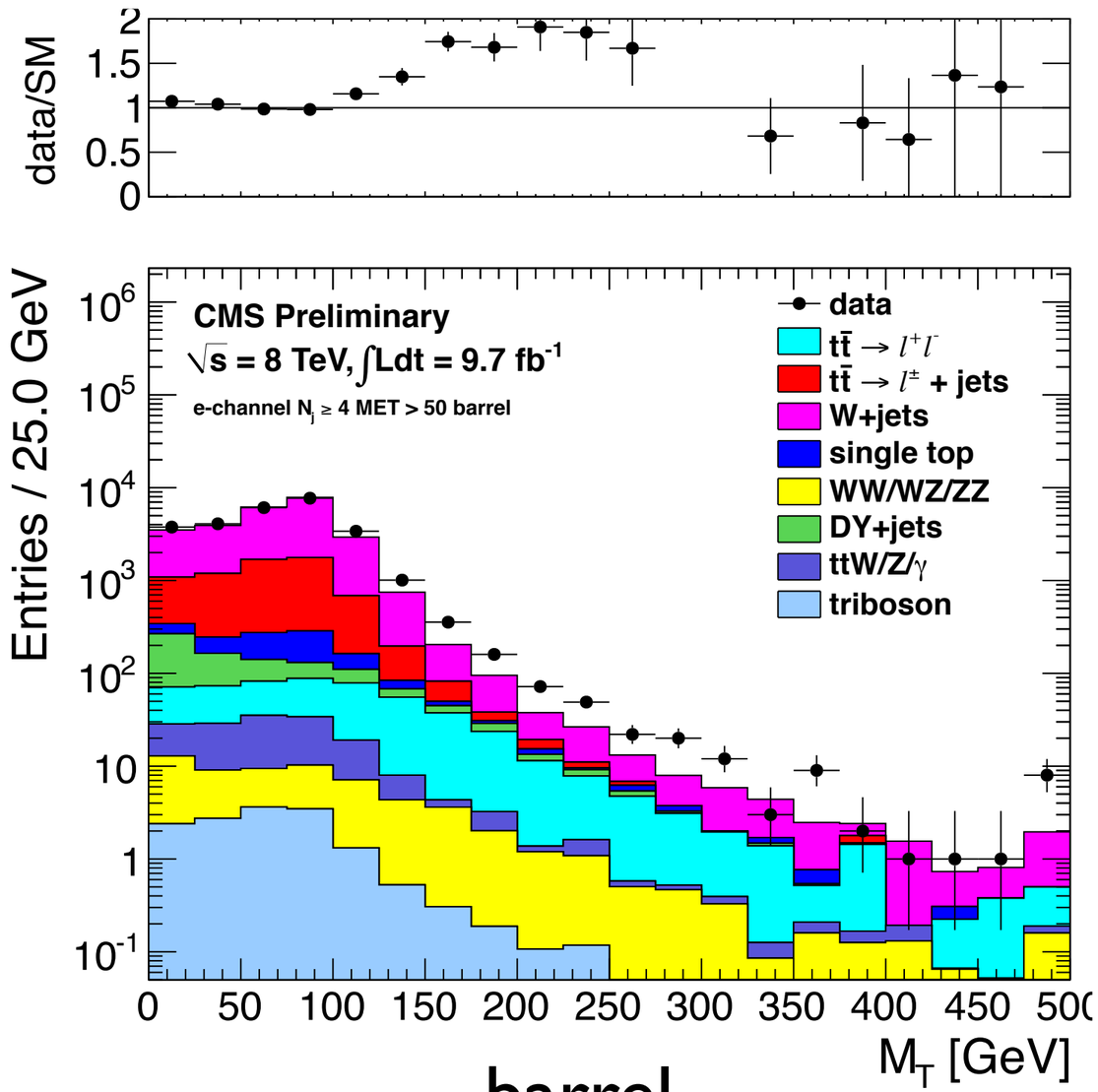
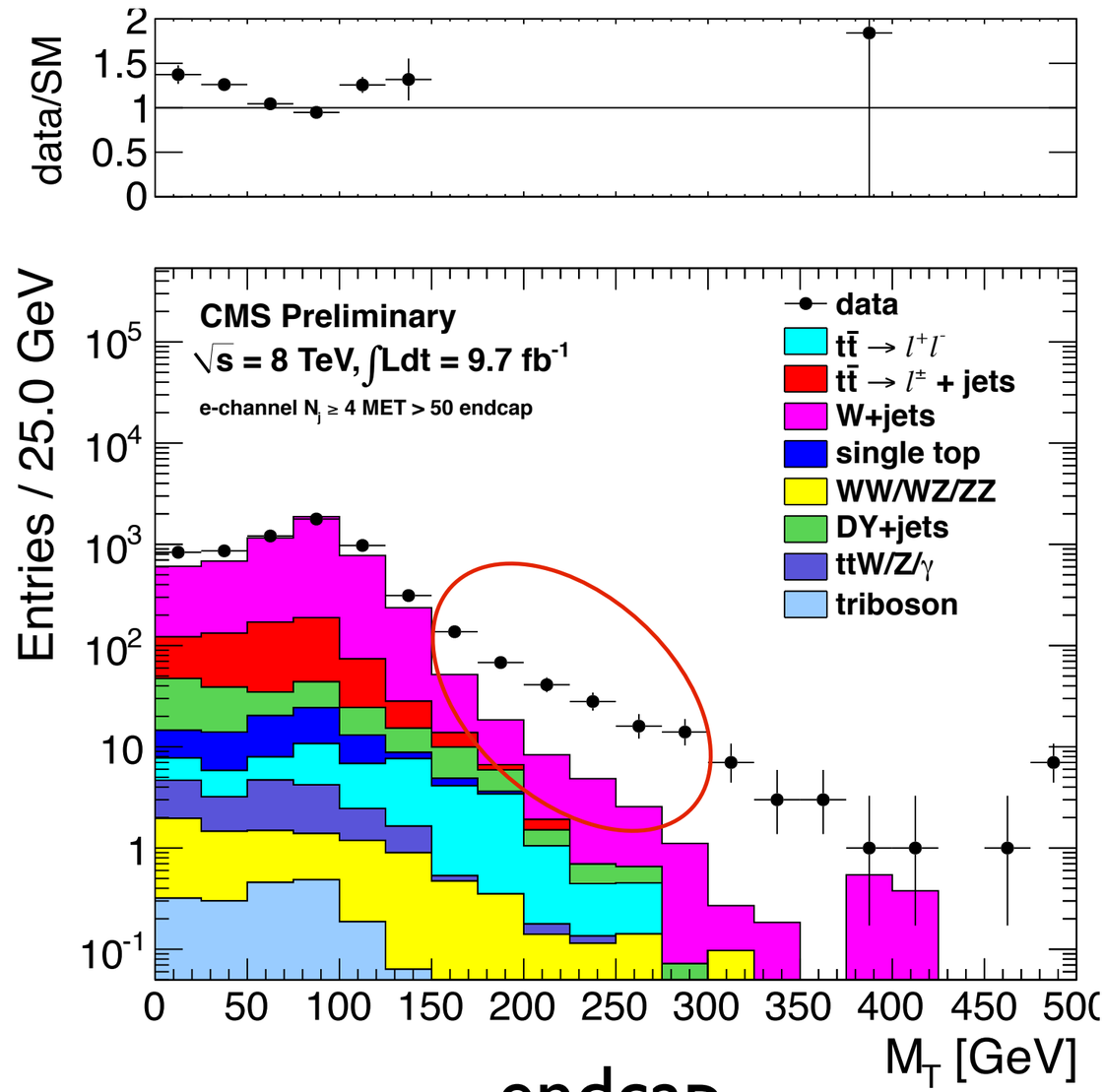
M_T for CR1 electrons



barrel



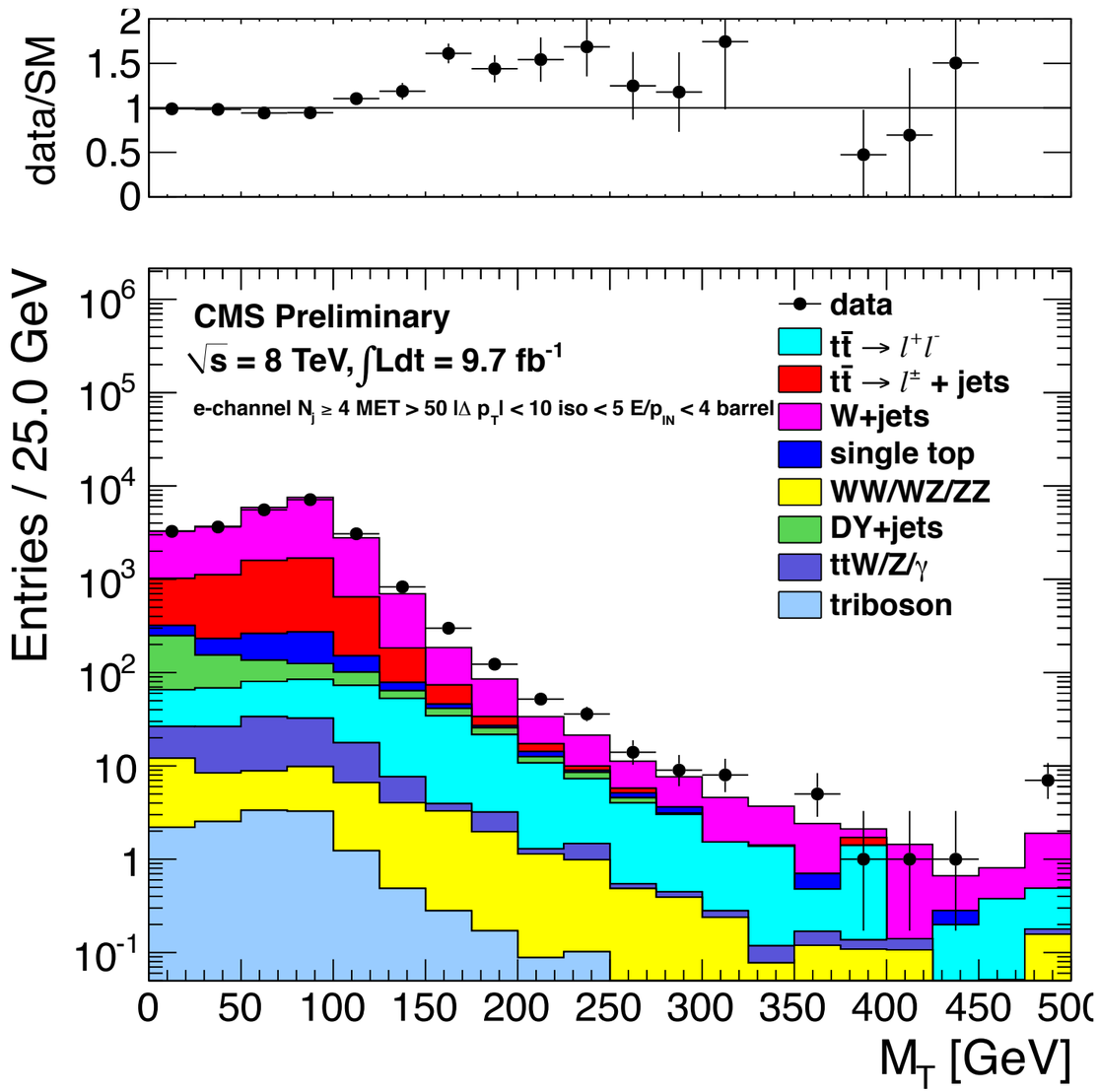
endcap

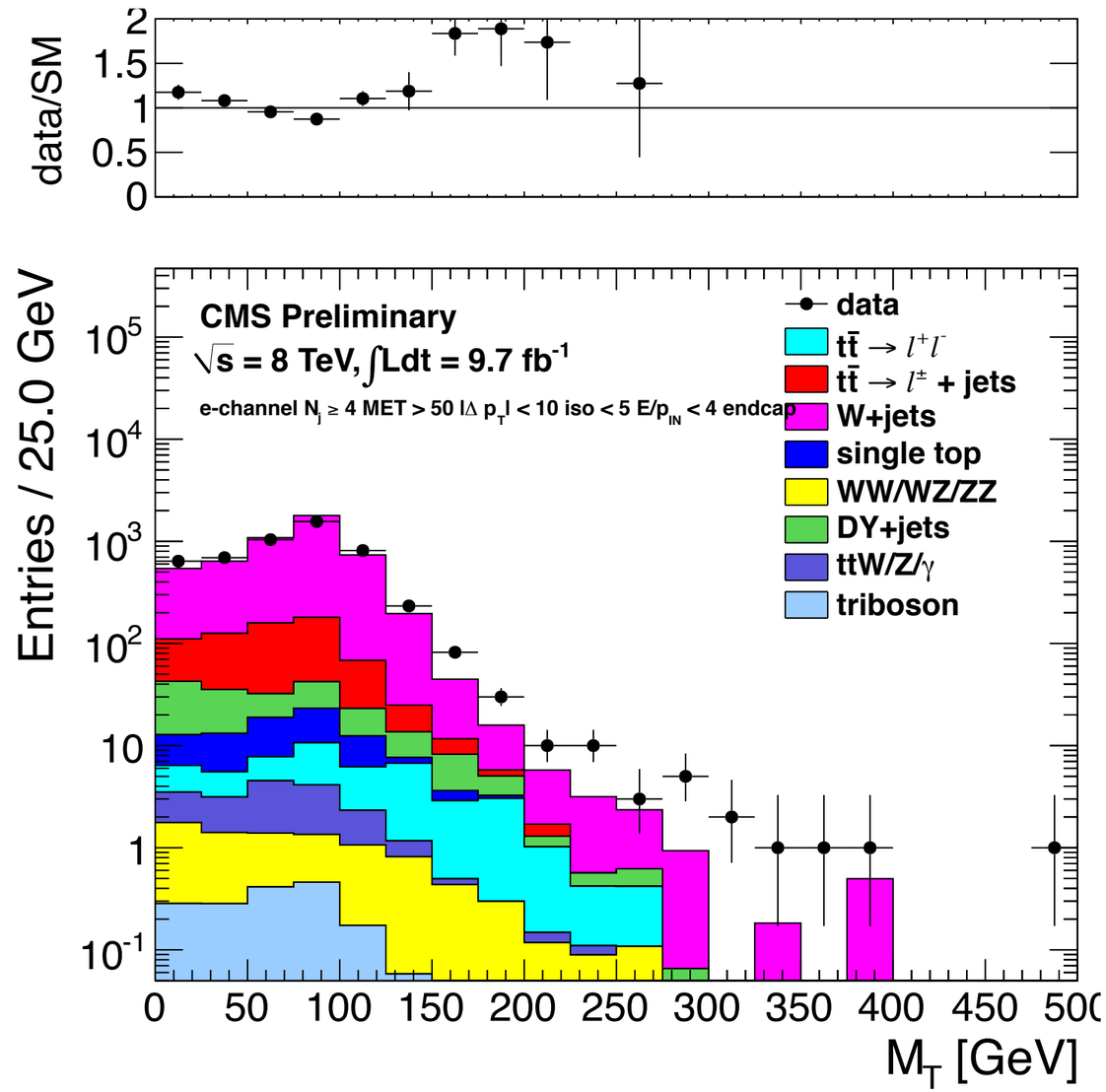
Note these plots are before the "cleaning" cuts of

$|p_T^{PFlep} - p_T^{RECOlep}| < 10$ GeV, absolute iso < 5 GeV, and $E/p_{IN} < 4$ GeV

These cuts reduce the effect (next slide), but the tail is still larger in the endcap.

add cuts: $|p_T^{PFlep} - p_T^{RECOlep}| < 10$ GeV, absolute iso < 5 GeV, and $E/p_{IN} < 4$ GeV





Tables compare efficiencies of various M_T cuts in data and MC. Data tail still larger in endcap.

	#evts	Eff M_T>120	Eff M_T>150	Eff M_T>200
data	24028	0.0725	0.0231	0.00558
MC	24273	0.0536	0.0149	0.00377
ratio	0.99	1.35	1.55	1.48

	#evts	Eff M_T>120	Eff M_T>150	Eff M_T>200
data	5125	0.0937	0.0285	0.00663
MC	5066.2	0.0737	0.0145	0.00255
ratio	1.01	1.27	1.96	2.6