Equatorial Pacific, EOF as Covariance: APE density at 210m EOF 1: 34.21% EOF 2: 13.530000000000001% 120°W 180° 180° 120°W 60°N 60°N 40°N 40°N 20°N 20°N 0° 0° 20°S 20°S 40°S 40°S 60°S 60°S 180° 120°W 180° 120°W -0.36 -0.30 -0.24 -0.18 -0.12 -0.06 0.000.00 0.08 0.32 0.40 0.06 0.16 0.24 0.48 0.56 0.12 -0.080.64 0.18 APE Variance,  $Jkg^{-1}$ APE Variance,  $Jkg^{-1}$ EOF 3: 6.03% EOF 4: 4.45% 120°W 120°W 180° 180° 60°N 60°N 40°N 40°N 20°N 20°N 0° 0° 20°S 20°S 40°S 40°S 60°S 60°S 180° 120°W 180° 120°W 0.00 0.04 0.08 0.12 0.16 0.00 0.04 0.08 0.12 -0.16 -0.12 -0.08-0.04-0.08-0.040.16 0.20 -0.12APE Variance,  $Jkg^{-1}$ APE Variance,  $Jkg^{-1}$