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ERRATUM

Disagreement between the Eu concentration in BB-5 obtained with the ion microprobe by R. W. HINTON (pers. commun.) and our neutron activation result reported in "Chemical compositions of refractory inclusions in the Murchison C2 chondrite", *Geochim. Cosmochim. Acta* **48**, pp. 2089–2105 (1984) led to our discovery of a computational error in data reduction for the latter. This prompted us to check all data reported in that paper and we found that the above error is a systematic one, resulting in overestimation of Eu in six samples. Correcting the Eu data results in second-order corrections to the Zr data in three of these samples because of Eu interference with Zr. The correct data are given in the accompanying table and revised Figs. 1a and 1b are shown below. A computational error was also found in the Ir datum reported for MUCH-1, changing it from 0.345 ± .010 to the corrected value of 0.432 ± .012 ppm. The major modification to the interpretations presented in our paper arises from the fact that the negative Eu anomalies for BB-5 and MUCH-1 are much greater than reported earlier. For both inclusions, however, the ratio of the depletion of Eu to that for Yb is still unusually small compared to other inclusions and, for BB-5 in particular, may require special explanation.

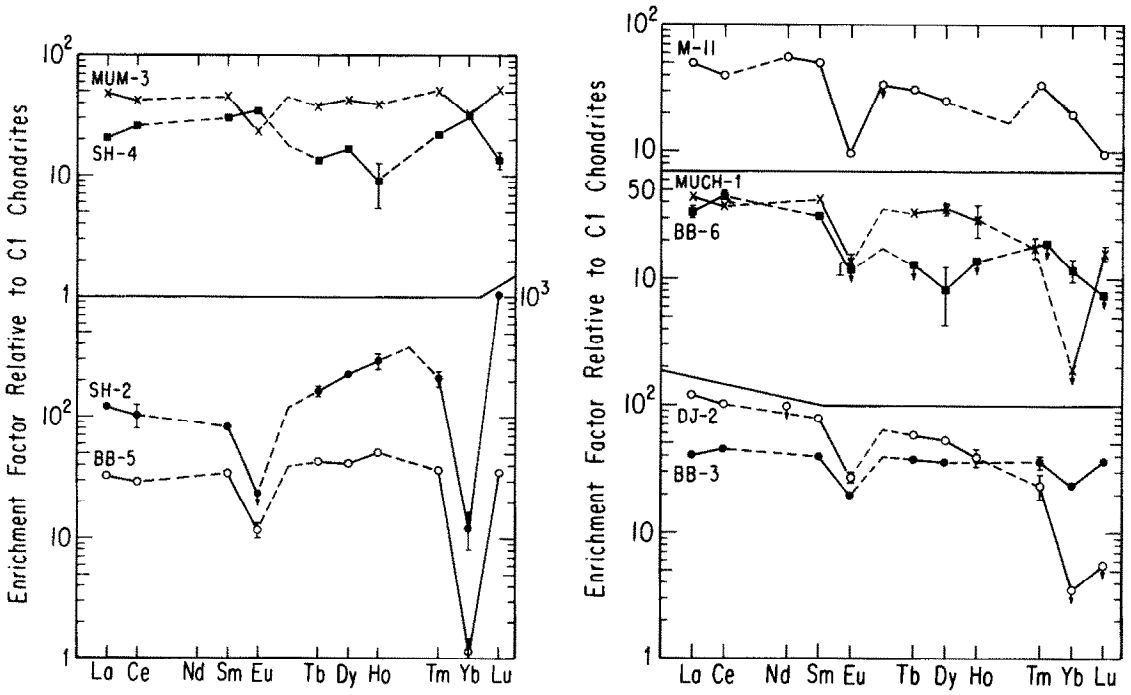

FIG. 1a and b: Rare earth patterns in refractory inclusions from Murchison.

Revised data

Sample	Eu (ppm)	Zr (ppm)
MUCH-1	0.75 ± .16	
SH-4	1.886 ± .096	46 ± 20
BB-6	<0.66	
BB-5	0.655 ± .096	179 ± 67
MUM-3	1.293 ± .040	222 ± 38
DJ-2	1.51 ± .15	

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