

**Gaussian**

$$y = A_o \exp \left[ -\frac{(x - x_o)^2}{2\sigma^2} \right] + C$$

$\delta x$

$\delta y$

| Parameter | Value      | Uncertainty |
|-----------|------------|-------------|
| $A_o$     | 5.728e+05  | 8.117e+09   |
| $x_o$     | 6.856e+01  | 6.604e+00   |
| $\sigma$  | 5.286e+03  | 3.745e+07   |
| $C$       | -5.728e+05 | 8.117e+09   |

SSR = **2.17e+02**

