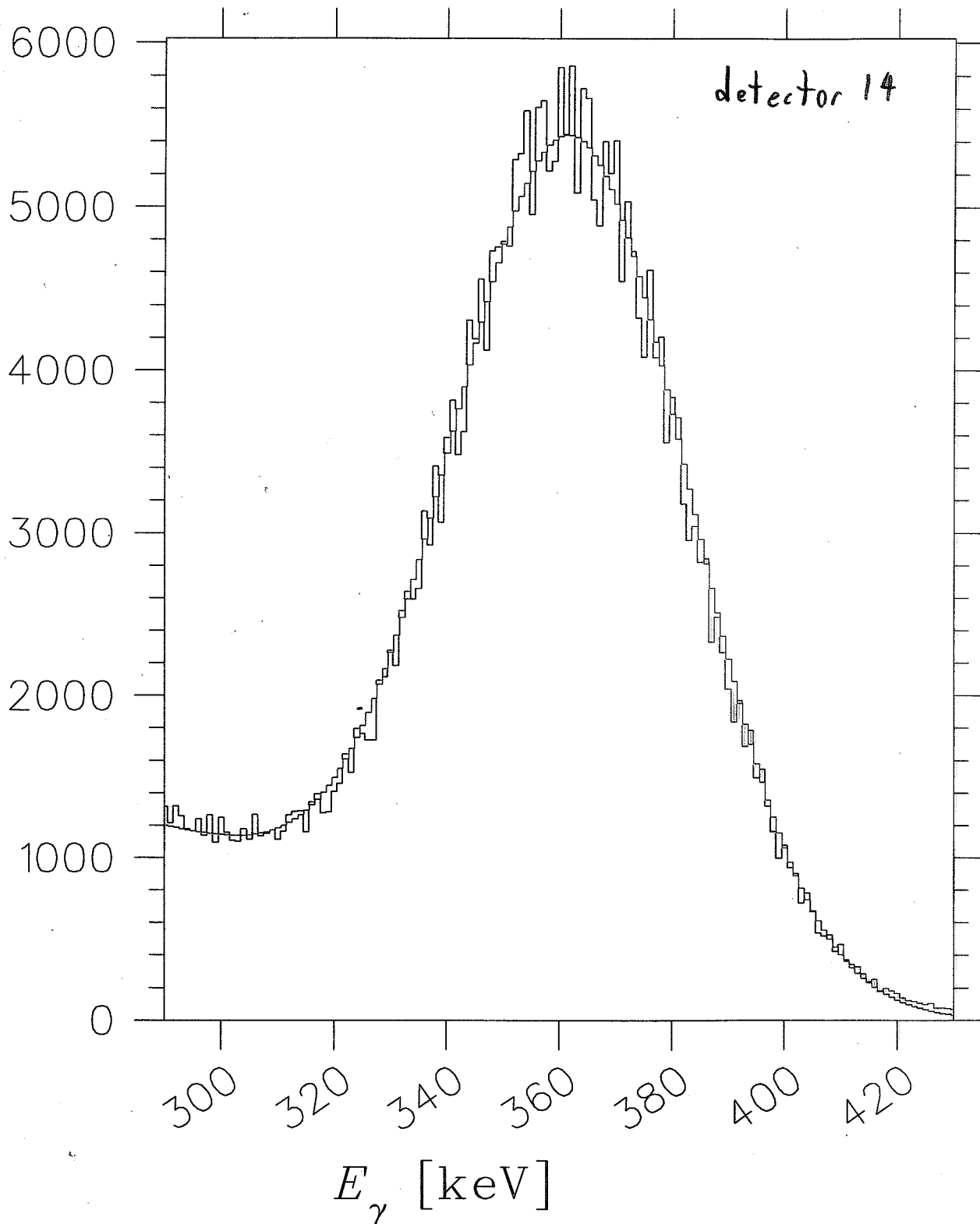


$$N_0 = -48.15 \pm 2.20$$

$$yNorm = 57.736 \pm 0.22$$

$$\sigma = 15.56 \pm 0.10 \text{ keV} \quad Gain = 1103.39 \pm 5.33 \text{ ch/MeV}$$

$$\chi^2/137 = 10.22 \quad m = 0.00 \text{ ch/MeV} \quad b = 0.00$$

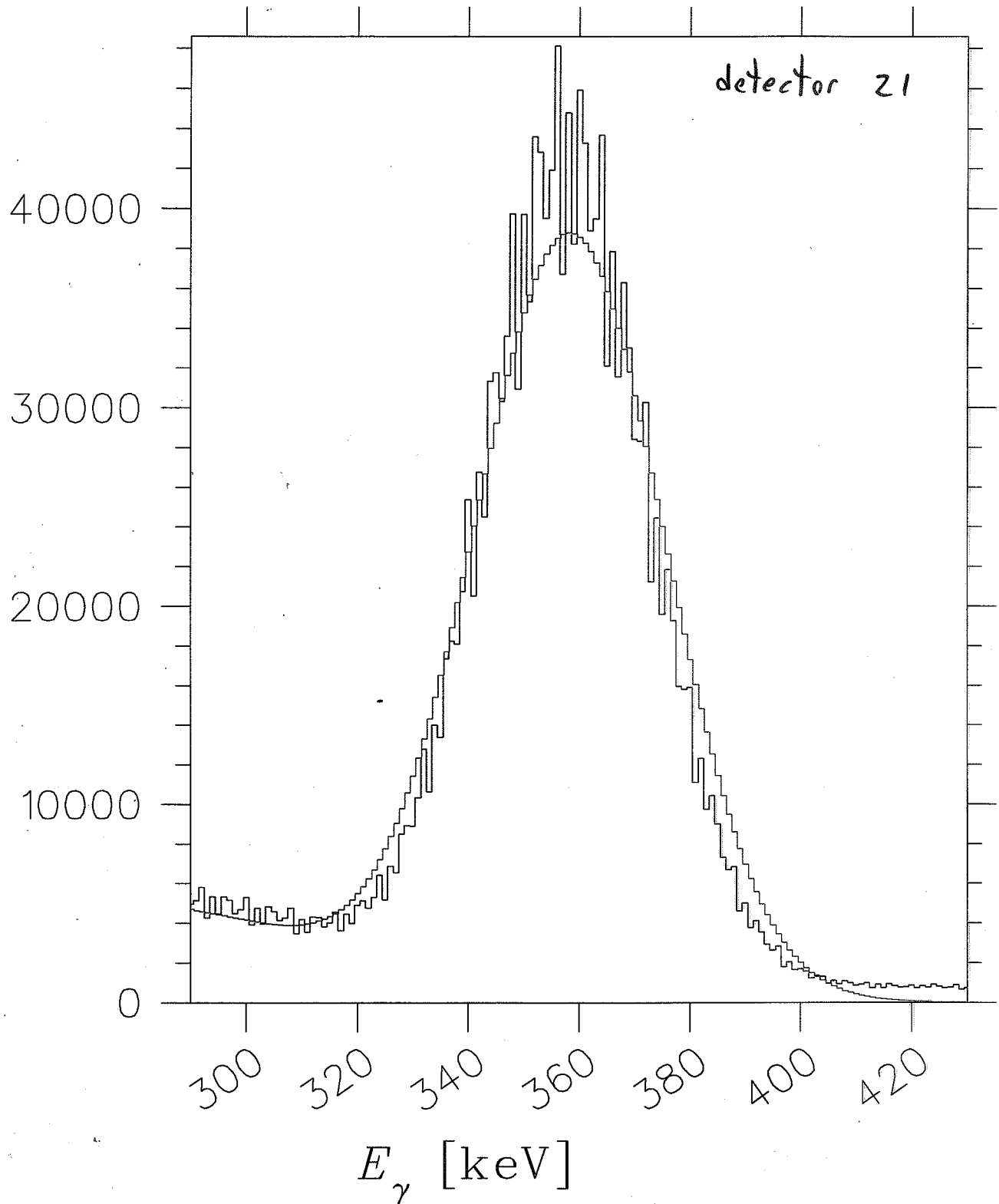


$$N_0 = -34.87 \pm 0.70$$

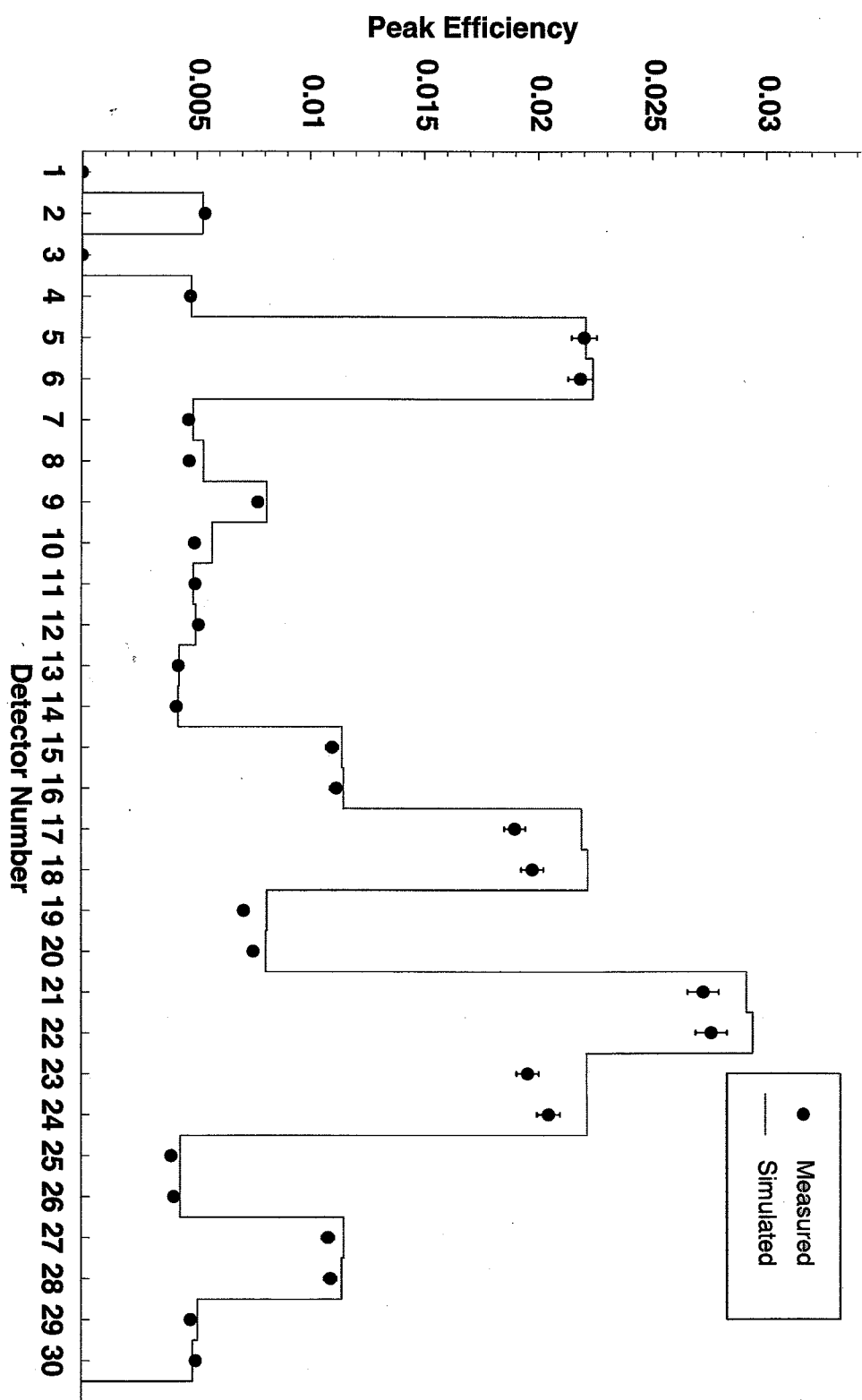
$$yNorm = 52.668 \pm 0.08$$

$$\sigma = 11.74 \pm 0.04 \text{ keV} \quad Gain = 1063.04 \pm 1.77 \text{ ch/MeV}$$

$$\chi^2/137 = \text{*****} \quad m = 0.00 \text{ ch/MeV} \quad b = 0.00$$



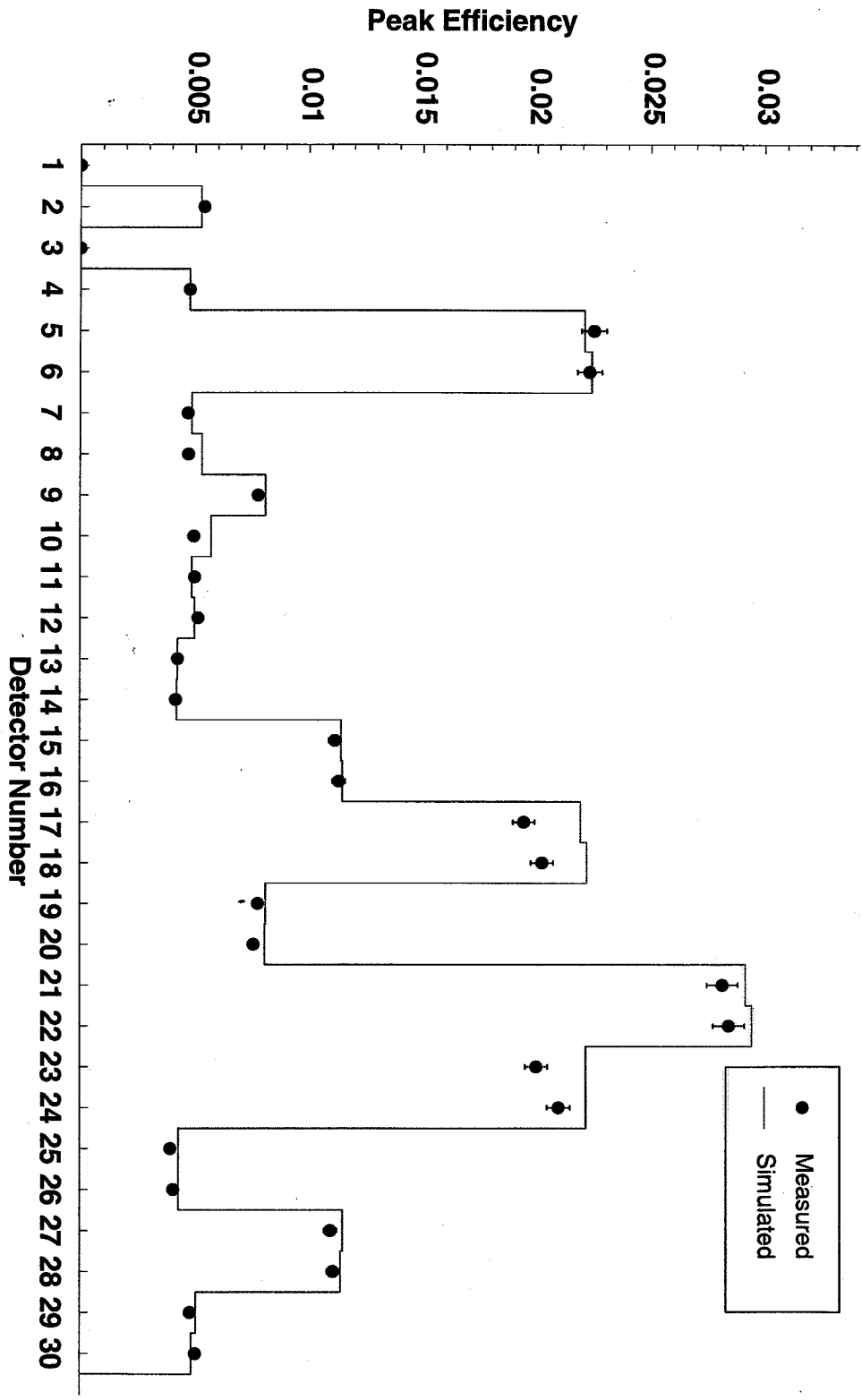
Comparison of Measured  
to Simulated BGO Efficiencies  
at 1898 keV (Y-88)



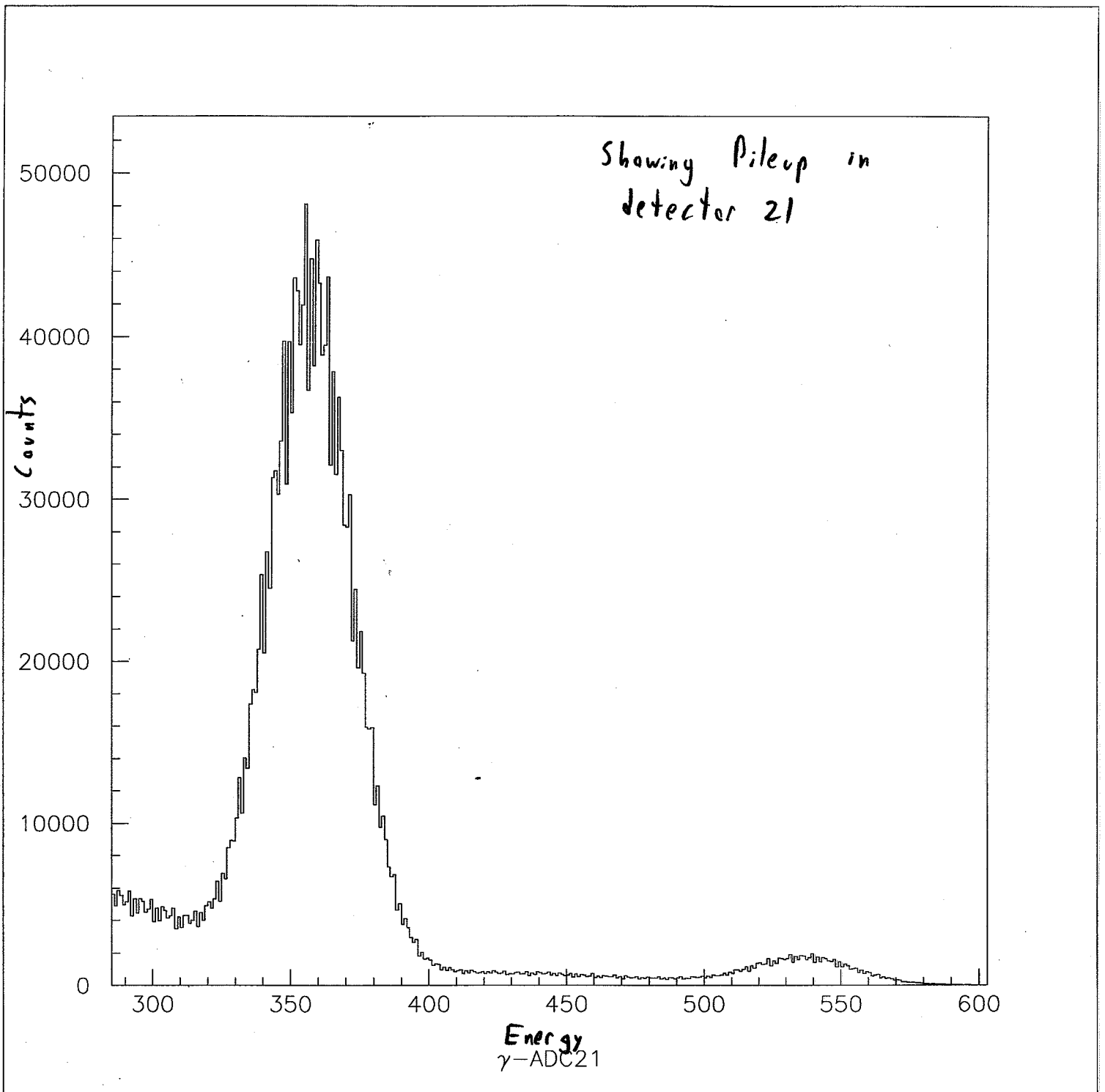
Total Measured:  $(30.5 \pm 0.8)\%$   
 Total Simulated: 32.5%

Comparison of Measured  
to Simulated BGO Efficiencies  
at 1898 KeV (Y-88)

*Pileup  
Included*



Total Measured:  $(31.1 \pm 0.8)\%$   
Total Simulated: 32.5%



PRELIMINARY

