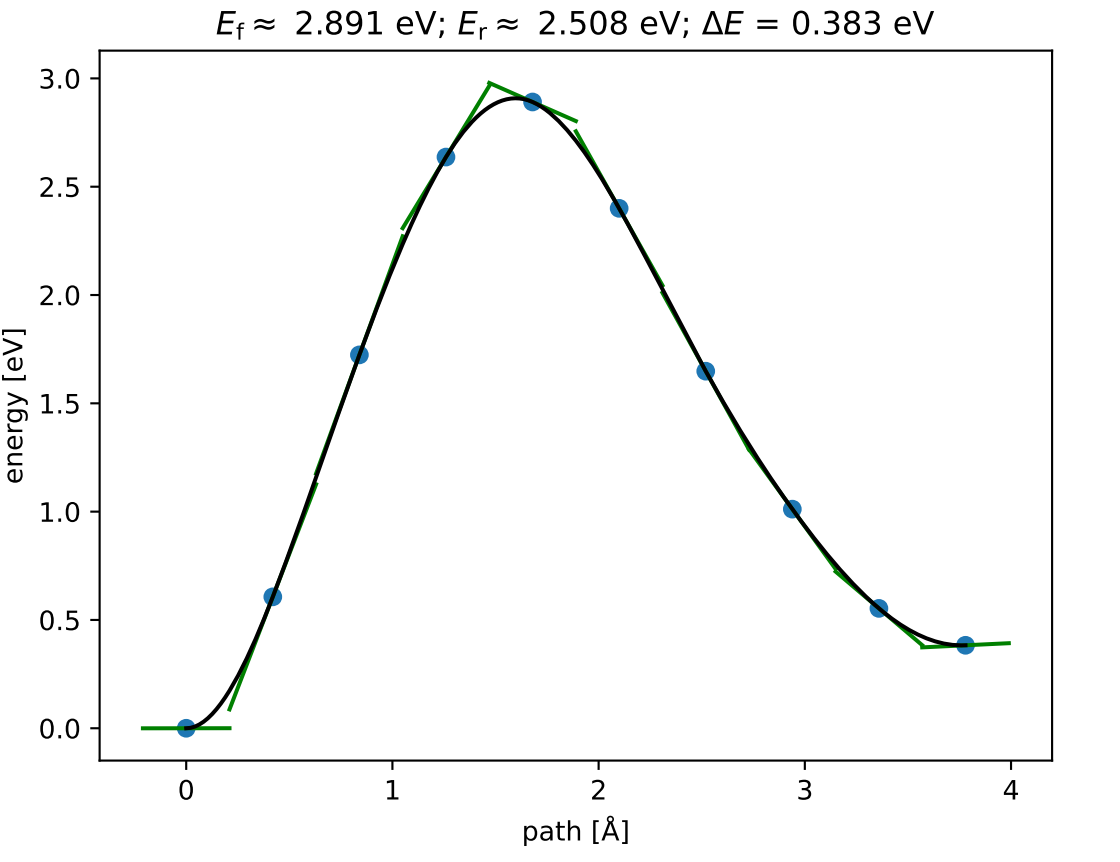
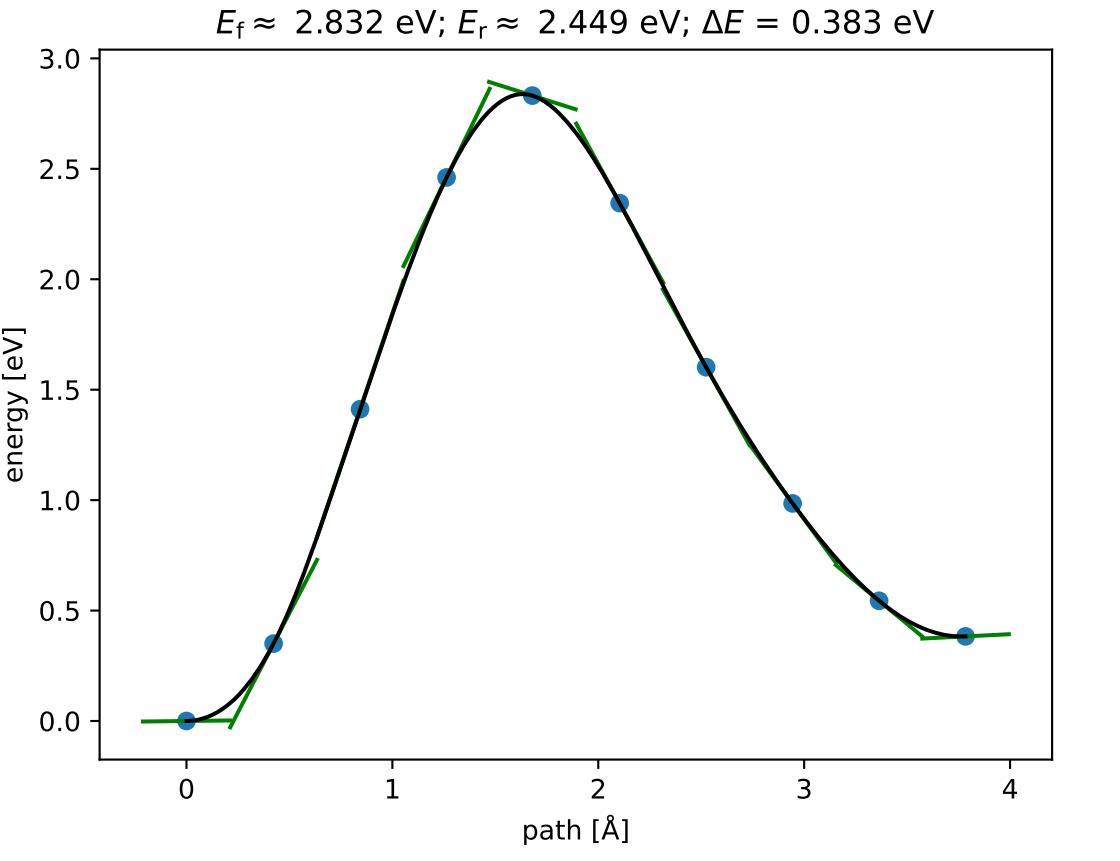
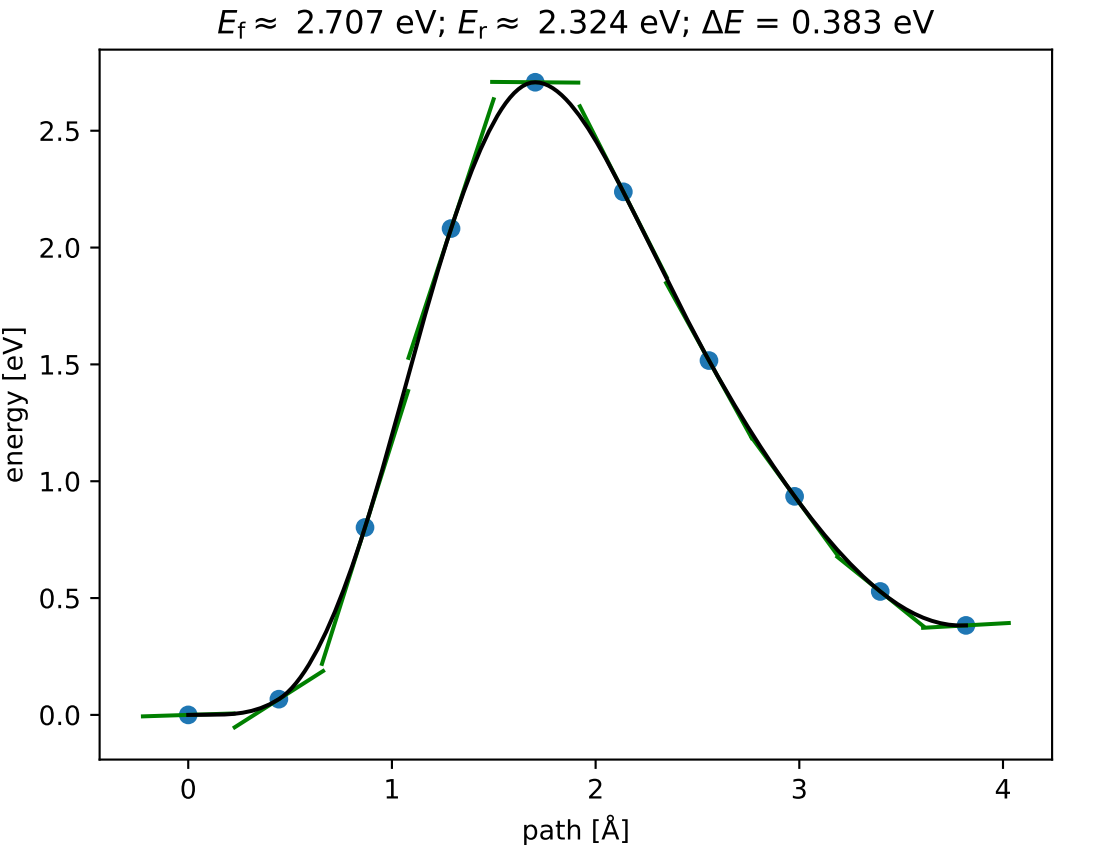
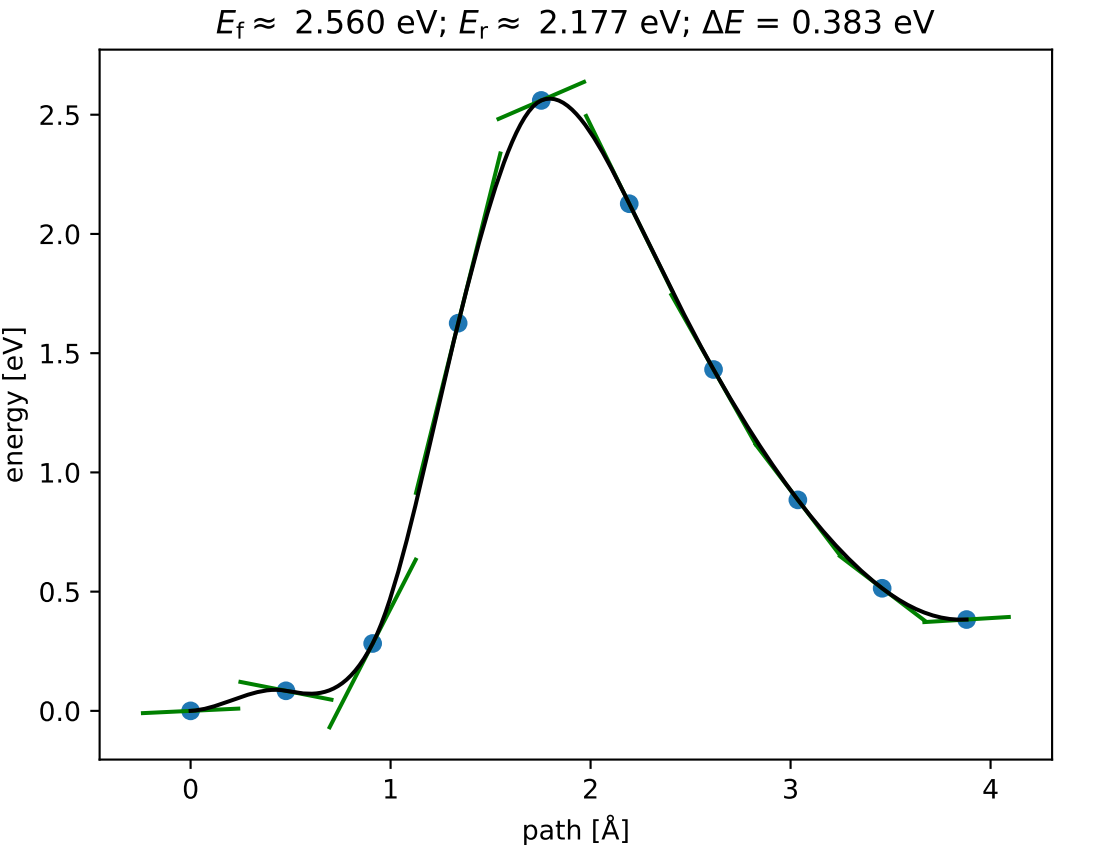
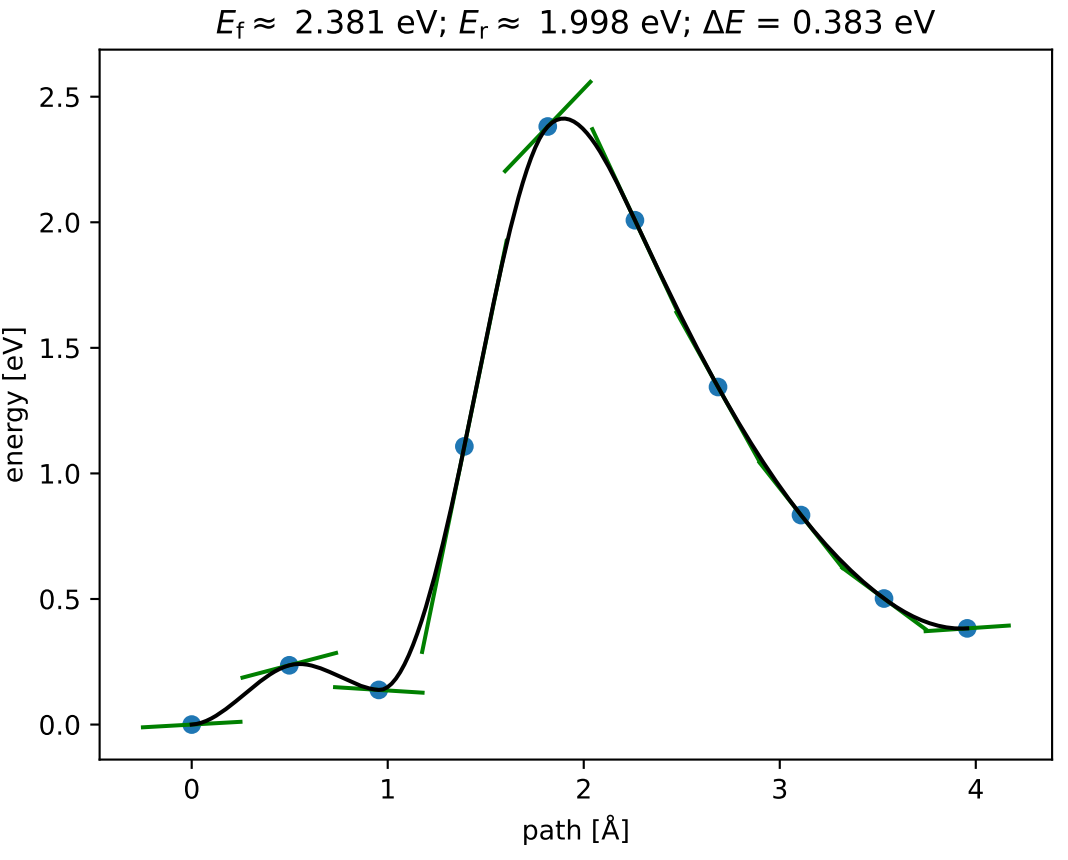
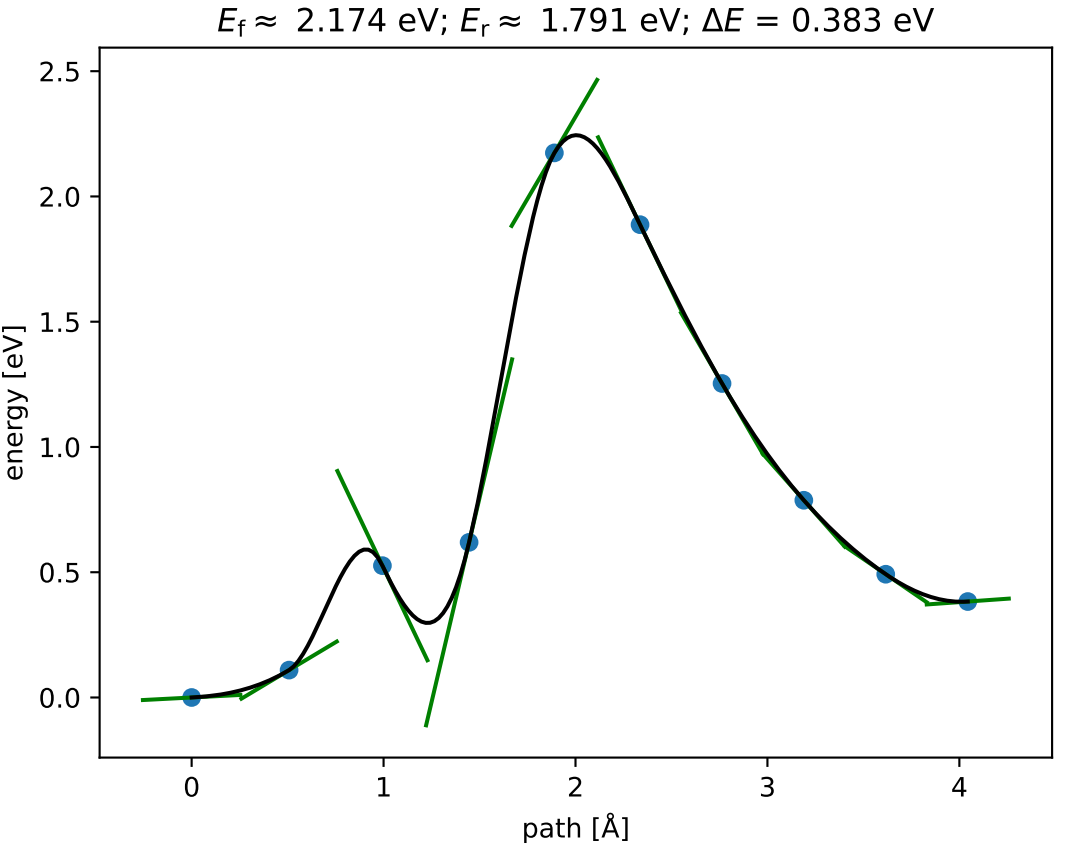

$E_f \approx$ 2.891 eV; $E_r \approx$ 2.508 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
1
2
3
4

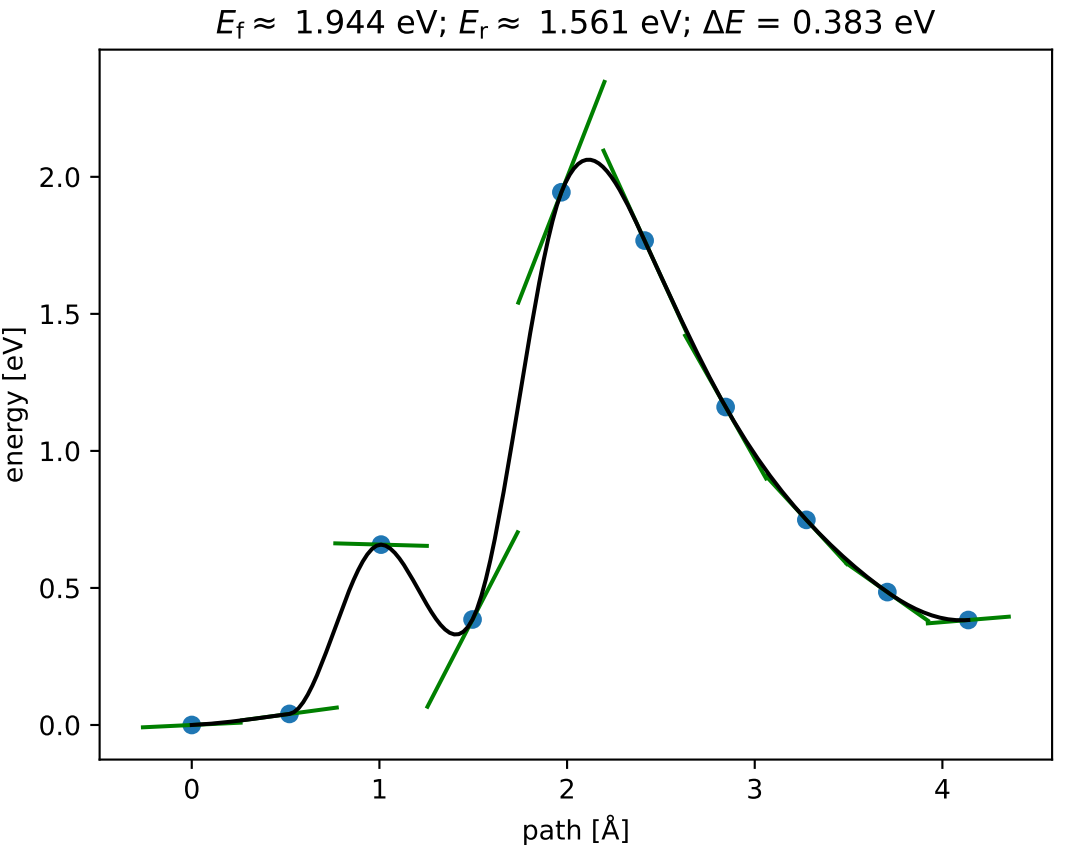

$E_f \approx$ 2.832 eV; $E_r \approx$ 2.449 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
1
2
3
4

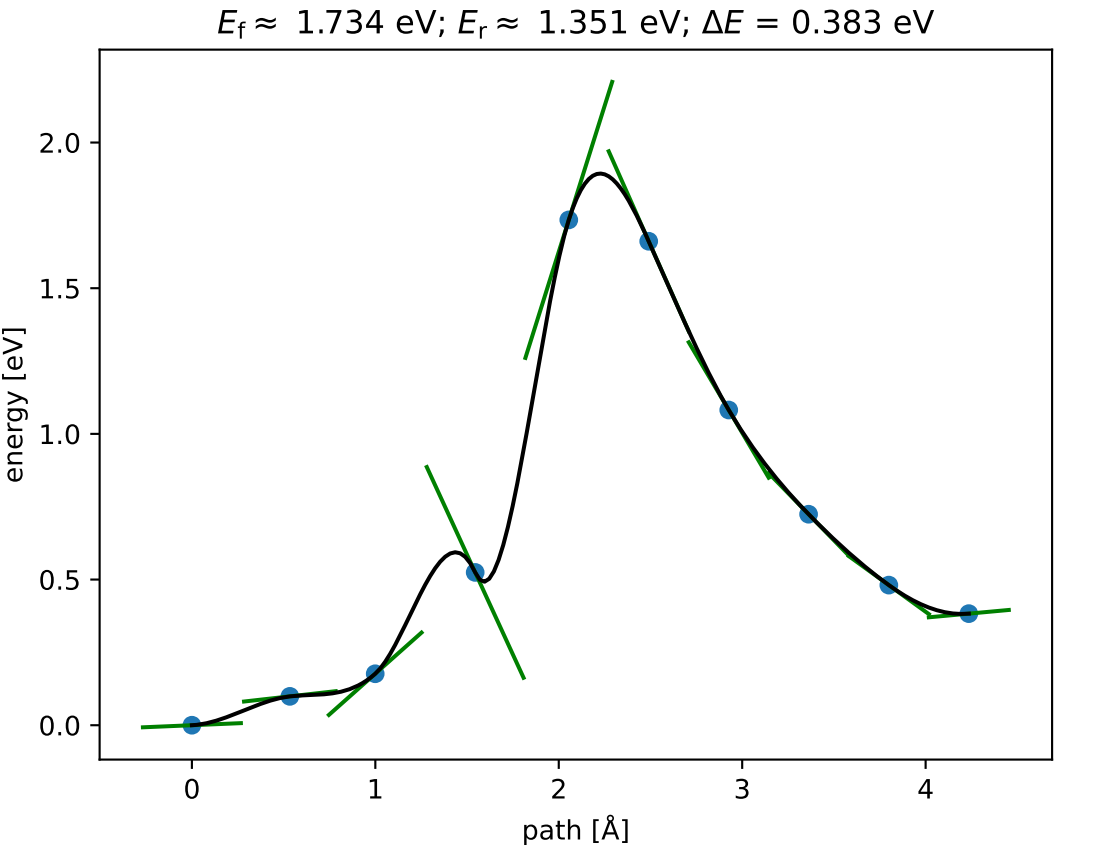

$E_f \approx$ 2.707 eV; $E_r \approx$ 2.324 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
2.5
0
1
2
3
4

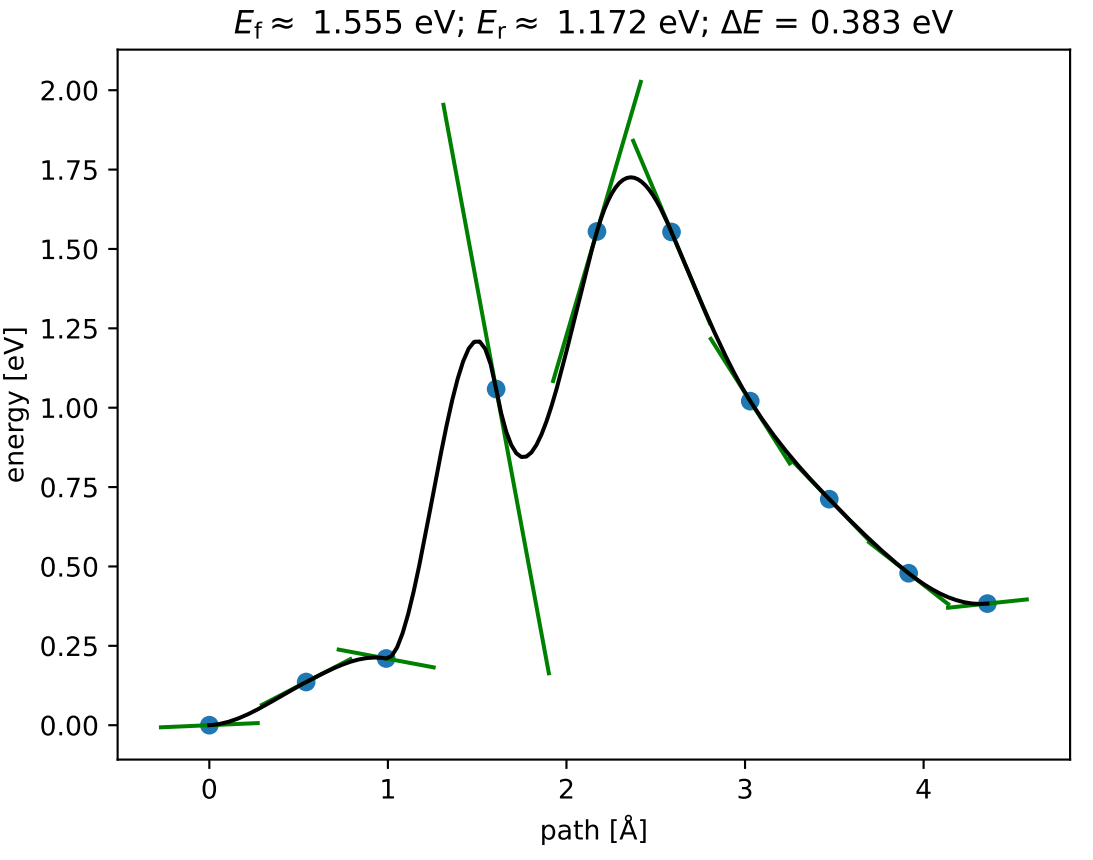

$E_f \approx$ 2.560 eV; $E_r \approx$ 2.177 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
2.5
0
1
2
3
4

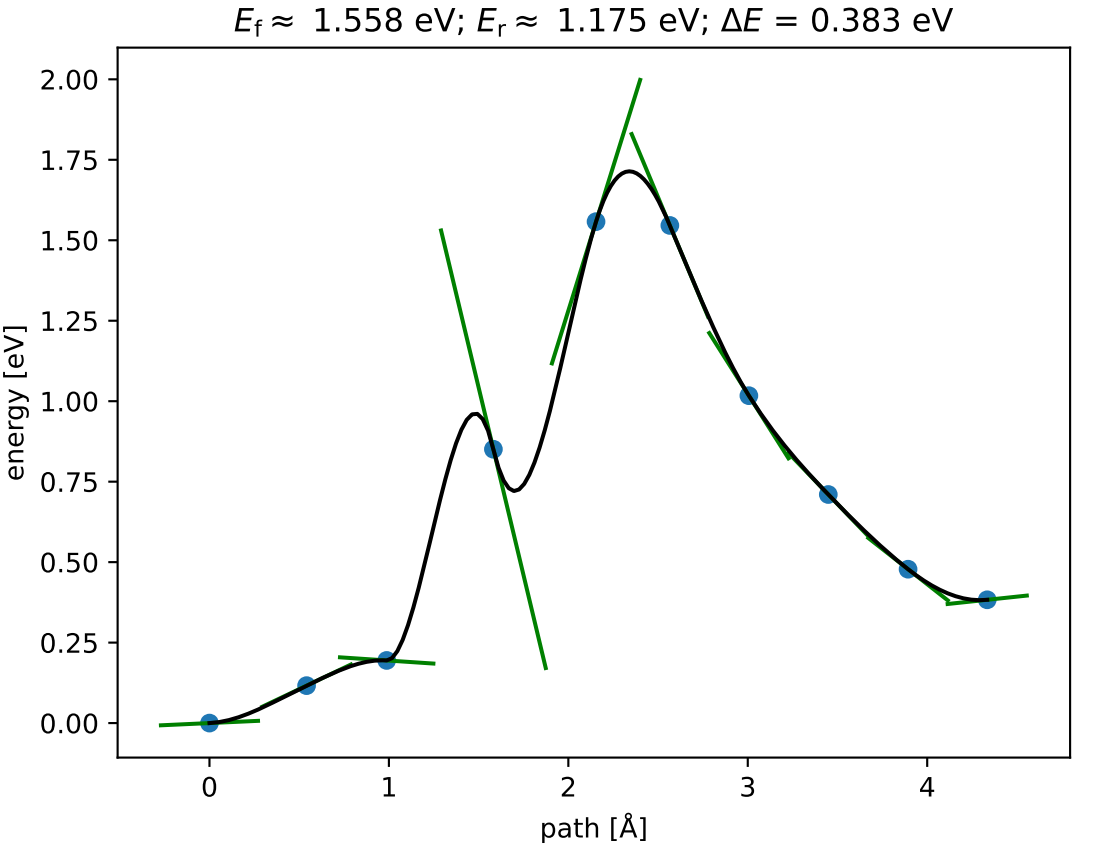

$E_f \approx$ 2.381 eV; $E_r \approx$ 1.998 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
2.5
0
1
2
3
4

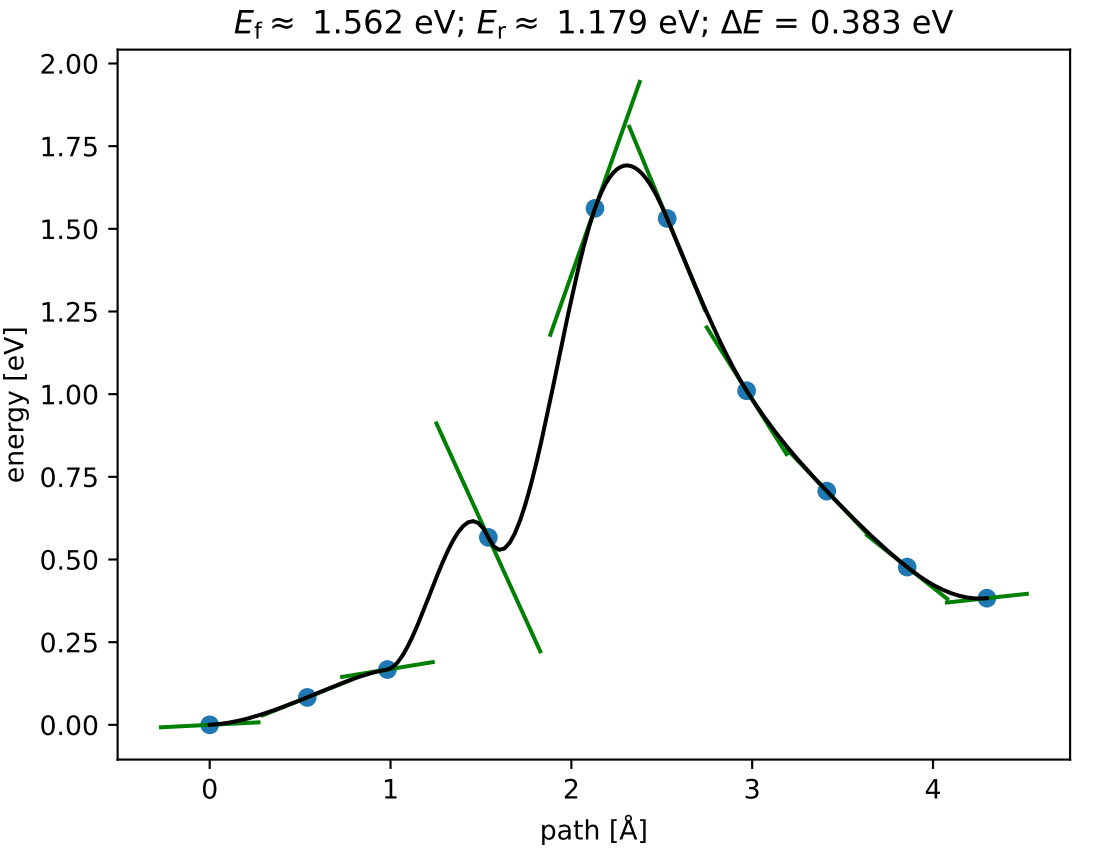

$E_f \approx$ 2.174 eV; $E_r \approx$ 1.791 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
4

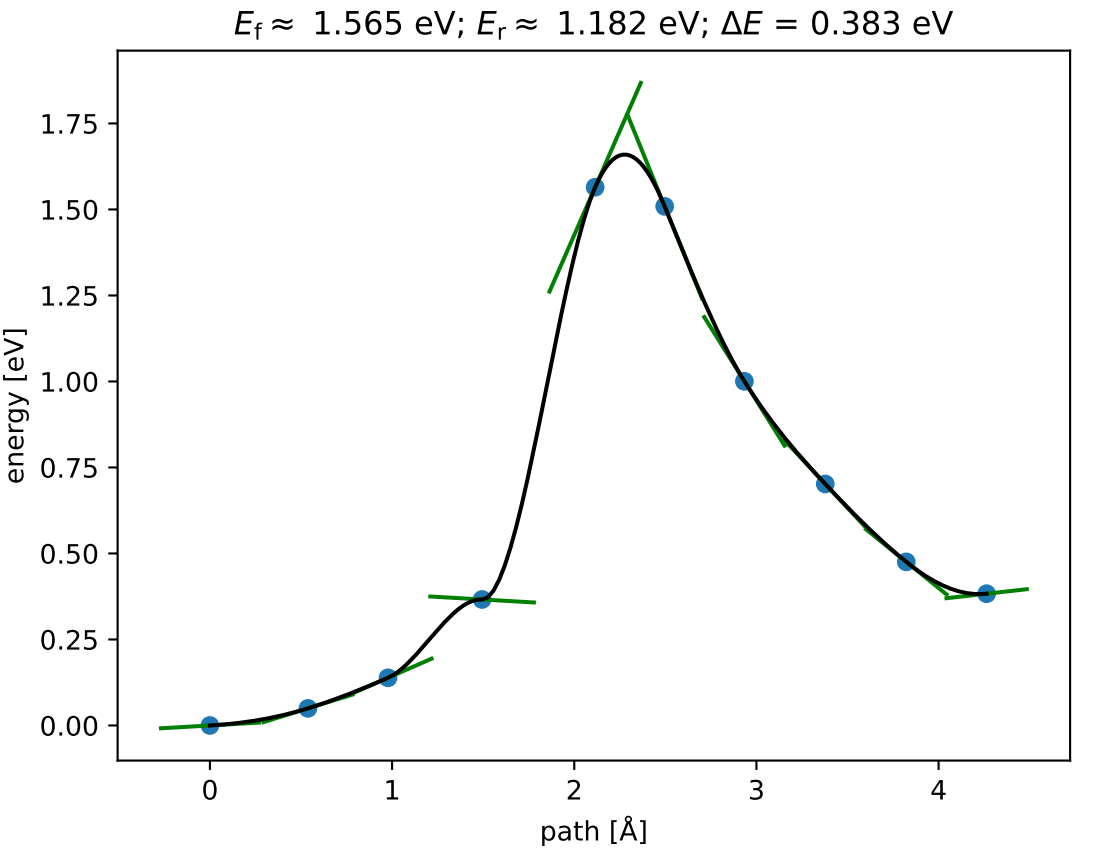

$E_f \approx$ 1.944 eV; $E_r \approx$ 1.561 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
0
1
2
3
4

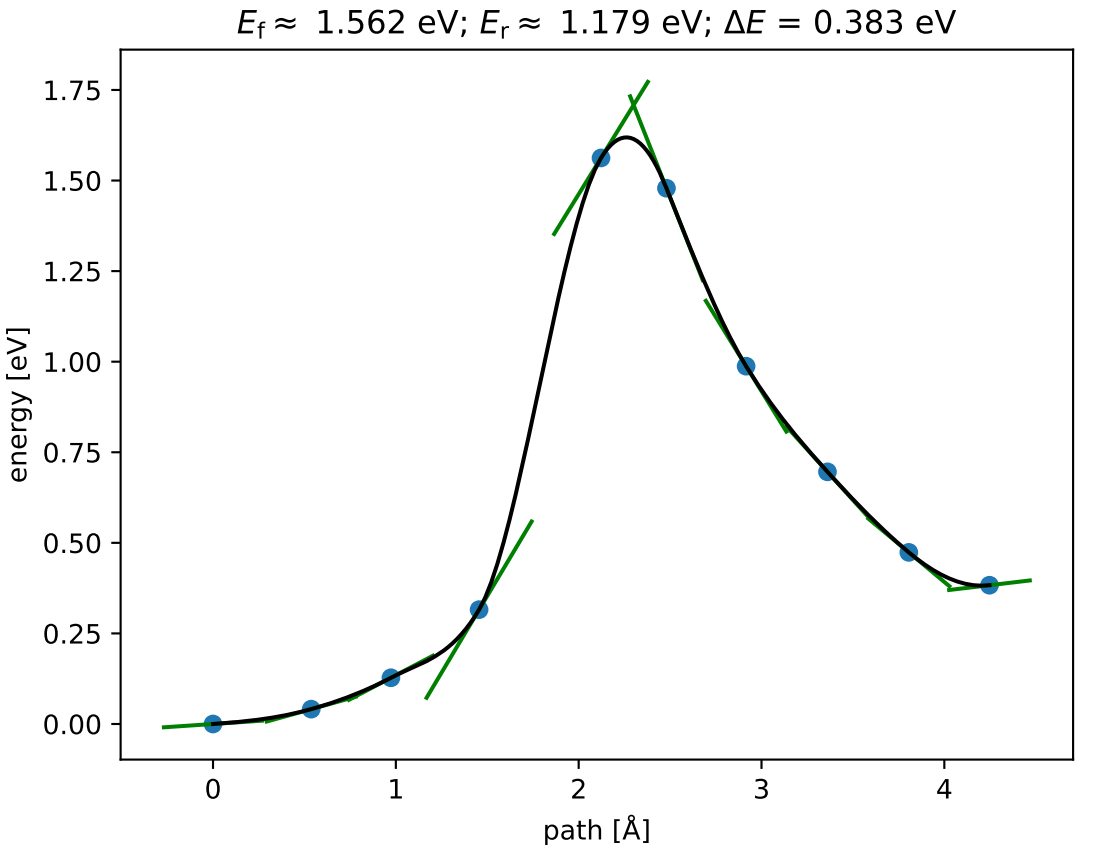

$E_f \approx$ 1.734 eV; $E_r \approx$ 1.351 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.5
1.0
1.5
2.0
0
1
2
3
4

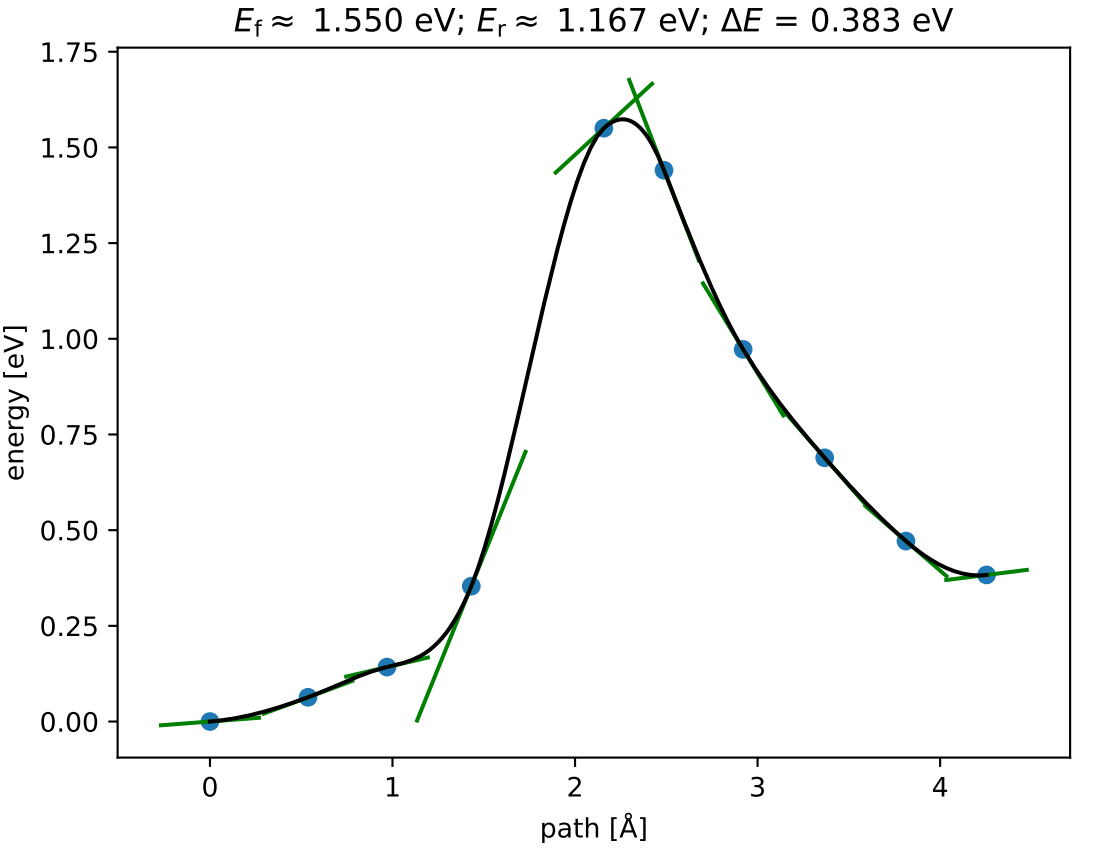

$E_f \approx$ 1.555 eV; $E_r \approx$ 1.172 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
0
1
2
3
4

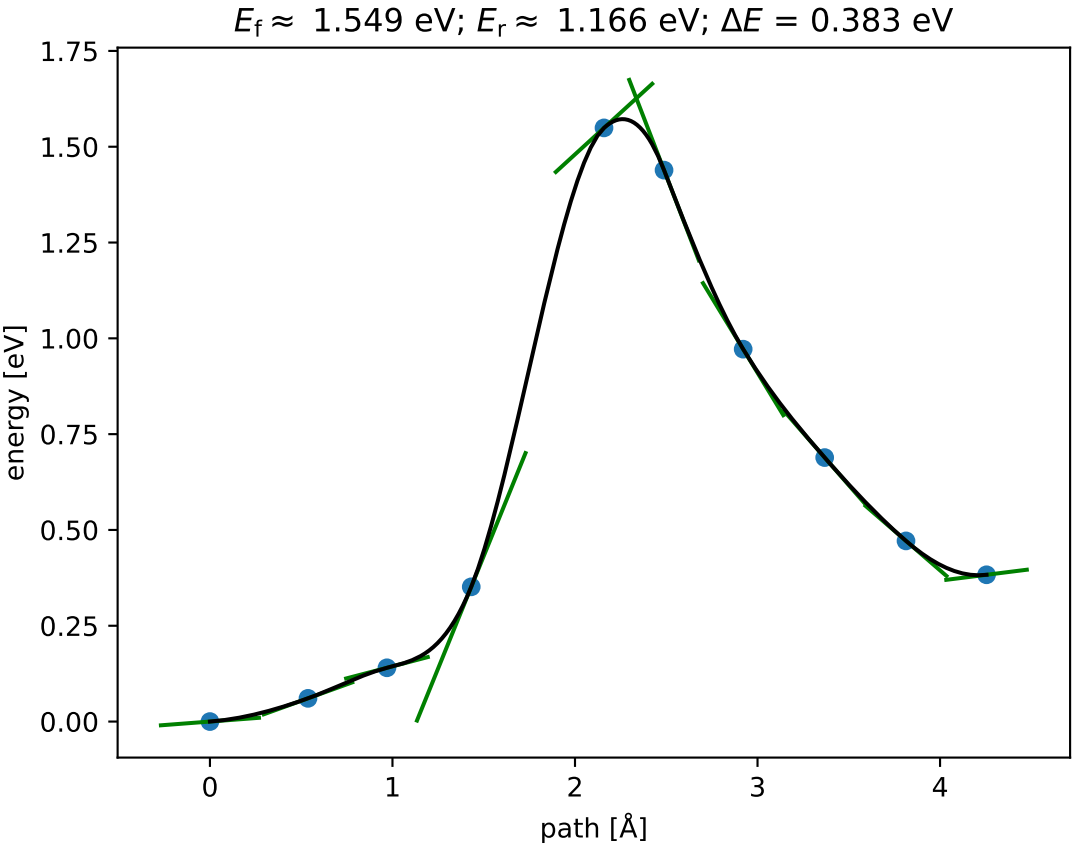

$E_f \approx$ 1.558 eV; $E_r \approx$ 1.175 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
0
1
2
3
4

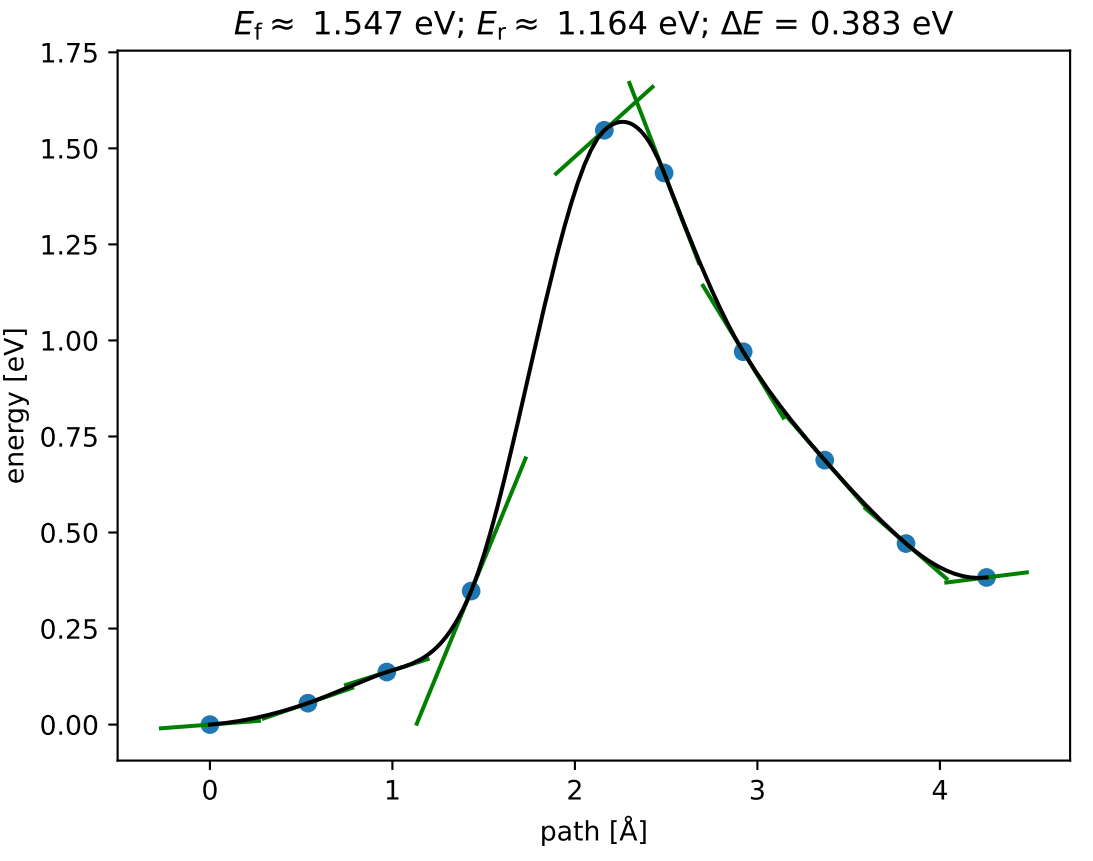

$E_f \approx$ 1.562 eV; $E_r \approx$ 1.179 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
0
1
2
3
4

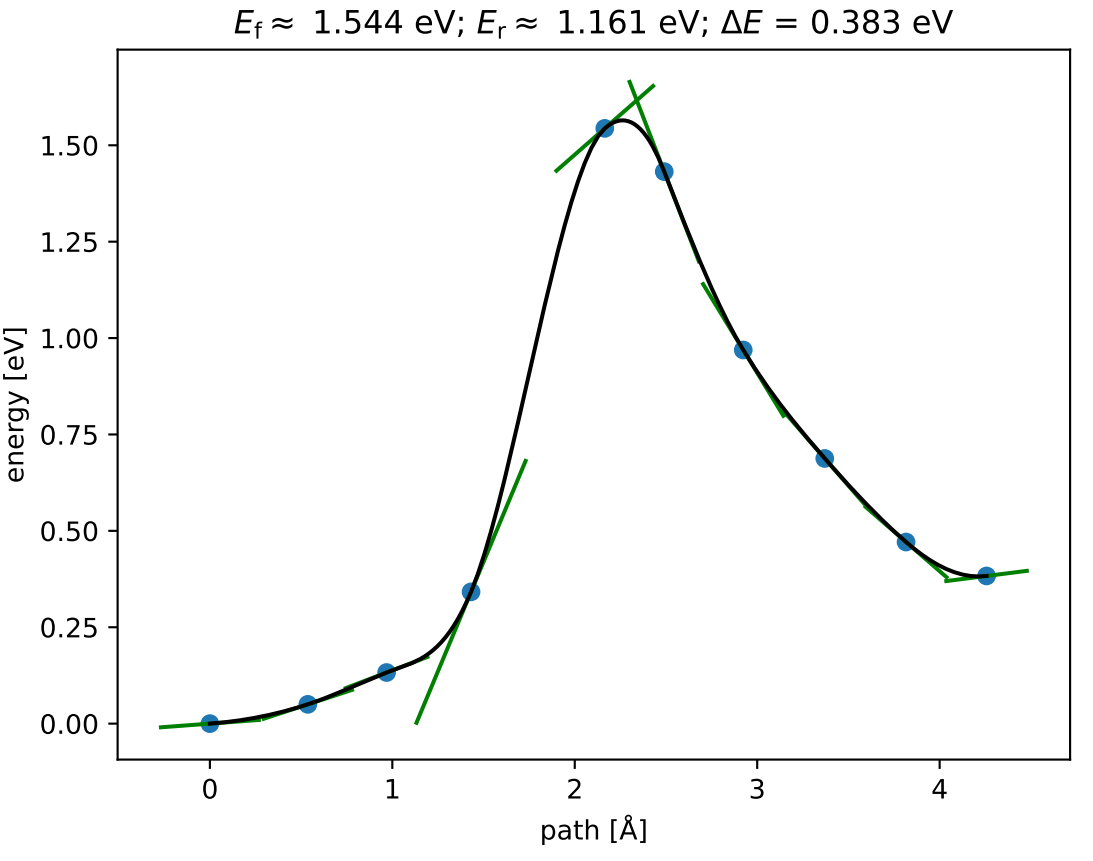

$E_f \approx$ 1.565 eV; $E_r \approx$ 1.182 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
0
1
2
3
4

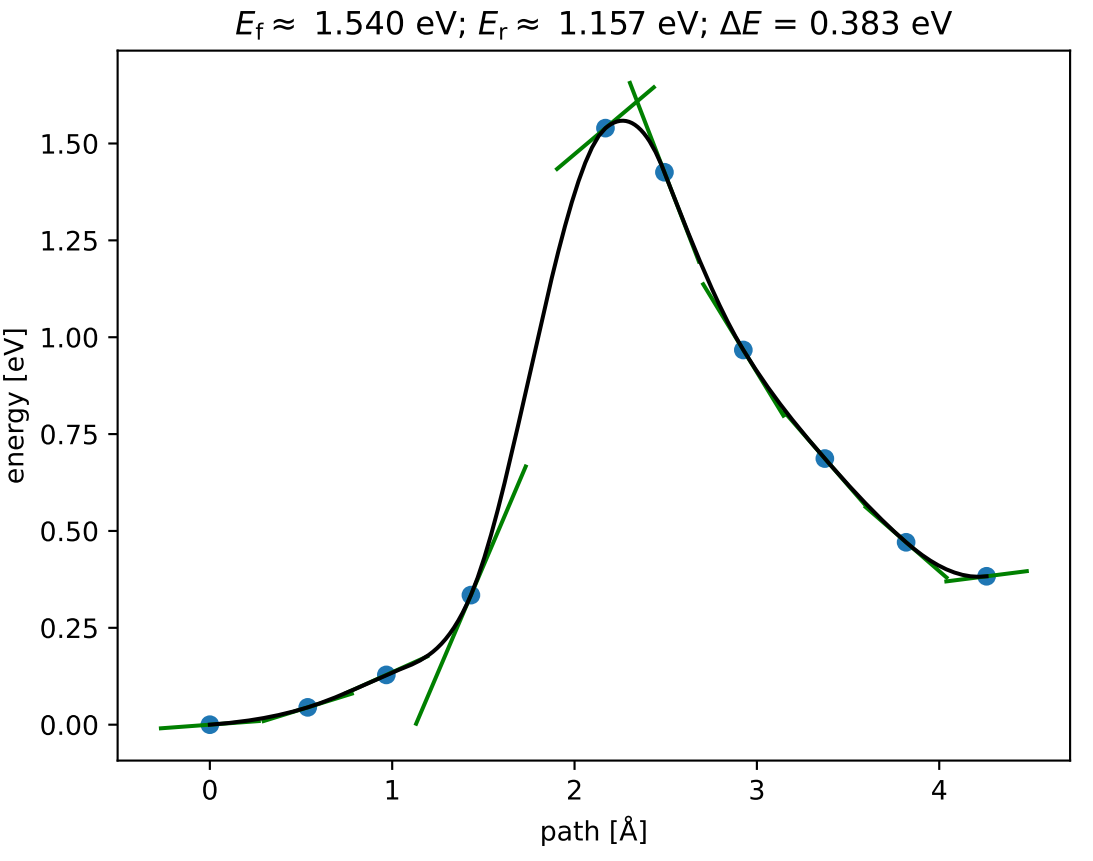

$E_f \approx$ 1.562 eV; $E_r \approx$ 1.179 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
0
1
2
3
4

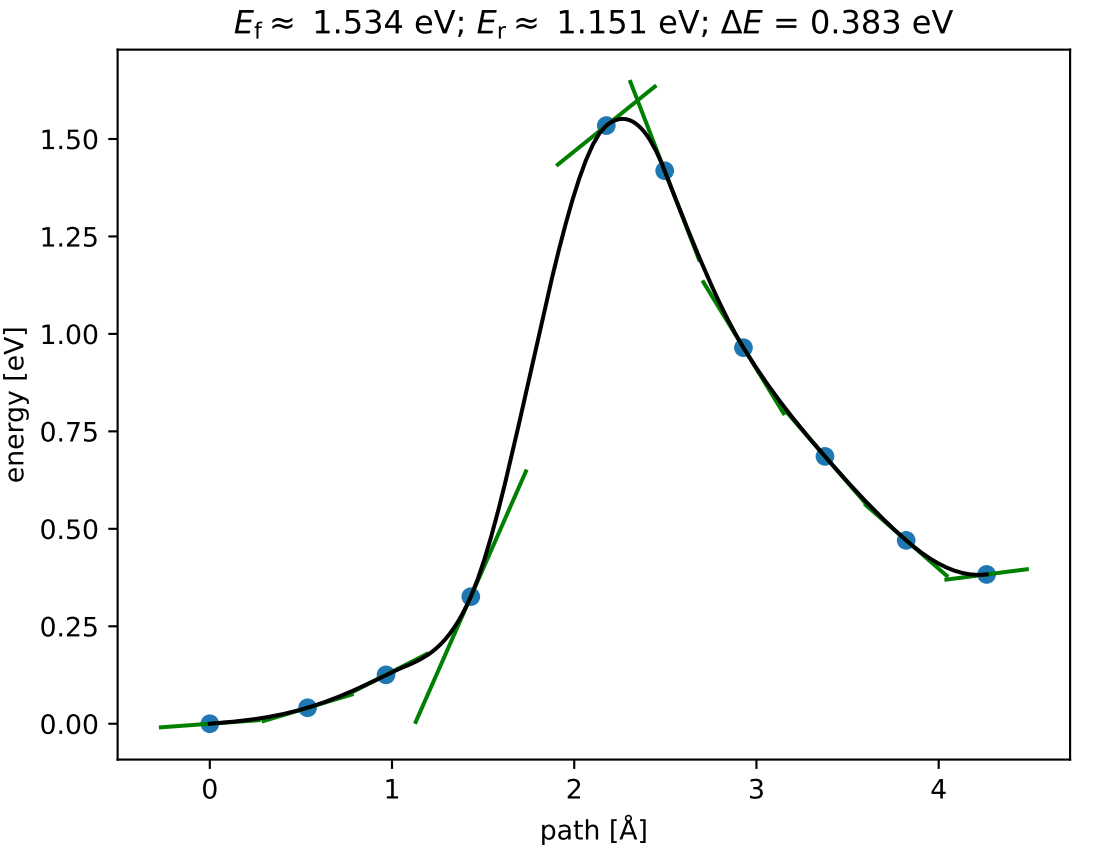

$E_f \approx$ 1.550 eV; $E_r \approx$ 1.167 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
0
1
2
3
4

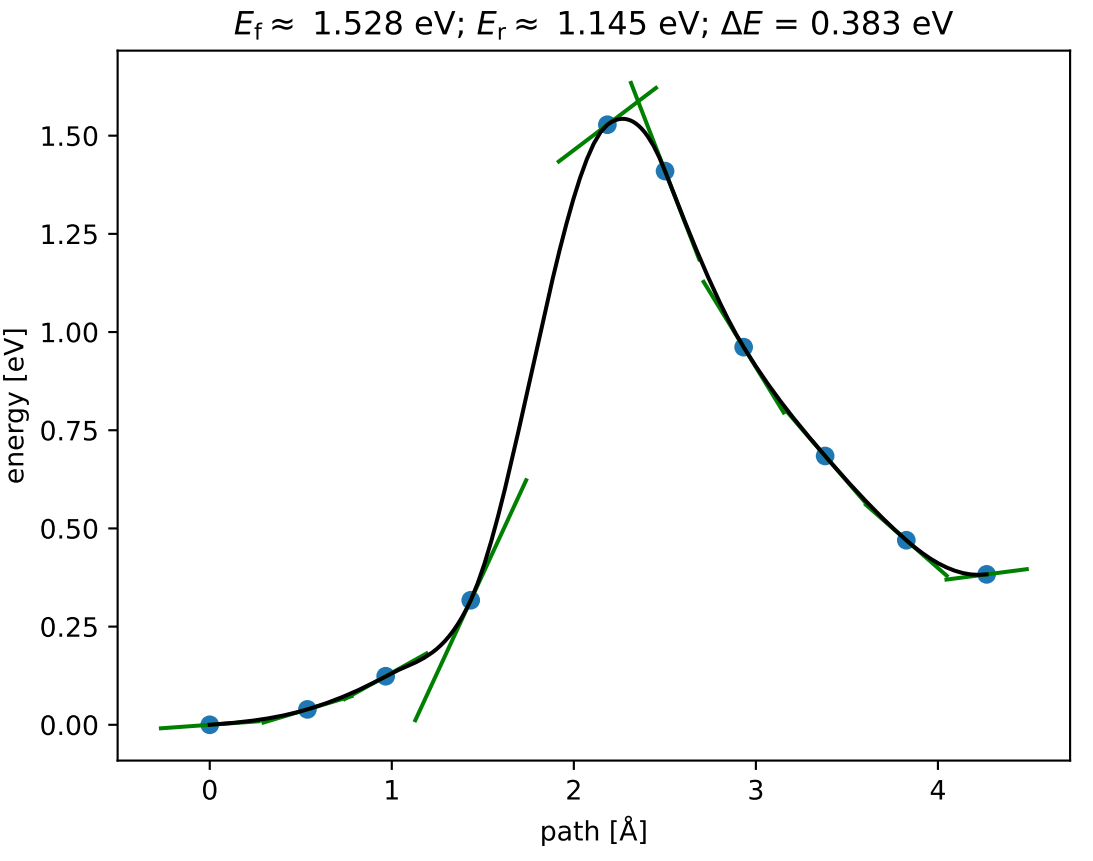

$E_f \approx$ 1.549 eV; $E_r \approx$ 1.166 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
0
1
2
3
4

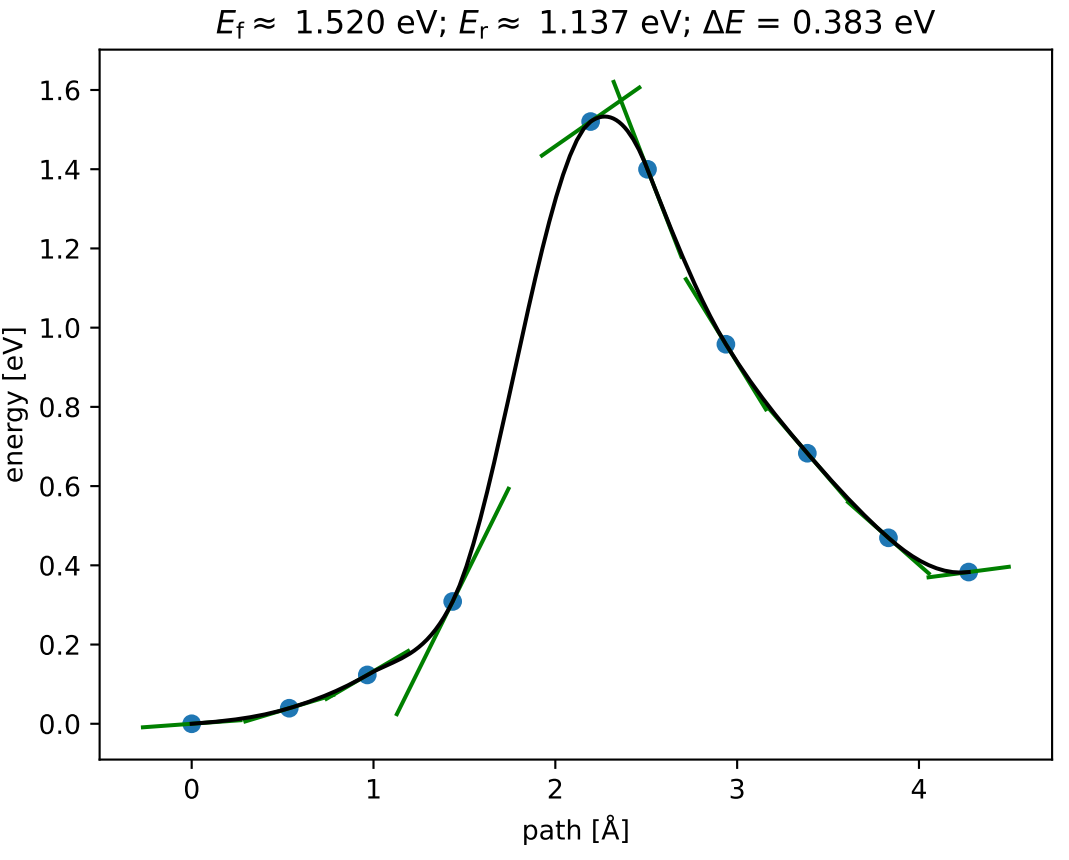

$E_f \approx$ 1.547 eV; $E_r \approx$ 1.164 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
0
1
2
3
4

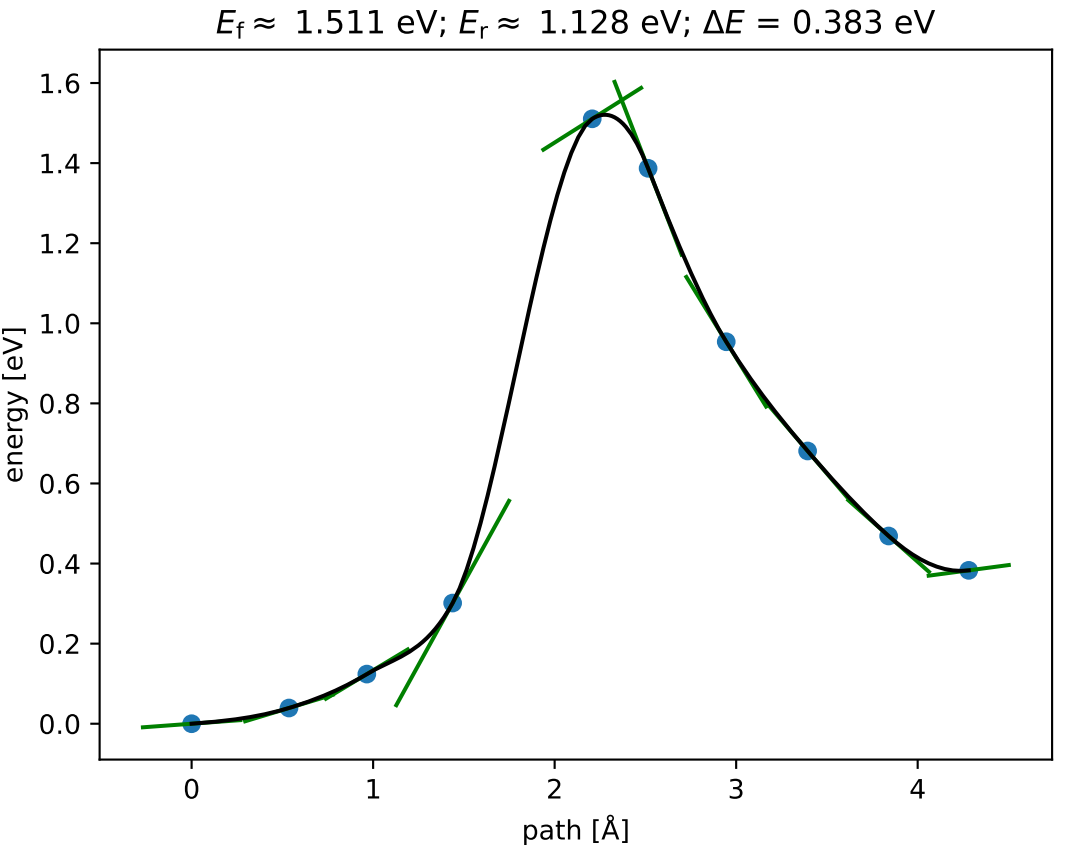

$E_f \approx$ 1.544 eV; $E_r \approx$ 1.161 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
0
1
2
3
4

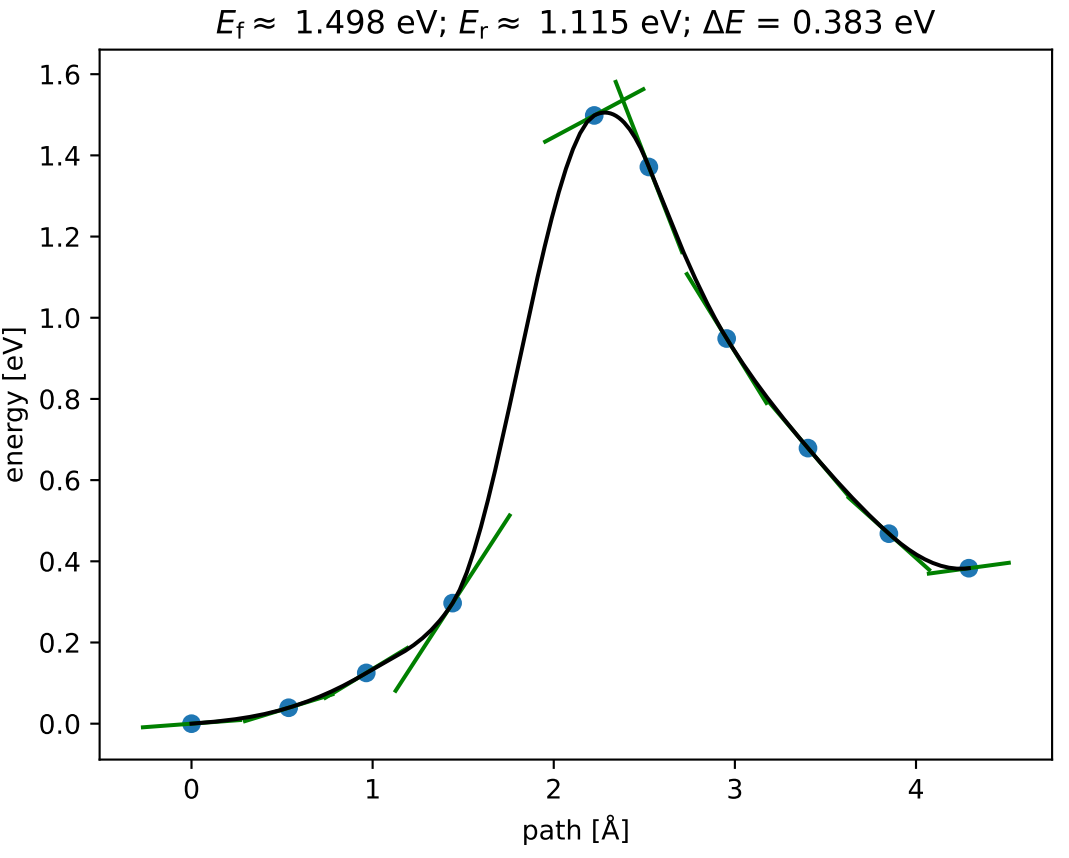

$E_f \approx$ 1.540 eV; $E_r \approx$ 1.157 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
0
1
2
3
4

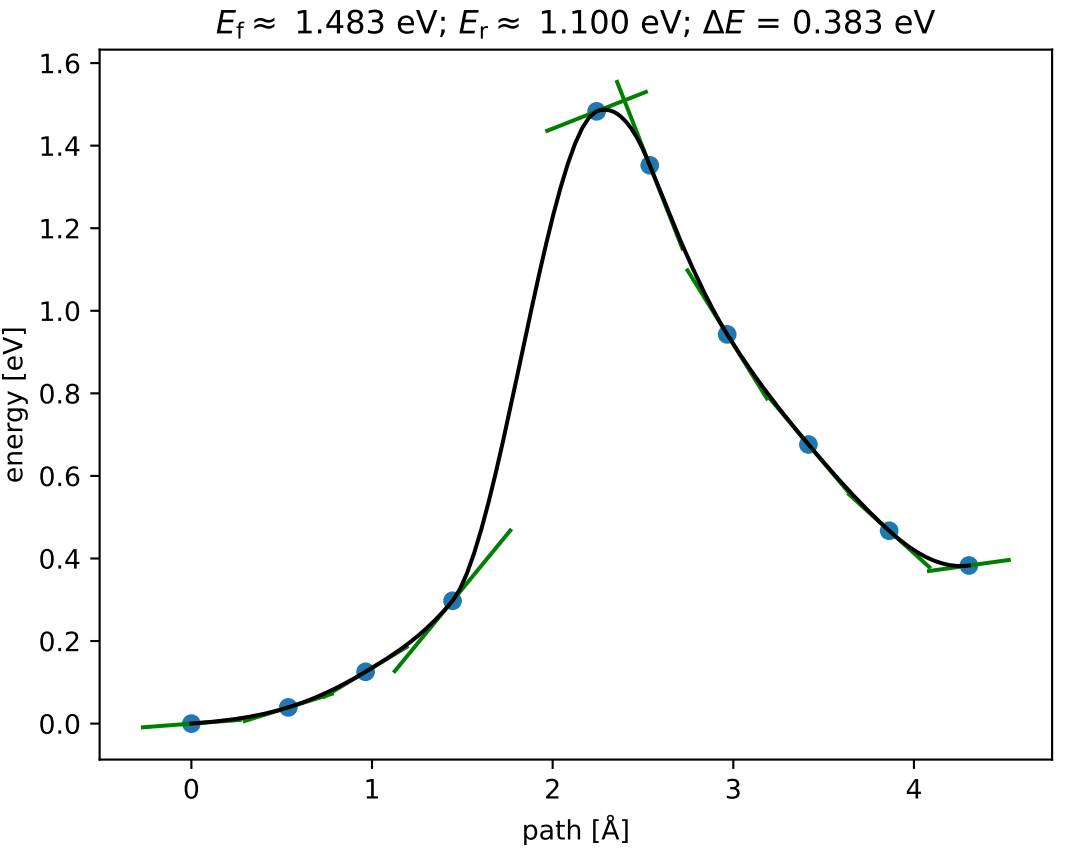

$E_f \approx$ 1.534 eV; $E_r \approx$ 1.151 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
0
1
2
3
4

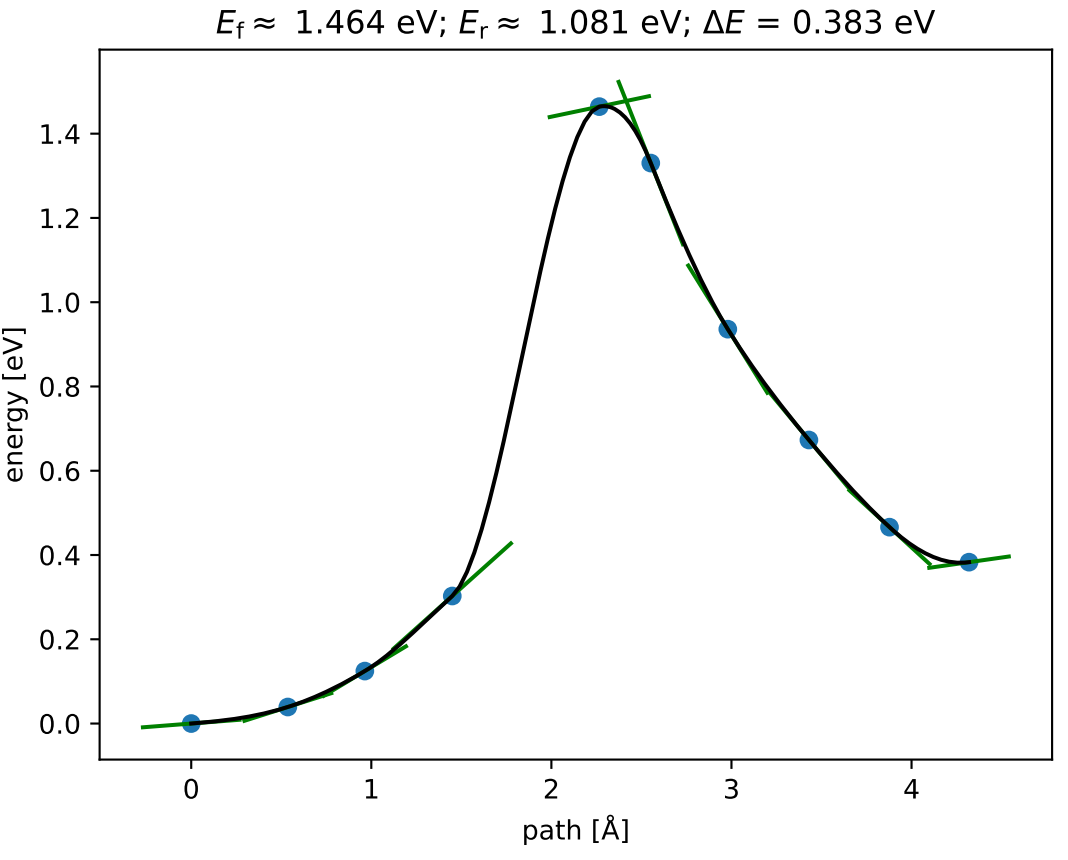

$E_f \approx$ 1.528 eV; $E_r \approx$ 1.145 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.00
0.25
0.50
0.75
1.00
1.25
1.50
0
1
2
3
4

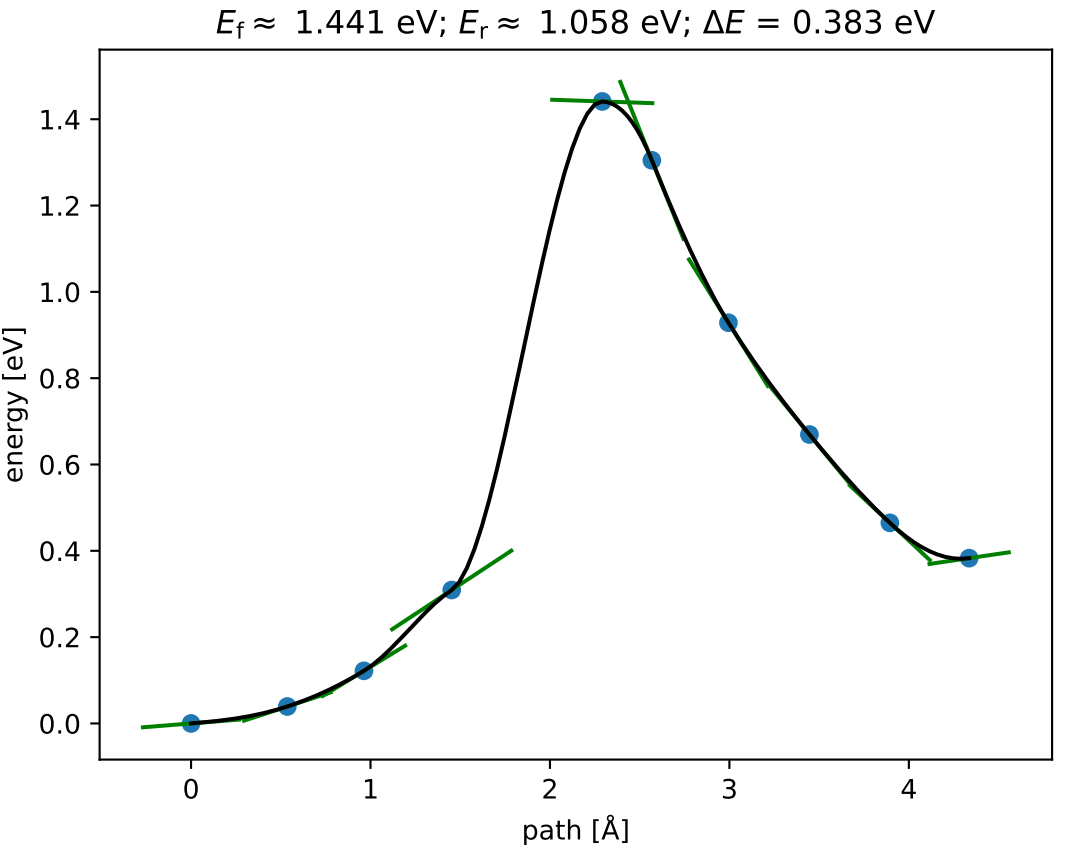

$E_f \approx$ 1.520 eV; $E_r \approx$ 1.137 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
0
1
2
3
4

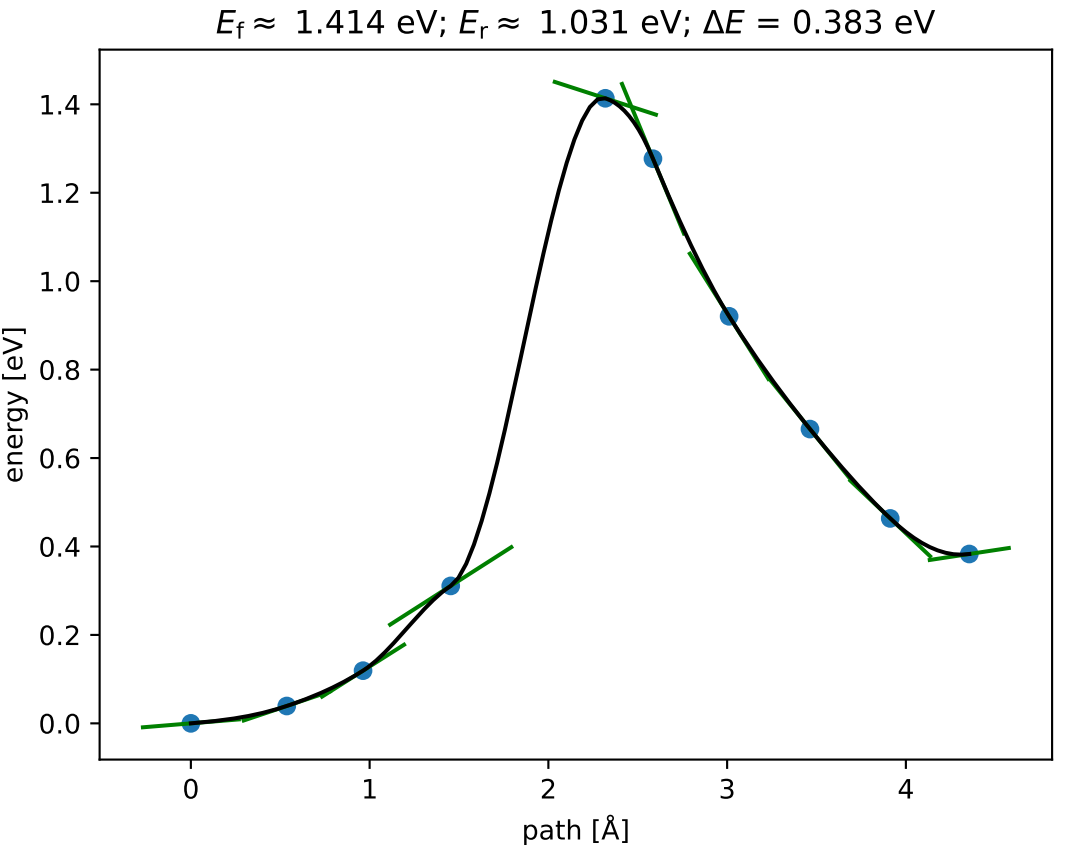

$E_f \approx$ 1.511 eV; $E_r \approx$ 1.128 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
0
1
2
3
4

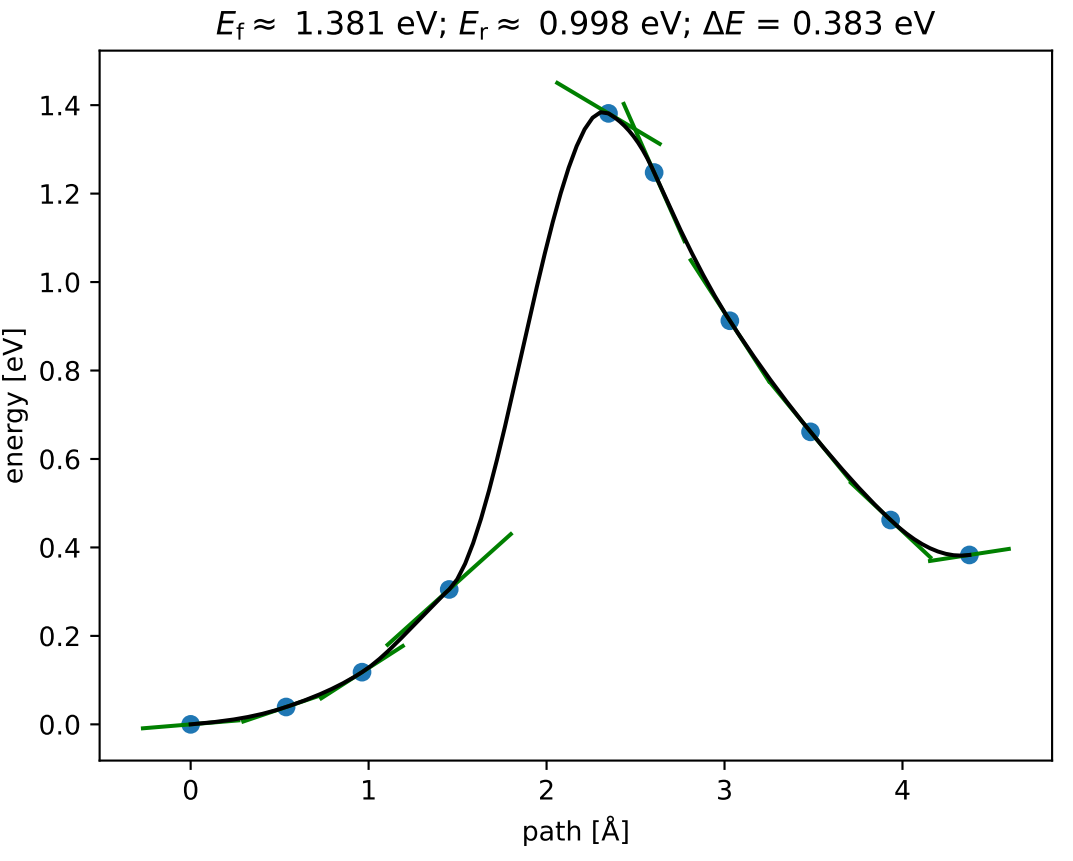

$E_f \approx$ 1.498 eV; $E_r \approx$ 1.115 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
0
1
2
3
4

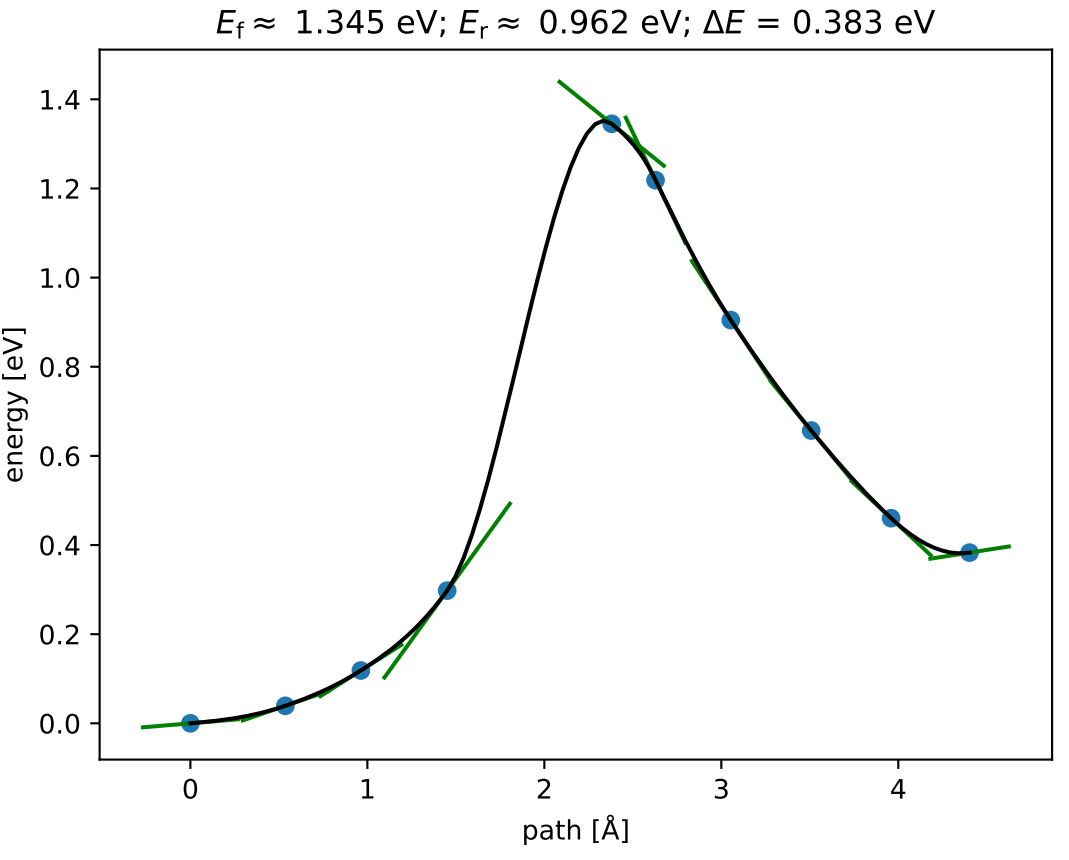

$E_f \approx$ 1.483 eV; $E_r \approx$ 1.100 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
0
1
2
3
4

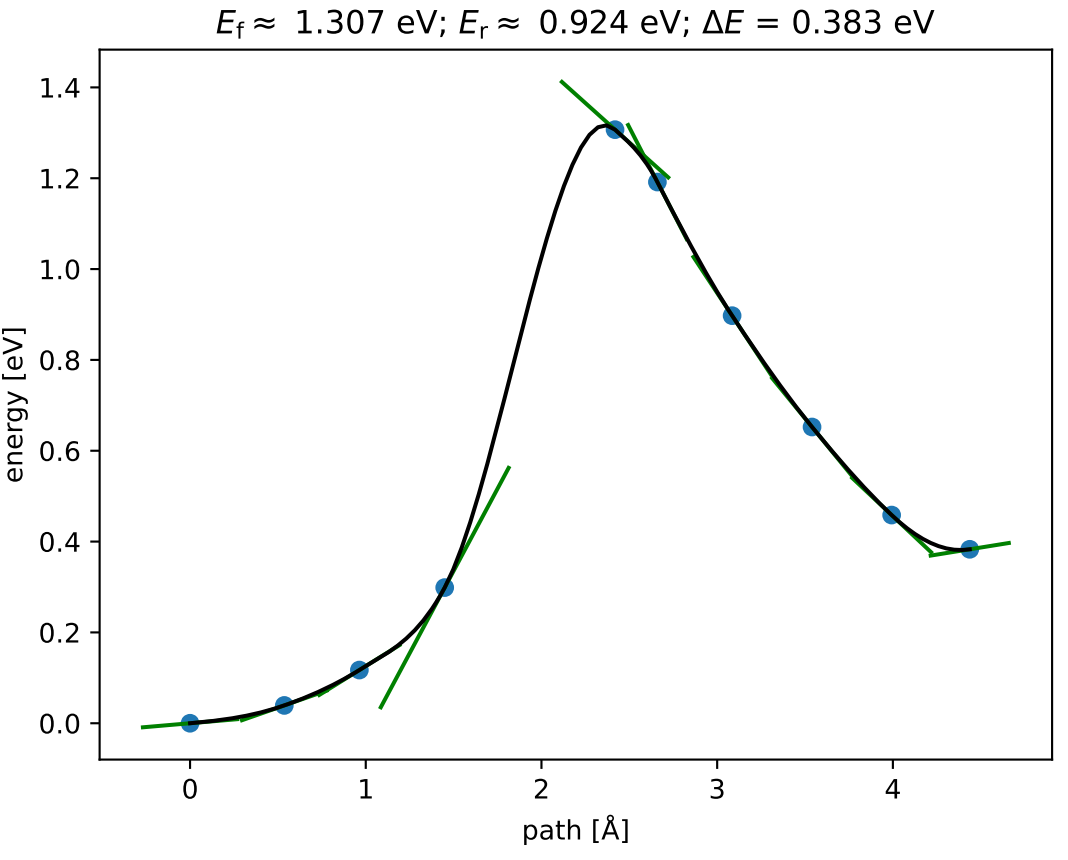

$E_f \approx$ 1.464 eV; $E_r \approx$ 1.081 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

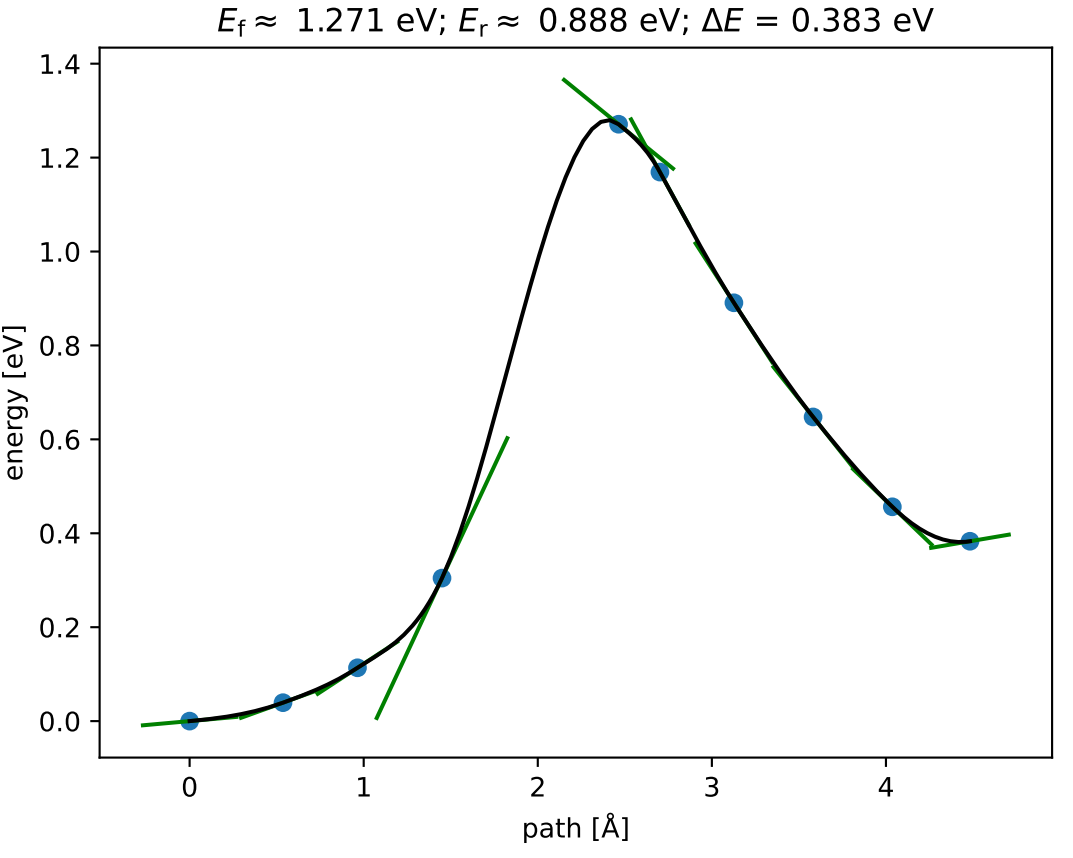

$E_f \approx$ 1.441 eV; $E_r \approx$ 1.058 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

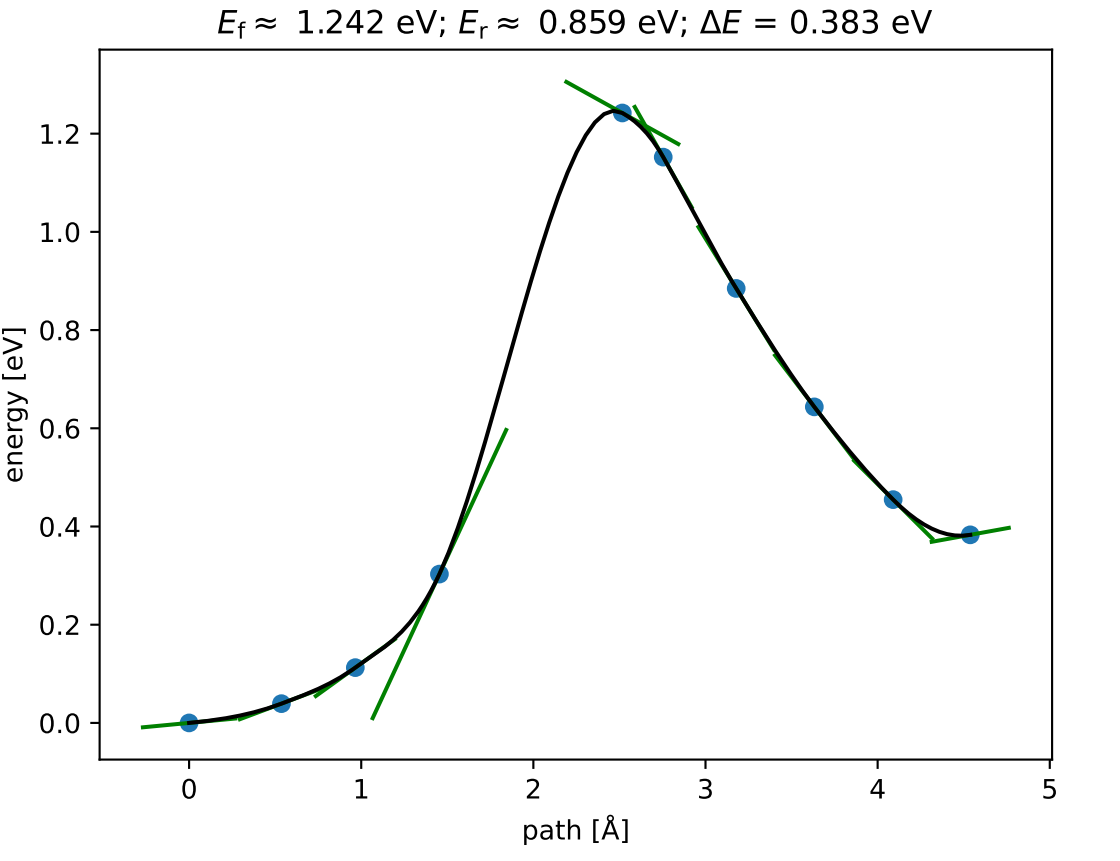

$E_f \approx$ 1.414 eV; $E_r \approx$ 1.031 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

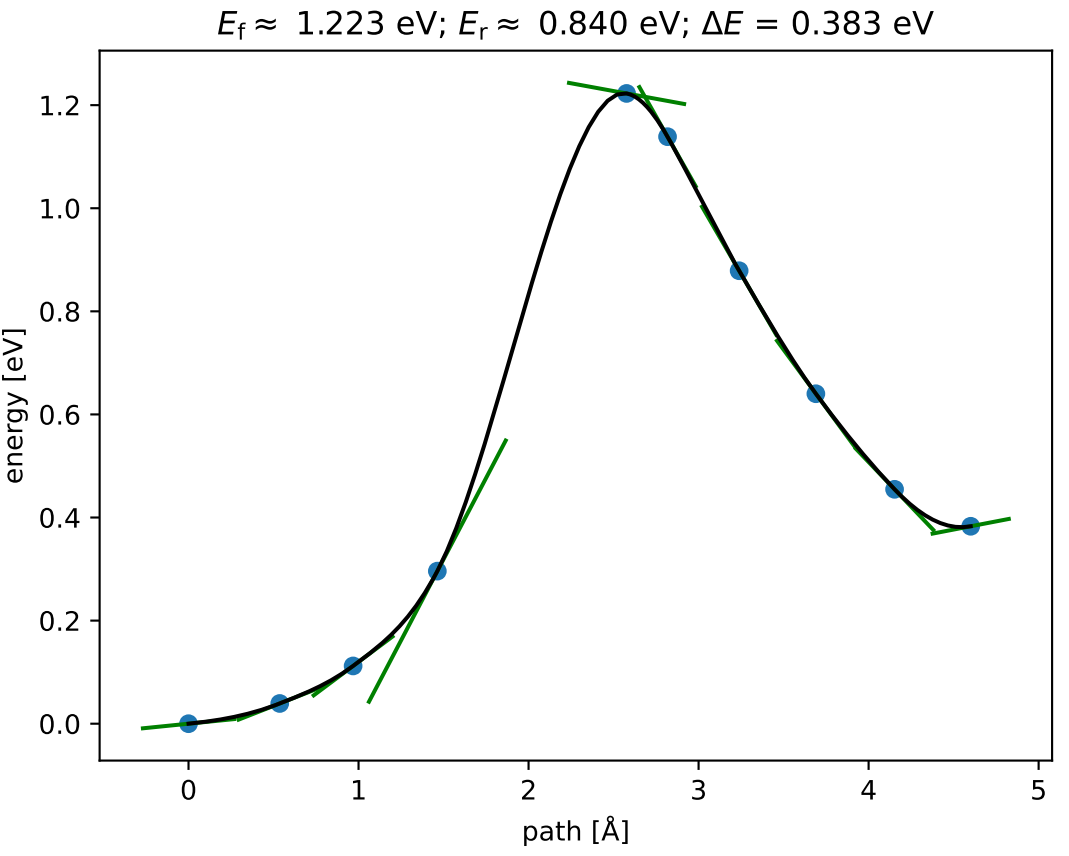

$E_f \approx$ 1.381 eV; $E_r \approx$ 0.998 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

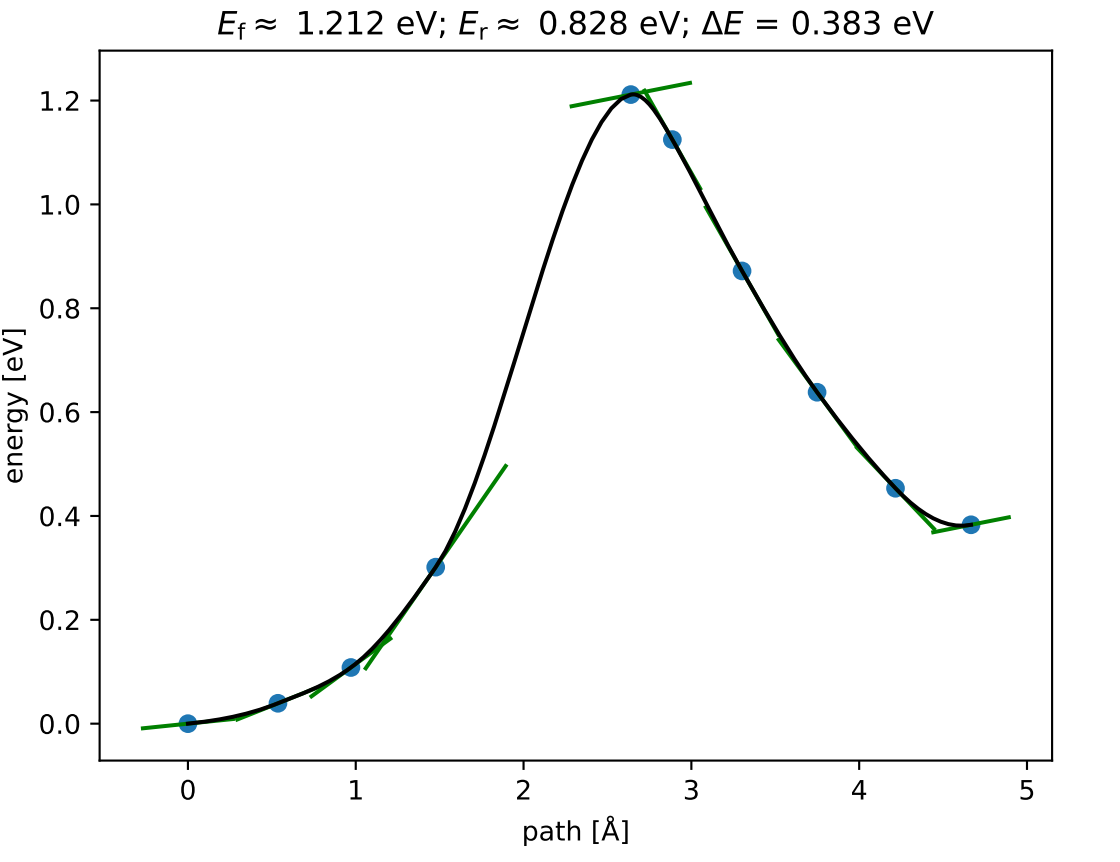

$E_f \approx$ 1.345 eV; $E_r \approx$ 0.962 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

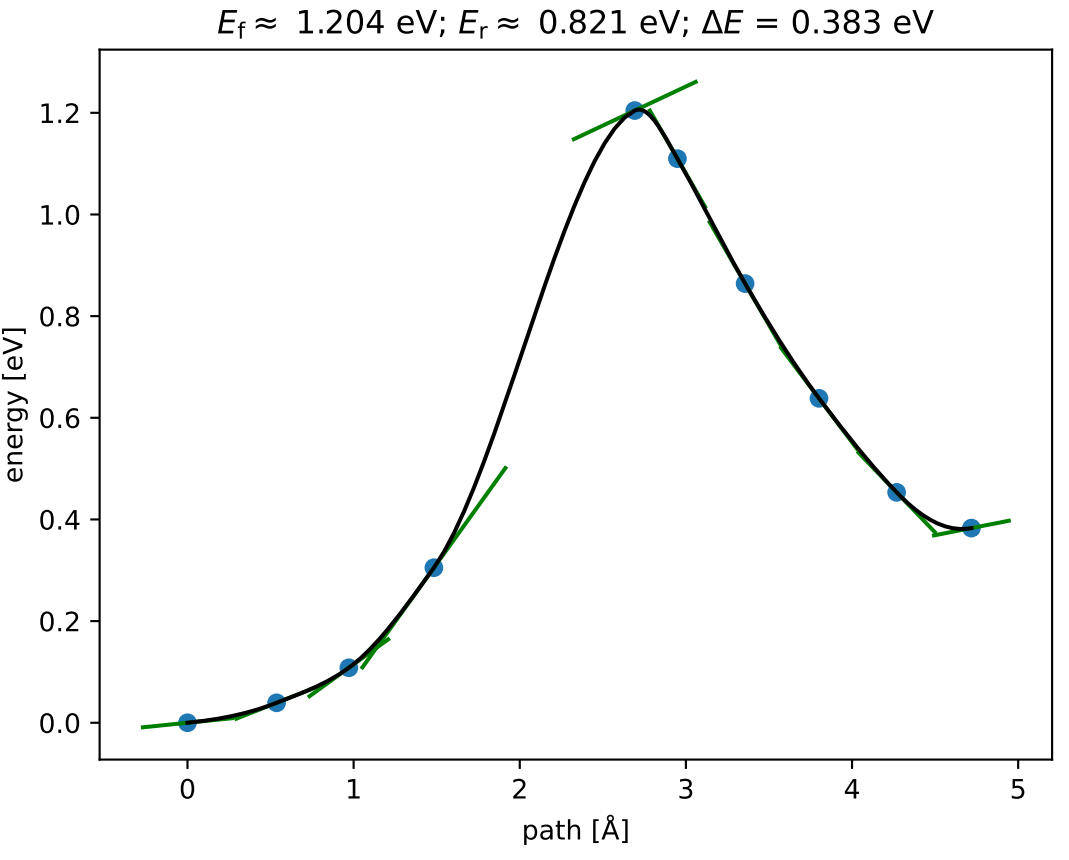

$E_f \approx$ 1.307 eV; $E_r \approx$ 0.924 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

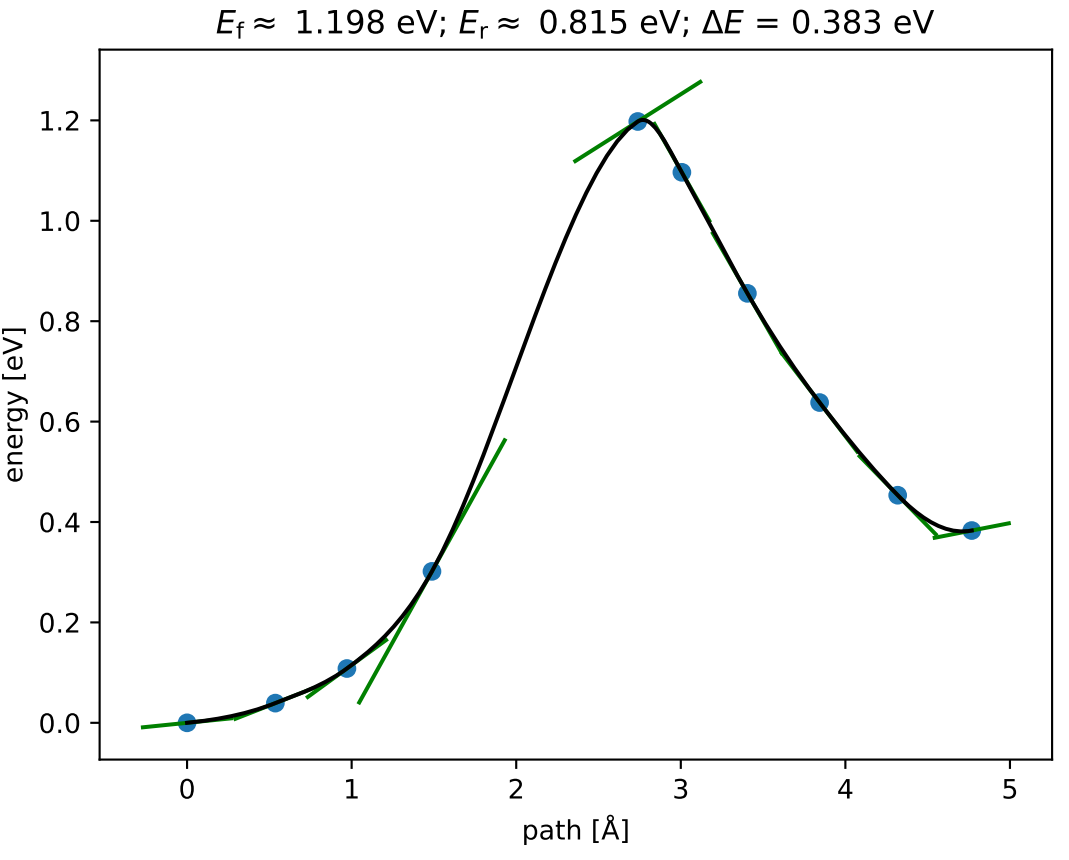

$E_f \approx$ 1.271 eV; $E_r \approx$ 0.888 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4

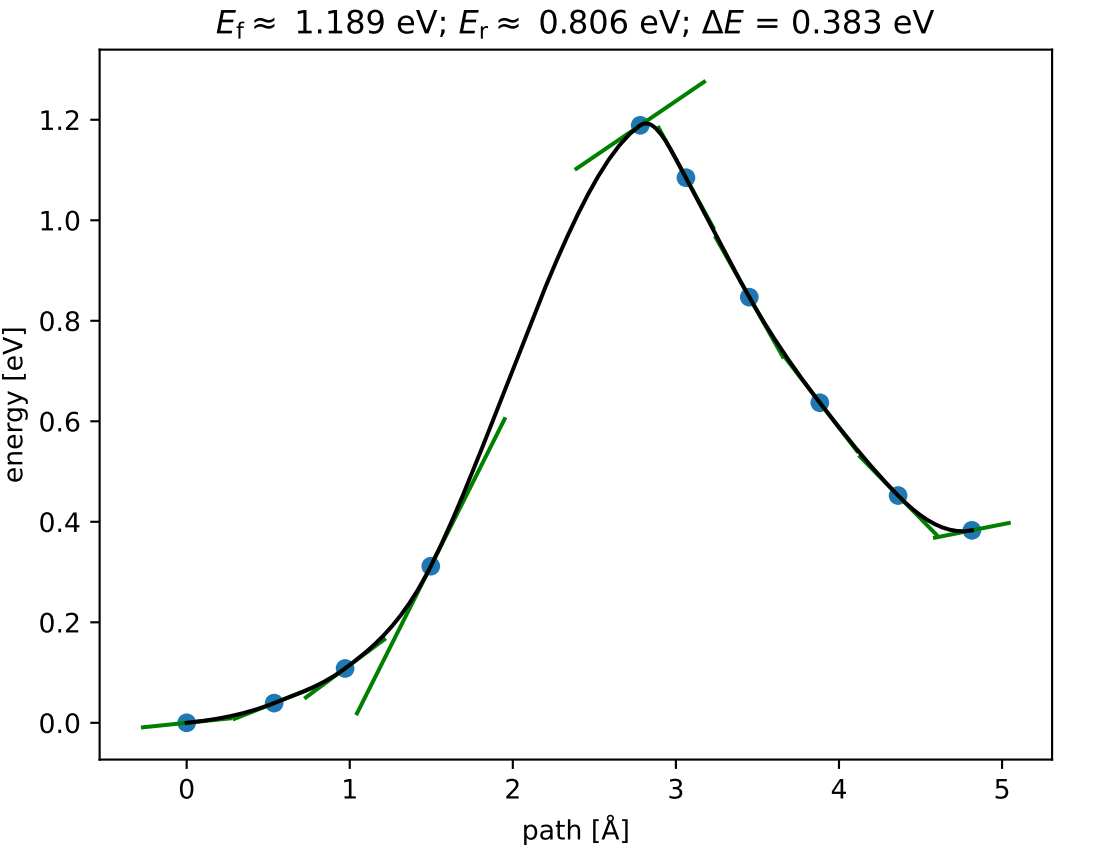

$E_f \approx$ 1.242 eV; $E_r \approx$ 0.859 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

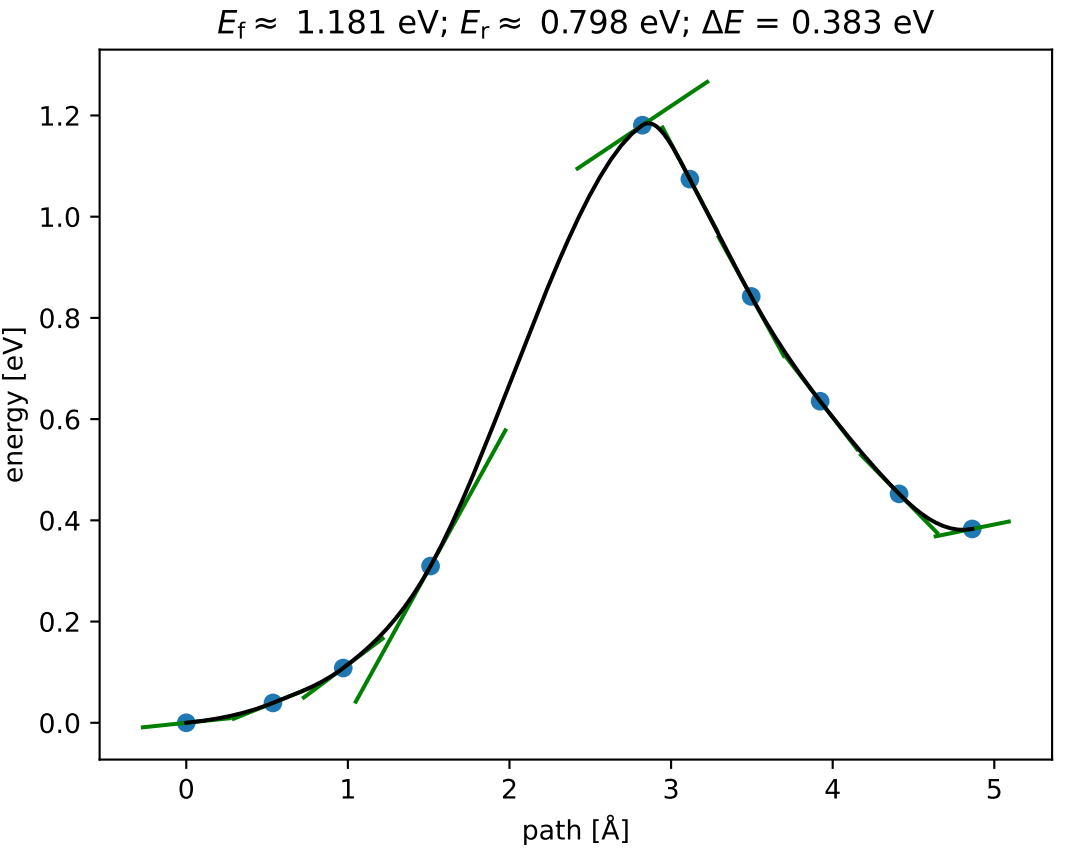

$E_f \approx$ 1.223 eV; $E_r \approx$ 0.840 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

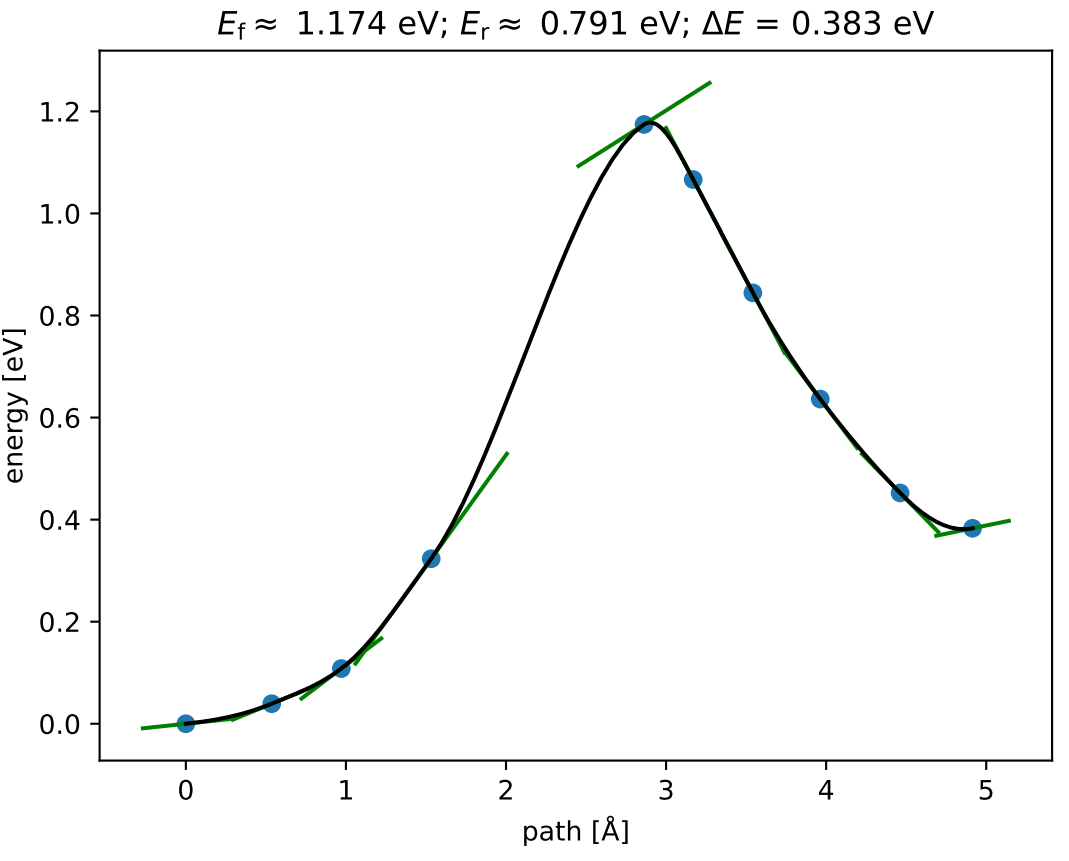

$E_f \approx$ 1.212 eV; $E_r \approx$ 0.828 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

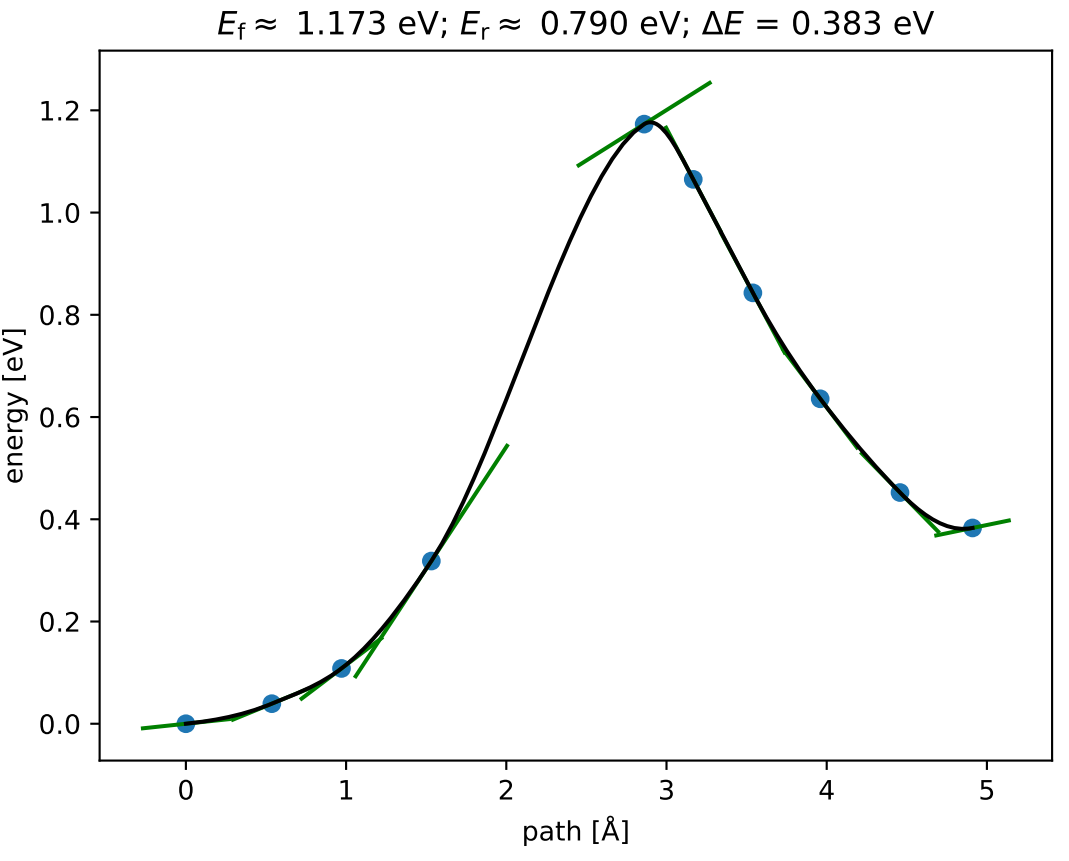

$E_f \approx$ 1.204 eV; $E_r \approx$ 0.821 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

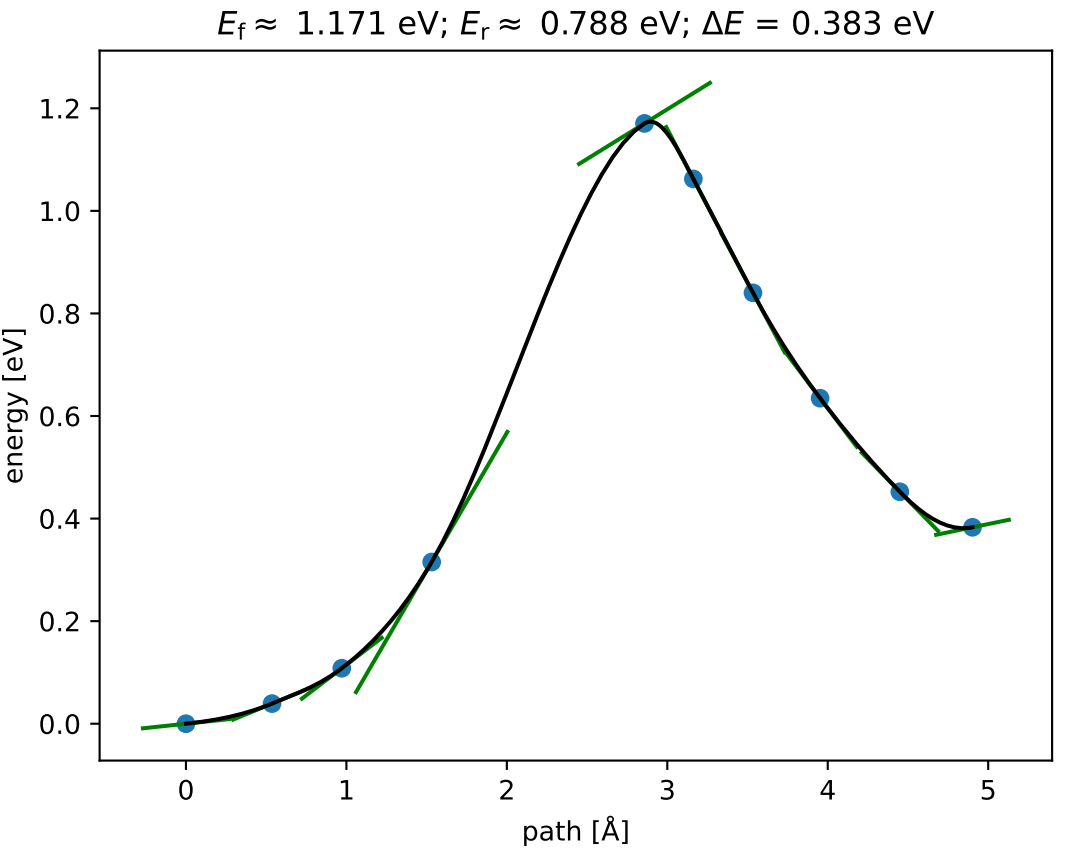

$E_f \approx$ 1.198 eV; $E_r \approx$ 0.815 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

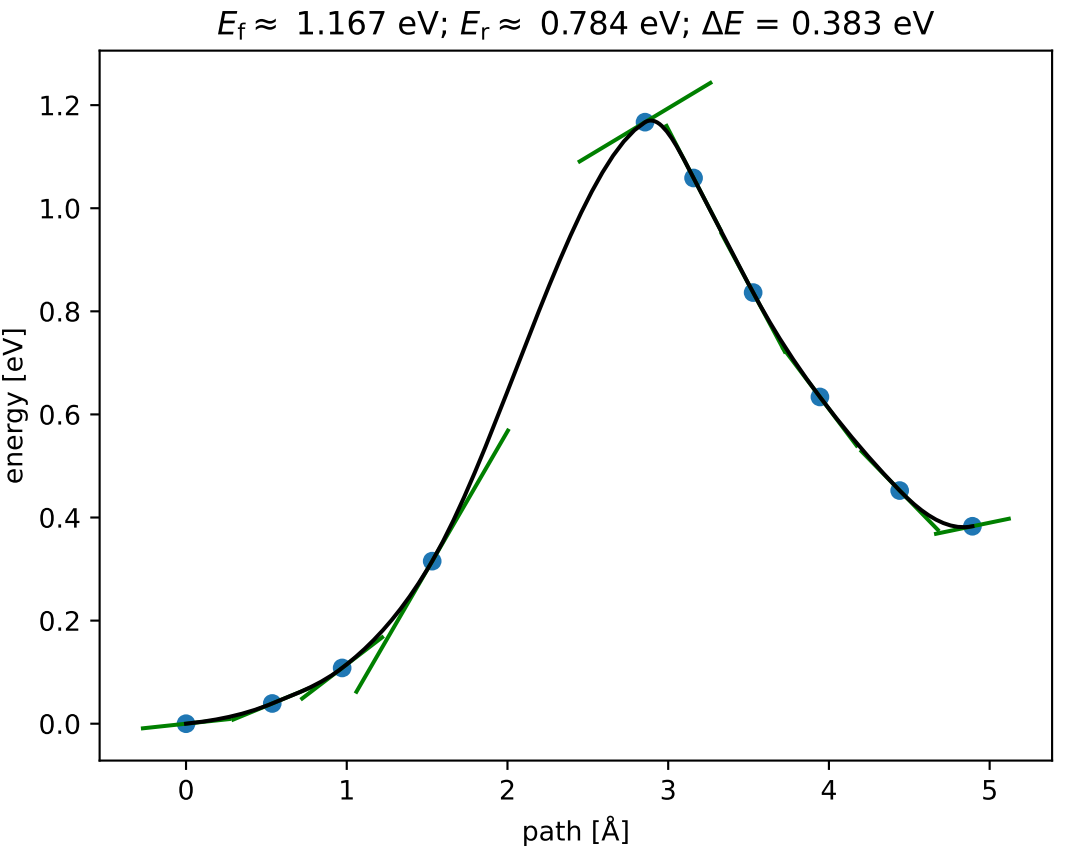

$E_f \approx$ 1.189 eV; $E_r \approx$ 0.806 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

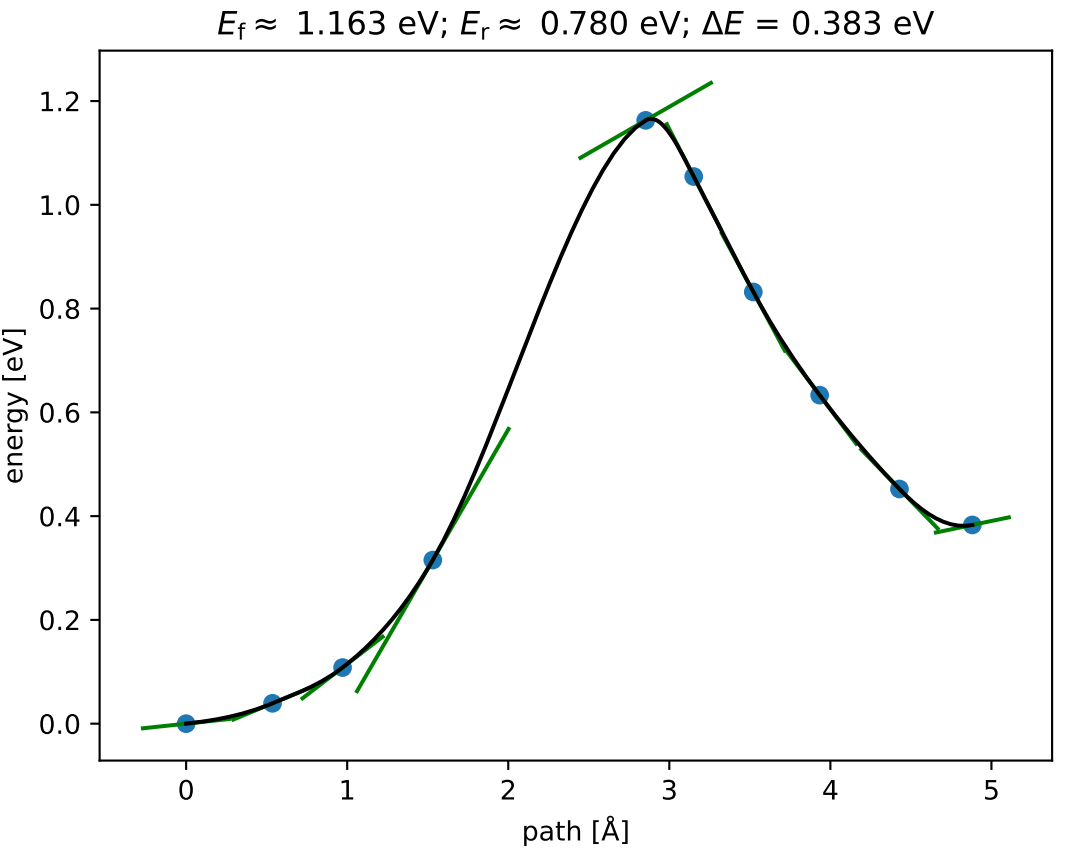

$E_f \approx$ 1.181 eV; $E_r \approx$ 0.798 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

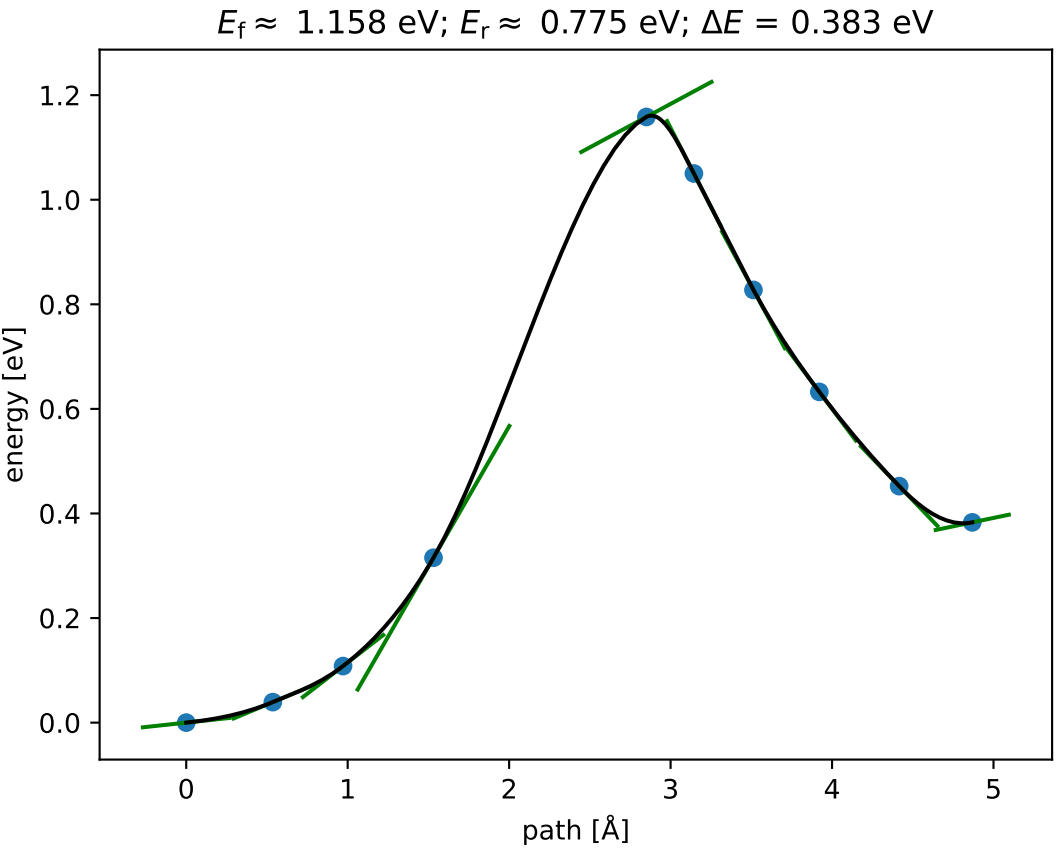

$E_f \approx$ 1.174 eV; $E_r \approx$ 0.791 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

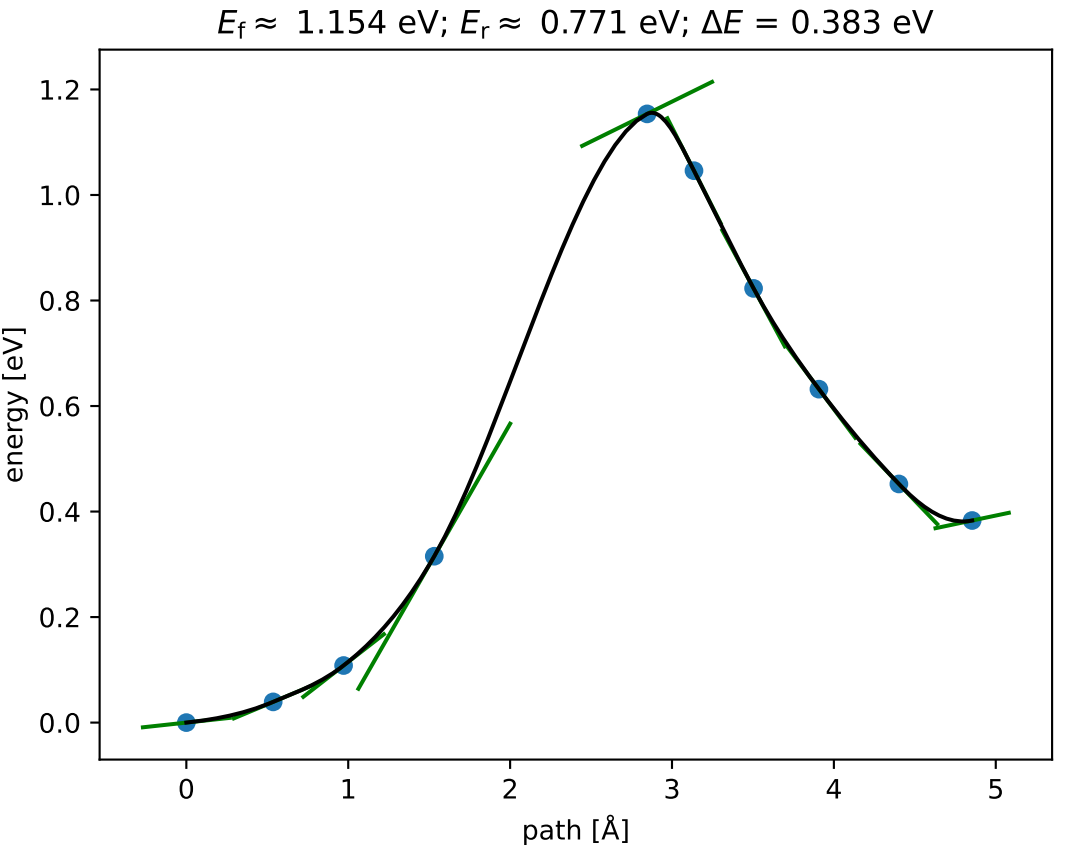

$E_f \approx$ 1.173 eV; $E_r \approx$ 0.790 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

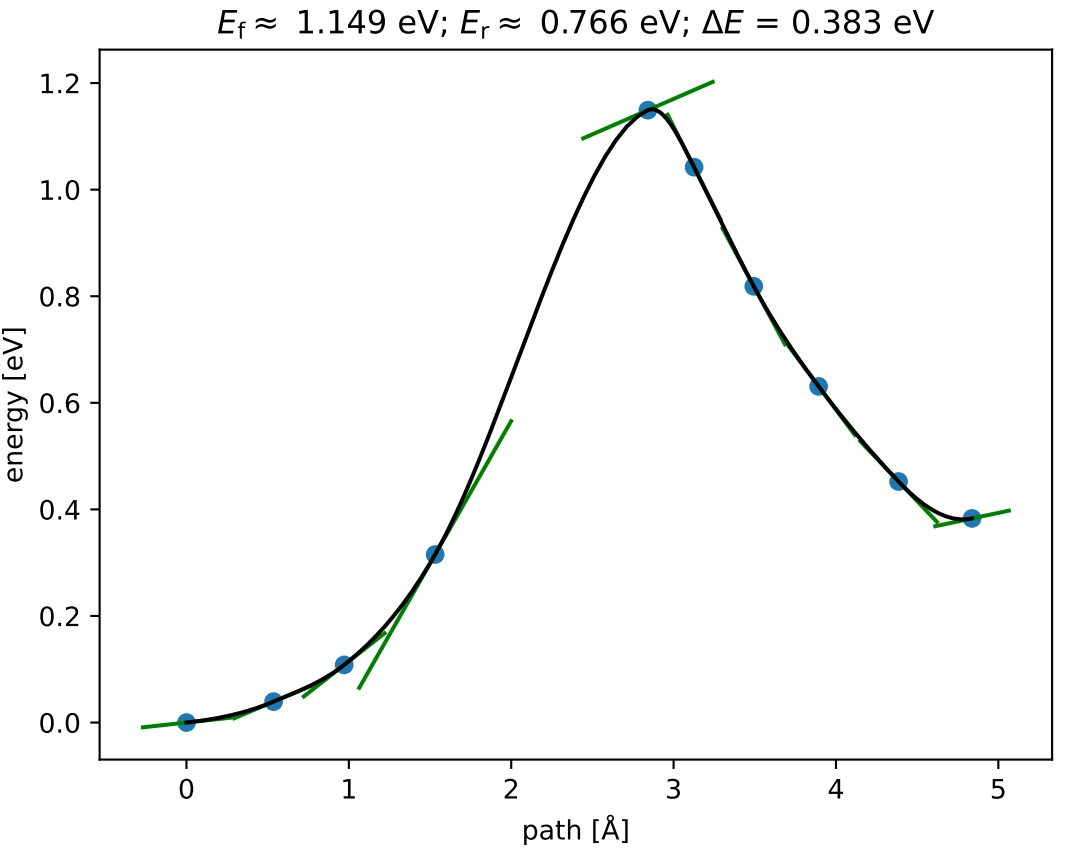

$E_f \approx$ 1.171 eV; $E_r \approx$ 0.788 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

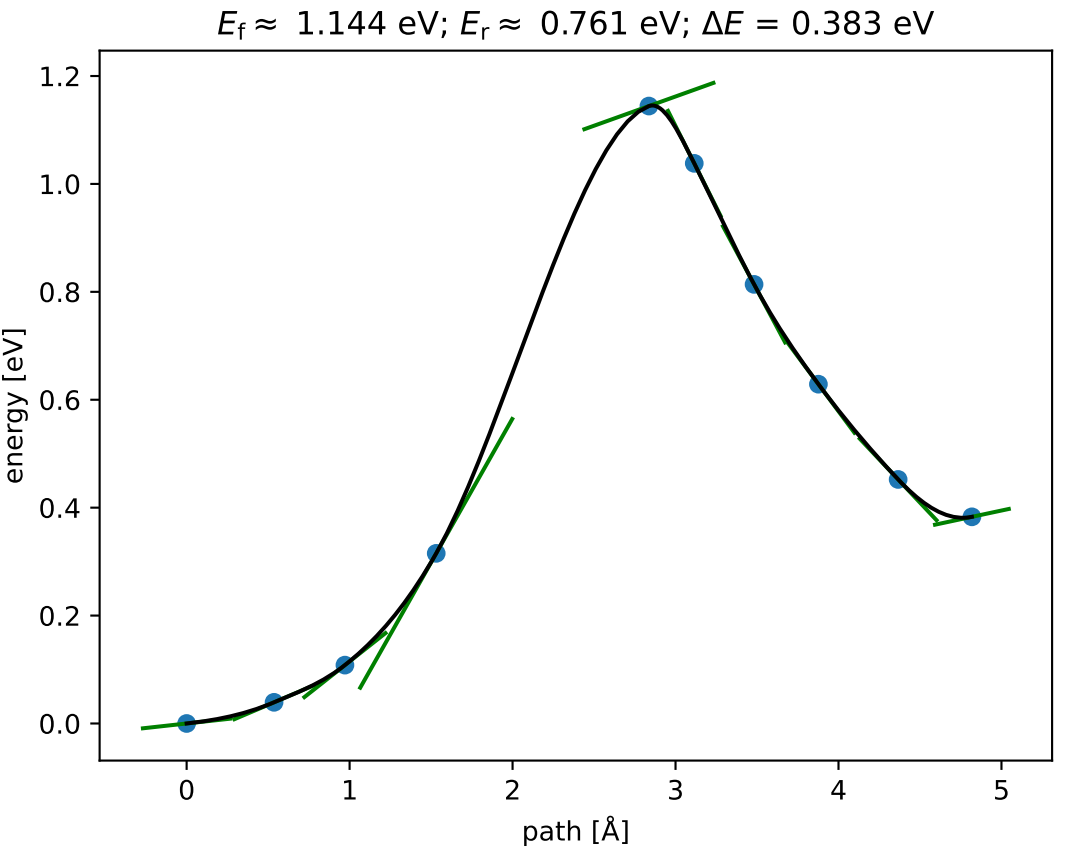

$E_f \approx$ 1.167 eV; $E_r \approx$ 0.784 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

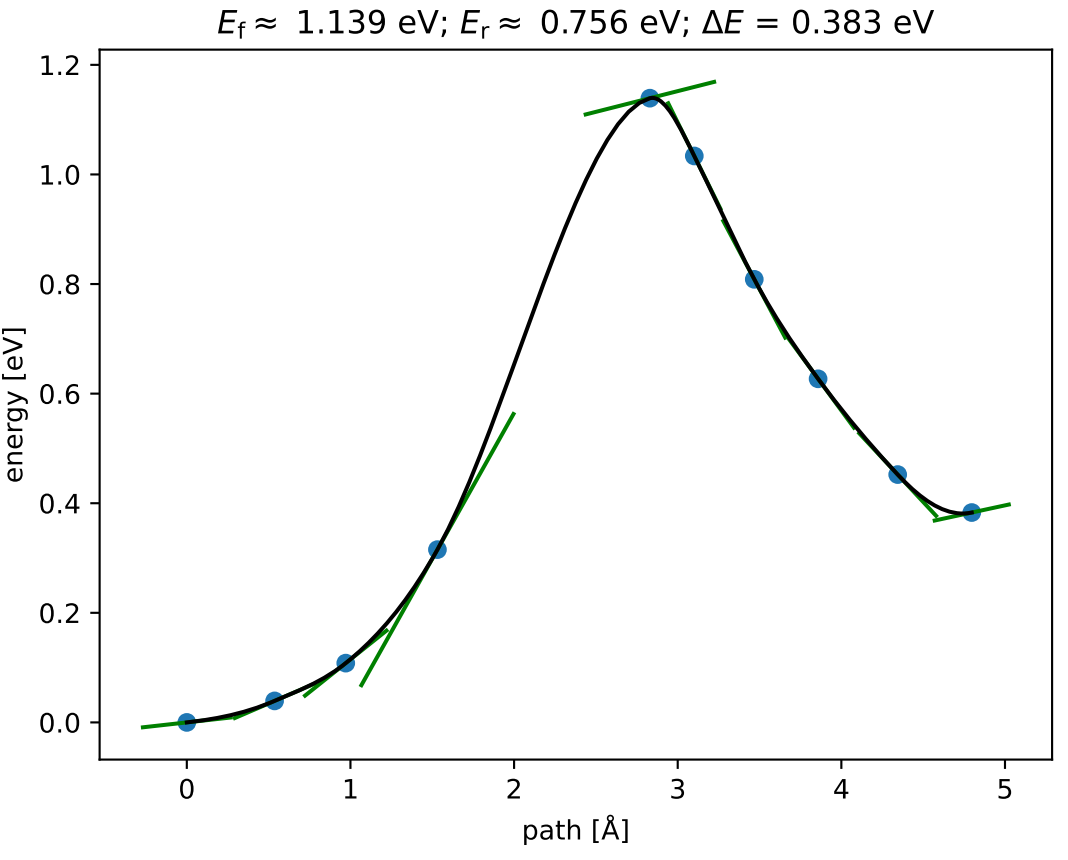

$E_f \approx$ 1.163 eV; $E_r \approx$ 0.780 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

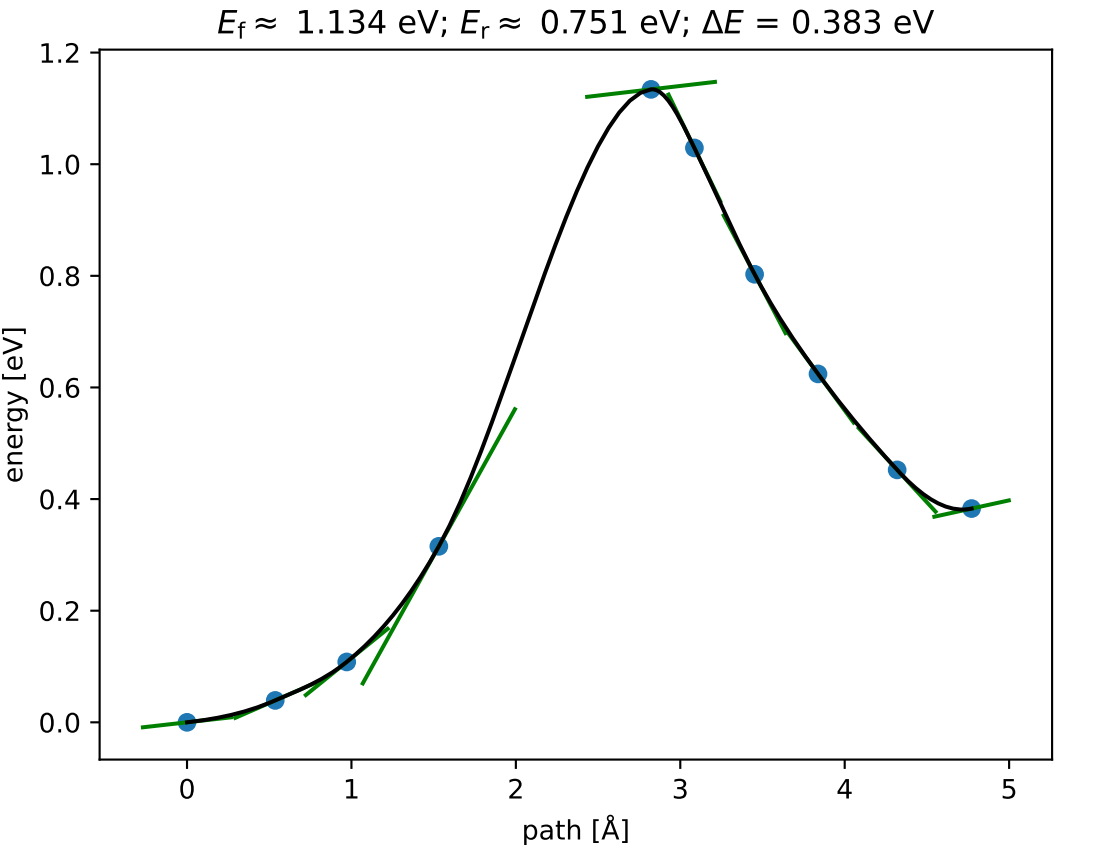

$E_f \approx$ 1.158 eV; $E_r \approx$ 0.775 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

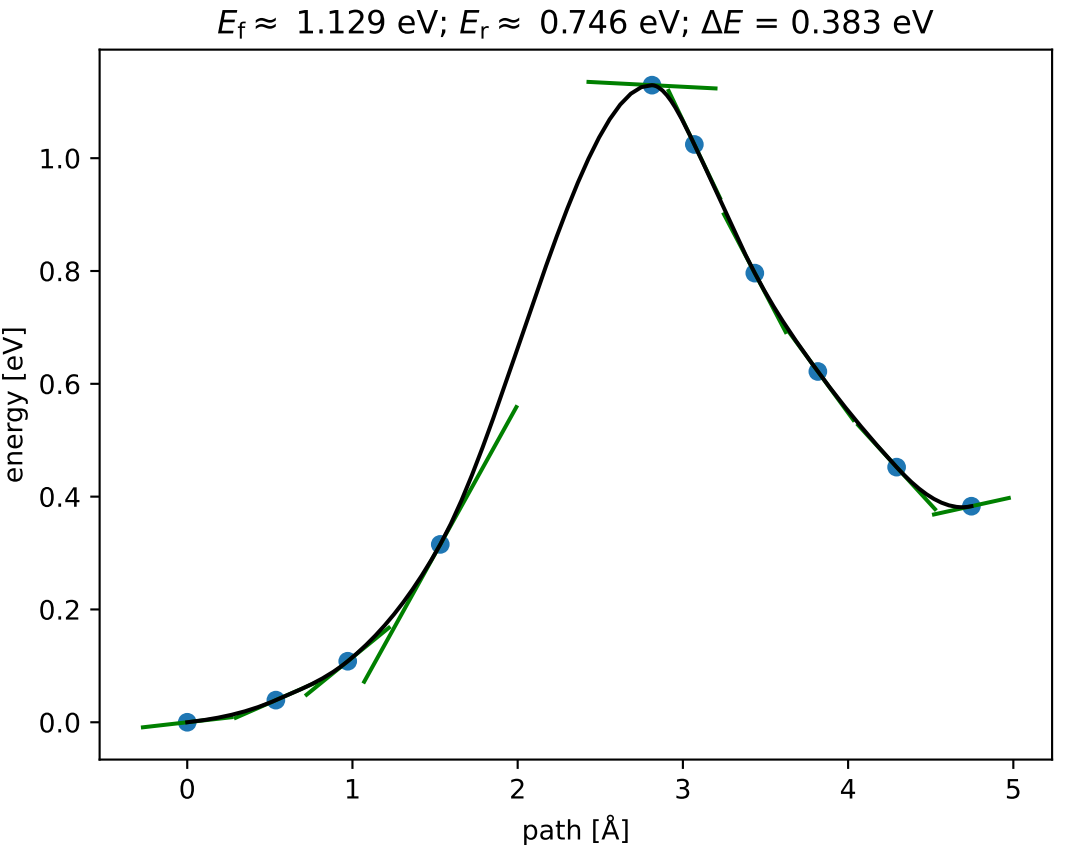

$E_f \approx$ 1.154 eV; $E_r \approx$ 0.771 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

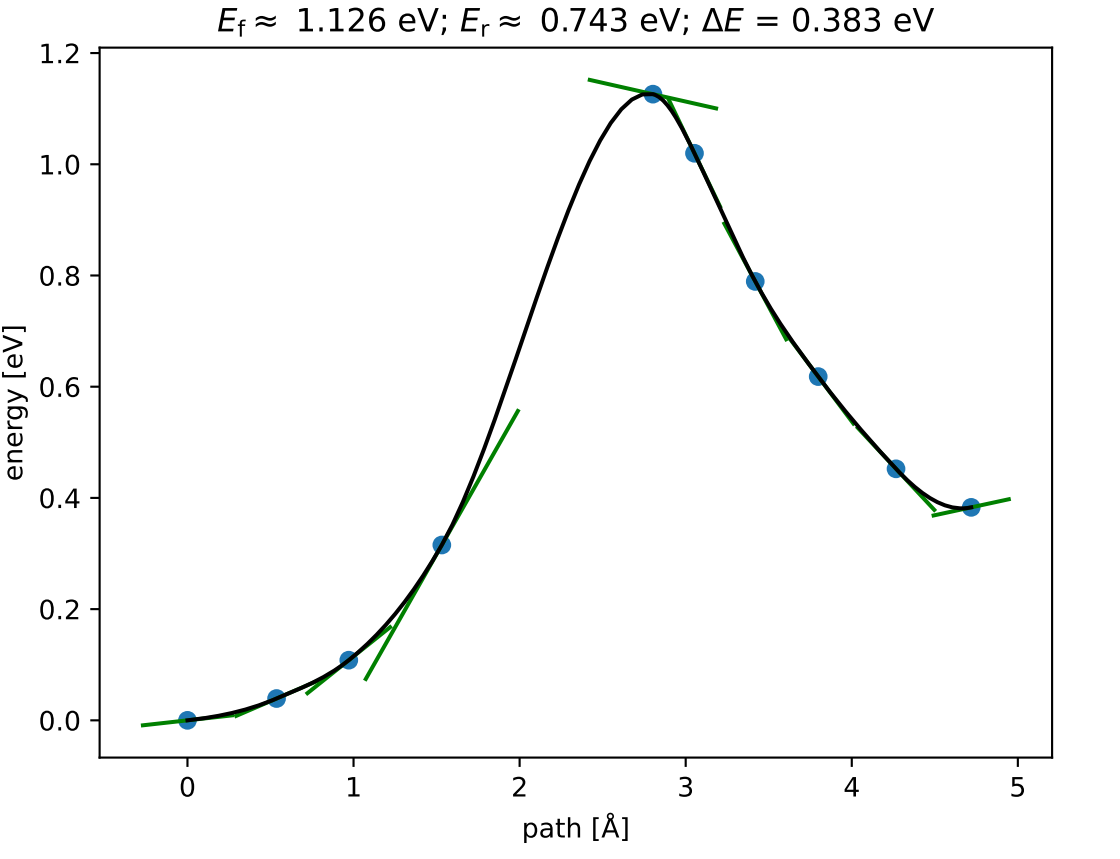

$E_f \approx$ 1.149 eV; $E_r \approx$ 0.766 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

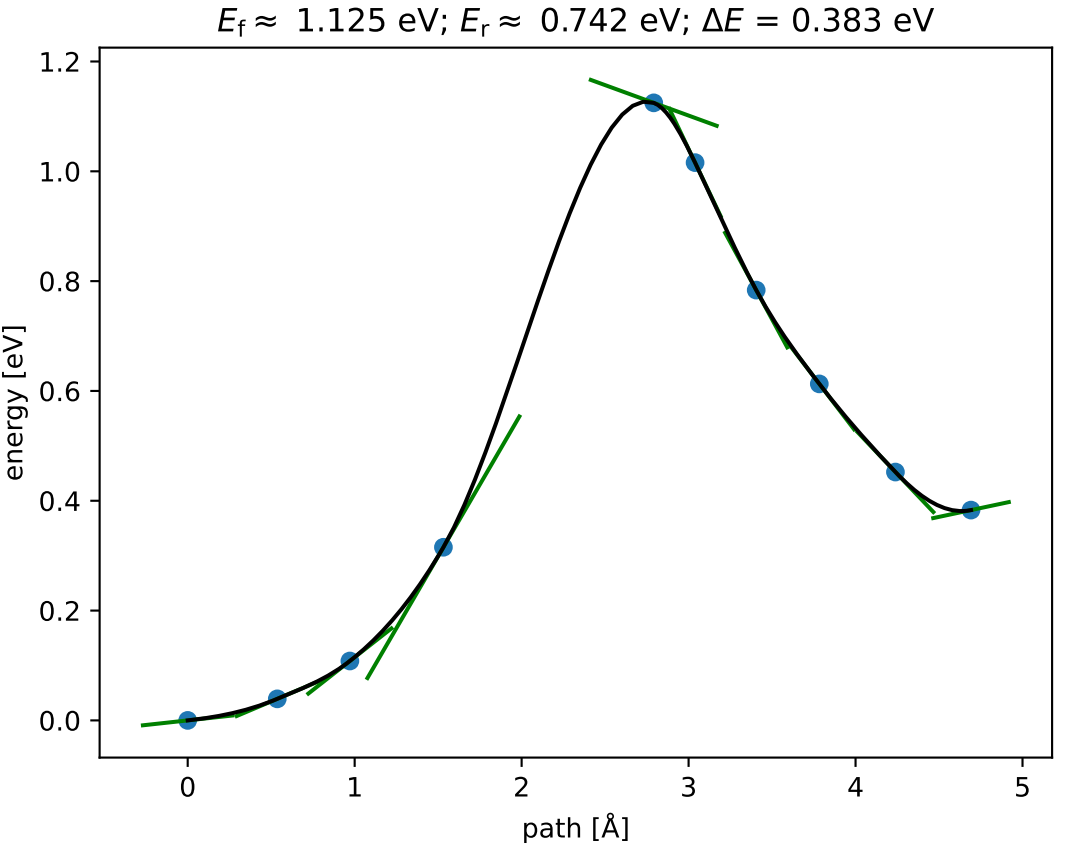

$E_f \approx$ 1.144 eV; $E_r \approx$ 0.761 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

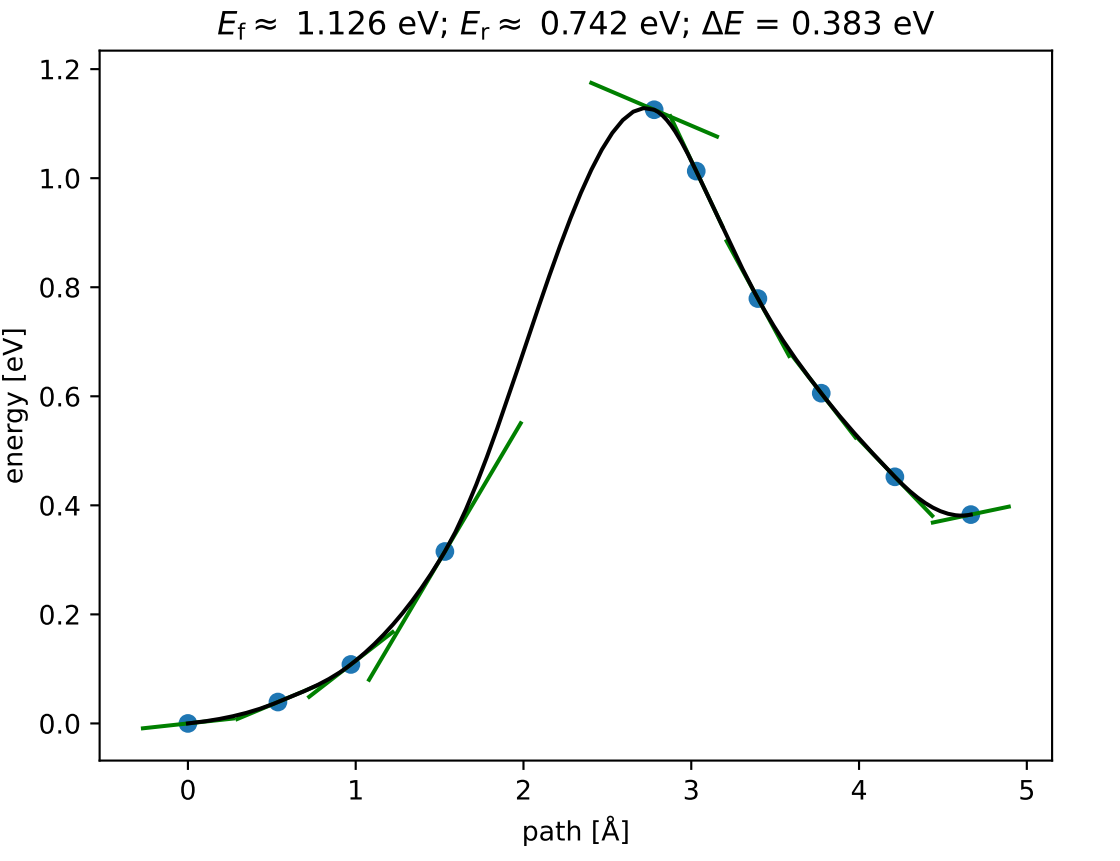

$E_f \approx$ 1.139 eV; $E_r \approx$ 0.756 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

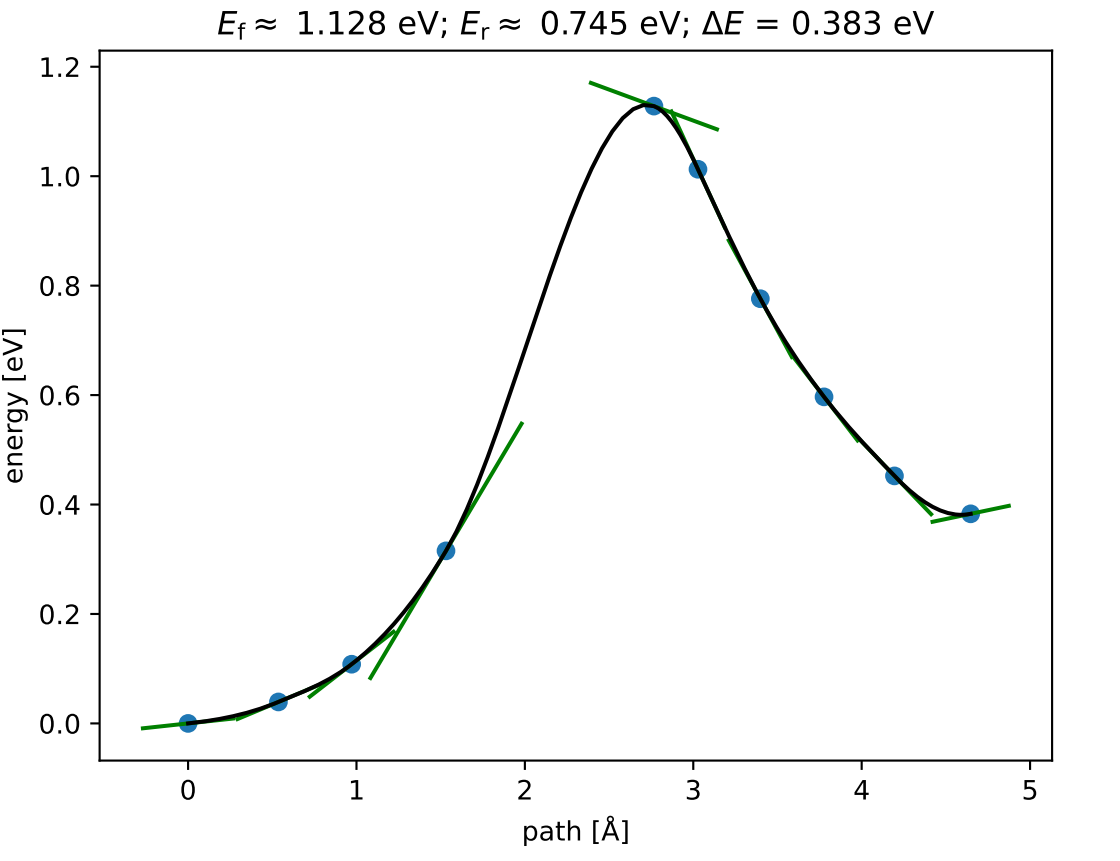

$E_f \approx$ 1.134 eV; $E_r \approx$ 0.751 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

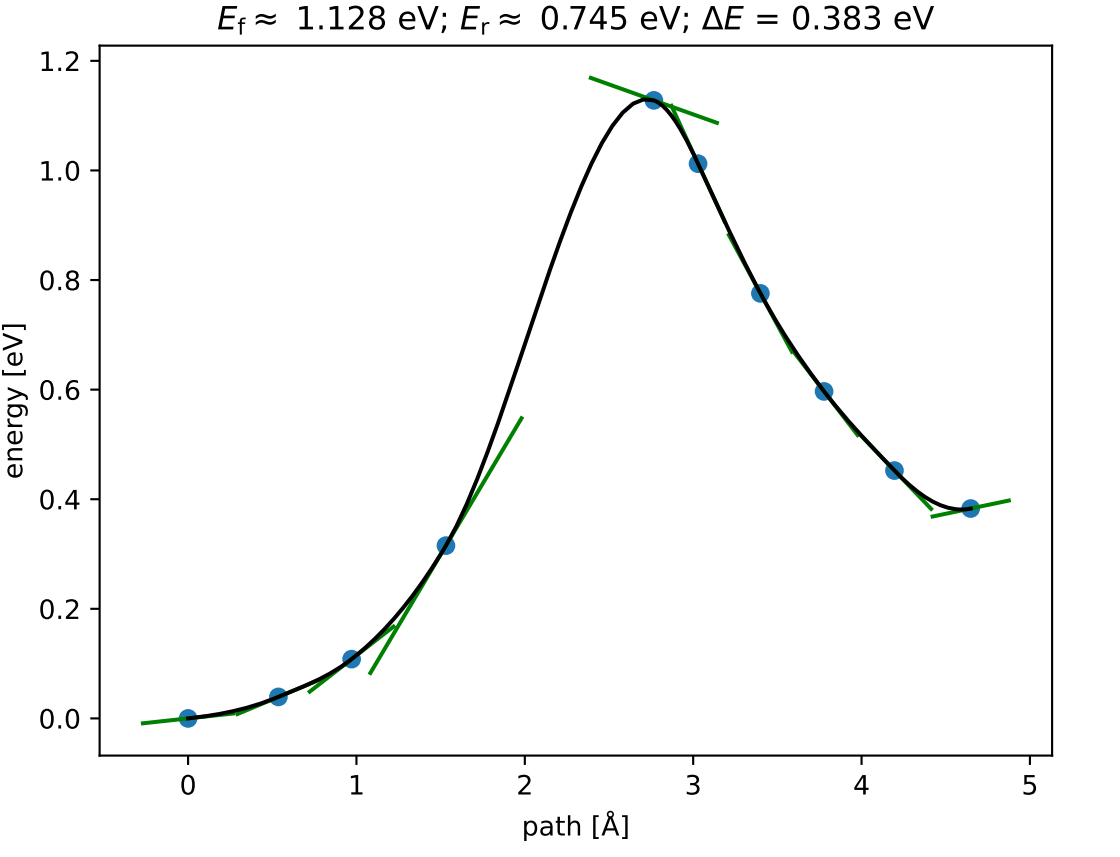

$E_f \approx$ 1.129 eV; $E_r \approx$ 0.746 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5

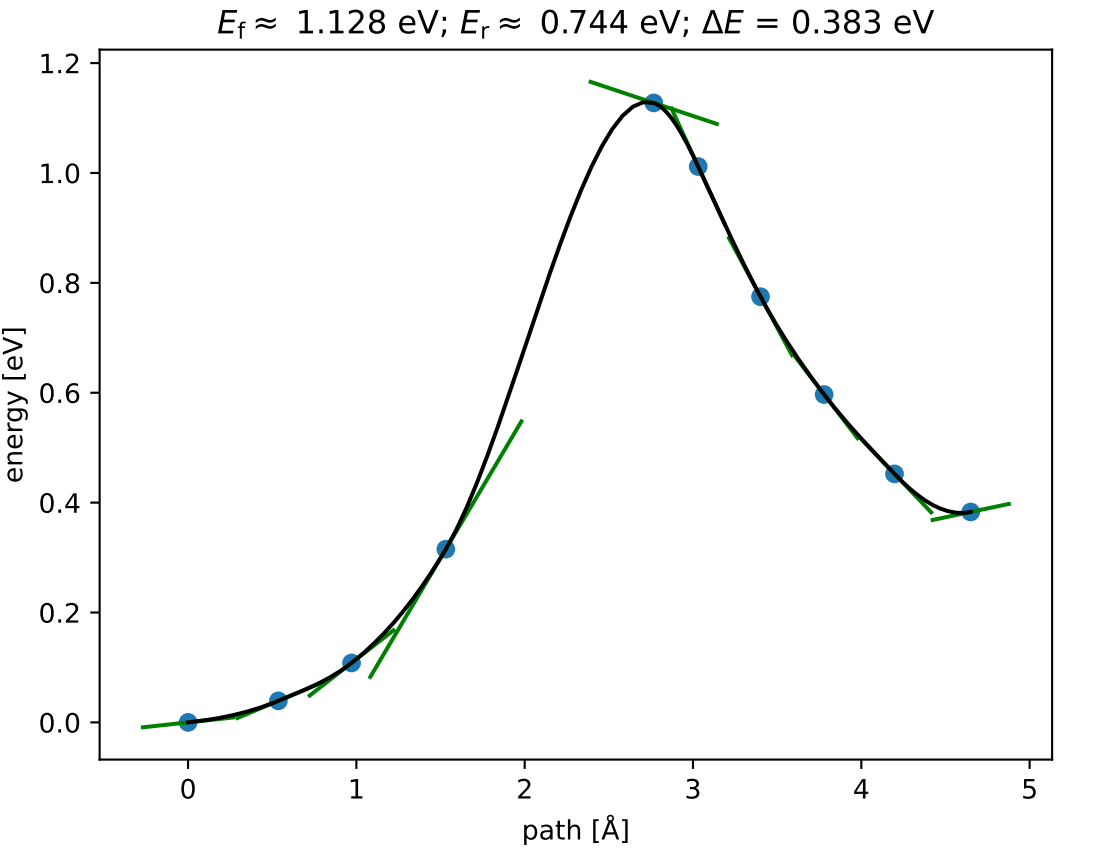

$E_f \approx$ 1.126 eV; $E_r \approx$ 0.743 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

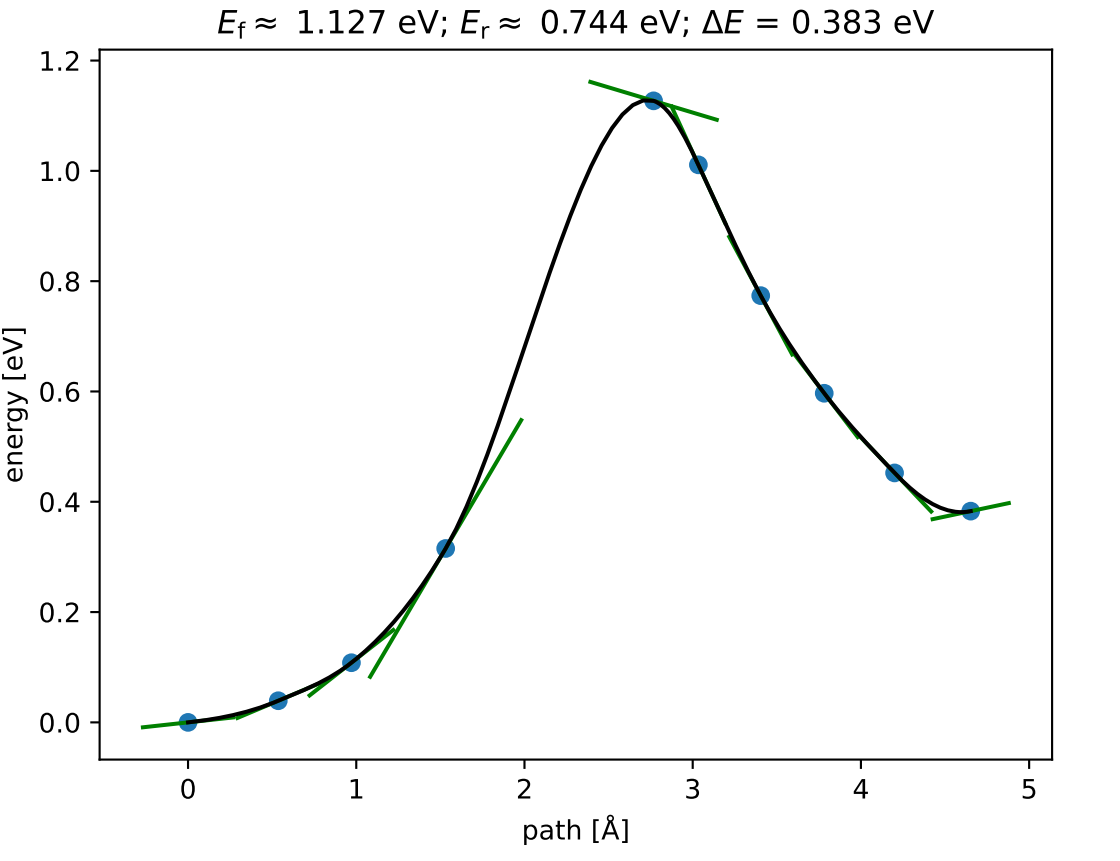

$E_f \approx$ 1.125 eV; $E_r \approx$ 0.742 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

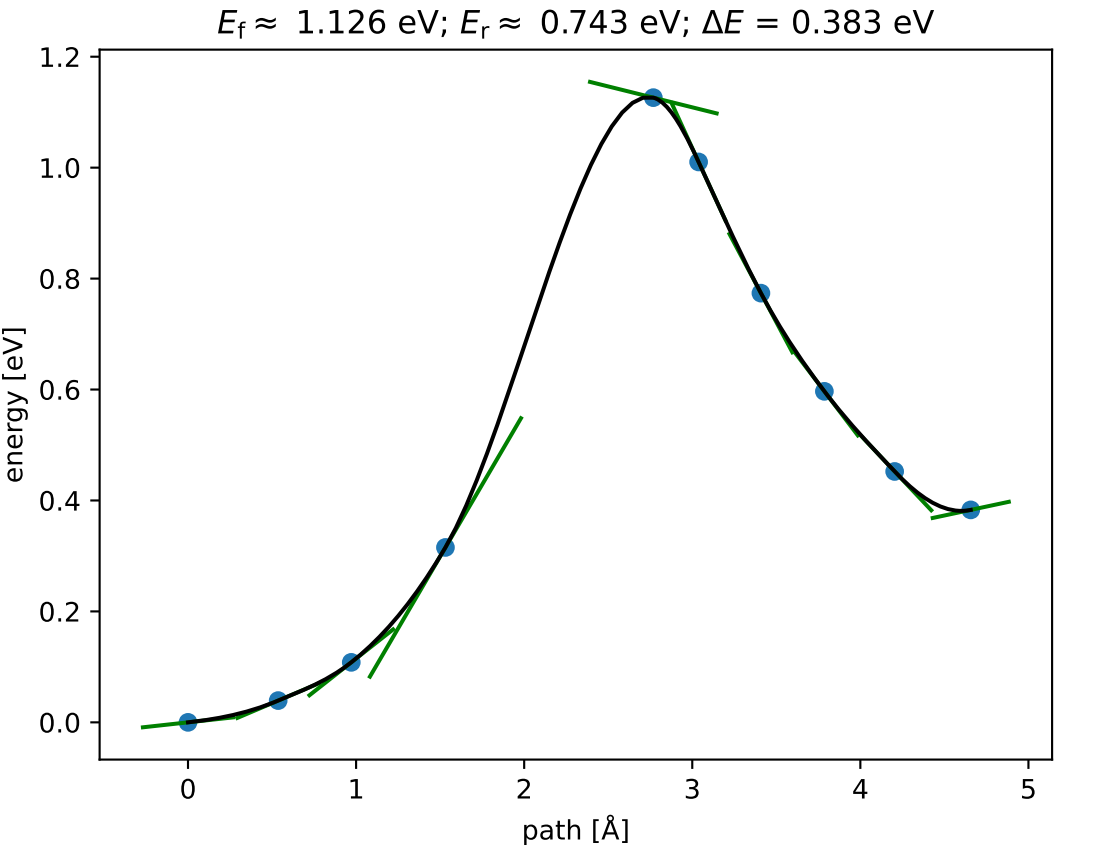

$E_f \approx$ 1.126 eV; $E_r \approx$ 0.742 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

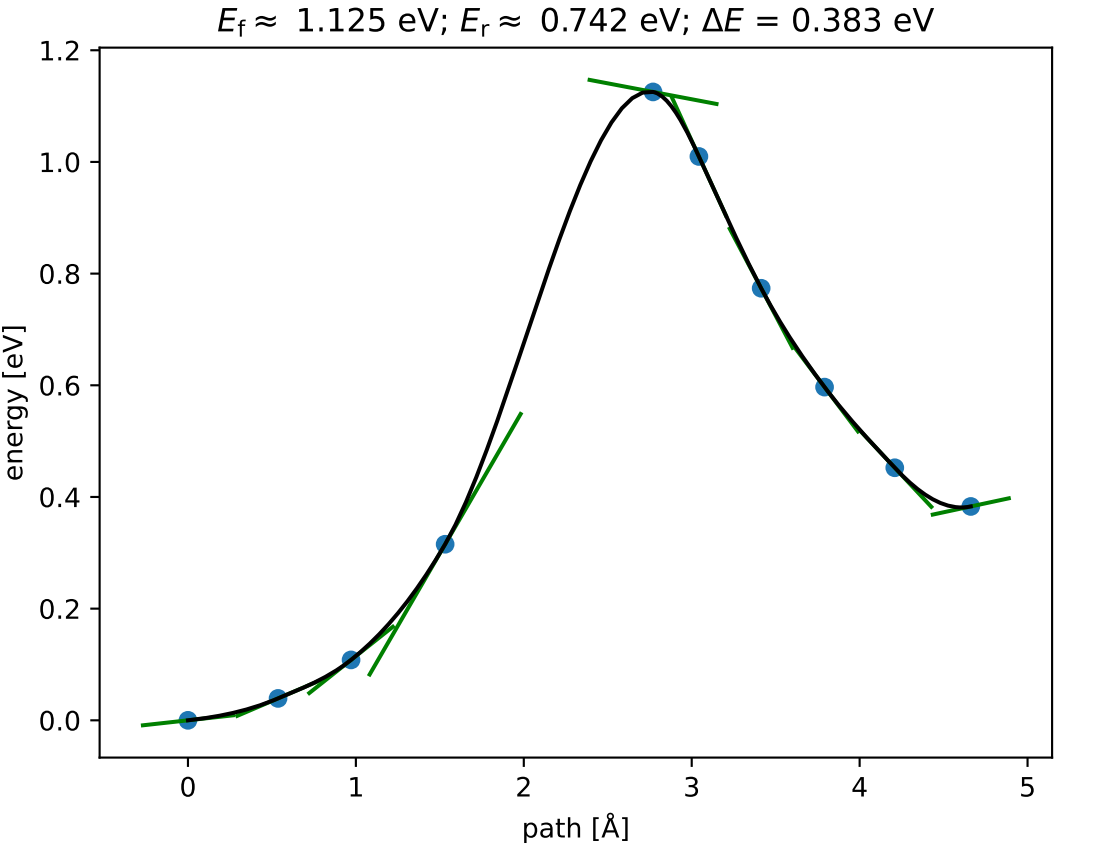

$E_f \approx$ 1.128 eV; $E_r \approx$ 0.745 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

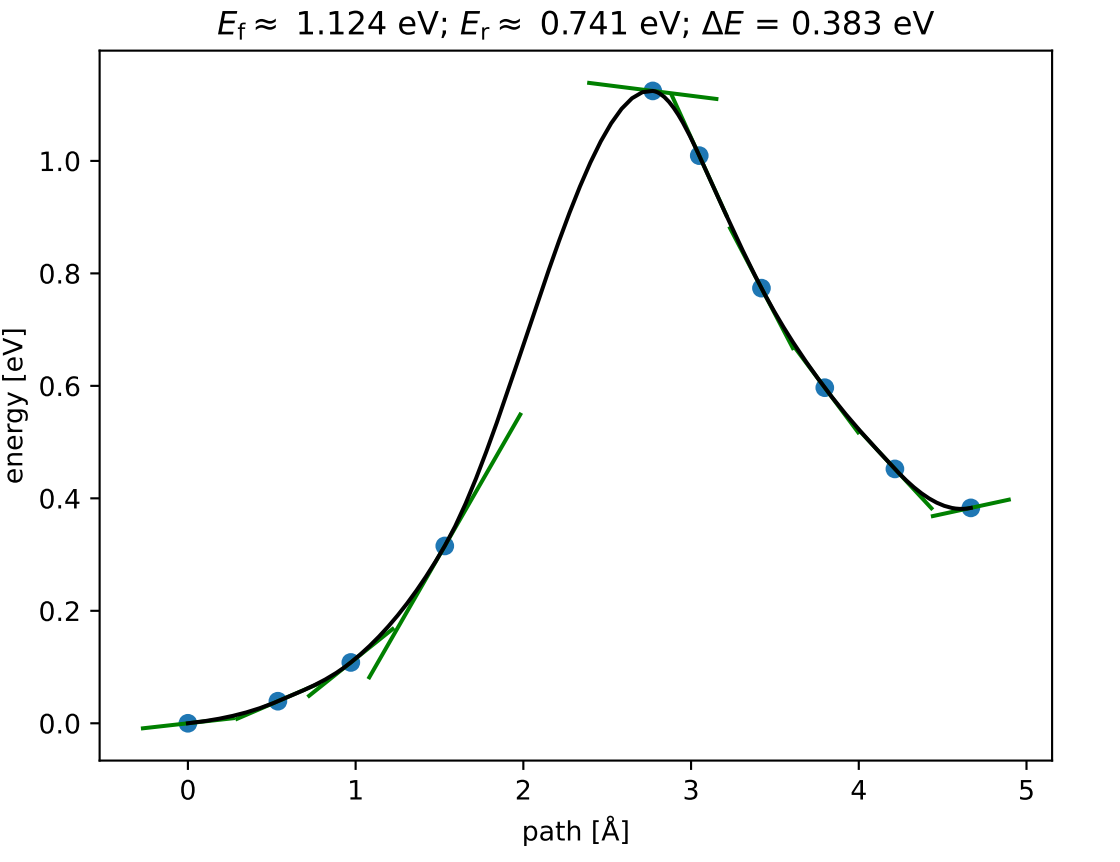

$E_f \approx$ 1.128 eV; $E_r \approx$ 0.745 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

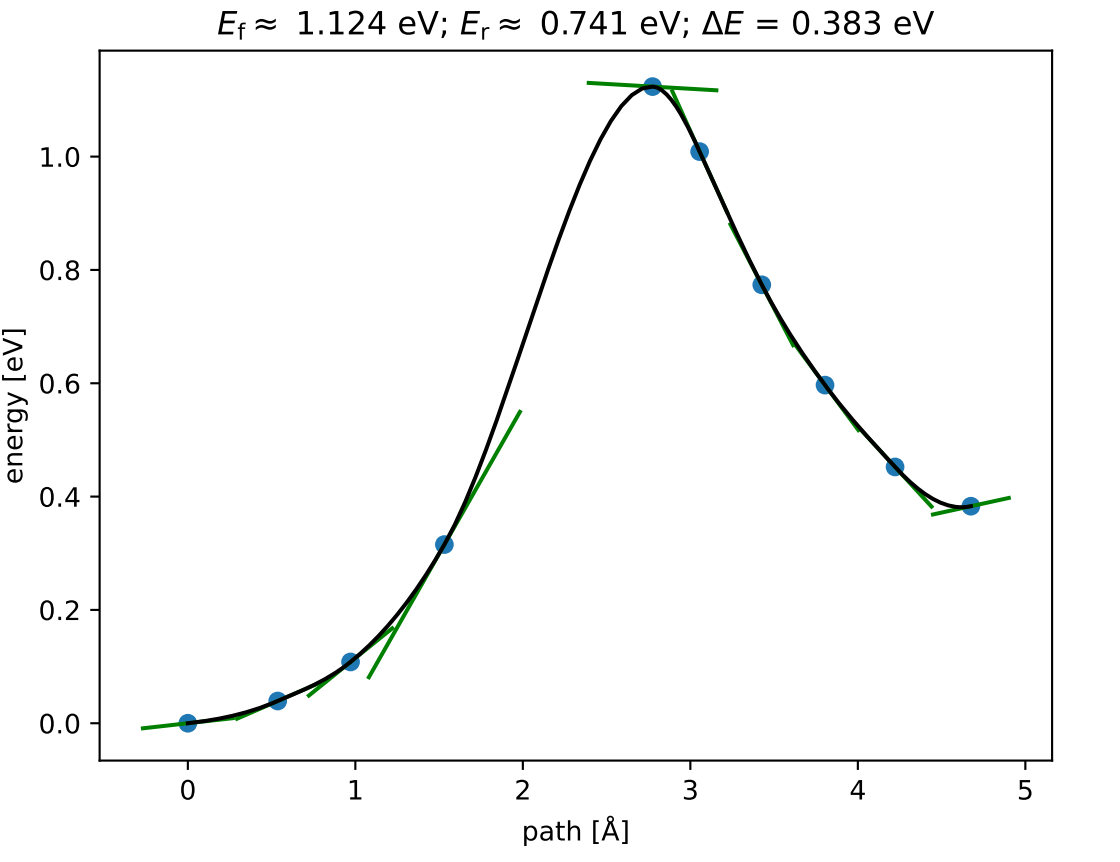

$E_f \approx$ 1.128 eV; $E_r \approx$ 0.744 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

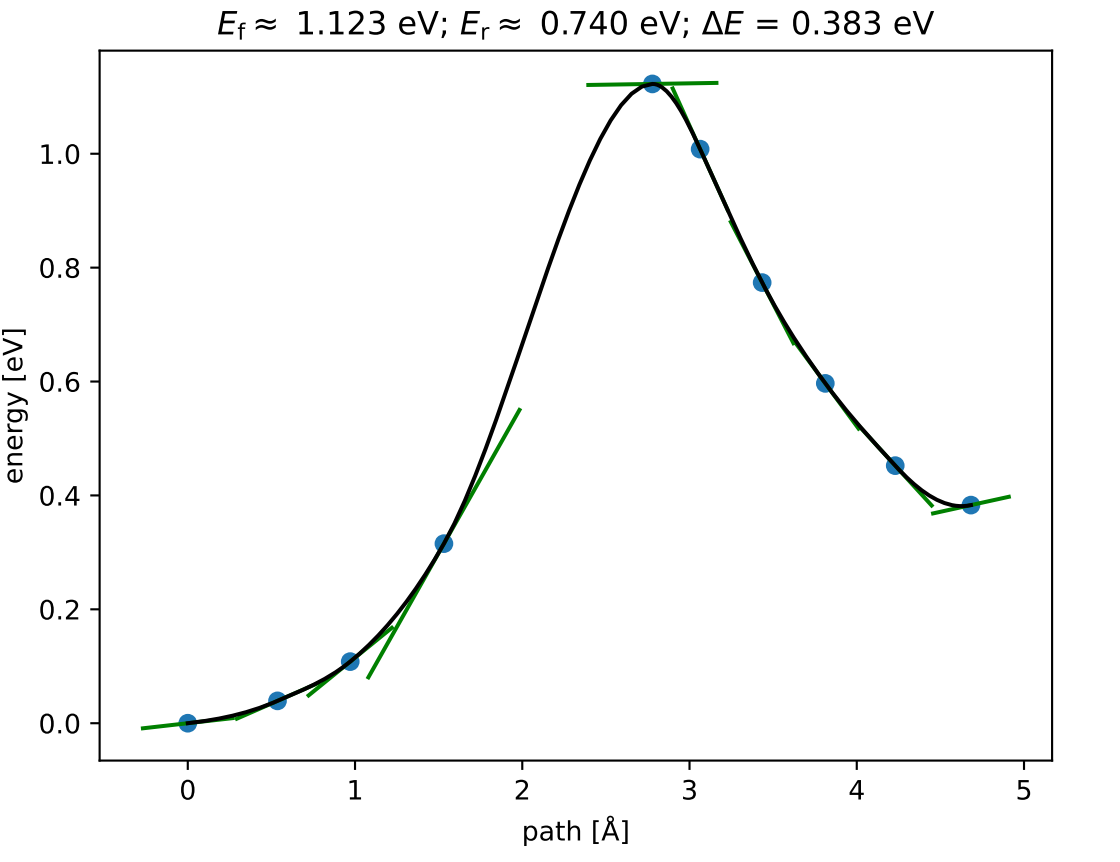

$E_f \approx$ 1.127 eV; $E_r \approx$ 0.744 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

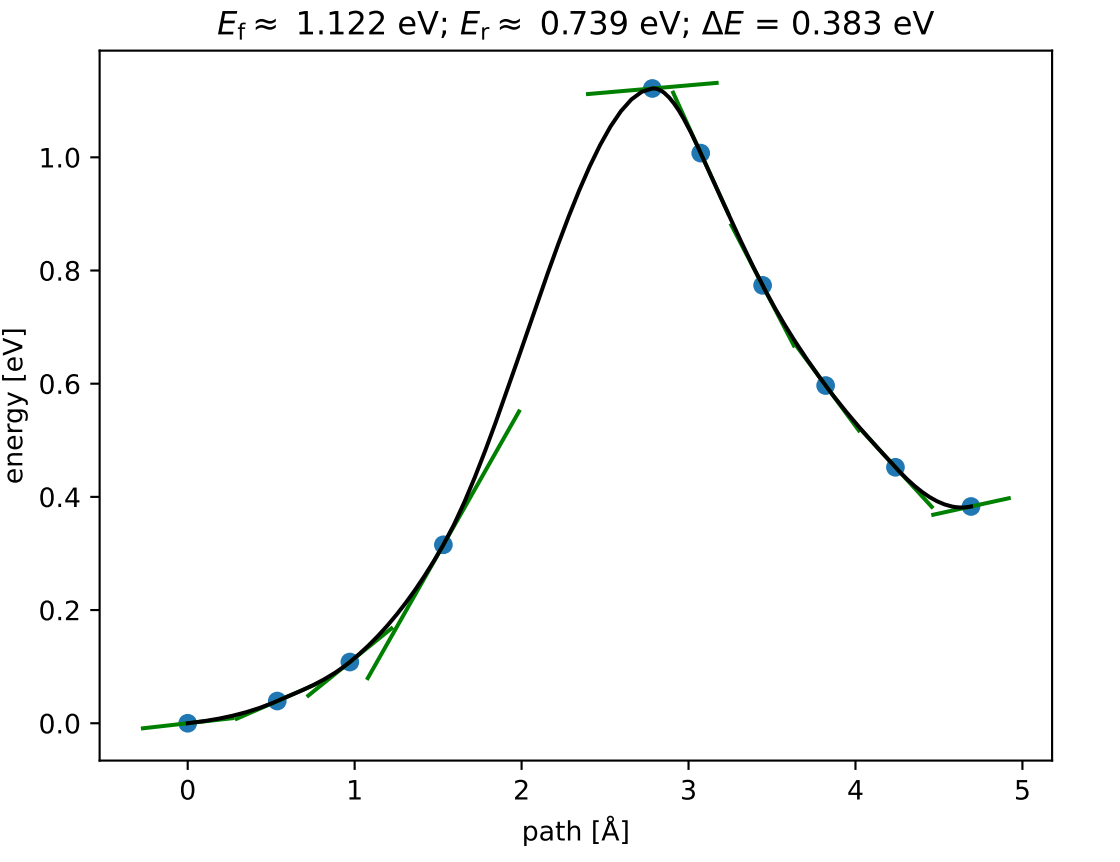

$E_f \approx$ 1.126 eV; $E_r \approx$ 0.743 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

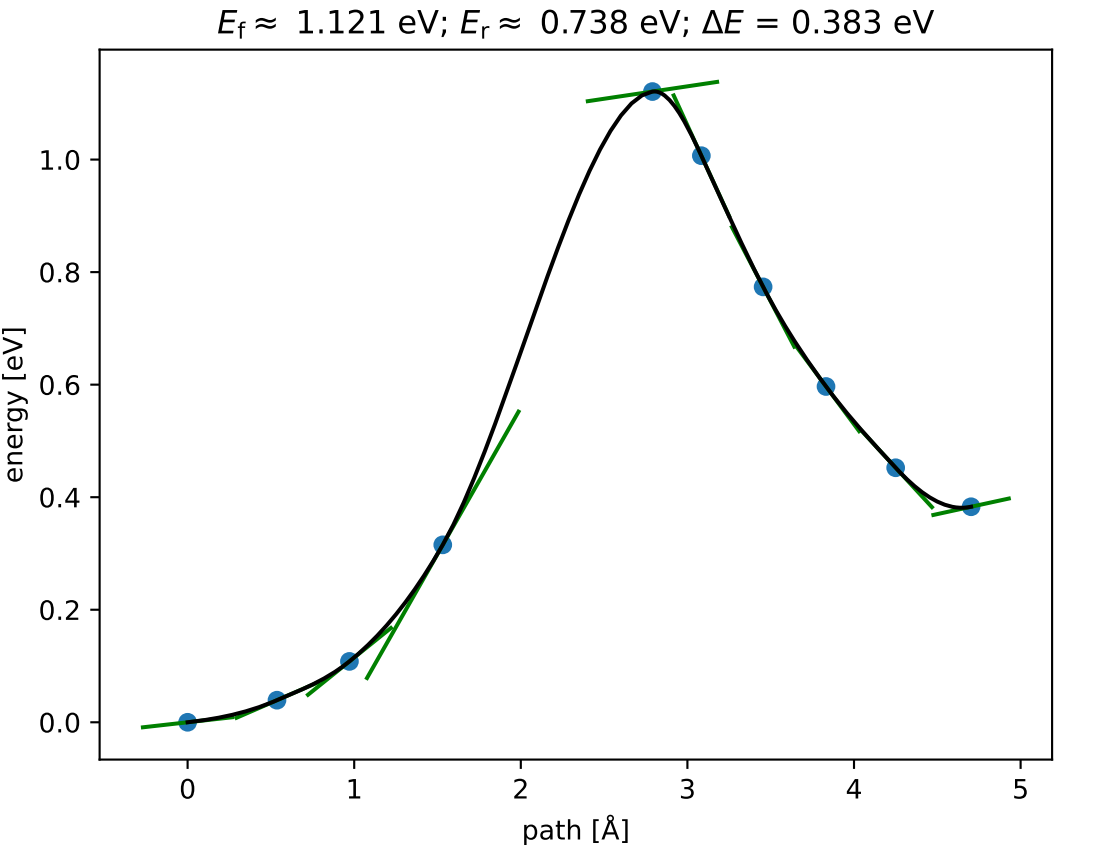

$E_f \approx$ 1.125 eV; $E_r \approx$ 0.742 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5

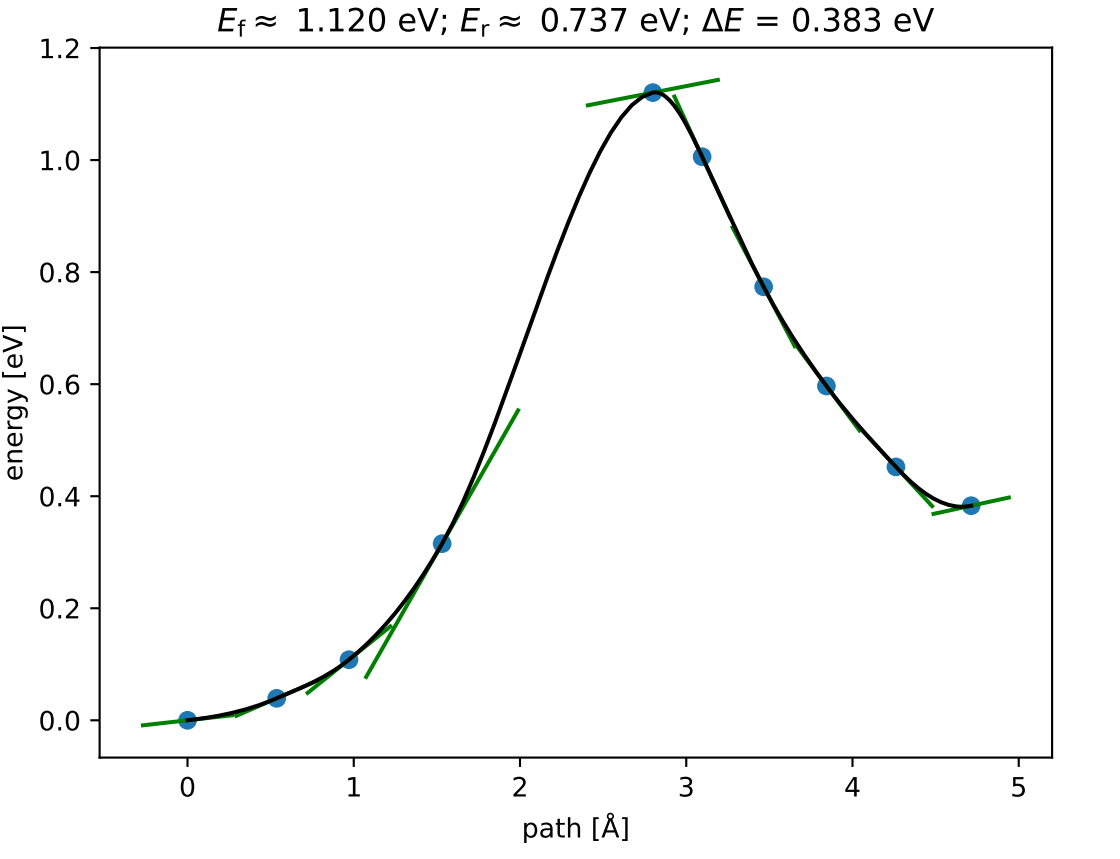

$E_f \approx$ 1.124 eV; $E_r \approx$ 0.741 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5

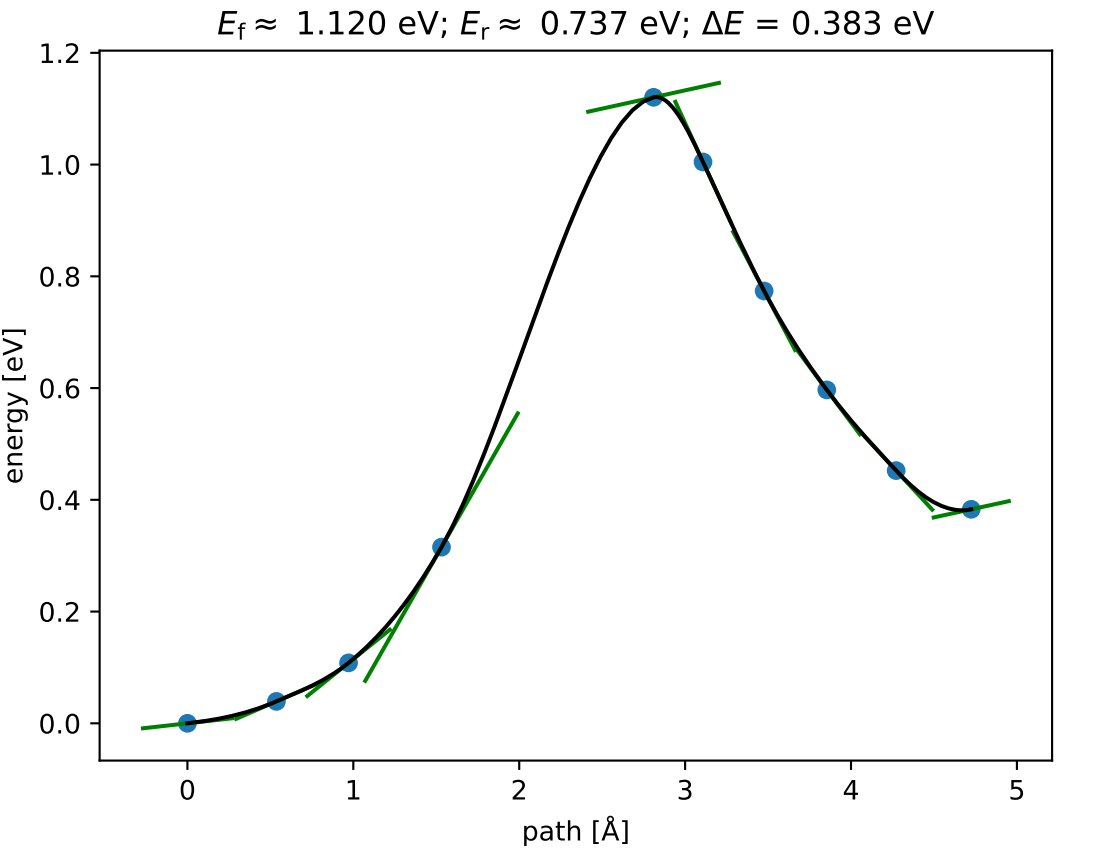

$E_f \approx$ 1.124 eV; $E_r \approx$ 0.741 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5

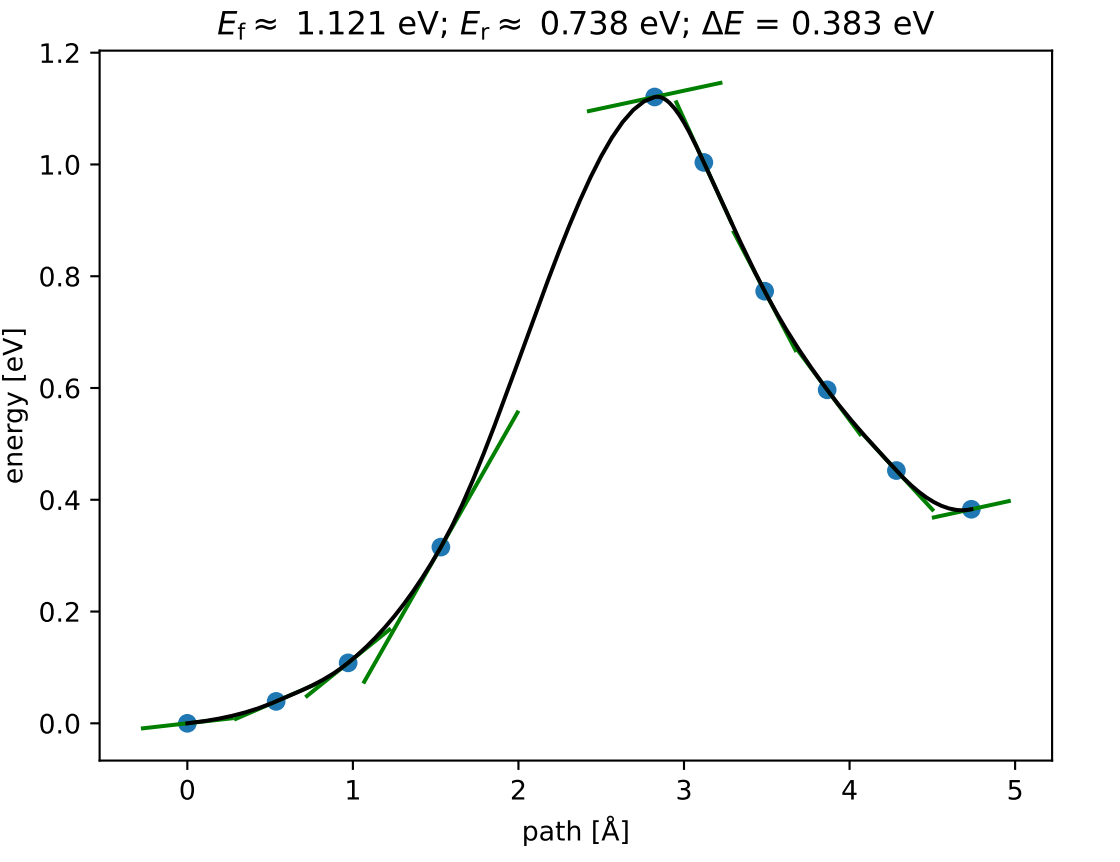

$E_f \approx$ 1.123 eV; $E_r \approx$ 0.740 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5

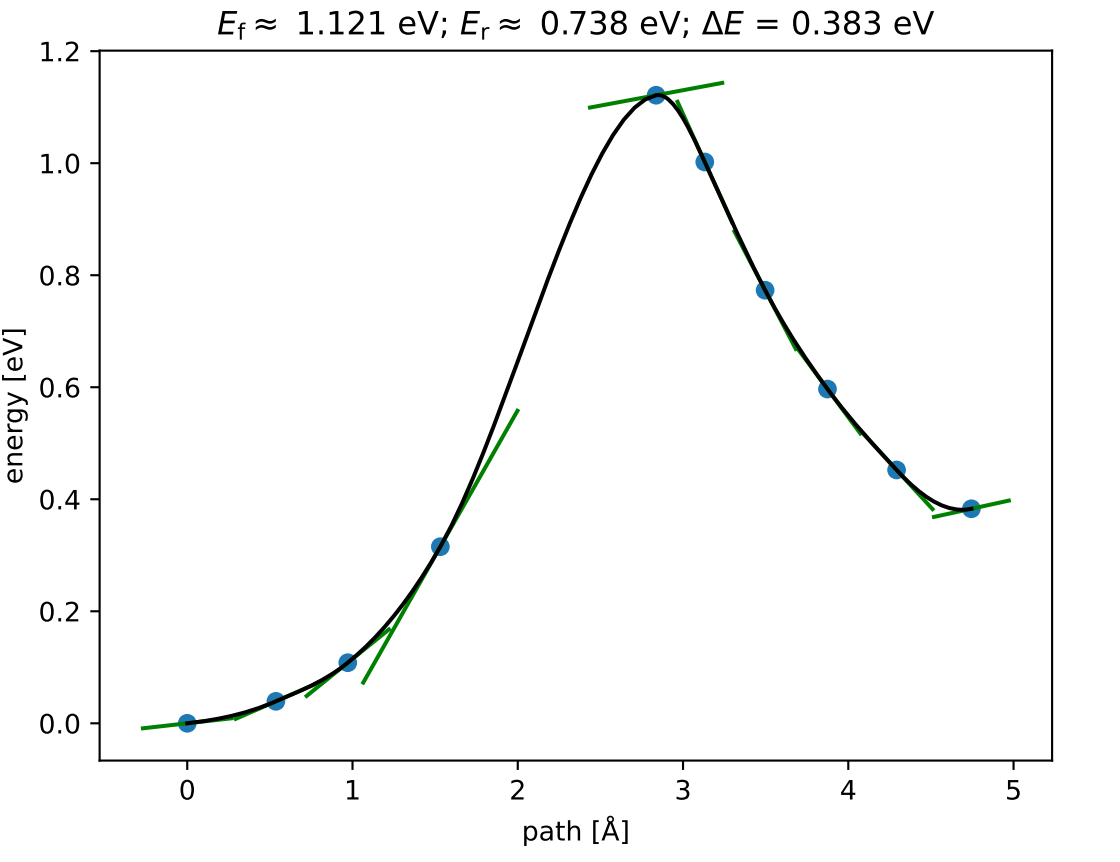

$E_f \approx$ 1.122 eV; $E_r \approx$ 0.739 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5

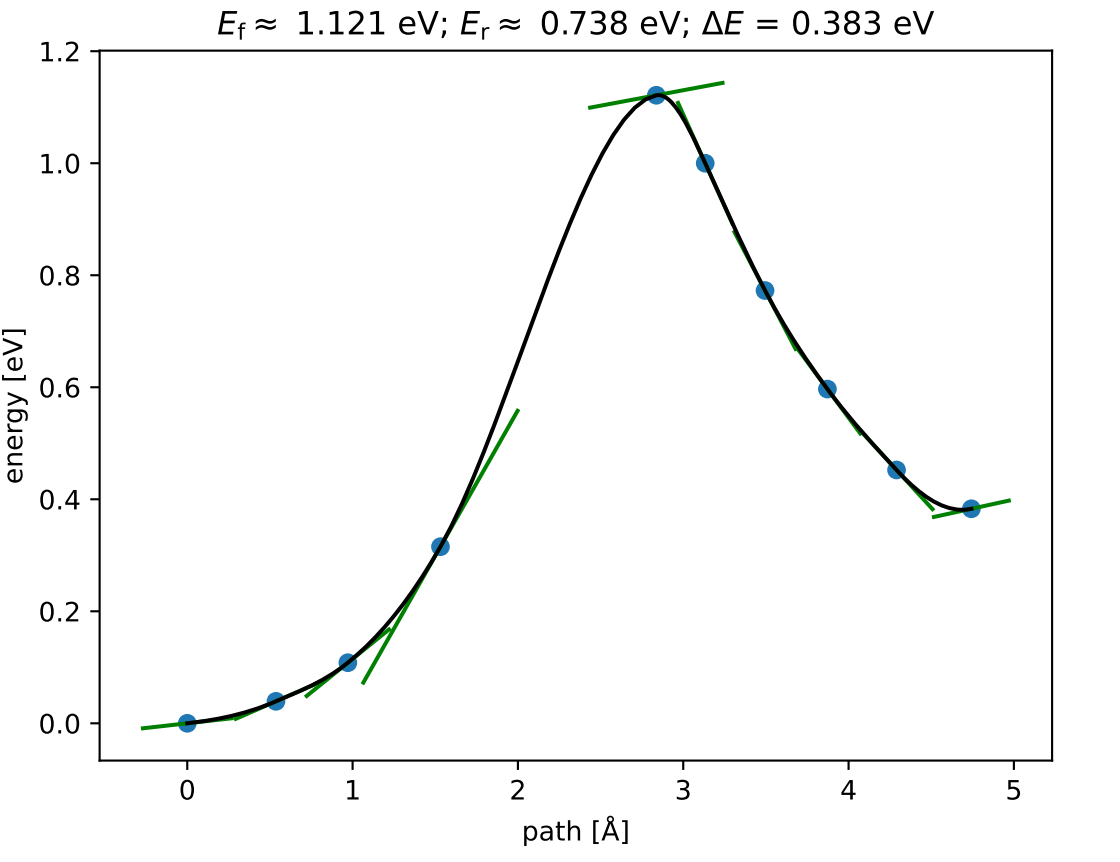

$E_f \approx$ 1.121 eV; $E_r \approx$ 0.738 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5


$E_f \approx$ 1.120 eV; $E_r \approx$ 0.737 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5


$E_f \approx$ 1.120 eV; $E_r \approx$ 0.737 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5


$E_f \approx$ 1.121 eV; $E_r \approx$ 0.738 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5


$E_f \approx$ 1.121 eV; $E_r \approx$ 0.738 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5


$E_f \approx$ 1.121 eV; $E_r \approx$ 0.738 eV; ΔE = 0.383 eV
energy [eV]
path [Å]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0
1
2
3
4
5