

Figure 1. Schematic overview of the different conceptual interpretations found in the literature under the term “LET distributions,” highlighting that this terminology is often used to denote distinct physical quantities.

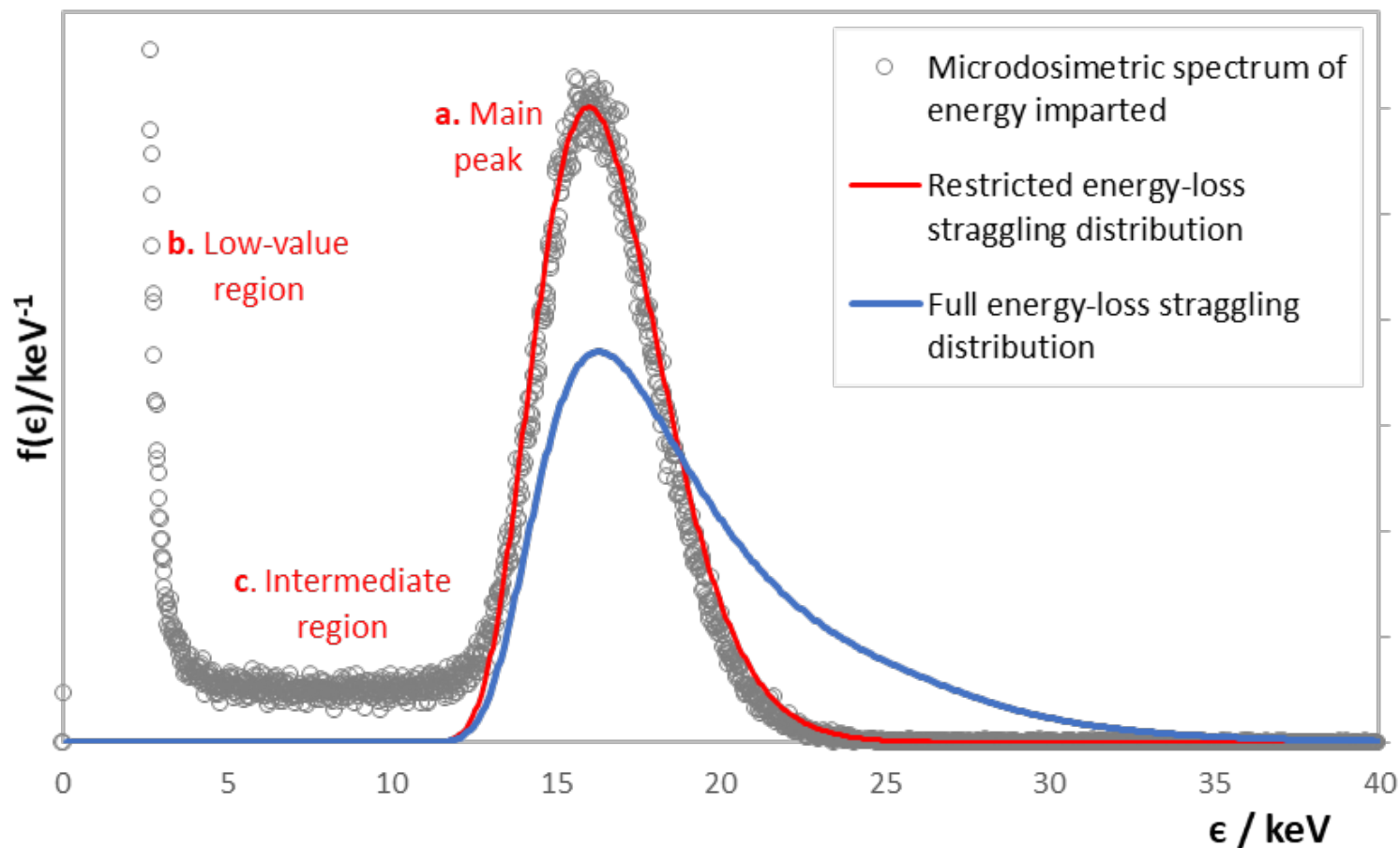


Figure 2. Comparison between the microdosimetric spectrum of energy imparted and the full and restricted energy-loss distributions for a $118 \text{ MeV}\cdot\text{u}^{-1}$ carbon-ion beam in silicon. The microdosimetric spectrum shows three distinct components associated with (a) primary ions, (b) δ -electrons, and (c) edge-related effects.