

# Calibration of Radiocarbon Age to Calendar Years

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

(Variables:  $\delta^{13}C = -22.4$  o/oo :  $\Delta R = 0 \pm 0$  : Glob res = -200 to 500)

**Laboratory number**      **Beta-475826**

**Conventional radiocarbon age**      **1950  $\pm$  30 BP**

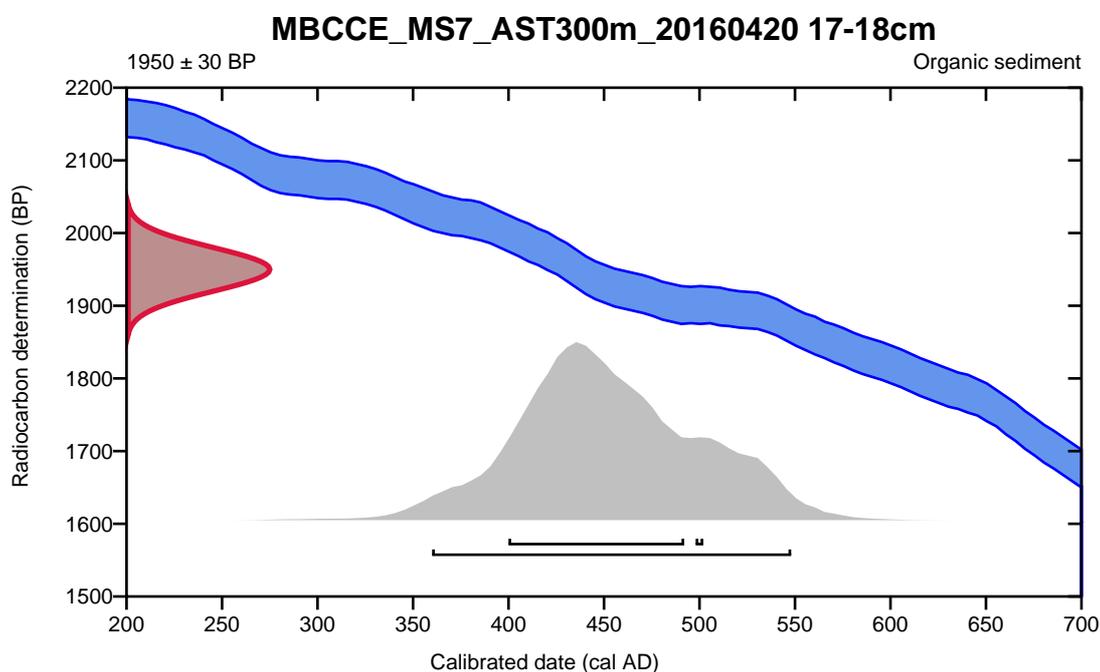
*Local reservoir correction not applied*

95.4% probability

(95.4%)    360 - 548 cal AD                      (1590 - 1402 cal BP)

68.2% probability

(66.8%)    400 - 492 cal AD                      (1550 - 1458 cal BP)  
(1.4%)      498 - 502 cal AD                      (1452 - 1448 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).