Applied Cut	Background	Signal
No Cuts	10 000	10 000
Trigger: $|\eta|<2.4$	8105	9744
$p_T \geq 0.2$ GeV	1342	8788
$p_T \geq 0.25$ GeV	754	8115
$p_T \geq 0.3$ GeV	435	7271
$p_T \geq 0.35$ GeV	277	6197
$p_T \geq 0.4$ GeV	175	4897
$p_T \geq 0.45$ GeV	100	3191