Binned unbinned limit comparison
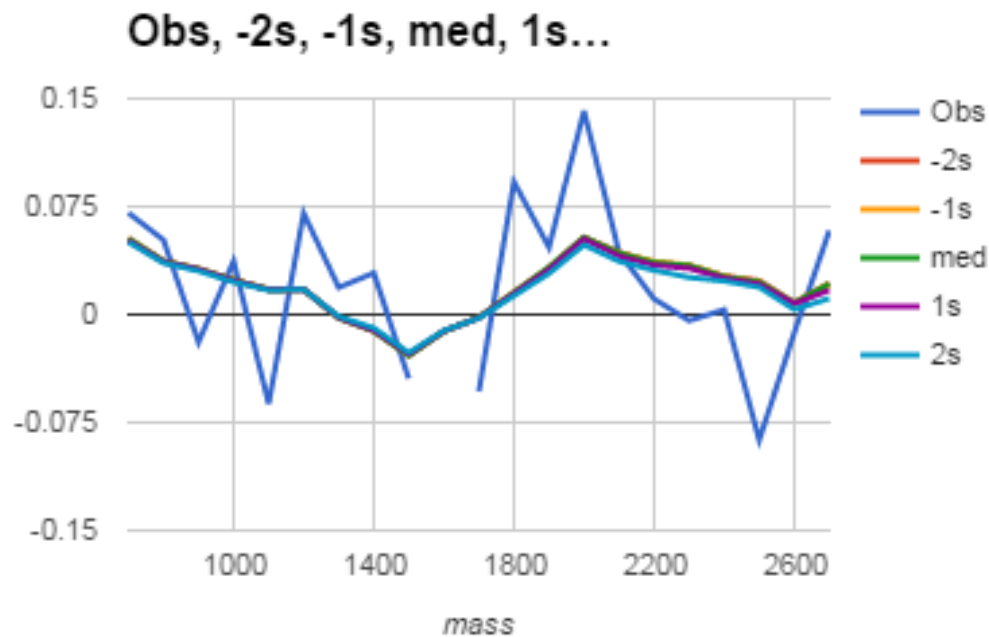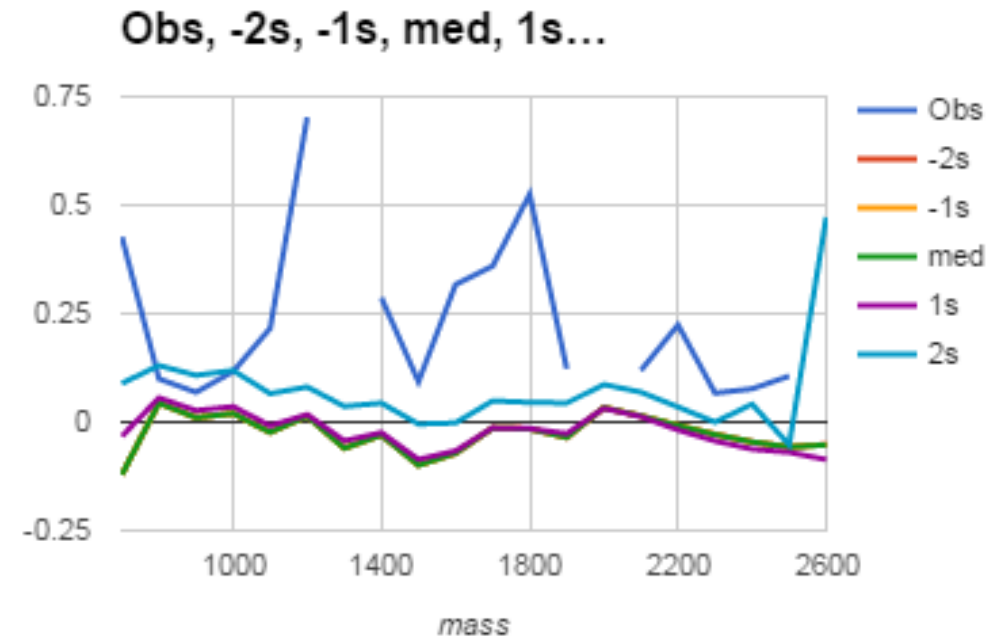
Relative differences on limit between binned and unbinned fit are shown

Without any systematic uncertainties
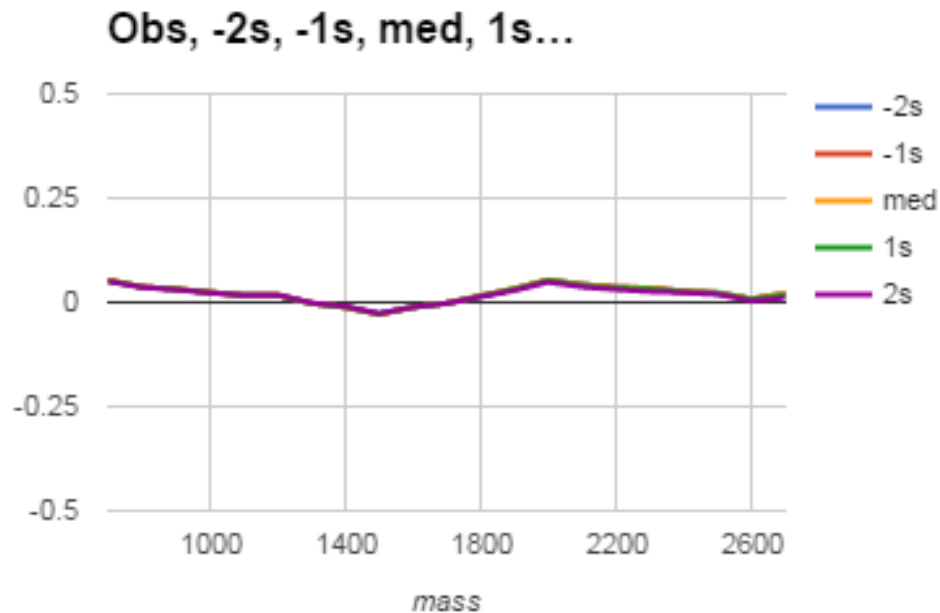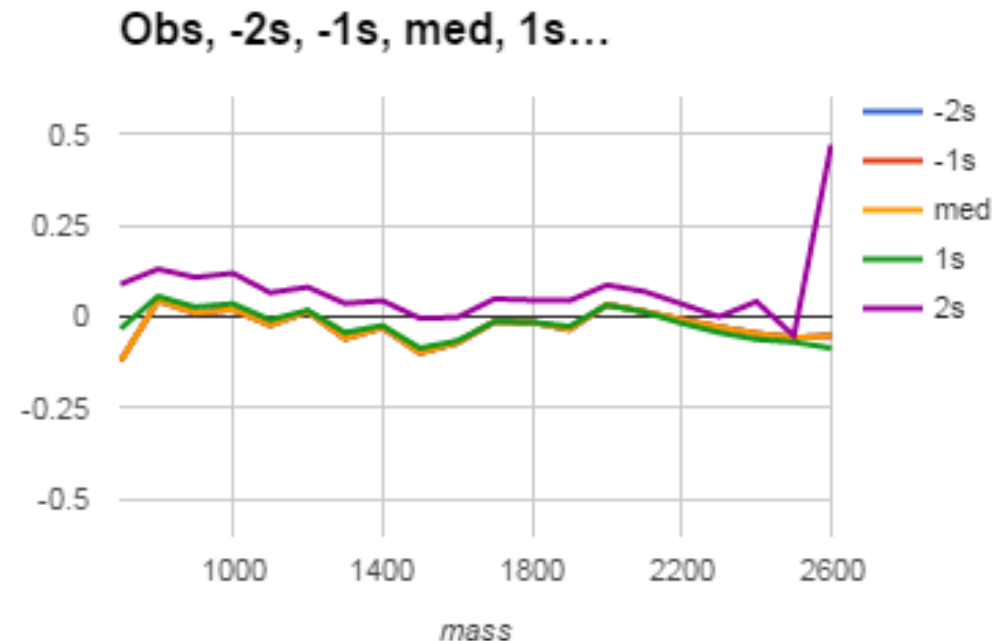
With all systematic uncertainties

Binned unbinned limit comparison

Relative differences on limit between binned and unbinned fit are shown
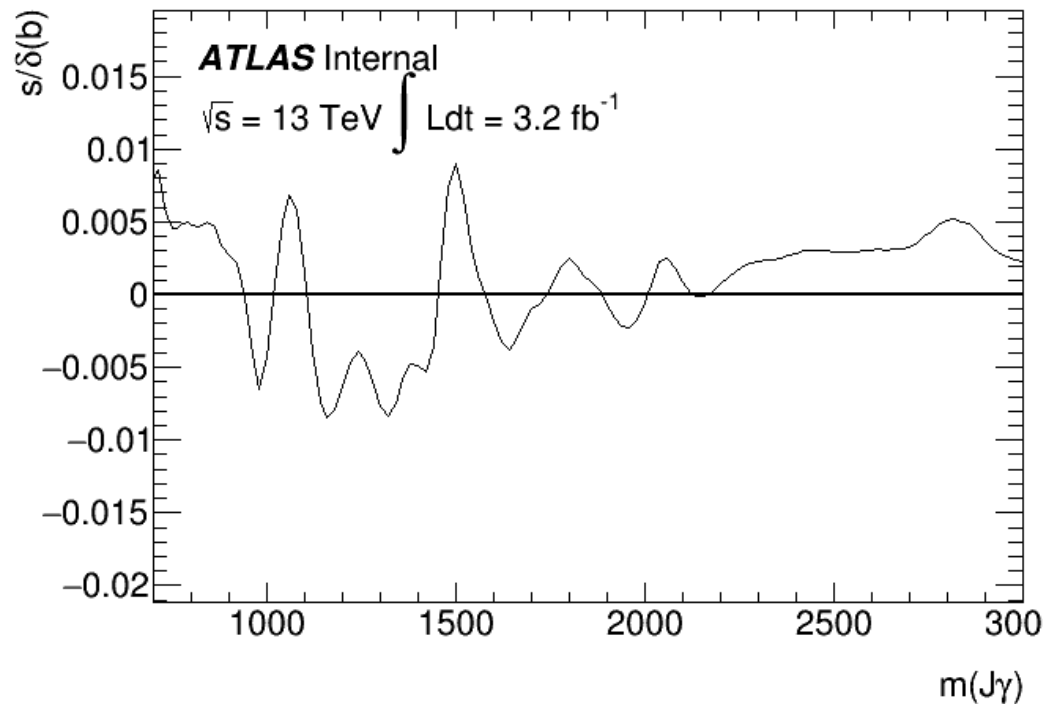OBS curves are not complete (not shown here)
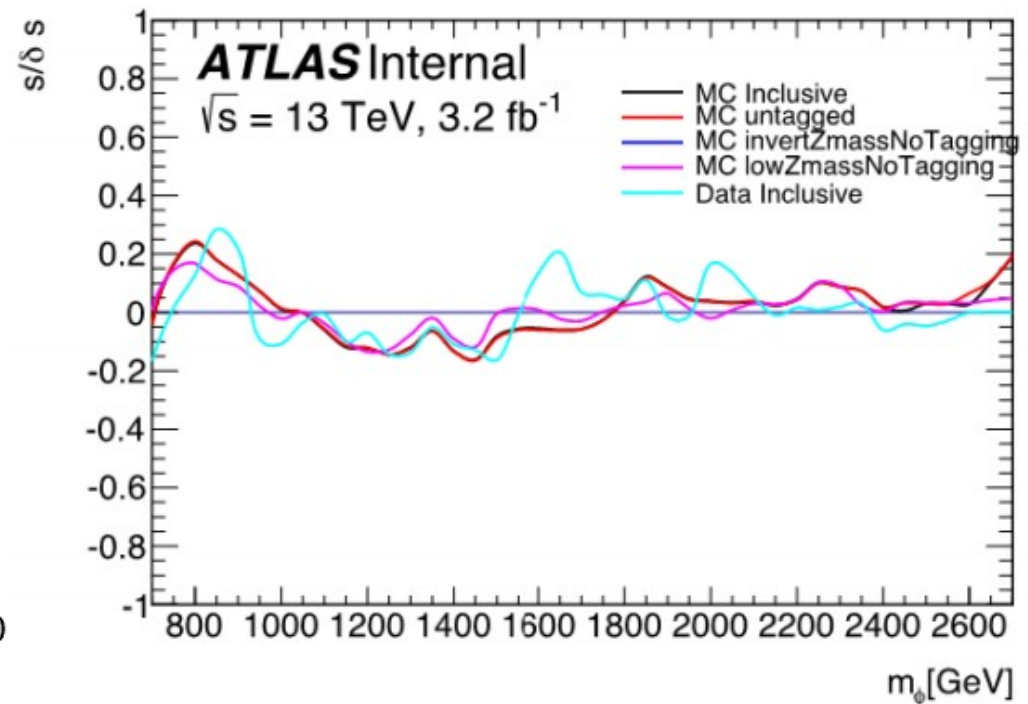

Without any systematic uncertainties

With all systematic uncertainties

Spurious signal

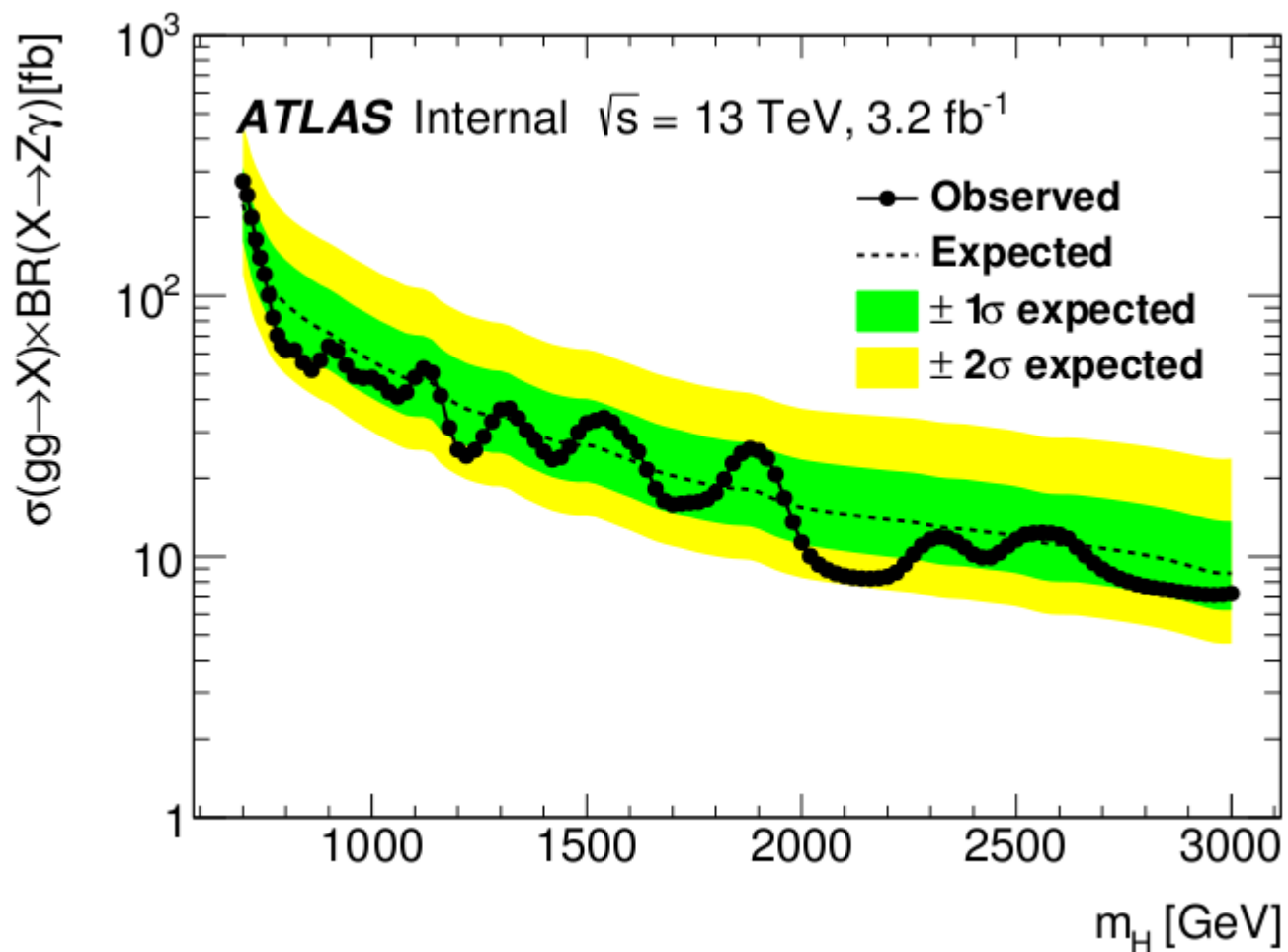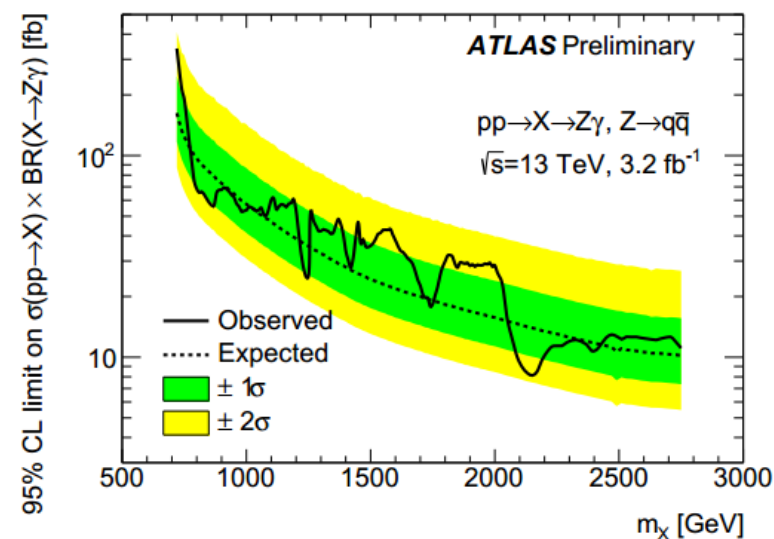Unbinned fit
Using inclusive MC sample

Binned fit

Conservatively, use 25% of background fluctuation as spurious signal in unbinned

Binned unbinned limits

Unbinned fit

Binned fit