35.9 fb<sup>-1</sup> (13 TeV) CMS Preliminary ge4b\_ge2a 38.51 12.12 2.01  $\mu\mu \rightarrow Ewk$ eq3b qe2a 31.41 29.08 61.29 21.33 4.25 179.06 37.92 0.20 eq2b\_ge2a 32.04 17.63 17.96 24.43 22.25 15.67 8.86 3.48 2.29 14.22 6.68 1.8 eq1b\_ge2a 1.83 5.15 21.18 17.67 13.99 11.69 8.12 4.97 2.97 7.16 2.63 eq0b\_ge2a 20.34 13.45 9.02 6.65 3.30 2.35 2.02 8.92 6.89 12.15 4.93 ge4b\_ge6j 26.92 19.50 4.12 11.68 9.71 6.35 1.6 eq3b\_ge6j 104.53 56.08 15.74 14.00 10.05 7.22 1.71 eq2b\_ge6j 51.23 42.79 22.05 8.79 9.60 6.55 3.65 eq1b\_ge6j 32.24 50.72 18.27 9.33 10.89 6.50 3.41 1.4 eq0b qe6i 19.96 17.41 12.93 6.84 7.70 6.79 3.24 ge4b\_eq5j 20.81 25.09 22.30 6.09 19.14 eq3b\_eq5j 91.97 33.58 11.40 2.94 6.47 6.89 3.78 eq2b\_eq5j 64.03 64.78 29.75 14.45 4.07 6.32 3.91 1.99 eq1b\_eq5j 28.44 38.35 24.84 11.17 5.59 7.99 5.08 2.50 eq0b\_eq5j 4.83 26.31 22,28 14.59 9.54 5.68 6.39 5.59 2.76 qe4b\_eq4j 4.70 8.73 0.23 1.75 1.42 eq3b\_eq4j 119.08 2.78 2.64 50.21 35.25 11.42 6.91 1.42 8.0 eq2b eq4i 40.43 51.39 33.92 20.30 6.30 2.91 4.91 4.14 2.62 eq1b\_eq4j 69.43 39.82 24.81 13.43 6.69 3.48 5.87 4.59 3.36 eq0b\_eq4j 686.0823.64 19.88 16.66 11.16 6.81 4.10 6.61 4.70 3.07 0.6 eq3b\_eq3j 1.22 1.57 32.82 29.99 25.13 15.97 5.67 1.44 3.50 197.16 eq2b\_eq3j 46.96 31.46 29.37 15.57 5.95 2.34 2.09 1.93 3.73 2.40 eq1b\_eq3j 14.45 42.06 31.26 23.15 14.27 6.64 3.44 2.34 5.42 5.25 2.57 0.4eq0b\_eq3j 37.77 25.33 20.97 17.44 12.10 7.06 4.29 2.72 6.01 4.81 3.03 eq2b\_eq2j 19.62 11.81 18.40 10.62 6.16 3.33 1.19 1.75 2.80 2.75 2.26 eq1b\_eq2j 1.67 29.24 25.16 14.67 11.58 6.46 3.55 2.74 6.43 5.79 2.47 0.2 eq0b\_eq2j 1.85 24.63 21.02 16.05 11.80 6.72 4.14 2.83 6.49 4.55 3.68 eq1b\_eq1j 14.72 15.14 13.16 11.64 12.66 11.16 10.26 11.44 9.32 23.06 7.24 eq0b\_eq1j 21.41,19.17,16.05,14.00 12,77 11.19 11.20 11.14 13.30 12.74 8.42

800

1000

600

200

400

HT

1200