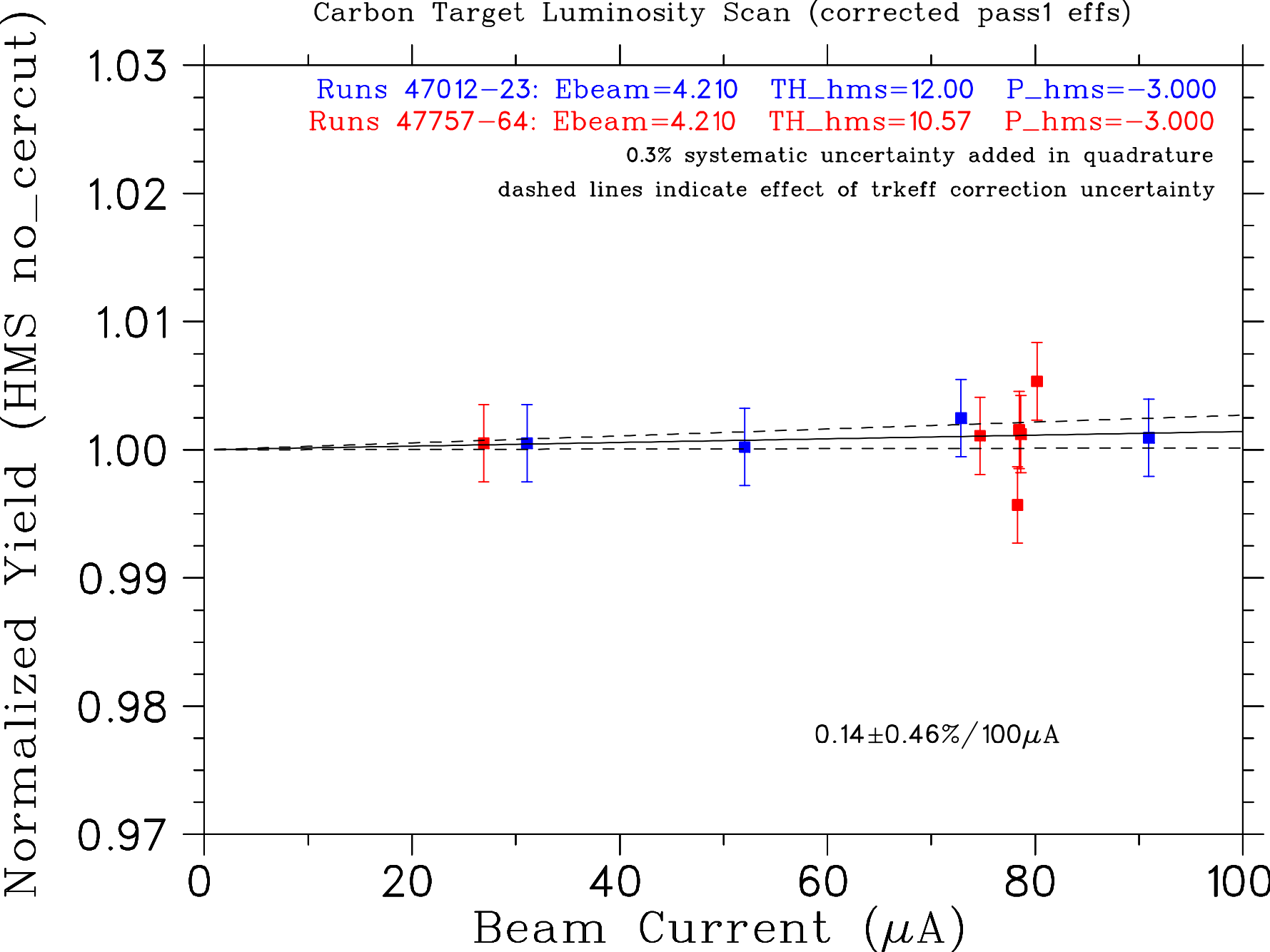
Carbon Target Luminosity Scan (corrected pass1 effs)
Runs 47012−23: Ebeam=4.210 TH_hms=12.00 P_hms=−3.000
Runs 47757−64: Ebeam=4.210 TH_hms=10.57 P_hms=−3.000
0.3% systematic uncertainty added in quadrature
dashed lines indicate effect of trkeff correction uncertainty
0.14±0.46%/100μA
Normalized Yield (HMS no_cercut)
Beam Current (μA)
1.03
1.02
1.01
1.00
0.99
0.98
0.97
0
20
40
60
80
100