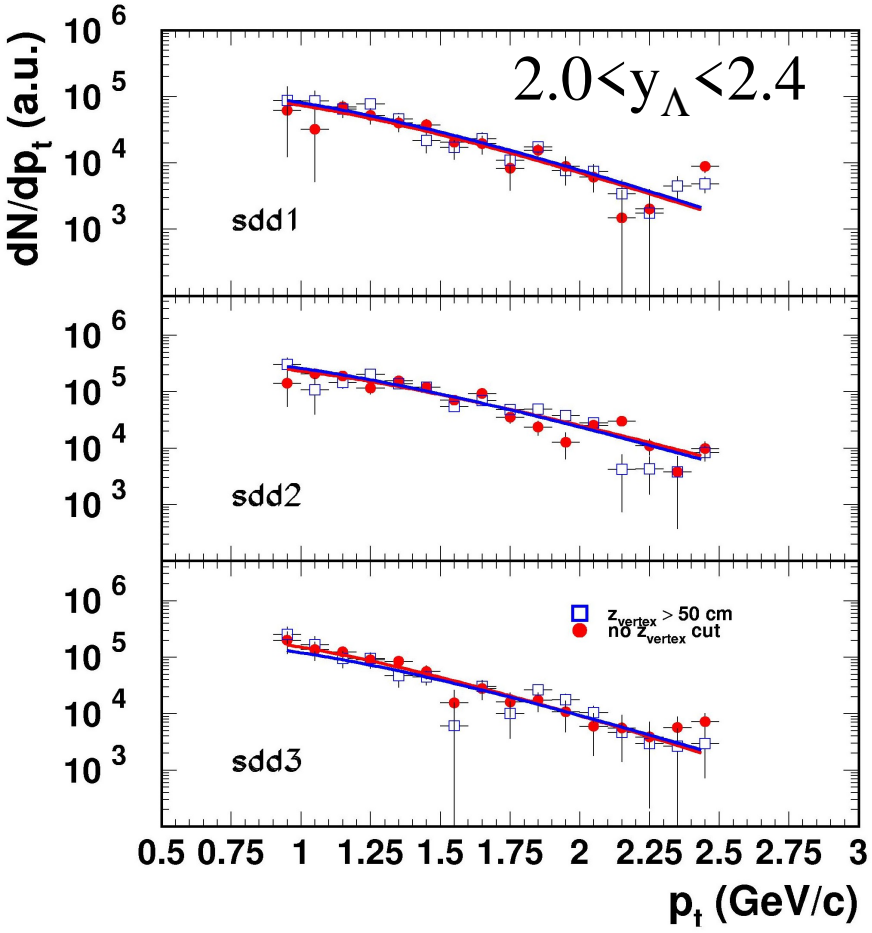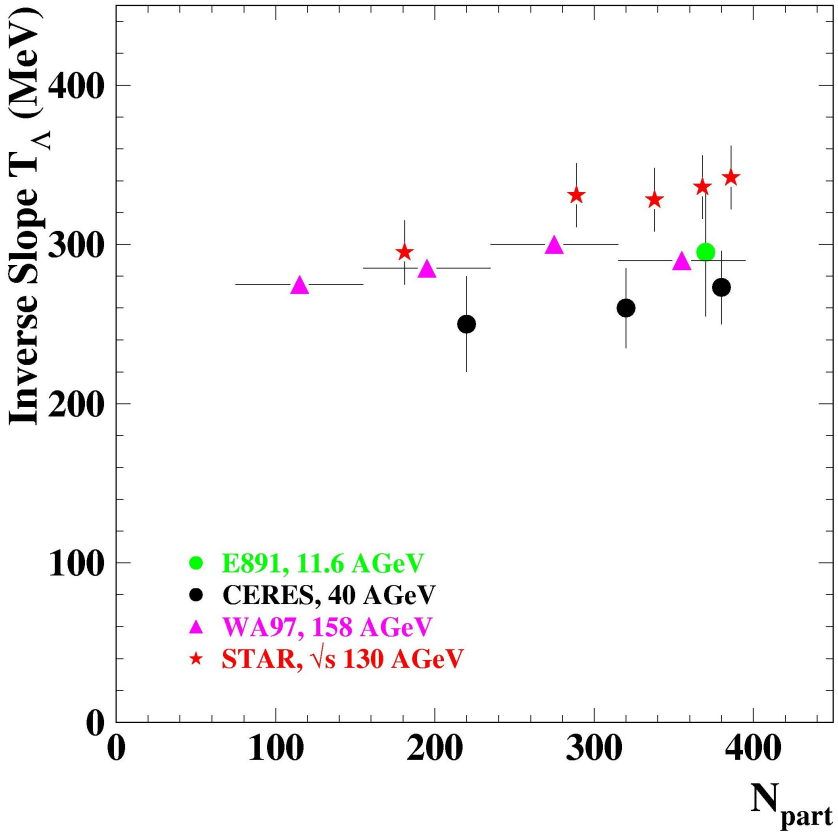Λ-hyperon production