

# ALICE Run-4 Simulation: Pb-Pb UPC at $\sqrt{s_{NN}} = 5.02$ TeV

**inc**  $\psi' \rightarrow J/\psi + \pi^+\pi^- \rightarrow e^+e^- + \pi^+\pi^-$

—+—  $\text{Acc} \times \varepsilon$  (total = 35.6%)

—+— acceptance

—+— efficiency

**selections:**

superclusterizer (5 GeV, 8 cm)

$E_{\text{supcl}} > 10$  GeV

$1.4 < m_{\text{supcl pair}} < 4.2$  GeV/ $c^2$

