Study strange particle in jet

THnSparse need large computer memory

5 M events pp 7 TeV

Track eta distribution
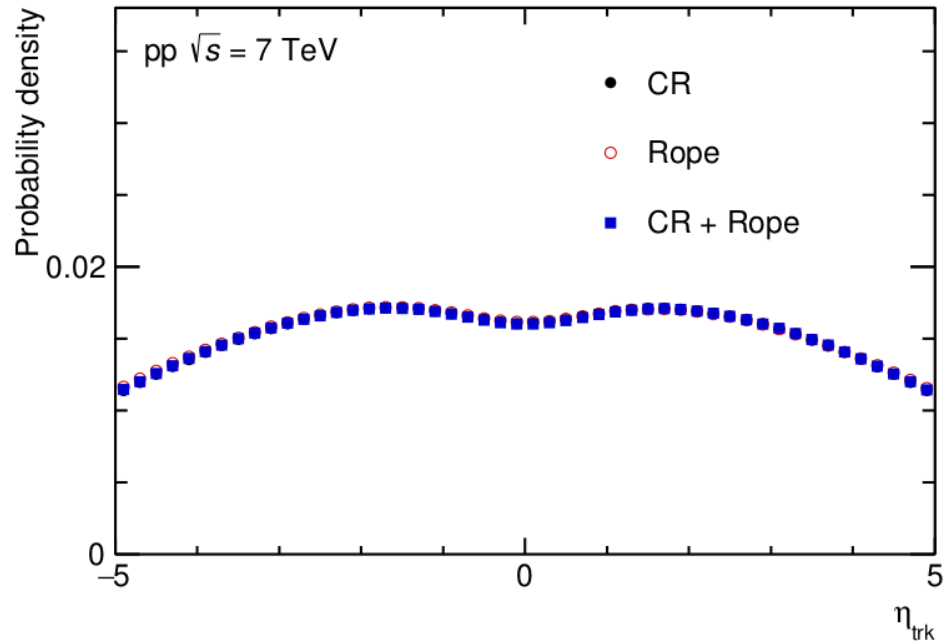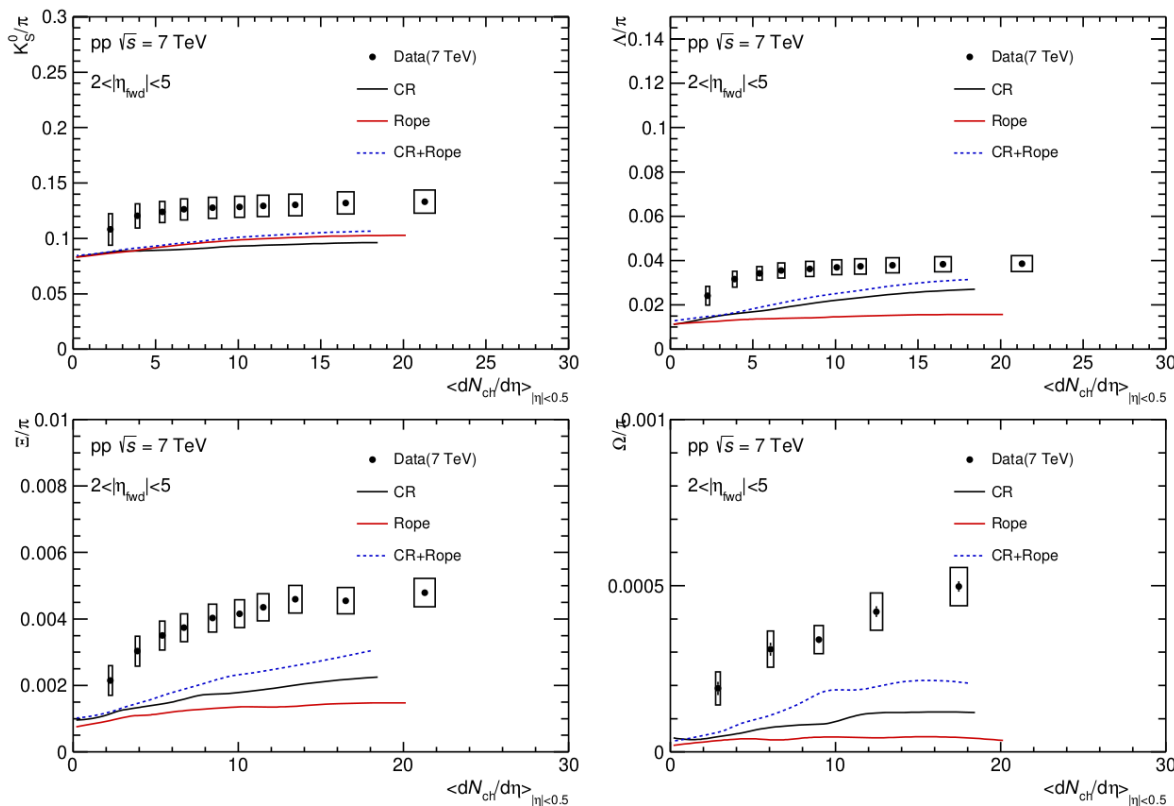

Figure 2: Track η distribution.

- Track eta distribution in MB events
- Normalized to probability density
- No significant different between different settings

Integrated yield to pion ratio

Figure 3: Integrated yields ratios of strange particle to π with $\mathrm{d}N_{\mathrm{ch}}/\mathrm{d}\eta$.

- Particle-to-pion ratios with dNdEta distribuiton

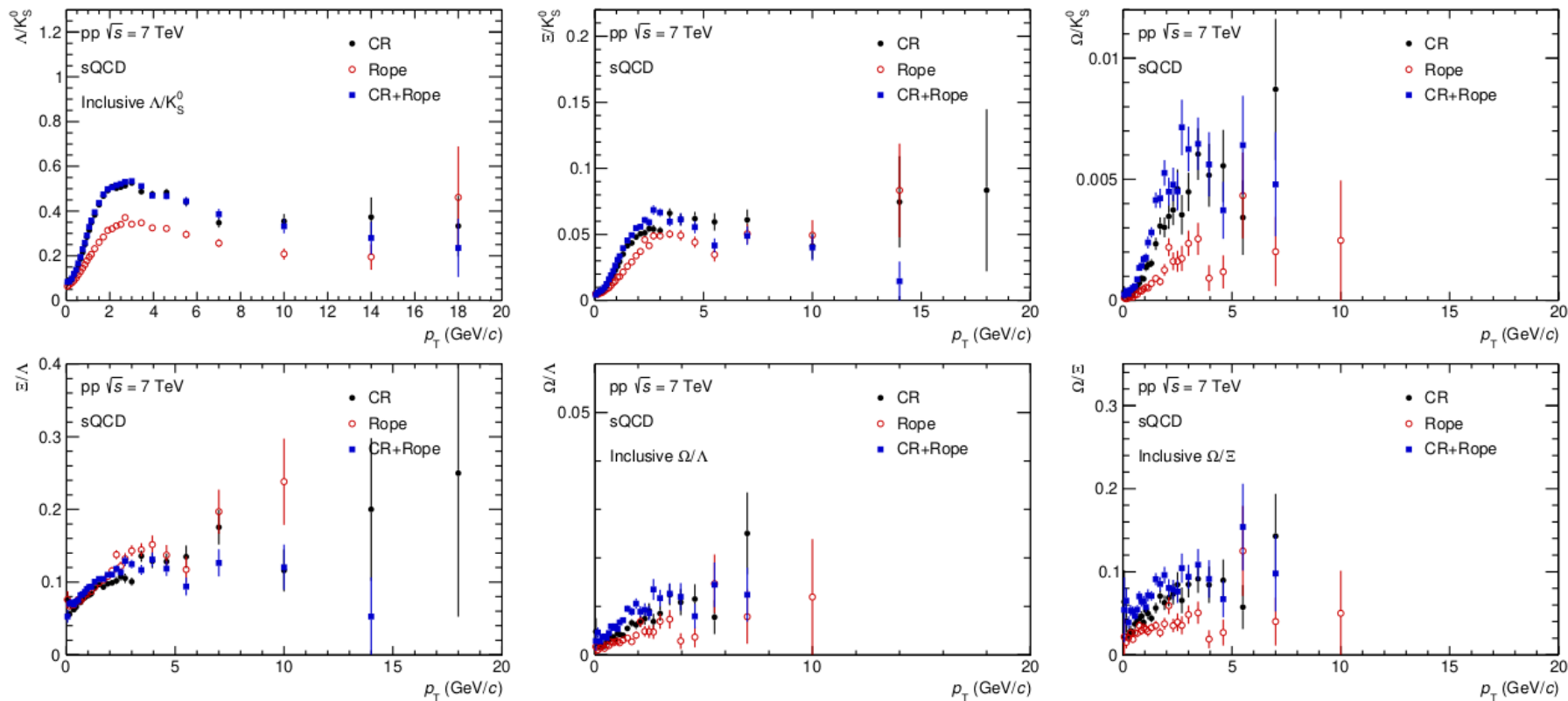# Inclusive particle ratio with pT distribution

Figure 4: Inclusive baryon-to-meson ratio(top) and Baryon-to-meson ratio(bottom) with p_T distribution.
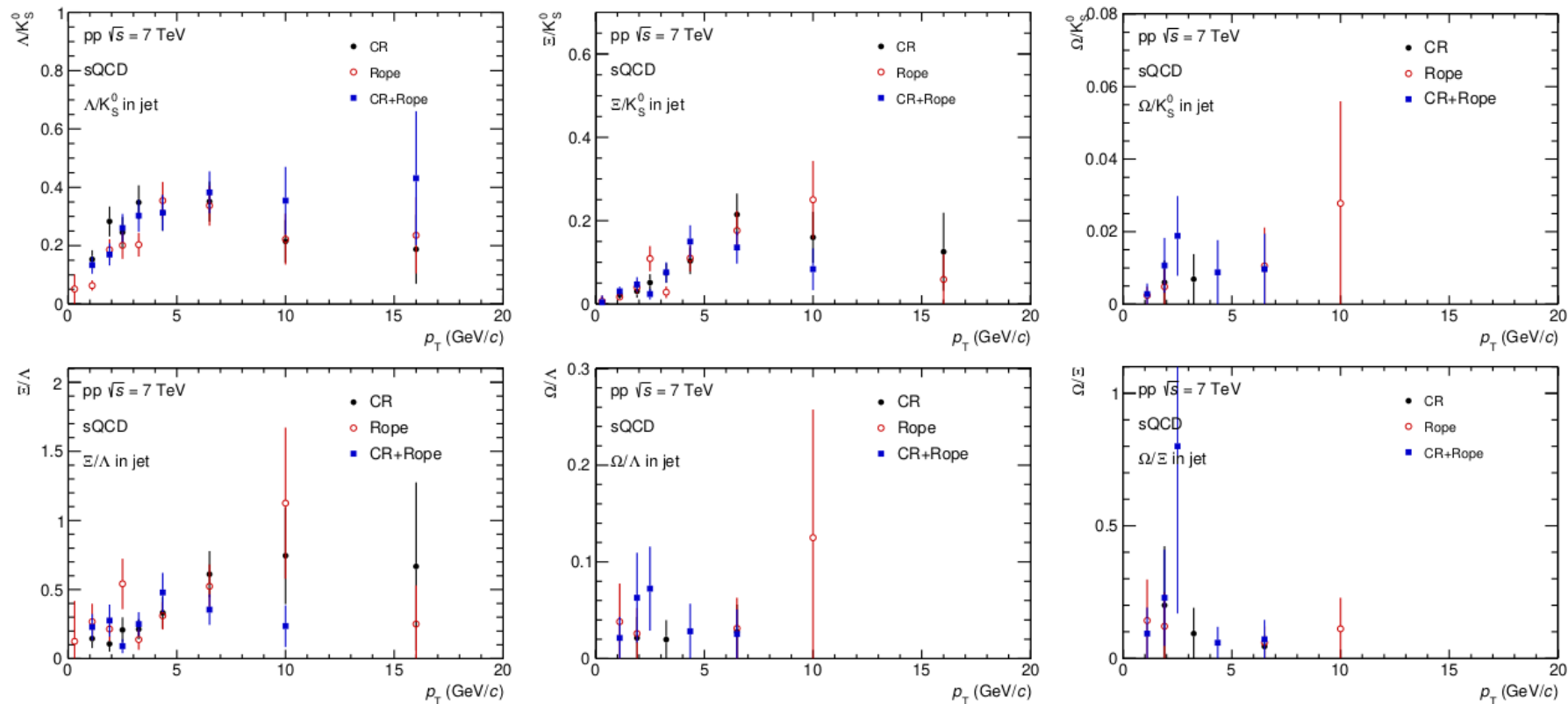
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Particle ratio in jet with pT distribution

Figure 5: Baryon-to-meson ratio(top) and Baryon-to-meson ratio(bottom) in jets with p_T distribution.