

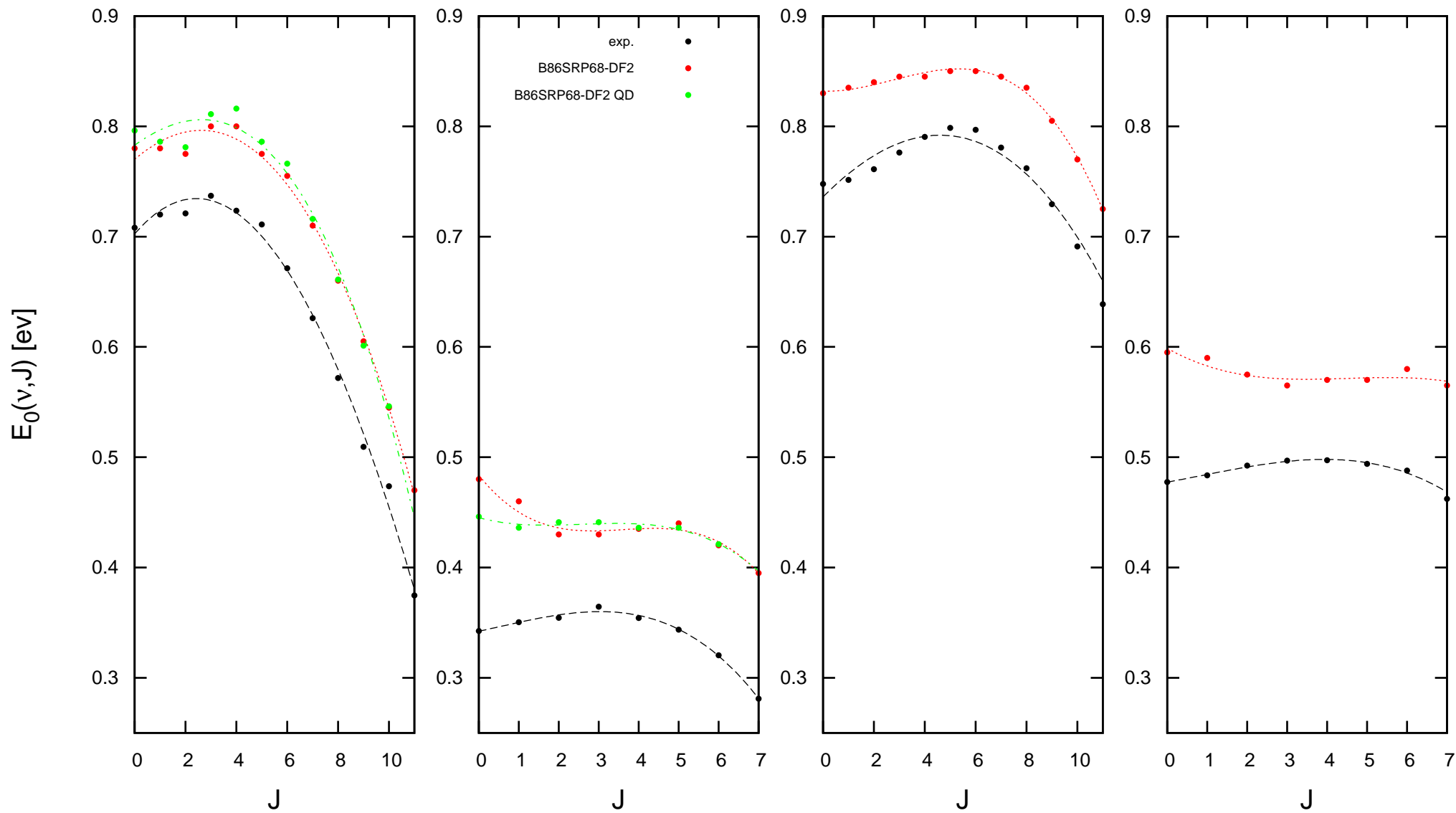
B86SRP68-DF2  $E_0(v,J)$  trendline Cu(111)  
fit  $f(x) = a + bx + cx^2 + dx^3$

$H_2 v = 0$

$H_2 v = 1$

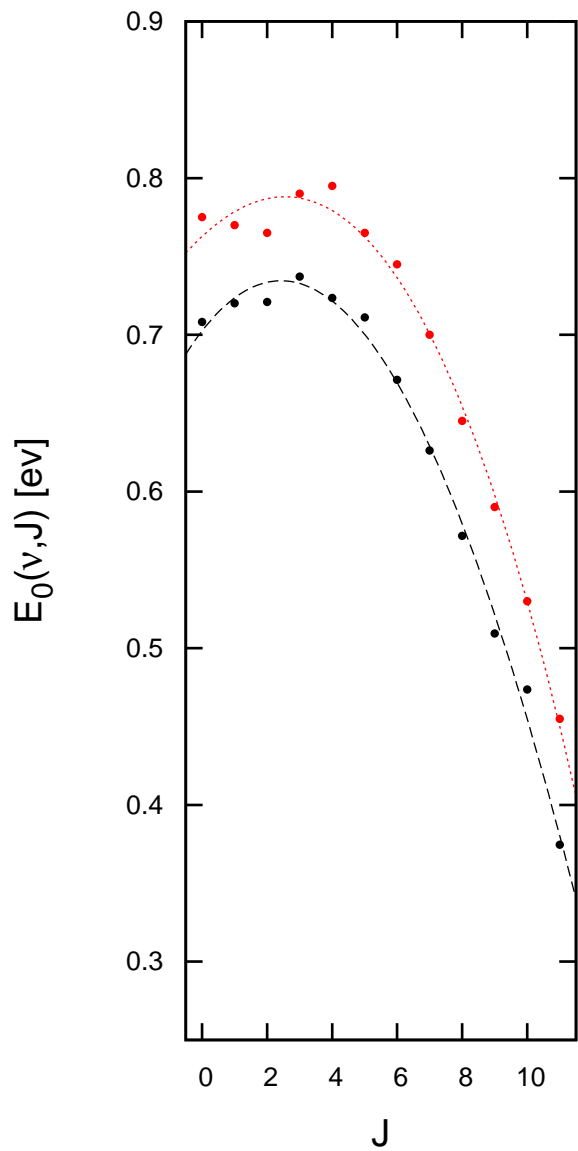
$D_2 v = 0$

$D_2 v = 1$

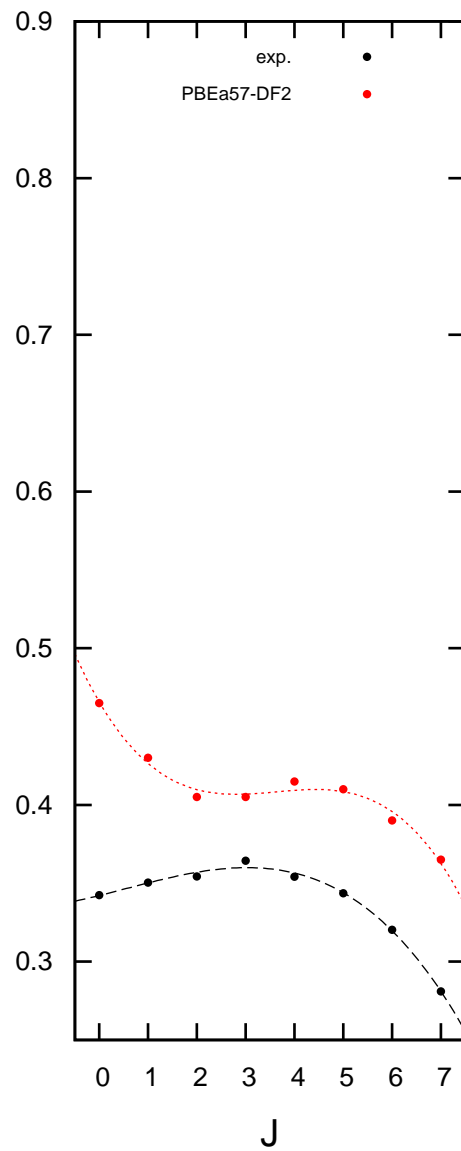


PBEa57-DF2  $E_0(v,J)$  trendline Cu(111)  
fit  $f(x) = a + bx + cx^2 + dx^3$

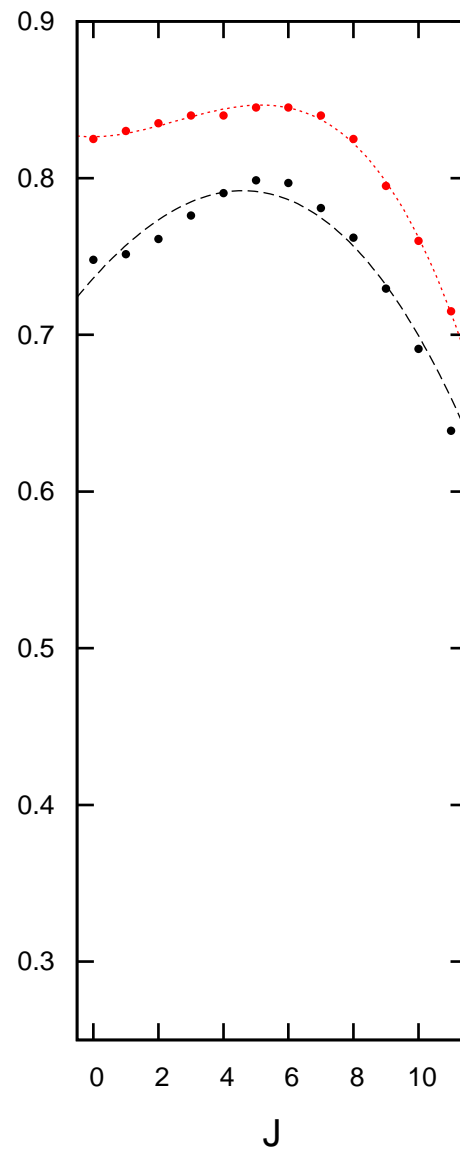
H<sub>2</sub> v = 0



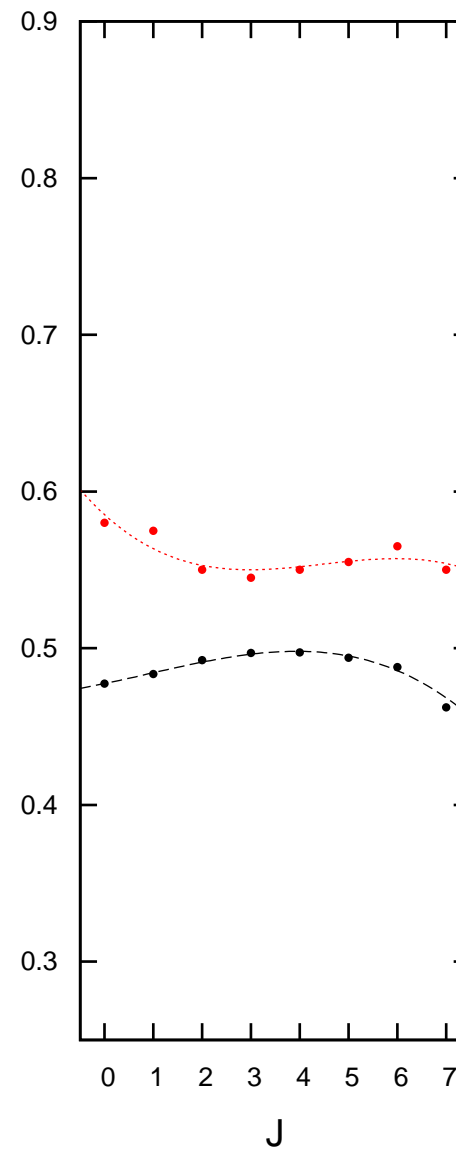
H<sub>2</sub> v = 1



D<sub>2</sub> v = 0

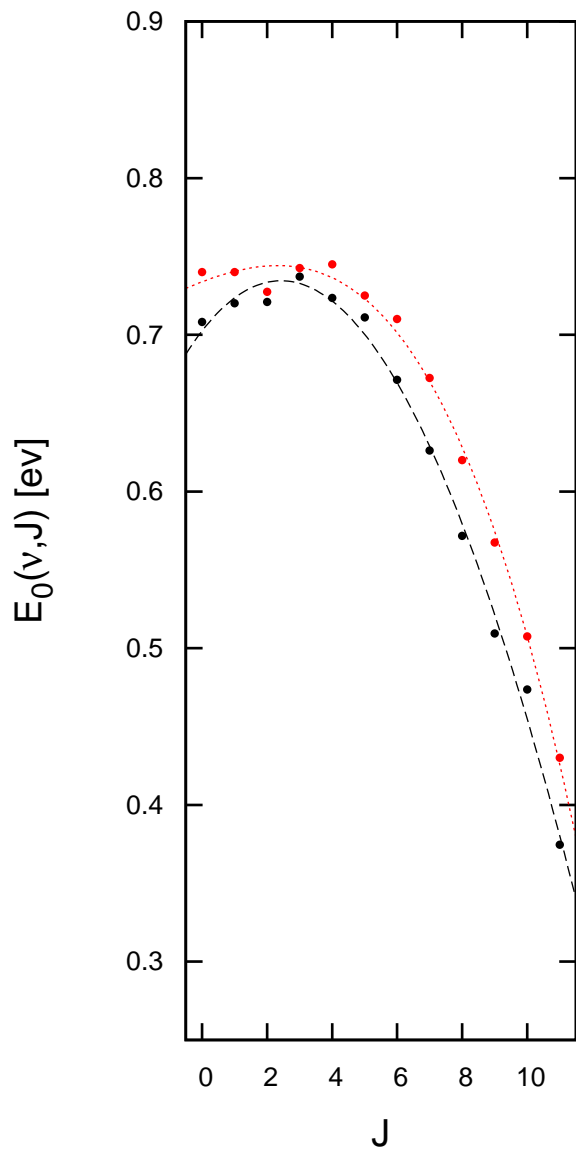


D<sub>2</sub> v = 1

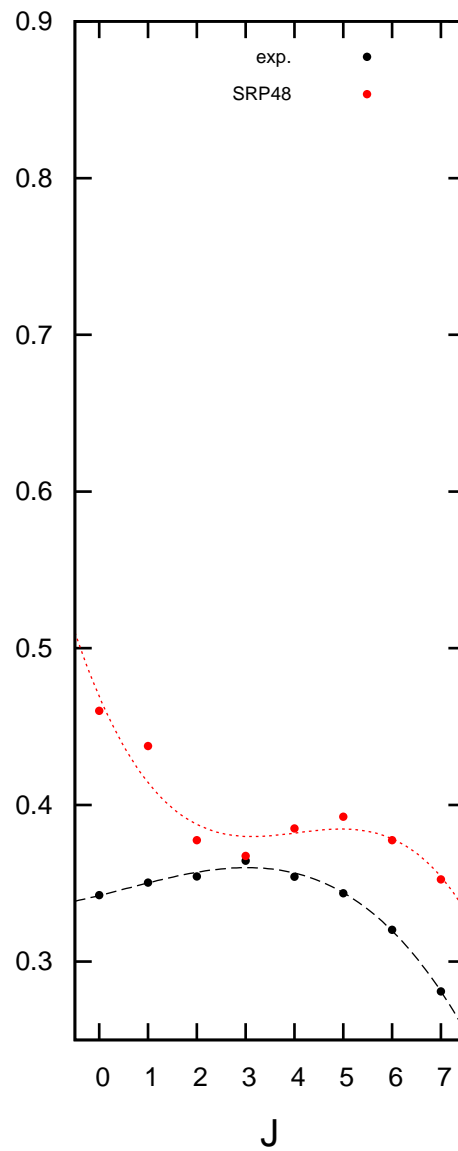


SRP48  $E_0(v,J)$  trendline Cu(111)  
fit  $f(x) = a + bx + cx^2 + dx^3$

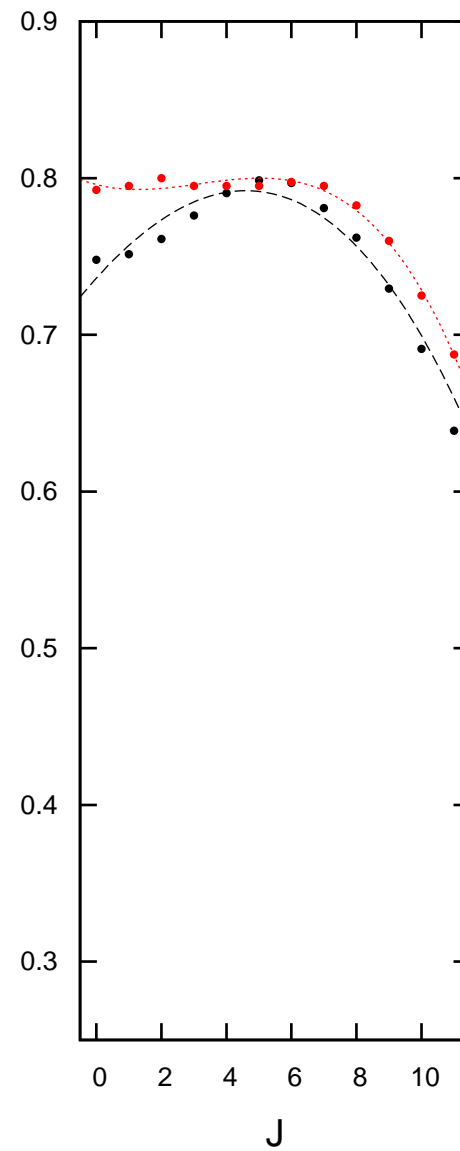
H<sub>2</sub> v = 0



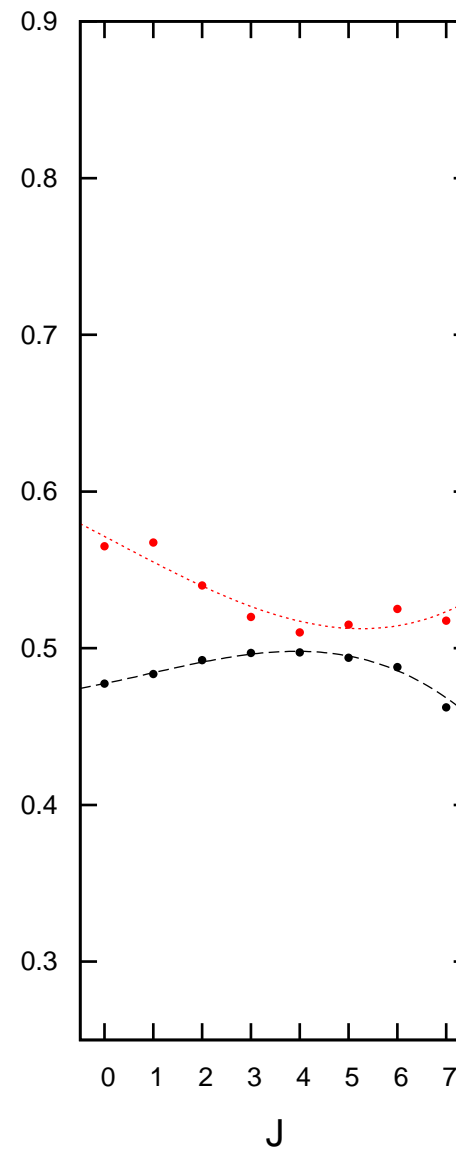
H<sub>2</sub> v = 1



D<sub>2</sub> v = 0

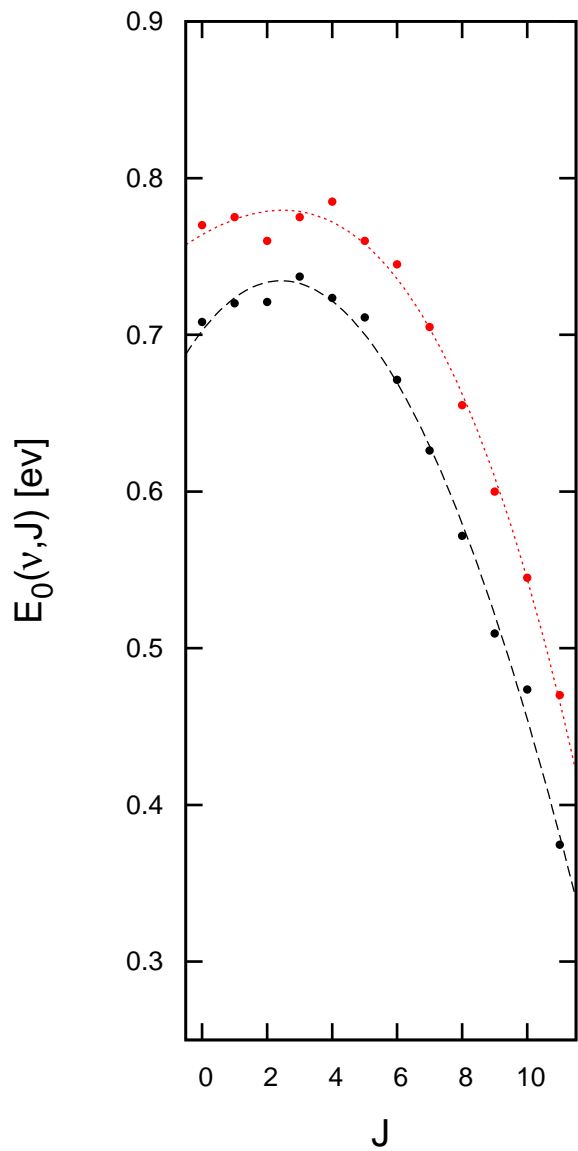


D<sub>2</sub> v = 1

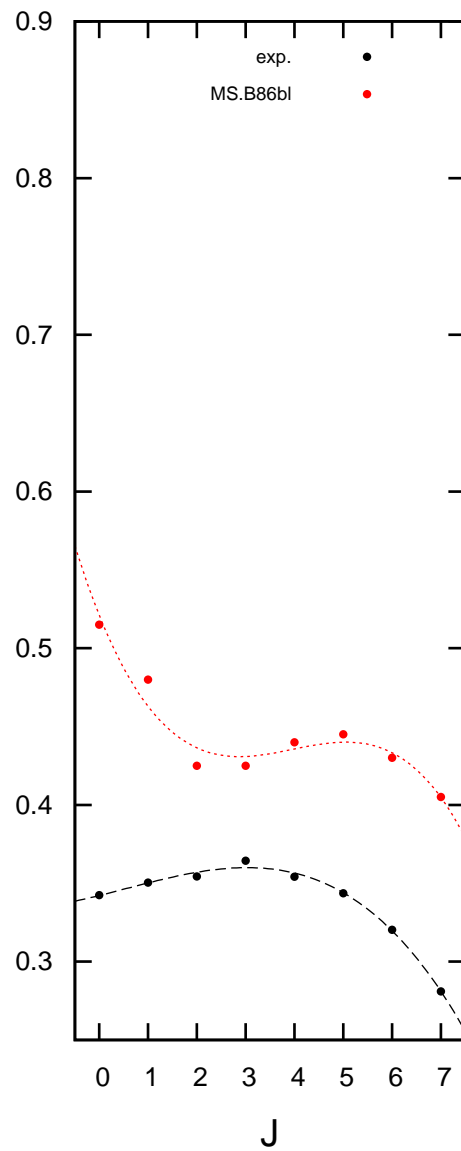


MS.B86bl  $E_0(v,J)$  trendline Cu(111)  
fit  $f(x) = a + bx + cx^2 + dx^3$

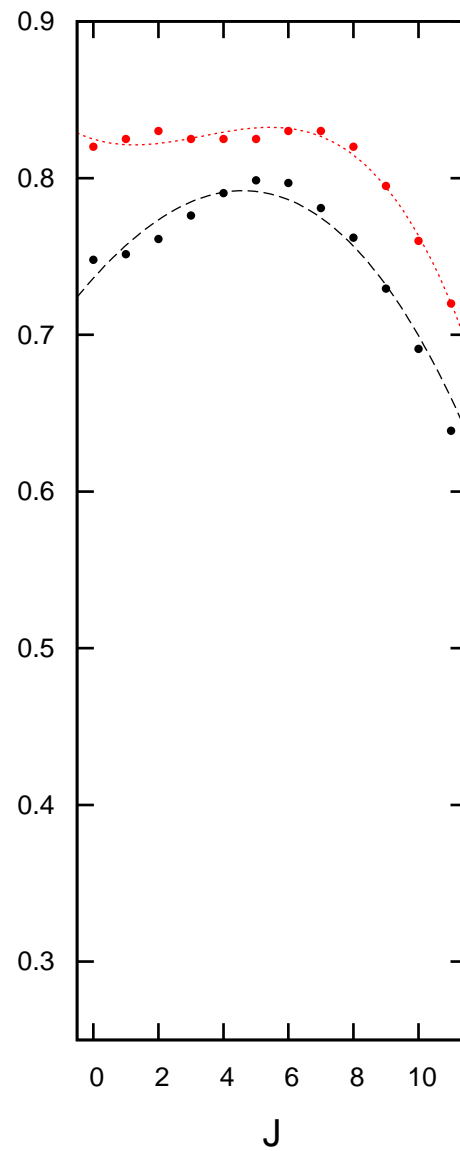
H<sub>2</sub> v = 0



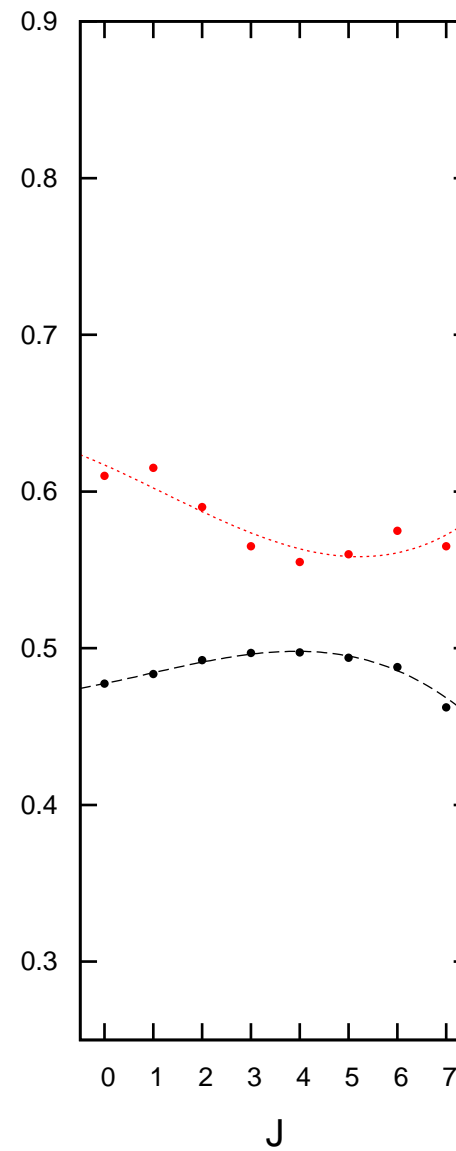
H<sub>2</sub> v = 1



D<sub>2</sub> v = 0

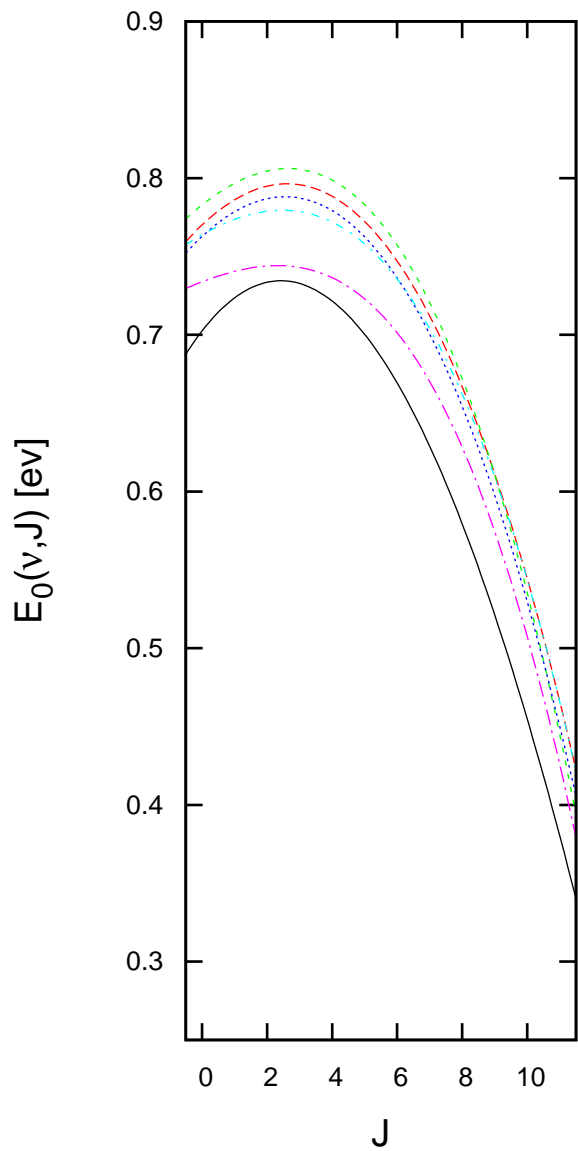


D<sub>2</sub> v = 1

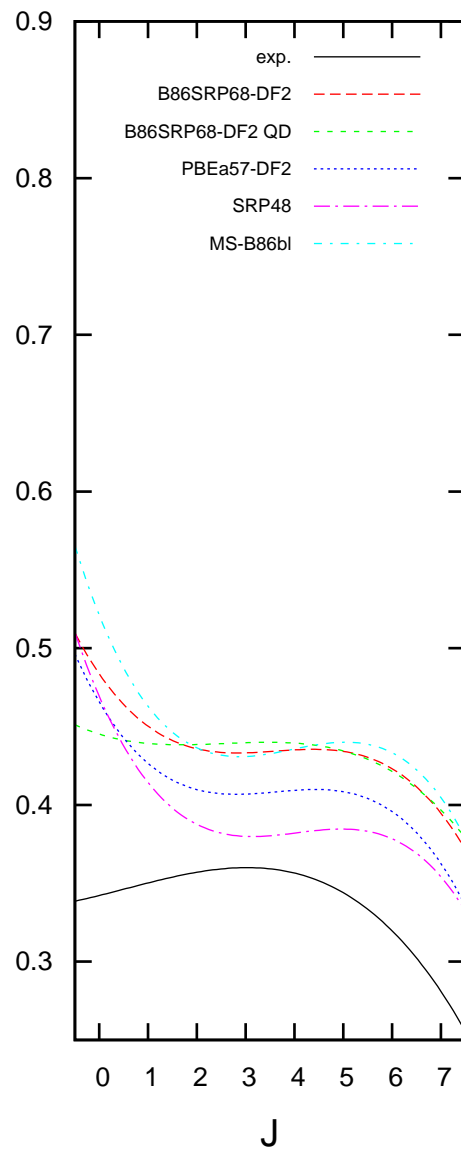


trendlines of  $E_0(v,J)$  Cu(111)  
fit  $f(x) = a + bx + cx^2 + dx^3$

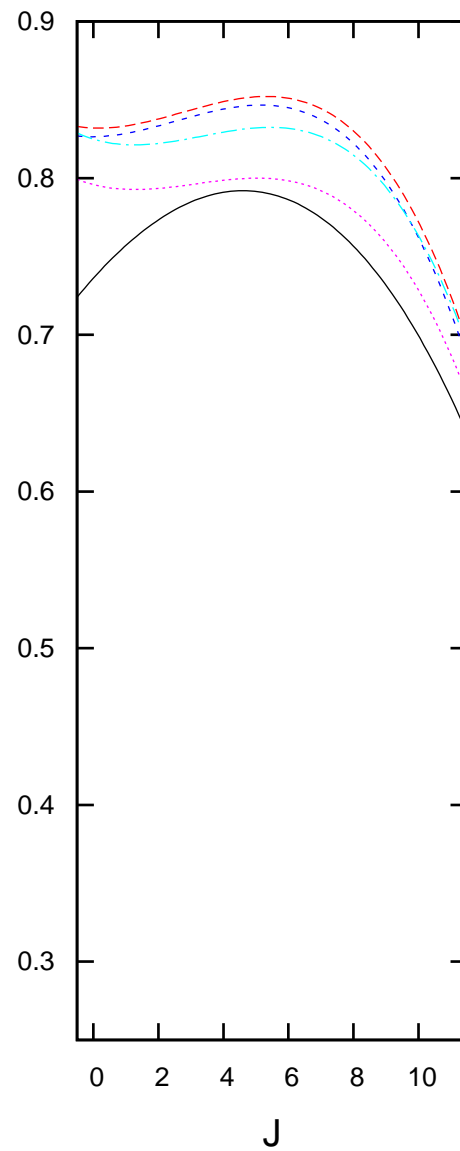
H<sub>2</sub> v = 0



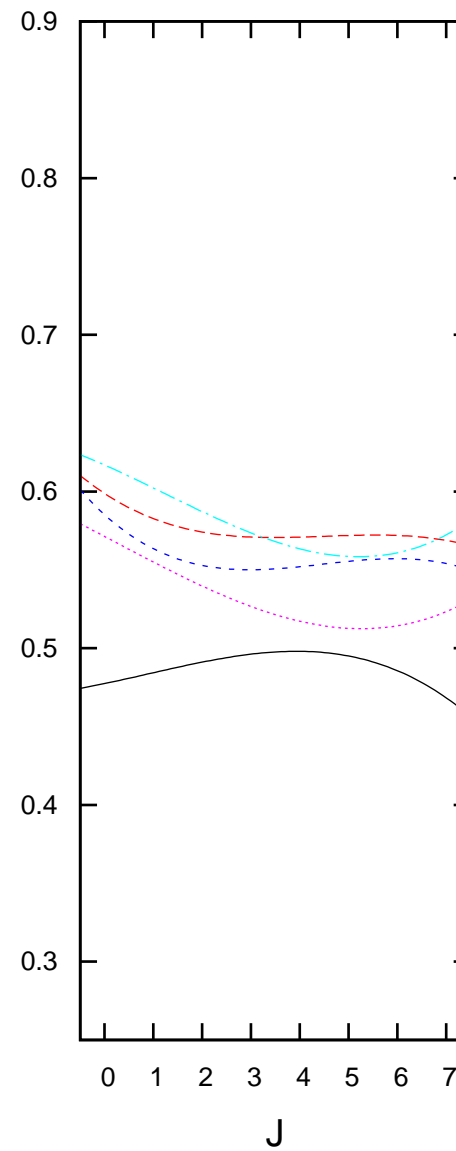
H<sub>2</sub> v = 1



D<sub>2</sub> v = 0



D<sub>2</sub> v = 1



trendlines of  $E_0(v,J)$  Cu(111)  
fit  $f(x) = bx + cx^2 + dx^3$   
a parameter removed for comparison!

