Lithospheric Structure of the Southeastern US
Preliminary results from CCP stacking of Ps and Sp receiver functions

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Removing sediment reverberations
Synthetics

Moho

Sediment

Ps Receiver Function Synthetics

A

B
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

Moho Reverberation? (would overprint MLD)
Sp CCP cross sections

Change in crustal thickness beneath the VSZ

Change in crustal thickness beneath the ETSZ