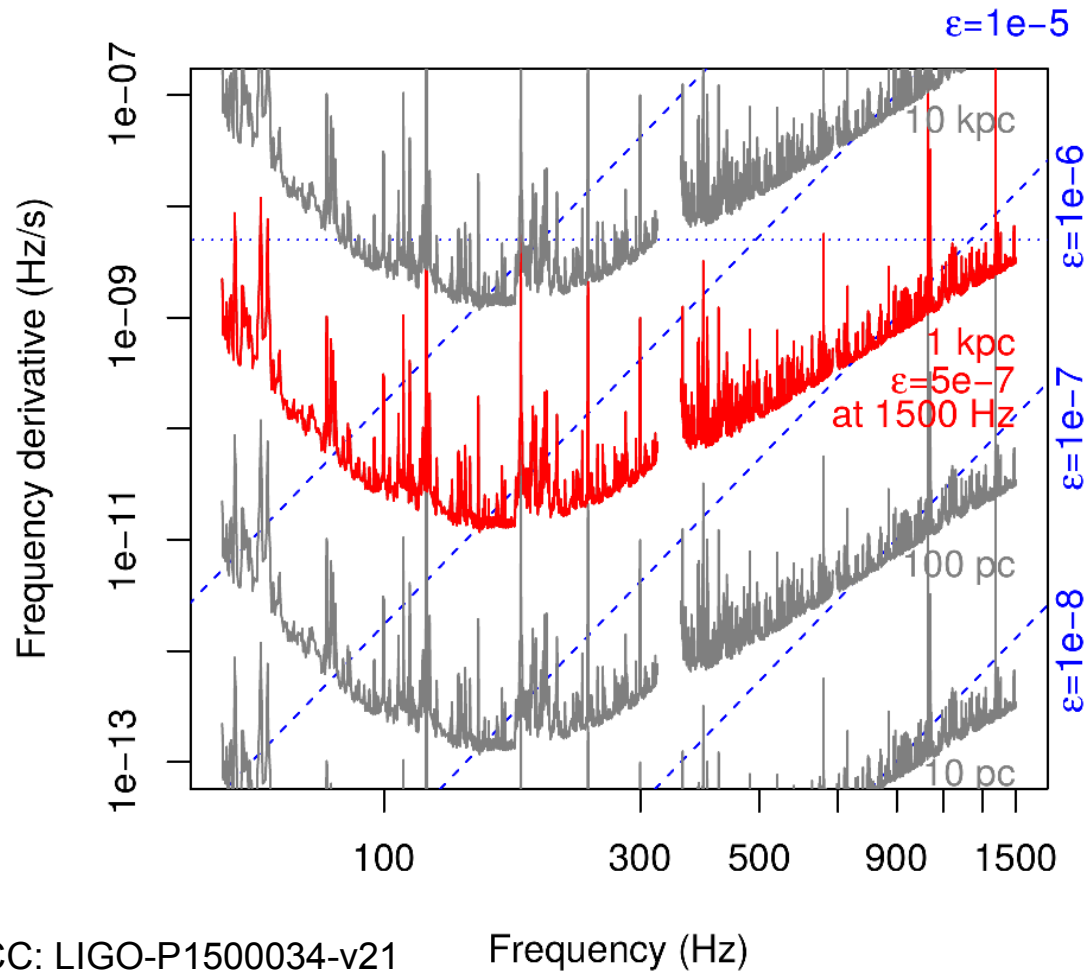
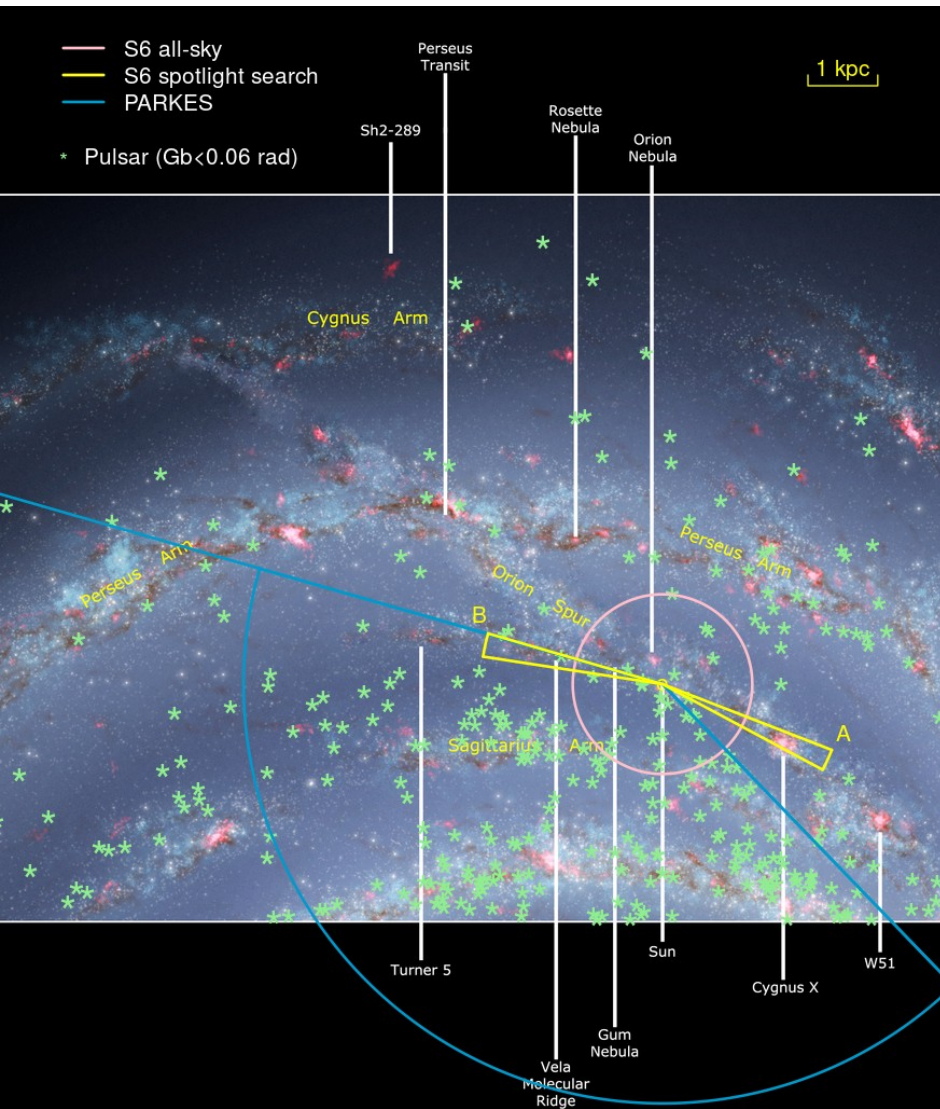


# A search of the Orion spur for continuous gravitational waves using a "loosely coherent" algorithm on data from LIGO interferometers.



# Outlier followup

Stage	Region A	Region B
1	43884	51027
2	7921	9152
3	510	566
4	37	33

TABLE IV. Outlier counts found at each stage of follow up.

## Conclusion

A detection pipeline based on a loosely coherent algorithm was applied to outliers from our search. Three outliers (A14, A27, and A29 on Table V) were found with continuous presence and no obvious instrumental contamination. However, deeper follow-up did not reveal a source consistent with the original signal model. This, combined with the only modest improbability of the loudest outlier occurring in Gaussian noise, leads us to conclude that statistical fluctuations are the likely explanation for these outliers.

Several months  
of followup

## Outlier A14

