

Pd₁Cu (100)

Ru(0001)

$$-0.60 \frac{\text{eV}}{\text{V}} > m > -0.80 \frac{\text{eV}}{\text{V}}$$

m – electrosorption valency

Δq – partial charge transfer

Adsorption
Strength

$$m \Leftrightarrow \Delta q$$

Δq

Energy

Transition state

-0.50 V

-0.20 V

0.10 V

Potential

Rxn coord

