# Hit Efficiency as a Function of Momentum 2016

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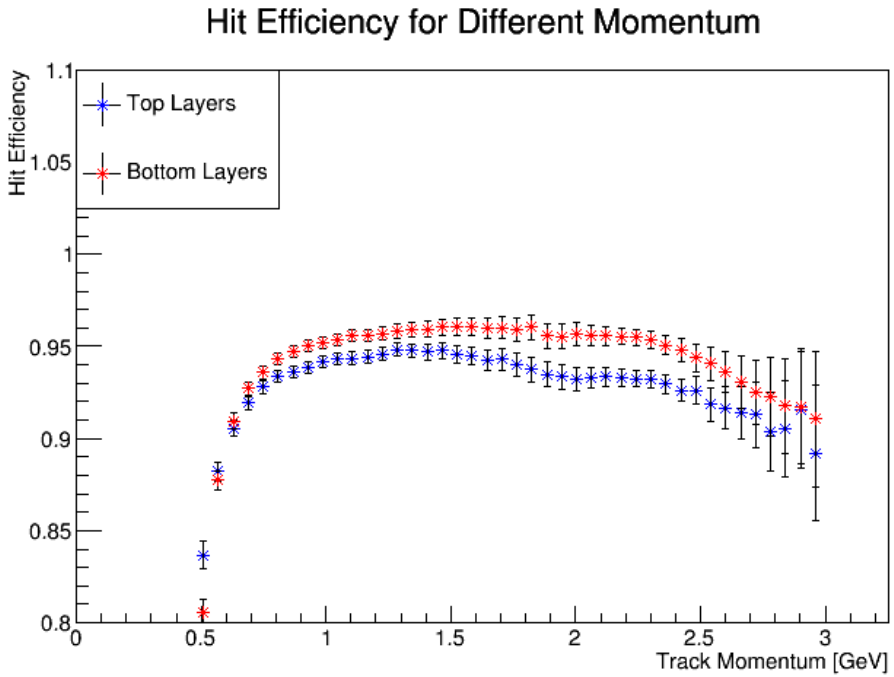
# Method

- 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

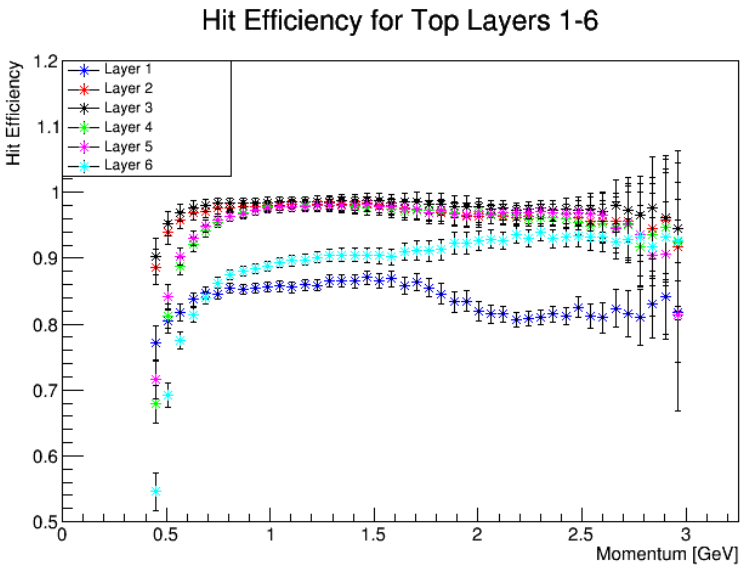
# Hit Efficiency 2016

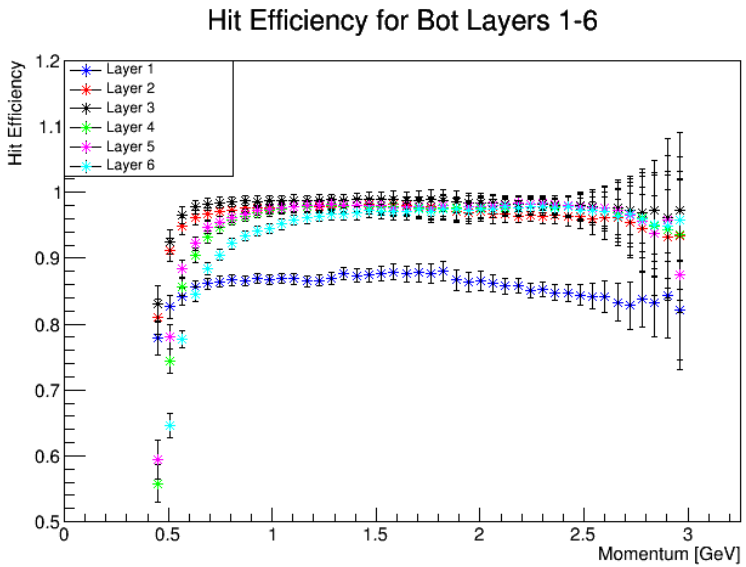
- Hit efficiency as a function of momentum for 2016 data



# 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)