

Supplementary information

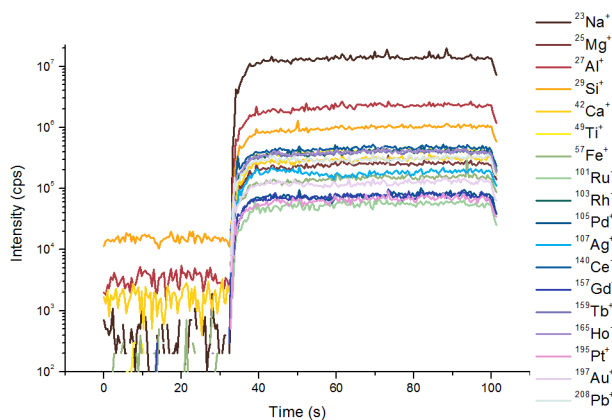


Fig. Transient signal of the ablation of the new material. The repetition rate of the laser was set to 5 Hz, the fluence was 18 J/cm^2 and the crater size $60 \mu\text{m}$.

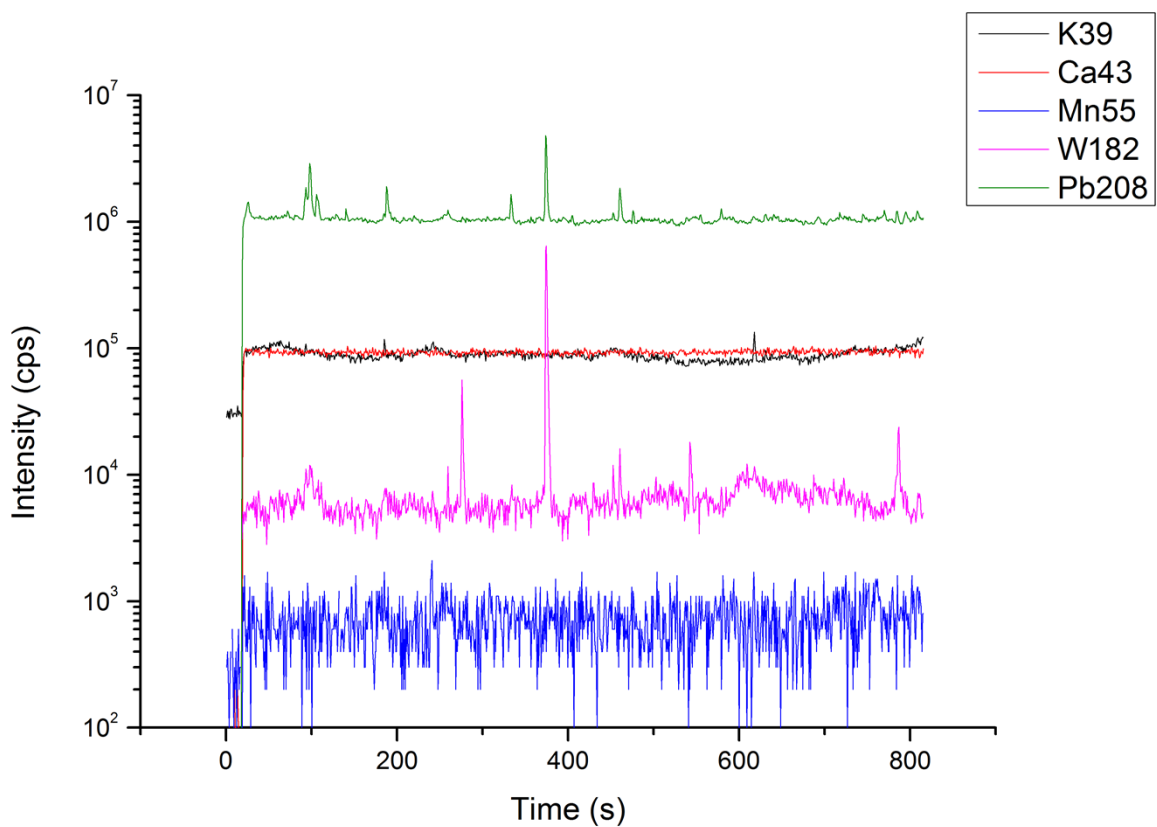


Fig. Linescan ablation of the new material. The repetition rate of the laser was set to 10 Hz, the fluence was 18 J/cm^2 and the crater size $89 \mu\text{m}$. The moving speed was set to $89 \mu\text{m/s}$. Data from UTAS