Ba-133 81 KeV Energy Peak

Range of Data: [66.8, 109.4] KeV

Fit Functional Form: $\frac{A}{\sigma\sqrt{2\pi}}\exp[-\frac{(x-\mu)^2}{2\sigma^2}]+mx+b$

$A = 385199.24 \pm 1007.48$
$\mu = 87.39 \pm 0.01$
$\sigma = 6.98 \pm 0.02$
$m = -84.61 \pm 0.86$
$b = 10871.24 \pm 86.37$
$\chi^2 = 270.18$
DOF = 65