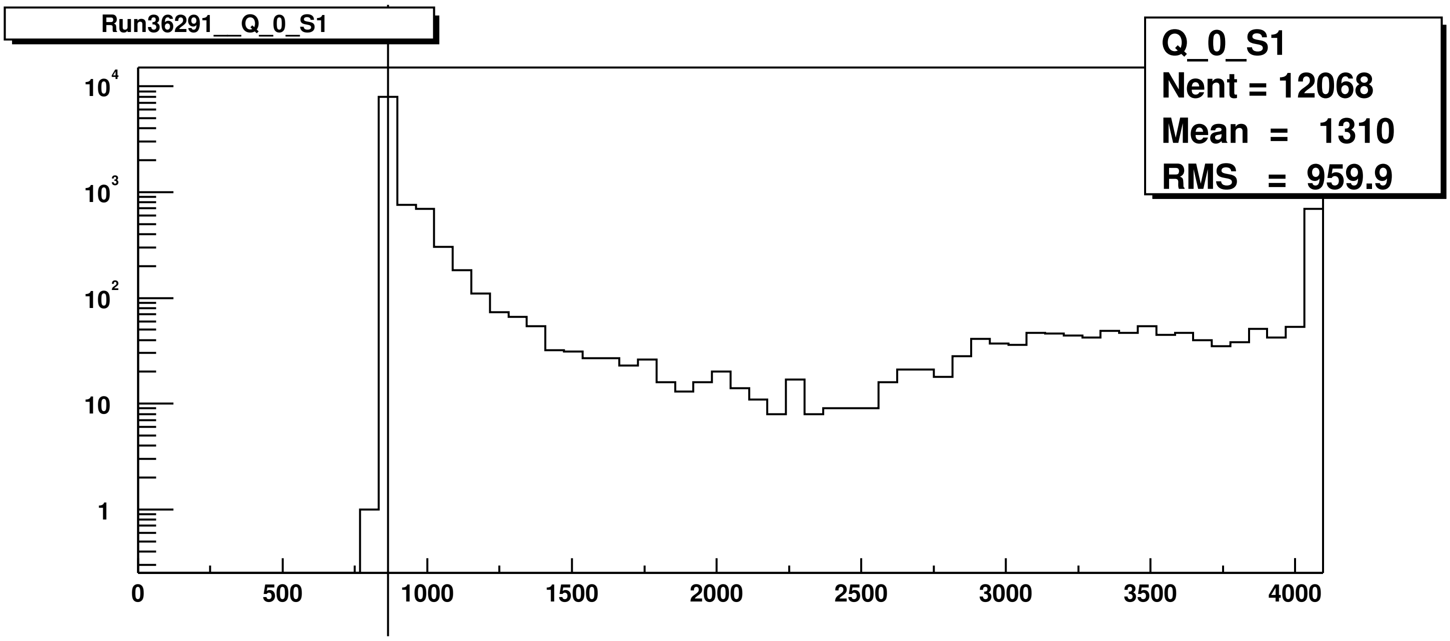
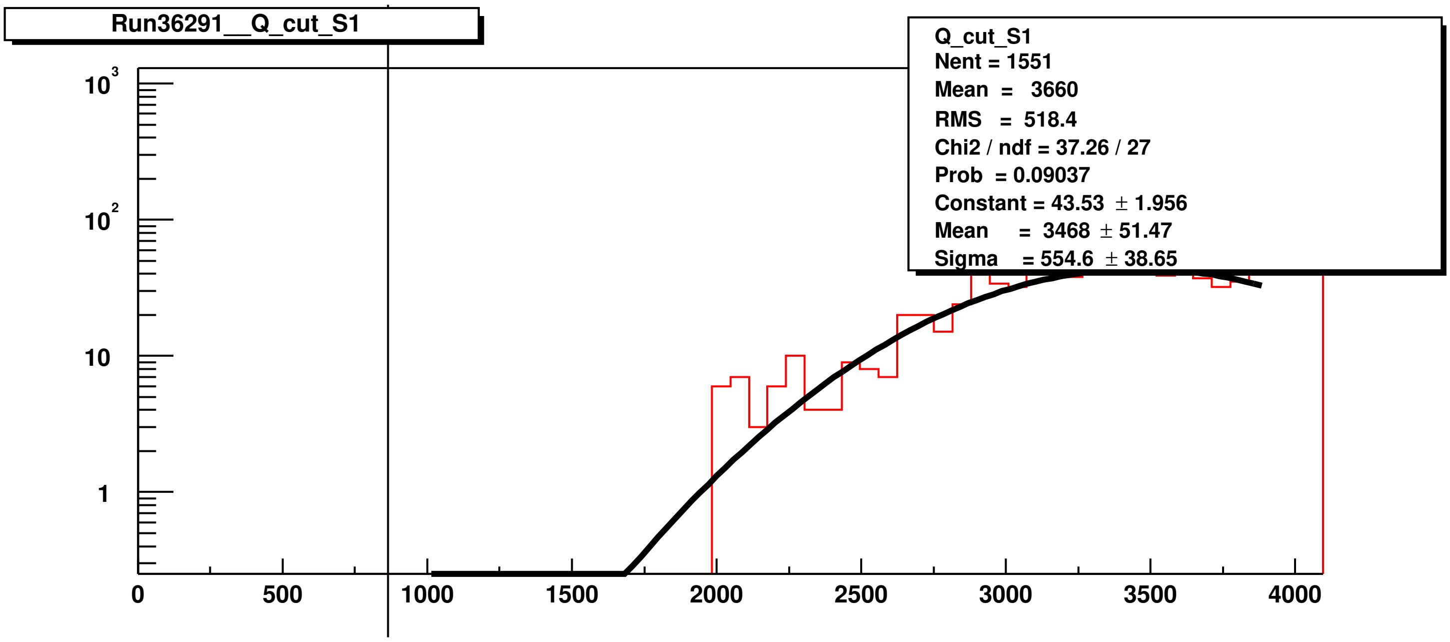
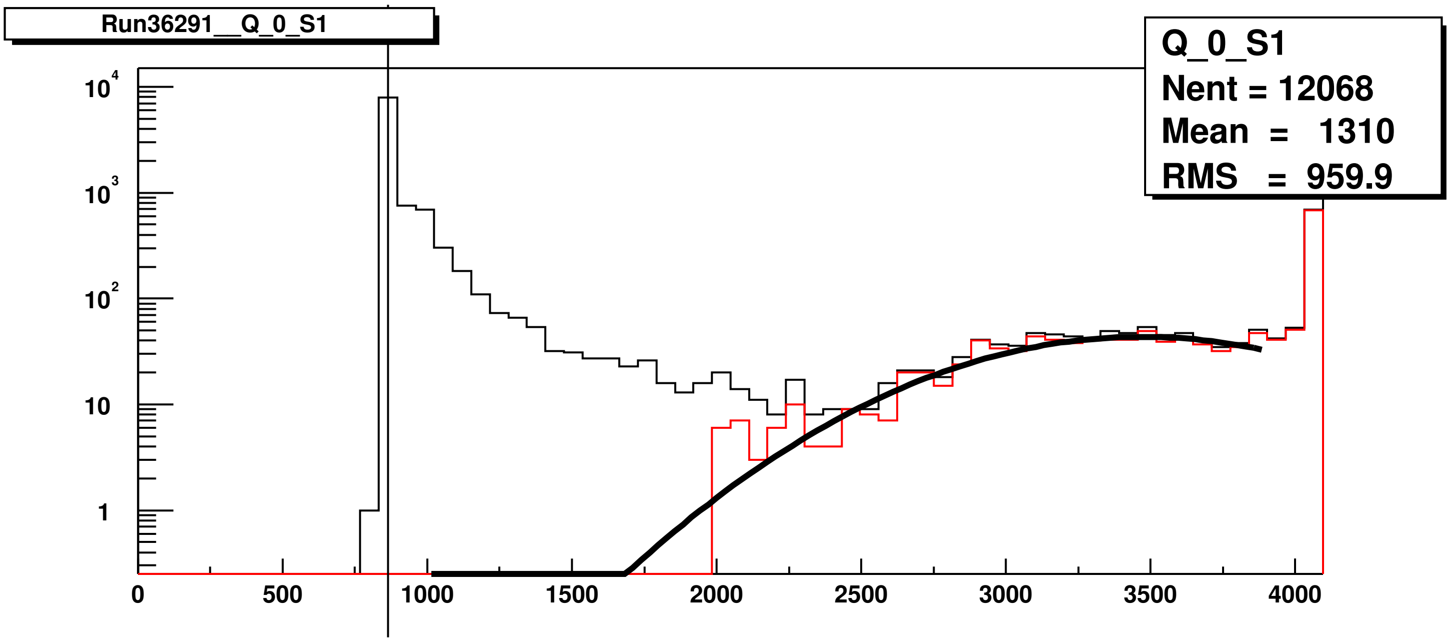
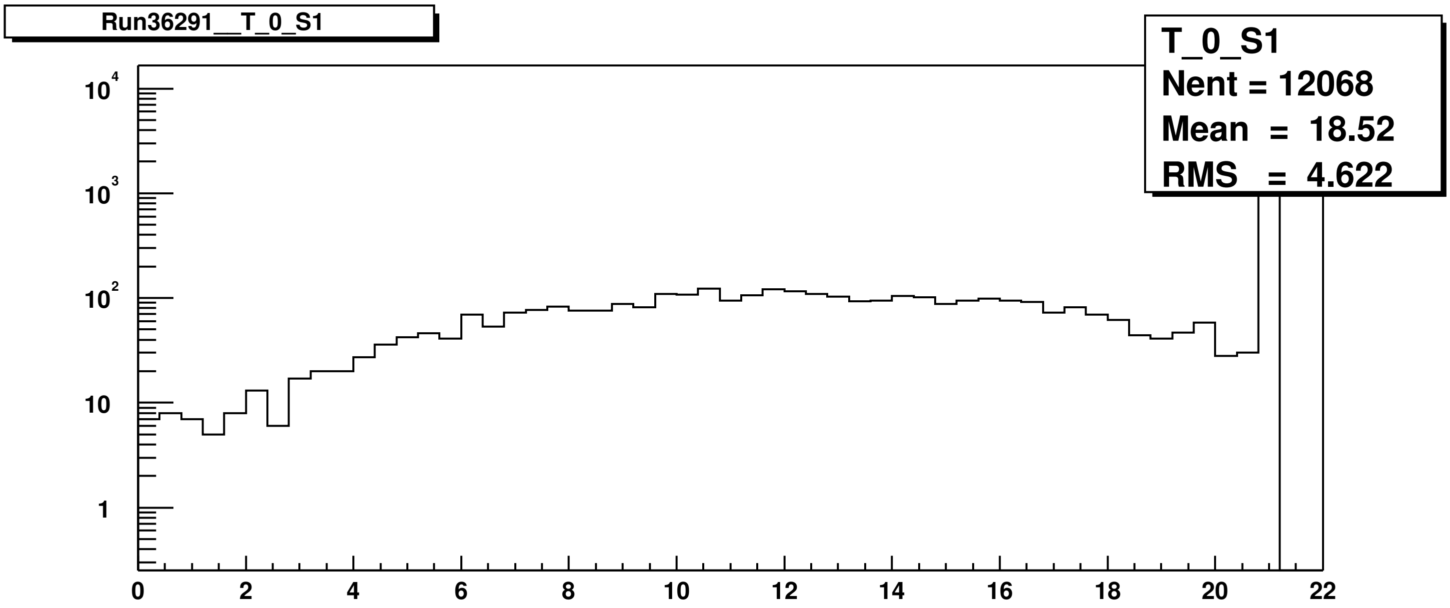
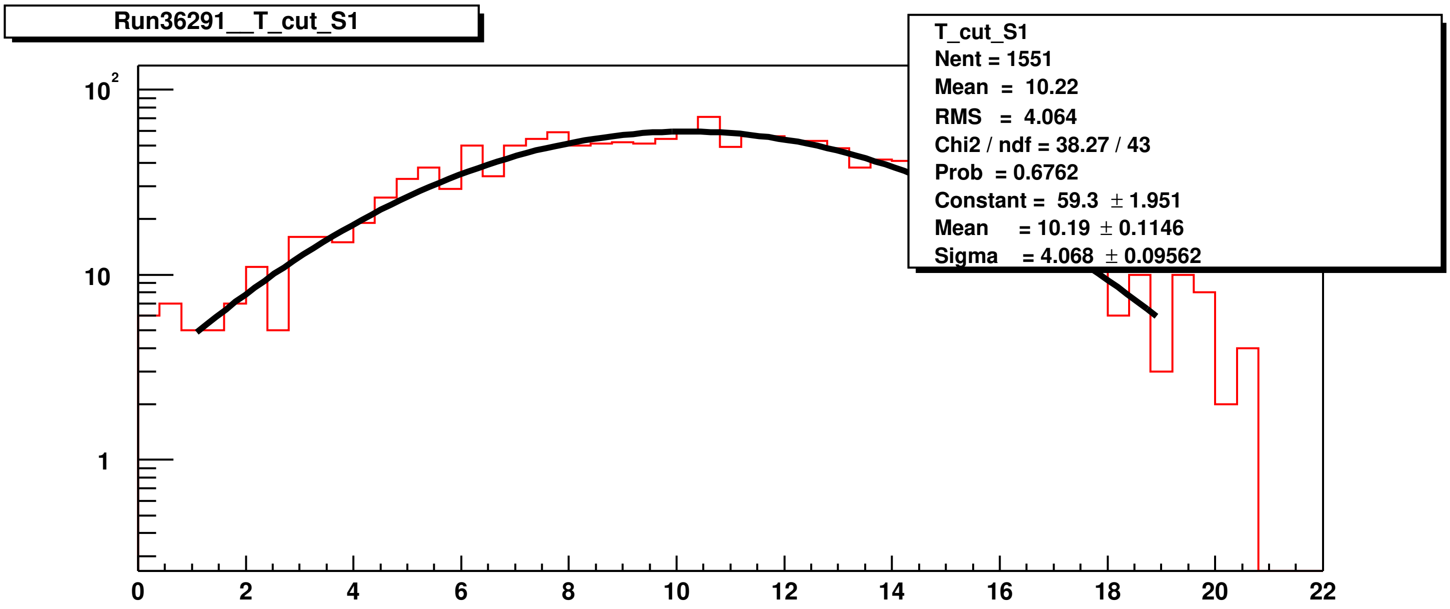
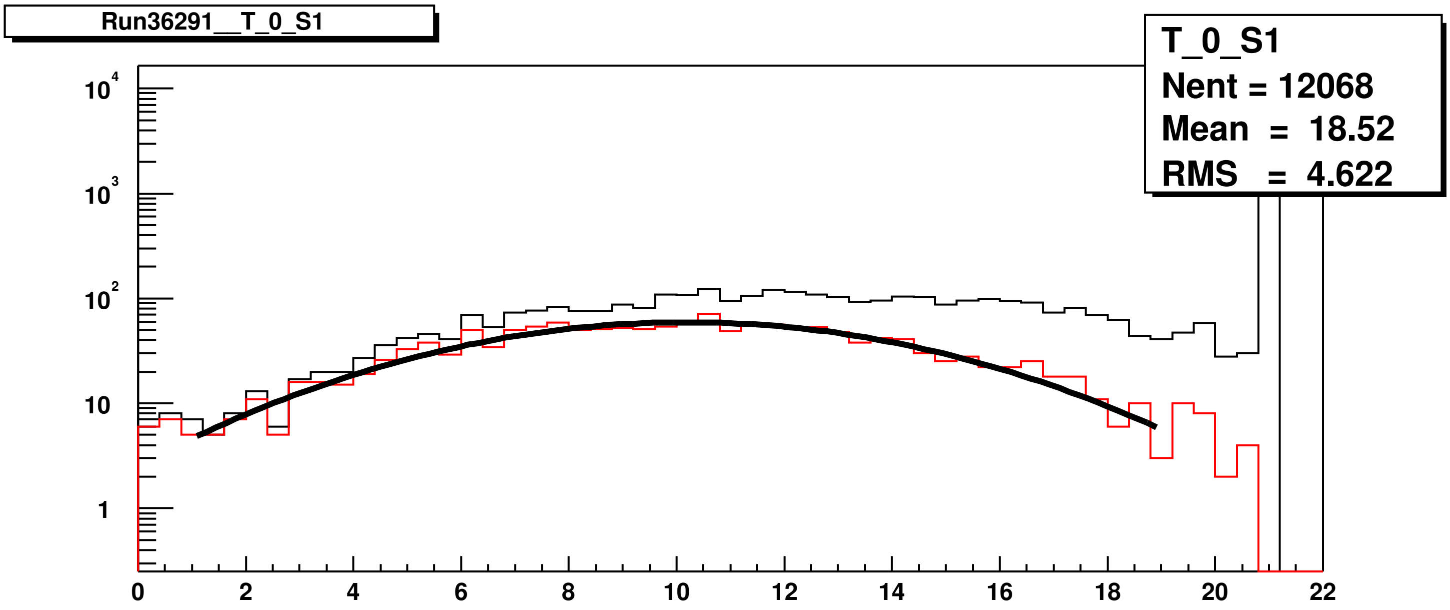

Run36291__Q_0_S1
Q_0_S1
Nent = 12068
Mean = 1310
RMS = 959.9
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

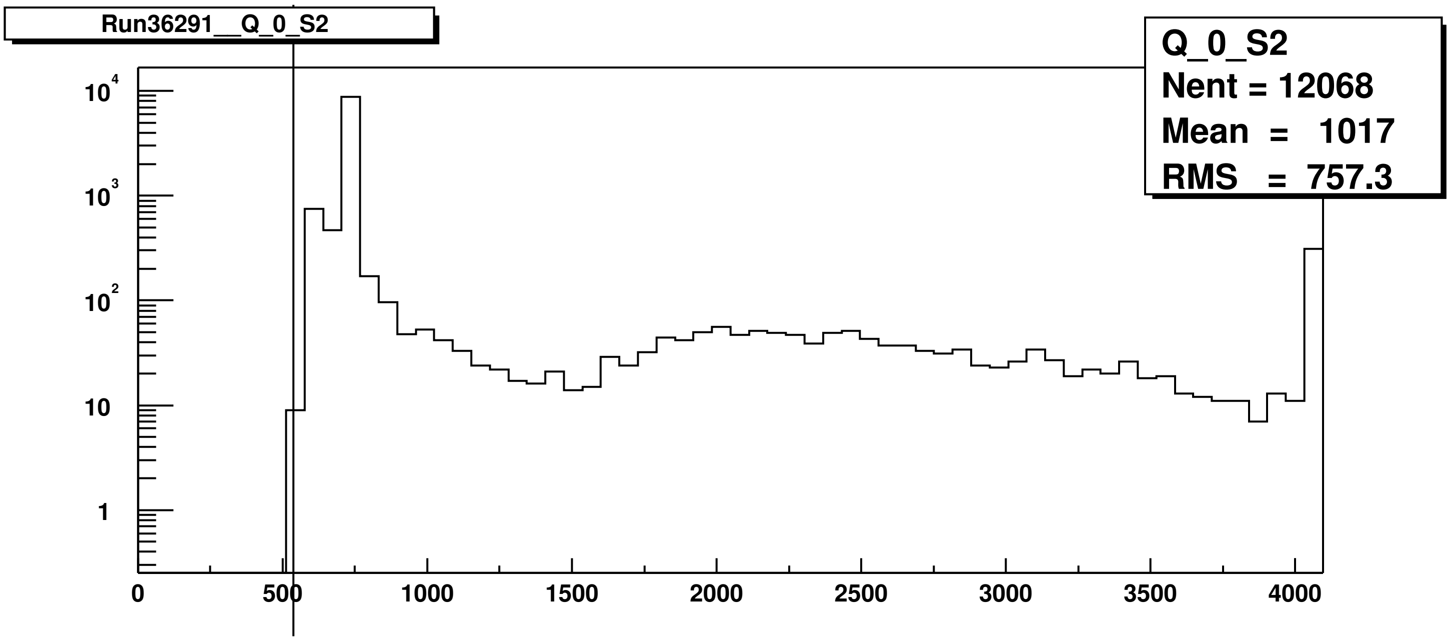

Run36291__Q_cut_S1
Q_cut_S1
Nent = 1551
Mean = 3660
RMS = 518.4
Chi2 / ndf = 37.26 / 27
Prob = 0.09037
Constant = 43.53 ± 1.956
Mean = 3468 ± 51.47
Sigma = 554.6 ± 38.65
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


Run36291__Q_0_S1
Q_0_S1
Nent = 12068
Mean = 1310
RMS = 959.9
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

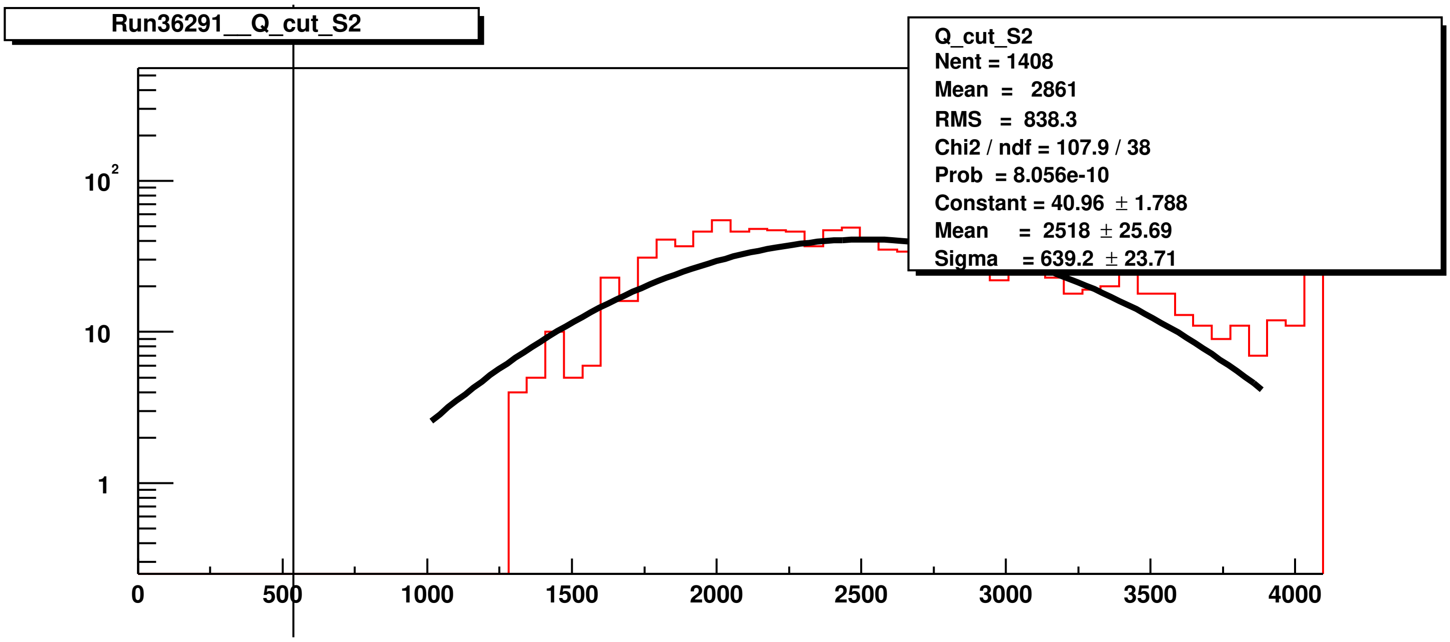

Run36291__T_0_S1
T_0_S1
Nent = 12068
Mean = 18.52
RMS = 4.622
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22


Run36291__T_cut_S1
T_cut_S1
Nent = 1551
Mean = 10.22
RMS = 4.064
Chi2 / ndf = 38.27 / 43
Prob = 0.6762
Constant = 59.3 ± 1.951
Mean = 10.19 ± 0.1146
Sigma = 4.068 ± 0.09562
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

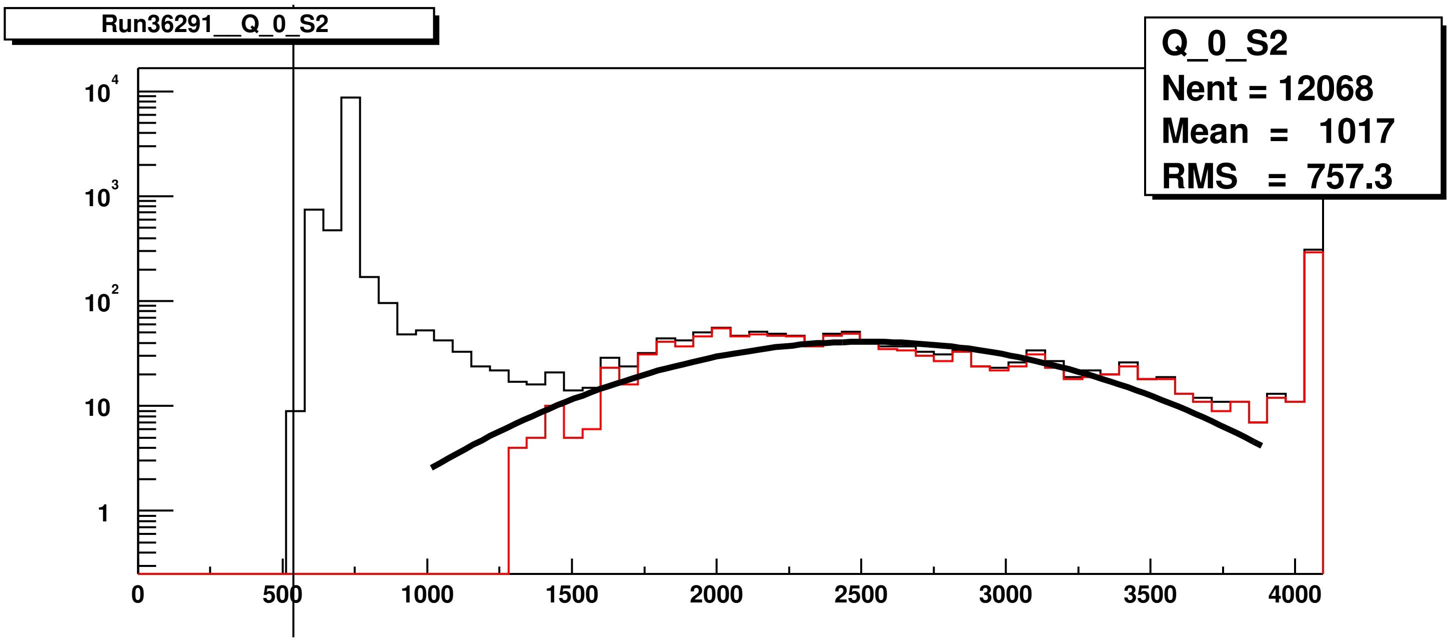

Run36291__T_0_S1
T_0_S1
Nent = 12068
Mean = 18.52
RMS = 4.622
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22



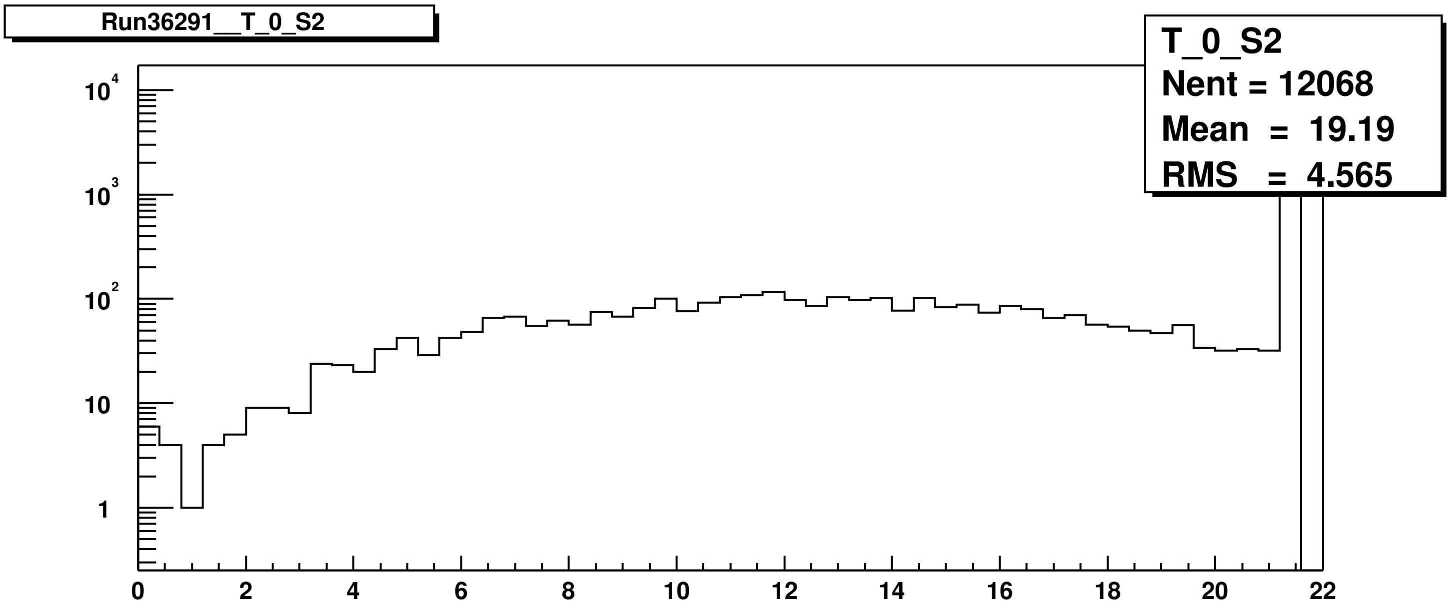
Run36291__Q_0_S2
Q_0_S2
Nent = 12068
Mean = 1017
RMS = 757.3
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

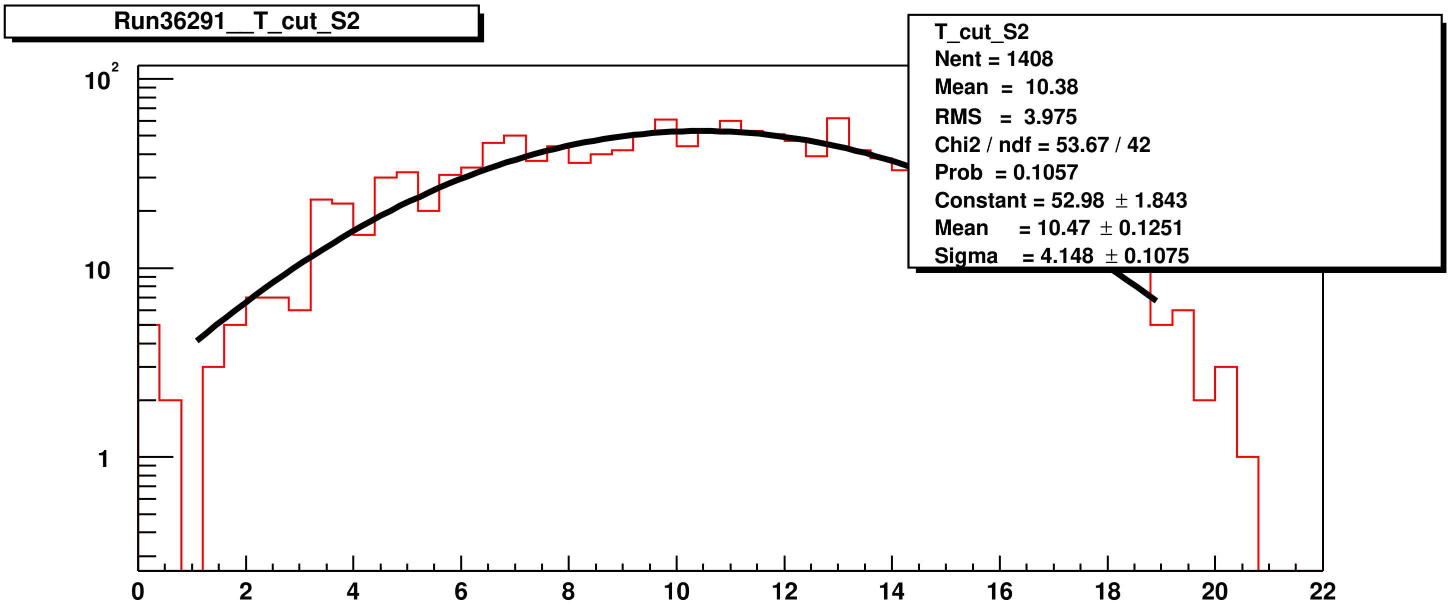


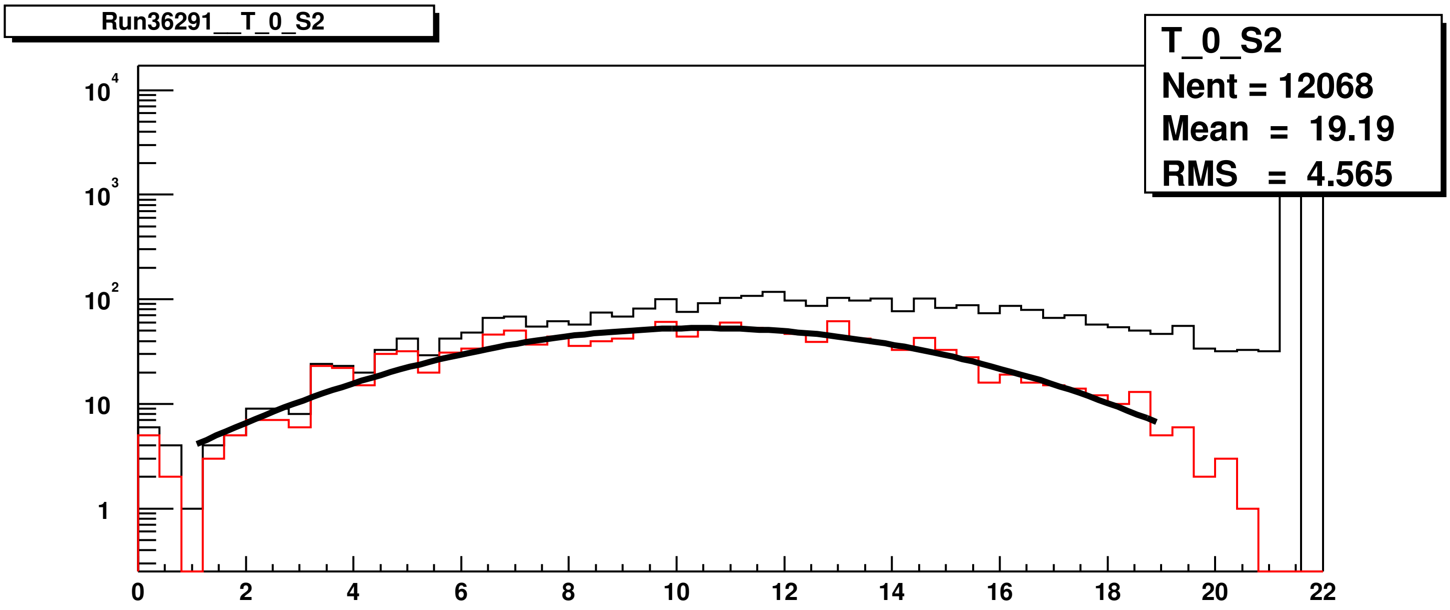
Run36291__Q_cut_S2
Q_cut_S2
Nent = 1408
Mean = 2861
RMS = 838.3
Chi2 / ndf = 107.9 / 38
Prob = 8.056e-10
Constant = 40.96 ± 1.788
Mean = 2518 ± 25.69
Sigma = 639.2 ± 23.71
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

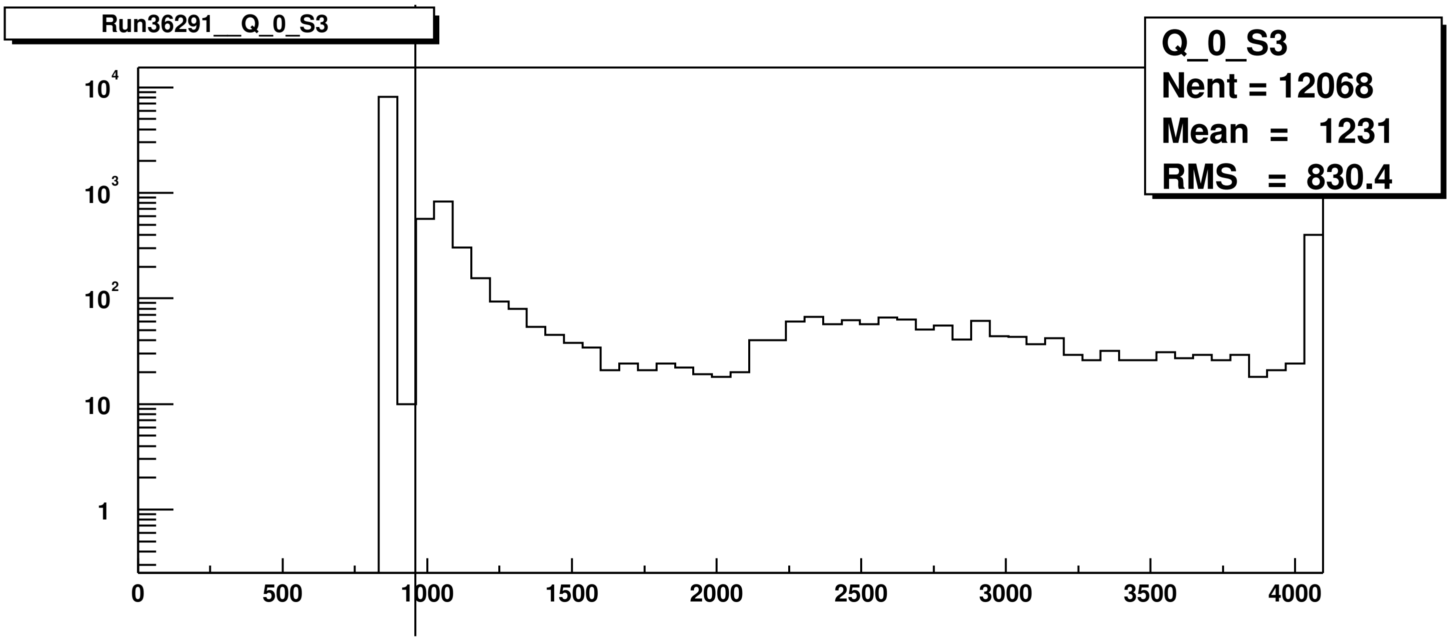


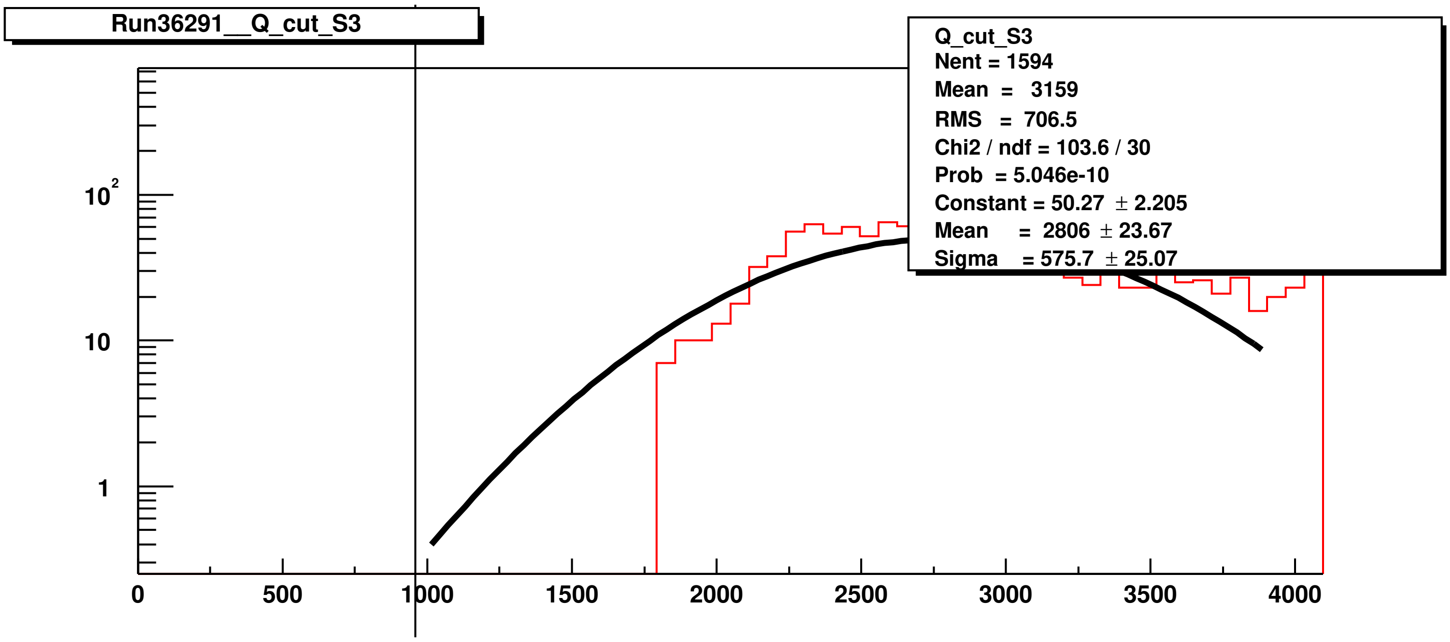
Run36291__Q_0_S2
Q_0_S2
Nent = 12068
Mean = 1017
RMS = 757.3
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

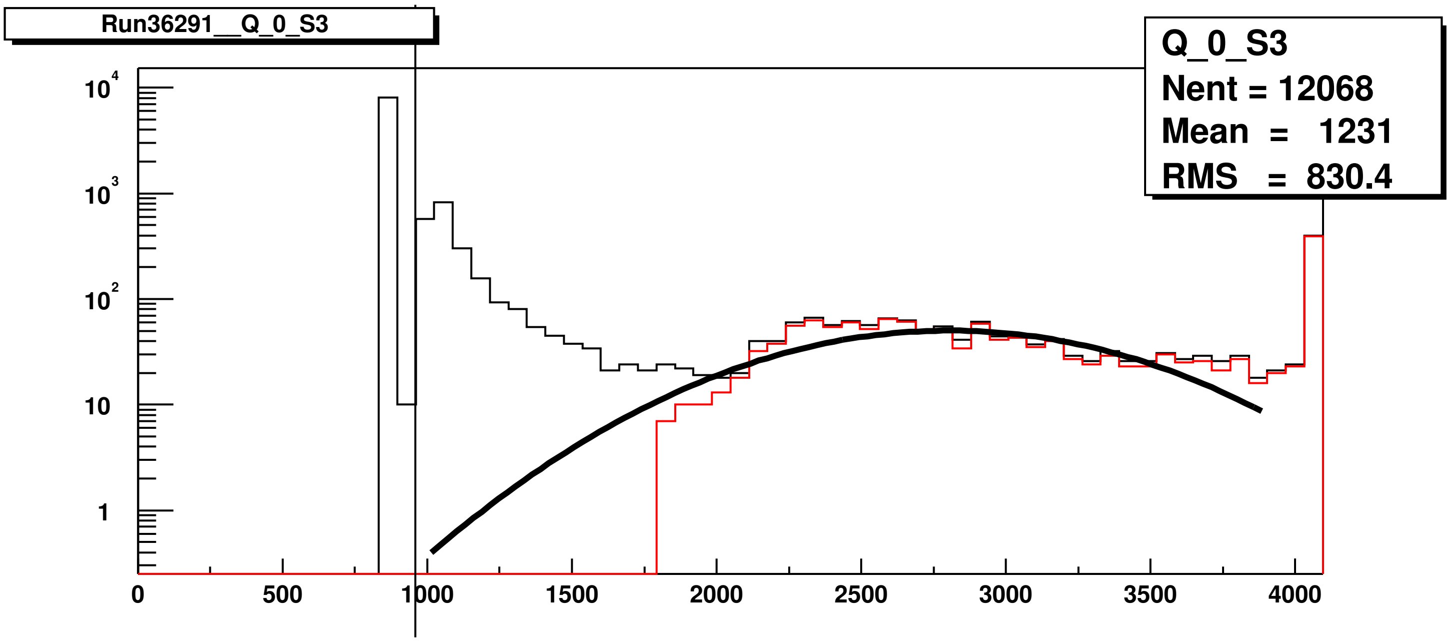

Run36291__T_0_S2
T_0_S2
Nent = 12068
Mean = 19.19
RMS = 4.565

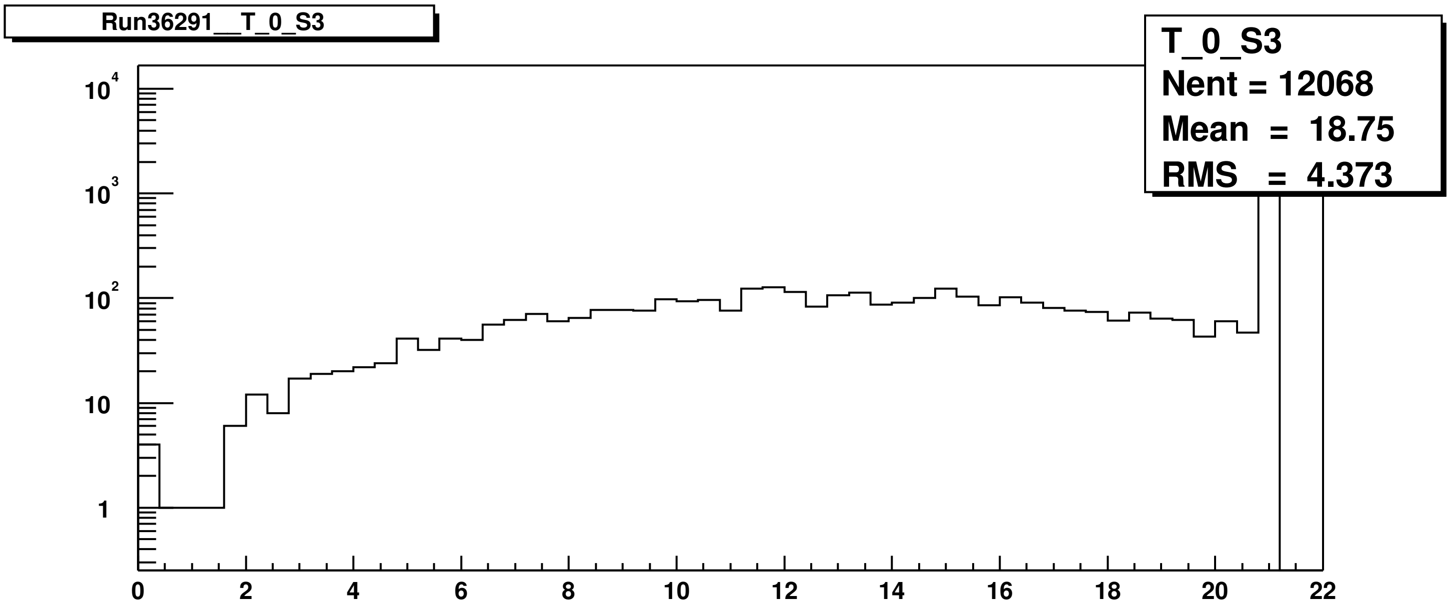

Run36291__T_cut_S2
T_cut_S2
Nent = 1408
Mean = 10.38
RMS = 3.975
Chi2 / ndf = 53.67 / 42
Prob = 0.1057
Constant = 52.98 ± 1.843
Mean = 10.47 ± 0.1251
Sigma = 4.148 ± 0.1075

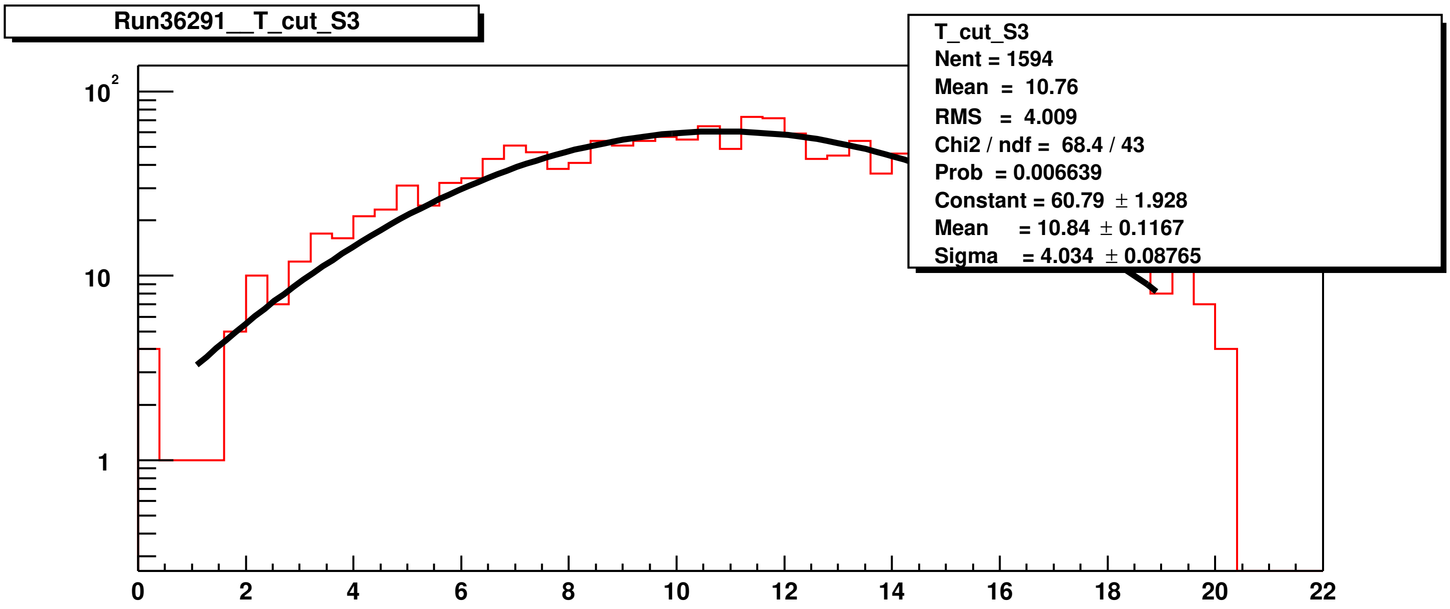

Run36291__T_0_S2
T_0_S2
Nent = 12068
Mean = 19.19
RMS = 4.565

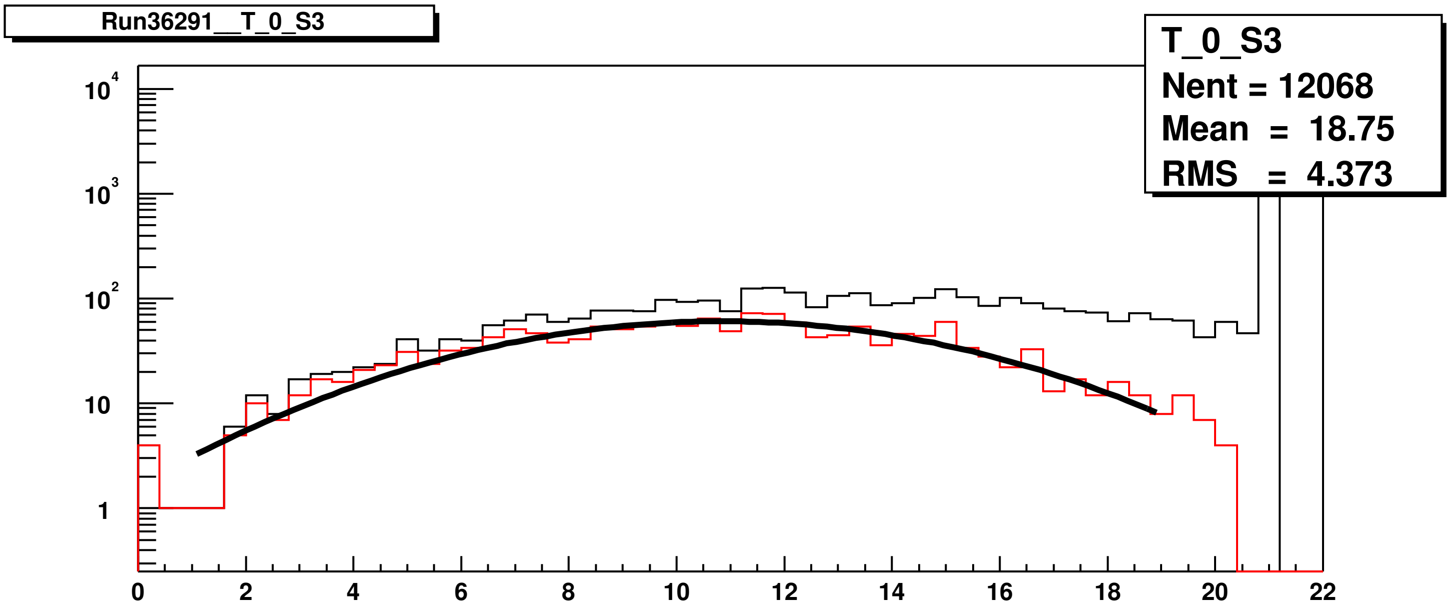

Run36291__Q_0_S3
Q_0_S3
Nent = 12068
Mean = 1231
RMS = 830.4
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

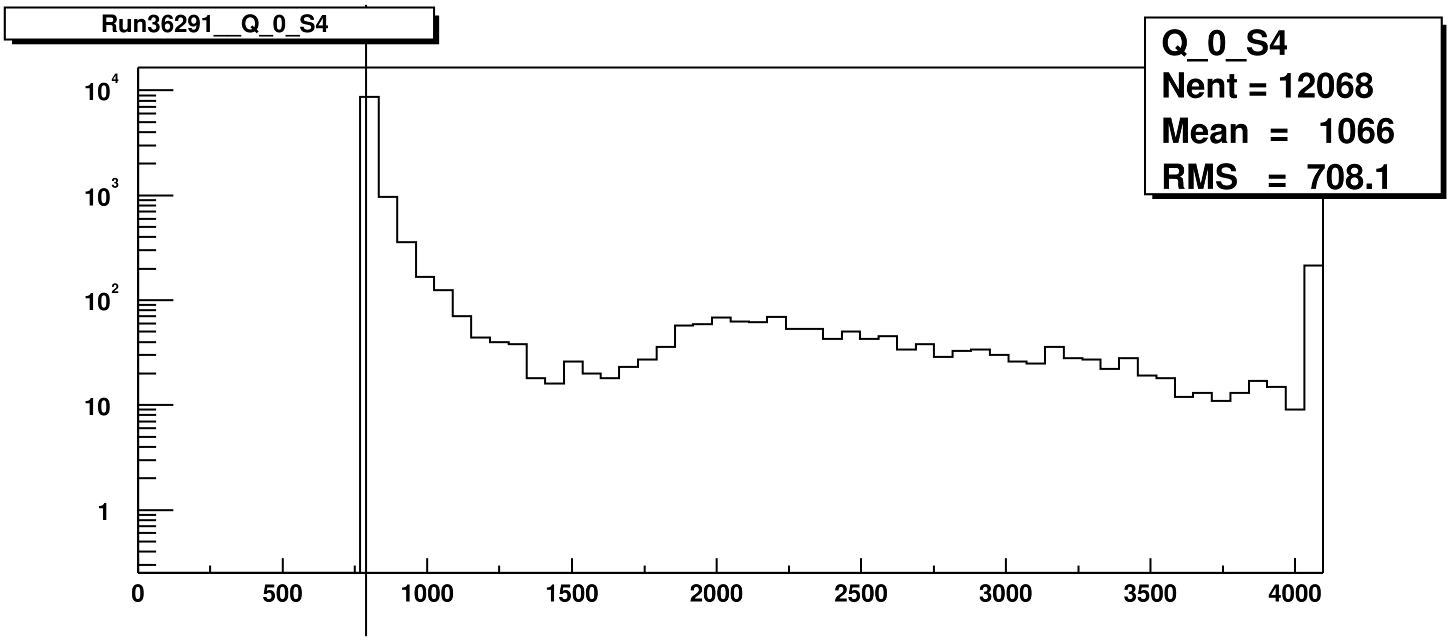

Run36291__Q_cut_S3
Q_cut_S3
Nent = 1594
Mean = 3159
RMS = 706.5
Chi2 / ndf = 103.6 / 30
Prob = 5.046e-10
Constant = 50.27 ± 2.205
Mean = 2806 ± 23.67
Sigma = 575.7 ± 25.07
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

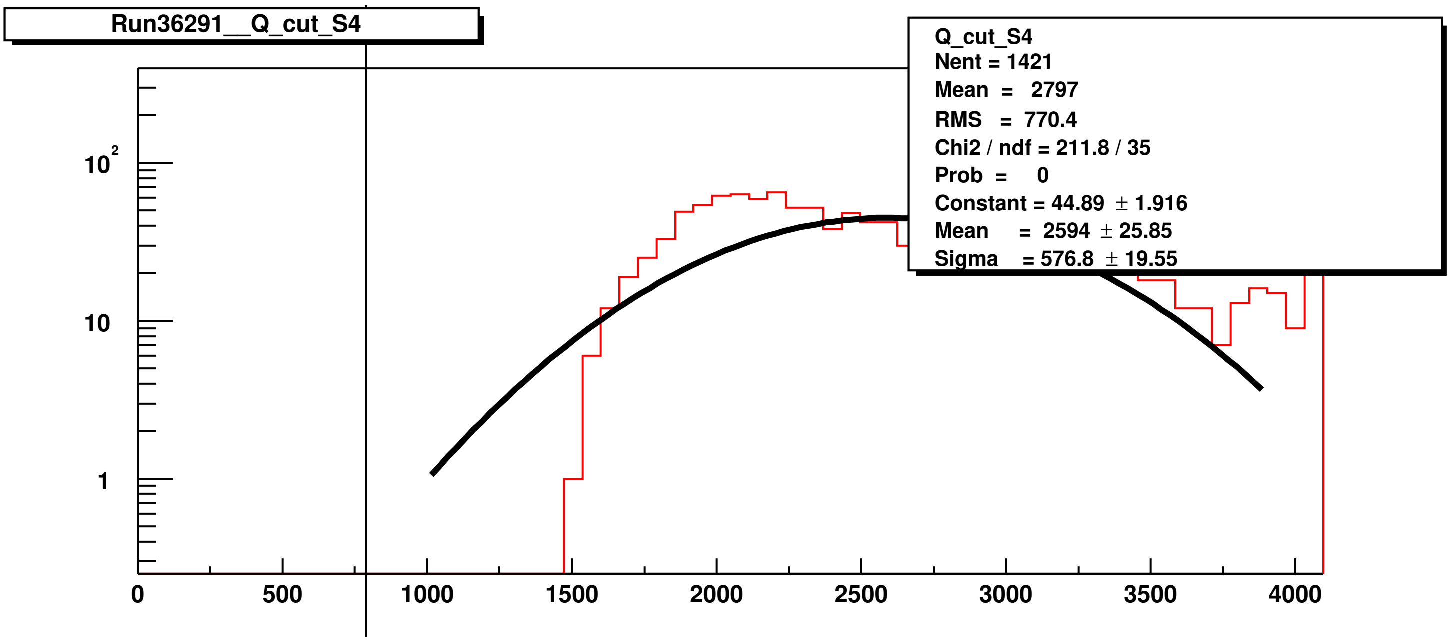

Run36291__Q_0_S3
Q_0_S3
Nent = 12068
Mean = 1231
RMS = 830.4
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

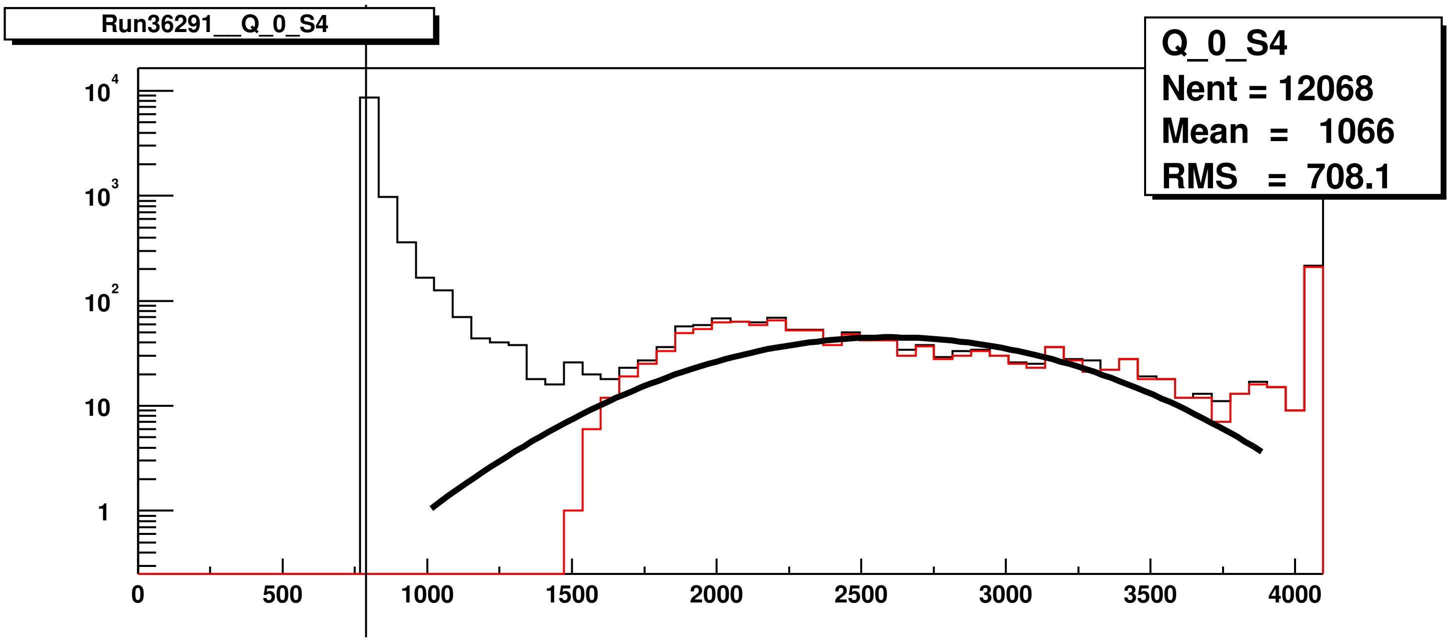

Run36291__T_0_S3
T_0_S3
Nent = 12068
Mean = 18.75
RMS = 4.373
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

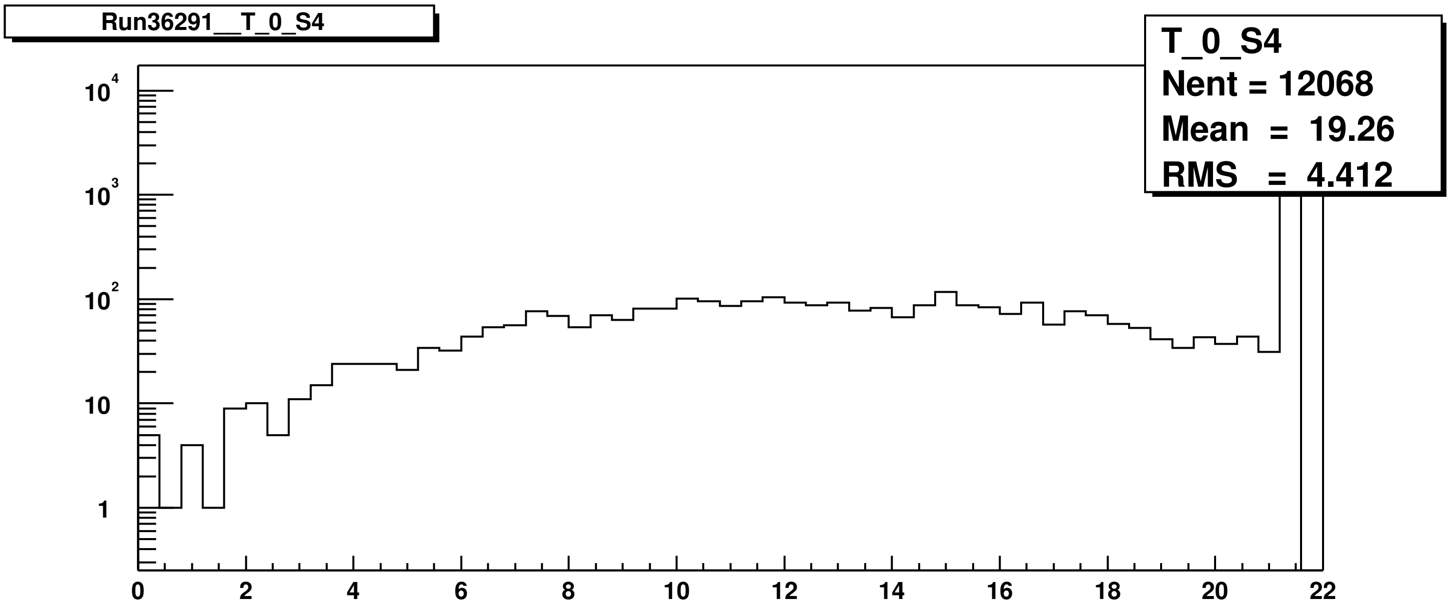

Run36291__T_cut_S3
T_cut_S3
Nent = 1594
Mean = 10.76
RMS = 4.009
Chi2 / ndf = 68.4 / 43
Prob = 0.006639
Constant = 60.79 ± 1.928
Mean = 10.84 ± 0.1167
Sigma = 4.034 ± 0.08765
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

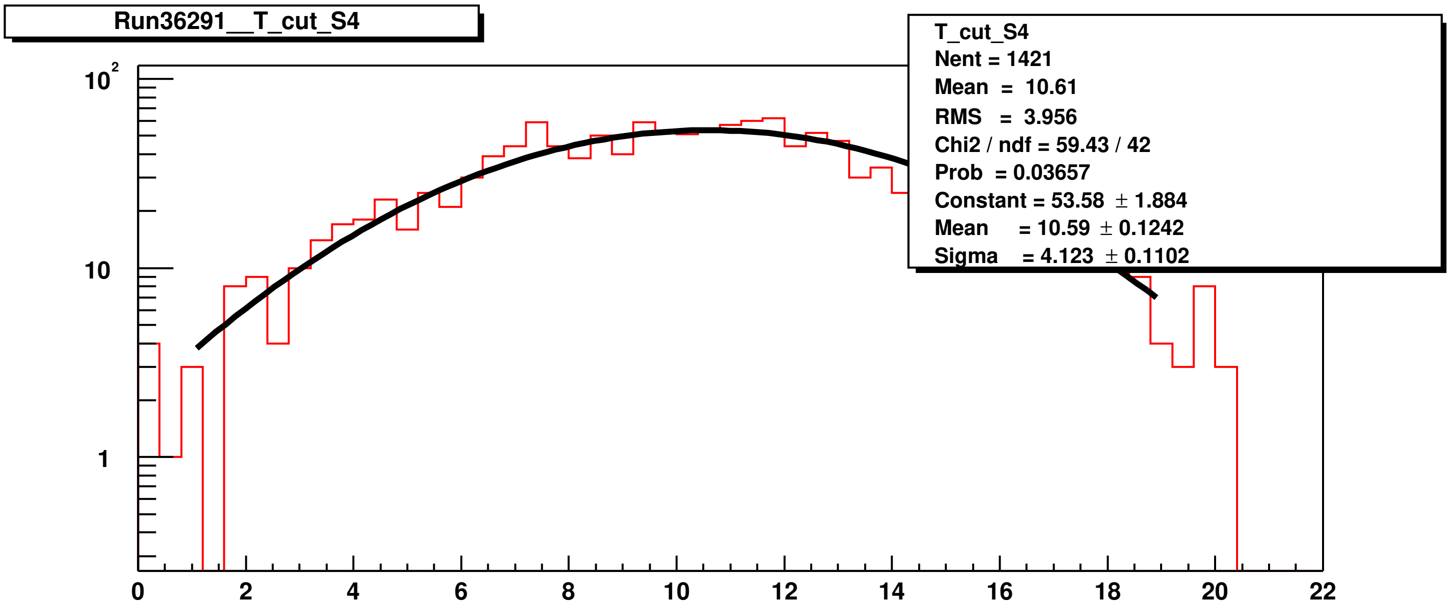

Run36291__T_0_S3
T_0_S3
Nent = 12068
Mean = 18.75
RMS = 4.373
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

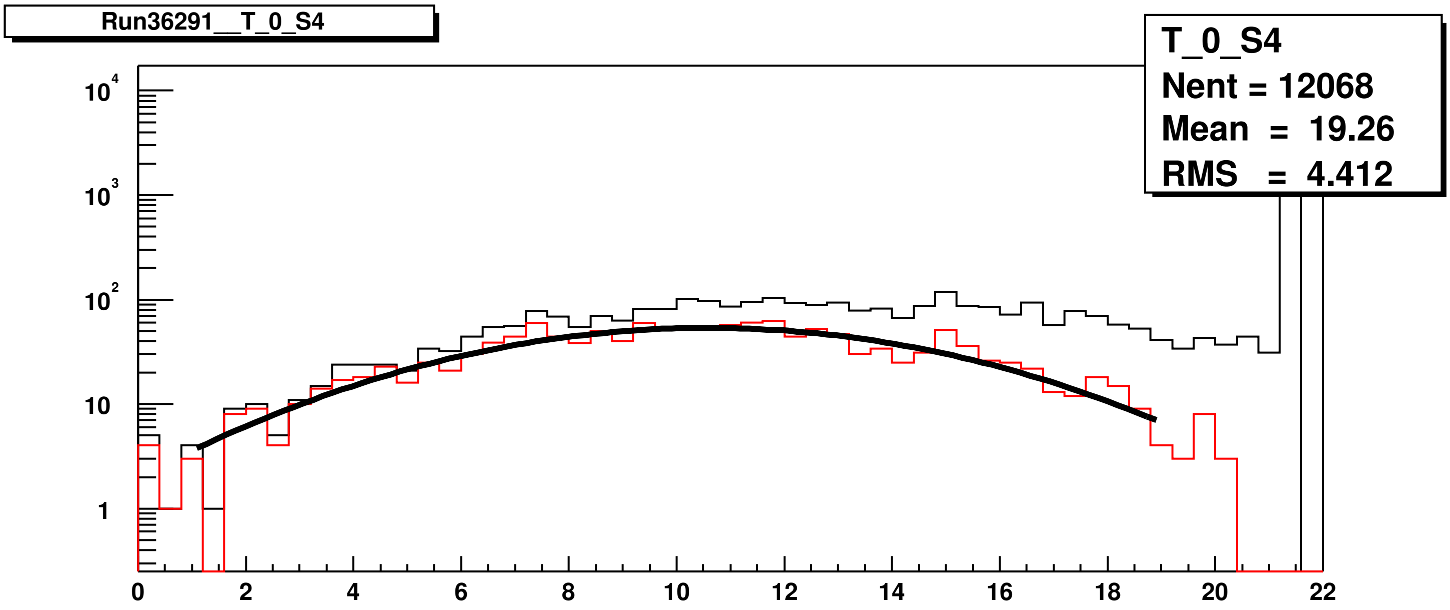

Run36291__Q_0_S4
Q_0_S4
Nent = 12068
Mean = 1066
RMS = 708.1
1
10
10^2
10^3
10^4
0
500
1000
1500
2000
2500
3000
3500
4000

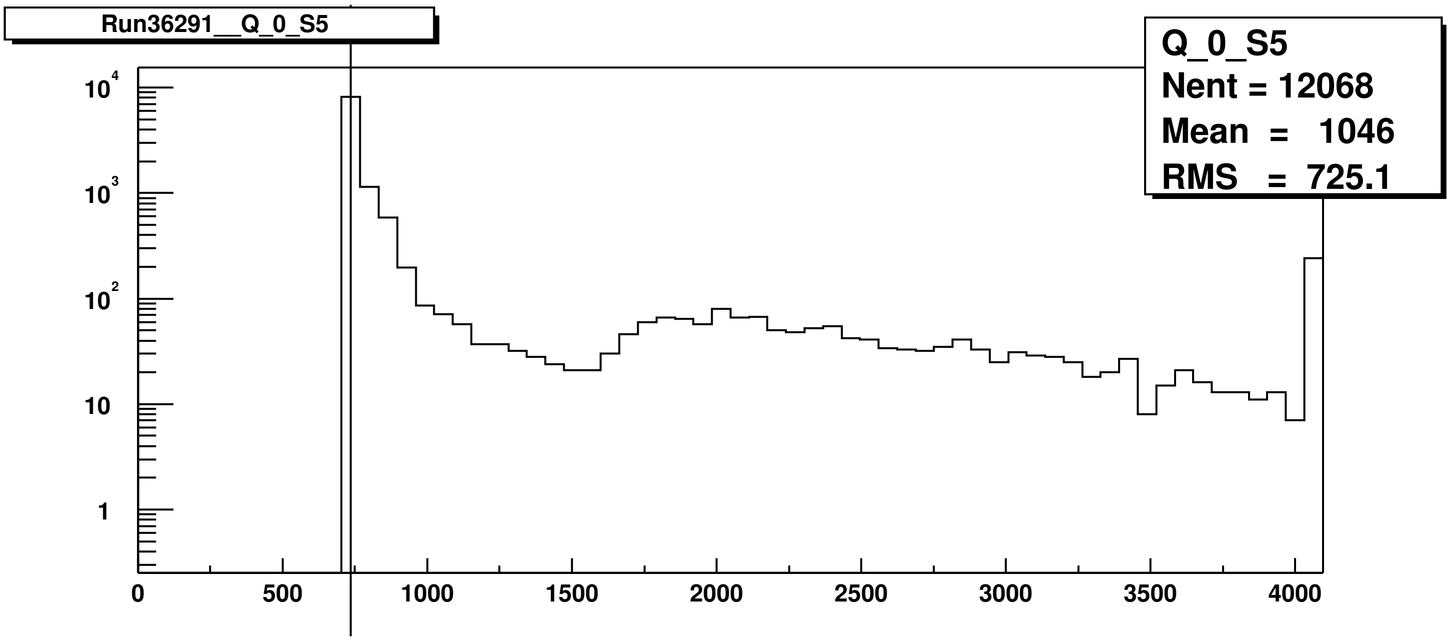

Run36291__Q_cut_S4
Q_cut_S4
Nent = 1421
Mean = 2797
RMS = 770.4
Chi2 / ndf = 211.8 / 35
Prob = 0
Constant = 44.89 ± 1.916
Mean = 2594 ± 25.85
Sigma = 576.8 ± 19.55
1
10
10^2
0
500
1000
1500
2000
2500
3000
3500
4000

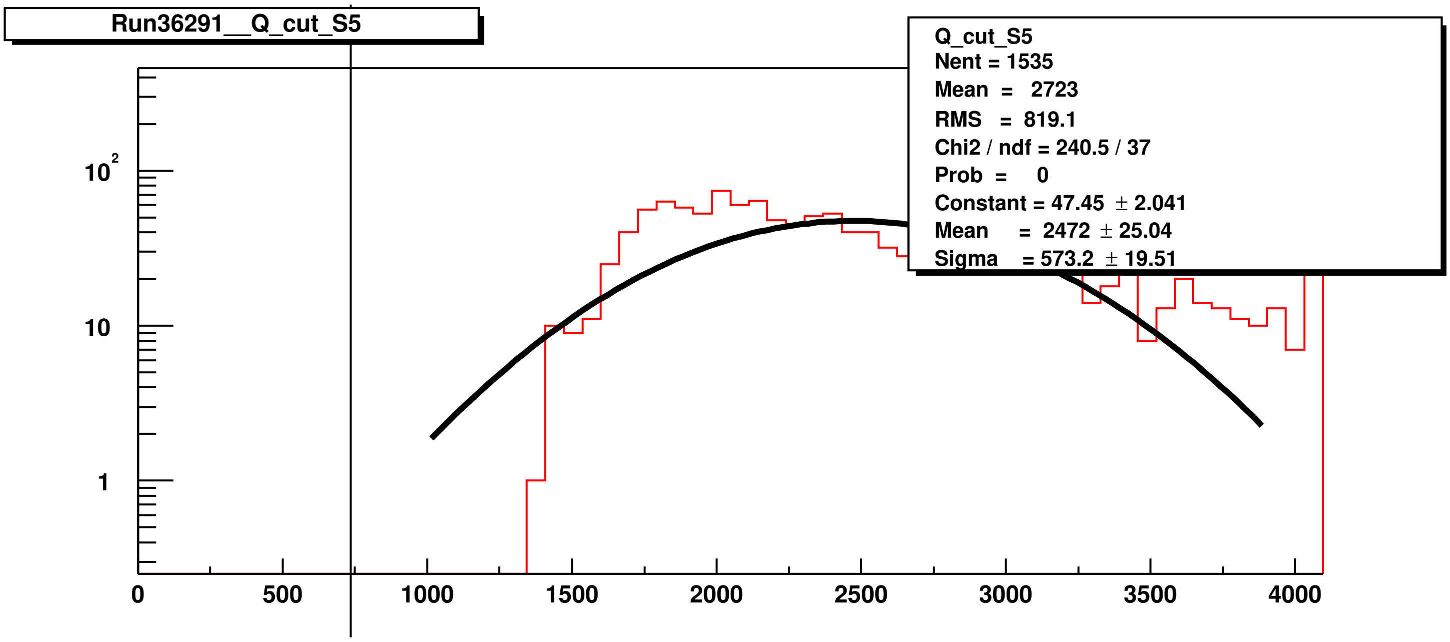

Run36291__Q_0_S4
Q_0_S4
Nent = 12068
Mean = 1066
RMS = 708.1
1
10
10^2
10^3
10^4
0
500
1000
1500
2000
2500
3000
3500
4000

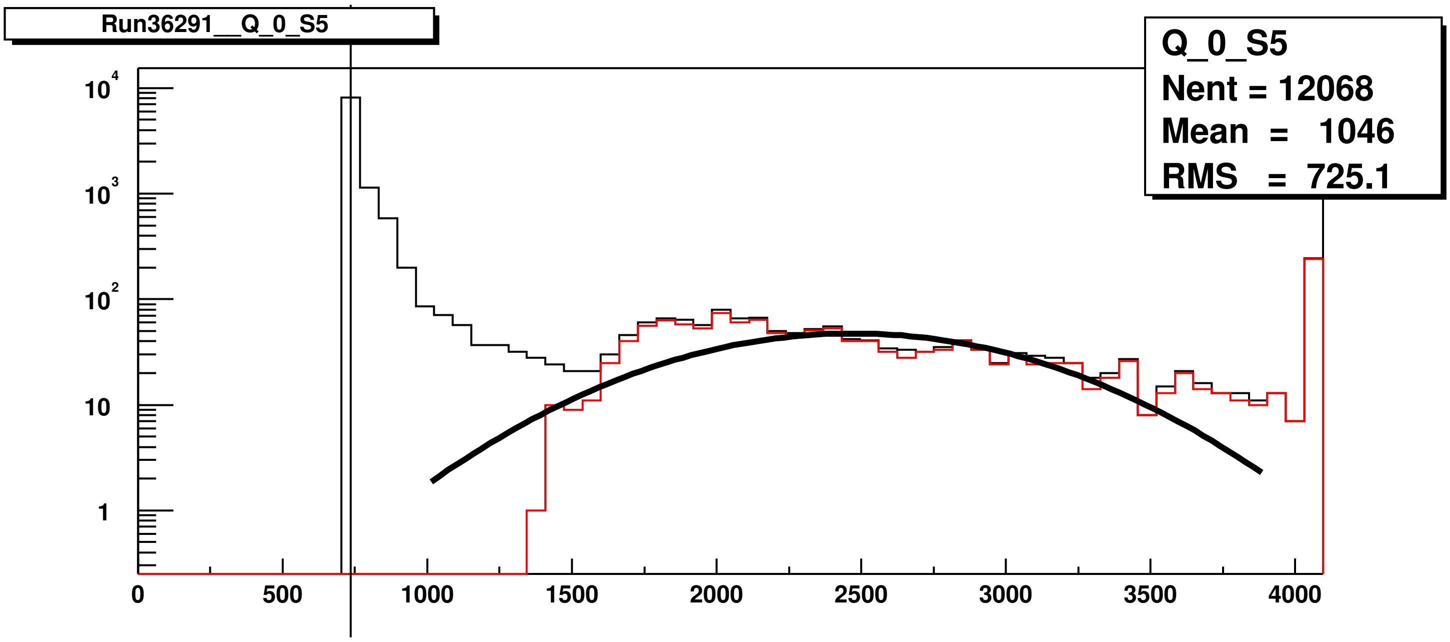

Run36291__T_0_S4
T_0_S4
Nent = 12068
Mean = 19.26
RMS = 4.412
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

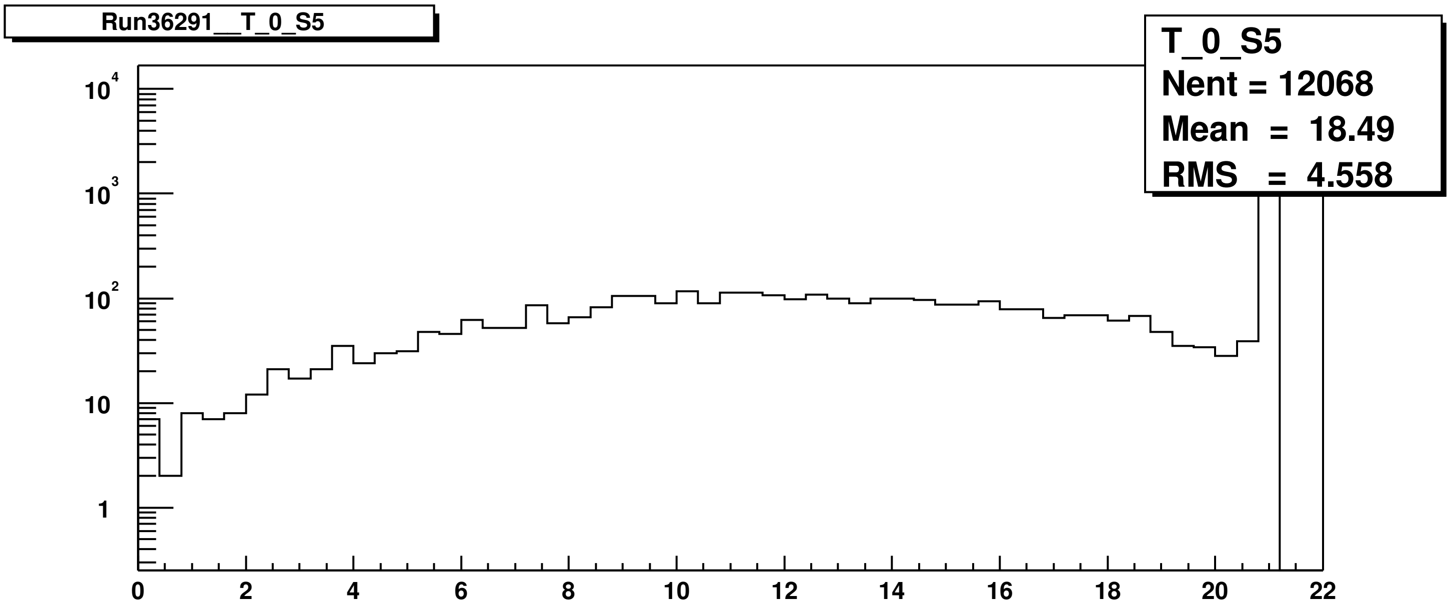

Run36291__T_cut_S4
T_cut_S4
Nent = 1421
Mean = 10.61
RMS = 3.956
Chi2 / ndf = 59.43 / 42
Prob = 0.03657
Constant = 53.58 ± 1.884
Mean = 10.59 ± 0.1242
Sigma = 4.123 ± 0.1102
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

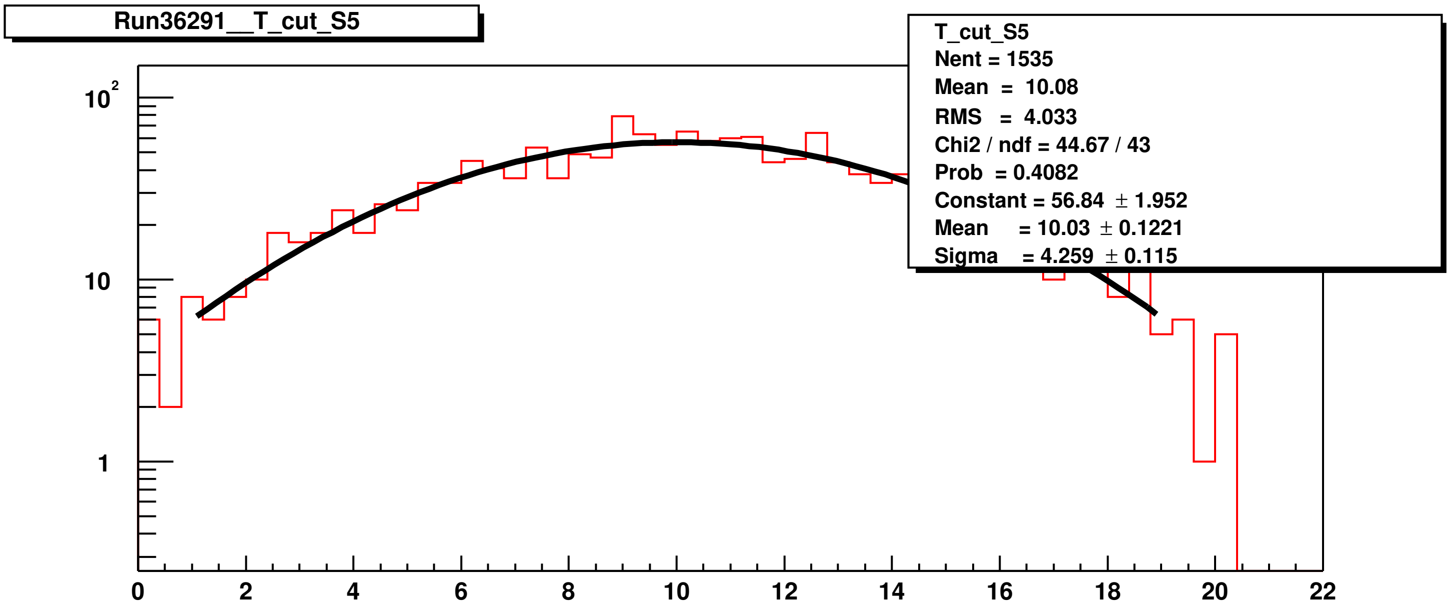

Run36291__T_0_S4
T_0_S4
Nent = 12068
Mean = 19.26
RMS = 4.412
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

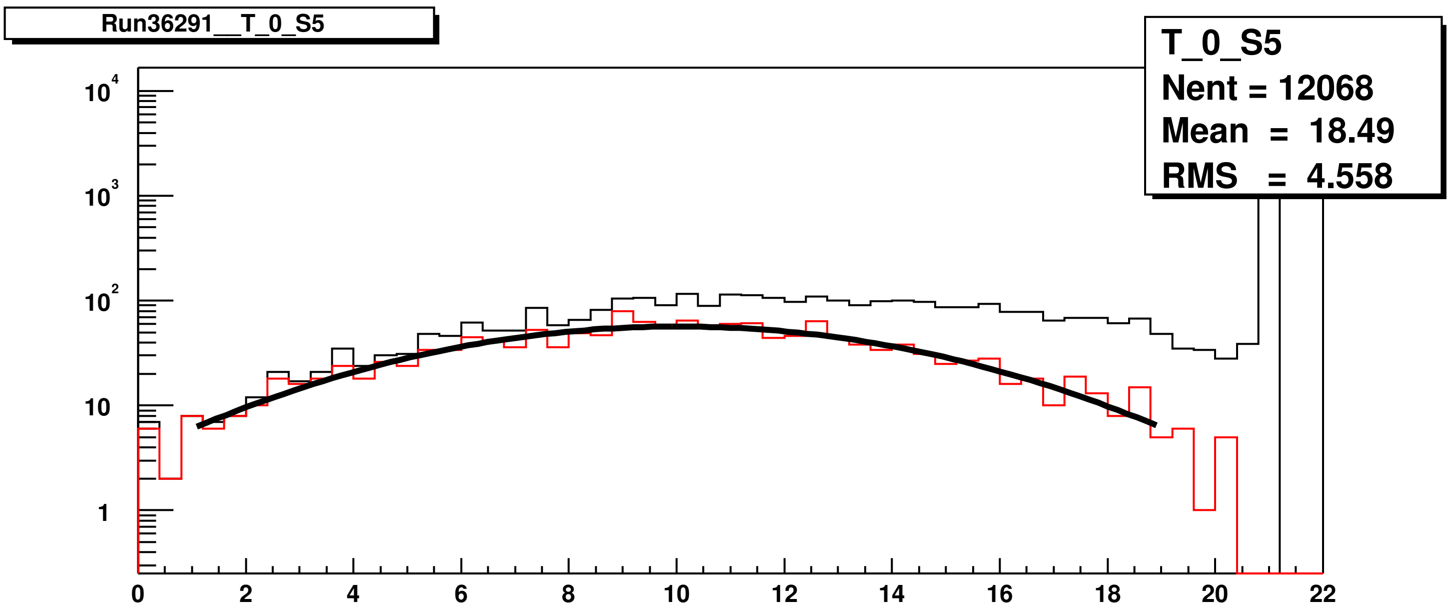

Run36291__Q_0_S5
Q_0_S5
Nent = 12068
Mean = 1046
RMS = 725.1

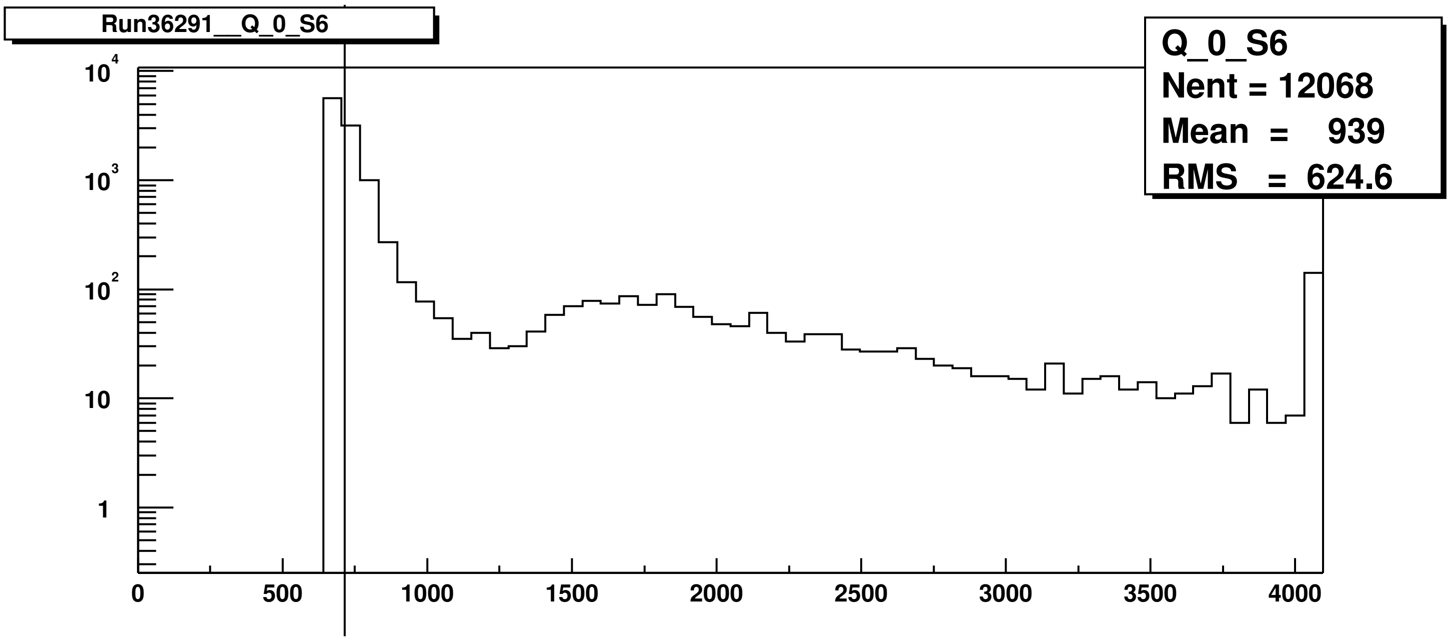

Run36291__Q_cut_S5
Q_cut_S5
Nent = 1535
Mean = 2723
RMS = 819.1
Chi2 / ndf = 240.5 / 37
Prob = 0
Constant = 47.45 ± 2.041
Mean = 2472 ± 25.04
Sigma = 573.2 ± 19.51


Run36291__Q_0_S5
Q_0_S5
Nent = 12068
Mean = 1046
RMS = 725.1

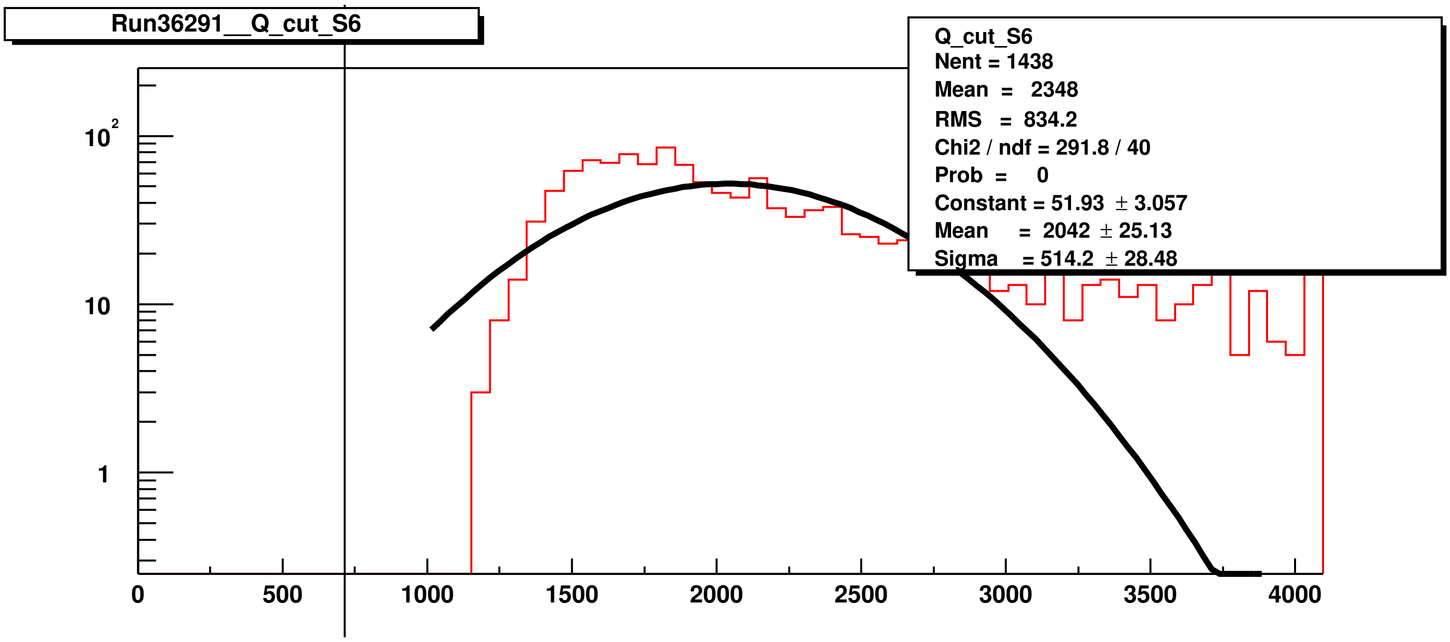

Run36291__T_0_S5
T_0_S5
Nent = 12068
Mean = 18.49
RMS = 4.558


Run36291__T_cut_S5
T_cut_S5
Nent = 1535
Mean = 10.08
RMS = 4.033
Chi2 / ndf = 44.67 / 43
Prob = 0.4082
Constant = 56.84 ± 1.952
Mean = 10.03 ± 0.1221
Sigma = 4.259 ± 0.115

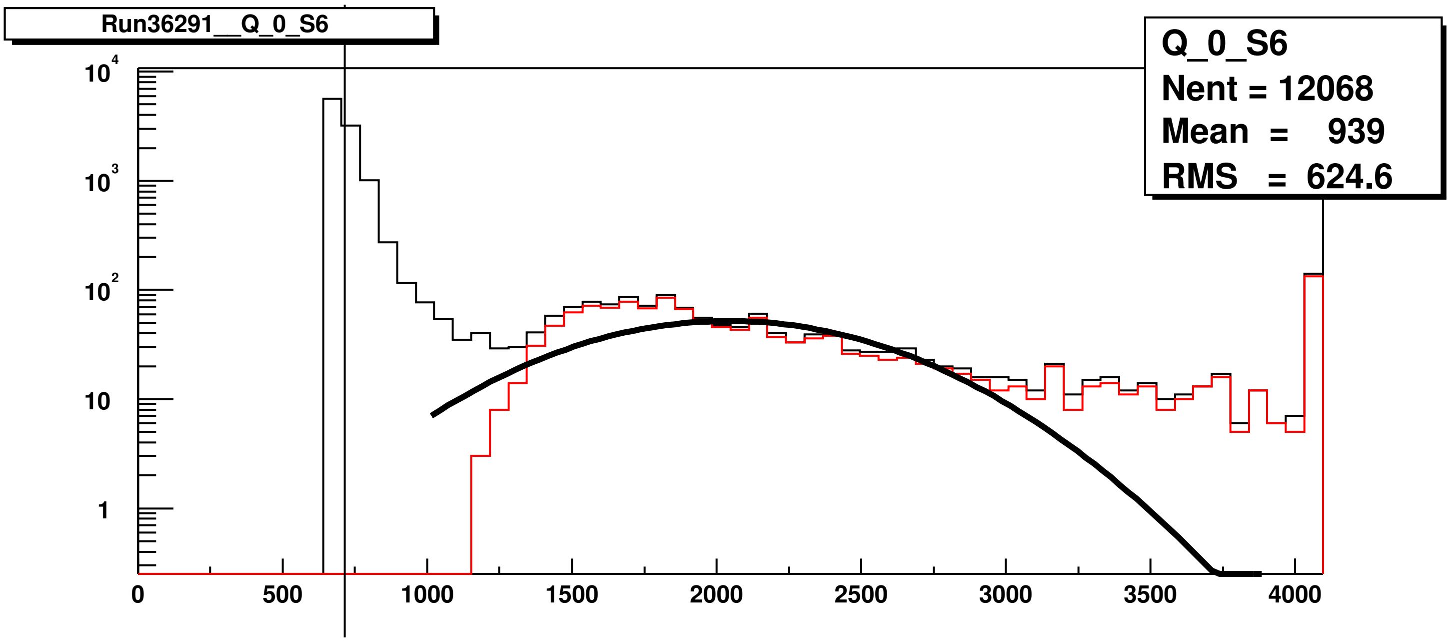

Run36291__T_0_S5
T_0_S5
Nent = 12068
Mean = 18.49
RMS = 4.558



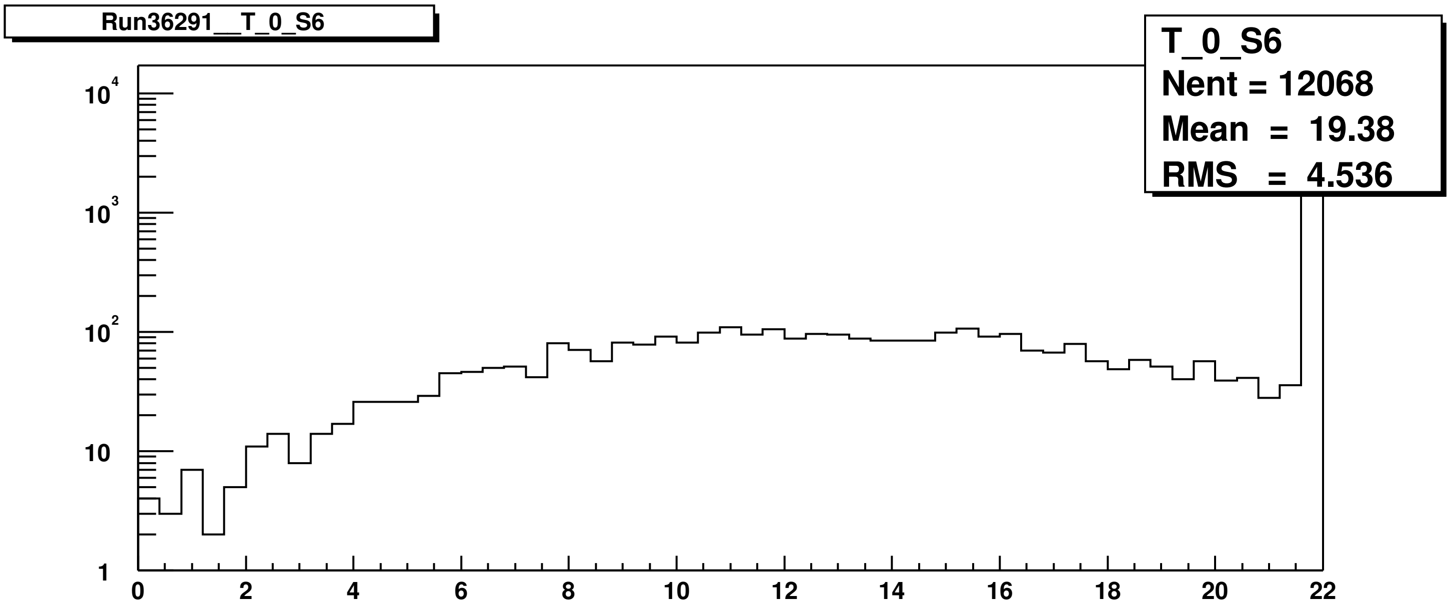
Run36291__Q_0_S6
Q_0_S6
Nent = 12068
Mean = 939
RMS = 624.6

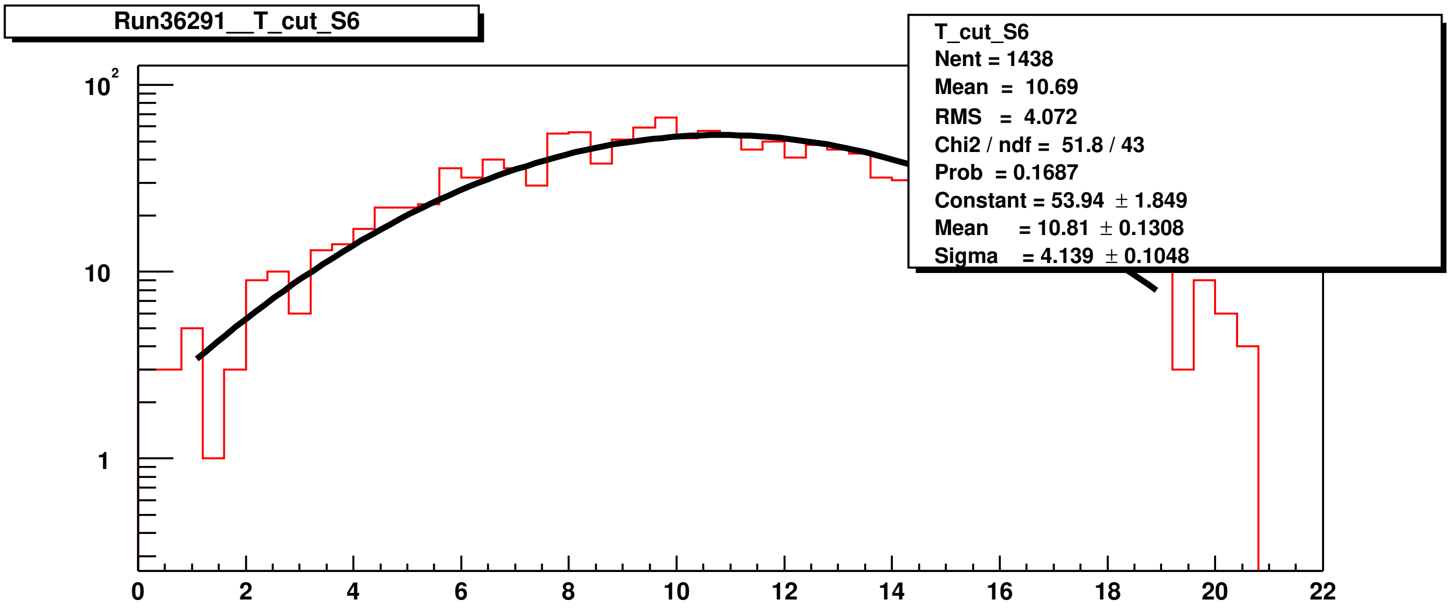


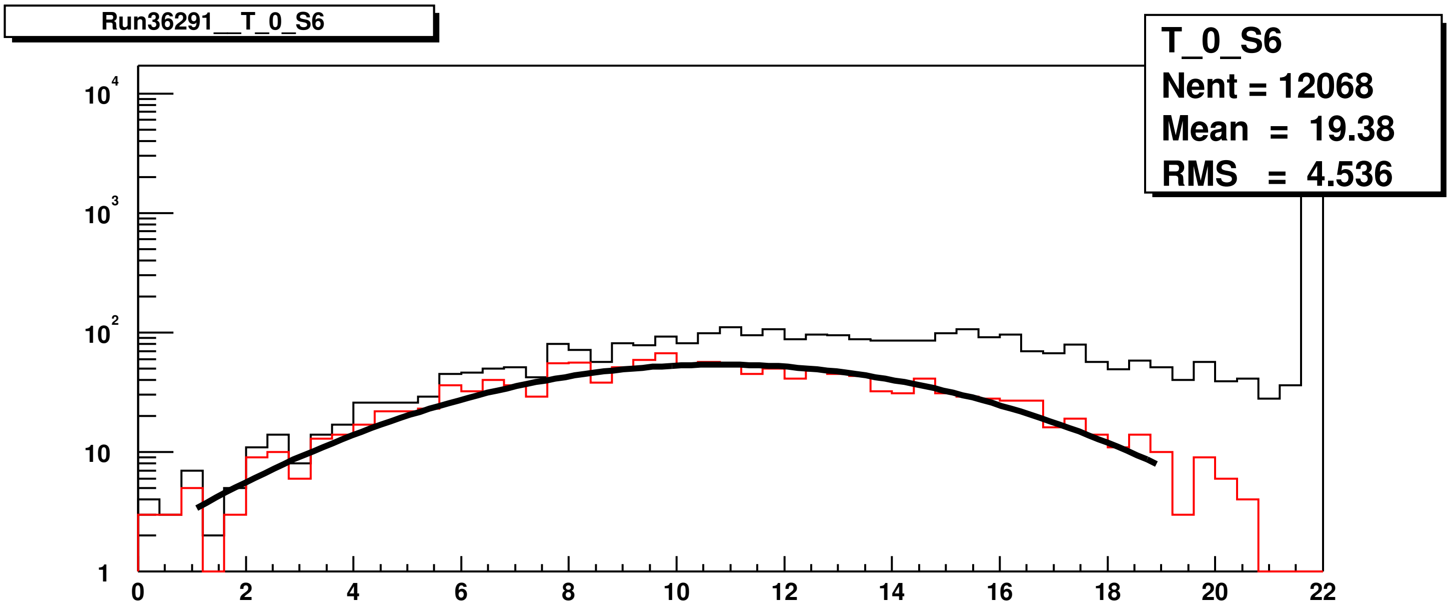
Run36291__Q_cut_S6
Q_cut_S6
Nent = 1438
Mean = 2348
RMS = 834.2
Chi2 / ndf = 291.8 / 40
Prob = 0
Constant = 51.93 ± 3.057
Mean = 2042 ± 25.13
Sigma = 514.2 ± 28.48

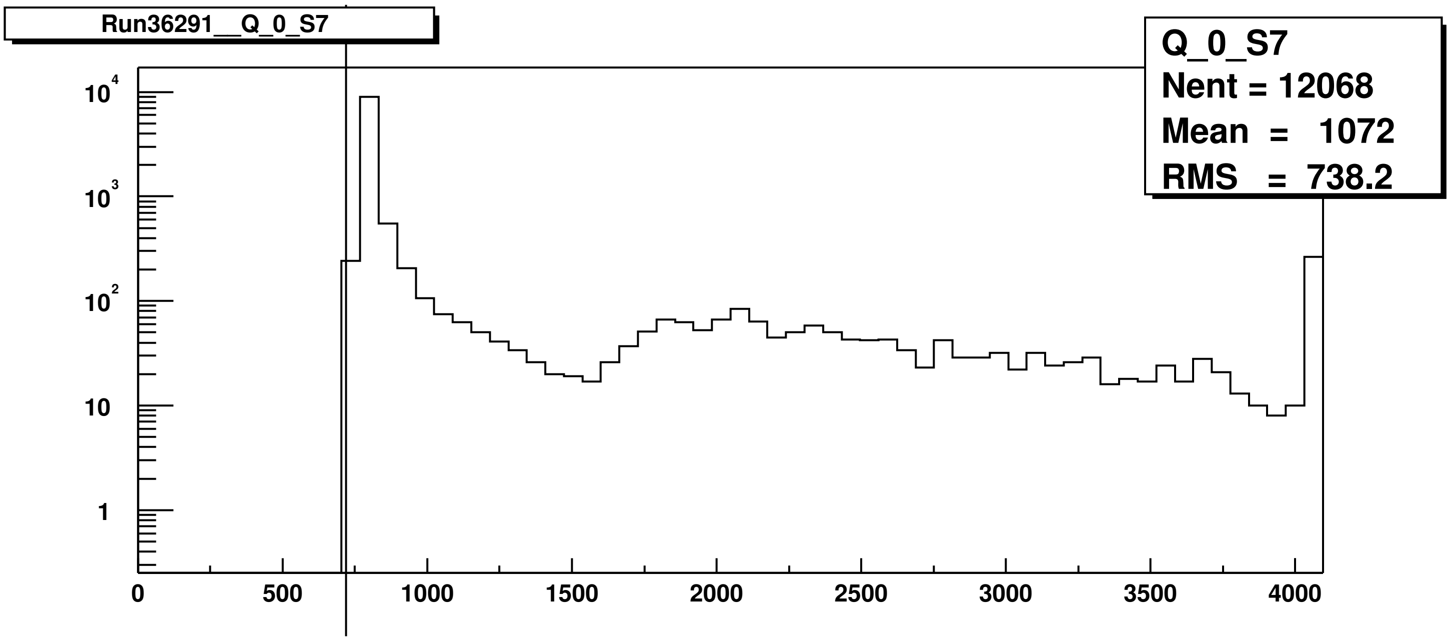


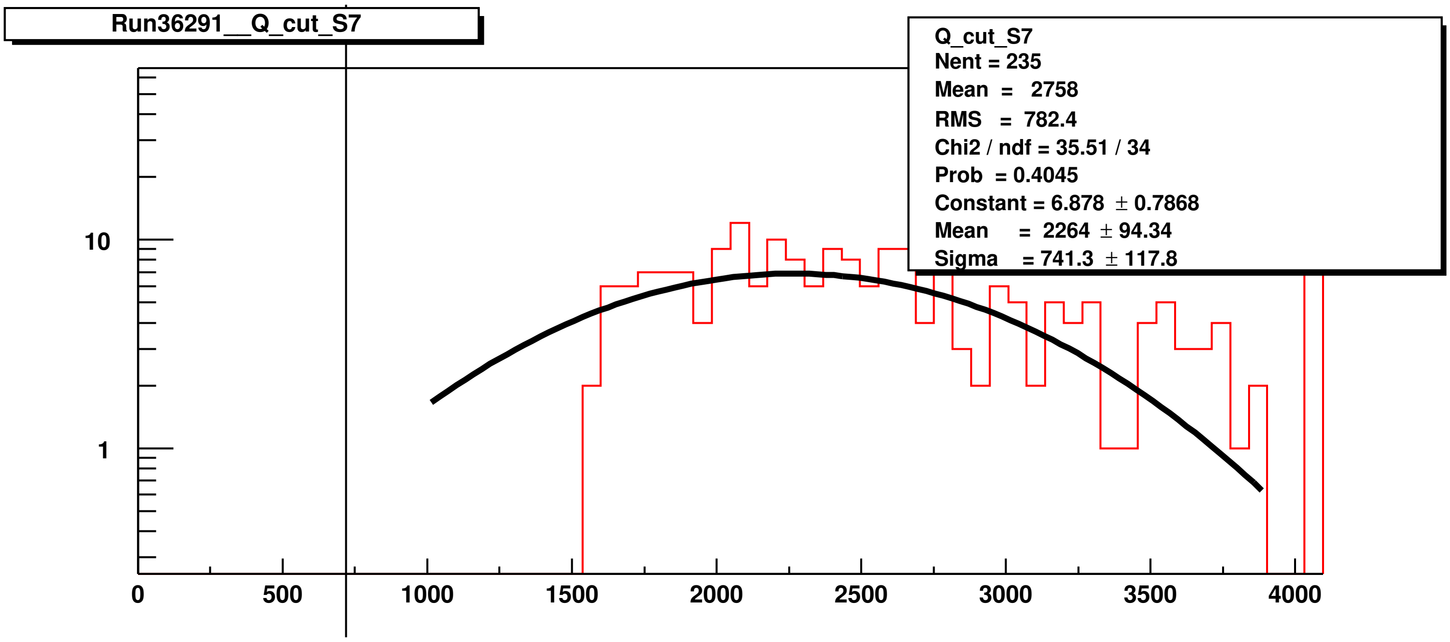
Run36291__Q_0_S6
Q_0_S6
Nent = 12068
Mean = 939
RMS = 624.6

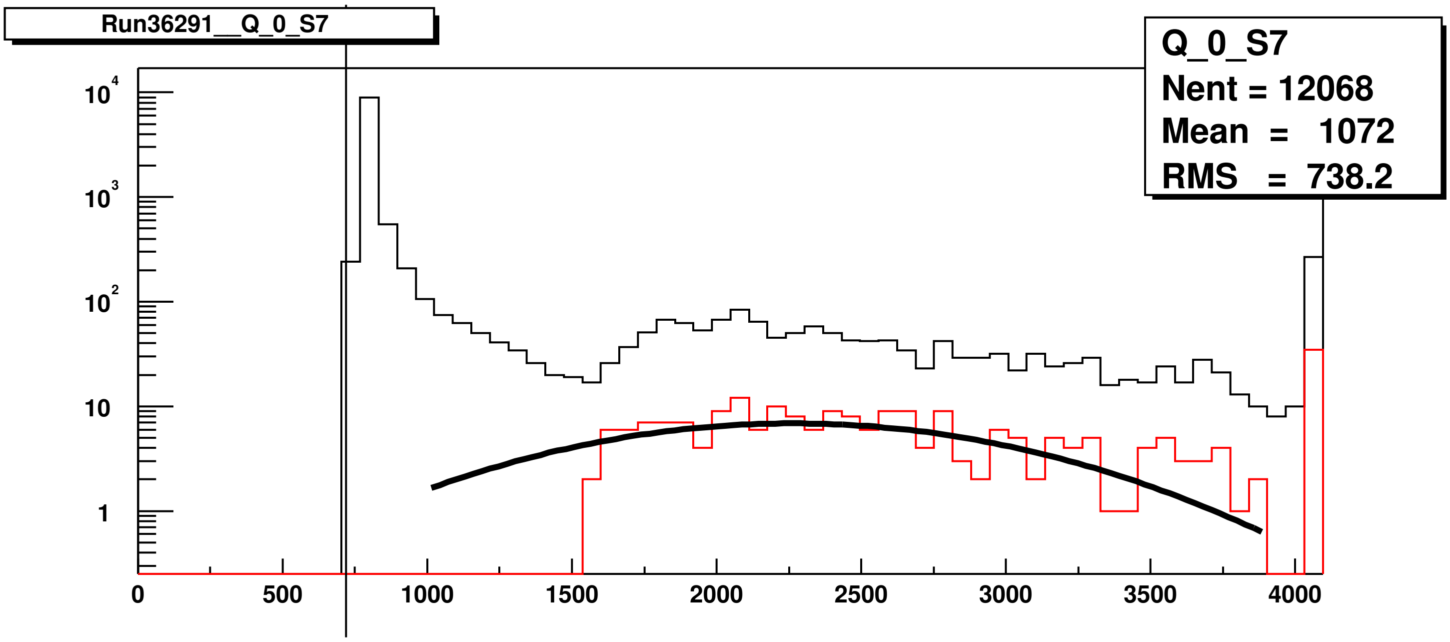

Run36291__T_0_S6
T_0_S6
Nent = 12068
Mean = 19.38
RMS = 4.536
0 2 4 6 8 10 12 14 16 18 20 22
1 10 10^2 10^3 10^4

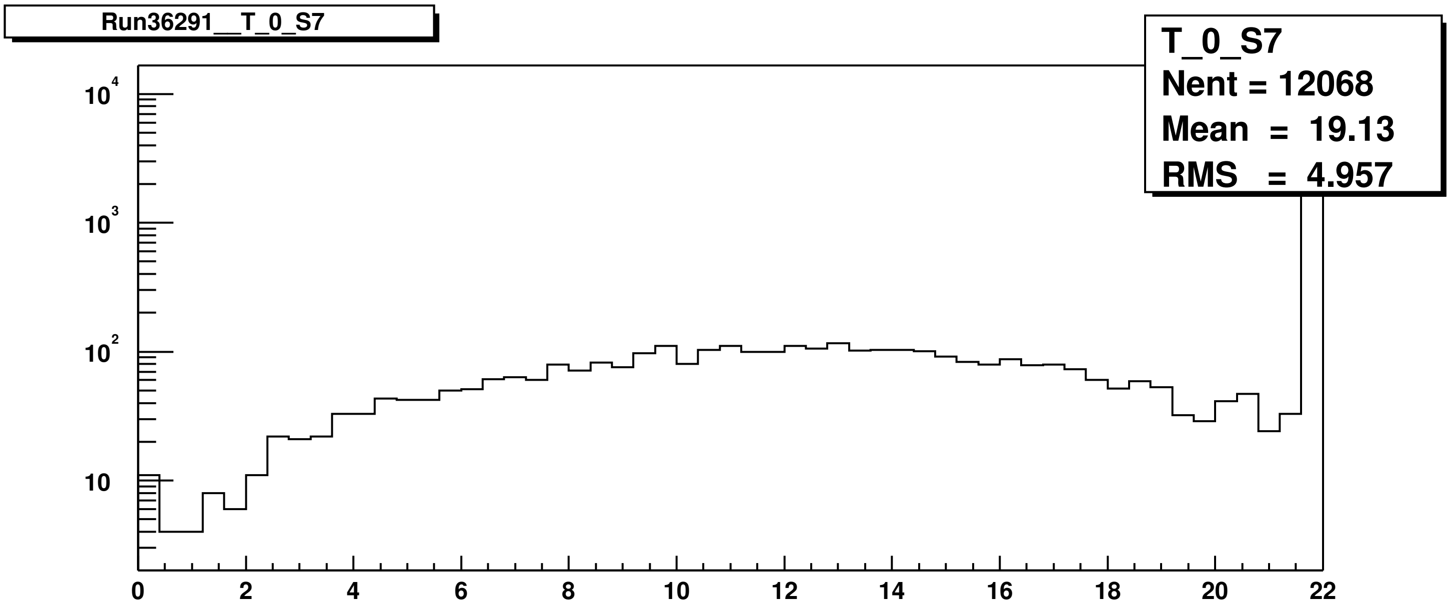

Run36291__T_cut_S6
T_cut_S6
Nent = 1438
Mean = 10.69
RMS = 4.072
Chi2 / ndf = 51.8 / 43
Prob = 0.1687
Constant = 53.94 ± 1.849
Mean = 10.81 ± 0.1308
Sigma = 4.139 ± 0.1048
0 2 4 6 8 10 12 14 16 18 20 22
1 10 10^2

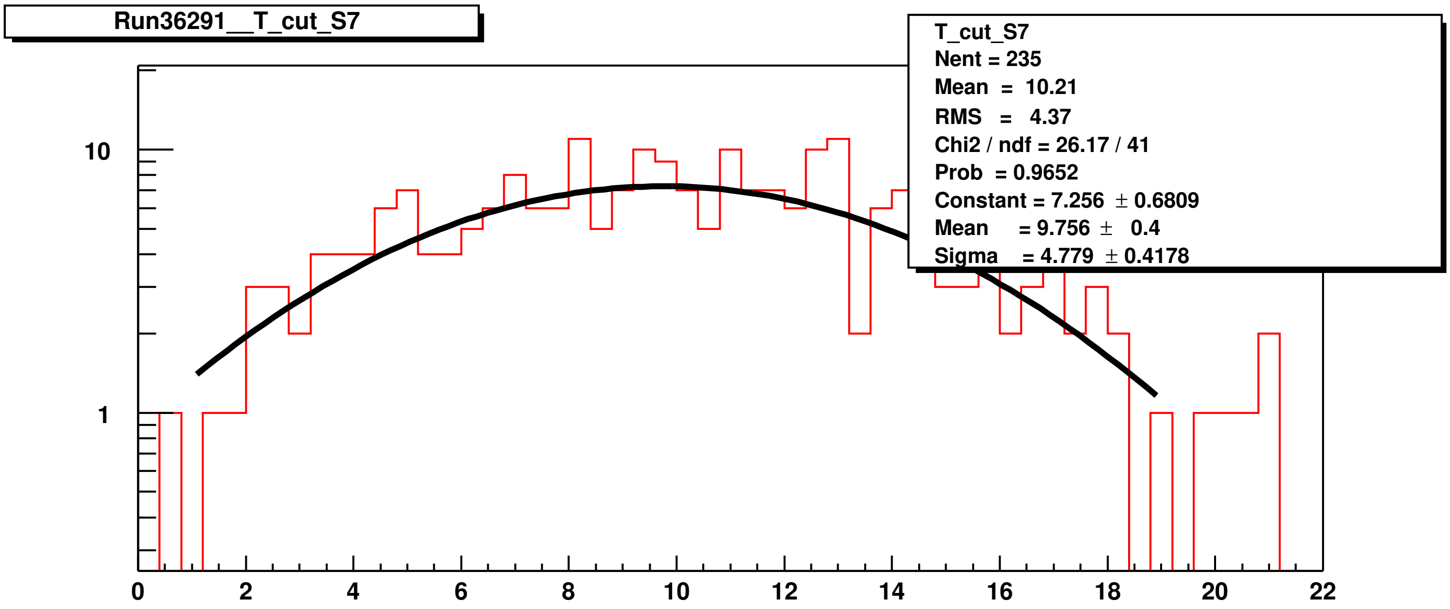

Run36291__T_0_S6
T_0_S6
Nent = 12068
Mean = 19.38
RMS = 4.536
0 2 4 6 8 10 12 14 16 18 20 22
1 10 10^2 10^3 10^4

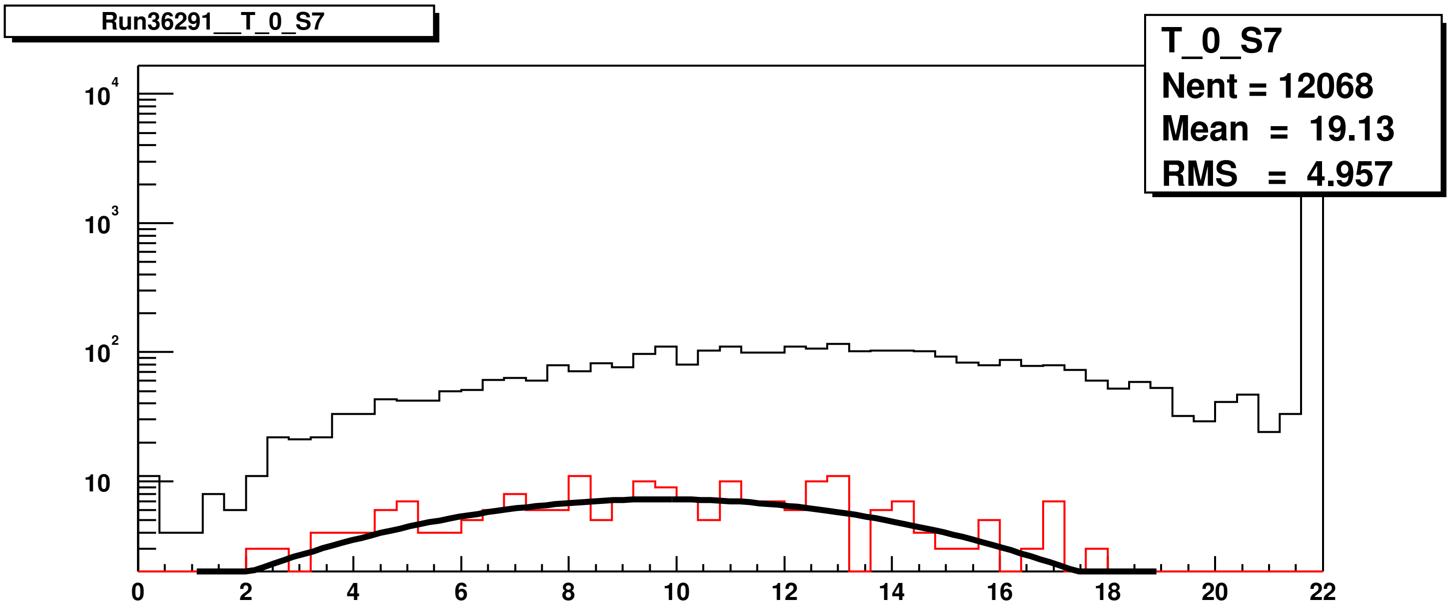

Run36291__Q_0_S7
Q_0_S7
Nent = 12068
Mean = 1072
RMS = 738.2
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

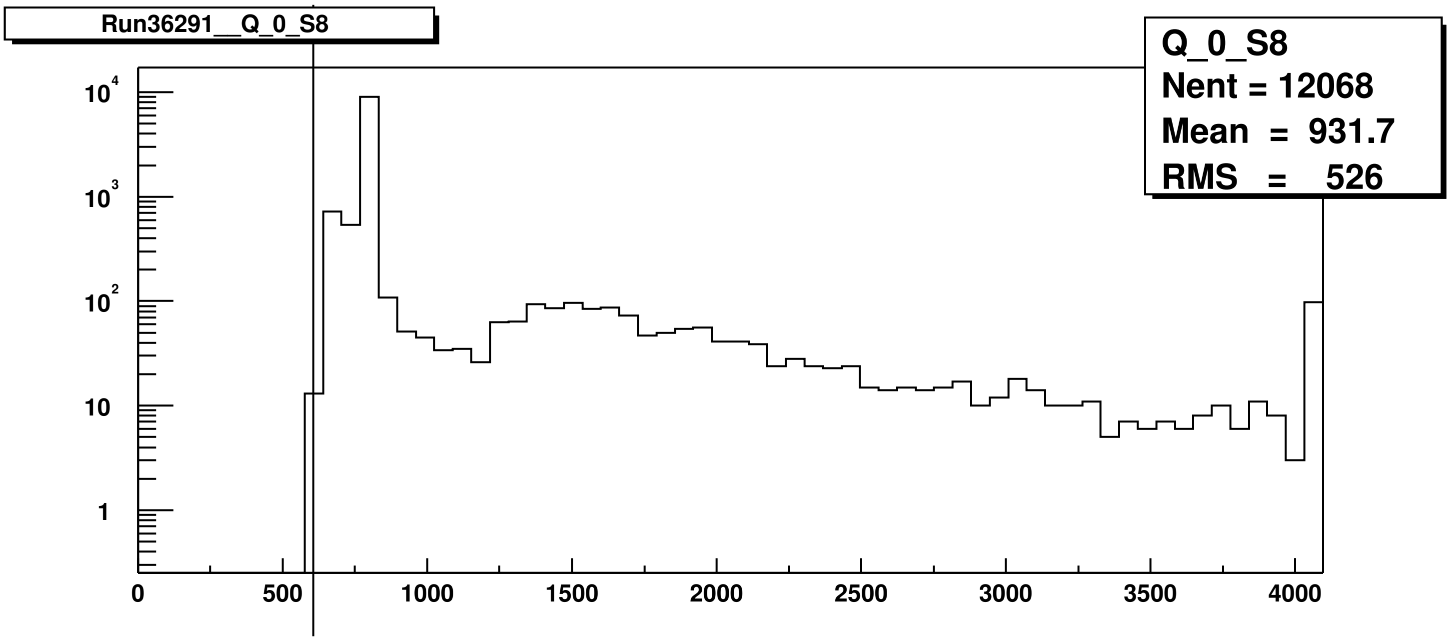

Run36291__Q_cut_S7
Q_cut_S7
Nent = 235
Mean = 2758
RMS = 782.4
Chi2 / ndf = 35.51 / 34
Prob = 0.4045
Constant = 6.878 ± 0.7868
Mean = 2264 ± 94.34
Sigma = 741.3 ± 117.8
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

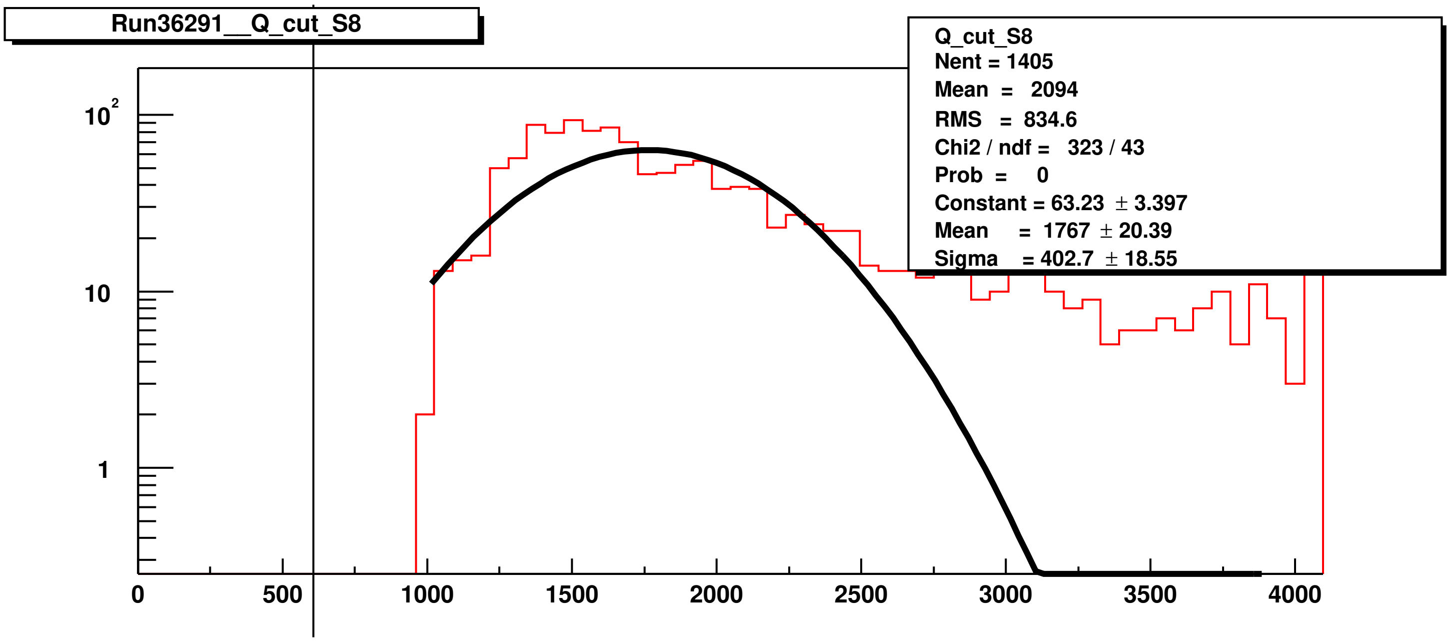

Run36291__Q_0_S7
Q_0_S7
Nent = 12068
Mean = 1072
RMS = 738.2
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

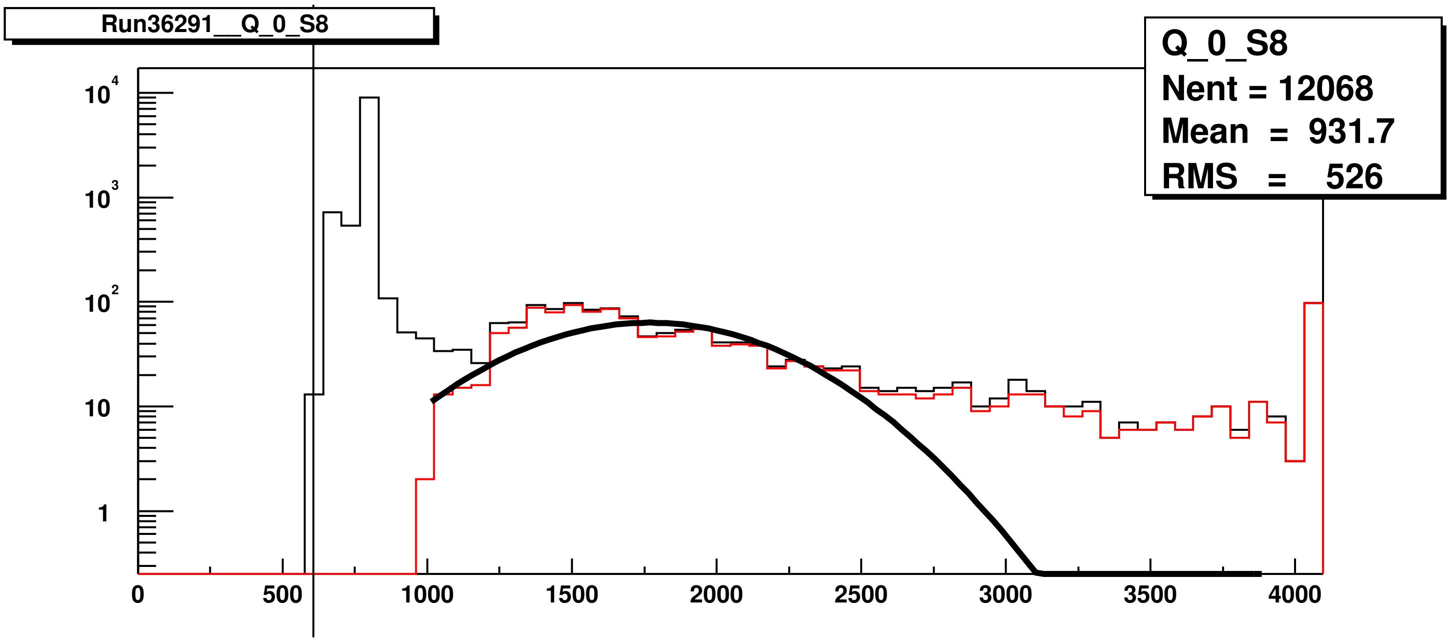

Run36291__T_0_S7
T_0_S7
Nent = 12068
Mean = 19.13
RMS = 4.957
10^4
10^3
10^2
10
0 2 4 6 8 10 12 14 16 18 20 22

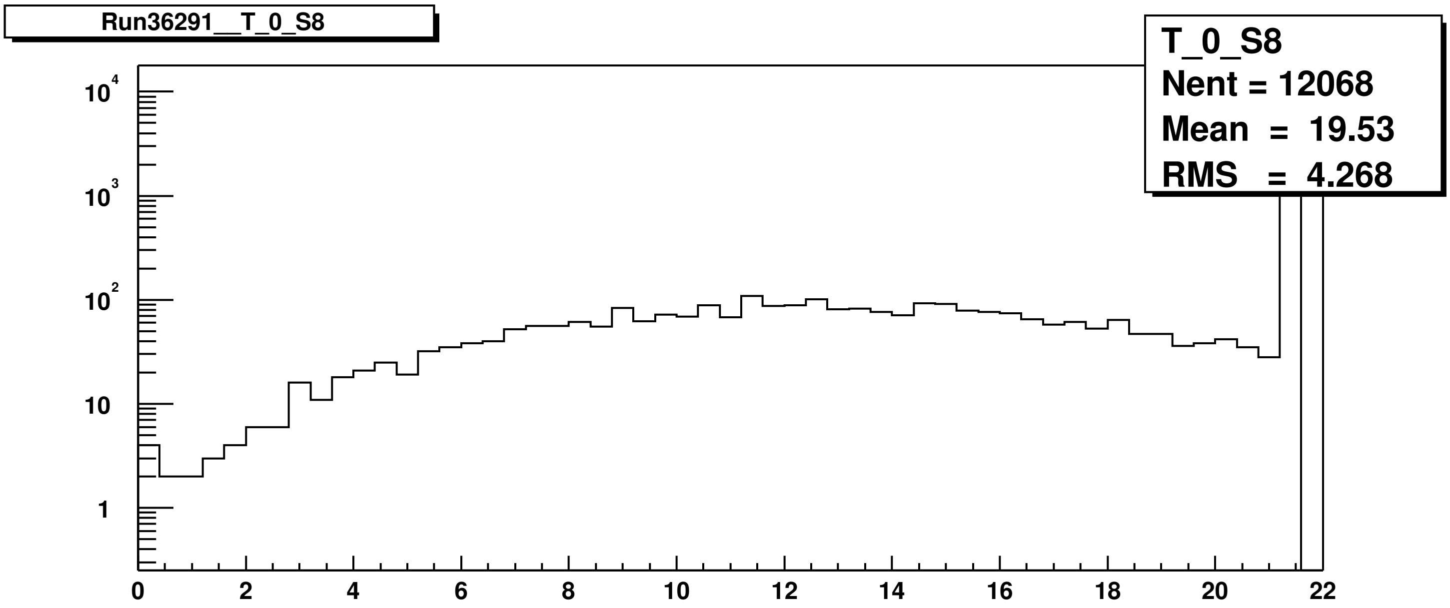

Run36291__T_cut_S7
T_cut_S7
Nent = 235
Mean = 10.21
RMS = 4.37
Chi2 / ndf = 26.17 / 41
Prob = 0.9652
Constant = 7.256 ± 0.6809
Mean = 9.756 ± 0.4
Sigma = 4.779 ± 0.4178
10
1
0 2 4 6 8 10 12 14 16 18 20 22


Run36291__T_0_S7
T_0_S7
Nent = 12068
Mean = 19.13
RMS = 4.957
10^4
10^3
10^2
10
0 2 4 6 8 10 12 14 16 18 20 22

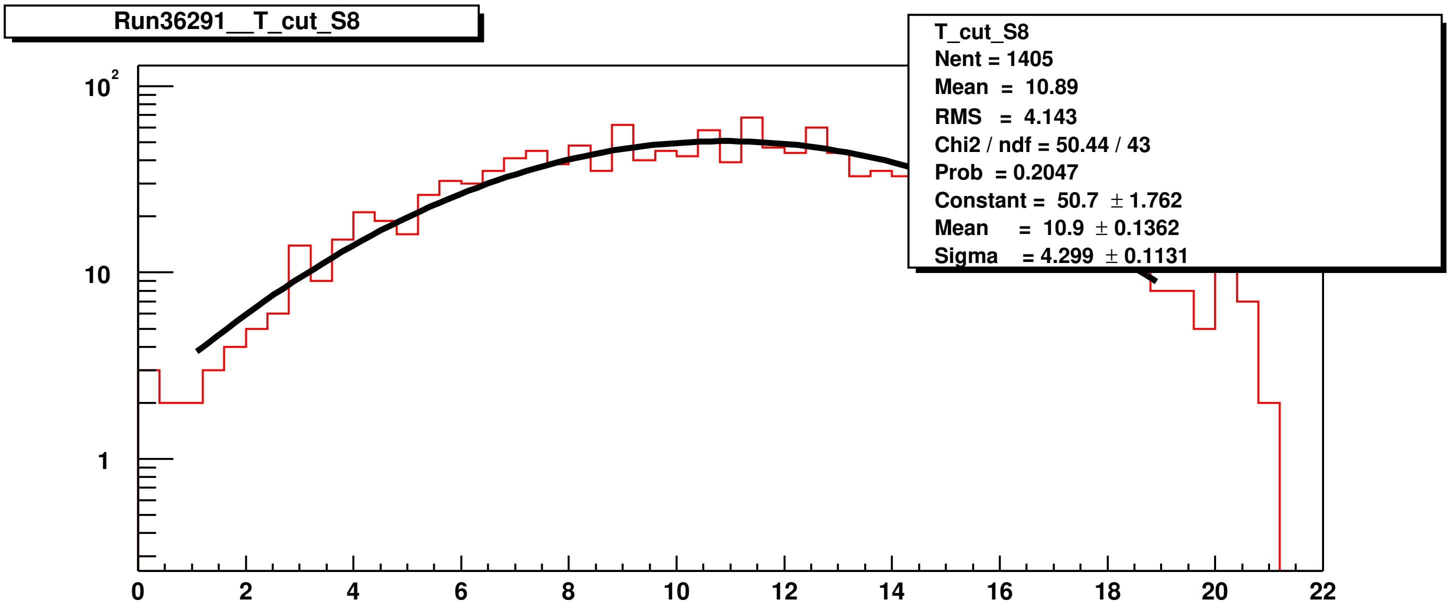

Run36291__Q_0_S8
Q_0_S8
Nent = 12068
Mean = 931.7
RMS = 526
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


Run36291__Q_cut_S8
Q_cut_S8
Nent = 1405
Mean = 2094
RMS = 834.6
Chi2 / ndf = 323 / 43
Prob = 0
Constant = 63.23 ± 3.397
Mean = 1767 ± 20.39
Sigma = 402.7 ± 18.55
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

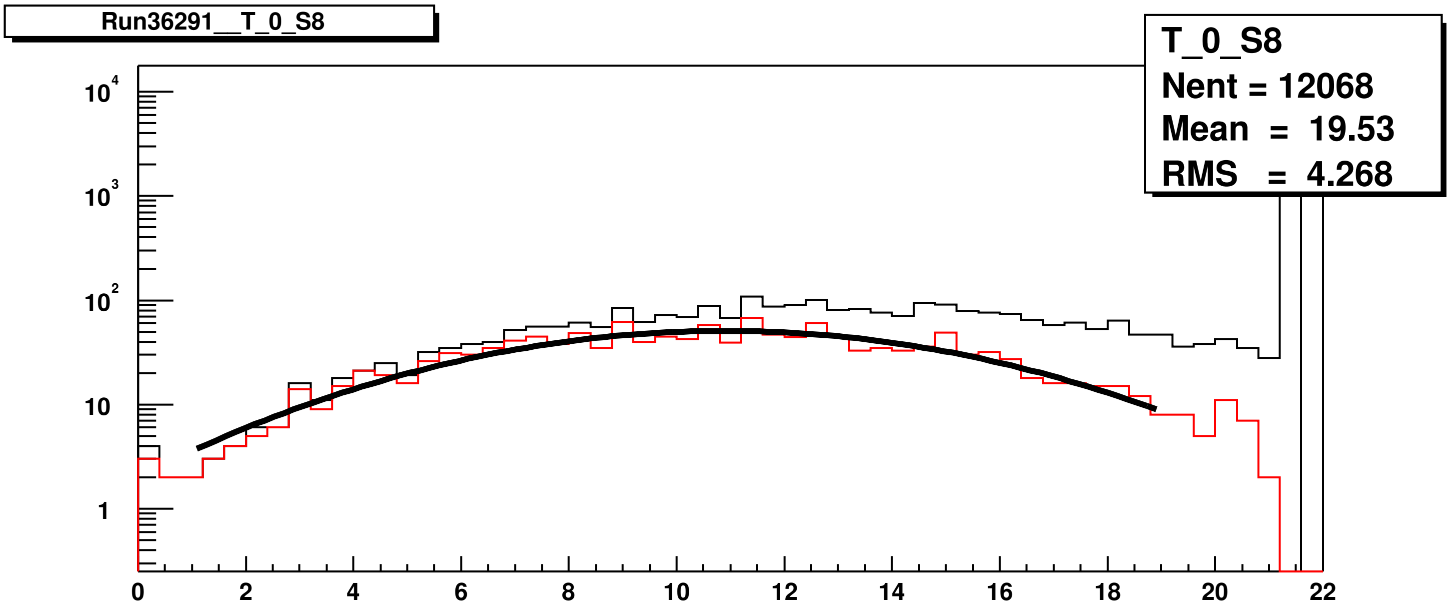

Run36291__Q_0_S8
Q_0_S8
Nent = 12068
Mean = 931.7
RMS = 526
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000



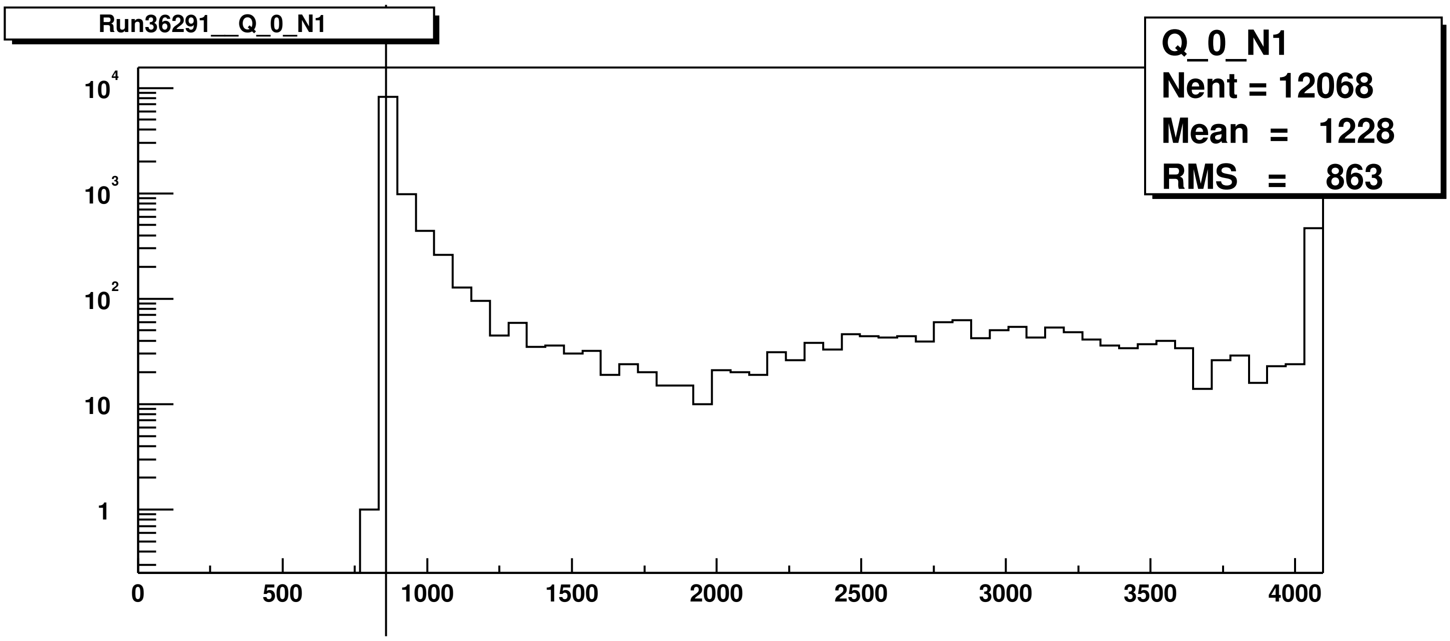
Run36291__T_0_S8
T_0_S8
Nent = 12068
Mean = 19.53
RMS = 4.268

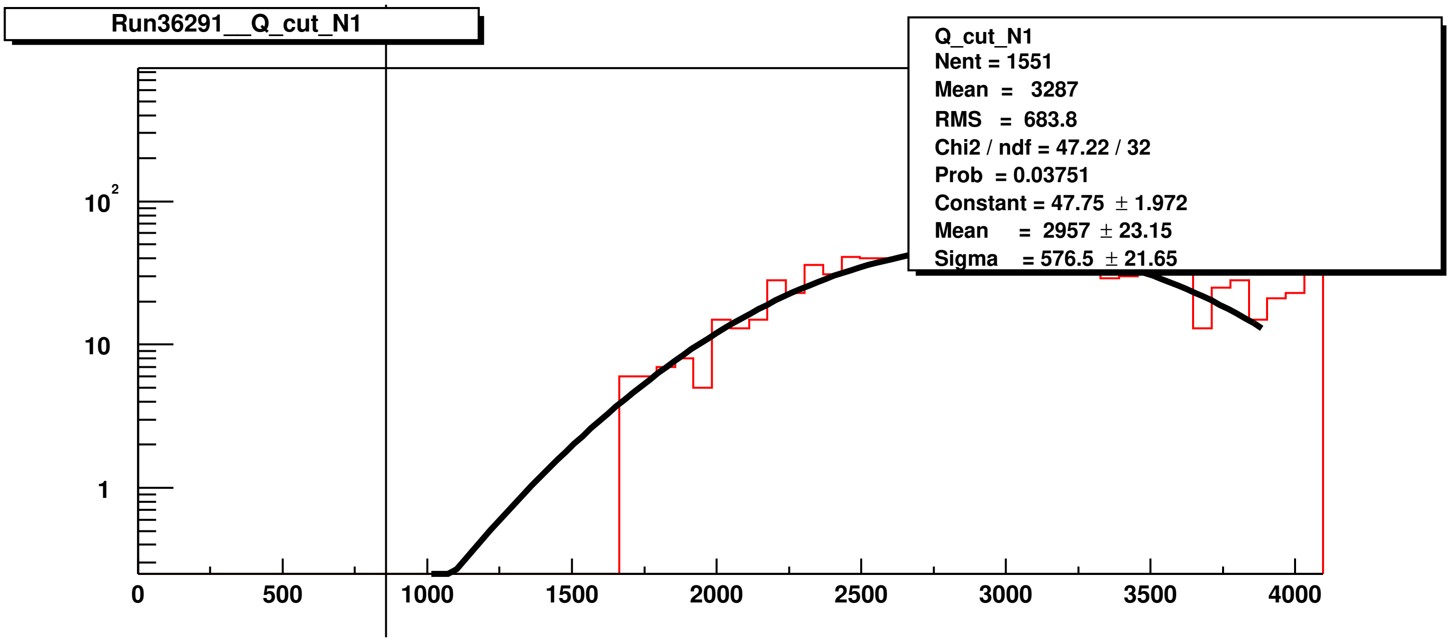


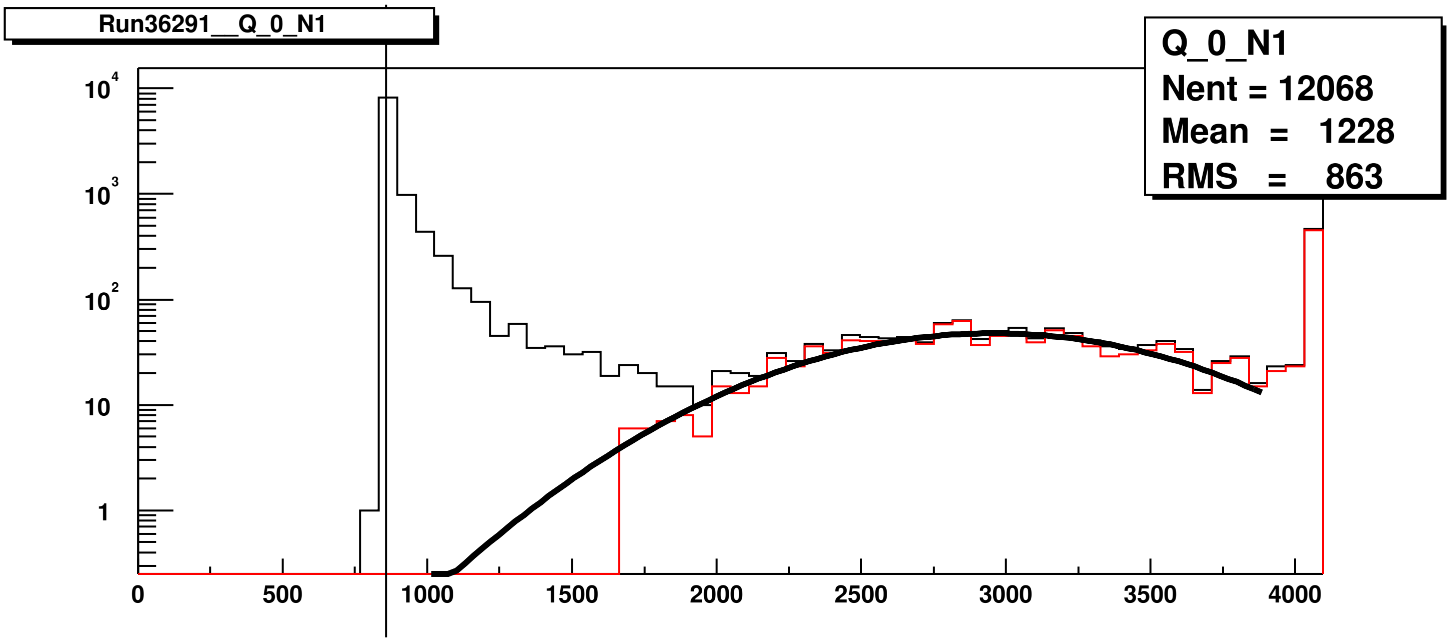
Run36291__T_cut_S8
T_cut_S8
Nent = 1405
Mean = 10.89
RMS = 4.143
Chi2 / ndf = 50.44 / 43
Prob = 0.2047
Constant = 50.7 ± 1.762
Mean = 10.9 ± 0.1362
Sigma = 4.299 ± 0.1131

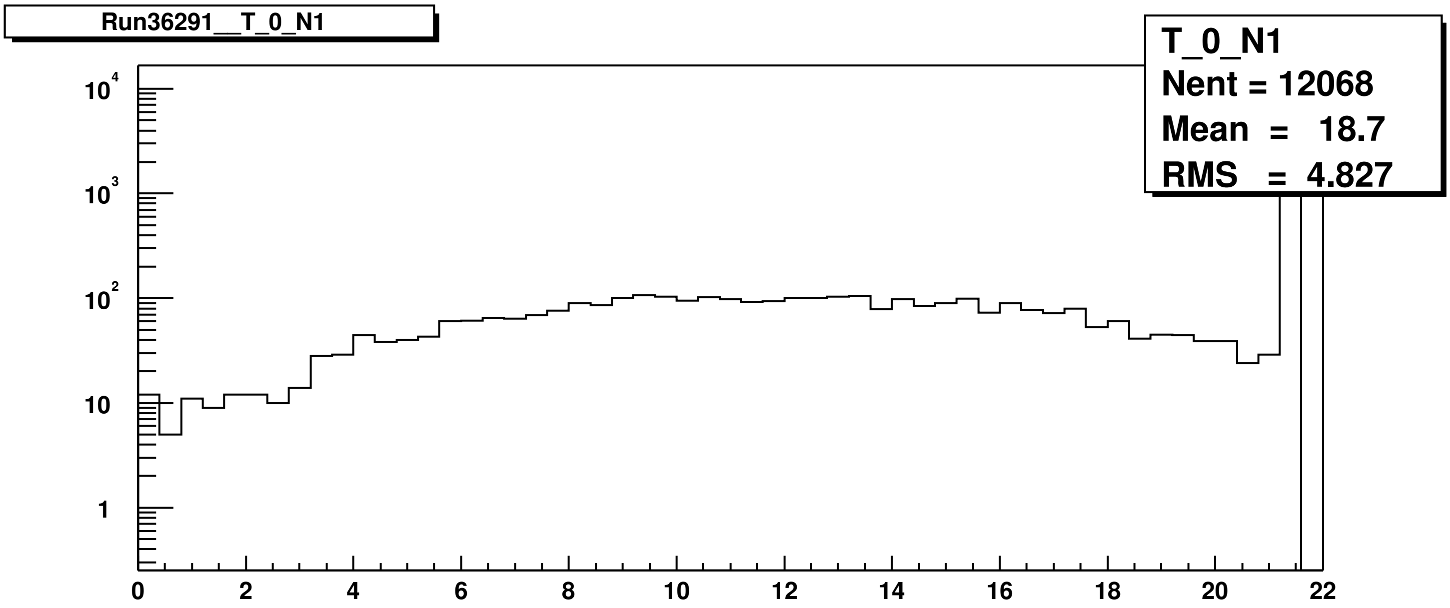


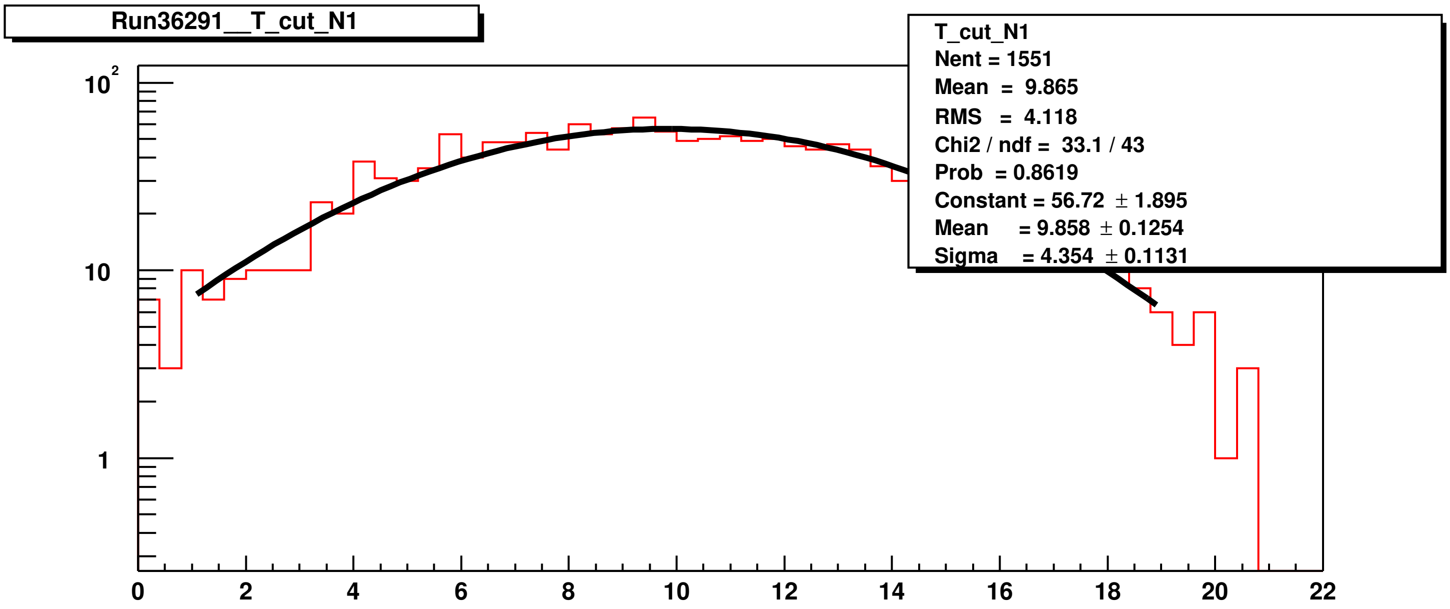
Run36291__T_0_S8
T_0_S8
Nent = 12068
Mean = 19.53
RMS = 4.268

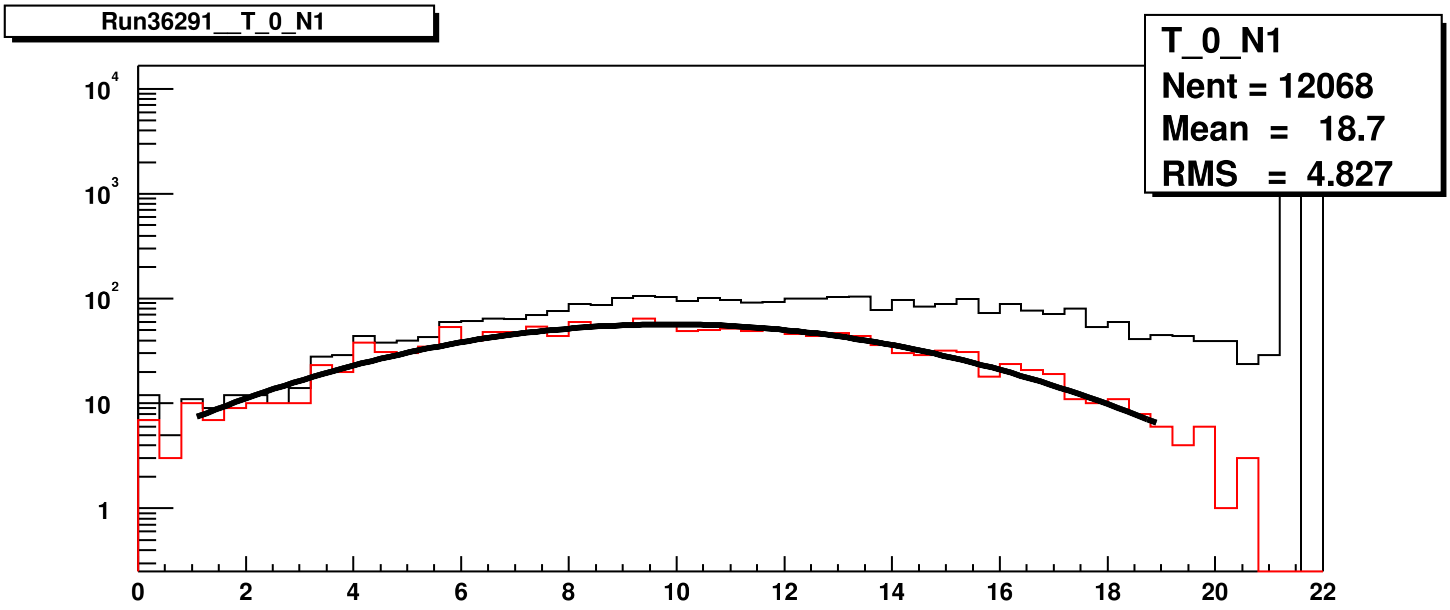

Run36291__Q_0_N1
Q_0_N1
Nent = 12068
Mean = 1228
RMS = 863

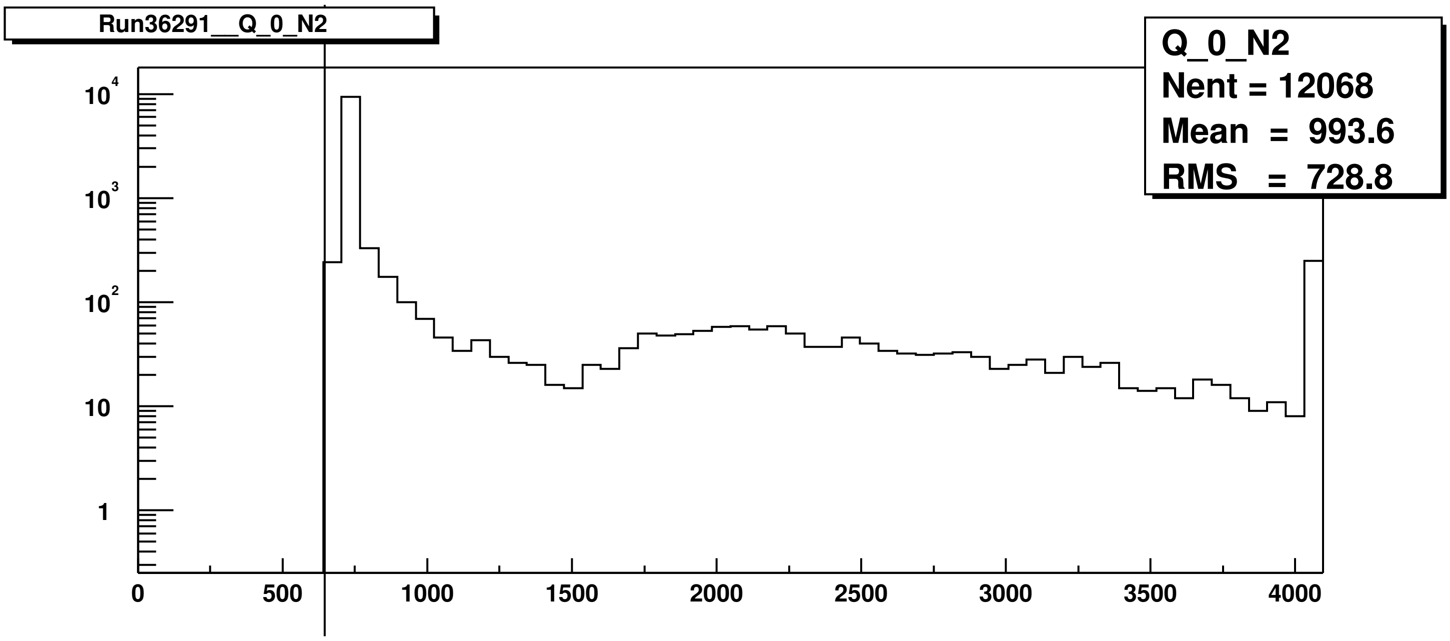

Run36291__Q_cut_N1
Q_cut_N1
Nent = 1551
Mean = 3287
RMS = 683.8
Chi2 / ndf = 47.22 / 32
Prob = 0.03751
Constant = 47.75 ± 1.972
Mean = 2957 ± 23.15
Sigma = 576.5 ± 21.65


Run36291__Q_0_N1
Q_0_N1
Nent = 12068
Mean = 1228
RMS = 863

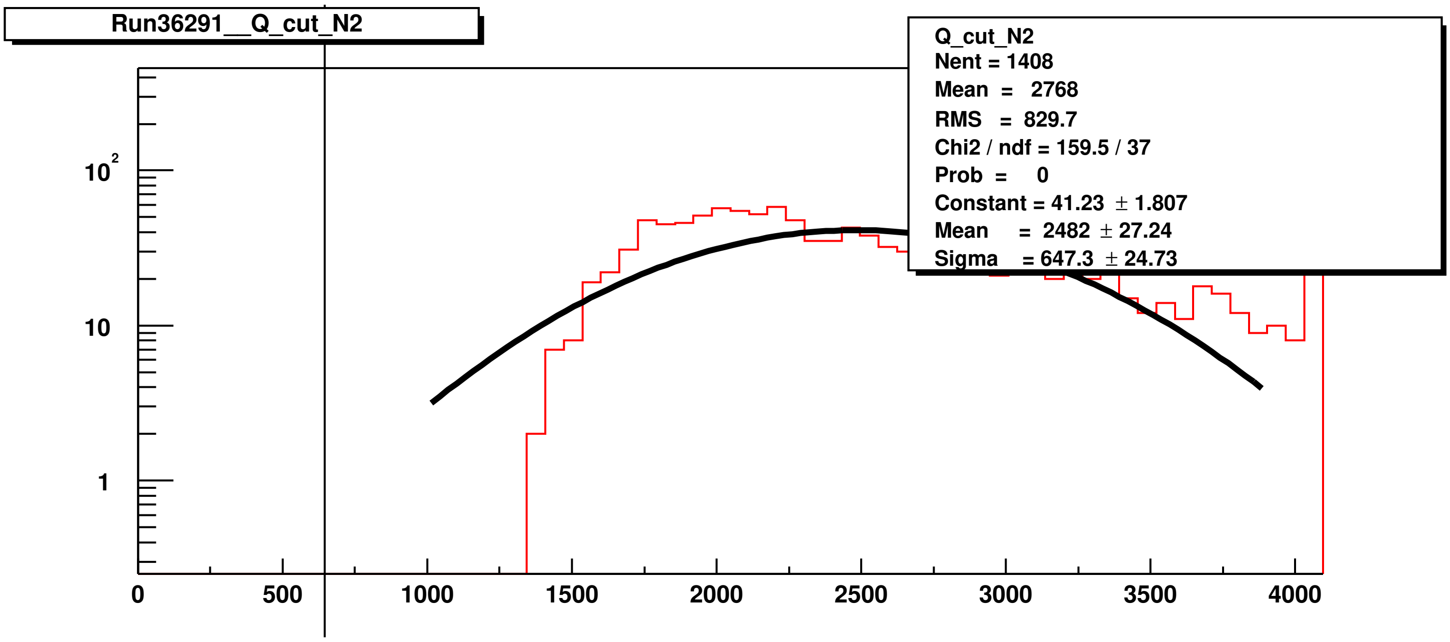

Run36291__T_0_N1
T_0_N1
Nent = 12068
Mean = 18.7
RMS = 4.827
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22


Run36291__T_cut_N1
T_cut_N1
Nent = 1551
Mean = 9.865
RMS = 4.118
Chi2 / ndf = 33.1 / 43
Prob = 0.8619
Constant = 56.72 ± 1.895
Mean = 9.858 ± 0.1254
Sigma = 4.354 ± 0.1131
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

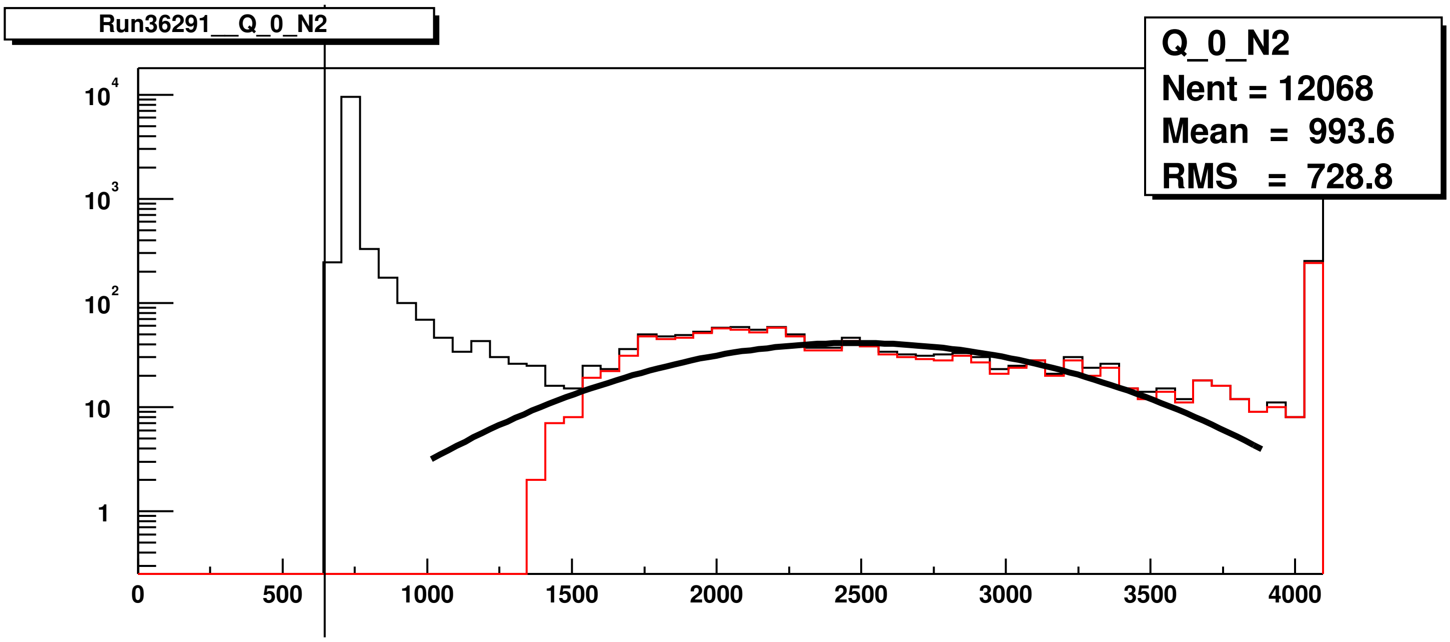

Run36291__T_0_N1
T_0_N1
Nent = 12068
Mean = 18.7
RMS = 4.827
10^4
10^3
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22



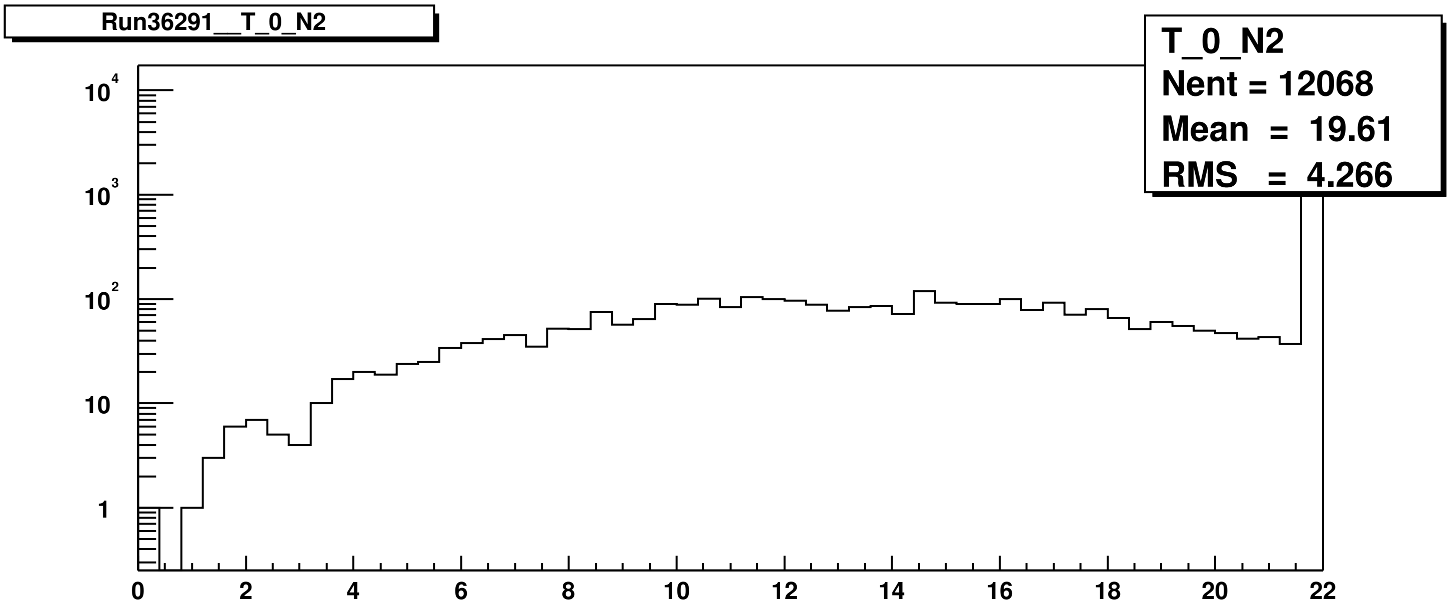
Run36291__Q_0_N2
Q_0_N2
Nent = 12068
Mean = 993.6
RMS = 728.8

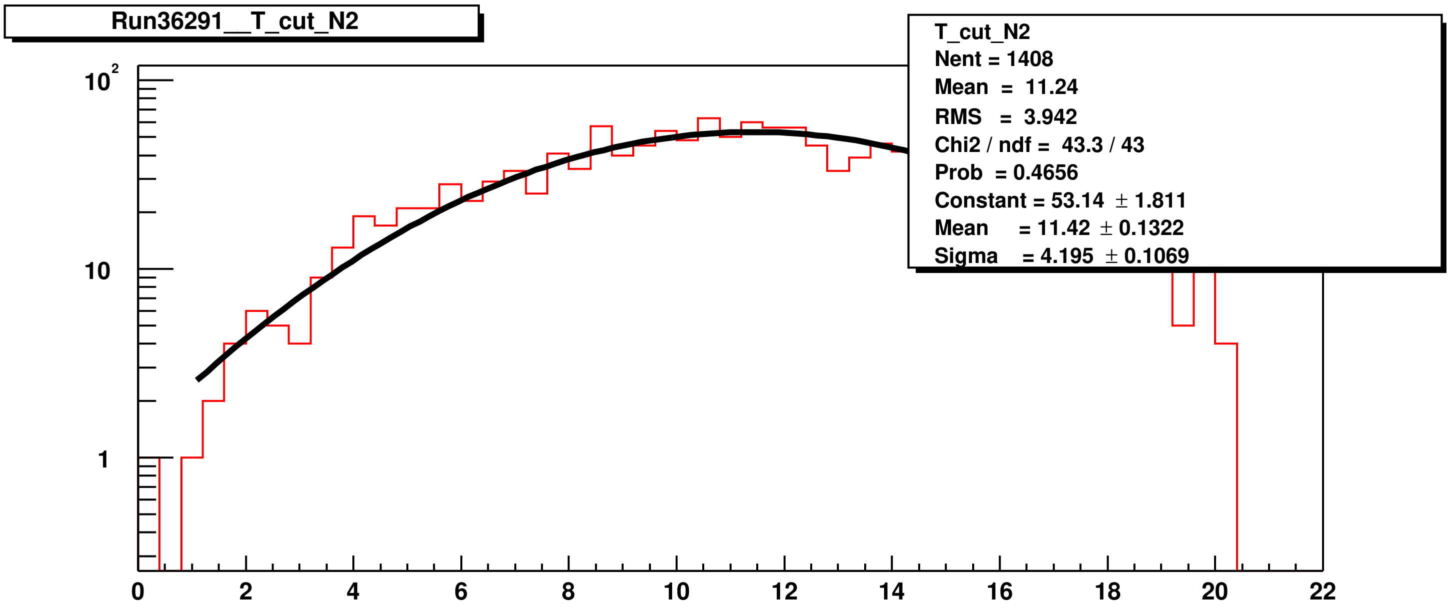


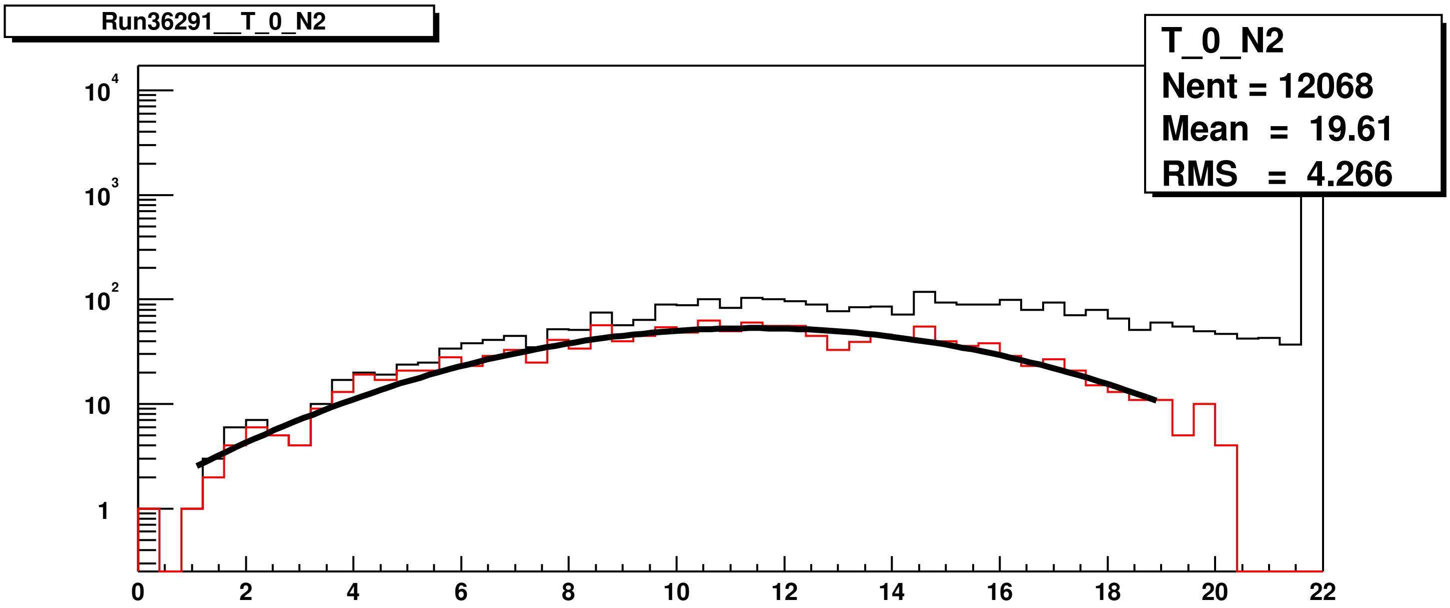
Run36291__Q_cut_N2
Q_cut_N2
Nent = 1408
Mean = 2768
RMS = 829.7
Chi2 / ndf = 159.5 / 37
Prob = 0
Constant = 41.23 ± 1.807
Mean = 2482 ± 27.24
Sigma = 647.3 ± 24.73

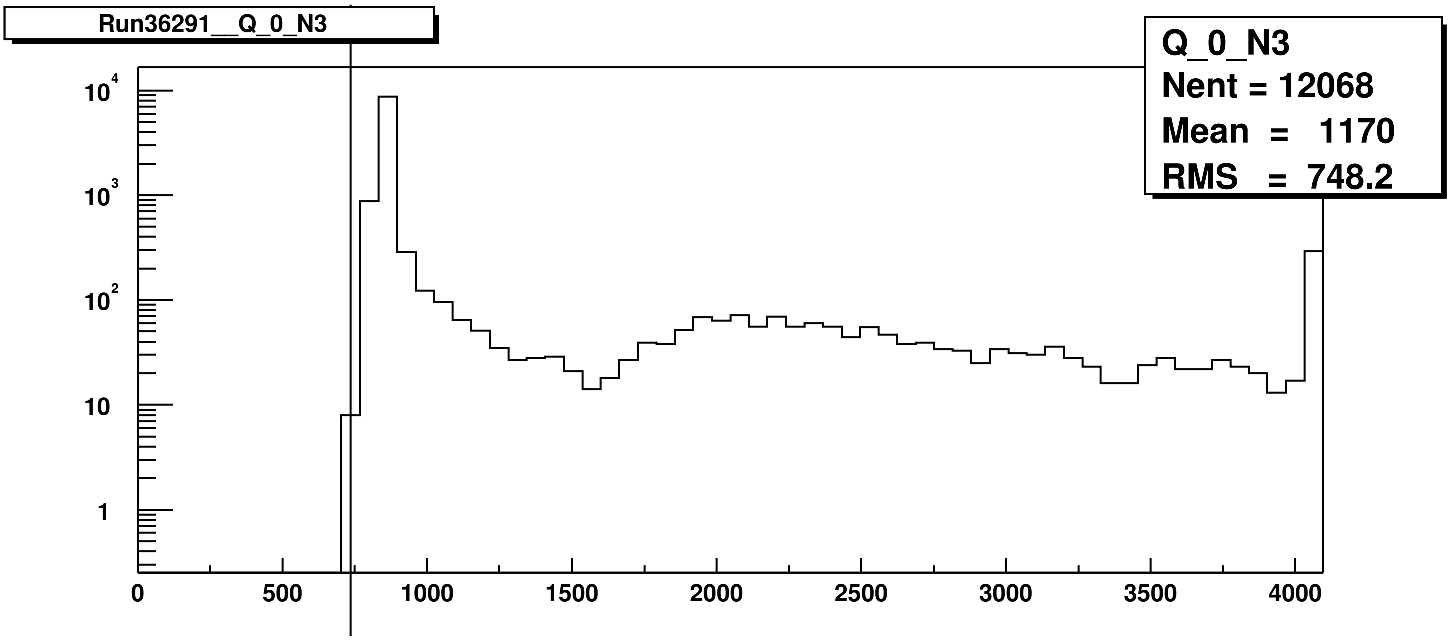


Run36291__Q_0_N2
Q_0_N2
Nent = 12068
Mean = 993.6
RMS = 728.8

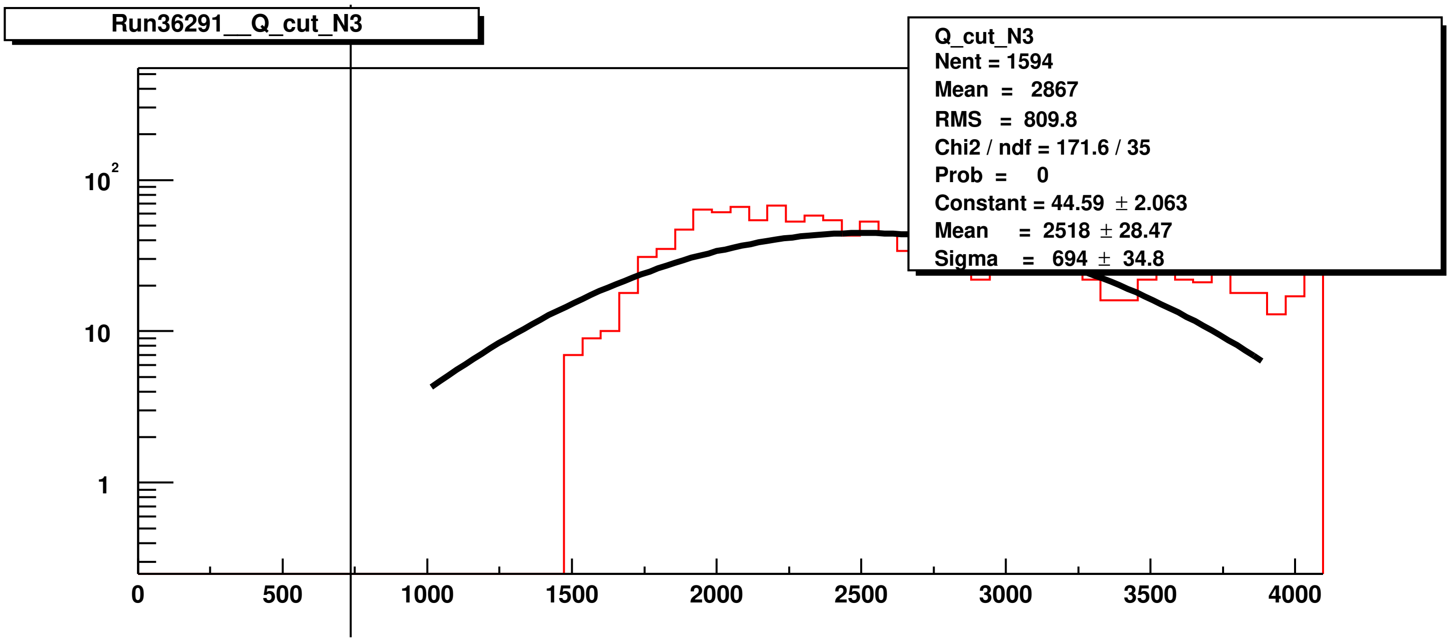

Run36291__T_0_N2
T_0_N2
Nent = 12068
Mean = 19.61
RMS = 4.266
10^4
10^3
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22


Run36291__T_cut_N2
T_cut_N2
Nent = 1408
Mean = 11.24
RMS = 3.942
Chi2 / ndf = 43.3 / 43
Prob = 0.4656
Constant = 53.14 ± 1.811
Mean = 11.42 ± 0.1322
Sigma = 4.195 ± 0.1069
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

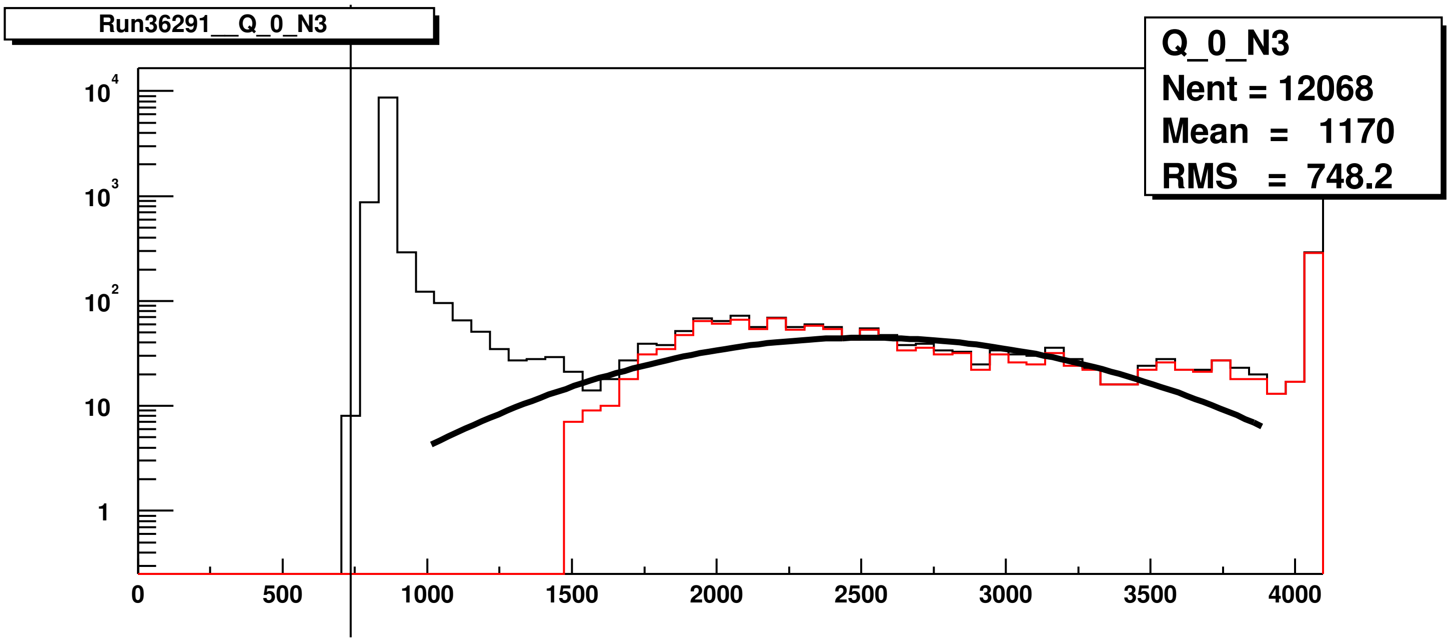

Run36291__T_0_N2
T_0_N2
Nent = 12068
Mean = 19.61
RMS = 4.266
10^4
10^3
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22



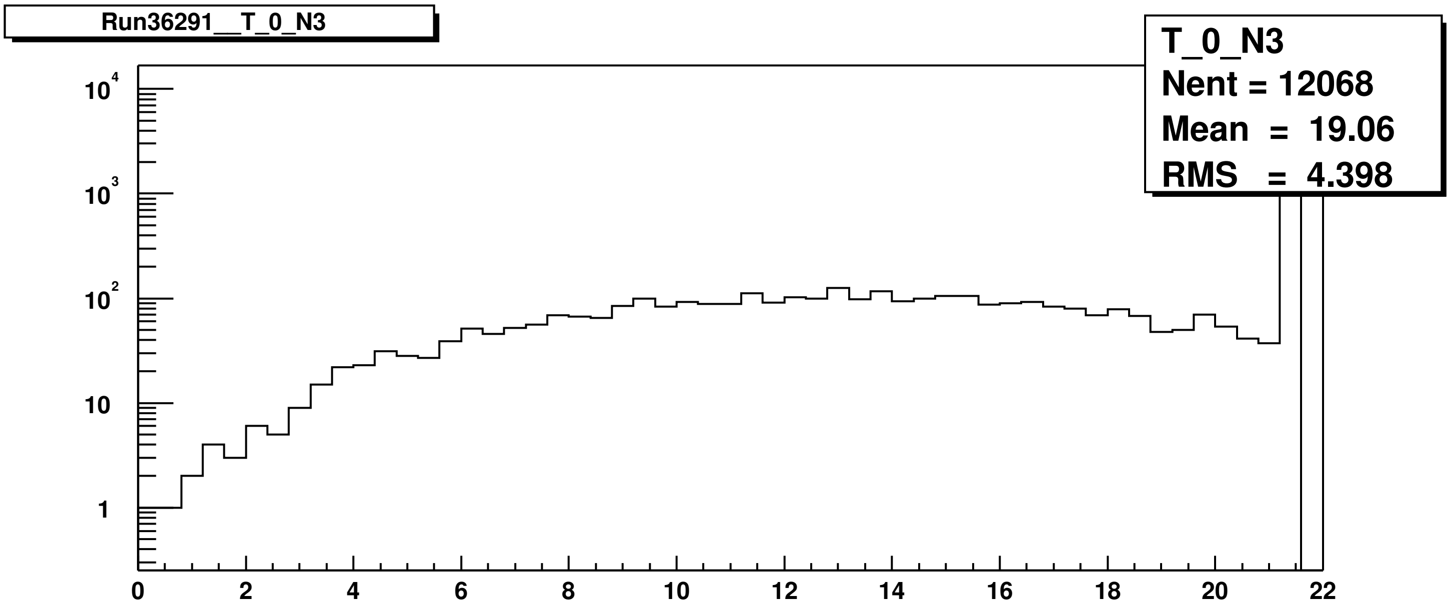
Run36291__Q_0_N3
Q_0_N3
Nent = 12068
Mean = 1170
RMS = 748.2
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

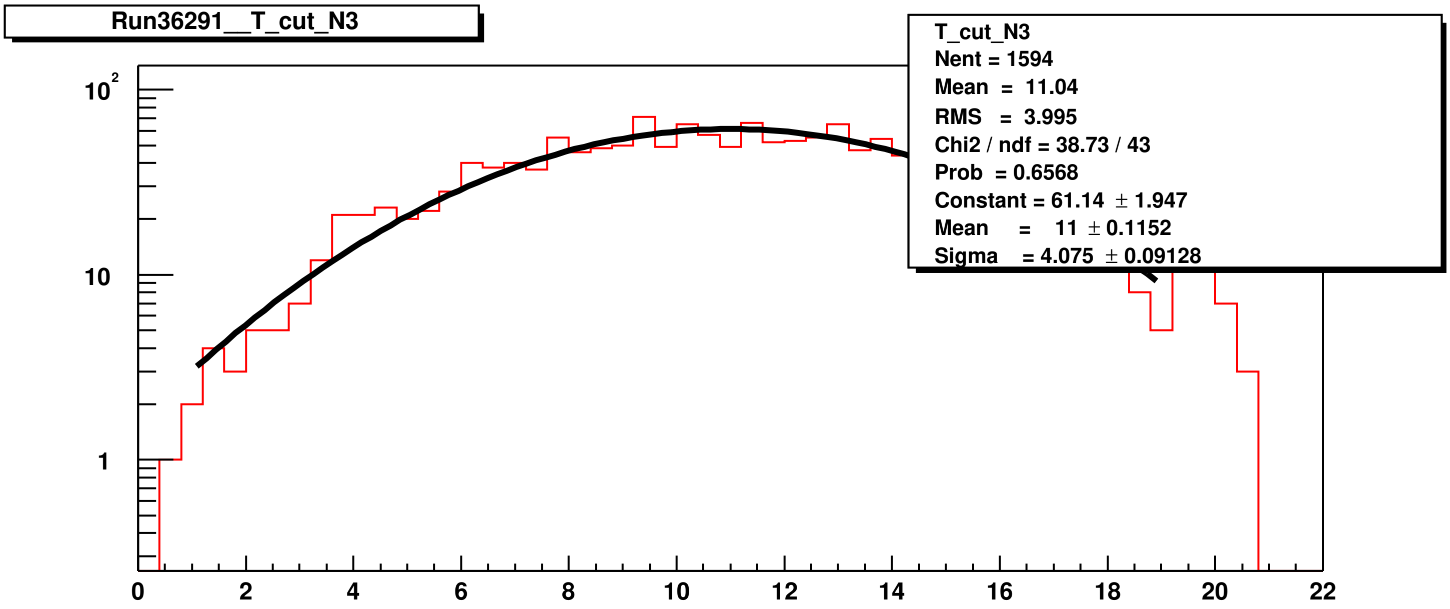


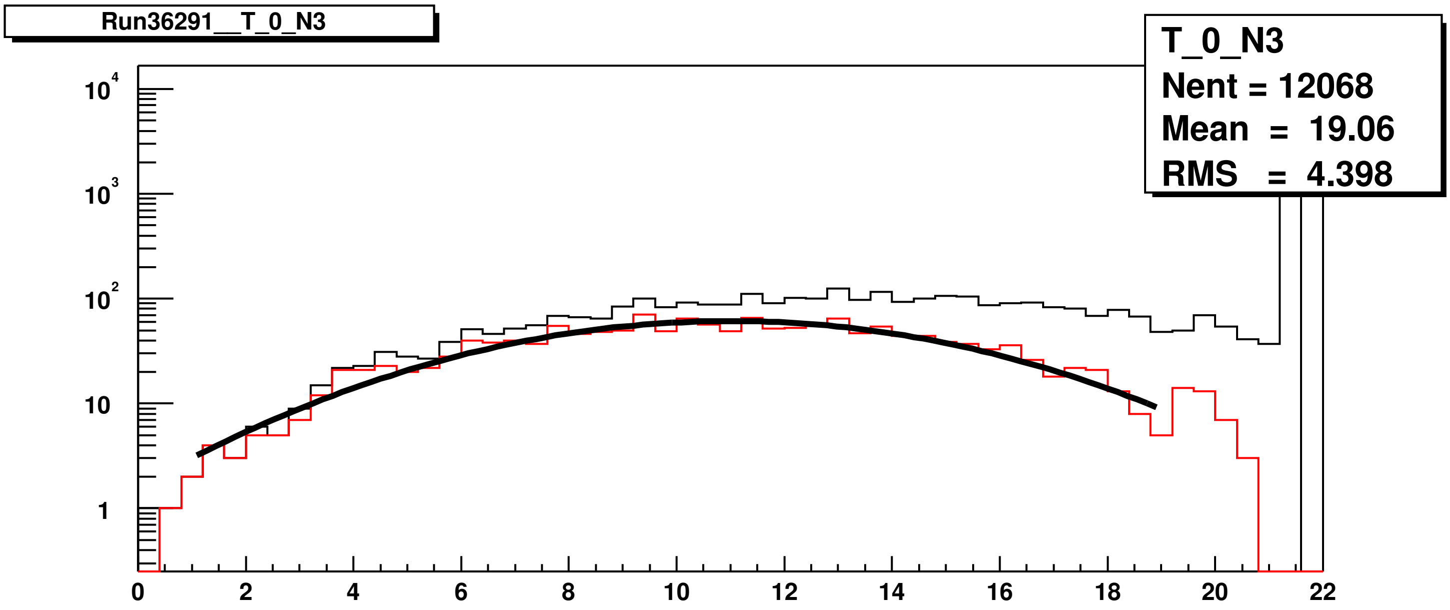
Run36291__Q_cut_N3
Q_cut_N3
Nent = 1594
Mean = 2867
RMS = 809.8
Chi2 / ndf = 171.6 / 35
Prob = 0
Constant = 44.59 ± 2.063
Mean = 2518 ± 28.47
Sigma = 694 ± 34.8
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

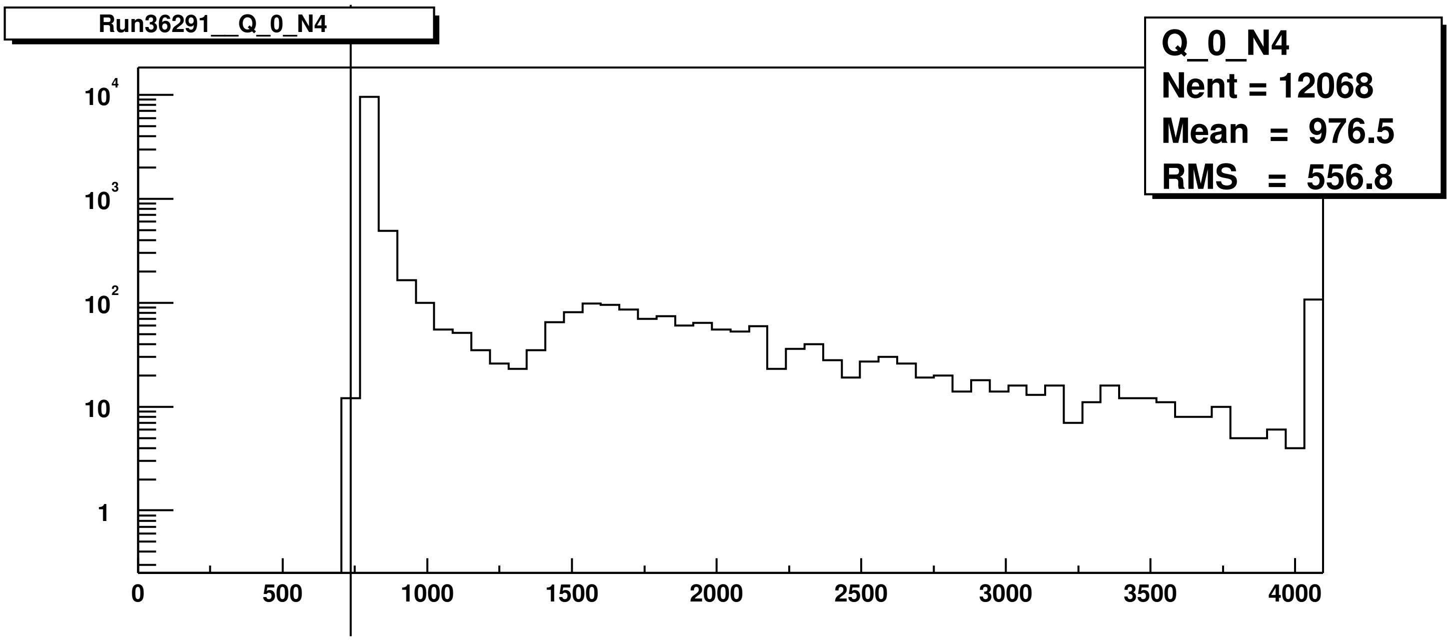


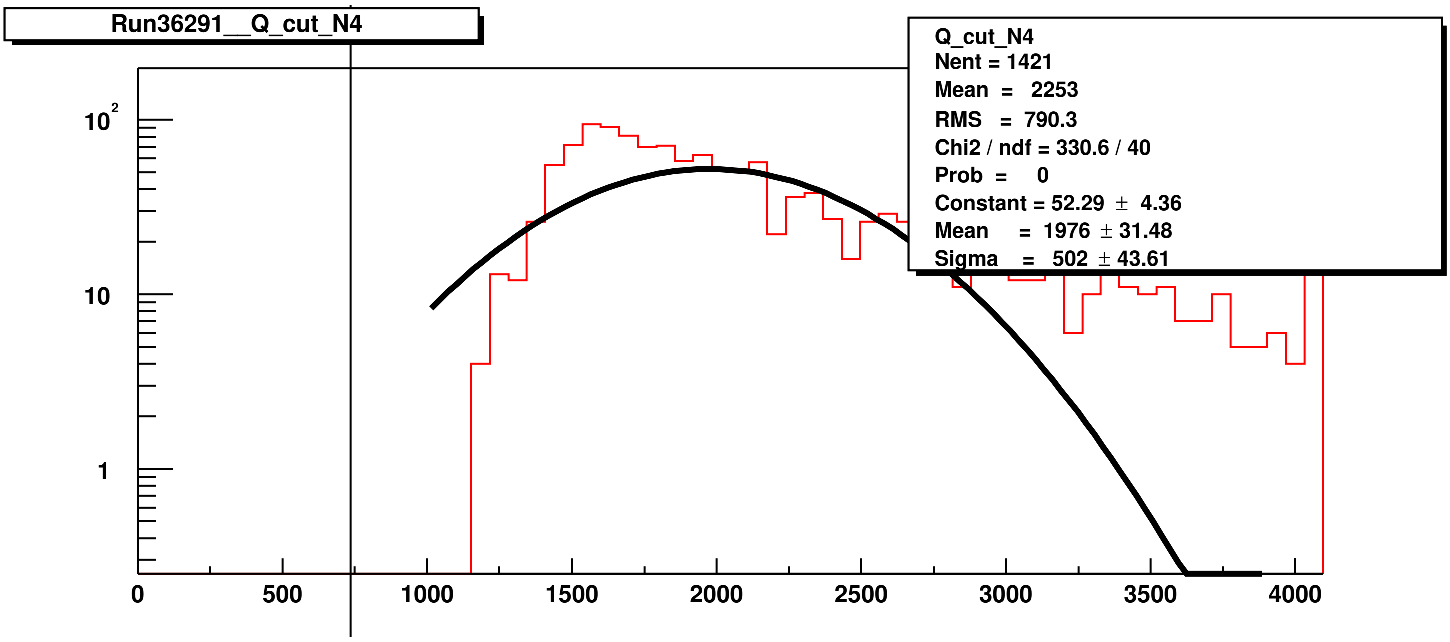
Run36291__Q_0_N3
Q_0_N3
Nent = 12068
Mean = 1170
RMS = 748.2
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

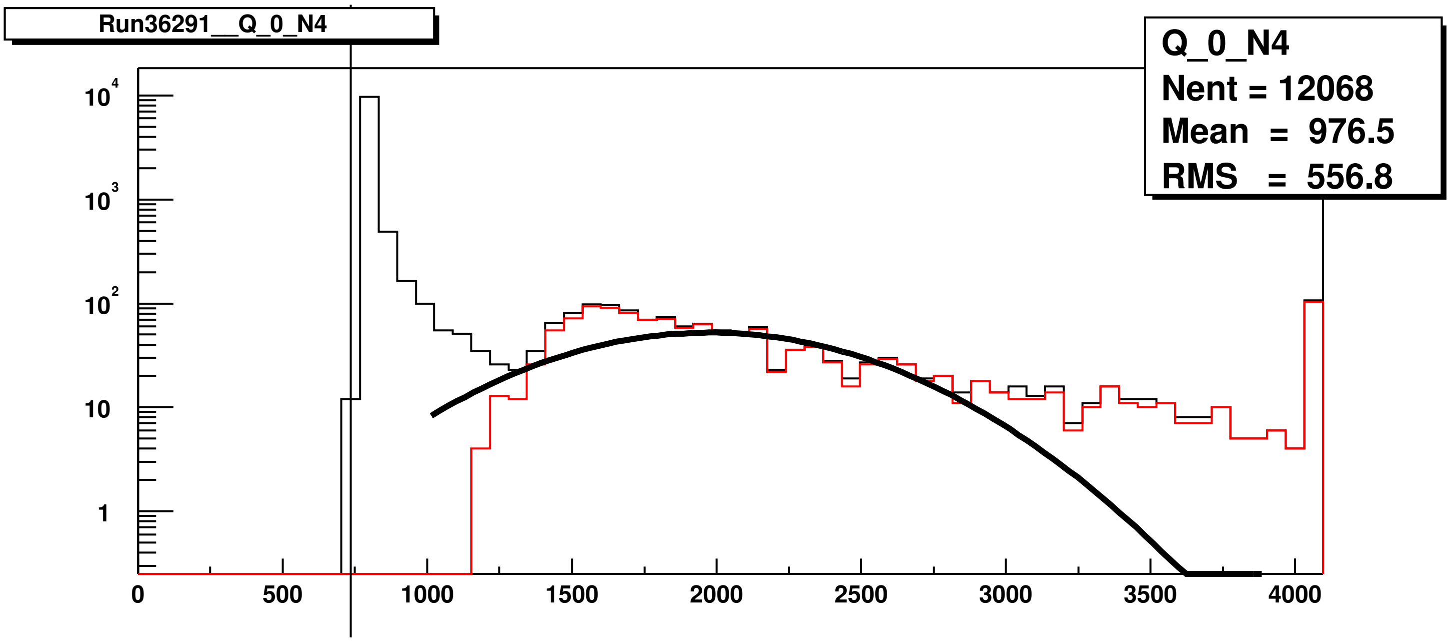

Run36291__T_0_N3
T_0_N3
Nent = 12068
Mean = 19.06
RMS = 4.398

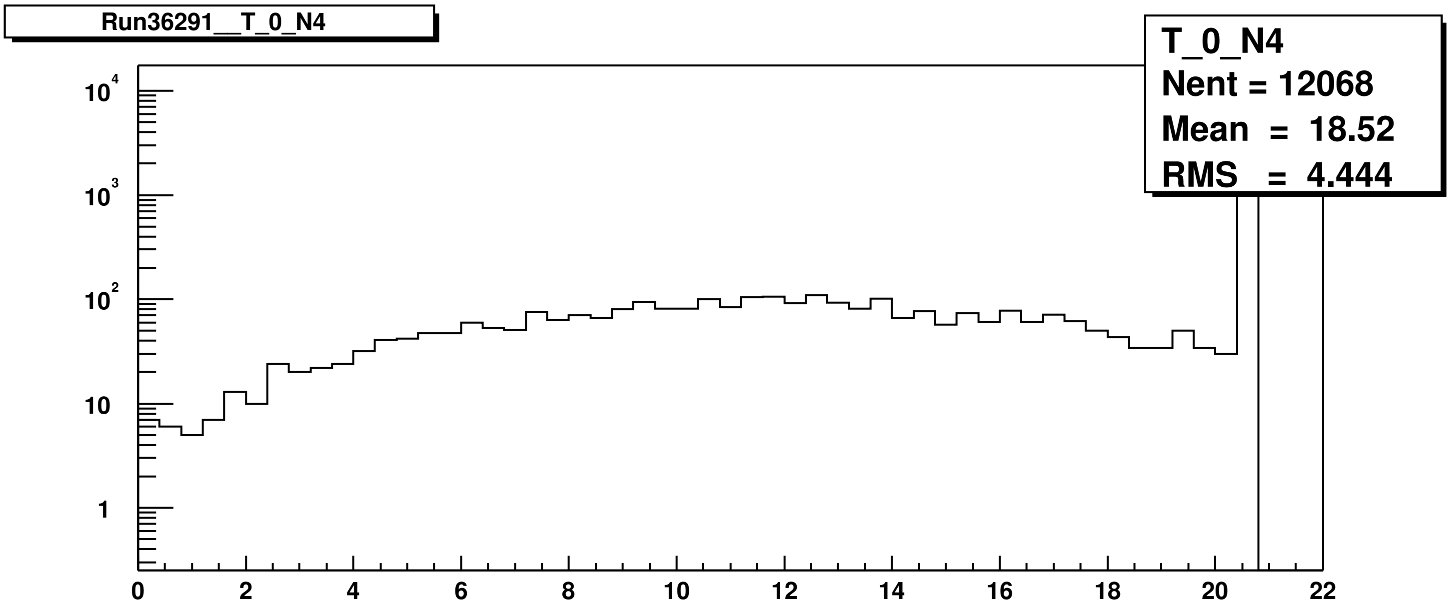

Run36291__T_cut_N3
T_cut_N3
Nent = 1594
Mean = 11.04
RMS = 3.995
Chi2 / ndf = 38.73 / 43
Prob = 0.6568
Constant = 61.14 ± 1.947
Mean = 11 ± 0.1152
Sigma = 4.075 ± 0.09128

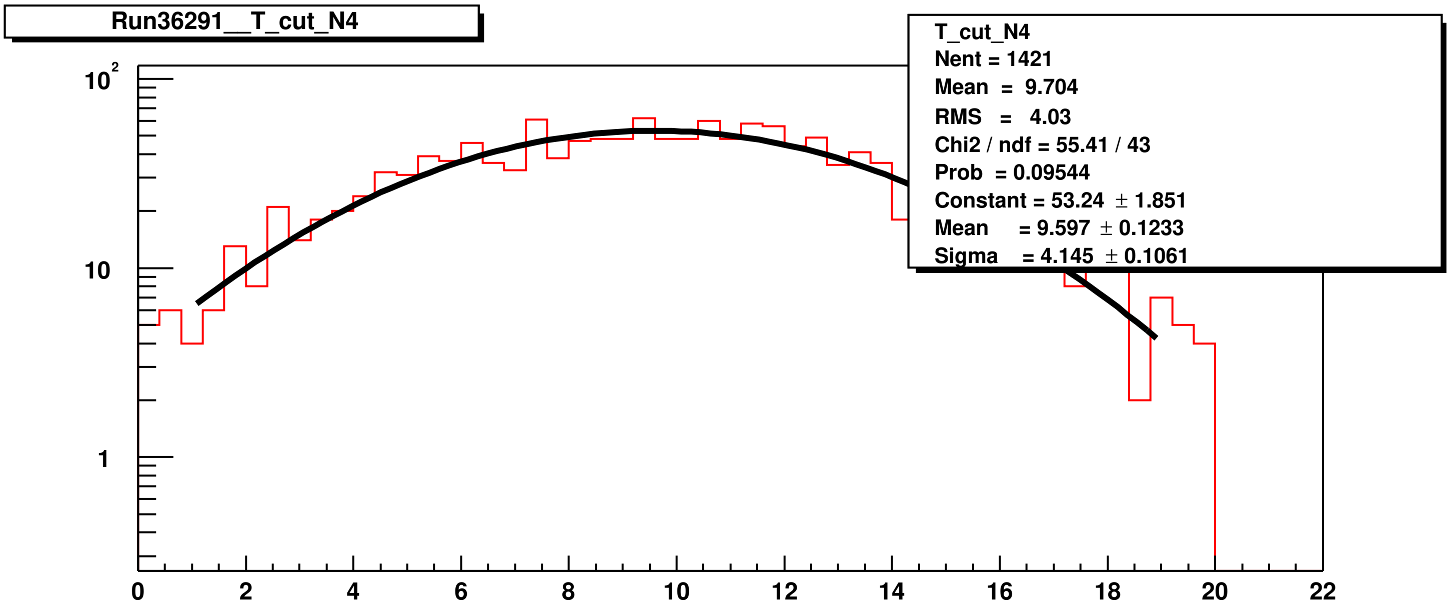

Run36291__T_0_N3
T_0_N3
Nent = 12068
Mean = 19.06
RMS = 4.398

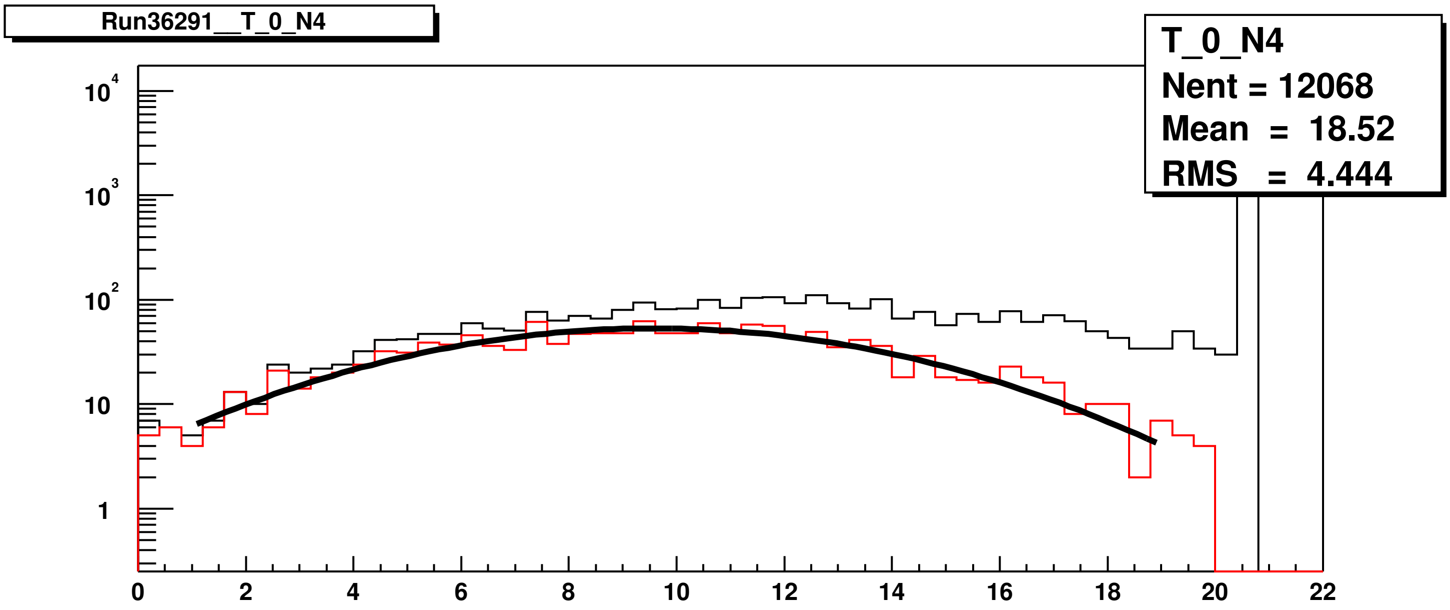

Run36291__Q_0_N4
Q_0_N4
Nent = 12068
Mean = 976.5
RMS = 556.8
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4

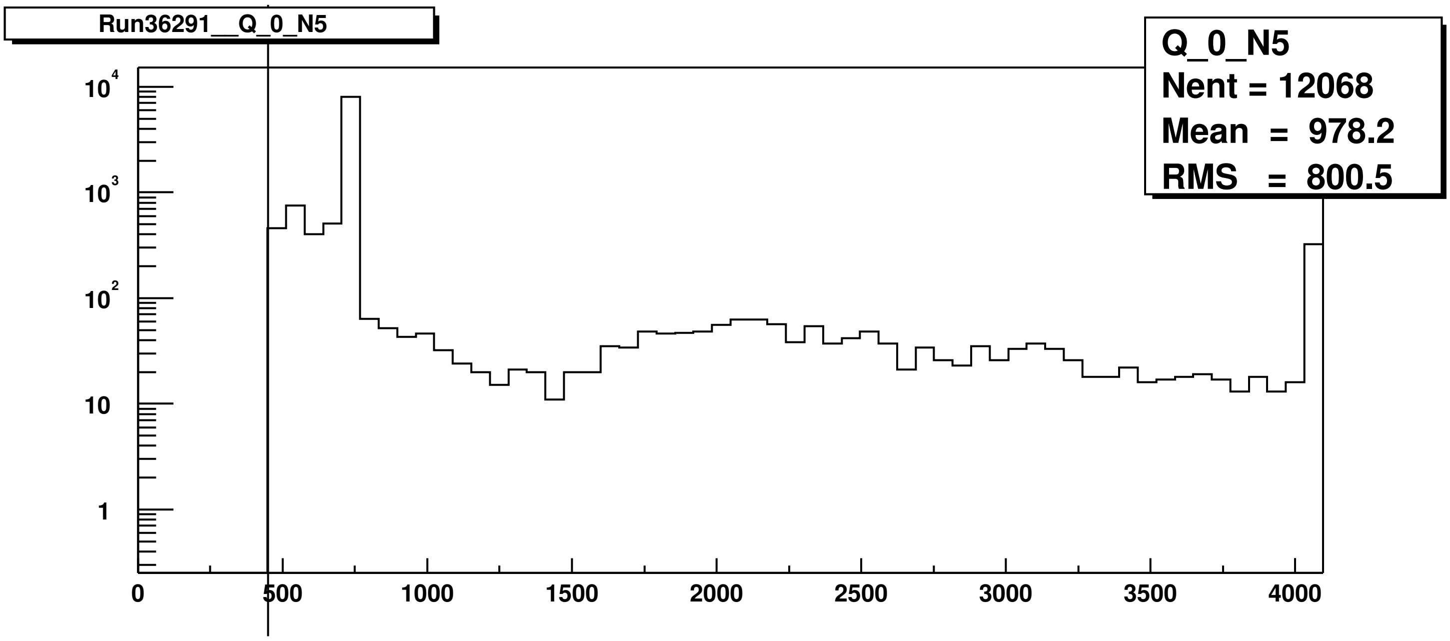

Run36291__Q_cut_N4
Q_cut_N4
Nent = 1421
Mean = 2253
RMS = 790.3
Chi2 / ndf = 330.6 / 40
Prob = 0
Constant = 52.29 ± 4.36
Mean = 1976 ± 31.48
Sigma = 502 ± 43.61
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2

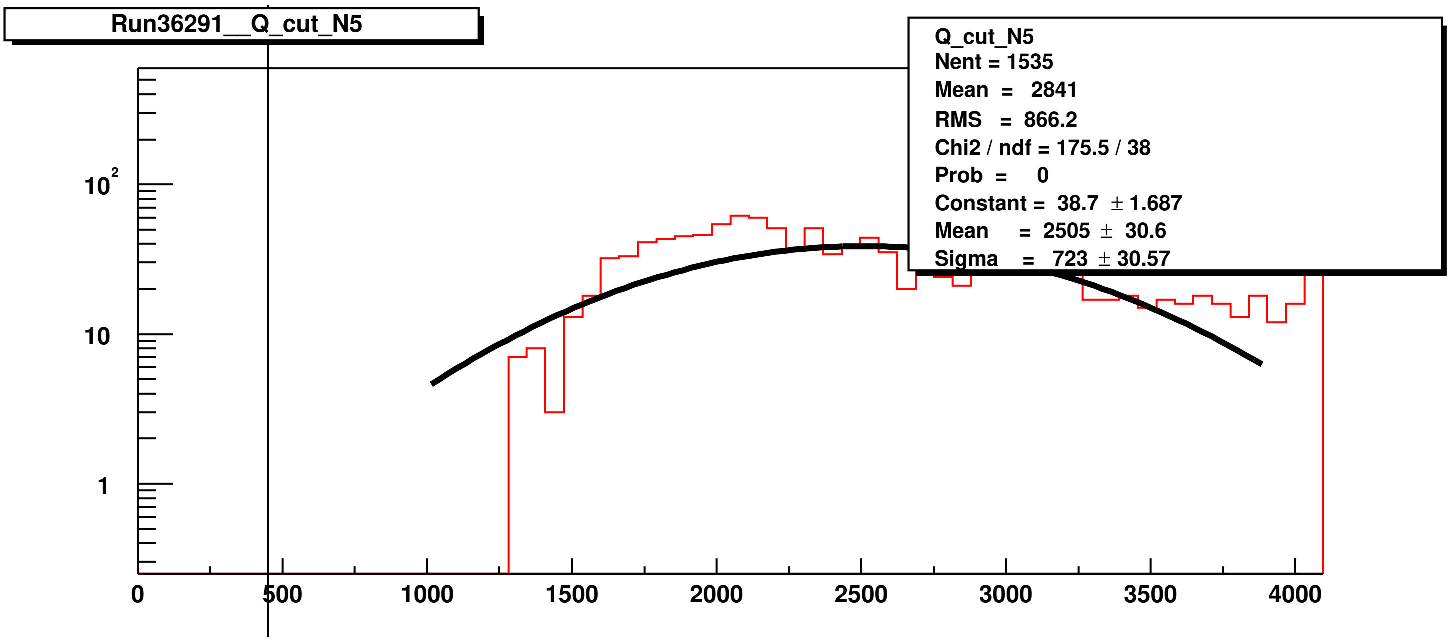

Run36291__Q_0_N4
Q_0_N4
Nent = 12068
Mean = 976.5
RMS = 556.8
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4

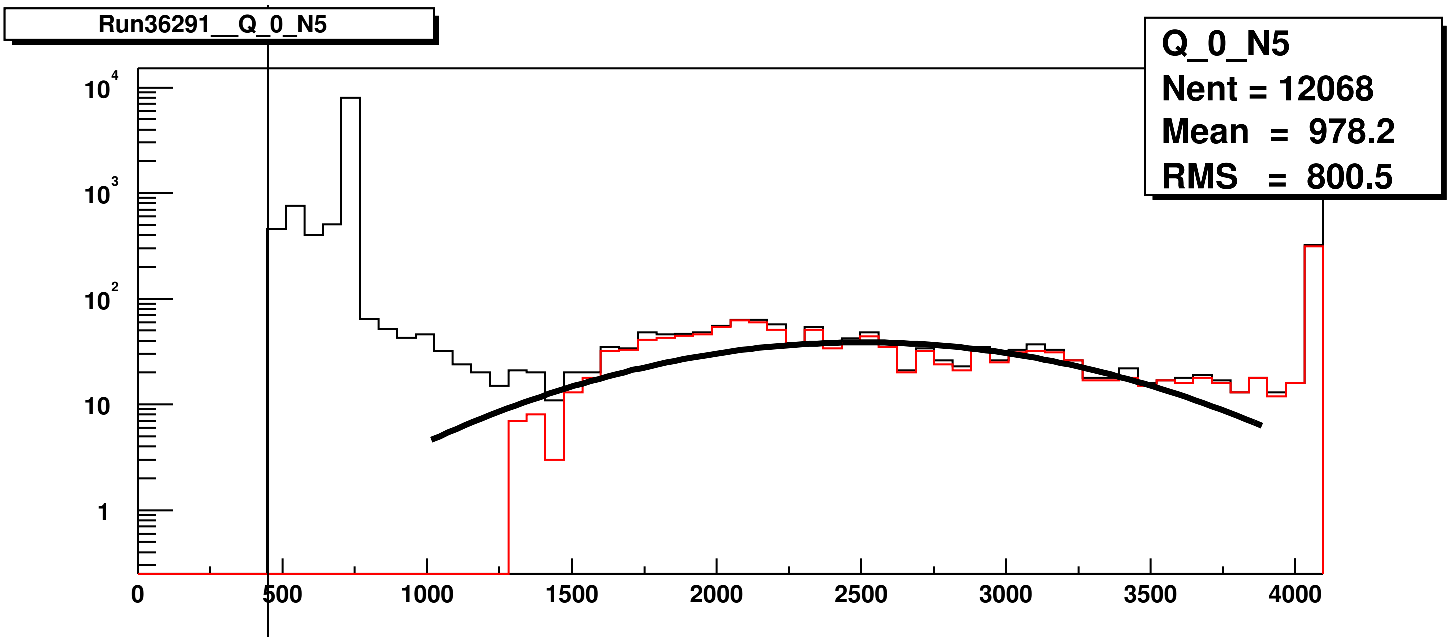

Run36291__T_0_N4
T_0_N4
Nent = 12068
Mean = 18.52
RMS = 4.444

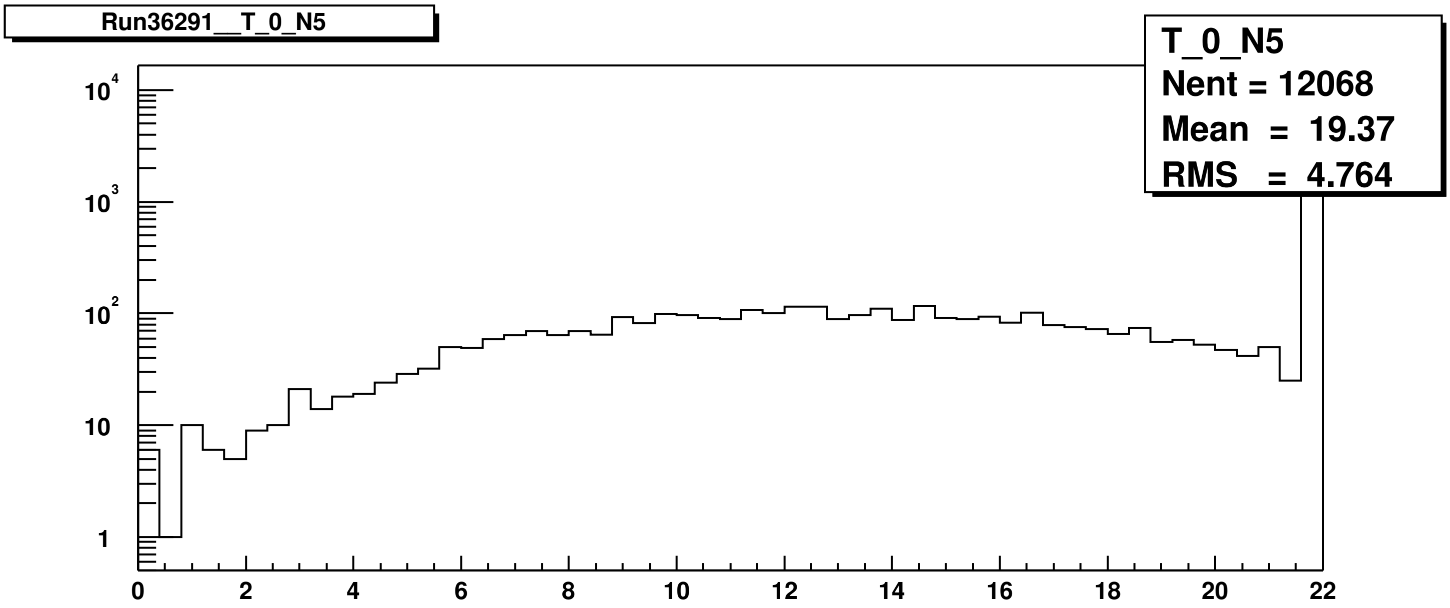

Run36291__T_cut_N4
T_cut_N4
Nent = 1421
Mean = 9.704
RMS = 4.03
Chi2 / ndf = 55.41 / 43
Prob = 0.09544
Constant = 53.24 ± 1.851
Mean = 9.597 ± 0.1233
Sigma = 4.145 ± 0.1061

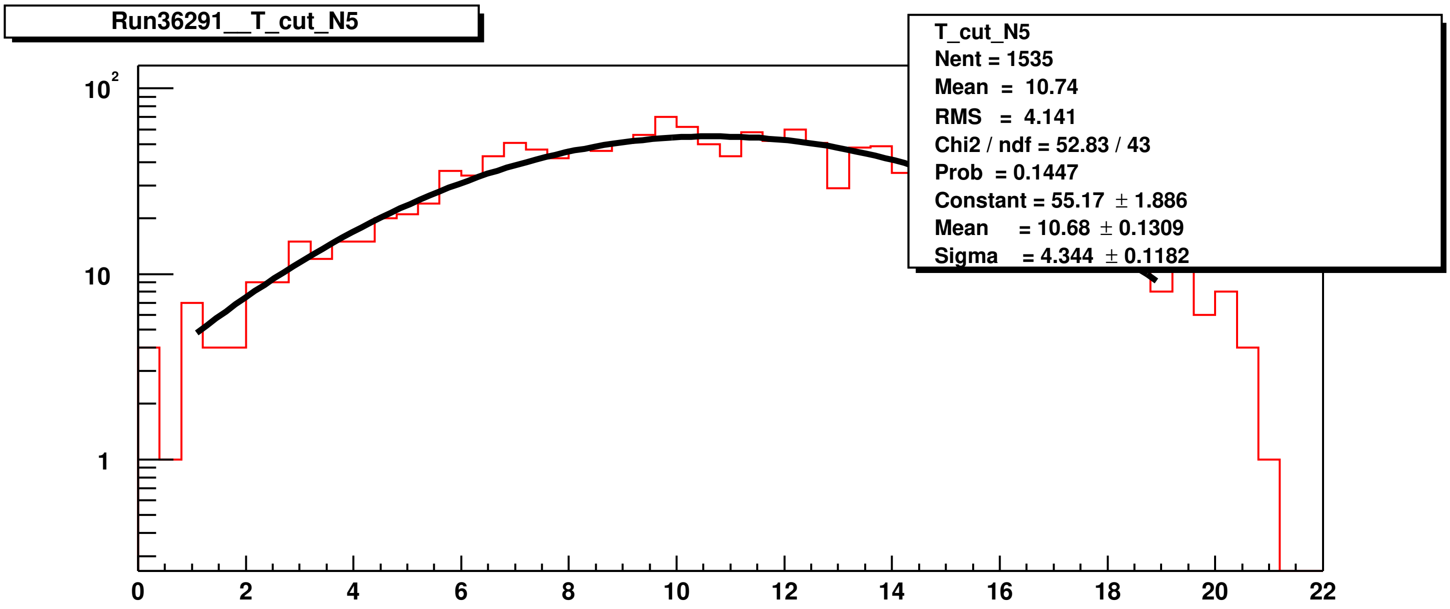

Run36291__T_0_N4
T_0_N4
Nent = 12068
Mean = 18.52
RMS = 4.444

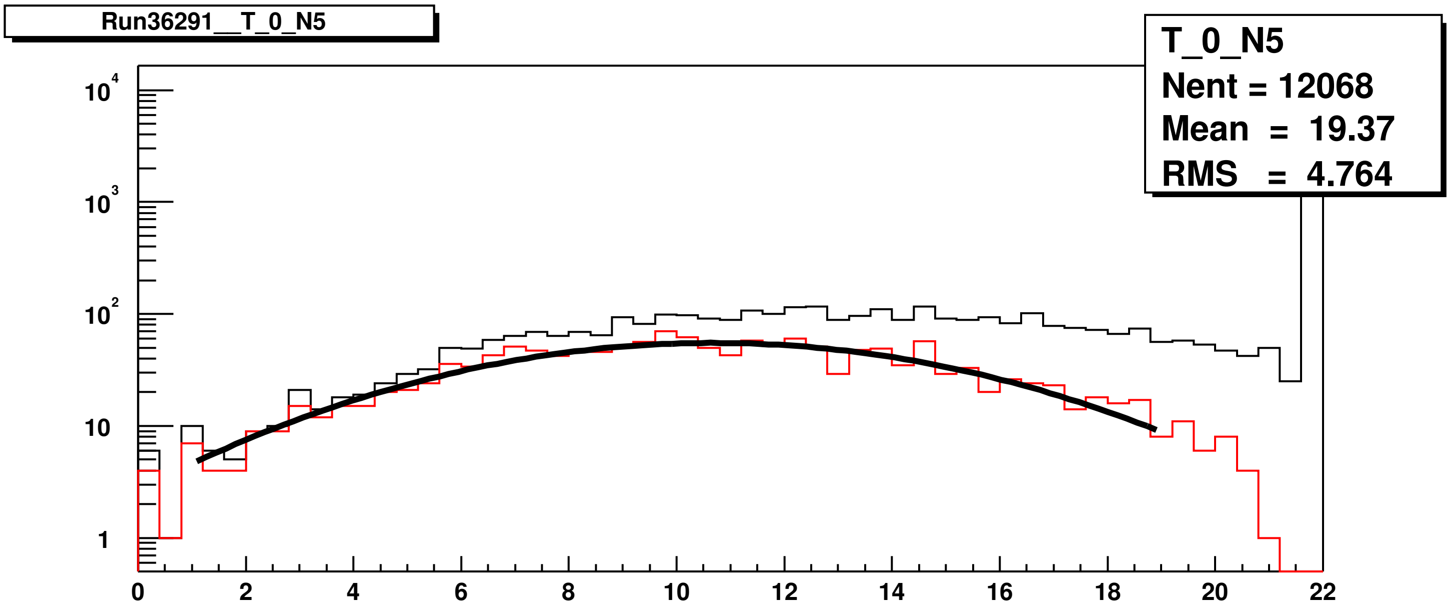

Run36291__Q_0_N5
Q_0_N5
Nent = 12068
Mean = 978.2
RMS = 800.5
0
500
1000
1500
2000
2500
3000
3500
4000

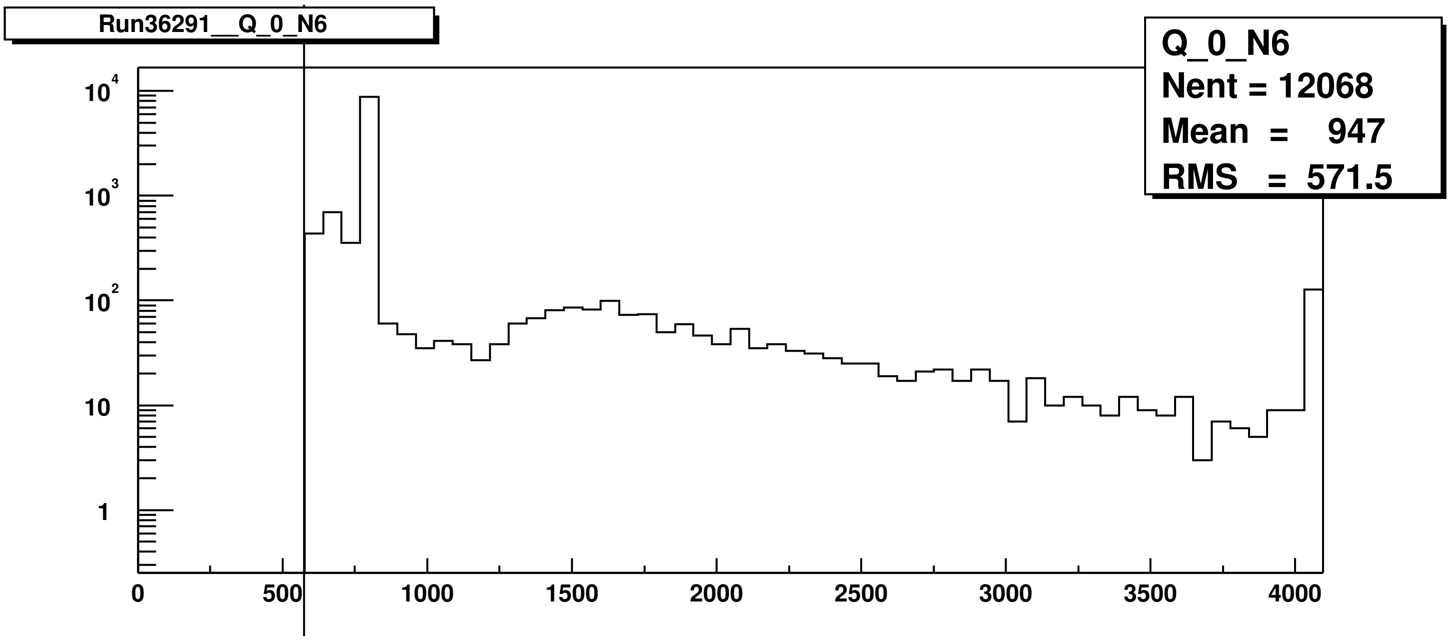

Run36291__Q_cut_N5
Q_cut_N5
Nent = 1535
Mean = 2841
RMS = 866.2
Chi2 / ndf = 175.5 / 38
Prob = 0
Constant = 38.7 ± 1.687
Mean = 2505 ± 30.6
Sigma = 723 ± 30.57
0
500
1000
1500
2000
2500
3000
3500
4000

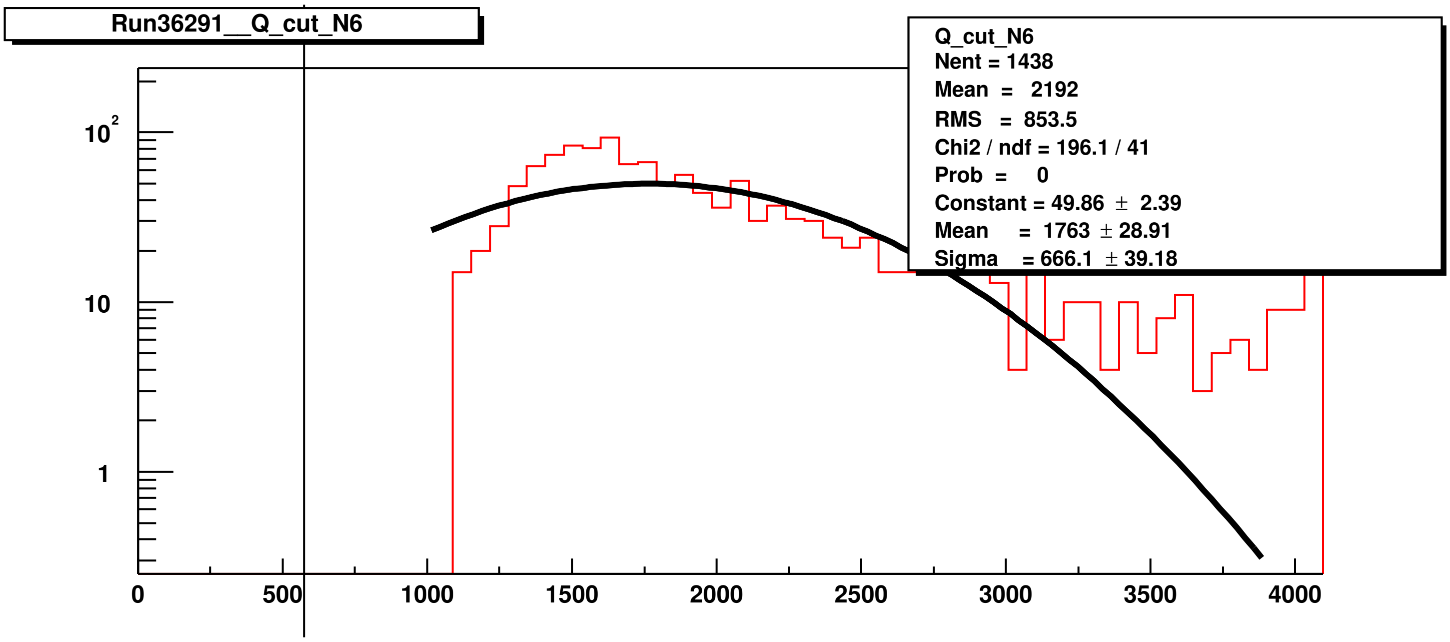

Run36291__Q_0_N5
Q_0_N5
Nent = 12068
Mean = 978.2
RMS = 800.5
0
500
1000
1500
2000
2500
3000
3500
4000

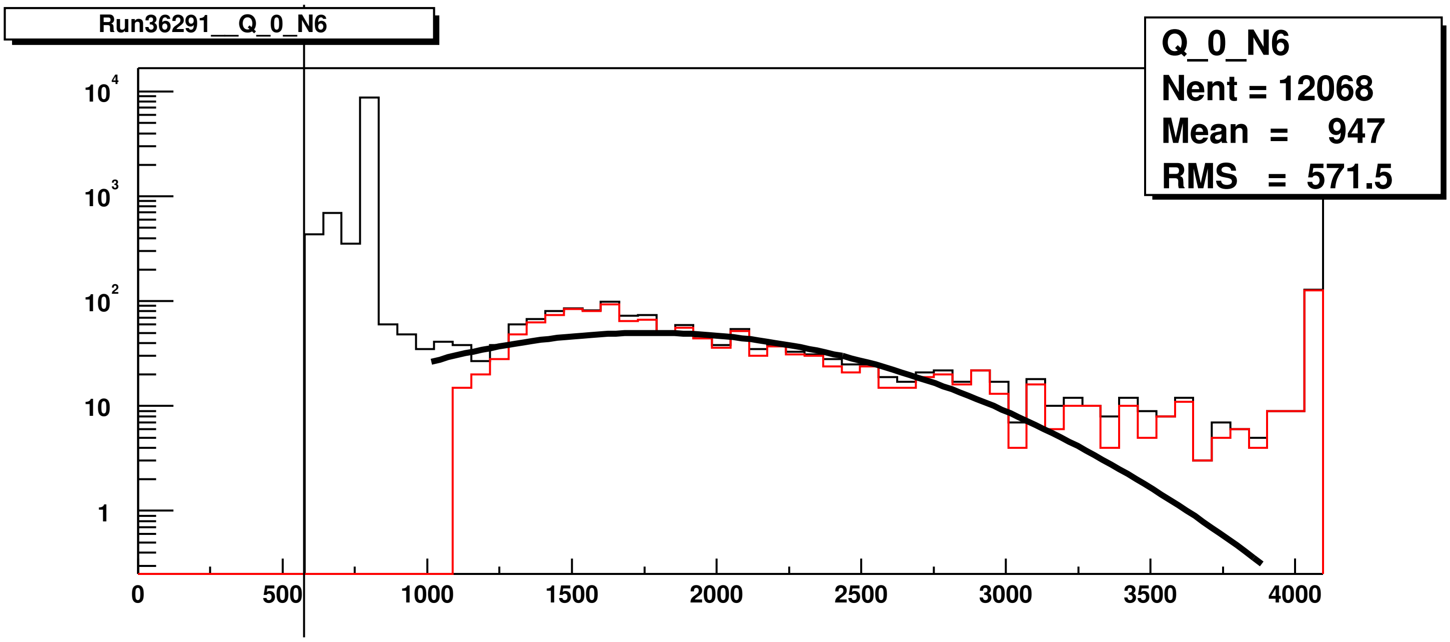

Run36291__T_0_N5
T_0_N5
Nent = 12068
Mean = 19.37
RMS = 4.764
10^4
10^3
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

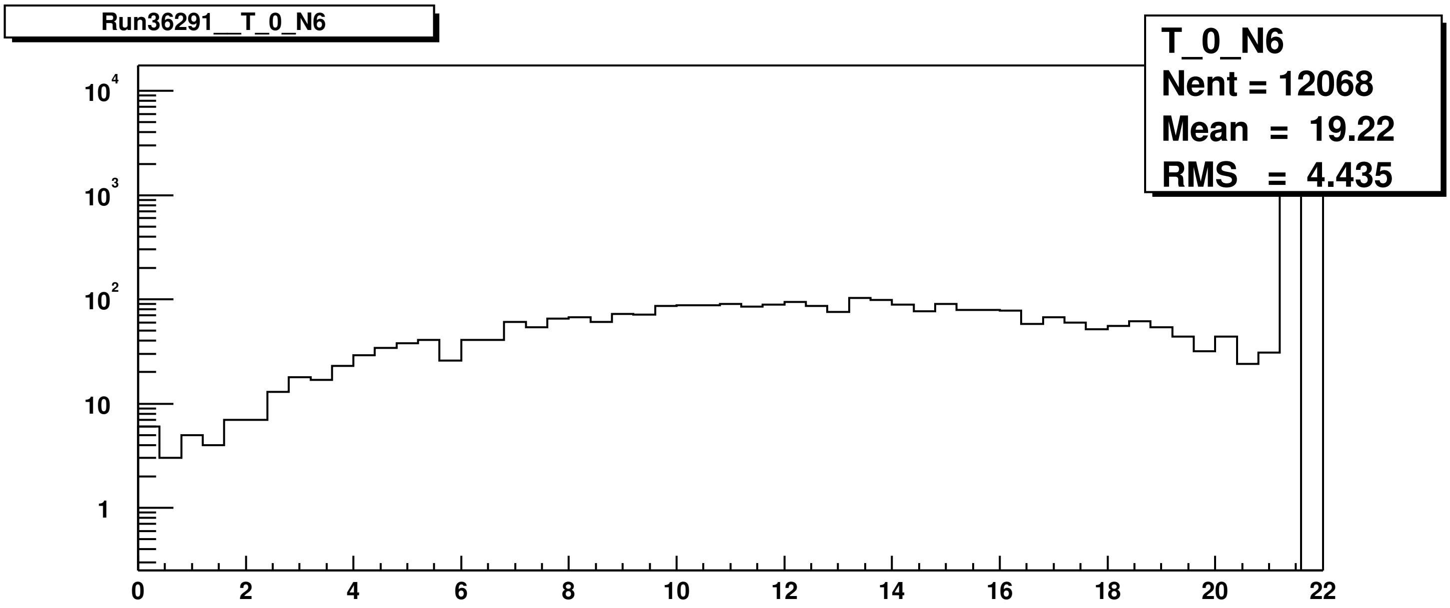

Run36291__T_cut_N5
T_cut_N5
Nent = 1535
Mean = 10.74
RMS = 4.141
Chi2 / ndf = 52.83 / 43
Prob = 0.1447
Constant = 55.17 ± 1.886
Mean = 10.68 ± 0.1309
Sigma = 4.344 ± 0.1182
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

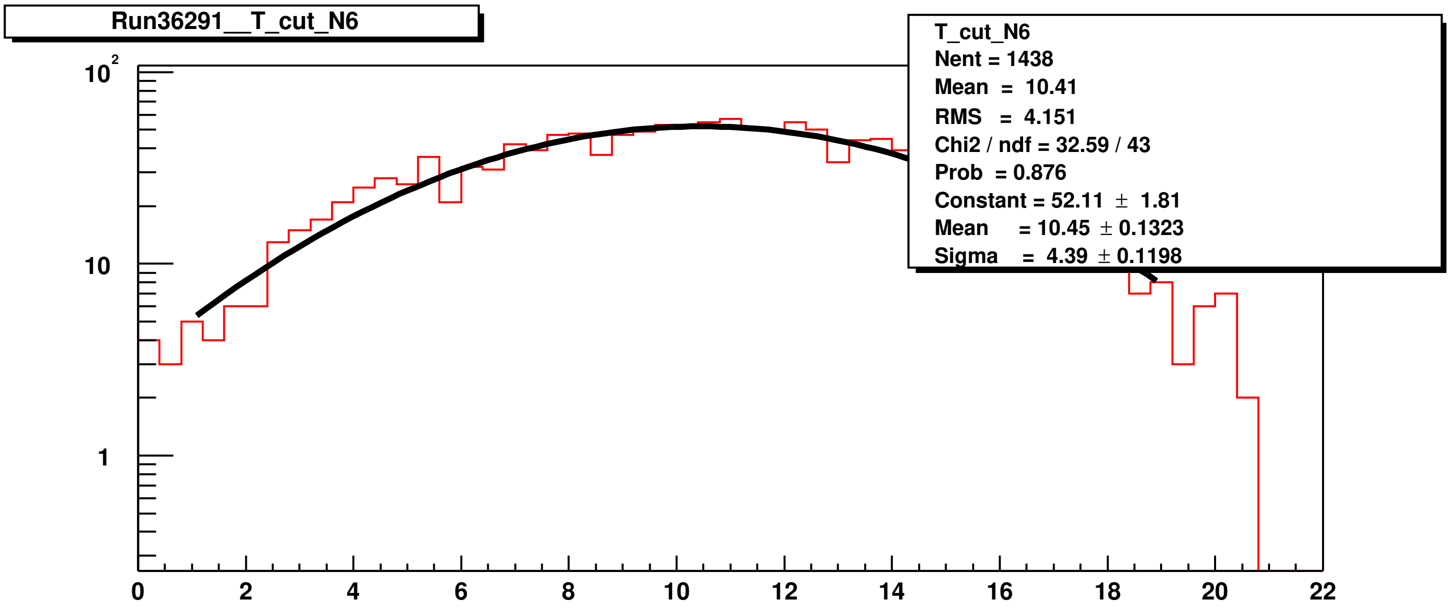

Run36291__T_0_N5
T_0_N5
Nent = 12068
Mean = 19.37
RMS = 4.764
10^4
10^3
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

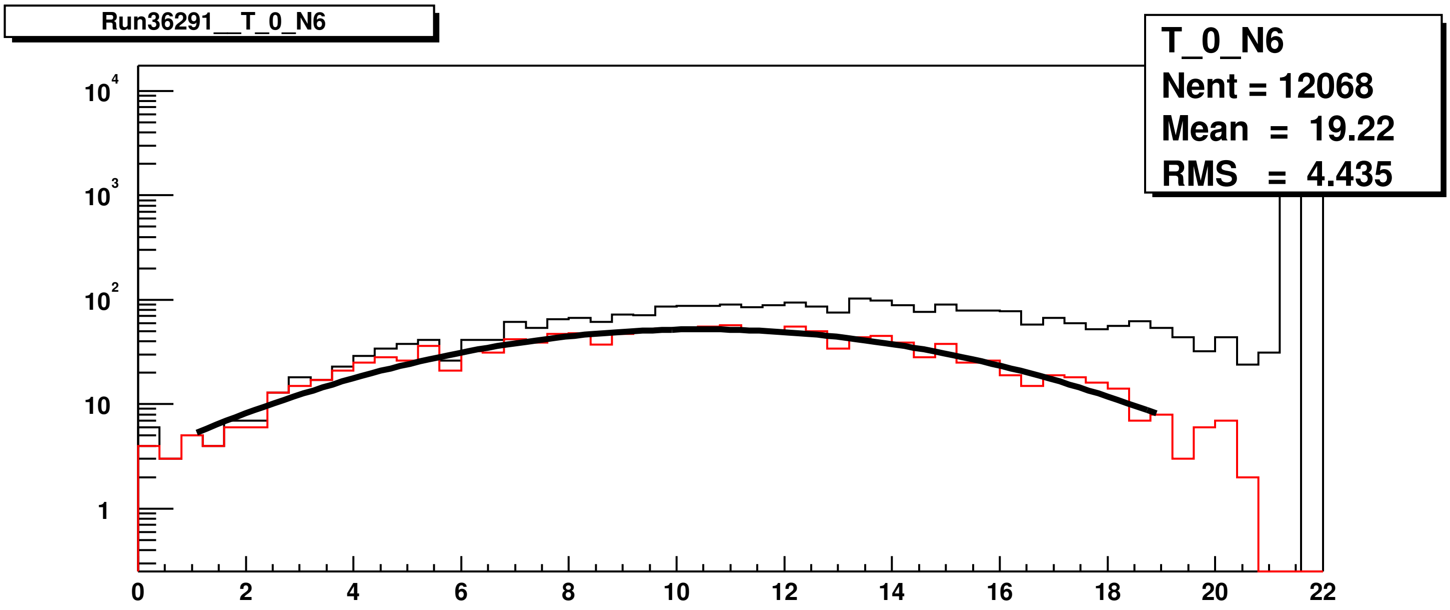

Run36291__Q_0_N6
Q_0_N6
Nent = 12068
Mean = 947
RMS = 571.5
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4

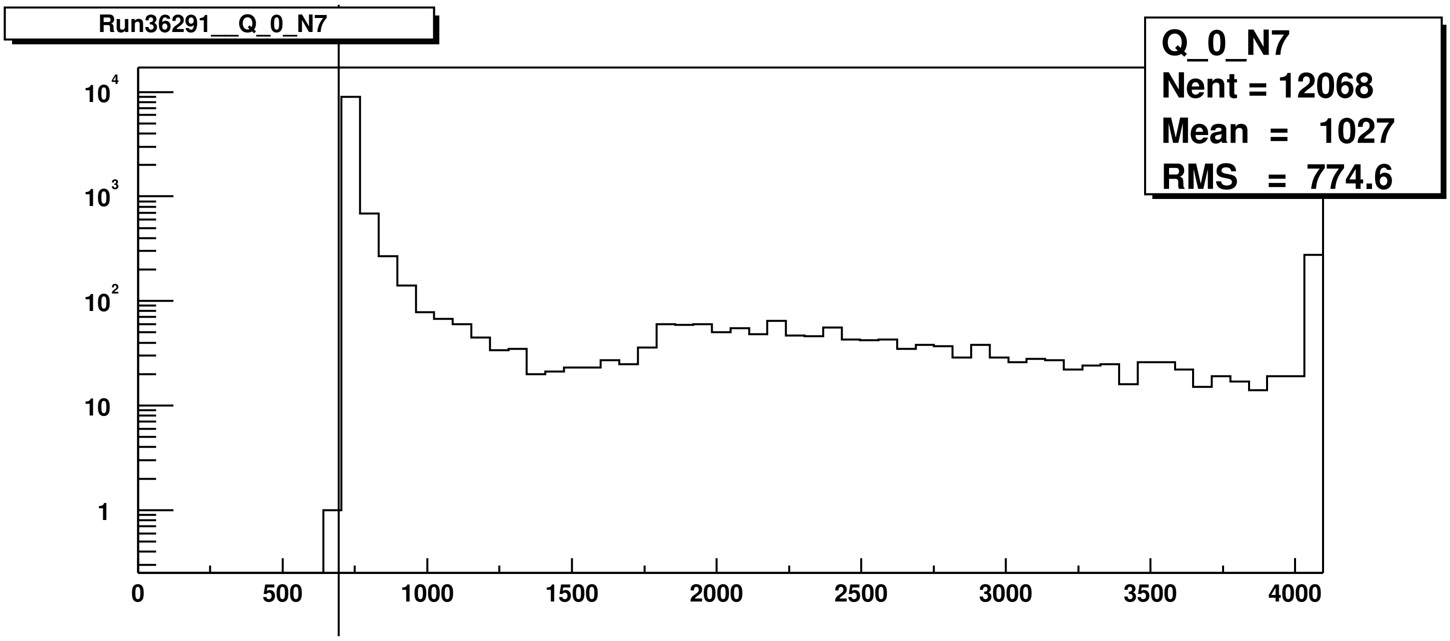

Run36291__Q_cut_N6
Q_cut_N6
Nent = 1438
Mean = 2192
RMS = 853.5
Chi2 / ndf = 196.1 / 41
Prob = 0
Constant = 49.86 ± 2.39
Mean = 1763 ± 28.91
Sigma = 666.1 ± 39.18
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2

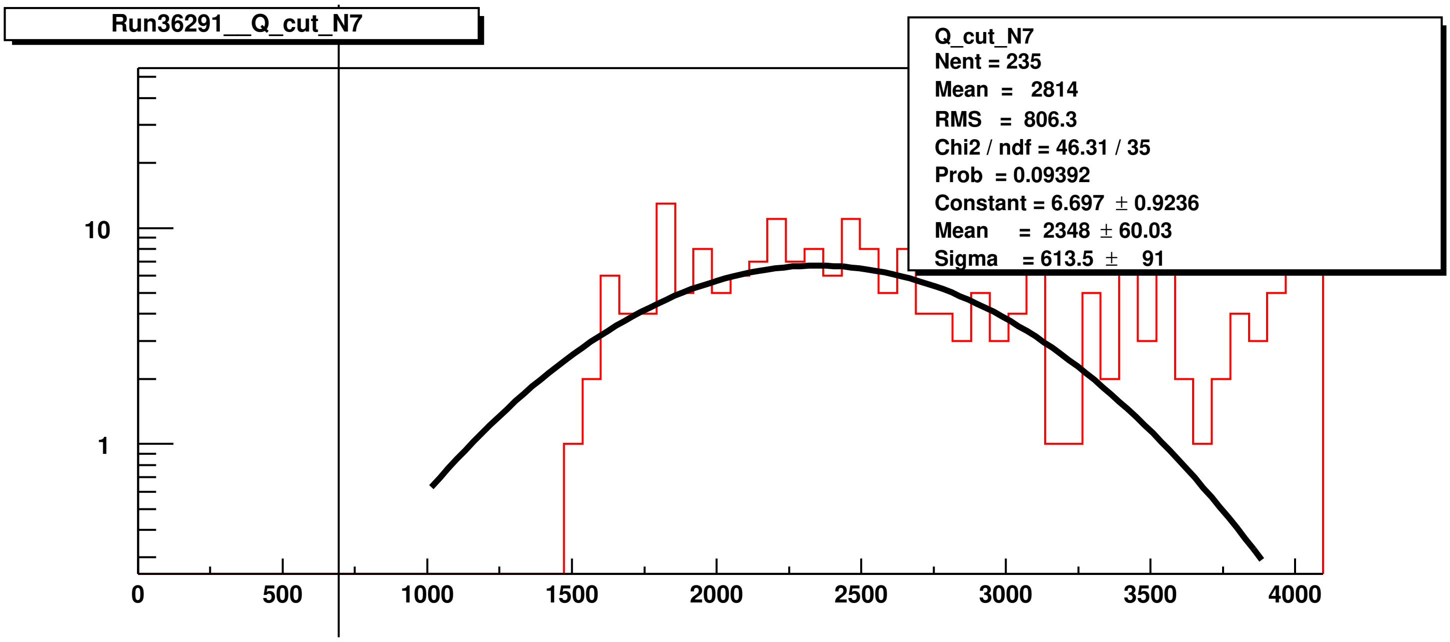

Run36291__Q_0_N6
Q_0_N6
Nent = 12068
Mean = 947
RMS = 571.5
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4

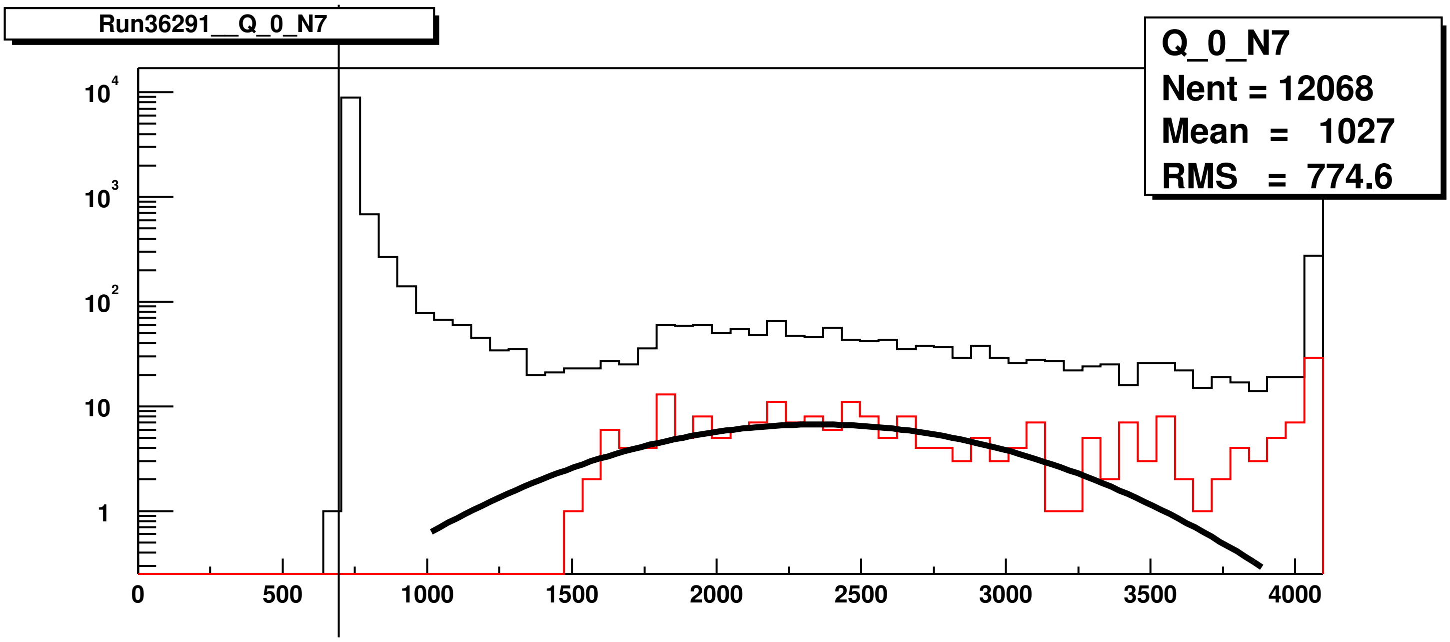

Run36291__T_0_N6
T_0_N6
Nent = 12068
Mean = 19.22
RMS = 4.435
0 2 4 6 8 10 12 14 16 18 20 22

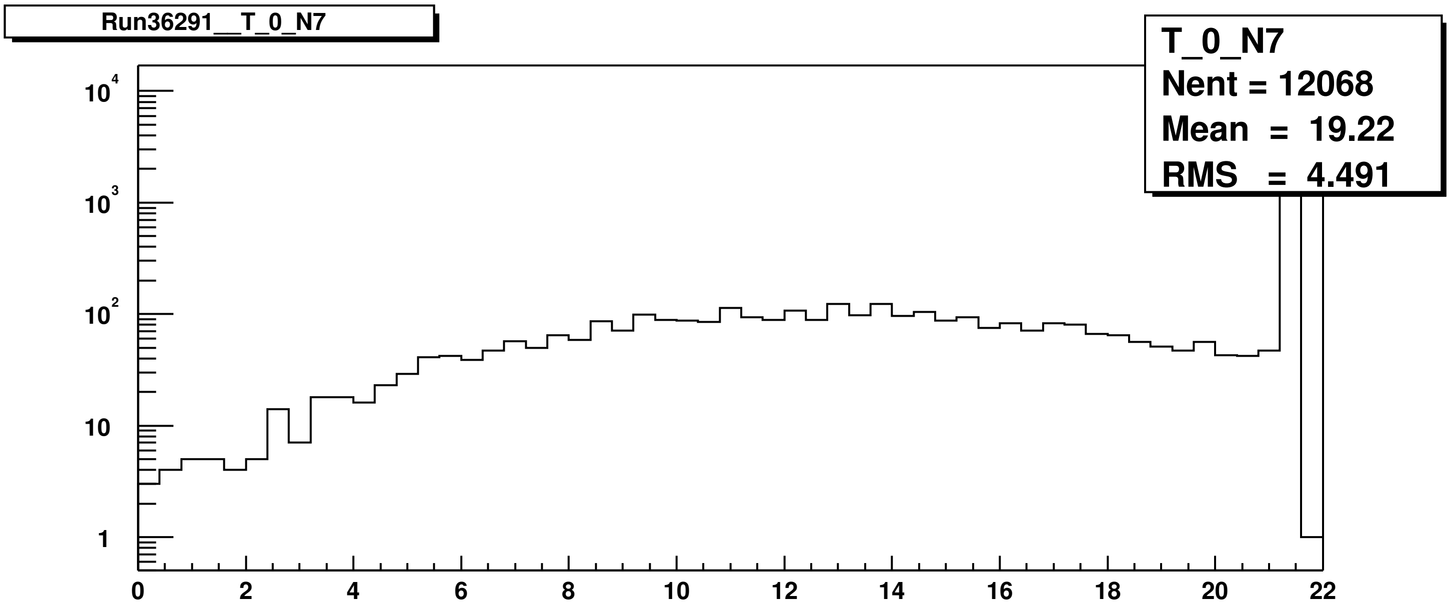

Run36291__T_cut_N6
T_cut_N6
Nent = 1438
Mean = 10.41
RMS = 4.151
Chi2 / ndf = 32.59 / 43
Prob = 0.876
Constant = 52.11 ± 1.81
Mean = 10.45 ± 0.1323
Sigma = 4.39 ± 0.1198
0 2 4 6 8 10 12 14 16 18 20 22

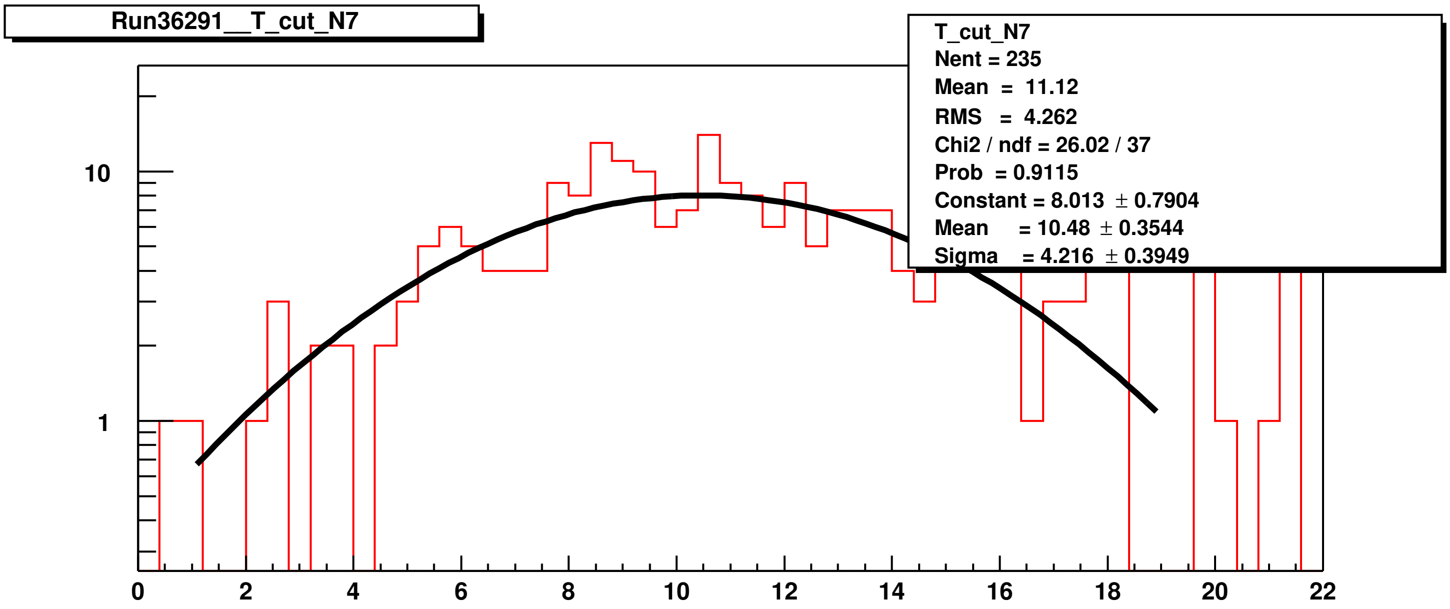

Run36291__T_0_N6
T_0_N6
Nent = 12068
Mean = 19.22
RMS = 4.435
0 2 4 6 8 10 12 14 16 18 20 22

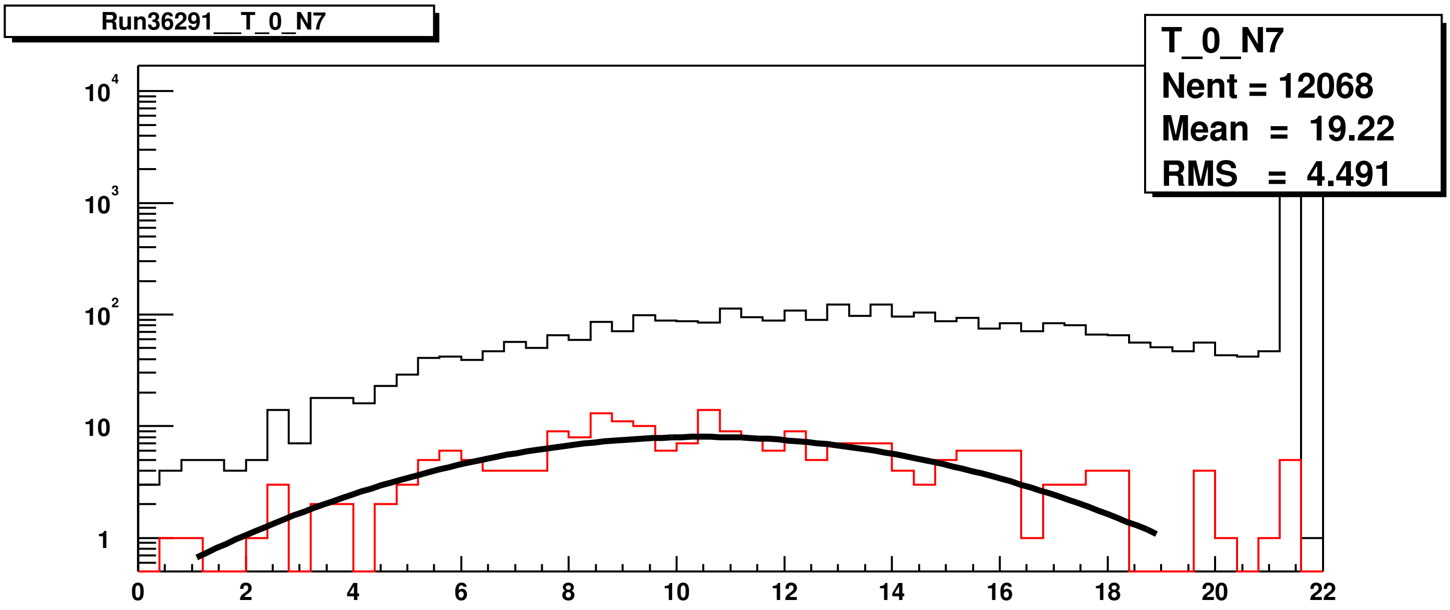

Run36291__Q_0_N7
Q_0_N7
Nent = 12068
Mean = 1027
RMS = 774.6
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4

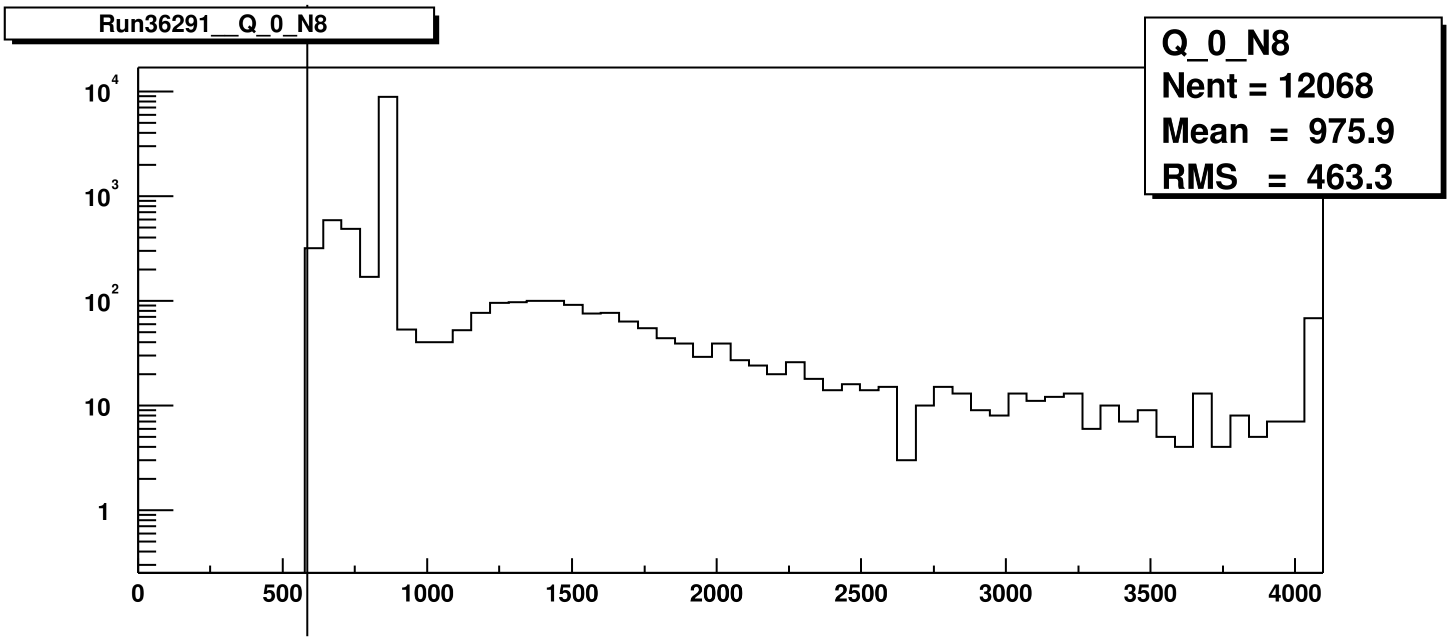

Run36291__Q_cut_N7
Q_cut_N7
Nent = 235
Mean = 2814
RMS = 806.3
Chi2 / ndf = 46.31 / 35
Prob = 0.09392
Constant = 6.697 ± 0.9236
Mean = 2348 ± 60.03
Sigma = 613.5 ± 91
0
500
1000
1500
2000
2500
3000
3500
4000
1
10

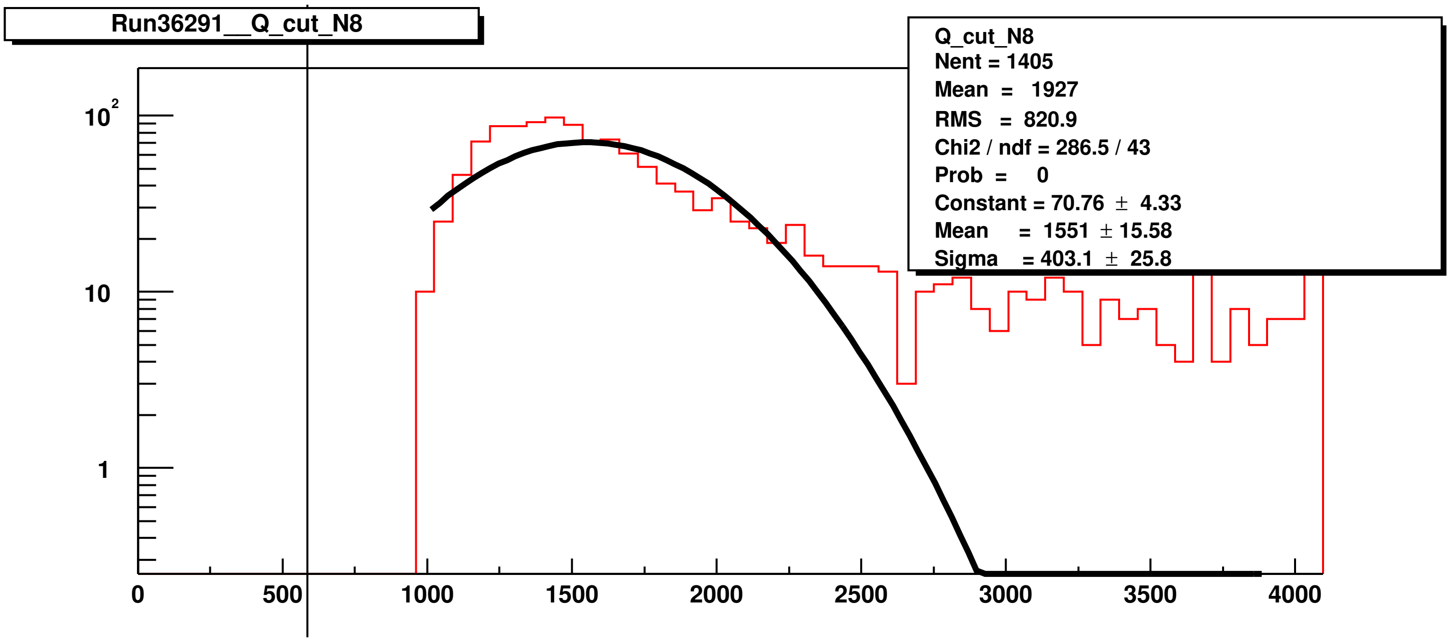

Run36291__Q_0_N7
Q_0_N7
Nent = 12068
Mean = 1027
RMS = 774.6
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4

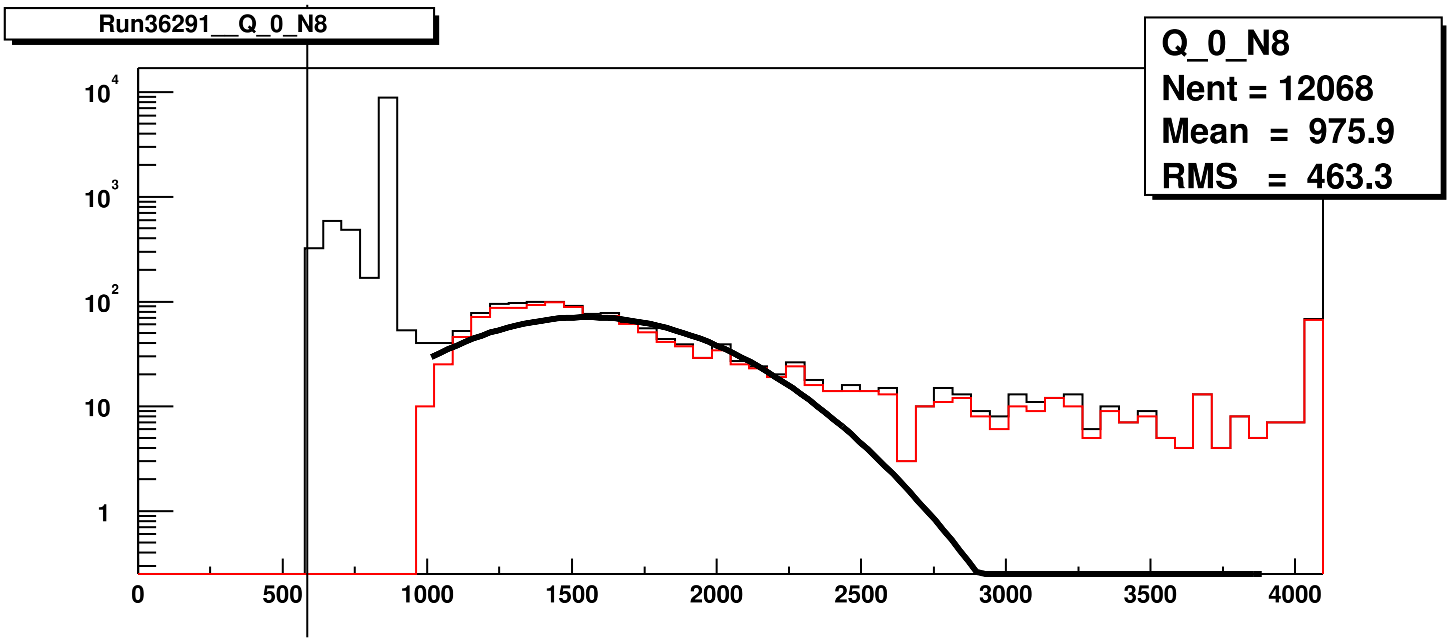

Run36291__T_0_N7
T_0_N7
Nent = 12068
Mean = 19.22
RMS = 4.491
0 2 4 6 8 10 12 14 16 18 20 22

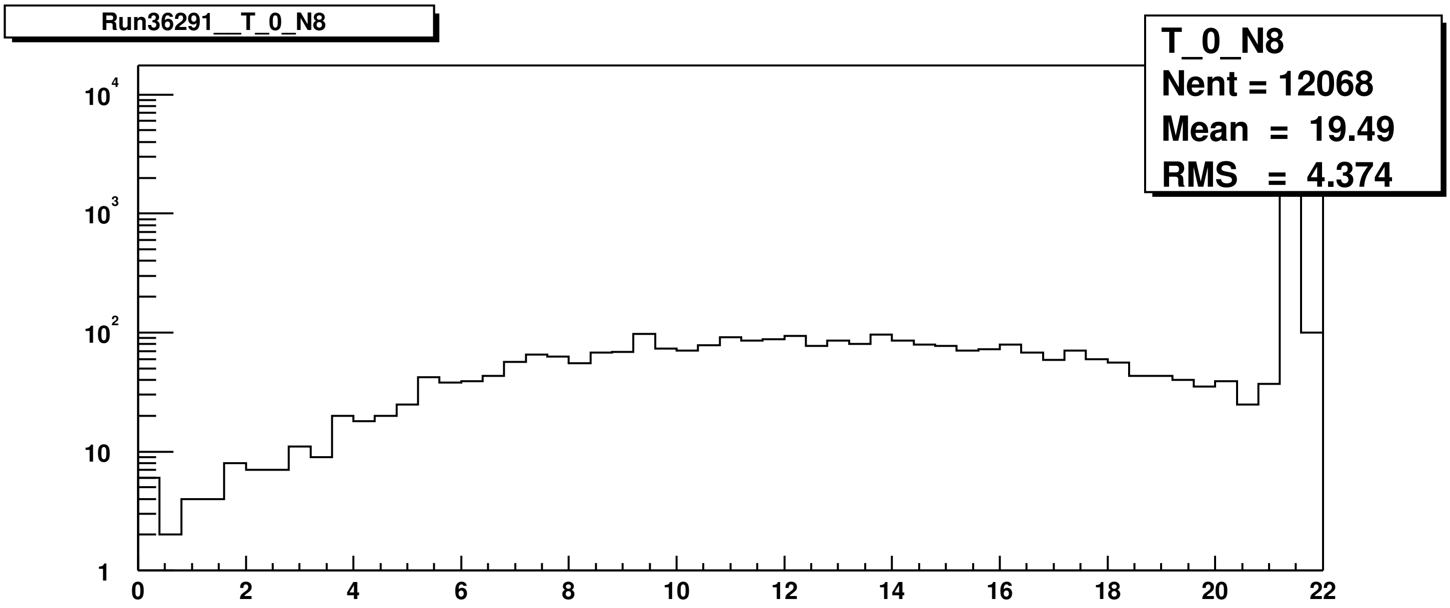

Run36291__T_cut_N7
T_cut_N7
Nent = 235
Mean = 11.12
RMS = 4.262
Chi2 / ndf = 26.02 / 37
Prob = 0.9115
Constant = 8.013 ± 0.7904
Mean = 10.48 ± 0.3544
Sigma = 4.216 ± 0.3949
0 2 4 6 8 10 12 14 16 18 20 22


Run36291__T_0_N7
T_0_N7
Nent = 12068
Mean = 19.22
RMS = 4.491
0 2 4 6 8 10 12 14 16 18 20 22

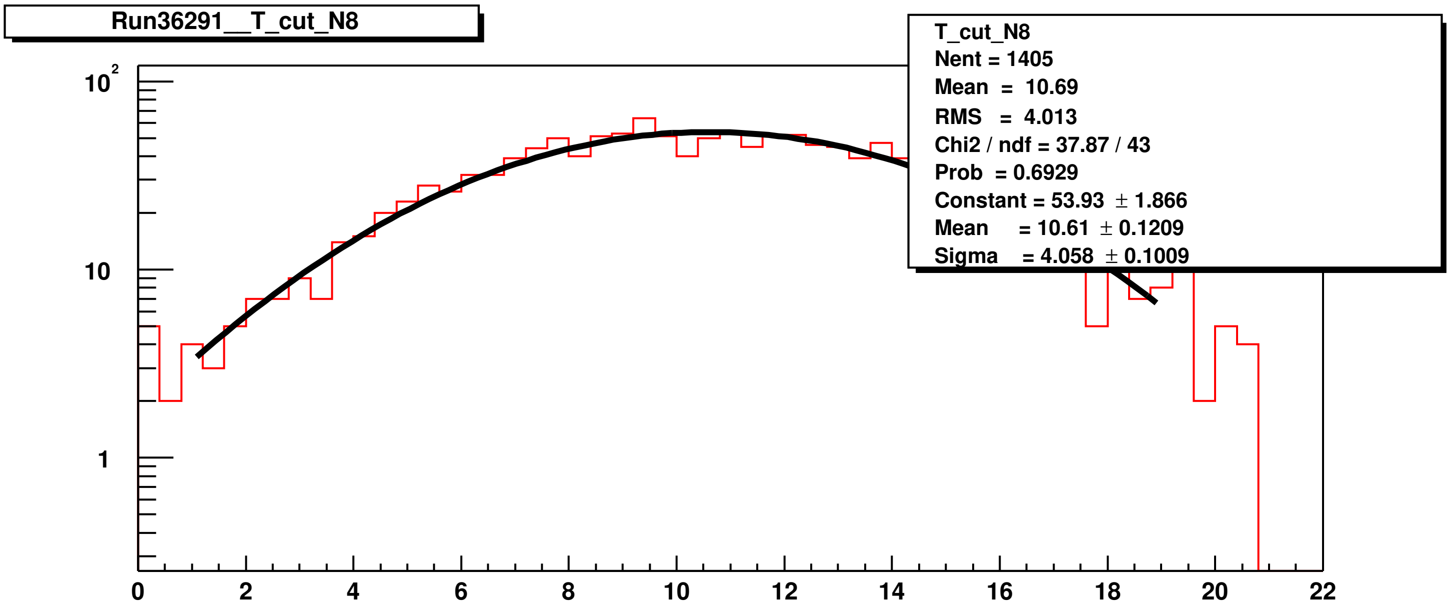

Run36291__Q_0_N8
Q_0_N8
Nent = 12068
Mean = 975.9
RMS = 463.3
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4


Run36291__Q_cut_N8
Q_cut_N8
Nent = 1405
Mean = 1927
RMS = 820.9
Chi2 / ndf = 286.5 / 43
Prob = 0
Constant = 70.76 ± 4.33
Mean = 1551 ± 15.58
Sigma = 403.1 ± 25.8
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2

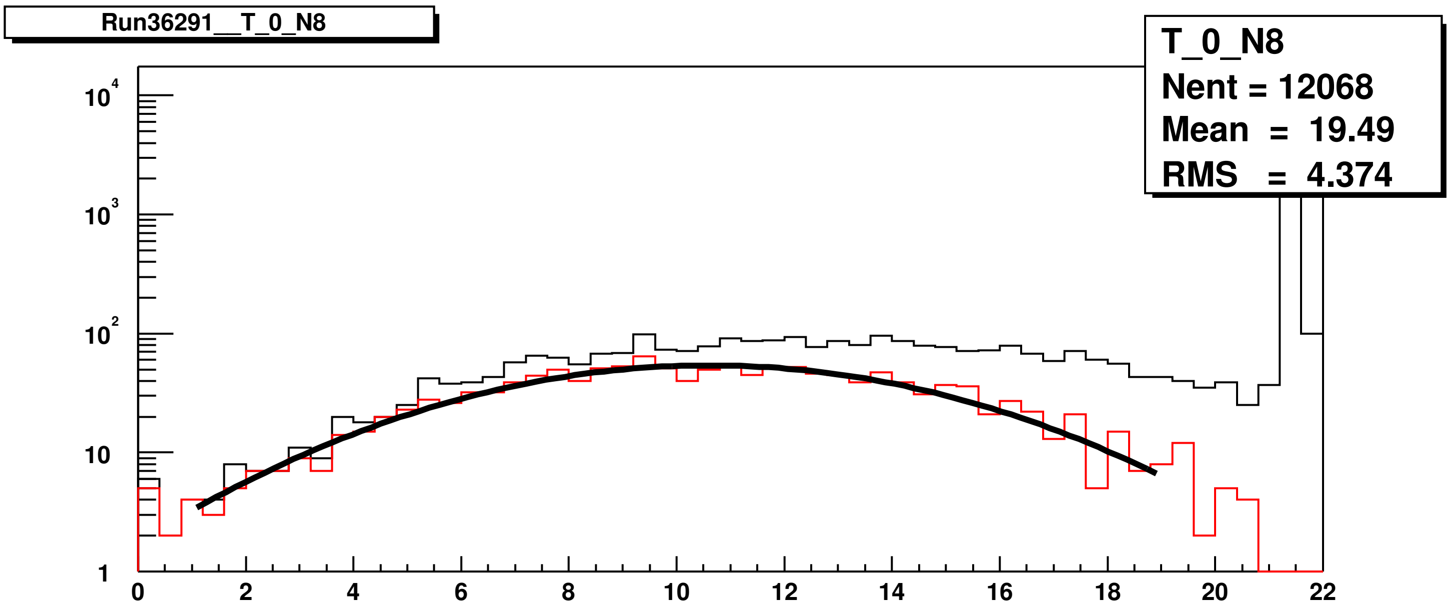

Run36291__Q_0_N8
Q_0_N8
Nent = 12068
Mean = 975.9
RMS = 463.3
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3
10^4



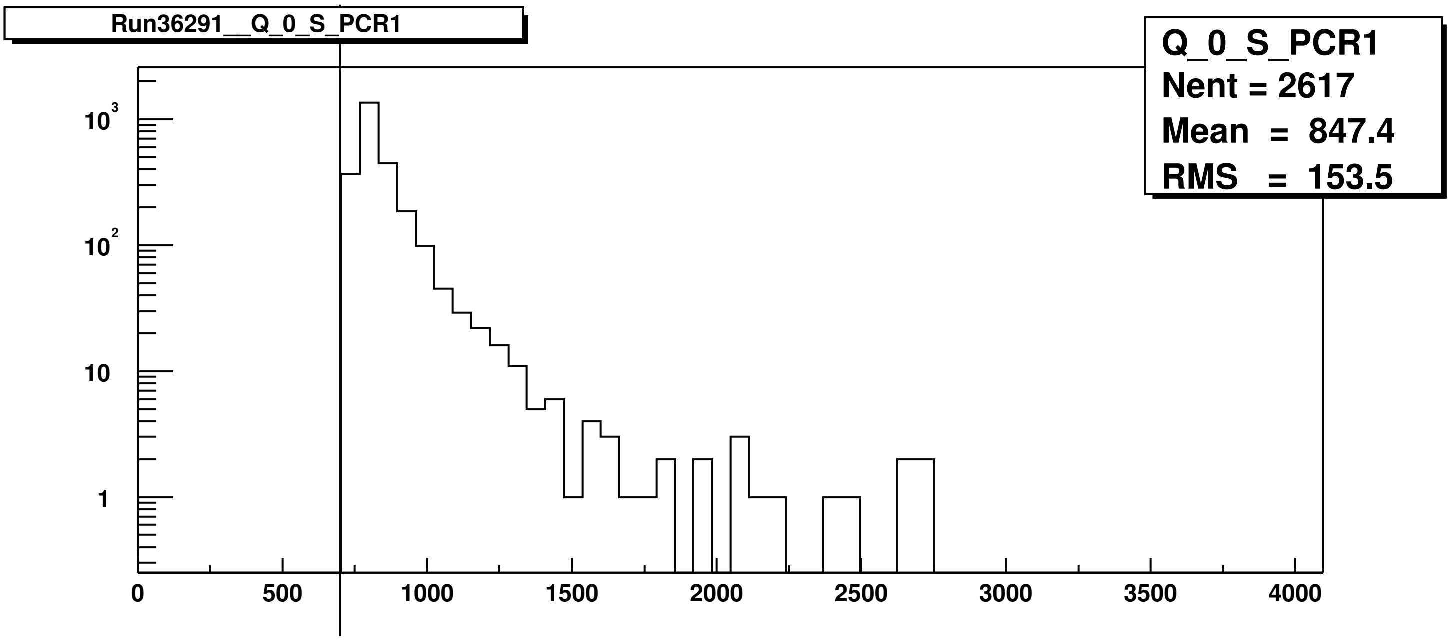
Run36291__T_0_N8
T_0_N8
Nent = 12068
Mean = 19.49
RMS = 4.374

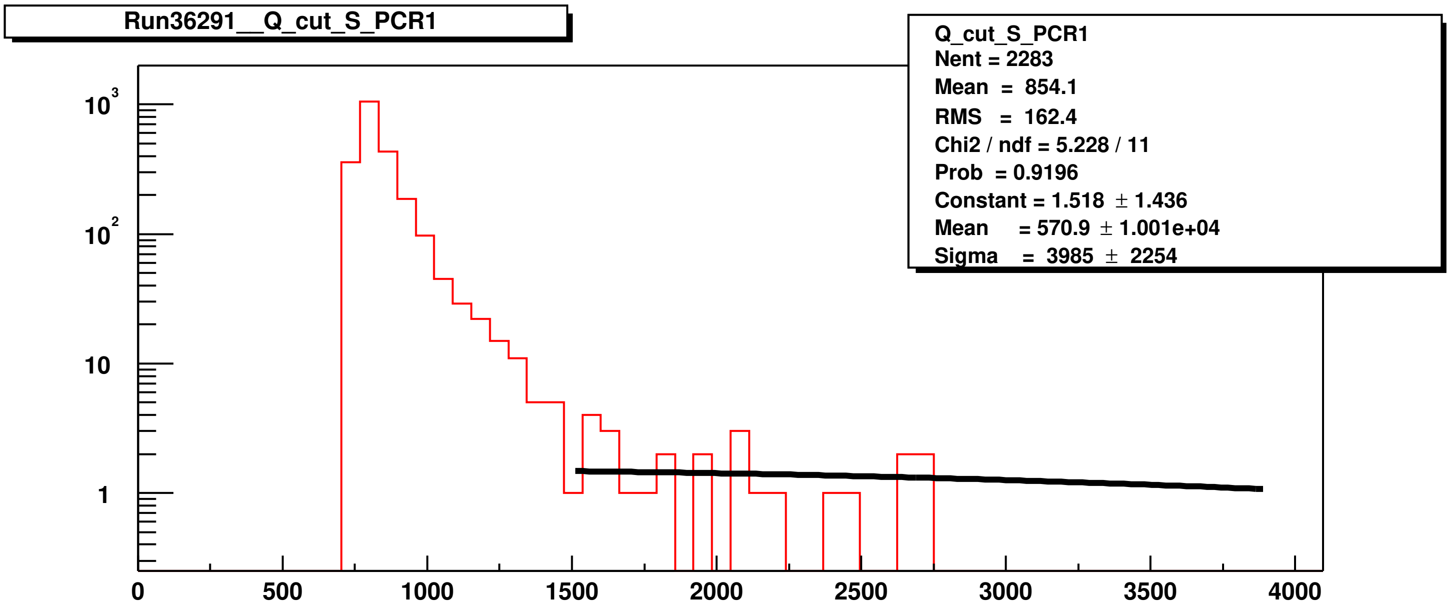


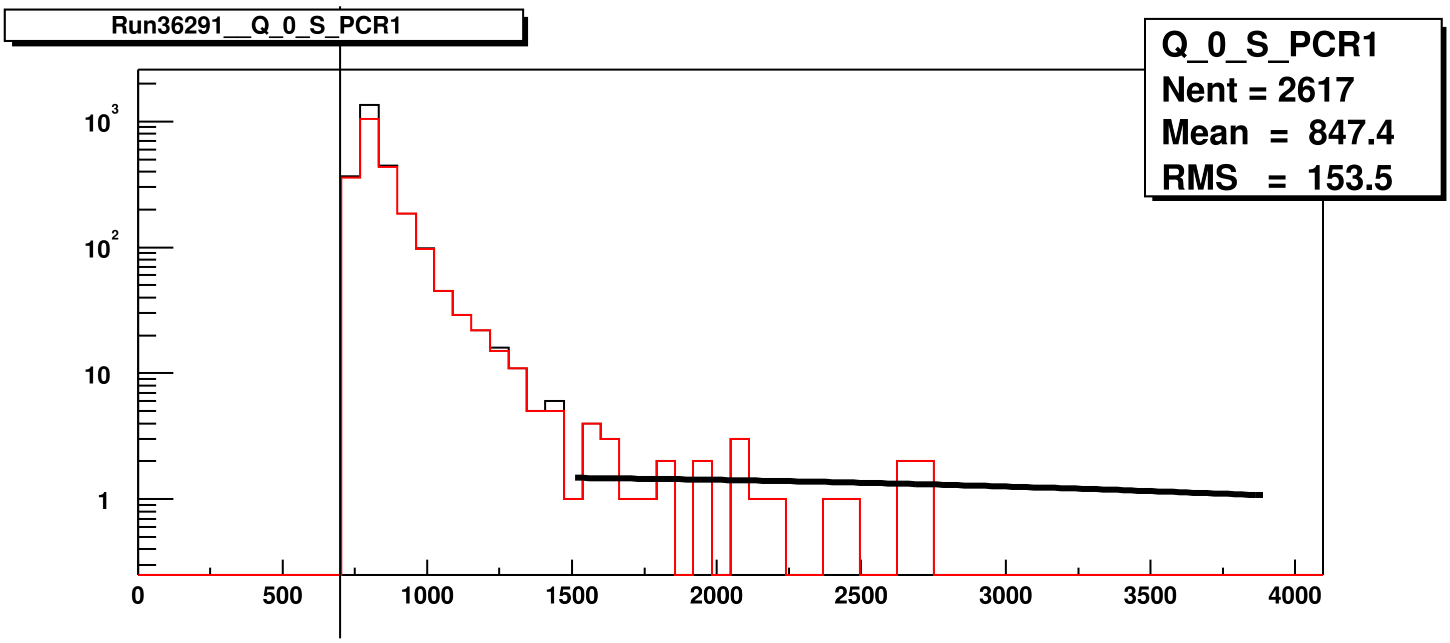
Run36291__T_cut_N8
T_cut_N8
Nent = 1405
Mean = 10.69
RMS = 4.013
Chi2 / ndf = 37.87 / 43
Prob = 0.6929
Constant = 53.93 ± 1.866
Mean = 10.61 ± 0.1209
Sigma = 4.058 ± 0.1009

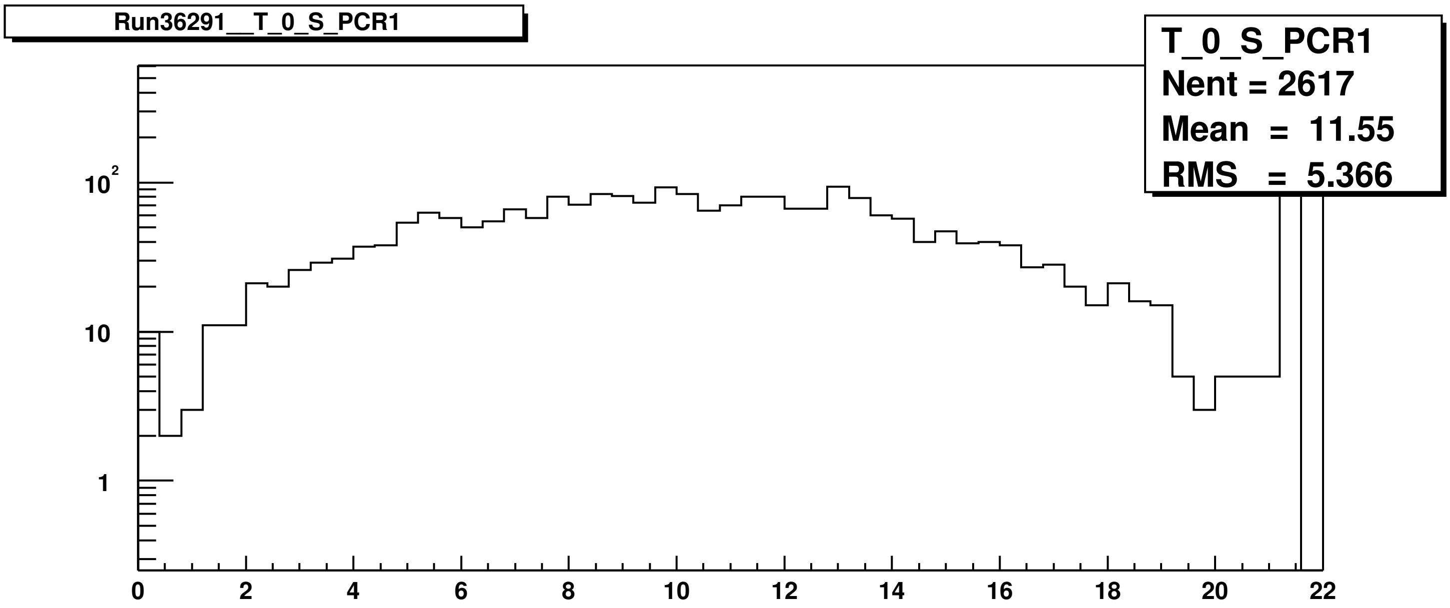


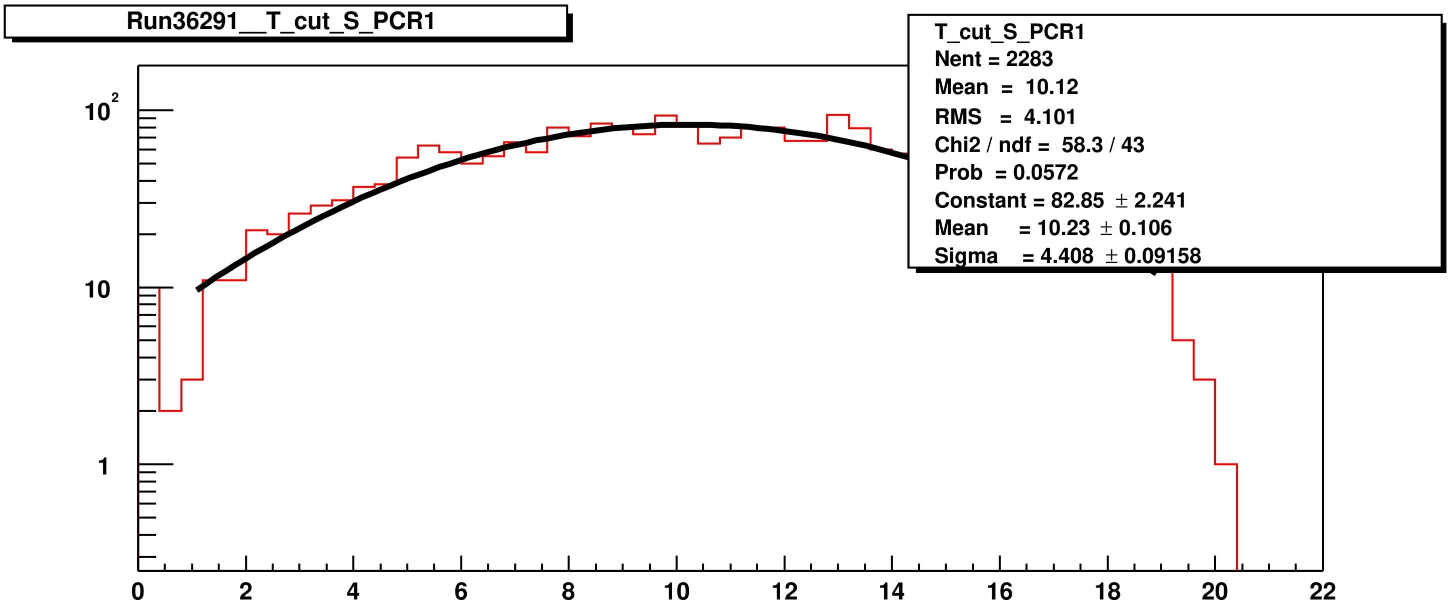
Run36291__T_0_N8
T_0_N8
Nent = 12068
Mean = 19.49
RMS = 4.374

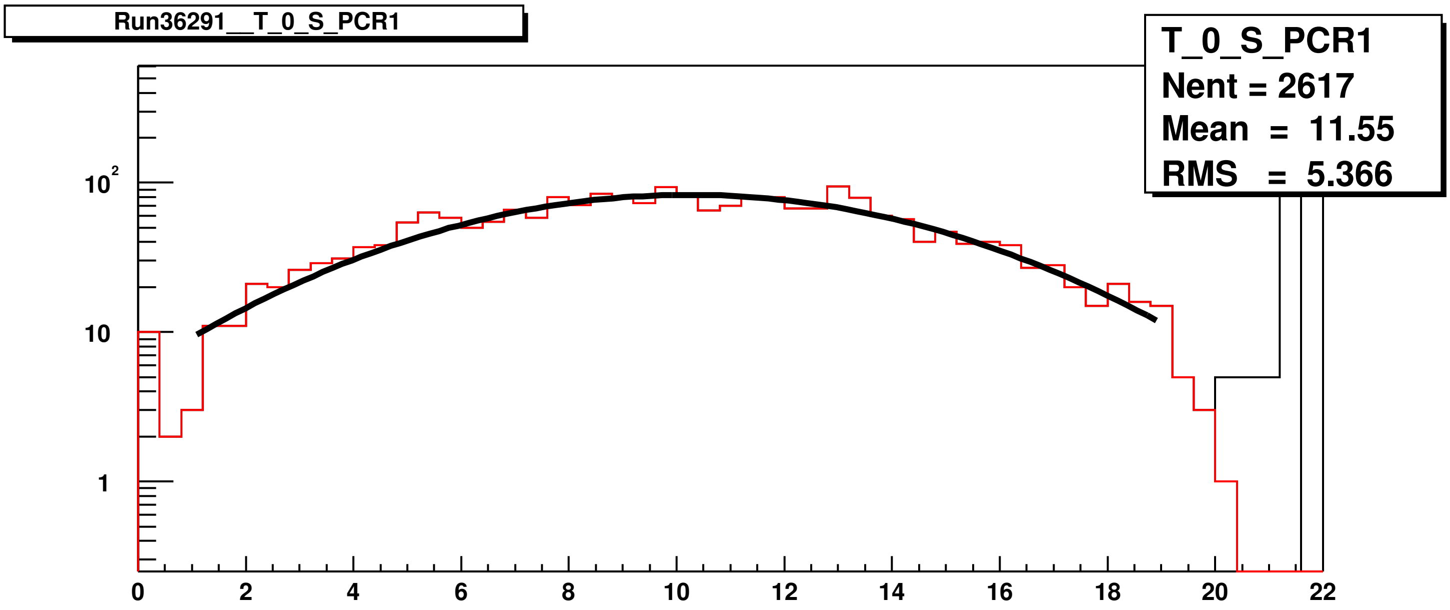

Run36291__Q_0_S_PCR1
Q_0_S_PCR1
Nent = 2617
Mean = 847.4
RMS = 153.5
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

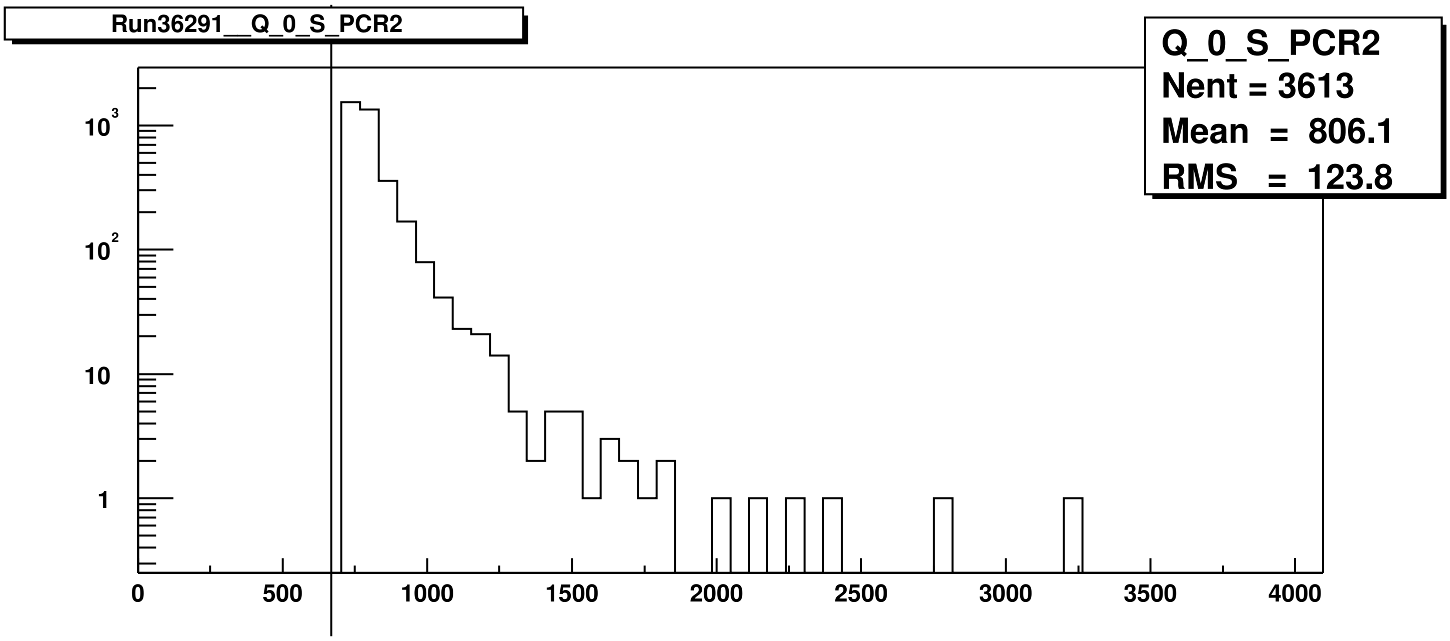

Run36291__Q_cut_S_PCR1
Q_cut_S_PCR1
Nent = 2283
Mean = 854.1
RMS = 162.4
Chi2 / ndf = 5.228 / 11
Prob = 0.9196
Constant = 1.518 ± 1.436
Mean = 570.9 ± 1.001e+04
Sigma = 3985 ± 2254
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

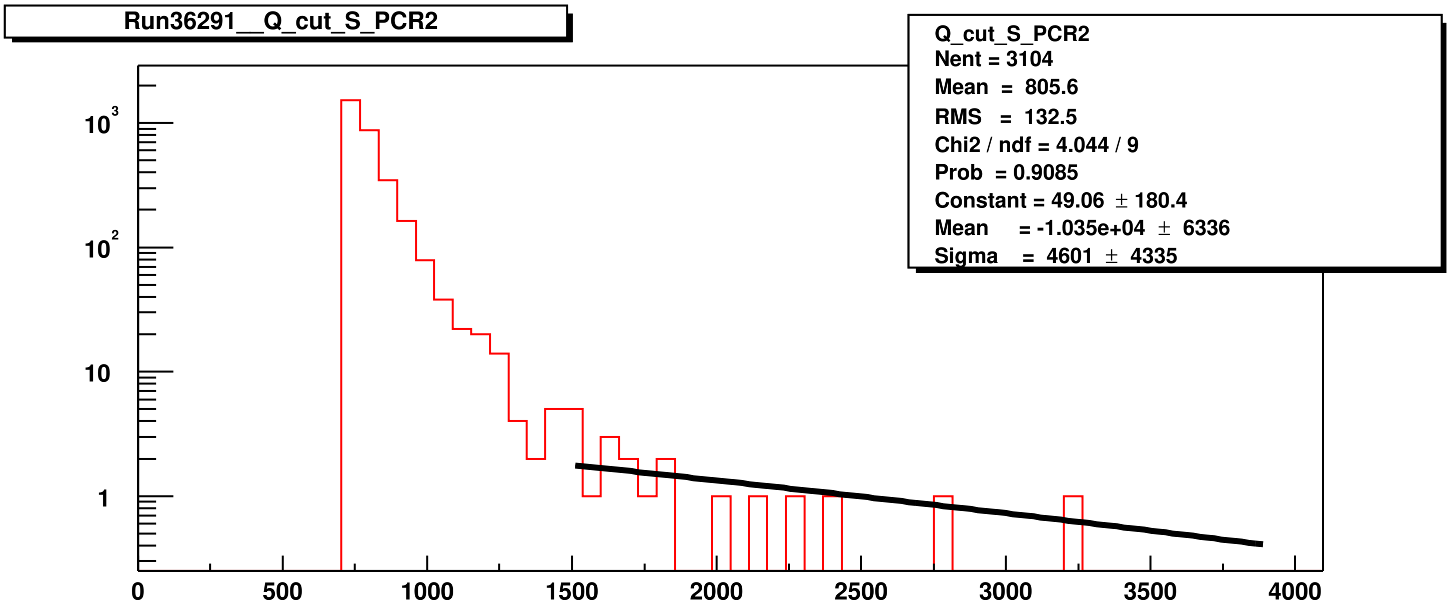

Run36291__Q_0_S_PCR1
Q_0_S_PCR1
Nent = 2617
Mean = 847.4
RMS = 153.5
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

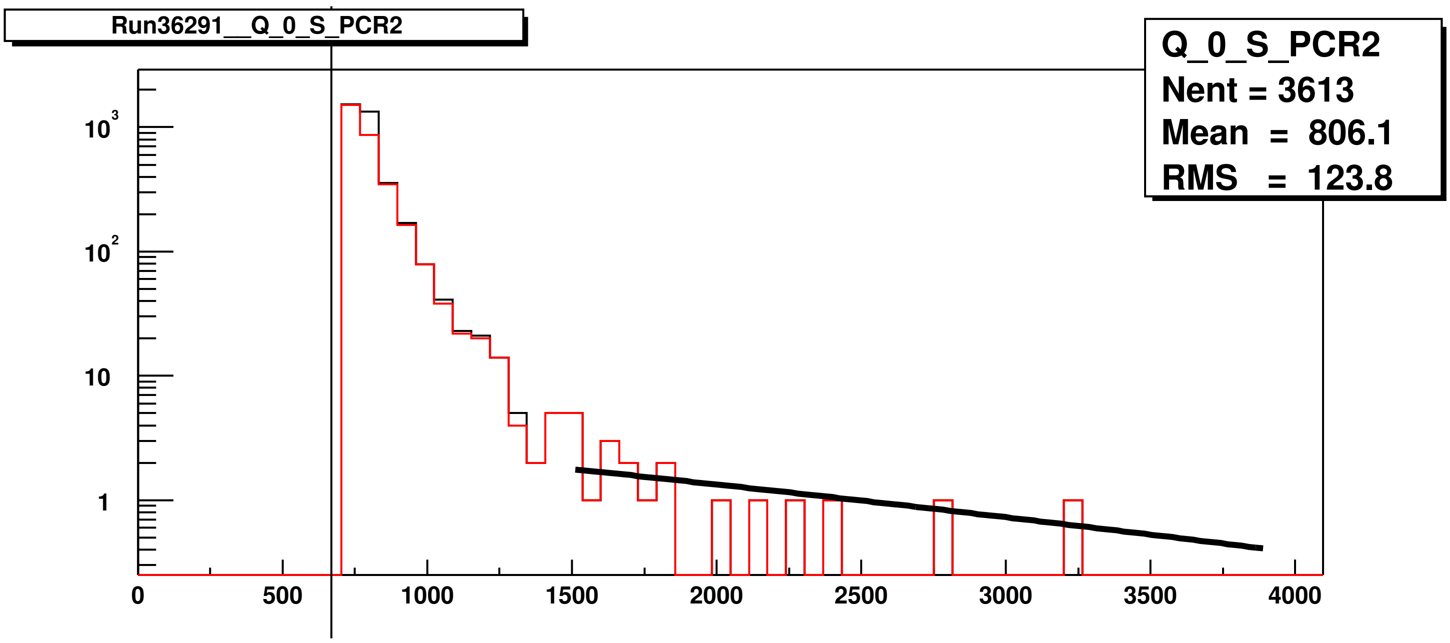

Run36291__T_0_S_PCR1
T_0_S_PCR1
Nent = 2617
Mean = 11.55
RMS = 5.366
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

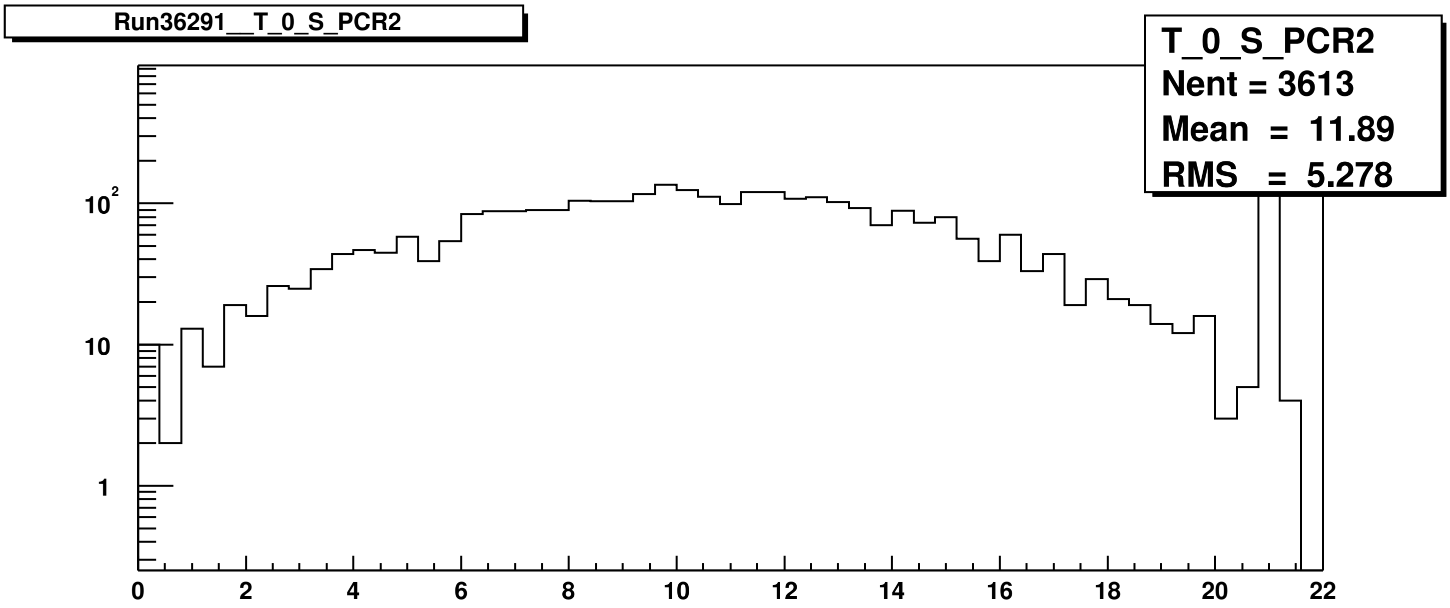

Run36291__T_cut_S_PCR1
T_cut_S_PCR1
Nent = 2283
Mean = 10.12
RMS = 4.101
Chi2 / ndf = 58.3 / 43
Prob = 0.0572
Constant = 82.85 ± 2.241
Mean = 10.23 ± 0.106
Sigma = 4.408 ± 0.09158
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

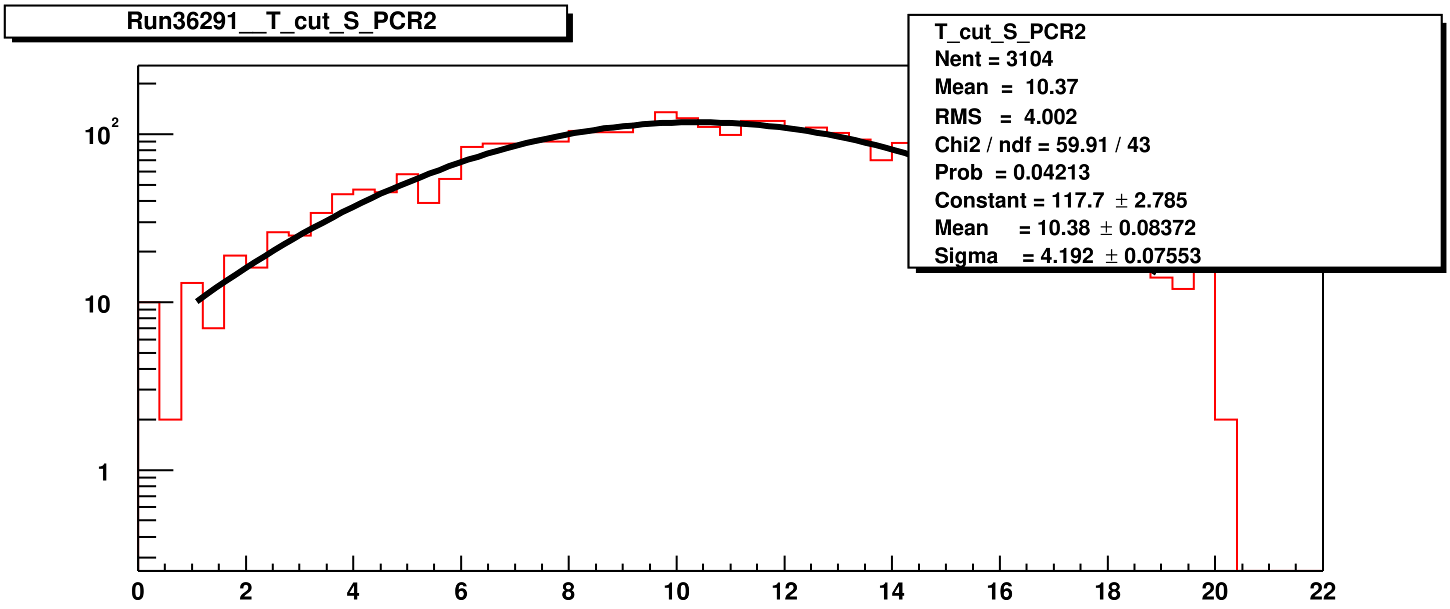

Run36291__T_0_S_PCR1
T_0_S_PCR1
Nent = 2617
Mean = 11.55
RMS = 5.366
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

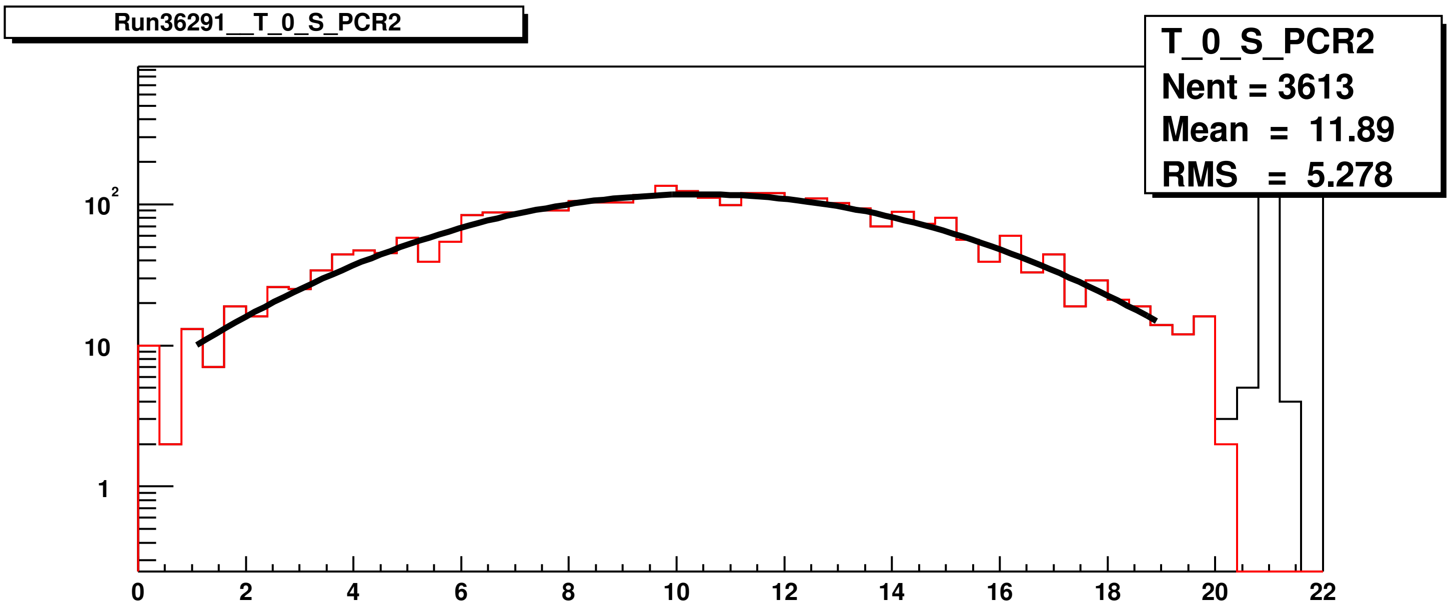

Run36291__Q_0_S_PCR2
Q_0_S_PCR2
Nent = 3613
Mean = 806.1
RMS = 123.8

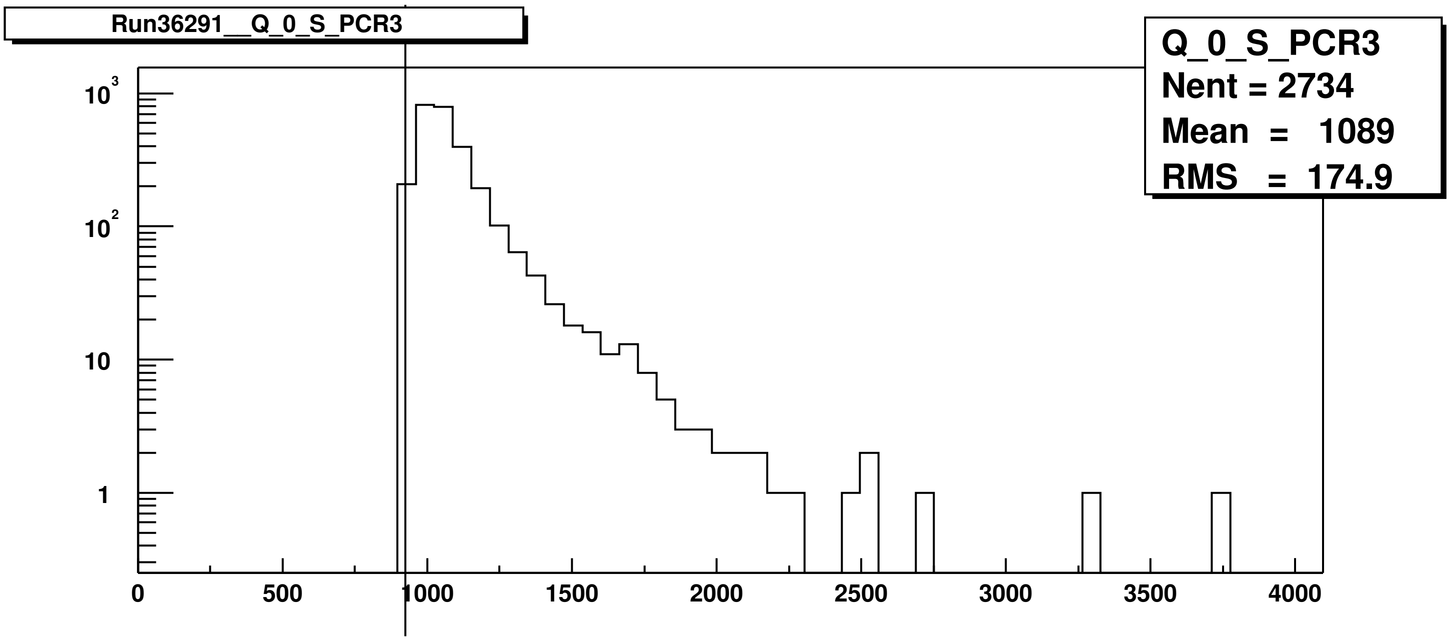

Run36291__Q_cut_S_PCR2
Q_cut_S_PCR2
Nent = 3104
Mean = 805.6
RMS = 132.5
Chi2 / ndf = 4.044 / 9
Prob = 0.9085
Constant = 49.06 ± 180.4
Mean = -1.035e+04 ± 6336
Sigma = 4601 ± 4335

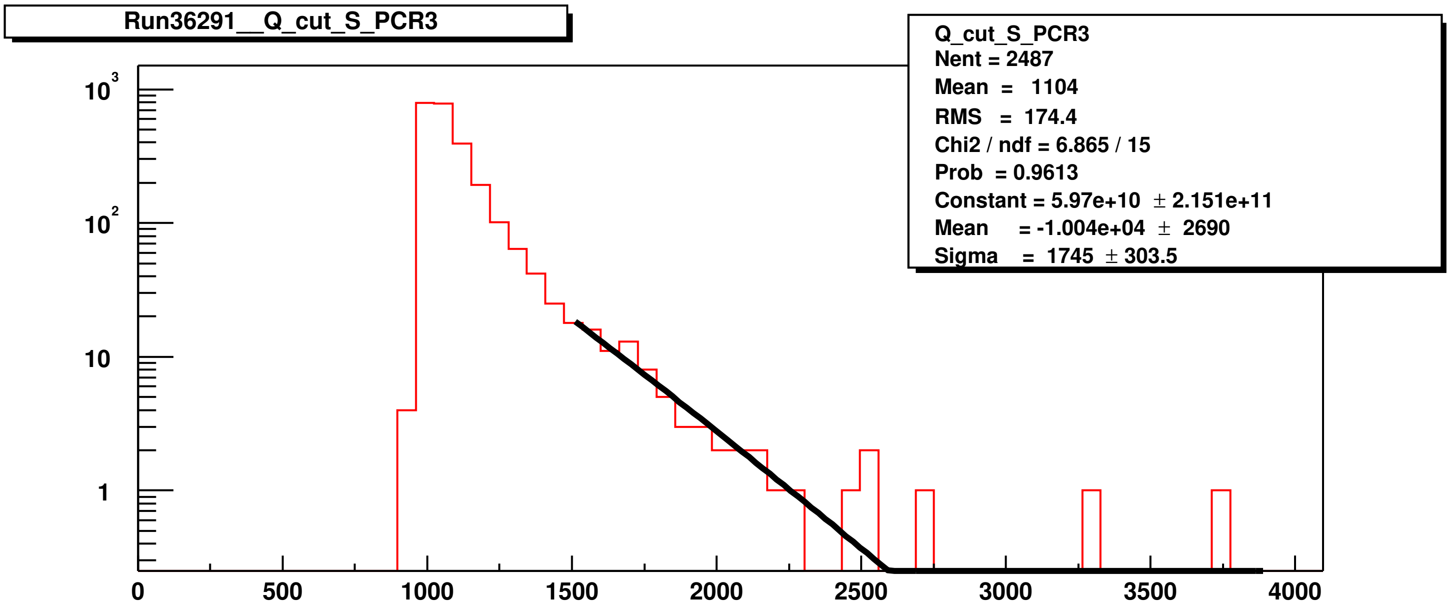

Run36291__Q_0_S_PCR2
Q_0_S_PCR2
Nent = 3613
Mean = 806.1
RMS = 123.8

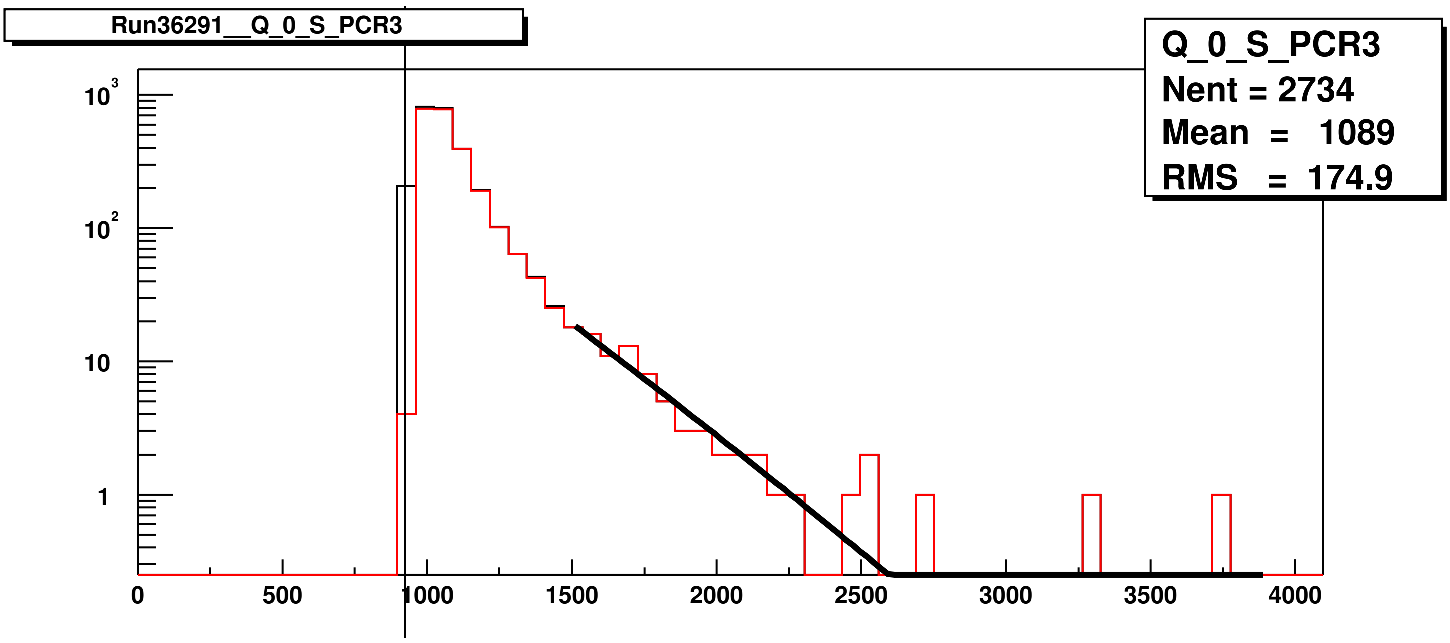

Run36291__T_0_S_PCR2
T_0_S_PCR2
Nent = 3613
Mean = 11.89
RMS = 5.278
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

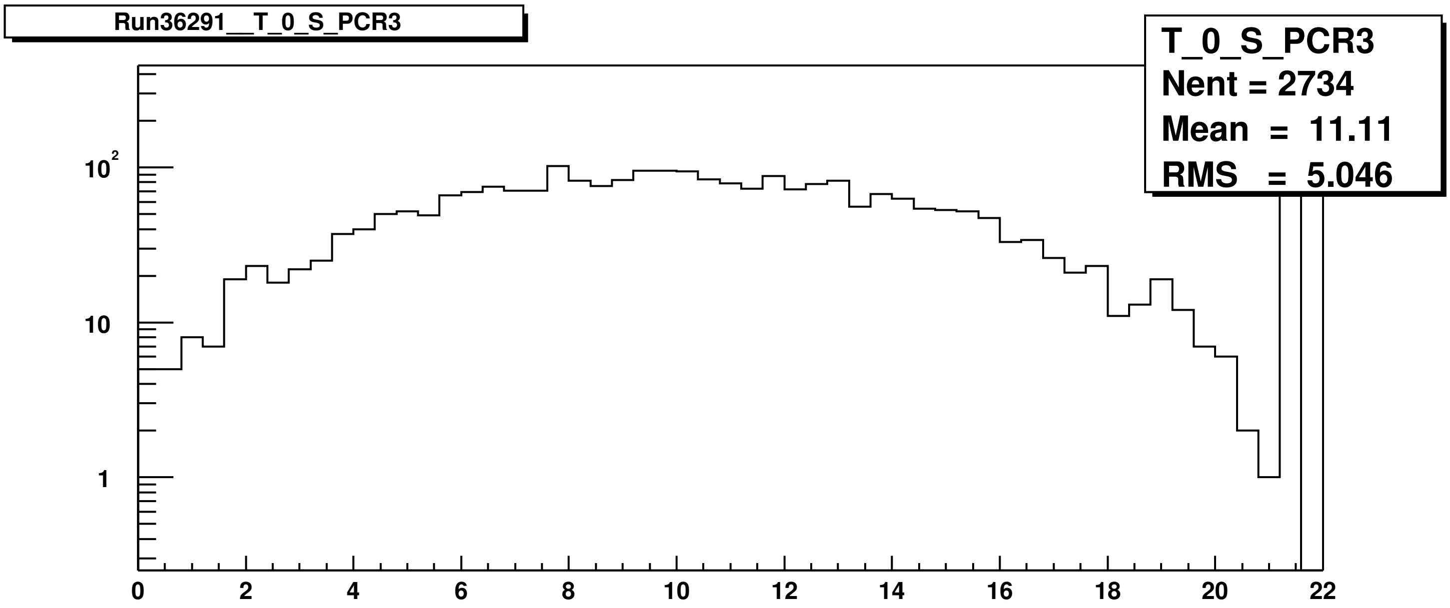

Run36291__T_cut_S_PCR2
T_cut_S_PCR2
Nent = 3104
Mean = 10.37
RMS = 4.002
Chi2 / ndf = 59.91 / 43
Prob = 0.04213
Constant = 117.7 ± 2.785
Mean = 10.38 ± 0.08372
Sigma = 4.192 ± 0.07553
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

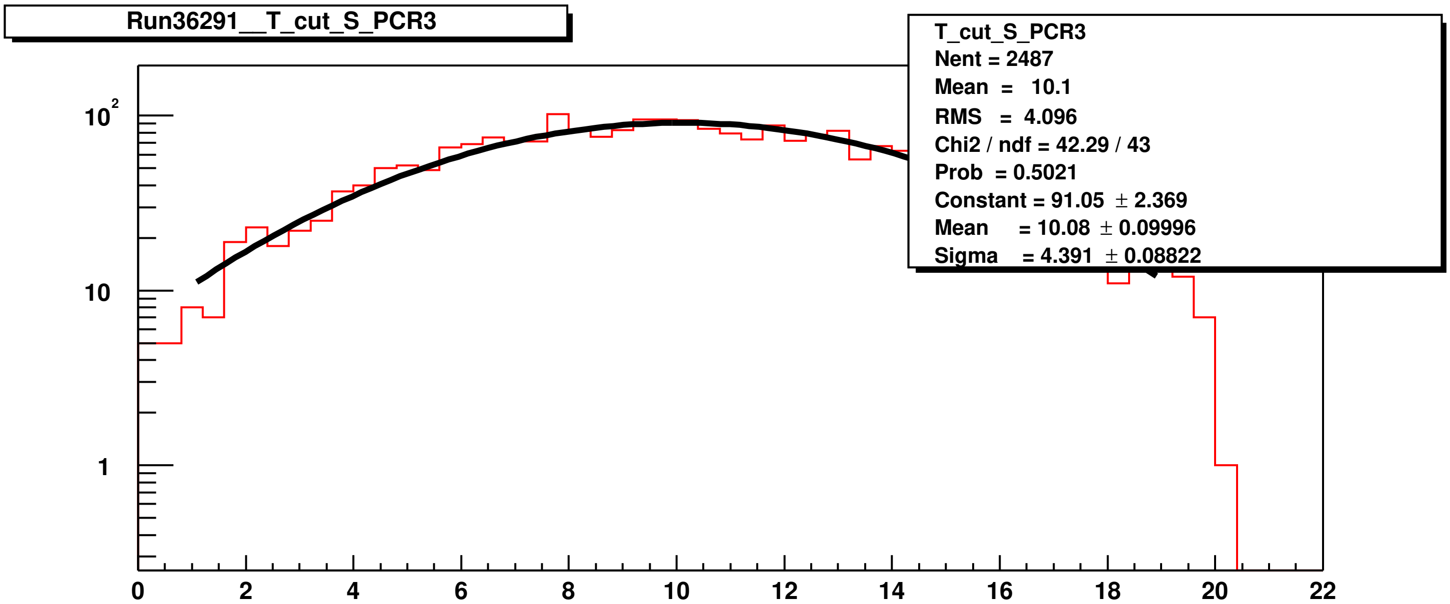

Run36291__T_0_S_PCR2
T_0_S_PCR2
Nent = 3613
Mean = 11.89
RMS = 5.278
10^2
10
1
0
2
4
6
8
10
12
14
16
18
20
22

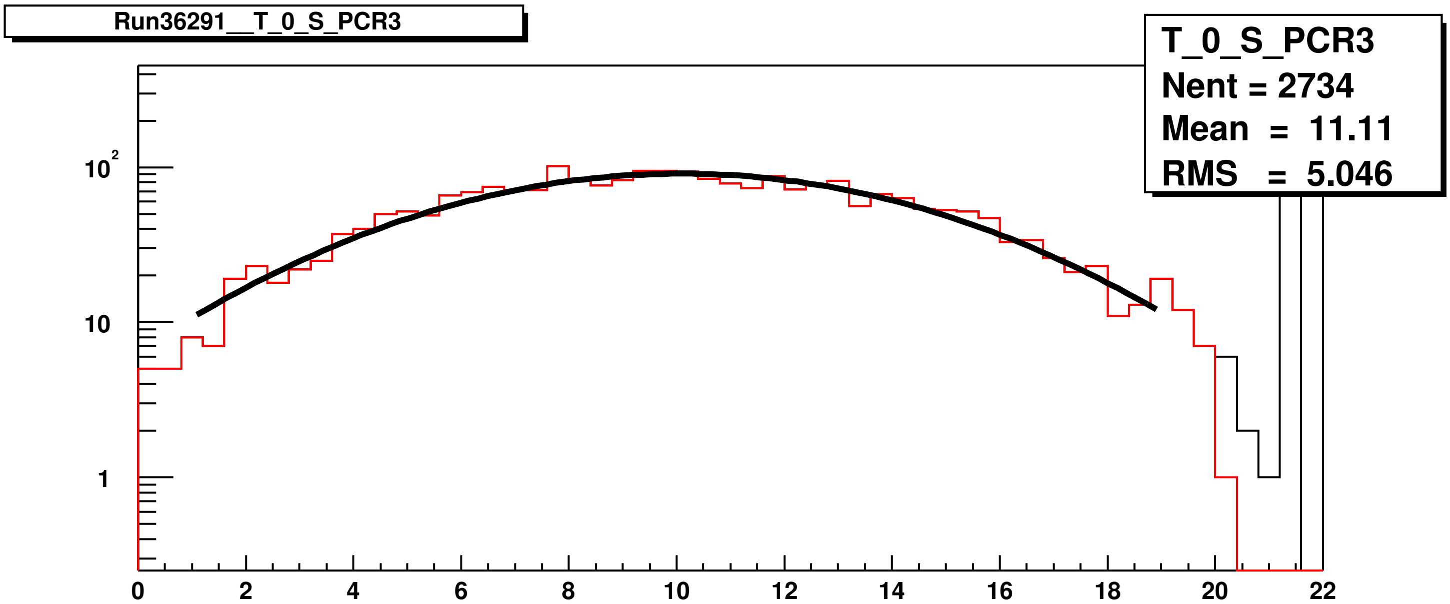

Run36291__Q_0_S_PCR3
Q_0_S_PCR3
Nent = 2734
Mean = 1089
RMS = 174.9
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

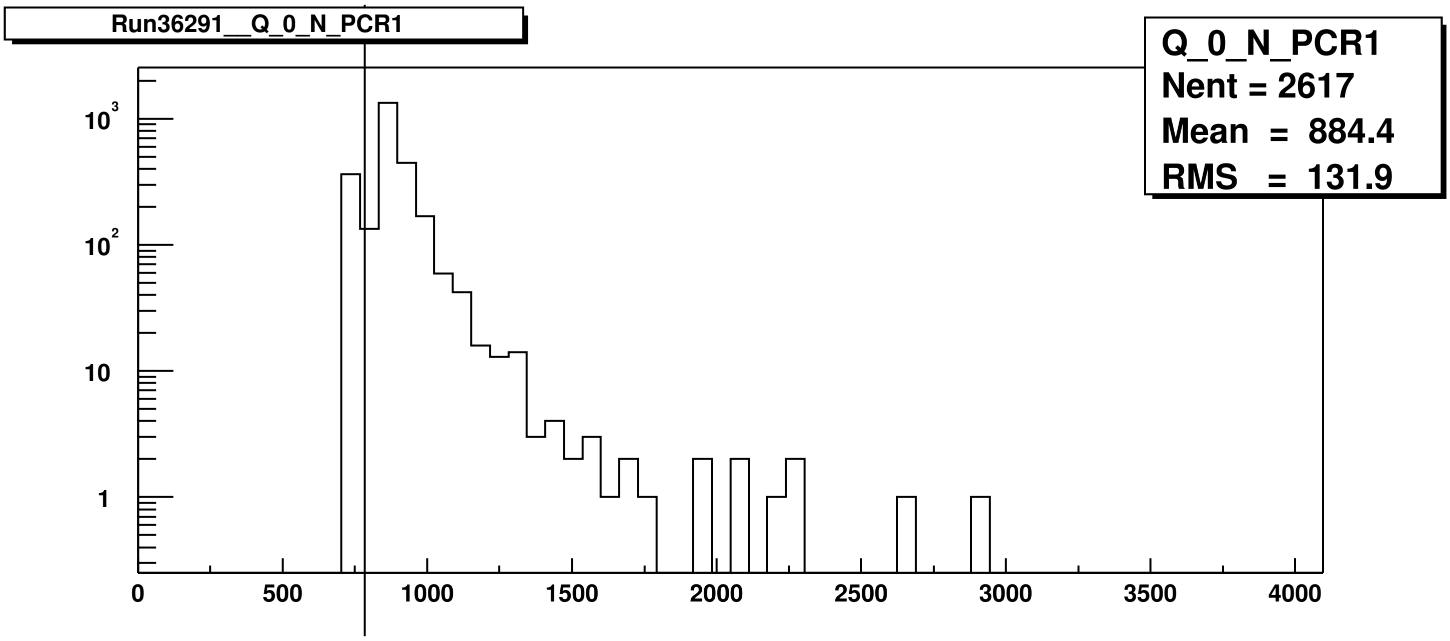

Run36291__Q_cut_S_PCR3
Q_cut_S_PCR3
Nent = 2487
Mean = 1104
RMS = 174.4
Chi2 / ndf = 6.865 / 15
Prob = 0.9613
Constant = 5.97e+10 ± 2.151e+11
Mean = -1.004e+04 ± 2690
Sigma = 1745 ± 303.5
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

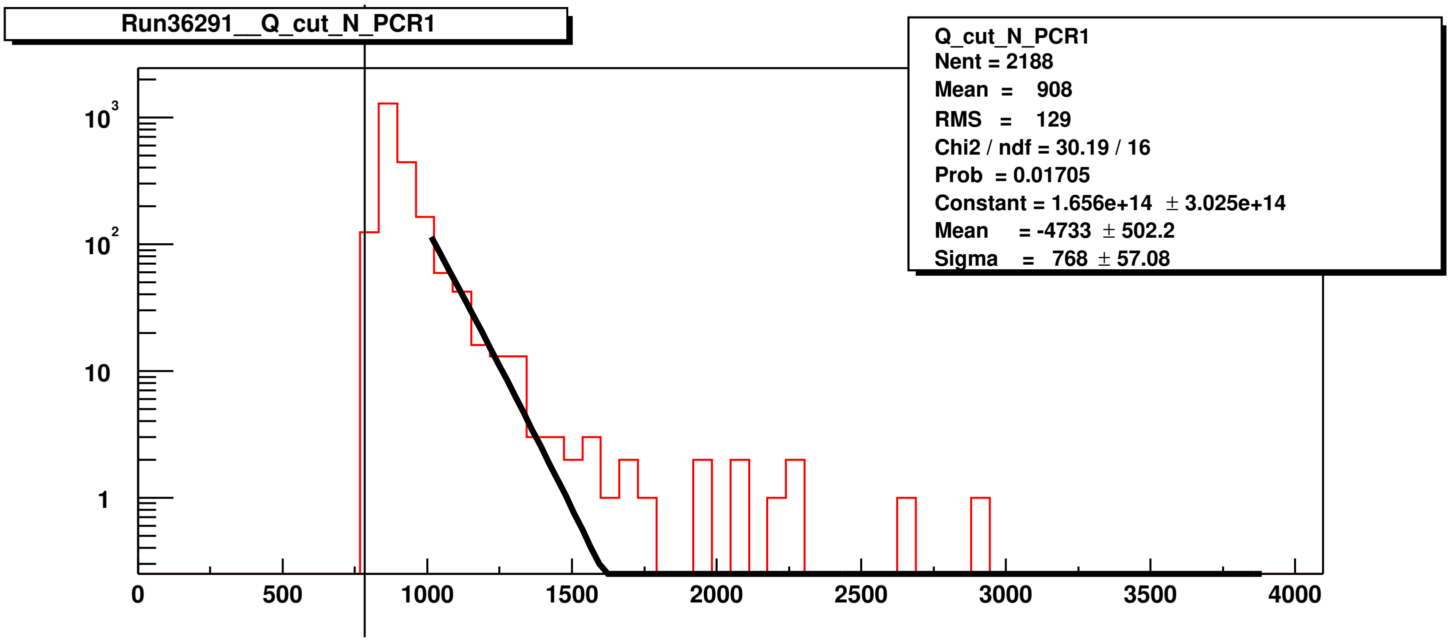

Run36291__Q_0_S_PCR3
Q_0_S_PCR3
Nent = 2734
Mean = 1089
RMS = 174.9
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

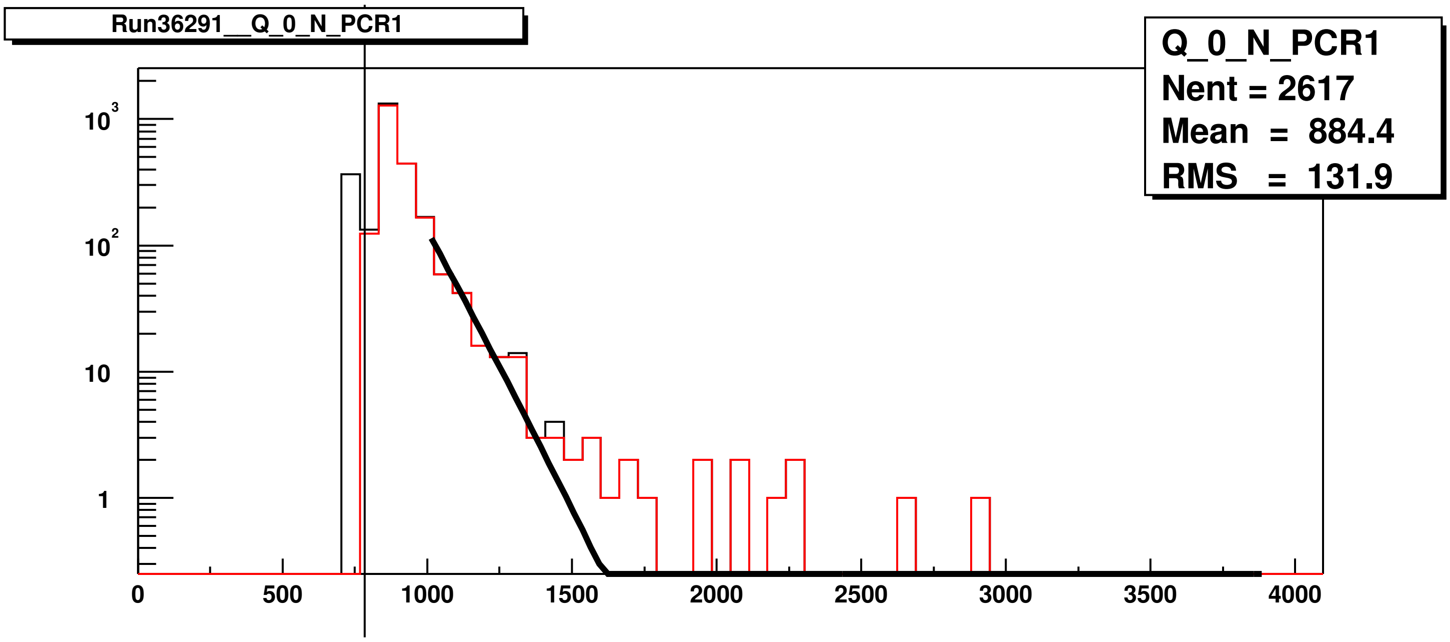

Run36291__T_0_S_PCR3
T_0_S_PCR3
Nent = 2734
Mean = 11.11
RMS = 5.046
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

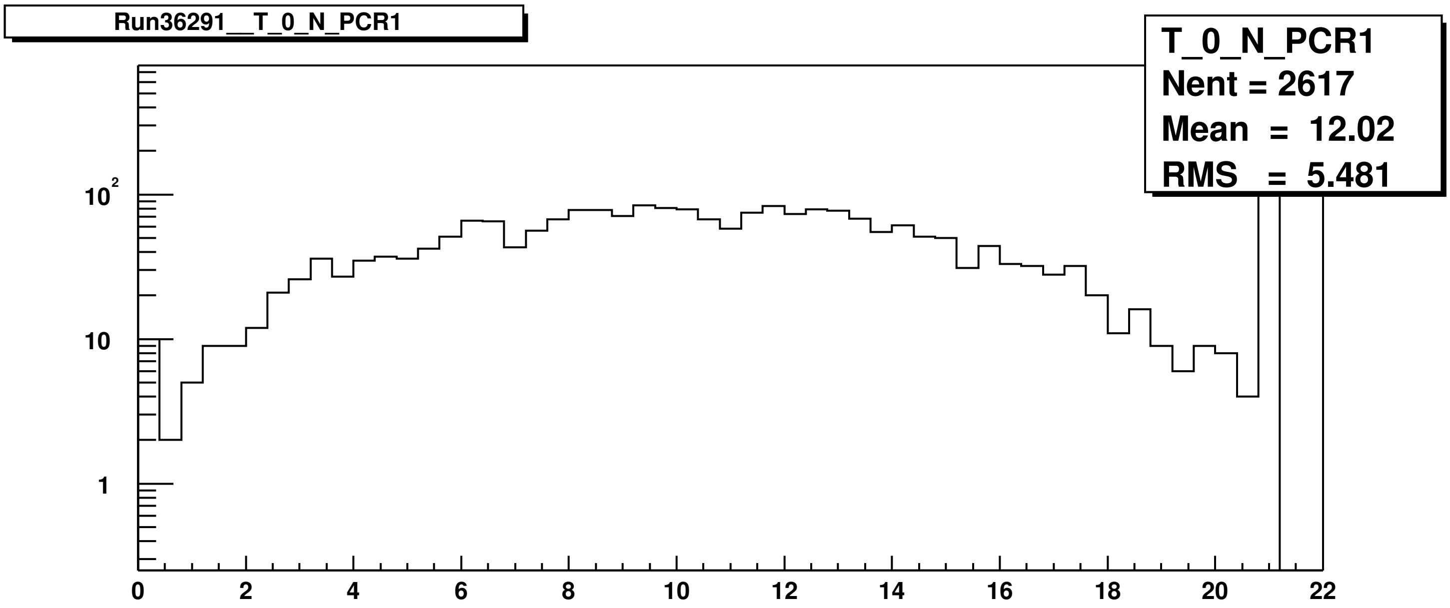

Run36291__T_cut_S_PCR3
T_cut_S_PCR3
Nent = 2487
Mean = 10.1
RMS = 4.096
Chi2 / ndf = 42.29 / 43
Prob = 0.5021
Constant = 91.05 ± 2.369
Mean = 10.08 ± 0.09996
Sigma = 4.391 ± 0.08822
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

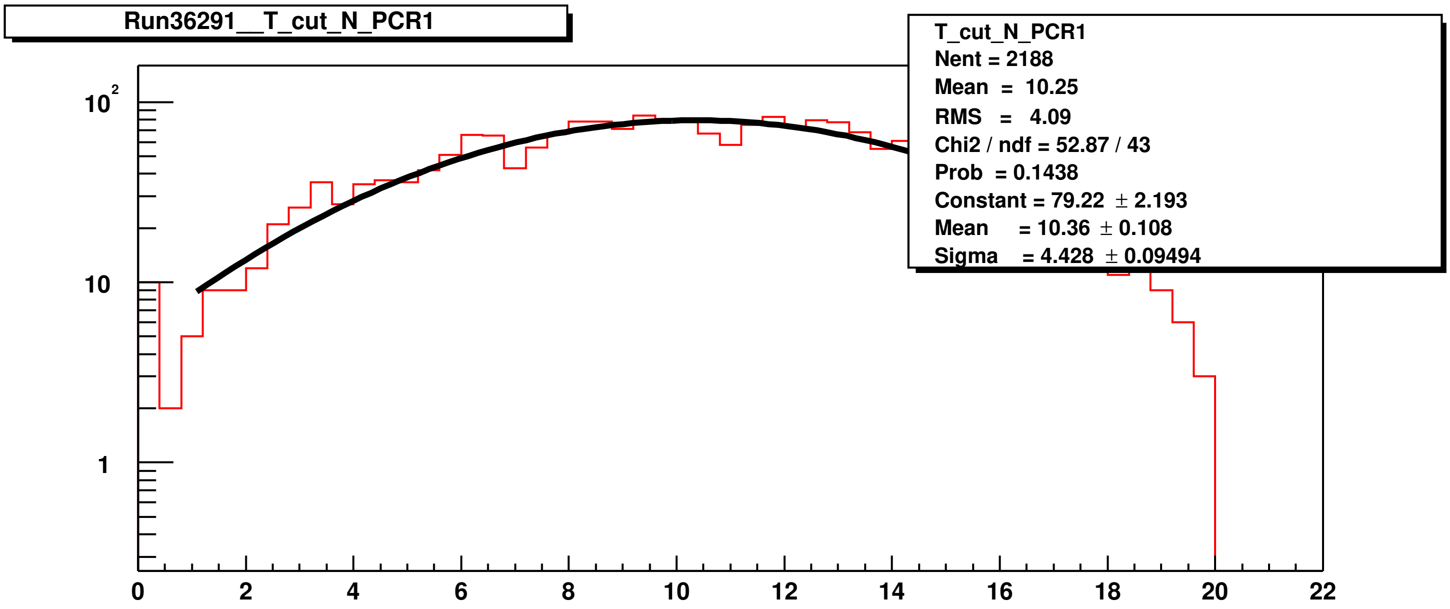

Run36291__T_0_S_PCR3
T_0_S_PCR3
Nent = 2734
Mean = 11.11
RMS = 5.046
10^2
10
1
0 2 4 6 8 10 12 14 16 18 20 22

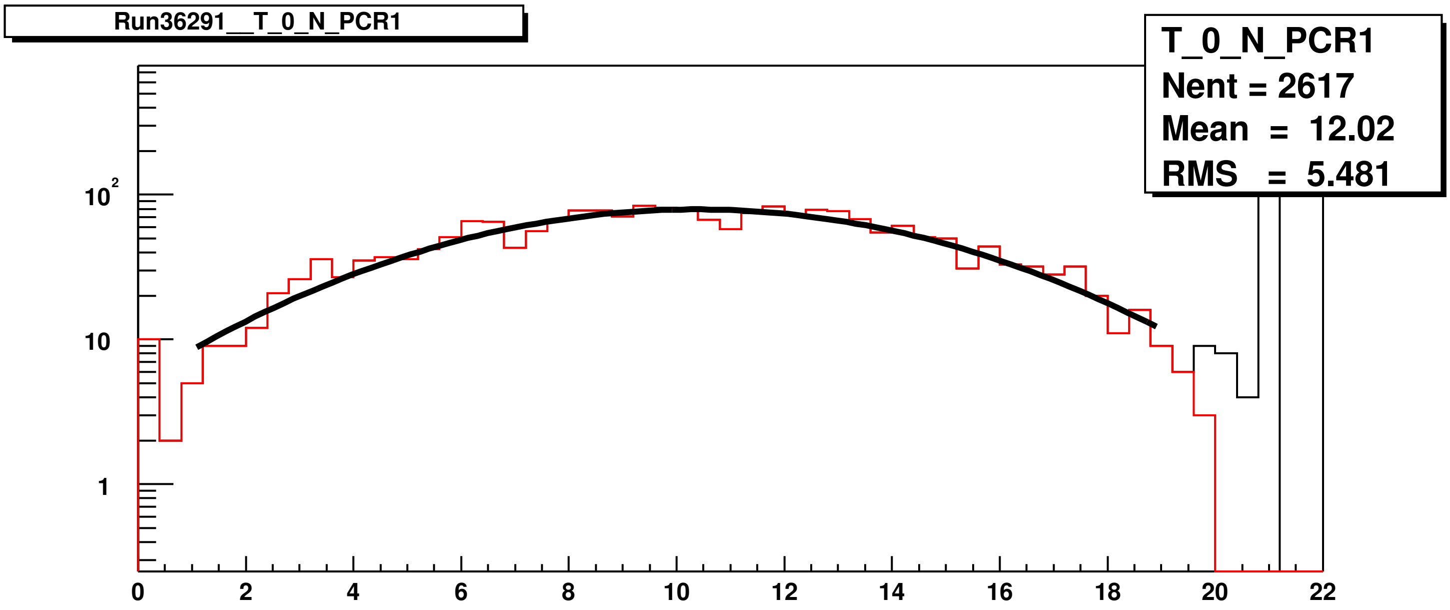

Run36291__Q_0_N_PCR1
Q_0_N_PCR1
Nent = 2617
Mean = 884.4
RMS = 131.9
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

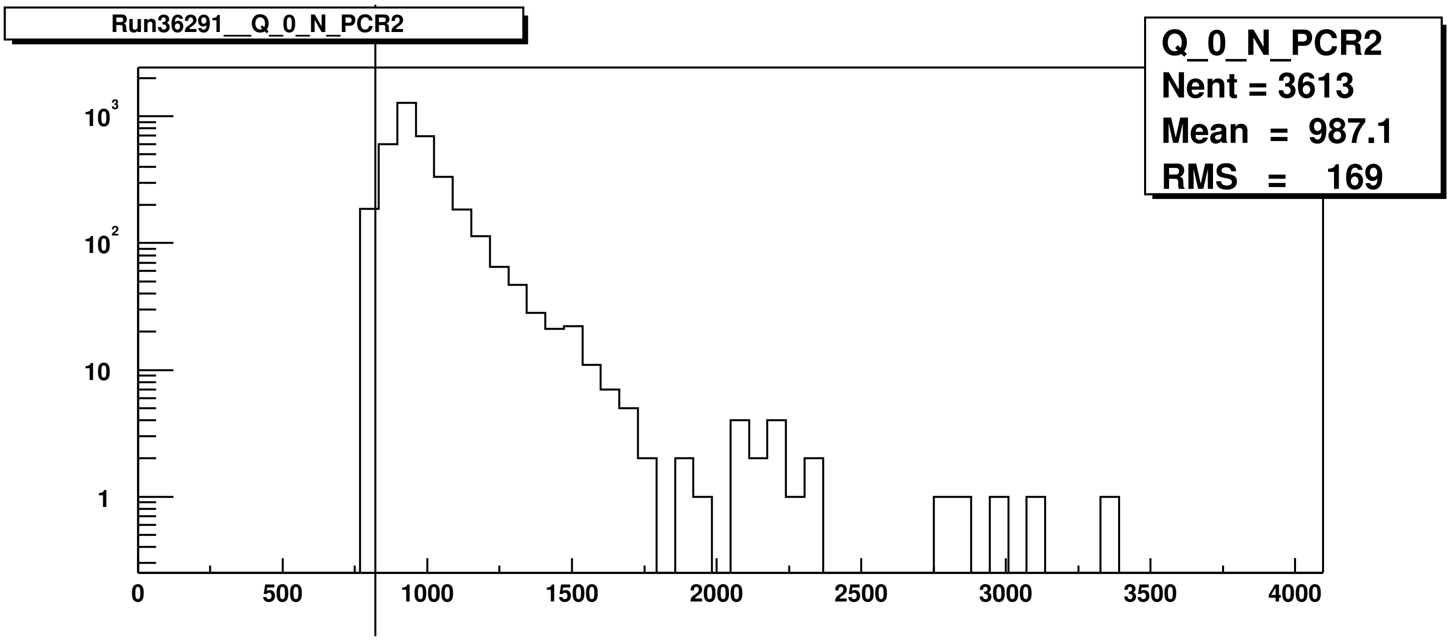

Run36291__Q_cut_N_PCR1
Q_cut_N_PCR1
Nent = 2188
Mean = 908
RMS = 129
Chi2 / ndf = 30.19 / 16
Prob = 0.01705
Constant = 1.656e+14 ± 3.025e+14
Mean = -4733 ± 502.2
Sigma = 768 ± 57.08
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

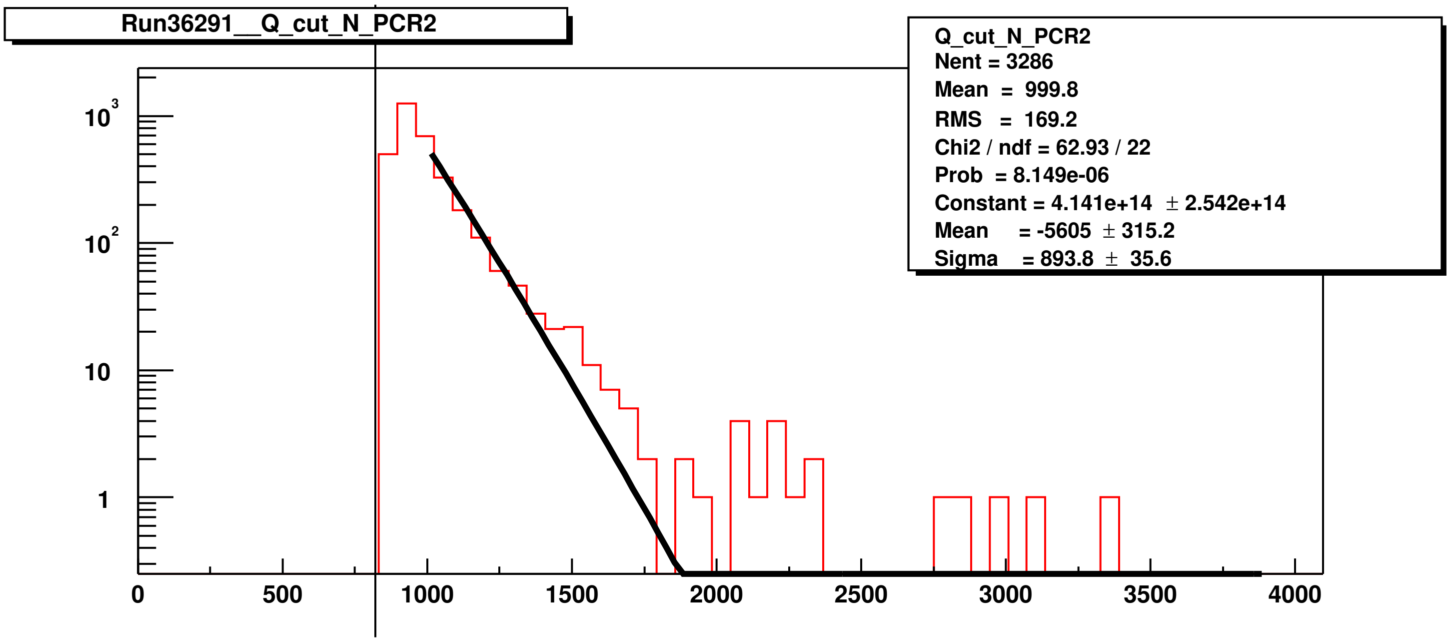

Run36291__Q_0_N_PCR1
Q_0_N_PCR1
Nent = 2617
Mean = 884.4
RMS = 131.9
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000

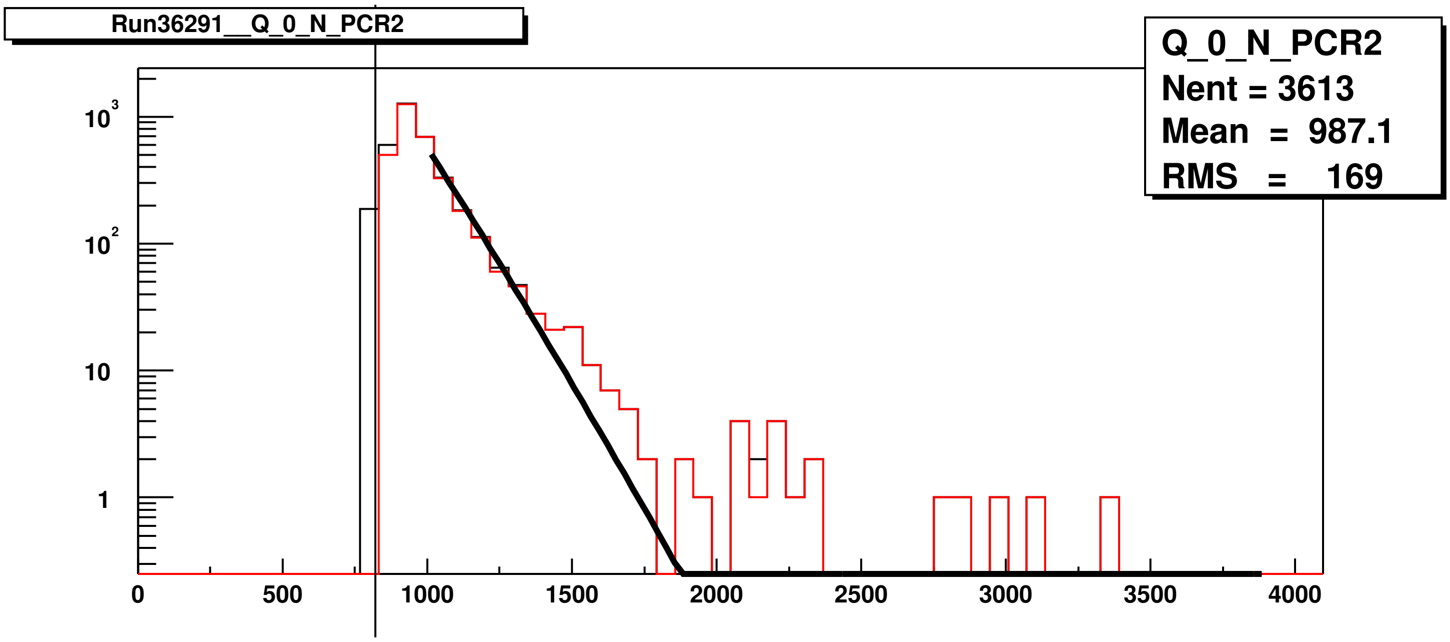

Run36291__T_0_N_PCR1
T_0_N_PCR1
Nent = 2617
Mean = 12.02
RMS = 5.481

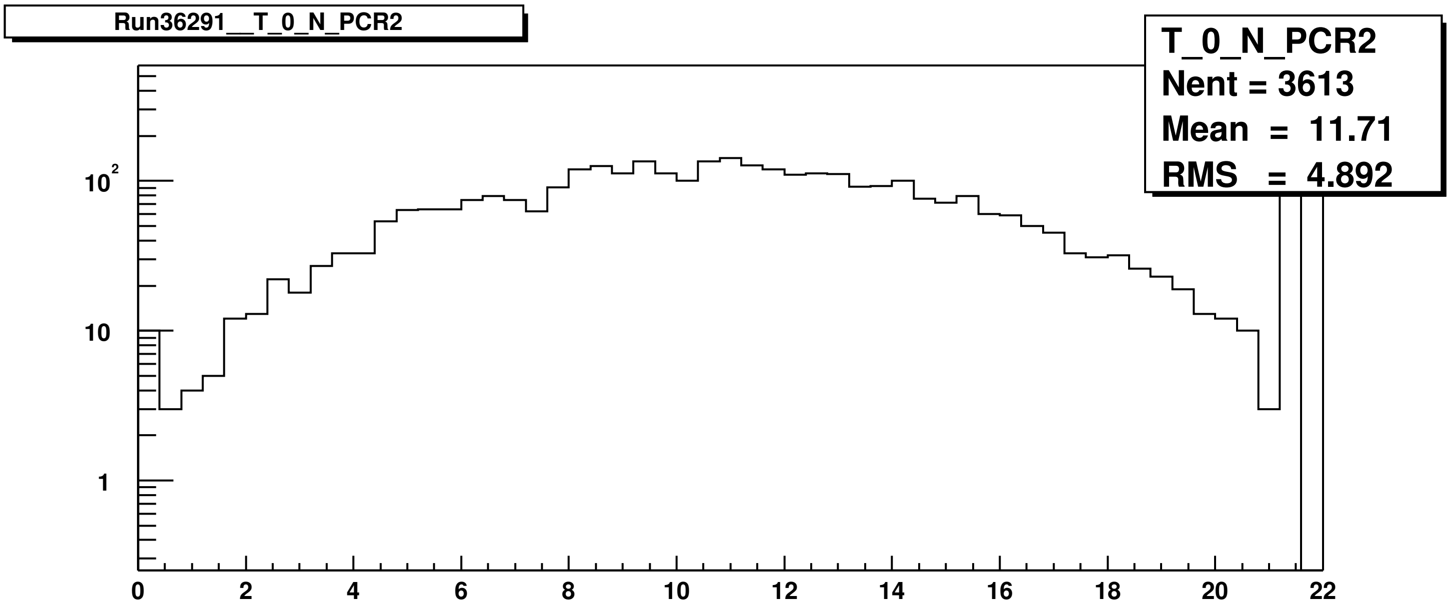

Run36291__T_cut_N_PCR1
T_cut_N_PCR1
Nent = 2188
Mean = 10.25
RMS = 4.09
Chi2 / ndf = 52.87 / 43
Prob = 0.1438
Constant = 79.22 ± 2.193
Mean = 10.36 ± 0.108
Sigma = 4.428 ± 0.09494

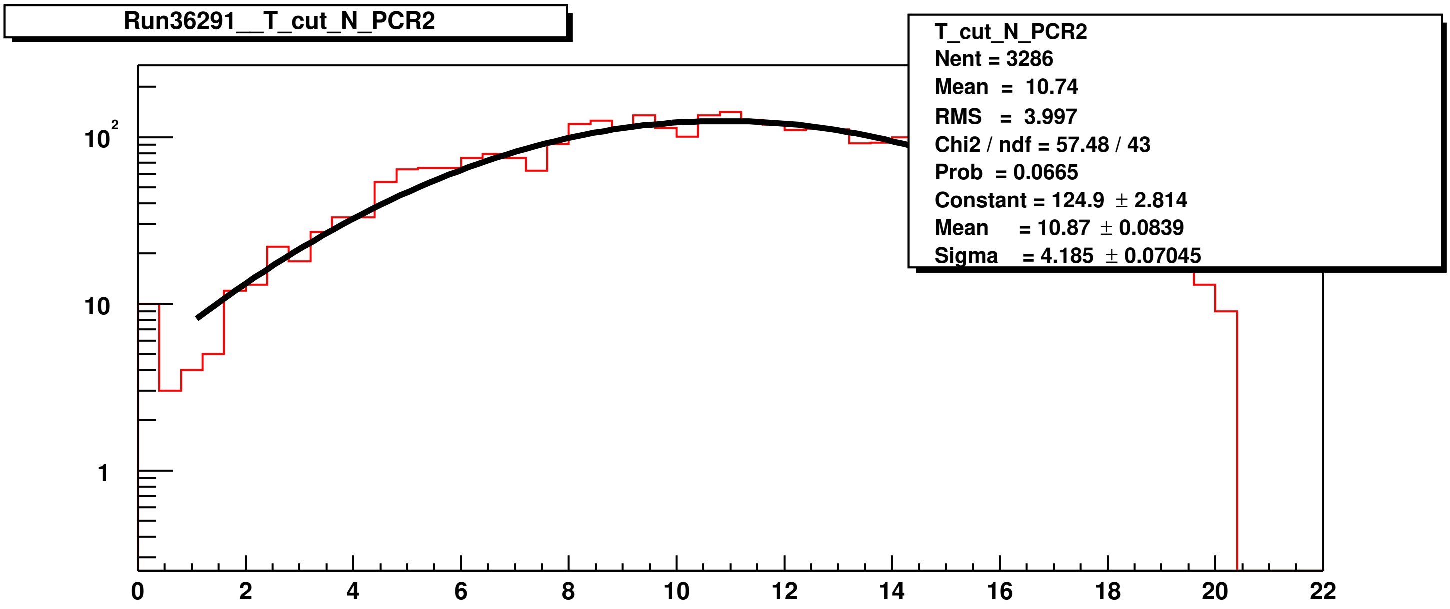

Run36291__T_0_N_PCR1
T_0_N_PCR1
Nent = 2617
Mean = 12.02
RMS = 5.481

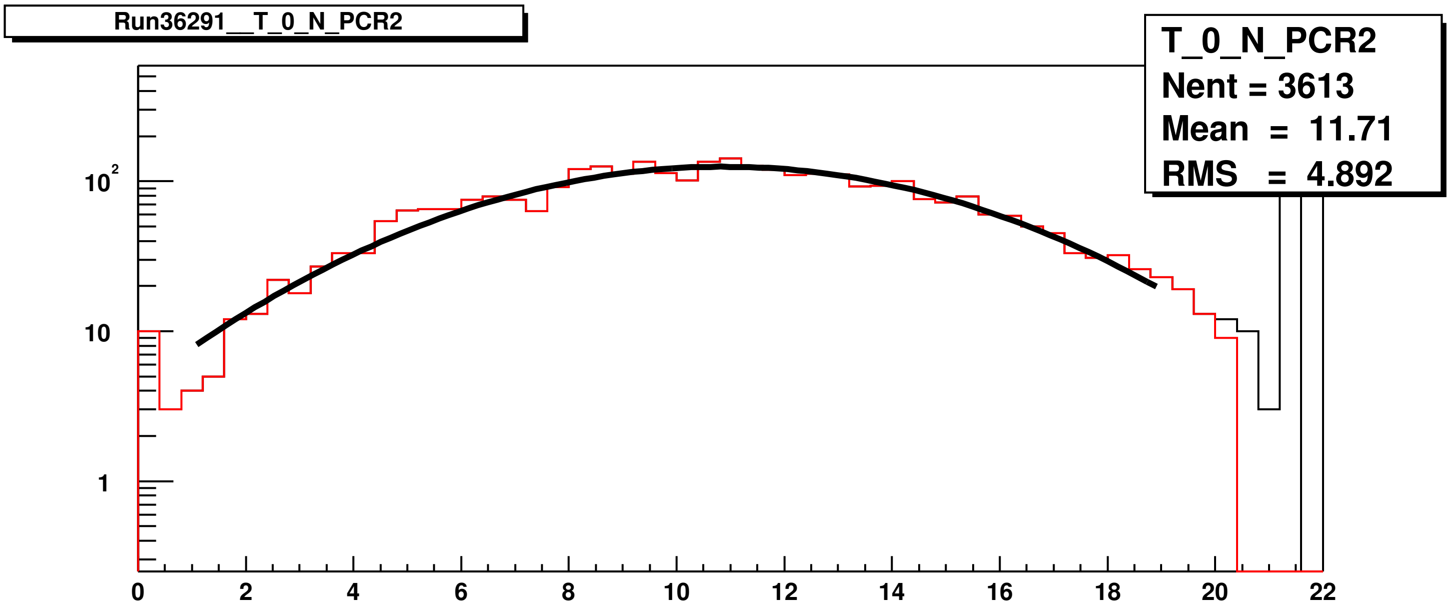

Run36291__Q_0_N_PCR2
Q_0_N_PCR2
Nent = 3613
Mean = 987.1
RMS = 169
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3

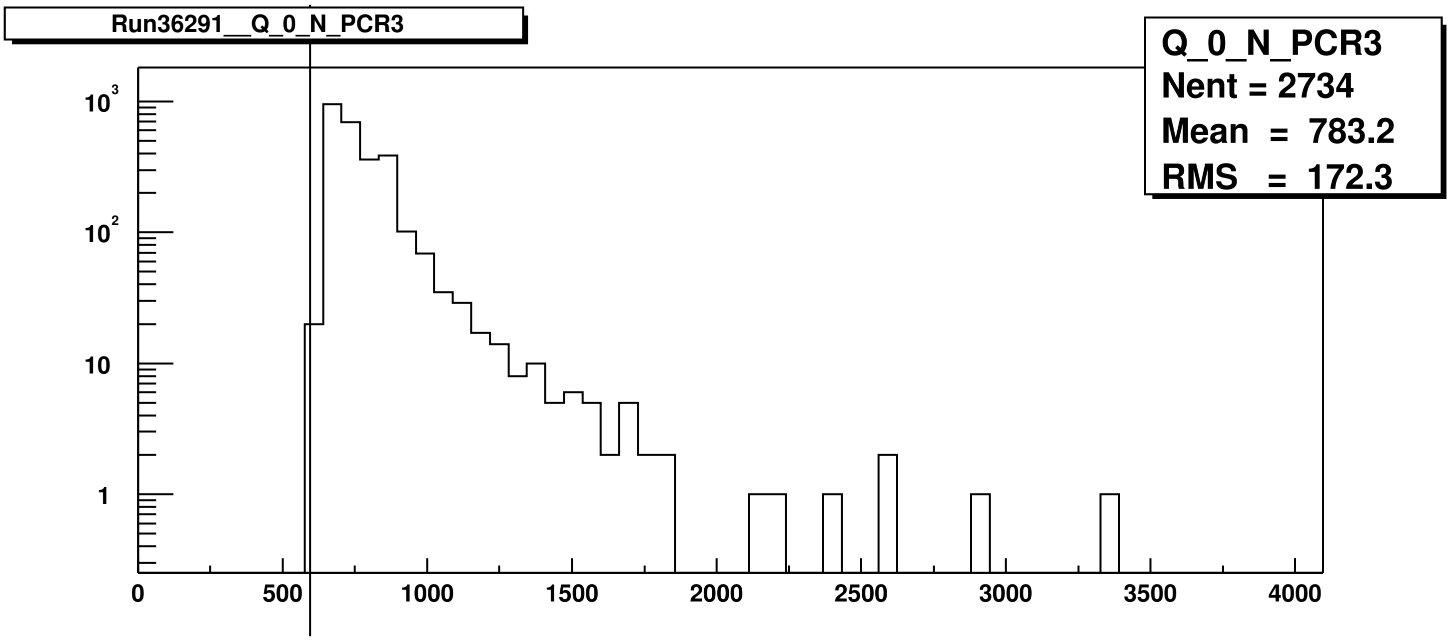

Run36291__Q_cut_N_PCR2
Q_cut_N_PCR2
Nent = 3286
Mean = 999.8
RMS = 169.2
Chi2 / ndf = 62.93 / 22
Prob = 8.149e-06
Constant = 4.141e+14 ± 2.542e+14
Mean = -5605 ± 315.2
Sigma = 893.8 ± 35.6
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3

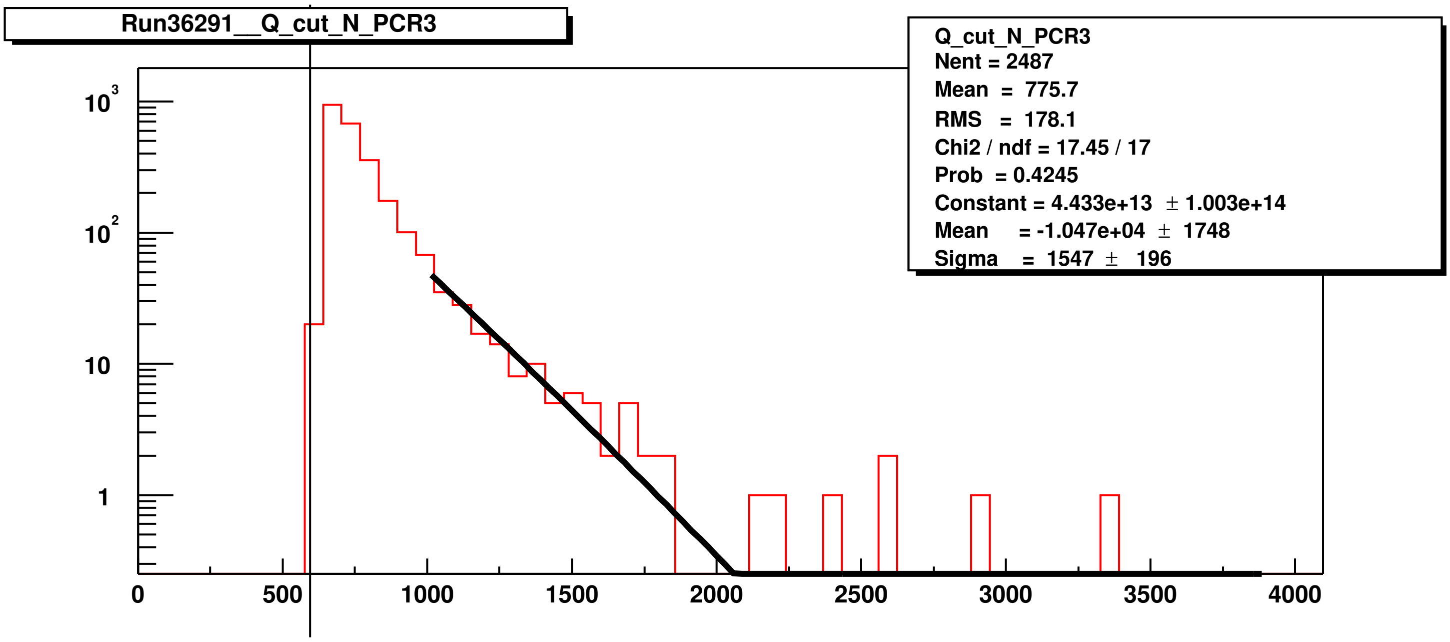

Run36291__Q_0_N_PCR2
Q_0_N_PCR2
Nent = 3613
Mean = 987.1
RMS = 169
0
500
1000
1500
2000
2500
3000
3500
4000
1
10
10^2
10^3

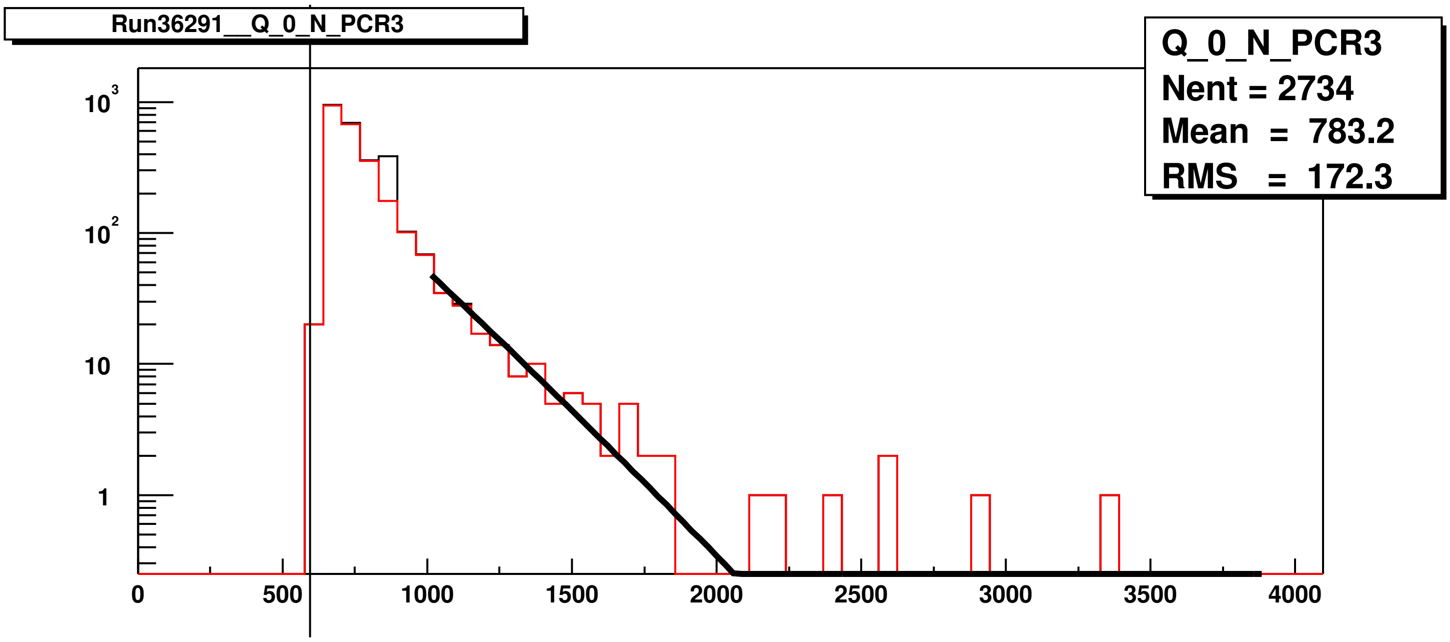

Run36291__T_0_N_PCR2
T_0_N_PCR2
Nent = 3613
Mean = 11.71
RMS = 4.892

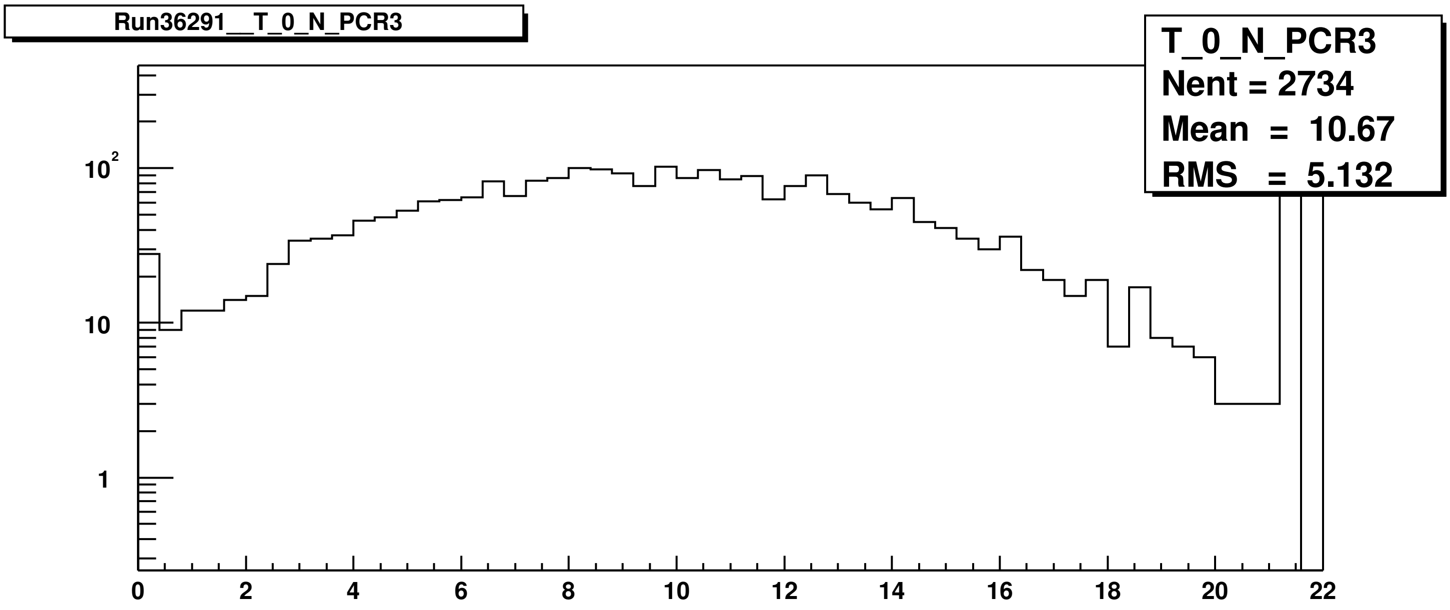

Run36291__T_cut_N_PCR2
T_cut_N_PCR2
Nent = 3286
Mean = 10.74
RMS = 3.997
Chi2 / ndf = 57.48 / 43
Prob = 0.0665
Constant = 124.9 ± 2.814
Mean = 10.87 ± 0.0839
Sigma = 4.185 ± 0.07045

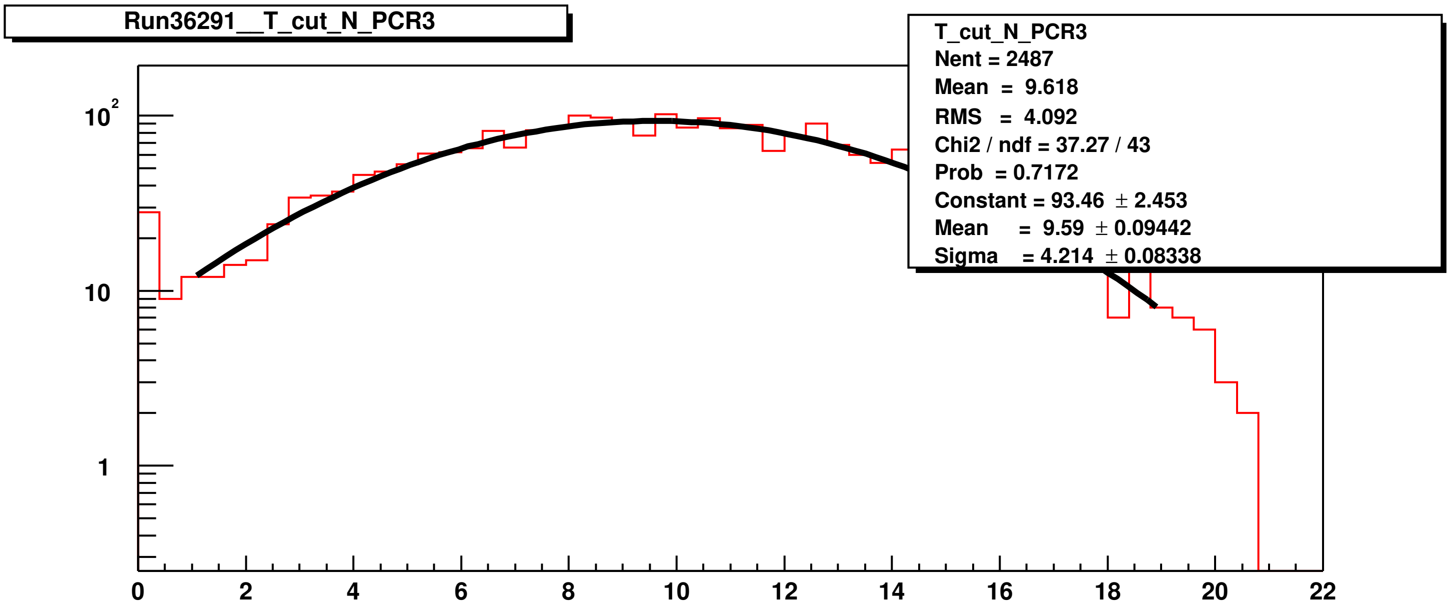

Run36291__T_0_N_PCR2
T_0_N_PCR2
Nent = 3613
Mean = 11.71
RMS = 4.892

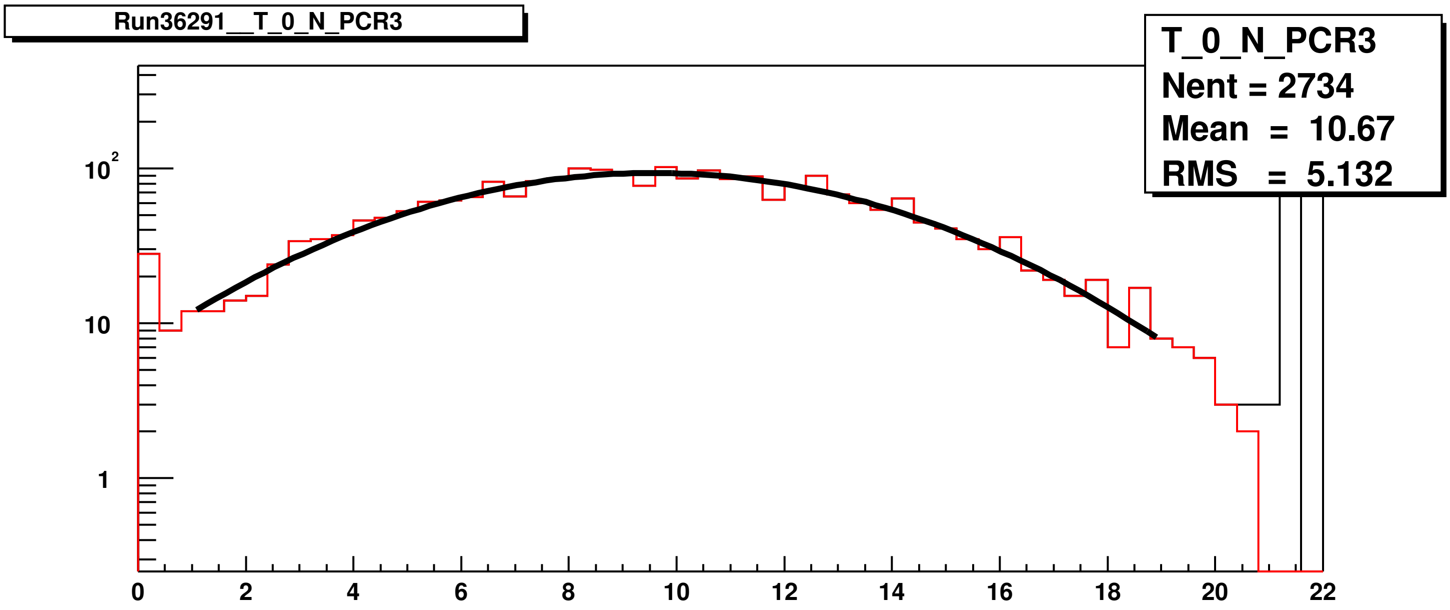

Run36291__Q_0_N_PCR3
Q_0_N_PCR3
Nent = 2734
Mean = 783.2
RMS = 172.3
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


Run36291__Q_cut_N_PCR3
Q_cut_N_PCR3
Nent = 2487
Mean = 775.7
RMS = 178.1
Chi2 / ndf = 17.45 / 17
Prob = 0.4245
Constant = 4.433e+13 ± 1.003e+14
Mean = -1.047e+04 ± 1748
Sigma = 1547 ± 196
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


Run36291__Q_0_N_PCR3
Q_0_N_PCR3
Nent = 2734
Mean = 783.2
RMS = 172.3
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000


Run36291__T_0_N_PCR3
T_0_N_PCR3
Nent = 2734
Mean = 10.67
RMS = 5.132
10²
10
1
0
2
4
6
8
10
12
14
16
18
20
22


Run36291__T_cut_N_PCR3
T_cut_N_PCR3
Nent = 2487
Mean = 9.618
RMS = 4.092
Chi2 / ndf = 37.27 / 43
Prob = 0.7172
Constant = 93.46 ± 2.453
Mean = 9.59 ± 0.09442
Sigma = 4.214 ± 0.08338
10²
10
1
0
2
4
6
8
10
12
14
16
18
20
22


Run36291__T_0_N_PCR3
T_0_N_PCR3
Nent = 2734
Mean = 10.67
RMS = 5.132
10²
10
1
0
2
4
6
8
10
12
14
16
18
20
22