Hit Efficiency as a Function of Layer 2016

Matt Solt

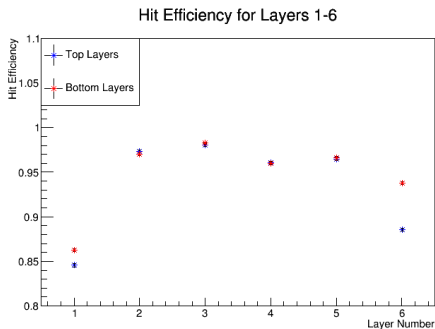SLAC National Accelerator Laboratory

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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
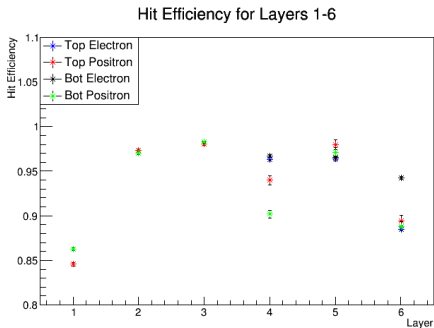- See Matt Solt's talk during tracking meeting for more details

Hit Efficiency 2016

▶ Hit efficiency as a function of layer for 2016 data

Hit Efficiency 2016

► Hit efficiency as a function of layer separated for positron/electron side

Hit Efficiency for Layers 1-6

Hit Efficiency 2015

▶ Hit efficiency as a function of momentum **for 2015 data** using **Omar's method**