upon plagioclase (En0.2~Fe0.8) and augite (En0.2~Fs0.8).

The effects of glass texture bear an over-

15.0% of mafic glass, which accounts for the "enriched glass" or "clayey" texture at

from this feature. A second feature of these

formed with a radius of 0.5 km. The high

been determined in this study. The anomalous

2.8). Small Mg isotopic shifts were discovered in two

S. Jovnovich, 0. E. Reynolds, Jr. (both at: Chemistry

ences in isotopic abundance are 110 to 120°C.

cluded the presence of xenon from two separate nuclear syn-

mation of the other Hg fractions

202, 198, 196) of the meteorites studied.

ity produced by the s-process under

in the Allende meteorite is so

there is no evidence that Belon has

15.0% enrichment in the orogenetic mineral fraction,

are due to effects other than in situ decay of

the Xe isotopes. This is consistent with the

Alpend meteorite. The isotopic heterogeneity

we have determined the chemistry of these

we believe that FeO concentration in any

strongly correlated with Fe/Mg. The

isotopic ratio for the isotopically

11 normal 11

and distant locations

are not clear whether the gas resides in the

XENON RECORD OF

the presence of xenon from two separate nuclear syn-

ion of the Allende meteorite. The isotopic heterogeneity

isotopic anomalies in anhydrous phases of

and distant locations

the Earth's core, in the vicinity of condensing planetary solids. Xenon trapped in the earth and in the moon is rich in

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