Hydrogen Sarge-acidic-Cu: -386.0 mV/dec Grego-Cu-sph: -152.5 mV/dec Grego-Cu-cub: -185.0 mV/dec -382.6 mV/dec Grego-Cu-oh: -29.6 mV/dec Hahn-Cu-111: -979.1 mV/dec 8.5 Hahn-Cu-100: -684.6 mV/dec Hahn-Cu-751: -204.9 mV/dec Huang-100: -406.8 mV/dec Huang-111: -158.2 mV/dec Huang-110: -242.1 mV/dec Kuhl-pc-Cu: -1019.8 mV/dec Current density  $[10^{x} \text{ mA/cm}^{2}]$ 8.0 Ren-Cu-10: -1734.7 mV/dec Ren-CuO-10: -438.2 mV/dec Ren-CuO-60: -216.3 mV/dec Sarge-Cu-NP: -167.7 mV/dec Sarge-Cu-NP-N-C: -54.0 mV/dec Zuett-Cu-NW1: -296.0 mV/dec 7.5 Zuett-Cu-NW2: -461.9 mV/dec 7.0 6.5 6.0 5.5

-1.4

-1.2

U<sub>SHE</sub> [V]

-1.0

-0.8

-1.8

-1.6