Sample Information Sheet

Sample ID: C2027,3,32,2,6

Sample type: microtome sections

Type of analysis performed: TOF-SIMS

Performed by: Thomas Stephan

State of sample pre-analysis: ok

State of sample post-analysis:
few monolayers consumed, Ar and Ga implanted

Minerals or other phases identified:

- Mg-rich pyroxene

References:

Stephan T. and van der Bogert C. H. (2008) *Lunar Planet. Sci.* **39,** #1508.

Elemental composition:

Atomic element ratios relative to Mg = 100*

Element	C2027,3,32,2,6
Li	0.0122(5)
O	460(10)
Na	0.408(2)
Mg	100.0(1)
Al	2.76(6)
Si	121.2(2)
K	0.0252(5)
Ca	2.07(1)
Sc	0.0032(4)
Ti	0.119(7)
V	0.017(1)
Cr	1.71(1)
Mn	0.792(7)
Fe	4.69(3)
Co	0.055(3)
Ni	0.05(2)

*All errors are 1σ, given as last significant digit in parentheses.

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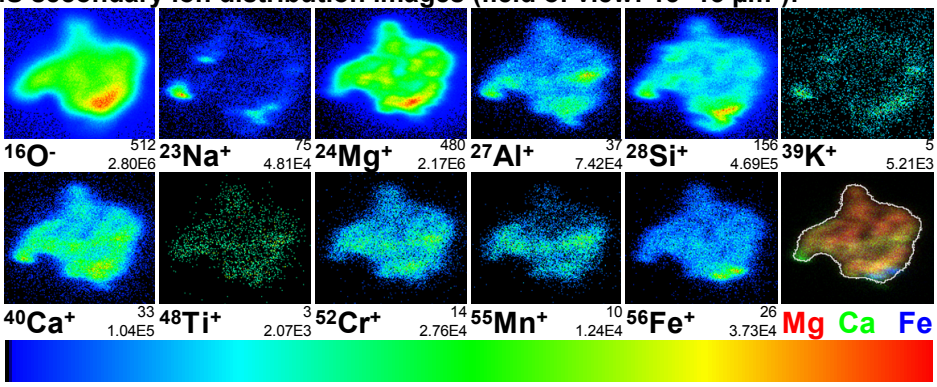
TOF-SIMS secondary ion distribution images (field of view: 15×13 μm^2):