

## ZLveto SR

Cut	Signal	Other bkg.	Rare Top bkg. (RT)	Diboson bkg. (DB)
Preselection	39.7	3.27e+03	2.28e+04	3.45e+04
Number of jets	28.3	1.48e+03	2.2e+04	1.25e+04
Three loose leptons	24.7	1.47e+03	3.28e+03	1.16e+04
Triggers	24.7	1.47e+03	3.27e+03	1.16e+04
Trigger matching	24.7	1.47e+03	3.21e+03	1.16e+04
Bad muon veto	24.7	1.47e+03	3.21e+03	1.16e+04
Three tight leptons	20.9	234	2.41e+03	8.77e+03
Analysis channel	20.9	234	1.7e+03	8.77e+03
Charge	20.3	232	1.69e+03	8.75e+03
Third lepton $p_T$	19.7	134	1.57e+03	8.08e+03
$E_T^{\text{miss}}$ significance	14.9	18.2	656	2.3e+03
Number of Z bosons (leptonic)	9.32	12	192	195
$H_T + E_T^{\text{miss}}$	9.28	3.84	108	89.4
$m_{III}$	9.09	1.84	50.9	38.5
$m_{jj}$	6.38	1.27	31.9	27.2
Di-lepton $H_T$ , SS lead. pair	5.53	0.482	9.24	11