

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

**coh  $J/\psi \rightarrow e^+e^-$**

—+—  $\text{Acc} \times \varepsilon$  (total = 19.6%)

—+— acceptance

—+— efficiency

**selections:**

superclusterizer (5 GeV, 5 cm)

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

$2.8 < m_{\text{supcl pair}} < 3.4$  GeV/ $c^2$

