trendlines of $E_0(\nu, J)$ Cu(111)

fit $f(x) = bx + cx^2 + dx^3$

a parameter removed for comparison!

H$_2$ $\nu = 0$ **H$_2$ $\nu = 1$** **D$_2$ $\nu = 0$** **D$_2$ $\nu = 1$**

arb. units

J

exp.
B86SRP68-DF2
B86SRP68-DF2 QD
PBEa57-DF2
SRP48
MS-B86bl