

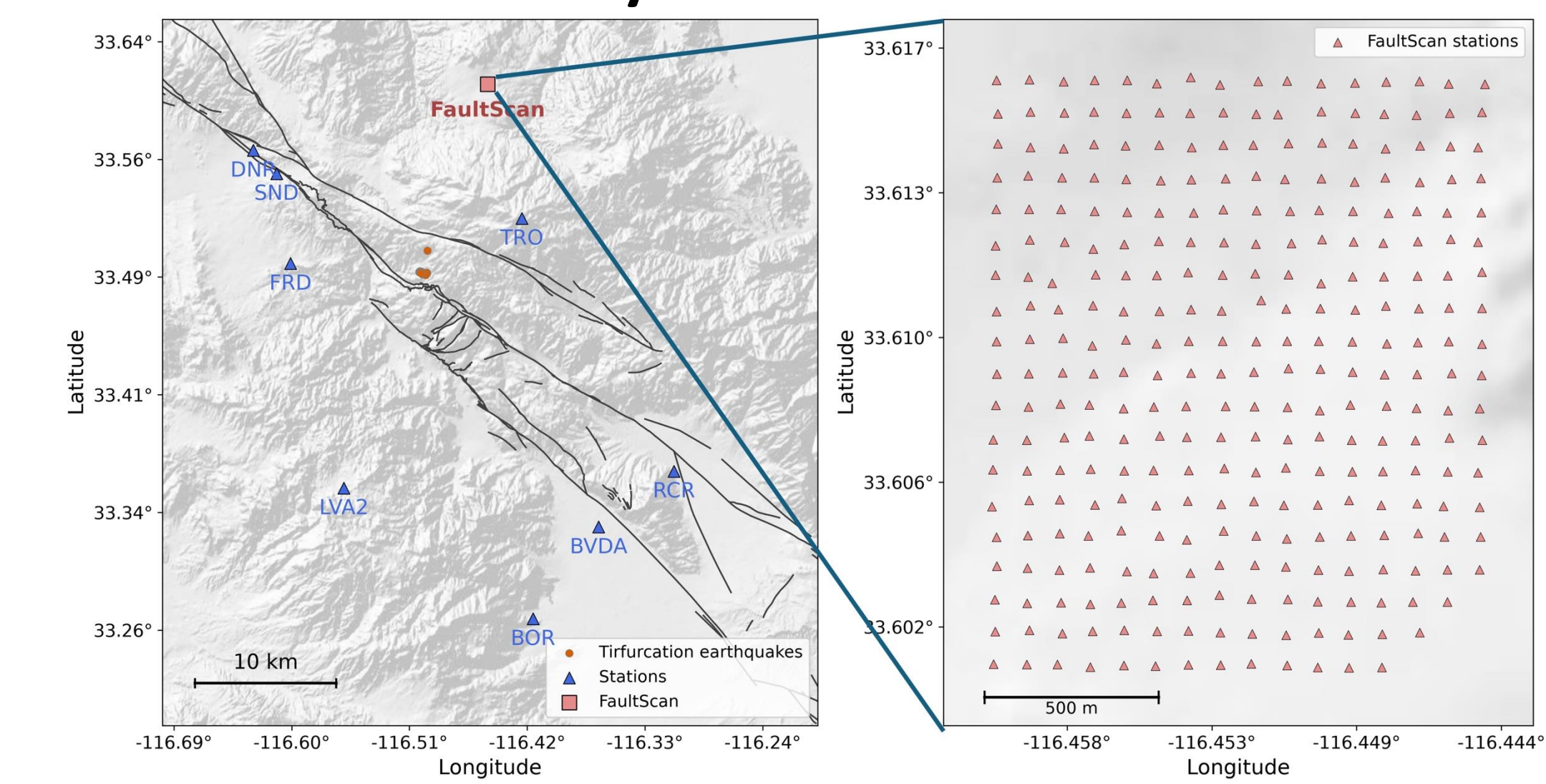


Probing nearby small earthquakes with the very dense FaultScan array

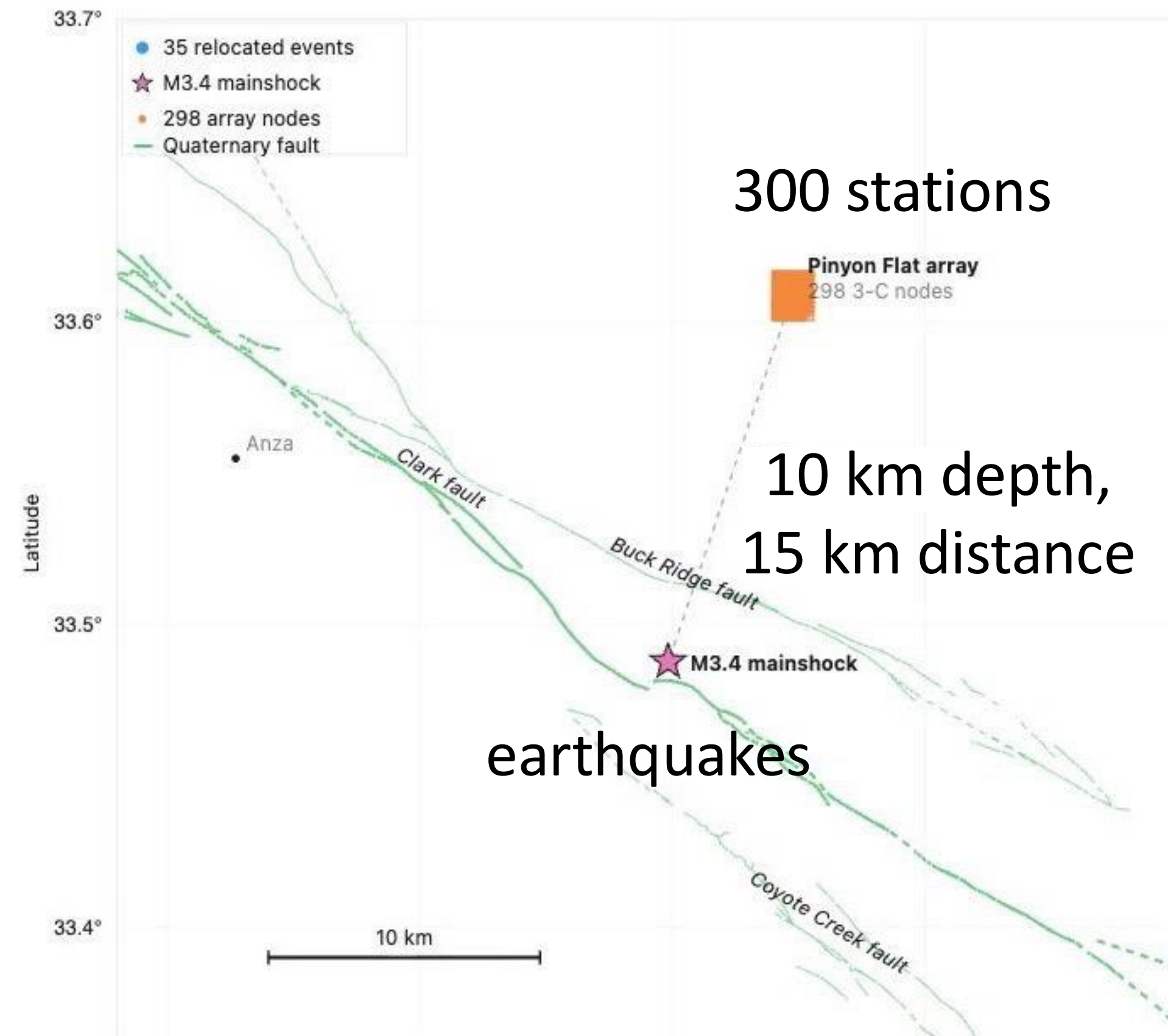
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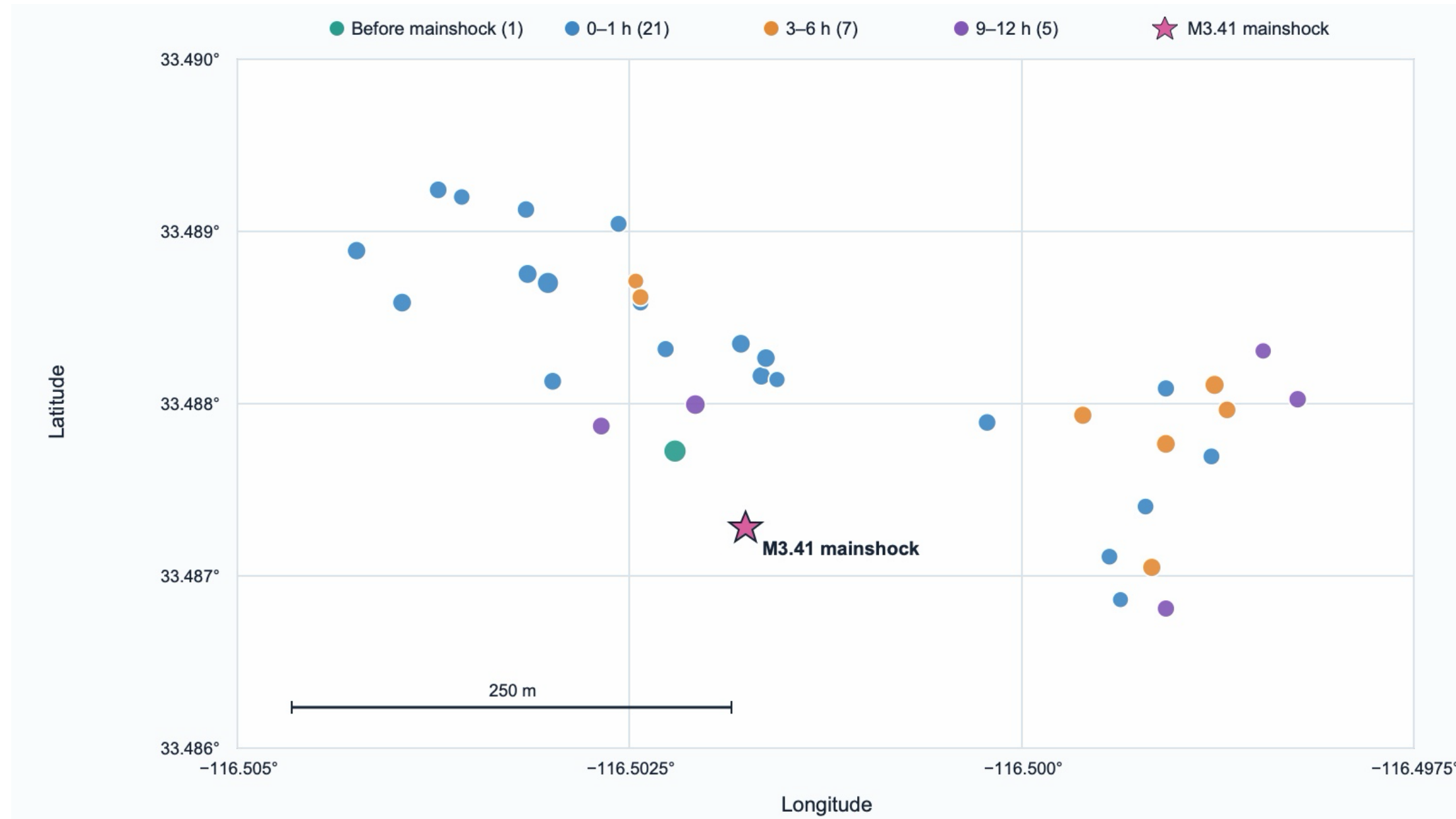
Array and CISN stations



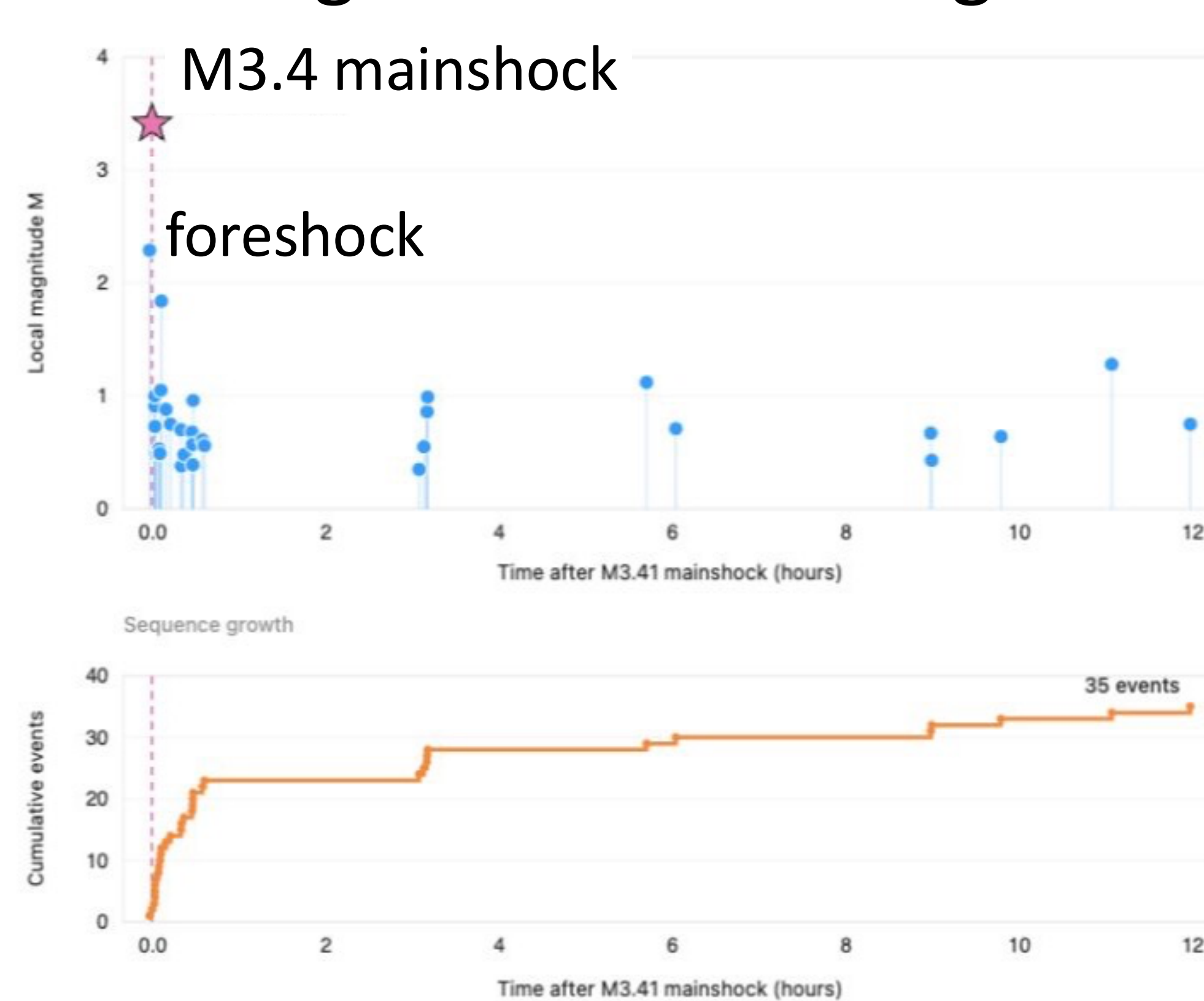
Relation to geology



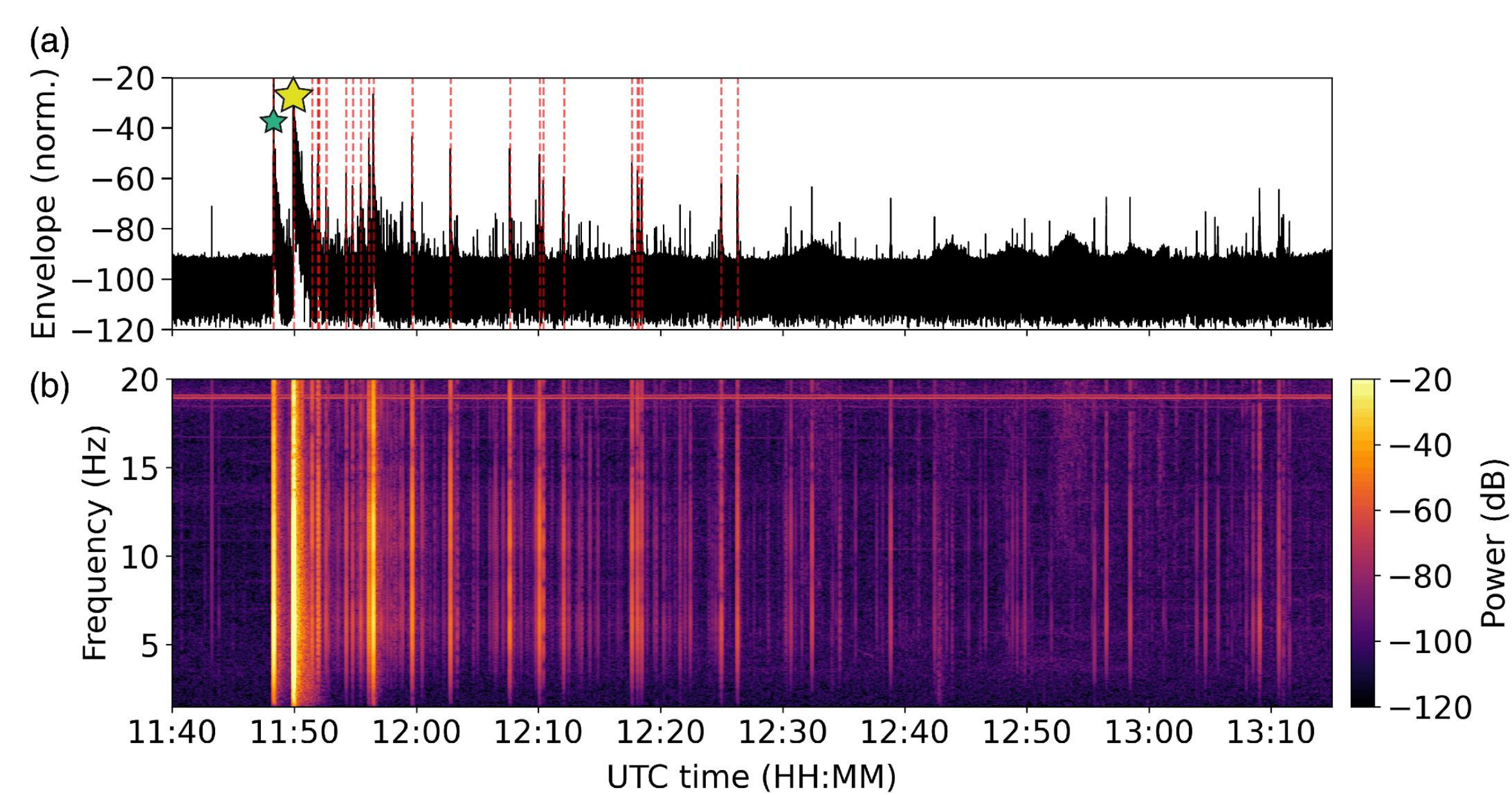
Relocated events (poster #141)



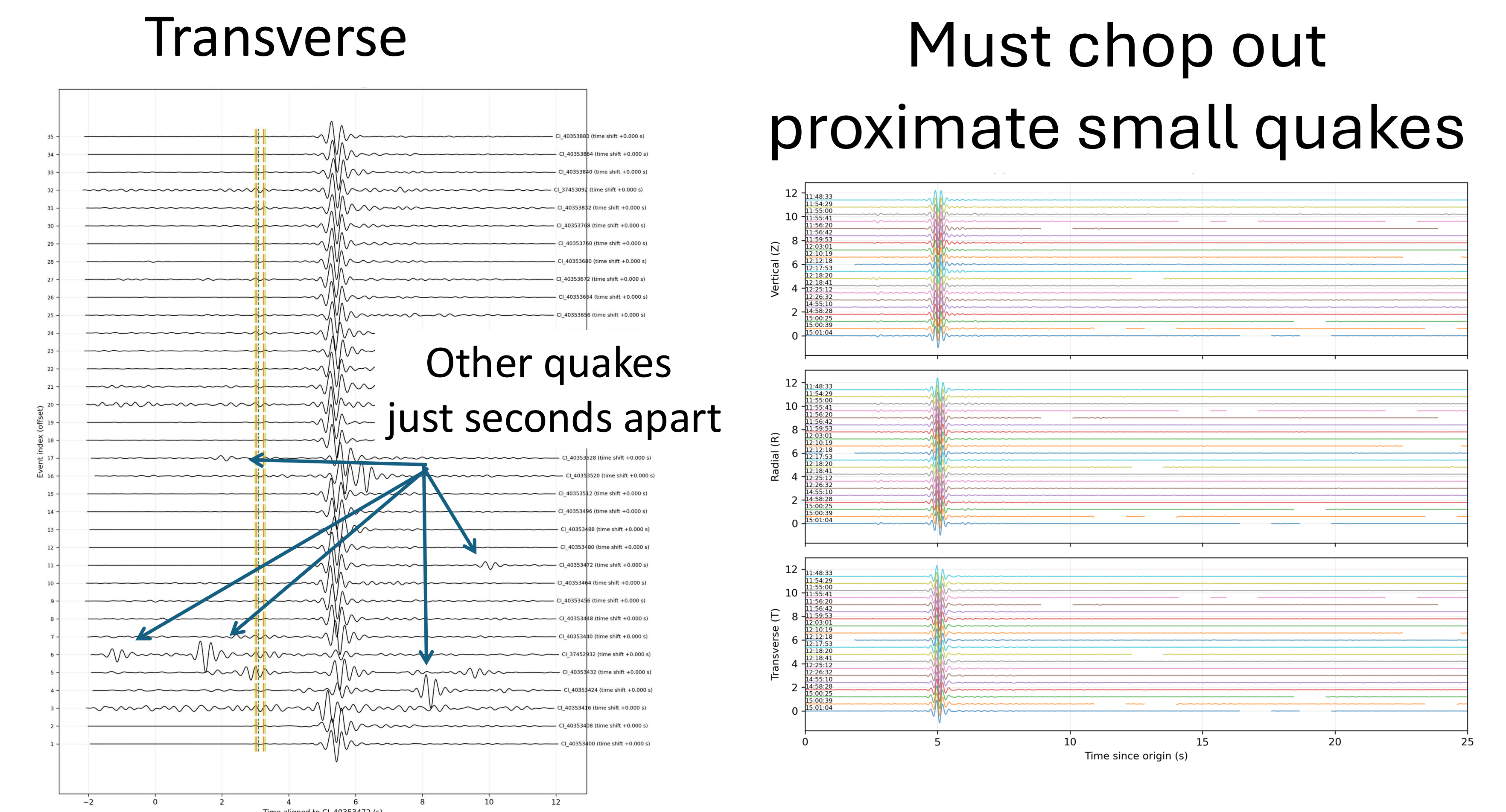
Magnitude and timing



Sequence in Higueret *et al.*, SRL, 2026

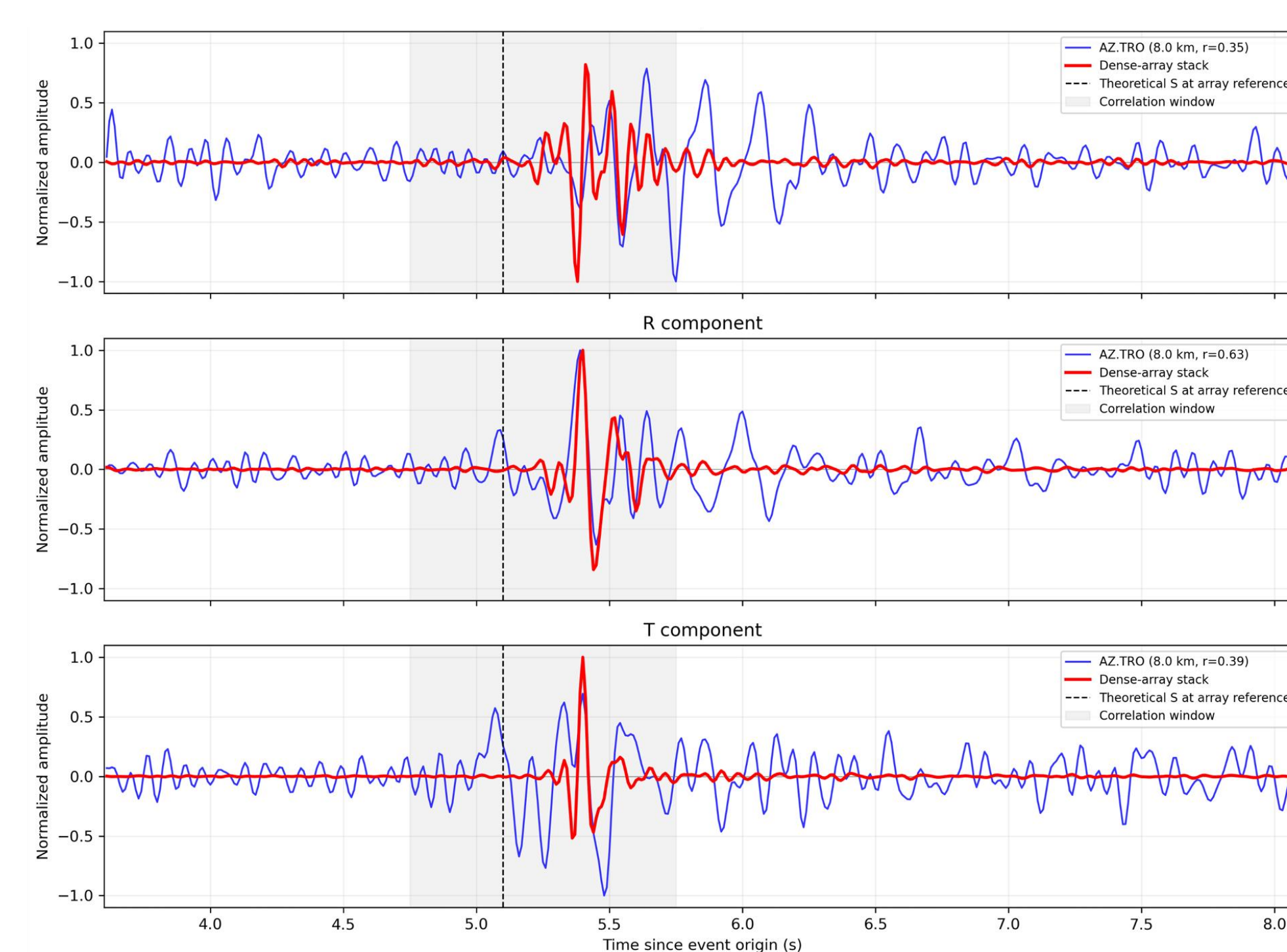


35 Events, M0 to M3.4

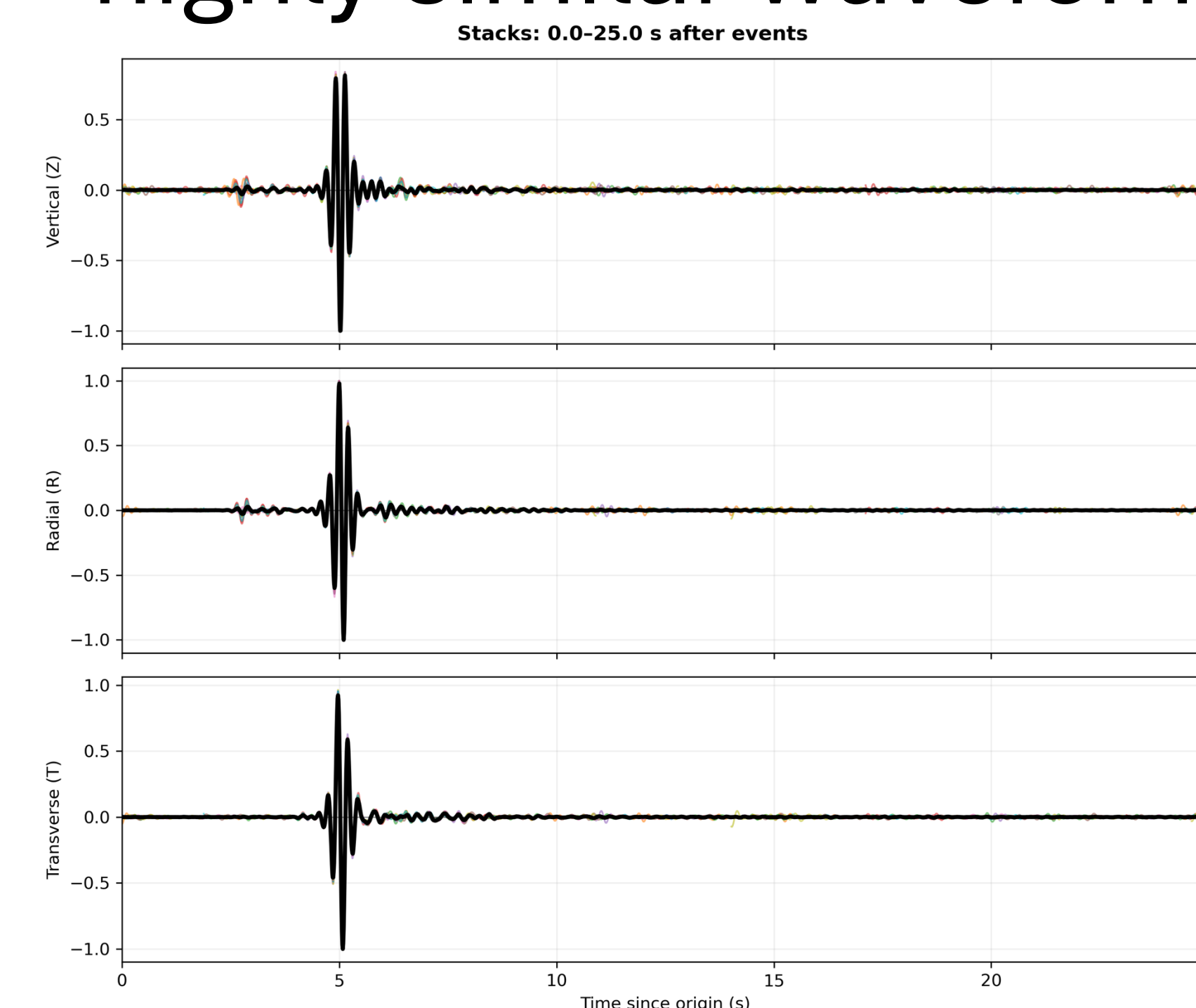


Goal:
Understanding variations in repeating earthquakes

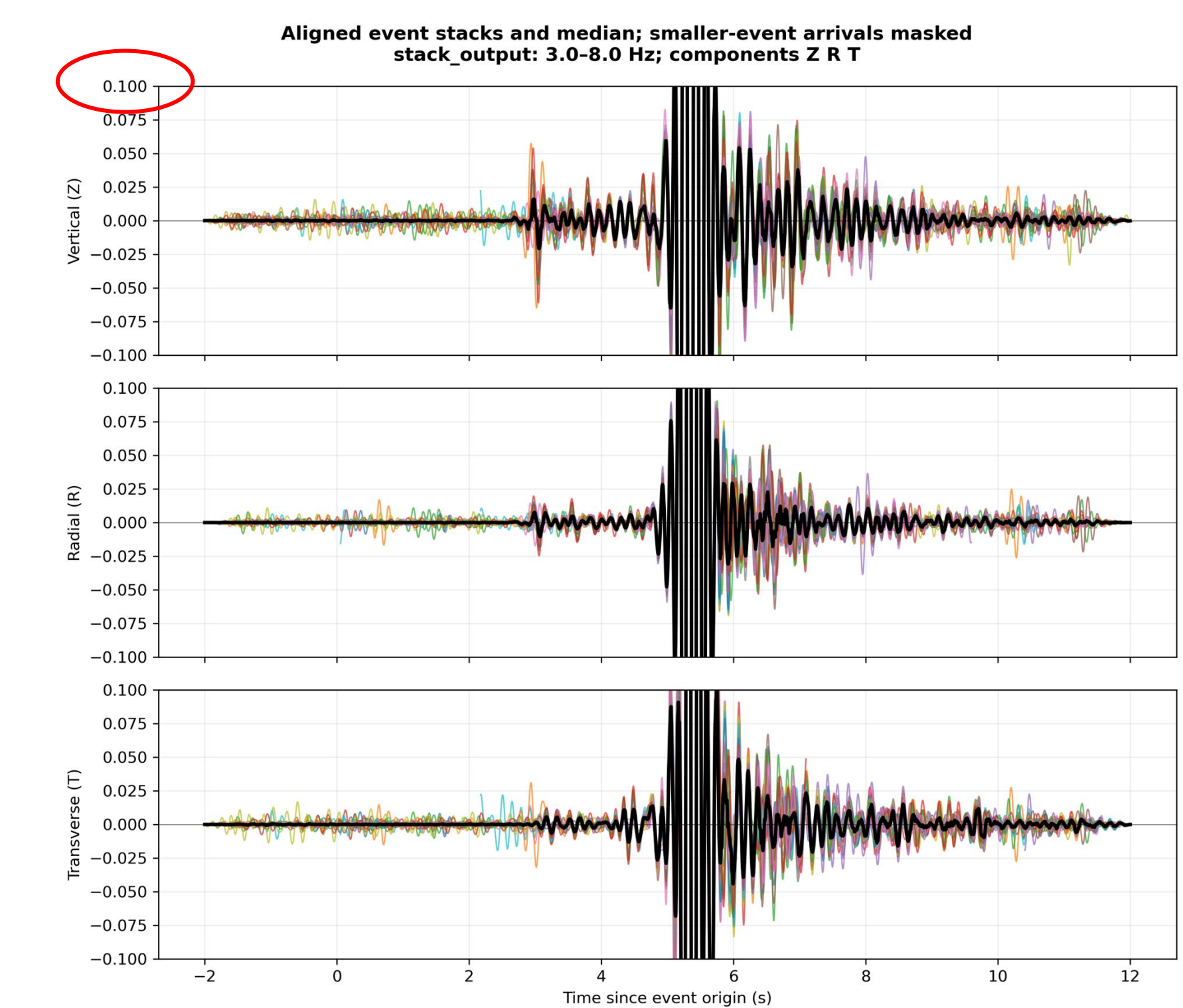
Stack compared to CISN station



We seek temporal
and spatial variations among
highly similar waveforms

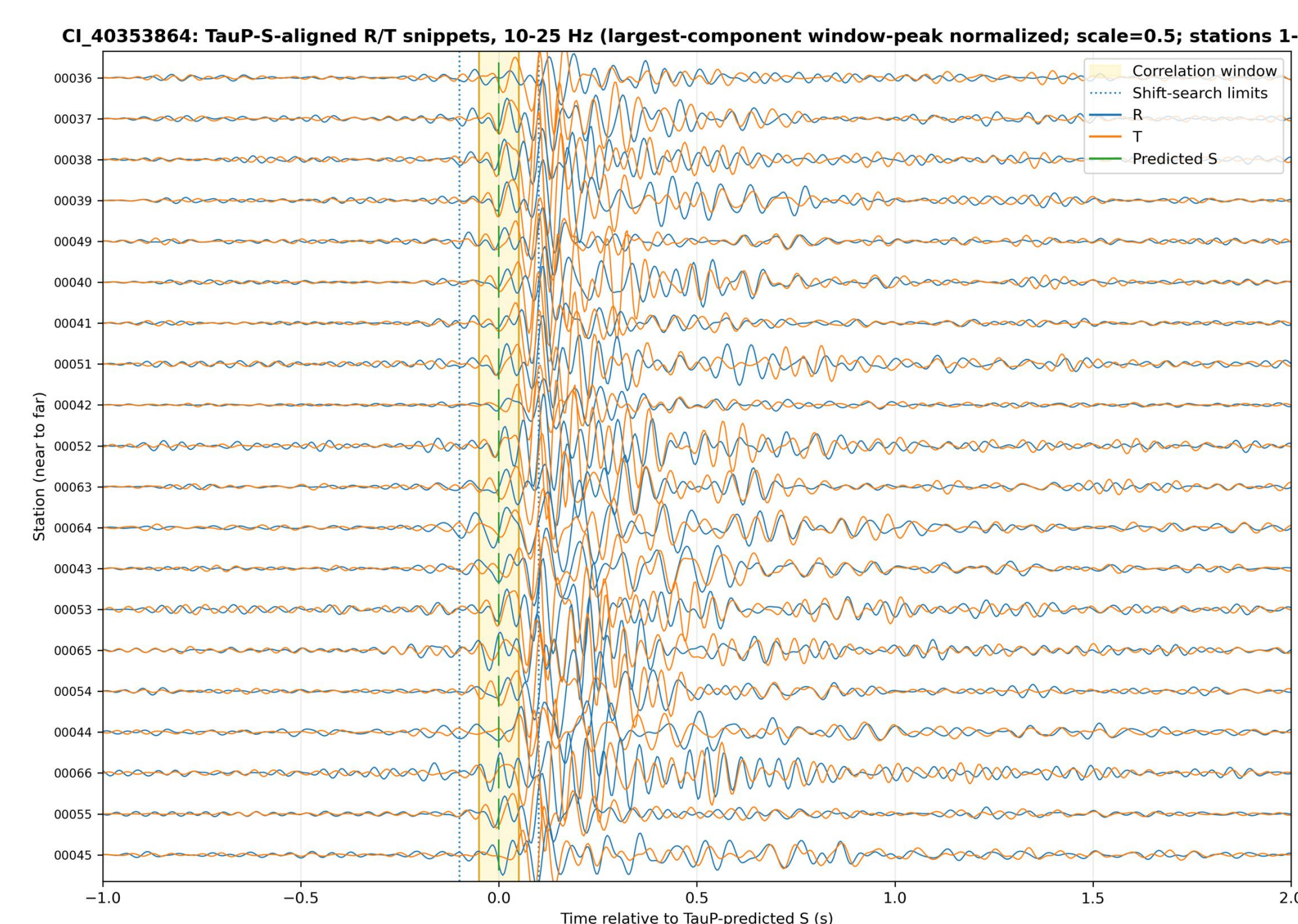


Blown up for a better look,
(see Mingze's poster →)

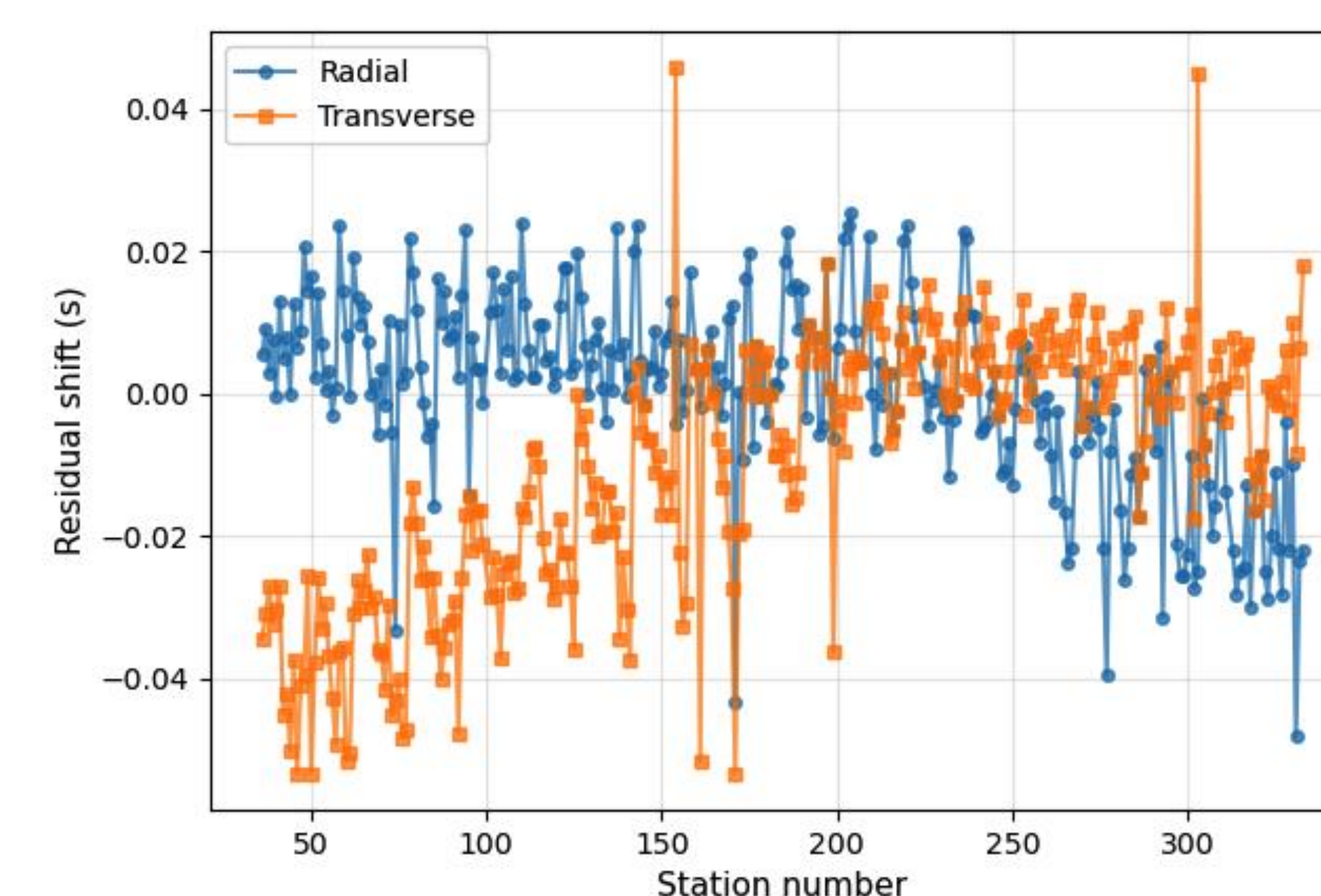


An oddity, beamed wavefield surprisingly polarized, even at high-frequency

Typical R & T, 10-25 Hz



R & T move out differently!



R & T not well correlated

