

Figure 1 is a plot showing the differential cross section $\frac{d\sigma}{dp_T}$ as a function of transverse momentum p_T (in GeV) for various particles. The x-axis ranges from 0 to 25 GeV, and the y-axis ranges from 0 to 10 nb/GeV. The data points with error bars are categorized by particle type: Ghost (black), Electron (red), Muon (green), Pion (blue), Kaon (yellow), and Proton (purple). The cross section generally increases with p_T , peaking around 15-20 GeV, and then decreases. The Ghost particle shows the highest cross section at high p_T , while the Electron and Muon show the lowest.

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