



Λ_c^+ production in ultra-peripheral Pb-Pb collisions with ALICE

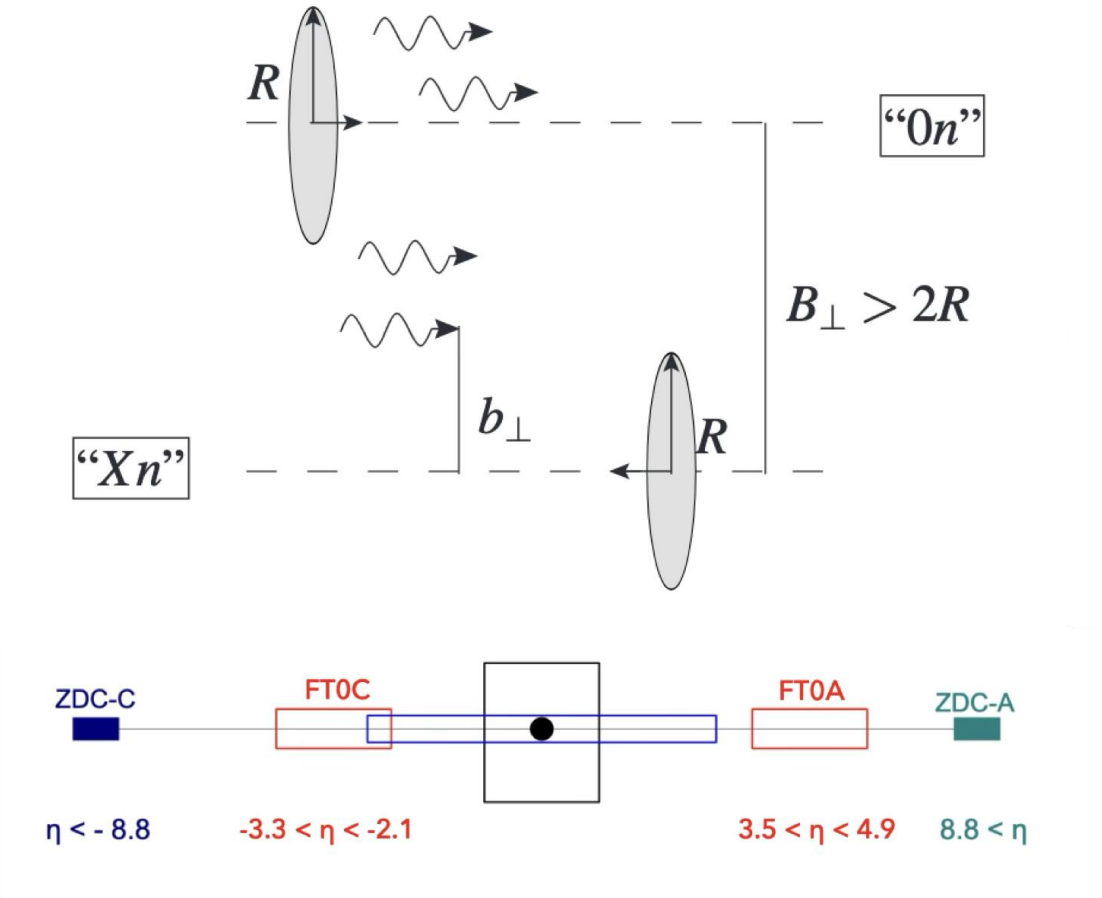
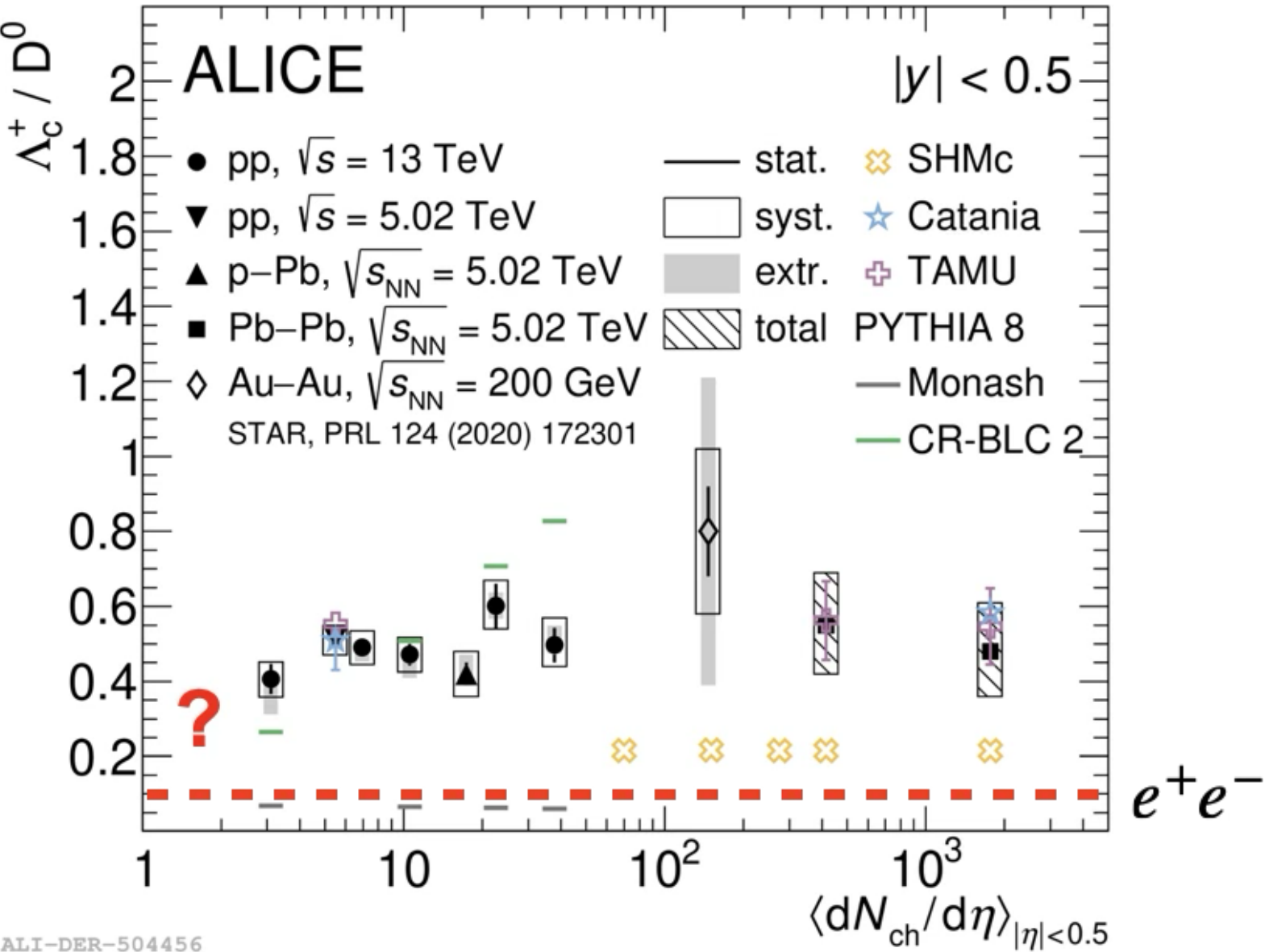
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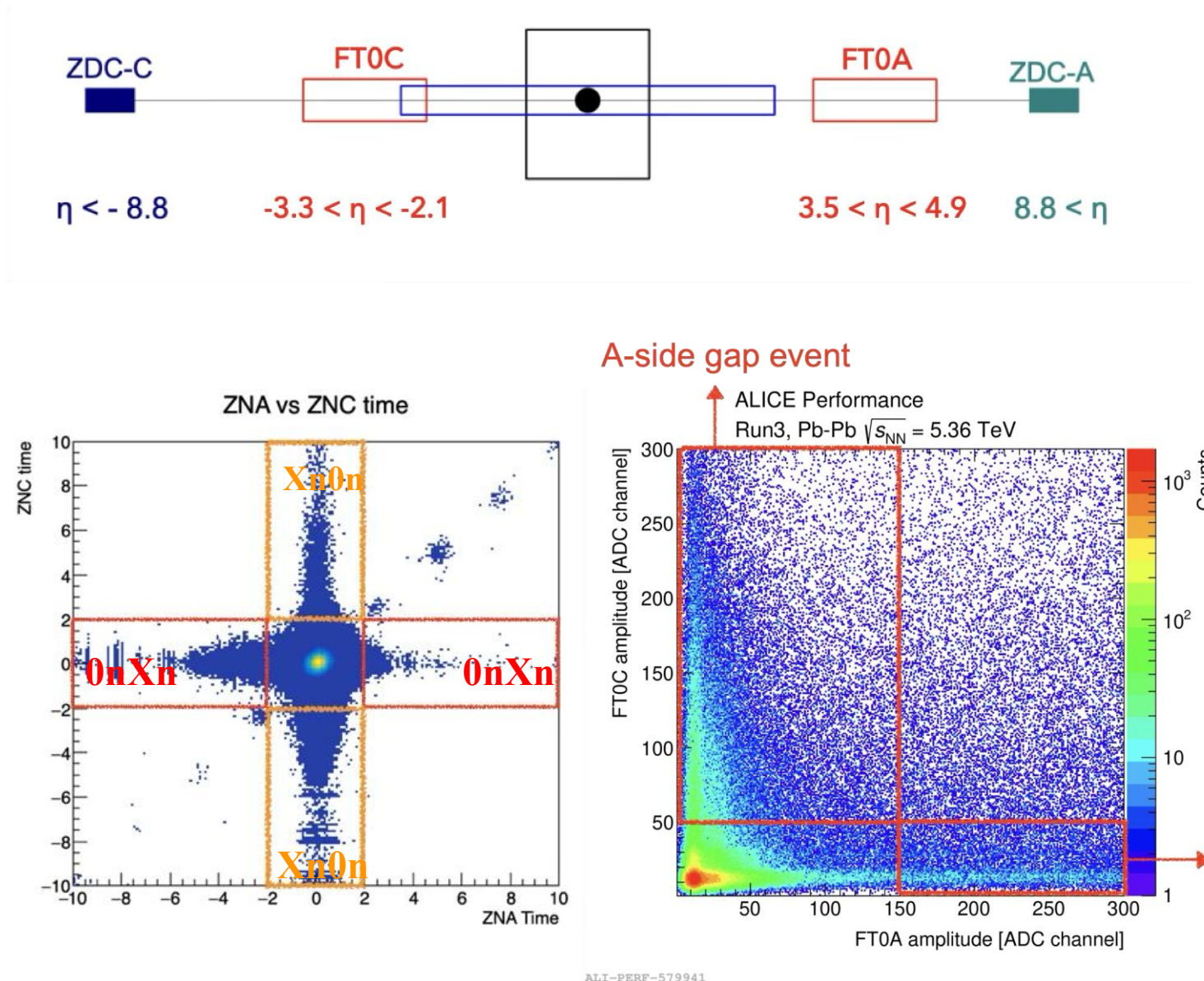
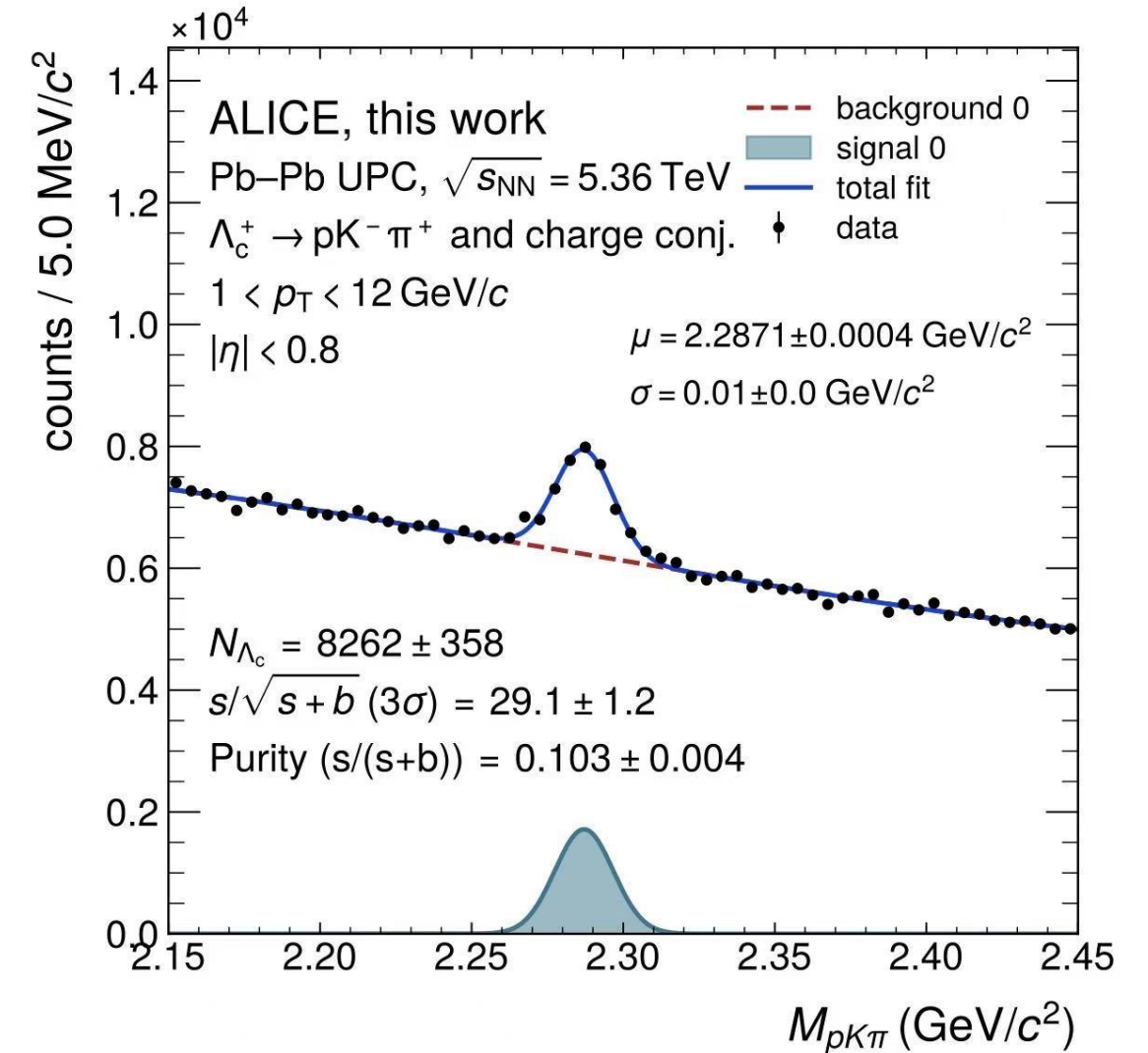
Why Λ_c^+ in UPC?

- Hadronic interactions are strongly suppressed
- A low-multiplicity, color-less environment for testing charm quark hadronisation



First Λ_c^+ signal in Pb–Pb ultra-peripheral collisions

ALICE Performance, Pb-Pb UPC, $\sqrt{s_{NN}} = 5.36$ TeV



$\Lambda_c^+ \rightarrow pK^- \pi^+ \mid 0nXn(Xn0n)+\text{single-gap selection}$

Visit the poster for the full analysis