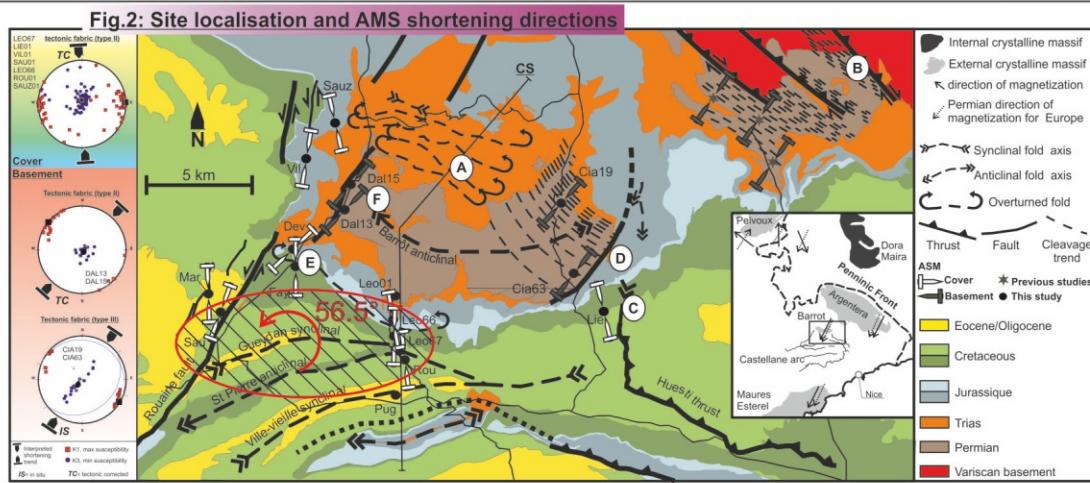


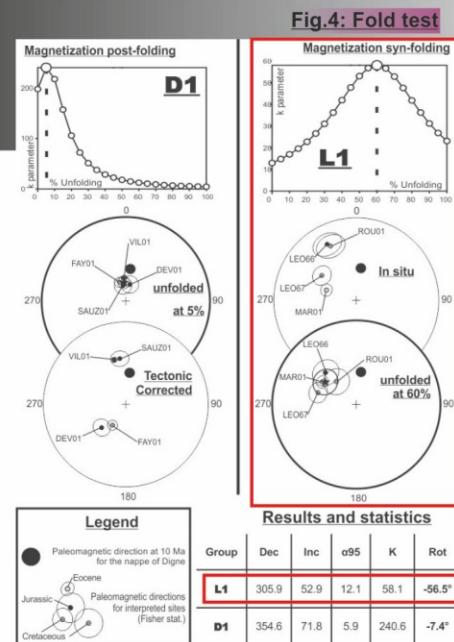
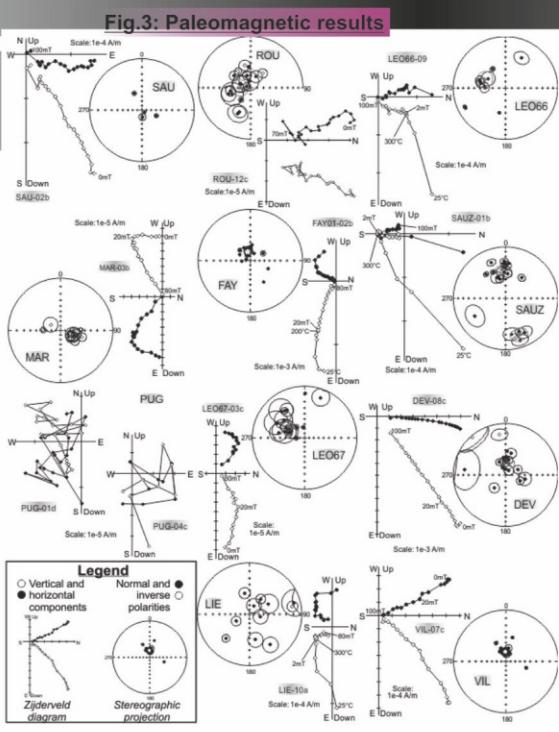
ALEOMAGNETISM AS A MARKER OF SYNFOLDING ROTATION. EXAMINING THE 'DÔME DE BARROT' (SUBALPINNE MASSIF, S-E FRANCE)

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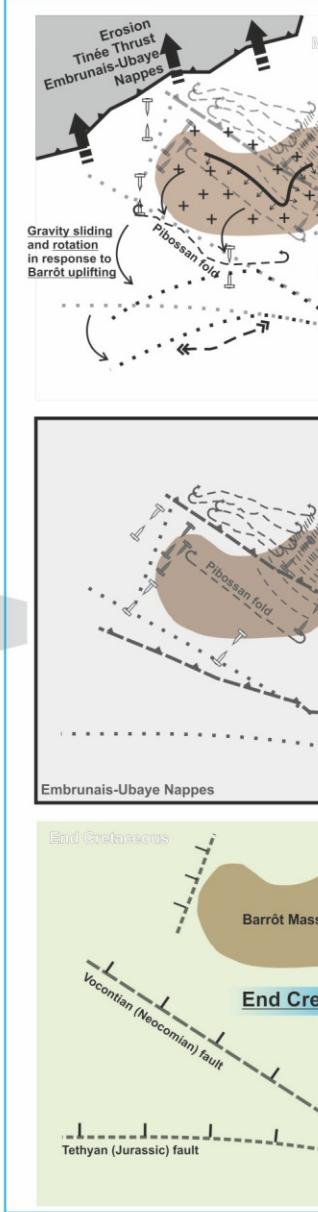
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We analysed 16 sites for paleomagnetic and AMS study (thanks Paleomac software (Cogné, 2003)). 8 sites give reliable results after alternating field (AF) demagnetization from 2mT to 80mT or combined thermal demag until 300°C followed by AF to 60mT demagnetization (Fig.3). Sites can be grouped in two, D1 and L1. The fold test (Fig.4) for group L1 indicates that the magnetization is syn- E-W folding axis, probably Oligo-Miocene in age, and reveals an important anticlockwise rotation of at least 56°. About AMS results, signals are excellent with the identification of a NE-SW shortening direction for the permian basement and the sedimentary cover after paleomagnetic rotation correction (Fig.2).



Localisation and Results



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