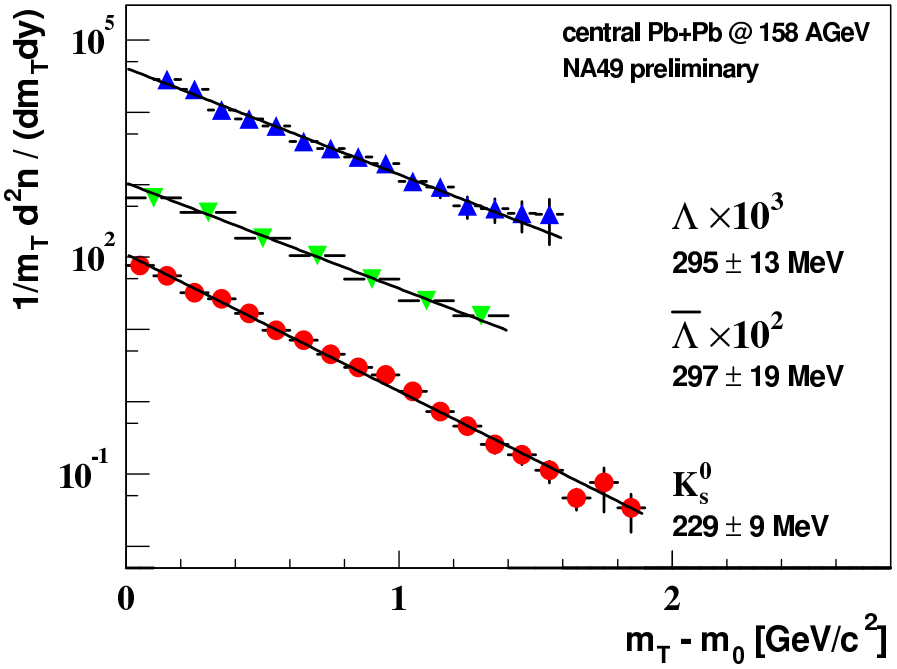
Slope Parameter

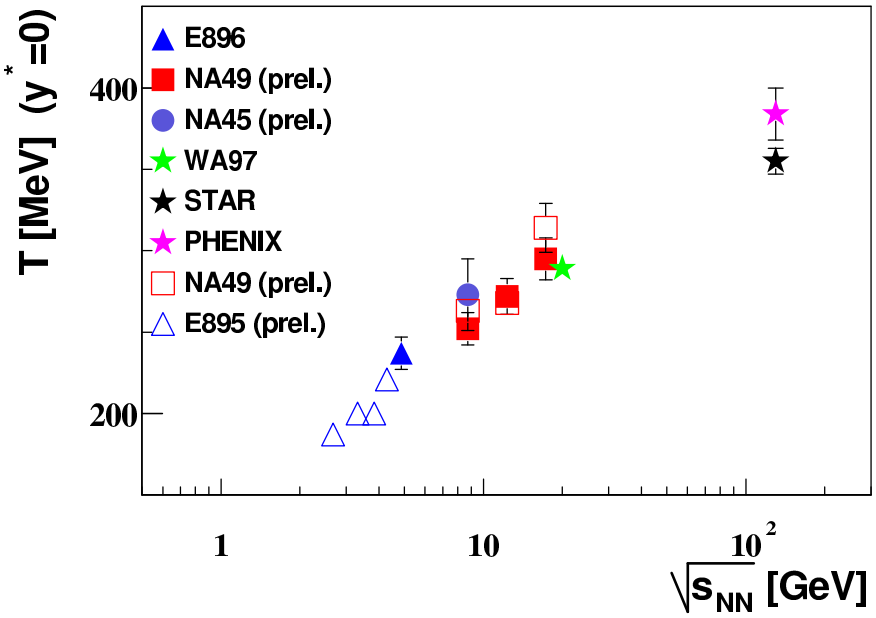
E896: PRL 88(02)062302
NA45: W. Schmitz, SQM2001
WA97: Eur.Phys.J. C14(99)633
STAR: nucl-ex/0203016
Phenix: nucl-ex/0204007
E895: J.L. Klay, PhD Thesis

m_T-Spectra @ 158AGeV for $|y^*| \leq 0.4$



Filled Symbols: Λ

Open Symbols: p



$$\frac{1}{m_T}\frac{d^2n}{d(m_T)dy} \propto \exp\left(\frac{-m_T}{T}\right)$$

Inverse Slope increases with increasing Energy
-> Transverse Flow increases with Energy
-> Similar Behavior of p and Λ