Signal to Noise 2016

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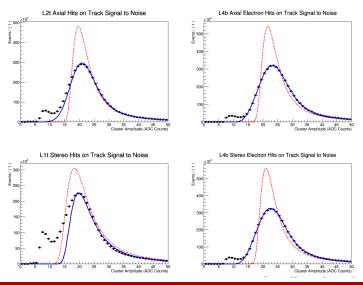
Method

- Use run 008087 and run Omar's cluster analysis driver
- Only use hits on track
- Take the signal to noise plot for each sensor and fit a Landau convoluted with a Gaussian to it

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Grab the most probable value of the fit and plot it

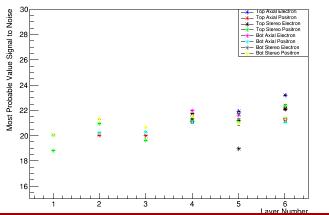
Sample Fits Clusters with Hits on Track



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Most Probable Value Signal to Noise with Hits on Track

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



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Most Probable Value Signal to Noise Hits on Tracks

Signal to Noise

Signal to Noise 2015

 This is a slightly different method (taking average for multiple hit clusters)

