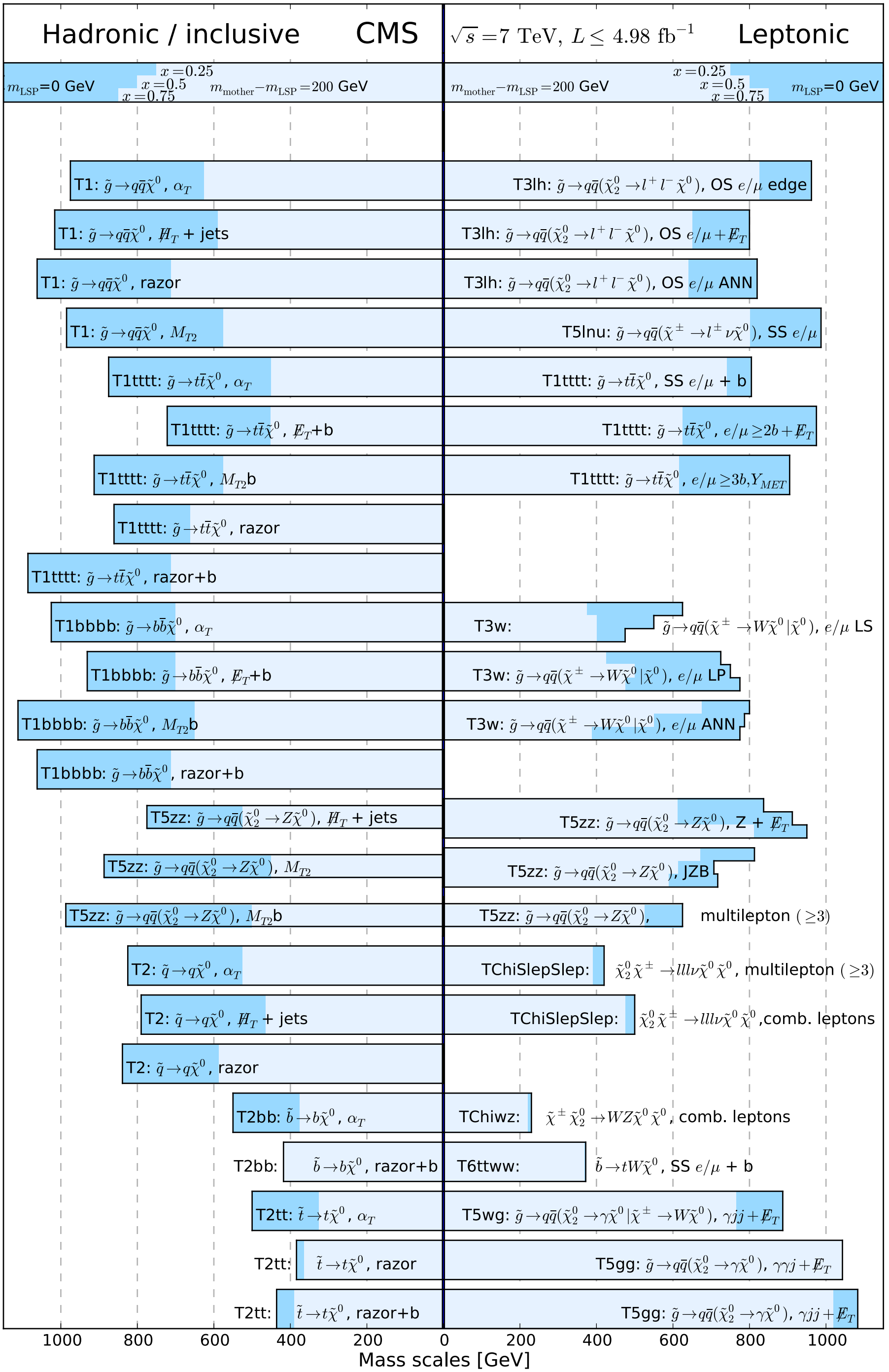
Hadronic / inclusive
CMS
$\sqrt{s}$ =7 TeV, $L \leq$ 4.98 fb^{-1}
Leptonic
$m_{\rm LSP}$=0 GeV
x =0.25
x =0.5
x =0.75
$m_{\rm mother}-m_{\rm LSP}$ =200 GeV
$m_{\rm mother}-m_{\rm LSP}$ =200 GeV
x =0.25
x =0.5
x =0.75
$m_{\rm LSP}$=0 GeV
T1: $\tilde{g}\to q\bar{q}\tilde{\chi}^0$, α_T
T1: $\tilde{g}\to q\bar{q}\tilde{\chi}^0$, $\not{H}_T$ + jets
T1: $\tilde{g}\to q\bar{q}\tilde{\chi}^0$, razor
T1: $\tilde{g}\to q\bar{q}\tilde{\chi}^0$, M_{T2}
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, α_T
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, $\not{E}_T$+b
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, M_{T2}b
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, razor
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, razor+b
T1bbbb: $\tilde{g}\to b\bar{b}\tilde{\chi}^0$, α_T
T1bbbb: $\tilde{g}\to b\bar{b}\tilde{\chi}^0$, $\not{E}_T$+b
T1bbbb: $\tilde{g}\to b\bar{b}\tilde{\chi}^0$, M_{T2}b
T1bbbb: $\tilde{g}\to b\bar{b}\tilde{\chi}^0$, razor+b
T5zz: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to Z\tilde{\chi}^0)$, $\not{H}_T$ + jets
T5zz: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to Z\tilde{\chi}^0)$, M_{T2}
T5zz: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to Z\tilde{\chi}^0)$, M_{T2}b
T2: $\tilde{q}\to q\tilde{\chi}^0$, α_T
T2: $\tilde{q}\to q\tilde{\chi}^0$, $\not{H}_T$ + jets
T2: $\tilde{q}\to q\tilde{\chi}^0$, razor
T2bb: $\tilde{b}\to b\tilde{\chi}^0$, α_T
T2bb: $\tilde{b}\to b\tilde{\chi}^0$, razor+b
T2tt: $\tilde{t}\to t\tilde{\chi}^0$, α_T
T2tt: $\tilde{t}\to t\tilde{\chi}^0$, razor
T2tt: $\tilde{t}\to t\tilde{\chi}^0$, razor+b
T3lh: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to l^+l^-\tilde{\chi}^0)$, OS e/μ edge
T3lh: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to l^+l^-\tilde{\chi}^0)$, OS $e/\mu+\not{E}_T$
T3lh: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to l^+l^-\tilde{\chi}^0)$, OS e/μ ANN
T5lnu: $\tilde{g}\to q\bar{q}(\tilde{\chi}^\pm\to l^\pm\nu\tilde{\chi}^0)$, SS e/μ
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, SS e/μ + b
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, $e/\mu\geq 2b+\not{E}_T$
T1tttt: $\tilde{g}\to t\bar{t}\tilde{\chi}^0$, $e/\mu\geq 3b, Y_{MET}$
T3w: $\tilde{g}\to q\bar{q}(\tilde{\chi}^\pm\to W\tilde{\chi}^0|\tilde{\chi}^0)$, e/μ LS
T3w: $\tilde{g}\to q\bar{q}(\tilde{\chi}^\pm\to W\tilde{\chi}^0|\tilde{\chi}^0)$, e/μ LP
T3w: $\tilde{g}\to q\bar{q}(\tilde{\chi}^\pm\to W\tilde{\chi}^0|\tilde{\chi}^0)$, e/μ ANN
T5zz: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to Z\tilde{\chi}^0)$, Z + $\not{E}_T$
T5zz: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to Z\tilde{\chi}^0)$, JZB
T5zz: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to Z\tilde{\chi}^0)$, multilepton ($\geq$3)
TChiSlepSlep: $\tilde{\chi}_2^0\tilde{\chi}^\pm\to lll\nu\tilde{\chi}^0\tilde{\chi}^0$, multilepton ($\geq$3)
TChiSlepSlep: $\tilde{\chi}_2^0\tilde{\chi}^\pm\to lll\nu\tilde{\chi}^0\tilde{\chi}^0$,comb. leptons
TChiwz: $\tilde{\chi}^\pm\tilde{\chi}_2^0\to WZ\tilde{\chi}^0\tilde{\chi}^0$, comb. leptons
T6ttww: $\tilde{b}\to tW\tilde{\chi}^0$, SS e/μ + b
T5wg: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to\gamma\tilde{\chi}^0|\tilde{\chi}^\pm\to W\tilde{\chi}^0)$, $\gamma jj+\not{E}_T$
T5gg: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to\gamma\tilde{\chi}^0)$, $\gamma\gamma j+\not{E}_T$
T5gg: $\tilde{g}\to q\bar{q}(\tilde{\chi}_2^0\to\gamma\tilde{\chi}^0)$, $\gamma jj+\not{E}_T$
1000
800
600
400
200
0
200
400
600
800
1000
Mass scales [GeV]