Cu OAO occupations Nup+Ndown Nup-Ndown 2.0 0.5 1.8 1.6 0.0 1.4 1.2 -0.51.0 8.0 38 3dxy 3dyz 3dxz 3s 3px 3py 3pz 3dxy 3dyz **4**s 3px 3py 3pz 3dz^2 **4**s