

Electronic Supplementary File

1. Depth profiles of elements imaged in this study

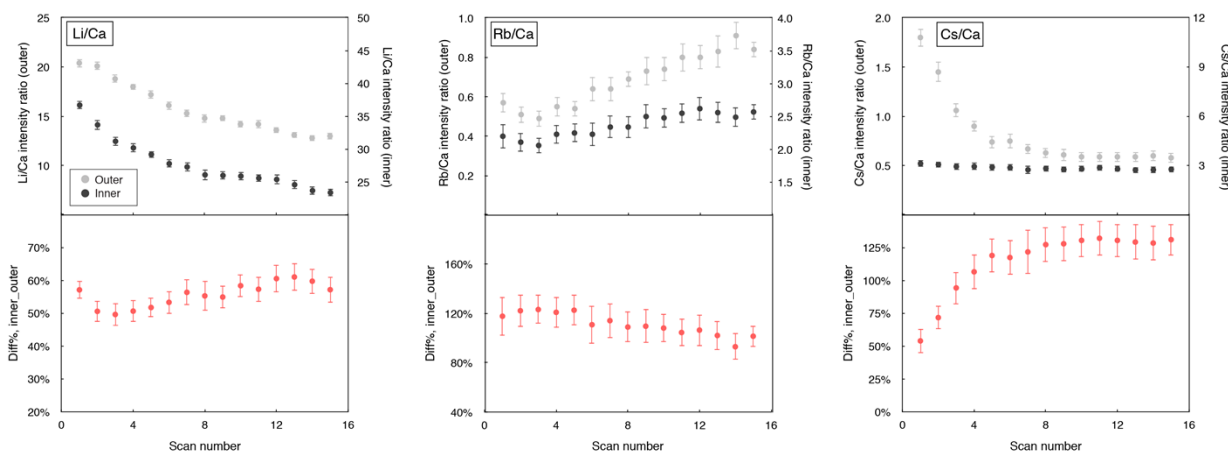


Fig. S1 Alkaline metal composition depth profiles.

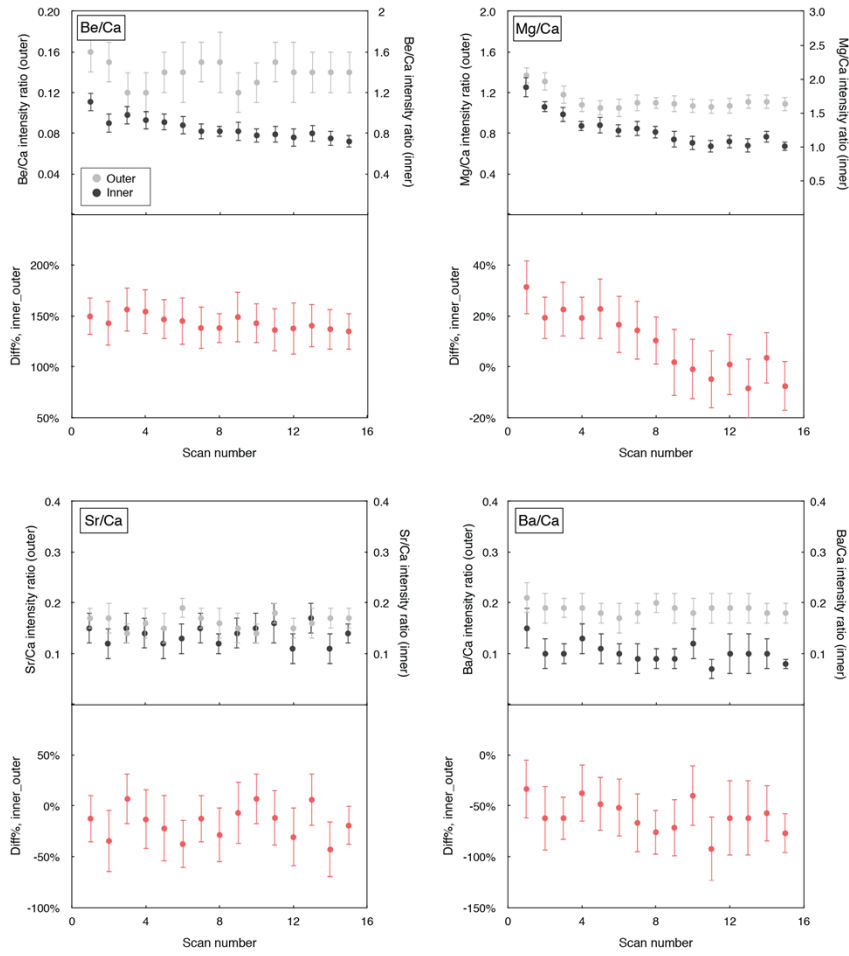


Fig. S2 Alkaline earth metal composition depth profiles.

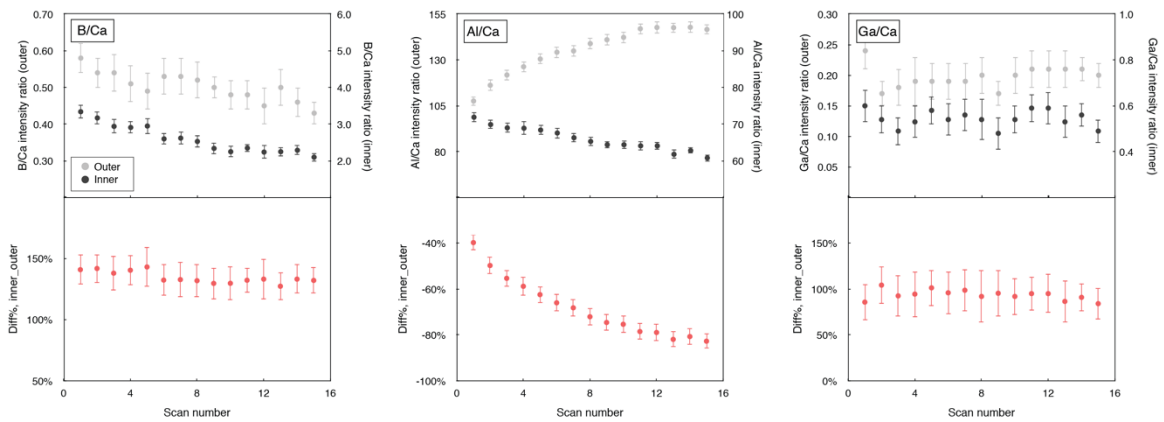


Fig. S3 B-Al-Ga composition depth profiles.

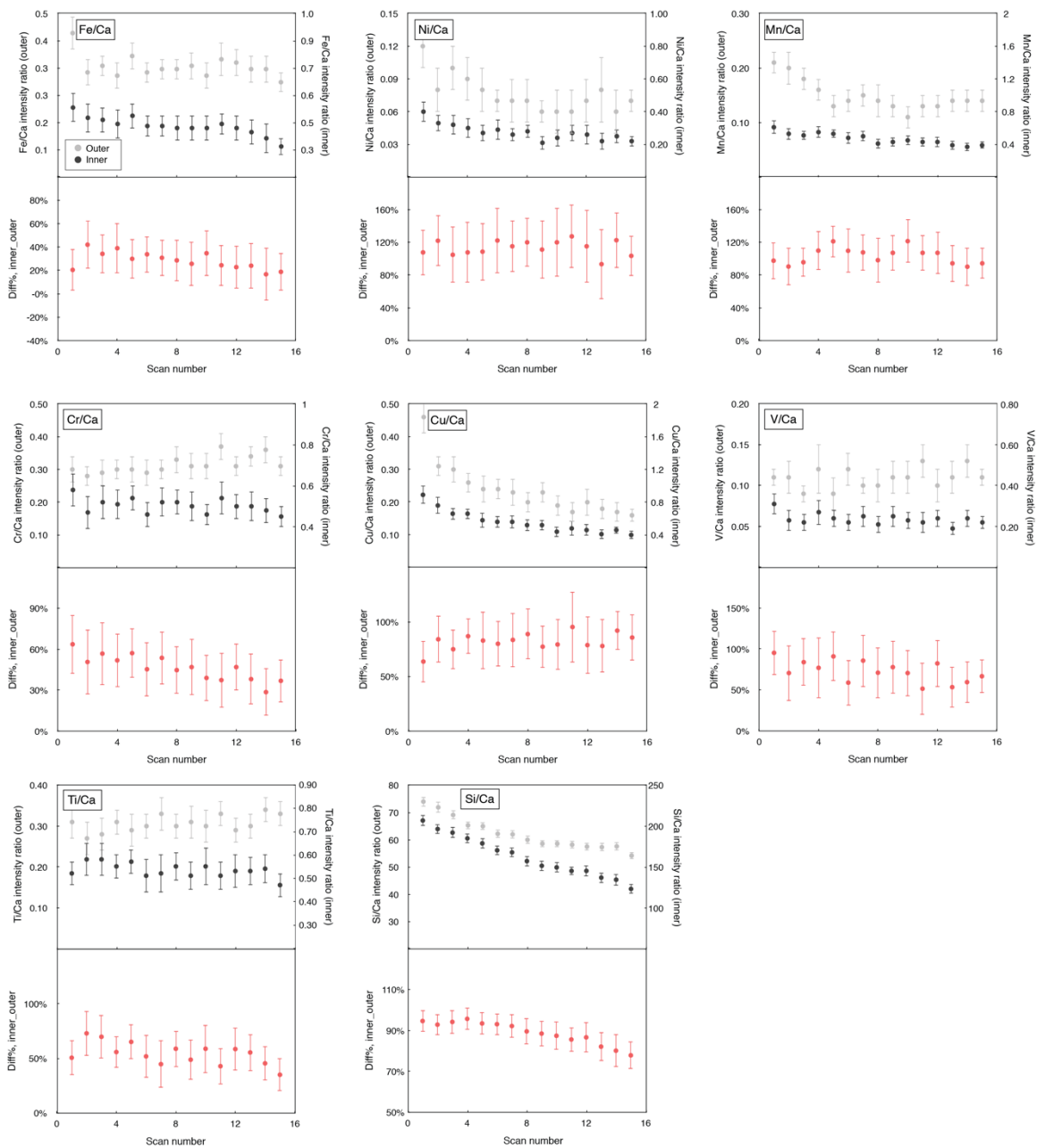


Fig. S4 Transition metal and Si composition depth profiles.

2. First and last integrated scans of X/Ca in the condensate blanket

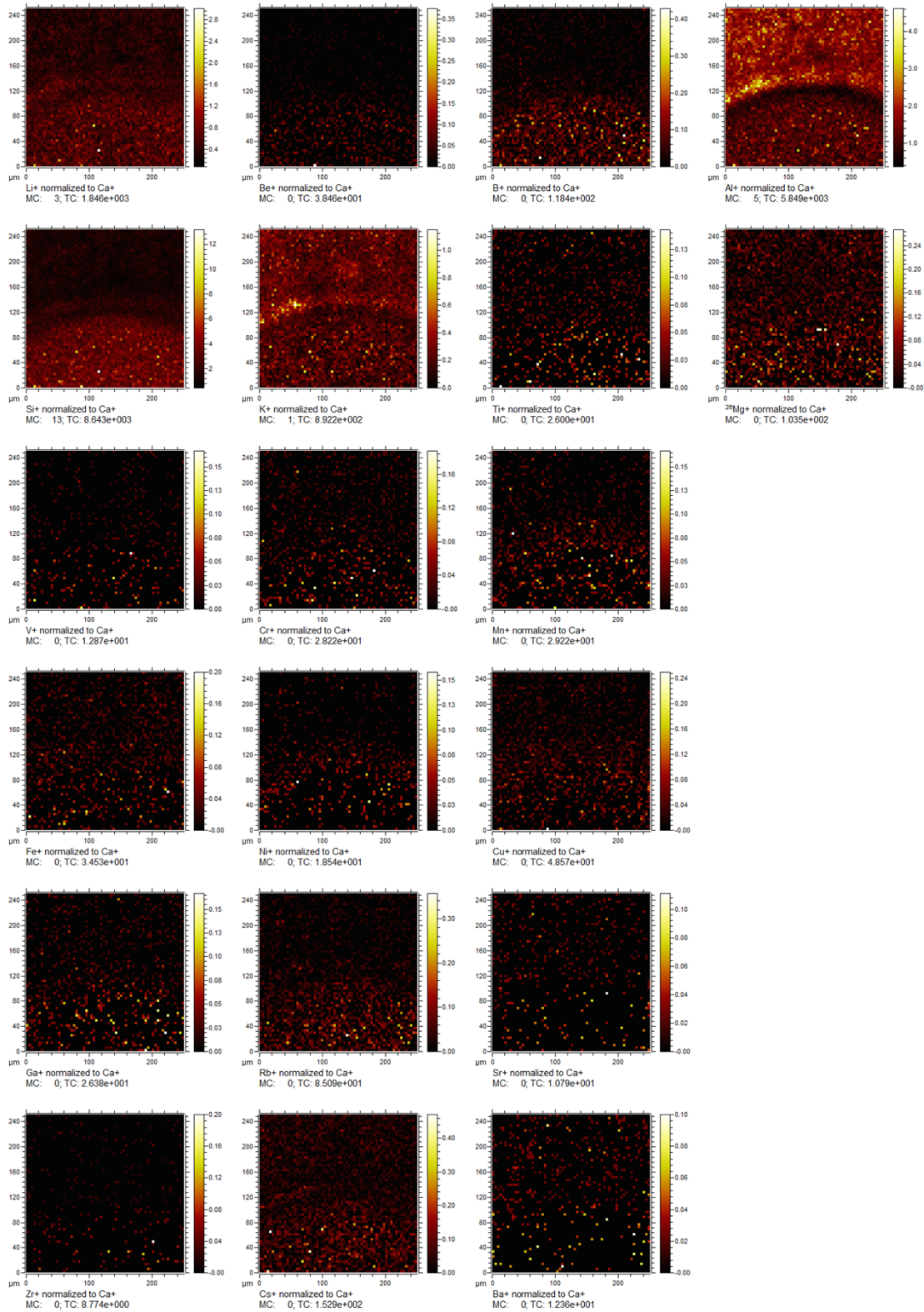


Fig. S5 X/Ca distributions across the condensate blanket (first integrated scan).

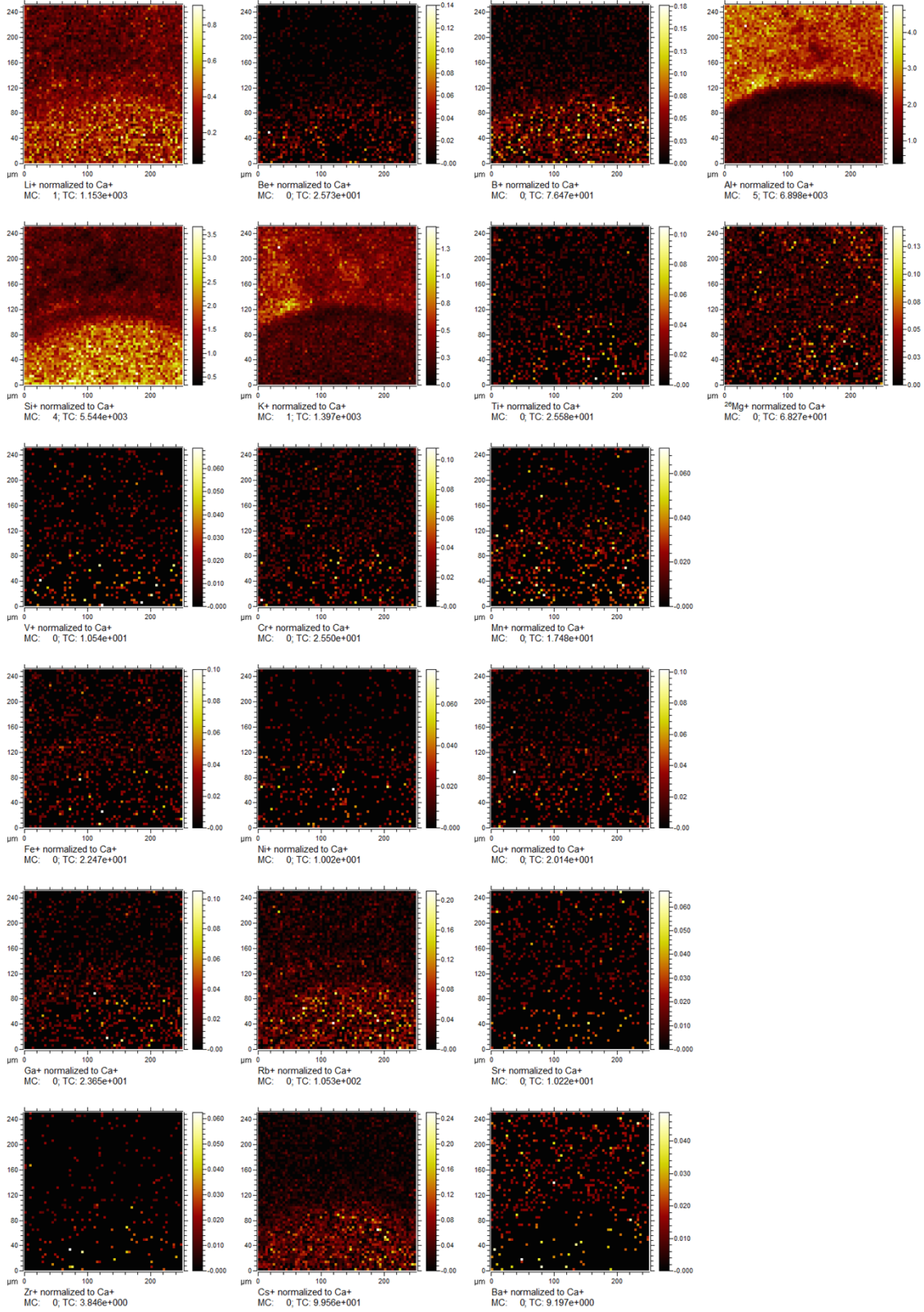


Fig. S6 X/Ca distributions across the condensate blanket (fifteenth integrated scan).