CreateVideo2DEnergySpectraAndAuroraAutomated.m

* generate\_energy\_spectra\_data\_product()
  + read\_amisr()
  + aer\_to\_field\_aligned\_coords()
  + interpolate\_to\_field\_aligned\_coords()
  + get\_2D\_energy\_spectra()
    - get\_error\_in\_q()
    - get\_energy\_dep\_matrix()
    - get\_inverted\_flux()
  + create\_energyFlux\_hdf5()
  + create\_DASC\_hdf5\_low\_memory()
    - DASC\_aer\_to\_geodetic()
    - calibrate\_DASC\_pixels()
    - DASC\_aer\_to\_geodetic\_v2018()
    - read\_DASC\_fits()
* create\_energy\_spectra\_images()
  + readh5\_variable\_at\_time()