CMS Simulation (LHE) 13 TeV 0.03 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2h_D + 2\gamma_D \rightarrow 2n_D + 4\mu$ rac $m_h = 125 \text{ GeV}, m_{n_s} = 30 \text{ GeV}, m_{n_p} = 1 \text{ GeV}$ m_{γ_D} = 10 GeV, $c\tau_{\gamma_D}$ = 0 mm 0.025 — 1st muon (leading p_T) --- 2nd muon --- 3rd muon Fraction of events / - · - 4th muon 0.005

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