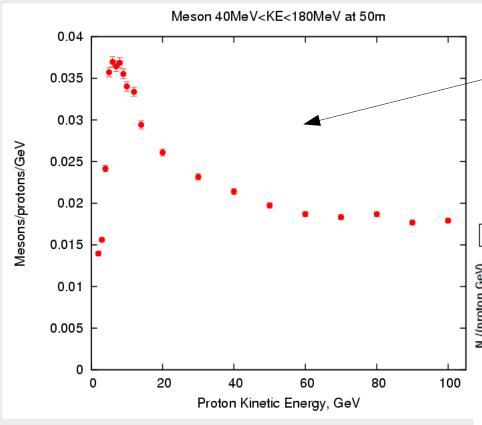
Trying to understand the differences between muons yield from ICOOL code ran at BNL & CERN

Yields as function of E_{kin}



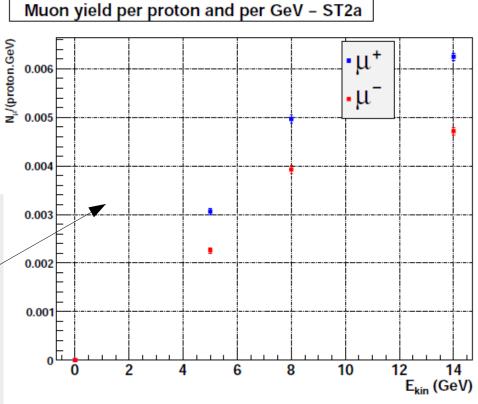
Number of $\mu^{\pm} + \pi^{\pm}$ at z = 50m with $40 < E_{kin} < 180 \text{ MeV}$ from MARS @BNL.

Number of μ^{\pm} at the end of

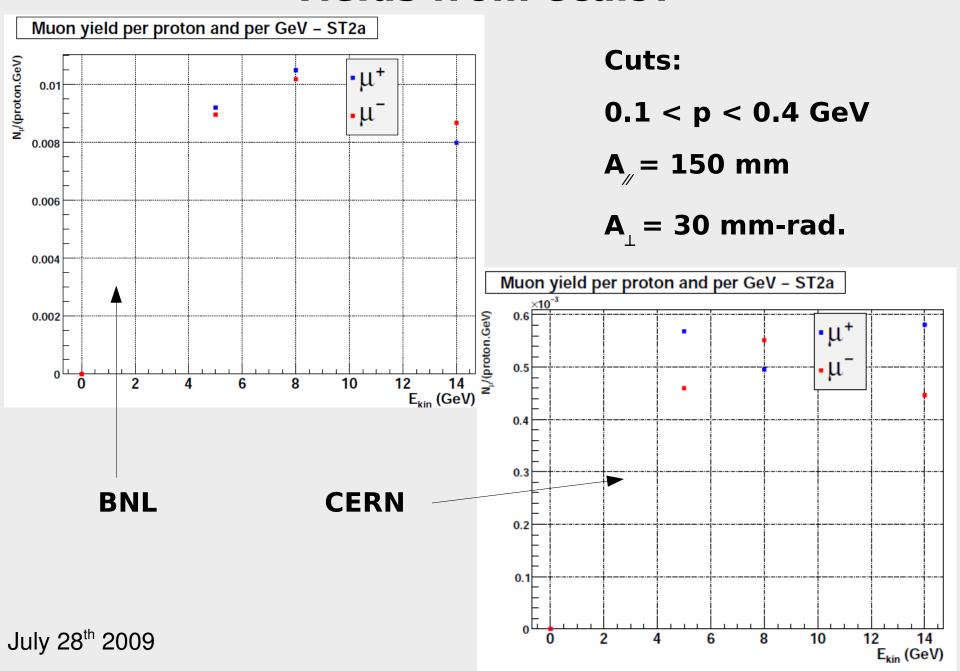
July 28th 2009

the front-end from

MARS+ICOOL @CERN.



Yields from ecal9f



Code difference (?)

MARS:

Code version different at CERN & BNL. ~5%

ST2 field map (BNL) - ST2a field map (CERN). ~5%

ICOOL:

3.10 (CERN).

scatlev = 6 (BNL) - scatlev = 4 (CERN).

SHEET model 5 (BNL) - model 4 (CERN). ~ grid map

All particles (CERN) - only μ^{\pm} and π^{\pm} (BNL).

Xiaoping running my beam on his deck.

I am running Xiaoping beam on my deck.