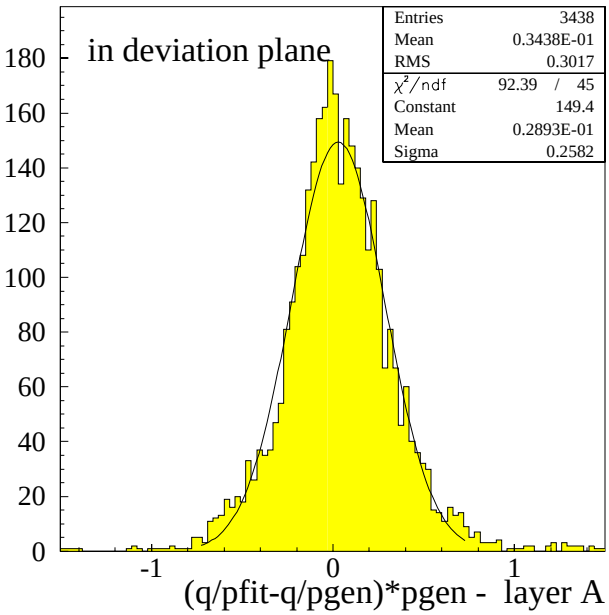
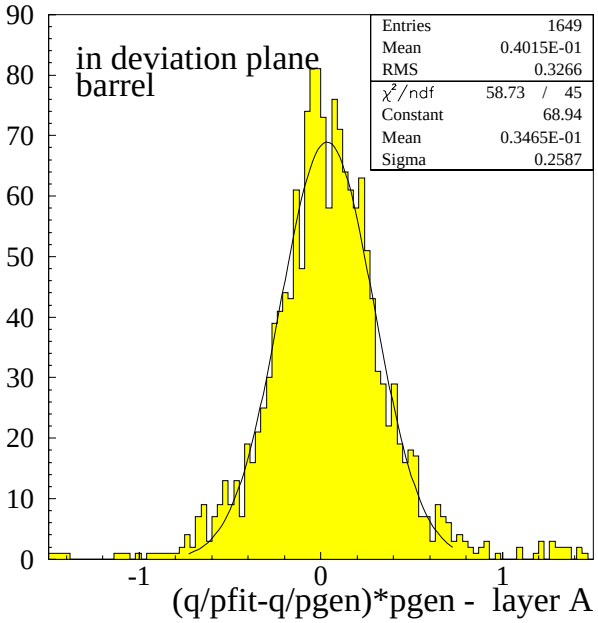
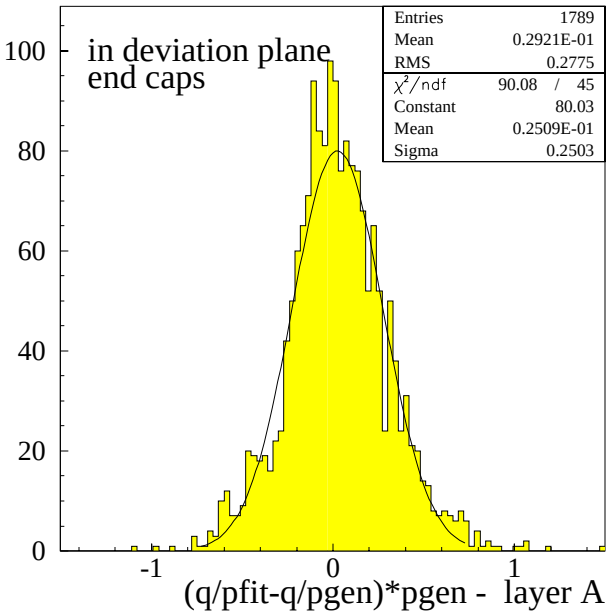
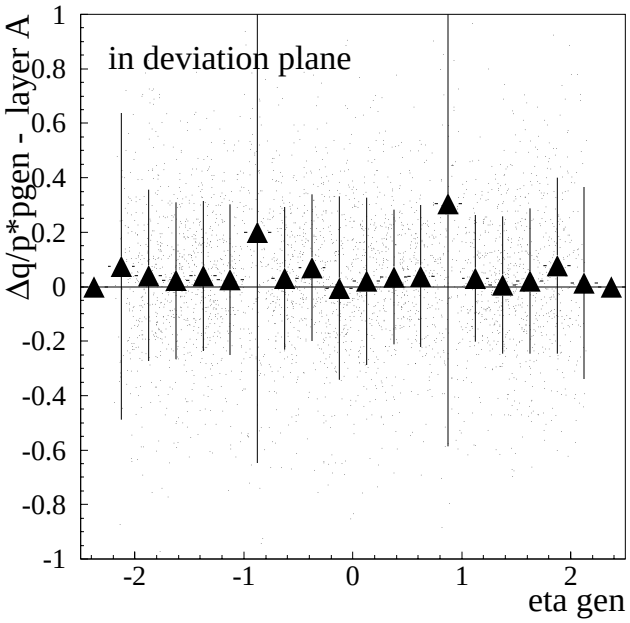
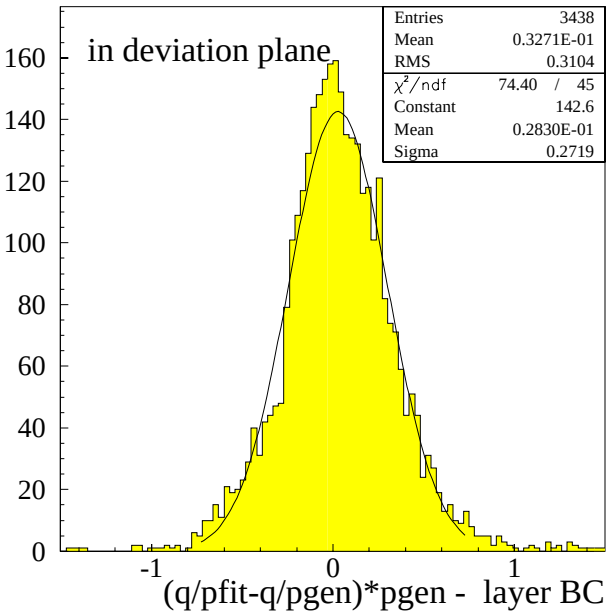
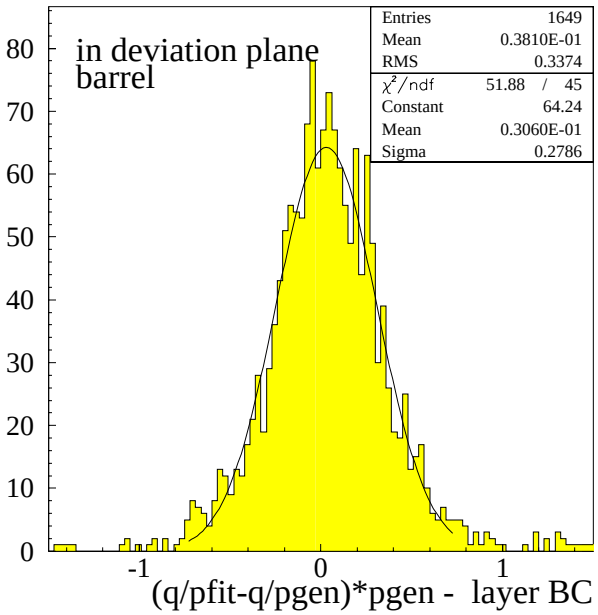

in deviation plane
Entries 3438
Mean 0.3438E-01
RMS 0.3017
χ²/ndf 92.39 / 45
Constant 149.4
Mean 0.2893E-01
Sigma 0.2582
(q/pfit-q/pgen)*pgen - layer A

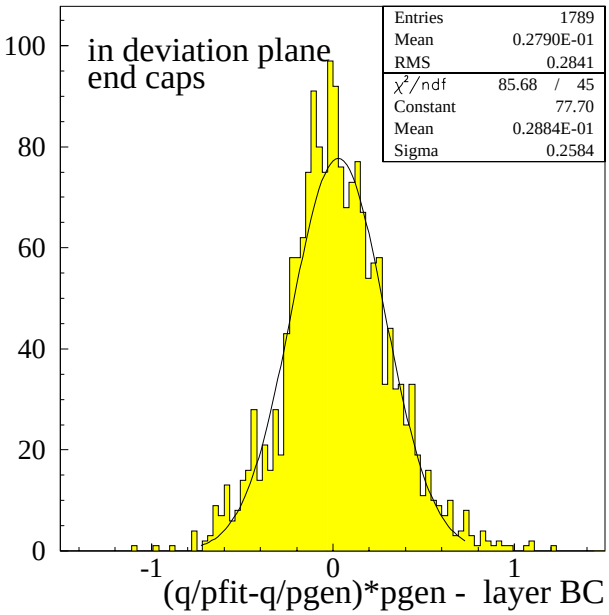

in deviation plane
barrel
Entries 1649
Mean 0.4015E-01
RMS 0.3266
χ²/ndf 58.73 / 45
Constant 68.94
Mean 0.3465E-01
Sigma 0.2587
(q/pfit-q/pgen)*pgen - layer A

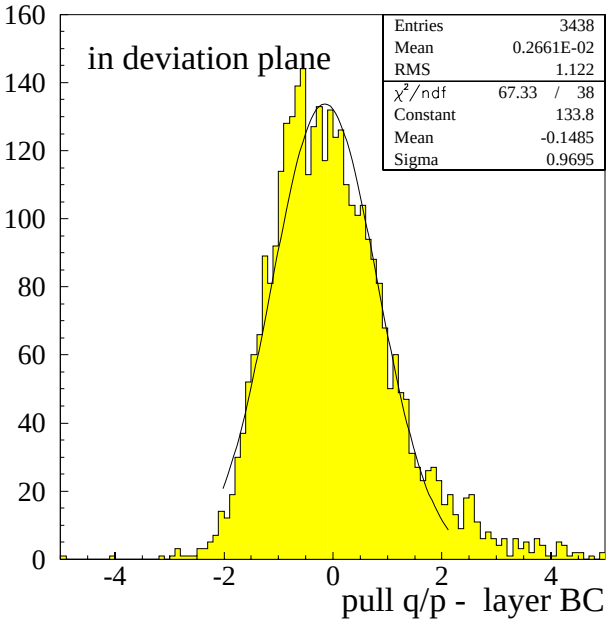

in deviation plane
end caps
Entries 1789
Mean 0.2921E-01
RMS 0.2775
χ²/ndf 90.08 / 45
Constant 80.03
Mean 0.2509E-01
Sigma 0.2503
(q/pfit-q/pgen)*pgen - layer A

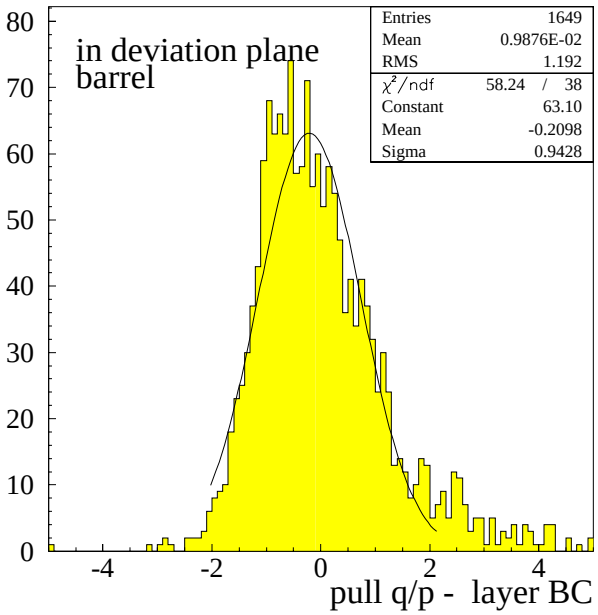

in deviation plane
Δq/p*pgen - layer A
eta gen

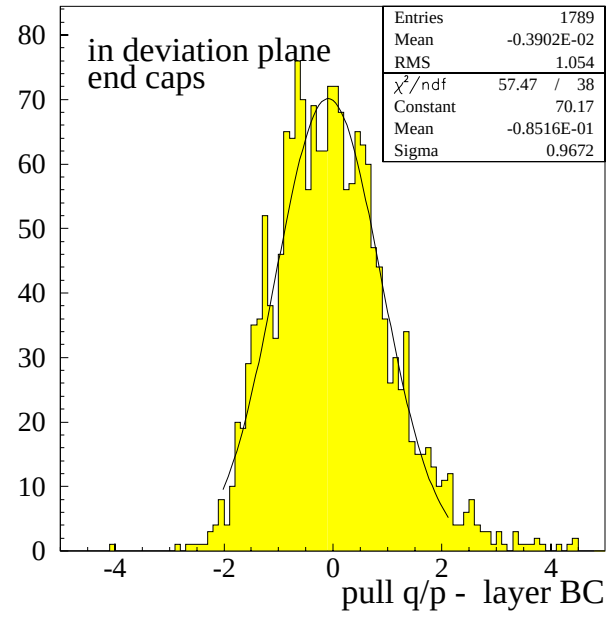

in deviation plane
Entries 3438
Mean 0.3271E-01
RMS 0.3104
χ²/ndf 74.40 / 45
Constant 142.6
Mean 0.2830E-01
Sigma 0.2719
(q/pfit-q/pgen)*pgen - layer BC

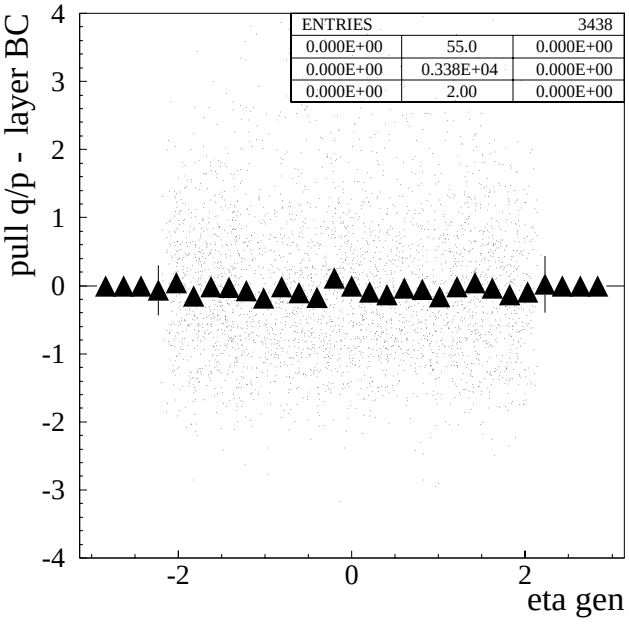

in deviation plane
barrel
Entries 1649
Mean 0.3810E-01
RMS 0.3374
χ²/ndf 51.88 / 45
Constant 64.24
Mean 0.3060E-01
Sigma 0.2786
(q/pfit-q/pgen)*pgen - layer BC

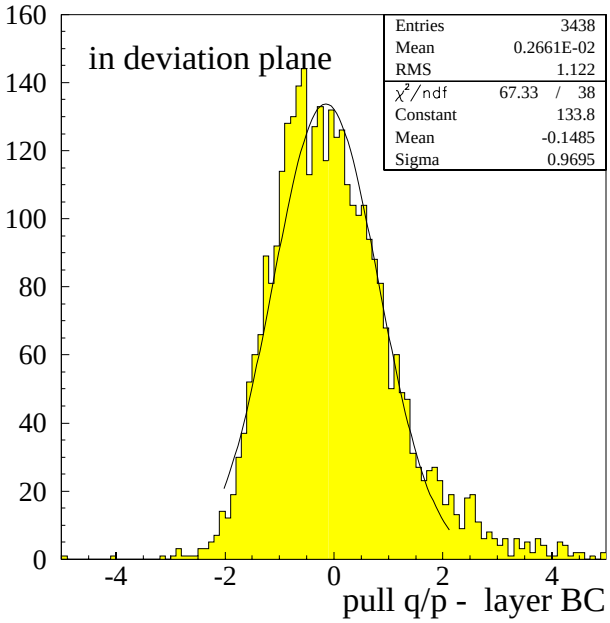

in deviation plane
end caps
Entries 1789
Mean 0.2790E-01
RMS 0.2841
χ²/ndf 85.68 / 45
Constant 77.70
Mean 0.2884E-01
Sigma 0.2584
(q/pfit-q/pgen)*pgen - layer BC

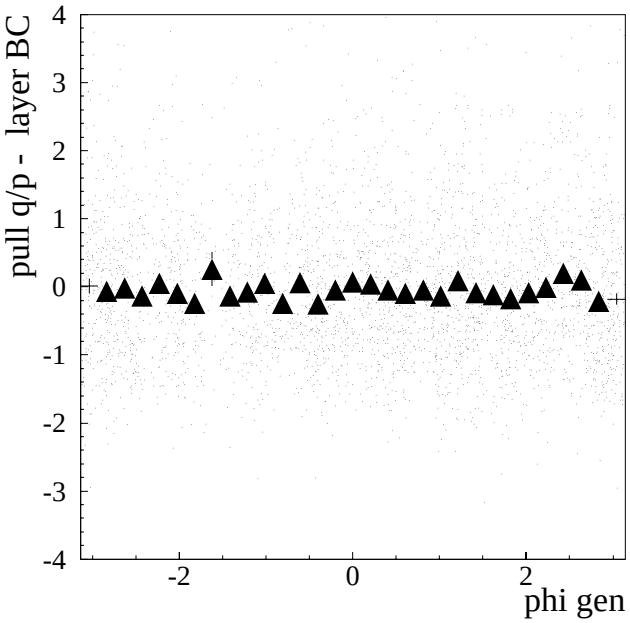

in deviation plane
Entries 3438
Mean 0.2661E-02
RMS 1.122
χ²/ndf 67.33 / 38
Constant 133.8
Mean -0.1485
Sigma 0.9695
pull q/p - layer BC

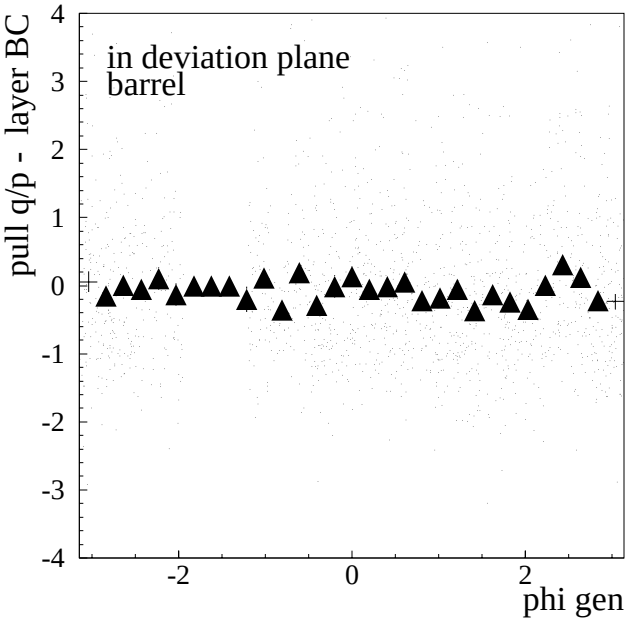

in deviation plane
barrel
Entries 1649
Mean 0.9876E-02
RMS 1.192
χ²/ndf 58.24 / 38
Constant 63.10
Mean -0.2098
Sigma 0.9428
pull q/p - layer BC

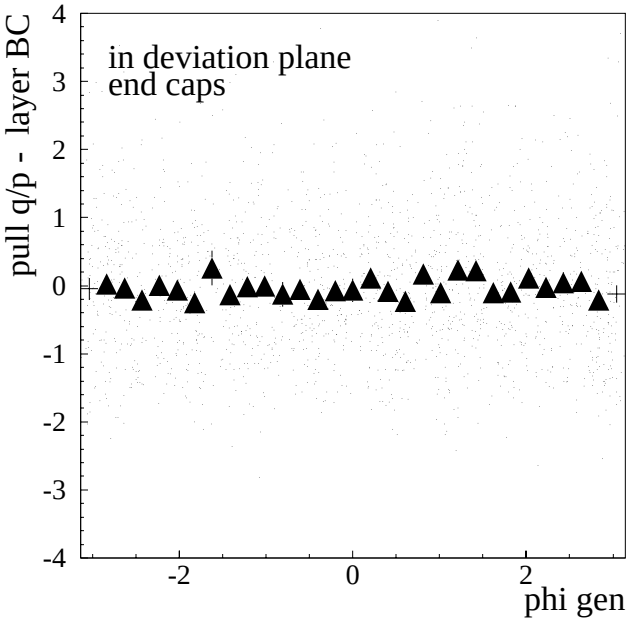

in deviation plane
end caps
Entries 1789
Mean -0.3902E-02
RMS 1.054
χ²/ndf 57.47 / 38
Constant 70.17
Mean -0.8516E-01
Sigma 0.9672
pull q/p - layer BC

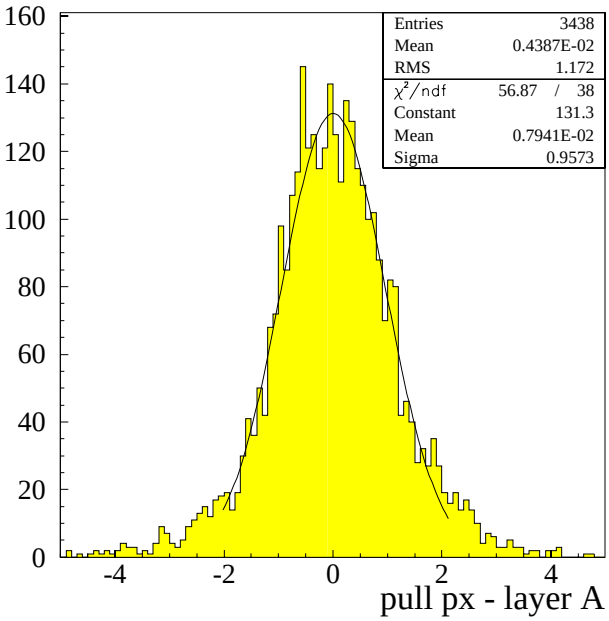

ENTRIES 3438
0.000E+00 55.0 0.000E+00
0.000E+00 0.338E+04 0.000E+00
0.000E+00 2.00 0.000E+00
pull q/p - layer BC
eta gen

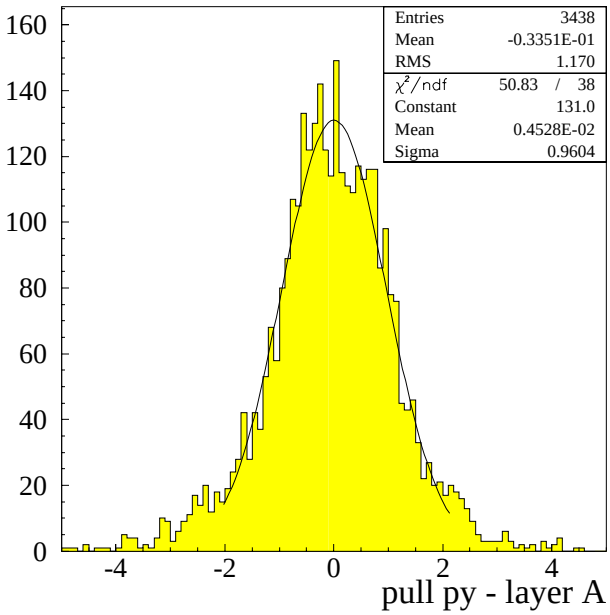

in deviation plane
Entries 3438
Mean 0.2661E-02
RMS 1.122
χ²/ndf 67.33 / 38
Constant 133.8
Mean -0.1485
Sigma 0.9695
pull q/p - layer BC

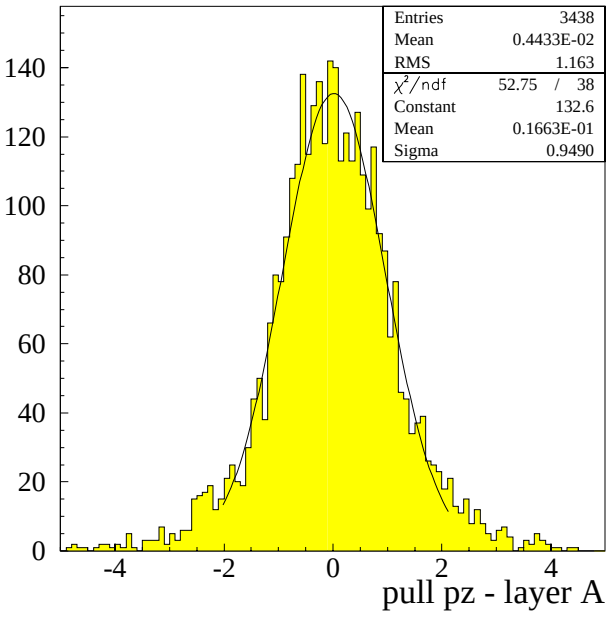

pull q/p - layer BC
phi gen

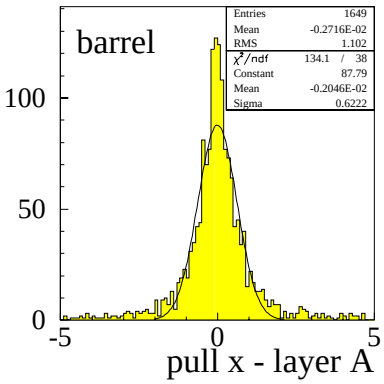

in deviation plane
barrel
pull q/p - layer BC
phi gen

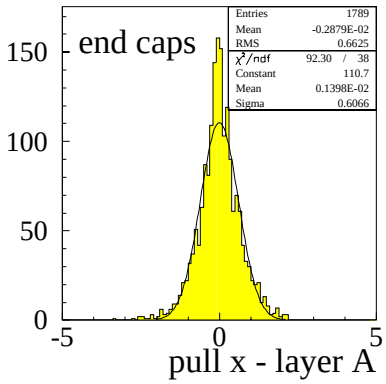

in deviation plane
end caps
pull q/p - layer BC
phi gen

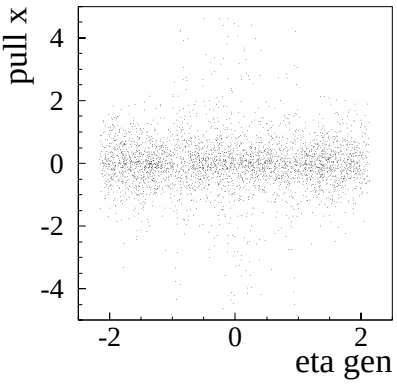

Entries 3438
Mean 0.4387E-02
RMS 1.172
χ²/ndf 56.87 / 38
Constant 131.3
Mean 0.7941E-02
Sigma 0.9573
pull px - layer A

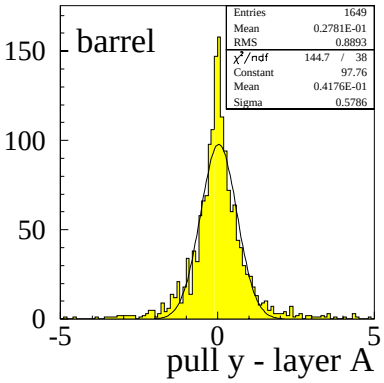

Entries 3438
Mean -0.3351E-01
RMS 1.170
χ²/ndf 50.83 / 38
Constant 131.0
Mean 0.4528E-02
Sigma 0.9604
pull py - layer A

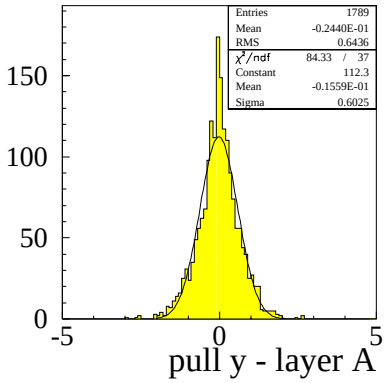

Entries 3438
Mean 0.4433E-02
RMS 1.163
χ²/ndf 52.75 / 38
Constant 132.6
Mean 0.1663E-01
Sigma 0.9490
pull pz - layer A

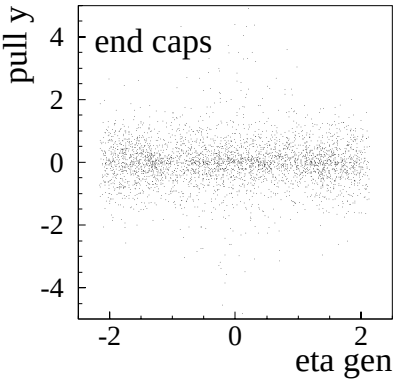

barrel
Entries 1649
Mean -0.2716E-02
RMS 1.102
χ²/ndf 134.1 / 38
Constant 87.79
Mean -0.2046E-02
Sigma 0.6222
pull x - layer A

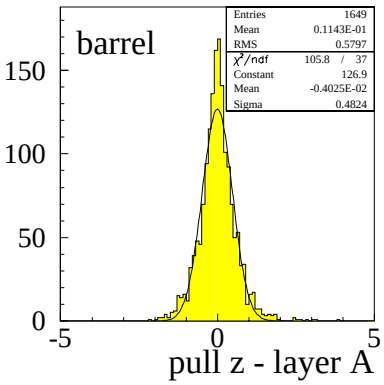

end caps
Entries 1789
Mean -0.2879E-02
RMS 0.6625
χ²/ndf 92.30 / 38
Constant 110.7
Mean 0.1398E-02
Sigma 0.6066
pull x - layer A

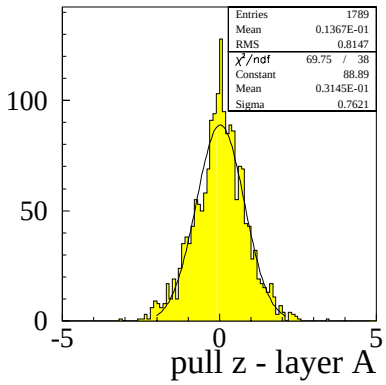

pull x
eta gen

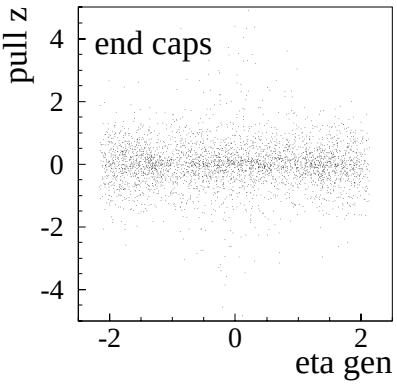

barrel
Entries 1649
Mean 0.2781E-01
RMS 0.8893
χ²/ndf 144.7 / 38
Constant 97.76
Mean 0.4176E-01
Sigma 0.5786
pull y - layer A


Entries 1789
Mean -0.2440E-01
RMS 0.6436
χ²/ndf 84.33 / 37
Constant 112.3
Mean -0.1559E-01
Sigma 0.6025
pull y - layer A


pull y
end caps
eta gen


barrel
Entries 1649
Mean 0.1143E-01
RMS 0.5797
χ²/ndf 105.8 / 37
Constant 126.9
Mean -0.4025E-02
Sigma 0.4824
pull z - layer A


Entries 1789
Mean 0.1367E-01
RMS 0.8147
χ²/ndf 69.75 / 38
Constant 88.89
Mean 0.3145E-01
Sigma 0.7621
pull z - layer A


pull z
end caps
eta gen