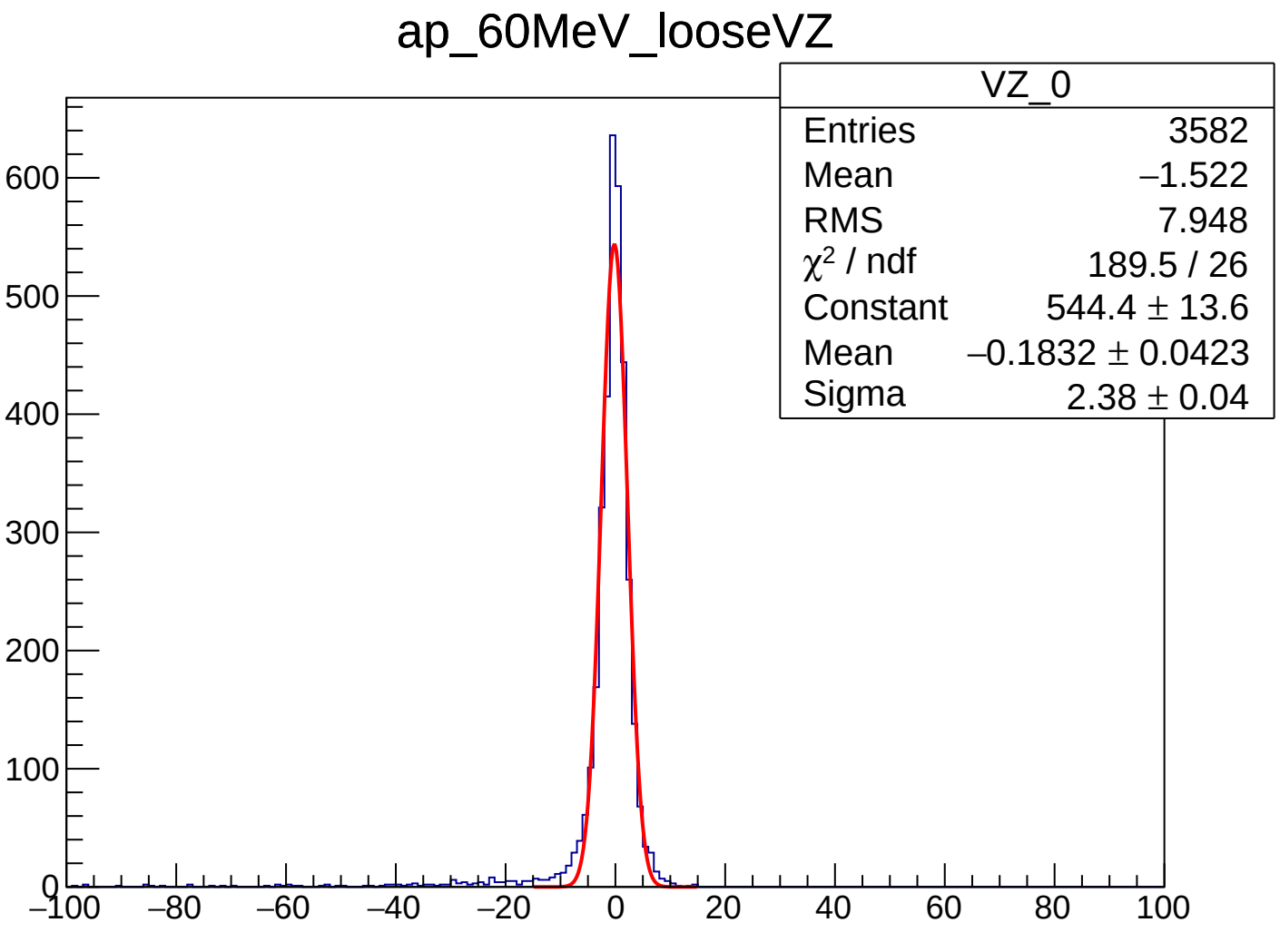
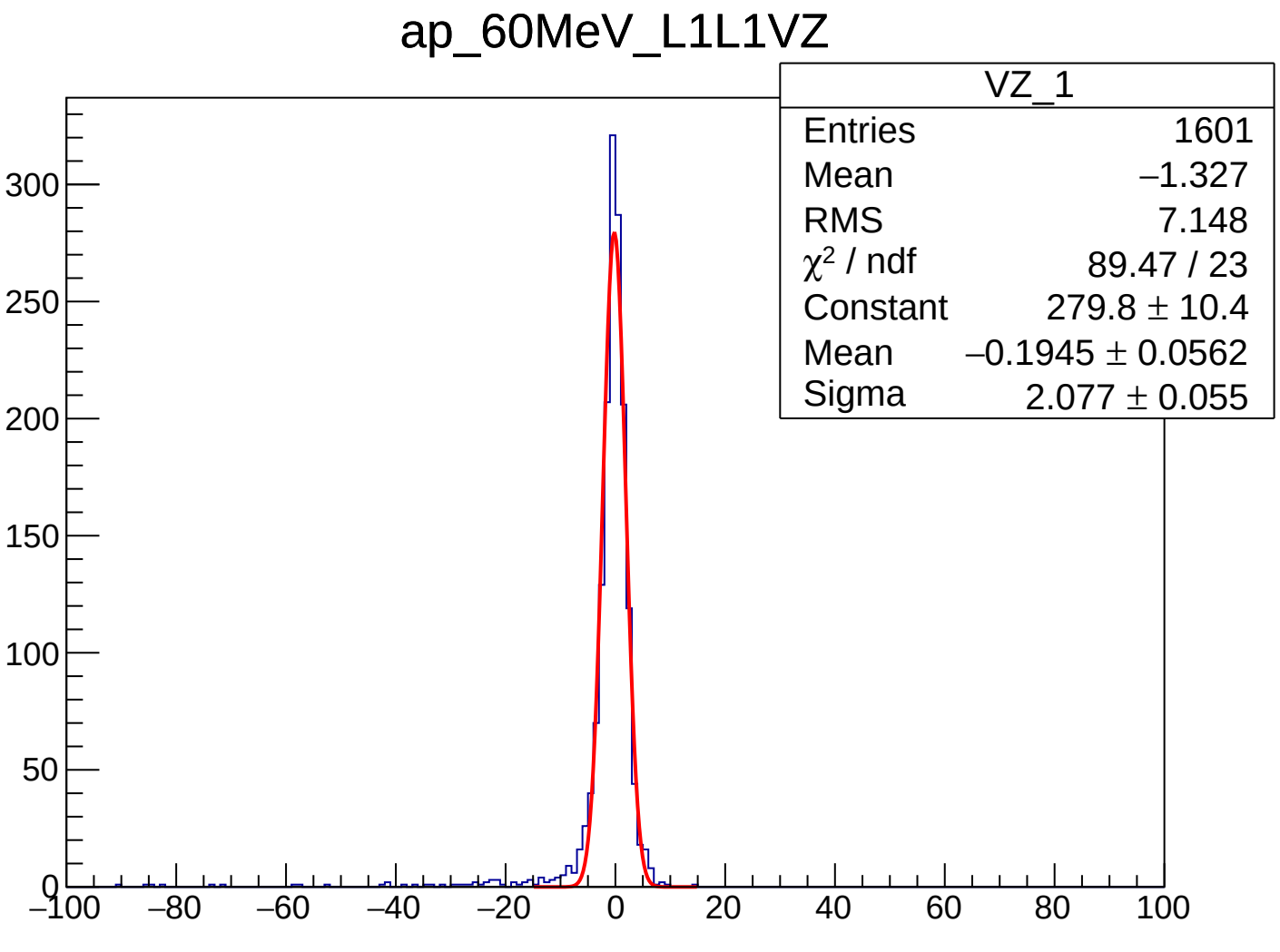
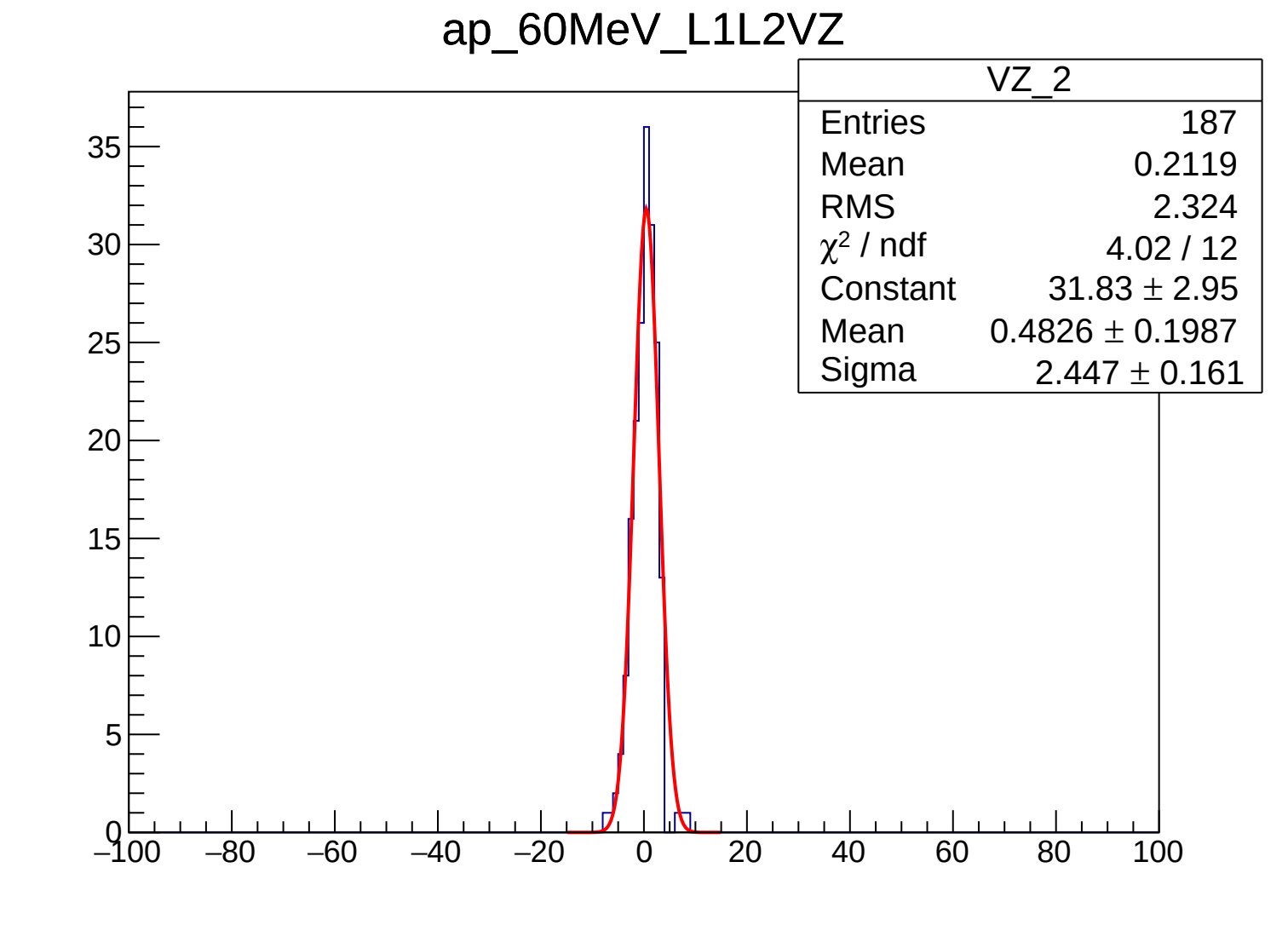
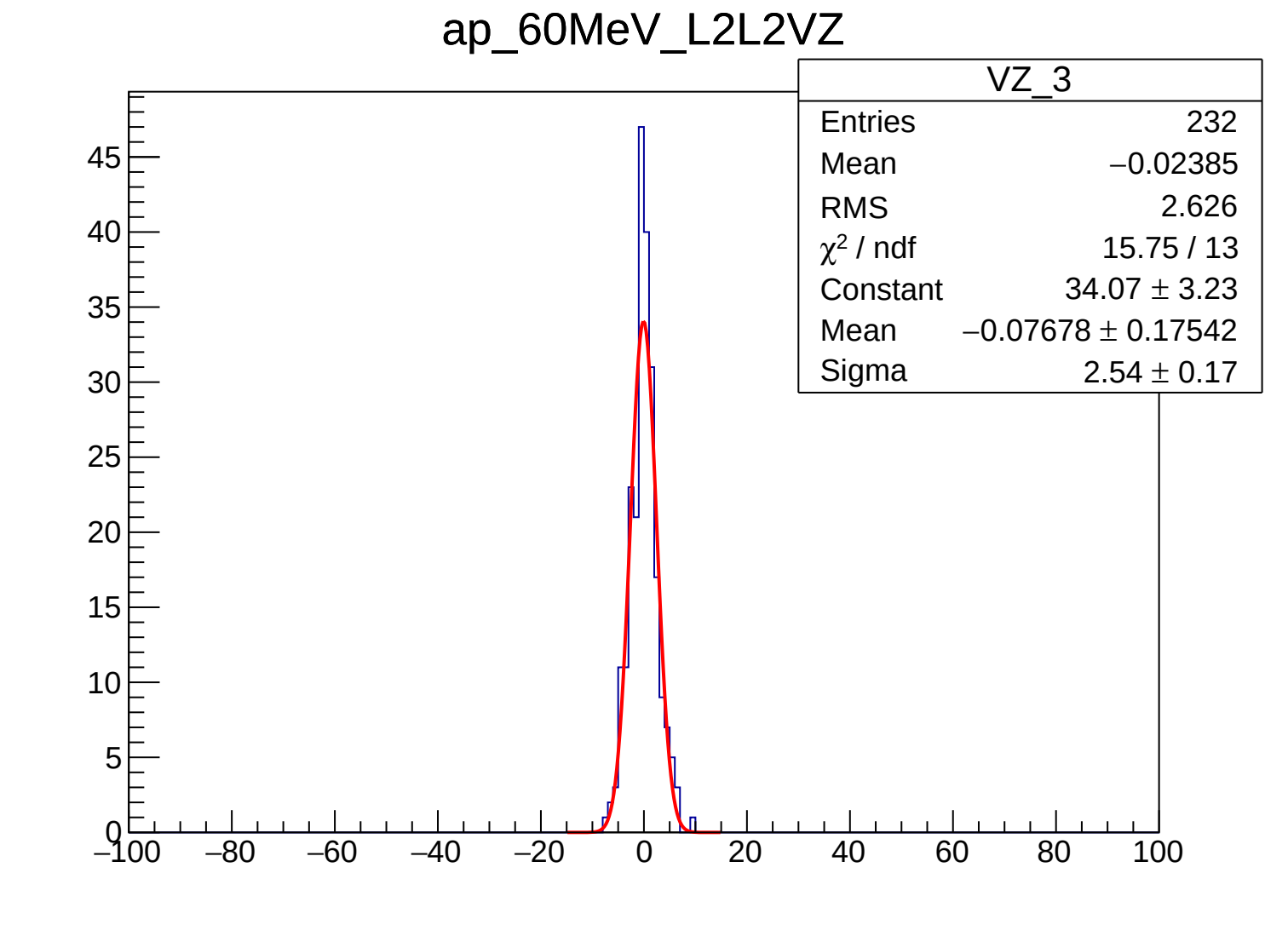
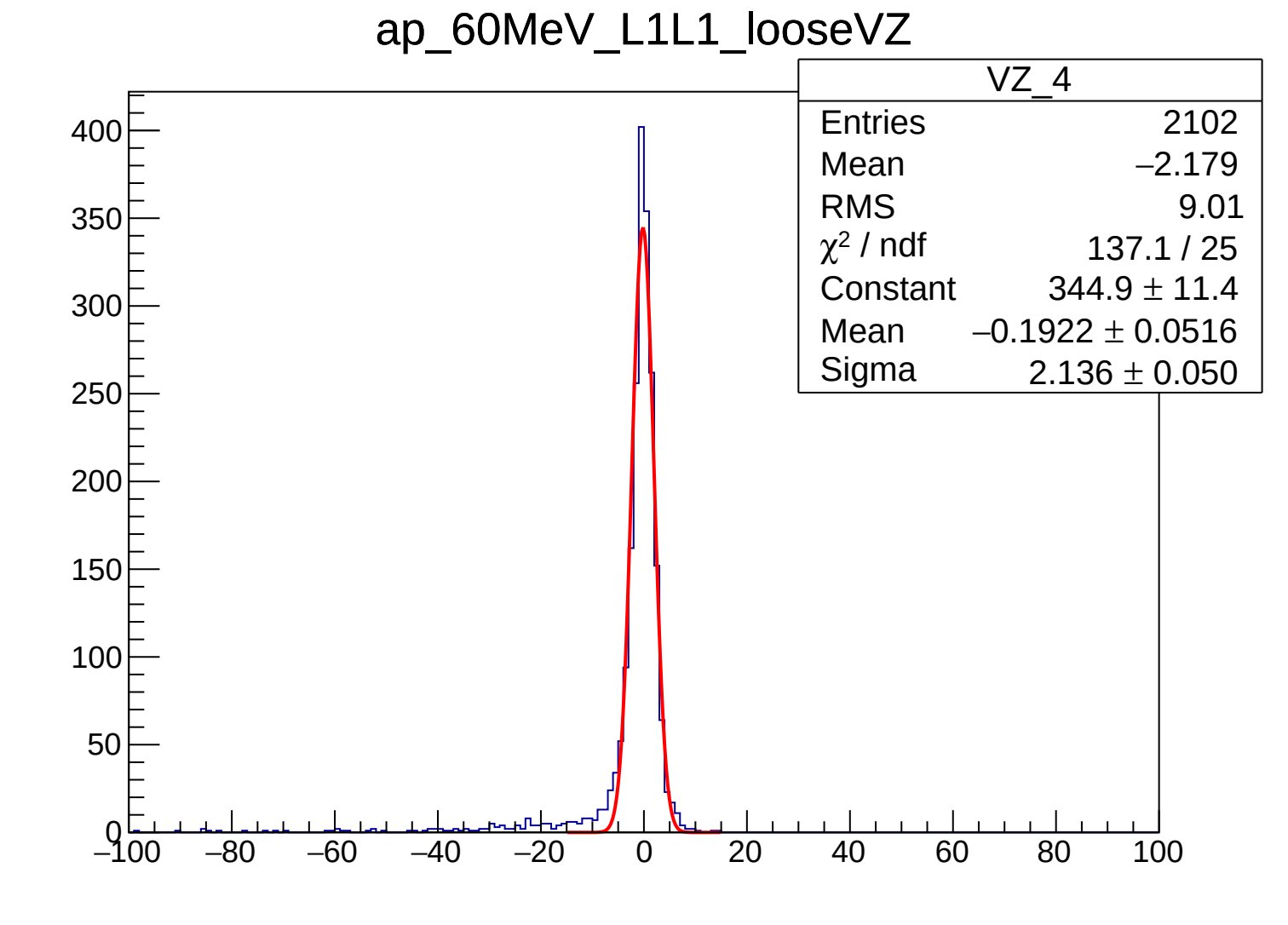
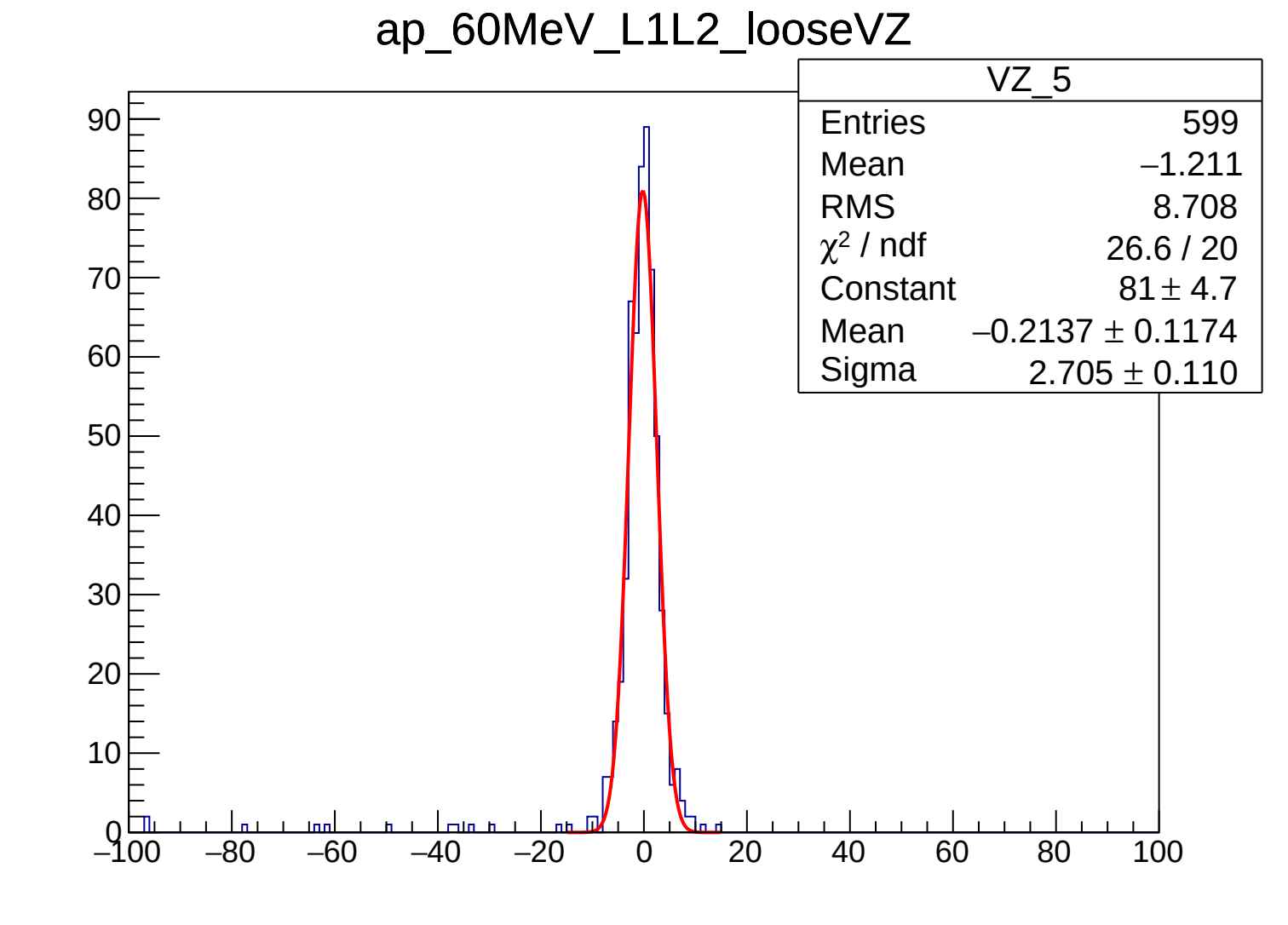

ap_60MeV_looseVZ
VZ_0
Entries 3582
Mean –1.522
RMS 7.948
χ² / ndf 189.5 / 26
Constant 544.4 ± 13.6
Mean –0.1832 ± 0.0423
Sigma 2.38 ± 0.04
600
500
400
300
200
100
0
–100
–80
–60
–40
–20
0
20
40
60
80
100

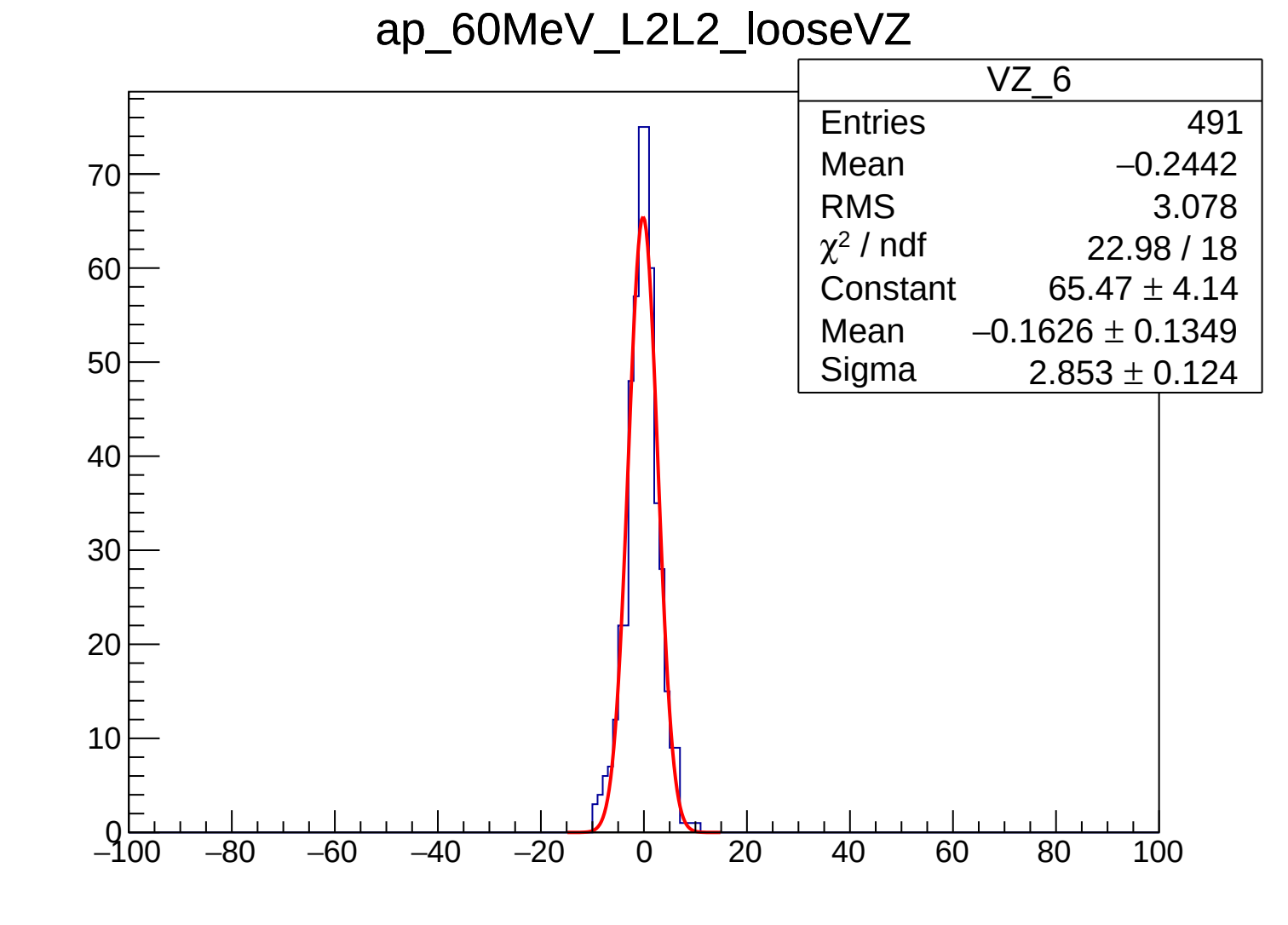

ap_60MeV_L1L1VZ
VZ_1
Entries 1601
Mean –1.327
RMS 7.148
χ² / ndf 89.47 / 23
Constant 279.8 ± 10.4
Mean –0.1945 ± 0.0562
Sigma 2.077 ± 0.055
300
250
200
150
100
50
0
–100
–80
–60
–40
–20
0
20
40
60
80
100

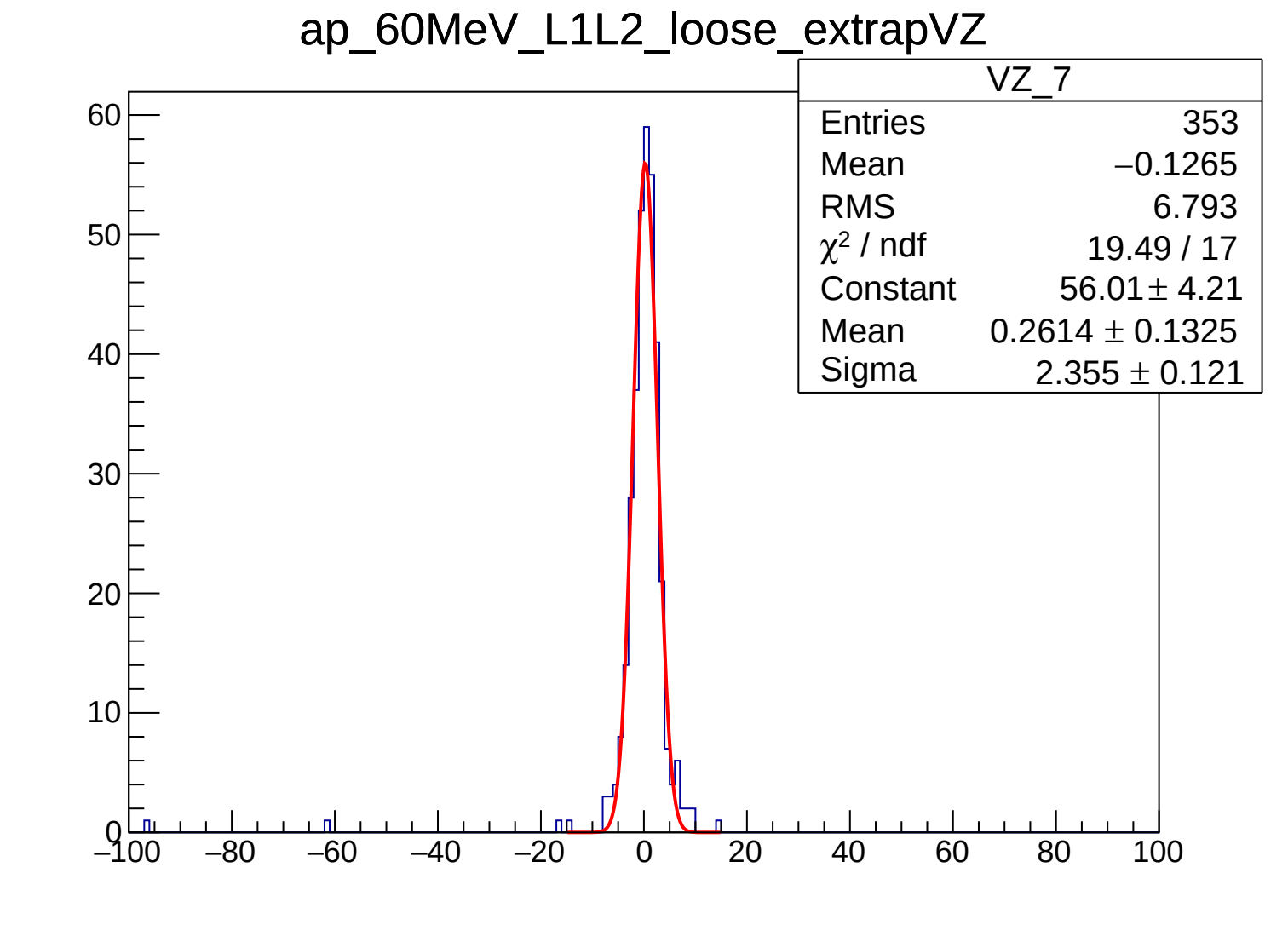

ap_60MeV_L1L2VZ
VZ_2
Entries 187
Mean 0.2119
RMS 2.324
χ² / ndf 4.02 / 12
Constant 31.83 ± 2.95
Mean 0.4826 ± 0.1987
Sigma 2.447 ± 0.161
35
30
25
20
15
10
5
0
–100
–80
–60
–40
–20
0
20
40
60
80
100

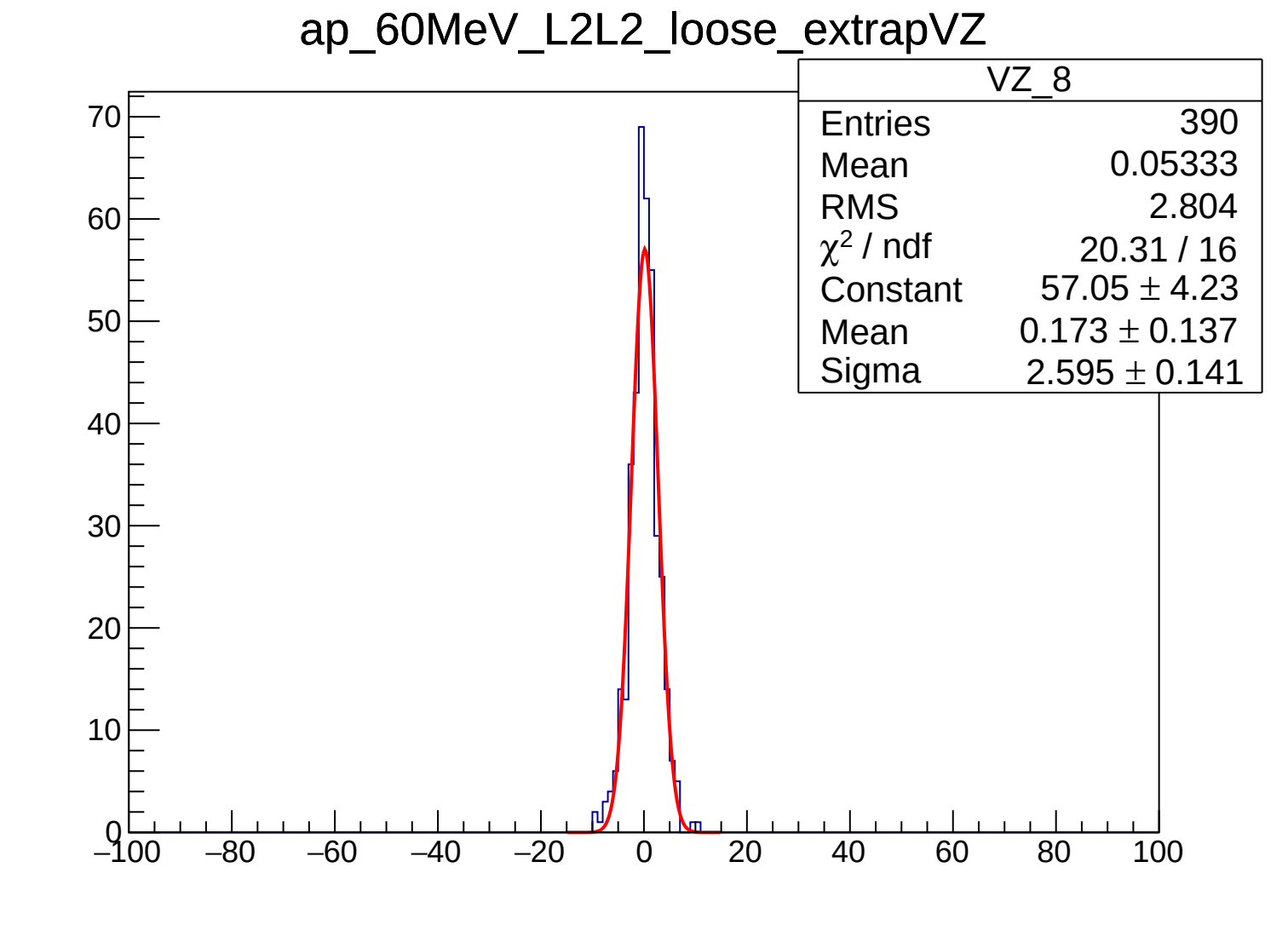

ap_60MeV_L2L2VZ
VZ_3
Entries 232
Mean −0.02385
RMS 2.626
χ² / ndf 15.75 / 13
Constant 34.07 ± 3.23
Mean −0.07678 ± 0.17542
Sigma 2.54 ± 0.17
45
40
35
30
25
20
15
10
5
0
−100
−80
−60
−40
−20
0
20
40
60
80
100


ap_60MeV_L1L1_looseVZ
VZ_4
Entries 2102
Mean –2.179
RMS 9.01
χ² / ndf 137.1 / 25
Constant 344.9 ± 11.4
Mean –0.1922 ± 0.0516
Sigma 2.136 ± 0.050
400
350
300
250
200
150
100
50
0
–100
–80
–60
–40
–20
0
20
40
60
80
100


ap_60MeV_L1L2_looseVZ
VZ_5
Entries 599
Mean –1.211
RMS 8.708
χ² / ndf 26.6 / 20
Constant 81 ± 4.7
Mean –0.2137 ± 0.1174
Sigma 2.705 ± 0.110
90
80
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100


ap_60MeV_L2L2_looseVZ
VZ_6
Entries 491
Mean –0.2442
RMS 3.078
χ² / ndf 22.98 / 18
Constant 65.47 ± 4.14
Mean –0.1626 ± 0.1349
Sigma 2.853 ± 0.124
0
10
20
30
40
50
60
70
–100
–80
–60
–40
–20
0
20
40
60
80
100


ap_60MeV_L1L2_loose_extrapVZ
VZ_7
Entries 353
Mean −0.1265
RMS 6.793
χ² / ndf 19.49 / 17
Constant 56.01 ± 4.21
Mean 0.2614 ± 0.1325
Sigma 2.355 ± 0.121
60
50
40
30
20
10
0
−100
−80
−60
−40
−20
0
20
40
60
80
100


ap_60MeV_L2L2_loose_extrapVZ
VZ_8
Entries 390
Mean 0.05333
RMS 2.804
χ² / ndf 20.31 / 16
Constant 57.05 ± 4.23
Mean 0.173 ± 0.137
Sigma 2.595 ± 0.141
70
60
50
40
30
20
10
0
–100
–80
–60
–40
–20
0
20
40
60
80
100