

# Calibration of Radiocarbon Age to Calendar Years

(High Probability Density Range Method (HPD): MARINE13)

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(Variables:  $\delta^{13}C = -22.5$  o/oo :  $\Delta R = 0 \pm 0$  : Glob res = -200 to 500)

**Laboratory number**      **Beta-475823**

**Conventional radiocarbon age**      **1540  $\pm$  30 BP**

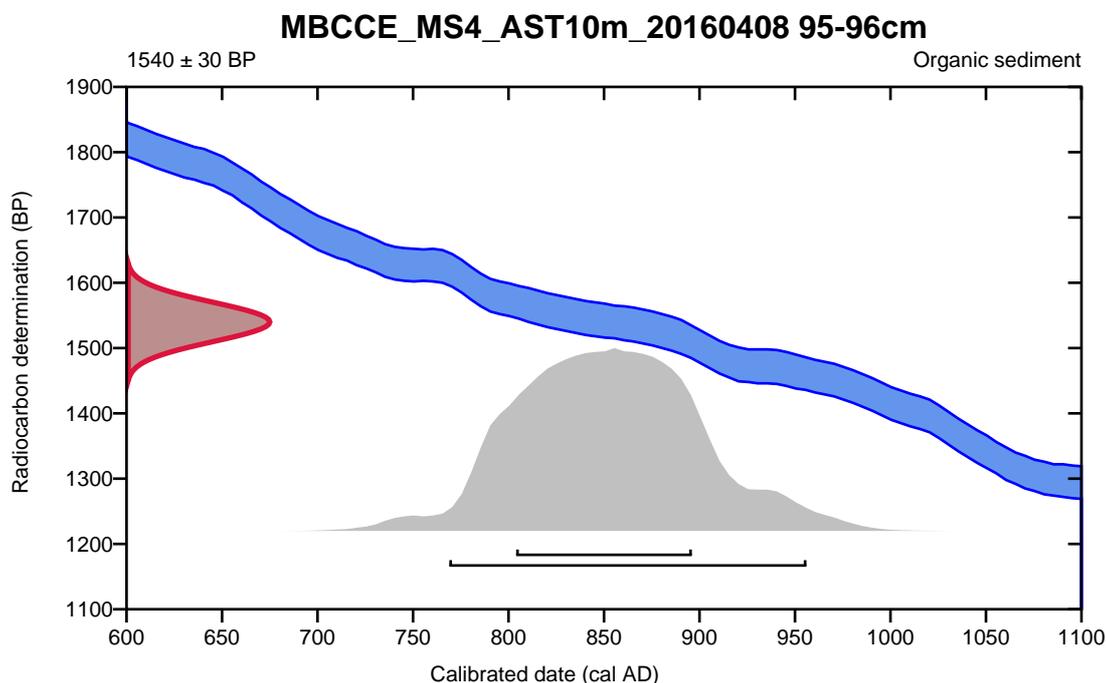
*Local reservoir correction not applied*

95.4% probability

(95.4%)    769 - 956 cal AD                      (1181 - 994 cal BP)

68.2% probability

(68.2%)    804 - 896 cal AD                      (1146 - 1054 cal BP)



**Database used**  
MARINE13

## References

### References to Probability Method

Bronk Ramsey, C. (2009). Bayesian analysis of radiocarbon dates. Radiocarbon, 51(1), 337-360.

### References to Database MARINE13

Reimer, et.al., 2013, Radiocarbon 55(4).