

Model	Ionization method		Mass method	
	Exp. (TeV)	Obs. (TeV)	Exp. (TeV)	Obs. (TeV)
\tilde{g}	2.06 ± 0.06	2.06	2.08 ± 0.02	2.08
\tilde{t}	1.43 ± 0.05	1.40	1.47 ± 0.02	1.47
GMSB SPS7 $\tilde{\tau}$	0.86 ± 0.07	0.85	0.87 ± 0.05	0.85
pair-prod. $\tilde{\tau}_R$	0.53 ± 0.03	0.52	0.50 ± 0.07	0.51
pair-prod. $\tilde{\tau}_L$	0.66 ± 0.04	0.64	0.67 ± 0.06	0.61
pair-prod. $\tilde{\tau}_{L/R}$	0.71 ± 0.04	0.69	0.75 ± 0.08	0.64
τ' ($Q = 1e$) from DY prod.	1.05 ± 0.05	1.02	1.14 ± 0.03	1.14
τ' ($Q = 2e$) from DY prod.	1.35 ± 0.05	1.32	1.41 ± 0.02	1.41
$Z'_\psi \rightarrow \tau'\tau'$	3.99 ± 0.21	3.95	4.03 ± 0.01	4.03
$Z'_{\text{SSM}} \rightarrow \tau'\tau'$	4.53 ± 0.23	4.38	4.56 ± 0.01	4.57