

Figure 1 is a plot showing the ratio of the cross section to the total cross section, σ/σ_{tot} , as a function of the invariant mass M in GeV. The x-axis ranges from 0 to 10 GeV, and the y-axis ranges from 0 to 3. The plot includes data points with error bars for six different particle types: Ghost (black), Electron (red), Muon (green), Pion (blue), Kaon (yellow), and Proton (purple). The data points are color-coded according to the legend. The ratio is highest for Ghost and Electron at low M and decreases as M increases. The ratio is lowest for Pion, Kaon, and Proton at low M and increases as M increases.

0 2000 4000 6000 8000 10000