35.9 fb<sup>-1</sup> (13 TeV) CMS Preliminary ge4b\_ge2a 37.43 11.84 1.99  $\mu\mu \rightarrow Ewk$ eq3b qe2a 31.60 29.02 61.12 21.03 4.15 178.61 37.45 0.19 eq2b\_ge2a 31.96 17.88 17.84 24.31 22.04 15.40 8.65 3.37 2.21 14.18 6.66 1.8 eq1b\_ge2a 1.77 5.14 21.48 17.40 13.75 11.47 7.93 4.83 2.87 7.14 2.62 eq0b\_ge2a 20.60 13.13 8.79 6.47 3.19 2.27 1.95 8.90 6.87 12.11 4.78 ge4b\_ge6j 27.56 18.85 3.99 11.65 9.69 6.33 1.6 eq3b\_ge6j 103.54 55.32 15.41 13.52 10.02 7.20 1.70 eq2b\_ge6j 50.97 42.18 21.52 8.51 9.57 6.53 3.64 eq1b\_ge6j 31.99 49.96 17.82 9.02 10.85 6.48 3.40 1.4 eq0b qe6i 19.67 17.07 12.58 6.61 7.67 6.77 3.23 ge4b\_eq5j 20.61 24.39 21.52 5.88 19.09 eq3b\_eq5j 90.81 32.94 11.05 2.84 6.45 6.87 3.77 eq2b\_eq5j 64.02 64.00 29.13 14.03 3.93 6.30 3.90 1.99 eq1b\_eq5j 28.36 24.30 10.84 5.40 7.96 5.07 37.81 2.49 eq0b\_eq5j 4.81 26.02 21.92 14.25 9.25 5.48 6.37 2.75 5.57 ge4b\_eq4j 4.62 8.54 0.23 1.75 1.42 eq3b\_eq4j 117.96 34.48 2.68 49.34 11.06 6.89 2.63 1.42 8.0 eq2b eq4i 40.40 50.83 33.32 19.76 6.10 2.81 4.90 4.13 2.61 eq1b\_eq4j 69.14 39.28 24.32 13.06 6.47 3.36 5.85 4.57 3.35 eq0b\_eq4j 688.3023.41 19.60 16.32 10.85 6.59 3.96 6.59 4.69 3.06 0.6 eq3b\_eq3j 1.18 1.57 32.56 29.86 24.64 15.54 5.48 1.39 3.49 196.63 eq2b\_eq3j 46.94 31.16 28.85 15.19 5.76 2.26 2.02 1.92 3.72 2.40 eq1b\_eq3j 14.63 41.69 30.72 22.62 6.44 3.32 2.26 5.41 5.24 2.56 13.89 0.4eq0b\_eq3j 37.88 25.09 20.60 17.05 11.79 6.85 4.15 2.63 5.99 4.80 3.03 eq2b\_eq2j 19.82 11.54 17.86 10.31 5.96 3.23 1.15 1.69 2.79 2.74 2.25 eq1b\_eq2j 29.53 24.64 14.25 11.24 6.26 3.44 2.65 1.62 6.41 5.77 2.47 0.2 eq0b\_eq2j 1.78 24.84 20.60 15.61 11.46 6.52 4.01 2.73 6.47 4.53 3.67 eq1b\_eq1j 14.86 14.55 12.71 11.24 12.22 10.77 9.90 11.05 9.29 22.99 7.22 eq0b\_eq1j 21.62 18.42 15.50 13.52 12,33 10.80 10.81 10.76 13.25 12.70 8.40

800

1000

600

200

400

HT

1200