

Upper Mantle Transition Zone Structure beneath the Philippine Sea Region (3)

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Seismic structure of upper mantle transition zone beneath the Philippine Sea region is studied by modeling of triplicated broadband waveforms.

Local models AZ41 and AZ40 which have high velocity anomalies were derived to represent the structure beneath the northern part, whereas the the southern part can be explained with a standard model ak135. These results support the interpretation that subducted Pacific slab is stagnant above the '660' in northern.