Description of Additional Supplementary Files

Filename: Supplementary Data 1 Description: Age model tie points for MD03-2705 based on δ^{18} O stratigraphy and magnetic reversal ages

Filename: Supplementary Data 2 Description: MD03-2705 alkane concentrations and isotopic compositions

Filename: Supplementary Data 3 Description: MD03-2705 helium isotopic compositions and dust fluxes

Filename: Supplementary Data 4 Description: MD03-2705 helium and thorium normalization comparison data