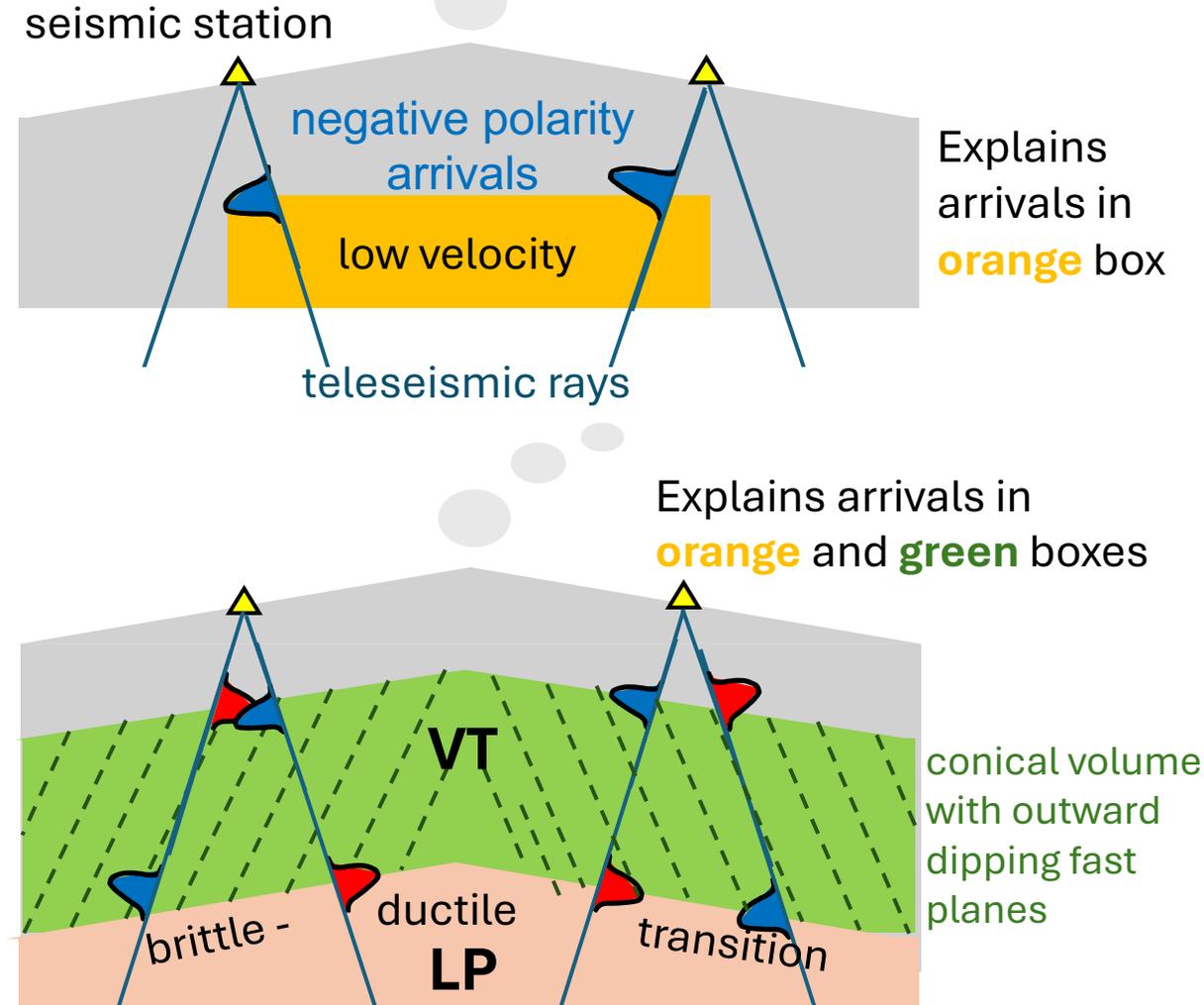
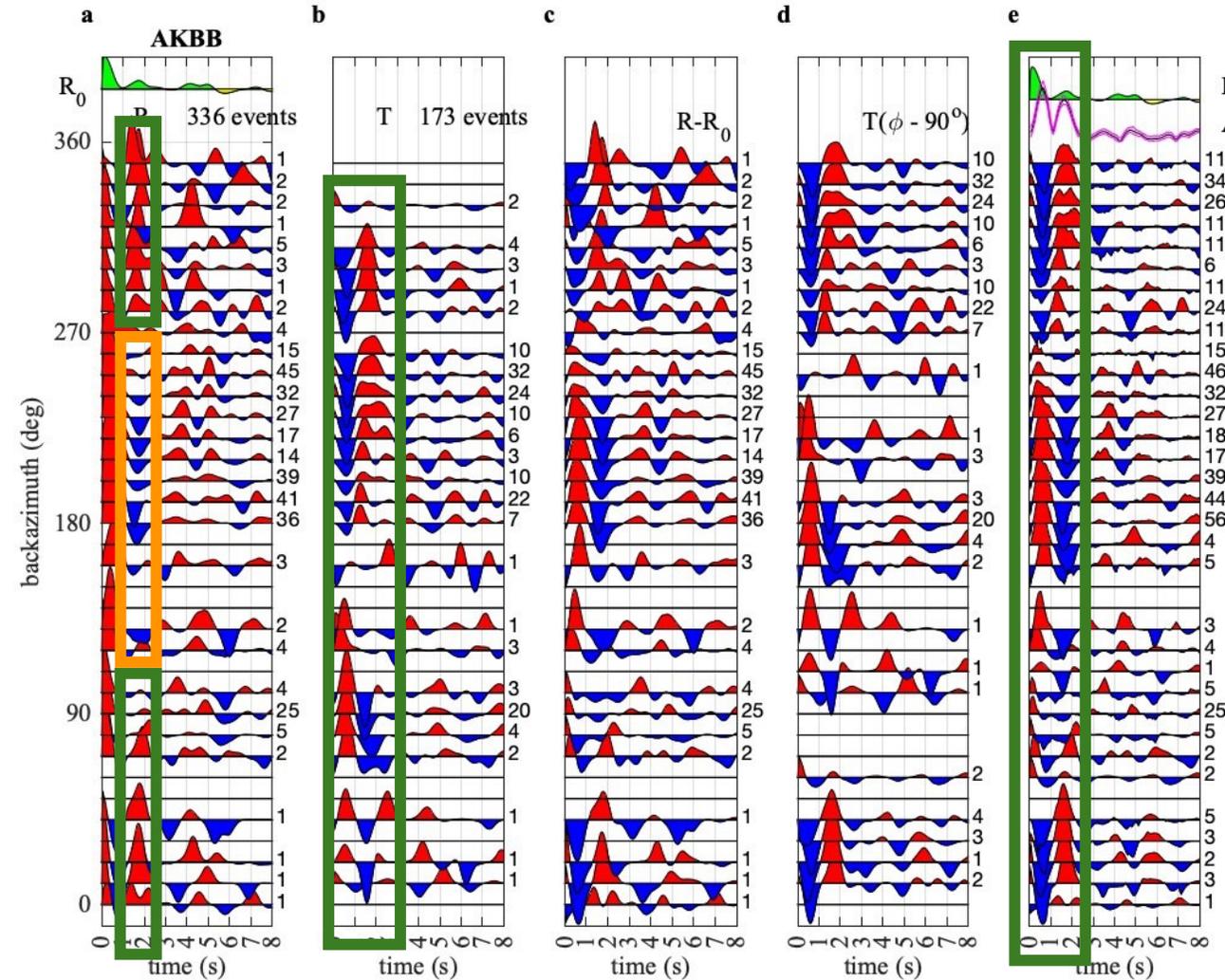


Imaging volcanic systems with receiver functions and anisotropy

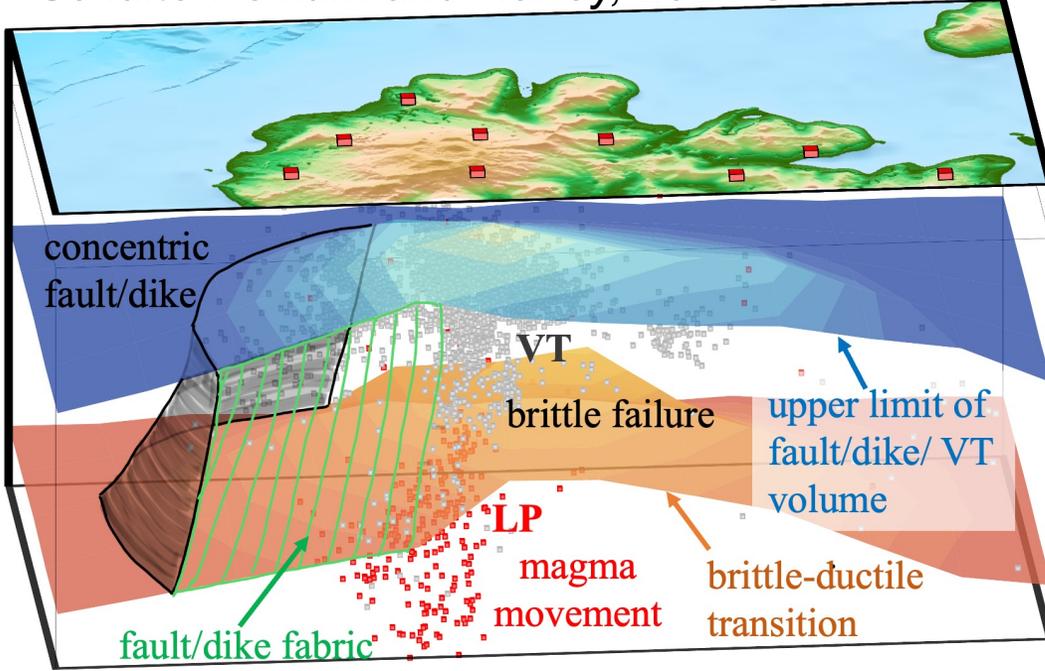
Vera Schulte-Pelkum (CU Boulder), Matt Haney (AVO USGS), Amelia Gandhi (CU Boulder)

- Receiver functions are useful for imaging entire crustal column, including below seismogenic zone
- Central low velocity zone doesn't explain observed receiver functions



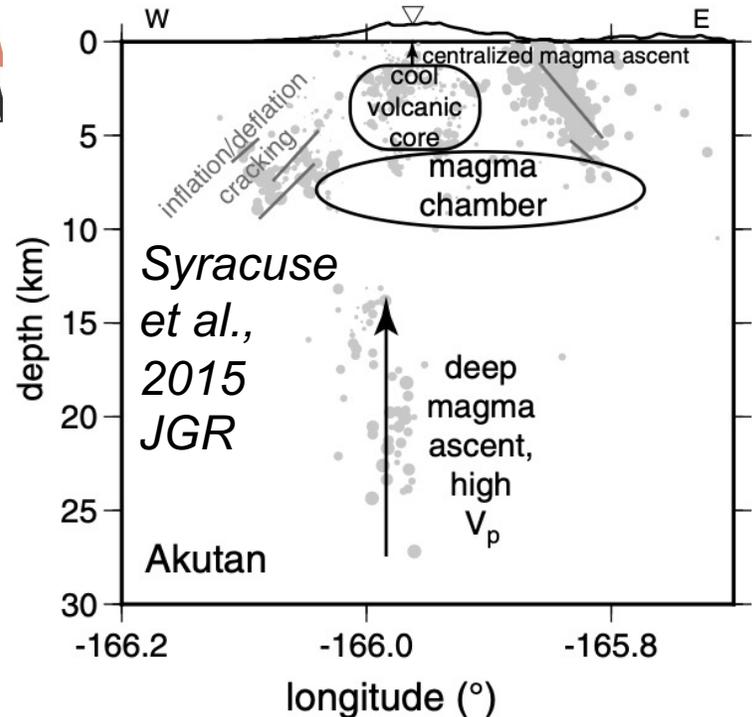
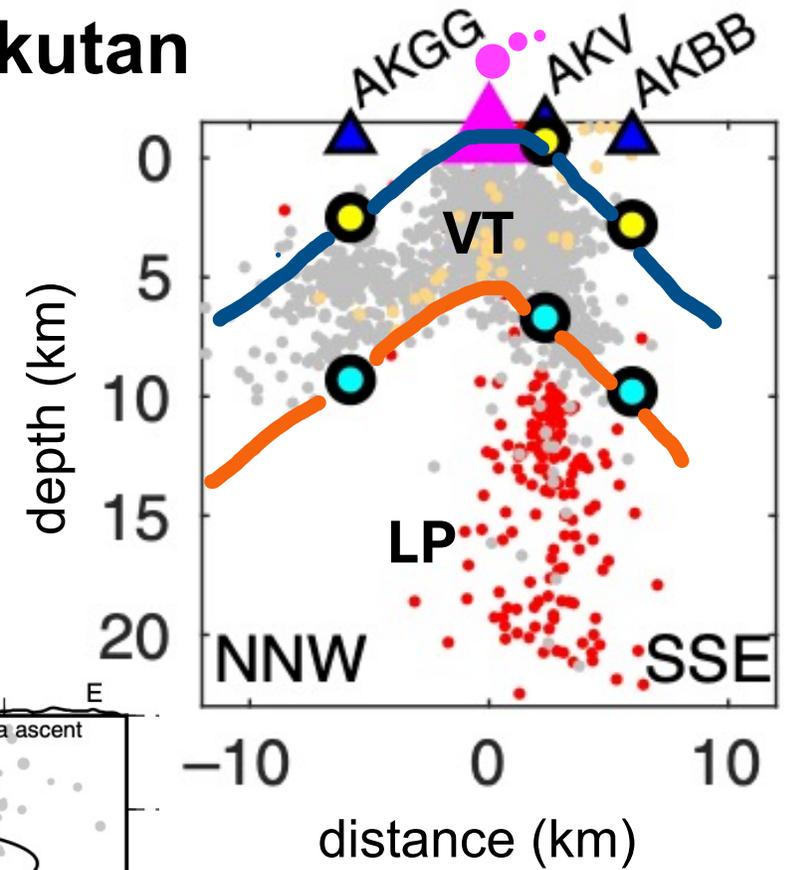
Volcanic systems from RFs with anisotropy: Akutan

Schulte-Pelkum and Haney, 2024 SRL



Cone with outward dipping fabric and VTs

Conical BDT at bottom, LPs below



Syracuse et al., 2015 JGR

Akutan

All Aleutian+Alaskan volcanoes: Amelia Gandhi, next talk and poster V33I-0120, Wednesday pm

