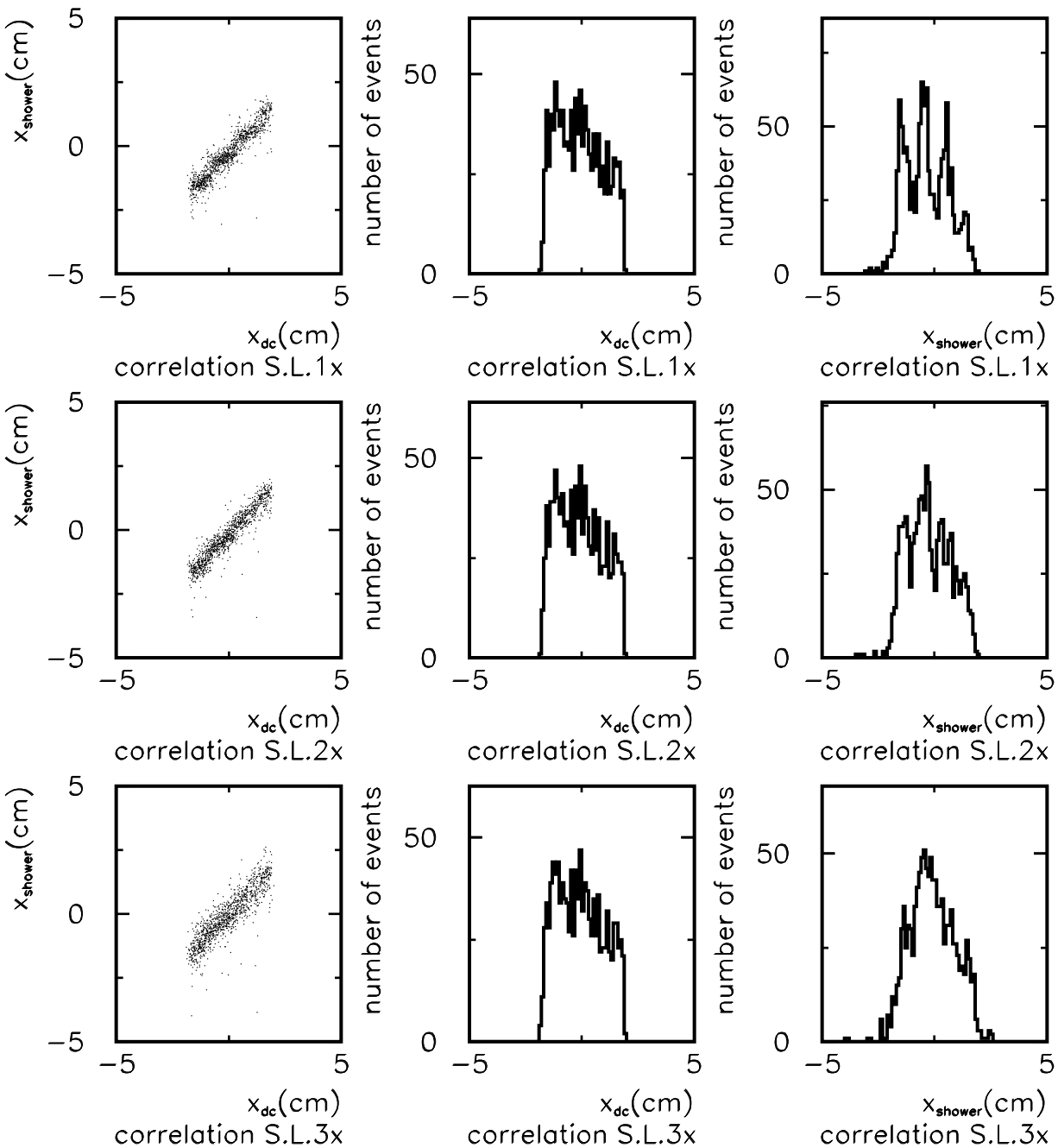
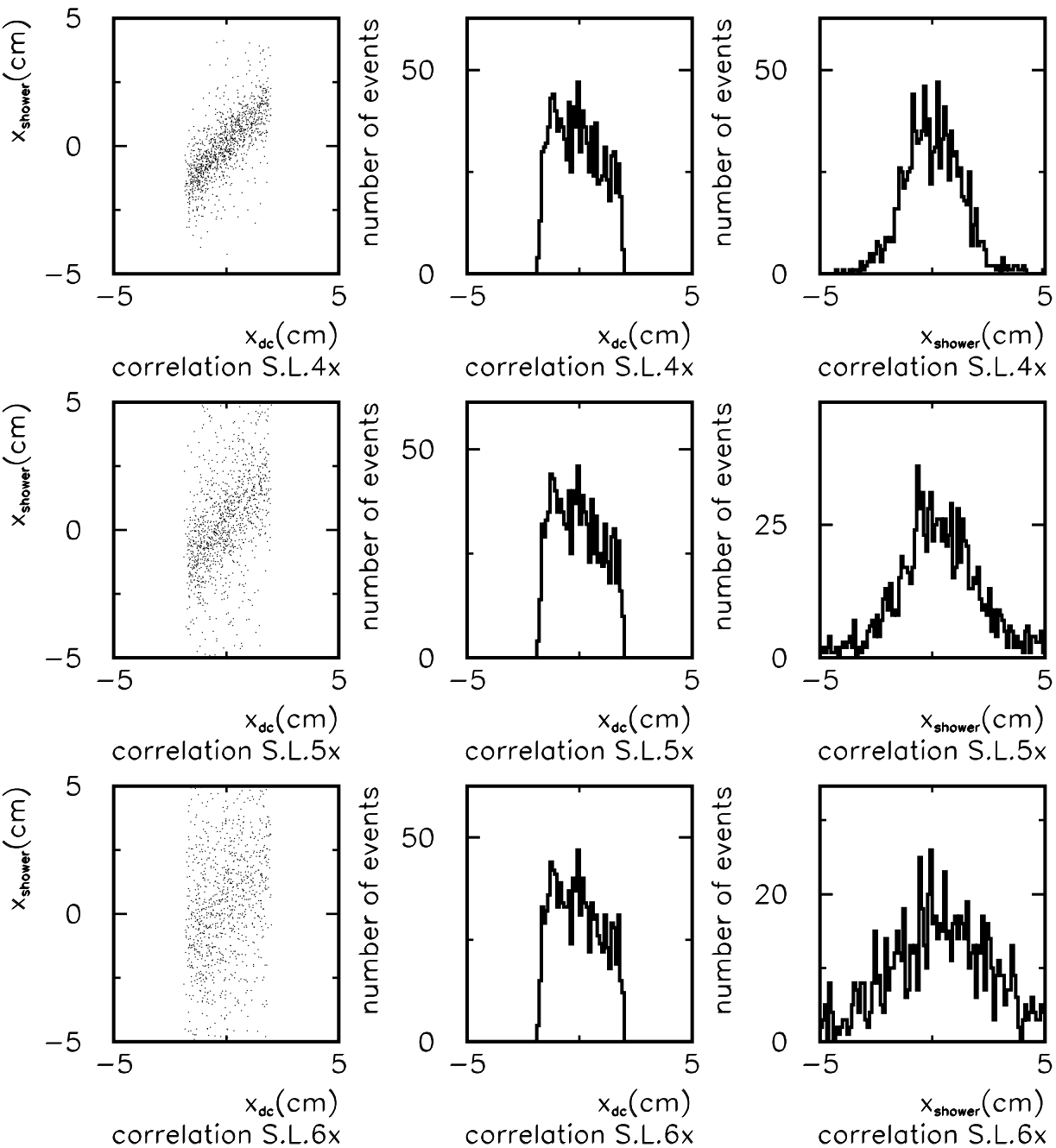
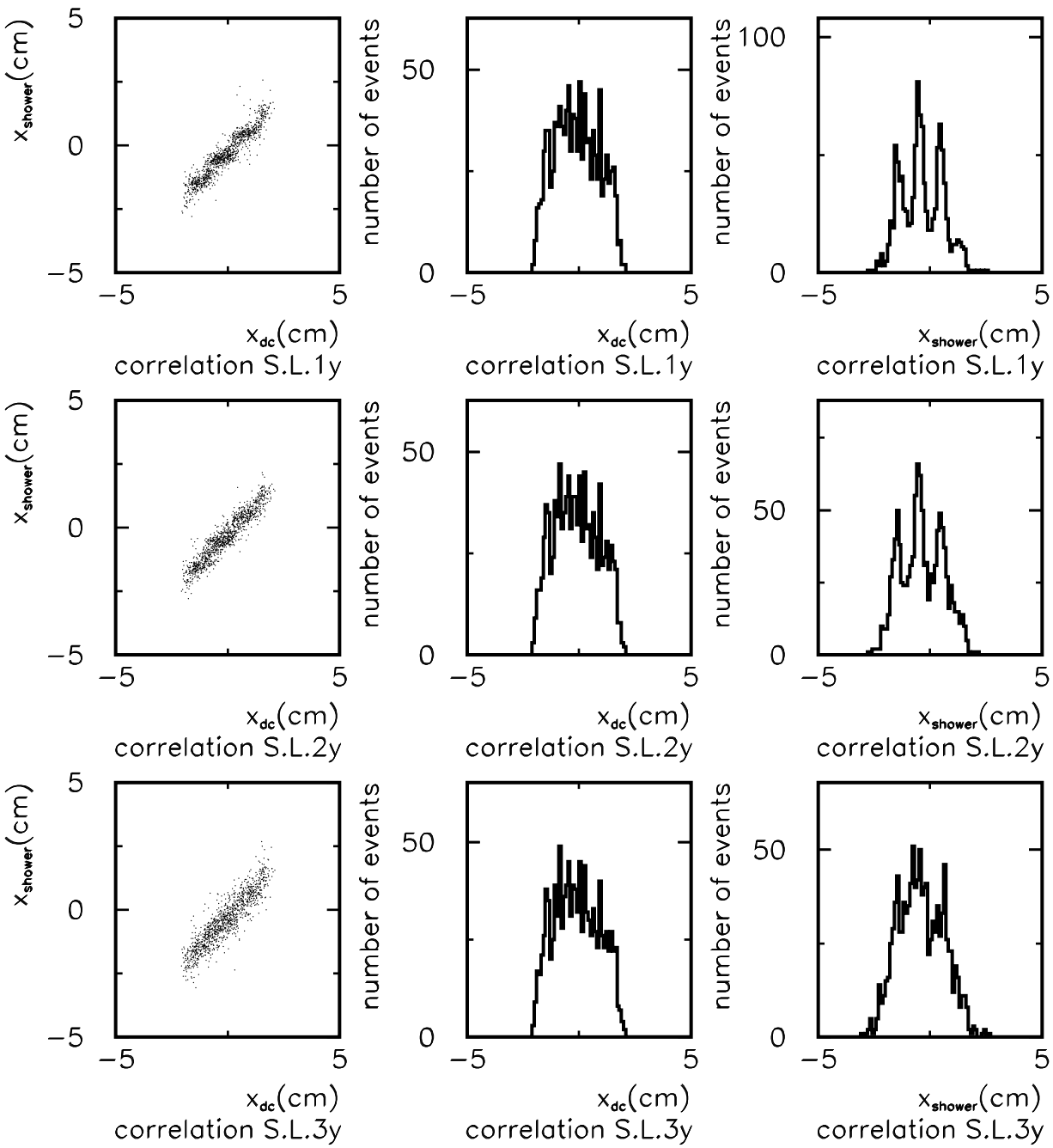
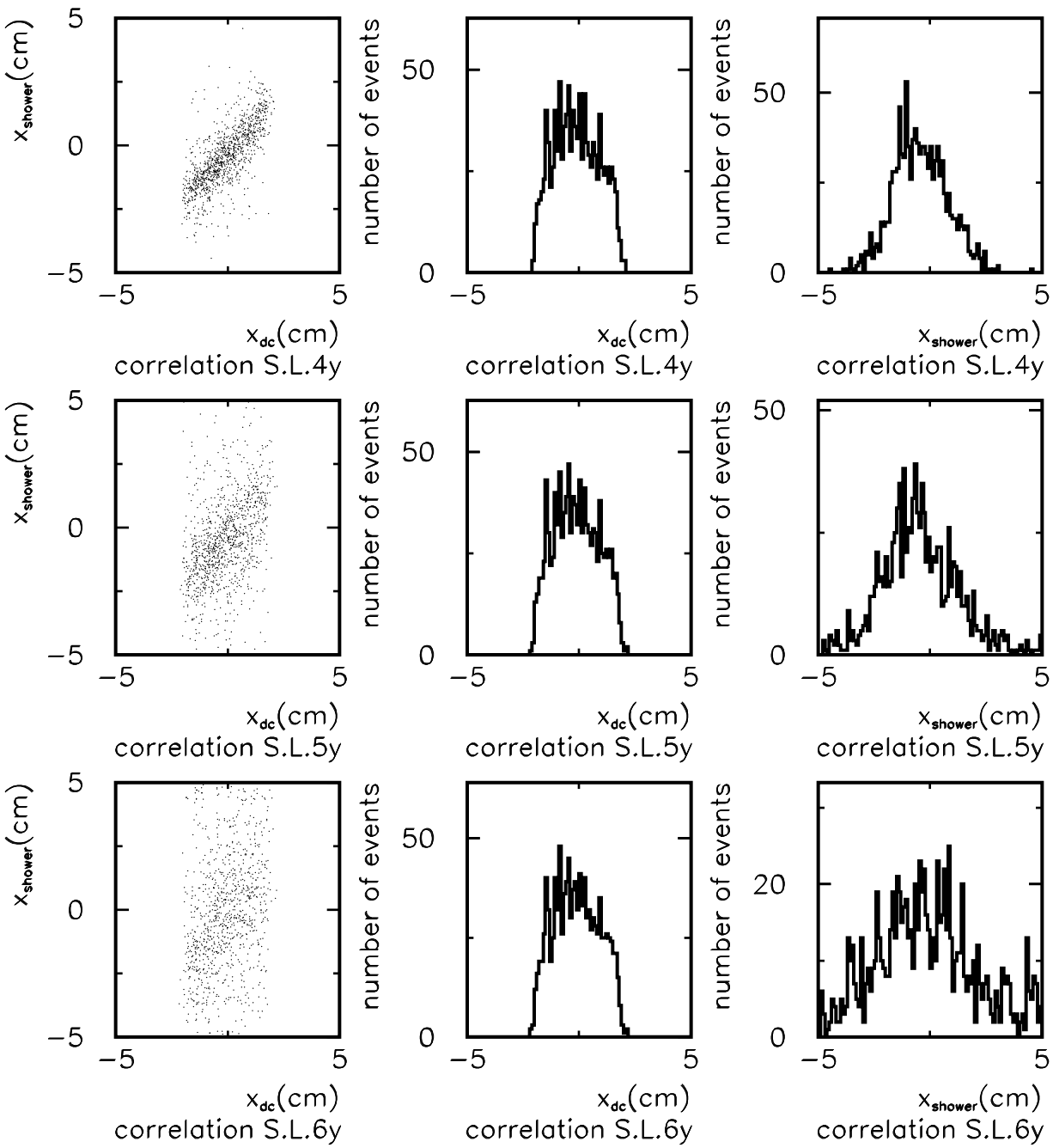
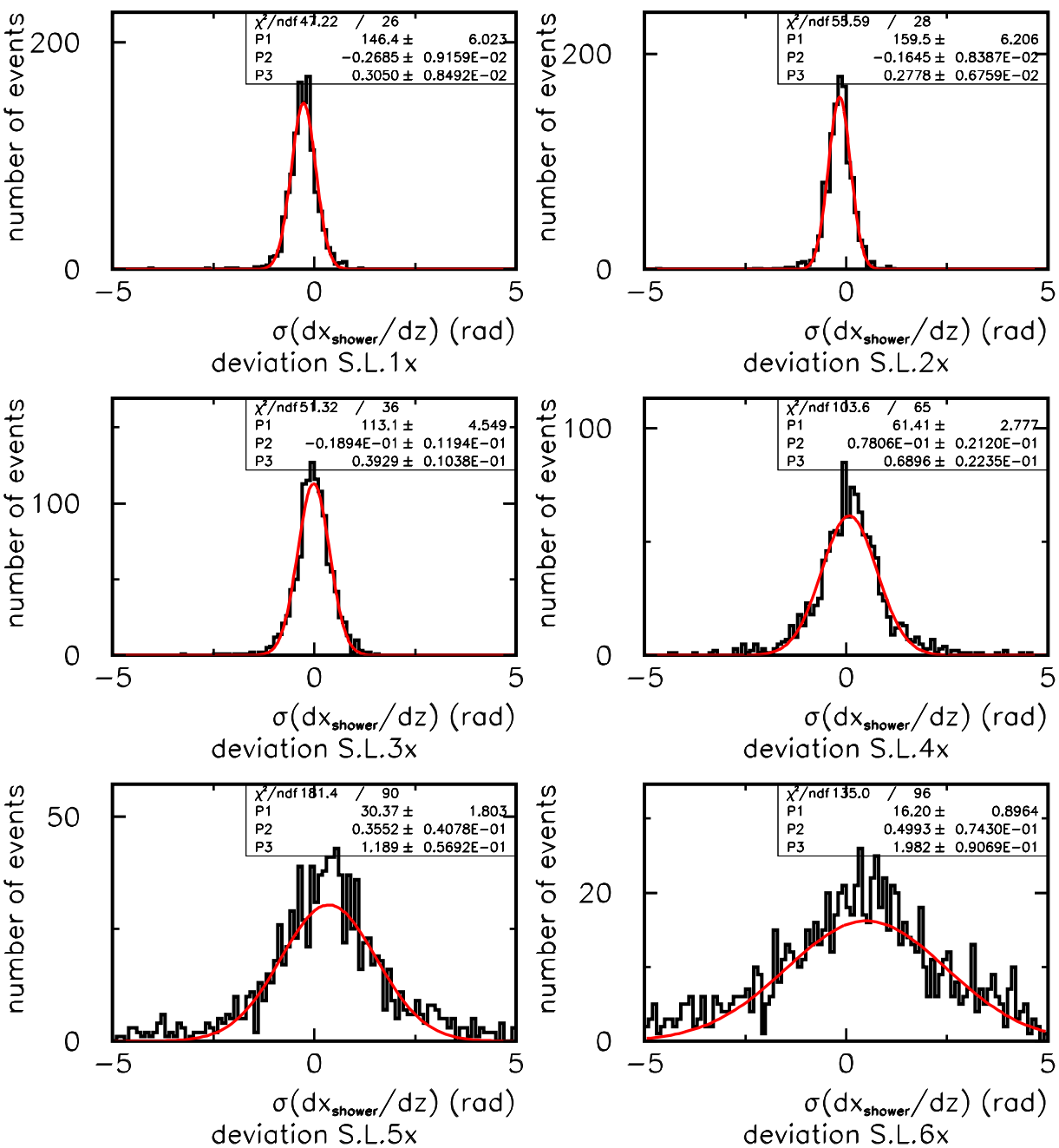
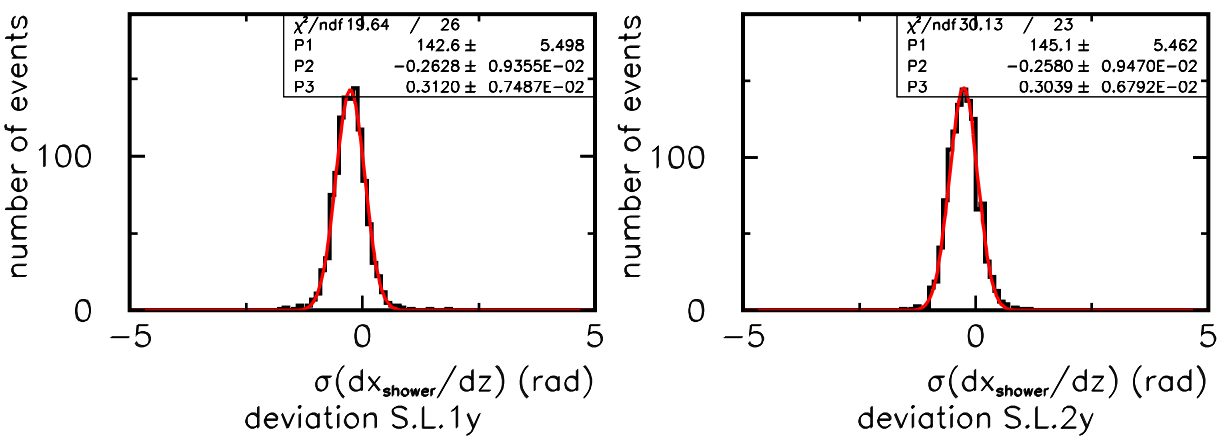

5
0
−5
−5
5
x_{shower}(cm)
x_{dc}(cm)
correlation S.L.1x
number of events
50
0
−5
5
x_{dc}(cm)
correlation S.L.1x
number of events
50
0
−5
5
x_{shower}(cm)
correlation S.L.1x
5
0
−5
−5
5
x_{shower}(cm)
x_{dc}(cm)
correlation S.L.2x
number of events
50
0
−5
5
x_{dc}(cm)
correlation S.L.2x
number of events
50
0
−5
5
x_{shower}(cm)
correlation S.L.2x
5
0
−5
−5
5
x_{shower}(cm)
x_{dc}(cm)
correlation S.L.3x
number of events
50
0
−5
5
x_{dc}(cm)
correlation S.L.3x
number of events
50
0
−5
5
x_{shower}(cm)
correlation S.L.3x

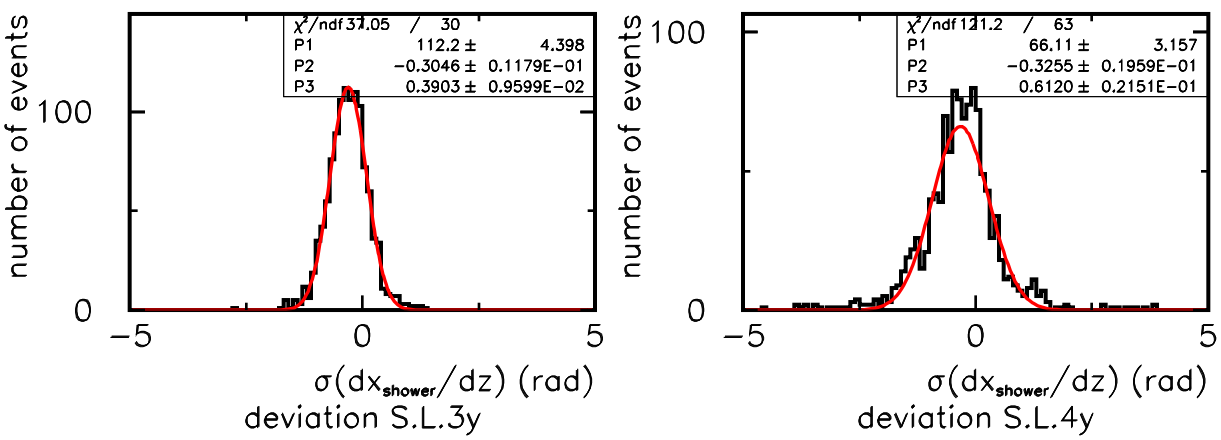

x_shower(cm)
5
0
−5
−5
5
x_dc(cm)
correlation S.L.4x
number of events
50
0
−5
5
x_dc(cm)
correlation S.L.4x
number of events
50
0
−5
5
x_shower(cm)
correlation S.L.4x
x_shower(cm)
5
0
−5
−5
5
x_dc(cm)
correlation S.L.5x
number of events
50
0
−5
5
x_dc(cm)
correlation S.L.5x
number of events
25
0
−5
5
x_shower(cm)
correlation S.L.5x
x_shower(cm)
5
0
−5
−5
5
x_dc(cm)
correlation S.L.6x
number of events
50
0
−5
5
x_dc(cm)
correlation S.L.6x
number of events
20
0
−5
5
x_shower(cm)
correlation S.L.6x

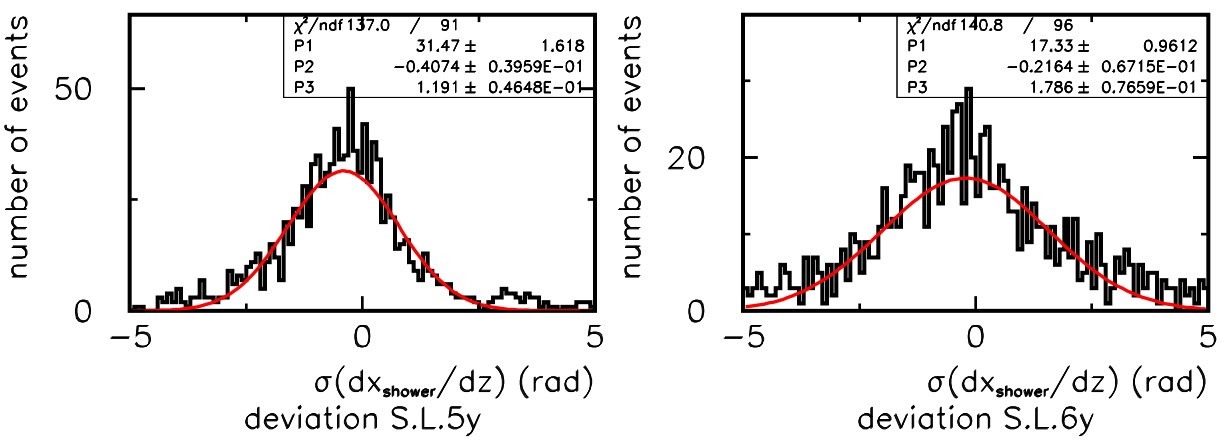

5
0
−5
−5
5
x_{shower}(cm)
x_{dc}(cm)
correlation S.L.1y
number of events
50
0
−5
5
x_{dc}(cm)
correlation S.L.1y
number of events
100
0
−5
5
x_{shower}(cm)
correlation S.L.1y
x_{shower}(cm)
x_{dc}(cm)
correlation S.L.2y
number of events
x_{dc}(cm)
correlation S.L.2y
number of events
x_{shower}(cm)
correlation S.L.2y
x_{shower}(cm)
x_{dc}(cm)
correlation S.L.3y
number of events
x_{dc}(cm)
correlation S.L.3y
number of events
x_{shower}(cm)
correlation S.L.3y


x_shower(cm)
5
0
−5
−5
5
x_dc(cm)
correlation S.L.4y
number of events
50
0
−5
5
x_dc(cm)
correlation S.L.4y
number of events
50
0
−5
5
x_shower(cm)
correlation S.L.4y
x_shower(cm)
5
0
−5
−5
5
x_dc(cm)
correlation S.L.5y
number of events
50
0
−5
5
x_dc(cm)
correlation S.L.5y
number of events
50
0
−5
5
x_shower(cm)
correlation S.L.5y
x_shower(cm)
5
0
−5
−5
5
x_dc(cm)
correlation S.L.6y
number of events
50
0
−5
5
x_dc(cm)
correlation S.L.6y
number of events
20
0
−5
5
x_shower(cm)
correlation S.L.6y


χ²/ndf 47.22 / 26
P1 146.4 ± 6.023
P2 −0.2685 ± 0.9159E−02
P3 0.3050 ± 0.8492E−02
number of events
200
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.1x
χ²/ndf 55.59 / 28
P1 159.5 ± 6.206
P2 −0.1645 ± 0.8387E−02
P3 0.2778 ± 0.6759E−02
number of events
200
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.2x
χ²/ndf 51.32 / 36
P1 113.1 ± 4.549
P2 −0.1894E−01 ± 0.1194E−01
P3 0.3929 ± 0.1038E−01
number of events
100
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.3x
χ²/ndf 103.6 / 65
P1 61.41 ± 2.777
P2 0.7806E−01 ± 0.2120E−01
P3 0.6896 ± 0.2235E−01
number of events
100
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.4x
χ²/ndf 181.4 / 90
P1 30.37 ± 1.803
P2 0.3552 ± 0.4078E−01
P3 1.189 ± 0.5692E−01
number of events
50
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.5x
χ²/ndf 135.0 / 96
P1 16.20 ± 0.8964
P2 0.4993 ± 0.7430E−01
P3 1.982 ± 0.9069E−01
number of events
20
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.6x


χ²/ndf 19.64 / 26
P1 142.6 ± 5.498
P2 −0.2628 ± 0.9355E−02
P3 0.3120 ± 0.7487E−02
number of events
100
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.1y
χ²/ndf 30.13 / 23
P1 145.1 ± 5.462
P2 −0.2580 ± 0.9470E−02
P3 0.3039 ± 0.6792E−02
number of events
100
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.2y


χ²/ndf 37.05 / 30
P1 112.2 ± 4.398
P2 −0.3046 ± 0.1179E−01
P3 0.3903 ± 0.9599E−02
number of events
100
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.3y
χ²/ndf 121.2 / 63
P1 66.11 ± 3.157
P2 −0.3255 ± 0.1959E−01
P3 0.6120 ± 0.2151E−01
number of events
100
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.4y


χ²/ndf 137.0 / 91
P1 31.47 ± 1.618
P2 −0.4074 ± 0.3959E−01
P3 1.191 ± 0.4648E−01
number of events
50
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.5y
χ²/ndf 140.8 / 96
P1 17.33 ± 0.9612
P2 −0.2164 ± 0.6715E−01
P3 1.786 ± 0.7659E−01
number of events
20
0
−5
0
5
σ(dx_shower/dz) (rad)
deviation S.L.6y