pySYD April 2022

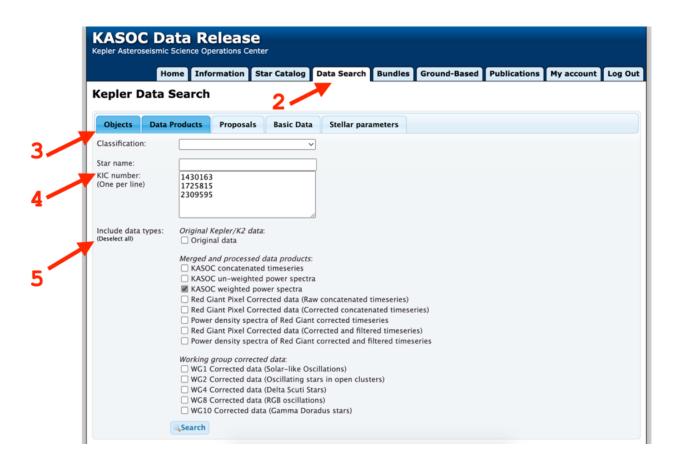
Instructions

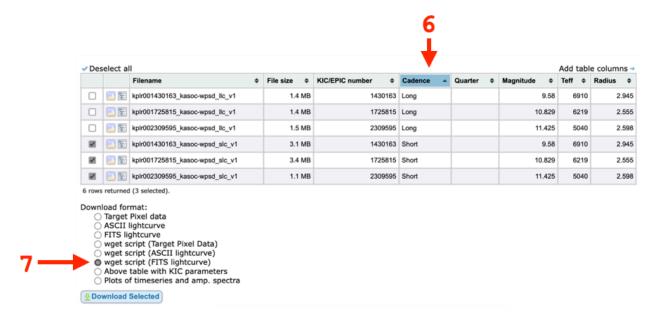
- 1. Login to https://kasoc.phys.au.dk/index.php (or make an account).
- 2. Select **Data Search** from the tabs at the top of the page.
- 3. Select Objects under Kepler Data Search menu.
- 4. In the **KIC number** text box, paste your list of KIC IDs. This list is available as a text file named targets.txt.
- 5. Under Include data types, deselect all options, and select KASOC weighted power spectra.
- 6. Click search. Sort the results based on Cadence, and select rows with Short cadence only.

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- 7. Under Download format, select wget script (FITS lightcurve).
- 8. Click **Download Selected**.
- 9. Run downloaded wget script: sh wget_script.sh.
- 10. Store .FITS files in a directory called fits/.
- 11. Create a directory called data/ to store .txt files.
- 12. Run prepare.py.

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