

0.1 AWI B-cores

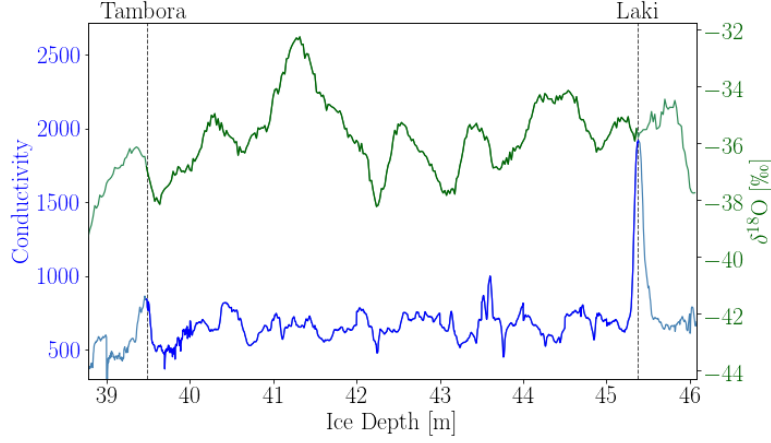


Figure 0.1: $\delta^{18}\text{O}$ and conductivity profile of the AWI B-core B23. The dashed lines represent the suggested locations of the Laki and Tambora eruptions as matched in [?, Weissbach et al. 2016]

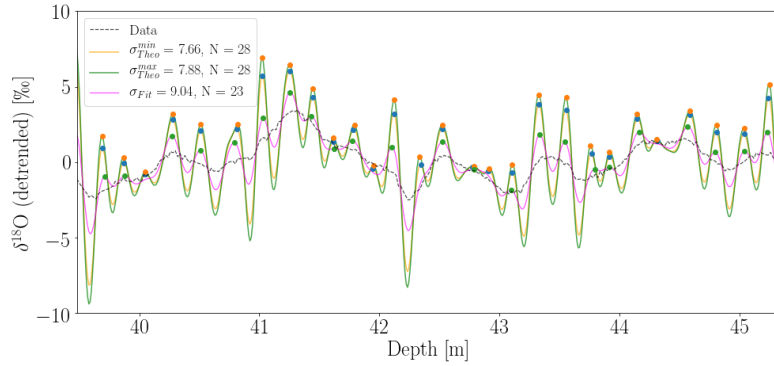


Figure 0.2

0.2 Crete and Surrounding Alphabet Cores

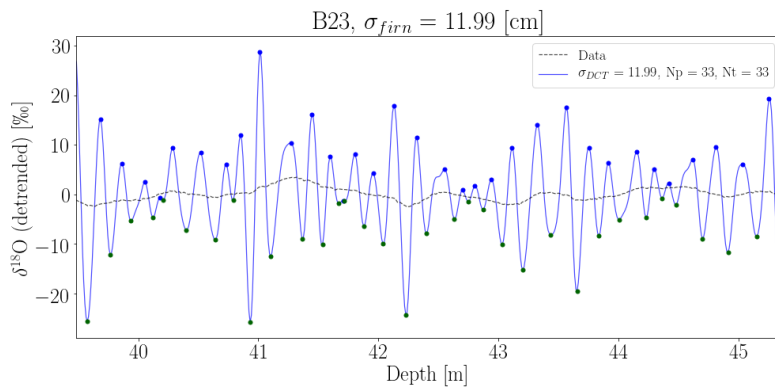


Figure 0.3

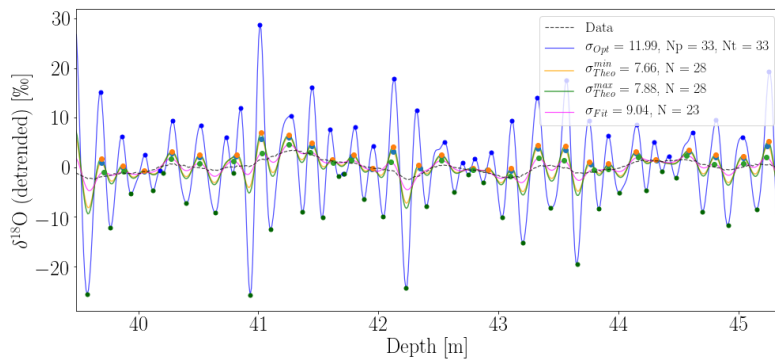


Figure 0.4

[illegible]

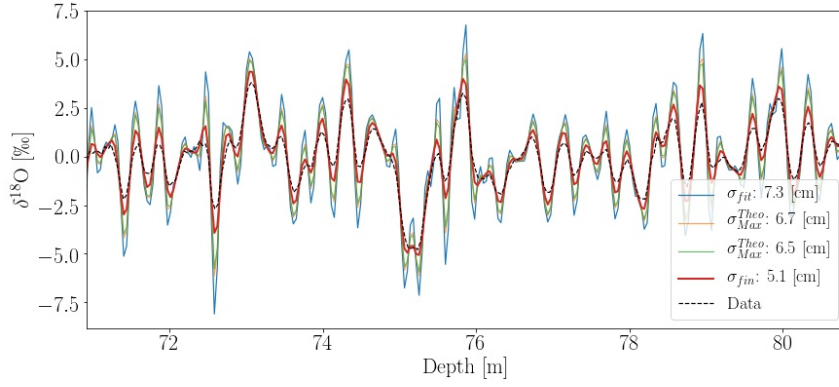


Figure 0.5: Estimated back diffused data series with different diffusion length estimates: diffusion length estimate from spectral fit (σ_{fit}), maximum (σ_{Max}^{Theo}) and minimum (σ_{Min}^{Theo}) theoretically estimated diffusion lengths and final estimated diffusion length.