

Relative efficiency

CMS Simulation

(13 TeV)

Signal ($m_{Z'} = 2.1 \text{ TeV}$,

$m_{\text{dark}} = 20 \text{ GeV}$, $\alpha_{\text{dark}} = \alpha_{\text{dark}}^{\text{peak}}$)

$p_T^{\text{miss}} > 250 \text{ GeV}$

$\Delta\phi(\vec{p}_T(j_{1,2,3,4}), \vec{p}_T^{\text{miss}}) > 0.5$

$N_{\text{b-jet}} = 0$

0

0.2

0.4

0.6

0.8

1

r_{inv}

