

## PRINT ONLY

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[Nitrogen Isotope Fractionation in  \$N\_2\$ -CHX Plasma: Cosmochemical Implications](#) [#6410]

We have attempted plasma discharge experiments with aliphatic and aromatic nitrogen bearing molecules in the presence (or not) of  $N_2$ . Large isotopic variations ( $-180\%$ ,  $+120\%$ ) are observed in micrometric organic domains deposited in the plasma.

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[Constraints on Chondrule-Matrix Complementarity from Silicon Isotope Compositions of Components of the Allende CV3 Meteorite](#) [#6245]

Usage of silicon isotopes and major elements to determine chondrule-matrix complementarity of different chondrule types of the CV3 meteorite Allende, where parameters like the Mg# and Mi/Si ratio show distinct variations for various chondrule types.