Signal Model (5 TeV)	Daughter Masses (GeV)	Method	Exp. (Obs.) Limit (fb)	Improvement wrt Inclusive
$Q* \to qW'$	25	QUAK	3.5 (3.1)	0.7
$Q* \to qW'$	80	QUAK	3.2 (2.8)	0.8
$Q* \to qW'$	170	QUAK	3.3 (3.6)	0.8
$Q* \to qW'$	400	QUAK	3.9 (9.9)	0.7
$X \to YY' \to 4q$	25/25	QUAK	1.7 (1.6)	0.5
$X \to YY' \to 4q$	25/80	QUAK	1.3 (1.3)	0.7
$X \to YY' \to 4q$	25/170	QUAK	1.1 (1.1)	0.8
$X \to YY' \to 4q$	25/400	VAE-QR	1.0 (3.4)	0.9
$X \to YY' \to 4q$	80/80	TNT	1.1 (1.2)	0.8
$X \to YY' \to 4q$	80/170	QUAK	0.9 (1.0)	0.9
$X \to YY' \to 4q$	80/400	VAE-QR	0.9 (3.0)	0.9
$X \to YY' \to 4q$	170/170	CATHODE	0.7 (0.7)	1.2
$X \to YY' \to 4q$	170/400	VAE-QR	0.7 (2.3)	1.2
$X \to YY' \to 4q$	400/400	VAE-QR	0.4 (1.1)	2.3
$W' \to B't \to bZt$	25	TNT	4.4 (6.2)	1.3
$W' \to B't \to bZt$	80	TNT	3.9 (5.7)	1.4
$W' \to B't \to bZt$	170	TNT	2.8 (3.5)	1.6
$W' \to B't \to bZt$	400	TNT	2.7 (3.8)	1.6
$W_{KK} \to RW \to 3W$	170	TNT	6.1 (7.2)	0.8
$W_{KK} \to RW \to 3W$	400	VAE-QR	5.4 (18.6)	0.9
$Y \to HH \to 4t$	400	TNT	1.5 (2.3)	2.5