More Muons

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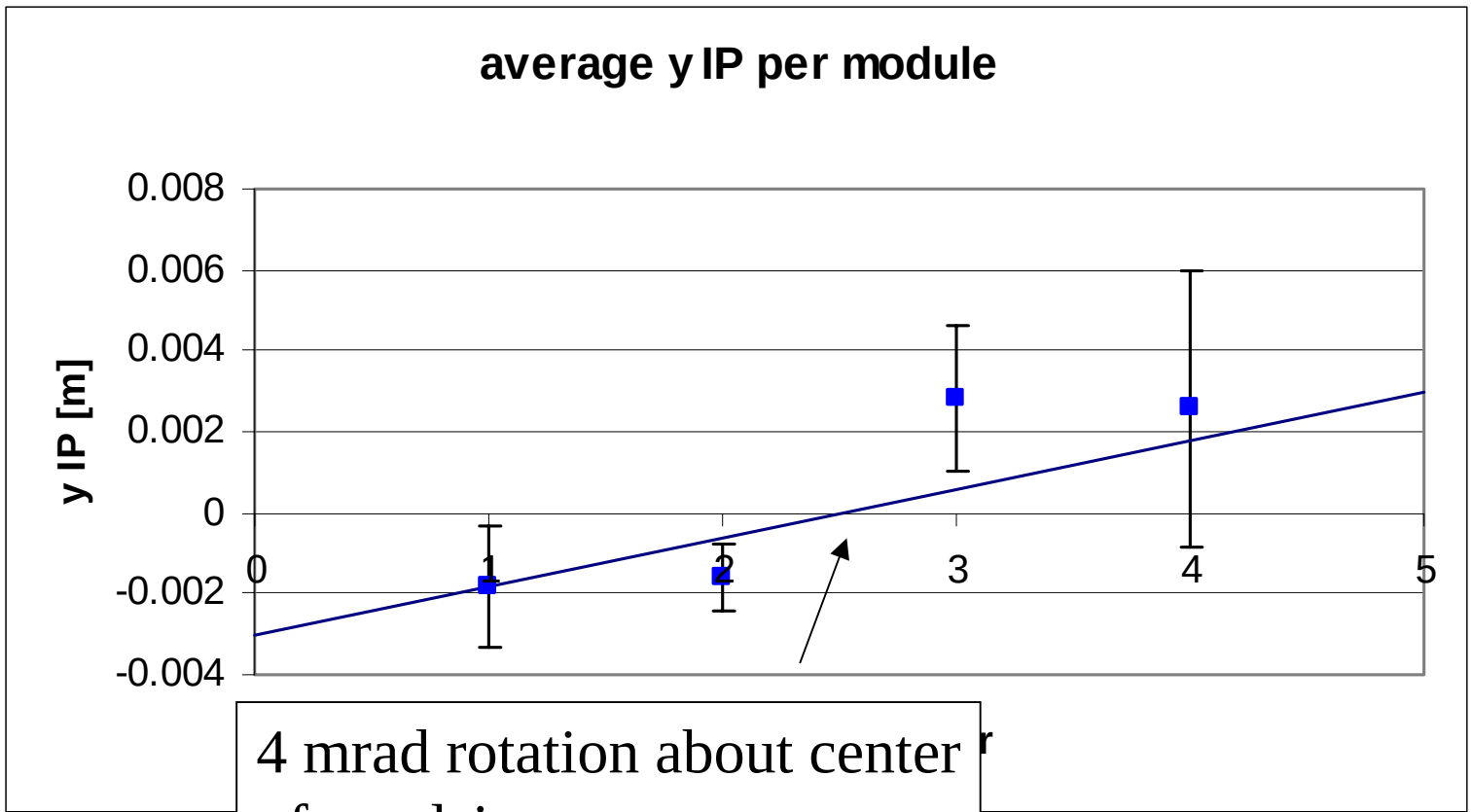
Expansion of muon sample

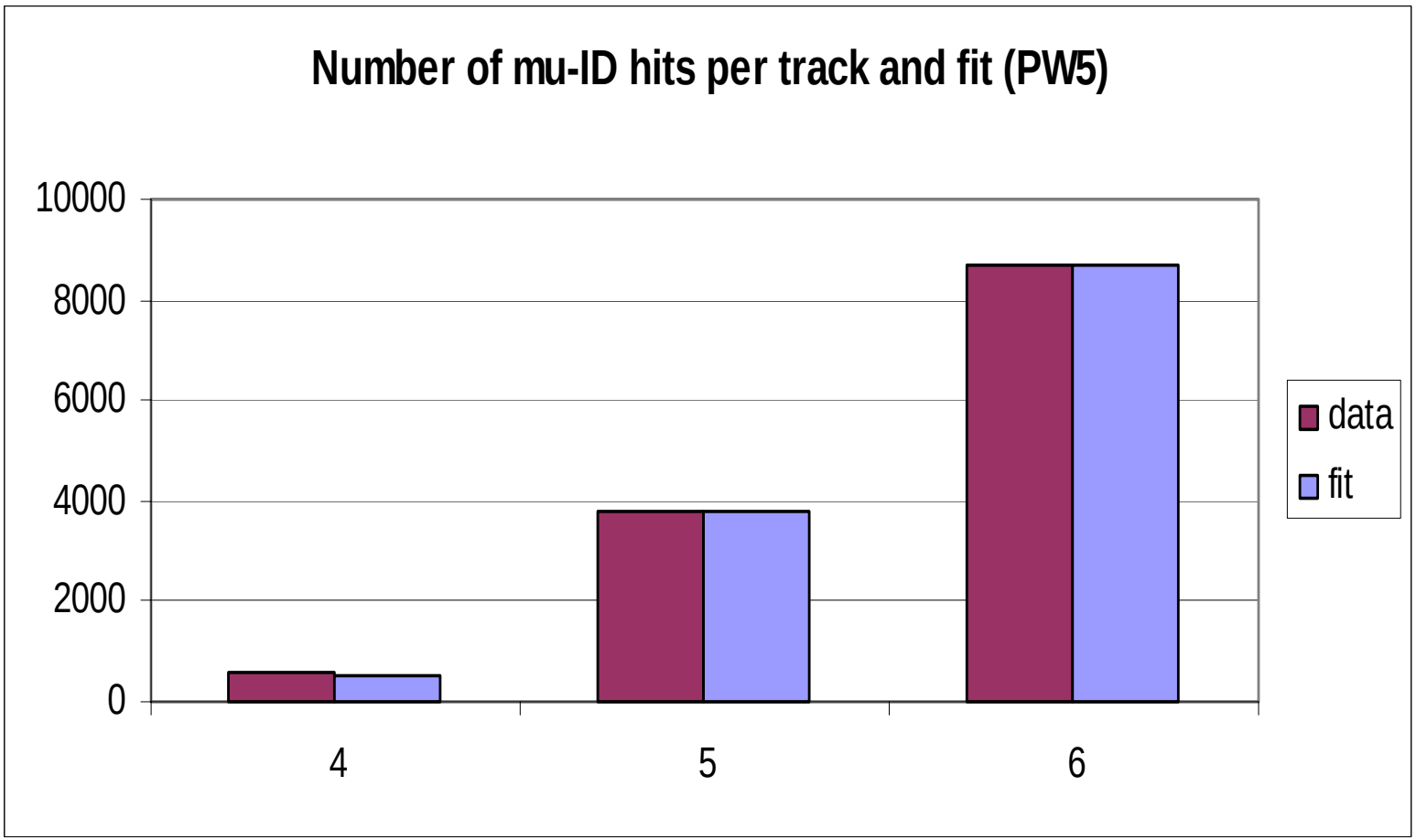
- Include muon tracks with 4 mu-ID hits
- Allow tracks with only 1 C-wall hit
- Use non-located events

Emulsion/DC alignment

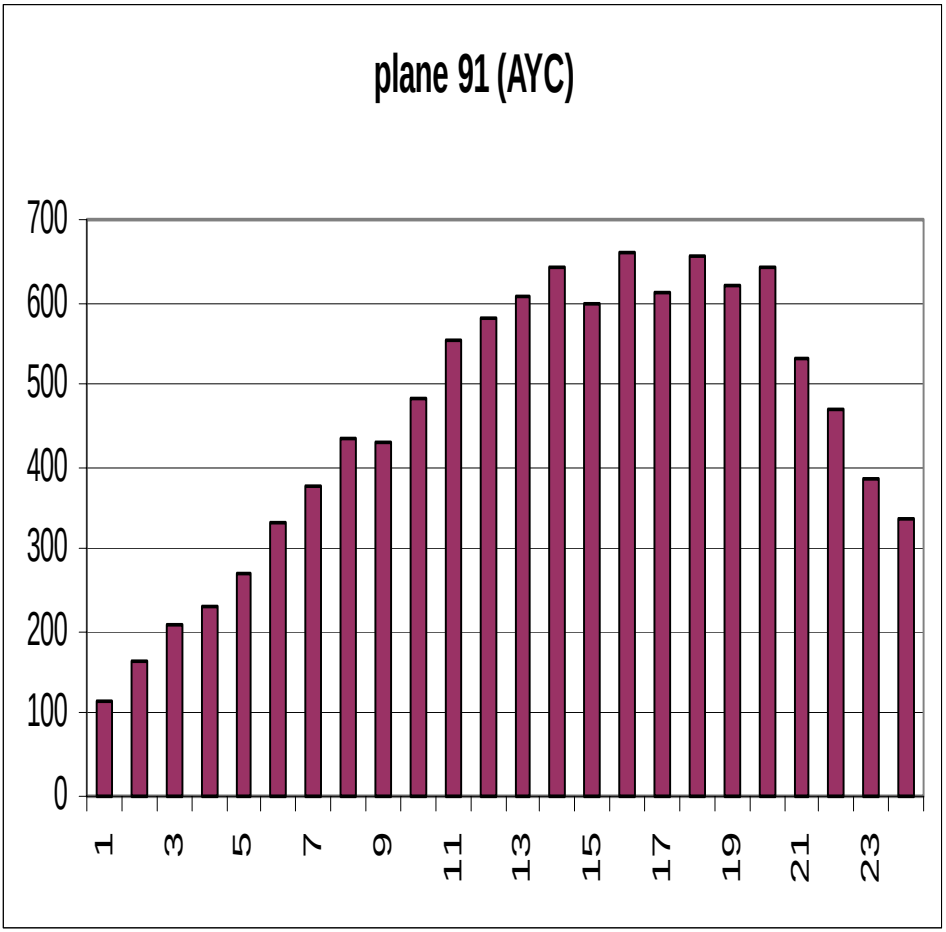


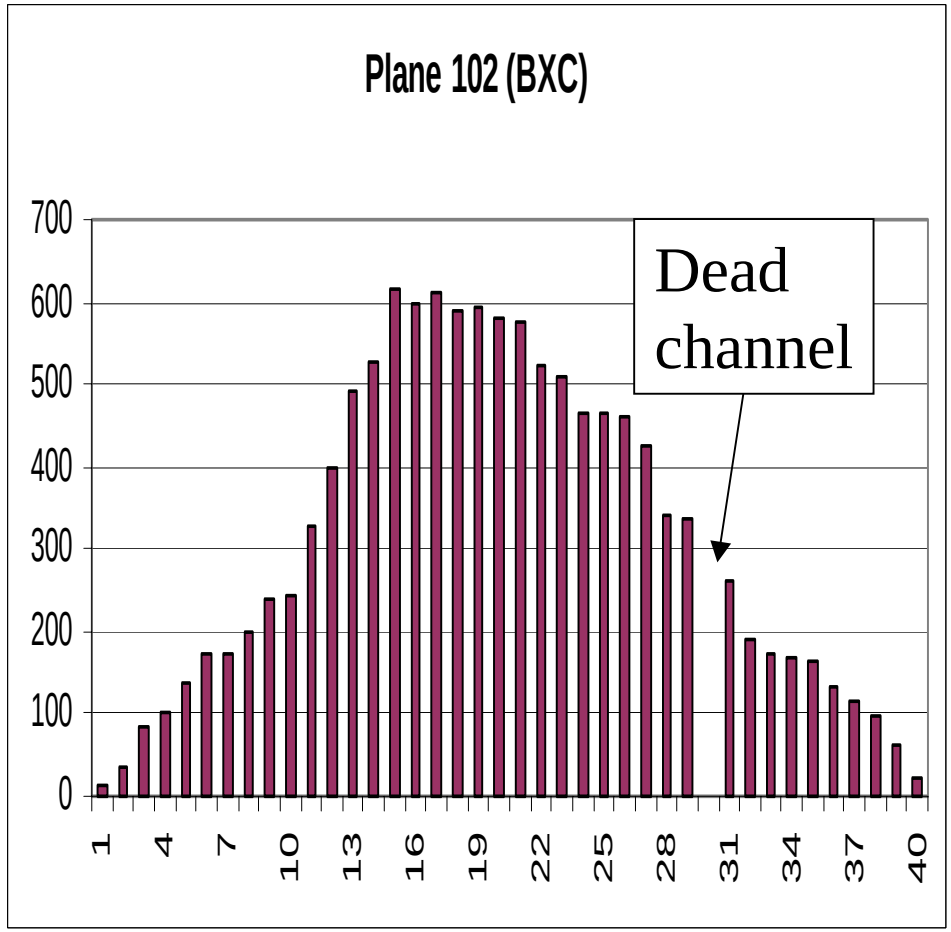
4 mrad rotation about center of emulsion system

Muon ID efficiency (PW5)

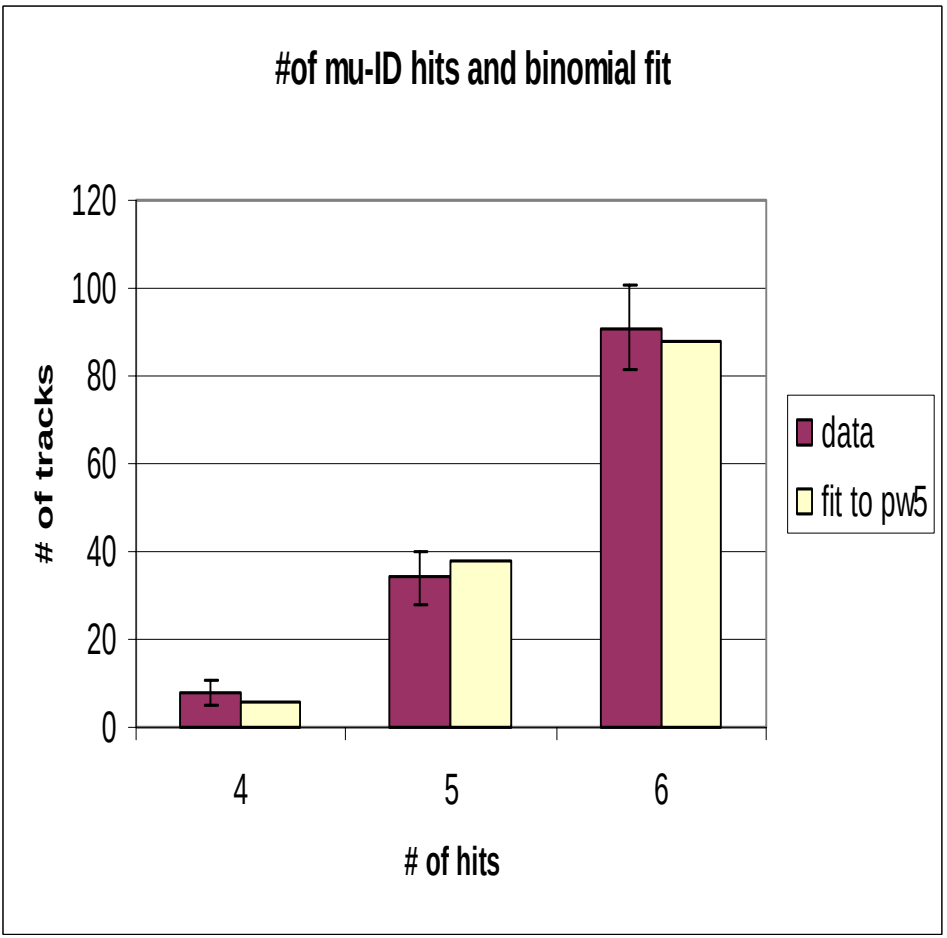


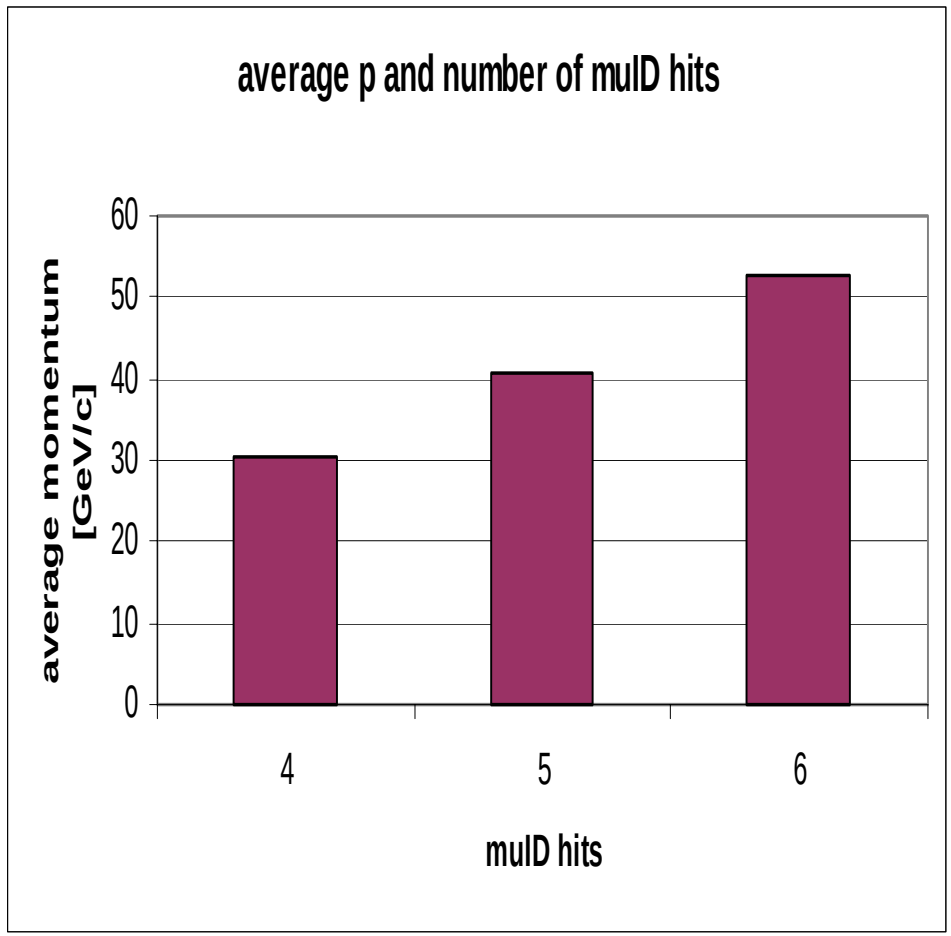
PW5 Muon distribution



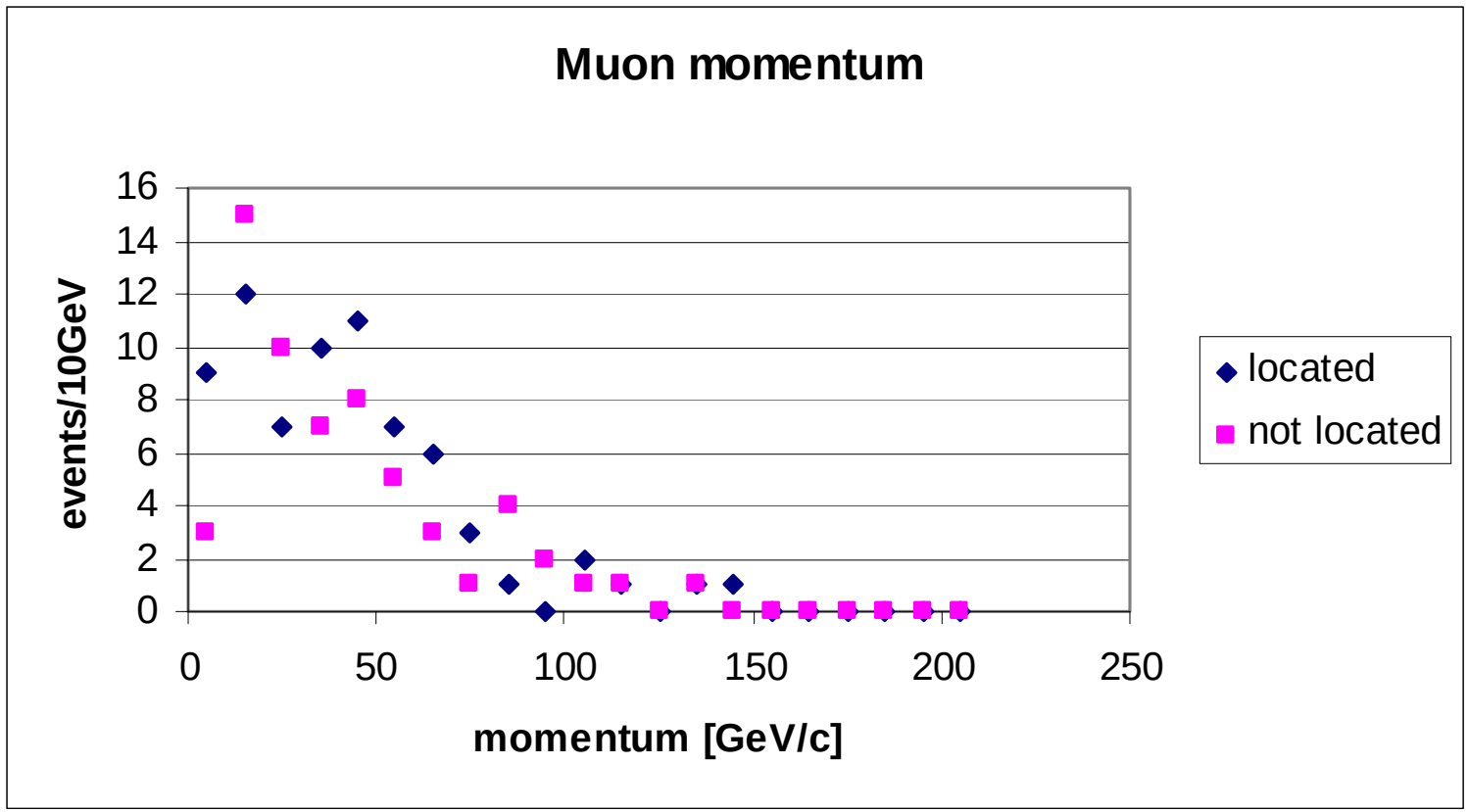


Effect of new mu-ID criteria

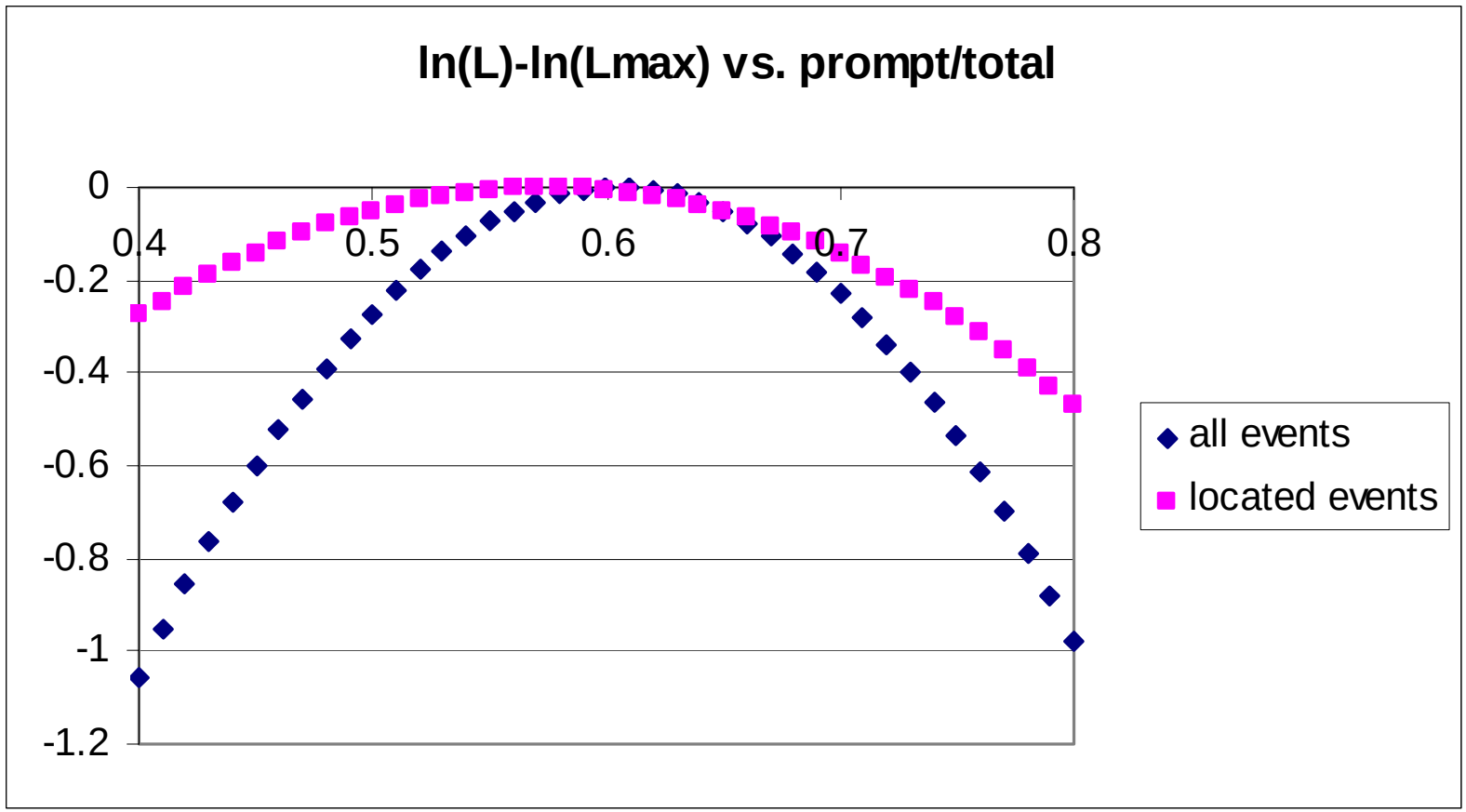




Located vs. not located



Prompt/nonprompt ratio



Summary

- Relaxing mu-ID constraint changes result for nonprompt fraction significantly (89% vs. 60%) for unknown reasons
- Not located event sample is consistent with located (also: 27% muon events in both cases) and improves error estimate on maximum likelihood fit
- Central muon ID walls are ok