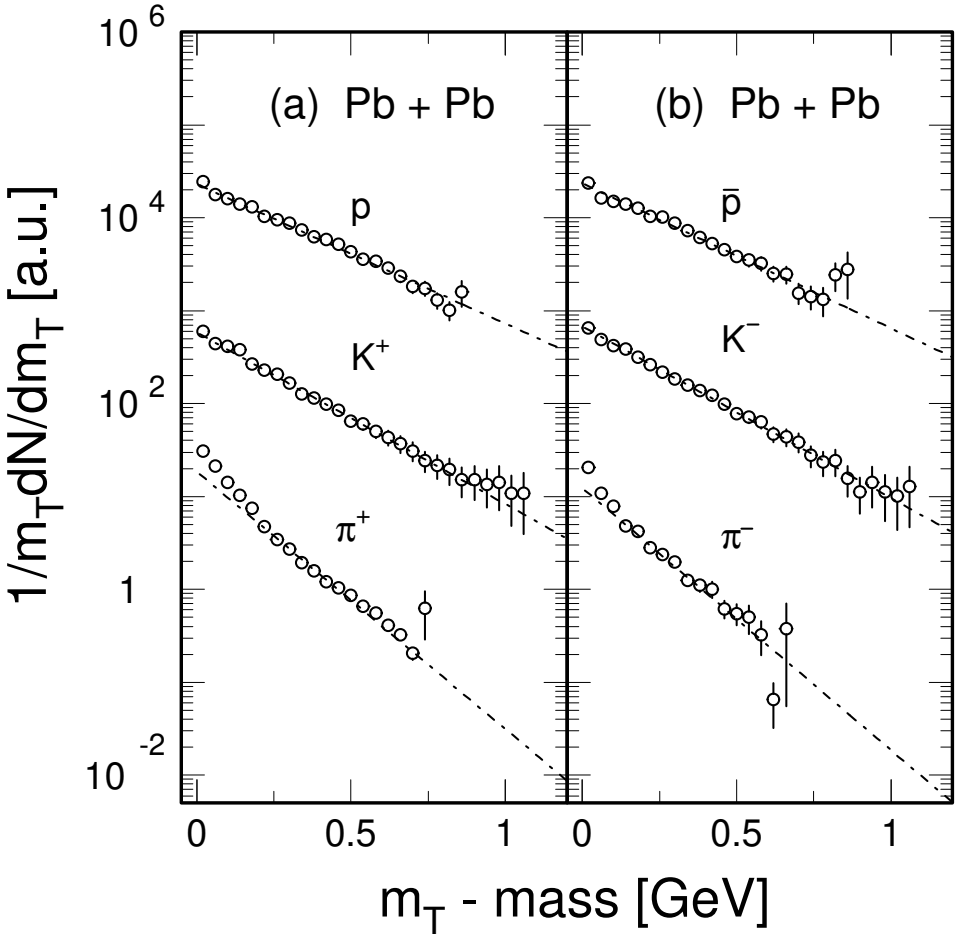
# Thermal freeze-out

$$\frac{1}{m_T}\frac{dN}{dm_T} = A\exp(-\frac{m_T}{T}) \quad : \text{ Boltzmann distribution}$$

## Transverse mass distributions




(a) Positive
(b) Negative

The dashed lines in figure are fits to the function

Phys. Rev. Lett. 78 (1996) 2080

- The slope parameter $T$ depends on particle mass