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Title: New constraints on the evolution of the Gibraltar Arc from palaeomagnetic data of the Ceuta and Beni Bousera peridotites (Rif, northern Africa)

Author: Thomas Berndt Vicente Carlos Ruíz Martínez
Ahmed Chalouan



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Highlights:

- Peridotites from Ceuta and Beni Bousera (Rif) have been demagnetized.
- Ceuta peridotites show a different palaeomagnetic behaviour to Beni Bousera and Ronda.
- Ceuta peridotites tilted at the time when Beni Bousera rotated anticlockwise.
- Subsequently, the Ceuta peridotites rotated anticlockwise.
- The block rotations may be younger than previously assumed.

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