

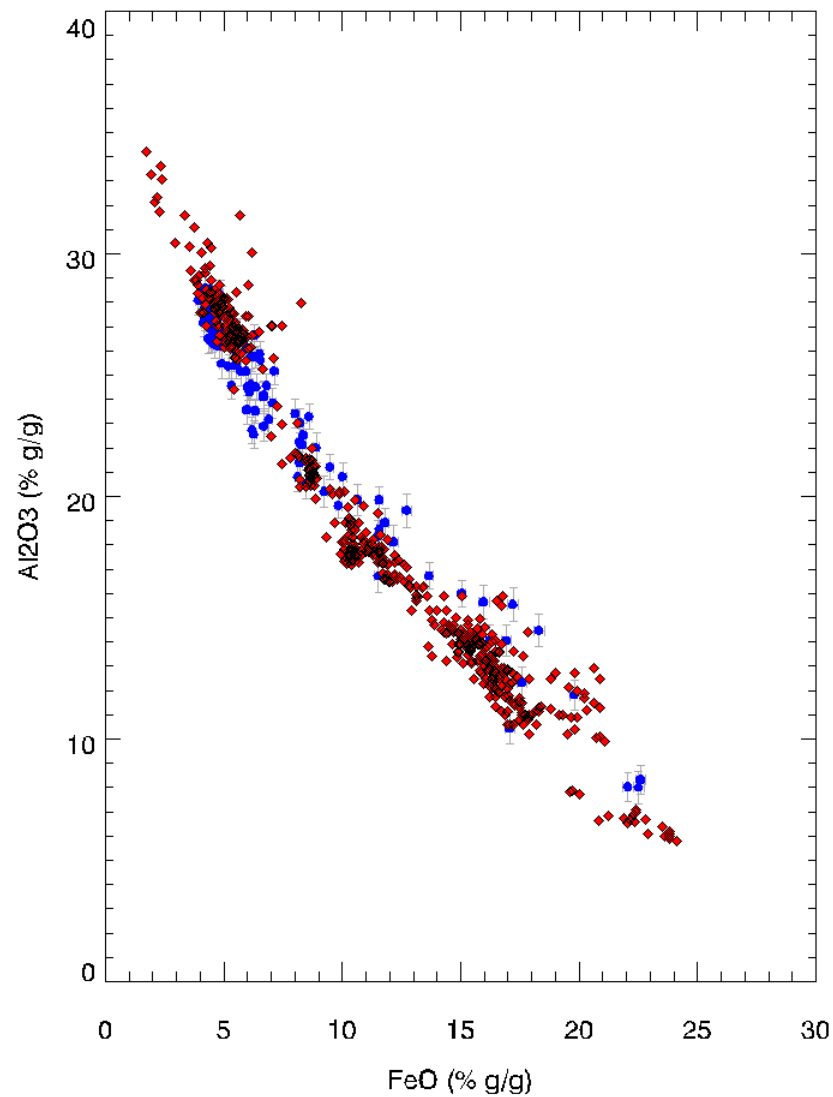
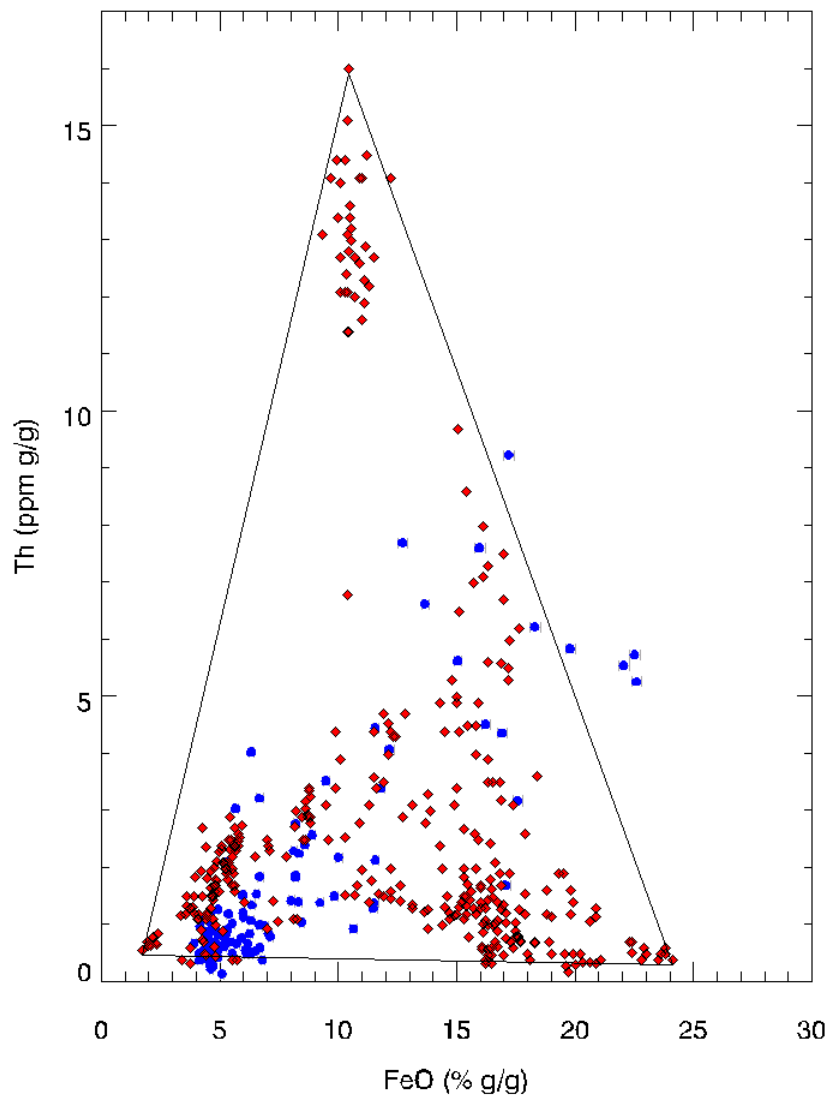
Quick Look

LUNAR-ELEMENTAL-ABUNDANCE-MAP-20-DEG-HIGH1-120615.DAT
2012-06-15

Prettyman, T. H., J. J. Hagerty, R. C. Elphic, W. C. Feldman, D. J. Lawrence, G. W. McKinney, and D. T. Vaniman,
Elemental composition of the lunar surface: Analysis of
gamma ray spectroscopy data from Lunar Prospector,
JOURNAL OF GEOPHYSICAL RESEARCH, VOL. 111, E12007,
doi:10.1029/2005JE002656, 2006.

Correlations

- LEGEND**
- Abundances determined by GRS_FIT
 - Soils, regolith breccias, and meteorite compositions



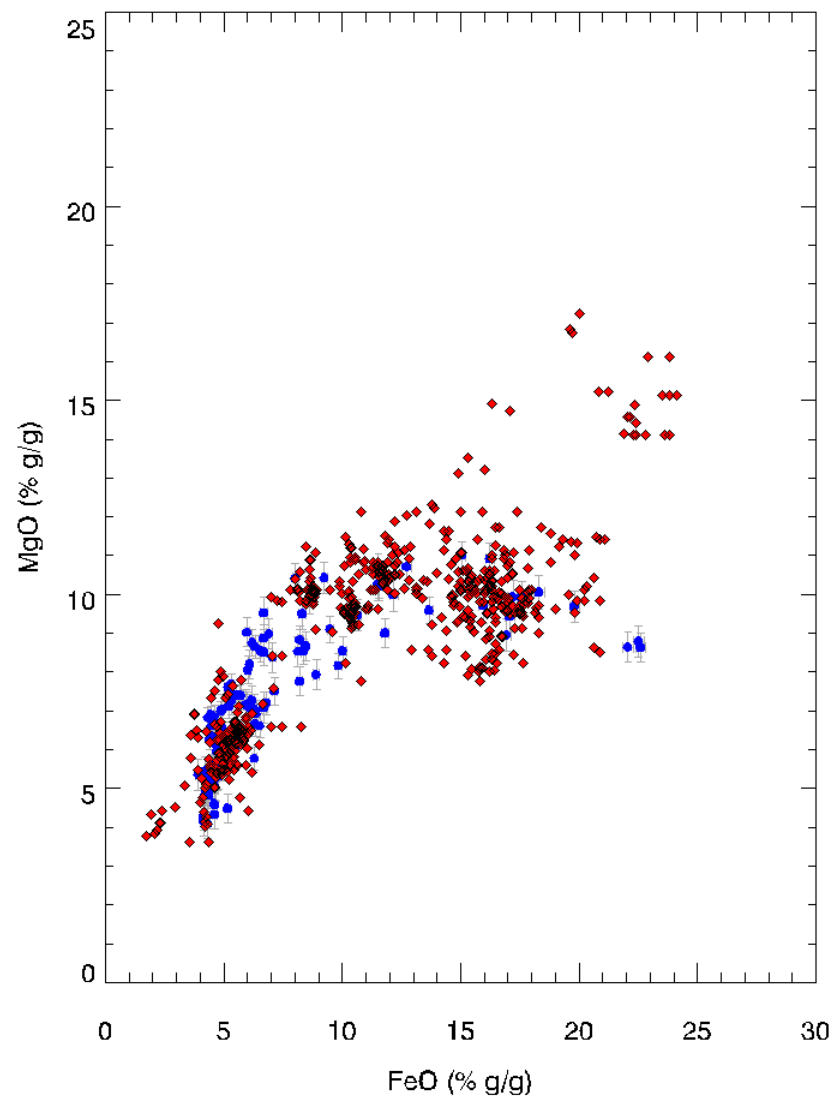
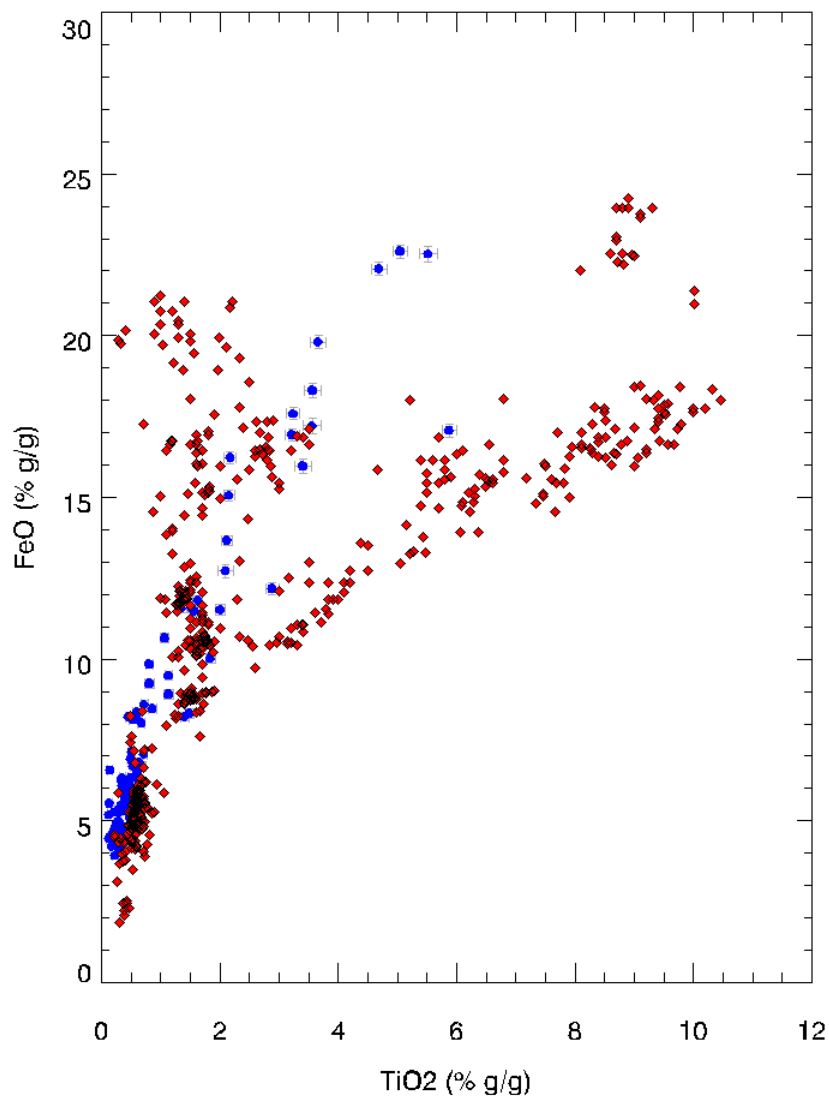
Correlations

LEGEND



Abundances determined by GRS_FIT

Soils, regolith breccias, and meteorite compositions



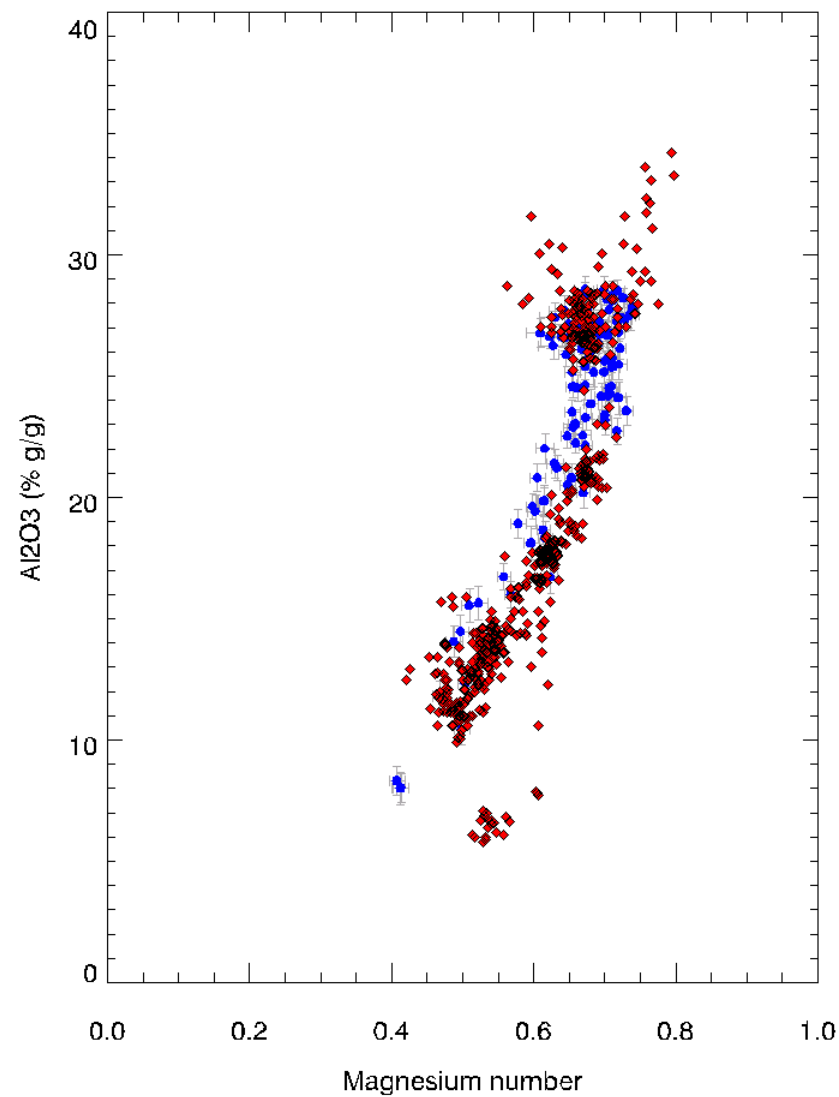
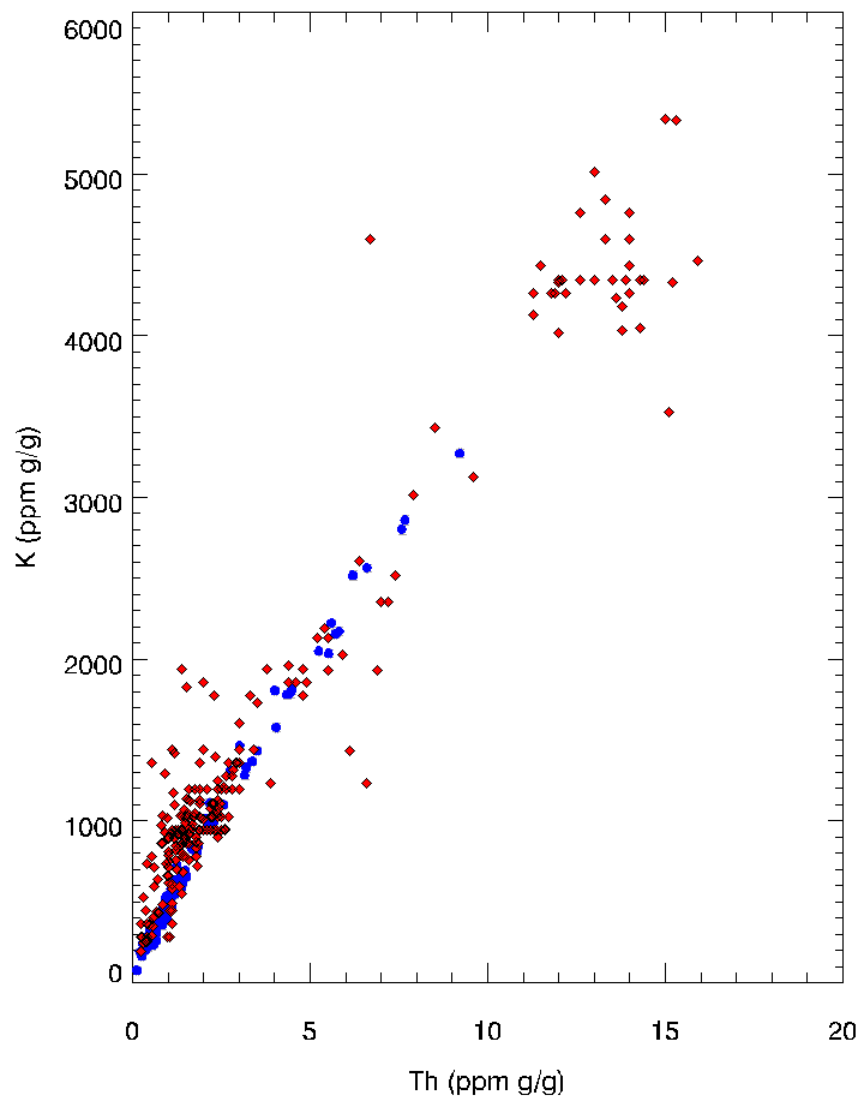
Correlations

LEGEND



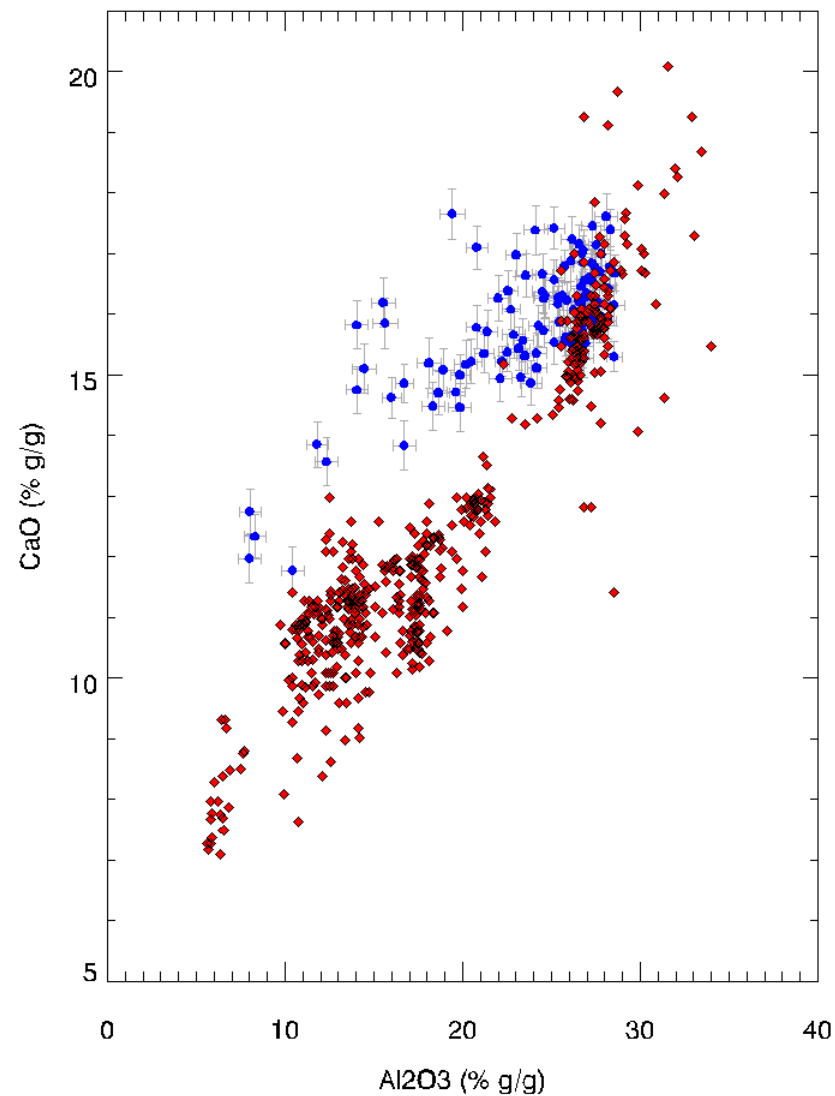
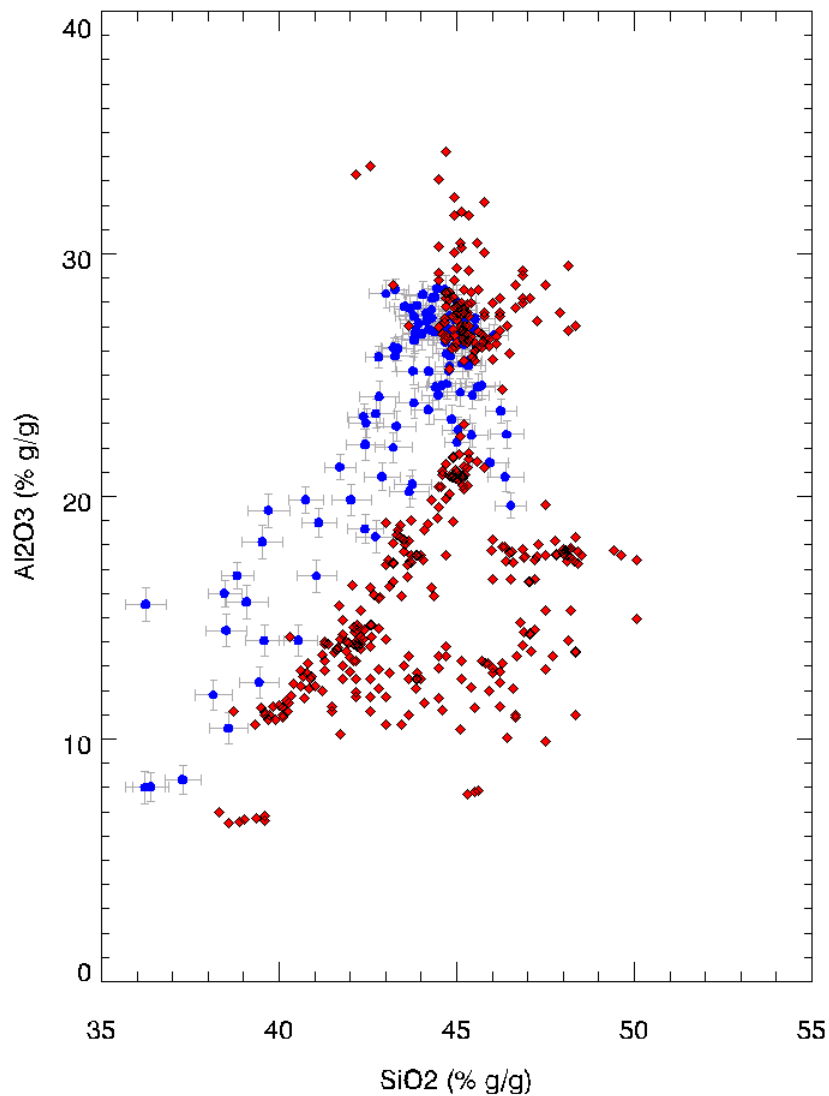
Abundances determined by GRS_FIT

Soils, regolith breccias, and meteorite compositions



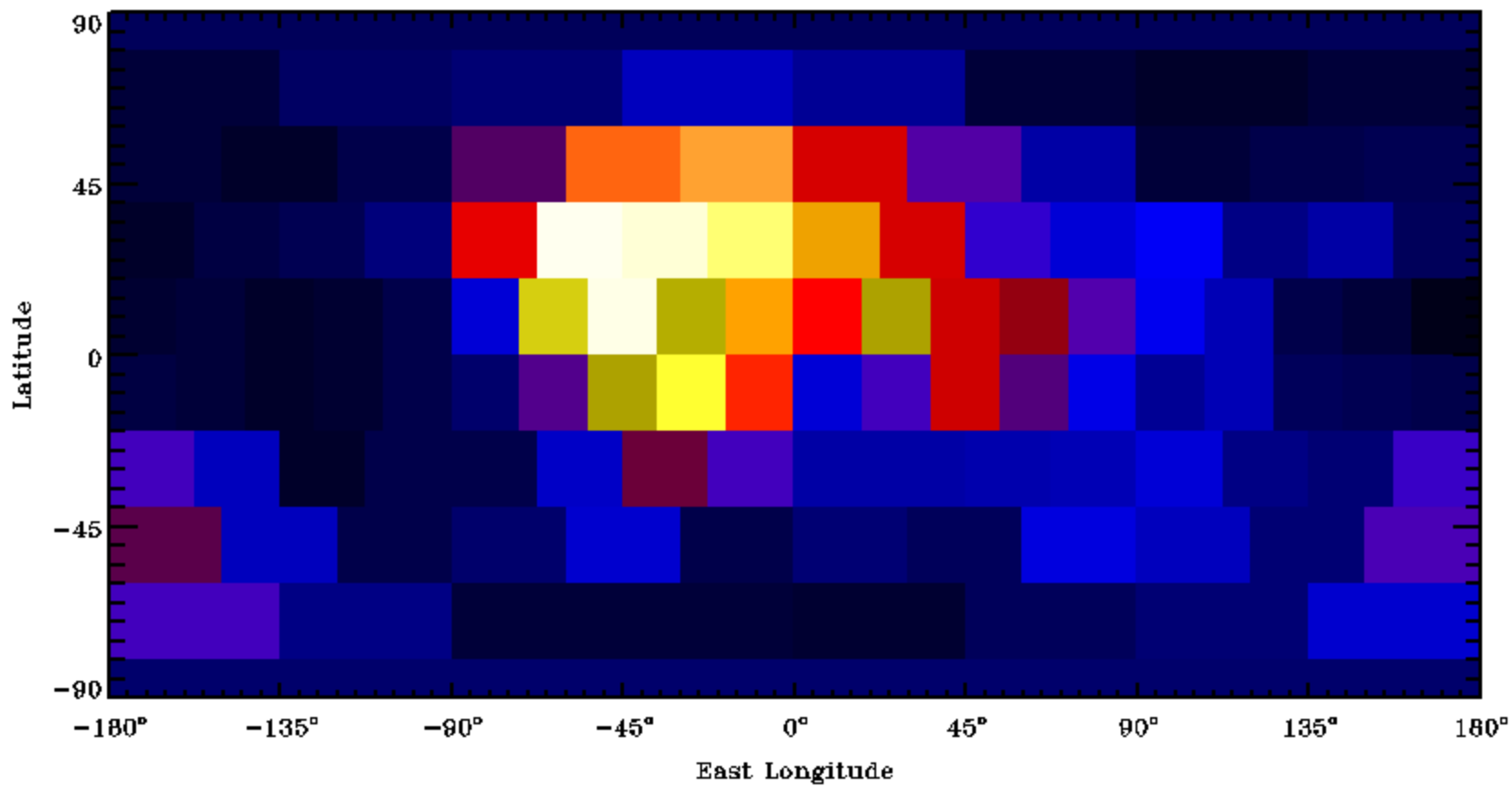
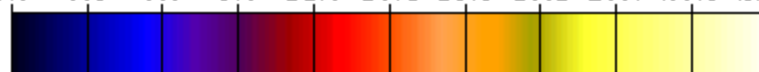
Correlations

- LEGEND**
- Abundances determined by GRS_FIT
 - Soils, regolith breccias, and meteorite compositions

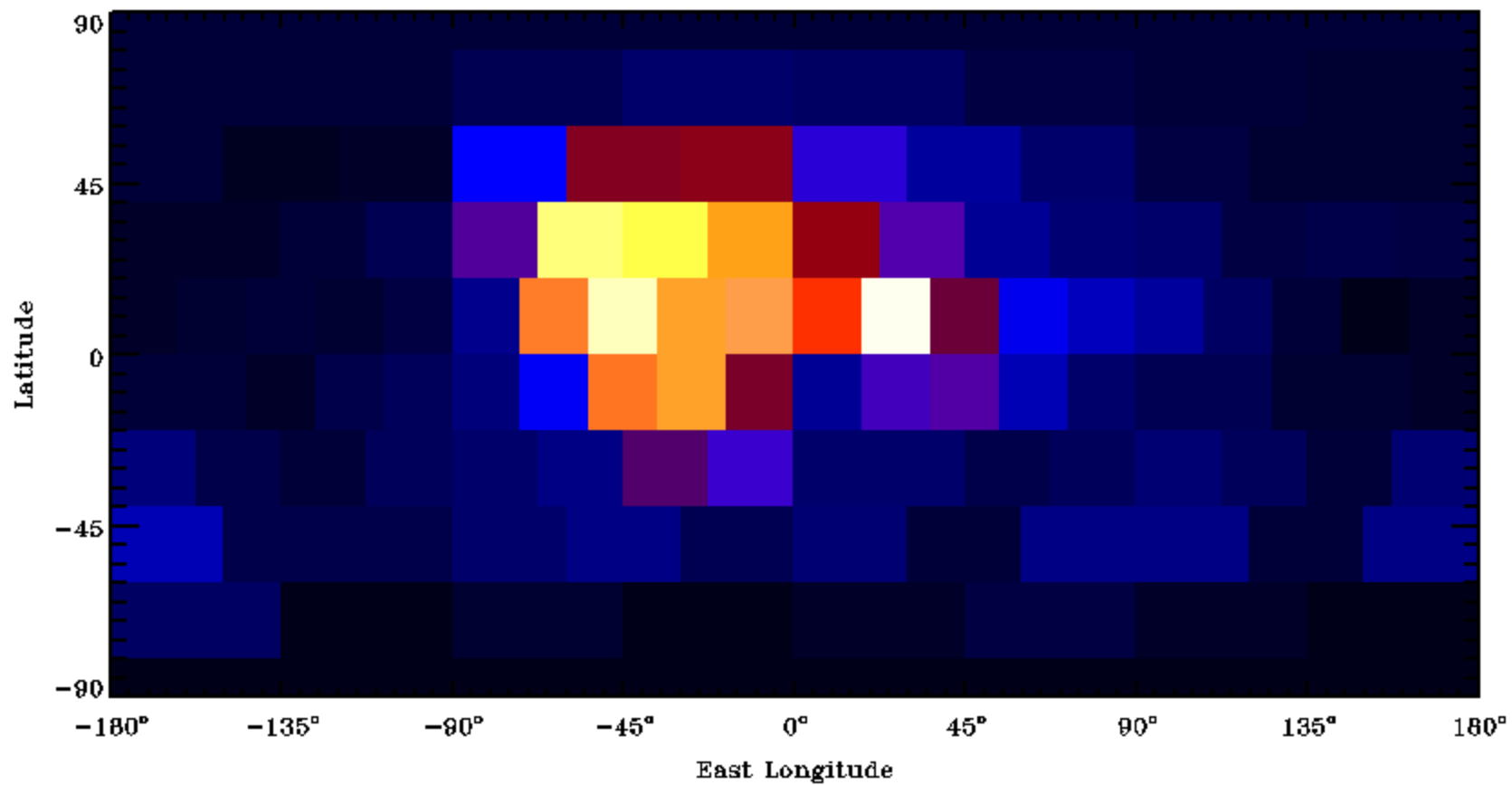
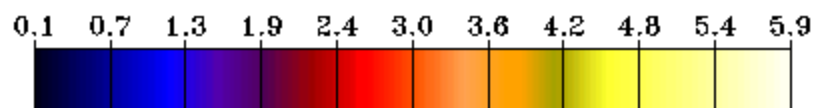


FeO (% g/g)

3.9 5.8 7.7 9.6 11.5 13.4 15.3 17.1 19.0 20.9 22.8

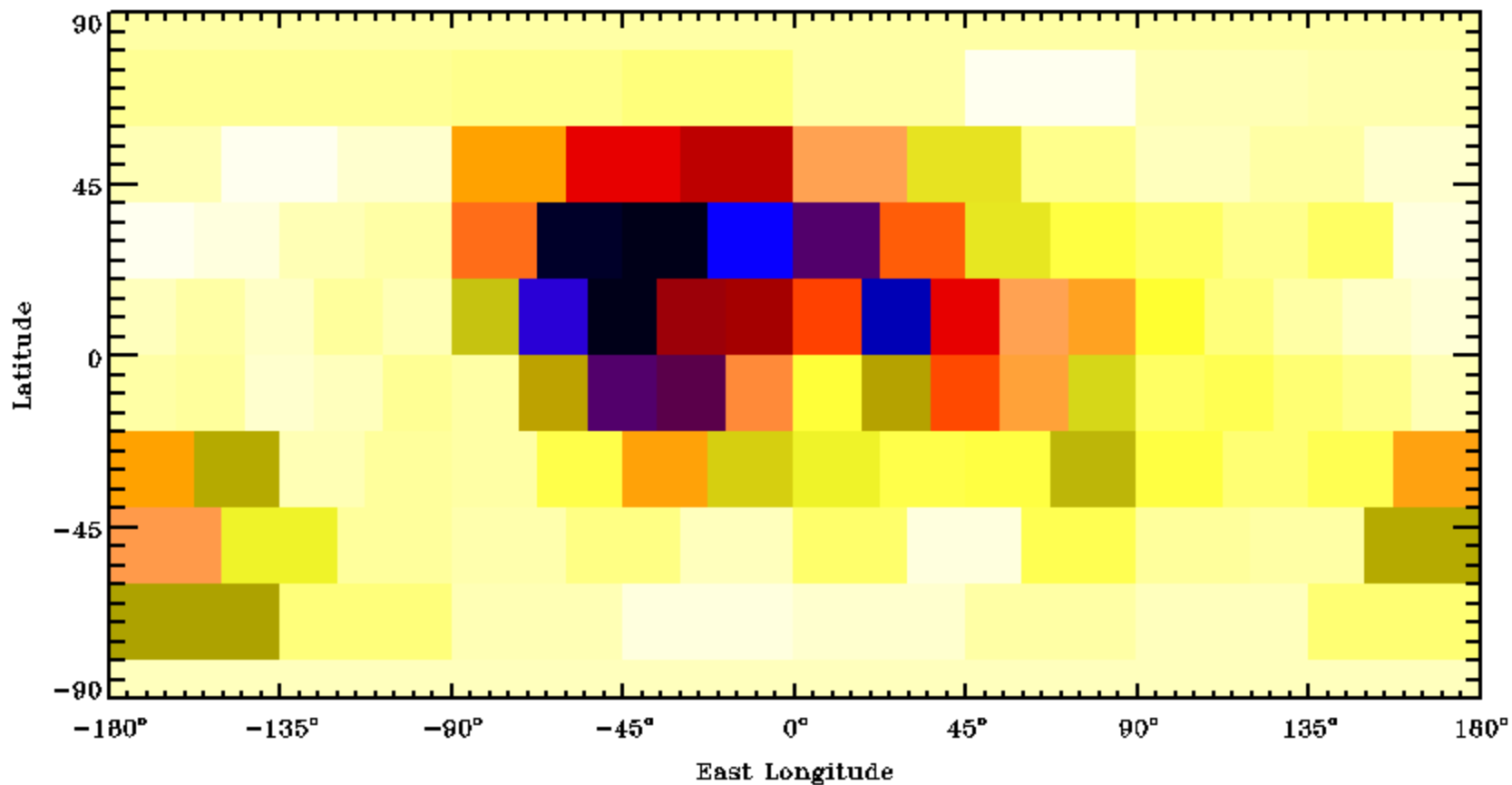


TiO₂ (% g/g)

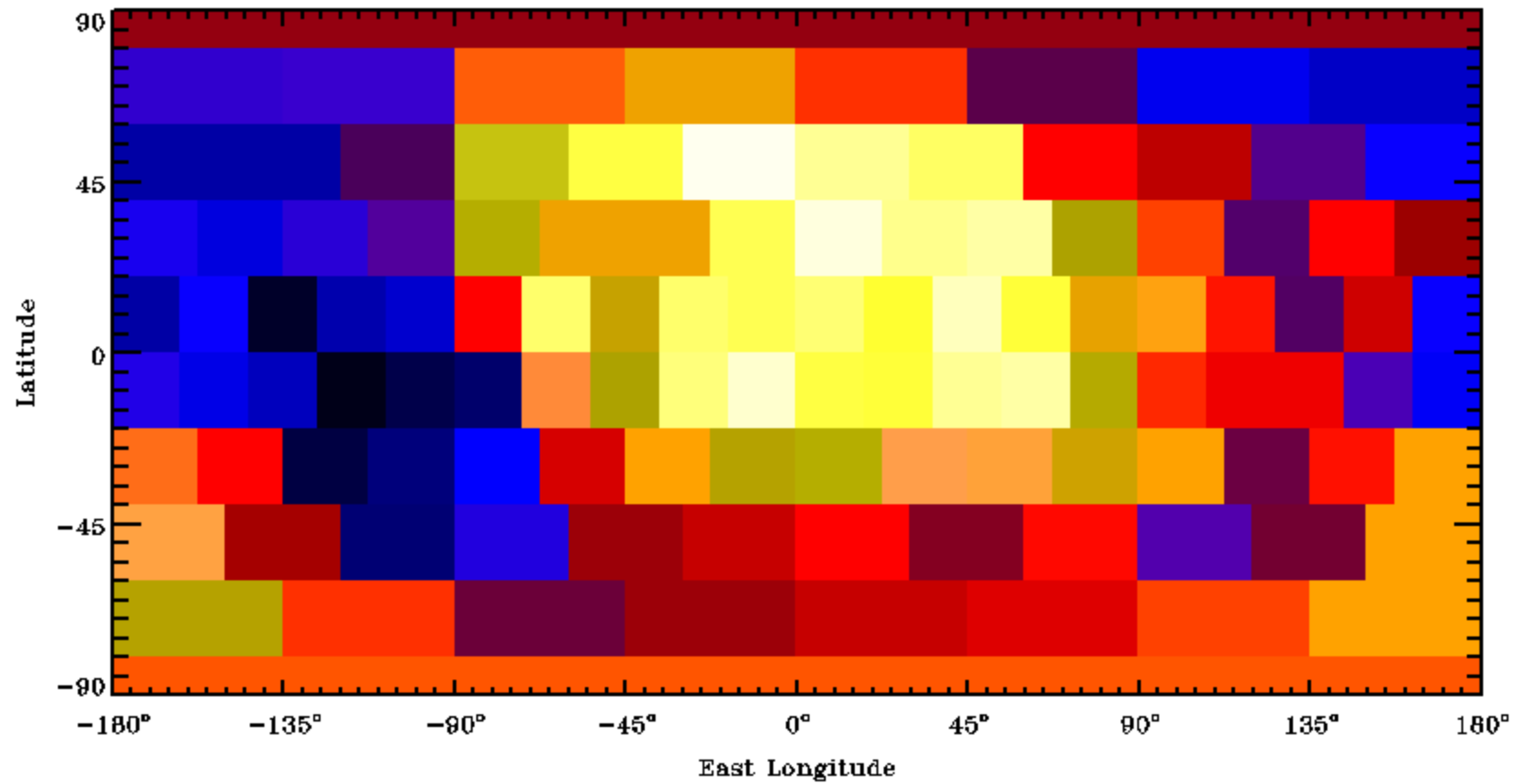
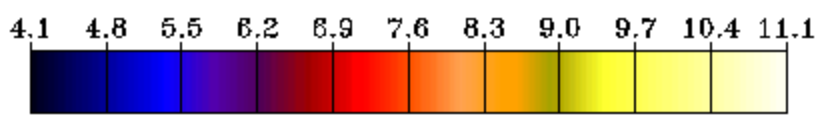


Al2O3 (% g/g)

7.9 10.0 12.1 14.2 16.3 18.4 20.5 22.6 24.7 26.8 28.9

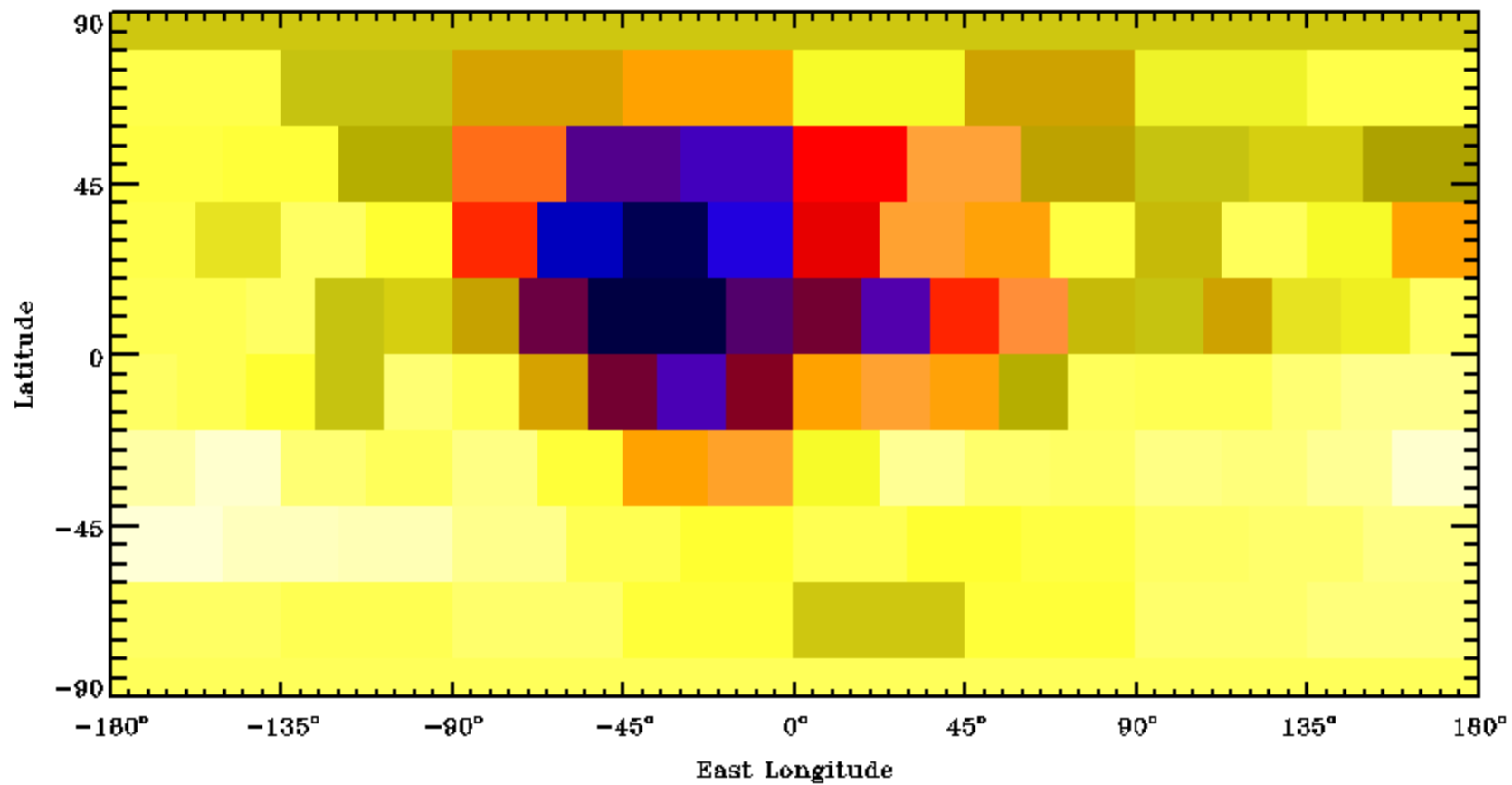
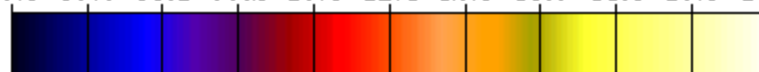


MgO (% g/g)



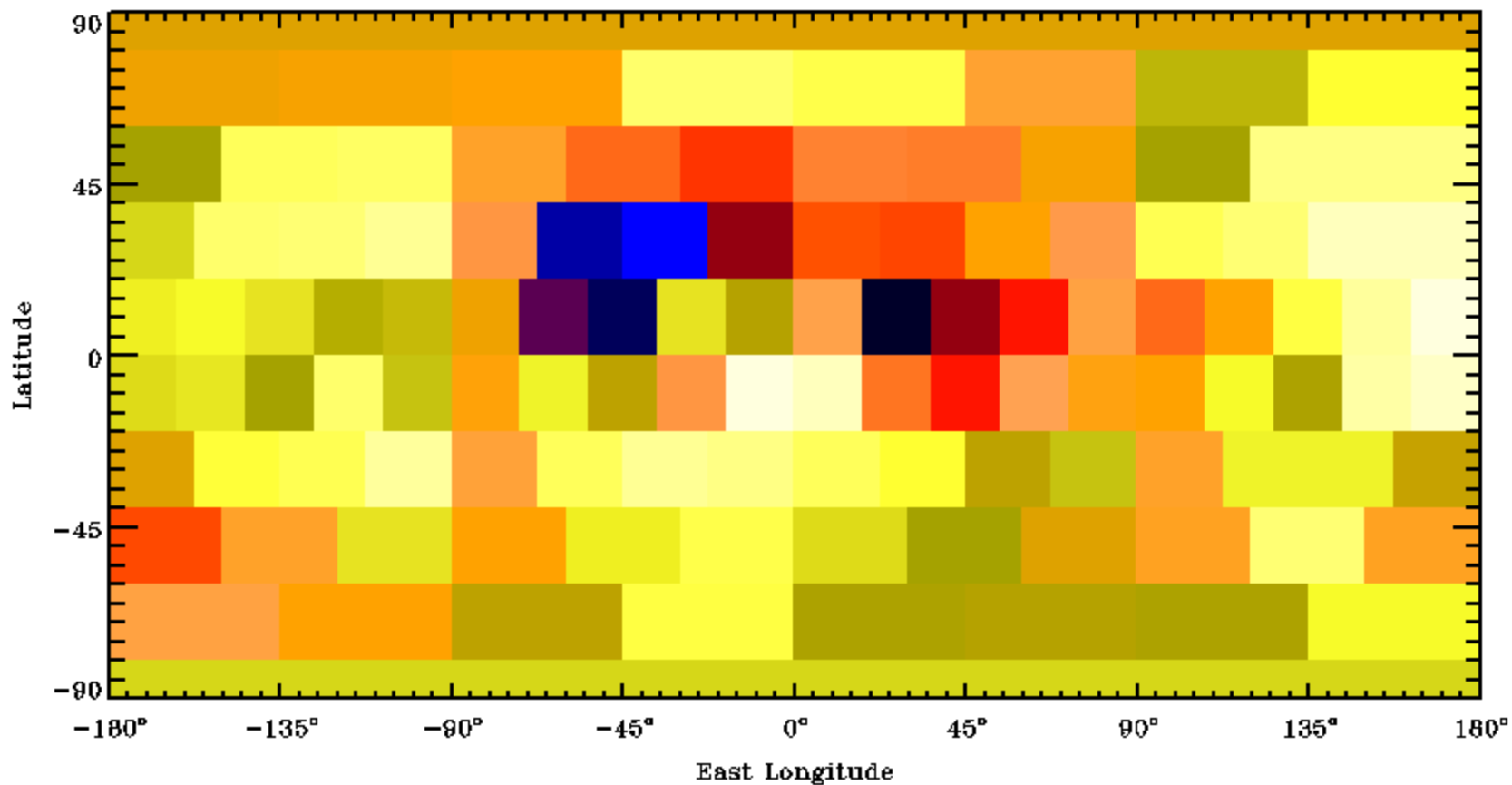
SiO₂ (% g/g)

35.9 37.0 38.1 39.2 40.3 41.4 42.5 43.7 44.8 45.9 47.0

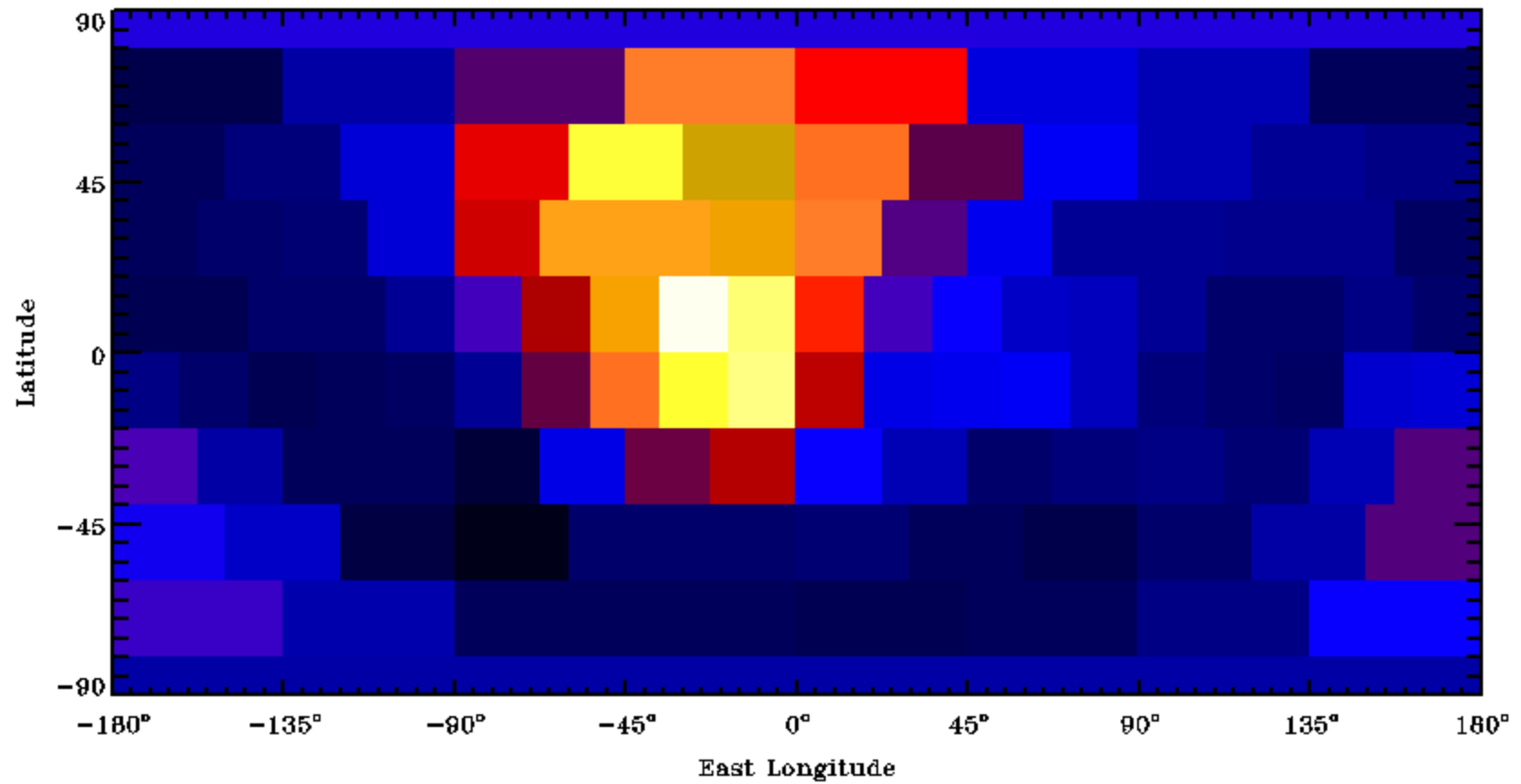
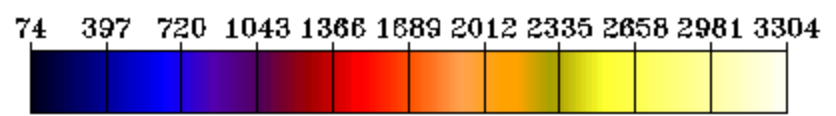


CaO (% g/g)

11.7 12.3 12.9 13.5 14.1 14.7 15.4 16.0 16.6 17.2 17.8



K (ppm g/g)



Th (ppm g/g)

0.13 1.05 1.97 2.89 3.81 4.72 5.64 6.56 7.48 8.40 9.32

