

The plot displays the distribution of various particles across a range of values from -200 to 150. The legend identifies the particles by color and shape:

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

The data points are plotted with error bars, indicating the uncertainty in the measurements. The distribution shows a peak around -50 for most particles, with the Ghost particle showing a distinct peak around -20. The Kaon and Proton distributions are broader and extend further into the positive range.

## Long Proton RichDLLk