

CMS Phase-2 Simulation

Tight Muon Efficiency

$Z/\gamma^* \rightarrow \mu\mu, p_T > 5 \text{ GeV}$

● Phase-2 $\langle \text{PU} \rangle = 0, \sqrt{s} = 14 \text{ TeV}$

+ Phase-2 $\langle \text{PU} \rangle = 140, \sqrt{s} = 14 \text{ TeV}$

■ Phase-2 $\langle \text{PU} \rangle = 200, \sqrt{s} = 14 \text{ TeV}$

▲ Phase-1 $\langle \text{PU} \rangle = 35, \sqrt{s} = 13 \text{ TeV}$

Muon $|\eta|$

