

Events / 0.1 GeV

×10³ CMS Simulation (LHE) 13 TeV

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$
 $m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$
 $m_{\gamma_D} = 8.5 \text{ GeV}, c\tau_{\gamma_D} = 0.1 \text{ mm}$

100
80
60
40
20
0

10⁻¹ 1 10
 $m_{\mu\mu} [\text{GeV}]$

