



Status Report

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2021.04.28

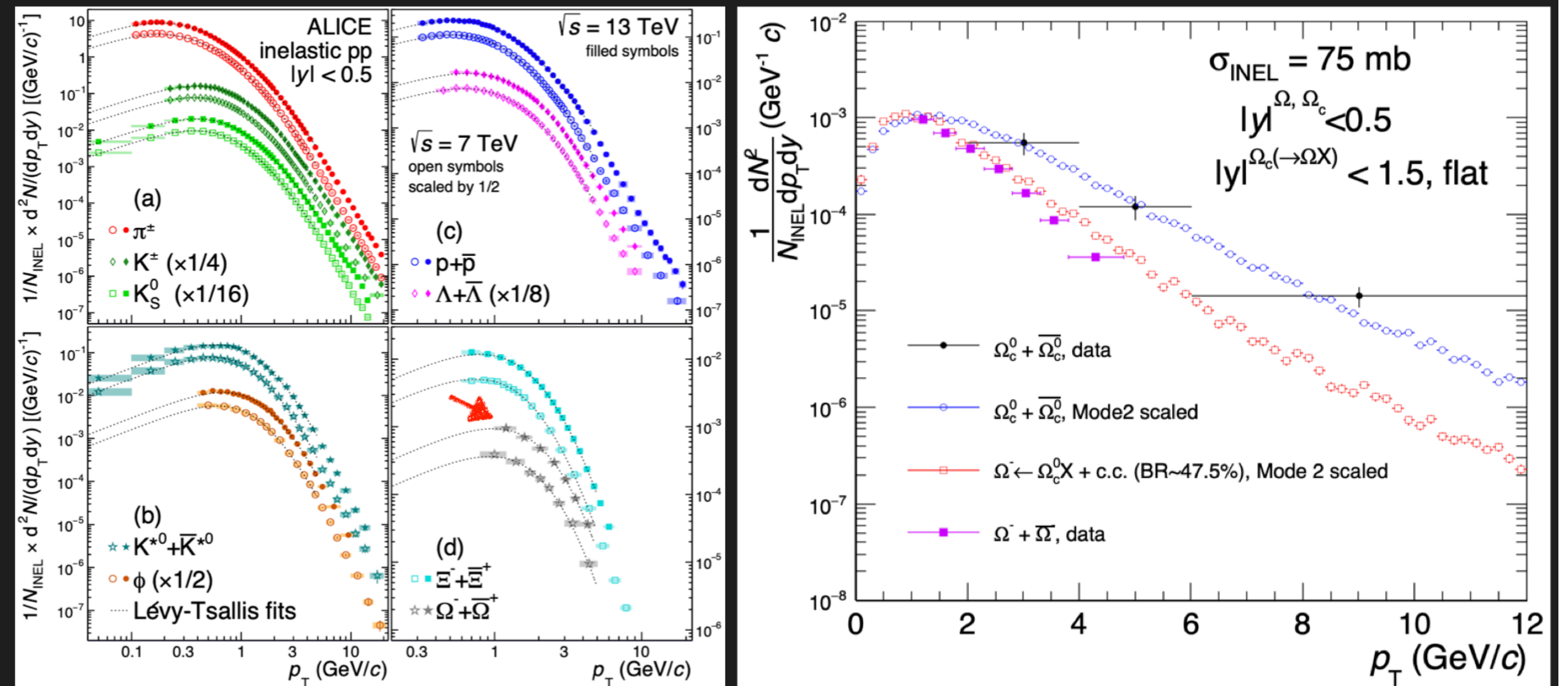
Something More ...

▶ CAVEATS:

- ▶ Ω^- measured in inelastic pp collisions
- ▶ $\sigma_{\text{INEL}} = 75 \text{ mb}$ measured by LHCb [JHEP 06 (2018) 100]
- ▶ $\text{BR}(\Omega_c^0 \rightarrow \Omega^- + X)$ taken from PYTHIA 8
- ▶ $|y|^{\Omega_c^0} < 1.5$ and $|y|^{\Omega^-} < 0.5$
- ▶ Assume flat distribution in $|y|^{\Omega_c^0} < 1.5$
- ▶ PYTHIA 8 Mode 2 scaled to Data
- ▶ Indicate most of Ω^- comes from Ω_c^0 decays

Thanks to Andrea Rossi for discussion !

[Eur. Phys. J. C 81 (2021) 256]



- (acc x eff) considering rapidity distribution

- **Acceptance correction**

- <https://indico.cern.ch/event/1024120/contributions/4310678/attachments/2222929/3764626/Acceptance-dNdy.pdf>

- **Error propagation**

- <https://indico.cern.ch/event/1024121/contributions/4324306/attachments/2227689/3774903/StatUncAccEff.pdf>

- **Lc case -> fine to use old acc x eff correction**

- https://indico.cern.ch/event/1024121/contributions/4322748/attachments/2227525/3773626/2021Apr16_AccTests.pdf

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