

Lithospheric Structure of the Southeastern US

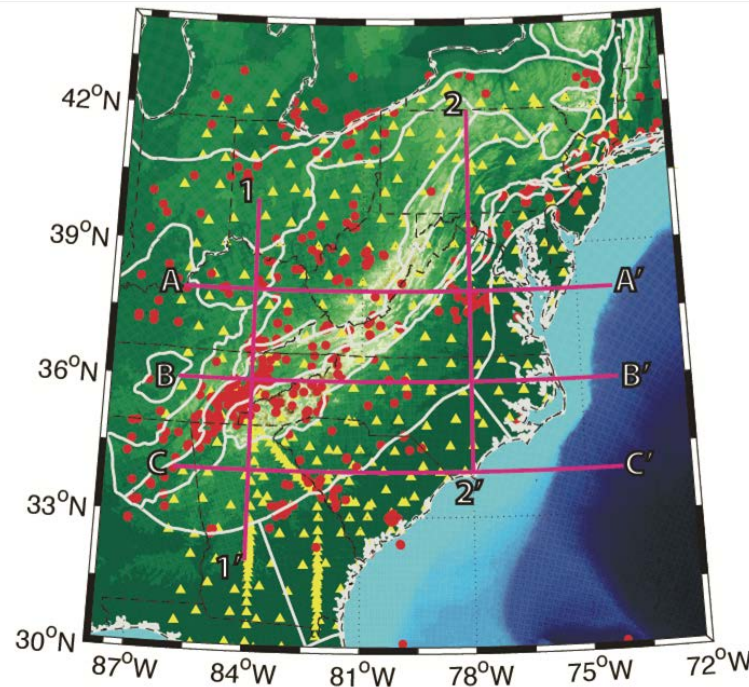
Preliminary results from CCP stacking of Ps and Sp
receiver functions

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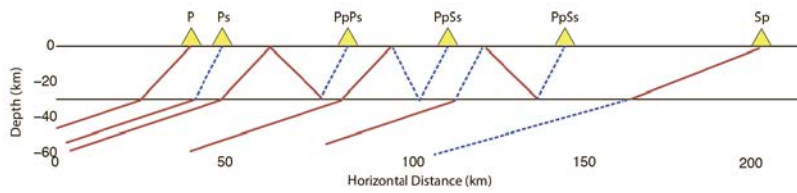
the David & Lucile
Packard
FOUNDATION



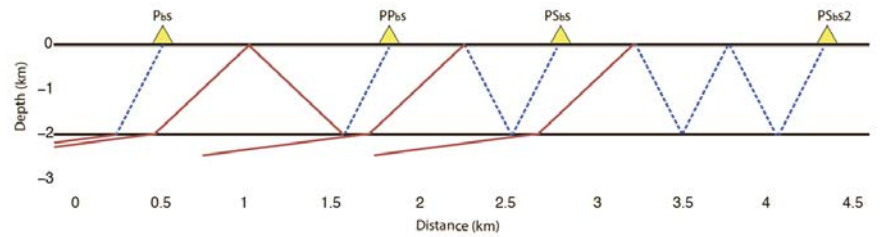
Removing sediment reverberations

Synthetics

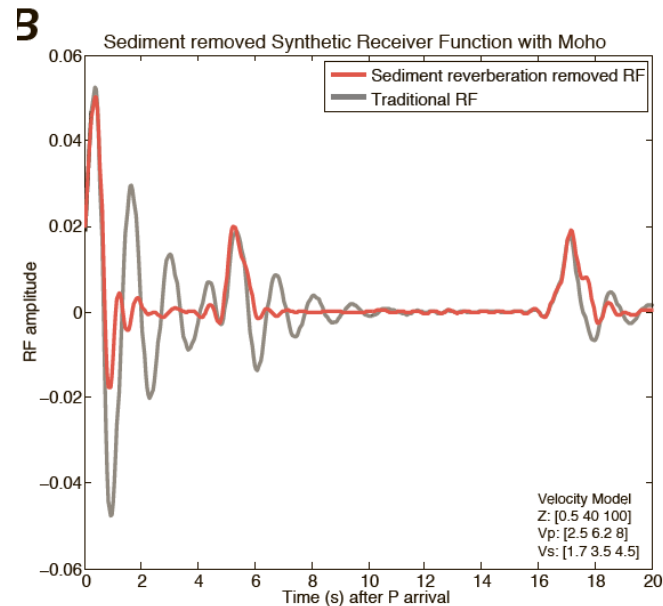
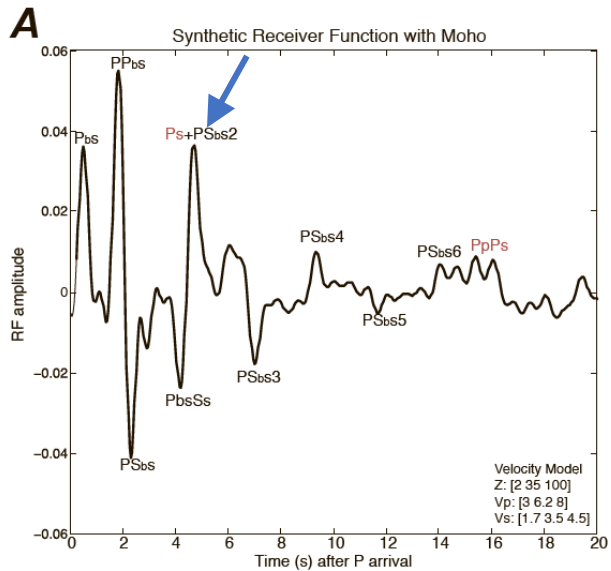
Moho



Sediment



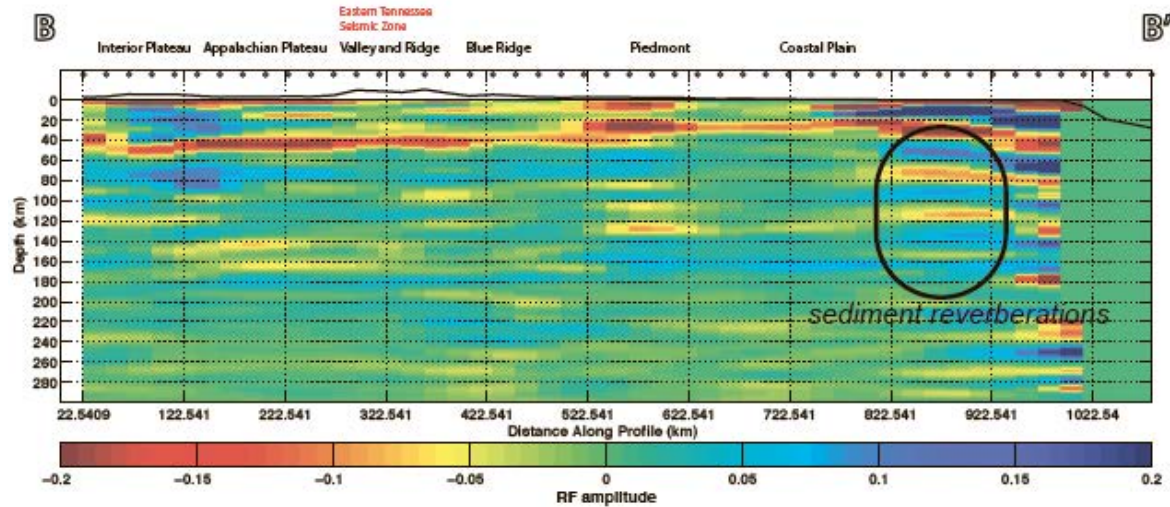
Ps Receiver Function Synthetics



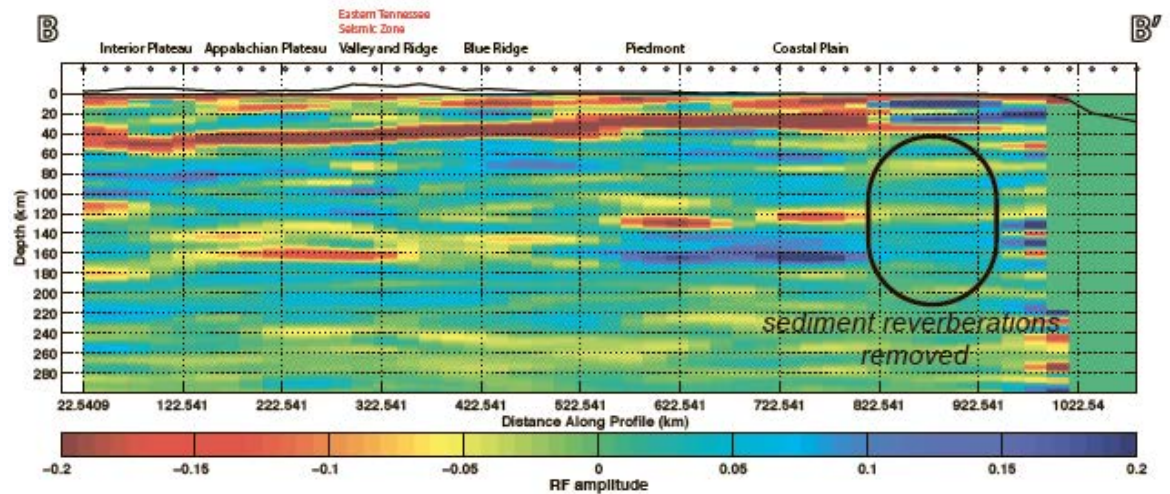
Ps CCP stacks

before and after sediment reverberation removal

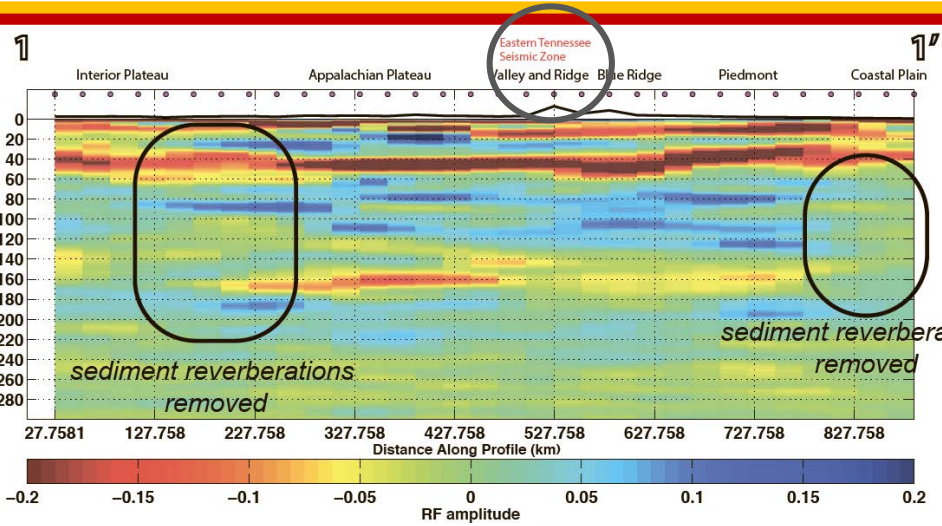
Before sediment reverberation removal



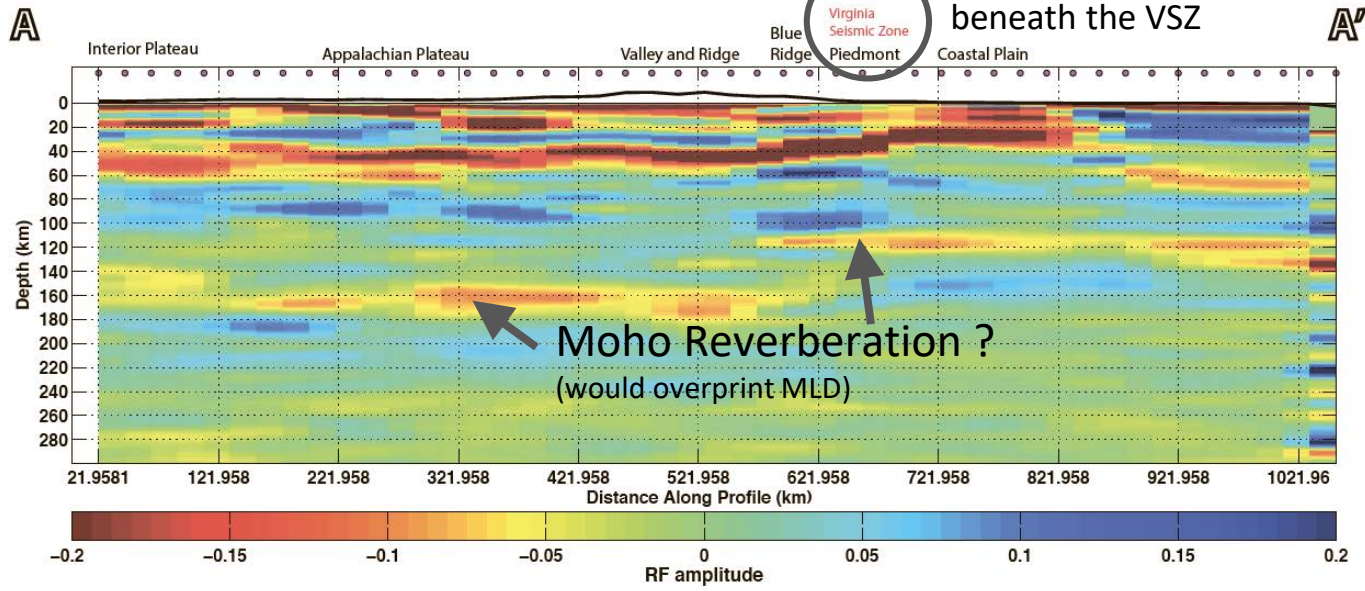
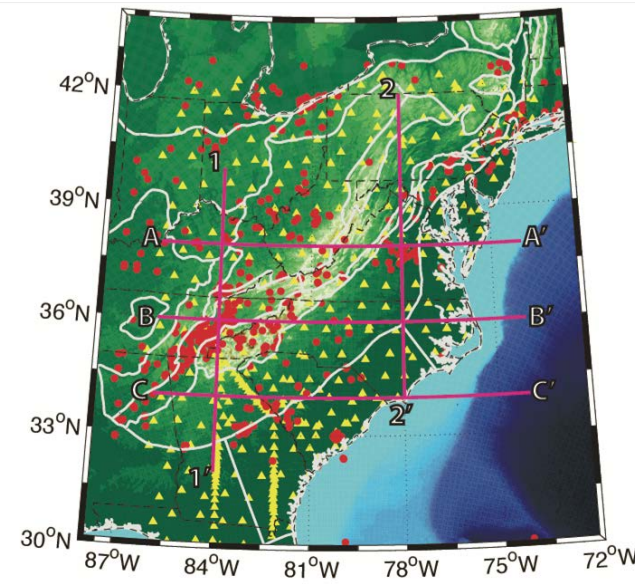
After sediment reverberation removal



Ps CCP cross sections



Change in crustal thickness beneath the ETSZ



Change in crustal thickness beneath the VSZ

Sp CCP cross sections

