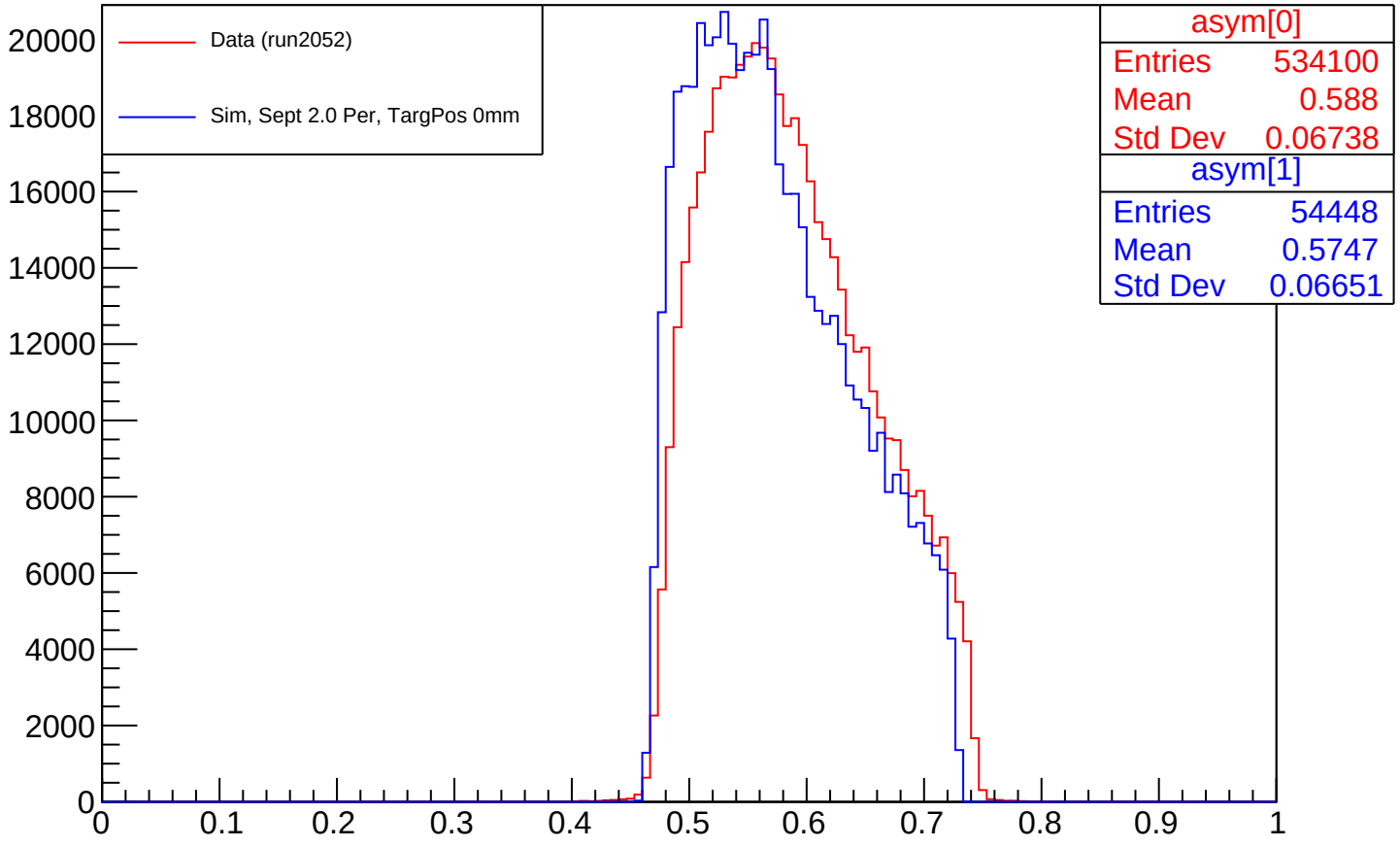
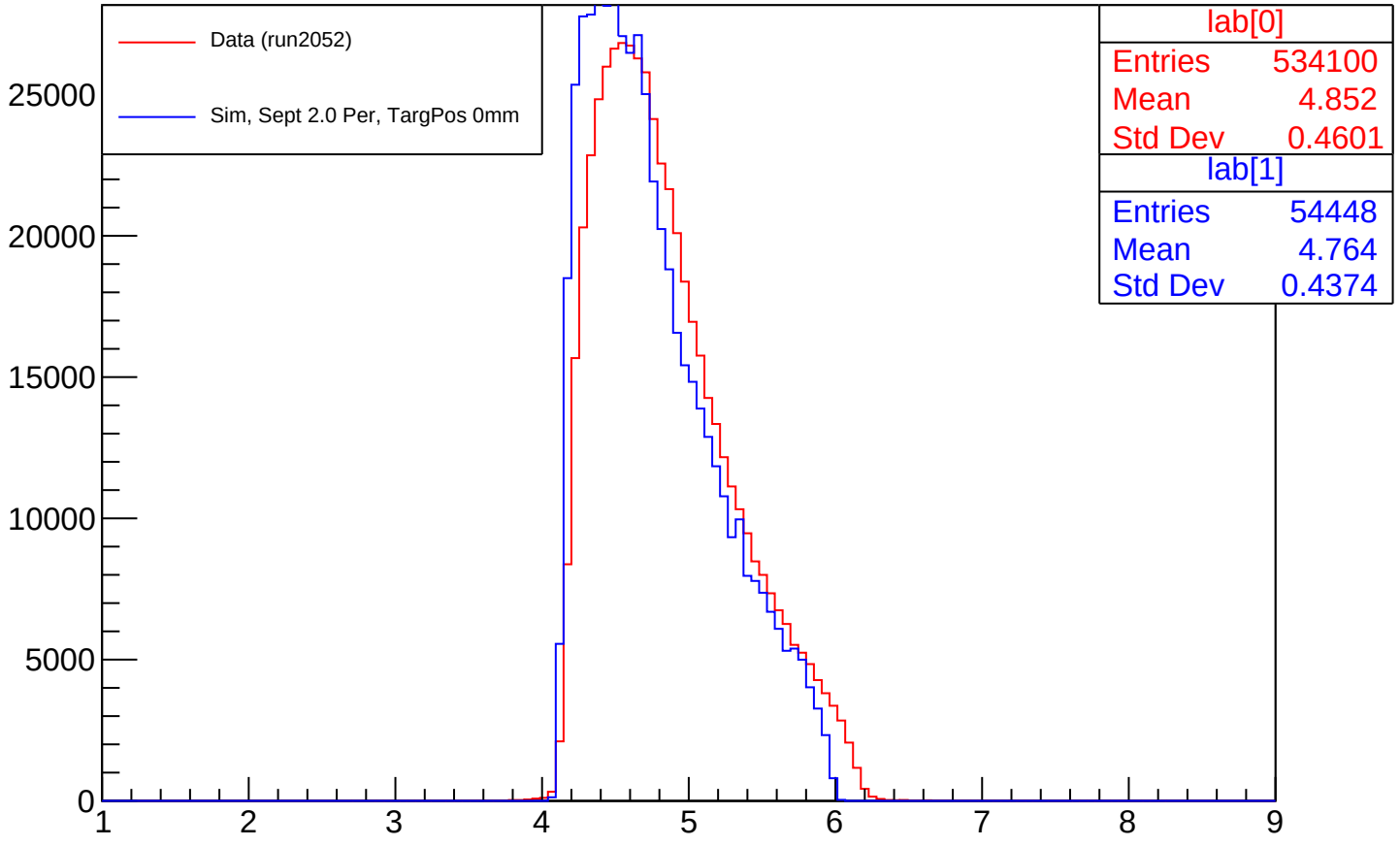
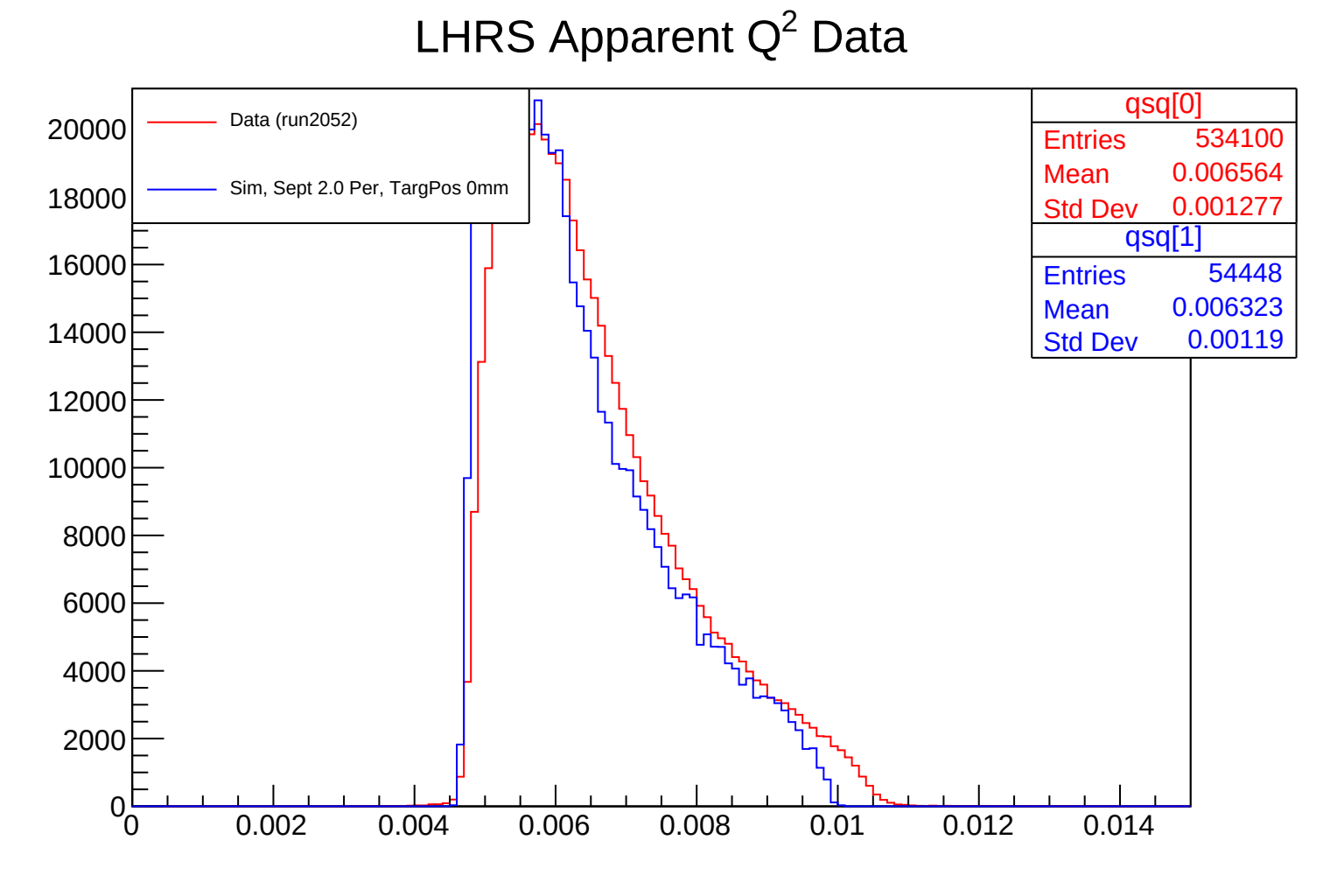
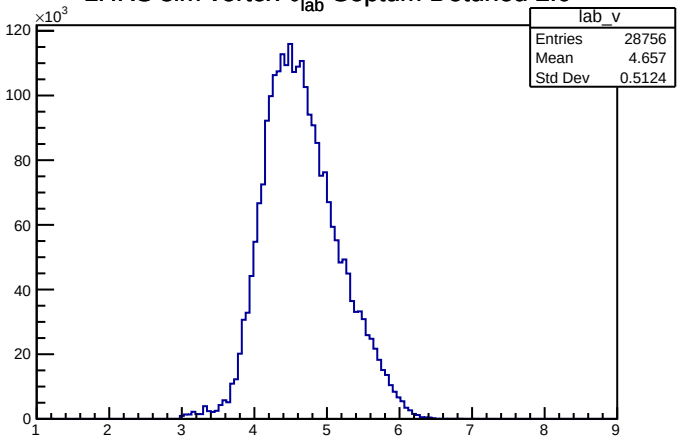
LHRS Apparent Asymmetry Data

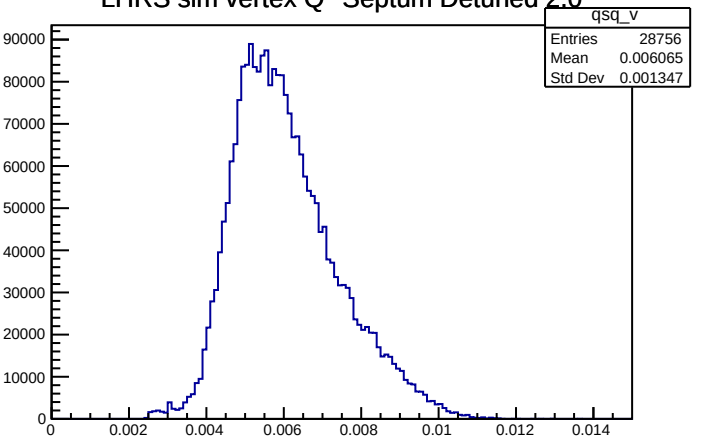


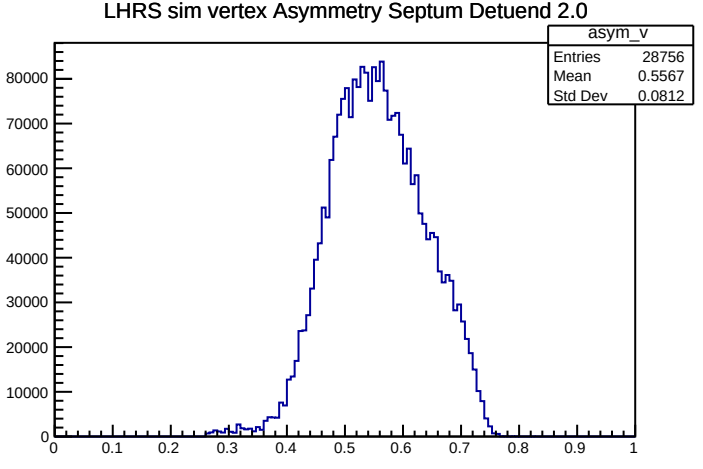
LHRS Apparent θ_{lab} Data




LHRS Apparent Q^2 Data
Data (run2052)
Sim, Sept 2.0 Per, TargPos 0mm
qsq[0]
Entries 534100
Mean 0.006564
Std Dev 0.001277
qsq[1]
Entries 54448
Mean 0.006323
Std Dev 0.00119
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014


LHRS sim vertex θlab Septum Detuned 2.0
×10^3
lab_v
Entries 28756
Mean 4.657
Std Dev 0.5124
120
100
80
60
40
20
0
1
2
3
4
5
6
7
8
9


LHRS sim vertex Q2 Septum Detuned 2.0
qsq_v
Entries 28756
Mean 0.006065
Std Dev 0.001347
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014


LHRS sim vertex Asymmetry Septum Detuend 2.0
asym_v
Entries 28756
Mean 0.5567
Std Dev 0.0812
80000
70000
60000
50000
40000
30000
20000
10000
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1