



Figure S3: Post-Eocene sediment thickness models for the Weddell Sea (a) for both maximum and minimum reconstructions, and for the Ross Sea for maximum (b) and minimum (c) reconstructions. Dashed line shows the -1000 m isobath. Data sources are Rogenhagen et al. (2004) for (a) and ANTOSTRAT (1995) for (b) and (c), with considerable extrapolation into data gaps guided by bathymetry and gravity anomalies.