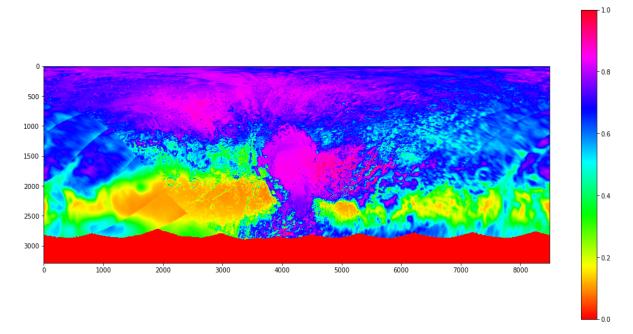
New Horizons photometry Map review

Reviewer: Xiao-Duan Zou (Planetary Science Institute) Feb 27 2023

1. Map overview

One derived map: "Incidence-angle-average bolometric hemispherical albedo map".

0 Header 'HEADER_0' FITS 3.0 1 Array_2D 'primary_image' 2 axes, 3288 x 8492



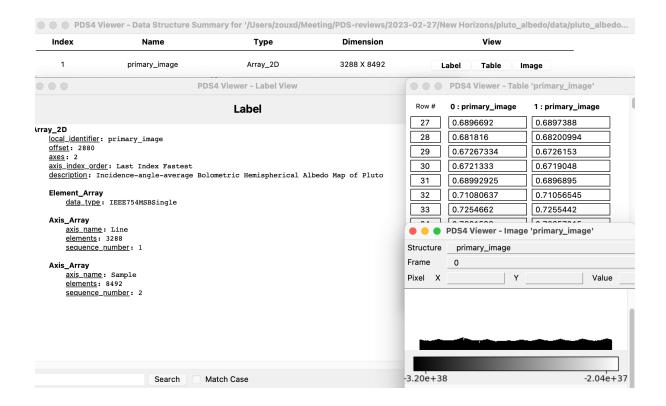
Readable, generally looks fine.

2. Data and label

- All labels are checked
- Files all readable by DS9 and PDS4 tools
- Fits header:

SIMPLE = T/
BITPIX = -32 /
NAXIS = 2 /
NAXIS1 = 8492 /
NAXIS2 = 3288 /
BZERO = 0.0 /
BSCALE = 1.0 /
END

PDS4 Viewer:



- From a data user's angle, I would suggest adding some information:
 - Data: uncertainty or error map extension;
 - Data: resolution coverage map (if available);
 - Label:
 - Unit for each extension
 - Instruments
 - Target
 - Map projection
 - invalid value (or special constants)
 - Longitude range

3. Documentation

A paper under review? Legit?

Editing suggestions:

In "overview.txt":

- Mosaiced → Mosaicked
- 2. "In summary: P_LORRI, an image sequence with a pixel scale of ~850 m, is used for the encounter hemisphere and additional image sequences for other regions are selected such that the pixel scale between successive utilized sequences varies by <~ 2 and Pluto's rotation between successive utilized sequences is <~ 45 deg." add a unit after