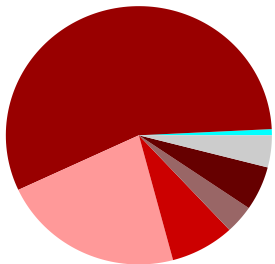


CMS Simulation Preliminary SL (6 jets, ≥ 3 b tags) Pre-fit expectation

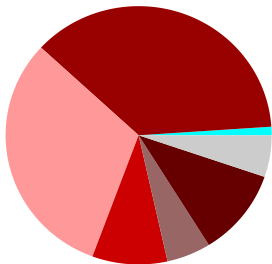
$t\bar{t}+lf$ node

S/B = 0.0077, S/\sqrt{B} = 0.71



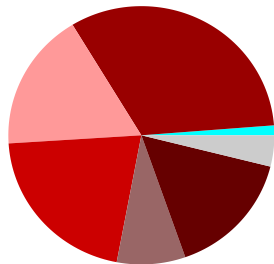
$t\bar{t}+c\bar{c}$ node

S/B = 0.0108, S/\sqrt{B} = 0.58



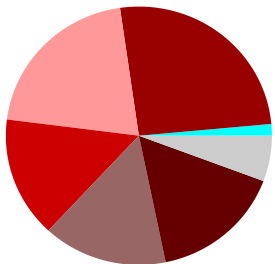
$t\bar{t}+b$ node

S/B = 0.0125, S/\sqrt{B} = 0.54



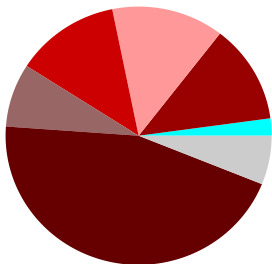
$t\bar{t}+2b$ node

S/B = 0.0148, S/\sqrt{B} = 0.79



$t\bar{t}+bb$ node

S/B = 0.0221, S/\sqrt{B} = 0.95



$t\bar{t}H$ node

S/B = 0.0589, S/\sqrt{B} = 2.86

