

Fig. 4.44. Free-air gravity anomaly and topography maps showing the Hokkaido Rise, seaward of the Kuril Trench. The gravity anomaly is based on satellite-derived data (Sandwell and Smith, 1997). The bathymetry is based on ship track data. The solid lines show the ship tracks along which the data in Fig. 4.45 were collected.



Fig. 6.11. Plot of  $T_e$  against  $t_{sf} - t$ , the age of the lithosphere at the time of loading. The colour coding is according to the type of geological feature.