

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12 = -22.6 o/oo : lab. mult = 1)

Laboratory number **Beta-436857 : BORTH 2016**

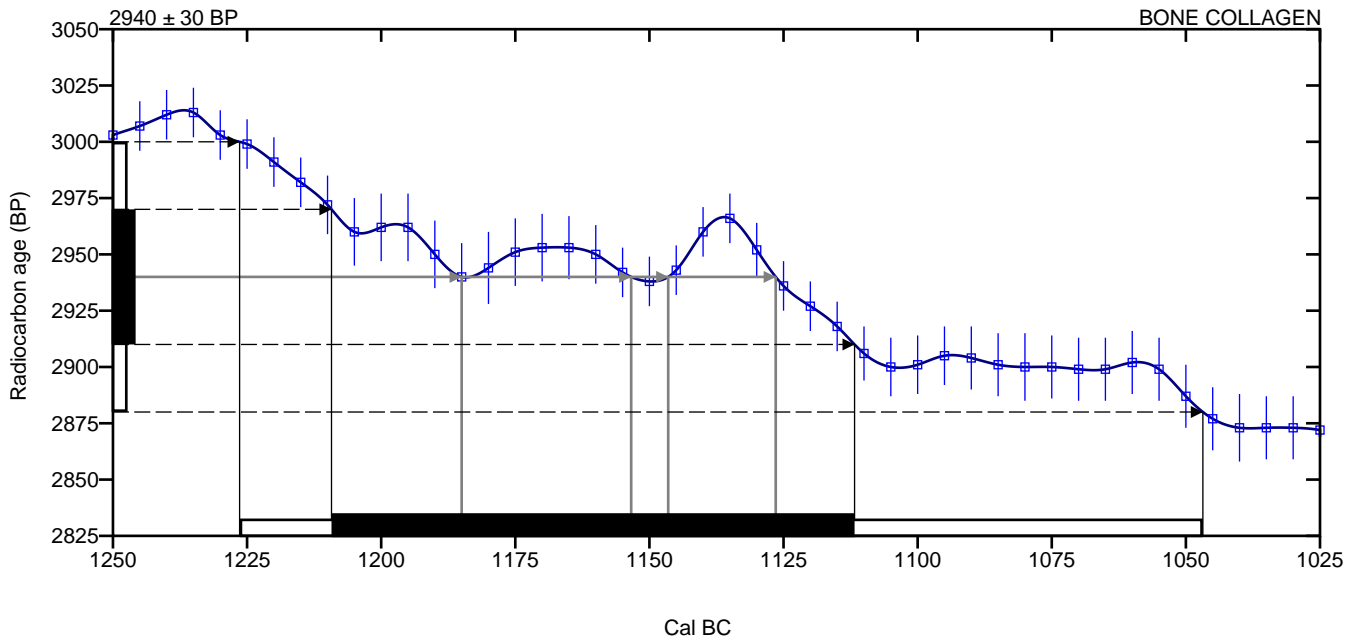
Conventional radiocarbon age **2940 ± 30 BP**

Calibrated Result (95% Probability) **Cal BC 1225 to 1045 (Cal BP 3175 to 2995)**

Intercept of radiocarbon age with calibration
curve

Cal BC 1185 (Cal BP 3135)
Cal BC 1155 (Cal BP 3105)
Cal BC 1145 (Cal BP 3095)
Cal BC 1125 (Cal BP 3075)

Calibrated Result (68% Probability) **Cal BC 1210 to 1110 (Cal BP 3160 to 3060)**



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., 2013.

Beta Analytic Radiocarbon Dating Laboratory

4985 S.W. 74th Court, Miami, Florida 33155 • Tel: (305)667-5167 • Fax: (305)663-0964 • Email: beta@radiocarbon.com