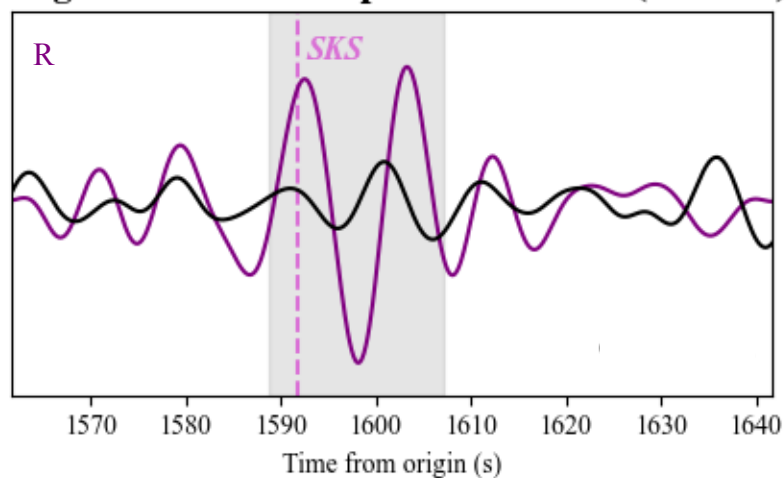
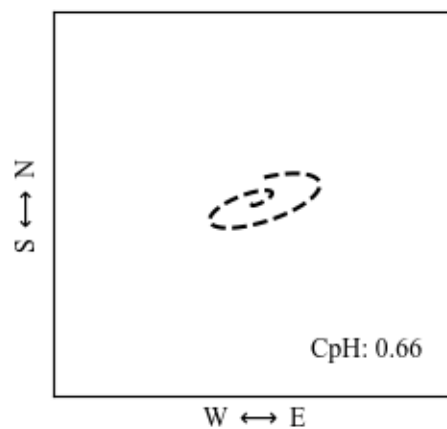


**Original waveform b.p.0.05-0.125 Hz (manual)**



**Partical Motion**



Event: 2011-01-09T10:03:43.620000Z

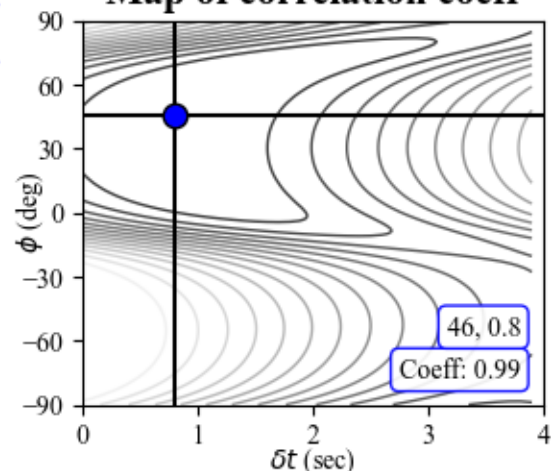
-19.2745N 168.3791E 20 km Mw=6.5

Station: TG.AMBR BAZ: 80.58 INC: 5.09 Dist: 128.66

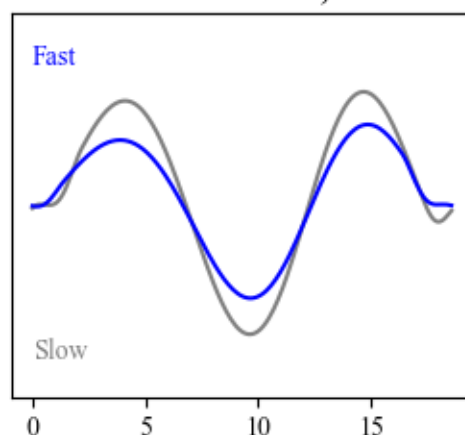
Best fit RC values:  $\phi = 45 \pm 44.75$   $\delta t = 0.8 \pm 0.98$  s

Best fit SC values:  $\phi = 51 \pm 44.75$   $\delta t = 0.9 \pm 0.98$  s

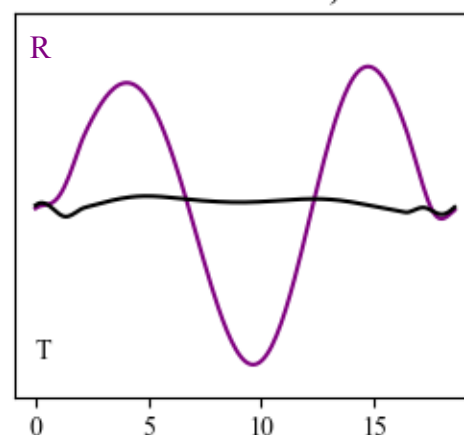
**Map of correlation coeff**



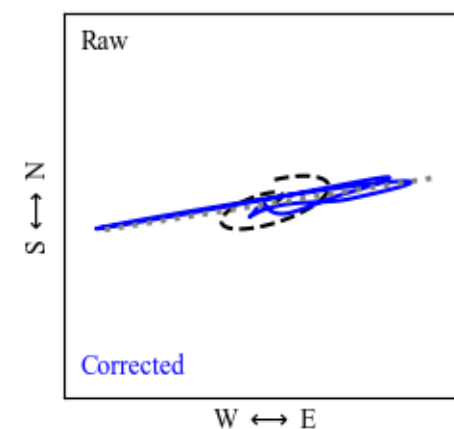
**Corrected Fast, Slow**



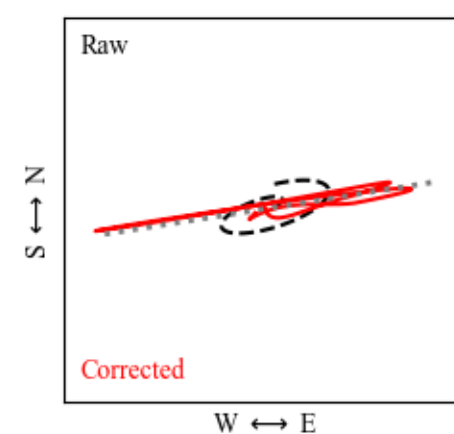
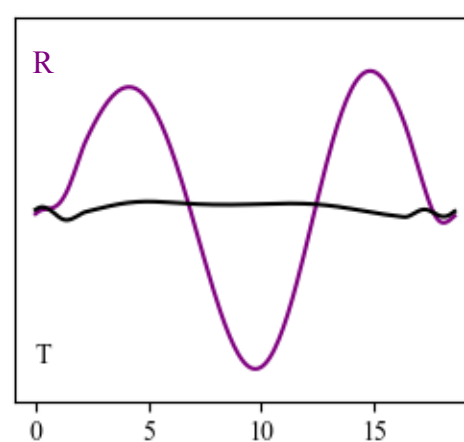
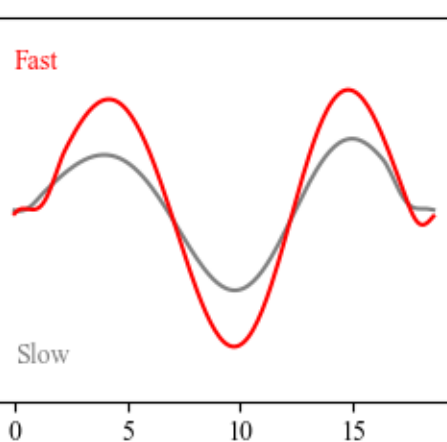
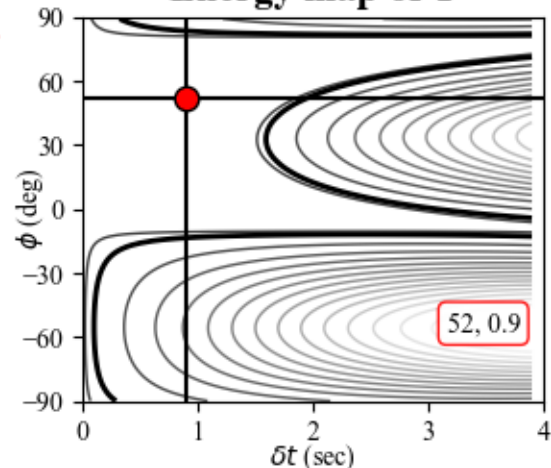
**Corrected R, T**



**Partical Motion**



**Energy map of T**



Rotation-Coefficient (RC)

Transverse Minimization (SC)