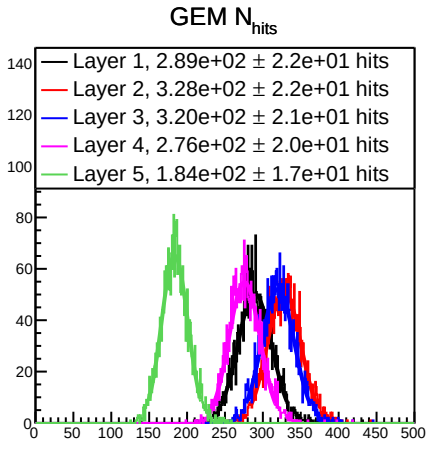
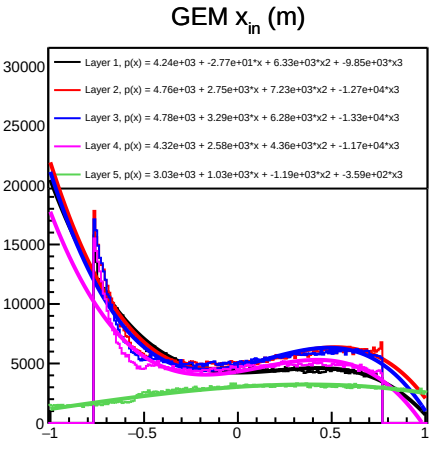
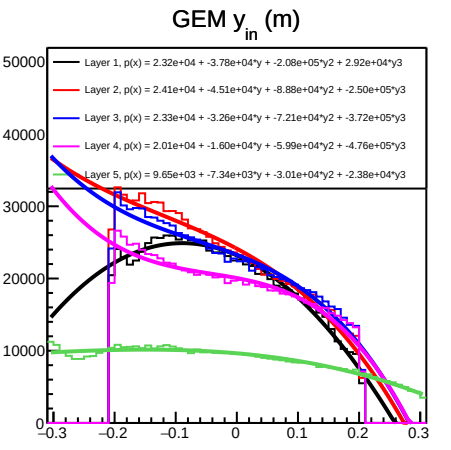
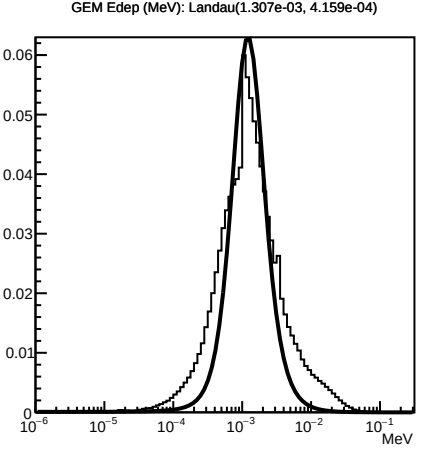
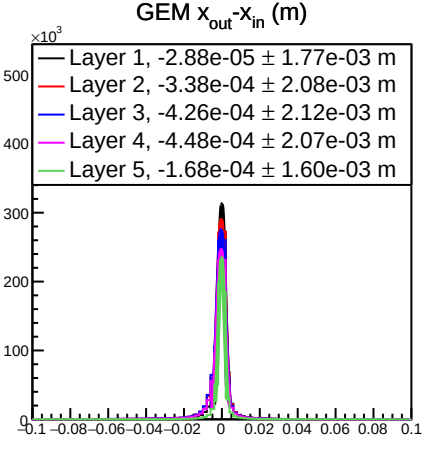
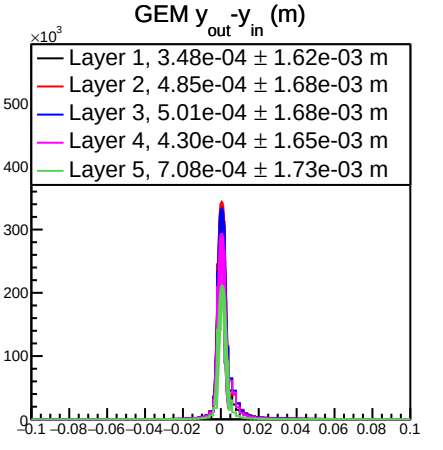

GEM N_hits
Layer 1, 2.89e+02 ± 2.2e+01 hits
Layer 2, 3.28e+02 ± 2.2e+01 hits
Layer 3, 3.20e+02 ± 2.1e+01 hits
Layer 4, 2.76e+02 ± 2.0e+01 hits
Layer 5, 1.84e+02 ± 1.7e+01 hits

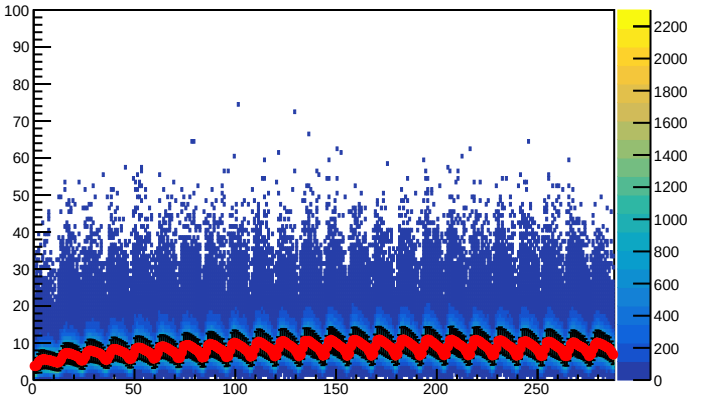

GEM x_in (m)
Layer 1, p(x) = 4.24e+03 + -2.77e+01*x + 6.33e+03*x2 + -9.85e+03*x3
Layer 2, p(x) = 4.76e+03 + 2.75e+03*x + 7.23e+03*x2 + -1.27e+04*x3
Layer 3, p(x) = 4.78e+03 + 3.29e+03*x + 6.28e+03*x2 + -1.33e+04*x3
Layer 4, p(x) = 4.32e+03 + 2.58e+03*x + 4.36e+03*x2 + -1.17e+04*x3
Layer 5, p(x) = 3.03e+03 + 1.03e+03*x + -1.19e+03*x2 + -3.59e+02*x3

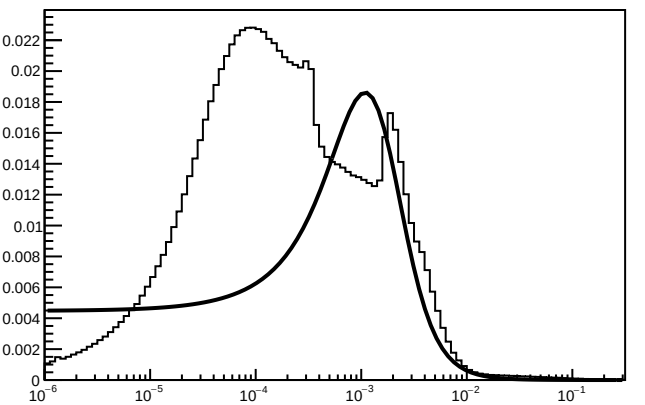

GEM y_in (m)
Layer 1, p(x) = 2.32e+04 + -3.78e+04*y + -2.08e+05*y2 + 2.92e+04*y3
Layer 2, p(x) = 2.41e+04 + -4.51e+04*y + -8.88e+04*y2 + -2.50e+05*y3
Layer 3, p(x) = 2.33e+04 + -3.26e+04*y + -7.21e+04*y2 + -3.72e+05*y3
Layer 4, p(x) = 2.01e+04 + -1.60e+04*y + -5.99e+04*y2 + -4.76e+05*y3
Layer 5, p(x) = 9.65e+03 + -7.34e+03*y + -3.01e+04*y2 + -2.38e+04*y3

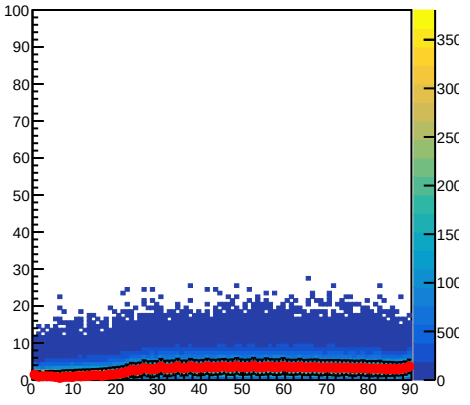

GEM Edep (MeV): Landau(1.307e-03, 4.159e-04)
MeV

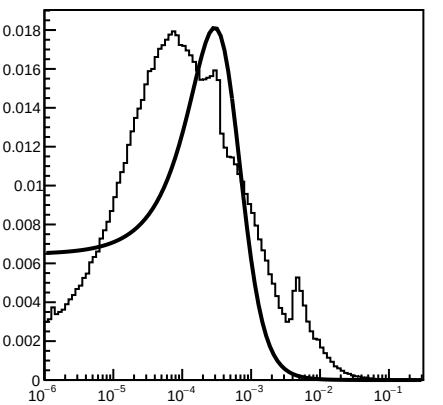

GEM x_out-x_in (m)
Layer 1, -2.88e-05 ± 1.77e-03 m
Layer 2, -3.38e-04 ± 2.08e-03 m
Layer 3, -4.26e-04 ± 2.12e-03 m
Layer 4, -4.48e-04 ± 2.07e-03 m
Layer 5, -1.68e-04 ± 1.60e-03 m

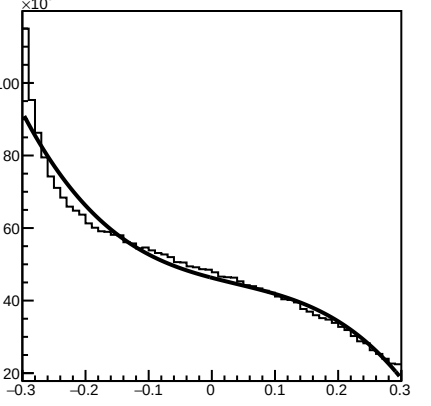

GEM y_out-y_in (m)
Layer 1, 3.48e-04 ± 1.62e-03 m
Layer 2, 4.85e-04 ± 1.68e-03 m
Layer 3, 5.01e-04 ± 1.68e-03 m
Layer 4, 4.30e-04 ± 1.65e-03 m
Layer 5, 7.08e-04 ± 1.73e-03 m

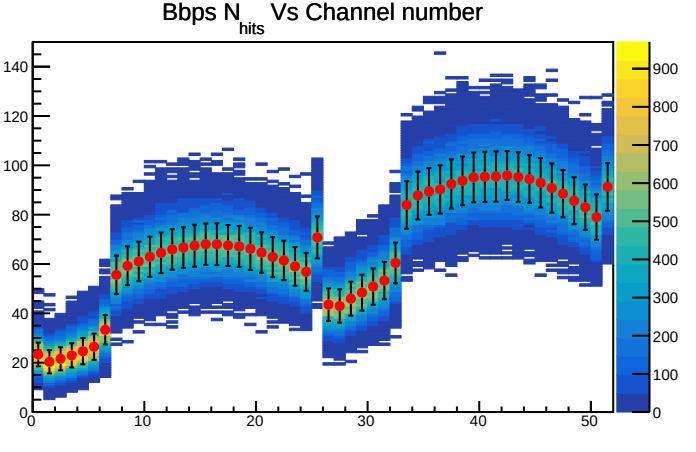

HCal N_{hits} Vs Channel number
0
10
20
30
40
50
60
70
80
90
100
0
50
100
150
200
250
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

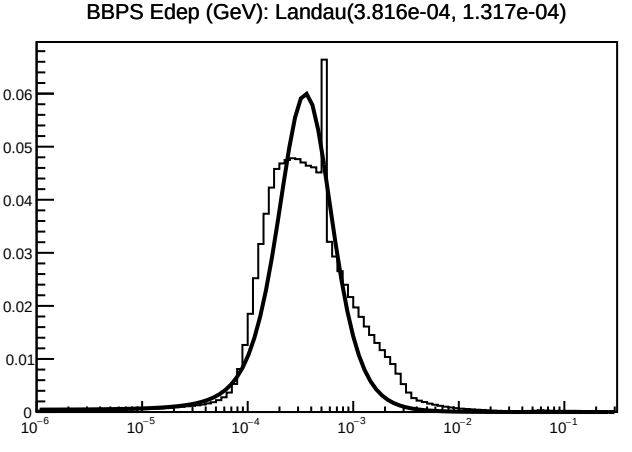

HCal Edep (GeV): Landau(1.225e-03, 6.108e-04)
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
0.016
0.018
0.02
0.022
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}

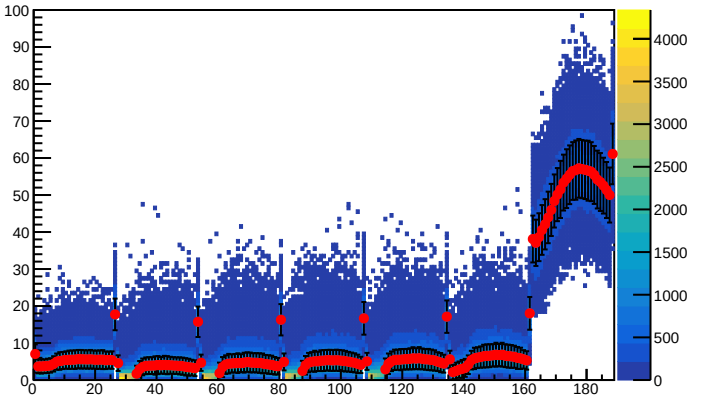

Bbhodo N_{hits} Vs Slat number

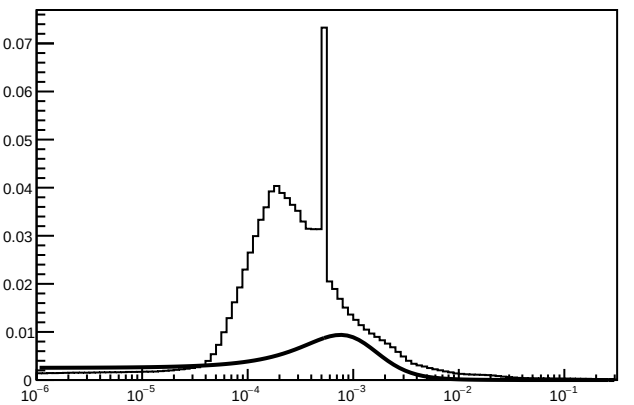

Bbhodo Edep (GeV): Landau(3.378e-04, 1.869e-04)

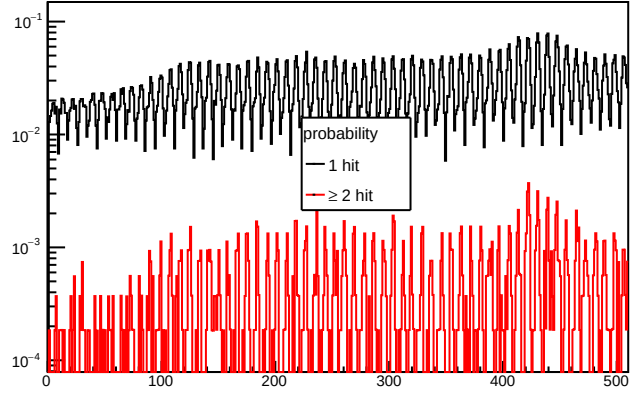

x_{slat} in slat: 4.629e+04 + -4.588e+04*x + 9.909e+04*x2 + -8.485e+05*x3

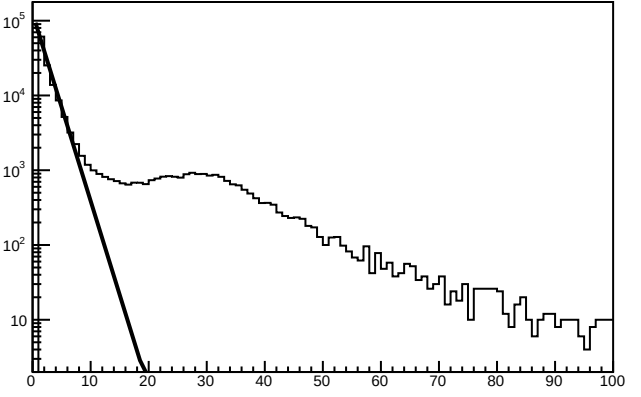

Bbps N hits Vs Channel number
0
10
20
30
40
50
0
20
40
60
80
100
120
140
0
100
200
300
400
500
600
700
800
900


BBPS Edep (GeV): Landau(3.816e-04, 1.317e-04)
0
0.01
0.02
0.03
0.04
0.05
0.06
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1


BBSH N_{hits} Vs Channel number
0
10
20
30
40
50
60
70
80
90
100
0
20
40
60
80
100
120
140
160
180
0
500
1000
1500
2000
2500
3000
3500
4000


BBSH Edep (GeV): Landau(8.555e-04, 4.381e-04)
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
10^{-1}


Grinch PMT hit probability vs PMT number
probability
1 hit
≥ 2 hit
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
100
200
300
400
500


Hit N_{pe}: exp(1.174e+01 + -5.776e-01*Npe)
10^5
10^4
10^3
10^2
10
0
10
20
30
40
50
60
70
80
90
100