ALICE Run-4 Simulation: Pb-Pb UPC at $\sqrt{s_{NN}}$ = 5.02 TeV inc $\psi^{\text{\tiny{I}}} \to \text{J/}\psi + \pi^{\text{\tiny{I}}}\pi^{\text{\tiny{I}}} \to \text{e}^{\text{\tiny{I}}}\text{e}^{\text{\tiny{I}}} + \pi^{\text{\tiny{I}}}\pi^{\text{\tiny{I}}}$ selections: superclusterizer (5 GeV, 5 cm) + acceptance + reconstruction eff $E_{\text{supcl}} > 10 \text{ GeV}$ $2.5 < m_{\rm supcl\ pair} < 3.5\ {\rm GeV}/c^2$ + signal eff + Acc× ε (total = 20.4%) $Acc \times \varepsilon = N_{sig} / N_{gen}$ 1.0 8.0 0.6 0.4 0.2 0.0^L 3.0 3.5 4.0 4.5 5.0 5.5 6.0 *y* [-]