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**The Hf and W Isotope inventory of sequentially  
leached chondrites**

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The stepwise dissolution of primitive chondritic meteorites allows to investigate component-specific nucleosynthetic anomalies that are otherwise hidden on the bulk rock scale. Here, we present combined Hf and W isotope data for acid leachates of several primitive chondrites, also including some of the first sufficiently precise analyses of p-process <sup>174</sup>Hf and <sup>180</sup>W.

Our data reveal Hf and W isotope compositions for the major isotopes mirroring variable contributions from s- or r-process material, consistent with results of [1] and [2]. In terms of p-process isotopes, no resolvable anomalies in <sup>174</sup>Hf were found, whereas significant <sup>180</sup>W excesses and deficits relative to the terrestrial standard are resolved for most of the leachates and residues. The observed dichotomy between <sup>174</sup>Hf and <sup>180</sup>W points towards different carrier phases for p-process Hf and W.

[1] Qin L. et al. (2011) *GCA*, 75, 7806-7828. [2]

+ Burkhardt C. et al. (2012) *AJL*, 753, L6

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