

Summer 2020 GREAT Update

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First detection of ¹³CH in the interstellar medium – Jacob et al.



Jacob et al., 2019, A&A, 632A, A60





The PDR structure and kinematics around the compact HII regions S235 A and S235 C ... – Kirsanova et al.







A Search for Light Hydrides in the Envelopes of Evolved Stars – Siebert et al.







A SOFIA Survey of [C II] in the Galaxy M51 II. [C II] and CO Kinematics Across Spiral Arms – Pineda et al.







Legacy Program: FEEDBACK



Pabst et al. 2019, Nature, doi:10.1038/s41586-018-0844-1

Radiative and mechanical feedback in regions of massive star formation (FEEDBACK)

Pls: Tielens and Schneider (07_0077)

[CII] (and [OI]) data cubes of

- 11 prominent Galactic sources
- 6000 arcmin²
- 96 hours awarded, 33 observed
- Allows to study mechanical and radiative feedback of massive stars
- Similar data set to Orion [CII] map shows as video here





Upcoming Legacy Program: HyGal





