



- $\mu\mu \rightarrow t\bar{t}\mu\mu$ (emicut 5)
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5)
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$)
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5). HS2
- $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5). HS3
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5). HS5
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5). HS7
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5). HS9
- $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$ && emicut = 5). HS10
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ (emicut 5). HS9
- - - $\mu\mu \rightarrow t\bar{t}\mu\mu$ ($\eta_{\mu^+} < 0.5$). HS9