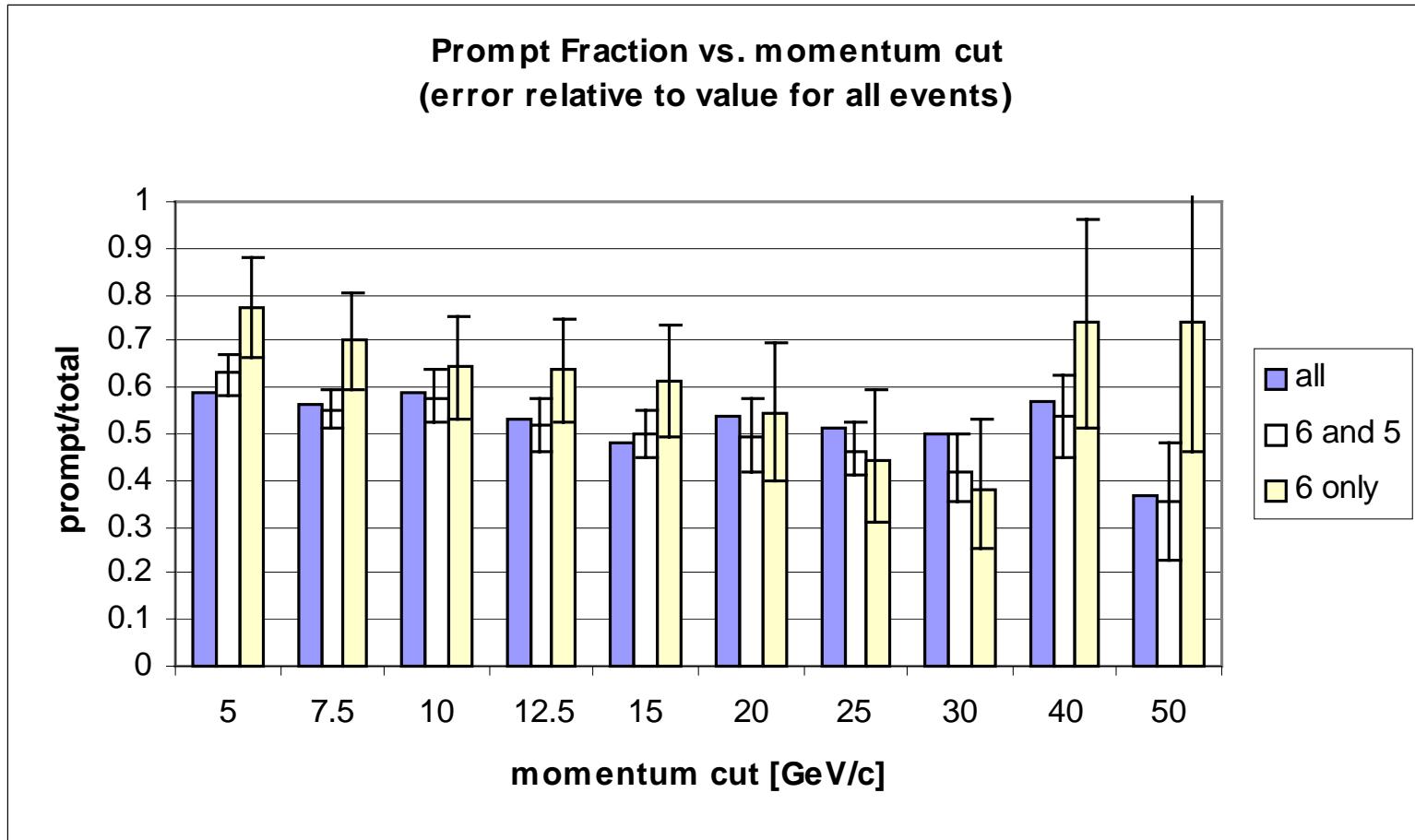


Prompt Fraction

Patrick Berghaus
Kansas State University

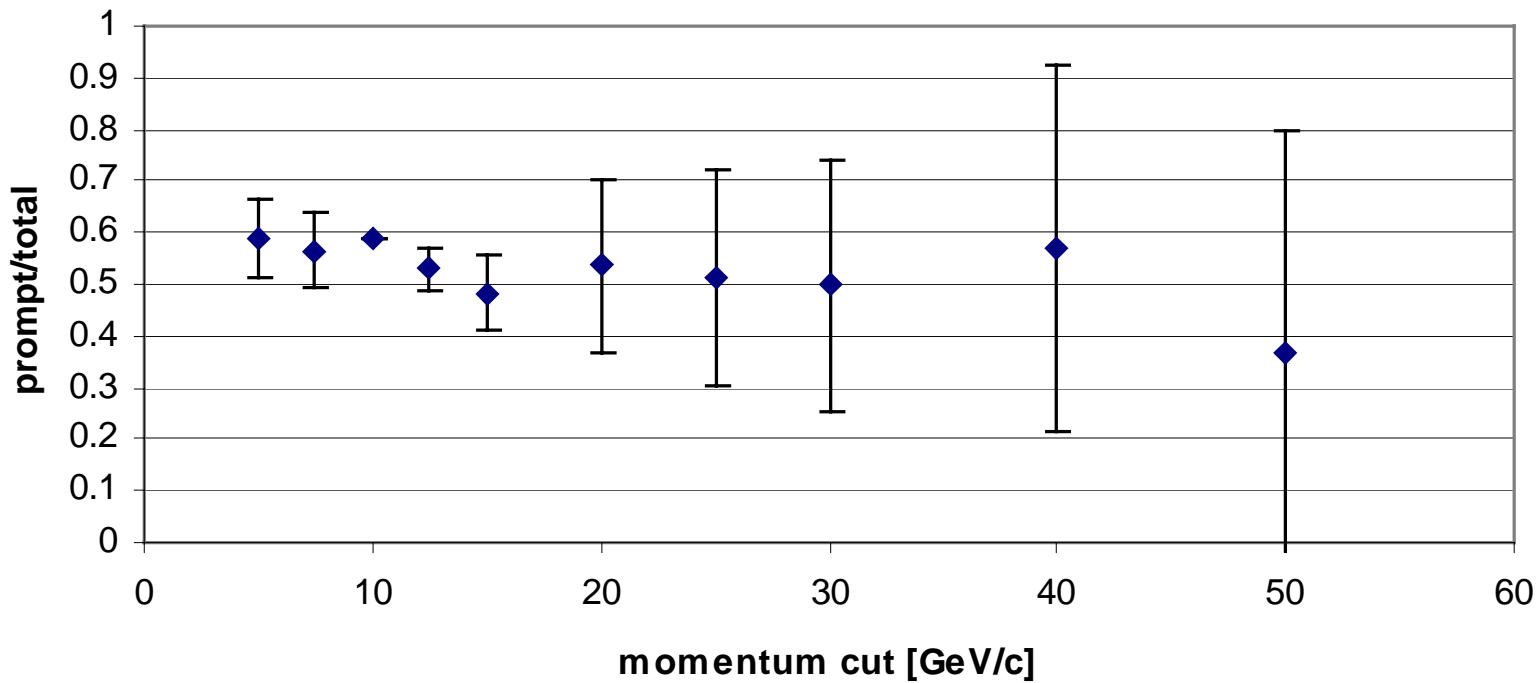
10/03/00

Number of muon ID hits

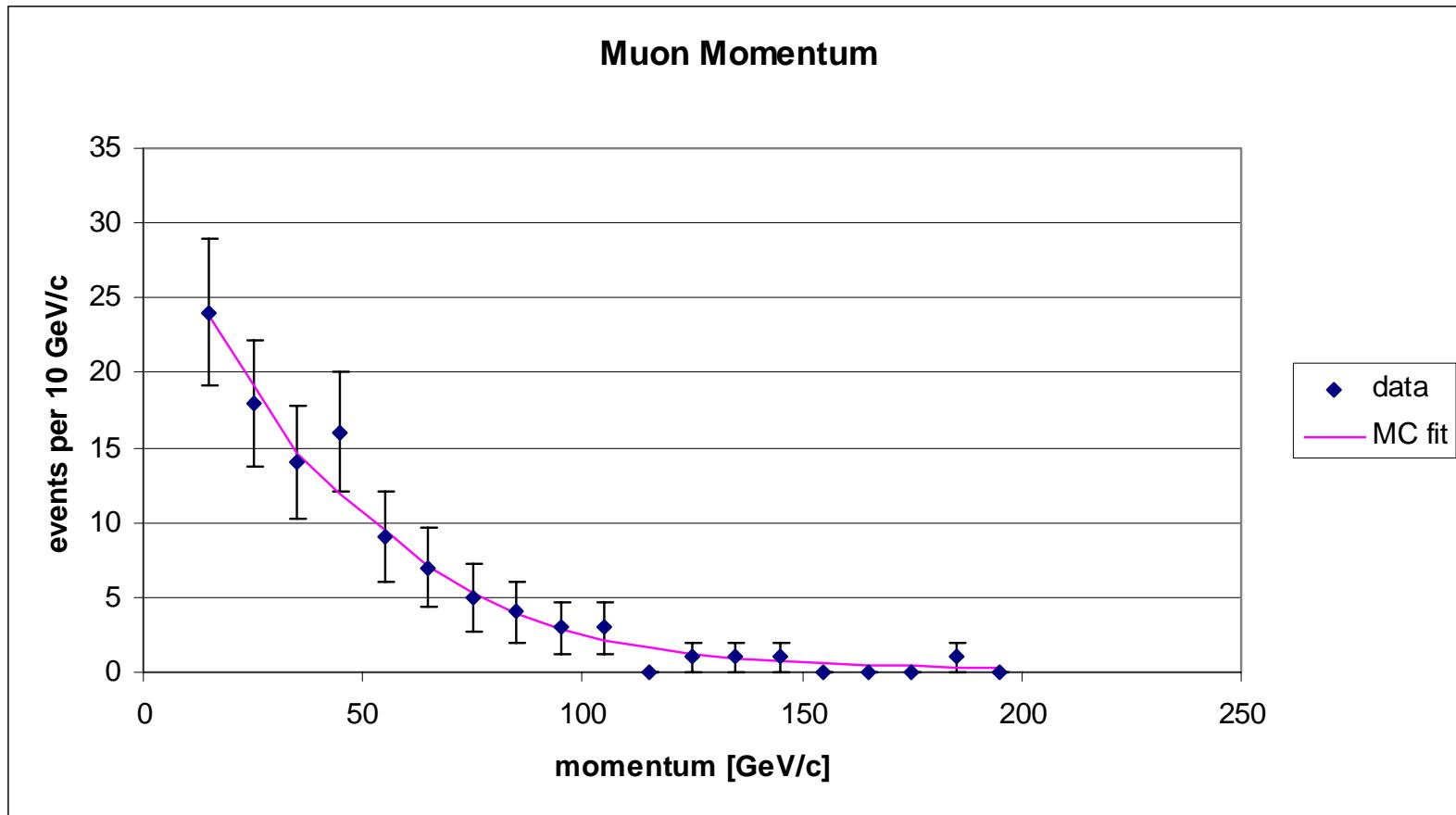


Momentum Cut

Prompt fraction and error relative to value at 10GeV (all events)

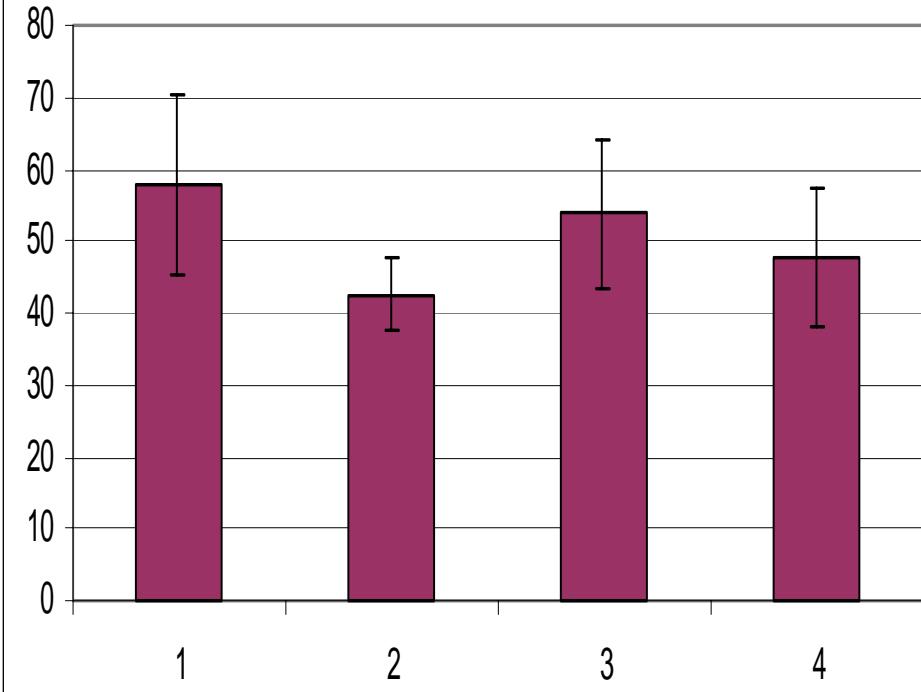


Fit with 56% prompt

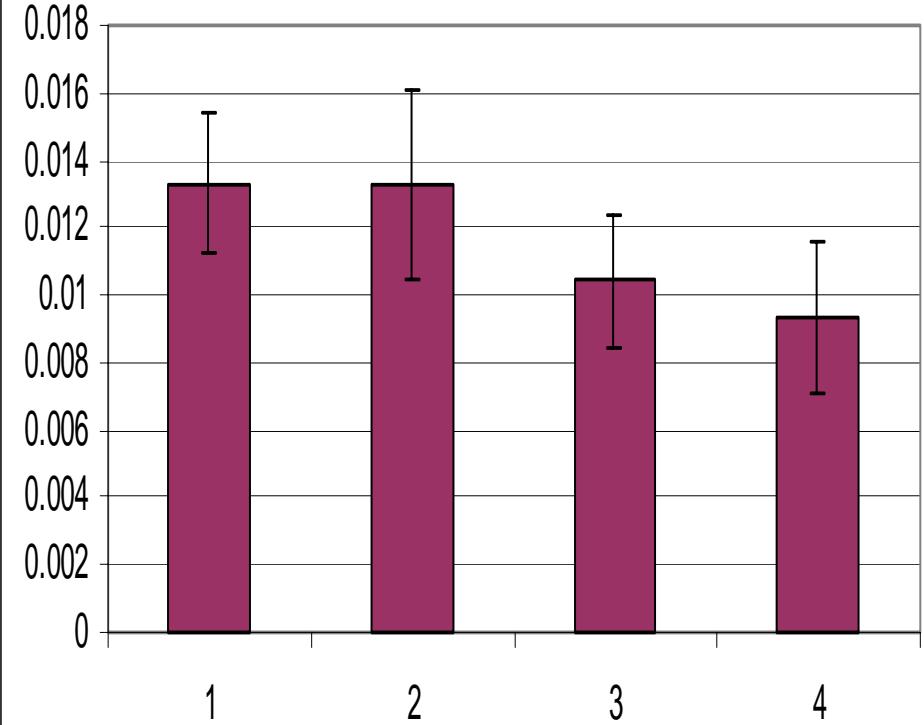


Module dependence

Average p in dependence of module number



Normalized number of muon interactions per module



Conclusion

- Spectrum at low p is not well understood
- Result is very sensitive to cuts, moderately sensitive to fitting method
- Prompt fraction appears to be $.56 \pm .17$ (stat.)
 $\pm .05$ (syst.)
- No indication for module dependent effects