

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12 = -19.9 o/oo : lab. mult = 1)

Laboratory number **Beta-391059**

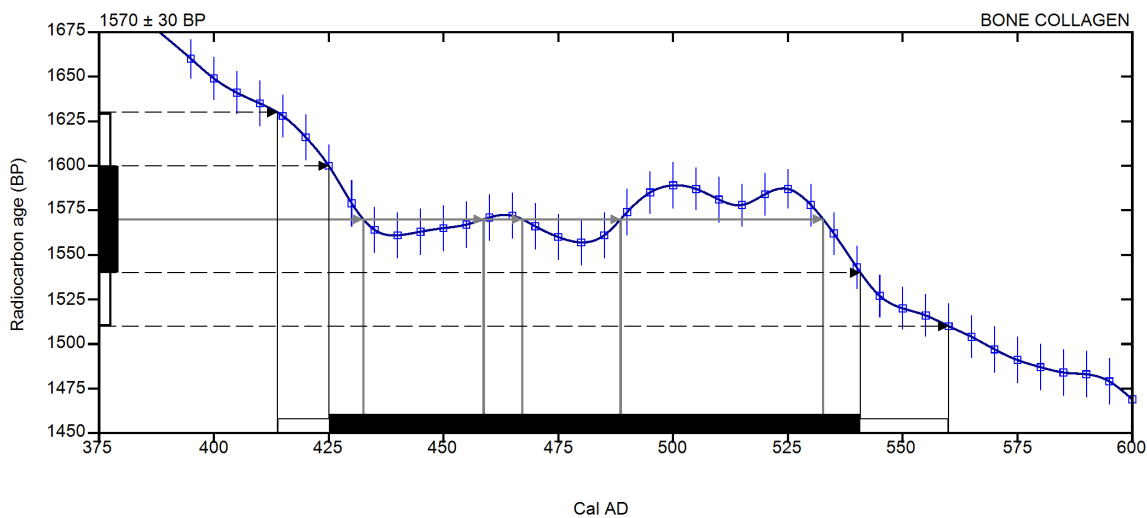
Conventional radiocarbon age **1570 ± 30 BP**

2 Sigma calibrated result **Cal AD 415 to 560 (Cal BP 1535 to 1390)**
95% probability

Intercept of radiocarbon age with calibration curve

Cal AD 435 (Cal BP 1515)
Cal AD 460 (Cal BP 1490)
Cal AD 465 (Cal BP 1485)
Cal AD 490 (Cal BP 1460)
Cal AD 535 (Cal BP 1415)

1 Sigma calibrated results **Cal AD 425 to 540 (Cal BP 1525 to 1410)**
68% probability



Database used
INTCAL13

References

Mathematics used for calibration scenario

A Simplified Approach to Calibrating C14 Dates, Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2):317-322

References to INTCAL13 database

Reimer PJ et al. IntCal13 and Marine13 radiocarbon age calibration curves 0–50,000 years cal BP. Radiocarbon 55(4):1869–1887.

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