Sensor Time Resolution 2016

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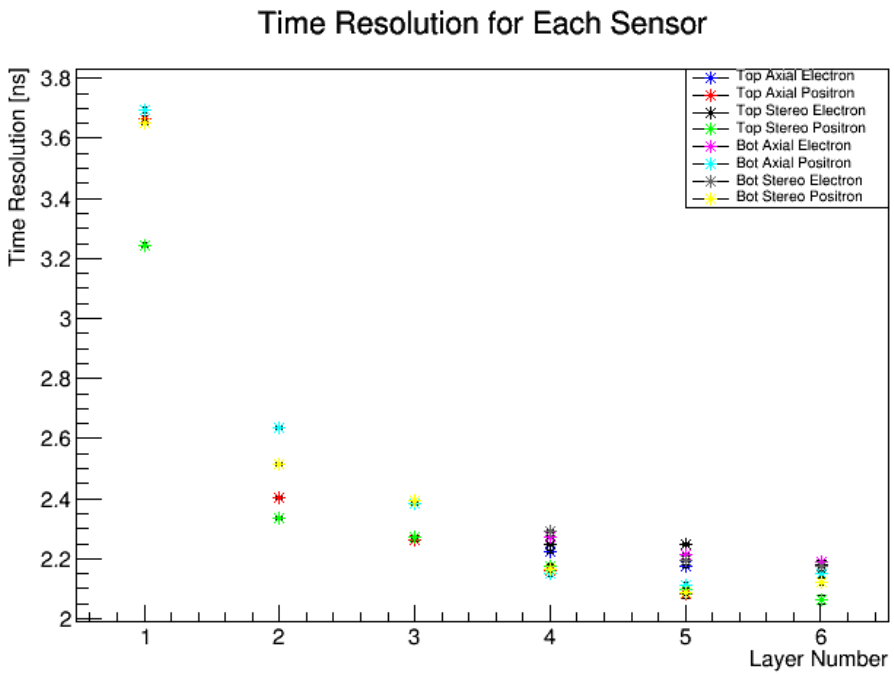
June 20, 2016

Method

- Use run 008087 and run the DQM over file
- Take the time residuals (track time - hit time) plots and fit a gaussian to histogram
- Grab the fitted sigma and plot for each sensor

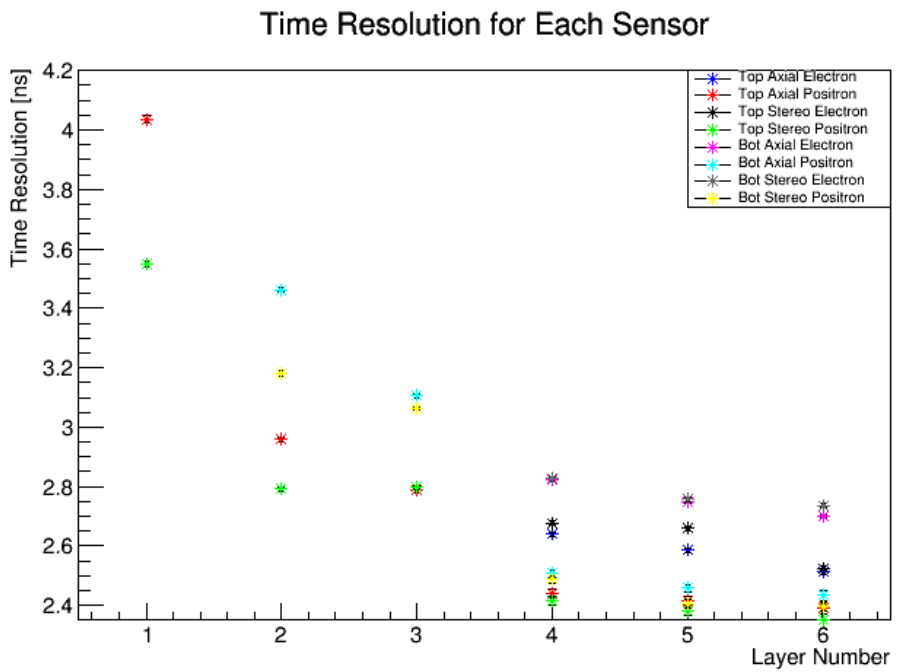
Time Resolution for 2016

- Time Resolution as a function of layer for separated top/bottom, axial/stereo, and slot/hole



Previous Results - Time Resolution for 2015

- Time Resolution as a function of layer for separated top/bottom, axial/stereo, and slot/hole **for 2015 data**
- 2016 data is definitely improved!



Previous Results - Time Resolution for 2015 Omar's Method

- Time Resolution as a function of layer for separated top/bottom, axial/stereo, and slot/hole **for 2015 data** using **Omar's method**
- What is different?