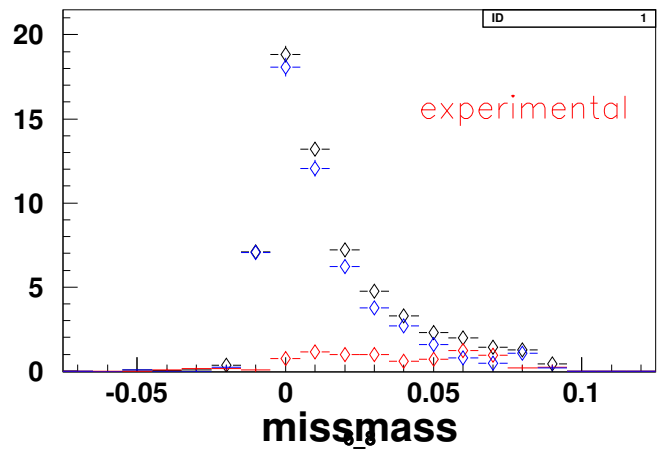
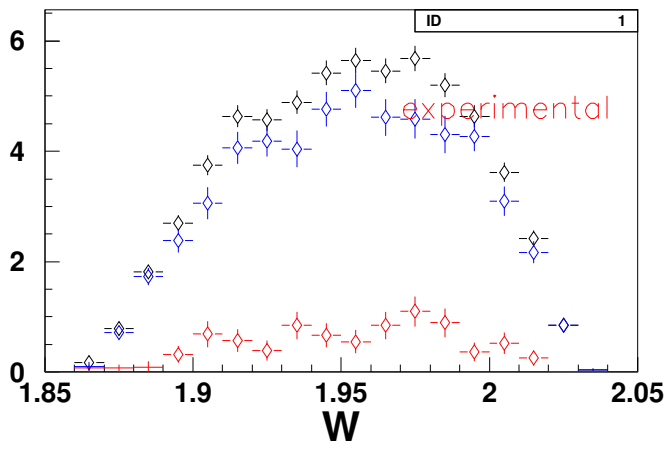
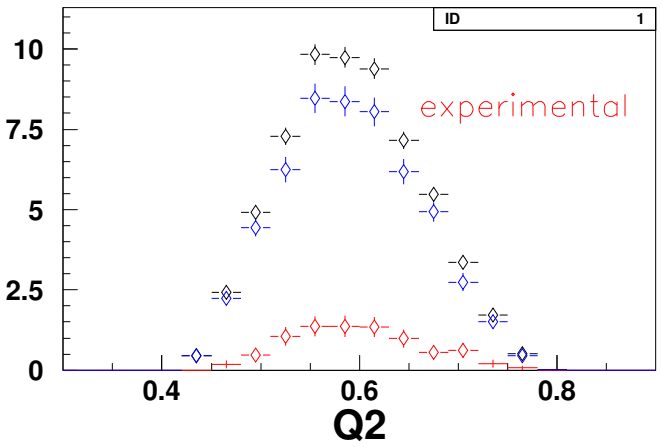
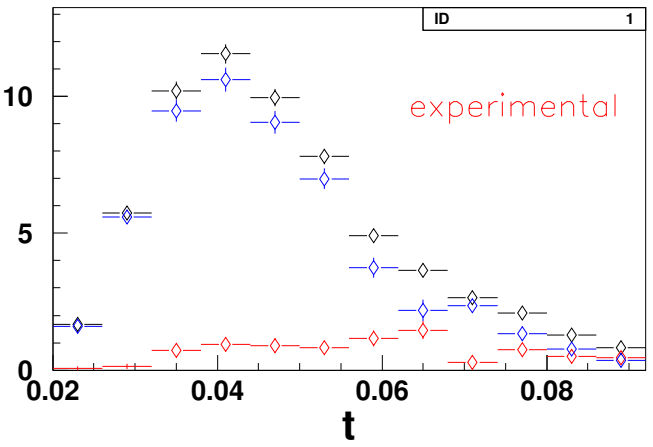
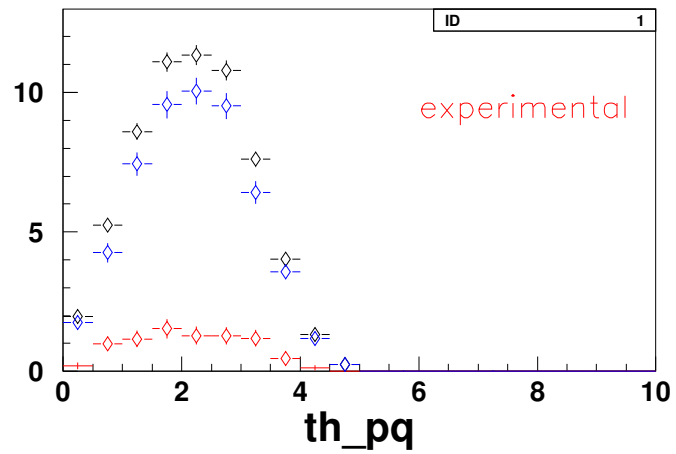
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=0.522^o, \pi^+$

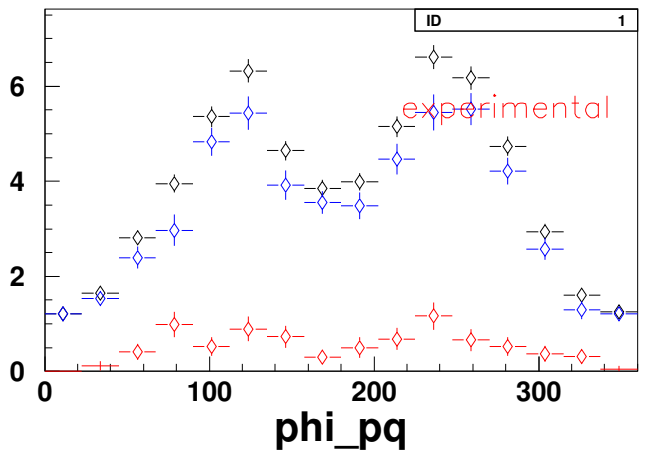




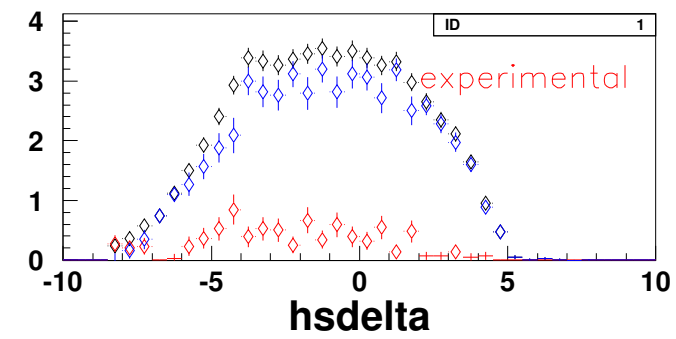


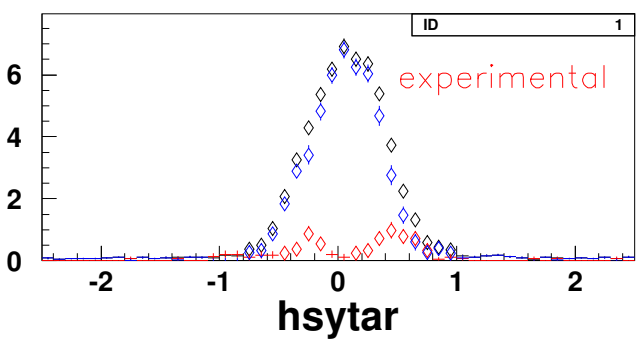


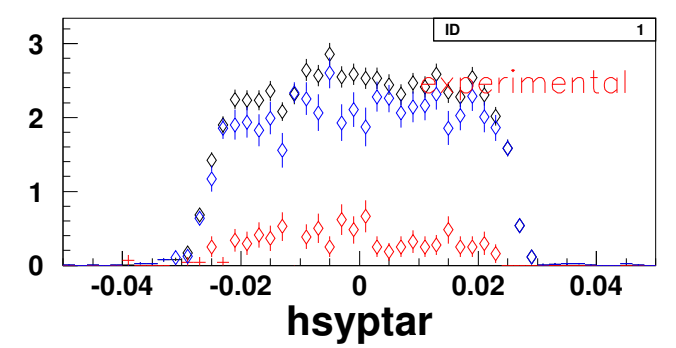


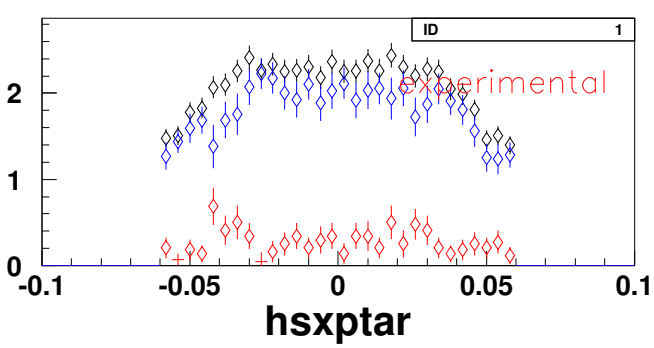


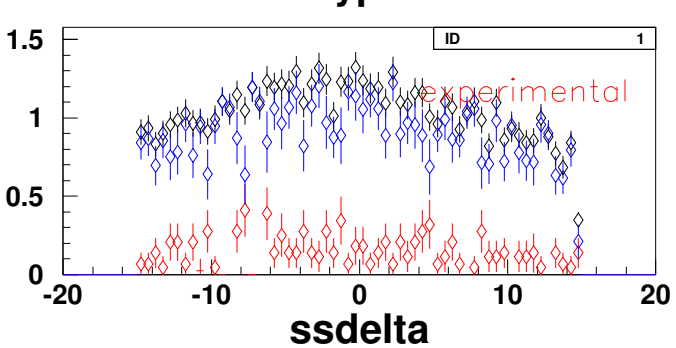
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=0.522^o, \pi^+$

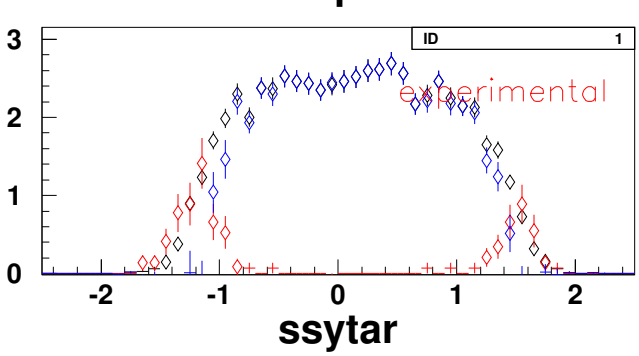


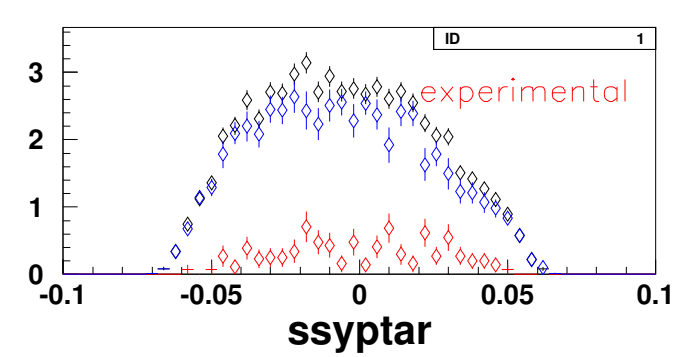


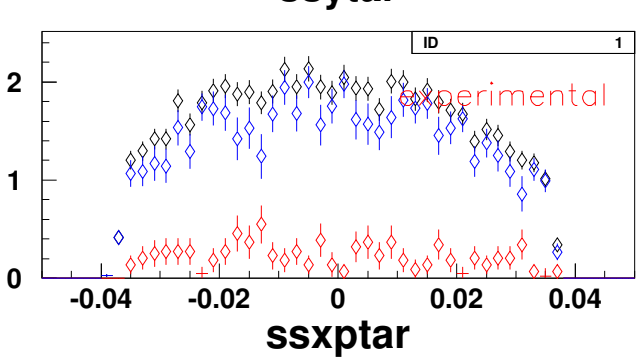




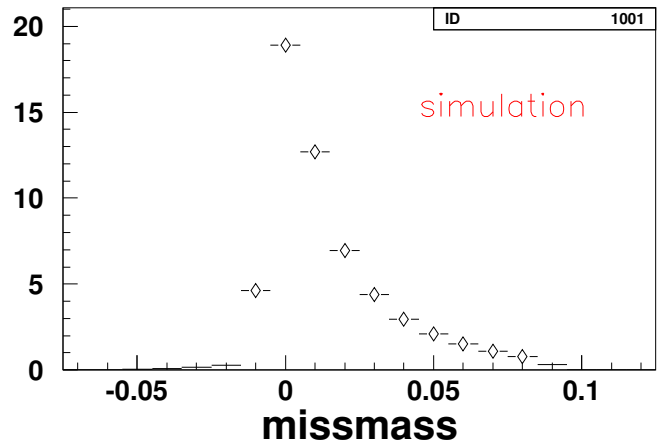


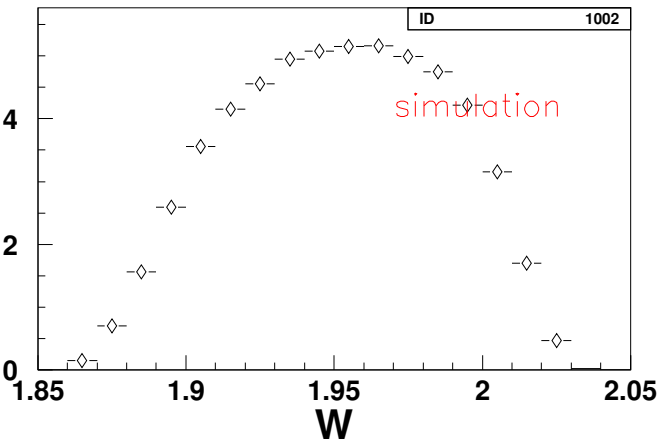


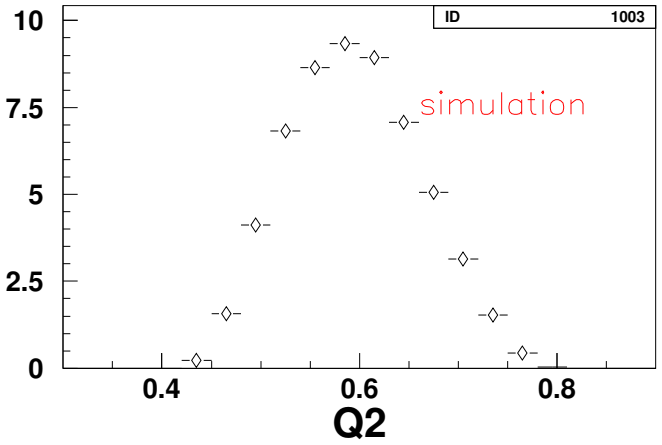


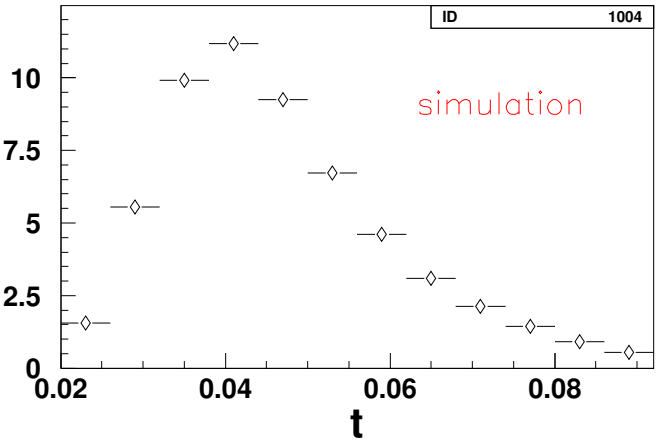


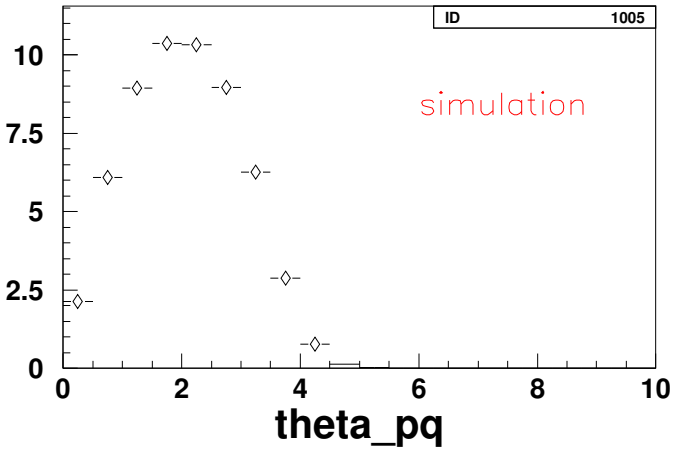
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=0.522^o, \pi^+, simc$

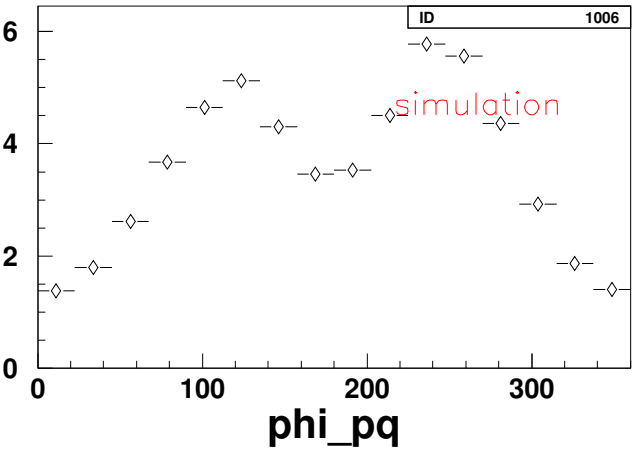




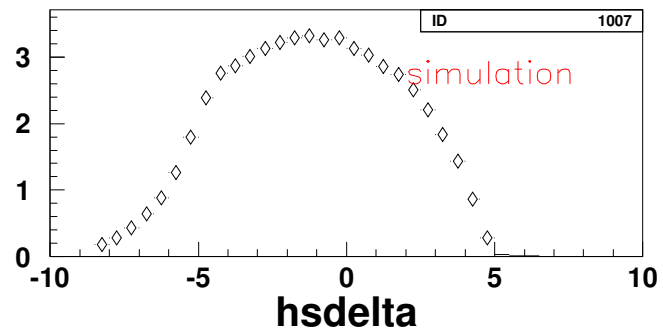


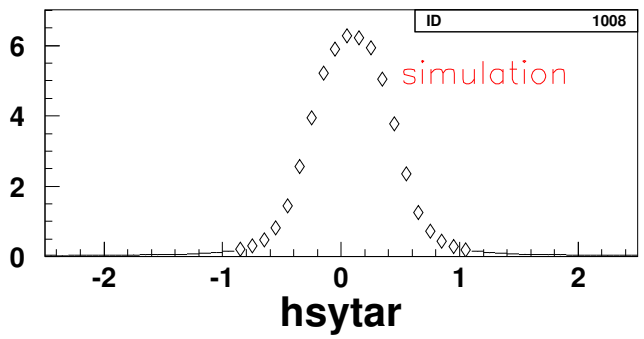


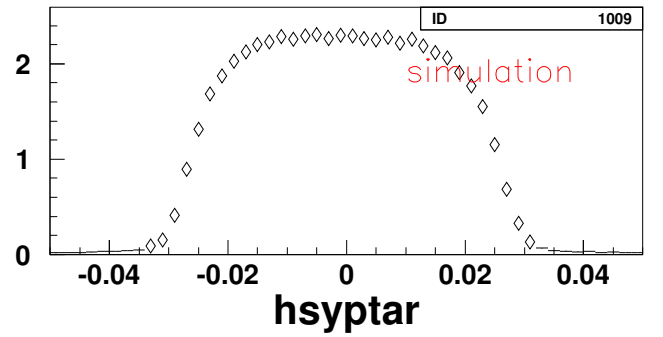


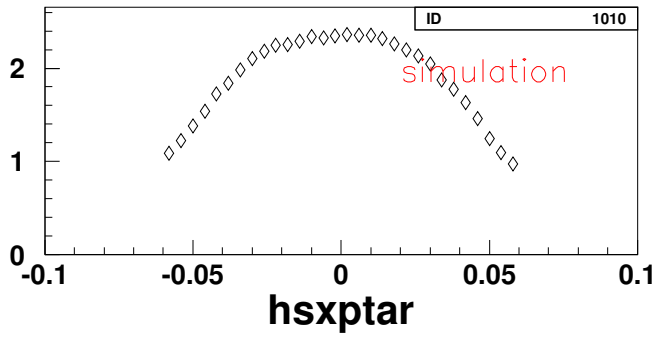


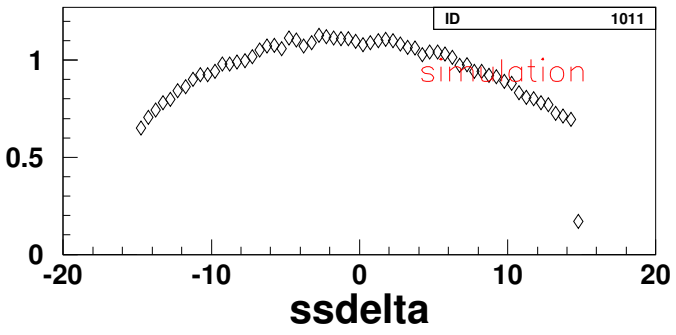
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=0.522^o, \pi^+, simc$

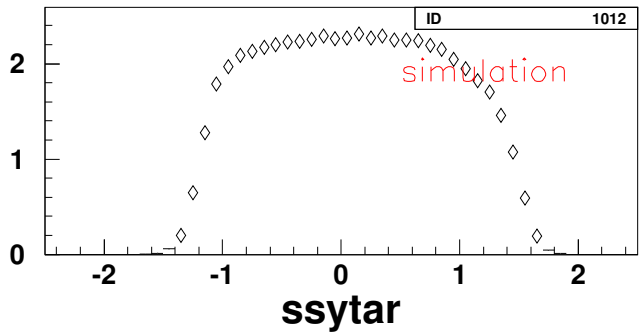


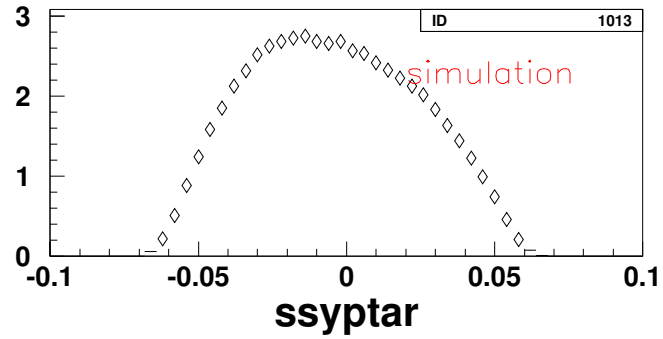


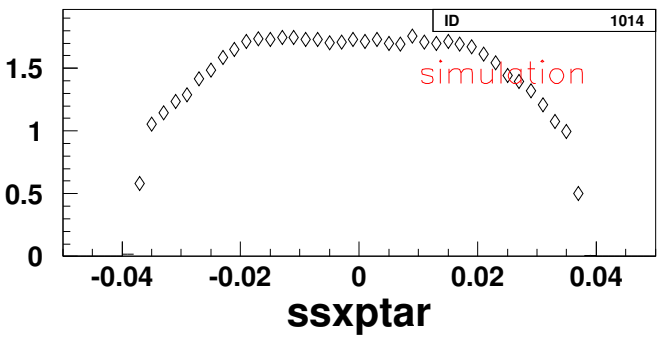


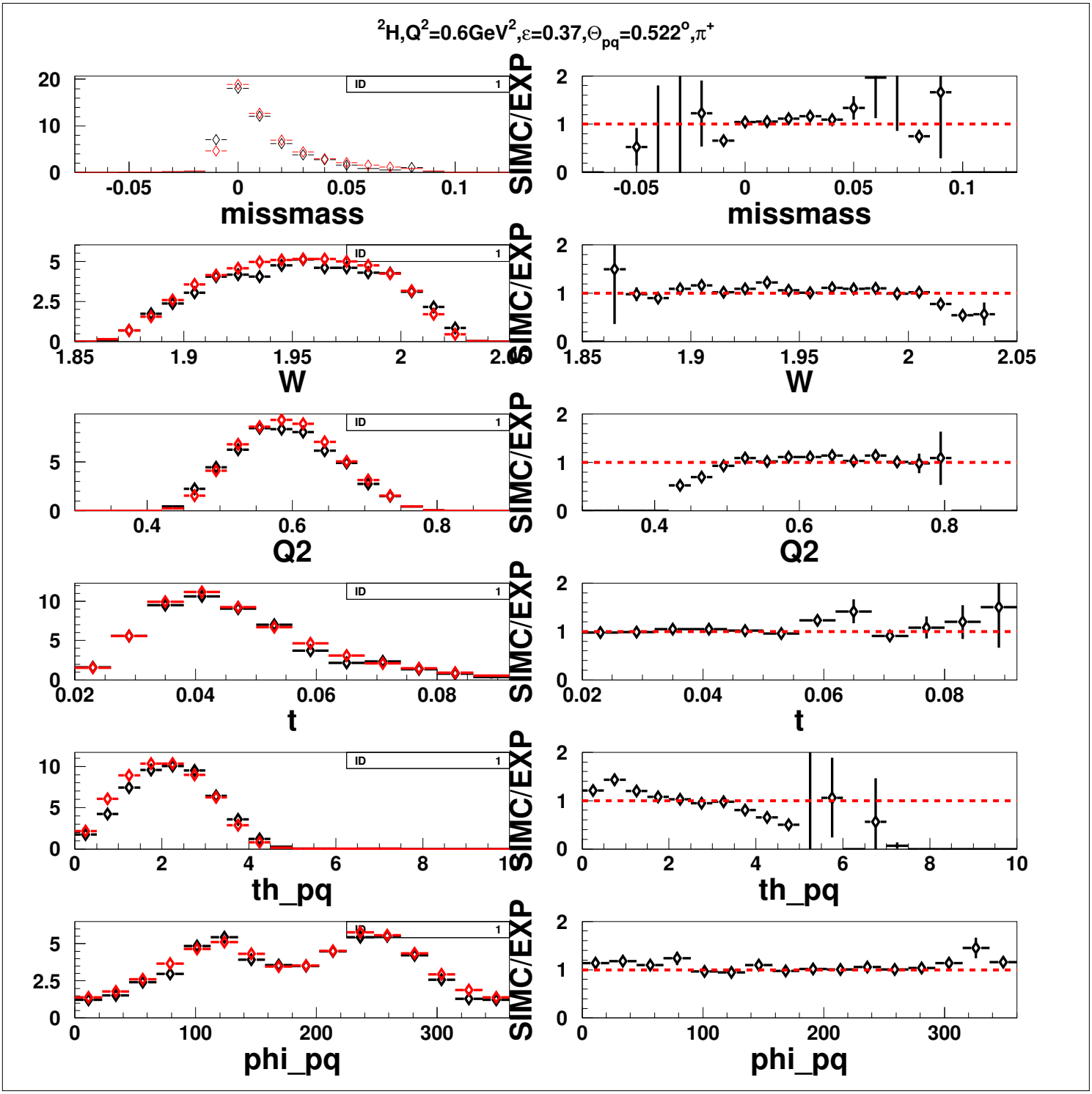


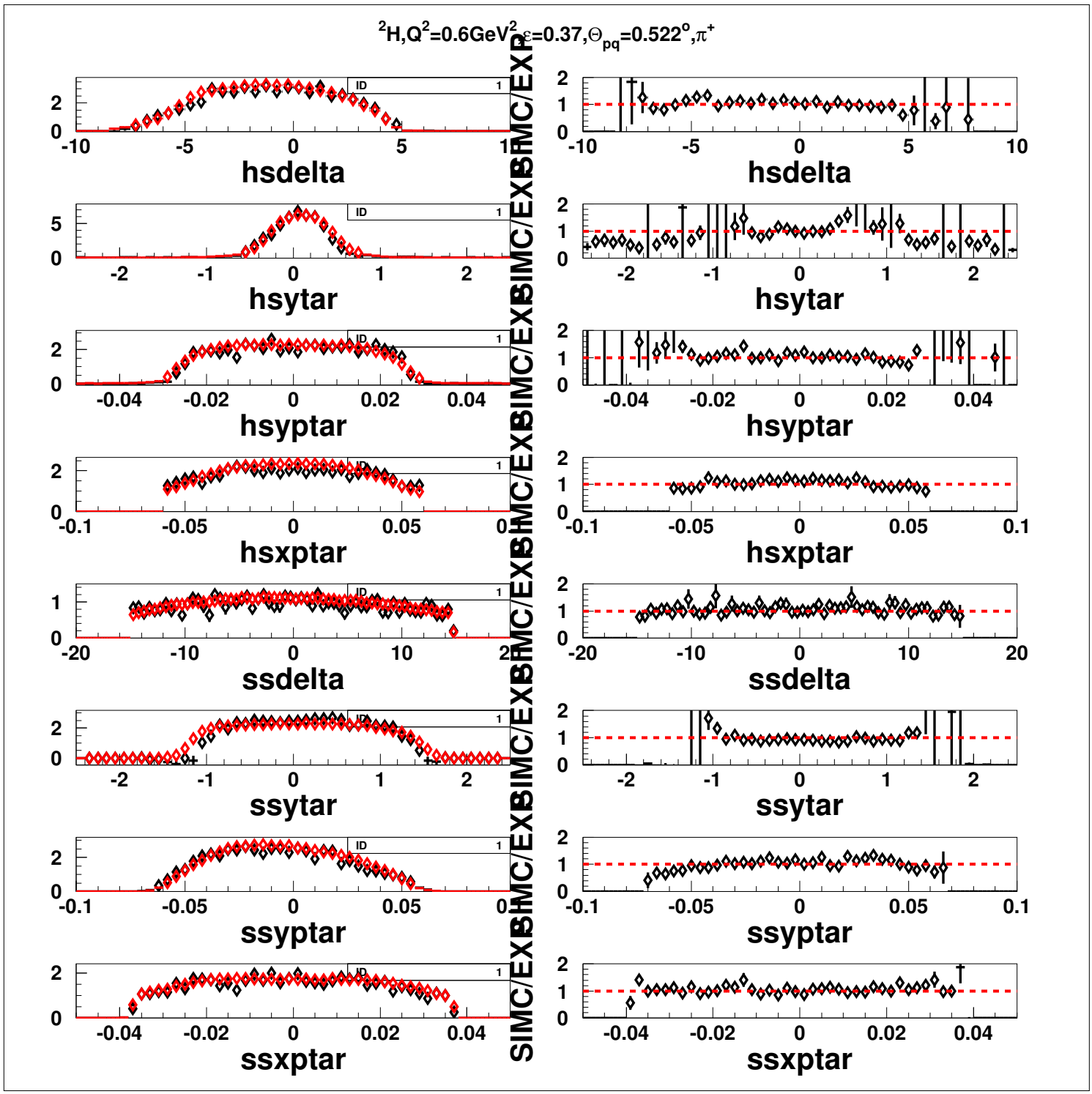









^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=0.522°,π$^+$
ID
1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=0.6GeV^{2}ε=0.37,Θ$_{pq}$=0.522°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
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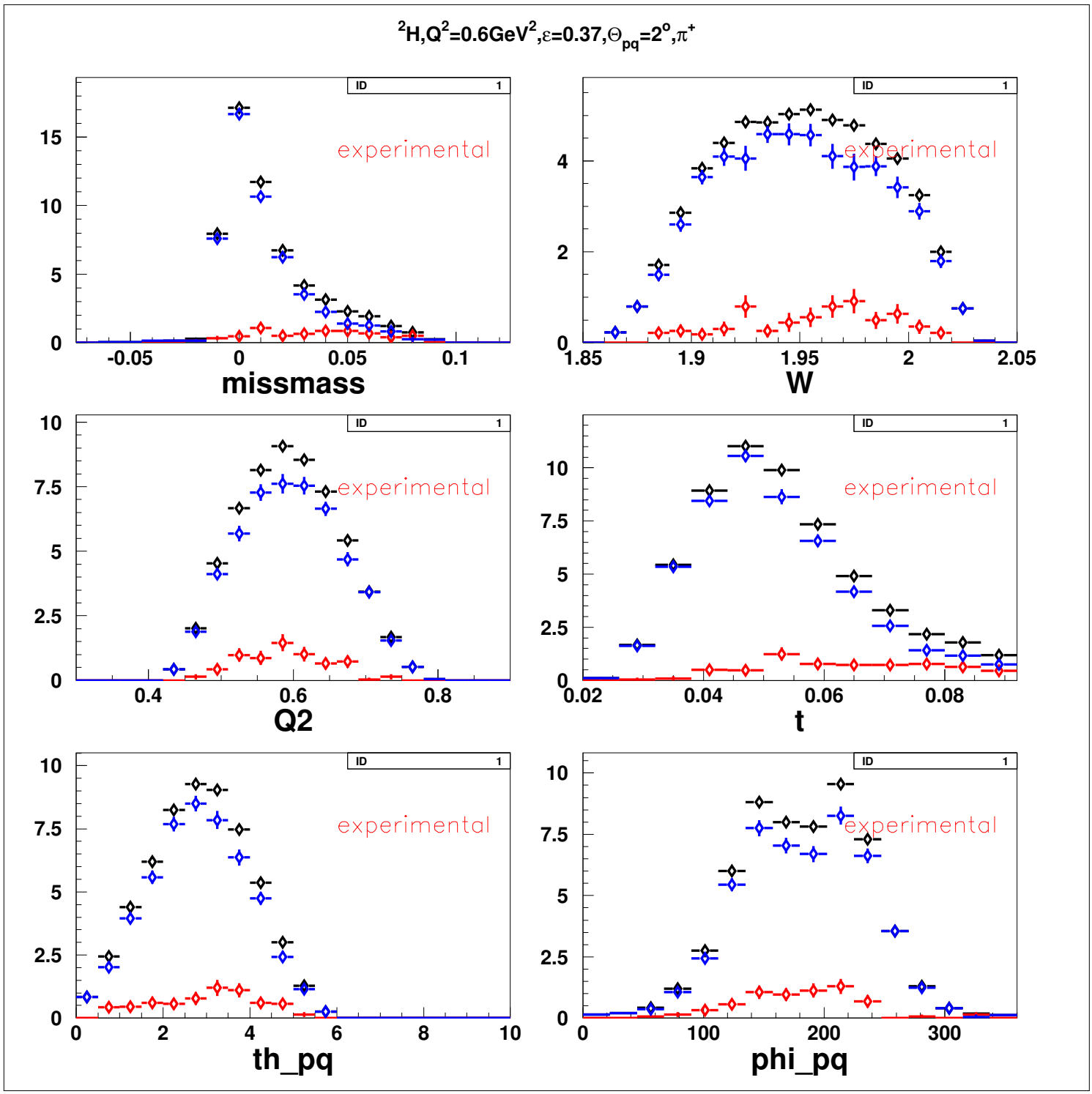
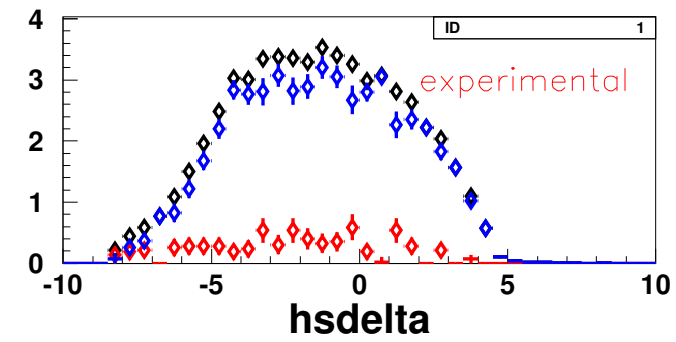
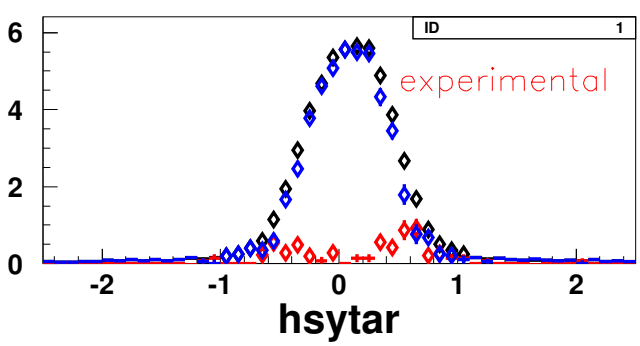
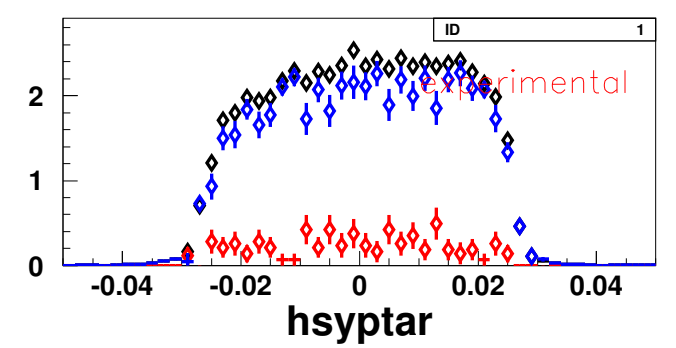
ssyptar
ssxptar
ID

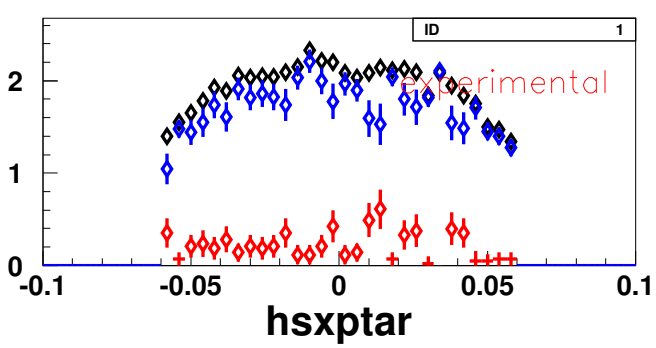

^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=2°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

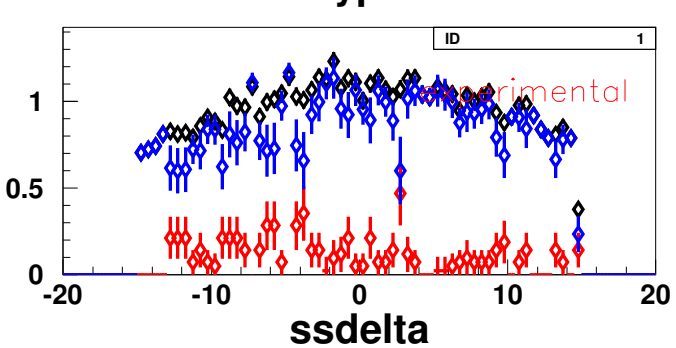
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=2^o, \pi^+$

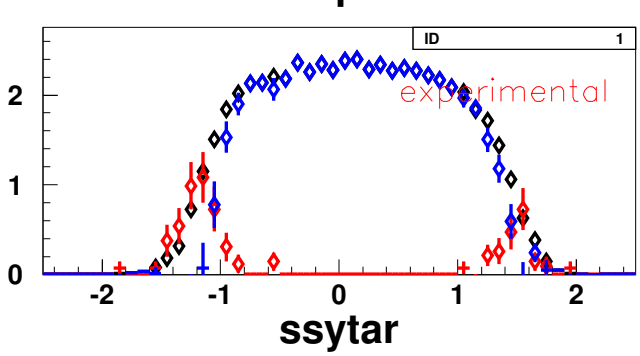


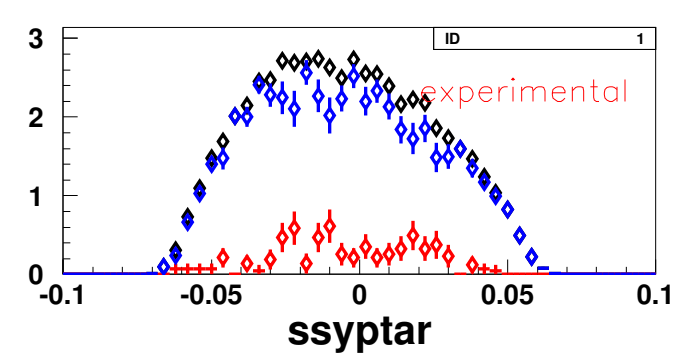


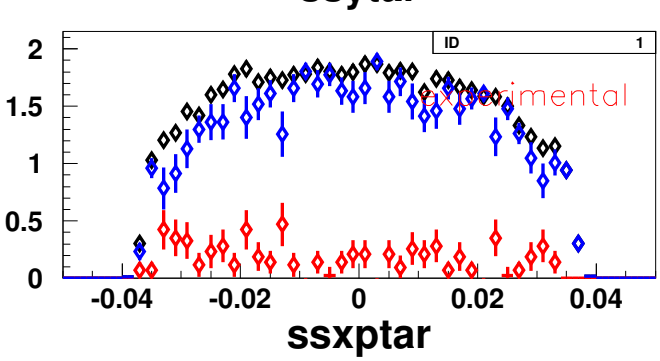




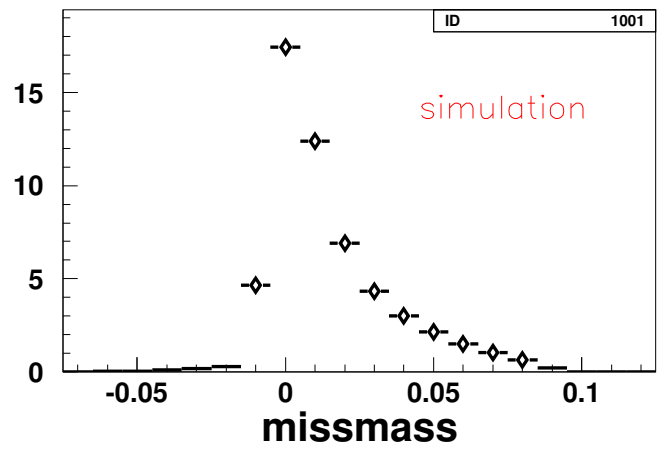


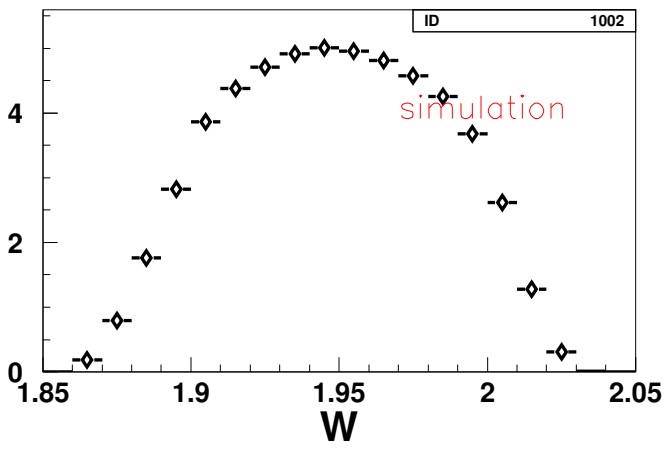


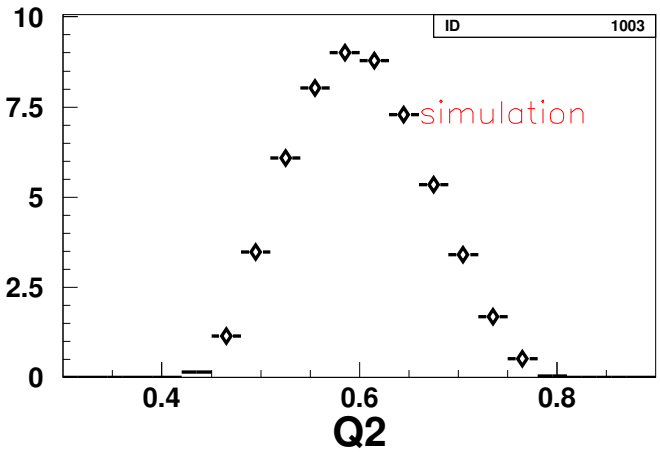


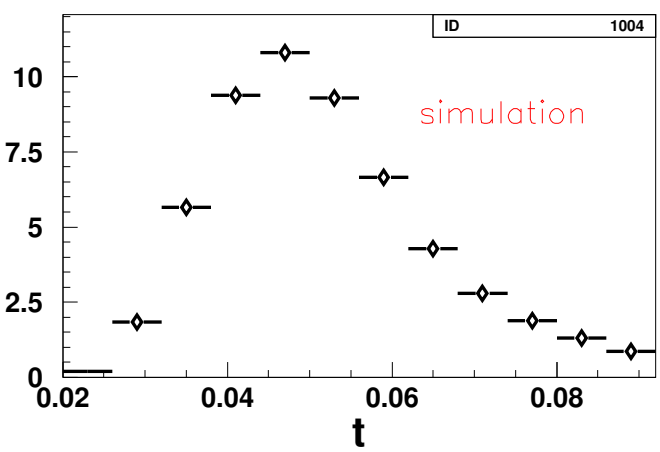


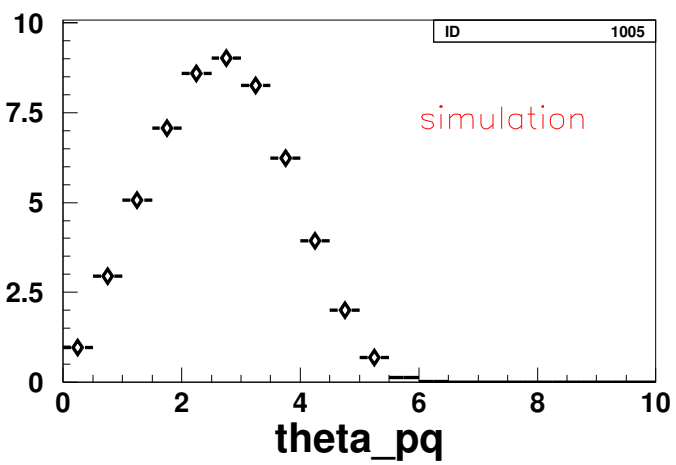
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=2^o, \pi^+, simc$

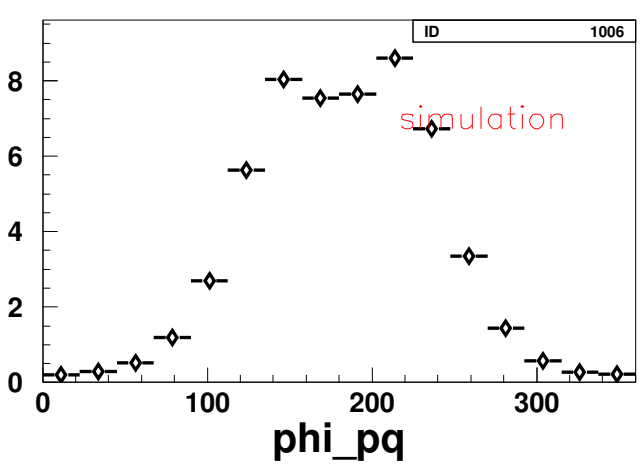




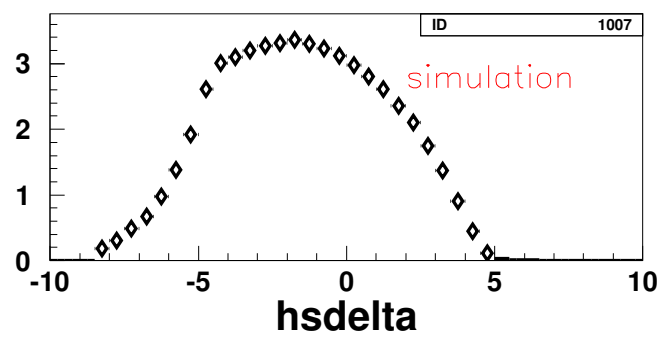


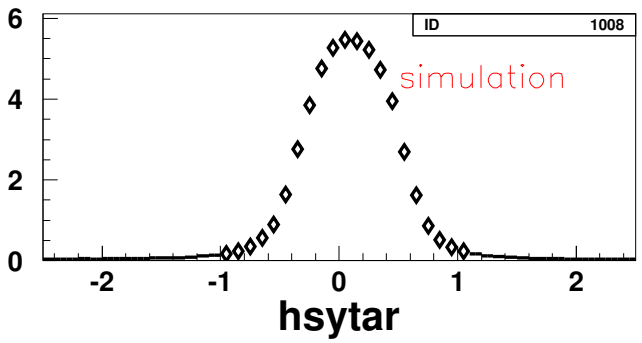


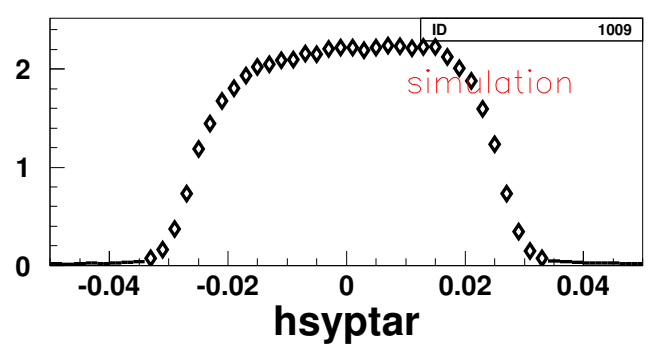


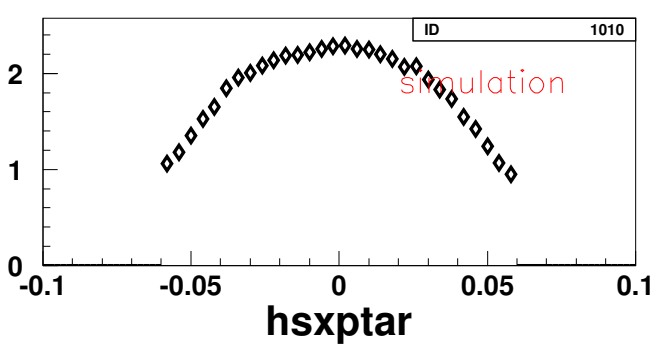


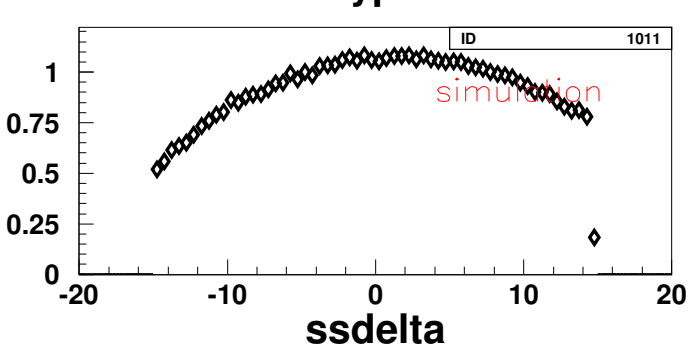
^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ_{pq}=2^o,π^+,simc

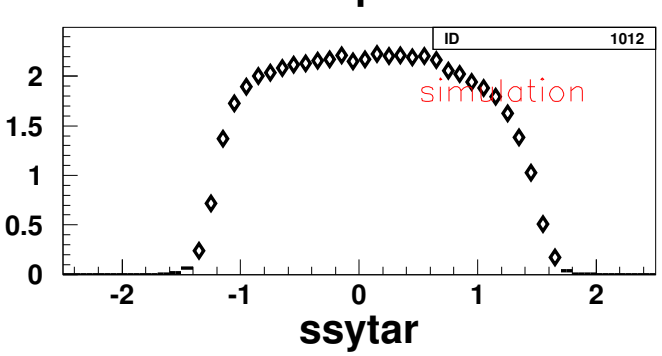


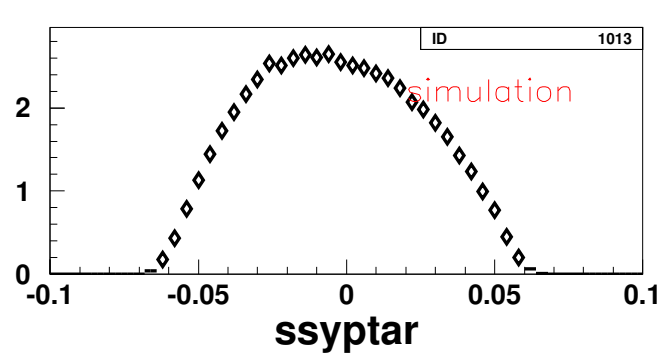


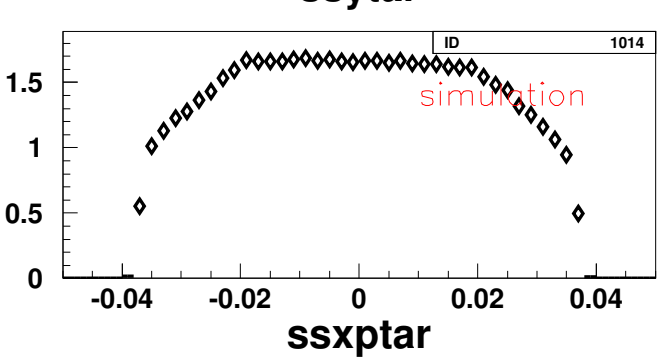


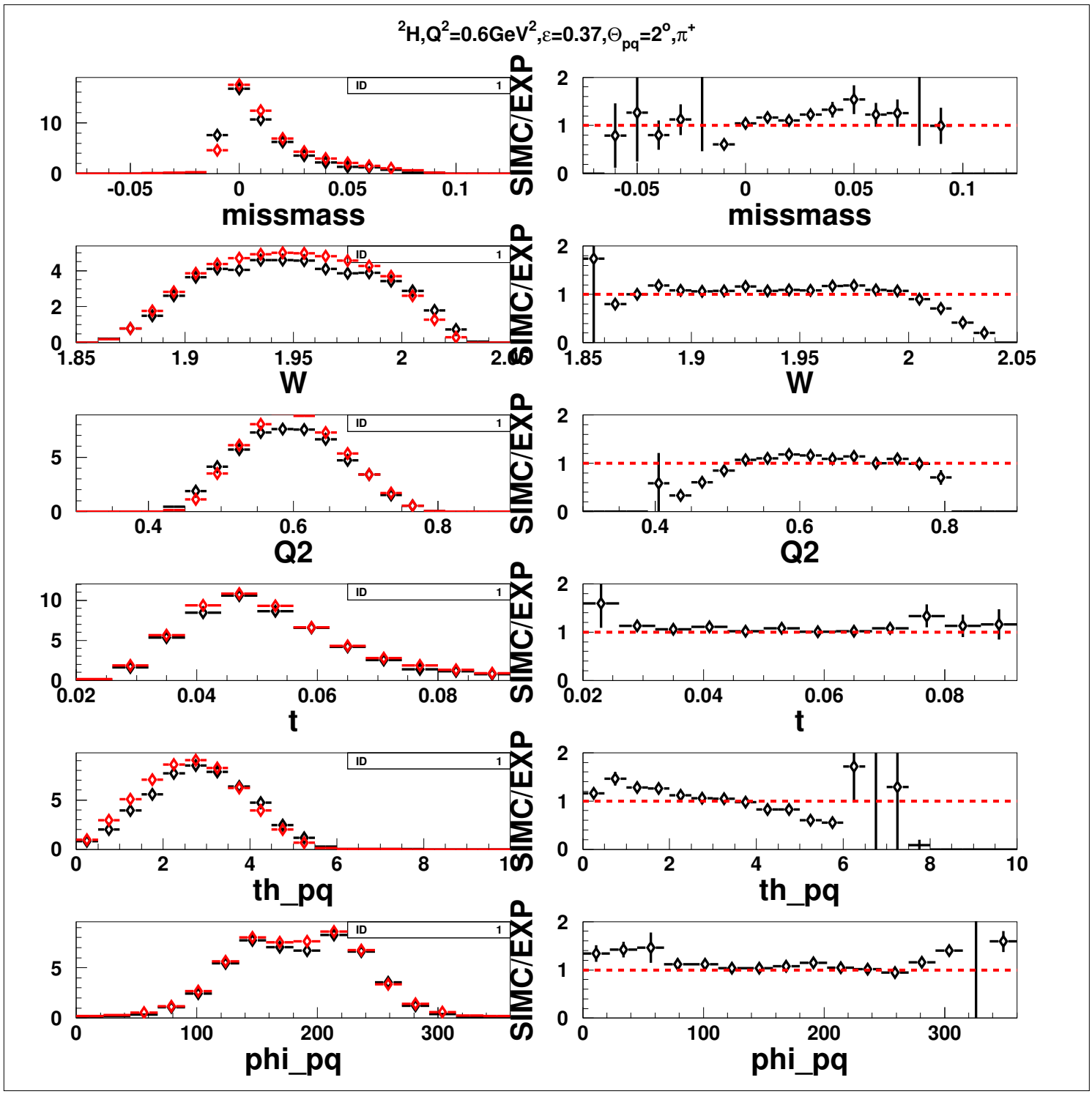


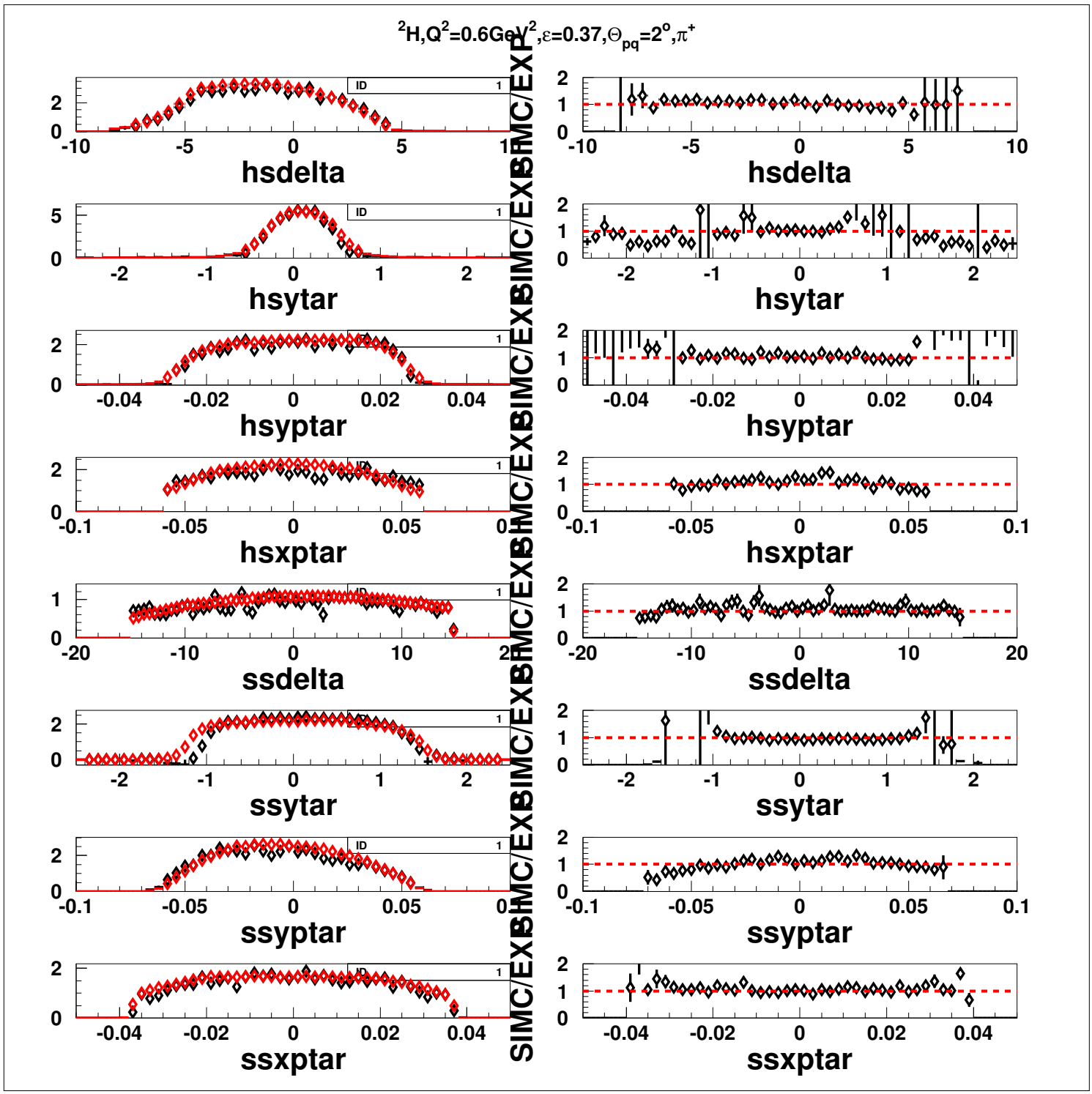









^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=2°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=2^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
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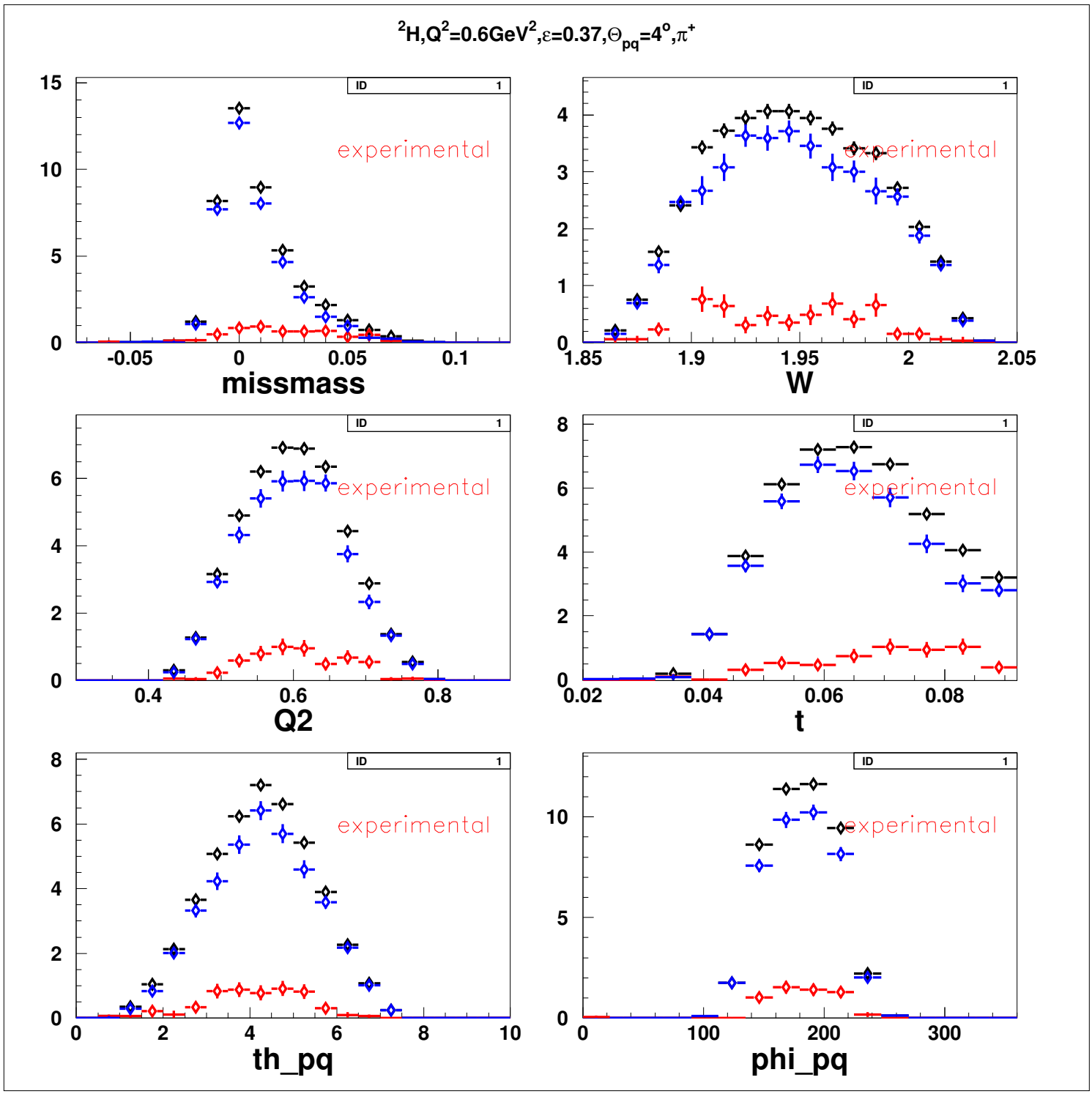
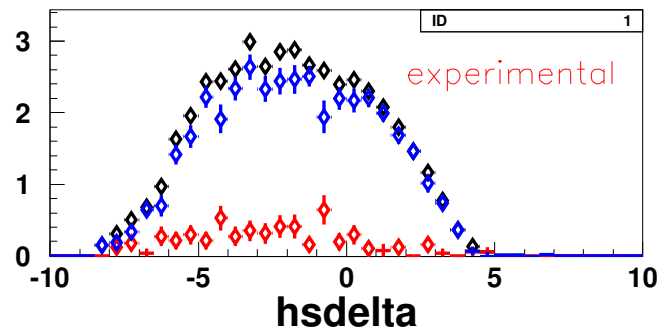
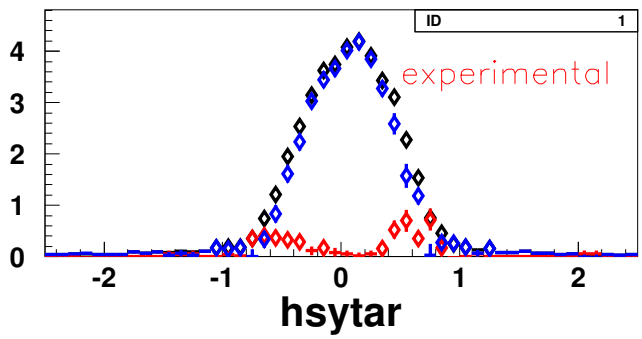
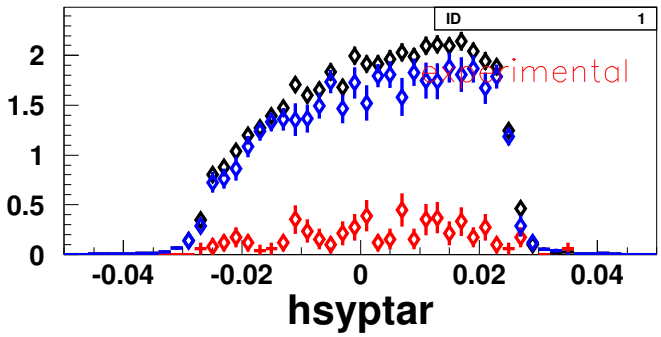
ssdelta
ssytar
ssyptar
ssxptar
ID 1

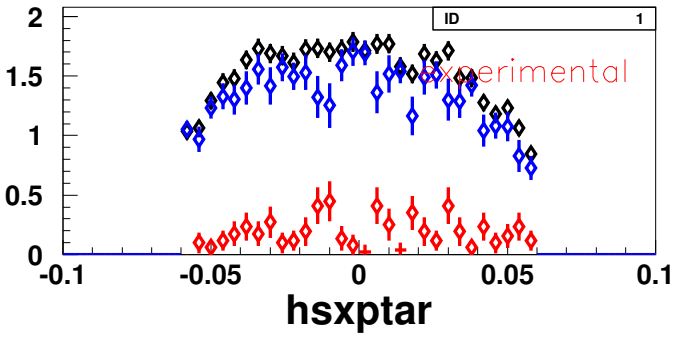

^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=4°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

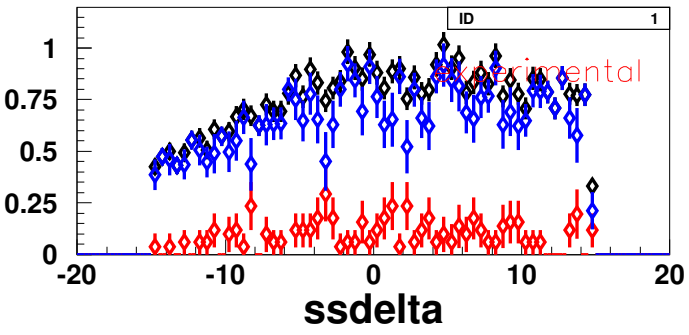
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=4^o, \pi^+$

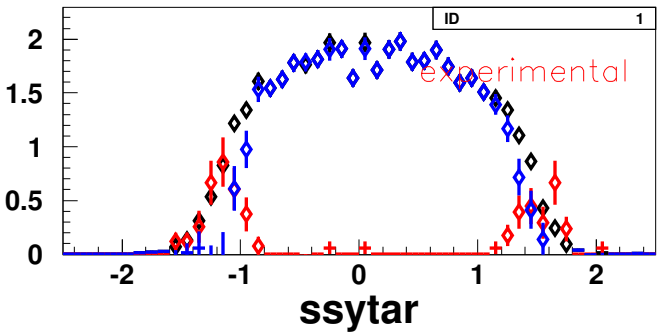


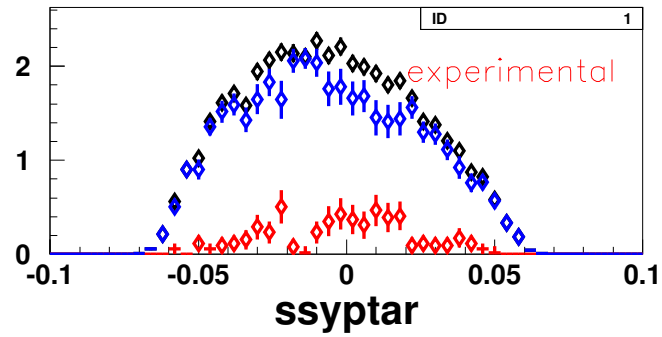


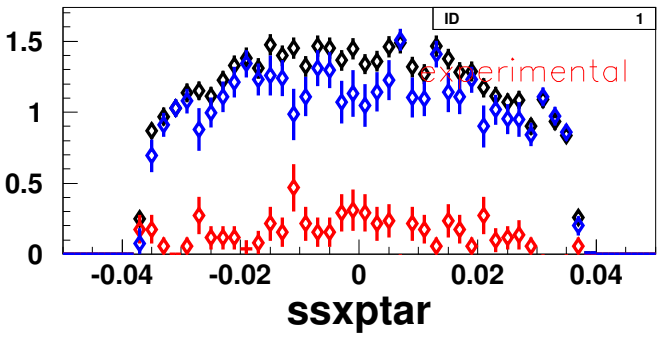




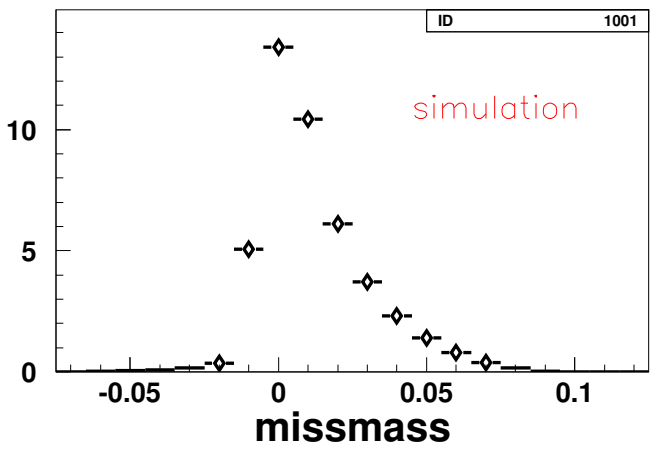


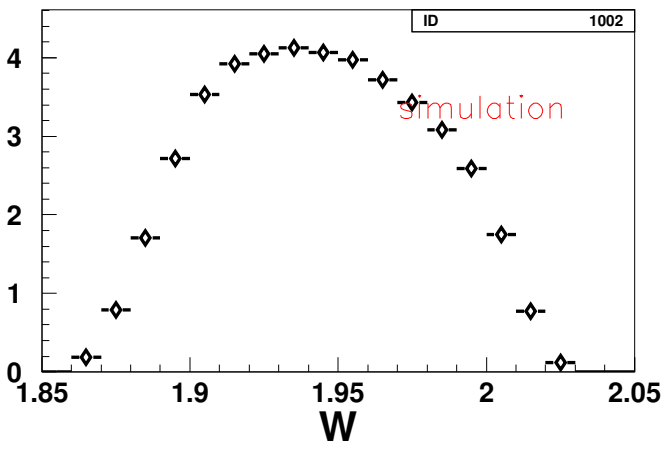


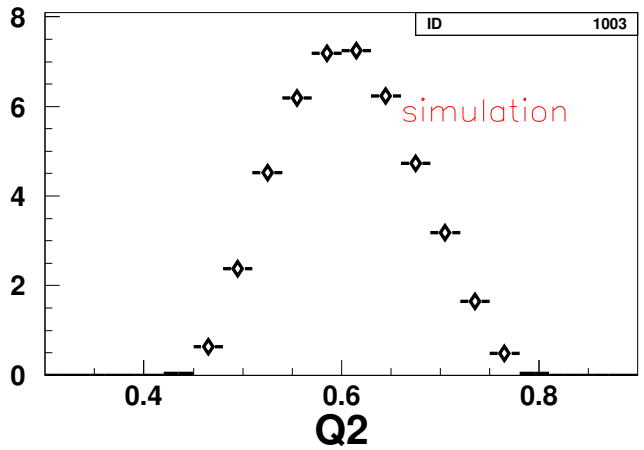


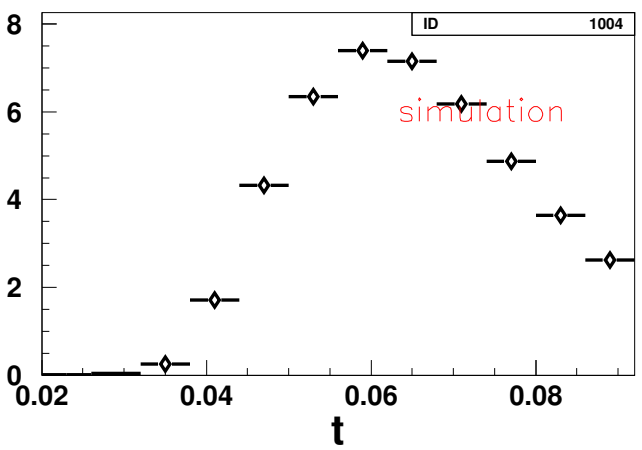


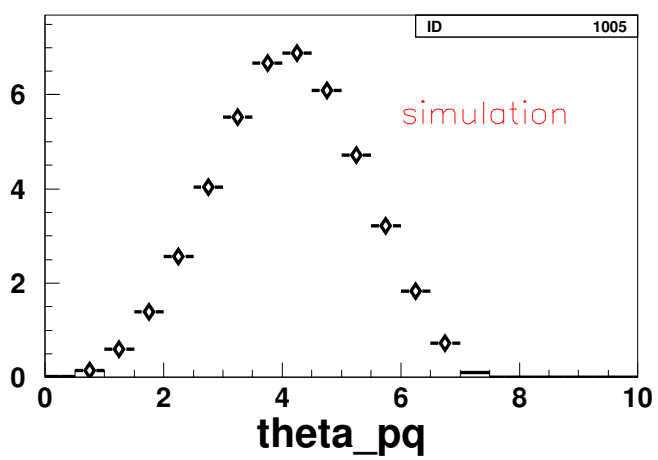
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=4^o, \pi^+, simc$

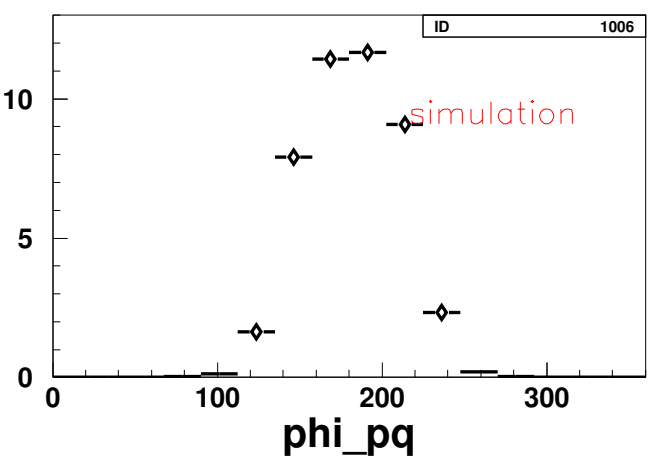




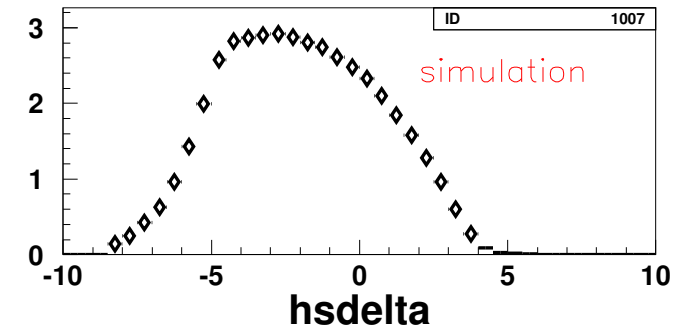


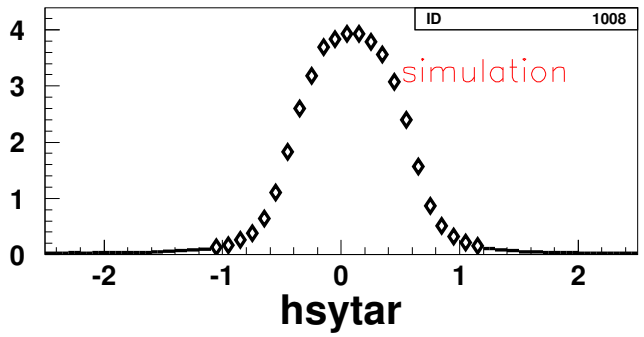


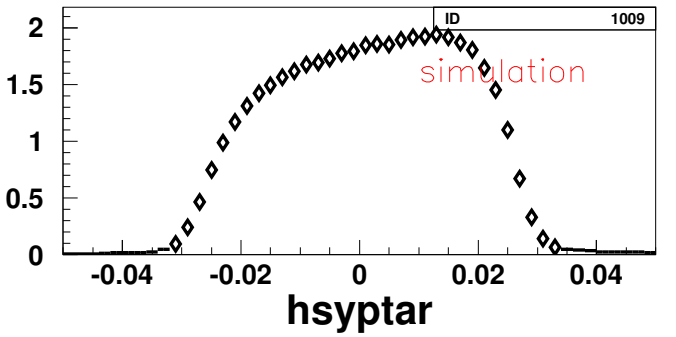


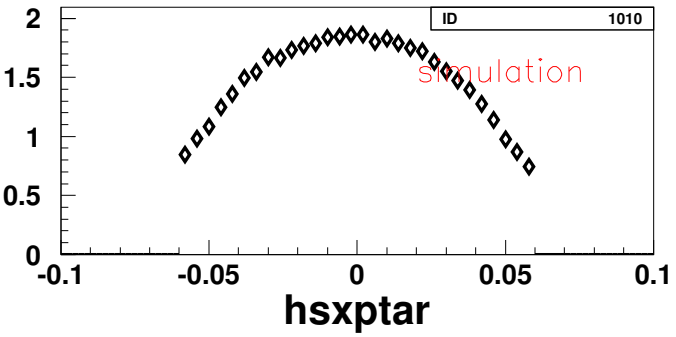


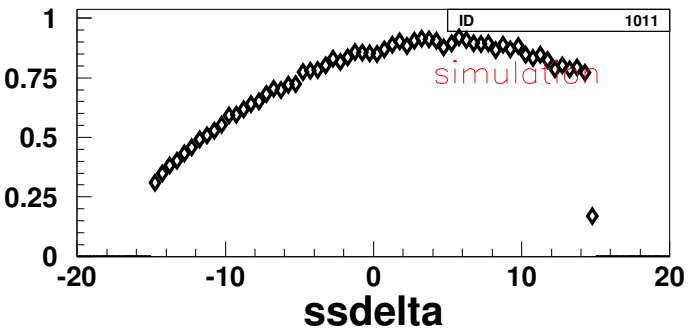
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.37, \Theta_{pq}=4^o, \pi^+, simc$

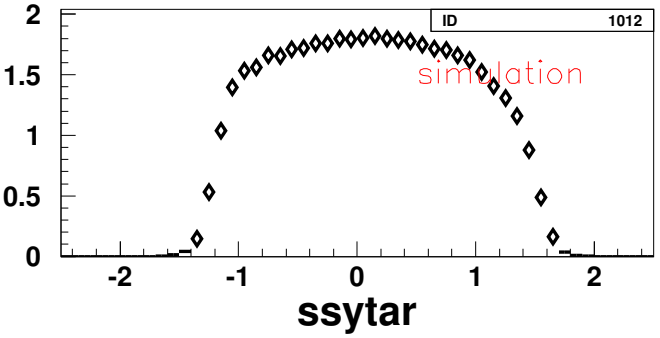


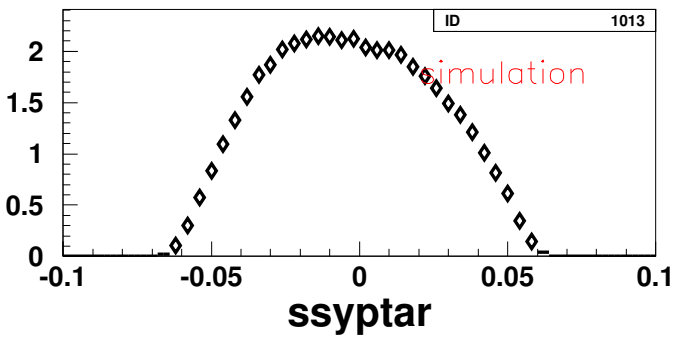


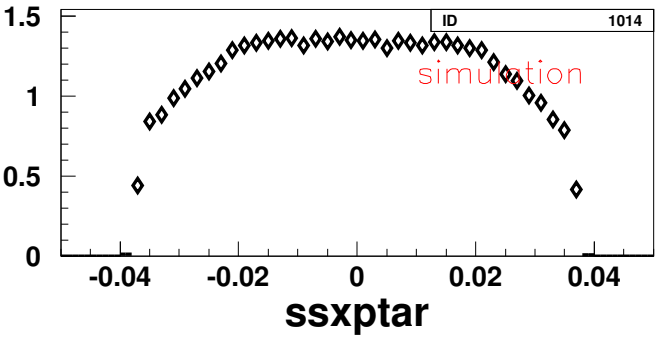


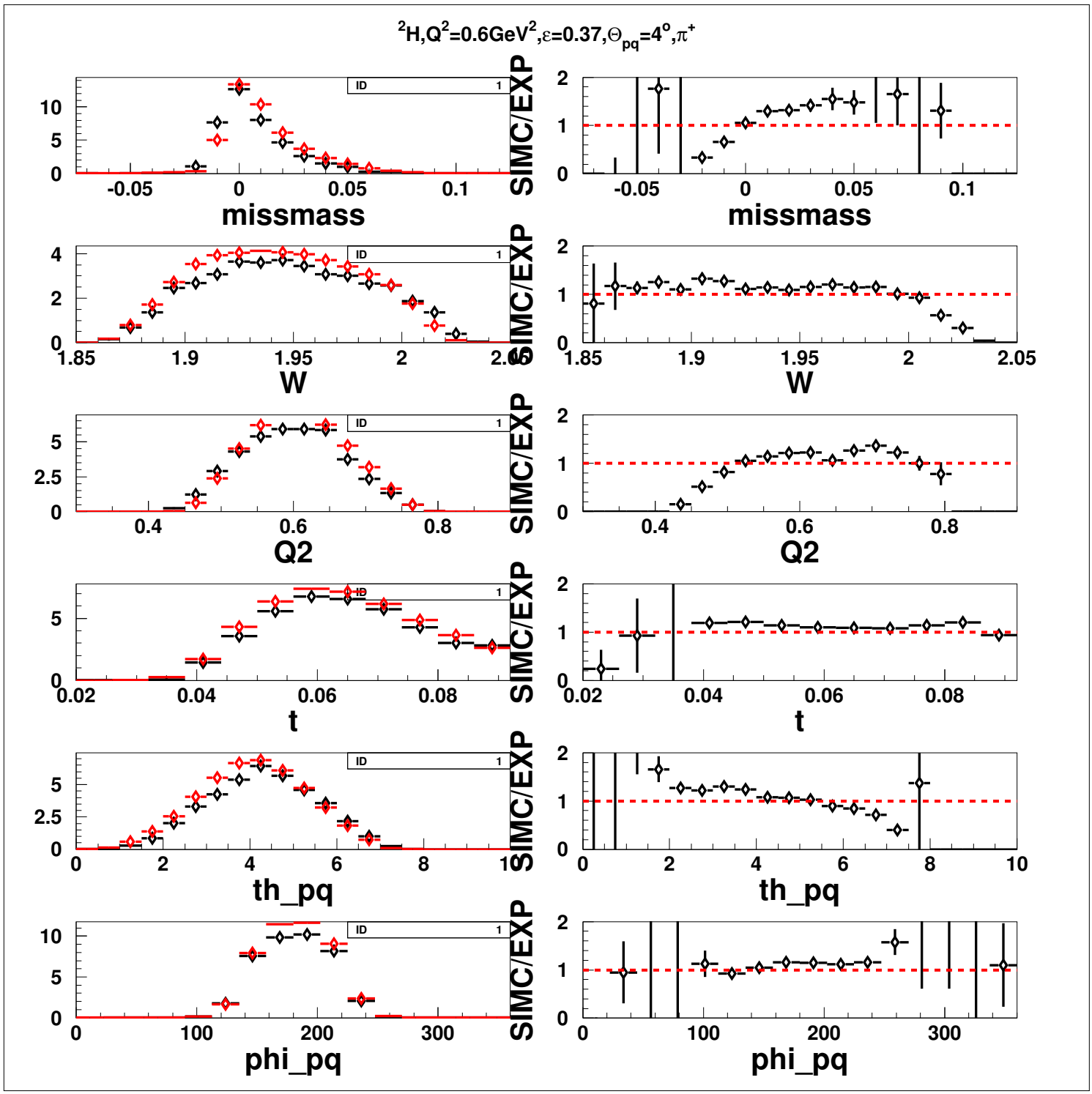


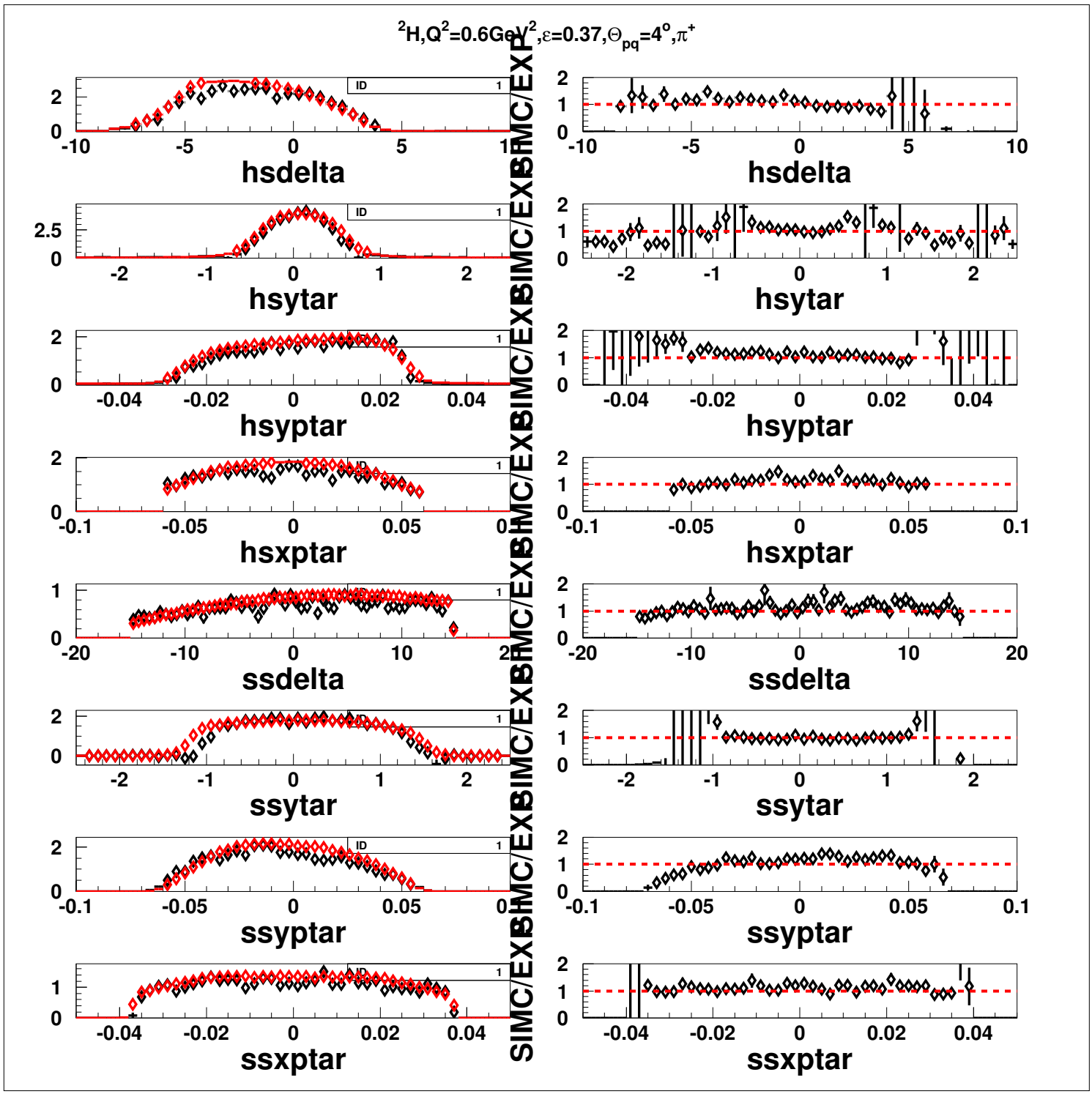









^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=4°,π$^+$
ID 1
missmass
W
Q2
t
th_pq
phi_pq
SIMC/EXP


^{2}H,Q^2=0.6GeV^2,ε=0.37,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
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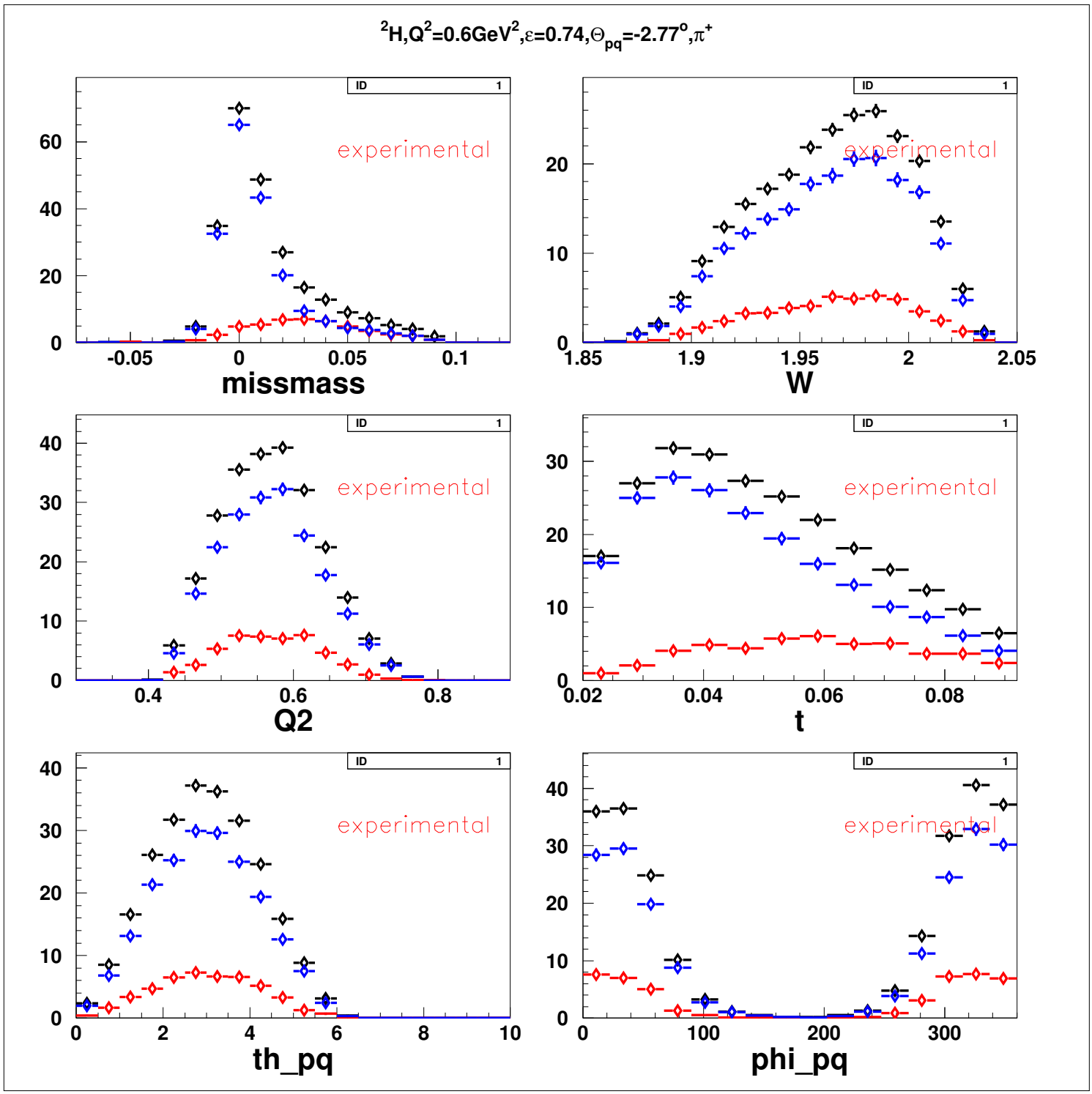
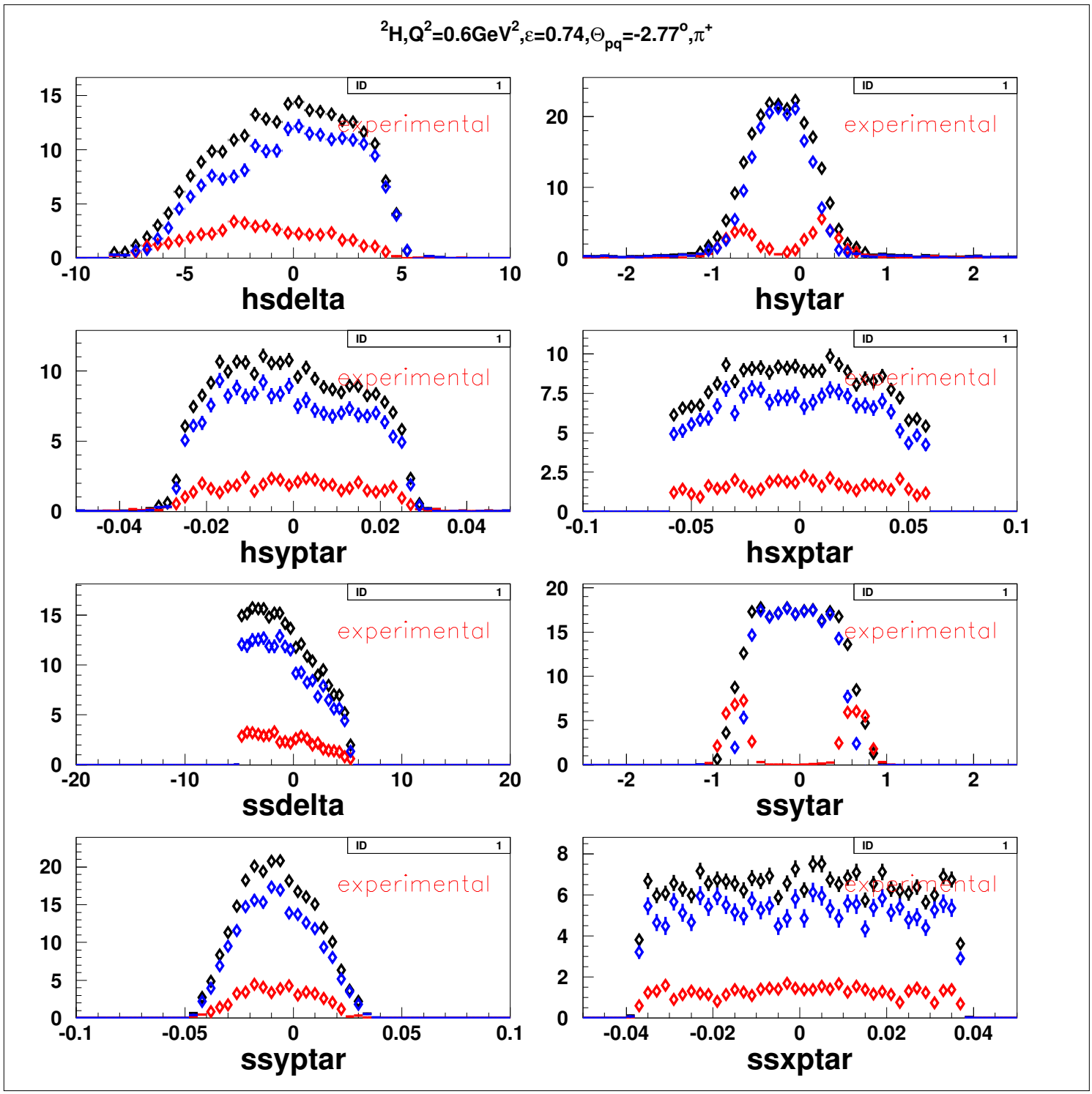
ID 1


^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=-2.77°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq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ID 1
experimental
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
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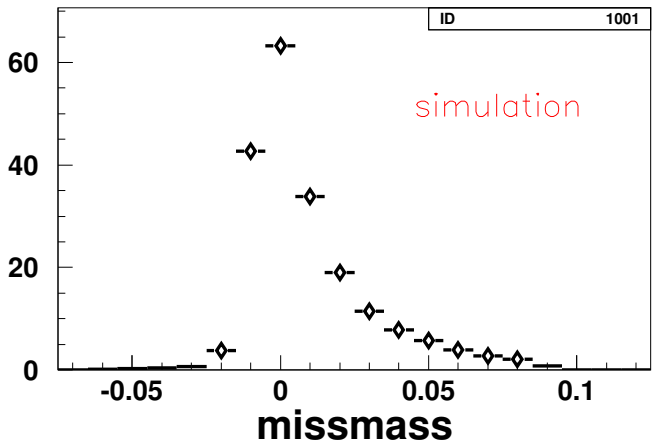
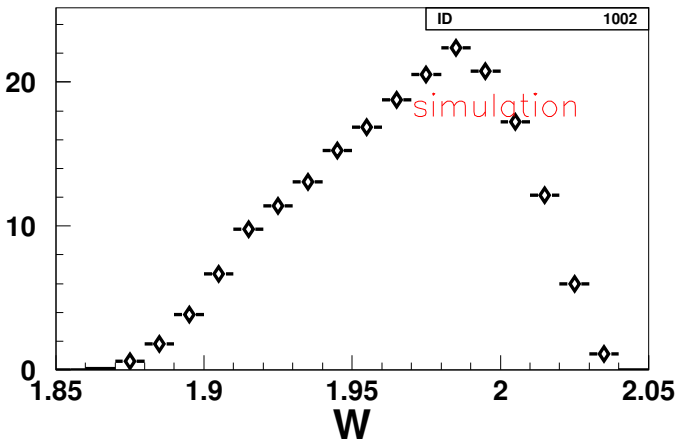
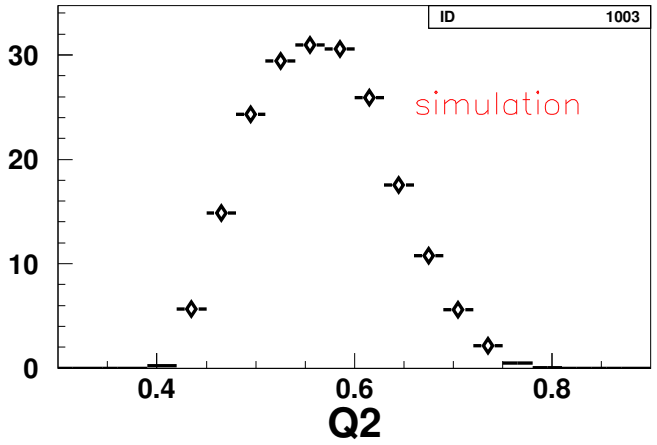
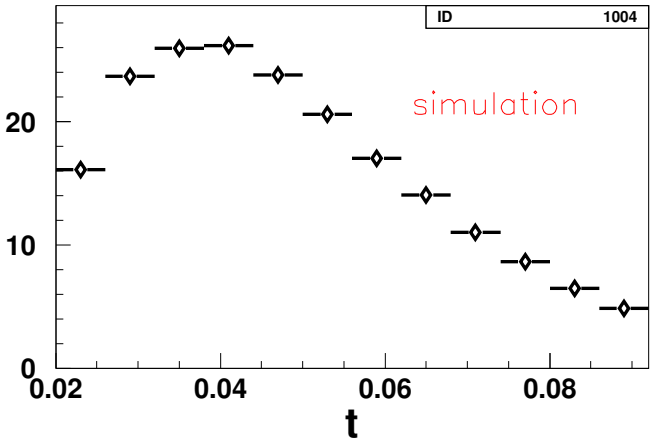
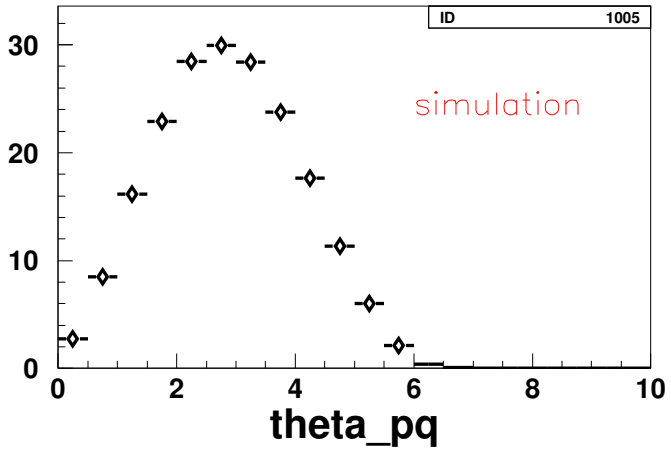
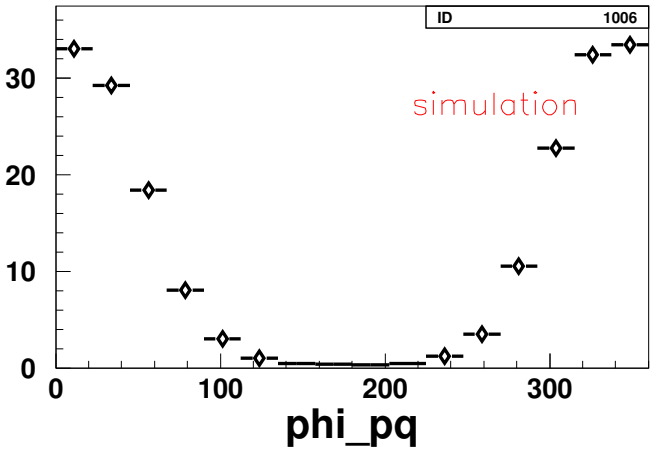




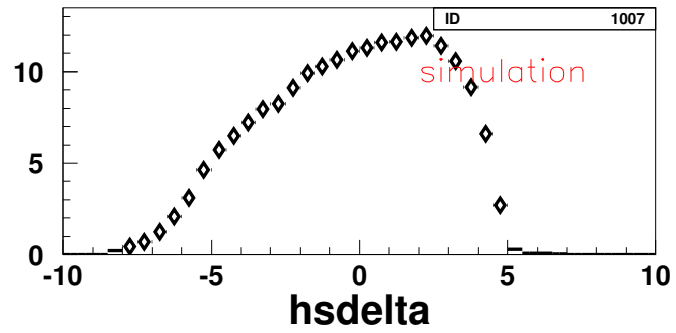


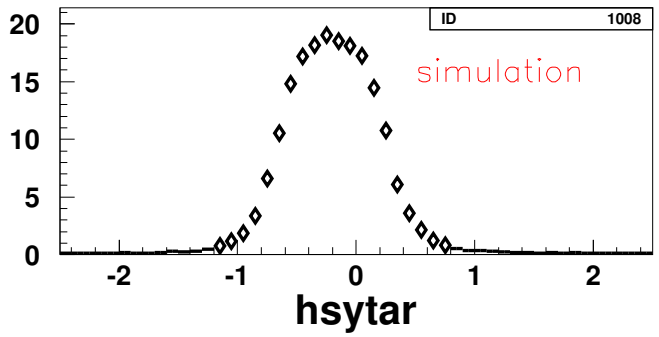


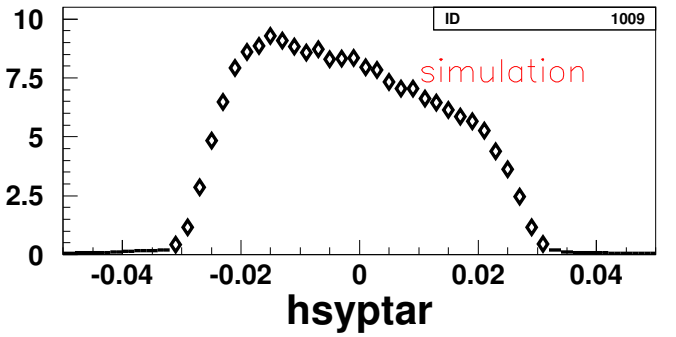


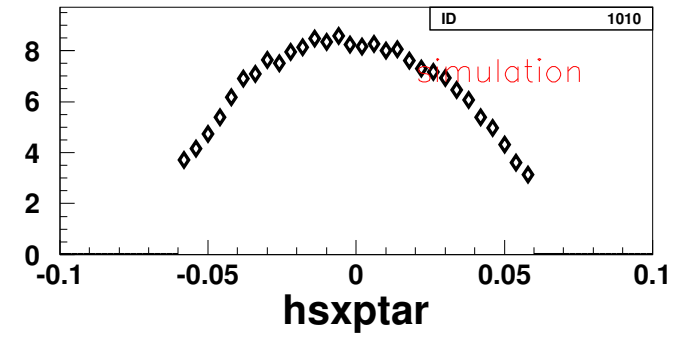


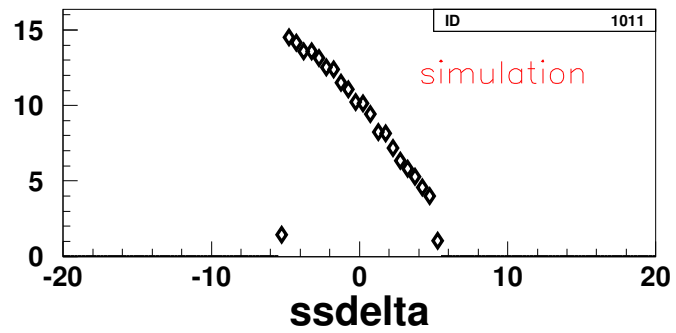
^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ_{pq}=-2.77^o,π^+,simc

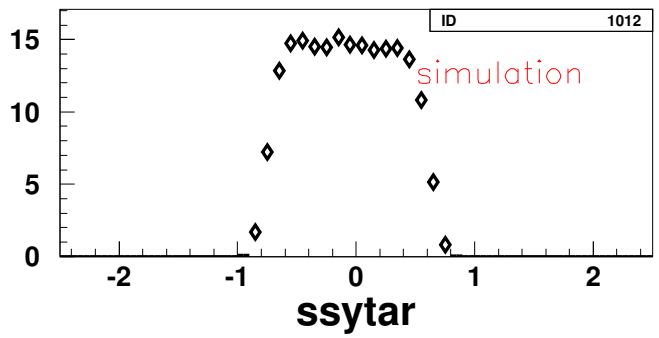


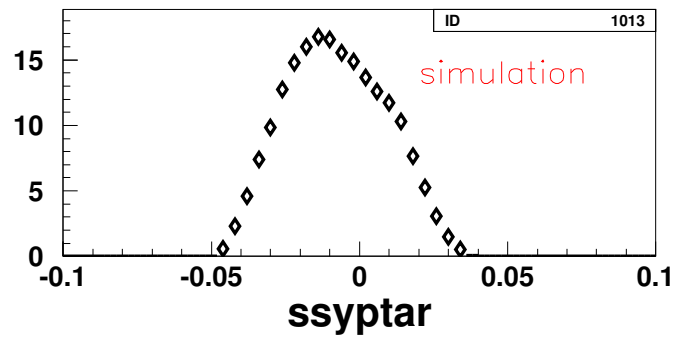


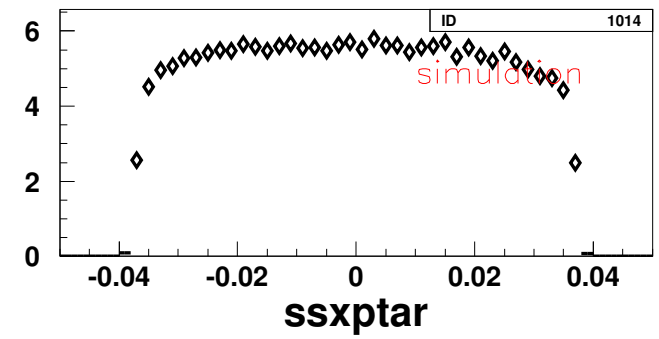


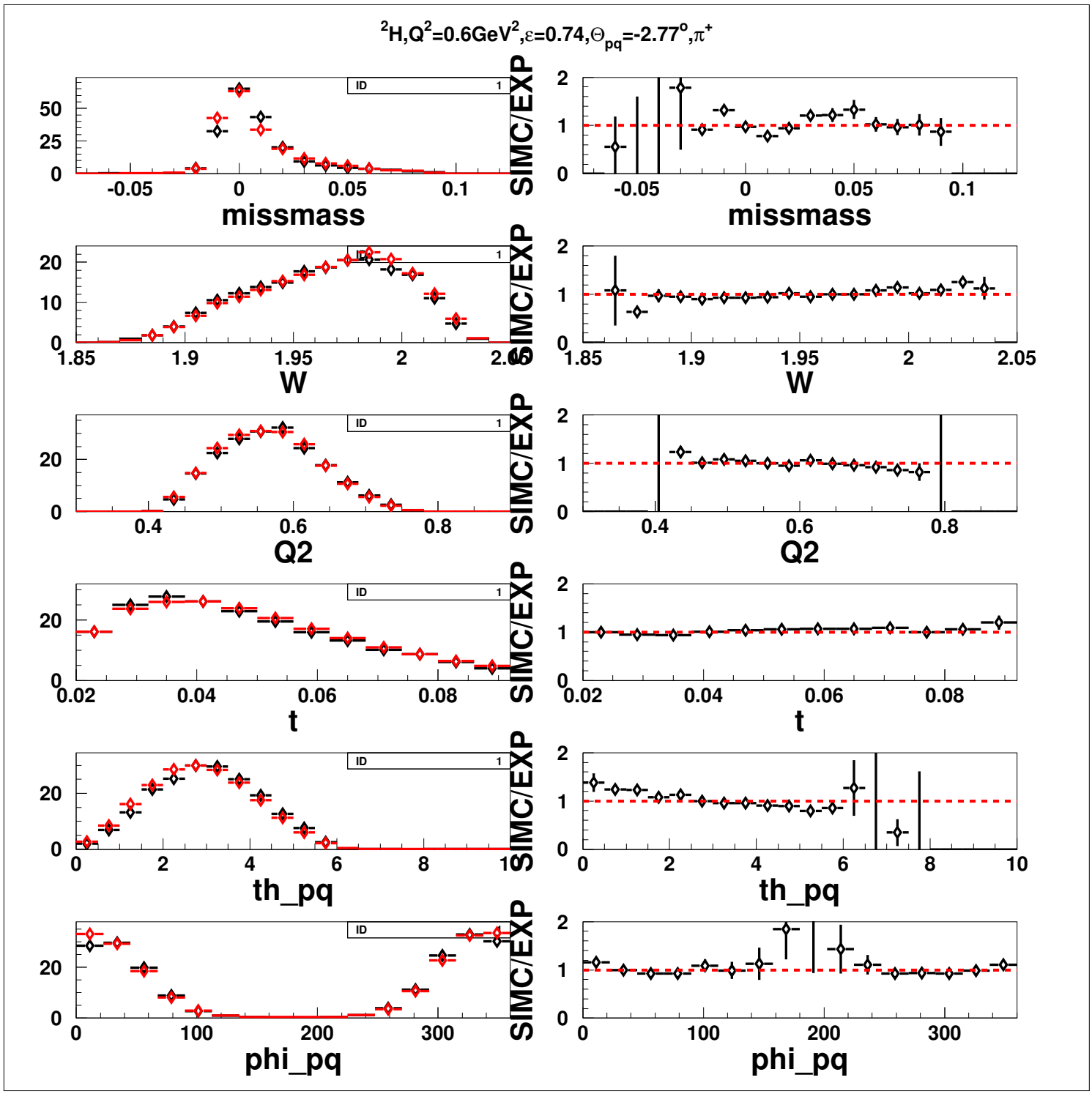











^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=-2.77°,π$^+$
ID 1
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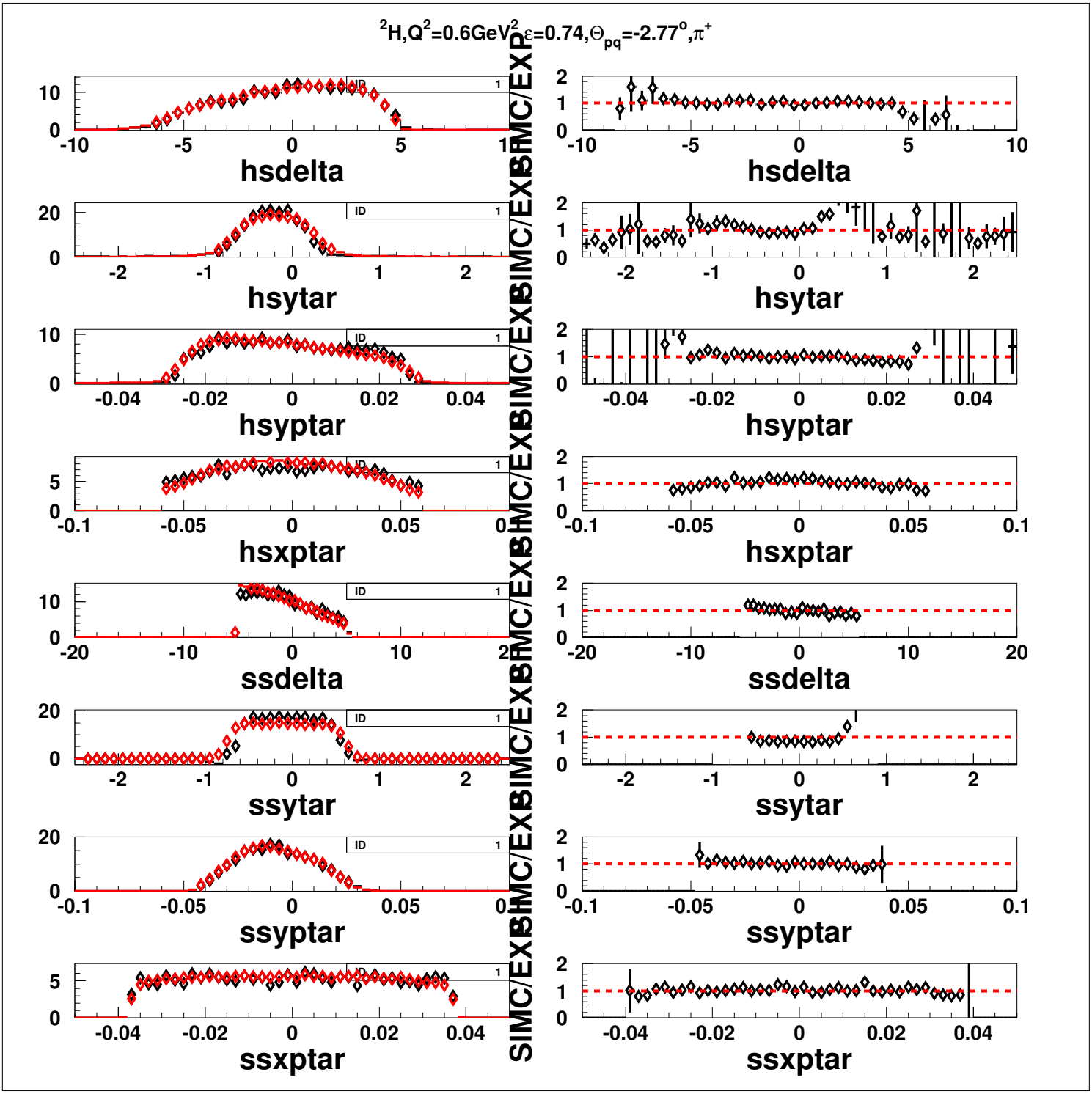
^{2}H,Q^2=0.6GeV^{2}ε=0.74,Θ$_{pq}$=-2.77°,π$^+$
SIMC/EXP
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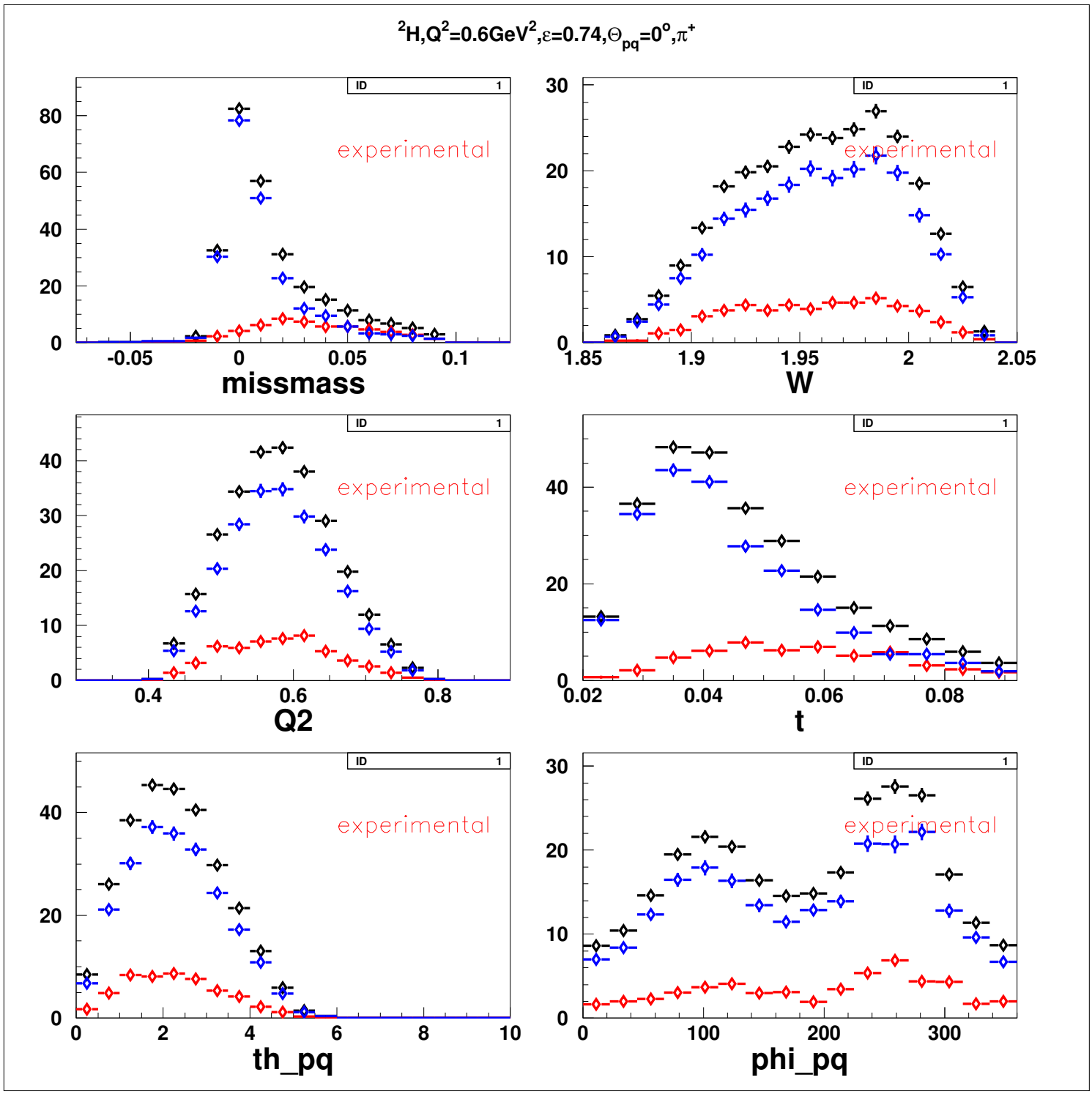
ID
1


^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=0°,π$^+$
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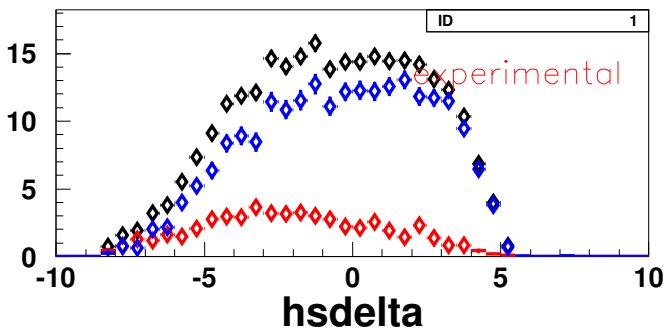
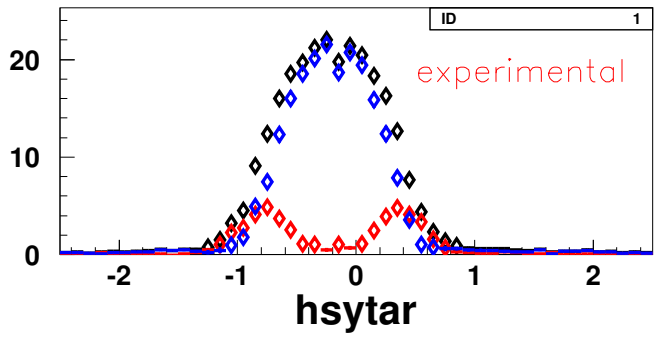
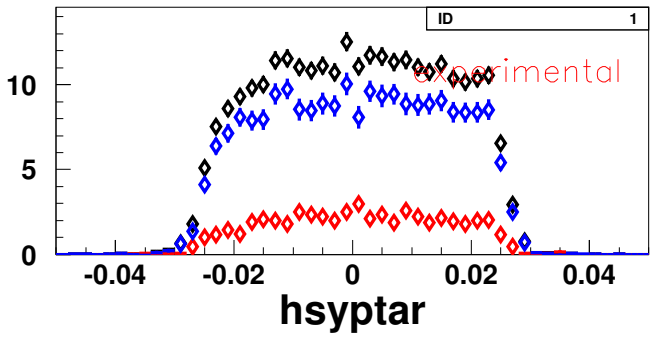
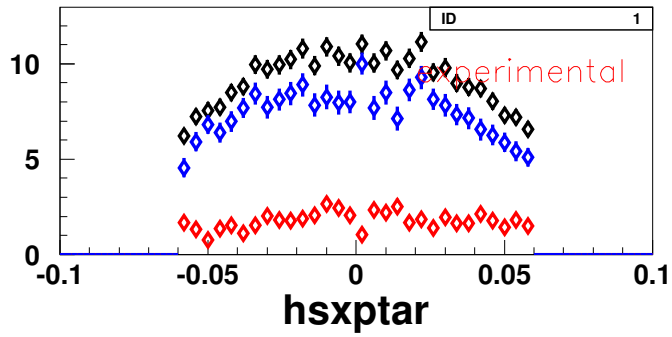
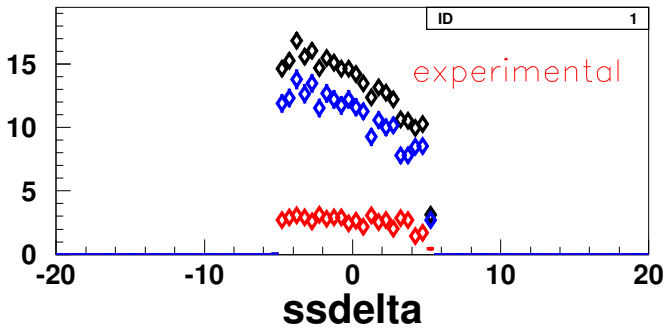
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.74, \Theta_{pq}=0^o, \pi^+$

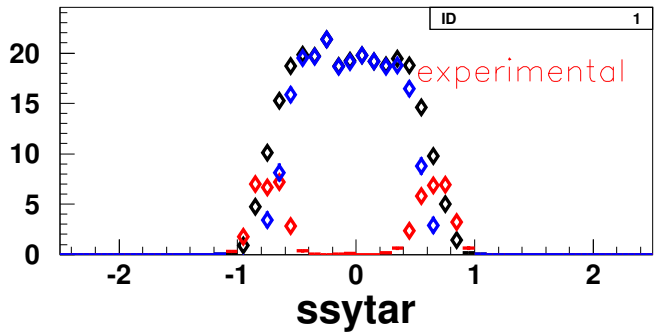


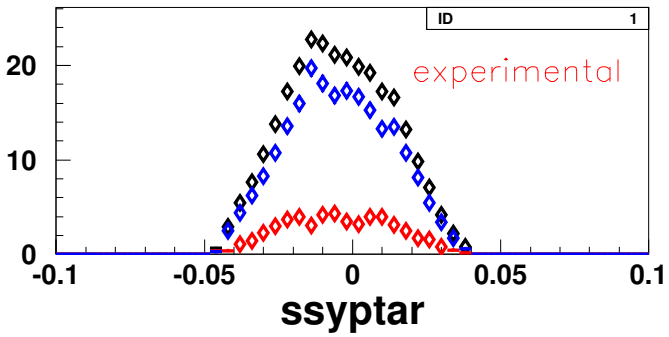


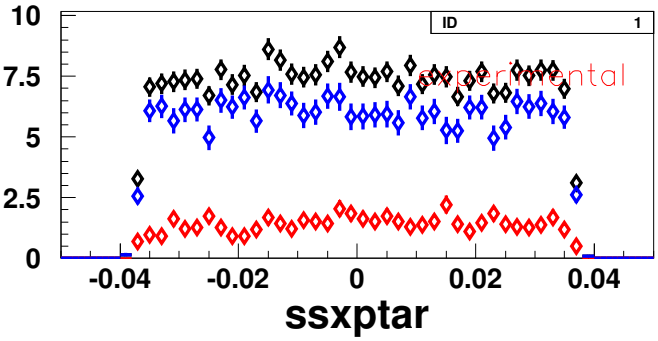




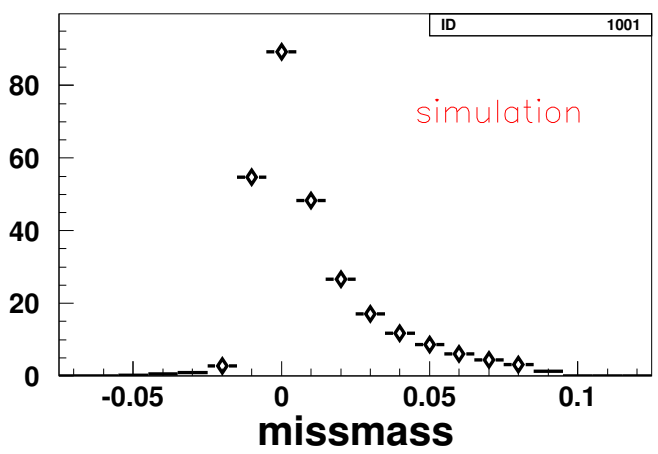


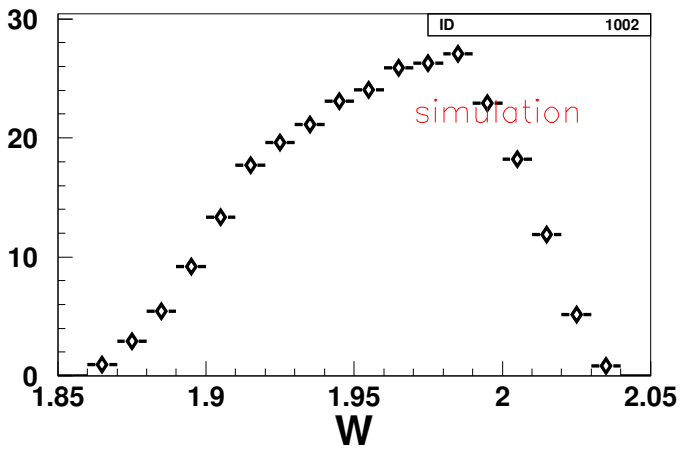


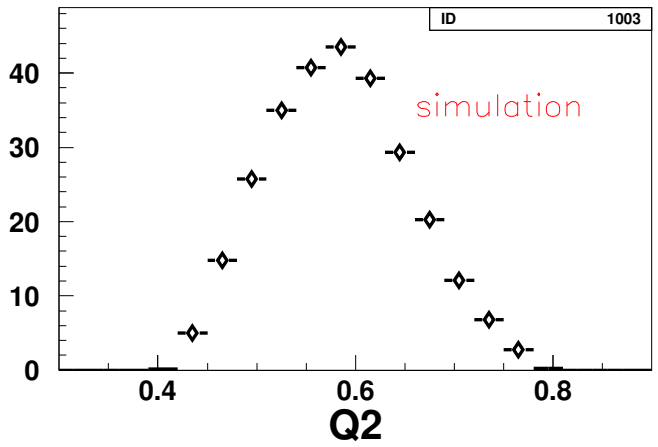


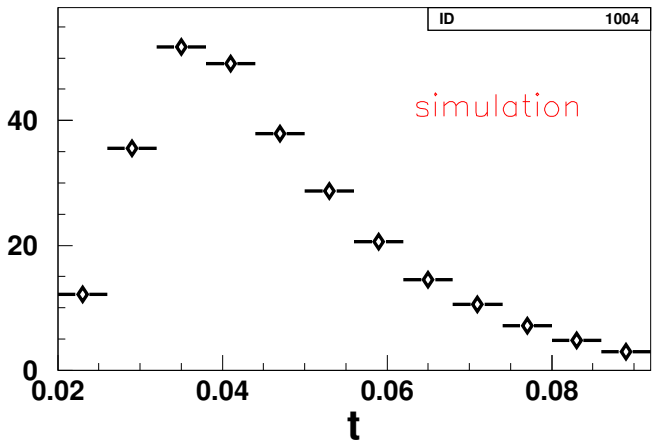


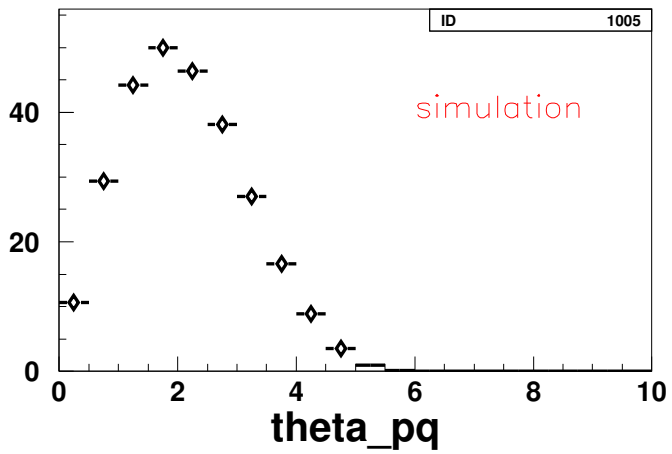
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.74, \Theta_{pq}=0^o, \pi^+, simc$

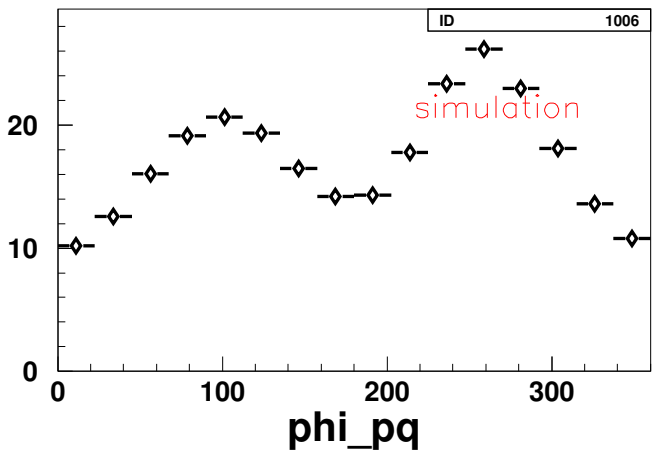




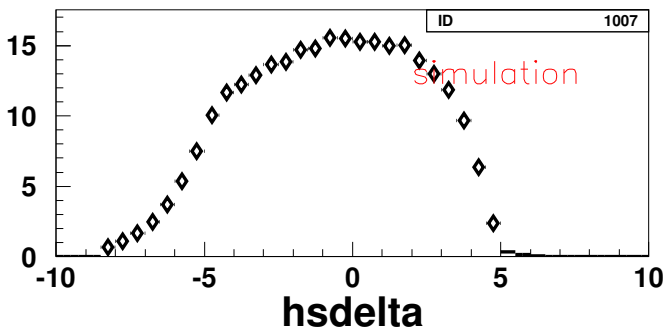


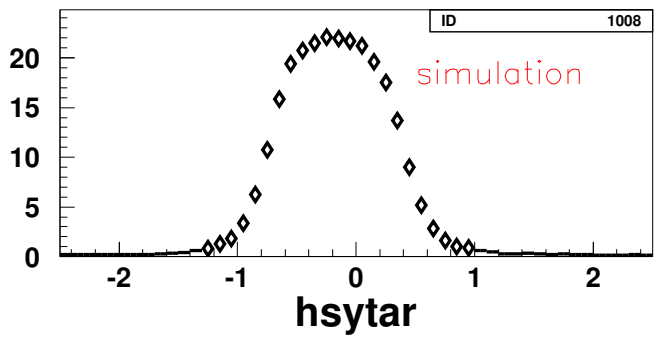


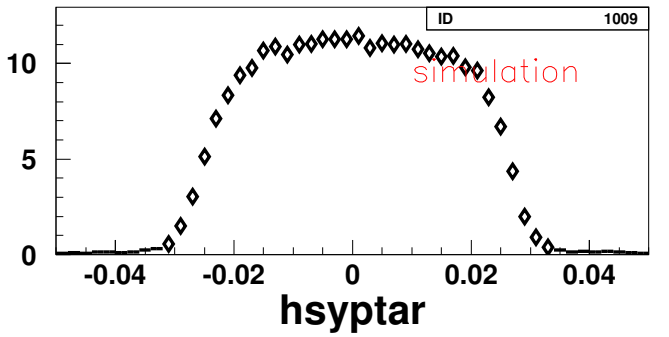


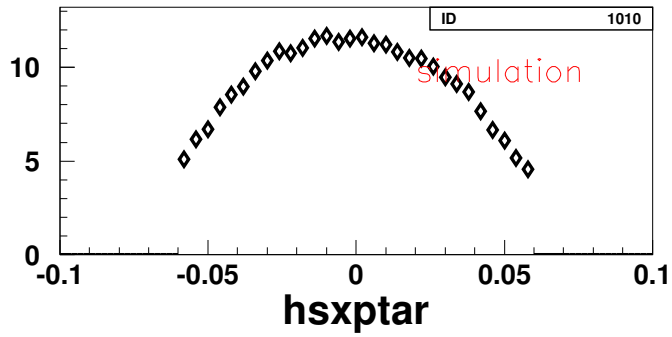


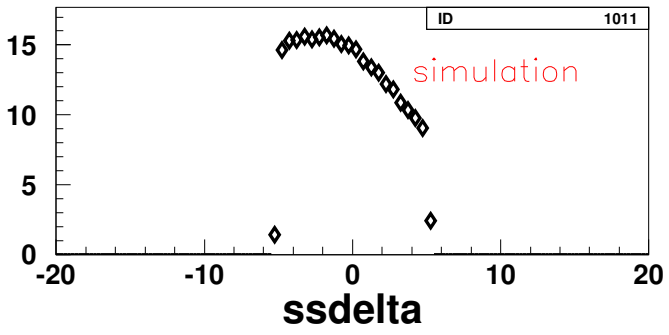
^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ_{pq}=0^o,π^+,simc

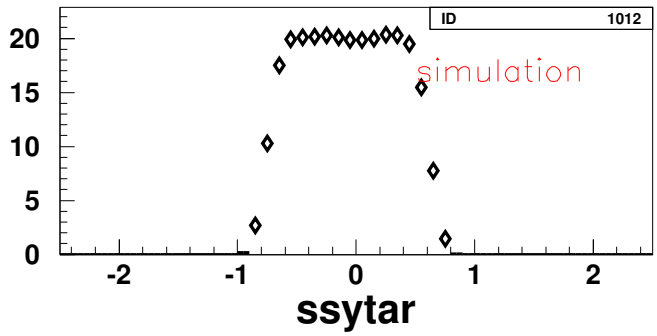


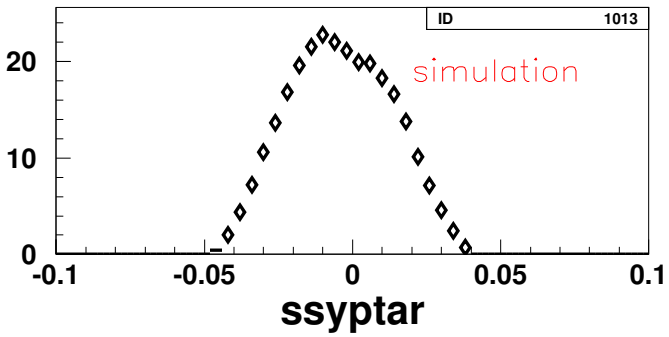


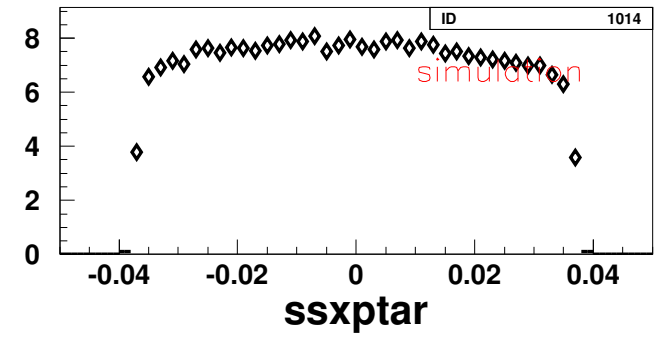


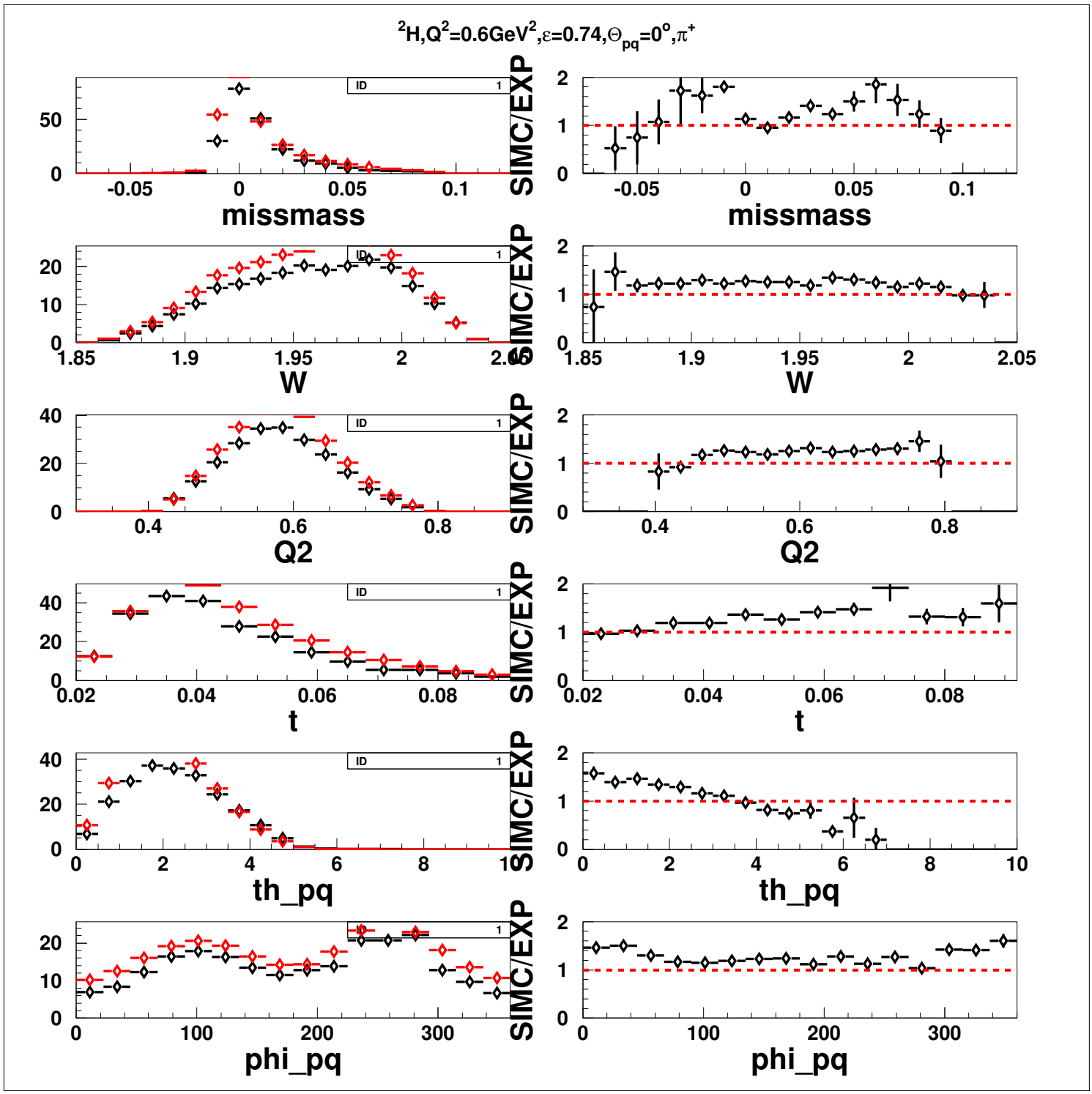


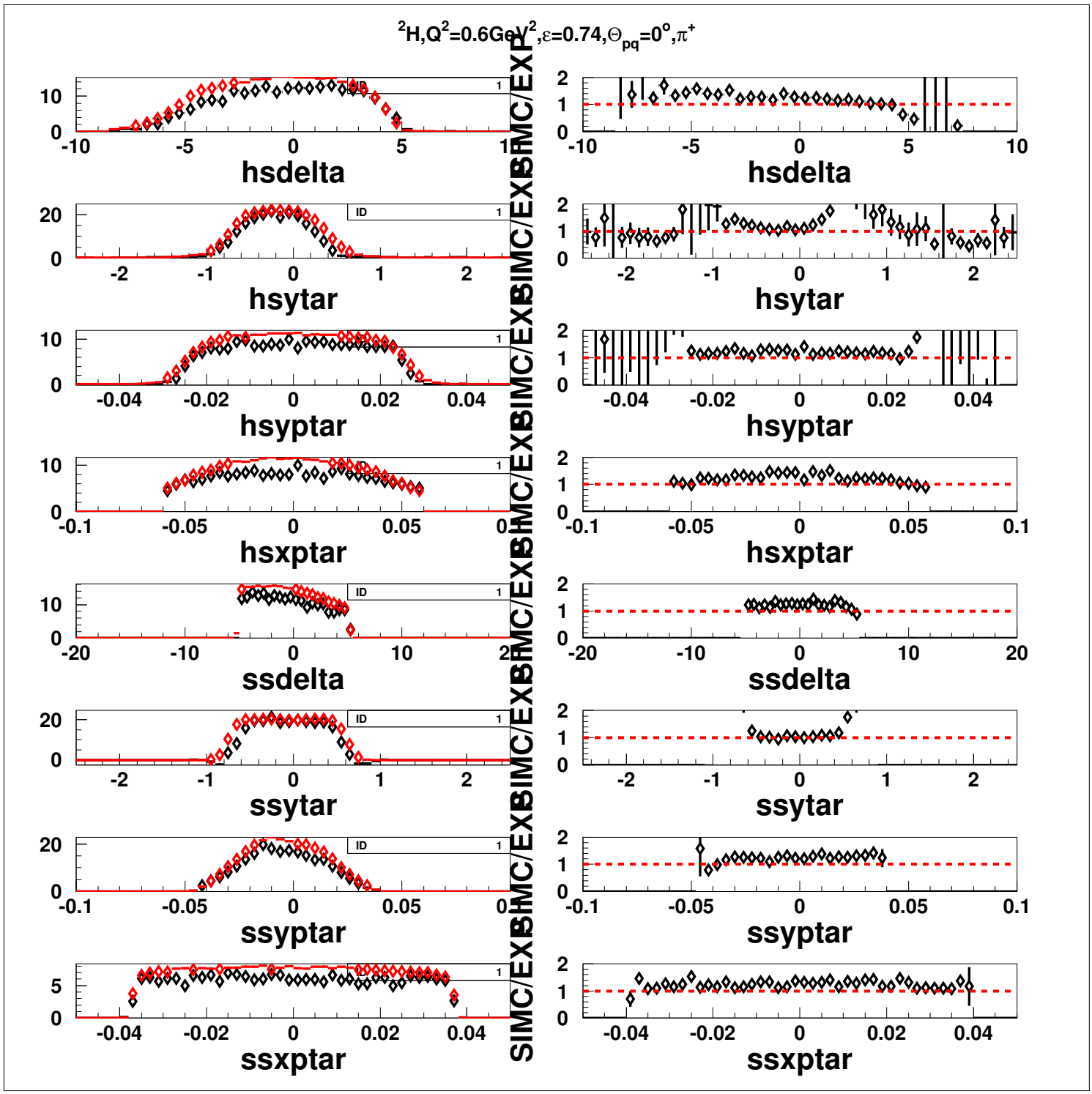




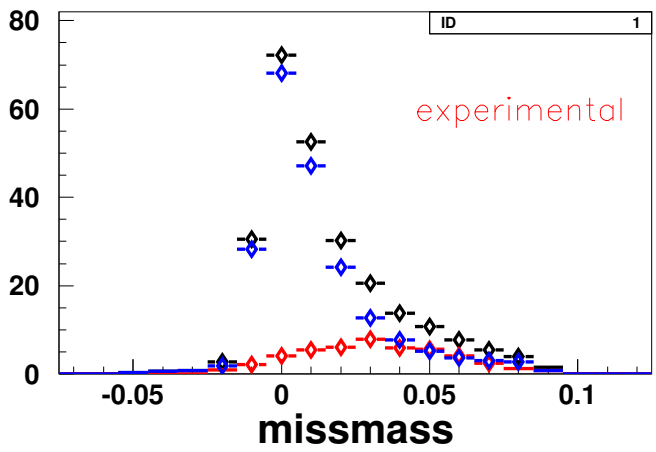


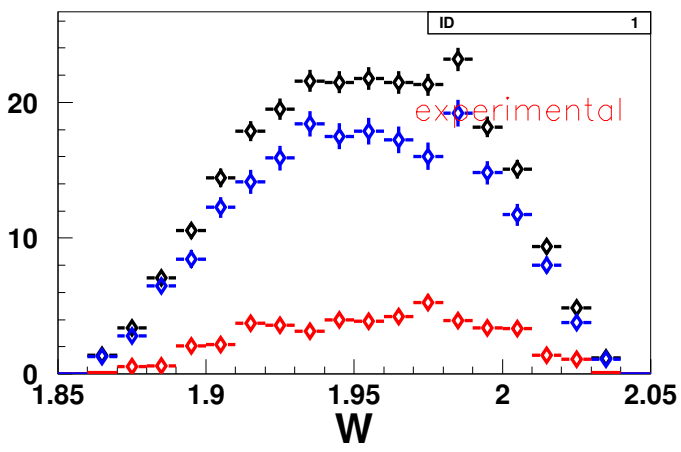


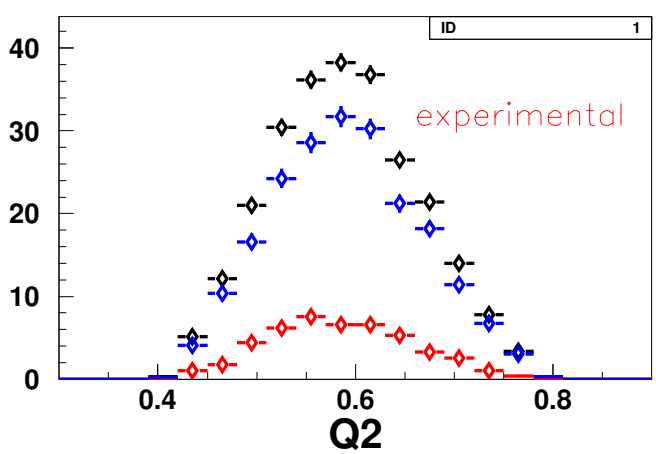

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=0°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

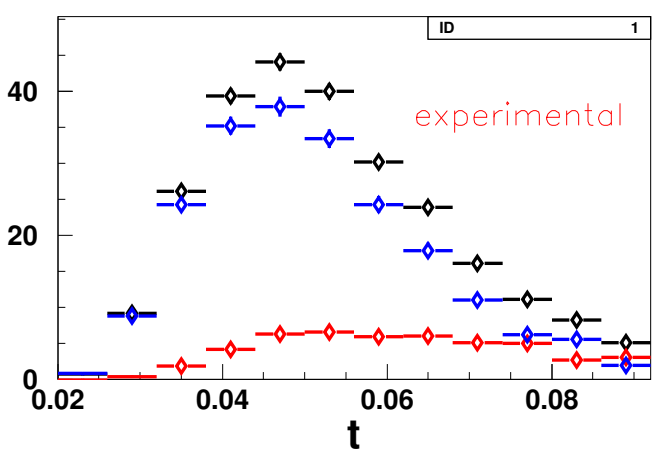

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=0°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID

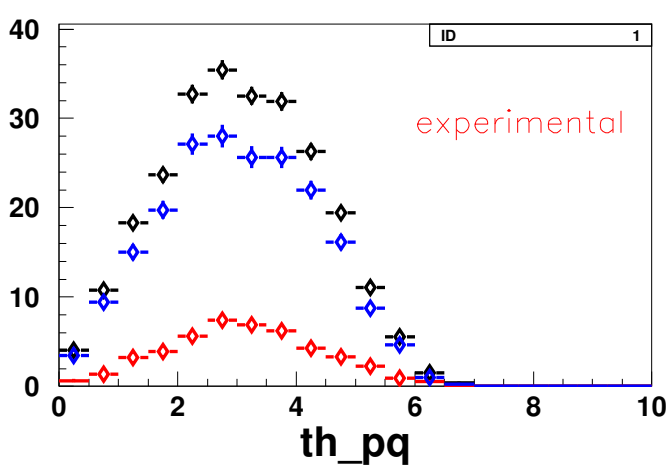
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.74, \Theta_{pq}=2^o, \pi^+$

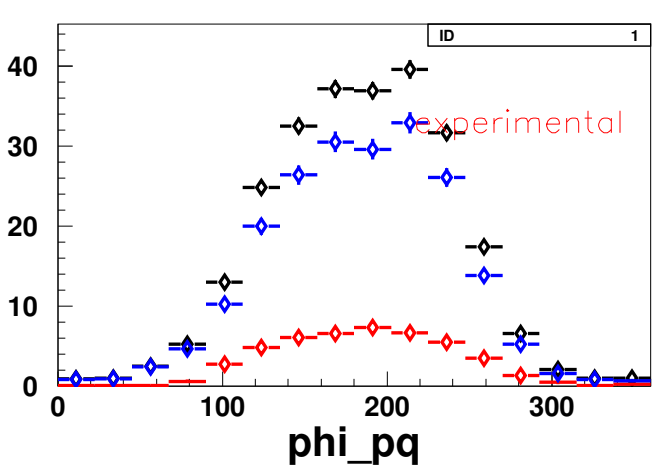




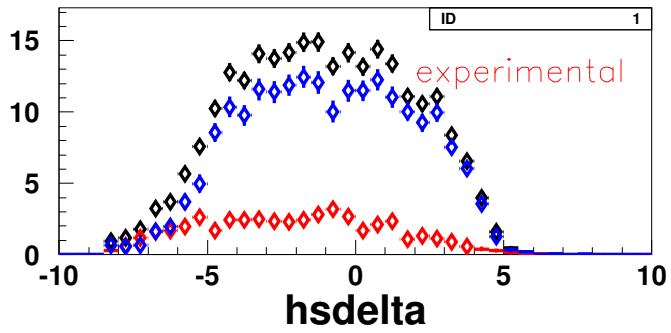


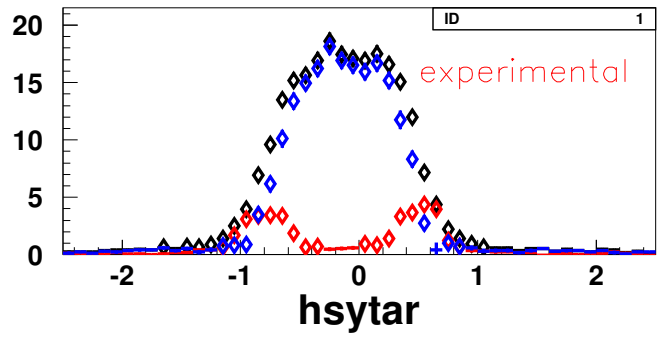


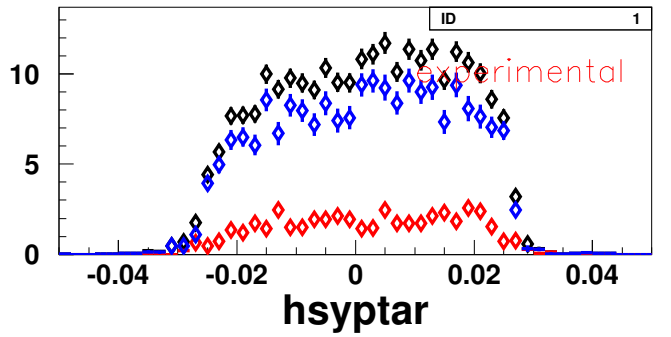


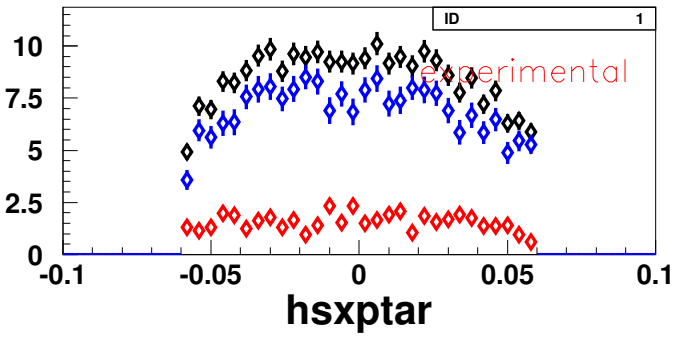


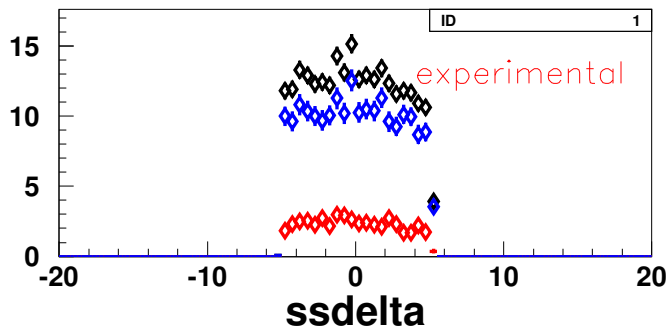
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.74, \Theta_{pq}=2^o, \pi^+$

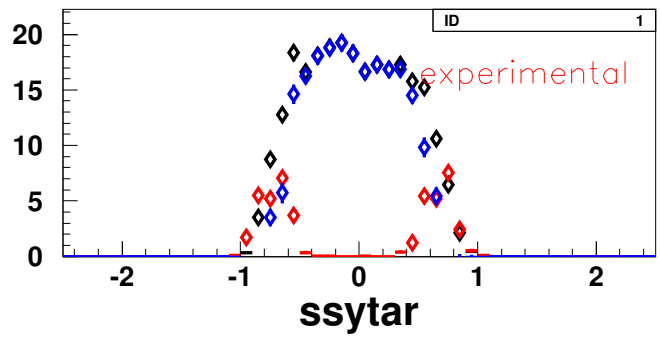


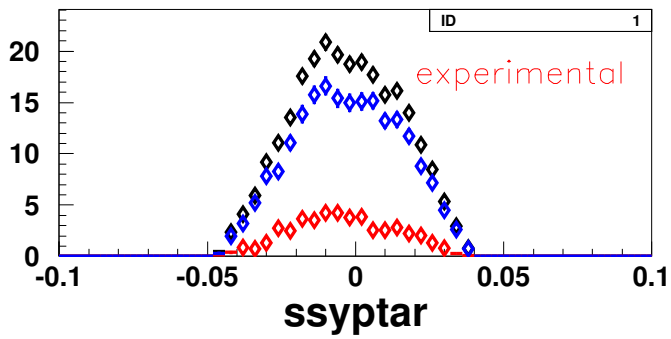


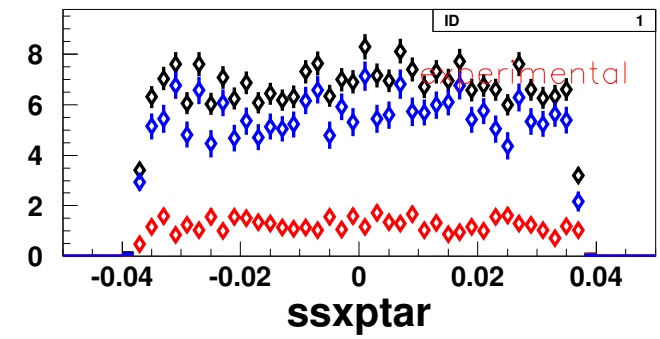




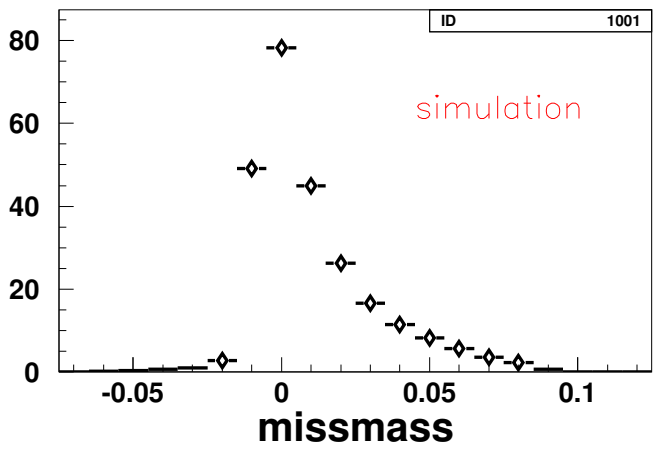


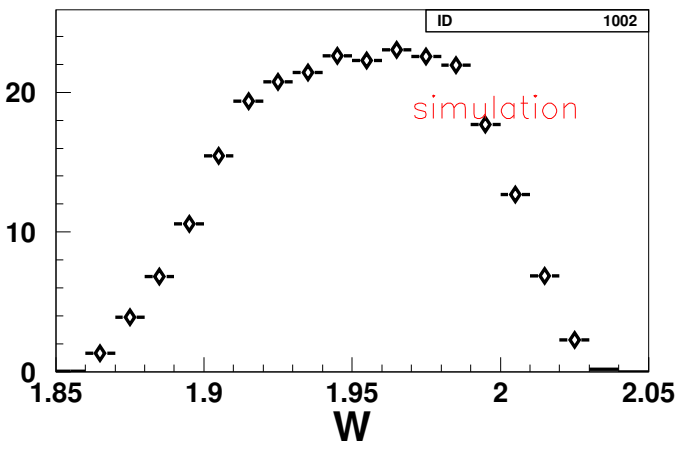


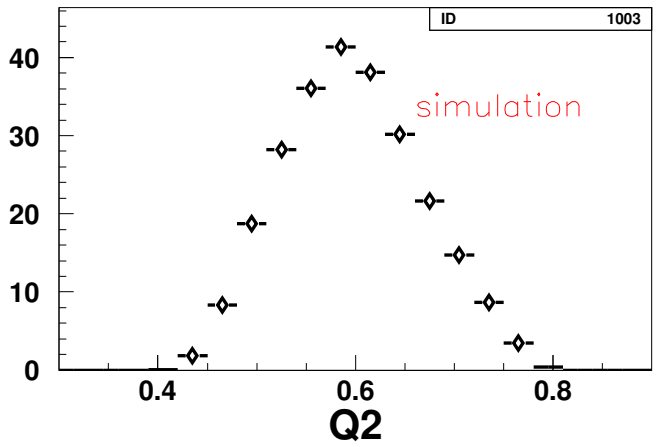


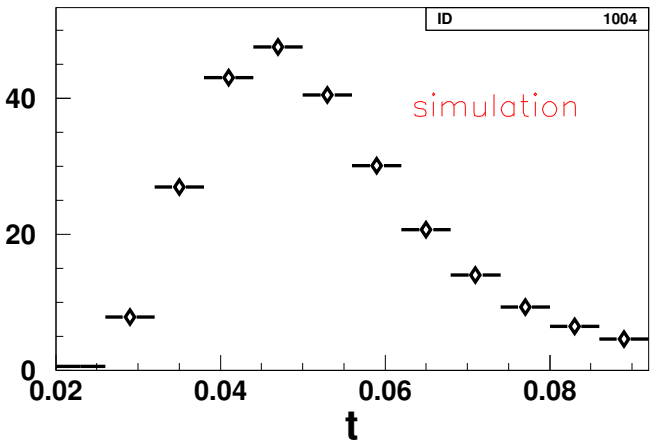


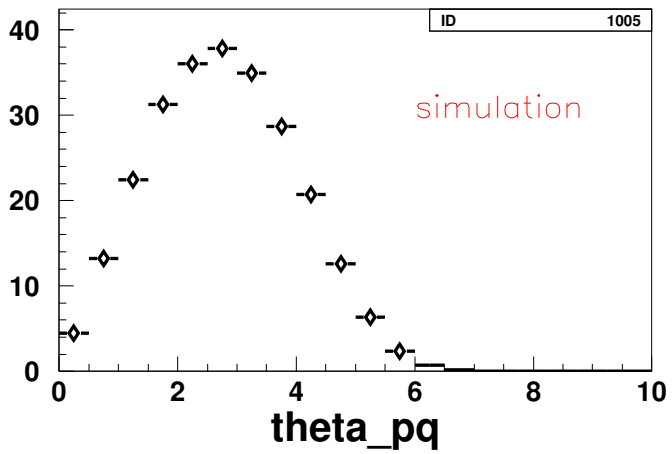
$^2H,Q^2=0.6GeV^2,\varepsilon=0.74,\Theta_{pq}=2^o,\pi^+,simc$

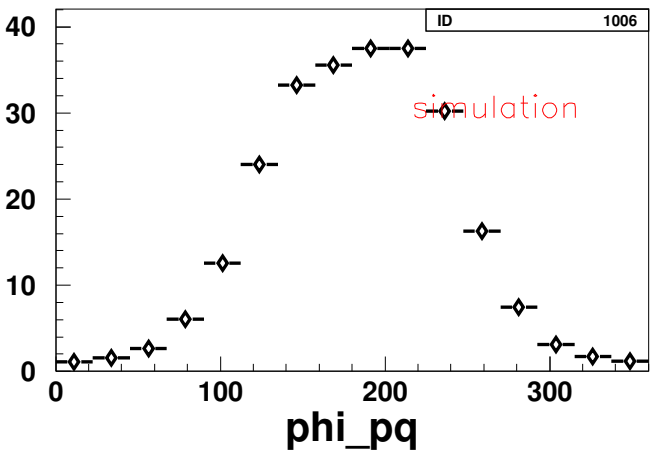




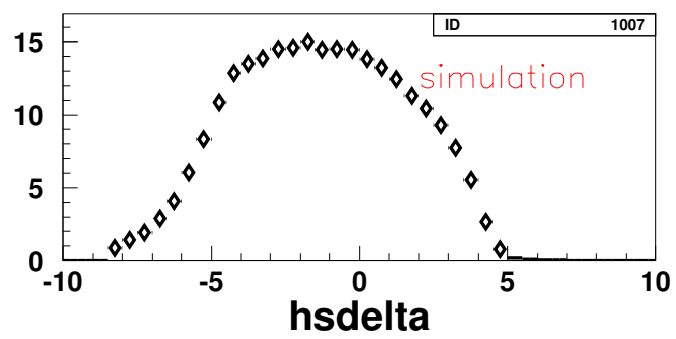


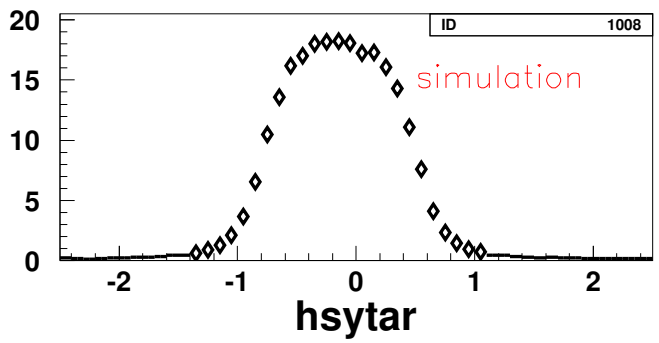


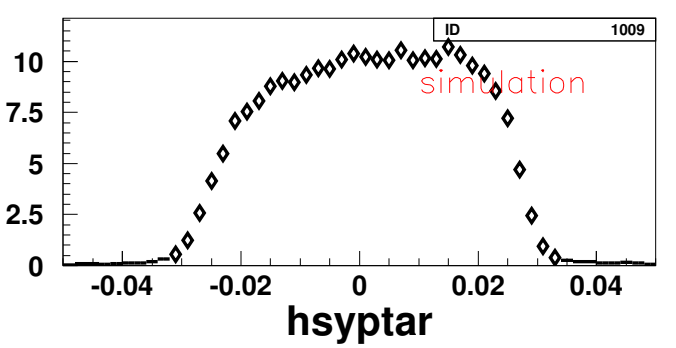


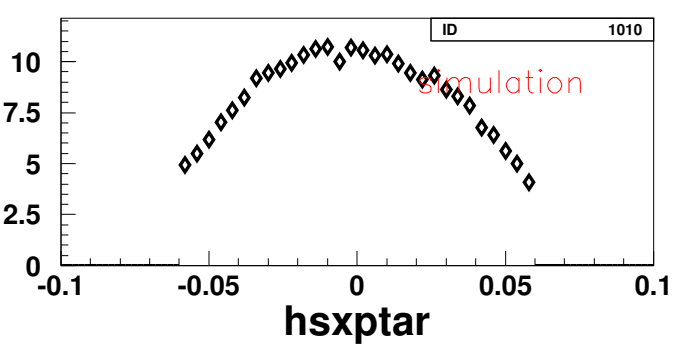


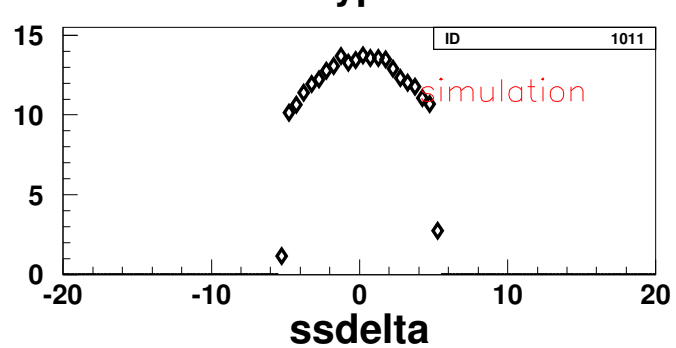
^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ_{pq}=2^o,π^+,simc

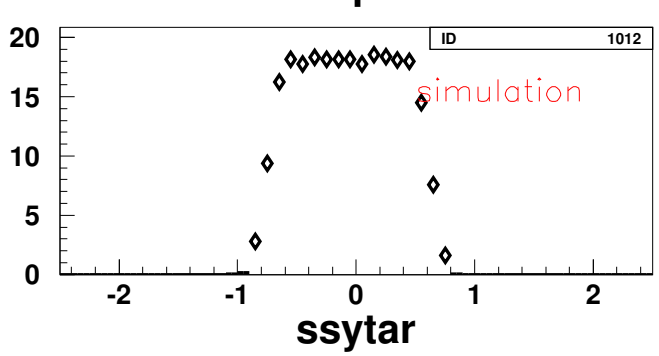


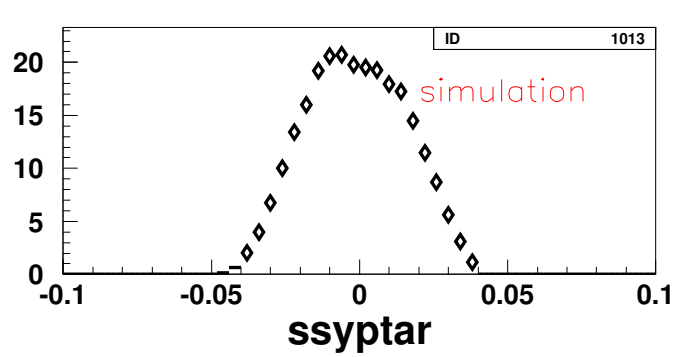


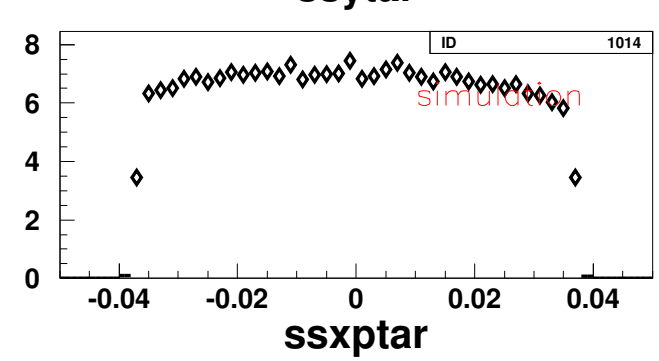


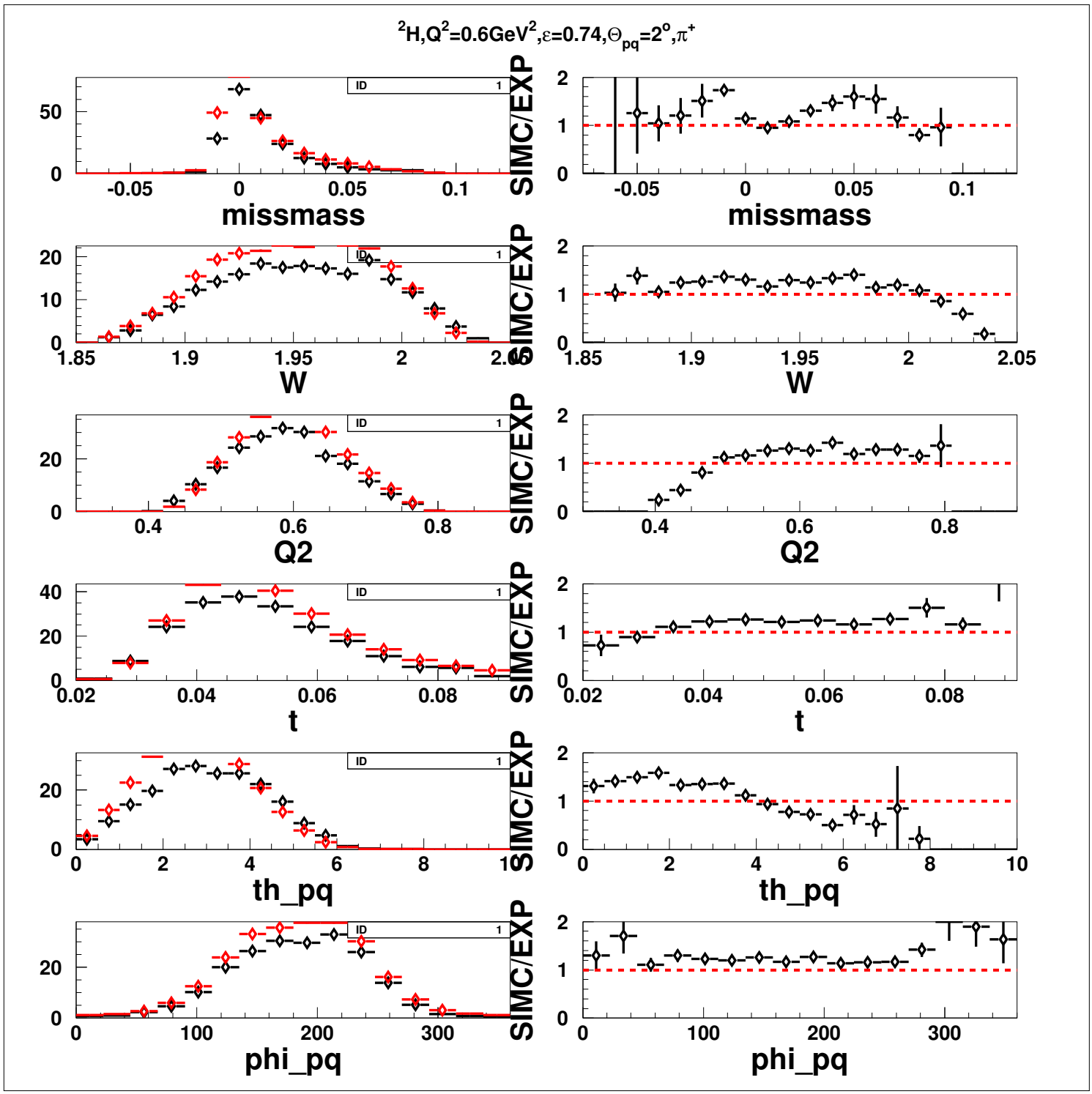


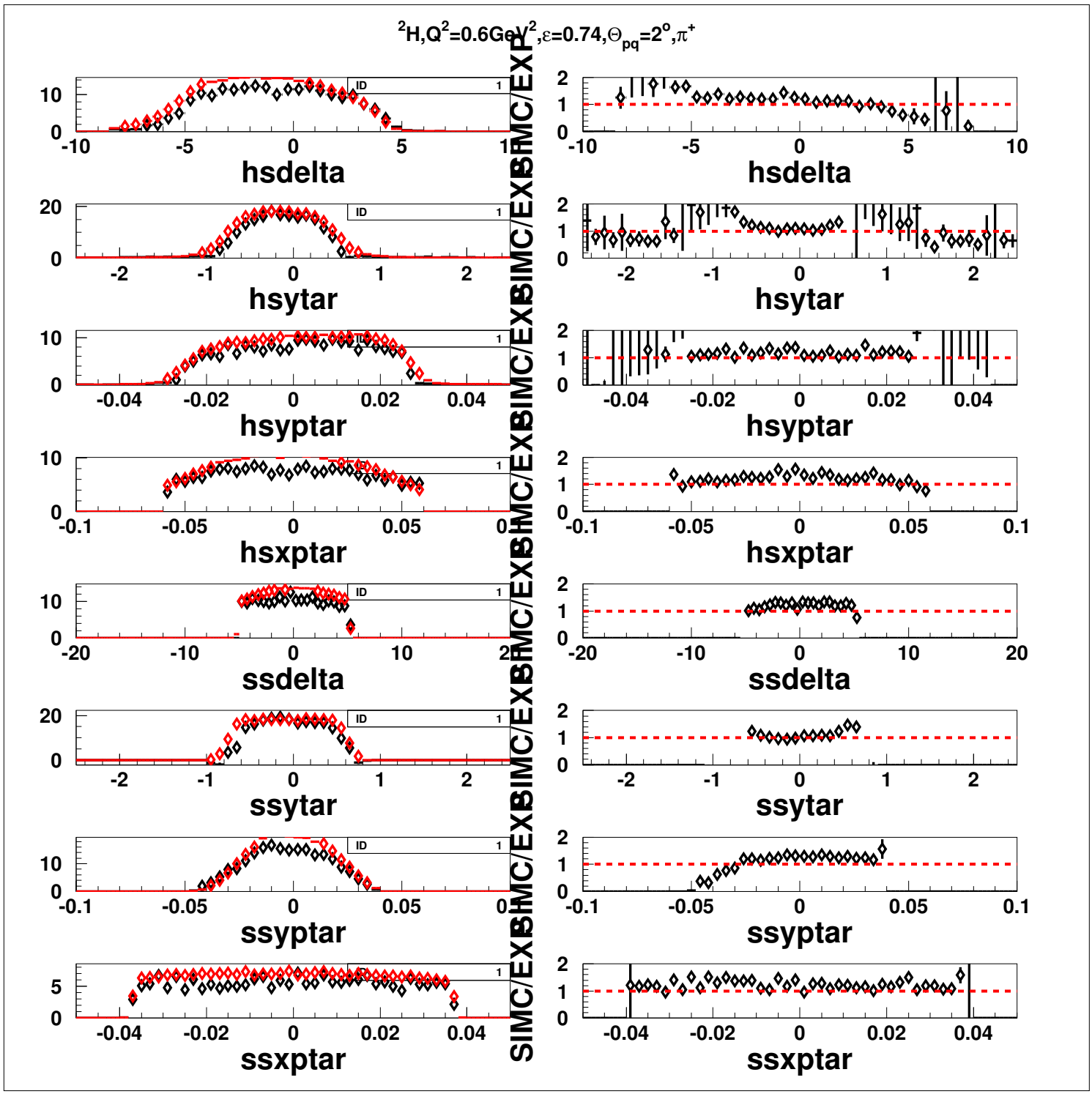


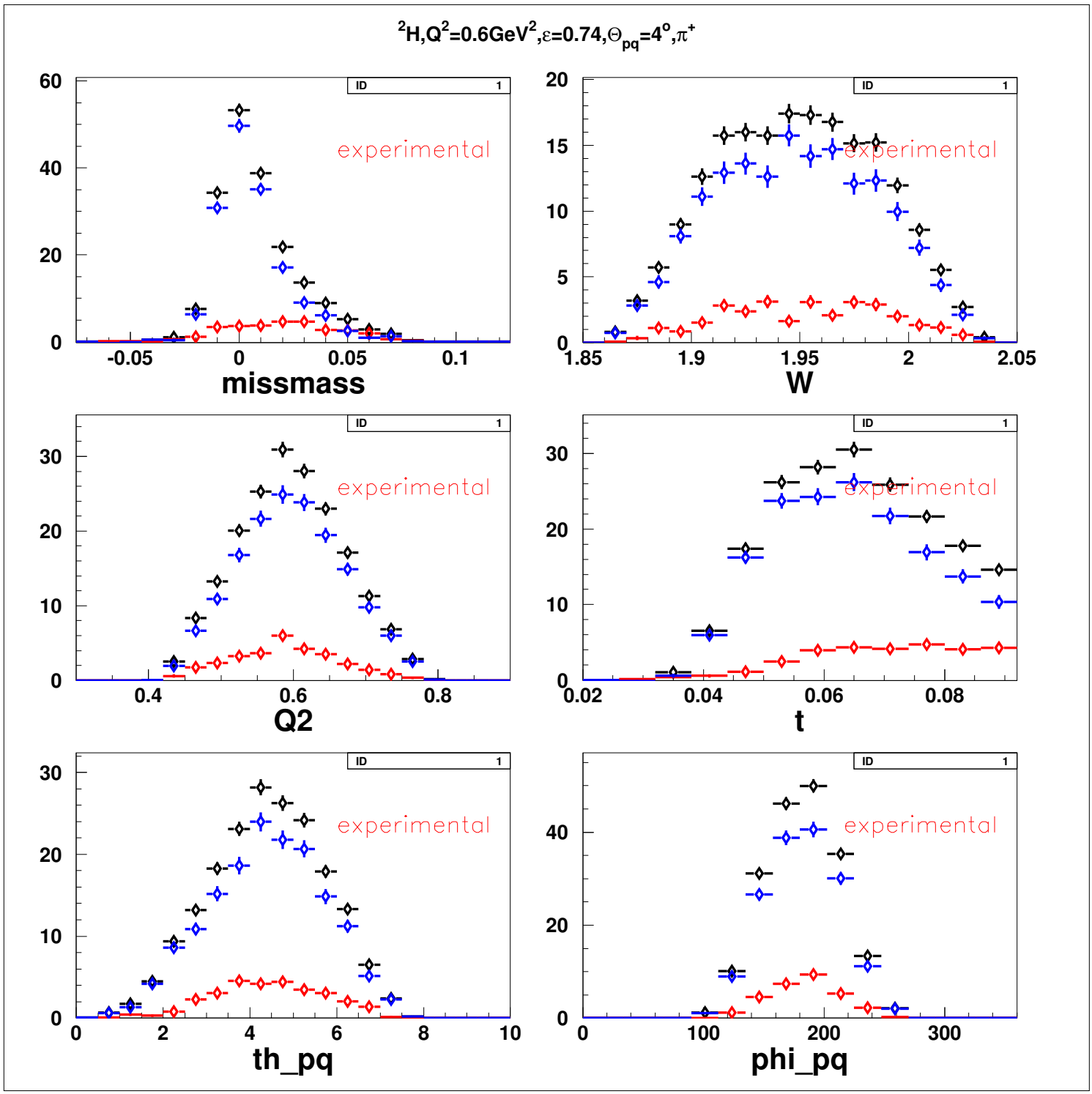




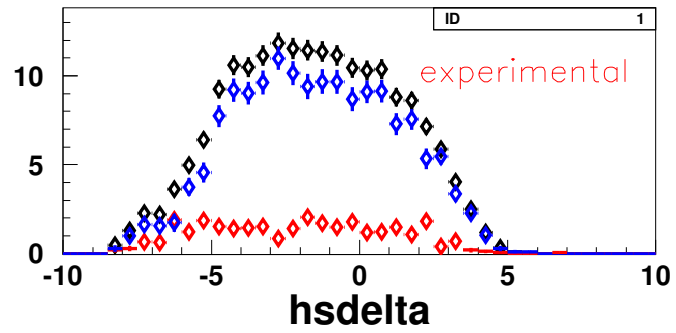


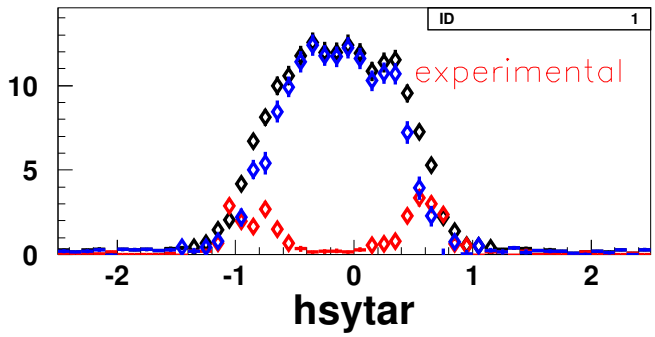

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=2°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

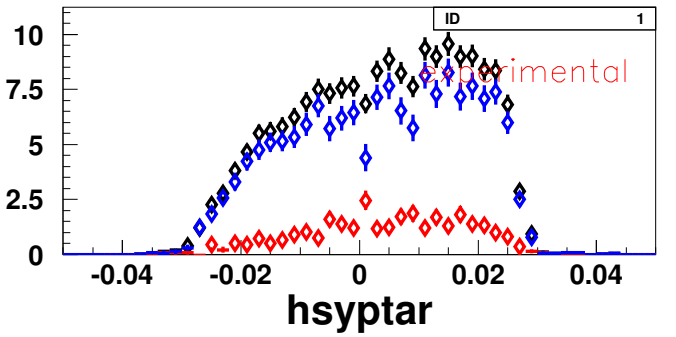

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=2^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID 1

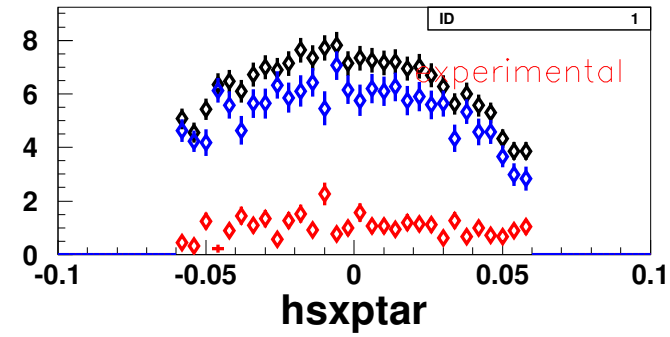

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=4°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

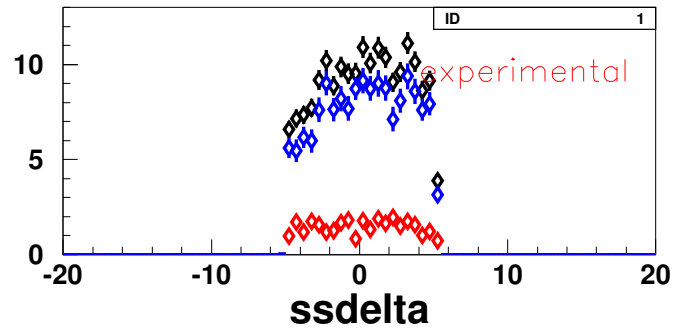
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.74, \Theta_{pq}=4^o, \pi^+$

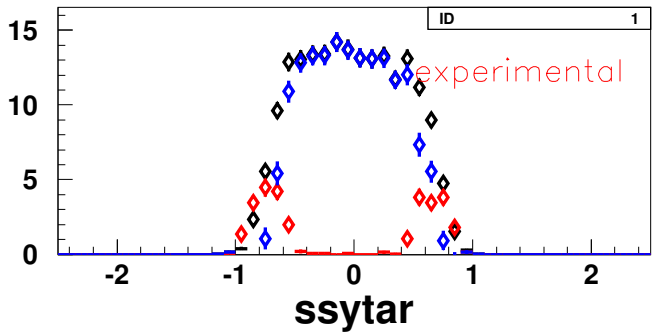


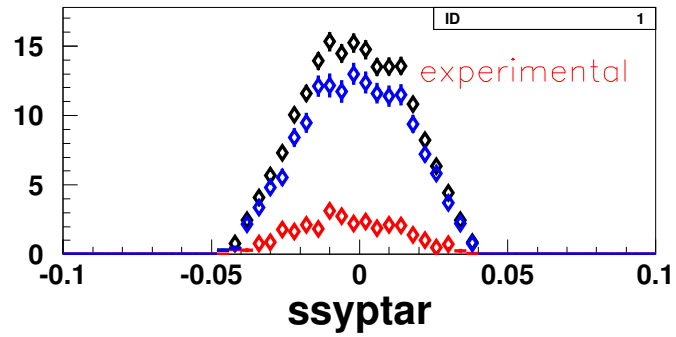


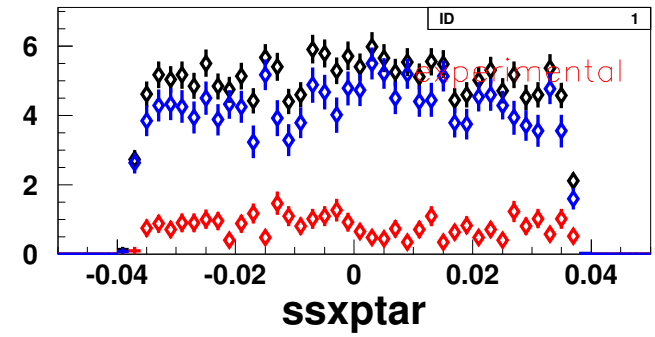


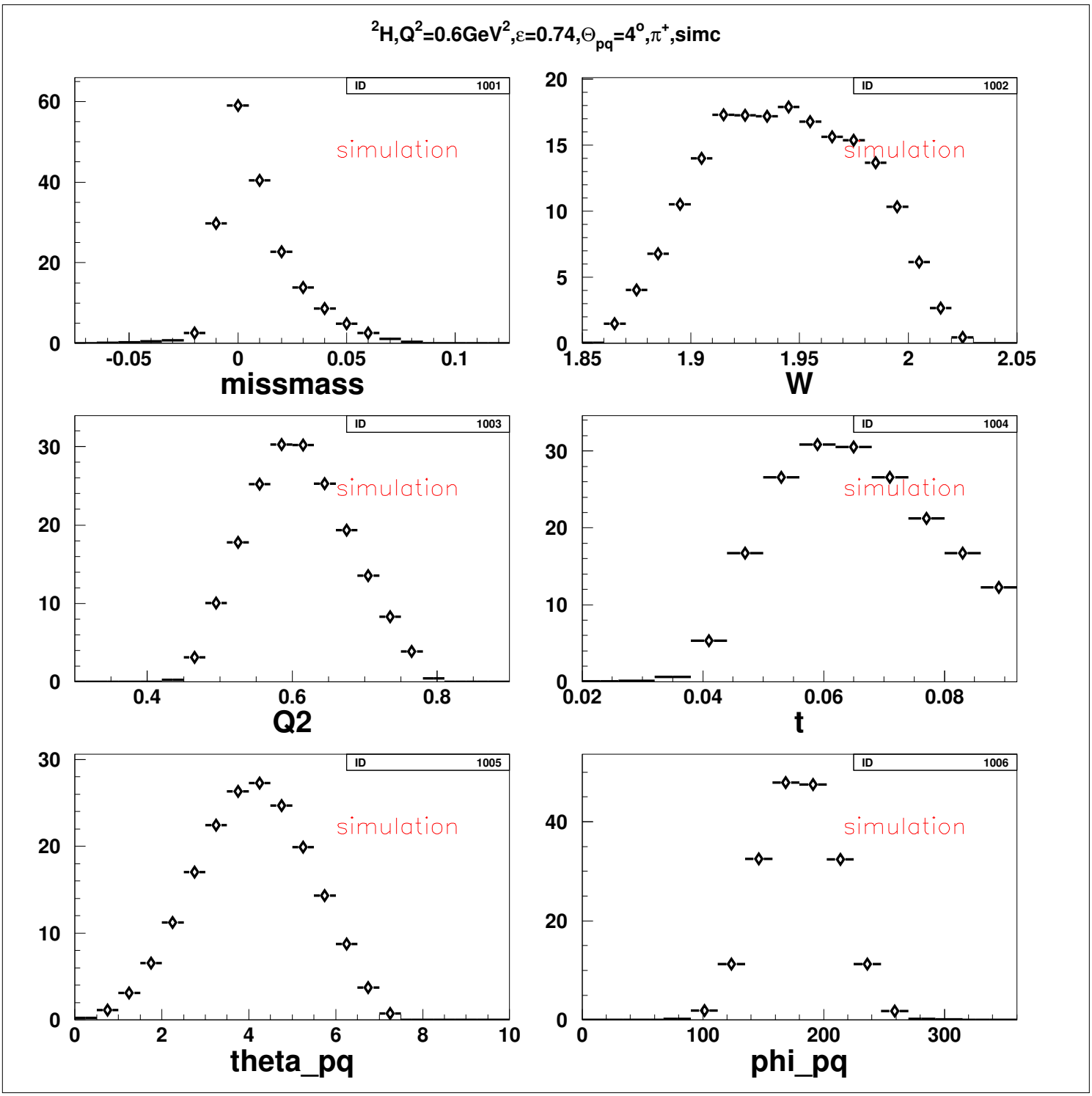




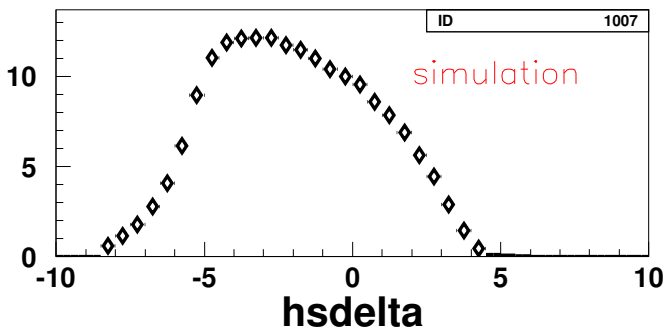


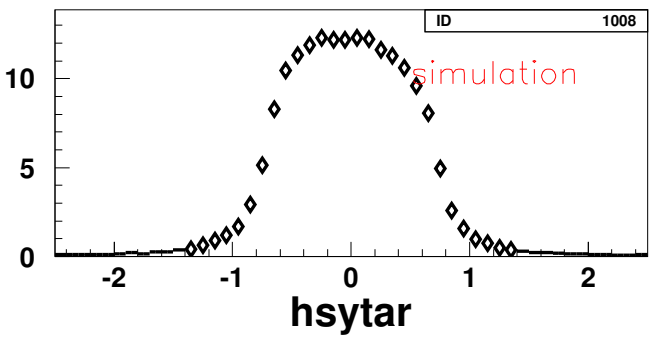


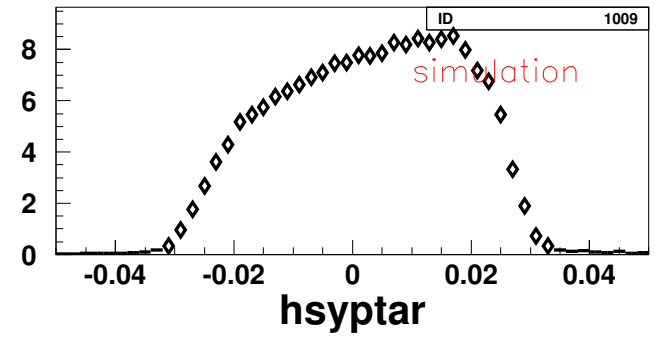


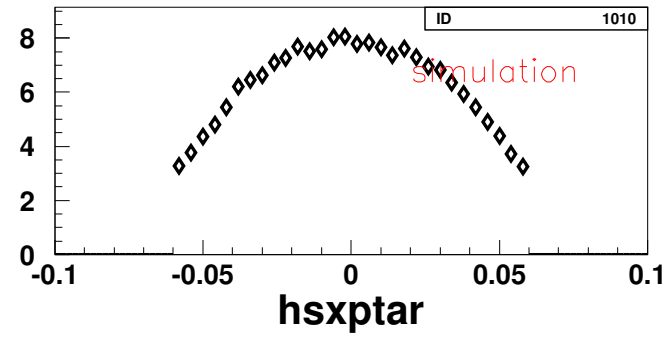

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=4°,π$^+$,simc
ID 1001
simulation
missmass
ID 1002
simulation
W
ID 1003
simulation
Q2
ID 1004
simulation
t
ID 1005
simulation
theta_pq
ID 1006
simulation
phi_pq

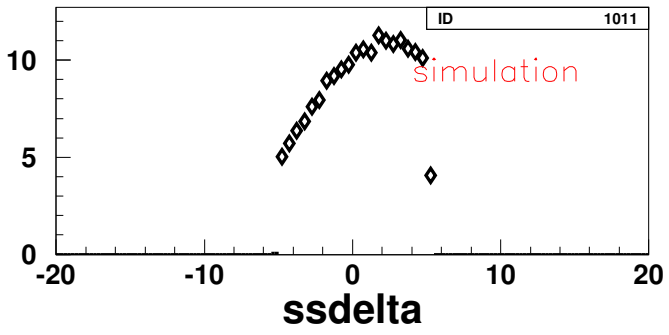
$^2H, Q^2=0.6 GeV^2, \varepsilon=0.74, \Theta_{pq}=4^o, \pi^+, simc$

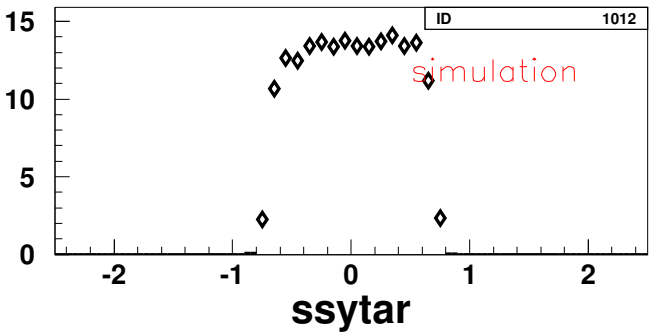


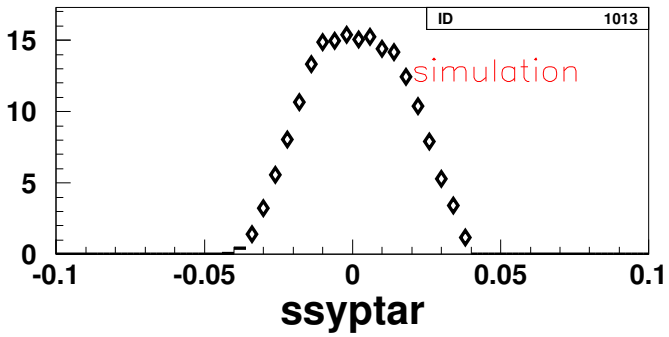


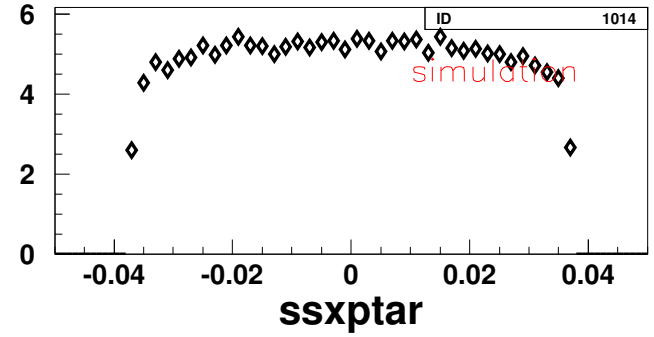


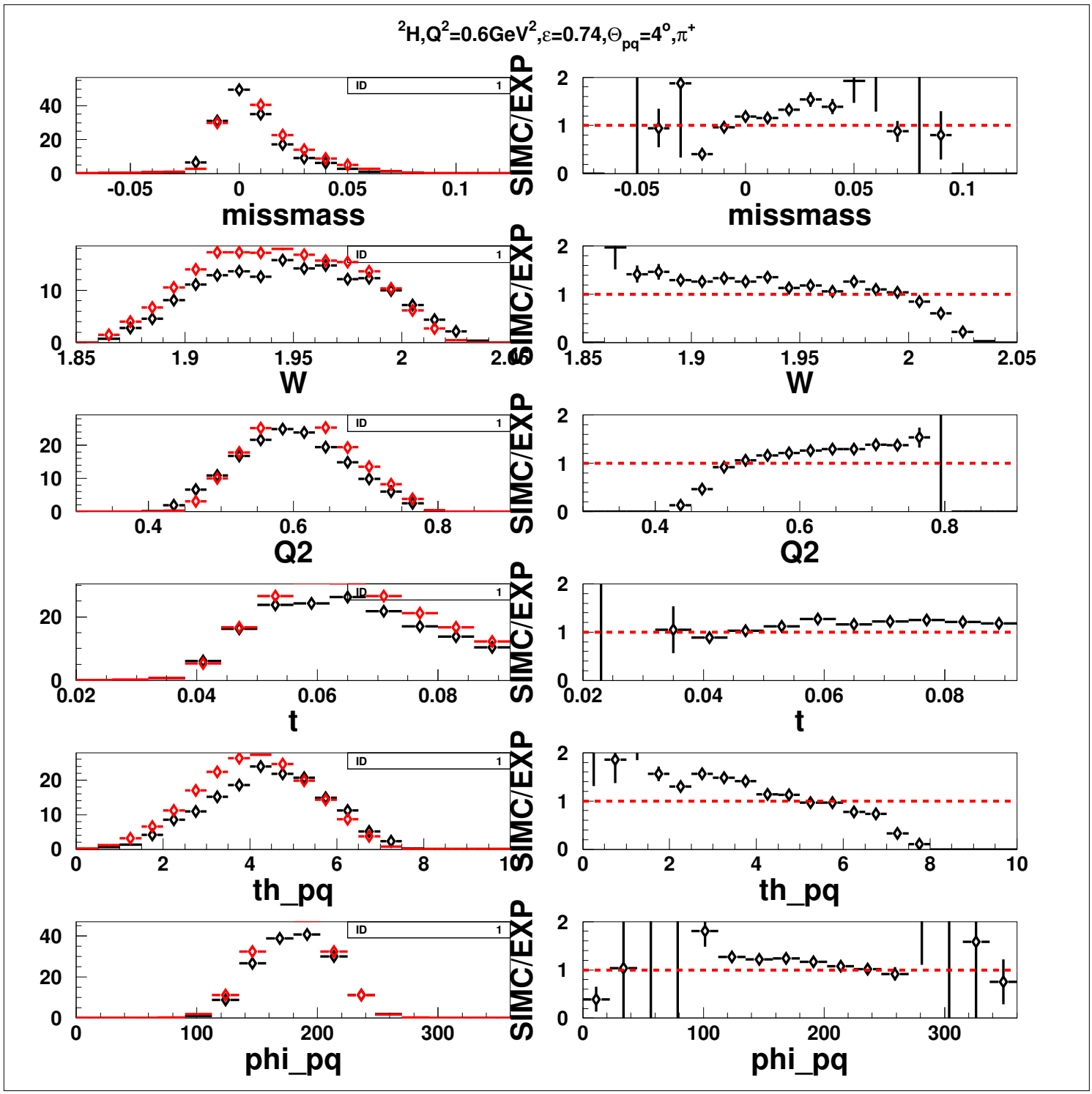


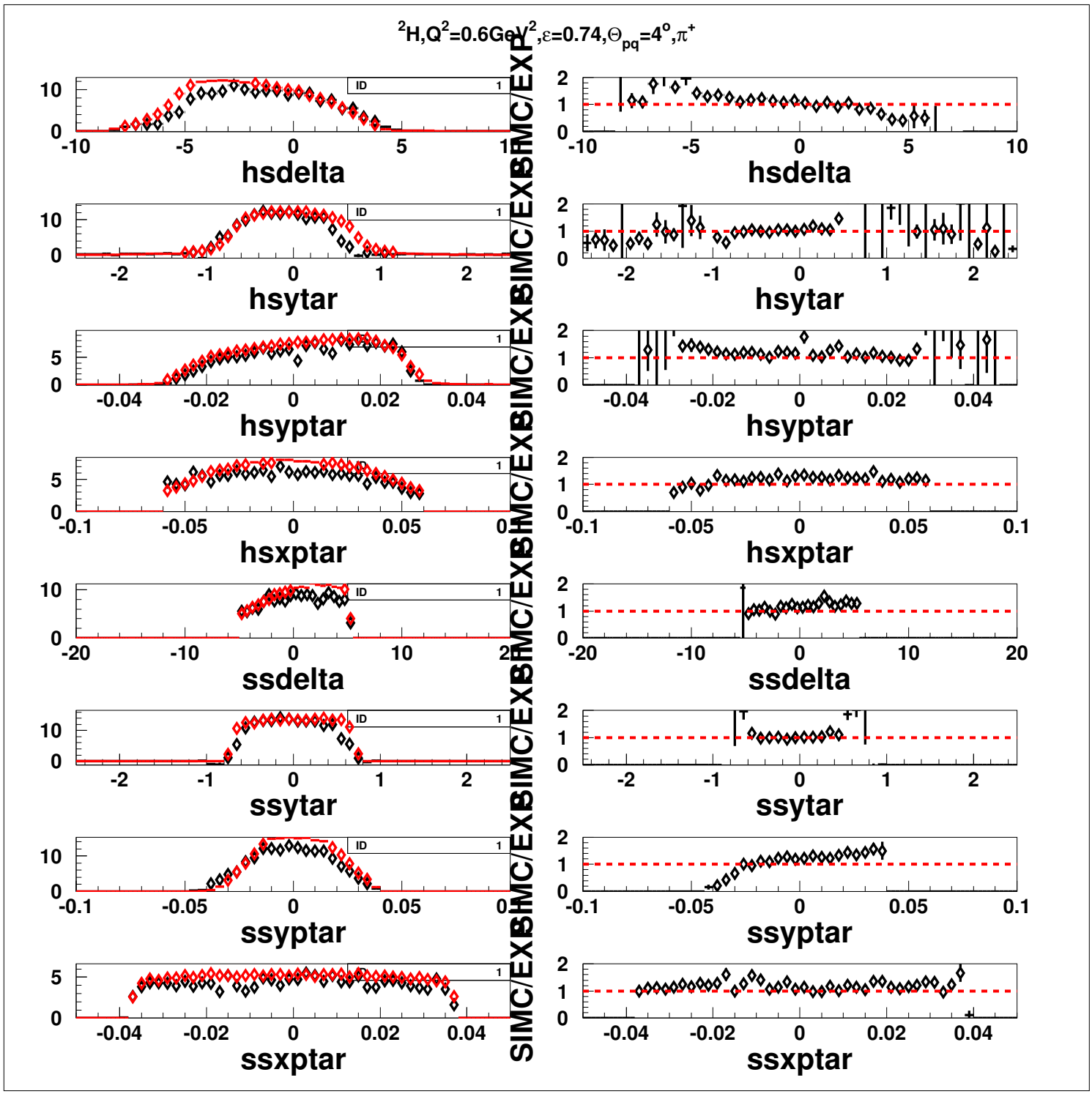


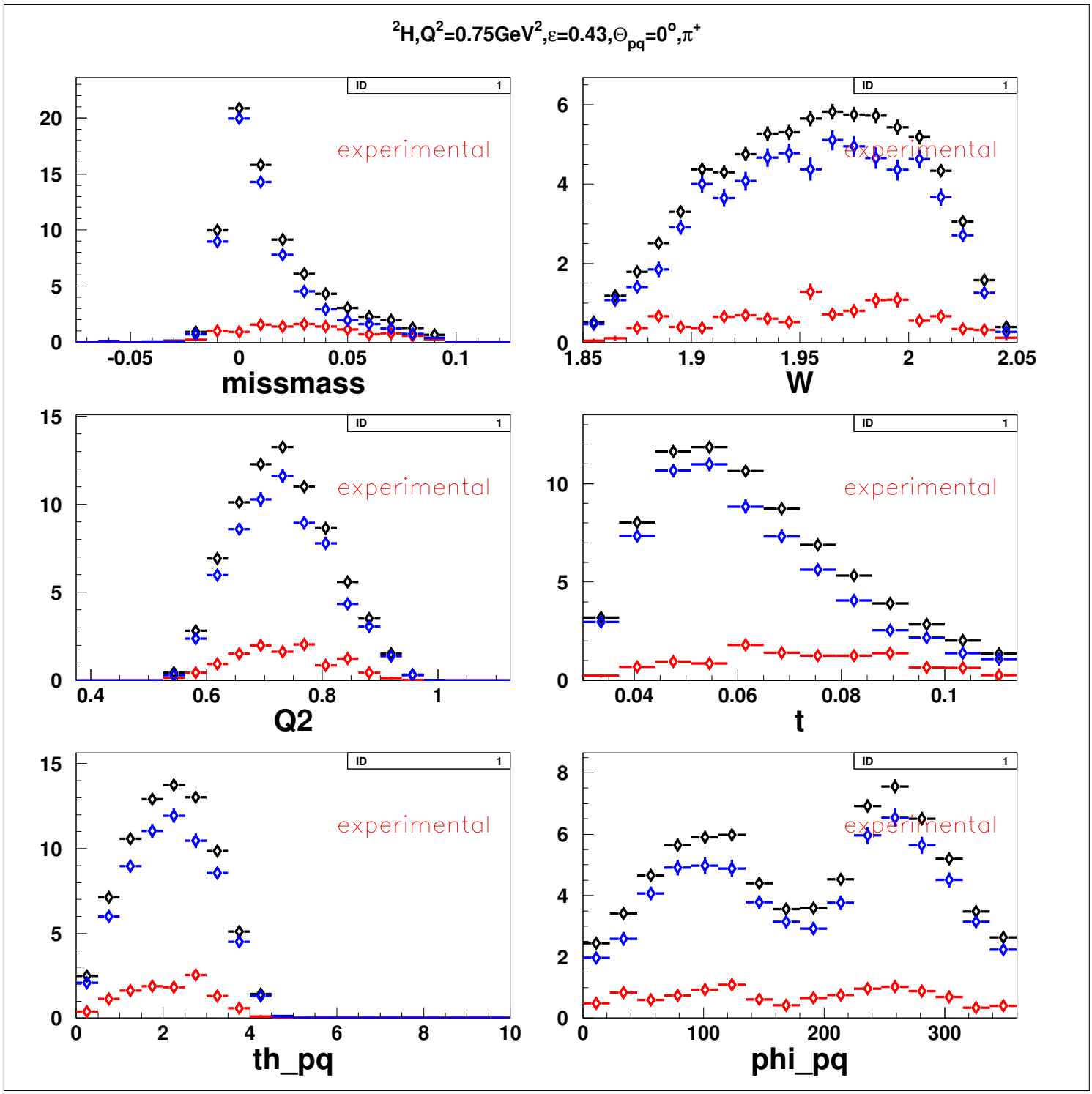




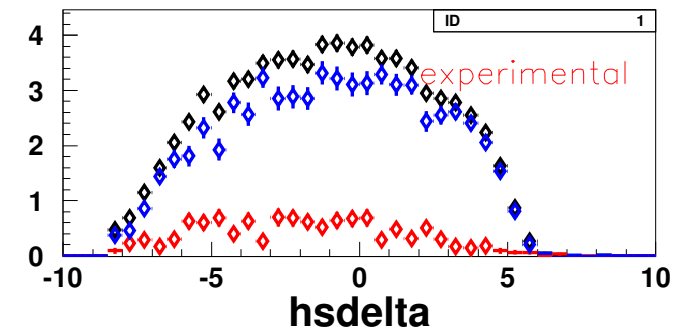


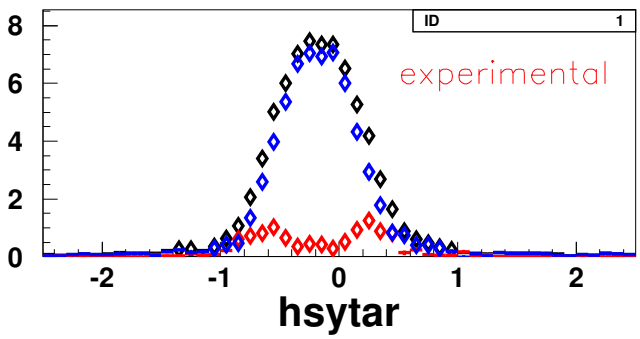

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=4°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

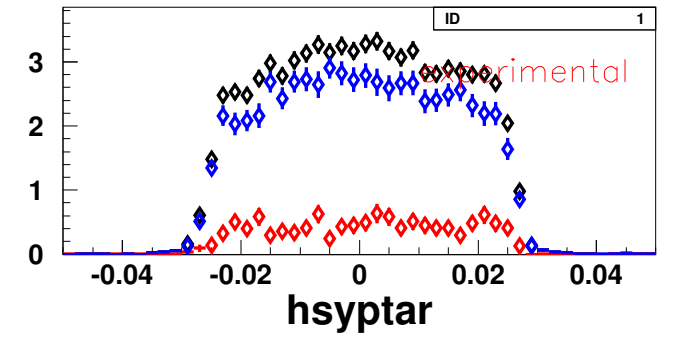

^{2}H,Q^2=0.6GeV^2,ε=0.74,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID

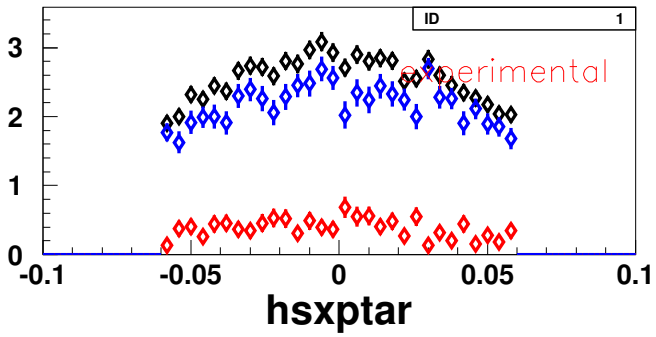

^{2}H,Q^2=0.75GeV^2,ε=0.43,Θ$_{pq}$=0°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

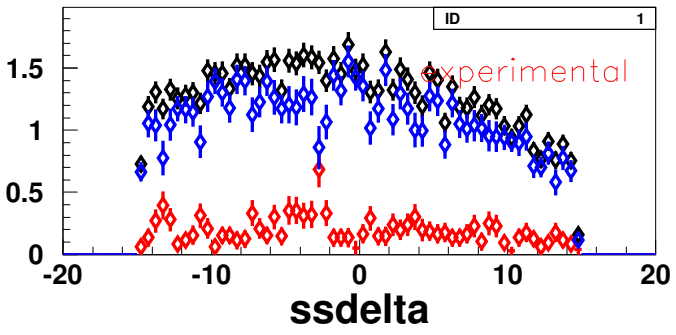
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.43, \Theta_{pq}=0^o, \pi^+$

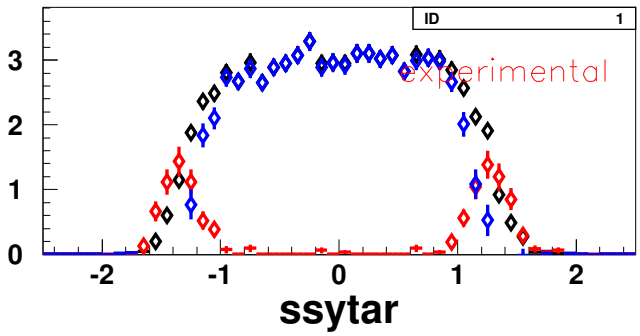


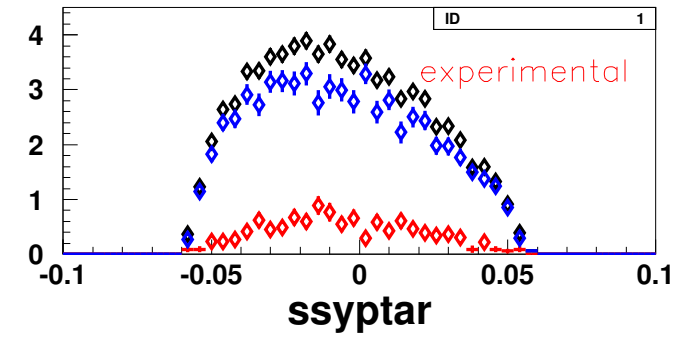


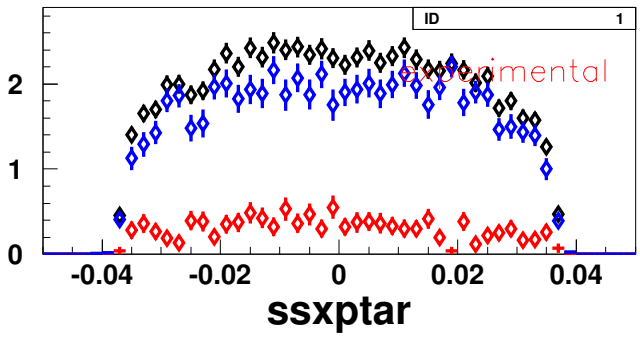




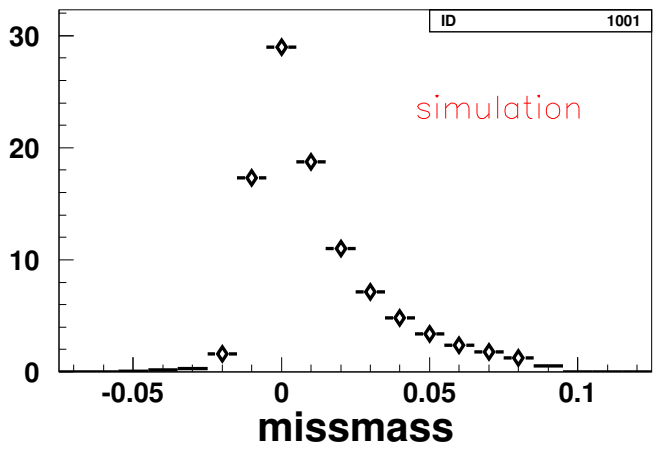


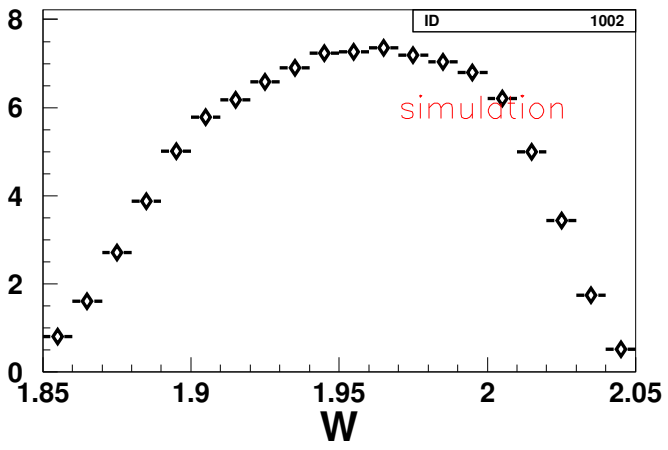


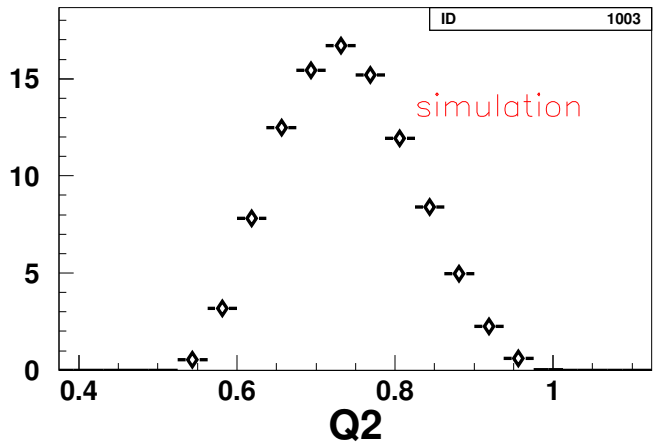


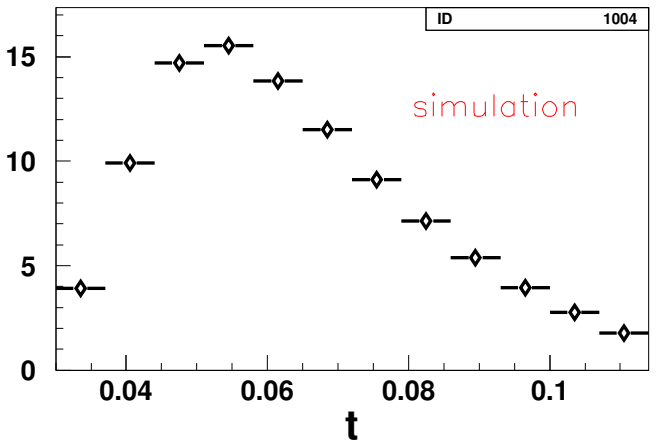


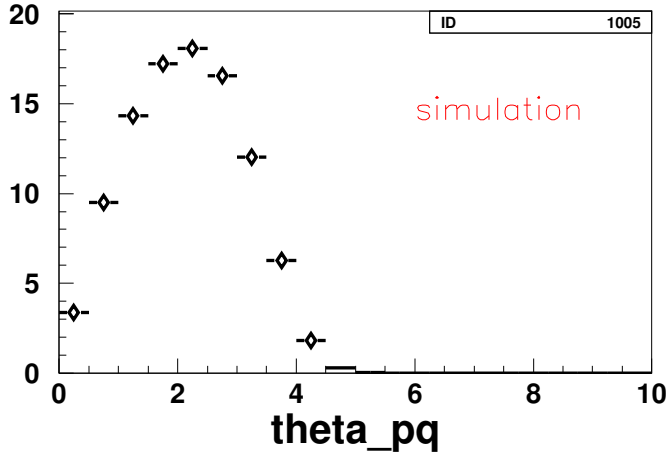
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.43, \Theta_{pq}=0^o, \pi^+, simc$

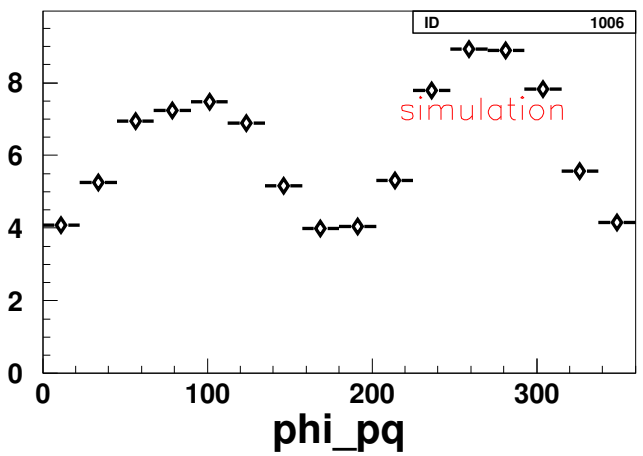




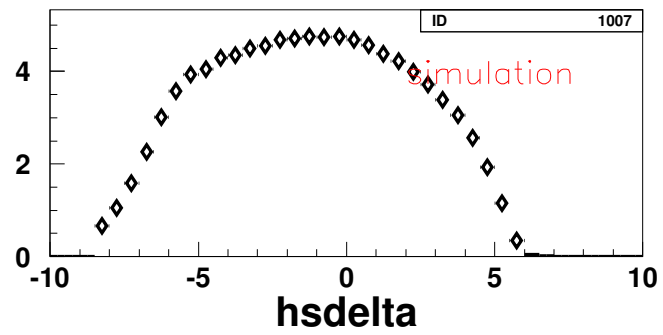


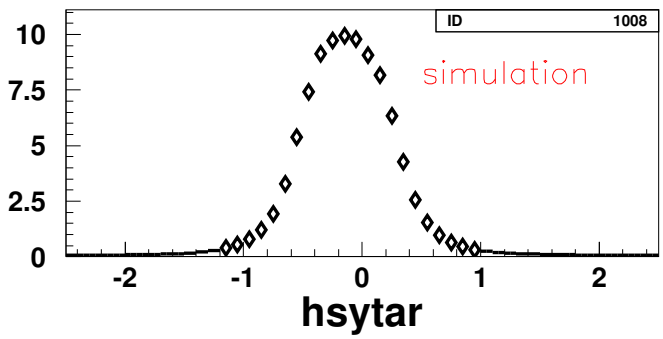


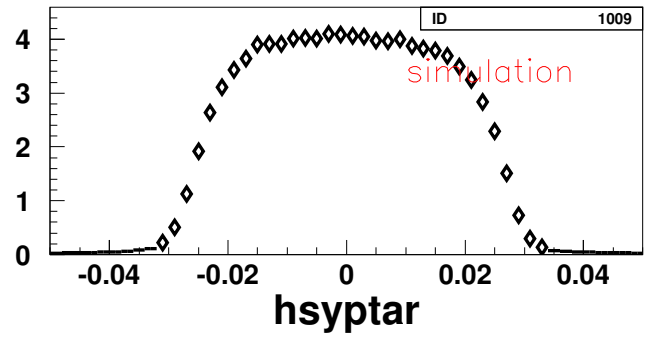


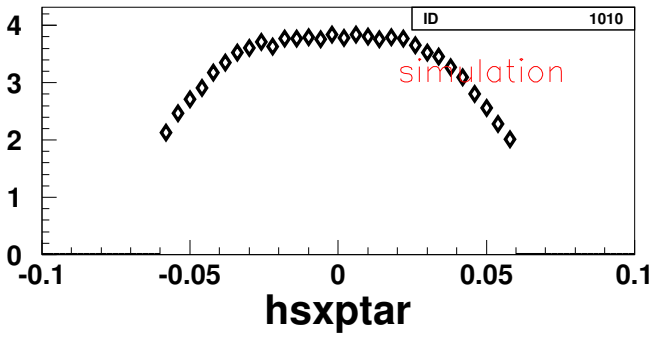


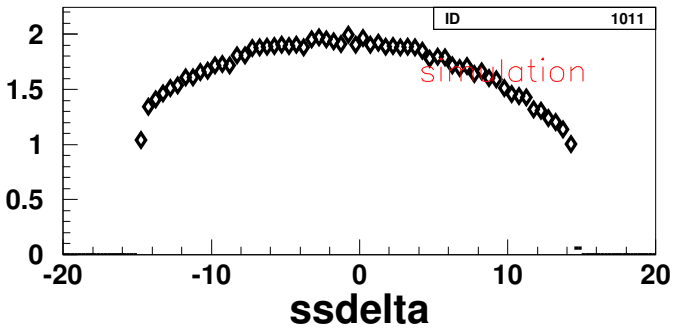
$^2H,Q^2=0.75GeV^2,\varepsilon=0.43,\Theta_{pq}=0^o,\pi^+,simc$

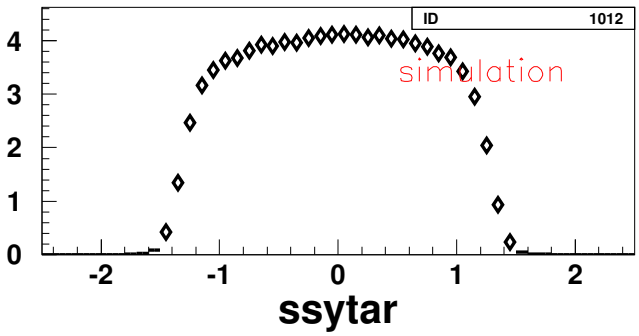


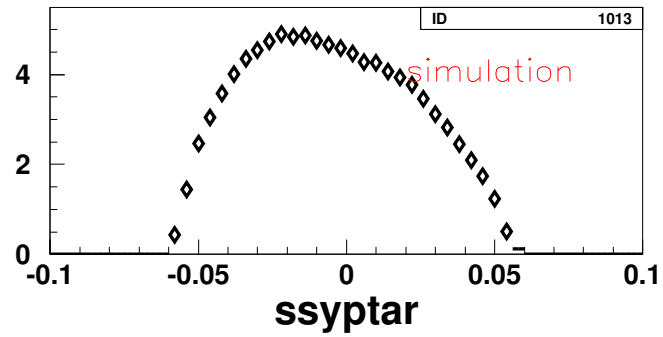


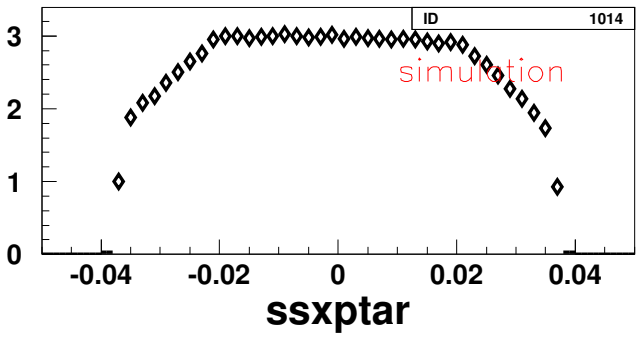


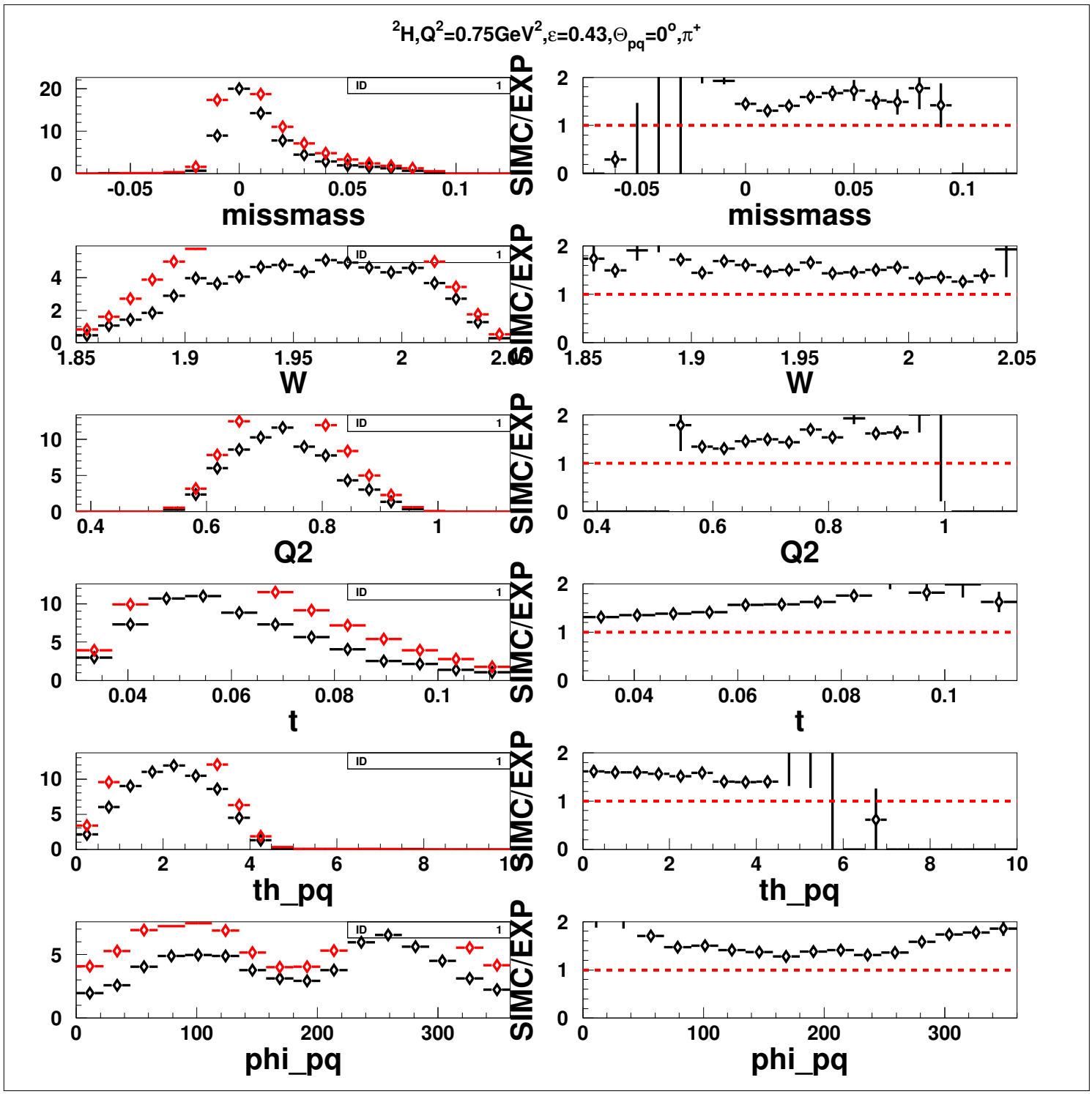


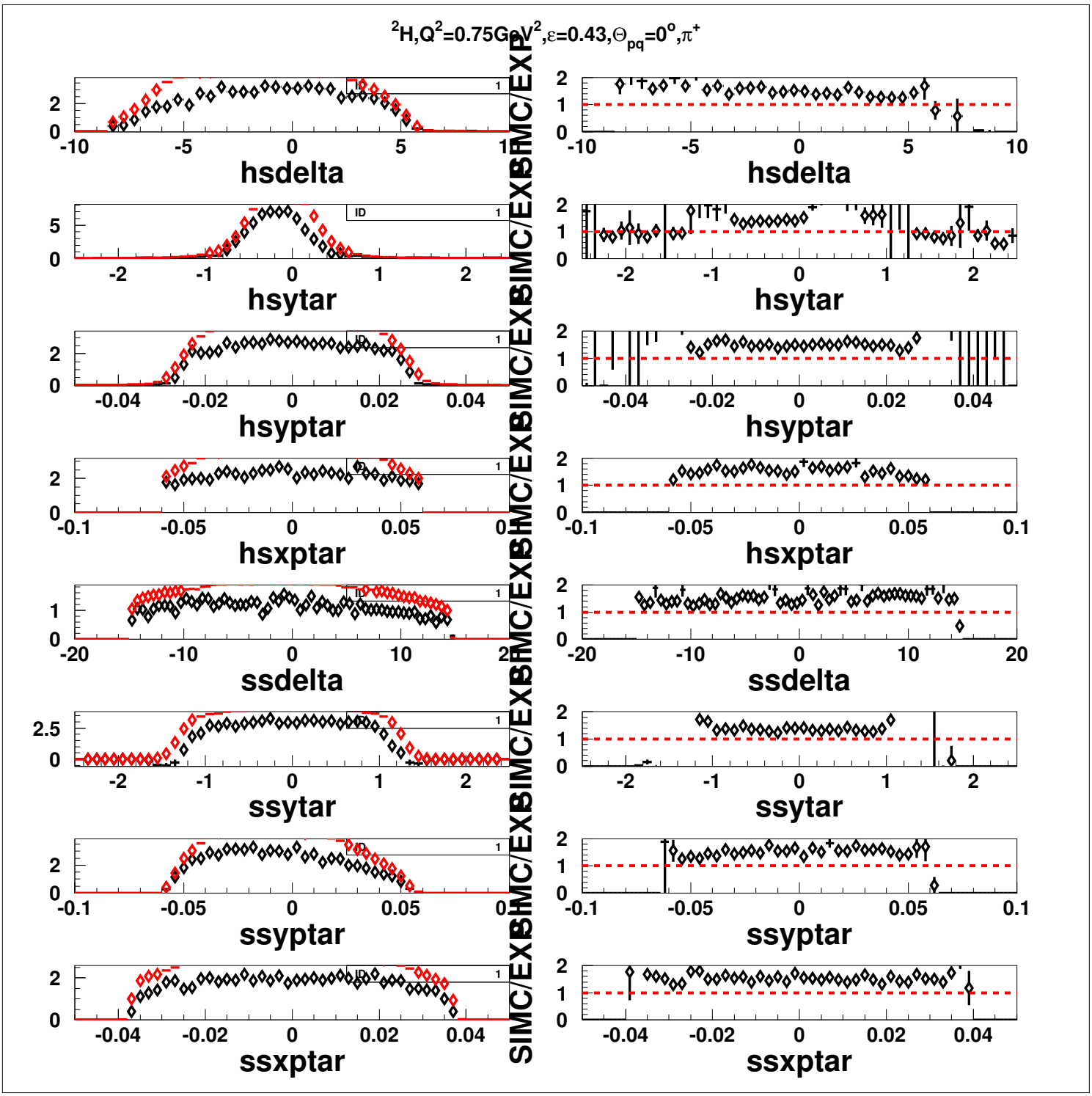


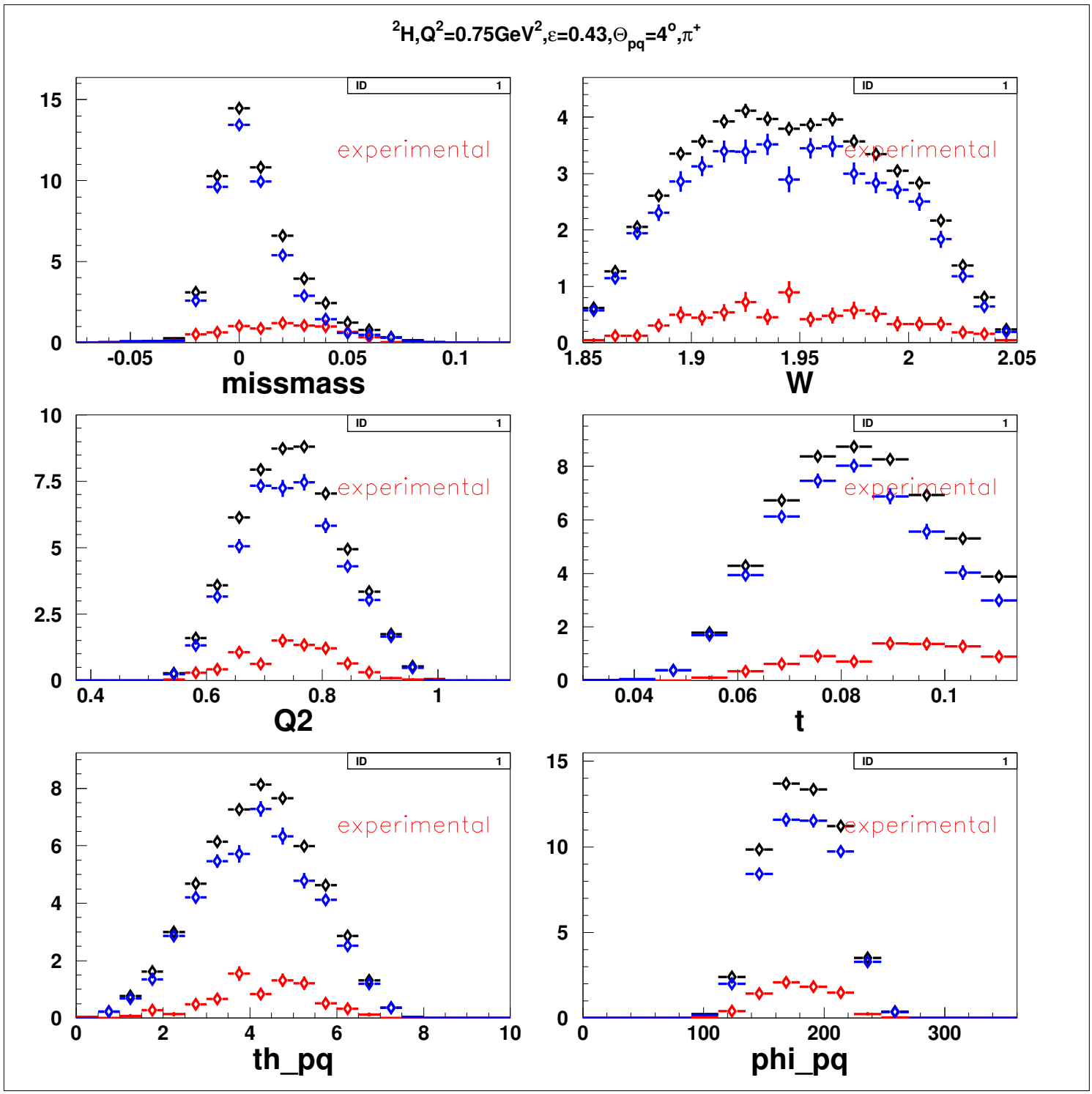




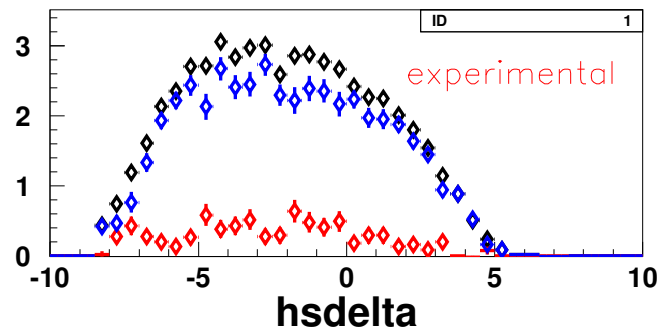


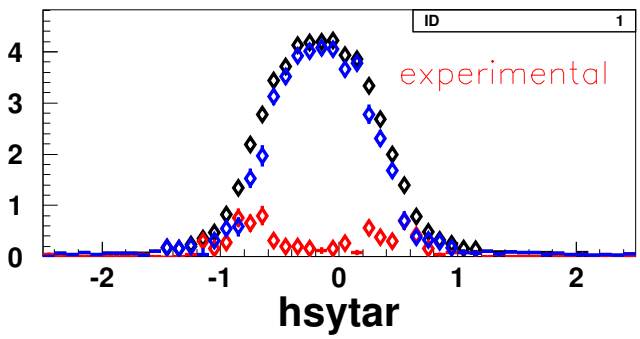

^{2}H,Q^2=0.75GeV^2,ε=0.43,Θ$_{pq}$=0°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

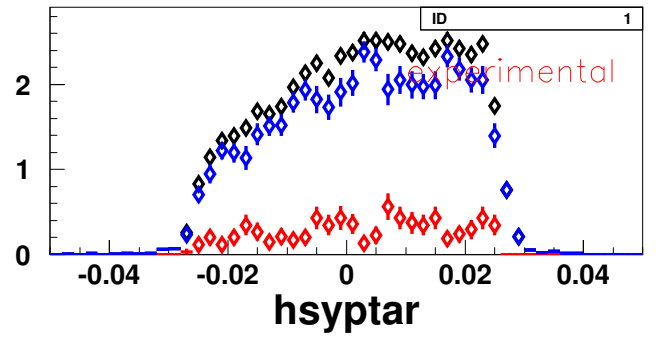

^{2}H,Q^2=0.75GeV^2,ε=0.43,Θ$_{pq}$=0°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

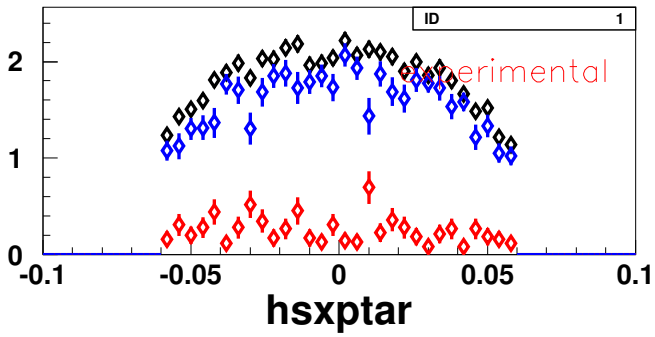

^{2}H,Q^2=0.75GeV^2,ε=0.43,Θ$_{pq}$=4°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

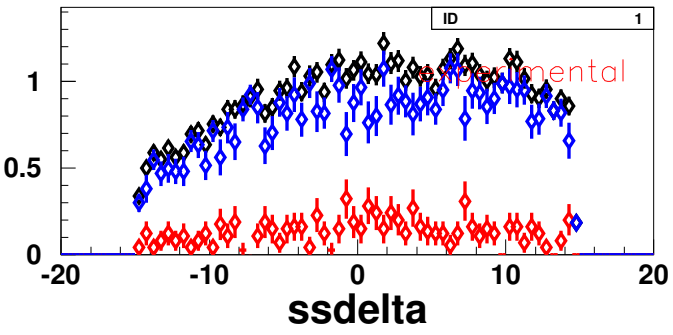
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.43, \Theta_{pq}=4^o, \pi^+$

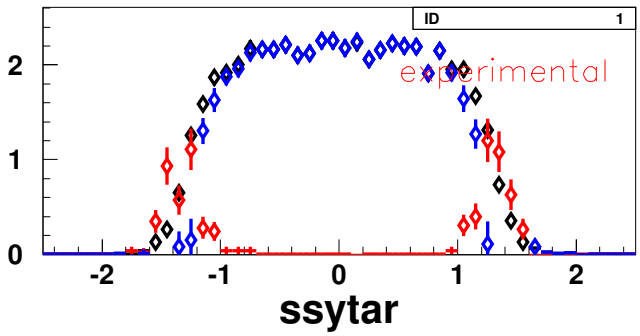


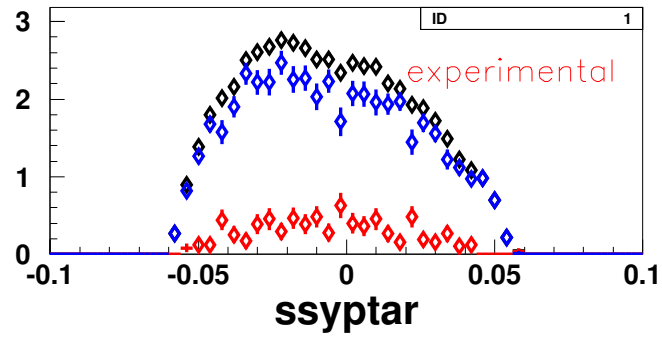


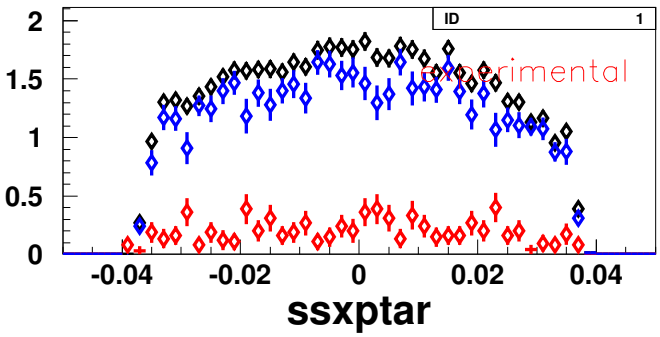




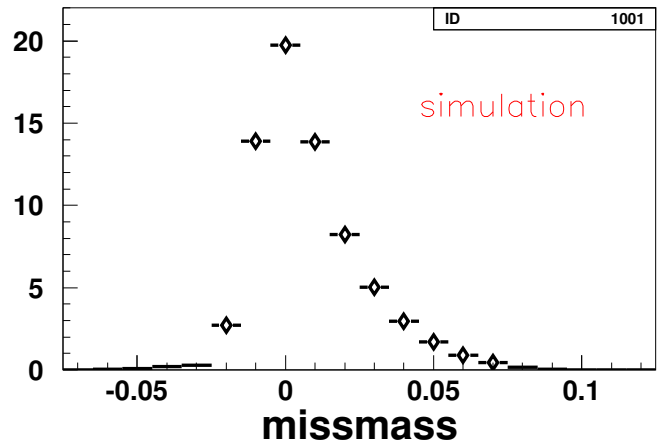


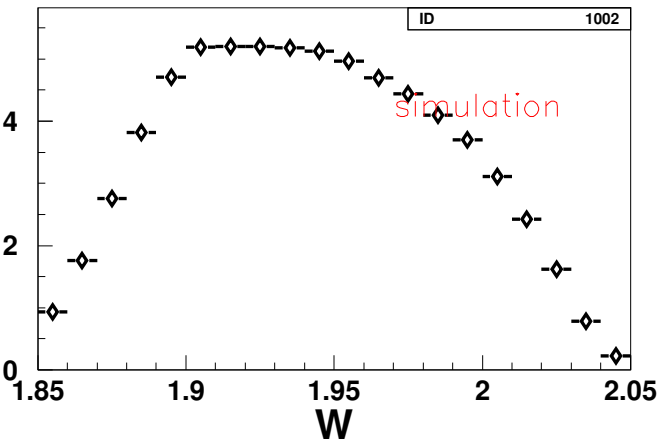


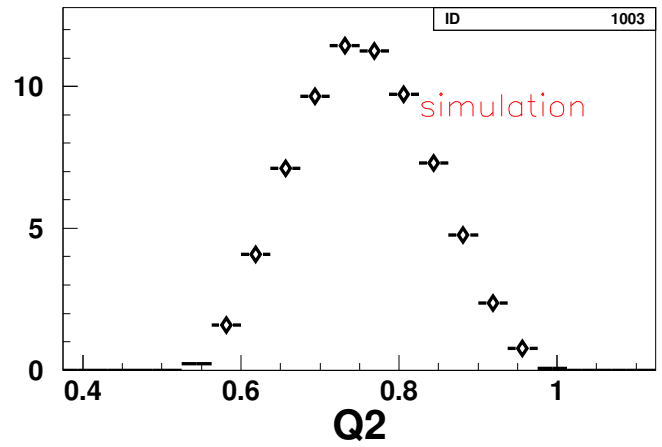


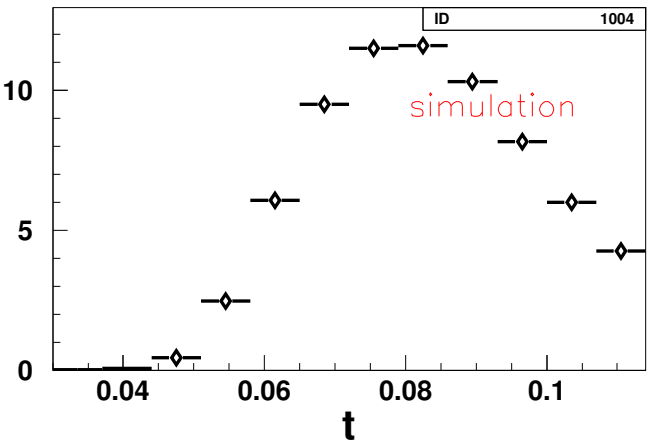


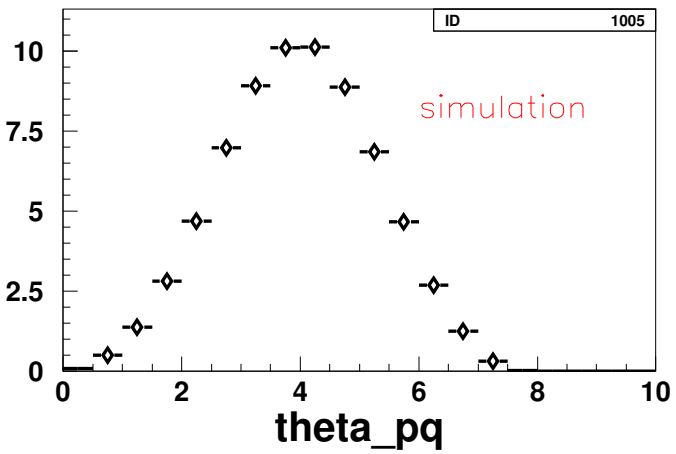
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.43, \Theta_{pq}=4^o, \pi^+, simc$

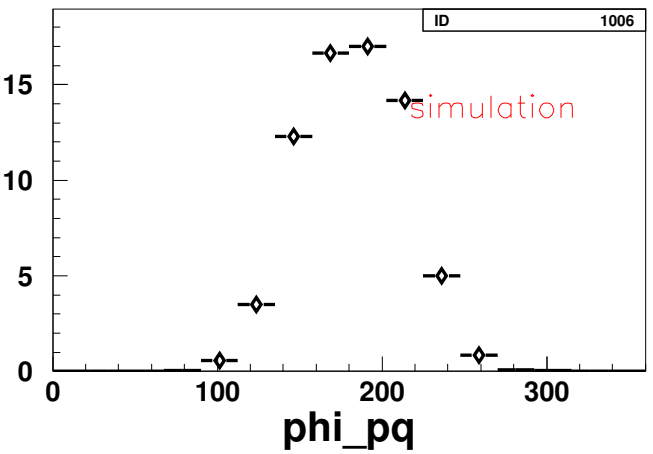




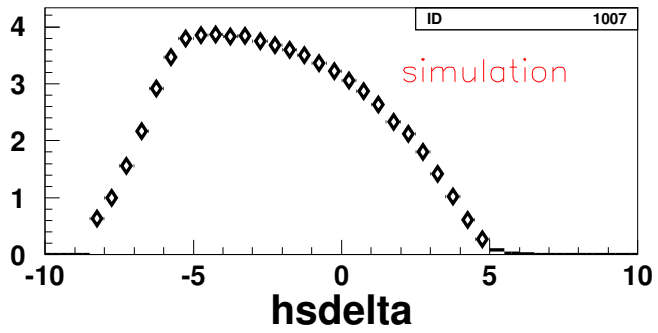


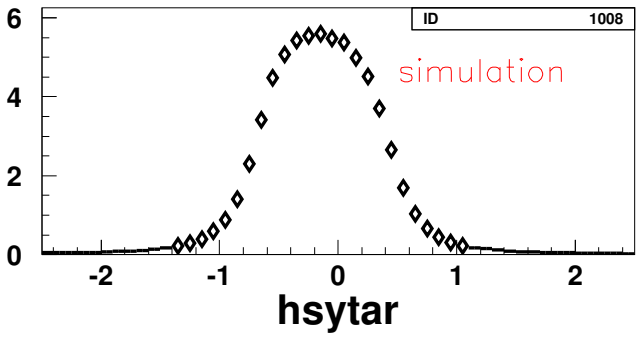


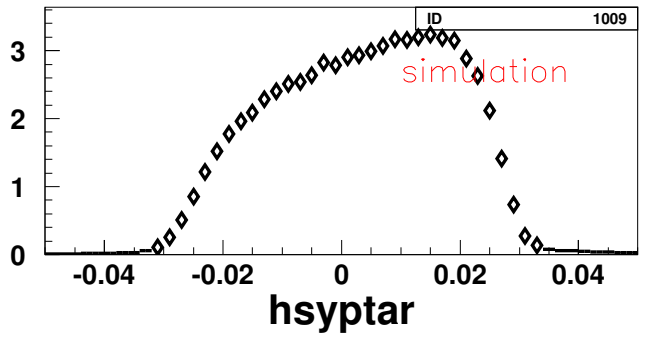


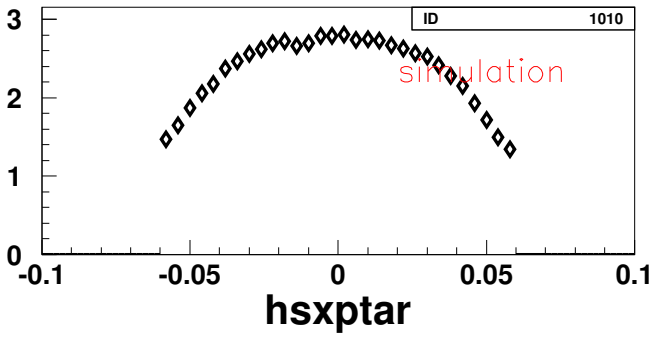


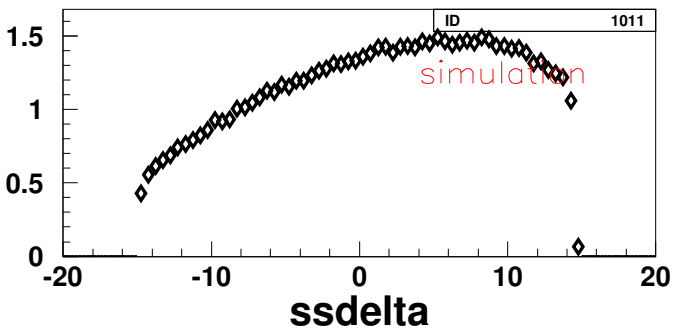
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.43, \Theta_{pq}=4^o, \pi^+, simc$

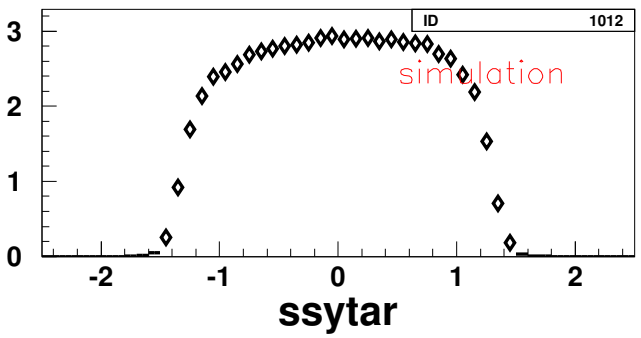


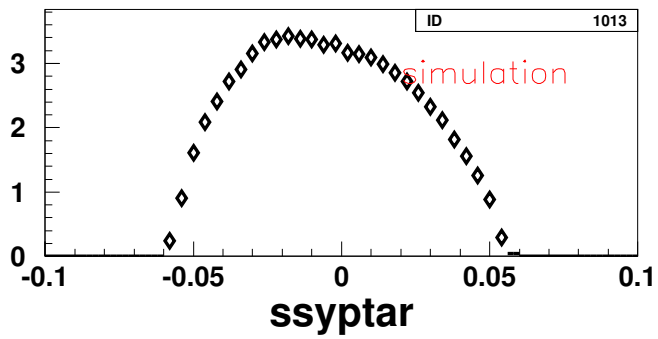


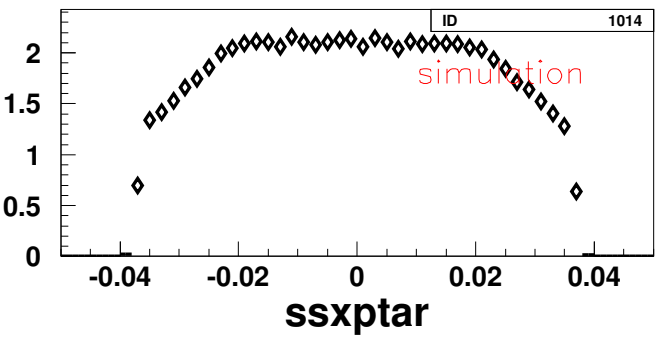


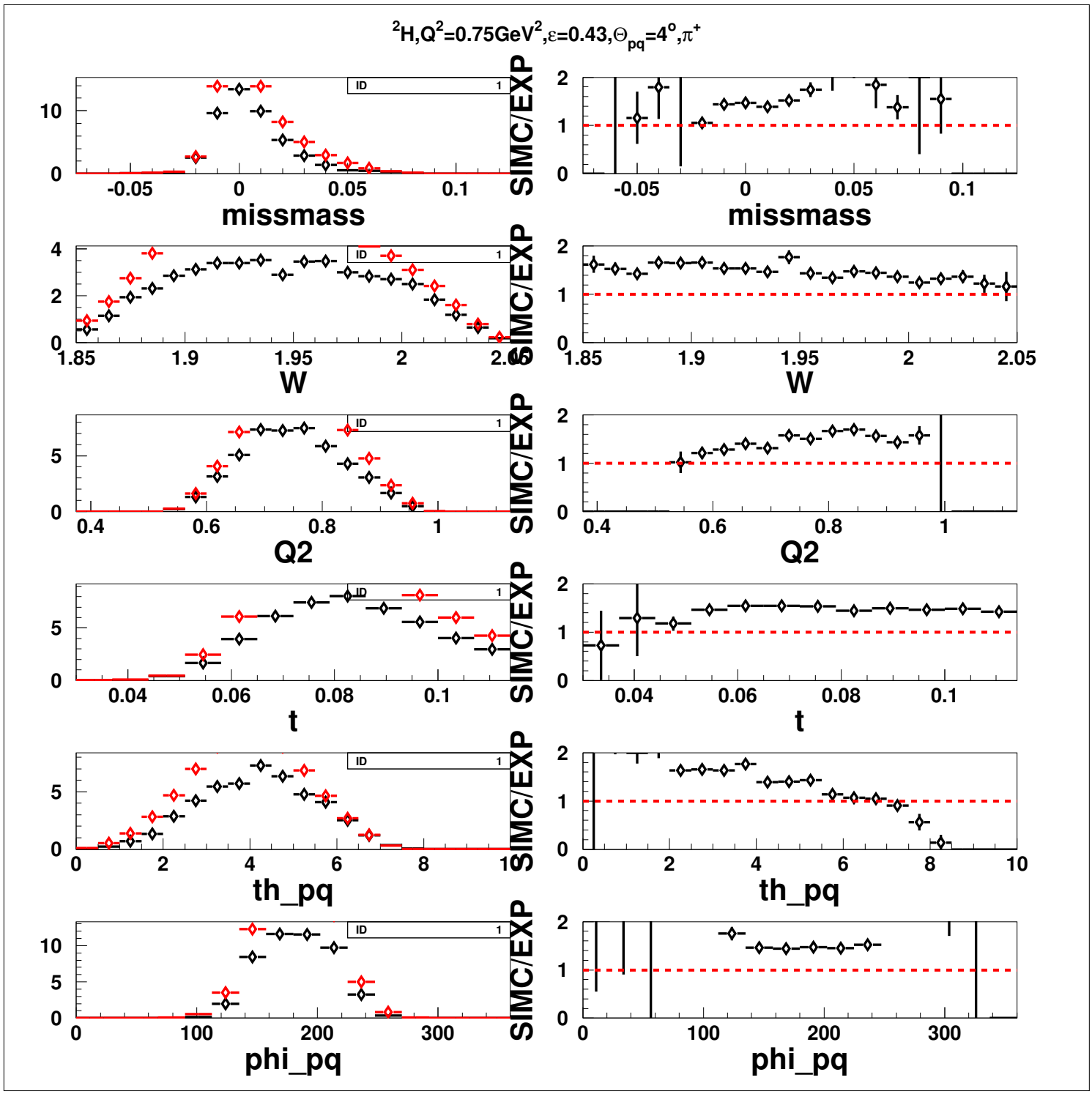


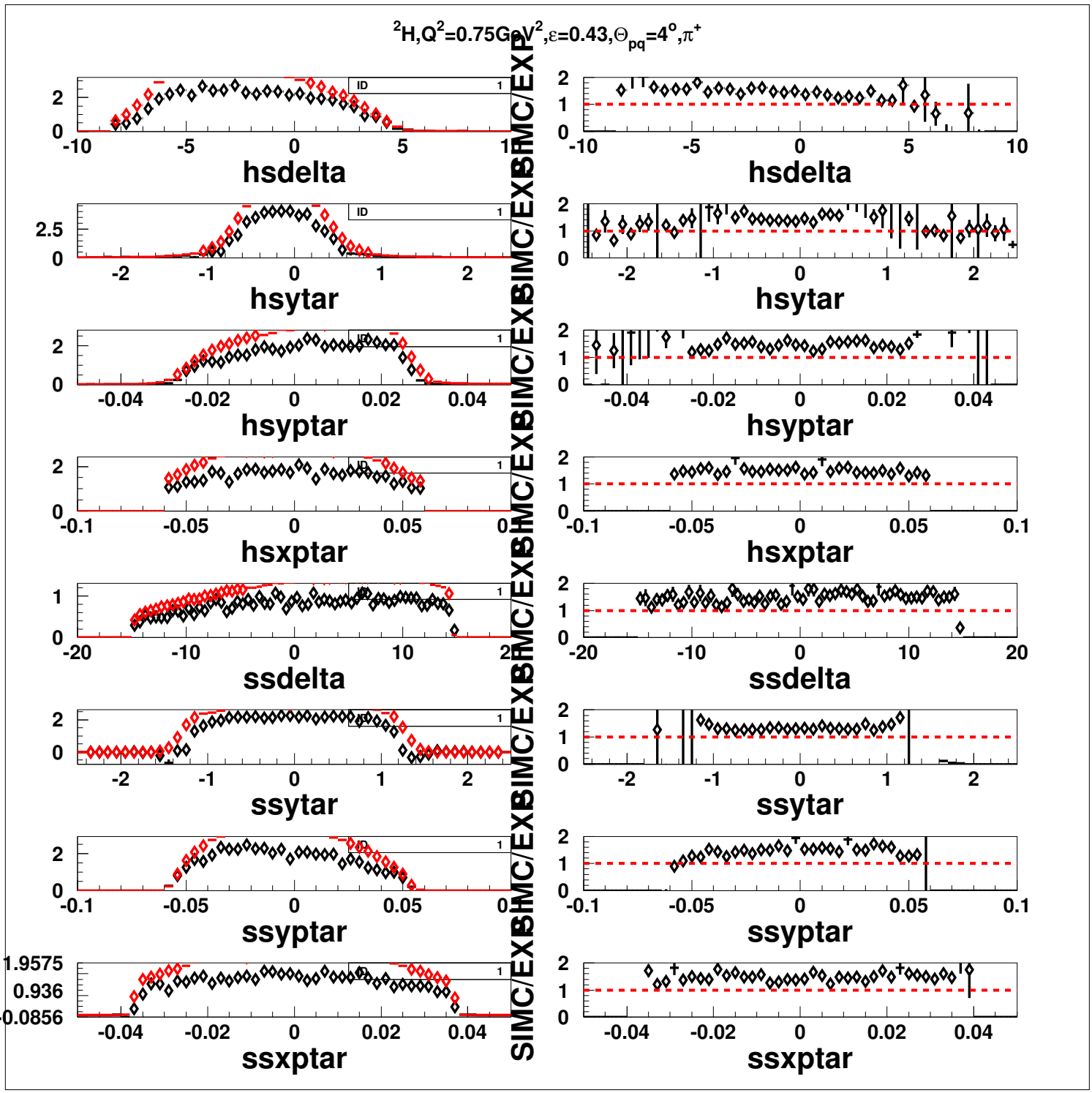




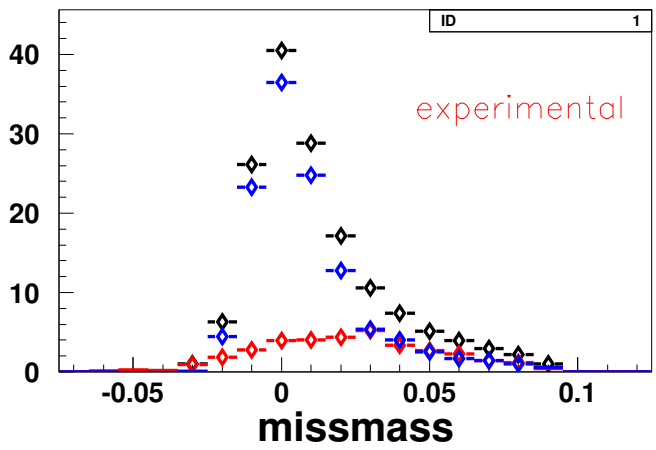


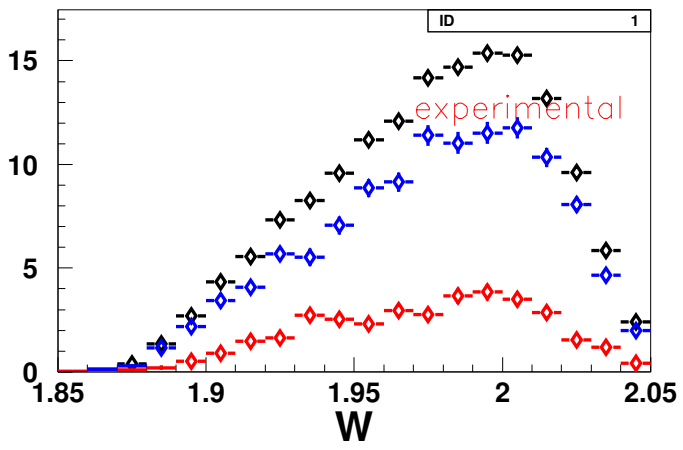


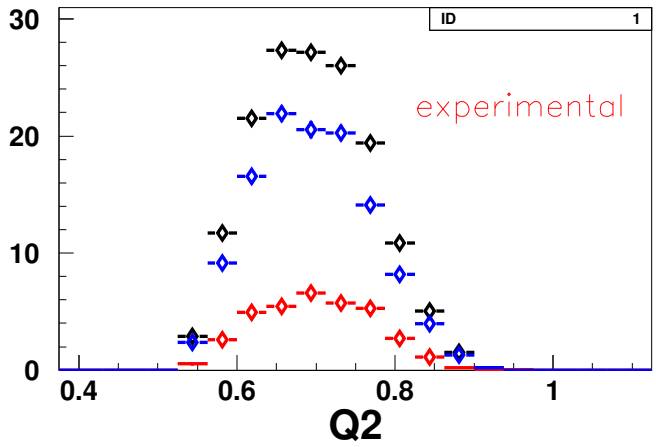

^{2}H,Q^2=0.75GeV^2,ε=0.43,Θ$_{pq}$=4°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

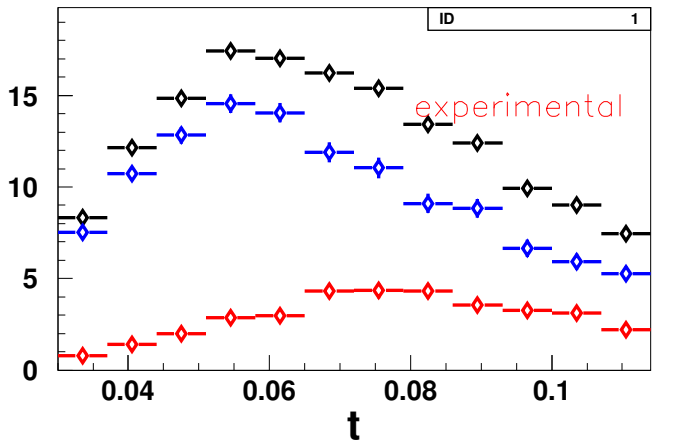

^{2}H,Q^2=0.75GeV^2,ε=0.43,Θ$_{pq}$=4°,π$^+$
SIMC/EXP
ID
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

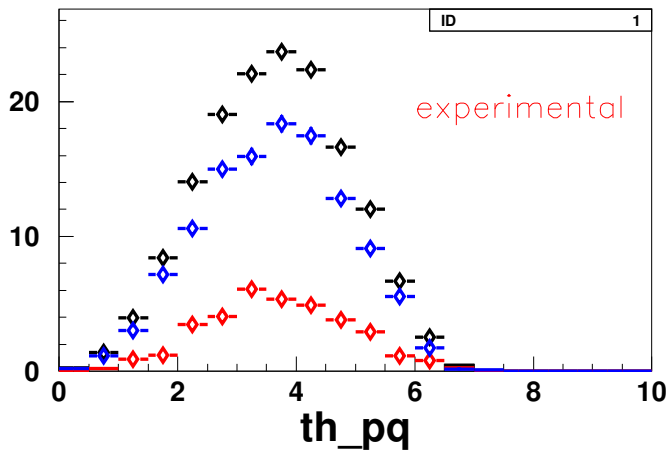
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.7, \Theta_{pq}=-4^o, \pi^+$

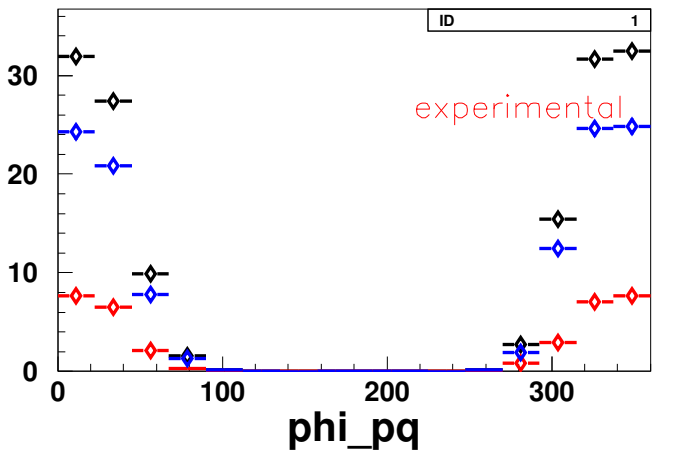




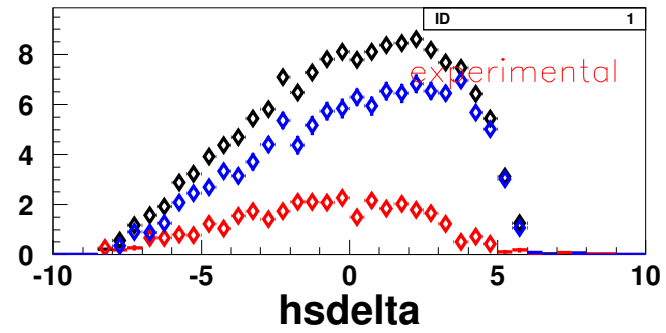


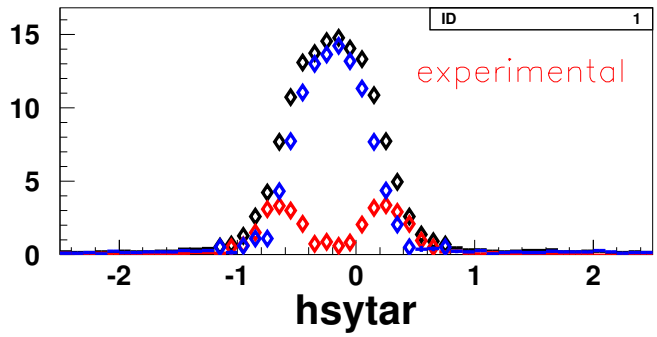


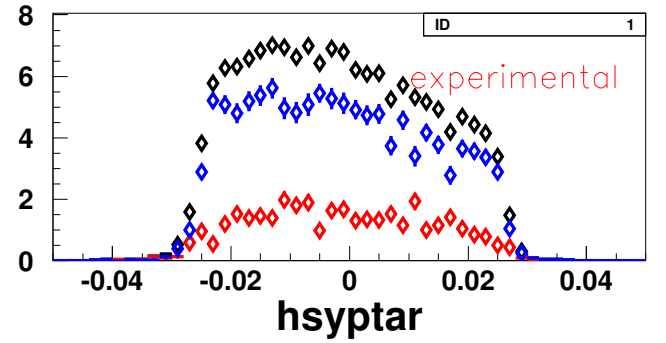


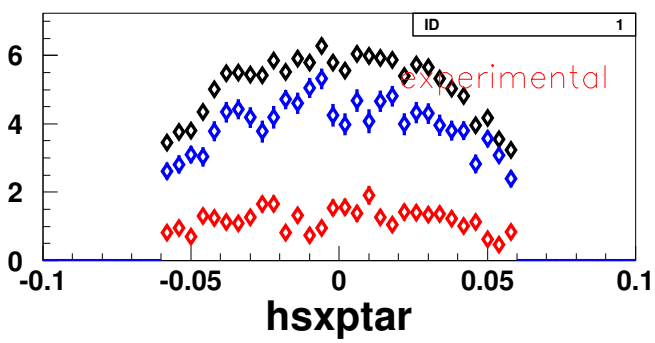


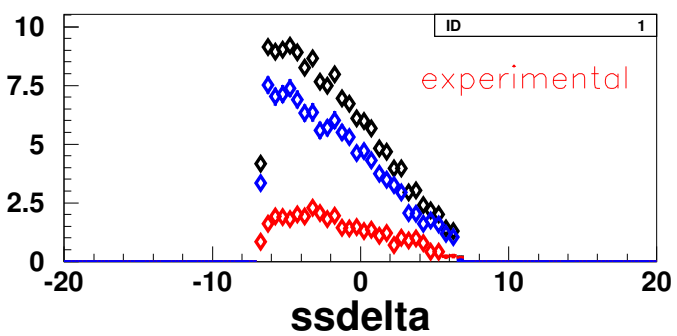
^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ_{pq}=-4^o,π^+

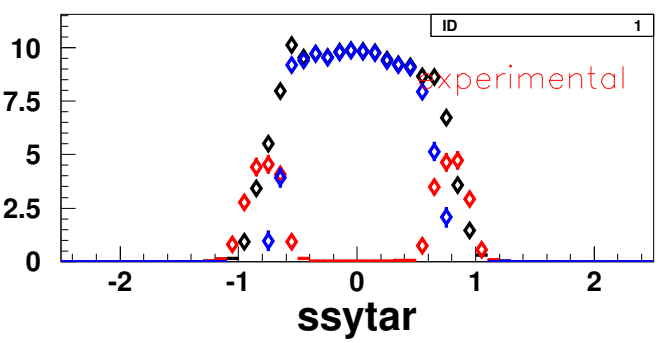


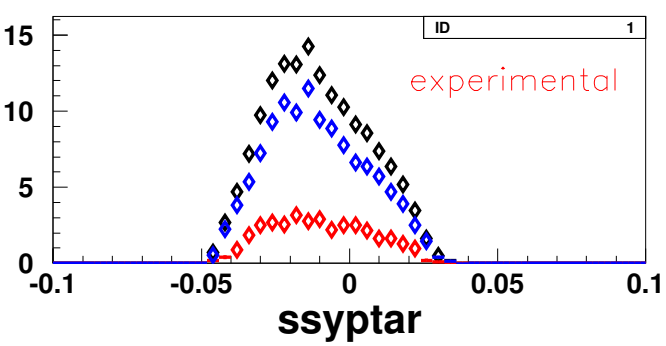


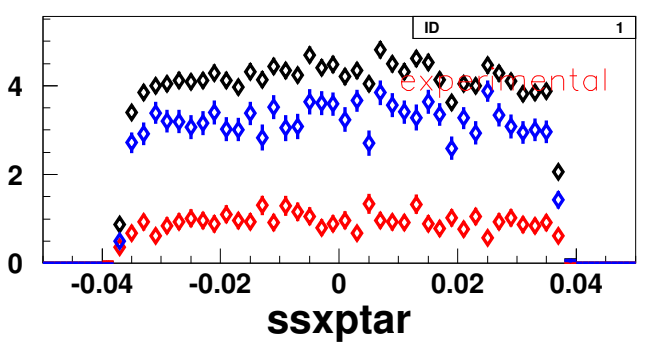




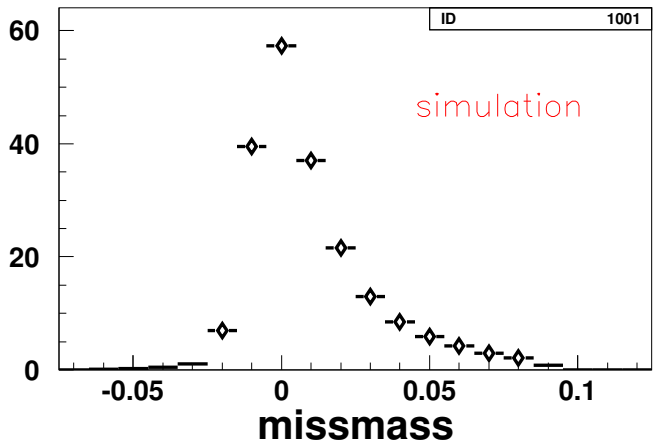


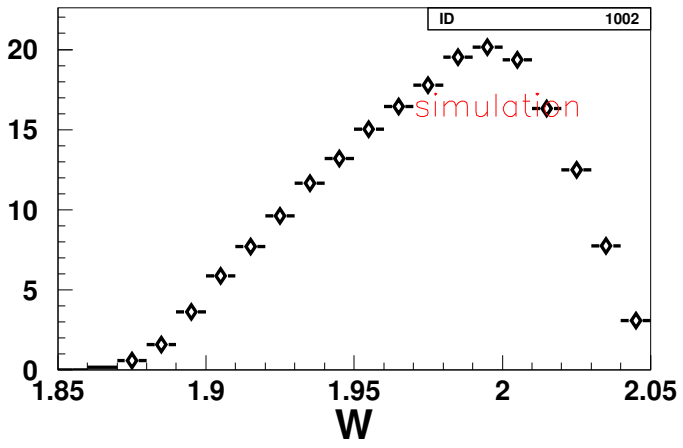


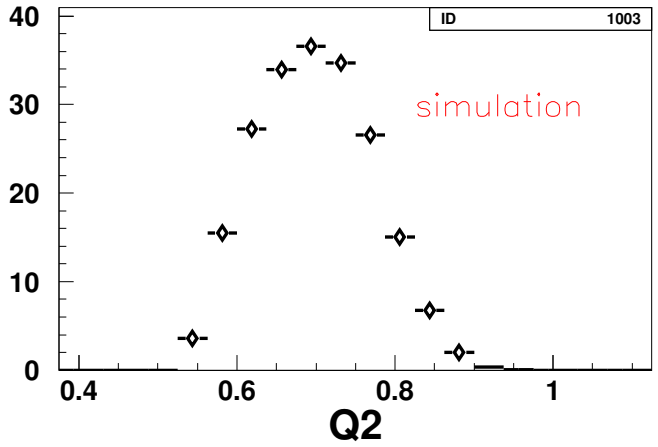


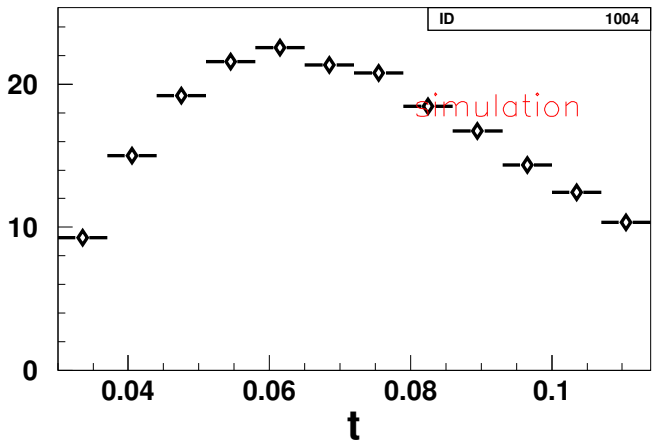


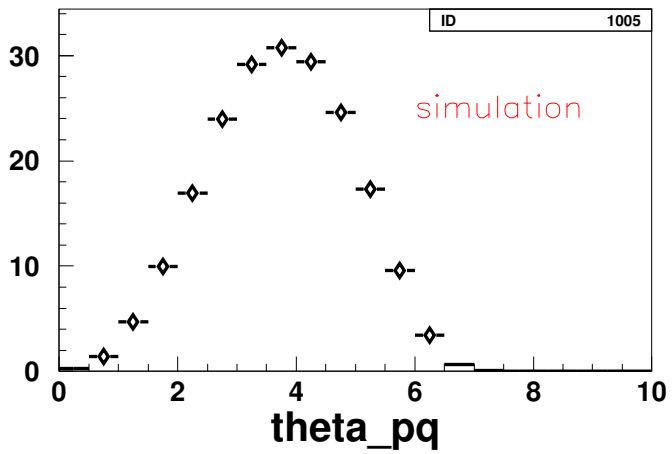
^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ_{pq}=-4^o,π^+,simc

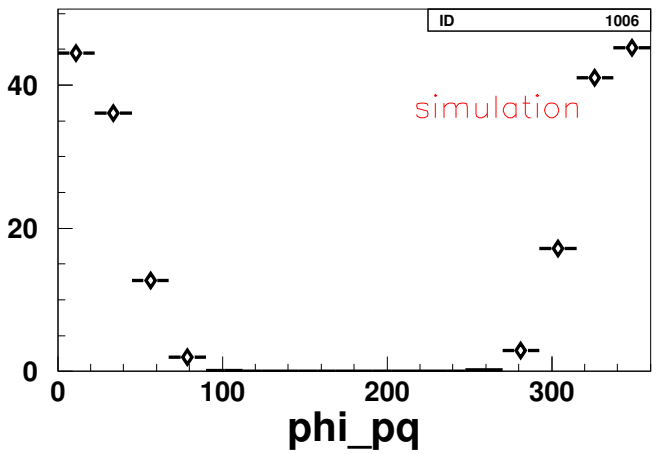




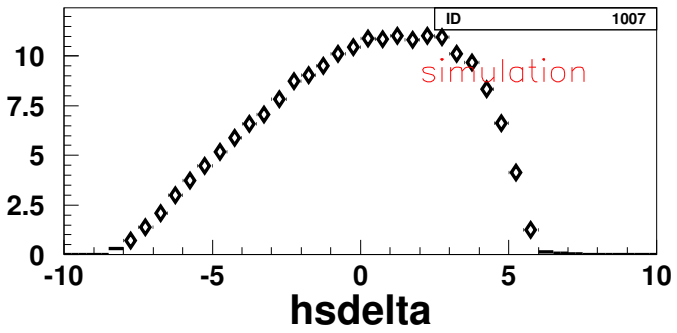


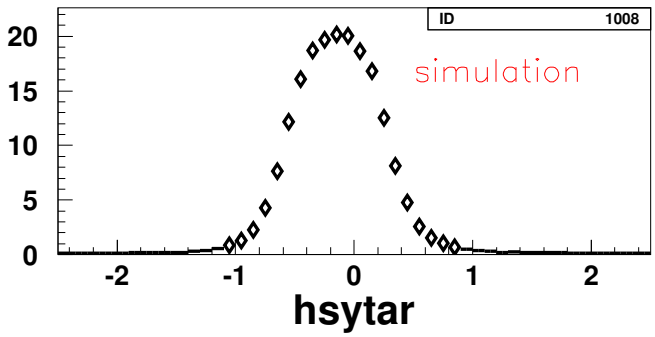


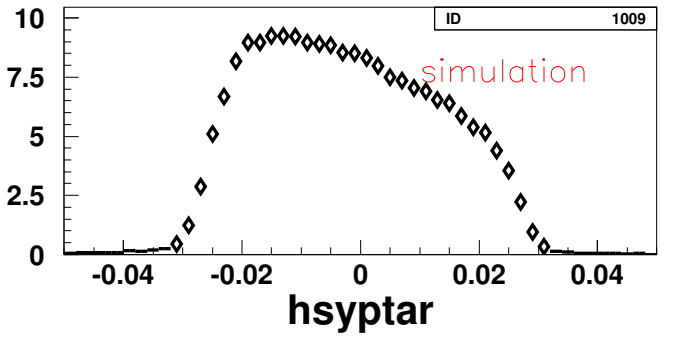


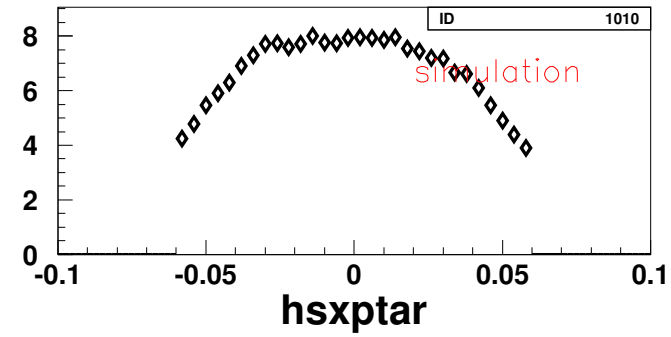


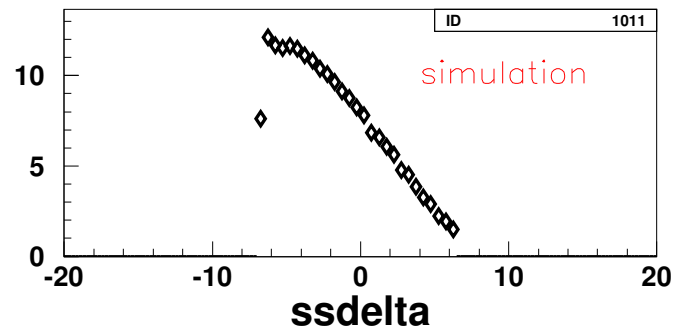
^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=-4^o,π$^+$,simc

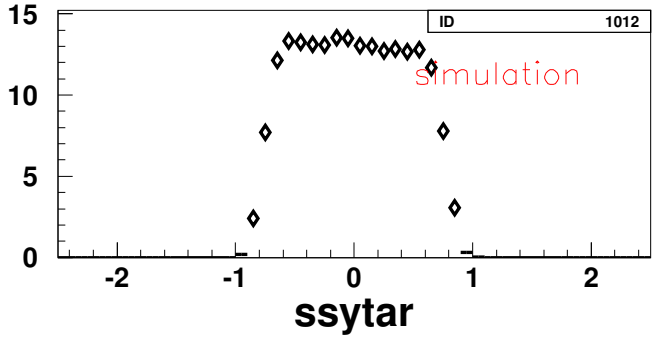


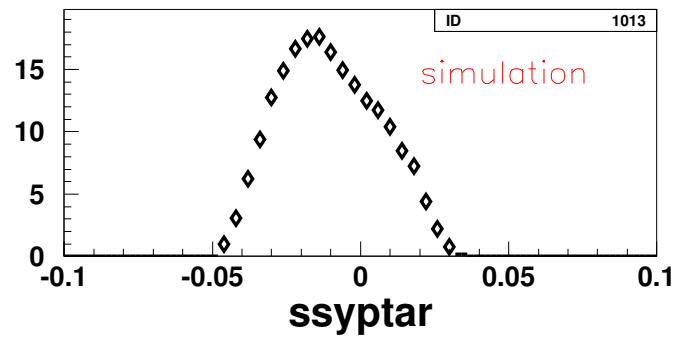


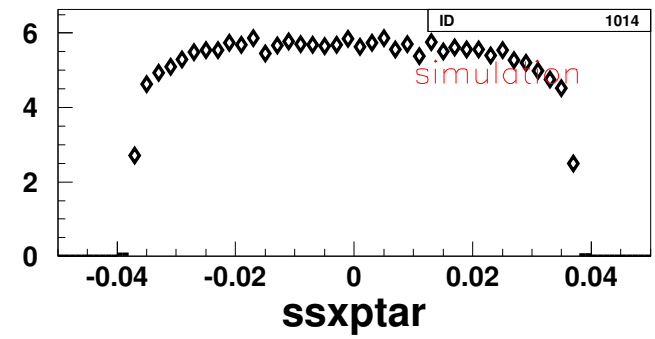


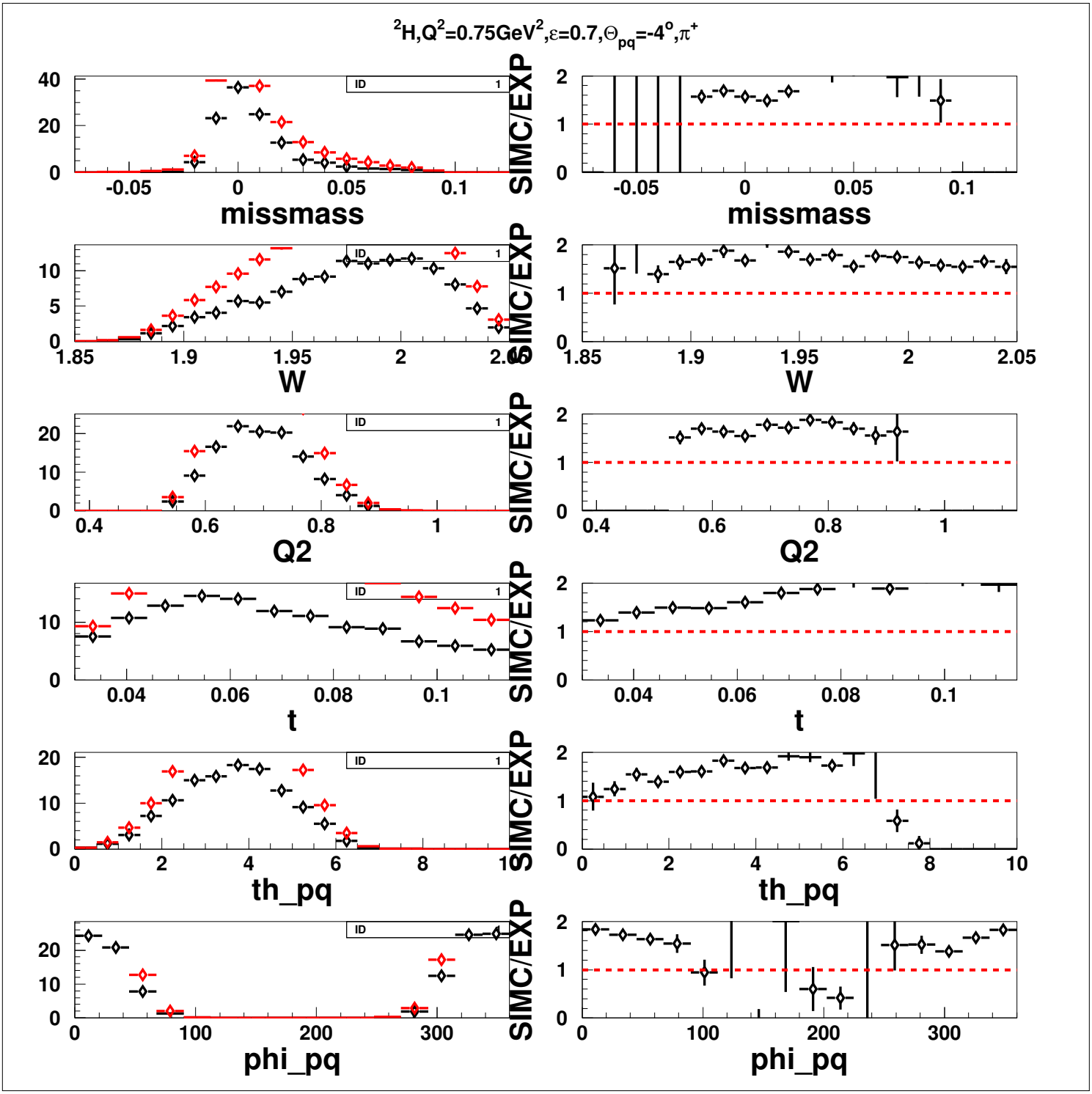


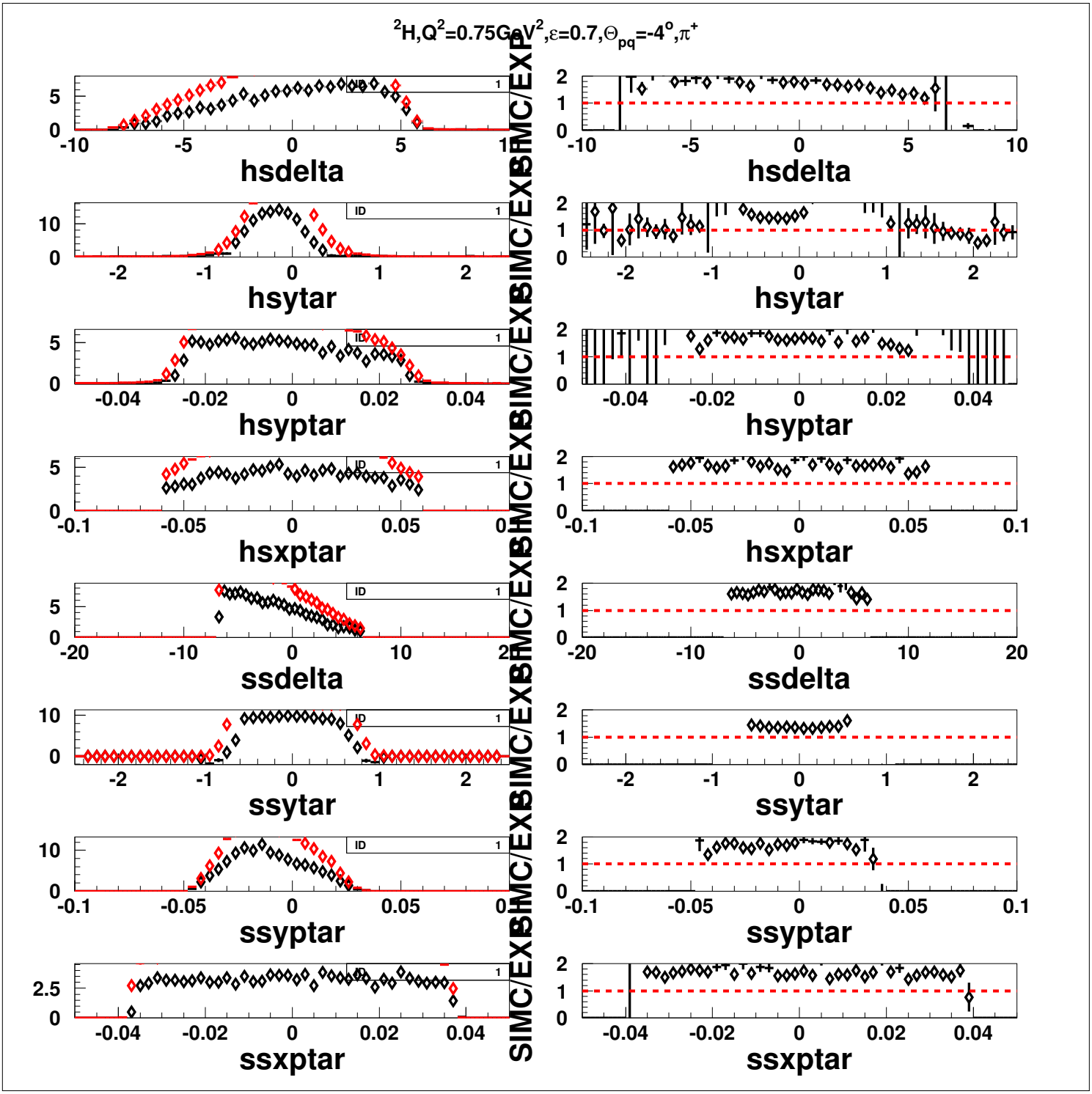


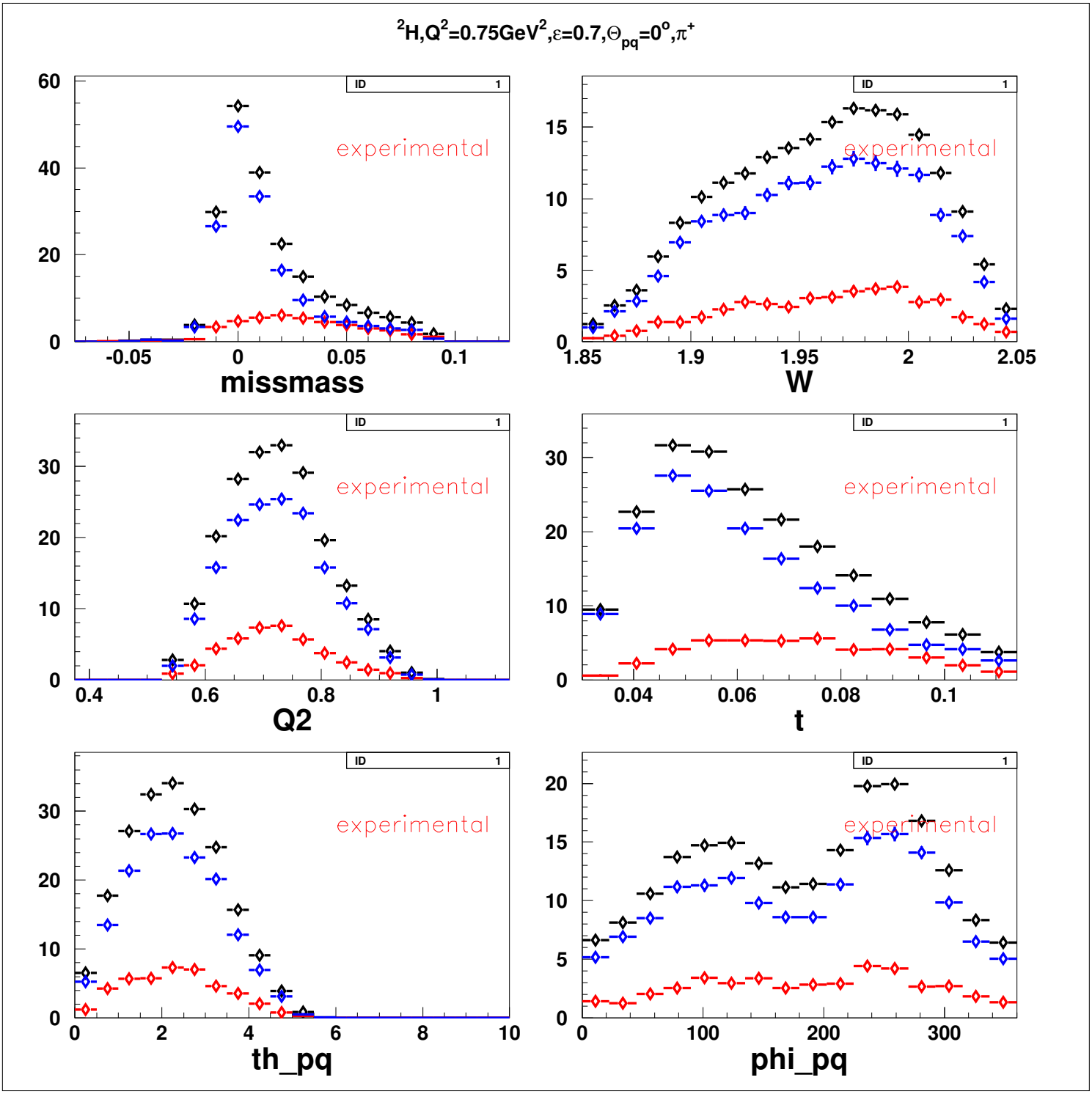




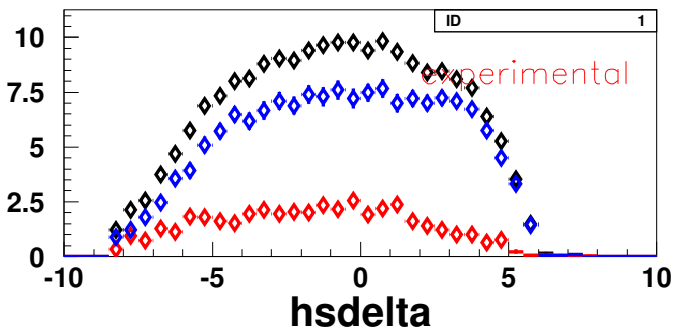


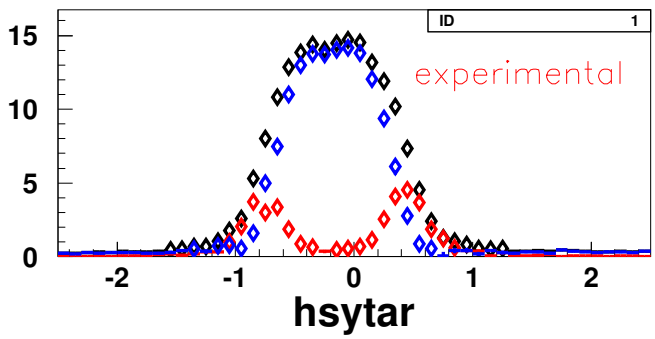

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=-4°,π$^+$
ID
1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

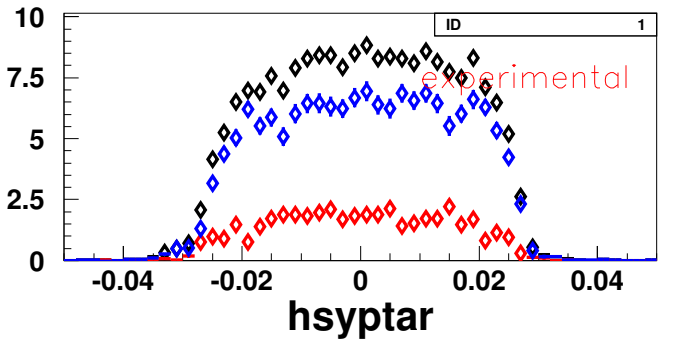

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=-4°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID

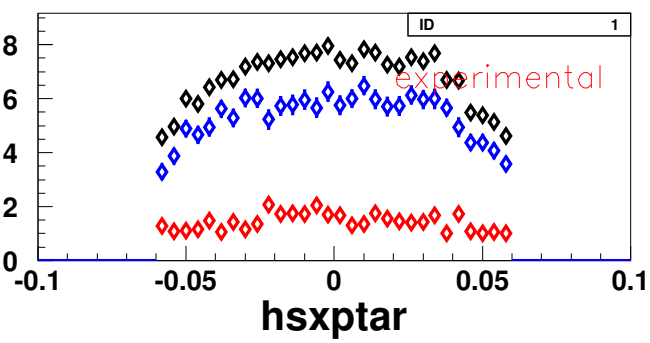

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=0°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

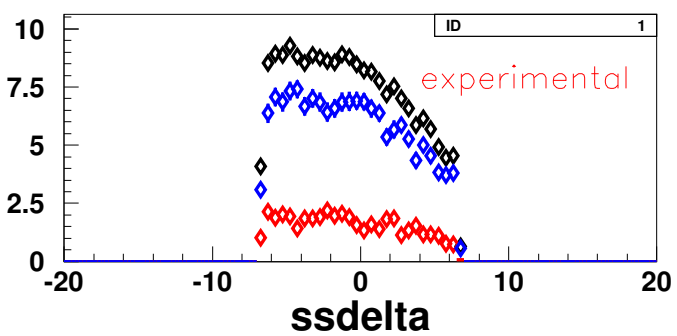
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.7, \Theta_{pq}=0^o, \pi^+$

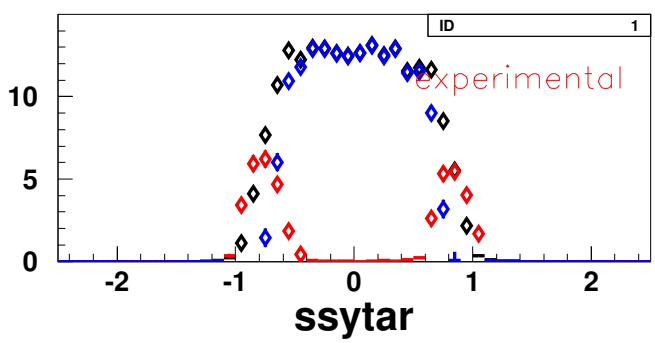


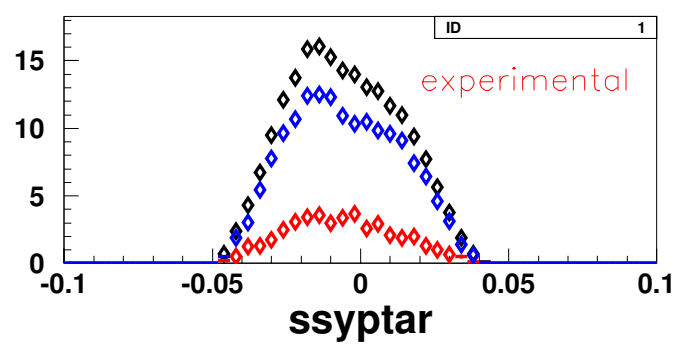


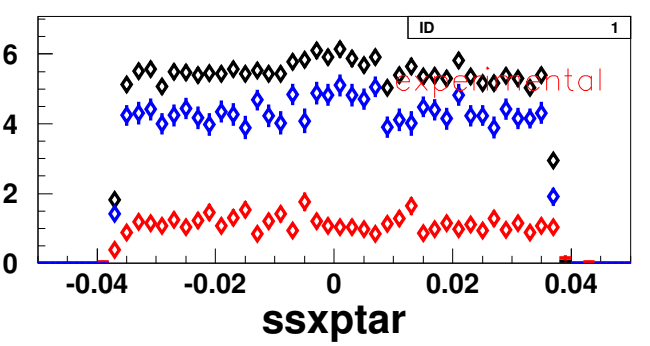




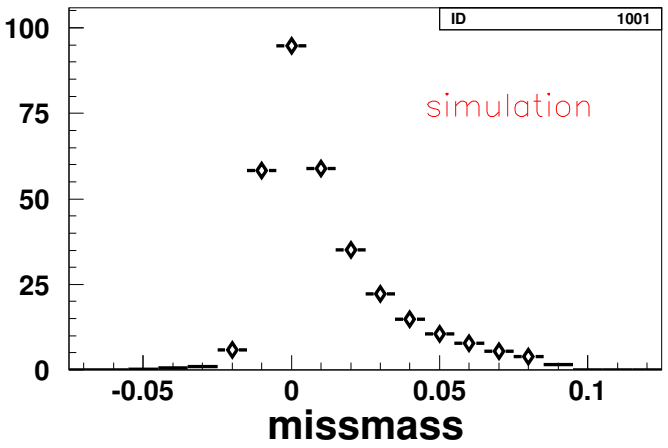


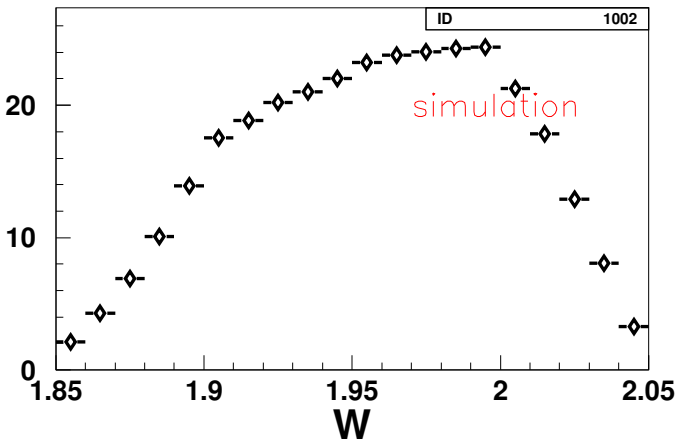


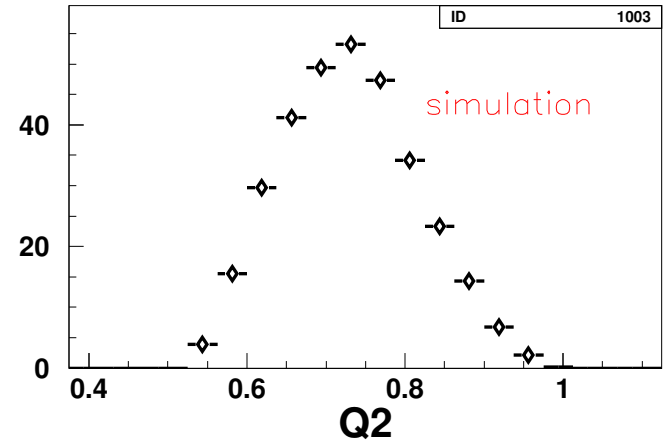


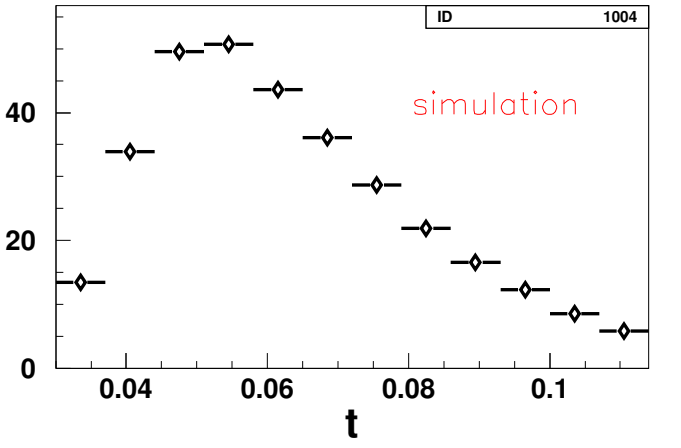


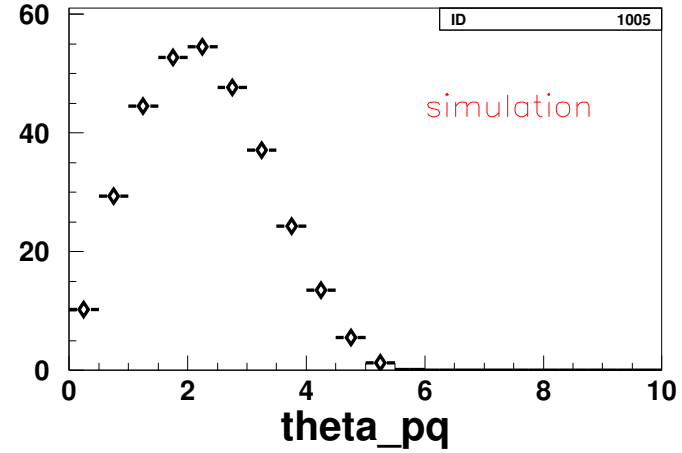
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.7, \Theta_{pq}=0^o, \pi^+, simc$

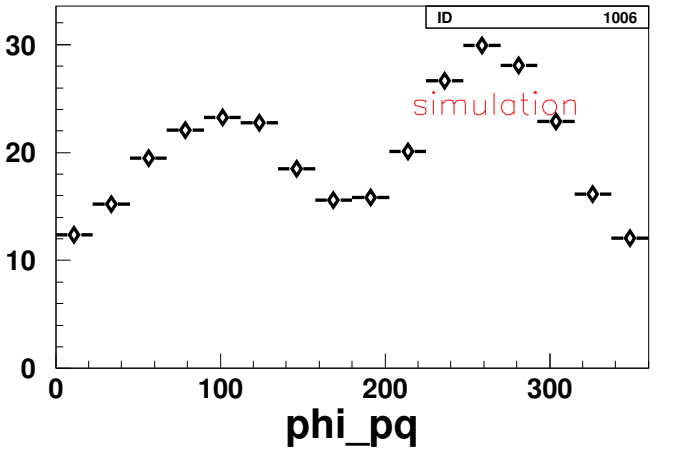




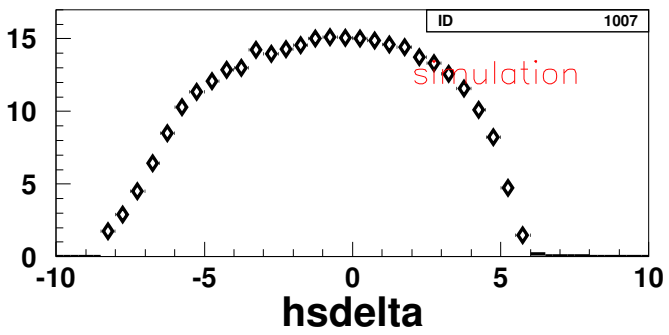


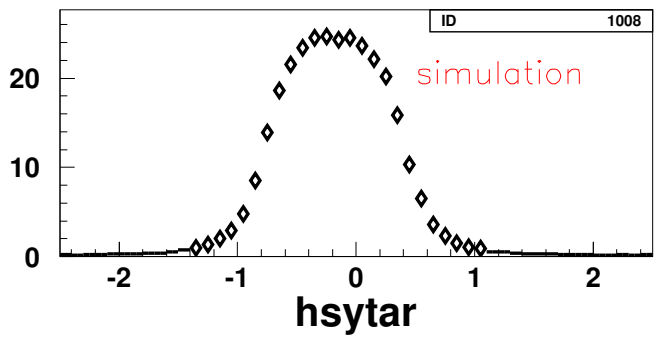


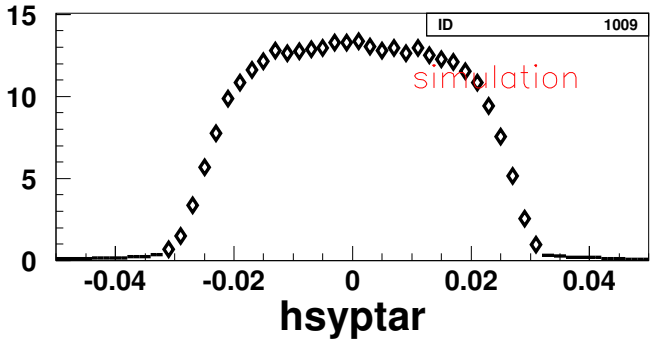


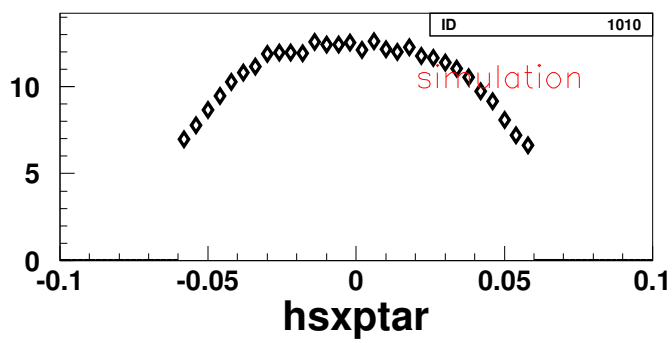


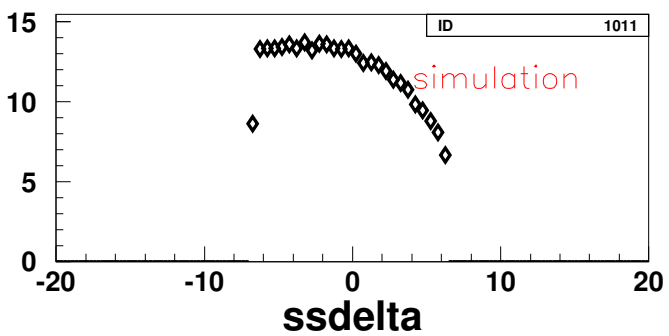
$^2H, Q^2=0.75GeV^2, \varepsilon=0.7, \Theta_{pq}=0^o, \pi^+, simc$

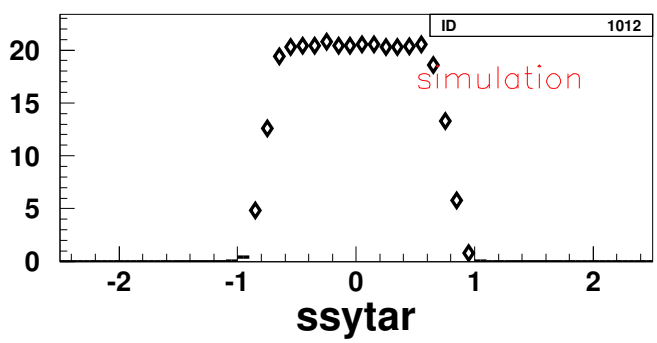


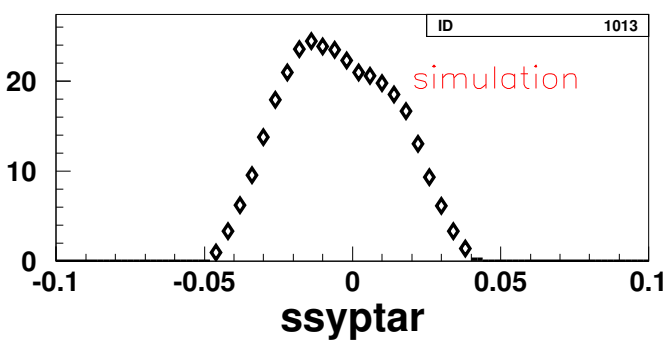


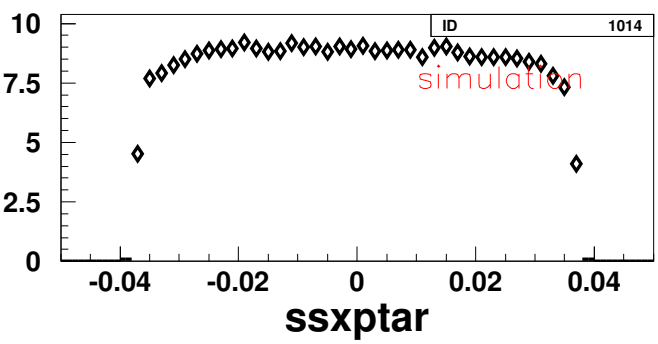


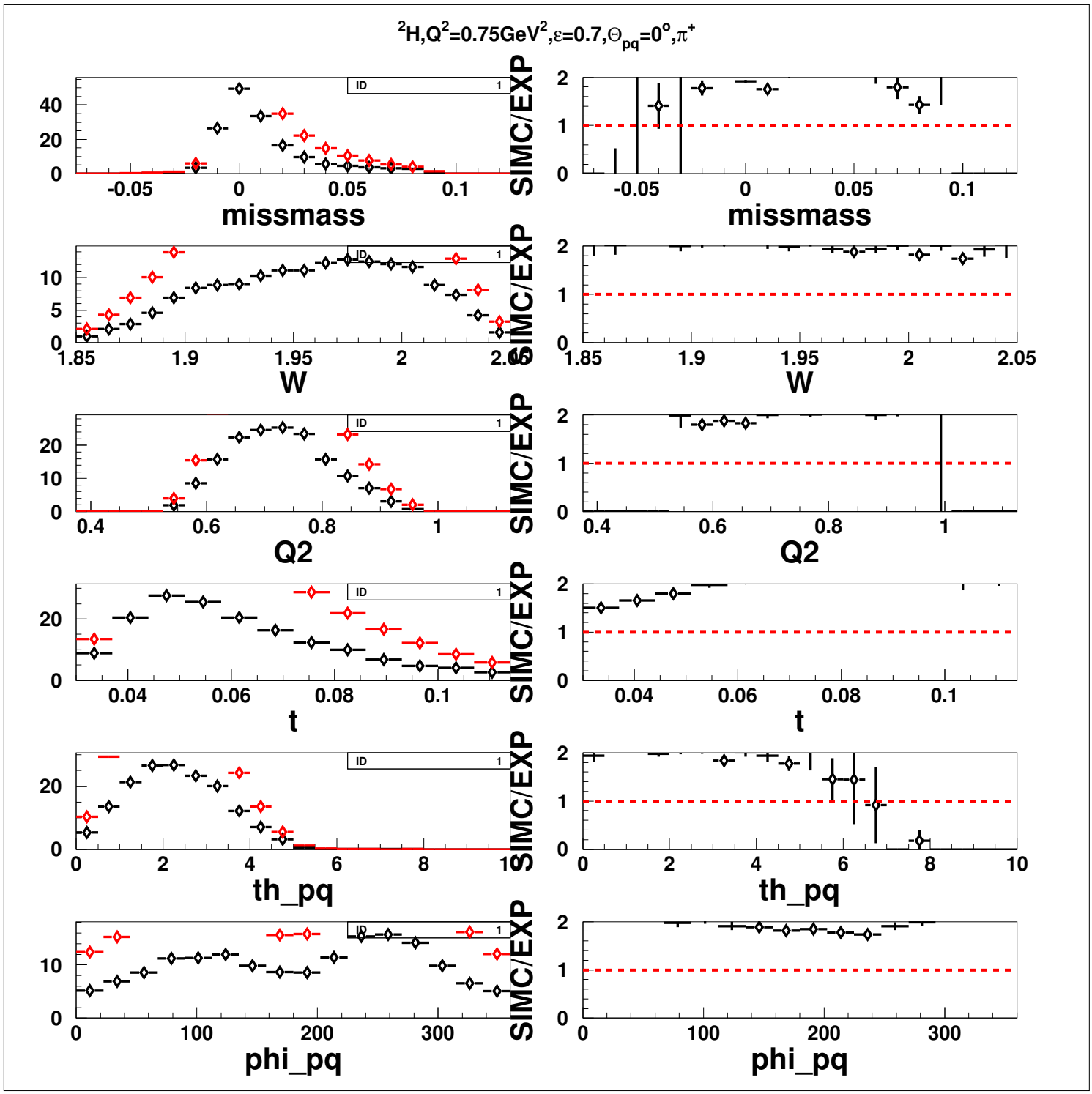


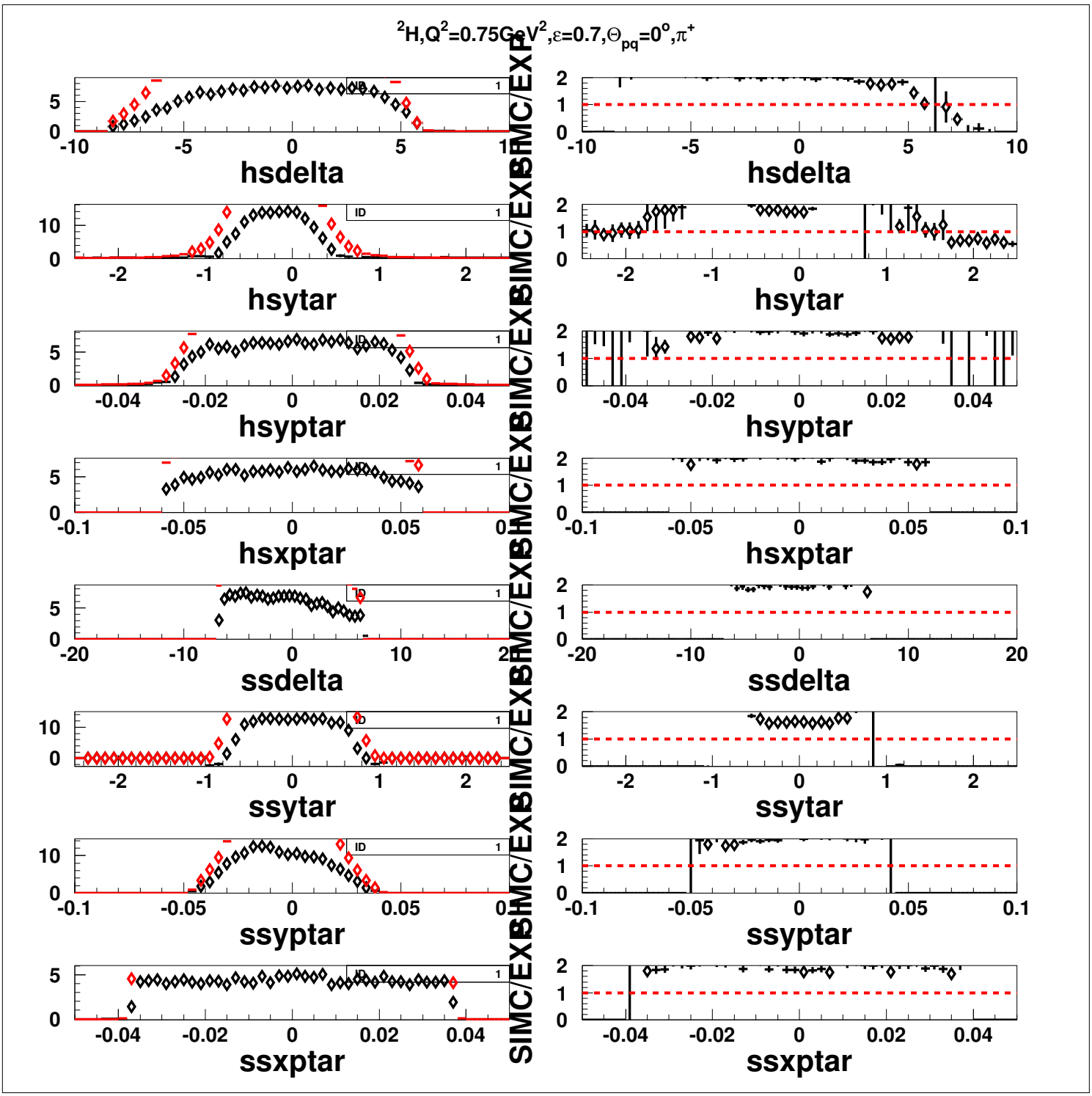




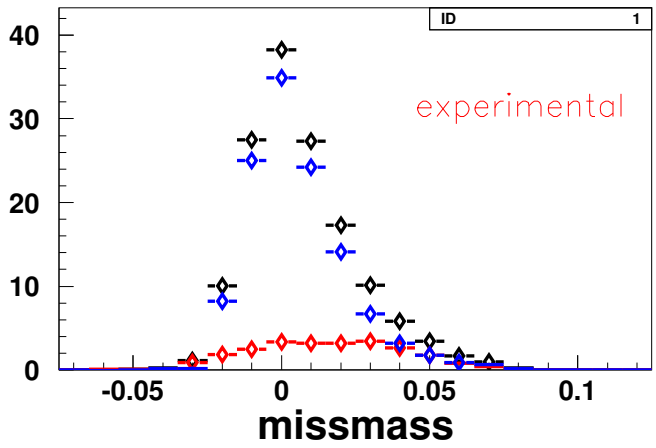


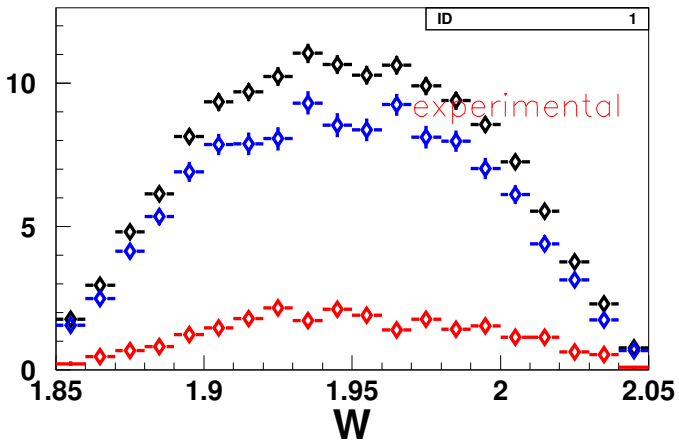


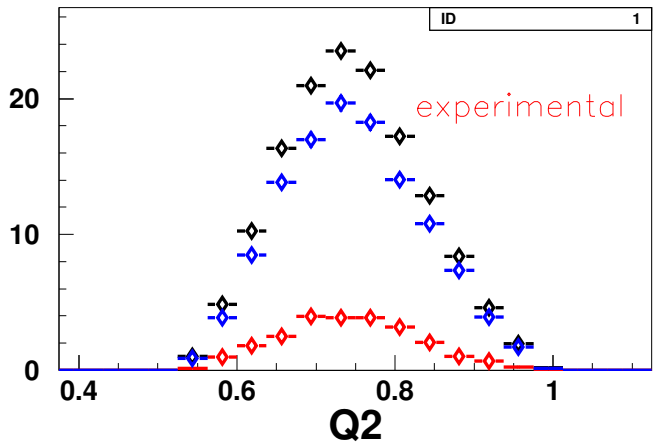

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=0°,π$^+$
ID
1
missmass
W
Q2
t
th_pq
phi_pq
SIMC/EXP

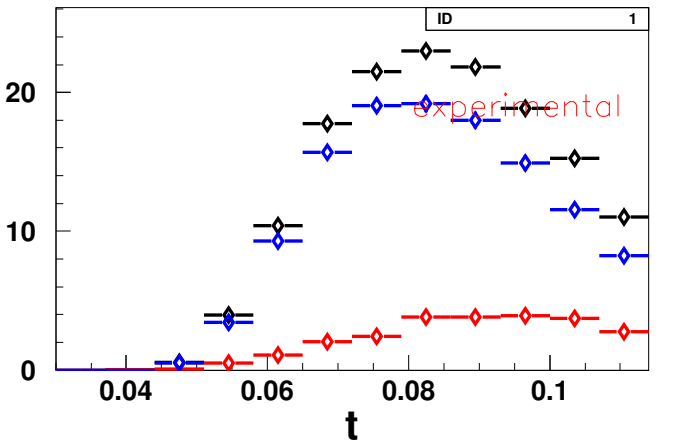

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=0^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

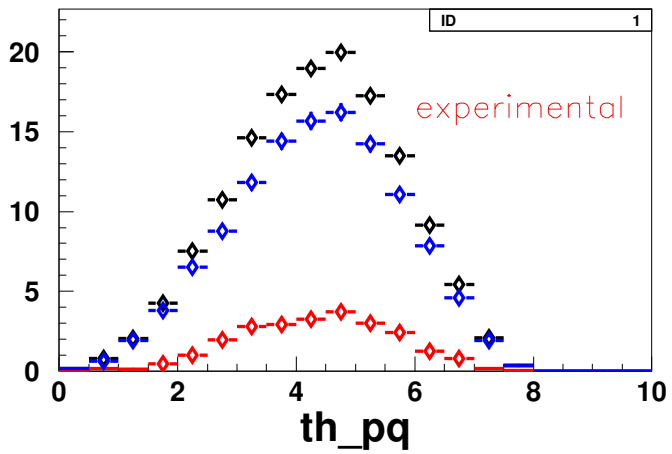
$^2H, Q^2=0.75 GeV^2, \varepsilon=0.7, \Theta_{pq}=4^o, \pi^+$

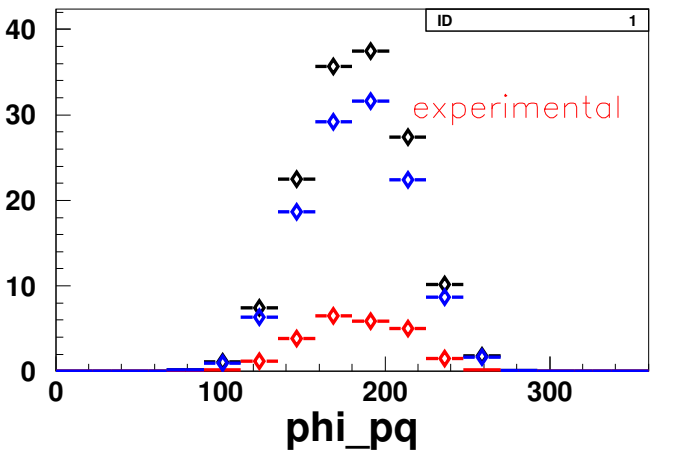


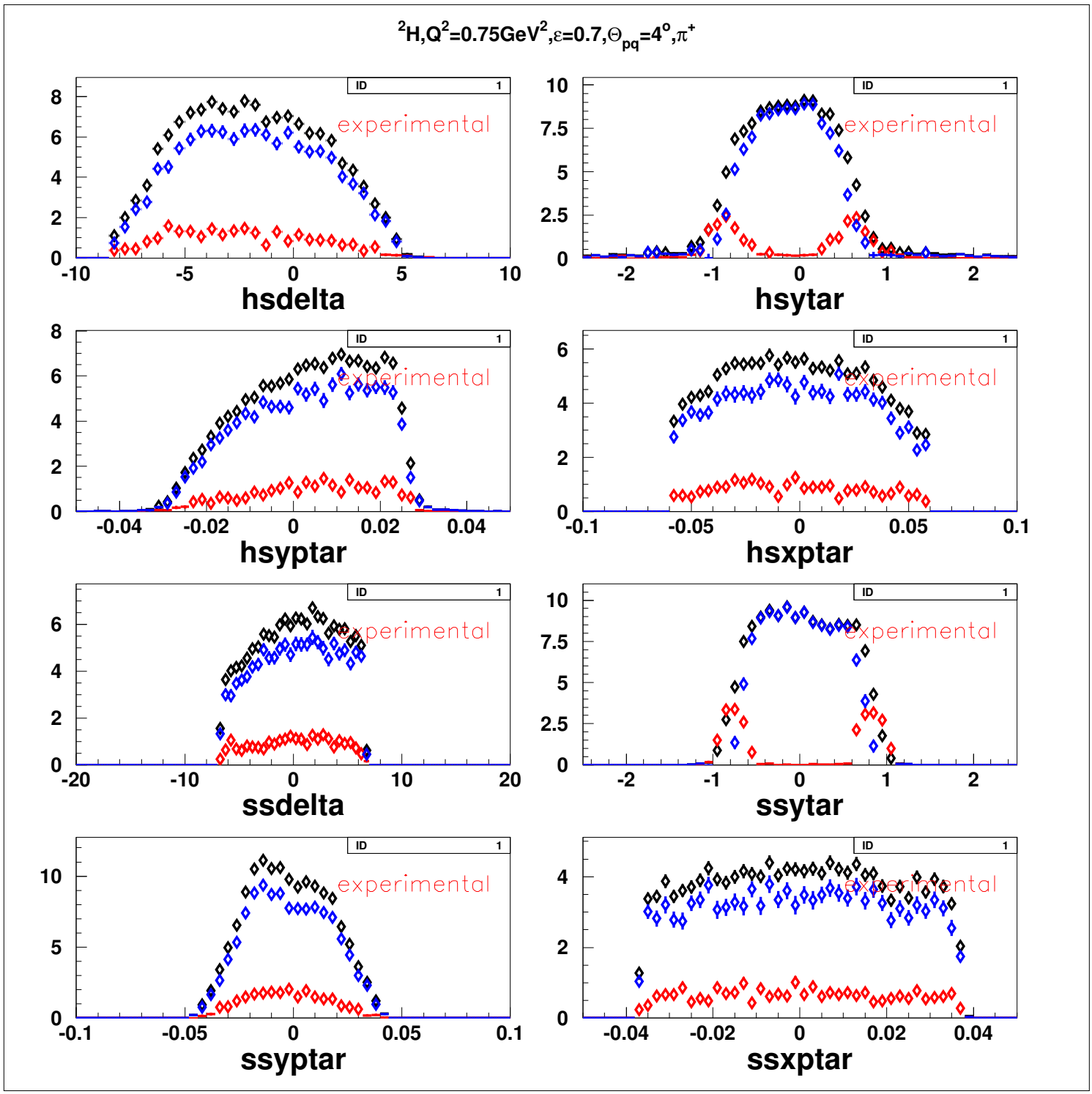




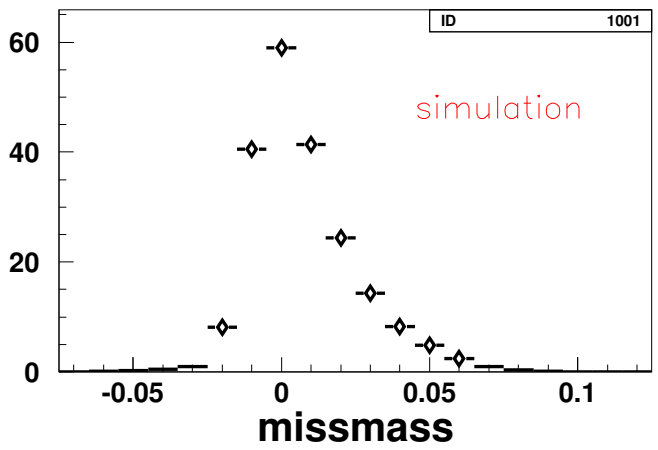


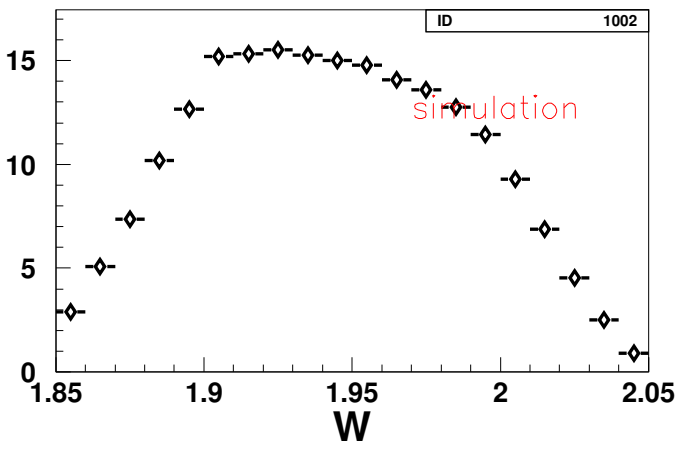


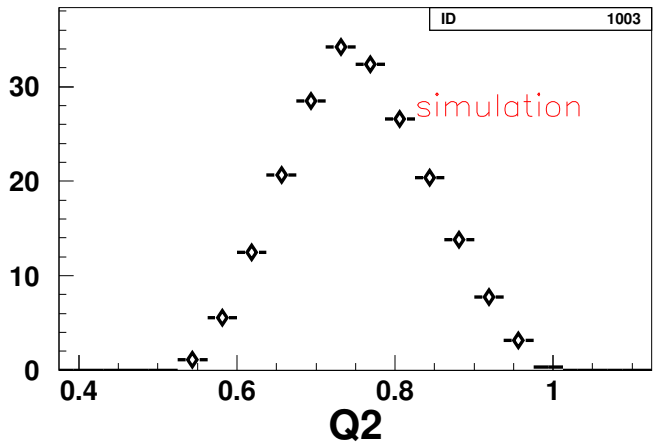


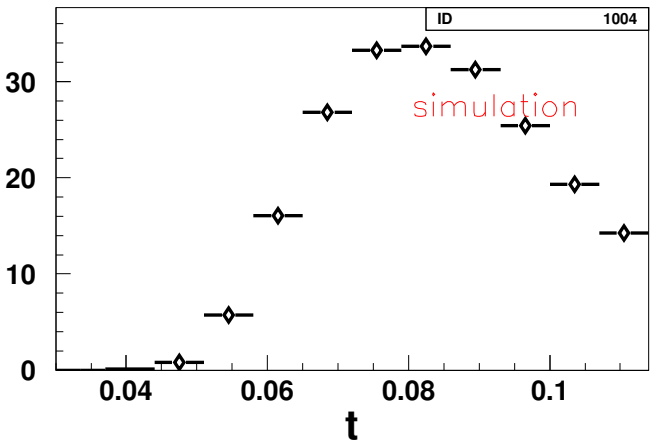

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=4°,π$^+$
ID 1
experimental
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

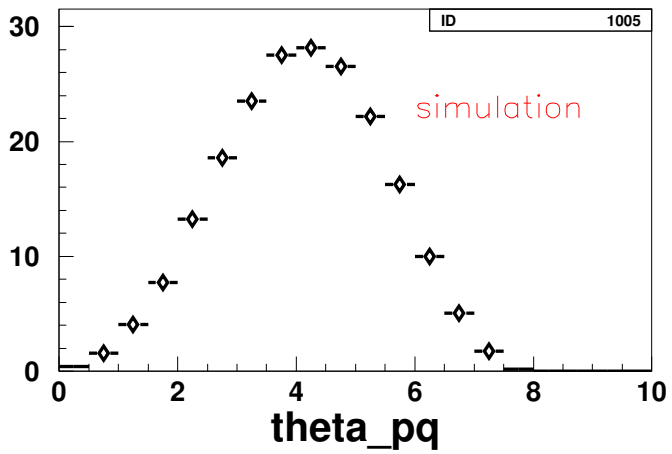
^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ_{pq}=4^o,π^+,simc

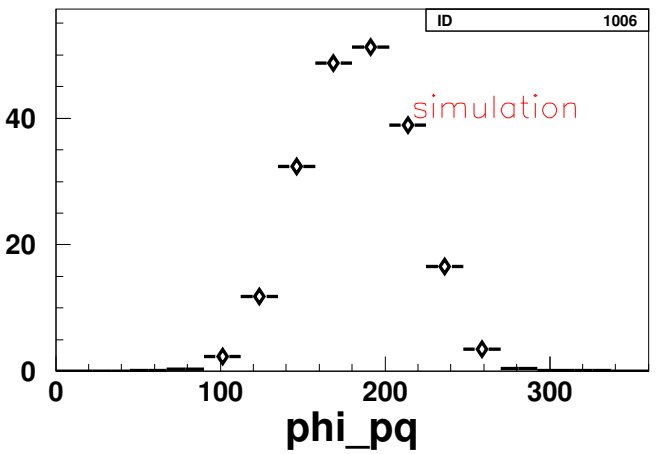




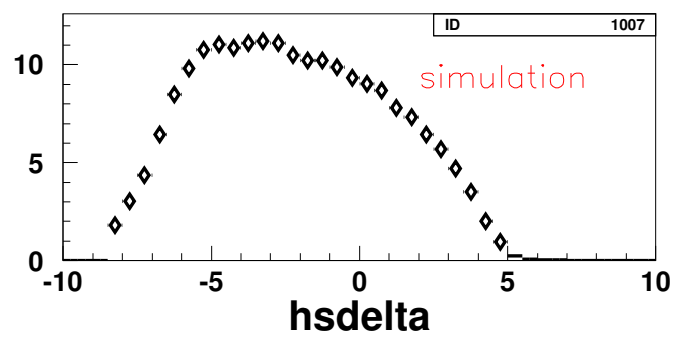


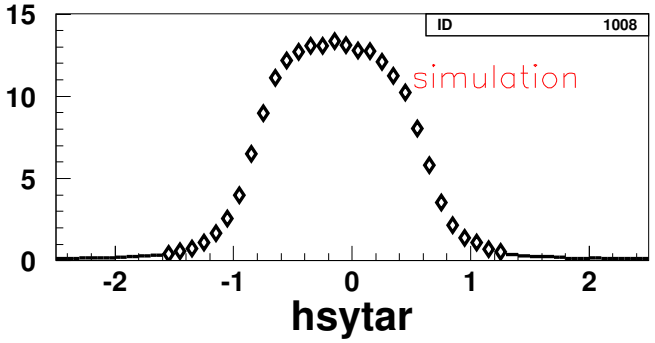


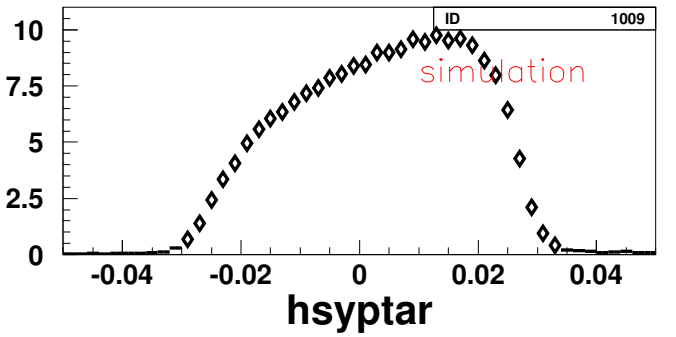


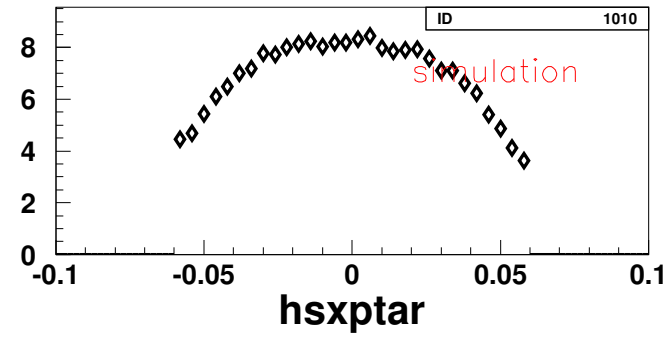


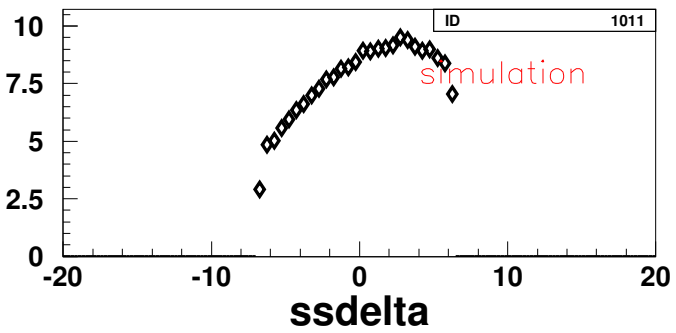
^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=4^o,π$^+$,simc

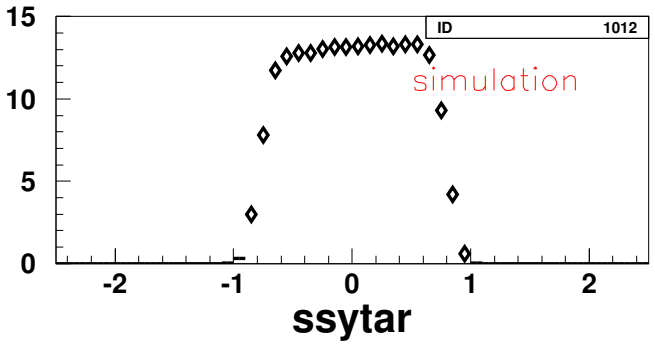


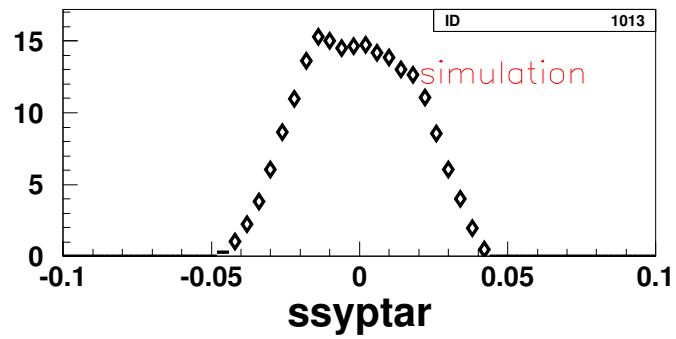


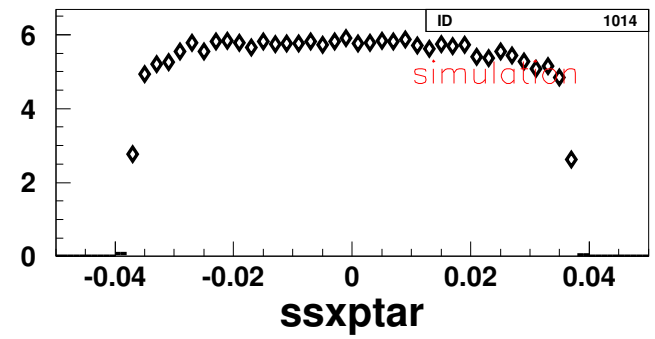


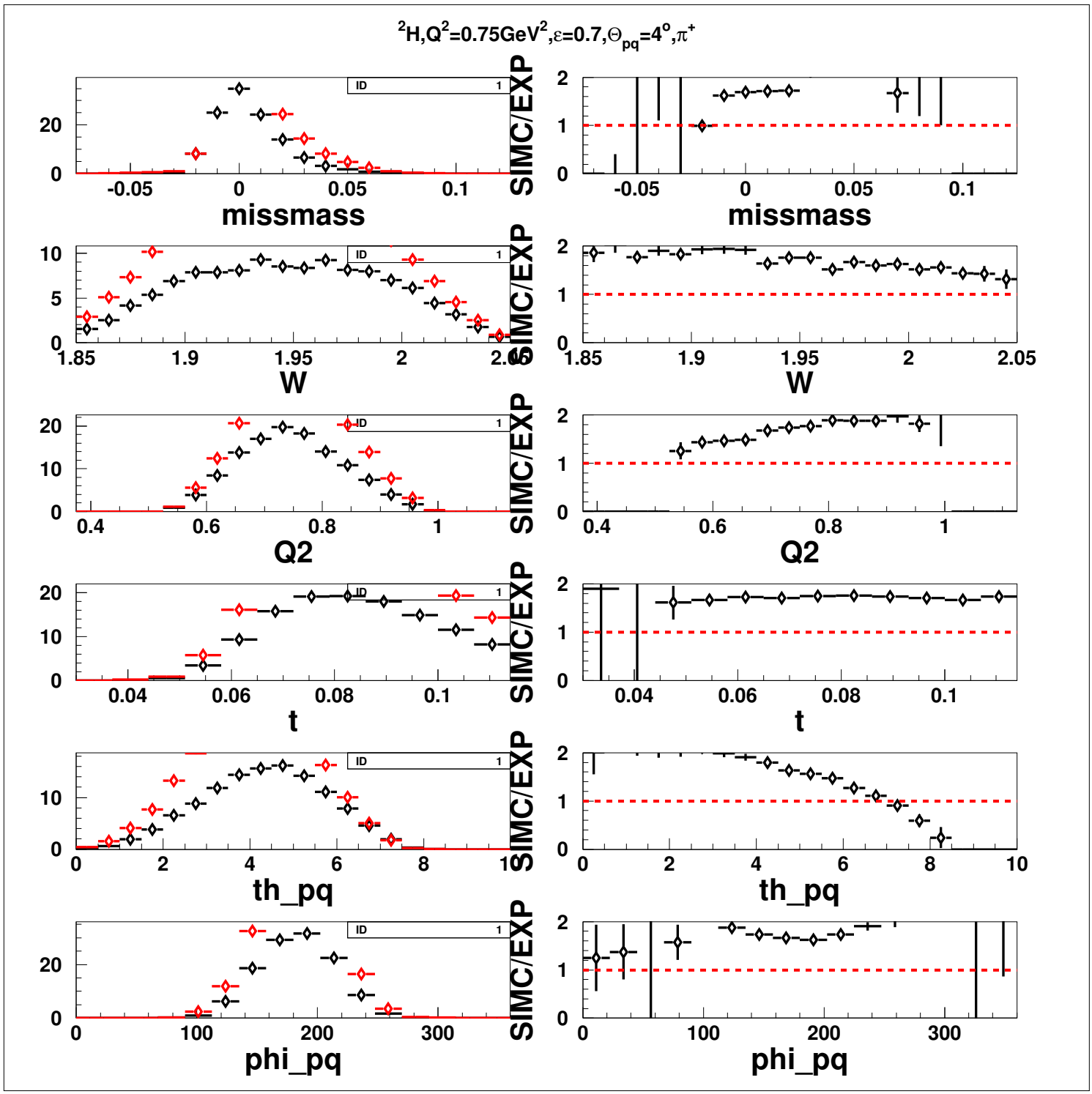


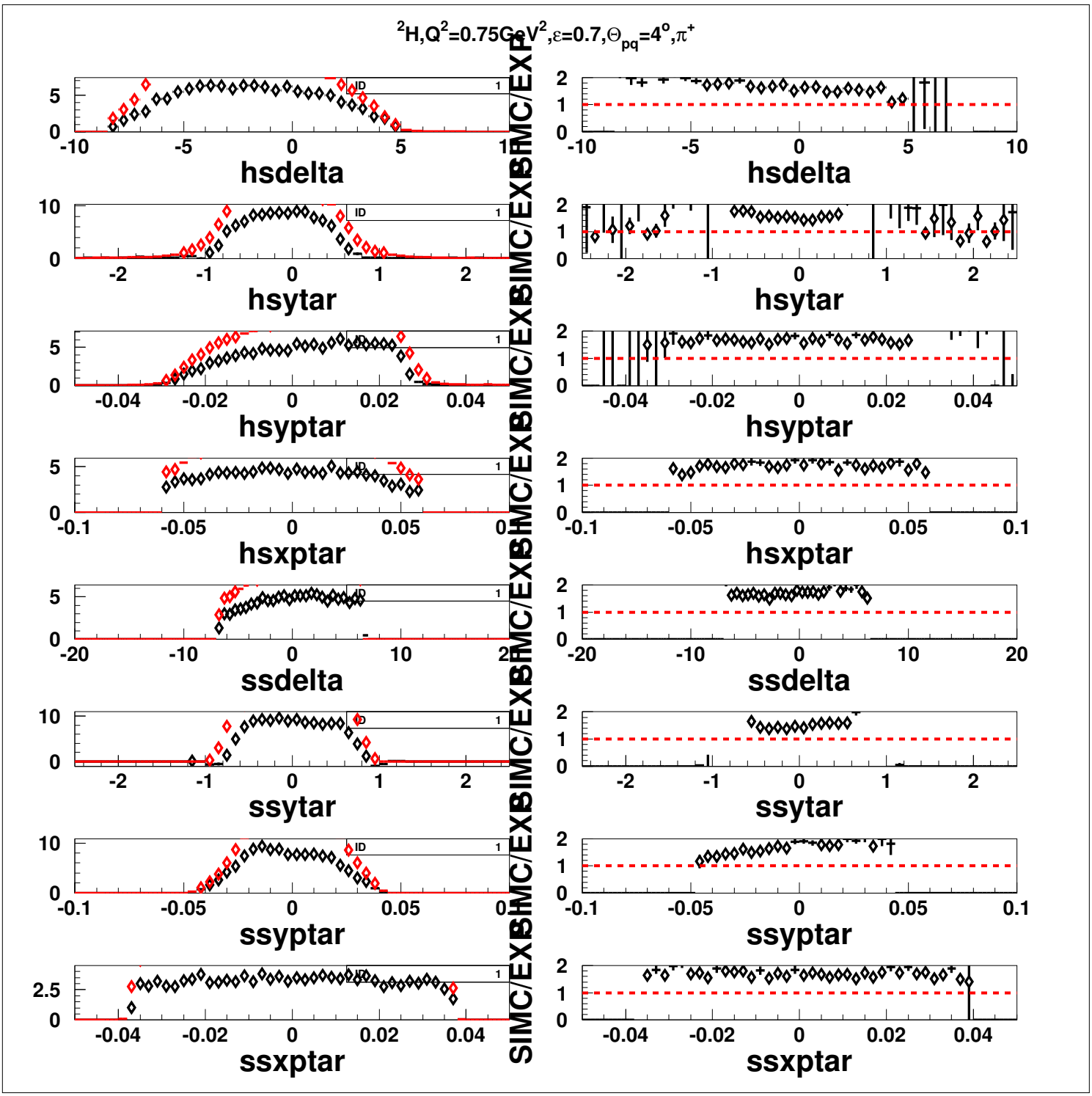




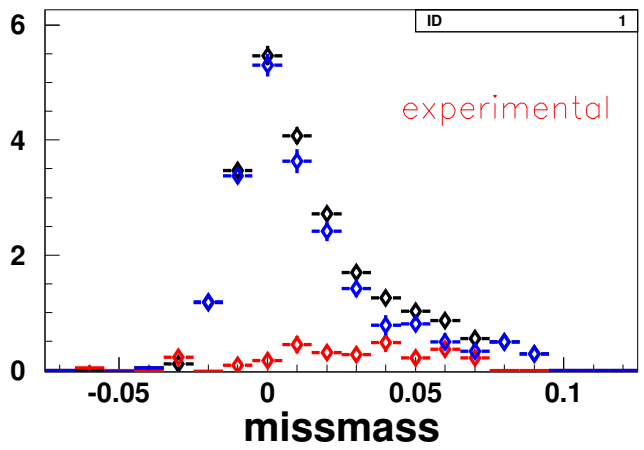


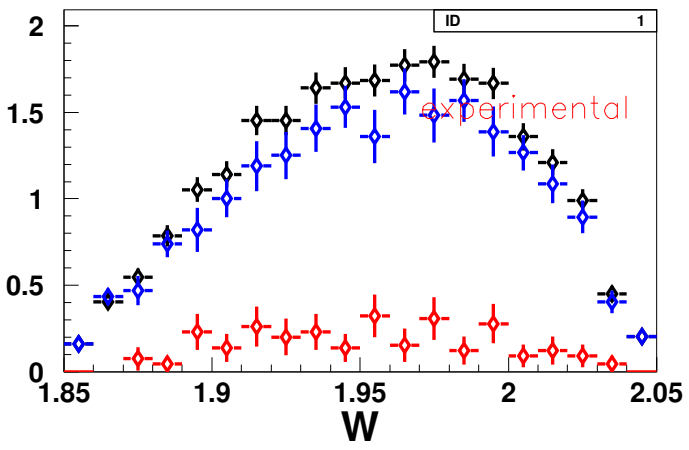


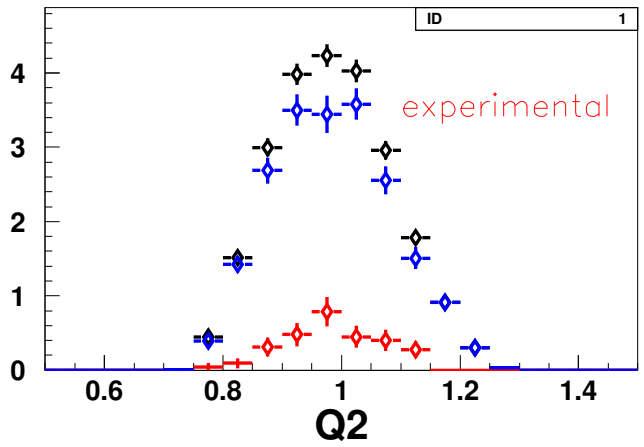

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=4°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

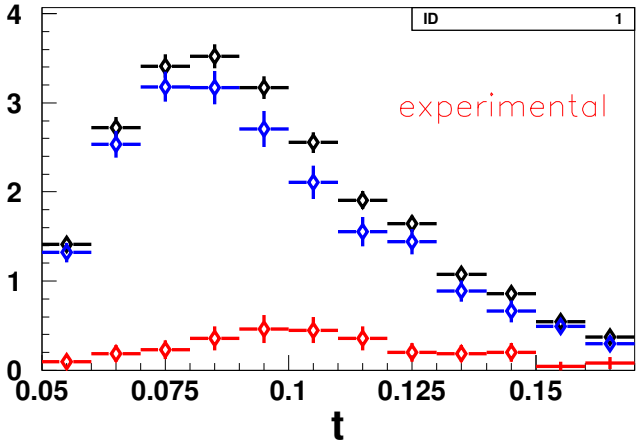

^{2}H,Q^2=0.75GeV^2,ε=0.7,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID

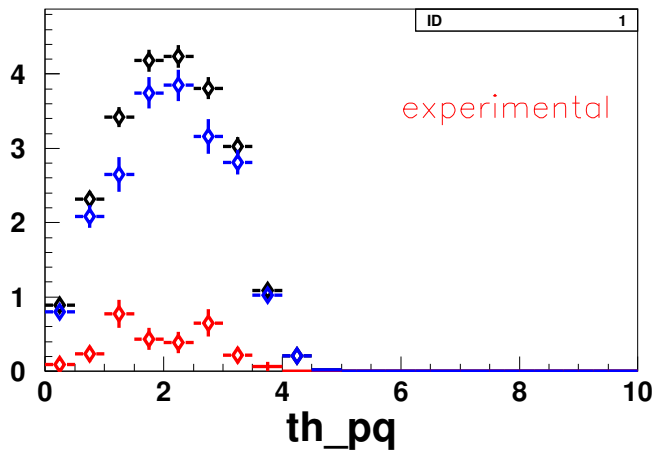
$^2H, Q^2=1 GeV^2, \varepsilon=0.33, \Theta_{pq}=0^o, \pi^+$

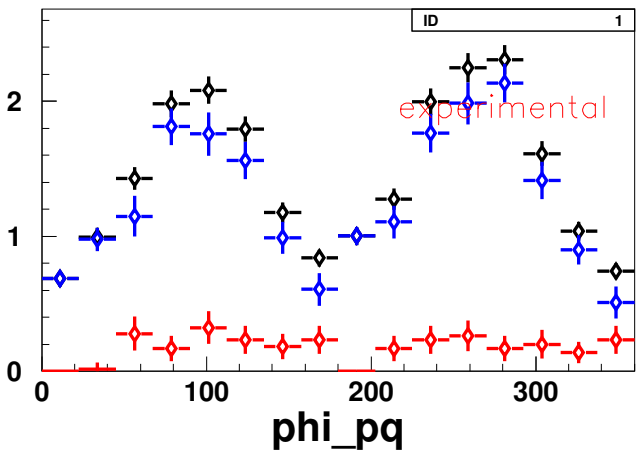




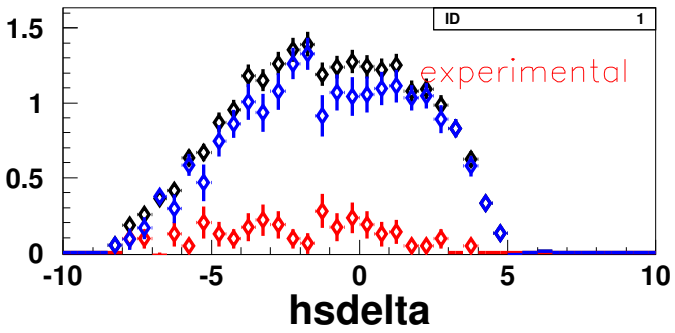


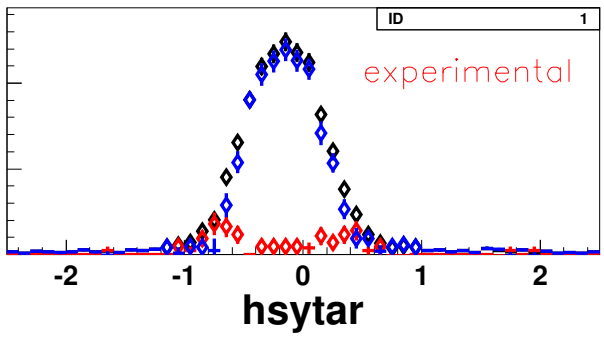


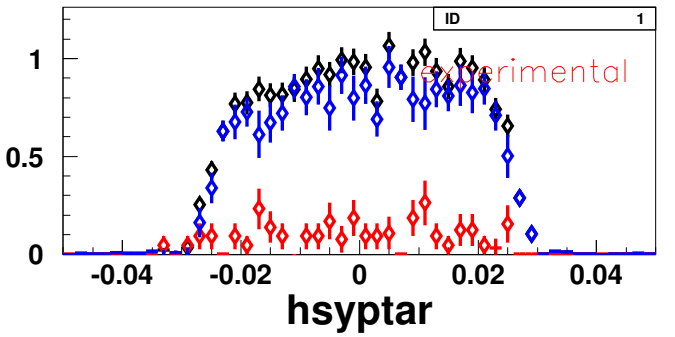


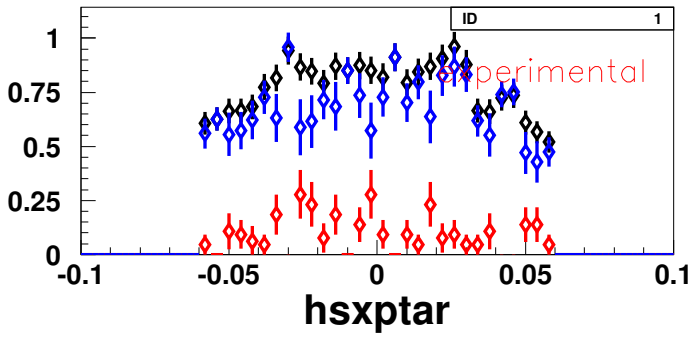


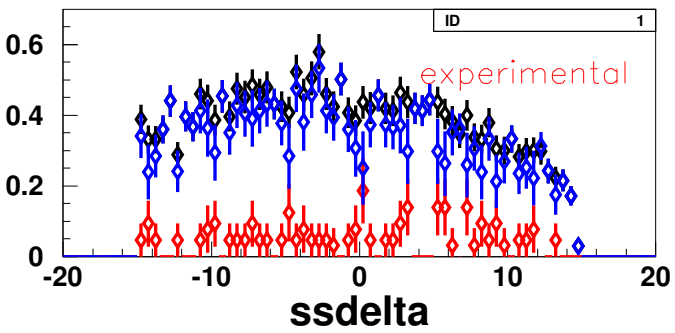
$^2H, Q^2=1 GeV^2, \varepsilon=0.33, \Theta_{pq}=0^o, \pi^+$

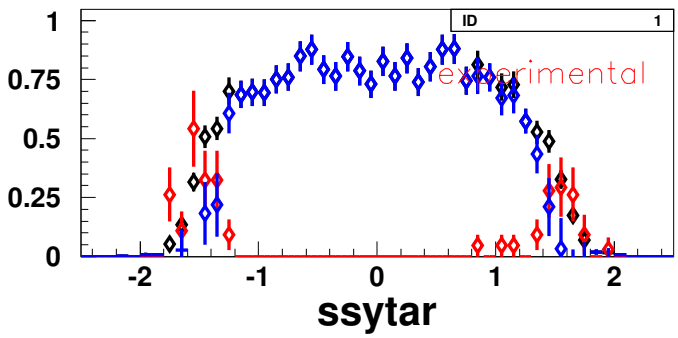


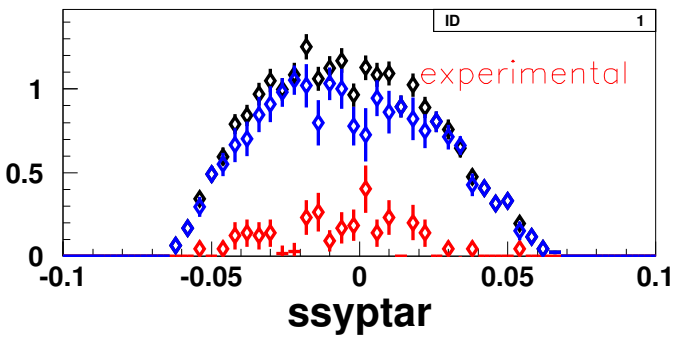


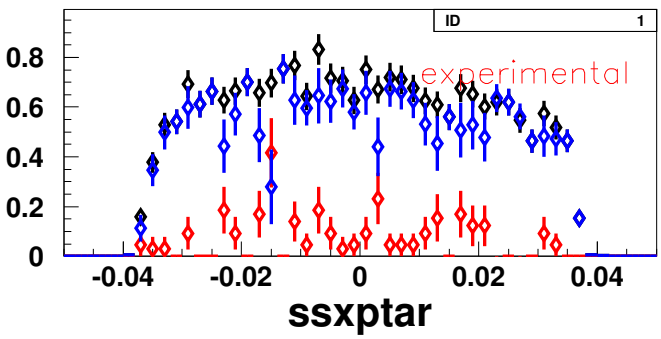




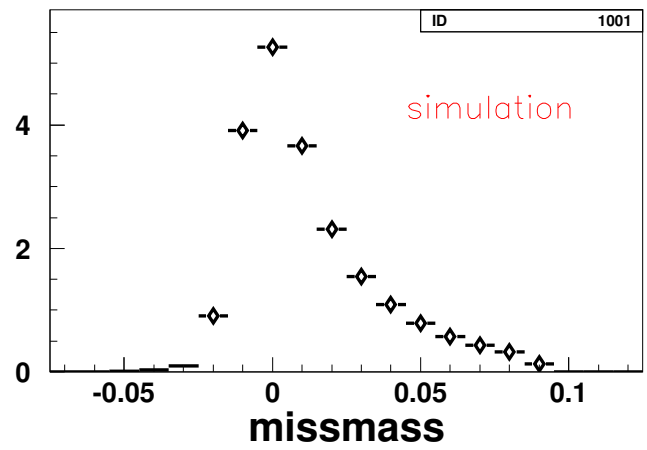


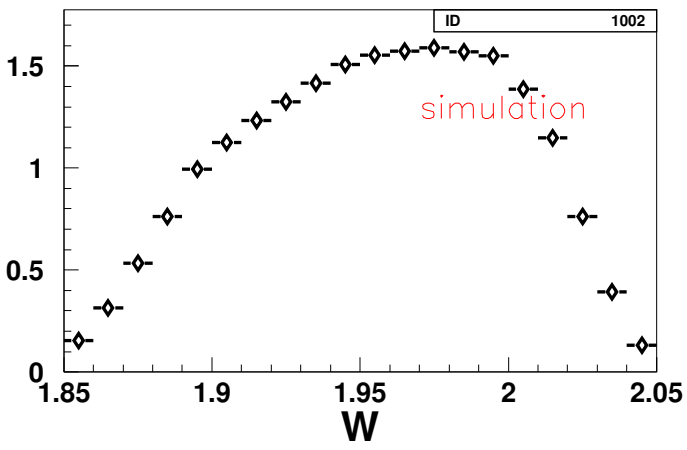


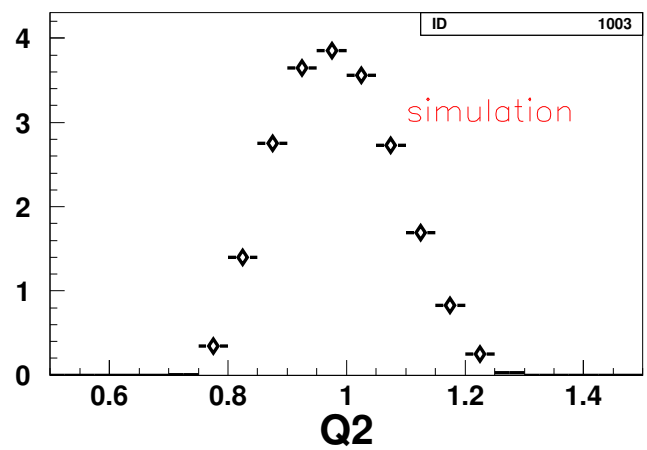


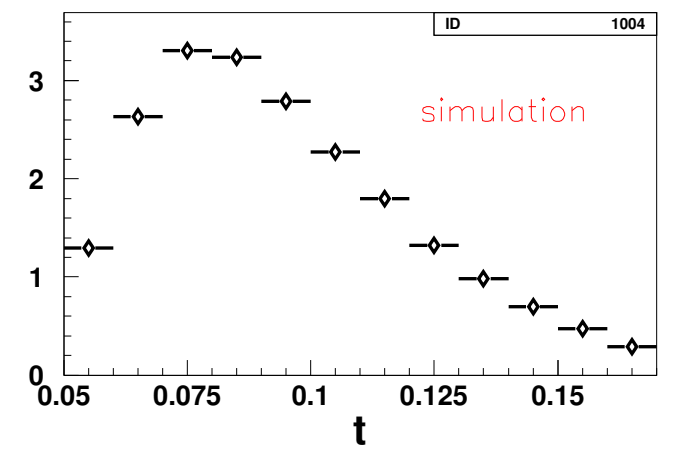


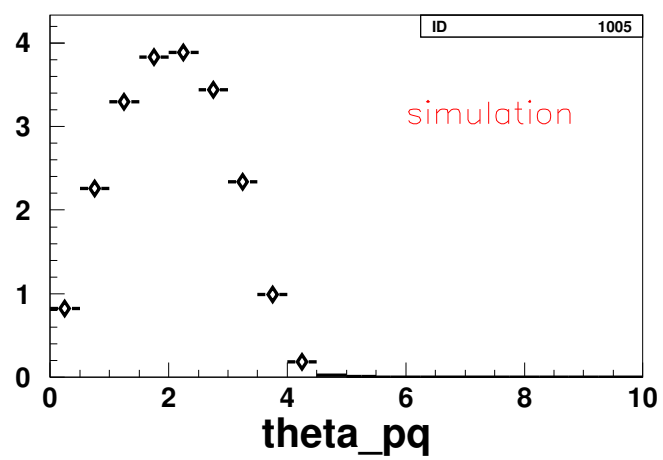
$^2H, Q^2=1 GeV^2, \varepsilon=0.33, \Theta_{pq}=0^o, \pi^+, simc$

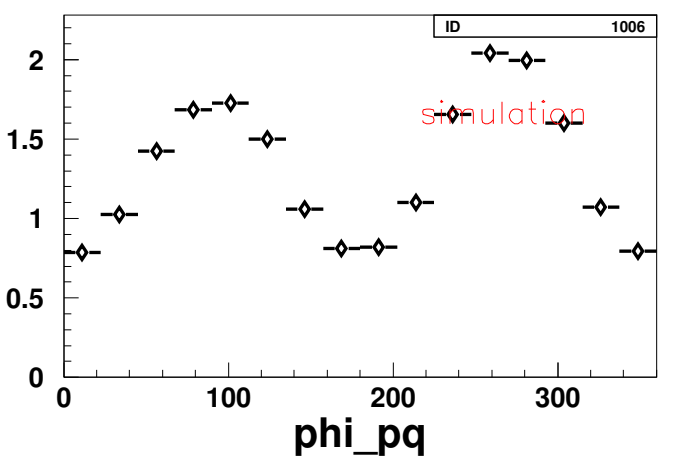




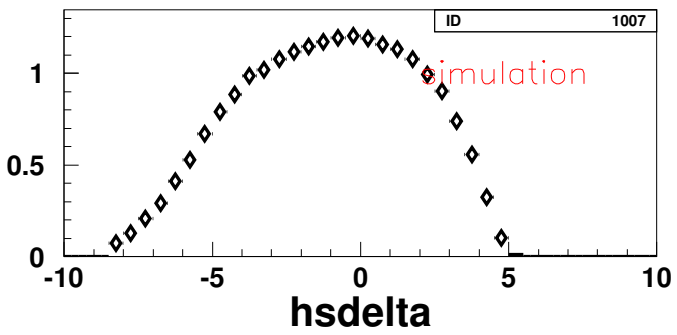


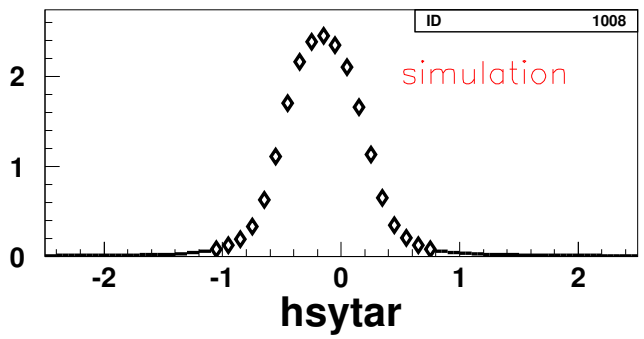


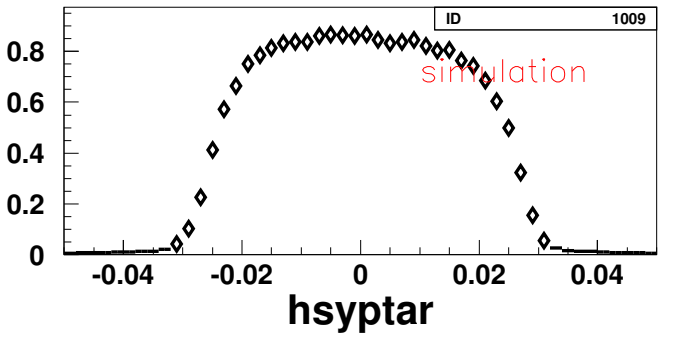


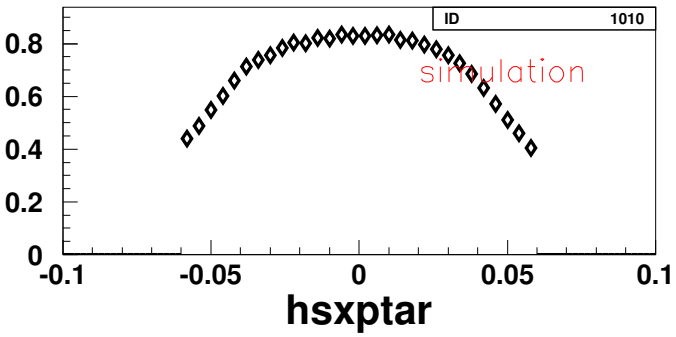


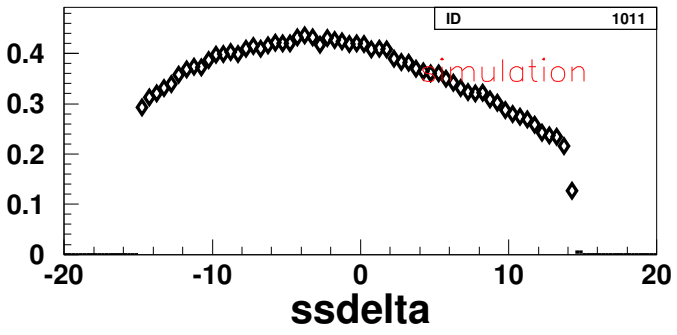
^{2}H,Q^2=1GeV^2,ε=0.33,Θ_{pq}=0^o,π^+,simc

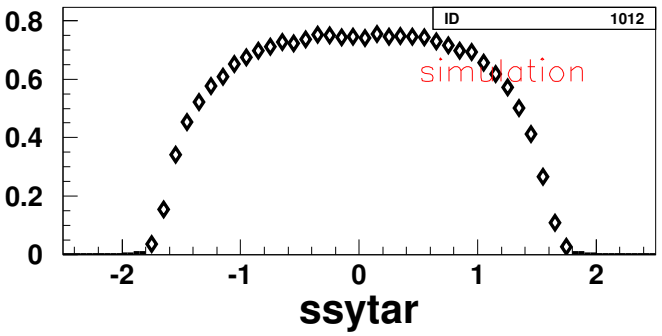


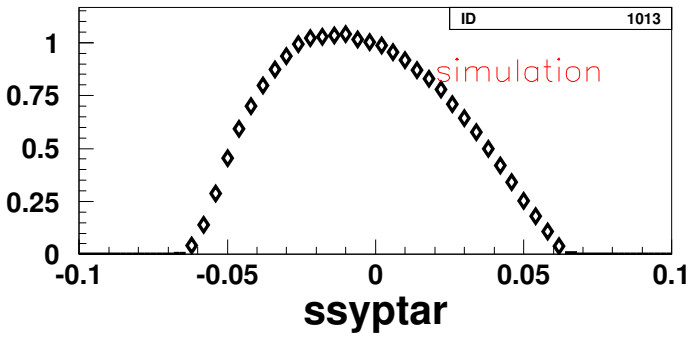


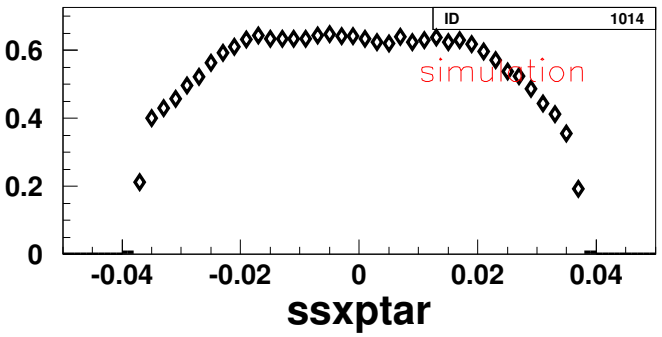


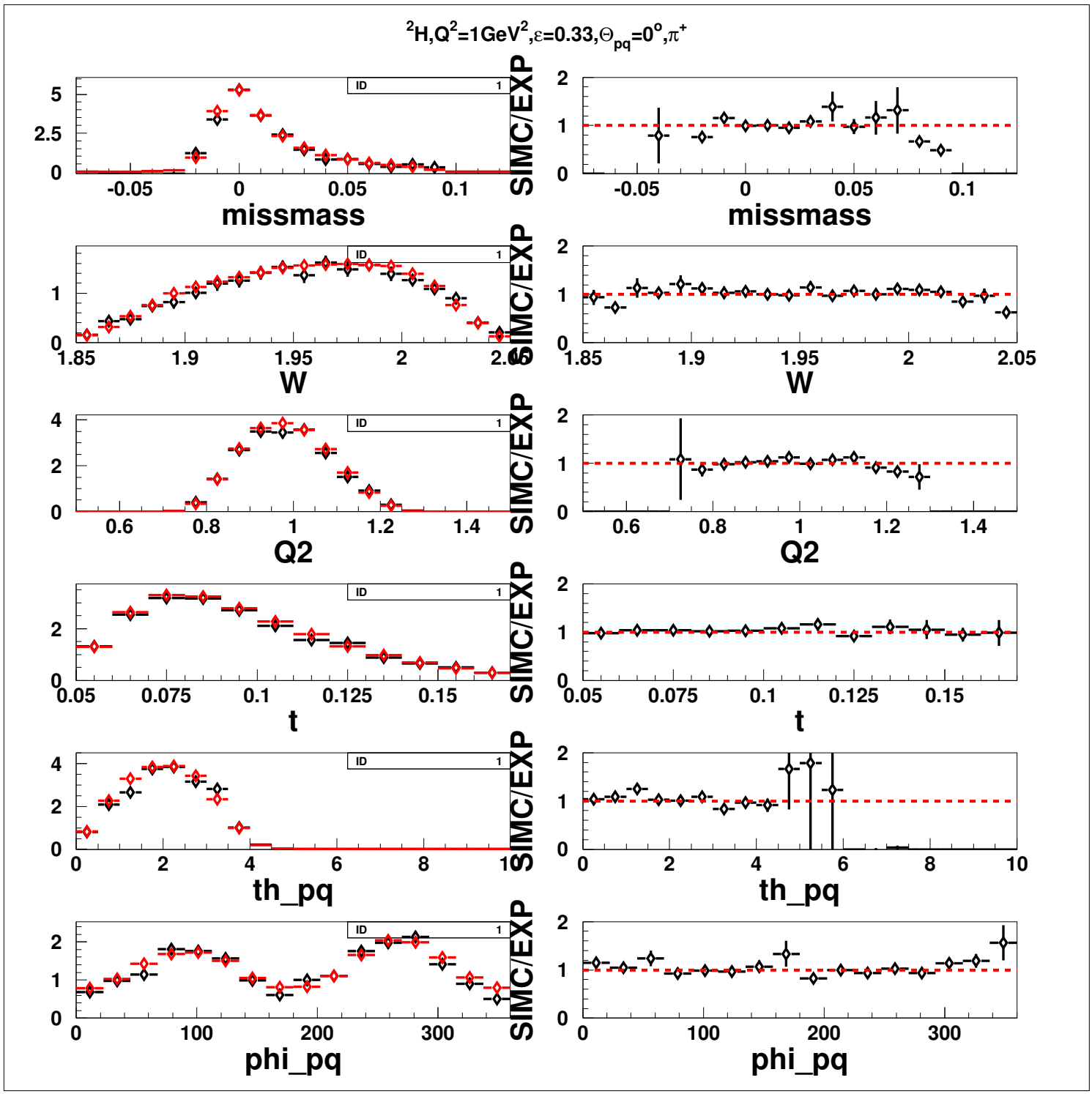


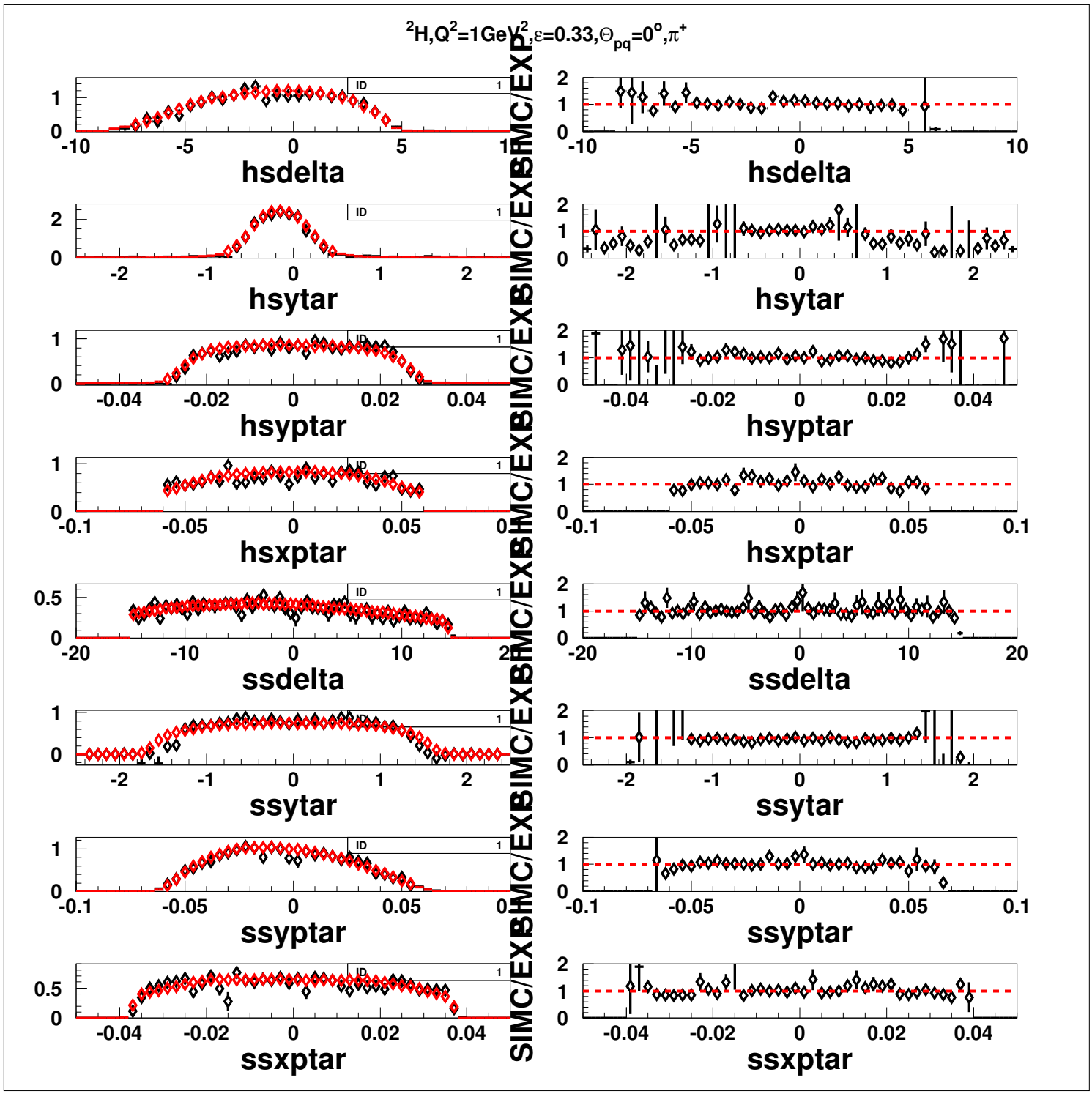




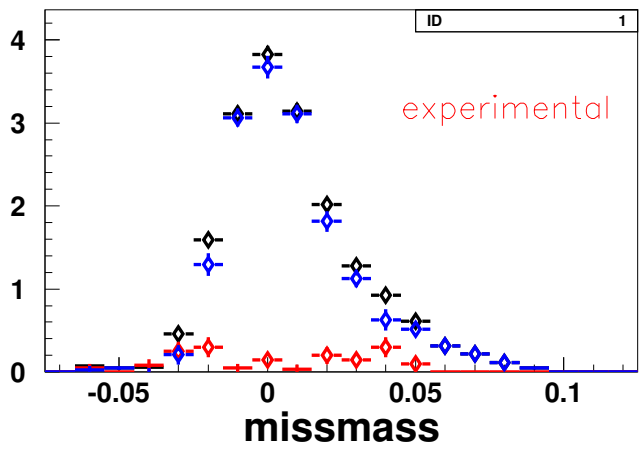


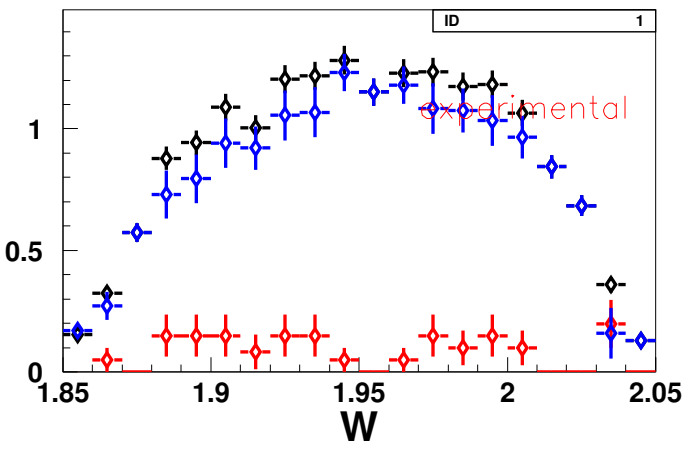


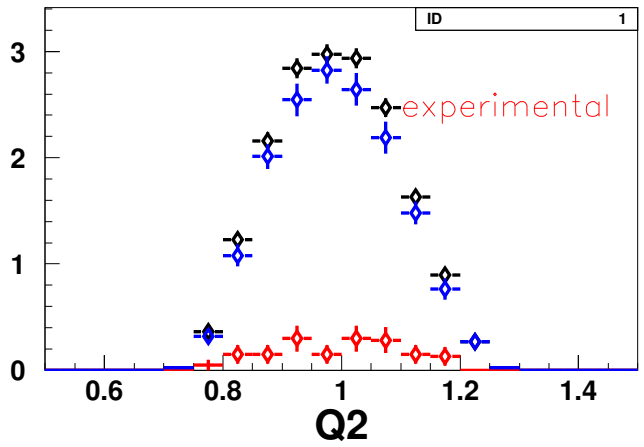

^{2}H,Q^2=1GeV^2,ε=0.33,Θ$_{pq}$=0^o,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

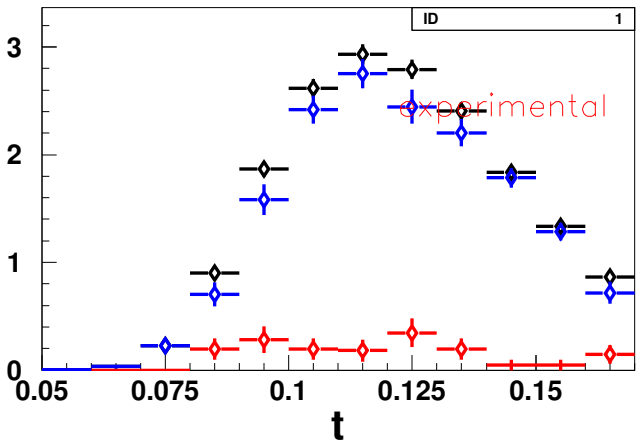

^{2}H,Q^2=1GeV^2,ε=0.33,Θ$_{pq}$=0^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID

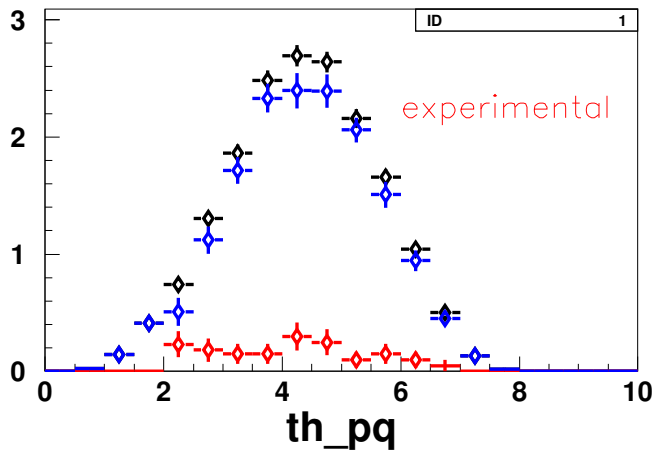
$^2H, Q^2=1GeV^2, \varepsilon=0.33, \Theta_{pq}=4^o, \pi^+$

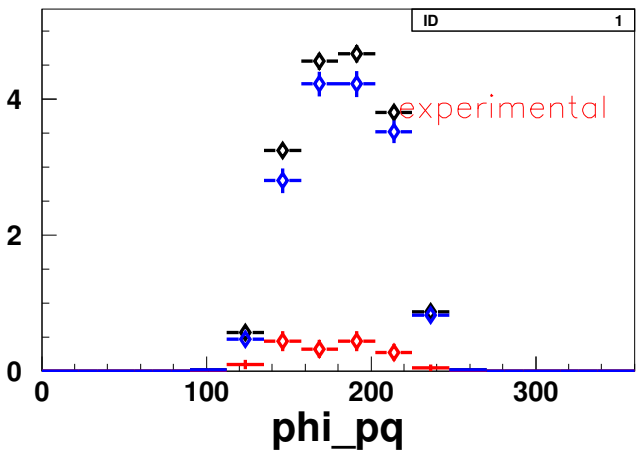


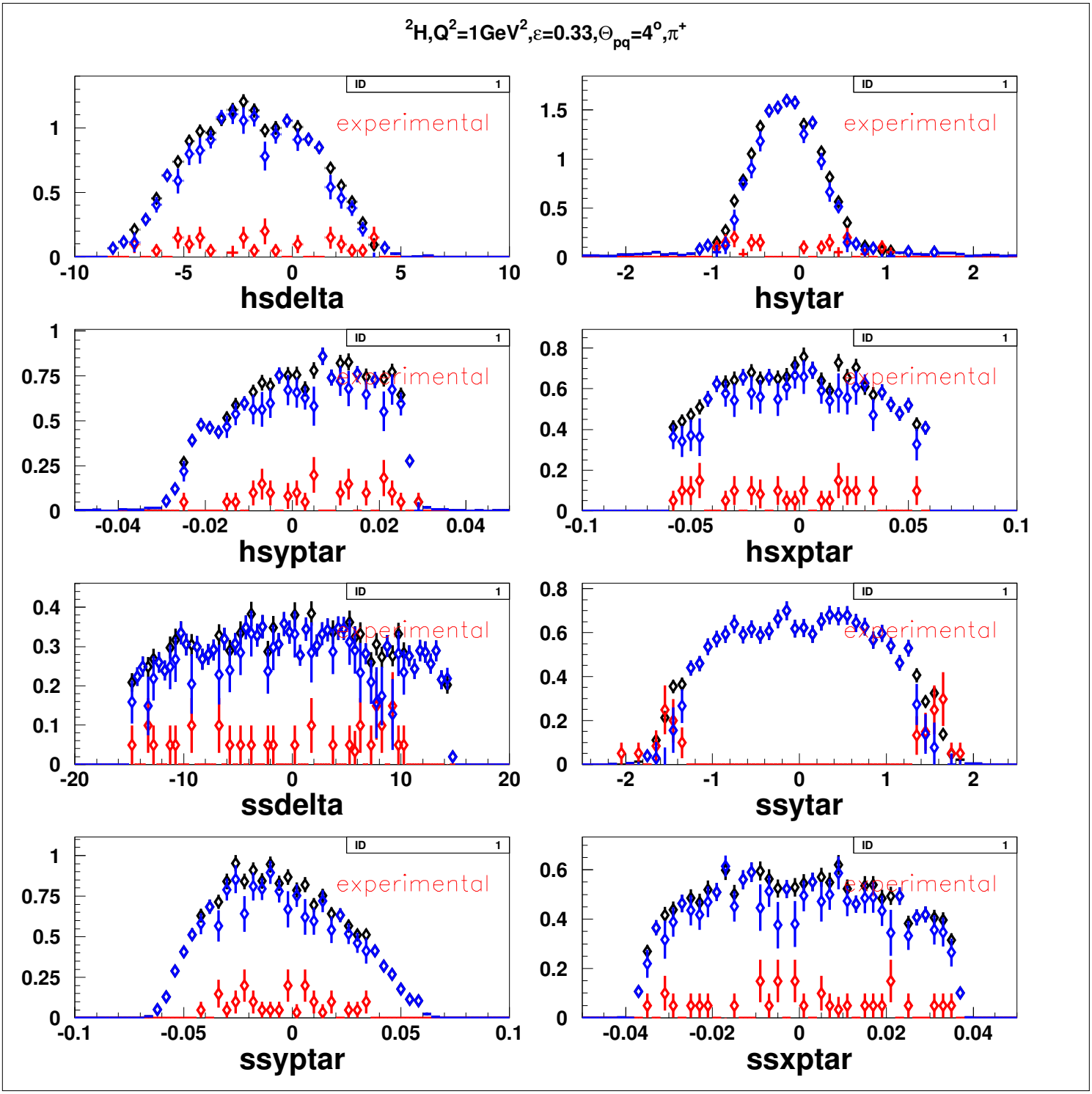




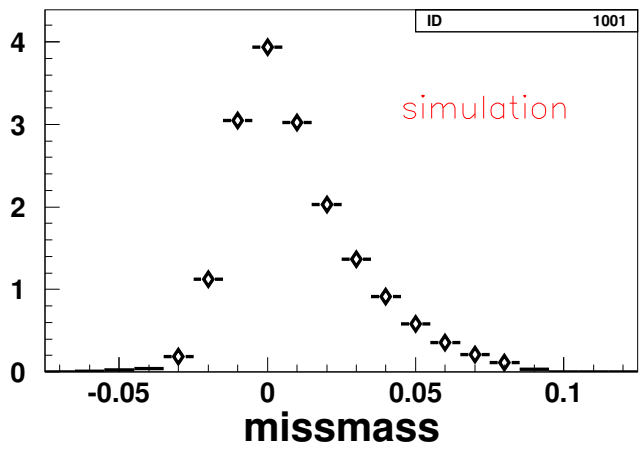


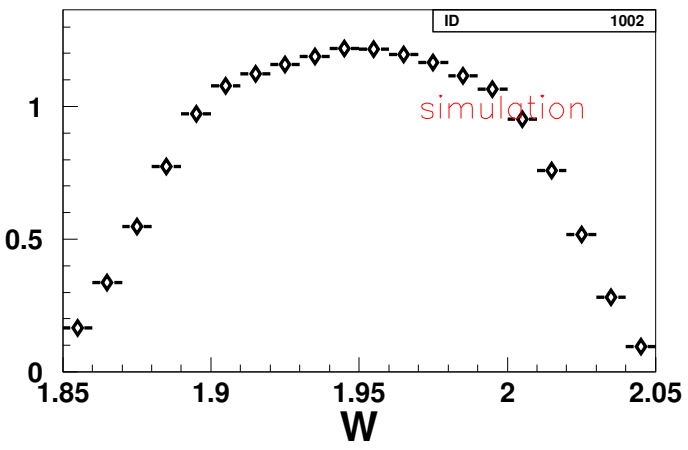


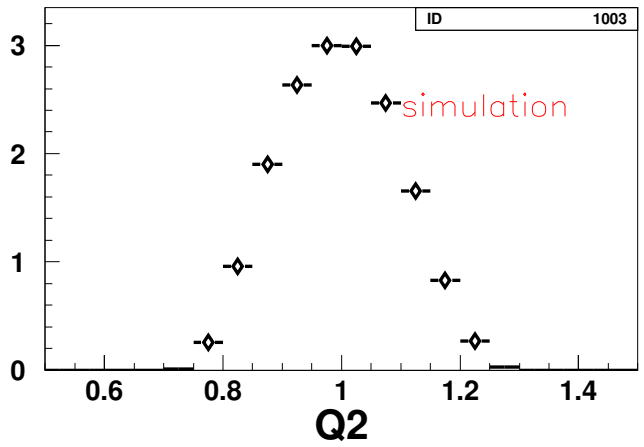


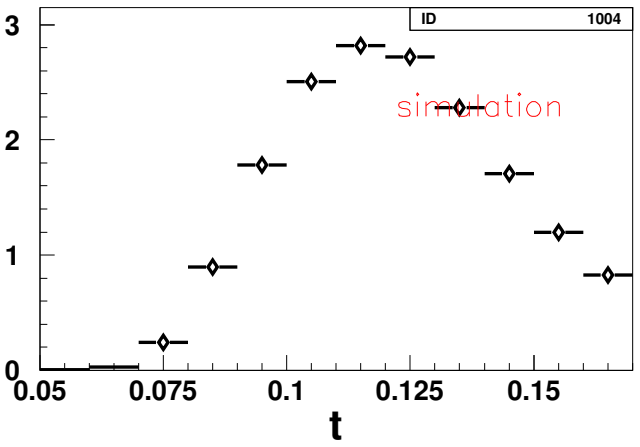

^{2}H,Q^2=1GeV^2,ε=0.33,Θ$_{pq}$=4^o,π$^+$
ID 1
experimental
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

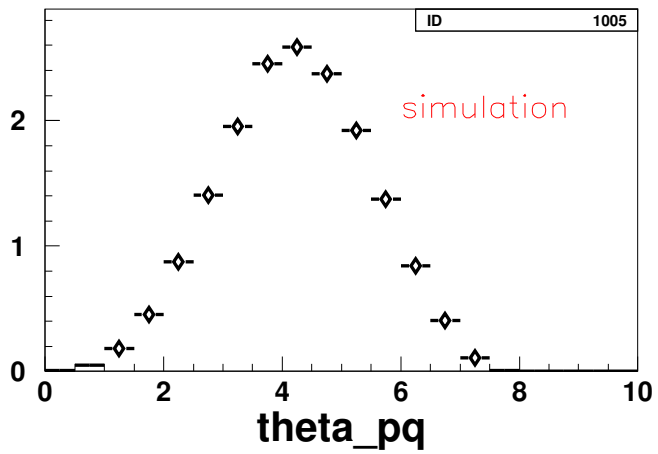
$^2H, Q^2=1GeV^2, \varepsilon=0.33, \Theta_{pq}=4^o, \pi^+, simc$

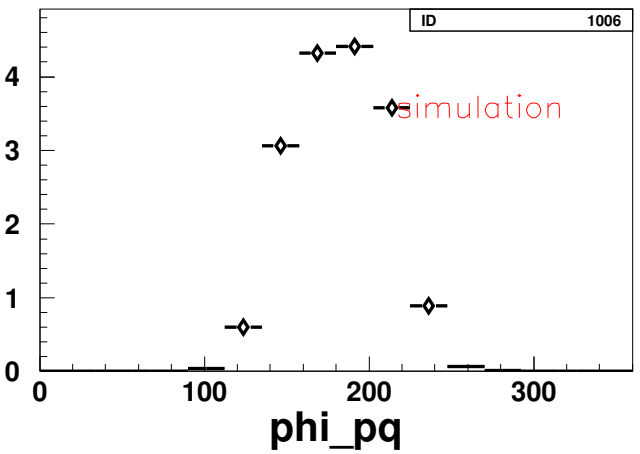




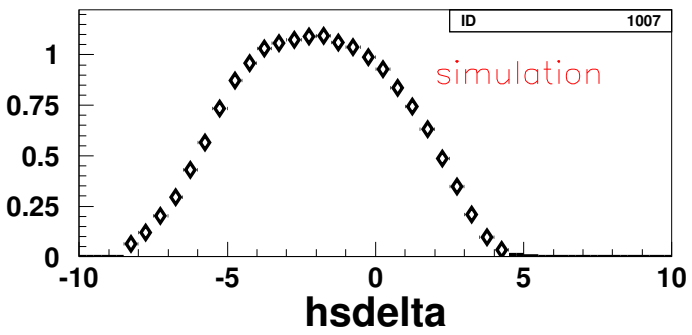


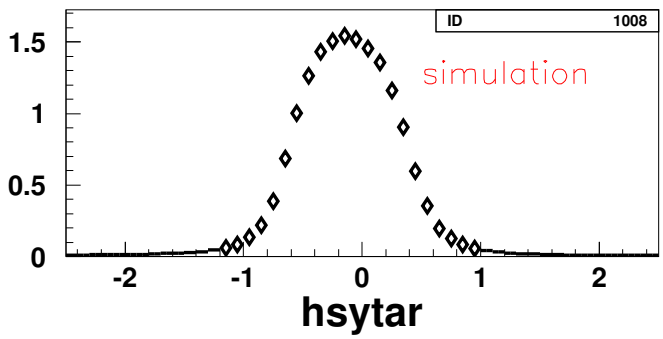


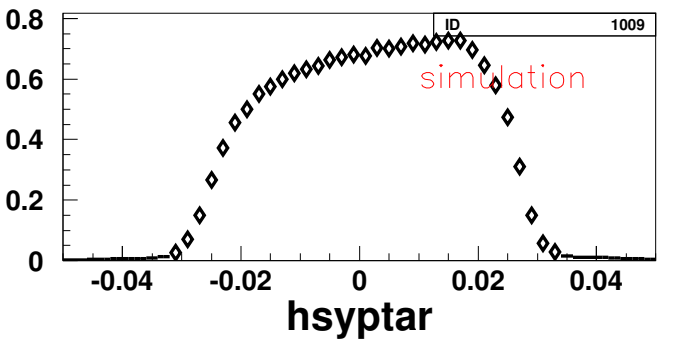


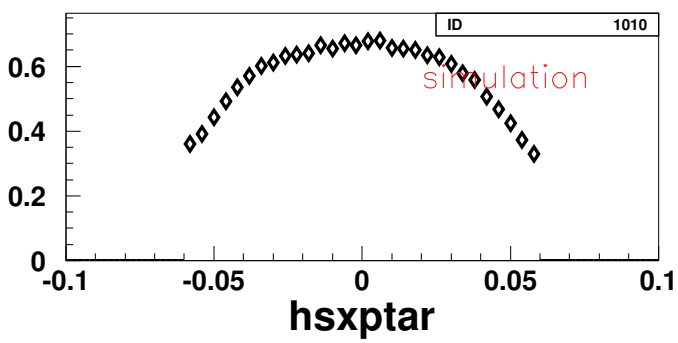


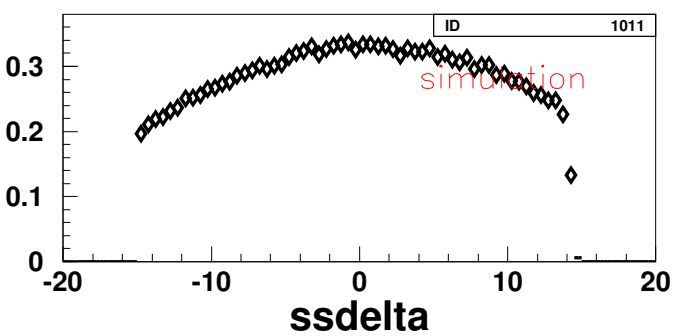
^{2}H,Q^2=1GeV^2,ε=0.33,Θ_{pq}=4^o,π^+,simc

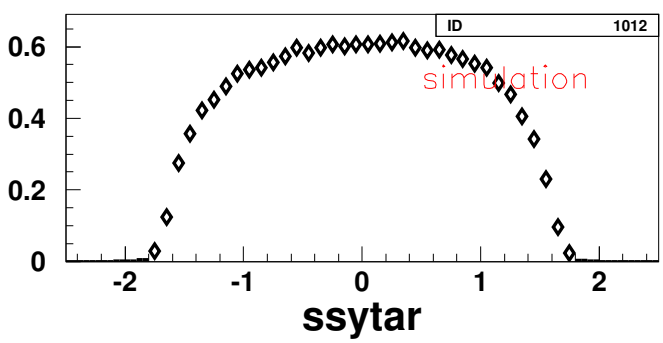


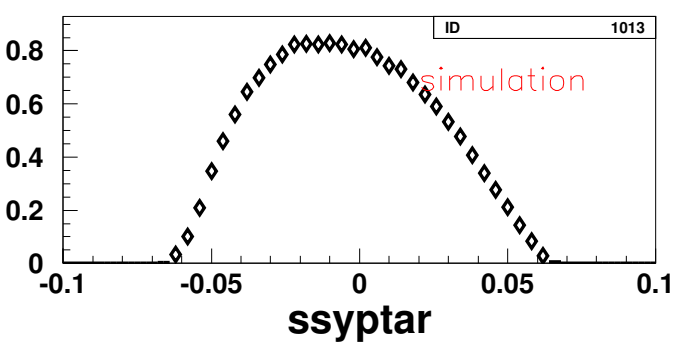


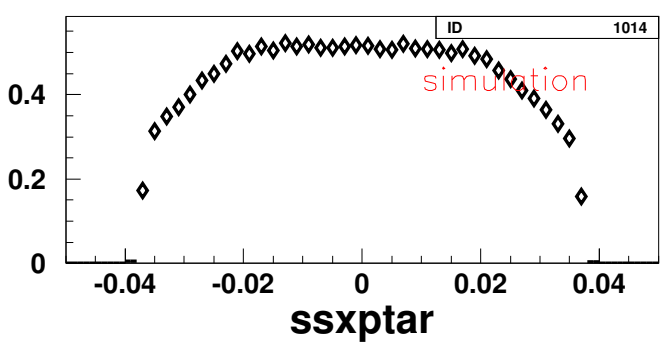


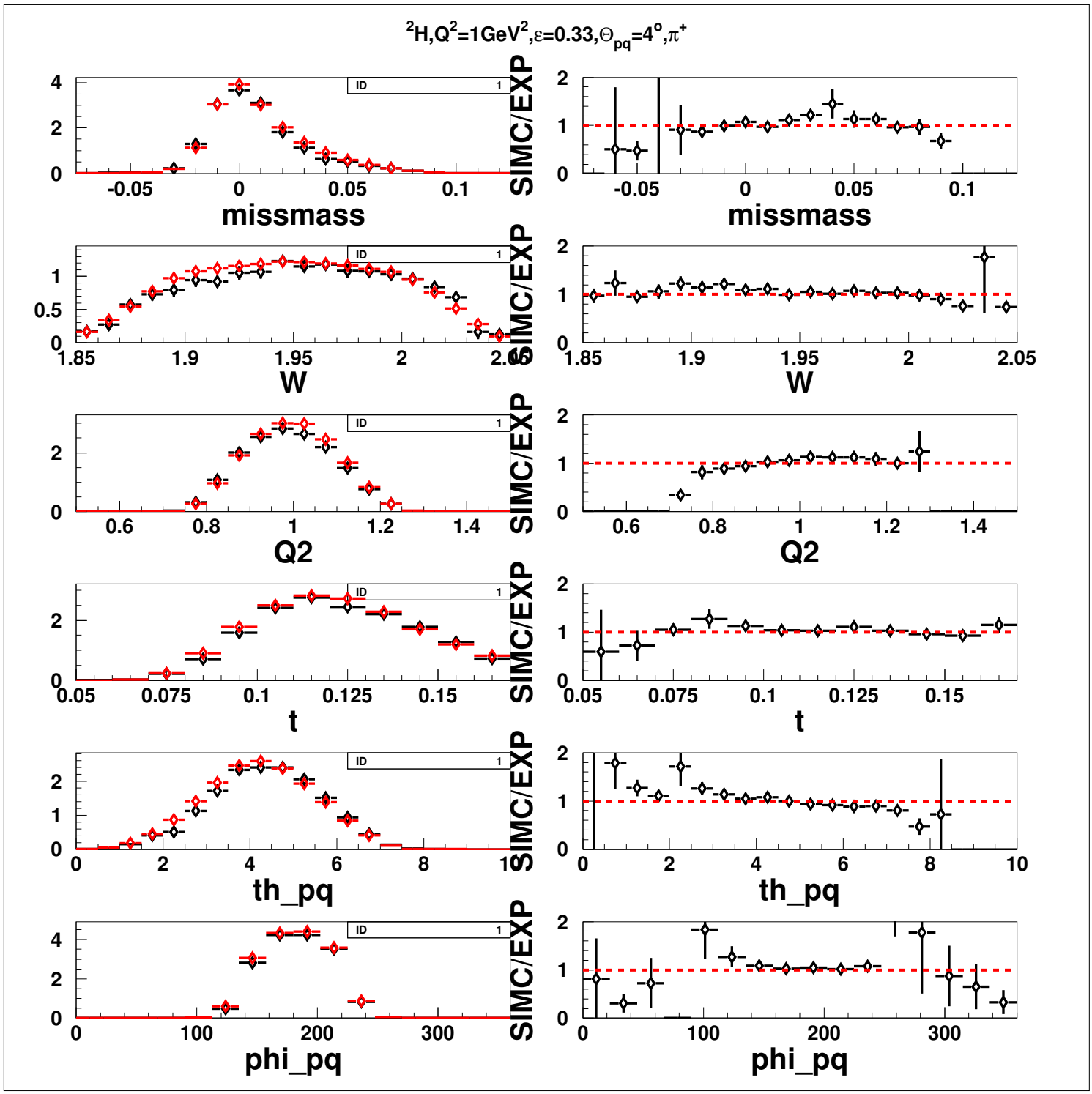


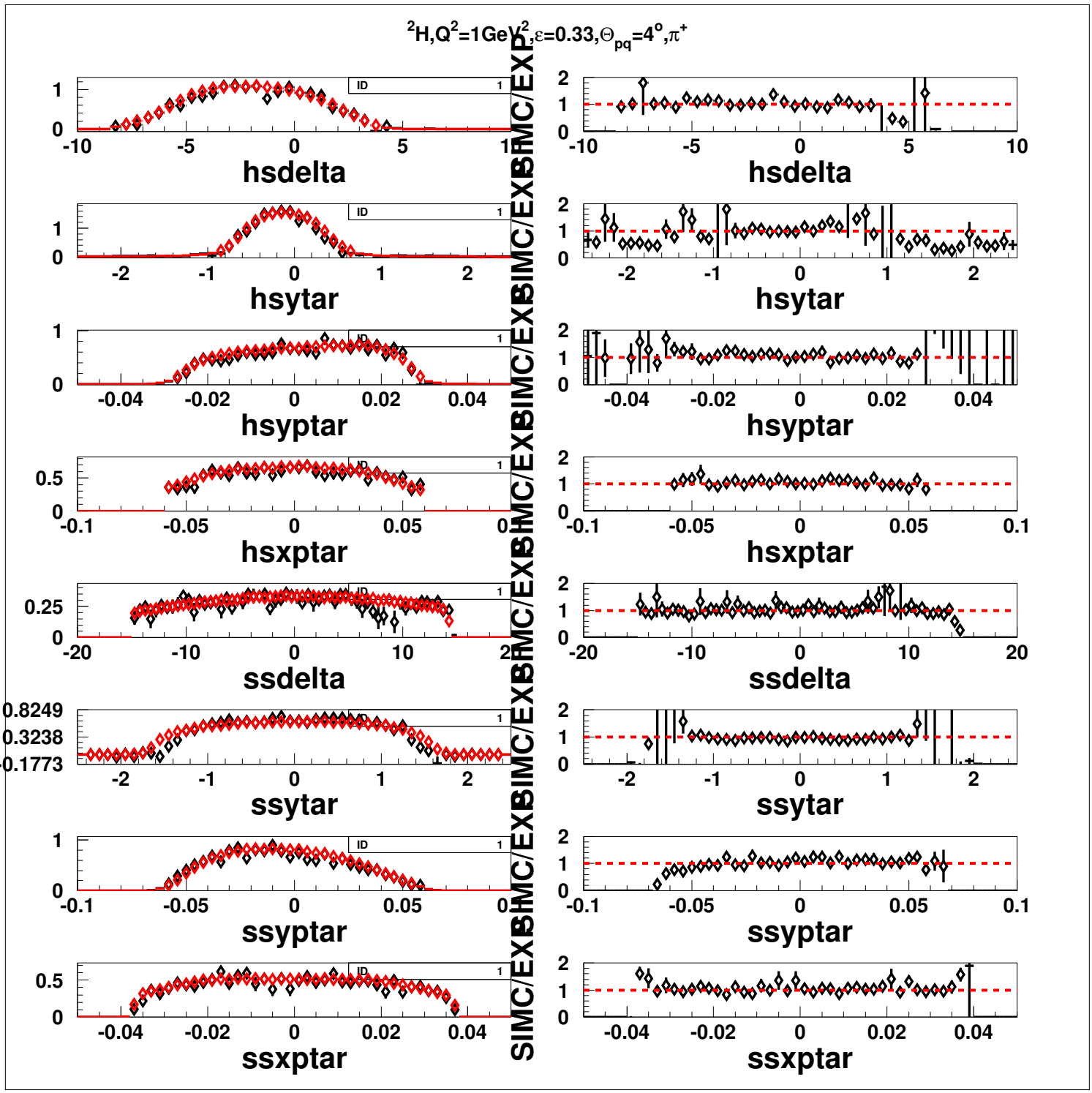









^{2}H,Q^2=1GeV^2,ε=0.33,Θ$_{pq}$=4^o,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1GeV^2,ε=0.33,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
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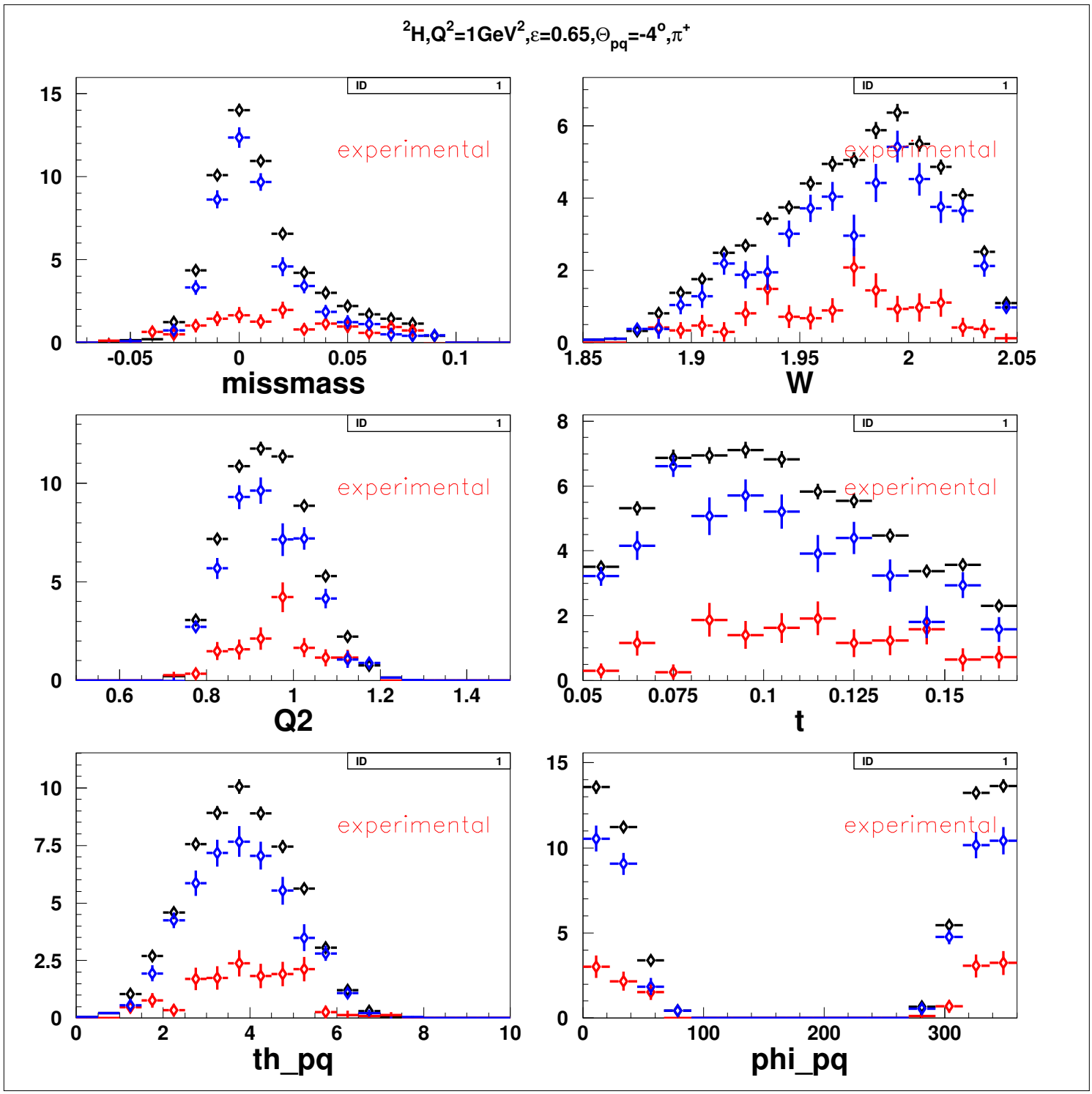
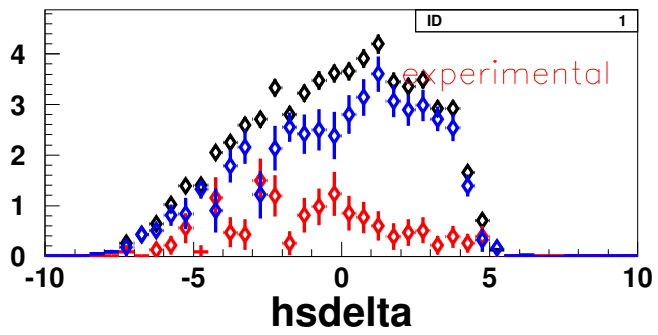
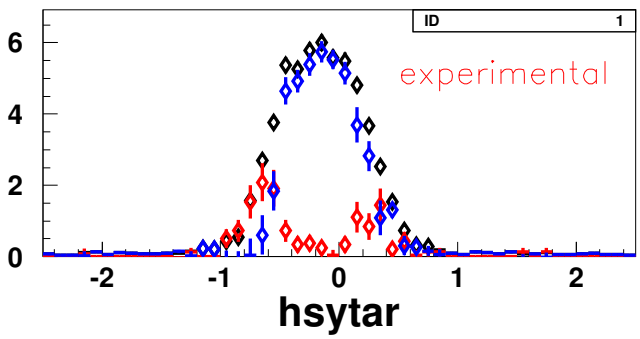
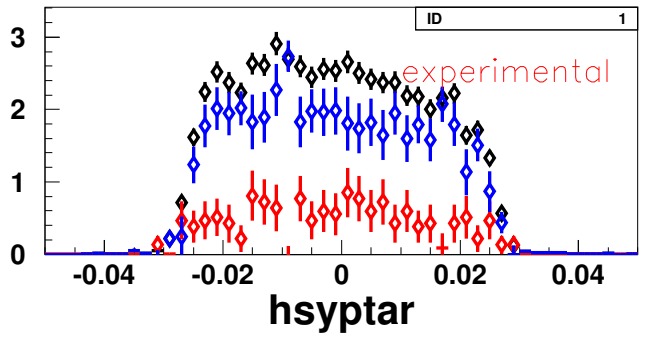
ssyptar
ssxptar
ID
1

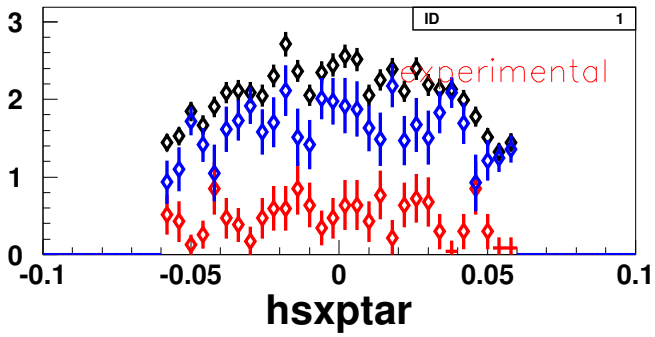

^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=-4°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

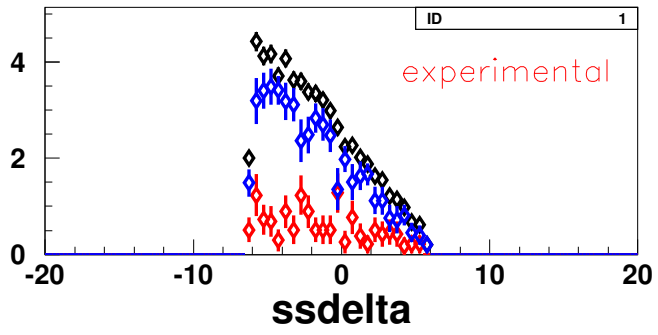
$^2H, Q^2=1GeV^2, \varepsilon=0.65, \Theta_{pq}=-4^o, \pi^+$

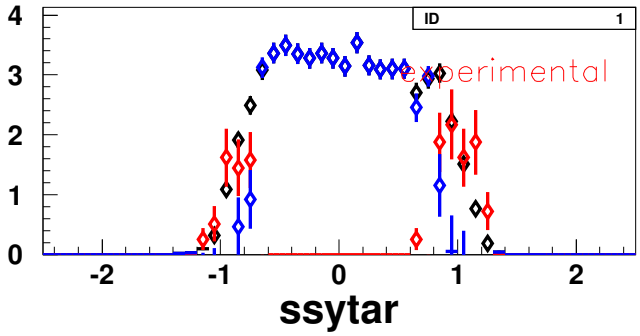


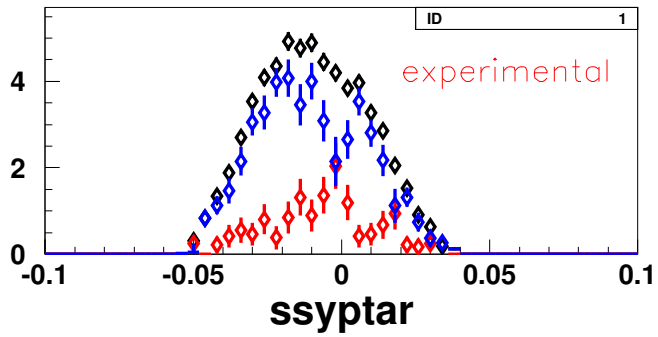


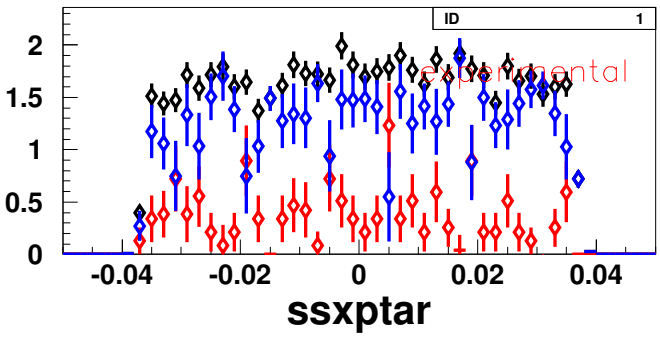


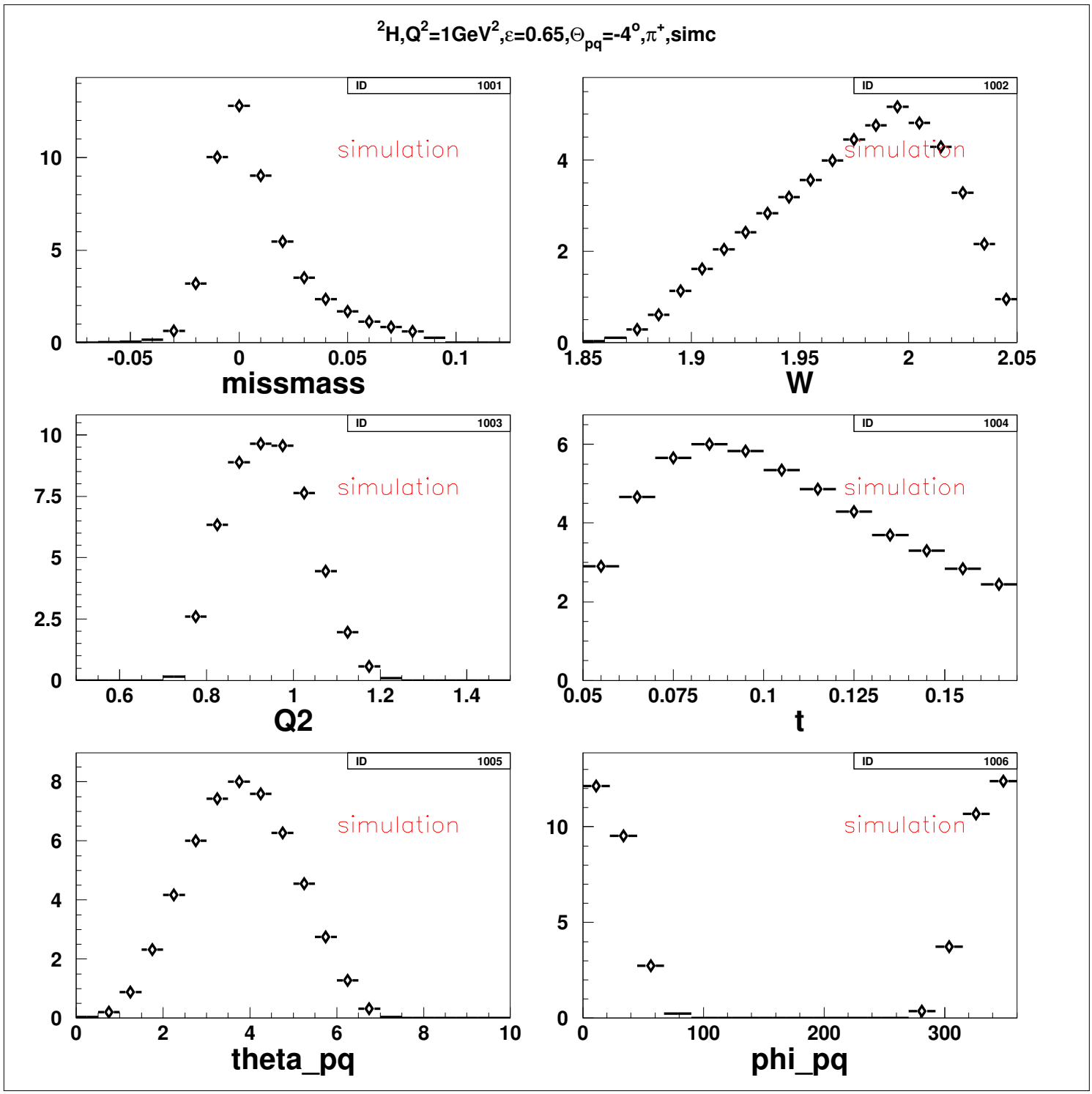




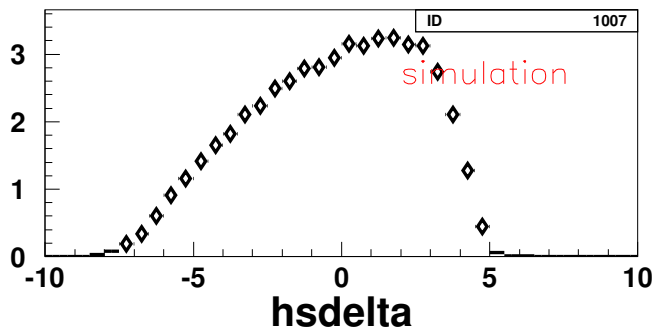


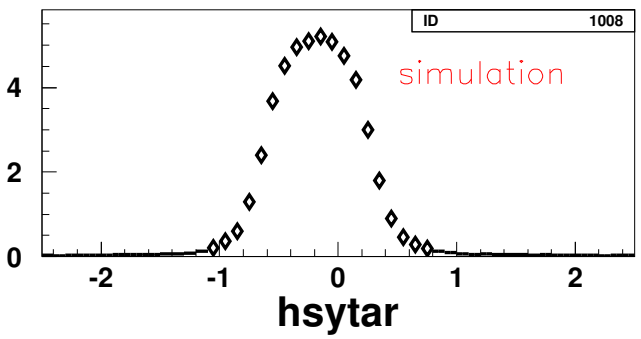


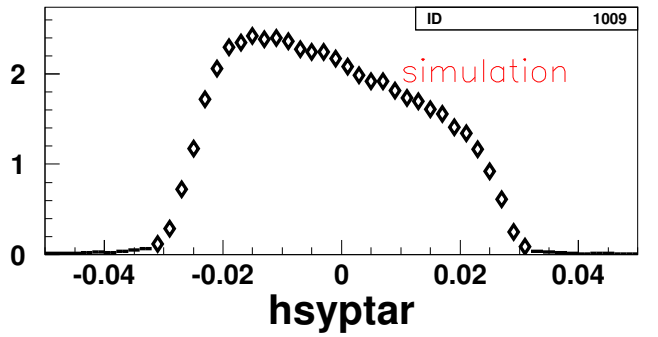


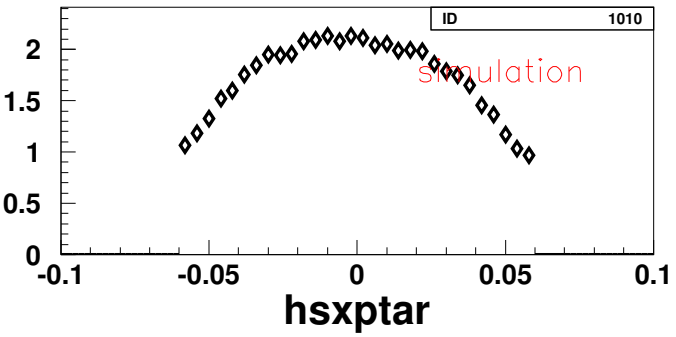

^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=-4°,π$^+$,simc
ID 1001
simulation
missmass
ID 1002
simulation
W
ID 1003
simulation
Q2
ID 1004
simulation
t
ID 1005
simulation
theta_pq
ID 1006
simulation
phi_pq

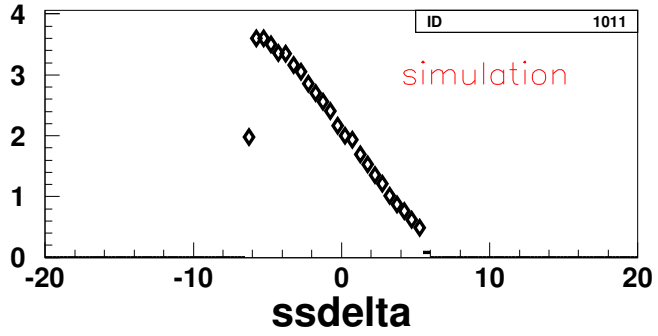
^{2}H,Q^2=1GeV^2,ε=0.65,Θ_{pq}=-4^o,π^+,simc

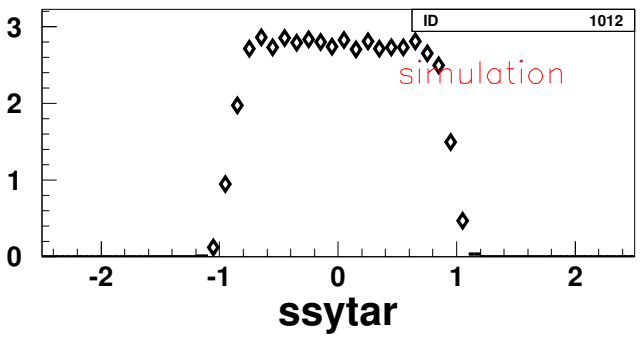


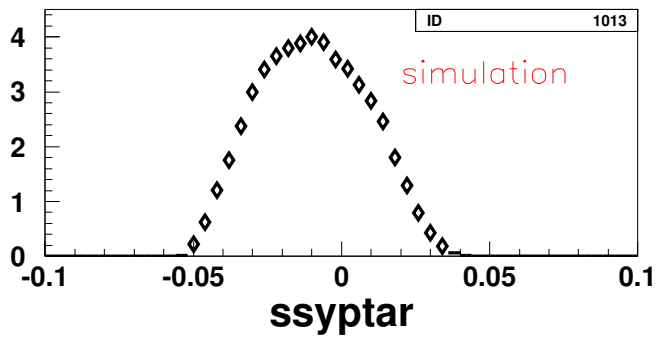


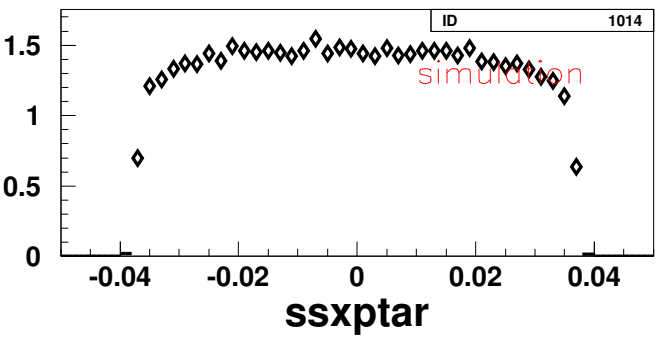


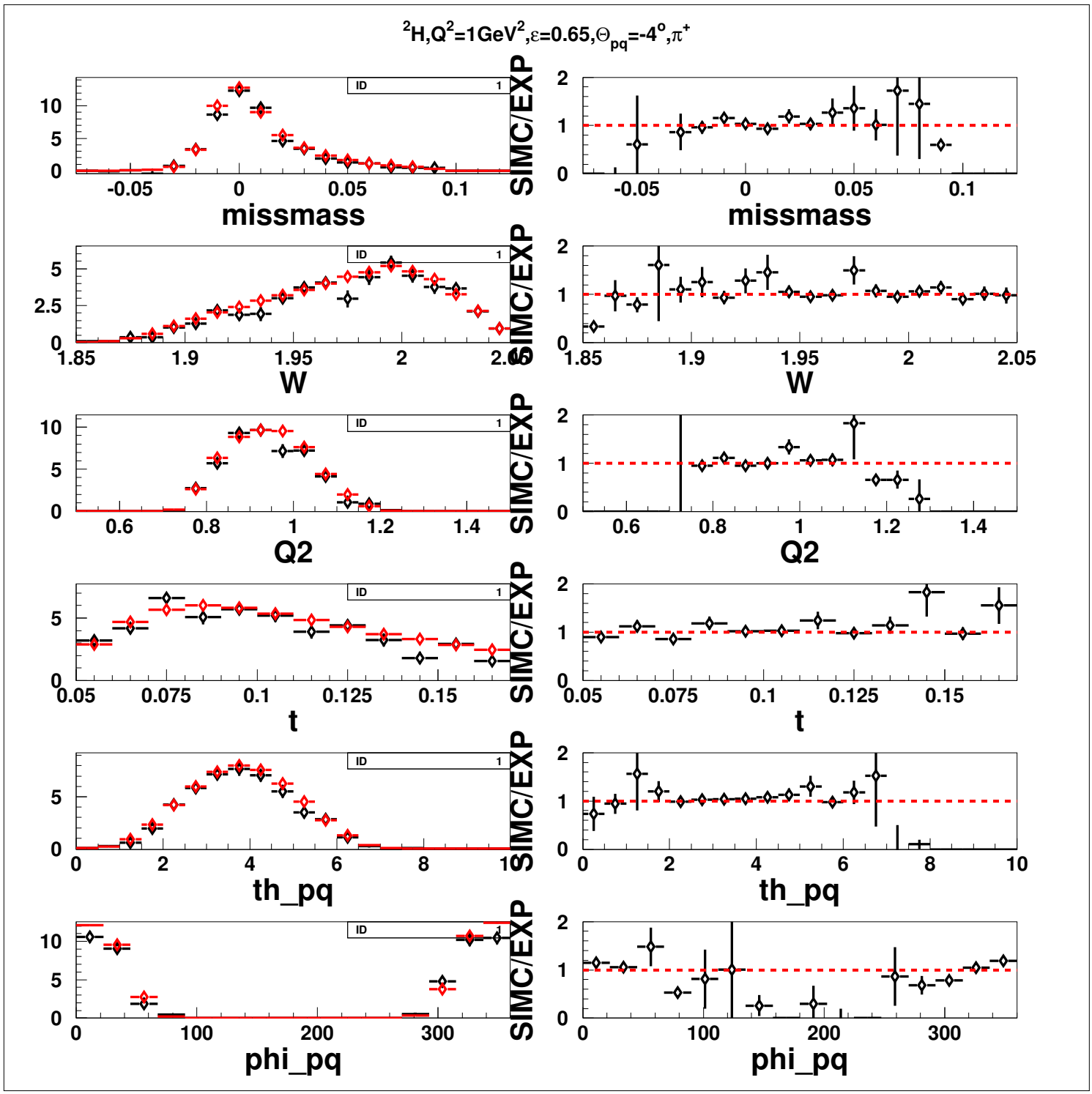


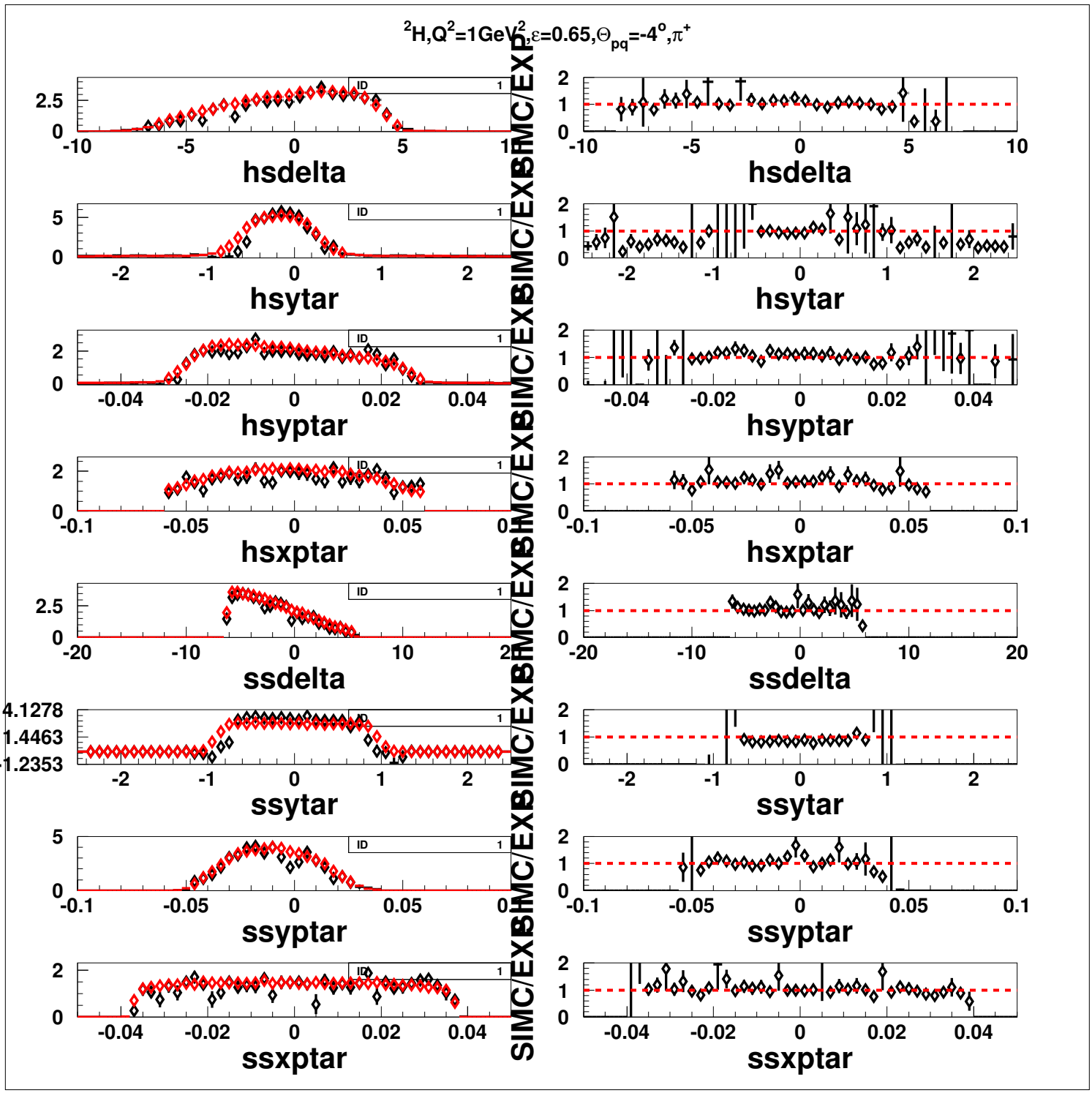









^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=-4°,π$^+$
ID
1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=-4°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID
1
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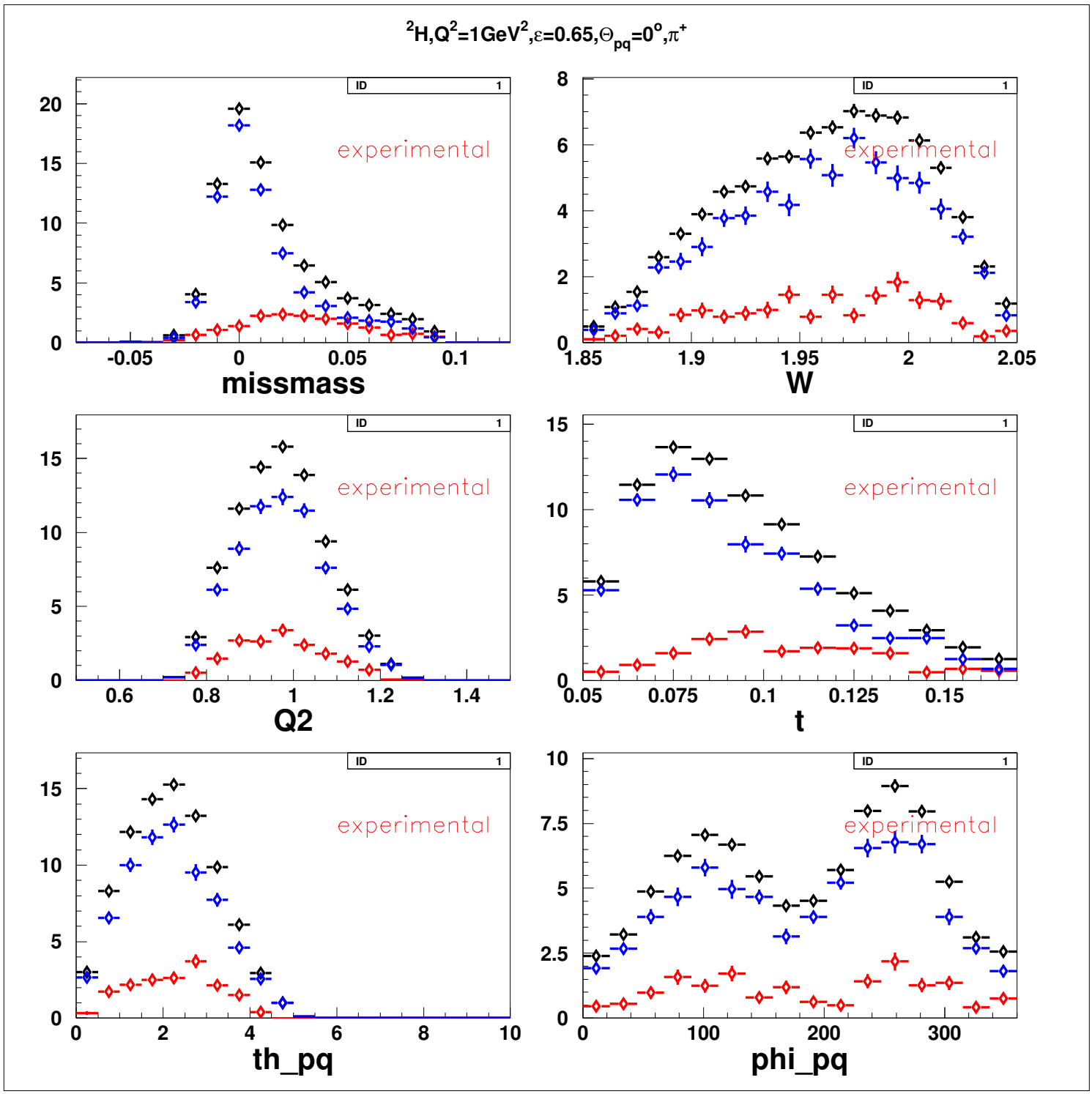
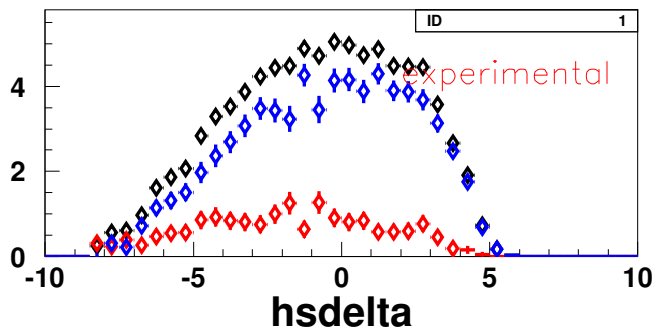
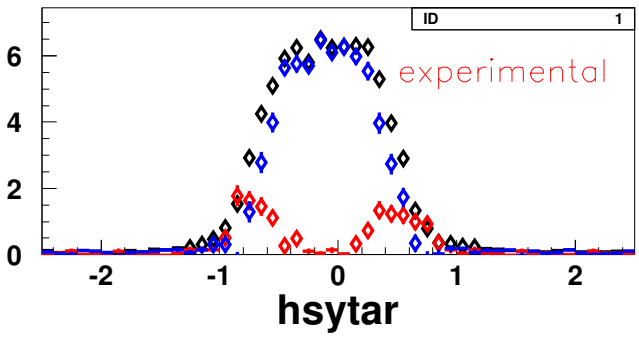
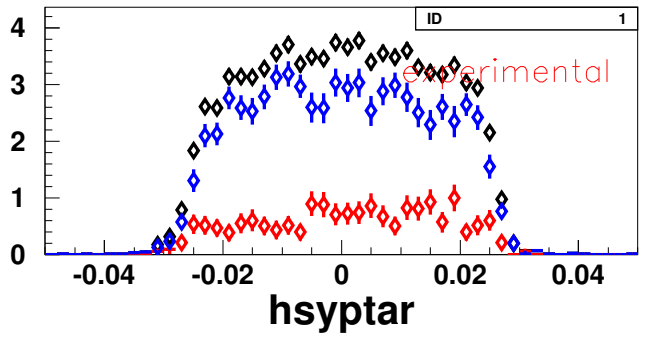
1.4463
-1.2353

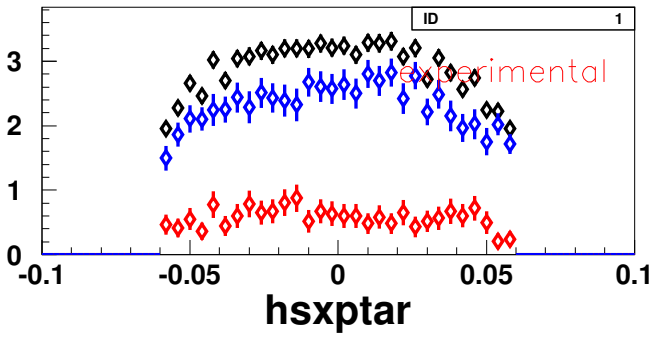

^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=0^o,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

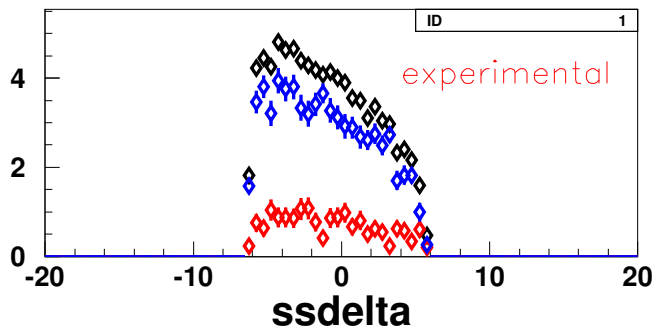
$^2H, Q^2=1 GeV^2, \varepsilon=0.65, \Theta_{pq}=0^o, \pi^+$

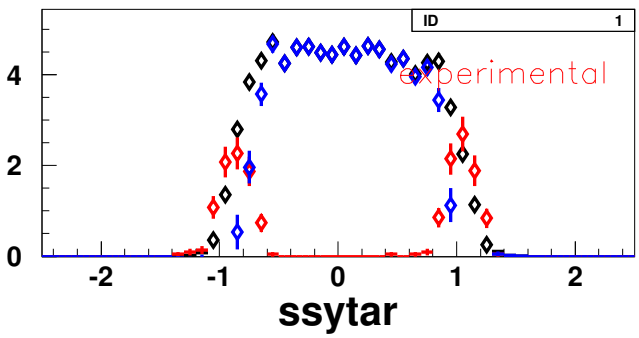


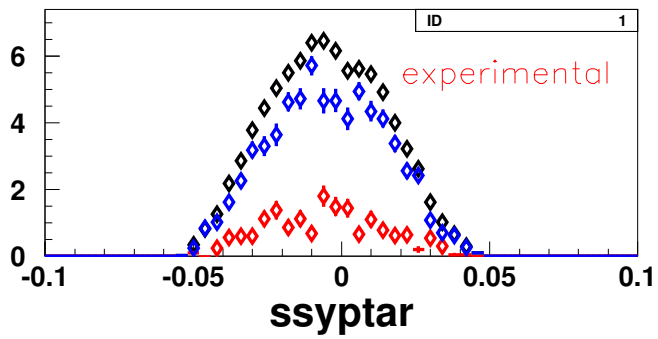


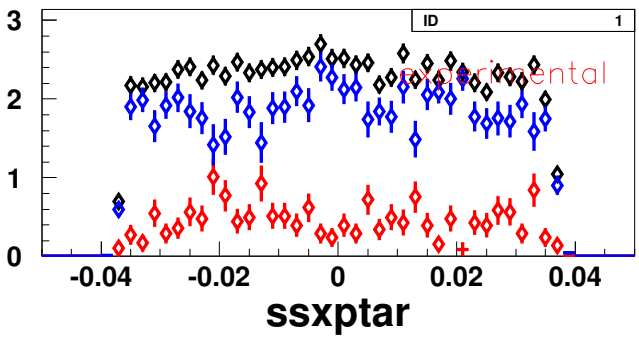




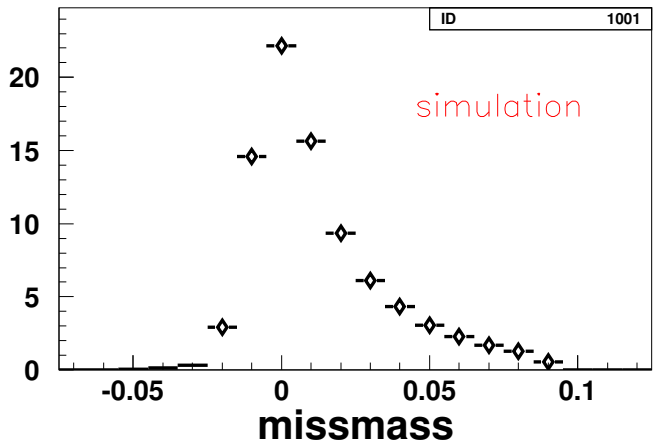


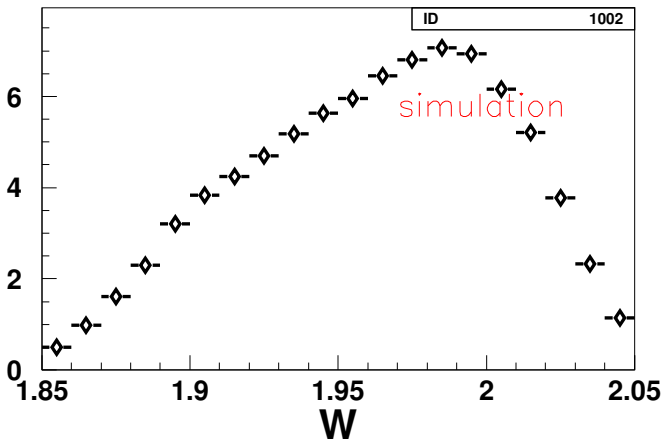


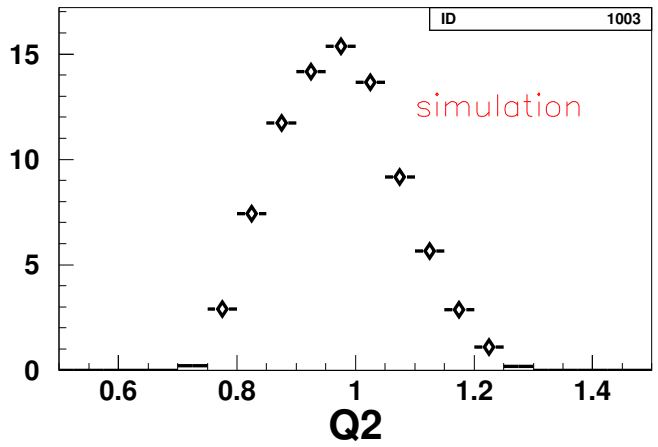


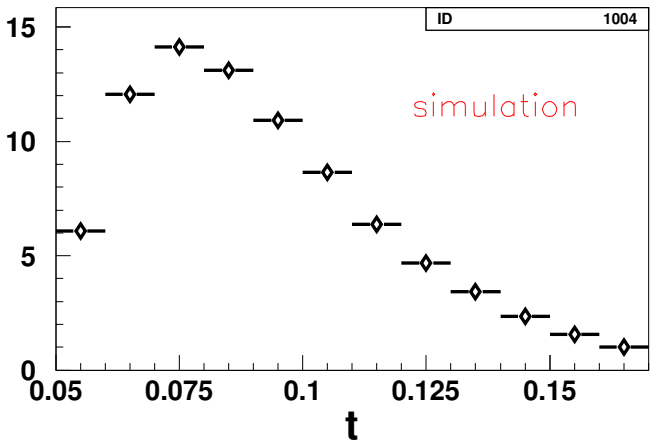


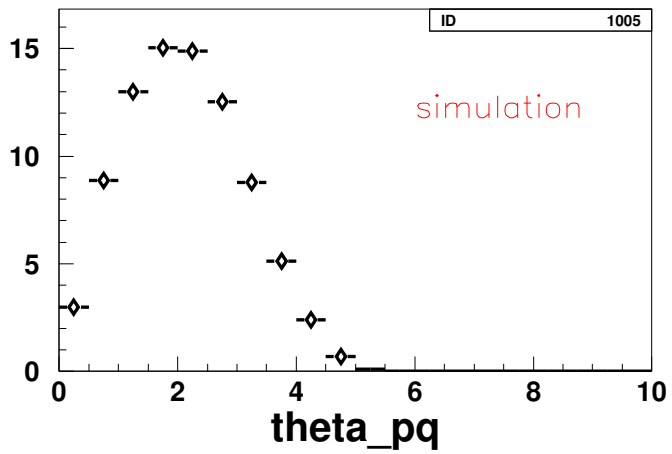
$^2H, Q^2=1 GeV^2, \varepsilon=0.65, \Theta_{pq}=0^o, \pi^+, simc$

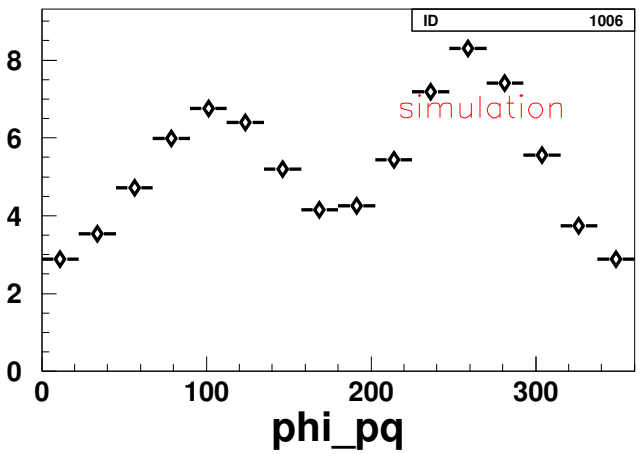




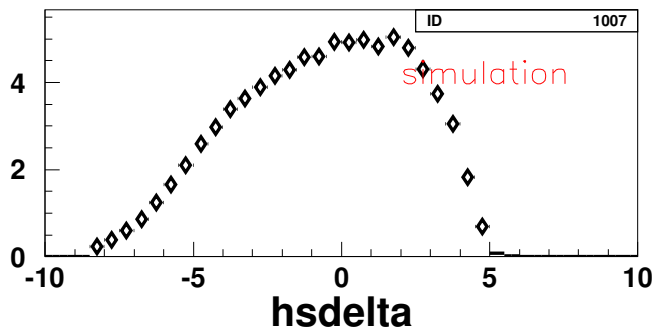


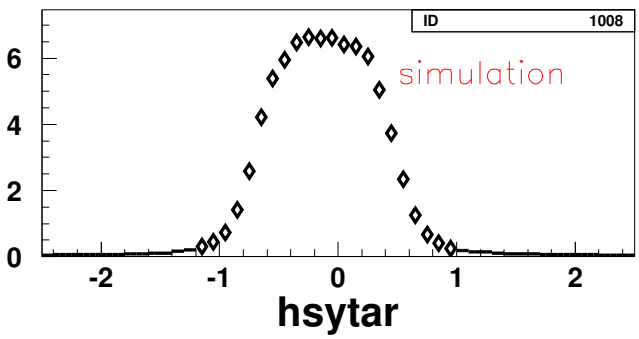


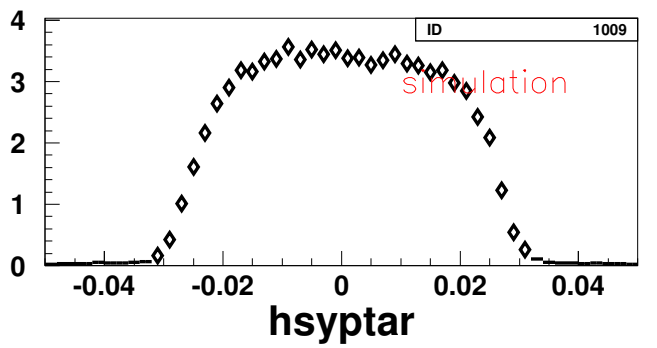


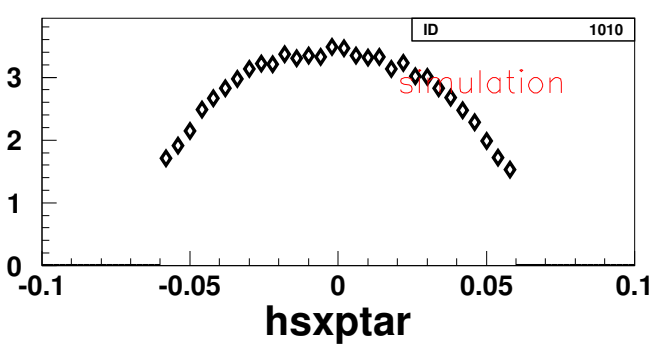


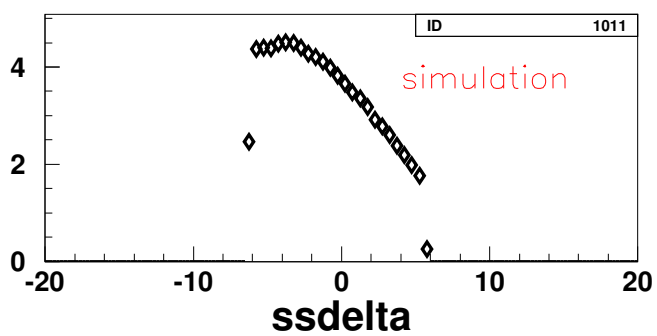
^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=0°,π$^+$,simc

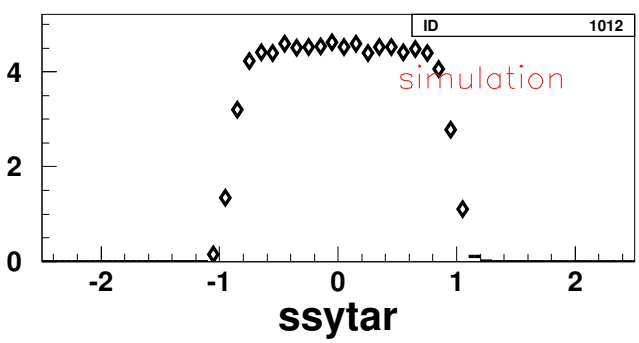


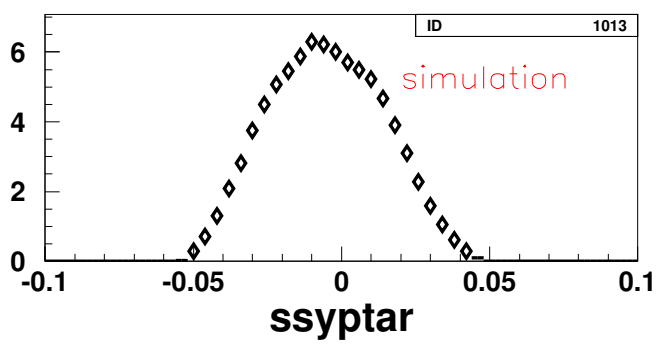


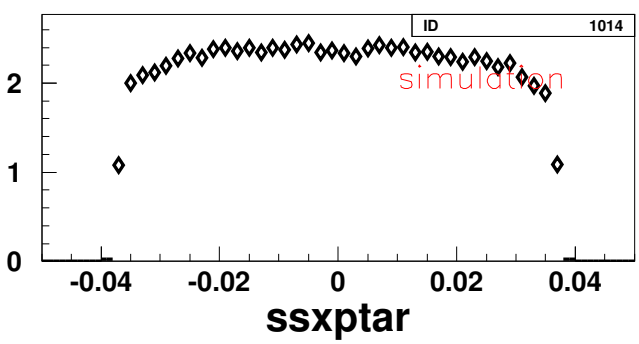


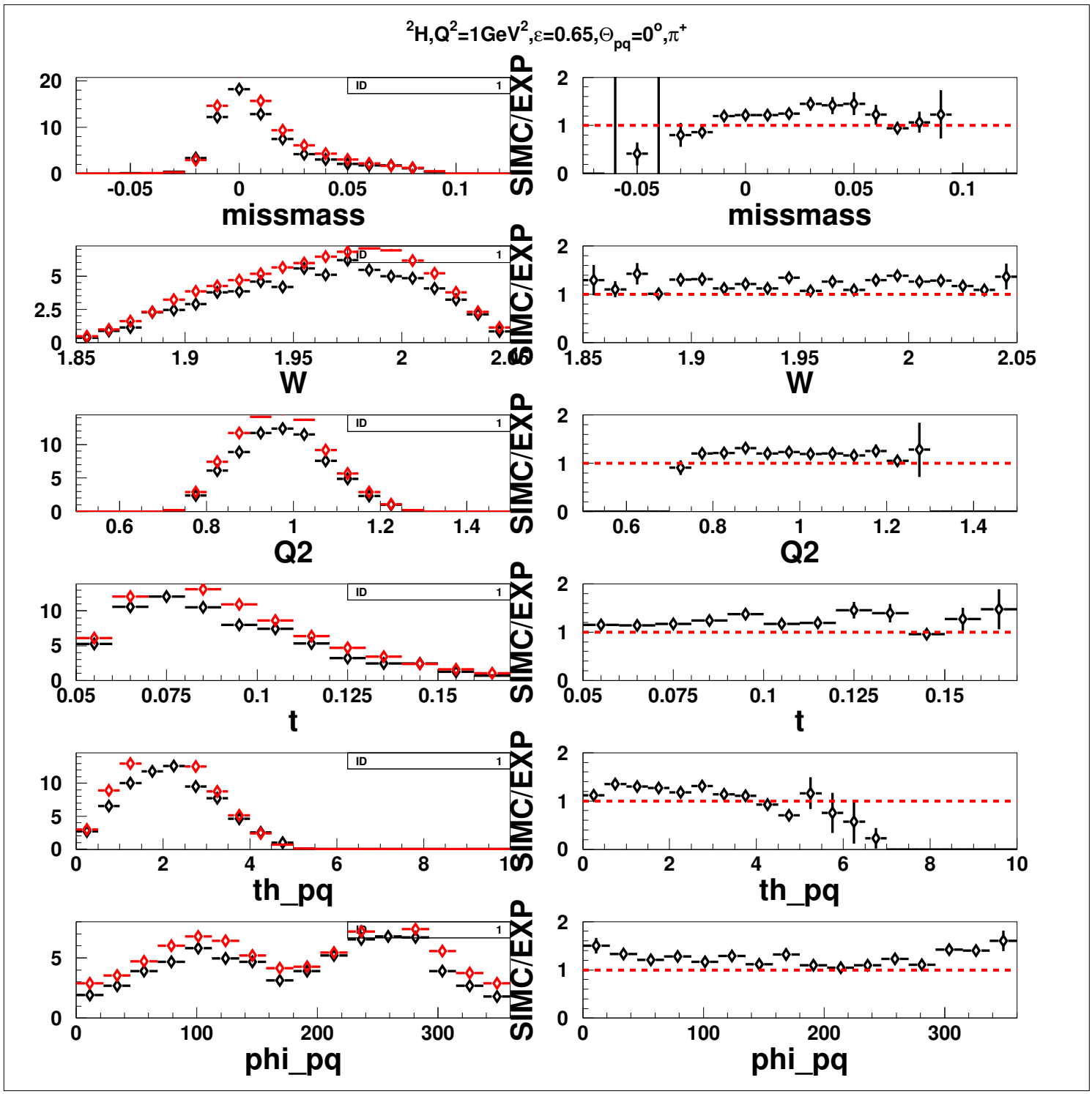


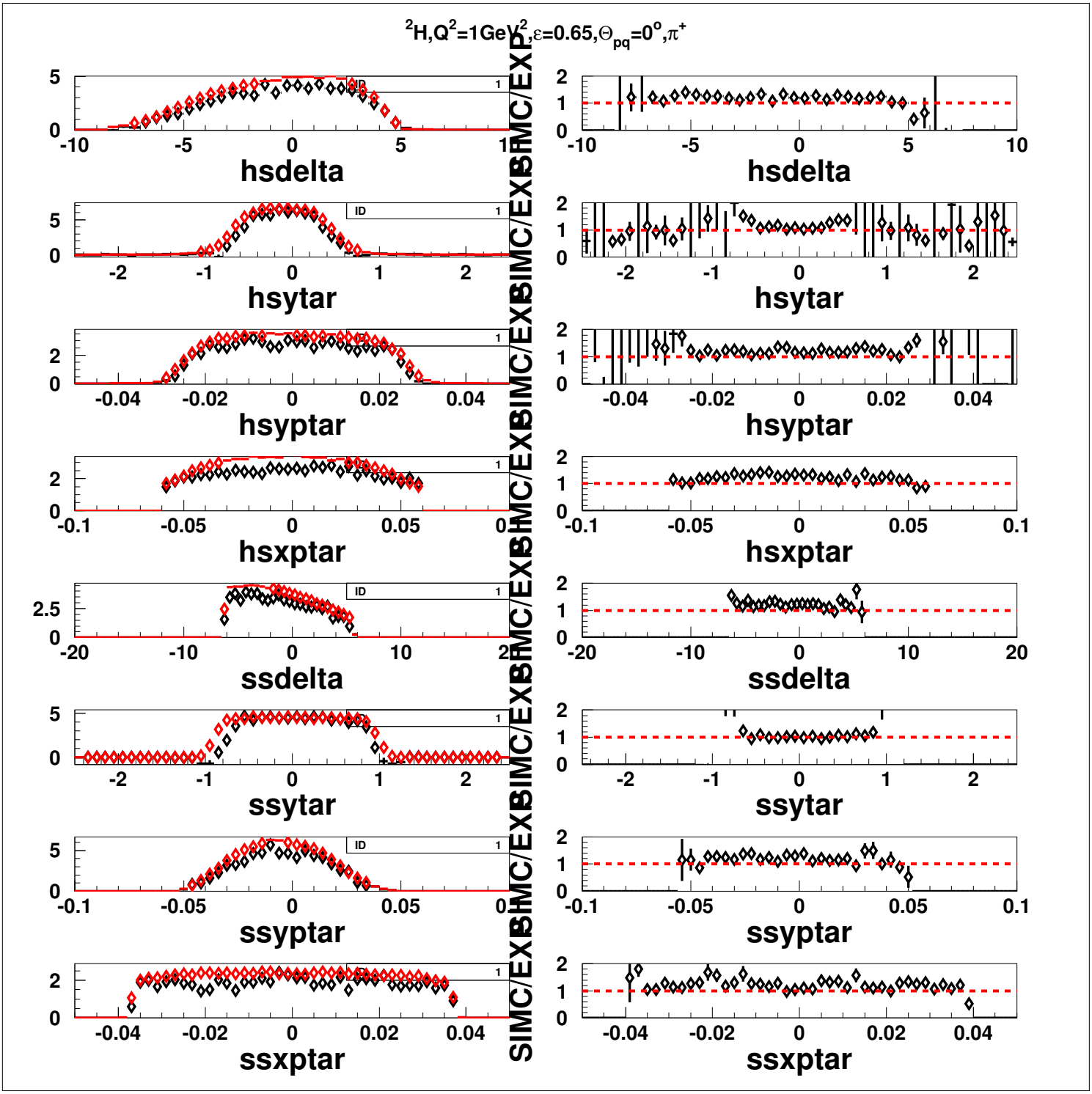









^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=0^o,π$^+$
ID
1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=0^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
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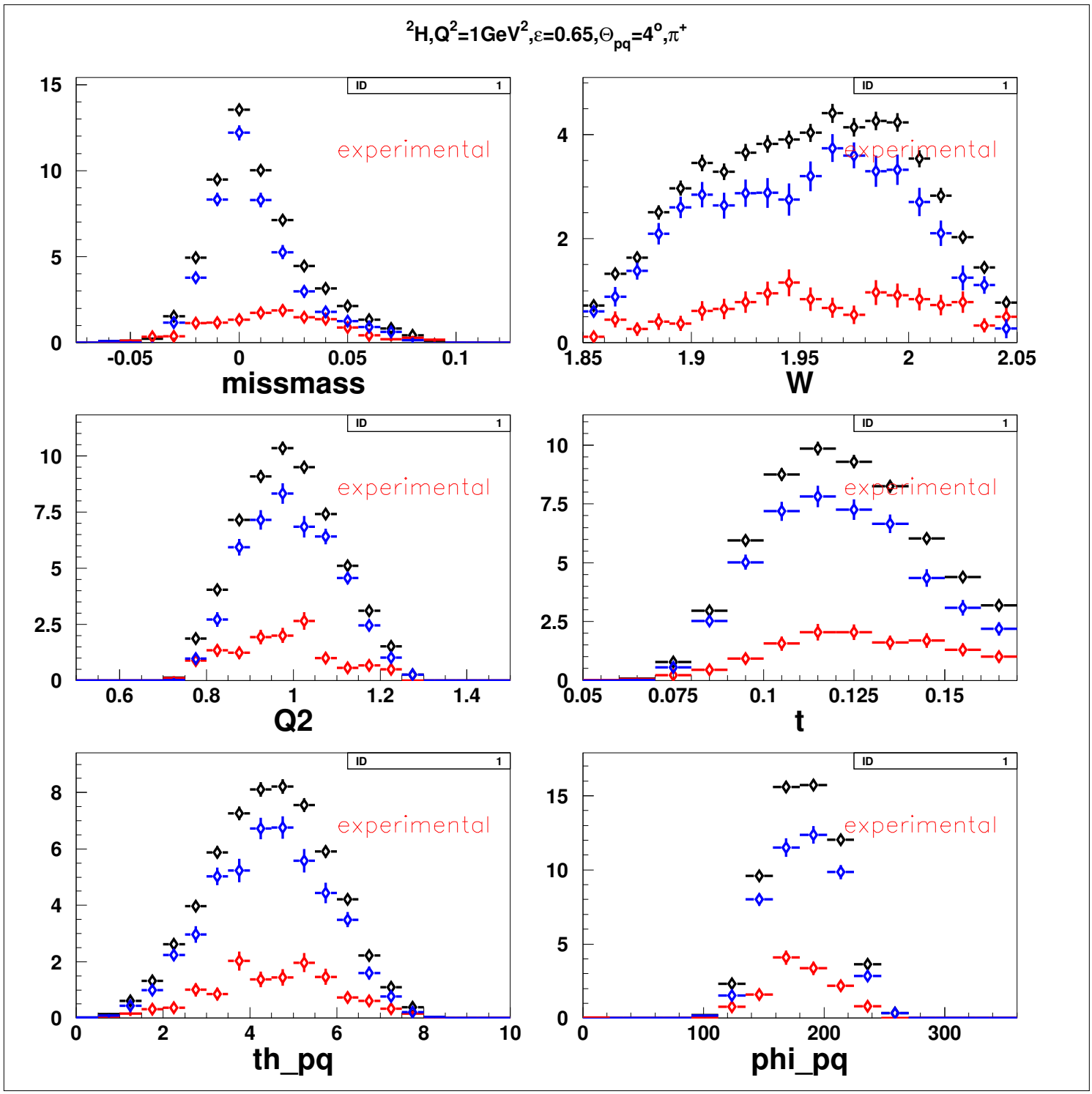
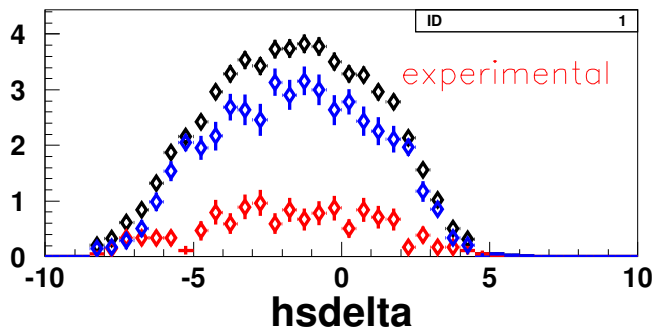
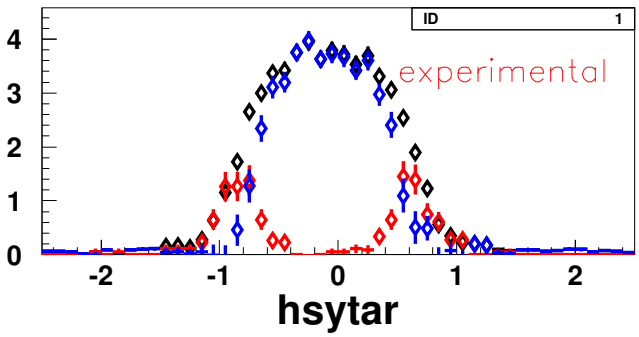
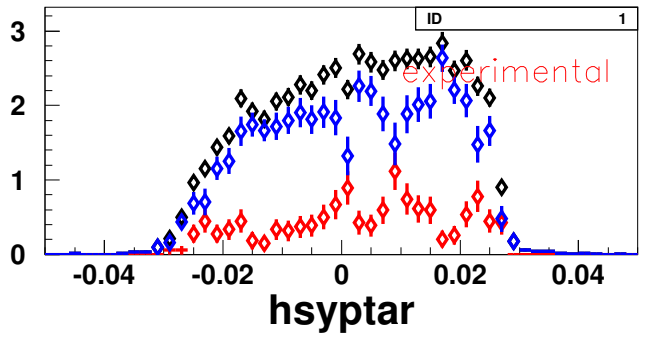
ssyptar
ssxptar
ID

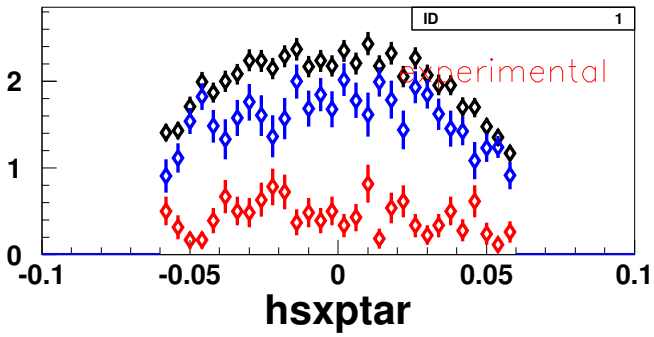

^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=4^o,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

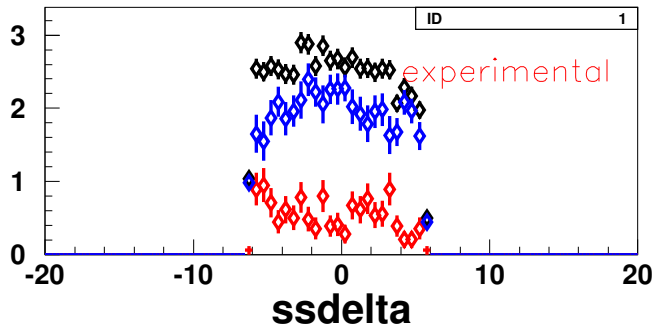
$^2H, Q^2=1 GeV^2, \varepsilon=0.65, \Theta_{pq}=4^o, \pi^+$

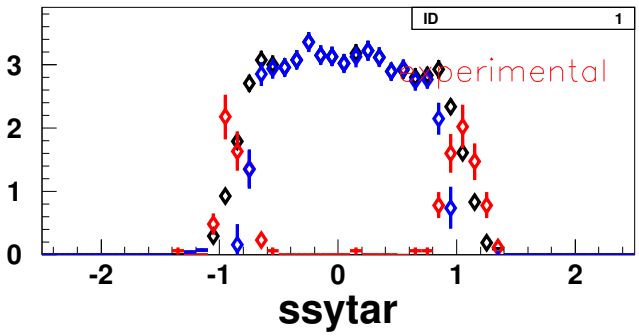


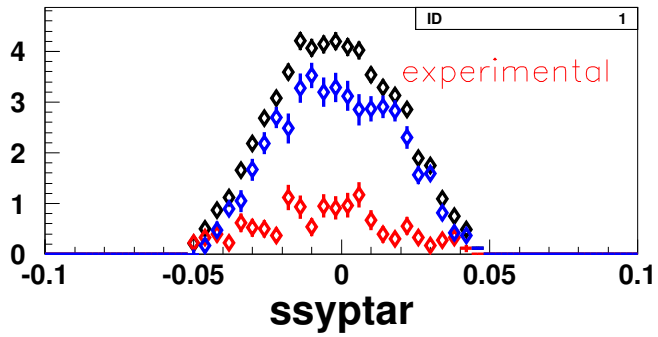


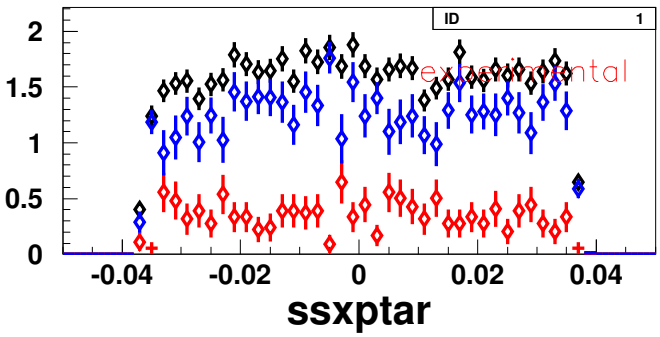




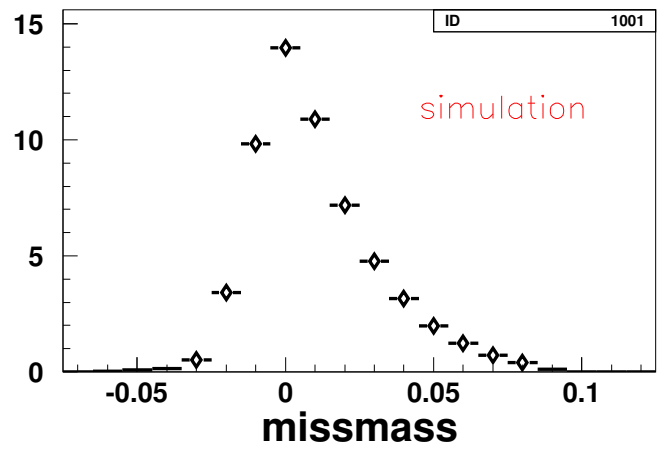


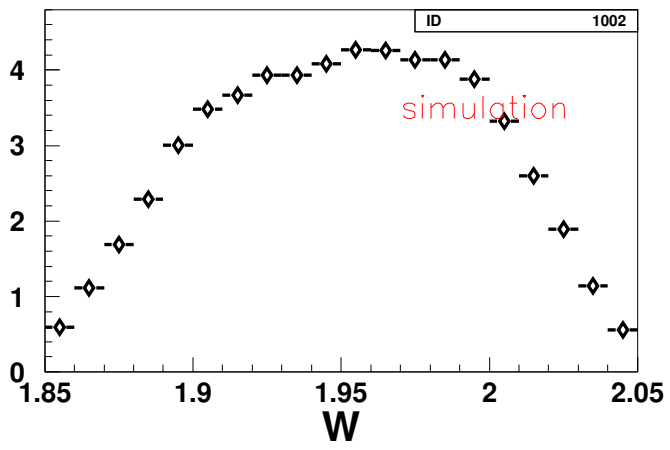


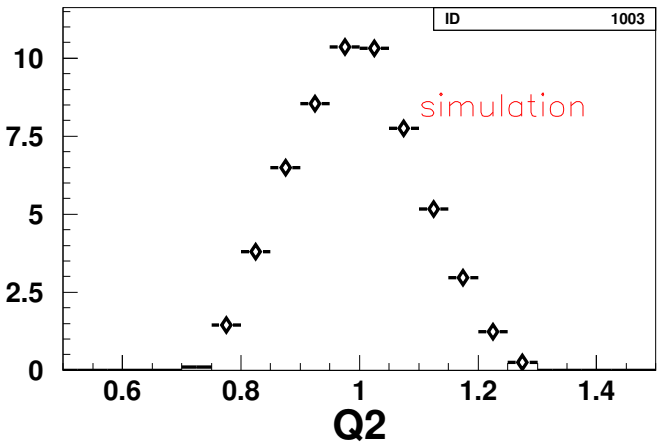


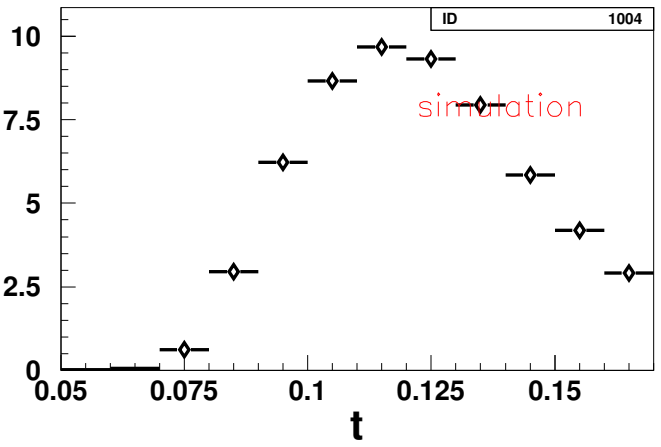


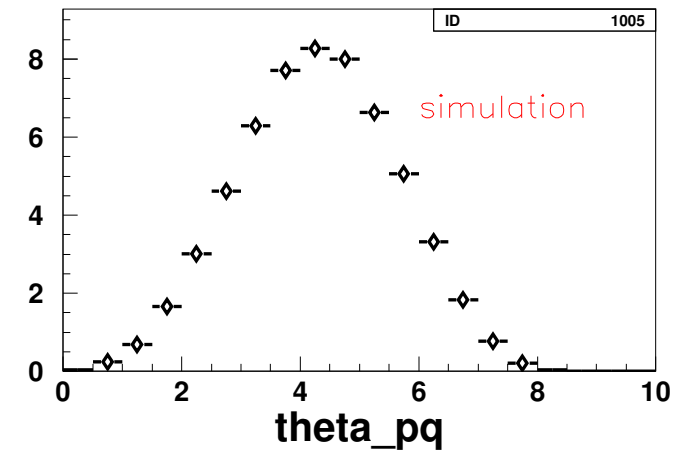
^{2}H,Q^2=1GeV^2,ε=0.65,Θ_{pq}=4^o,π^+,simc

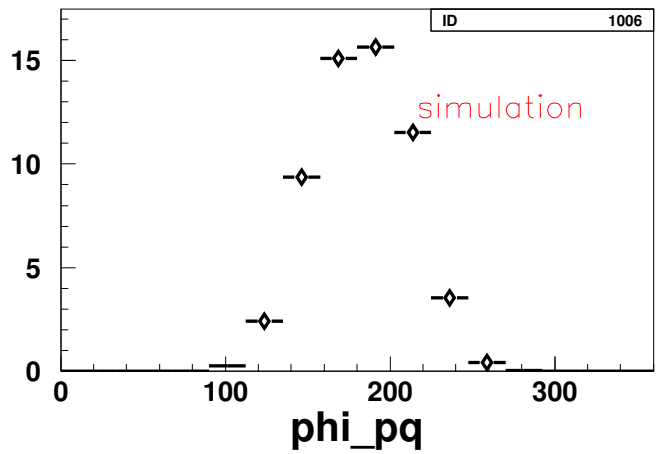




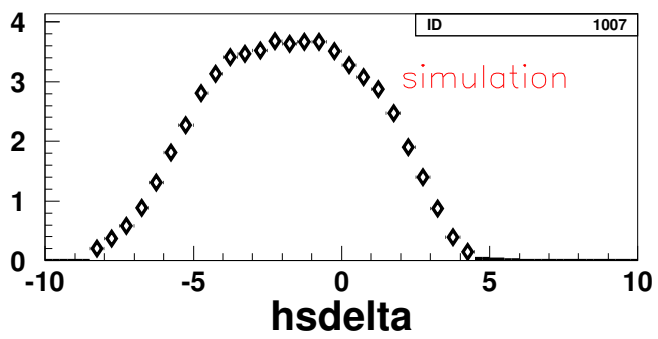


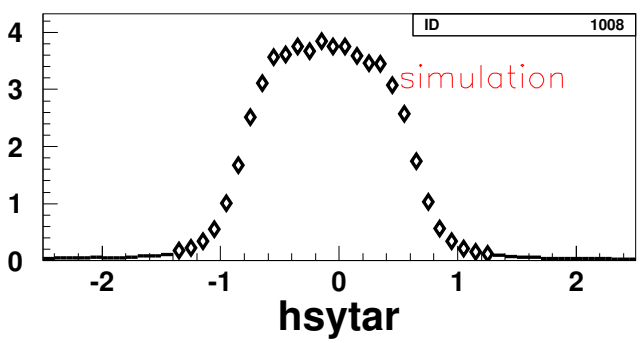


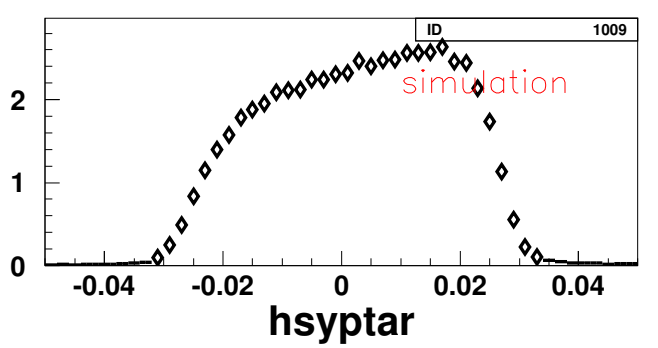


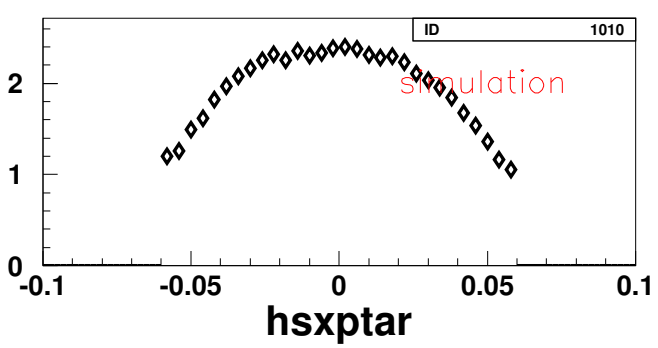


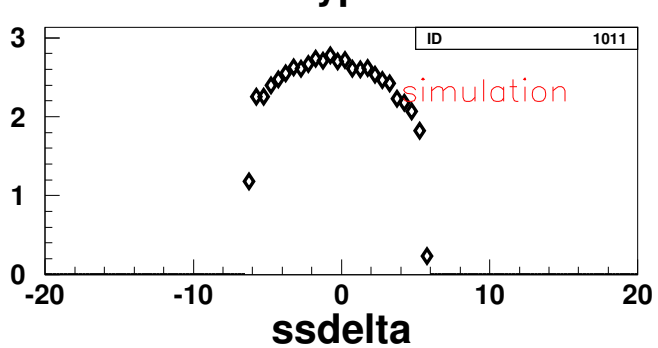
^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=4°,π$^+$,simc

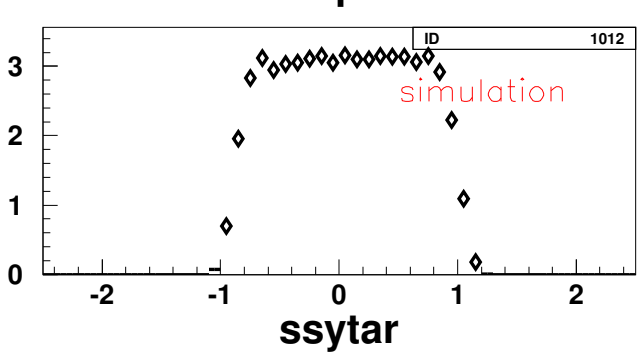


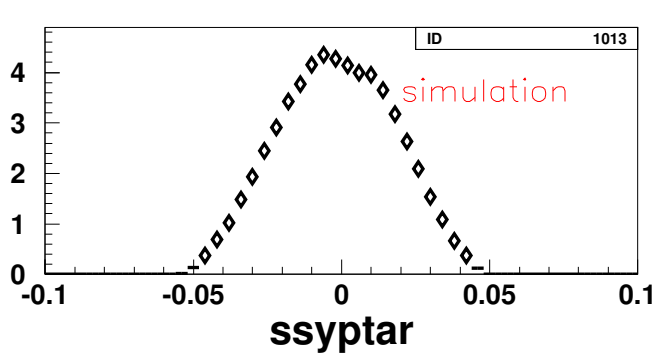


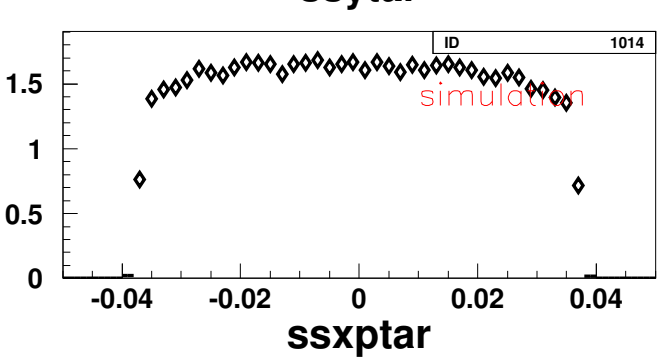


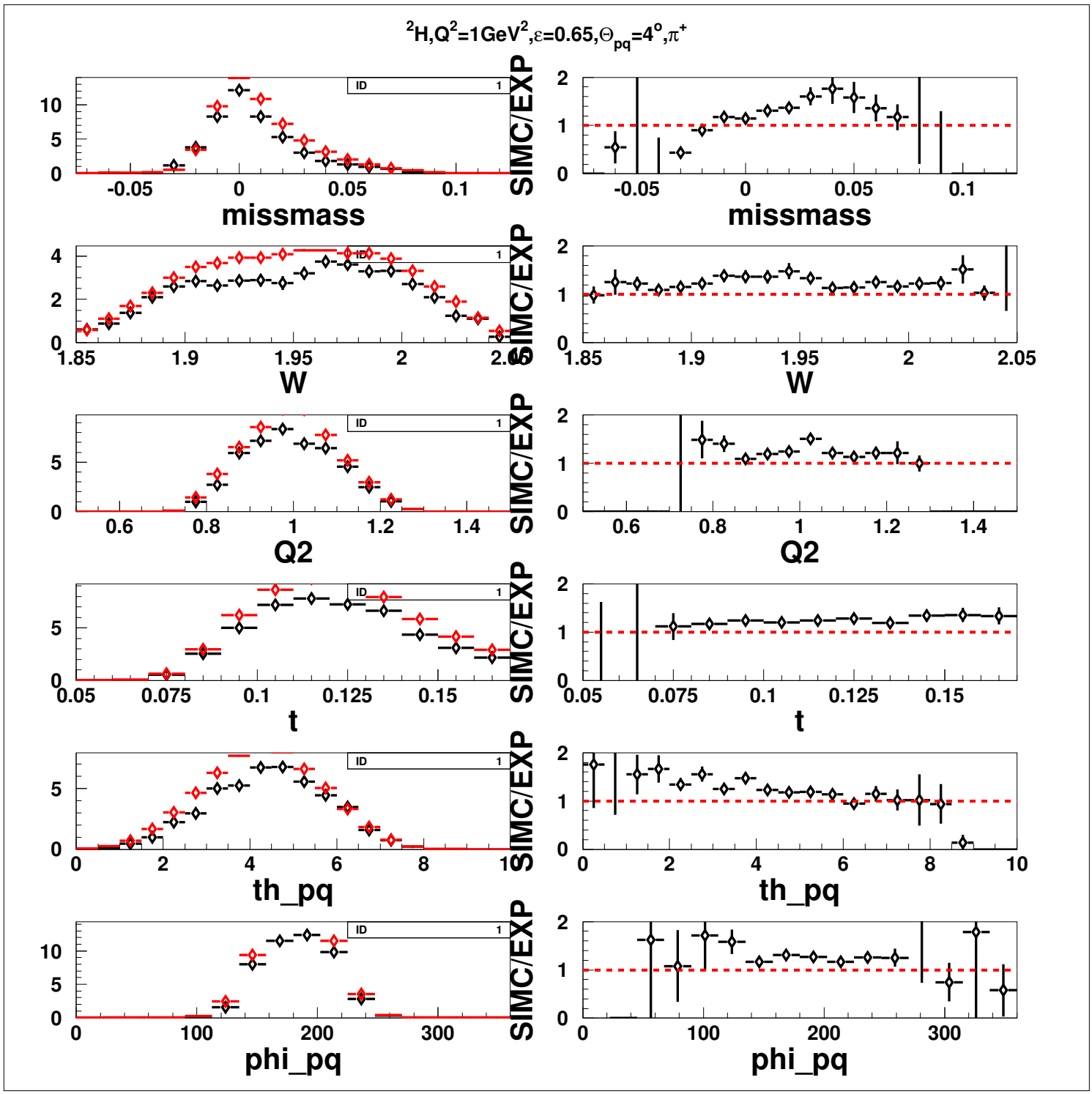


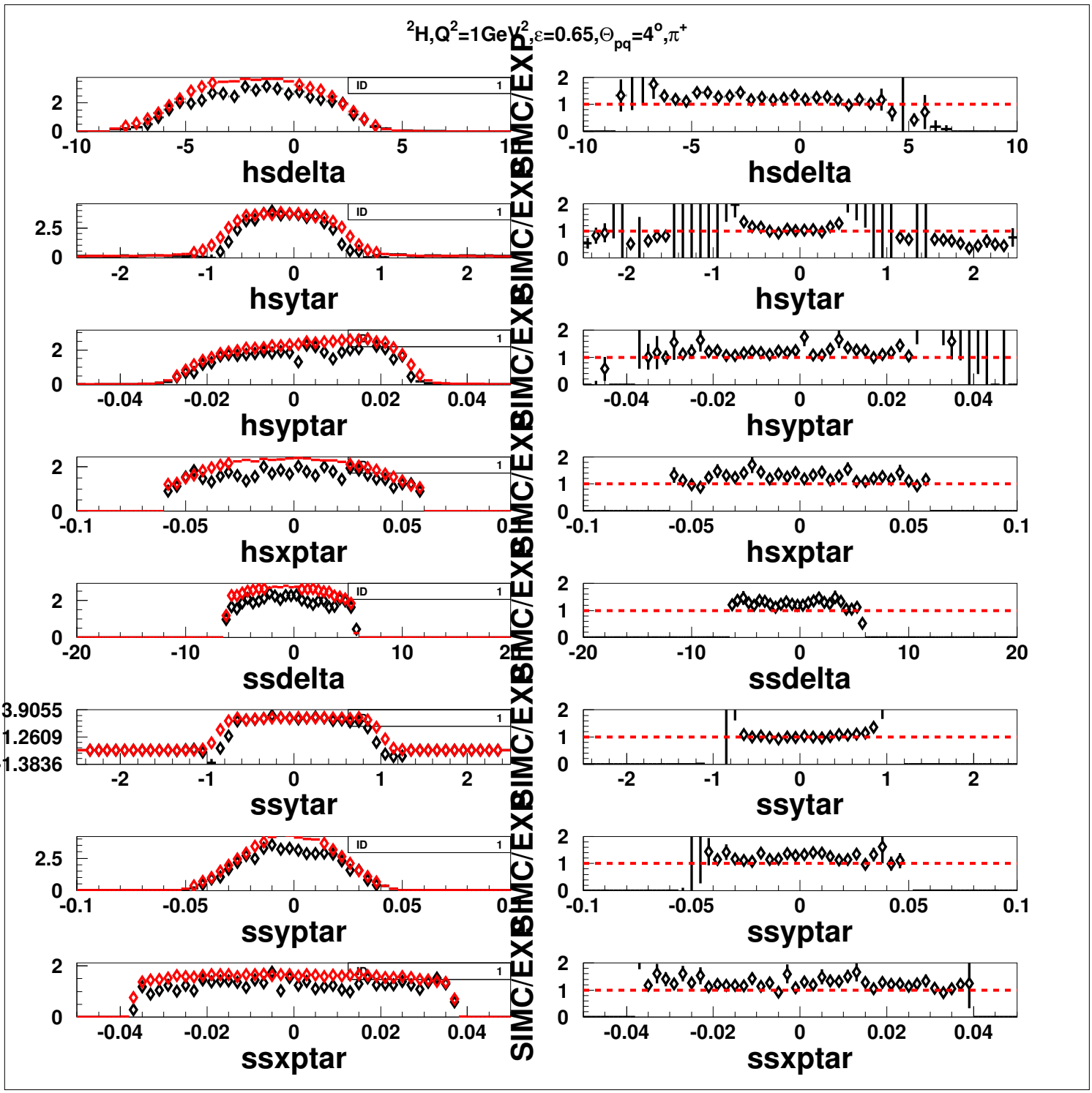









^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=4^o,π$^+$
ID
1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1GeV^2,ε=0.65,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID
1
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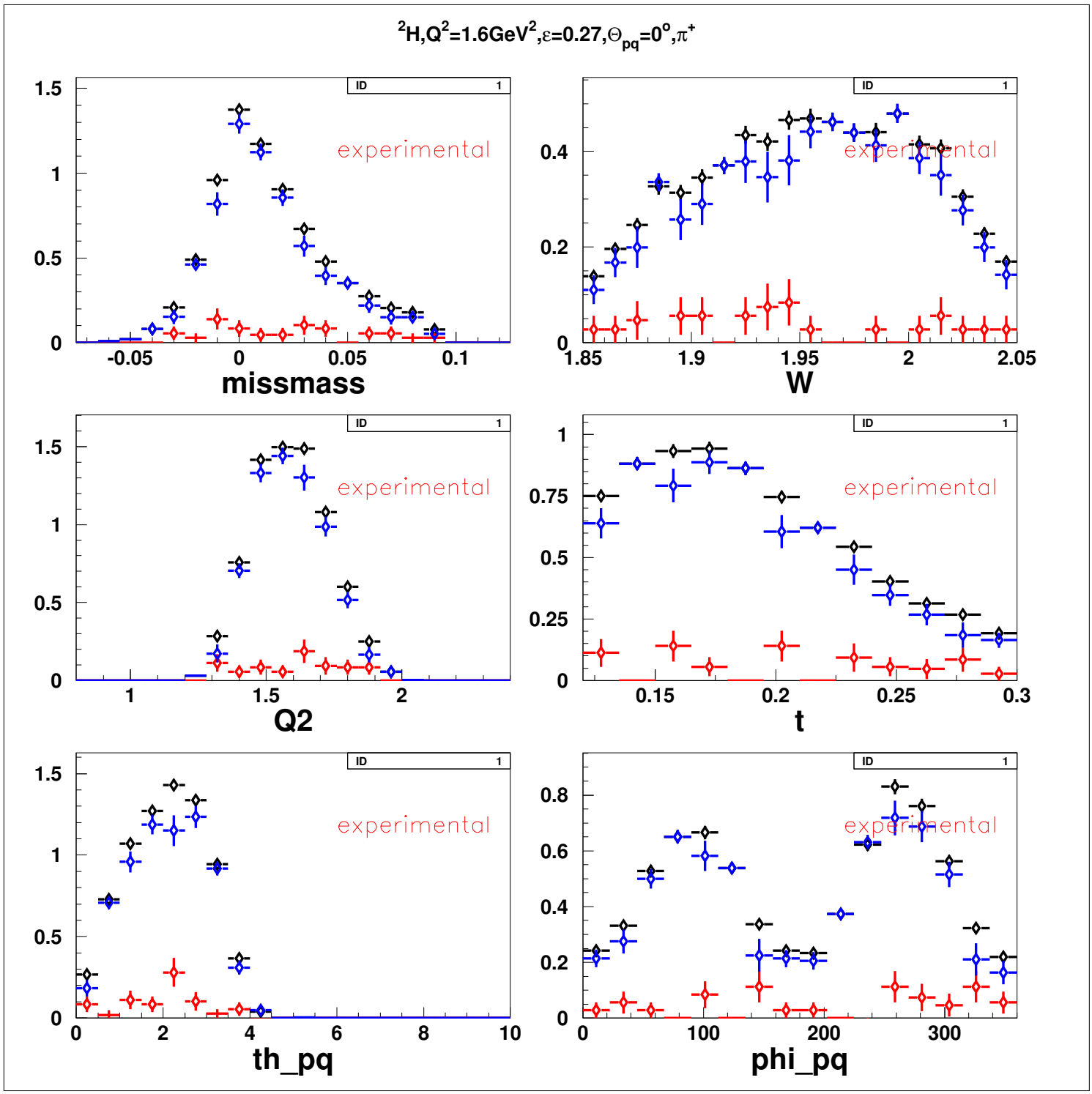
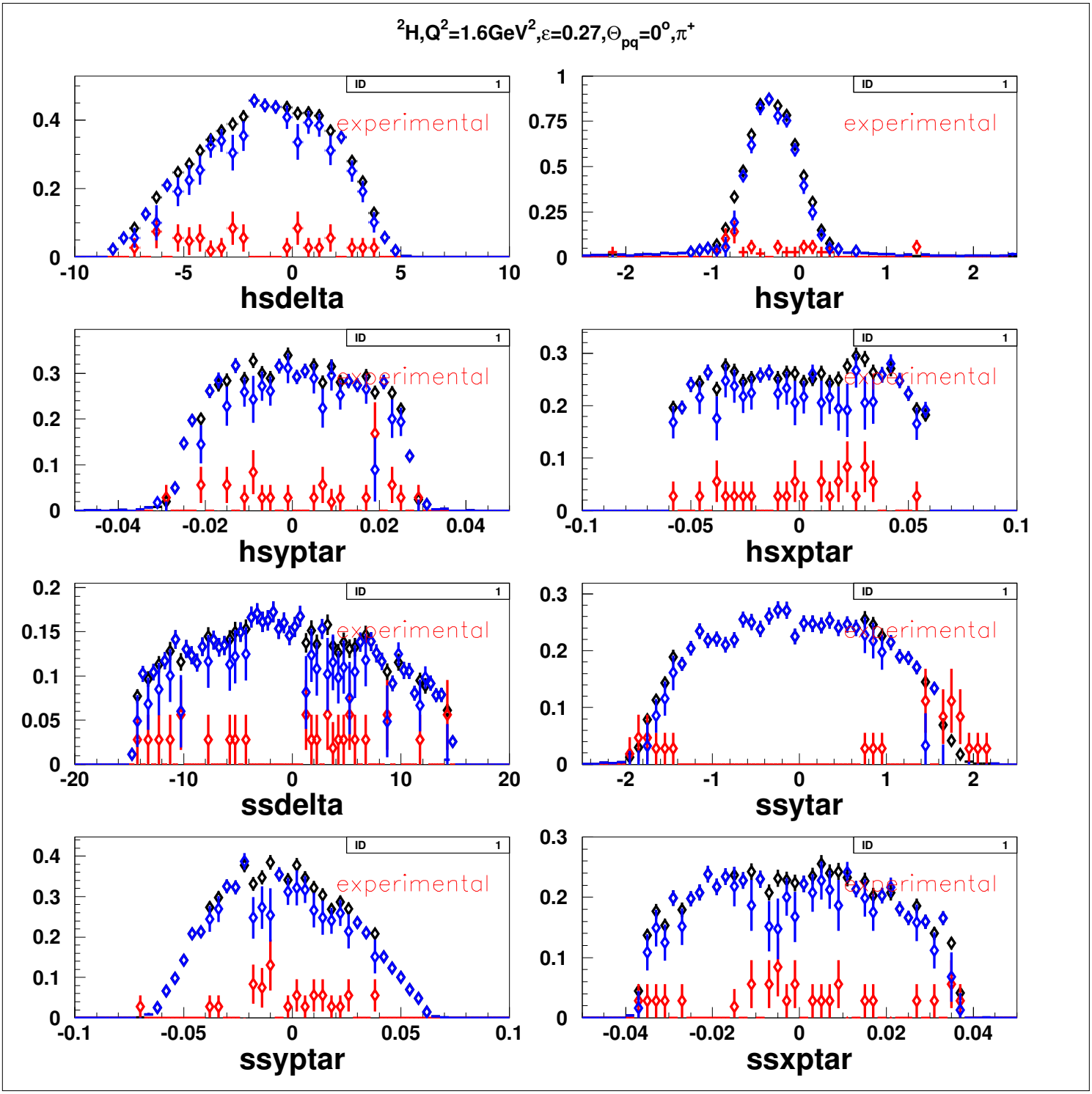
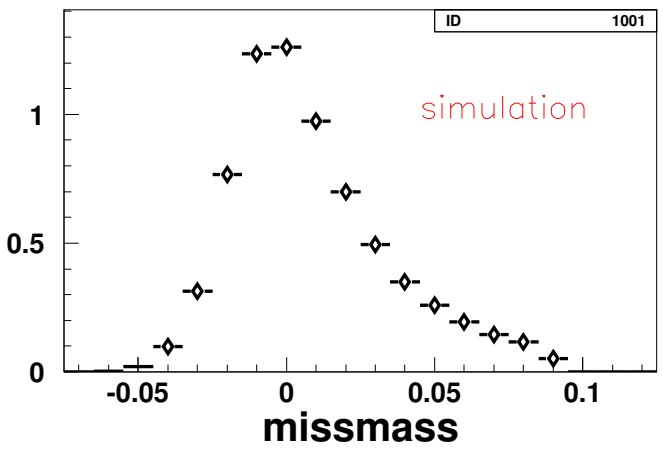
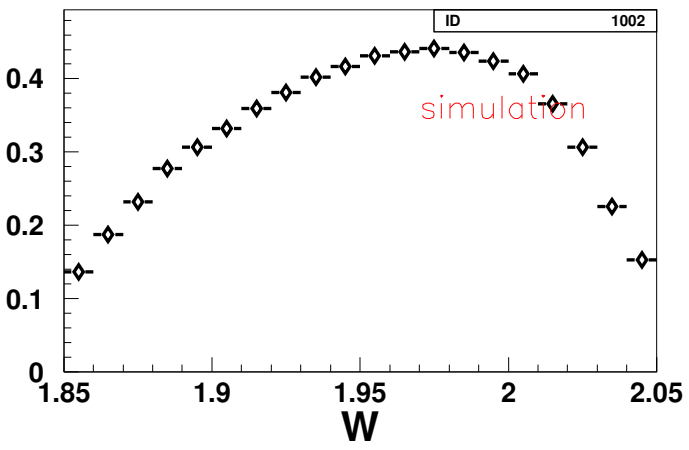
1.2609
-1.3836

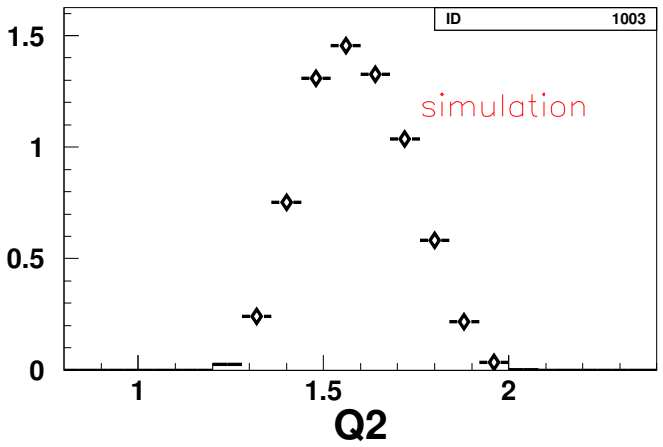

^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=0°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

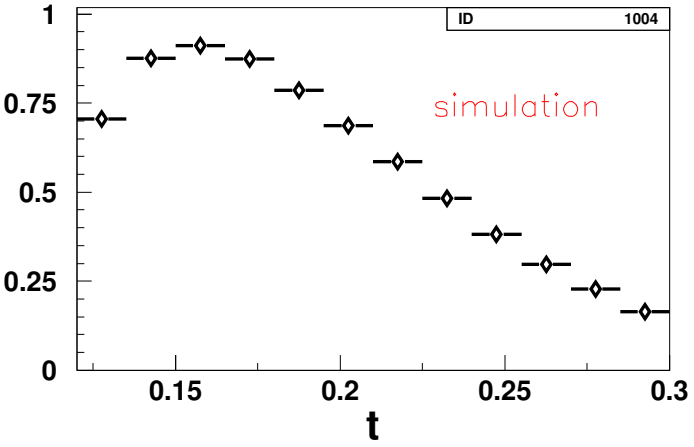

^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=0°,π$^+$
ID 1
experimental
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

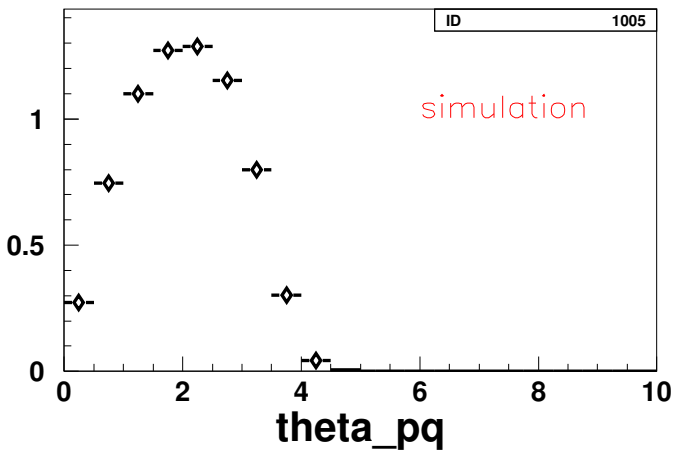
^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ_{pq}=0^o,π^+,simc

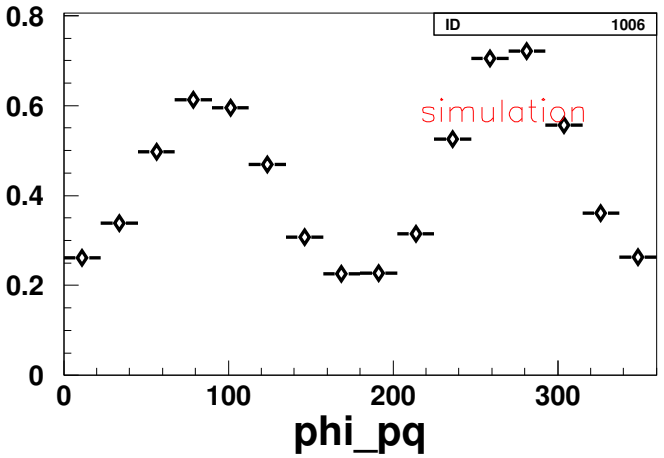




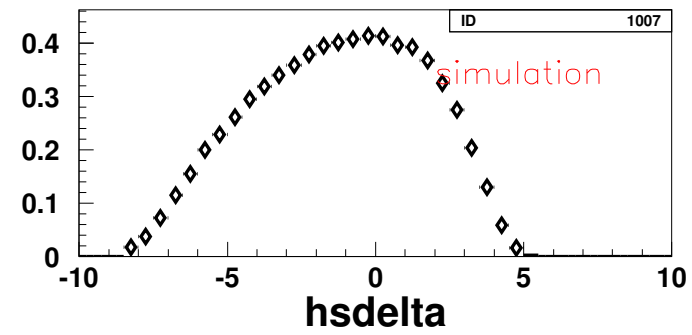


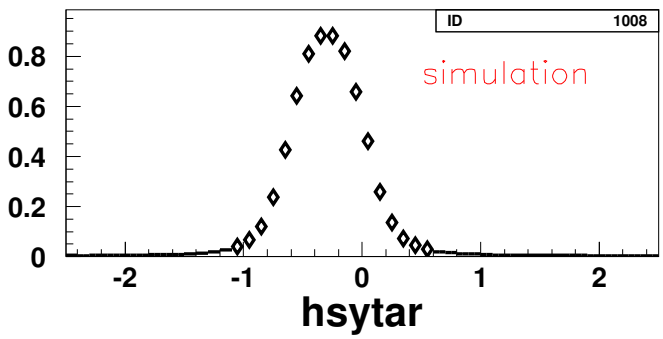


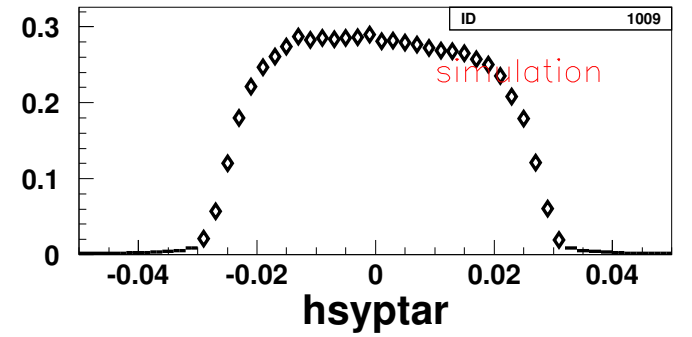


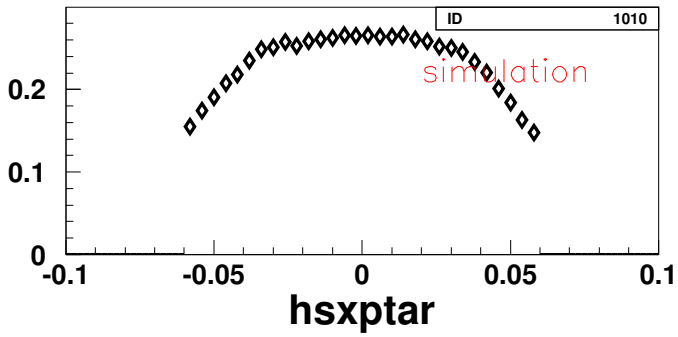


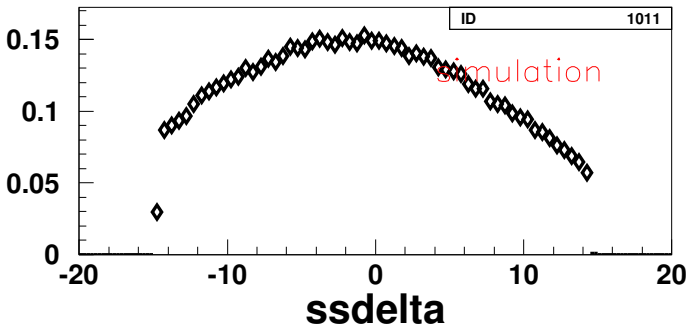
^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ_{pq}=0^o,π^+,simc

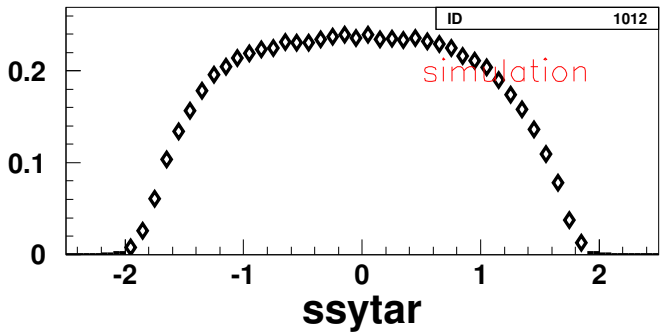


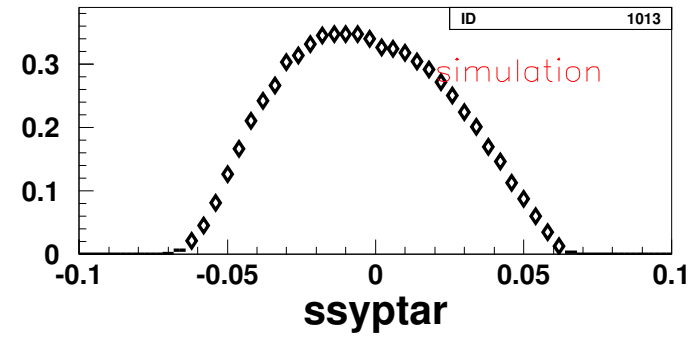


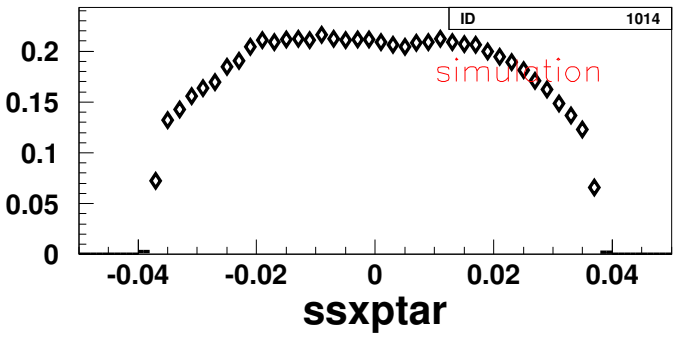


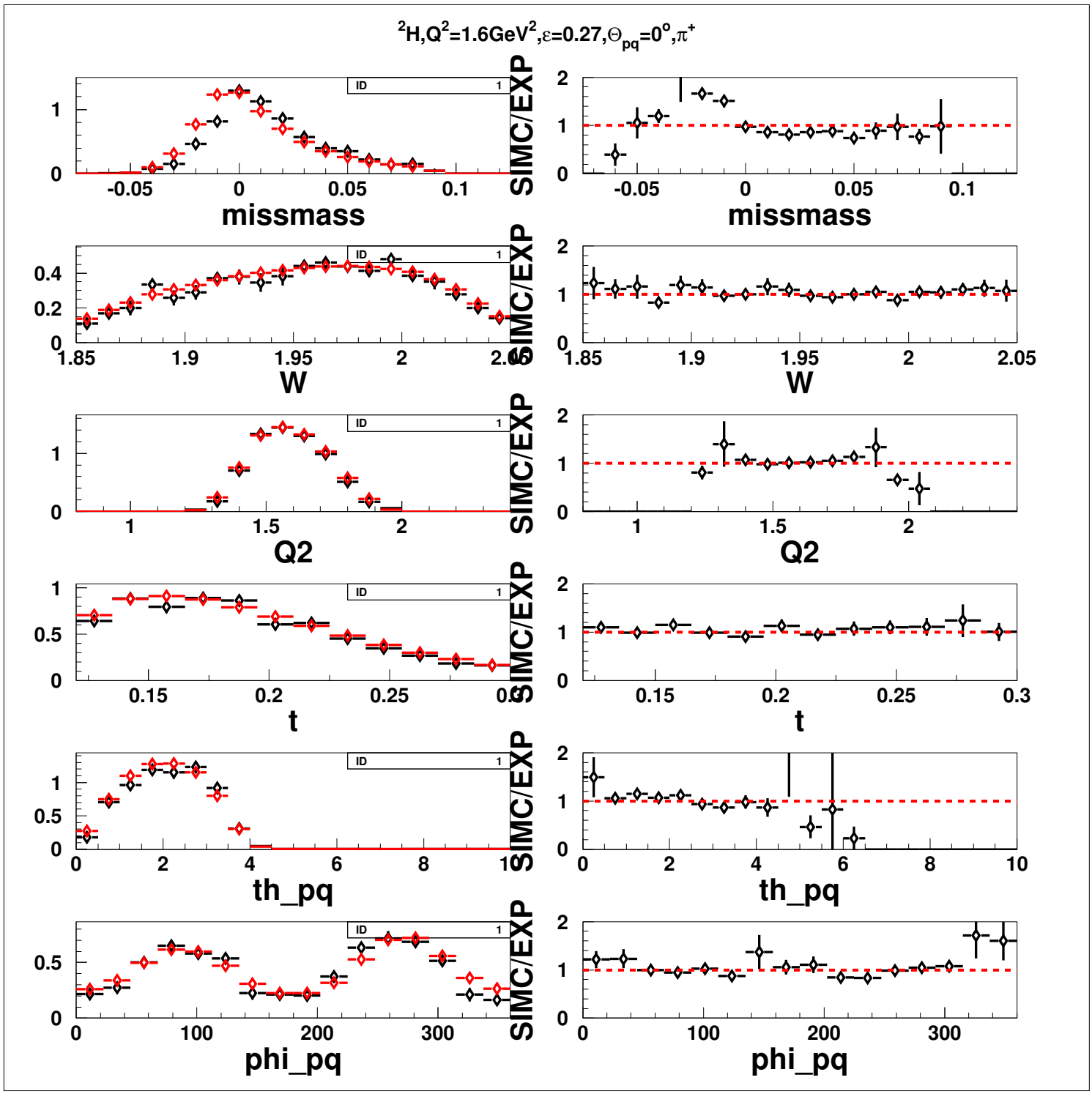


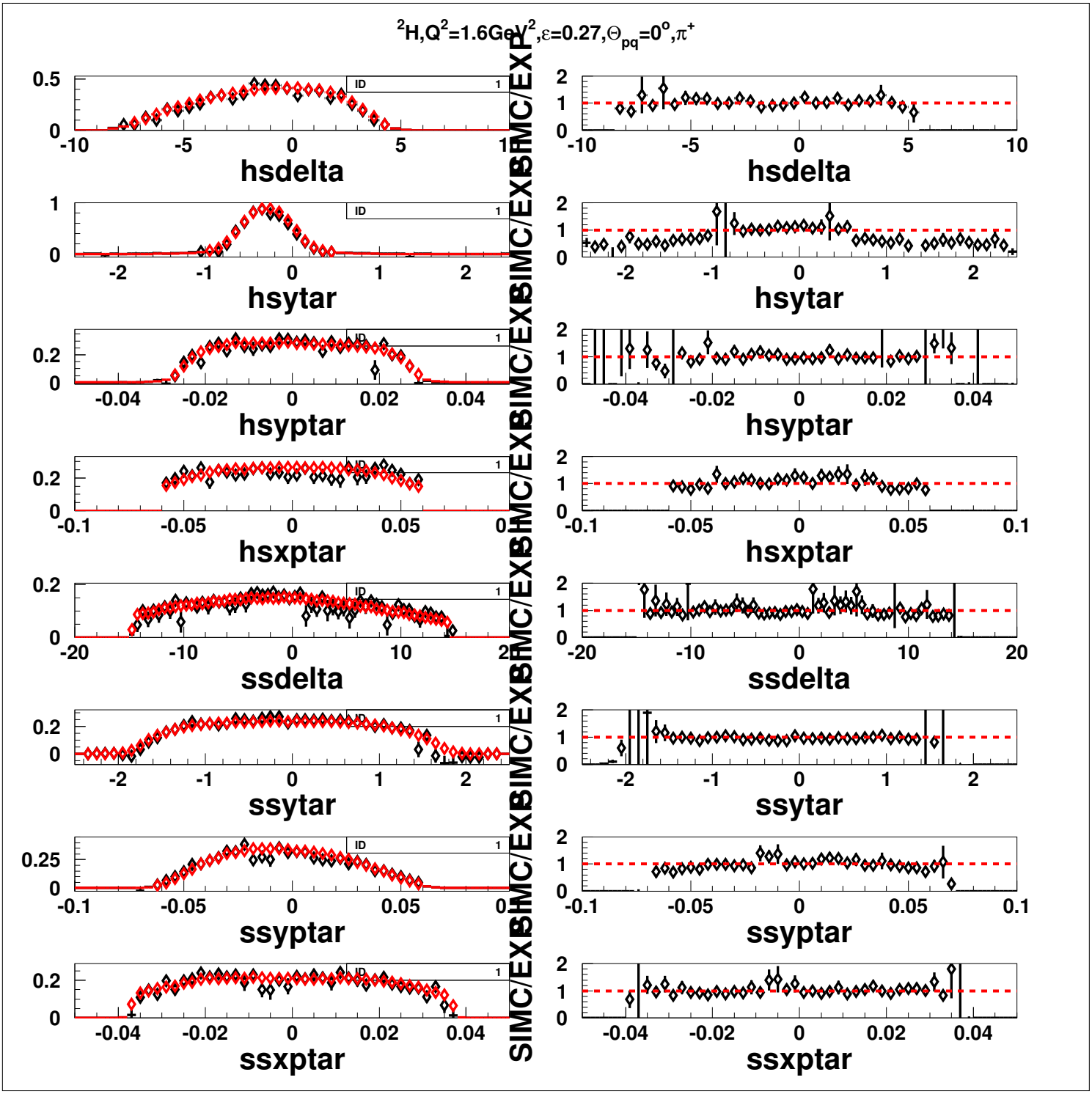









^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=0°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=0^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
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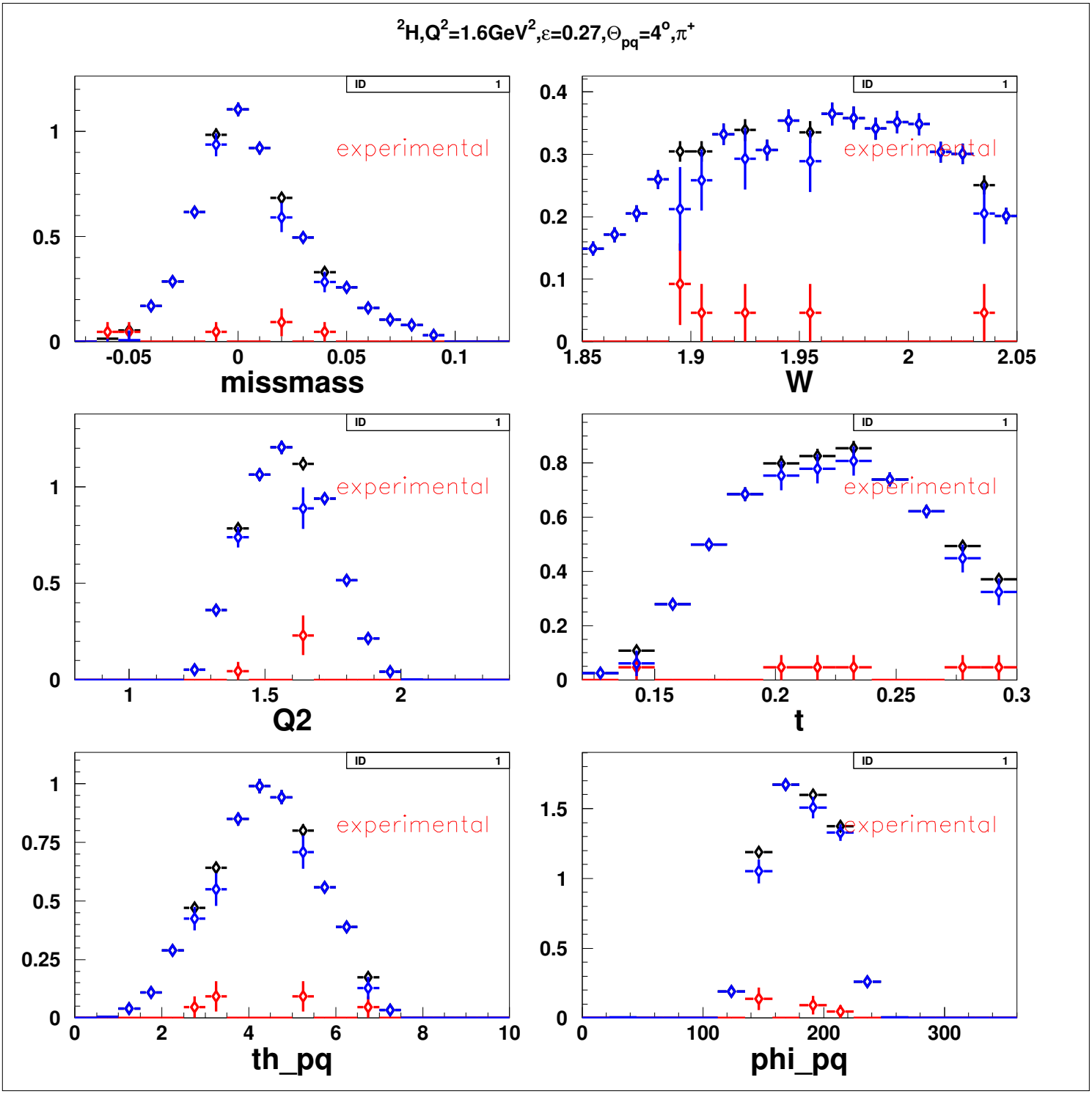
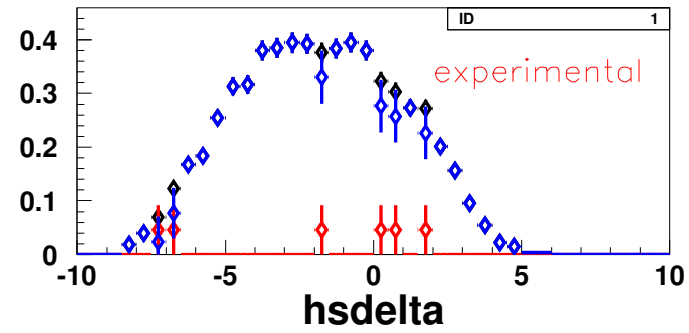
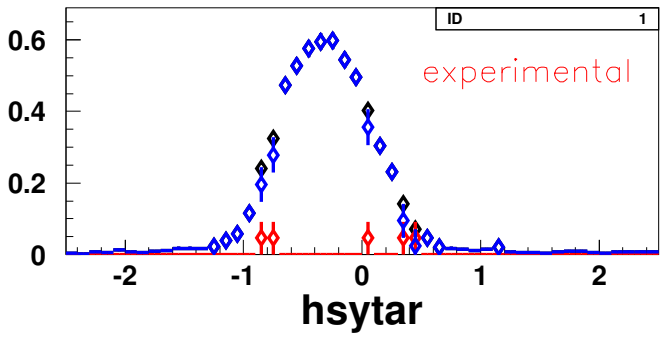
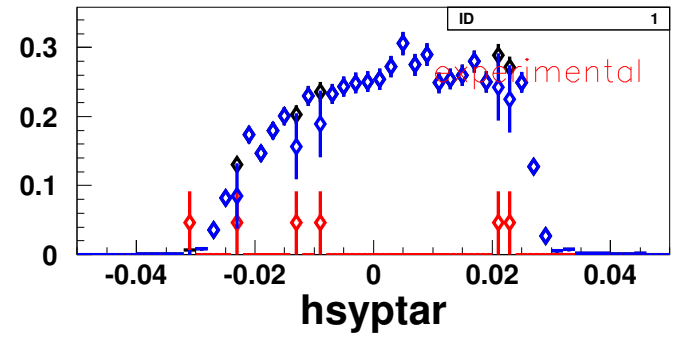
ssdelta
ssytar
ssyptar
ssxptar
ID 1

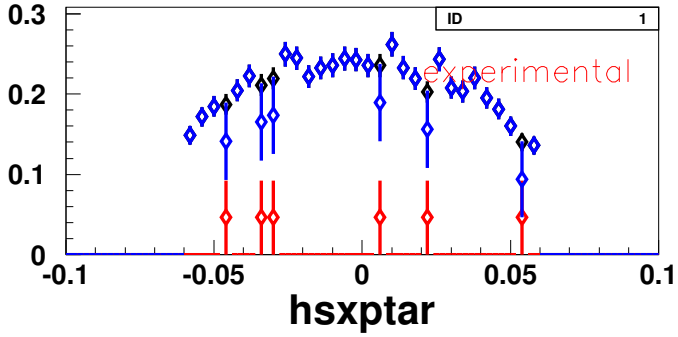

^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=4^o,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

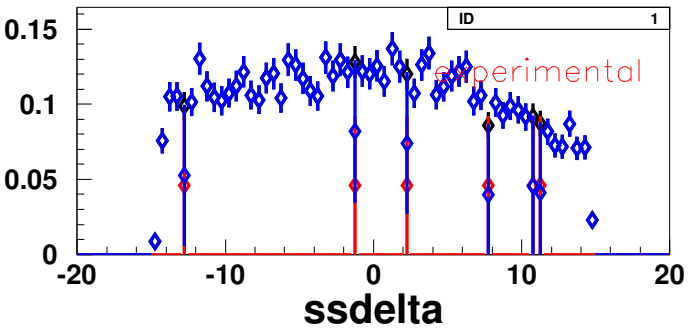
^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=4^o,π$^+$

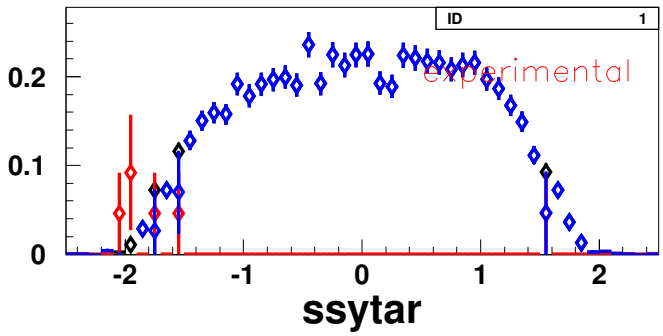


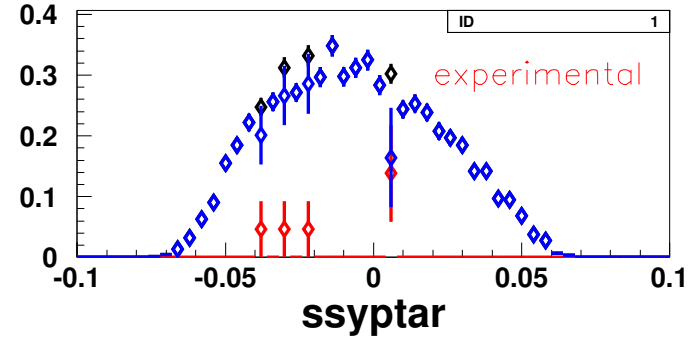


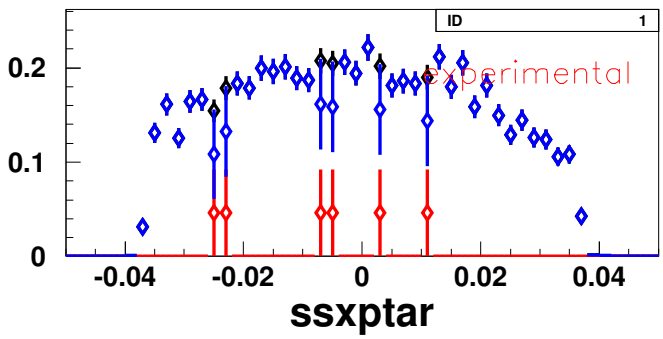


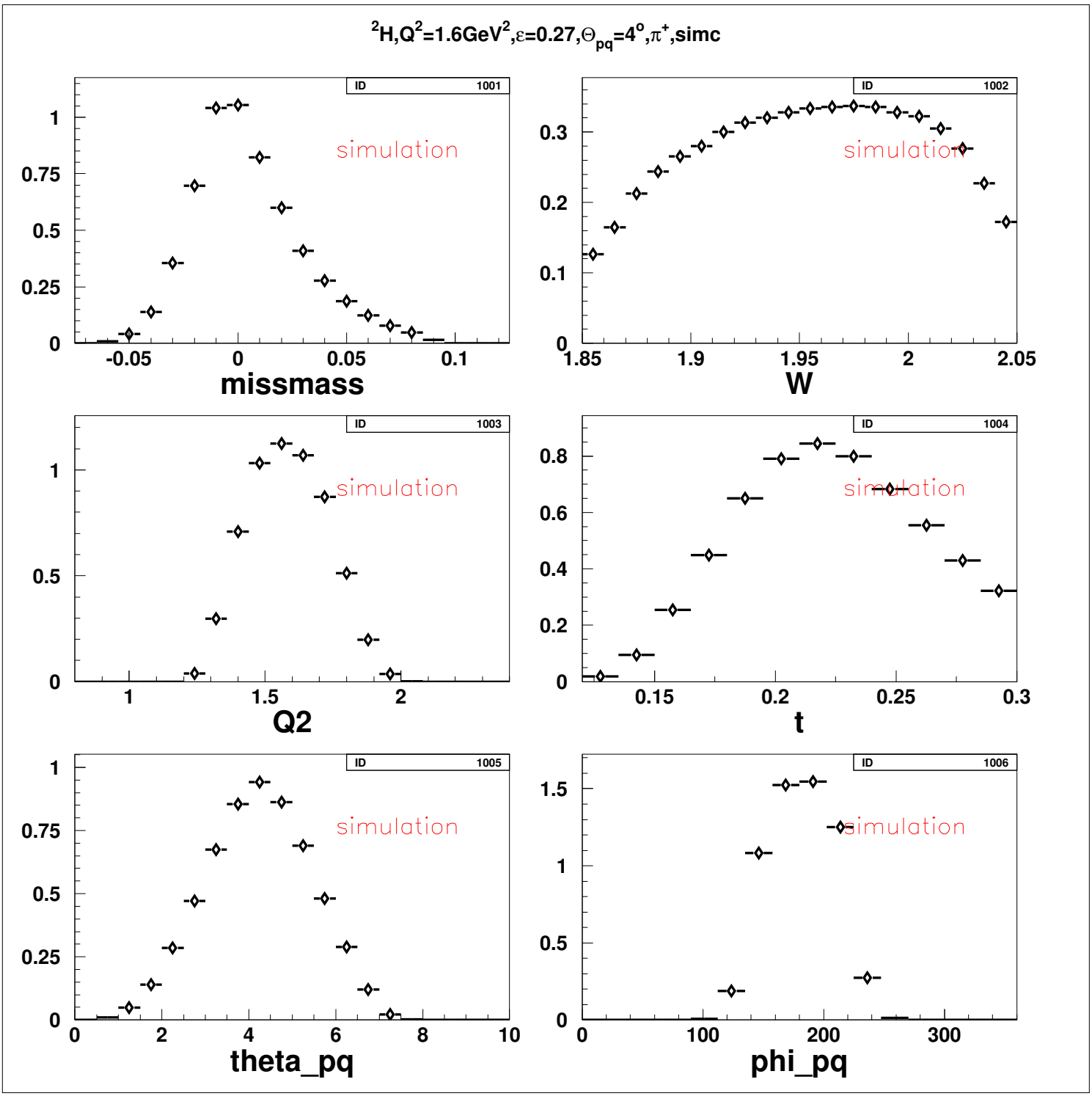




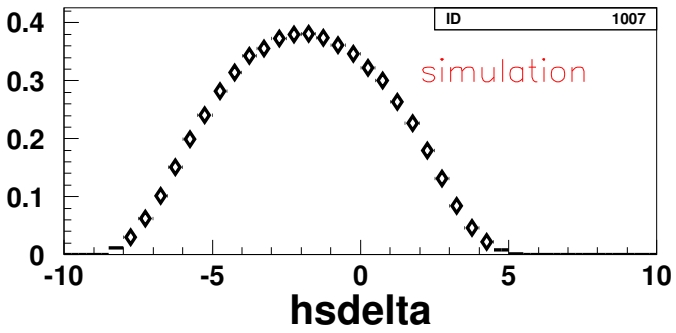


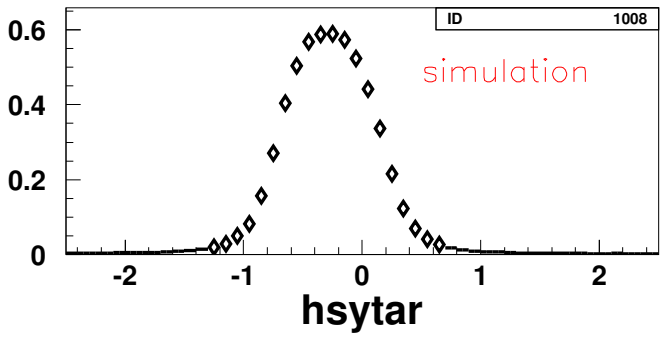


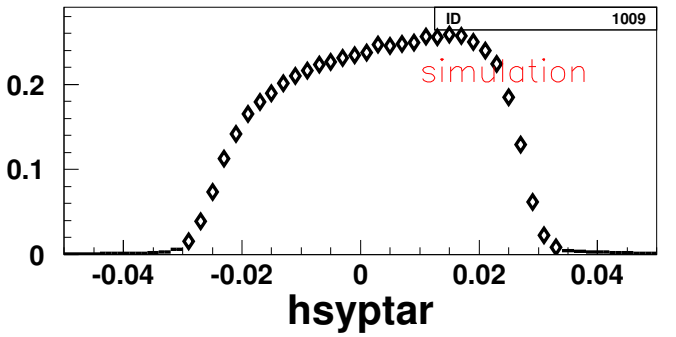


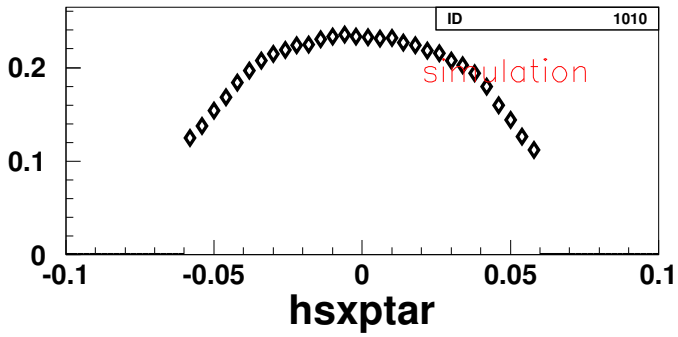

^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=4°,π$^+$,simc
ID 1001
simulation
missmass
ID 1002
simulation
W
ID 1003
simulation
Q2
ID 1004
simulation
t
ID 1005
simulation
theta_pq
ID 1006
simulation
phi_pq

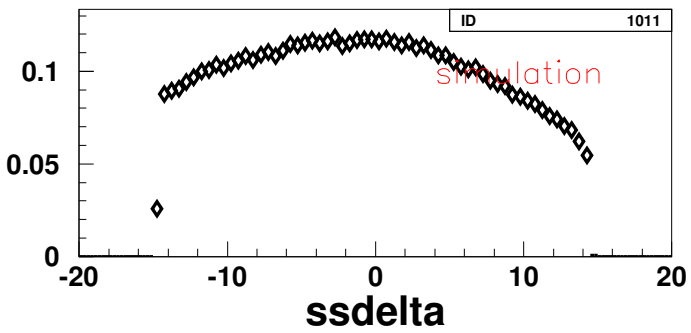
^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ_{pq}=4°,π^+,simc

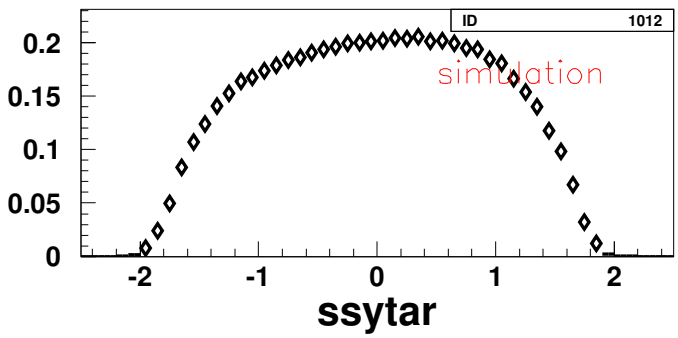


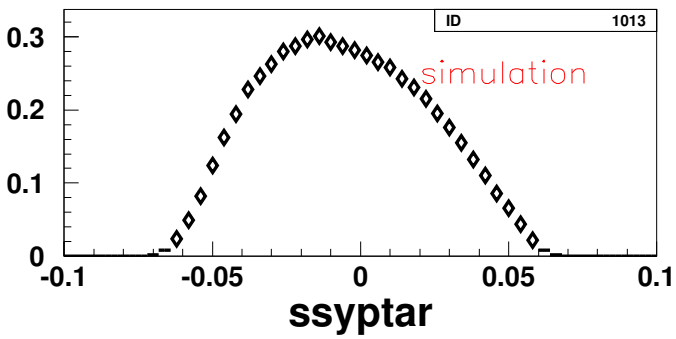


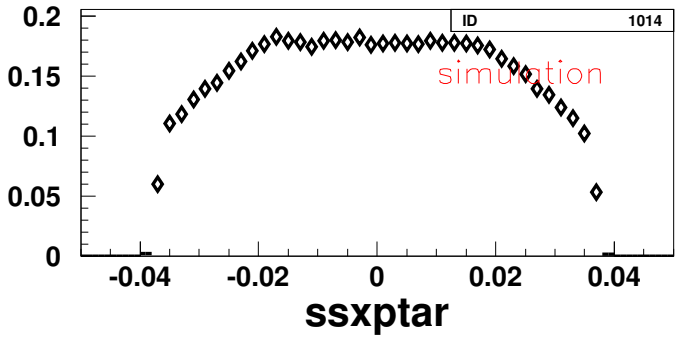


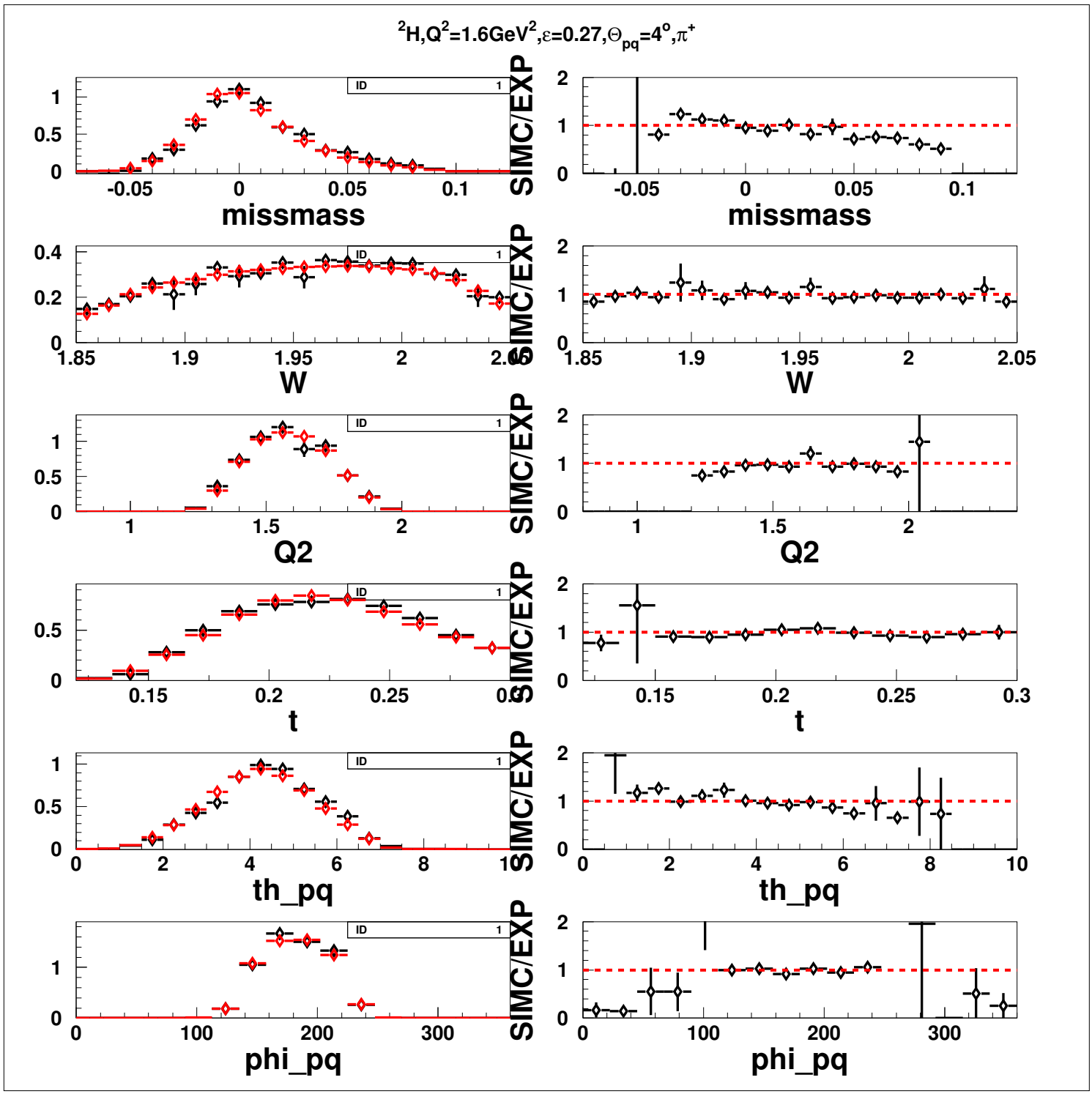


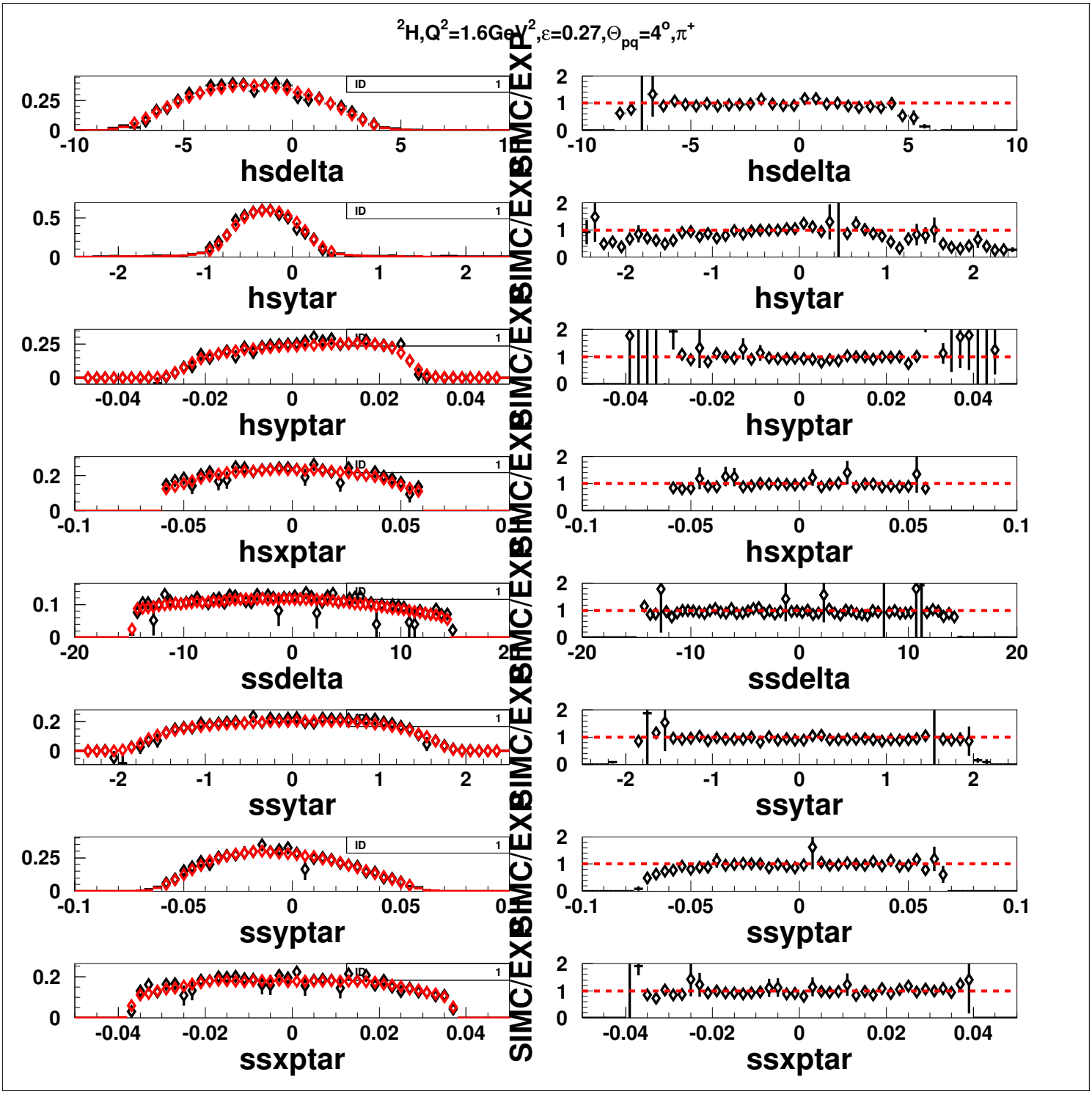




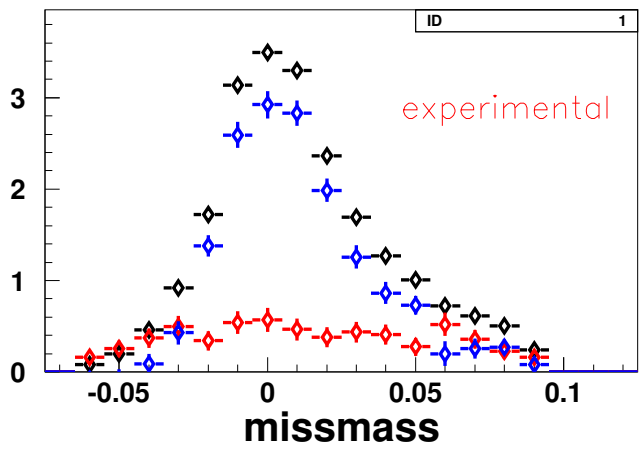


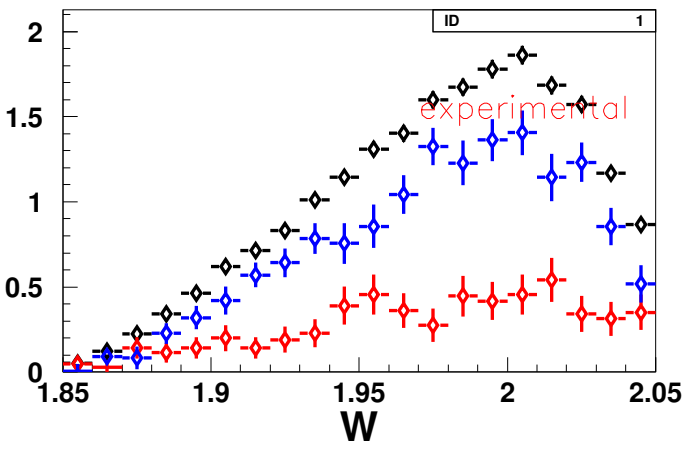


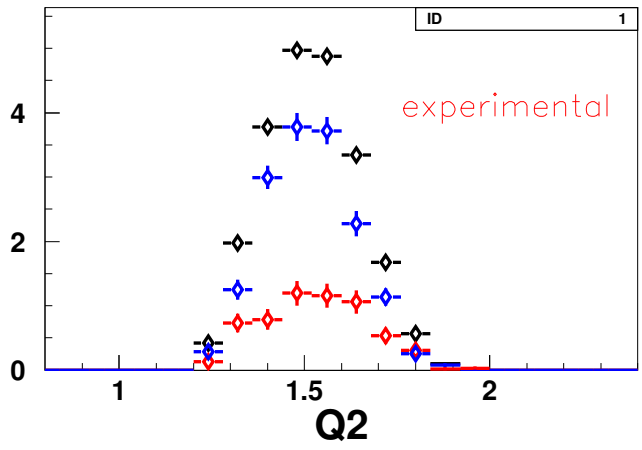

^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=4°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

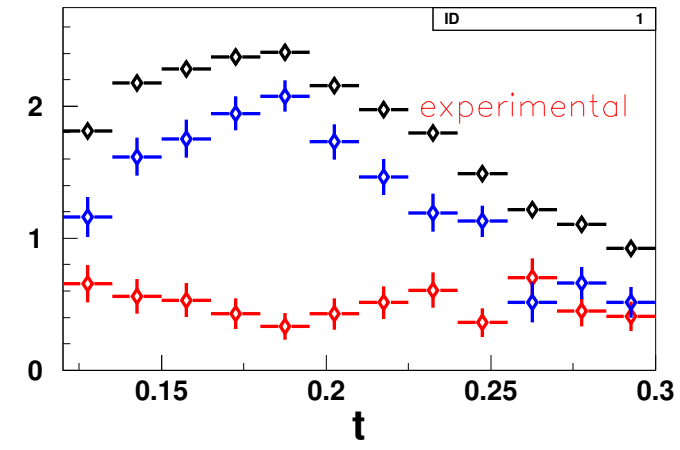

^{2}H,Q^2=1.6GeV^2,ε=0.27,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID 1

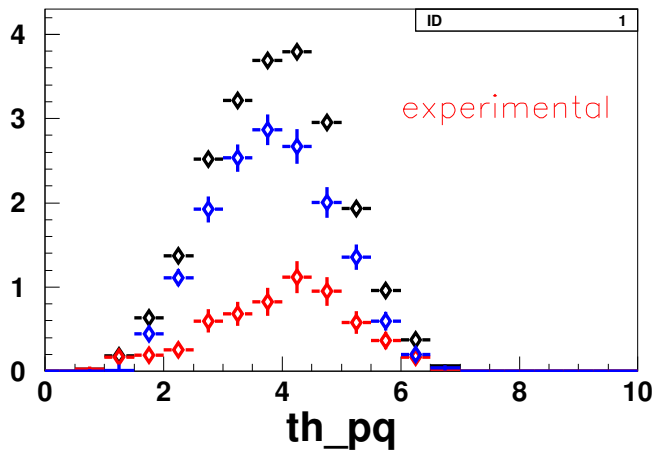
$^2H, Q^2=1.6 GeV^2, \varepsilon=0.63, \Theta_{pq}=-4^o, \pi^+$

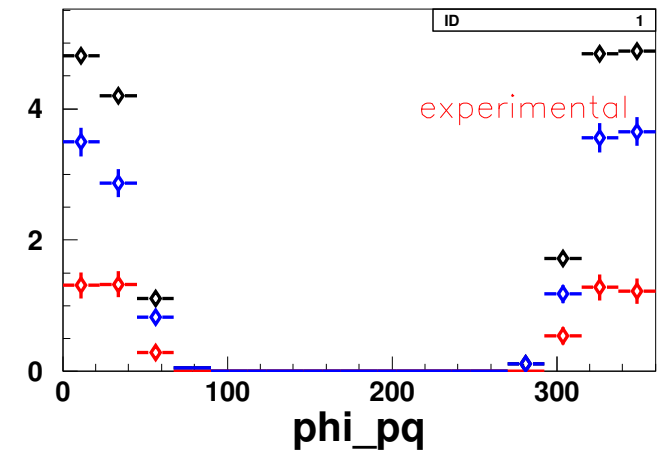


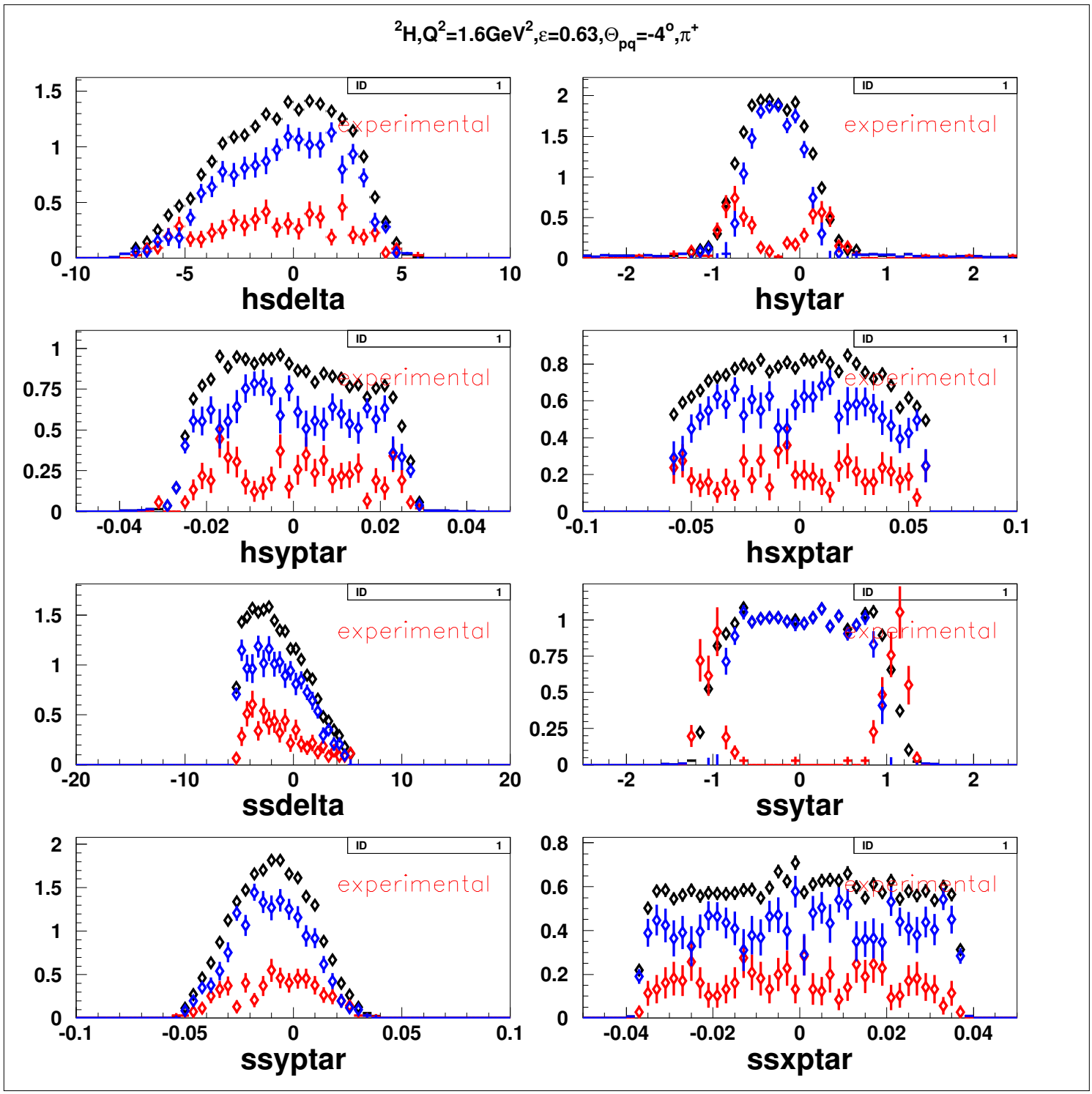




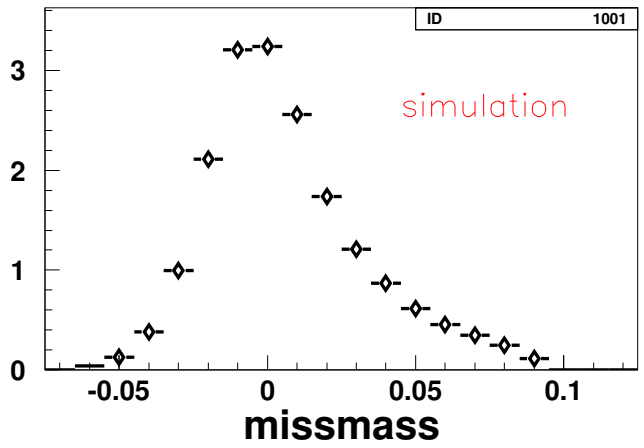


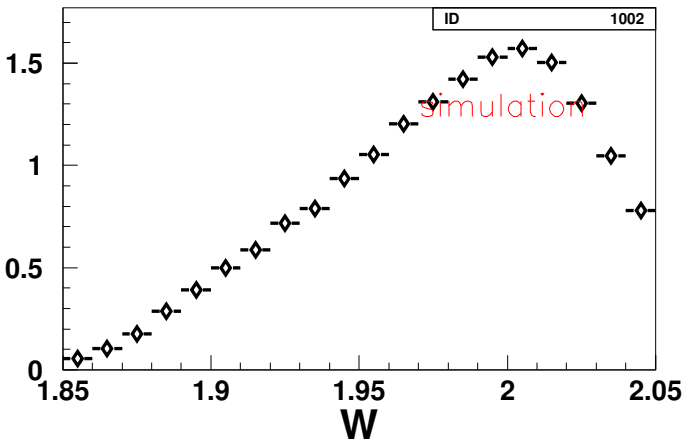


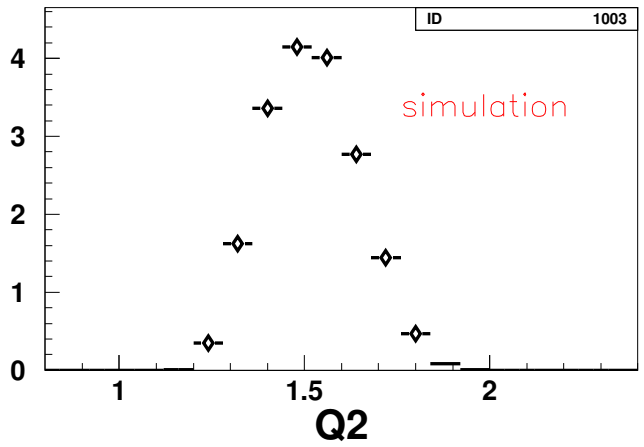


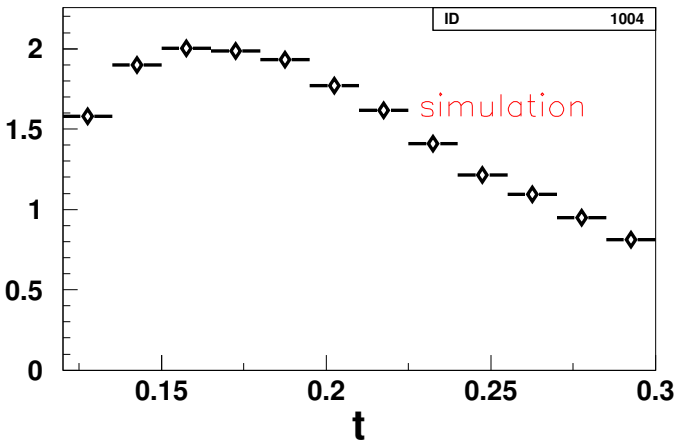

^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=-4°,π$^+$
ID 1
experimental
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

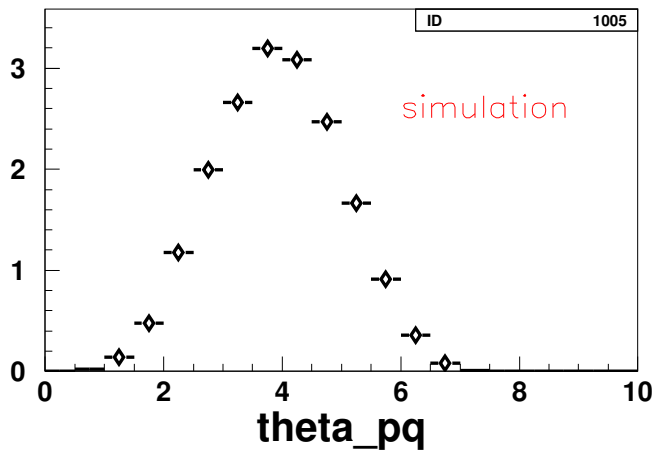
$^2H,Q^2=1.6GeV^2,\varepsilon=0.63,\Theta_{pq}=-4^o,\pi^+,simc$

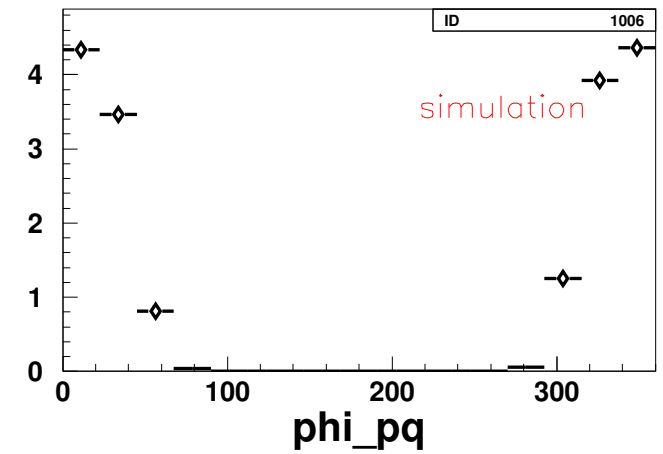




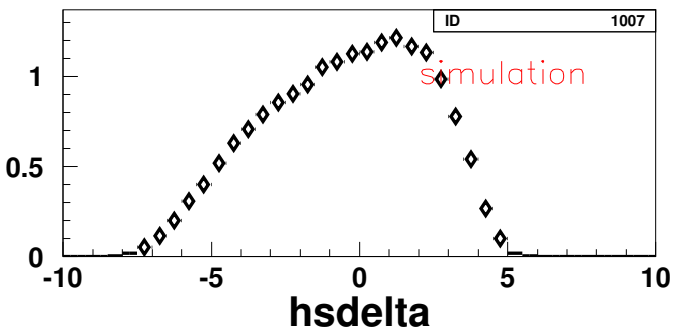


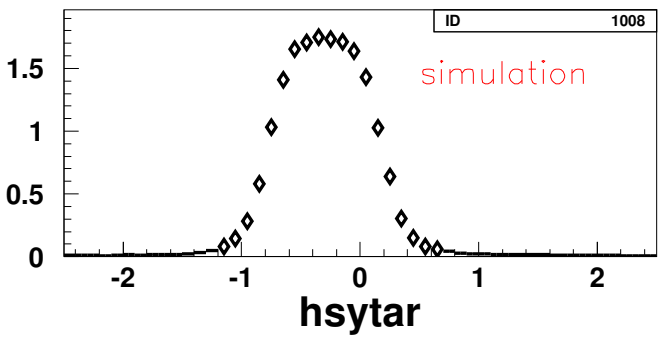


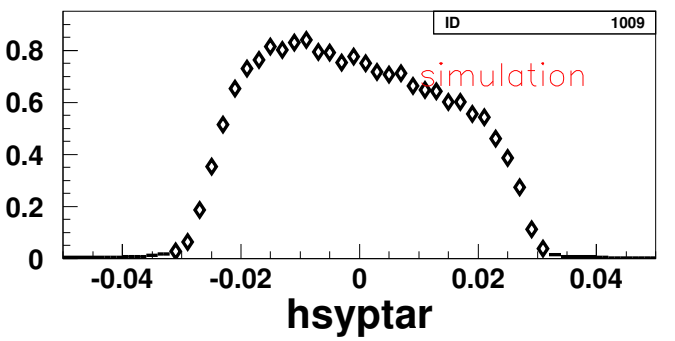


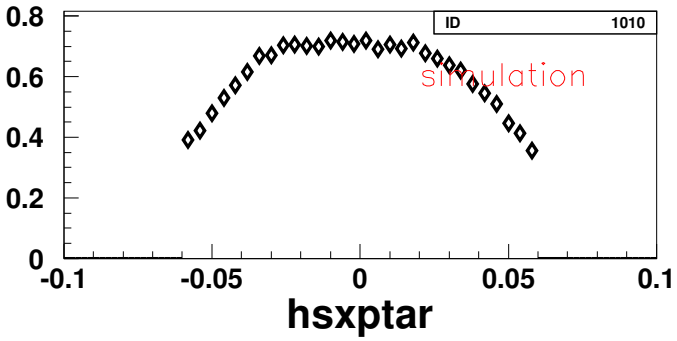


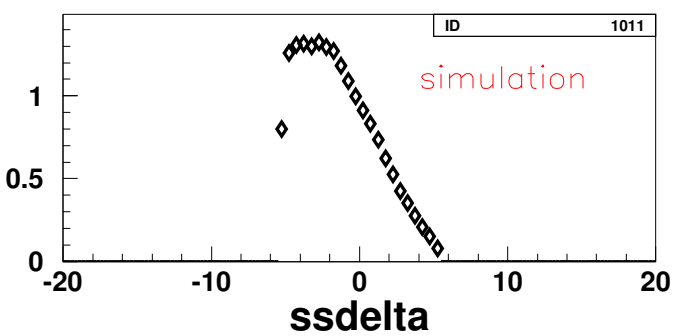
^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=-4^o,π$^+$,simc

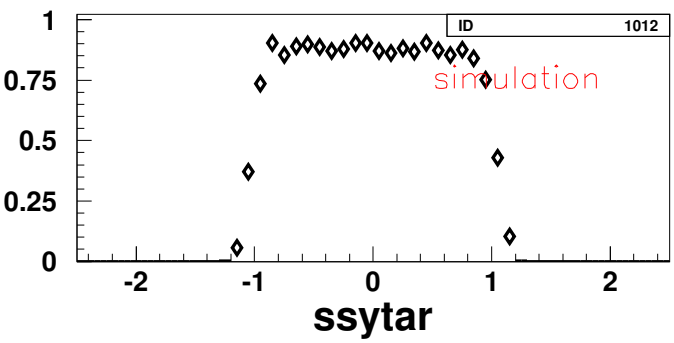


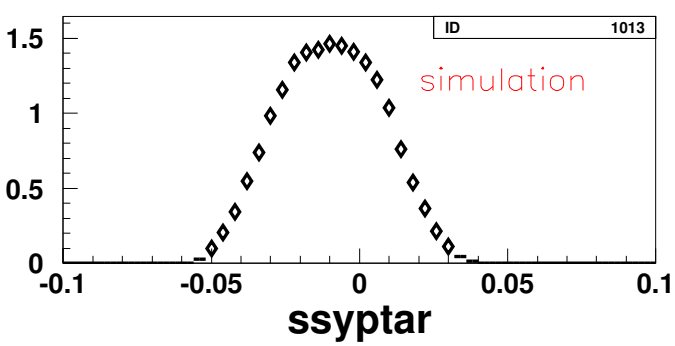


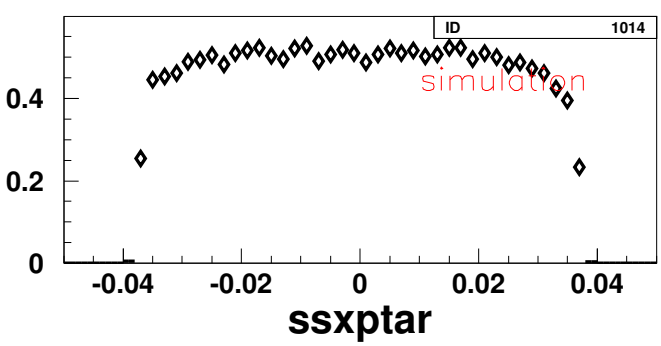


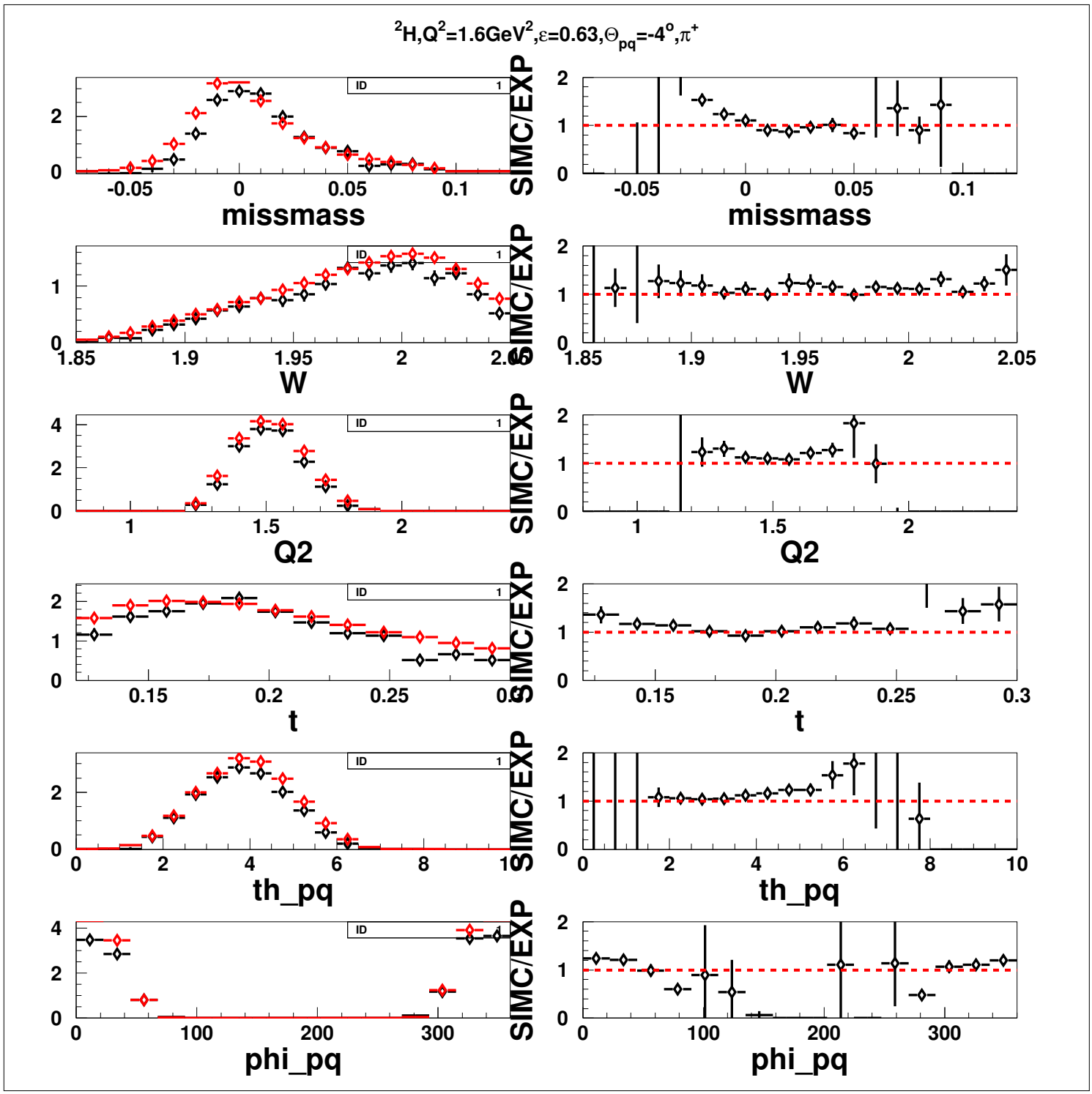


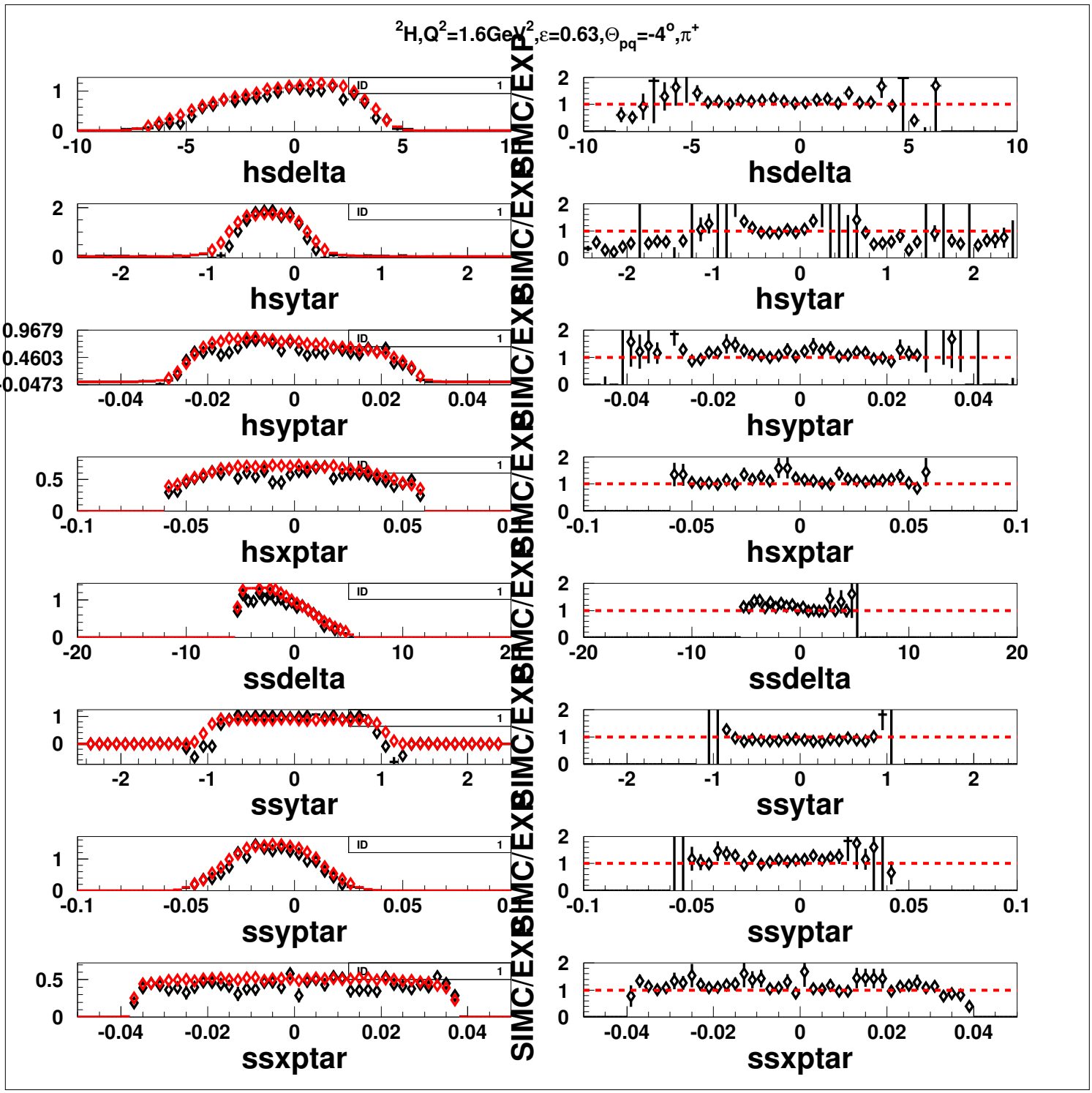




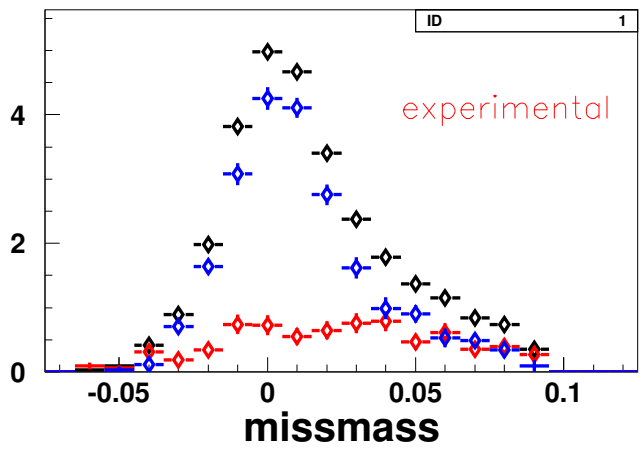


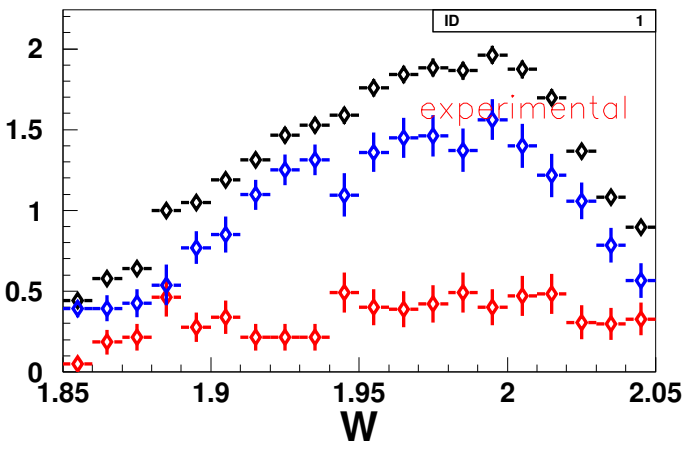


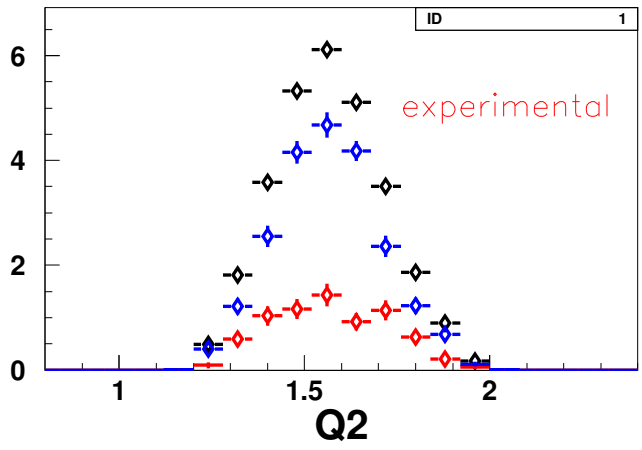

^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=-4°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq

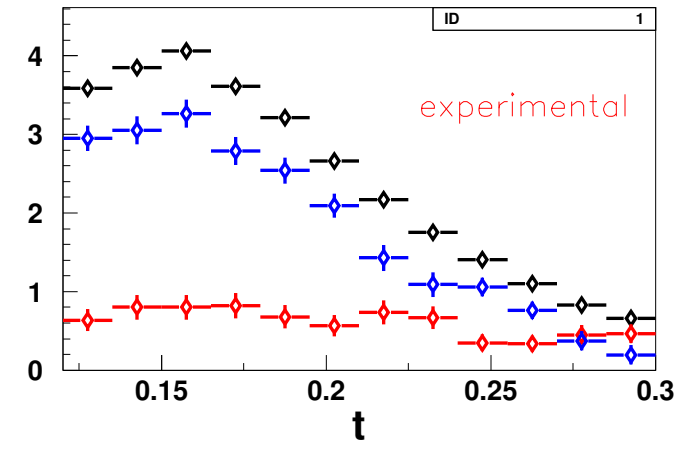

^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=-4°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID
1
0.9679
0.4603
-0.0473

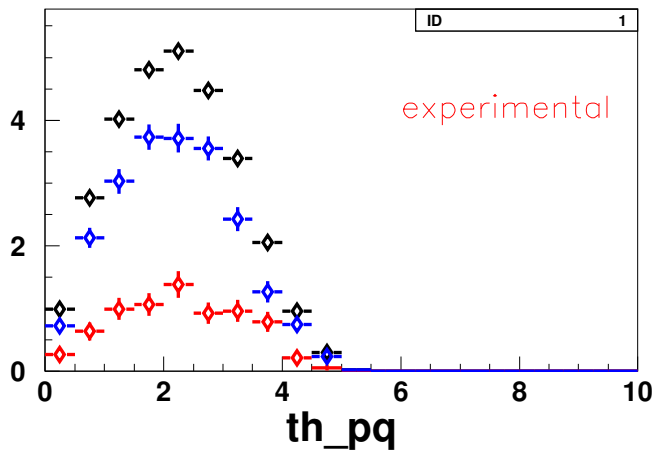
$^2H, Q^2=1.6 GeV^2, \varepsilon=0.63, \Theta_{pq}=0^o, \pi^+$

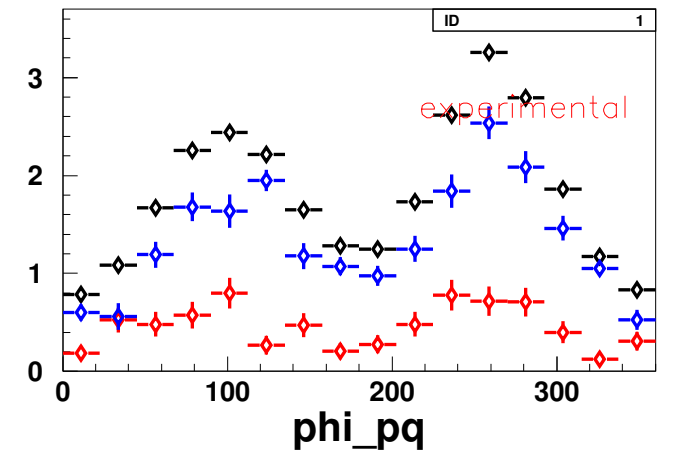


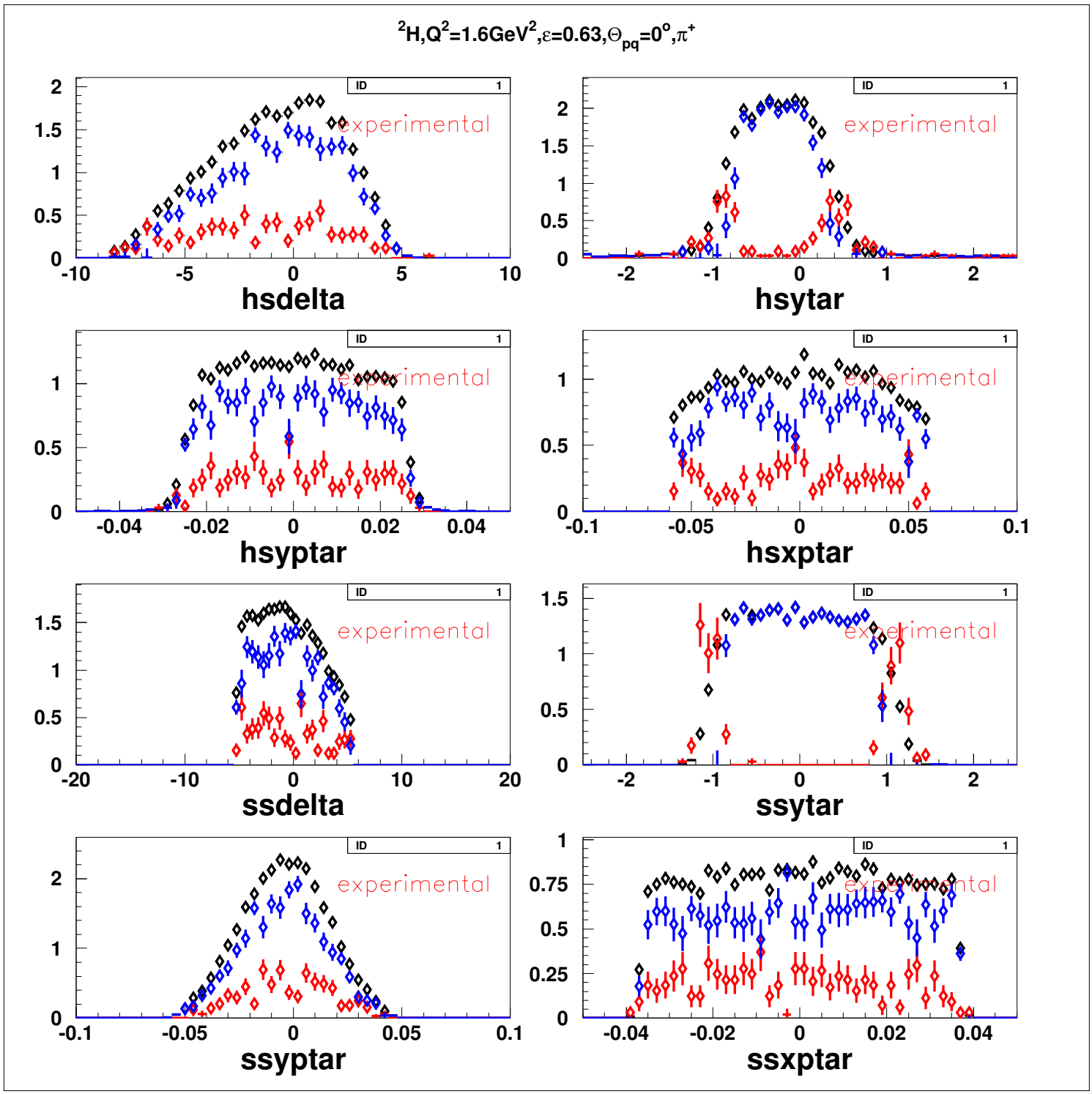




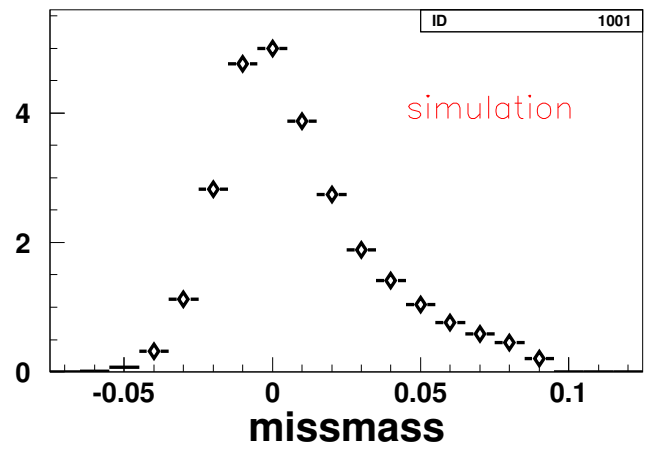


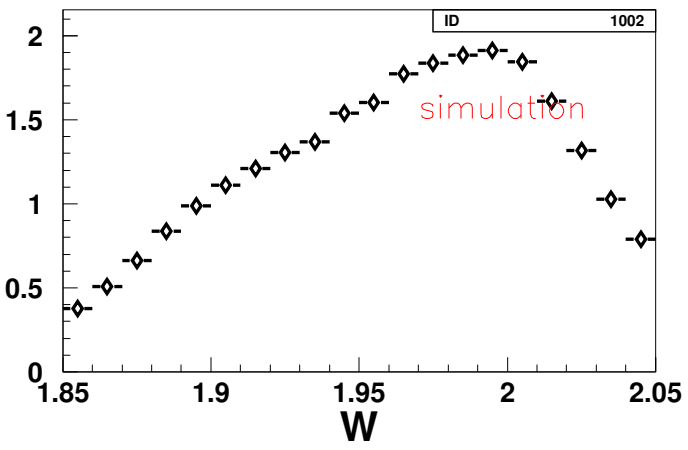


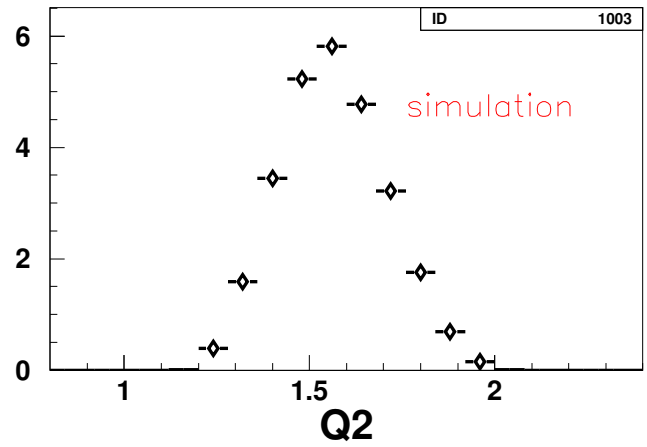


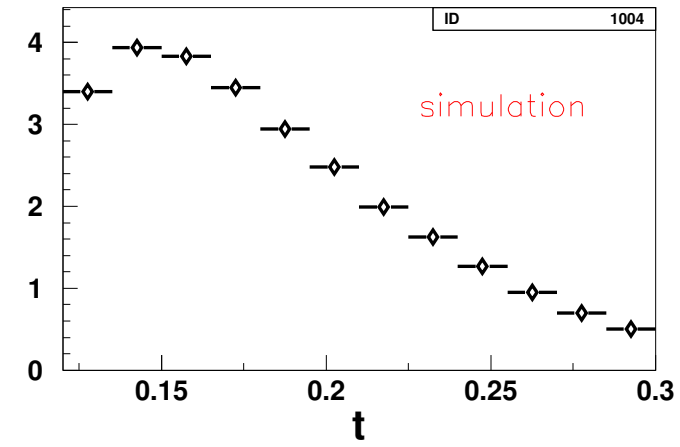

^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=0°,π$^+$
ID 1
experimental
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar

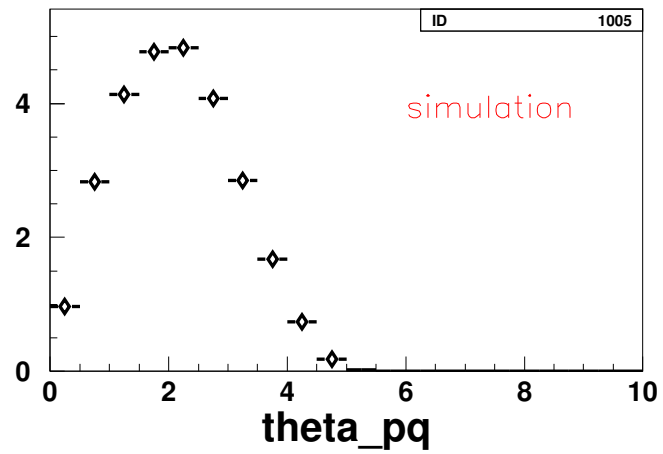
$^2H, Q^2=1.6 GeV^2, \varepsilon=0.63, \Theta_{pq}=0^o, \pi^+, simc$

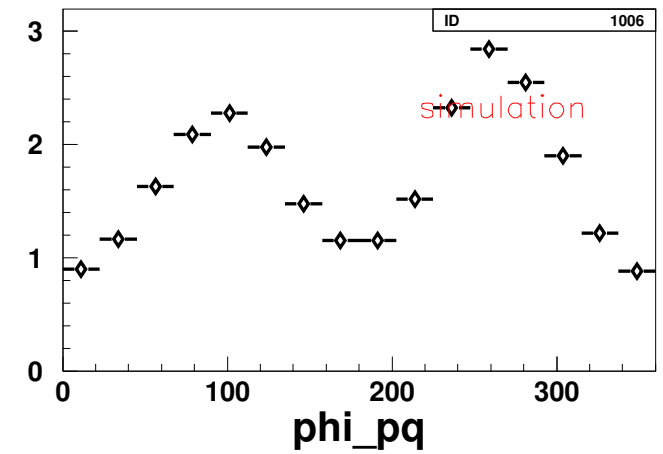




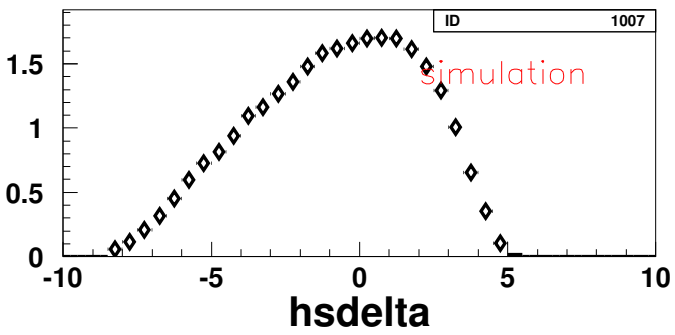


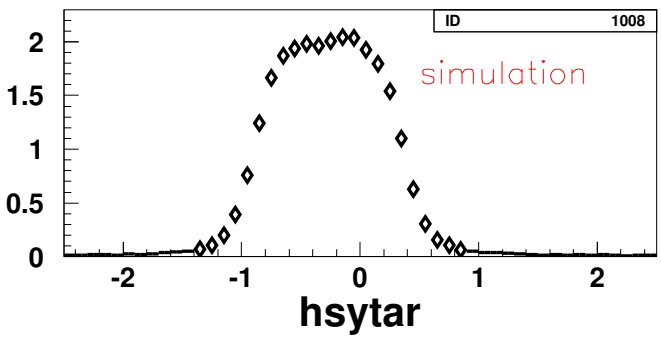


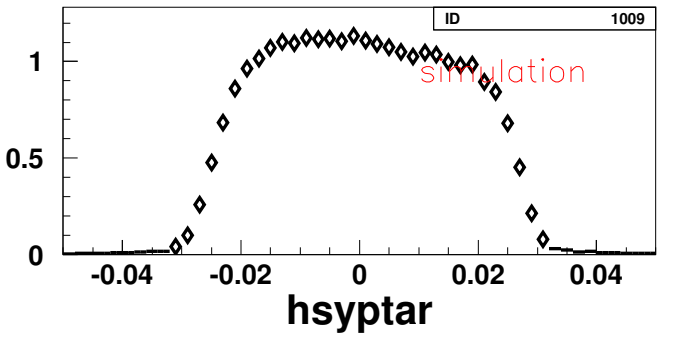


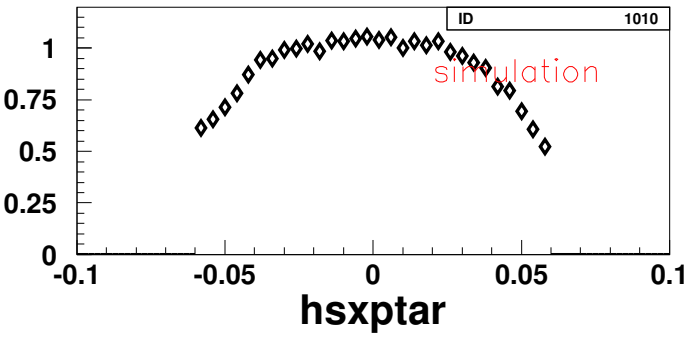


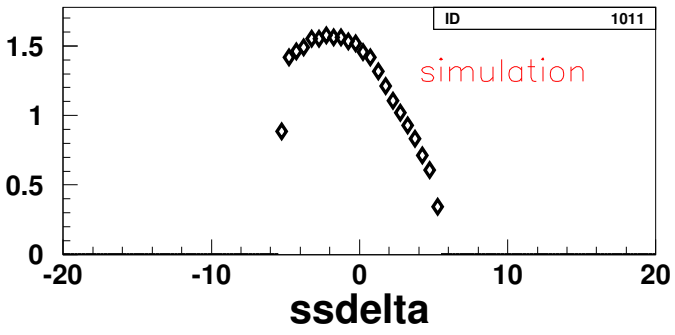
^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ_{pq}=0^o,π^+,simc

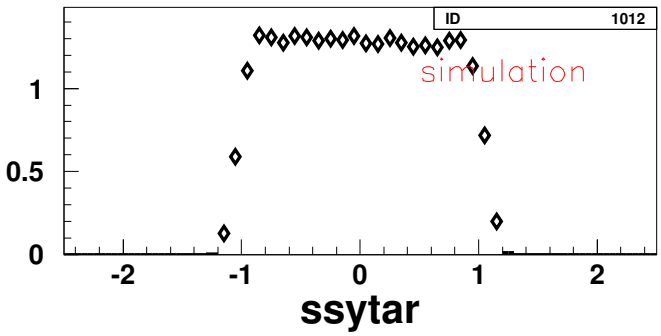


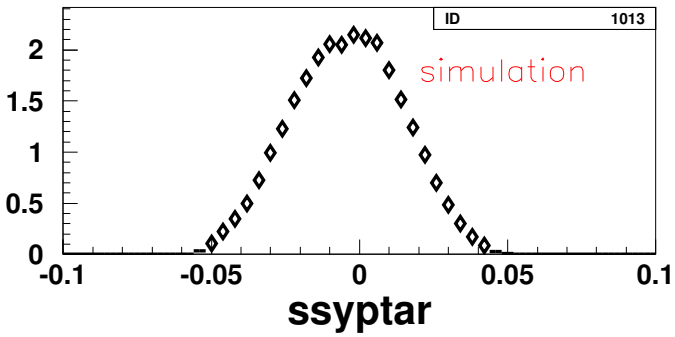


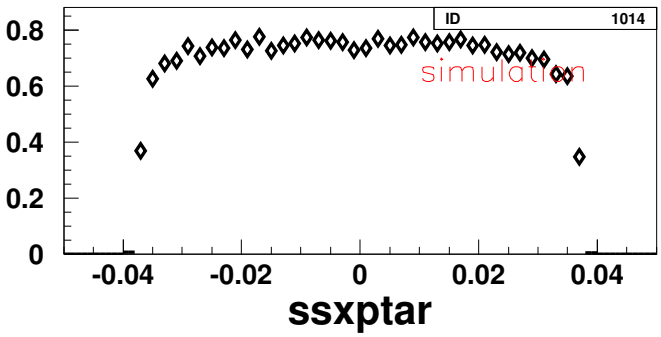


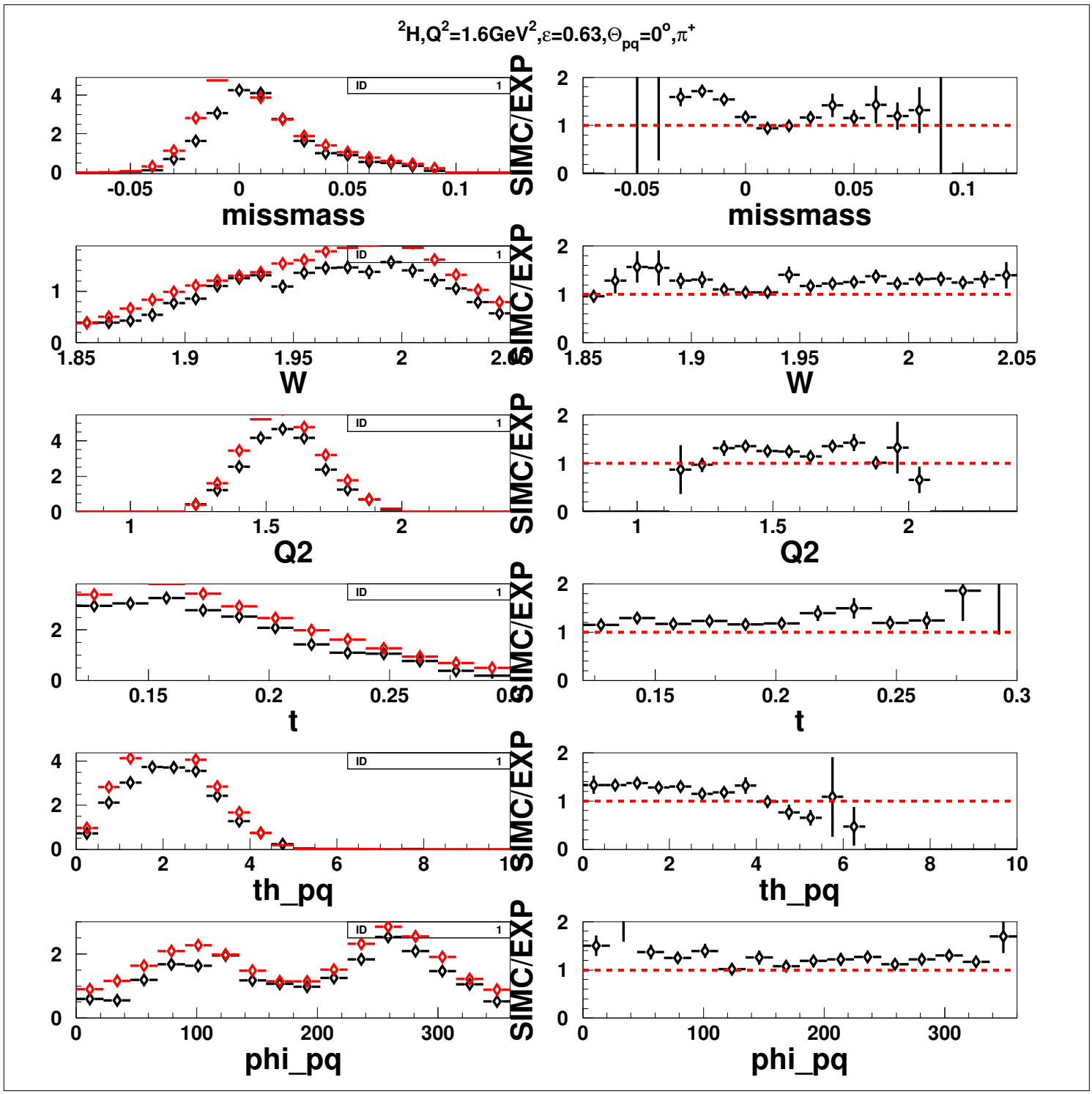


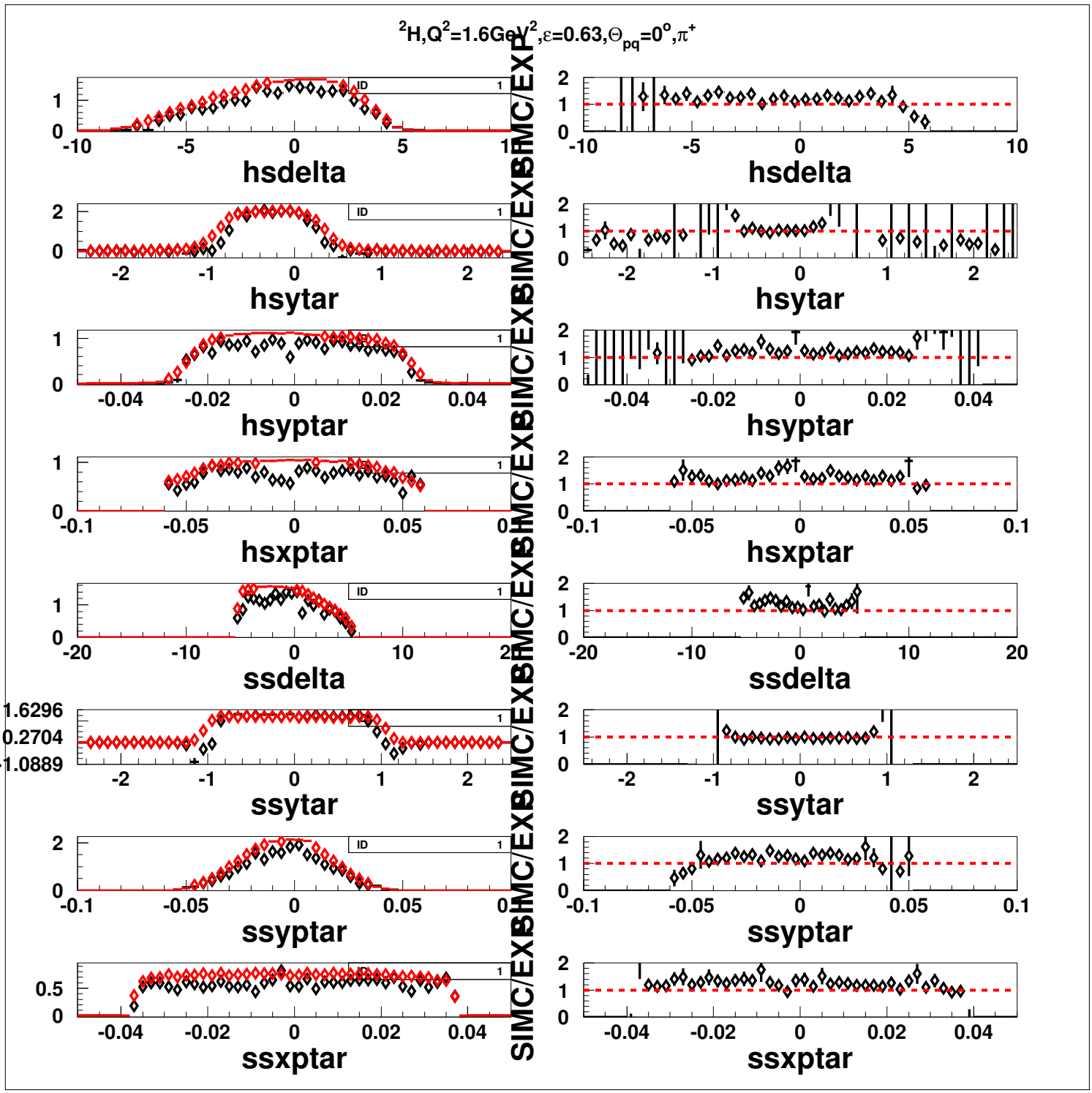









^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=0°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=0°,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID
1
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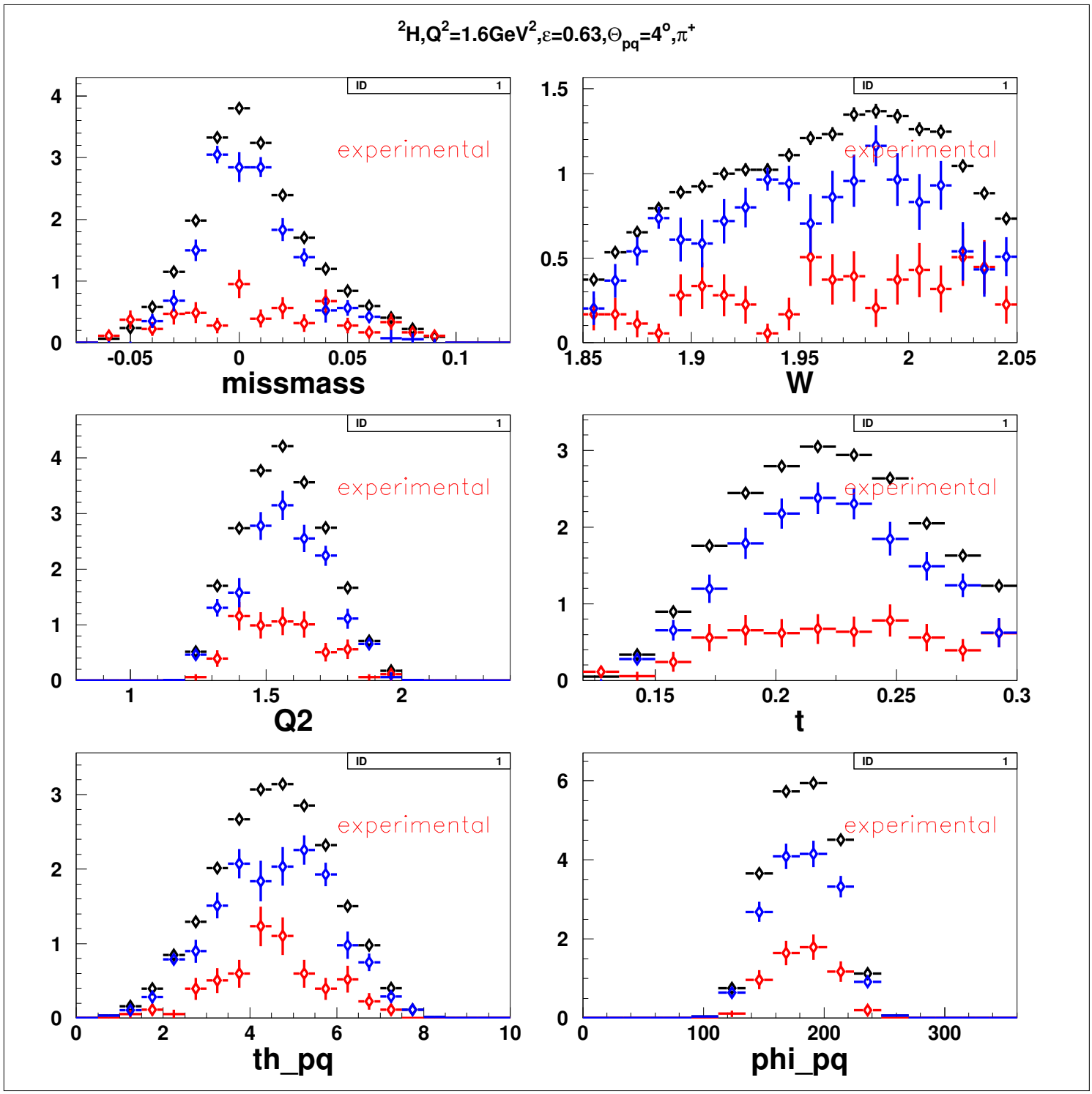
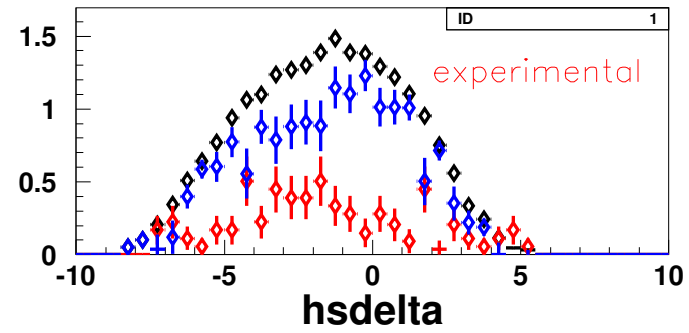
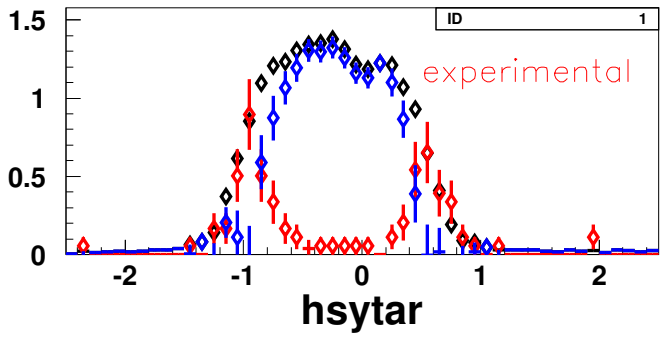
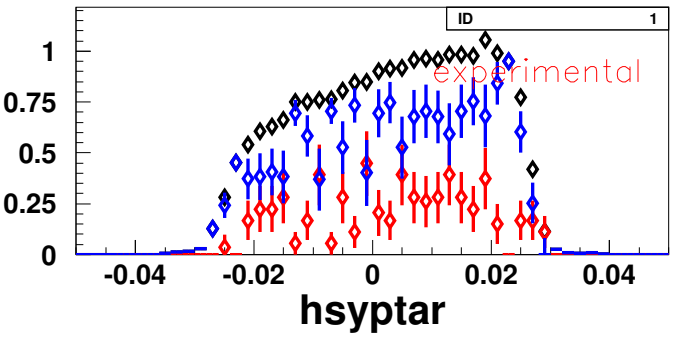
0.2704
-1.0889

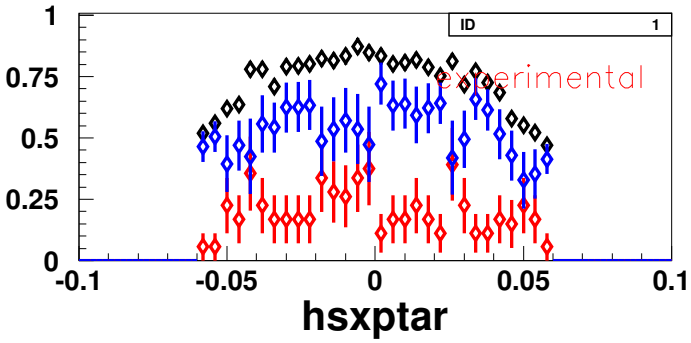

^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=4°,π$^+$
ID 1
experimental
missmass
W
Q2
t
th_pq
phi_pq

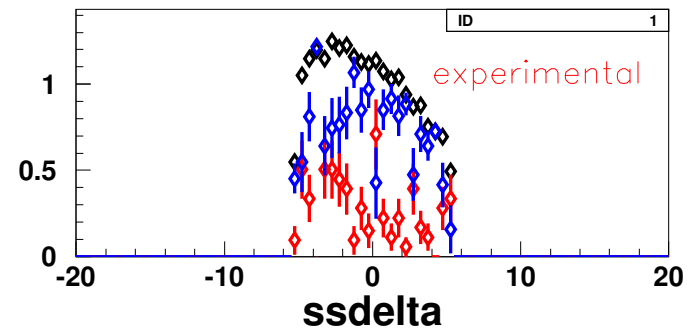
$^2H, Q^2=1.6 GeV^2, \varepsilon=0.63, \Theta_{pq}=4^o, \pi^+$

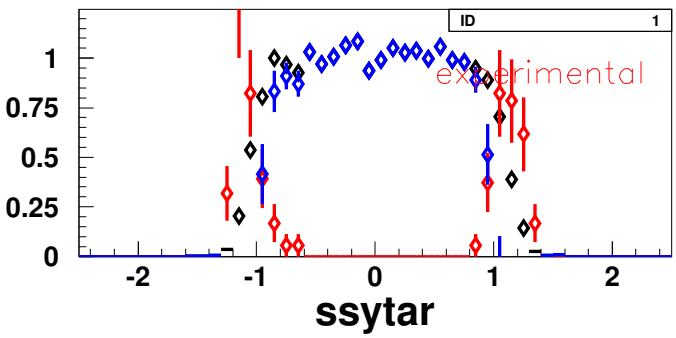


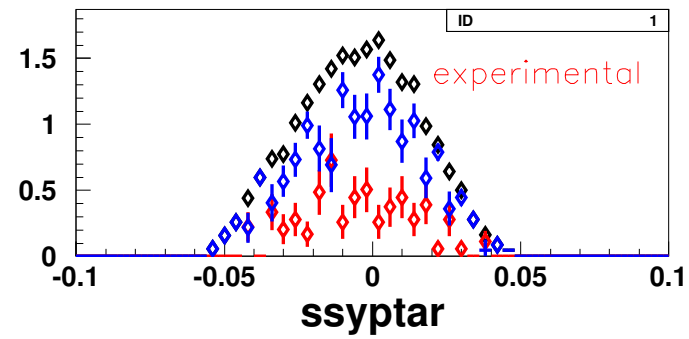


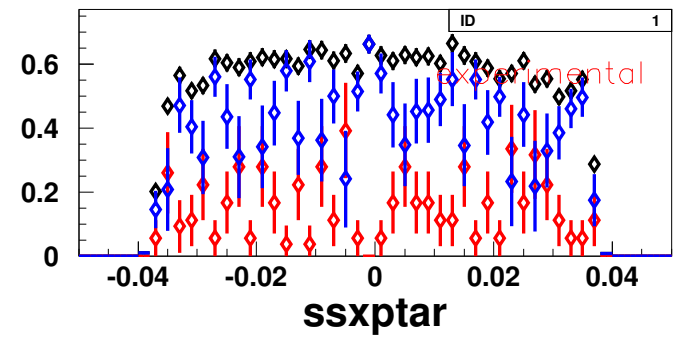




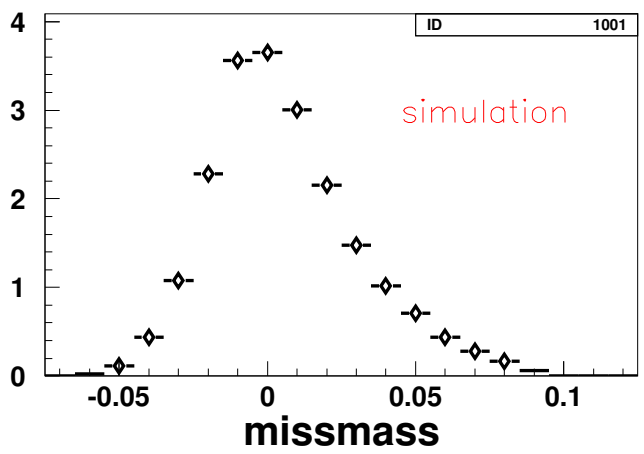


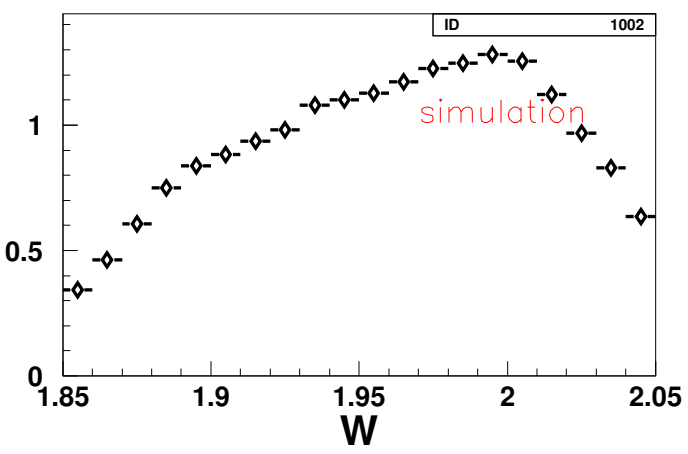


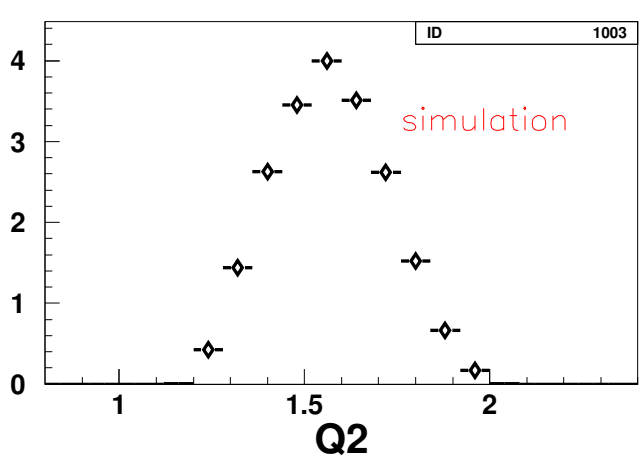


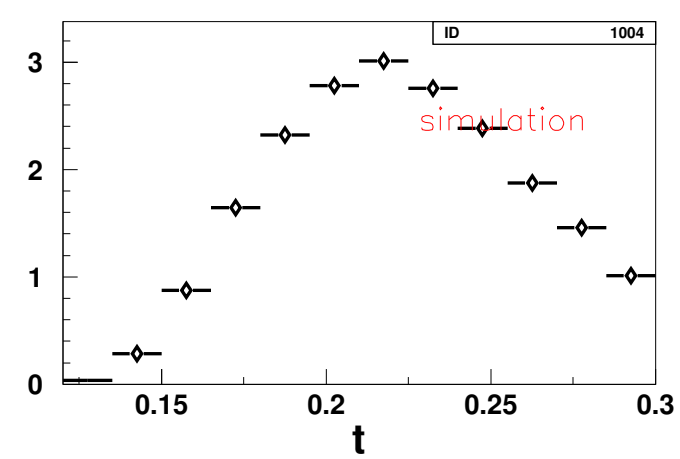


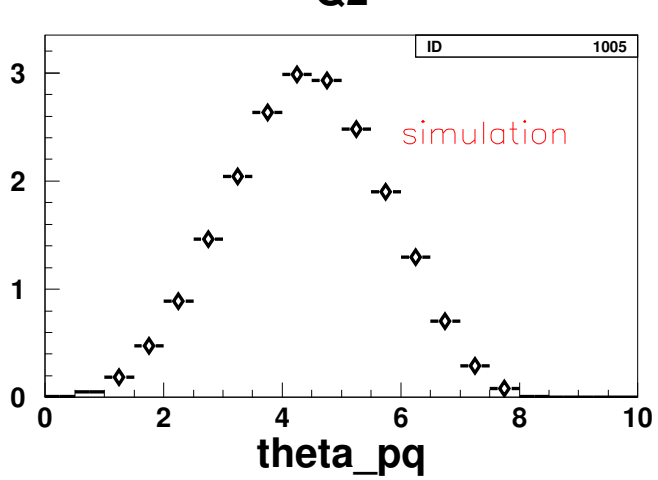
$^2H, Q^2=1.6 GeV^2, \varepsilon=0.63, \Theta_{pq}=4^o, \pi^+, simc$

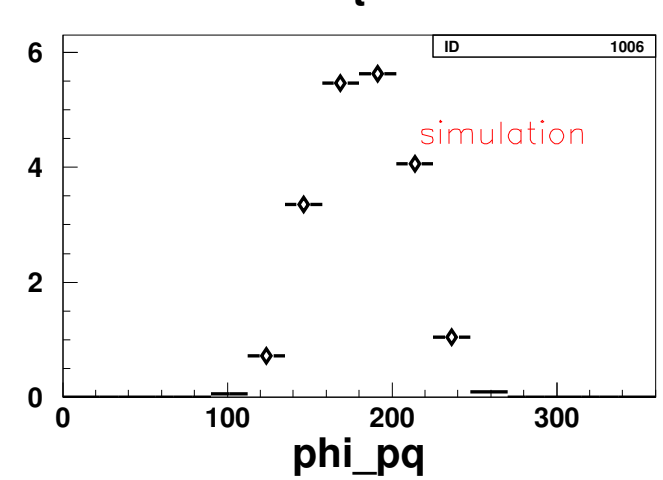




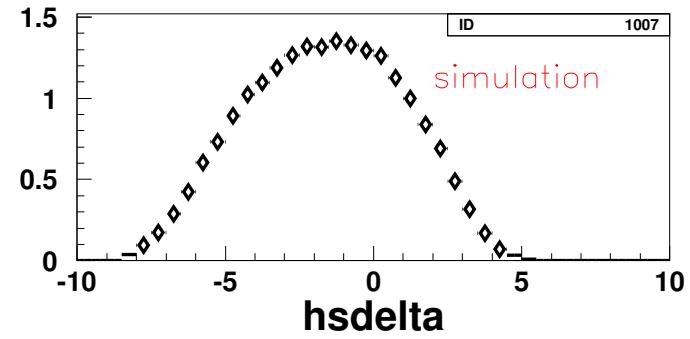


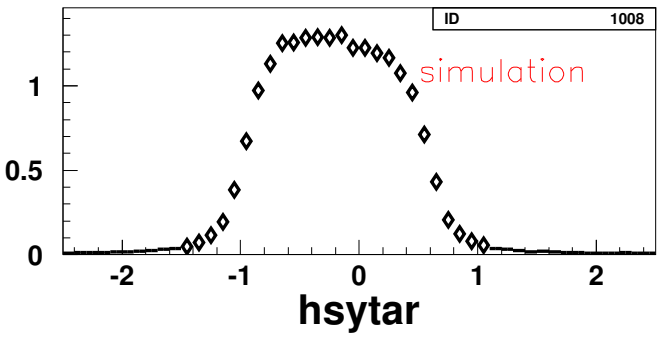


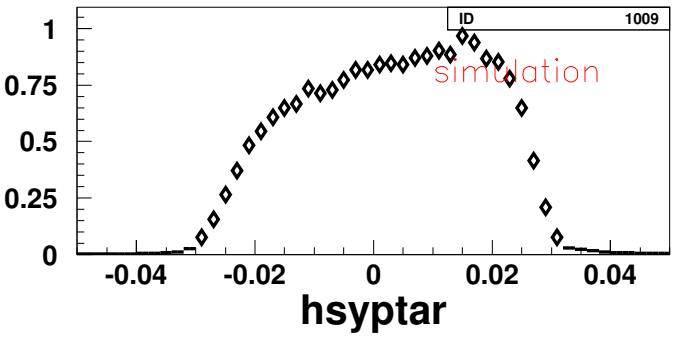


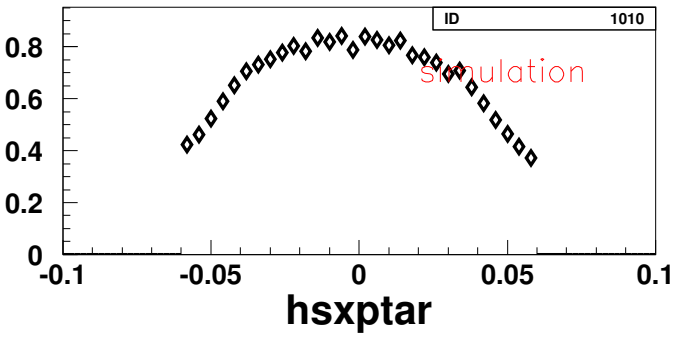


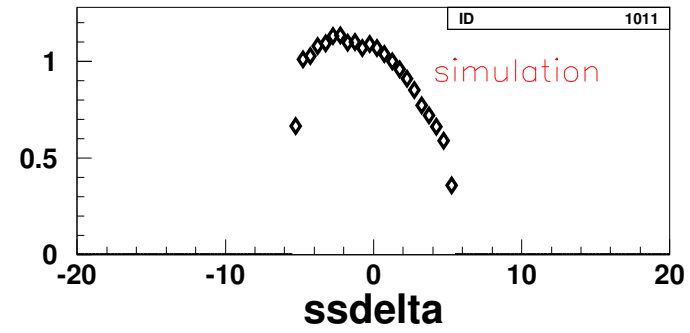
$^2H,Q^2=1.6GeV^2,\varepsilon=0.63,\Theta_{pq}=4^o,\pi^+,simc$

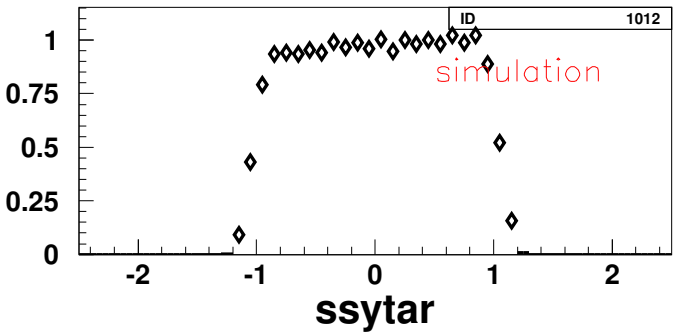


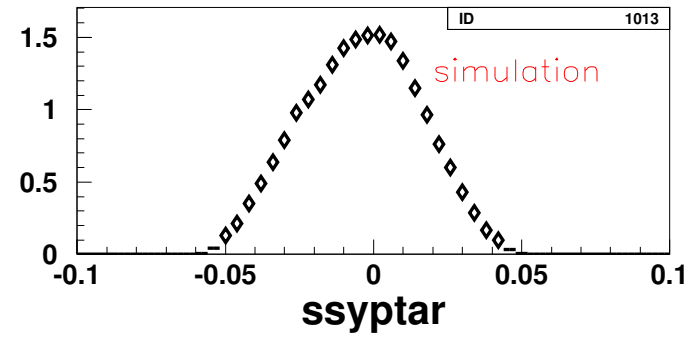


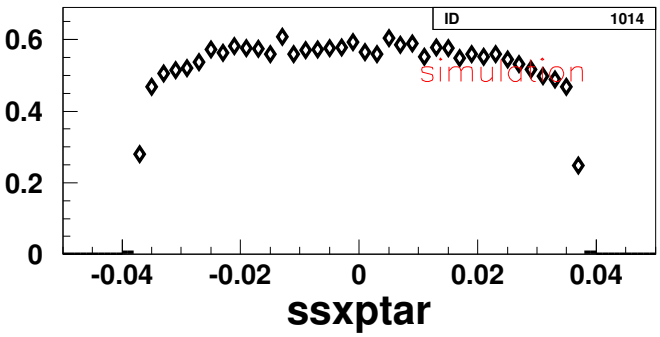


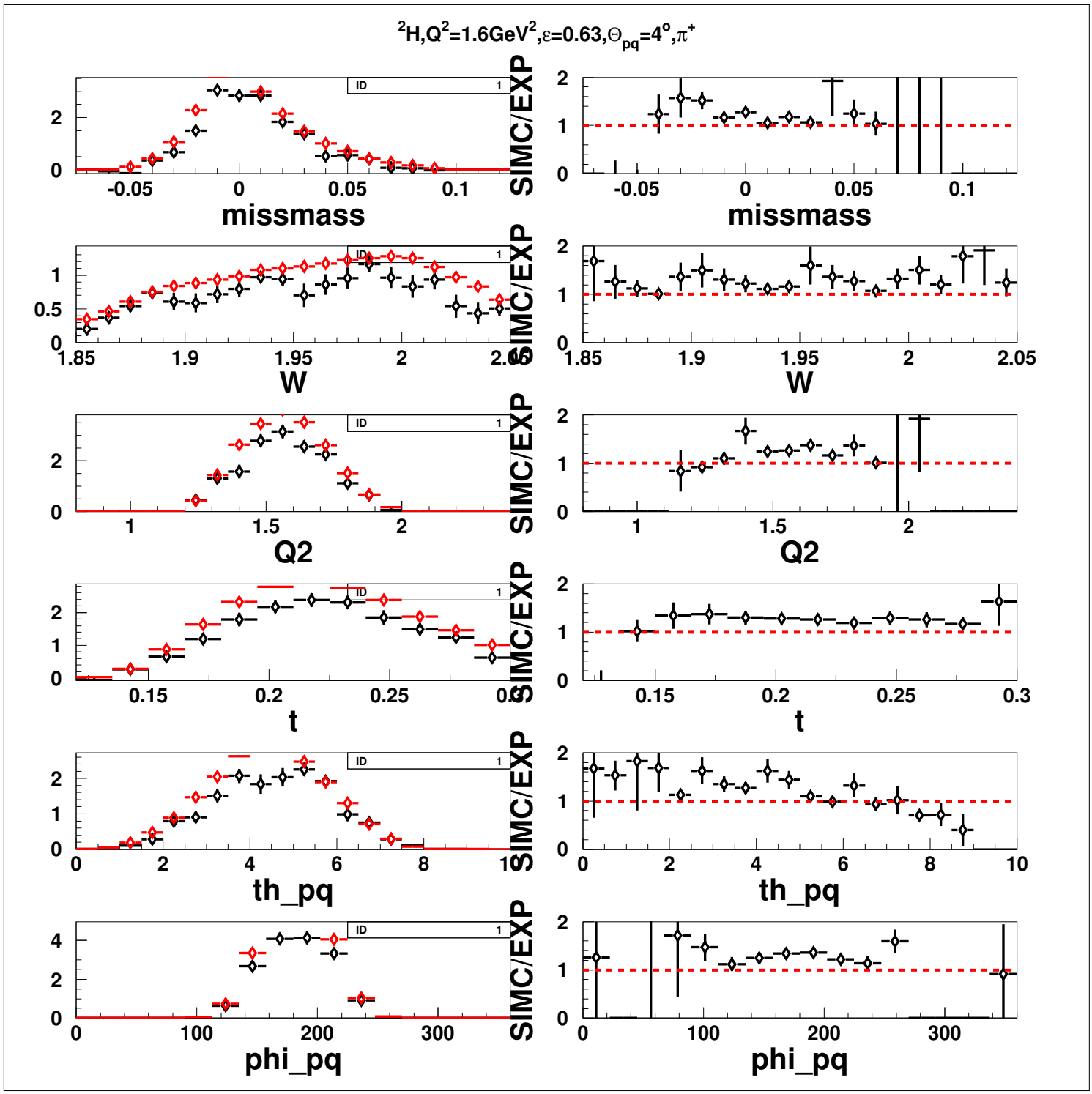


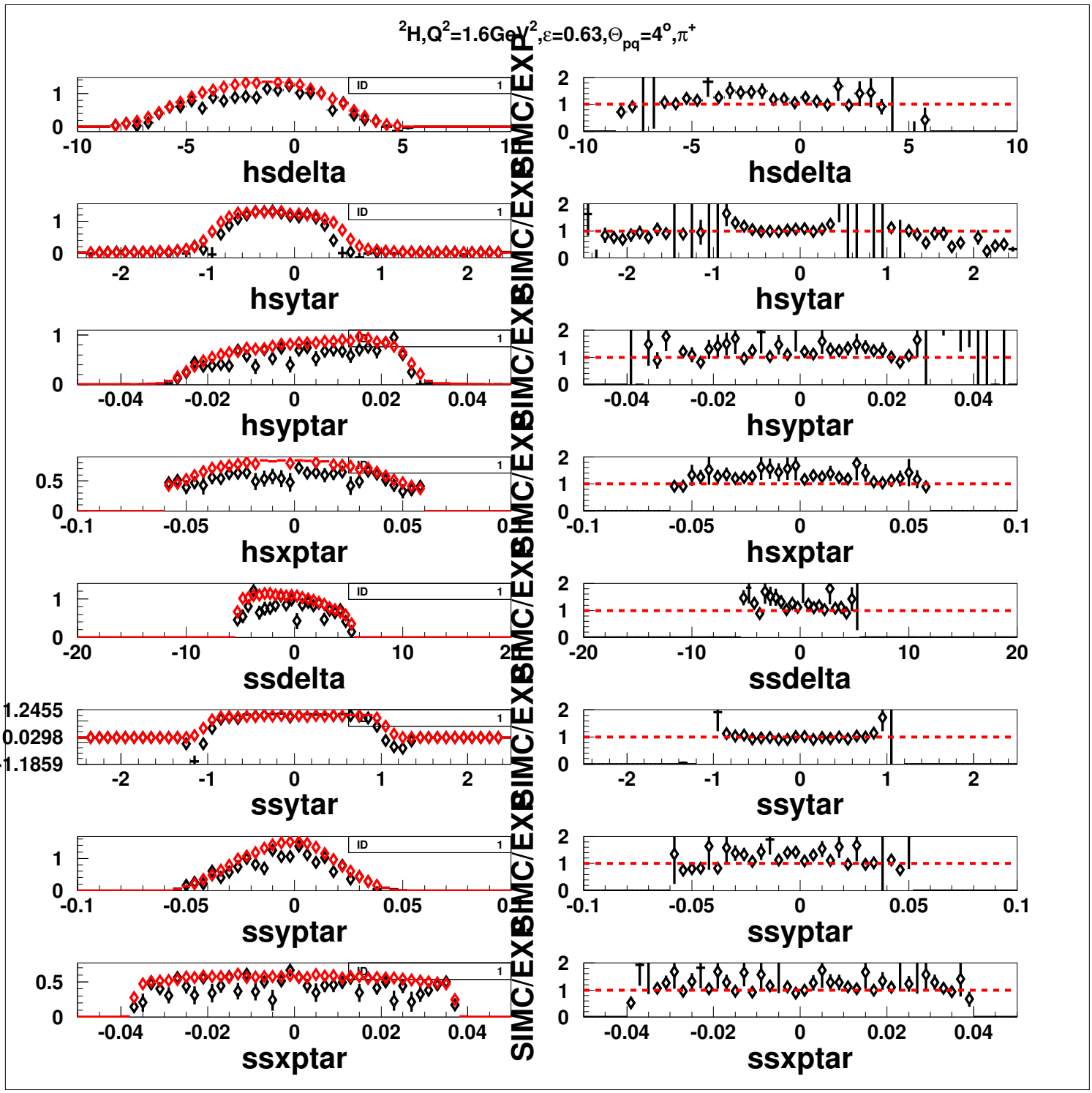









^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=4°,π$^+$
ID 1
SIMC/EXP
missmass
W
Q2
t
th_pq
phi_pq


^{2}H,Q^2=1.6GeV^2,ε=0.63,Θ$_{pq}$=4^o,π$^+$
SIMC/EXP
hsdelta
hsytar
hsyptar
hsxptar
ssdelta
ssytar
ssyptar
ssxptar
ID 1