$\sqrt{s} = 13$ TeV ($0 < \langle \mu \rangle \leq 40$)

$\sqrt{s} = 14$ TeV ($190 \leq \langle \mu \rangle \leq 210$)

$(m_\phi, m_s) = (125, 40)$ GeV

Central Offline Jets, TileCal A Layer

ATLAS Simulation

$0 < \langle \mu \rangle \leq 20$

$20 < \langle \mu \rangle \leq 40$

$190 \leq \langle \mu \rangle \leq 210$