Silicon Tracking Post Feb 13th

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Tracking Meeting

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Silicon Tracking Studies

Using J/Psi Data

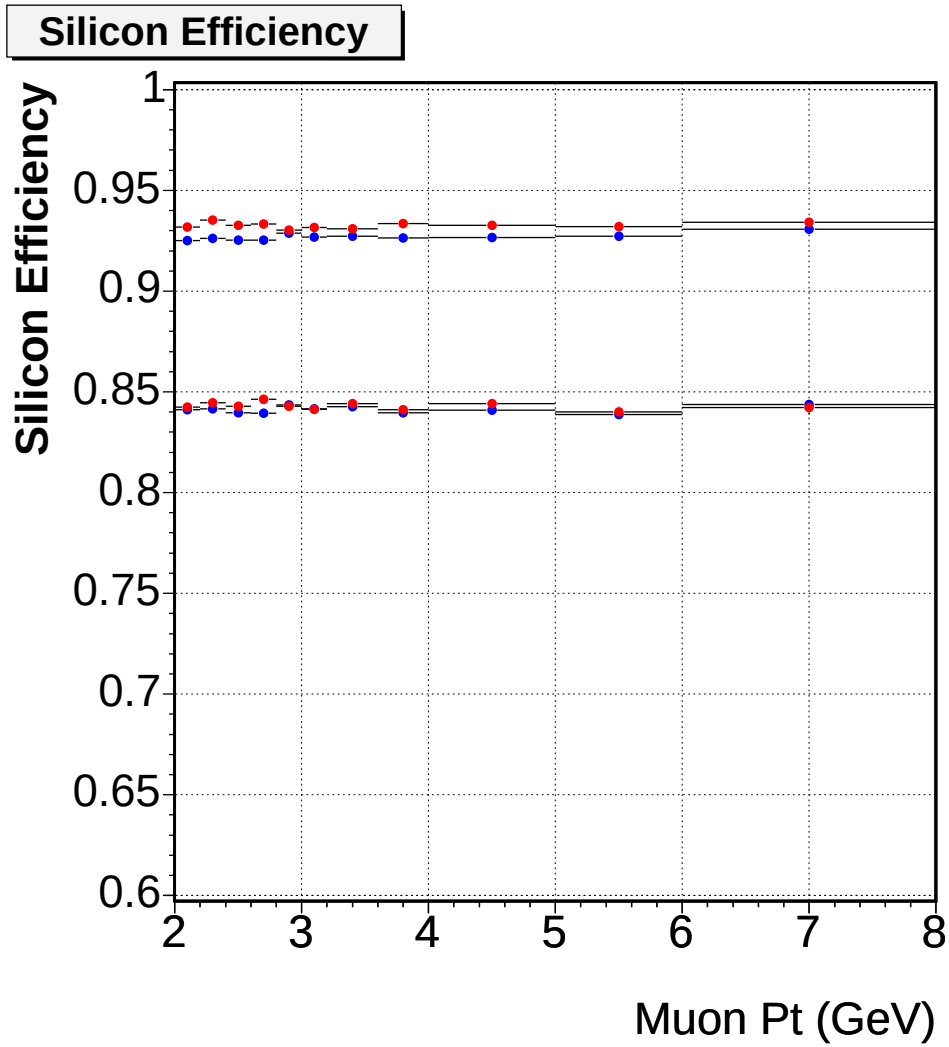
- J/Psi trigger events - identified CdfMuons

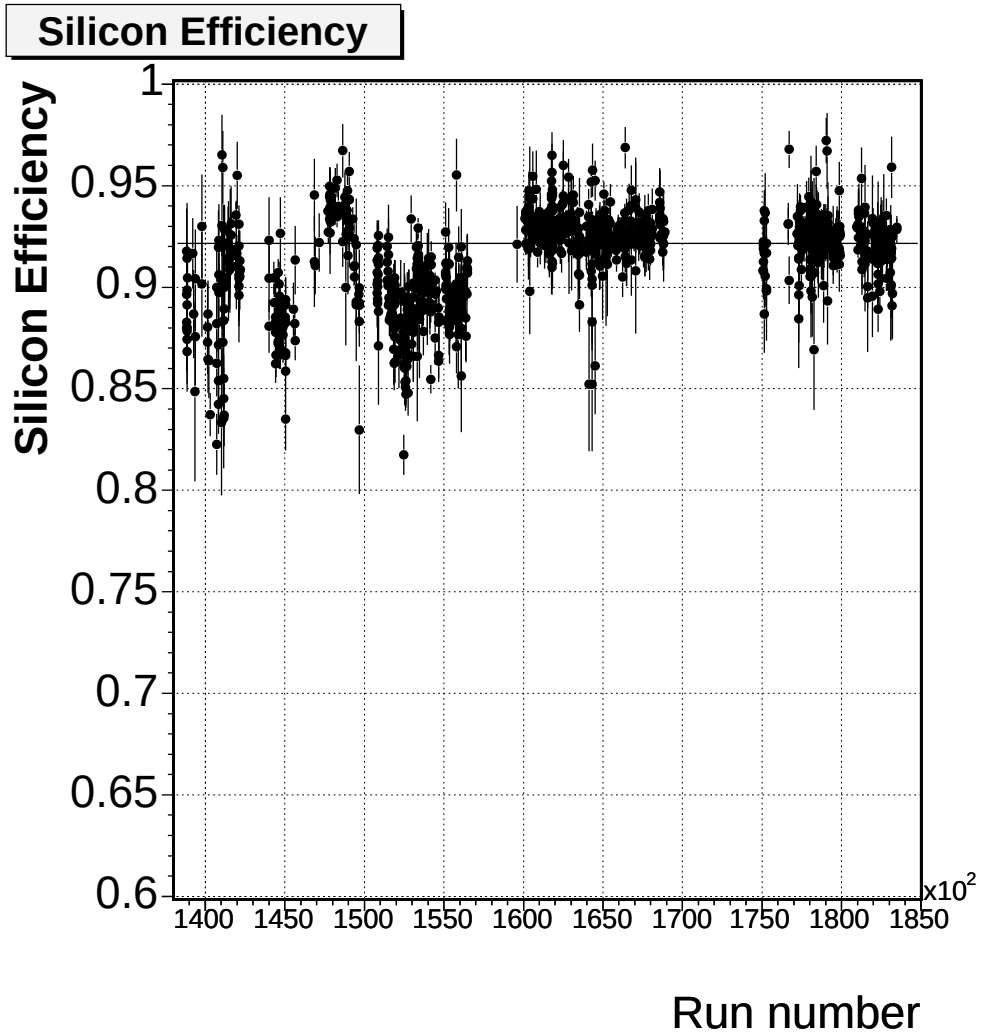
Studies

- Silicon Axial and Stereo Efficiency
- Efficiency vs run number
- Rate of mis-measured tracks(wrong axial hits)
- d0 resolution
- d0 profiles vs phi, z0 and pt
- d0 resolutions vs phi, z0 and pt

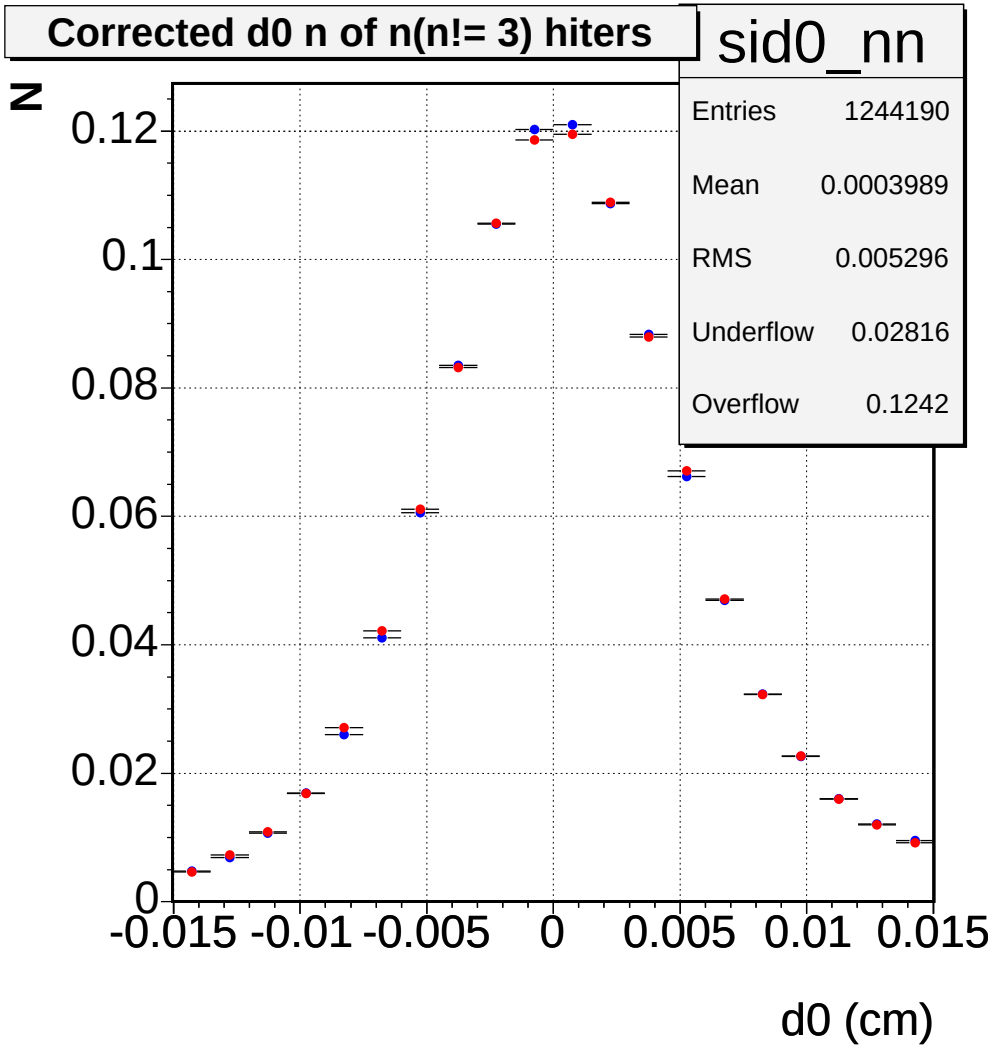
Silicon Efficiency

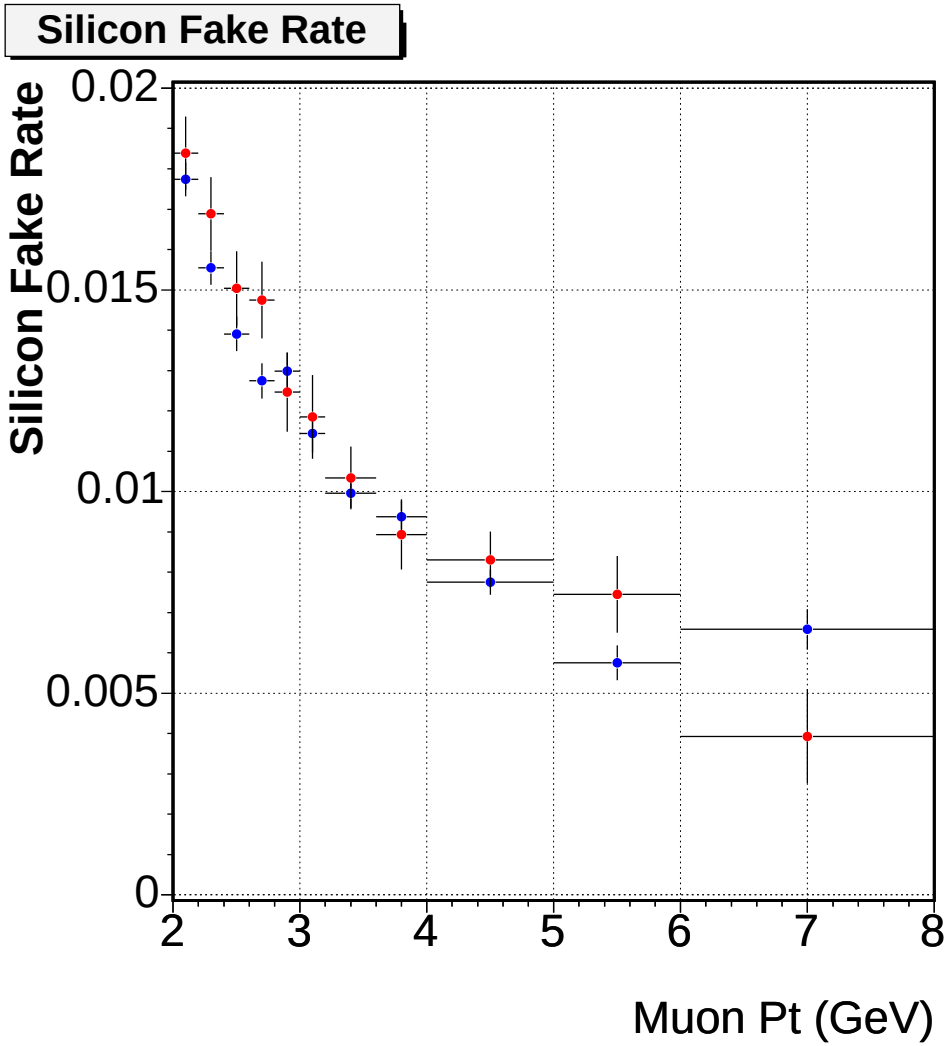
Pre Feb 13th and Post Feb 13th



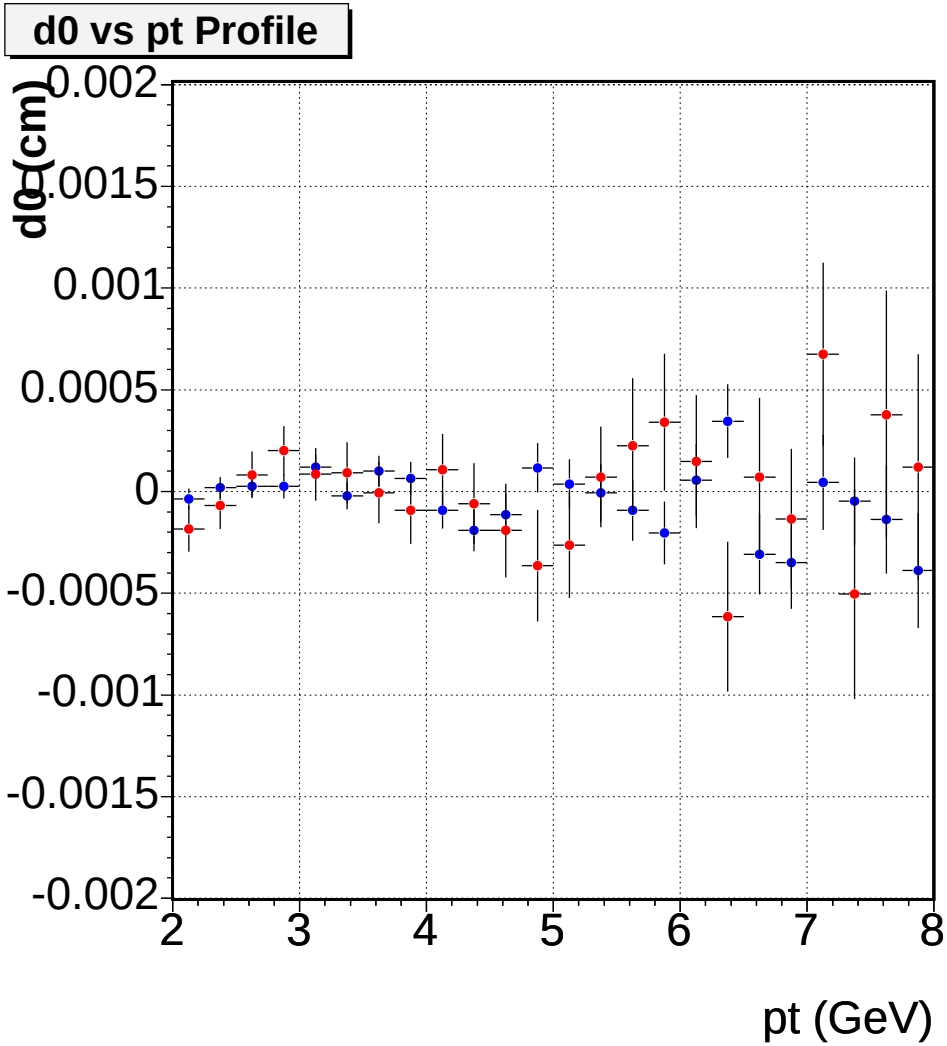


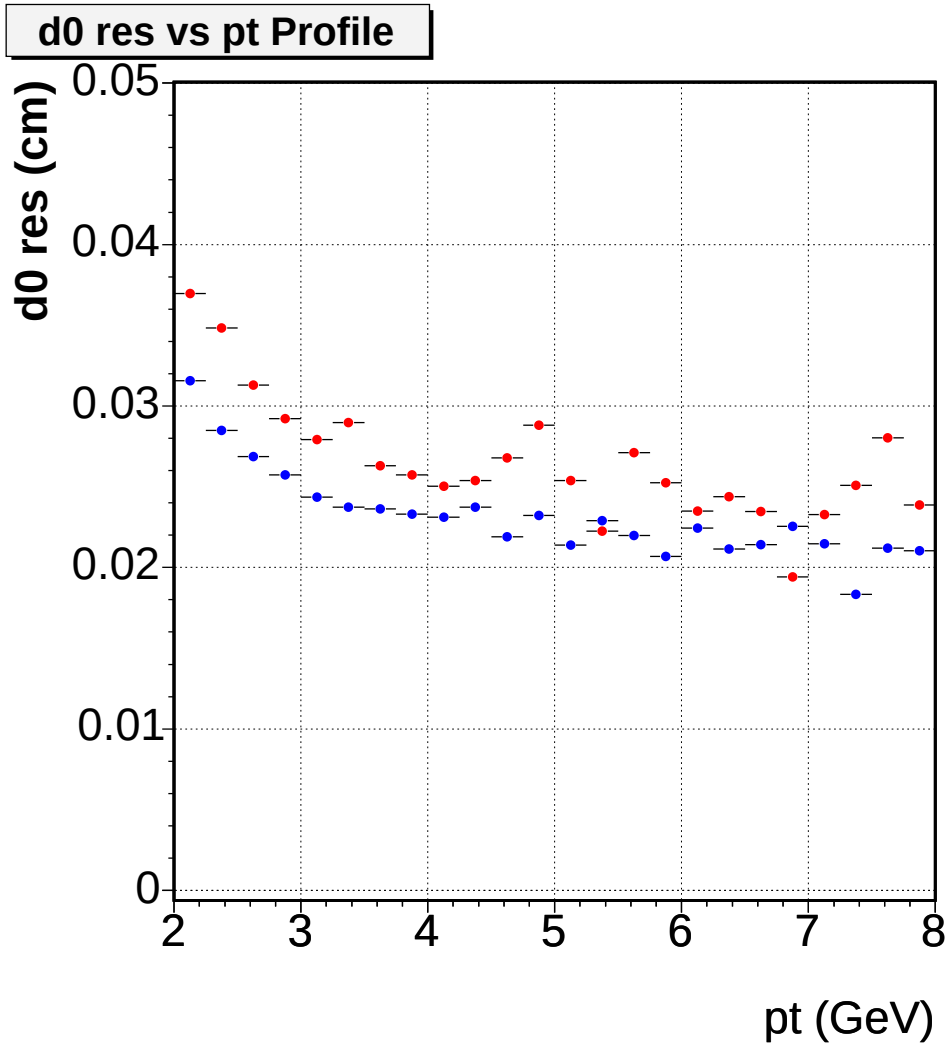
d0 and Fake Rate



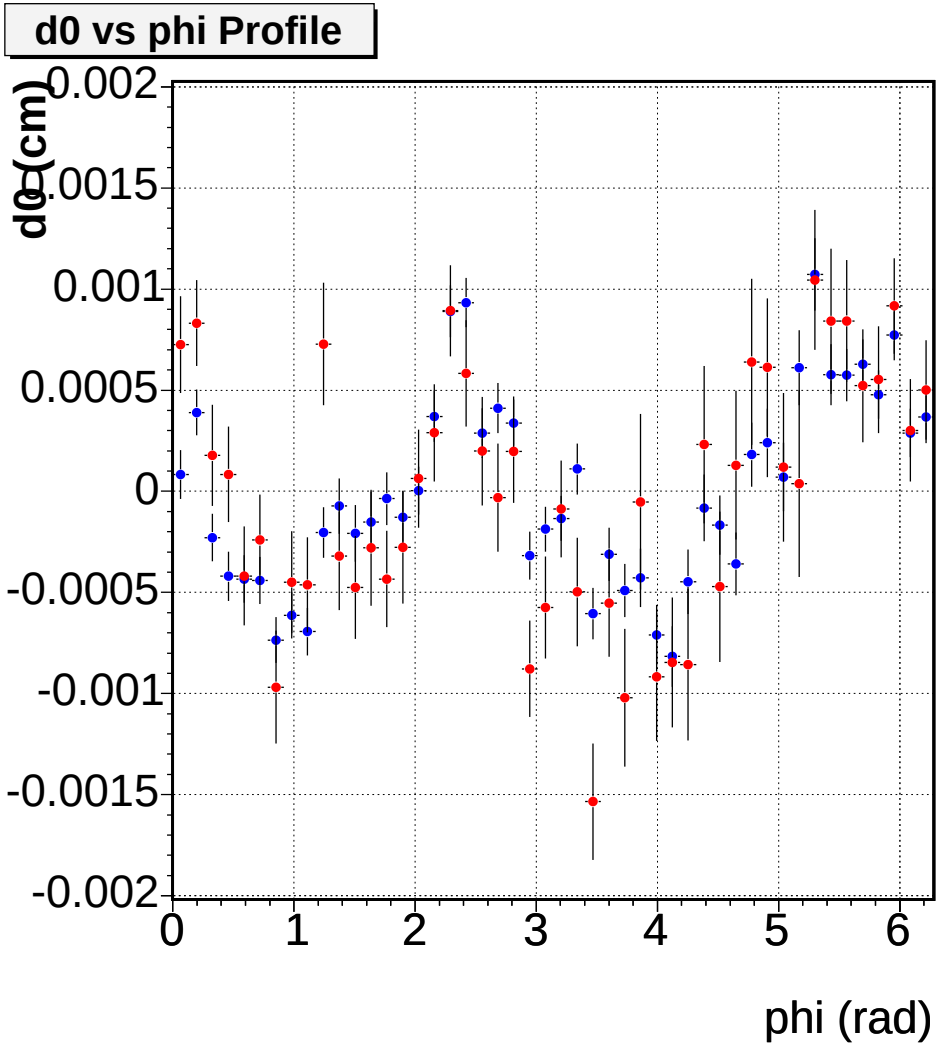


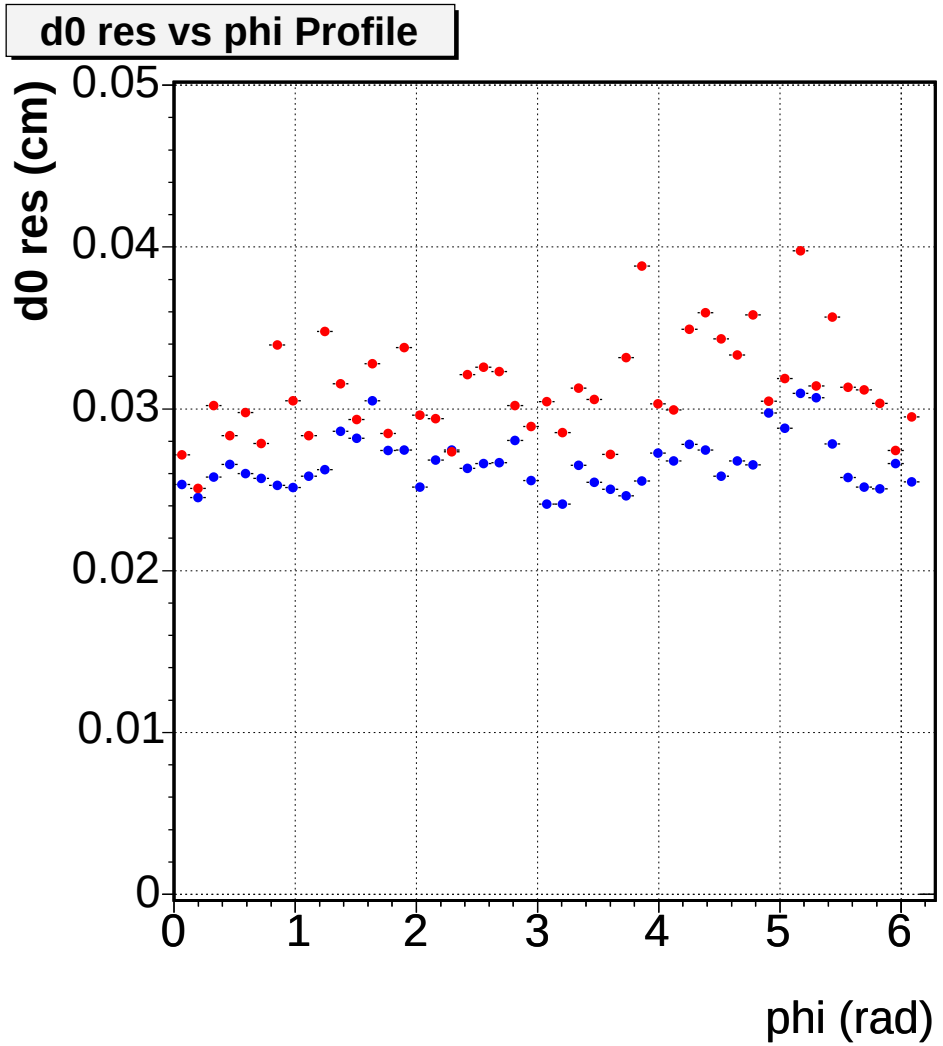
d0 Profile and Resolution vs pt



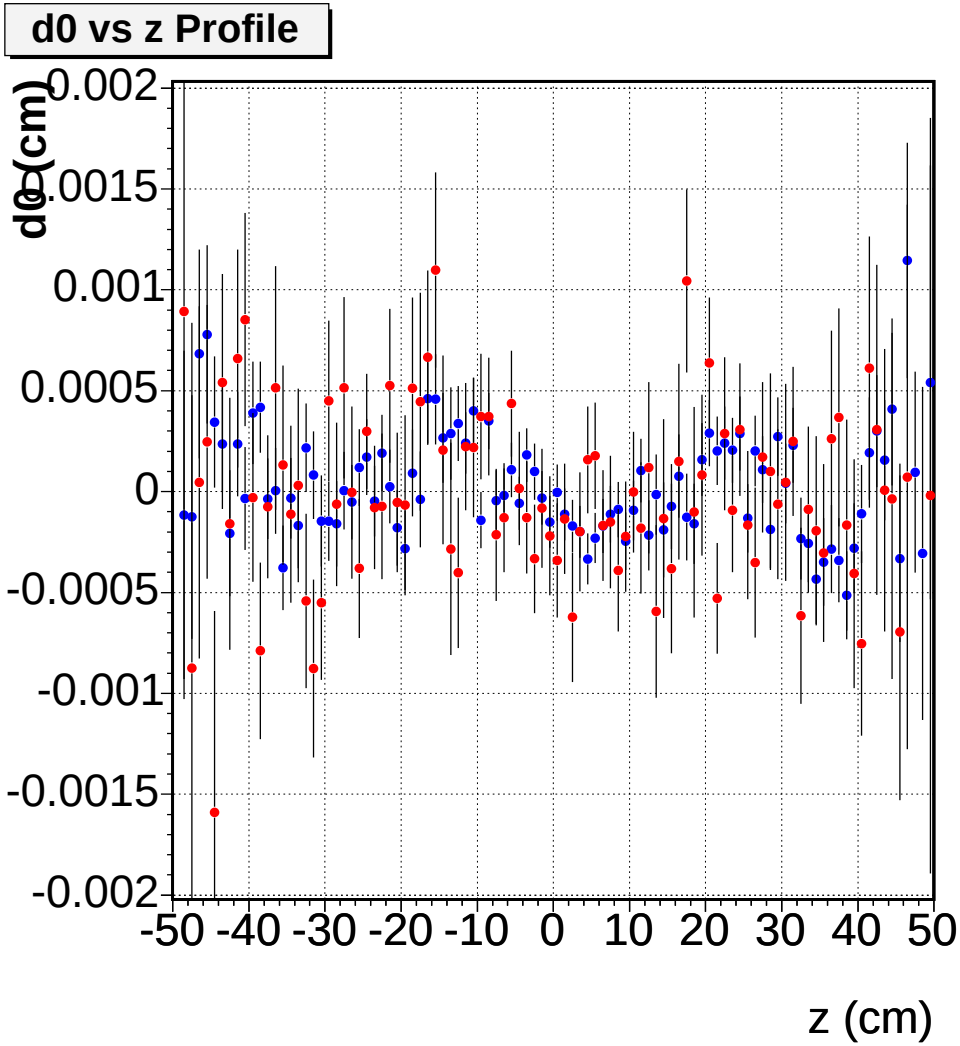


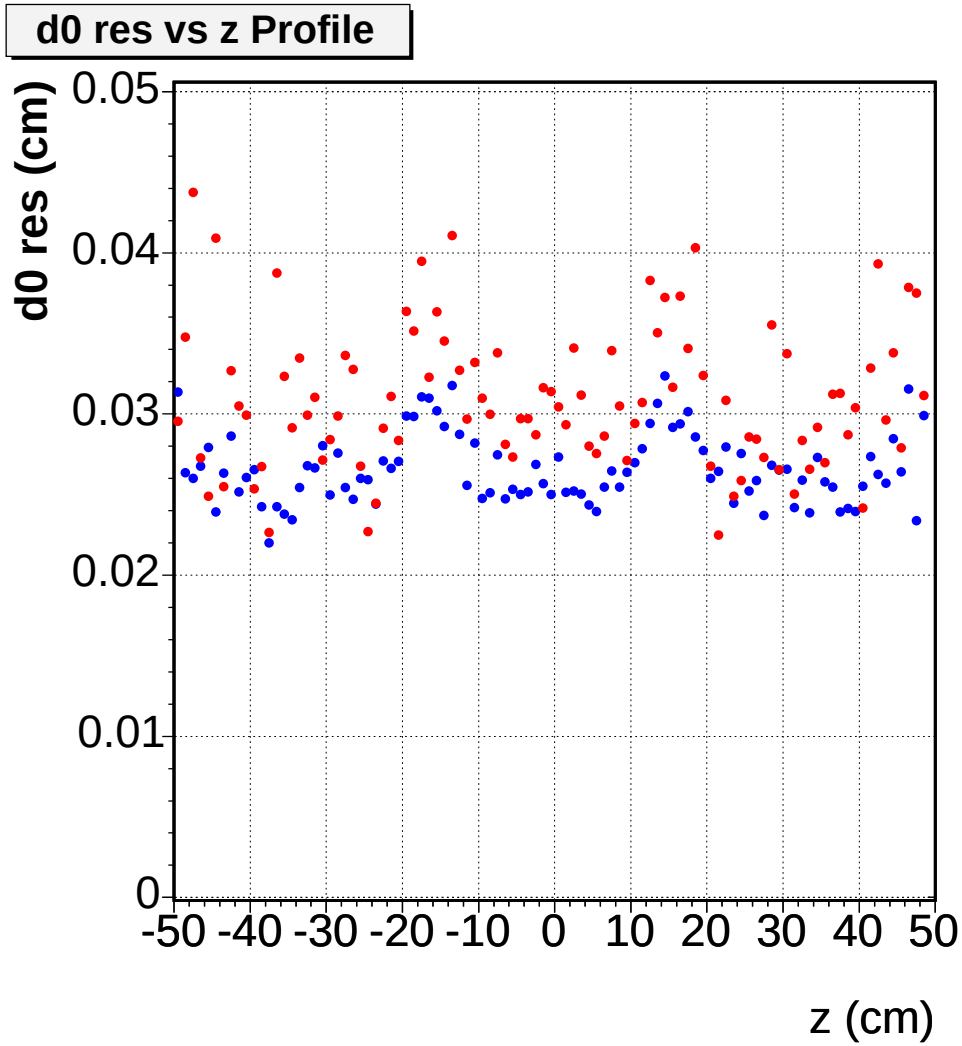
d0 Profile and Resolution vs phi





d0 Profile and Resolution vs z





Conclusions

Efficiency and Resolution is good
Fake rate and tails increased