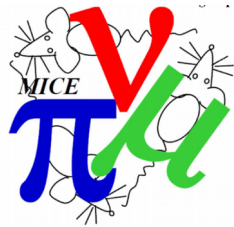


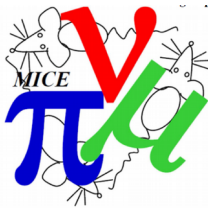
System performance paper

P. Franchini



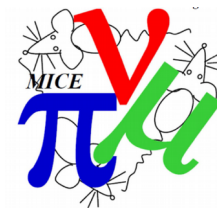
MICE CM 55
October, 23 2019

Current status

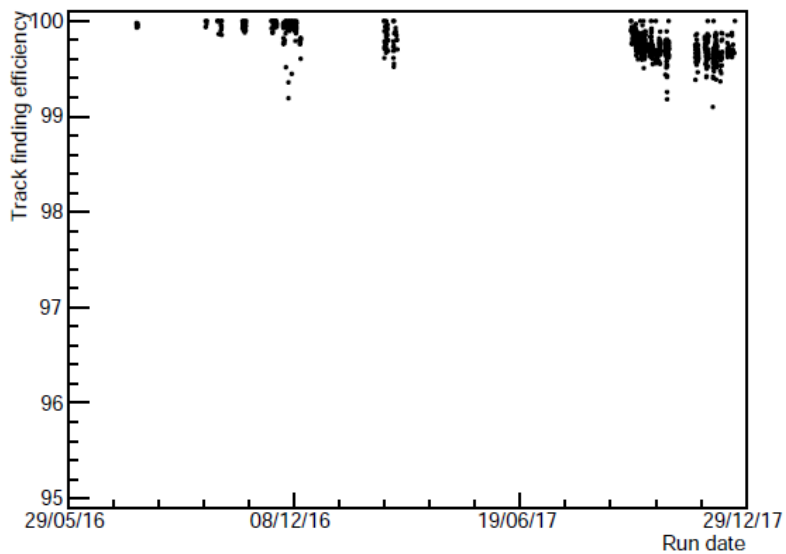


- Text down to ~27 pages
- Ken is reading the first draft
- Focusing on plots that require major work:
 - **Tracker**: reconstruction bias/resolution and time evolution of the track finding efficiency
 - **Ckov**: activation curves
 - **KL**: comparisons for different beams

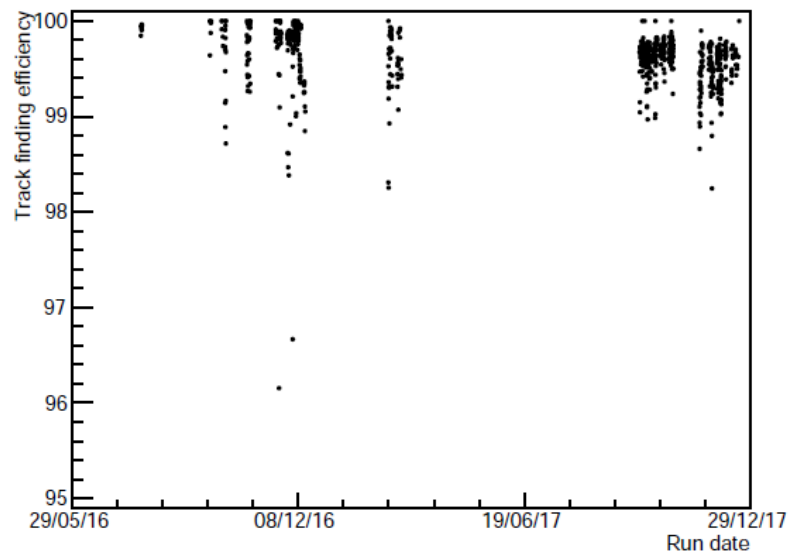
Trackers



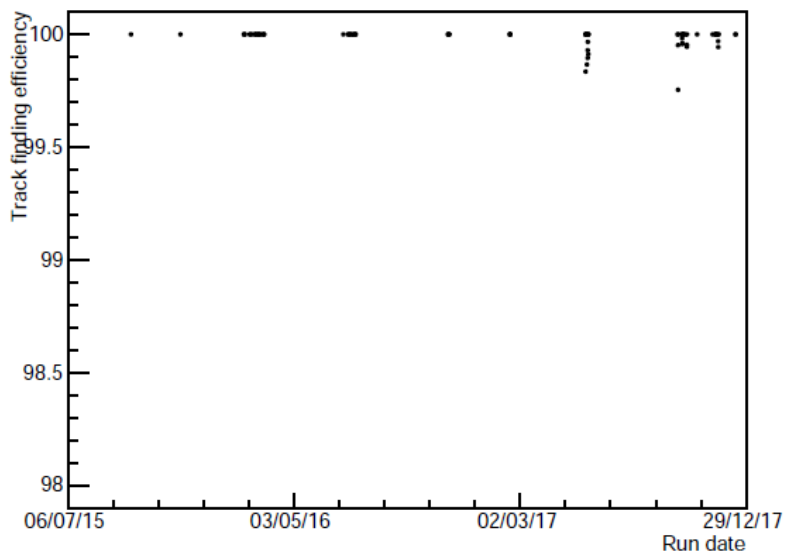
Helical - Upstream



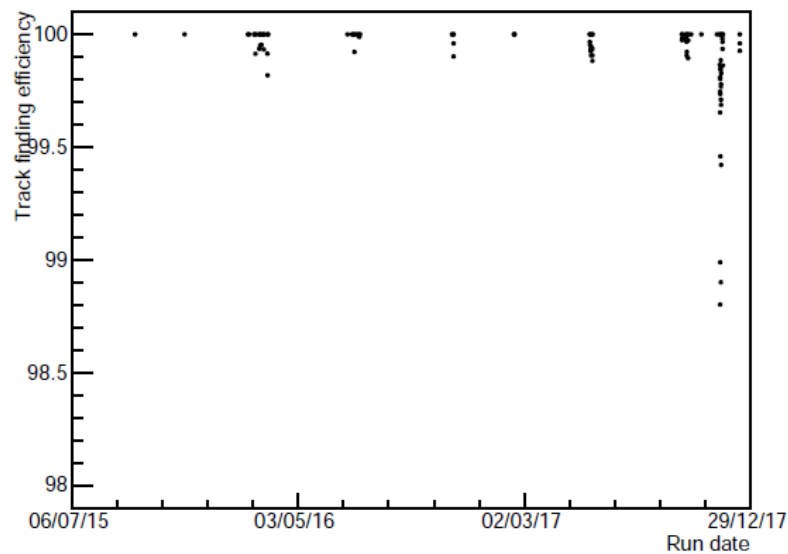
Helical - Downstream



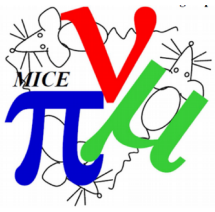
Straight - Upstream



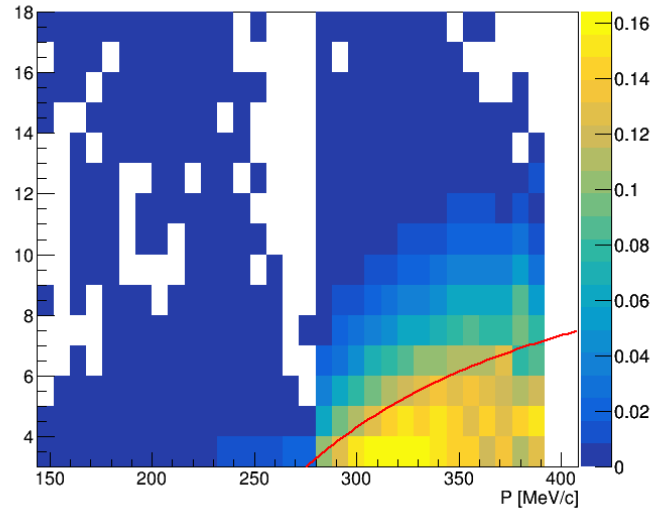
Straight - Downstream



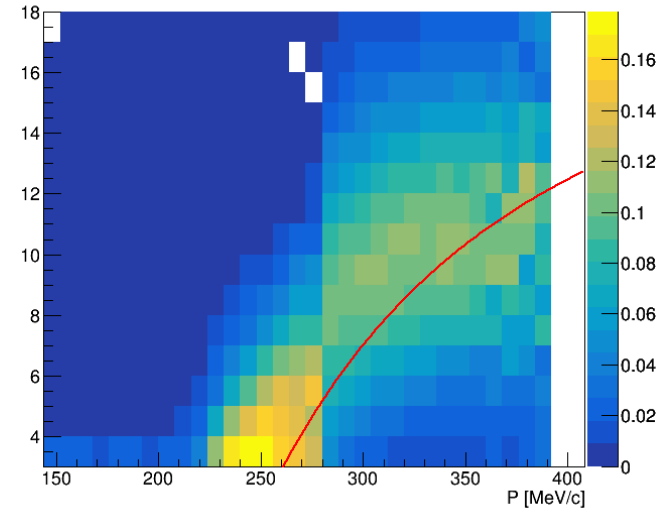
Ckov



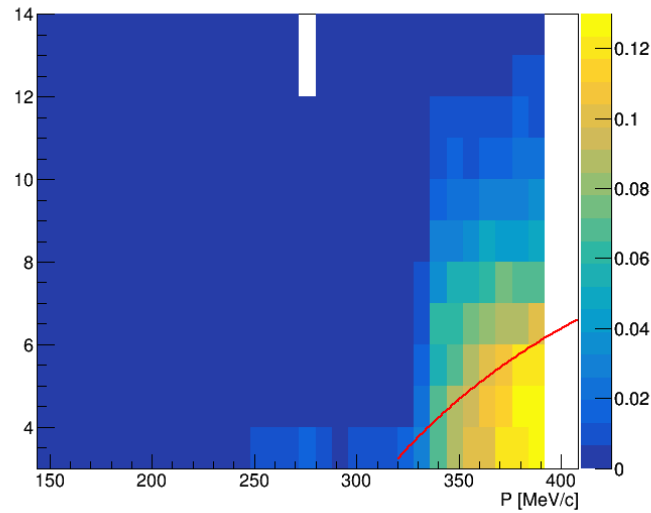
Muons: NPE vs P - CkovA



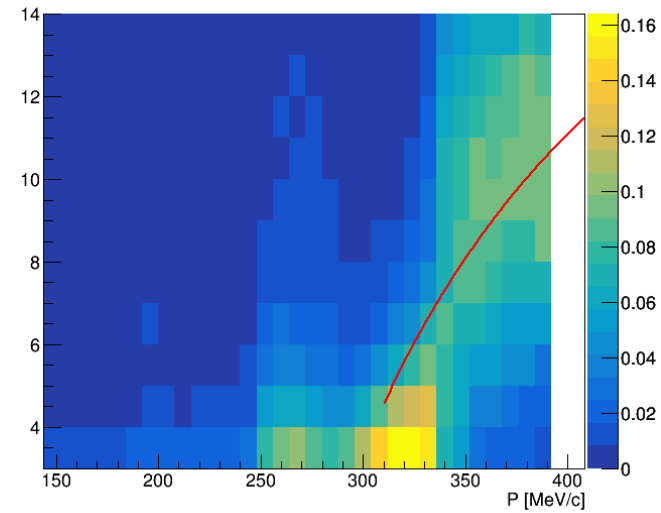
Muons: NPE vs P - CkovB



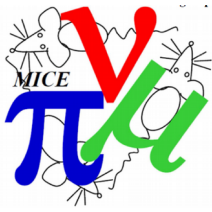
Pions: NPE vs P - CkovA



Pions: NPE vs P - CkovB



KL



- Mariyan working on the updated plots