trans-Azobenzene Absorption spectra --- CASSCF wB97X-D3, cc-pVDZ wB97X-D3, STO-3G wB97X-D3, pc-0 wB97X-D3, pc-1 70 wB97X-D3, pc-2 wB97X-D3, 6-311++Gdp wB97X-D3, 6-31++Gdp wB97X-D3, aug-cc-pVDZ wB97X-D3, aug-pc-1 60 wB97X-D3, aug-pc-0 50 Intensity 0 30 20 10 0

600

Wave length (nm)

700

800

900

400

500

300