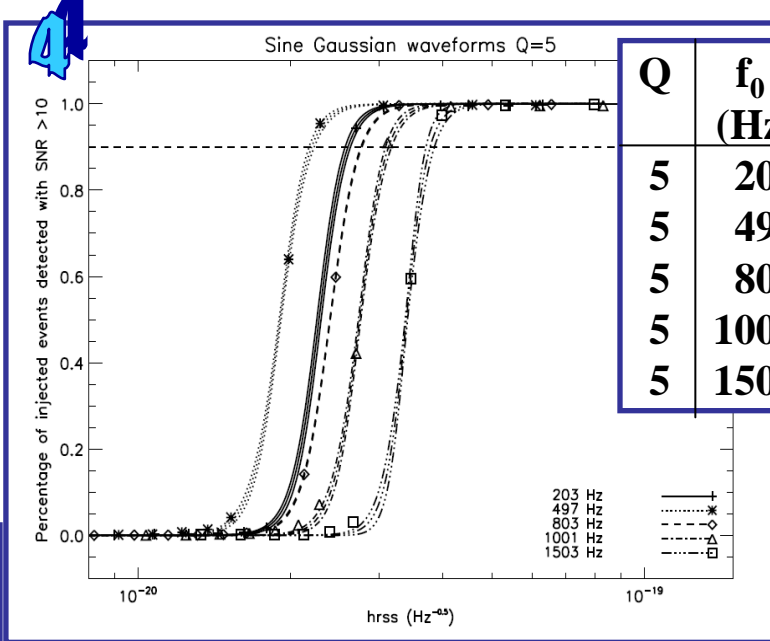
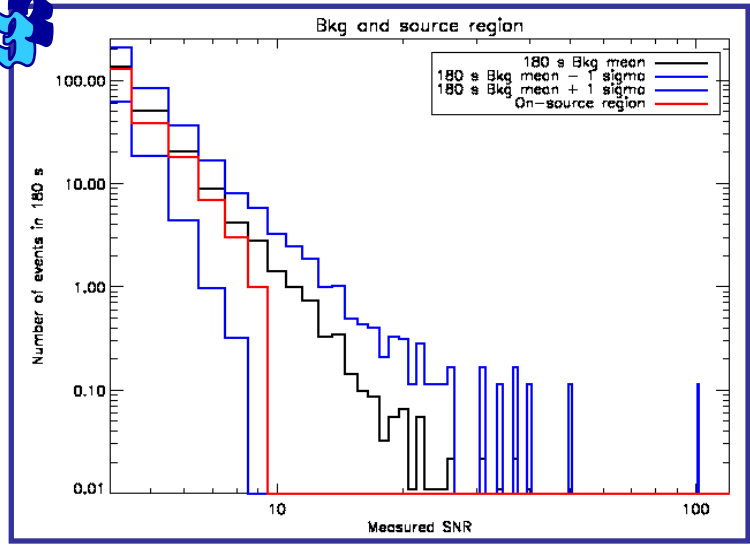


On-source region:
 180 s window,
 120s before the
 trigger and 60s
 after (thick solid
 line). **Bkg region:**
 16500s of a single
 lock stretch (same
 detector
 configuration,
 thick dashed lines)



| Q | f_0 (Hz) | UL $h_{\text{rss}}^{\text{SG}} \times 10^{20}$ ($\text{Hz}^{-0.5}$) |
|---|------------|---|
| 5 | 203 | 4 |
| 5 | 497 | 3 |
| 5 | 803 | 4 |
| 5 | 1001 | 4 |
| 5 | 1503 | 5 |

ULs include fitting errors and 40% calibration error.

The on-source (red) is within the mean (black) $\pm 1\sigma$ (blue) SNR distribution of the ~ 90 windows, 180s long, in the bkg region.

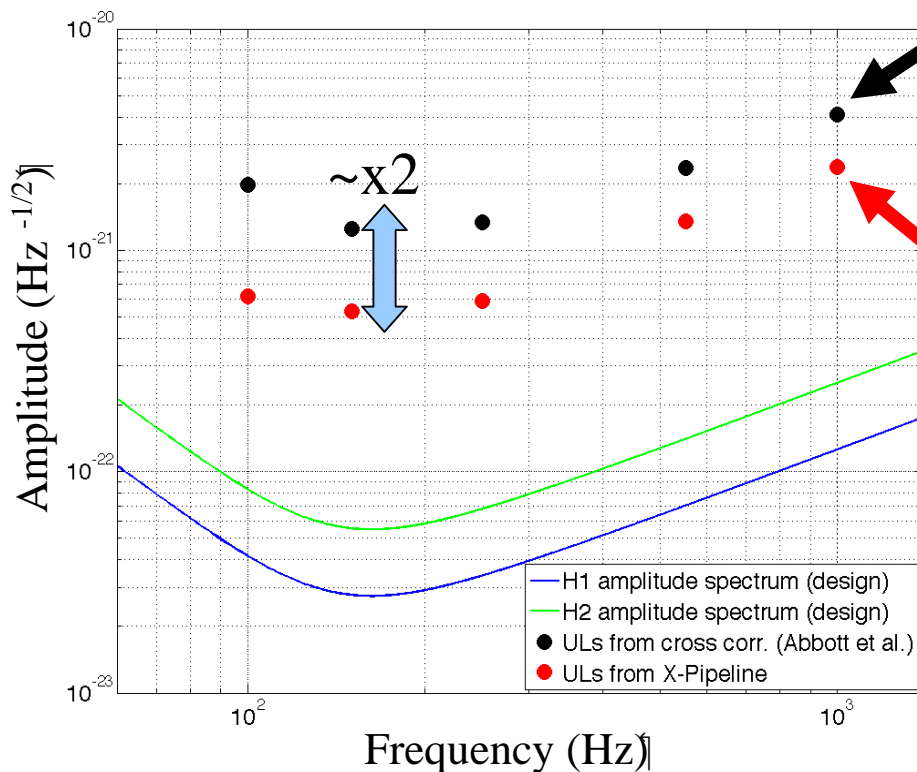


Searching for Gravitational Waves from Gamma Ray Bursts with X-Pipeline

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X-Pipeline is designed to detect **unmodelled** GW bursts in noisy detector data. We time shift data from each detector to **coherently sum** GW signal from a particular sky position, e.g., EM determined **sky position of a GRB**.



Upper limits set using cross-correlation method (GRB070201 analysis, astro-ph/0711.1163)

Upper limits set using **X-Pipeline** method using simulated LIGO data and GRB070201 sky position