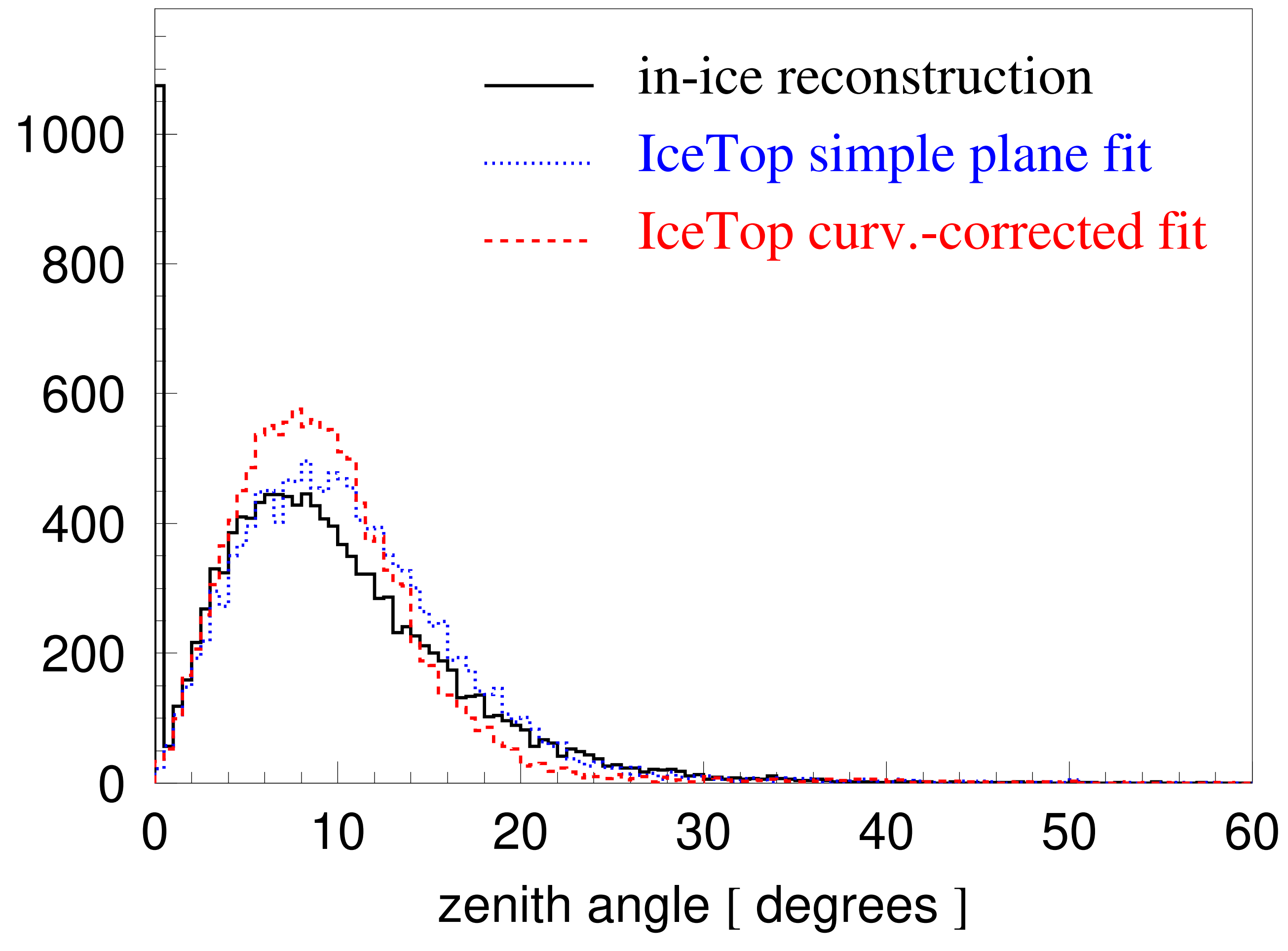
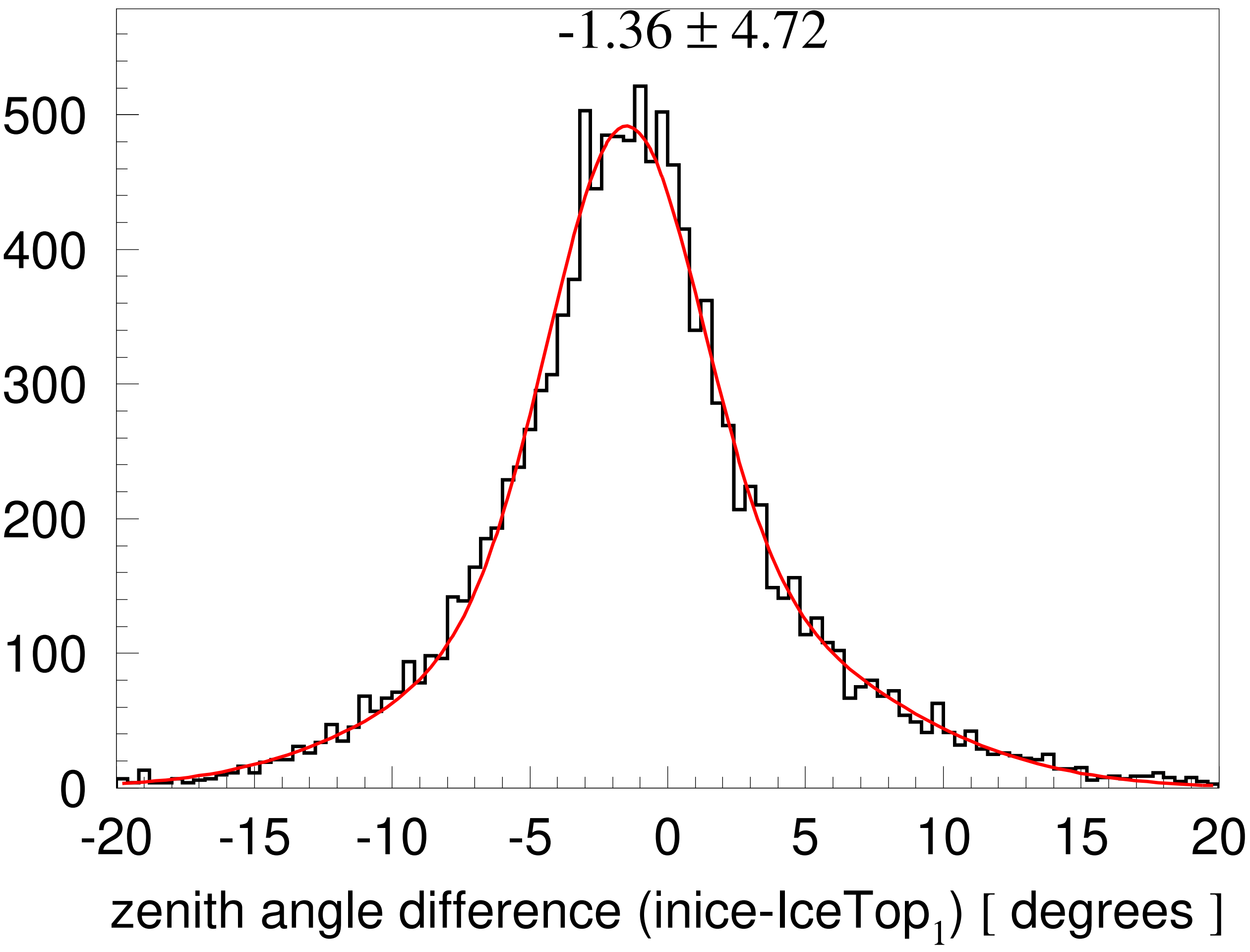
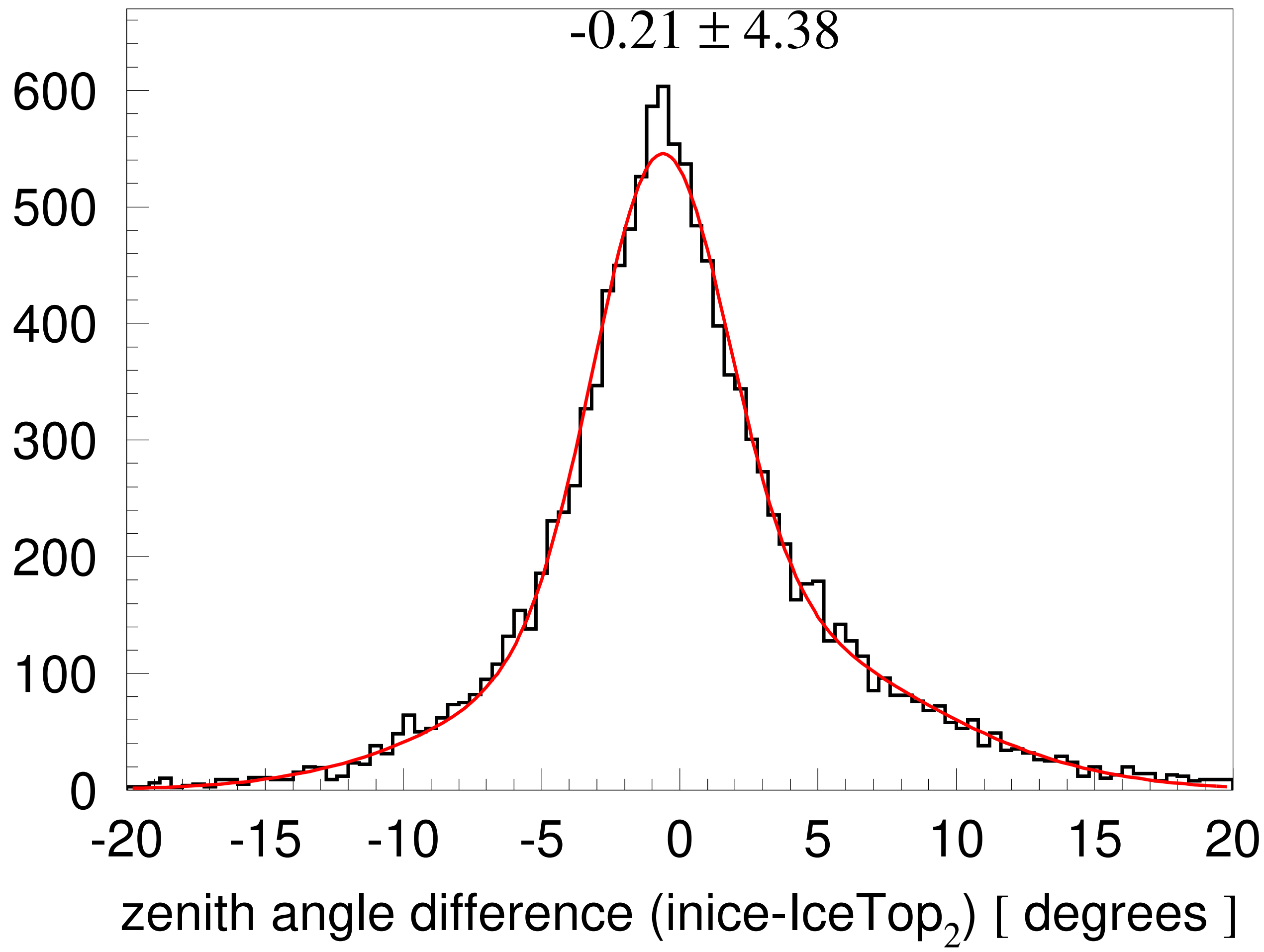
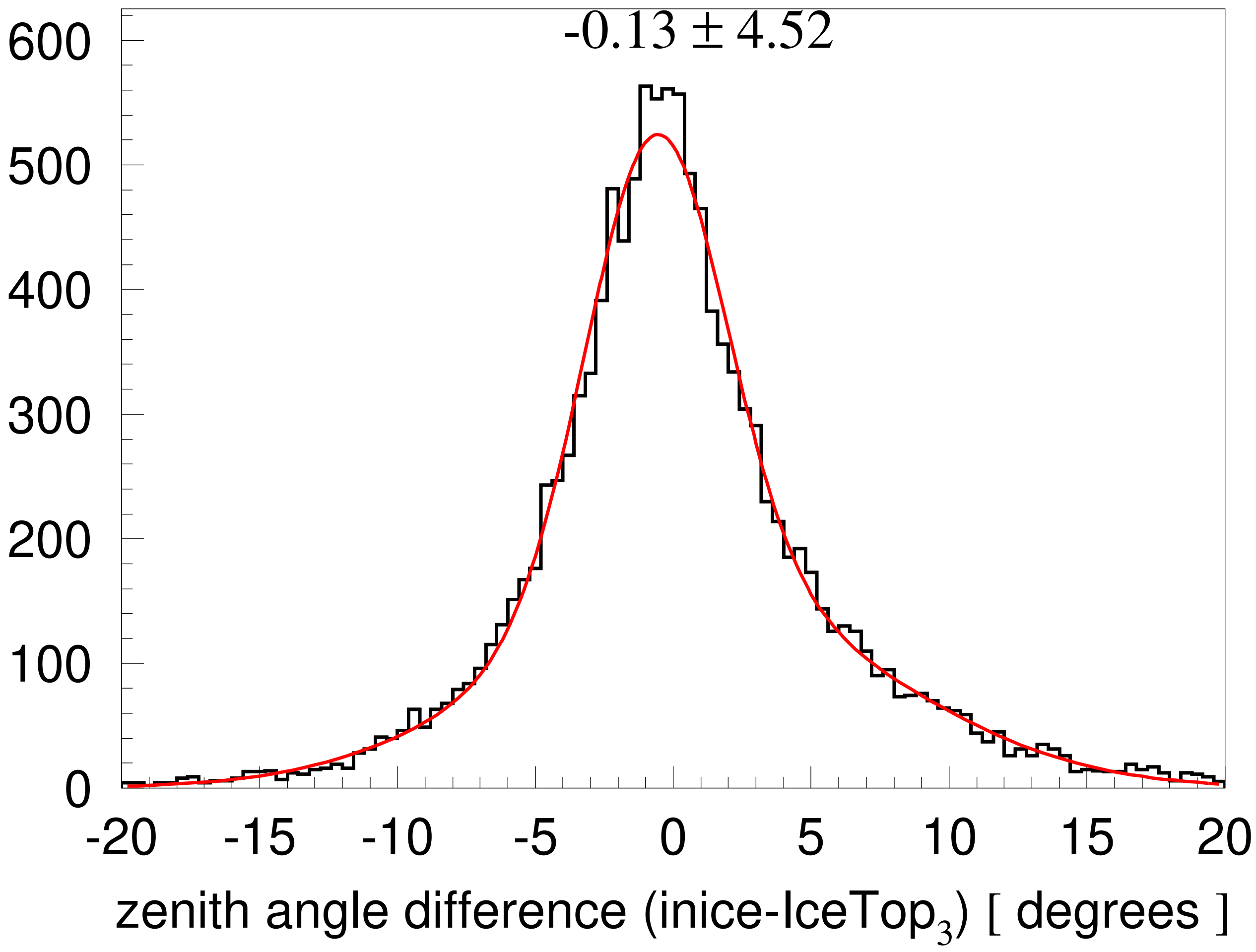


in-ice reconstruction
IceTop simple plane fit
IceTop curv.-corrected fit
1000
800
600
400
200
0
0
10
20
30
40
50
60
zenith angle [degrees]


-1.36 ± 4.72
500
400
300
200
100
0
-20
-15
-10
-5
0
5
10
15
20
zenith angle difference (inice-IceTop$_1$) [degrees]


-0.21 ± 4.38
0
100
200
300
400
500
600
-20
-15
-10
-5
0
5
10
15
20
zenith angle difference (inice-IceTop$_2$) [degrees]



-0.13 ± 4.52
600
500
400
300
200
100
0
-20
-15
-10
-5
0
5
10
15
20
zenith angle difference (inice-IceTop3) [degrees]