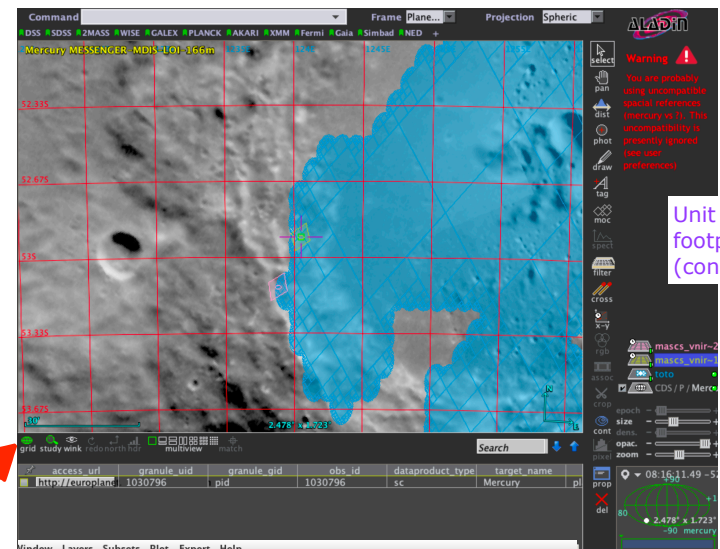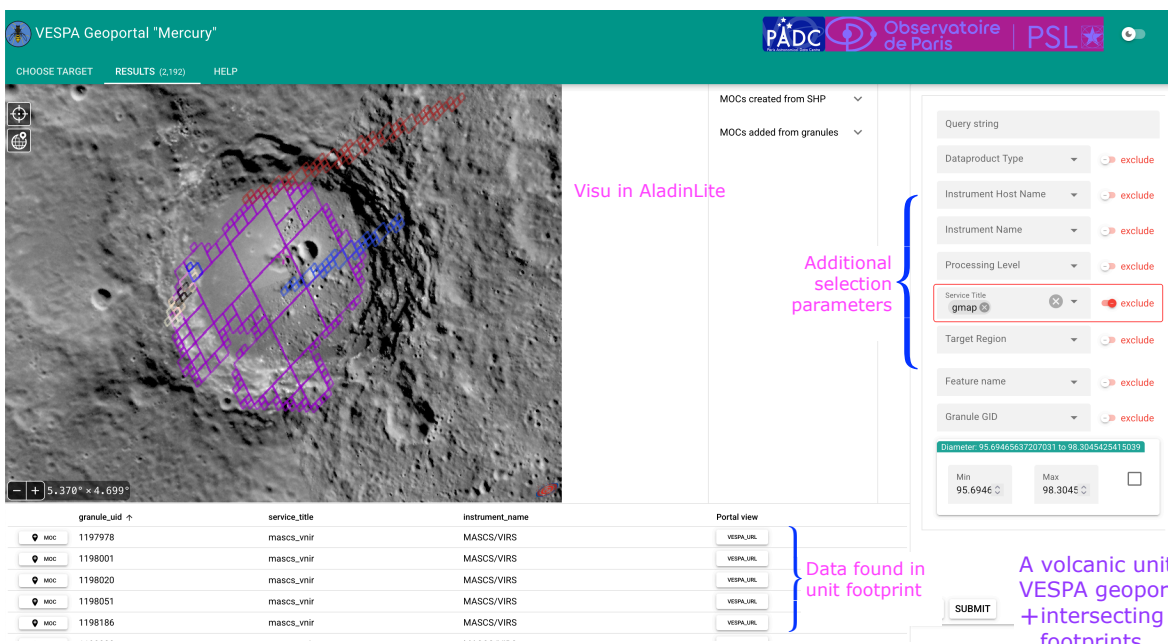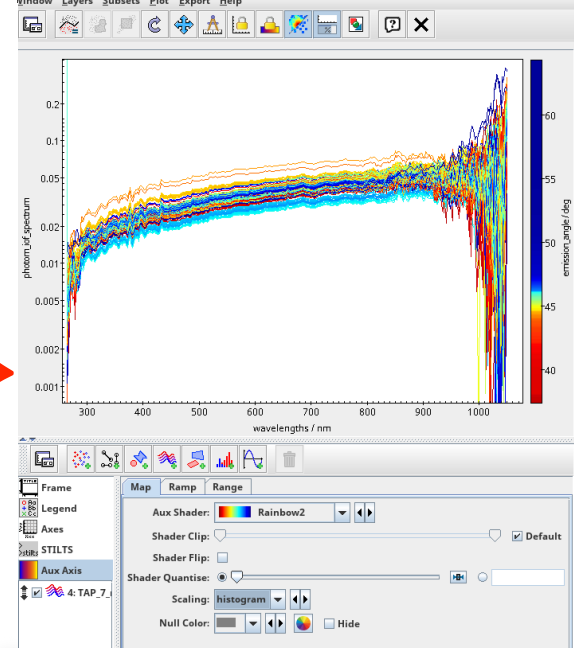# Spectra of a geologic unit

1- **Set the VESPA geoportal to Mercury (MESSENGER MDIS)**

2- **Drop a shapefile of a Mercury pyroclastic deposit** (Leon-Dasi et al 2023, from analysis of MESSENGER images) **=> converts to MOC**

   => identifies all MESSENGER spectra in this unit, with footprint and conditions

3- **Send the unit MOC and spectrum footprints to Aladin**

4- **Send all spectra to TOPCAT**

   => average spectrum and variability, possibly with selection on illumination angles

Unit and spectra footprints in Aladin (connected to CASSIS)

Visu in AladinLite

Additional selection parameters

Data found in unit footprint

A volcanic unit in VESPA geoportal +intersecting spectral footprints

Spectra in TOPCAT => spectral arithmetic available