

Cluster Amplitude 2016

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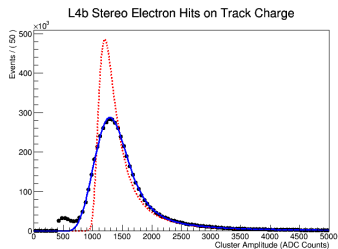
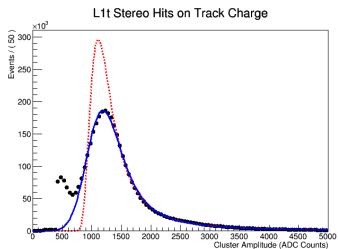
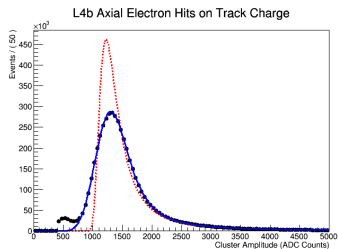
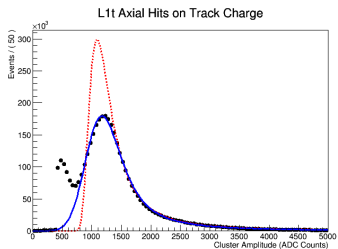
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Method

- ▶ Use run 008087 and run Omar's cluster analysis driver
- ▶ Only use clusters with hits on track
- ▶ Take the cluster amplitude plot for each sensor and fit a Landau convoluted with a Gaussian to it
- ▶ Grab the most probable value of the fit and plot it

Sample Fits Clusters with Hits on Track



Most Probable Value Cluster Amplitude with Hits on Track

- ▶ New APV Shaping Parameters can reduce cluster amplitude by about 10% from the nominal settings

Most Probable Value Charge Hit on Tracks

