

Number of events for 100/pb with CSA07 (LMI, QCD)

Precuts: 1st jet > 200, 2nd jet > 150, 3rd jet > 50, jet&event cleaning,
direct lepton veto, bug fix

MET >	LMI (Signal Region)	QCD (Signal Region)	S / B (Signal Region)	LMI (Bkg Region)	QCD (Bkg Region)	S / B (Bkg Region)
100	675	304	2.2	3	2539	0.001
120	670	138	4.8	7	2704	0.003
140	663	77	8.6	15	2765	0.005
160	653	46	14.3	25	2797	0.009
180	638	33	19.5	40	2810	0.014
Cuts: HT>600 && $ \eta <1.5$ && minDphi>0.7 && π -dPhiHemi>0.2						

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$ \eta $ <	LMI (Signal Region)	QCD (Signal Region)	S / B (Signal Region)	LMI (Bkg Region)	QCD (Bkg Region)	S / B (Bkg Region)
2.0	752	180	4.2	35	53	0.7
1.7	713	168	4.2	74	65	1.1
1.5	670	139	4.8	117	94	1.2
1.3	615	122	5.0	172	111	1.5
1.0	507	90	5.7	280	143	2.0

Cuts: MET > 120 && HT > 600 && minDphi > 0.7 && π -dPhiHemi > 0.2

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π - dPhiHemi >	LMI (Signal Region)	QCD (Signal Region)	S / B (Signal Region)	LMI (Bkg Region)	QCD (Bkg Region)	S / B (Bkg Region)
0.10	689	287	2.4	8	209	0.04
0.15	679	188	3.6	17	308	0.06
0.20	670	139	4.8	26	358	0.07
0.25	651	95	6.9	45	402	0.11
0.30	636	80	8.0	60	417	0.14
Cuts: MET>120 && HT>600 && $ \eta < 1.5$ && minDphi>0.7						

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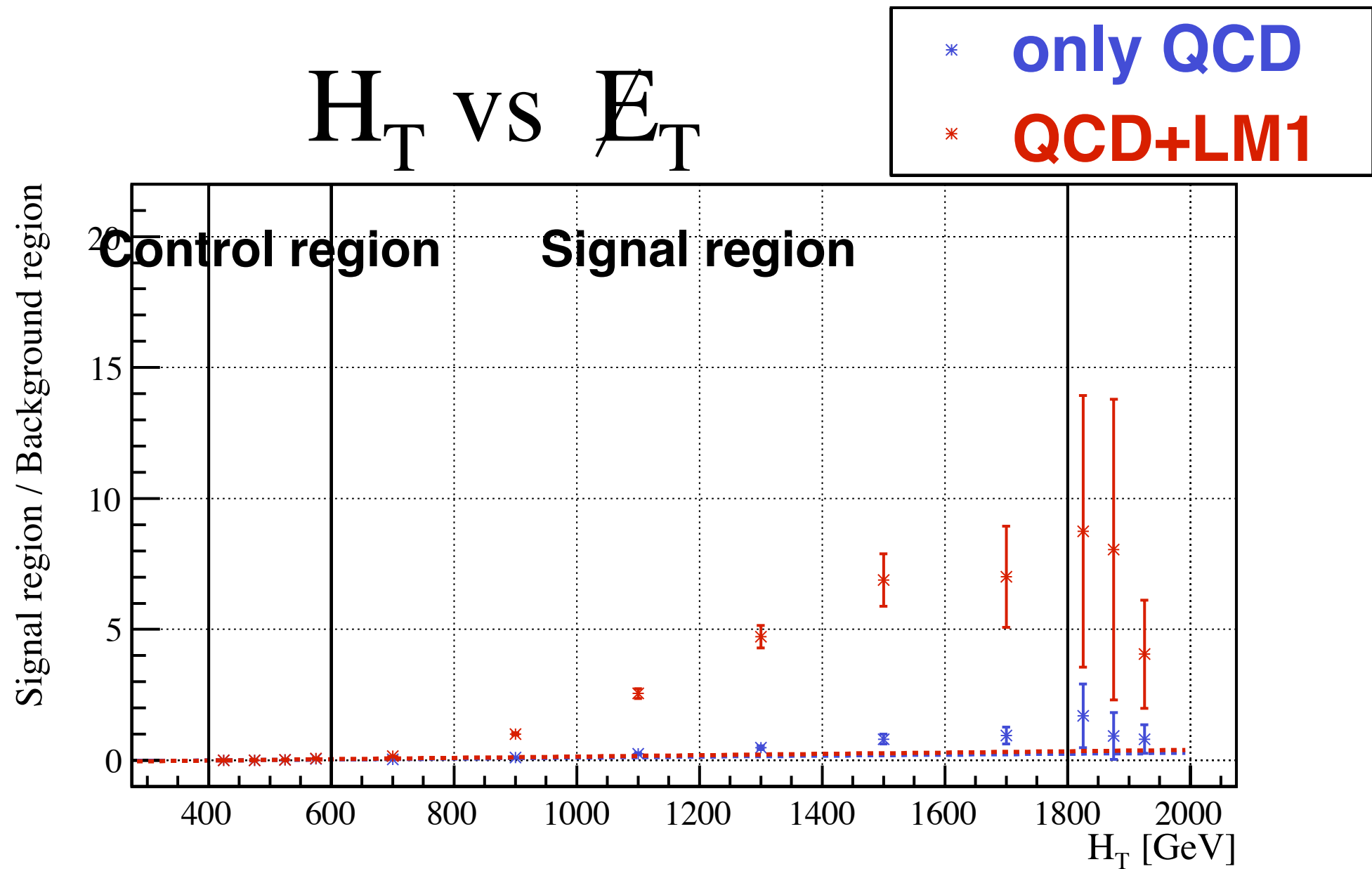
HT >	LMI (Signal Region)	QCD (Signal Region)	S / B (Signal Region)	LMI (Bkg Region)	QCD (Bkg Region)	S / B (Bkg Region)
500	740	288	2.6	20	99	0.2
600	670	139	4.8	90	249	0.4
700	547	79	6.9	214	308	0.7
800	395	45	8.8	365	342	1.1
900	257	32	8.1	504	356	1.4
Cuts: MET>120 && $ \eta <1.5$ && minDphi>0.7 && π -dPhiHemi>0.2						

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minDphi >	LMI (Signal Region)	QCD (Signal Region)	S / B (Signal Region)	LMI (Bkg Region)	QCD (Bkg Region)	S / B (Bkg Region)
0.3	806	522	1.5	81	1095	0.07
0.5	744	254	2.9	143	1363	0.11
0.7	670	139	4.8	216	1478	0.15
0.9	588	78	7.6	299	1539	0.19
1.1	495	25	20.0	392	1592	0.25

Cuts: MET > 120 && HT > 600 && $|\eta| < 1.5$ && π -dPhiHemi > 0.2

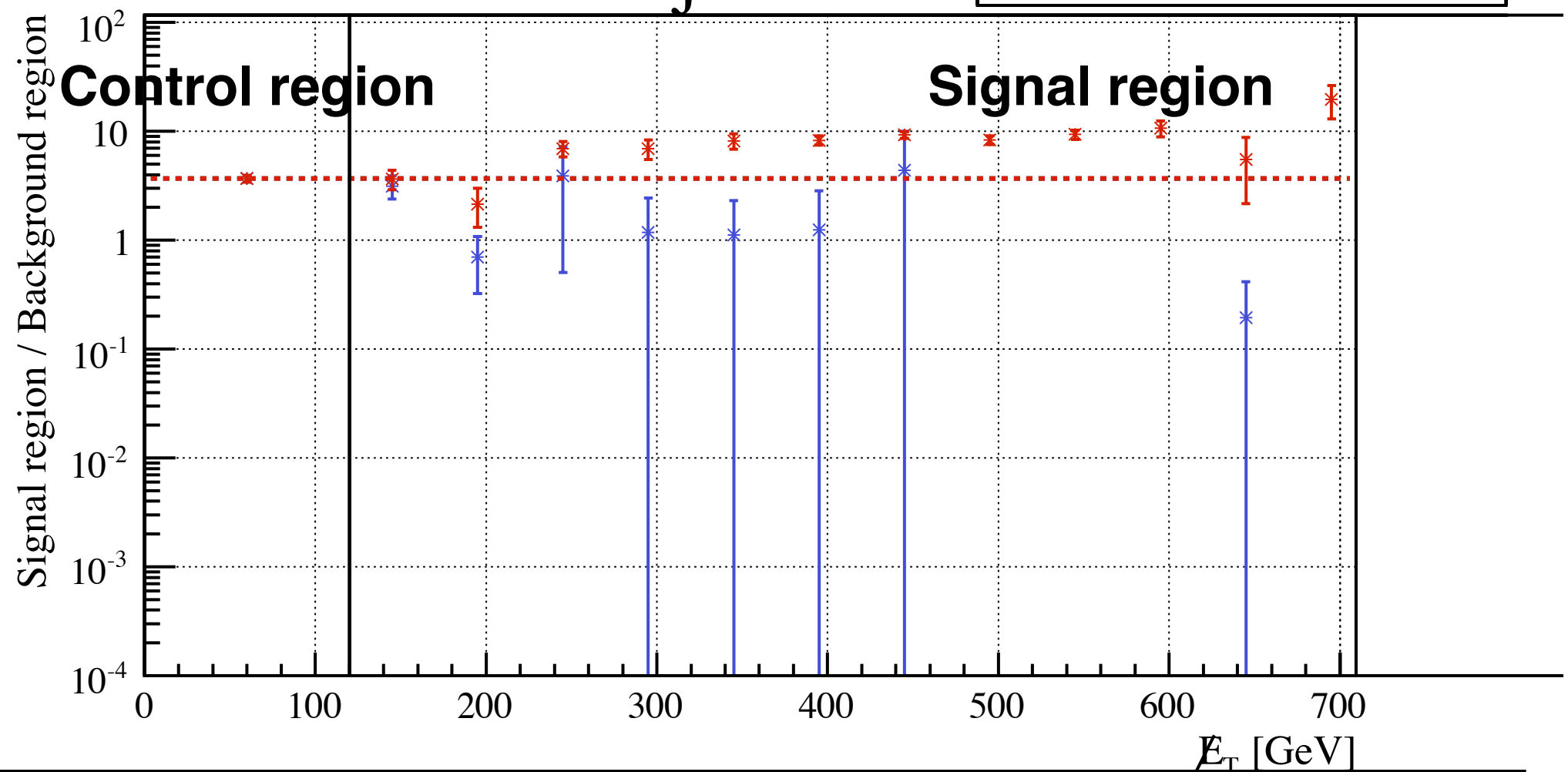


	true Signal	estimate	true S/B	measured S/B
QCD	138	138	0	0
QCD+LMI	138	186	4.8	3.3

E_T vs m_{jet0}

* **only QCD**

* **QCD+LM1**



	true Signal	estimate	true S/B	measured S/B
QCD	138	238	0	-0.4
QCD+LMI	138	510	4.8	0.6