

Quick Look

LUNAR-ELEMENTAL-ABUNDANCE-MAP-2-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.

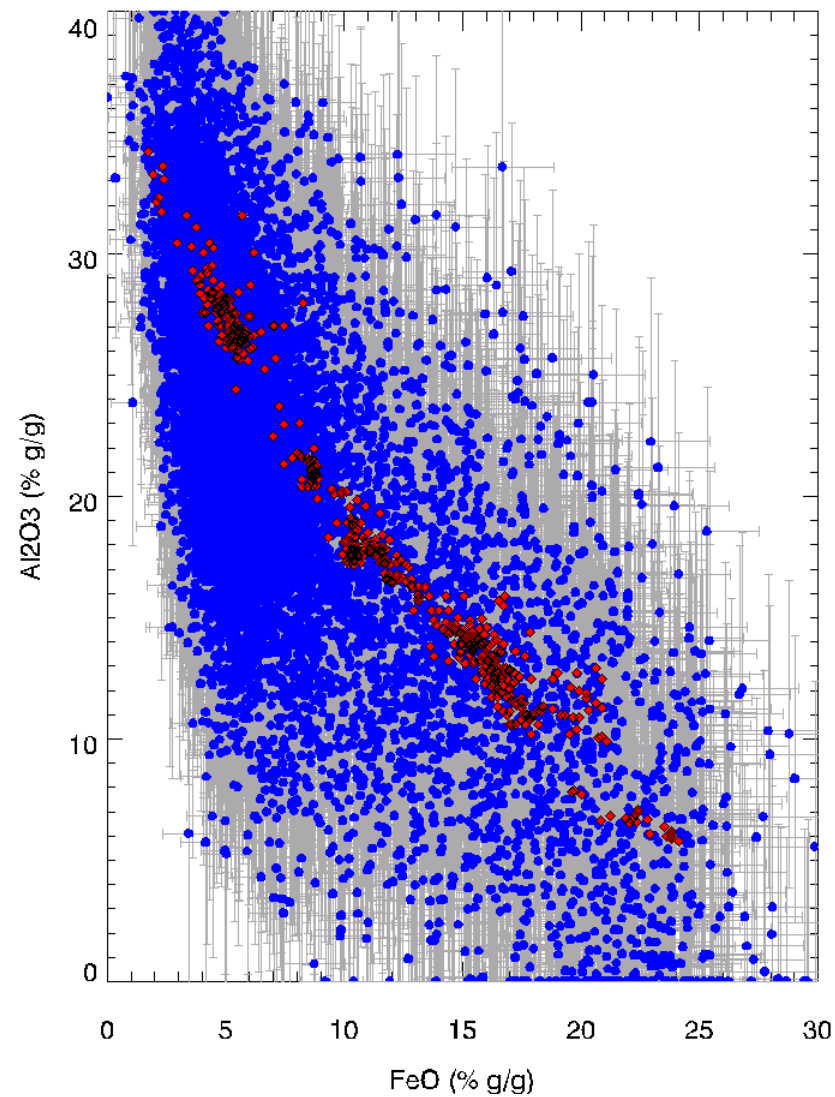
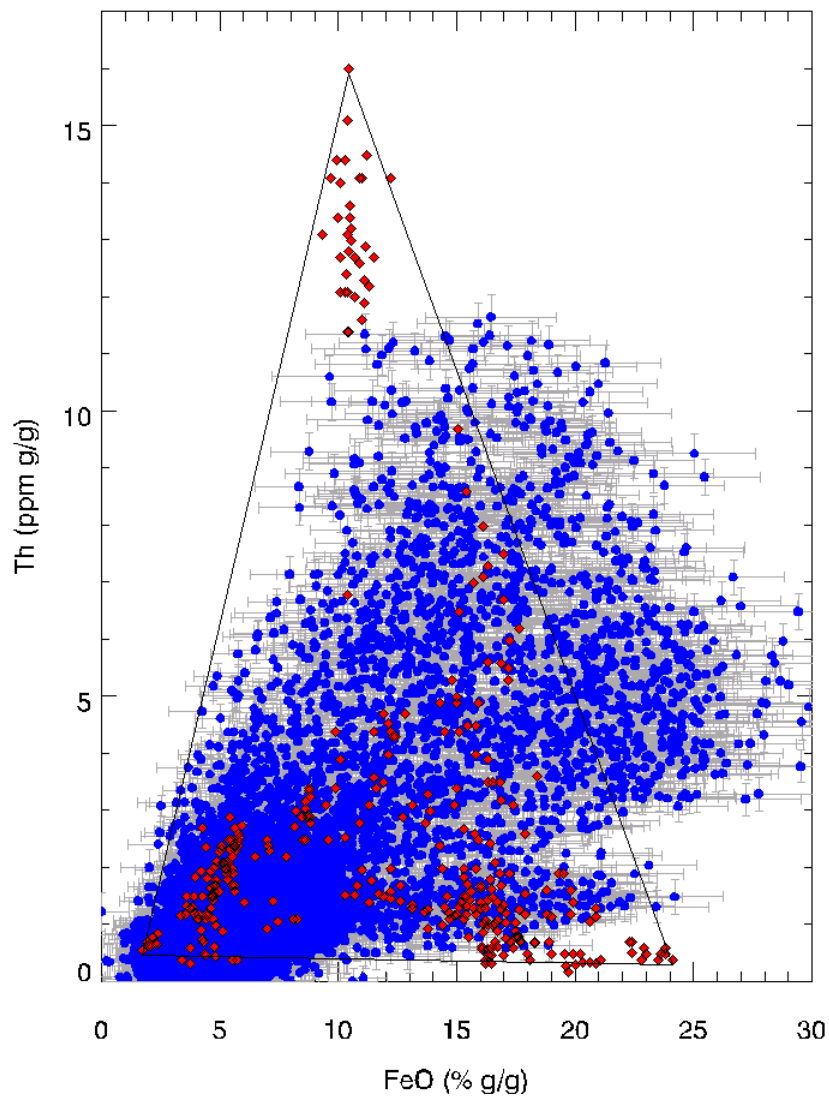
Correlations

LEGEND



Abundances determined by GRS_FIT

Soils, regolith breccias, and meteorite compositions

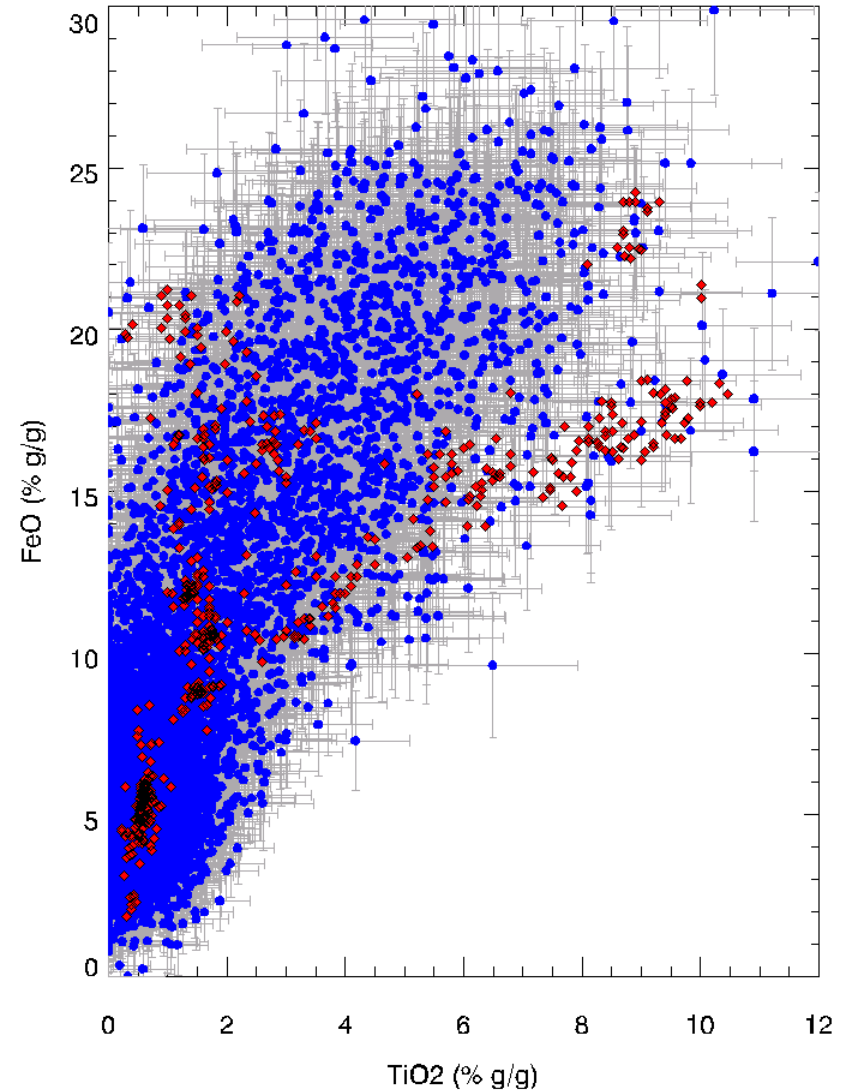
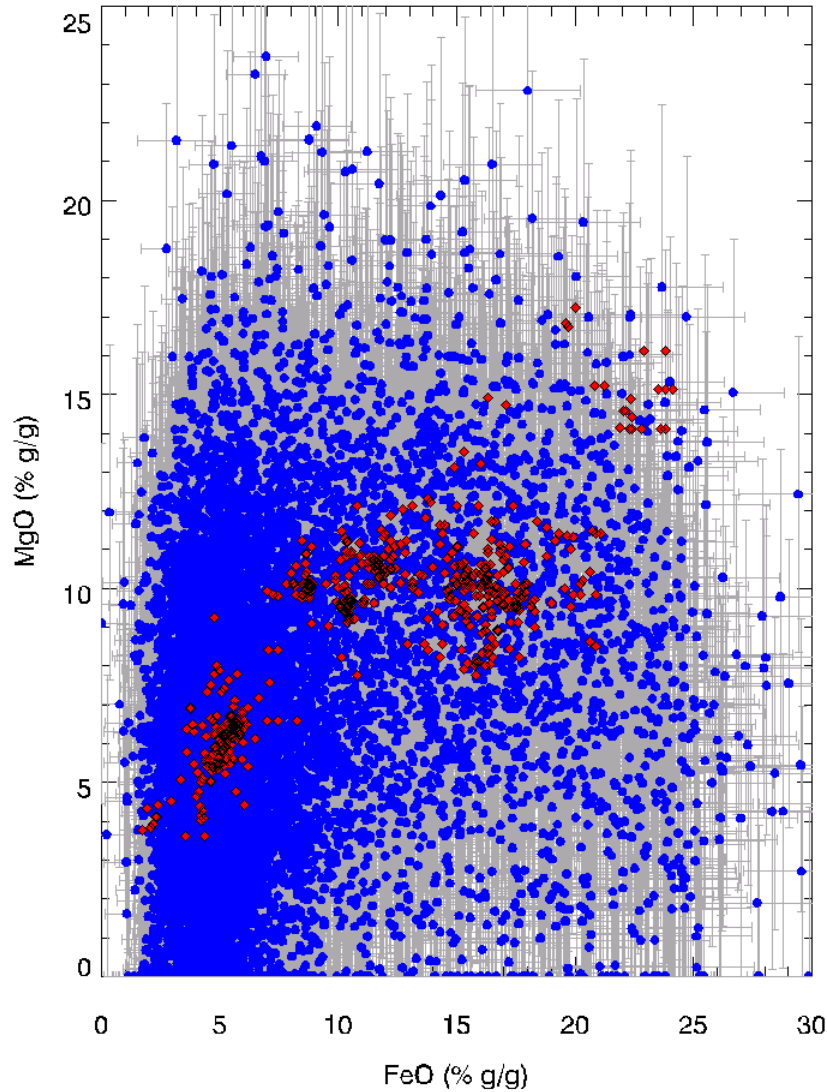


Correlations

LEGEND



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

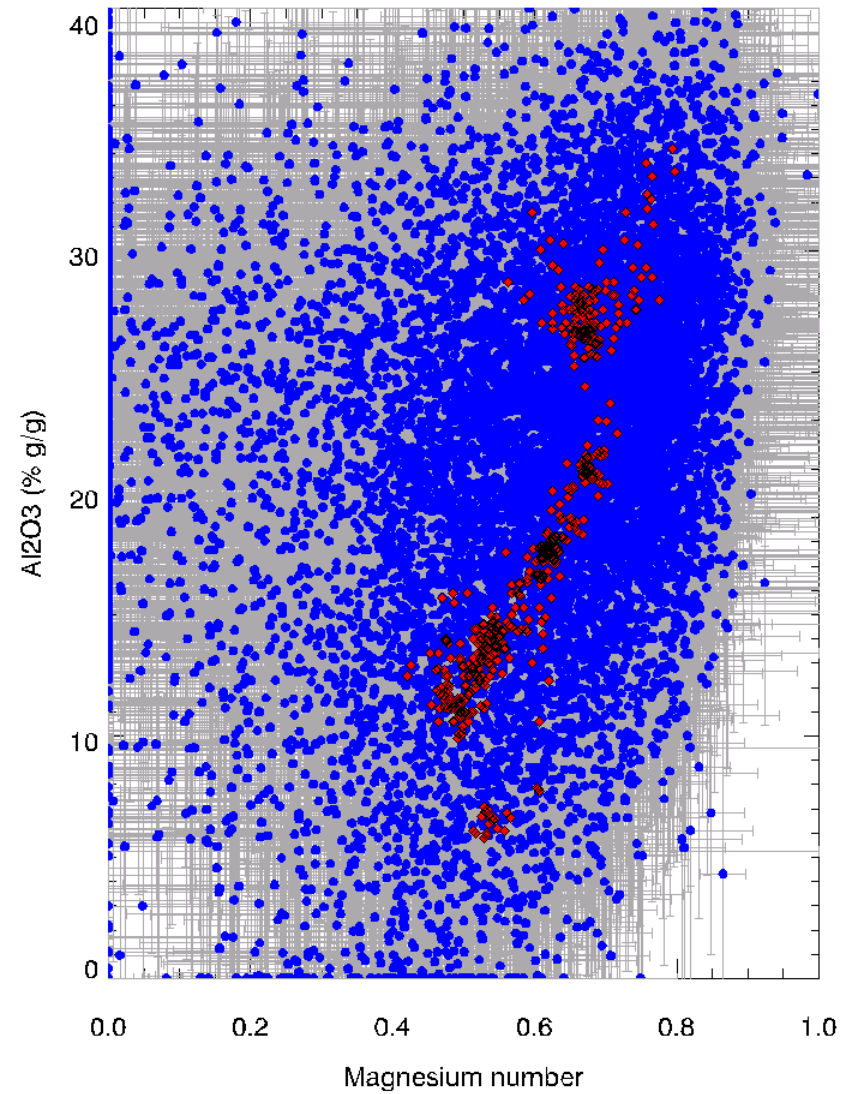
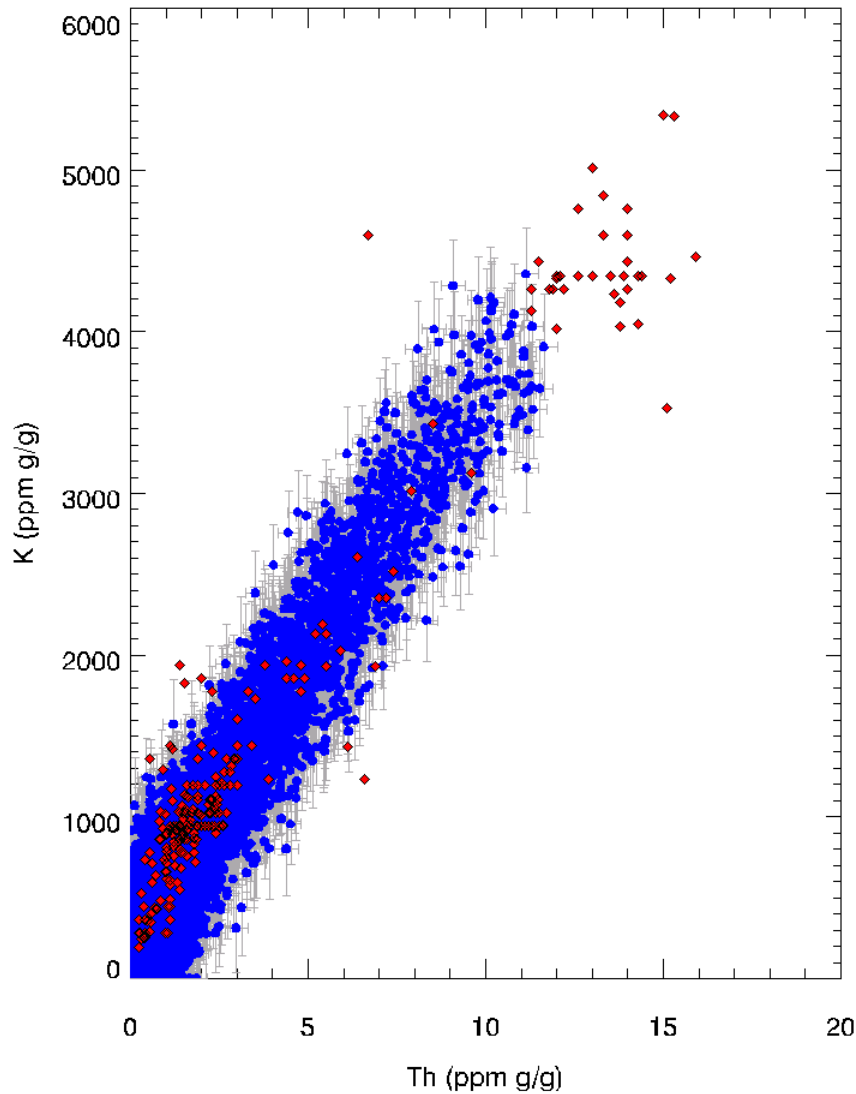


Correlations

LEGEND



Abundances determined by GRS_FIT
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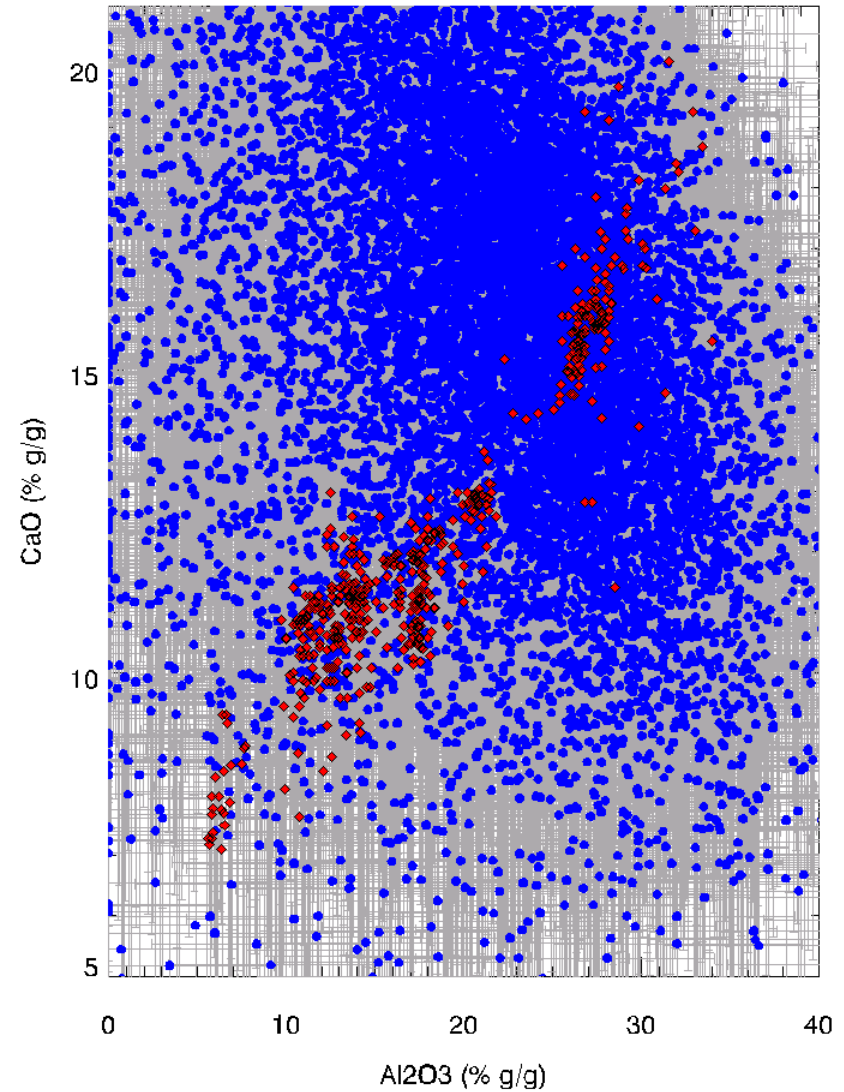
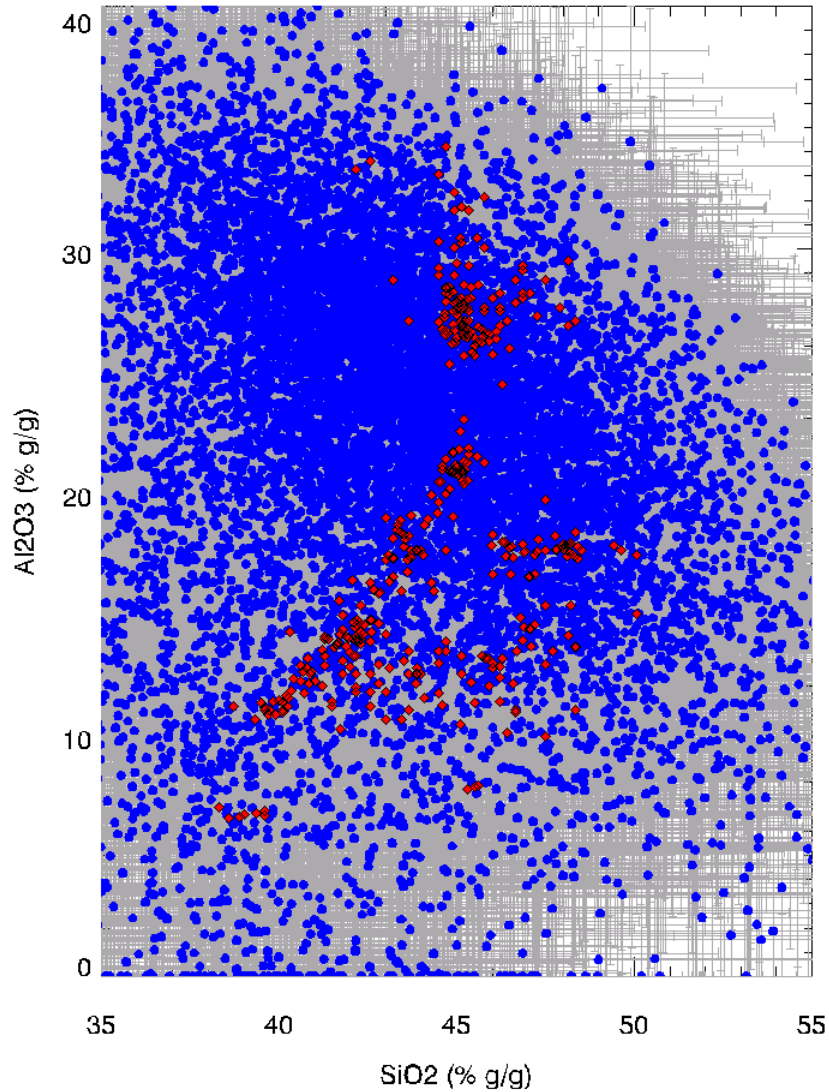


Correlations

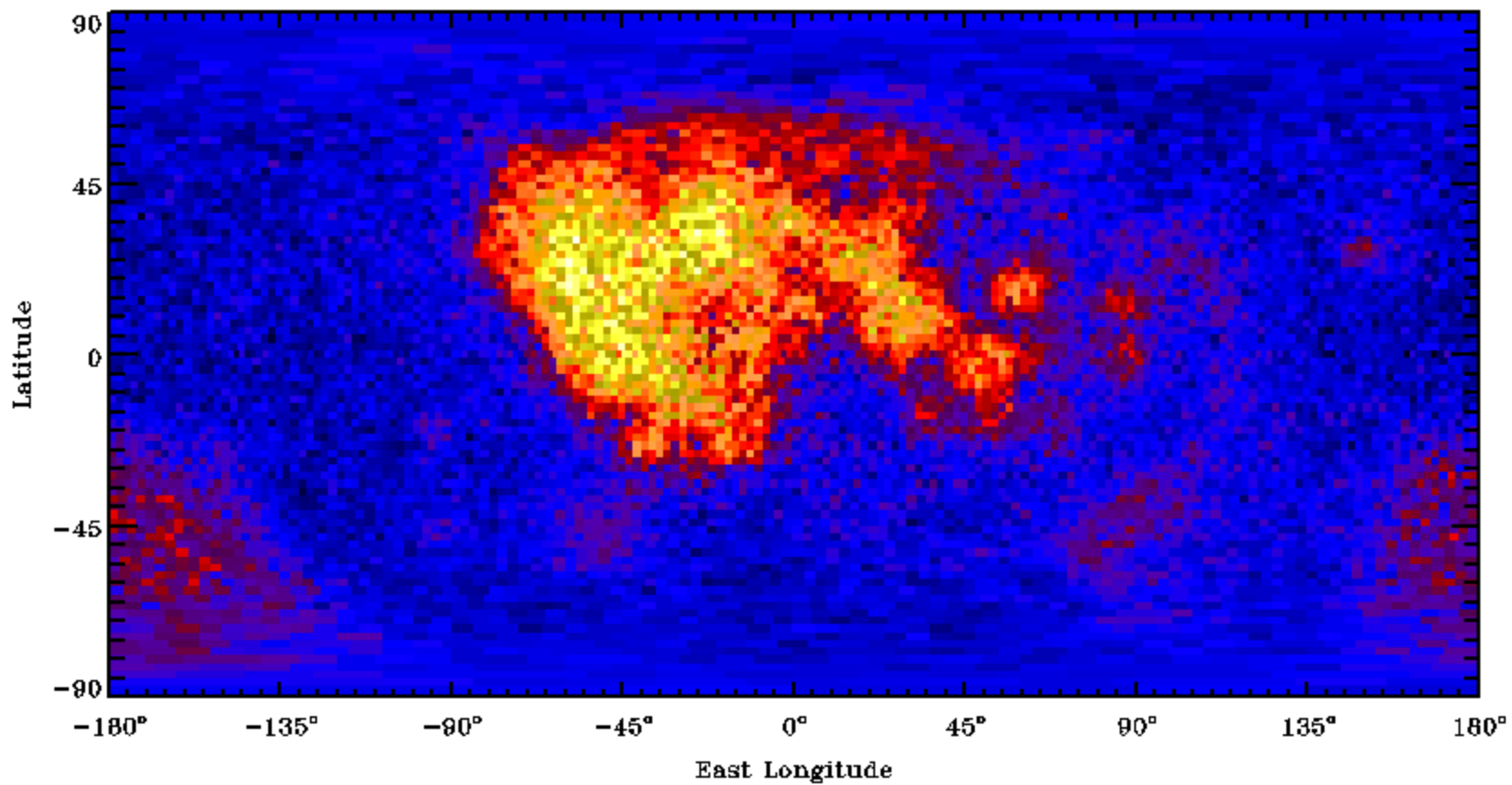
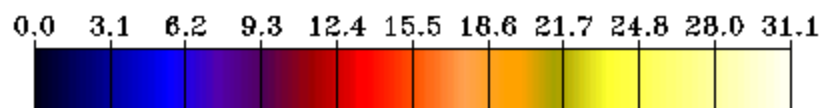
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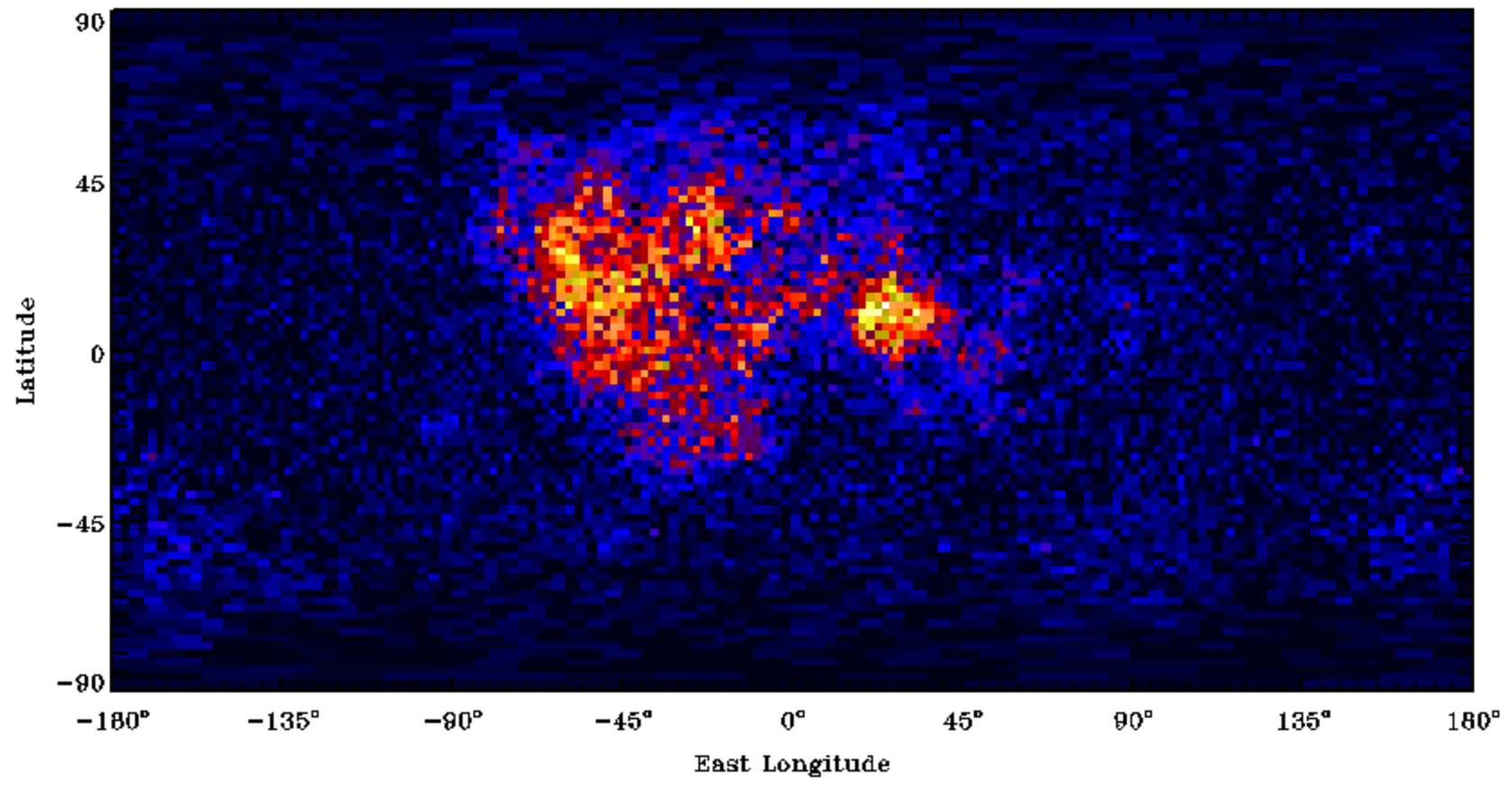
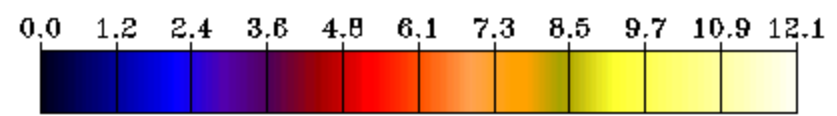
Abundances determined by GRS_FIT
Soils, regolith breccias, and meteorite compositions



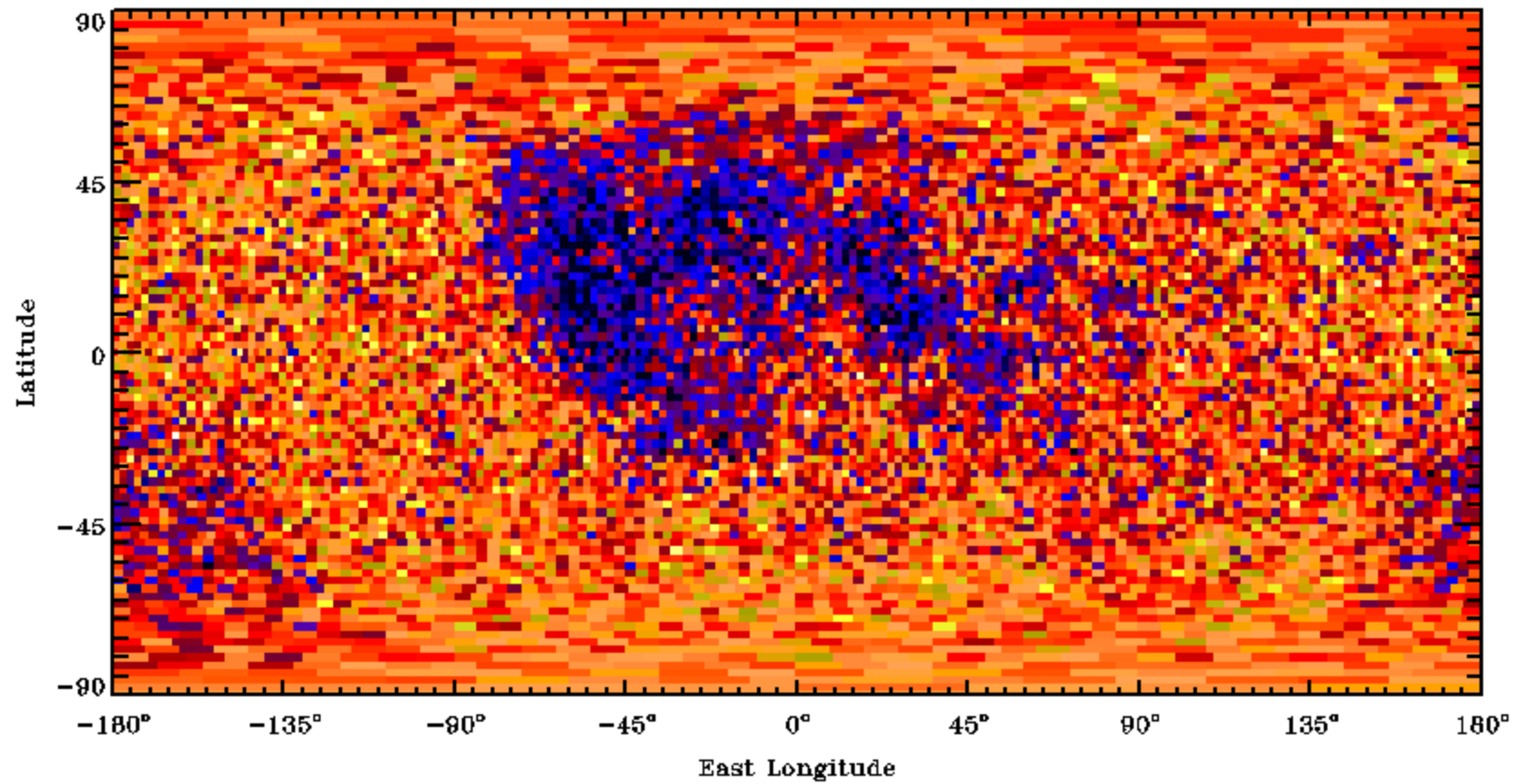
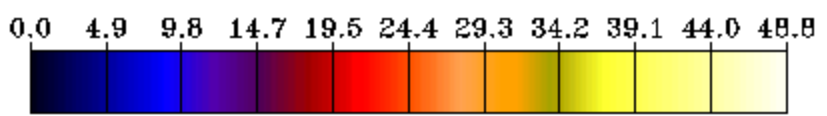
FeO (% g/g)



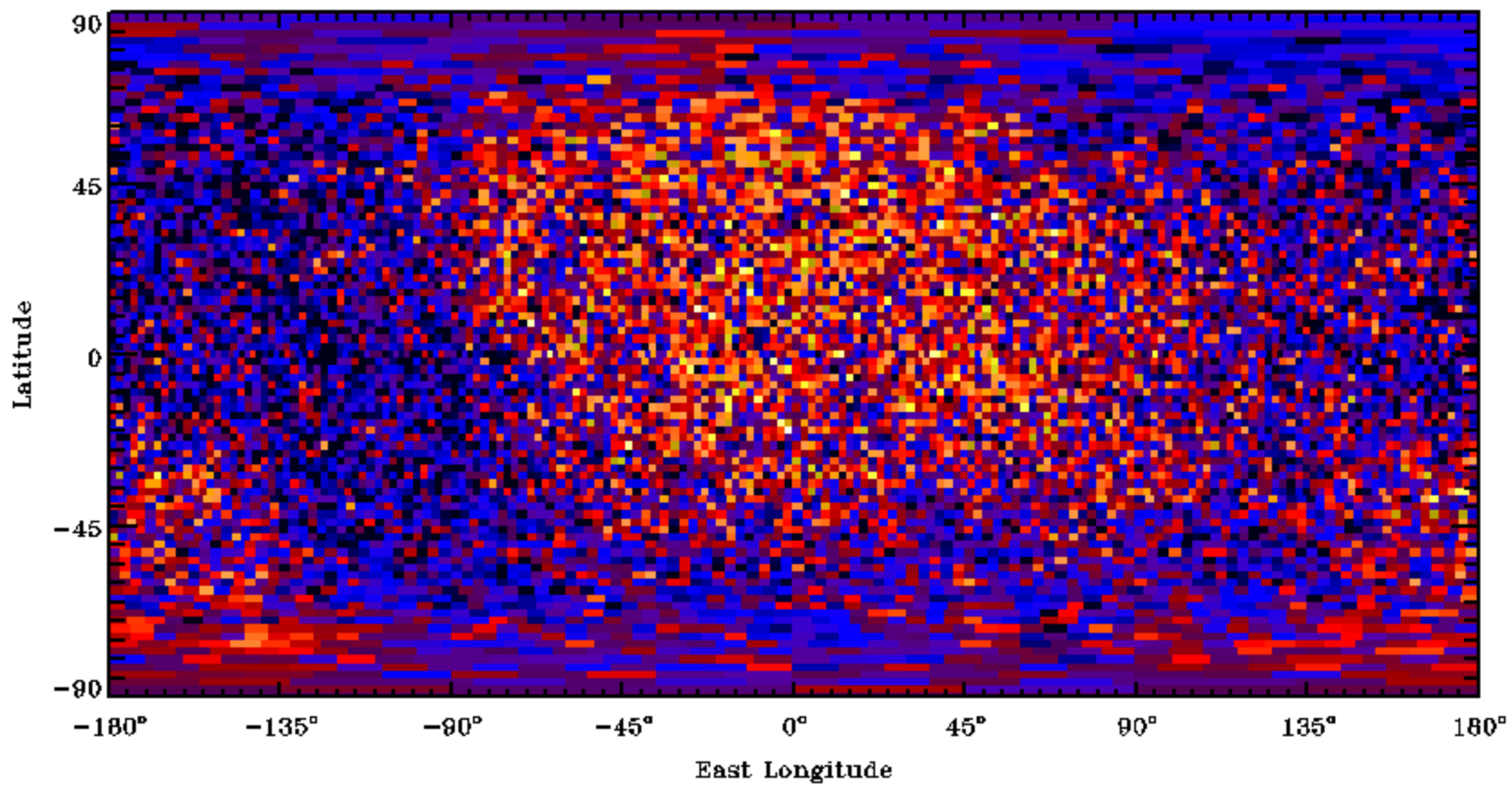
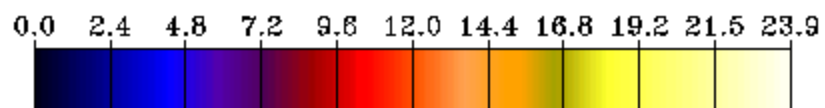
TiO₂ (% g/g)



Al2O3 (% g/g)

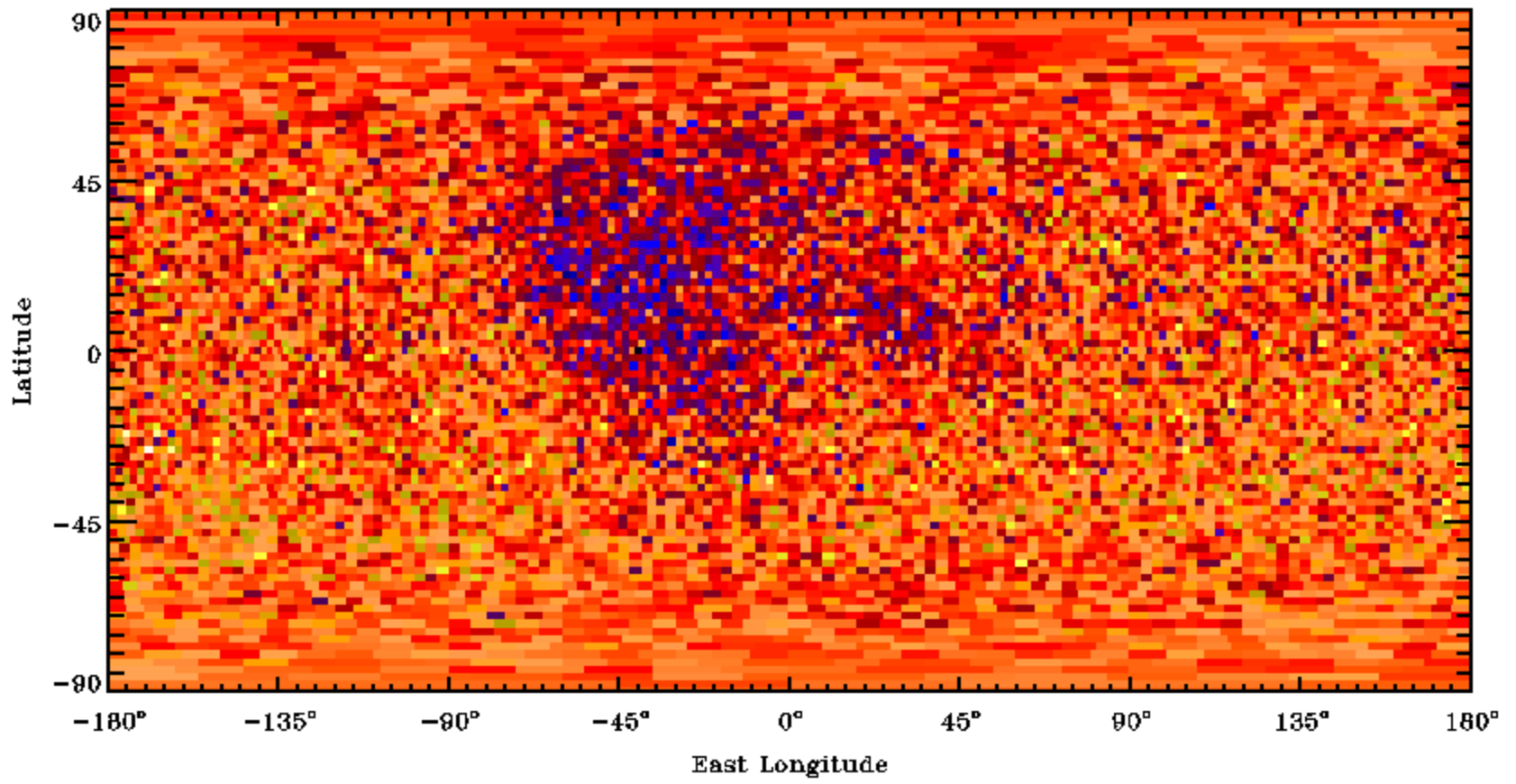


MgO (% g/g)

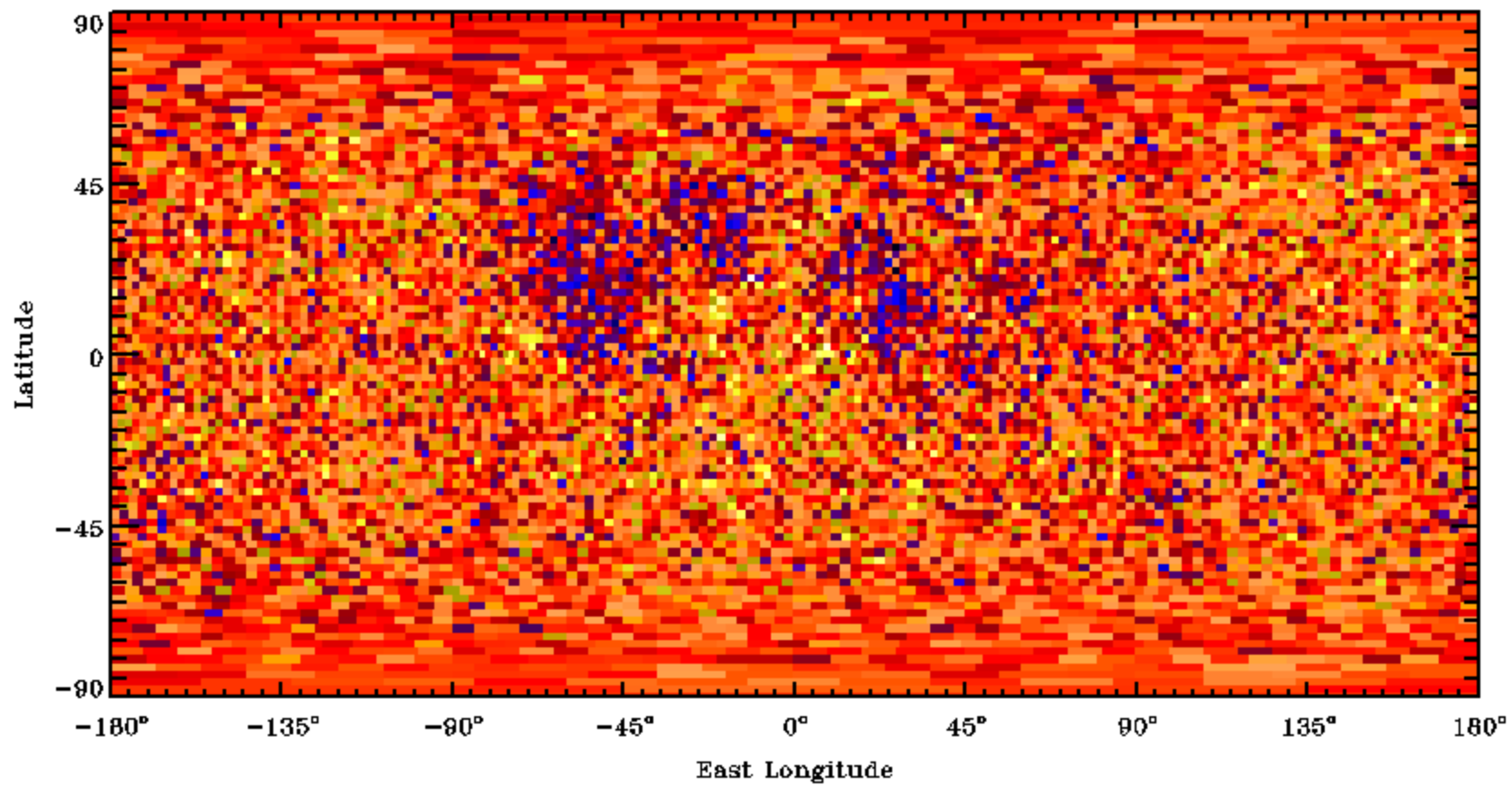
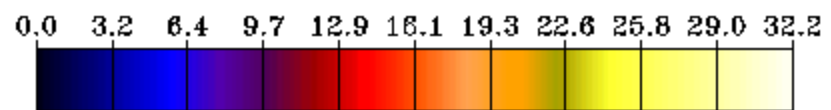


SiO₂ (% g/g)

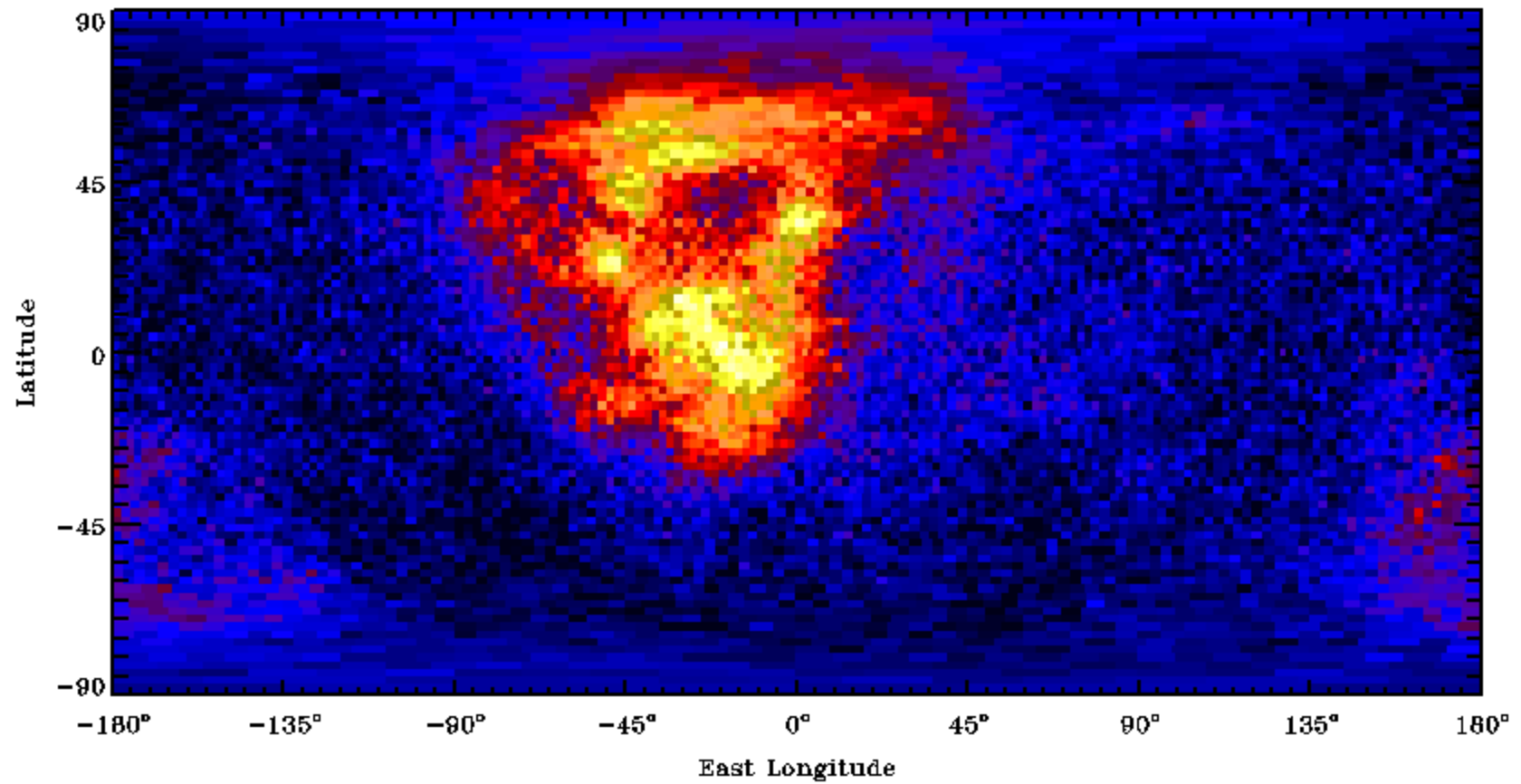
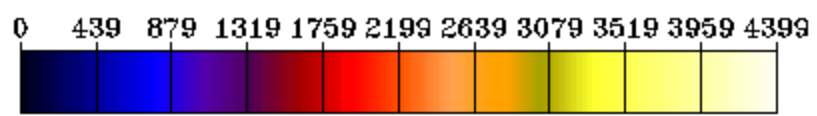
20.4 25.0 29.7 34.4 39.1 43.7 48.4 53.1 57.8 62.4 67.1



CaO (% g/g)



K (ppm g/g)



Th (ppm g/g)

0.00 1.18 2.35 3.53 4.71 5.89 7.06 8.23 9.41 10.58 11.76

