



Landau distribution ^(*)

$$f(\lambda) = \frac{1}{\sqrt{2\pi}} e^{-\frac{1}{2}(\lambda + e^{-\lambda})}$$

$$\lambda = \frac{\Delta E - \langle \Delta E \rangle}{\frac{C u_e c^2}{\beta^2} - \frac{Z^2}{A} e^{-\lambda}}$$

(*) Exact form
not important for
you