

| Channel | Jet p_T | Phase space | $t\bar{t}b\bar{b}$ | $t\bar{t}jj$ |
|-------------|-------------------|-------------|--|---|
| Dilepton | $>30 \text{ GeV}$ | VPS FPS | $ll + 4 \text{ jets (4 bjets)}$ $t\bar{t} \text{ and 2 bjets (not from } t\bar{t})$ | $ll + 4 \text{ jets (2 bjets)}$ $t\bar{t} \text{ and 2 jets (not from } t\bar{t})$ |
| Lepton+jets | $>20 \text{ GeV}$ | VPS FPS | $\ell + 6 \text{ jets (4 bjets)}$ $t\bar{t} \text{ and 2 bjets (not from } t\bar{t})$ | $\ell + 6 \text{ jets (2 bjets)}$ $t\bar{t} \text{ and 2 jets (not from } t\bar{t})$ |