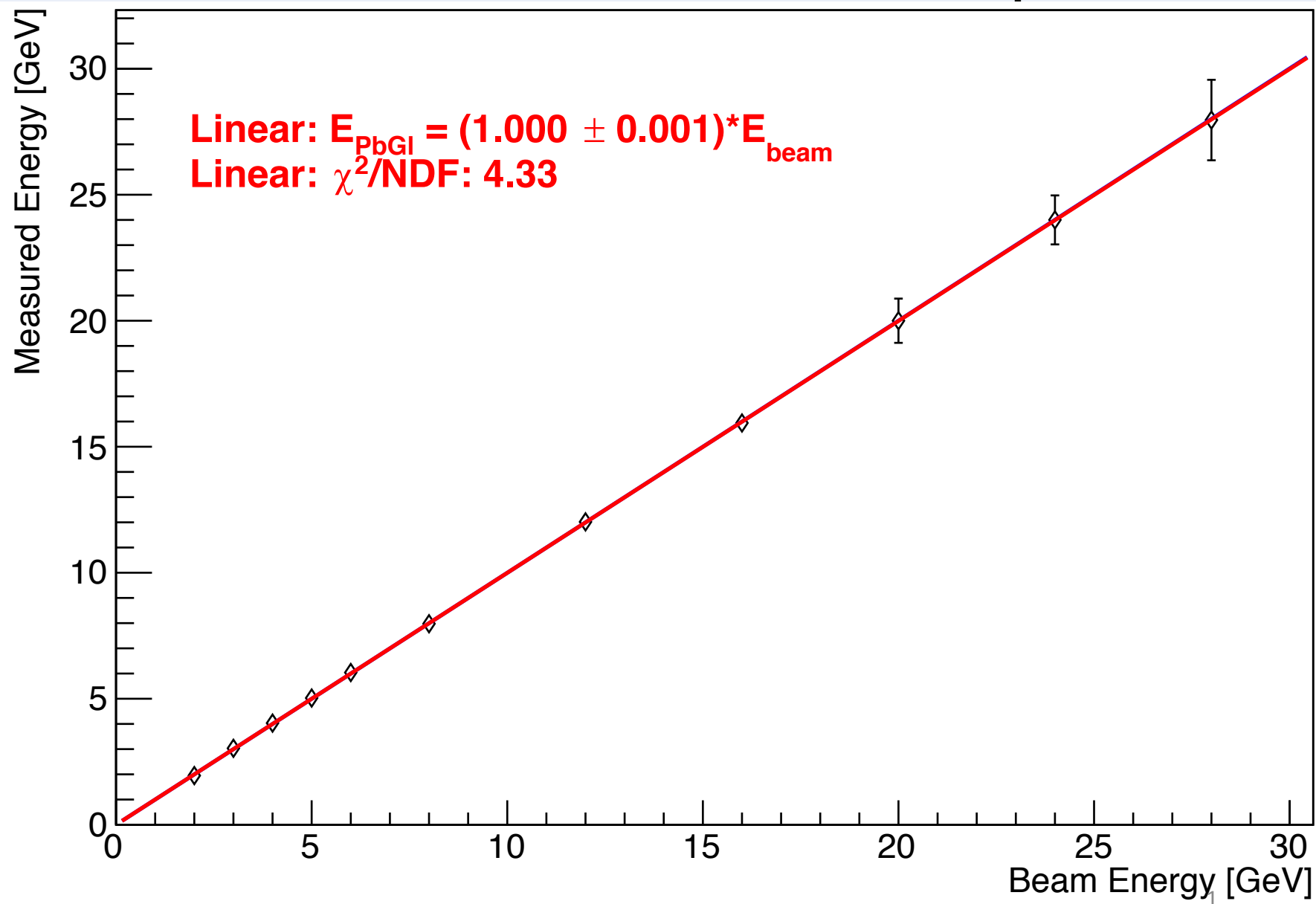


# PbGI Update

## Changes:

- Removed Cherenkov Cut at High Energy
- 2x2 Hodoscope Cut >12GeV

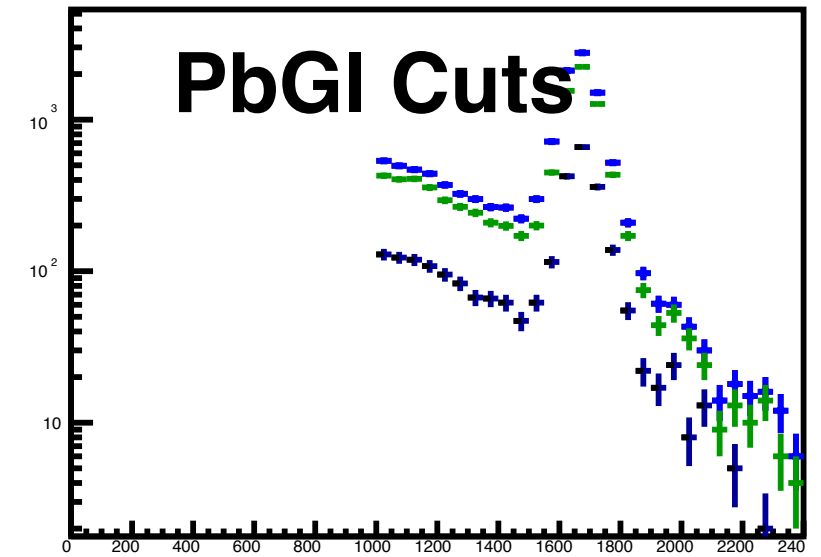
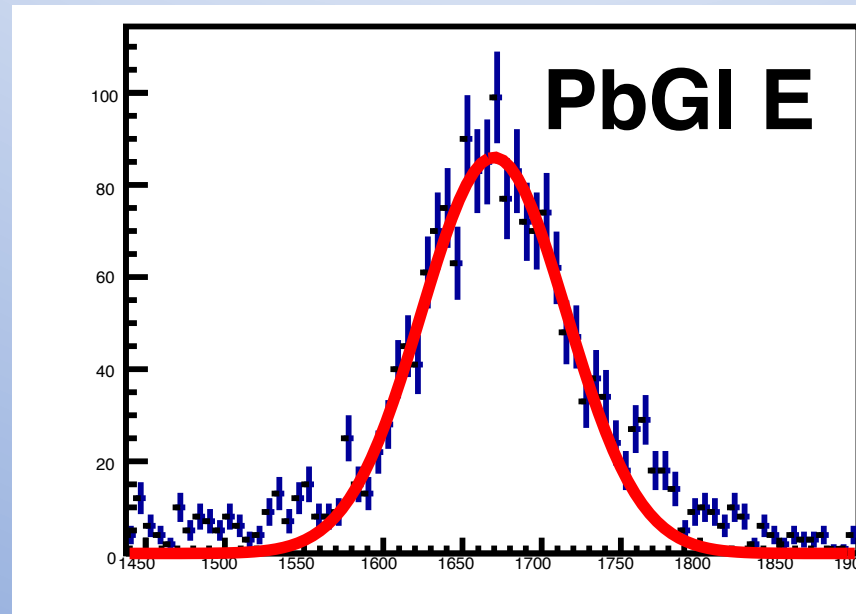
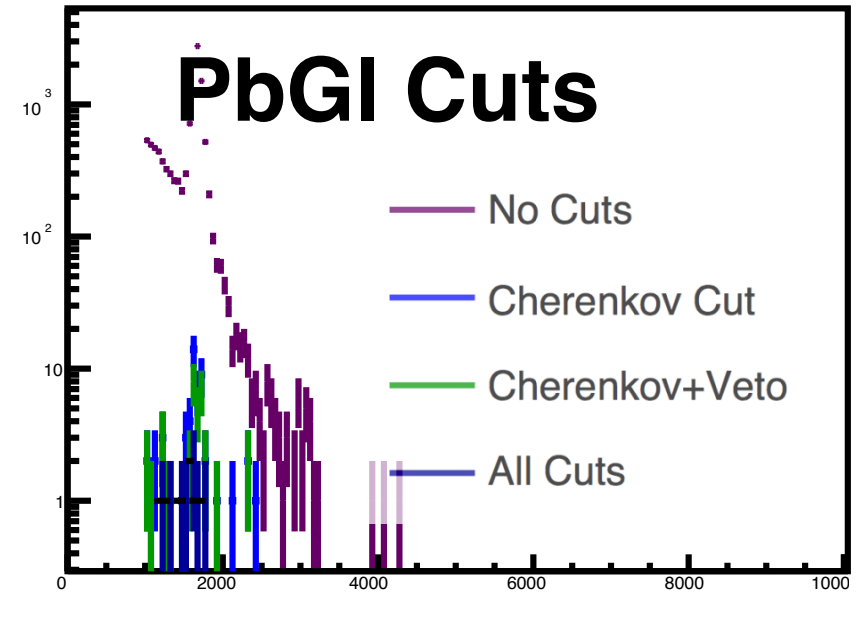
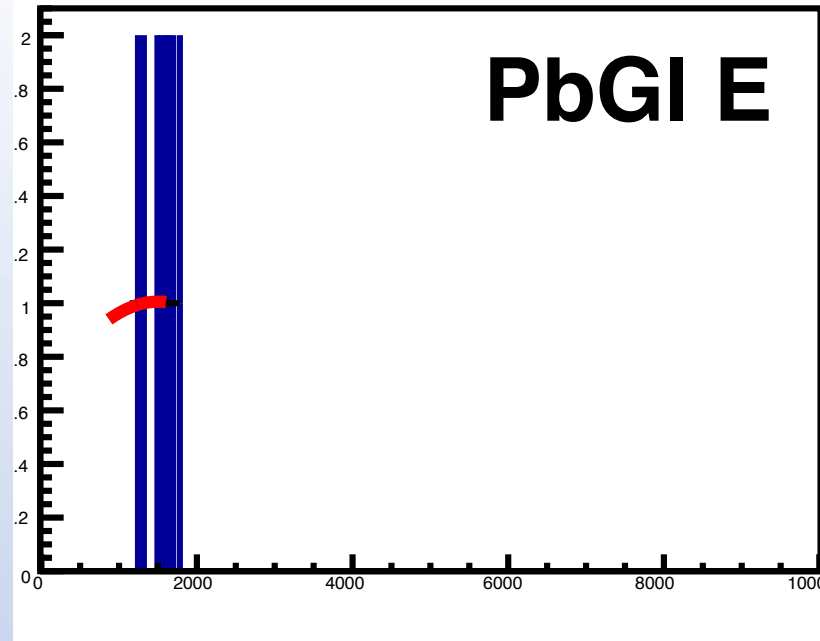


Cherenkov  
Signal does not  
work at  $\geq 20\text{GeV}$

24GeV:  $1500 \pm 6000$

Removed  
Cherenkov  
cut

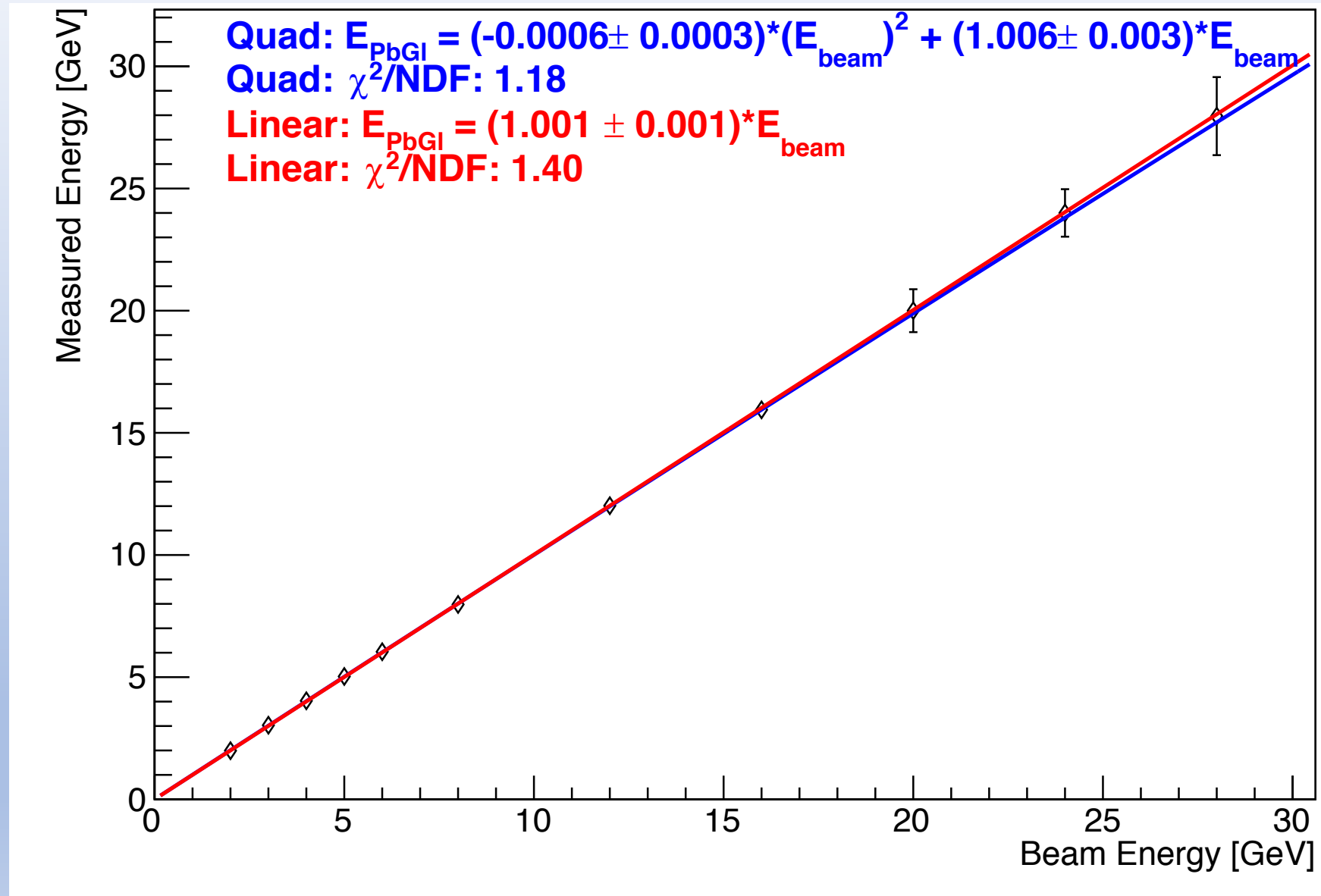
$1670 \pm 1.7$



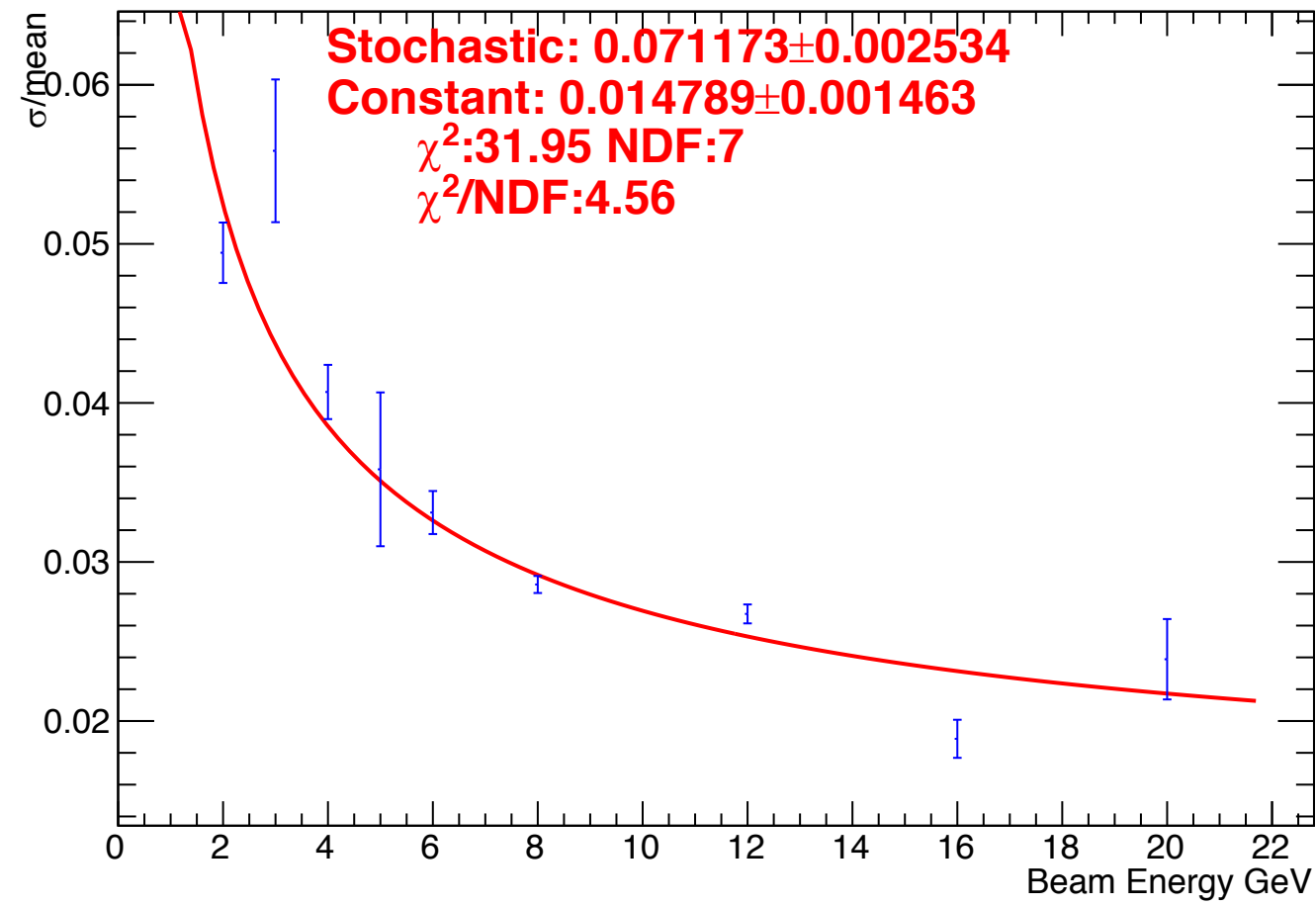
# Run 1906 Issue

- Only 2 GeV 1200V point from second data set
- Pedestal is 13% of the signal
- Pedestal for 2GeV first set points is 4%
- Pedestal: constant term for signal to GeV conversion

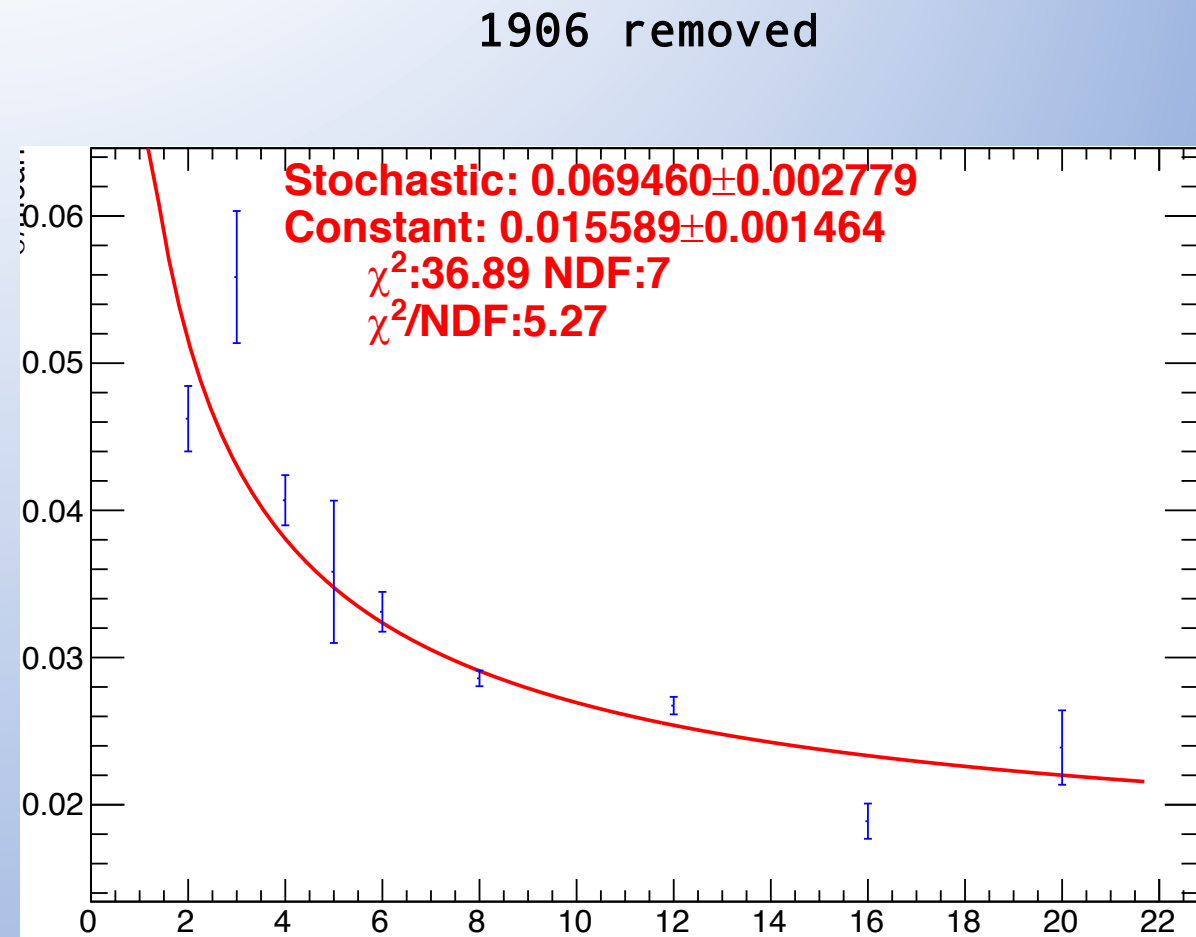
Removed 1906 all 2GeV points are from first set



# Resolution



All points



# Summary

- Should I remove 1906?
- Are there other improvements to make?

# Auxillary

1906: 2GeV 1200V  
Mean:  $1448.64 \pm 2.50$   
 $\sigma$ :  $78.13 \pm 3.13$   
Resolution:  $0.05 \pm 0.002$

