

0 taus

1 tau

2 taus

Fit Region

CR1:

SR:

$DNN_{QCD} > 0.6$
 $p_T^{miss} < 160 \text{ GeV}$

$DNN_{QCD} > 0.6$
 $p_T^{miss} > 160 \text{ GeV}$

CR2:

CR3:

$DNN_{QCD} < 0.6$
 $p_T^{miss} < 160 \text{ GeV}$

$DNN_{QCD} < 0.6$
 $p_T^{miss} > 160 \text{ GeV}$

CR :

Loose tau ID

SR :

Tight tau ID

CR :

Loose tau ID

SR :

Medium tau ID

CR :

1 tight muon
Loose tau ID

SR :

1 tight muon
Tight tau ID

$t\bar{t}$ enhanced

CR :

1 tight muon
Loose tau ID

SR :

1 tight muon
Medium tau ID

tt enhanced

CR :

QCD Selection
Loose tau ID

SR :

QCD Selection
Tight tau ID

QCD enhanced

CR :

QCD Selection
Loose tau ID

SR :

QCD Selection
Medium tau ID

QCD enhanced

Determination Regions