ATLAS Simulation

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

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

\( \langle m_\Phi, m_\Omega \rangle = (600, 50) \text{ GeV} \)

Central Offline Jets, TileCal A Layer

Fraction of Jet Energy

\( L_{xy} \text{ [mm]} \)