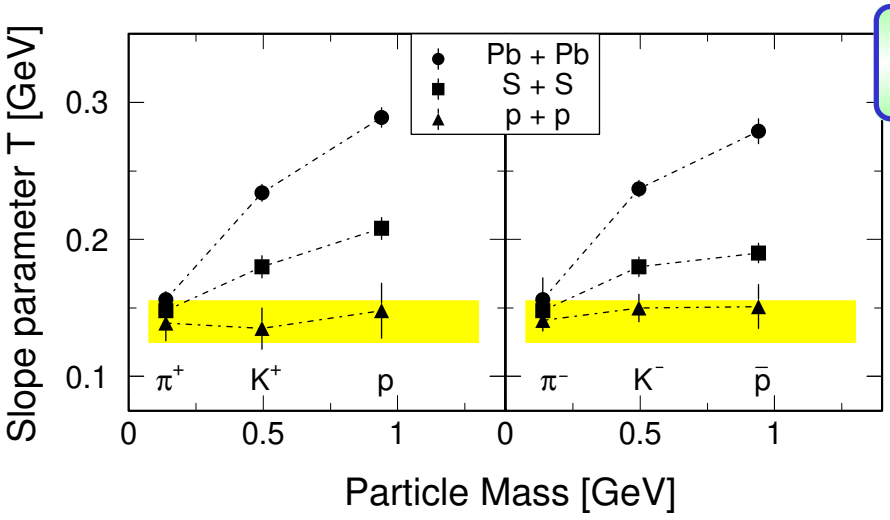
Thermal freeze-out temperature

- Slope parameter T and particle mass m may be described by the relation ship

$$T = T_{fo} + m\langle v_t \rangle^2$$

  - T_{fo} : freeze-out temperature
  - $\langle v_t \rangle$: averaged collective flow velocity



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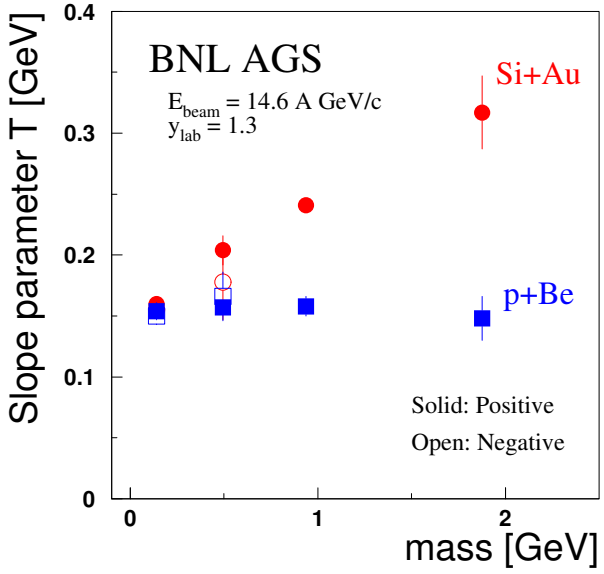
At SPS

T_{fo} = 140±10 MeV



At AGS

T_{fo} = 145±15 MeV

●○ T. Abbott et al, Phys. Rev. C50 (1994) 1024
■□ T. Abbott et al, Phys. Rev. D50 (1992) 3906