

Signal efficiencies, $M_T > 150$, $MET > 100$ GeV

calculated using the average of two signal samples, $M_{\text{stop}}, M_{\text{LSP}}$ 250, 0 and 350, 0

cuts applied	electrons	e barrel only	muons
MT150_met100_nj4_ele	100%	95.42%	100%
MT150_dpT_met100_nj4_ele	98.1%	93.88%	99.96%
MT150_eoverpin_dpT_met100_nj4_ele	97.47%	93.25%	99.96%
MT150_iso_dpT_met100_nj4_ele	92.87%	88.64%	95.84%
MT150_eoverpin_iso_dpT_met100_nj4_ele	92.24%	88.02%	95.84%

cut definitions:

$M_T > 150$ GeV

$MET > 100$ GeV

dpT: $|PFleppT - GSFlleppT| < 10$ GeV

iso < 5 GeV

eoverpin < 4 GeV (electrons only)

Signal efficiencies, $M_T > 120$, $MET > 250$ GeV

calculated using the average of two signal samples, $M_{\text{stop}}, M_{\text{LSP}}$ 250, 0 and 350, 0

cuts applied	electrons	e barrel only	muons
MT120_met250_nj4_ele	100%	96.09%	100%
MT120_dpT_met250_nj4_ele	95.49%	91.58%	100%
MT120_eoverpin_dpT_met250_nj4_ele	94.58%	90.67%	100%
MT120_iso_dpT_met250_nj4_ele	92.72%	89.66%	96.83%
MT120_eoverpin_iso_dpT_met250_nj4_ele	91.81%	88.75%	96.83%

cut definitions:

$M_T > 120$ GeV

$MET > 250$ GeV

dpT: $|PFleppT - GSFlleppT| < 10$ GeV

iso < 5 GeV

eoverpin < 4 GeV (electrons only)