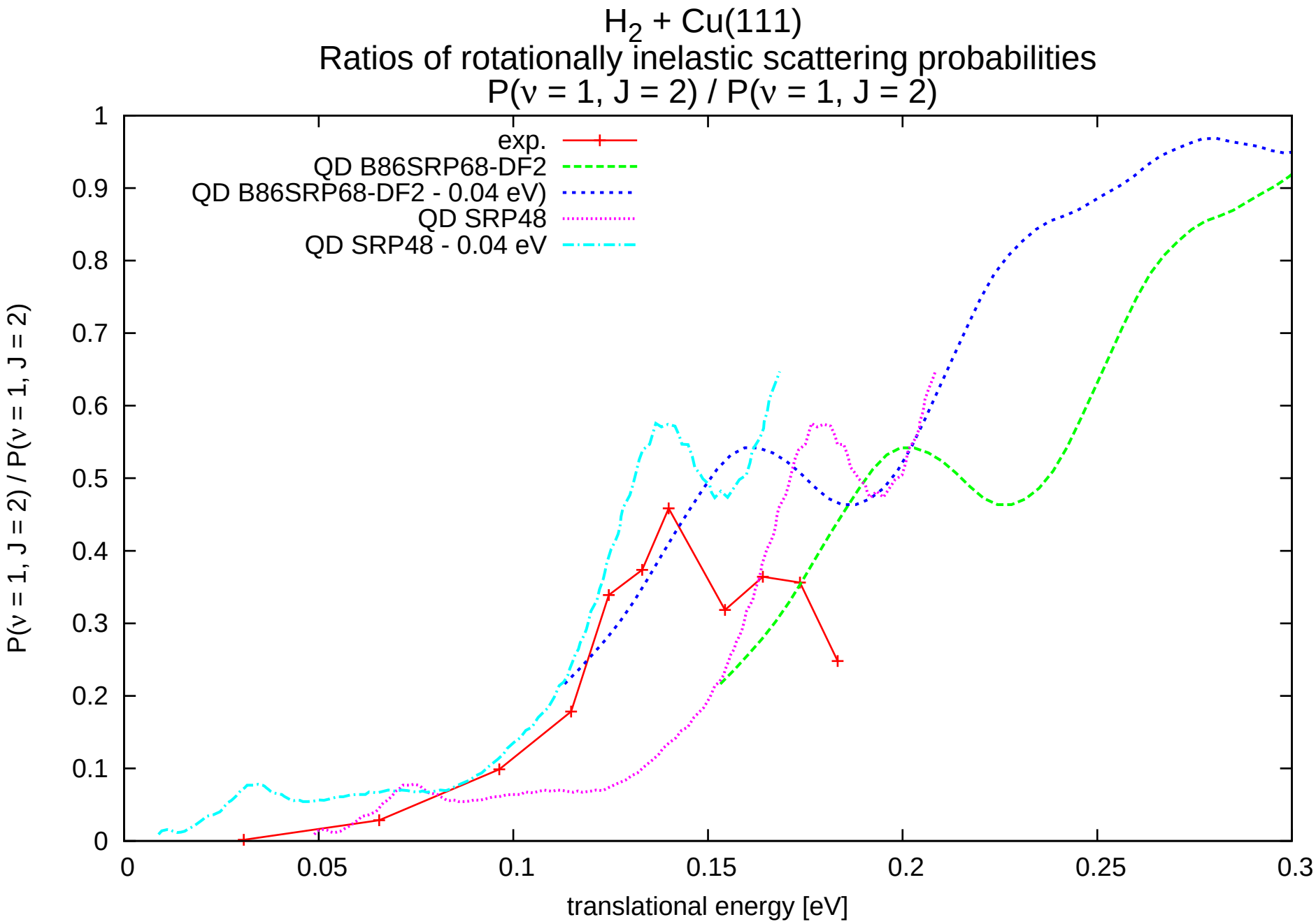
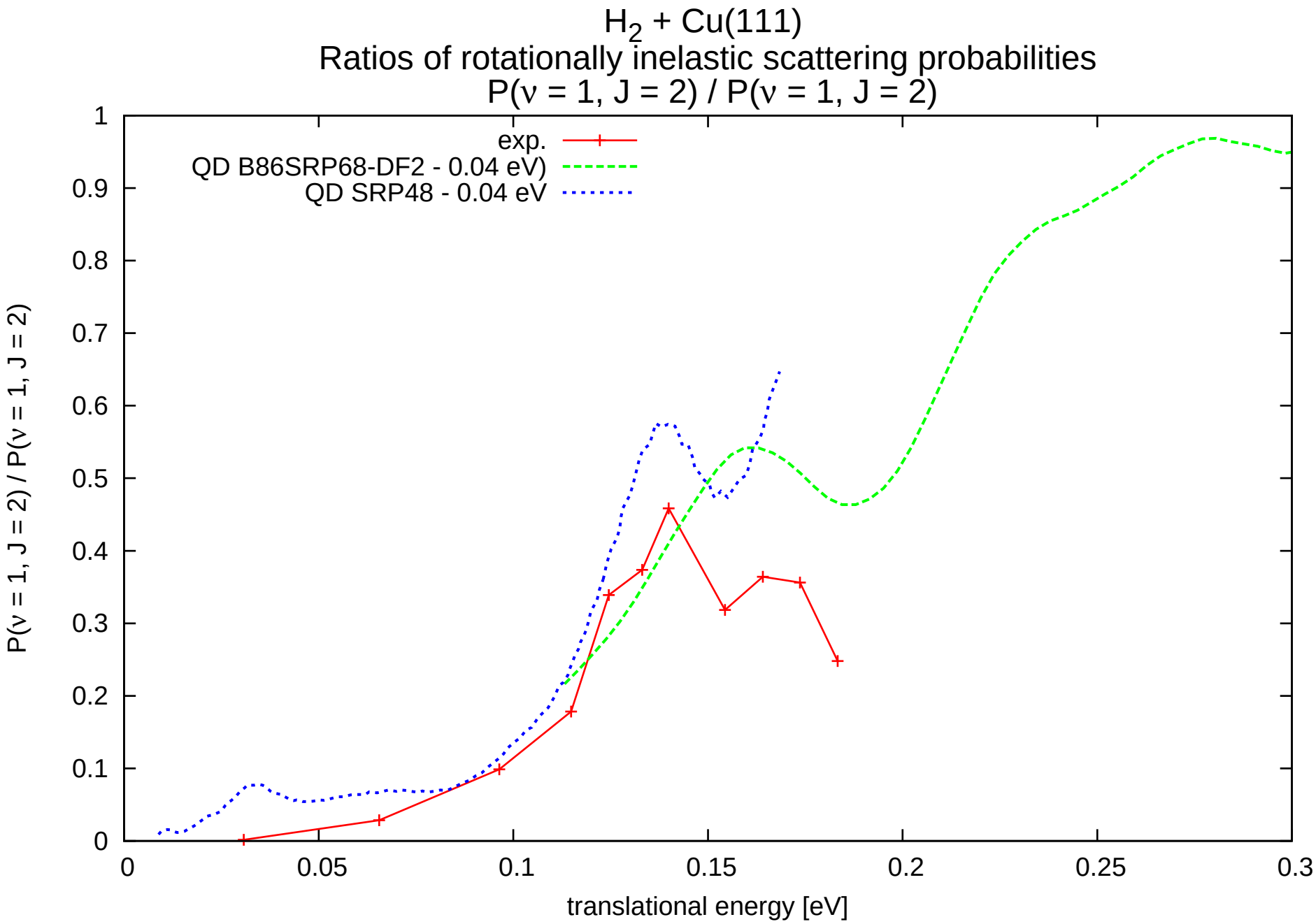

H2 + Cu(111)
Ratios of rotationally inelastic scattering probabilities
P(ν = 1, J = 2) / P(ν = 1, J = 2)
exp.
QD B86SRP68-DF2
QD B86SRP68-DF2 - 0.04 eV)
QD SRP48
QD SRP48 - 0.04 eV
P(ν = 1, J = 2) / P(ν = 1, J = 2)
translational energy [eV]
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
0.05
0.1
0.15
0.2
0.25
0.3


H2 + Cu(111)
Ratios of rotationally inelastic scattering probabilities
P(ν = 1, J = 2) / P(ν = 1, J = 2)
exp.
QD B86SRP68-DF2 - 0.04 eV)
QD SRP48 - 0.04 eV
P(ν = 1, J = 2) / P(ν = 1, J = 2)
translational energy [eV]
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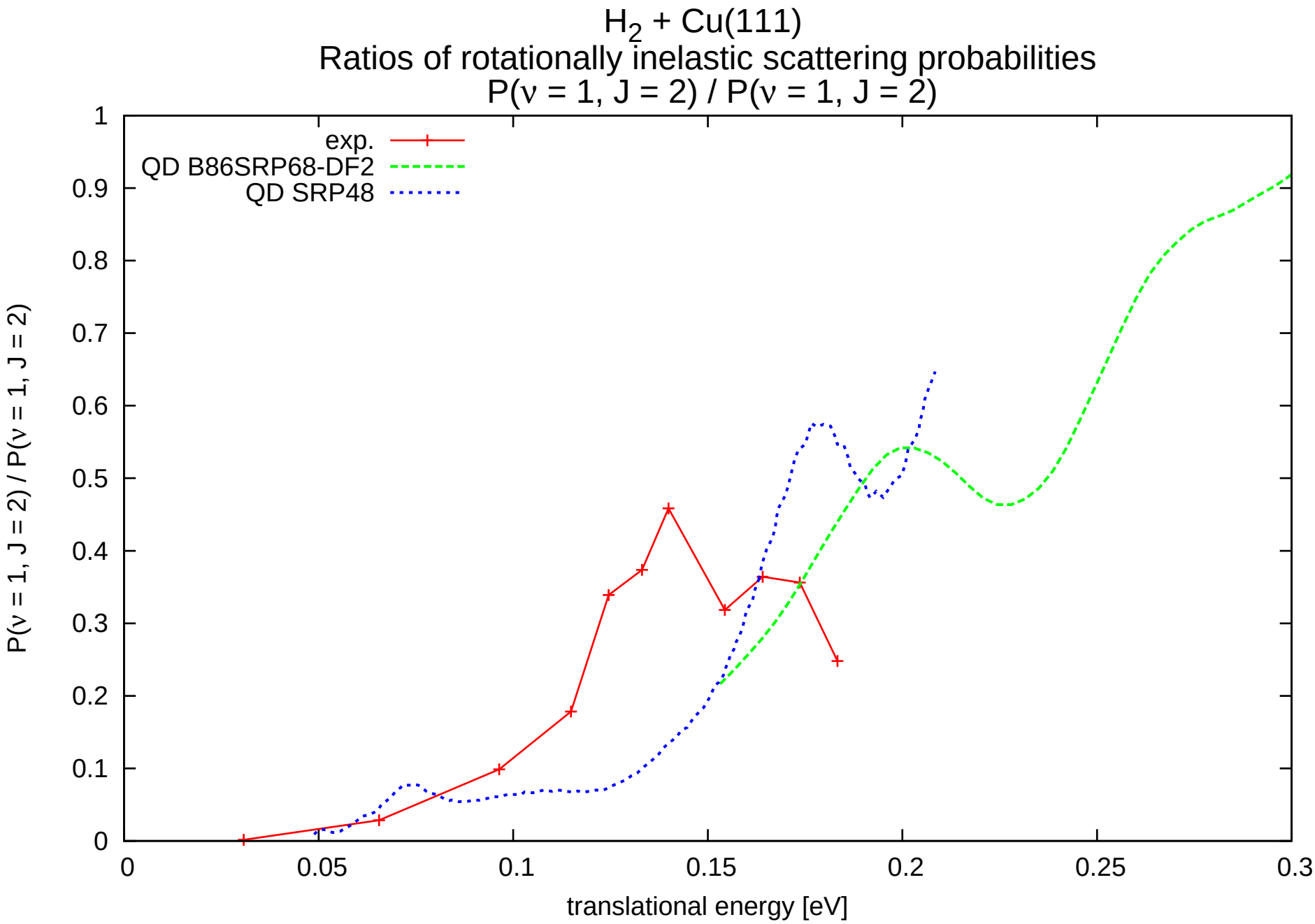
0.7
0.8
0.9
1
0
0.05
0.1
0.15
0.2
0.25
0.3


H2 + Cu(111)
Ratios of rotationally inelastic scattering probabilities
P(ν = 1, J = 2) / P(ν = 1, J = 2)
exp.
QD B86SRP68-DF2
QD SRP48
P(ν = 1, J = 2) / P(ν = 1, J = 2)
translational energy [eV]
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0.25
0.3