

Hit Efficiency as a Function of Momentum 2016

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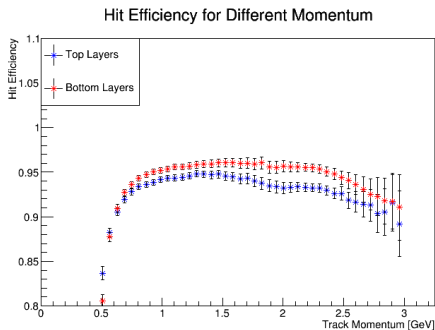
June 20, 2016

Method

- ▶ Use run 008087 and run the recon with different tracking strategies to isolate each layer
- ▶ Extrapolate track to missing layer.
- ▶ Search for hit within a narrow region of the extrapolated track
- ▶ Divide bins into different momenta
- ▶ See Matt Solt's talk during tracking meeting for more details

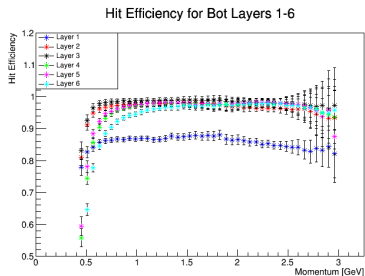
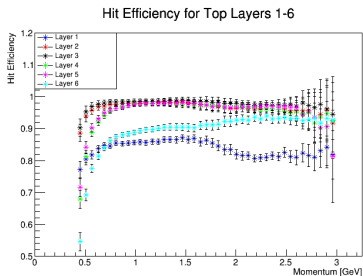
Hit Efficiency 2016

- ▶ Hit efficiency as a function of momentum for 2016 data



Hit Efficiency 2016

- ▶ Hit efficiency as a function of momentum for 2016 data separated by layer for Top (left) and Bottom (right)



Hit Efficiency 2015

- ▶ Hit efficiency as a function of momentum for **2015 data** using **Omar's method** for top (left) and bottom (right)

