The folder “Bolnisi paleomagnetic data.zip” contains paleomagnetic thermal and alternating field demagnetisation data obtained on Paleogene and Cretaceous volcanic rocks from Georgia (Caucasus). Measurements were performed in the paleomagnetic laboratory of the University of Burgos (Spain). Data are in .txt format with the extension .rs3. Columns are separated by empty spaces. Data can be visualised and analysed with the Remasoft software (Chadima and Hrouda, 2006).

The folder “Bolnisi rock magnetism data.zip” contains data in .txt format of IRM acquisition curves (extension .irm), hysteresis curves (extension .hys), backfield curves (extension .coe) and thermomagnetic magnetisation versus temperature curves (extension .rmp) obtained on Paleogene and Cretaceous volcanic rocks from Georgia (Caucasus). Measurements were performed in the paleomagnetic laboratory of the University of Burgos (Spain). Columns are separated by tabs. Data can be visualised and analysed with the RockMagAnalyzer 1.0 software (Leonhardt, 2006).

The excel file “Bolnisi susceptibility vs temperature.xlsx” contains data of thermomagnetic susceptibility versus temperature curves obtained on Paleogene and Cretaceous volcanic rocks from Georgia (Caucasus). Measurements were performed in the paleomagnetic laboratory of the University of Burgos (Spain).

The folder “Bolnisi IZZI paleointensity.zip” contains paleointensity determination data obtained with the IZZI method on Paleogene and Cretaceous volcanic rocks from Georgia (Caucasus). Measurements were performed in the paleomagnetic laboratory of the University of Burgos (Spain). Data are in .txt format with the extension .tdt separated by tabs. Data can be visualised and analysed with the ThellierTool software (Leonhardt et al.,2004).

The folder “Bolnisi Multispecimen.zip” contains paleointensity determination data on Paleogene and Cretaceous volcanic rocks from Georgia (Caucasus). Data are in .txt format separated by tabs. Determinations were carried out with the multispecimen method (Biggin and Poidras, 2006; Dekkers and Böhnel, 2006; Fabian and Leonhardt, 2010) at Laboratorio Interinstitucional de Magnetismo Natural, Instituto de Geofísica, Unidad Michoacán, UNAM, Mexico. Each file in the folder corresponds to measurements at a specific field intensity. This field intensity can be found (in micro Tesla) in the file name. In the file, X, Y and Z magnetisation components of measurements m0, m1, m2, m3 and m4 (Fabian and Leonhardt, 2010) are listed for samples BO8-2-4 and BO16-2-4. Data can be visualised and analysed with the VBA based software tool “MSP-Tool” (Monster et al.,2015).

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