

## **Supplementary information**

This file contains a supplemental figure and its caption. Figure S1 shows a long seismicity profile running SE – NW with a change in the depth of the brittle-ductile transition.

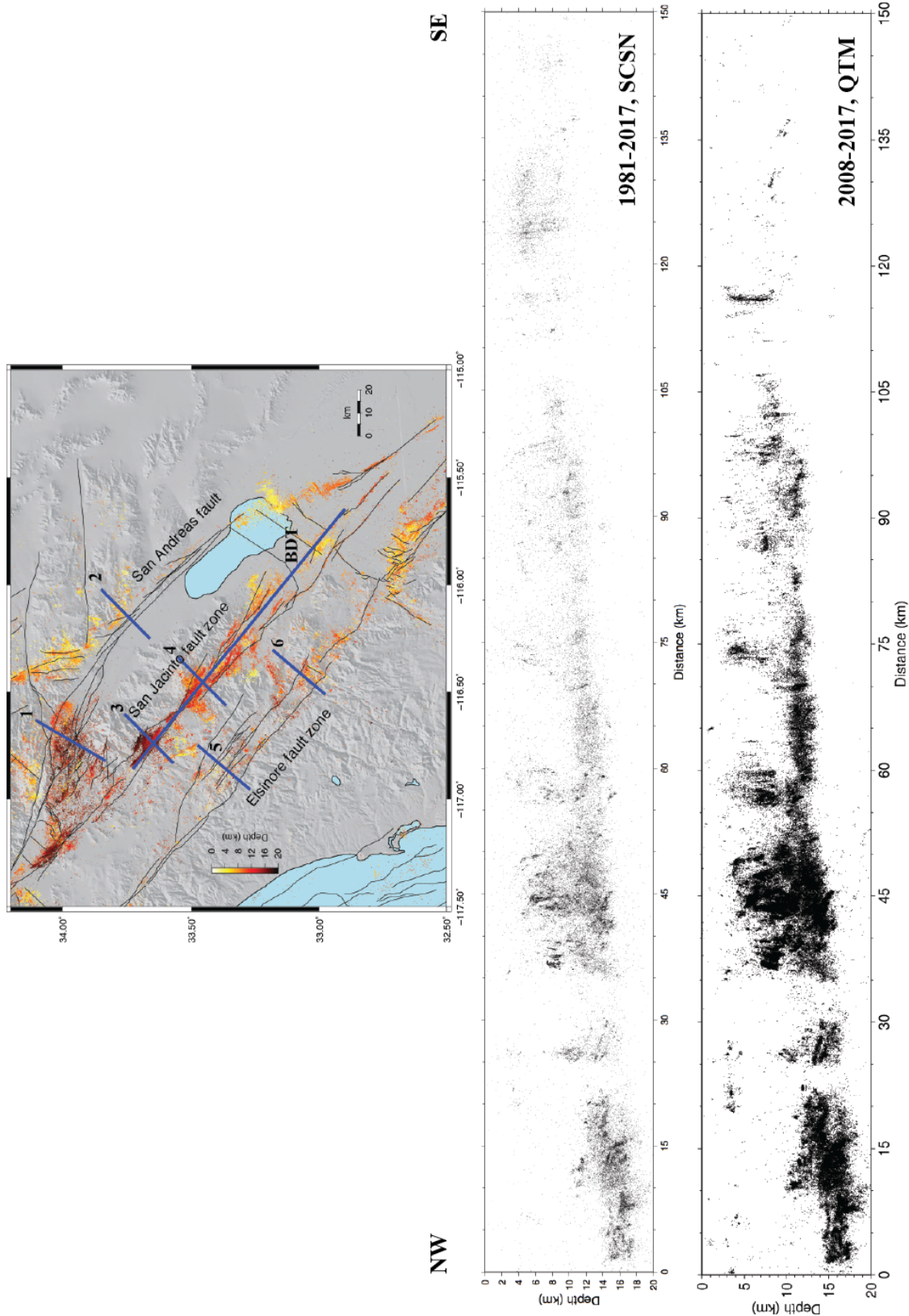


Figure S1: (Top) Map of seismicity as in main text, but with long profile named 'BDT' (brittle-ductile transition) added. (Middle) Seismicity along profile BDT from SCSN catalog (Hauksson et al., 2007 and updates). (Bottom) Seismicity along same profile from QTM catalog (Ross et al., 2019), which has a lower magnitude completeness threshold.