Weekly update

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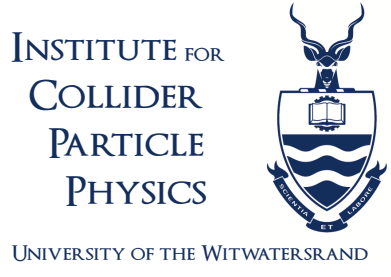
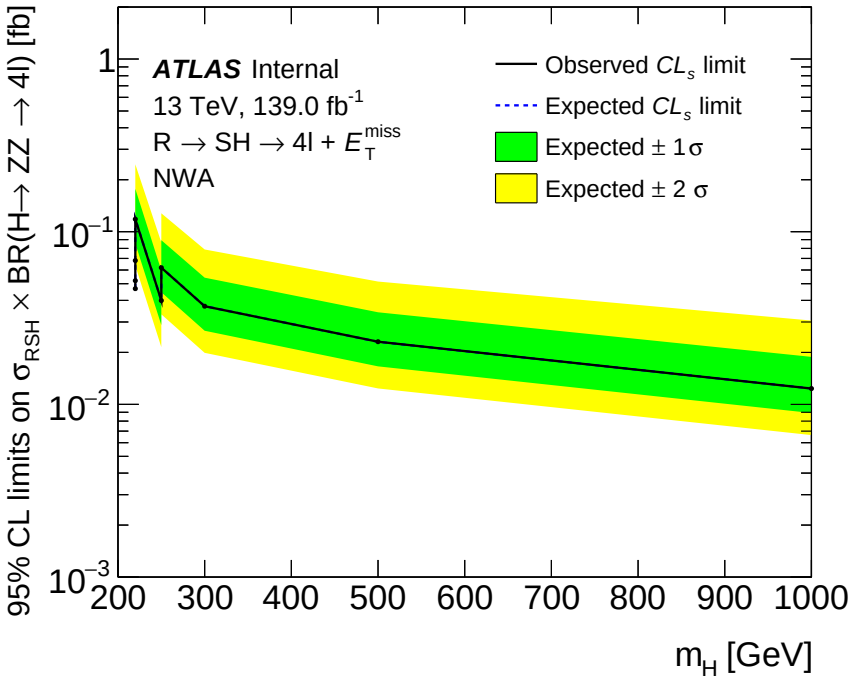


Upper limits on the xs times the branching ratio

mass point = m_R, m_H [GeV]	-2σ	-1σ	Median	$+1\sigma$	$+2\sigma$
390, 220	0.064	0.085	0.119	0.177	0.246
450, 220	0.037	0.049	0.068	0.103	0.144
450, 250	0.033	0.045	0.062	0.089	0.128
800, 220	0.028	0.038	0.052	0.079	0.112
800, 300	0.020	0.027	0.037	0.054	0.079
800, 500	0.012	0.017	0.023	0.034	0.051
1500, 220	0.025	0.034	0.047	0.071	0.101
1500, 250	0.021	0.029	0.040	0.060	0.087
1500, 1000	0.007	0.009	0.012	0.019	0.031



Summary

- We've shown a preliminary upper limits results RSH.
- The CB+Gaussian function is used to model the signal.
- Analytical function is used to describe the *qqZZ* and *ggZZ*.
- The other background is included as histograms into the fit.
- More work needed to include the new background model.
- Where we created a template for backgrounds have the same shape.
- These templates are then fitted to an analytical function.
- Also, the signal model fit should be improved for some high Met signal points.

Thank you!