

CMS Simulation (LHE) 13 TeV

Fraction of events / 1 GeV

$pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2\gamma_D \rightarrow 2n_D + 4\mu$

$m_h = 125 \text{ GeV}, m_{n_1} = 10 \text{ GeV}, m_{n_D} = 1 \text{ GeV}$

$m_{\gamma_D} = 8.5 \text{ GeV}, c\tau_{\gamma_D} = 5 \text{ mm}$

0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

$\text{MET} = \sum_{n_D} \vec{p}_T [\text{GeV}]$

