1614106 lat lon date time

L1E : Process L1D to L1E

Process Single Level
LT has fewest records (as expected) - interpolating to LT; 467 records
Interpolate Data ES
Interpolate Data LI
Interpolate Data LT
Skip. Other instruments are being interpolated to this one.
Interpolate Data LATITUDE
Interpolate Data LONGITUDE
Interpolate Data COURSE
Interpolate Data SPEED
Interpolate Data REL_AZ
Interpolate Data ELEVATION
Interpolate Data AZIMUTH
Interpolate Data HEADING
Interpolate Data HUMIDITY
Interpolate Data PITCH
Interpolate Data POINTING
Interpolate Data ROLL
Interpolate Data T
L1E file produced:
D:\Dirk\NASA\HyperPACE\Field_Data\HyperSAS\Processed\KORUS_Low_QC\L1E\1614106_L1E.hdf

1614106 lat lon date time

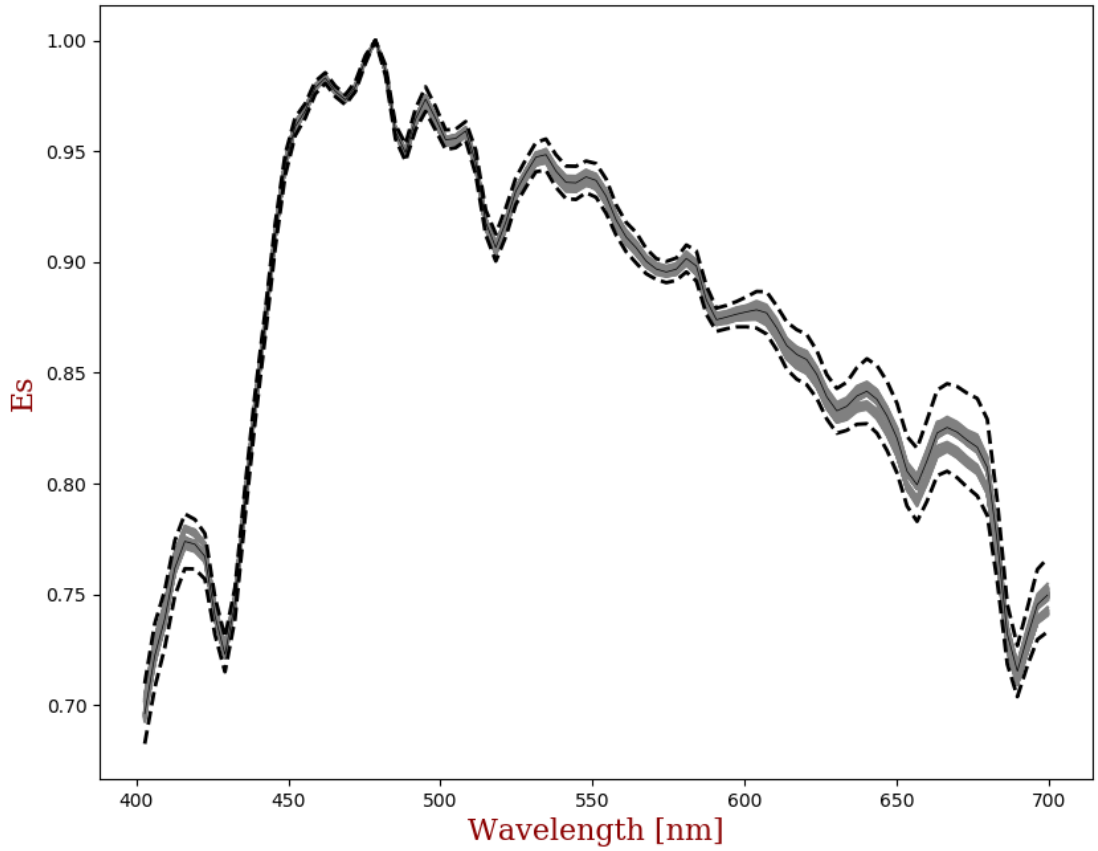
L2 : Process L1E to L2

ProcessL2: D:\Dirk\NASA\HyperPACE\Field_Data\HyperSAS\Processed\KORUS\L1E\1614106_L1E.hdf
Model data for Wind and AOD may be used to replace blank values. Reading in model data...
Ancillary file found locally: N201614106_MERRA2_1h.nc
Ancillary file found locally: N201614106_AER_MERRA2_1h.nc
Field wind data has 133 NaNs out of 164 prior to using model data
Field salt data has 164 NaNs out of 164 prior to using model data
Field sst data has 164 NaNs out of 164 prior to using model data
Field aod data has 164 NaNs out of 164 prior to using model data
Field station data has 164 non-stations out of 164
Filling in field data with model data where needed.
Filling in ancillary data with default values where still needed.
Applying Lt quality filtering to eliminate spectra.
0.0% of spectra flagged
Percentage of data out of SZA and Wind limits: 0 %
Applying spectral filtering to eliminate noisy spectra.
0.0% of Es data flagged
0.0% of Li data flagged
4.3% of Lt data flagged
Remove IRRADIANCE Data
  Length of dataset prior to removal 164 long
  Length of dataset after removal 157 long: 4% removed
Remove RADIANCE Data
  Length of dataset prior to removal 164 long
  Length of dataset after removal 157 long: 4% removed
Remove ANCILLARY Data
  Length of dataset prior to removal 164 long
  Length of dataset after removal 157 long: 4% removed
Applying meteorological filtering to eliminate spectra.
0.0% of spectra flagged
Binning datasets to ensemble time interval.
26 spectra in slice (ensemble).
3 spectra remaining in slice to average after filtering to lowest 10.0%.
Calculating Ruddick glint correction
Rho_sky: 0.0295 Wind: 6.5 m/s
Perform simple residual NIR subtraction.
109 spectra in slice (ensemble).
11 spectra remaining in slice to average after filtering to lowest 10.0%.
Calculating Ruddick glint correction
Rho_sky: 0.0293 Wind: 6.1 m/s
Perform simple residual NIR subtraction.
Filtering reflectance spectra for negative values.
0.0% of Rrs_HYPER spectra flagged
0.0% of nLw_HYPER spectra flagged
Processing chlor_a
Processing poc
Processing kd490
Processing ipar

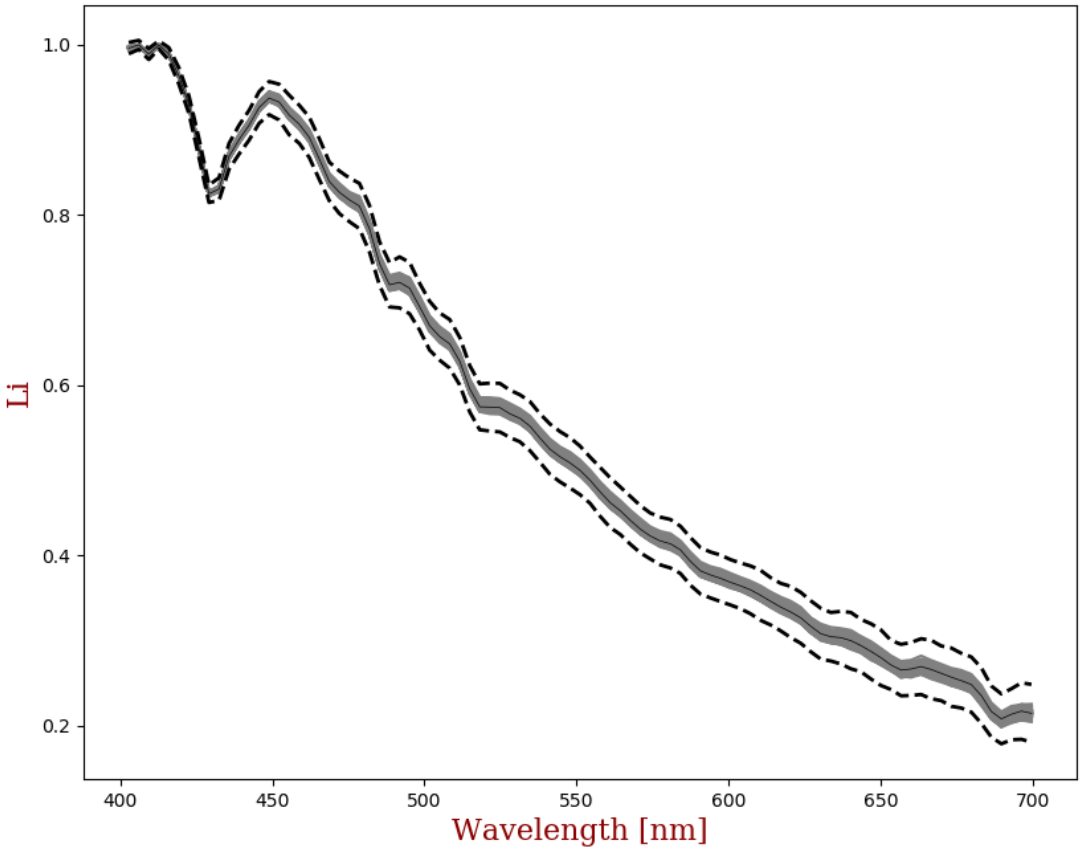
1614106 lat lon date time

Processing avw
Processing CDOM, Sg, DOC
Processing qaa
L2 file produced: D:\Dirk\NASA\HyperPACE\Field_Data\HyperSAS\Processed\KORUS\L2\1614106_L2.hdf
Output SeaBASS for HDF: D:\Dirk\NASA\HyperPACE\Field_Data\HyperSAS\Processed\KORUS\L2\1614106_L2.hdf

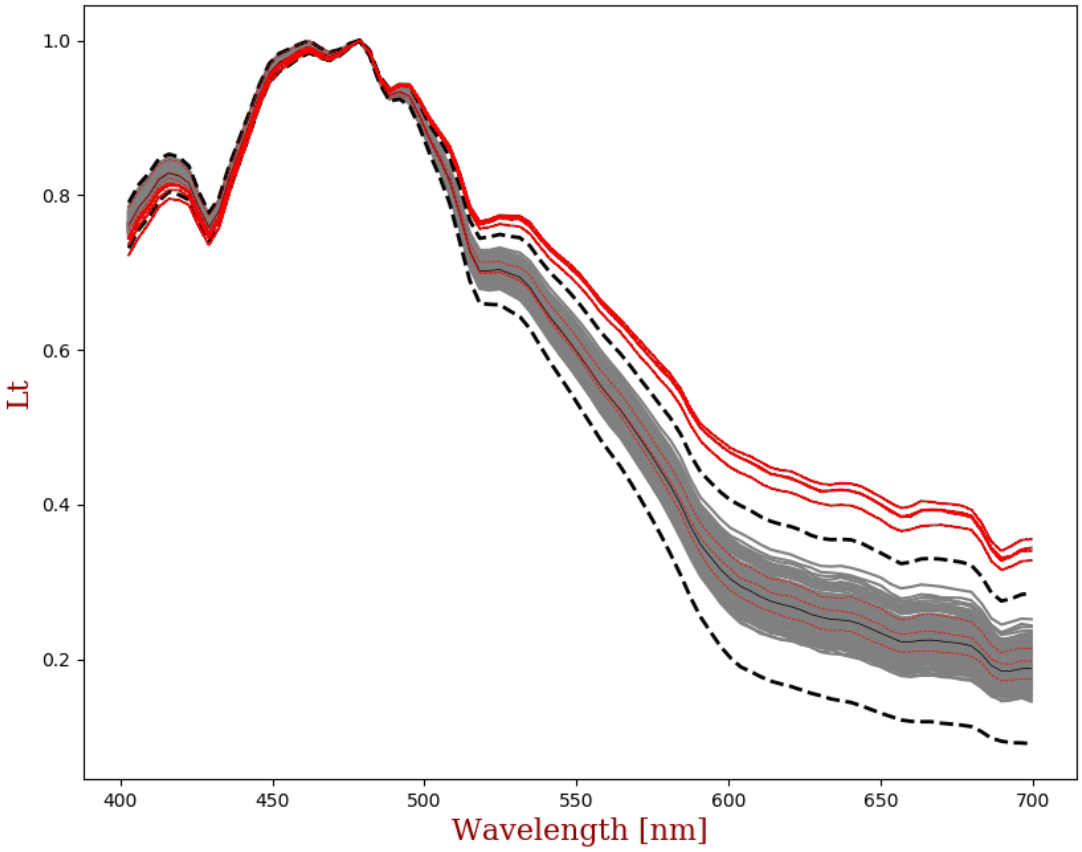
Spectral Filters



1614106 lat lon date time

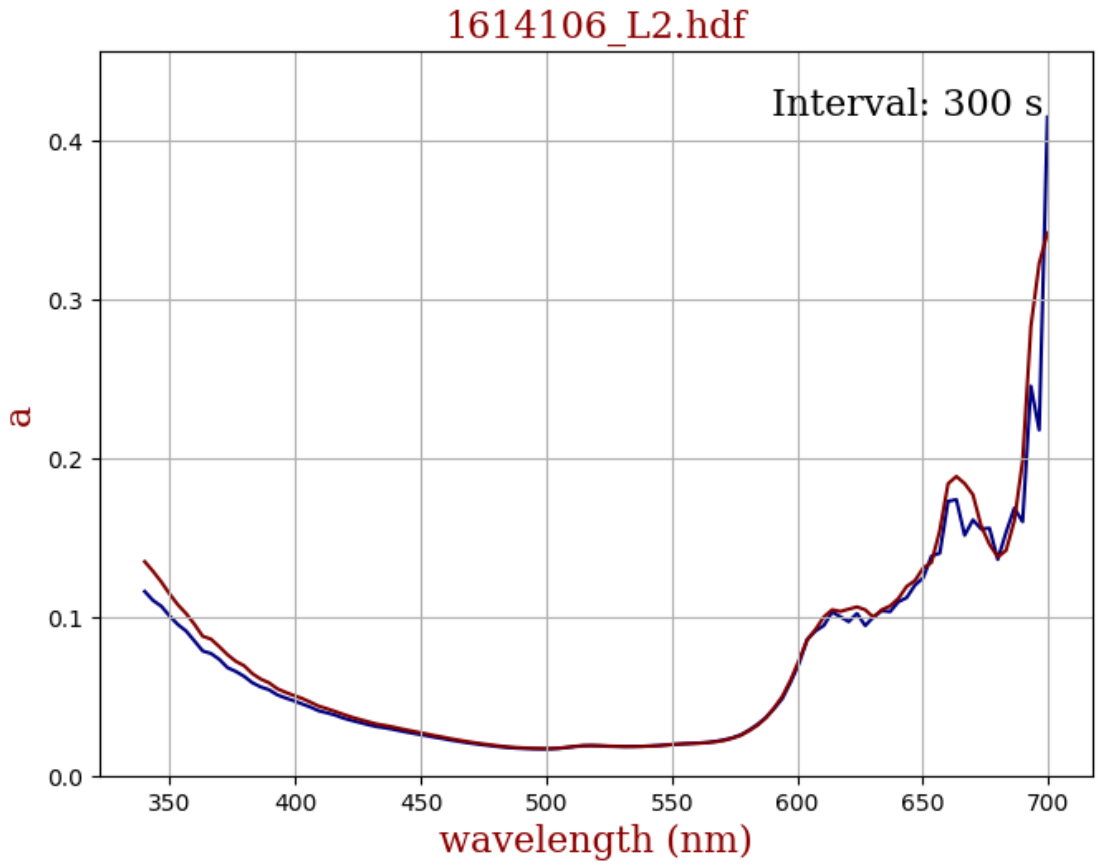


1614106 lat lon date time

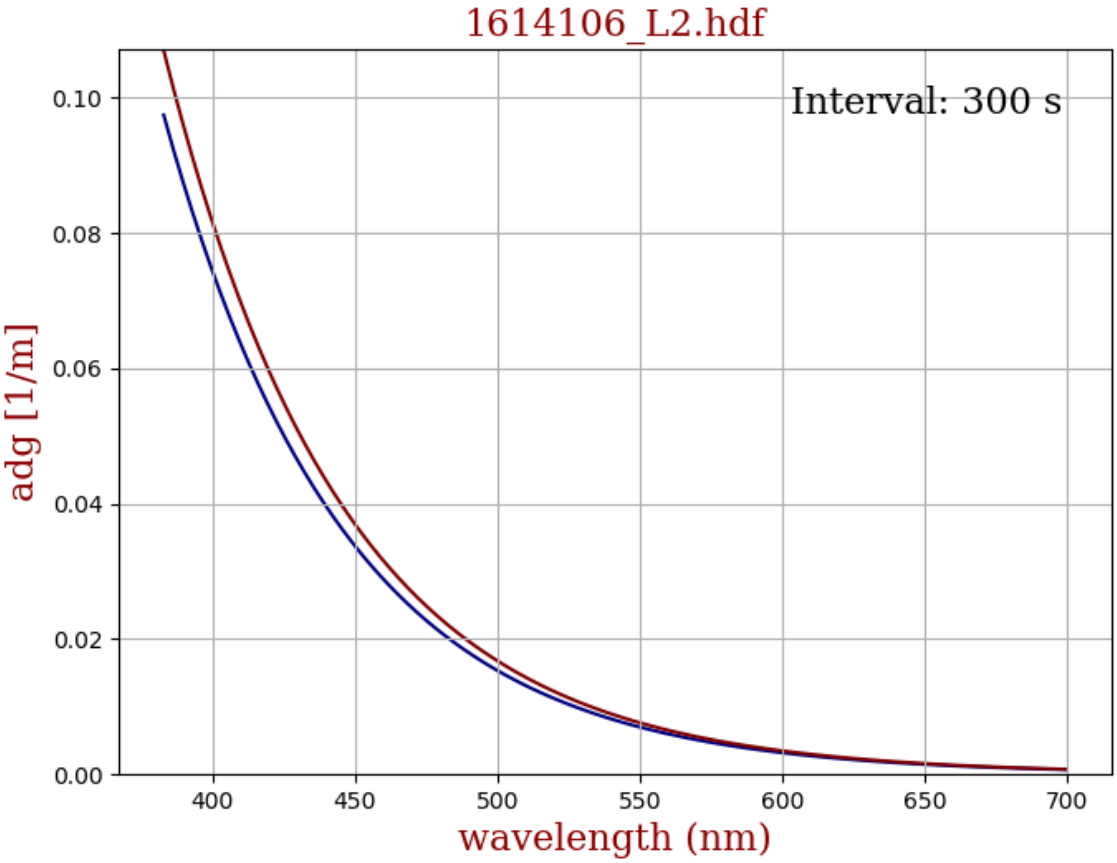


Radiometry

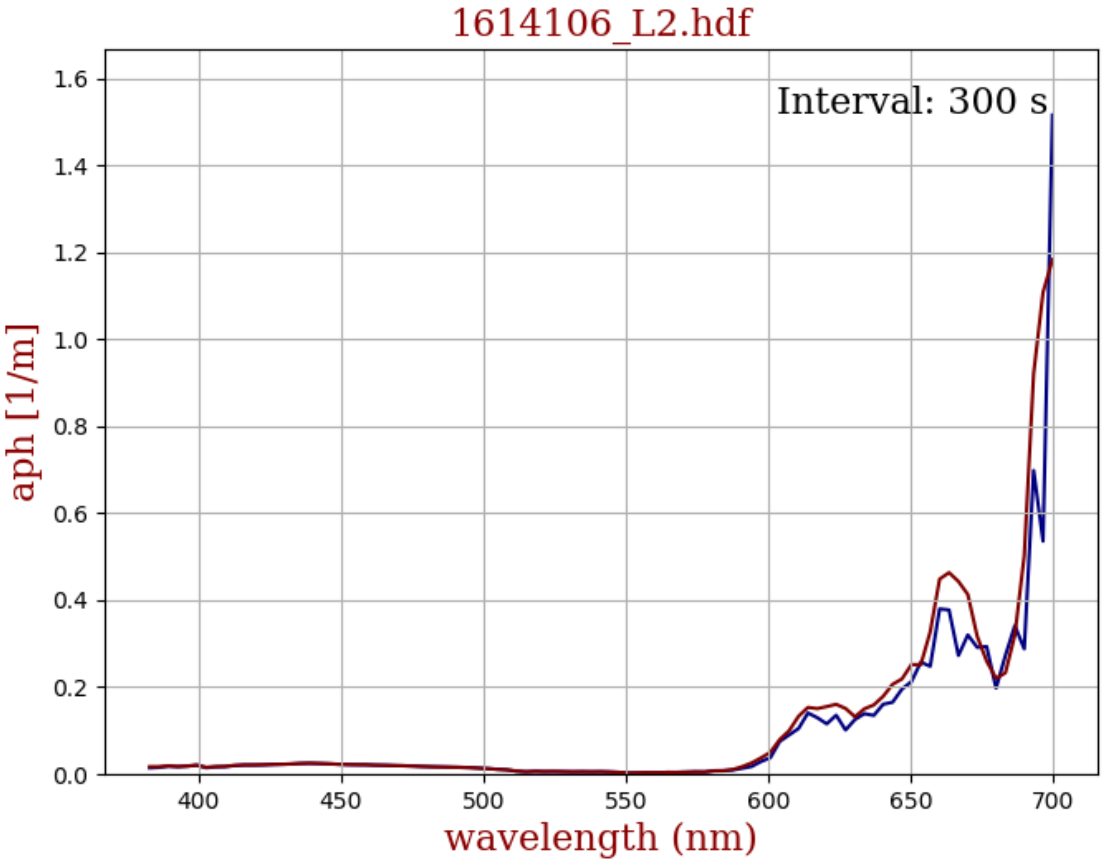
1614106 lat lon date time



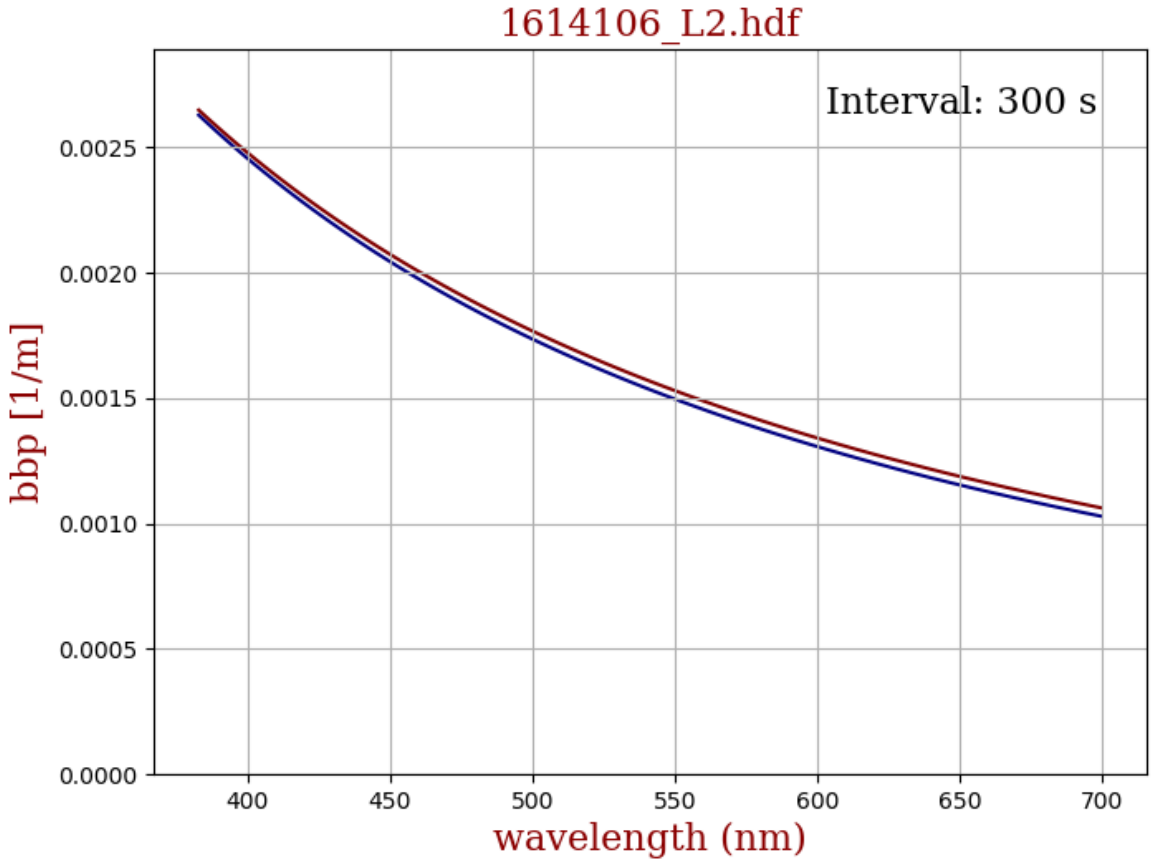
1614106 lat lon date time



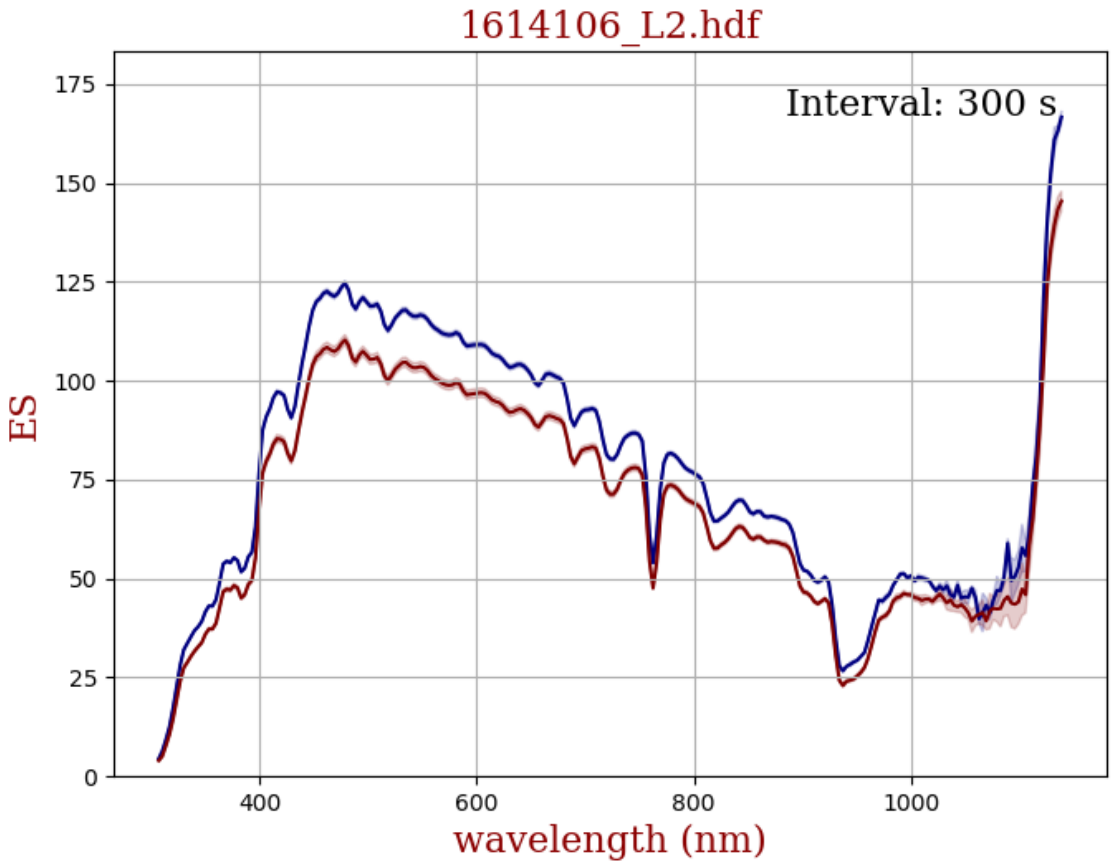
1614106 lat lon date time



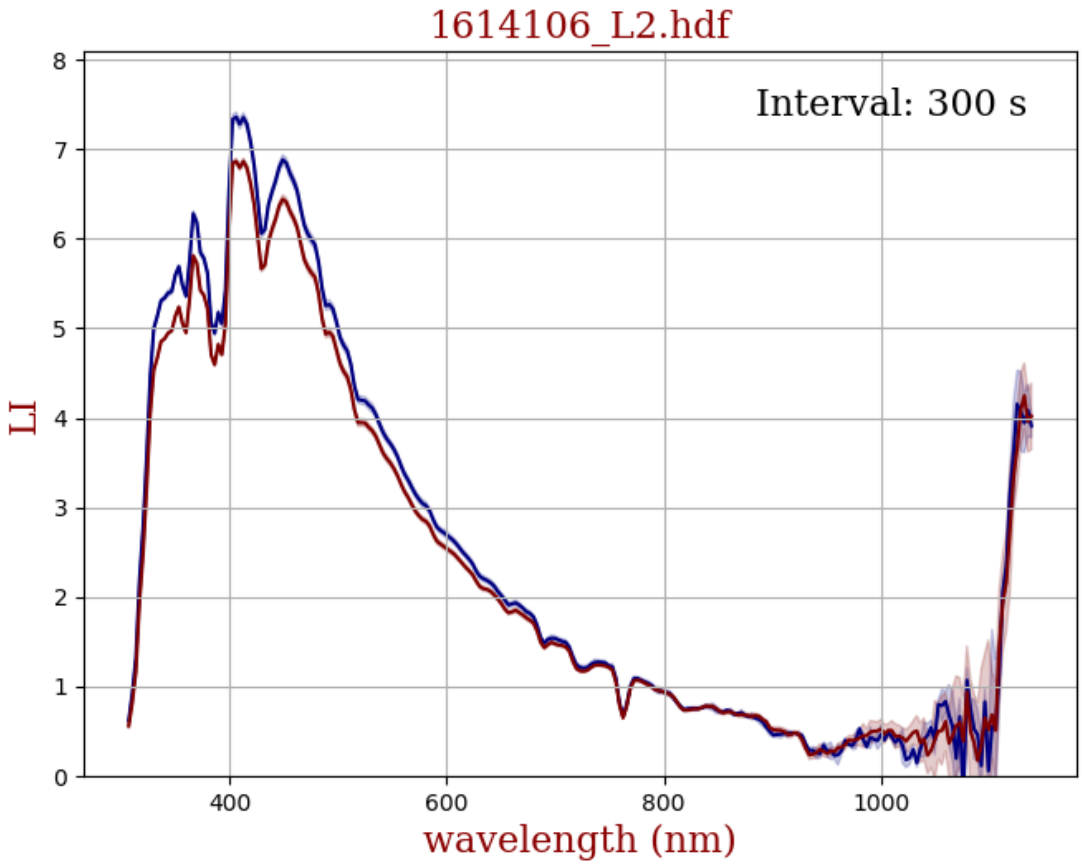
1614106 lat lon date time



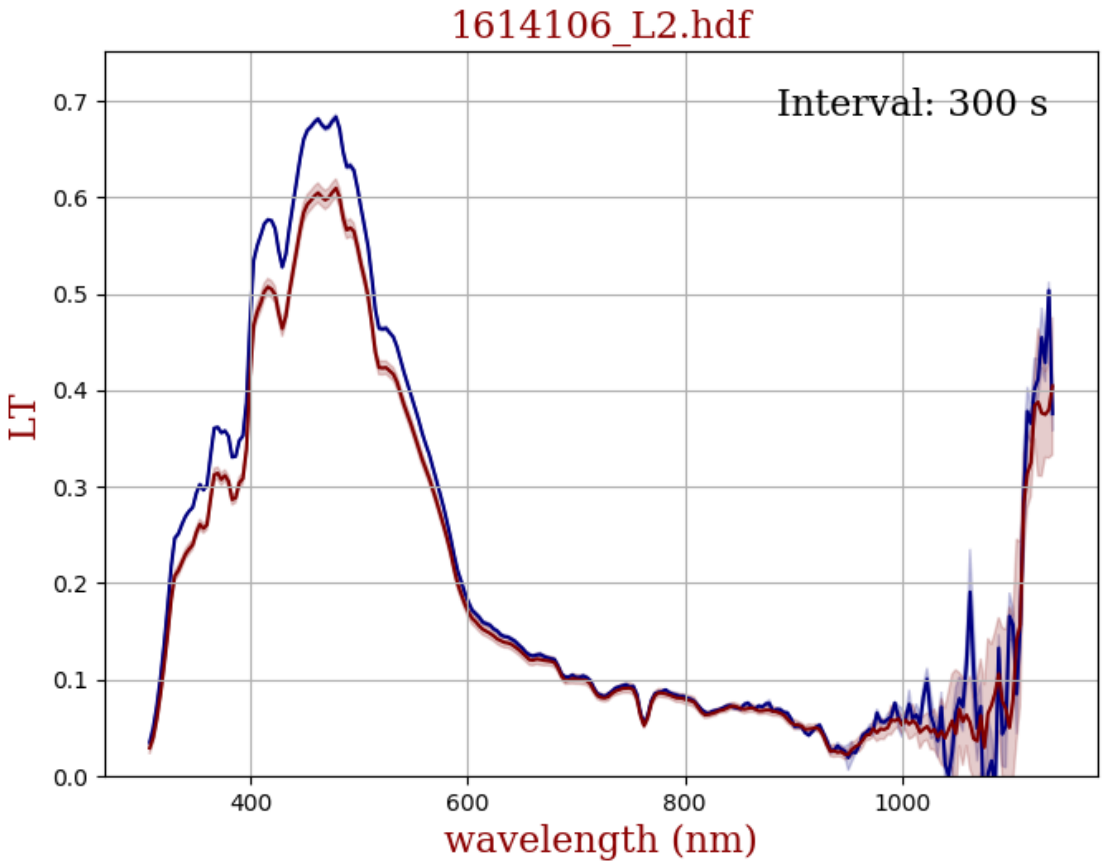
1614106 lat lon date time



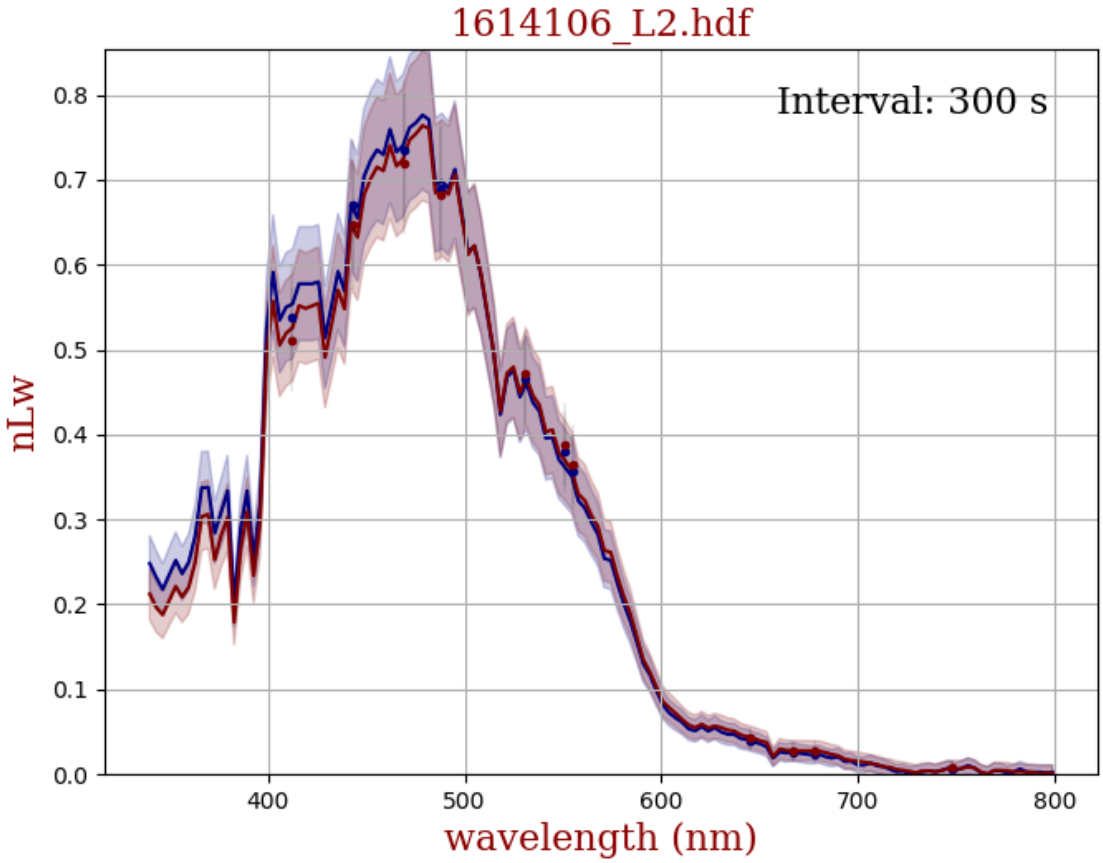
1614106 lat lon date time



1614106 lat lon date time



1614106 lat lon date time



1614106 lat lon date time