# Model Specification:

## Grid:

*2 degrees across Eurasia, 1 degree across Central Asia*

## Starting Model:

Crust: *CRUST-5.0 of Mooney et al., 1996. (USGS)*

Mantle: *S16/B30 of Masters et al., 1996. (UCSD)*

## Parameterization: *Isotropic, 4 volumetric layers, 2 boundaries*

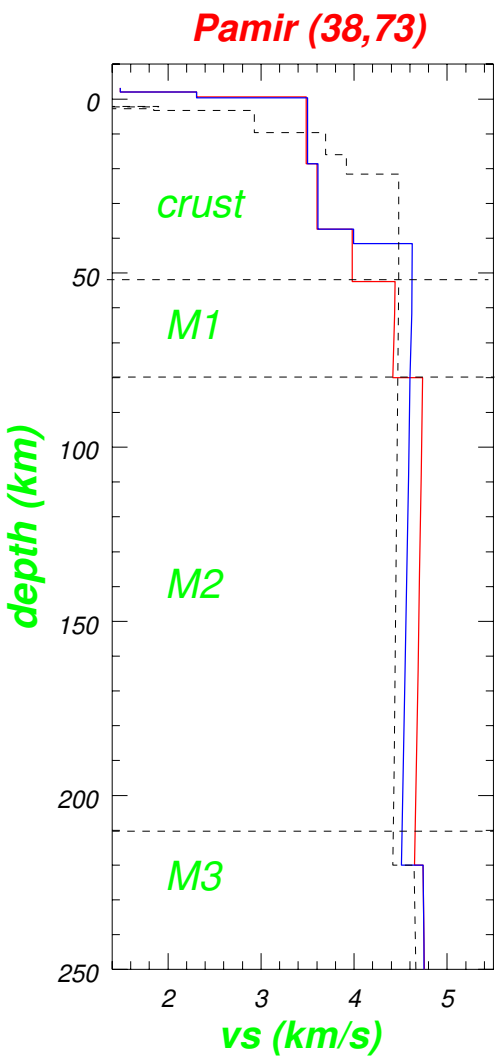
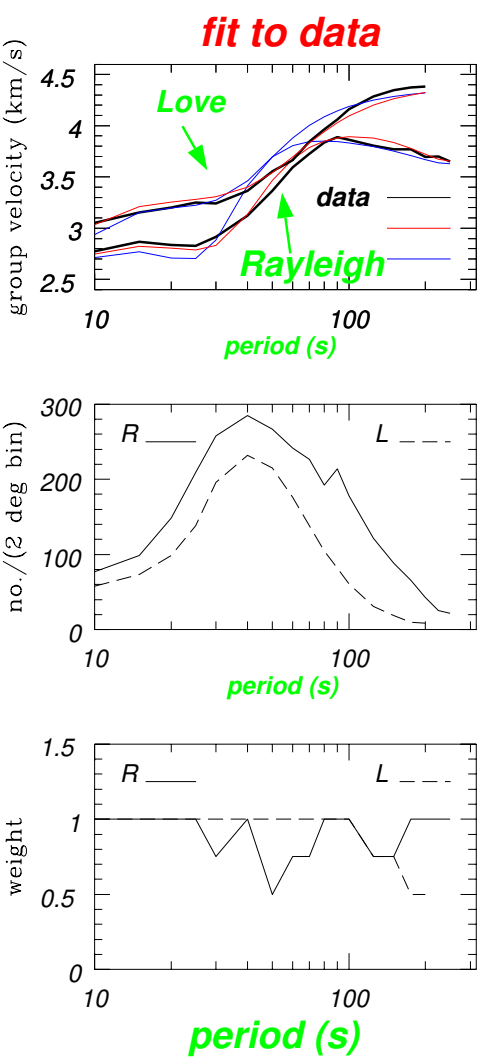
Crust:

***Volume:*** *1 layer -- depth gradient follows Mooney et al., 3 sub-layers*

***Boundaries:*** *Sedimentary basement and Moho are 'free'.*

Mantle: *3 layers: BOC-80km, 80-220km, 220 - 400 km.*

## Fixed:

Vp, ρ, sedimentary velocities, surface topography, ocean depth, Q.

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***PREM***