

The figure is a scatter plot with a grid. The x-axis ranges from -150 to 150 with major ticks every 50 units. The y-axis has a dashed horizontal line at the top. A legend in the bottom-left corner identifies six particle types by color and shape:

- Ghost: Black circle
- Electron: Red circle
- Muon: Green circle
- Pion: Blue circle
- Kaon: Yellow circle
- Proton: Purple circle

Data points are plotted with horizontal error bars. The distribution shows that as the x-value increases, the number of points for each particle type generally increases, with most points reaching the top dashed line for x-values greater than 100. Ghosts are the most numerous, followed by Electrons, Muons, Pions, Kaons, and Protons.

