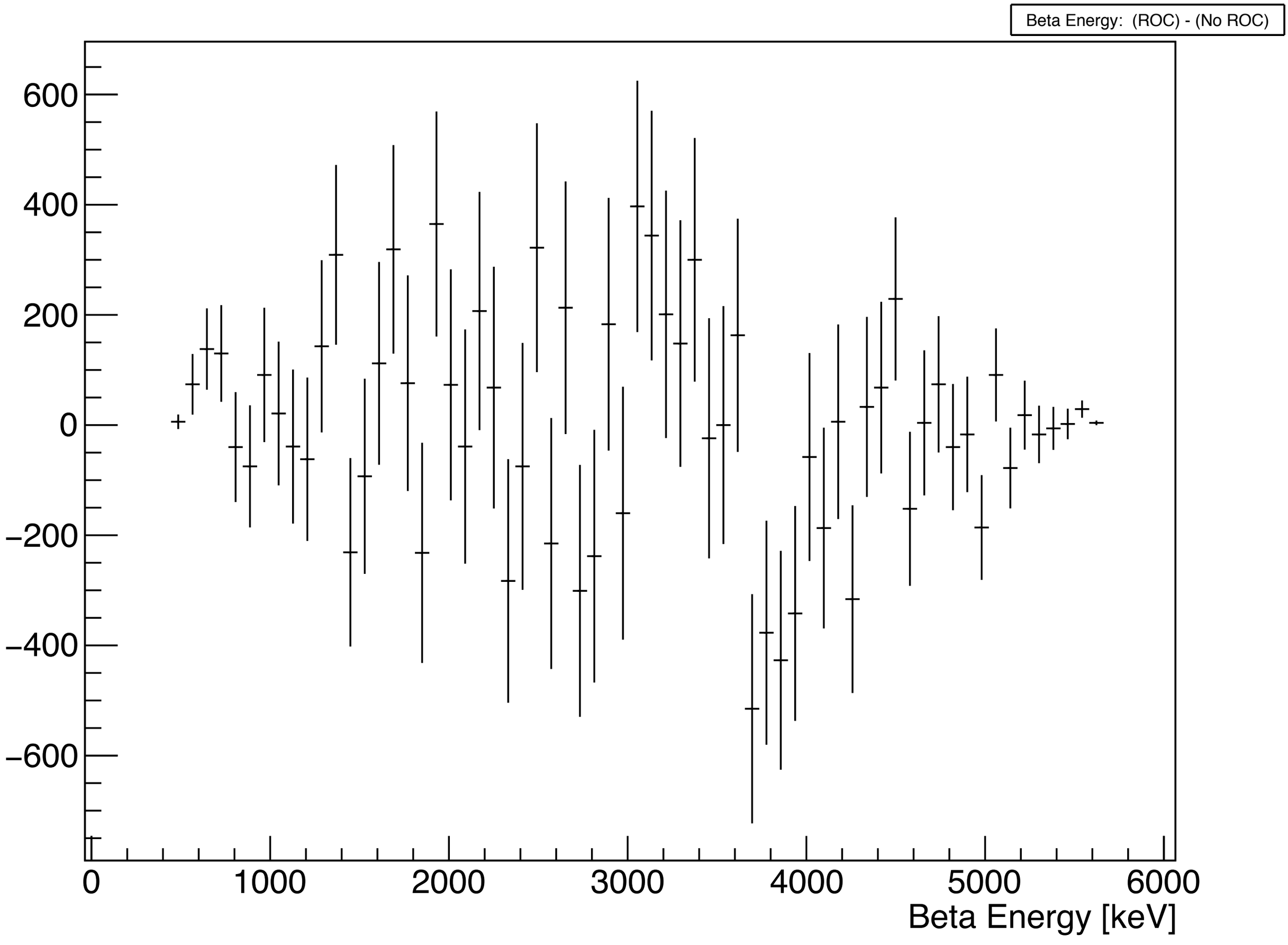
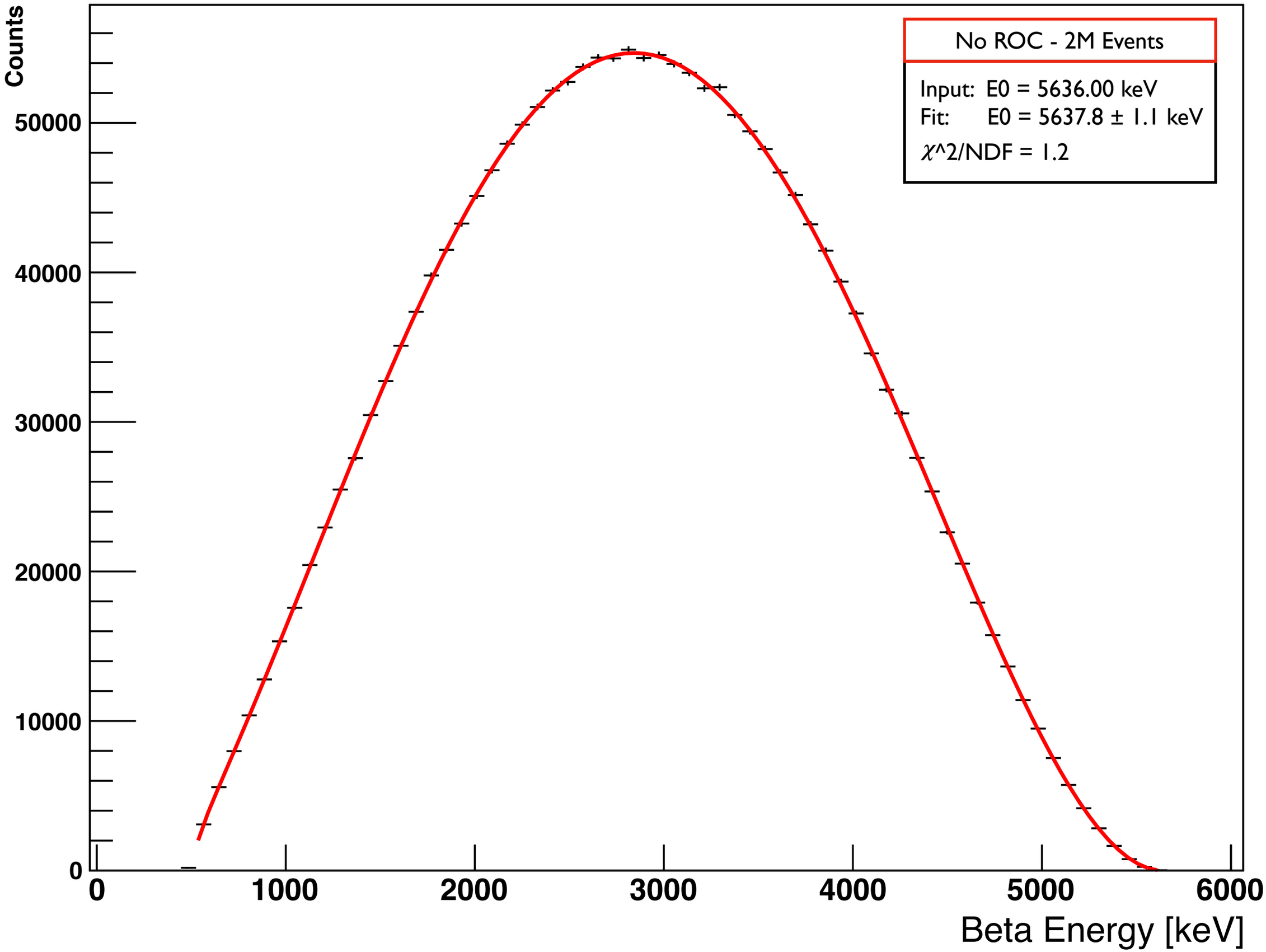
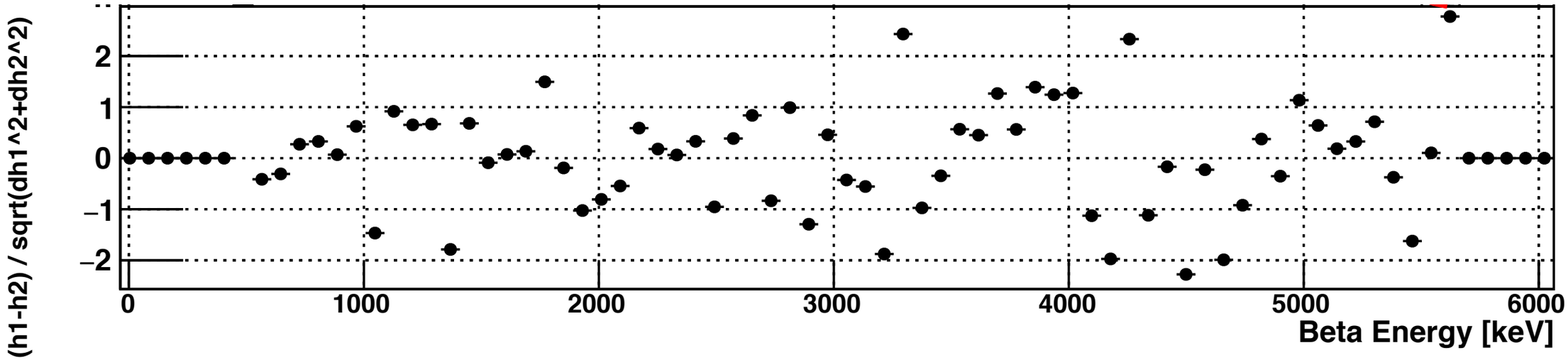
Beta Energy: (ROC) - (No ROC)

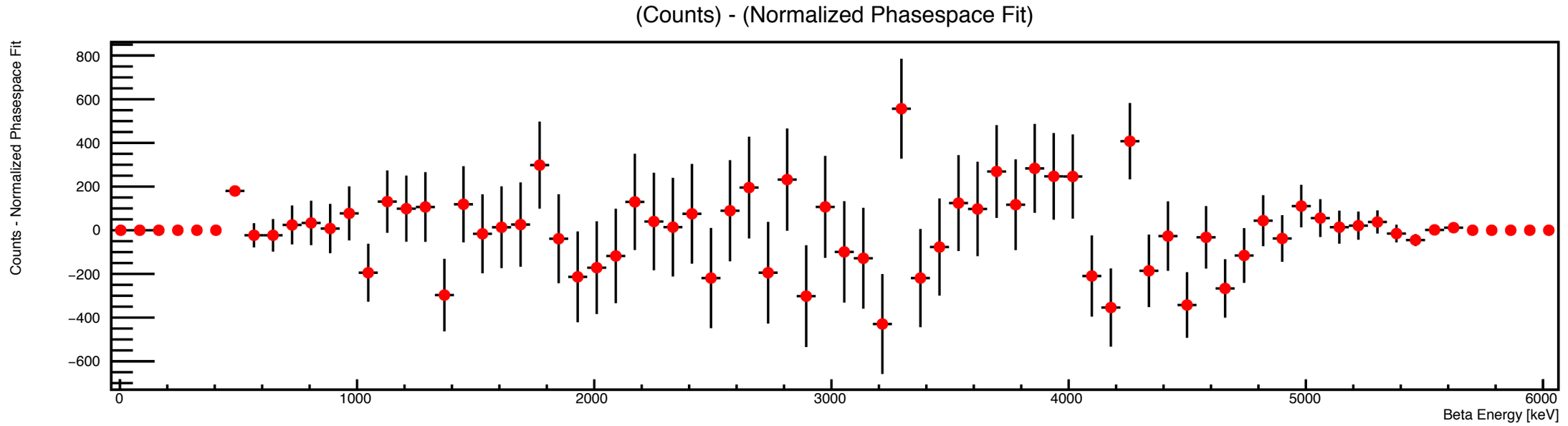


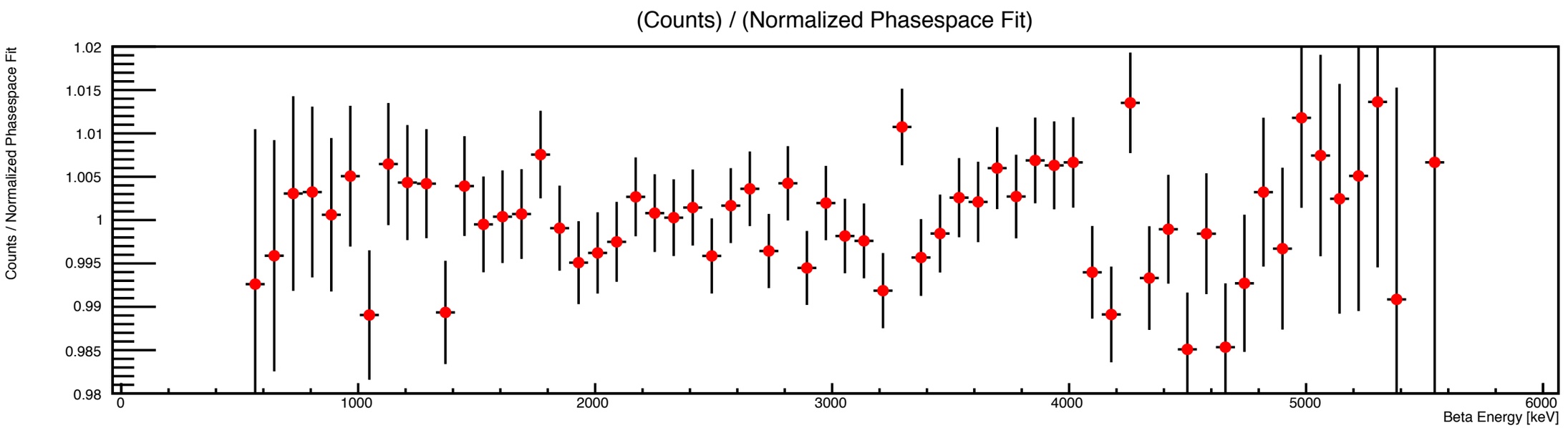
Beta Total Energy



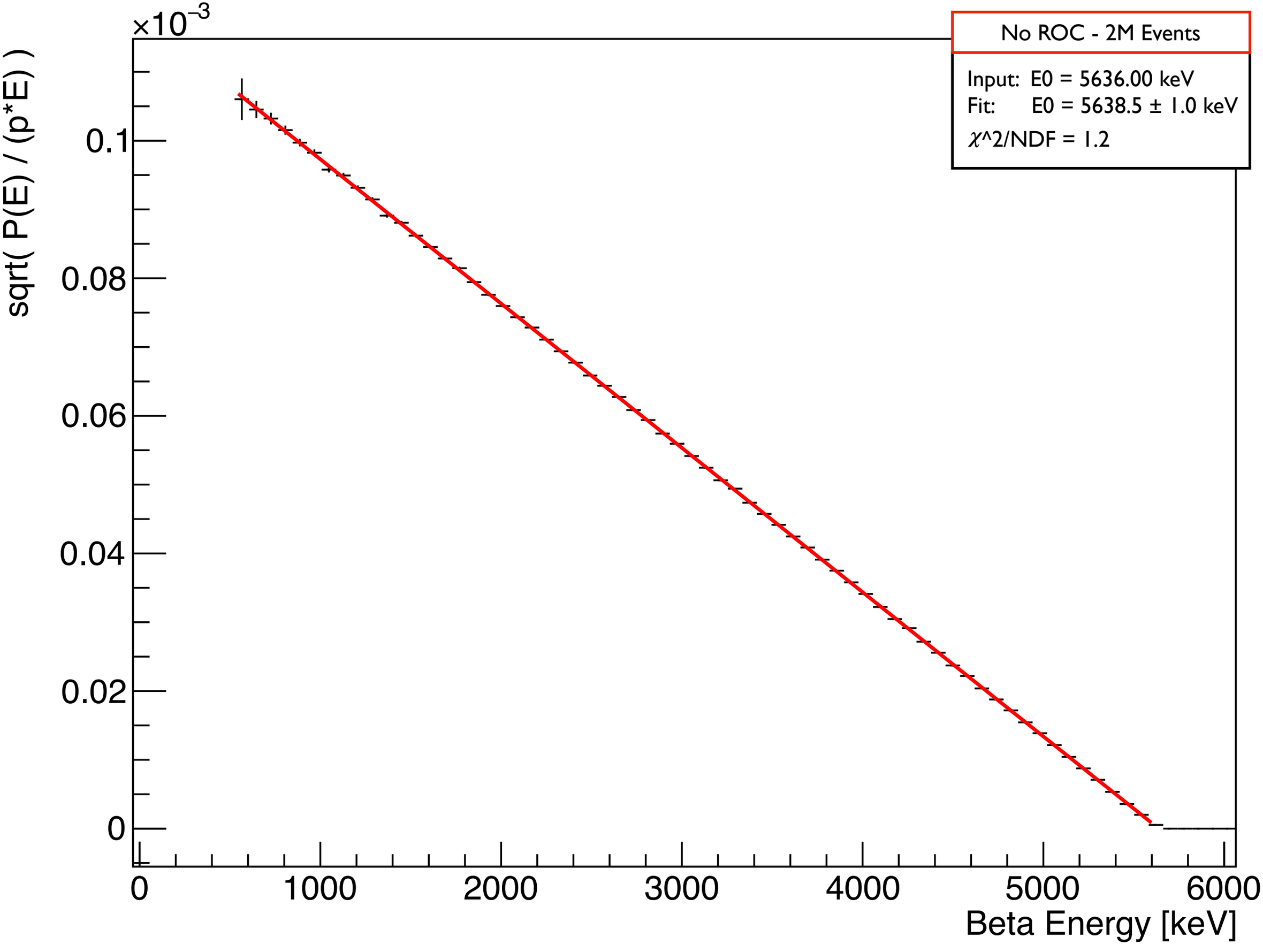
No ROC - 2M Events



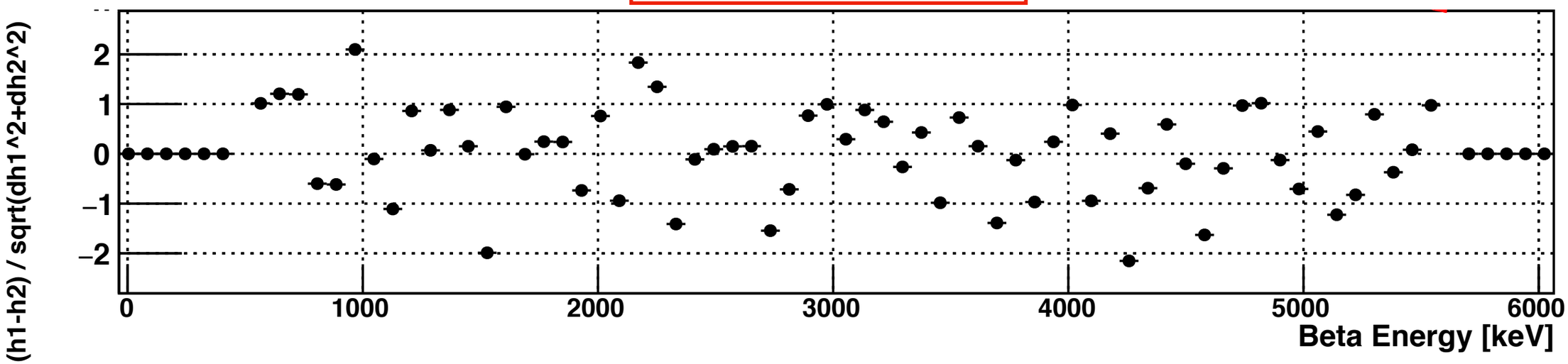




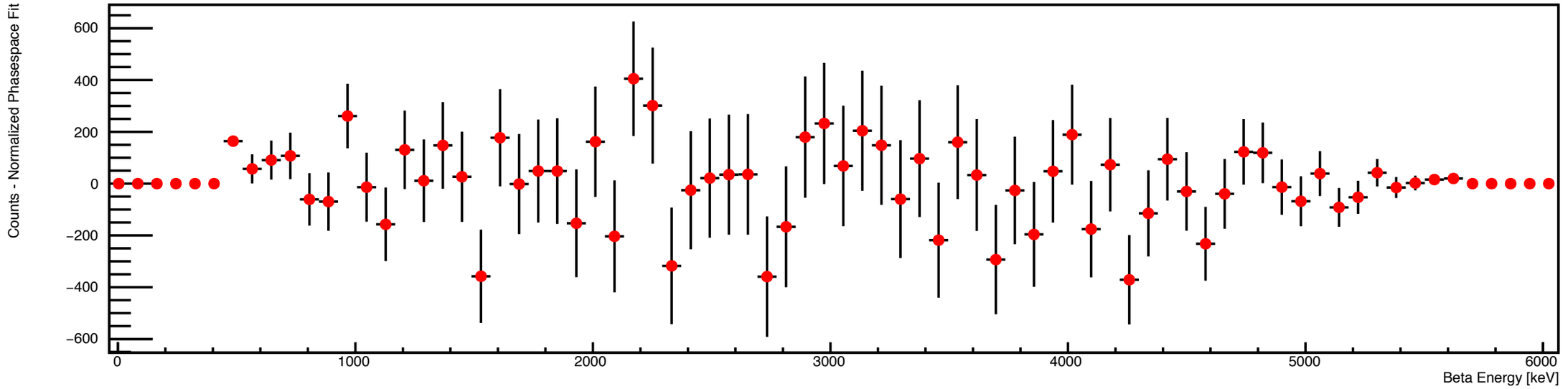
Kurie Plot


×10⁻³
sqrt(P(E) / (p*E))
0.1
0.08
0.06
0.04
0.02
0
0
1000
2000
3000
4000
5000
6000
Beta Energy [keV]
No ROC - 2M Events
Input: E0 = 5636.00 keV
Fit: E0 = 5638.5 ± 1.0 keV
χ^2/NDF = 1.2

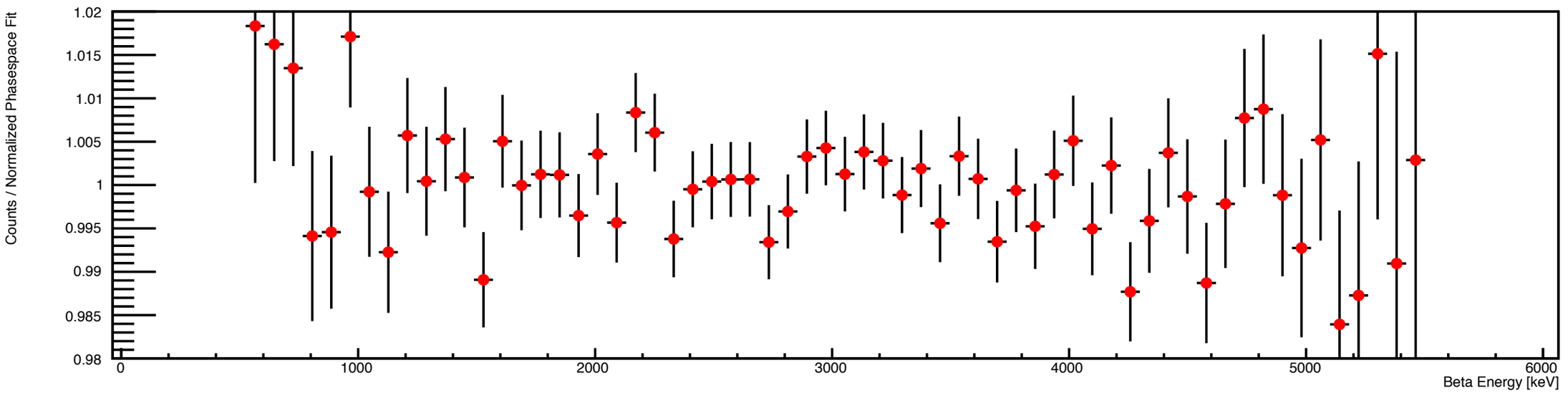
With ROC - 2M Events



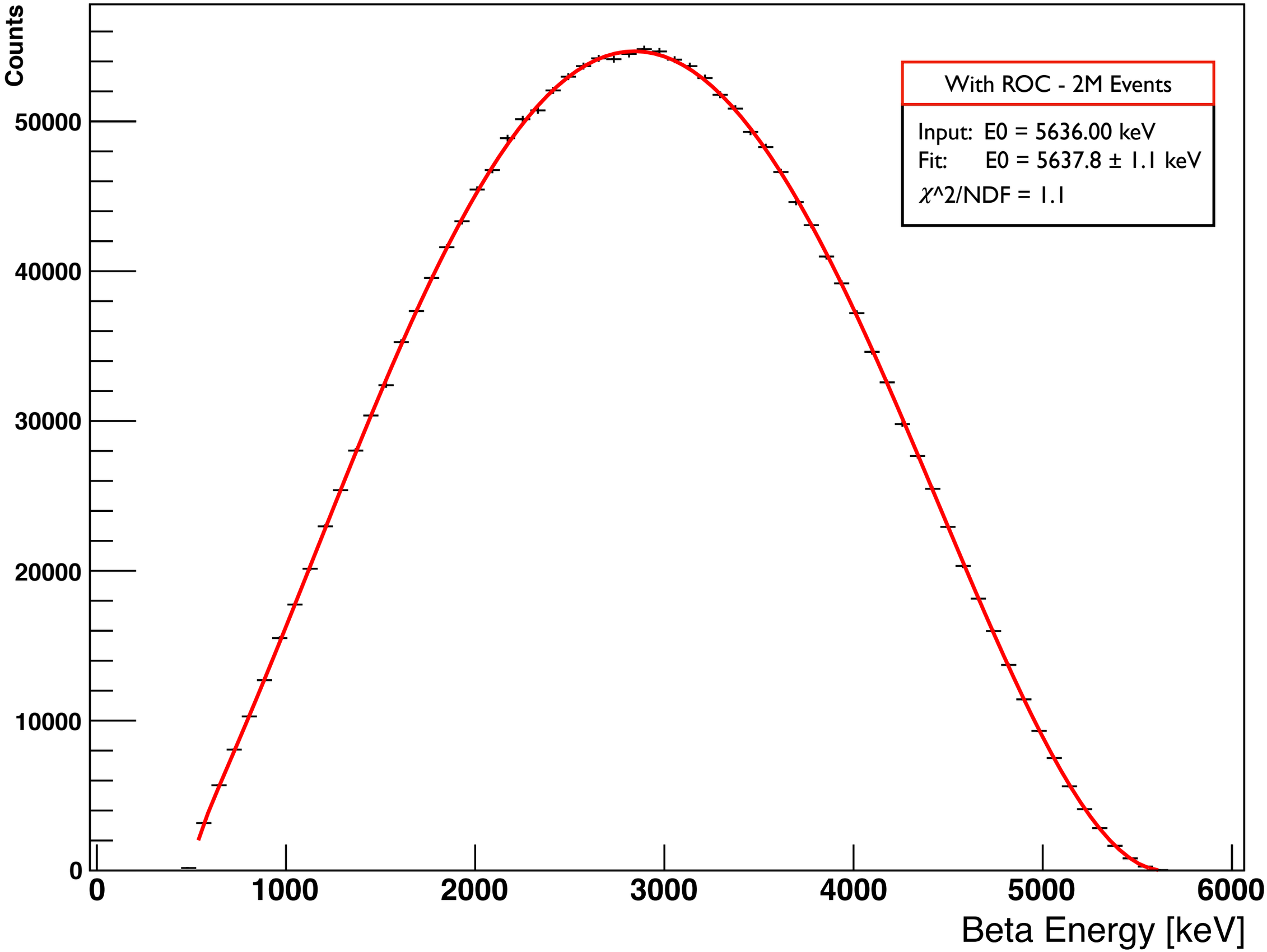
(Counts) - (Normalized Phasespace Fit)



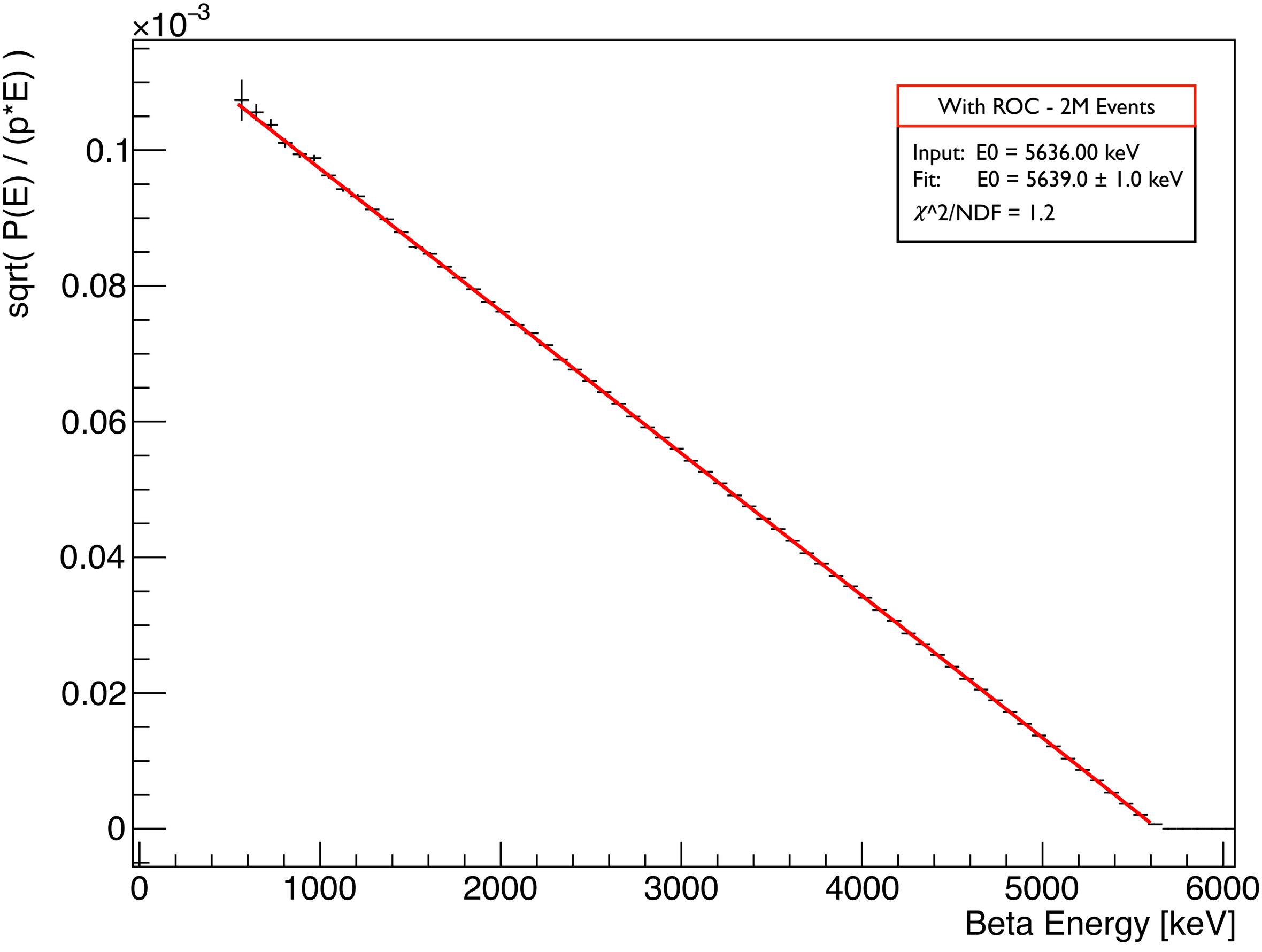
(Counts) / (Normalized Phasespace Fit)



Beta Total Energy



Kurie Plot


×10⁻³
sqrt(P(E) / (p*E))
0.1
0.08
0.06
0.04
0.02
0
0
1000
2000
3000
4000
5000
6000
Beta Energy [keV]
With ROC - 2M Events
Input: E0 = 5636.00 keV
Fit: E0 = 5639.0 ± 1.0 keV
χ^2/NDF = 1.2