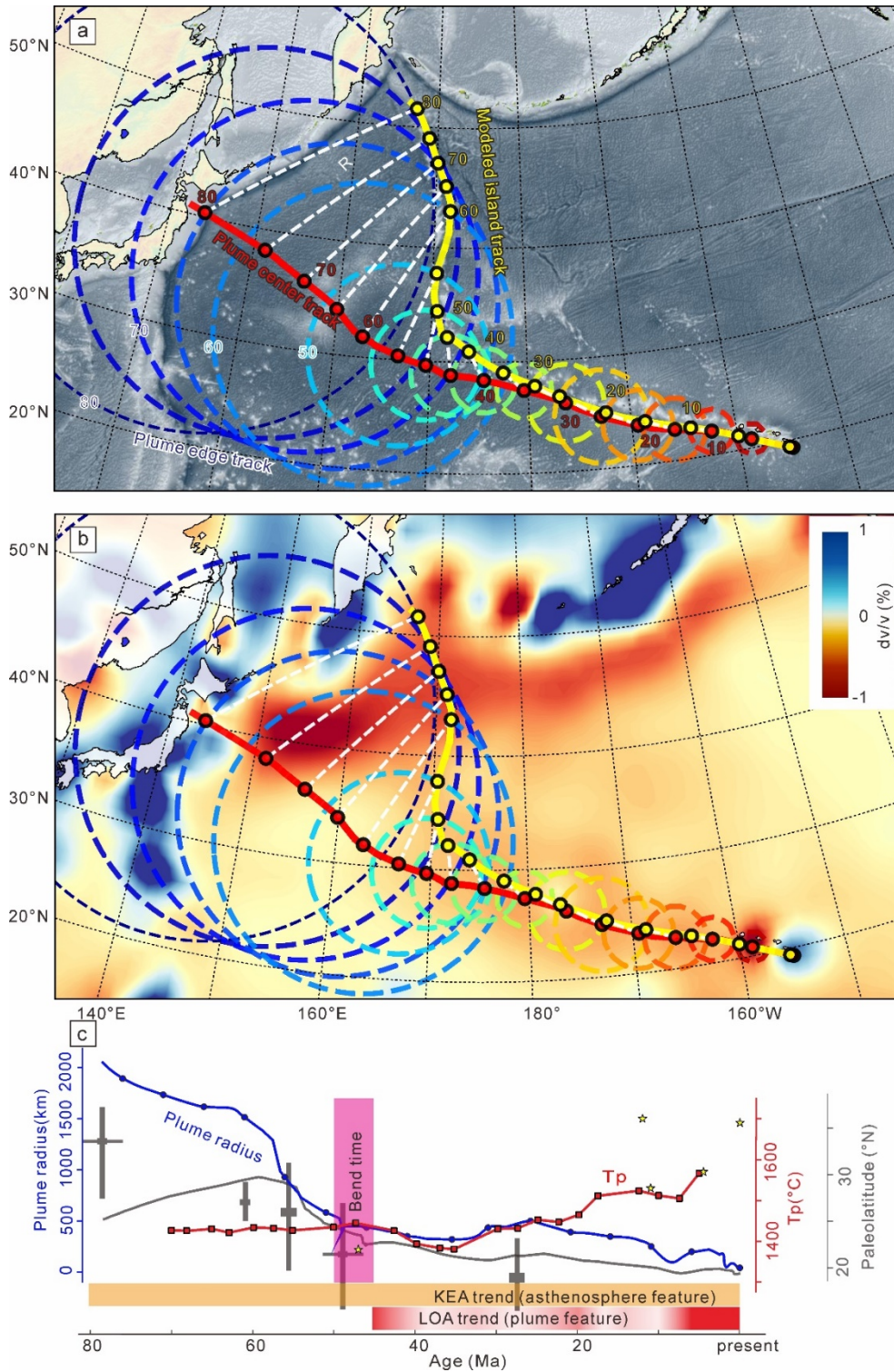
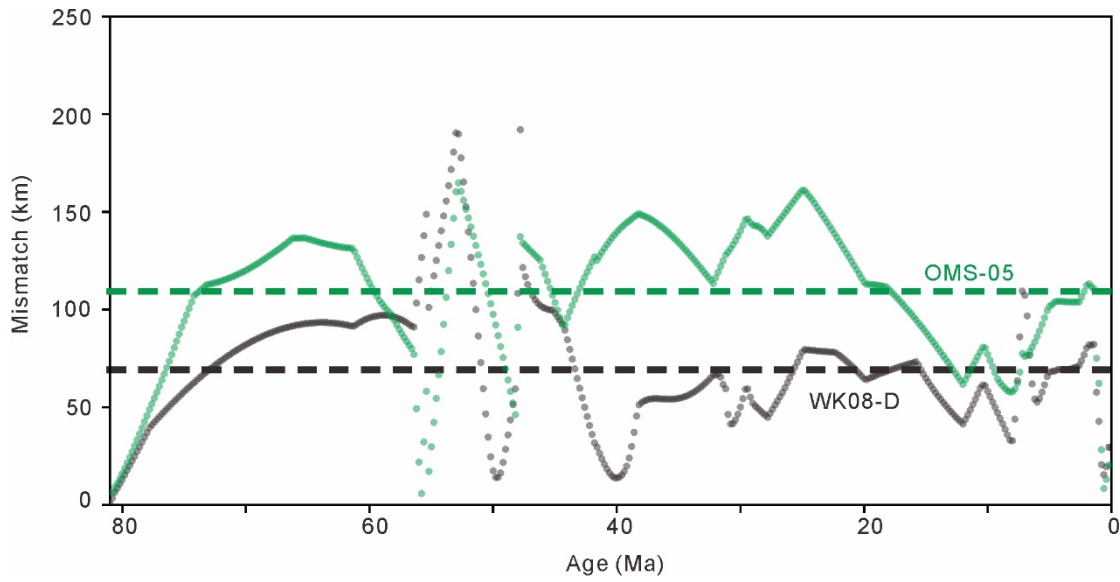


Supplementary figures



Supplementary Fig. 1. Comparison between model results (based on OMS-05 reconstruction scheme) and observation. Plume radius and predicted paleolatitude data are calculated according to the OMS-05 reconstruction scheme. Other data in c are the same as those in Figure 4c.



Supplementary Fig. 2. Comparison of different prediction results (based on WK-08D and OMS-05 reconstruction schemes) with coeval seamounts in the HEB. Scatters denote mismatch data, dashed lines denote average value through time.