

Maxwell-Boltzmann Distribution of Speeds

$$f(v, \text{mass}, T) := 4 \cdot \pi \cdot \left(\frac{\text{mass}}{2 \cdot \pi \cdot k \cdot T} \right)^{\frac{3}{2}} \cdot v^2 \cdot e^{-\frac{\text{mass} \cdot v^2}{2 \cdot k \cdot T}}$$

Maxwell-Boltzmann distribution

