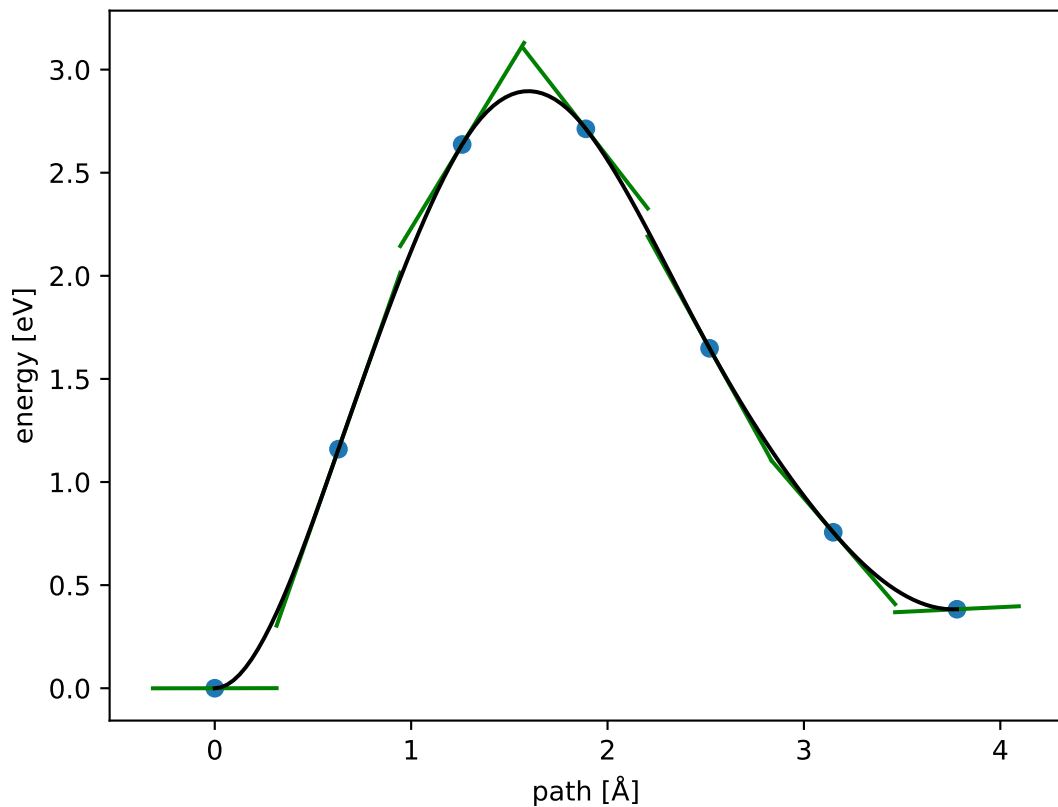
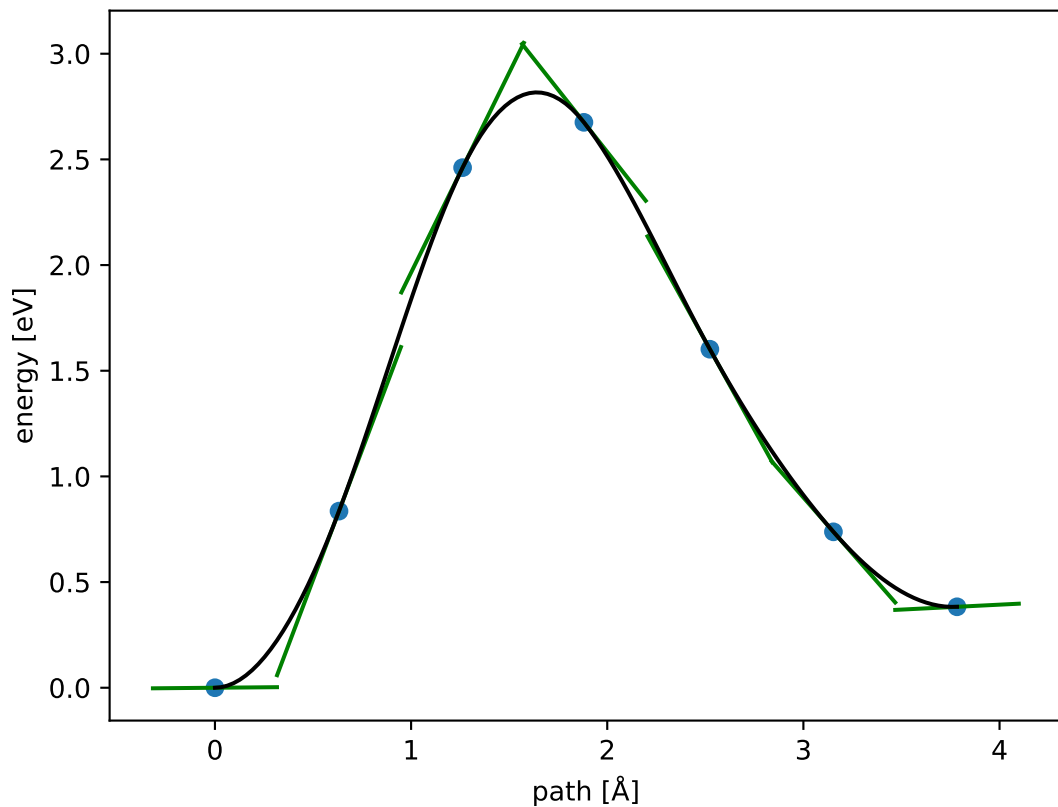


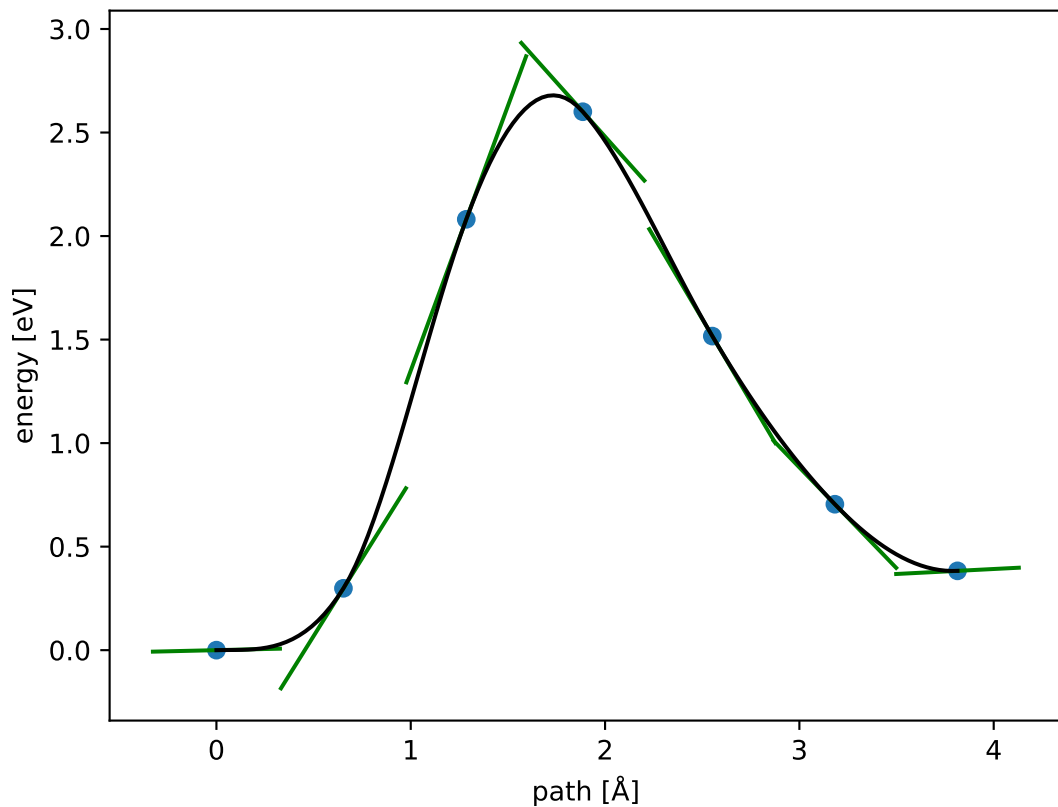
$$E_f \approx 2.713 \text{ eV}; E_r \approx 2.330 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



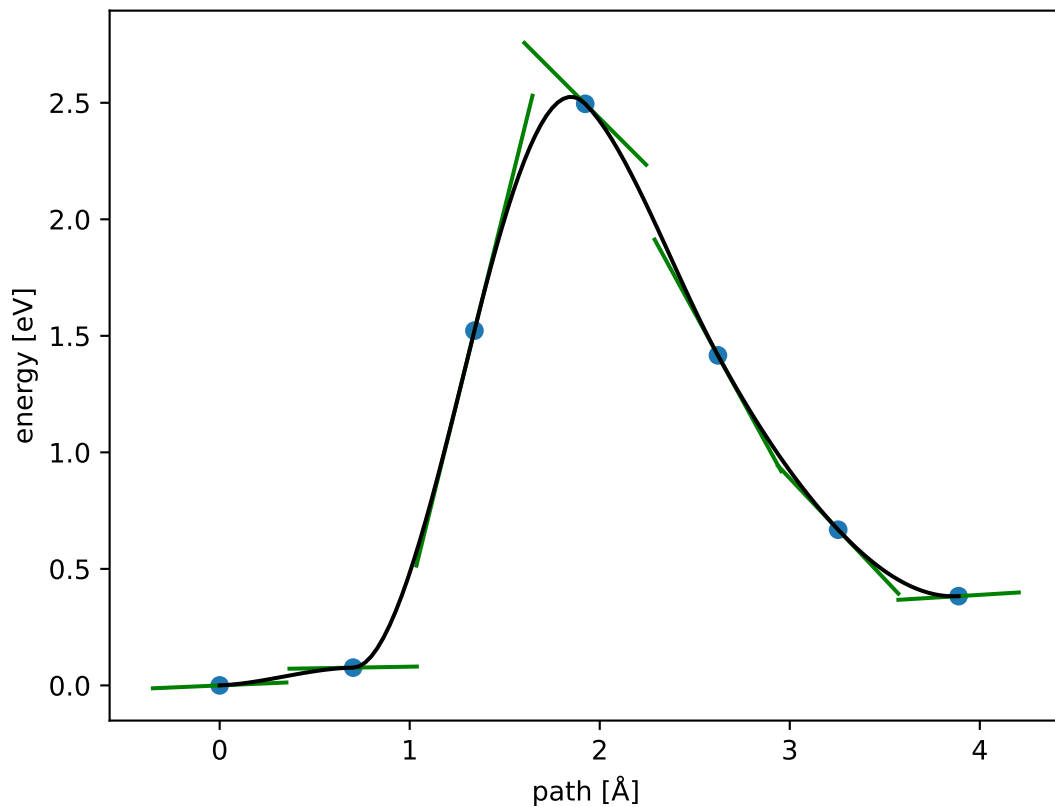
$$E_f \approx 2.675 \text{ eV}; E_r \approx 2.292 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



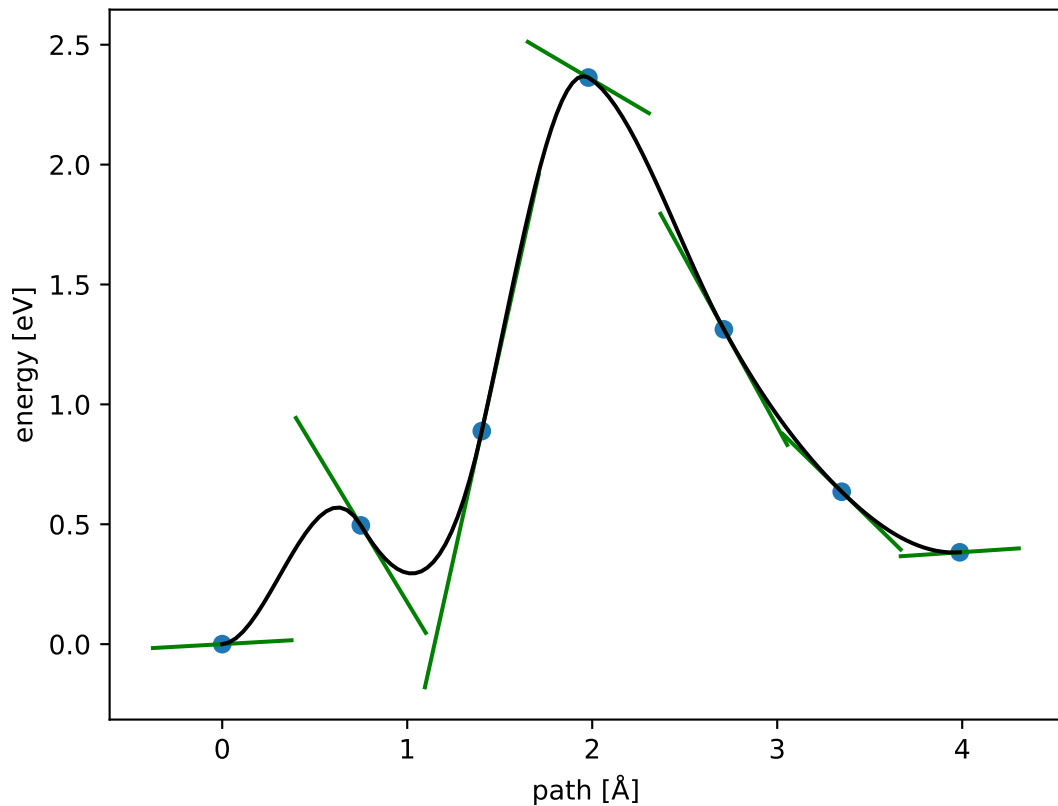
$$E_f \approx 2.600 \text{ eV}; E_r \approx 2.217 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



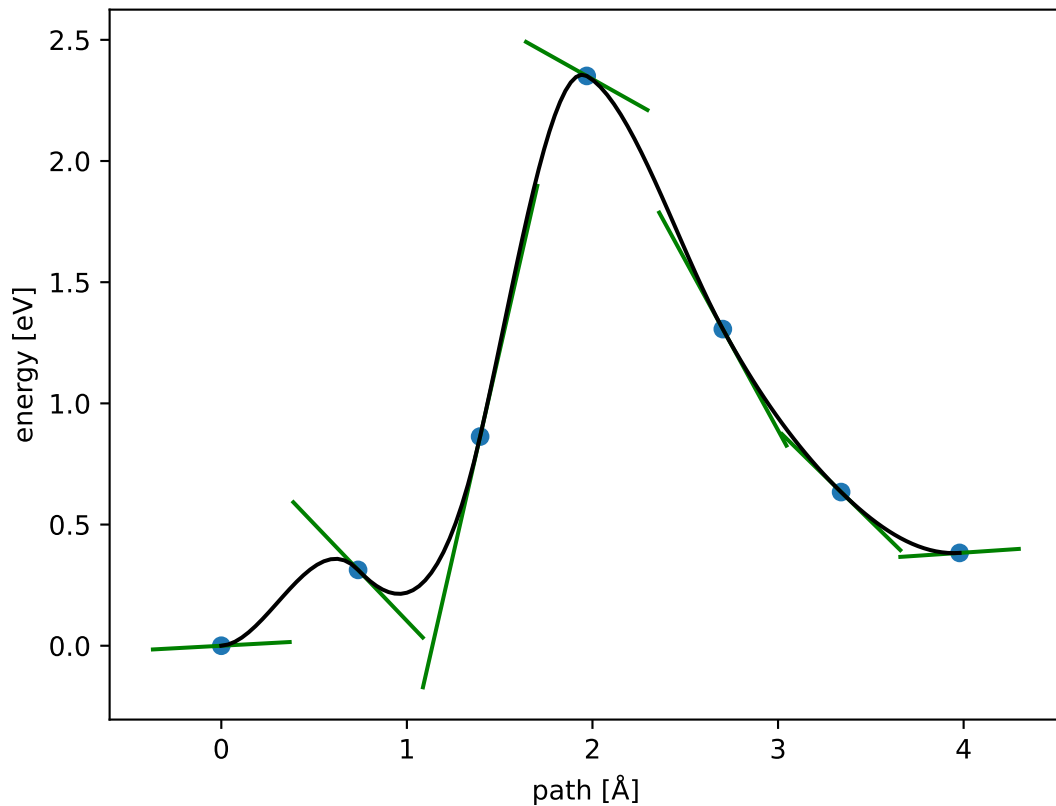
$$E_f \approx 2.496 \text{ eV}; E_r \approx 2.113 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



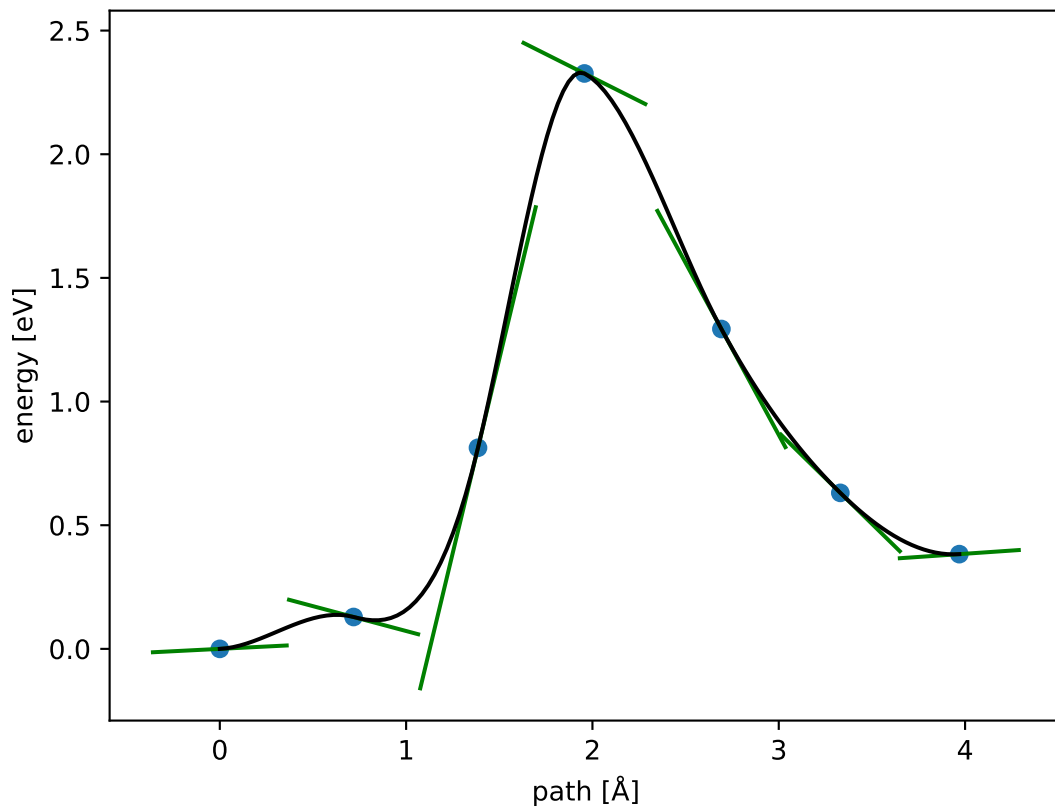
$$E_f \approx 2.363 \text{ eV}; E_r \approx 1.980 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



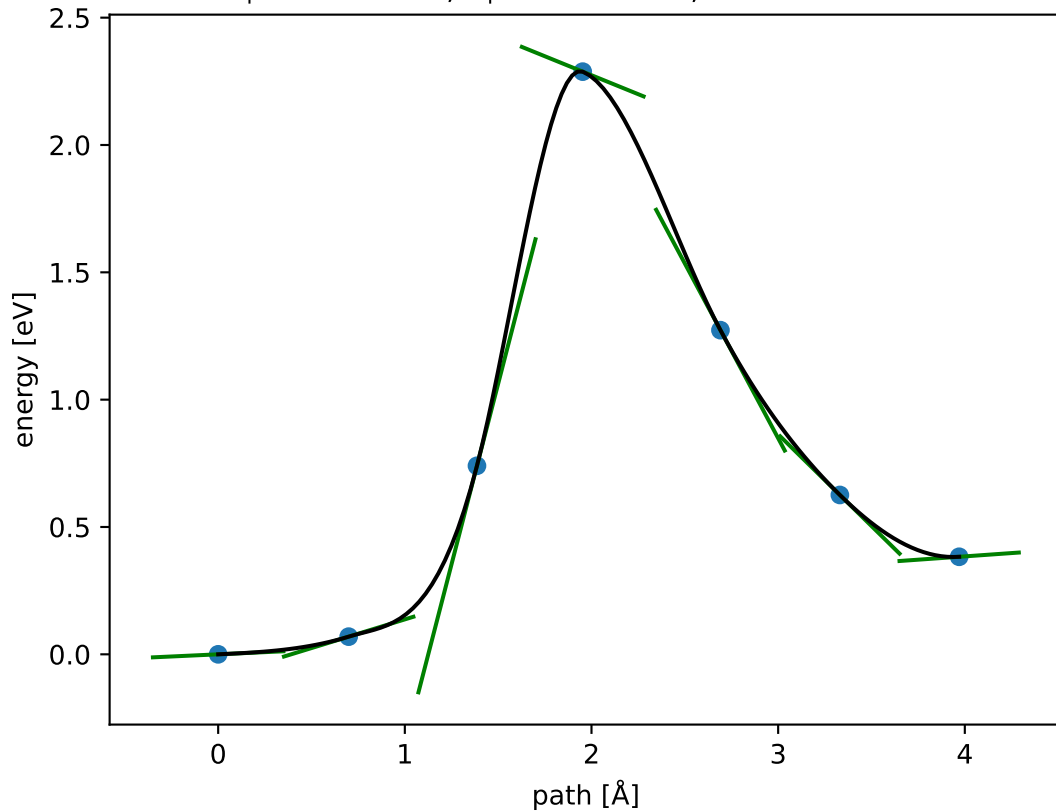
$$E_f \approx 2.351 \text{ eV}; E_r \approx 1.968 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



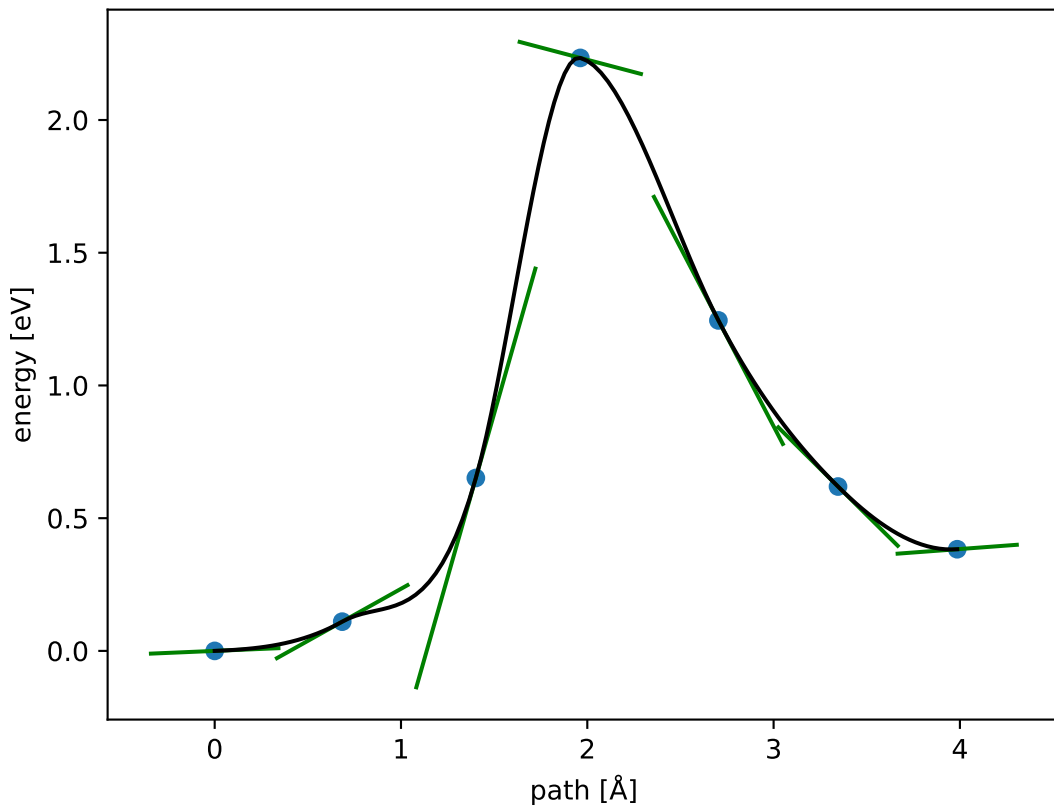
$$E_f \approx 2.327 \text{ eV}; E_r \approx 1.944 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



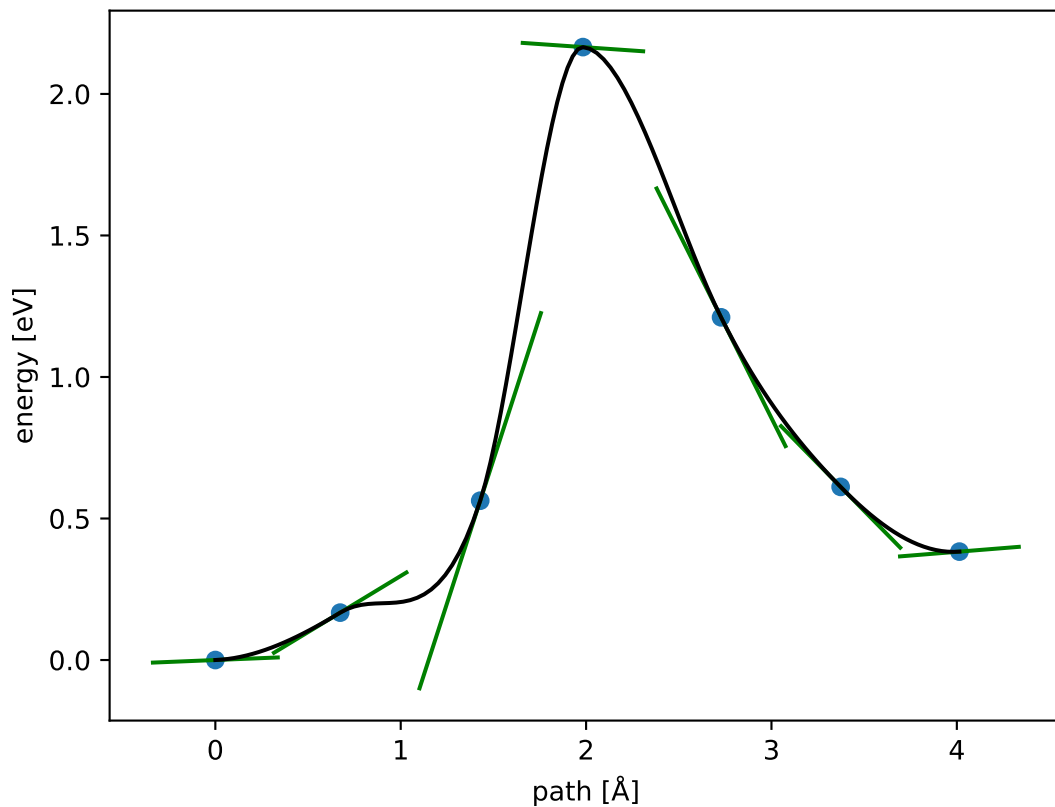
$$E_f \approx 2.288 \text{ eV}; E_r \approx 1.905 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



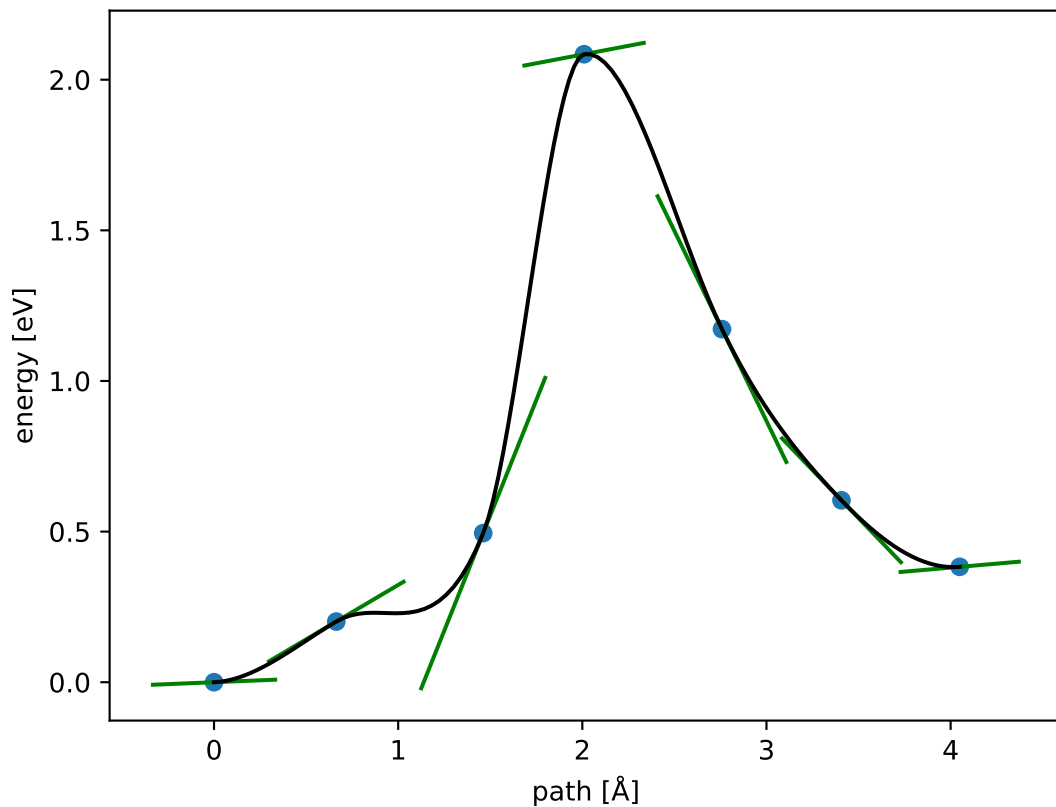
$$E_f \approx 2.234 \text{ eV}; E_r \approx 1.851 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



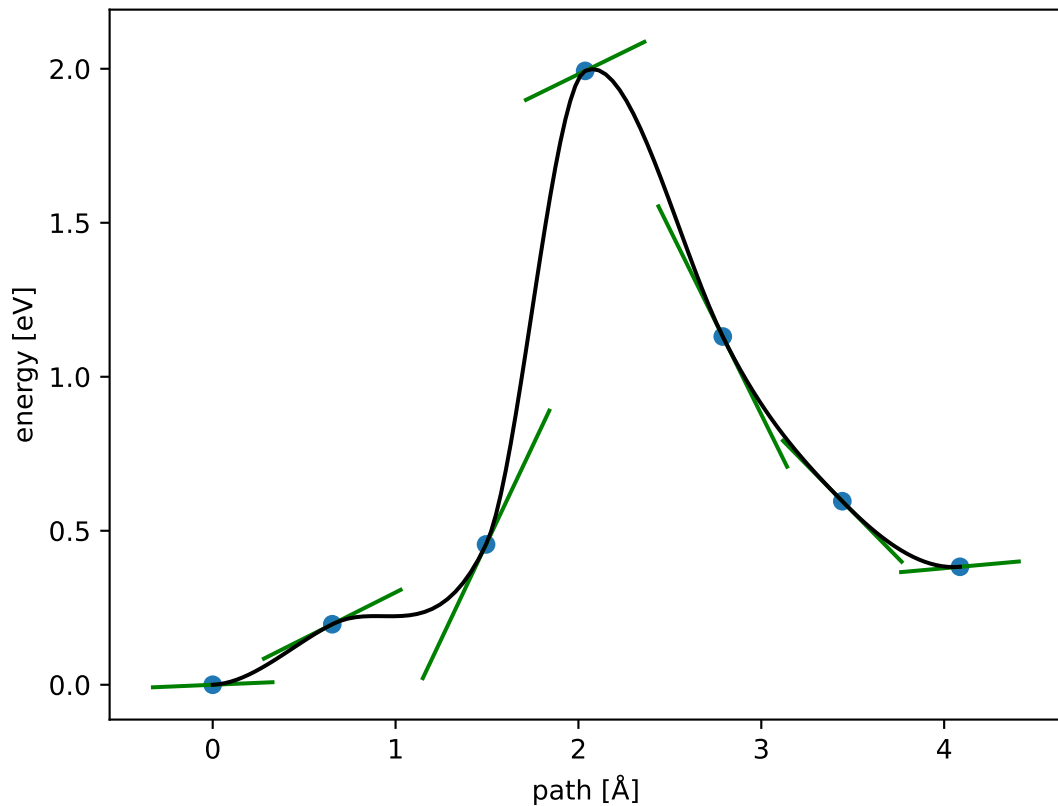
$$E_f \approx 2.166 \text{ eV}; E_r \approx 1.783 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



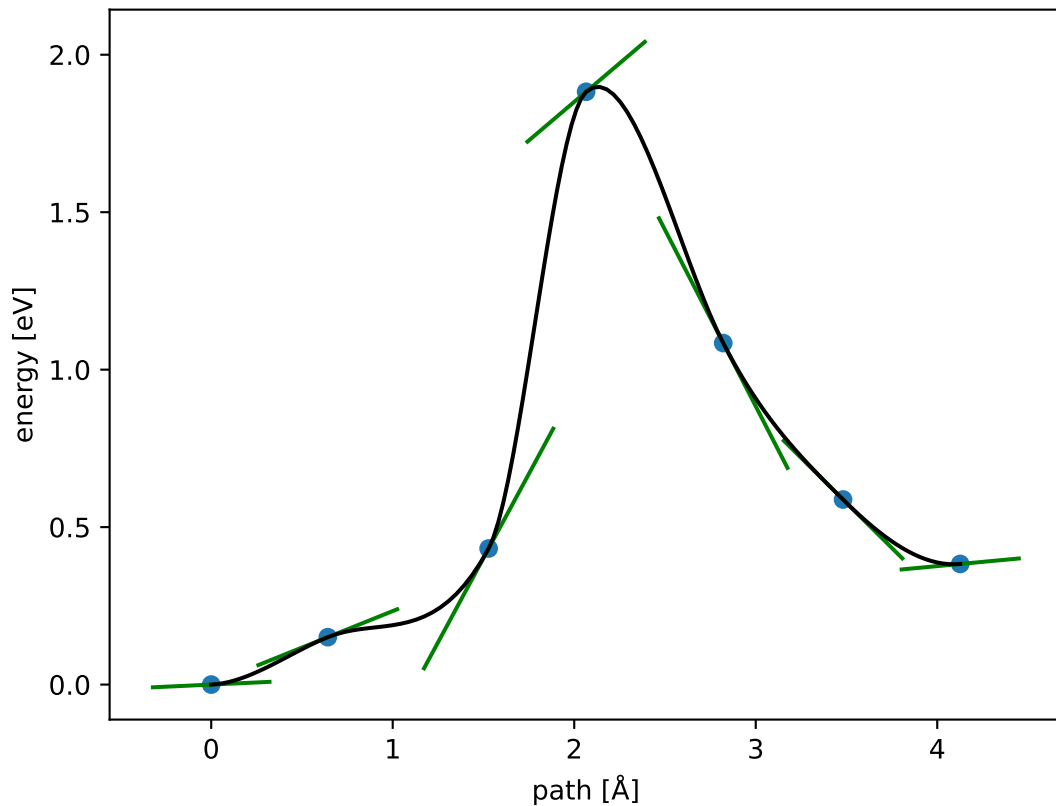
$$E_f \approx 2.085 \text{ eV}; E_r \approx 1.702 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



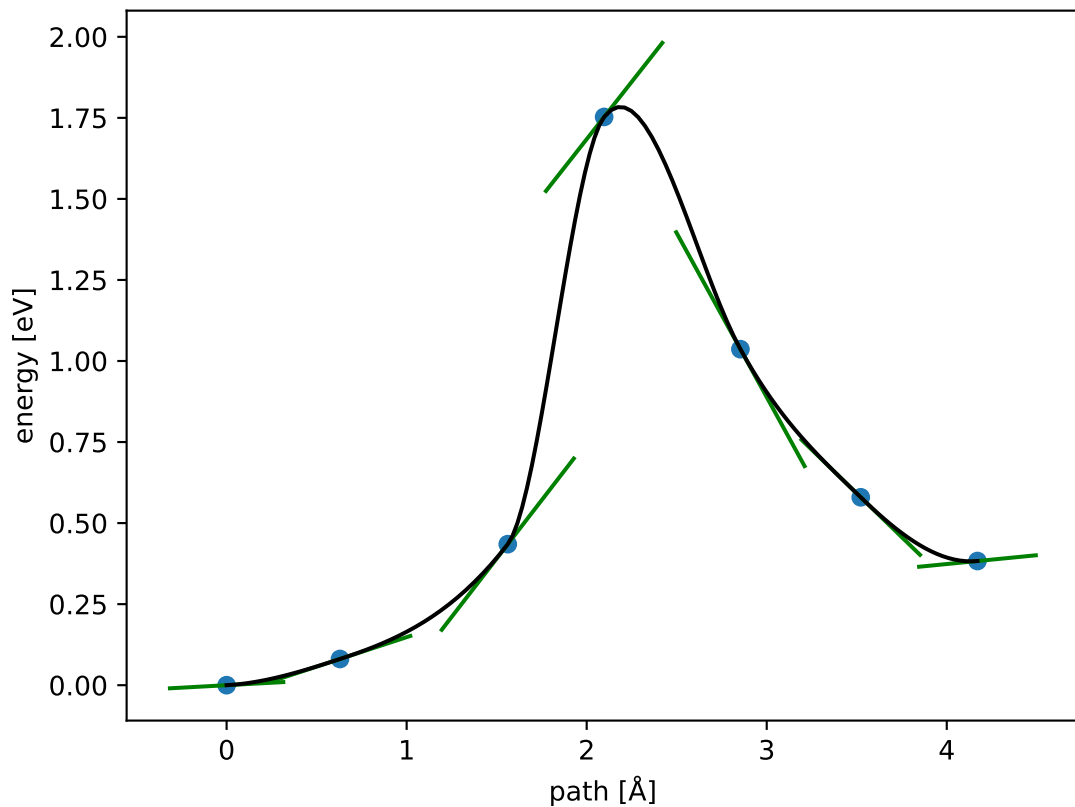
$$E_f \approx 1.993 \text{ eV}; E_r \approx 1.610 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



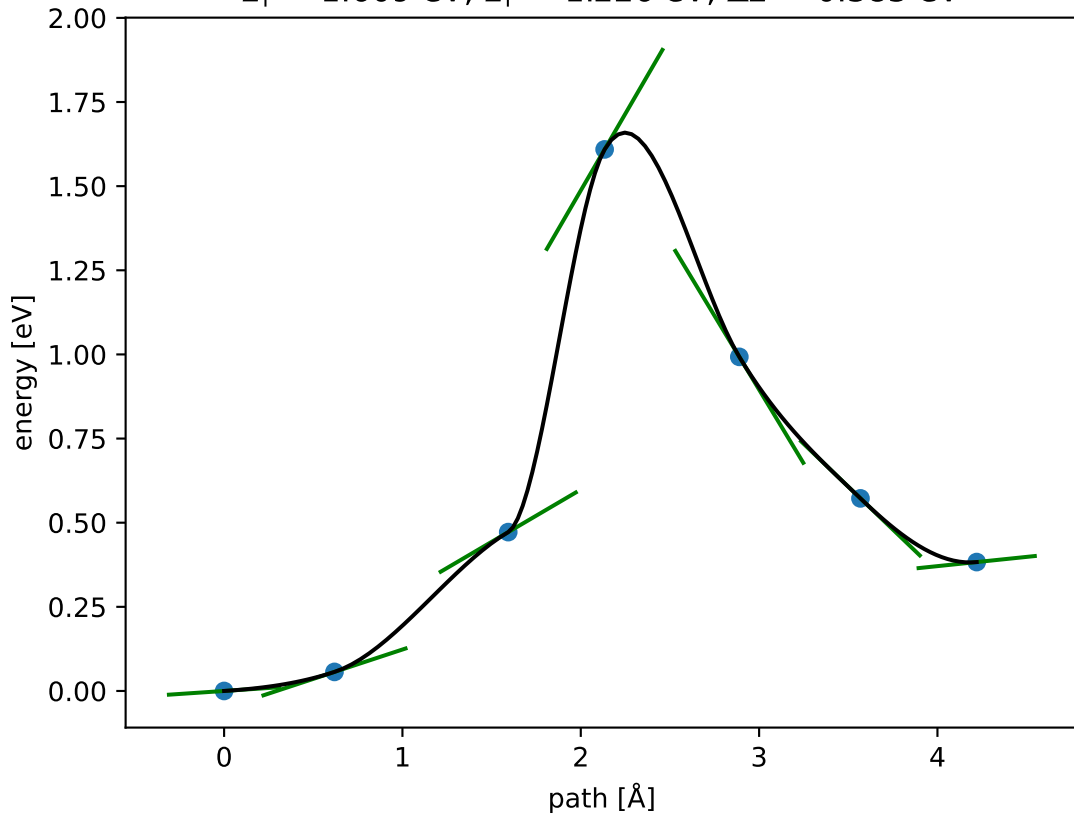
$$E_f \approx 1.882 \text{ eV}; E_r \approx 1.499 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



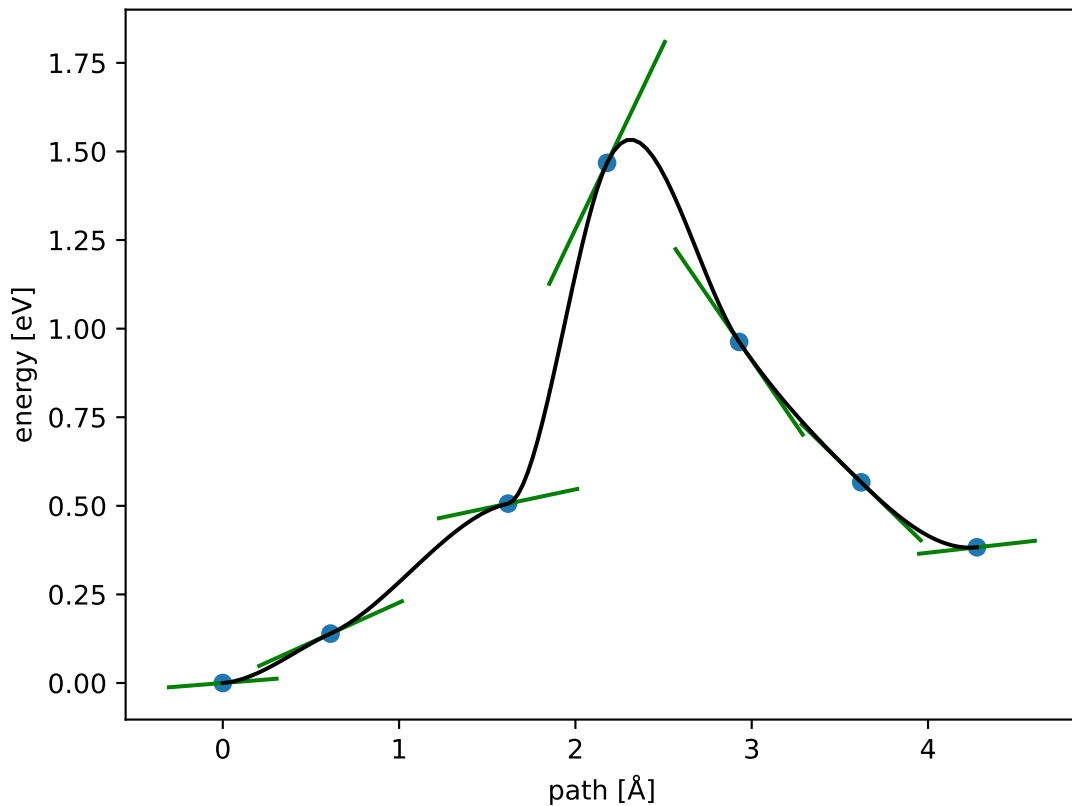
$$E_f \approx 1.753 \text{ eV}; E_r \approx 1.370 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



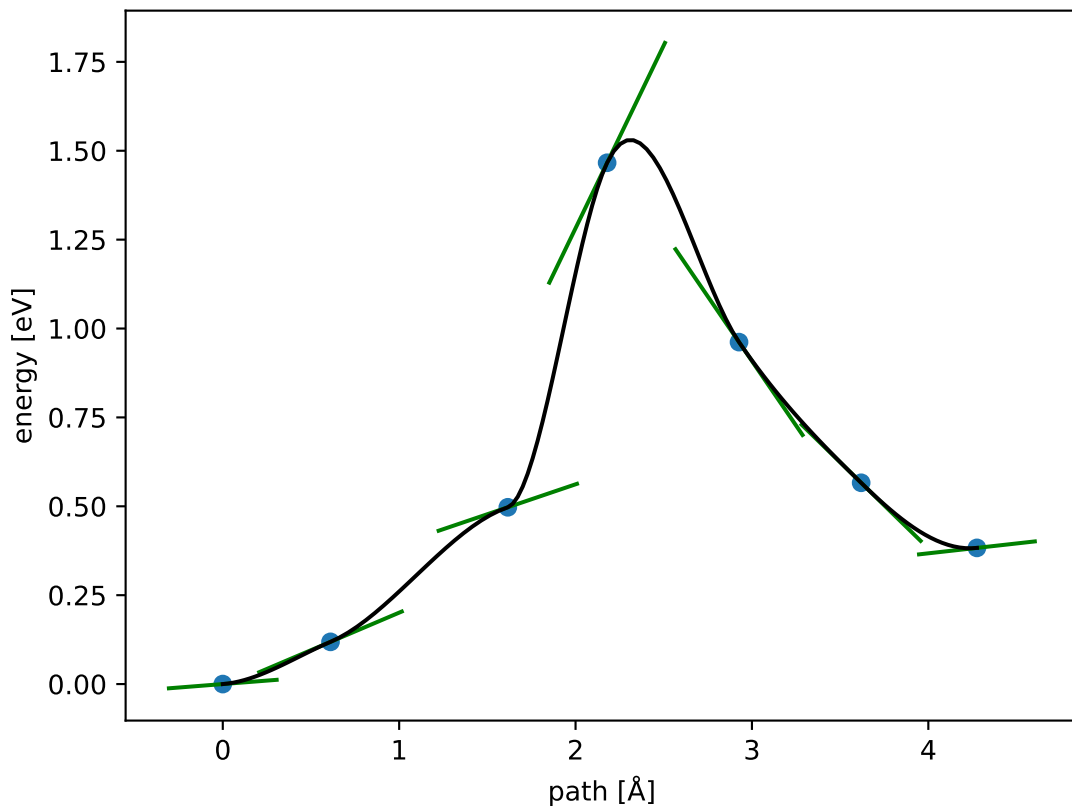
$$E_f \approx 1.609 \text{ eV}; E_r \approx 1.226 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



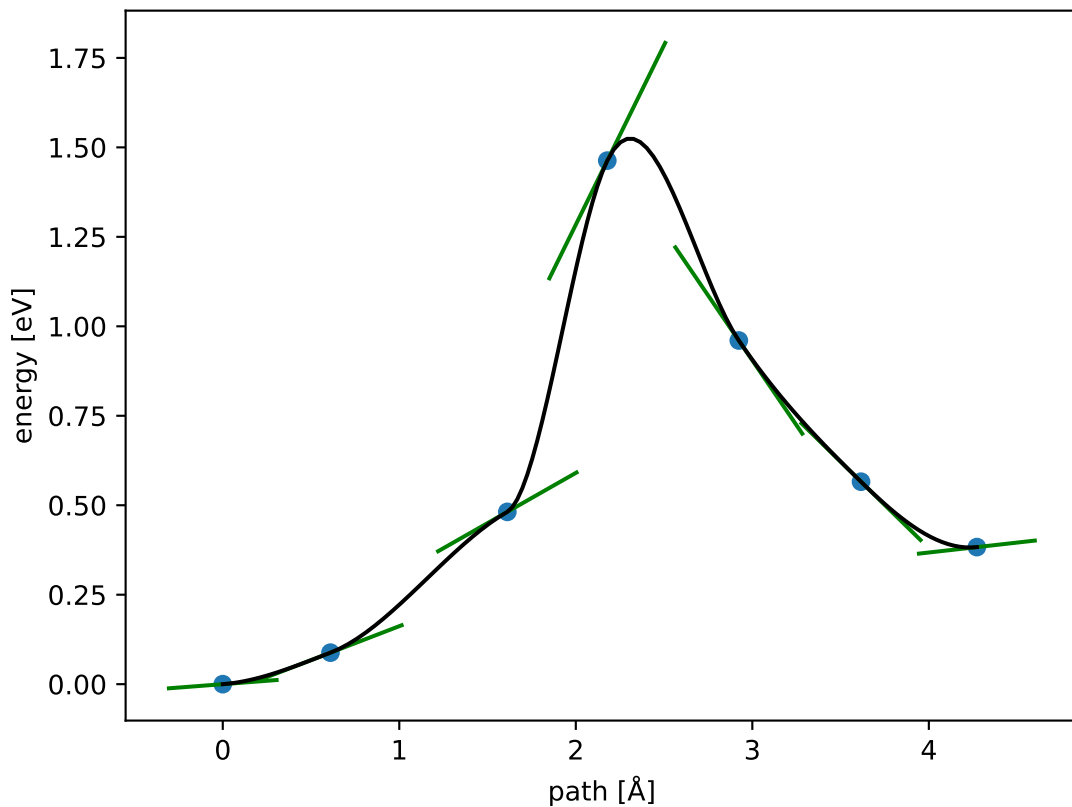
$$E_f \approx 1.468 \text{ eV}; E_r \approx 1.085 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



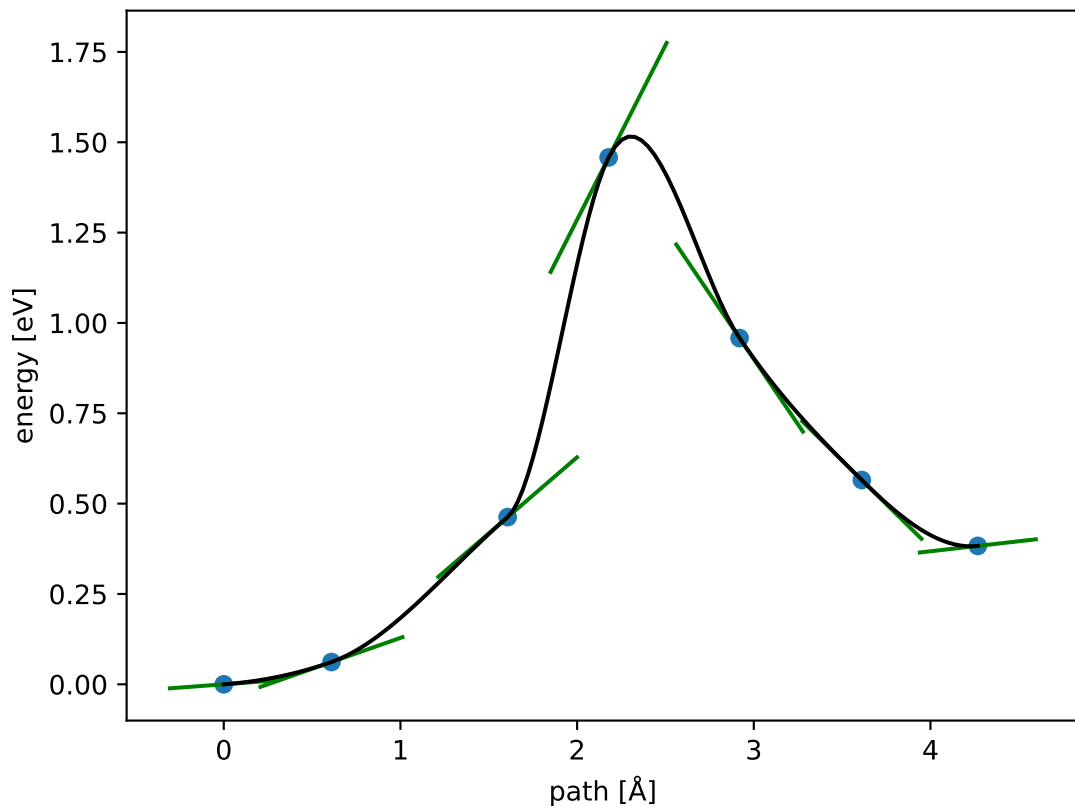
$$E_f \approx 1.466 \text{ eV}; E_r \approx 1.083 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



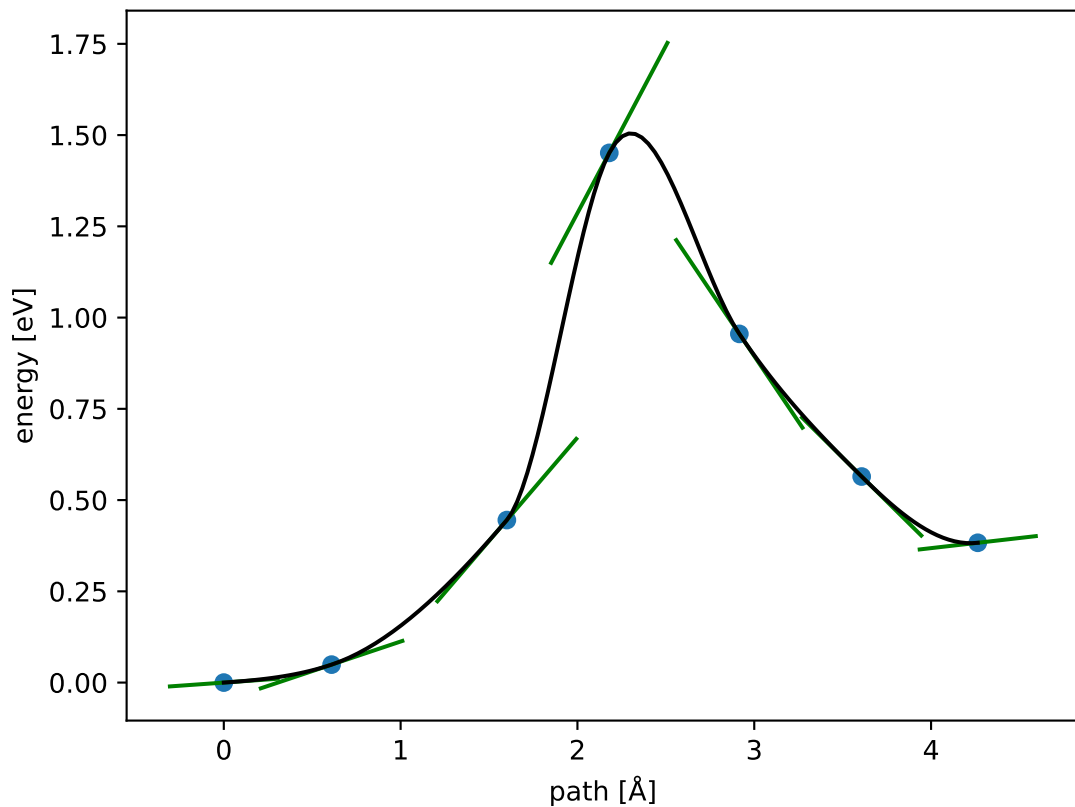
$$E_f \approx 1.463 \text{ eV}; E_r \approx 1.080 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



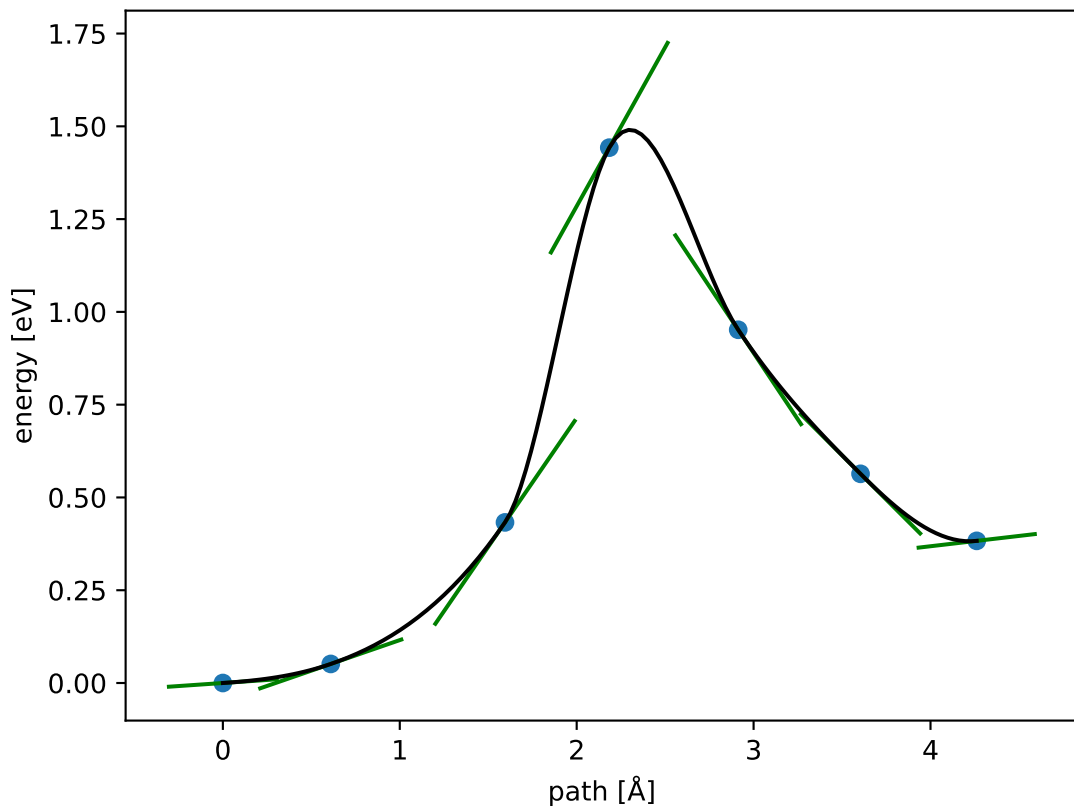
$$E_f \approx 1.458 \text{ eV}; E_r \approx 1.075 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



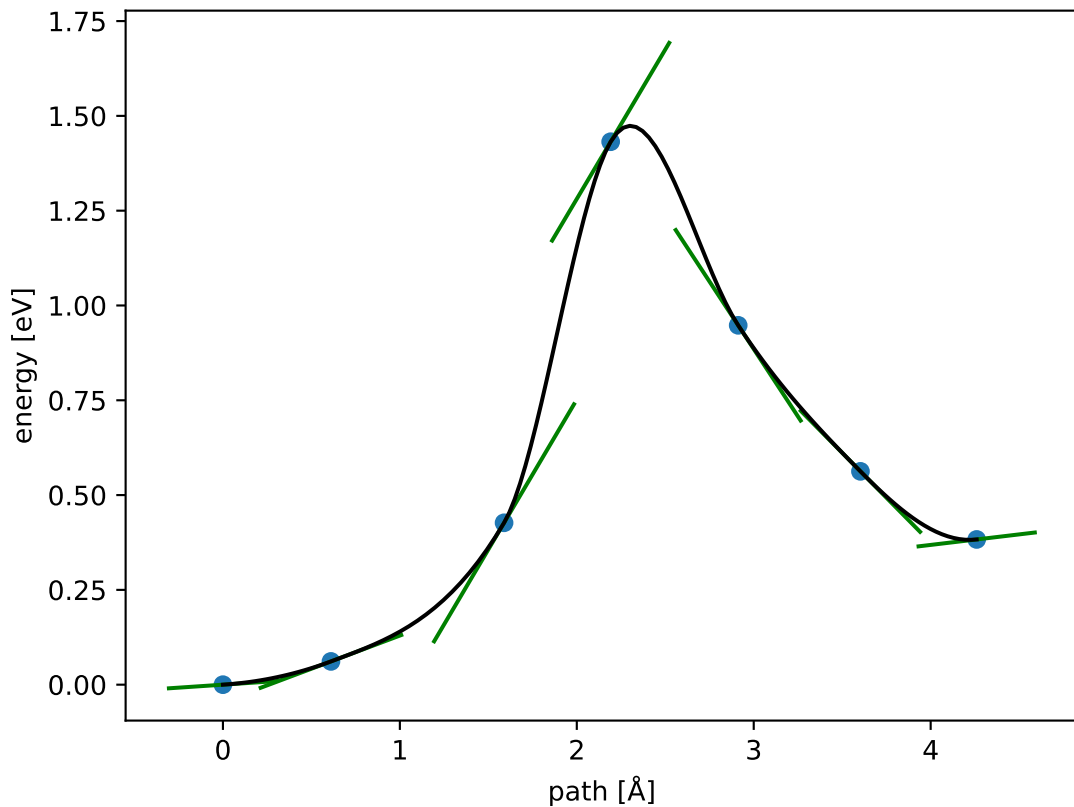
$$E_f \approx 1.451 \text{ eV}; E_r \approx 1.068 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



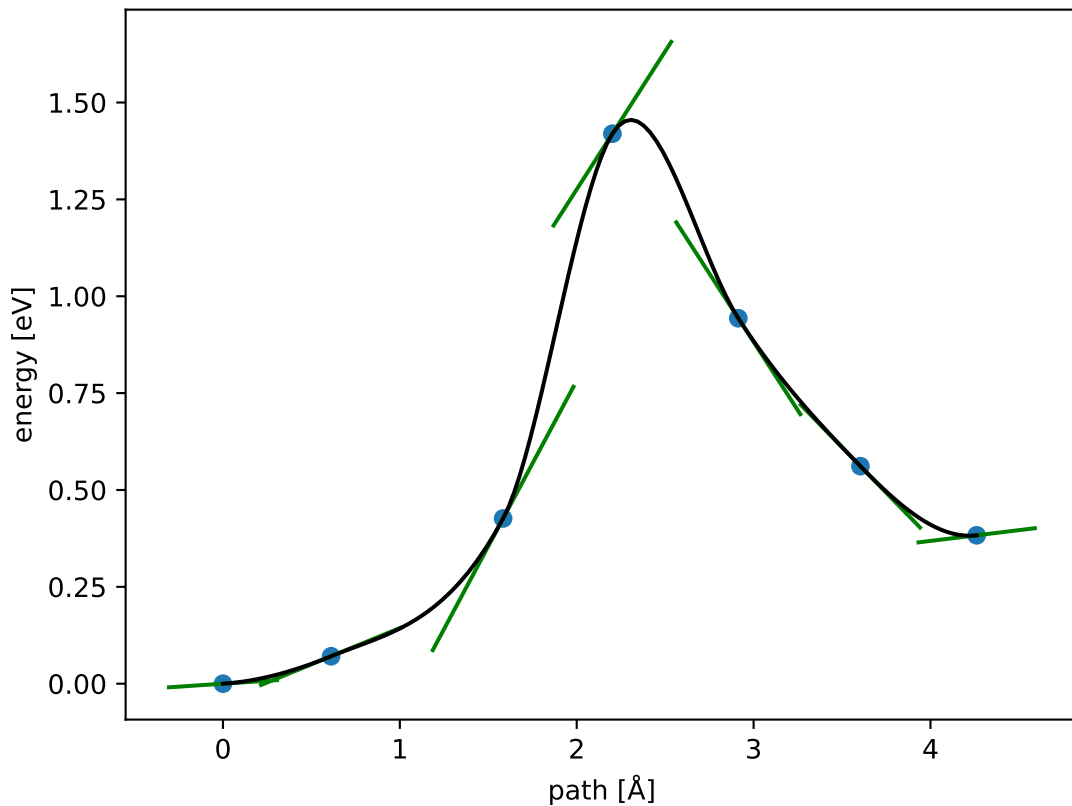
$$E_f \approx 1.443 \text{ eV}; E_r \approx 1.060 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



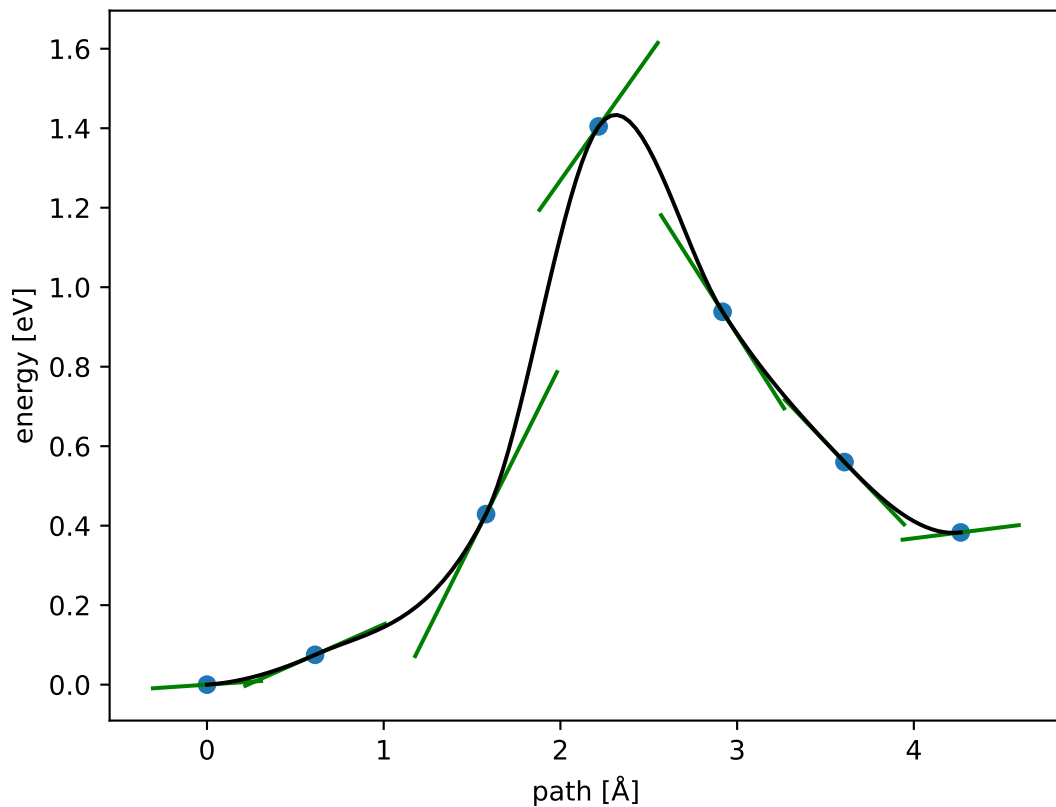
$$E_f \approx 1.432 \text{ eV}; E_r \approx 1.049 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



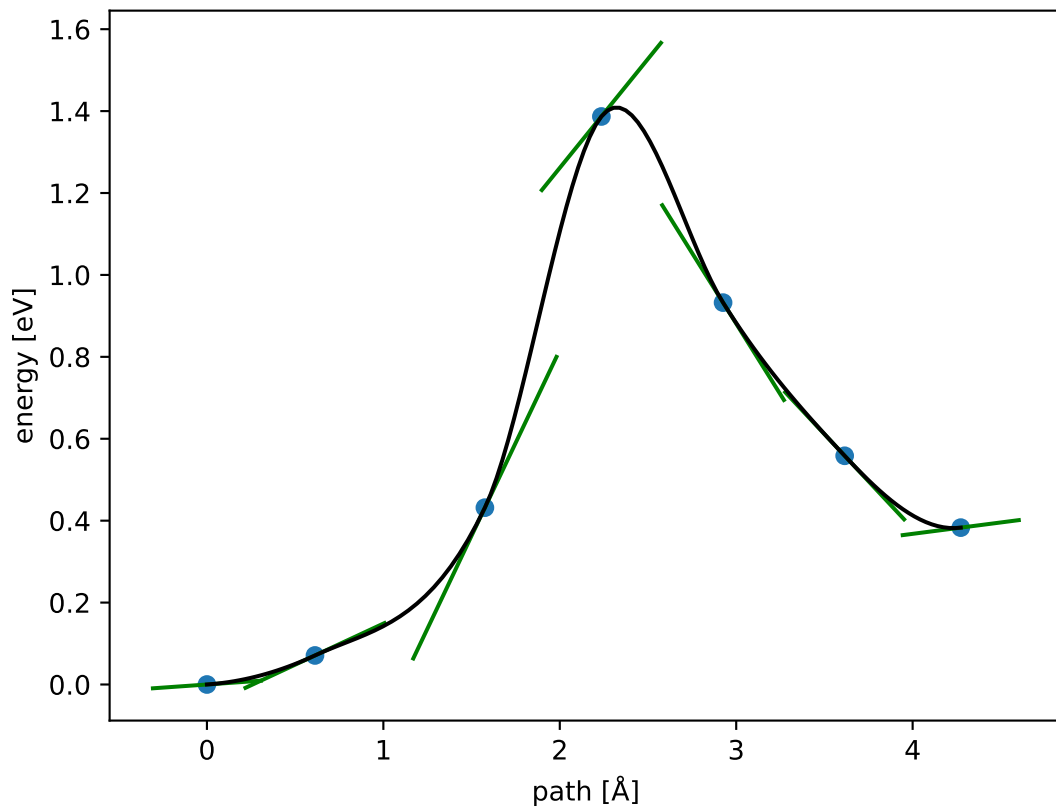
$$E_f \approx 1.420 \text{ eV}; E_r \approx 1.037 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



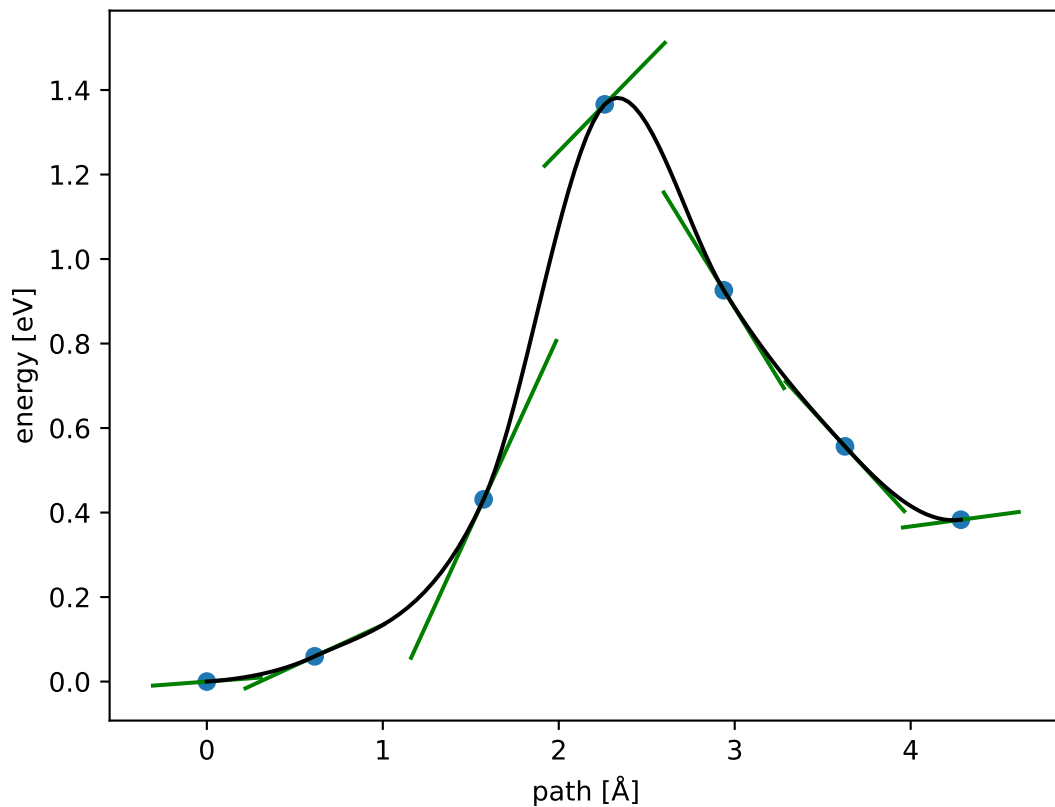
$$E_f \approx 1.405 \text{ eV}; E_r \approx 1.022 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



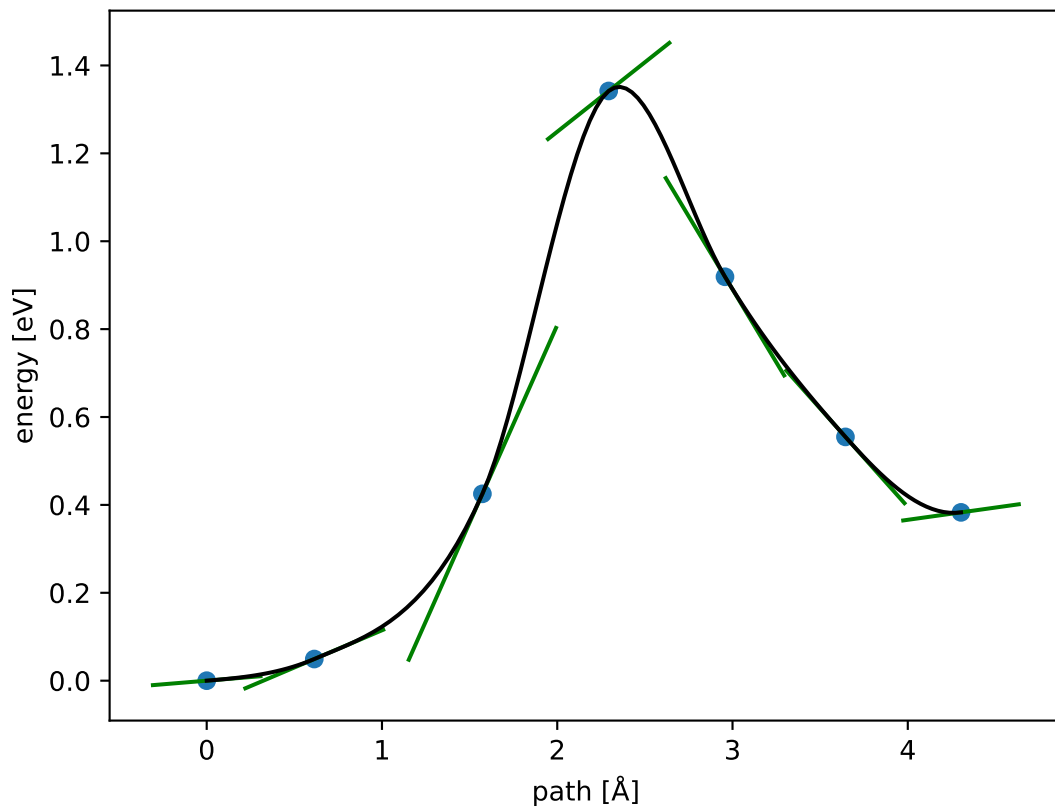
$$E_f \approx 1.387 \text{ eV}; E_r \approx 1.004 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



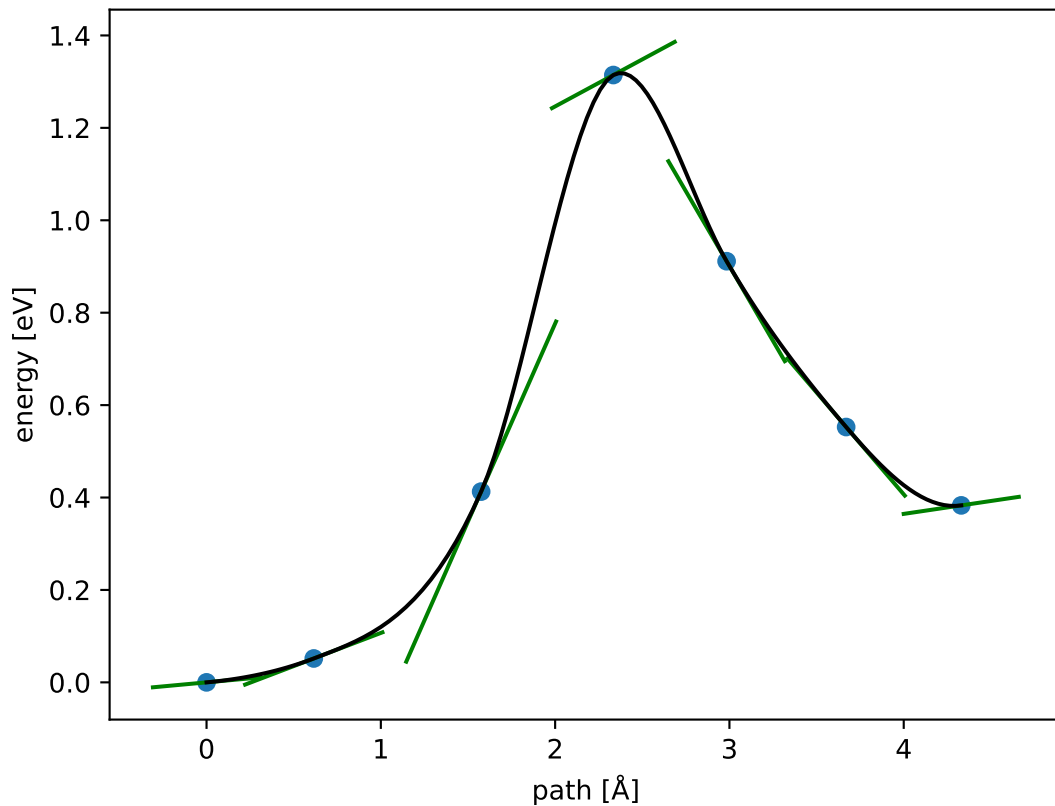
$$E_f \approx 1.366 \text{ eV}; E_r \approx 0.983 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



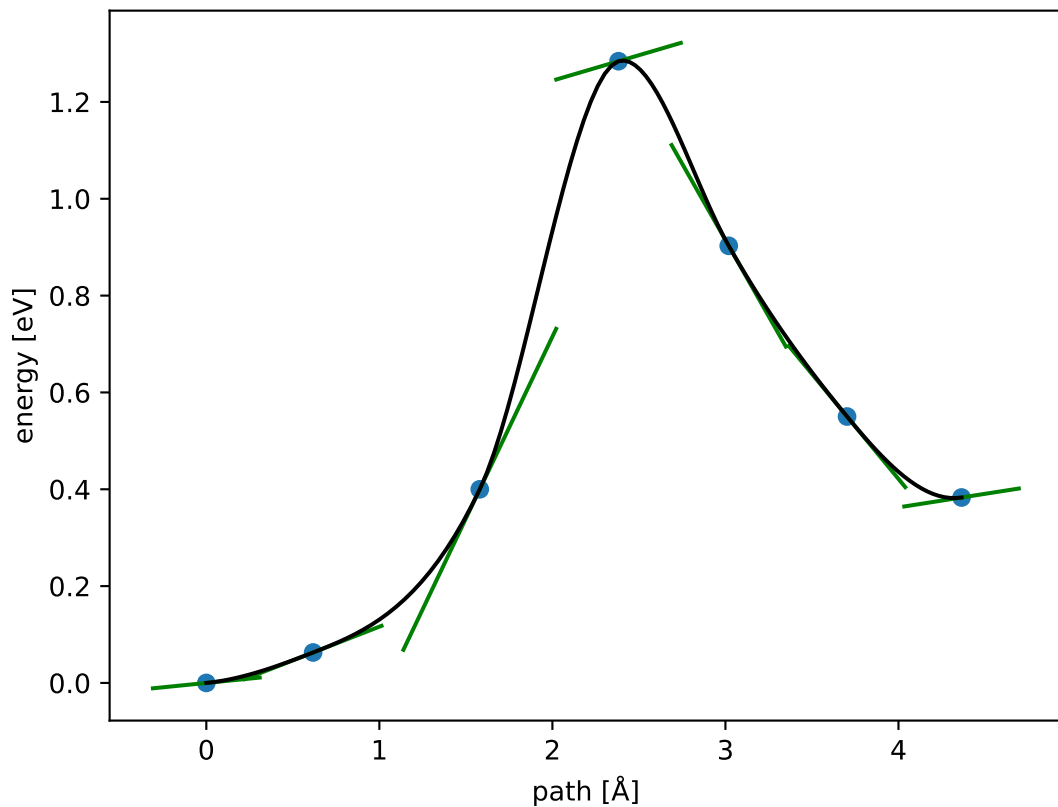
$$E_f \approx 1.342 \text{ eV}; E_r \approx 0.959 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



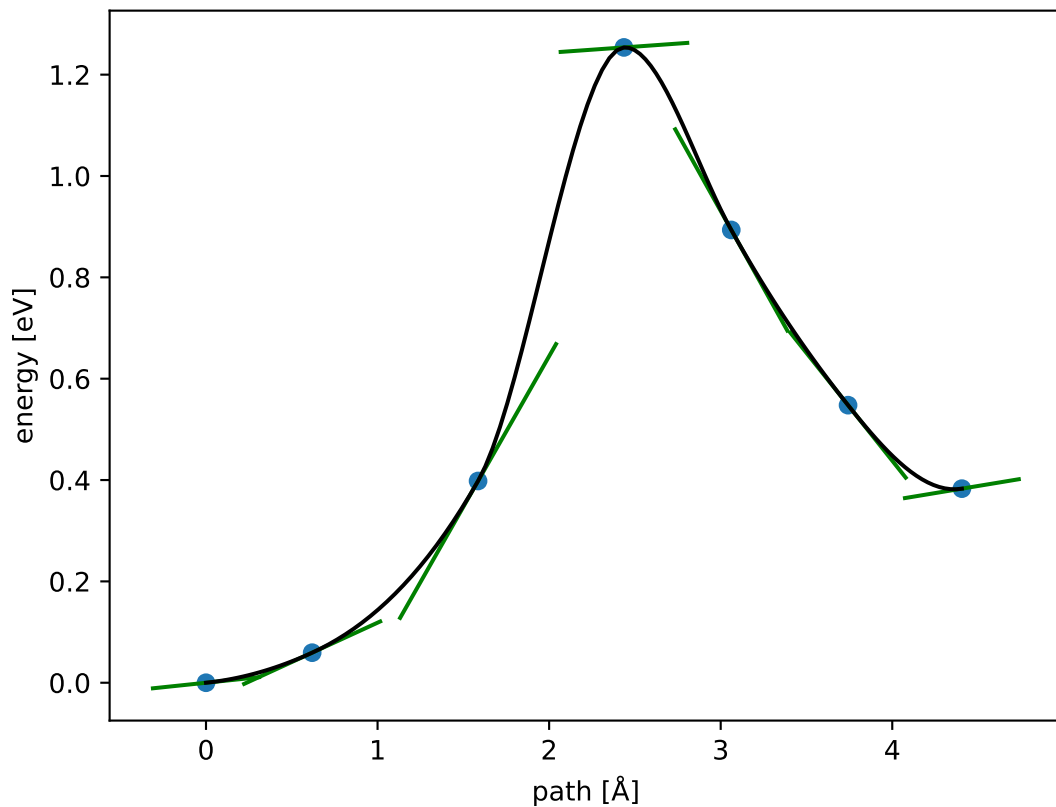
$$E_f \approx 1.314 \text{ eV}; E_r \approx 0.931 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



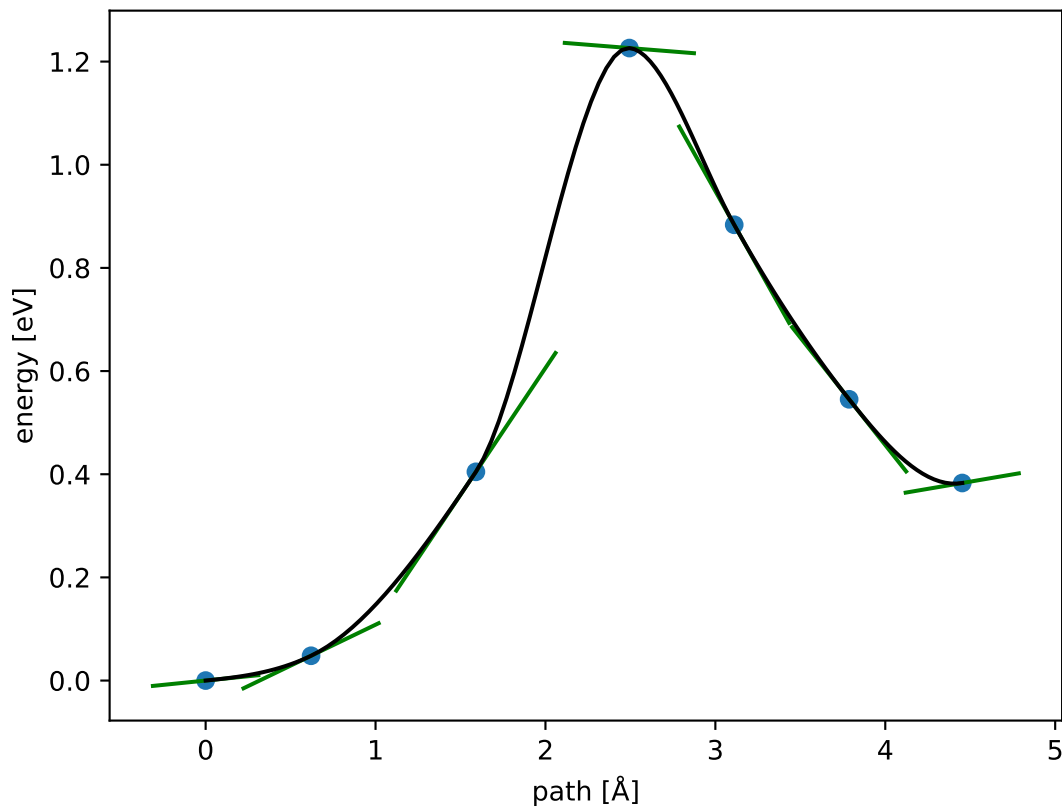
$$E_f \approx 1.284 \text{ eV}; E_r \approx 0.901 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



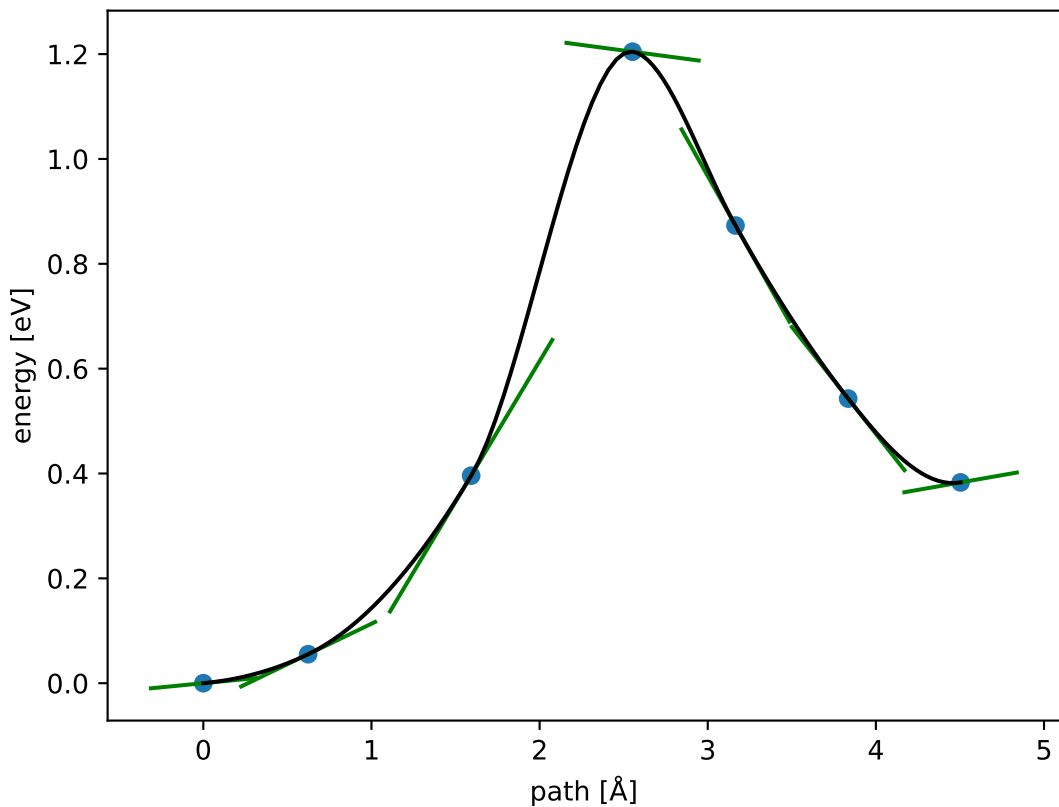
$$E_f \approx 1.254 \text{ eV}; E_r \approx 0.871 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



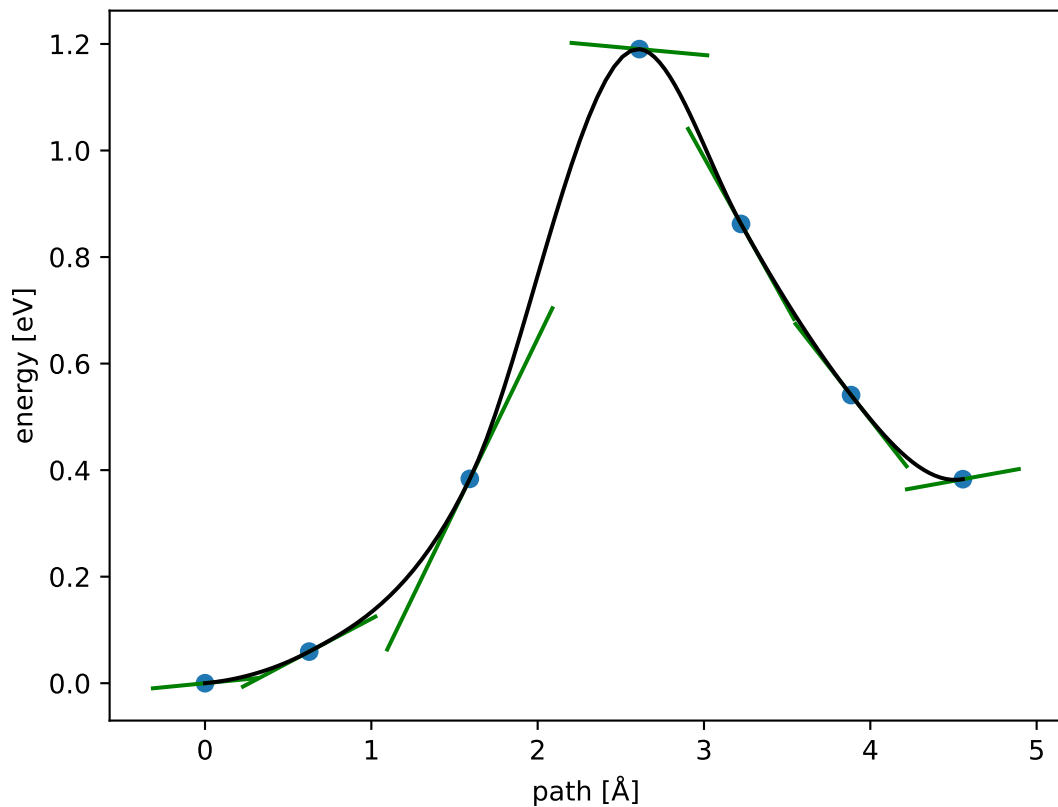
$$E_f \approx 1.226 \text{ eV}; E_r \approx 0.843 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



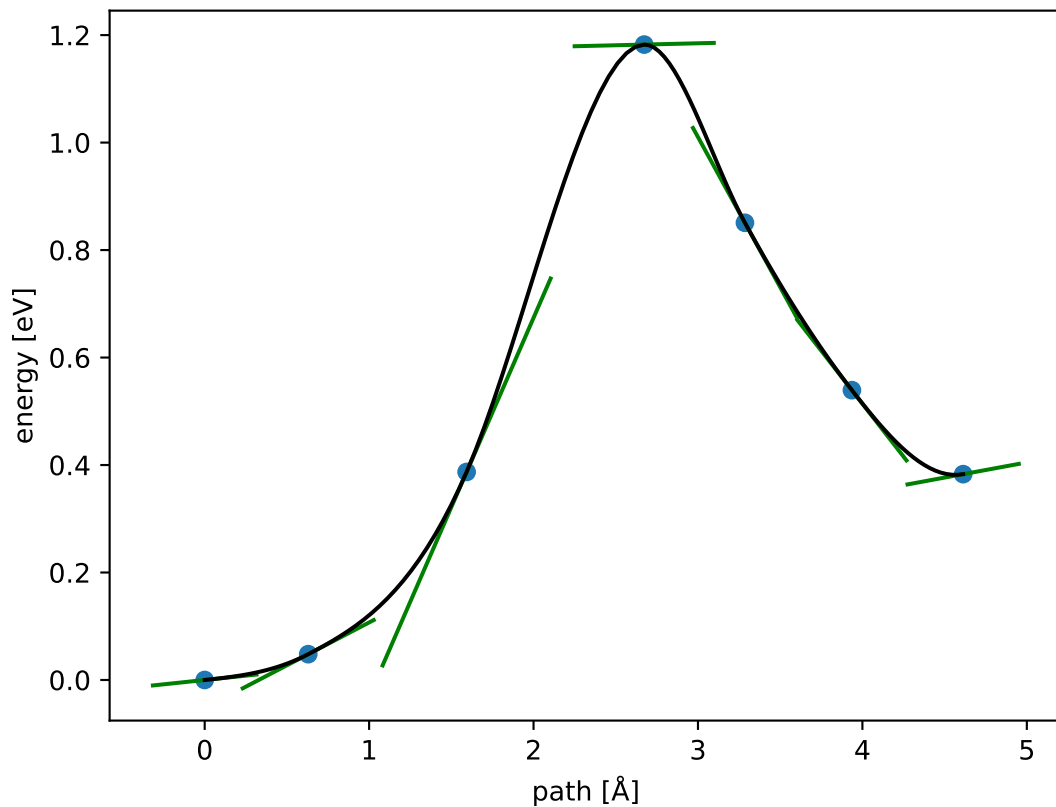
$$E_f \approx 1.205 \text{ eV}; E_r \approx 0.822 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



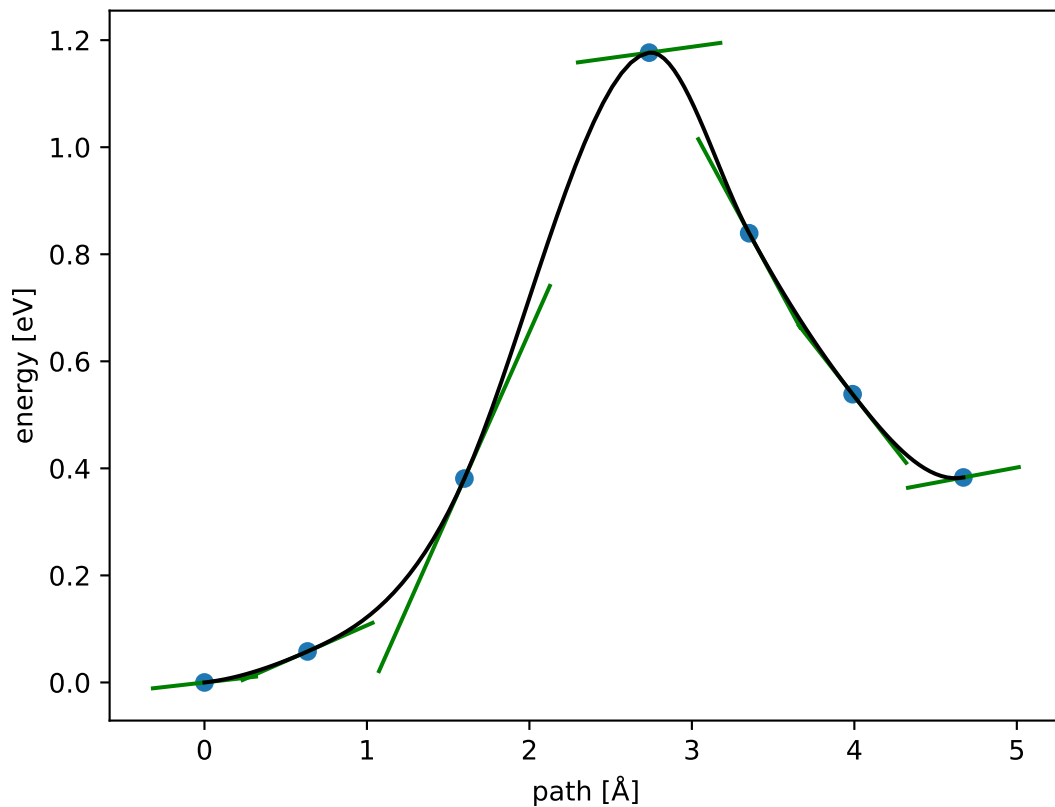
$$E_f \approx 1.190 \text{ eV}; E_r \approx 0.807 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



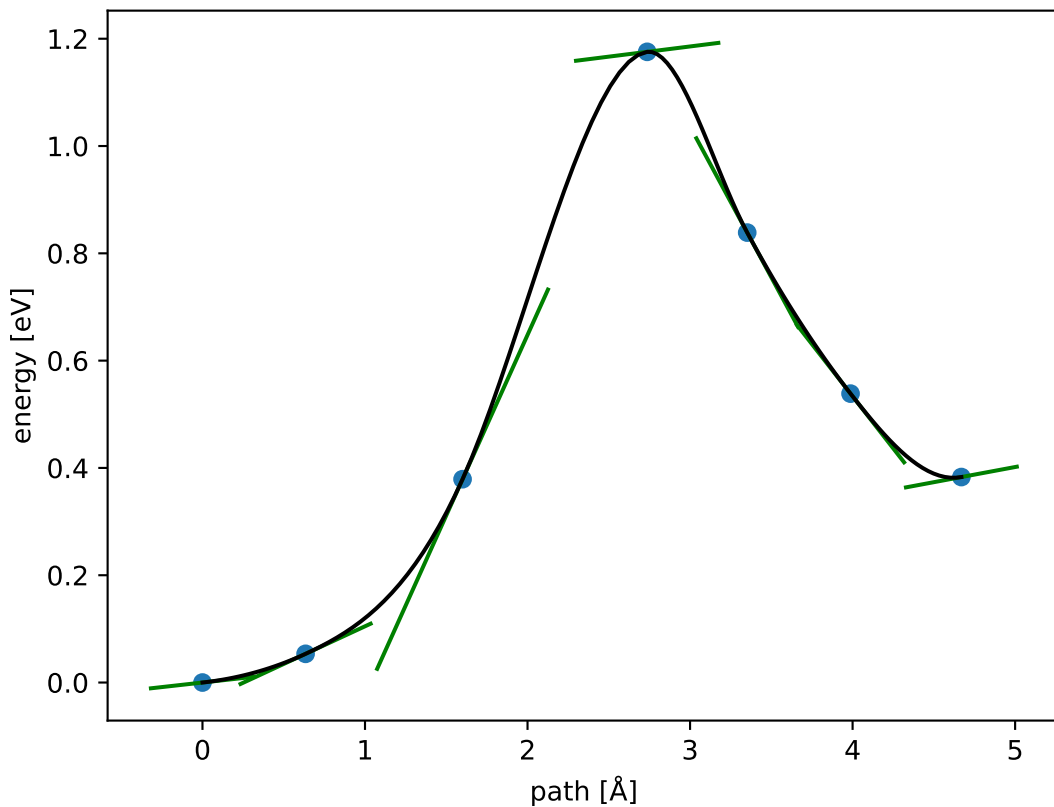
$$E_f \approx 1.182 \text{ eV}; E_r \approx 0.799 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



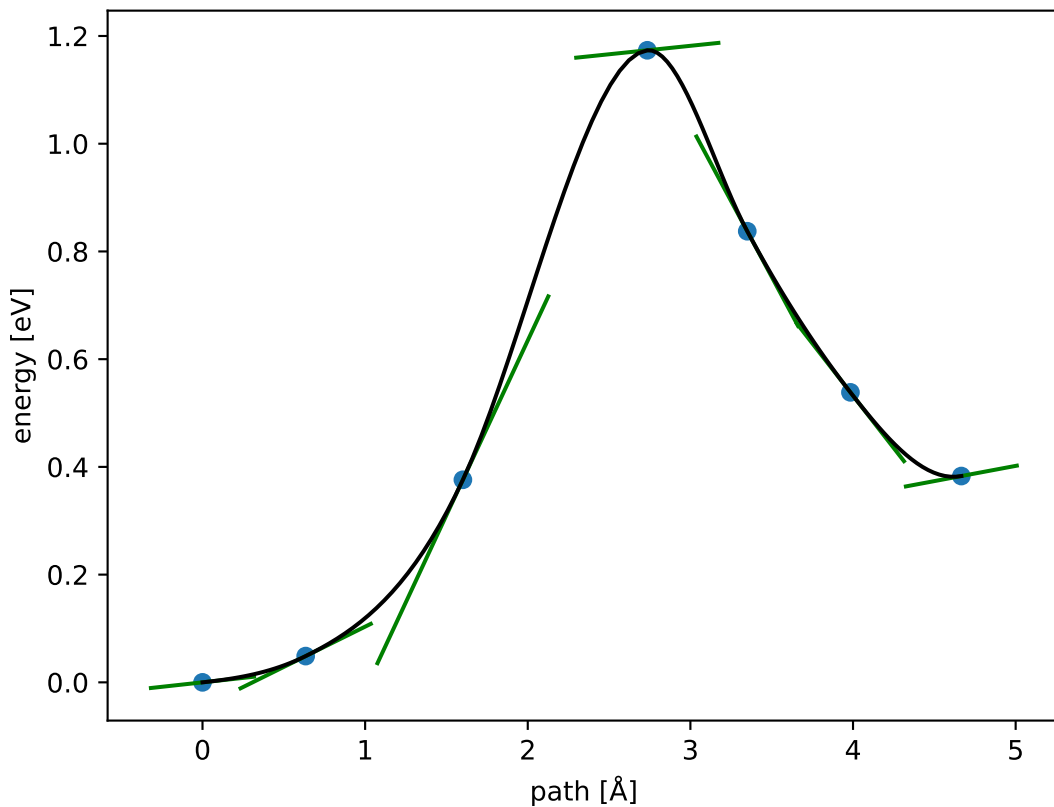
$$E_f \approx 1.177 \text{ eV}; E_r \approx 0.794 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



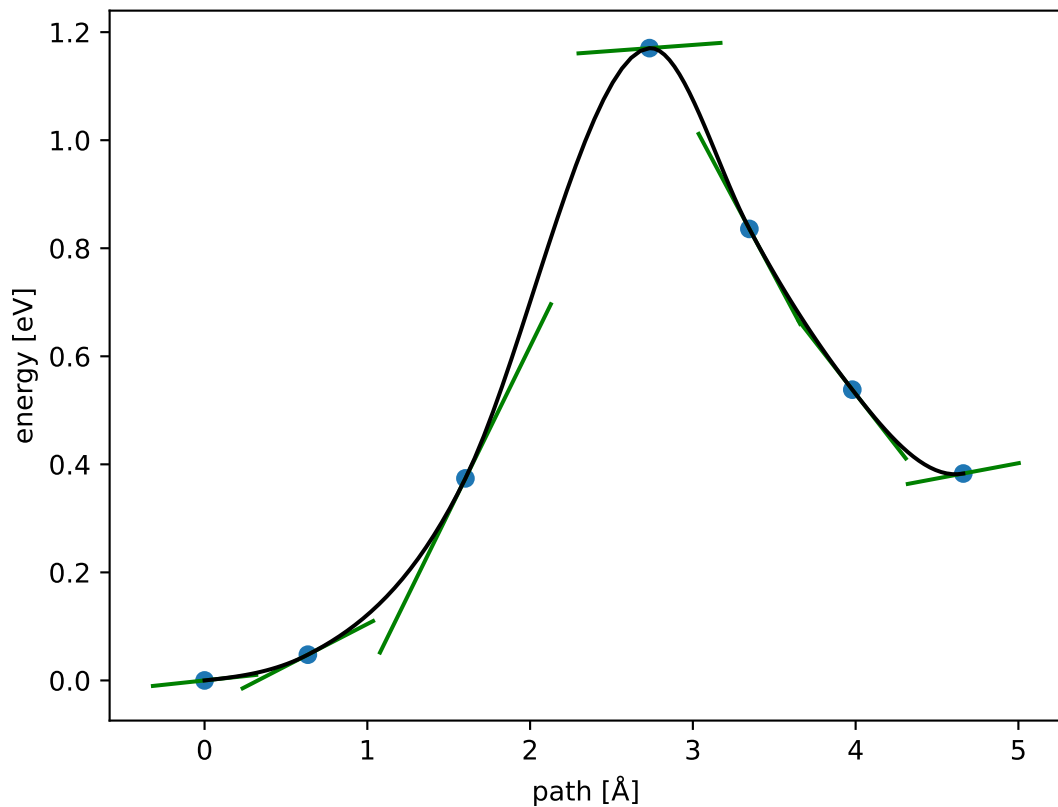
$$E_f \approx 1.176 \text{ eV}; E_r \approx 0.793 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



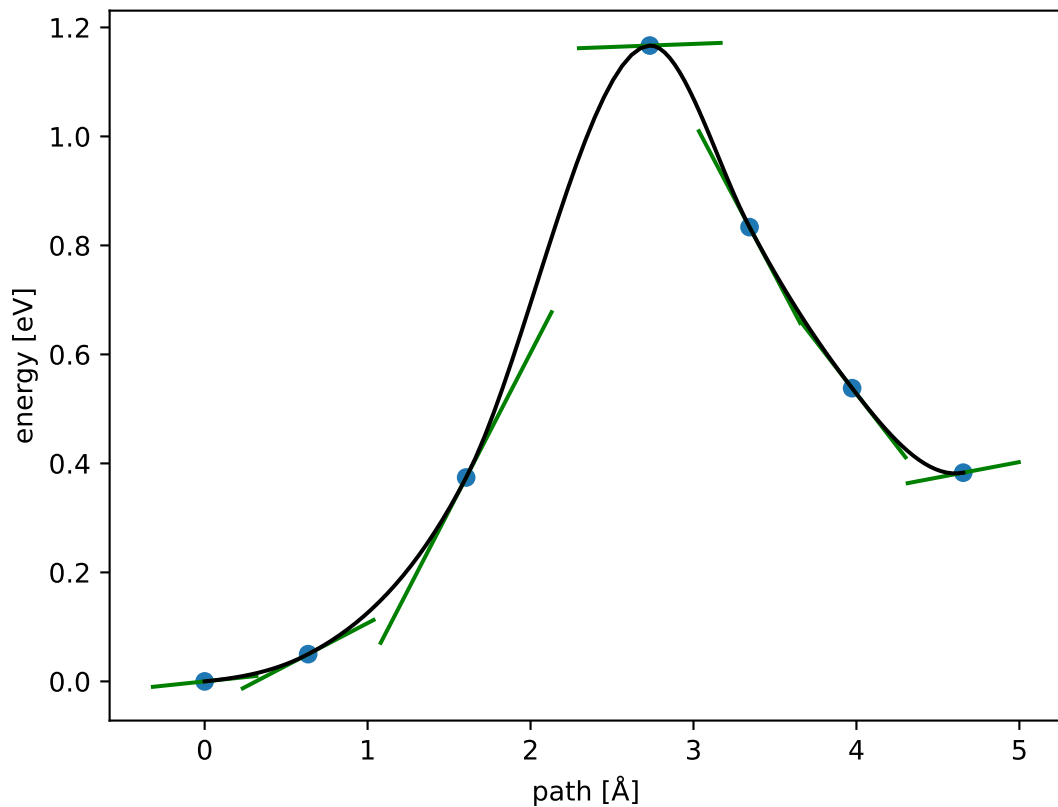
$$E_f \approx 1.173 \text{ eV}; E_r \approx 0.790 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



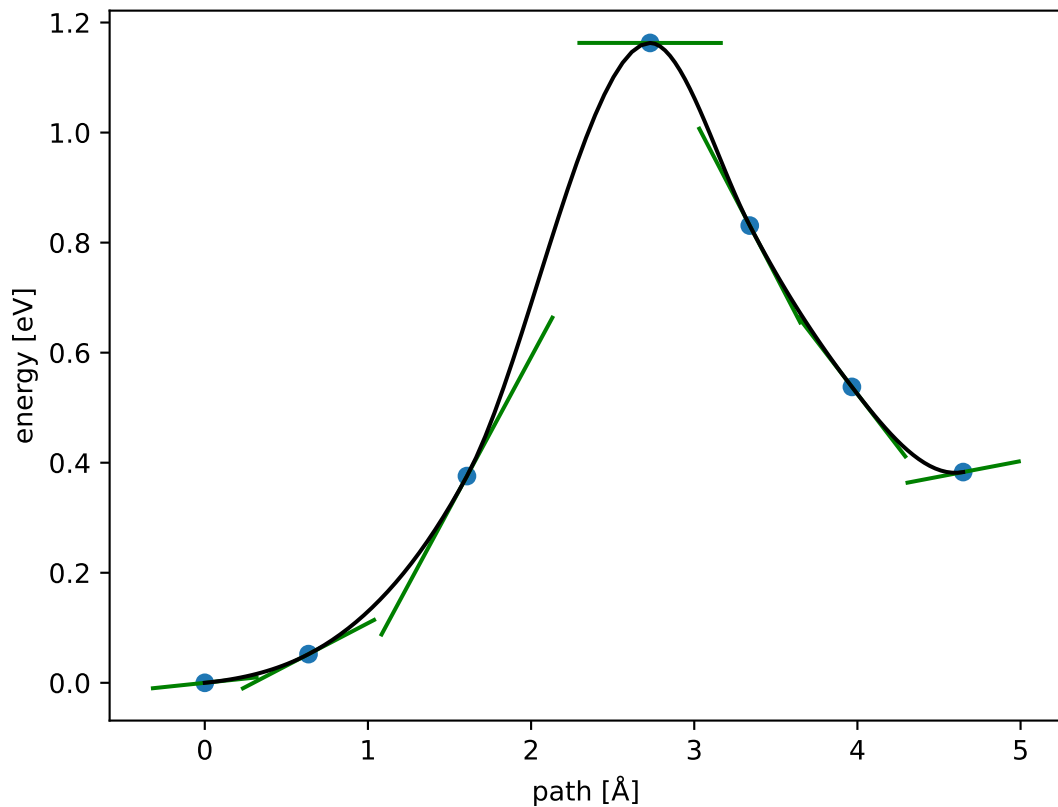
$$E_f \approx 1.170 \text{ eV}; E_r \approx 0.787 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



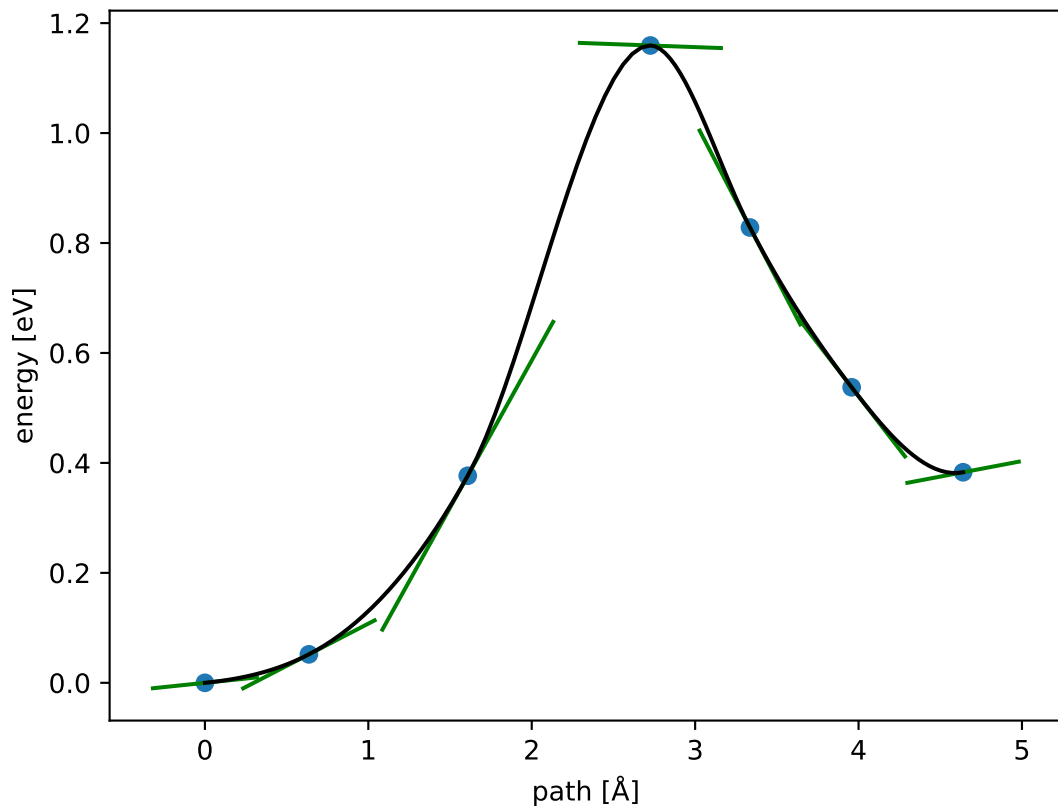
$$E_f \approx 1.167 \text{ eV}; E_r \approx 0.784 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



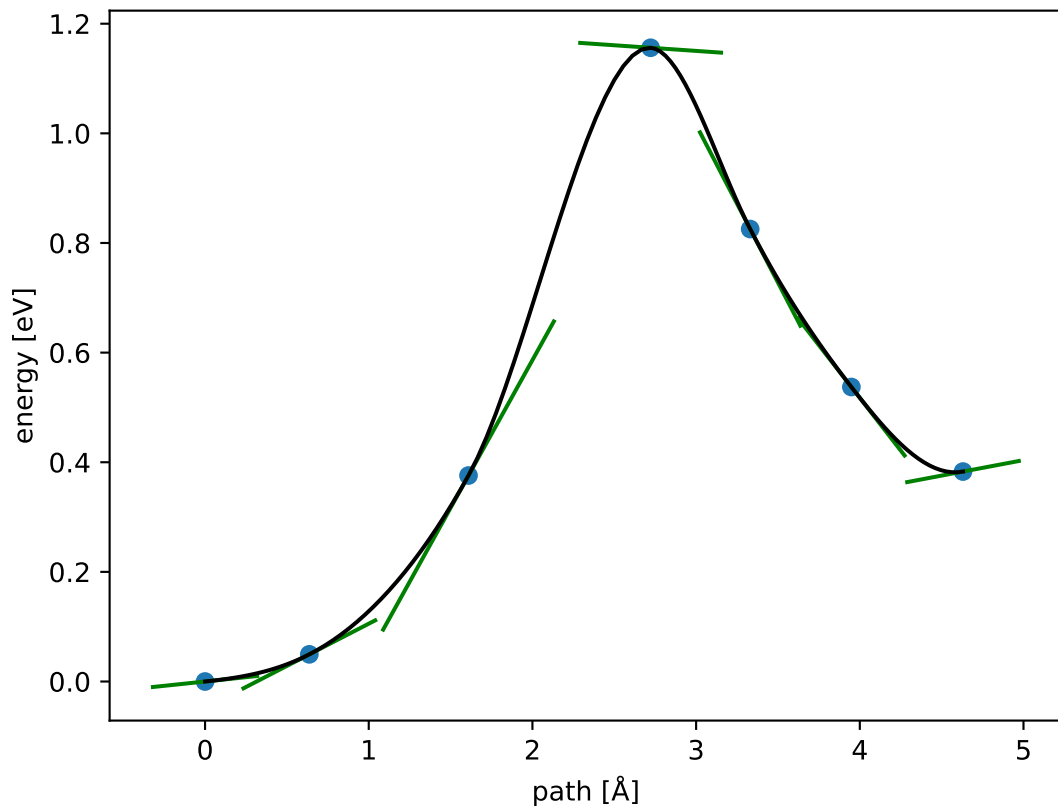
$$E_f \approx 1.163 \text{ eV}; E_r \approx 0.780 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



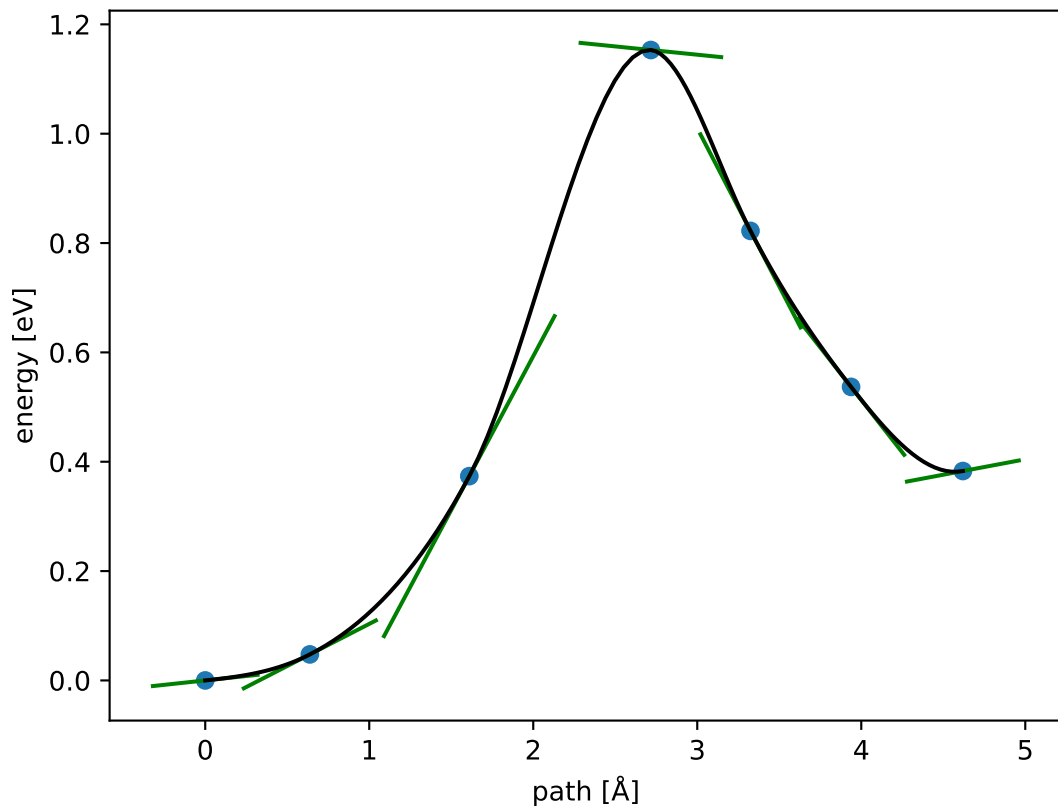
$$E_f \approx 1.159 \text{ eV}; E_r \approx 0.776 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



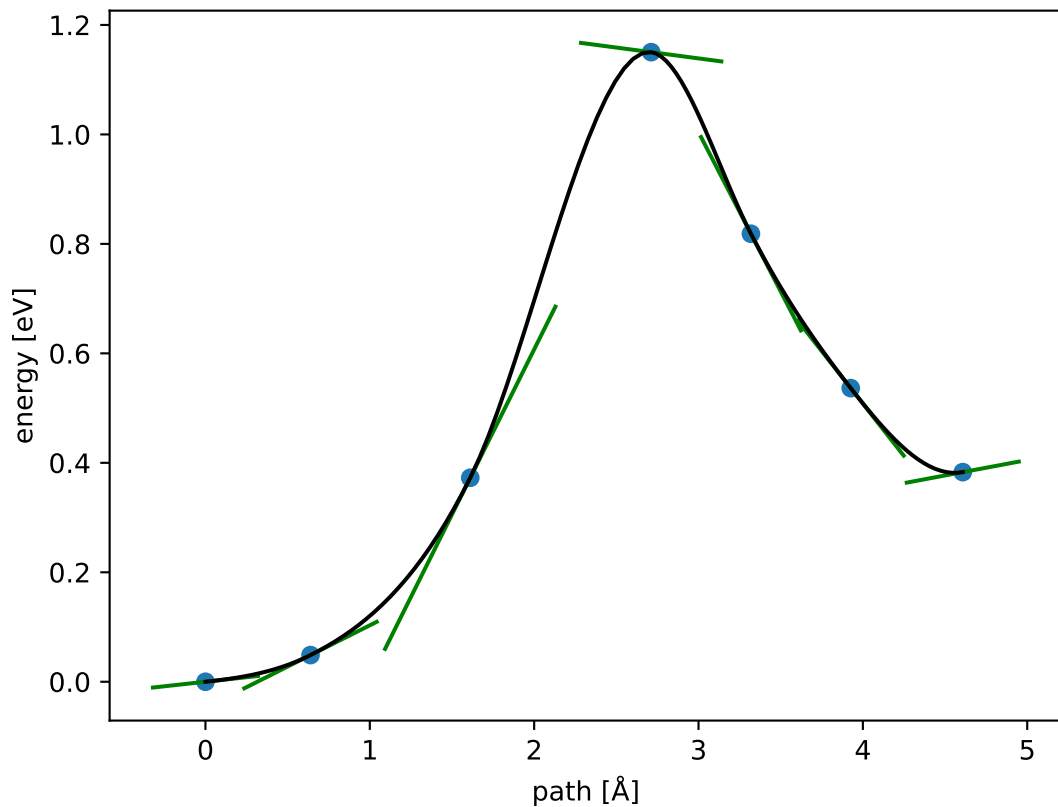
$$E_f \approx 1.156 \text{ eV}; E_r \approx 0.773 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



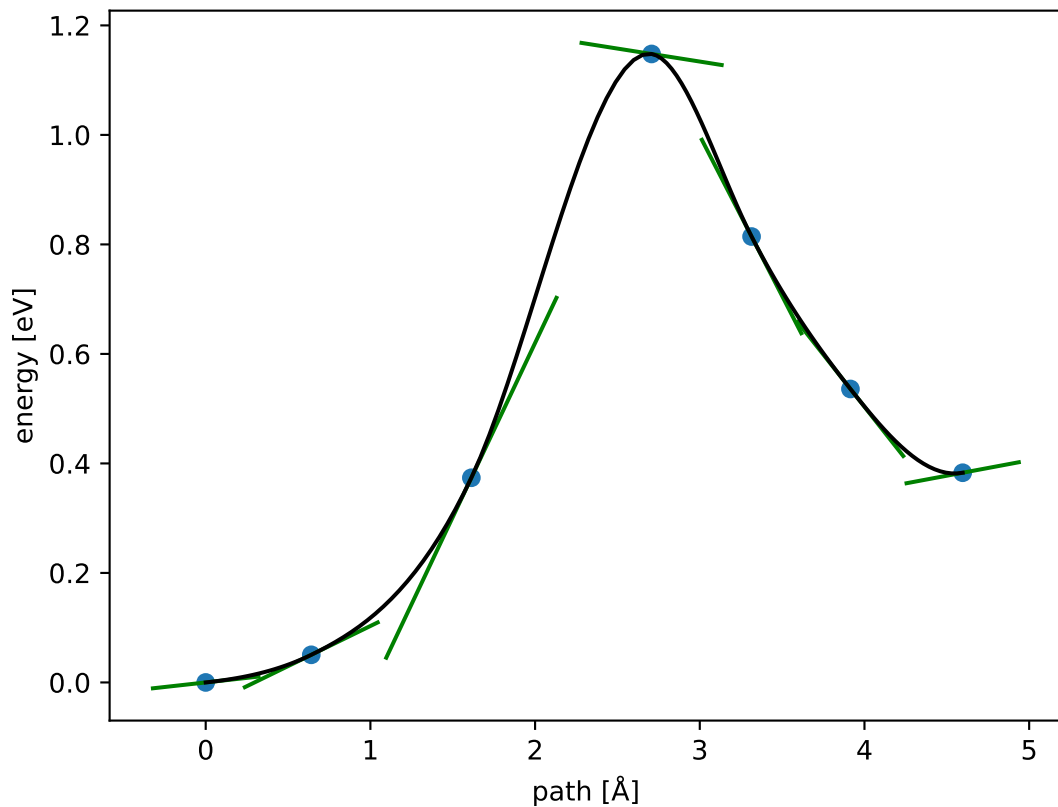
$$E_f \approx 1.153 \text{ eV}; E_r \approx 0.770 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



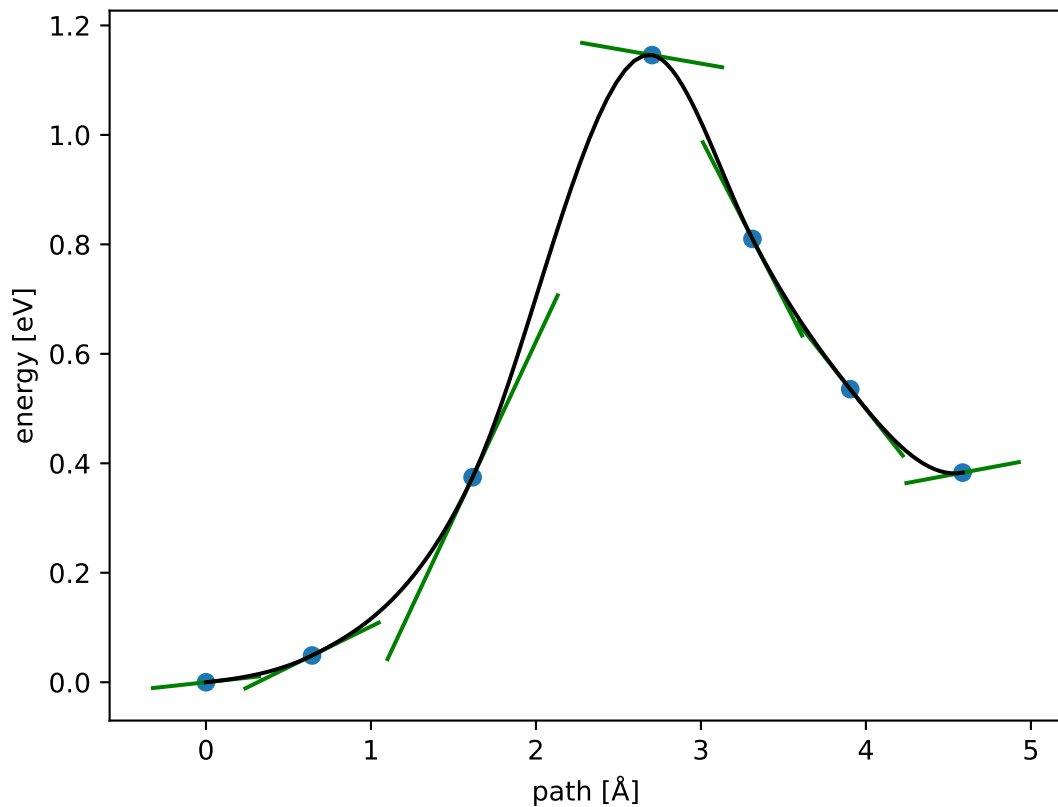
$$E_f \approx 1.150 \text{ eV}; E_r \approx 0.767 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



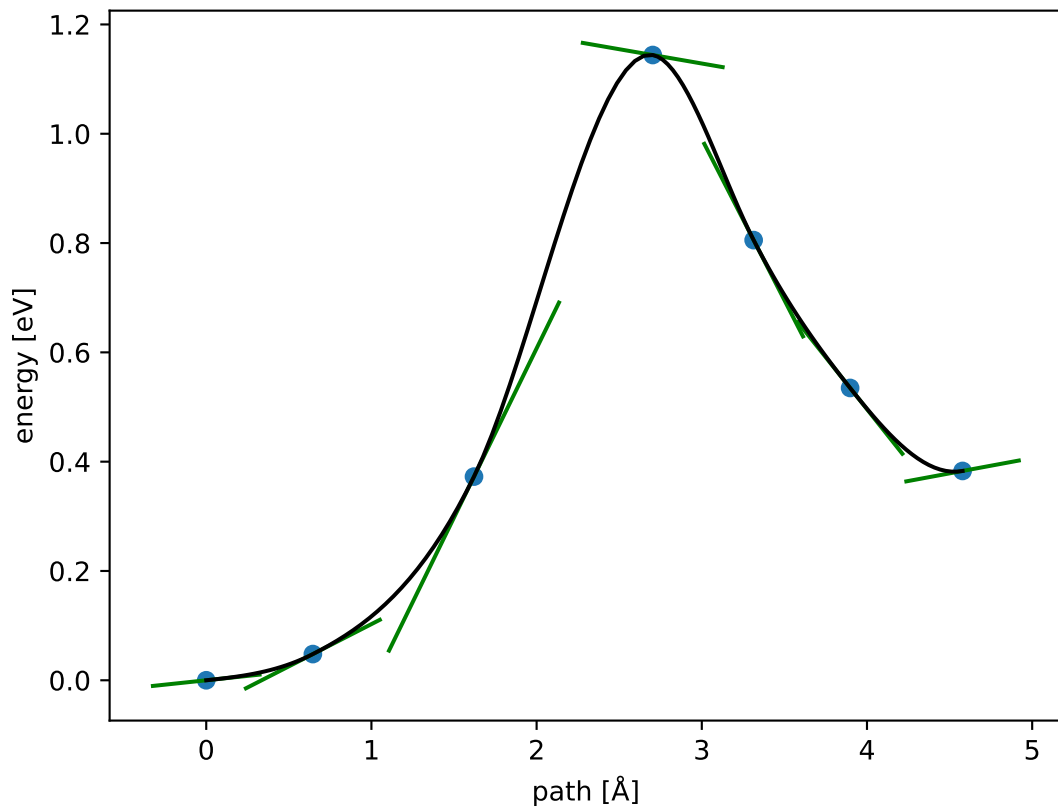
$$E_f \approx 1.148 \text{ eV}; E_r \approx 0.765 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



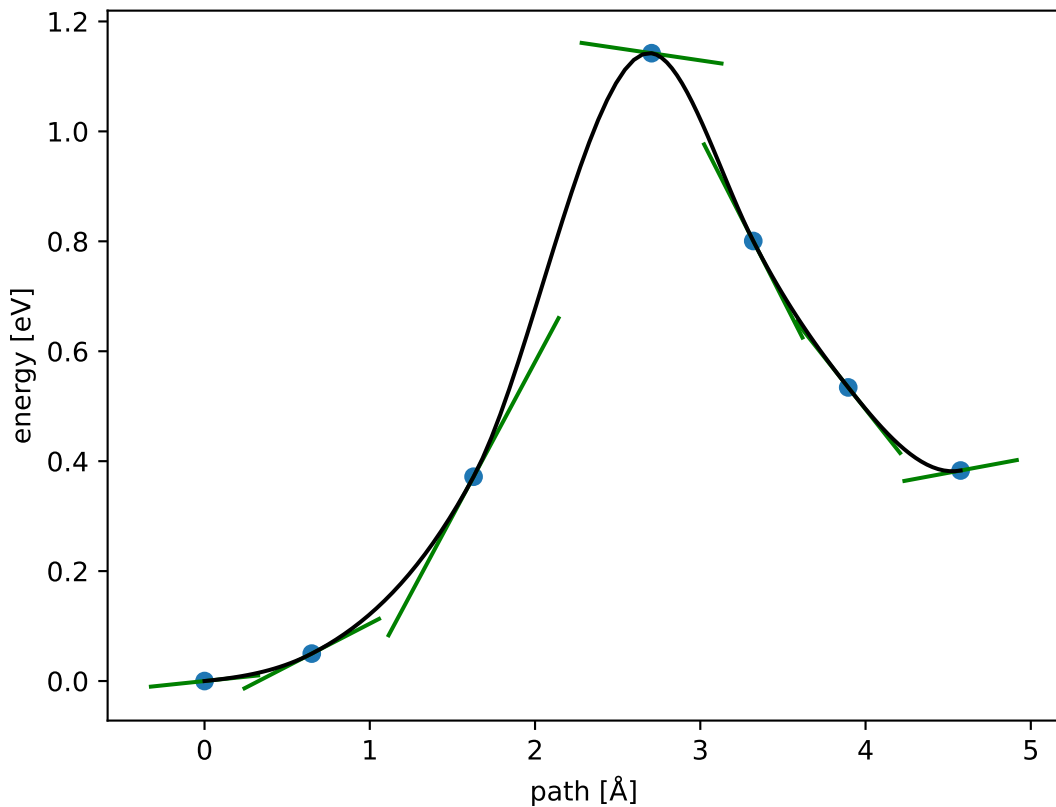
$$E_f \approx 1.146 \text{ eV}; E_r \approx 0.763 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



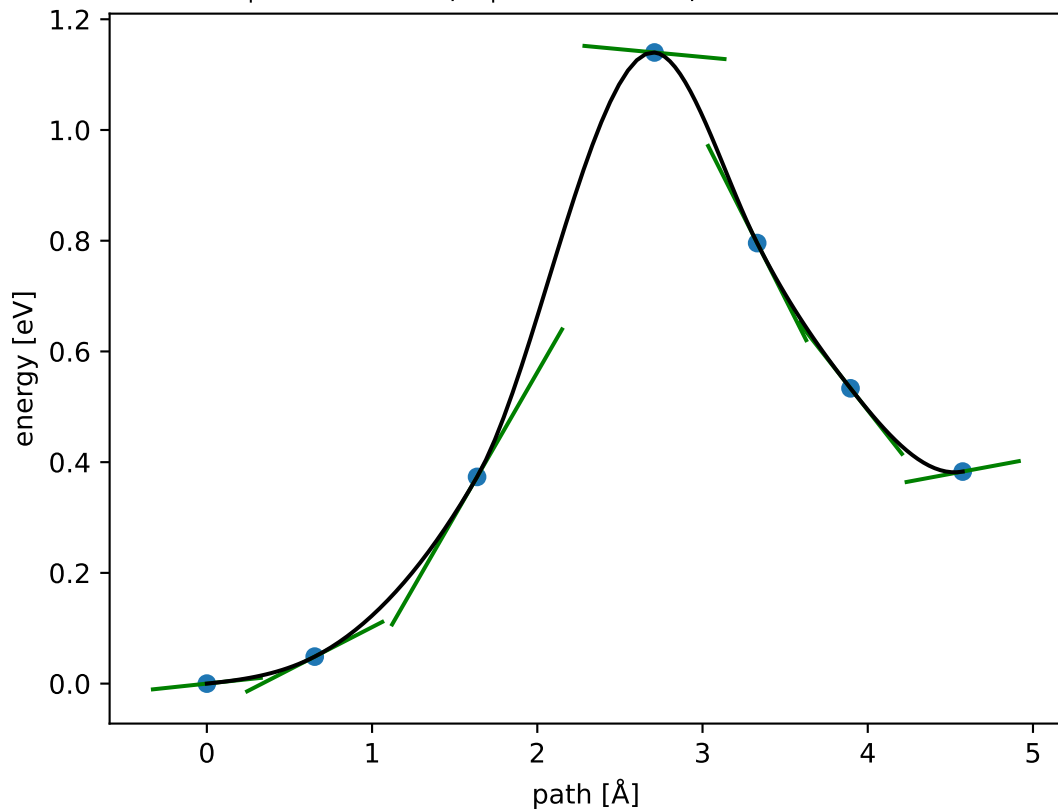
$$E_f \approx 1.144 \text{ eV}; E_r \approx 0.761 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



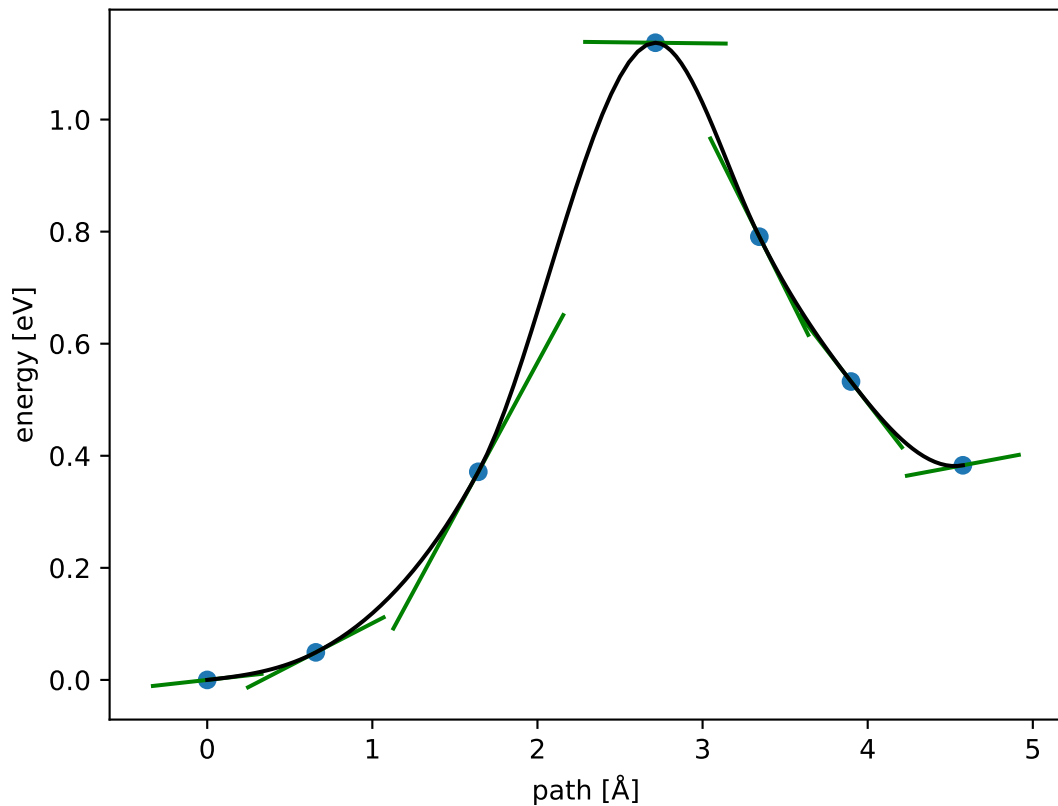
$$E_f \approx 1.142 \text{ eV}; E_r \approx 0.759 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



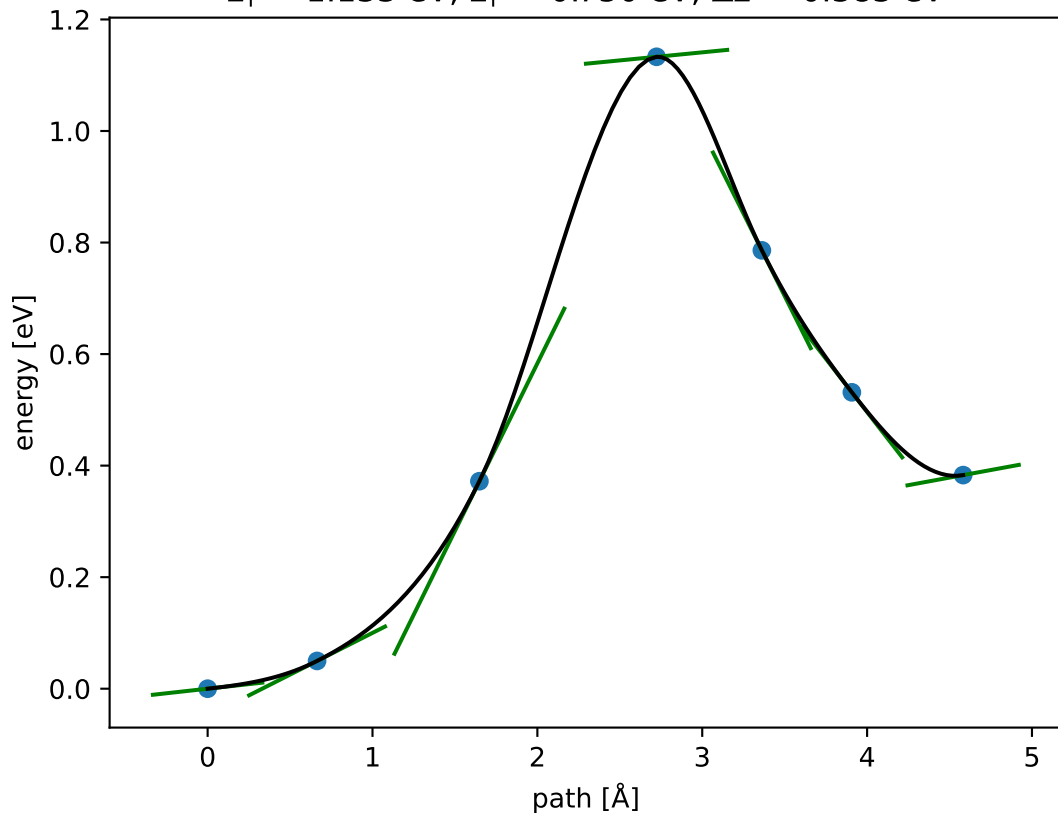
$$E_f \approx 1.140 \text{ eV}; E_r \approx 0.757 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



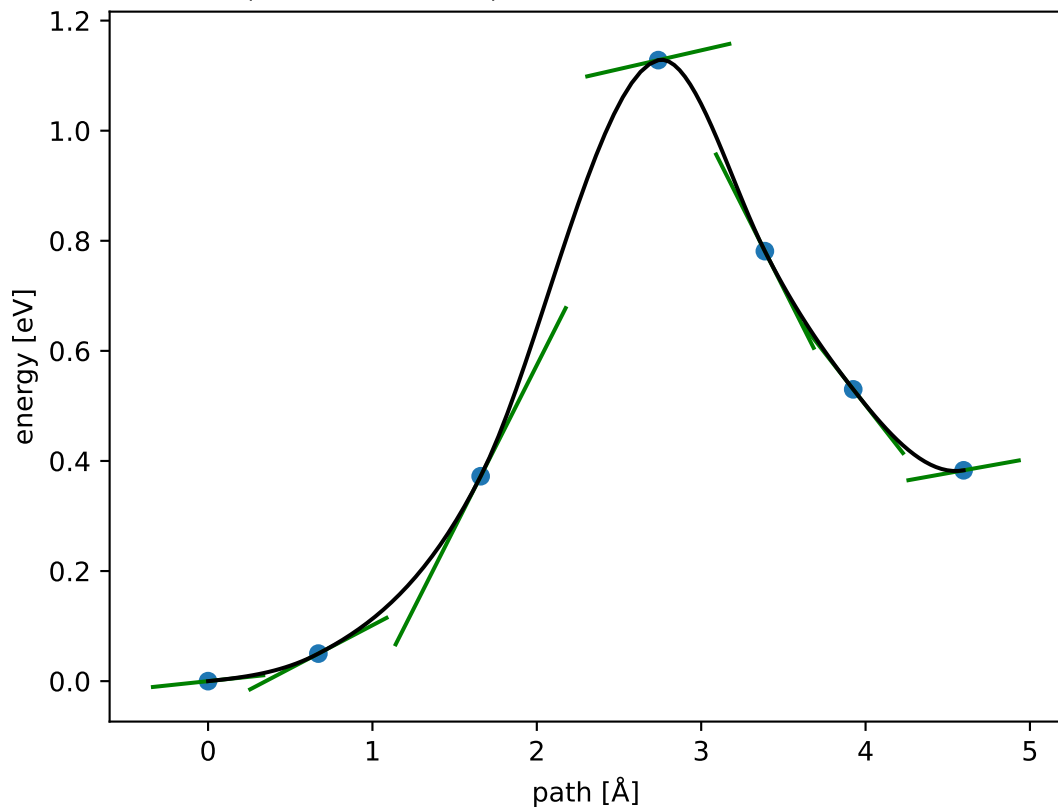
$$E_f \approx 1.137 \text{ eV}; E_r \approx 0.754 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



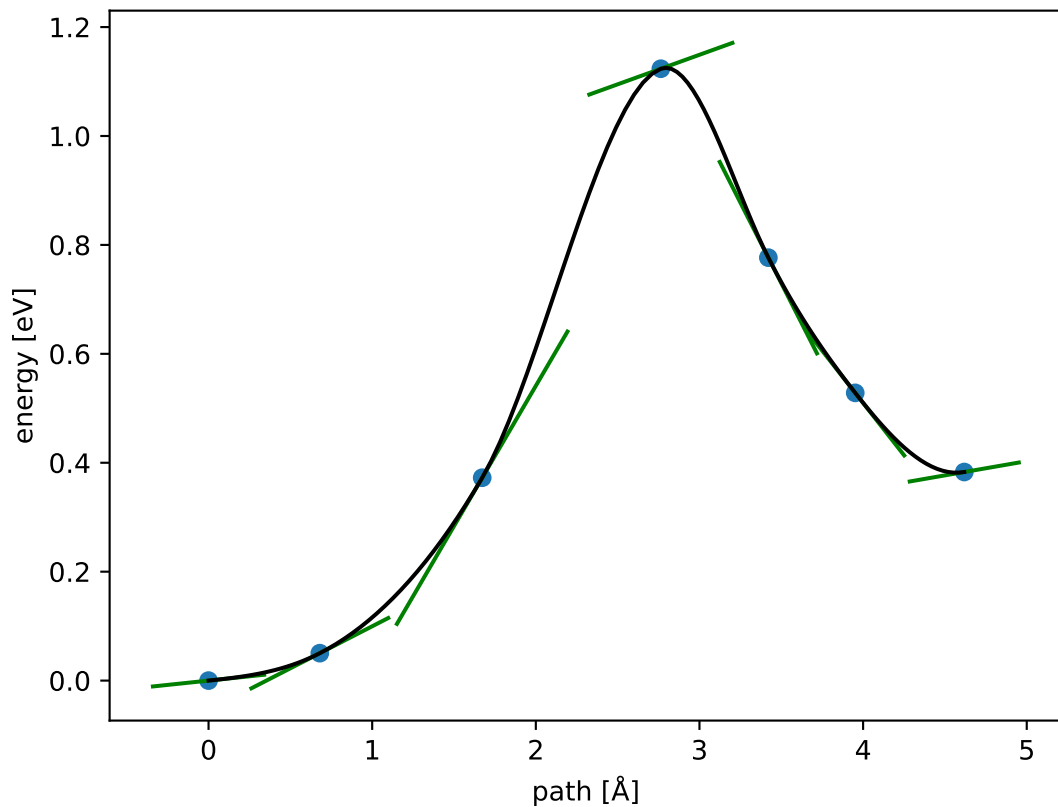
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



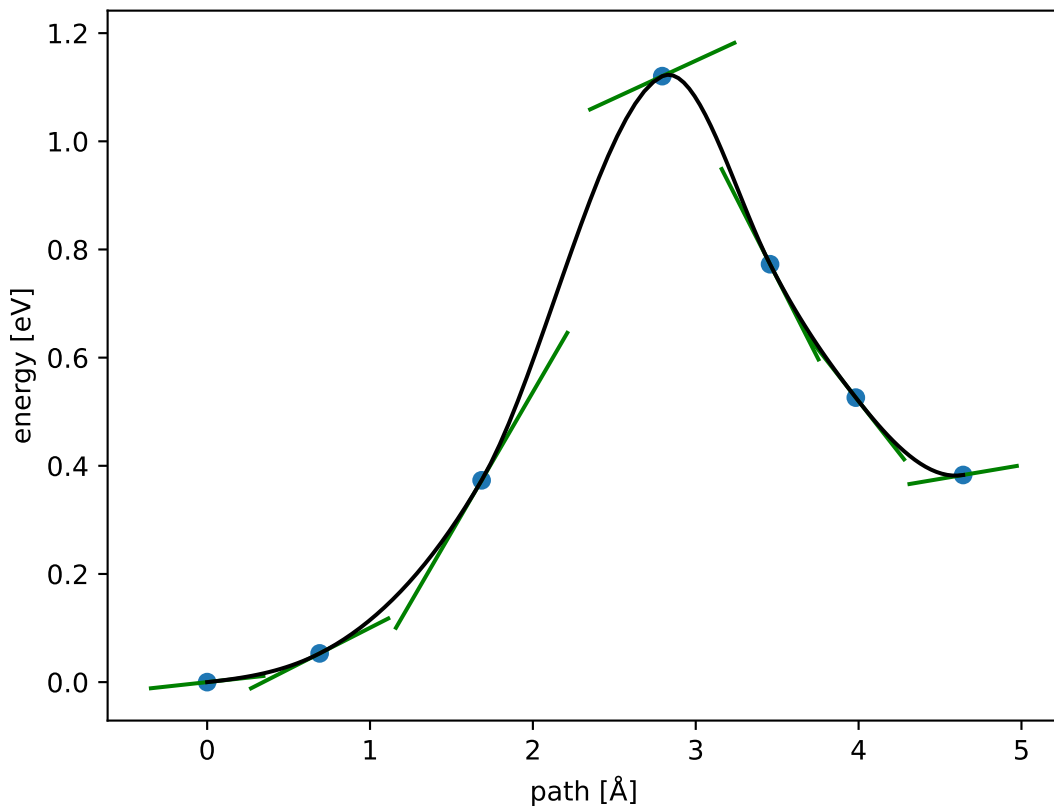
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



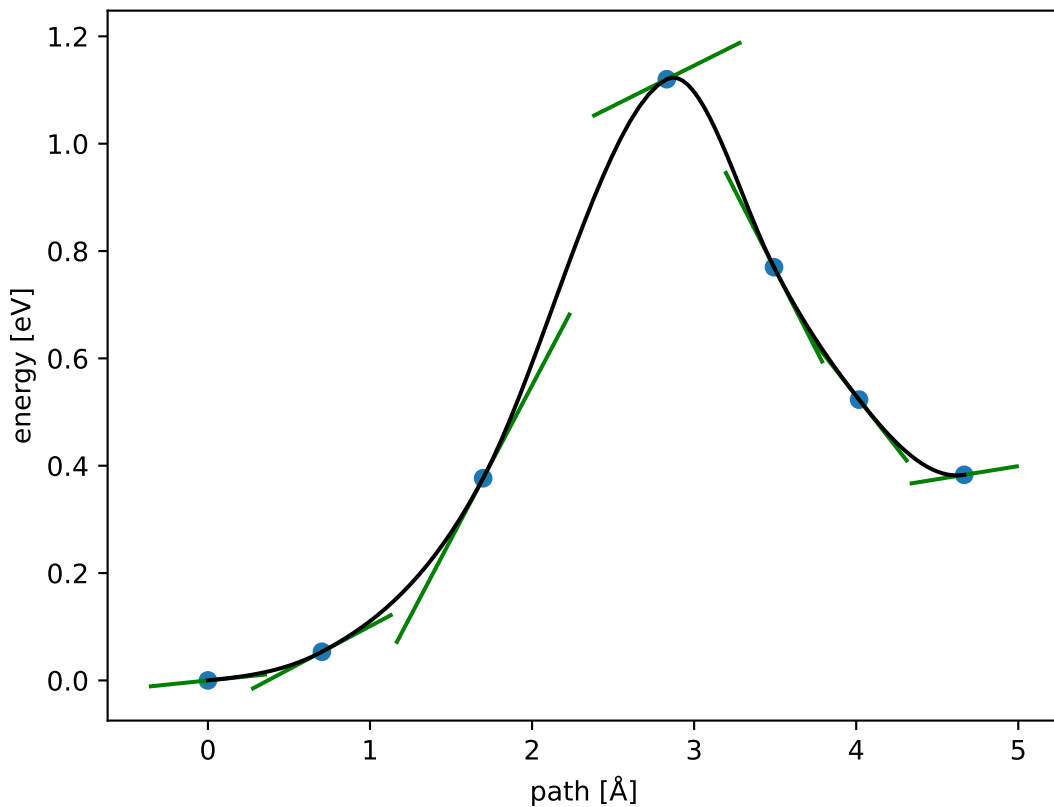
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



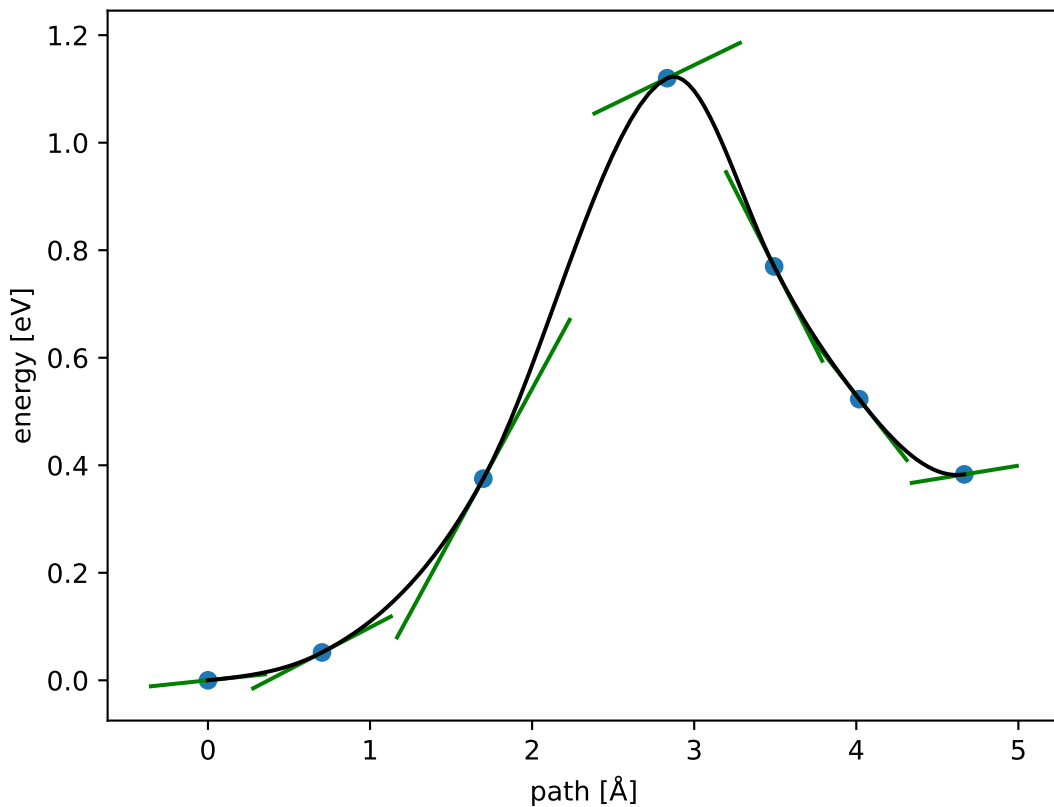
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



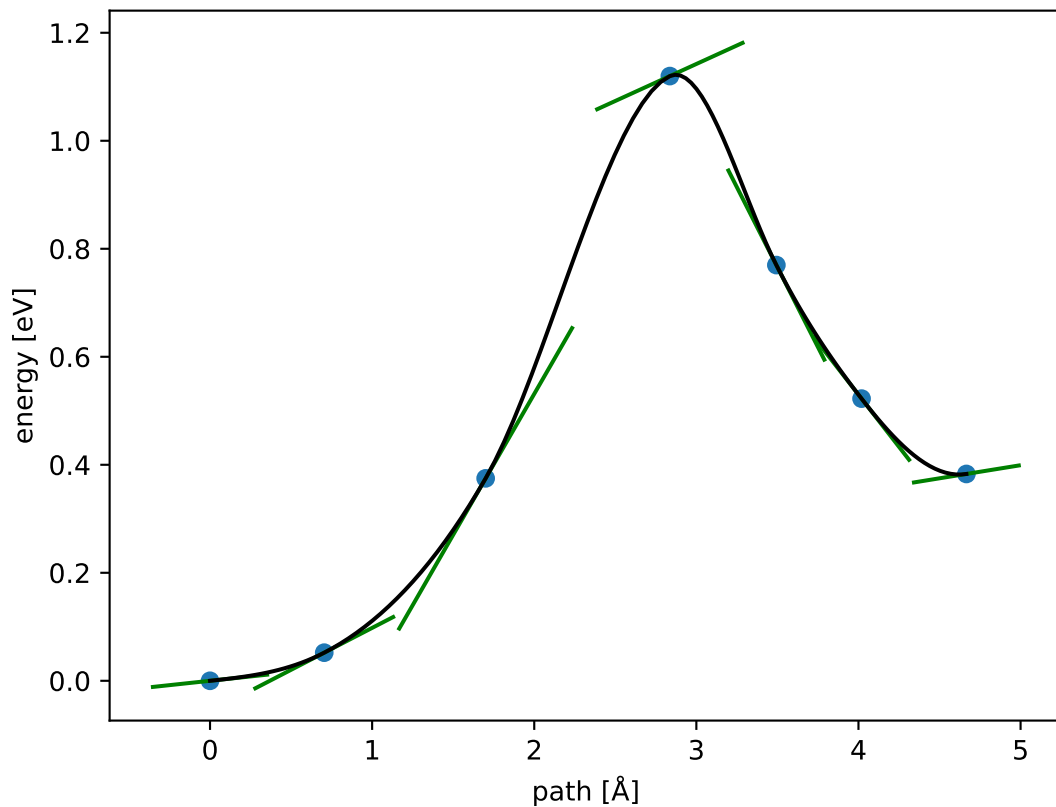
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



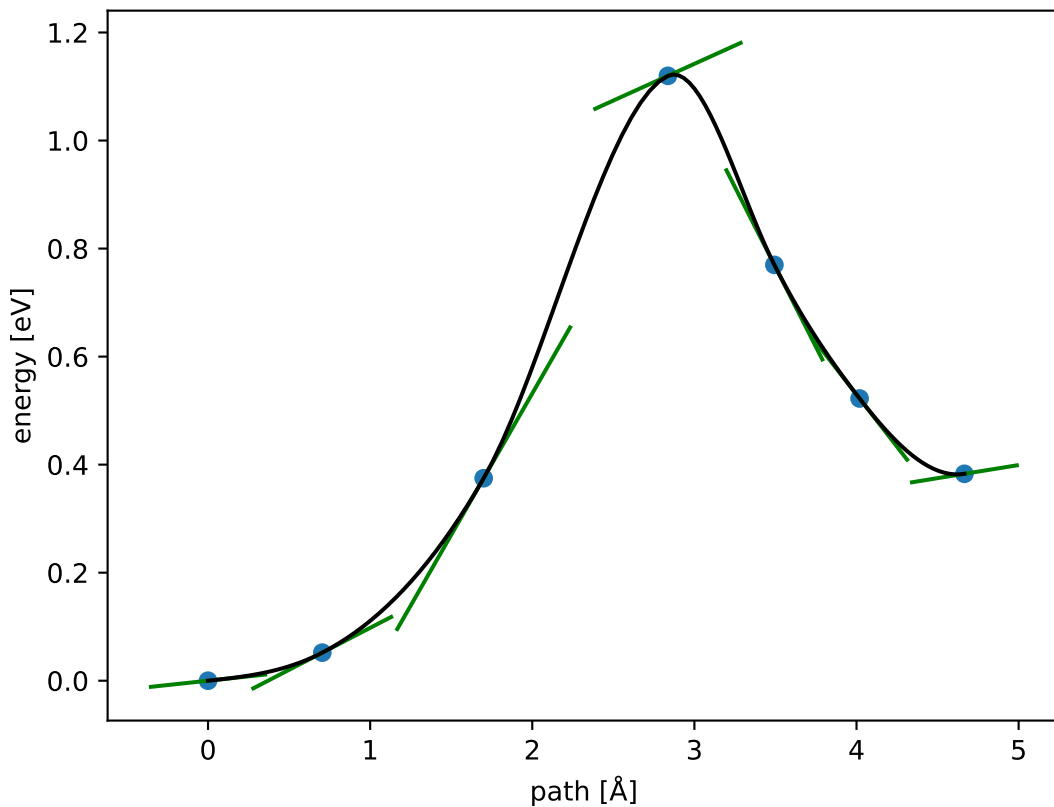
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



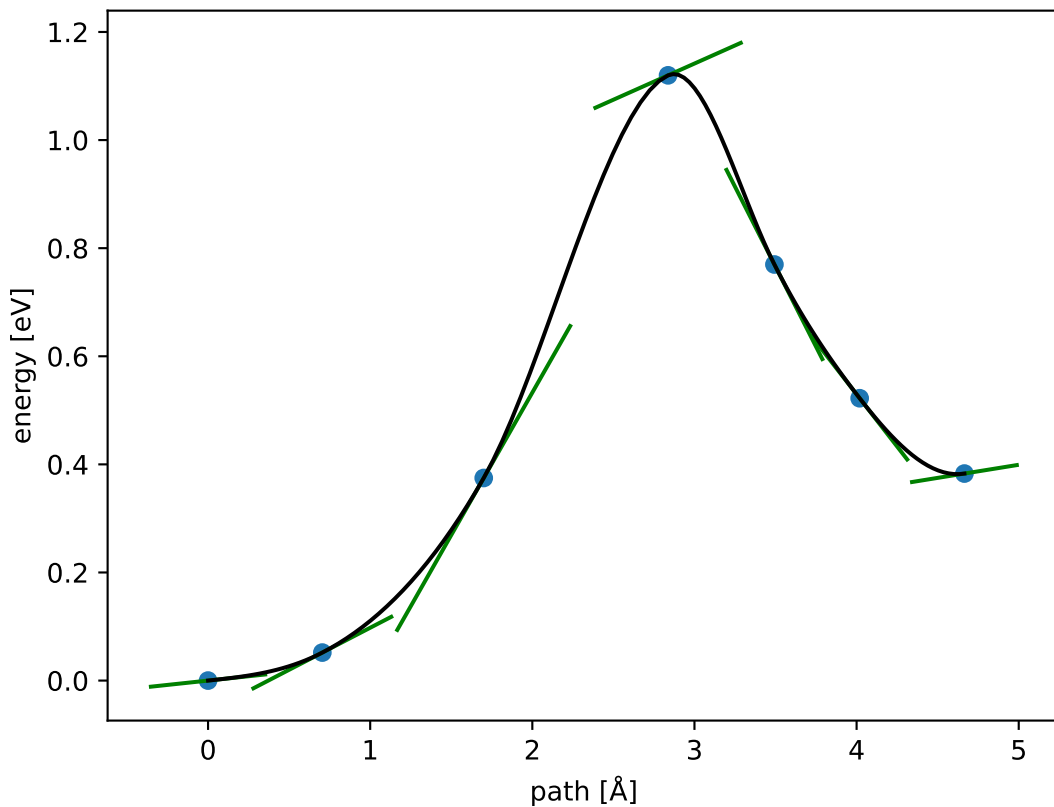
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



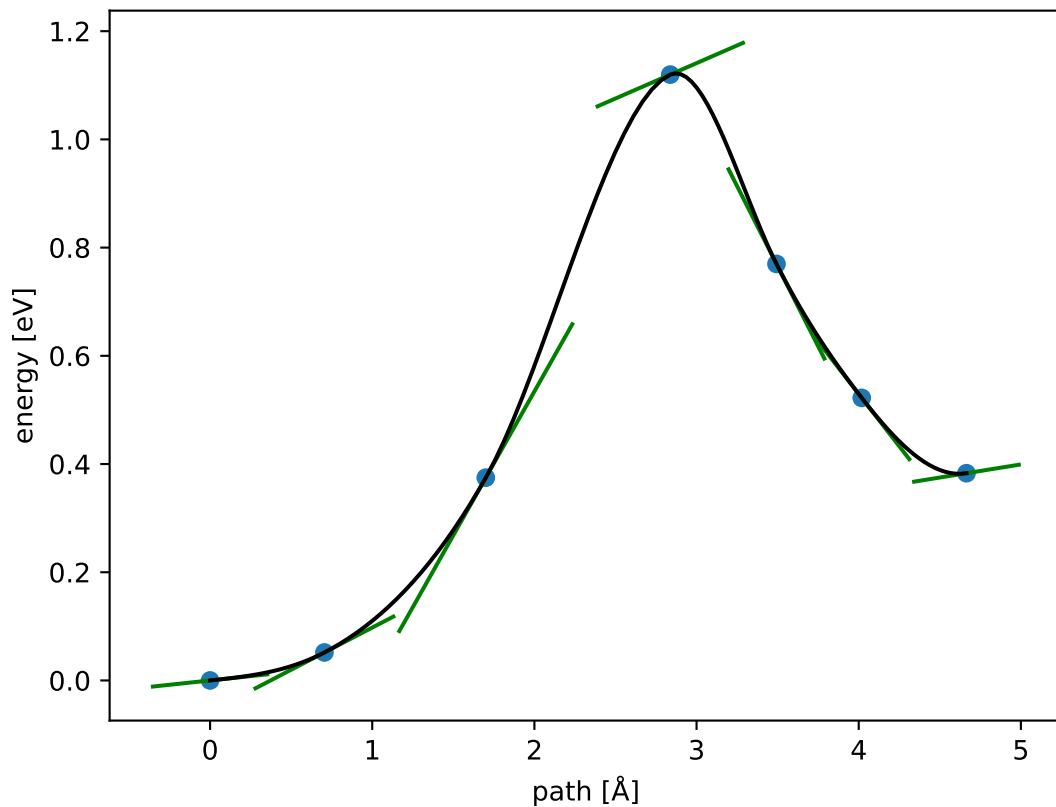
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



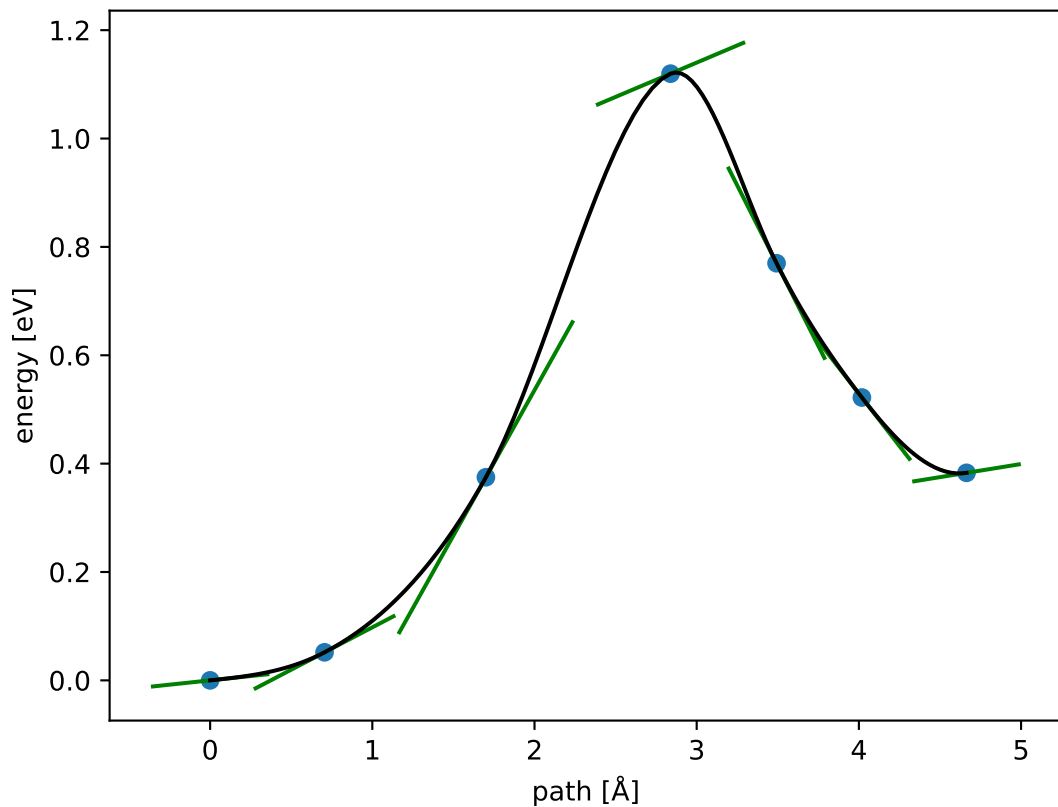
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



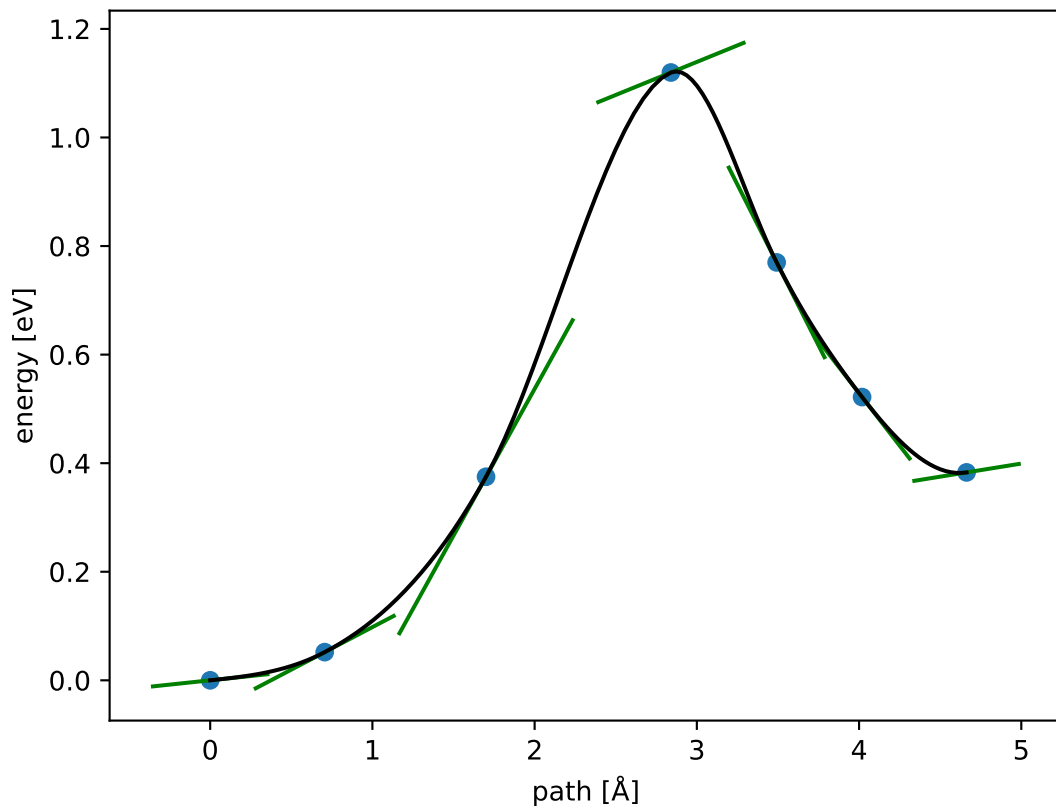
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



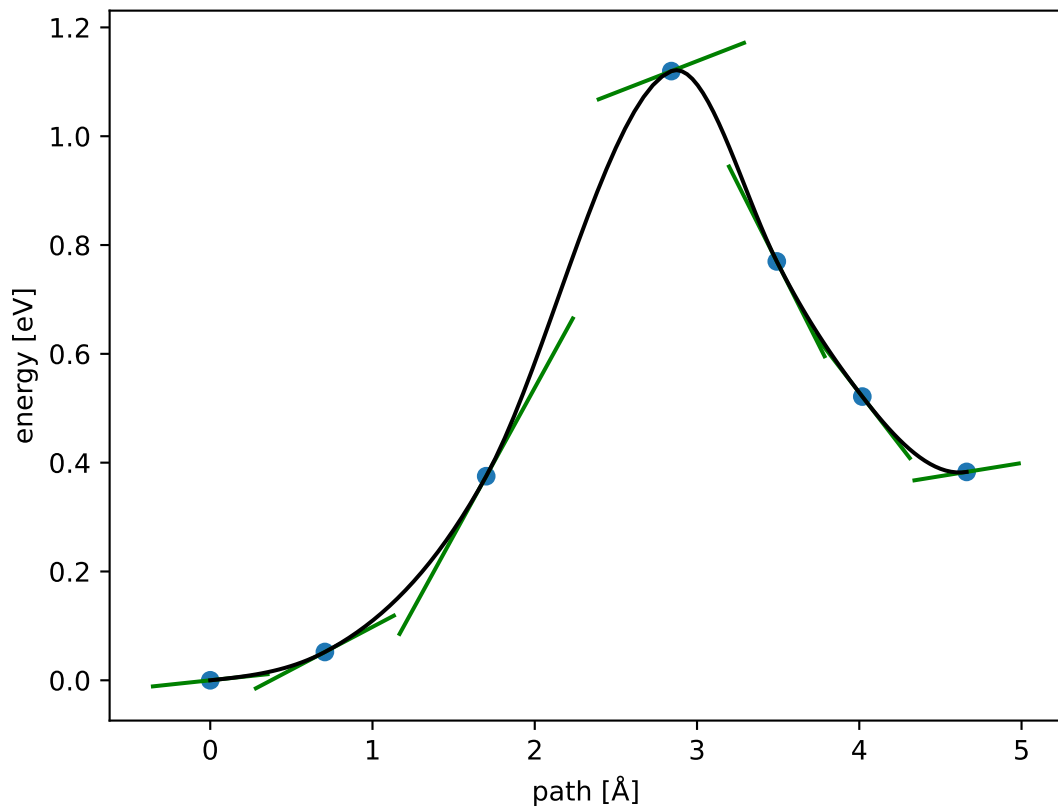
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



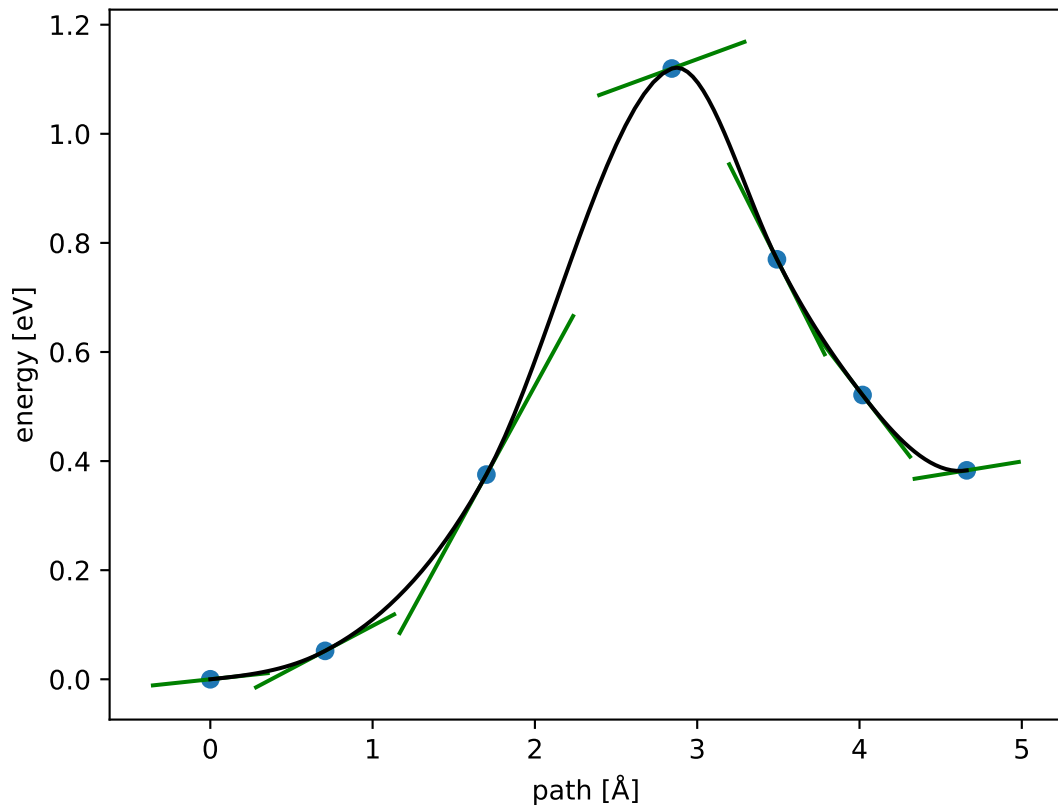
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



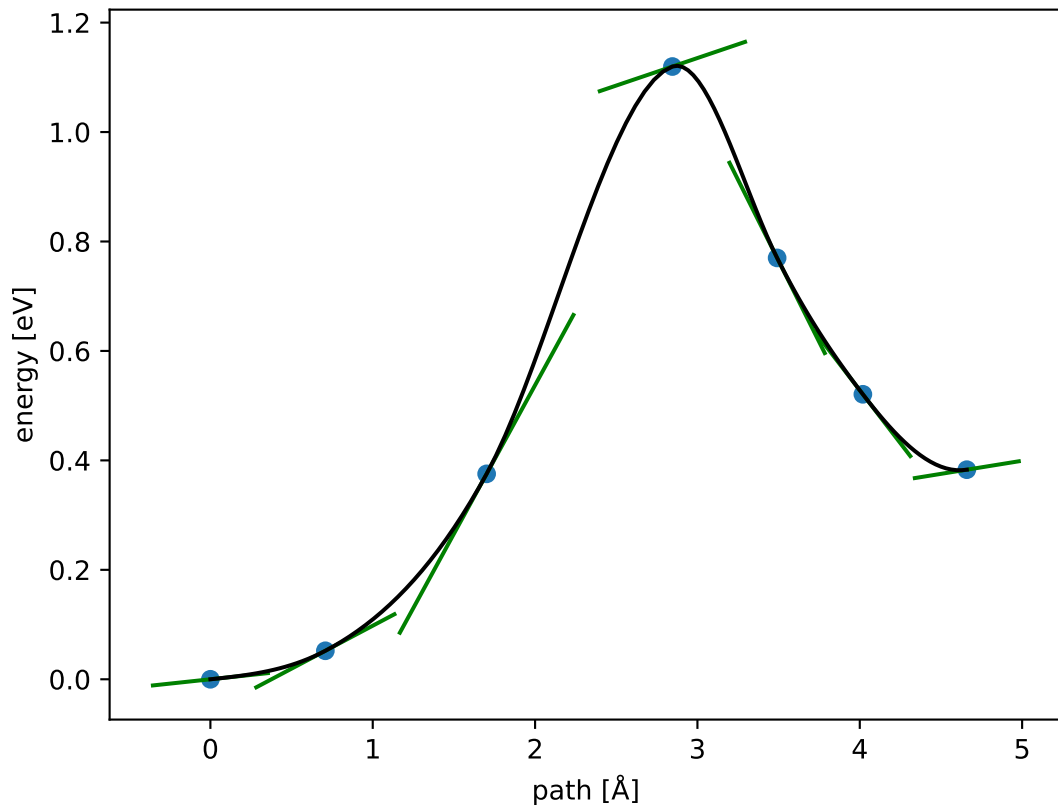
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



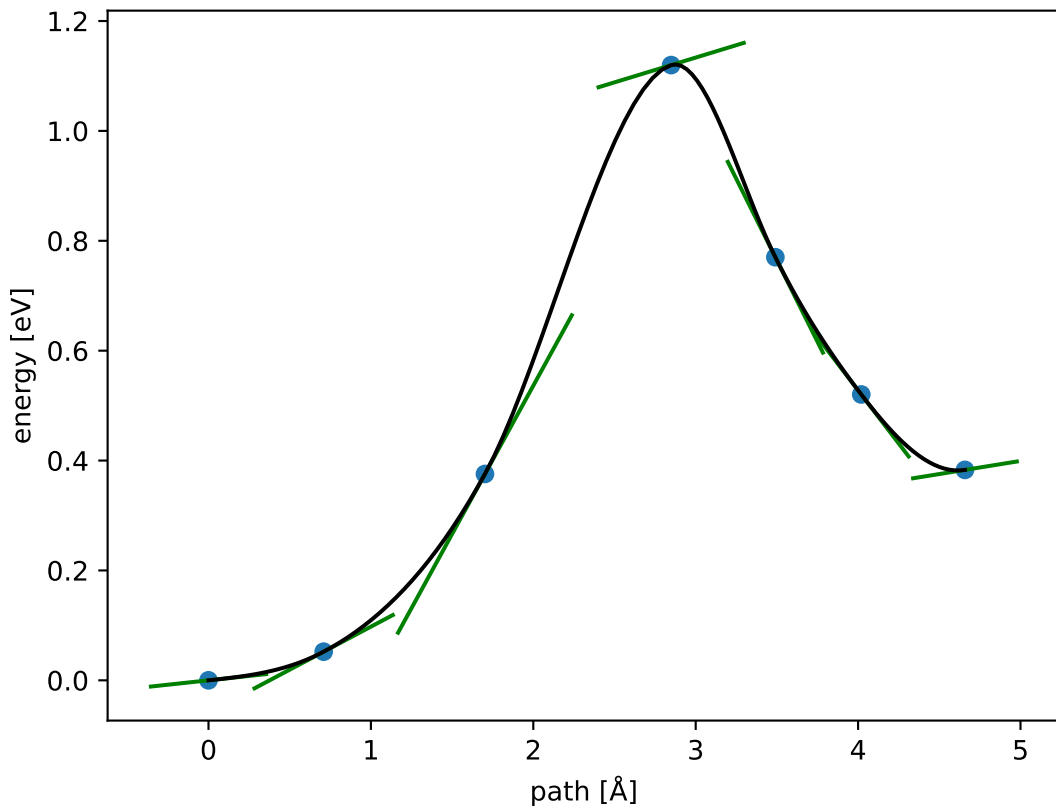
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



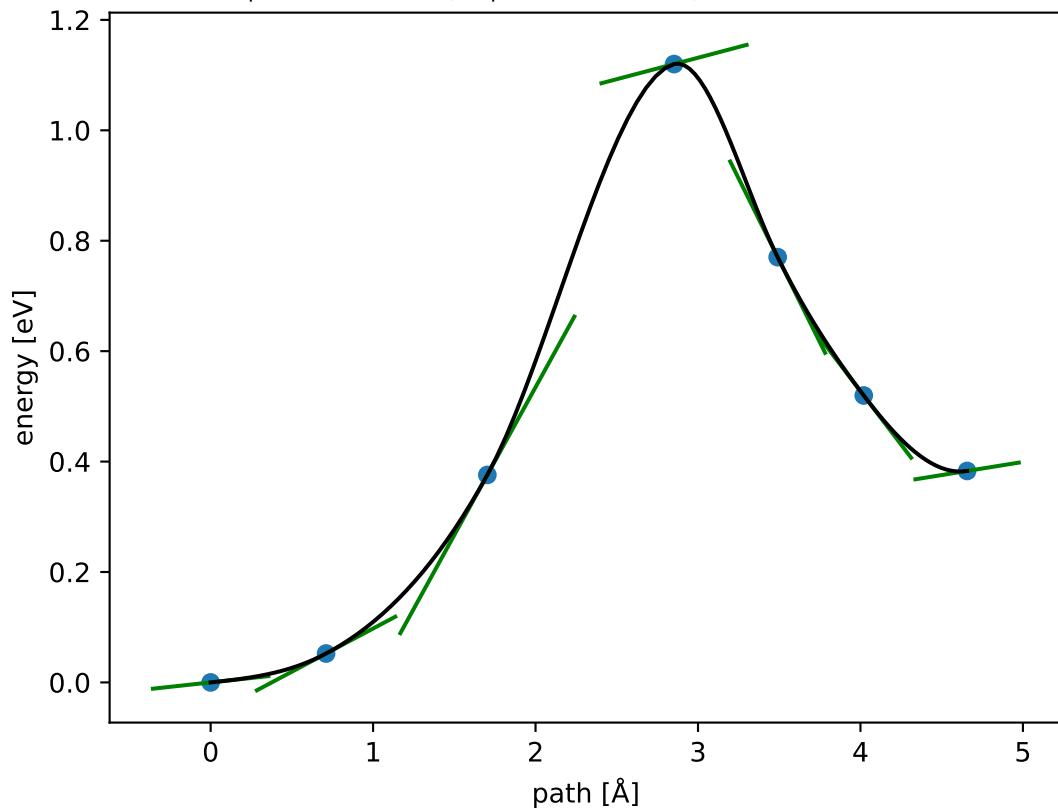
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



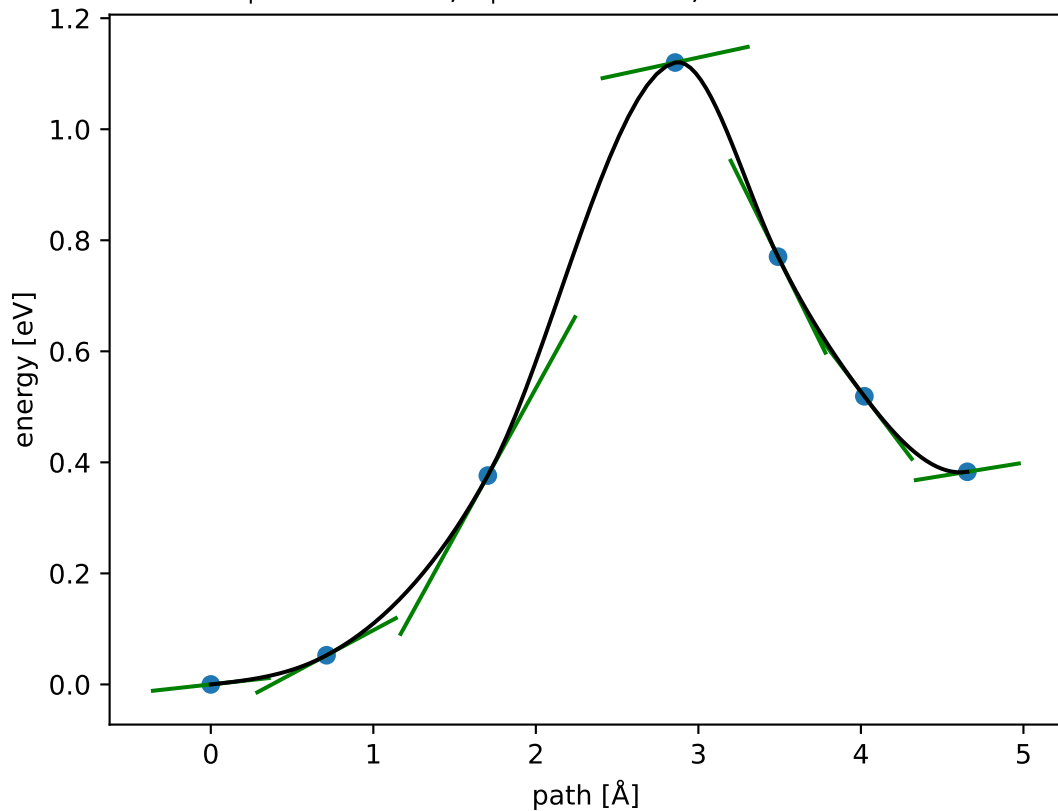
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



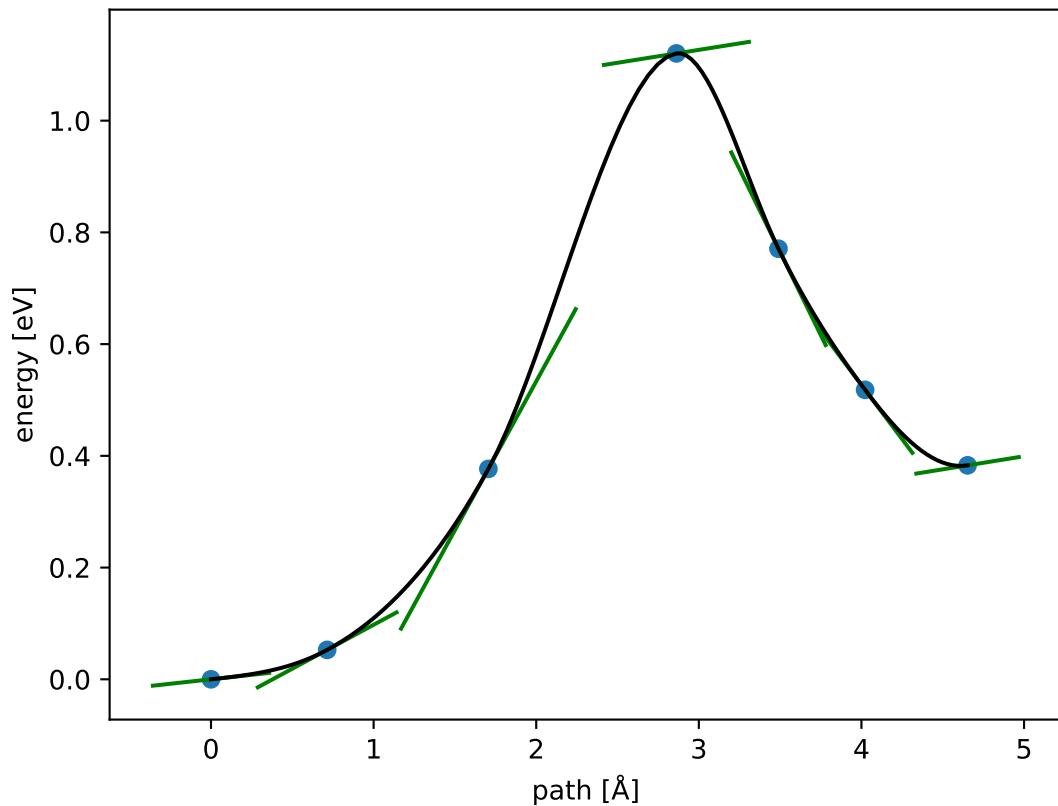
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$

