

The figure displays a scatter plot with error bars, showing the distribution of particle types across a range of values from -150 to 150. The x-axis is labeled with values -150, -100, -50, 0, 50, 100, and 150. The y-axis represents the count or frequency of particles, with a grid extending from 0 to 10. A legend in the bottom-left corner identifies the particle types by color and marker style:

- Ghost (Black circles)
- Electron (Red circles)
- Muon (Green circles)
- Pion (Blue circles)
- Kaon (Yellow circles)
- Proton (Purple circles)

The data points are plotted with horizontal error bars, indicating the range of values for each particle type. The distribution shows that Electrons are concentrated at higher values (around 100-150), while other particles are more spread out across the range. Ghosts are also present at various values, including a notable point around 125.



● ● ●	Ghost
● ● ●	Electron
● ● ●	Muon
● ● ●	Pion
● ● ●	Kaon
● ● ●	Proton

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