cis-Azobenzene absorption spectra --- CASSCF B3LYP, STO-3G - CAM-B3LYP, STO-3G 1750 wB97X-D3, STO-3G - PBE0, STO-3G B3PW91, STO-3G LSD, STO-3G - CAM-B3LYP-D4, STO-3G M062X, STO-3G 1500 1250 1000 Intensity 750 500 250 0

700

600

Wave length (nm)

800

900

400

500

300