Cesium-137 662 KeV Energy Peak 2000 Fit Range of Data: [605.3, 726.4] KeV Fit Functional Form: $\frac{A}{\sigma\sqrt{2\pi}} \exp[-\frac{(x-\mu)^2}{2\sigma^2}] + mx + b$ Data 1750 $A = 72124.53 \pm 702.81$ $\mu = 664.22 \pm 0.15$ $\sigma = 23.54 \pm 0.19$ 1500 $m = -0.53 \pm 0.05$ $b = 380.60 \pm 37.13$ $\chi^2 = 83.99$ 1250 DOF = 95 Counts 1000 750 500 250 0 600 625 650 700 750 575 675 725 Energy (KeV)