Ba-133 356 KeV Energy Peak 14000 Fit Range of Data: [325.0, 407.0] KeV Fit Functional Form: $\frac{A}{\sigma\sqrt{2\pi}} \exp[-\frac{(x-\mu)^2}{2\sigma^2}] + mx + b$ Data 12000 $A = 297371.07 \pm 2434.49$ $\mu = 357.81 \pm 0.06$ $\sigma = 16.63 \pm 0.08$ $m = -17.43 \pm 0.54$ 10000 $b = 7707.27 \pm 222.60$ $\chi^2 = 329.87$ DOF = 1308000 Counts 6000 4000 2000 320 360 340 380 400 420 Energy (KeV)