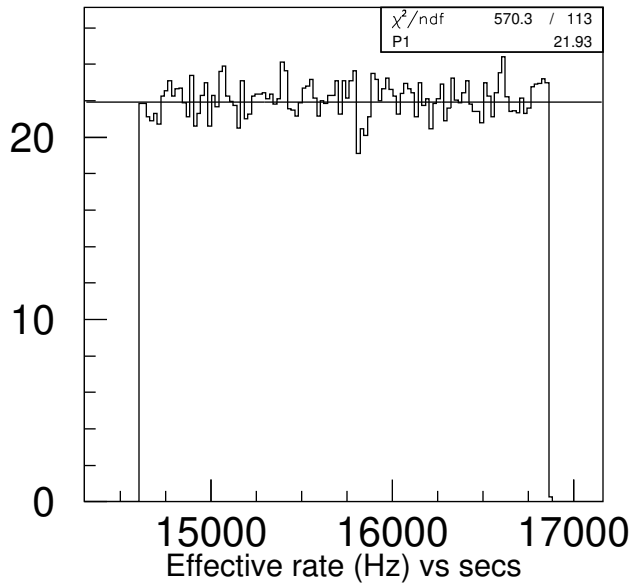
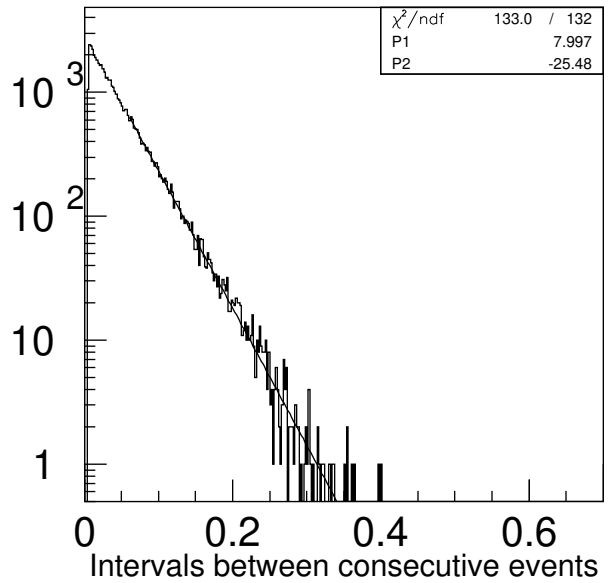
:0/02/16 13.21

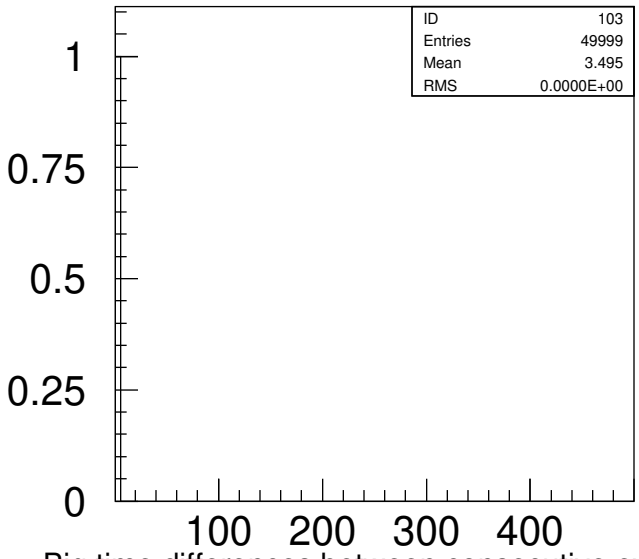
# Prod 8545.1



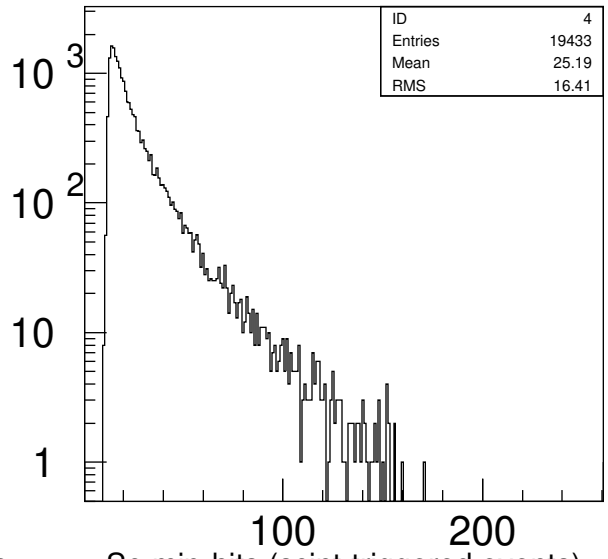
Effective rate (Hz) vs secs



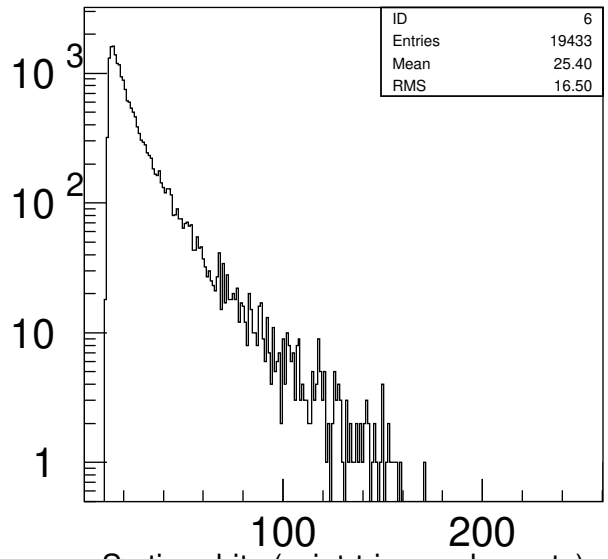
Intervals between consecutive events



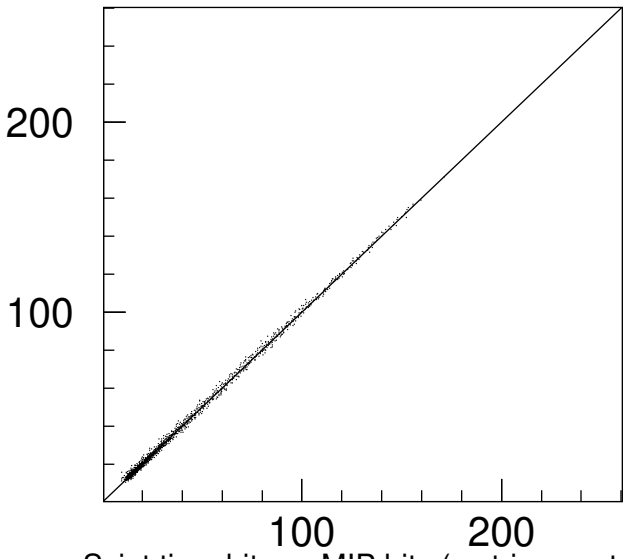
Big time differences between consecutive events



Sc-mip-hits (scint-triggered events)



Sc-time-hits (scint-triggered events)



Scint time hits vs MIP hits (sc-trig events)

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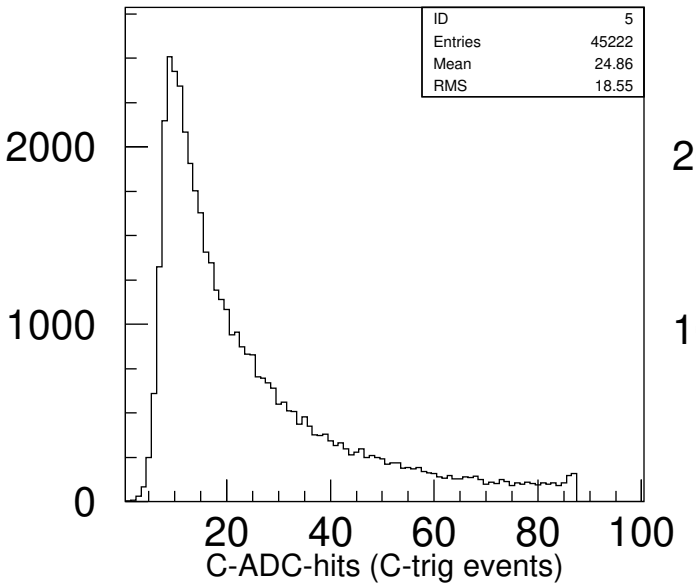
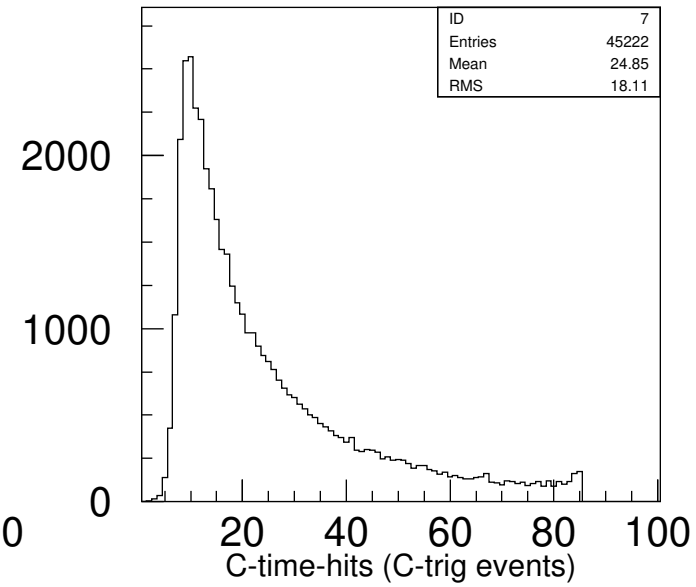
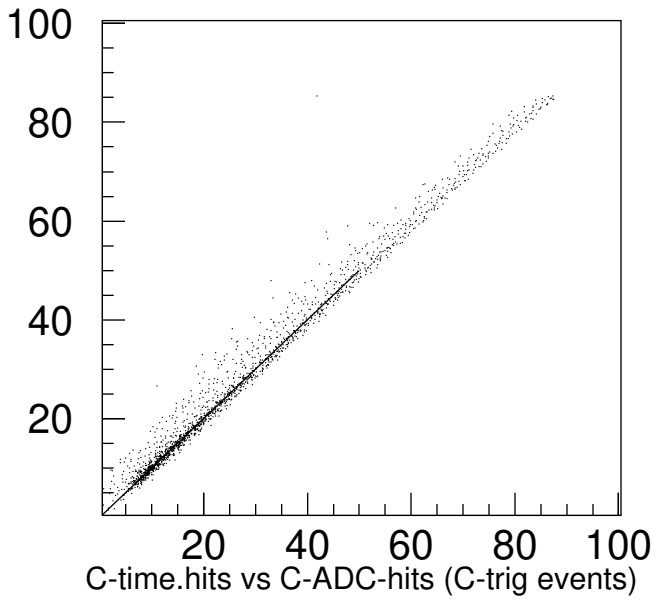
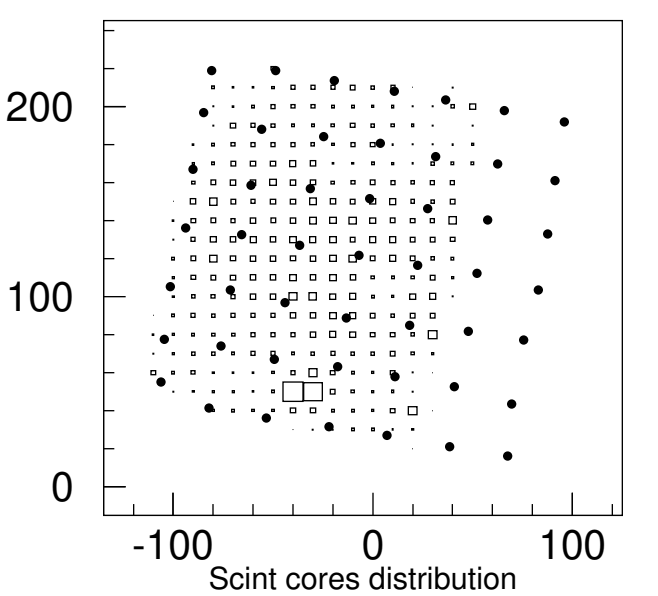
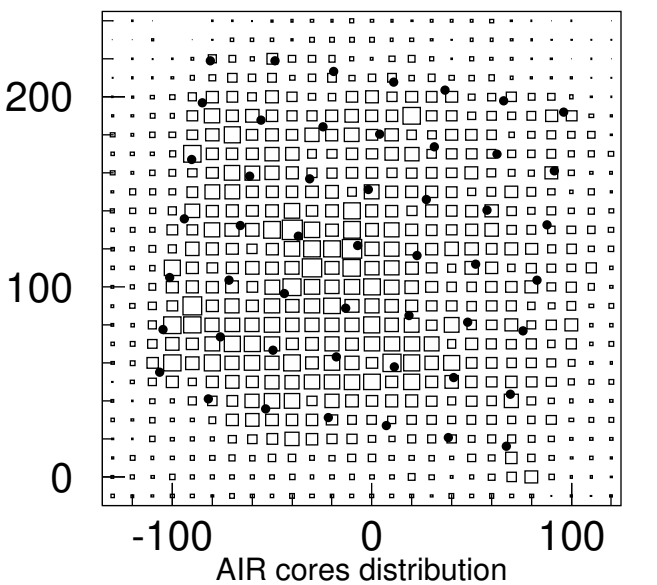
# Prod 8545.1

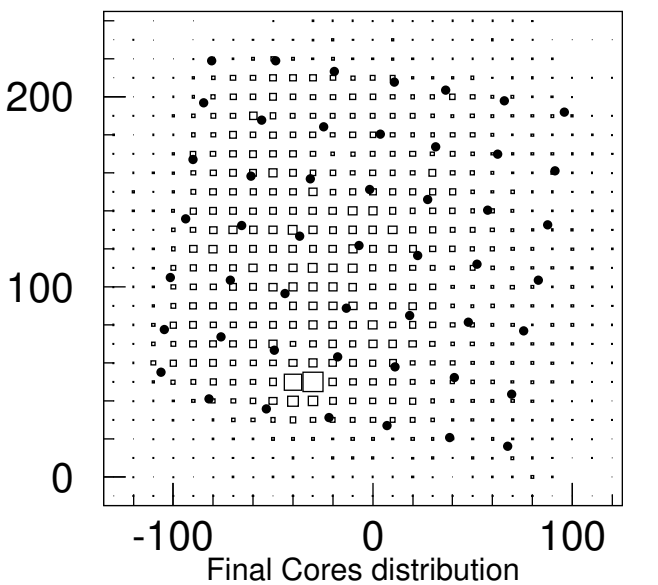


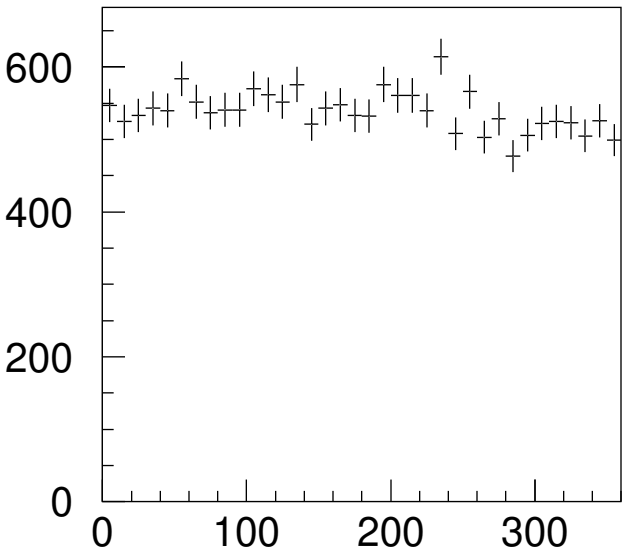



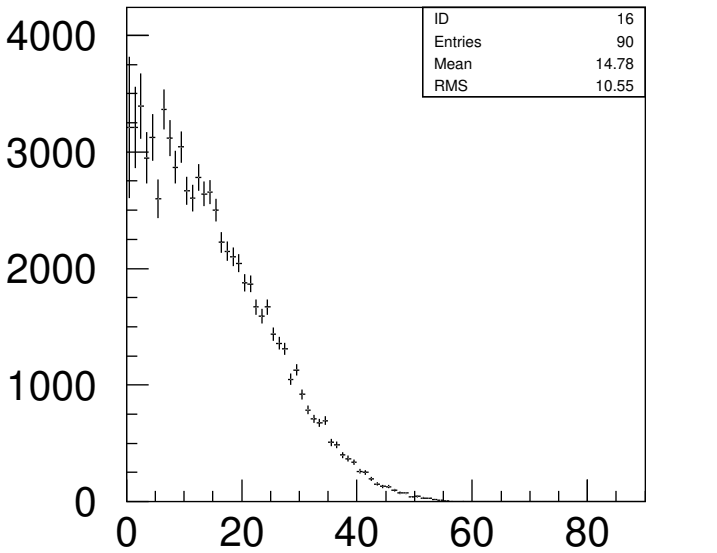



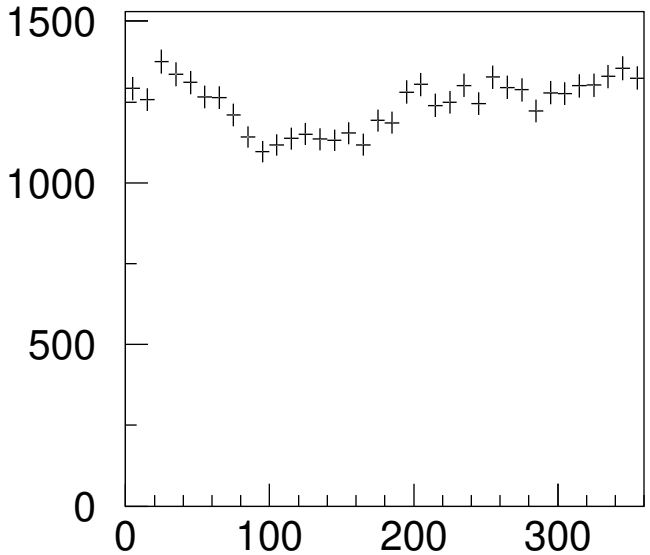



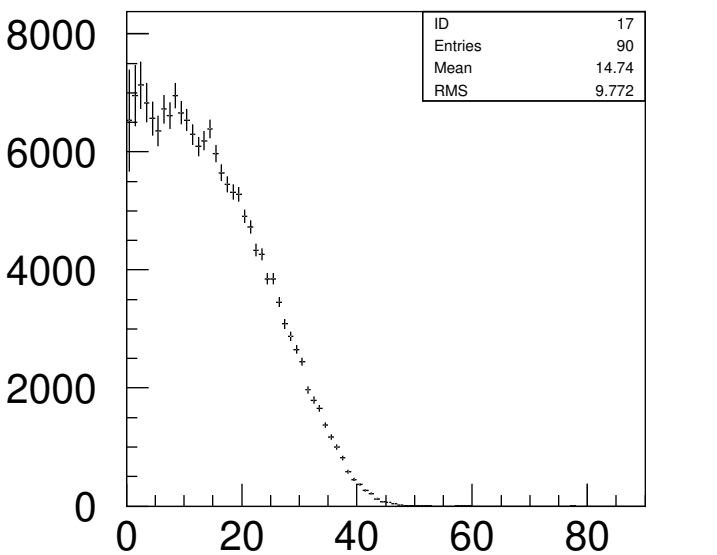



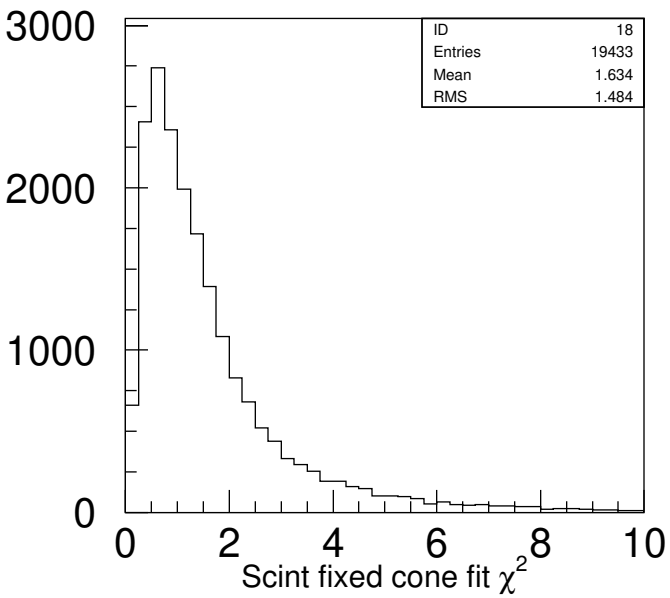
# Prod 8545.1

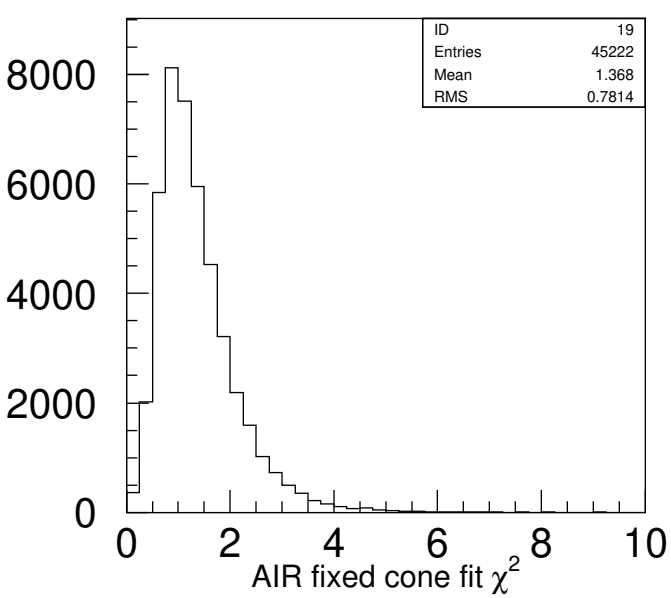

600
400
200
0
0
100
200
300
Scint. fixed cone Phi angle (from S, clockwise)


ID 16
Entries 90
Mean 14.78
RMS 10.55
4000
3000
2000
1000
0
0
20
40
60
80
Events/sinΘ vs Θ (Scint fixed cone Zenith angle)


1500
1000
500
0
0
100
200
300
AIR fixed cone Phi angle (from S, clockwise)


ID 17
Entries 90
Mean 14.74
RMS 9.772
8000
6000
4000
2000
0
0
20
40
60
80
Evts/sinΘ vs Θ (AIR fixed cone Zenith angle)


ID 18
Entries 19433
Mean 1.634
RMS 1.484
3000
2000
1000
0
0
2
4
6
8
10
Scint fixed cone fit χ2


ID 19
Entries 45222
Mean 1.368
RMS 0.7814
8000
6000
4000
2000
0
0
2
4
6
8
10
AIR fixed cone fit χ2

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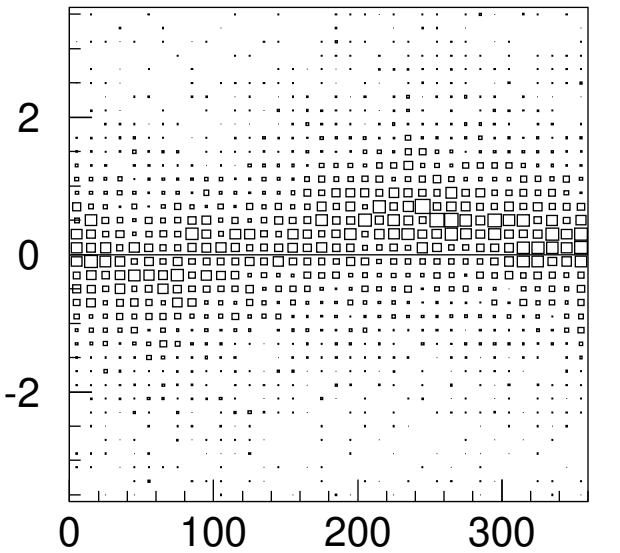
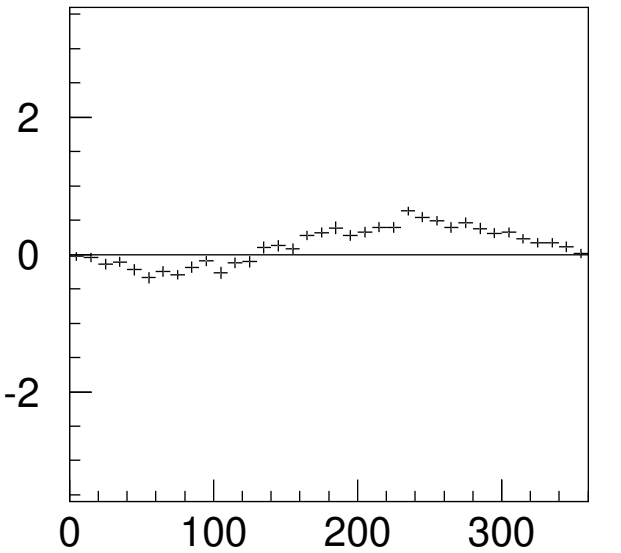
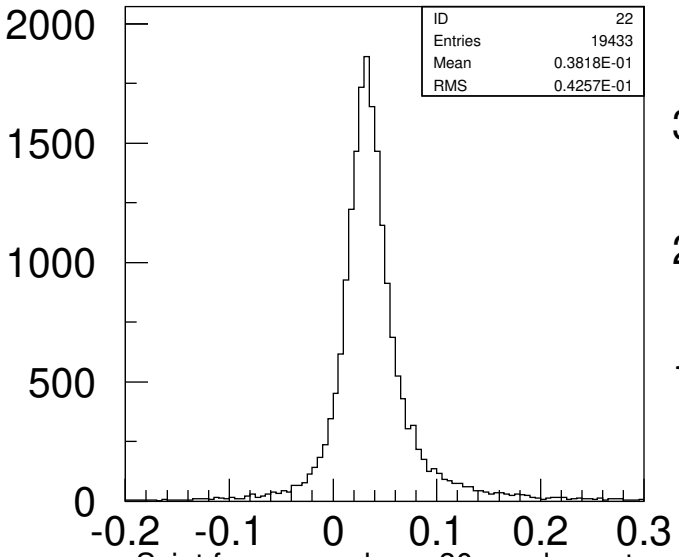
# Prod 8545.1



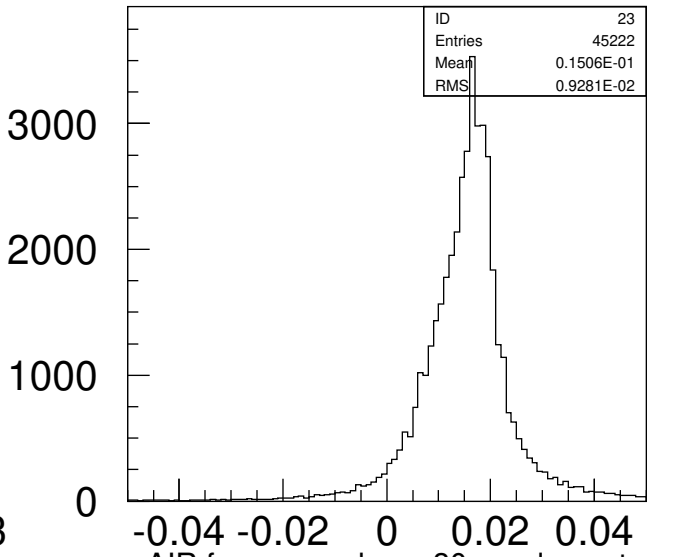

Θ(AIR)-Θ(Scint) vs Φ (AIR), 30 m edge cut



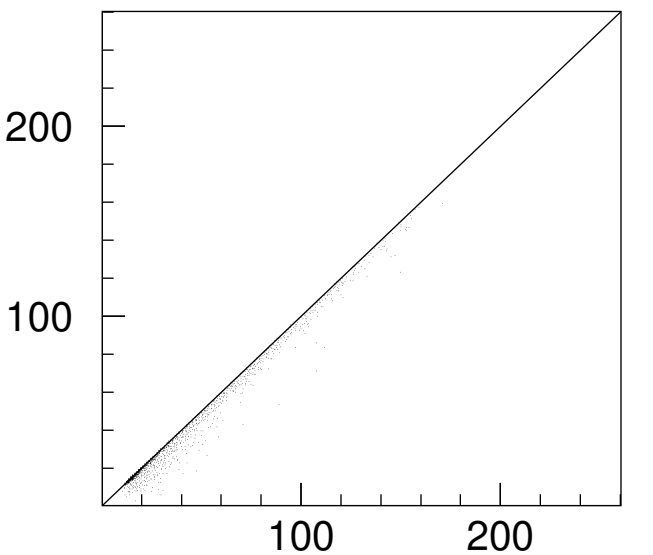

Θ(AIR)-Θ(Scint) vs Φ (AIR), 30 m edge cut



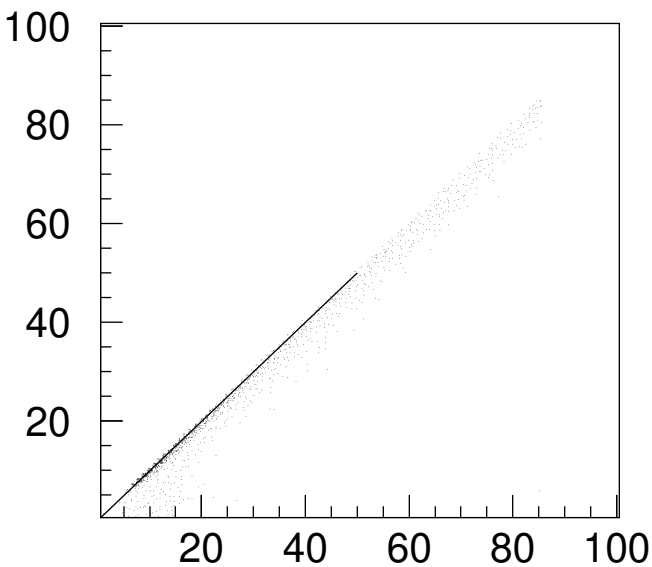

Scint free cone slope, 30 m edge cut




AIR free cone slope, 30 m edge cut

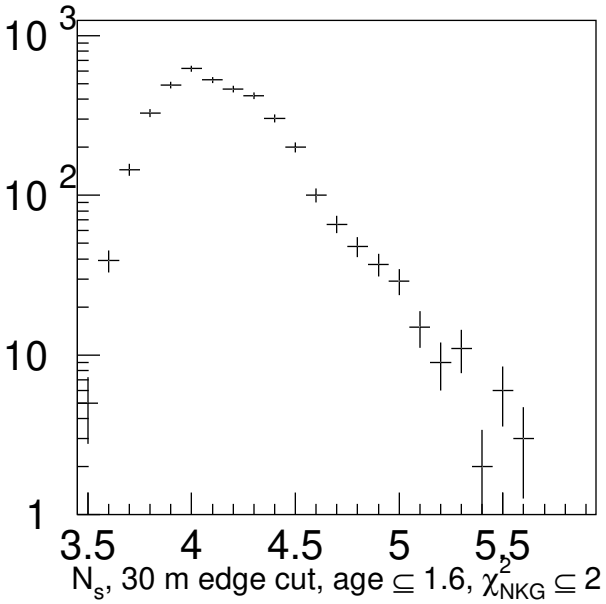


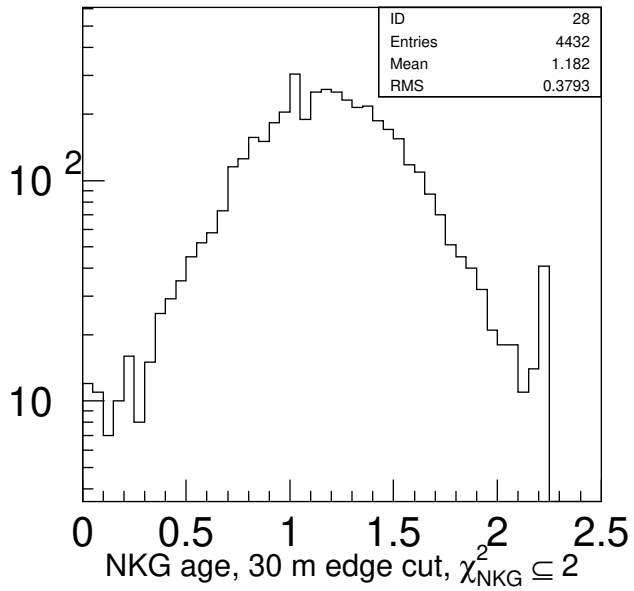

Sc. huts left after fits vs start.number of t-hits

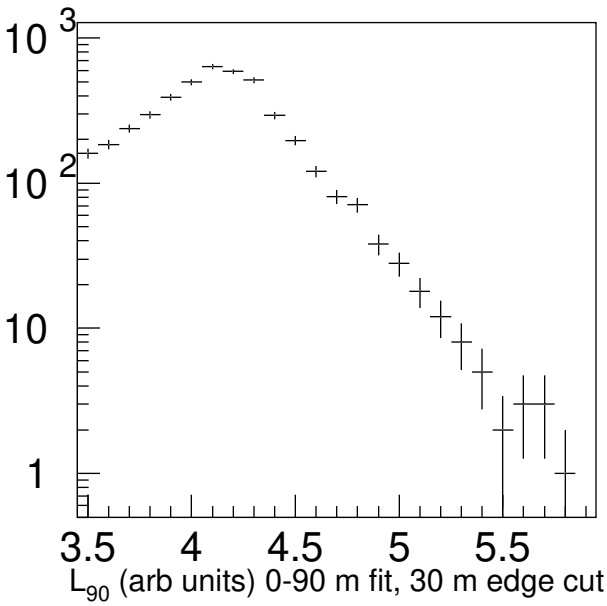


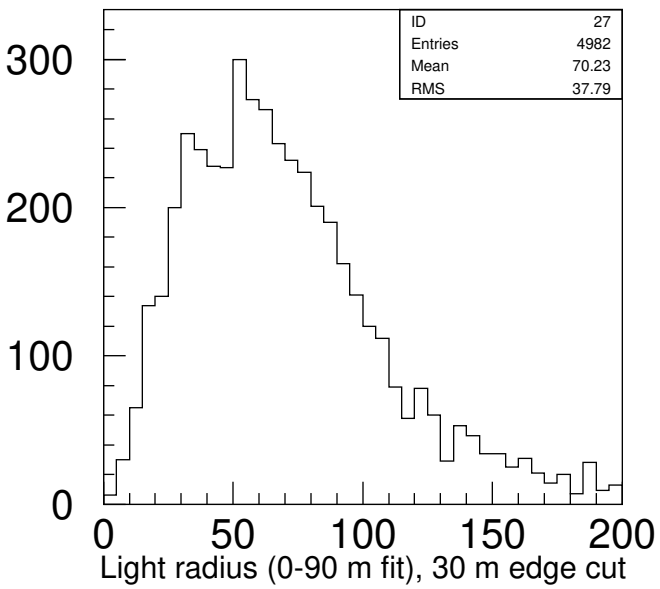

AIR. huts left after fits vs start.number of t-hits

# Prod 8545.1


$10^3$
$10^2$
10
1
3.5 4 4.5 5 5.5
$N_s$, 30 m edge cut, age ⊆ 1.6, $\chi^2_{NKG}$ ⊆ 2


ID 28
Entries 4432
Mean 1.182
RMS 0.3793
$10^2$
10
0 0.5 1 1.5 2 2.5
NKG age, 30 m edge cut, $\chi^2_{NKG}$ ⊆ 2


$10^3$
$10^2$
10
1
3.5 4 4.5 5 5.5
$L_{90}$ (arb units) 0-90 m fit, 30 m edge cut


ID 27
Entries 4982
Mean 70.23
RMS 37.79
300
200
100
0
0 50 100 150 200
Light radius (0-90 m fit), 30 m edge cut