

# PBH Systematics

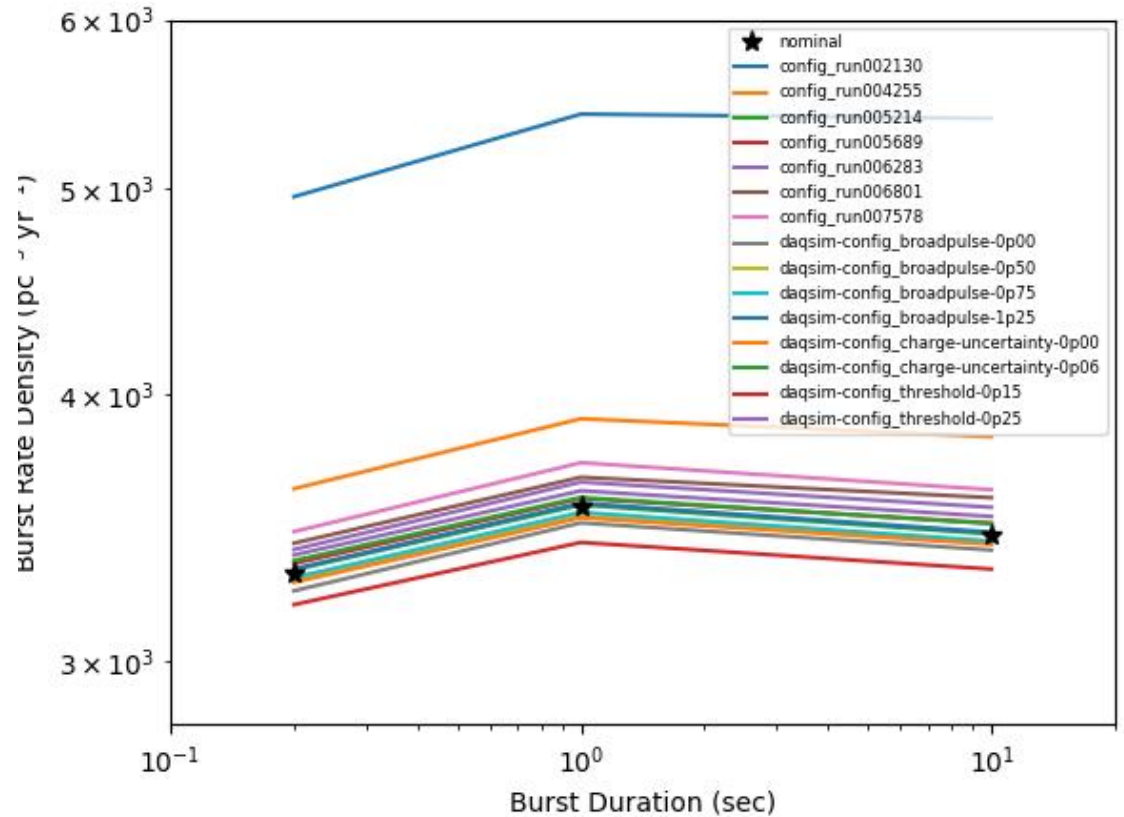
Alison Peisker

MSU group meeting

8/15/2019

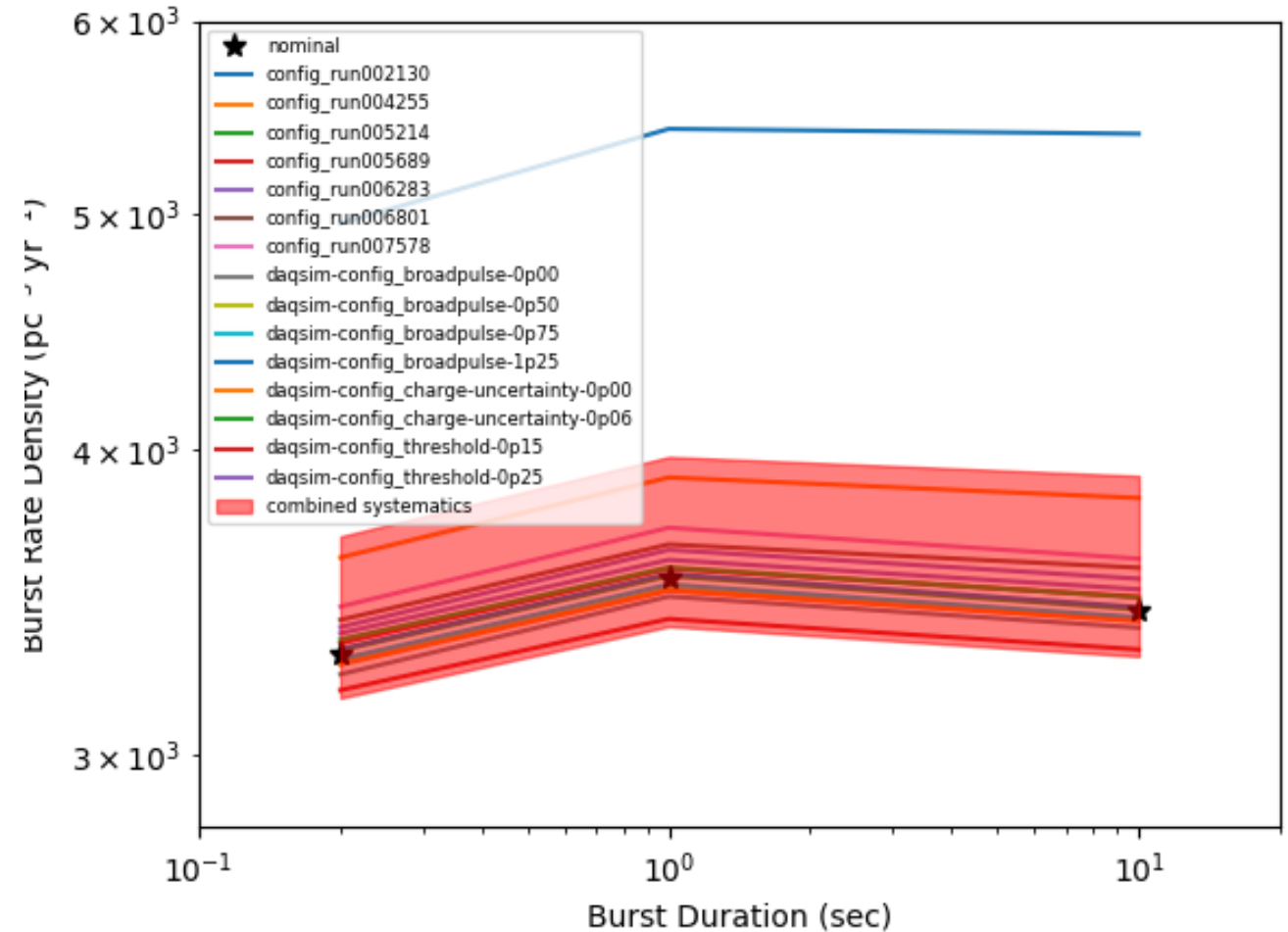
# Systematics

- Used the same systematics sets as the Crab paper
- All look as expected except for config\_run002130
- That run was during HAWC-250
- We used data starting from run 2591 (March 2015), so will exclude run 2130 from our systematics calculation
- Thanks to Kelly and Israel for their help with this

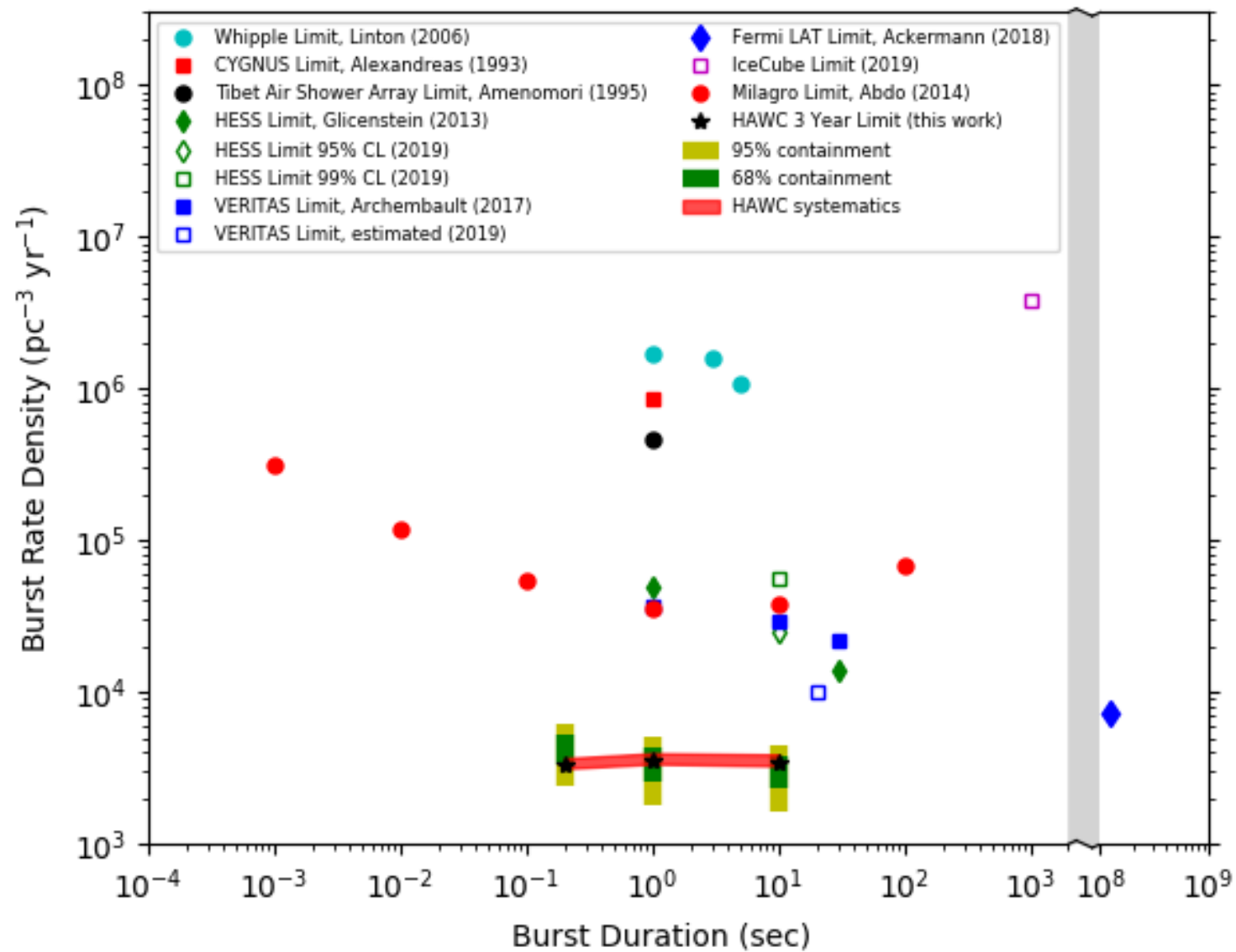


# Combined systematics

- Added in quadrature
- Excluded run 2130



# PBH Burst Rate Density Upper Limits



# Next steps

- Finishing paper draft
- Requested editorial board
- Will present on Wednesday call