# Strange hadron production in Au+Au collisions at $\sqrt{s_{NN}} = 3 - 27$ GeV with UrQMD.

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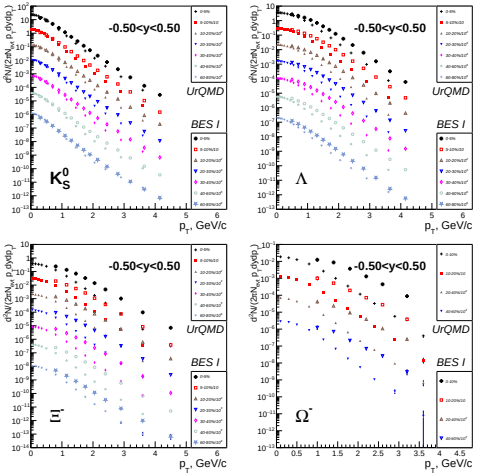
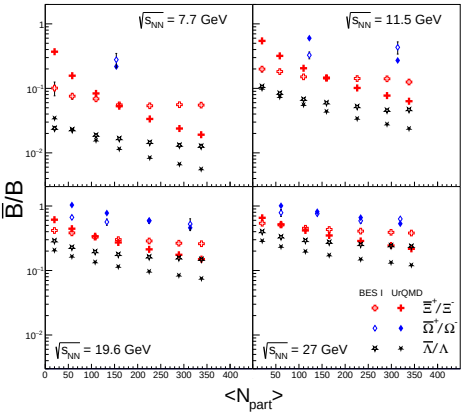
# Particles production

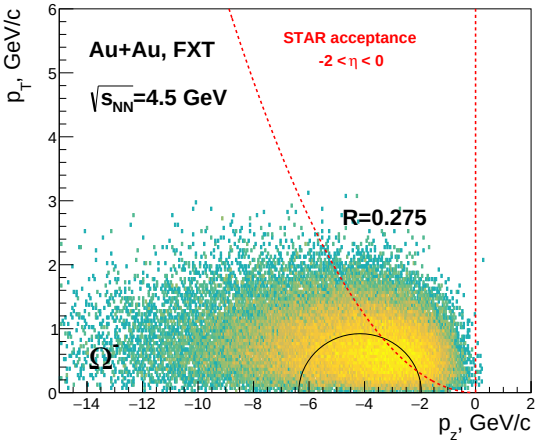



$p_T$ spectra for $\sqrt{s_{NN}} = 27$ GeV




$\bar{\Lambda}/\Lambda$ is underestimated; $\bar{\Xi}^+/\Xi^-$ and $\bar{\Omega}^+/\bar{\Omega}^-$ underestimated in central and overestimated in peripheral collisions

# Near threshold production




$$p + p = {}^{-} + n + 3K^{-}$$

$$E^{\Omega^-}_{thresh} \approx 4.10 \text{ GeV}$$

$R-$ is a ratio of particles produced in the cumulative region and falling inside STAR acceptance to the total number

Black line - region allowed in $p + p$ collisions

Sufficient statistics are available for analysis of cumulative effects!