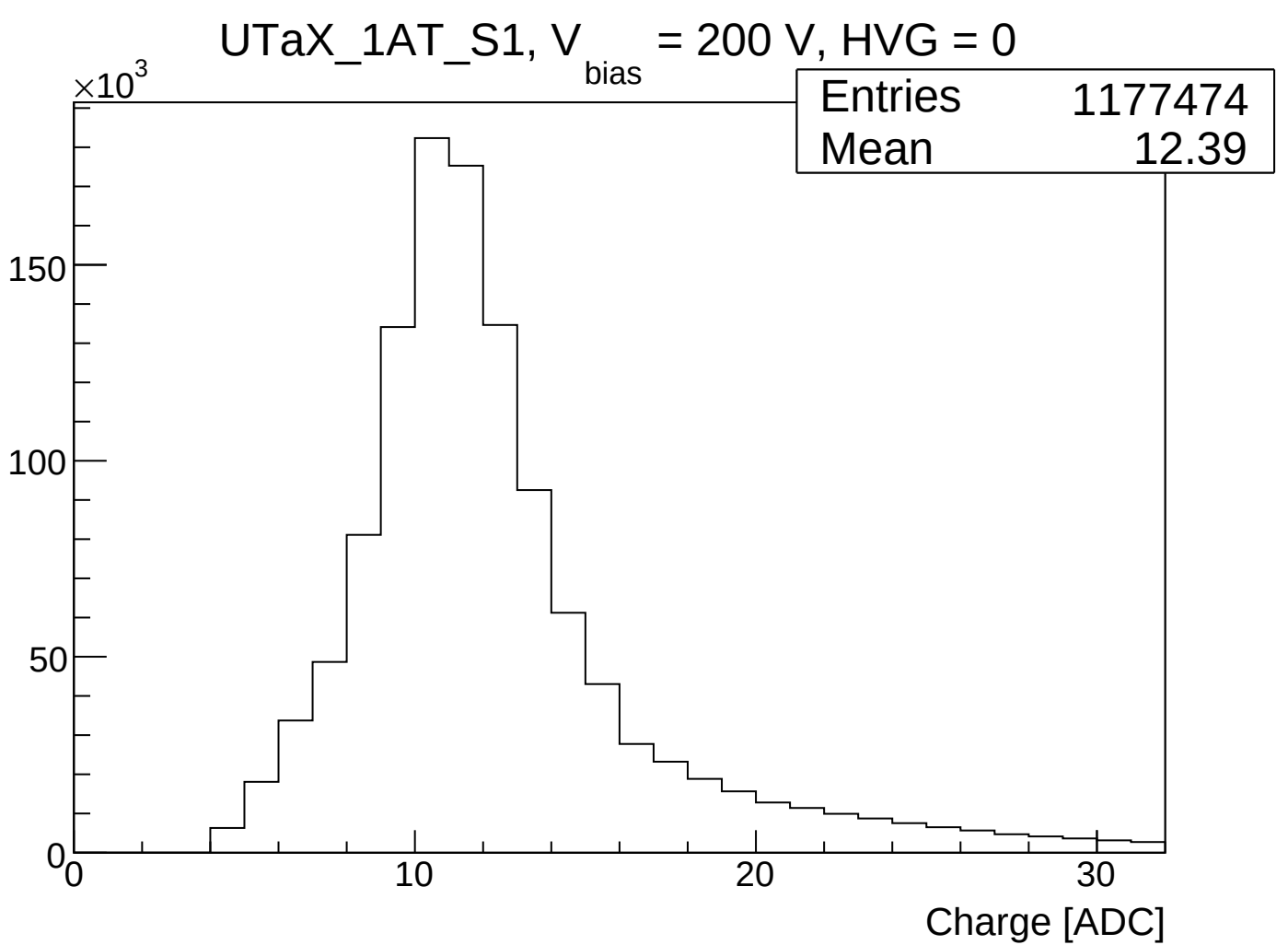
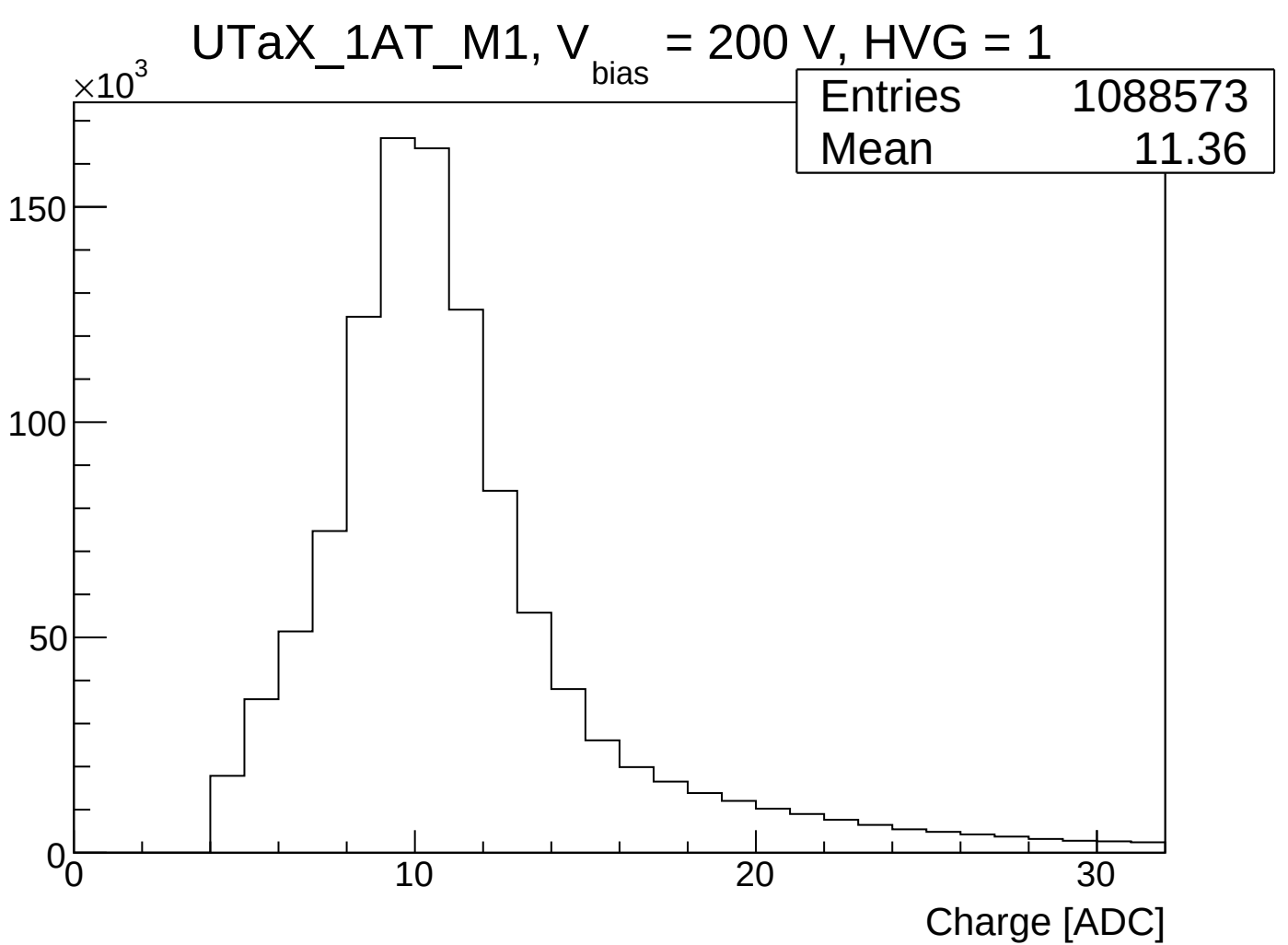
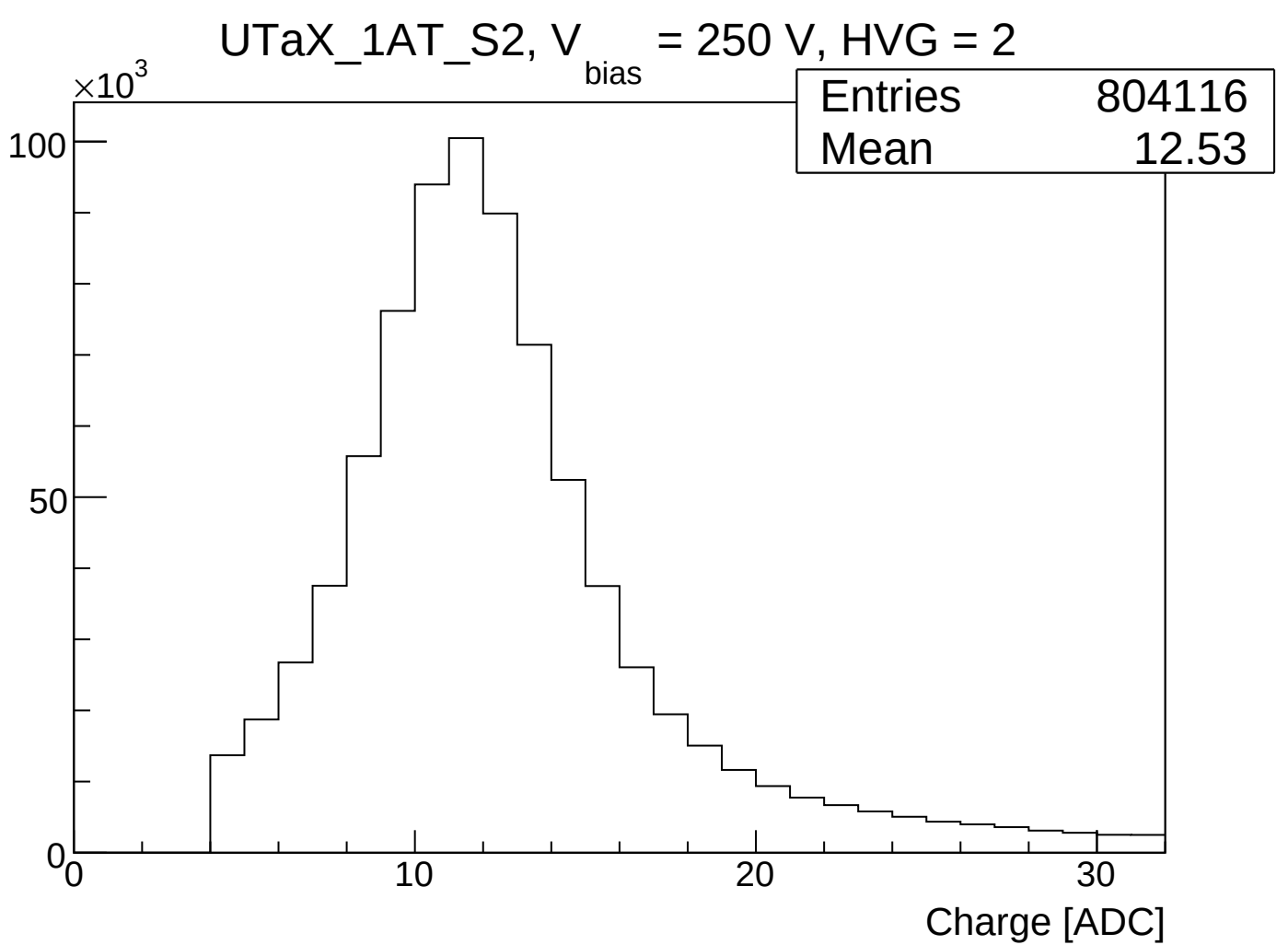
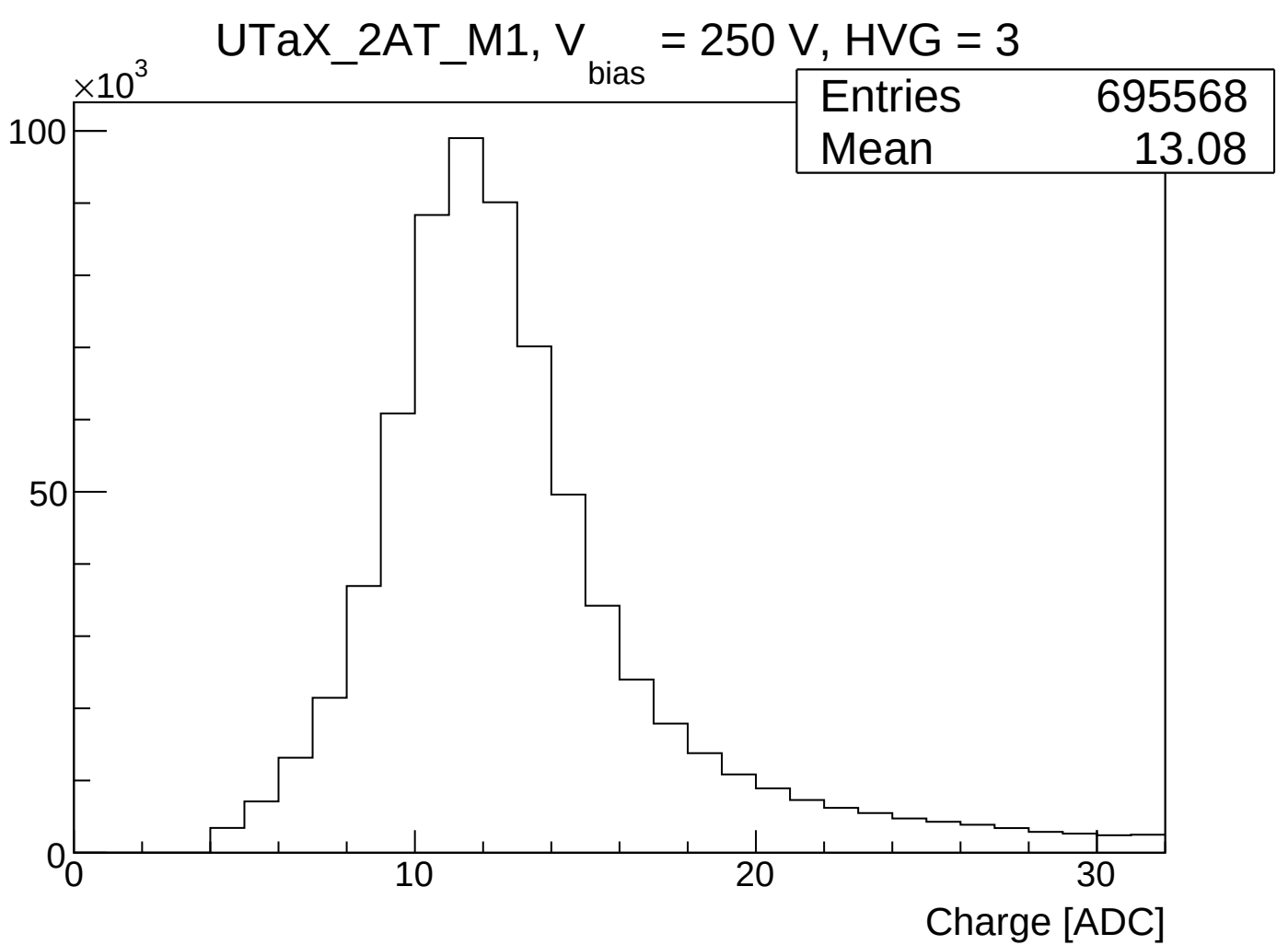
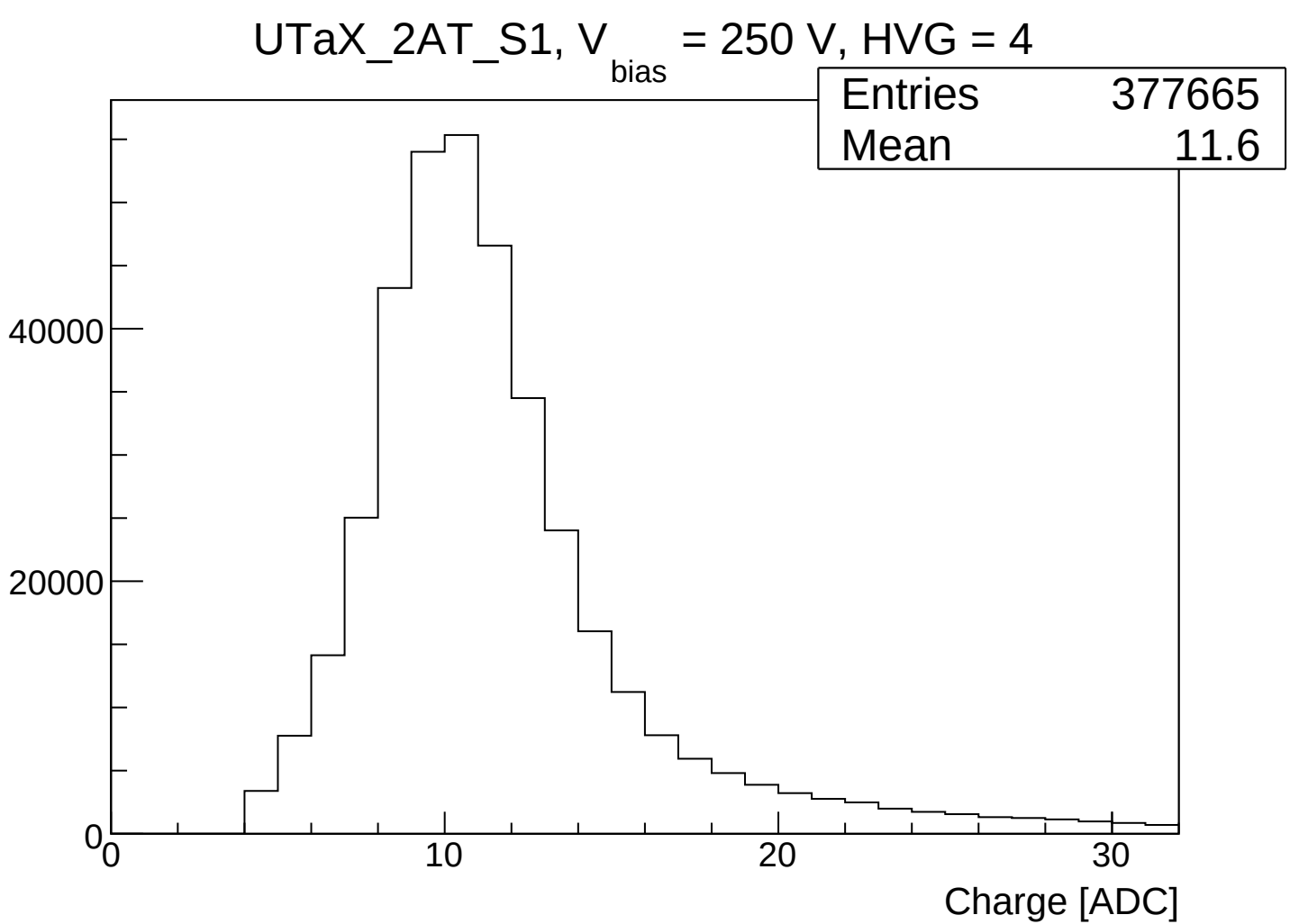
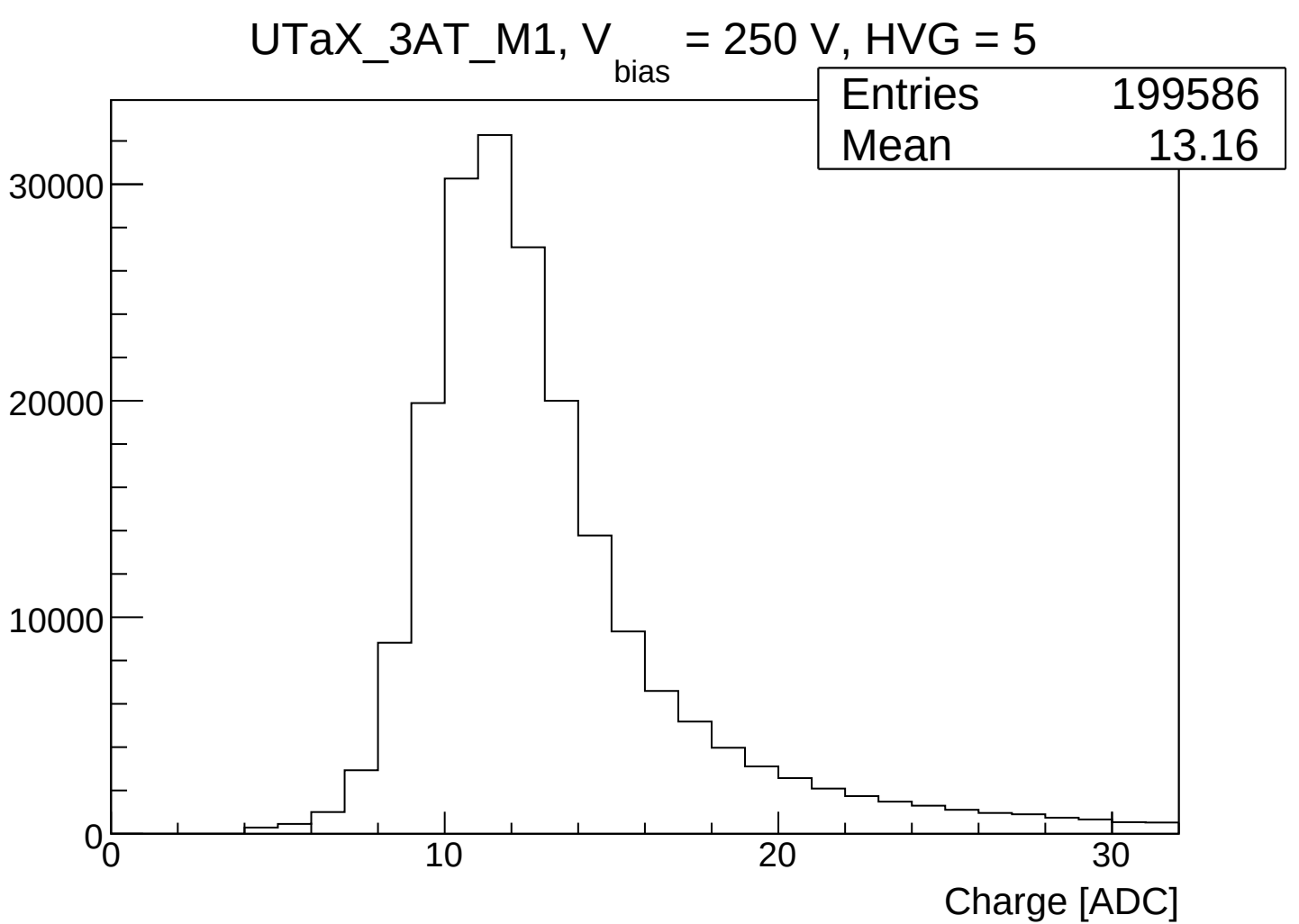

UTaX_1AT_S1, V bias = 200 V, HVG = 0
×10^3
Entries 1177474
Mean 12.39
150
100
50
0
0
10
20
30
Charge [ADC]

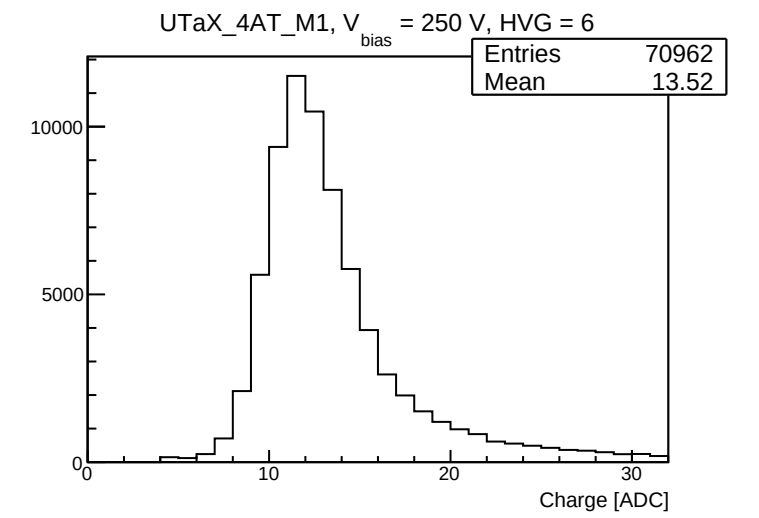

UTaX_1AT_M1, V bias = 200 V, HVG = 1
×10^3
Entries 1088573
Mean 11.36
150
100
50
0
0
10
20
30
Charge [ADC]

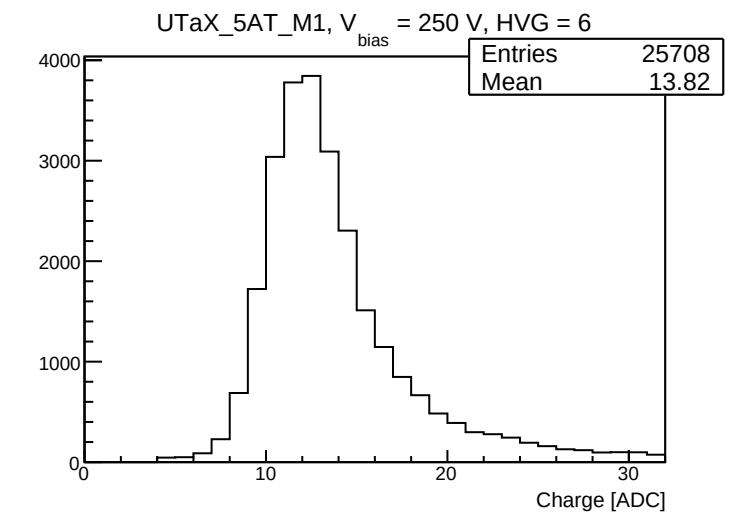

UTaX_1AT_S2, V bias = 250 V, HVG = 2
×10^3
Entries 804116
Mean 12.53
100
50
0
0
10
20
30
Charge [ADC]

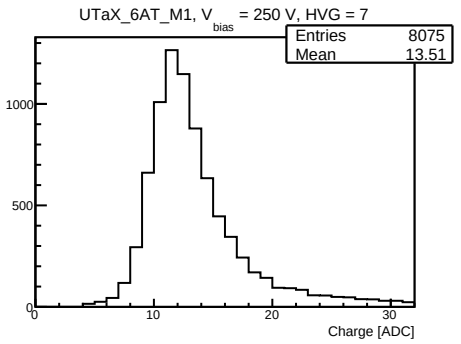

UTaX_2AT_M1, V bias = 250 V, HVG = 3
×10^3
Entries 695568
Mean 13.08
100
50
0
0
10
20
30
Charge [ADC]

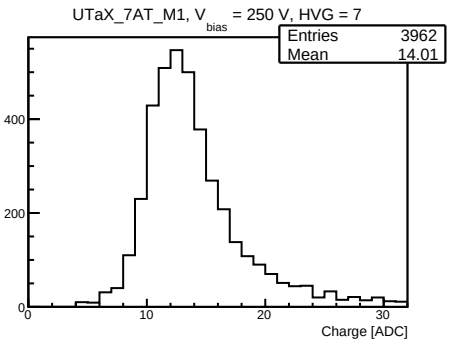

UTaX_2AT_S1, V bias = 250 V, HVG = 4
Entries 377665
Mean 11.6
40000
20000
0
0
10
20
30
Charge [ADC]

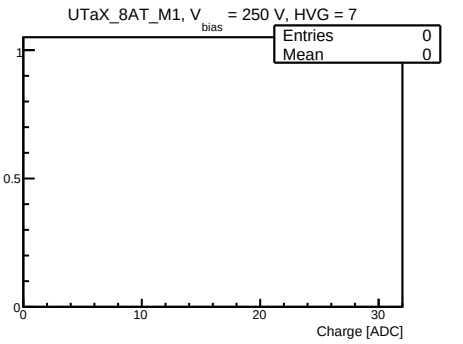

UTaX_3AT_M1, V bias = 250 V, HVG = 5
Entries 199586
Mean 13.16
30000
20000
10000
0
0
10
20
30
Charge [ADC]

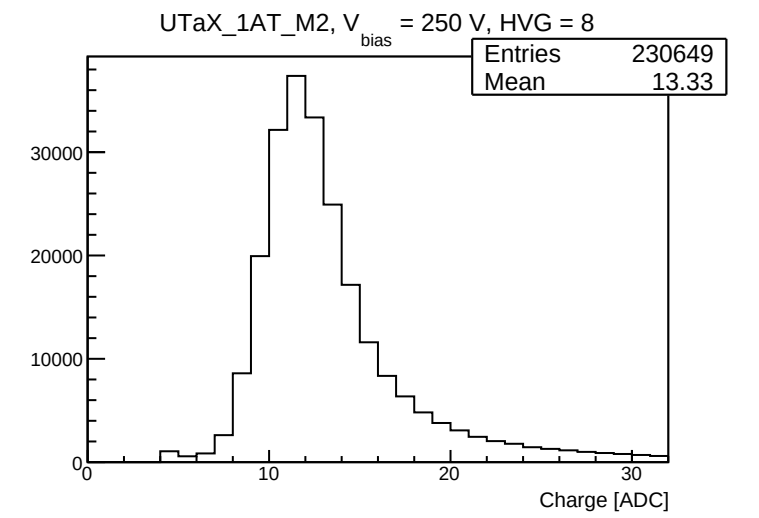

UTaX_4AT_M1, V bias = 250 V, HVG = 6
Entries 70962
Mean 13.52
10000
5000
0
0
10
20
30
Charge [ADC]

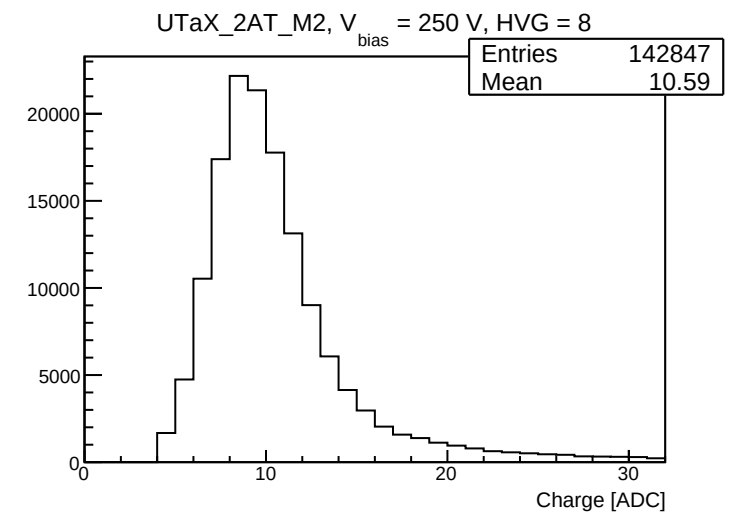

UTaX_5AT_M1, V bias = 250 V, HVG = 6
Entries 25708
Mean 13.82
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

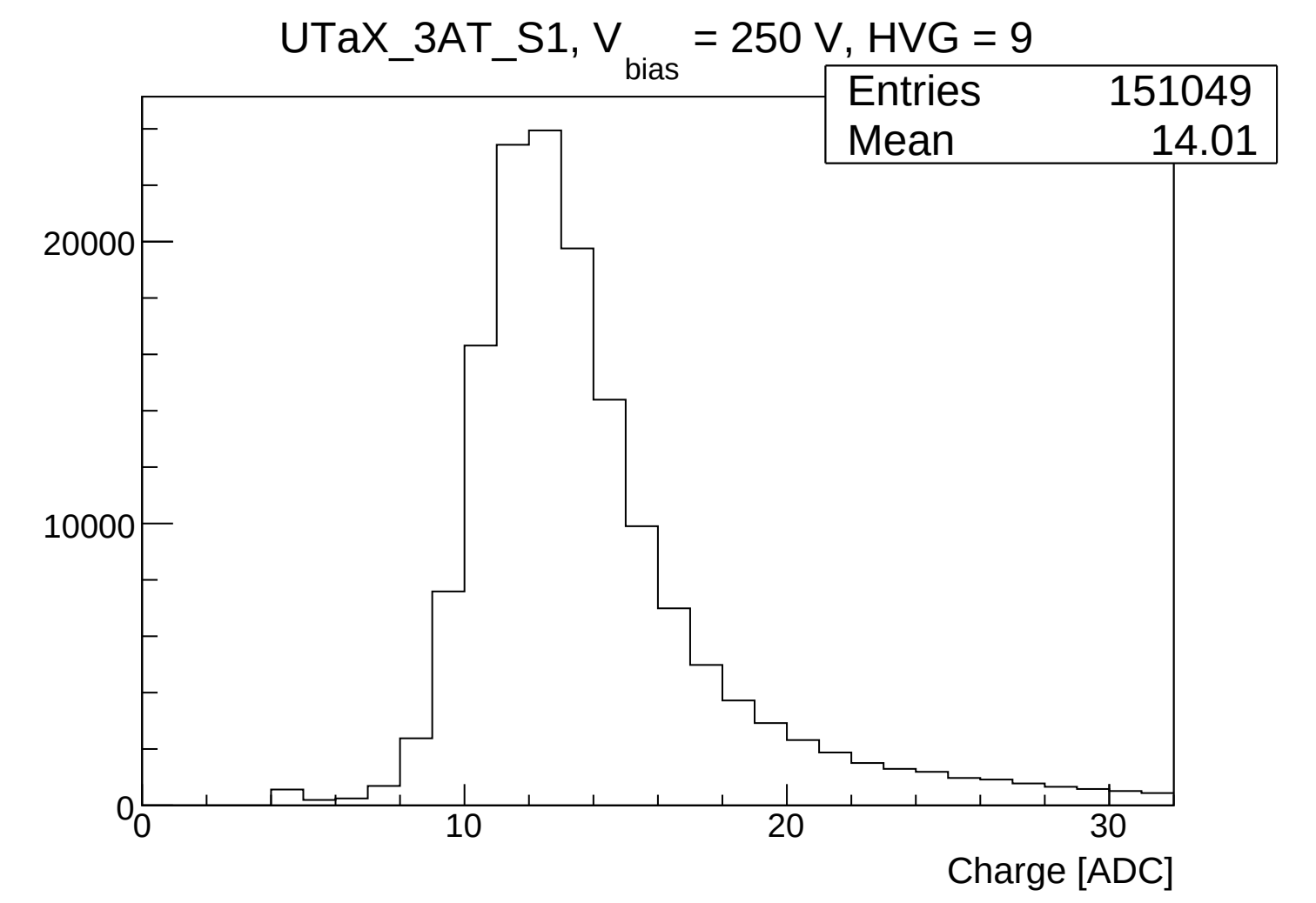

UTaX_6AT_M1, V bias = 250 V, HVG = 7
Entries 8075
Mean 13.51
1000
500
0
0
10
20
30
Charge [ADC]

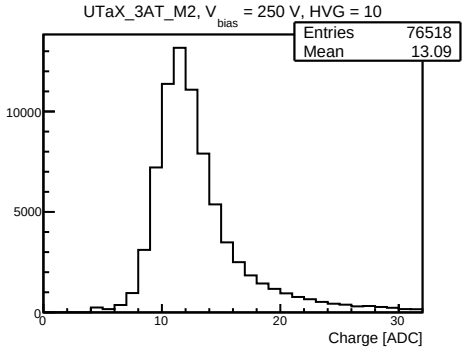

UTaX_7AT_M1, V bias = 250 V, HVG = 7
Entries 3962
Mean 14.01
400
200
0
0
10
20
30
Charge [ADC]

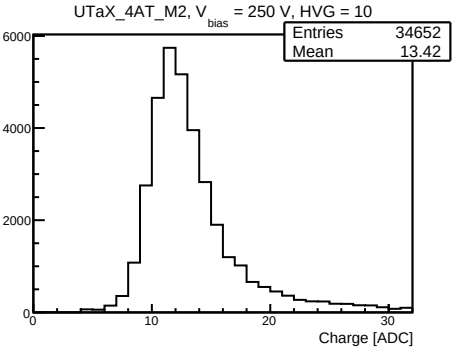

UTaX_8AT_M1, V bias = 250 V, HVG = 7
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

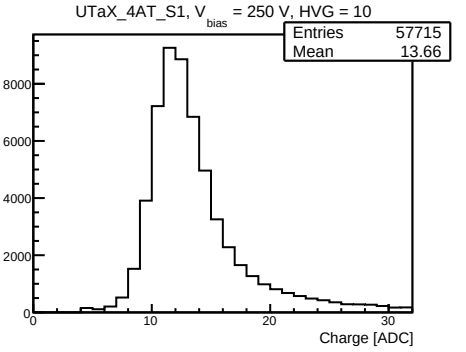

UTaX_1AT_M2, V bias = 250 V, HVG = 8
Entries 230649
Mean 13.33
30000
20000
10000
0
0
10
20
30
Charge [ADC]

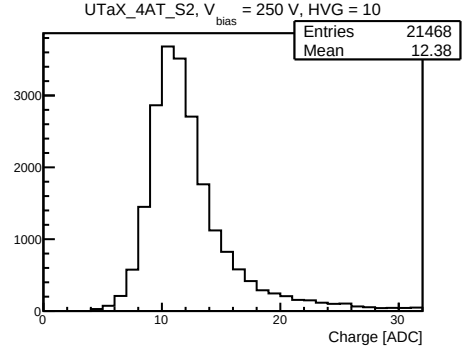

UTaX_2AT_M2, V bias = 250 V, HVG = 8
Entries 142847
Mean 10.59
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

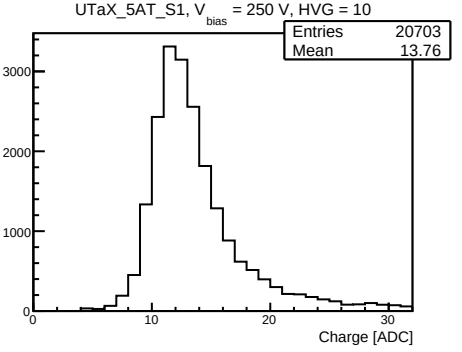

UTaX_3AT_S1, V bias = 250 V, HVG = 9
Entries 151049
Mean 14.01
20000
10000
0
0
10
20
30
Charge [ADC]

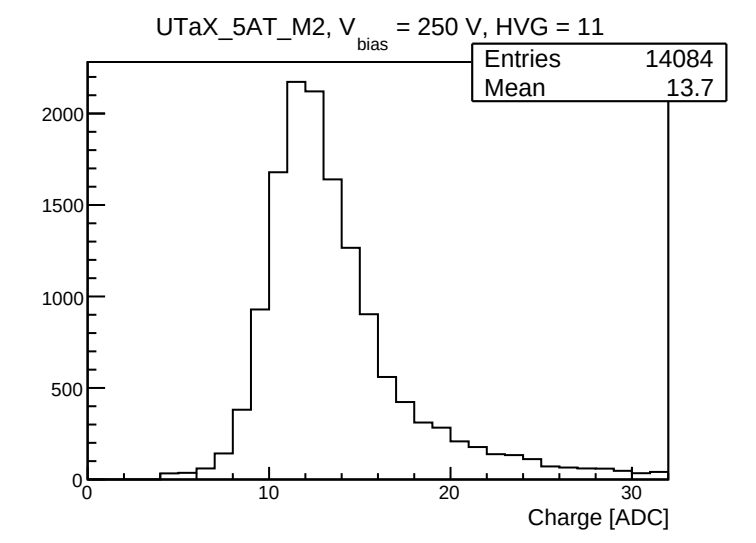

UTaX_3AT_M2, V bias = 250 V, HVG = 10
Entries 76518
Mean 13.09
Charge [ADC]

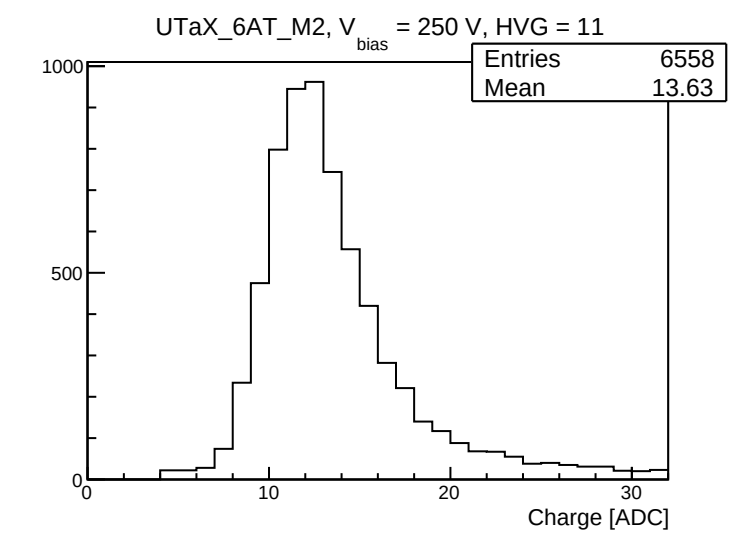

UTaX_4AT_M2, V bias = 250 V, HVG = 10
Entries 34652
Mean 13.42
Charge [ADC]

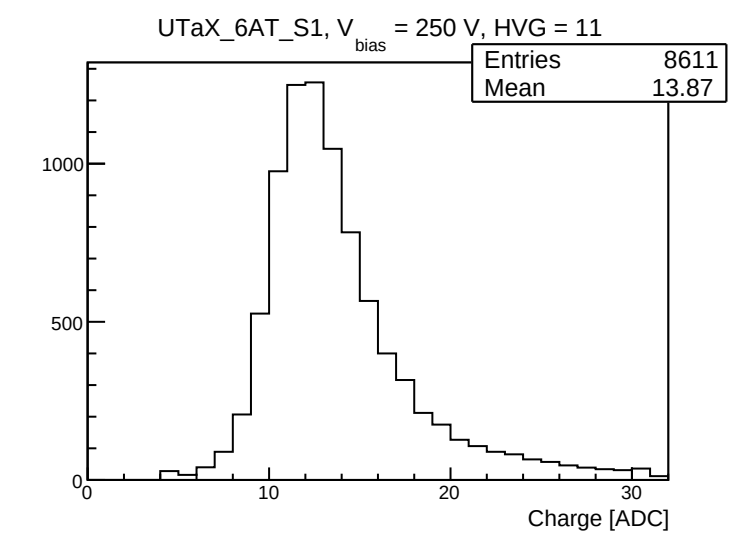

UTaX_4AT_S1, V bias = 250 V, HVG = 10
Entries 57715
Mean 13.66
Charge [ADC]

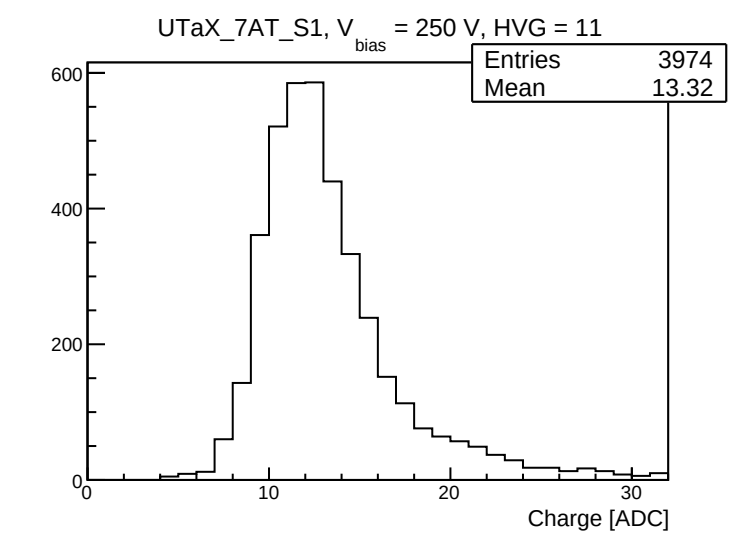

UTaX_4AT_S2, V bias = 250 V, HVG = 10
Entries 21468
Mean 12.38
Charge [ADC]

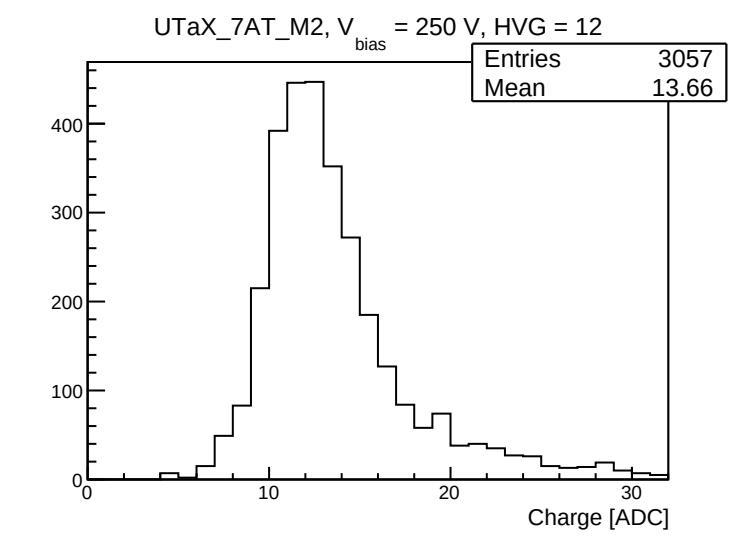

UTaX_5AT_S1, V bias = 250 V, HVG = 10
Entries 20703
Mean 13.76
Charge [ADC]

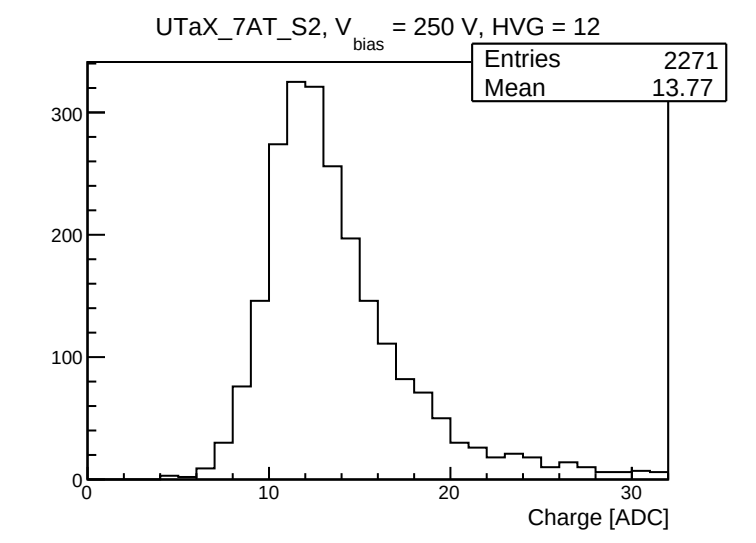

UTaX_5AT_M2, V bias = 250 V, HVG = 11
Entries 14084
Mean 13.7
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

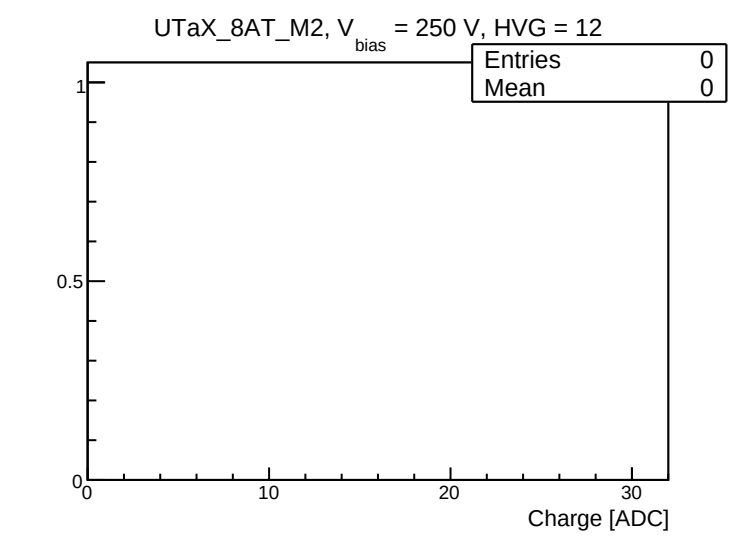

UTaX_6AT_M2, V bias = 250 V, HVG = 11
Entries 6558
Mean 13.63
1000
500
0
0
10
20
30
Charge [ADC]

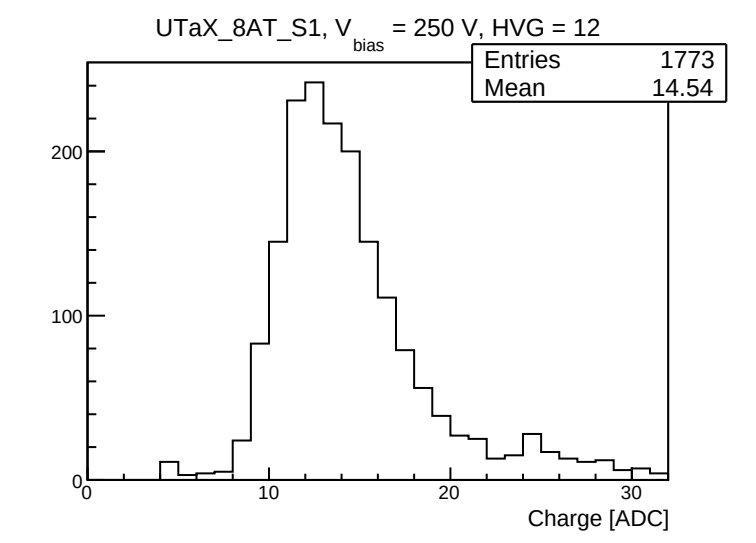

UTaX_6AT_S1, V bias = 250 V, HVG = 11
Entries 8611
Mean 13.87
1000
500
0
0
10
20
30
Charge [ADC]

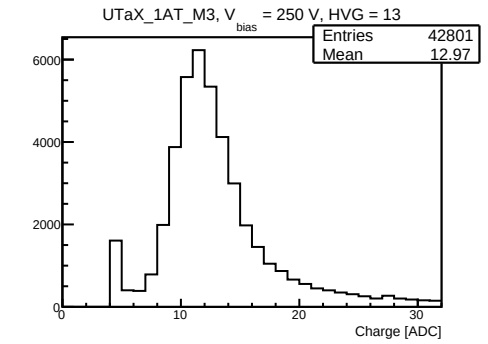

UTaX_7AT_S1, V bias = 250 V, HVG = 11
Entries 3974
Mean 13.32
600
400
200
0
0
10
20
30
Charge [ADC]

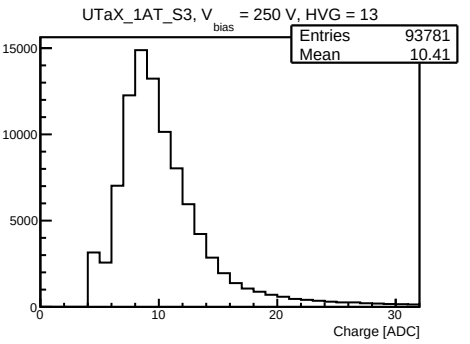

UTaX_7AT_M2, V bias = 250 V, HVG = 12
Entries 3057
Mean 13.66
Charge [ADC]

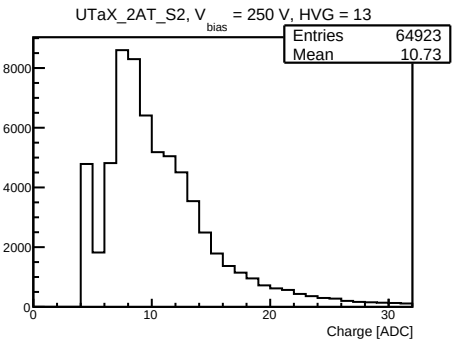

UTaX_7AT_S2, V bias = 250 V, HVG = 12
Entries 2271
Mean 13.77
Charge [ADC]

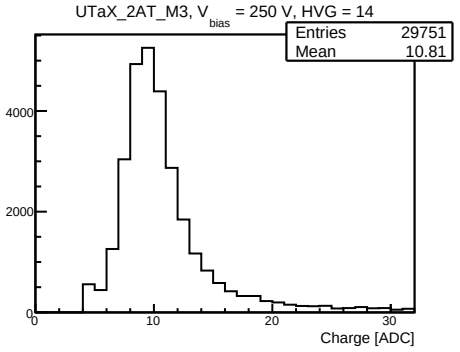

UTaX_8AT_M2, V bias = 250 V, HVG = 12
Entries 0
Mean 0
Charge [ADC]

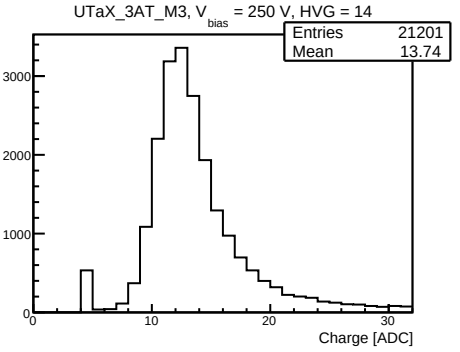

UTaX_8AT_S1, V bias = 250 V, HVG = 12
Entries 1773
Mean 14.54
Charge [ADC]

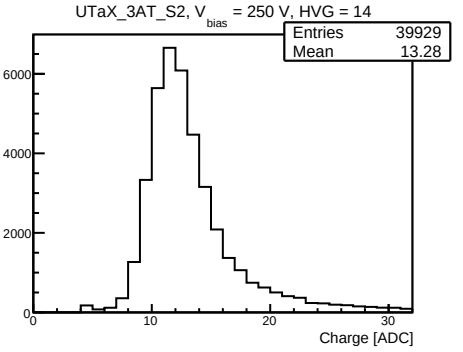

UTaX_1AT_M3, V bias = 250 V, HVG = 13
Entries 42801
Mean 12.97
6000
4000
2000
0
0
10
20
30
Charge [ADC]

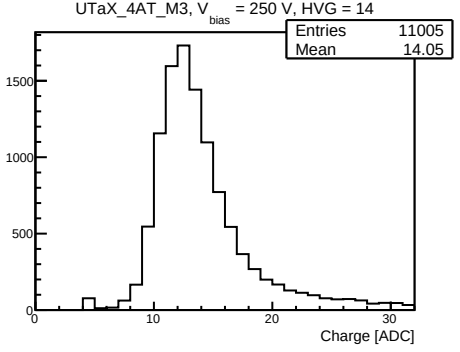

UTaX_1AT_S3, V bias = 250 V, HVG = 13
Entries 93781
Mean 10.41
15000
10000
5000
0
0
10
20
30
Charge [ADC]

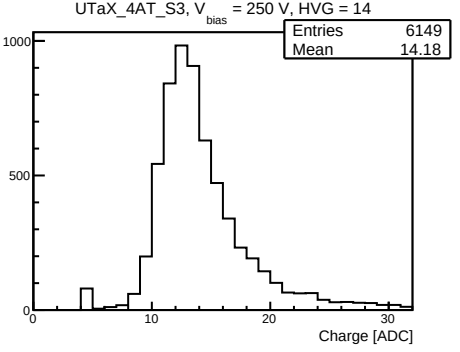

UTaX_2AT_S2, V bias = 250 V, HVG = 13
Entries 64923
Mean 10.73
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

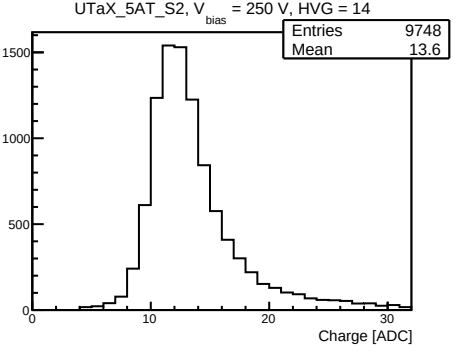

UTaX_2AT_M3, V bias = 250 V, HVG = 14
Entries 29751
Mean 10.81
Charge [ADC]

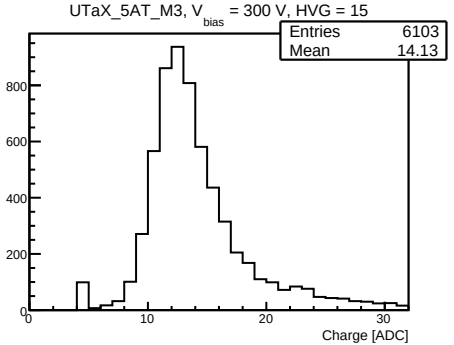

UTaX_3AT_M3, V bias = 250 V, HVG = 14
Entries 21201
Mean 13.74
Charge [ADC]

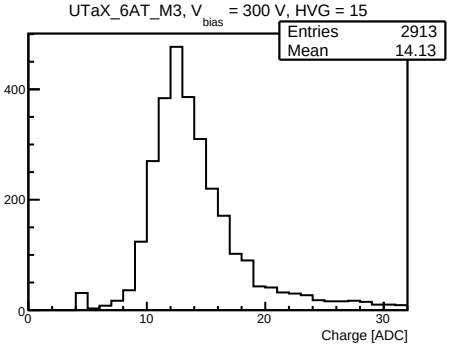

UTaX_3AT_S2, V bias = 250 V, HVG = 14
Entries 39929
Mean 13.28
Charge [ADC]

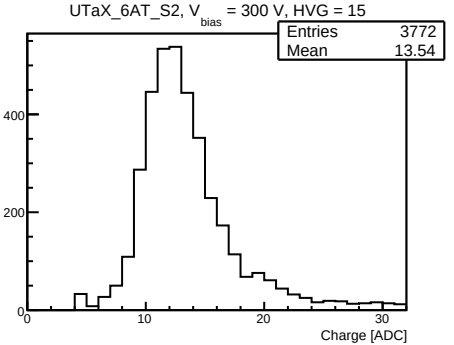

UTaX_4AT_M3, V bias = 250 V, HVG = 14
Entries 11005
Mean 14.05
Charge [ADC]

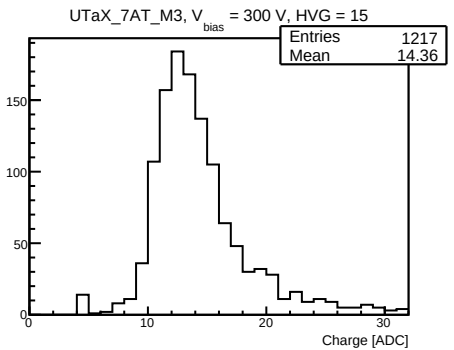

UTaX_4AT_S3, V bias = 250 V, HVG = 14
Entries 6149
Mean 14.18
Charge [ADC]

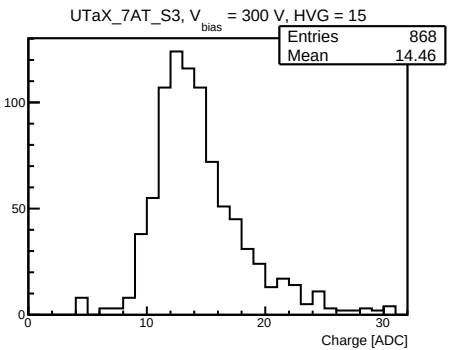

UTaX_5AT_S2, V bias = 250 V, HVG = 14
Entries 9748
Mean 13.6
Charge [ADC]

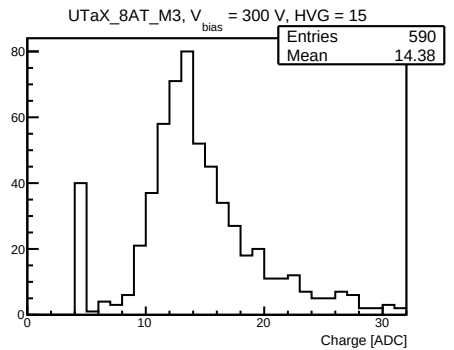

UTaX_5AT_M3, V bias = 300 V, HVG = 15
Entries 6103
Mean 14.13
Charge [ADC]

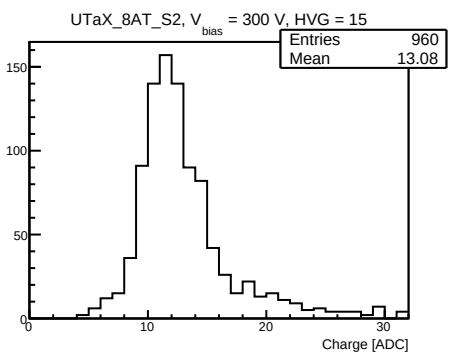

UTaX_6AT_M3, V bias = 300 V, HVG = 15
Entries 2913
Mean 14.13
Charge [ADC]

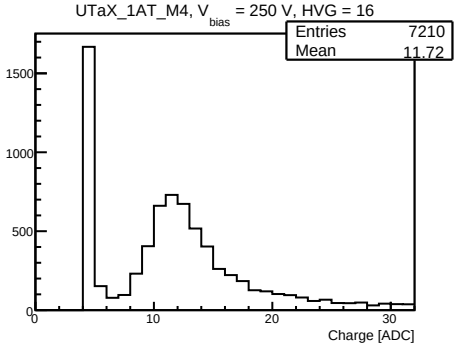

UTaX_6AT_S2, V bias = 300 V, HVG = 15
Entries 3772
Mean 13.54
Charge [ADC]

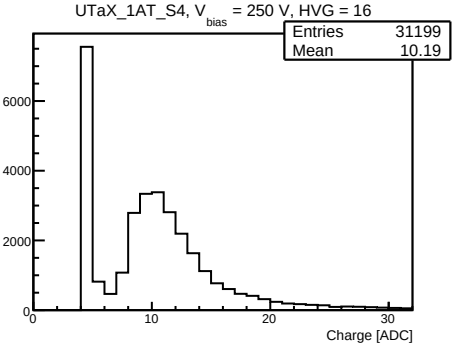

UTaX_7AT_M3, V bias = 300 V, HVG = 15
Entries 1217
Mean 14.36
Charge [ADC]

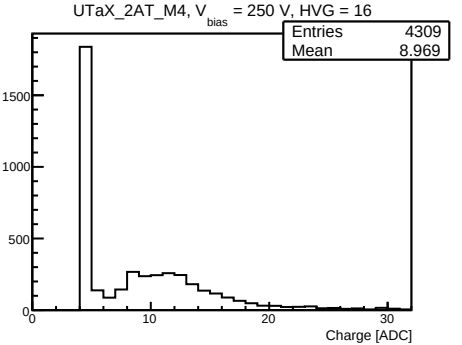

UTaX_7AT_S3, V bias = 300 V, HVG = 15
Entries 868
Mean 14.46
Charge [ADC]

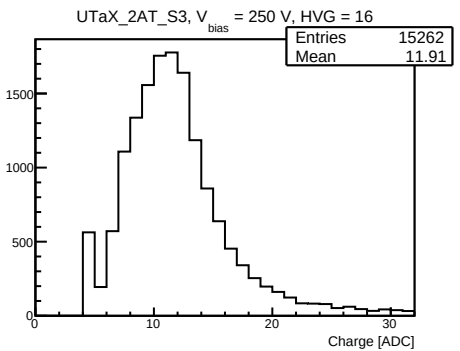

UTaX_8AT_M3, V bias = 300 V, HVG = 15
Entries 590
Mean 14.38
Charge [ADC]

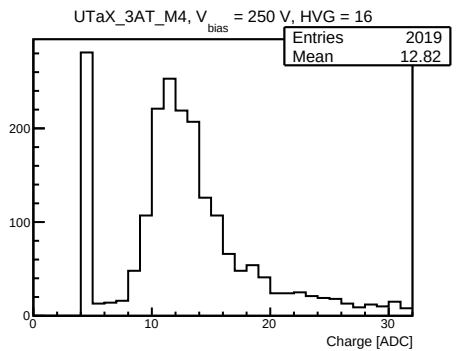

UTaX_8AT_S2, V bias = 300 V, HVG = 15
Entries 960
Mean 13.08
Charge [ADC]

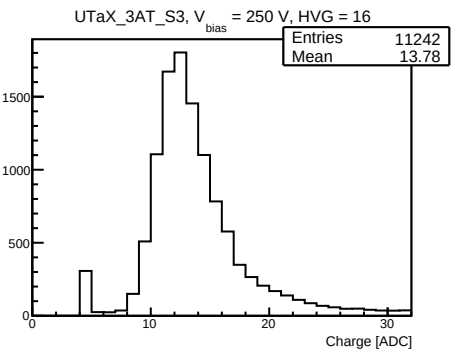

UTaX_1AT_M4, V bias = 250 V, HVG = 16
Entries 7210
Mean 11.72
Charge [ADC]

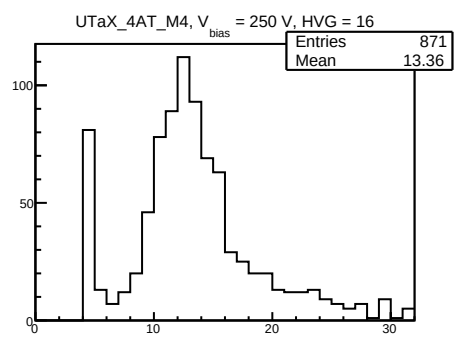

UTaX_1AT_S4, V bias = 250 V, HVG = 16
Entries 31199
Mean 10.19
Charge [ADC]

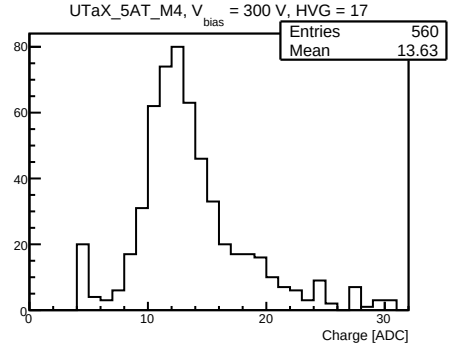

UTaX_2AT_M4, V bias = 250 V, HVG = 16
Entries 4309
Mean 8.969
Charge [ADC]

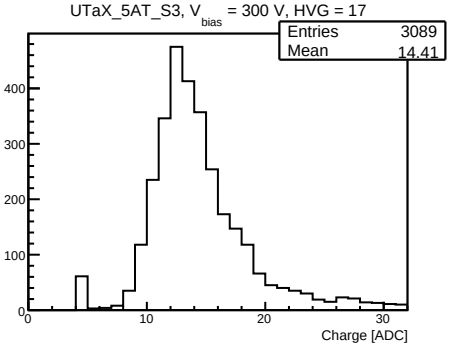

UTaX_2AT_S3, V bias = 250 V, HVG = 16
Entries 15262
Mean 11.91
Charge [ADC]

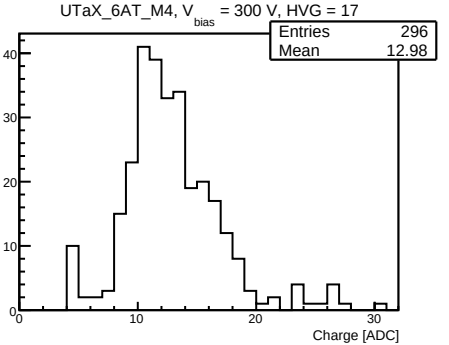

UTaX_3AT_M4, V bias = 250 V, HVG = 16
Entries 2019
Mean 12.82
Charge [ADC]

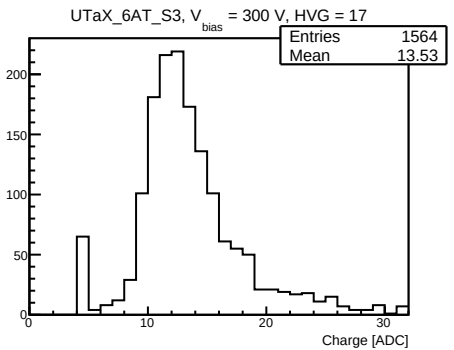

UTaX_3AT_S3, V bias = 250 V, HVG = 16
Entries 11242
Mean 13.78
Charge [ADC]

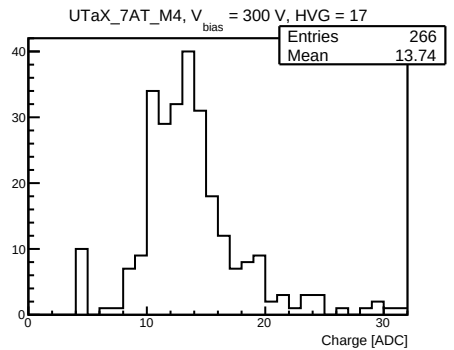

UTaX_4AT_M4, V bias = 250 V, HVG = 16
Entries 871
Mean 13.36
Charge [ADC]

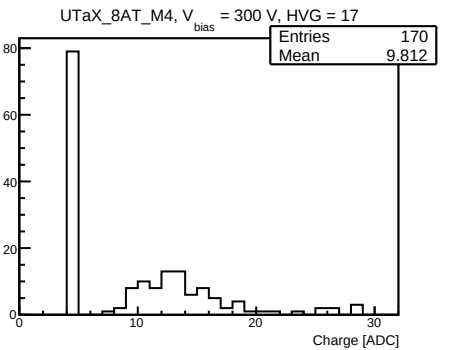

UTaX_5AT_M4, V bias = 300 V, HVG = 17
Entries 560
Mean 13.63
Charge [ADC]

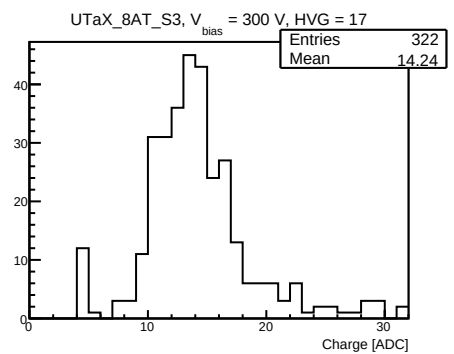

UTaX_5AT_S3, V bias = 300 V, HVG = 17
Entries 3089
Mean 14.41
Charge [ADC]

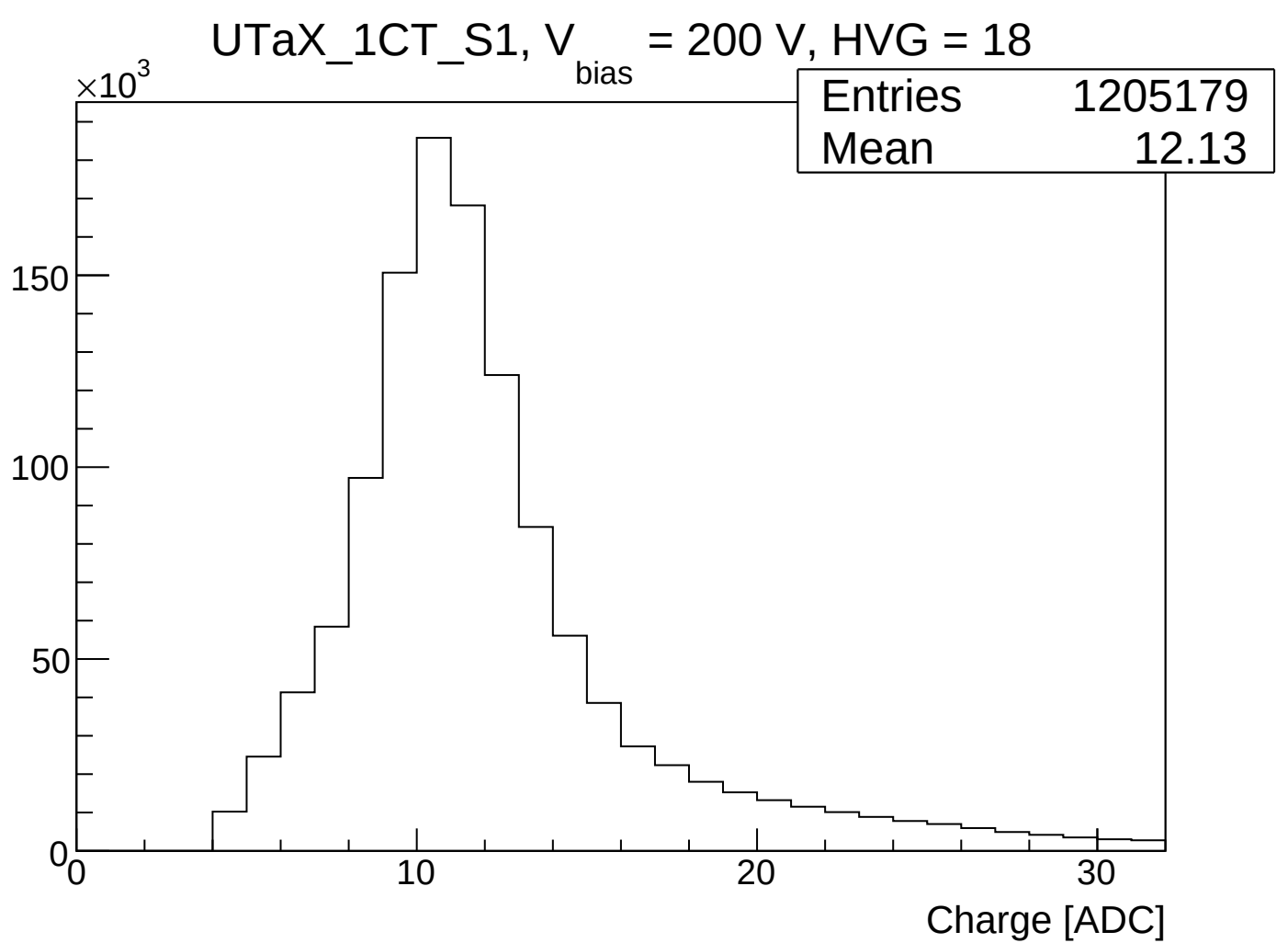

UTaX_6AT_M4, V bias = 300 V, HVG = 17
Entries 296
Mean 12.98
Charge [ADC]

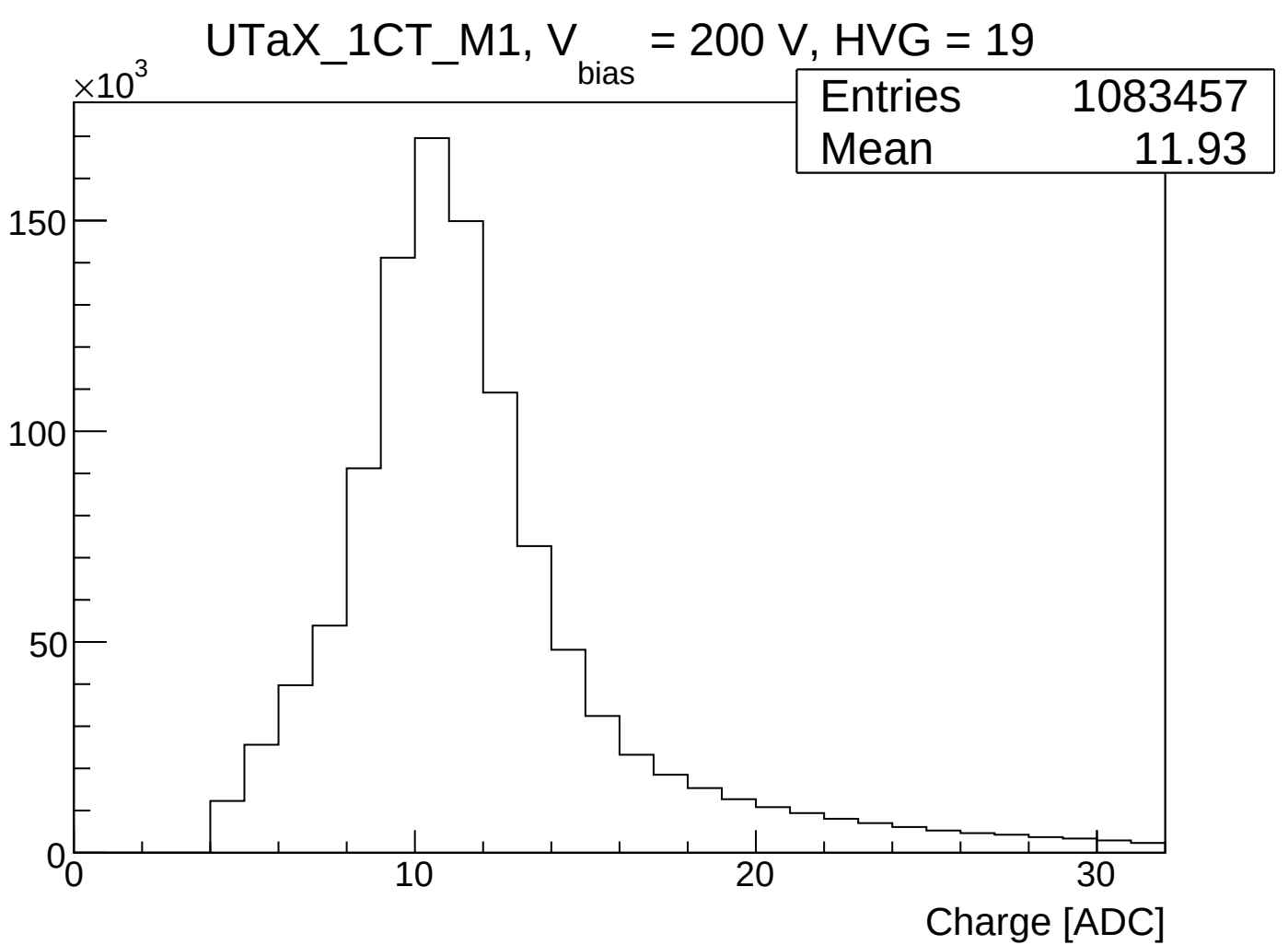

UTaX_6AT_S3, V bias = 300 V, HVG = 17
Entries 1564
Mean 13.53
Charge [ADC]

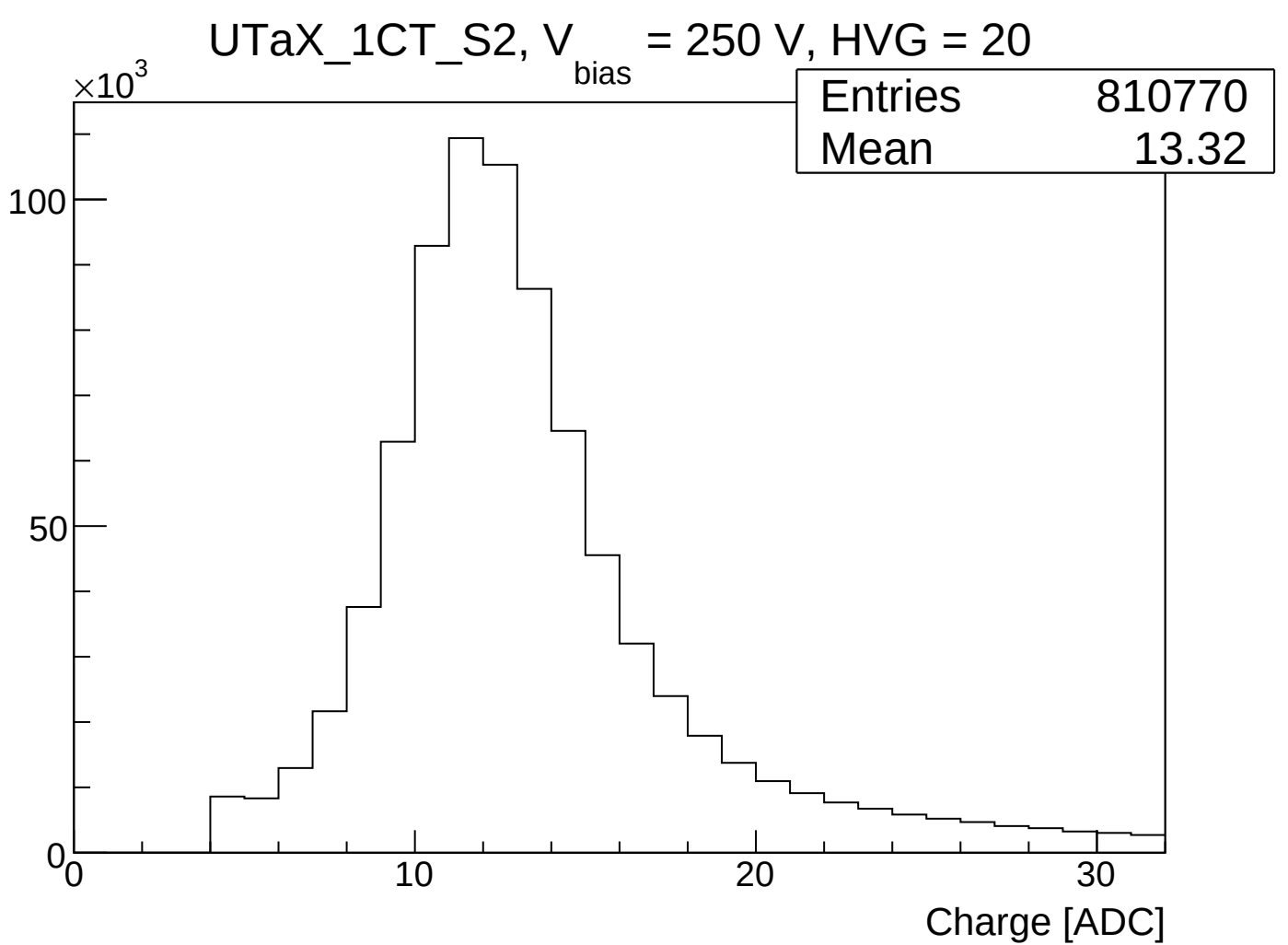

UTaX_7AT_M4, V bias = 300 V, HVG = 17
Entries 266
Mean 13.74
Charge [ADC]

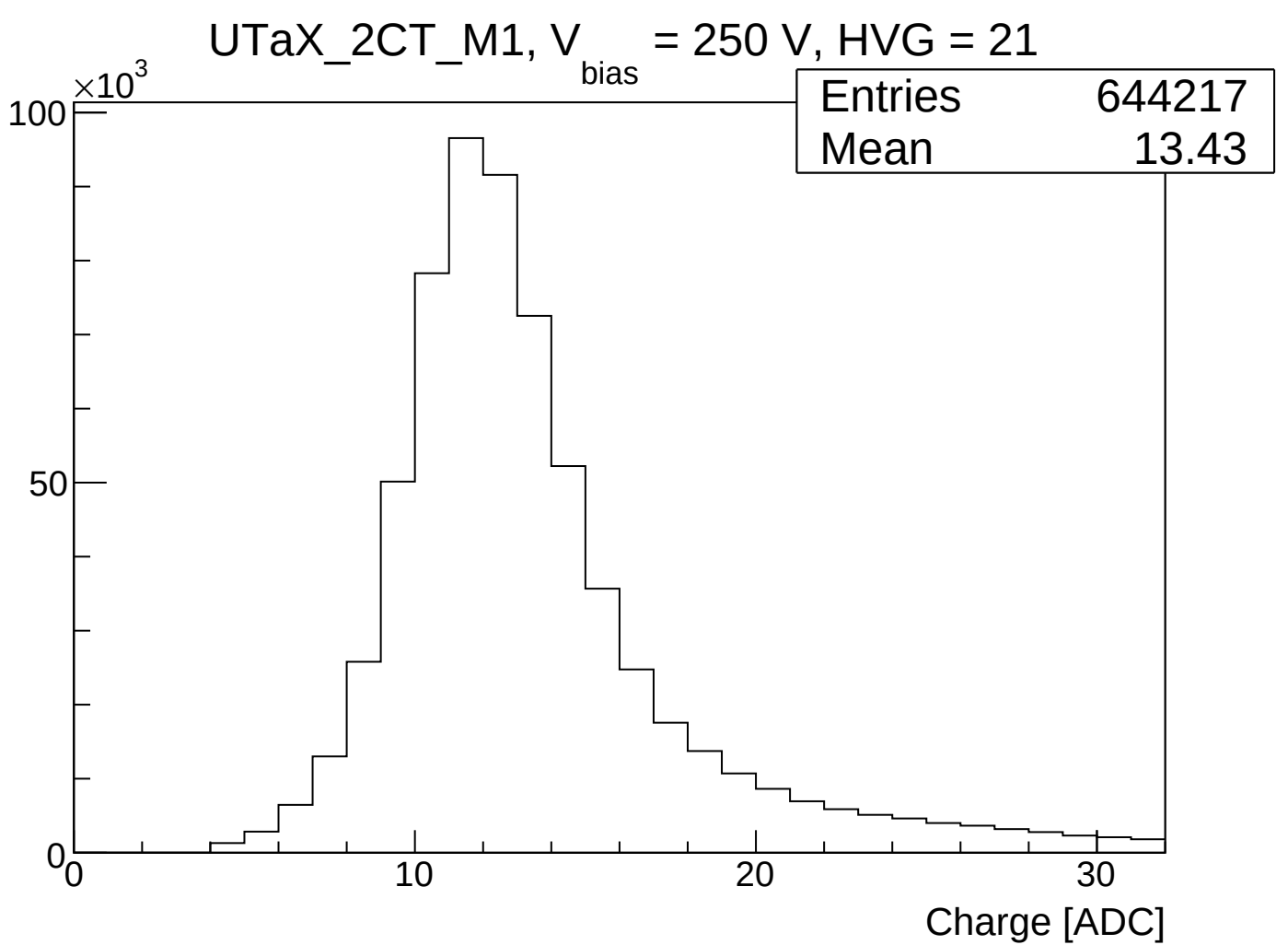

UTaX_8AT_M4, V bias = 300 V, HVG = 17
Entries 170
Mean 9.812
Charge [ADC]

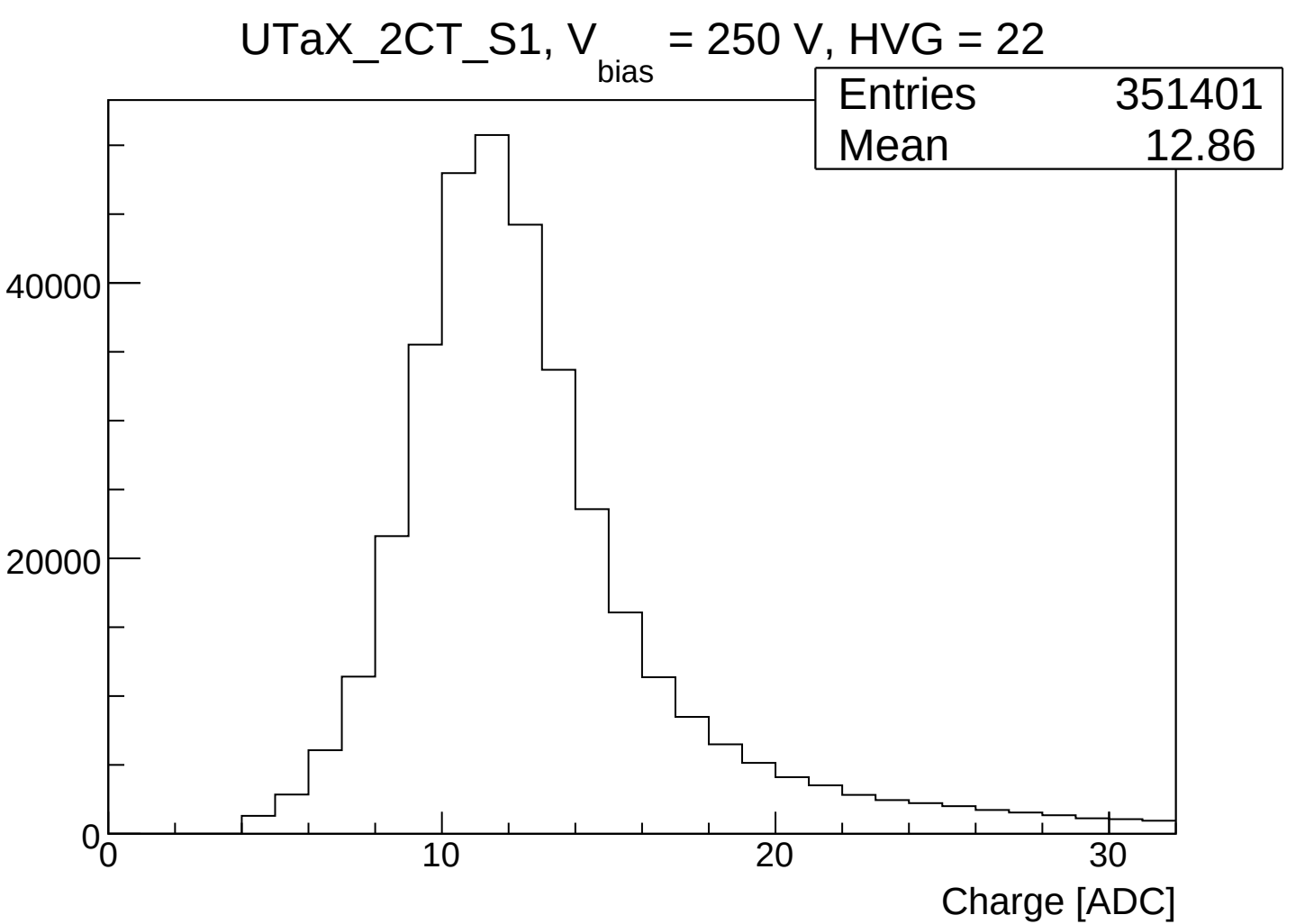

UTaX_8AT_S3, V bias = 300 V, HVG = 17
Entries 322
Mean 14.24
Charge [ADC]

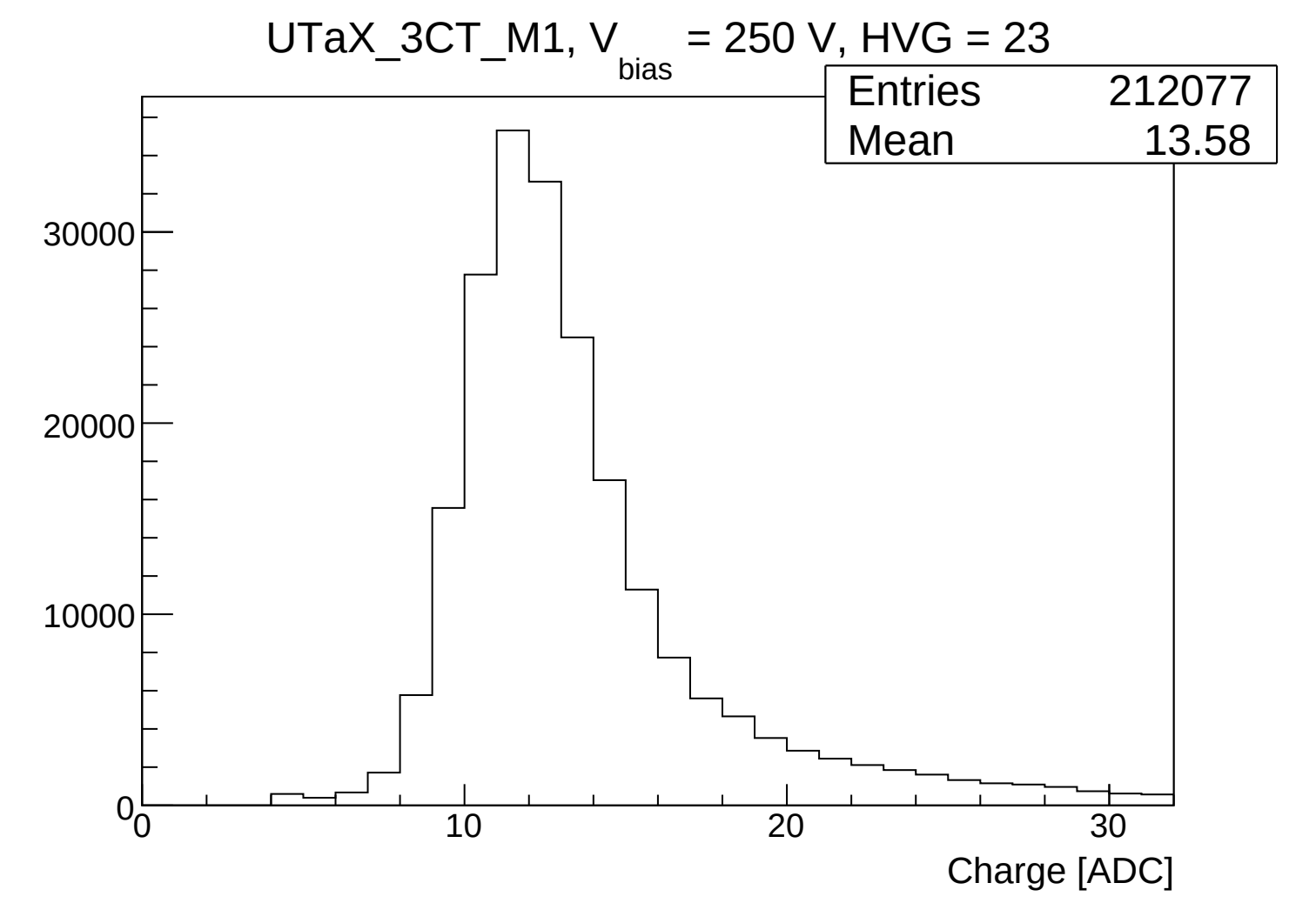

UTaX_1CT_S1, V bias = 200 V, HVG = 18
×10^3
Entries 1205179
Mean 12.13
150
100
50
0
0
10
20
30
Charge [ADC]

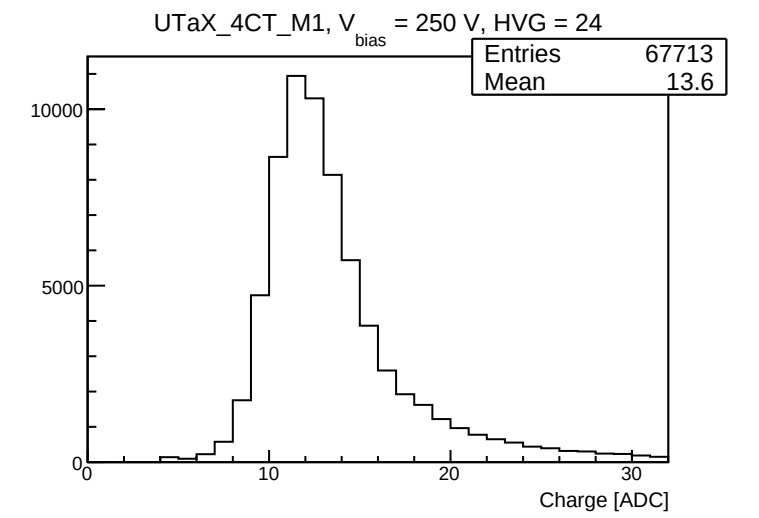

UTaX_1CT_M1, V bias = 200 V, HVG = 19
×10^3
Entries 1083457
Mean 11.93
150
100
50
0
0
10
20
30
Charge [ADC]

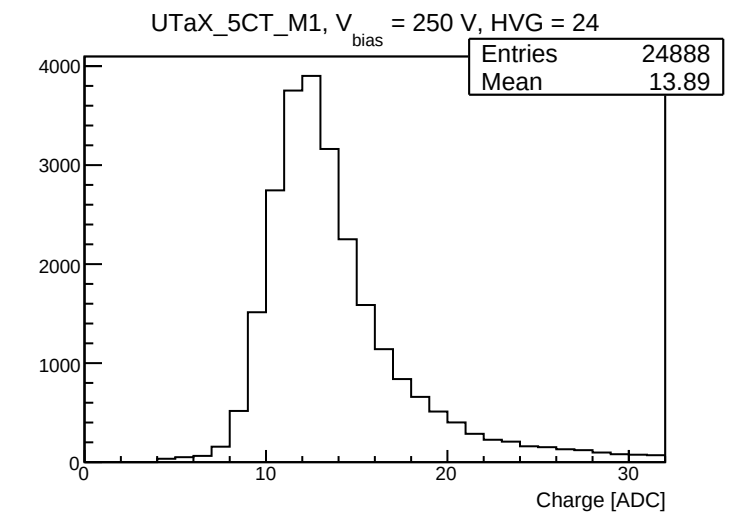

UTaX_1CT_S2, V bias = 250 V, HVG = 20
×10^3
Entries 810770
Mean 13.32
100
50
0
0
10
20
30
Charge [ADC]

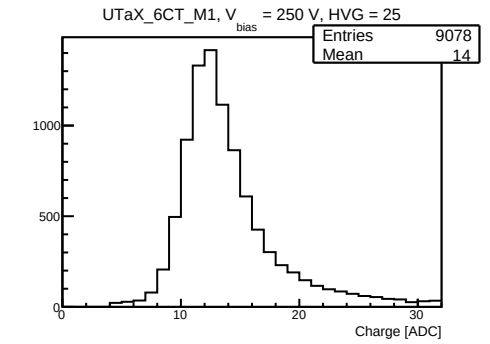

UTaX_2CT_M1, V bias = 250 V, HVG = 21
×10^3
100
50
0
0
10
20
30
Charge [ADC]
Entries 644217
Mean 13.43

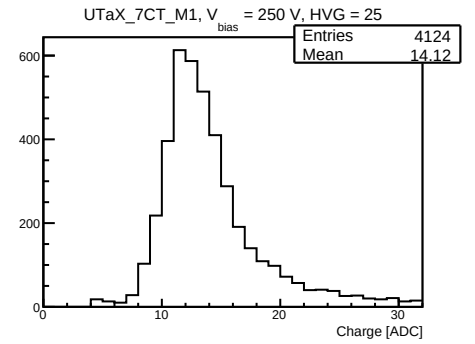

UTaX_2CT_S1, V bias = 250 V, HVG = 22
Entries 351401
Mean 12.86
40000
20000
0
0
10
20
30
Charge [ADC]

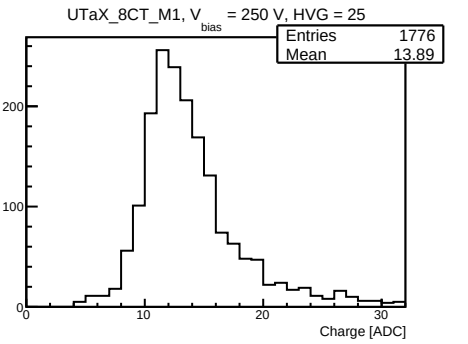

UTaX_3CT_M1, V bias = 250 V, HVG = 23
Entries 212077
Mean 13.58
30000
20000
10000
0
0
10
20
30
Charge [ADC]

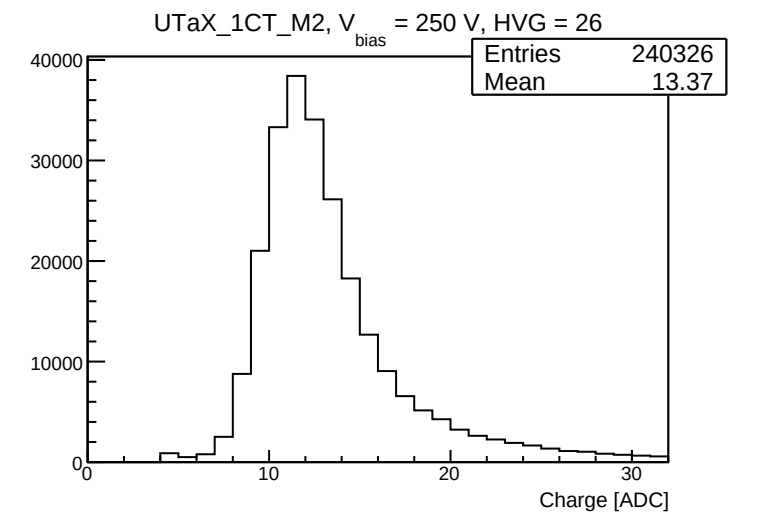

UTaX_4CT_M1, V bias = 250 V, HVG = 24
Entries 67713
Mean 13.6
10000
5000
0
0
10
20
30
Charge [ADC]

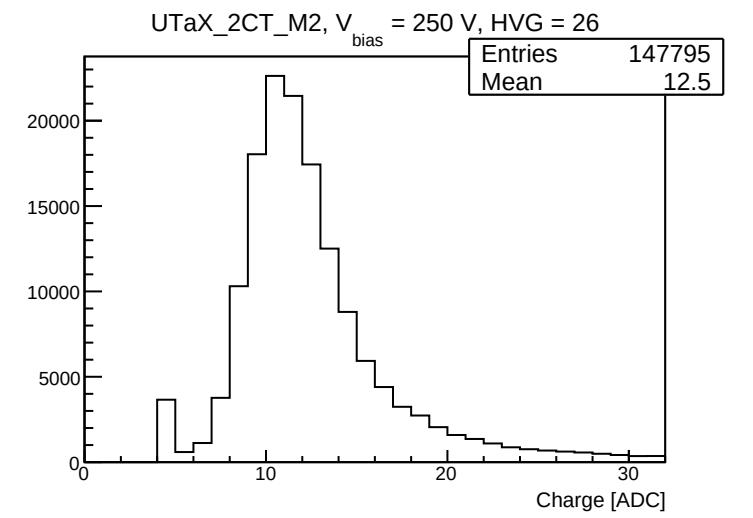

UTaX_5CT_M1, V bias = 250 V, HVG = 24
Entries 24888
Mean 13.89
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

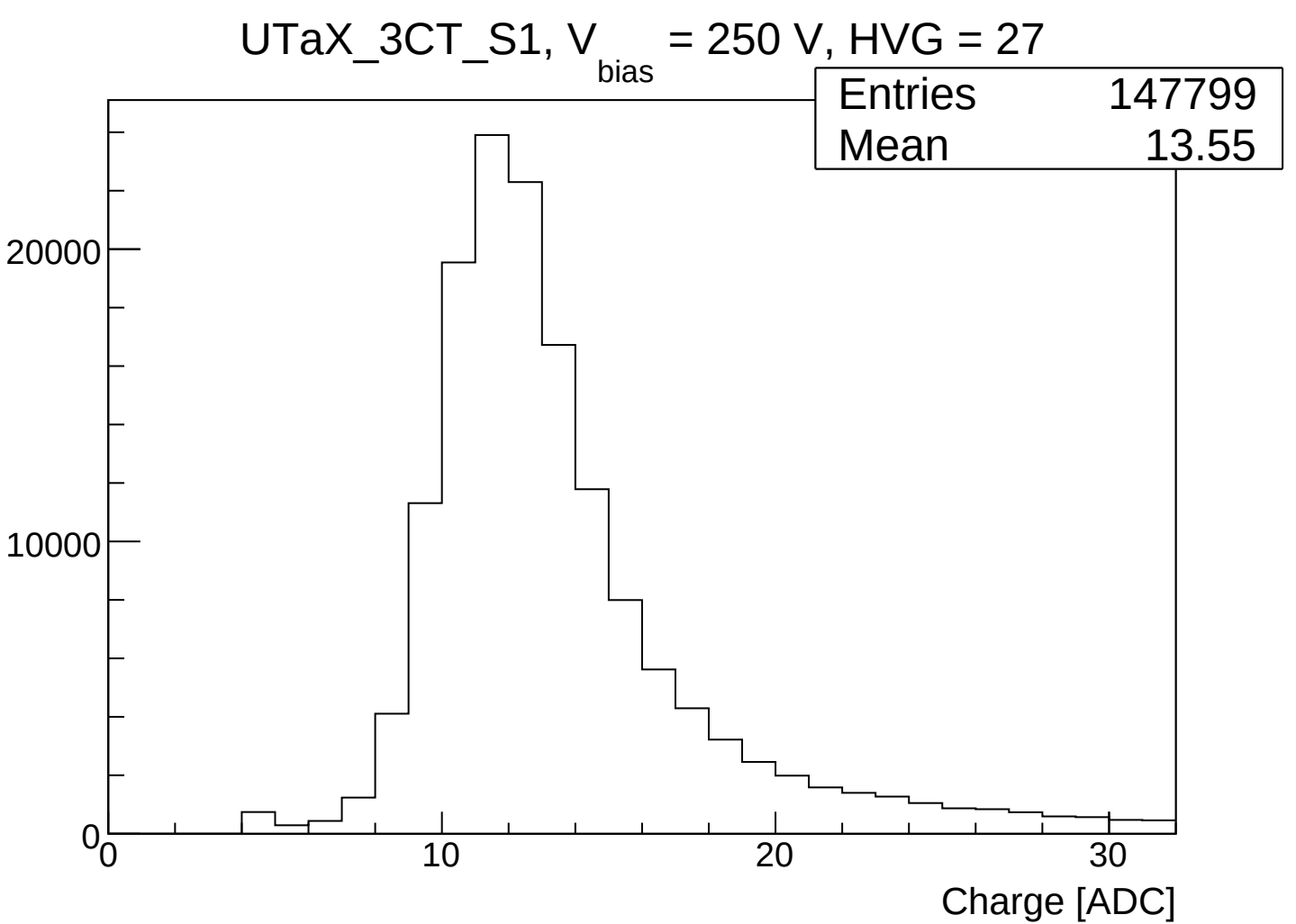

UTaX_6CT_M1, V bias = 250 V, HVG = 25
Entries 9078
Mean 14
1000
500
0
0
10
20
30
Charge [ADC]

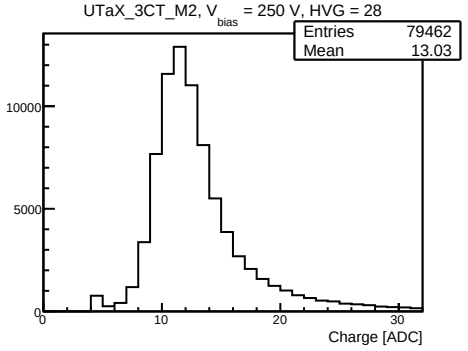

UTaX_7CT_M1, V bias = 250 V, HVG = 25
Entries 4124
Mean 14.12
600
400
200
0
0
10
20
30
Charge [ADC]

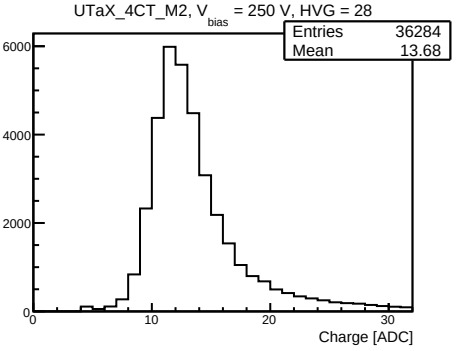

UTaX_8CT_M1, V bias = 250 V, HVG = 25
Entries 1776
Mean 13.89
200
100
0
0
10
20
30
Charge [ADC]

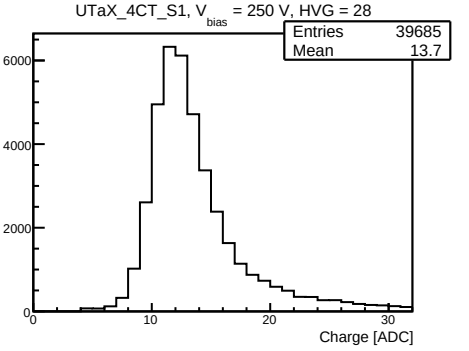

UTaX_1CT_M2, V bias = 250 V, HVG = 26
Entries 240326
Mean 13.37
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

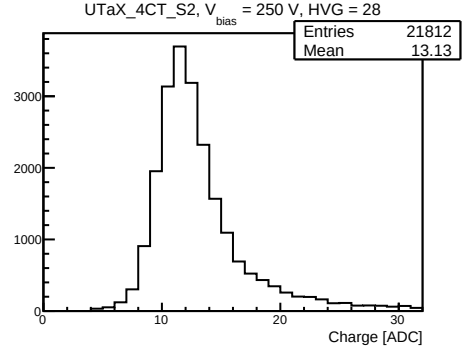

UTaX_2CT_M2, V bias = 250 V, HVG = 26
Entries 147795
Mean 12.5
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

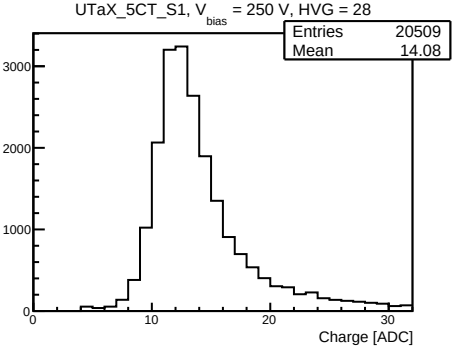

UTaX_3CT_S1, V bias = 250 V, HVG = 27
Entries 147799
Mean 13.55
20000
10000
0
0
10
20
30
Charge [ADC]

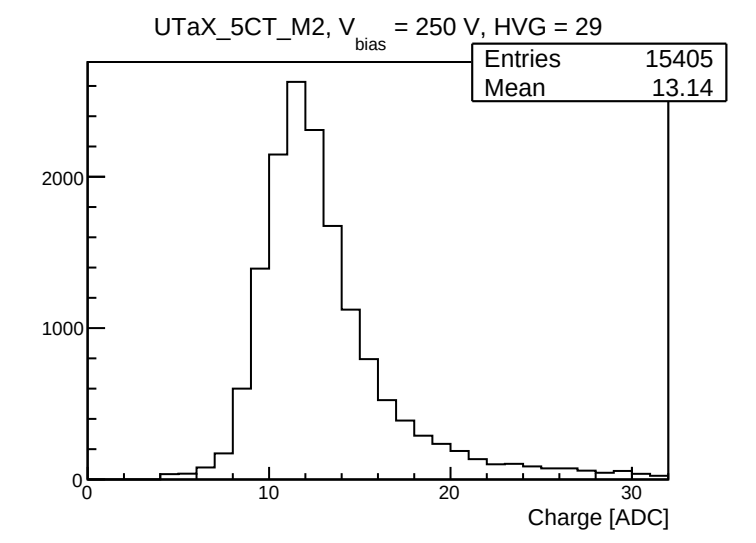

UTaX_3CT_M2, V bias = 250 V, HVG = 28
Entries 79462
Mean 13.03
Charge [ADC]

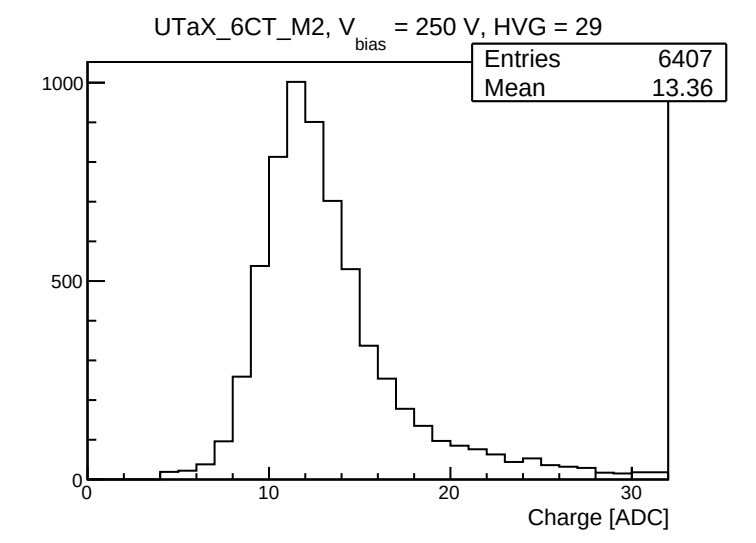

UTaX_4CT_M2, V bias = 250 V, HVG = 28
Entries 36284
Mean 13.68
Charge [ADC]

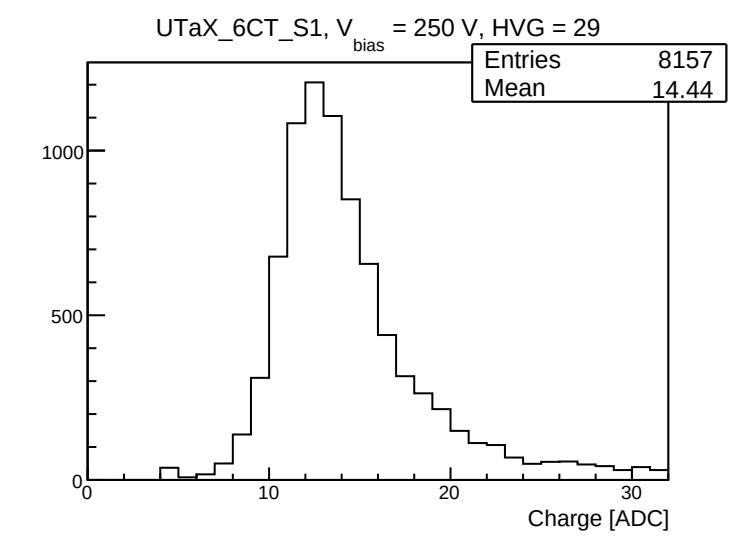

UTaX_4CT_S1, V bias = 250 V, HVG = 28
Entries 39685
Mean 13.7
Charge [ADC]

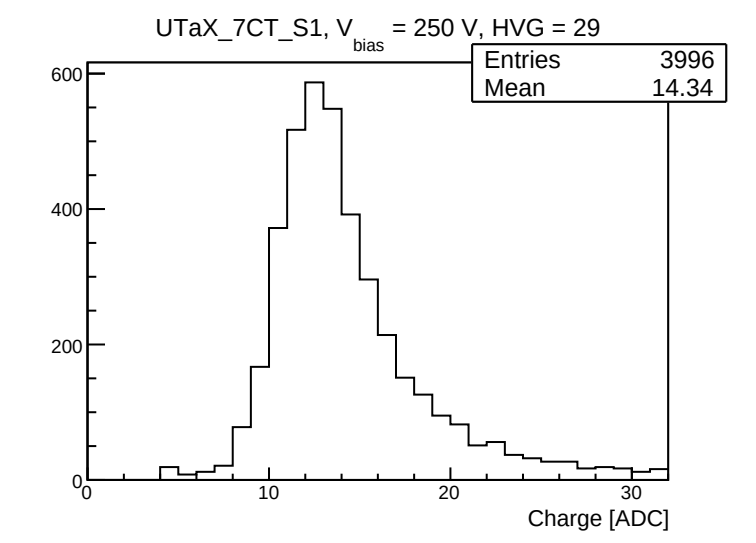

UTaX_4CT_S2, V bias = 250 V, HVG = 28
Entries 21812
Mean 13.13
Charge [ADC]

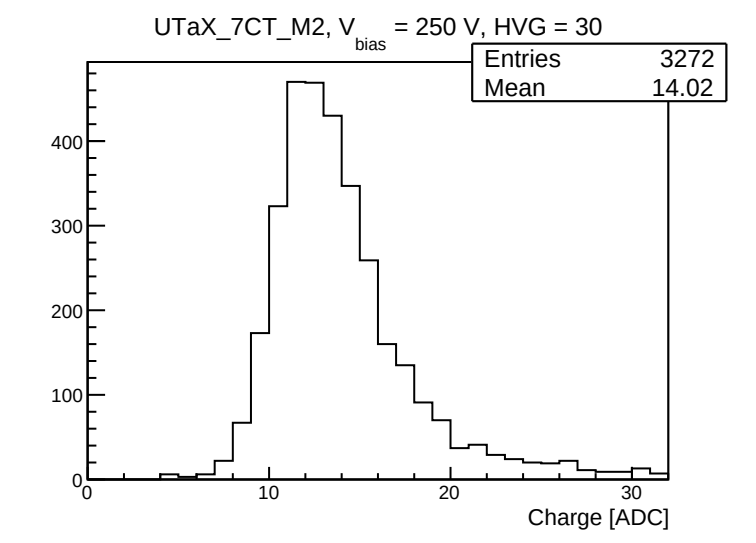

UTaX_5CT_S1, V bias = 250 V, HVG = 28
Entries 20509
Mean 14.08
Charge [ADC]

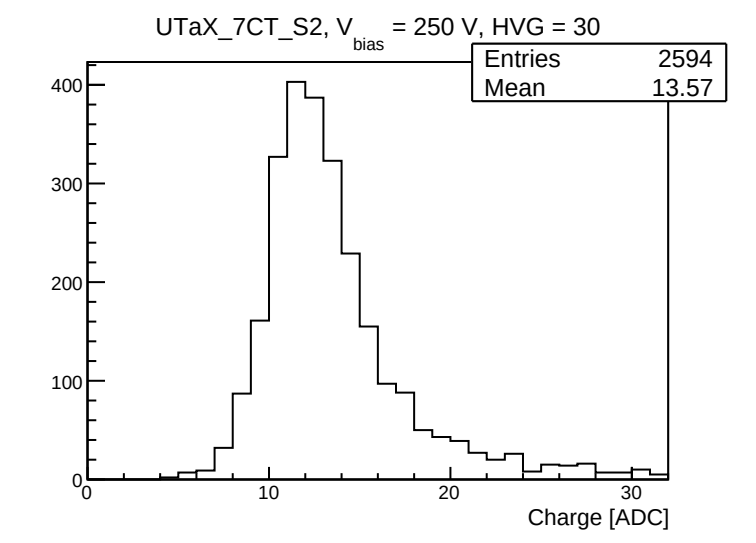

UTaX_5CT_M2, V bias = 250 V, HVG = 29
Entries 15405
Mean 13.14
2000
1000
0
0
10
20
30
Charge [ADC]

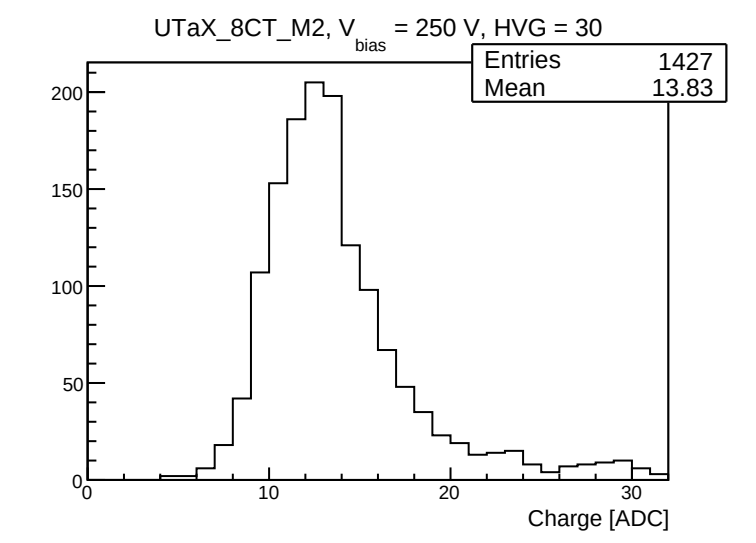

UTaX_6CT_M2, V bias = 250 V, HVG = 29
Entries 6407
Mean 13.36
1000
500
0
0
10
20
30
Charge [ADC]

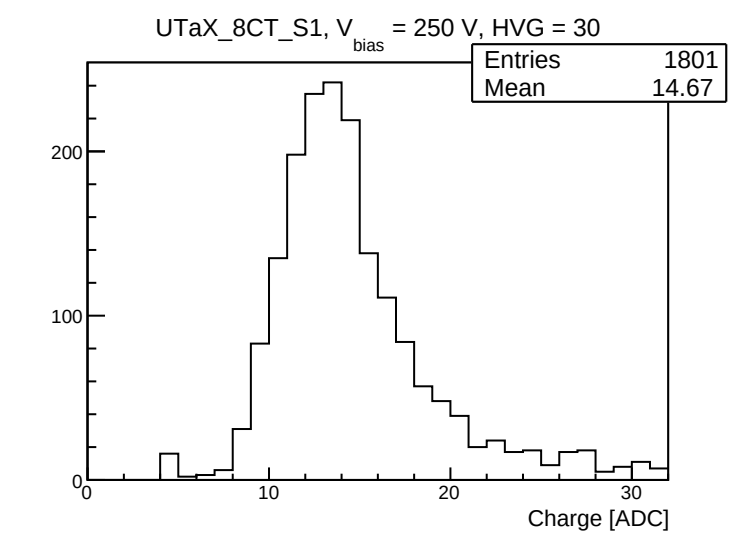

UTaX_6CT_S1, V bias = 250 V, HVG = 29
Entries 8157
Mean 14.44
1000
500
0
0
10
20
30
Charge [ADC]

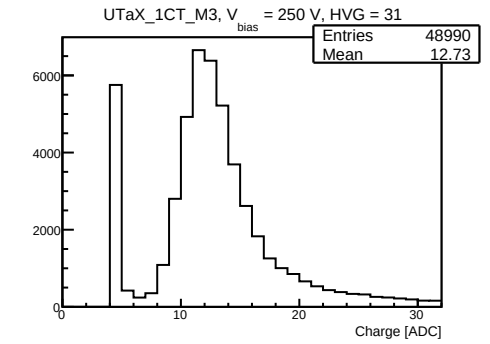

UTaX_7CT_S1, V bias = 250 V, HVG = 29
Entries 3996
Mean 14.34
600
400
200
0
0
10
20
30
Charge [ADC]

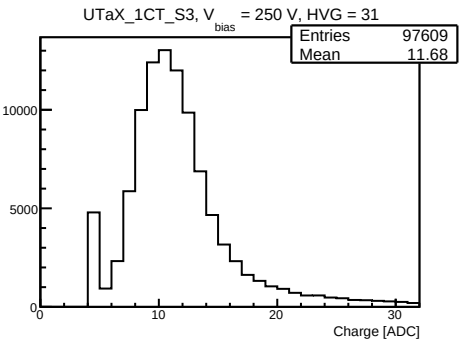

UTaX_7CT_M2, V bias = 250 V, HVG = 30
Entries 3272
Mean 14.02
Charge [ADC]

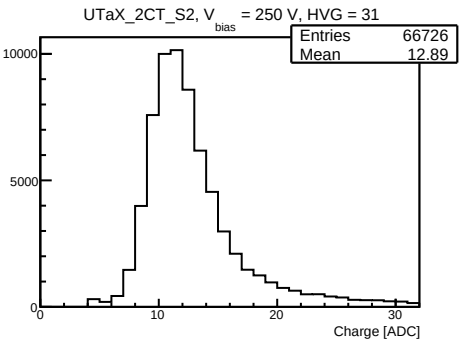

UTaX_7CT_S2, V bias = 250 V, HVG = 30
Entries 2594
Mean 13.57
Charge [ADC]

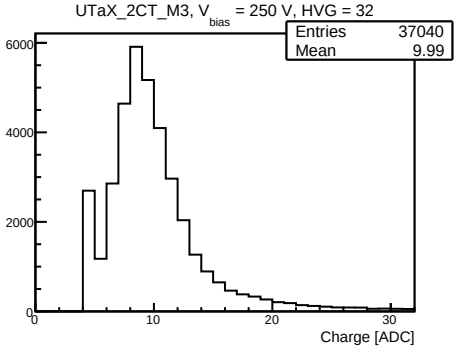

UTaX_8CT_M2, V bias = 250 V, HVG = 30
Entries 1427
Mean 13.83
Charge [ADC]

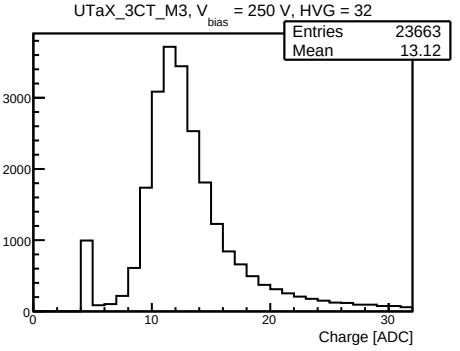

UTaX_8CT_S1, V bias = 250 V, HVG = 30
Entries 1801
Mean 14.67
Charge [ADC]

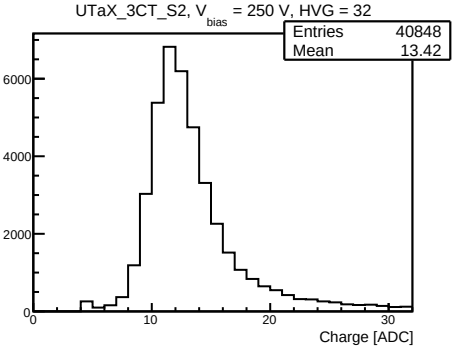

UTaX_1CT_M3, V bias = 250 V, HVG = 31
Entries 48990
Mean 12.73
6000
4000
2000
0
0
10
20
30
Charge [ADC]

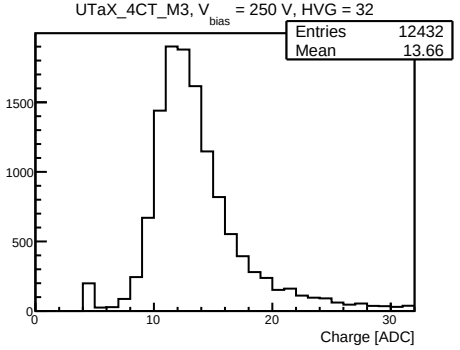

UTaX_1CT_S3, V bias = 250 V, HVG = 31
Entries 97609
Mean 11.68
10000
5000
0
0
10
20
30
Charge [ADC]

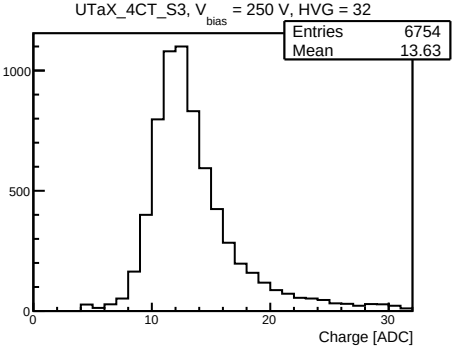

UTaX_2CT_S2, V bias = 250 V, HVG = 31
Entries 66726
Mean 12.89
10000
5000
0
0
10
20
30
Charge [ADC]

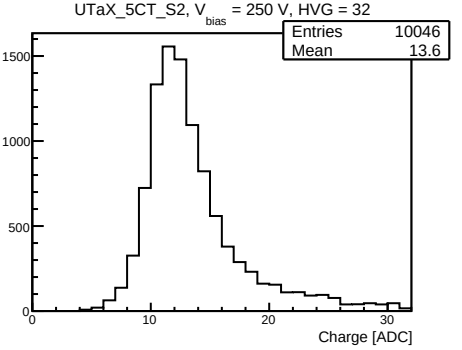

UTaX_2CT_M3, V bias = 250 V, HVG = 32
Entries 37040
Mean 9.99
Charge [ADC]

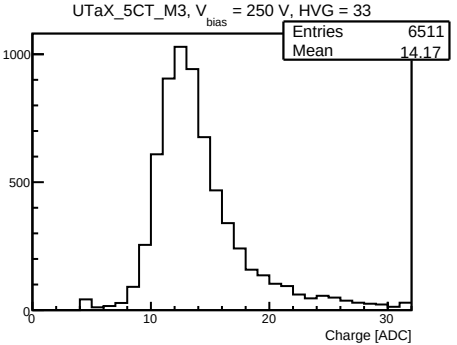

UTaX_3CT_M3, V bias = 250 V, HVG = 32
Entries 23663
Mean 13.12
Charge [ADC]

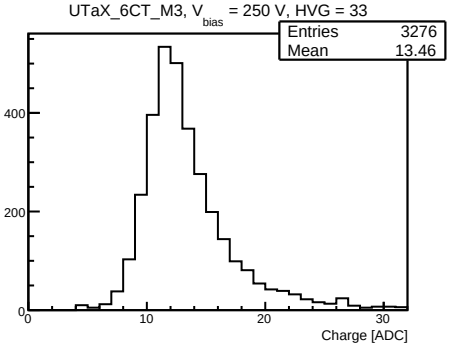

UTaX_3CT_S2, V bias = 250 V, HVG = 32
Entries 40848
Mean 13.42
Charge [ADC]

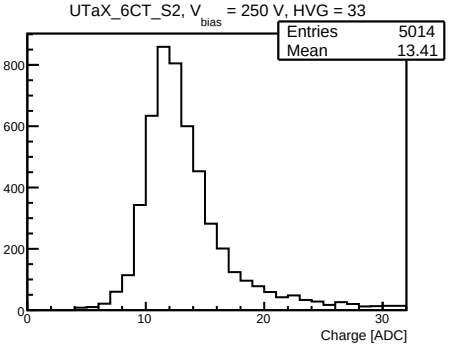

UTaX_4CT_M3, V bias = 250 V, HVG = 32
Entries 12432
Mean 13.66
Charge [ADC]

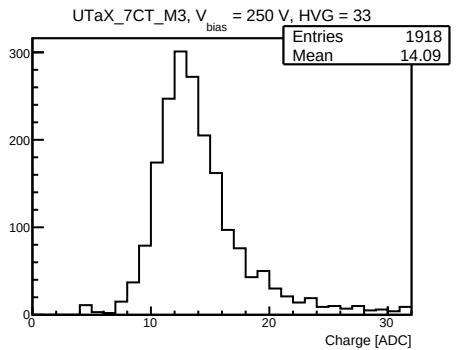

UTaX_4CT_S3, V bias = 250 V, HVG = 32
Entries 6754
Mean 13.63
Charge [ADC]

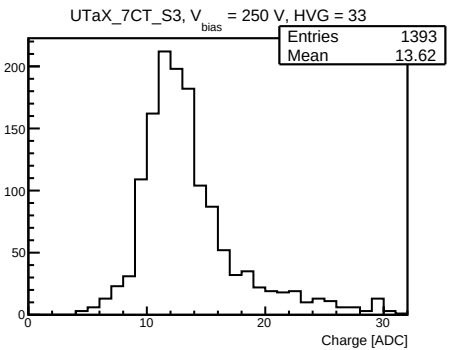

UTaX_5CT_S2, V bias = 250 V, HVG = 32
Entries 10046
Mean 13.6
Charge [ADC]

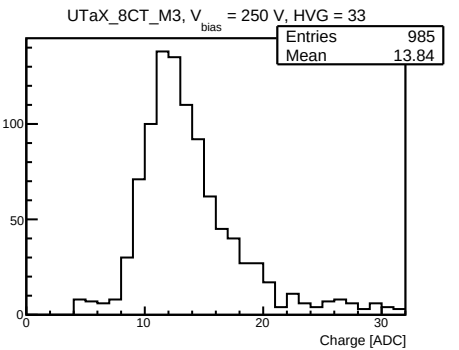

UTaX_5CT_M3, V bias = 250 V, HVG = 33
Entries 6511
Mean 14.17
Charge [ADC]

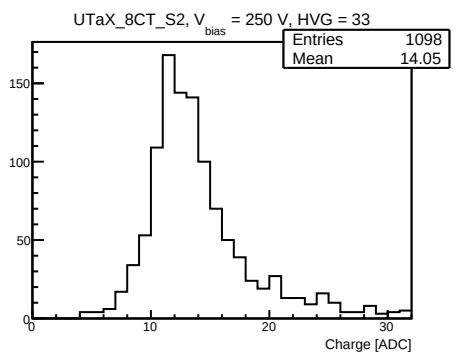

UTaX_6CT_M3, V bias = 250 V, HVG = 33
Entries 3276
Mean 13.46
Charge [ADC]

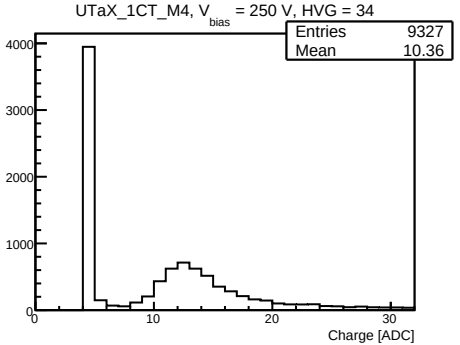

UTaX_6CT_S2, V bias = 250 V, HVG = 33
Entries 5014
Mean 13.41
Charge [ADC]

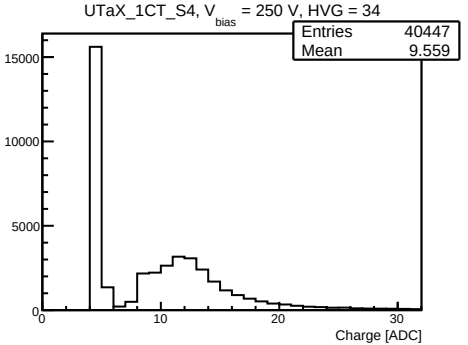

UTaX_7CT_M3, V bias = 250 V, HVG = 33
Entries 1918
Mean 14.09
Charge [ADC]

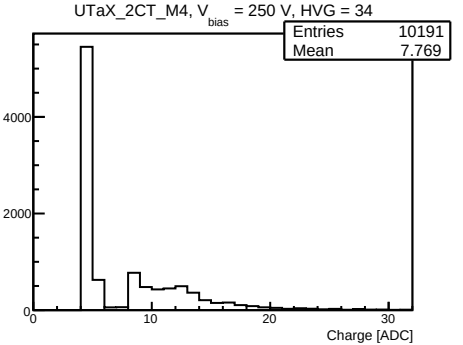

UTaX_7CT_S3, V bias = 250 V, HVG = 33
Entries 1393
Mean 13.62
Charge [ADC]

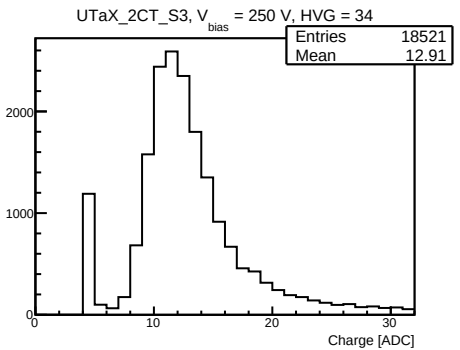

UTaX_8CT_M3, V bias = 250 V, HVG = 33
Entries 985
Mean 13.84
Charge [ADC]

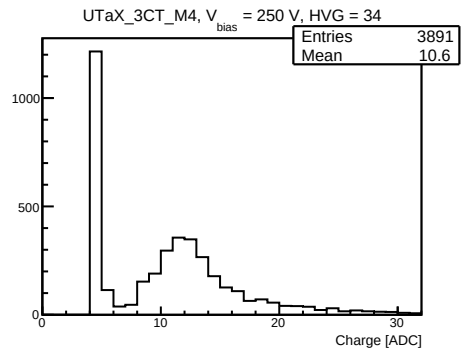

UTaX_8CT_S2, V bias = 250 V, HVG = 33
Entries 1098
Mean 14.05
Charge [ADC]

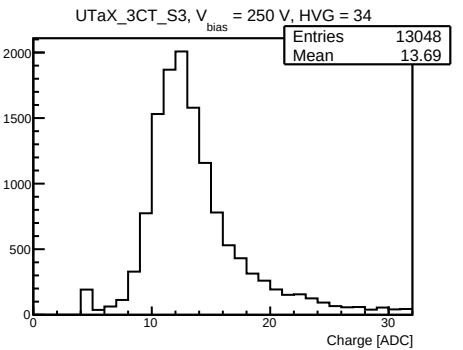

UTaX_1CT_M4, V bias = 250 V, HVG = 34
Entries 9327
Mean 10.36
Charge [ADC]

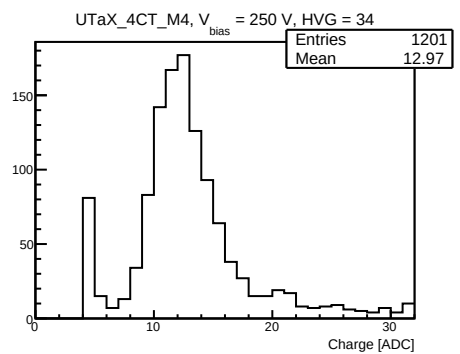

UTaX_1CT_S4, V bias = 250 V, HVG = 34
Entries 40447
Mean 9.559
Charge [ADC]

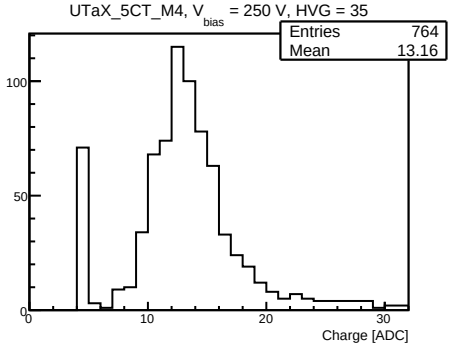

UTaX_2CT_M4, V bias = 250 V, HVG = 34
Entries 10191
Mean 7.769
Charge [ADC]

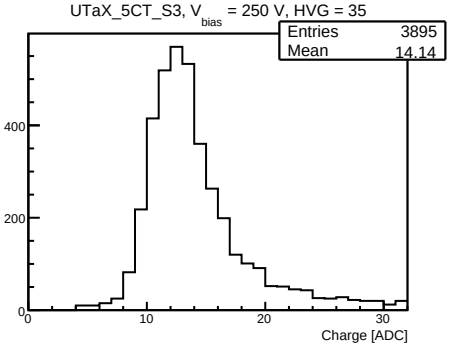

UTaX_2CT_S3, V bias = 250 V, HVG = 34
Entries 18521
Mean 12.91
Charge [ADC]

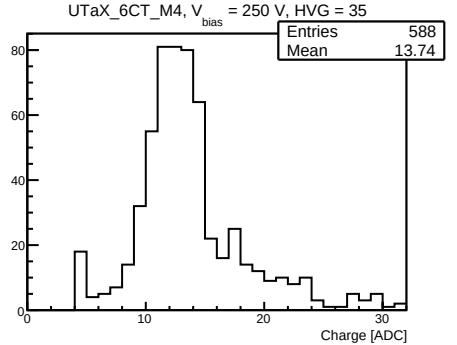

UTaX_3CT_M4, V bias = 250 V, HVG = 34
Entries 3891
Mean 10.6
Charge [ADC]

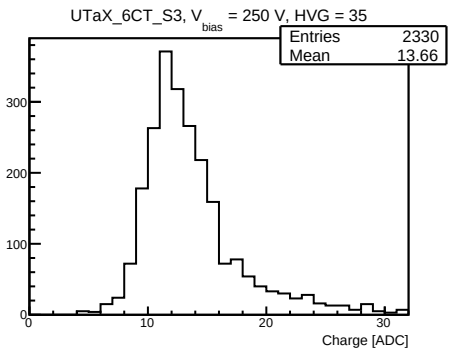

UTaX_3CT_S3, V bias = 250 V, HVG = 34
Entries 13048
Mean 13.69
Charge [ADC]

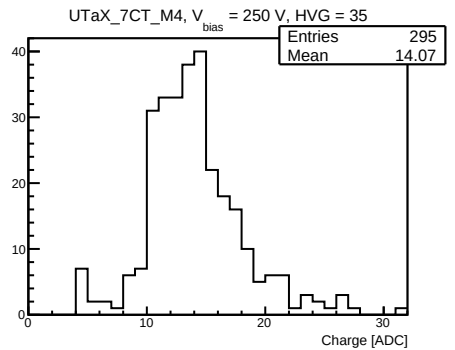

UTaX_4CT_M4, V bias = 250 V, HVG = 34
Entries 1201
Mean 12.97
Charge [ADC]

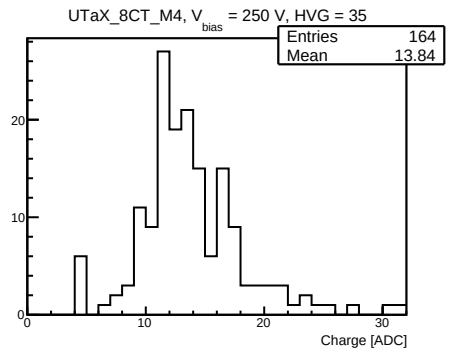

UTaX_5CT_M4, V bias = 250 V, HVG = 35
Entries 764
Mean 13.16
Charge [ADC]

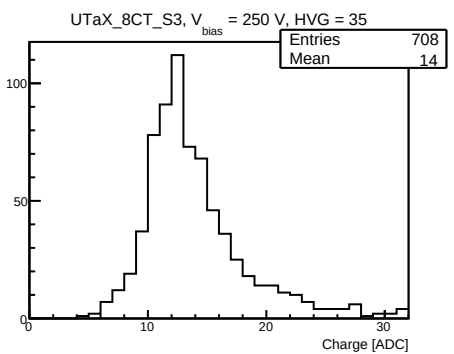

UTaX_5CT_S3, V bias = 250 V, HVG = 35
Entries 3895
Mean 14.14
Charge [ADC]

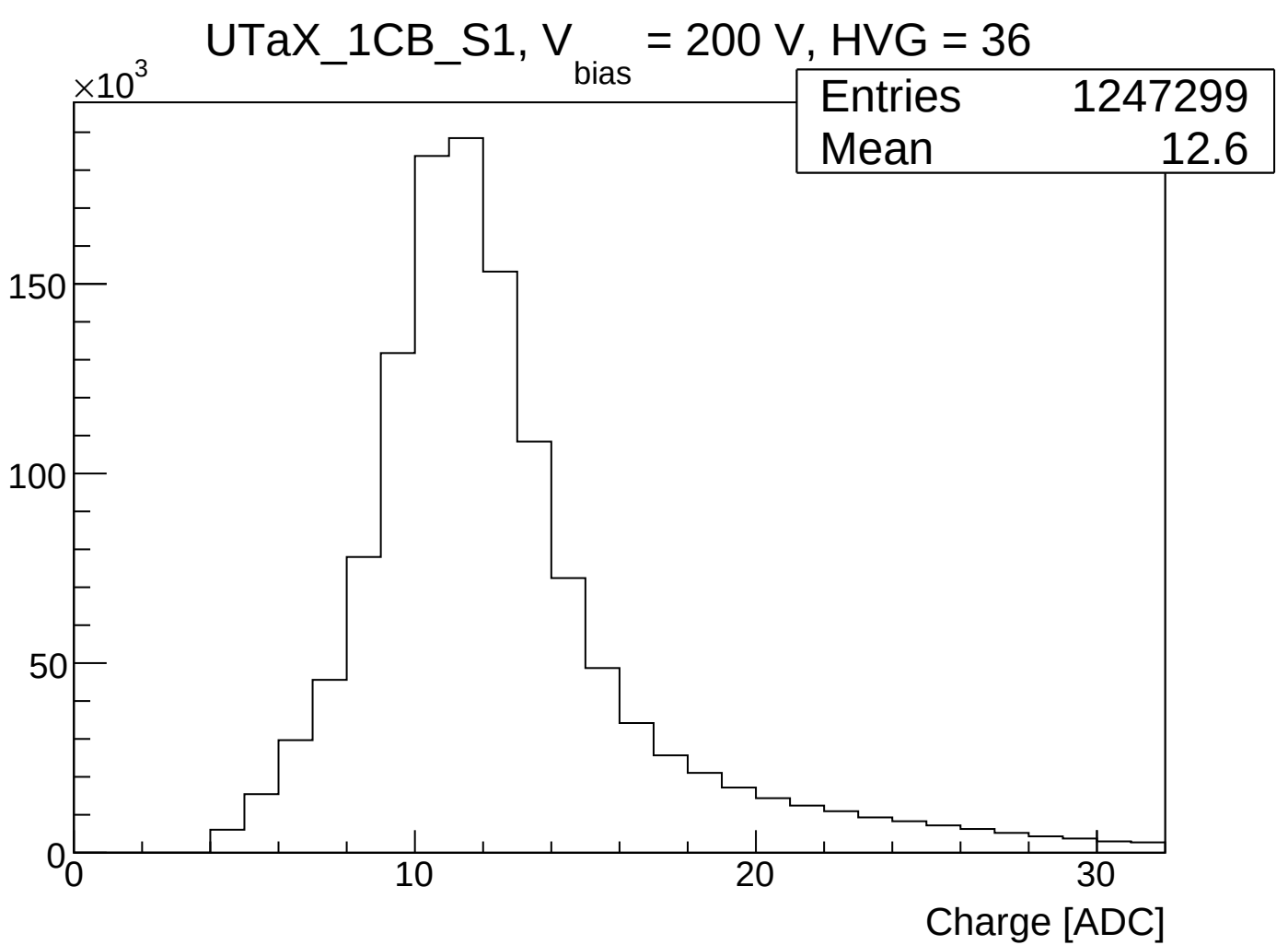

UTaX_6CT_M4, V bias = 250 V, HVG = 35
Entries 588
Mean 13.74
Charge [ADC]

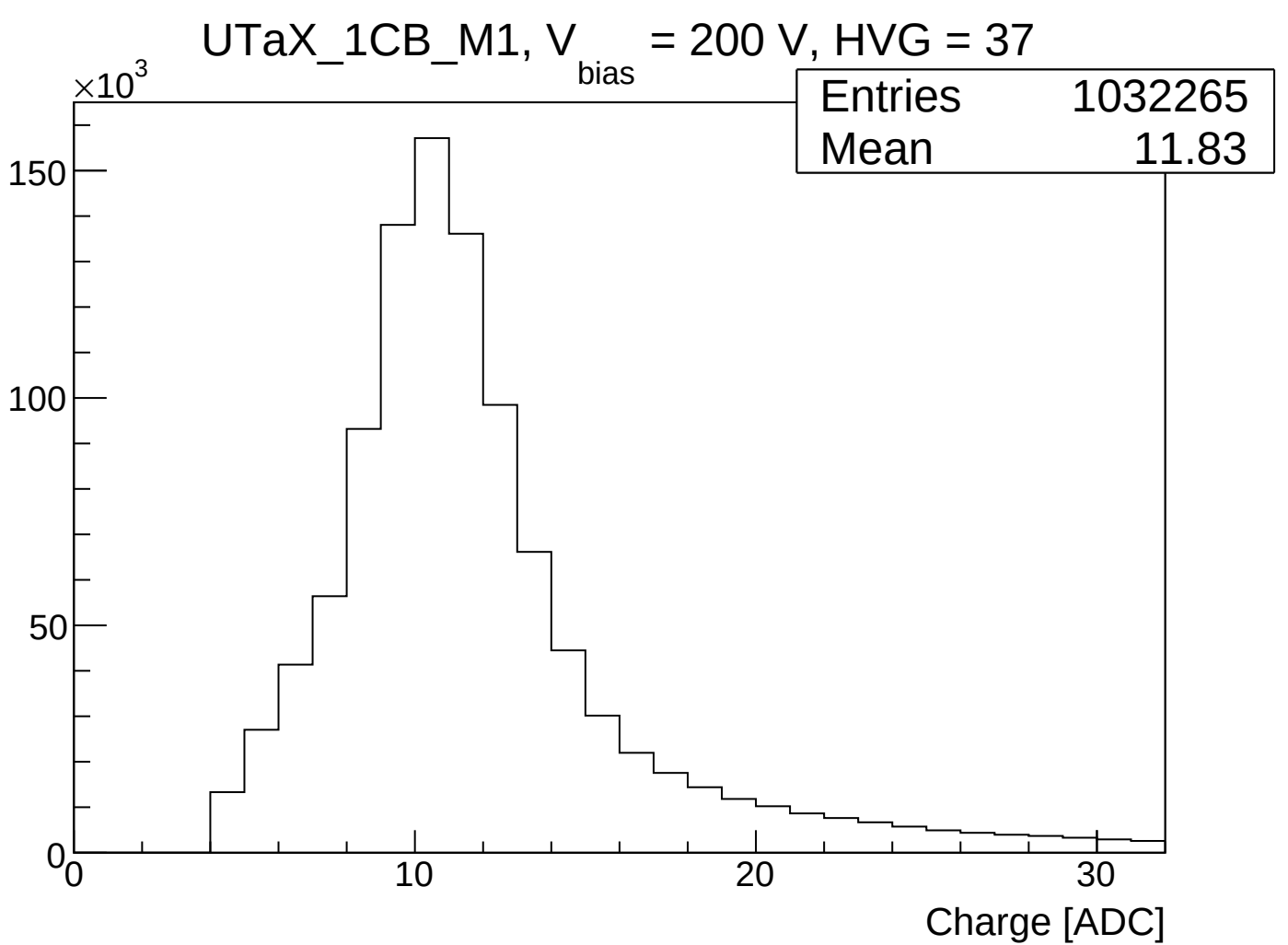

UTaX_6CT_S3, V bias = 250 V, HVG = 35
Entries 2330
Mean 13.66
Charge [ADC]

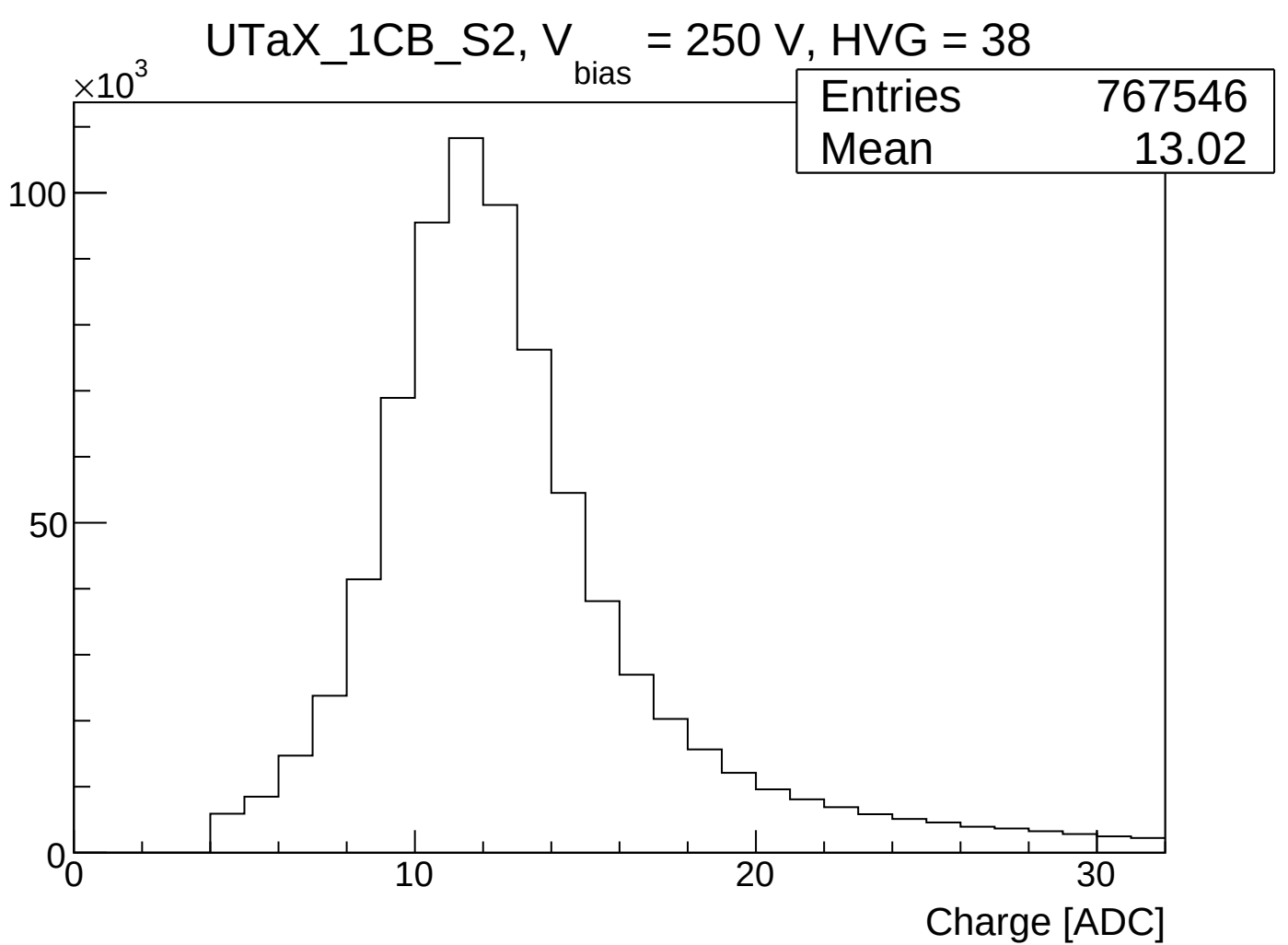

UTaX_7CT_M4, V bias = 250 V, HVG = 35
Entries 295
Mean 14.07
Charge [ADC]

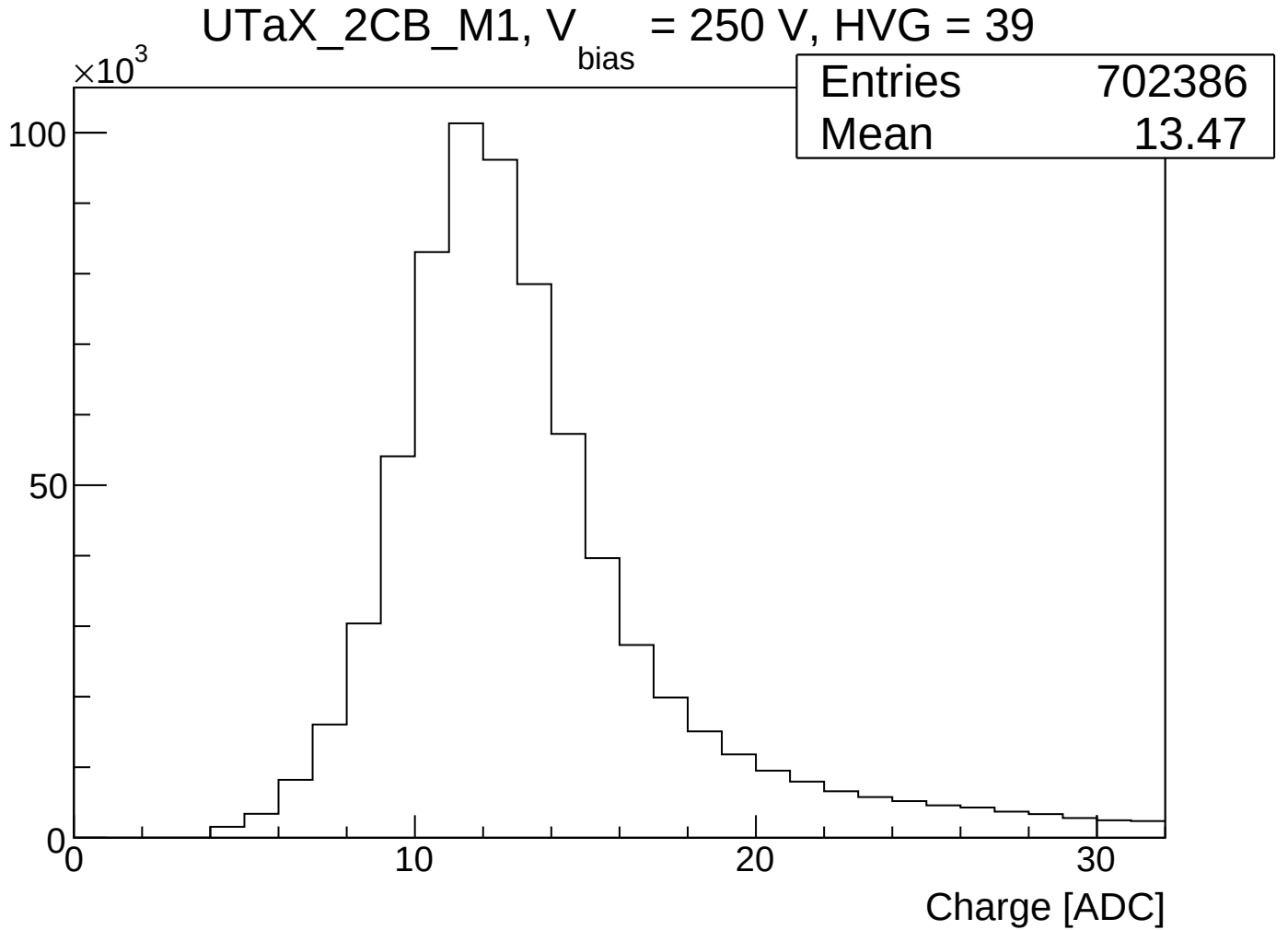

UTaX_8CT_M4, V bias = 250 V, HVG = 35
Entries 164
Mean 13.84
Charge [ADC]

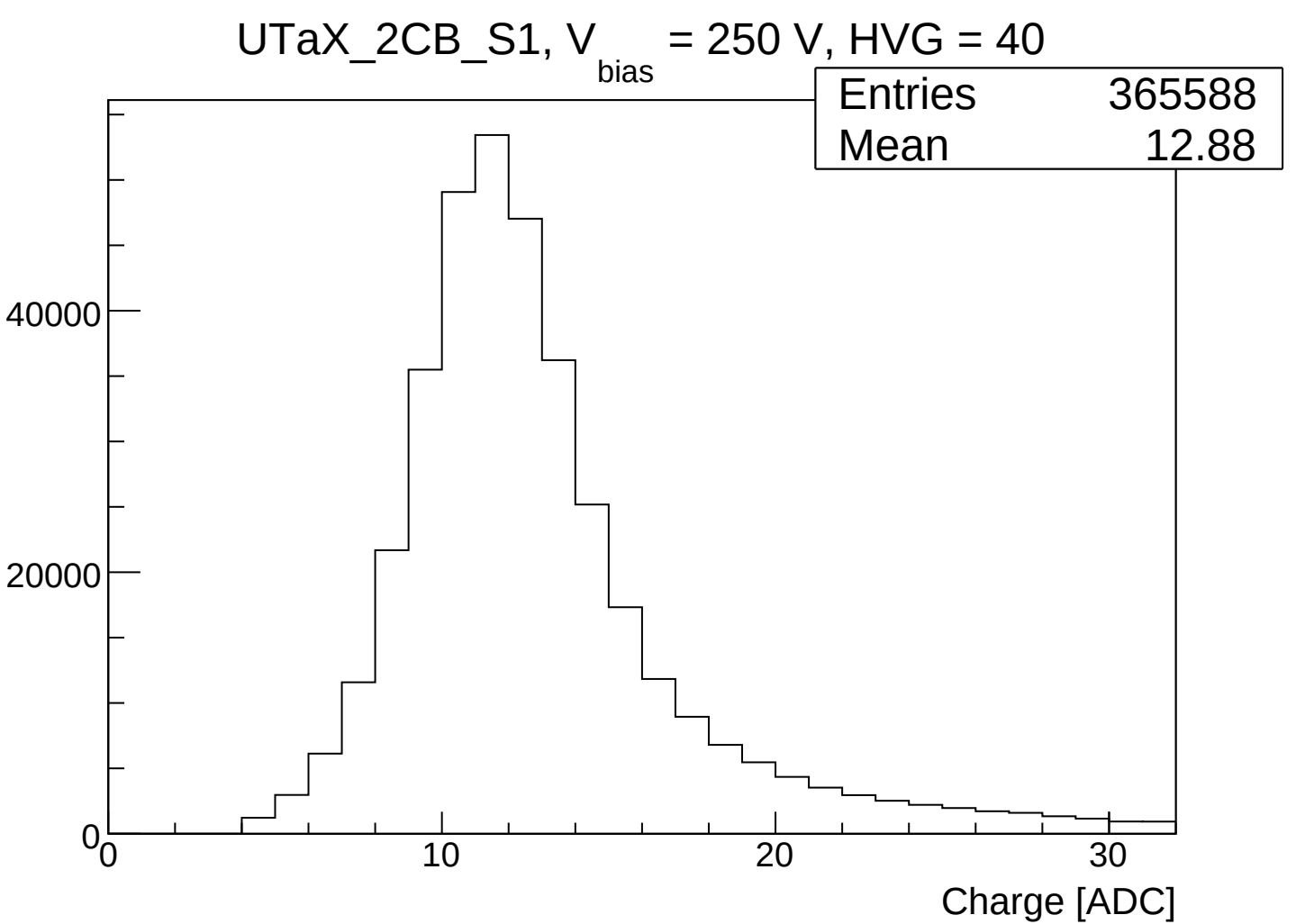

UTaX_8CT_S3, V bias = 250 V, HVG = 35
Entries 708
Mean 14
Charge [ADC]

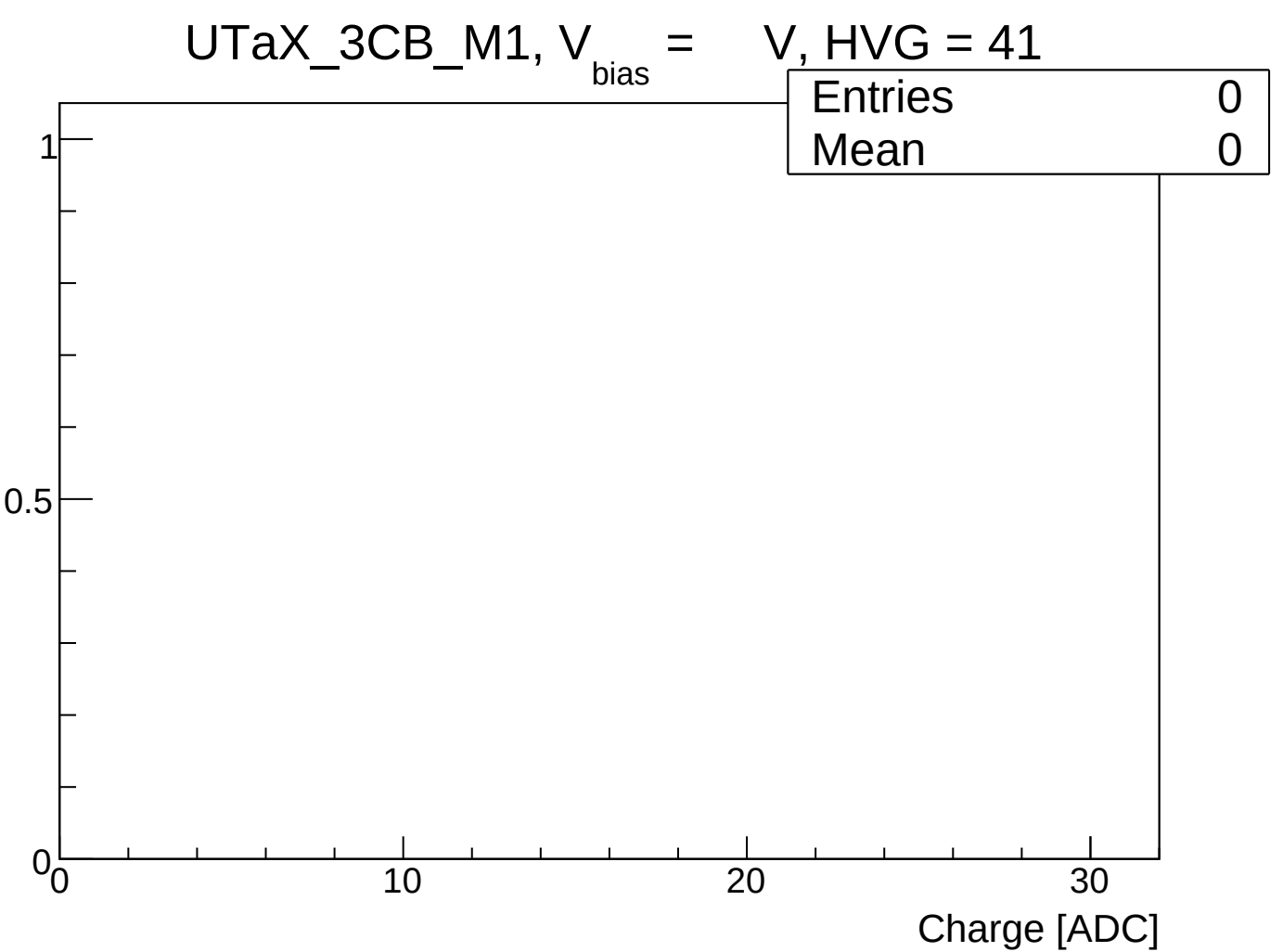

UTaX_1CB_S1, V bias = 200 V, HVG = 36
×10^3
Entries 1247299
Mean 12.6
150
100
50
0
0
10
20
30
Charge [ADC]

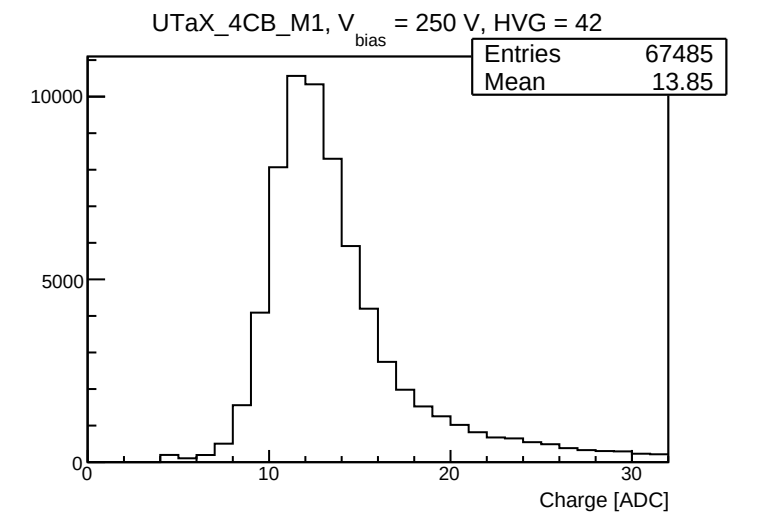

UTaX_1CB_M1, V bias = 200 V, HVG = 37
×10^3
Entries 1032265
Mean 11.83
150
100
50
0
0
10
20
30
Charge [ADC]

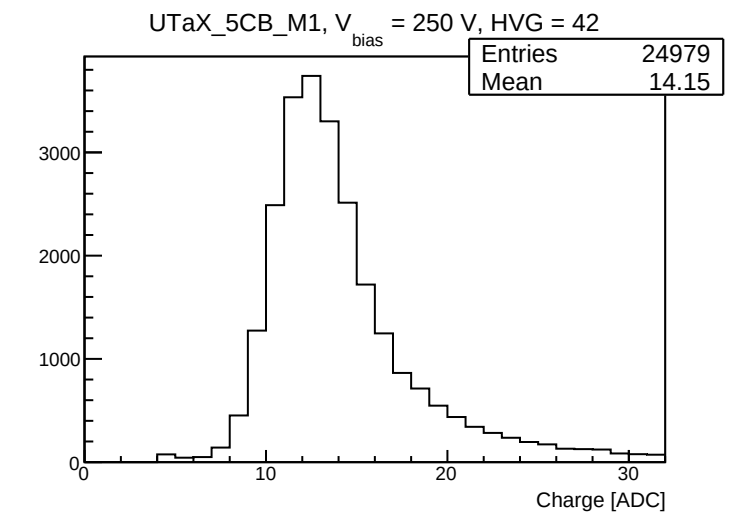

UTaX_1CB_S2, V bias = 250 V, HVG = 38
×10^3
Entries 767546
Mean 13.02
100
50
0
0
10
20
30
Charge [ADC]

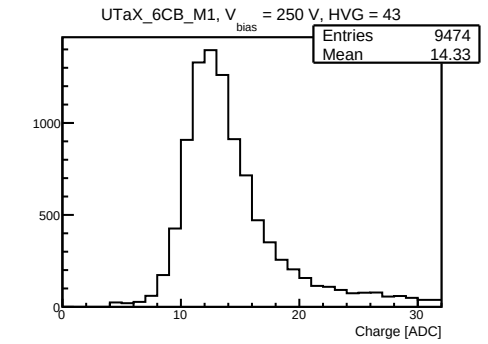

UTaX_2CB_M1, V bias = 250 V, HVG = 39
×10^3
Entries 702386
Mean 13.47
100
50
0
0
10
20
30
Charge [ADC]

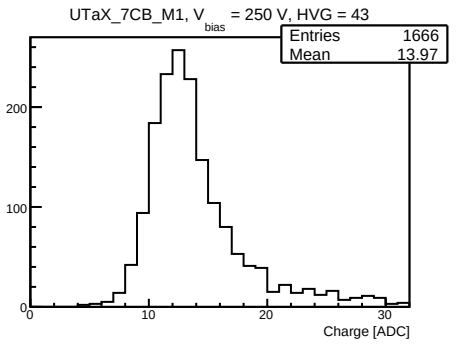

UTaX_2CB_S1, V bias = 250 V, HVG = 40
Entries 365588
Mean 12.88
40000
20000
0
0
10
20
30
Charge [ADC]

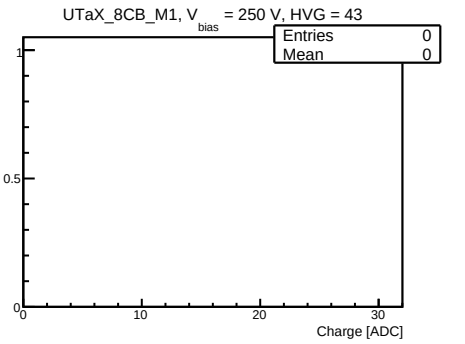

UTaX_3CB_M1, V bias = V, HVG = 41
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

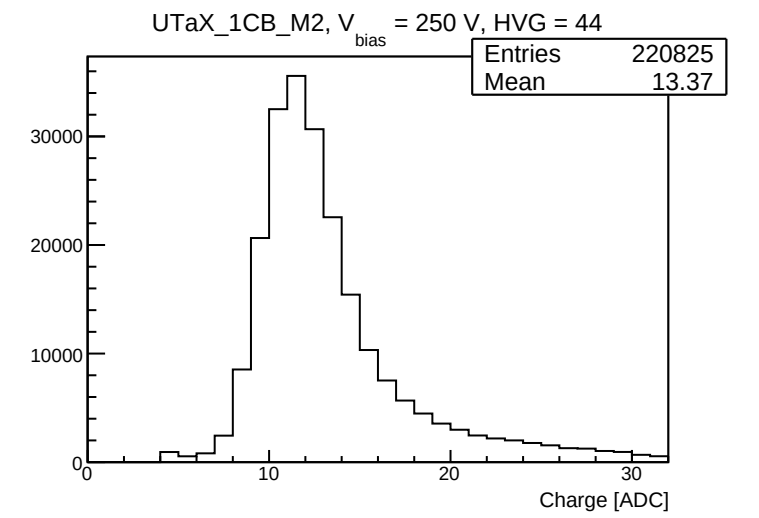

UTaX_4CB_M1, V bias = 250 V, HVG = 42
Entries 67485
Mean 13.85
10000
5000
0
0
10
20
30
Charge [ADC]

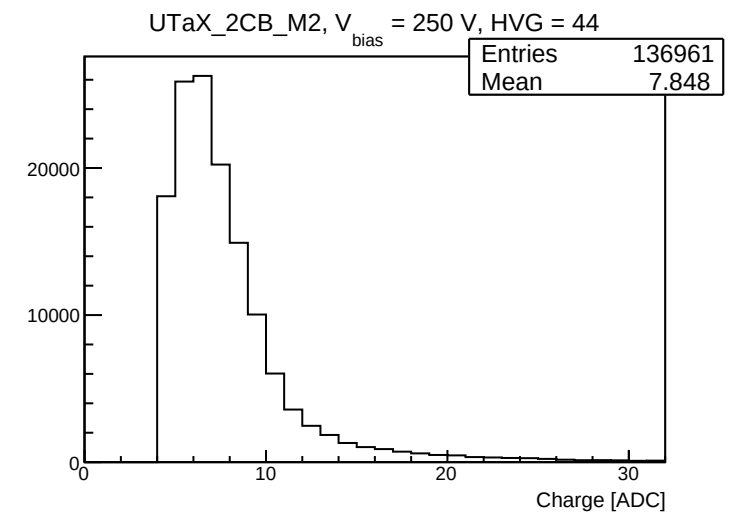

UTaX_5CB_M1, V bias = 250 V, HVG = 42
Entries 24979
Mean 14.15
3000
2000
1000
0
0
10
20
30
Charge [ADC]

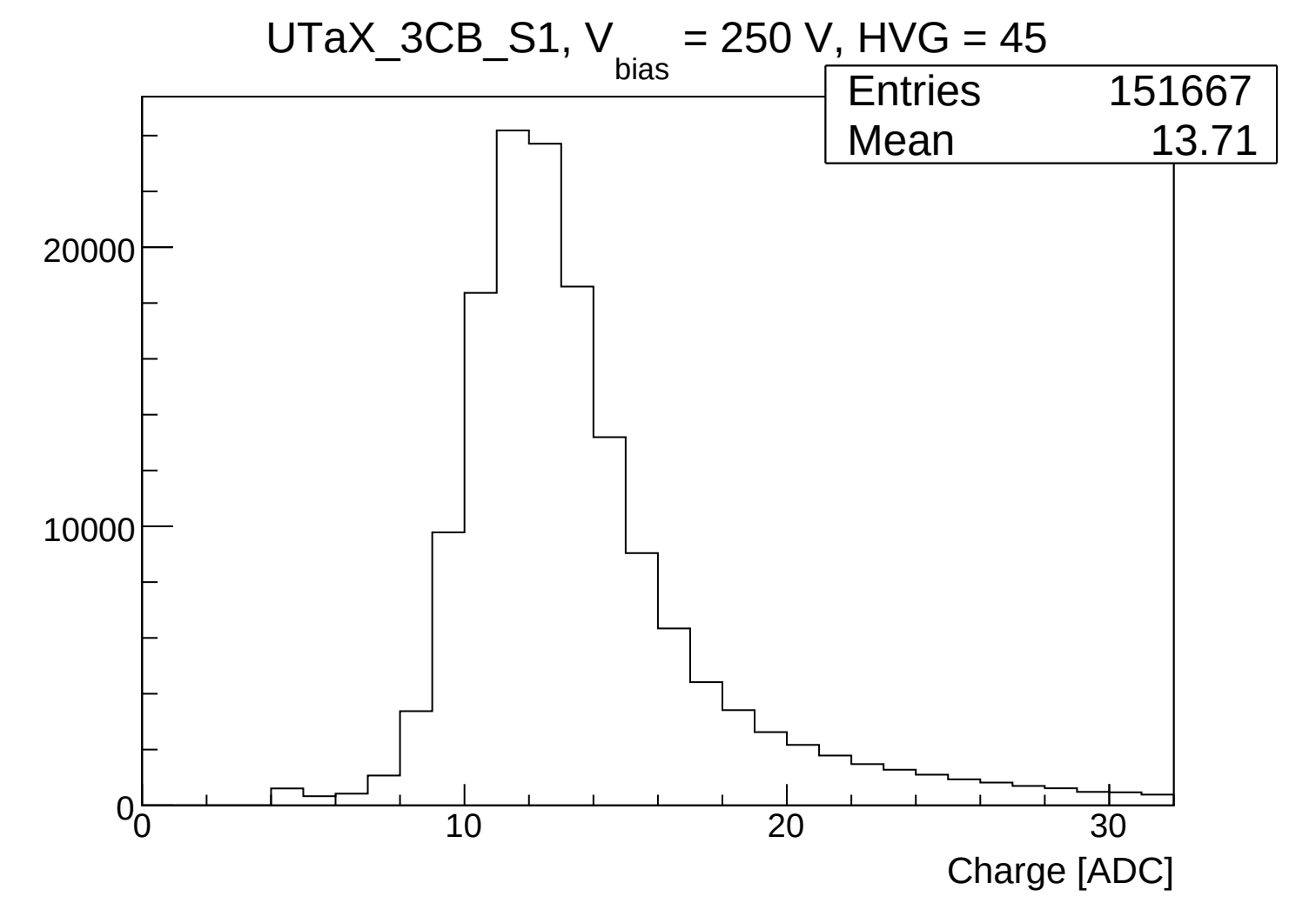

UTaX_6CB_M1, V bias = 250 V, HVG = 43
Entries 9474
Mean 14.33
1000
500
0
0
10
20
30
Charge [ADC]

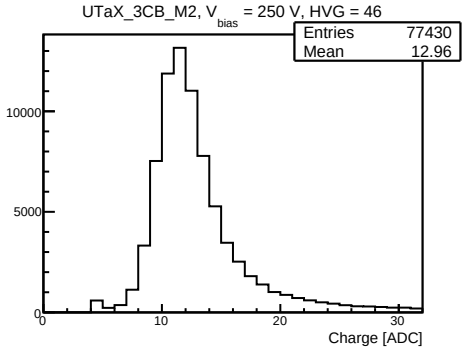

UTaX_7CB_M1, V bias = 250 V, HVG = 43
Entries 1666
Mean 13.97
200
100
0
0
10
20
30
Charge [ADC]

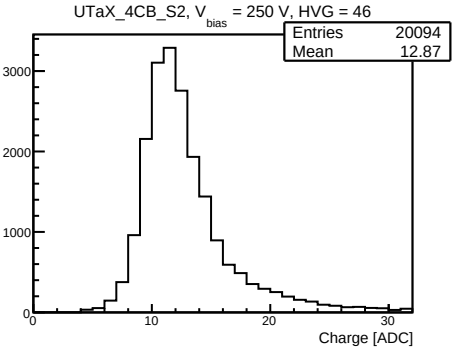

UTaX_8CB_M1, V bias = 250 V, HVG = 43
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

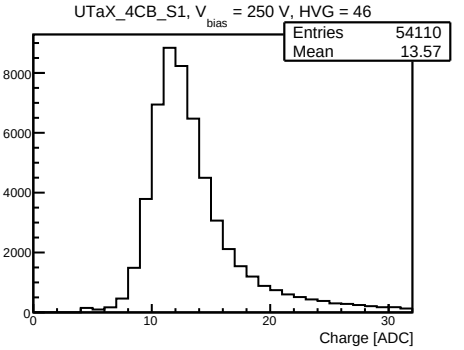

UTaX_1CB_M2, V bias = 250 V, HVG = 44
Entries 220825
Mean 13.37
30000
20000
10000
0
0
10
20
30
Charge [ADC]

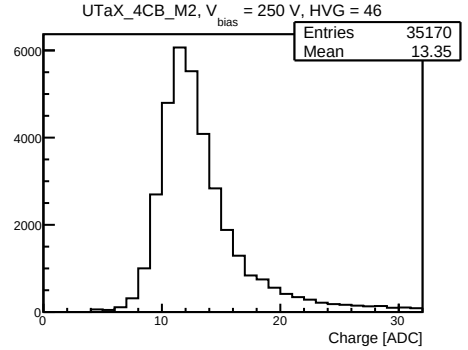

UTaX_2CB_M2, V bias = 250 V, HVG = 44
Entries 136961
Mean 7.848
20000
10000
0
0
10
20
30
Charge [ADC]

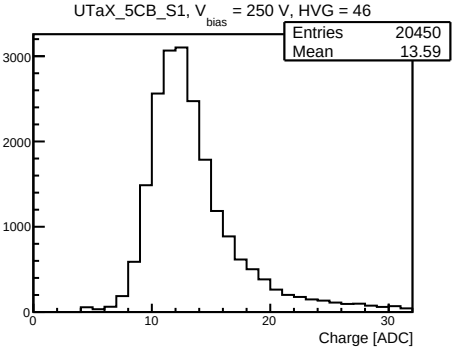

UTaX_3CB_S1, V bias = 250 V, HVG = 45
Entries 151667
Mean 13.71
20000
10000
0
0
10
20
30
Charge [ADC]

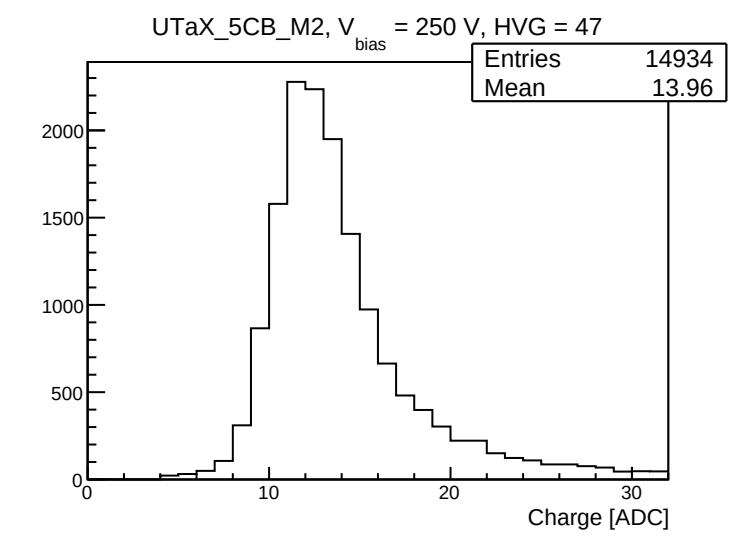

UTaX_3CB_M2, V bias = 250 V, HVG = 46
Entries 77430
Mean 12.96
Charge [ADC]

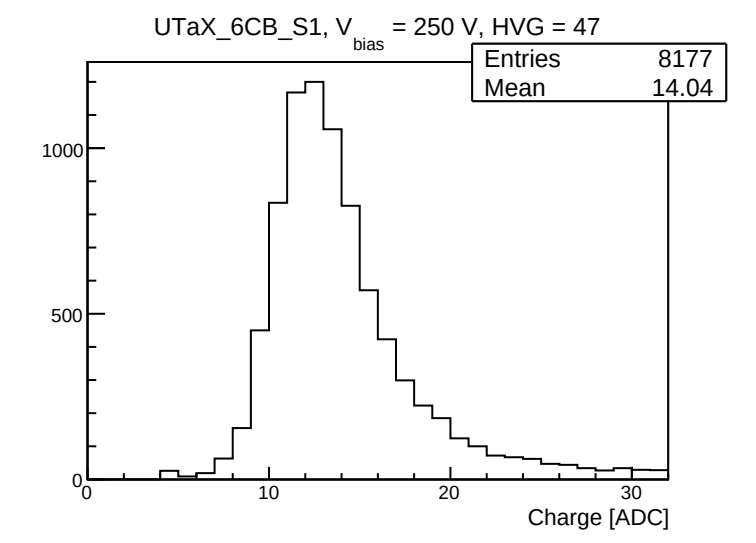

UTaX_4CB_S2, V bias = 250 V, HVG = 46
Entries 20094
Mean 12.87
Charge [ADC]

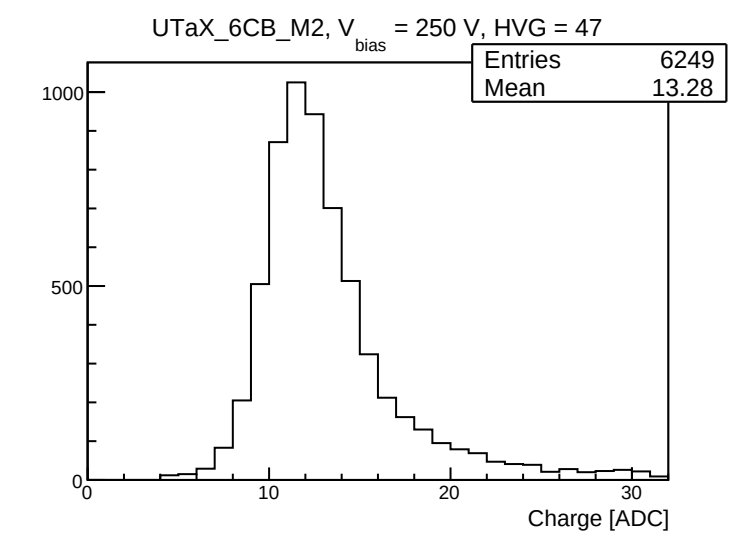

UTaX_4CB_S1, V bias = 250 V, HVG = 46
Entries 54110
Mean 13.57
Charge [ADC]

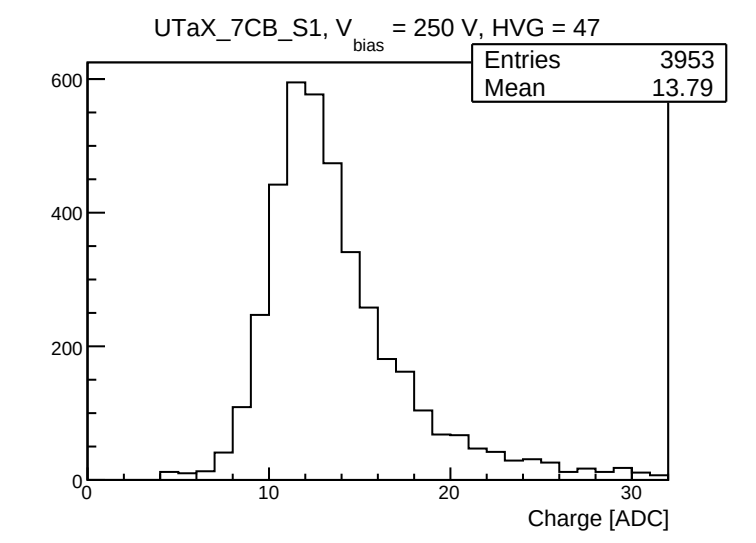

UTaX_4CB_M2, V bias = 250 V, HVG = 46
Entries 35170
Mean 13.35
Charge [ADC]

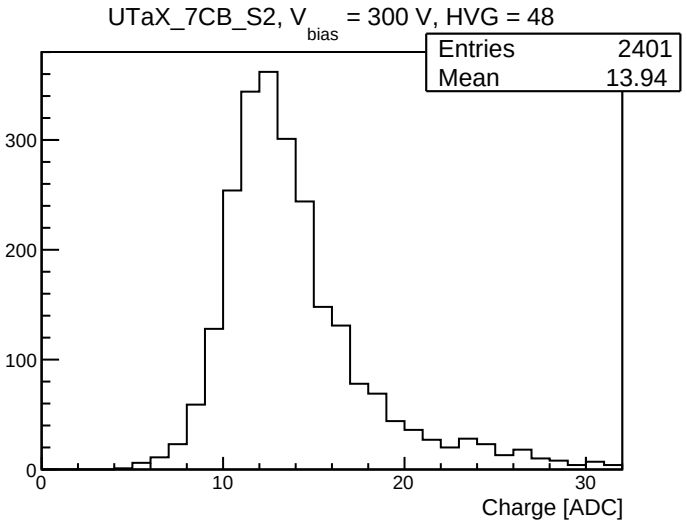

UTaX_5CB_S1, V bias = 250 V, HVG = 46
Entries 20450
Mean 13.59
Charge [ADC]

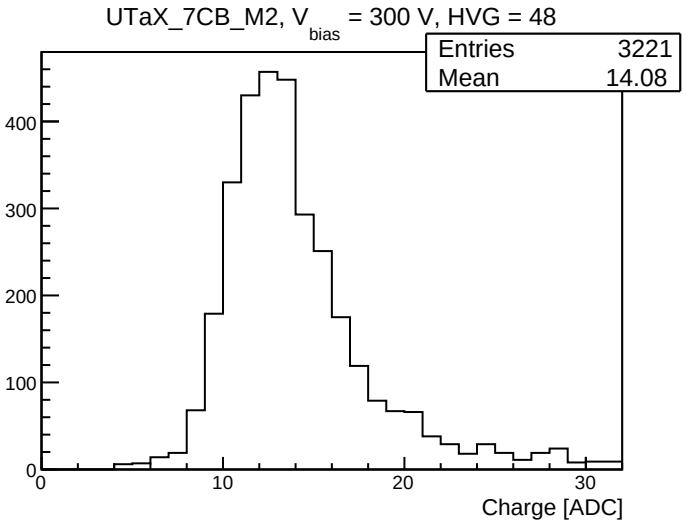

UTaX_5CB_M2, V bias = 250 V, HVG = 47
Entries 14934
Mean 13.96
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

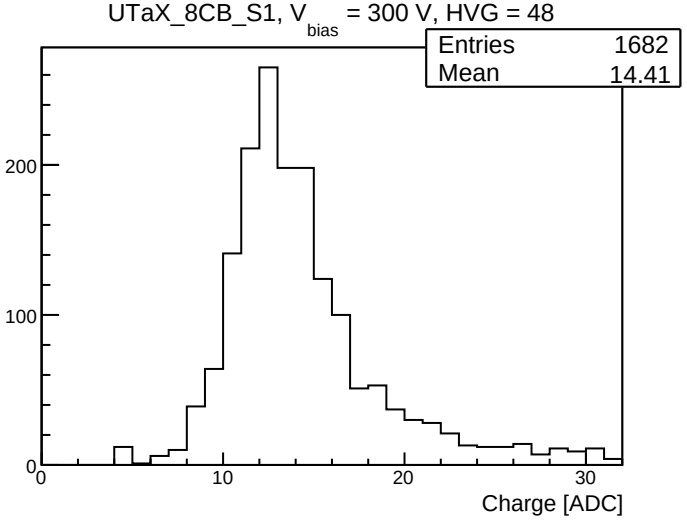

UTaX_6CB_S1, V bias = 250 V, HVG = 47
Entries 8177
Mean 14.04
1000
500
0
0
10
20
30
Charge [ADC]

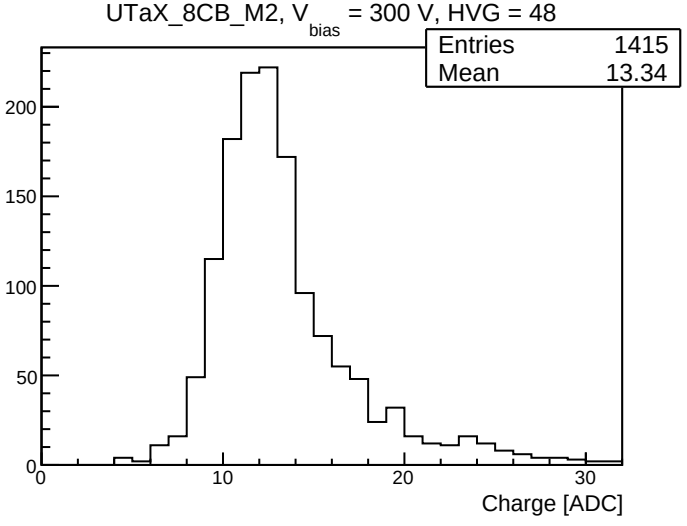

UTaX_6CB_M2, V bias = 250 V, HVG = 47
Entries 6249
Mean 13.28
1000
500
0
0
10
20
30
Charge [ADC]

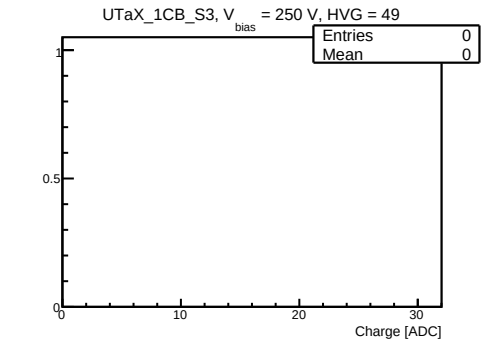

UTaX_7CB_S1, V bias = 250 V, HVG = 47
Entries 3953
Mean 13.79
600
400
200
0
0
10
20
30
Charge [ADC]

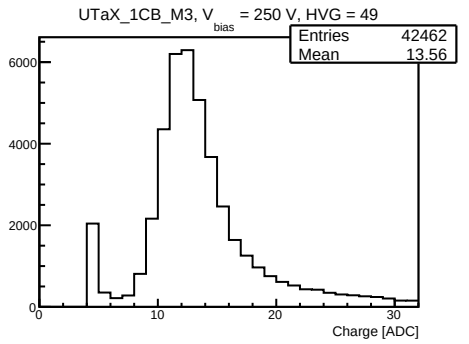

UTaX_7CB_S2, V bias = 300 V, HVG = 48
Entries 2401
Mean 13.94
300
200
100
0
0
10
20
30
Charge [ADC]

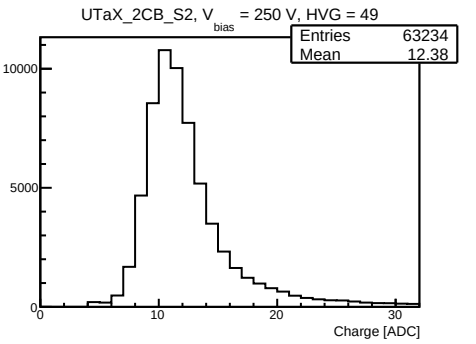

UTaX_7CB_M2, V bias = 300 V, HVG = 48
Entries 3221
Mean 14.08
400
300
200
100
0
0
10
20
30
Charge [ADC]

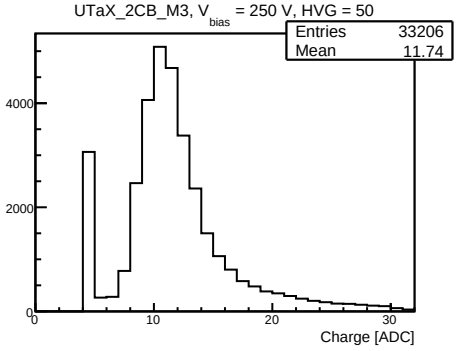

UTaX_8CB_S1, V bias = 300 V, HVG = 48
Entries 1682
Mean 14.41
200
100
0
0
10
20
30
Charge [ADC]

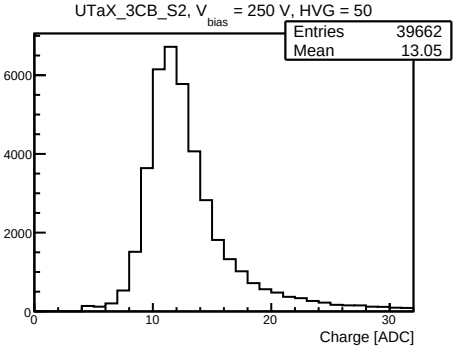

UTaX_8CB_M2, V bias = 300 V, HVG = 48
Entries 1415
Mean 13.34
200
150
100
50
0
0
10
20
30
Charge [ADC]

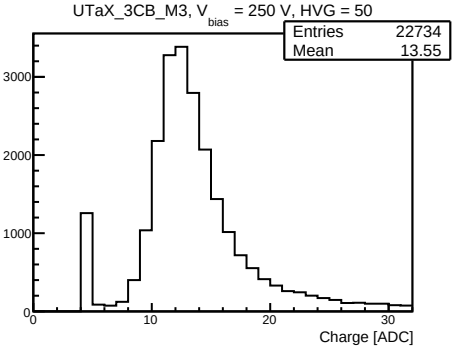

UTaX_1CB_S3, V bias = 250 V, HVG = 49
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

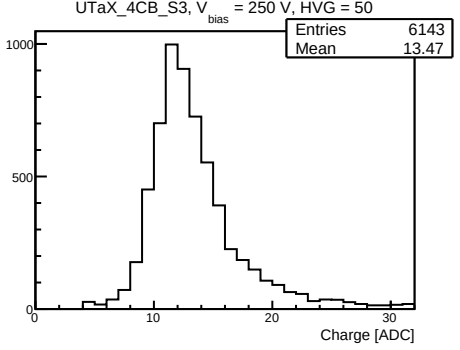

UTaX_1CB_M3, V bias = 250 V, HVG = 49
Entries 42462
Mean 13.56
6000
4000
2000
0
0
10
20
30
Charge [ADC]

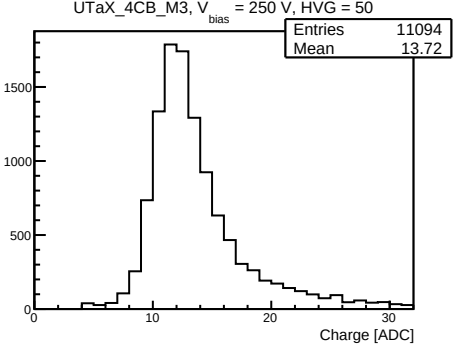

UTaX_2CB_S2, V bias = 250 V, HVG = 49
Entries 63234
Mean 12.38
10000
5000
0
0
10
20
30
Charge [ADC]

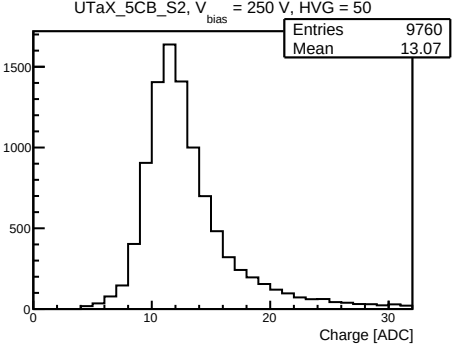

UTaX_2CB_M3, V bias = 250 V, HVG = 50
Entries 33206
Mean 11.74
Charge [ADC]

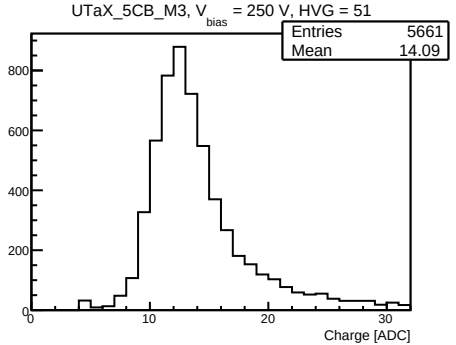

UTaX_3CB_S2, V bias = 250 V, HVG = 50
Entries 39662
Mean 13.05
Charge [ADC]

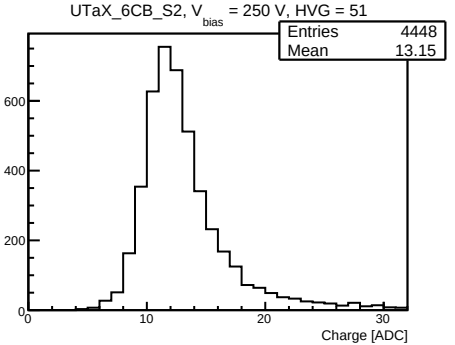

UTaX_3CB_M3, V bias = 250 V, HVG = 50
Entries 22734
Mean 13.55
Charge [ADC]

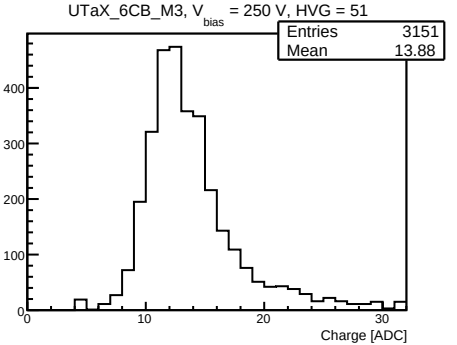

UTaX_4CB_S3, V bias = 250 V, HVG = 50
Entries 6143
Mean 13.47
Charge [ADC]

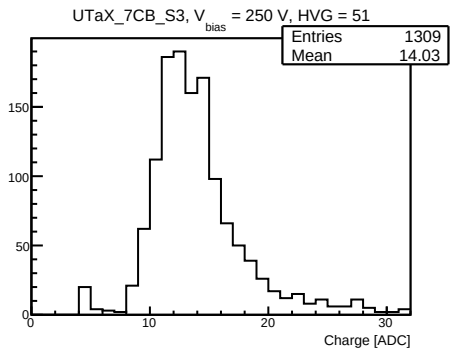

UTaX_4CB_M3, V bias = 250 V, HVG = 50
Entries 11094
Mean 13.72
Charge [ADC]

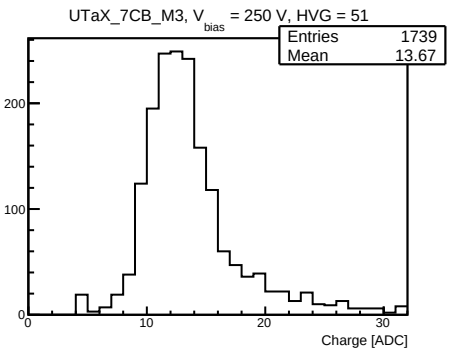

UTaX_5CB_S2, V bias = 250 V, HVG = 50
Entries 9760
Mean 13.07
Charge [ADC]

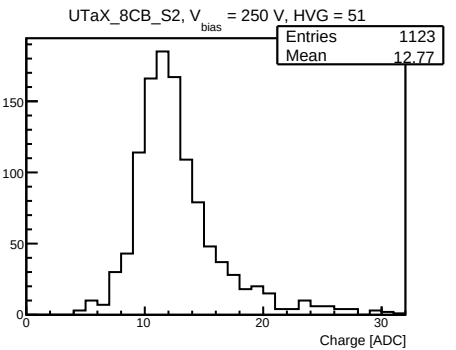

UTaX_5CB_M3, V bias = 250 V, HVG = 51
Entries 5661
Mean 14.09
Charge [ADC]

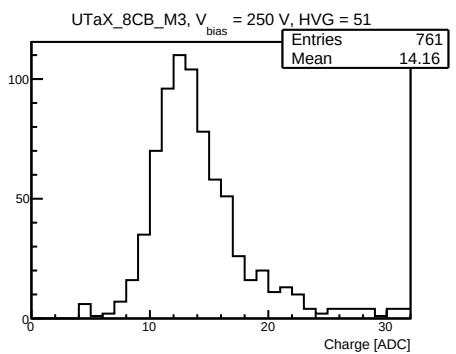

UTaX_6CB_S2, V bias = 250 V, HVG = 51
Entries 4448
Mean 13.15
Charge [ADC]

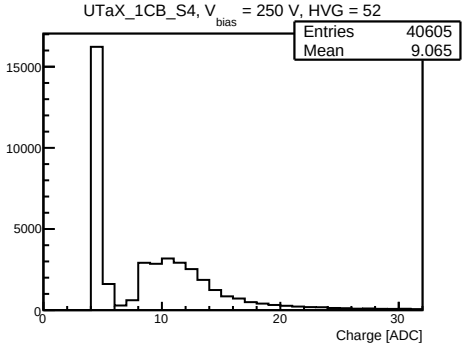

UTaX_6CB_M3, V bias = 250 V, HVG = 51
Entries 3151
Mean 13.88
Charge [ADC]

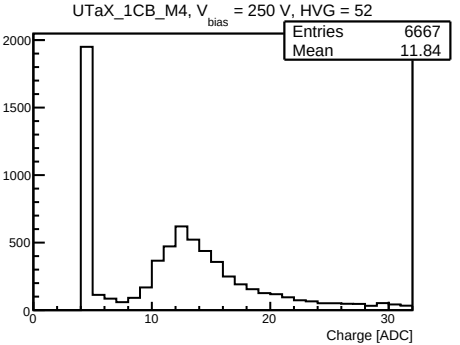

UTaX_7CB_S3, V bias = 250 V, HVG = 51
Entries 1309
Mean 14.03
Charge [ADC]

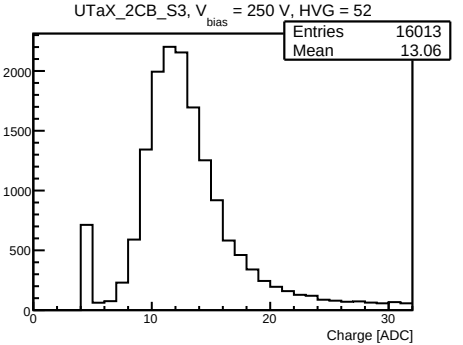

UTaX_7CB_M3, V bias = 250 V, HVG = 51
Entries 1739
Mean 13.67
Charge [ADC]

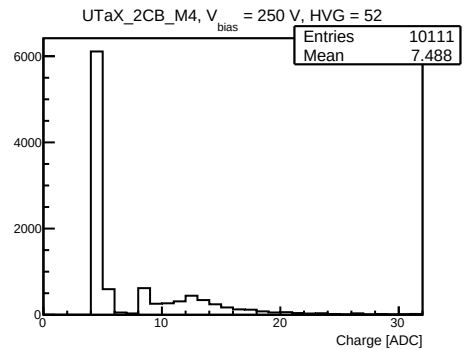

UTaX_8CB_S2, V bias = 250 V, HVG = 51
Entries 1123
Mean 12.77
Charge [ADC]

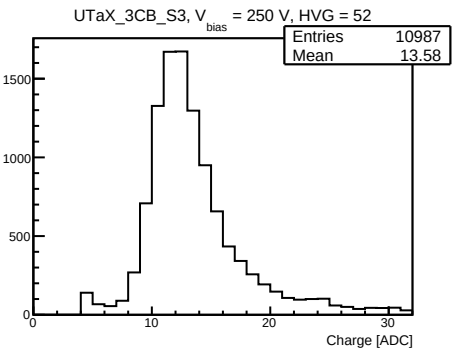

UTaX_8CB_M3, V bias = 250 V, HVG = 51
Entries 761
Mean 14.16
Charge [ADC]

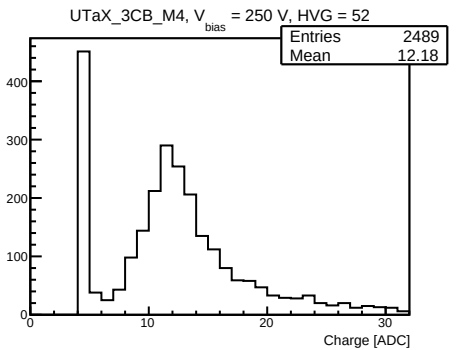

UTaX_1CB_S4, V bias = 250 V, HVG = 52
Entries 40605
Mean 9.065
Charge [ADC]

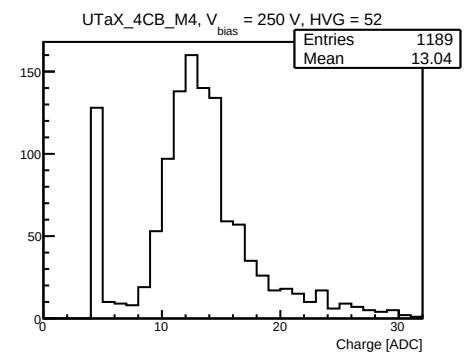

UTaX_1CB_M4, V bias = 250 V, HVG = 52
Entries 6667
Mean 11.84
Charge [ADC]

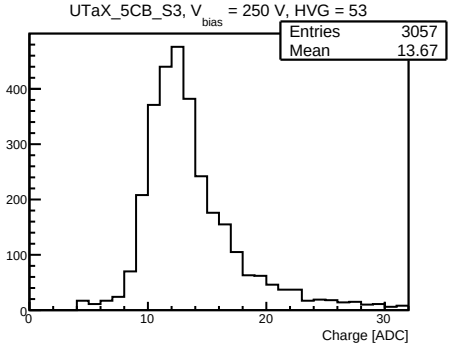

UTaX_2CB_S3, V bias = 250 V, HVG = 52
Entries 16013
Mean 13.06
Charge [ADC]

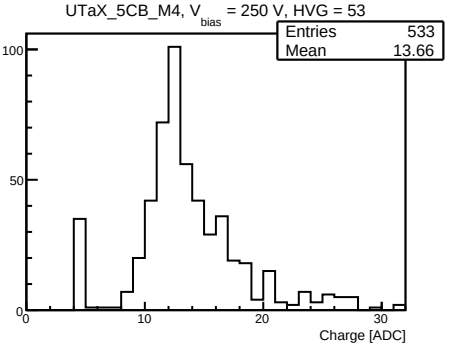

UTaX_2CB_M4, V bias = 250 V, HVG = 52
Entries 10111
Mean 7.488
Charge [ADC]

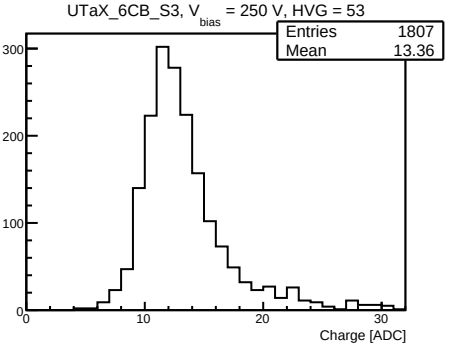

UTaX_3CB_S3, V bias = 250 V, HVG = 52
Entries 10987
Mean 13.58
Charge [ADC]

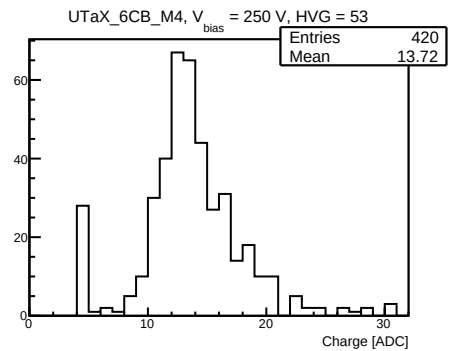

UTaX_3CB_M4, V bias = 250 V, HVG = 52
Entries 2489
Mean 12.18
Charge [ADC]

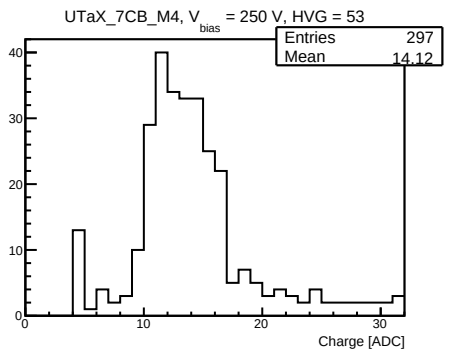

UTaX_4CB_M4, V bias = 250 V, HVG = 52
Entries 1189
Mean 13.04
Charge [ADC]

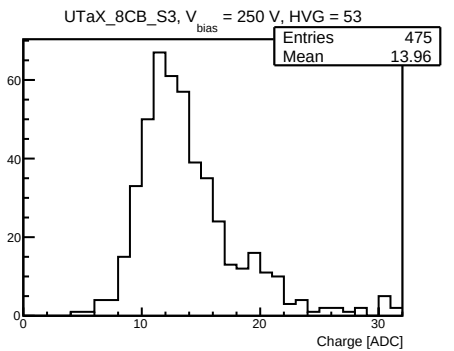

UTaX_5CB_S3, V bias = 250 V, HVG = 53
Entries 3057
Mean 13.67
Charge [ADC]

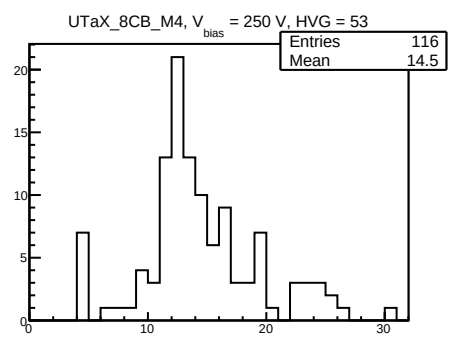

UTaX_5CB_M4, V bias = 250 V, HVG = 53
Entries 533
Mean 13.66
Charge [ADC]

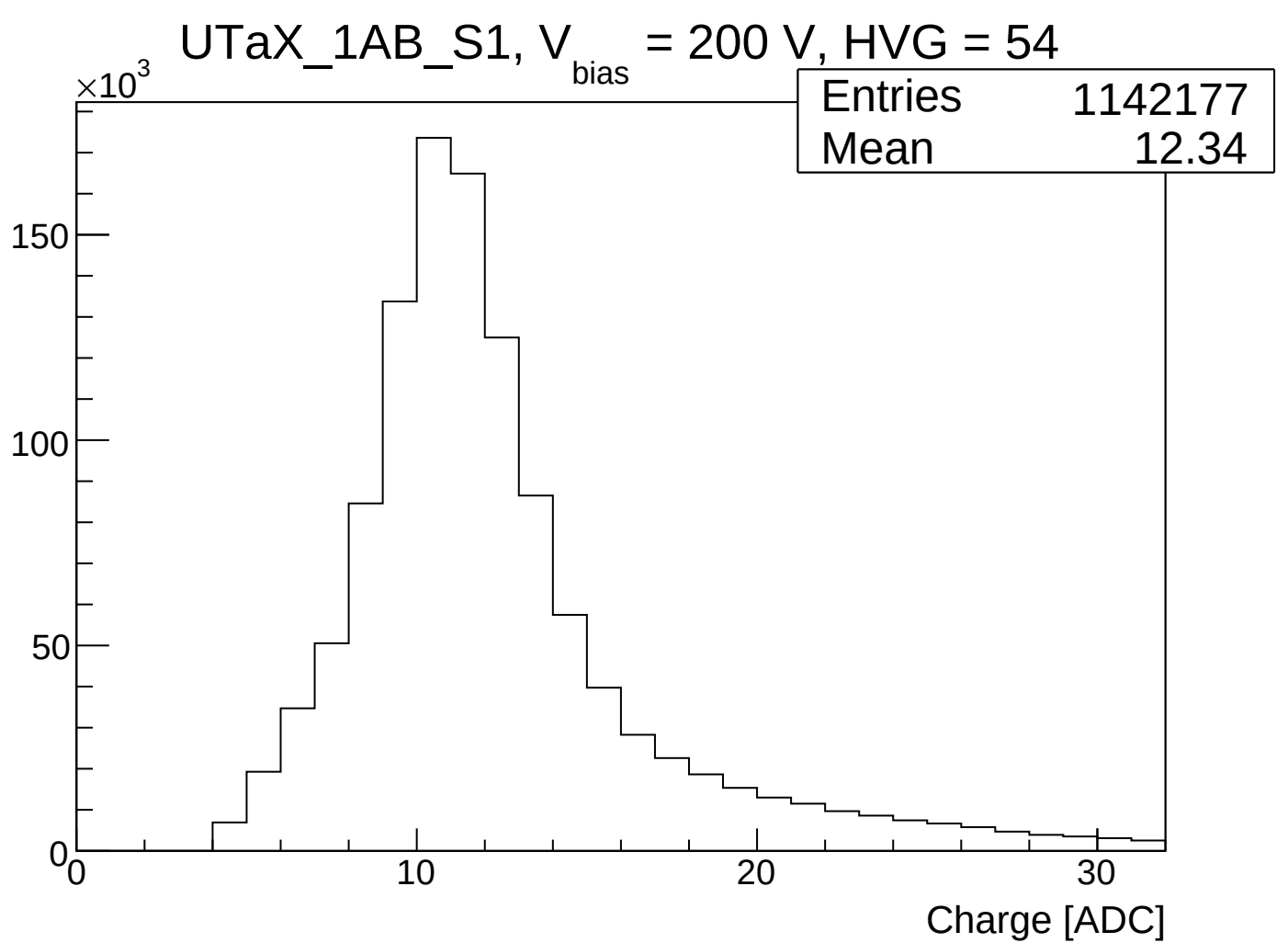

UTaX_6CB_S3, V bias = 250 V, HVG = 53
Entries 1807
Mean 13.36
Charge [ADC]

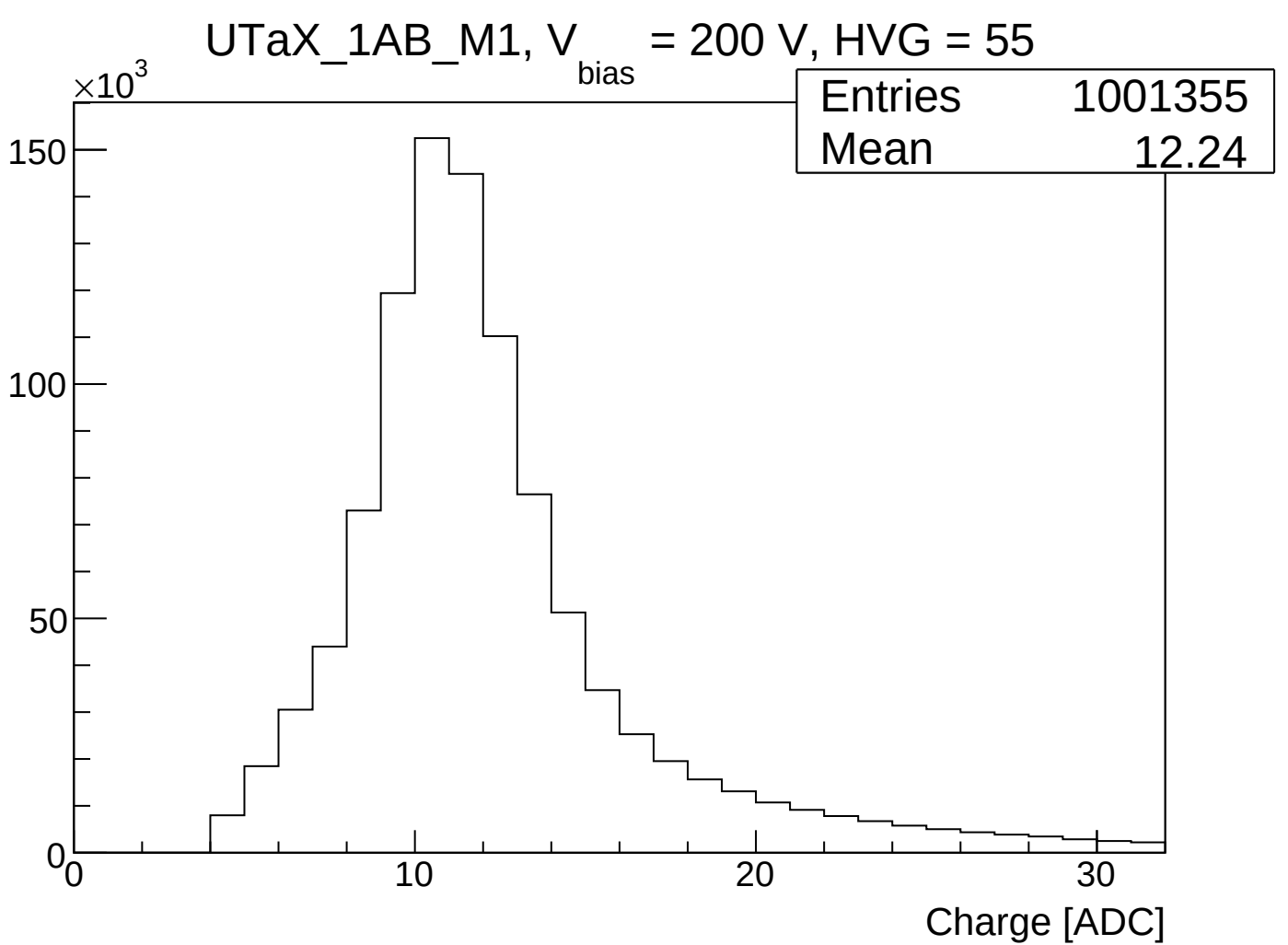

UTaX_6CB_M4, V bias = 250 V, HVG = 53
Entries 420
Mean 13.72
Charge [ADC]

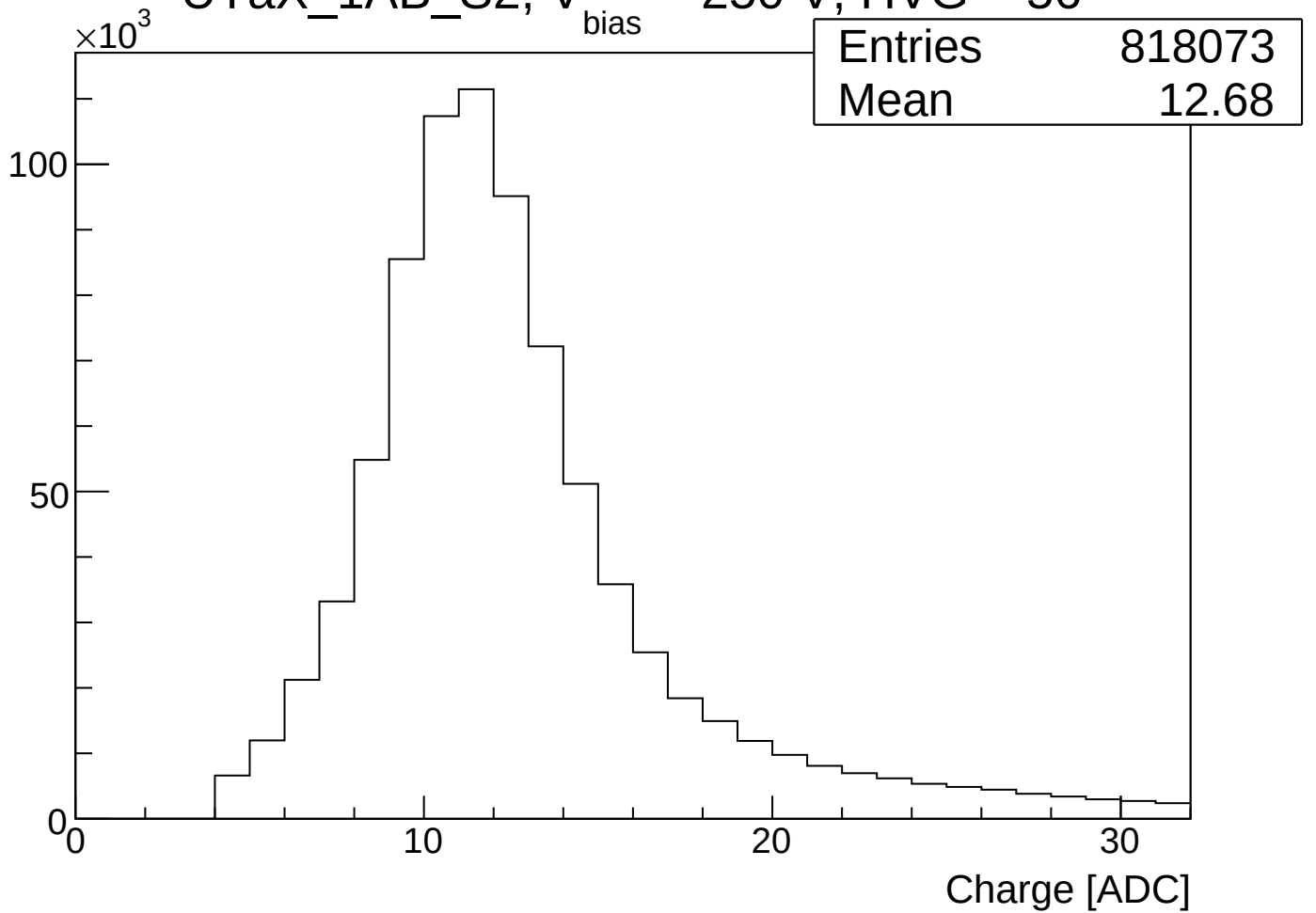

UTaX_7CB_M4, V bias = 250 V, HVG = 53
Entries 297
Mean 14.12
Charge [ADC]

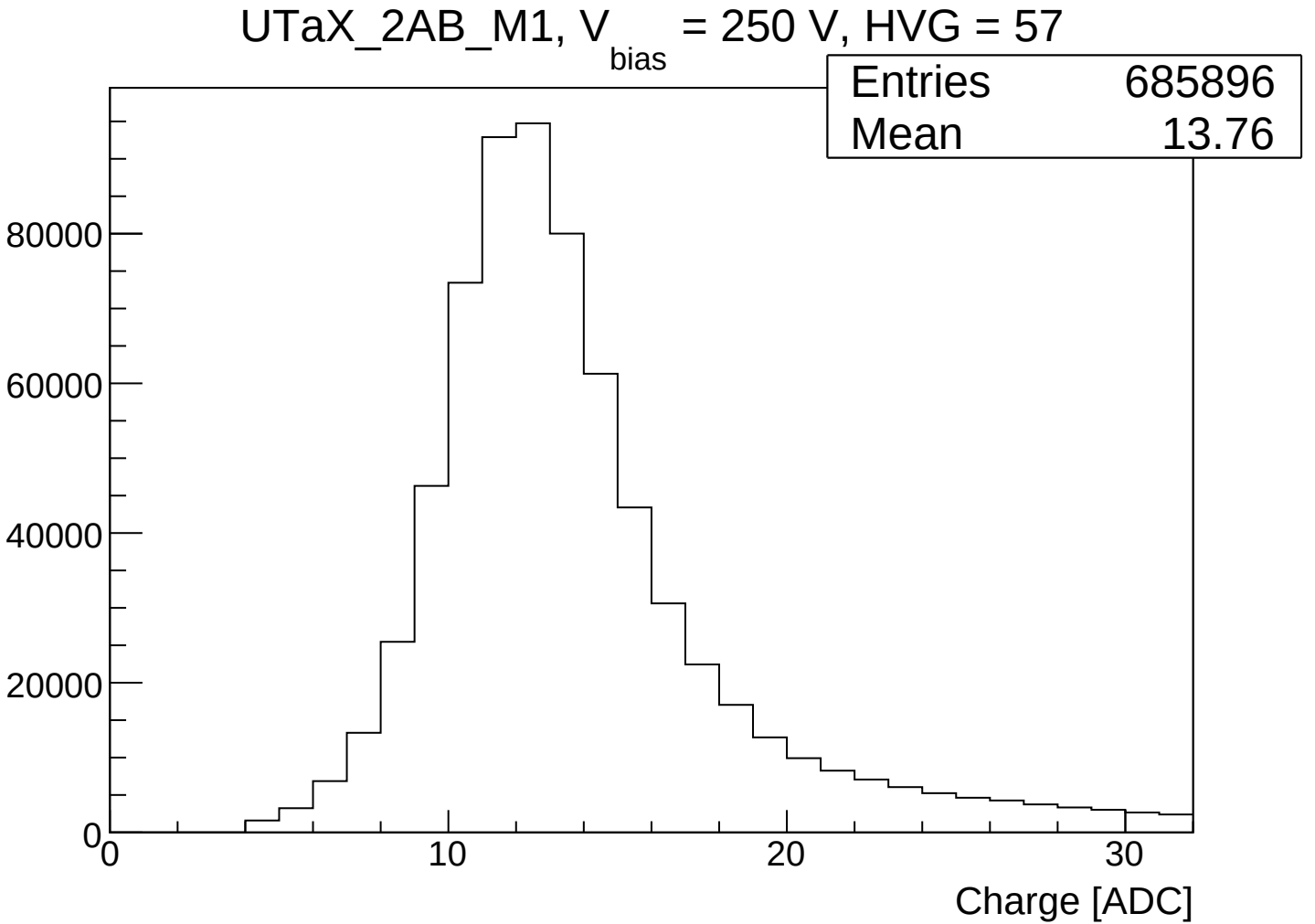

UTaX_8CB_S3, V bias = 250 V, HVG = 53
Entries 475
Mean 13.96
Charge [ADC]

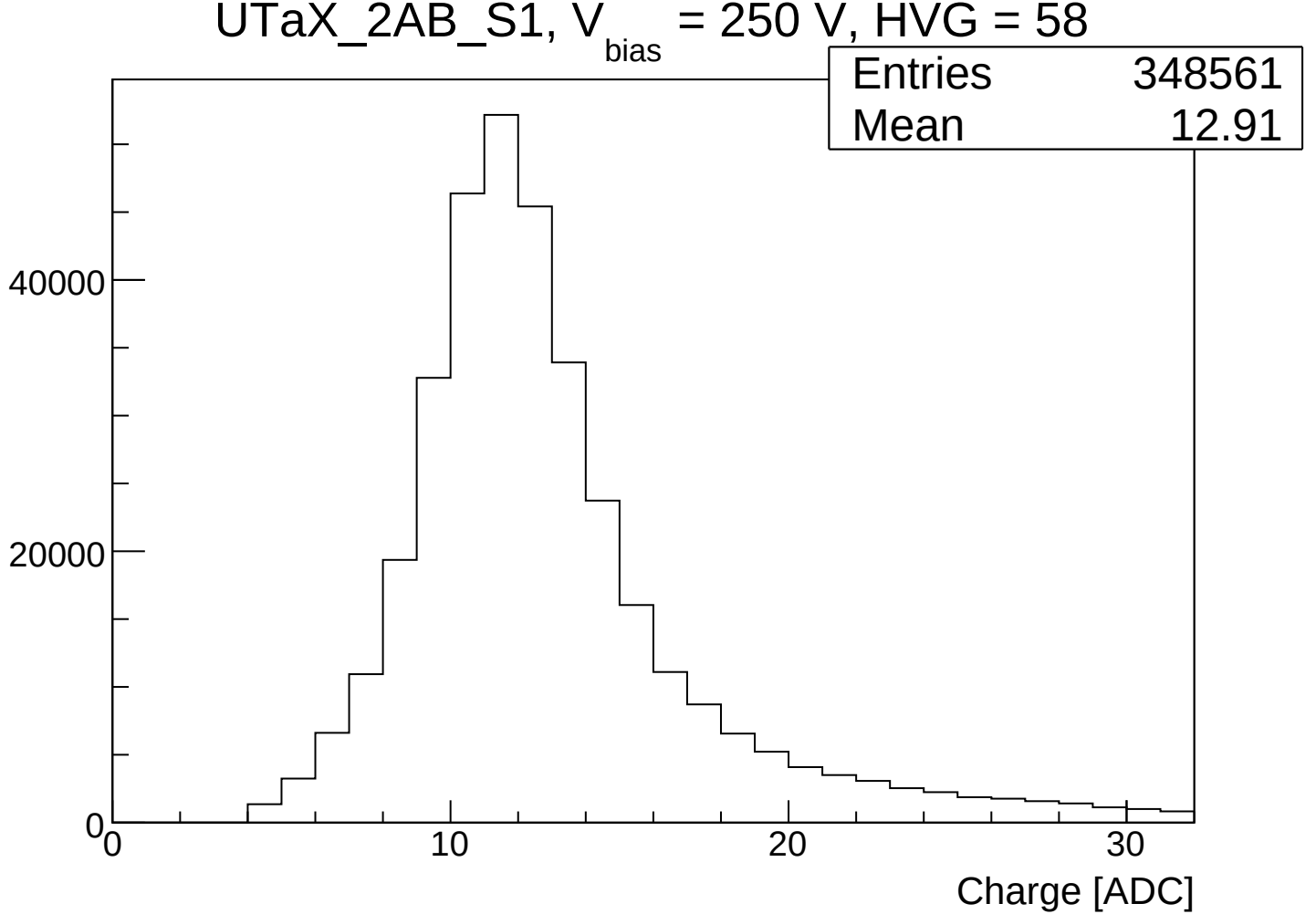

UTaX_8CB_M4, V bias = 250 V, HVG = 53
Entries 116
Mean 14.5
Charge [ADC]

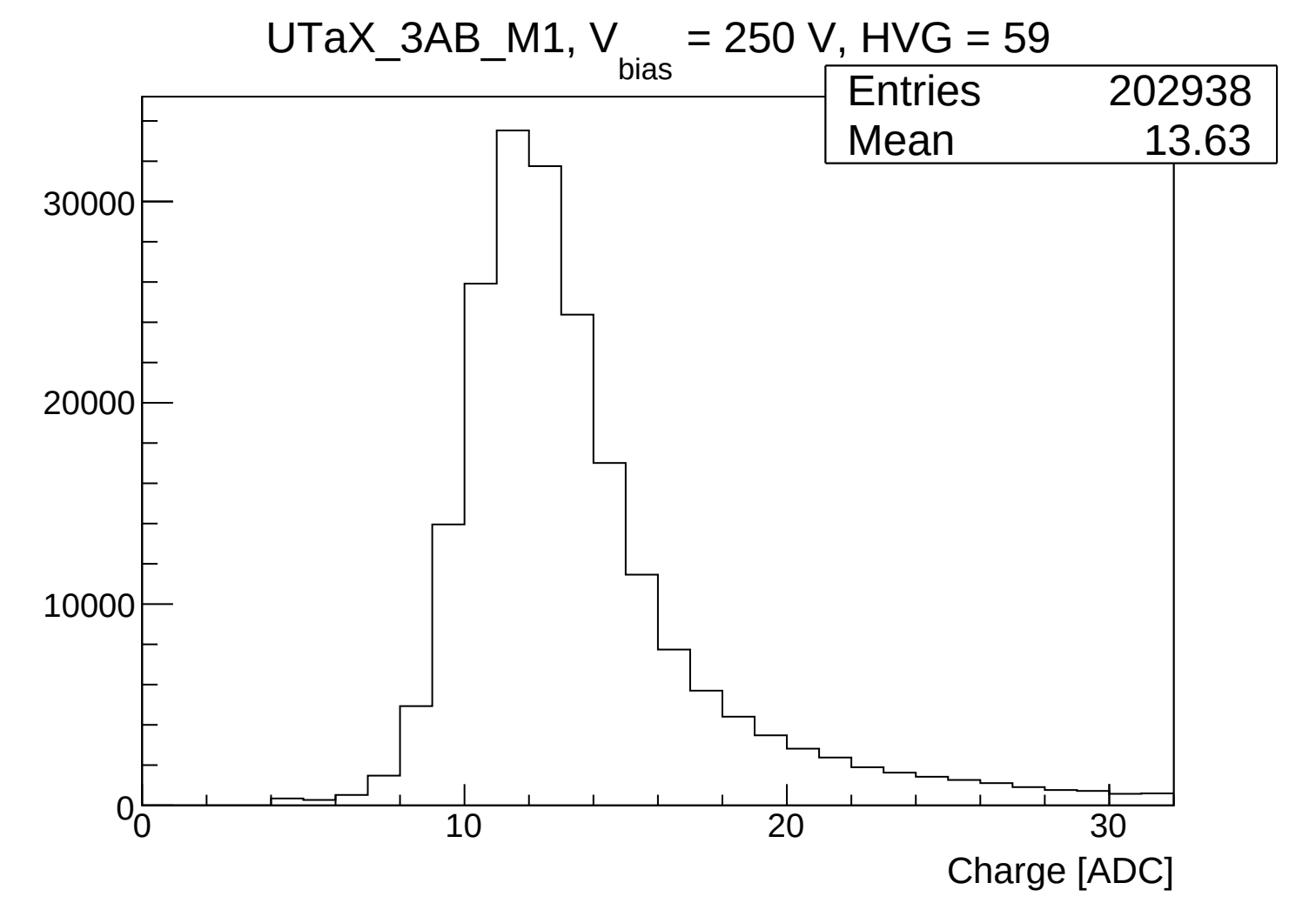

UTaX_1AB_S1, V bias = 200 V, HVG = 54
×10^3
Entries 1142177
Mean 12.34
150
100
50
0
0
10
20
30
Charge [ADC]

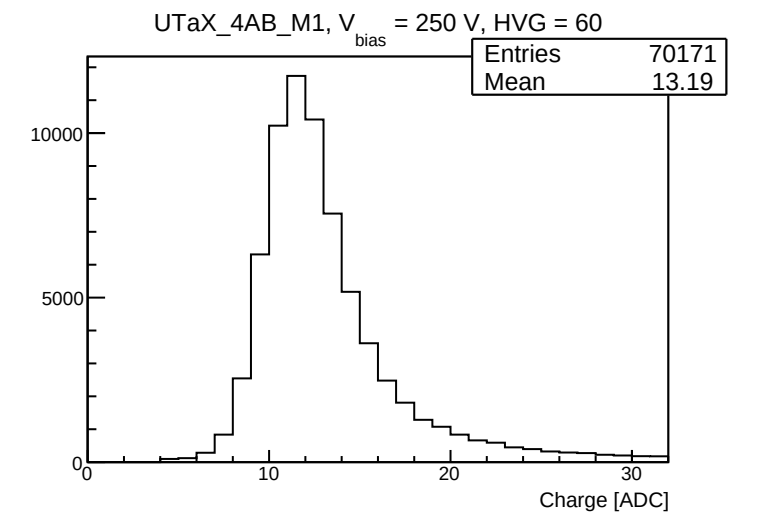

UTaX_1AB_M1, V bias = 200 V, HVG = 55
×10^3
Entries 1001355
Mean 12.24
150
100
50
0
0
10
20
30
Charge [ADC]

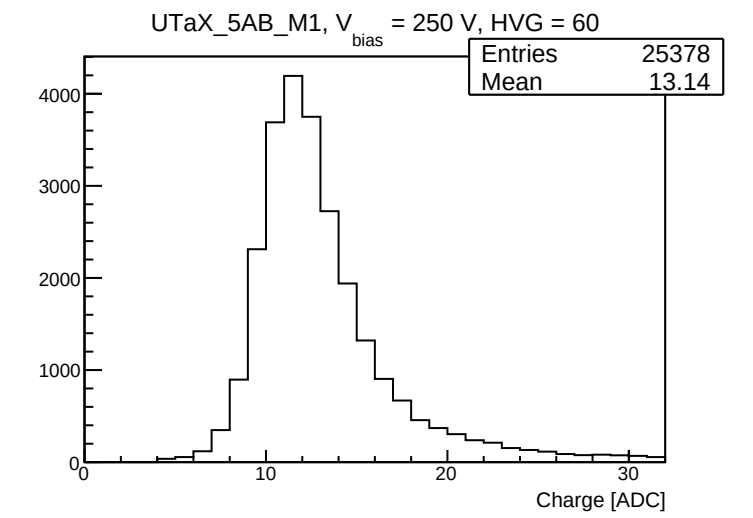

UTaX_1AB_S2, V bias = 250 V, HVG = 56
×10^3
Entries 818073
Mean 12.68
100
50
0
0
10
20
30
Charge [ADC]

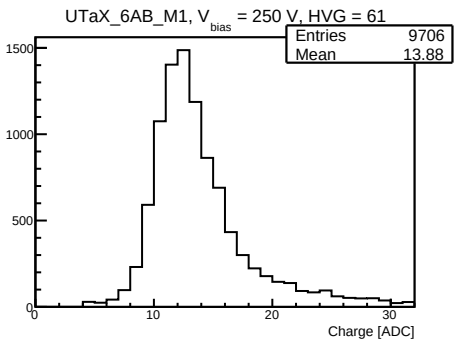

UTaX_2AB_M1, V bias = 250 V, HVG = 57
Entries 685896
Mean 13.76
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

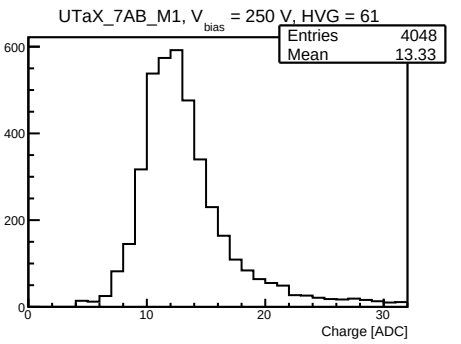

UTaX_2AB_S1, V bias = 250 V, HVG = 58
Entries 348561
Mean 12.91
40000
20000
0
0
10
20
30
Charge [ADC]

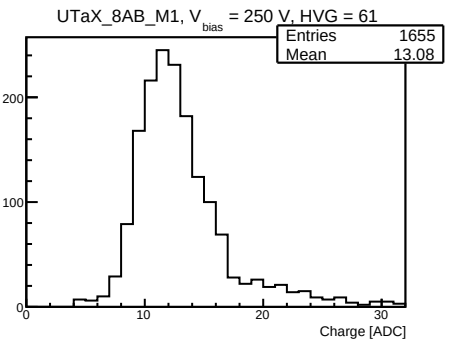

UTaX_3AB_M1, V bias = 250 V, HVG = 59
Entries 202938
Mean 13.63
30000
20000
10000
0
0
10
20
30
Charge [ADC]

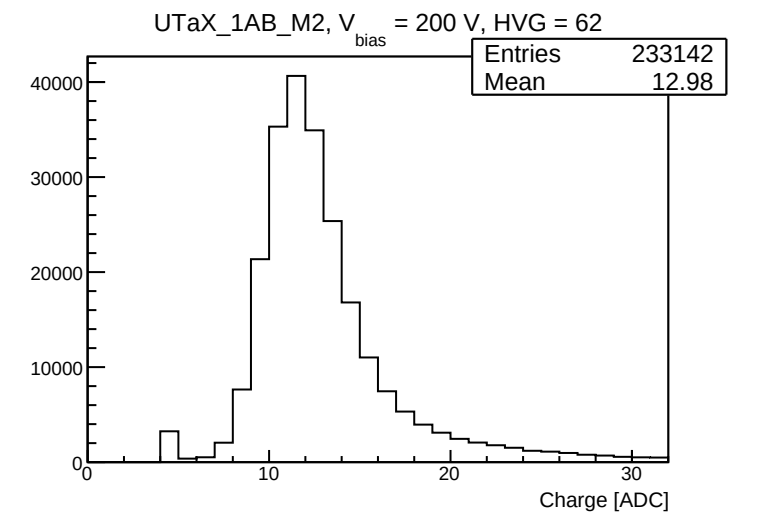

UTaX_4AB_M1, V bias = 250 V, HVG = 60
Entries 70171
Mean 13.19
10000
5000
0
0
10
20
30
Charge [ADC]

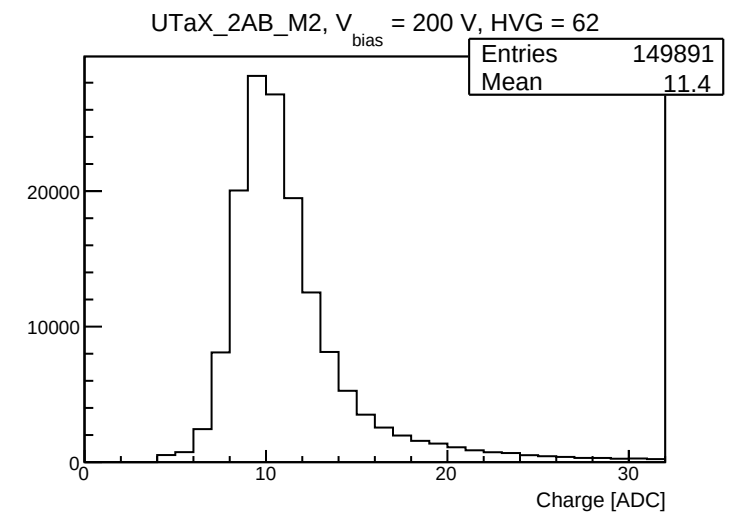

UTaX_5AB_M1, V bias = 250 V, HVG = 60
Entries 25378
Mean 13.14
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

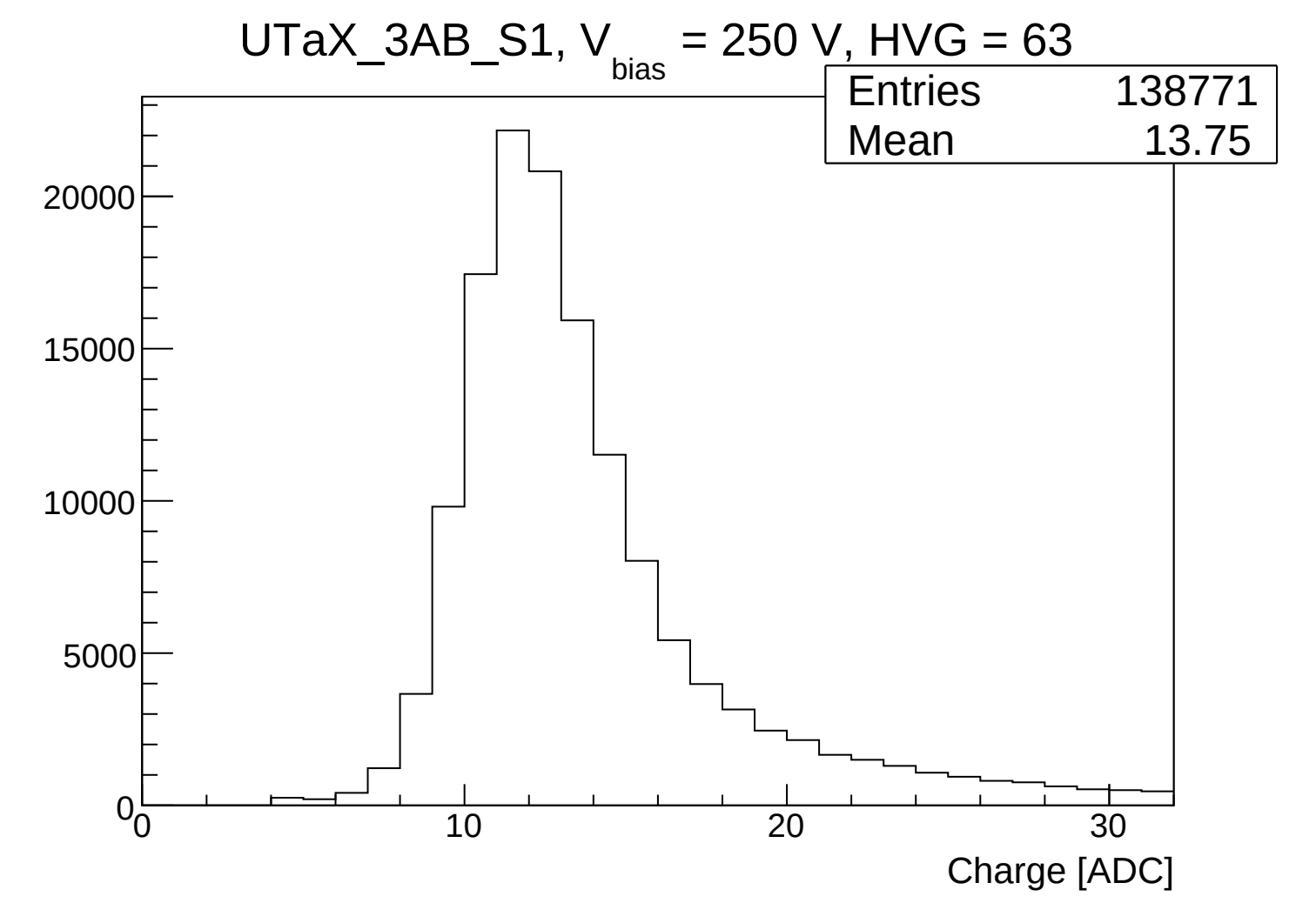

UTaX_6AB_M1, V bias = 250 V, HVG = 61
Entries 9706
Mean 13.88
1500
1000
500
0
0
10
20
30
Charge [ADC]

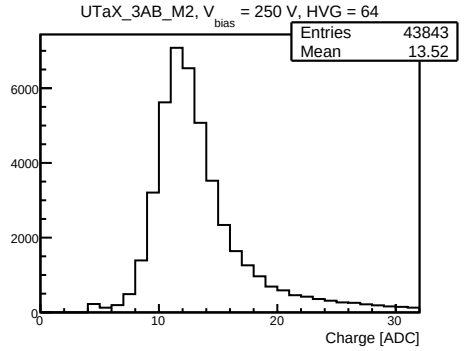

UTaX_7AB_M1, V bias = 250 V, HVG = 61
Entries 4048
Mean 13.33
600
400
200
0
0
10
20
30
Charge [ADC]

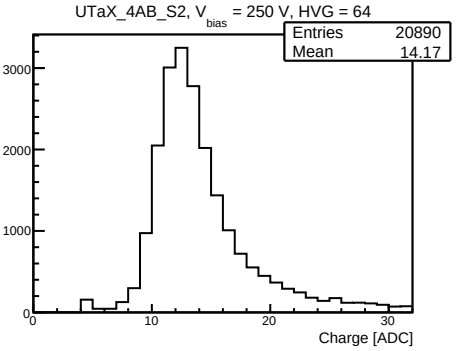

UTaX_8AB_M1, V bias = 250 V, HVG = 61
Entries 1655
Mean 13.08
200
100
0
0
10
20
30
Charge [ADC]

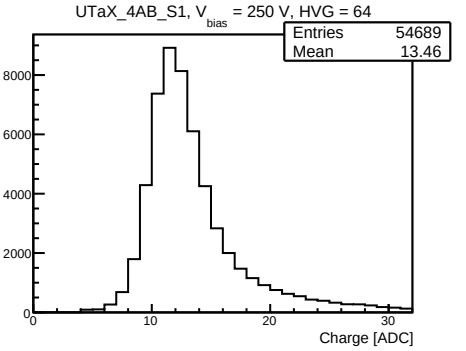

UTaX_1AB_M2, V bias = 200 V, HVG = 62
Entries 233142
Mean 12.98
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

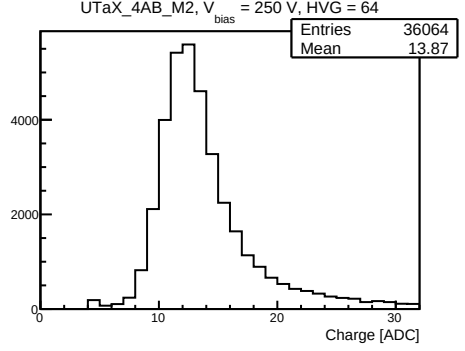

UTaX_2AB_M2, V bias = 200 V, HVG = 62
Entries 149891
Mean 11.4
20000
10000
0
0
10
20
30
Charge [ADC]

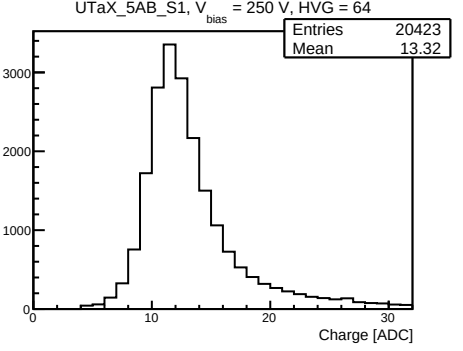

UTaX_3AB_S1, V bias = 250 V, HVG = 63
Entries 138771
Mean 13.75
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

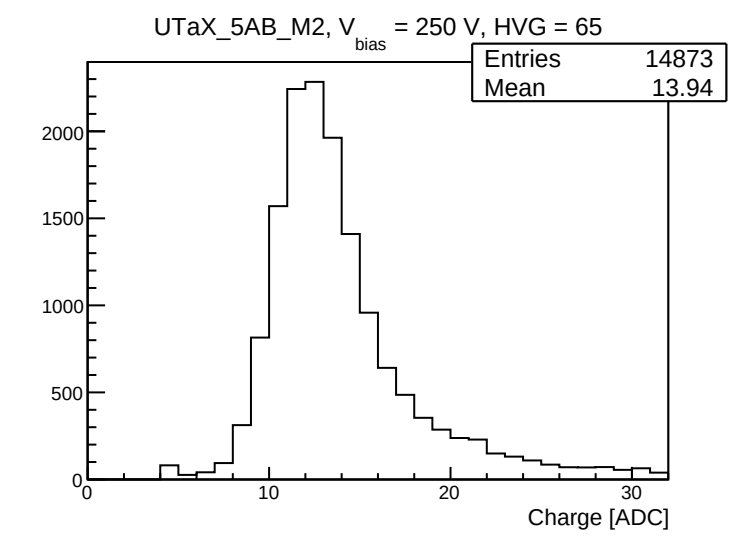

UTaX_3AB_M2, V bias = 250 V, HVG = 64
Entries 43843
Mean 13.52
Charge [ADC]

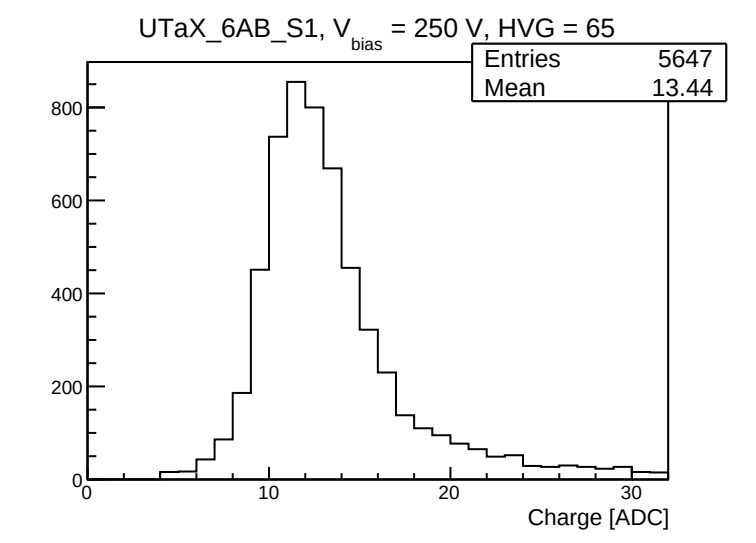

UTaX_4AB_S2, V bias = 250 V, HVG = 64
Entries 20890
Mean 14.17
Charge [ADC]

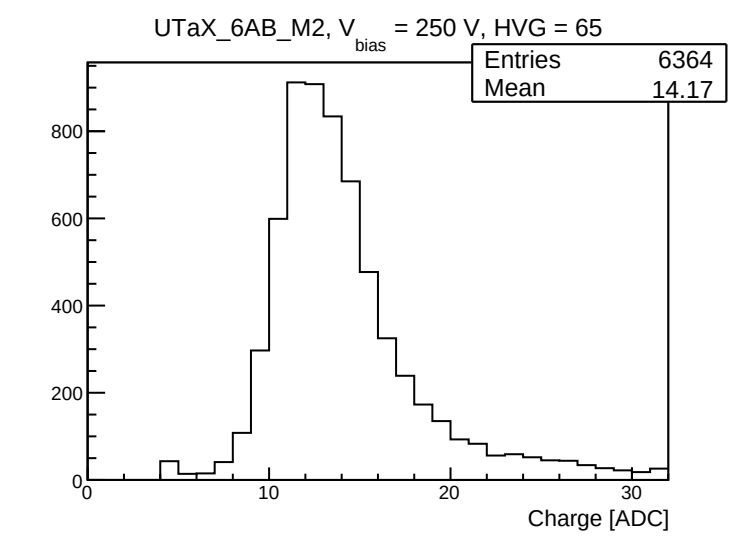

UTaX_4AB_S1, V bias = 250 V, HVG = 64
Entries 54689
Mean 13.46
Charge [ADC]

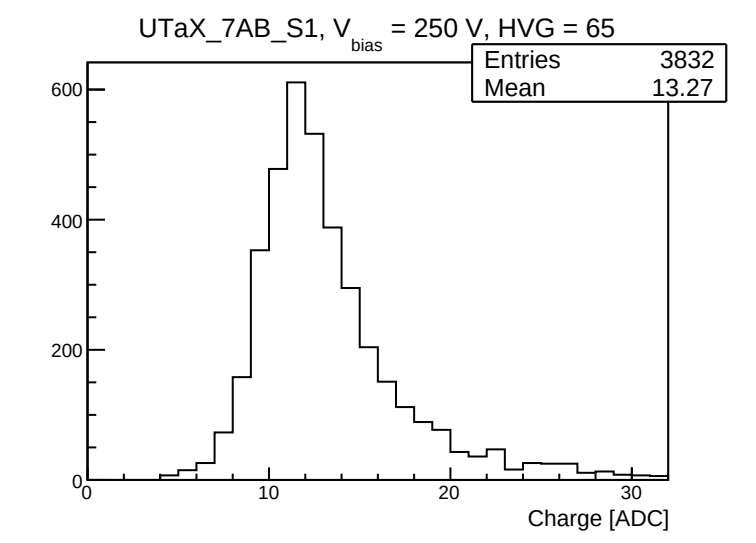

UTaX_4AB_M2, V bias = 250 V, HVG = 64
Entries 36064
Mean 13.87
Charge [ADC]

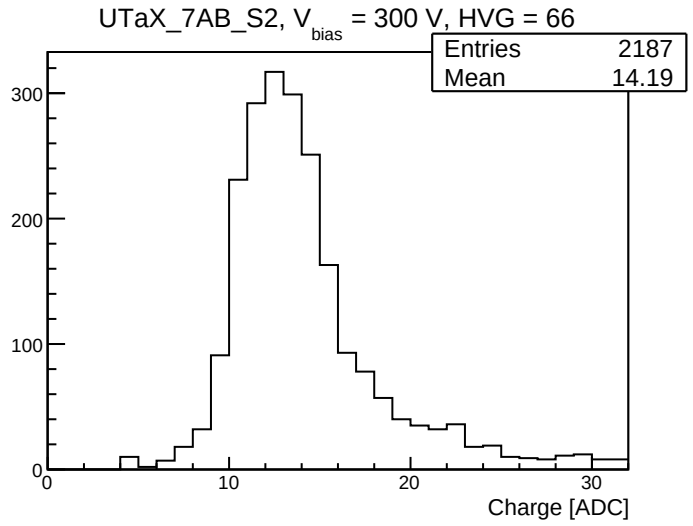

UTaX_5AB_S1, V bias = 250 V, HVG = 64
Entries 20423
Mean 13.32
Charge [ADC]

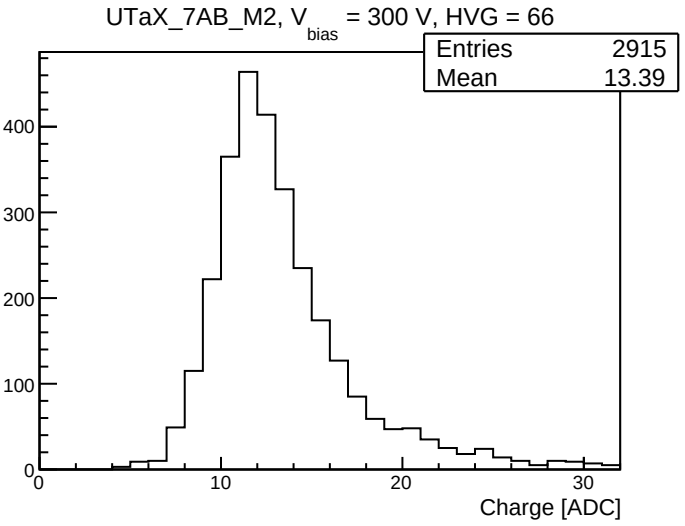

UTaX_5AB_M2, V bias = 250 V, HVG = 65
Entries 14873
Mean 13.94
Charge [ADC]

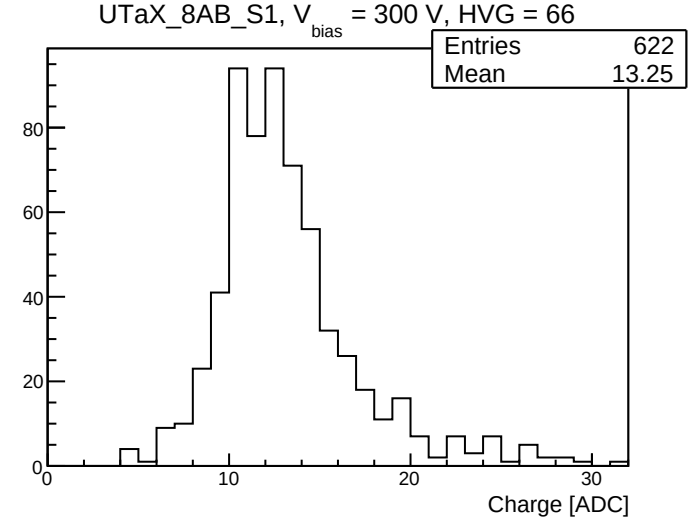

UTaX_6AB_S1, V bias = 250 V, HVG = 65
Entries 5647
Mean 13.44
Charge [ADC]

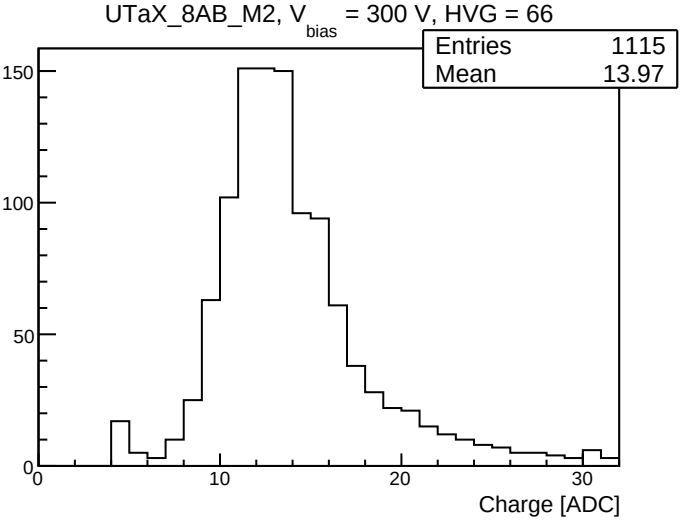

UTaX_6AB_M2, V bias = 250 V, HVG = 65
Entries 6364
Mean 14.17
Charge [ADC]

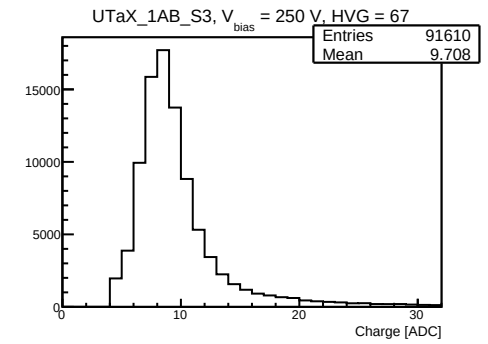

UTaX_7AB_S1, V bias = 250 V, HVG = 65
Entries 3832
Mean 13.27
Charge [ADC]

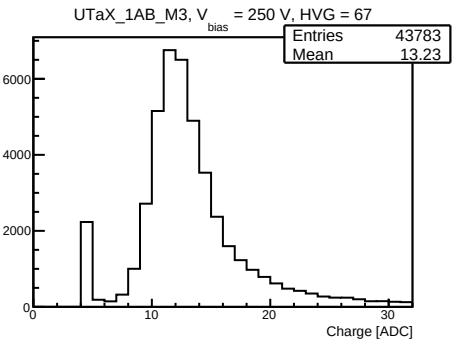

UTaX_7AB_S2, V bias = 300 V, HVG = 66
Entries 2187
Mean 14.19
300
200
100
0
0
10
20
30
Charge [ADC]

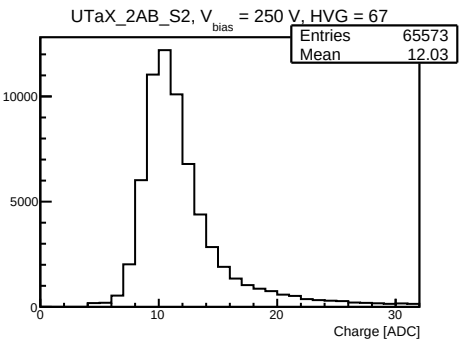

UTaX_7AB_M2, V bias = 300 V, HVG = 66
Entries 2915
Mean 13.39
400
300
200
100
0
0
10
20
30
Charge [ADC]

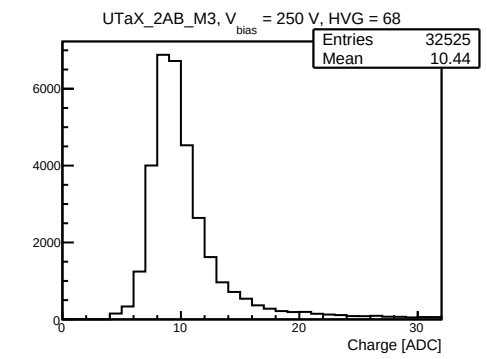

UTaX_8AB_S1, V bias = 300 V, HVG = 66
Entries 622
Mean 13.25
80
60
40
20
0
0
10
20
30
Charge [ADC]

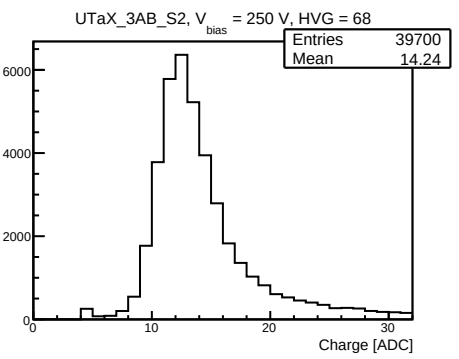

UTaX_8AB_M2, V bias = 300 V, HVG = 66
Entries 1115
Mean 13.97
150
100
50
0
0
10
20
30
Charge [ADC]

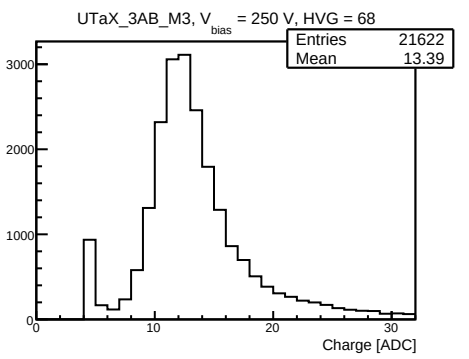

UTaX_1AB_S3, V bias = 250 V, HVG = 67
Entries 91610
Mean 9.708
15000
10000
5000
0
0
10
20
30
Charge [ADC]

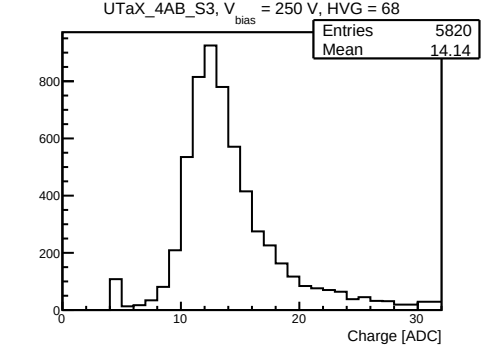

UTaX_1AB_M3, V bias = 250 V, HVG = 67
Entries 43783
Mean 13.23
6000
4000
2000
0
0
10
20
30
Charge [ADC]

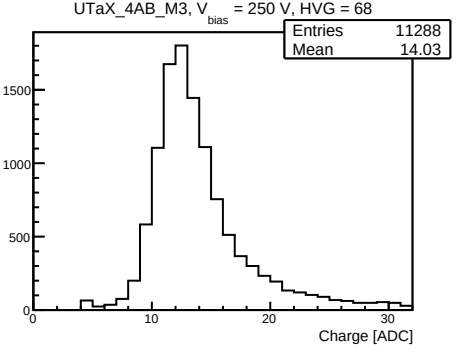

UTaX_2AB_S2, V bias = 250 V, HVG = 67
Entries 65573
Mean 12.03
10000
5000
0
0
10
20
30
Charge [ADC]

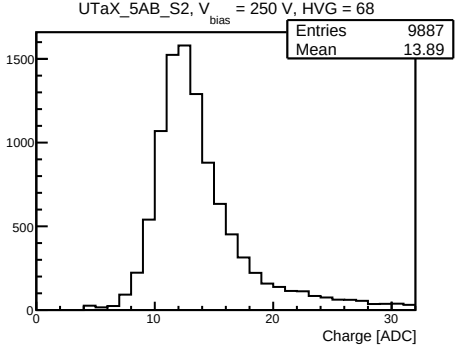

UTaX_2AB_M3, V bias = 250 V, HVG = 68
Entries 32525
Mean 10.44
Charge [ADC]

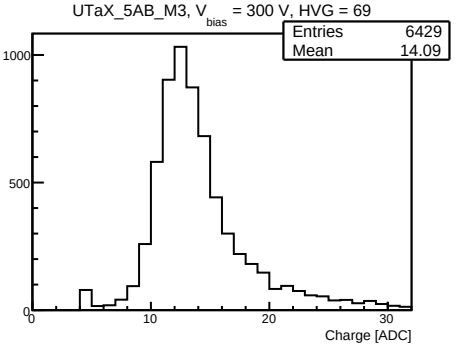

UTaX_3AB_S2, V bias = 250 V, HVG = 68
Entries 39700
Mean 14.24
Charge [ADC]

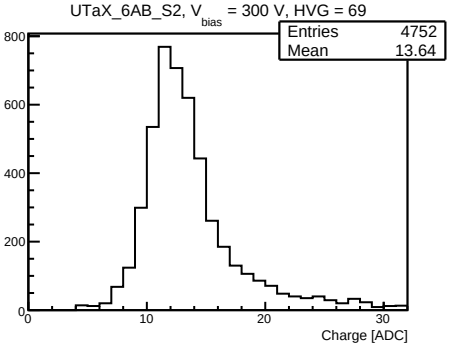

UTaX_3AB_M3, V bias = 250 V, HVG = 68
Entries 21622
Mean 13.39
Charge [ADC]

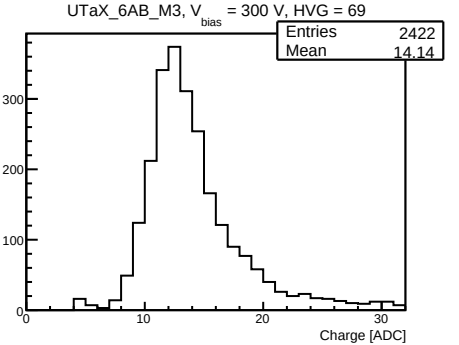

UTaX_4AB_S3, V bias = 250 V, HVG = 68
Entries 5820
Mean 14.14
Charge [ADC]

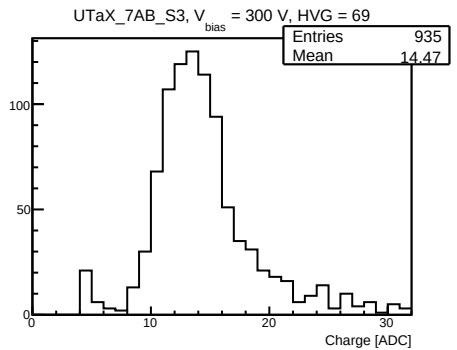

UTaX_4AB_M3, V bias = 250 V, HVG = 68
Entries 11288
Mean 14.03
Charge [ADC]

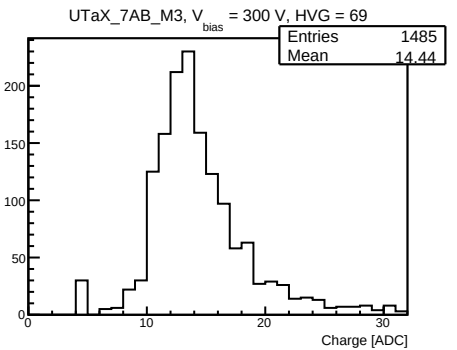

UTaX_5AB_S2, V bias = 250 V, HVG = 68
Entries 9887
Mean 13.89
Charge [ADC]

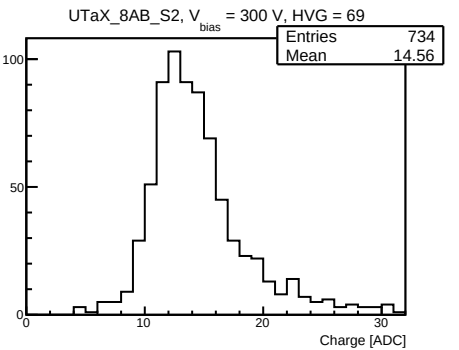

UTaX_5AB_M3, V bias = 300 V, HVG = 69
Entries 6429
Mean 14.09
Charge [ADC]

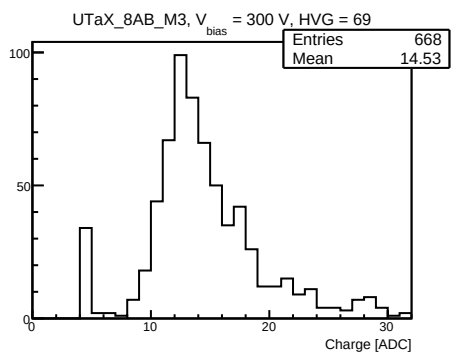

UTaX_6AB_S2, V bias = 300 V, HVG = 69
Entries 4752
Mean 13.64
Charge [ADC]

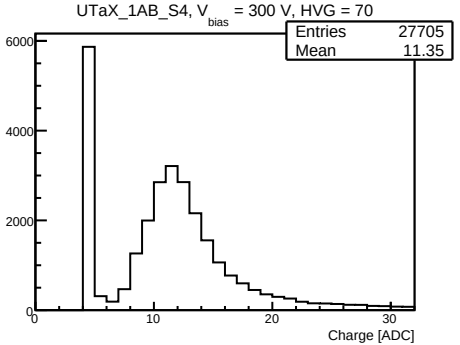

UTaX_6AB_M3, V bias = 300 V, HVG = 69
Entries 2422
Mean 14.14
Charge [ADC]

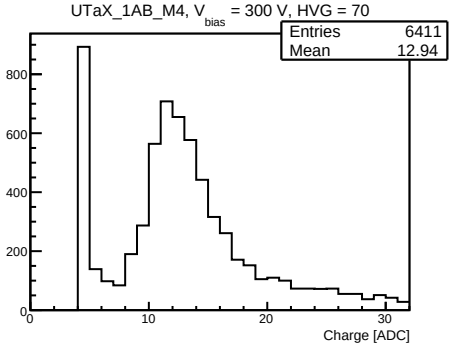

UTaX_7AB_S3, V bias = 300 V, HVG = 69
Entries 935
Mean 14.47
Charge [ADC]

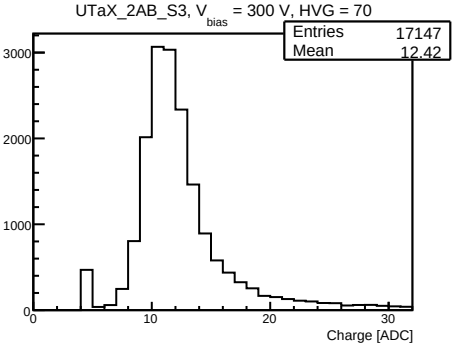

UTaX_7AB_M3, V bias = 300 V, HVG = 69
Entries 1485
Mean 14.44
Charge [ADC]

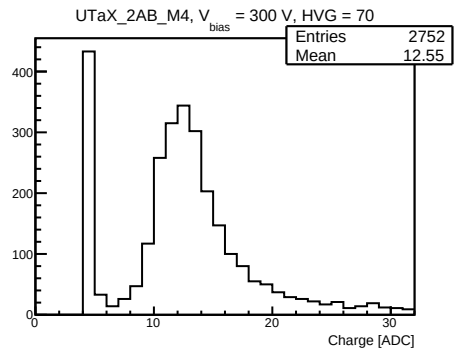

UTaX_8AB_S2, V bias = 300 V, HVG = 69
Entries 734
Mean 14.56
Charge [ADC]

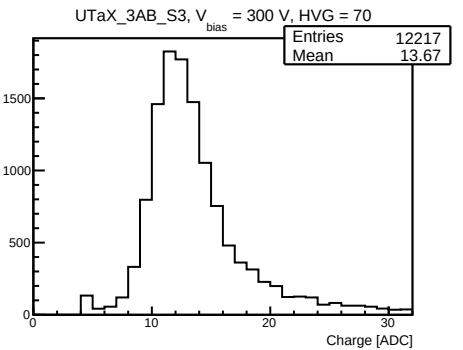

UTaX_8AB_M3, V bias = 300 V, HVG = 69
Entries 668
Mean 14.53
Charge [ADC]

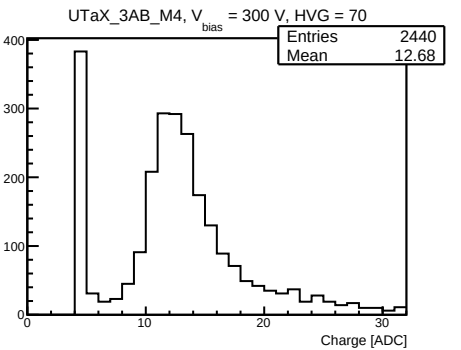

UTaX_1AB_S4, V bias = 300 V, HVG = 70
Entries 27705
Mean 11.35
Charge [ADC]

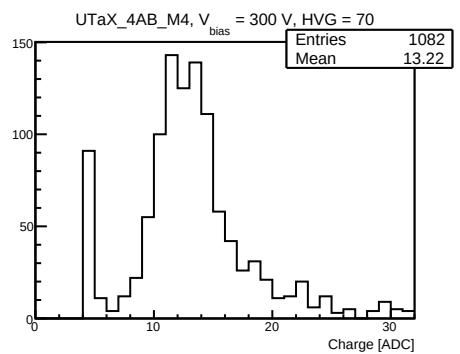

UTaX_1AB_M4, V bias = 300 V, HVG = 70
Entries 6411
Mean 12.94
Charge [ADC]

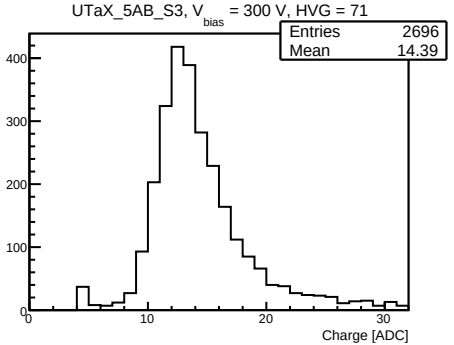

UTaX_2AB_S3, V bias = 300 V, HVG = 70
Entries 17147
Mean 12.42
Charge [ADC]

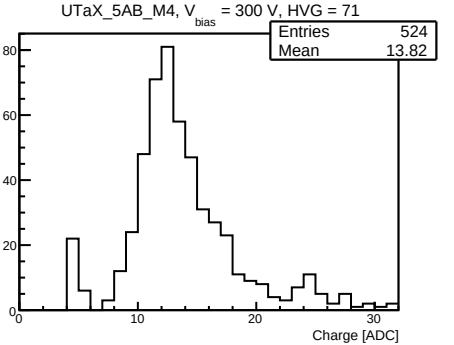

UTaX_2AB_M4, V bias = 300 V, HVG = 70
Entries 2752
Mean 12.55
Charge [ADC]

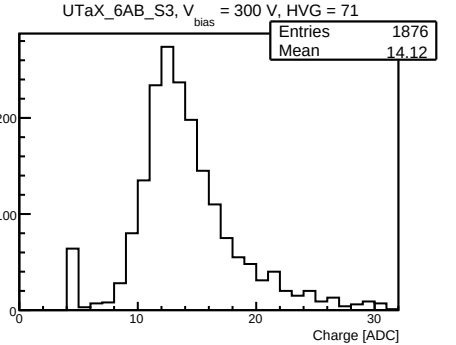

UTaX_3AB_S3, V bias = 300 V, HVG = 70
Entries 12217
Mean 13.67
Charge [ADC]

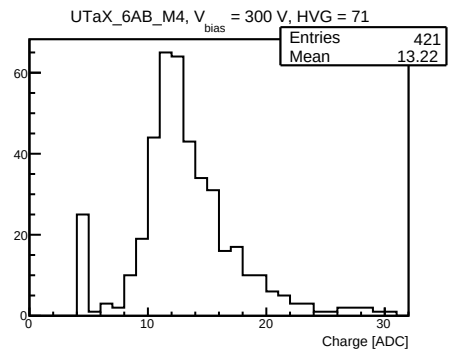

UTaX_3AB_M4, V bias = 300 V, HVG = 70
Entries 2440
Mean 12.68
Charge [ADC]

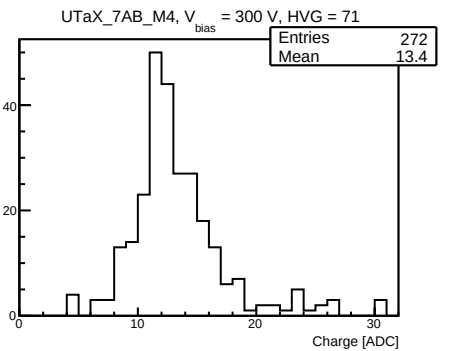

UTaX_4AB_M4, V bias = 300 V, HVG = 70
Entries 1082
Mean 13.22
Charge [ADC]

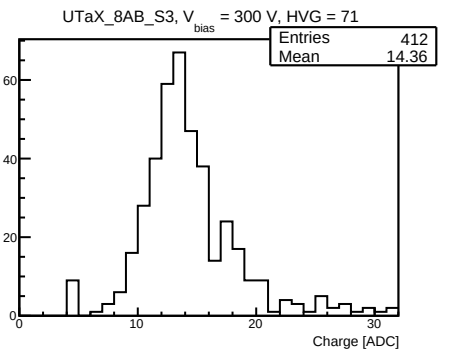

UTaX_5AB_S3, V bias = 300 V, HVG = 71
Entries 2696
Mean 14.39
Charge [ADC]

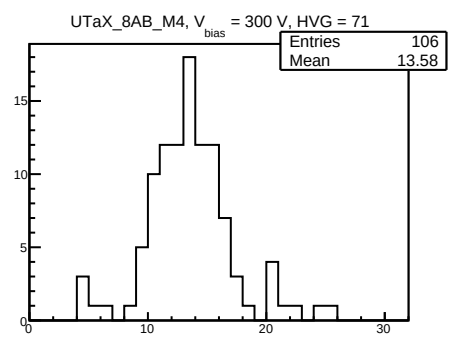

UTaX_5AB_M4, V bias = 300 V, HVG = 71
Entries 524
Mean 13.82
Charge [ADC]

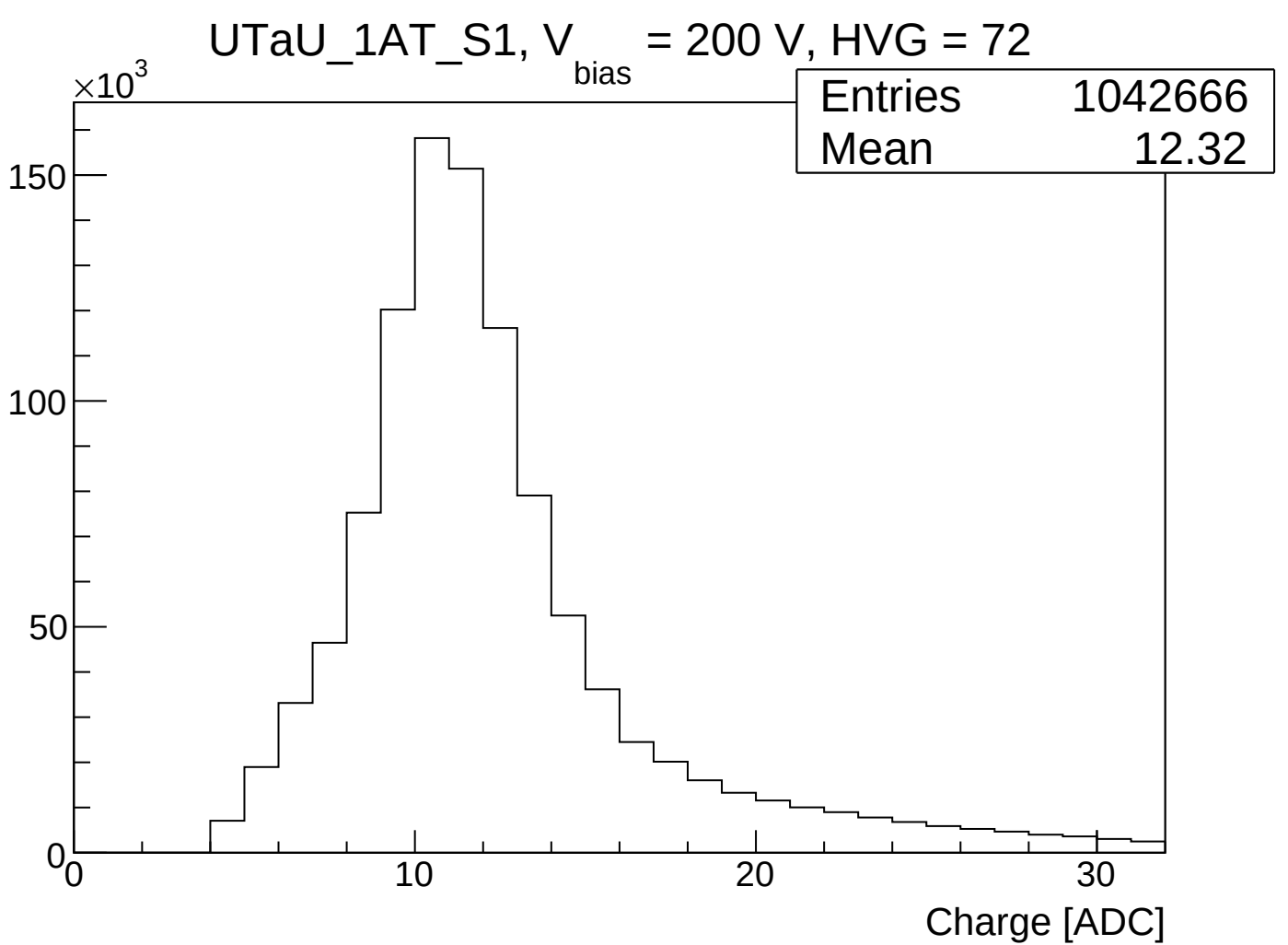

UTaX_6AB_S3, V bias = 300 V, HVG = 71
Entries 1876
Mean 14.12
Charge [ADC]

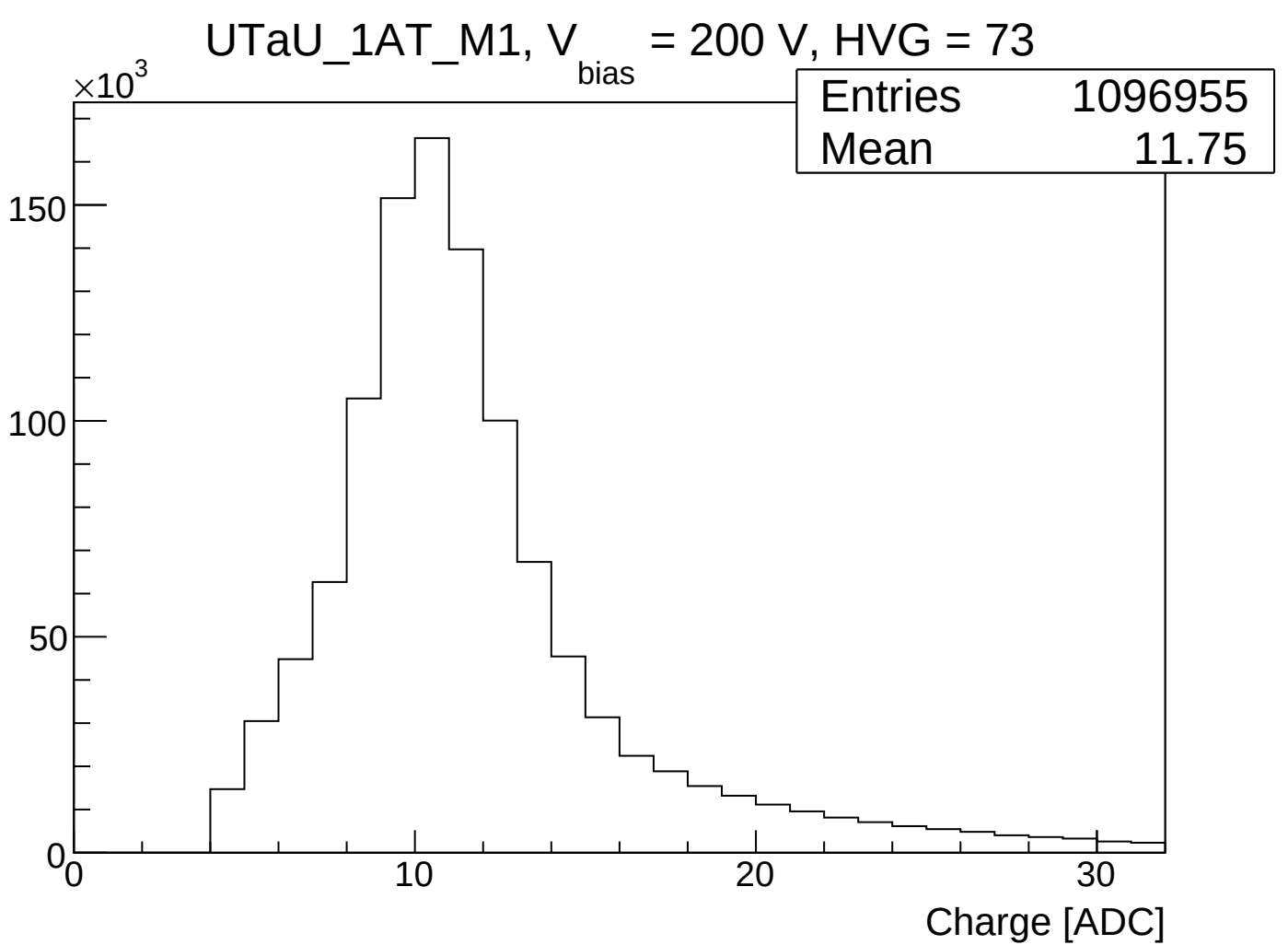

UTaX_6AB_M4, V bias = 300 V, HVG = 71
Entries 421
Mean 13.22
Charge [ADC]

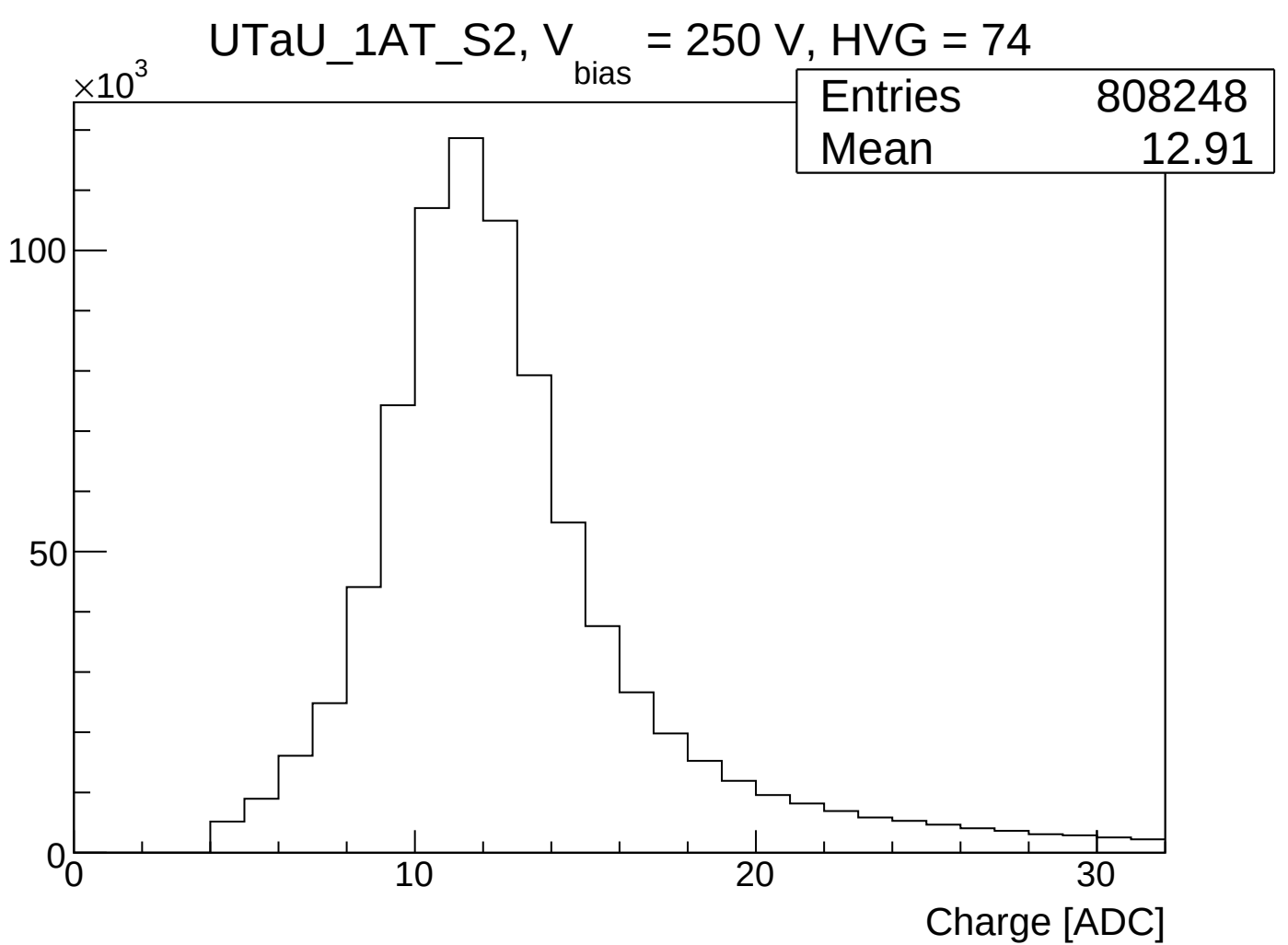

UTaX_7AB_M4, V bias = 300 V, HVG = 71
Entries 272
Mean 13.4
Charge [ADC]

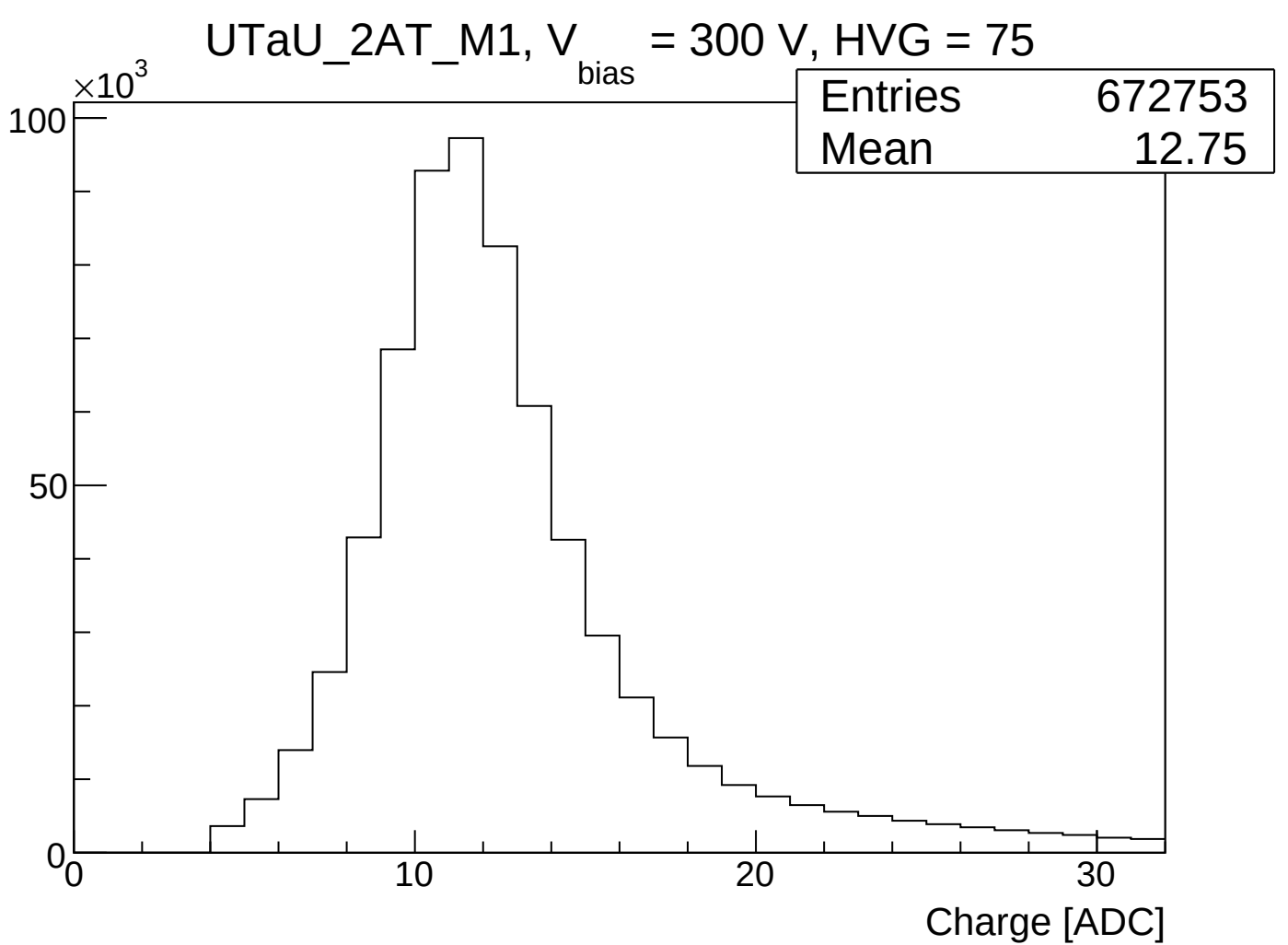

UTaX_8AB_S3, V bias = 300 V, HVG = 71
Entries 412
Mean 14.36
Charge [ADC]

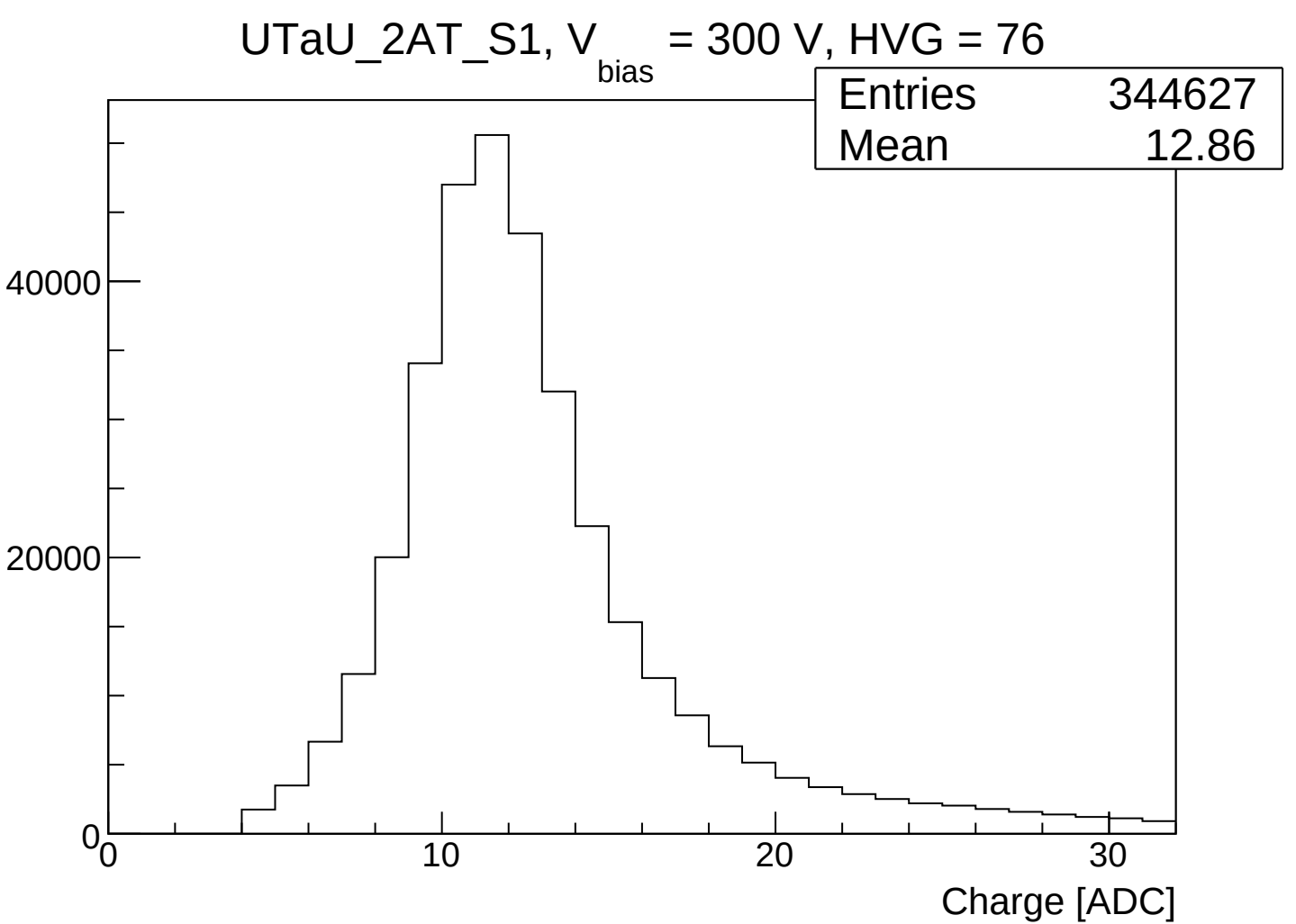

UTaX_8AB_M4, V bias = 300 V, HVG = 71
Entries 106
Mean 13.58
Charge [ADC]

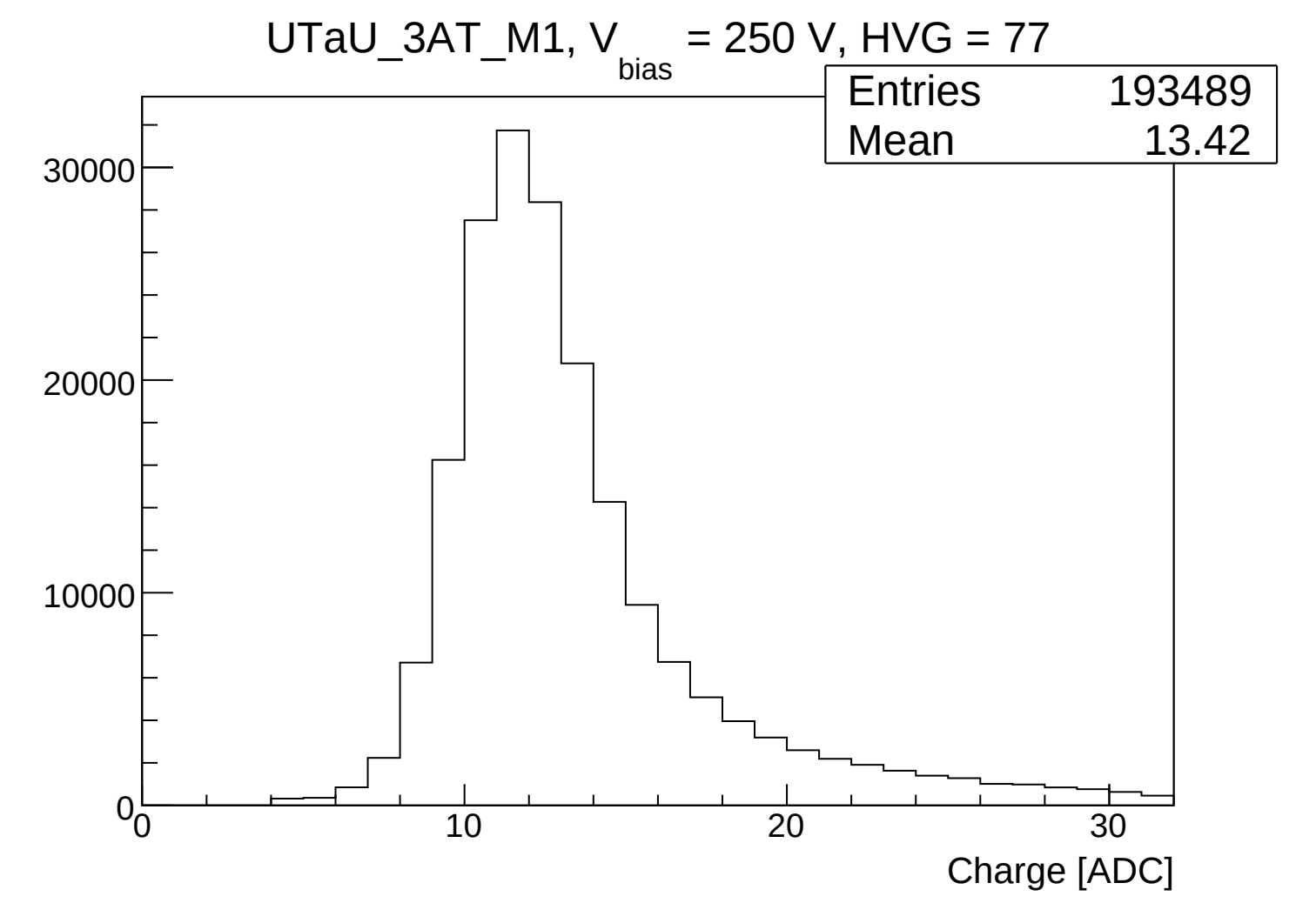

UTaU_1AT_S1, V bias = 200 V, HVG = 72
×10^3
Entries 1042666
Mean 12.32
150
100
50
0
0
10
20
30
Charge [ADC]

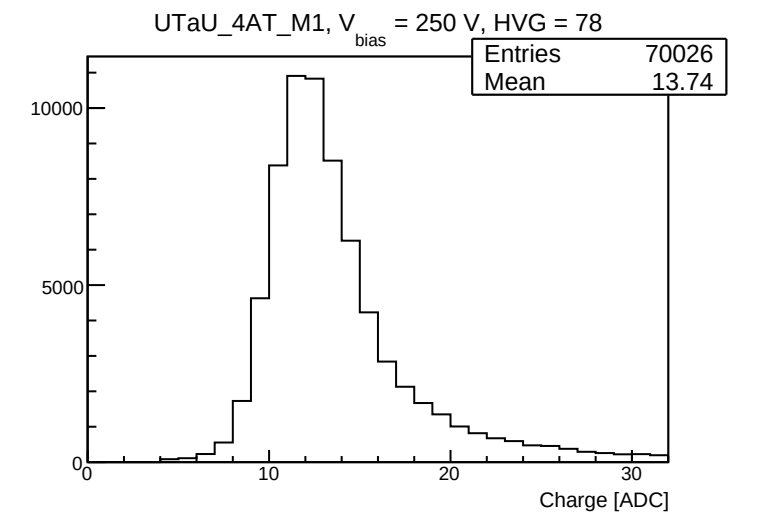

UTaU_1AT_M1, V bias = 200 V, HVG = 73
×10^3
Entries 1096955
Mean 11.75
150
100
50
0
0
10
20
30
Charge [ADC]

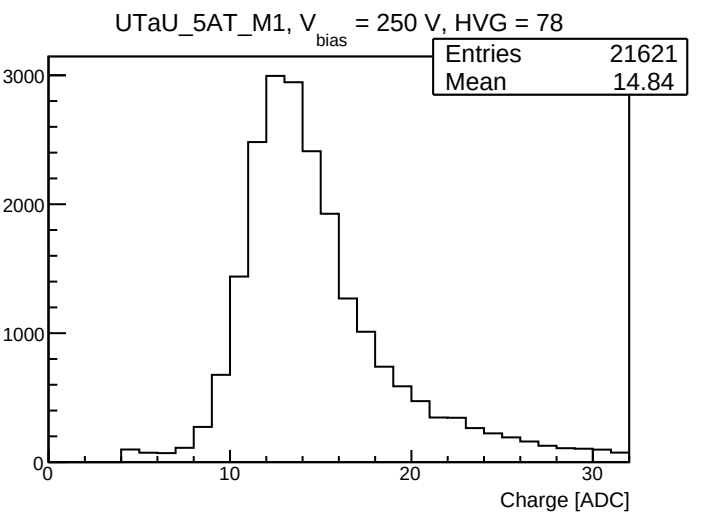

UTaU_1AT_S2, V bias = 250 V, HVG = 74
×10^3
Entries 808248
Mean 12.91
100
50
0
0
10
20
30
Charge [ADC]

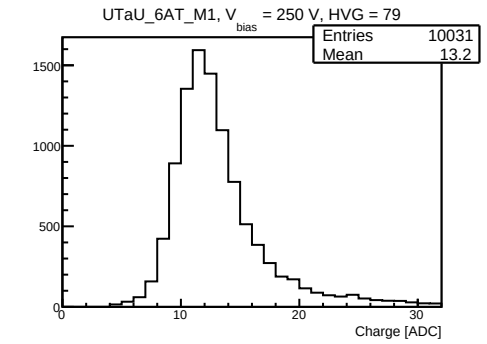

UTaU_2AT_M1, V bias = 300 V, HVG = 75
×10^3
100
50
0
0
10
20
30
Charge [ADC]
Entries 672753
Mean 12.75

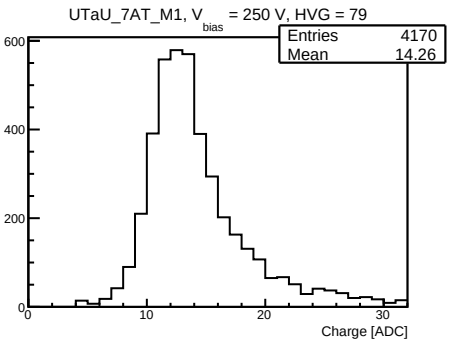

UTaU_2AT_S1, V bias = 300 V, HVG = 76
Entries 344627
Mean 12.86
40000
20000
0
0
10
20
30
Charge [ADC]

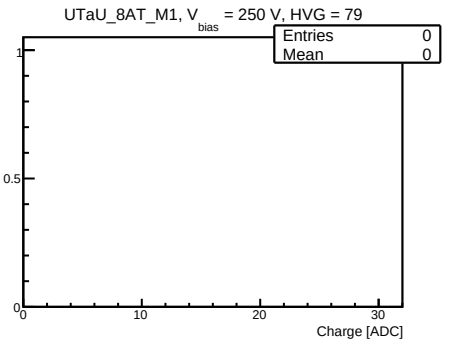

UTaU_3AT_M1, V bias = 250 V, HVG = 77
Entries 193489
Mean 13.42
30000
20000
10000
0
0
10
20
30
Charge [ADC]

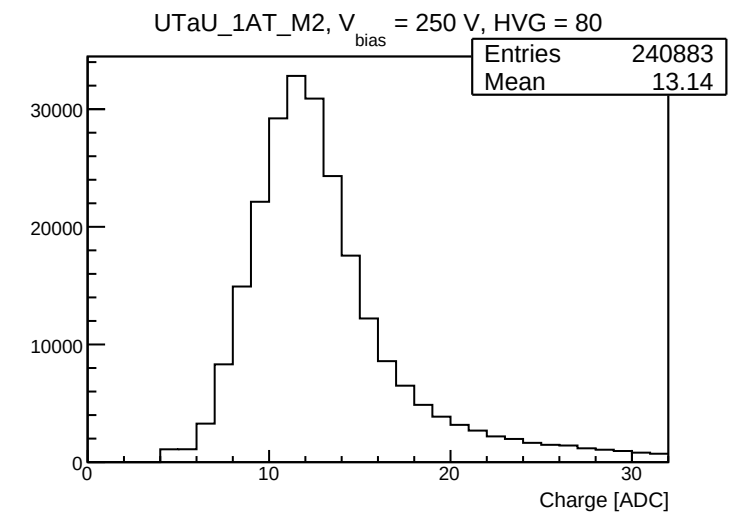

UTaU_4AT_M1, V bias = 250 V, HVG = 78
Entries 70026
Mean 13.74
10000
5000
0
0
10
20
30
Charge [ADC]

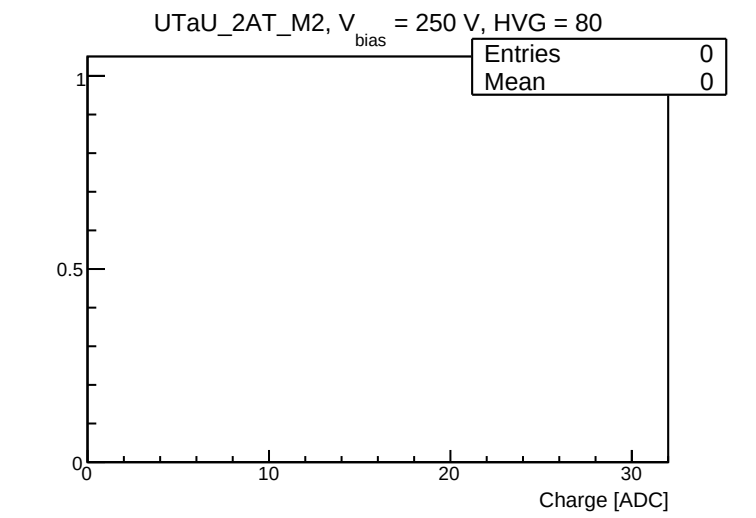

UTaU_5AT_M1, V bias = 250 V, HVG = 78
Entries 21621
Mean 14.84
3000
2000
1000
0
0
10
20
30
Charge [ADC]

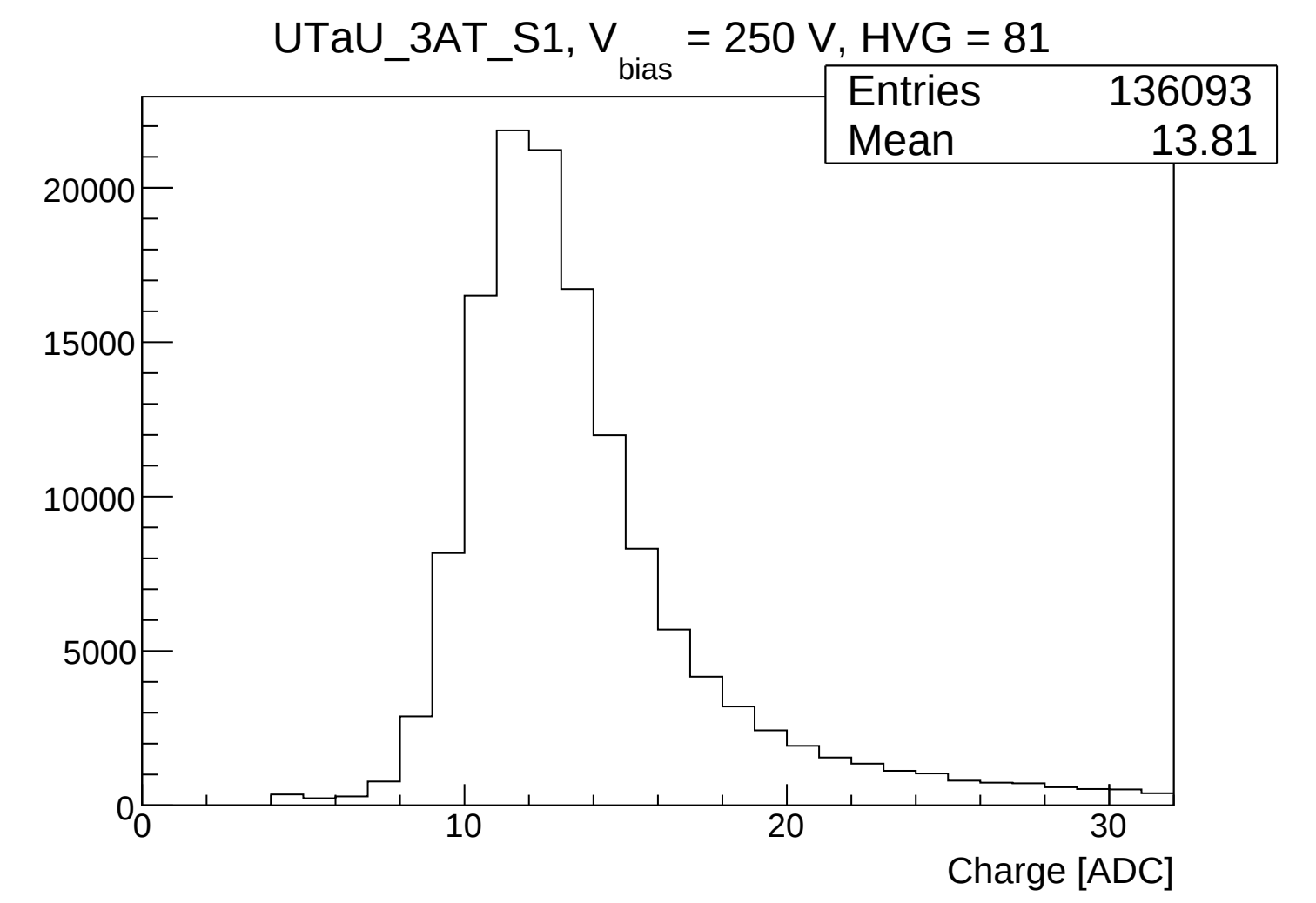

UTaU_6AT_M1, V bias = 250 V, HVG = 79
Entries 10031
Mean 13.2
1500
1000
500
0
0
10
20
30
Charge [ADC]

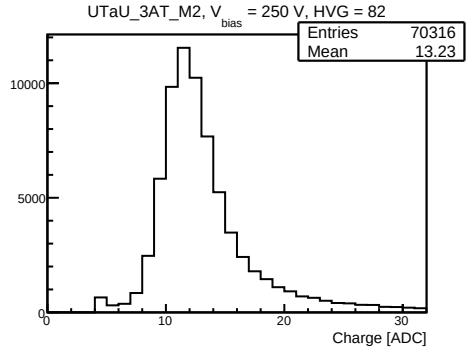

UTaU_7AT_M1, V bias = 250 V, HVG = 79
Entries 4170
Mean 14.26
600
400
200
0
0
10
20
30
Charge [ADC]

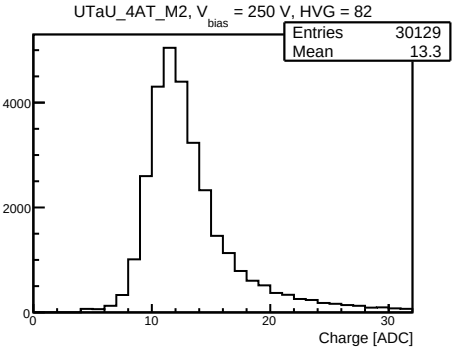

UTaU_8AT_M1, V bias = 250 V, HVG = 79
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

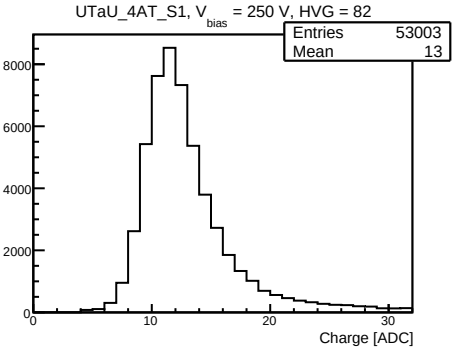

UTaU_1AT_M2, V bias = 250 V, HVG = 80
Entries 240883
Mean 13.14
30000
20000
10000
0
0
10
20
30
Charge [ADC]

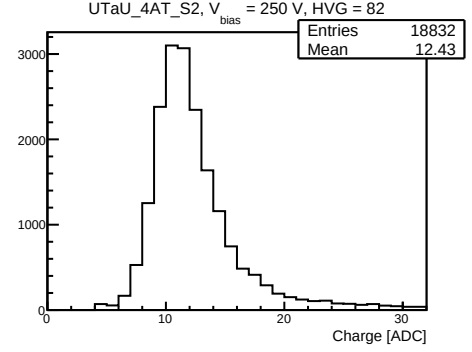

UTaU_2AT_M2, V bias = 250 V, HVG = 80
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

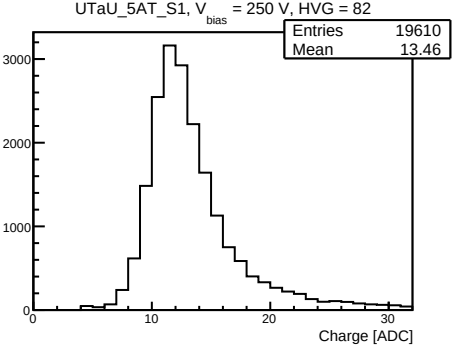

UTaU_3AT_S1, V bias = 250 V, HVG = 81
Entries 136093
Mean 13.81
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

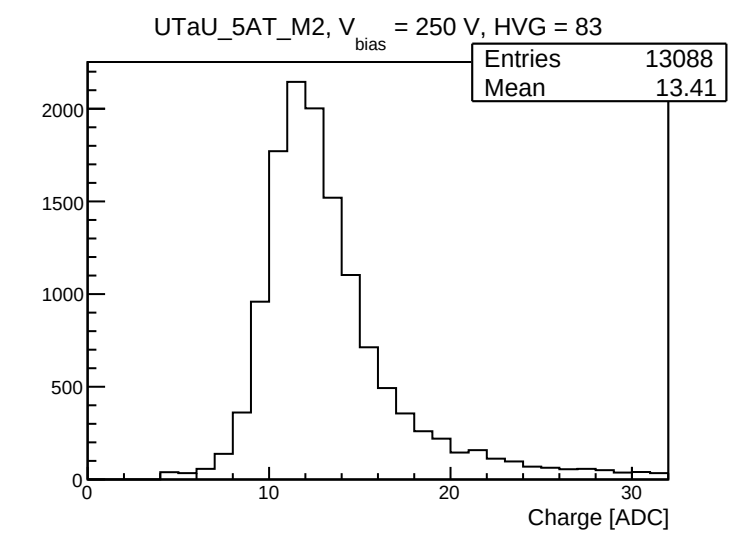

UTaU_3AT_M2, V bias = 250 V, HVG = 82
Entries 70316
Mean 13.23
Charge [ADC]

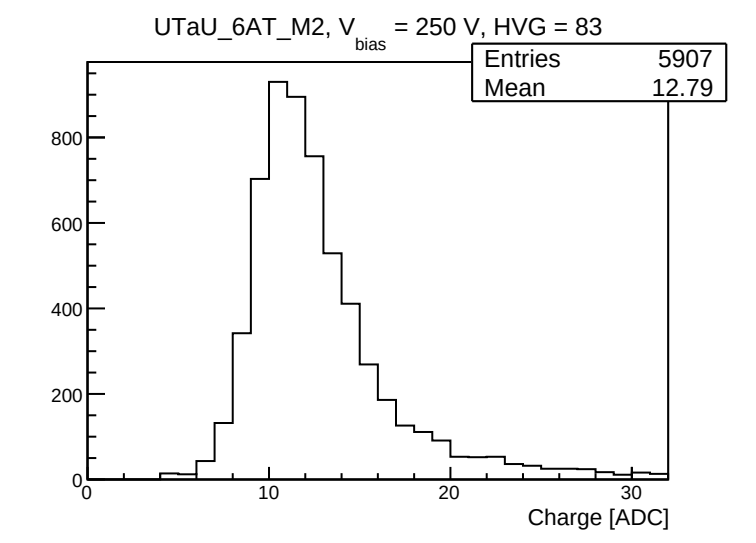

UTaU_4AT_M2, V bias = 250 V, HVG = 82
Entries 30129
Mean 13.3
Charge [ADC]

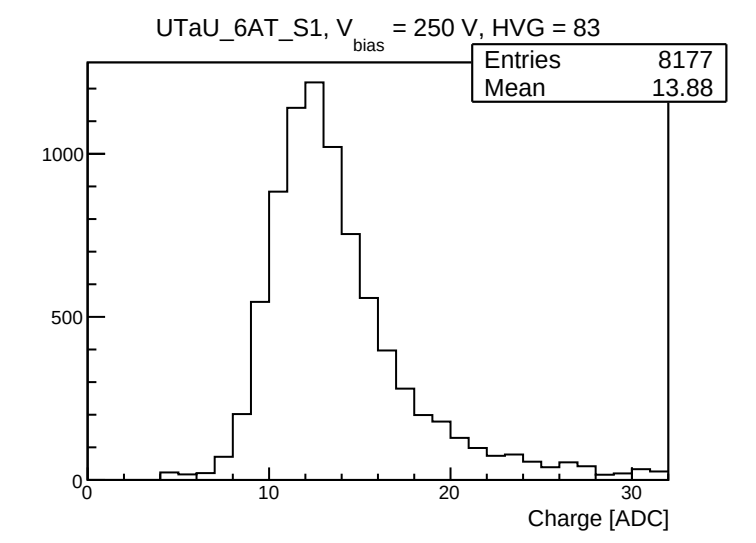

UTaU_4AT_S1, V bias = 250 V, HVG = 82
Entries 53003
Mean 13
Charge [ADC]

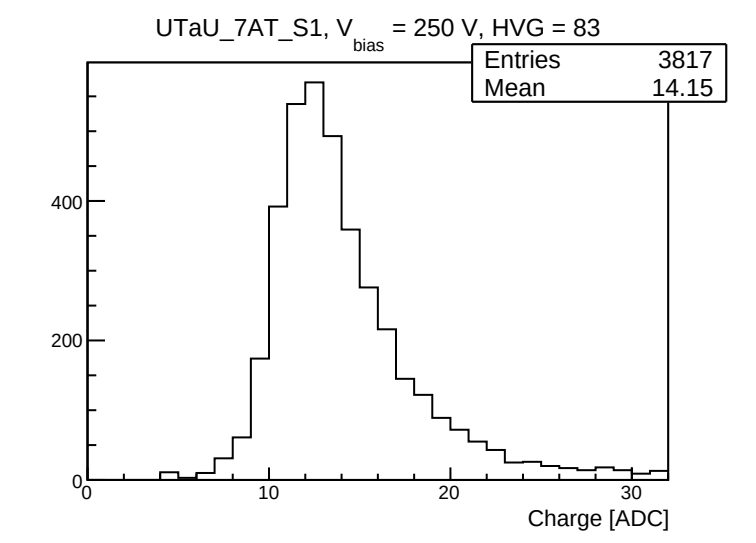

UTaU_4AT_S2, V bias = 250 V, HVG = 82
Entries 18832
Mean 12.43
Charge [ADC]

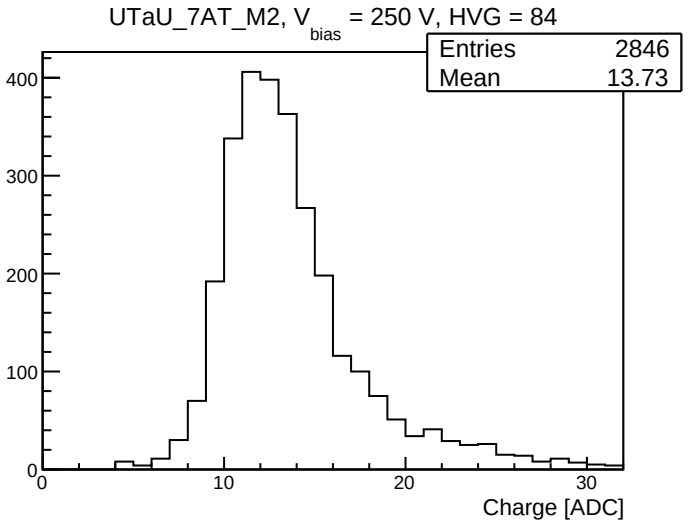

UTaU_5AT_S1, V bias = 250 V, HVG = 82
Entries 19610
Mean 13.46
Charge [ADC]

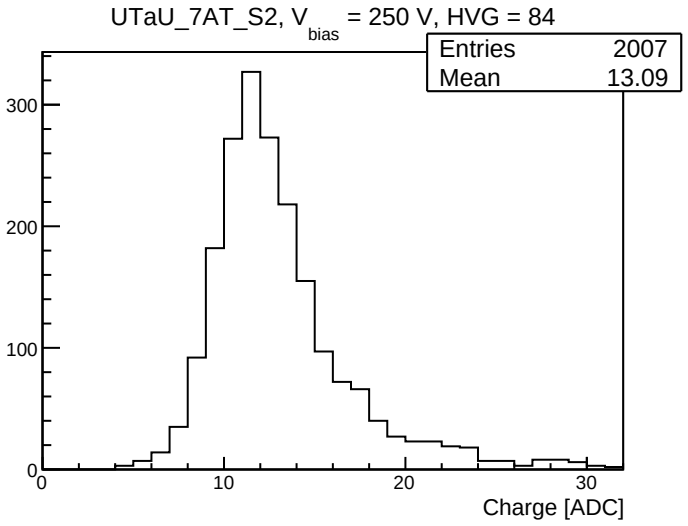

UTaU_5AT_M2, V bias = 250 V, HVG = 83
Entries 13088
Mean 13.41
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

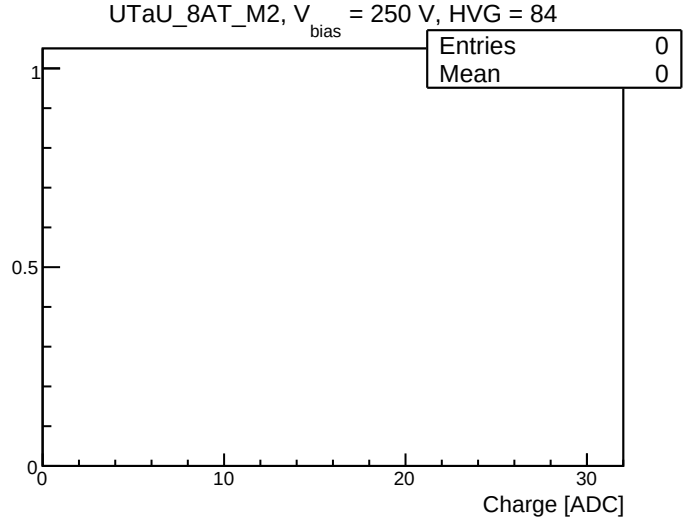

UTaU_6AT_M2, V bias = 250 V, HVG = 83
Entries 5907
Mean 12.79
800
600
400
200
0
0
10
20
30
Charge [ADC]

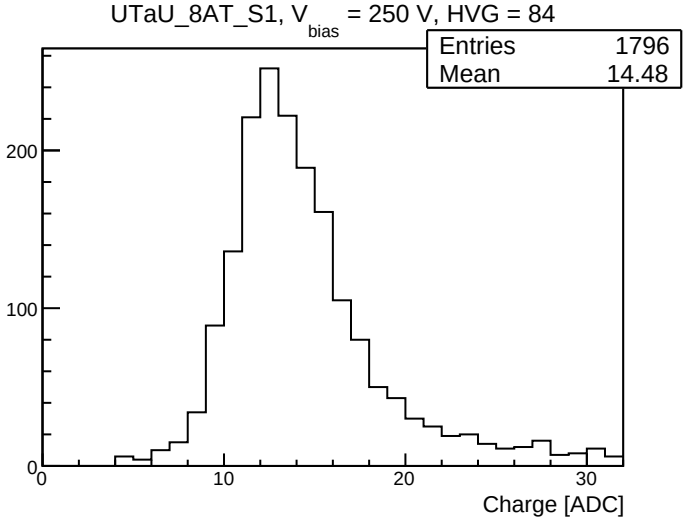

UTaU_6AT_S1, V bias = 250 V, HVG = 83
Entries 8177
Mean 13.88
1000
500
0
0
10
20
30
Charge [ADC]

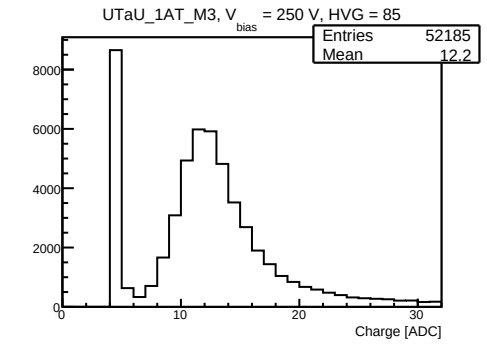

UTaU_7AT_S1, V bias = 250 V, HVG = 83
Entries 3817
Mean 14.15
400
200
0
0
10
20
30
Charge [ADC]

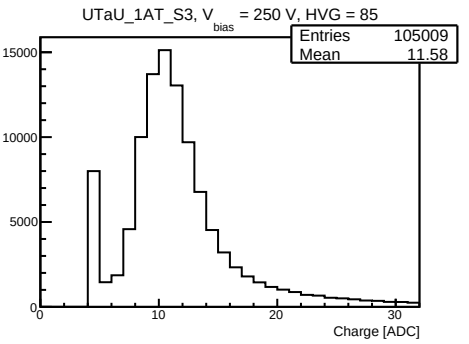

UTaU_7AT_M2, V bias = 250 V, HVG = 84
Entries 2846
Mean 13.73
400
300
200
100
0
0
10
20
30
Charge [ADC]

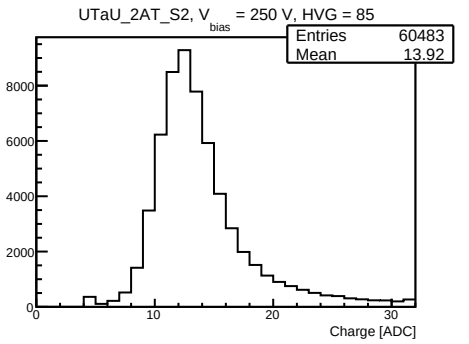

UTaU_7AT_S2, V bias = 250 V, HVG = 84
Entries 2007
Mean 13.09
300
200
100
0
0
10
20
30
Charge [ADC]

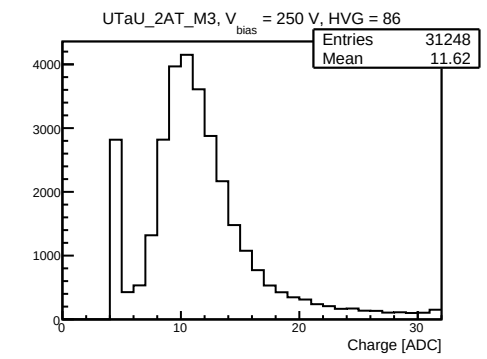

UTaU_8AT_M2, V bias = 250 V, HVG = 84
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

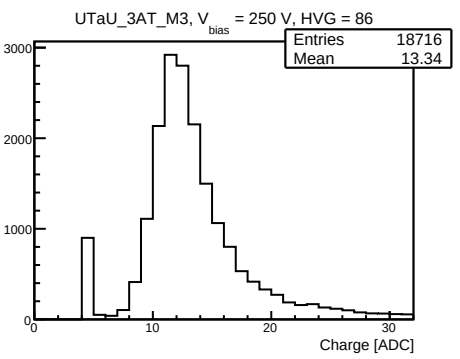

UTaU_8AT_S1, V bias = 250 V, HVG = 84
Entries 1796
Mean 14.48
200
100
0
0
10
20
30
Charge [ADC]

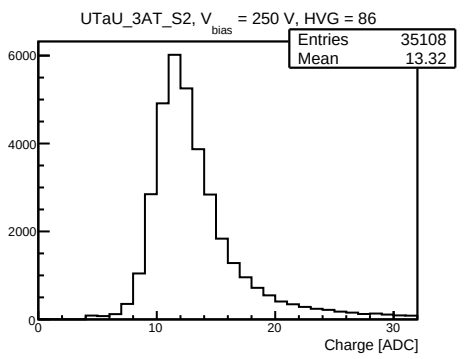

UTaU_1AT_M3, V bias = 250 V, HVG = 85
Entries 52185
Mean 12.2
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

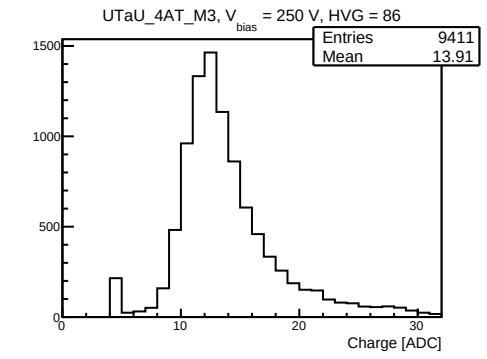

UTaU_1AT_S3, V bias = 250 V, HVG = 85
Entries 105009
Mean 11.58
15000
10000
5000
0
0
10
20
30
Charge [ADC]

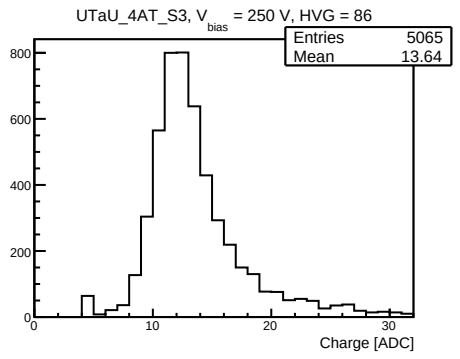

UTaU_2AT_S2, V bias = 250 V, HVG = 85
Entries 60483
Mean 13.92
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

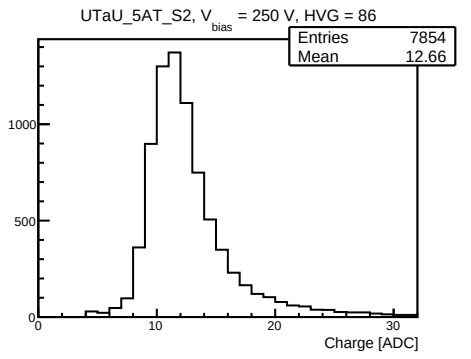

UTaU_2AT_M3, V bias = 250 V, HVG = 86
Entries 31248
Mean 11.62
Charge [ADC]

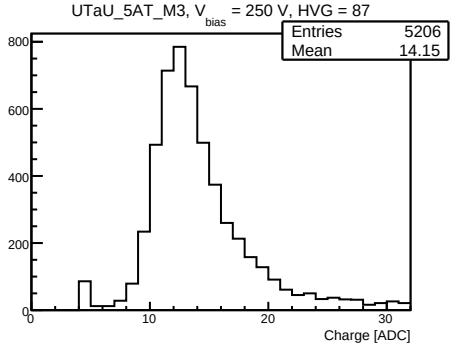

UTaU_3AT_M3, V bias = 250 V, HVG = 86
Entries 18716
Mean 13.34
Charge [ADC]

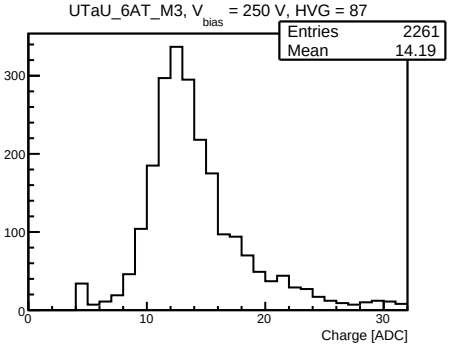

UTaU_3AT_S2, V bias = 250 V, HVG = 86
Entries 35108
Mean 13.32
Charge [ADC]

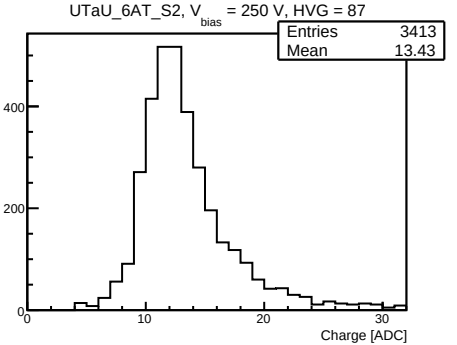

UTaU_4AT_M3, V bias = 250 V, HVG = 86
Entries 9411
Mean 13.91
Charge [ADC]

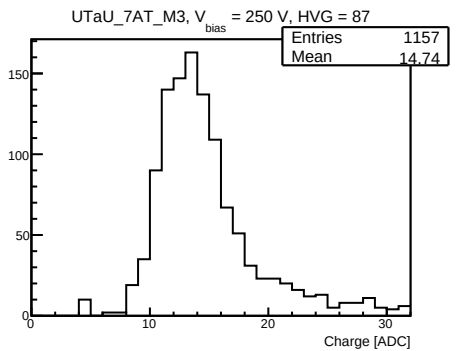

UTaU_4AT_S3, V bias = 250 V, HVG = 86
Entries 5065
Mean 13.64
Charge [ADC]

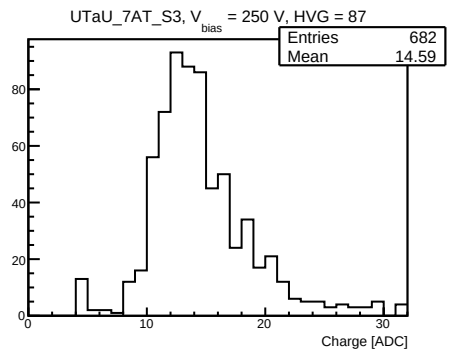

UTaU_5AT_S2, V bias = 250 V, HVG = 86
Entries 7854
Mean 12.66
Charge [ADC]

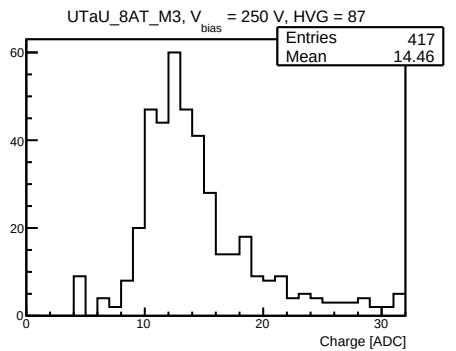

UTaU_5AT_M3, V bias = 250 V, HVG = 87
Entries 5206
Mean 14.15
Charge [ADC]

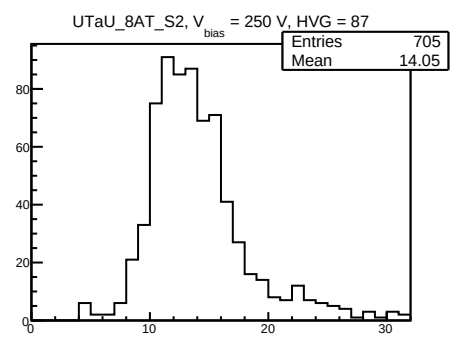

UTaU_6AT_M3, V bias = 250 V, HVG = 87
Entries 2261
Mean 14.19
Charge [ADC]

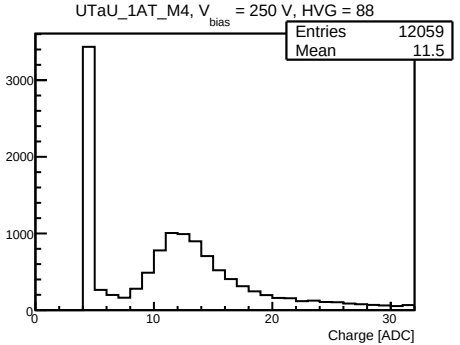

UTaU_6AT_S2, V bias = 250 V, HVG = 87
Entries 3413
Mean 13.43
Charge [ADC]

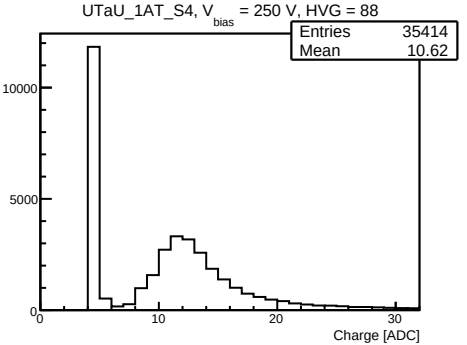

UTaU_7AT_M3, V bias = 250 V, HVG = 87
Entries 1157
Mean 14.74
Charge [ADC]

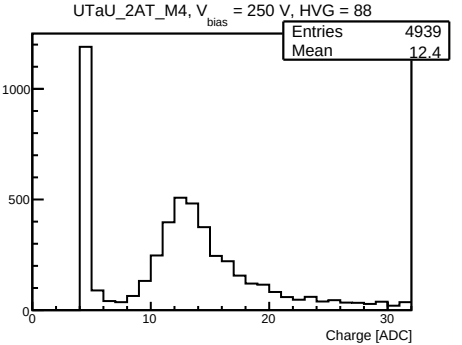

UTaU_7AT_S3, V bias = 250 V, HVG = 87
Entries 682
Mean 14.59
Charge [ADC]

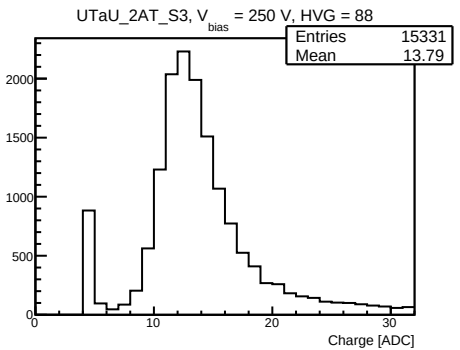

UTaU_8AT_M3, V bias = 250 V, HVG = 87
Entries 417
Mean 14.46
Charge [ADC]

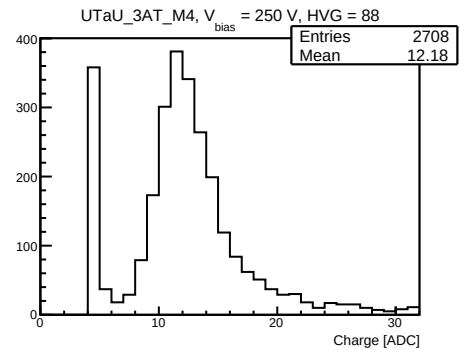

UTaU_8AT_S2, V bias = 250 V, HVG = 87
Entries 705
Mean 14.05
Charge [ADC]

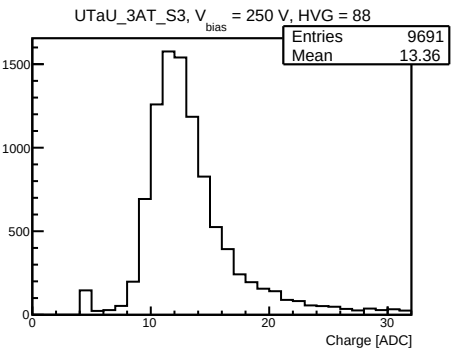

UTaU_1AT_M4, V bias = 250 V, HVG = 88
Entries 12059
Mean 11.5
Charge [ADC]

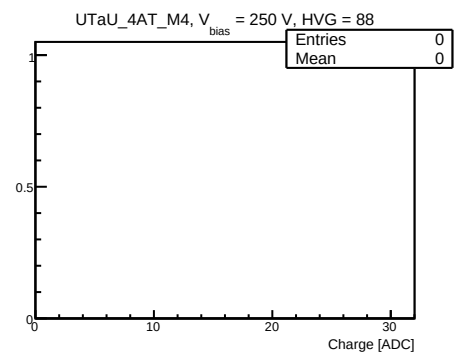

UTaU_1AT_S4, V bias = 250 V, HVG = 88
Entries 35414
Mean 10.62
Charge [ADC]

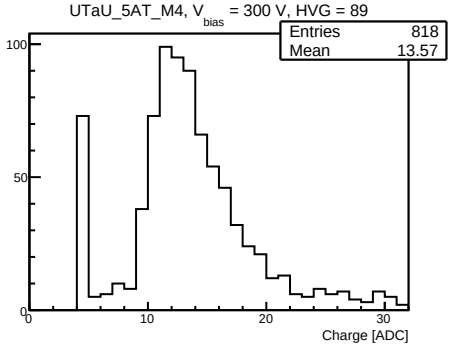

UTaU_2AT_M4, V bias = 250 V, HVG = 88
Entries 4939
Mean 12.4
Charge [ADC]

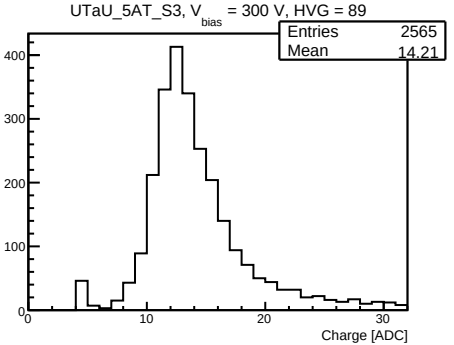

UTaU_2AT_S3, V bias = 250 V, HVG = 88
Entries 15331
Mean 13.79
Charge [ADC]

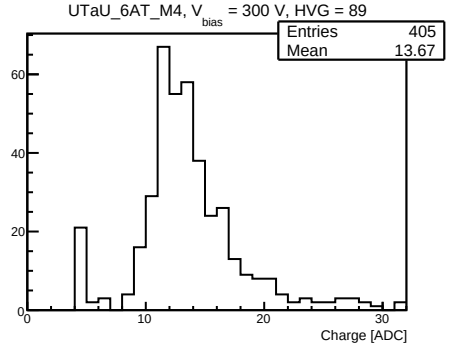

UTaU_3AT_M4, V bias = 250 V, HVG = 88
Entries 2708
Mean 12.18
Charge [ADC]

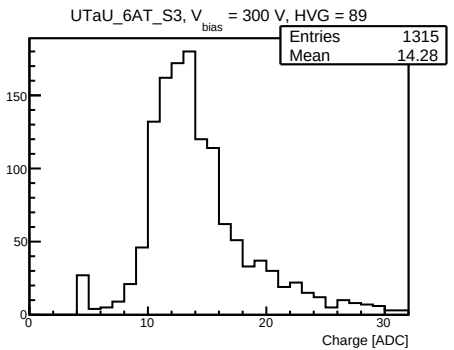

UTaU_3AT_S3, V bias = 250 V, HVG = 88
Entries 9691
Mean 13.36
Charge [ADC]

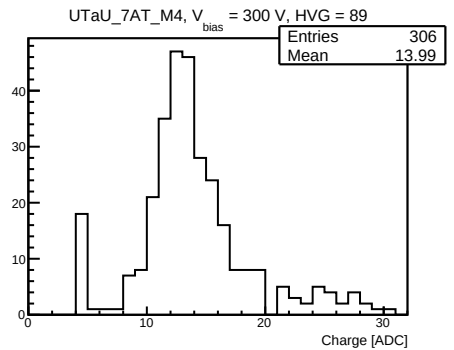

UTaU_4AT_M4, V bias = 250 V, HVG = 88
Entries 0
Mean 0
Charge [ADC]

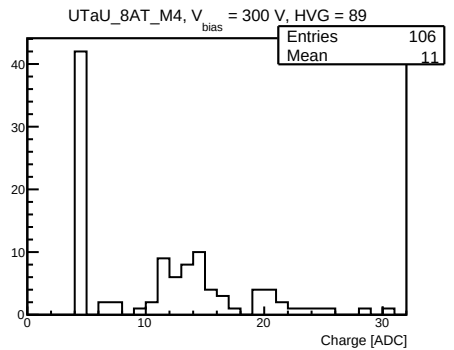

UTaU_5AT_M4, V bias = 300 V, HVG = 89
Entries 818
Mean 13.57
Charge [ADC]

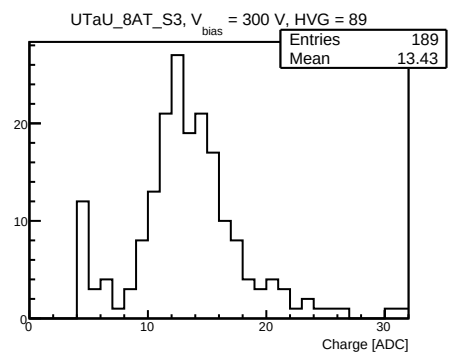

UTaU_5AT_S3, V bias = 300 V, HVG = 89
Entries 2565
Mean 14.21
Charge [ADC]

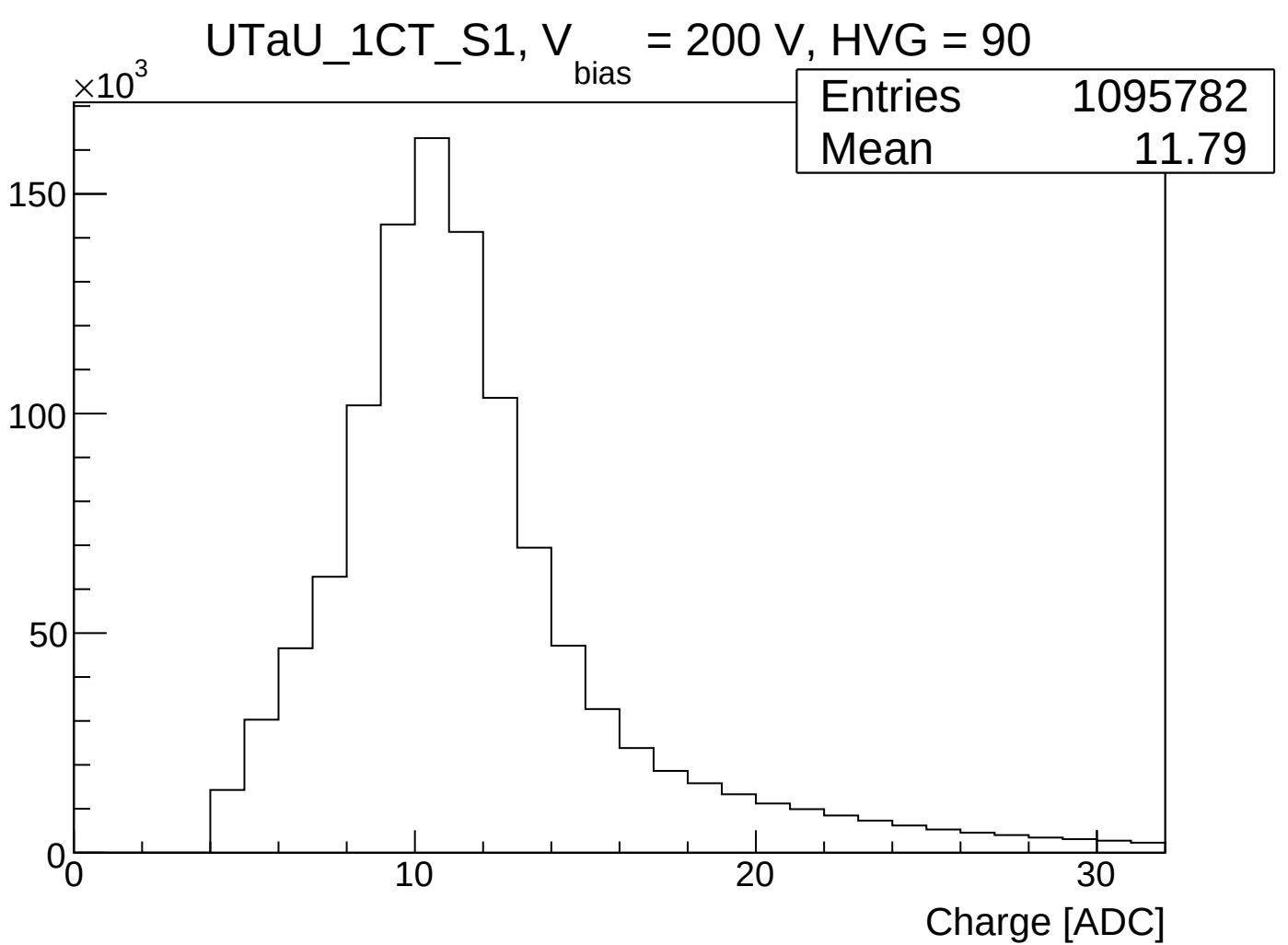

UTaU_6AT_M4, V bias = 300 V, HVG = 89
Entries 405
Mean 13.67
Charge [ADC]

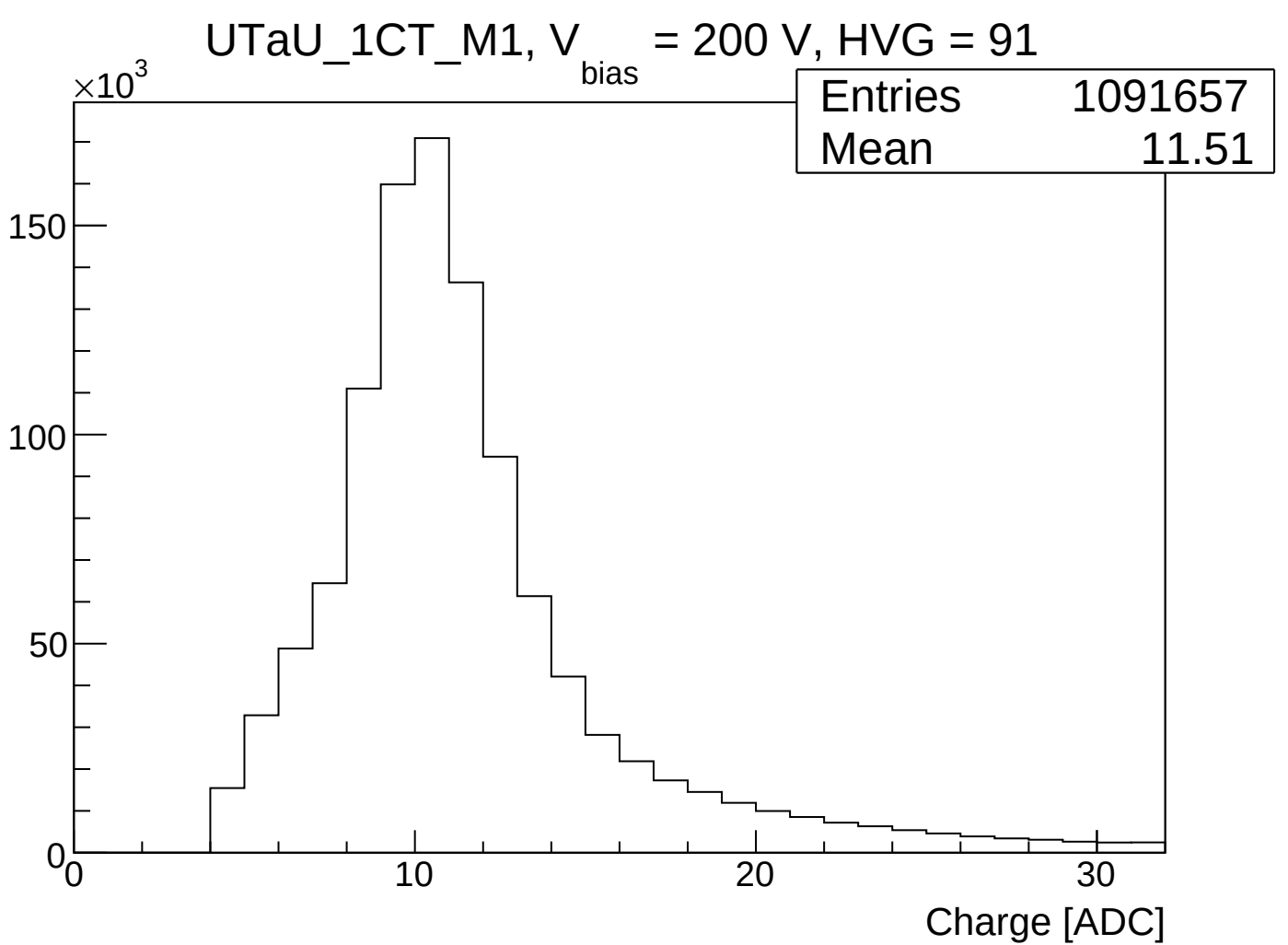

UTaU_6AT_S3, V bias = 300 V, HVG = 89
Entries 1315
Mean 14.28
Charge [ADC]

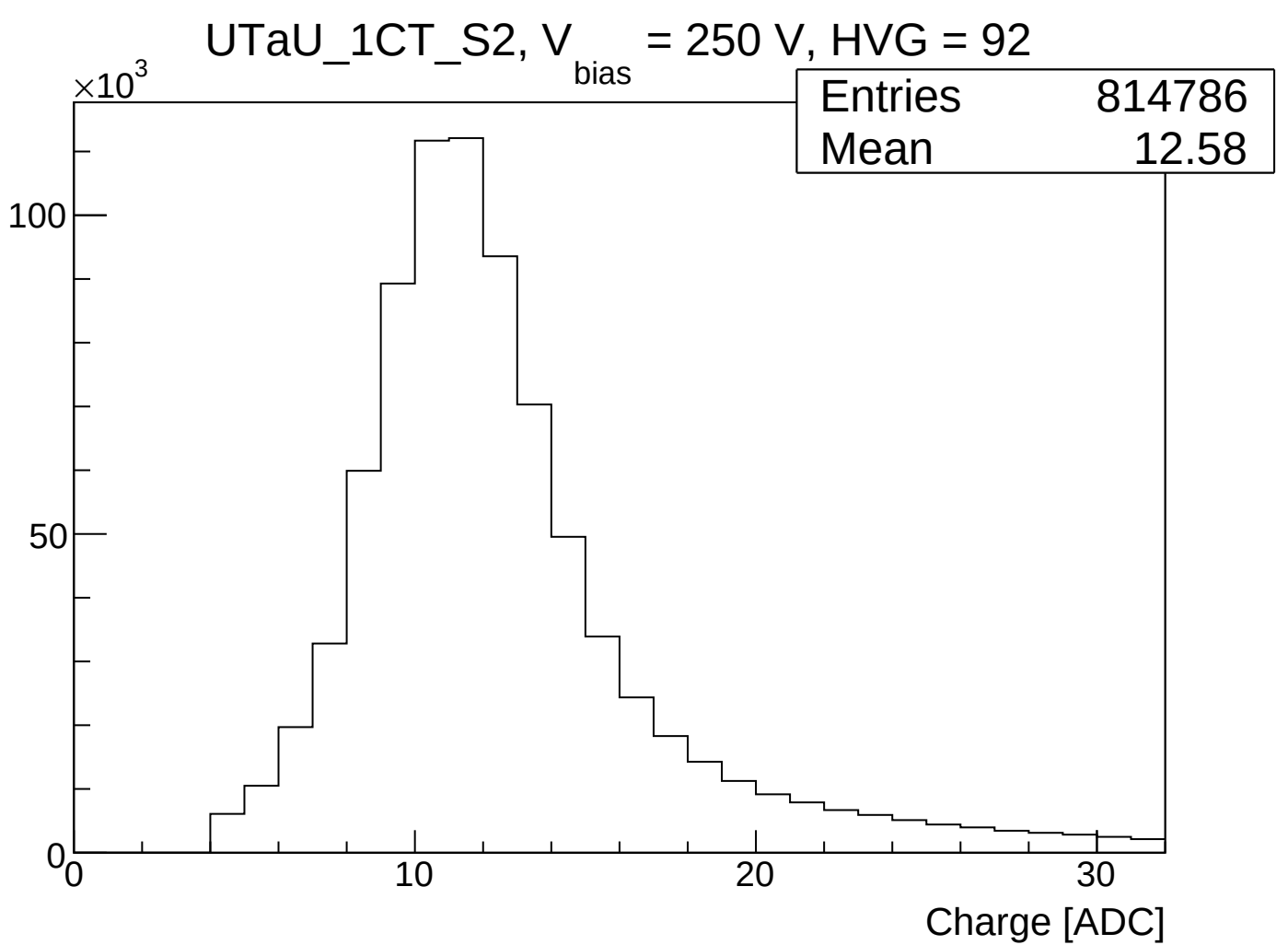

UTaU_7AT_M4, V bias = 300 V, HVG = 89
Entries 306
Mean 13.99
Charge [ADC]

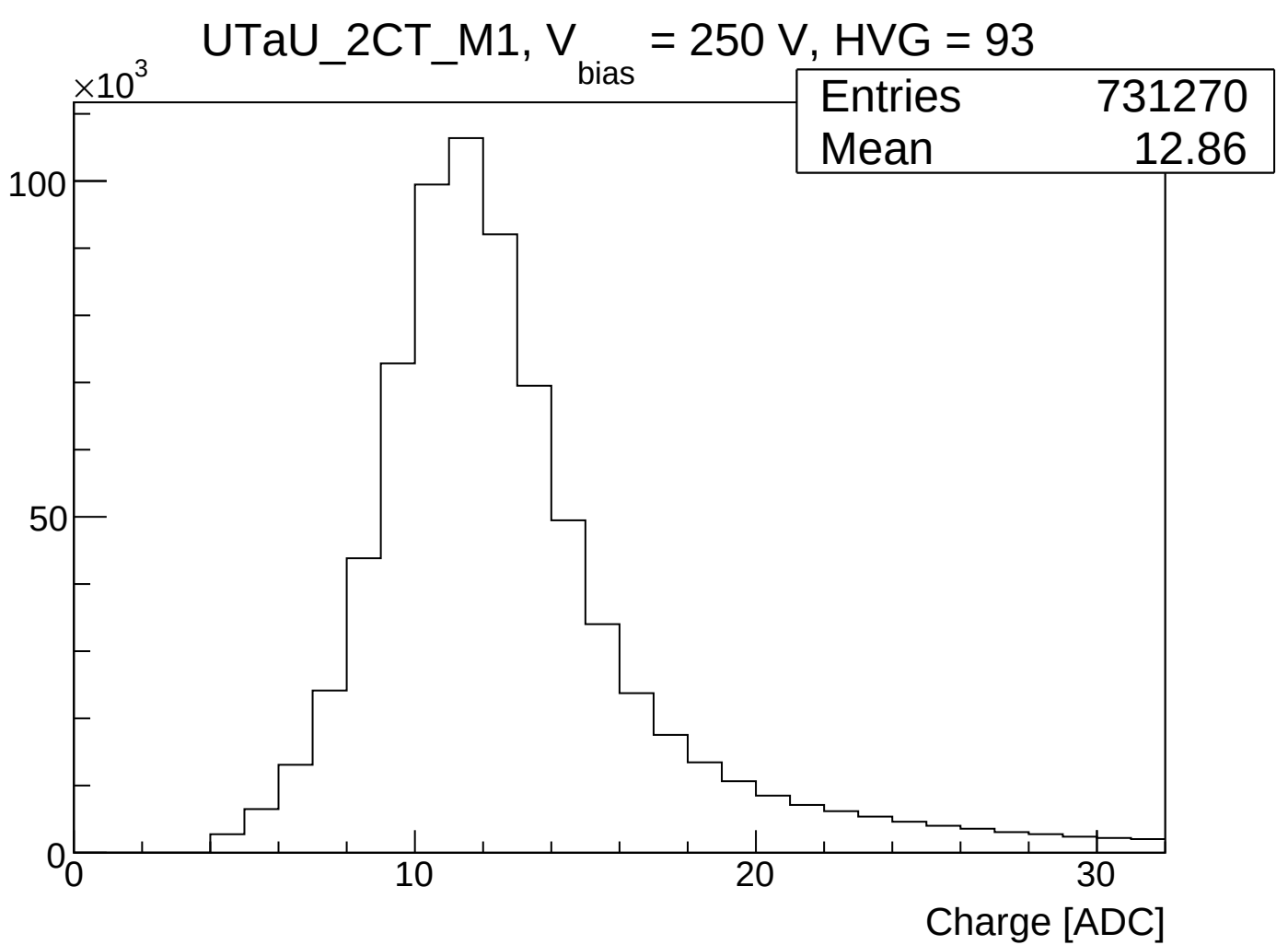

UTaU_8AT_M4, V bias = 300 V, HVG = 89
Entries 106
Mean 11
Charge [ADC]

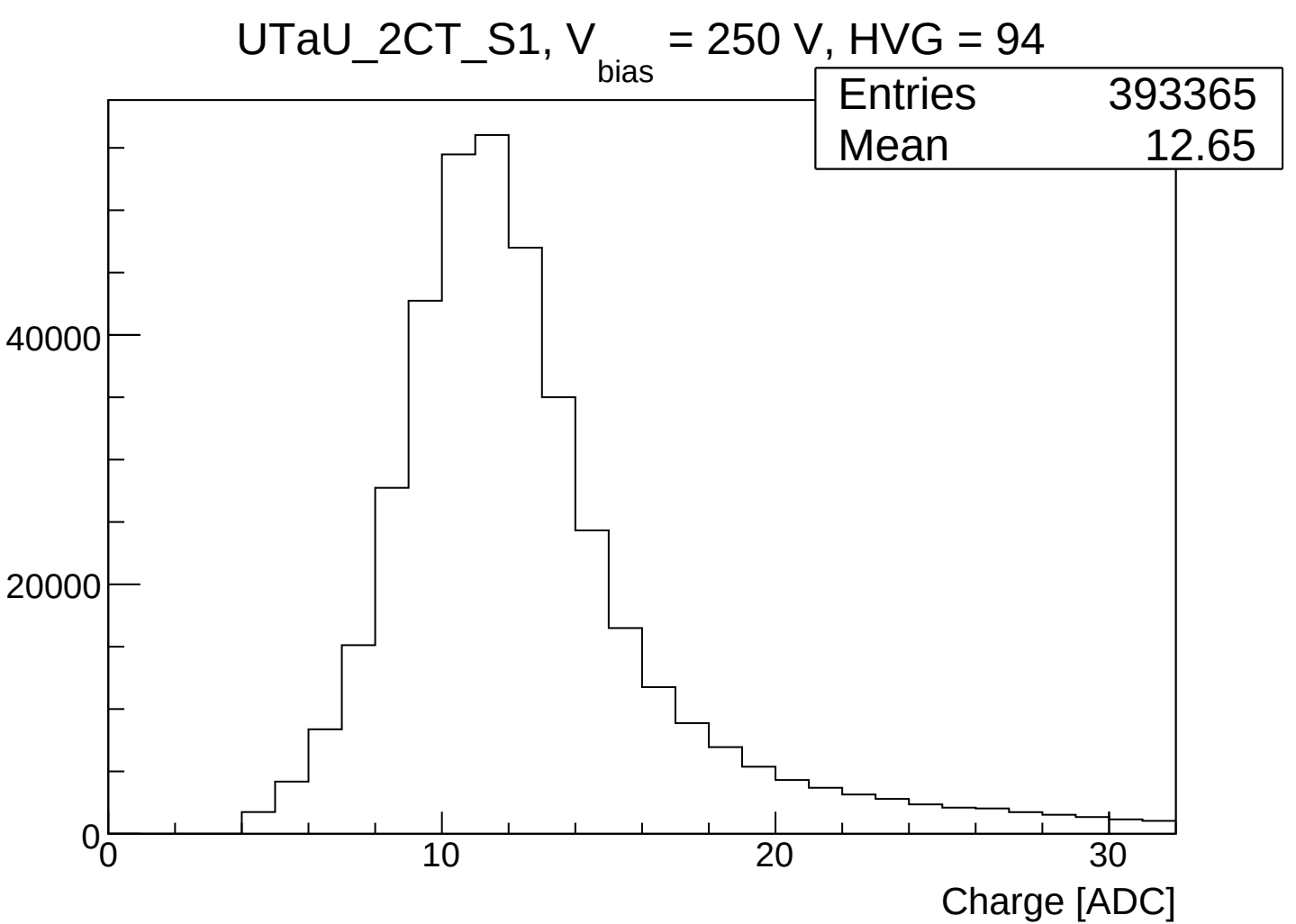

UTaU_8AT_S3, V bias = 300 V, HVG = 89
Entries 189
Mean 13.43
Charge [ADC]

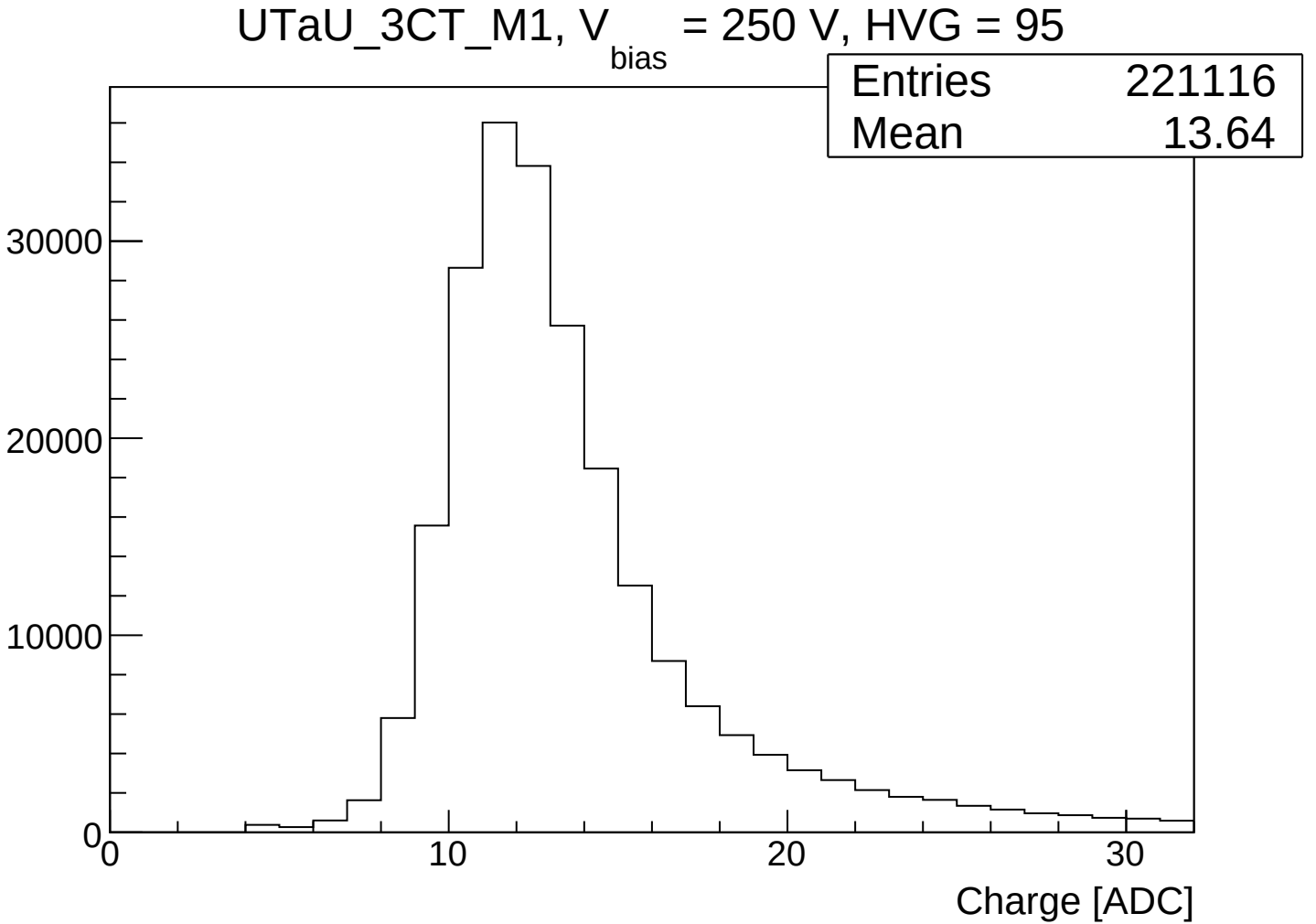

UTaU_1CT_S1, V bias = 200 V, HVG = 90
×10^3
Entries 1095782
Mean 11.79
150
100
50
0
0
10
20
30
Charge [ADC]

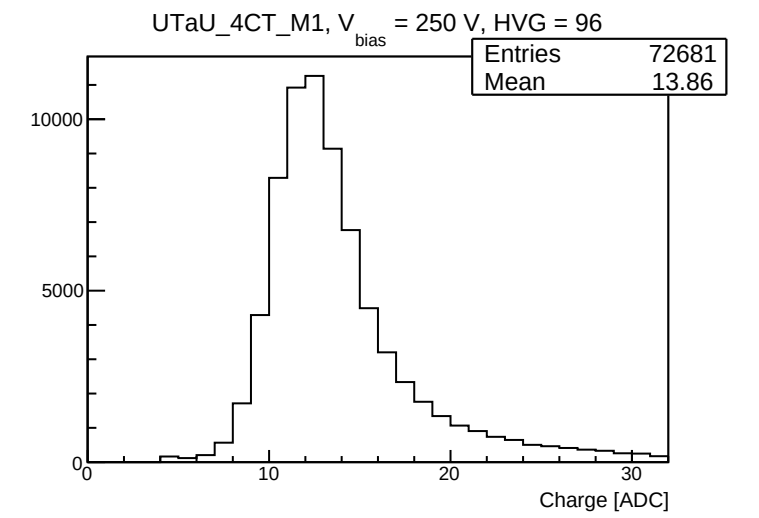

UTaU_1CT_M1, V bias = 200 V, HVG = 91
×10^3
Entries 1091657
Mean 11.51
150
100
50
0
0
10
20
30
Charge [ADC]

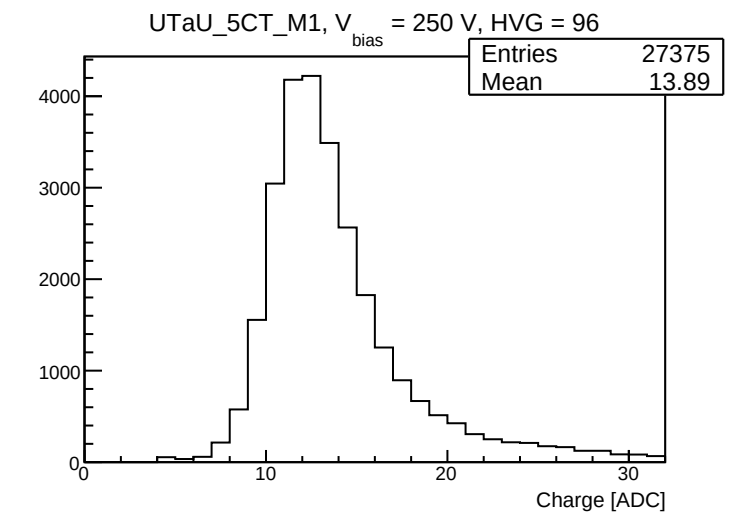

UTaU_1CT_S2, V bias = 250 V, HVG = 92
×10^3
Entries 814786
Mean 12.58
100
50
0
0
10
20
30
Charge [ADC]

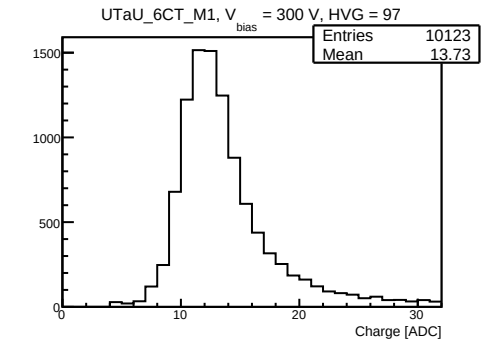

UTaU_2CT_M1, V bias = 250 V, HVG = 93
×10^3
Entries 731270
Mean 12.86
100
50
0
0
10
20
30
Charge [ADC]

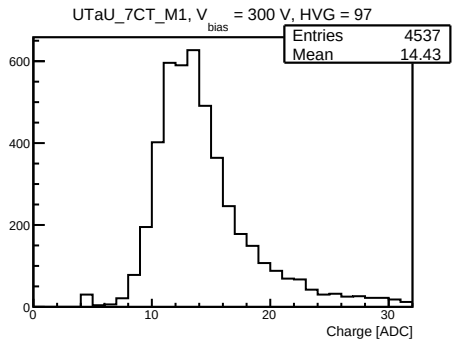

UTaU_2CT_S1, V bias = 250 V, HVG = 94
Entries 393365
Mean 12.65
40000
20000
0
0
10
20
30
Charge [ADC]

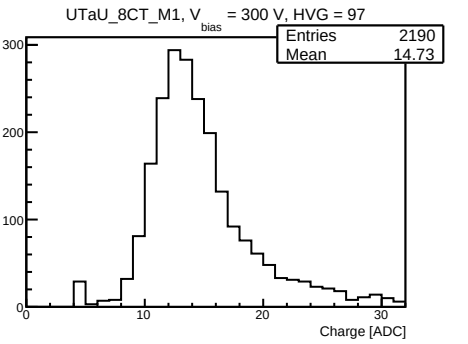

UTaU_3CT_M1, V bias = 250 V, HVG = 95
Entries 221116
Mean 13.64
30000
20000
10000
0
0
10
20
30
Charge [ADC]

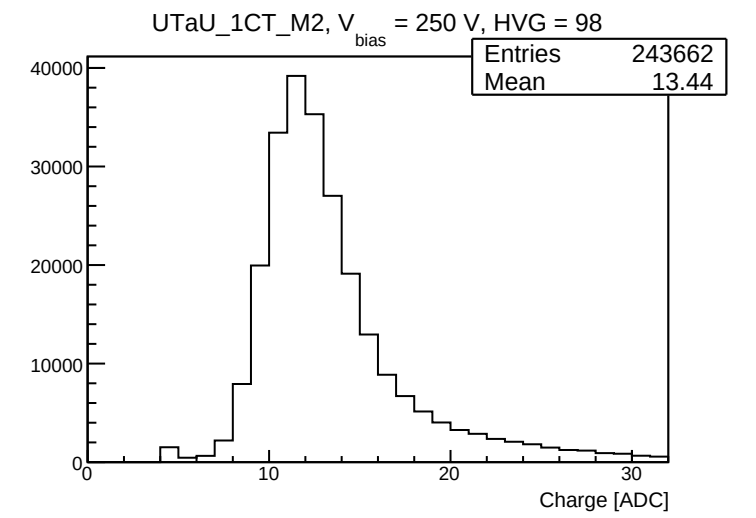

UTaU_4CT_M1, V bias = 250 V, HVG = 96
Entries 72681
Mean 13.86
10000
5000
0
0
10
20
30
Charge [ADC]

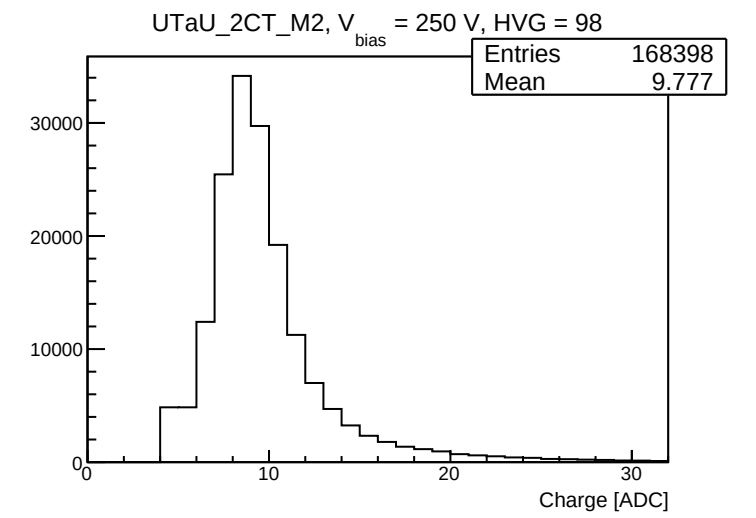

UTaU_5CT_M1, V bias = 250 V, HVG = 96
Entries 27375
Mean 13.89
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

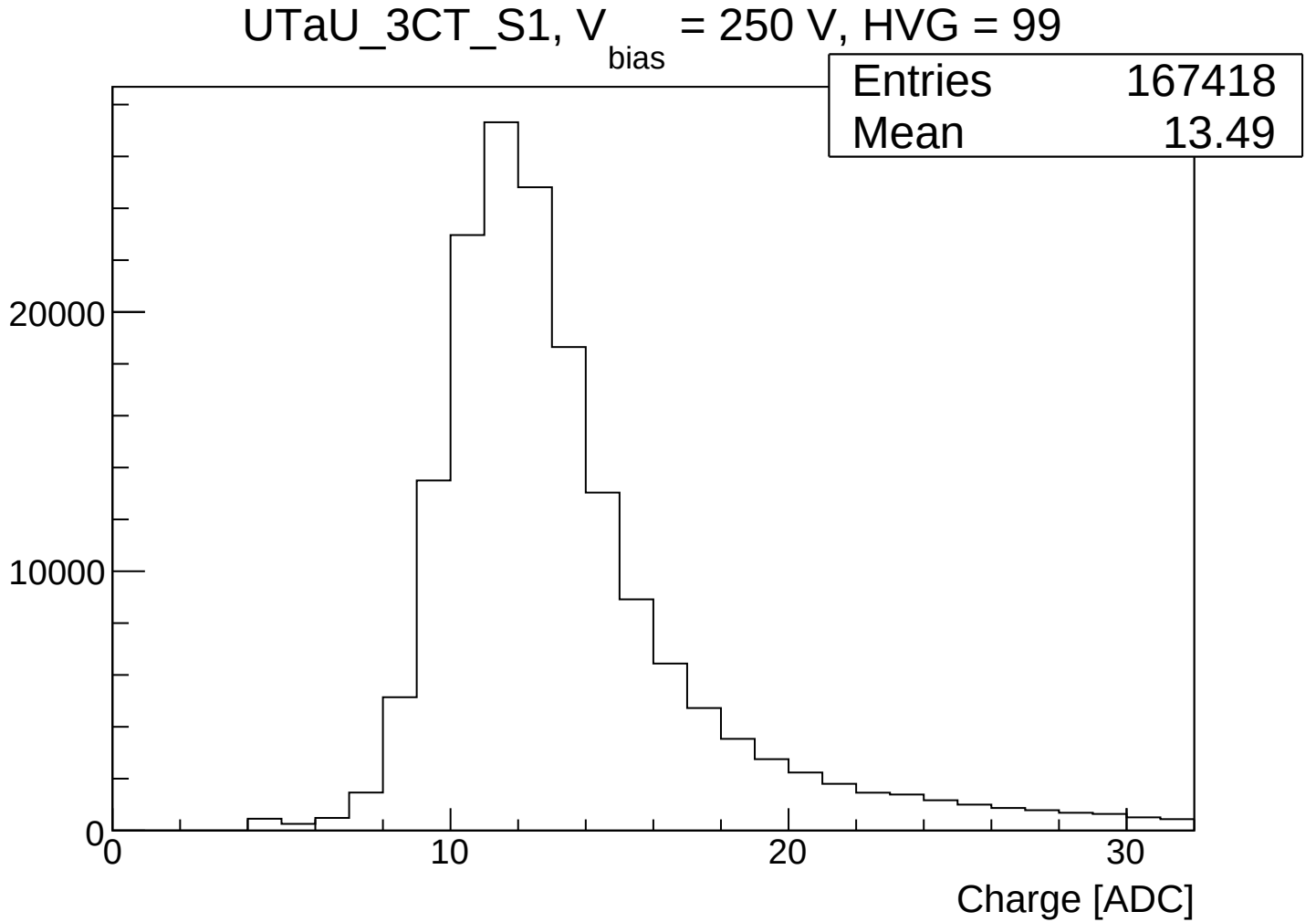

UTaU_6CT_M1, V bias = 300 V, HVG = 97
Entries 10123
Mean 13.73
1500
1000
500
0
0
10
20
30
Charge [ADC]

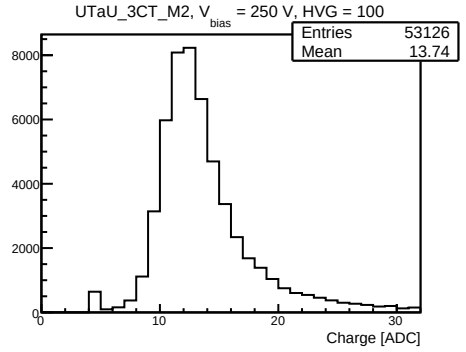

UTaU_7CT_M1, V bias = 300 V, HVG = 97
Entries 4537
Mean 14.43
600
400
200
0
0
10
20
30
Charge [ADC]

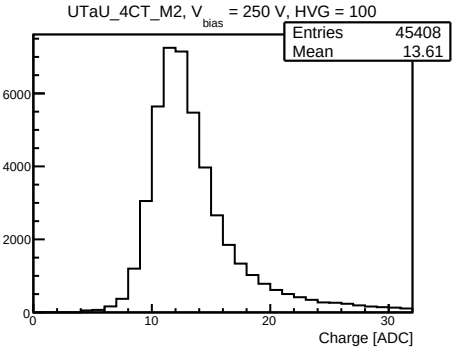

UTaU_8CT_M1, V bias = 300 V, HVG = 97
Entries 2190
Mean 14.73
300
200
100
0
0
10
20
30
Charge [ADC]

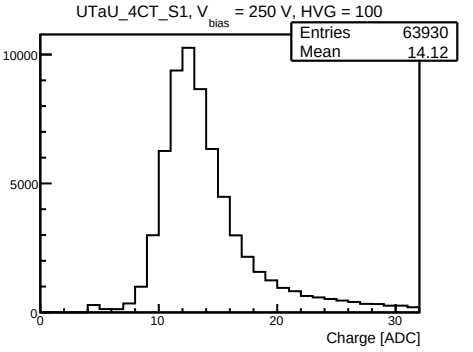

UTaU_1CT_M2, V bias = 250 V, HVG = 98
Entries 243662
Mean 13.44
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

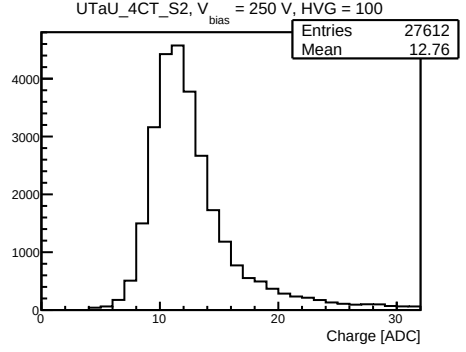

UTaU_2CT_M2, V bias = 250 V, HVG = 98
Entries 168398
Mean 9.777
30000
20000
10000
0
0
10
20
30
Charge [ADC]

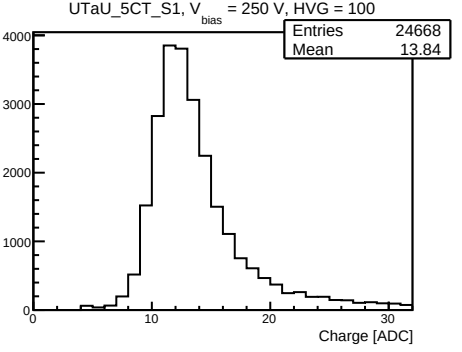

UTaU_3CT_S1, V bias = 250 V, HVG = 99
Entries 167418
Mean 13.49
20000
10000
0
0
10
20
30
Charge [ADC]

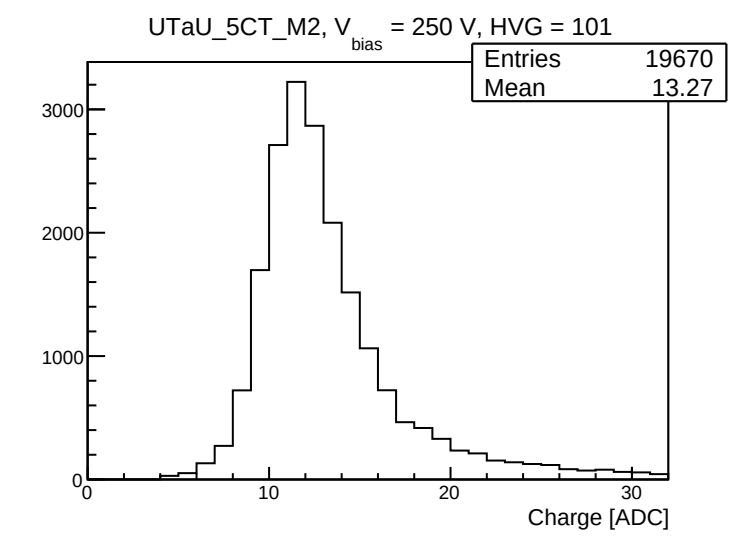

UTaU_3CT_M2, V bias = 250 V, HVG = 100
Entries 53126
Mean 13.74
Charge [ADC]

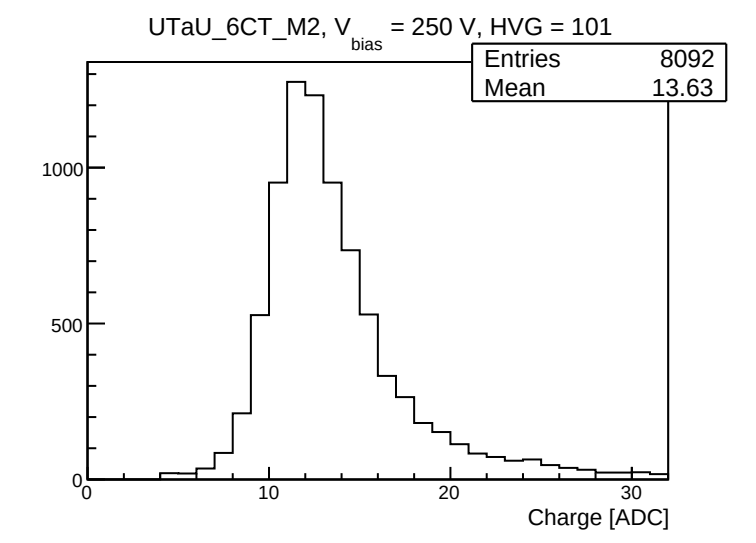

UTaU_4CT_M2, V bias = 250 V, HVG = 100
Entries 45408
Mean 13.61
Charge [ADC]

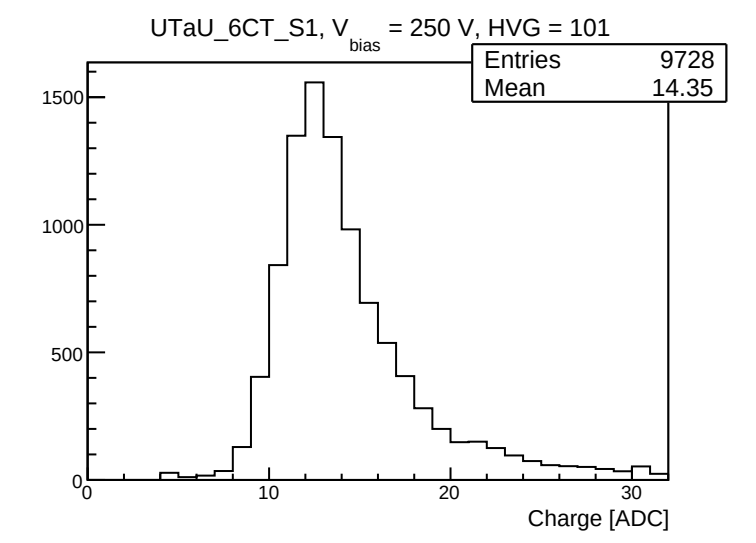

UTaU_4CT_S1, V bias = 250 V, HVG = 100
Entries 63930
Mean 14.12
Charge [ADC]

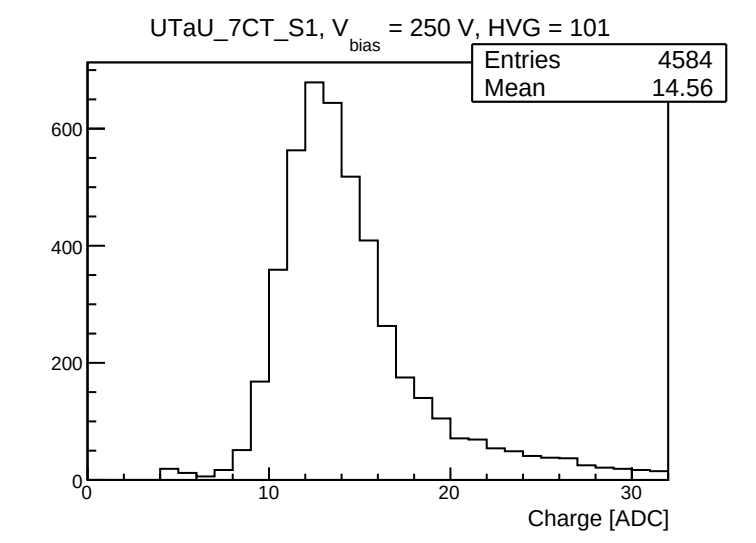

UTaU_4CT_S2, V bias = 250 V, HVG = 100
Entries 27612
Mean 12.76
Charge [ADC]

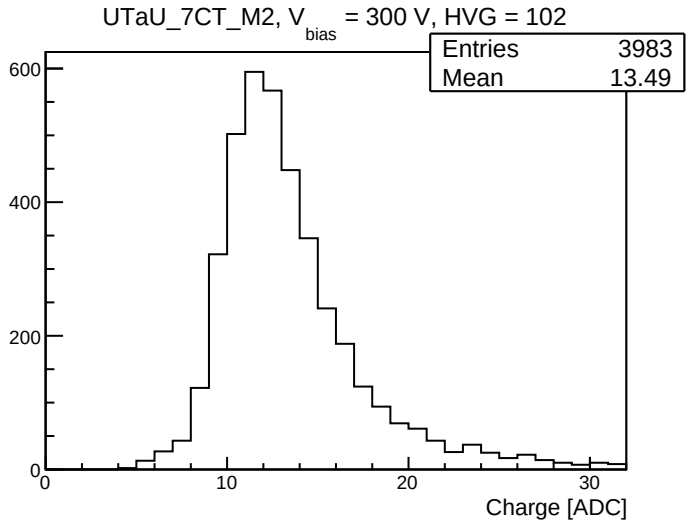

UTaU_5CT_S1, V bias = 250 V, HVG = 100
Entries 24668
Mean 13.84
Charge [ADC]

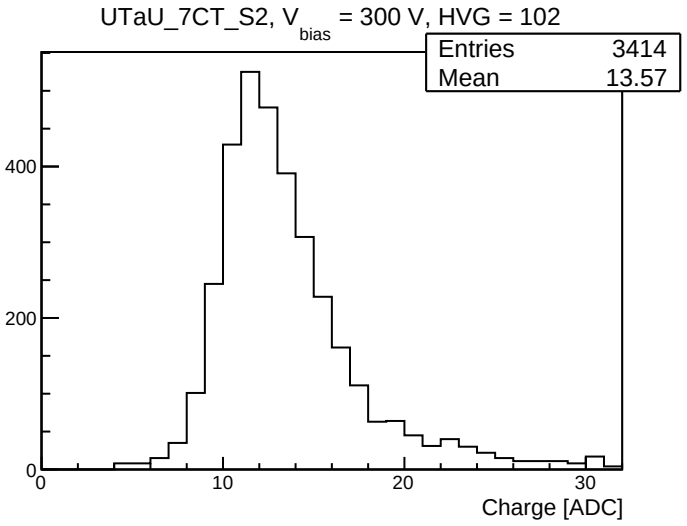

UTaU_5CT_M2, V bias = 250 V, HVG = 101
Entries 19670
Mean 13.27
3000
2000
1000
0
0
10
20
30
Charge [ADC]

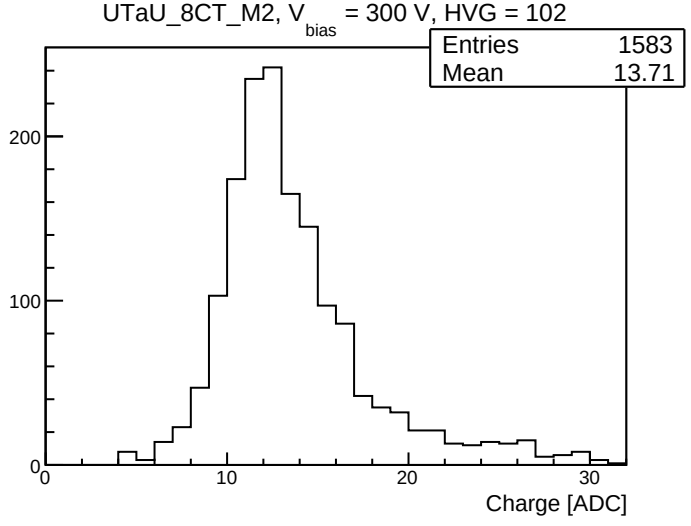

UTaU_6CT_M2, V bias = 250 V, HVG = 101
Entries 8092
Mean 13.63
1000
500
0
0
10
20
30
Charge [ADC]

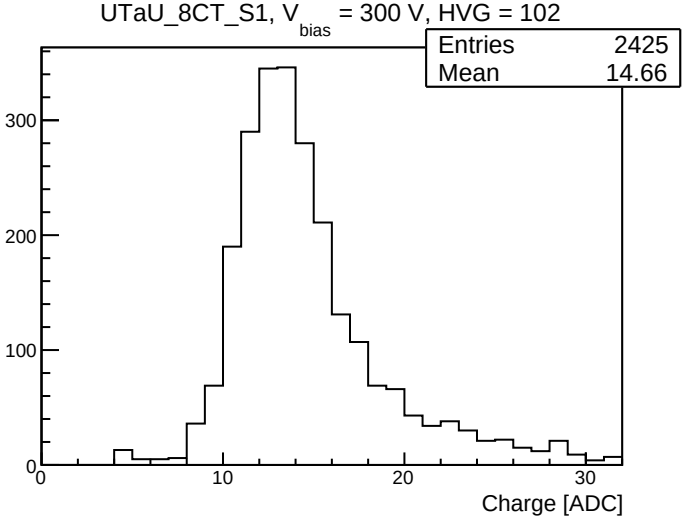

UTaU_6CT_S1, V bias = 250 V, HVG = 101
Entries 9728
Mean 14.35
1500
1000
500
0
0
10
20
30
Charge [ADC]

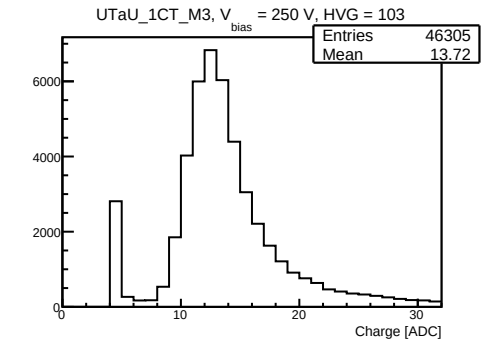

UTaU_7CT_S1, V bias = 250 V, HVG = 101
Entries 4584
Mean 14.56
600
400
200
0
0
10
20
30
Charge [ADC]

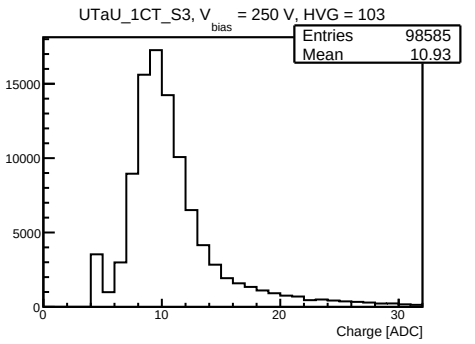

UTaU_7CT_M2, V bias = 300 V, HVG = 102
Entries 3983
Mean 13.49
600
400
200
0
0
10
20
30
Charge [ADC]

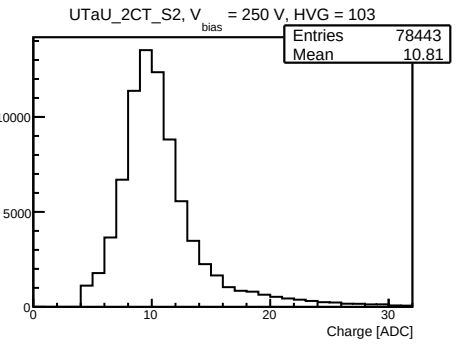

UTaU_7CT_S2, V bias = 300 V, HVG = 102
Entries 3414
Mean 13.57
400
200
0
0
10
20
30
Charge [ADC]

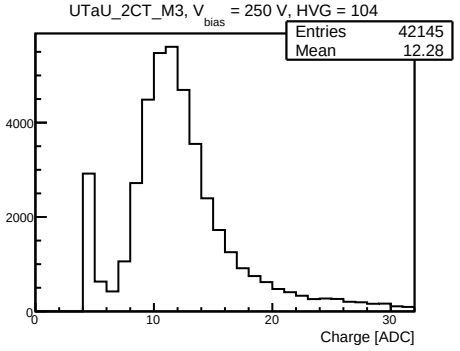

UTaU_8CT_M2, V bias = 300 V, HVG = 102
Entries 1583
Mean 13.71
200
100
0
0
10
20
30
Charge [ADC]

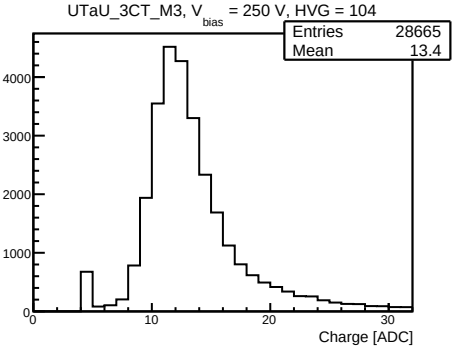

UTaU_8CT_S1, V bias = 300 V, HVG = 102
Entries 2425
Mean 14.66
300
200
100
0
0
10
20
30
Charge [ADC]

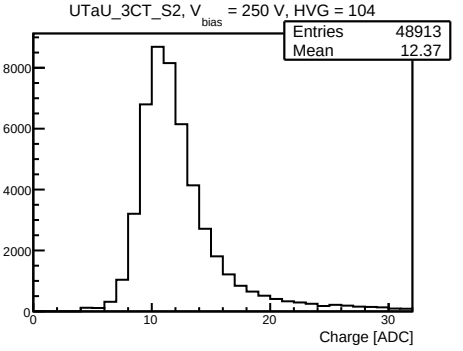

UTaU_1CT_M3, V bias = 250 V, HVG = 103
Entries 46305
Mean 13.72
6000
4000
2000
0
0
10
20
30
Charge [ADC]

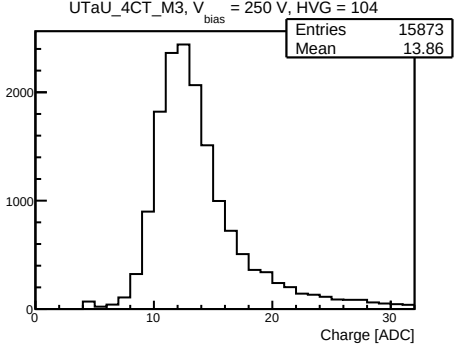

UTaU_1CT_S3, V bias = 250 V, HVG = 103
Entries 98585
Mean 10.93
15000
10000
5000
0
0
10
20
30
Charge [ADC]

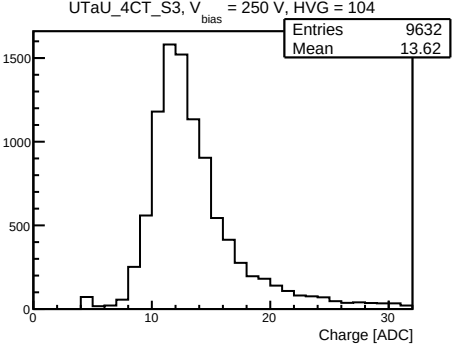

UTaU_2CT_S2, V bias = 250 V, HVG = 103
Entries 78443
Mean 10.81
10000
5000
0
0
10
20
30
Charge [ADC]

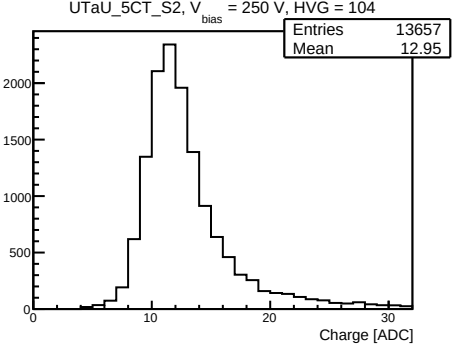

UTaU_2CT_M3, V bias = 250 V, HVG = 104
Entries 42145
Mean 12.28
Charge [ADC]

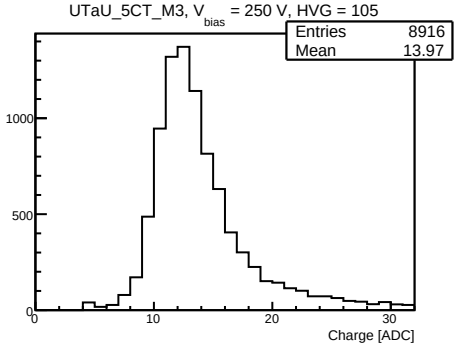

UTaU_3CT_M3, V bias = 250 V, HVG = 104
Entries 28665
Mean 13.4
Charge [ADC]

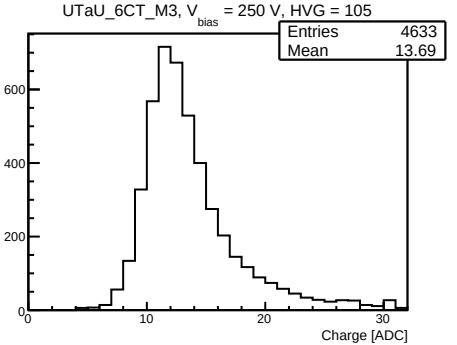

UTaU_3CT_S2, V bias = 250 V, HVG = 104
Entries 48913
Mean 12.37
Charge [ADC]

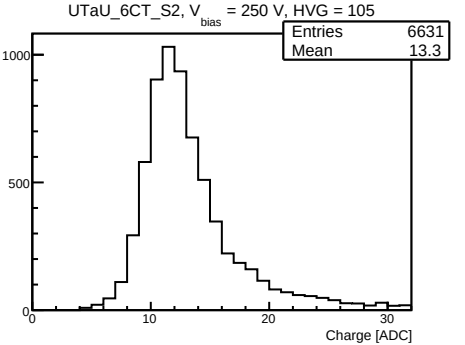

UTaU_4CT_M3, V bias = 250 V, HVG = 104
Entries 15873
Mean 13.86
Charge [ADC]

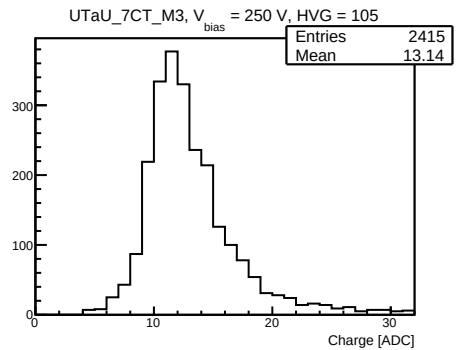

UTaU_4CT_S3, V bias = 250 V, HVG = 104
Entries 9632
Mean 13.62
Charge [ADC]

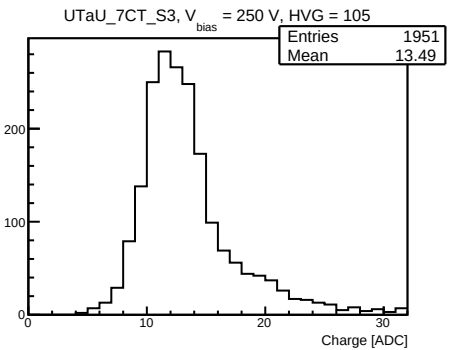

UTaU_5CT_S2, V bias = 250 V, HVG = 104
Entries 13657
Mean 12.95
Charge [ADC]

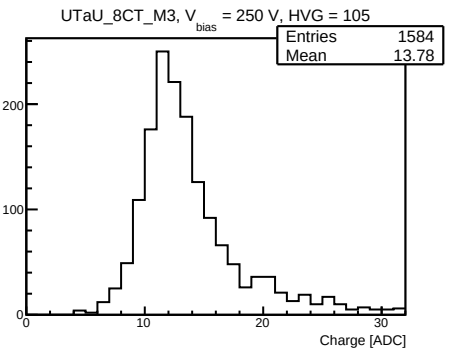

UTaU_5CT_M3, V bias = 250 V, HVG = 105
Entries 8916
Mean 13.97
Charge [ADC]

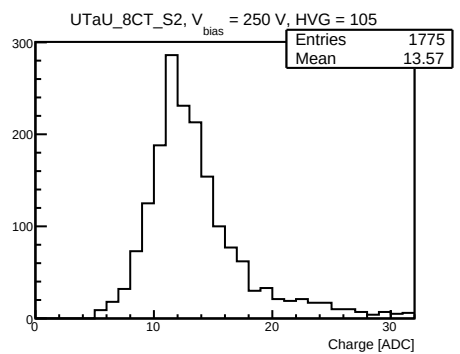

UTaU_6CT_M3, V bias = 250 V, HVG = 105
Entries 4633
Mean 13.69
Charge [ADC]

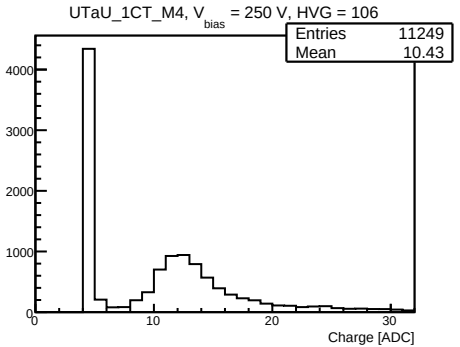

UTaU_6CT_S2, V bias = 250 V, HVG = 105
Entries 6631
Mean 13.3
Charge [ADC]

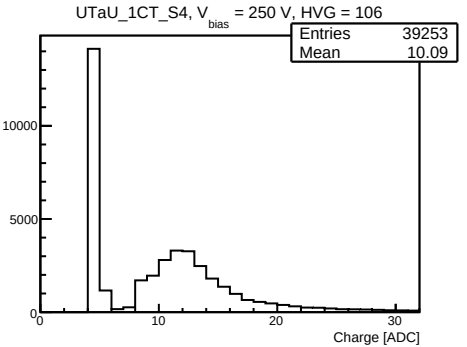

UTaU_7CT_M3, V bias = 250 V, HVG = 105
Entries 2415
Mean 13.14
Charge [ADC]

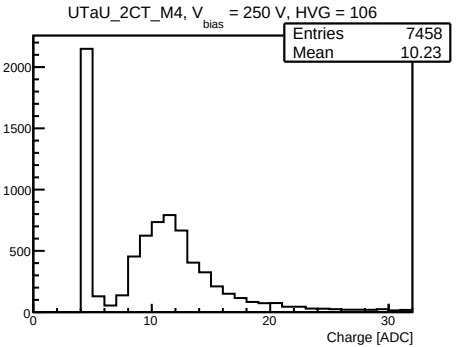

UTaU_7CT_S3, V bias = 250 V, HVG = 105
Entries 1951
Mean 13.49
Charge [ADC]

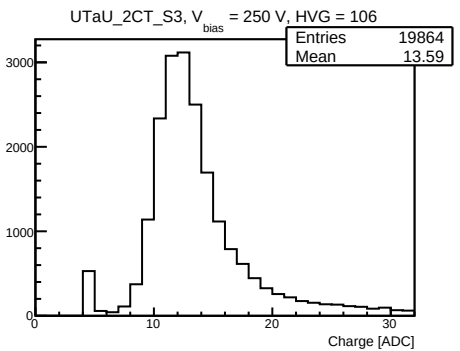

UTaU_8CT_M3, V bias = 250 V, HVG = 105
Entries 1584
Mean 13.78
Charge [ADC]

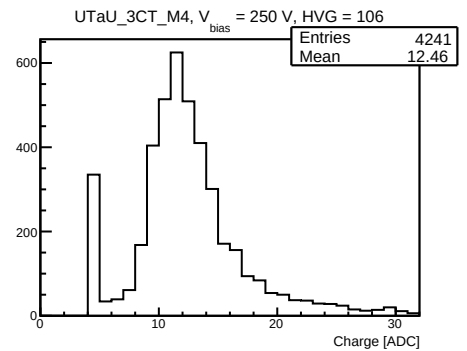

UTaU_8CT_S2, V bias = 250 V, HVG = 105
Entries 1775
Mean 13.57
Charge [ADC]

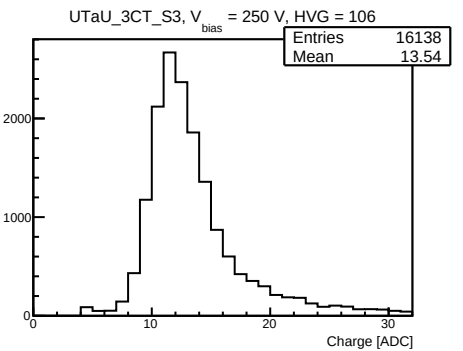

UTaU_1CT_M4, V bias = 250 V, HVG = 106
Entries 11249
Mean 10.43
Charge [ADC]

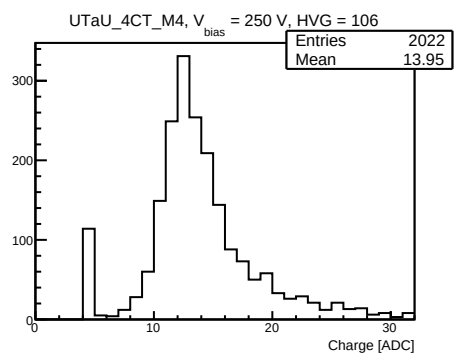

UTaU_1CT_S4, V bias = 250 V, HVG = 106
Entries 39253
Mean 10.09
Charge [ADC]

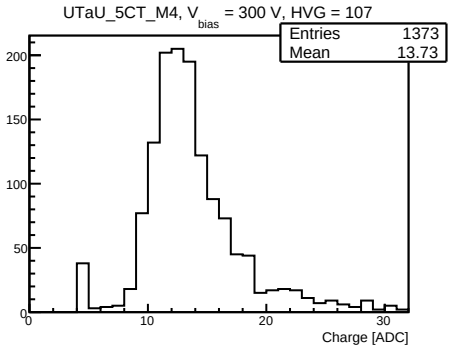

UTaU_2CT_M4, V bias = 250 V, HVG = 106
Entries 7458
Mean 10.23
Charge [ADC]

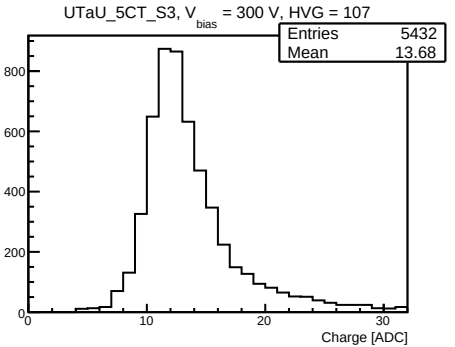

UTaU_2CT_S3, V bias = 250 V, HVG = 106
Entries 19864
Mean 13.59
Charge [ADC]

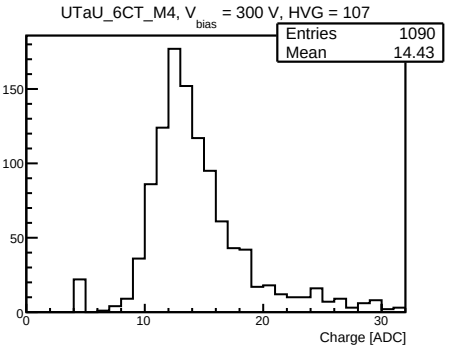

UTaU_3CT_M4, V bias = 250 V, HVG = 106
Entries 4241
Mean 12.46
Charge [ADC]

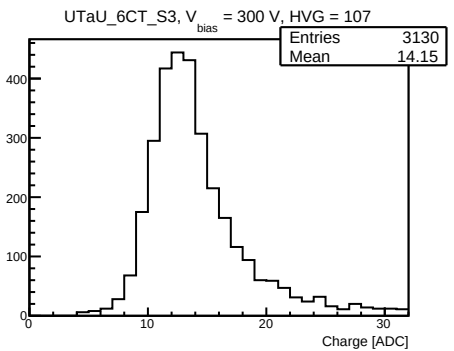

UTaU_3CT_S3, V bias = 250 V, HVG = 106
Entries 16138
Mean 13.54
Charge [ADC]

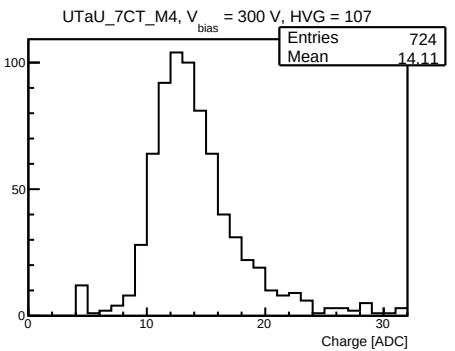

UTaU_4CT_M4, V bias = 250 V, HVG = 106
Entries 2022
Mean 13.95
Charge [ADC]

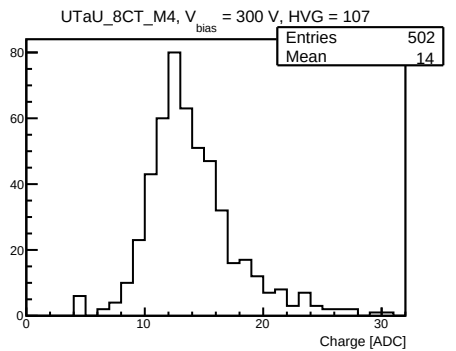

UTaU_5CT_M4, V bias = 300 V, HVG = 107
Entries 1373
Mean 13.73
Charge [ADC]

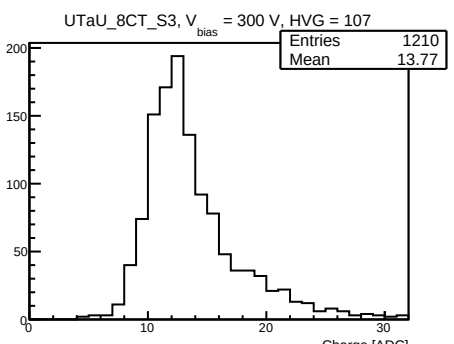

UTaU_5CT_S3, V bias = 300 V, HVG = 107
Entries 5432
Mean 13.68
Charge [ADC]

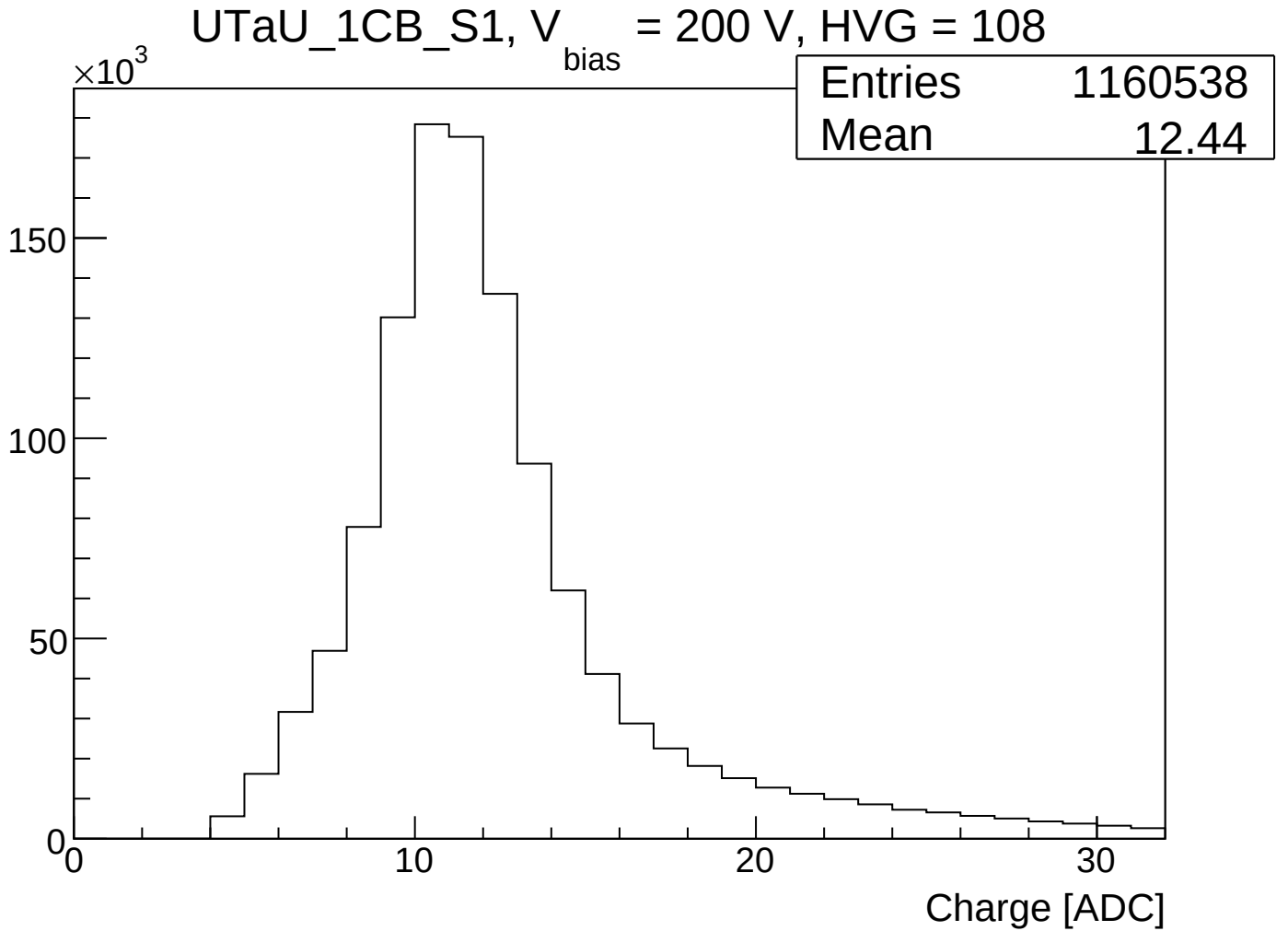

UTaU_6CT_M4, V bias = 300 V, HVG = 107
Entries 1090
Mean 14.43
Charge [ADC]

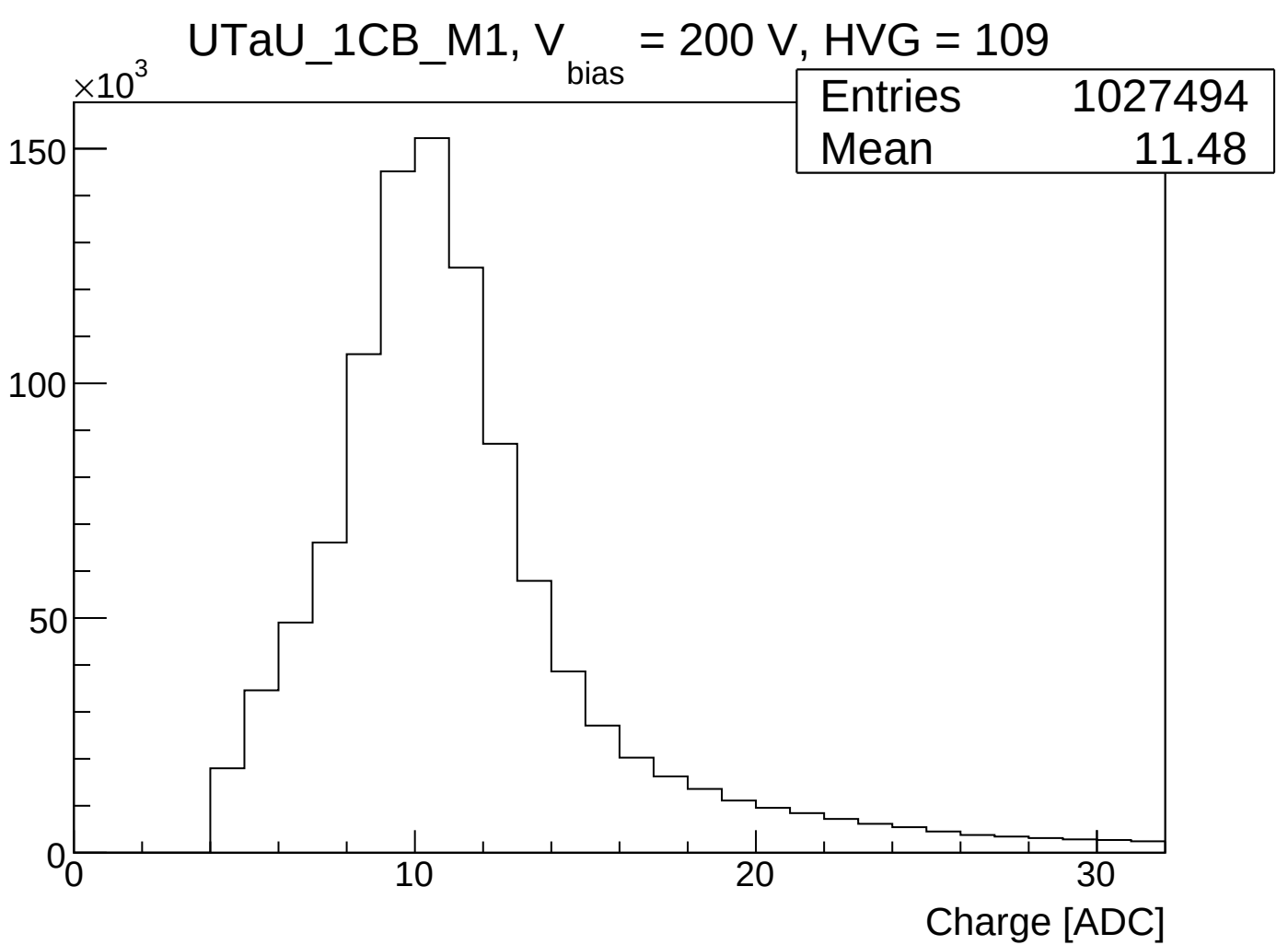

UTaU_6CT_S3, V bias = 300 V, HVG = 107
Entries 3130
Mean 14.15
Charge [ADC]

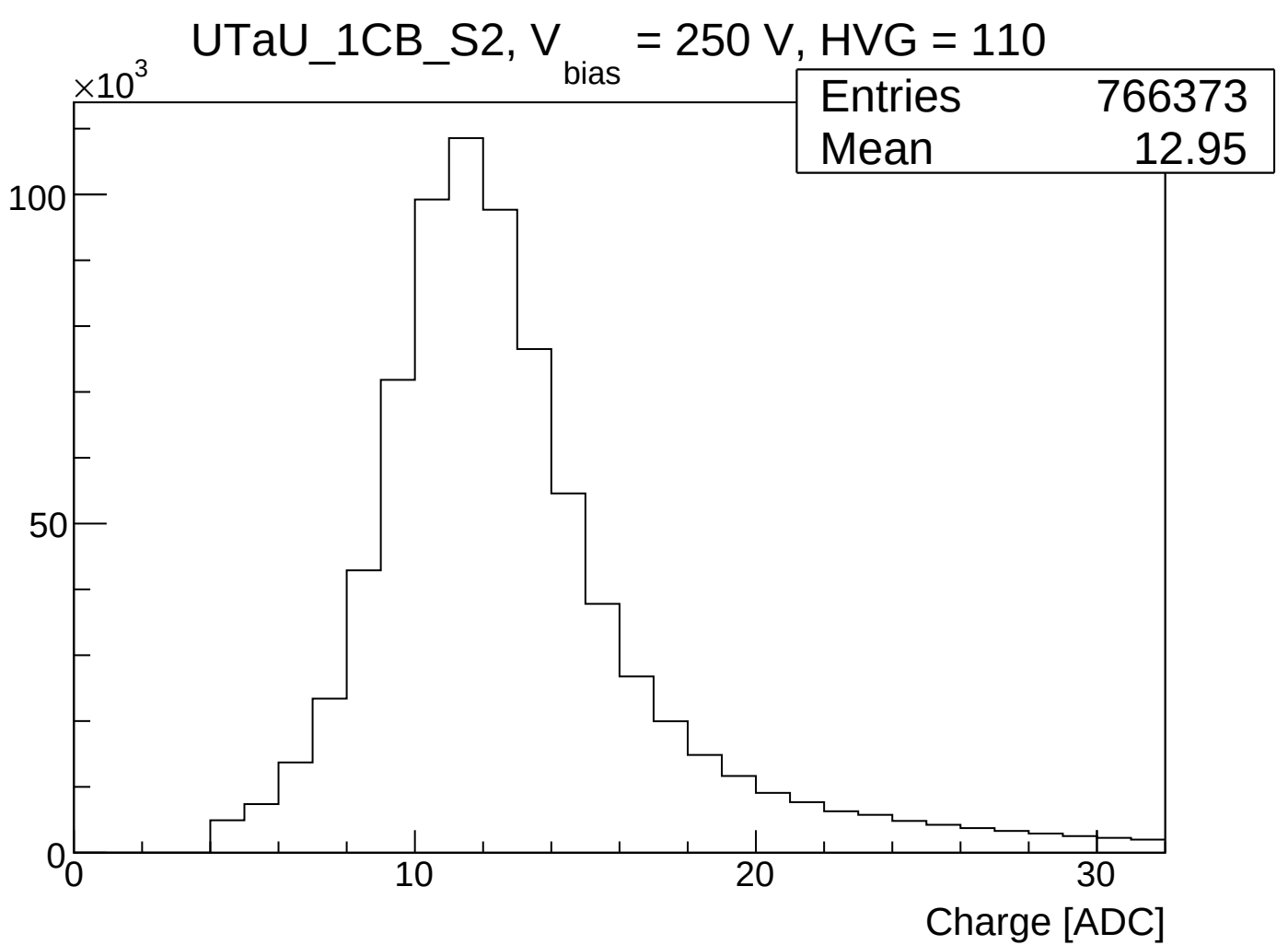

UTaU_7CT_M4, V bias = 300 V, HVG = 107
Entries 724
Mean 14.11
Charge [ADC]

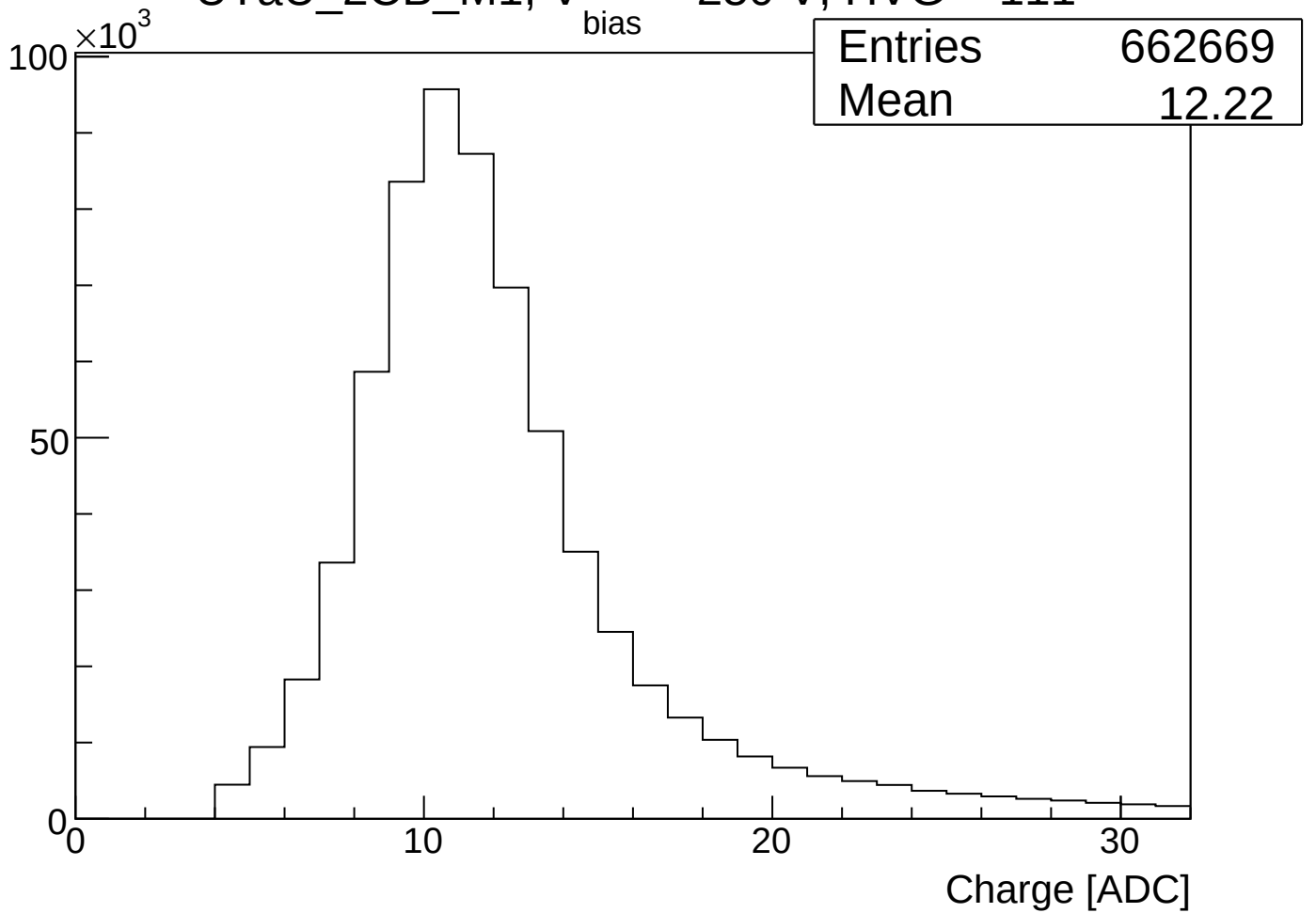

UTaU_8CT_M4, V bias = 300 V, HVG = 107
Entries 502
Mean 14
Charge [ADC]

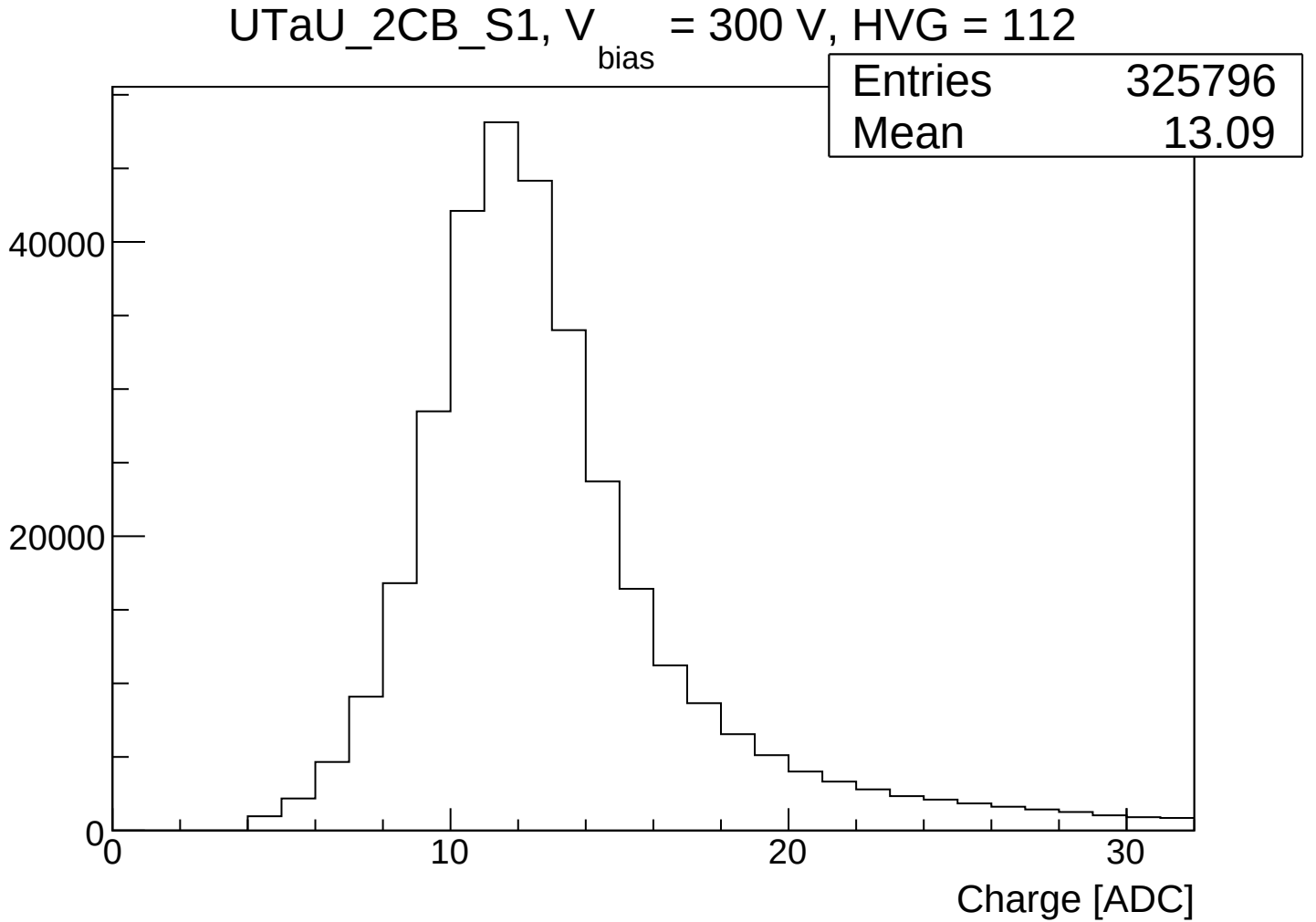

UTaU_8CT_S3, V bias = 300 V, HVG = 107
Entries 1210
Mean 13.77
Charge [ADC]

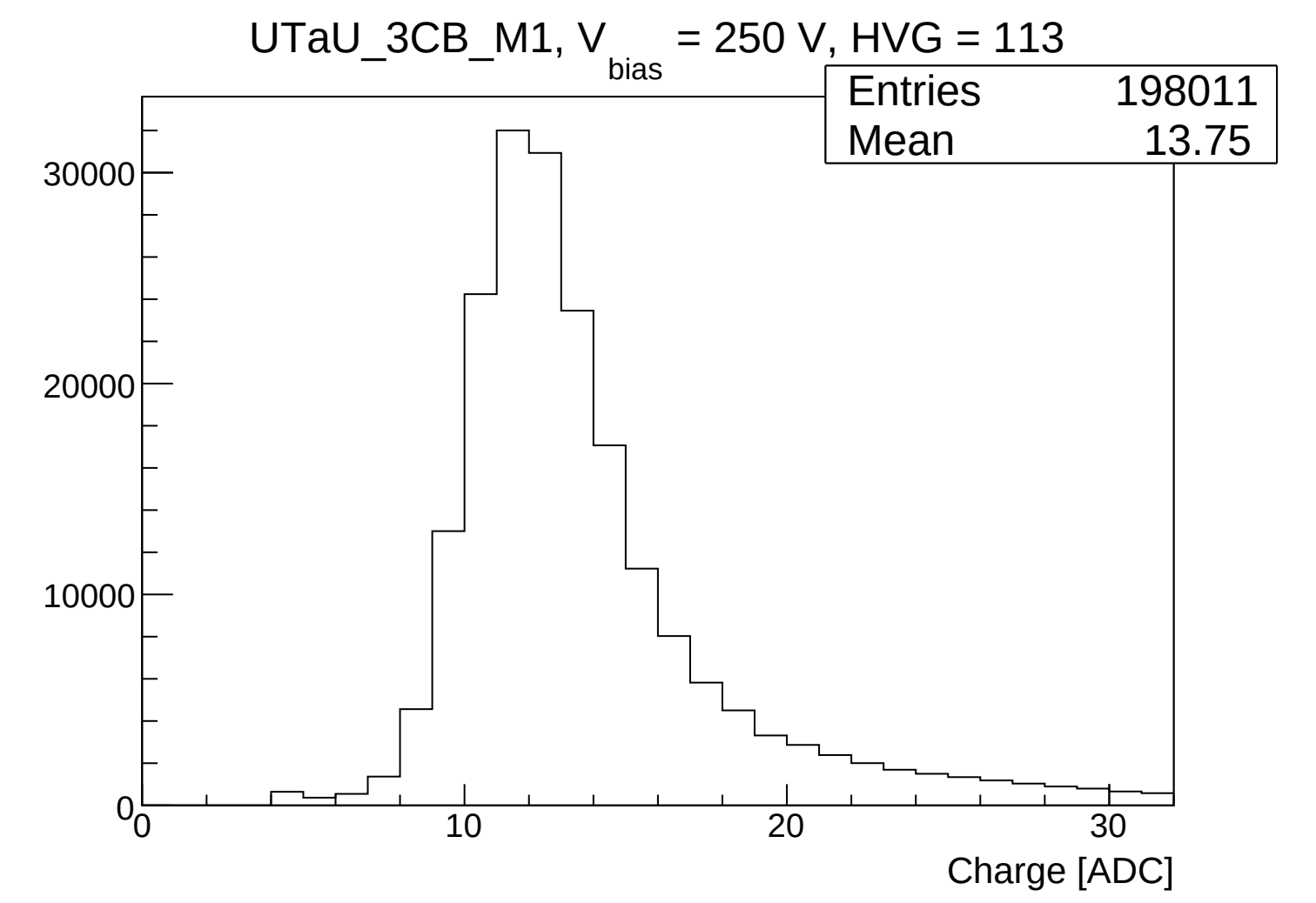

UTaU_1CB_S1, V bias = 200 V, HVG = 108
×10^3
Entries 1160538
Mean 12.44
150
100
50
0
0
10
20
30
Charge [ADC]

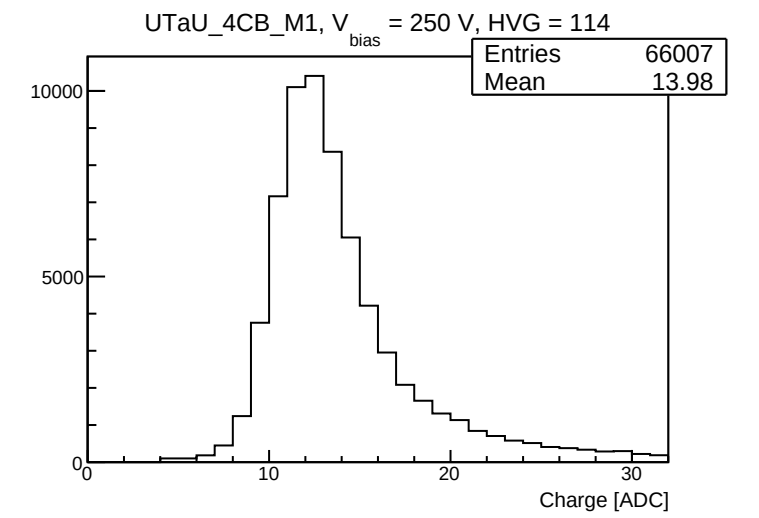

UTaU_1CB_M1, V bias = 200 V, HVG = 109
×10^3
Entries 1027494
Mean 11.48
150
100
50
0
0
10
20
30
Charge [ADC]

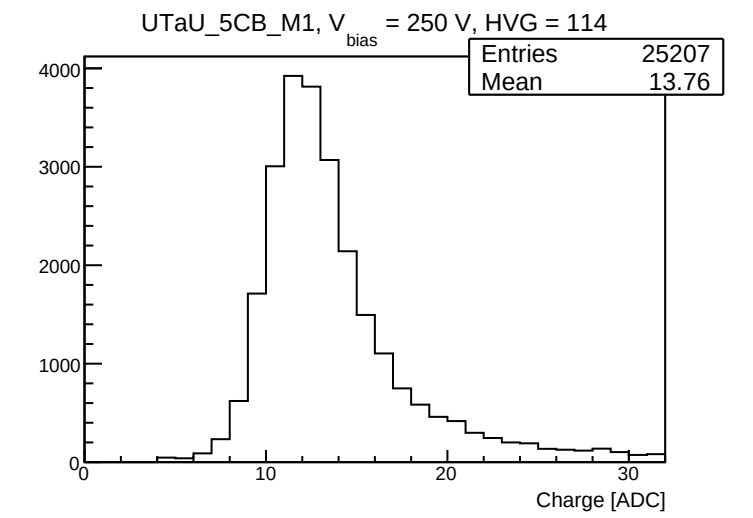

UTaU_1CB_S2, V bias = 250 V, HVG = 110
×10^3
Entries 766373
Mean 12.95
100
50
0
0
10
20
30
Charge [ADC]

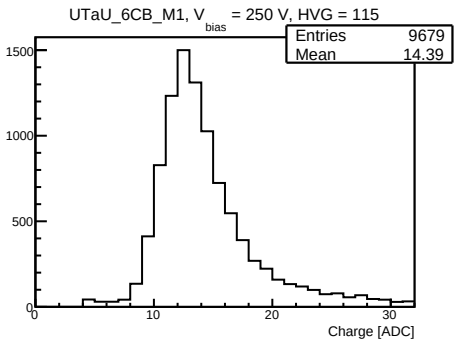

UTaU_2CB_M1, V bias = 250 V, HVG = 111
Entries 662669
Mean 12.22
×10^3
100
50
0
0
10
20
30
Charge [ADC]

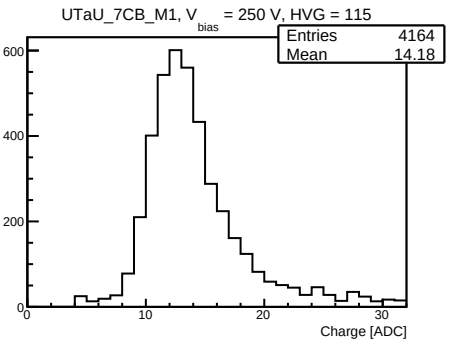

UTaU_2CB_S1, V bias = 300 V, HVG = 112
Entries 325796
Mean 13.09
40000
20000
0
0
10
20
30
Charge [ADC]

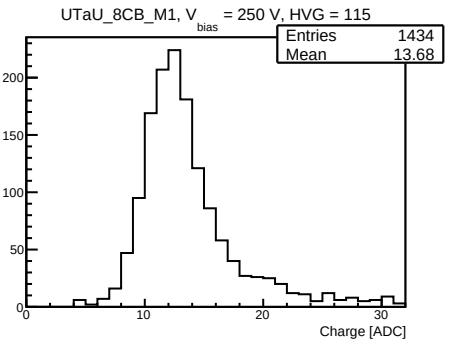

UTaU_3CB_M1, V bias = 250 V, HVG = 113
Entries 198011
Mean 13.75
30000
20000
10000
0
0
10
20
30
Charge [ADC]

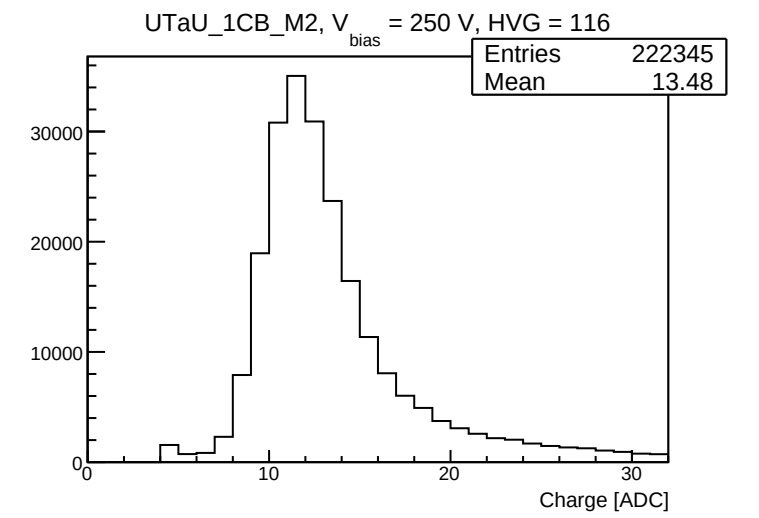

UTaU_4CB_M1, V bias = 250 V, HVG = 114
Entries 66007
Mean 13.98
10000
5000
0
0
10
20
30
Charge [ADC]

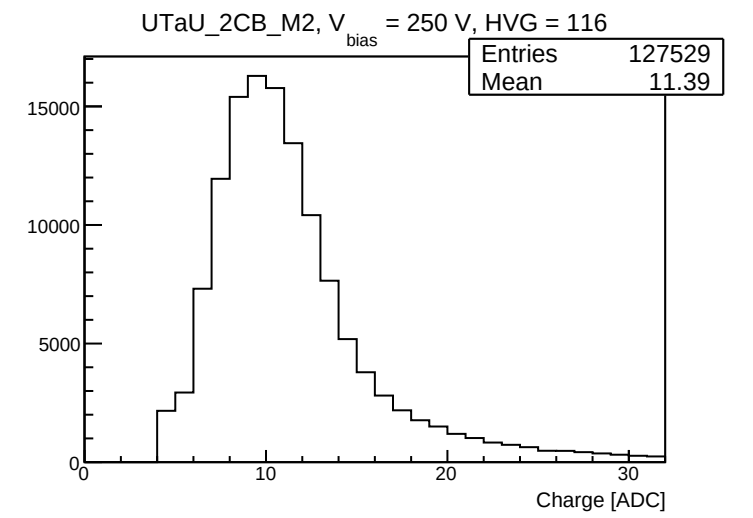

UTaU_5CB_M1, V bias = 250 V, HVG = 114
Entries 25207
Mean 13.76
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

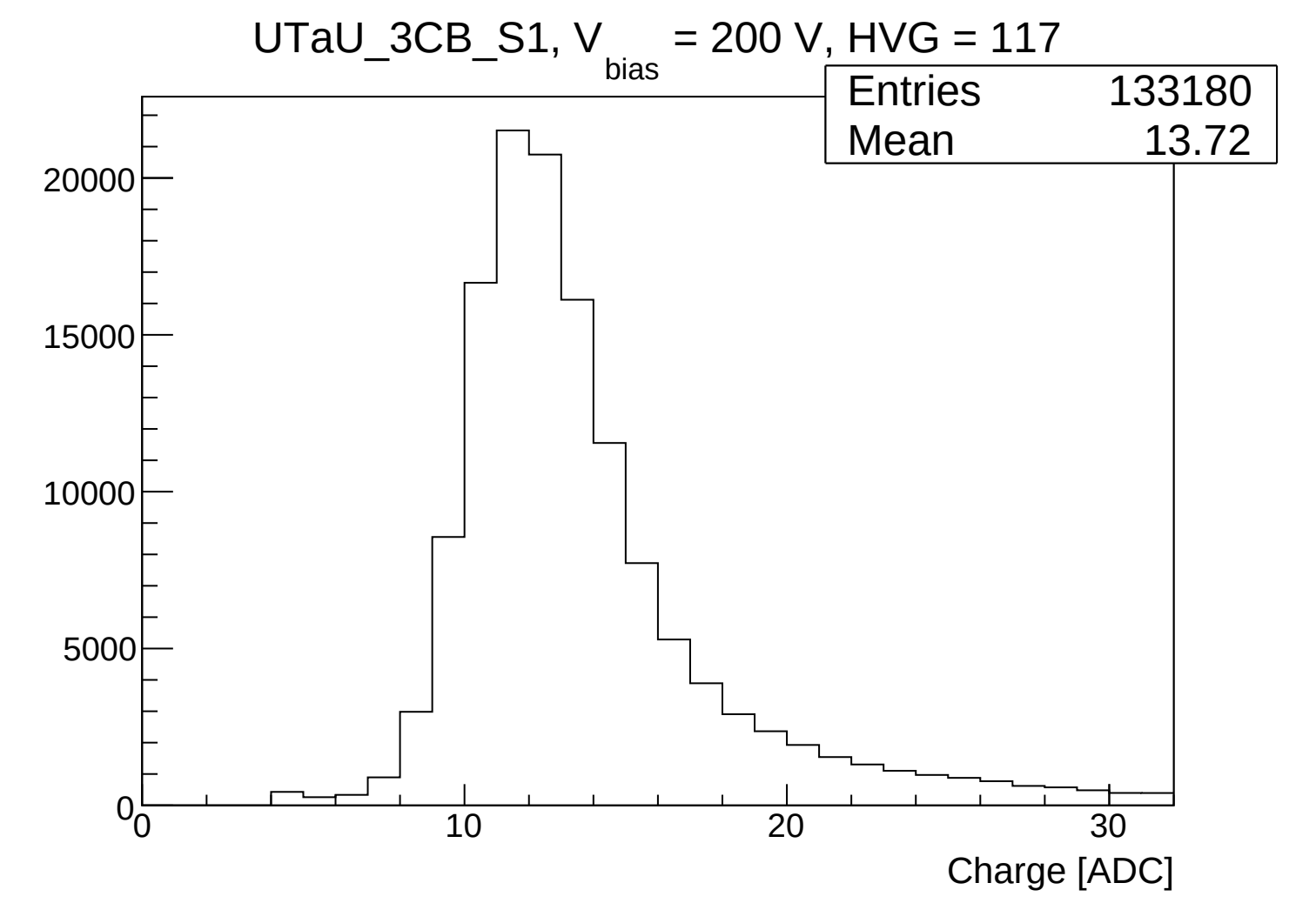

UTaU_6CB_M1, V bias = 250 V, HVG = 115
Entries 9679
Mean 14.39
1500
1000
500
0
0
10
20
30
Charge [ADC]

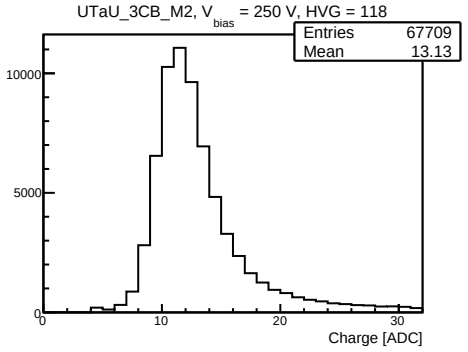

UTaU_7CB_M1, V bias = 250 V, HVG = 115
Entries 4164
Mean 14.18
600
400
200
0
0
10
20
30
Charge [ADC]

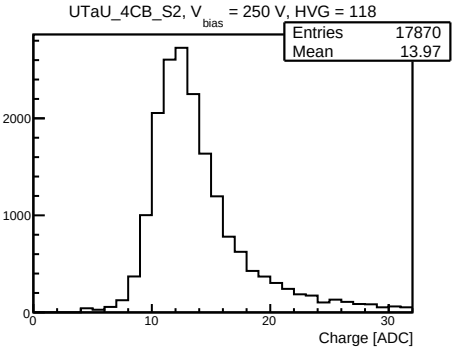

UTaU_8CB_M1, V bias = 250 V, HVG = 115
Entries 1434
Mean 13.68
200
150
100
50
0
0
10
20
30
Charge [ADC]

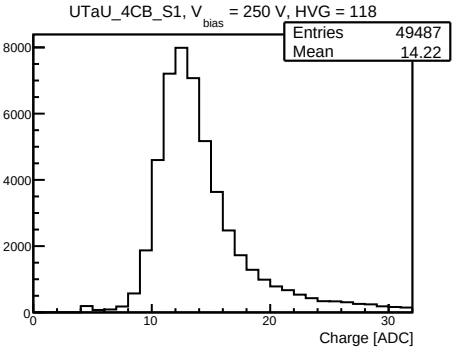

UTaU_1CB_M2, V bias = 250 V, HVG = 116
Entries 222345
Mean 13.48
30000
20000
10000
0
0
10
20
30
Charge [ADC]

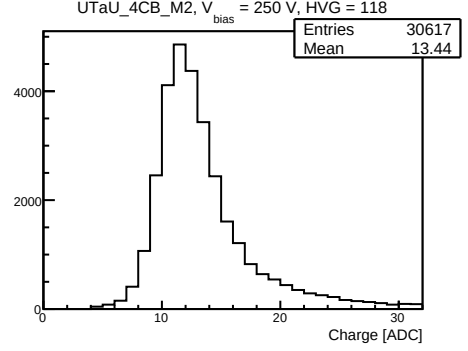

UTaU_2CB_M2, V bias = 250 V, HVG = 116
Entries 127529
Mean 11.39
15000
10000
5000
0
0
10
20
30
Charge [ADC]

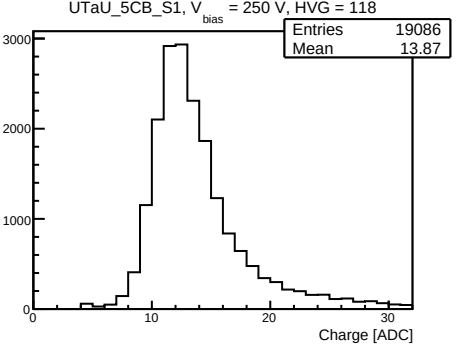

UTaU_3CB_S1, V bias = 200 V, HVG = 117
Entries 133180
Mean 13.72
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

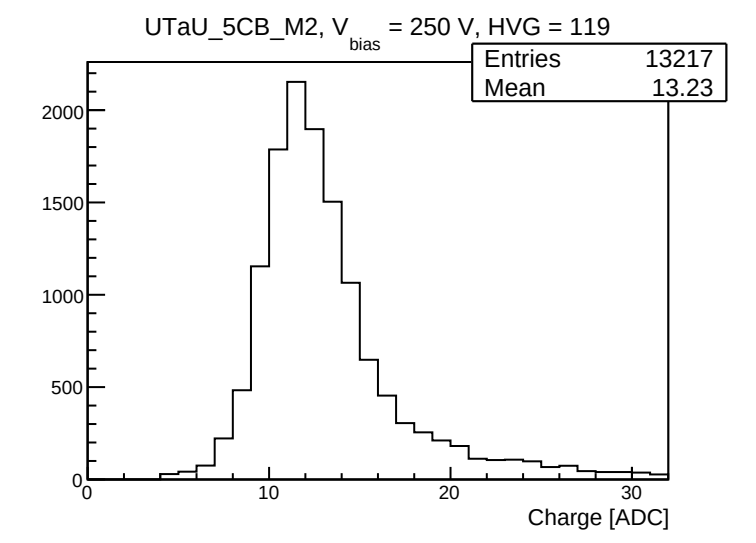

UTaU_3CB_M2, V bias = 250 V, HVG = 118
Entries 67709
Mean 13.13
Charge [ADC]

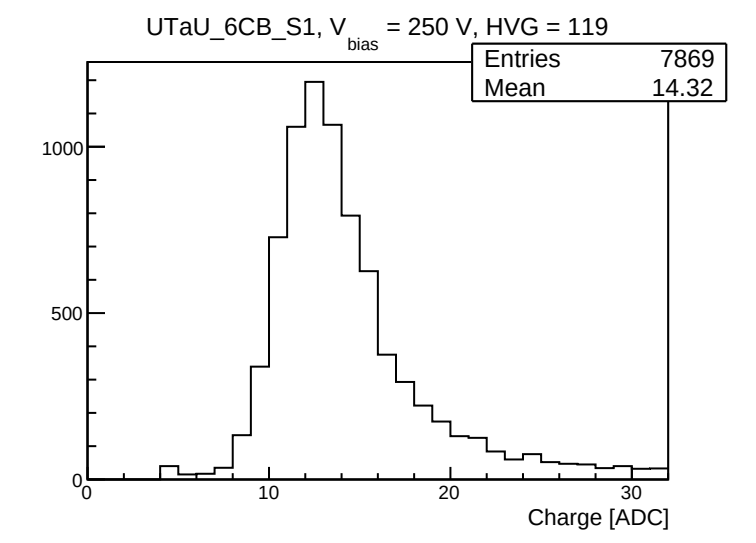

UTaU_4CB_S2, V bias = 250 V, HVG = 118
Entries 17870
Mean 13.97
Charge [ADC]

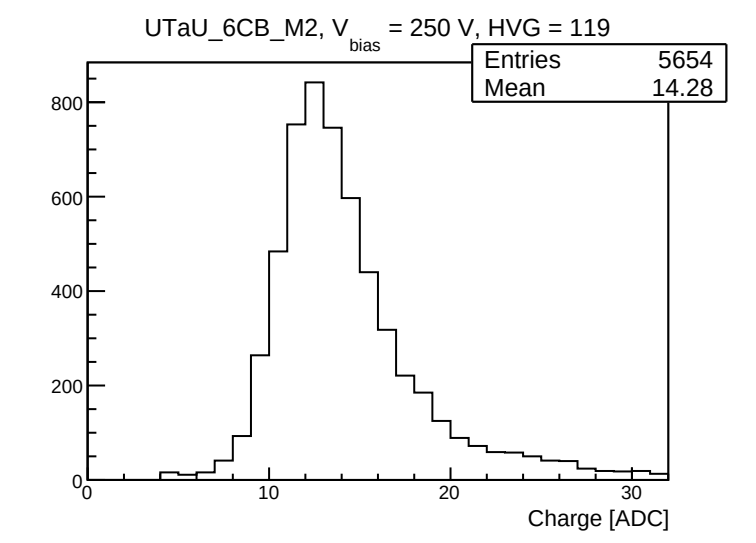

UTaU_4CB_S1, V bias = 250 V, HVG = 118
Entries 49487
Mean 14.22
Charge [ADC]

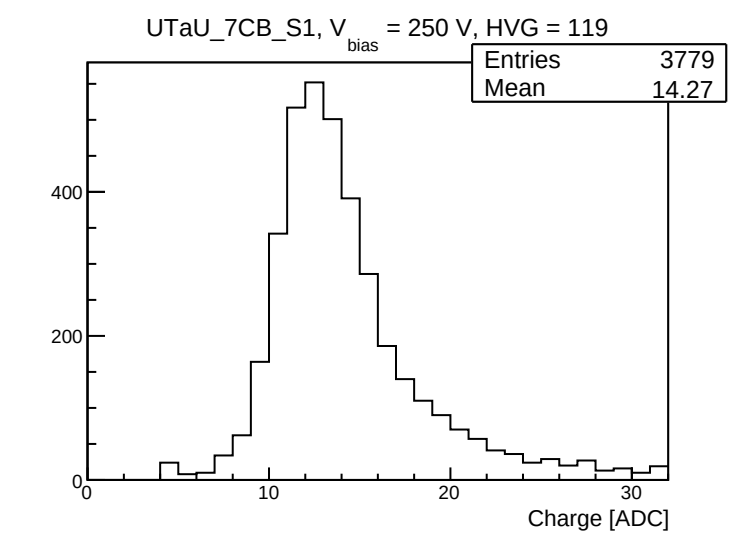

UTaU_4CB_M2, V bias = 250 V, HVG = 118
Entries 30617
Mean 13.44
Charge [ADC]

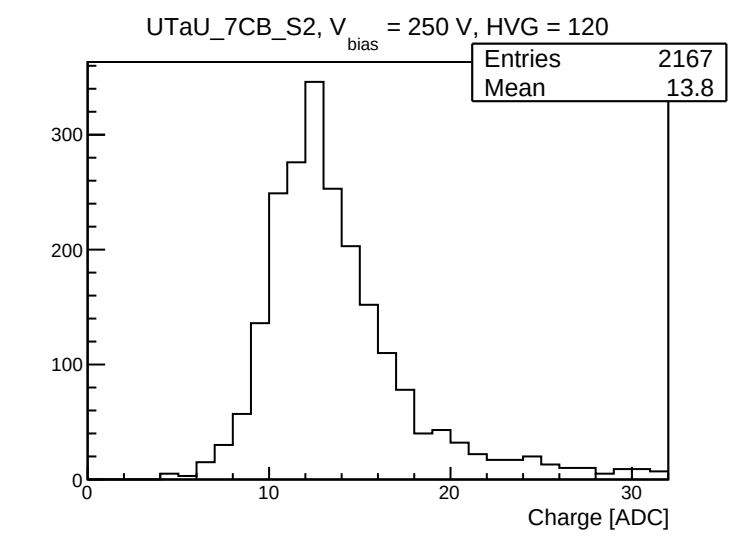

UTaU_5CB_S1, V bias = 250 V, HVG = 118
Entries 19086
Mean 13.87
Charge [ADC]

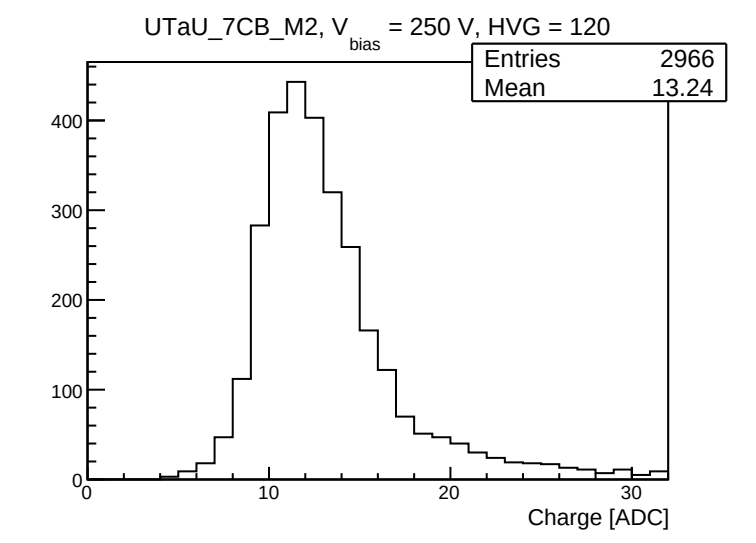

UTaU_5CB_M2, V bias = 250 V, HVG = 119
Entries 13217
Mean 13.23
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

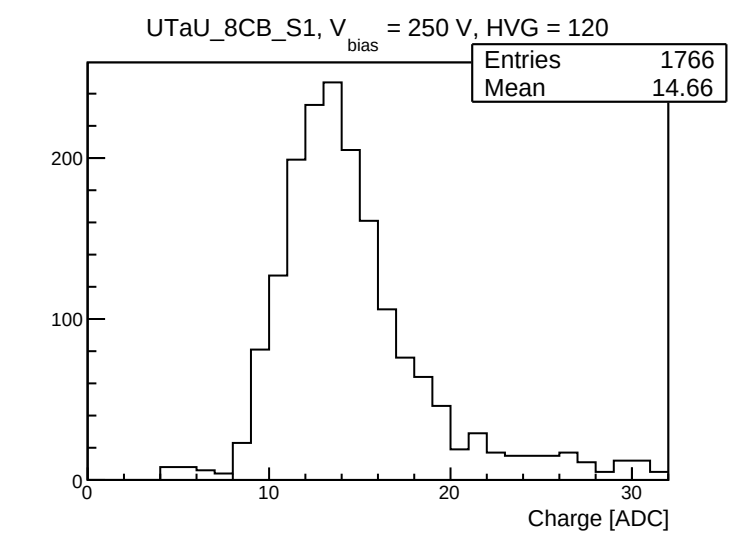

UTaU_6CB_S1, V bias = 250 V, HVG = 119
Entries 7869
Mean 14.32
1000
500
0
0
10
20
30
Charge [ADC]

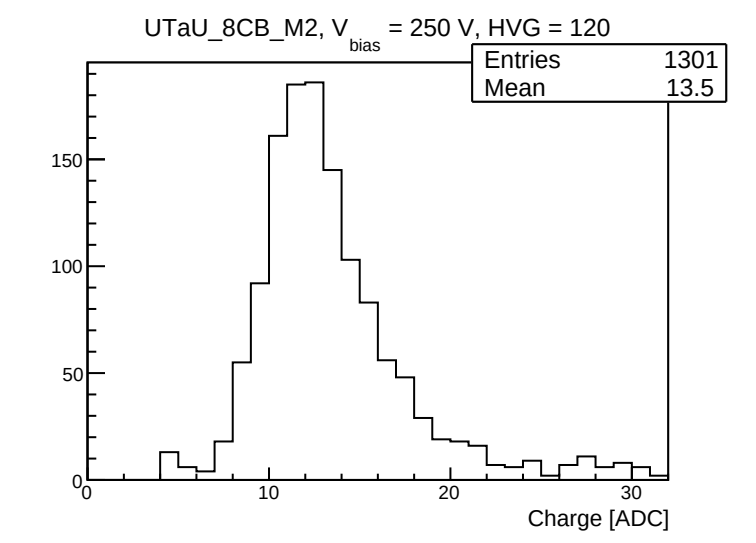

UTaU_6CB_M2, V bias = 250 V, HVG = 119
Entries 5654
Mean 14.28
800
600
400
200
0
0
10
20
30
Charge [ADC]

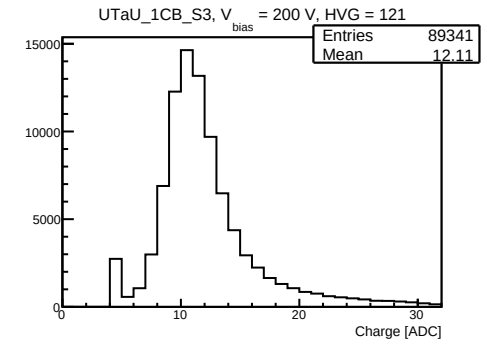

UTaU_7CB_S1, V bias = 250 V, HVG = 119
Entries 3779
Mean 14.27
400
200
0
0
10
20
30
Charge [ADC]

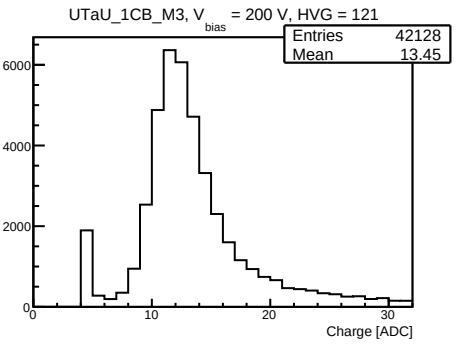

UTaU_7CB_S2, V bias = 250 V, HVG = 120
Entries 2167
Mean 13.8
300
200
100
0
0
10
20
30
Charge [ADC]

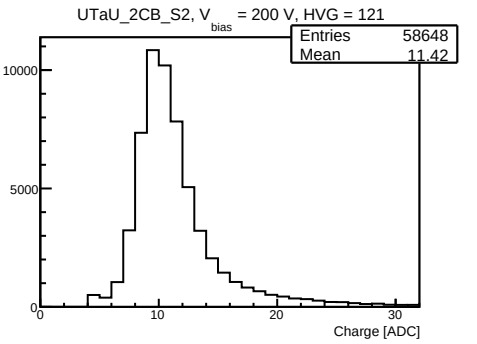

UTaU_7CB_M2, V bias = 250 V, HVG = 120
Entries 2966
Mean 13.24
400
300
200
100
0
0
10
20
30
Charge [ADC]

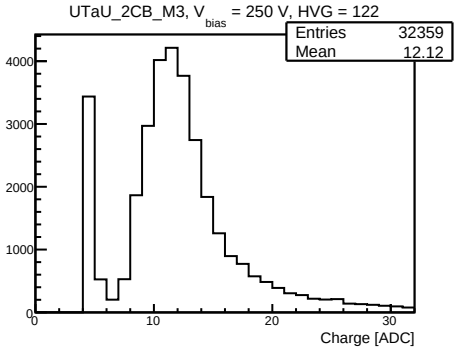

UTaU_8CB_S1, V bias = 250 V, HVG = 120
Entries 1766
Mean 14.66
200
100
0
0
10
20
30
Charge [ADC]

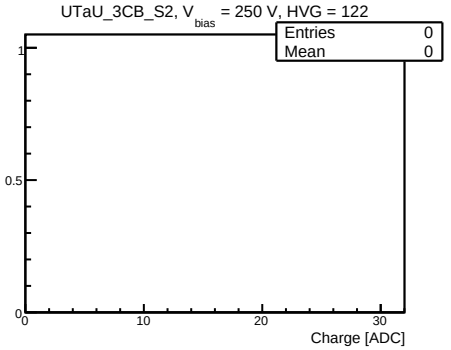

UTaU_8CB_M2, V bias = 250 V, HVG = 120
Entries 1301
Mean 13.5
150
100
50
0
0
10
20
30
Charge [ADC]

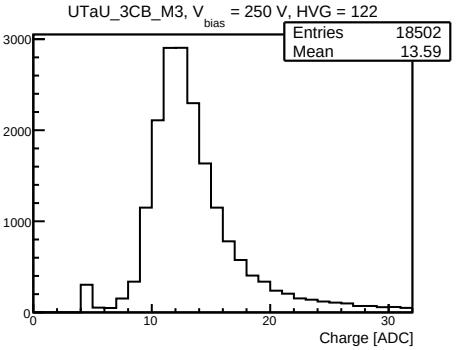

UTaU_1CB_S3, V bias = 200 V, HVG = 121
Entries 89341
Mean 12.11
15000
10000
5000
0
0
10
20
30
Charge [ADC]

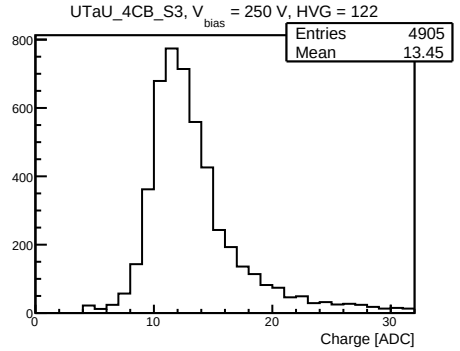

UTaU_1CB_M3, V bias = 200 V, HVG = 121
Entries 42128
Mean 13.45
6000
4000
2000
0
0
10
20
30
Charge [ADC]

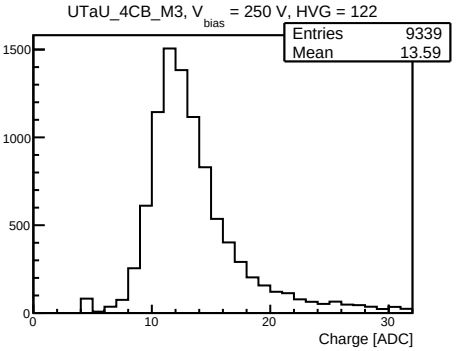

UTaU_2CB_S2, V bias = 200 V, HVG = 121
Entries 58648
Mean 11.42
10000
5000
0
0
10
20
30
Charge [ADC]

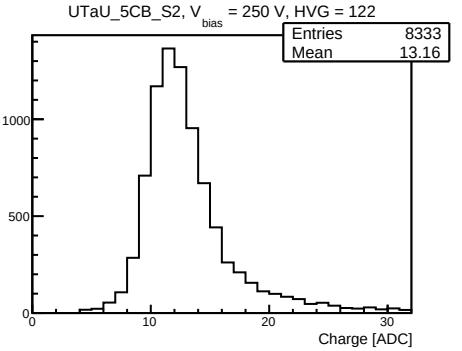

UTaU_2CB_M3, V bias = 250 V, HVG = 122
Entries 32359
Mean 12.12
Charge [ADC]

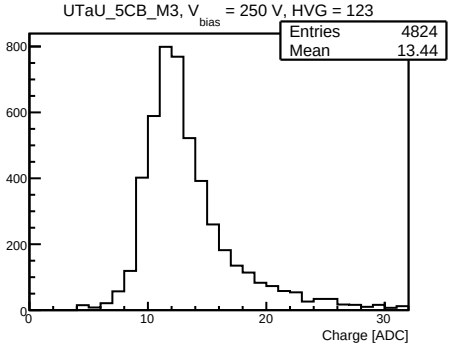

UTaU_3CB_S2, V bias = 250 V, HVG = 122
Entries 0
Mean 0
Charge [ADC]

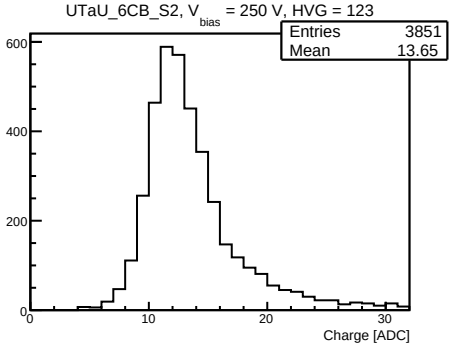

UTaU_3CB_M3, V bias = 250 V, HVG = 122
Entries 18502
Mean 13.59
Charge [ADC]

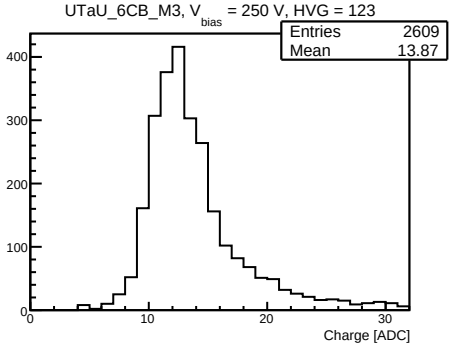

UTaU_4CB_S3, V bias = 250 V, HVG = 122
Entries 4905
Mean 13.45
Charge [ADC]

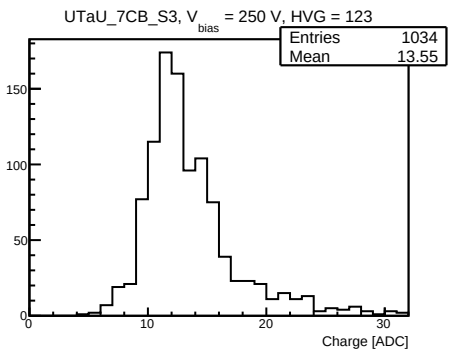

UTaU_4CB_M3, V bias = 250 V, HVG = 122
Entries 9339
Mean 13.59
Charge [ADC]

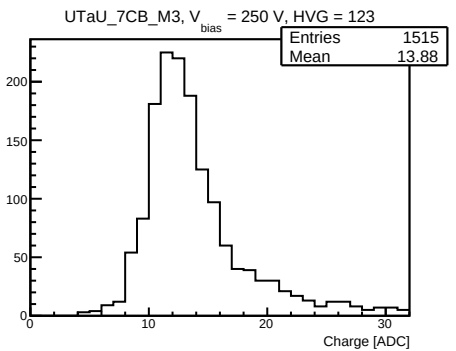

UTaU_5CB_S2, V bias = 250 V, HVG = 122
Entries 8333
Mean 13.16
Charge [ADC]

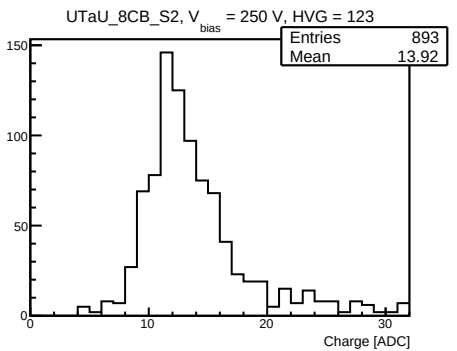

UTaU_5CB_M3, V bias = 250 V, HVG = 123
Entries 4824
Mean 13.44
Charge [ADC]

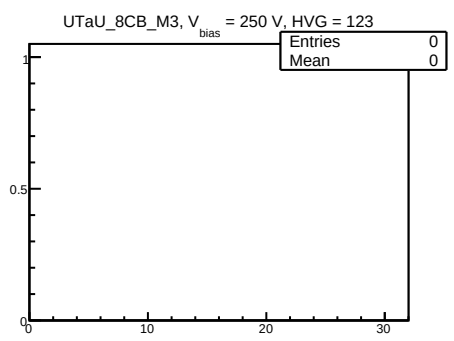

UTaU_6CB_S2, V bias = 250 V, HVG = 123
Entries 3851
Mean 13.65
Charge [ADC]

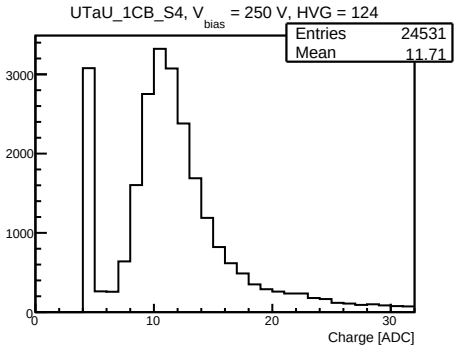

UTaU_6CB_M3, V bias = 250 V, HVG = 123
Entries 2609
Mean 13.87
Charge [ADC]

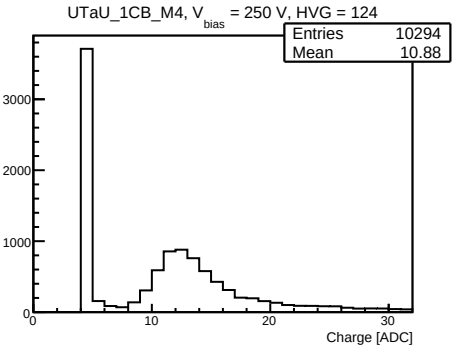

UTaU_7CB_S3, V bias = 250 V, HVG = 123
Entries 1034
Mean 13.55
Charge [ADC]

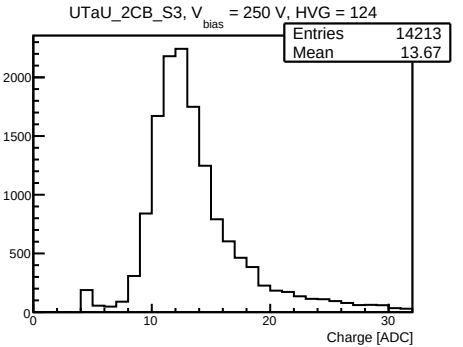

UTaU_7CB_M3, V bias = 250 V, HVG = 123
Entries 1515
Mean 13.88
Charge [ADC]

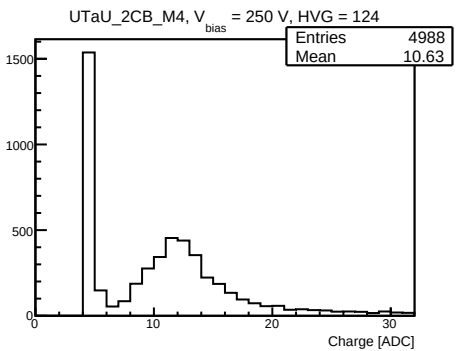

UTaU_8CB_S2, V bias = 250 V, HVG = 123
Entries 893
Mean 13.92
Charge [ADC]

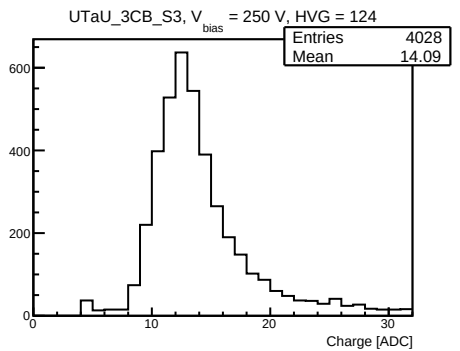

UTaU_8CB_M3, V bias = 250 V, HVG = 123
Entries 0
Mean 0
Charge [ADC]

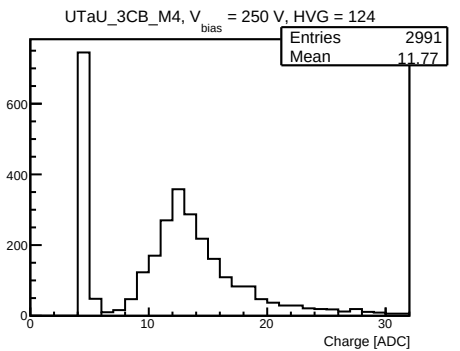

UTaU_1CB_S4, V bias = 250 V, HVG = 124
Entries 24531
Mean 11.71
Charge [ADC]

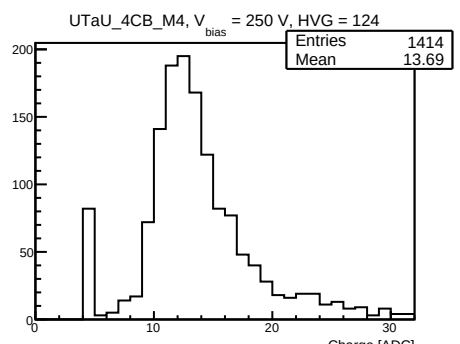

UTaU_1CB_M4, V bias = 250 V, HVG = 124
Entries 10294
Mean 10.88
Charge [ADC]

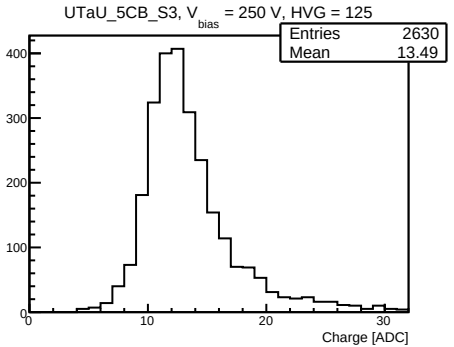

UTaU_2CB_S3, V bias = 250 V, HVG = 124
Entries 14213
Mean 13.67
Charge [ADC]

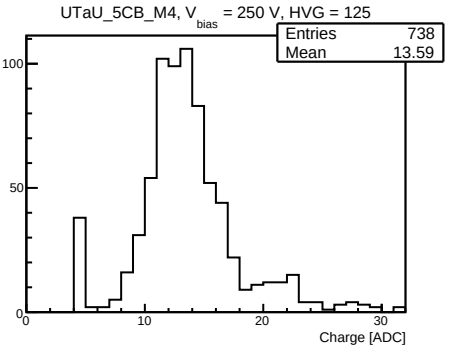

UTaU_2CB_M4, V bias = 250 V, HVG = 124
Entries 4988
Mean 10.63
Charge [ADC]

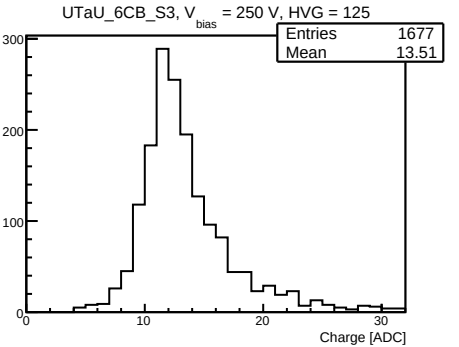

UTaU_3CB_S3, V bias = 250 V, HVG = 124
Entries 4028
Mean 14.09
Charge [ADC]

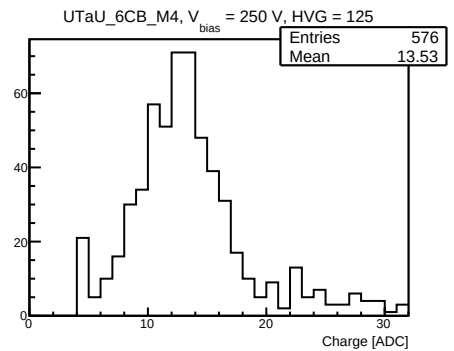

UTaU_3CB_M4, V bias = 250 V, HVG = 124
Entries 2991
Mean 11.77
Charge [ADC]

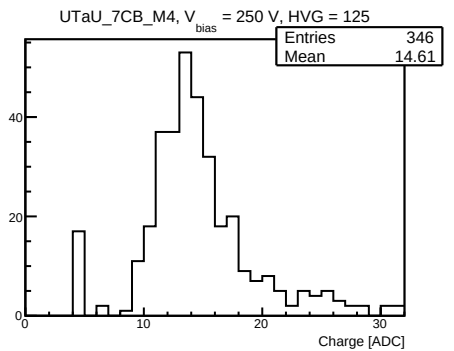

UTaU_4CB_M4, V bias = 250 V, HVG = 124
Entries 1414
Mean 13.69
Charge [ADC]

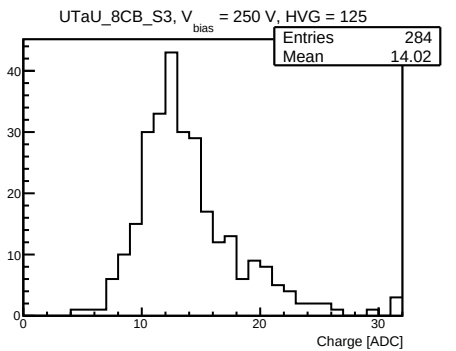

UTaU_5CB_S3, V bias = 250 V, HVG = 125
Entries 2630
Mean 13.49
Charge [ADC]

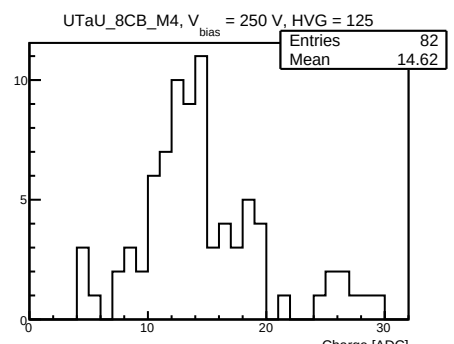

UTaU_5CB_M4, V bias = 250 V, HVG = 125
Entries 738
Mean 13.59
Charge [ADC]

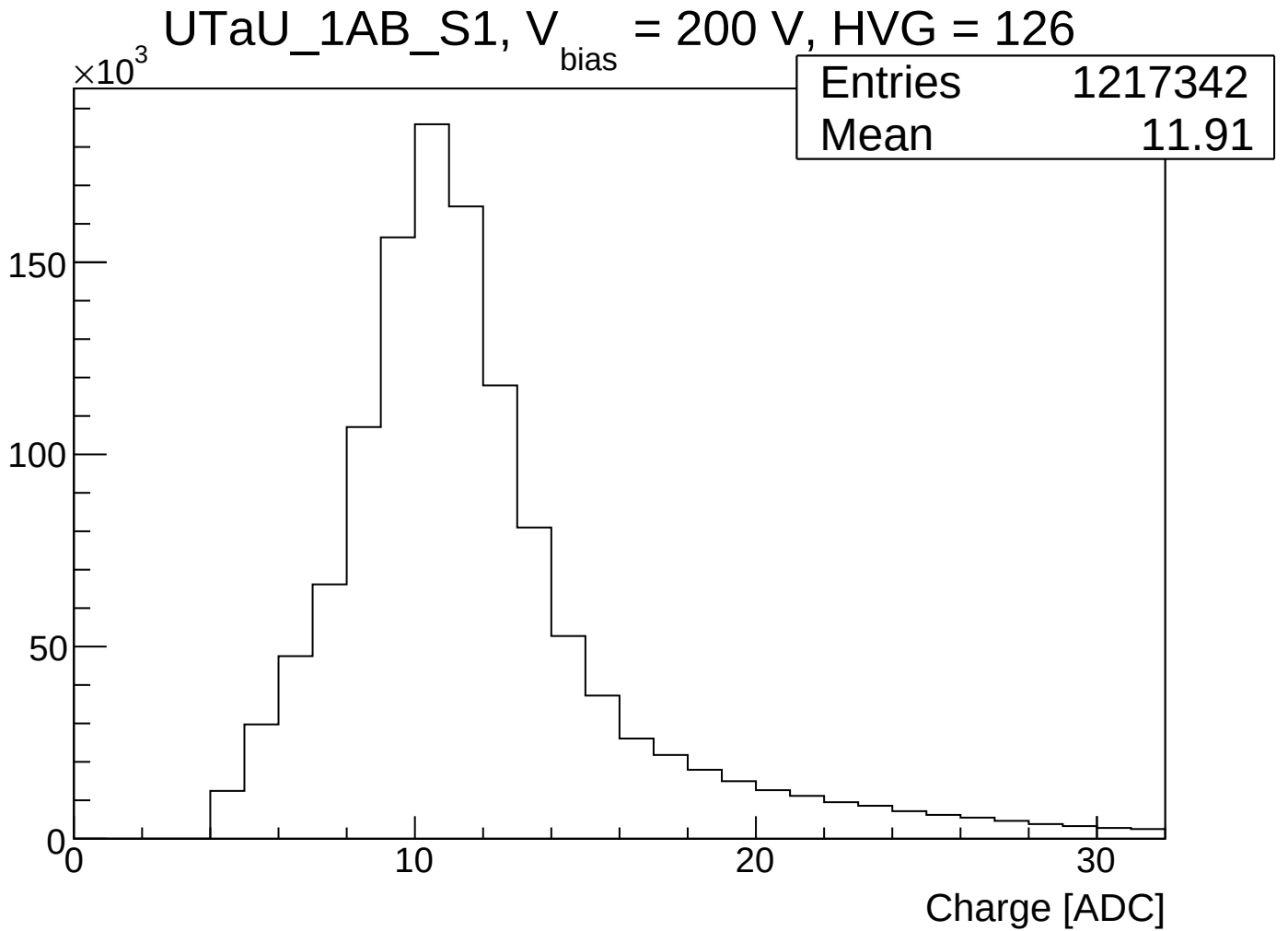

UTaU_6CB_S3, V bias = 250 V, HVG = 125
Entries 1677
Mean 13.51
Charge [ADC]

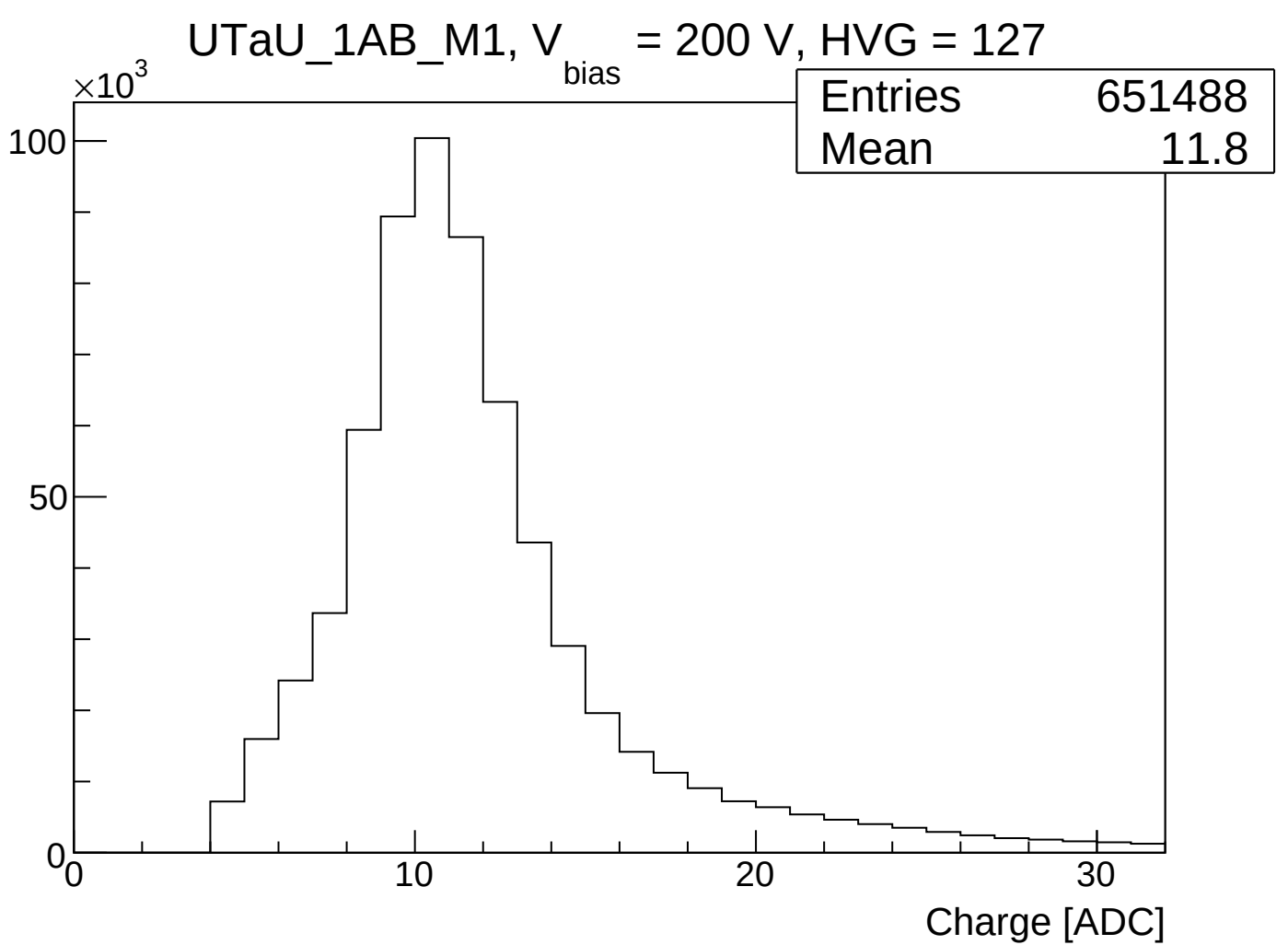

UTaU_6CB_M4, V bias = 250 V, HVG = 125
Entries 576
Mean 13.53
Charge [ADC]

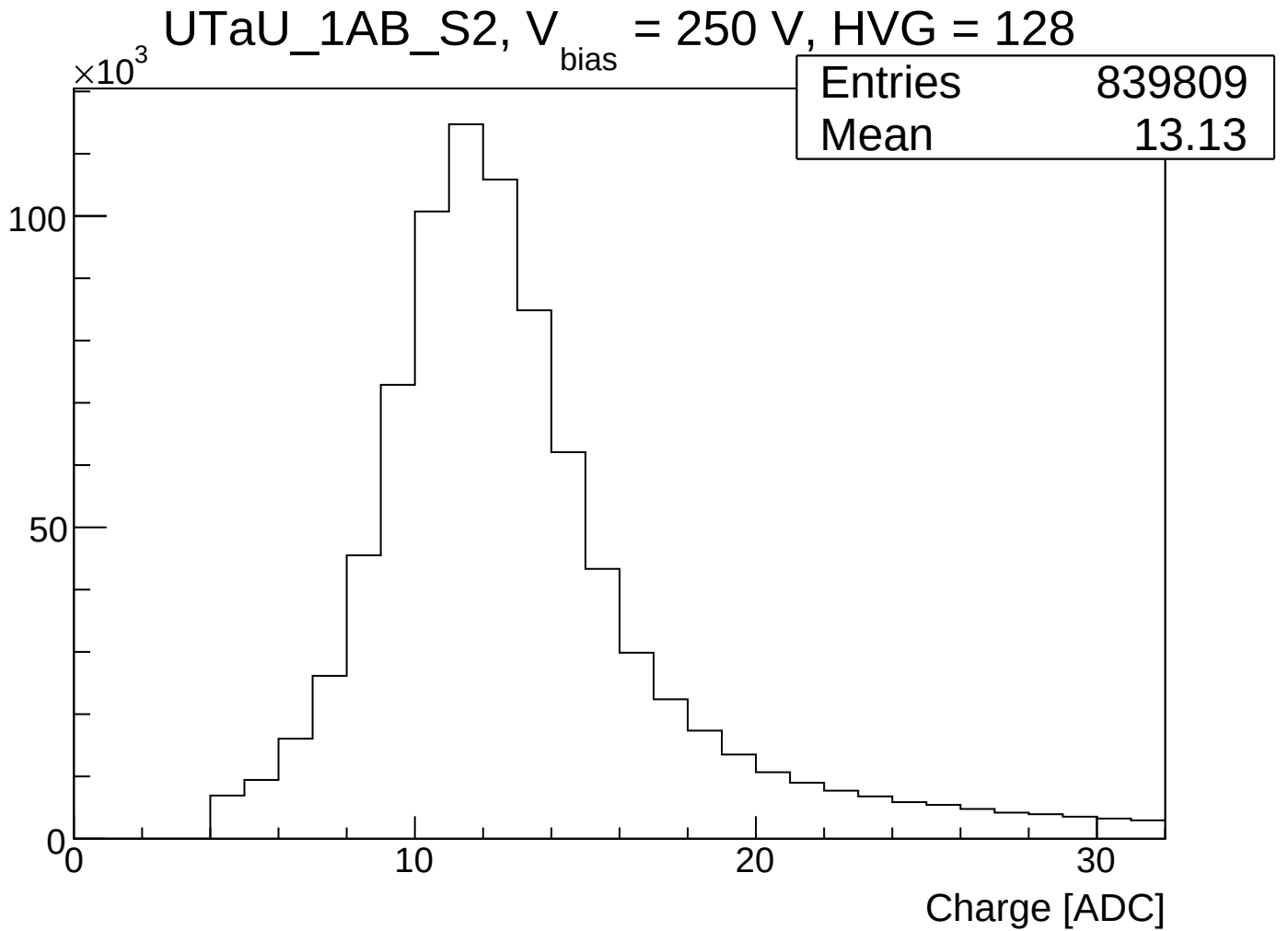

UTaU_7CB_M4, V bias = 250 V, HVG = 125
Entries 346
Mean 14.61
Charge [ADC]

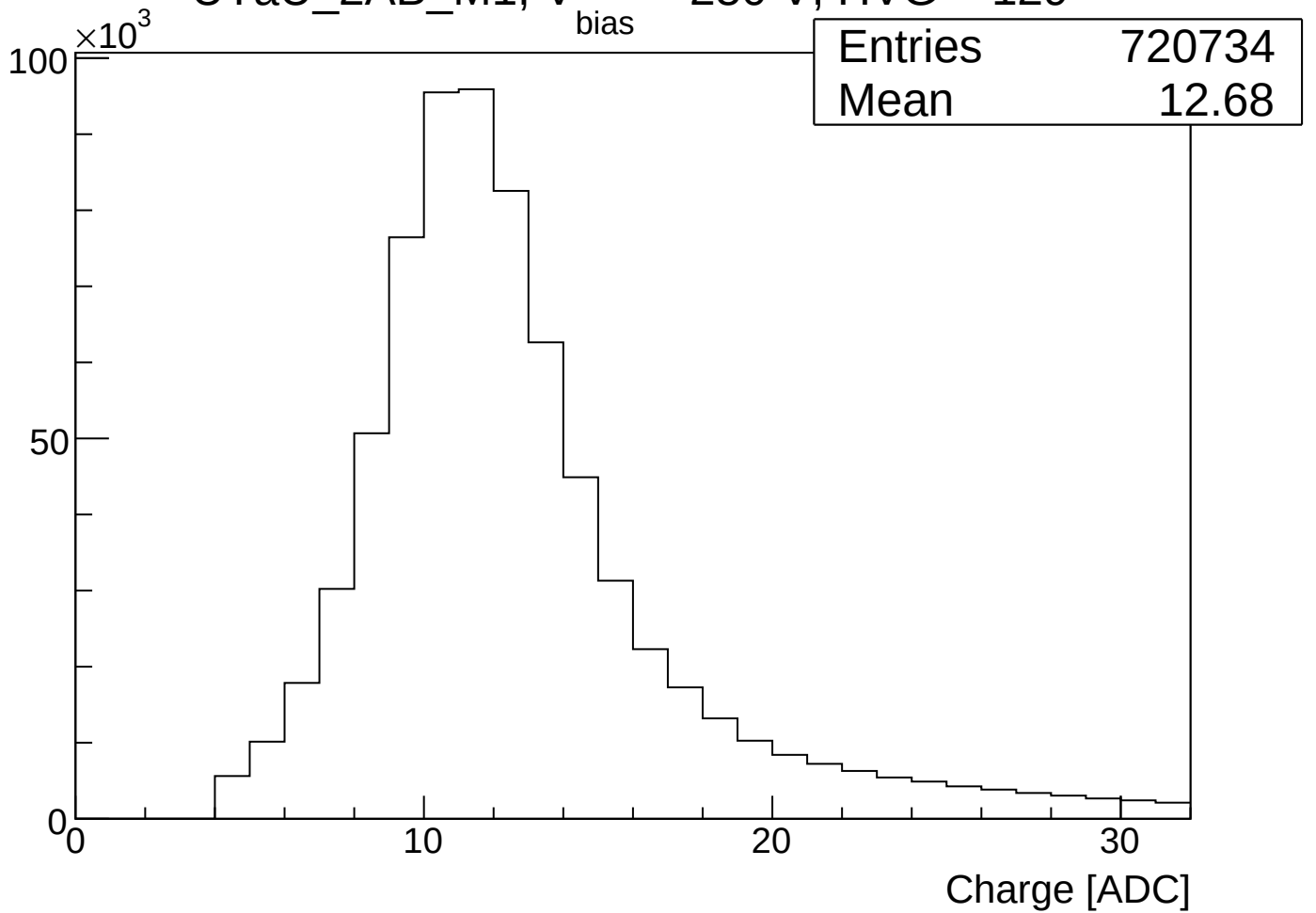

UTaU_8CB_S3, V bias = 250 V, HVG = 125
Entries 284
Mean 14.02
Charge [ADC]

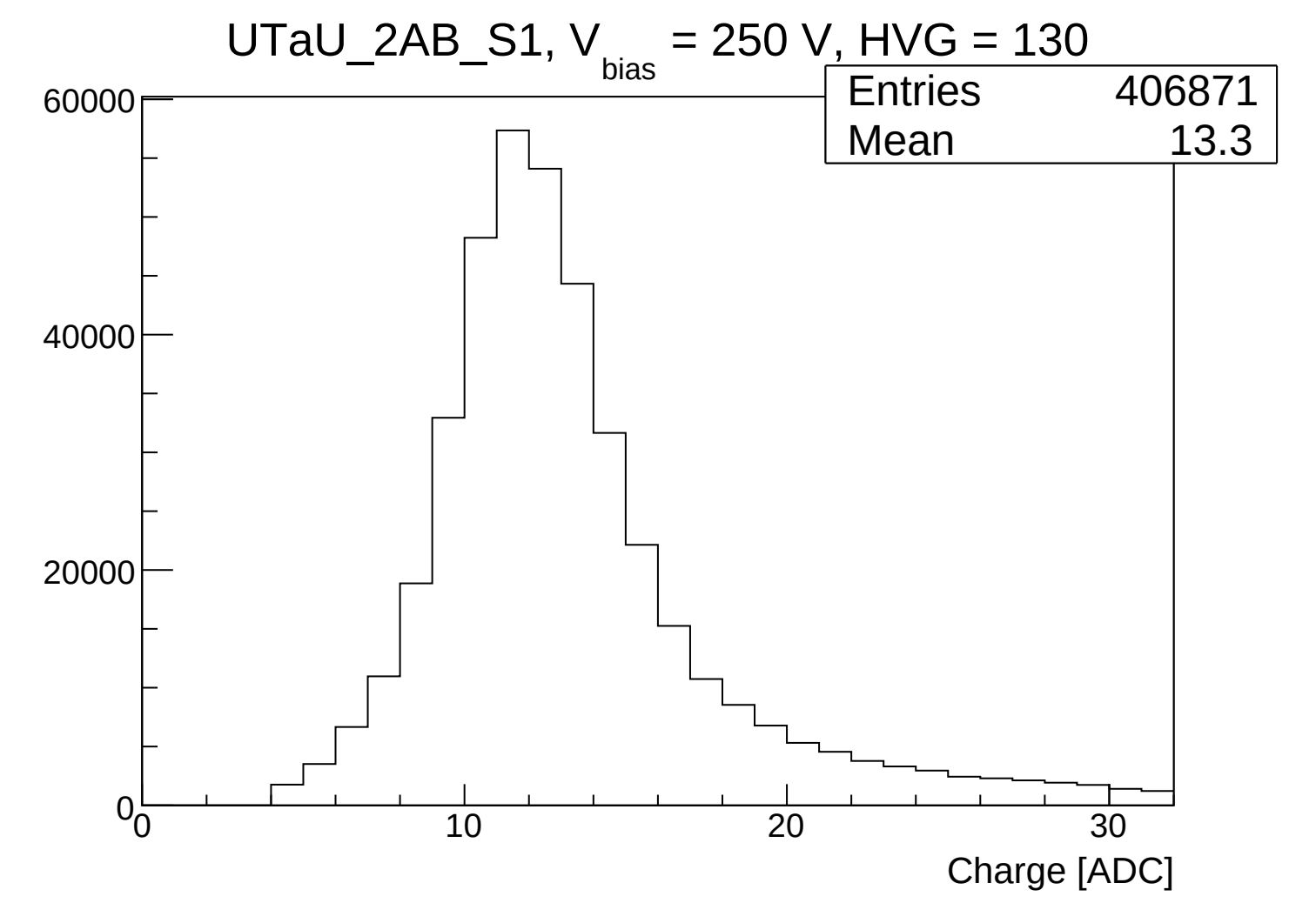

UTaU_8CB_M4, V bias = 250 V, HVG = 125
Entries 82
Mean 14.62
Charge [ADC]

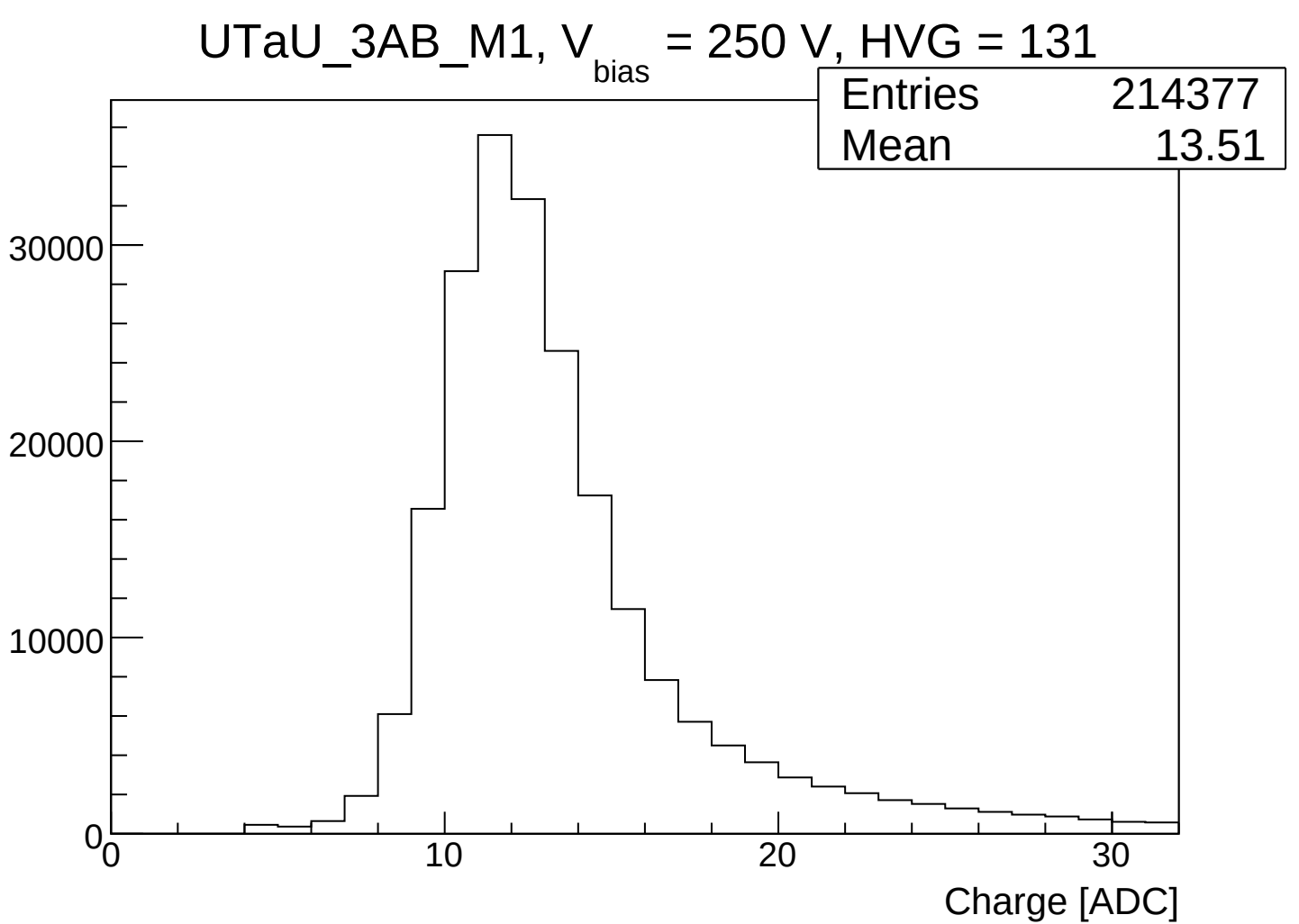

UTaU_1AB_S1, V bias = 200 V, HVG = 126
×10^3
Entries 1217342
Mean 11.91
150
100
50
0
0
10
20
30
Charge [ADC]

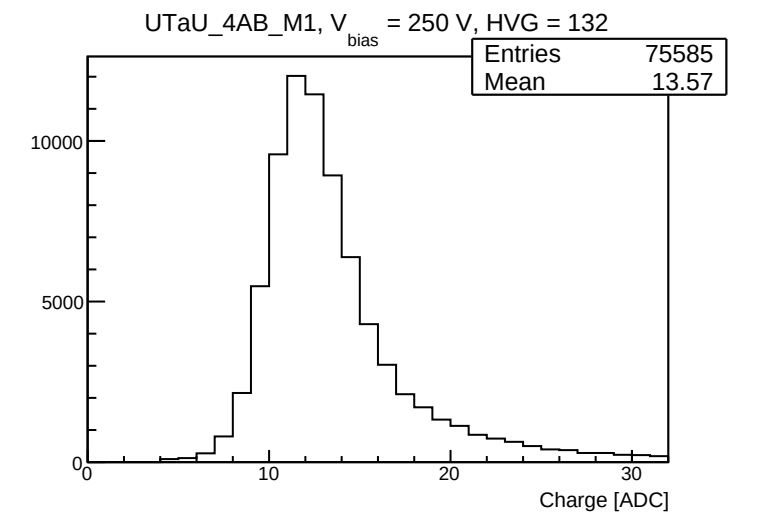

UTaU_1AB_M1, V bias = 200 V, HVG = 127
×10^3
Entries 651488
Mean 11.8
100
50
0
0
10
20
30
Charge [ADC]

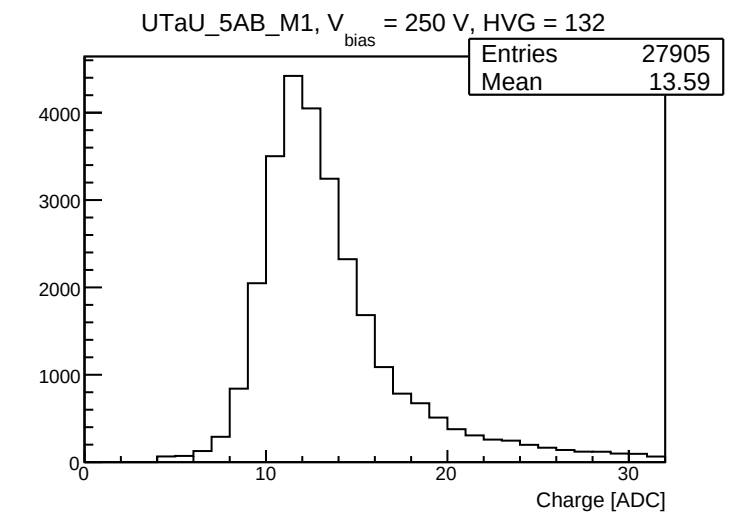

UTaU_1AB_S2, V bias = 250 V, HVG = 128
×10^3
Entries 839809
Mean 13.13
100
50
0
0
10
20
30
Charge [ADC]

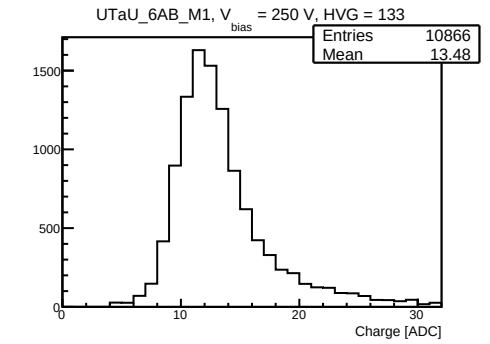

UTaU_2AB_M1, V bias = 250 V, HVG = 129
×10^3
100
50
0
0
10
20
30
Charge [ADC]
Entries 720734
Mean 12.68

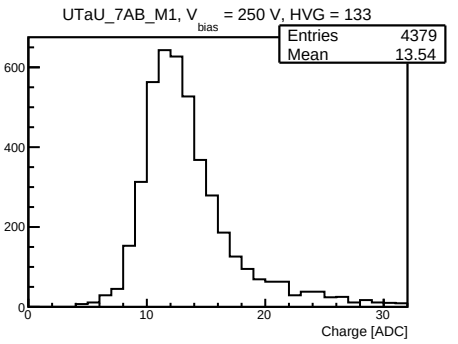

UTaU_2AB_S1, V bias = 250 V, HVG = 130
Entries 406871
Mean 13.3
60000
40000
20000
0
0
10
20
30
Charge [ADC]

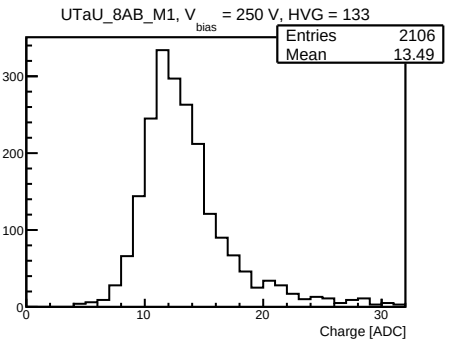

UTaU_3AB_M1, V bias = 250 V, HVG = 131
Entries 214377
Mean 13.51
30000
20000
10000
0
0
10
20
30
Charge [ADC]

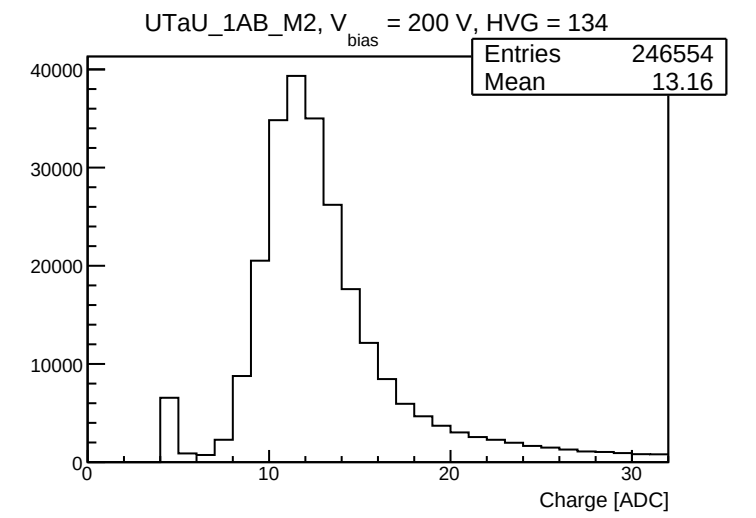

UTaU_4AB_M1, V bias = 250 V, HVG = 132
Entries 75585
Mean 13.57
10000
5000
0
0
10
20
30
Charge [ADC]

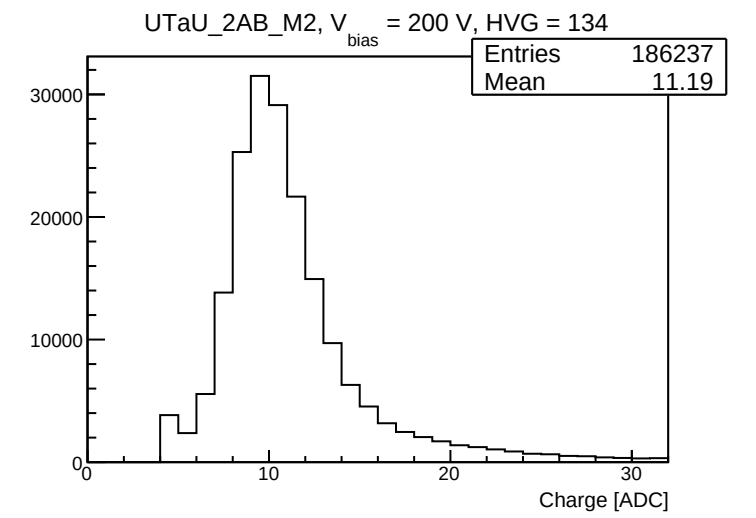

UTaU_5AB_M1, V bias = 250 V, HVG = 132
Entries 27905
Mean 13.59
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

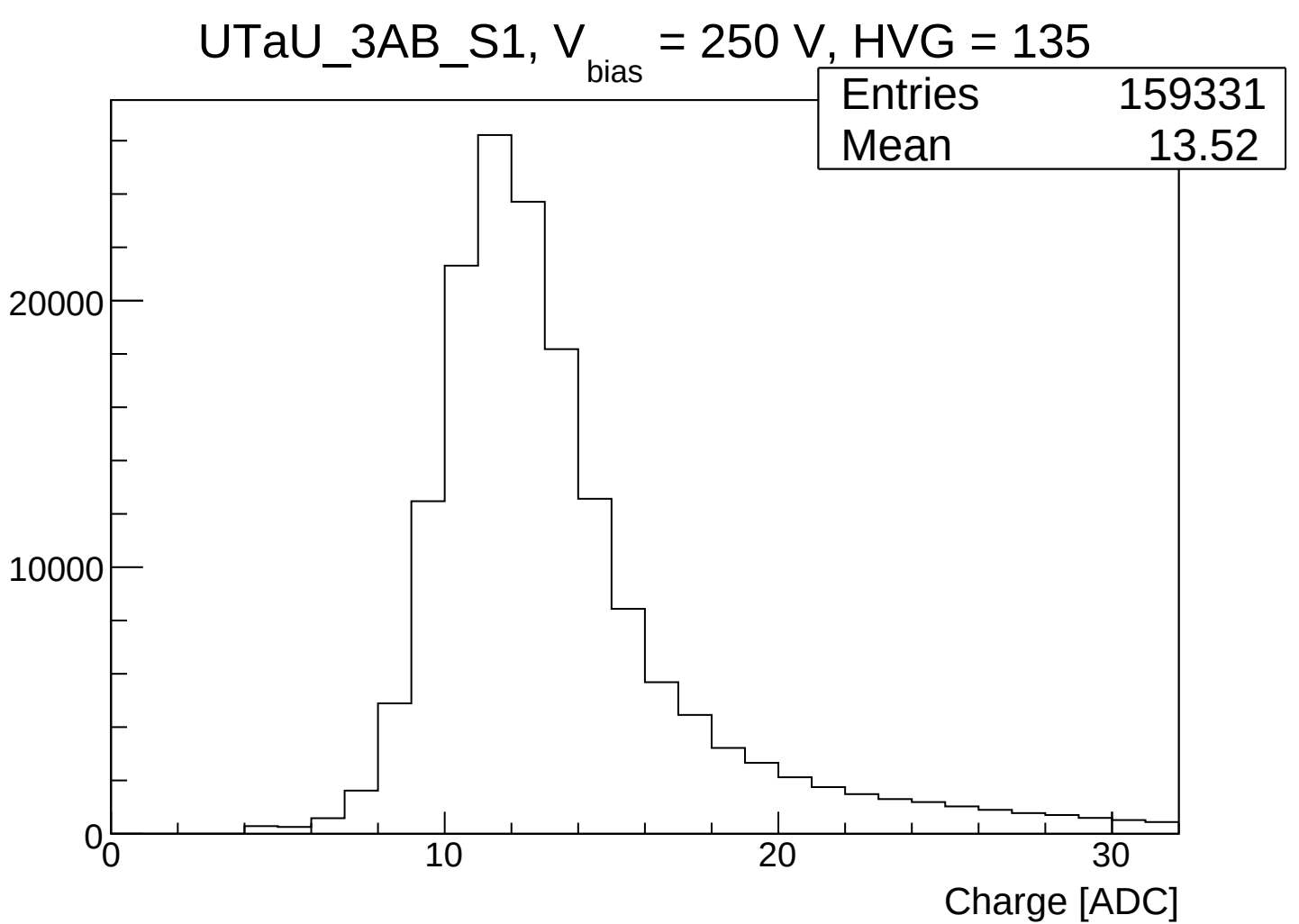

UTaU_6AB_M1, V bias = 250 V, HVG = 133
Entries 10866
Mean 13.48
1500
1000
500
0
0
10
20
30
Charge [ADC]

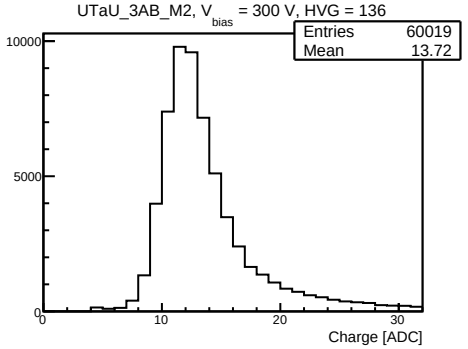

UTaU_7AB_M1, V bias = 250 V, HVG = 133
Entries 4379
Mean 13.54
600
400
200
0
0
10
20
30
Charge [ADC]

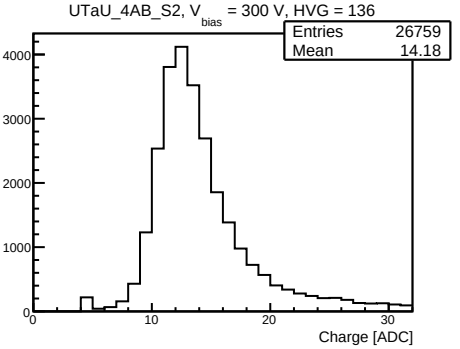

UTaU_8AB_M1, V bias = 250 V, HVG = 133
Entries 2106
Mean 13.49
300
200
100
0
0
10
20
30
Charge [ADC]

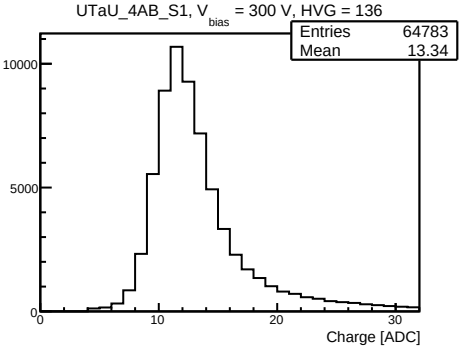

UTaU_1AB_M2, V bias = 200 V, HVG = 134
Entries 246554
Mean 13.16
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

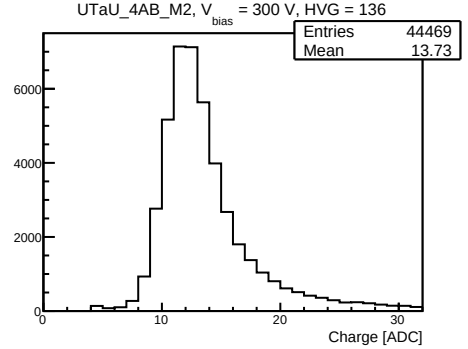

UTaU_2AB_M2, V bias = 200 V, HVG = 134
Entries 186237
Mean 11.19
30000
20000
10000
0
0
10
20
30
Charge [ADC]

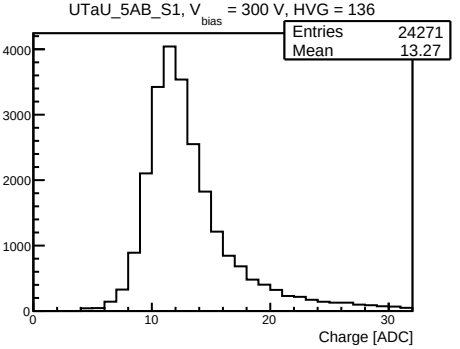

UTaU_3AB_S1, V bias = 250 V, HVG = 135
Entries 159331
Mean 13.52
20000
10000
0
0
10
20
30
Charge [ADC]

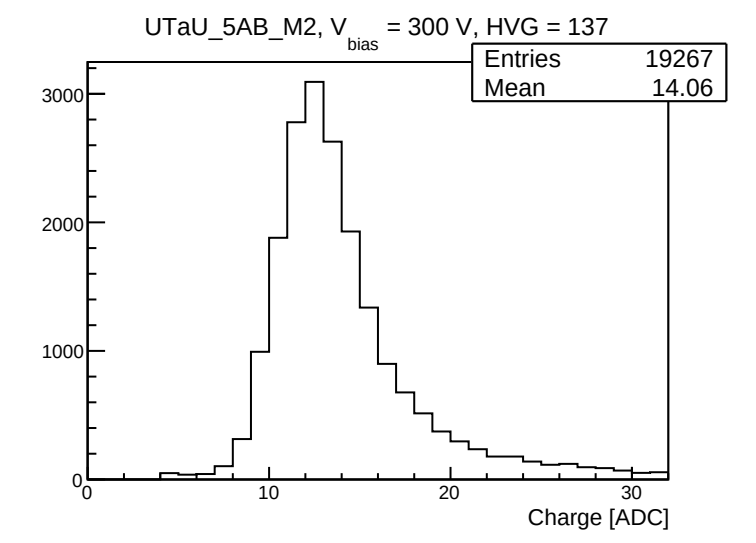

UTaU_3AB_M2, V bias = 300 V, HVG = 136
Entries 60019
Mean 13.72
Charge [ADC]

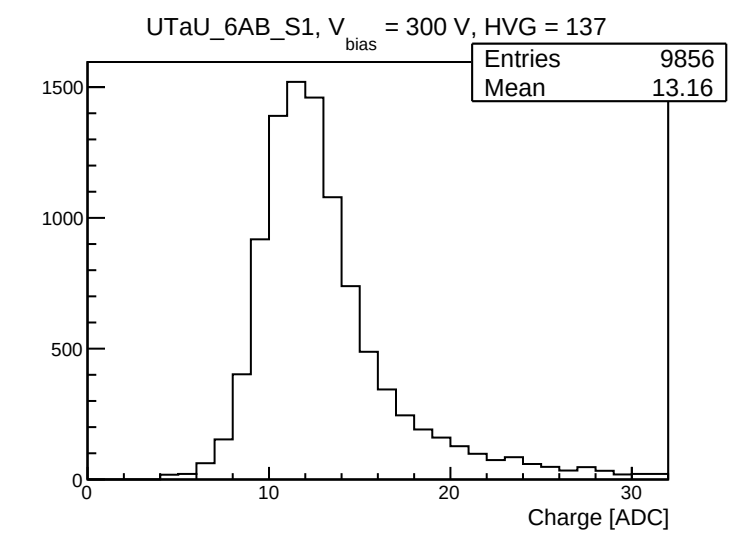

UTaU_4AB_S2, V bias = 300 V, HVG = 136
Entries 26759
Mean 14.18
Charge [ADC]

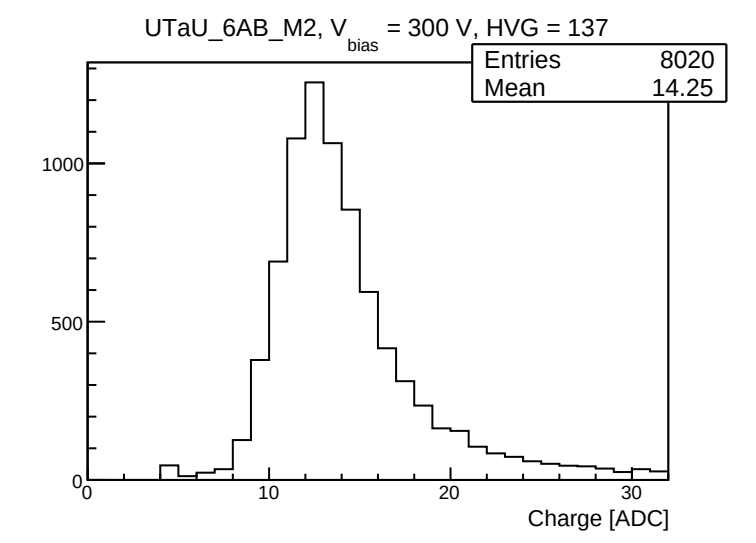

UTaU_4AB_S1, V bias = 300 V, HVG = 136
Entries 64783
Mean 13.34
Charge [ADC]

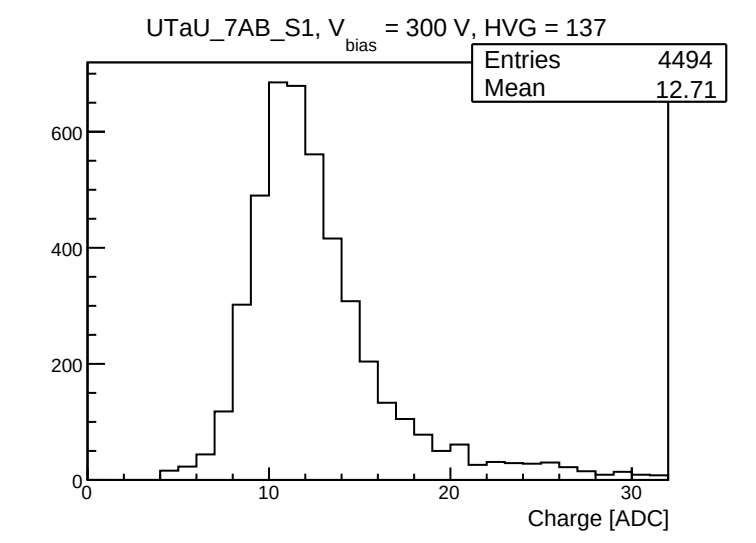

UTaU_4AB_M2, V bias = 300 V, HVG = 136
Entries 44469
Mean 13.73
Charge [ADC]

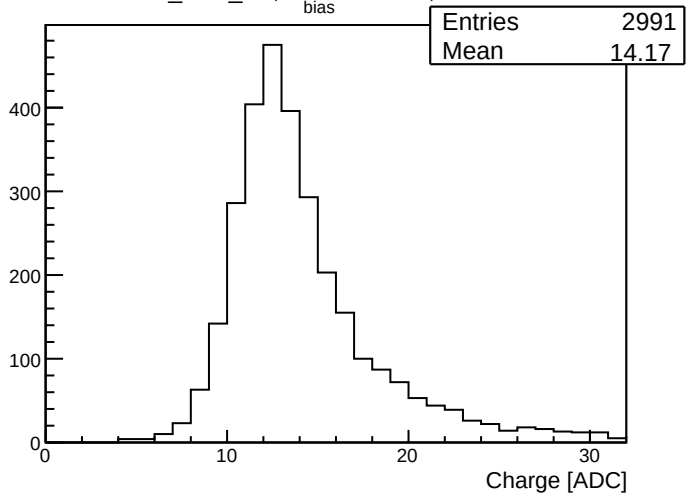

UTaU_5AB_S1, V bias = 300 V, HVG = 136
Entries 24271
Mean 13.27
Charge [ADC]

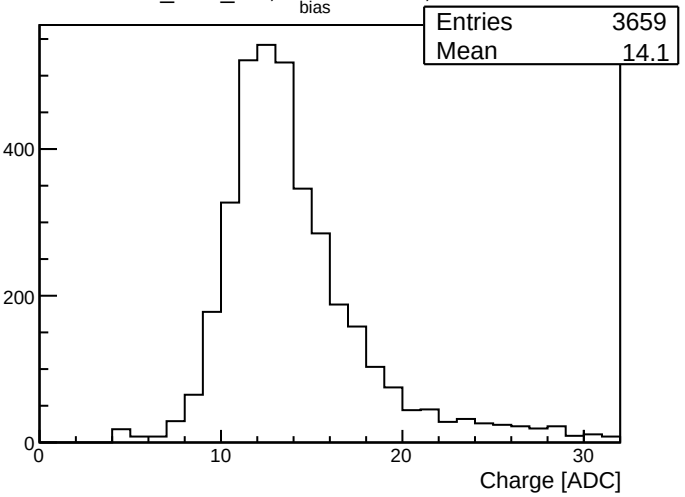

UTaU_5AB_M2, V bias = 300 V, HVG = 137
Entries 19267
Mean 14.06
3000
2000
1000
0
0
10
20
30
Charge [ADC]

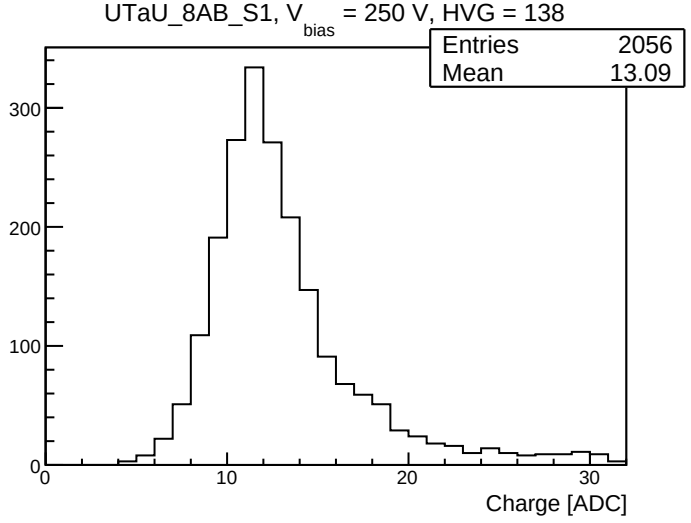

UTaU_6AB_S1, V bias = 300 V, HVG = 137
Entries 9856
Mean 13.16
1500
1000
500
0
0
10
20
30
Charge [ADC]

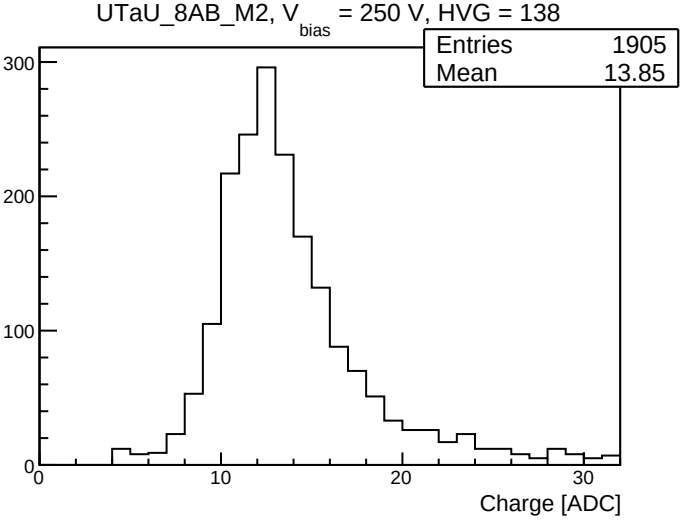

UTaU_6AB_M2, V bias = 300 V, HVG = 137
Entries 8020
Mean 14.25
1000
500
0
0
10
20
30
Charge [ADC]

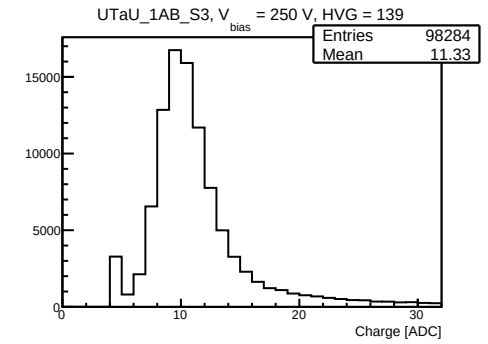

UTaU_7AB_S1, V bias = 300 V, HVG = 137
Entries 4494
Mean 12.71
600
400
200
0
0
10
20
30
Charge [ADC]

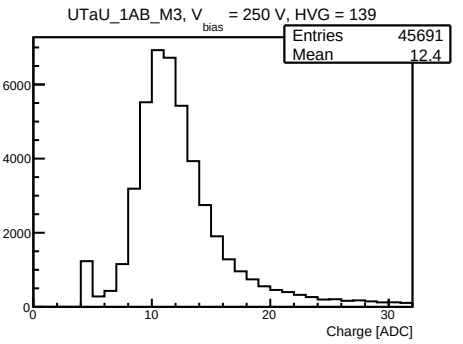

UTaU_7AB_S2, V bias = 250 V, HVG = 138
Entries 2991
Mean 14.17
Charge [ADC]

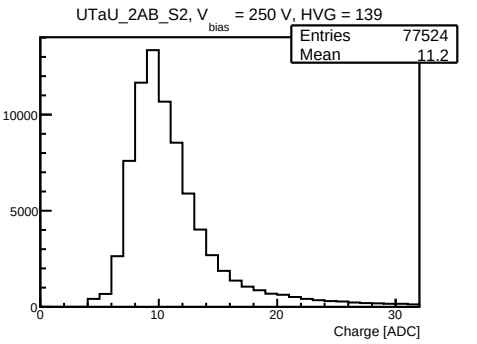

UTaU_7AB_M2, V bias = 250 V, HVG = 138
Entries 3659
Mean 14.1
Charge [ADC]

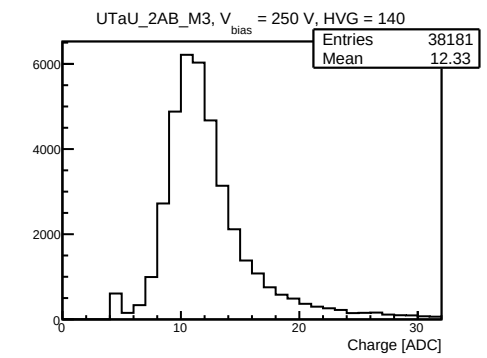

UTaU_8AB_S1, V bias = 250 V, HVG = 138
Entries 2056
Mean 13.09
Charge [ADC]

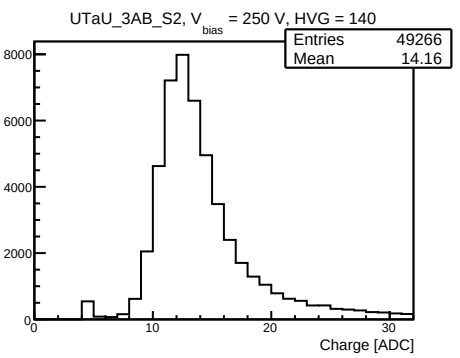

UTaU_8AB_M2, V bias = 250 V, HVG = 138
Entries 1905
Mean 13.85
Charge [ADC]

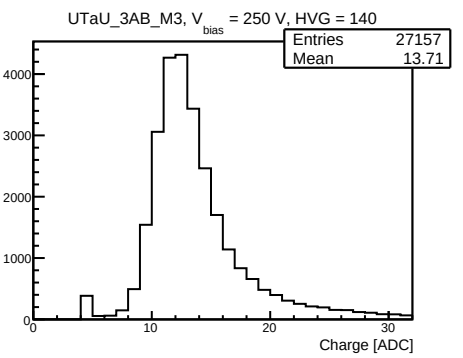

UTaU_1AB_S3, V bias = 250 V, HVG = 139
Entries 98284
Mean 11.33
15000
10000
5000
0
0
10
20
30
Charge [ADC]

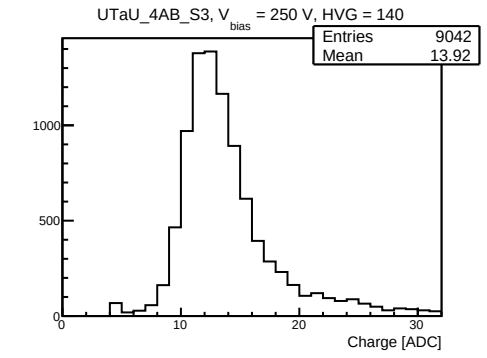

UTaU_1AB_M3, V bias = 250 V, HVG = 139
Entries 45691
Mean 12.4
6000
4000
2000
0
0
10
20
30
Charge [ADC]

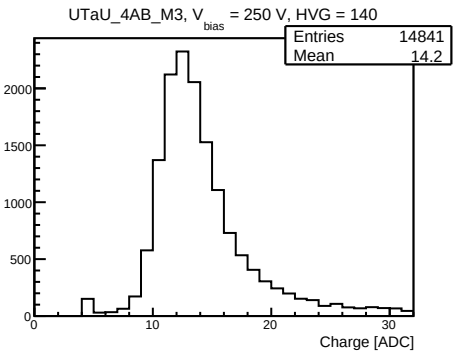

UTaU_2AB_S2, V bias = 250 V, HVG = 139
Entries 77524
Mean 11.2
10000
5000
0
0
10
20
30
Charge [ADC]

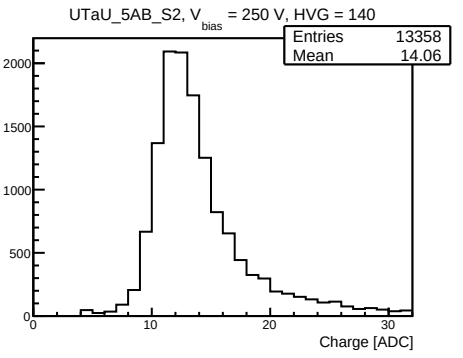

UTaU_2AB_M3, V bias = 250 V, HVG = 140
Entries 38181
Mean 12.33
Charge [ADC]

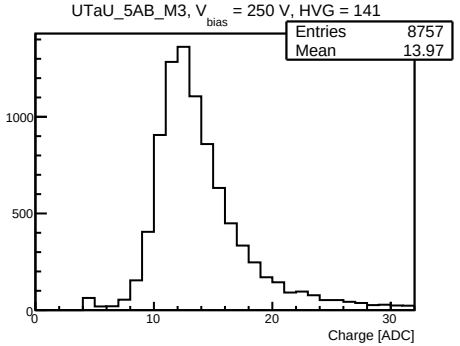

UTaU_3AB_S2, V bias = 250 V, HVG = 140
Entries 49266
Mean 14.16
Charge [ADC]

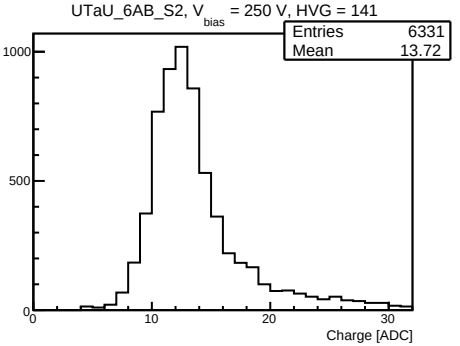

UTaU_3AB_M3, V bias = 250 V, HVG = 140
Entries 27157
Mean 13.71
Charge [ADC]

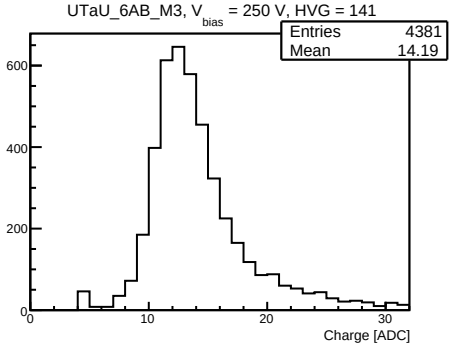

UTaU_4AB_S3, V bias = 250 V, HVG = 140
Entries 9042
Mean 13.92
Charge [ADC]

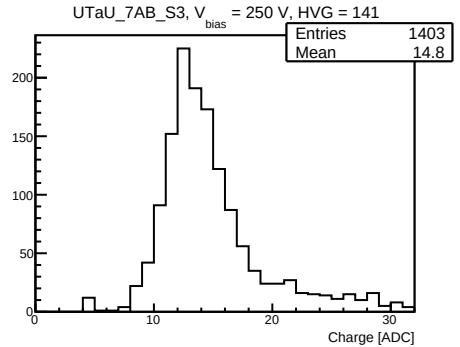

UTaU_4AB_M3, V bias = 250 V, HVG = 140
Entries 14841
Mean 14.2
Charge [ADC]

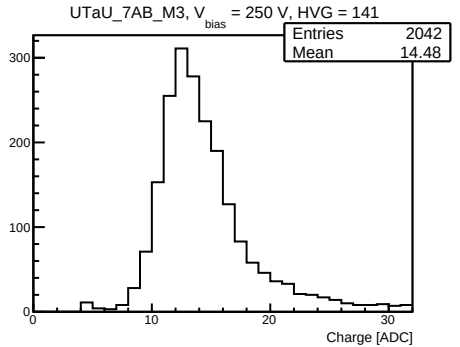

UTaU_5AB_S2, V bias = 250 V, HVG = 140
Entries 13358
Mean 14.06
Charge [ADC]

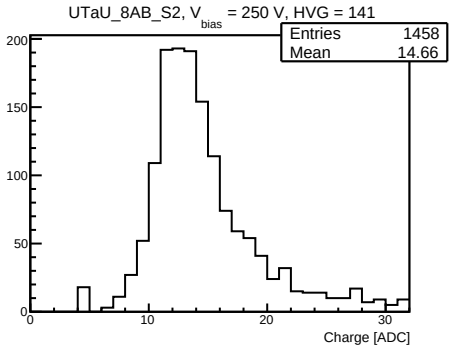

UTaU_5AB_M3, V bias = 250 V, HVG = 141
Entries 8757
Mean 13.97
Charge [ADC]

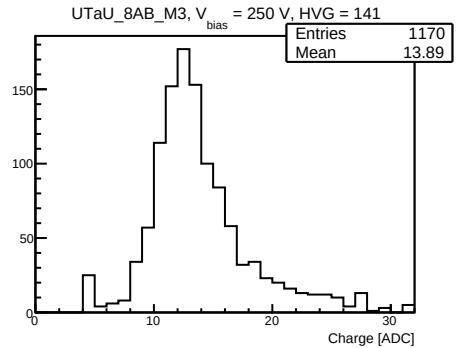

UTaU_6AB_S2, V bias = 250 V, HVG = 141
Entries 6331
Mean 13.72
Charge [ADC]

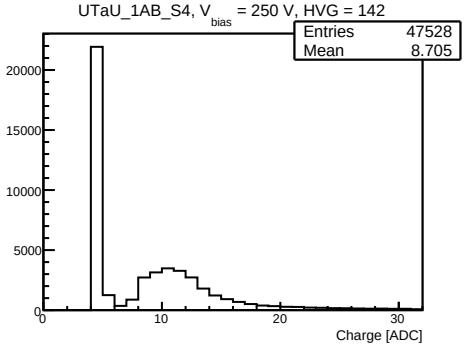

UTaU_6AB_M3, V bias = 250 V, HVG = 141
Entries 4381
Mean 14.19
Charge [ADC]

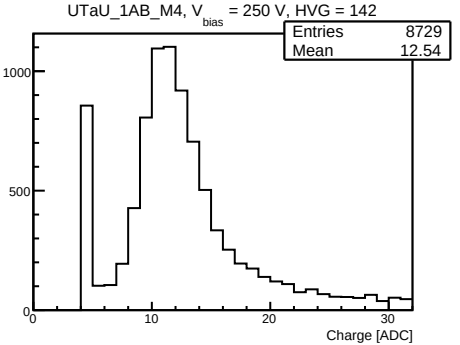

UTaU_7AB_S3, V bias = 250 V, HVG = 141
Entries 1403
Mean 14.8
Charge [ADC]

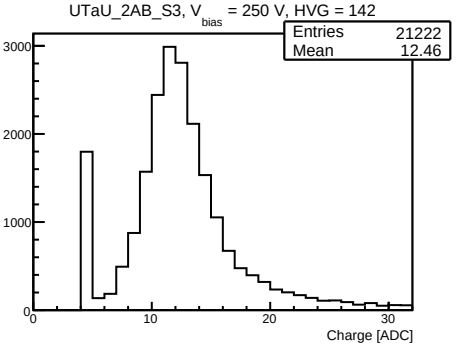

UTaU_7AB_M3, V bias = 250 V, HVG = 141
Entries 2042
Mean 14.48
Charge [ADC]

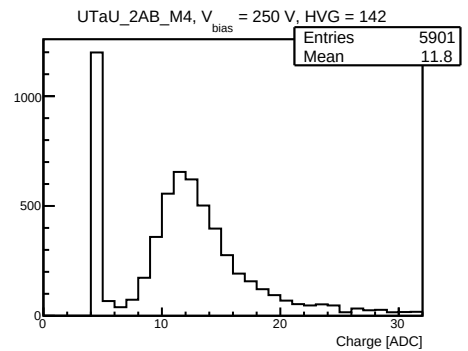

UTaU_8AB_S2, V bias = 250 V, HVG = 141
Entries 1458
Mean 14.66
Charge [ADC]

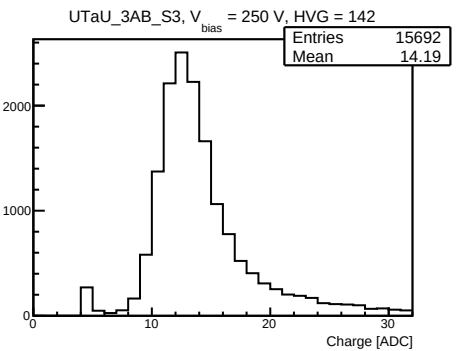

UTaU_8AB_M3, V bias = 250 V, HVG = 141
Entries 1170
Mean 13.89
Charge [ADC]

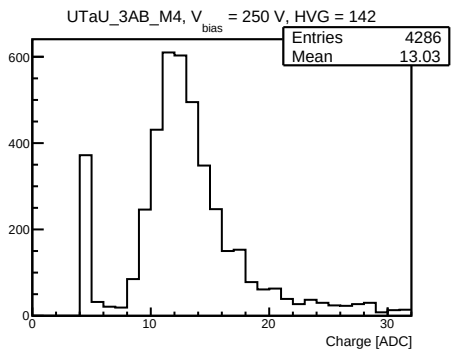

UTaU_1AB_S4, V bias = 250 V, HVG = 142
Entries 47528
Mean 8.705
Charge [ADC]

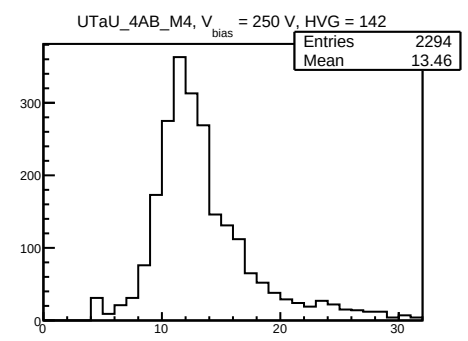

UTaU_1AB_M4, V bias = 250 V, HVG = 142
Entries 8729
Mean 12.54
Charge [ADC]

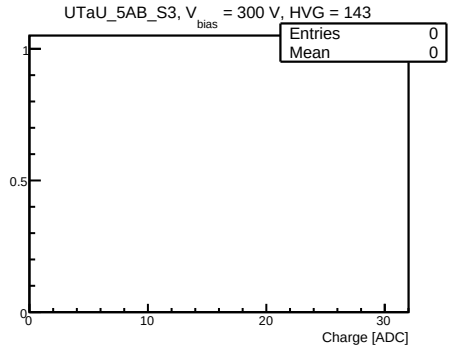

UTaU_2AB_S3, V bias = 250 V, HVG = 142
Entries 21222
Mean 12.46
Charge [ADC]

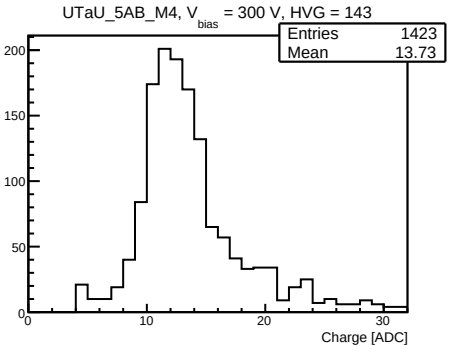

UTaU_2AB_M4, V bias = 250 V, HVG = 142
Entries 5901
Mean 11.8
Charge [ADC]

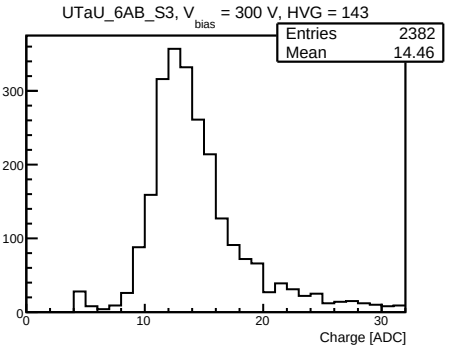

UTaU_3AB_S3, V bias = 250 V, HVG = 142
Entries 15692
Mean 14.19
Charge [ADC]

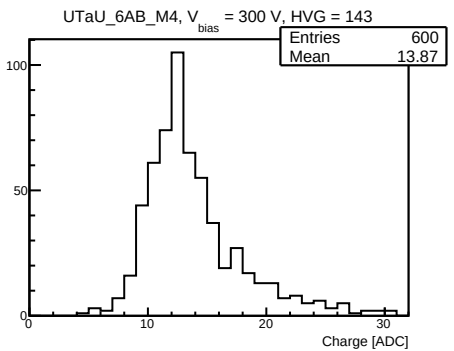

UTaU_3AB_M4, V bias = 250 V, HVG = 142
Entries 4286
Mean 13.03
Charge [ADC]

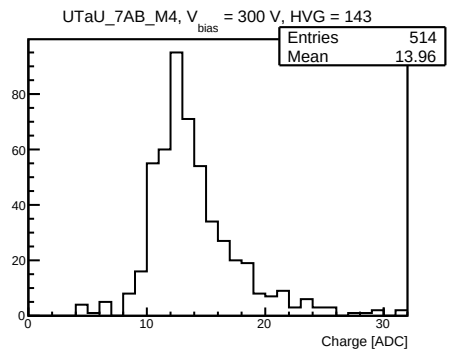

UTaU_4AB_M4, V bias = 250 V, HVG = 142
Entries 2294
Mean 13.46
Charge [ADC]

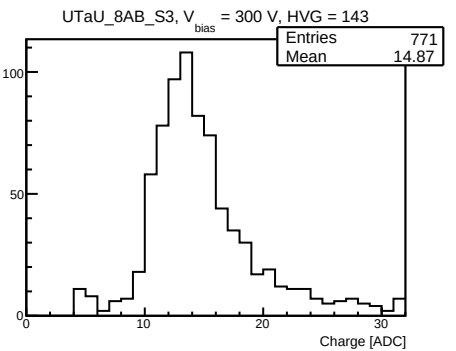

UTaU_5AB_S3, V bias = 300 V, HVG = 143
Entries 0
Mean 0
Charge [ADC]

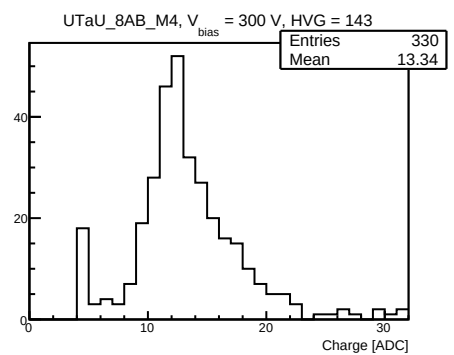

UTaU_5AB_M4, V bias = 300 V, HVG = 143
Entries 1423
Mean 13.73
Charge [ADC]

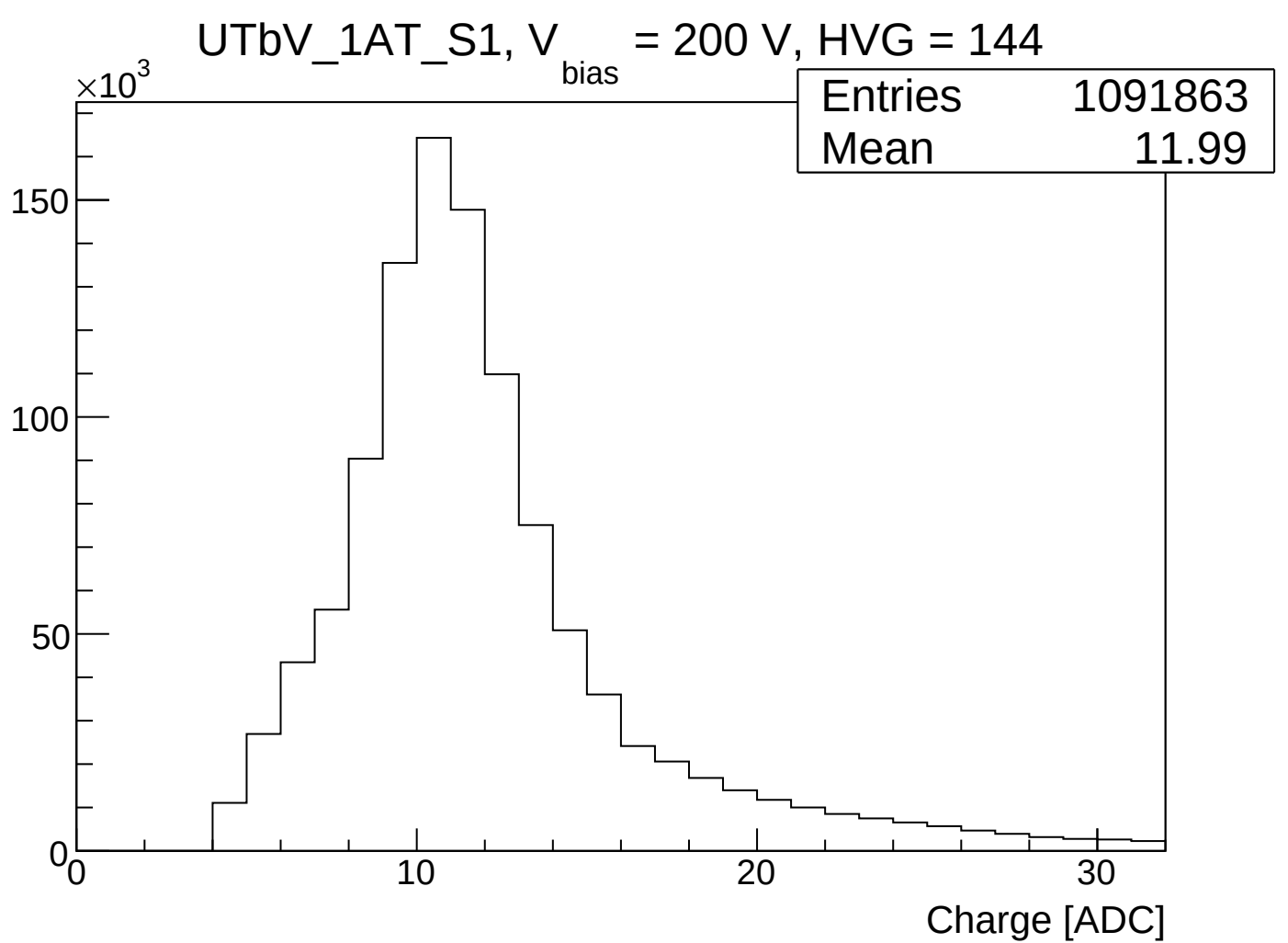

UTaU_6AB_S3, V bias = 300 V, HVG = 143
Entries 2382
Mean 14.46
Charge [ADC]

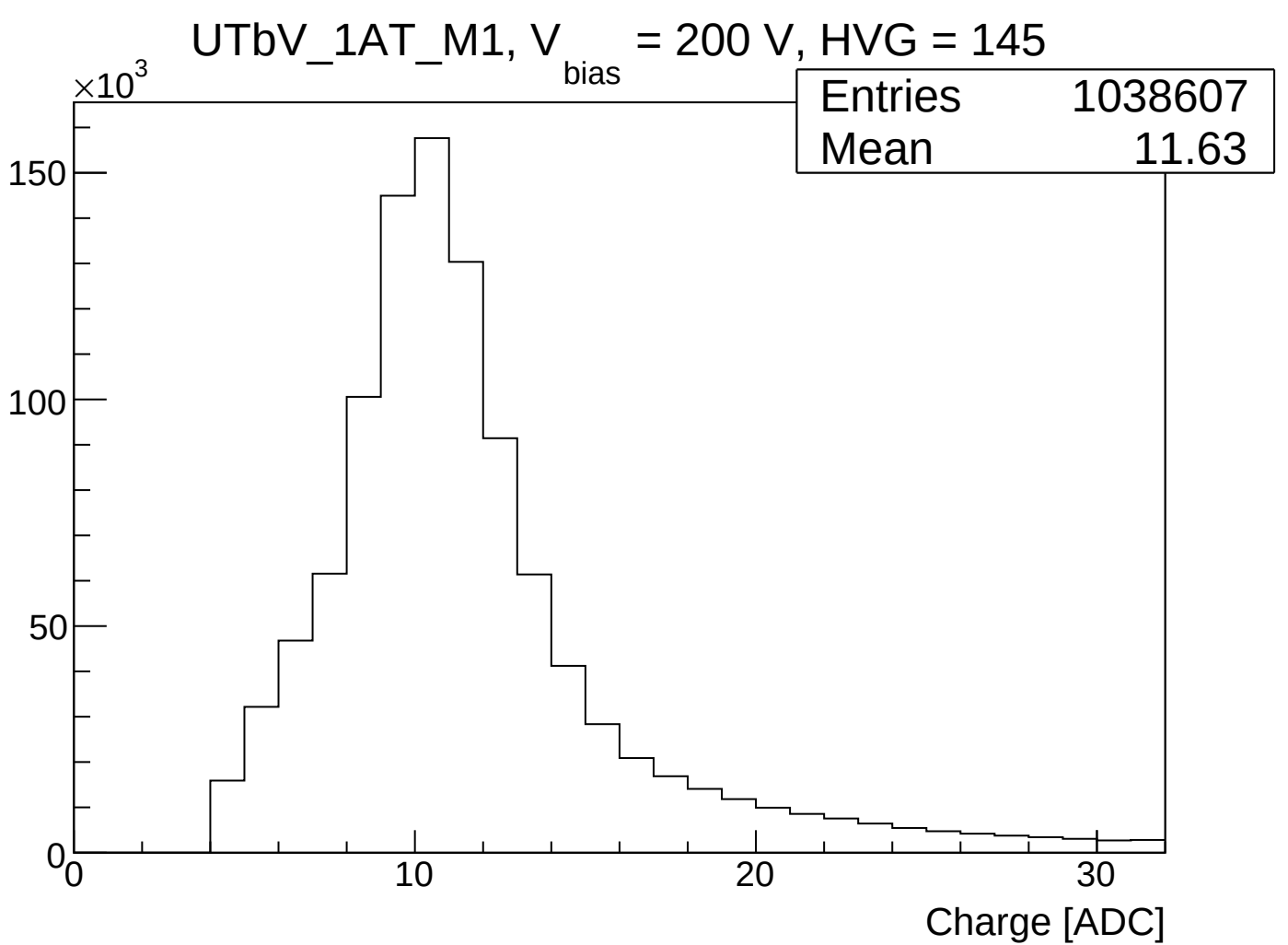

UTaU_6AB_M4, V bias = 300 V, HVG = 143
Entries 600
Mean 13.87
Charge [ADC]

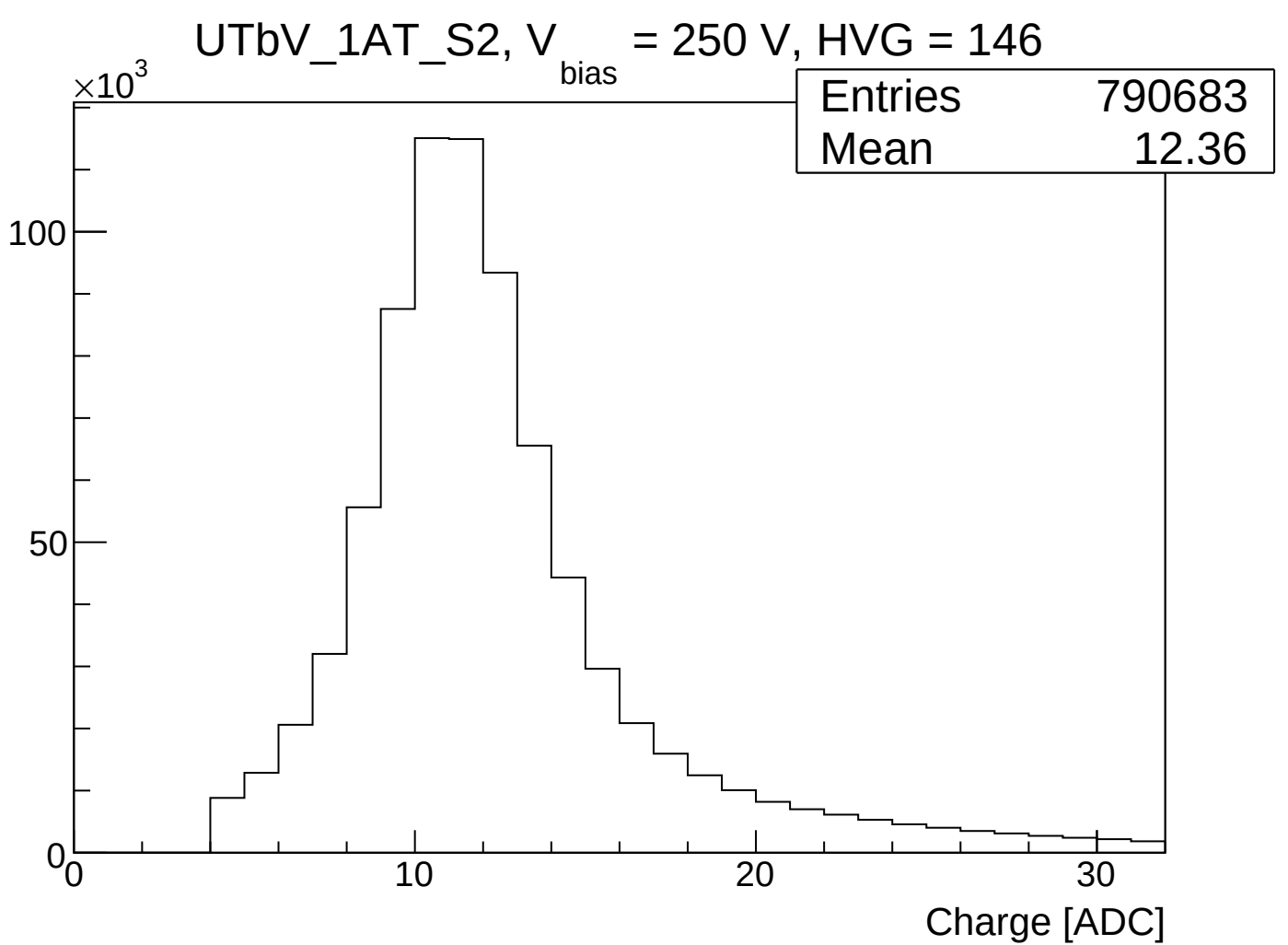

UTaU_7AB_M4, V bias = 300 V, HVG = 143
Entries 514
Mean 13.96
Charge [ADC]

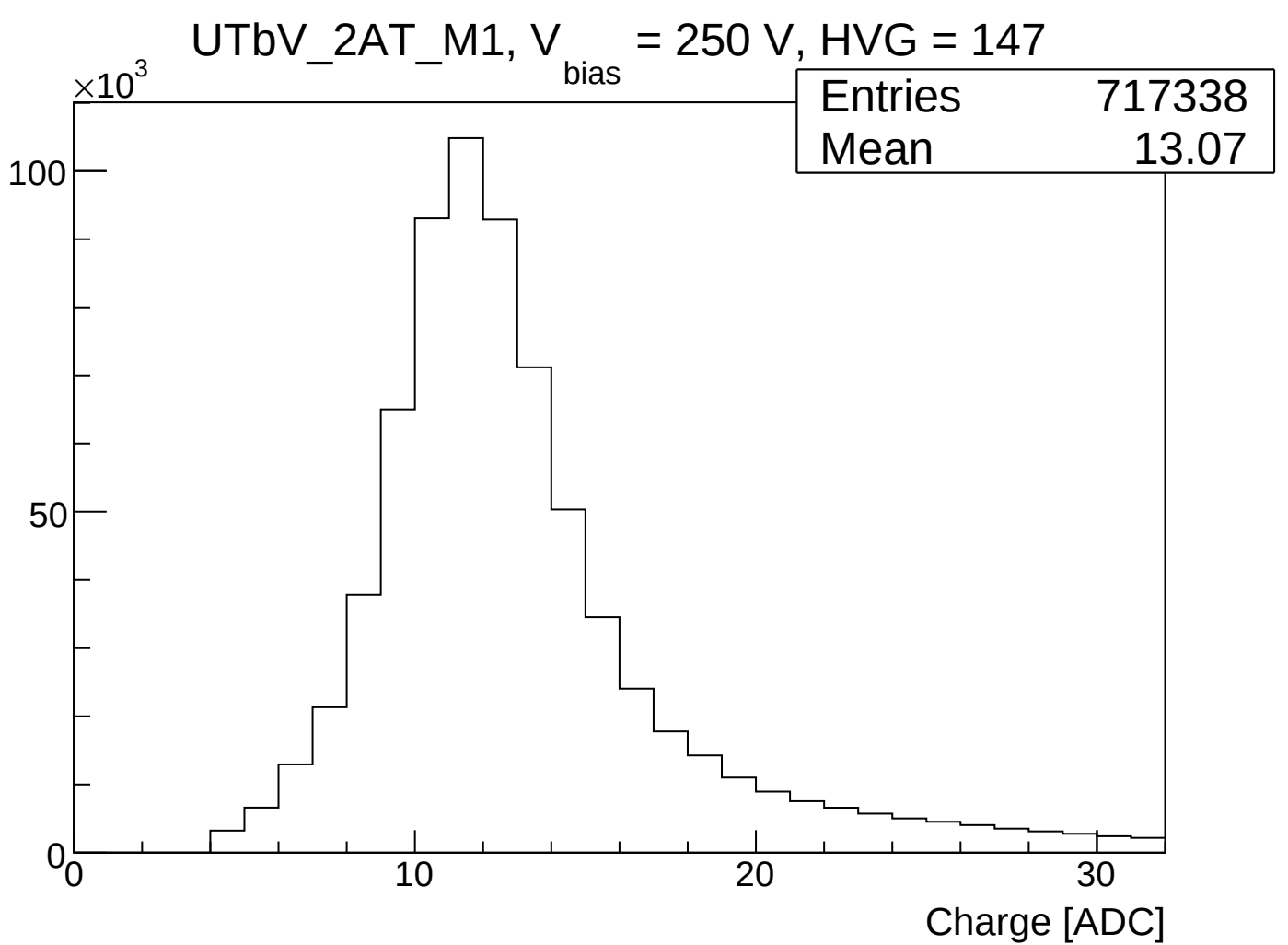

UTaU_8AB_S3, V bias = 300 V, HVG = 143
Entries 771
Mean 14.87
Charge [ADC]

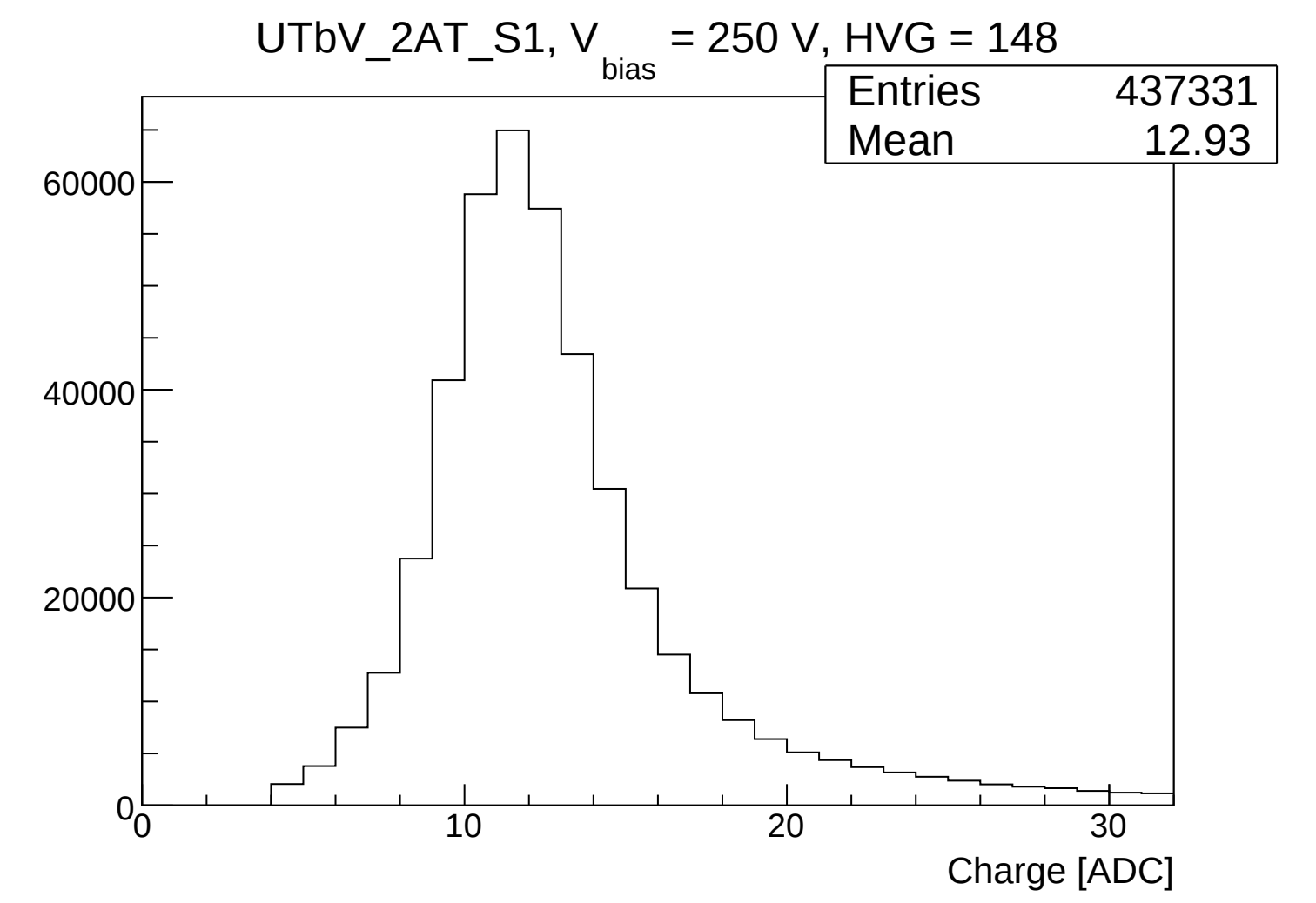

UTaU_8AB_M4, V bias = 300 V, HVG = 143
Entries 330
Mean 13.34
Charge [ADC]

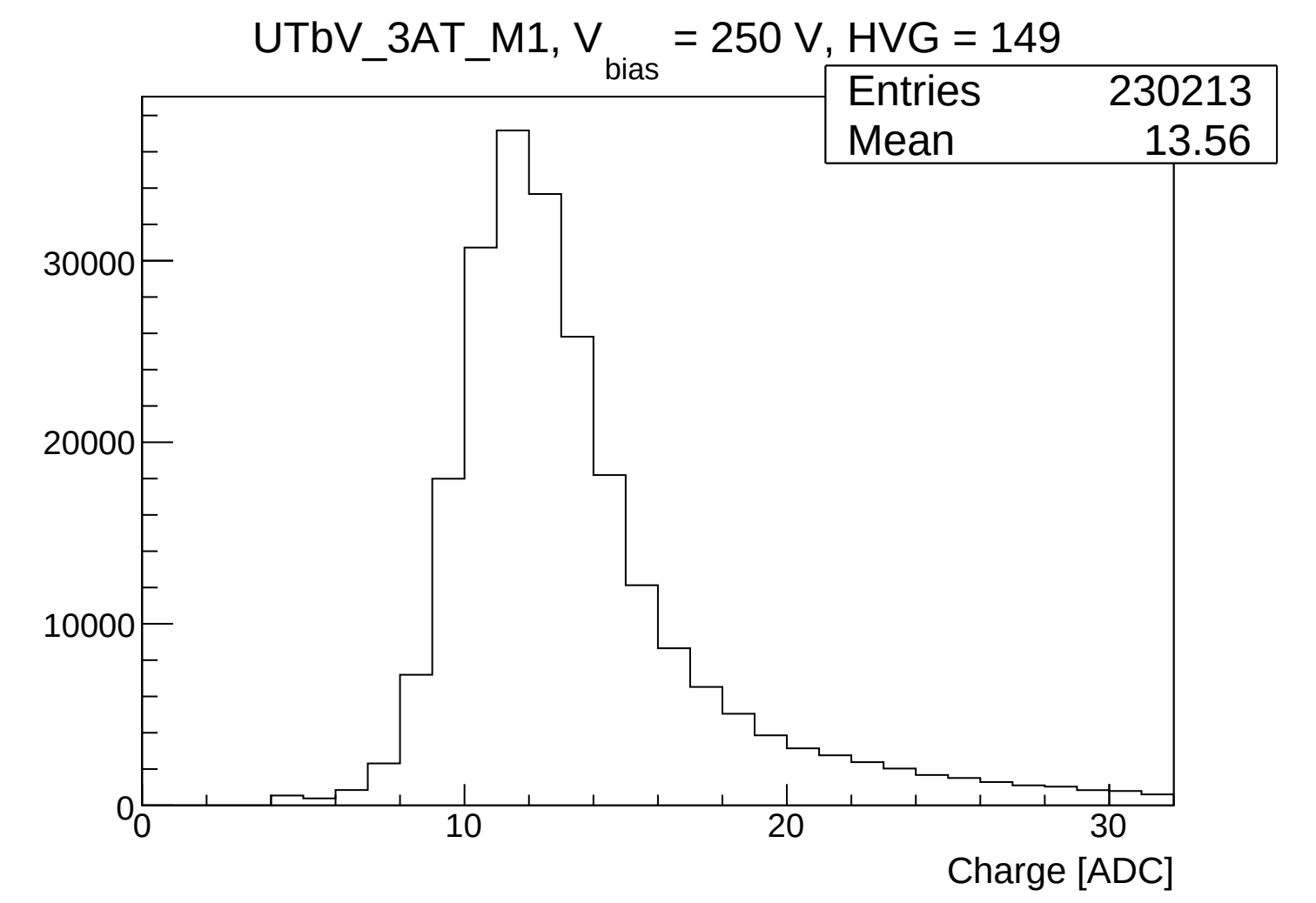

UTbV_1AT_S1, V bias = 200 V, HVG = 144
×10^3
Entries 1091863
Mean 11.99
150
100
50
0
0
10
20
30
Charge [ADC]

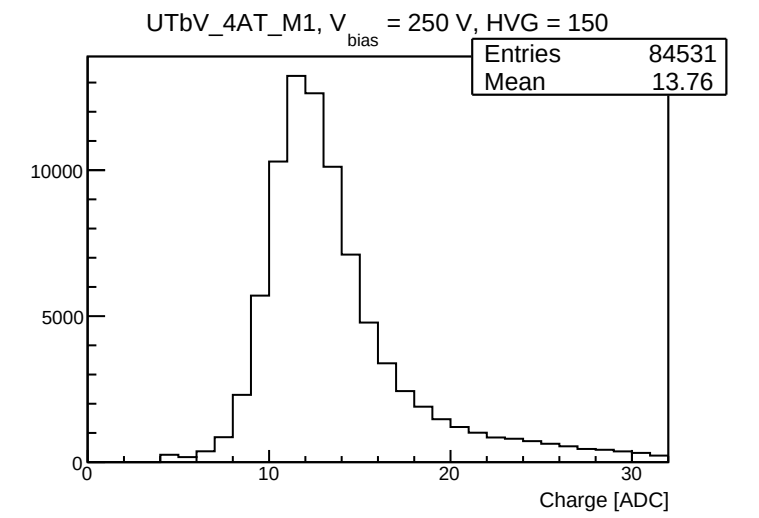

UTbV_1AT_M1, V bias = 200 V, HVG = 145
×10^3
Entries 1038607
Mean 11.63
150
100
50
0
0
10
20
30
Charge [ADC]

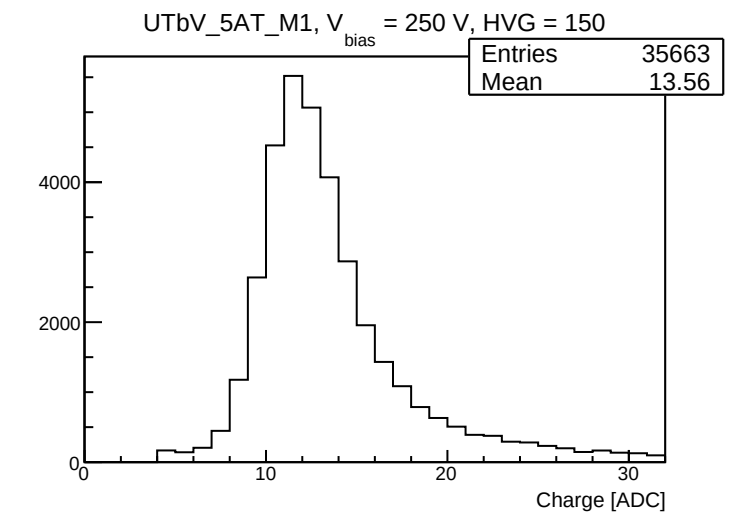

UTbV_1AT_S2, V bias = 250 V, HVG = 146
×10^3
Entries 790683
Mean 12.36
100
50
0
0
10
20
30
Charge [ADC]

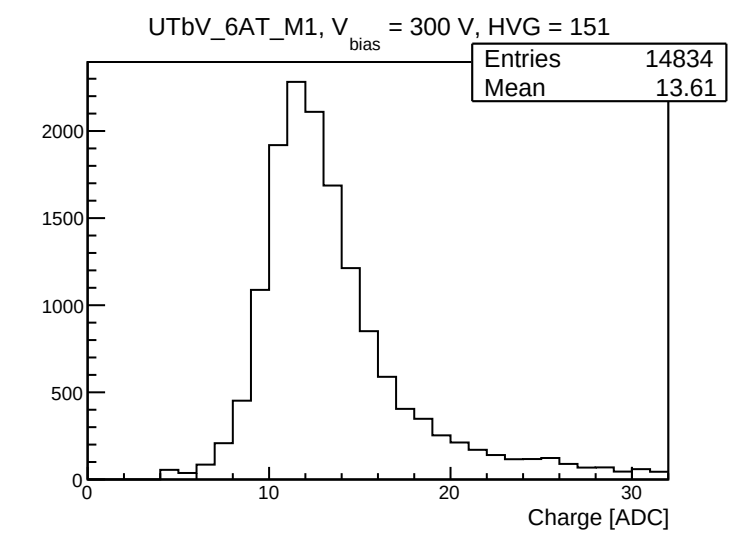

UTbV_2AT_M1, V bias = 250 V, HVG = 147
×10^3
Entries 717338
Mean 13.07
100
50
0
0
10
20
30
Charge [ADC]

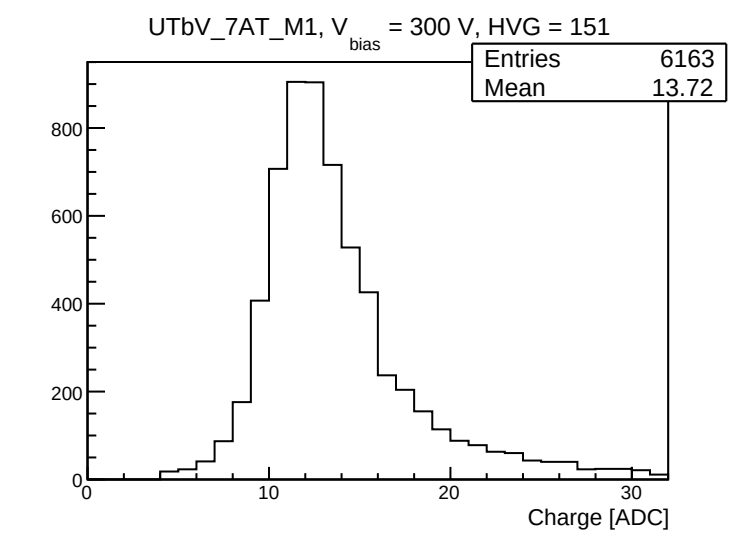

UTbV_2AT_S1, V bias = 250 V, HVG = 148
Entries 437331
Mean 12.93
60000
40000
20000
0
0
10
20
30
Charge [ADC]

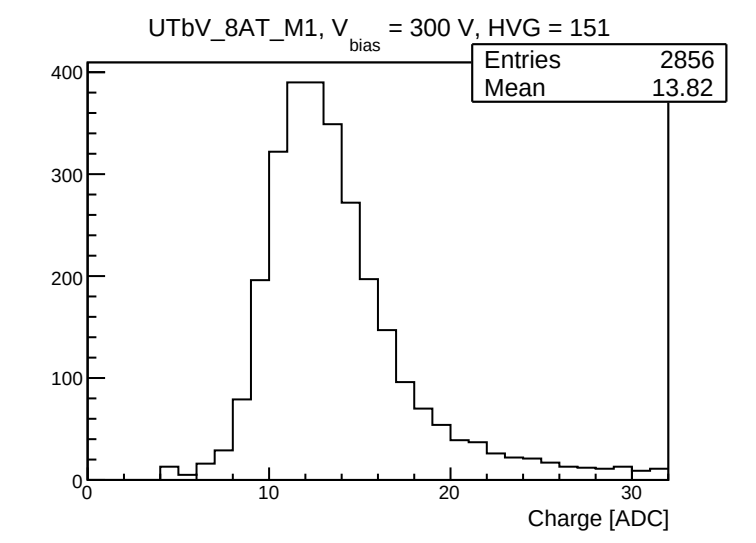

UTbV_3AT_M1, V bias = 250 V, HVG = 149
Entries 230213
Mean 13.56
30000
20000
10000
0
0
10
20
30
Charge [ADC]

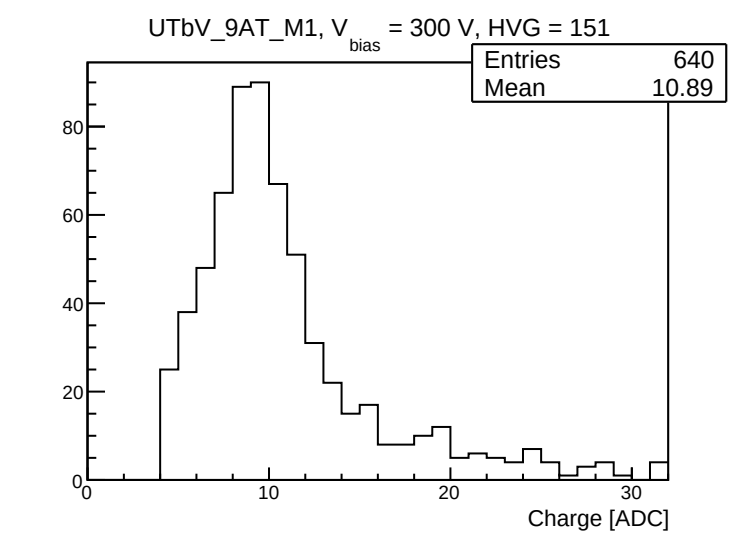

UTbV_4AT_M1, V bias = 250 V, HVG = 150
Entries 84531
Mean 13.76
10000
5000
0
0
10
20
30
Charge [ADC]

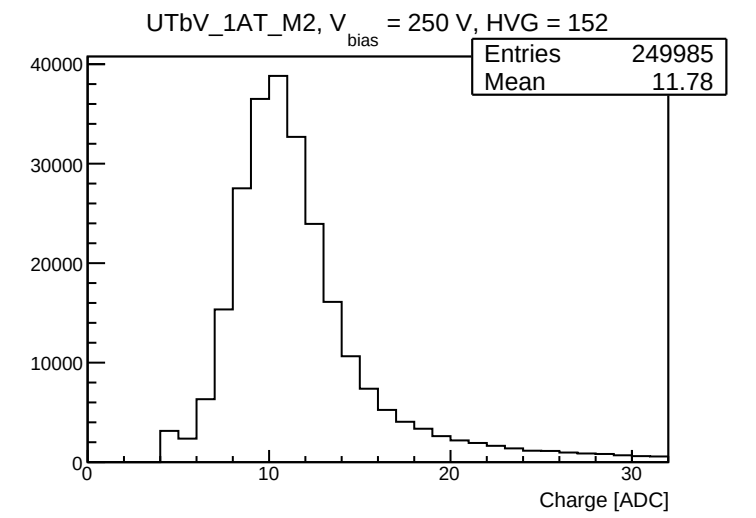

UTbV_5AT_M1, V bias = 250 V, HVG = 150
Entries 35663
Mean 13.56
4000
2000
0
0
10
20
30
Charge [ADC]

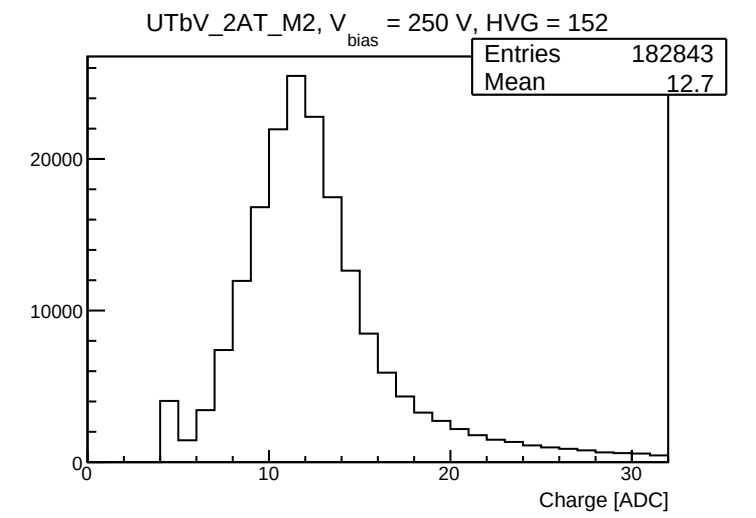

UTbV_6AT_M1, V bias = 300 V, HVG = 151
Entries 14834
Mean 13.61
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

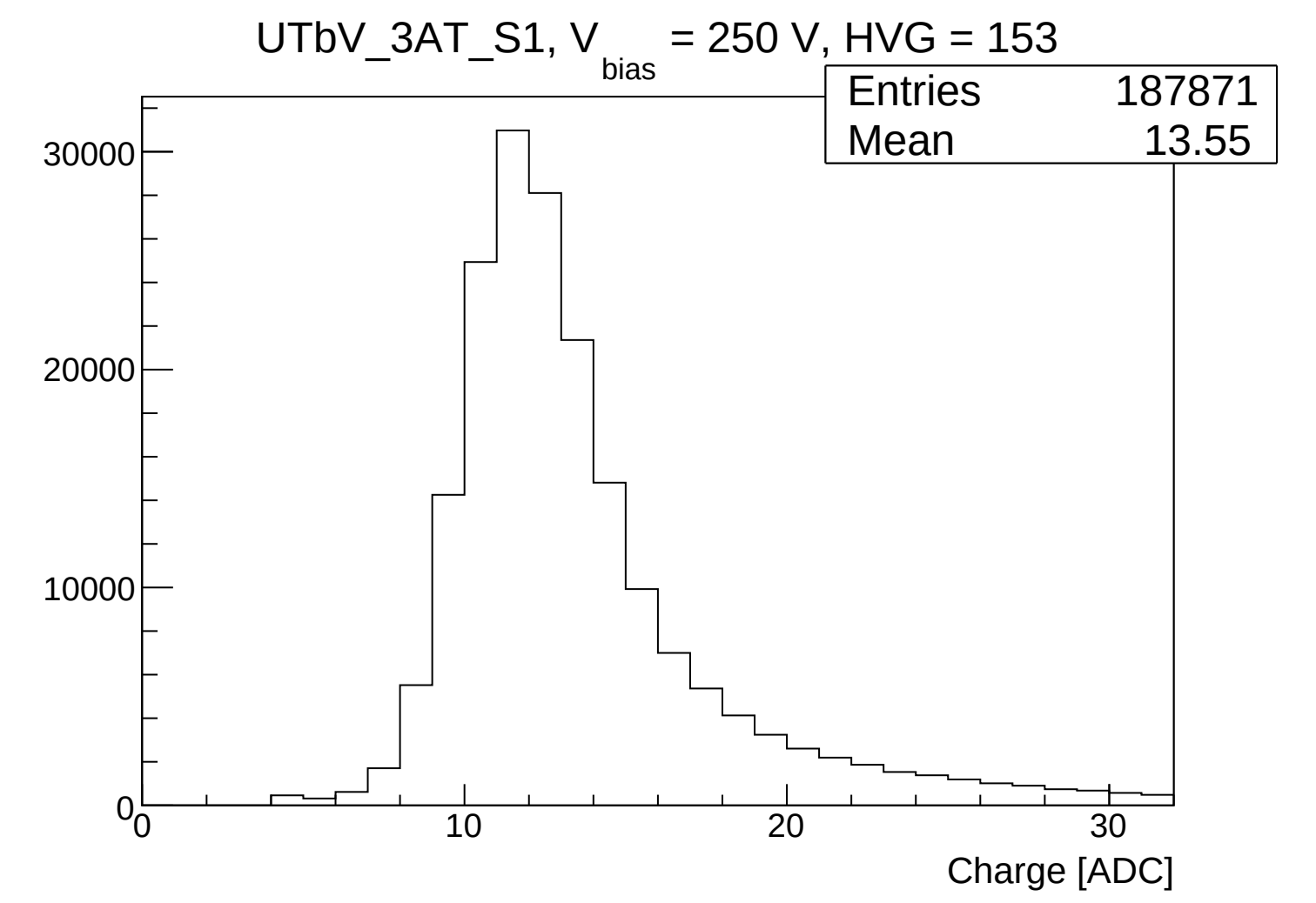

UTbV_7AT_M1, V bias = 300 V, HVG = 151
Entries 6163
Mean 13.72
800
600
400
200
0
0
10
20
30
Charge [ADC]

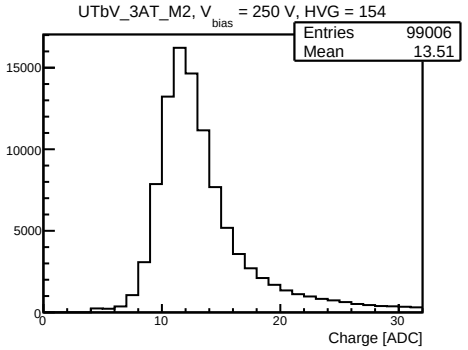

UTbV_8AT_M1, V bias = 300 V, HVG = 151
Entries 2856
Mean 13.82
400
300
200
100
0
0
10
20
30
Charge [ADC]

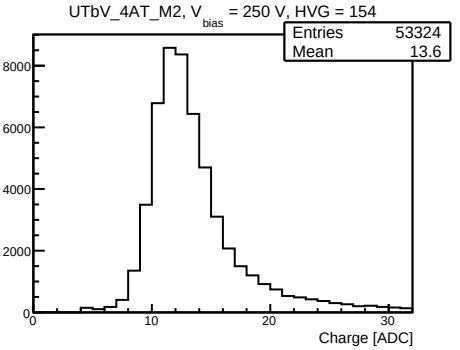

UTbV_9AT_M1, V bias = 300 V, HVG = 151
Entries 640
Mean 10.89
80
60
40
20
0
0
10
20
30
Charge [ADC]

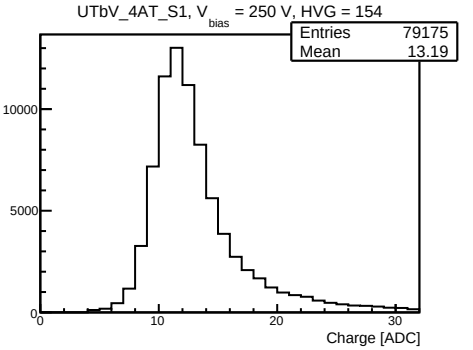

UTbV_1AT_M2, V bias = 250 V, HVG = 152
Entries 249985
Mean 11.78
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

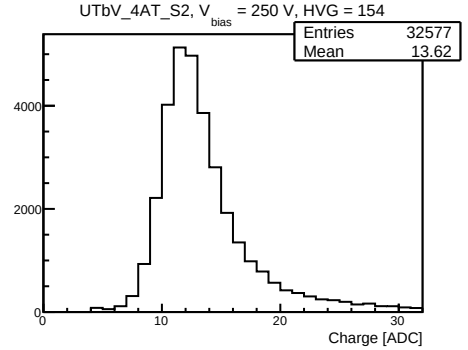

UTbV_2AT_M2, V bias = 250 V, HVG = 152
Entries 182843
Mean 12.7
20000
10000
0
0
10
20
30
Charge [ADC]

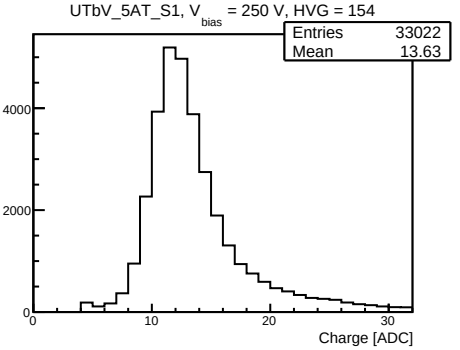

UTbV_3AT_S1, V bias = 250 V, HVG = 153
Entries 187871
Mean 13.55
30000
20000
10000
0
0
10
20
30
Charge [ADC]

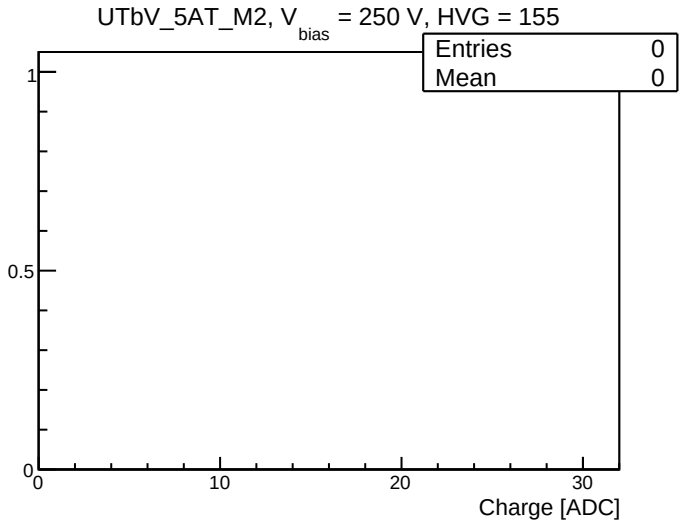

UTbV_3AT_M2, V bias = 250 V, HVG = 154
Entries 99006
Mean 13.51
Charge [ADC]

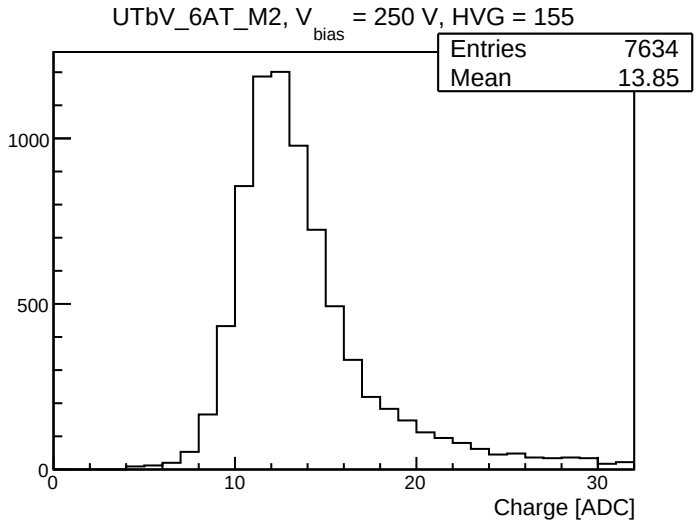

UTbV_4AT_M2, V bias = 250 V, HVG = 154
Entries 53324
Mean 13.6
Charge [ADC]

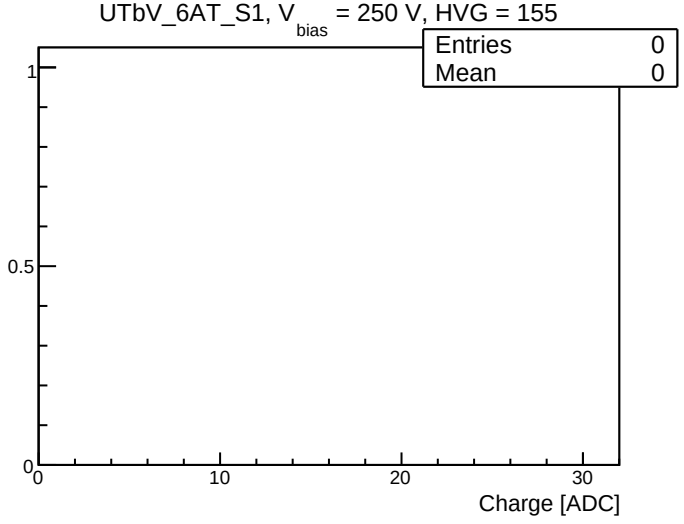

UTbV_4AT_S1, V bias = 250 V, HVG = 154
Entries 79175
Mean 13.19
Charge [ADC]

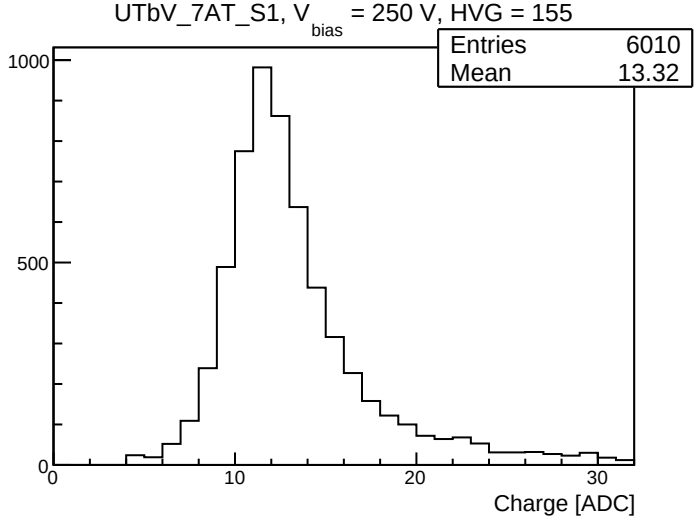

UTbV_4AT_S2, V bias = 250 V, HVG = 154
Entries 32577
Mean 13.62
Charge [ADC]

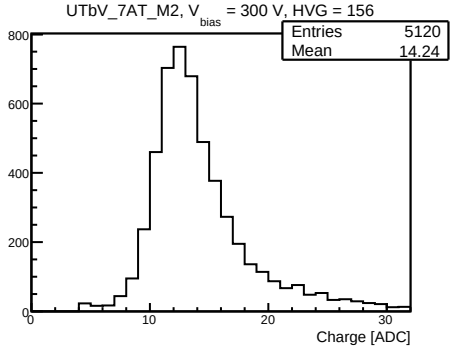

UTbV_5AT_S1, V bias = 250 V, HVG = 154
Entries 33022
Mean 13.63
Charge [ADC]

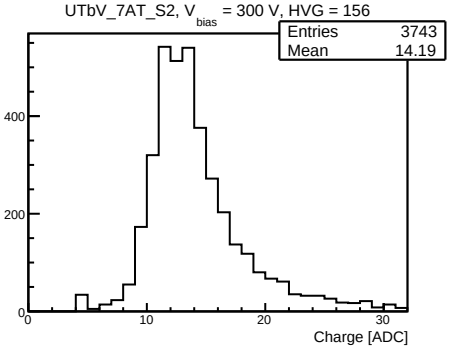

UTbV_5AT_M2, V bias = 250 V, HVG = 155
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

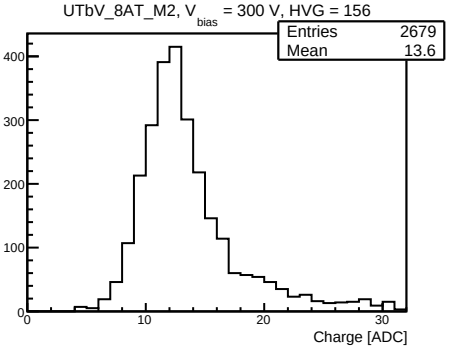

UTbV_6AT_M2, V bias = 250 V, HVG = 155
Entries 7634
Mean 13.85
1000
500
0
0
10
20
30
Charge [ADC]

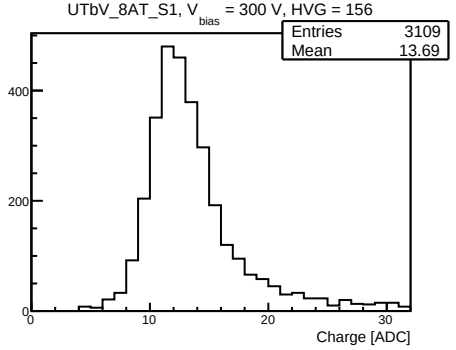

UTbV_6AT_S1, V bias = 250 V, HVG = 155
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

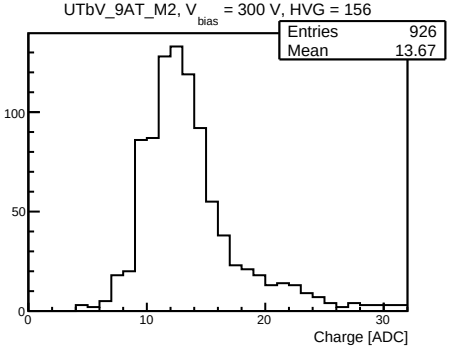

UTbV_7AT_S1, V bias = 250 V, HVG = 155
Entries 6010
Mean 13.32
1000
500
0
0
10
20
30
Charge [ADC]

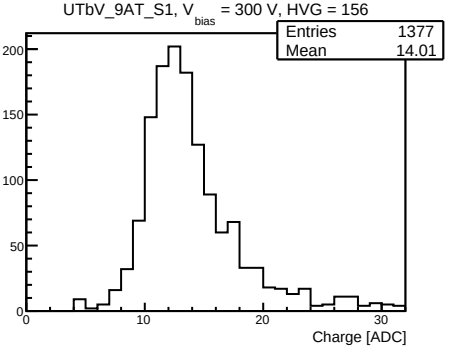

UTbV_7AT_M2, V bias = 300 V, HVG = 156
Entries 5120
Mean 14.24
Charge [ADC]

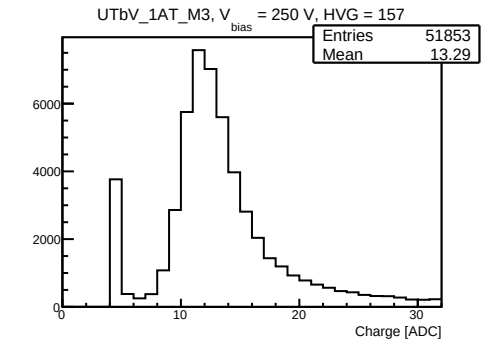

UTbV_7AT_S2, V bias = 300 V, HVG = 156
Entries 3743
Mean 14.19
Charge [ADC]

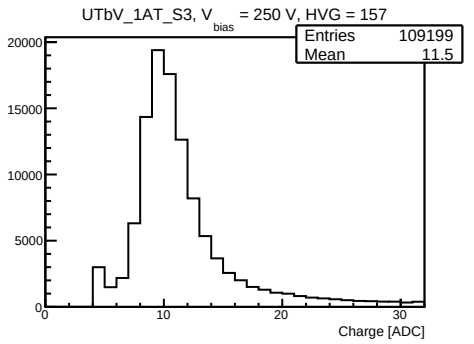

UTbV_8AT_M2, V bias = 300 V, HVG = 156
Entries 2679
Mean 13.6
Charge [ADC]

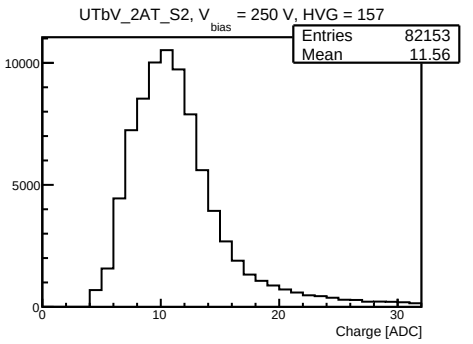

UTbV_8AT_S1, V bias = 300 V, HVG = 156
Entries 3109
Mean 13.69
Charge [ADC]

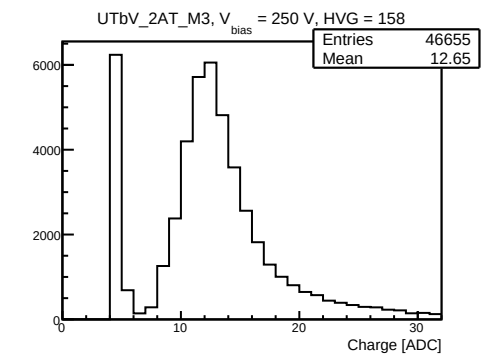

UTbV_9AT_M2, V bias = 300 V, HVG = 156
Entries 926
Mean 13.67
Charge [ADC]

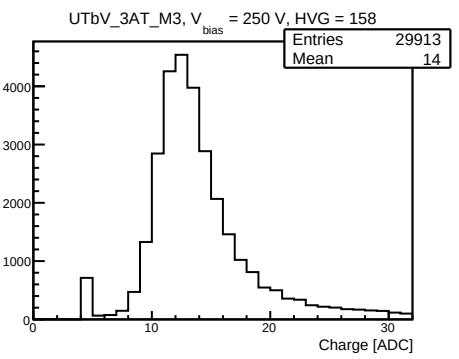

UTbV_9AT_S1, V bias = 300 V, HVG = 156
Entries 1377
Mean 14.01
Charge [ADC]

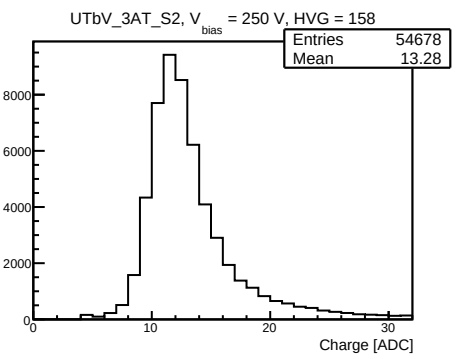

UTbV_1AT_M3, V bias = 250 V, HVG = 157
Entries 51853
Mean 13.29
6000
4000
2000
0
0
10
20
30
Charge [ADC]

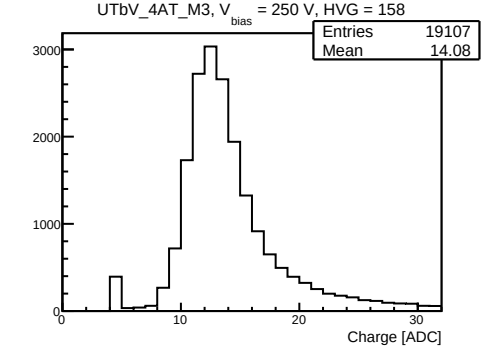

UTbV_1AT_S3, V bias = 250 V, HVG = 157
Entries 109199
Mean 11.5
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

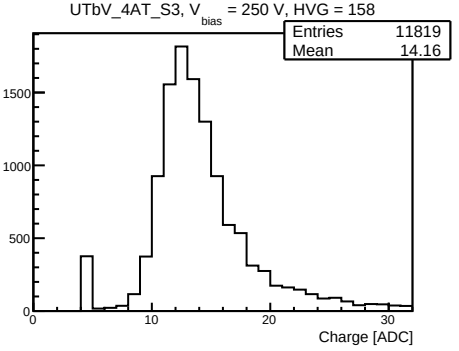

UTbV_2AT_S2, V bias = 250 V, HVG = 157
Entries 82153
Mean 11.56
10000
5000
0
0
10
20
30
Charge [ADC]

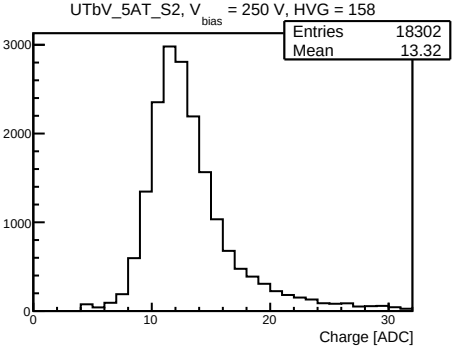

UTbV_2AT_M3, V bias = 250 V, HVG = 158
Entries 46655
Mean 12.65
Charge [ADC]

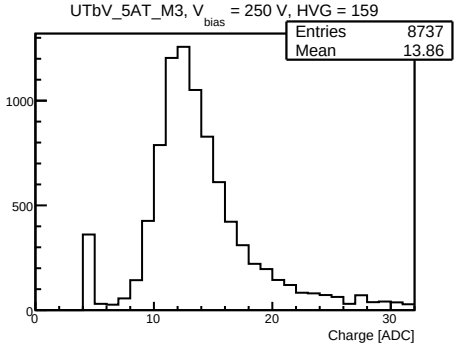

UTbV_3AT_M3, V bias = 250 V, HVG = 158
Entries 29913
Mean 14
Charge [ADC]

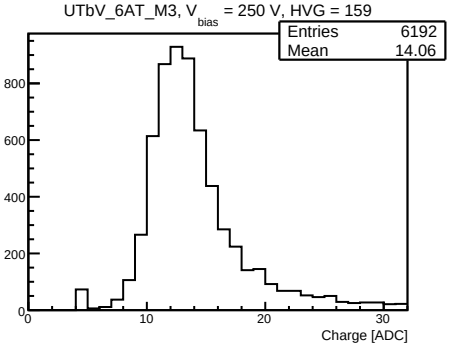

UTbV_3AT_S2, V bias = 250 V, HVG = 158
Entries 54678
Mean 13.28
Charge [ADC]

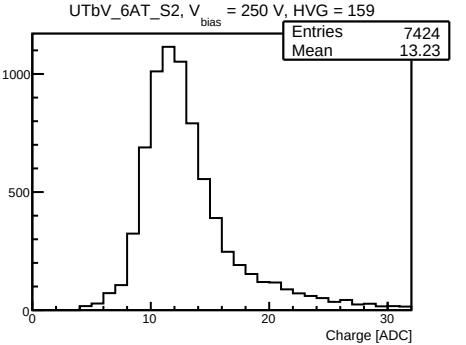

UTbV_4AT_M3, V bias = 250 V, HVG = 158
Entries 19107
Mean 14.08
Charge [ADC]

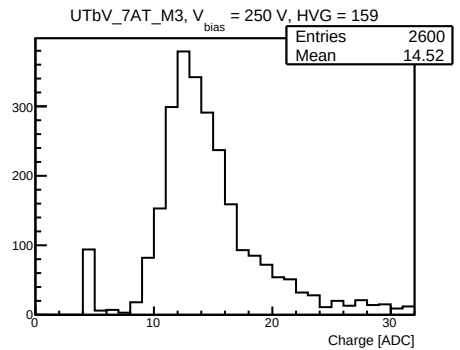

UTbV_4AT_S3, V bias = 250 V, HVG = 158
Entries 11819
Mean 14.16
Charge [ADC]

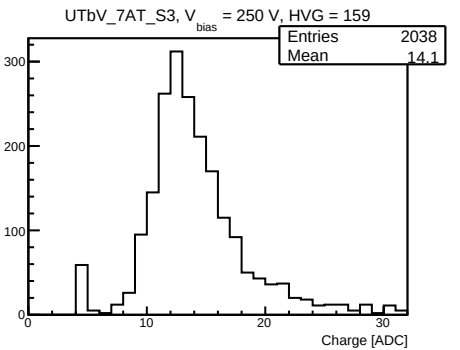

UTbV_5AT_S2, V bias = 250 V, HVG = 158
Entries 18302
Mean 13.32
Charge [ADC]

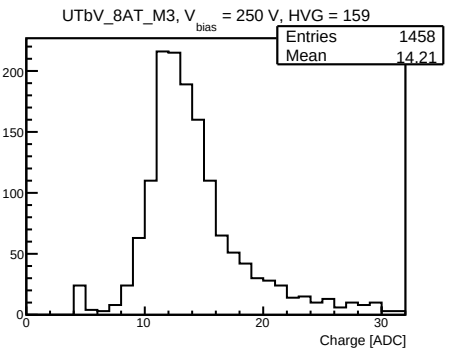

UTbV_5AT_M3, V bias = 250 V, HVG = 159
Entries 8737
Mean 13.86
Charge [ADC]

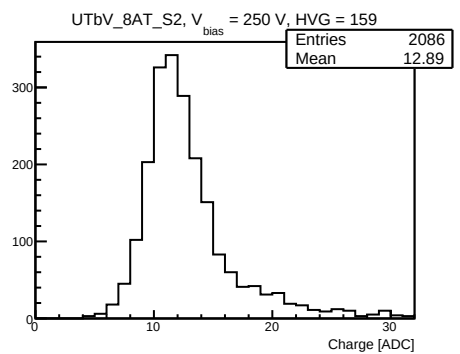

UTbV_6AT_M3, V bias = 250 V, HVG = 159
Entries 6192
Mean 14.06
Charge [ADC]

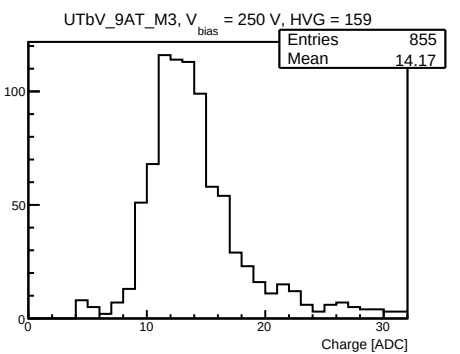

UTbV_6AT_S2, V bias = 250 V, HVG = 159
Entries 7424
Mean 13.23
Charge [ADC]

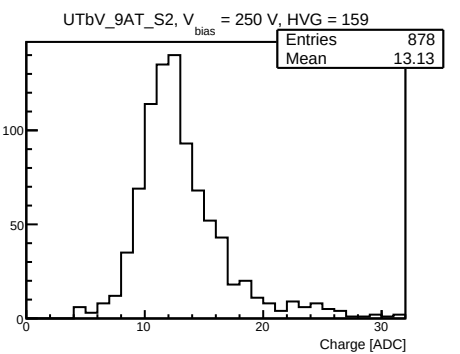

UTbV_7AT_M3, V bias = 250 V, HVG = 159
Entries 2600
Mean 14.52
Charge [ADC]

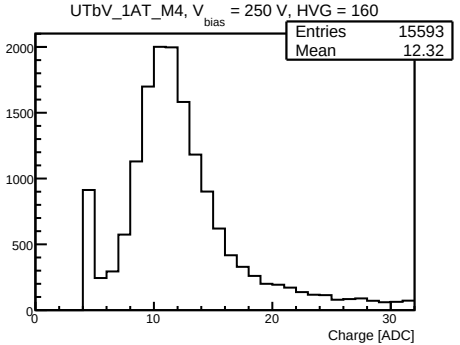

UTbV_7AT_S3, V bias = 250 V, HVG = 159
Entries 2038
Mean 14.1
Charge [ADC]

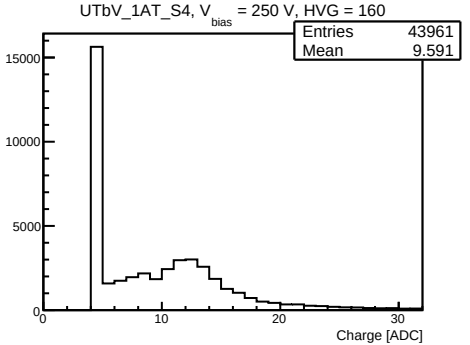

UTbV_8AT_M3, V bias = 250 V, HVG = 159
Entries 1458
Mean 14.21
Charge [ADC]

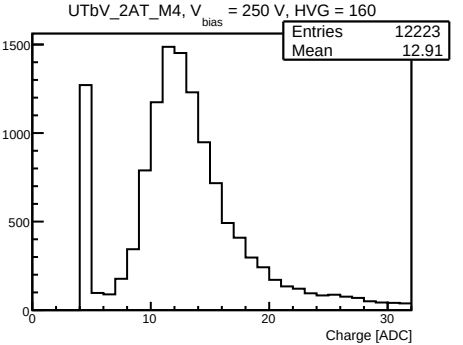

UTbV_8AT_S2, V bias = 250 V, HVG = 159
Entries 2086
Mean 12.89
Charge [ADC]

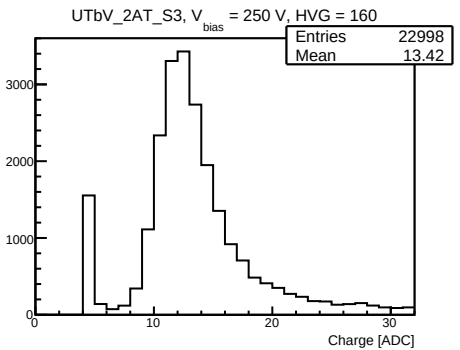

UTbV_9AT_M3, V bias = 250 V, HVG = 159
Entries 855
Mean 14.17
Charge [ADC]

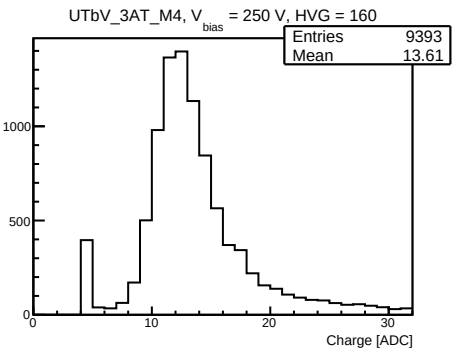

UTbV_9AT_S2, V bias = 250 V, HVG = 159
Entries 878
Mean 13.13
Charge [ADC]

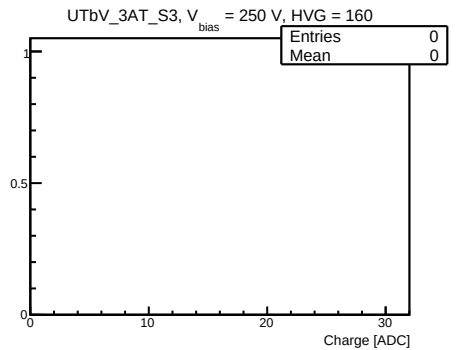

UTbV_1AT_M4, V bias = 250 V, HVG = 160
Entries 15593
Mean 12.32
Charge [ADC]

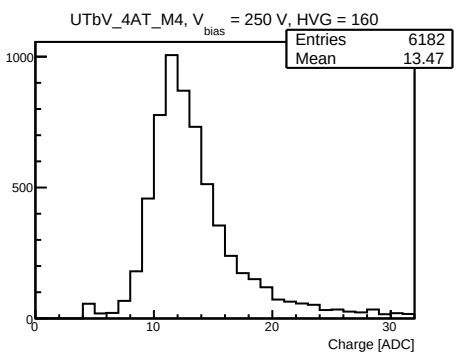

UTbV_1AT_S4, V bias = 250 V, HVG = 160
Entries 43961
Mean 9.591
Charge [ADC]

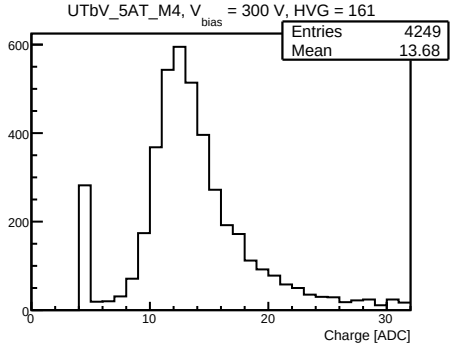

UTbV_2AT_M4, V bias = 250 V, HVG = 160
Entries 12223
Mean 12.91
Charge [ADC]

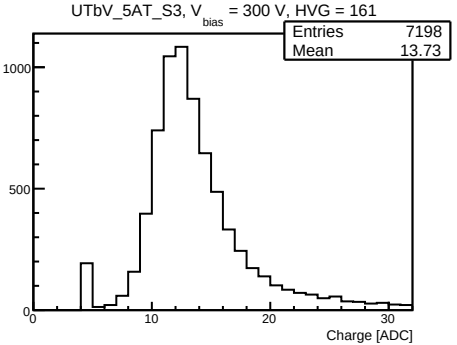

UTbV_2AT_S3, V bias = 250 V, HVG = 160
Entries 22998
Mean 13.42
Charge [ADC]

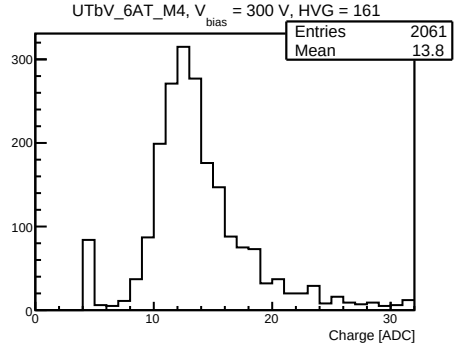

UTbV_3AT_M4, V bias = 250 V, HVG = 160
Entries 9393
Mean 13.61
Charge [ADC]

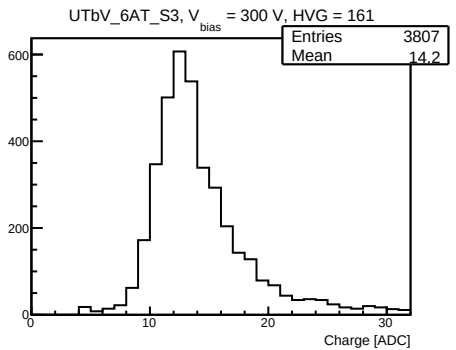

UTbV_3AT_S3, V bias = 250 V, HVG = 160
Entries 0
Mean 0
Charge [ADC]

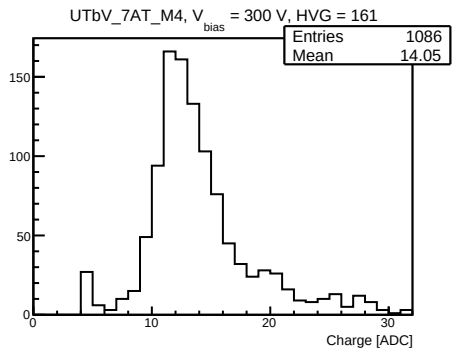

UTbV_4AT_M4, V bias = 250 V, HVG = 160
Entries 6182
Mean 13.47
Charge [ADC]

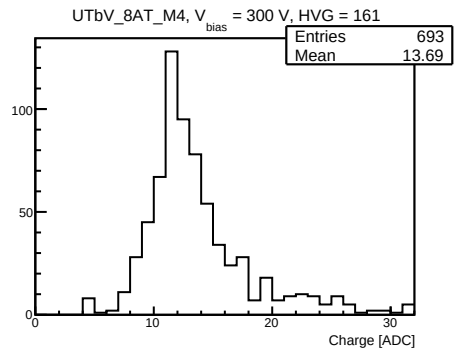

UTbV_5AT_M4, V bias = 300 V, HVG = 161
Entries 4249
Mean 13.68
Charge [ADC]

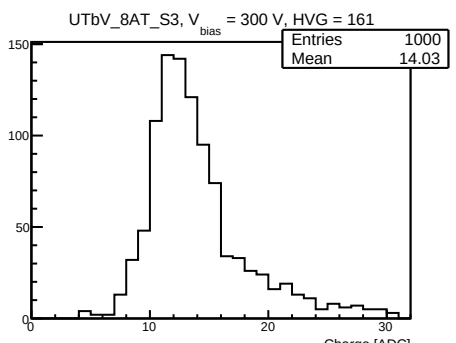

UTbV_5AT_S3, V bias = 300 V, HVG = 161
Entries 7198
Mean 13.73
Charge [ADC]

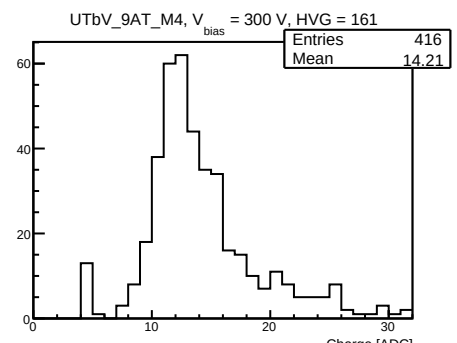

UTbV_6AT_M4, V bias = 300 V, HVG = 161
Entries 2061
Mean 13.8
Charge [ADC]

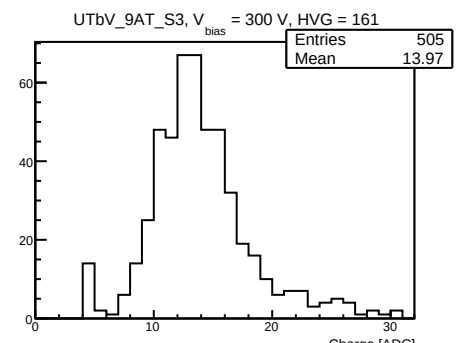

UTbV_6AT_S3, V bias = 300 V, HVG = 161
Entries 3807
Mean 14.2
Charge [ADC]

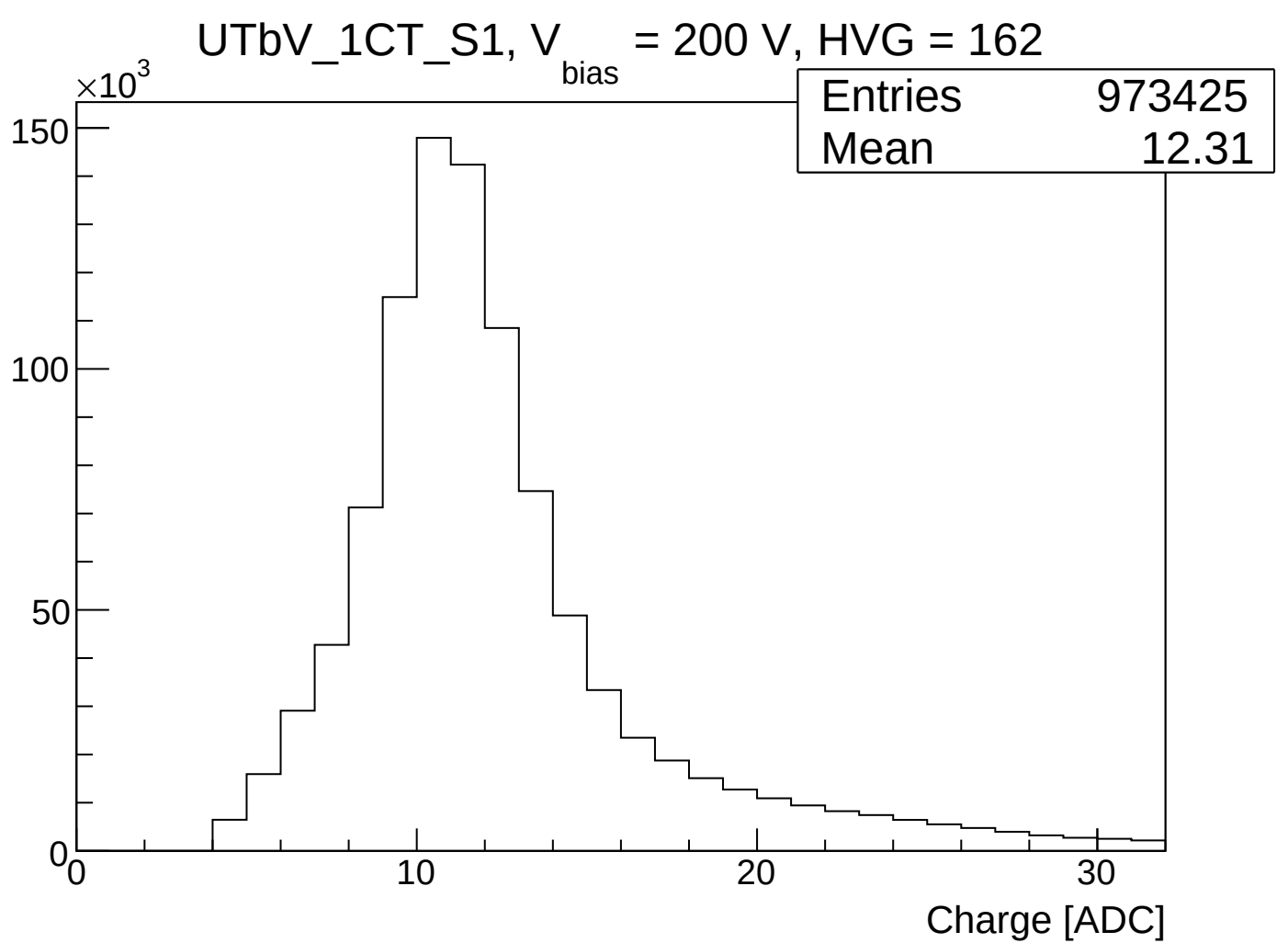

UTbV_7AT_M4, V bias = 300 V, HVG = 161
Entries 1086
Mean 14.05
Charge [ADC]

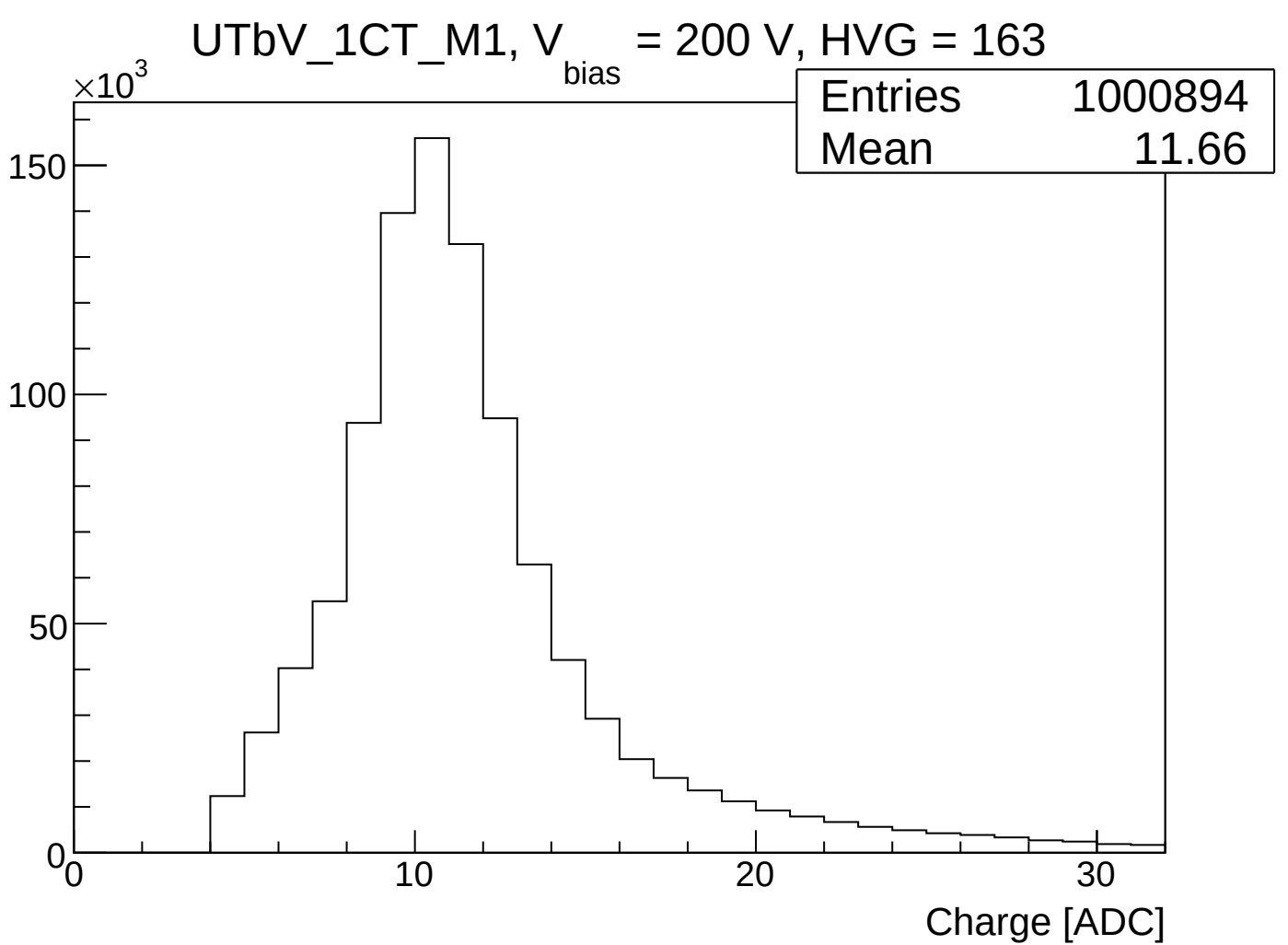

UTbV_8AT_M4, V bias = 300 V, HVG = 161
Entries 693
Mean 13.69
Charge [ADC]

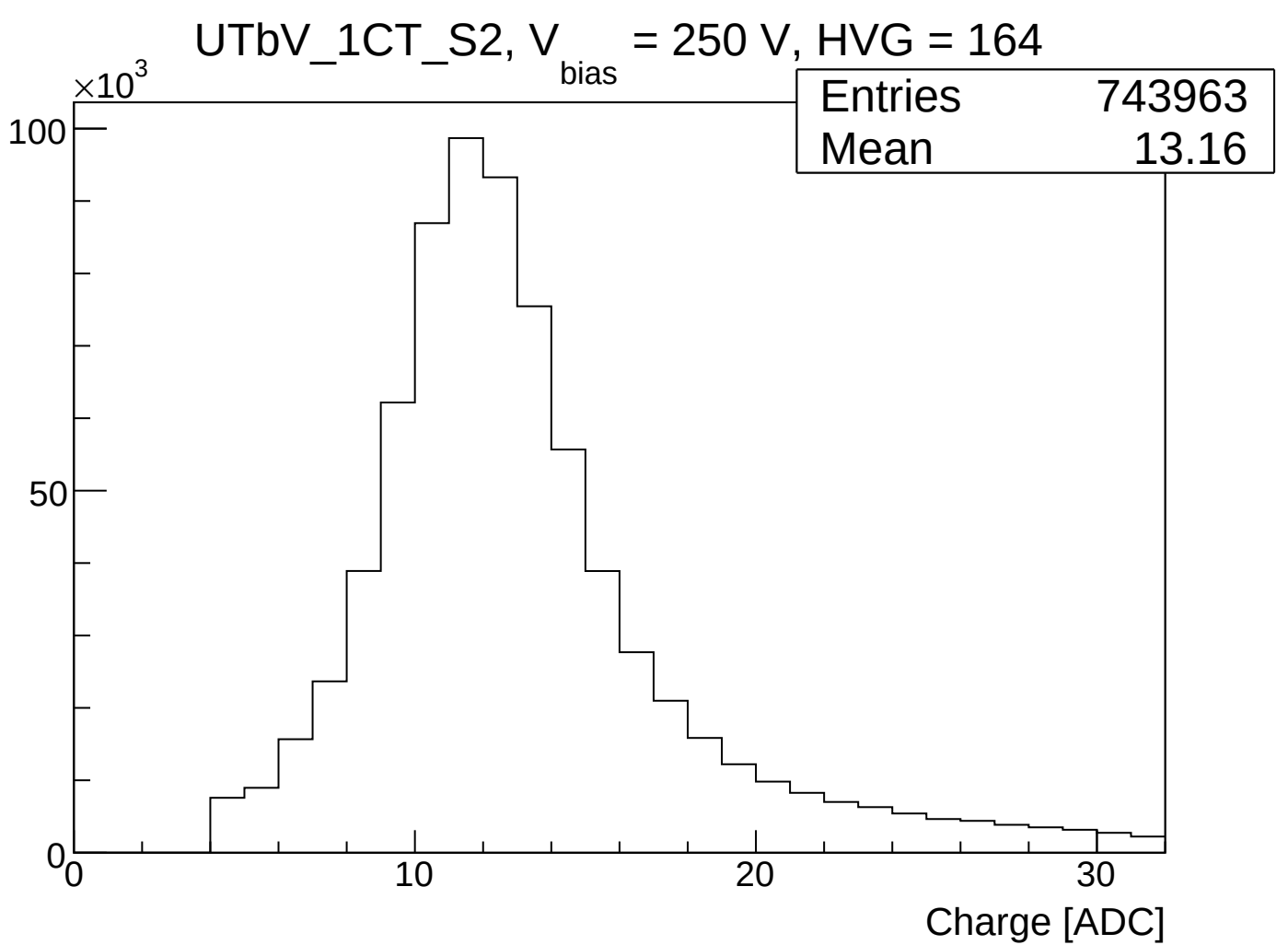

UTbV_8AT_S3, V bias = 300 V, HVG = 161
Entries 1000
Mean 14.03
Charge [ADC]

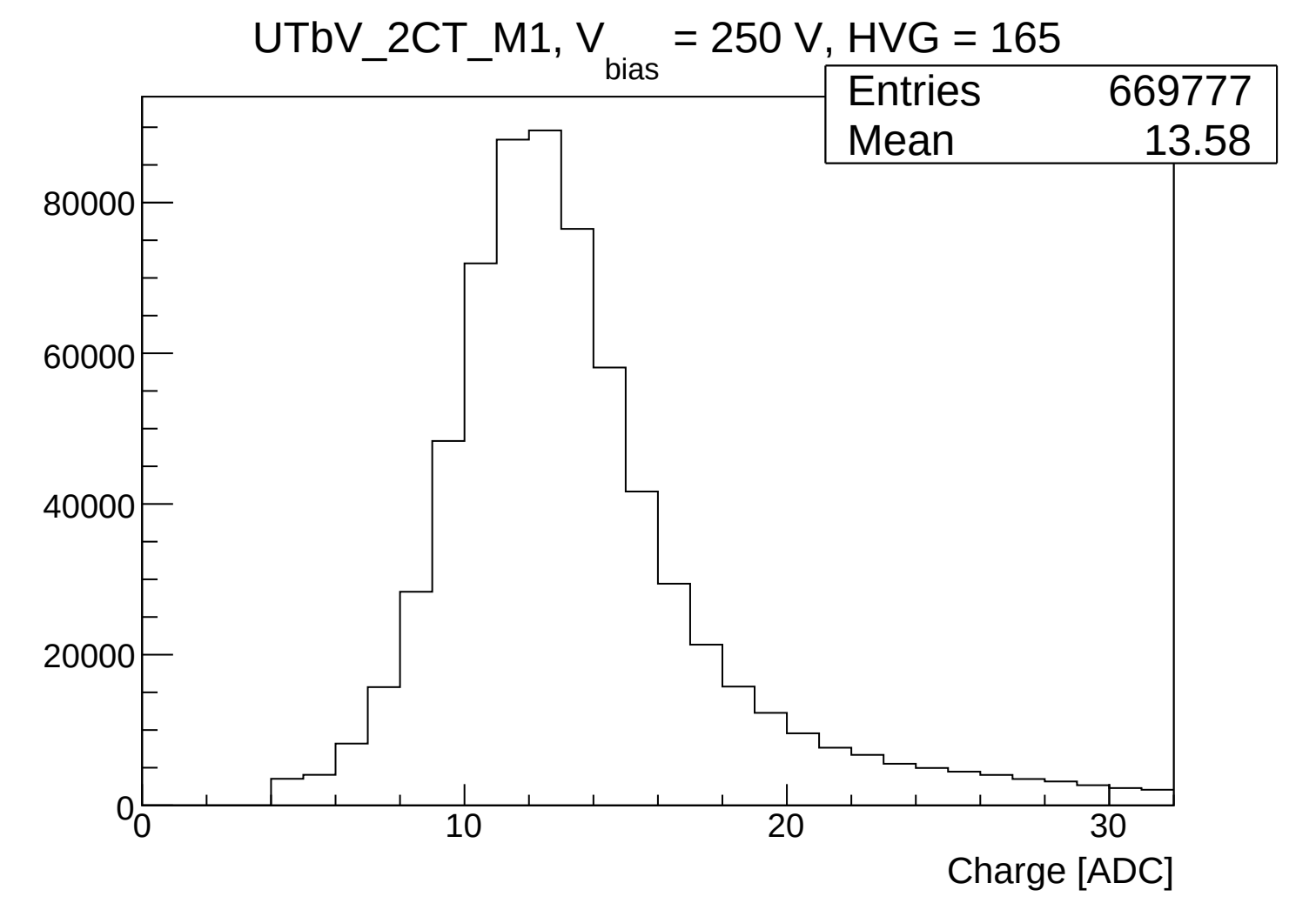

UTbV_9AT_M4, V bias = 300 V, HVG = 161
Entries 416
Mean 14.21
Charge [ADC]

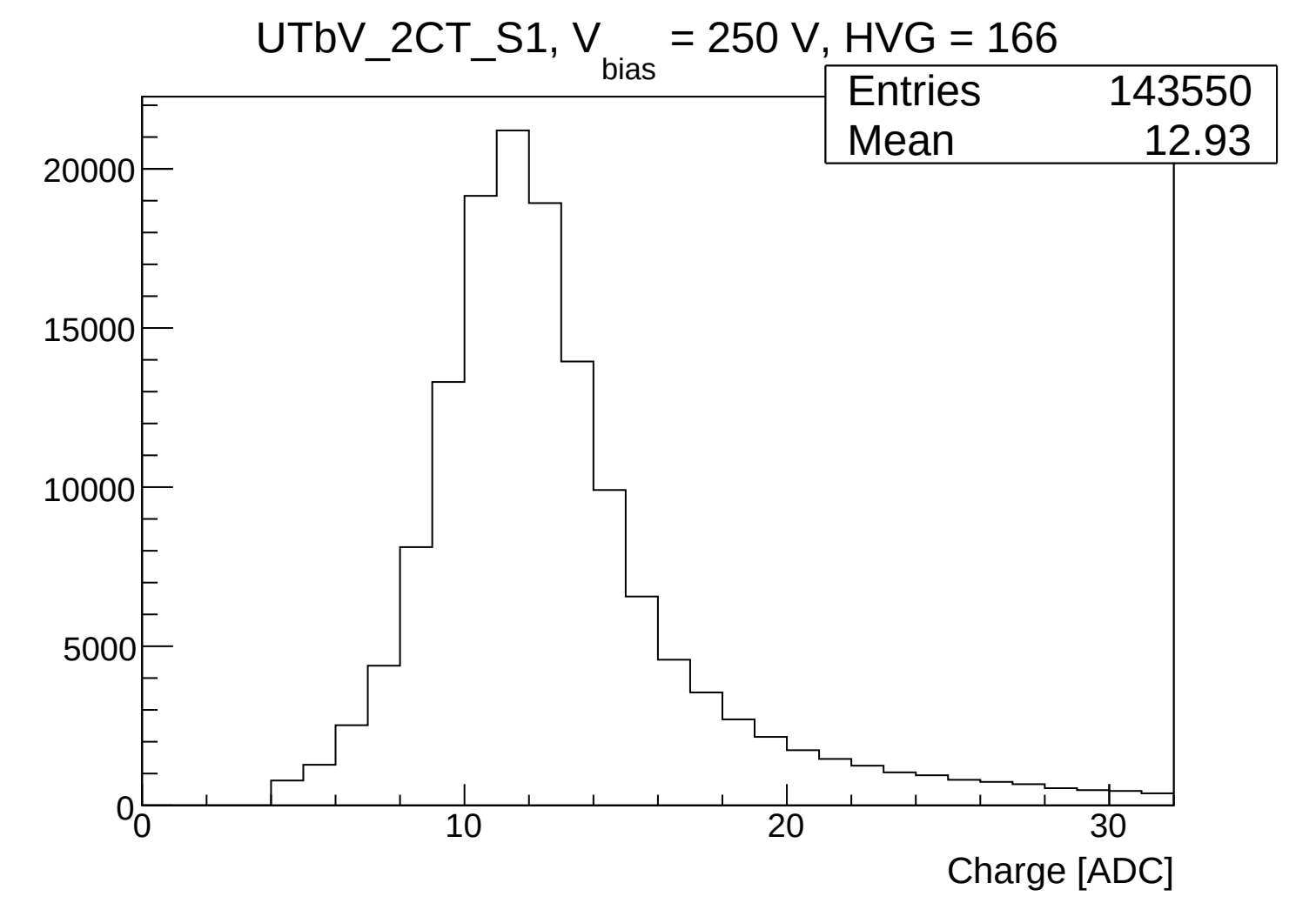

UTbV_9AT_S3, V bias = 300 V, HVG = 161
Entries 505
Mean 13.97
Charge [ADC]

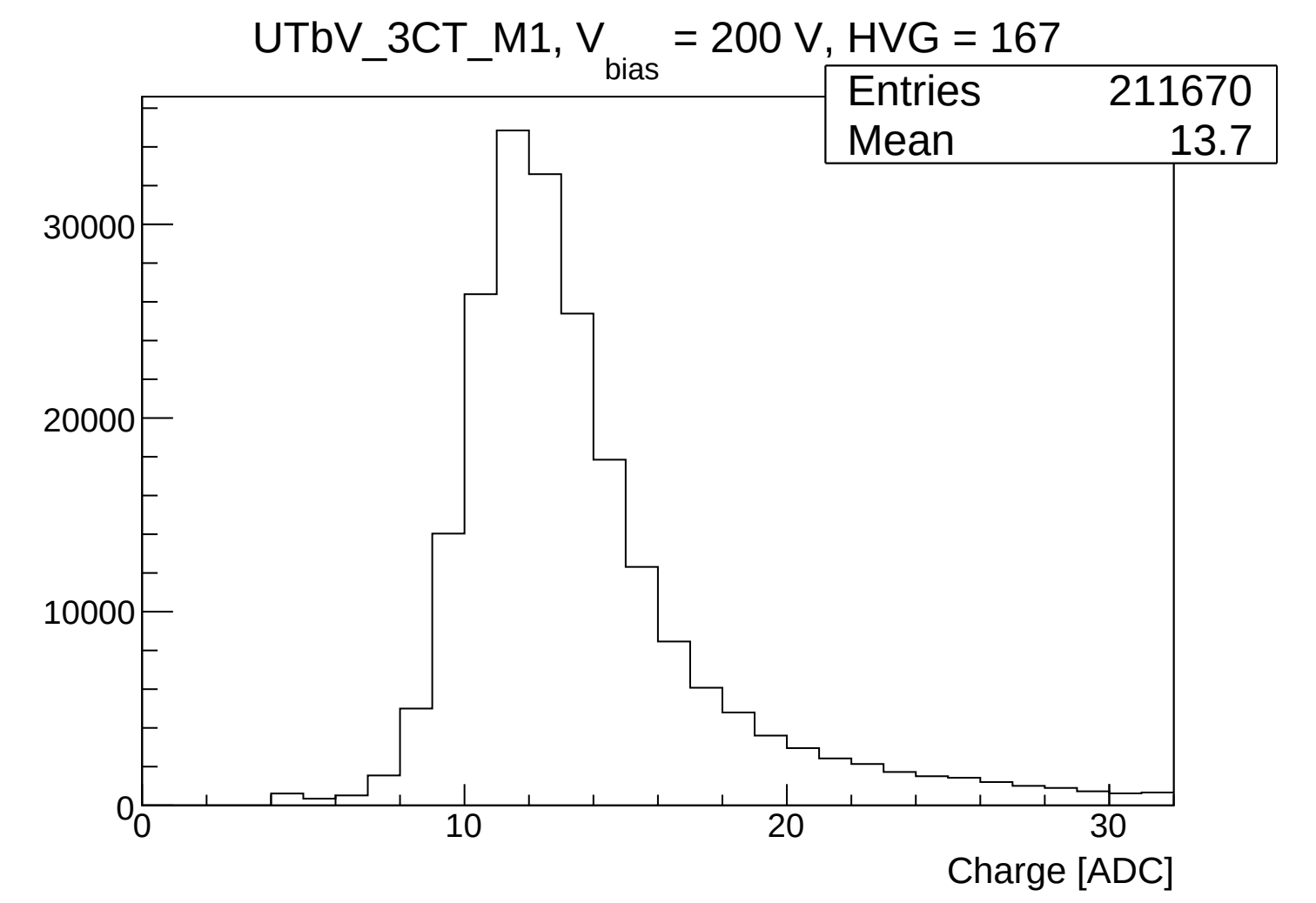

UTbV_1CT_S1, V bias = 200 V, HVG = 162
×10^3
Entries 973425
Mean 12.31
150
100
50
0
0
10
20
30
Charge [ADC]

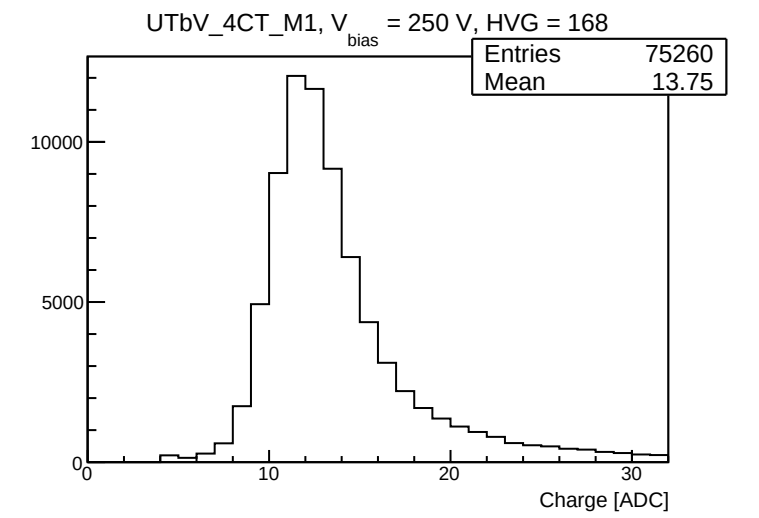

UTbV_1CT_M1, V bias = 200 V, HVG = 163
×10^3
Entries 1000894
Mean 11.66
150
100
50
0
0
10
20
30
Charge [ADC]

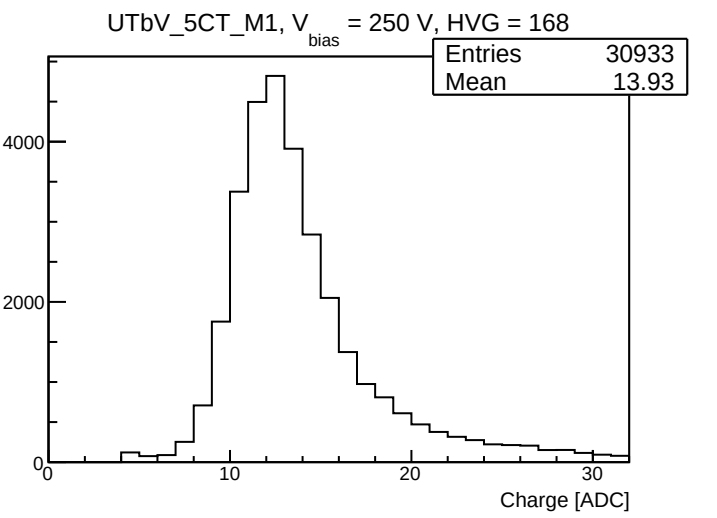

UTbV_1CT_S2, V bias = 250 V, HVG = 164
×10^3
Entries 743963
Mean 13.16
100
50
0
0
10
20
30
Charge [ADC]

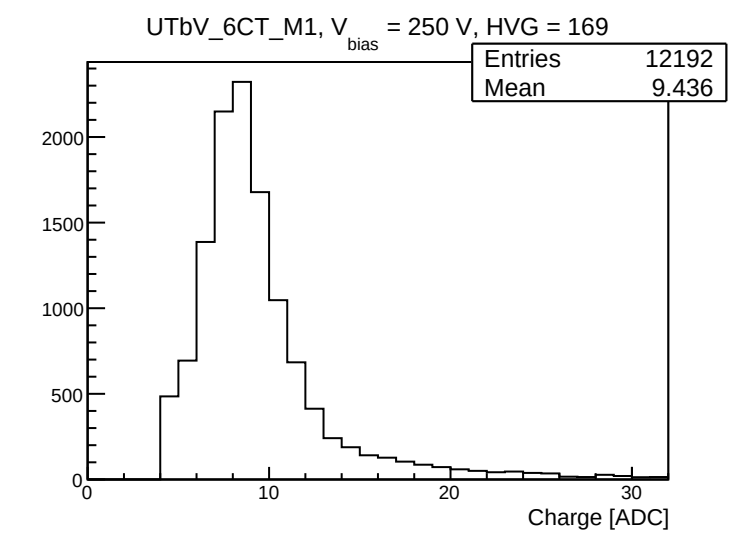

UTbV_2CT_M1, V bias = 250 V, HVG = 165
Entries 669777
Mean 13.58
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

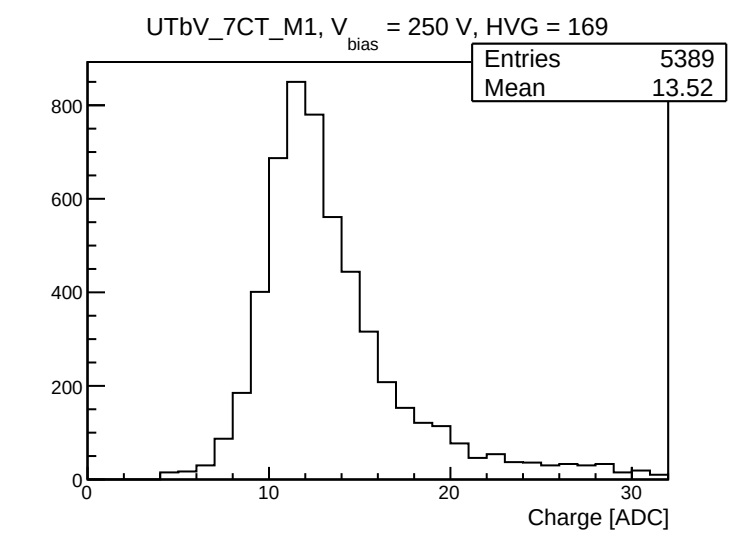

UTbV_2CT_S1, V bias = 250 V, HVG = 166
Entries 143550
Mean 12.93
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

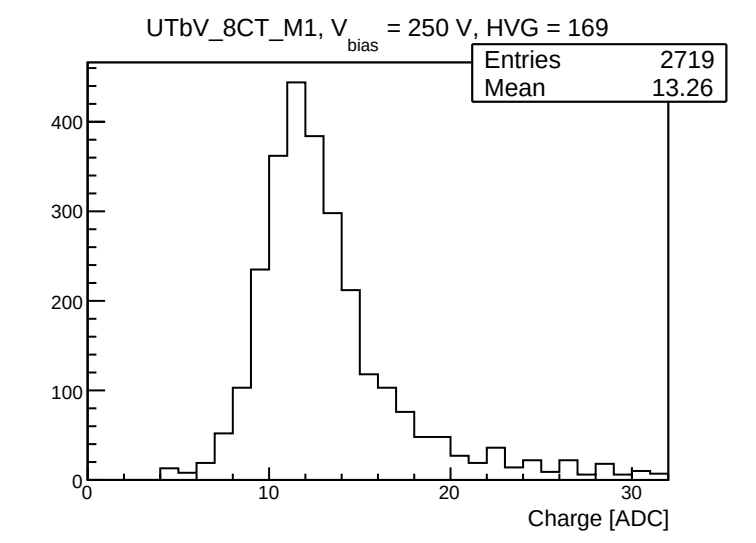

UTbV_3CT_M1, V bias = 200 V, HVG = 167
Entries 211670
Mean 13.7
30000
20000
10000
0
0
10
20
30
Charge [ADC]

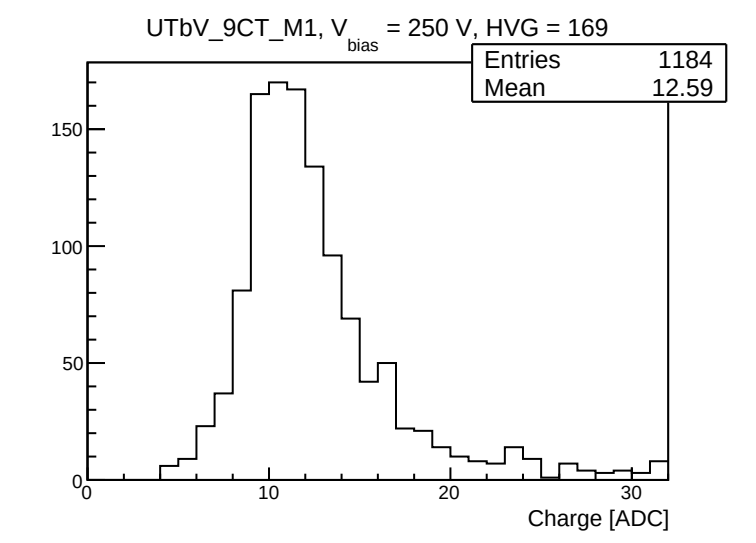

UTbV_4CT_M1, V bias = 250 V, HVG = 168
Entries 75260
Mean 13.75
10000
5000
0
0
10
20
30
Charge [ADC]

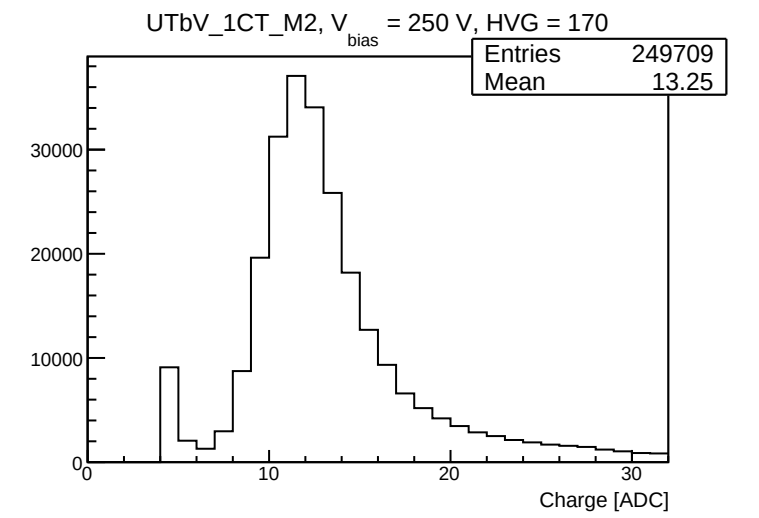

UTbV_5CT_M1, V bias = 250 V, HVG = 168
Entries 30933
Mean 13.93
4000
2000
0
0
10
20
30
Charge [ADC]

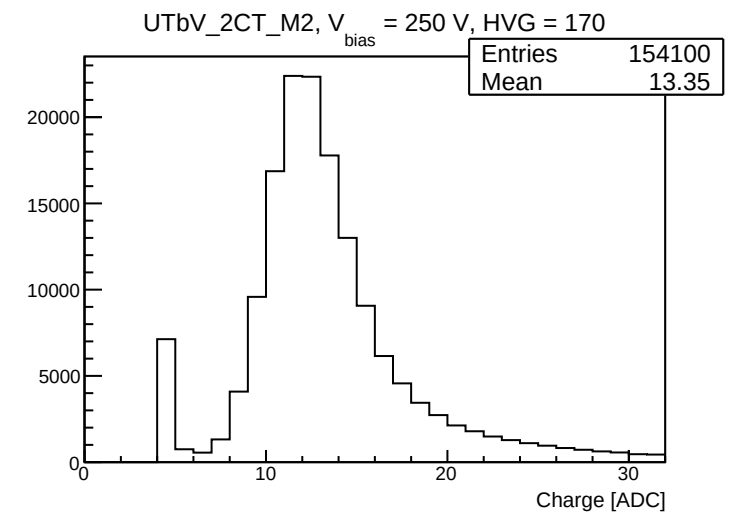

UTbV_6CT_M1, V bias = 250 V, HVG = 169
Entries 12192
Mean 9.436
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

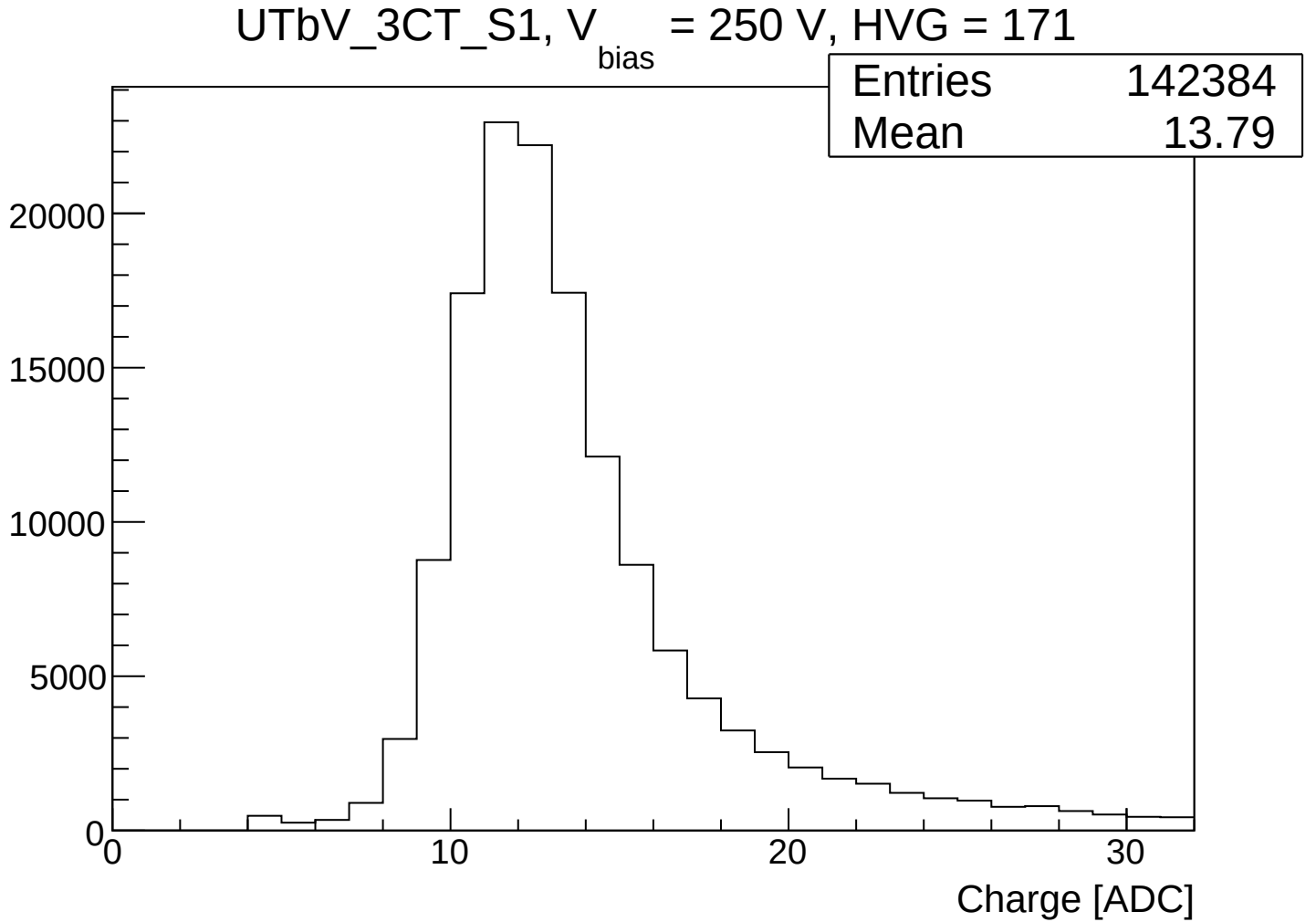

UTbV_7CT_M1, V bias = 250 V, HVG = 169
Entries 5389
Mean 13.52
800
600
400
200
0
0
10
20
30
Charge [ADC]

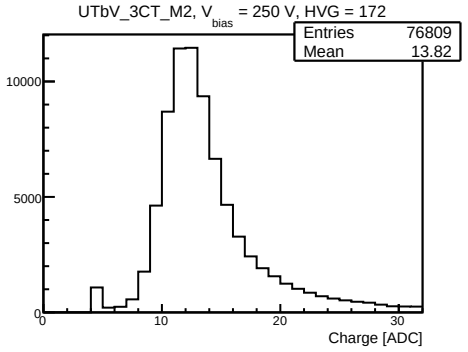

UTbV_8CT_M1, V bias = 250 V, HVG = 169
Entries 2719
Mean 13.26
400
300
200
100
0
0
10
20
30
Charge [ADC]

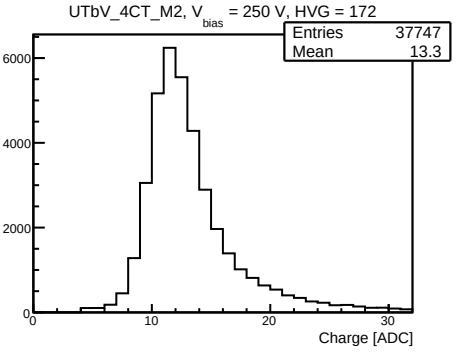

UTbV_9CT_M1, V bias = 250 V, HVG = 169
Entries 1184
Mean 12.59
150
100
50
0
0
10
20
30
Charge [ADC]

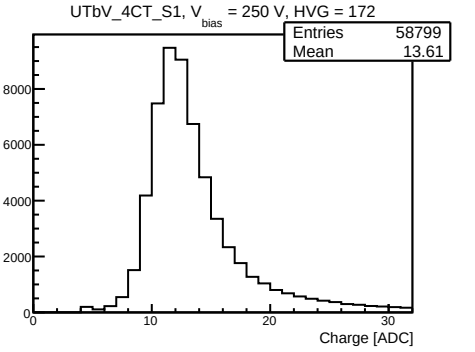

UTbV_1CT_M2, V bias = 250 V, HVG = 170
Entries 249709
Mean 13.25
30000
20000
10000
0
0
10
20
30
Charge [ADC]

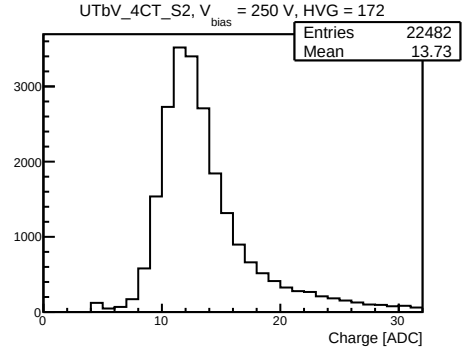

UTbV_2CT_M2, V bias = 250 V, HVG = 170
Entries 154100
Mean 13.35
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

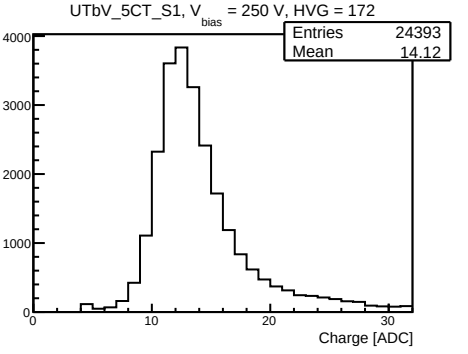

UTbV_3CT_S1, V bias = 250 V, HVG = 171
Entries 142384
Mean 13.79
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

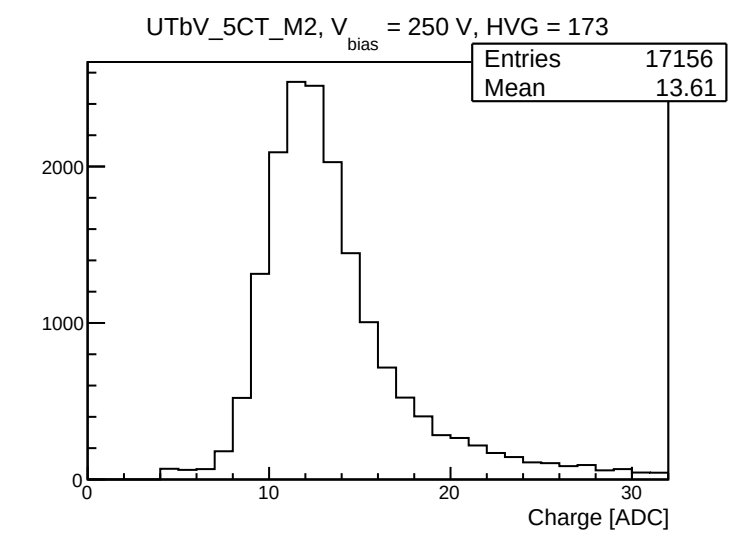

UTbV_3CT_M2, V bias = 250 V, HVG = 172
Entries 76809
Mean 13.82
Charge [ADC]

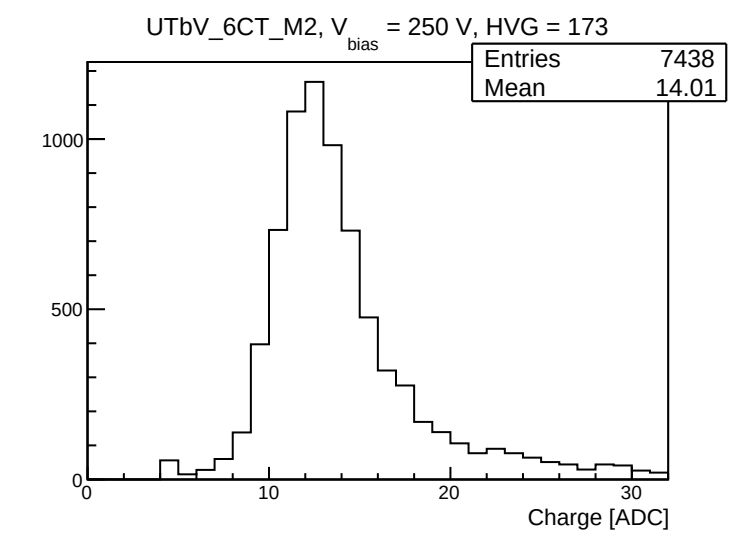

UTbV_4CT_M2, V bias = 250 V, HVG = 172
Entries 37747
Mean 13.3
Charge [ADC]

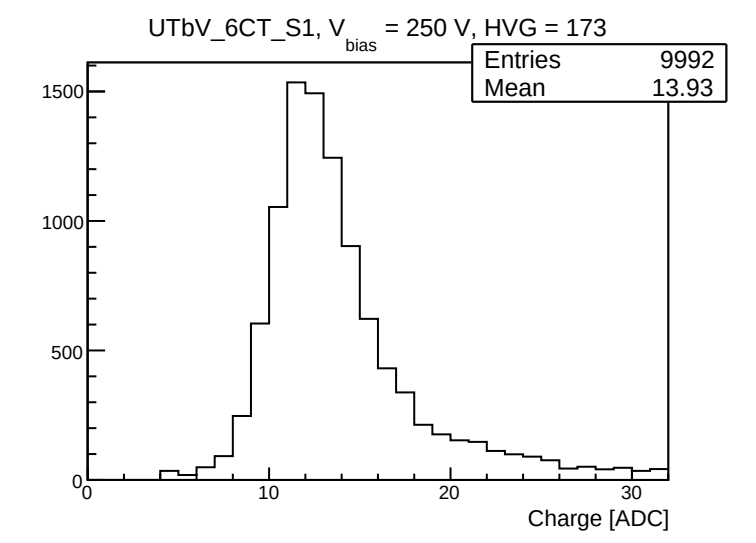

UTbV_4CT_S1, V bias = 250 V, HVG = 172
Entries 58799
Mean 13.61
Charge [ADC]

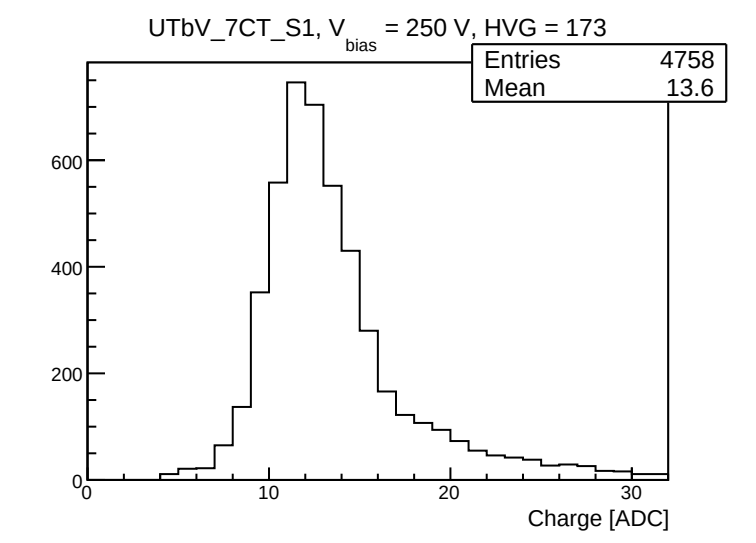

UTbV_4CT_S2, V bias = 250 V, HVG = 172
Entries 22482
Mean 13.73
Charge [ADC]

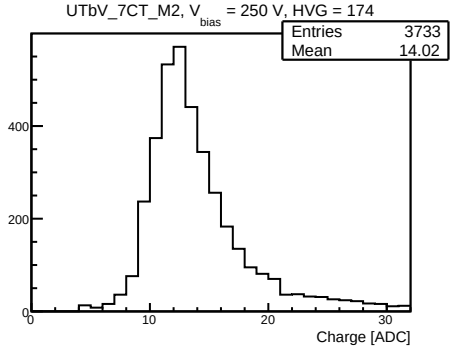

UTbV_5CT_S1, V bias = 250 V, HVG = 172
Entries 24393
Mean 14.12
Charge [ADC]

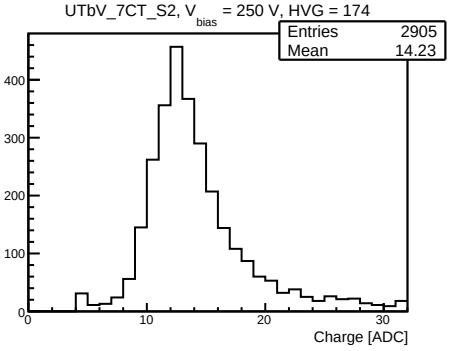

UTbV_5CT_M2, V bias = 250 V, HVG = 173
Entries 17156
Mean 13.61
2000
1000
0
0
10
20
30
Charge [ADC]

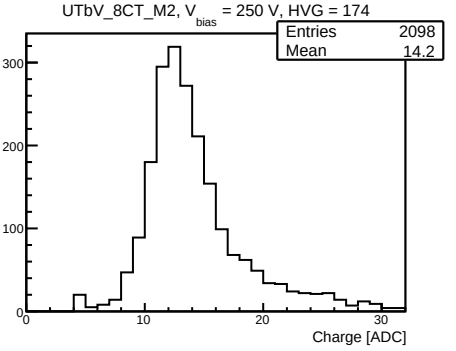

UTbV_6CT_M2, V bias = 250 V, HVG = 173
Entries 7438
Mean 14.01
1000
500
0
0
10
20
30
Charge [ADC]

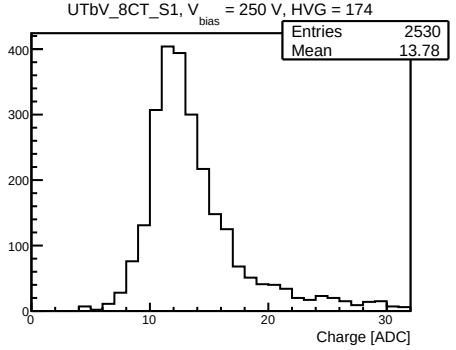

UTbV_6CT_S1, V bias = 250 V, HVG = 173
Entries 9992
Mean 13.93
1500
1000
500
0
0
10
20
30
Charge [ADC]

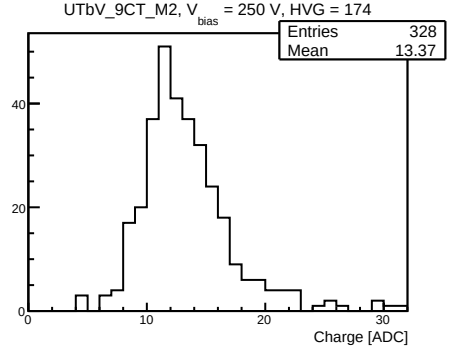

UTbV_7CT_S1, V bias = 250 V, HVG = 173
Entries 4758
Mean 13.6
600
400
200
0
0
10
20
30
Charge [ADC]

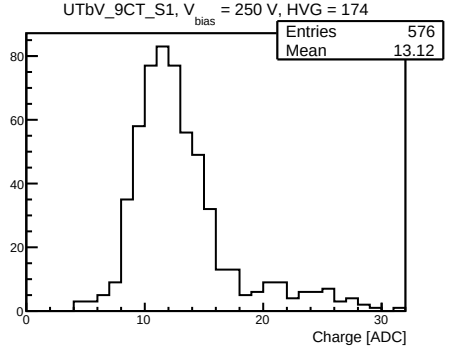

UTbV_7CT_M2, V bias = 250 V, HVG = 174
Entries 3733
Mean 14.02
Charge [ADC]

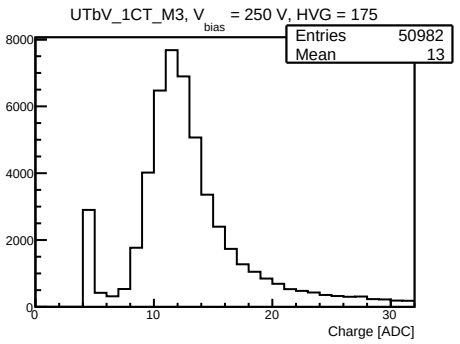

UTbV_7CT_S2, V bias = 250 V, HVG = 174
Entries 2905
Mean 14.23
Charge [ADC]

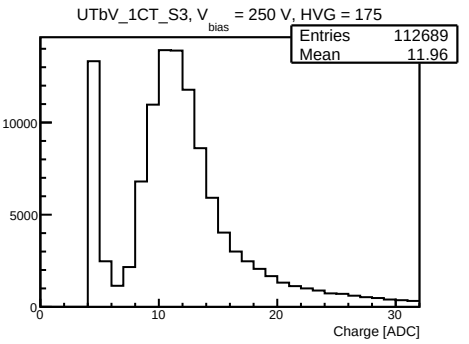

UTbV_8CT_M2, V bias = 250 V, HVG = 174
Entries 2098
Mean 14.2
Charge [ADC]

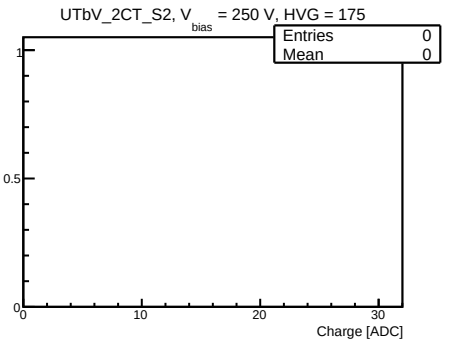

UTbV_8CT_S1, V bias = 250 V, HVG = 174
Entries 2530
Mean 13.78
Charge [ADC]

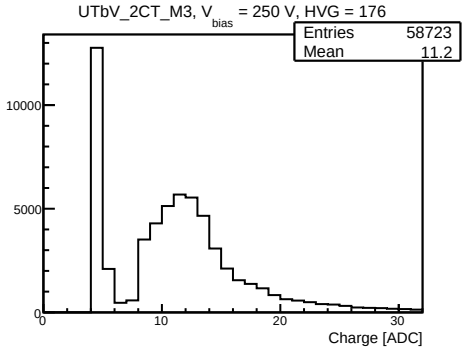

UTbV_9CT_M2, V bias = 250 V, HVG = 174
Entries 328
Mean 13.37
Charge [ADC]

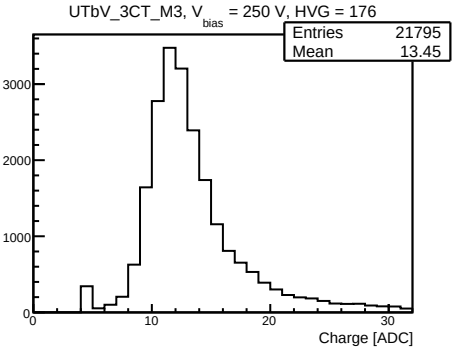

UTbV_9CT_S1, V bias = 250 V, HVG = 174
Entries 576
Mean 13.12
Charge [ADC]

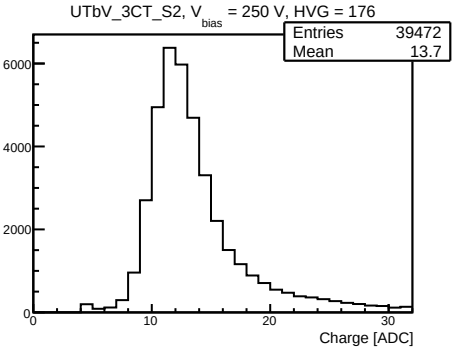

UTbV_1CT_M3, V bias = 250 V, HVG = 175
Entries 50982
Mean 13
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

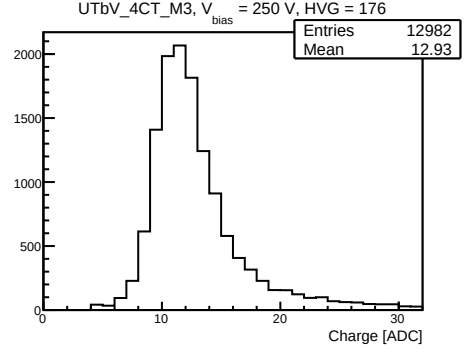

UTbV_1CT_S3, V bias = 250 V, HVG = 175
Entries 112689
Mean 11.96
10000
5000
0
0
10
20
30
Charge [ADC]

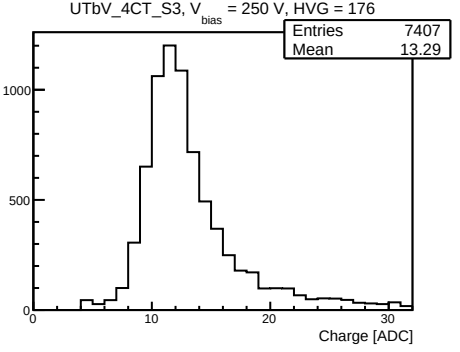

UTbV_2CT_S2, V bias = 250 V, HVG = 175
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

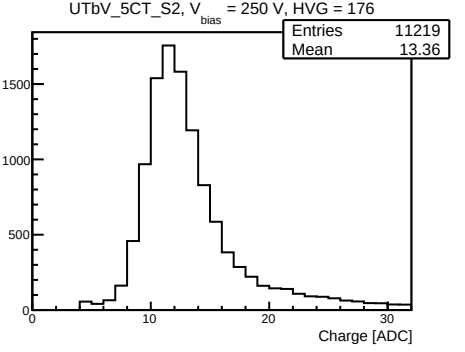

UTbV_2CT_M3, V bias = 250 V, HVG = 176
Entries 58723
Mean 11.2
Charge [ADC]

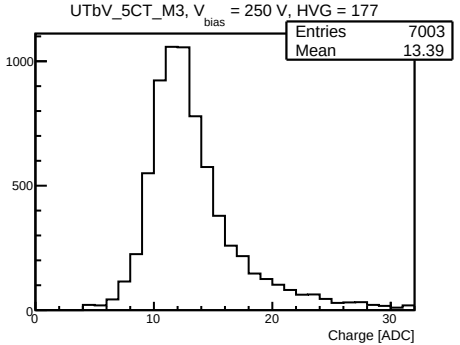

UTbV_3CT_M3, V bias = 250 V, HVG = 176
Entries 21795
Mean 13.45
Charge [ADC]

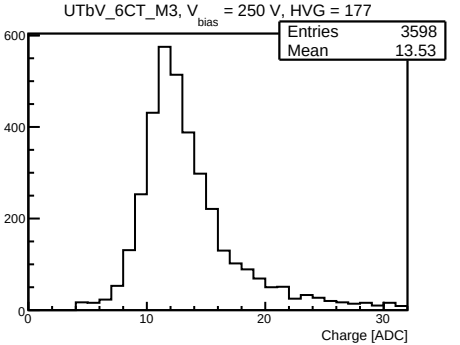

UTbV_3CT_S2, V bias = 250 V, HVG = 176
Entries 39472
Mean 13.7
Charge [ADC]

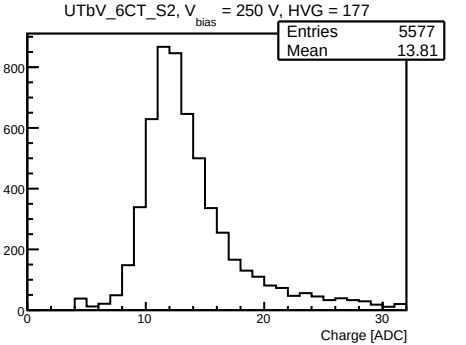

UTbV_4CT_M3, V bias = 250 V, HVG = 176
Entries 12982
Mean 12.93
Charge [ADC]

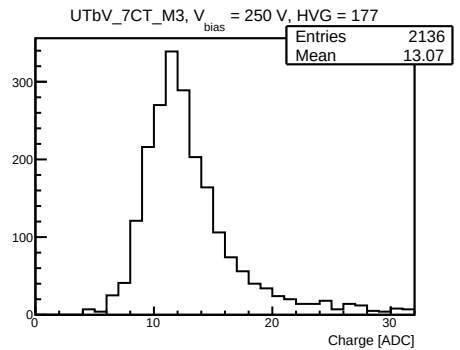

UTbV_4CT_S3, V bias = 250 V, HVG = 176
Entries 7407
Mean 13.29
Charge [ADC]

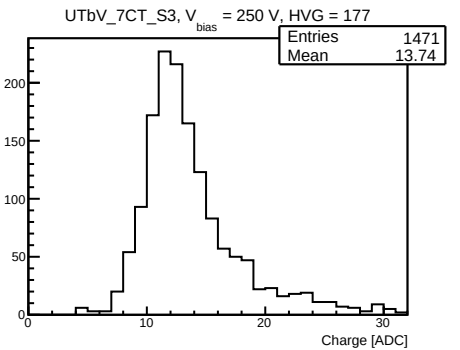

UTbV_5CT_S2, V bias = 250 V, HVG = 176
Entries 11219
Mean 13.36
Charge [ADC]

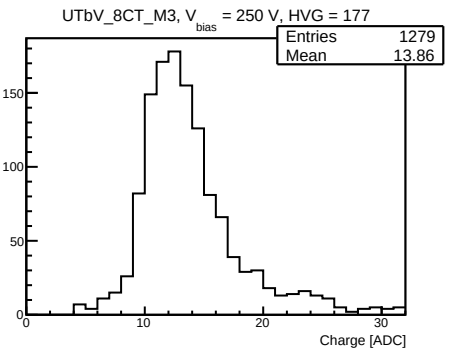

UTbV_5CT_M3, V bias = 250 V, HVG = 177
Entries 7003
Mean 13.39
Charge [ADC]

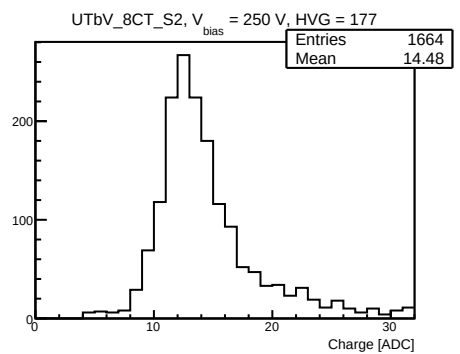

UTbV_6CT_M3, V bias = 250 V, HVG = 177
Entries 3598
Mean 13.53
Charge [ADC]

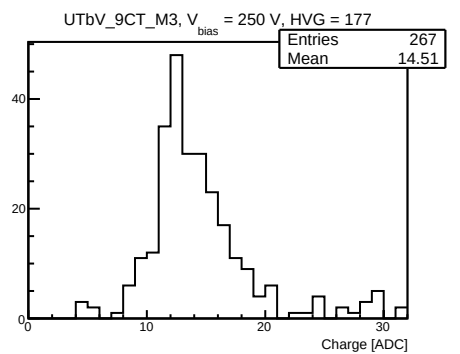

UTbV_6CT_S2, V bias = 250 V, HVG = 177
Entries 5577
Mean 13.81
Charge [ADC]

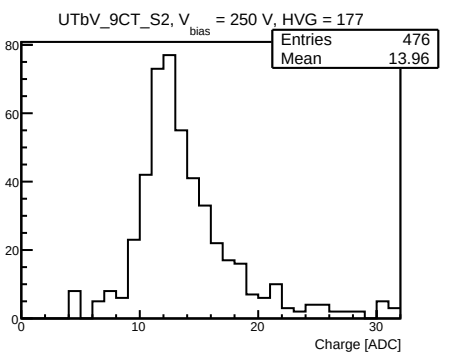

UTbV_7CT_M3, V bias = 250 V, HVG = 177
Entries 2136
Mean 13.07
Charge [ADC]

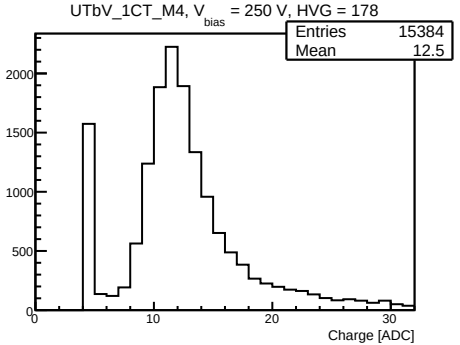

UTbV_7CT_S3, V bias = 250 V, HVG = 177
Entries 1471
Mean 13.74
Charge [ADC]

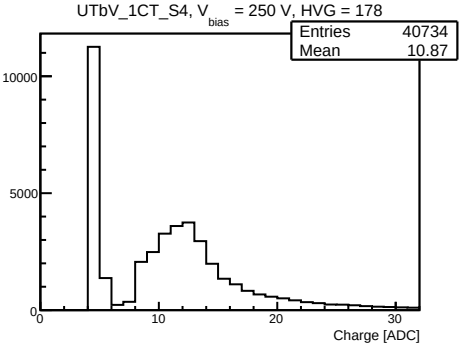

UTbV_8CT_M3, V bias = 250 V, HVG = 177
Entries 1279
Mean 13.86
Charge [ADC]

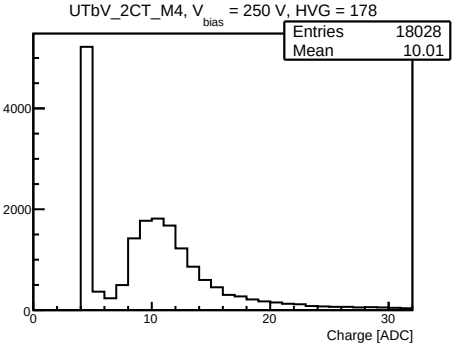

UTbV_8CT_S2, V bias = 250 V, HVG = 177
Entries 1664
Mean 14.48
Charge [ADC]

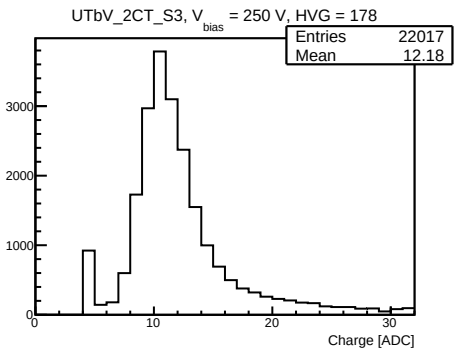

UTbV_9CT_M3, V bias = 250 V, HVG = 177
Entries 267
Mean 14.51
Charge [ADC]

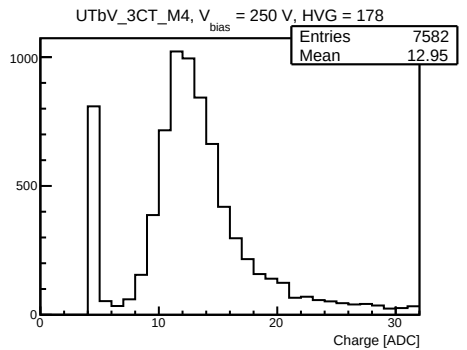

UTbV_9CT_S2, V bias = 250 V, HVG = 177
Entries 476
Mean 13.96
Charge [ADC]

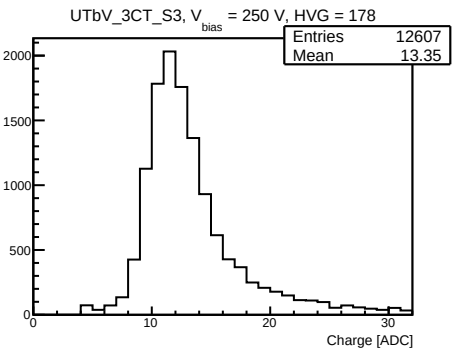

UTbV_1CT_M4, V bias = 250 V, HVG = 178
Entries 15384
Mean 12.5
Charge [ADC]

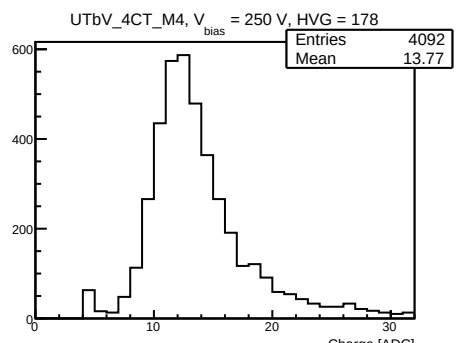

UTbV_1CT_S4, V bias = 250 V, HVG = 178
Entries 40734
Mean 10.87
Charge [ADC]

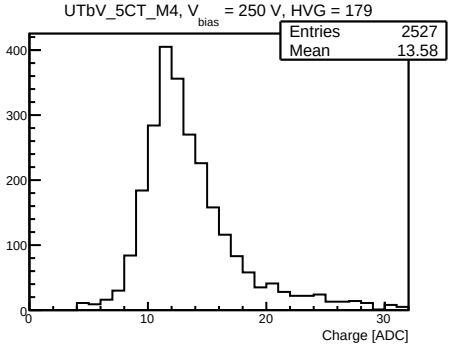

UTbV_2CT_M4, V bias = 250 V, HVG = 178
Entries 18028
Mean 10.01
Charge [ADC]

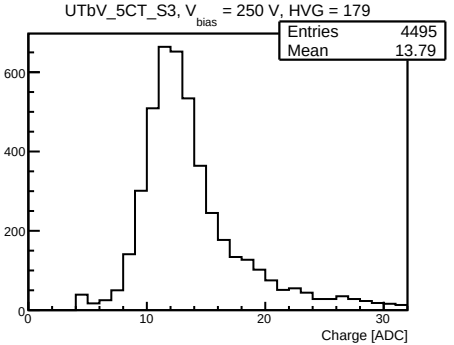

UTbV_2CT_S3, V bias = 250 V, HVG = 178
Entries 22017
Mean 12.18
Charge [ADC]

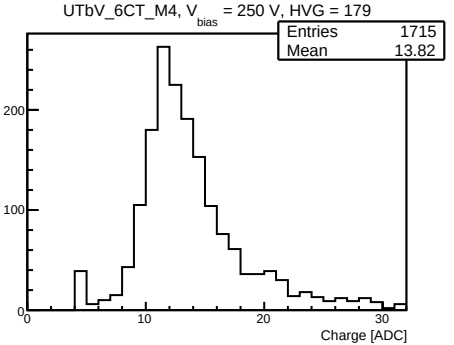

UTbV_3CT_M4, V bias = 250 V, HVG = 178
Entries 7582
Mean 12.95
Charge [ADC]

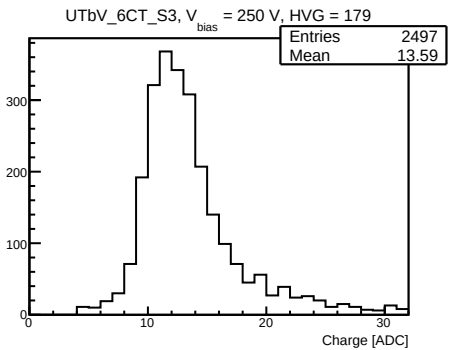

UTbV_3CT_S3, V bias = 250 V, HVG = 178
Entries 12607
Mean 13.35
Charge [ADC]

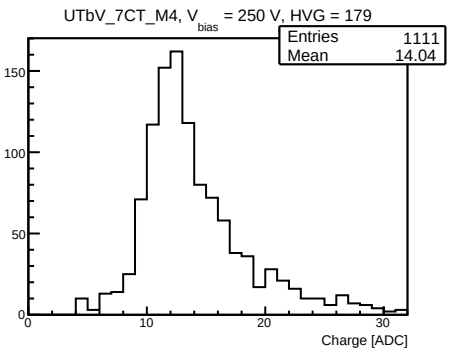

UTbV_4CT_M4, V bias = 250 V, HVG = 178
Entries 4092
Mean 13.77
Charge [ADC]

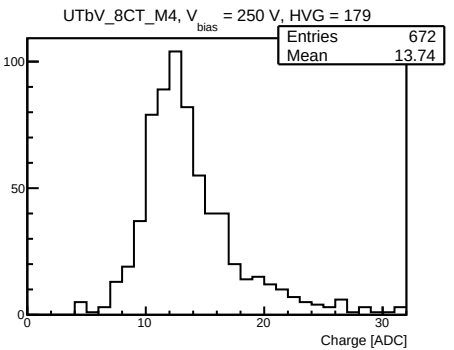

UTbV_5CT_M4, V bias = 250 V, HVG = 179
Entries 2527
Mean 13.58
Charge [ADC]

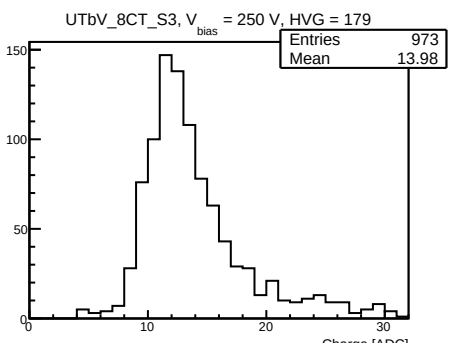

UTbV_5CT_S3, V bias = 250 V, HVG = 179
Entries 4495
Mean 13.79
Charge [ADC]

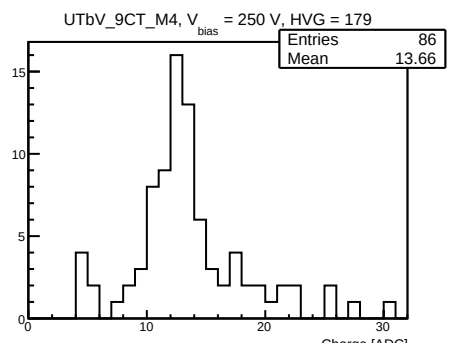

UTbV_6CT_M4, V bias = 250 V, HVG = 179
Entries 1715
Mean 13.82
Charge [ADC]

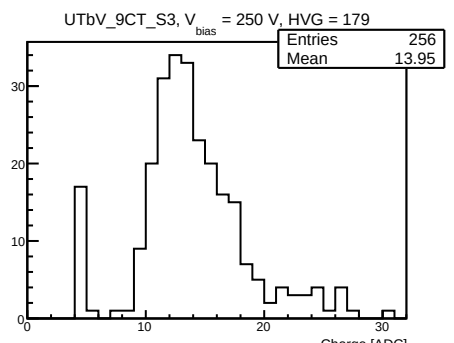

UTbV_6CT_S3, V bias = 250 V, HVG = 179
Entries 2497
Mean 13.59
Charge [ADC]

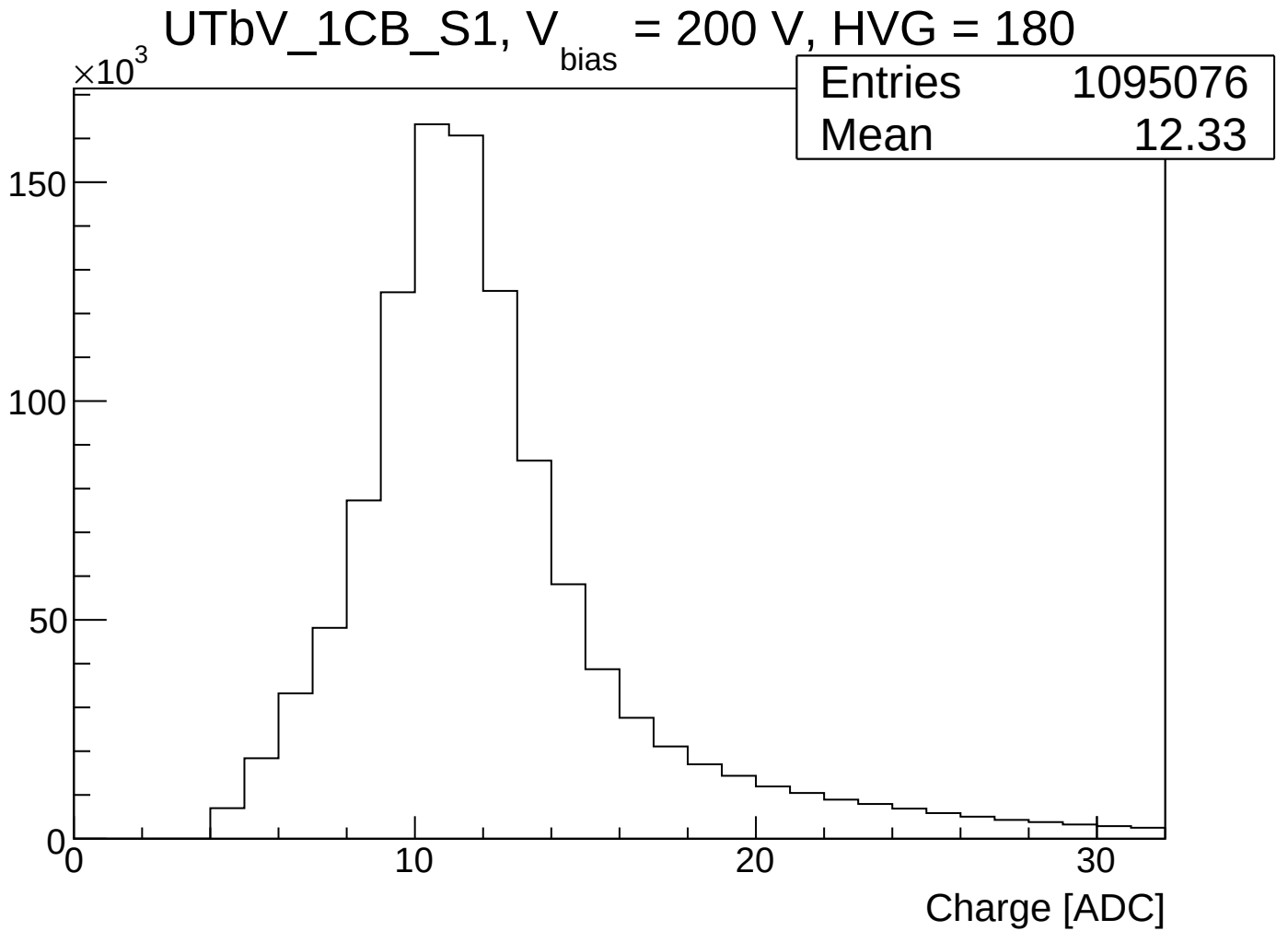

UTbV_7CT_M4, V bias = 250 V, HVG = 179
Entries 1111
Mean 14.04
Charge [ADC]

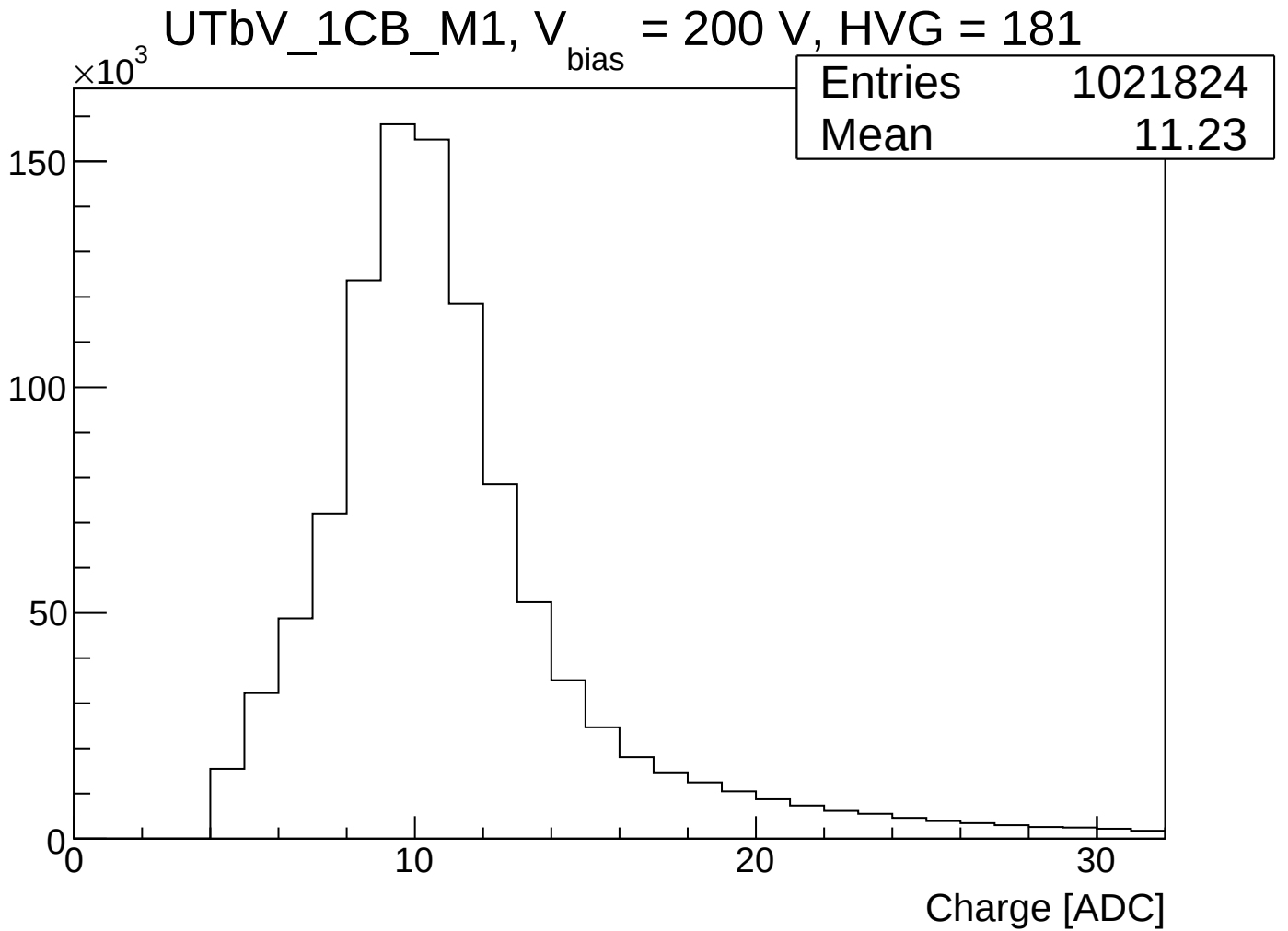

UTbV_8CT_M4, V bias = 250 V, HVG = 179
Entries 672
Mean 13.74
Charge [ADC]

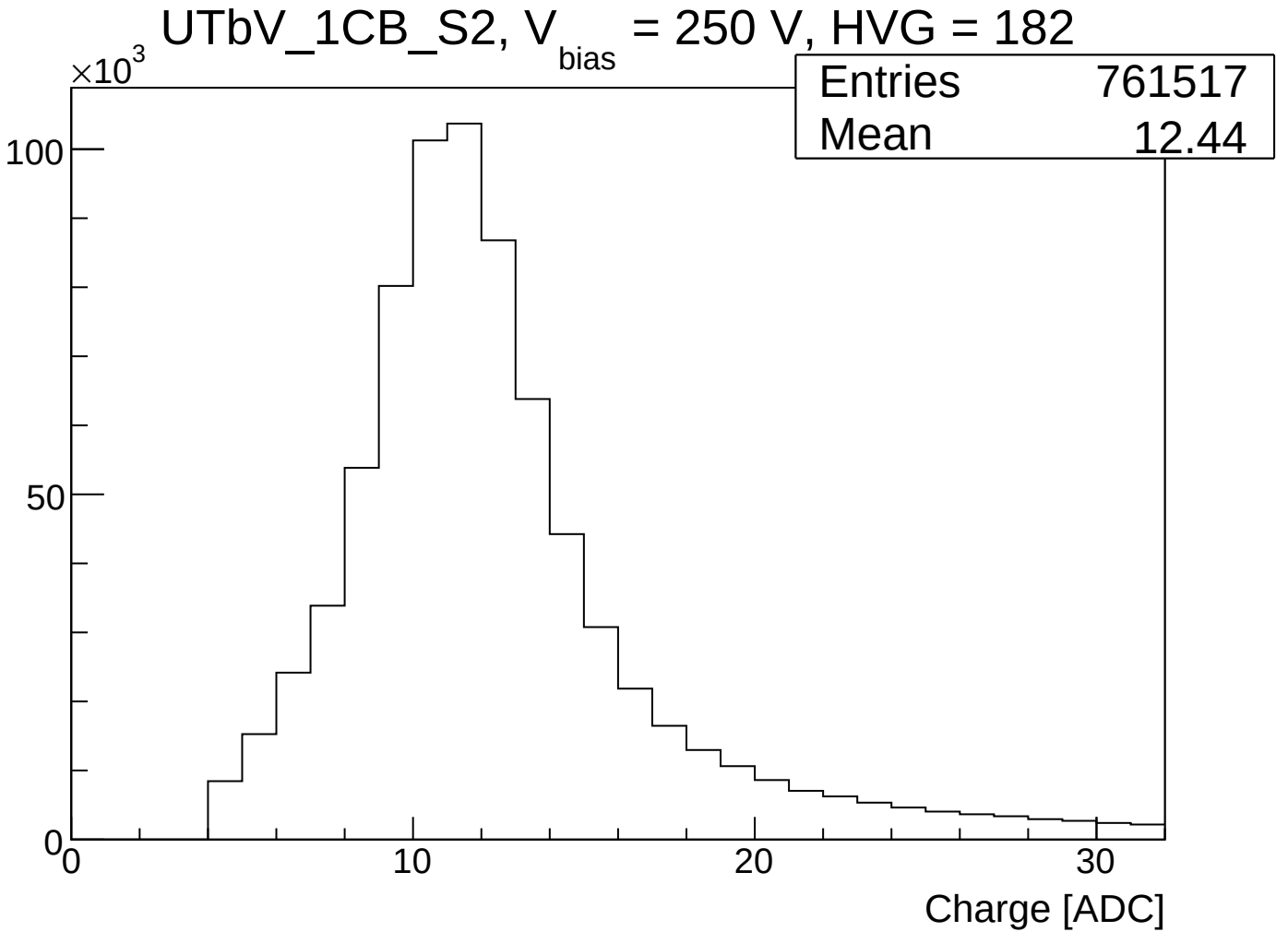

UTbV_8CT_S3, V bias = 250 V, HVG = 179
Entries 973
Mean 13.98
Charge [ADC]

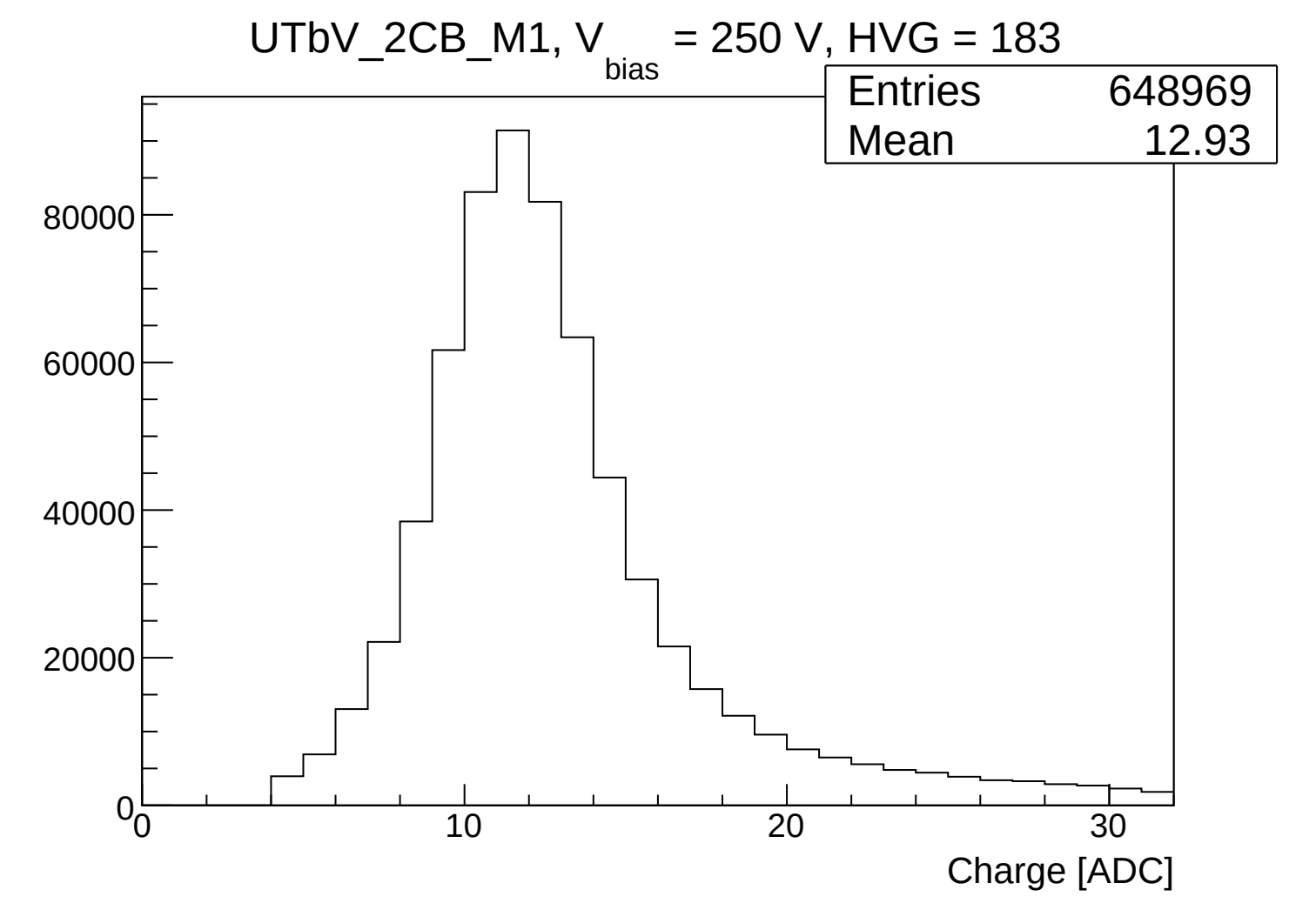

UTbV_9CT_M4, V bias = 250 V, HVG = 179
Entries 86
Mean 13.66
Charge [ADC]

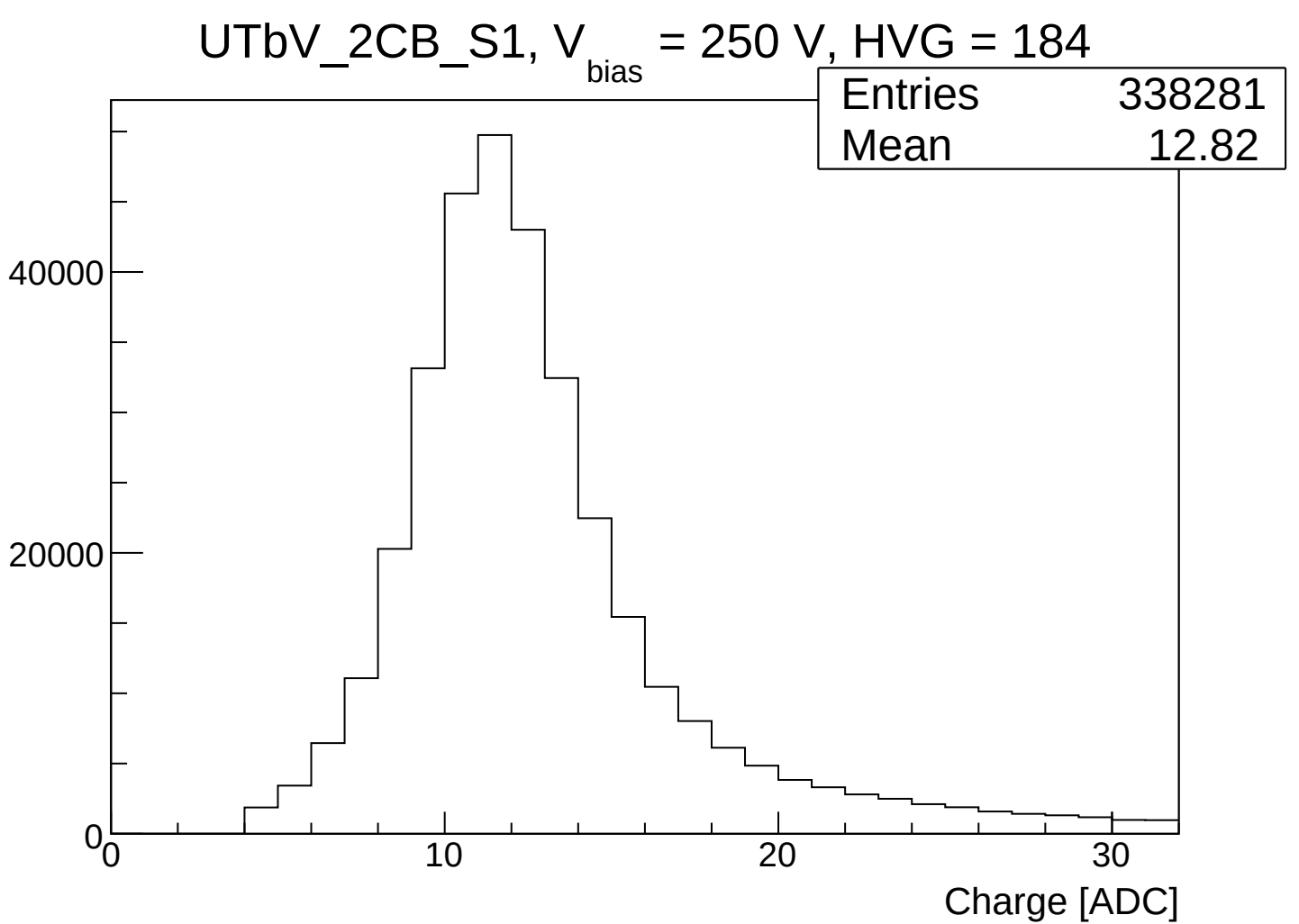

UTbV_9CT_S3, V bias = 250 V, HVG = 179
Entries 256
Mean 13.95
Charge [ADC]

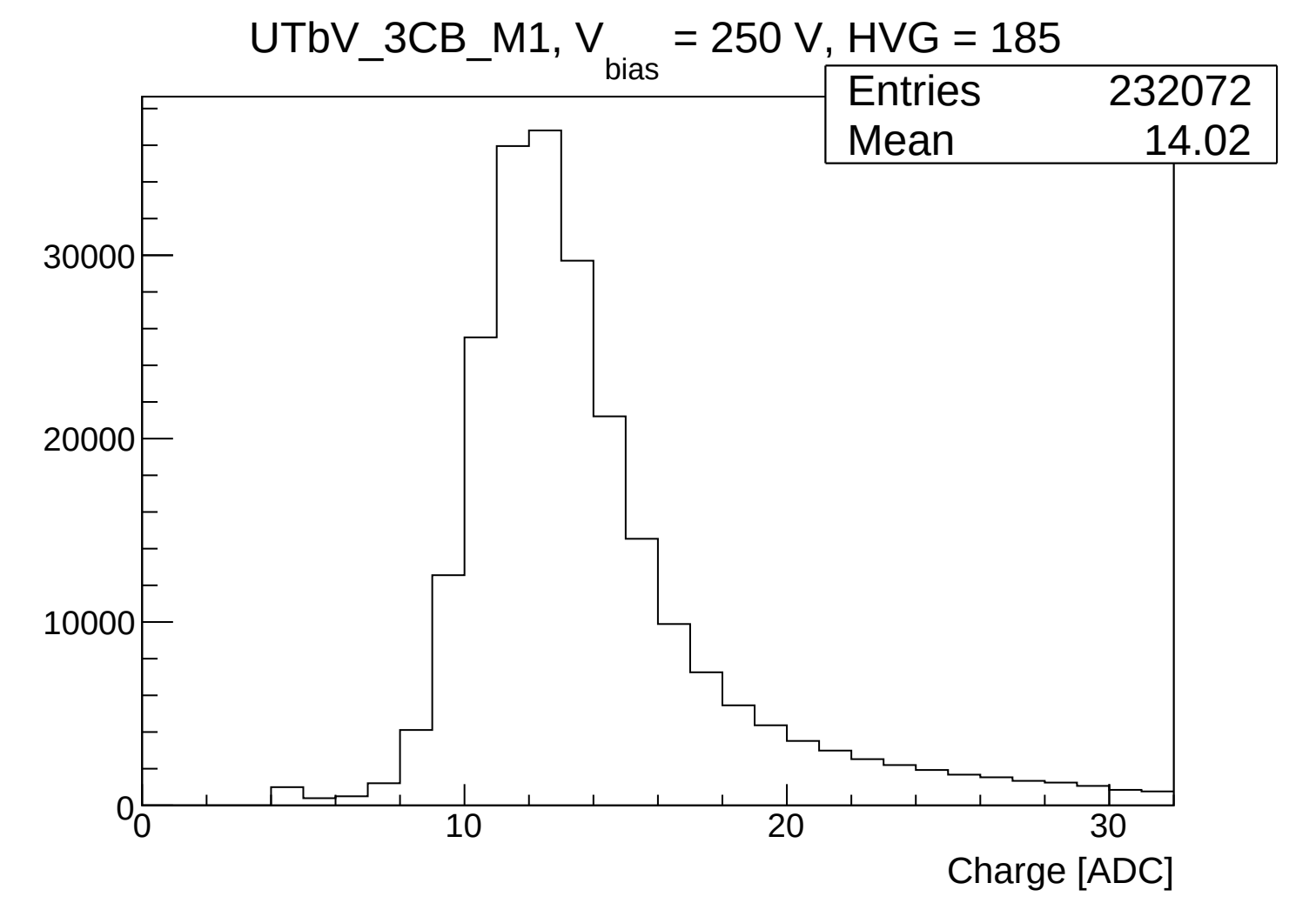

UTbV_1CB_S1, V bias = 200 V, HVG = 180
×10^3
Entries 1095076
Mean 12.33
150
100
50
0
0
10
20
30
Charge [ADC]

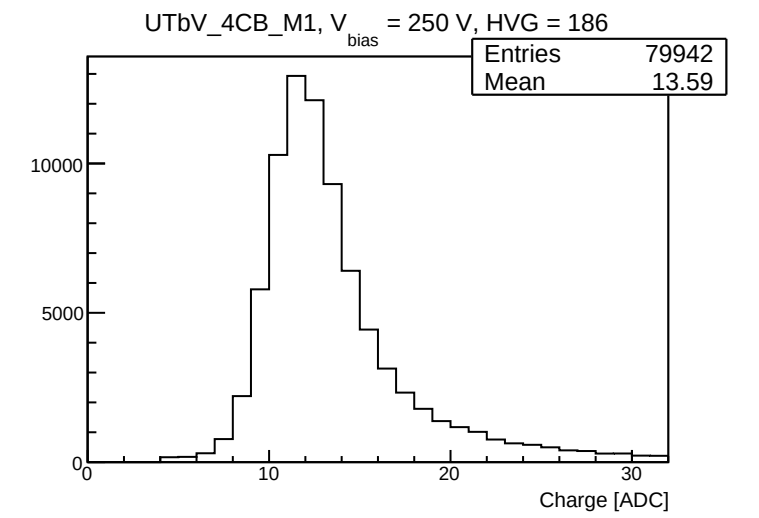

UTbV_1CB_M1, V bias = 200 V, HVG = 181
×10^3
Entries 1021824
Mean 11.23
150
100
50
0
0
10
20
30
Charge [ADC]

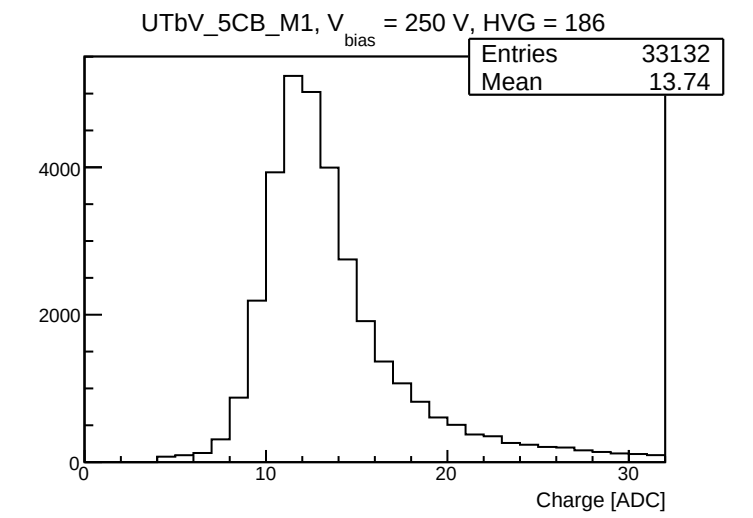

UTbV_1CB_S2, V bias = 250 V, HVG = 182
×10^3
Entries 761517
Mean 12.44
100
50
0
0
10
20
30
Charge [ADC]

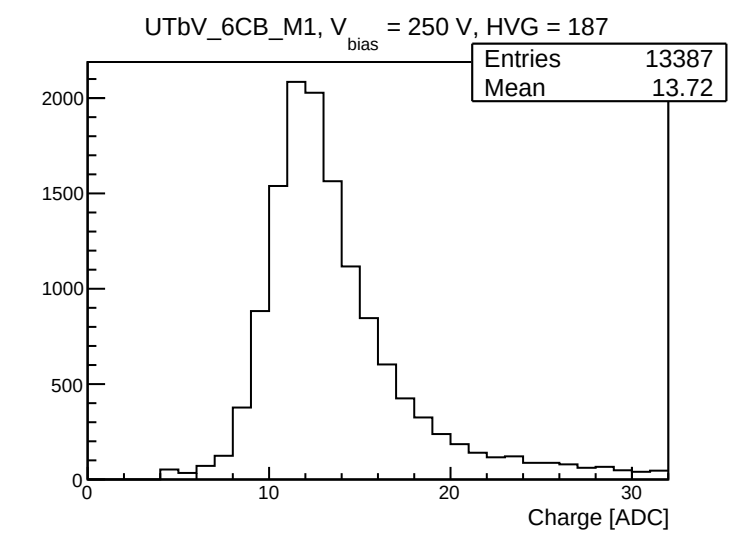

UTbV_2CB_M1, V bias = 250 V, HVG = 183
Entries 648969
Mean 12.93
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

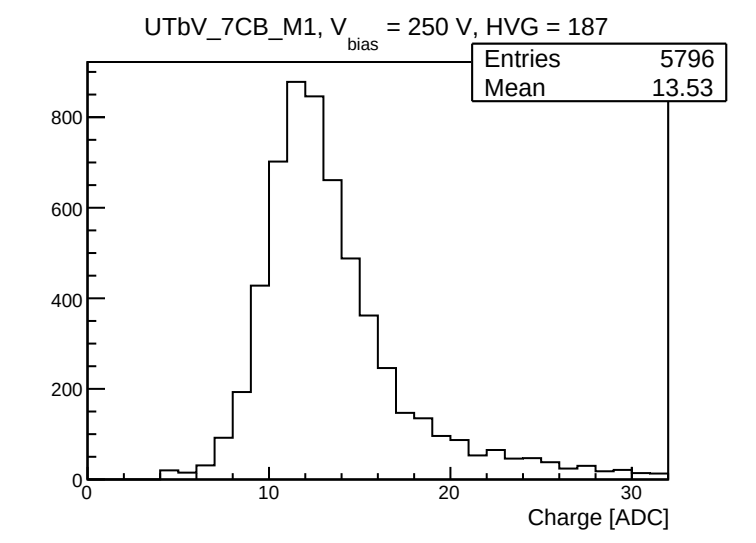

UTbV_2CB_S1, V bias = 250 V, HVG = 184
Entries 338281
Mean 12.82
40000
20000
0
0
10
20
30
Charge [ADC]

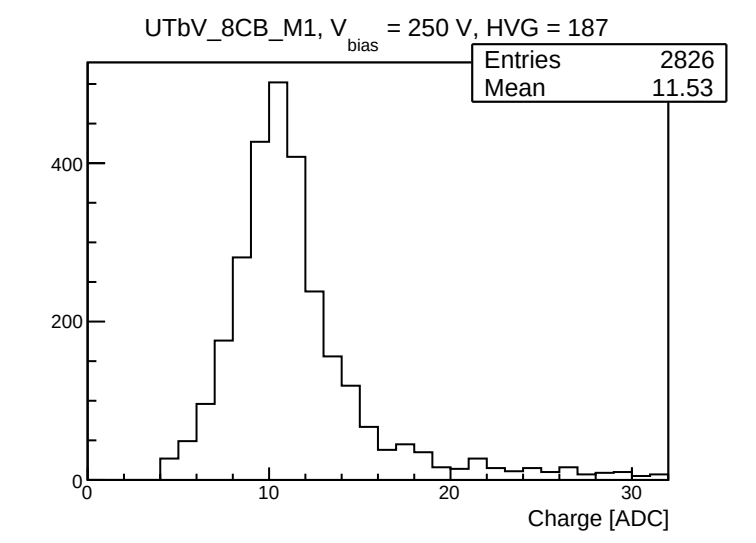

UTbV_3CB_M1, V bias = 250 V, HVG = 185
Entries 232072
Mean 14.02
30000
20000
10000
0
0
10
20
30
Charge [ADC]

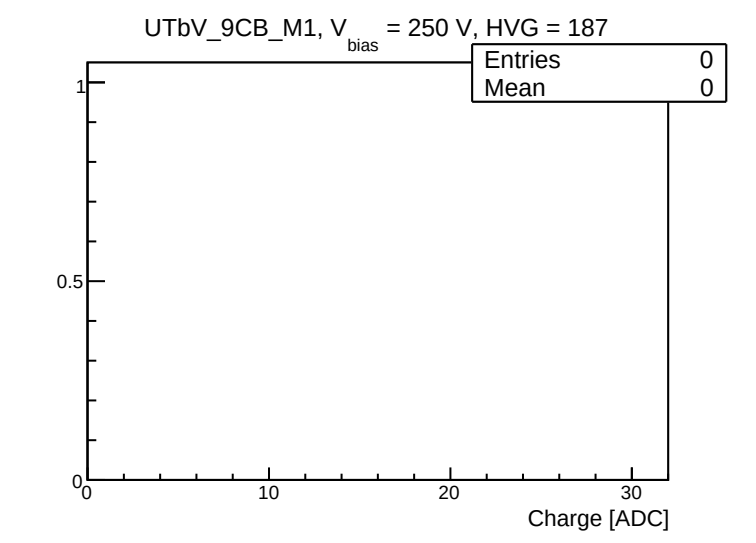

UTbV_4CB_M1, V bias = 250 V, HVG = 186
Entries 79942
Mean 13.59
10000
5000
0
0
10
20
30
Charge [ADC]

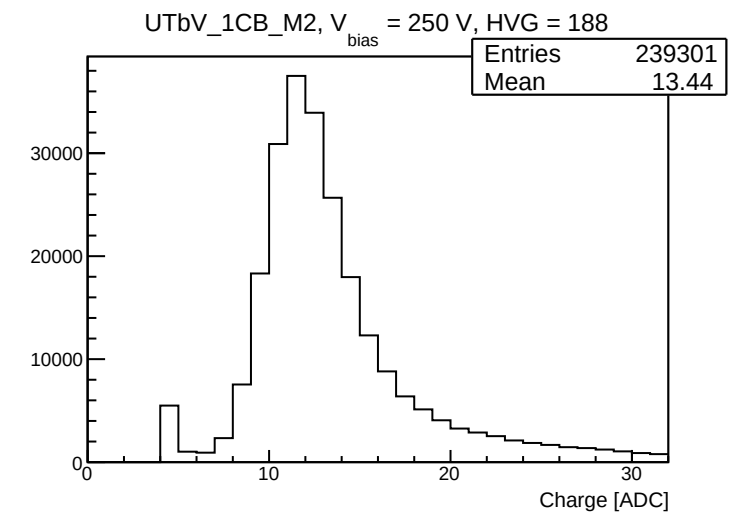

UTbV_5CB_M1, V bias = 250 V, HVG = 186
Entries 33132
Mean 13.74
4000
2000
0
0
10
20
30
Charge [ADC]

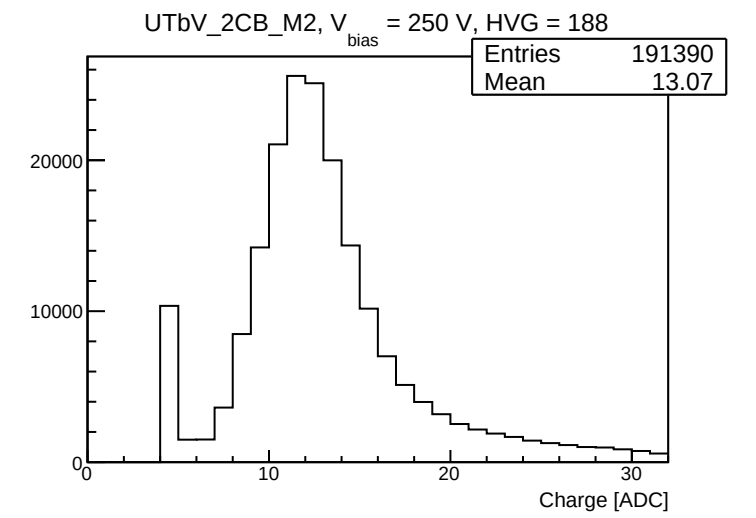

UTbV_6CB_M1, V bias = 250 V, HVG = 187
Entries 13387
Mean 13.72
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

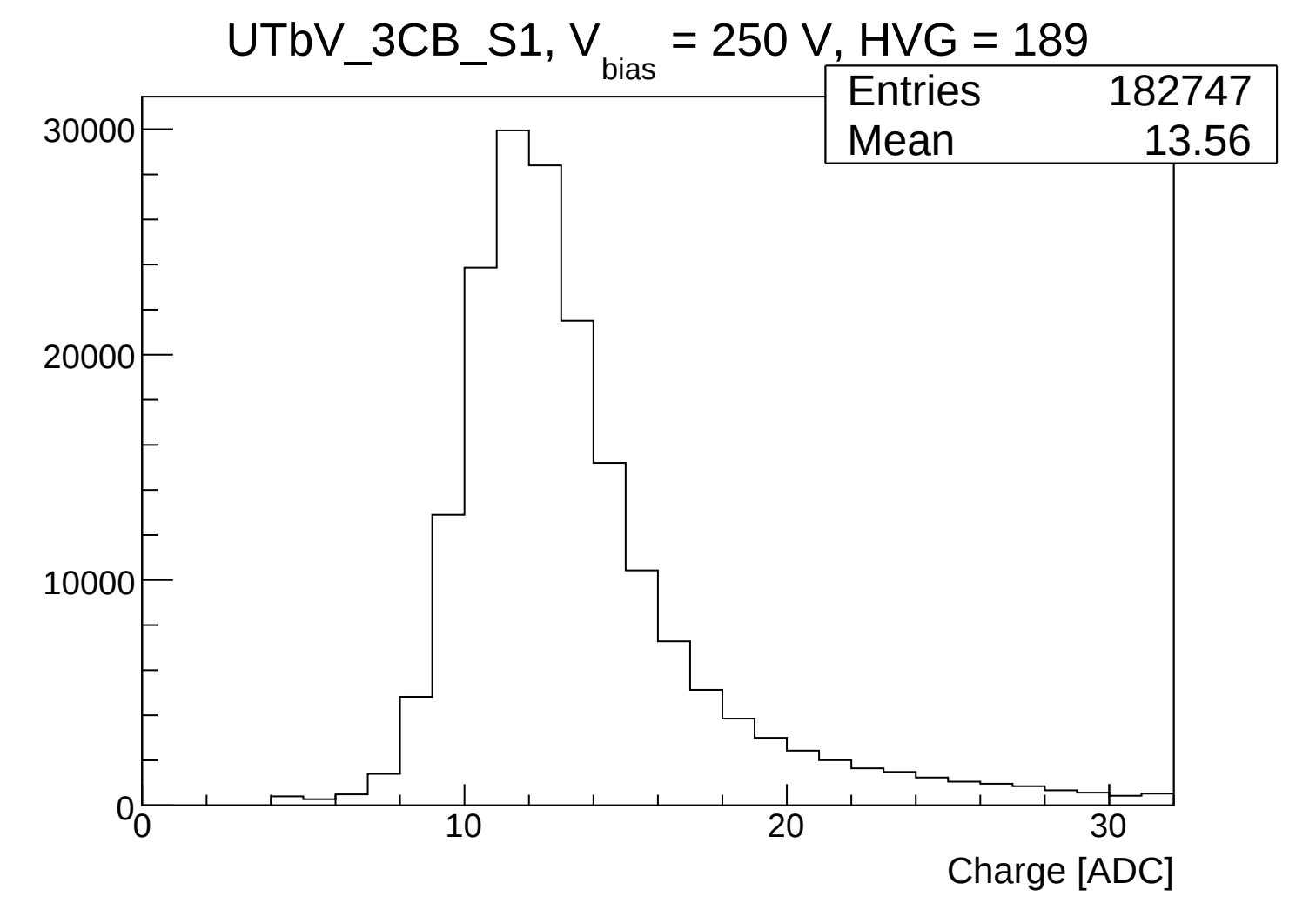

UTbV_7CB_M1, V bias = 250 V, HVG = 187
Entries 5796
Mean 13.53
800
600
400
200
0
0
10
20
30
Charge [ADC]

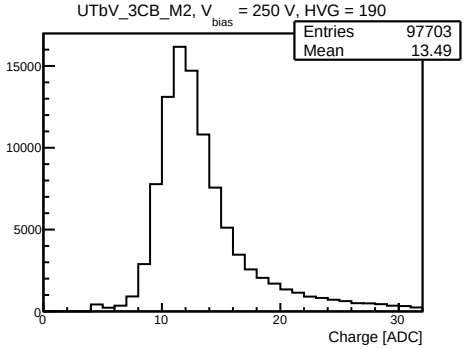

UTbV_8CB_M1, V bias = 250 V, HVG = 187
Entries 2826
Mean 11.53
400
200
0
0
10
20
30
Charge [ADC]

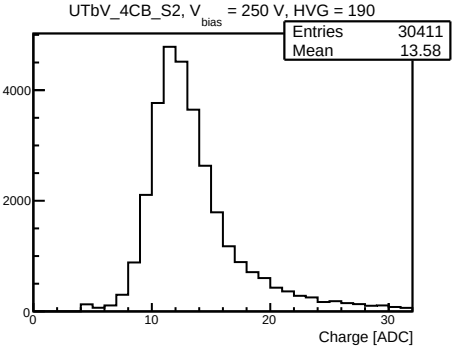

UTbV_9CB_M1, V bias = 250 V, HVG = 187
Entries 0
Mean 0
1
0.5
0
0
10
20
30
Charge [ADC]

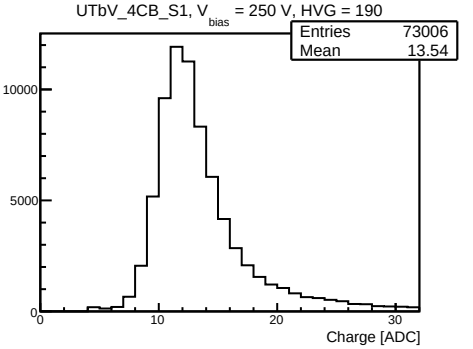

UTbV_1CB_M2, V bias = 250 V, HVG = 188
Entries 239301
Mean 13.44
30000
20000
10000
0
0
10
20
30
Charge [ADC]

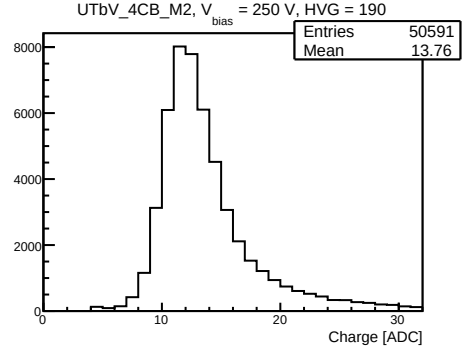

UTbV_2CB_M2, V bias = 250 V, HVG = 188
Entries 191390
Mean 13.07
20000
10000
0
0
10
20
30
Charge [ADC]

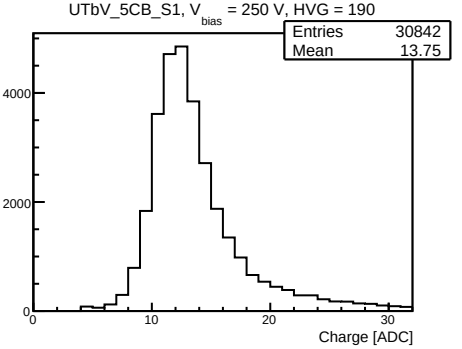

UTbV_3CB_S1, V bias = 250 V, HVG = 189
Entries 182747
Mean 13.56
30000
20000
10000
0
0
10
20
30
Charge [ADC]

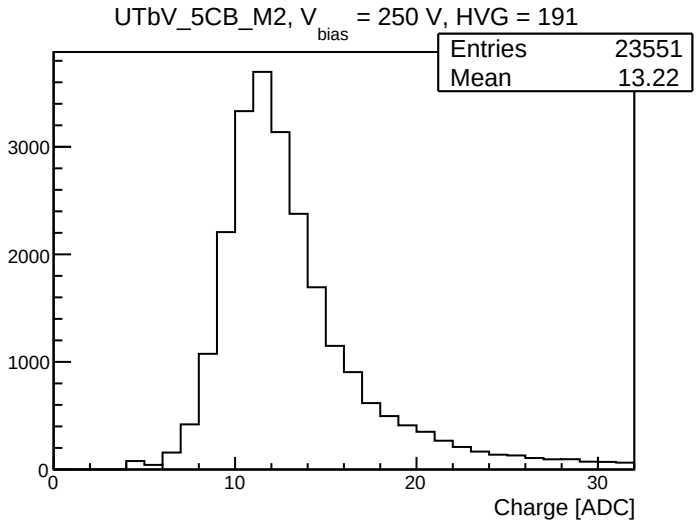

UTbV_3CB_M2, V bias = 250 V, HVG = 190
Entries 97703
Mean 13.49
Charge [ADC]

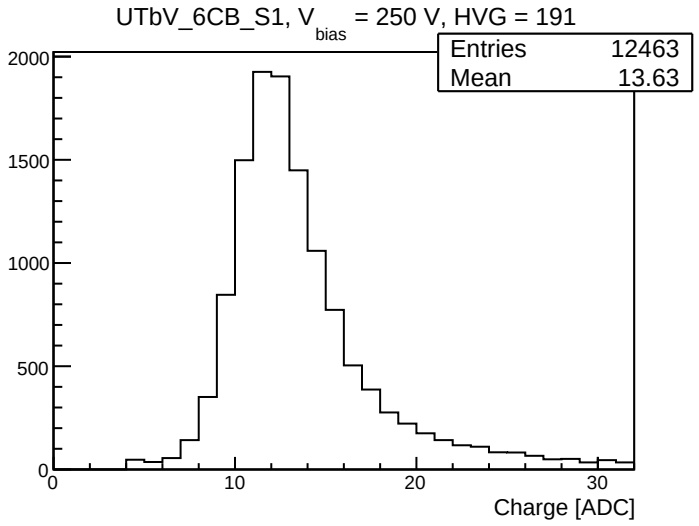

UTbV_4CB_S2, V bias = 250 V, HVG = 190
Entries 30411
Mean 13.58
Charge [ADC]

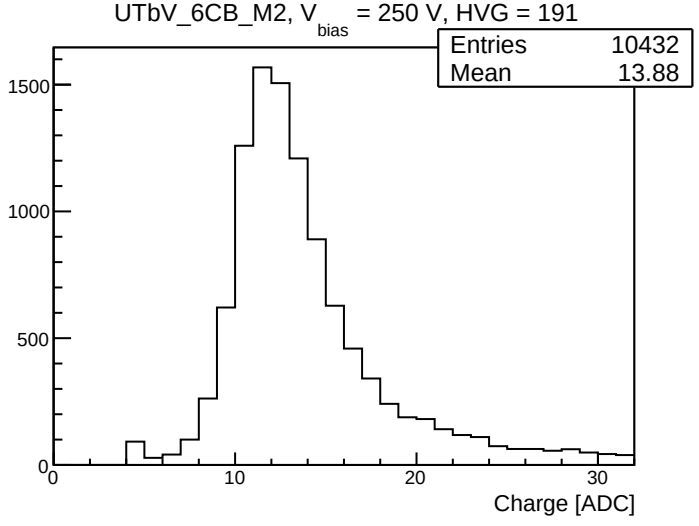

UTbV_4CB_S1, V bias = 250 V, HVG = 190
Entries 73006
Mean 13.54
Charge [ADC]

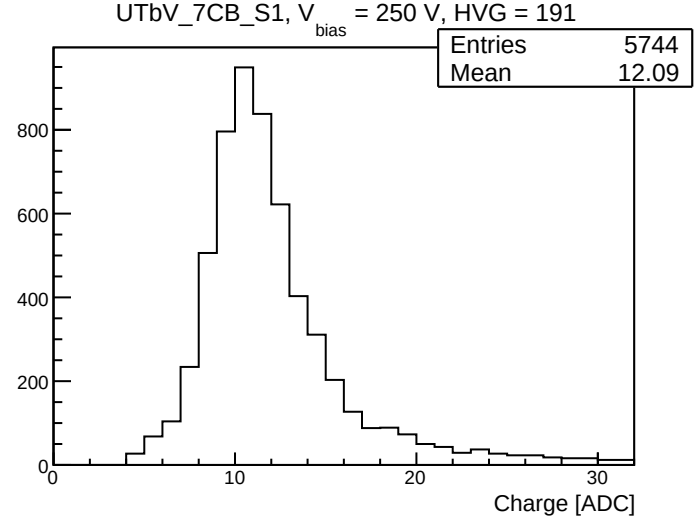

UTbV_4CB_M2, V bias = 250 V, HVG = 190
Entries 50591
Mean 13.76
Charge [ADC]

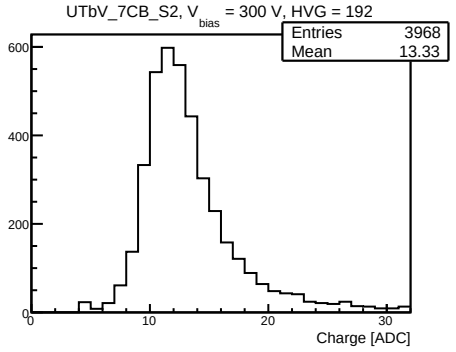

UTbV_5CB_S1, V bias = 250 V, HVG = 190
Entries 30842
Mean 13.75
Charge [ADC]

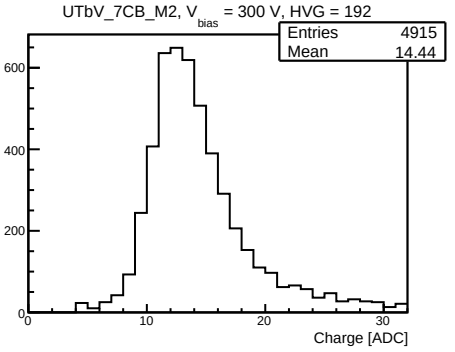

UTbV_5CB_M2, V bias = 250 V, HVG = 191
Entries 23551
Mean 13.22
3000
2000
1000
0
0
10
20
30
Charge [ADC]

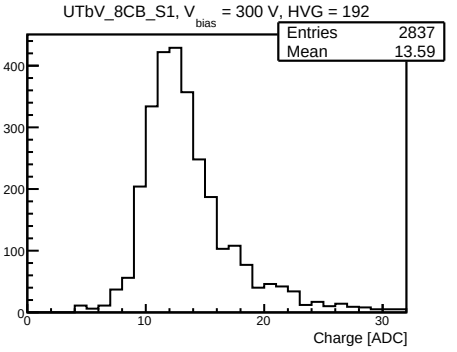

UTbV_6CB_S1, V bias = 250 V, HVG = 191
Entries 12463
Mean 13.63
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

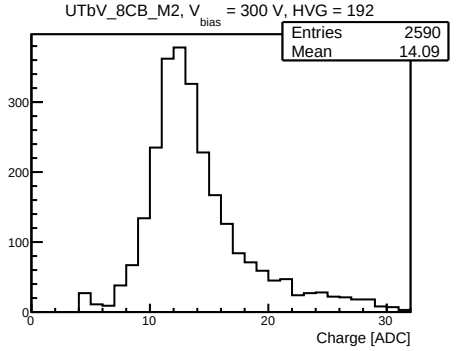

UTbV_6CB_M2, V bias = 250 V, HVG = 191
Entries 10432
Mean 13.88
1500
1000
500
0
0
10
20
30
Charge [ADC]

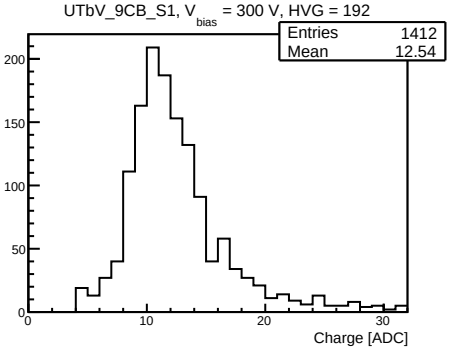

UTbV_7CB_S1, V bias = 250 V, HVG = 191
Entries 5744
Mean 12.09
800
600
400
200
0
0
10
20
30
Charge [ADC]

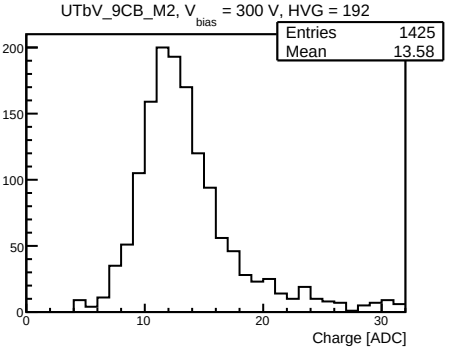

UTbV_7CB_S2, V bias = 300 V, HVG = 192
Entries 3968
Mean 13.33
Charge [ADC]

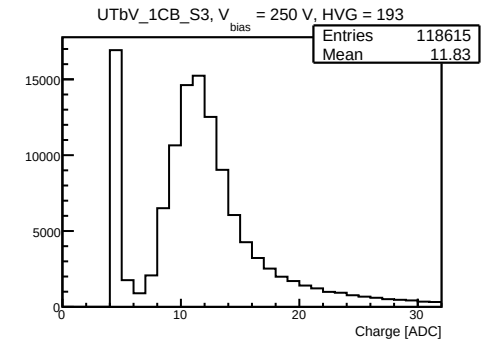

UTbV_7CB_M2, V bias = 300 V, HVG = 192
Entries 4915
Mean 14.44
Charge [ADC]

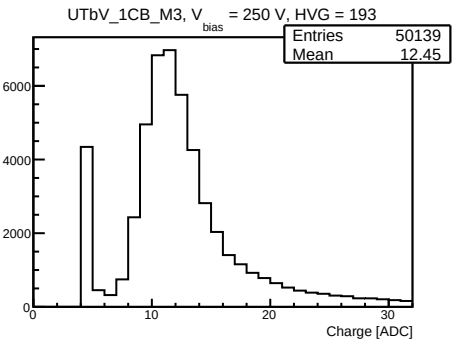

UTbV_8CB_S1, V bias = 300 V, HVG = 192
Entries 2837
Mean 13.59
Charge [ADC]

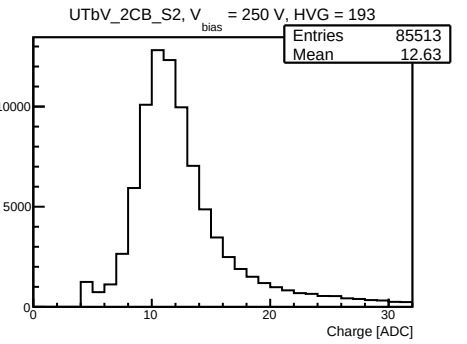

UTbV_8CB_M2, V bias = 300 V, HVG = 192
Entries 2590
Mean 14.09
Charge [ADC]

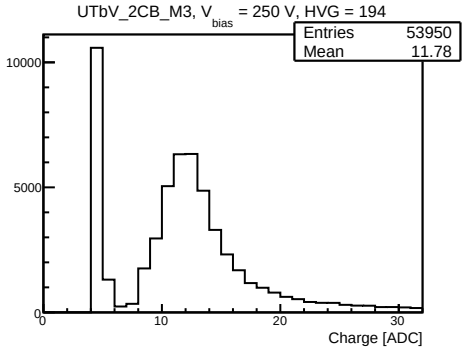

UTbV_9CB_S1, V bias = 300 V, HVG = 192
Entries 1412
Mean 12.54
Charge [ADC]

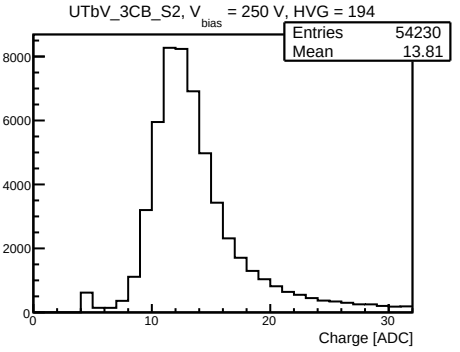

UTbV_9CB_M2, V bias = 300 V, HVG = 192
Entries 1425
Mean 13.58
Charge [ADC]

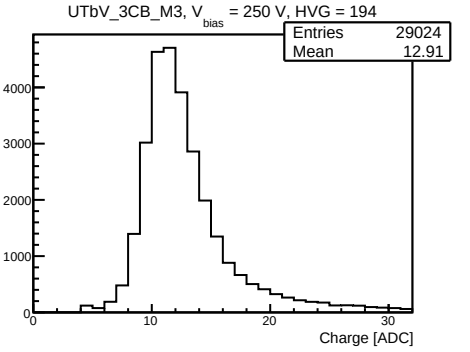

UTbV_1CB_S3, V bias = 250 V, HVG = 193
Entries 118615
Mean 11.83
15000
10000
5000
0
0
10
20
30
Charge [ADC]

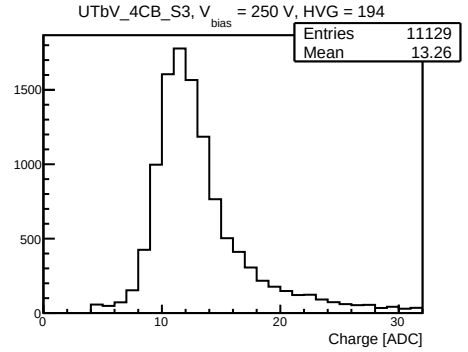

UTbV_1CB_M3, V bias = 250 V, HVG = 193
Entries 50139
Mean 12.45
6000
4000
2000
0
0
10
20
30
Charge [ADC]

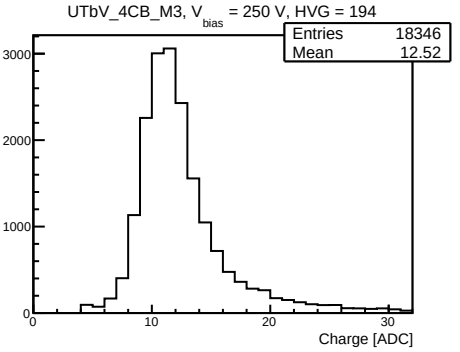

UTbV_2CB_S2, V bias = 250 V, HVG = 193
Entries 85513
Mean 12.63
10000
5000
0
0
10
20
30
Charge [ADC]

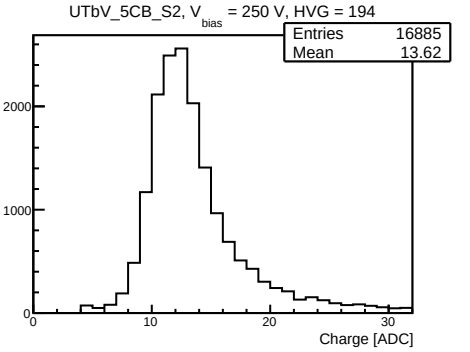

UTbV_2CB_M3, V bias = 250 V, HVG = 194
Entries 53950
Mean 11.78
Charge [ADC]

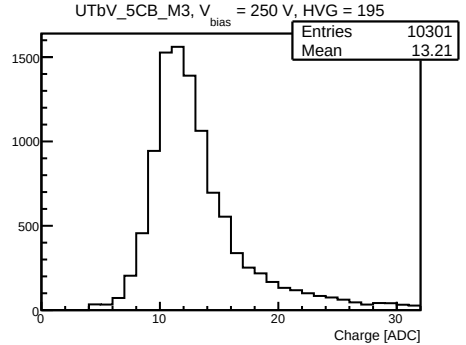

UTbV_3CB_S2, V bias = 250 V, HVG = 194
Entries 54230
Mean 13.81
Charge [ADC]

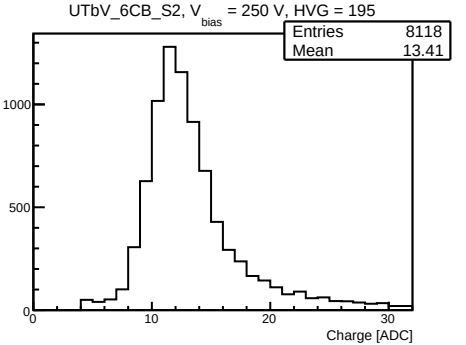

UTbV_3CB_M3, V bias = 250 V, HVG = 194
Entries 29024
Mean 12.91
Charge [ADC]

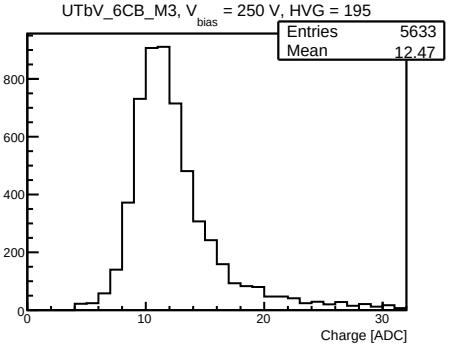

UTbV_4CB_S3, V bias = 250 V, HVG = 194
Entries 11129
Mean 13.26
Charge [ADC]

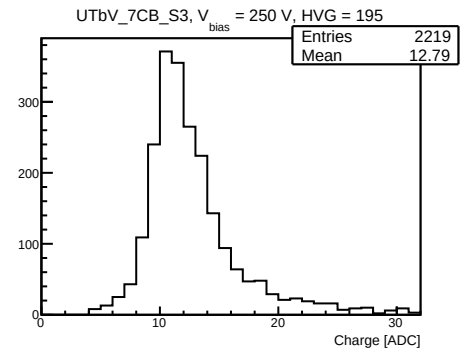

UTbV_4CB_M3, V bias = 250 V, HVG = 194
Entries 18346
Mean 12.52
Charge [ADC]

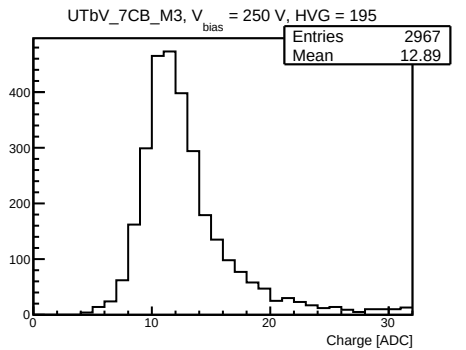

UTbV_5CB_S2, V bias = 250 V, HVG = 194
Entries 16885
Mean 13.62
Charge [ADC]

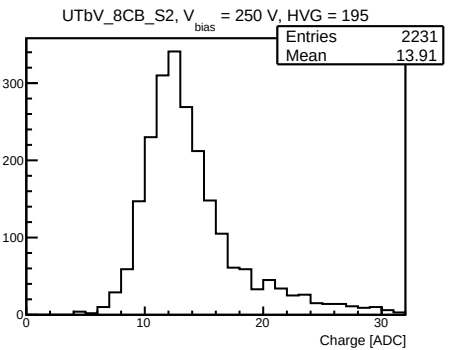

UTbV_5CB_M3, V bias = 250 V, HVG = 195
Entries 10301
Mean 13.21
Charge [ADC]

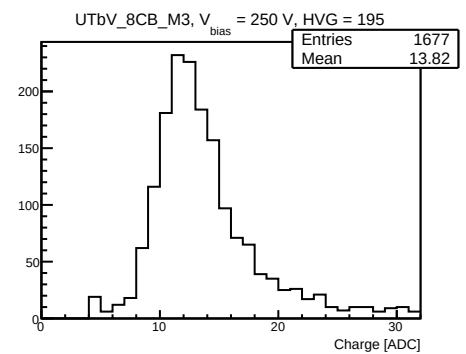

UTbV_6CB_S2, V bias = 250 V, HVG = 195
Entries 8118
Mean 13.41
Charge [ADC]

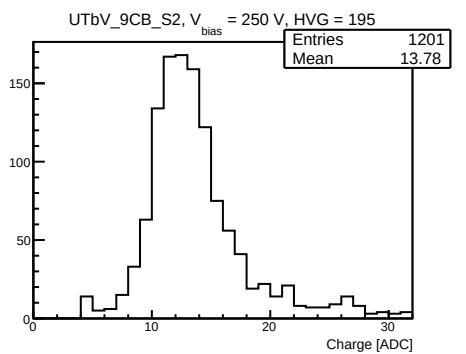

UTbV_6CB_M3, V bias = 250 V, HVG = 195
Entries 5633
Mean 12.47
Charge [ADC]

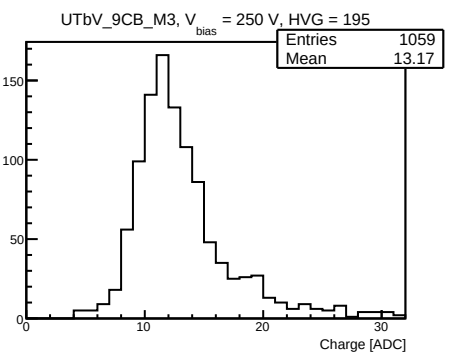

UTbV_7CB_S3, V bias = 250 V, HVG = 195
Entries 2219
Mean 12.79
Charge [ADC]

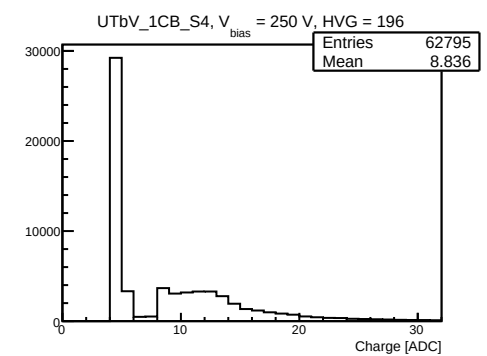

UTbV_7CB_M3, V bias = 250 V, HVG = 195
Entries 2967
Mean 12.89
Charge [ADC]

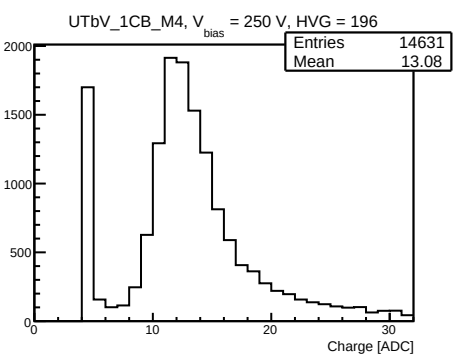

UTbV_8CB_S2, V bias = 250 V, HVG = 195
Entries 2231
Mean 13.91
Charge [ADC]

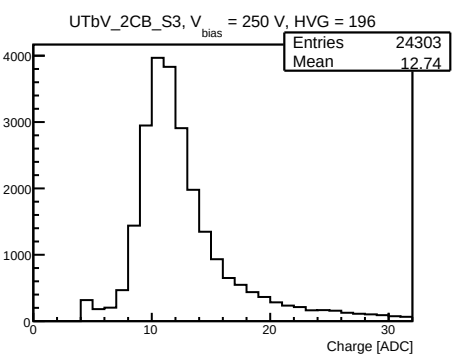

UTbV_8CB_M3, V bias = 250 V, HVG = 195
Entries 1677
Mean 13.82
Charge [ADC]

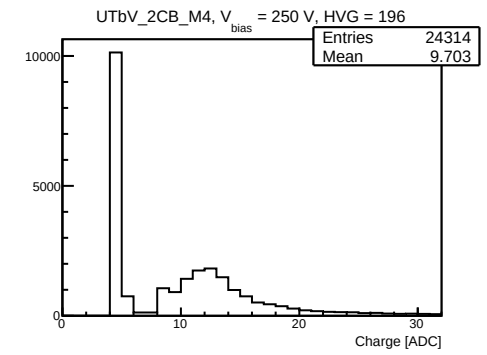

UTbV_9CB_S2, V bias = 250 V, HVG = 195
Entries 1201
Mean 13.78
Charge [ADC]

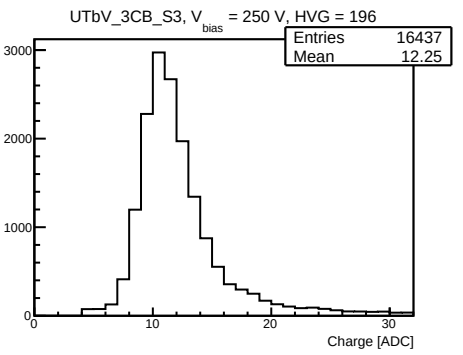

UTbV_9CB_M3, V bias = 250 V, HVG = 195
Entries 1059
Mean 13.17
Charge [ADC]

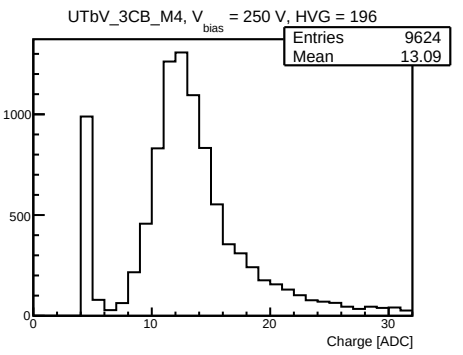

UTbV_1CB_S4, V bias = 250 V, HVG = 196
Entries 62795
Mean 8.836
Charge [ADC]

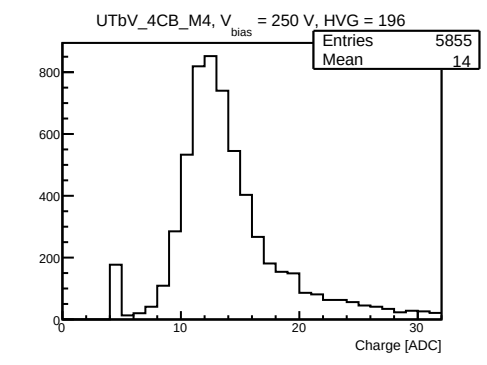

UTbV_1CB_M4, V bias = 250 V, HVG = 196
Entries 14631
Mean 13.08
Charge [ADC]

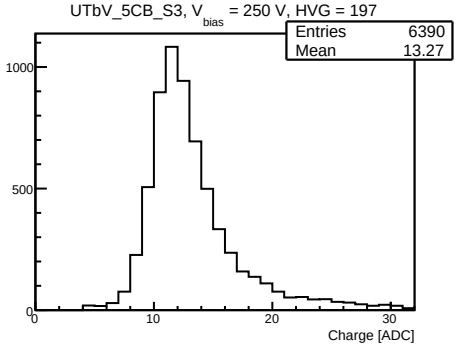

UTbV_2CB_S3, V bias = 250 V, HVG = 196
Entries 24303
Mean 12.74
Charge [ADC]

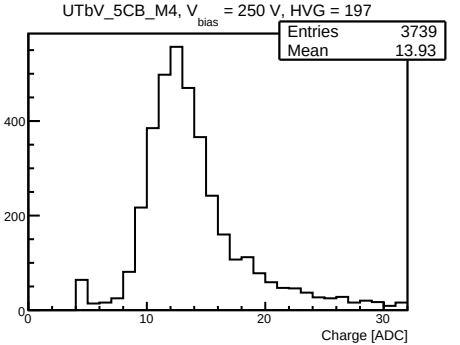

UTbV_2CB_M4, V bias = 250 V, HVG = 196
Entries 24314
Mean 9.703
Charge [ADC]

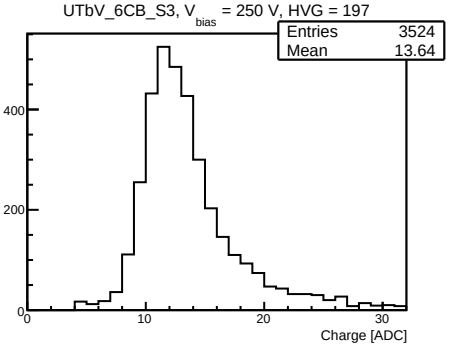

UTbV_3CB_S3, V bias = 250 V, HVG = 196
Entries 16437
Mean 12.25
Charge [ADC]

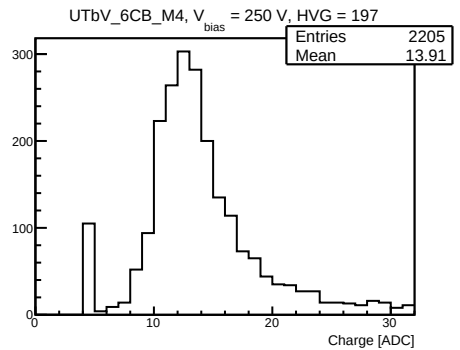

UTbV_3CB_M4, V bias = 250 V, HVG = 196
Entries 9624
Mean 13.09
Charge [ADC]

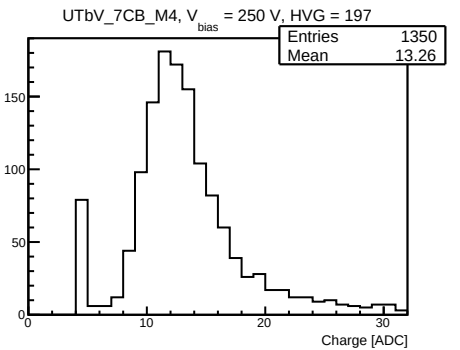

UTbV_4CB_M4, V bias = 250 V, HVG = 196
Entries 5855
Mean 14
Charge [ADC]

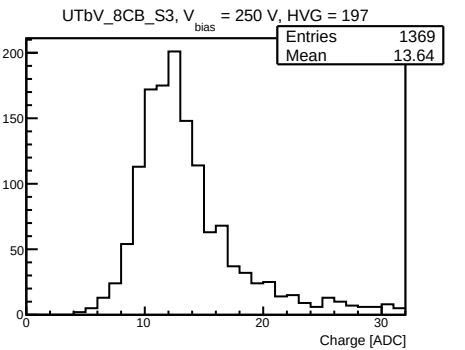

UTbV_5CB_S3, V bias = 250 V, HVG = 197
Entries 6390
Mean 13.27
Charge [ADC]

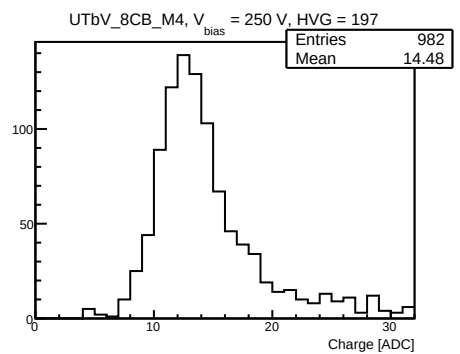

UTbV_5CB_M4, V bias = 250 V, HVG = 197
Entries 3739
Mean 13.93
Charge [ADC]

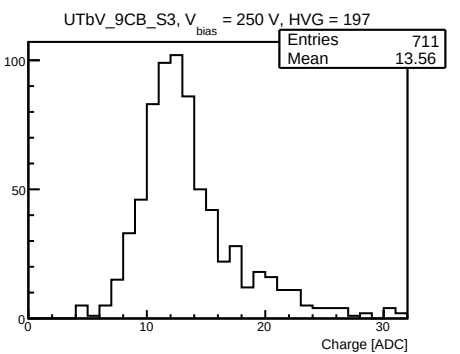

UTbV_6CB_S3, V bias = 250 V, HVG = 197
Entries 3524
Mean 13.64
Charge [ADC]

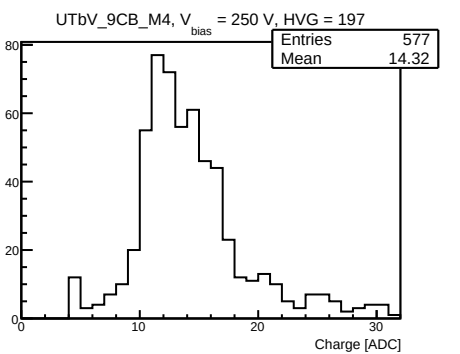

UTbV_6CB_M4, V bias = 250 V, HVG = 197
Entries 2205
Mean 13.91
Charge [ADC]

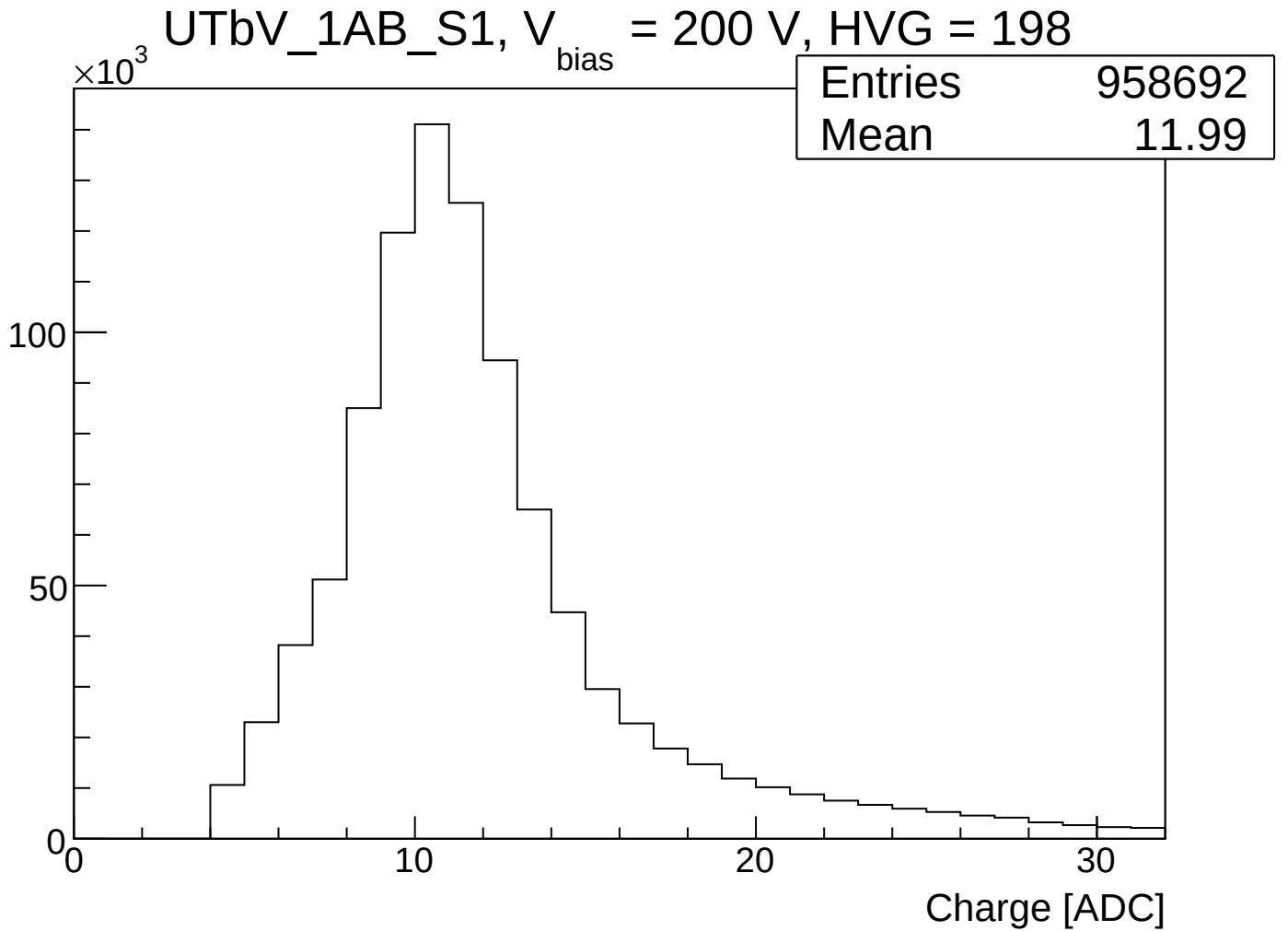

UTbV_7CB_M4, V bias = 250 V, HVG = 197
Entries 1350
Mean 13.26
Charge [ADC]

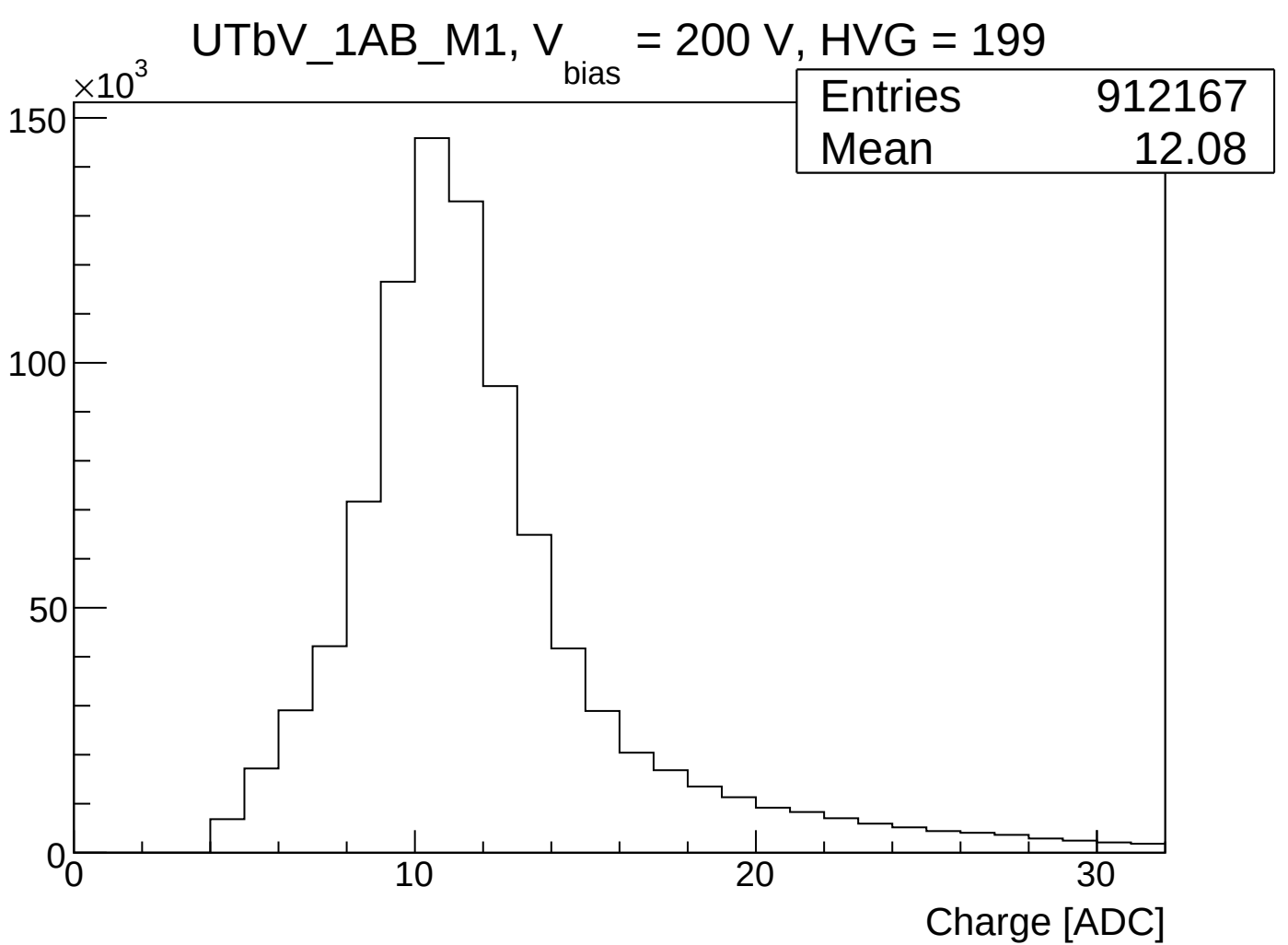

UTbV_8CB_S3, V bias = 250 V, HVG = 197
Entries 1369
Mean 13.64
Charge [ADC]

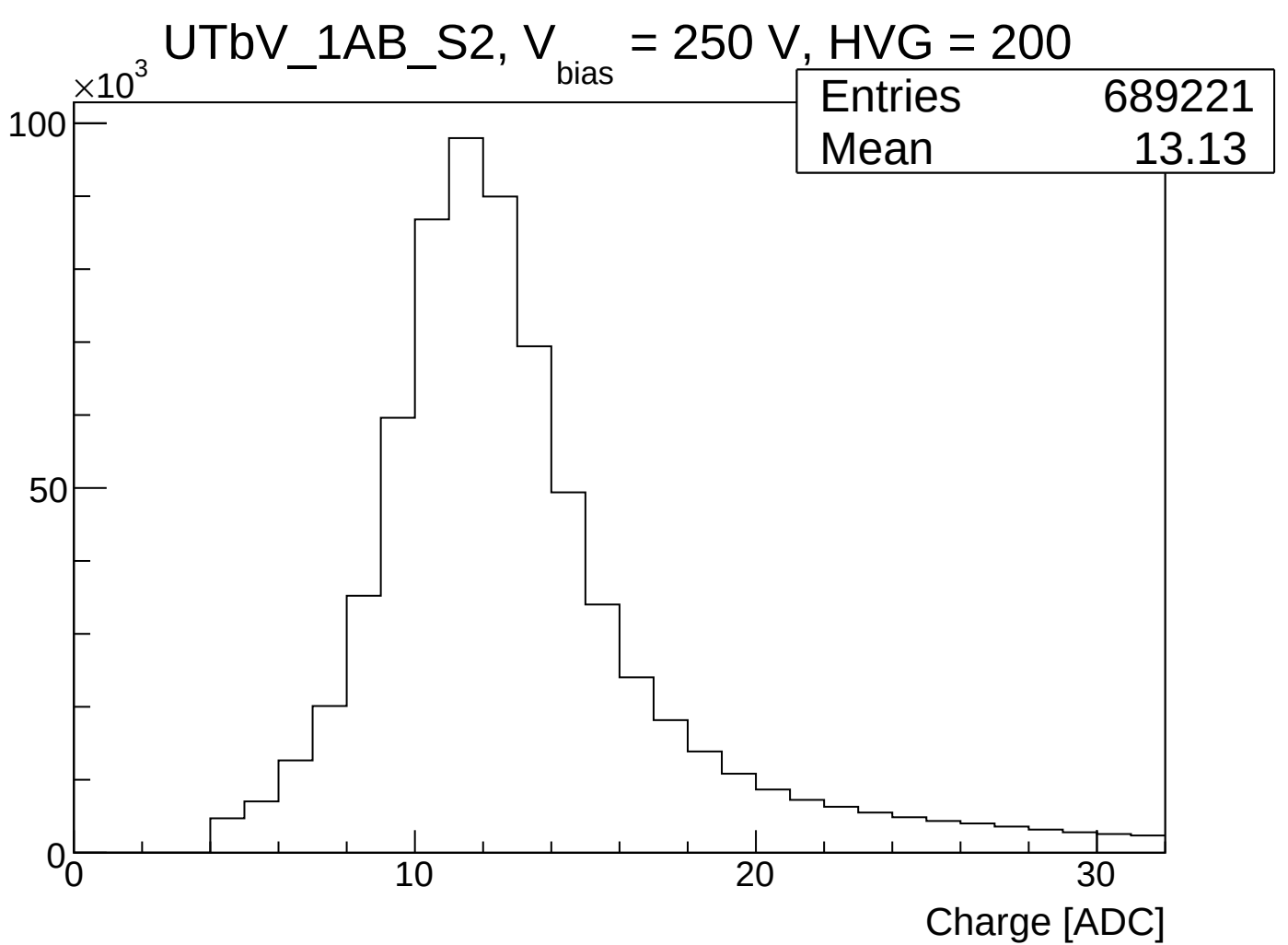

UTbV_8CB_M4, V bias = 250 V, HVG = 197
Entries 982
Mean 14.48
Charge [ADC]

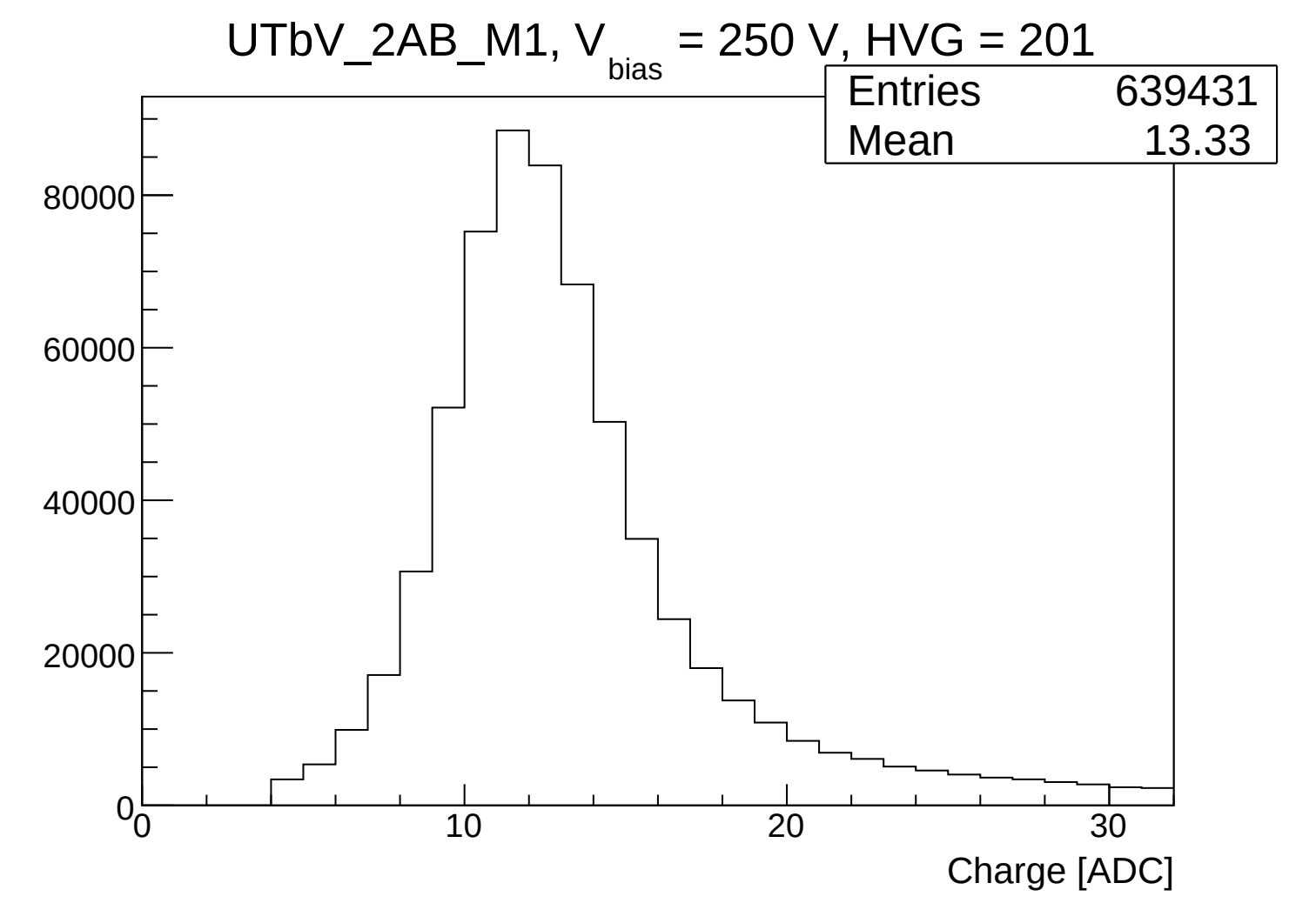

UTbV_9CB_S3, V bias = 250 V, HVG = 197
Entries 711
Mean 13.56
Charge [ADC]

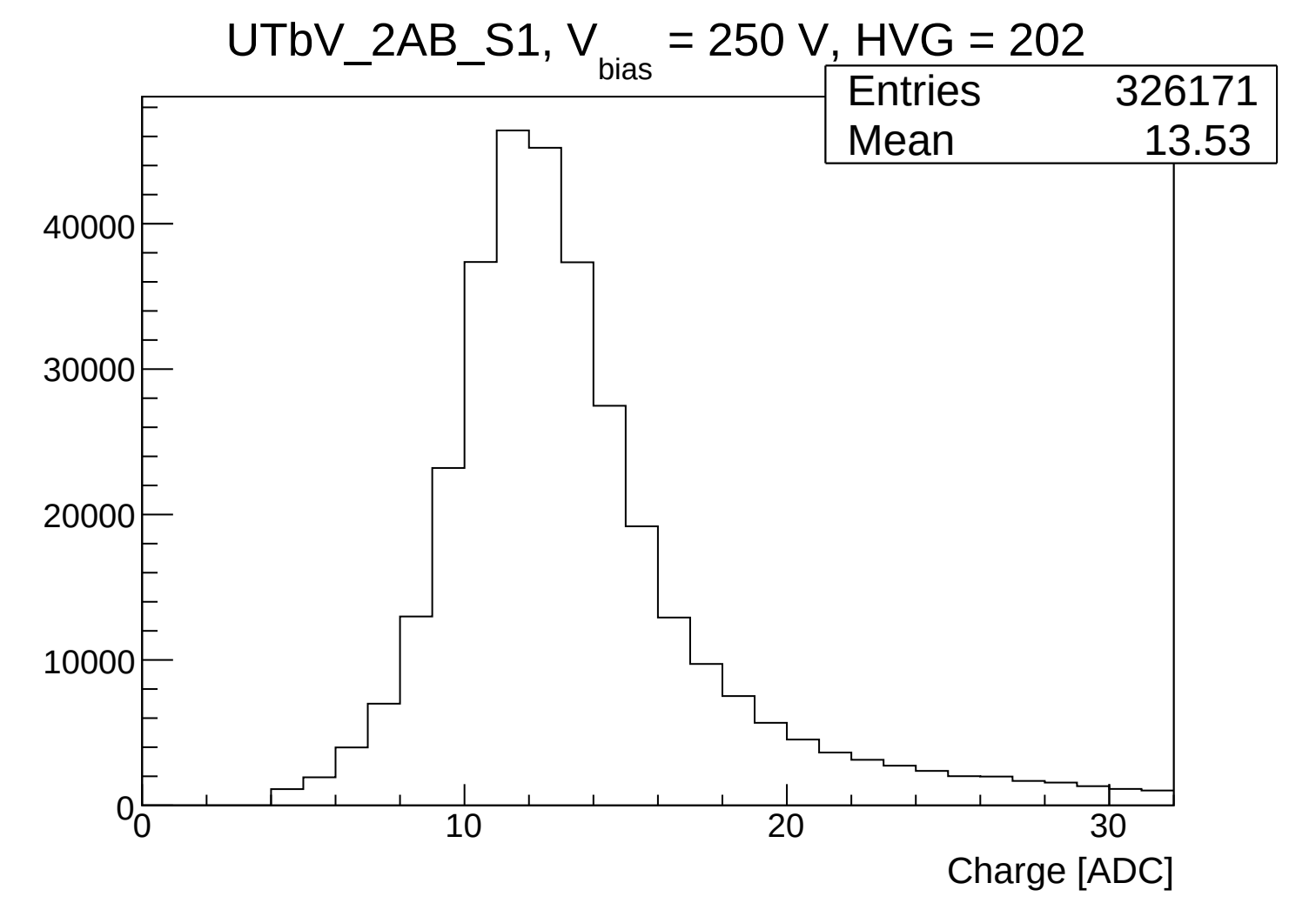

UTbV_9CB_M4, V bias = 250 V, HVG = 197
Entries 577
Mean 14.32
Charge [ADC]

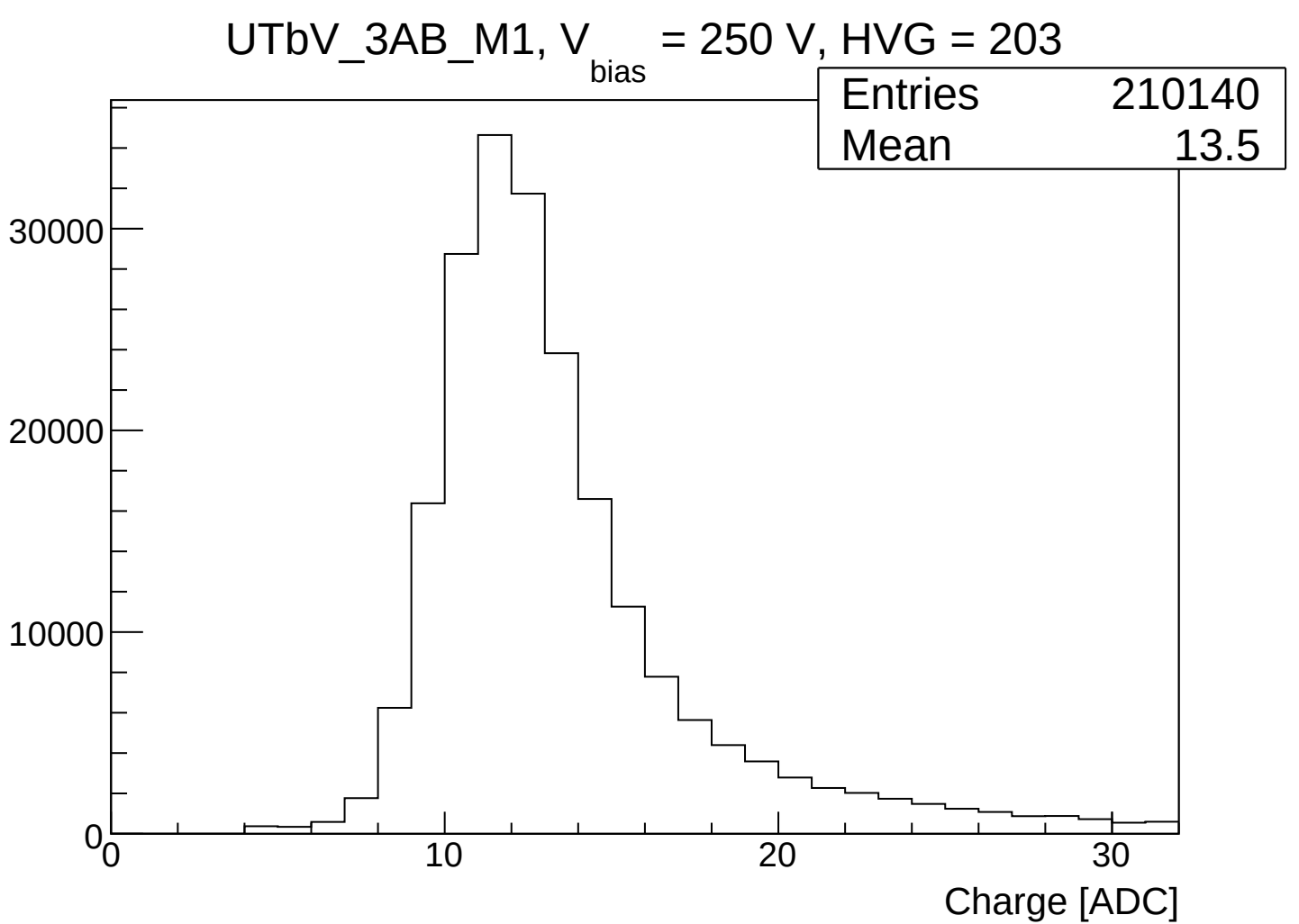

UTbV_1AB_S1, V bias = 200 V, HVG = 198
×10^3
Entries 958692
Mean 11.99
100
50
0
0
10
20
30
Charge [ADC]

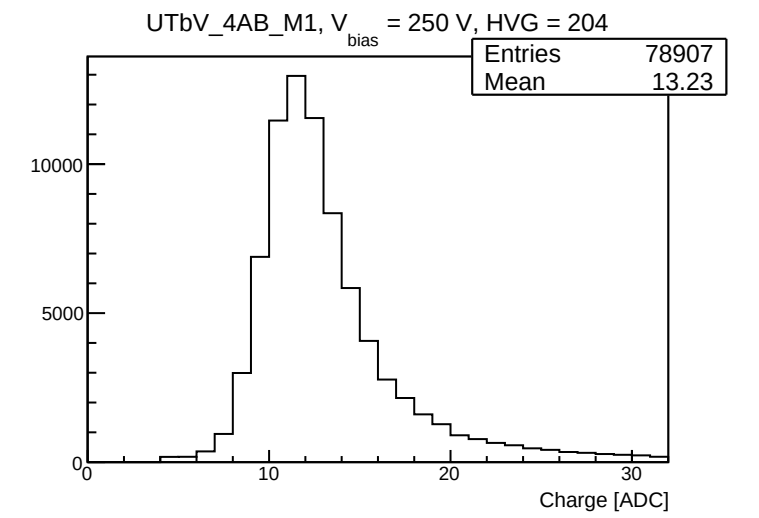

UTbV_1AB_M1, V bias = 200 V, HVG = 199
×10^3
Entries 912167
Mean 12.08
150
100
50
0
0
10
20
30
Charge [ADC]

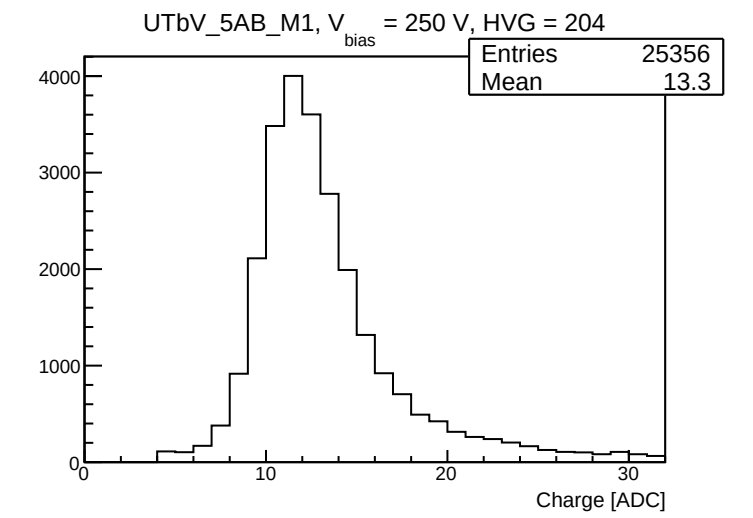

UTbV_1AB_S2, V bias = 250 V, HVG = 200
×10^3
Entries 689221
Mean 13.13
100
50
0
0
10
20
30
Charge [ADC]

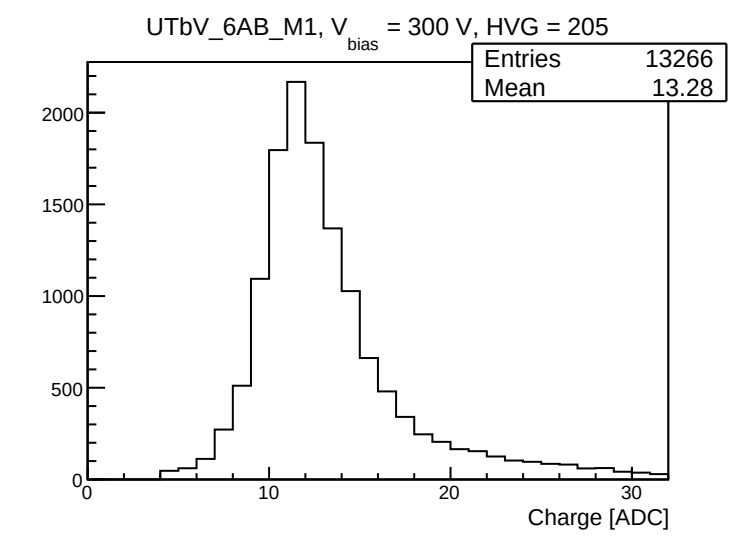

UTbV_2AB_M1, V bias = 250 V, HVG = 201
Entries 639431
Mean 13.33
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

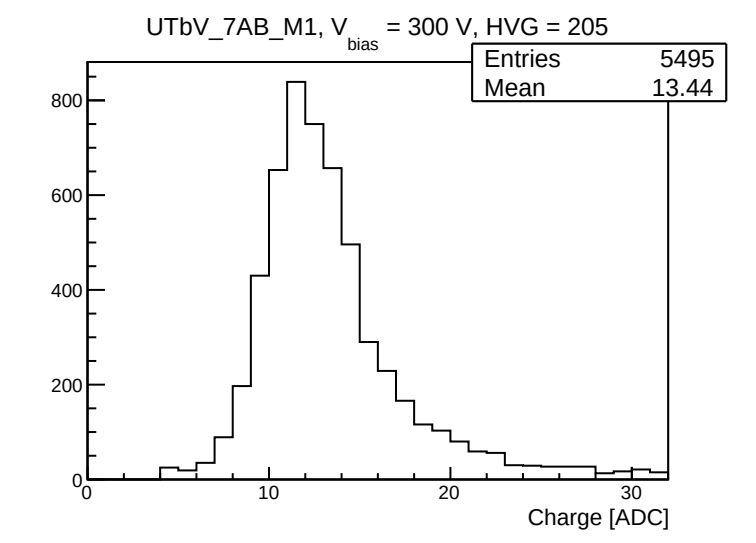

UTbV_2AB_S1, V bias = 250 V, HVG = 202
Entries 326171
Mean 13.53
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

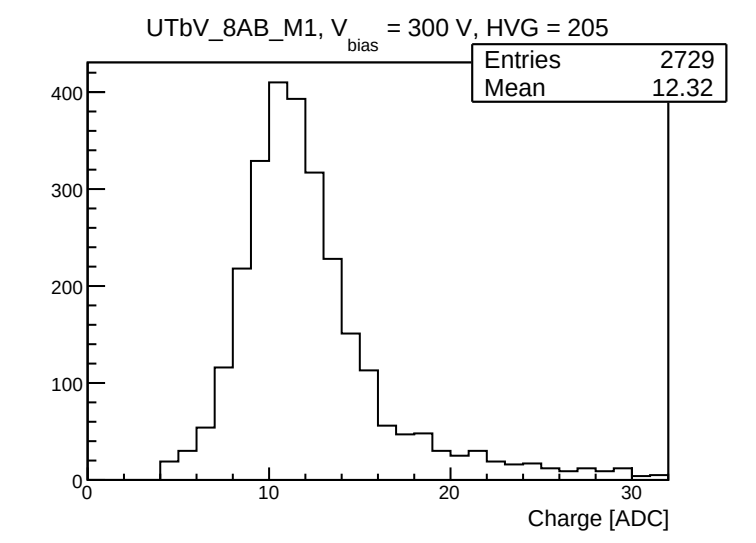

UTbV_3AB_M1, V bias = 250 V, HVG = 203
Entries 210140
Mean 13.5
30000
20000
10000
0
0
10
20
30
Charge [ADC]

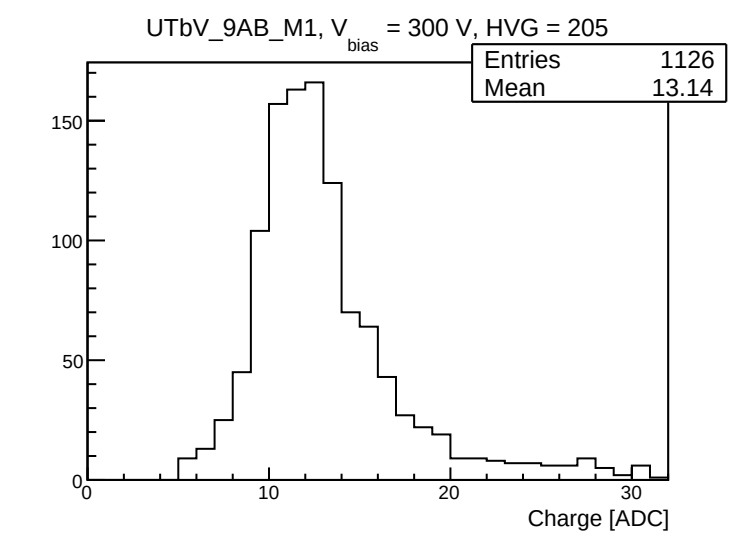

UTbV_4AB_M1, V bias = 250 V, HVG = 204
Entries 78907
Mean 13.23
10000
5000
0
0
10
20
30
Charge [ADC]

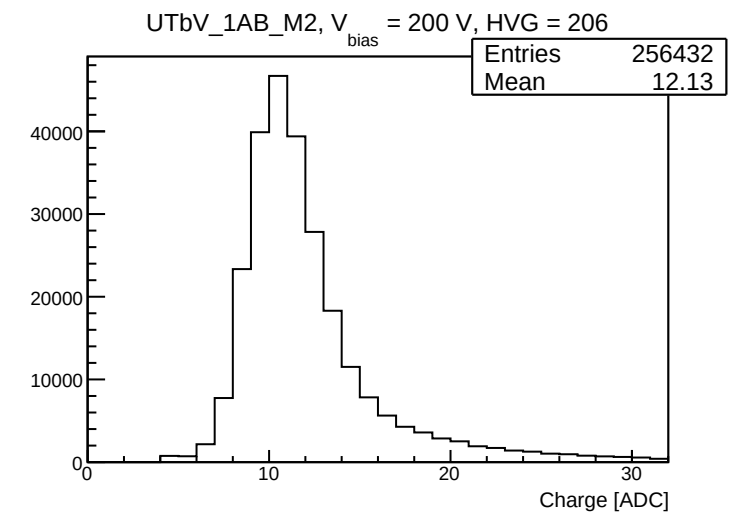

UTbV_5AB_M1, V bias = 250 V, HVG = 204
Entries 25356
Mean 13.3
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

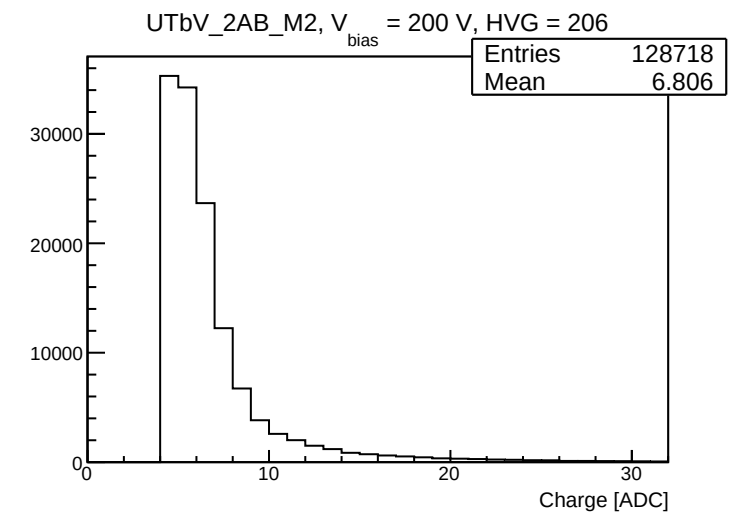

UTbV_6AB_M1, V bias = 300 V, HVG = 205
Entries 13266
Mean 13.28
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

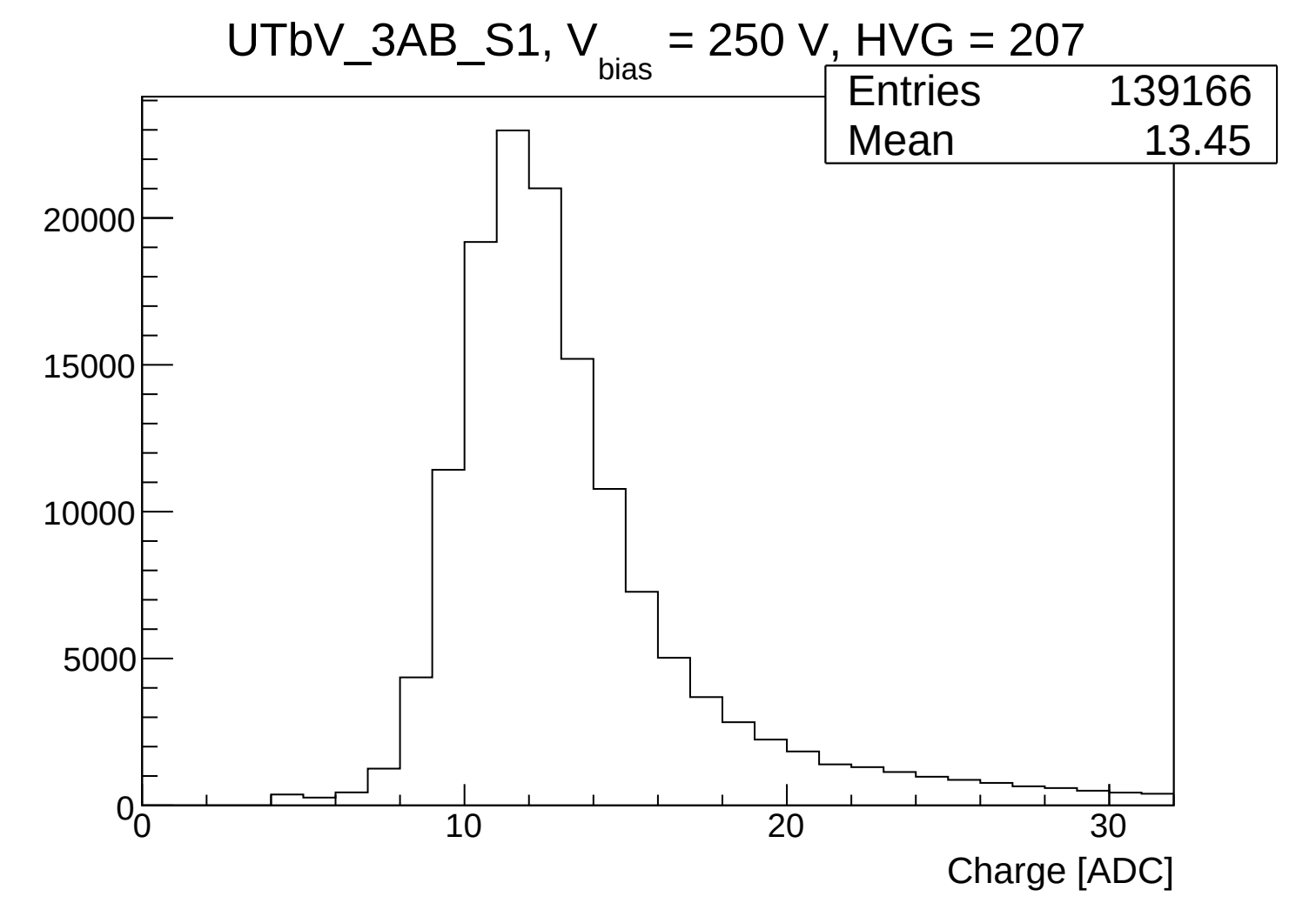

UTbV_7AB_M1, V bias = 300 V, HVG = 205
Entries 5495
Mean 13.44
800
600
400
200
0
0
10
20
30
Charge [ADC]

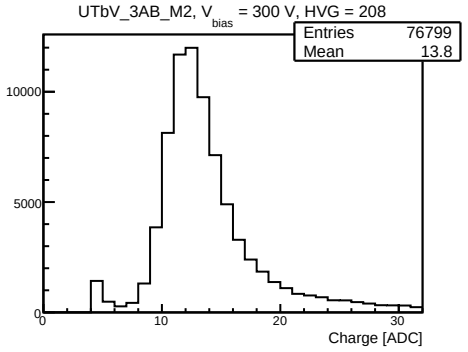

UTbV_8AB_M1, V bias = 300 V, HVG = 205
Entries 2729
Mean 12.32
400
300
200
100
0
0
10
20
30
Charge [ADC]

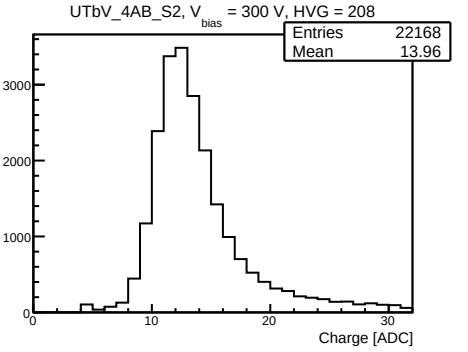

UTbV_9AB_M1, V bias = 300 V, HVG = 205
Entries 1126
Mean 13.14
150
100
50
0
0
10
20
30
Charge [ADC]

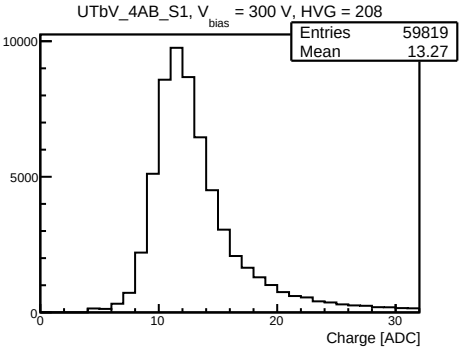

UTbV_1AB_M2, V bias = 200 V, HVG = 206
Entries 256432
Mean 12.13
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

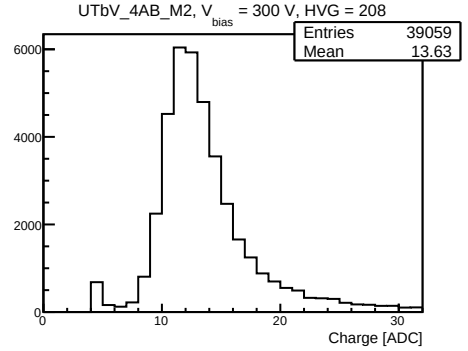

UTbV_2AB_M2, V bias = 200 V, HVG = 206
Entries 128718
Mean 6.806
30000
20000
10000
0
0
10
20
30
Charge [ADC]

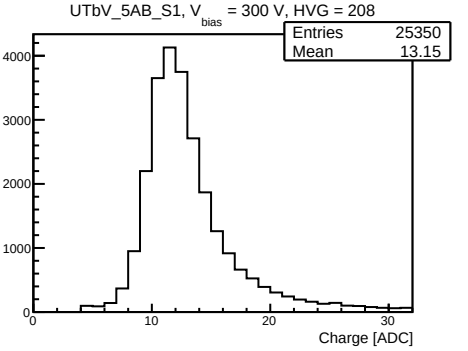

UTbV_3AB_S1, V bias = 250 V, HVG = 207
Entries 139166
Mean 13.45
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

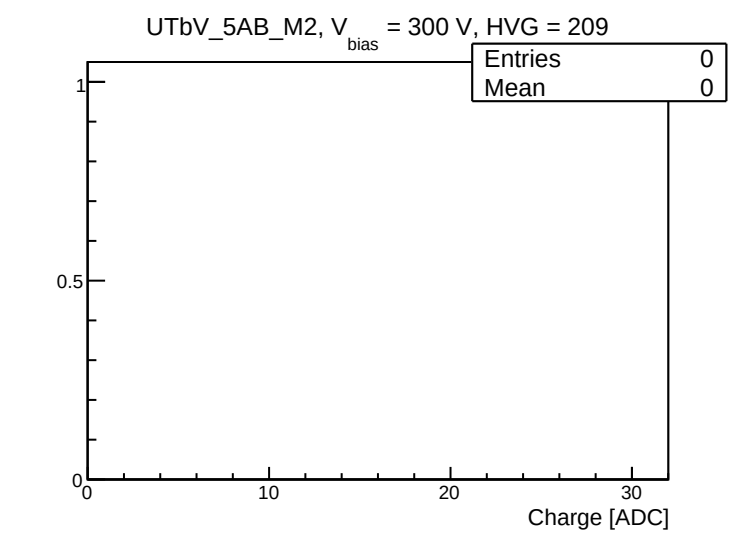

UTbV_3AB_M2, V bias = 300 V, HVG = 208
Entries 76799
Mean 13.8
10000
5000
0
0
10
20
30
Charge [ADC]

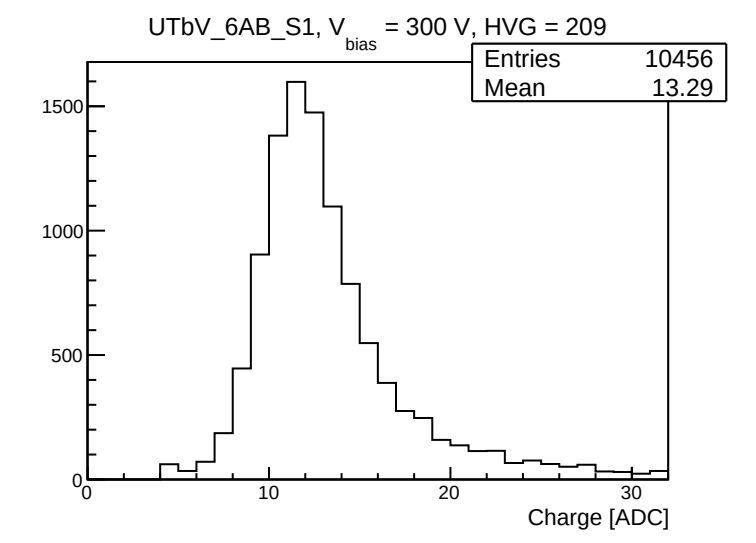

UTbV_4AB_S2, V bias = 300 V, HVG = 208
Entries 22168
Mean 13.96
3000
2000
1000
0
0
10
20
30
Charge [ADC]

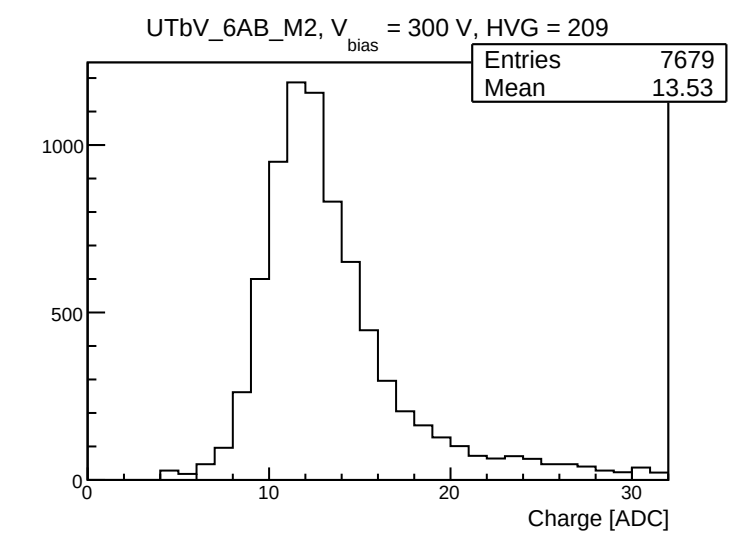

UTbV_4AB_S1, V bias = 300 V, HVG = 208
Entries 59819
Mean 13.27
10000
5000
0
0
10
20
30
Charge [ADC]

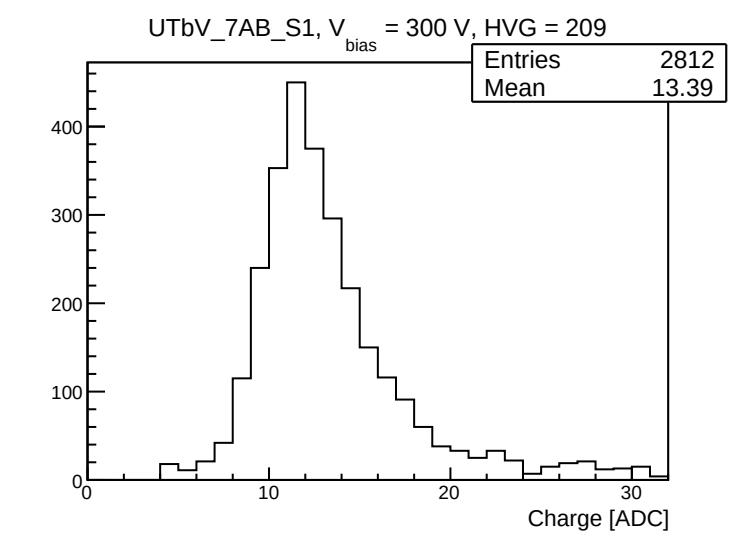

UTbV_4AB_M2, V bias = 300 V, HVG = 208
Entries 39059
Mean 13.63
6000
4000
2000
0
0
10
20
30
Charge [ADC]

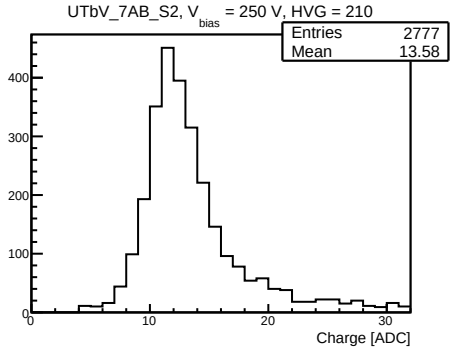

UTbV_5AB_S1, V bias = 300 V, HVG = 208
Entries 25350
Mean 13.15
4000
3000
2000
1000
0
0
10
20
30
Charge [ADC]

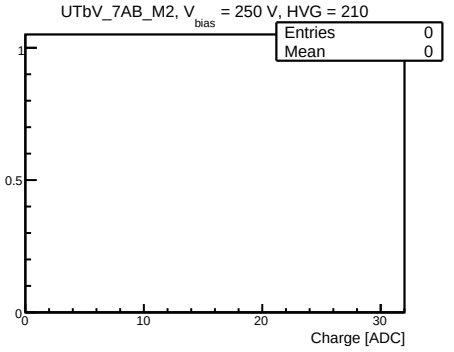

UTbV_5AB_M2, V bias = 300 V, HVG = 209
Entries 0
Mean 0
Charge [ADC]

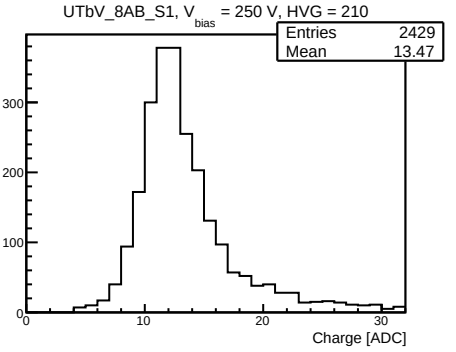

UTbV_6AB_S1, V bias = 300 V, HVG = 209
Entries 10456
Mean 13.29
Charge [ADC]

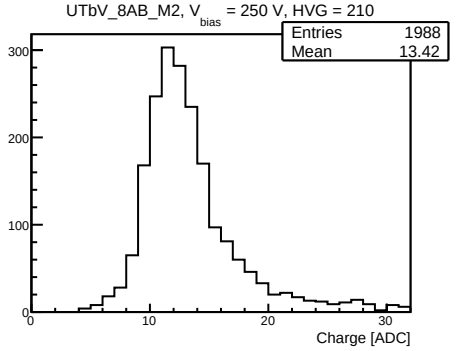

UTbV_6AB_M2, V bias = 300 V, HVG = 209
Entries 7679
Mean 13.53
Charge [ADC]

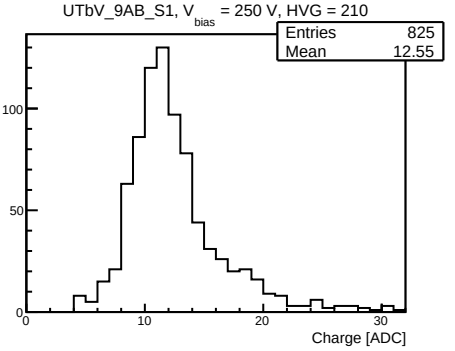

UTbV_7AB_S1, V bias = 300 V, HVG = 209
Entries 2812
Mean 13.39
Charge [ADC]

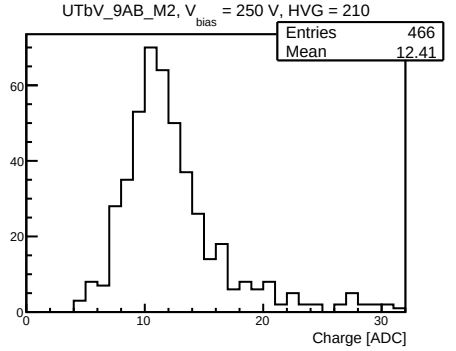

UTbV_7AB_S2, V bias = 250 V, HVG = 210
Entries 2777
Mean 13.58
Charge [ADC]

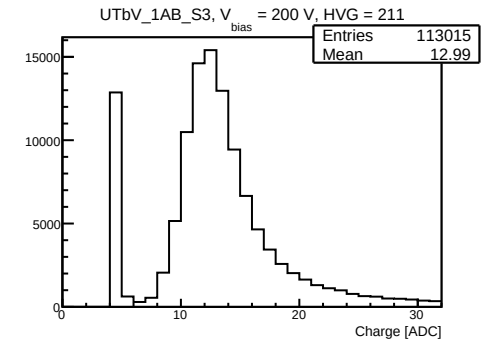

UTbV_7AB_M2, V bias = 250 V, HVG = 210
Entries 0
Mean 0
Charge [ADC]

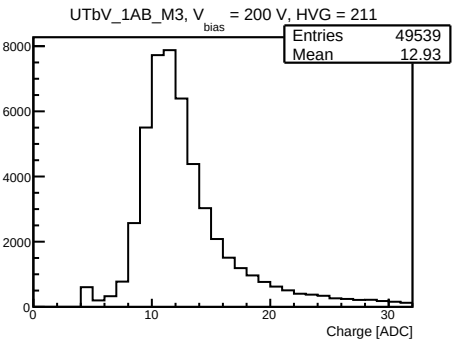

UTbV_8AB_S1, V bias = 250 V, HVG = 210
Entries 2429
Mean 13.47
Charge [ADC]

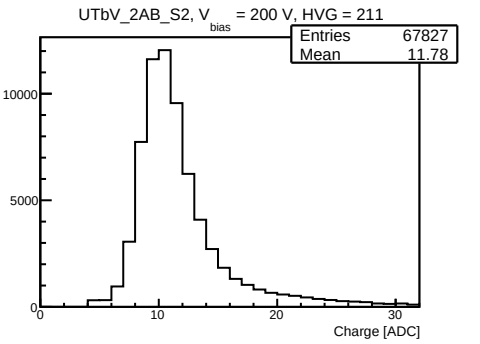

UTbV_8AB_M2, V bias = 250 V, HVG = 210
Entries 1988
Mean 13.42
Charge [ADC]

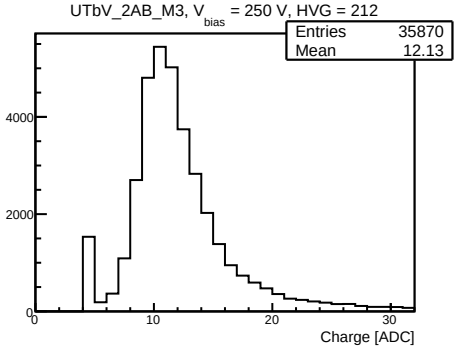

UTbV_9AB_S1, V bias = 250 V, HVG = 210
Entries 825
Mean 12.55
Charge [ADC]

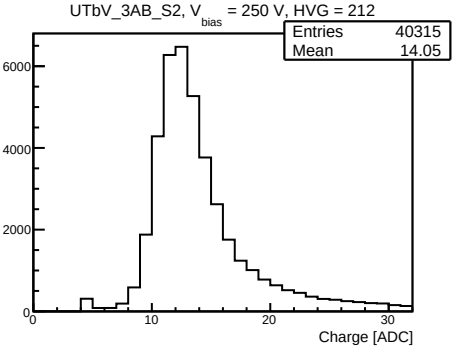

UTbV_9AB_M2, V bias = 250 V, HVG = 210
Entries 466
Mean 12.41
Charge [ADC]

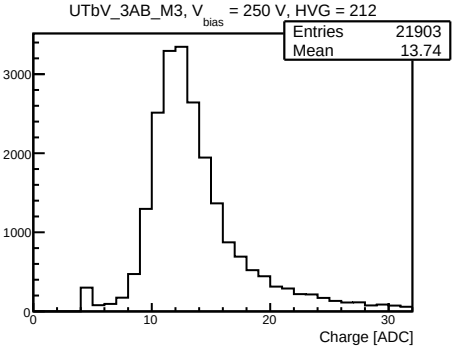

UTbV_1AB_S3, V bias = 200 V, HVG = 211
Entries 113015
Mean 12.99
15000
10000
5000
0
0
10
20
30
Charge [ADC]

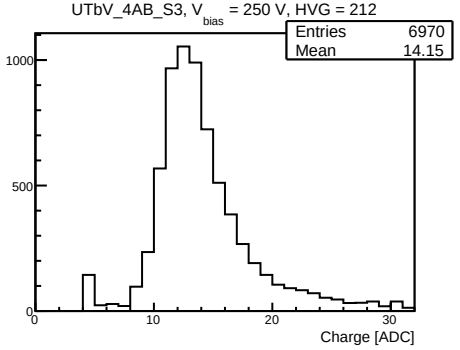

UTbV_1AB_M3, V bias = 200 V, HVG = 211
Entries 49539
Mean 12.93
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

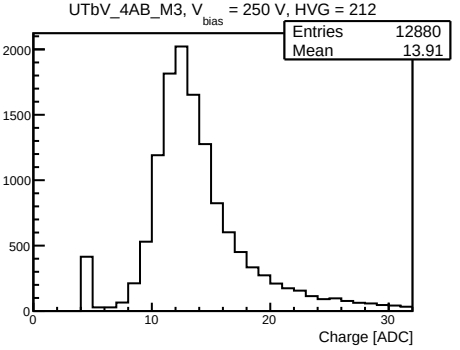

UTbV_2AB_S2, V bias = 200 V, HVG = 211
Entries 67827
Mean 11.78
10000
5000
0
0
10
20
30
Charge [ADC]

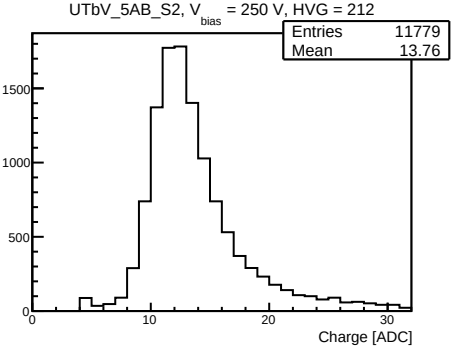

UTbV_2AB_M3, V bias = 250 V, HVG = 212
Entries 35870
Mean 12.13
Charge [ADC]

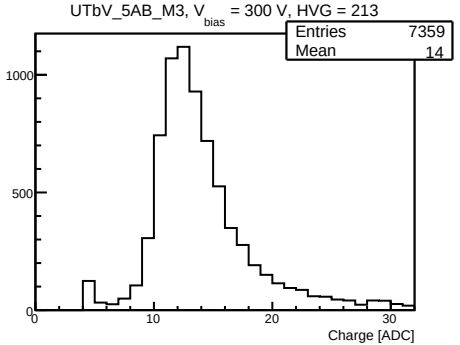

UTbV_3AB_S2, V bias = 250 V, HVG = 212
Entries 40315
Mean 14.05
Charge [ADC]

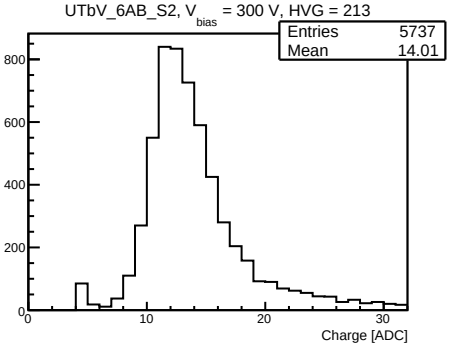

UTbV_3AB_M3, V bias = 250 V, HVG = 212
Entries 21903
Mean 13.74
Charge [ADC]

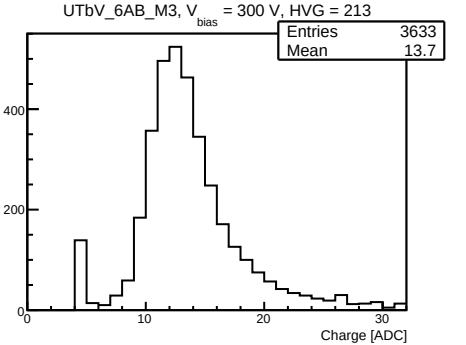

UTbV_4AB_S3, V bias = 250 V, HVG = 212
Entries 6970
Mean 14.15
Charge [ADC]

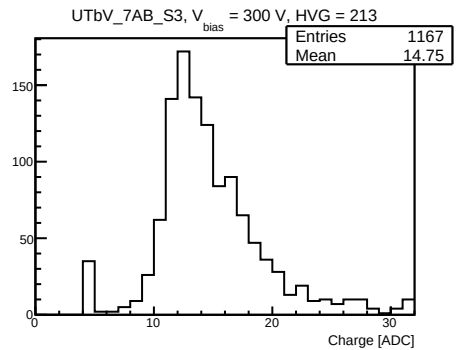

UTbV_4AB_M3, V bias = 250 V, HVG = 212
Entries 12880
Mean 13.91
Charge [ADC]

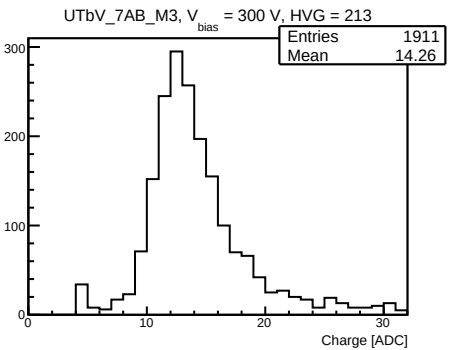

UTbV_5AB_S2, V bias = 250 V, HVG = 212
Entries 11779
Mean 13.76
Charge [ADC]

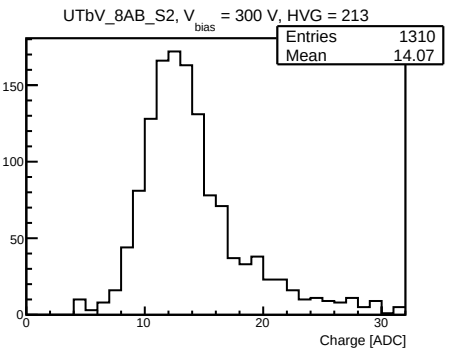

UTbV_5AB_M3, V bias = 300 V, HVG = 213
Entries 7359
Mean 14
Charge [ADC]

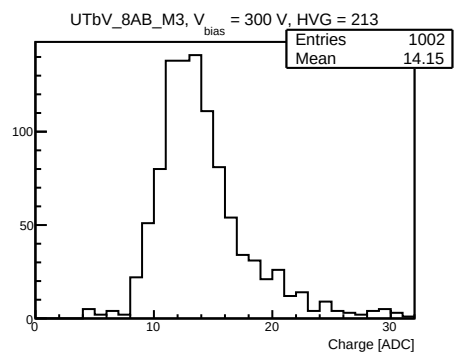

UTbV_6AB_S2, V bias = 300 V, HVG = 213
Entries 5737
Mean 14.01
Charge [ADC]

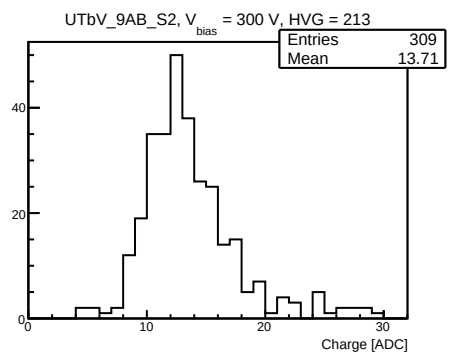

UTbV_6AB_M3, V bias = 300 V, HVG = 213
Entries 3633
Mean 13.7
Charge [ADC]

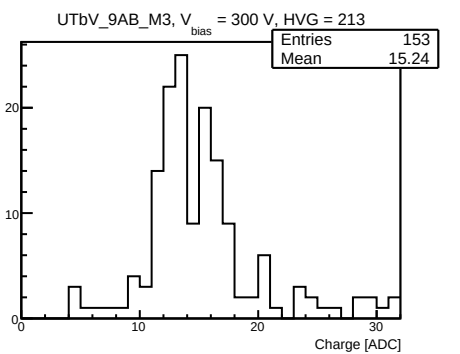

UTbV_7AB_S3, V bias = 300 V, HVG = 213
Entries 1167
Mean 14.75
Charge [ADC]

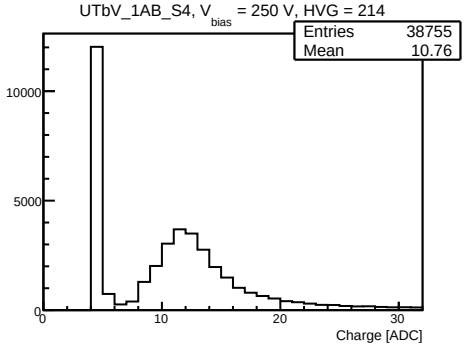

UTbV_7AB_M3, V bias = 300 V, HVG = 213
Entries 1911
Mean 14.26
Charge [ADC]

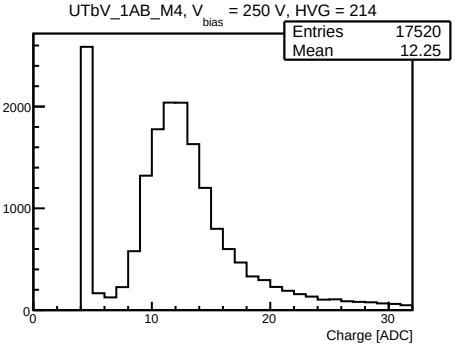

UTbV_8AB_S2, V bias = 300 V, HVG = 213
Entries 1310
Mean 14.07
Charge [ADC]

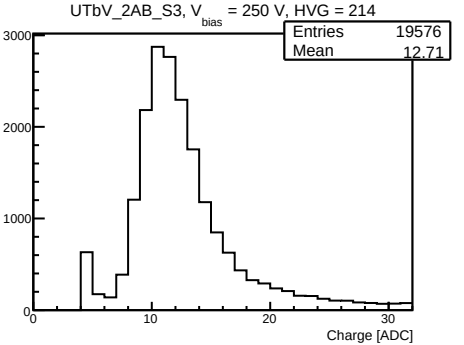

UTbV_8AB_M3, V bias = 300 V, HVG = 213
Entries 1002
Mean 14.15
Charge [ADC]

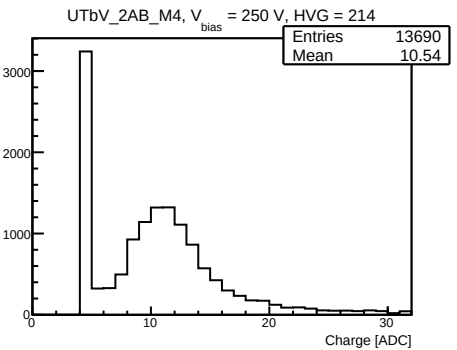

UTbV_9AB_S2, V bias = 300 V, HVG = 213
Entries 309
Mean 13.71
Charge [ADC]

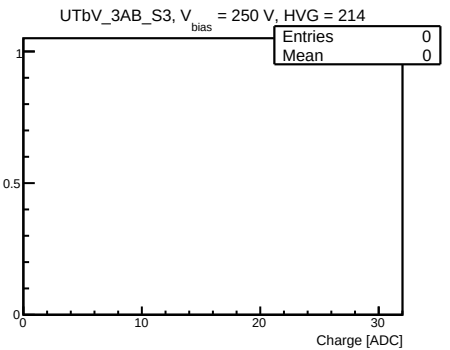

UTbV_9AB_M3, V bias = 300 V, HVG = 213
Entries 153
Mean 15.24
Charge [ADC]

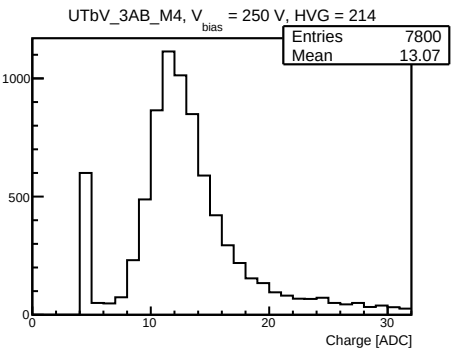

UTbV_1AB_S4, V bias = 250 V, HVG = 214
Entries 38755
Mean 10.76
Charge [ADC]

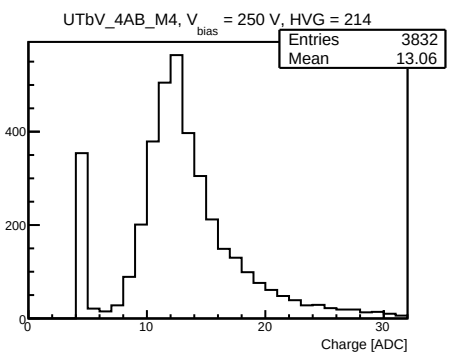

UTbV_1AB_M4, V bias = 250 V, HVG = 214
Entries 17520
Mean 12.25
Charge [ADC]

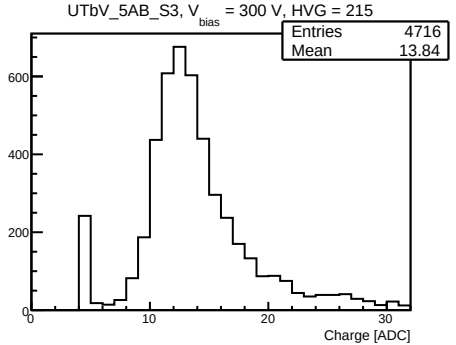

UTbV_2AB_S3, V bias = 250 V, HVG = 214
Entries 19576
Mean 12.71
Charge [ADC]

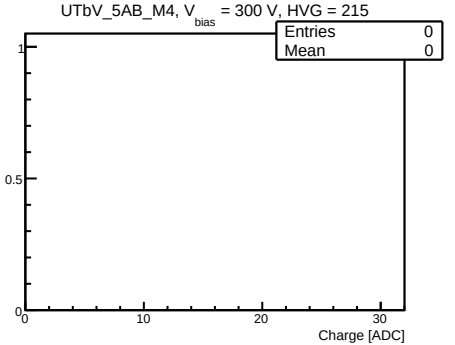

UTbV_2AB_M4, V bias = 250 V, HVG = 214
Entries 13690
Mean 10.54
Charge [ADC]

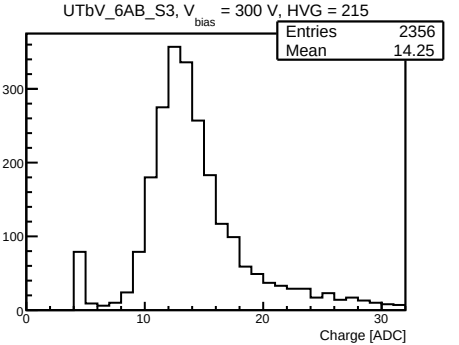

UTbV_3AB_S3, V bias = 250 V, HVG = 214
Entries 0
Mean 0
Charge [ADC]

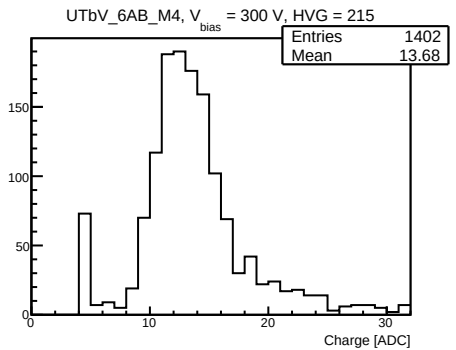

UTbV_3AB_M4, V bias = 250 V, HVG = 214
Entries 7800
Mean 13.07
Charge [ADC]

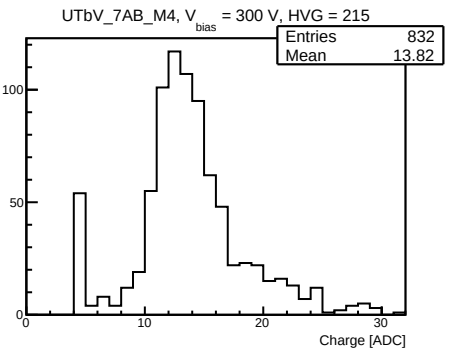

UTbV_4AB_M4, V bias = 250 V, HVG = 214
Entries 3832
Mean 13.06
Charge [ADC]

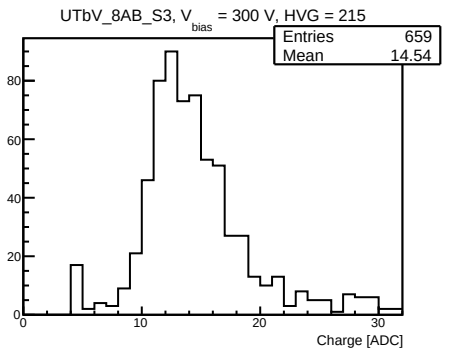

UTbV_5AB_S3, V bias = 300 V, HVG = 215
Entries 4716
Mean 13.84
Charge [ADC]

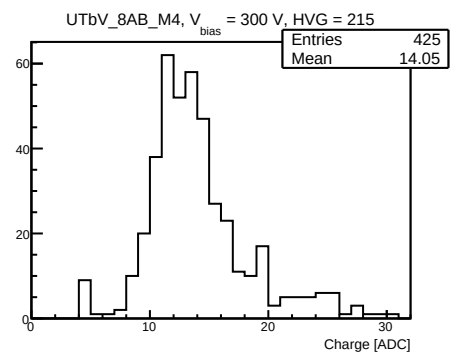

UTbV_5AB_M4, V bias = 300 V, HVG = 215
Entries 0
Mean 0
Charge [ADC]

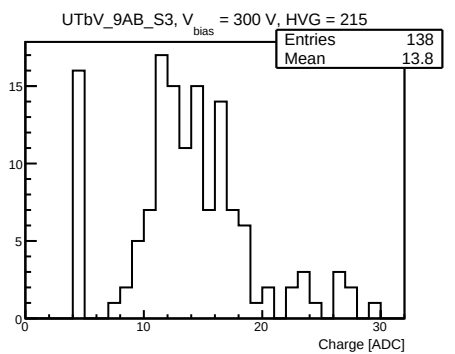

UTbV_6AB_S3, V bias = 300 V, HVG = 215
Entries 2356
Mean 14.25
Charge [ADC]

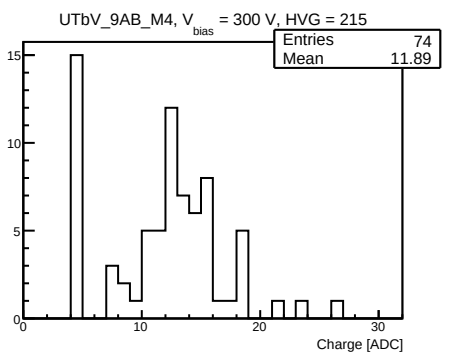

UTbV_6AB_M4, V bias = 300 V, HVG = 215
Entries 1402
Mean 13.68
Charge [ADC]

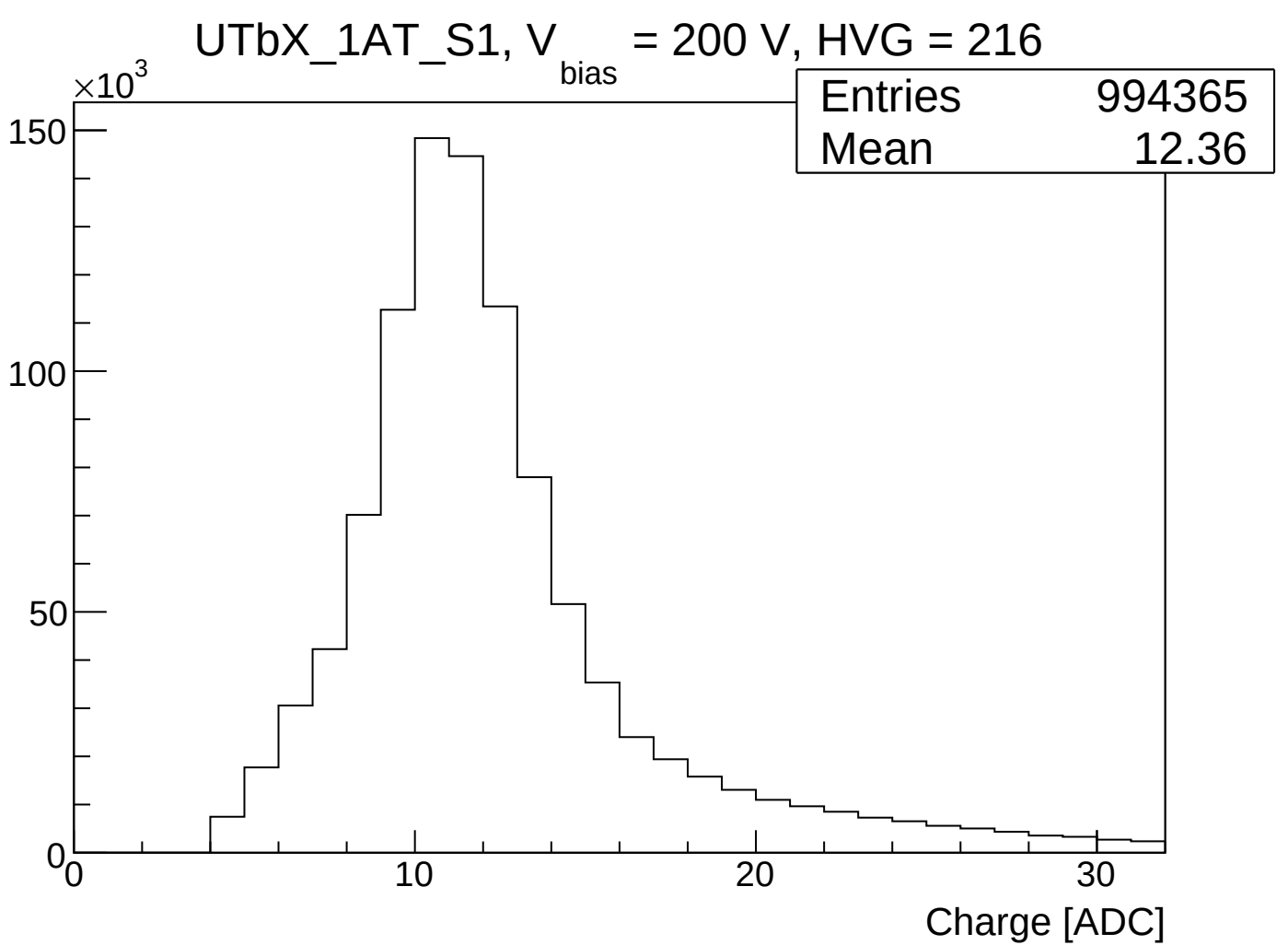

UTbV_7AB_M4, V bias = 300 V, HVG = 215
Entries 832
Mean 13.82
Charge [ADC]

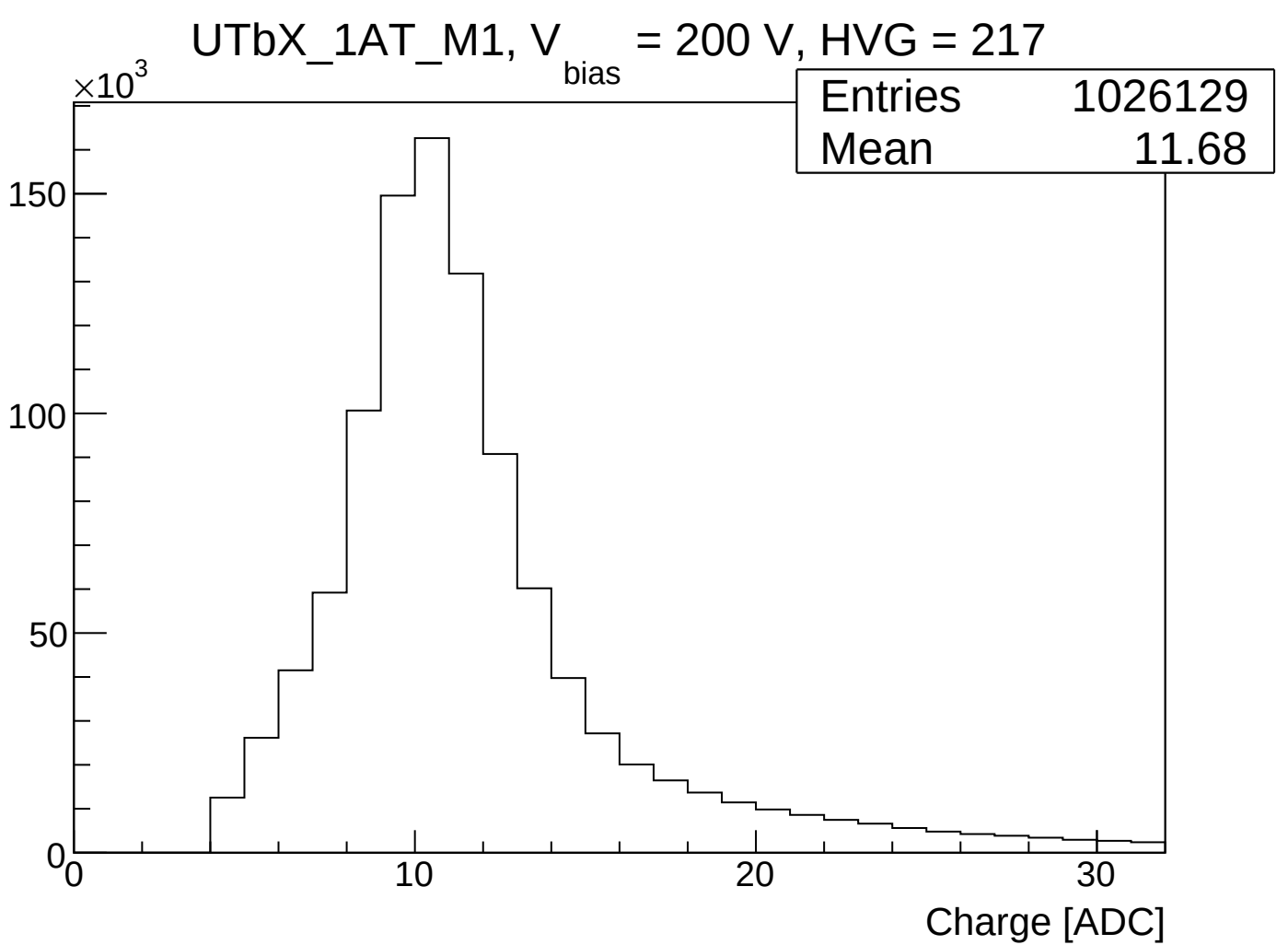

UTbV_8AB_S3, V bias = 300 V, HVG = 215
Entries 659
Mean 14.54
Charge [ADC]

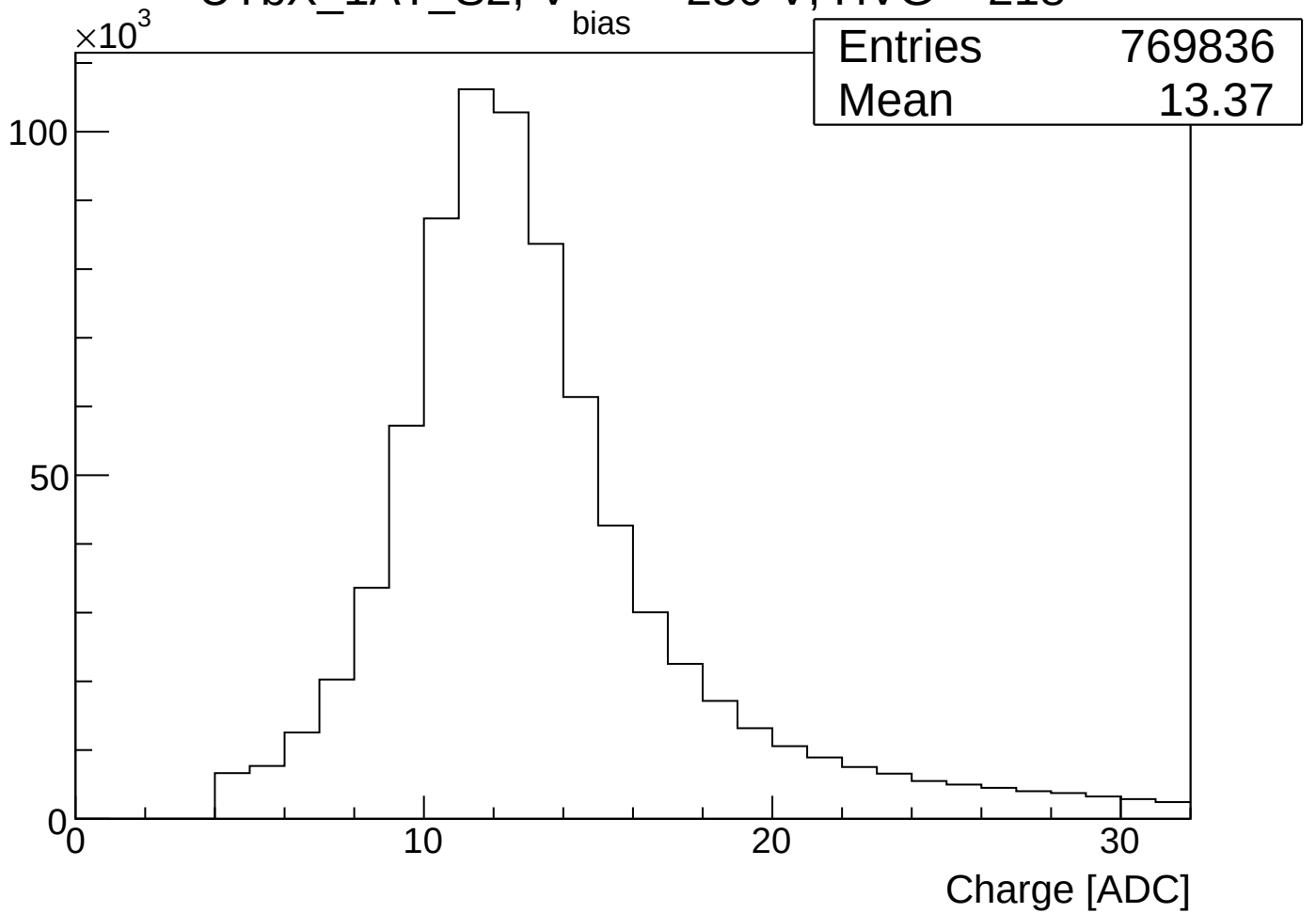

UTbV_8AB_M4, V bias = 300 V, HVG = 215
Entries 425
Mean 14.05
Charge [ADC]

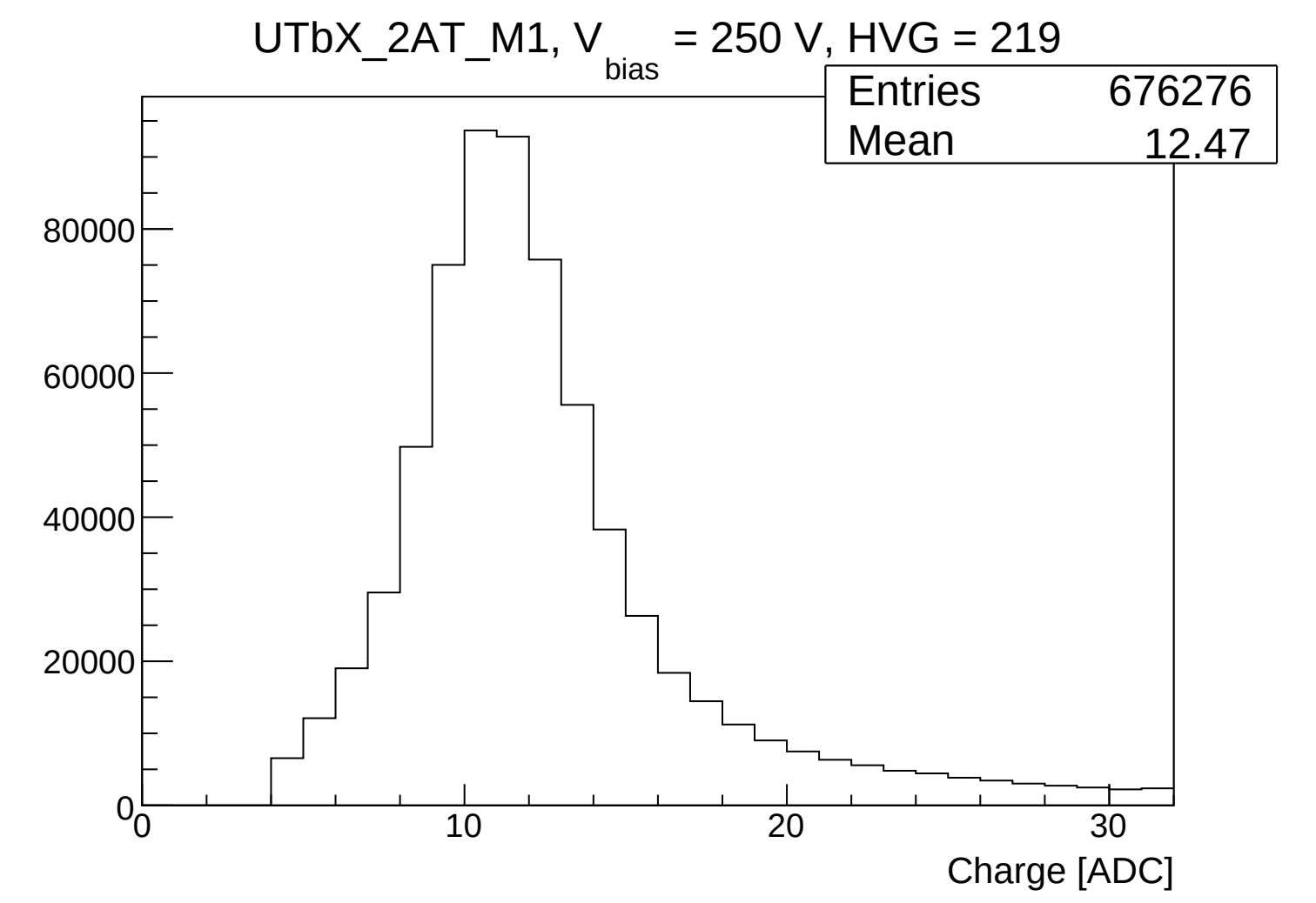

UTbV_9AB_S3, V bias = 300 V, HVG = 215
Entries 138
Mean 13.8
Charge [ADC]

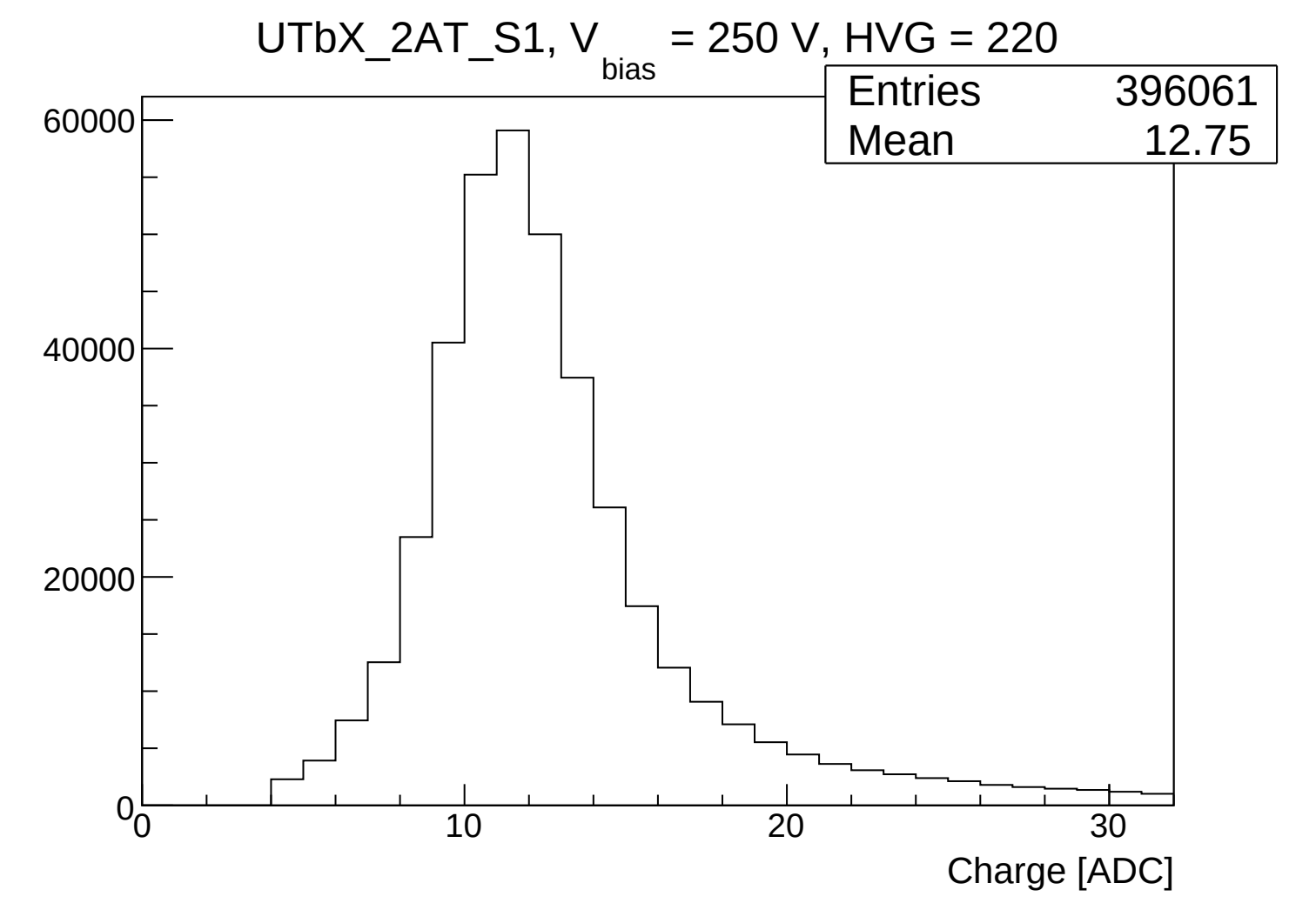

UTbV_9AB_M4, V bias = 300 V, HVG = 215
Entries 74
Mean 11.89
Charge [ADC]

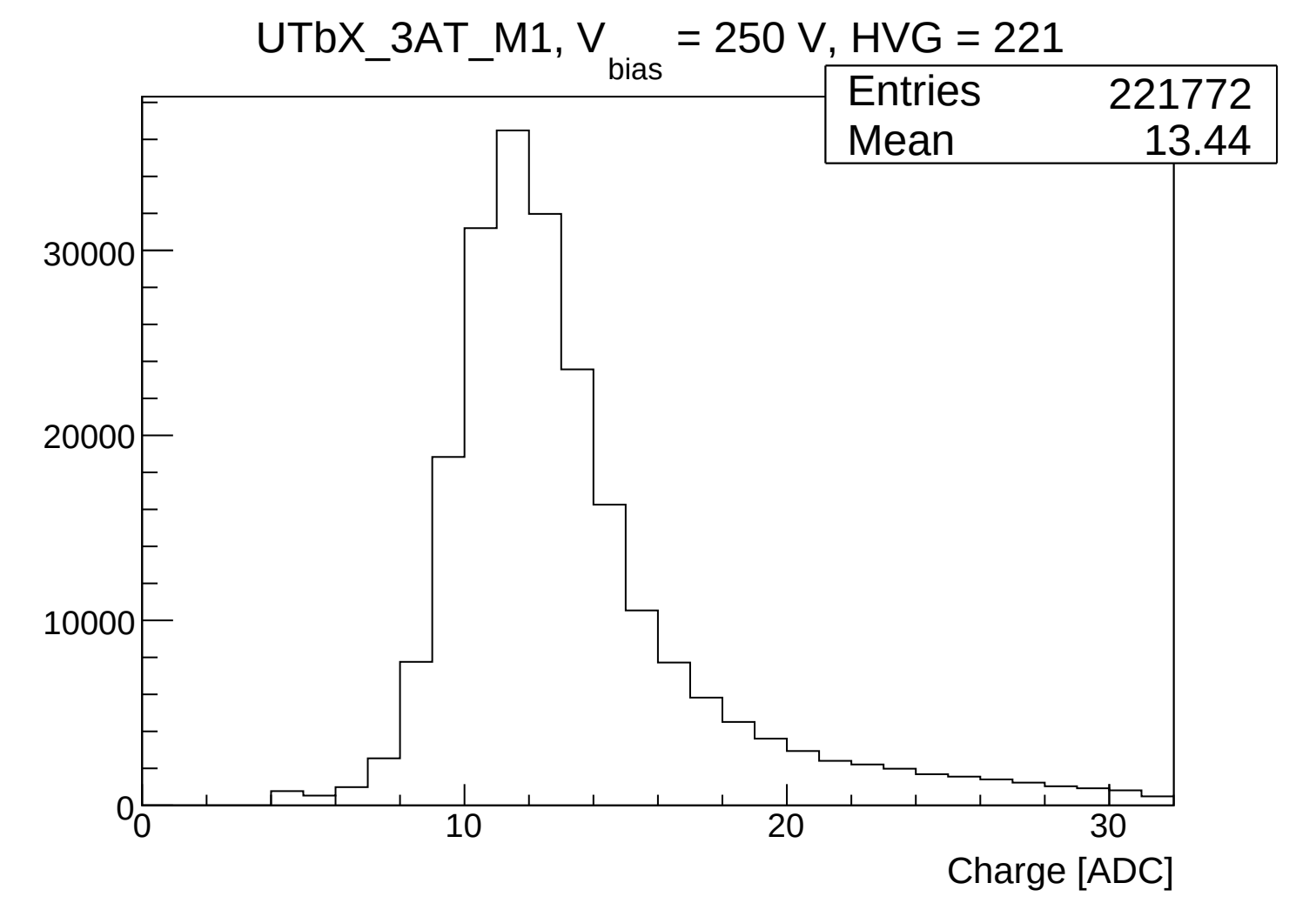

UTbX_1AT_S1, V bias = 200 V, HVG = 216
×10^3
Entries 994365
Mean 12.36
150
100
50
0
0
10
20
30
Charge [ADC]

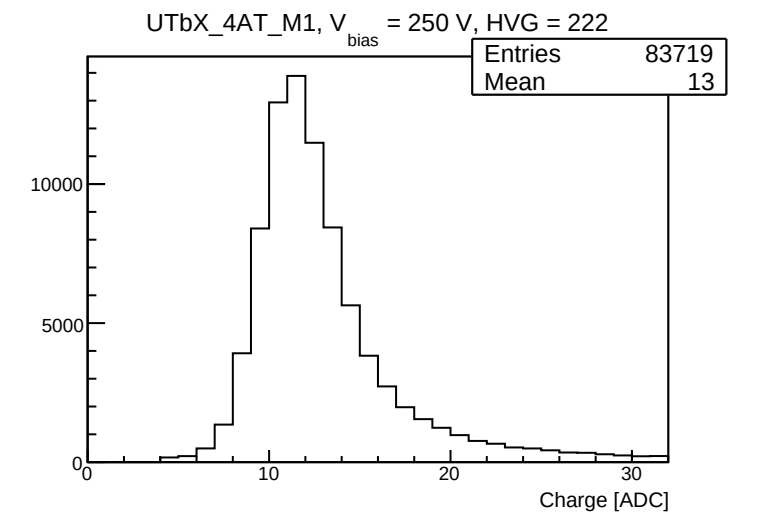

UTbX_1AT_M1, V bias = 200 V, HVG = 217
×10^3
Entries 1026129
Mean 11.68
150
100
50
0
0
10
20
30
Charge [ADC]

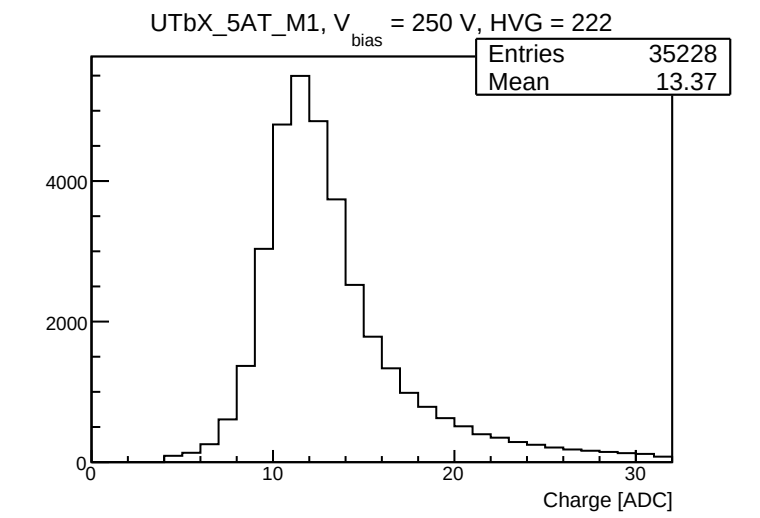

UTbX_1AT_S2, V bias = 250 V, HVG = 218
×10^3
Entries 769836
Mean 13.37
100
50
0
0
10
20
30
Charge [ADC]

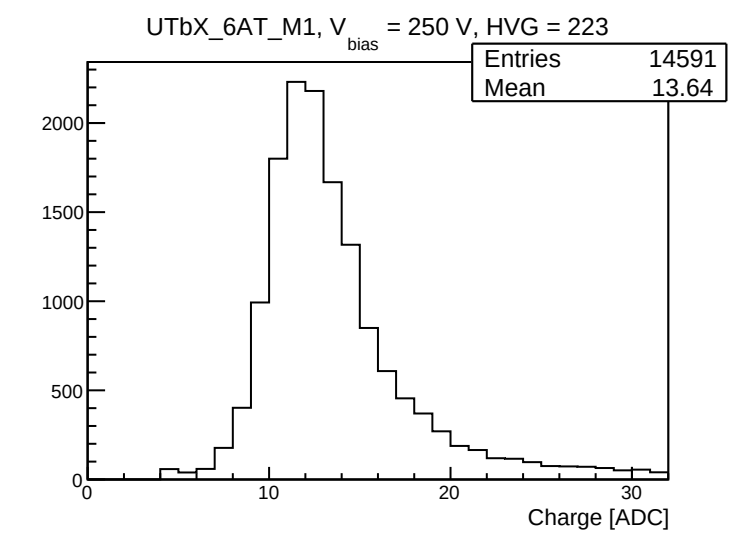

UTbX_2AT_M1, V bias = 250 V, HVG = 219
Entries 676276
Mean 12.47
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

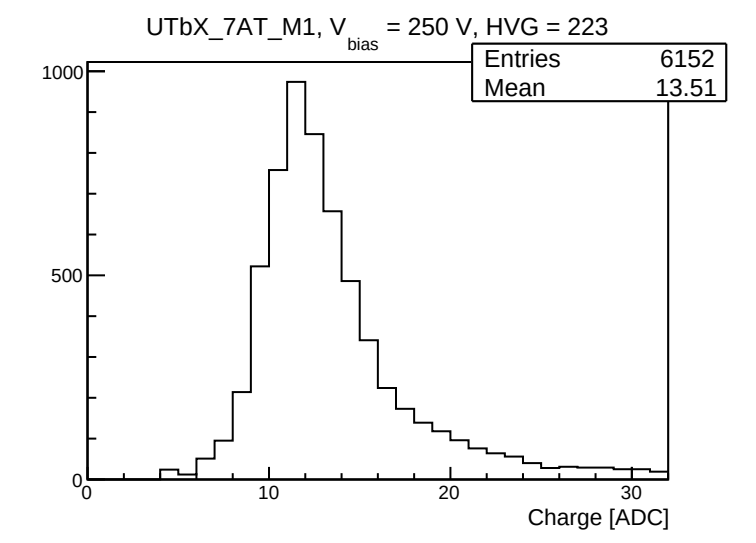

UTbX_2AT_S1, V bias = 250 V, HVG = 220
Entries 396061
Mean 12.75
60000
40000
20000
0
0
10
20
30
Charge [ADC]

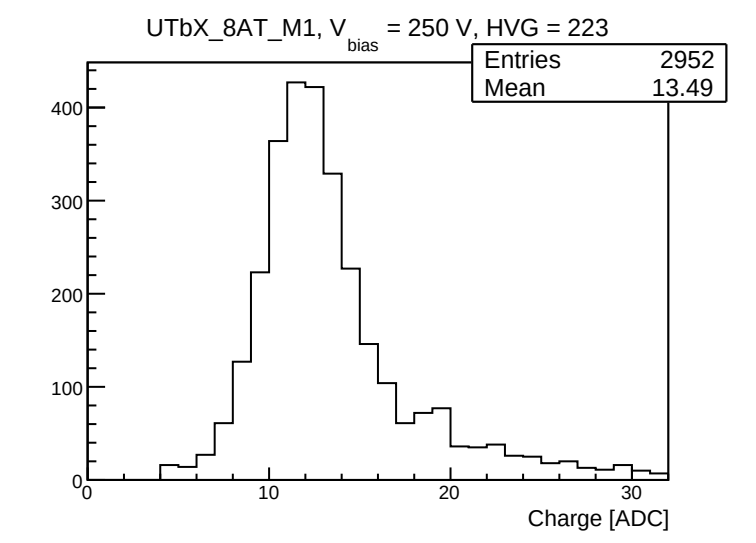

UTbX_3AT_M1, V bias = 250 V, HVG = 221
Entries 221772
Mean 13.44
30000
20000
10000
0
0
10
20
30
Charge [ADC]

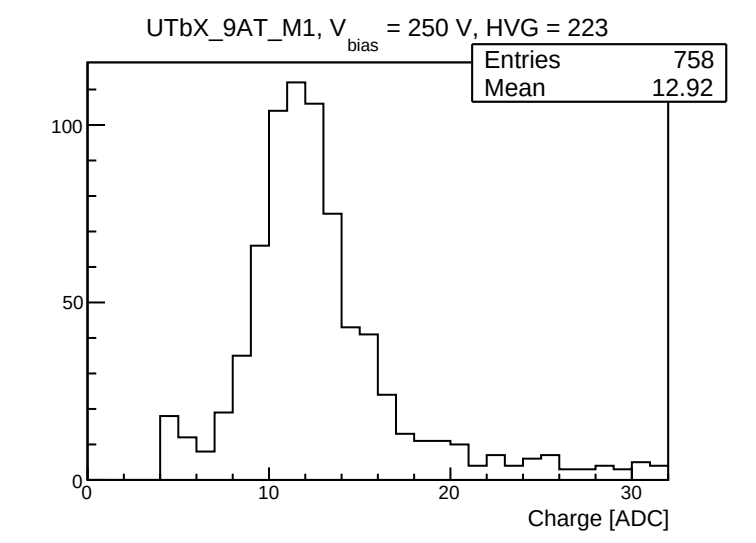

UTbX_4AT_M1, V bias = 250 V, HVG = 222
Entries 83719
Mean 13
10000
5000
0
0
10
20
30
Charge [ADC]

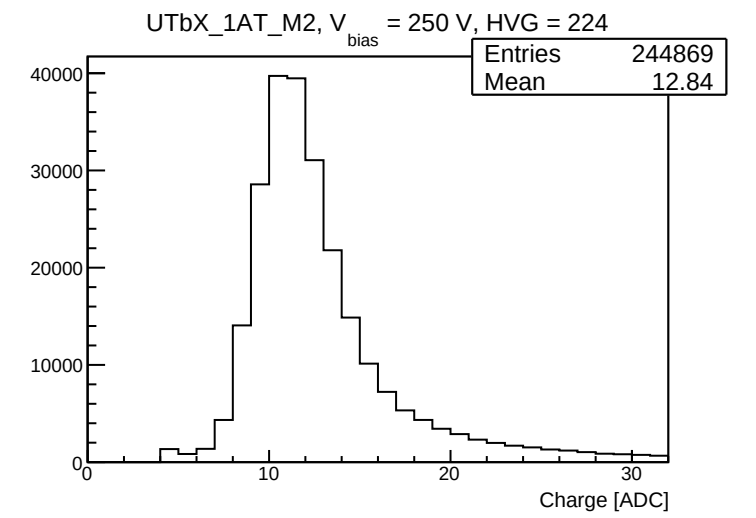

UTbX_5AT_M1, V bias = 250 V, HVG = 222
Entries 35228
Mean 13.37
4000
2000
0
0
10
20
30
Charge [ADC]

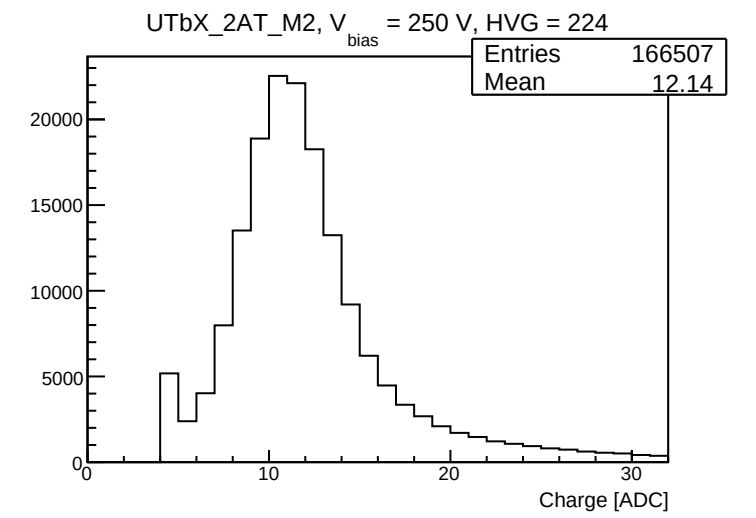

UTbX_6AT_M1, V bias = 250 V, HVG = 223
Entries 14591
Mean 13.64
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

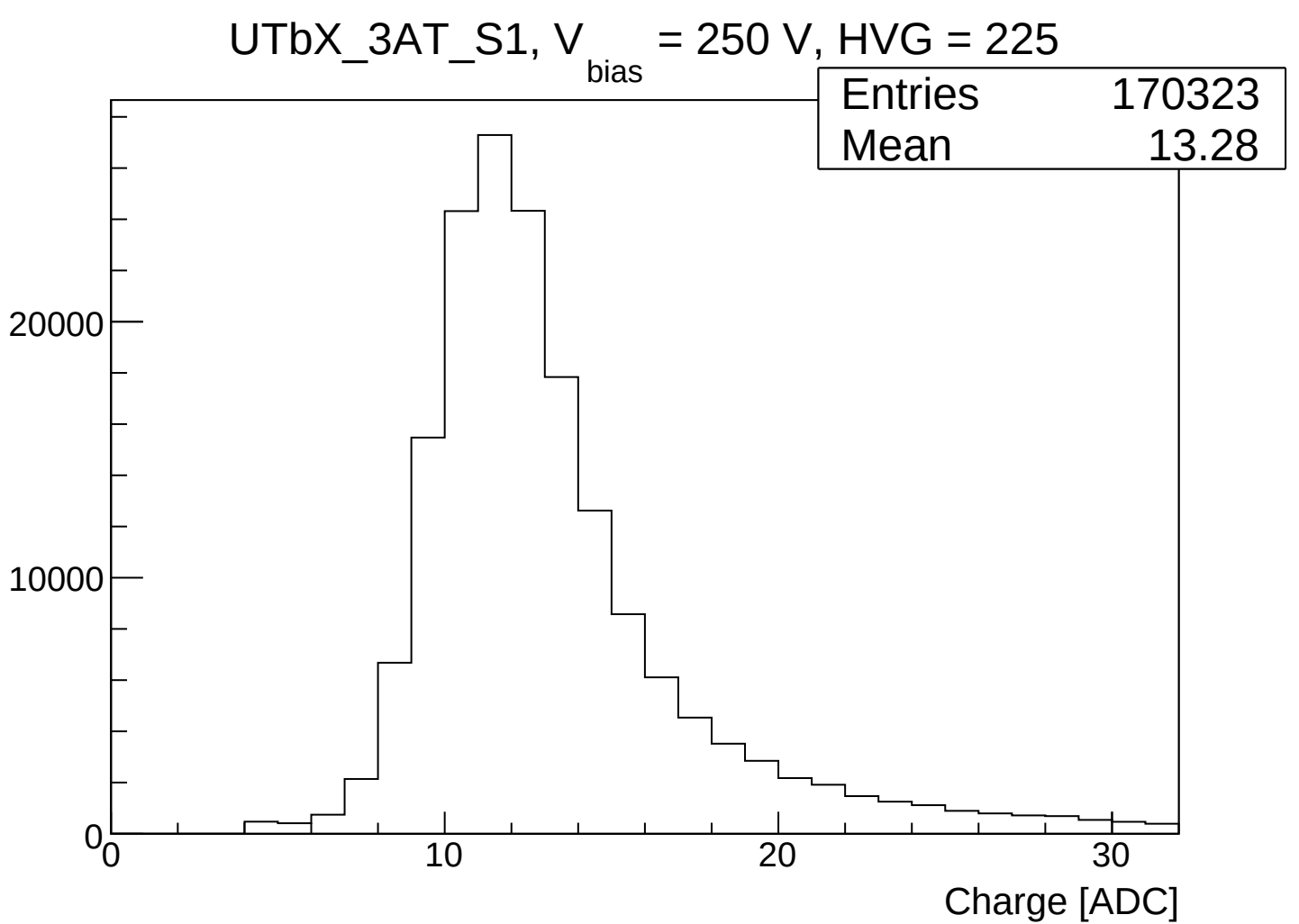

UTbX_7AT_M1, V bias = 250 V, HVG = 223
Entries 6152
Mean 13.51
1000
500
0
0
10
20
30
Charge [ADC]

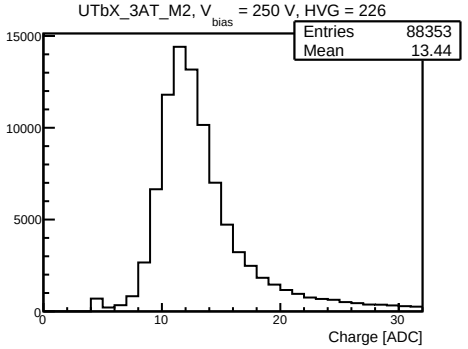

UTbX_8AT_M1, V bias = 250 V, HVG = 223
Entries 2952
Mean 13.49
400
300
200
100
0
0
10
20
30
Charge [ADC]

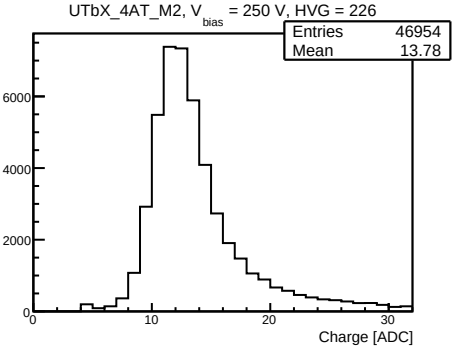

UTbX_9AT_M1, V bias = 250 V, HVG = 223
Entries 758
Mean 12.92
100
50
0
0
10
20
30
Charge [ADC]

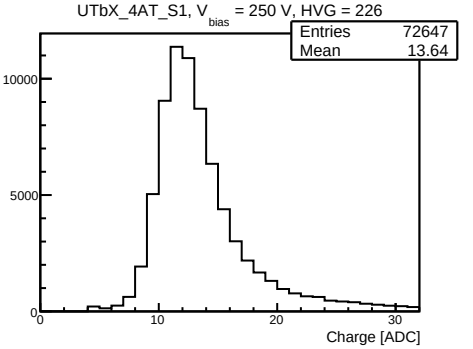

UTbX_1AT_M2, V bias = 250 V, HVG = 224
Entries 244869
Mean 12.84
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

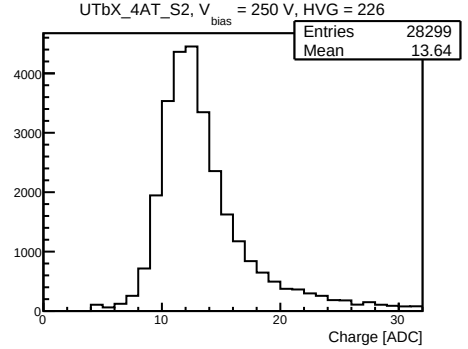

UTbX_2AT_M2, V bias = 250 V, HVG = 224
Entries 166507
Mean 12.14
20000
15000
10000
5000
0
0
10
20
30
Charge [ADC]

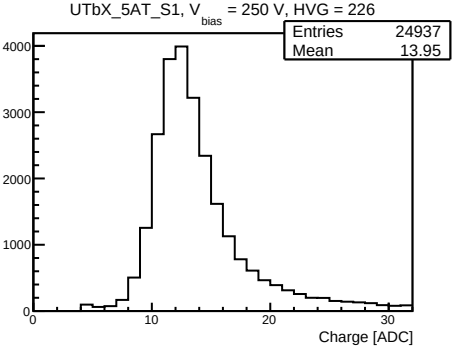

UTbX_3AT_S1, V bias = 250 V, HVG = 225
Entries 170323
Mean 13.28
20000
10000
0
0
10
20
30
Charge [ADC]

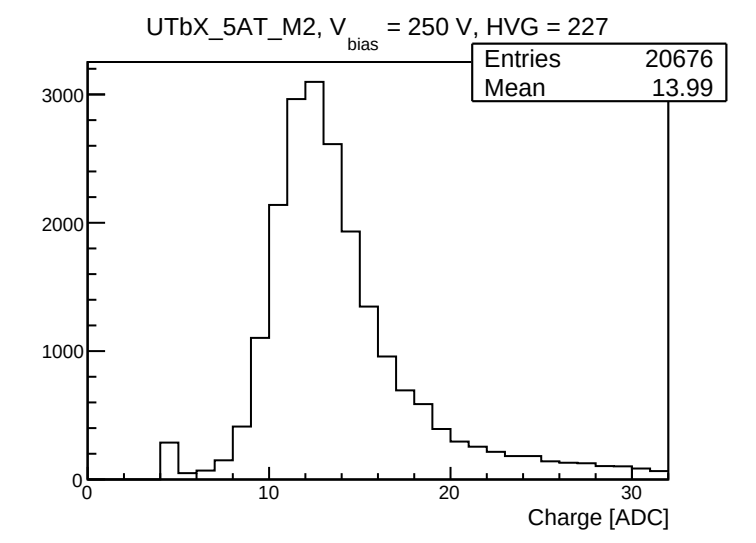

UTbX_3AT_M2, V bias = 250 V, HVG = 226
Entries 88353
Mean 13.44
Charge [ADC]

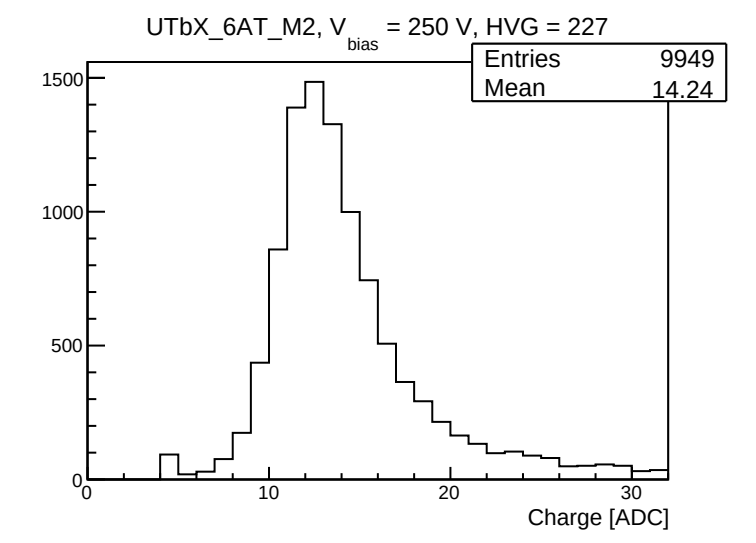

UTbX_4AT_M2, V bias = 250 V, HVG = 226
Entries 46954
Mean 13.78
Charge [ADC]

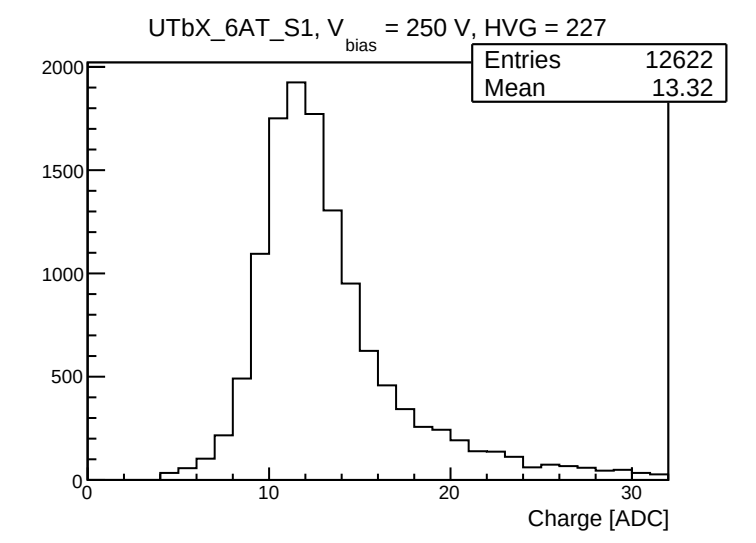

UTbX_4AT_S1, V bias = 250 V, HVG = 226
Entries 72647
Mean 13.64
Charge [ADC]

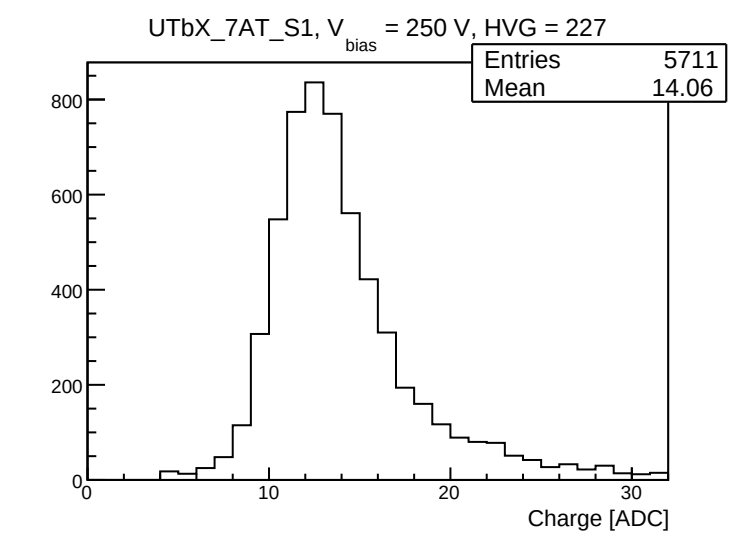

UTbX_4AT_S2, V bias = 250 V, HVG = 226
Entries 28299
Mean 13.64
Charge [ADC]

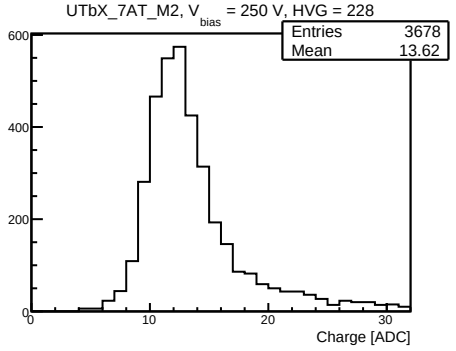

UTbX_5AT_S1, V bias = 250 V, HVG = 226
Entries 24937
Mean 13.95
Charge [ADC]

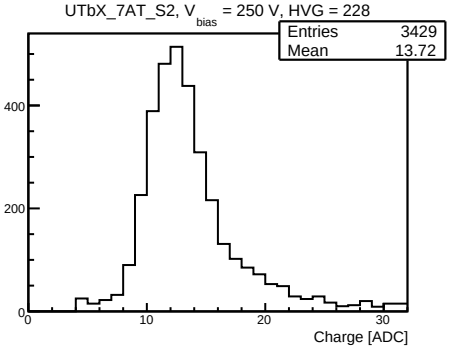

UTbX_5AT_M2, V bias = 250 V, HVG = 227
Entries 20676
Mean 13.99
Charge [ADC]

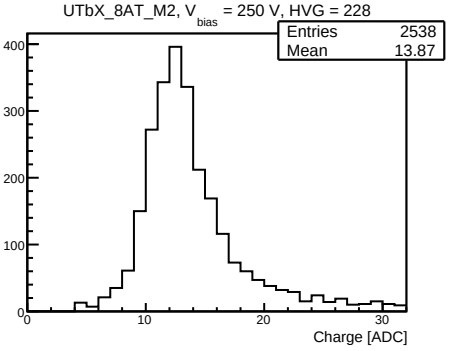

UTbX_6AT_M2, V bias = 250 V, HVG = 227
Entries 9949
Mean 14.24
Charge [ADC]

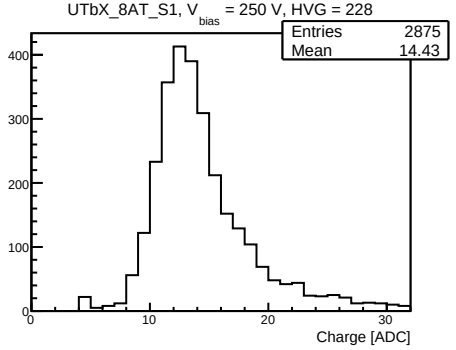

UTbX_6AT_S1, V bias = 250 V, HVG = 227
Entries 12622
Mean 13.32
Charge [ADC]

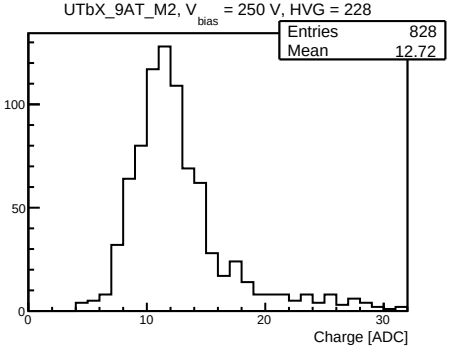

UTbX_7AT_S1, V bias = 250 V, HVG = 227
Entries 5711
Mean 14.06
Charge [ADC]

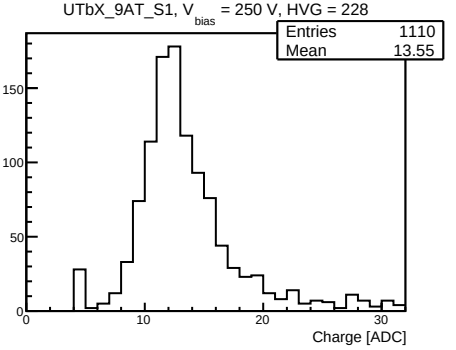

UTbX_7AT_M2, V bias = 250 V, HVG = 228
Entries 3678
Mean 13.62
Charge [ADC]

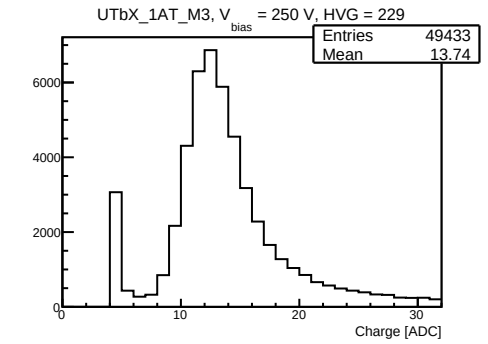

UTbX_7AT_S2, V bias = 250 V, HVG = 228
Entries 3429
Mean 13.72
Charge [ADC]

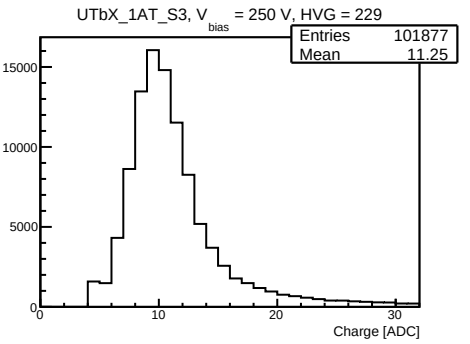

UTbX_8AT_M2, V bias = 250 V, HVG = 228
Entries 2538
Mean 13.87
Charge [ADC]

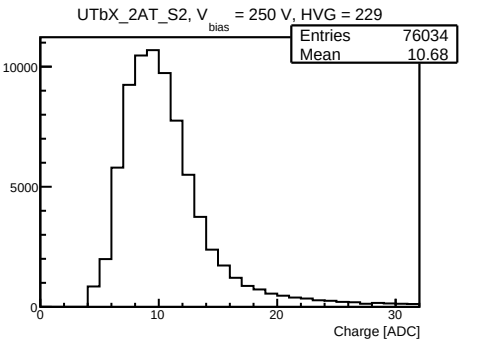

UTbX_8AT_S1, V bias = 250 V, HVG = 228
Entries 2875
Mean 14.43
Charge [ADC]

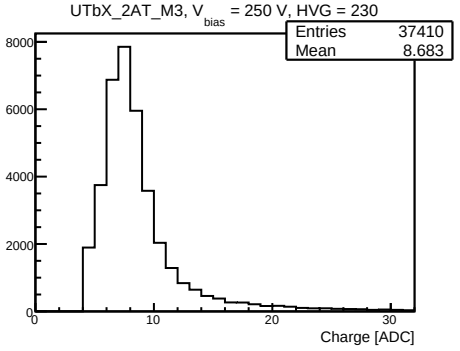

UTbX_9AT_M2, V bias = 250 V, HVG = 228
Entries 828
Mean 12.72
Charge [ADC]

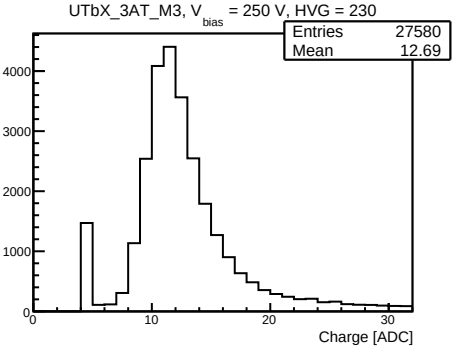

UTbX_9AT_S1, V bias = 250 V, HVG = 228
Entries 1110
Mean 13.55
Charge [ADC]

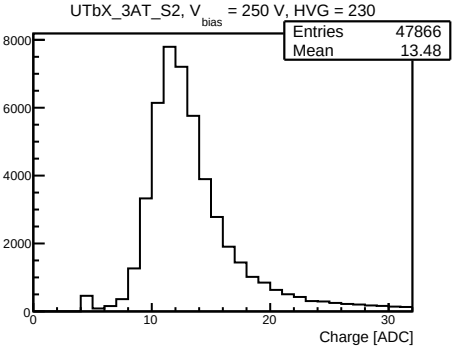

UTbX_1AT_M3, V bias = 250 V, HVG = 229
Entries 49433
Mean 13.74
6000
4000
2000
0
0
10
20
30
Charge [ADC]

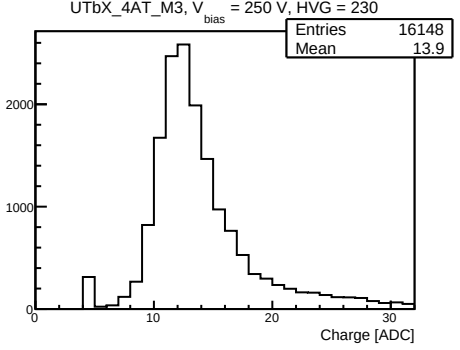

UTbX_1AT_S3, V bias = 250 V, HVG = 229
Entries 101877
Mean 11.25
15000
10000
5000
0
0
10
20
30
Charge [ADC]

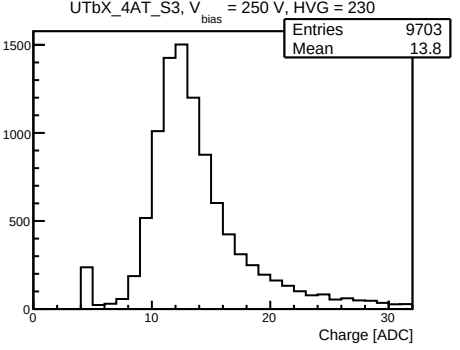

UTbX_2AT_S2, V bias = 250 V, HVG = 229
Entries 76034
Mean 10.68
10000
5000
0
0
10
20
30
Charge [ADC]

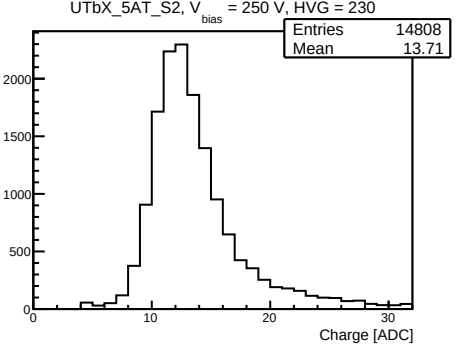

UTbX_2AT_M3, V bias = 250 V, HVG = 230
Entries 37410
Mean 8.683
Charge [ADC]

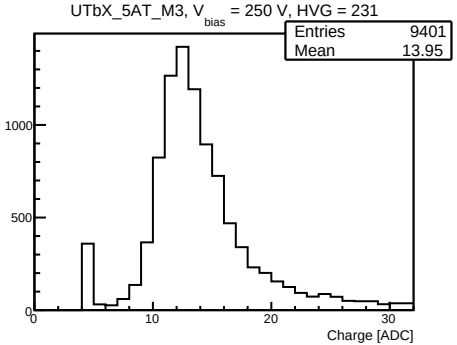

UTbX_3AT_M3, V bias = 250 V, HVG = 230
Entries 27580
Mean 12.69
Charge [ADC]

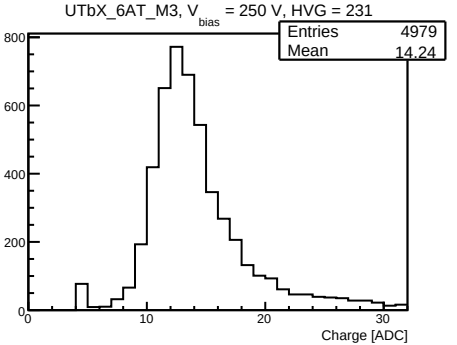

UTbX_3AT_S2, V bias = 250 V, HVG = 230
Entries 47866
Mean 13.48
Charge [ADC]

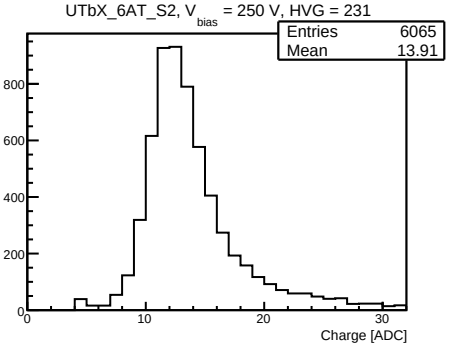

UTbX_4AT_M3, V bias = 250 V, HVG = 230
Entries 16148
Mean 13.9
Charge [ADC]

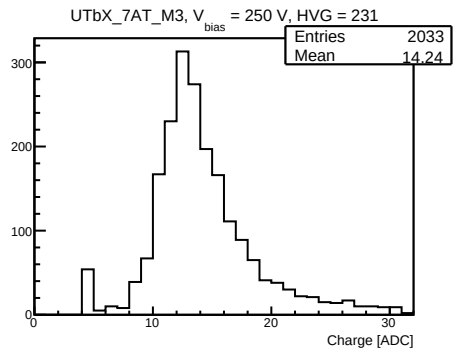

UTbX_4AT_S3, V bias = 250 V, HVG = 230
Entries 9703
Mean 13.8
Charge [ADC]

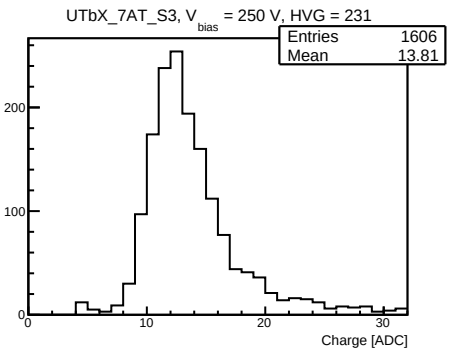

UTbX_5AT_S2, V bias = 250 V, HVG = 230
Entries 14808
Mean 13.71
Charge [ADC]

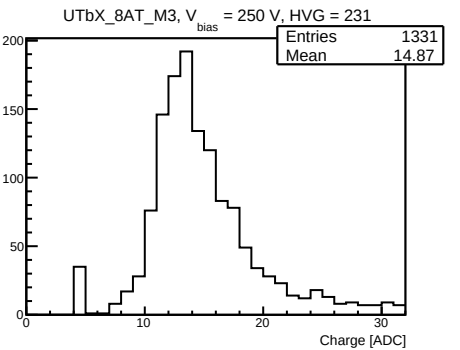

UTbX_5AT_M3, V bias = 250 V, HVG = 231
Entries 9401
Mean 13.95
Charge [ADC]

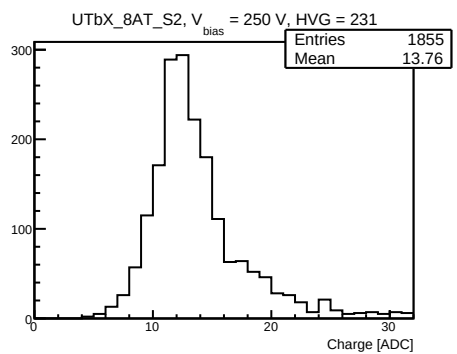

UTbX_6AT_M3, V bias = 250 V, HVG = 231
Entries 4979
Mean 14.24
Charge [ADC]

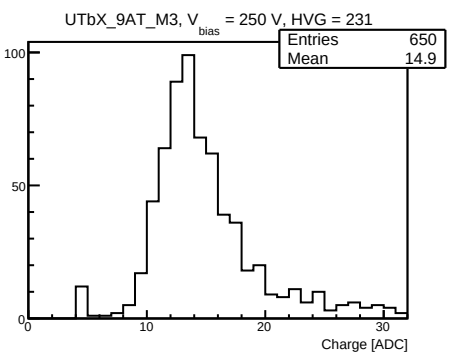

UTbX_6AT_S2, V bias = 250 V, HVG = 231
Entries 6065
Mean 13.91
Charge [ADC]

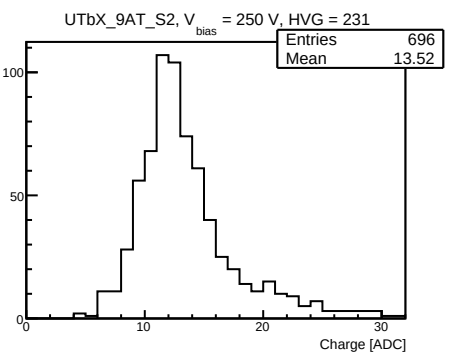

UTbX_7AT_M3, V bias = 250 V, HVG = 231
Entries 2033
Mean 14.24
Charge [ADC]

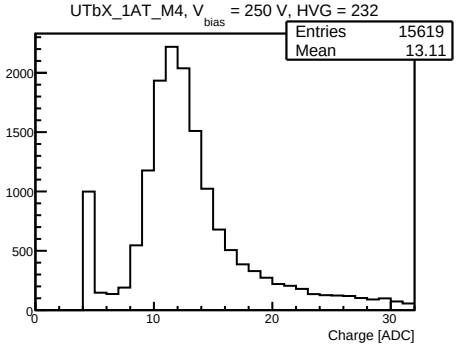

UTbX_7AT_S3, V bias = 250 V, HVG = 231
Entries 1606
Mean 13.81
Charge [ADC]

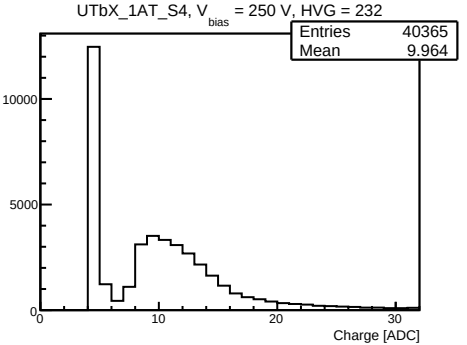

UTbX_8AT_M3, V bias = 250 V, HVG = 231
Entries 1331
Mean 14.87
Charge [ADC]

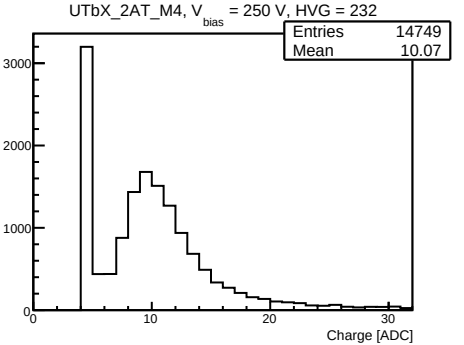

UTbX_8AT_S2, V bias = 250 V, HVG = 231
Entries 1855
Mean 13.76
Charge [ADC]

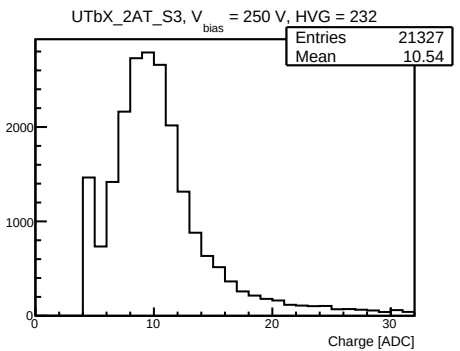

UTbX_9AT_M3, V bias = 250 V, HVG = 231
Entries 650
Mean 14.9
Charge [ADC]

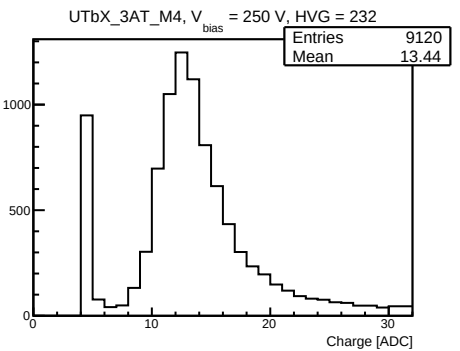

UTbX_9AT_S2, V bias = 250 V, HVG = 231
Entries 696
Mean 13.52
Charge [ADC]

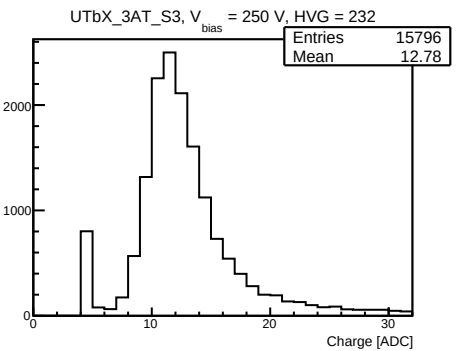

UTbX_1AT_M4, V bias = 250 V, HVG = 232
Entries 15619
Mean 13.11
Charge [ADC]

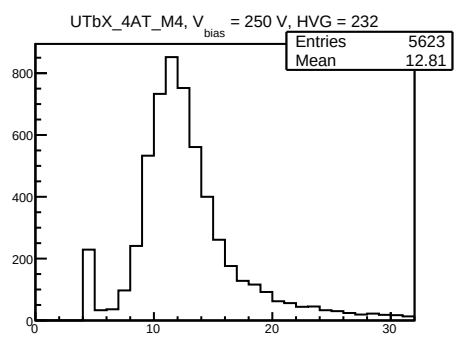

UTbX_1AT_S4, V bias = 250 V, HVG = 232
Entries 40365
Mean 9.964
Charge [ADC]

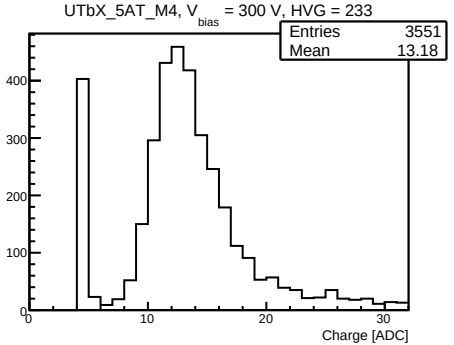

UTbX_2AT_M4, V bias = 250 V, HVG = 232
Entries 14749
Mean 10.07
Charge [ADC]

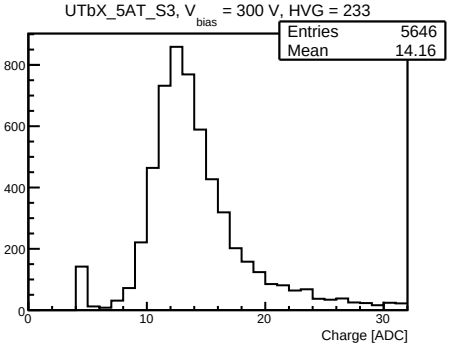

UTbX_2AT_S3, V bias = 250 V, HVG = 232
Entries 21327
Mean 10.54
Charge [ADC]

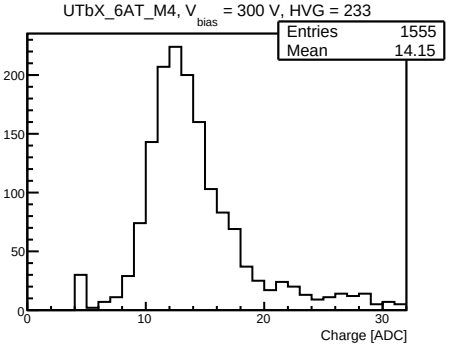

UTbX_3AT_M4, V bias = 250 V, HVG = 232
Entries 9120
Mean 13.44
Charge [ADC]

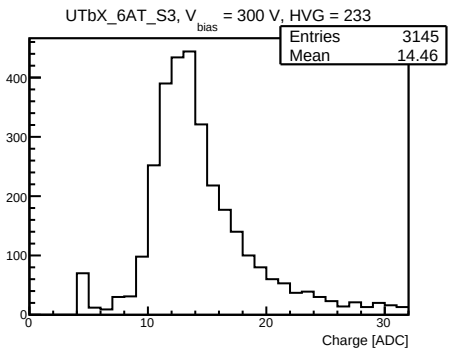

UTbX_3AT_S3, V bias = 250 V, HVG = 232
Entries 15796
Mean 12.78
Charge [ADC]

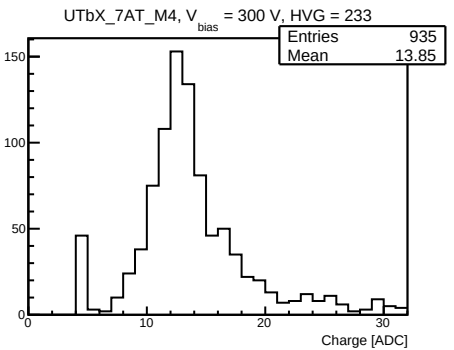

UTbX_4AT_M4, V bias = 250 V, HVG = 232
Entries 5623
Mean 12.81
Charge [ADC]

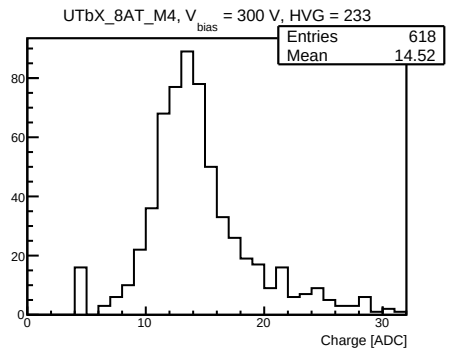

UTbX_5AT_M4, V bias = 300 V, HVG = 233
Entries 3551
Mean 13.18
Charge [ADC]

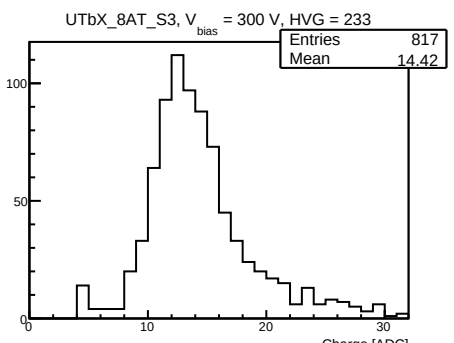

UTbX_5AT_S3, V bias = 300 V, HVG = 233
Entries 5646
Mean 14.16
Charge [ADC]

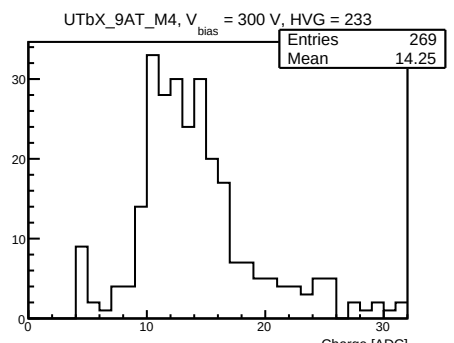

UTbX_6AT_M4, V bias = 300 V, HVG = 233
Entries 1555
Mean 14.15
Charge [ADC]

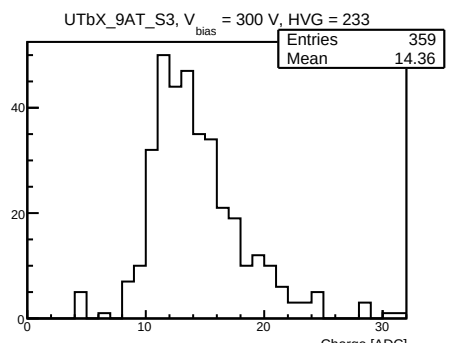

UTbX_6AT_S3, V bias = 300 V, HVG = 233
Entries 3145
Mean 14.46
Charge [ADC]

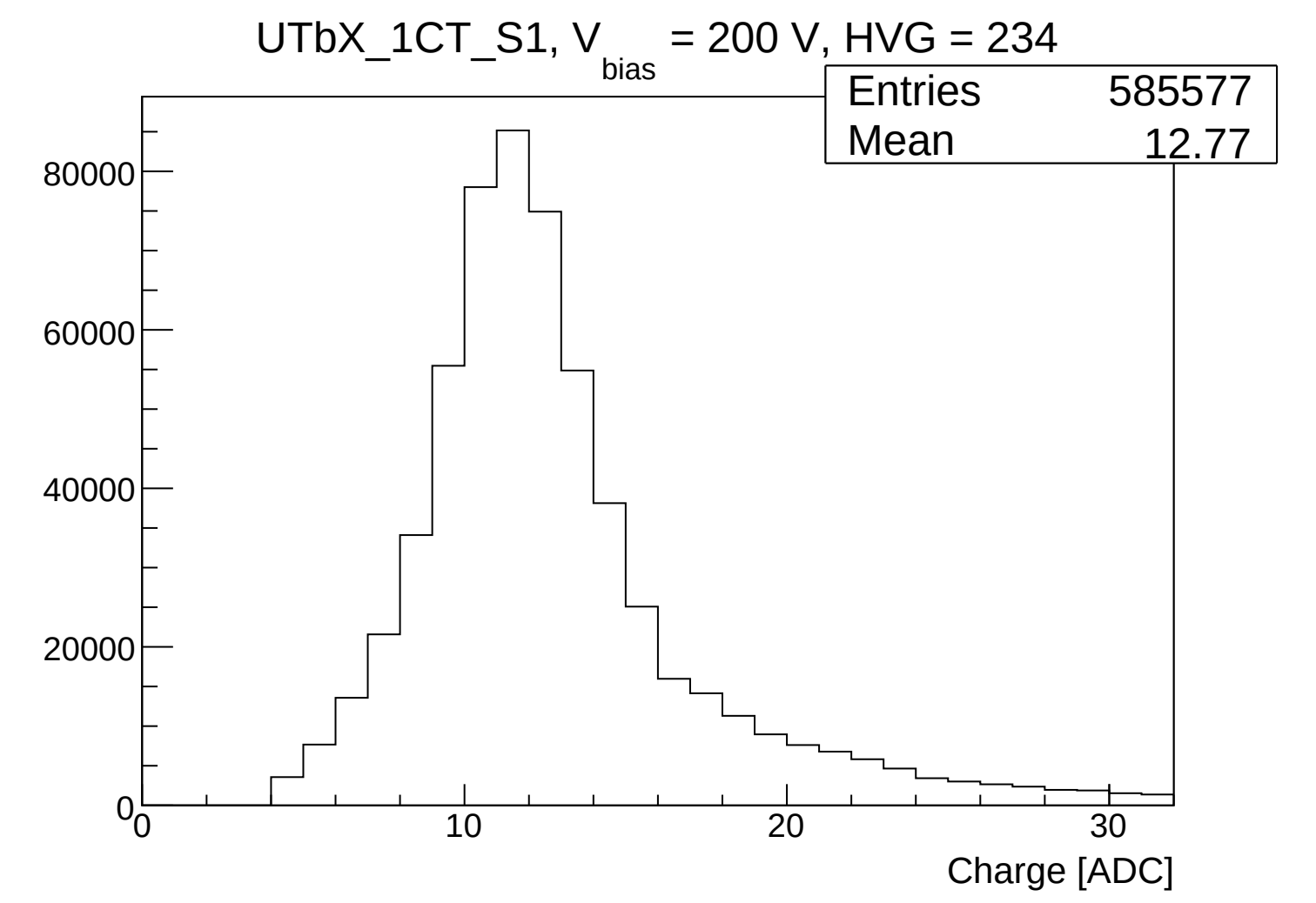

UTbX_7AT_M4, V bias = 300 V, HVG = 233
Entries 935
Mean 13.85
Charge [ADC]

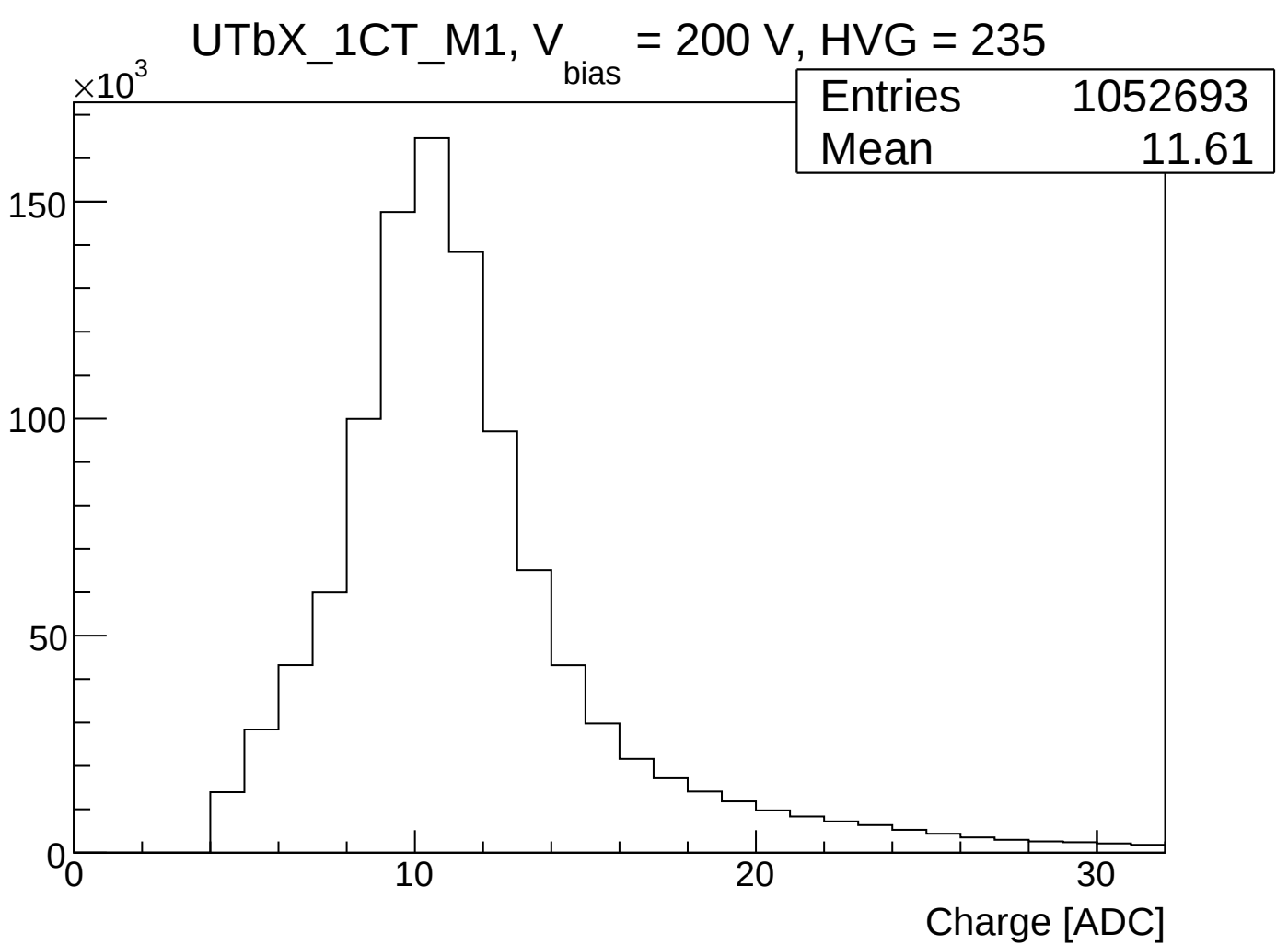

UTbX_8AT_M4, V bias = 300 V, HVG = 233
Entries 618
Mean 14.52
Charge [ADC]

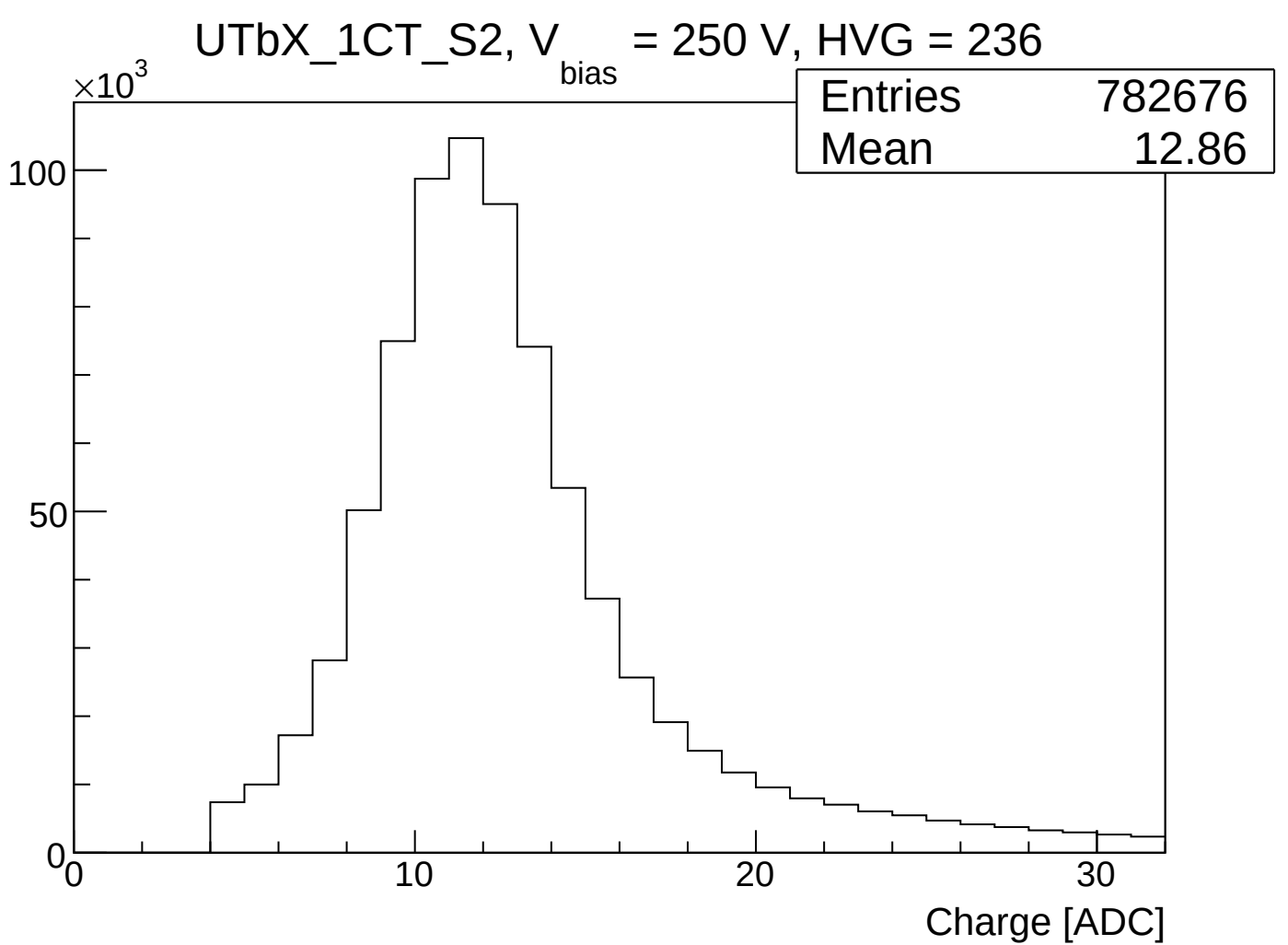

UTbX_8AT_S3, V bias = 300 V, HVG = 233
Entries 817
Mean 14.42
Charge [ADC]

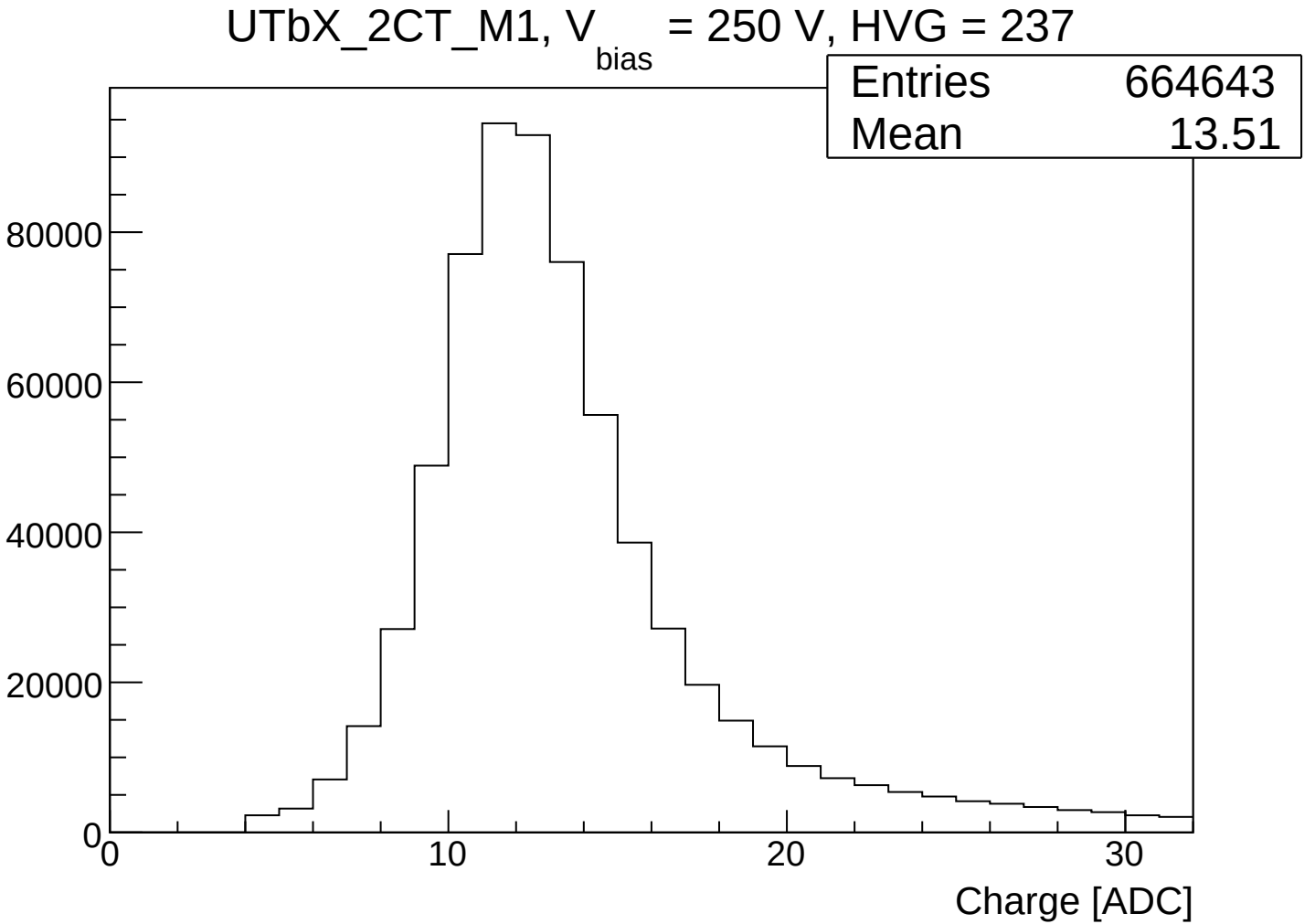

UTbX_9AT_M4, V bias = 300 V, HVG = 233
Entries 269
Mean 14.25
Charge [ADC]

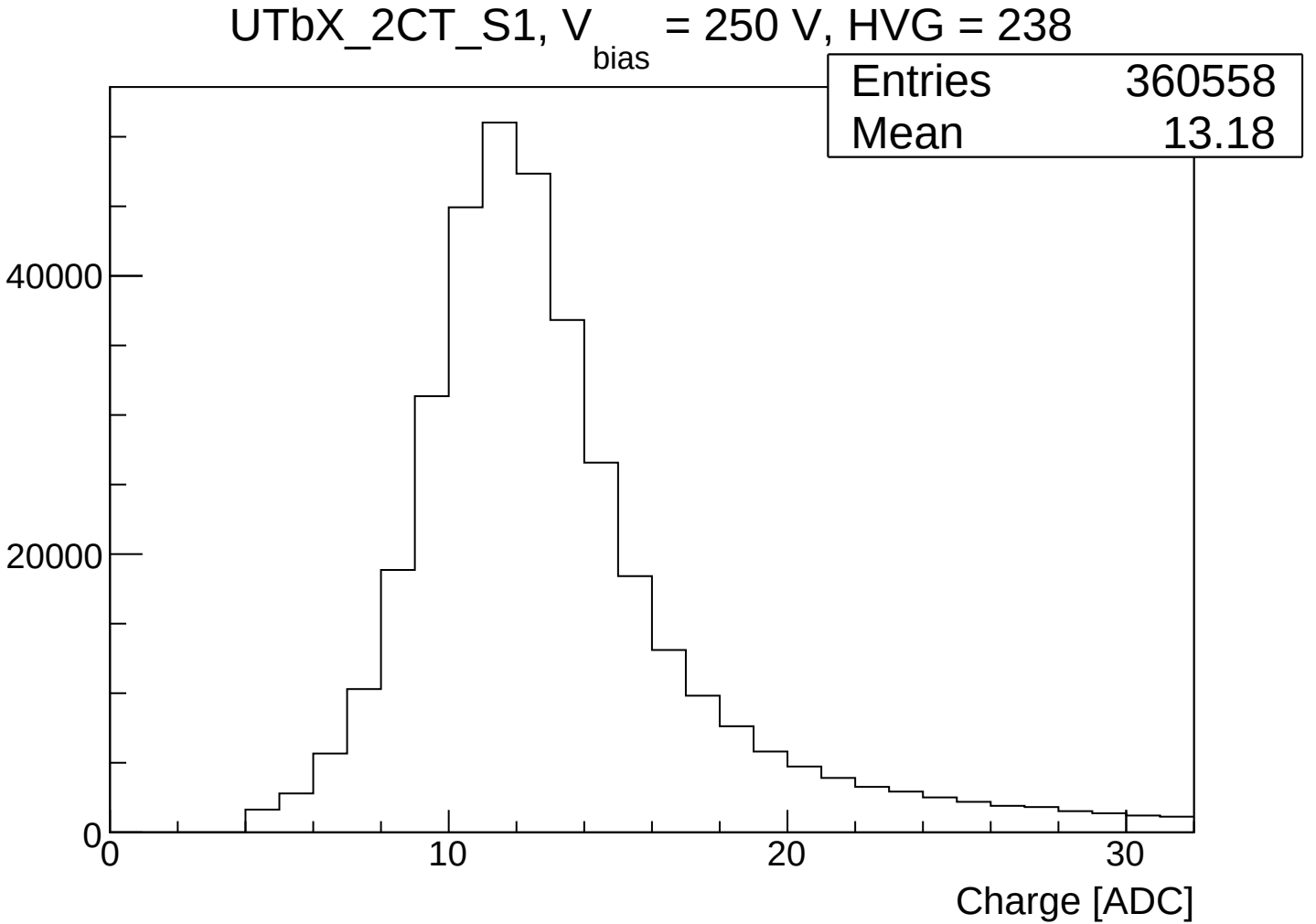

UTbX_9AT_S3, V bias = 300 V, HVG = 233
Entries 359
Mean 14.36
Charge [ADC]

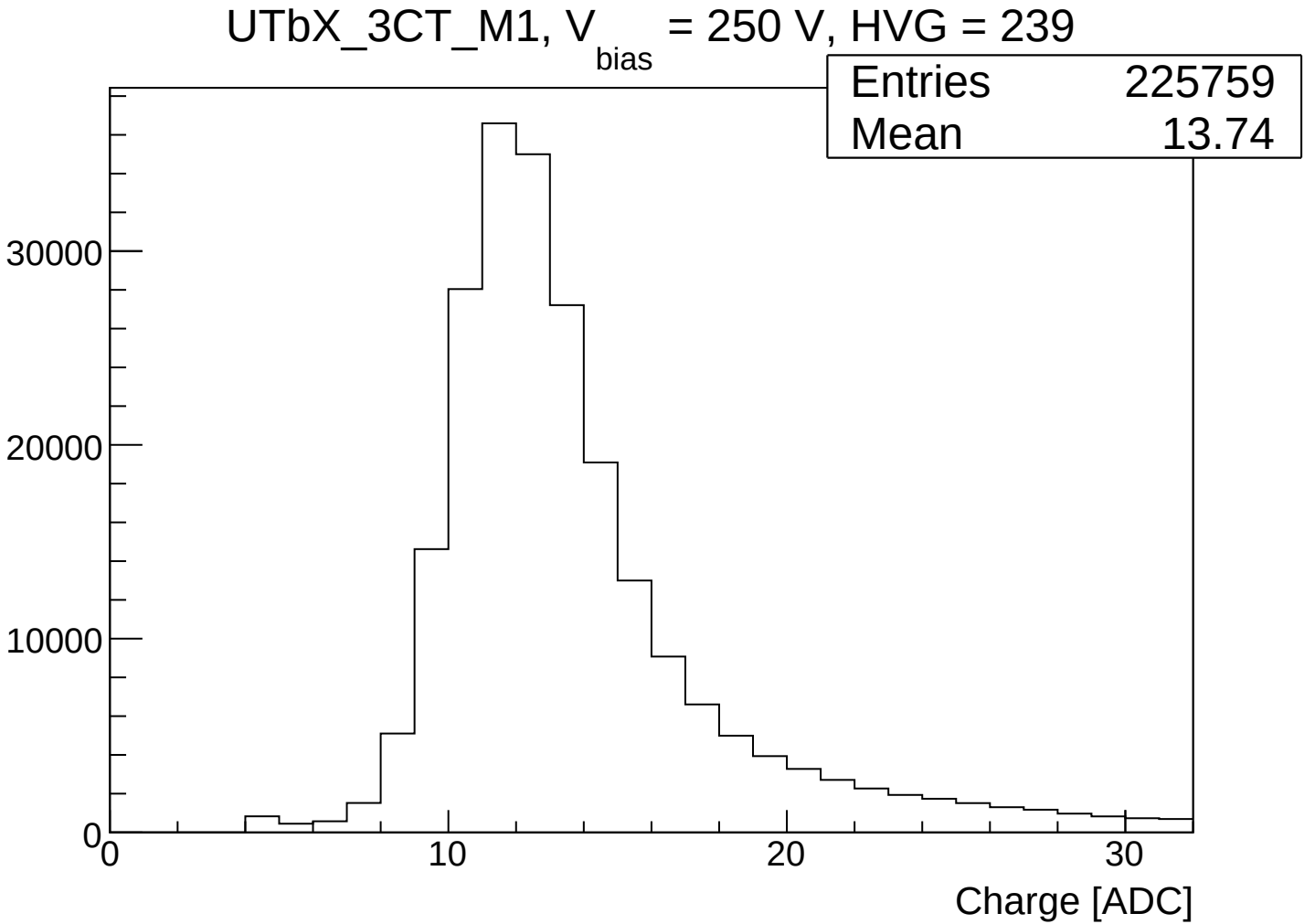

UTbX_1CT_S1, V bias = 200 V, HVG = 234
Entries 585577
Mean 12.77
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

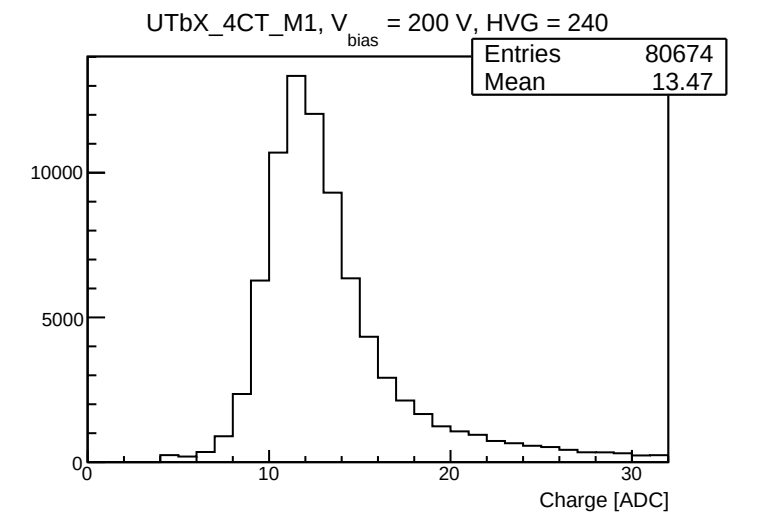

UTbX_1CT_M1, V bias = 200 V, HVG = 235
×10^3
Entries 1052693
Mean 11.61
150
100
50
0
0
10
20
30
Charge [ADC]

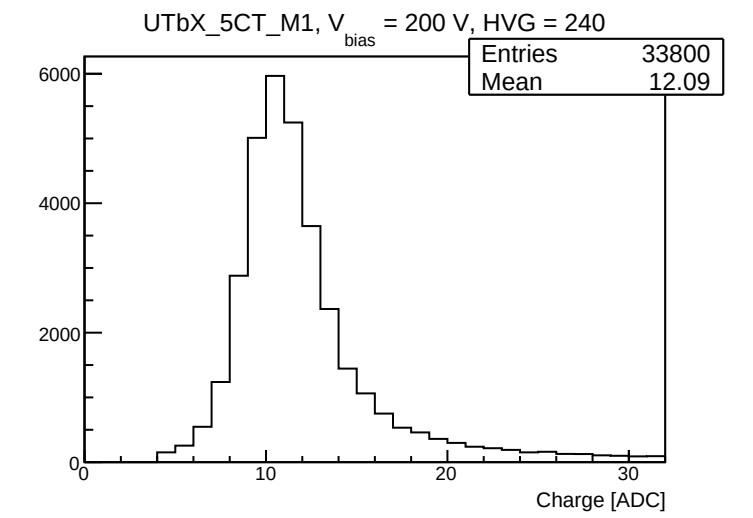

UTbX_1CT_S2, V bias = 250 V, HVG = 236
×10^3
Entries 782676
Mean 12.86
100
50
0
0
10
20
30
Charge [ADC]

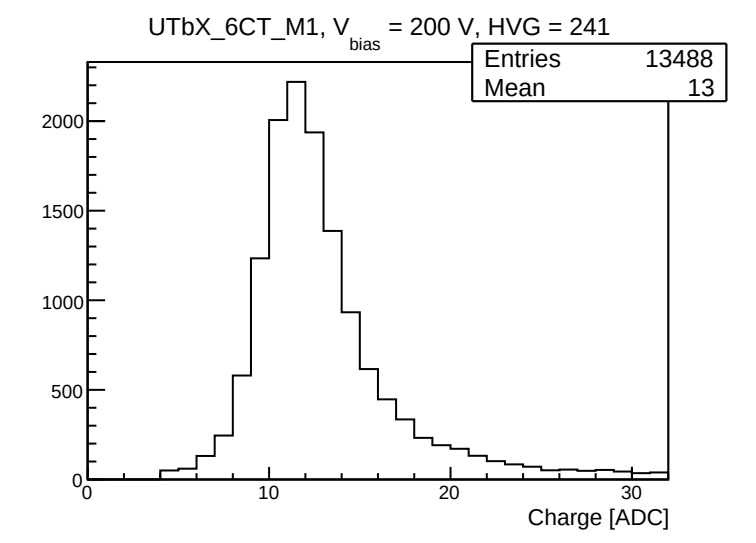

UTbX_2CT_M1, V bias = 250 V, HVG = 237
Entries 664643
Mean 13.51
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

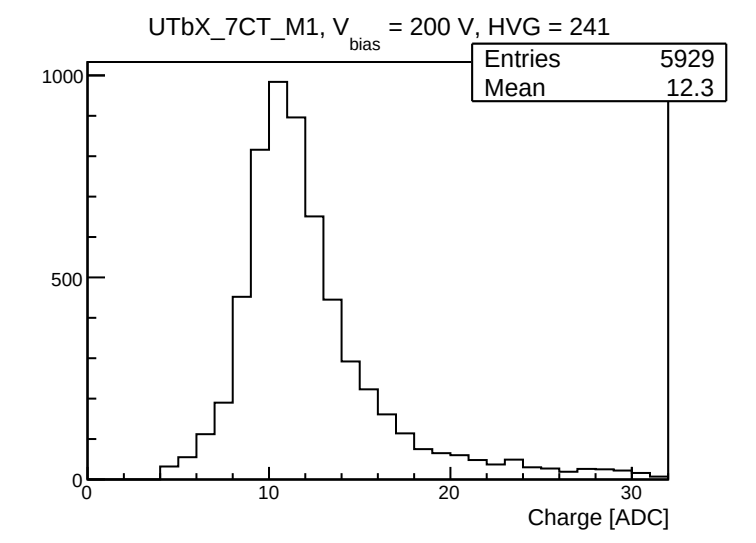

UTbX_2CT_S1, V bias = 250 V, HVG = 238
Entries 360558
Mean 13.18
40000
20000
0
0
10
20
30
Charge [ADC]

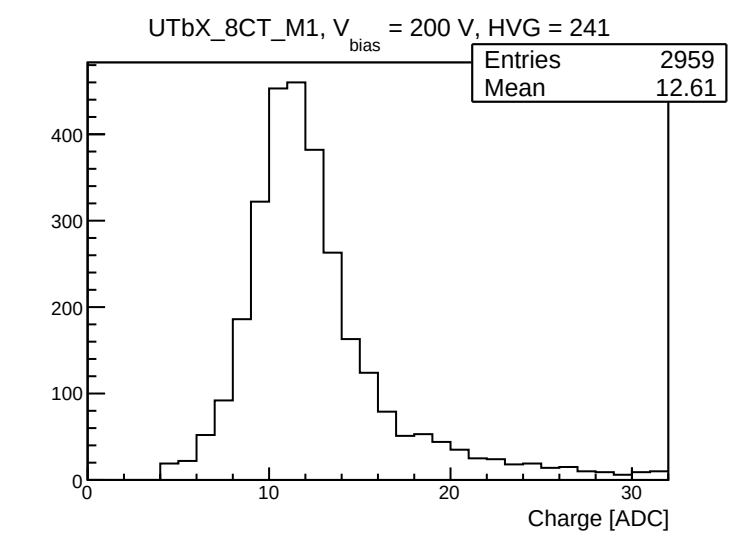

UTbX_3CT_M1, V bias = 250 V, HVG = 239
Entries 225759
Mean 13.74
30000
20000
10000
0
0
10
20
30
Charge [ADC]

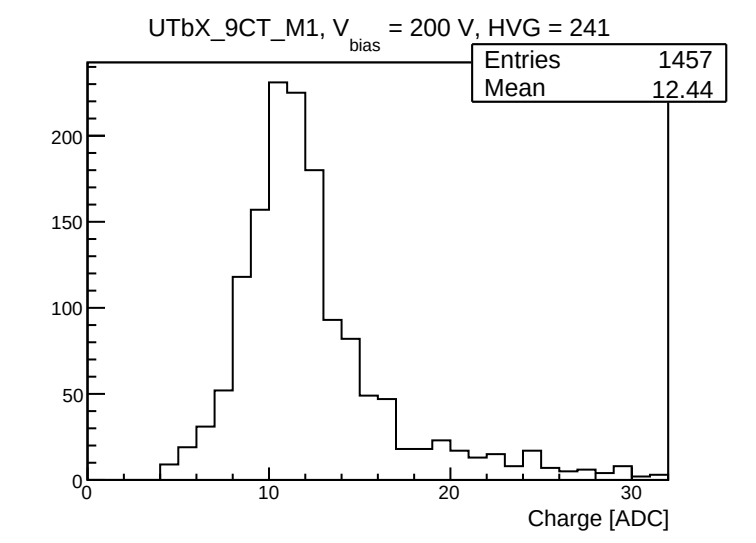

UTbX_4CT_M1, V bias = 200 V, HVG = 240
Entries 80674
Mean 13.47
10000
5000
0
0
10
20
30
Charge [ADC]

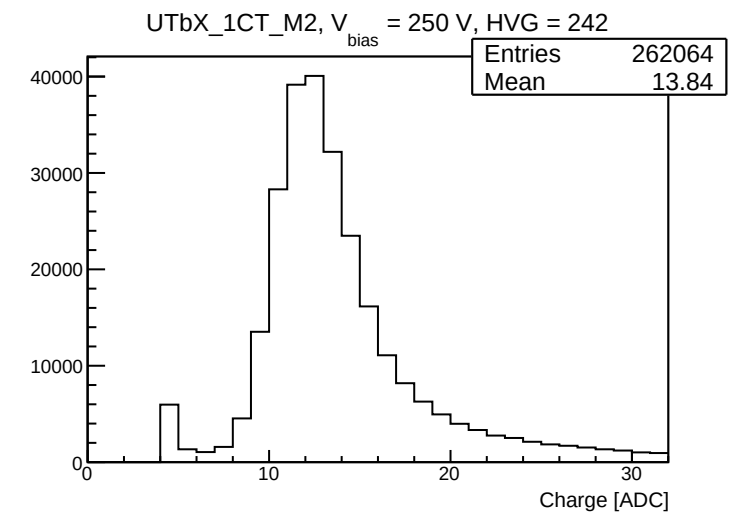

UTbX_5CT_M1, V bias = 200 V, HVG = 240
Entries 33800
Mean 12.09
6000
4000
2000
0
0
10
20
30
Charge [ADC]

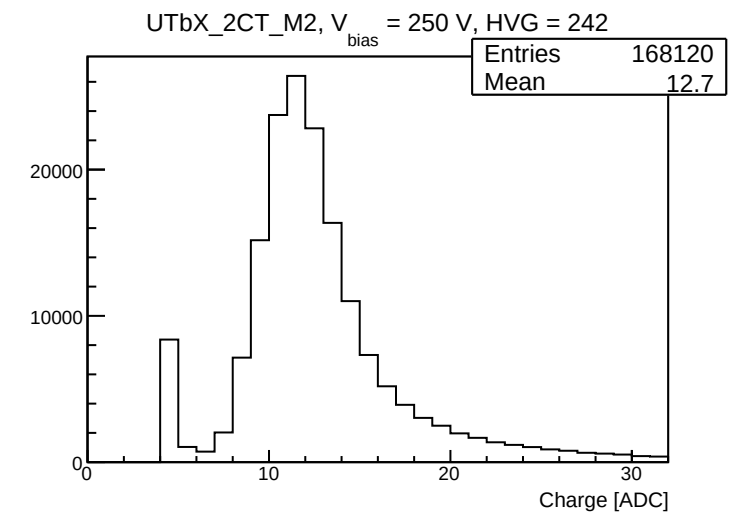

UTbX_6CT_M1, V bias = 200 V, HVG = 241
Entries 13488
Mean 13
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

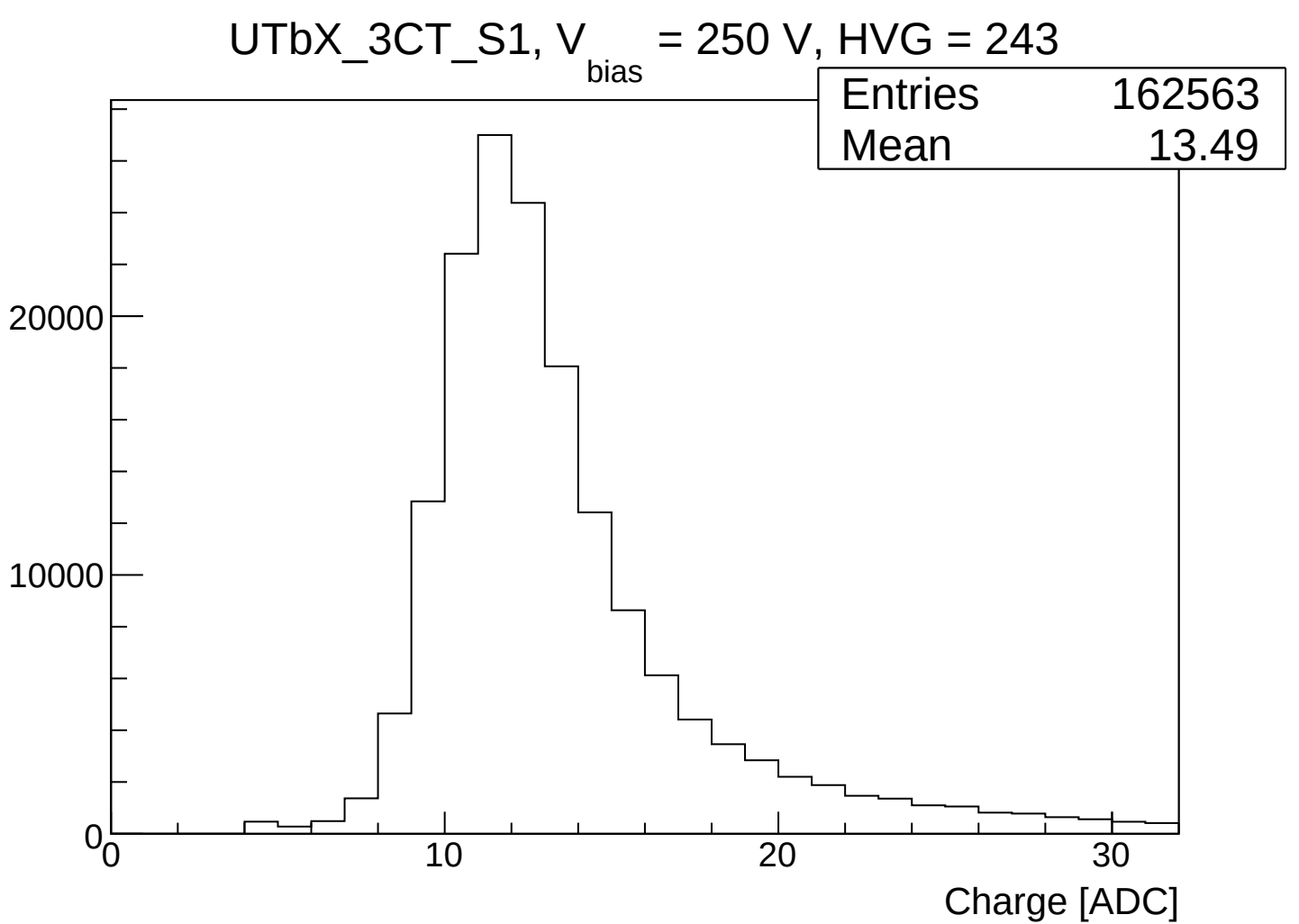

UTbX_7CT_M1, V bias = 200 V, HVG = 241
Entries 5929
Mean 12.3
1000
500
0
0
10
20
30
Charge [ADC]

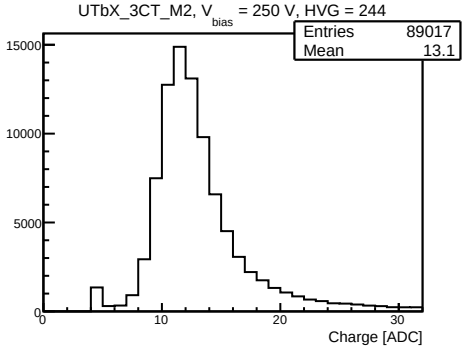

UTbX_8CT_M1, V bias = 200 V, HVG = 241
Entries 2959
Mean 12.61
400
300
200
100
0
0
10
20
30
Charge [ADC]

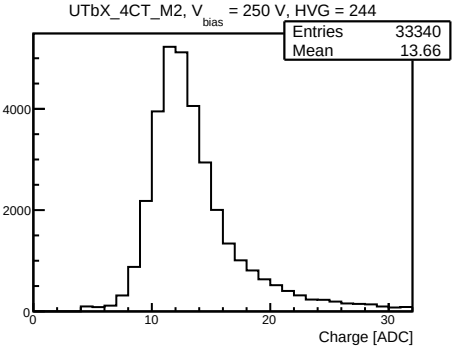

UTbX_9CT_M1, V bias = 200 V, HVG = 241
Entries 1457
Mean 12.44
200
150
100
50
0
0
10
20
30
Charge [ADC]

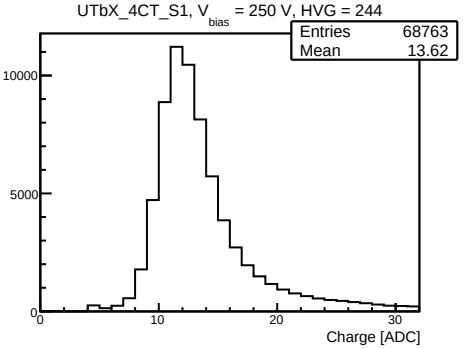

UTbX_1CT_M2, V bias = 250 V, HVG = 242
Entries 262064
Mean 13.84
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

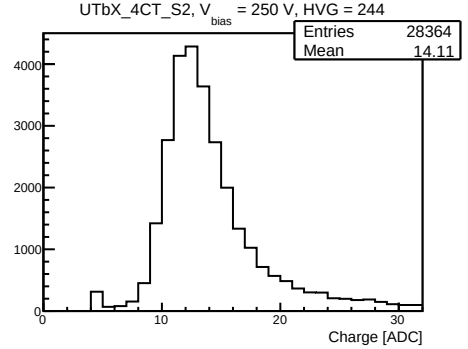

UTbX_2CT_M2, V bias = 250 V, HVG = 242
Entries 168120
Mean 12.7
20000
10000
0
0
10
20
30
Charge [ADC]

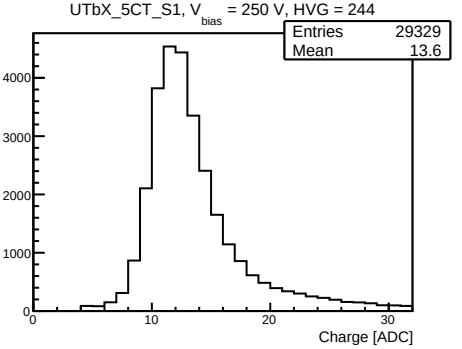

UTbX_3CT_S1, V bias = 250 V, HVG = 243
Entries 162563
Mean 13.49
20000
10000
0
0
10
20
30
Charge [ADC]

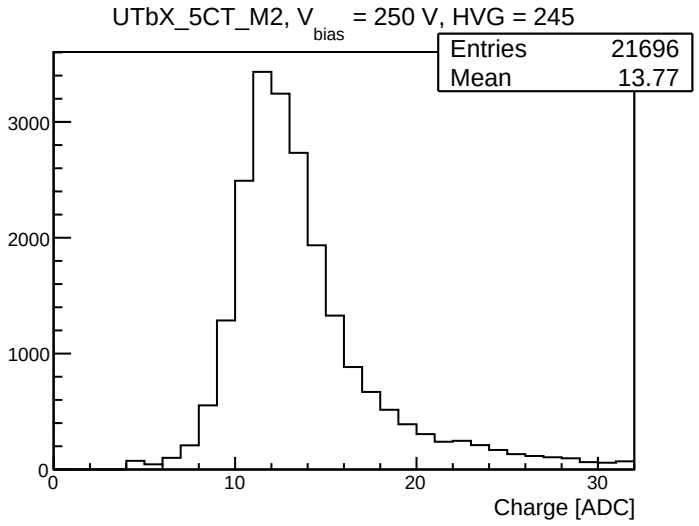

UTbX_3CT_M2, V bias = 250 V, HVG = 244
Entries 89017
Mean 13.1
Charge [ADC]

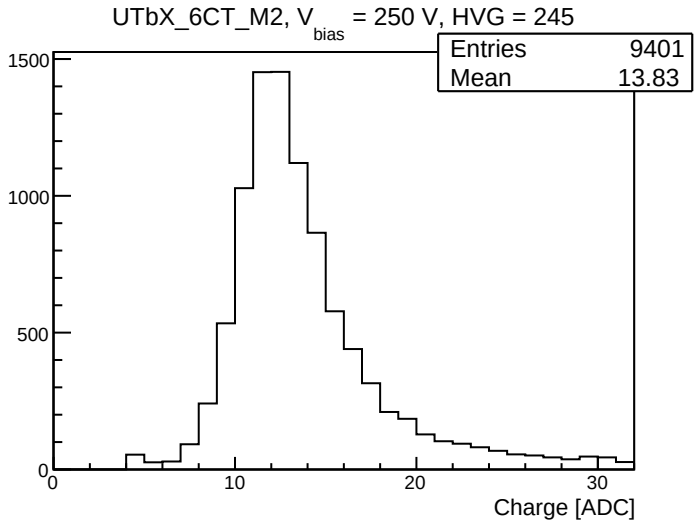

UTbX_4CT_M2, V bias = 250 V, HVG = 244
Entries 33340
Mean 13.66
Charge [ADC]

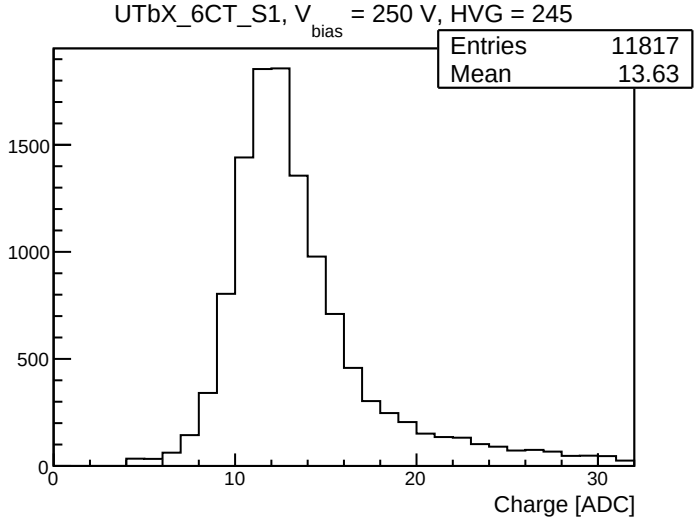

UTbX_4CT_S1, V bias = 250 V, HVG = 244
Entries 68763
Mean 13.62
Charge [ADC]

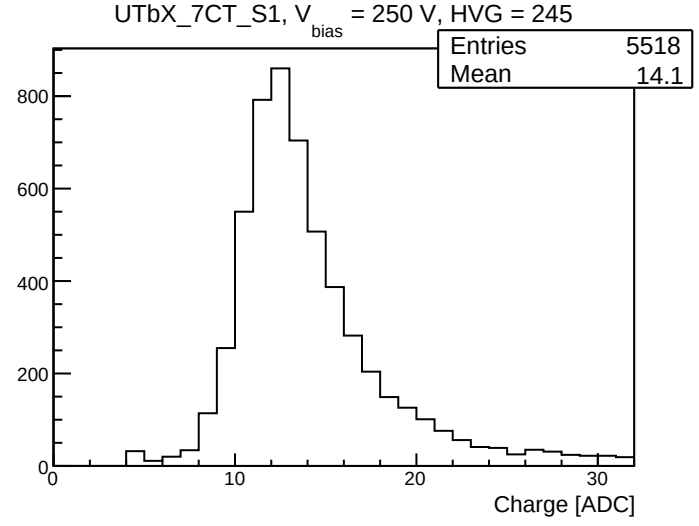

UTbX_4CT_S2, V bias = 250 V, HVG = 244
Entries 28364
Mean 14.11
Charge [ADC]

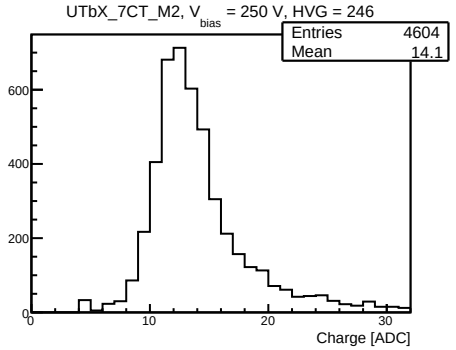

UTbX_5CT_S1, V bias = 250 V, HVG = 244
Entries 29329
Mean 13.6
Charge [ADC]

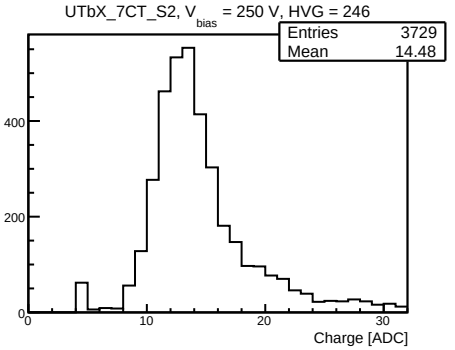

UTbX_5CT_M2, V bias = 250 V, HVG = 245
Entries 21696
Mean 13.77
3000
2000
1000
0
0
10
20
30
Charge [ADC]

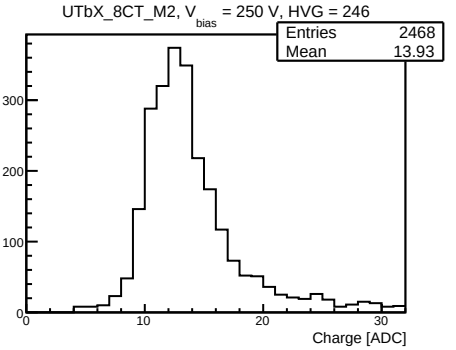

UTbX_6CT_M2, V bias = 250 V, HVG = 245
Entries 9401
Mean 13.83
1500
1000
500
0
0
10
20
30
Charge [ADC]

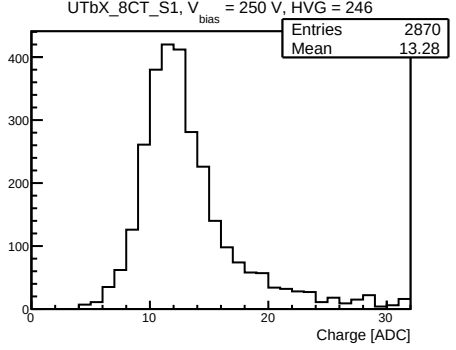

UTbX_6CT_S1, V bias = 250 V, HVG = 245
Entries 11817
Mean 13.63
1500
1000
500
0
0
10
20
30
Charge [ADC]

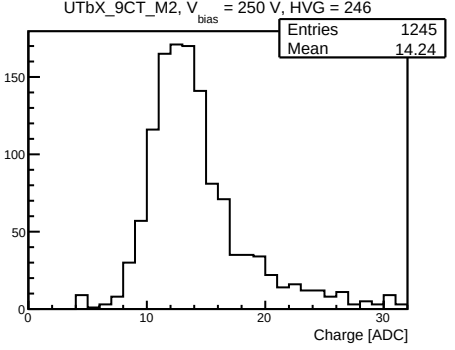

UTbX_7CT_S1, V bias = 250 V, HVG = 245
Entries 5518
Mean 14.1
800
600
400
200
0
0
10
20
30
Charge [ADC]

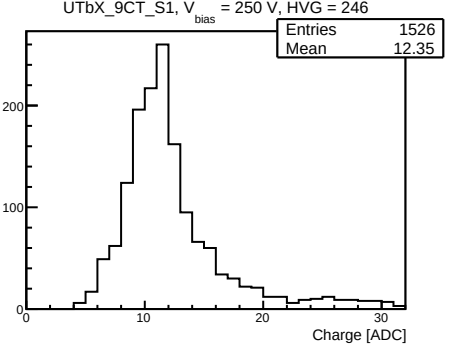

UTbX_7CT_M2, V bias = 250 V, HVG = 246
Entries 4604
Mean 14.1
Charge [ADC]

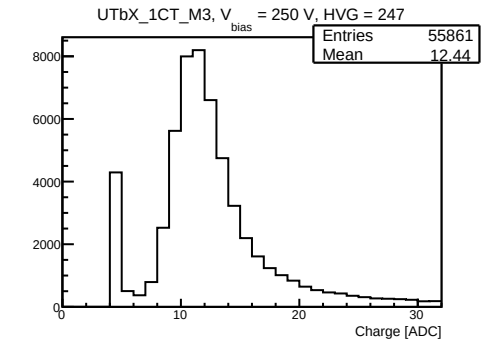

UTbX_7CT_S2, V bias = 250 V, HVG = 246
Entries 3729
Mean 14.48
Charge [ADC]

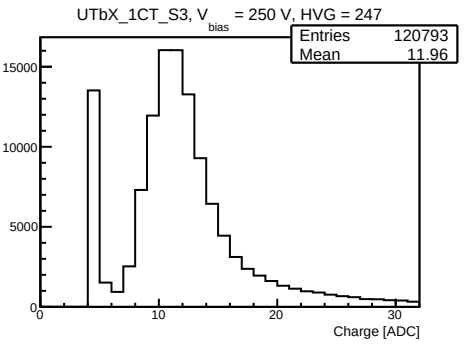

UTbX_8CT_M2, V bias = 250 V, HVG = 246
Entries 2468
Mean 13.93
Charge [ADC]

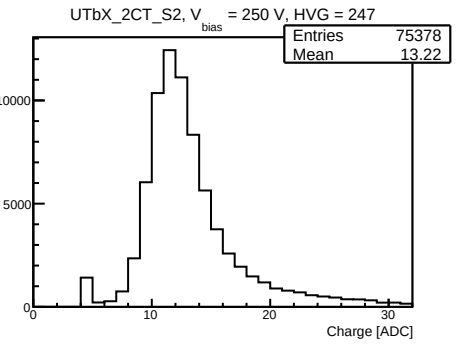

UTbX_8CT_S1, V bias = 250 V, HVG = 246
Entries 2870
Mean 13.28
Charge [ADC]

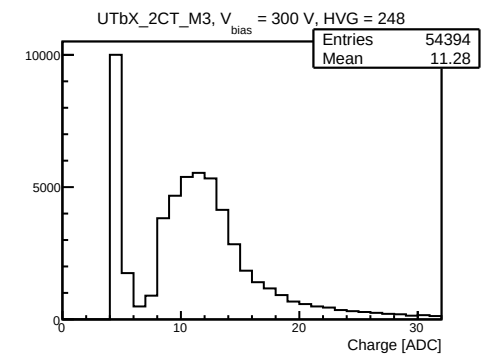

UTbX_9CT_M2, V bias = 250 V, HVG = 246
Entries 1245
Mean 14.24
Charge [ADC]

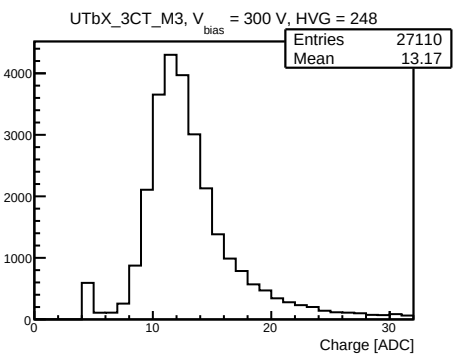

UTbX_9CT_S1, V bias = 250 V, HVG = 246
Entries 1526
Mean 12.35
Charge [ADC]

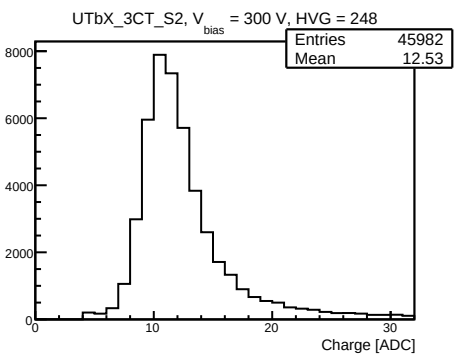

UTbX_1CT_M3, V bias = 250 V, HVG = 247
Entries 55861
Mean 12.44
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

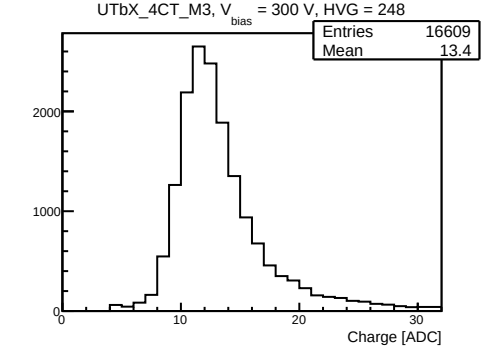

UTbX_1CT_S3, V bias = 250 V, HVG = 247
Entries 120793
Mean 11.96
15000
10000
5000
0
0
10
20
30
Charge [ADC]

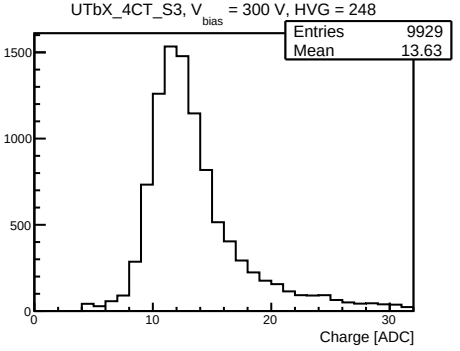

UTbX_2CT_S2, V bias = 250 V, HVG = 247
Entries 75378
Mean 13.22
10000
5000
0
0
10
20
30
Charge [ADC]

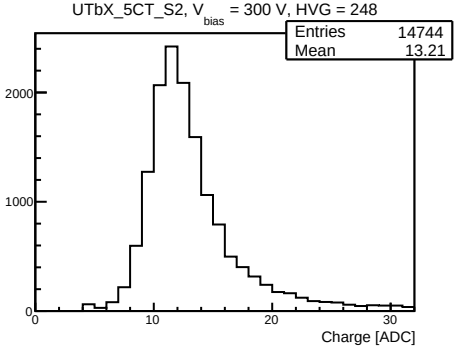

UTbX_2CT_M3, V bias = 300 V, HVG = 248
Entries 54394
Mean 11.28
Charge [ADC]

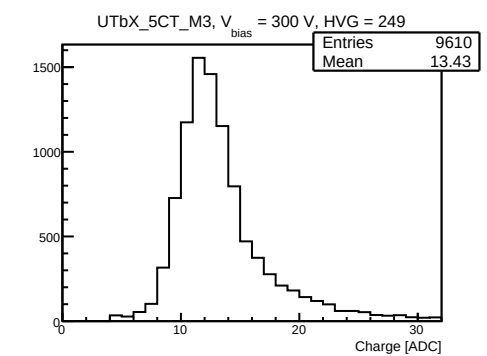

UTbX_3CT_M3, V bias = 300 V, HVG = 248
Entries 27110
Mean 13.17
Charge [ADC]

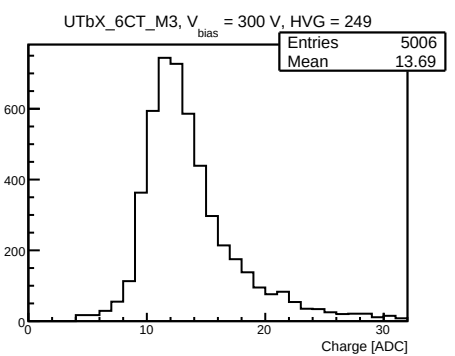

UTbX_3CT_S2, V bias = 300 V, HVG = 248
Entries 45982
Mean 12.53
Charge [ADC]

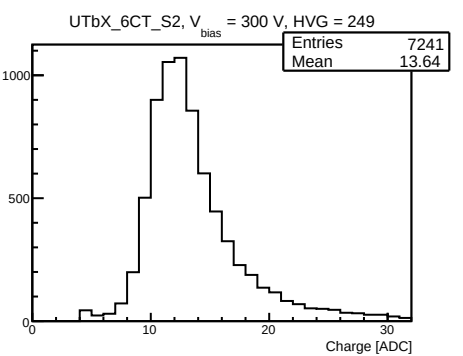

UTbX_4CT_M3, V bias = 300 V, HVG = 248
Entries 16609
Mean 13.4
Charge [ADC]

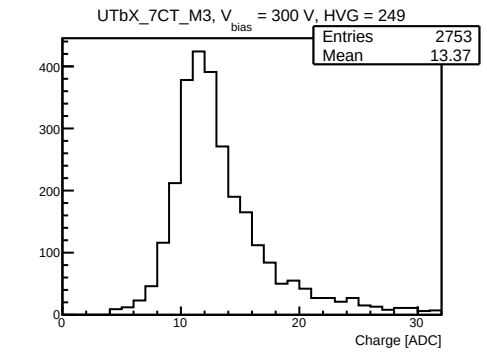

UTbX_4CT_S3, V bias = 300 V, HVG = 248
Entries 9929
Mean 13.63
Charge [ADC]

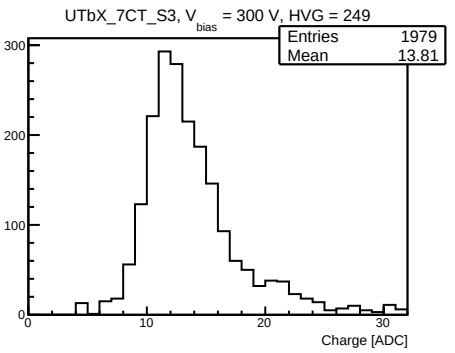

UTbX_5CT_S2, V bias = 300 V, HVG = 248
Entries 14744
Mean 13.21
Charge [ADC]

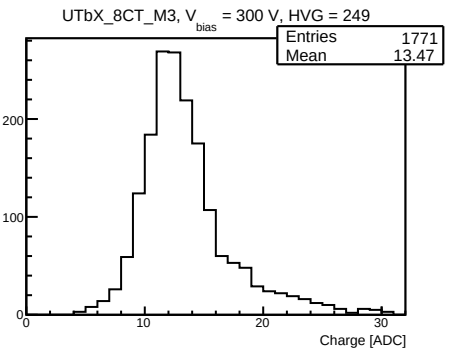

UTbX_5CT_M3, V bias = 300 V, HVG = 249
Entries 9610
Mean 13.43
Charge [ADC]

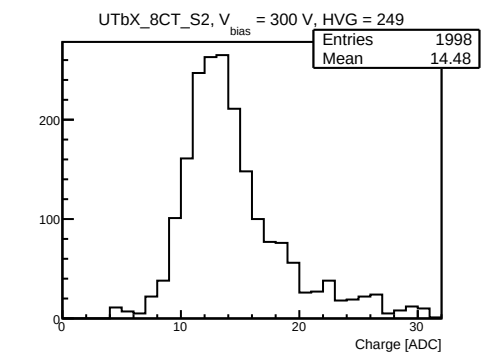

UTbX_6CT_M3, V bias = 300 V, HVG = 249
Entries 5006
Mean 13.69
Charge [ADC]

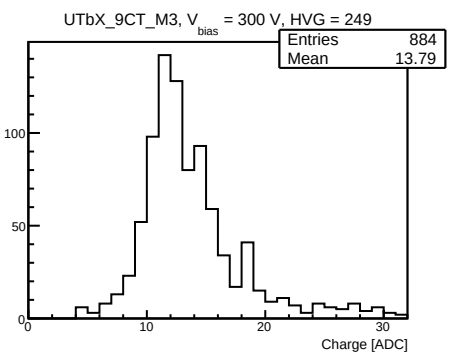

UTbX_6CT_S2, V bias = 300 V, HVG = 249
Entries 7241
Mean 13.64
Charge [ADC]

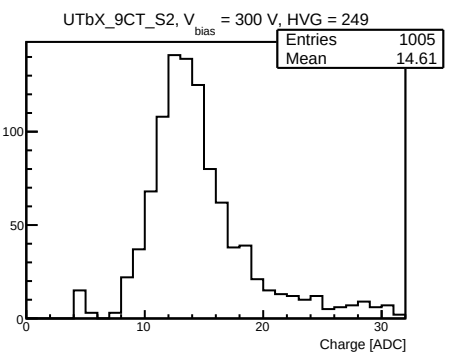

UTbX_7CT_M3, V bias = 300 V, HVG = 249
Entries 2753
Mean 13.37
Charge [ADC]

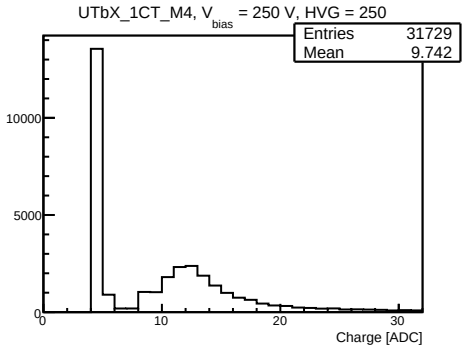

UTbX_7CT_S3, V bias = 300 V, HVG = 249
Entries 1979
Mean 13.81
Charge [ADC]

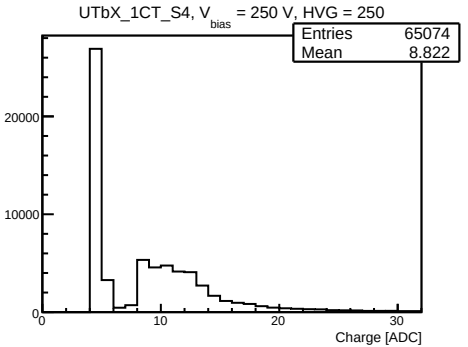

UTbX_8CT_M3, V bias = 300 V, HVG = 249
Entries 1771
Mean 13.47
Charge [ADC]

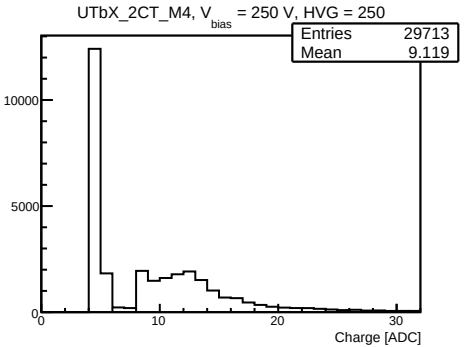

UTbX_8CT_S2, V bias = 300 V, HVG = 249
Entries 1998
Mean 14.48
Charge [ADC]

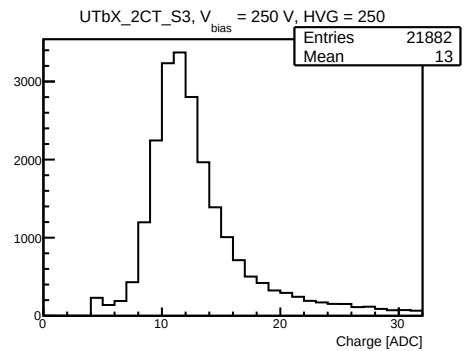

UTbX_9CT_M3, V bias = 300 V, HVG = 249
Entries 884
Mean 13.79
Charge [ADC]

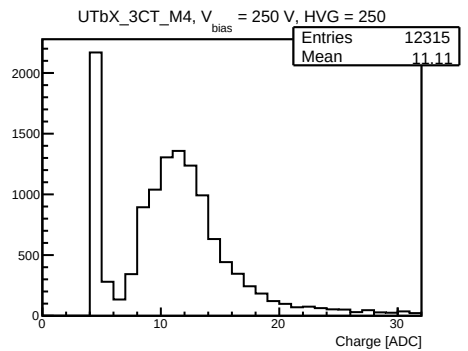

UTbX_9CT_S2, V bias = 300 V, HVG = 249
Entries 1005
Mean 14.61
Charge [ADC]

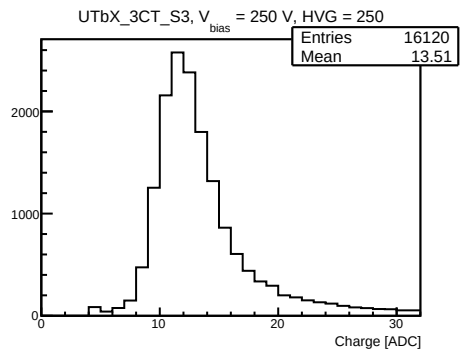

UTbX_1CT_M4, V bias = 250 V, HVG = 250
Entries 31729
Mean 9.742
Charge [ADC]

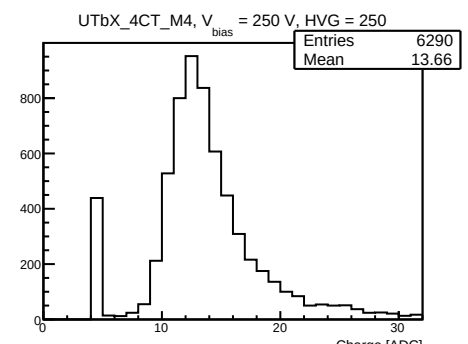

UTbX_1CT_S4, V bias = 250 V, HVG = 250
Entries 65074
Mean 8.822
Charge [ADC]

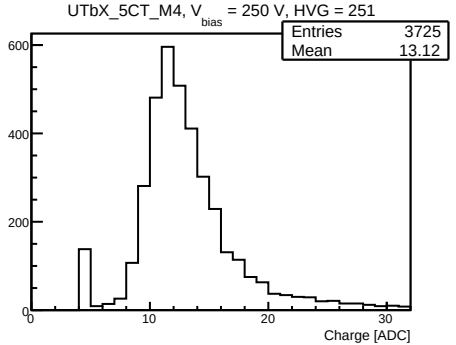

UTbX_2CT_M4, V bias = 250 V, HVG = 250
Entries 29713
Mean 9.119
Charge [ADC]

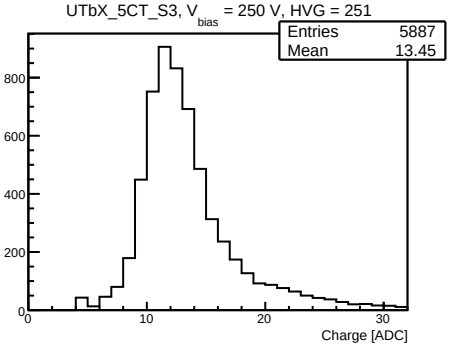

UTbX_2CT_S3, V bias = 250 V, HVG = 250
Entries 21882
Mean 13
Charge [ADC]

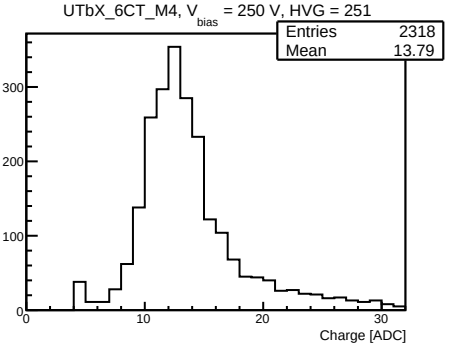

UTbX_3CT_M4, V bias = 250 V, HVG = 250
Entries 12315
Mean 11.11
Charge [ADC]

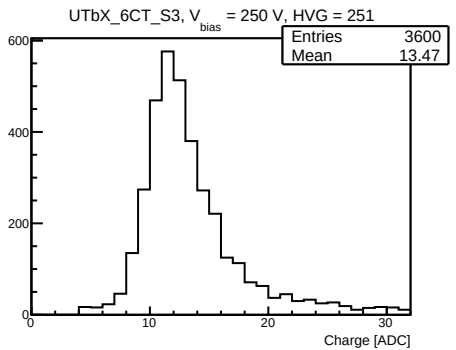

UTbX_3CT_S3, V bias = 250 V, HVG = 250
Entries 16120
Mean 13.51
Charge [ADC]

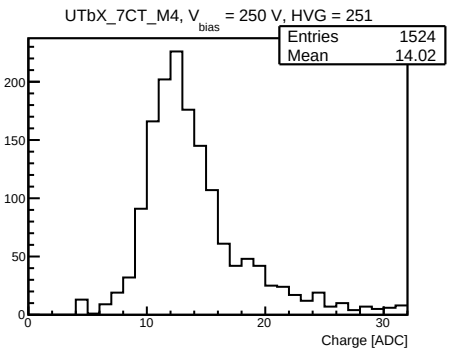

UTbX_4CT_M4, V bias = 250 V, HVG = 250
Entries 6290
Mean 13.66
Charge [ADC]

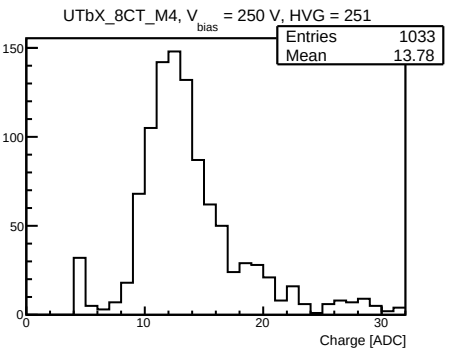

UTbX_5CT_M4, V bias = 250 V, HVG = 251
Entries 3725
Mean 13.12
Charge [ADC]

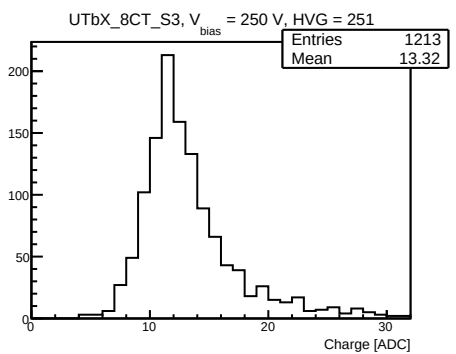

UTbX_5CT_S3, V bias = 250 V, HVG = 251
Entries 5887
Mean 13.45
Charge [ADC]

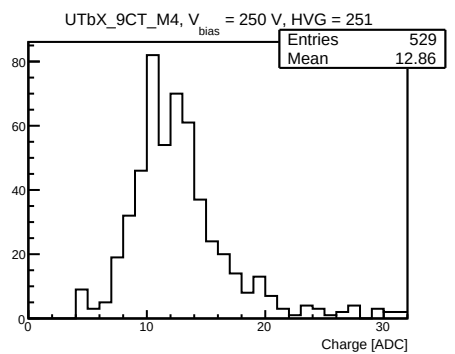

UTbX_6CT_M4, V bias = 250 V, HVG = 251
Entries 2318
Mean 13.79
Charge [ADC]

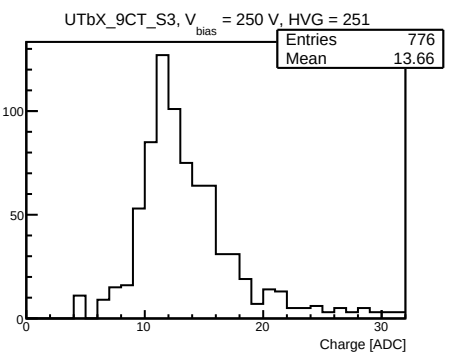

UTbX_6CT_S3, V bias = 250 V, HVG = 251
Entries 3600
Mean 13.47
Charge [ADC]

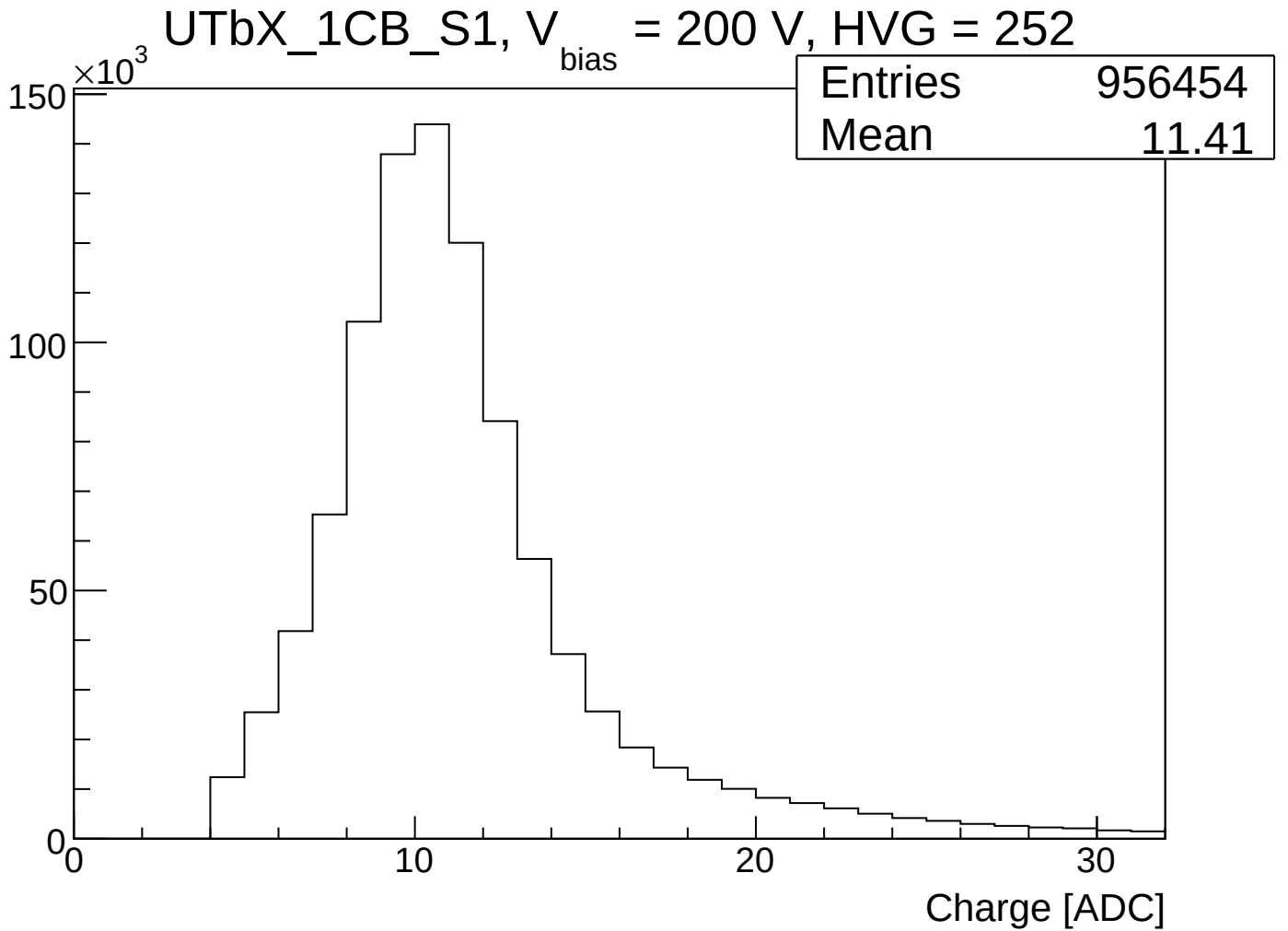

UTbX_7CT_M4, V bias = 250 V, HVG = 251
Entries 1524
Mean 14.02
Charge [ADC]

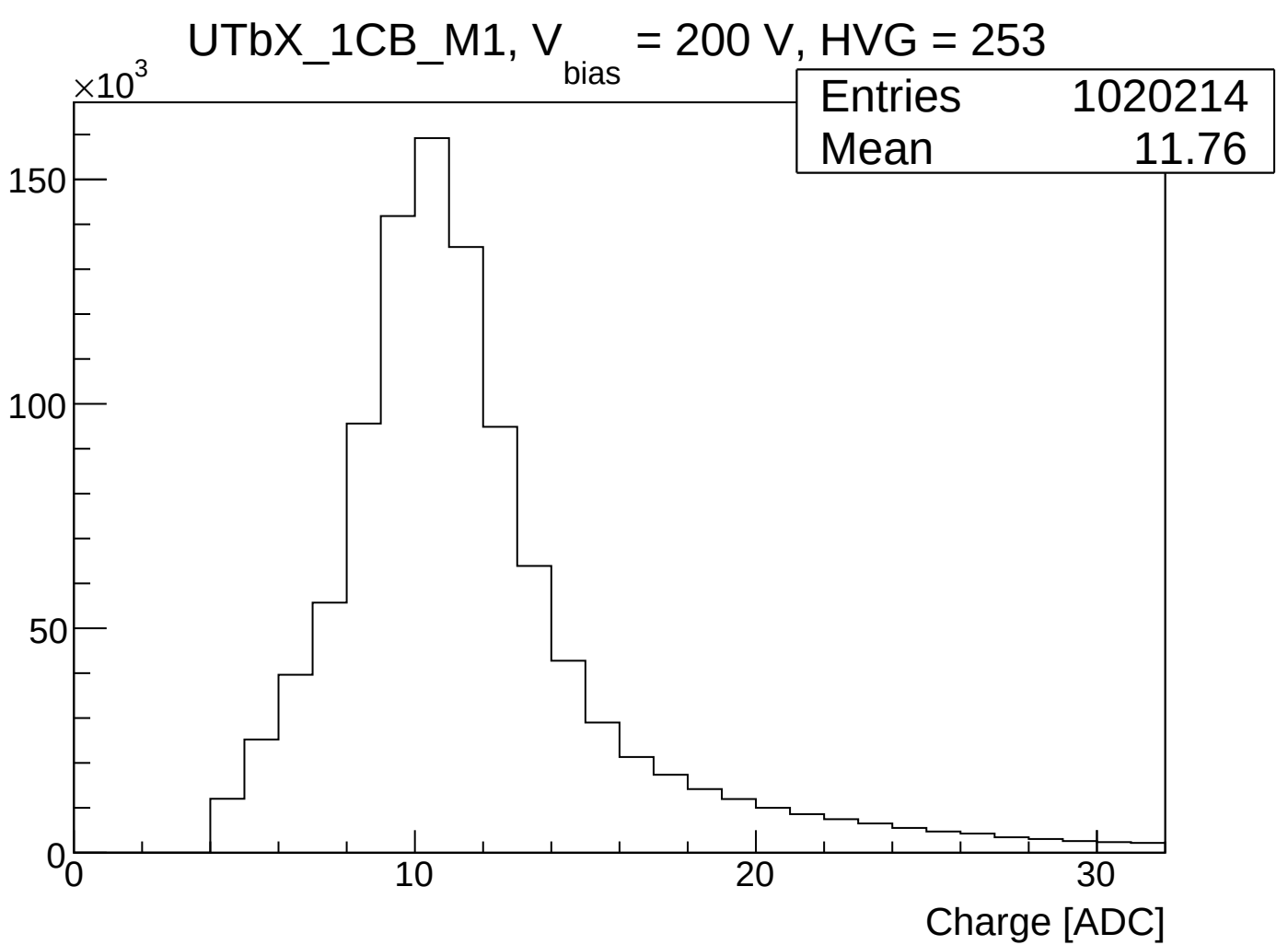

UTbX_8CT_M4, V bias = 250 V, HVG = 251
Entries 1033
Mean 13.78
Charge [ADC]

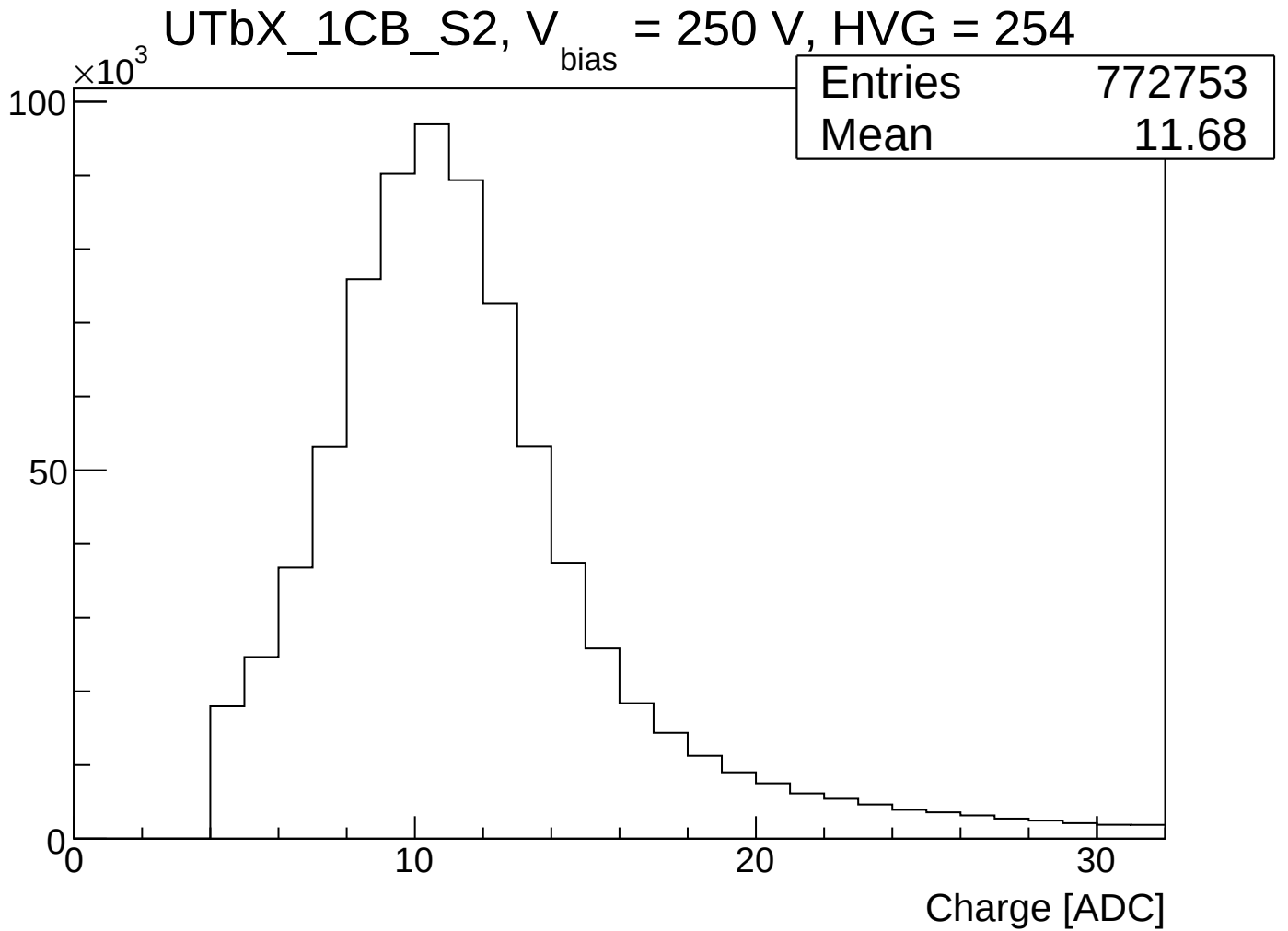

UTbX_8CT_S3, V bias = 250 V, HVG = 251
Entries 1213
Mean 13.32
Charge [ADC]

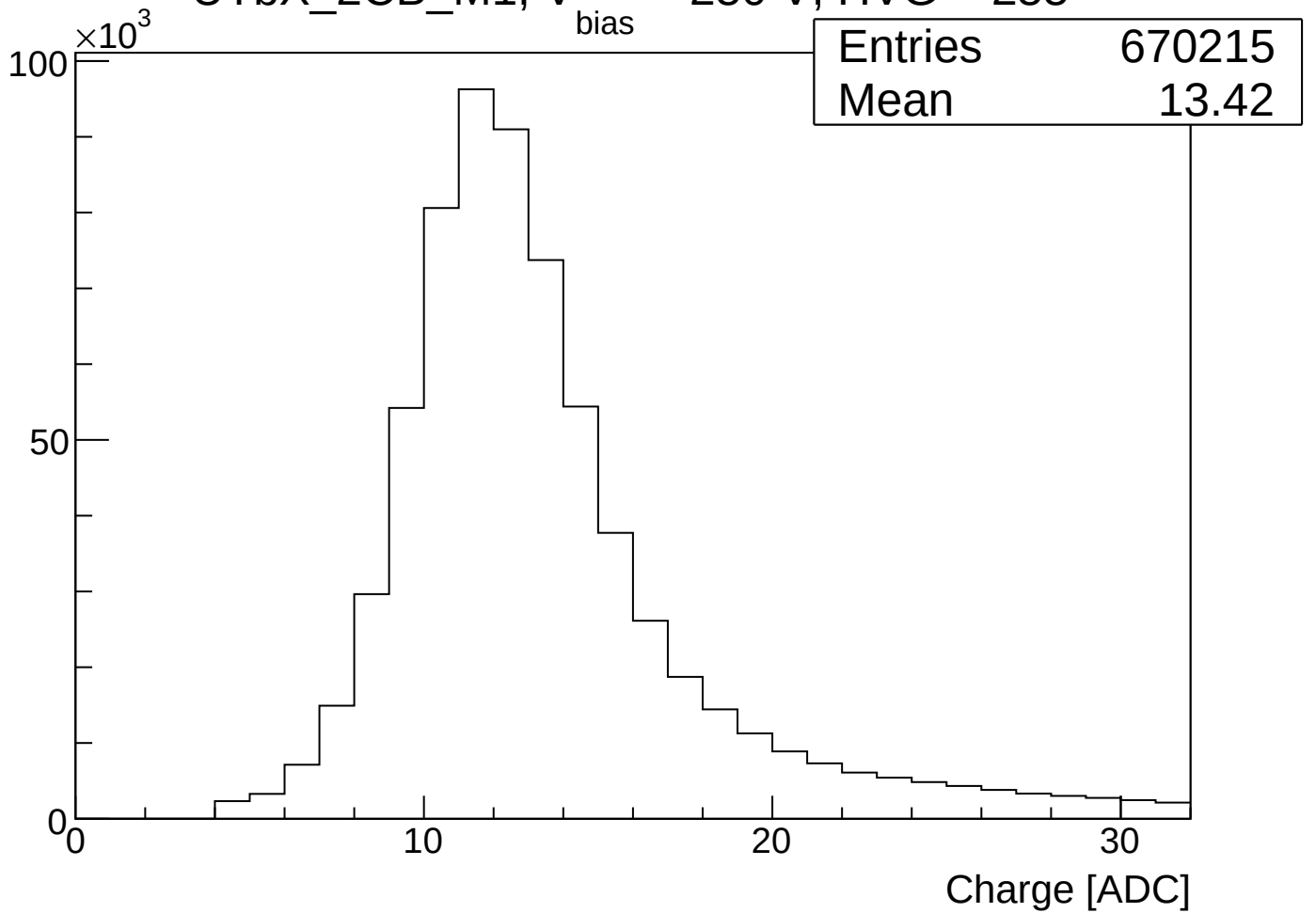

UTbX_9CT_M4, V bias = 250 V, HVG = 251
Entries 529
Mean 12.86
Charge [ADC]

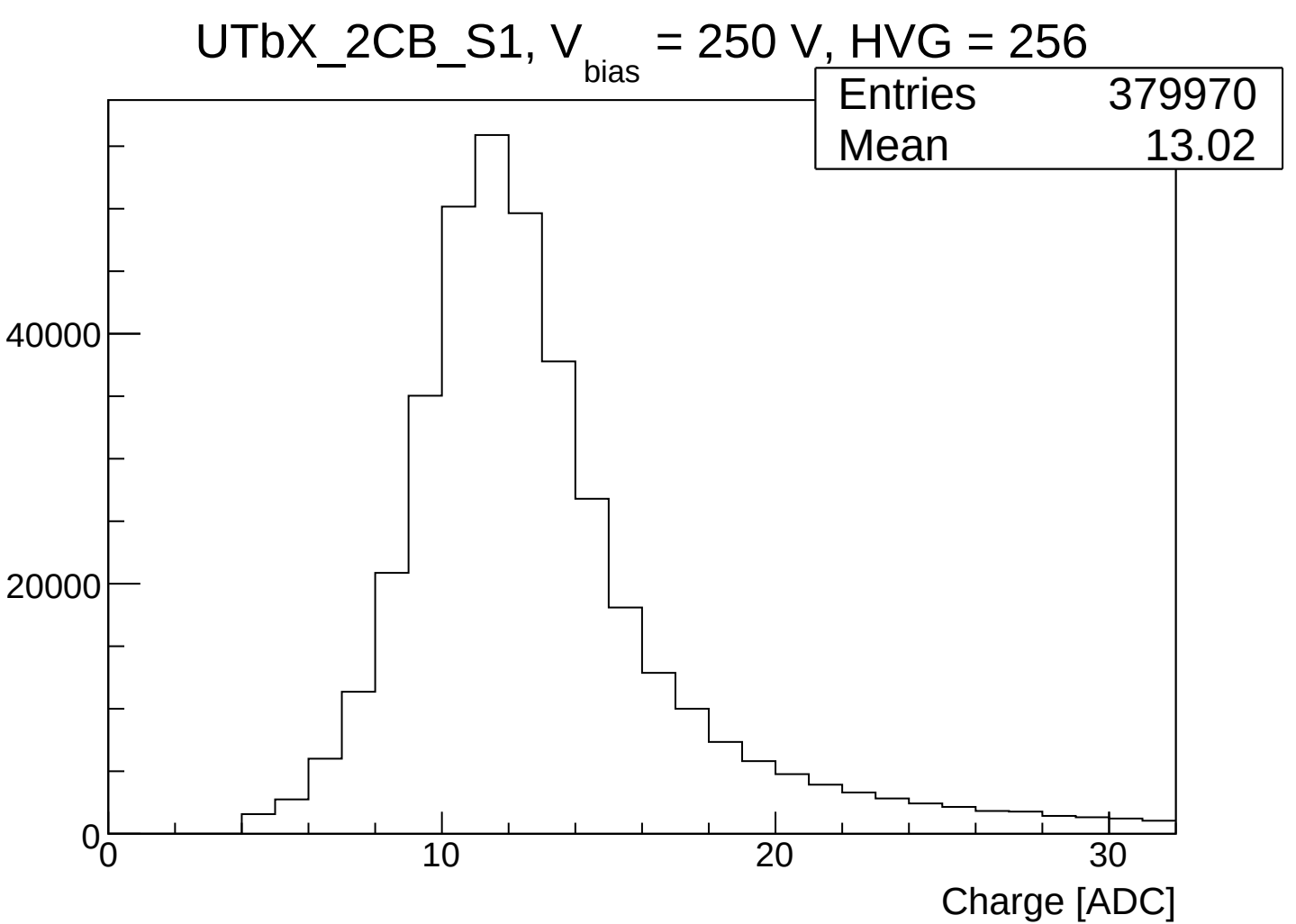

UTbX_9CT_S3, V bias = 250 V, HVG = 251
Entries 776
Mean 13.66
Charge [ADC]

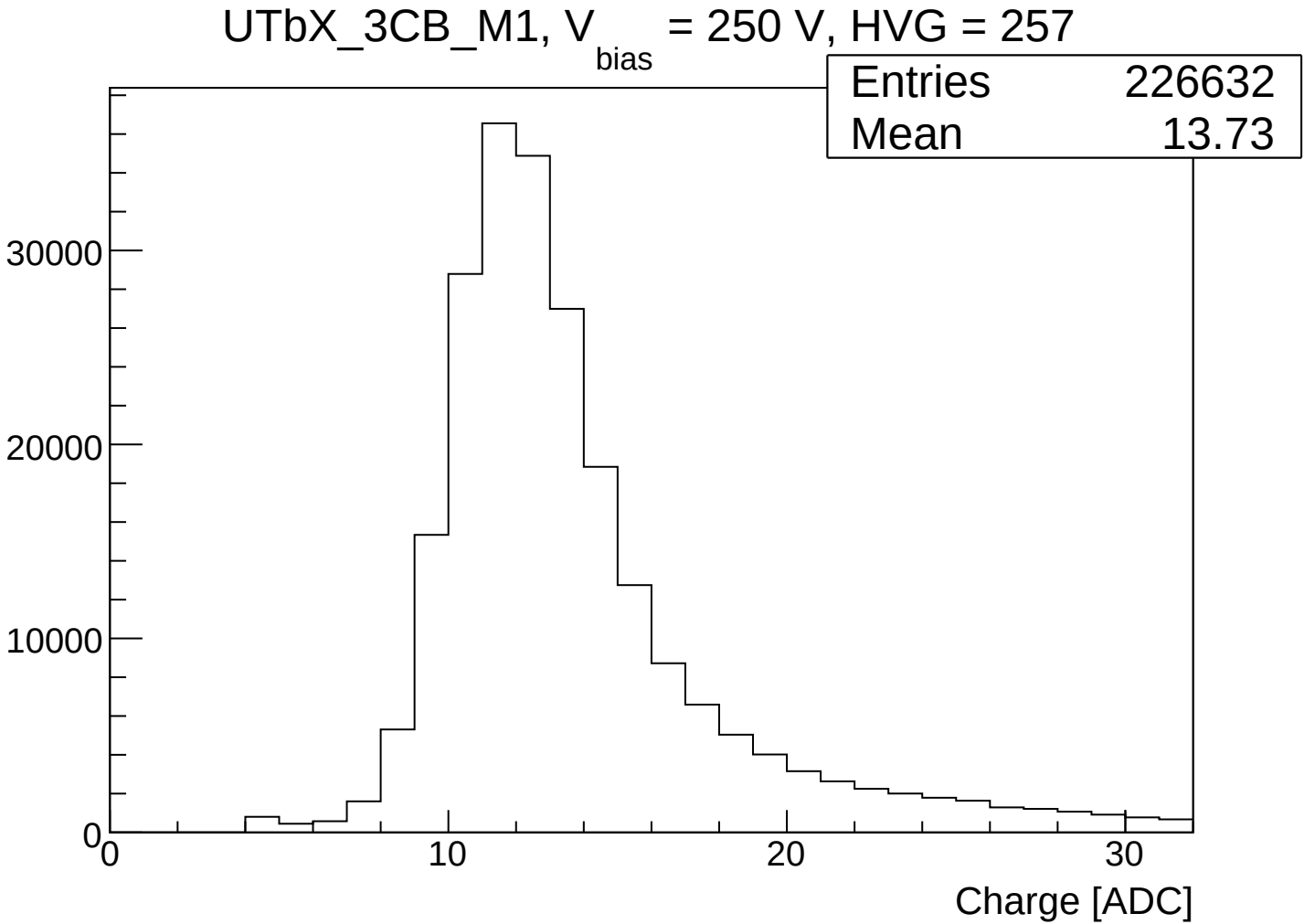

UTbX_1CB_S1, V bias = 200 V, HVG = 252
×10^3
150
100
50
0
0
10
20
30
Charge [ADC]
Entries 956454
Mean 11.41

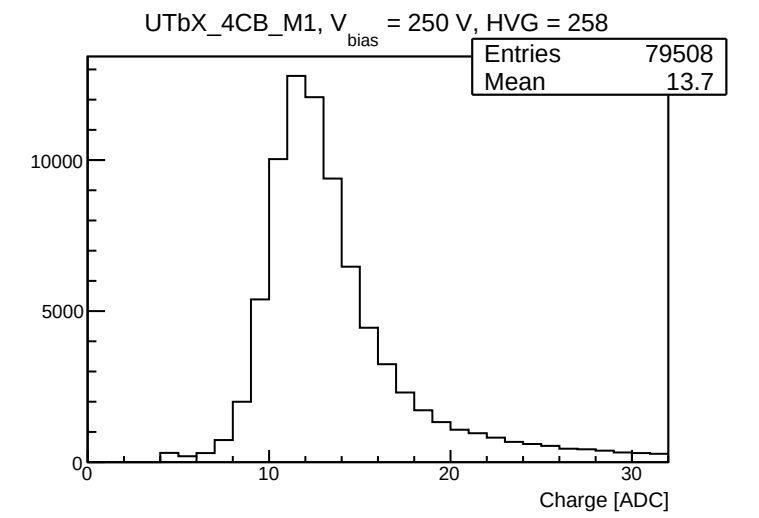

UTbX_1CB_M1, V bias = 200 V, HVG = 253
×10^3
Entries 1020214
Mean 11.76
150
100
50
0
0
10
20
30
Charge [ADC]

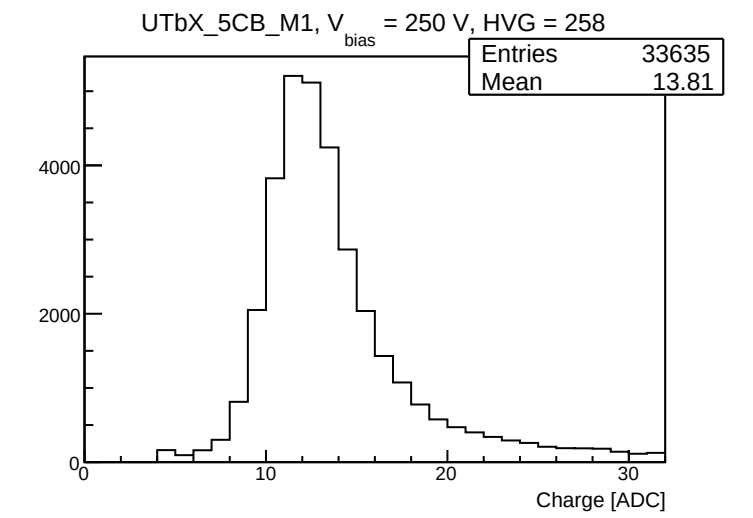

UTbX_1CB_S2, V bias = 250 V, HVG = 254
Entries 772753
Mean 11.68
×10^3
100
50
0
0
10
20
30
Charge [ADC]

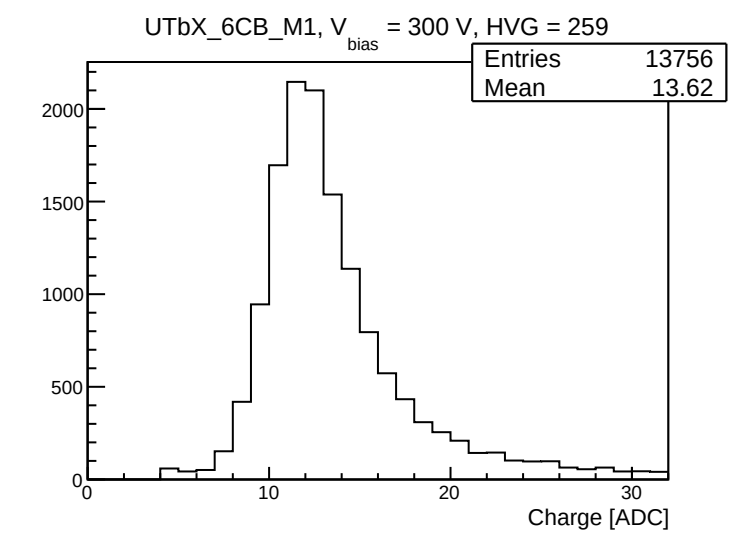

UTbX_2CB_M1, V bias = 250 V, HVG = 255
×10^3
Entries 670215
Mean 13.42
100
50
0
0
10
20
30
Charge [ADC]

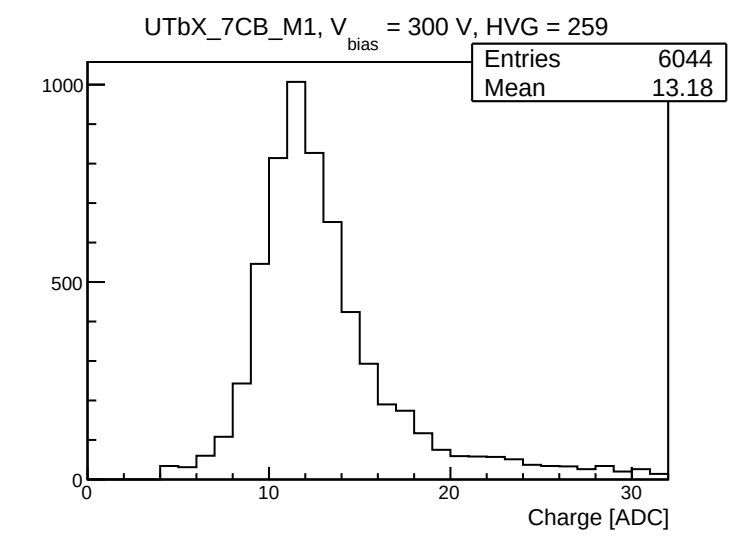

UTbX_2CB_S1, V bias = 250 V, HVG = 256
Entries 379970
Mean 13.02
40000
20000
0
0
10
20
30
Charge [ADC]

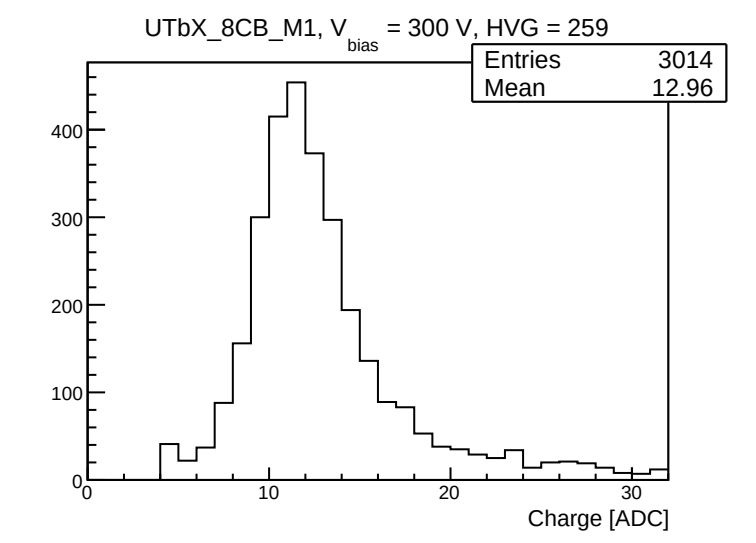

UTbX_3CB_M1, V bias = 250 V, HVG = 257
Entries 226632
Mean 13.73
30000
20000
10000
0
0
10
20
30
Charge [ADC]

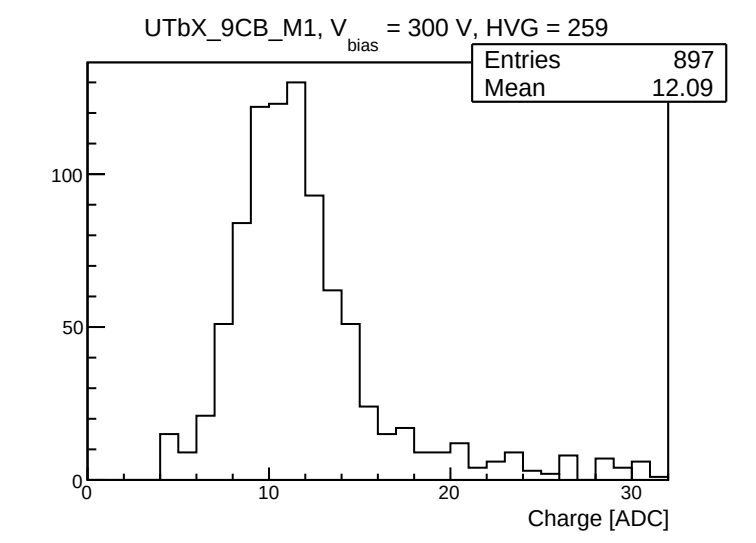

UTbX_4CB_M1, V bias = 250 V, HVG = 258
Entries 79508
Mean 13.7
10000
5000
0
0
10
20
30
Charge [ADC]

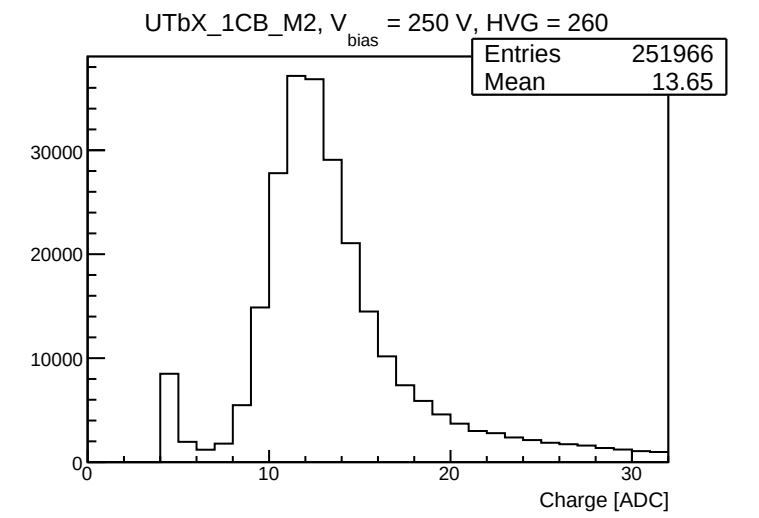

UTbX_5CB_M1, V bias = 250 V, HVG = 258
Entries 33635
Mean 13.81
4000
2000
0
0
10
20
30
Charge [ADC]

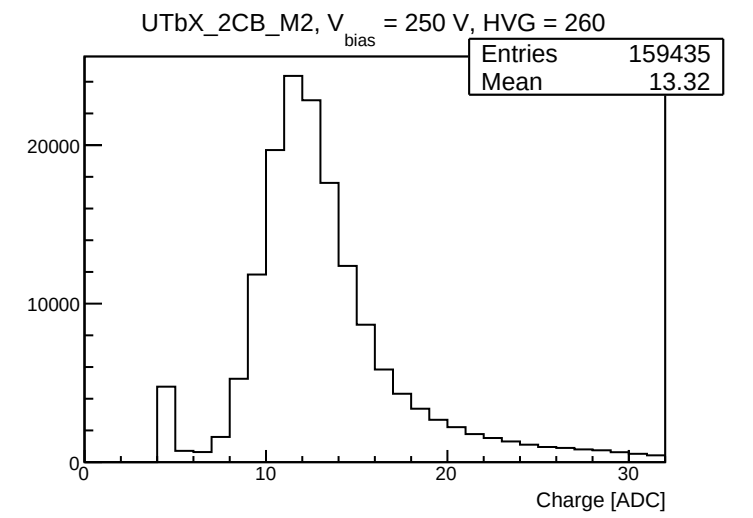

UTbX_6CB_M1, V bias = 300 V, HVG = 259
Entries 13756
Mean 13.62
Charge [ADC]

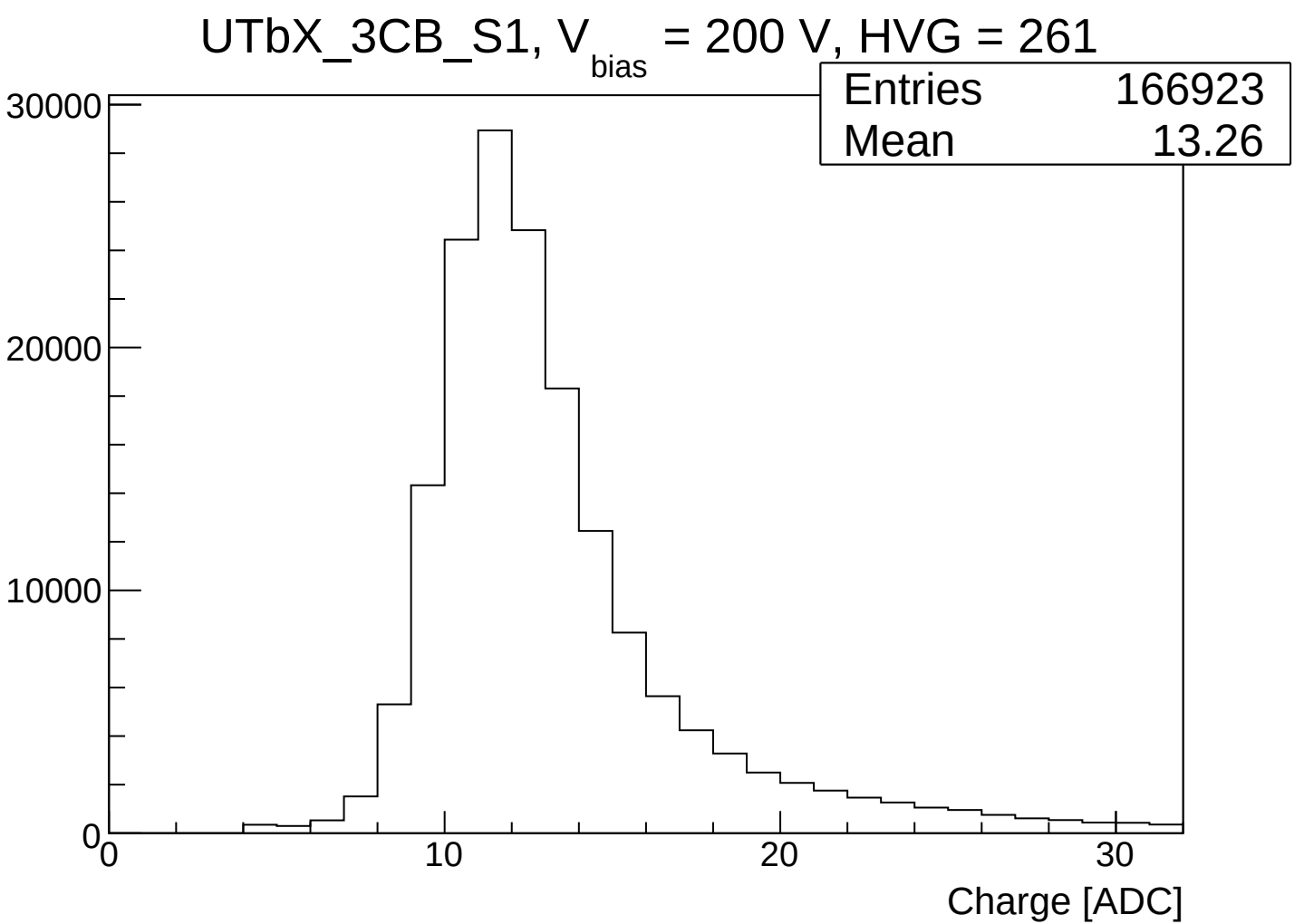

UTbX_7CB_M1, V bias = 300 V, HVG = 259
Entries 6044
Mean 13.18
Charge [ADC]

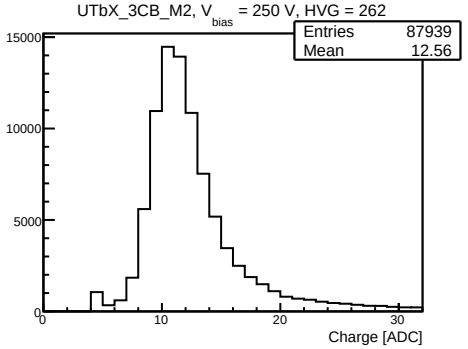

UTbX_8CB_M1, V bias = 300 V, HVG = 259
Entries 3014
Mean 12.96
Charge [ADC]

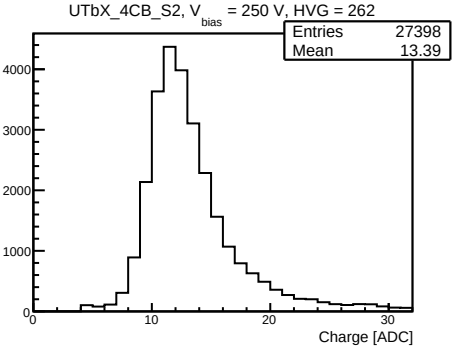

UTbX_9CB_M1, V bias = 300 V, HVG = 259
Entries 897
Mean 12.09
Charge [ADC]

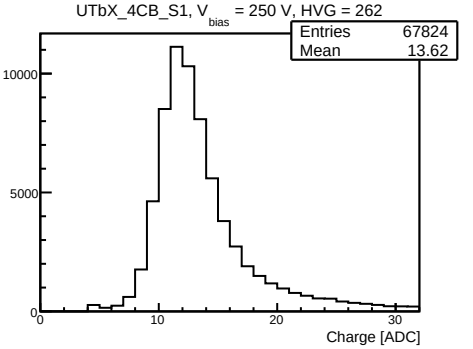

UTbX_1CB_M2, V bias = 250 V, HVG = 260
Entries 251966
Mean 13.65
30000
20000
10000
0
0
10
20
30
Charge [ADC]

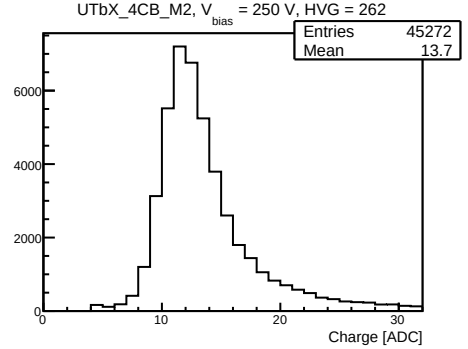

UTbX_2CB_M2, V bias = 250 V, HVG = 260
Entries 159435
Mean 13.32
20000
10000
0
0
10
20
30
Charge [ADC]

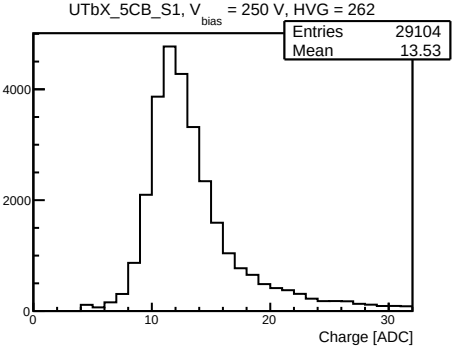

UTbX_3CB_S1, V bias = 200 V, HVG = 261
Entries 166923
Mean 13.26
30000
20000
10000
0
0
10
20
30
Charge [ADC]

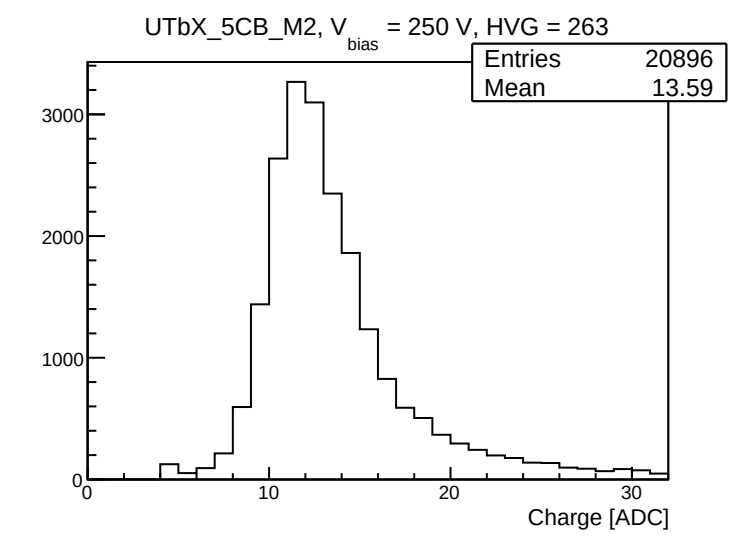

UTbX_3CB_M2, V bias = 250 V, HVG = 262
Entries 87939
Mean 12.56
Charge [ADC]

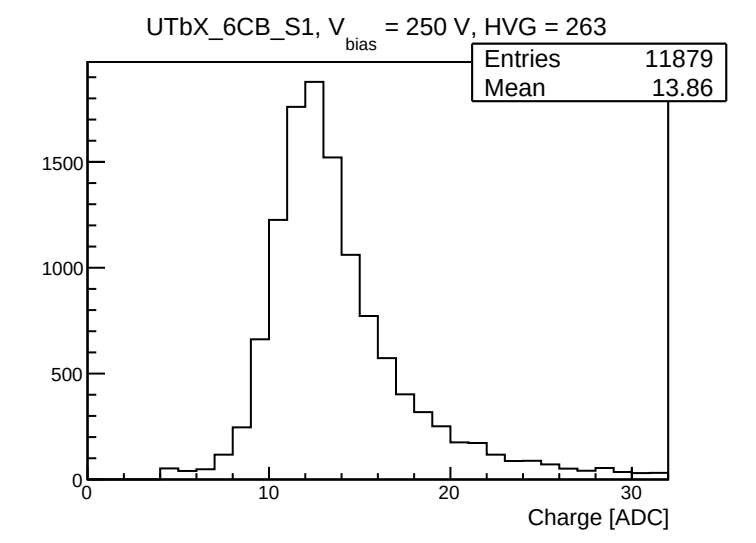

UTbX_4CB_S2, V bias = 250 V, HVG = 262
Entries 27398
Mean 13.39
Charge [ADC]

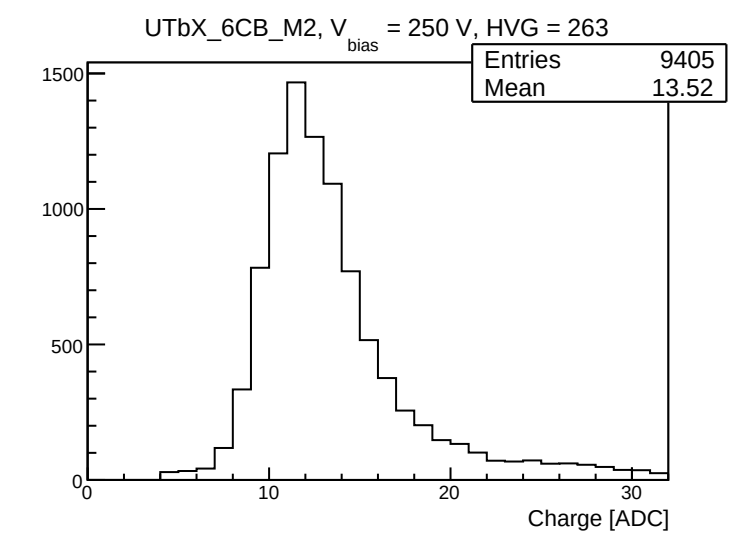

UTbX_4CB_S1, V bias = 250 V, HVG = 262
Entries 67824
Mean 13.62
Charge [ADC]

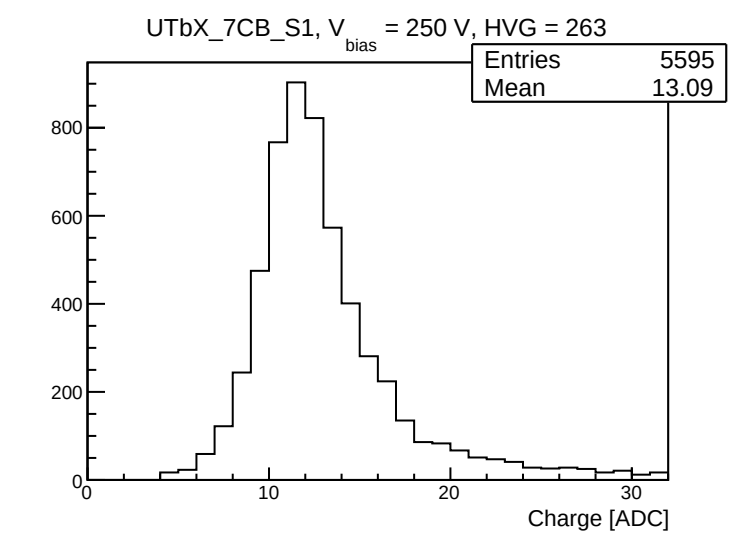

UTbX_4CB_M2, V bias = 250 V, HVG = 262
Entries 45272
Mean 13.7
Charge [ADC]

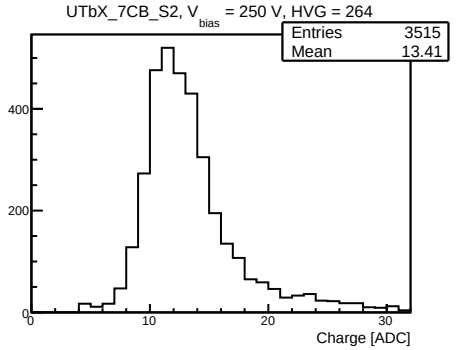

UTbX_5CB_S1, V bias = 250 V, HVG = 262
Entries 29104
Mean 13.53
Charge [ADC]

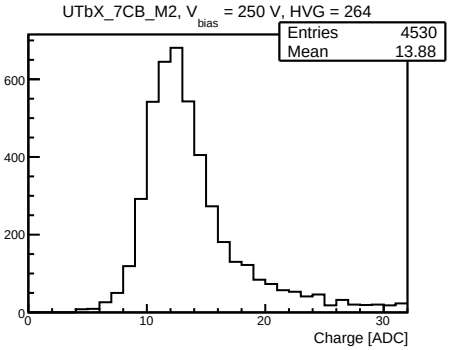

UTbX_5CB_M2, V bias = 250 V, HVG = 263
Entries 20896
Mean 13.59
3000
2000
1000
0
0
10
20
30
Charge [ADC]

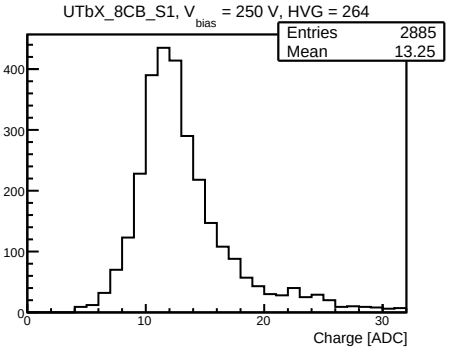

UTbX_6CB_S1, V bias = 250 V, HVG = 263
Entries 11879
Mean 13.86
1500
1000
500
0
0
10
20
30
Charge [ADC]

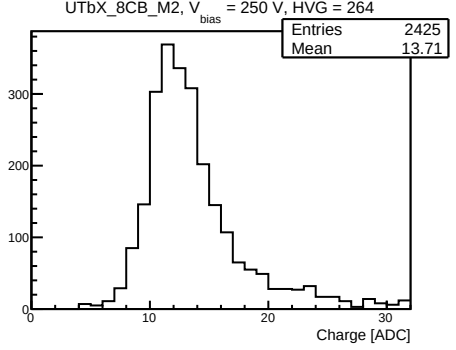

UTbX_6CB_M2, V bias = 250 V, HVG = 263
Entries 9405
Mean 13.52
1500
1000
500
0
0
10
20
30
Charge [ADC]

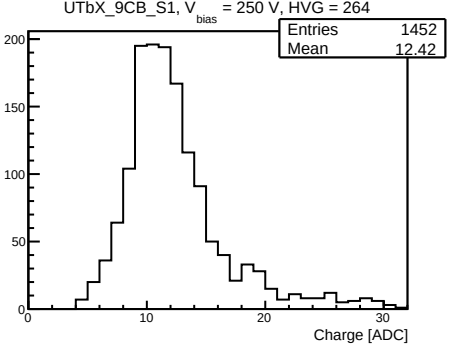

UTbX_7CB_S1, V bias = 250 V, HVG = 263
Entries 5595
Mean 13.09
800
600
400
200
0
0
10
20
30
Charge [ADC]

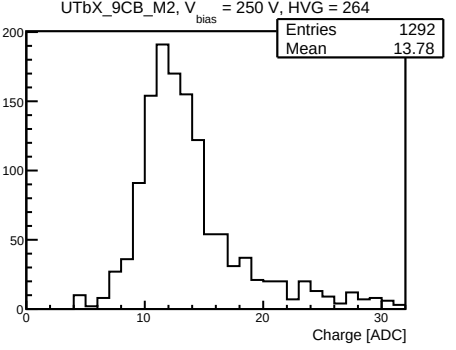

UTbX_7CB_S2, V bias = 250 V, HVG = 264
Entries 3515
Mean 13.41
Charge [ADC]

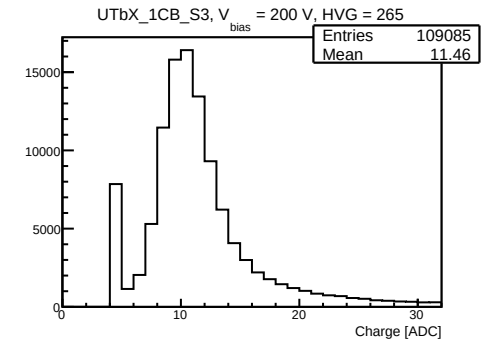

UTbX_7CB_M2, V bias = 250 V, HVG = 264
Entries 4530
Mean 13.88
Charge [ADC]

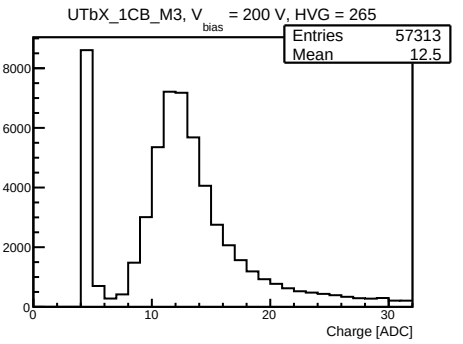

UTbX_8CB_S1, V bias = 250 V, HVG = 264
Entries 2885
Mean 13.25
Charge [ADC]

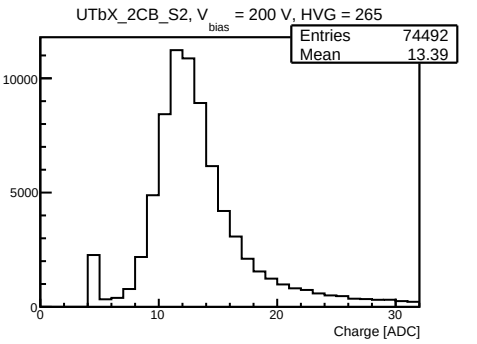

UTbX_8CB_M2, V bias = 250 V, HVG = 264
Entries 2425
Mean 13.71
Charge [ADC]

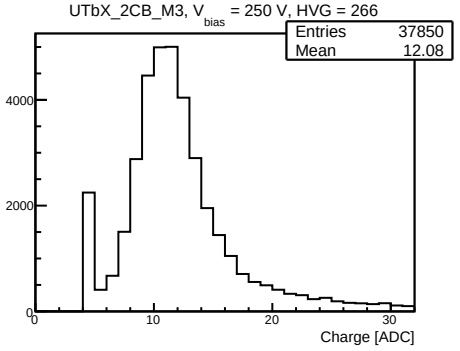

UTbX_9CB_S1, V bias = 250 V, HVG = 264
Entries 1452
Mean 12.42
Charge [ADC]

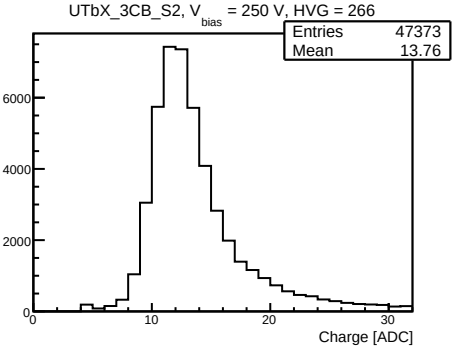

UTbX_9CB_M2, V bias = 250 V, HVG = 264
Entries 1292
Mean 13.78
Charge [ADC]

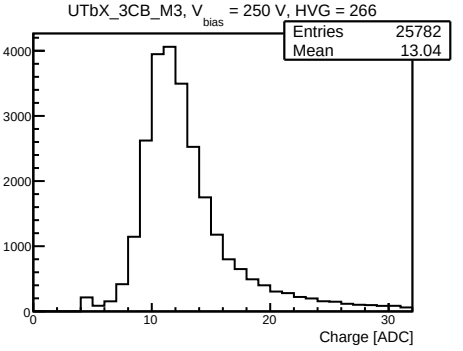

UTbX_1CB_S3, V bias = 200 V, HVG = 265
Entries 109085
Mean 11.46
15000
10000
5000
0
0
10
20
30
Charge [ADC]

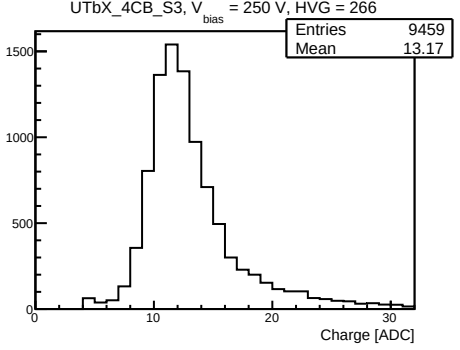

UTbX_1CB_M3, V bias = 200 V, HVG = 265
Entries 57313
Mean 12.5
8000
6000
4000
2000
0
0
10
20
30
Charge [ADC]

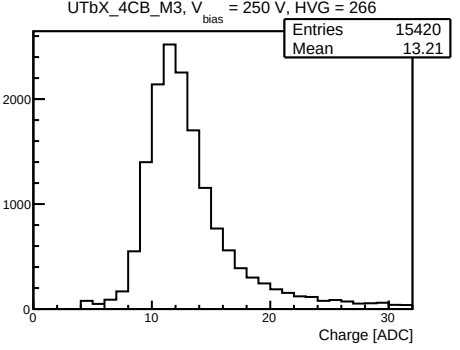

UTbX_2CB_S2, V bias = 200 V, HVG = 265
Entries 74492
Mean 13.39
10000
5000
0
0
10
20
30
Charge [ADC]

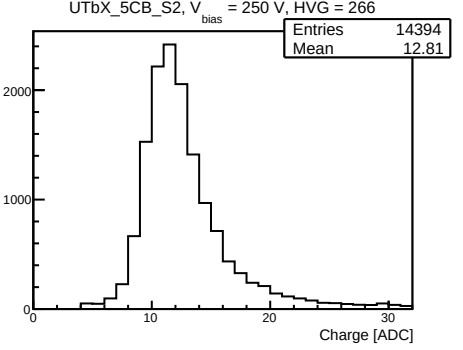

UTbX_2CB_M3, V bias = 250 V, HVG = 266
Entries 37850
Mean 12.08
Charge [ADC]

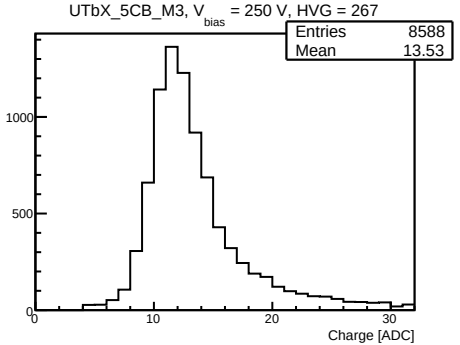

UTbX_3CB_S2, V bias = 250 V, HVG = 266
Entries 47373
Mean 13.76
Charge [ADC]

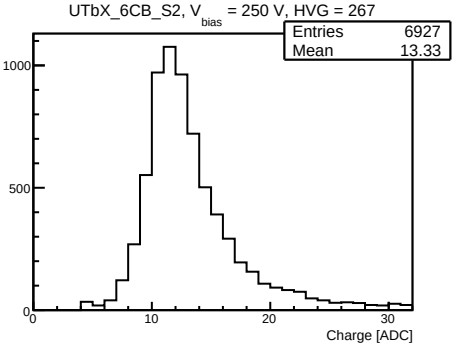

UTbX_3CB_M3, V bias = 250 V, HVG = 266
Entries 25782
Mean 13.04
Charge [ADC]

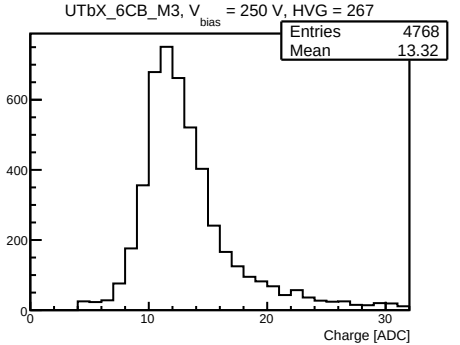

UTbX_4CB_S3, V bias = 250 V, HVG = 266
Entries 9459
Mean 13.17
Charge [ADC]

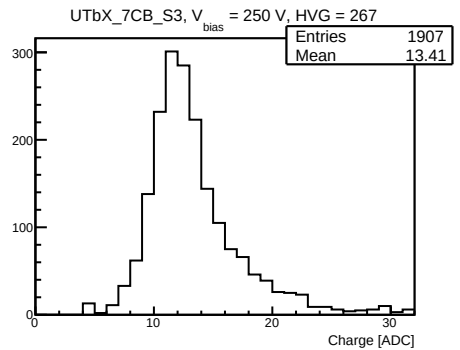

UTbX_4CB_M3, V bias = 250 V, HVG = 266
Entries 15420
Mean 13.21
Charge [ADC]

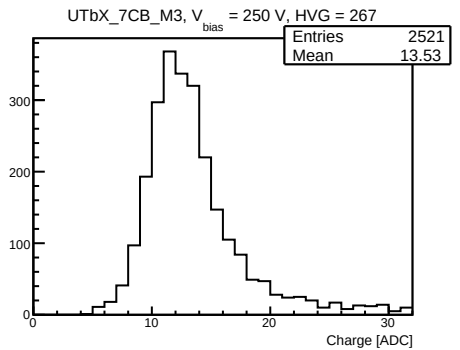

UTbX_5CB_S2, V bias = 250 V, HVG = 266
Entries 14394
Mean 12.81
Charge [ADC]

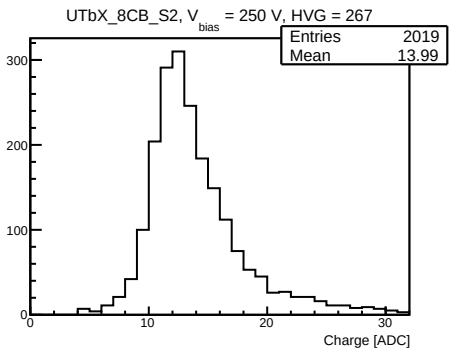

UTbX_5CB_M3, V bias = 250 V, HVG = 267
Entries 8588
Mean 13.53
Charge [ADC]

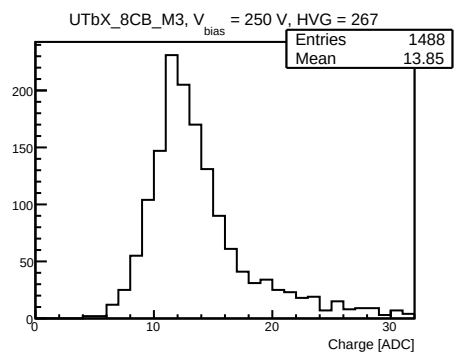

UTbX_6CB_S2, V bias = 250 V, HVG = 267
Entries 6927
Mean 13.33
Charge [ADC]

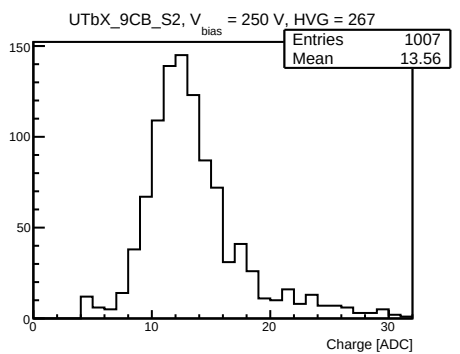

UTbX_6CB_M3, V bias = 250 V, HVG = 267
Entries 4768
Mean 13.32
Charge [ADC]

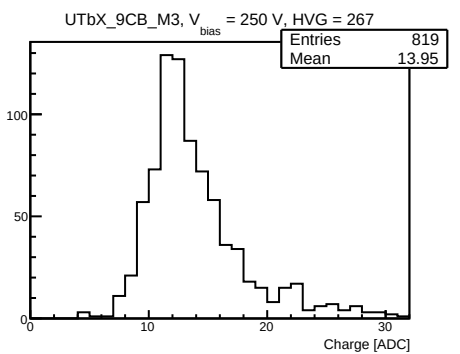

UTbX_7CB_S3, V bias = 250 V, HVG = 267
Entries 1907
Mean 13.41
Charge [ADC]

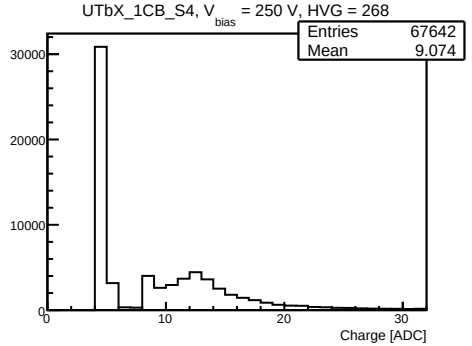

UTbX_7CB_M3, V bias = 250 V, HVG = 267
Entries 2521
Mean 13.53
Charge [ADC]

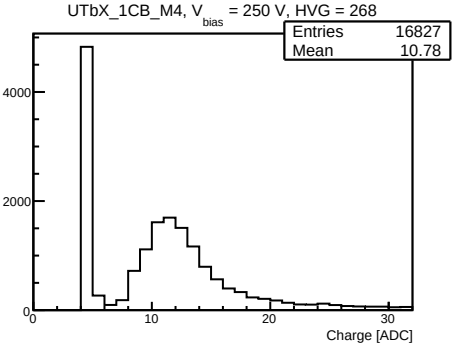

UTbX_8CB_S2, V bias = 250 V, HVG = 267
Entries 2019
Mean 13.99
Charge [ADC]

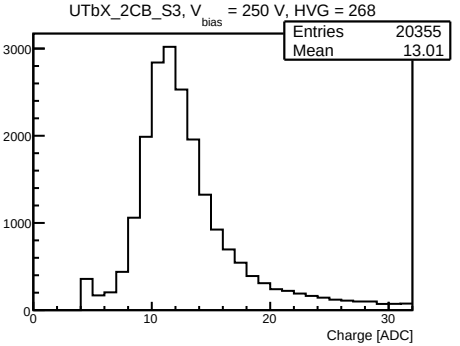

UTbX_8CB_M3, V bias = 250 V, HVG = 267
Entries 1488
Mean 13.85
Charge [ADC]

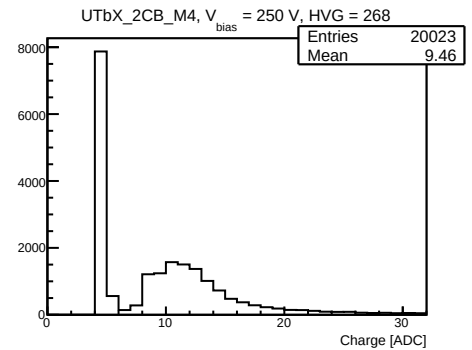

UTbX_9CB_S2, V bias = 250 V, HVG = 267
Entries 1007
Mean 13.56
Charge [ADC]

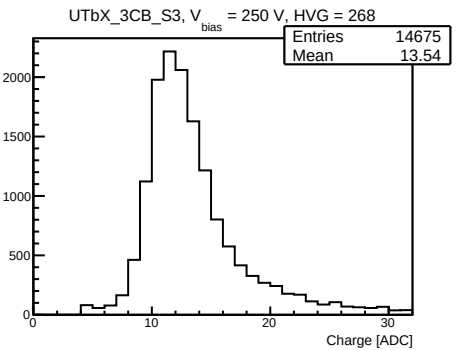

UTbX_9CB_M3, V bias = 250 V, HVG = 267
Entries 819
Mean 13.95
Charge [ADC]

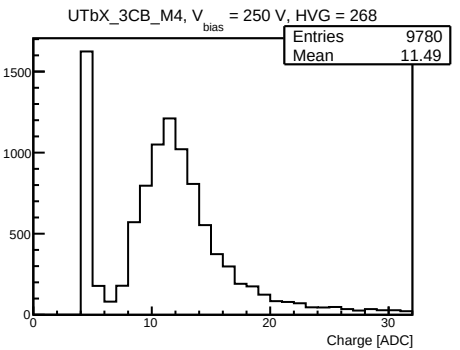

UTbX_1CB_S4, V bias = 250 V, HVG = 268
Entries 67642
Mean 9.074
Charge [ADC]

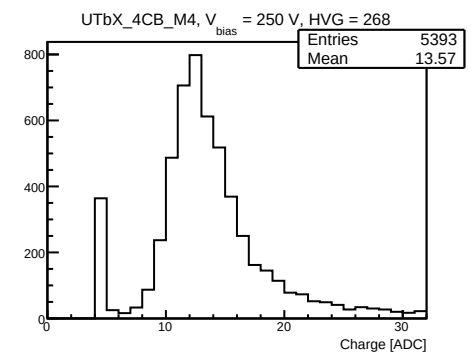

UTbX_1CB_M4, V bias = 250 V, HVG = 268
Entries 16827
Mean 10.78
Charge [ADC]

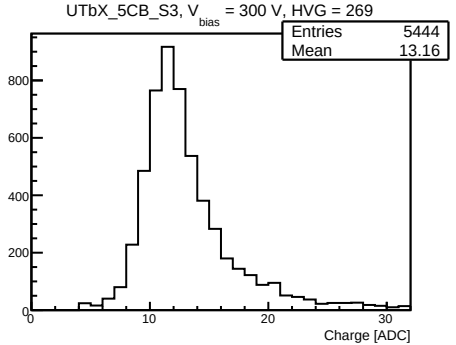

UTbX_2CB_S3, V bias = 250 V, HVG = 268
Entries 20355
Mean 13.01
Charge [ADC]

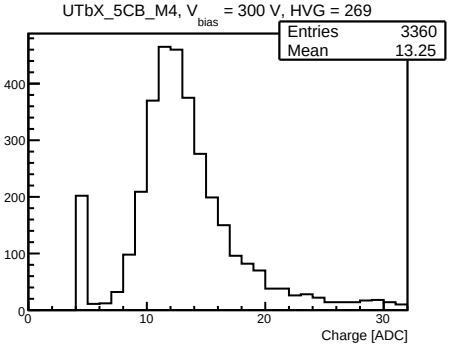

UTbX_2CB_M4, V bias = 250 V, HVG = 268
Entries 20023
Mean 9.46
Charge [ADC]

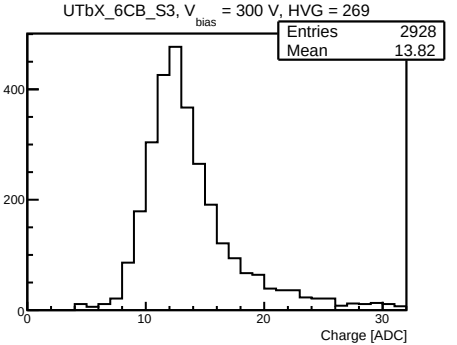

UTbX_3CB_S3, V bias = 250 V, HVG = 268
Entries 14675
Mean 13.54
Charge [ADC]

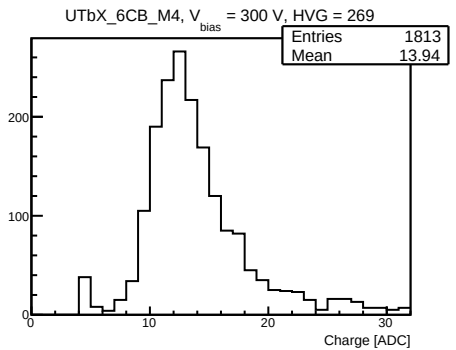

UTbX_3CB_M4, V bias = 250 V, HVG = 268
Entries 9780
Mean 11.49
Charge [ADC]

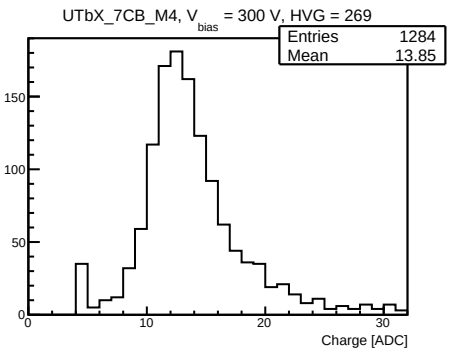

UTbX_4CB_M4, V bias = 250 V, HVG = 268
Entries 5393
Mean 13.57
Charge [ADC]

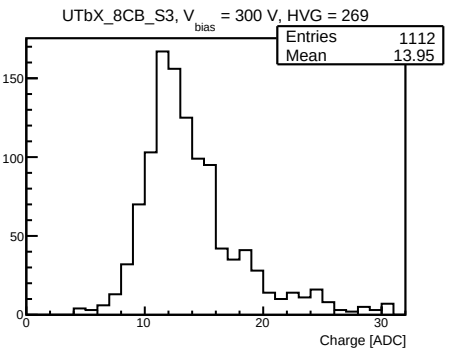

UTbX_5CB_S3, V bias = 300 V, HVG = 269
Entries 5444
Mean 13.16
Charge [ADC]

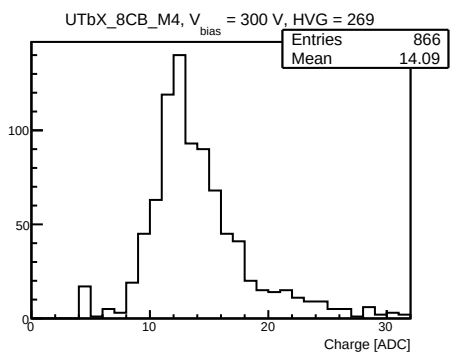

UTbX_5CB_M4, V bias = 300 V, HVG = 269
Entries 3360
Mean 13.25
Charge [ADC]

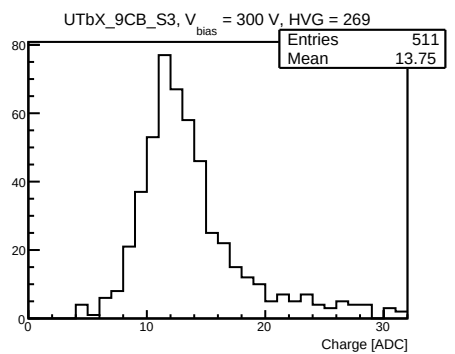

UTbX_6CB_S3, V bias = 300 V, HVG = 269
Entries 2928
Mean 13.82
Charge [ADC]

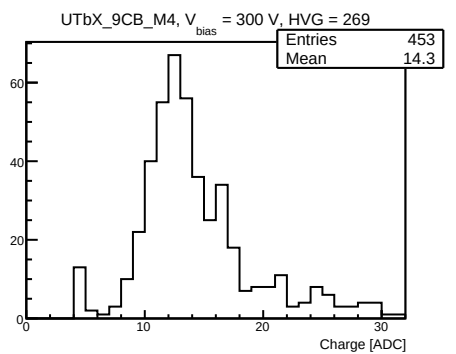

UTbX_6CB_M4, V bias = 300 V, HVG = 269
Entries 1813
Mean 13.94
Charge [ADC]

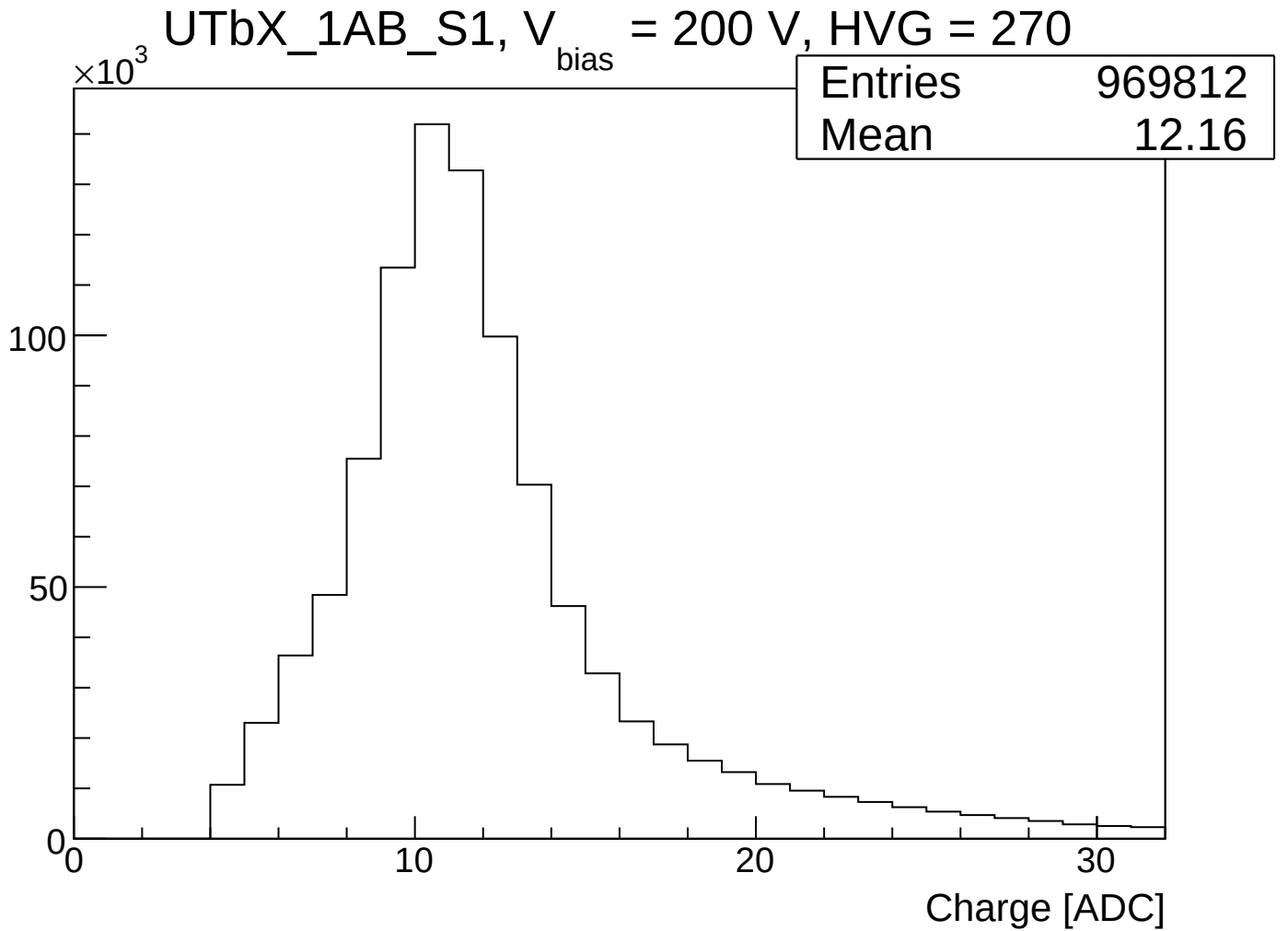

UTbX_7CB_M4, V bias = 300 V, HVG = 269
Entries 1284
Mean 13.85
Charge [ADC]

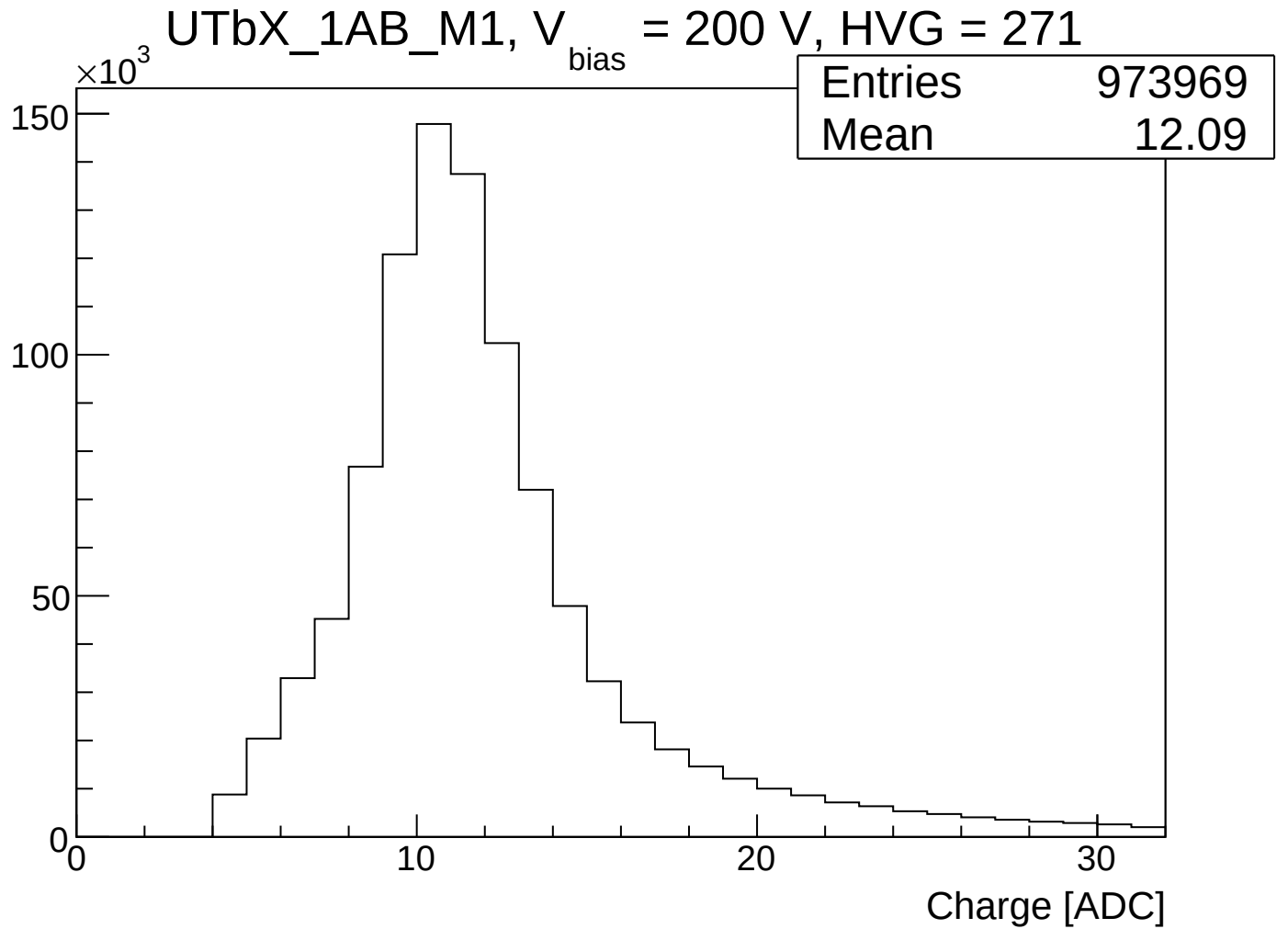

UTbX_8CB_S3, V bias = 300 V, HVG = 269
Entries 1112
Mean 13.95
Charge [ADC]

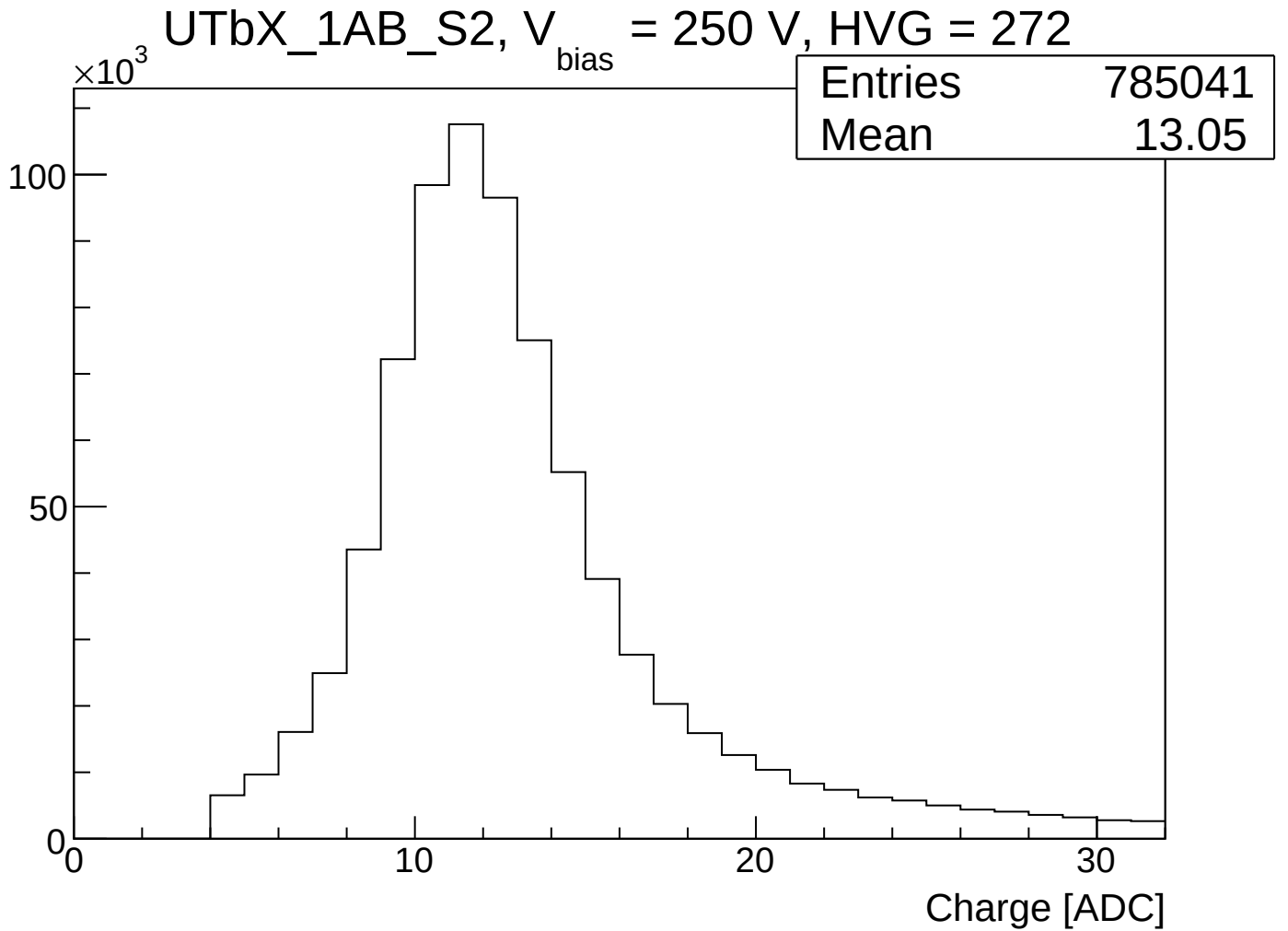

UTbX_8CB_M4, V bias = 300 V, HVG = 269
Entries 866
Mean 14.09
Charge [ADC]

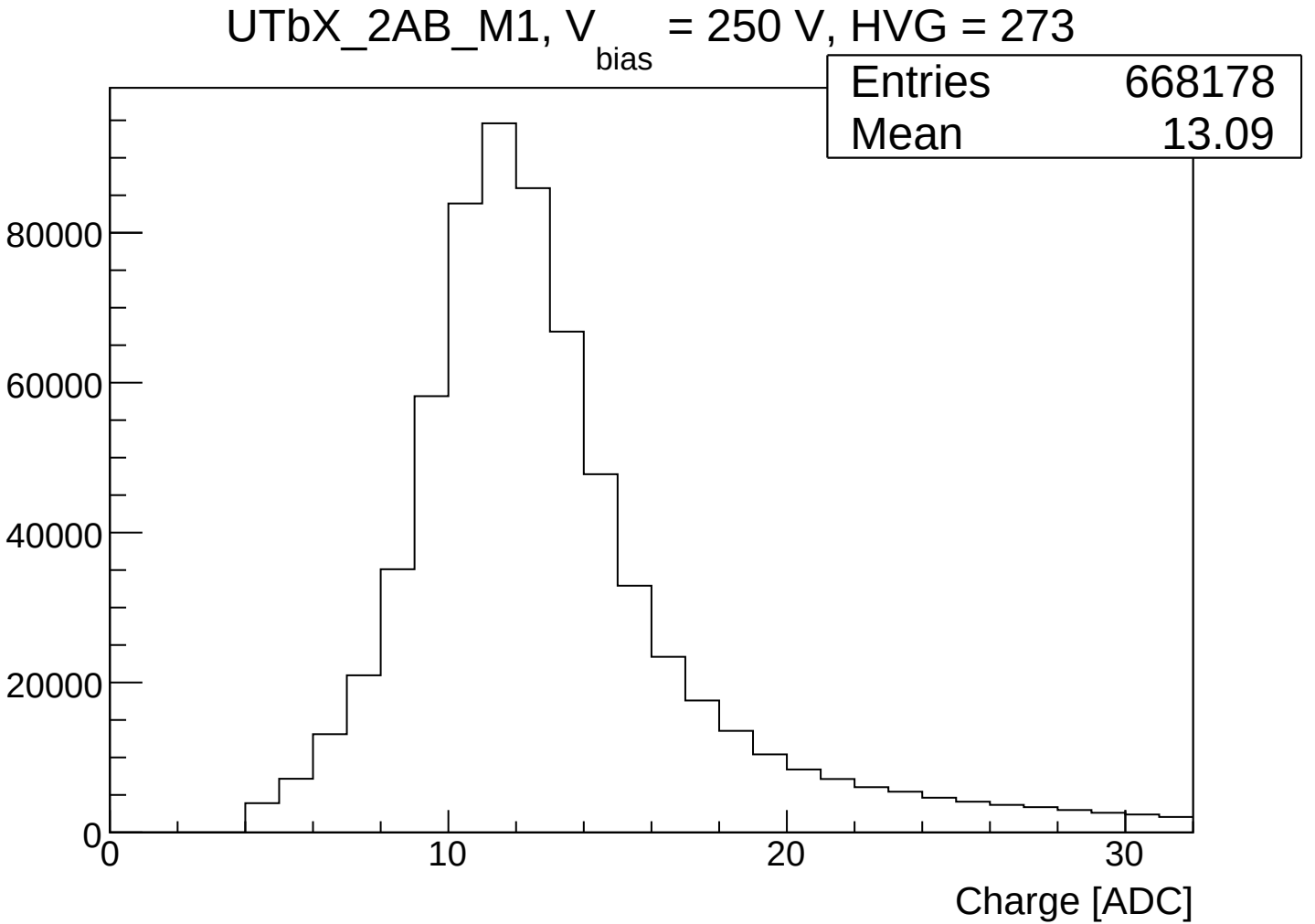

UTbX_9CB_S3, V bias = 300 V, HVG = 269
Entries 511
Mean 13.75
Charge [ADC]

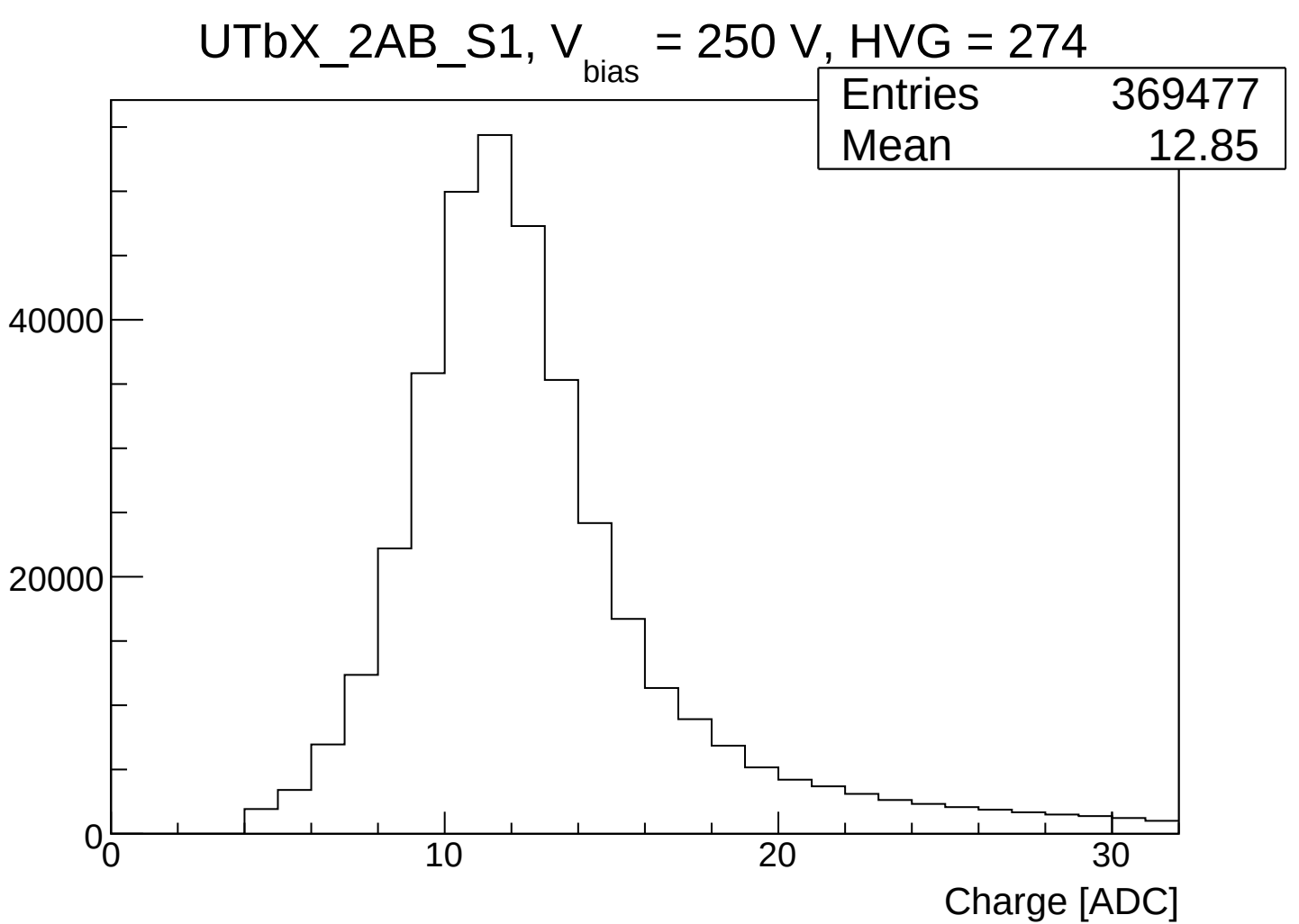

UTbX_9CB_M4, V bias = 300 V, HVG = 269
Entries 453
Mean 14.3
Charge [ADC]

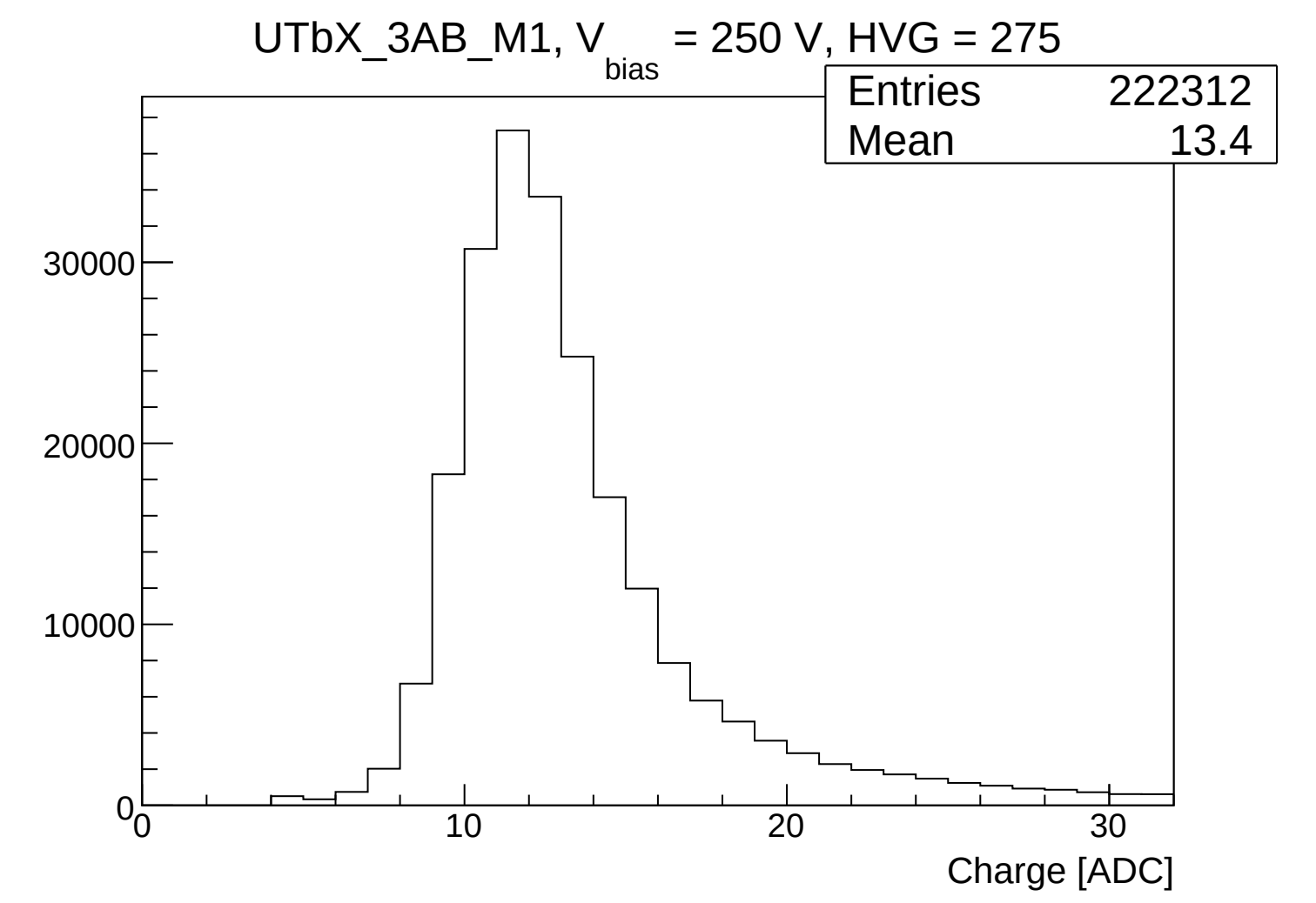

UTbX_1AB_S1, V bias = 200 V, HVG = 270
×10^3
Entries 969812
Mean 12.16
100
50
0
0
10
20
30
Charge [ADC]

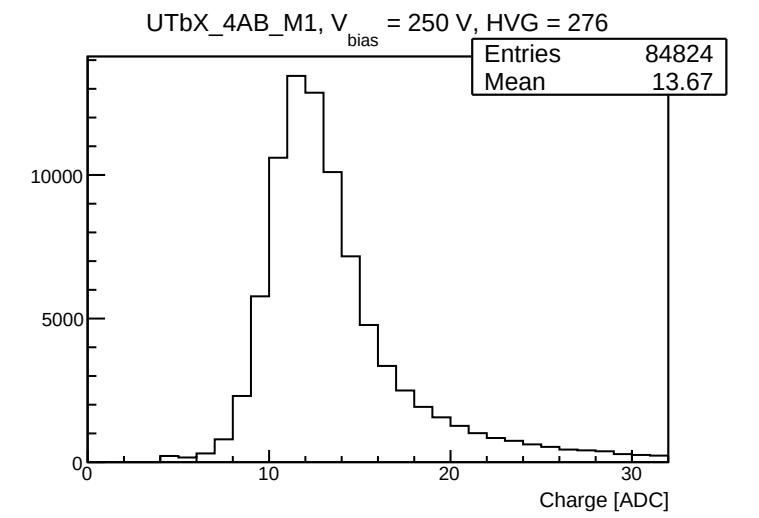

UTbX_1AB_M1, V bias = 200 V, HVG = 271
×10^3
Entries 973969
Mean 12.09
150
100
50
0
0
10
20
30
Charge [ADC]

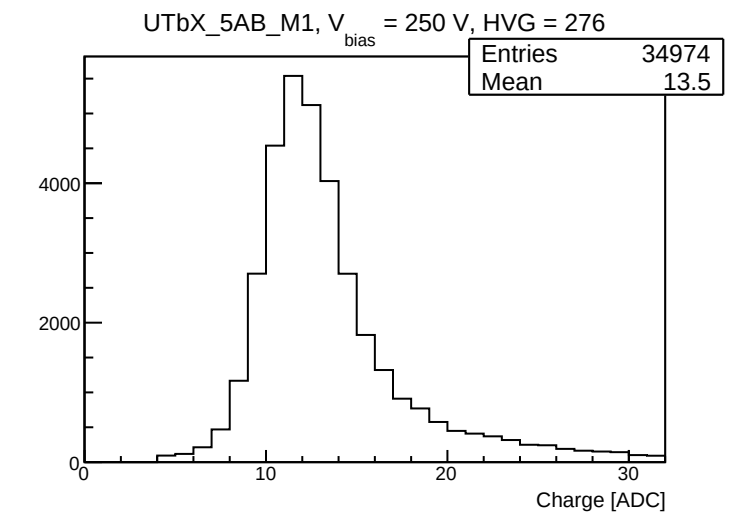

UTbX_1AB_S2, V bias = 250 V, HVG = 272
Entries 785041
Mean 13.05
×10^3
100
50
0
0
10
20
30
Charge [ADC]

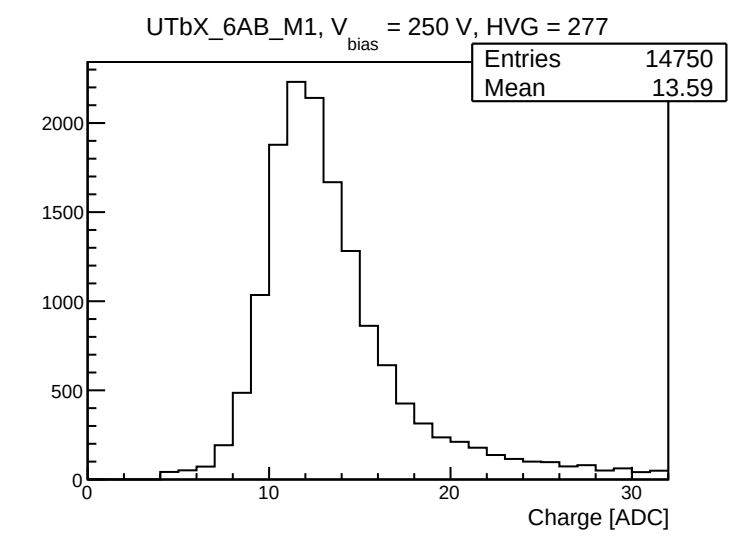

UTbX_2AB_M1, V bias = 250 V, HVG = 273
Entries 668178
Mean 13.09
80000
60000
40000
20000
0
0
10
20
30
Charge [ADC]

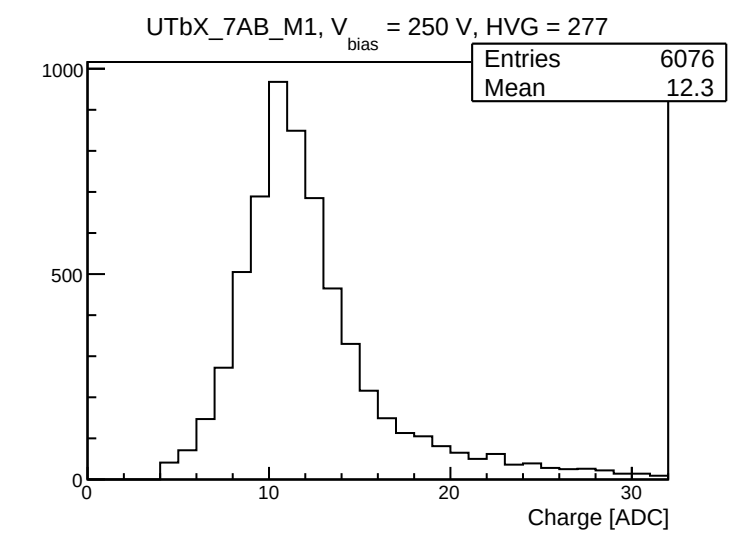

UTbX_2AB_S1, V bias = 250 V, HVG = 274
Entries 369477
Mean 12.85
40000
20000
0
0
10
20
30
Charge [ADC]

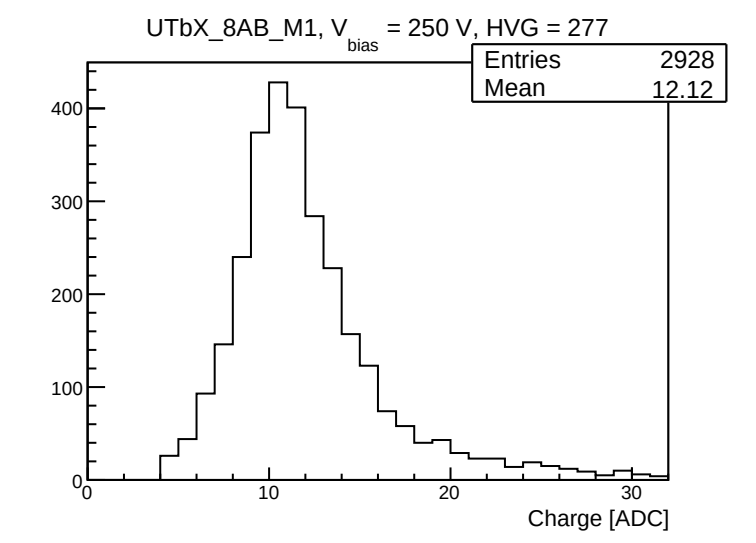

UTbX_3AB_M1, V bias = 250 V, HVG = 275
Entries 222312
Mean 13.4
30000
20000
10000
0
0
10
20
30
Charge [ADC]

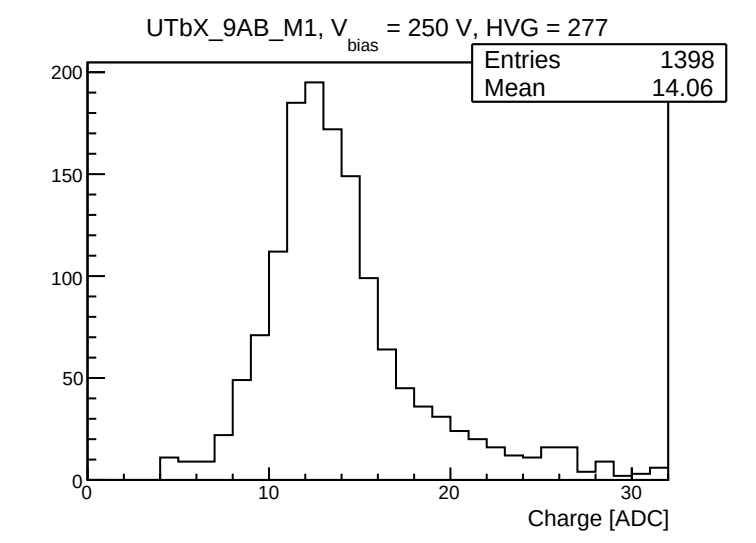

UTbX_4AB_M1, V bias = 250 V, HVG = 276
Entries 84824
Mean 13.67
10000
5000
0
0
10
20
30
Charge [ADC]

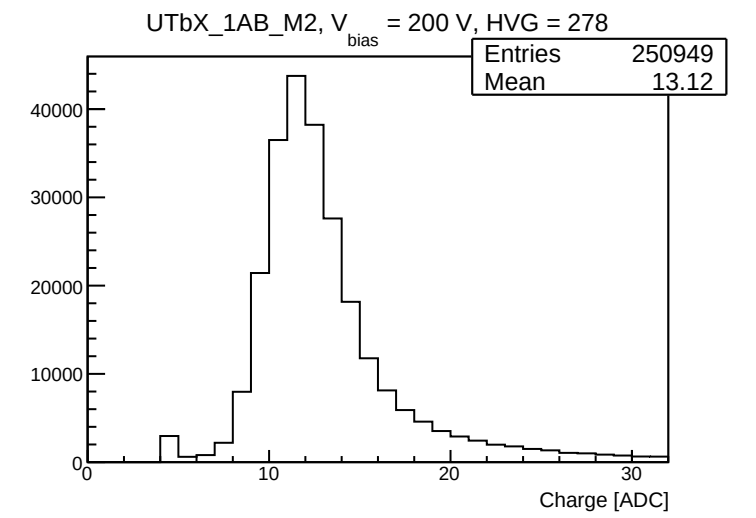

UTbX_5AB_M1, V bias = 250 V, HVG = 276
Entries 34974
Mean 13.5
4000
2000
0
0
10
20
30
Charge [ADC]

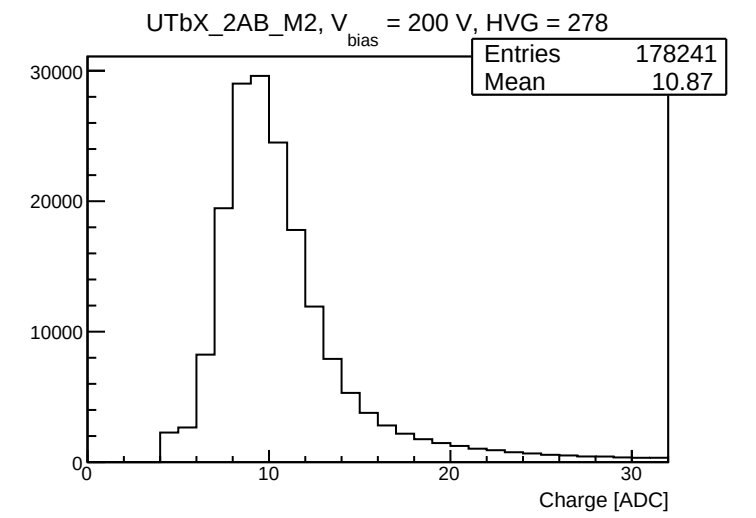

UTbX_6AB_M1, V bias = 250 V, HVG = 277
Entries 14750
Mean 13.59
2000
1500
1000
500
0
0
10
20
30
Charge [ADC]

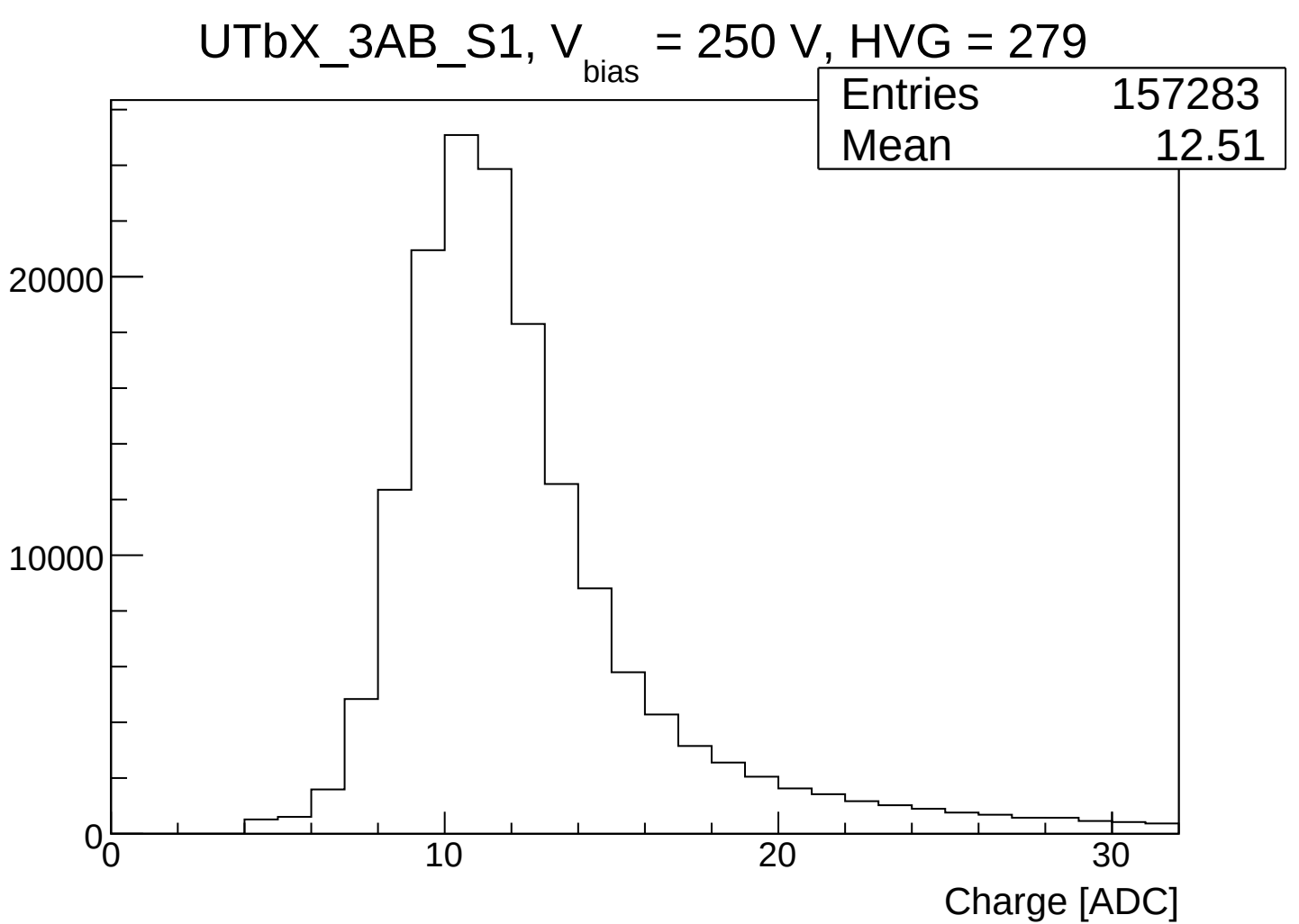

UTbX_7AB_M1, V bias = 250 V, HVG = 277
Entries 6076
Mean 12.3
1000
500
0
0
10
20
30
Charge [ADC]

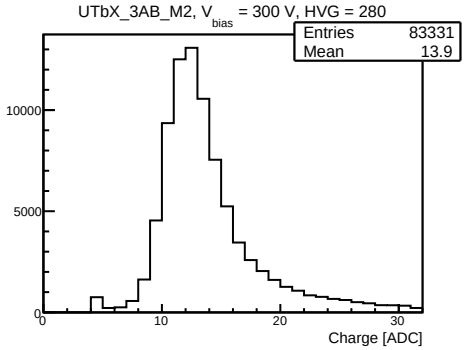

UTbX_8AB_M1, V bias = 250 V, HVG = 277
Entries 2928
Mean 12.12
400
300
200
100
0
0
10
20
30
Charge [ADC]

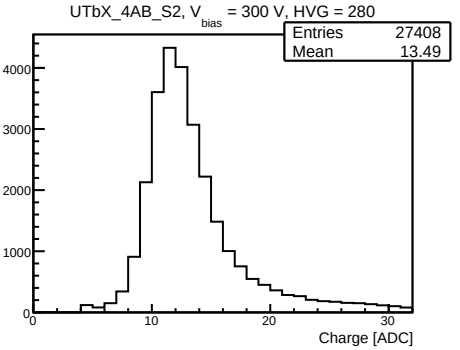

UTbX_9AB_M1, V bias = 250 V, HVG = 277
Entries 1398
Mean 14.06
200
150
100
50
0
0
10
20
30
Charge [ADC]

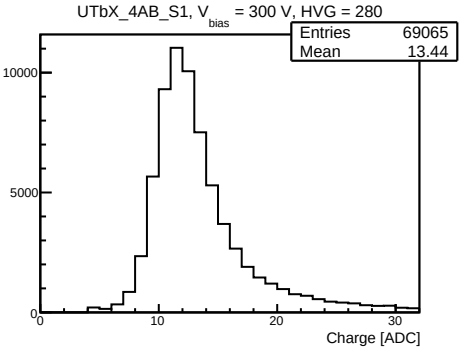

UTbX_1AB_M2, V bias = 200 V, HVG = 278
Entries 250949
Mean 13.12
40000
30000
20000
10000
0
0
10
20
30
Charge [ADC]

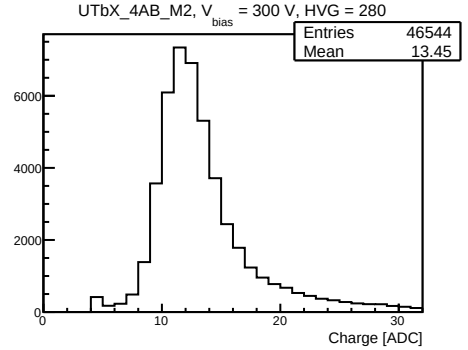

UTbX_2AB_M2, V bias = 200 V, HVG = 278
Entries 178241
Mean 10.87
30000
20000
10000
0
0
10
20
30
Charge [ADC]

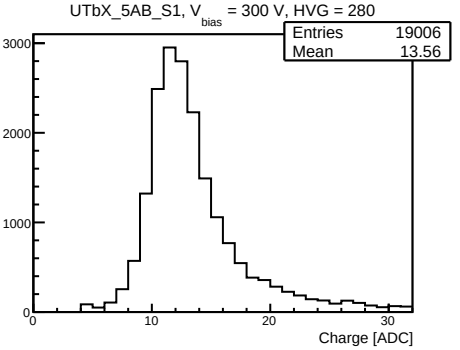

UTbX_3AB_S1, V bias = 250 V, HVG = 279
Entries 157283
Mean 12.51
20000
10000
0
0
10
20
30
Charge [ADC]

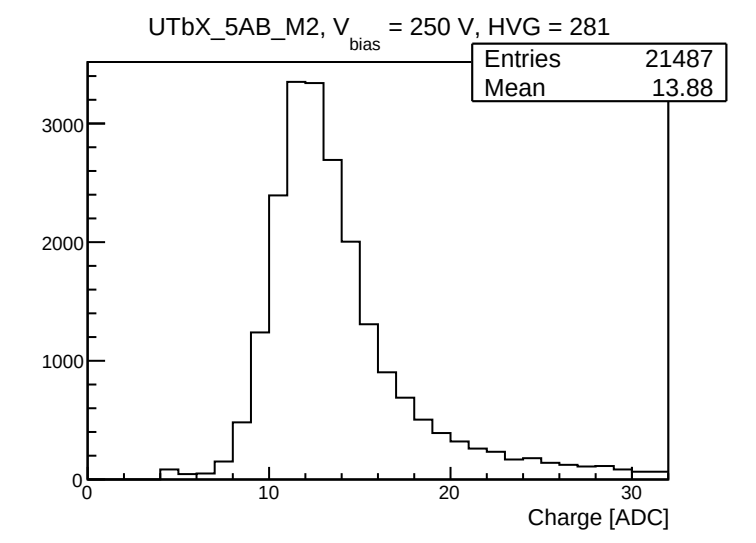

UTbX_3AB_M2, V bias = 300 V, HVG = 280
Entries 83331
Mean 13.9
Charge [ADC]

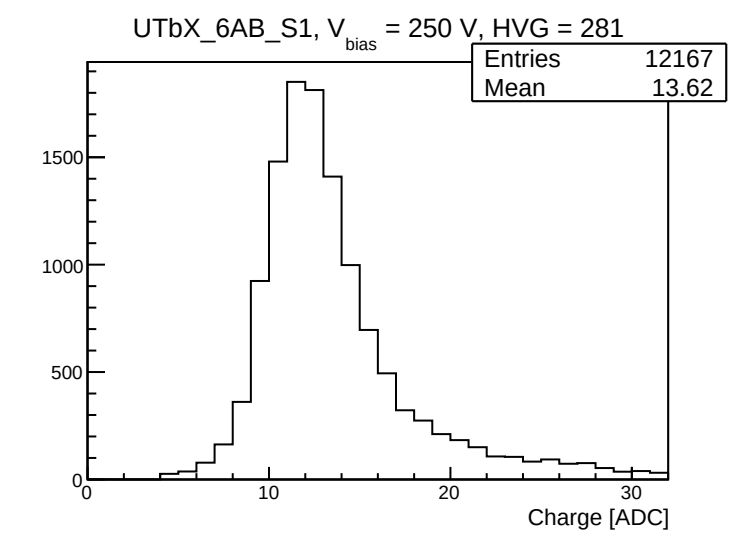

UTbX_4AB_S2, V bias = 300 V, HVG = 280
Entries 27408
Mean 13.49
Charge [ADC]

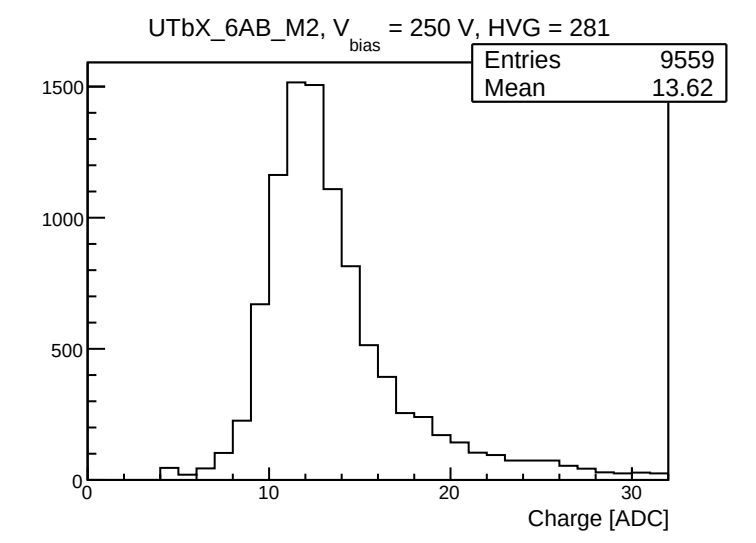

UTbX_4AB_S1, V bias = 300 V, HVG = 280
Entries 69065
Mean 13.44
Charge [ADC]

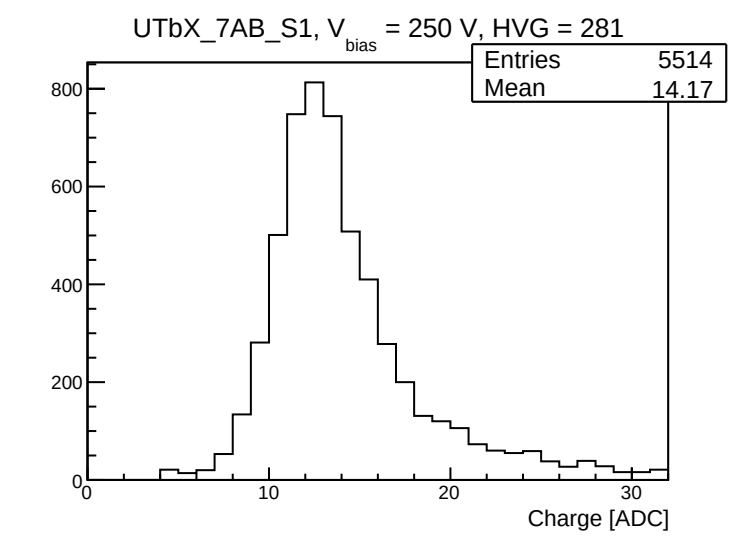

UTbX_4AB_M2, V bias = 300 V, HVG = 280
Entries 46544
Mean 13.45
Charge [ADC]

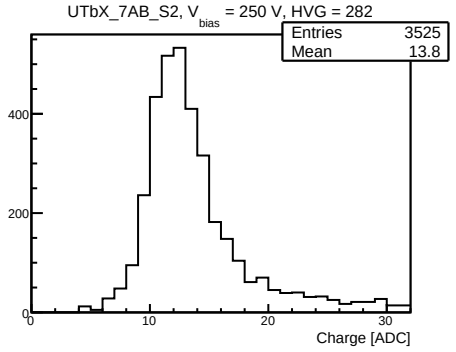

UTbX_5AB_S1, V bias = 300 V, HVG = 280
Entries 19006
Mean 13.56
Charge [ADC]

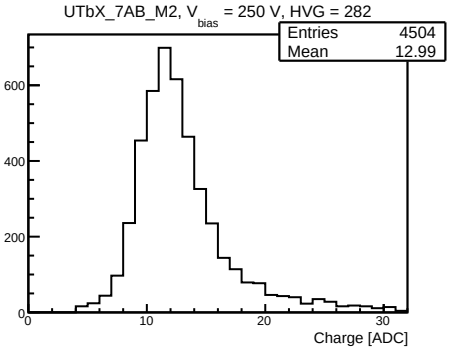

UTbX_5AB_M2, V bias = 250 V, HVG = 281
Entries 21487
Mean 13.88
3000
2000
1000
0
0
10
20
30
Charge [ADC]

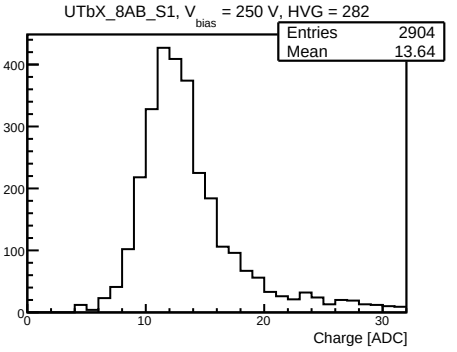

UTbX_6AB_S1, V bias = 250 V, HVG = 281
Entries 12167
Mean 13.62
1500
1000
500
0
0
10
20
30
Charge [ADC]

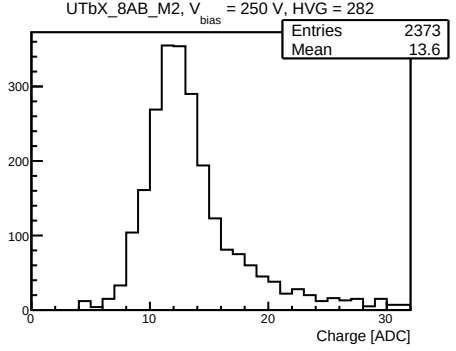

UTbX_6AB_M2, V bias = 250 V, HVG = 281
Entries 9559
Mean 13.62
1500
1000
500
0
0
10
20
30
Charge [ADC]

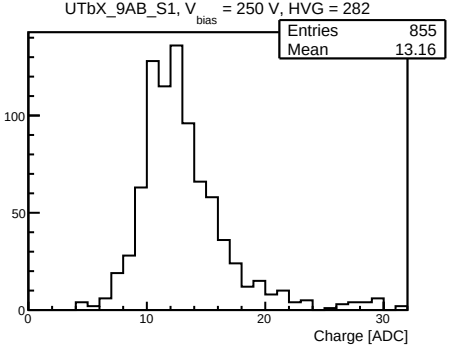

UTbX_7AB_S1, V bias = 250 V, HVG = 281
Entries 5514
Mean 14.17
800
600
400
200
0
0
10
20
30
Charge [ADC]

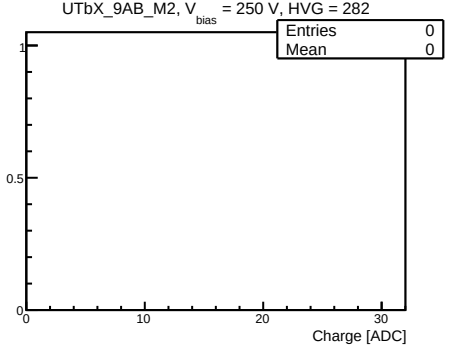

UTbX_7AB_S2, V bias = 250 V, HVG = 282
Entries 3525
Mean 13.8
Charge [ADC]

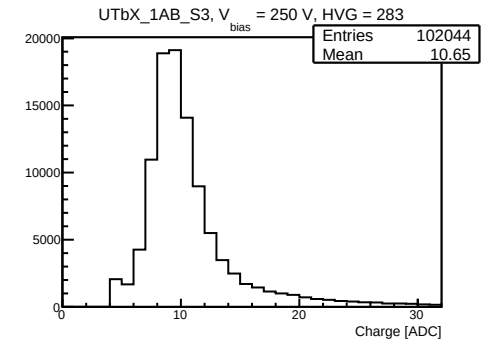

UTbX_7AB_M2, V bias = 250 V, HVG = 282
Entries 4504
Mean 12.99
Charge [ADC]

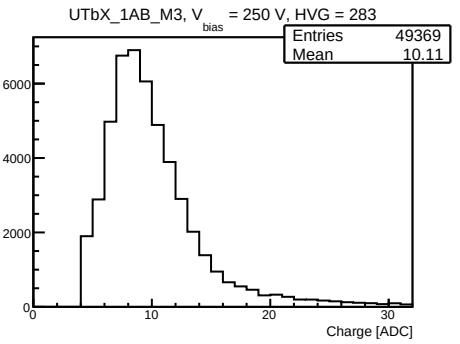

UTbX_8AB_S1, V bias = 250 V, HVG = 282
Entries 2904
Mean 13.64
Charge [ADC]

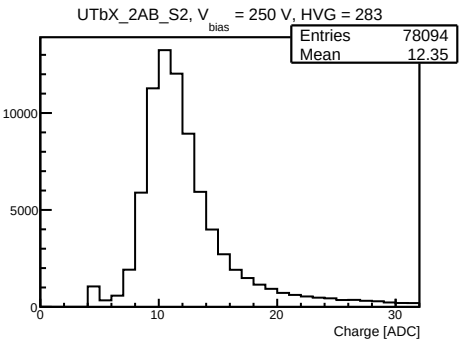

UTbX_8AB_M2, V bias = 250 V, HVG = 282
Entries 2373
Mean 13.6
Charge [ADC]

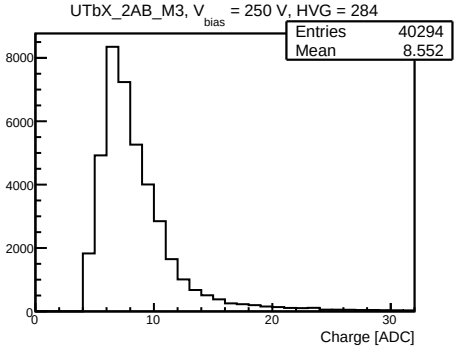

UTbX_9AB_S1, V bias = 250 V, HVG = 282
Entries 855
Mean 13.16
Charge [ADC]

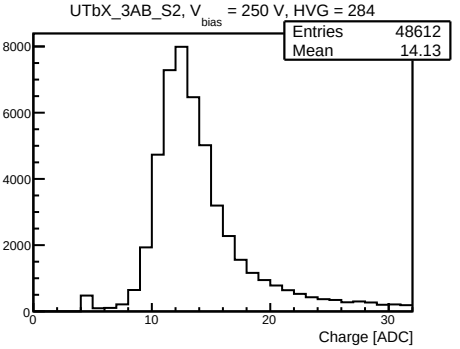

UTbX_9AB_M2, V bias = 250 V, HVG = 282
Entries 0
Mean 0
Charge [ADC]

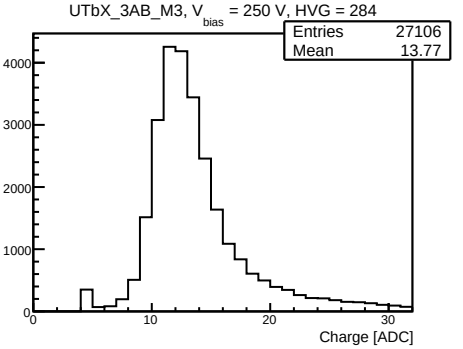

UTbX_1AB_S3, V bias = 250 V, HVG = 283
Entries 102044
Mean 10.65
Charge [ADC]

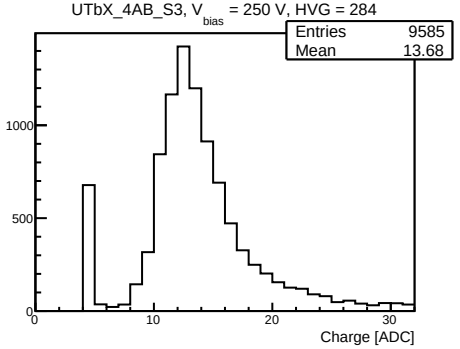

UTbX_1AB_M3, V bias = 250 V, HVG = 283
Entries 49369
Mean 10.11
Charge [ADC]

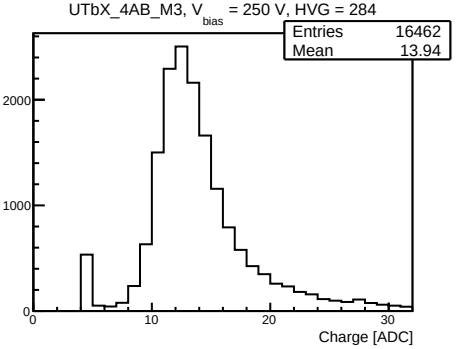

UTbX_2AB_S2, V bias = 250 V, HVG = 283
Entries 78094
Mean 12.35
Charge [ADC]

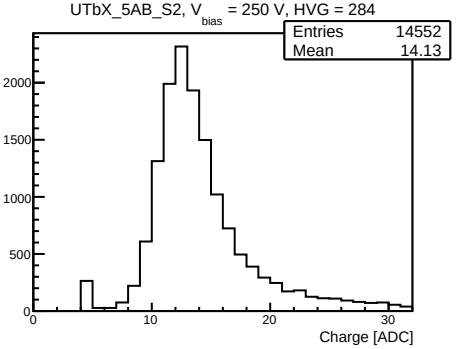

UTbX_2AB_M3, V bias = 250 V, HVG = 284
Entries 40294
Mean 8.552
Charge [ADC]

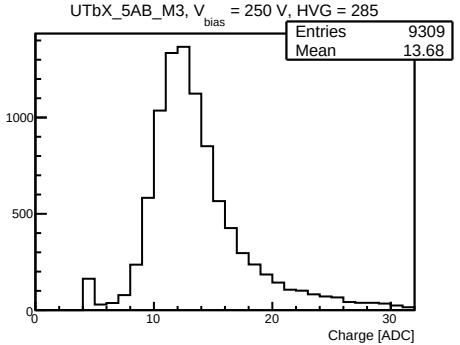

UTbX_3AB_S2, V bias = 250 V, HVG = 284
Entries 48612
Mean 14.13
Charge [ADC]

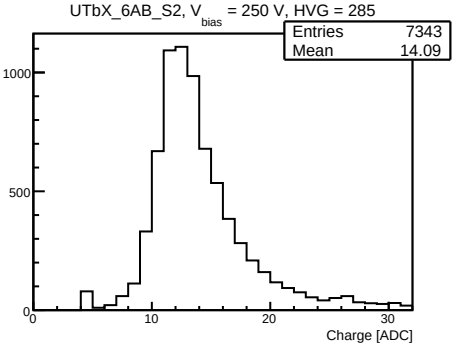

UTbX_3AB_M3, V bias = 250 V, HVG = 284
Entries 27106
Mean 13.77
Charge [ADC]

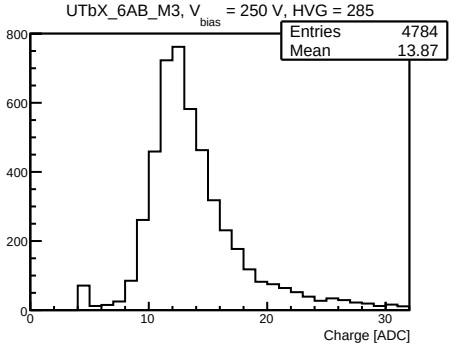

UTbX_4AB_S3, V bias = 250 V, HVG = 284
Entries 9585
Mean 13.68
Charge [ADC]

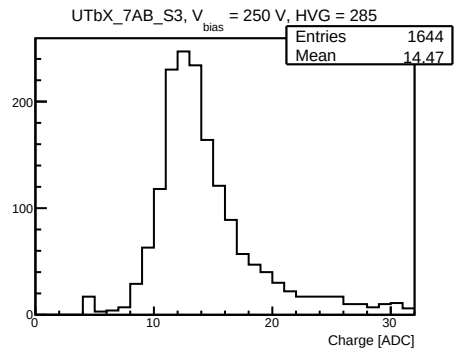

UTbX_4AB_M3, V bias = 250 V, HVG = 284
Entries 16462
Mean 13.94
Charge [ADC]

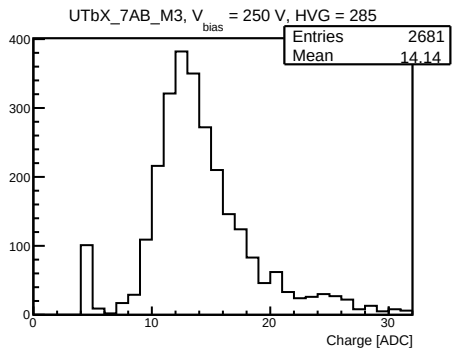

UTbX_5AB_S2, V bias = 250 V, HVG = 284
Entries 14552
Mean 14.13
Charge [ADC]

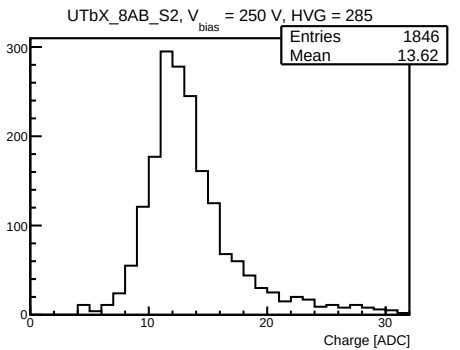

UTbX_5AB_M3, V bias = 250 V, HVG = 285
Entries 9309
Mean 13.68
Charge [ADC]

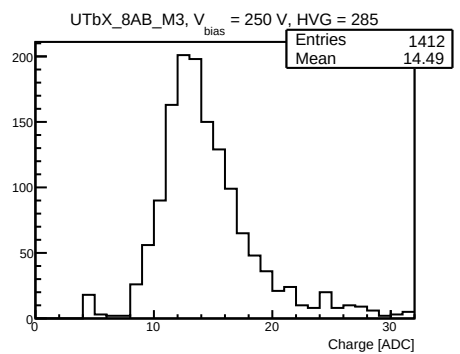

UTbX_6AB_S2, V bias = 250 V, HVG = 285
Entries 7343
Mean 14.09
Charge [ADC]

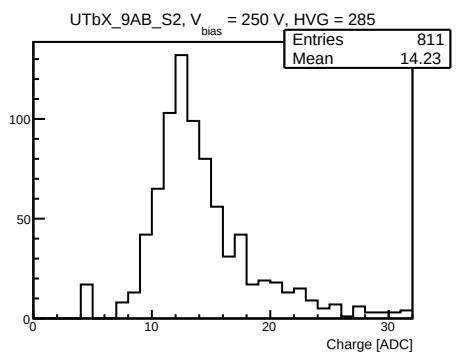

UTbX_6AB_M3, V bias = 250 V, HVG = 285
Entries 4784
Mean 13.87
Charge [ADC]

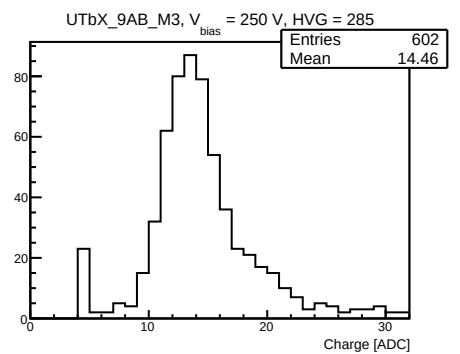

UTbX_7AB_S3, V bias = 250 V, HVG = 285
Entries 1644
Mean 14.47
Charge [ADC]

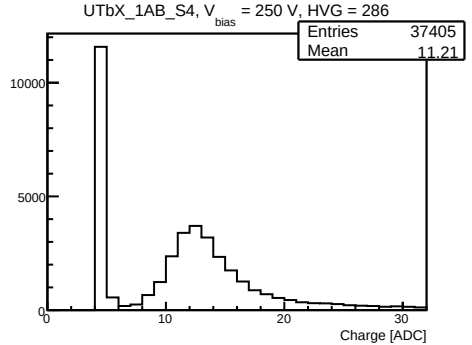

UTbX_7AB_M3, V bias = 250 V, HVG = 285
Entries 2681
Mean 14.14
Charge [ADC]

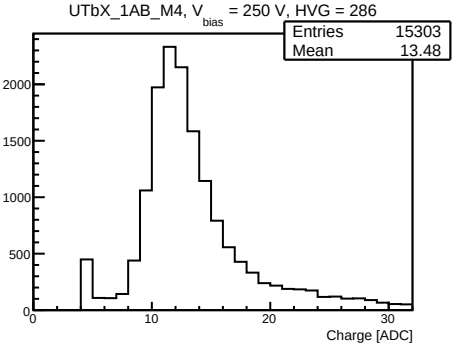

UTbX_8AB_S2, V bias = 250 V, HVG = 285
Entries 1846
Mean 13.62
Charge [ADC]

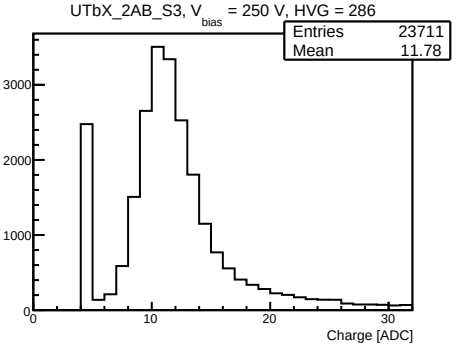

UTbX_8AB_M3, V bias = 250 V, HVG = 285
Entries 1412
Mean 14.49
Charge [ADC]

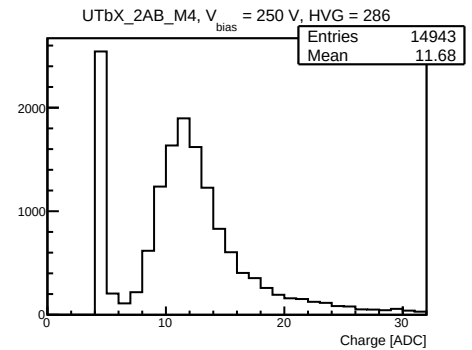

UTbX_9AB_S2, V bias = 250 V, HVG = 285
Entries 811
Mean 14.23
Charge [ADC]

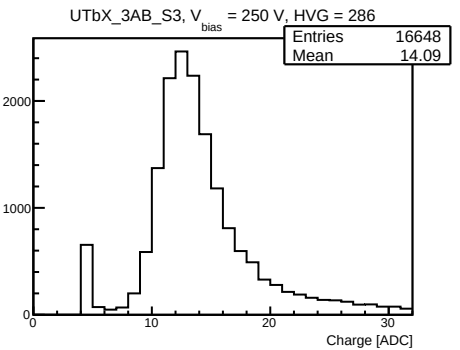

UTbX_9AB_M3, V bias = 250 V, HVG = 285
Entries 602
Mean 14.46
Charge [ADC]

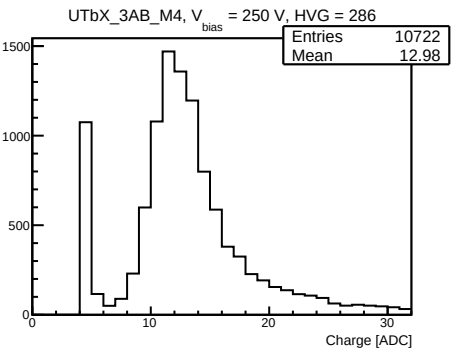

UTbX_1AB_S4, V bias = 250 V, HVG = 286
Entries 37405
Mean 11.21
Charge [ADC]

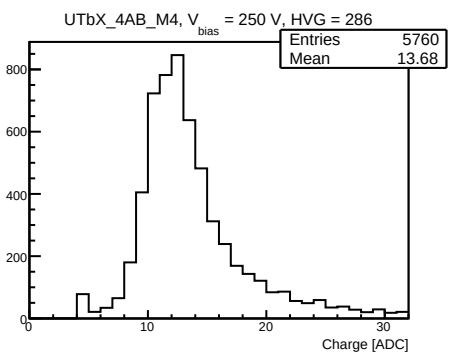

UTbX_1AB_M4, V bias = 250 V, HVG = 286
Entries 15303
Mean 13.48
Charge [ADC]

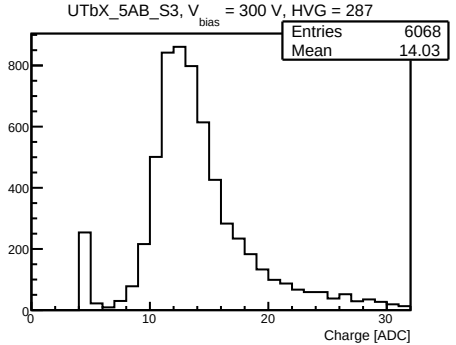

UTbX_2AB_S3, V bias = 250 V, HVG = 286
Entries 23711
Mean 11.78
Charge [ADC]

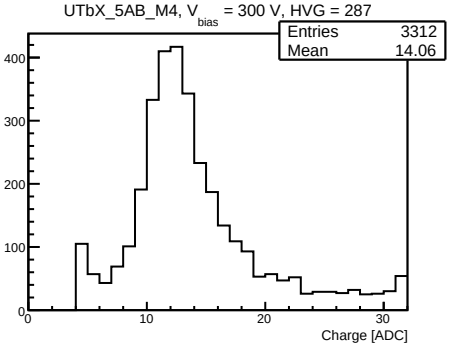

UTbX_2AB_M4, V bias = 250 V, HVG = 286
Entries 14943
Mean 11.68
Charge [ADC]

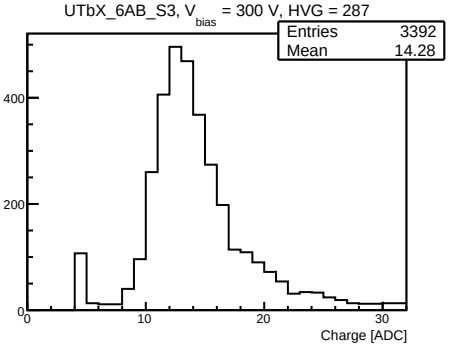

UTbX_3AB_S3, V bias = 250 V, HVG = 286
Entries 16648
Mean 14.09
Charge [ADC]

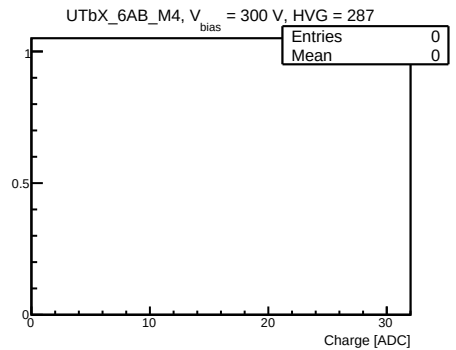

UTbX_3AB_M4, V bias = 250 V, HVG = 286
Entries 10722
Mean 12.98
Charge [ADC]

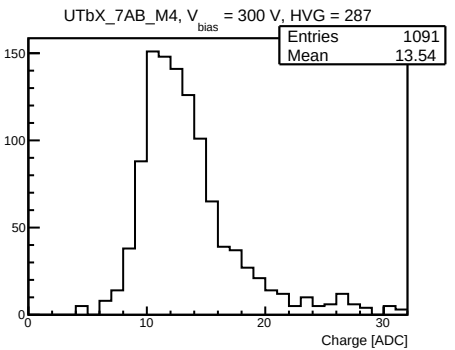

UTbX_4AB_M4, V bias = 250 V, HVG = 286
Entries 5760
Mean 13.68
Charge [ADC]

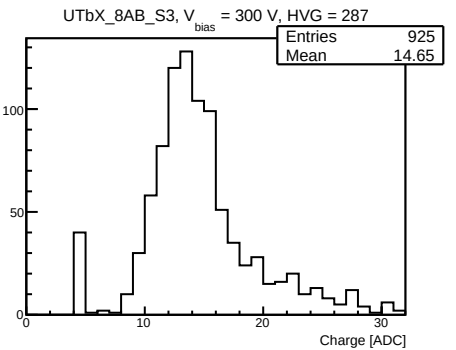

UTbX_5AB_S3, V bias = 300 V, HVG = 287
Entries 6068
Mean 14.03
Charge [ADC]

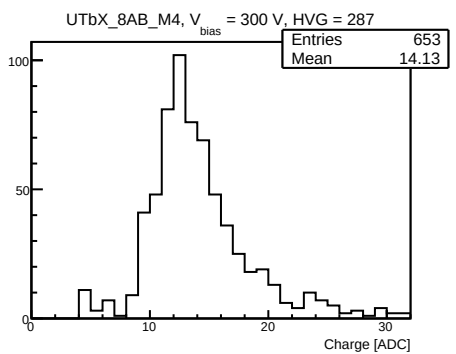

UTbX_5AB_M4, V bias = 300 V, HVG = 287
Entries 3312
Mean 14.06
Charge [ADC]

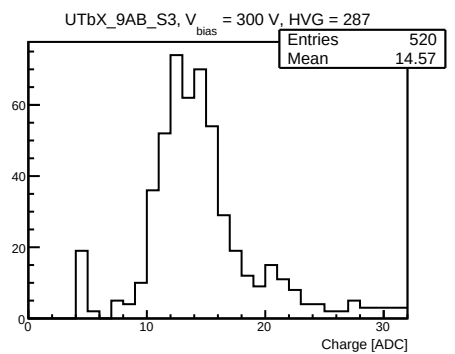

UTbX_6AB_S3, V bias = 300 V, HVG = 287
Entries 3392
Mean 14.28
Charge [ADC]

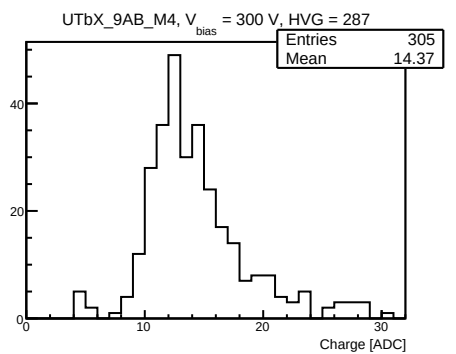

UTbX_6AB_M4, V bias = 300 V, HVG = 287
Entries 0
Mean 0
Charge [ADC]


UTbX_7AB_M4, V bias = 300 V, HVG = 287
Entries 1091
Mean 13.54
Charge [ADC]


UTbX_8AB_S3, V bias = 300 V, HVG = 287
Entries 925
Mean 14.65
Charge [ADC]


UTbX_8AB_M4, V bias = 300 V, HVG = 287
Entries 653
Mean 14.13
Charge [ADC]


UTbX_9AB_S3, V bias = 300 V, HVG = 287
Entries 520
Mean 14.57
Charge [ADC]


UTbX_9AB_M4, V bias = 300 V, HVG = 287
Entries 305
Mean 14.37
Charge [ADC]