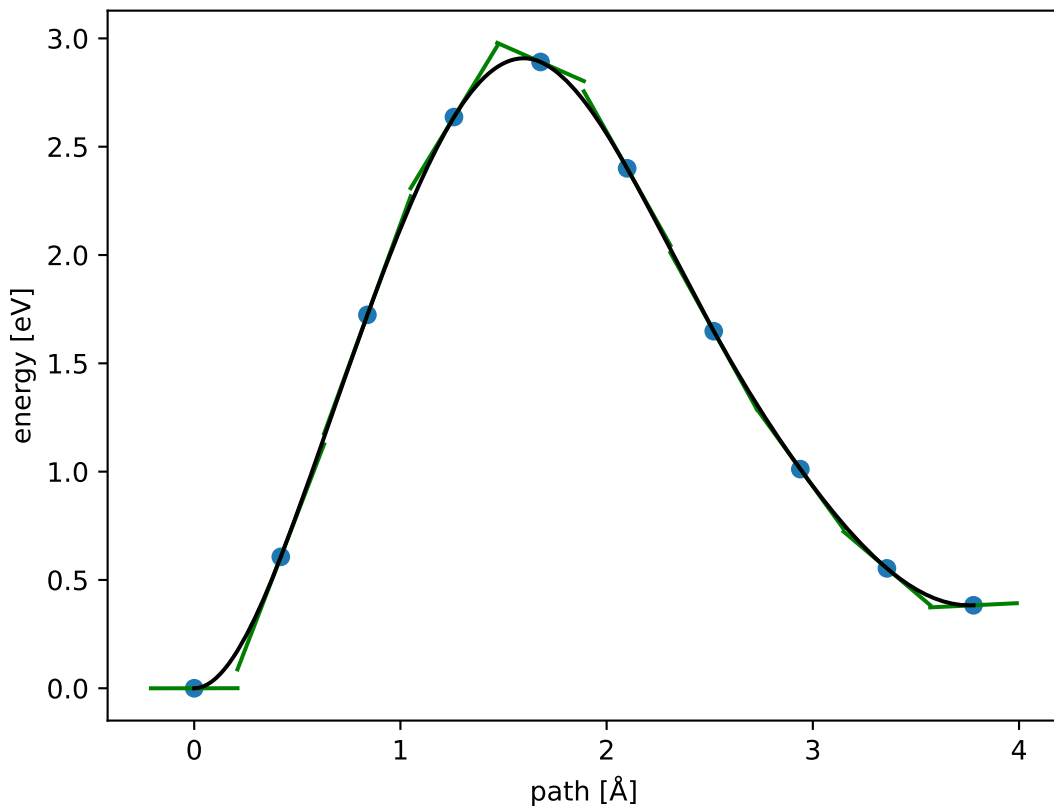
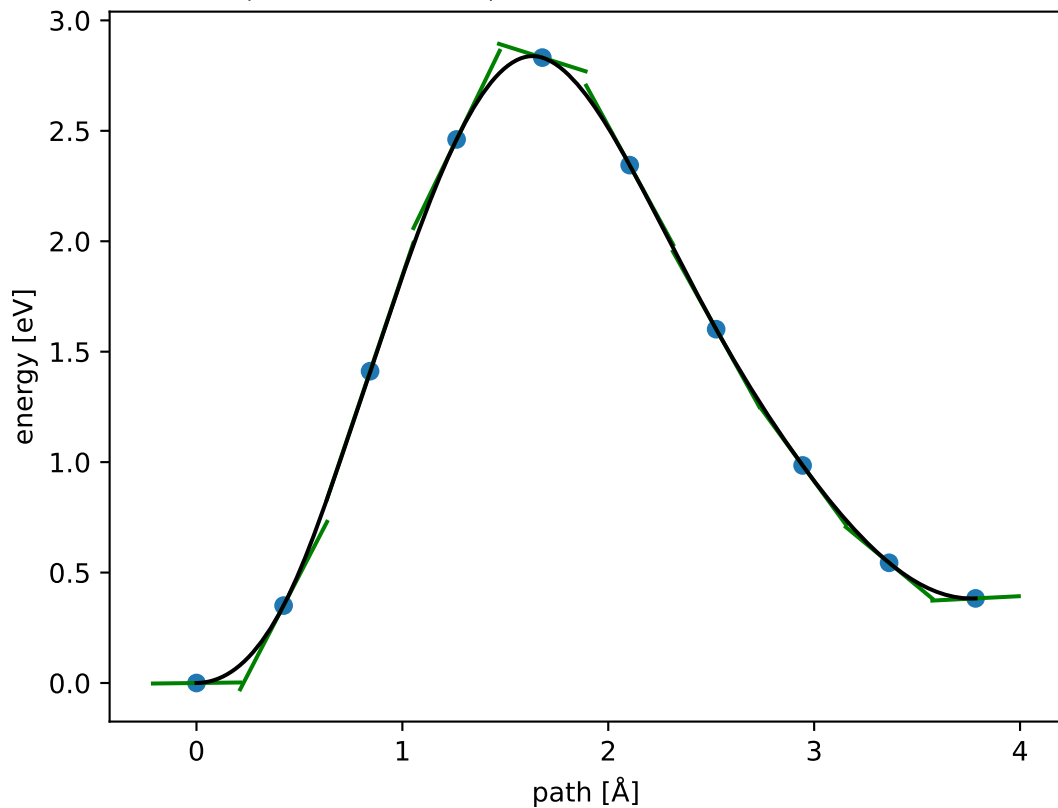


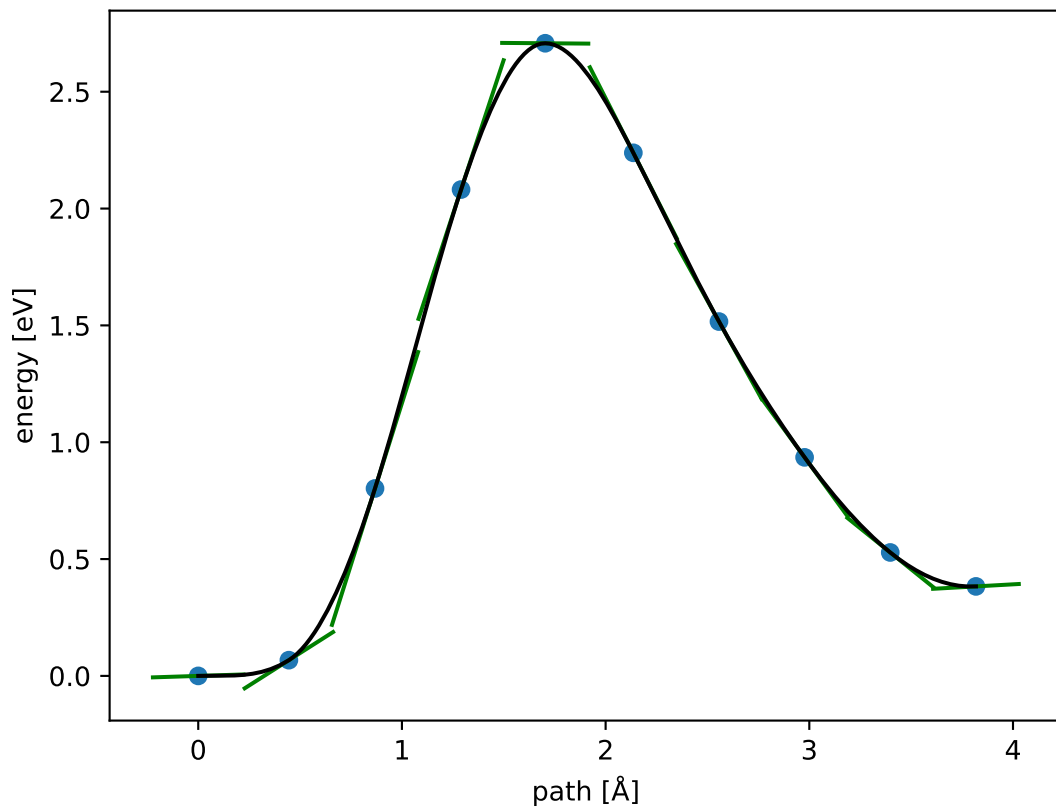
$$E_f \approx 2.891 \text{ eV}; E_r \approx 2.508 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



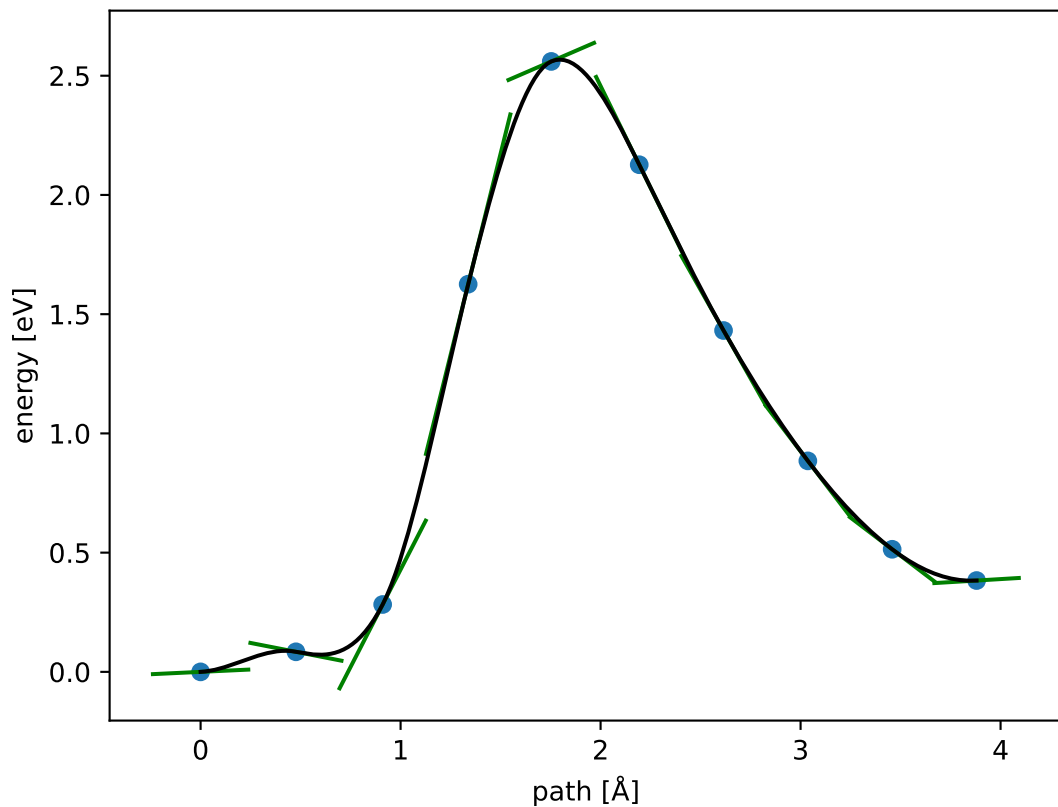
$$E_f \approx 2.832 \text{ eV}; E_r \approx 2.449 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



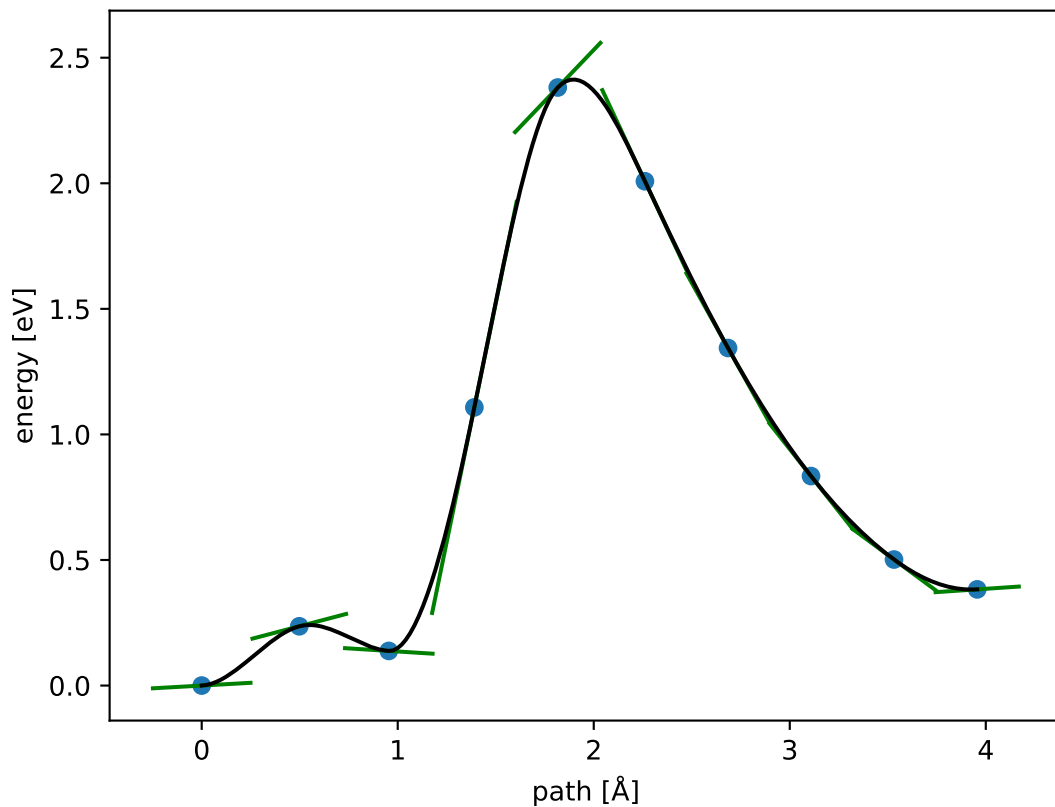
$$E_f \approx 2.707 \text{ eV}; E_r \approx 2.324 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



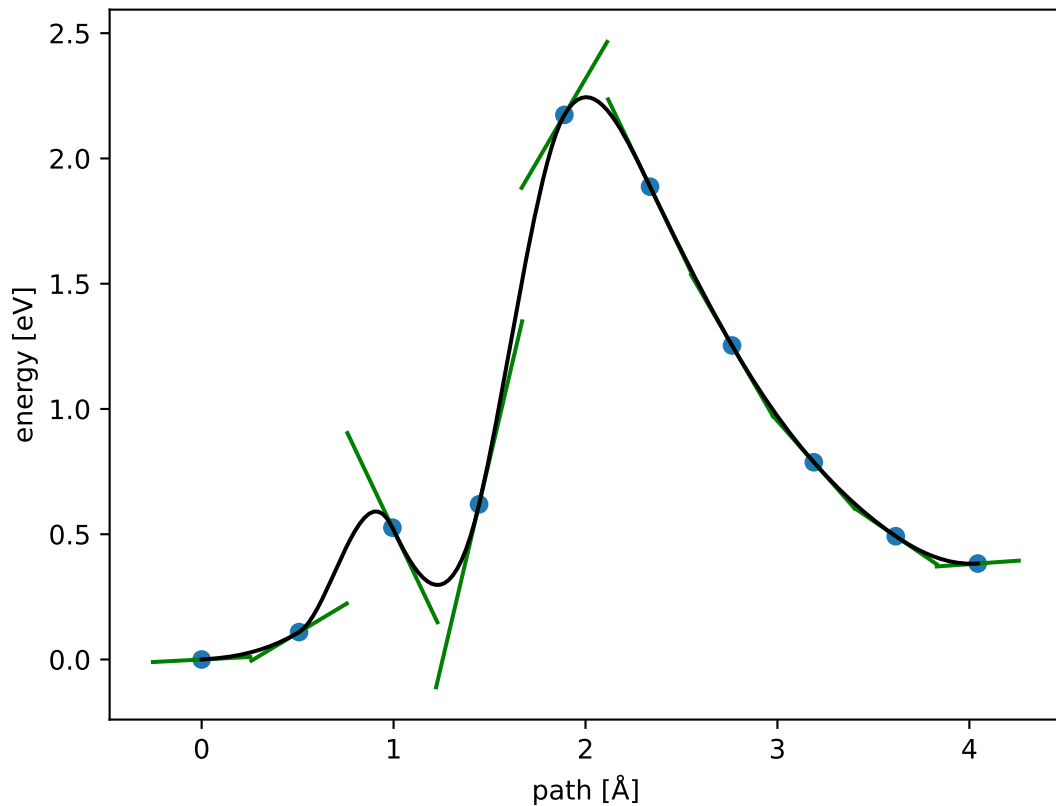
$$E_f \approx 2.560 \text{ eV}; E_r \approx 2.177 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



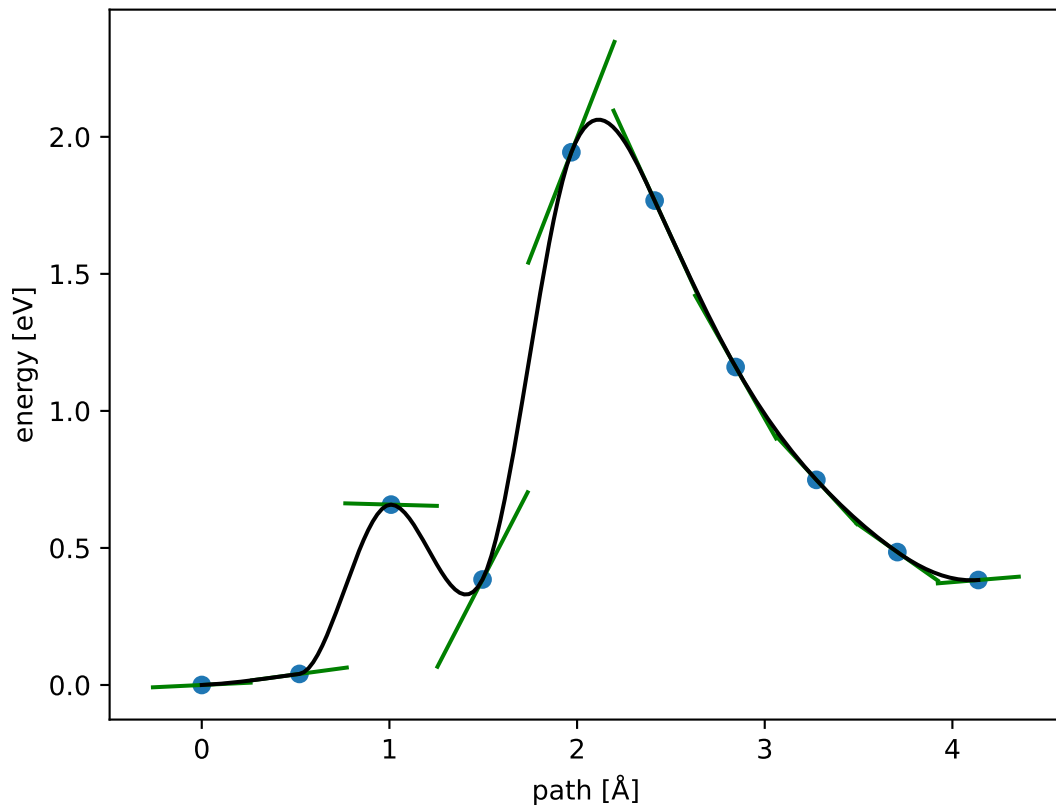
$$E_f \approx 2.381 \text{ eV}; E_r \approx 1.998 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



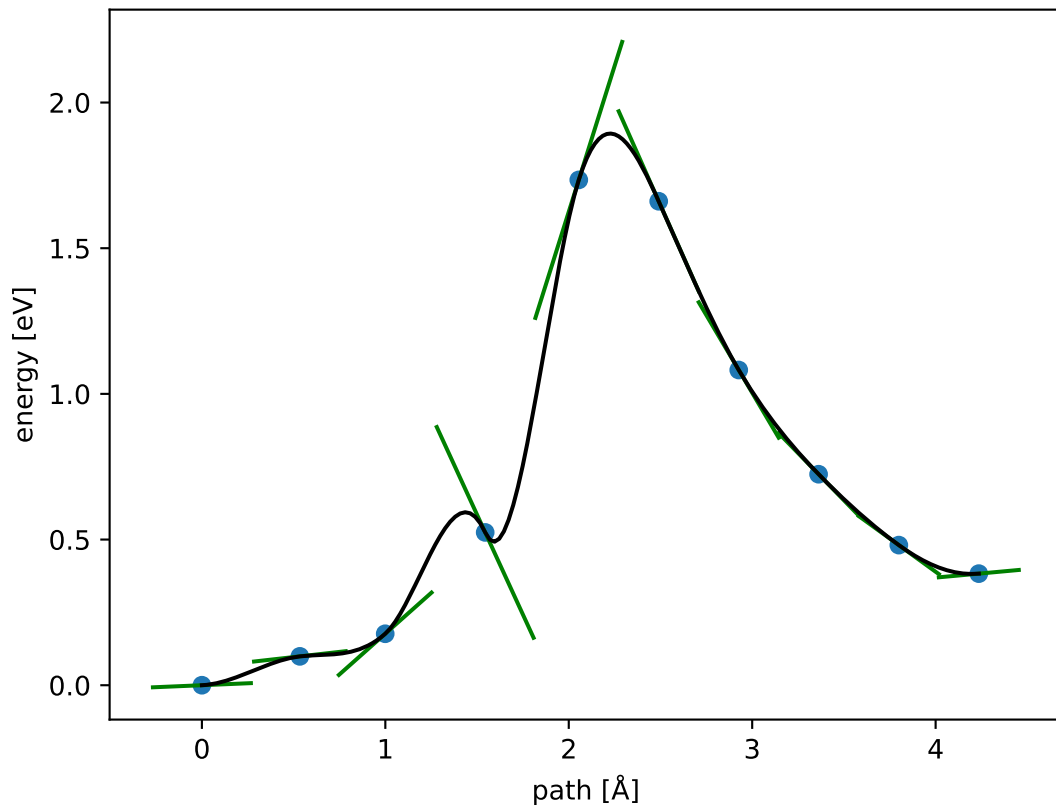
$$E_f \approx 2.174 \text{ eV}; E_r \approx 1.791 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



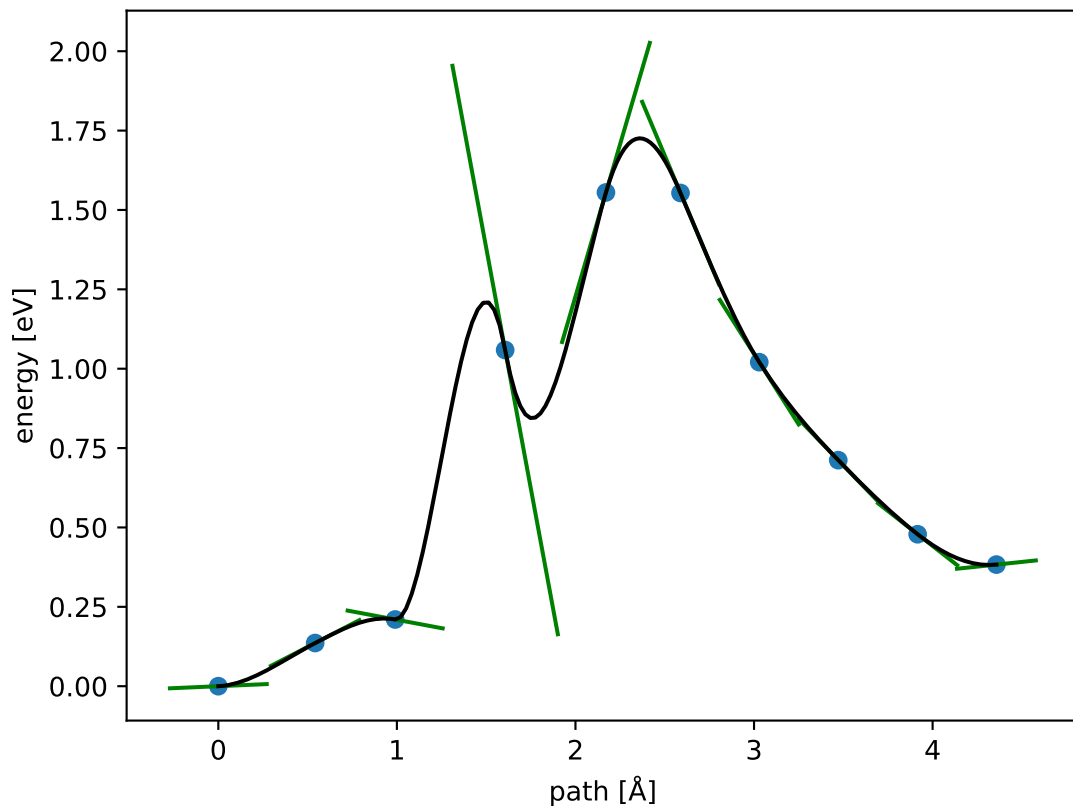
$$E_f \approx 1.944 \text{ eV}; E_r \approx 1.561 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



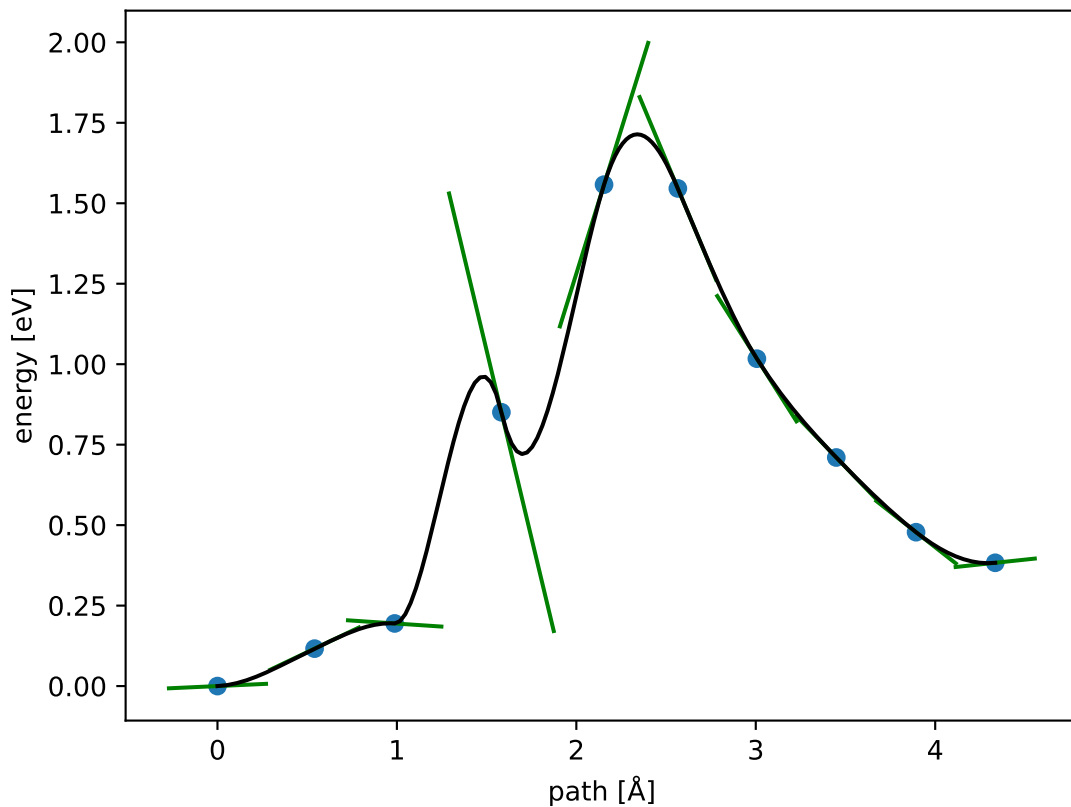
$$E_f \approx 1.734 \text{ eV}; E_r \approx 1.351 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



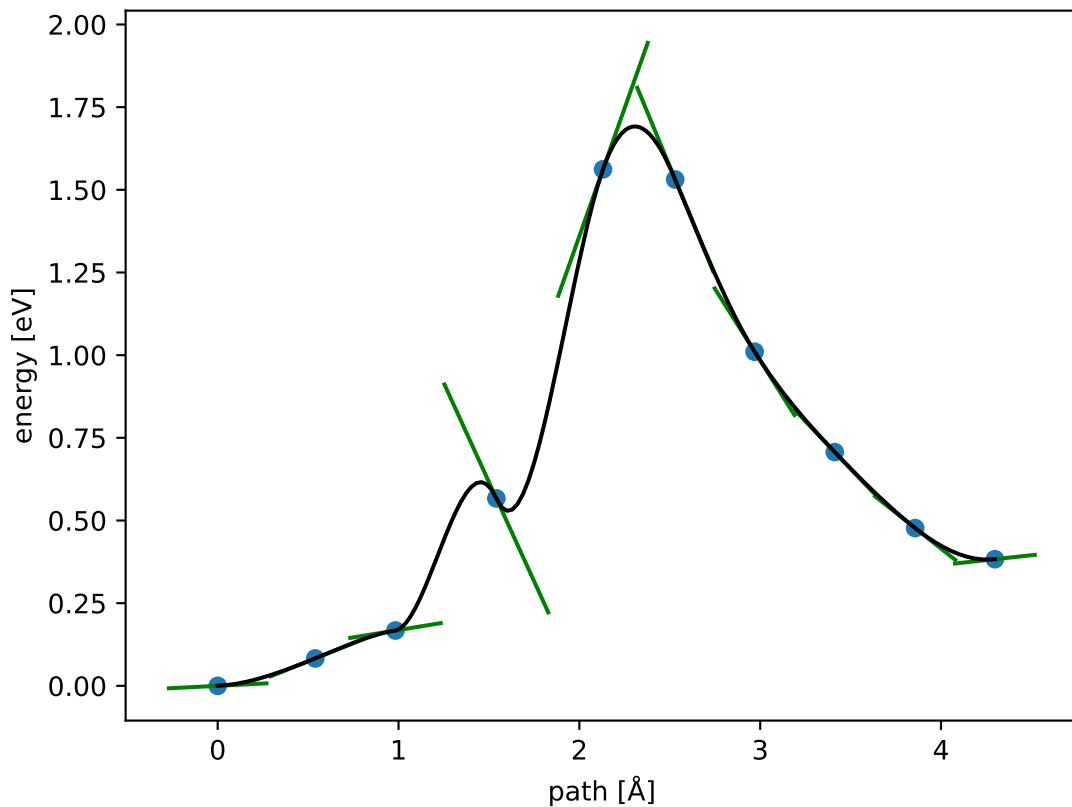
$$E_f \approx 1.555 \text{ eV}; E_r \approx 1.172 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



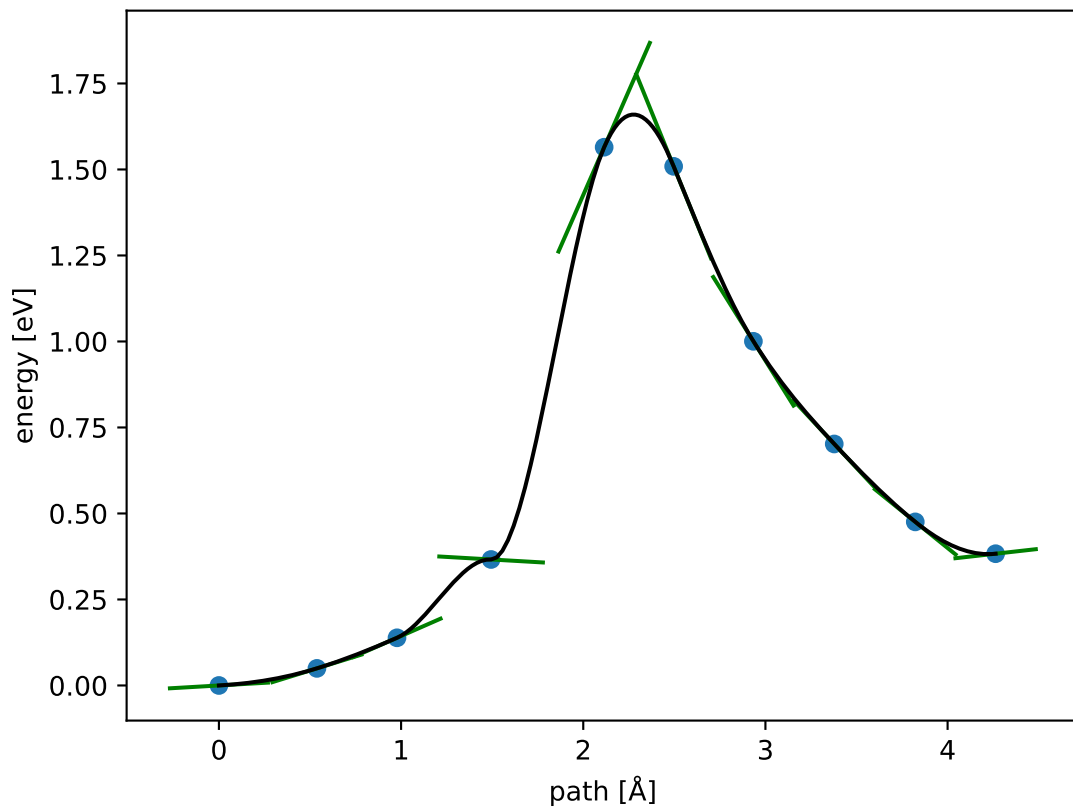
$$E_f \approx 1.558 \text{ eV}; E_r \approx 1.175 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



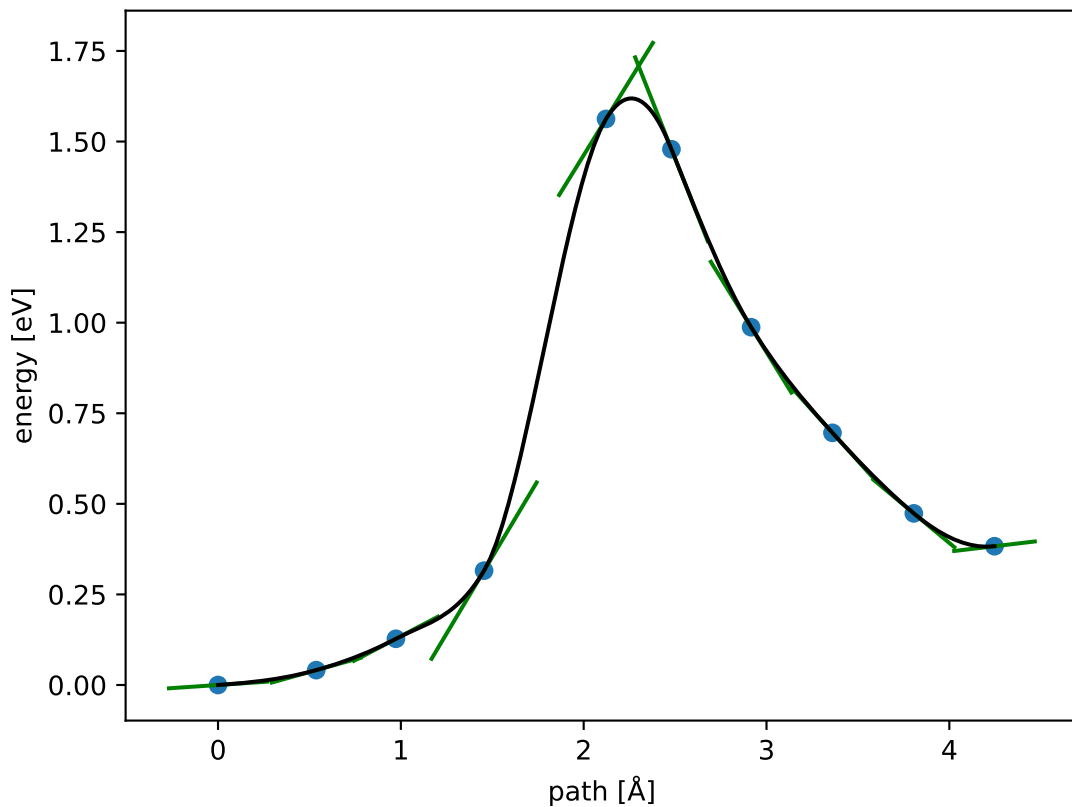
$$E_f \approx 1.562 \text{ eV}; E_r \approx 1.179 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



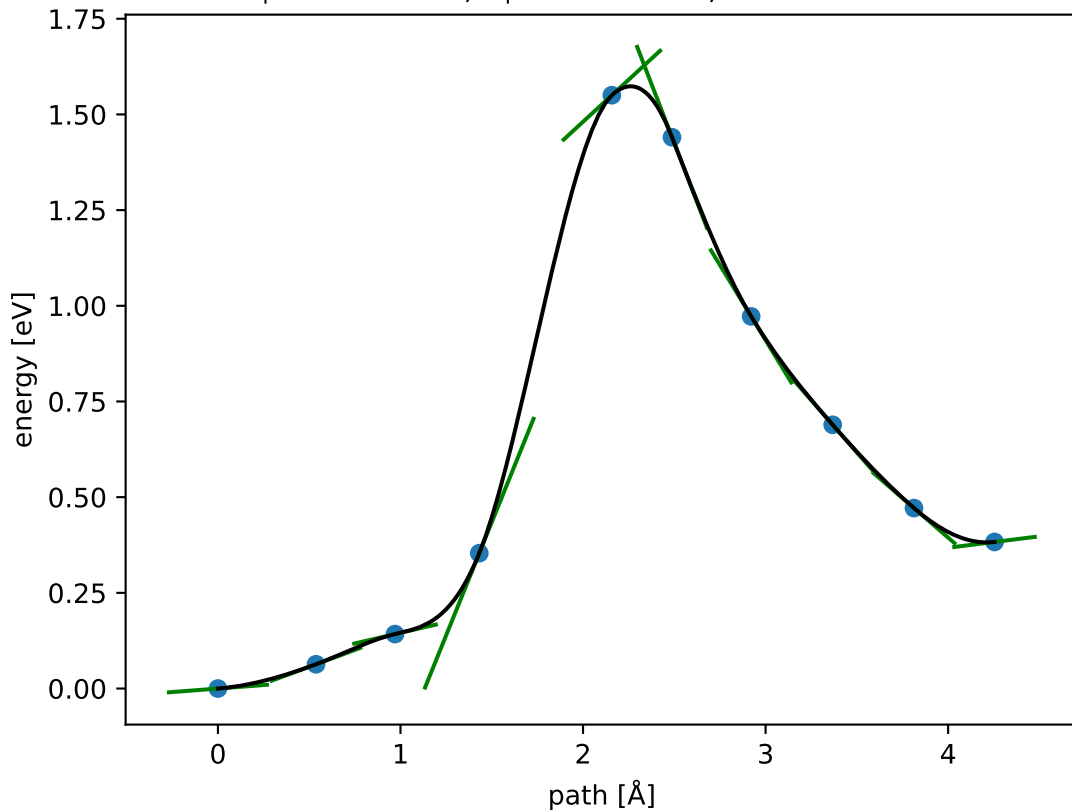
$$E_f \approx 1.565 \text{ eV}; E_r \approx 1.182 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



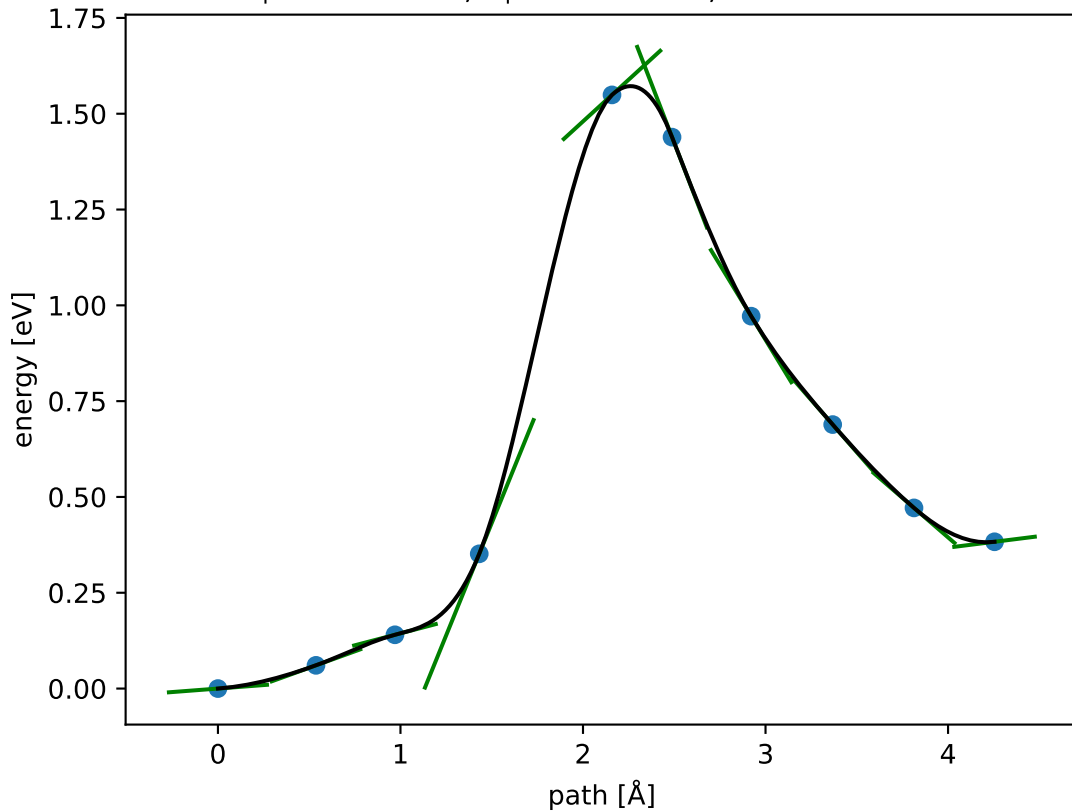
$$E_f \approx 1.562 \text{ eV}; E_r \approx 1.179 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



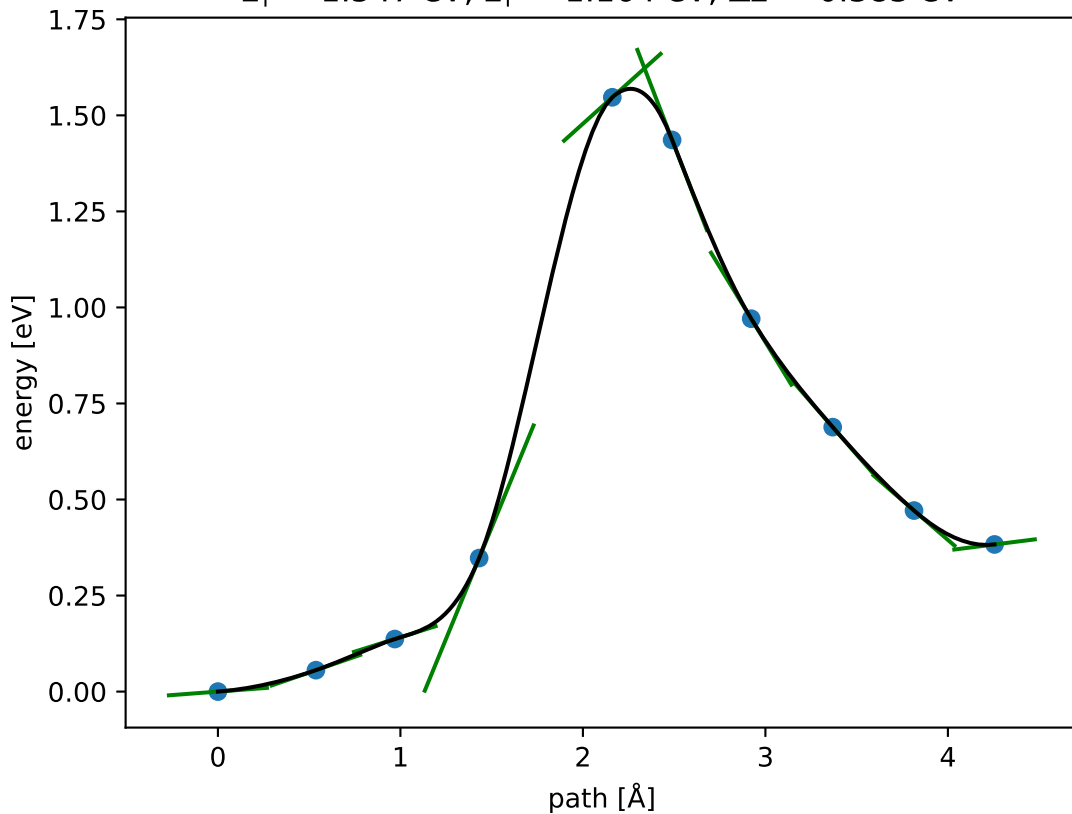
$$E_f \approx 1.550 \text{ eV}; E_r \approx 1.167 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



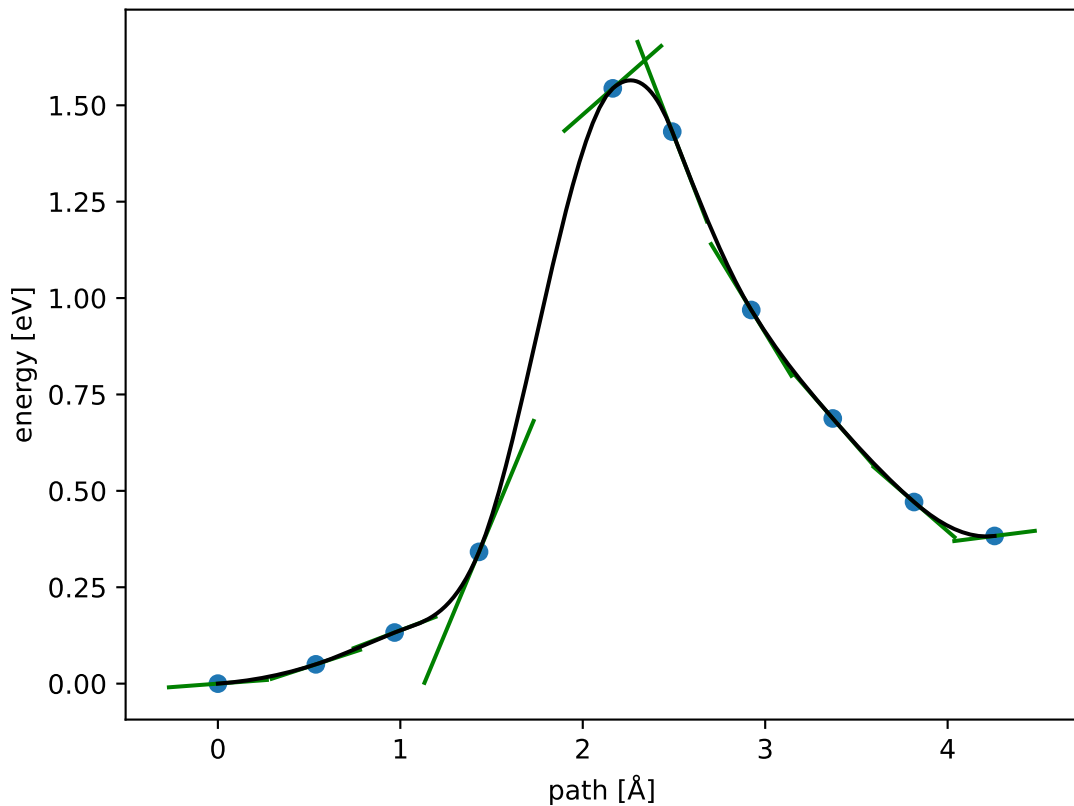
$$E_f \approx 1.549 \text{ eV}; E_r \approx 1.166 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



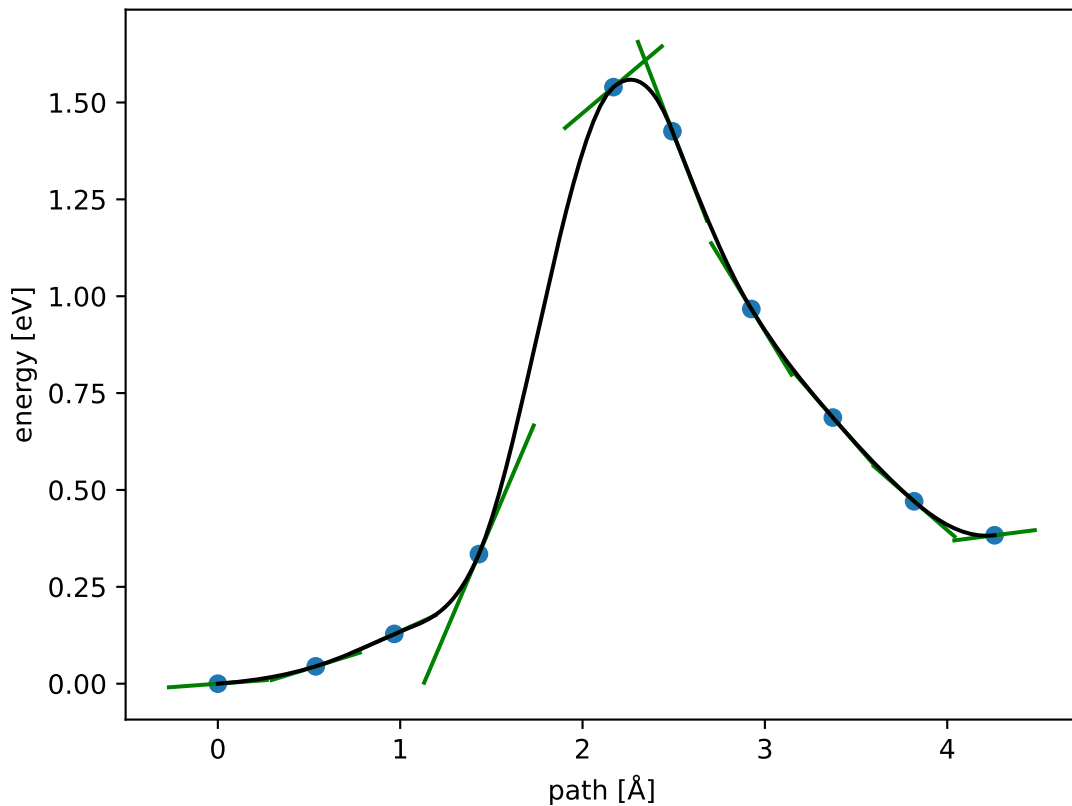
$$E_f \approx 1.547 \text{ eV}; E_r \approx 1.164 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



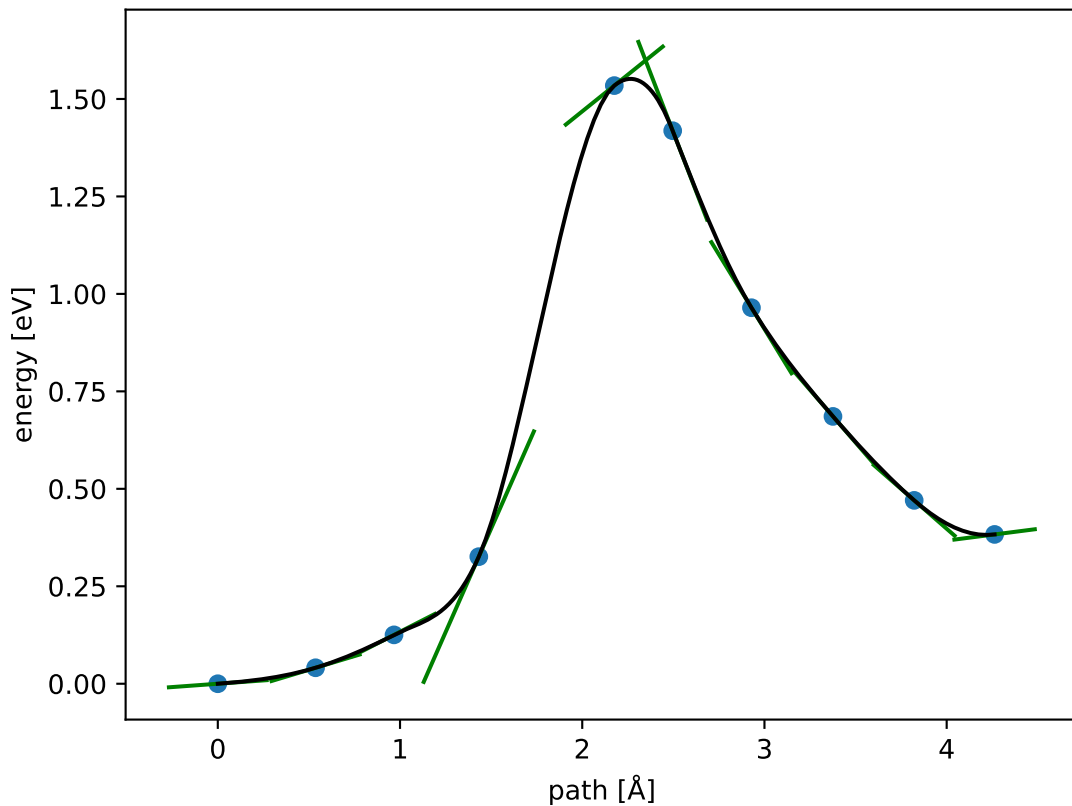
$$E_f \approx 1.544 \text{ eV}; E_r \approx 1.161 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



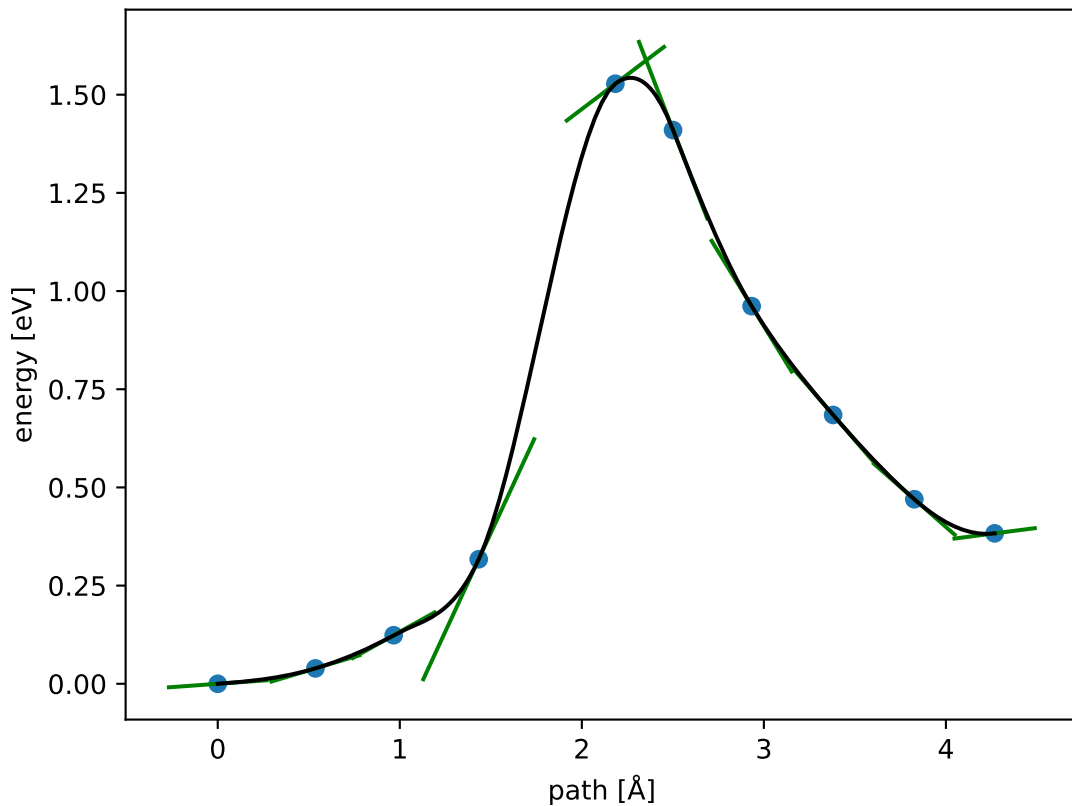
$$E_f \approx 1.540 \text{ eV}; E_r \approx 1.157 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



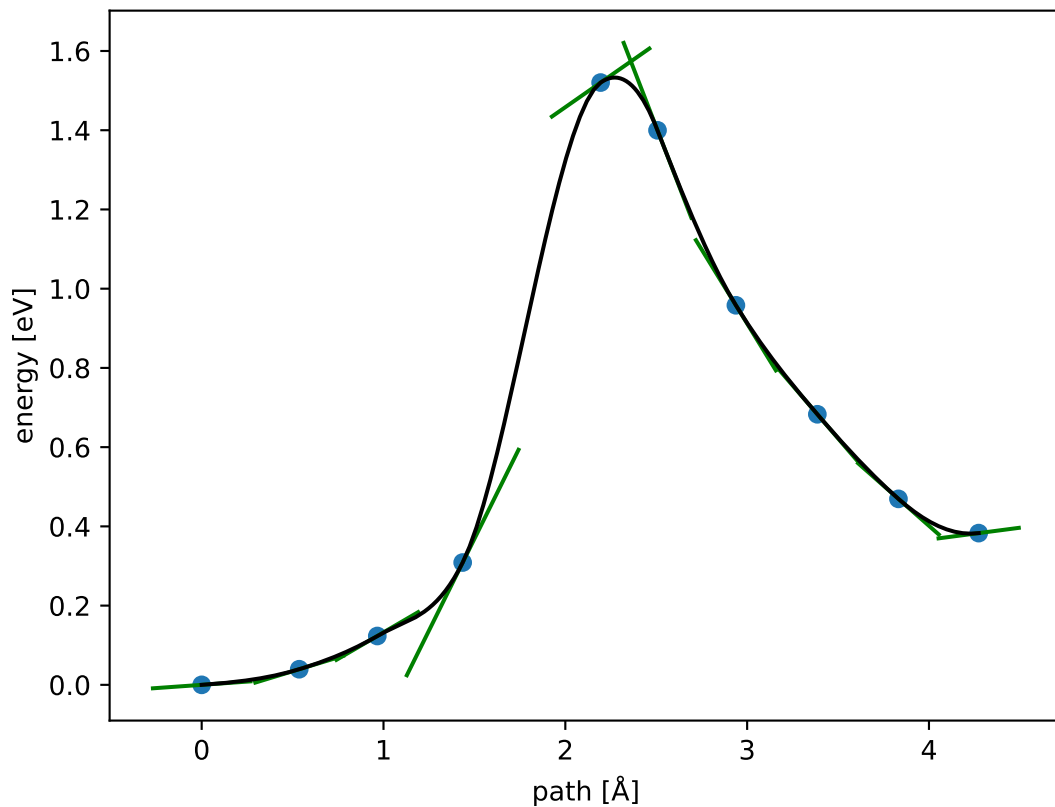
$$E_f \approx 1.534 \text{ eV}; E_r \approx 1.151 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



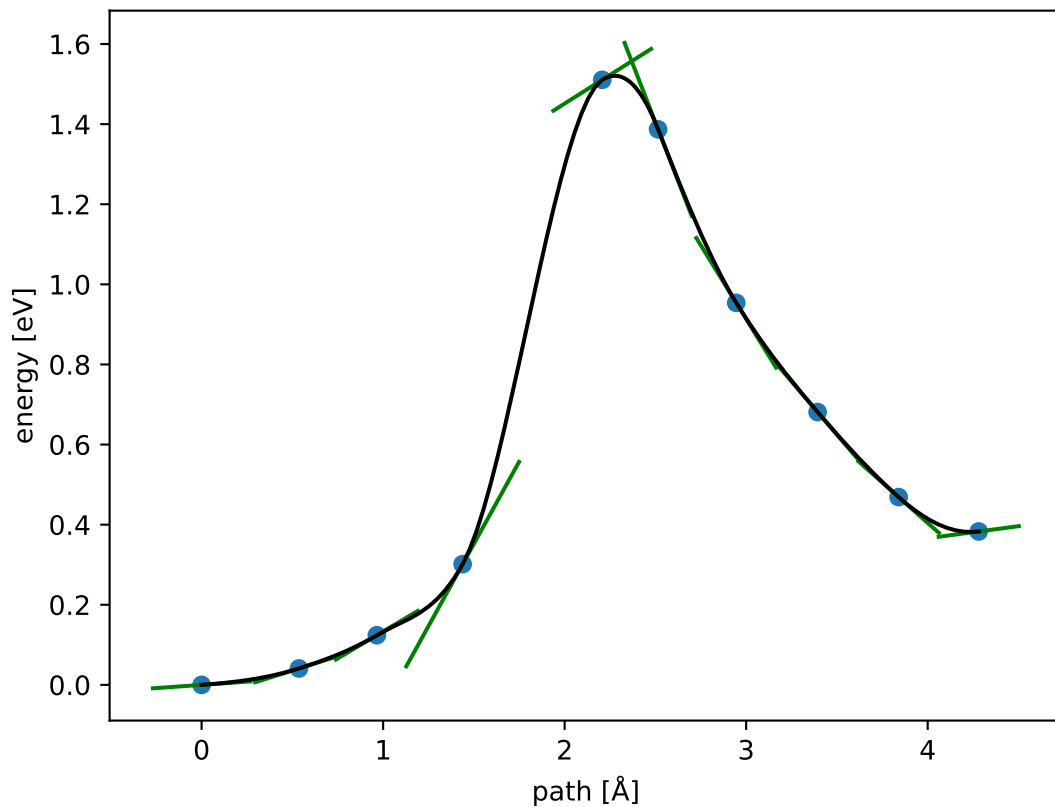
$$E_f \approx 1.528 \text{ eV}; E_r \approx 1.145 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



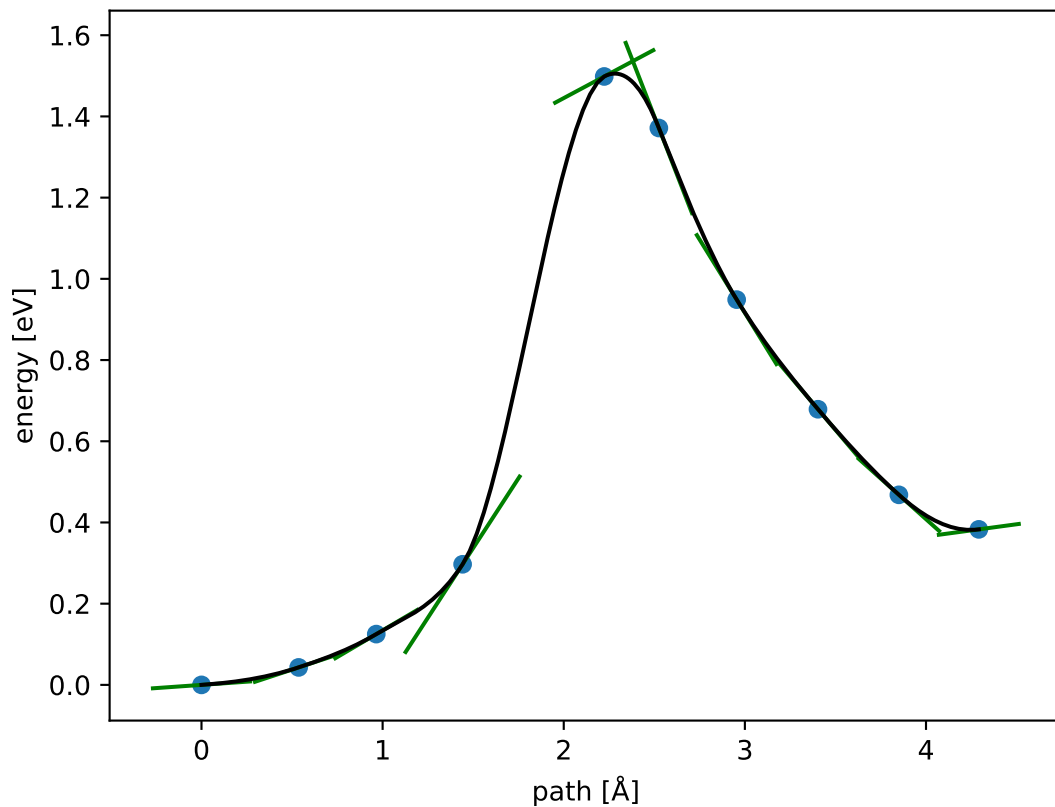
$$E_f \approx 1.520 \text{ eV}; E_r \approx 1.137 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



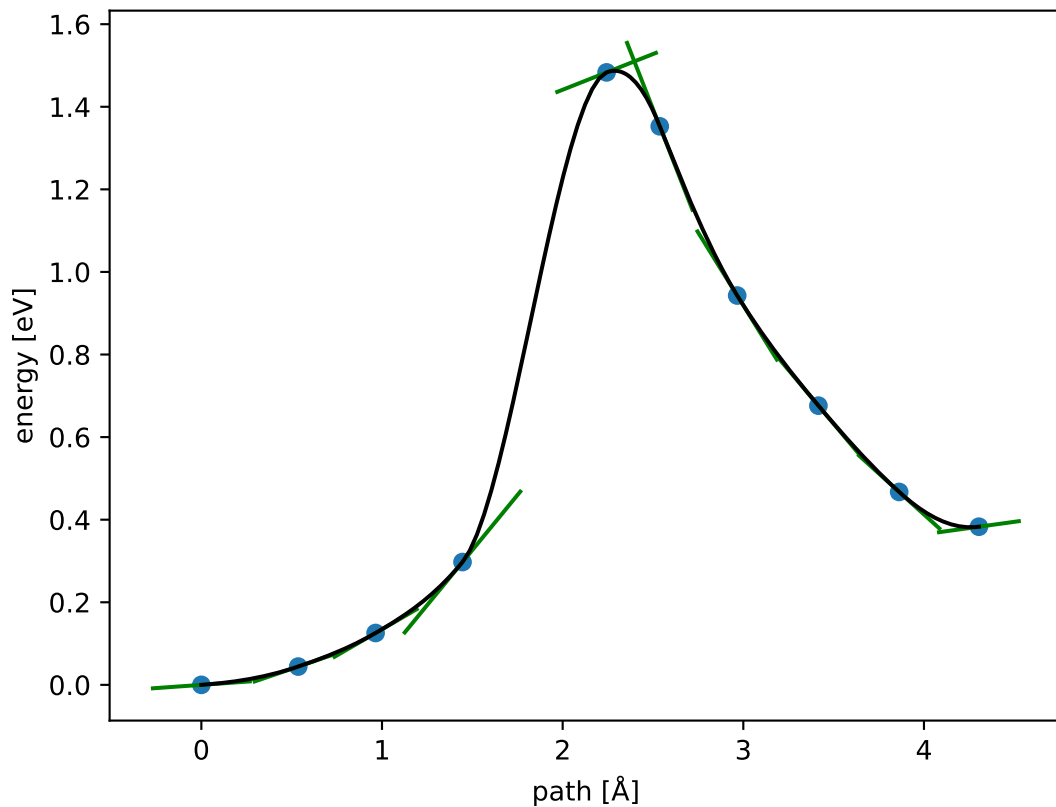
$$E_f \approx 1.511 \text{ eV}; E_r \approx 1.128 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



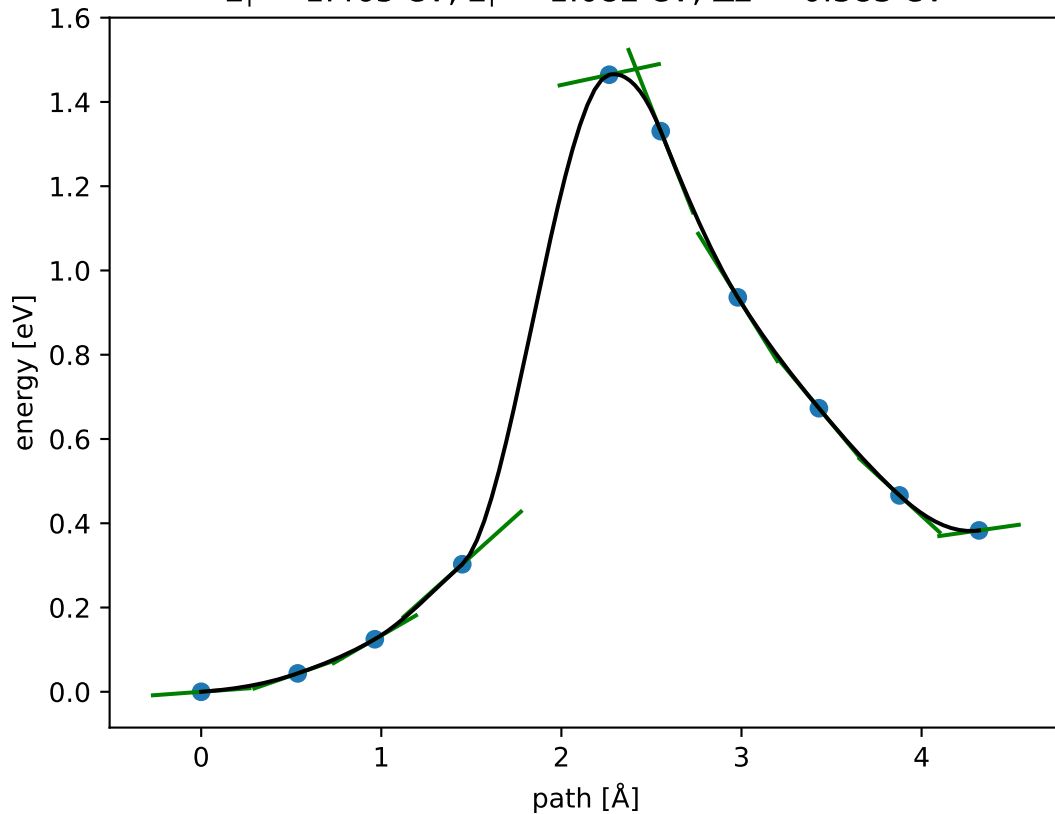
$$E_f \approx 1.498 \text{ eV}; E_r \approx 1.115 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



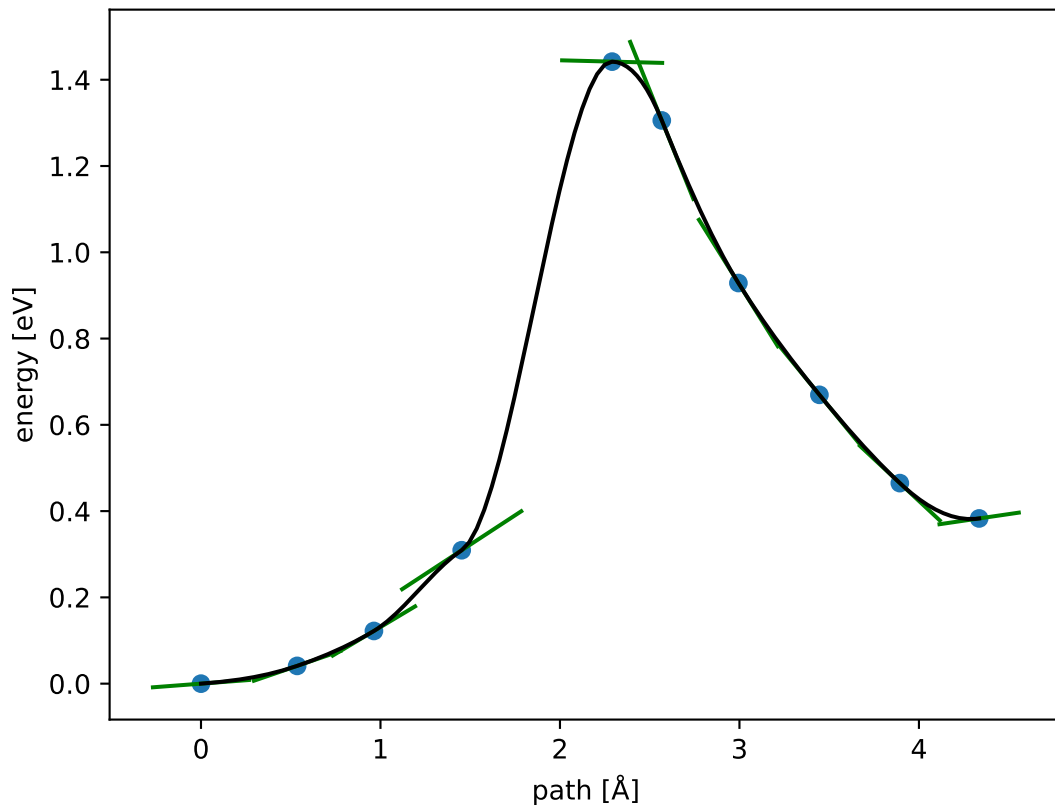
$$E_f \approx 1.483 \text{ eV}; E_r \approx 1.100 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



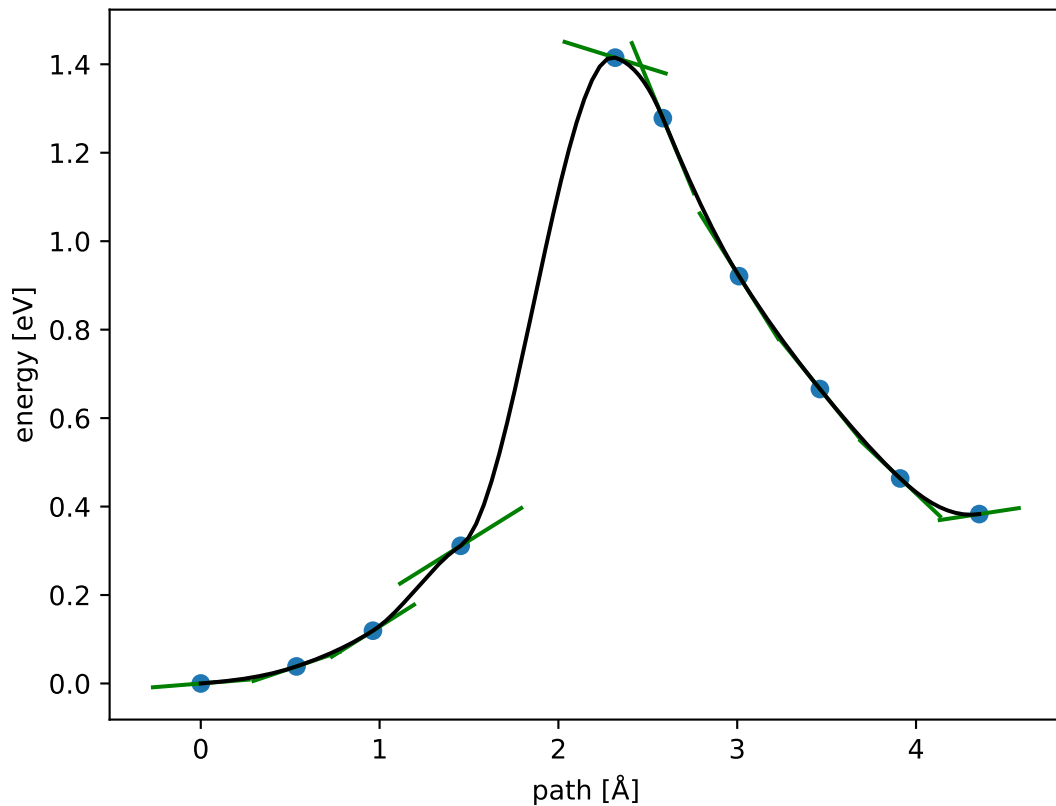
$$E_f \approx 1.465 \text{ eV}; E_r \approx 1.082 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



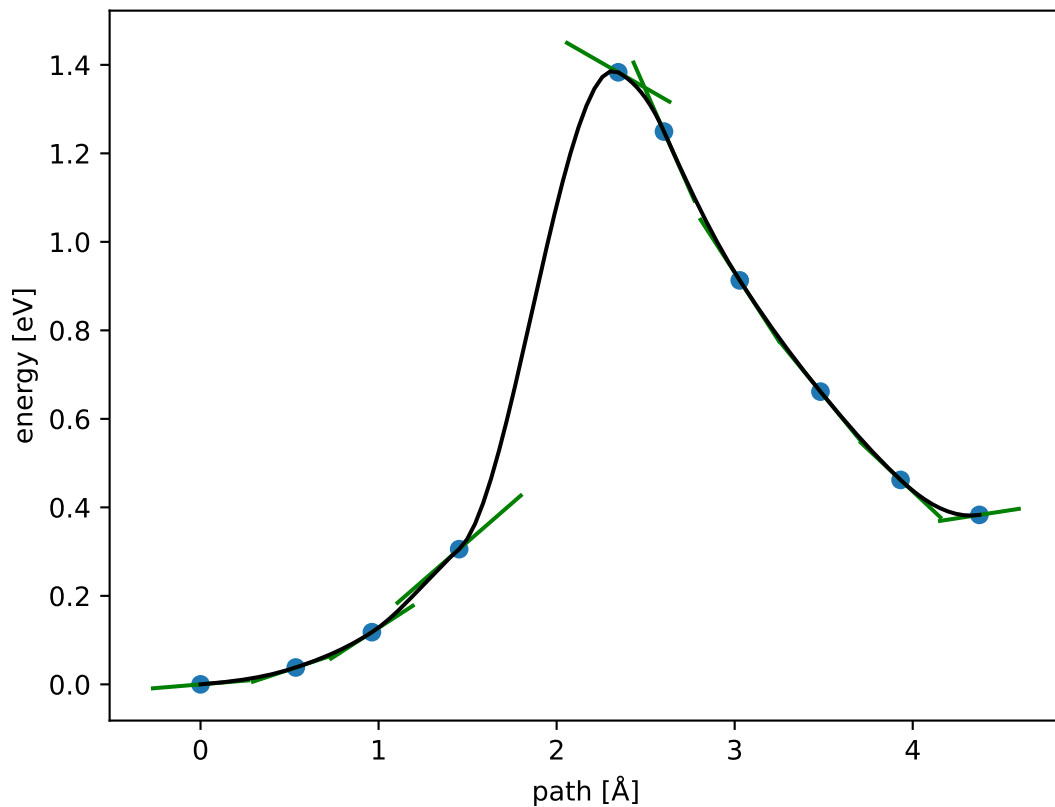
$$E_f \approx 1.442 \text{ eV}; E_r \approx 1.059 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



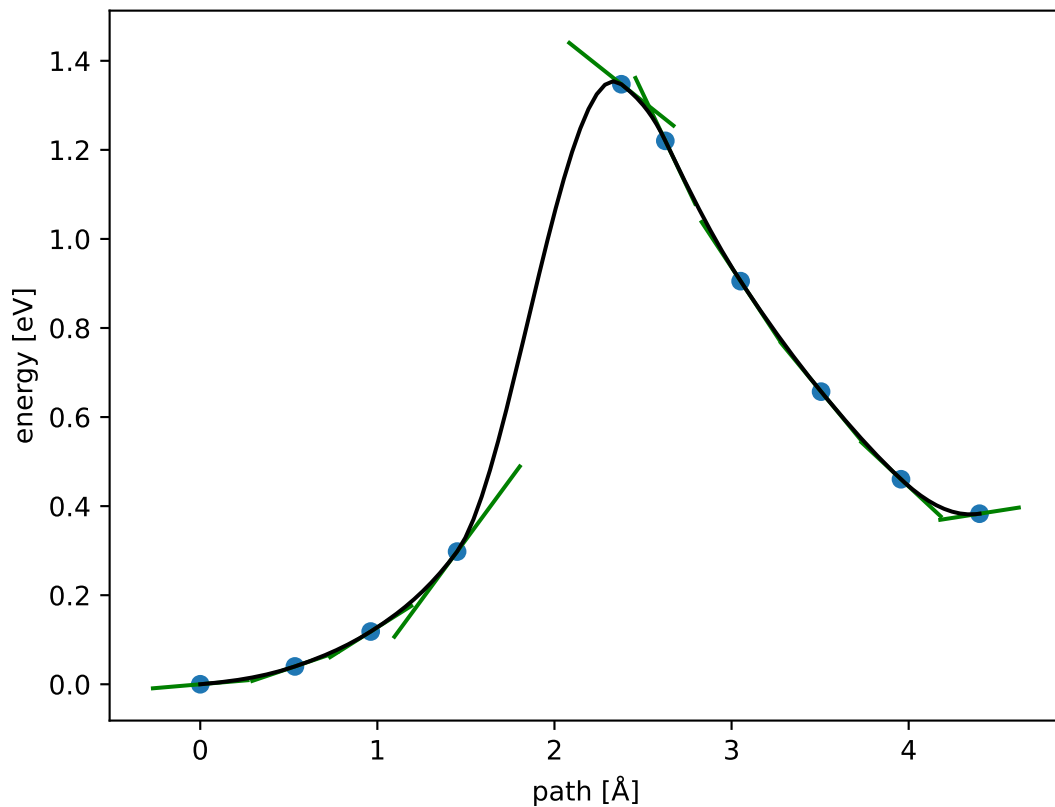
$$E_f \approx 1.415 \text{ eV}; E_r \approx 1.032 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



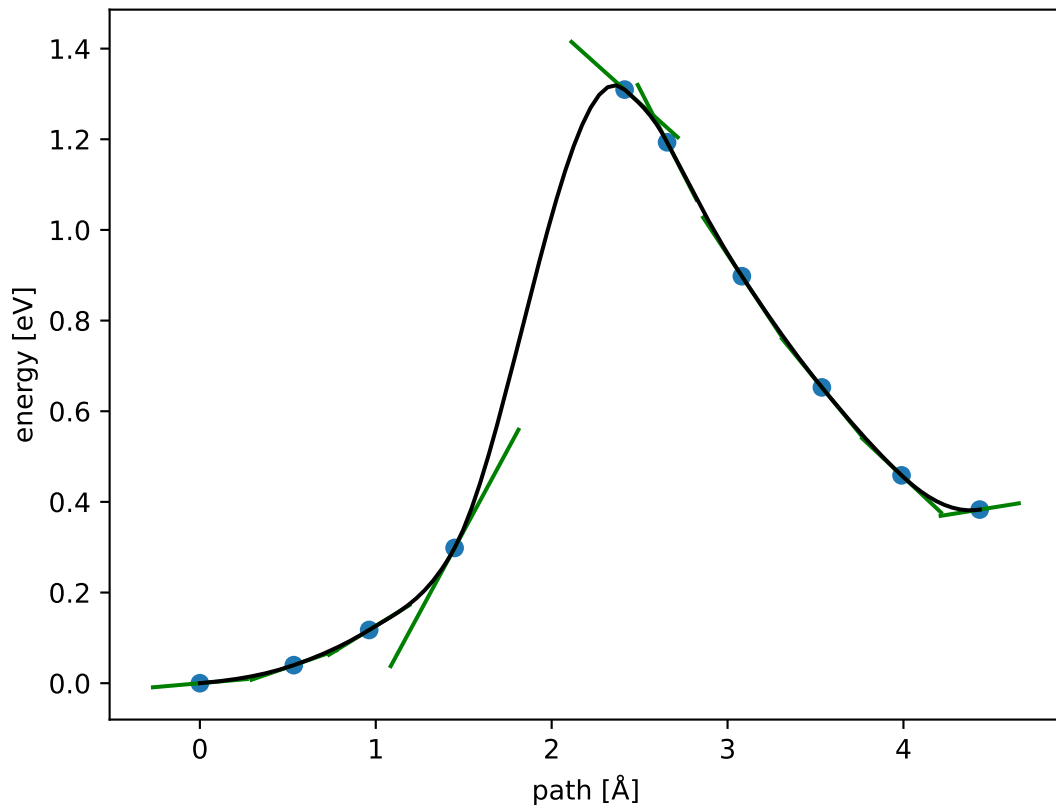
$$E_f \approx 1.383 \text{ eV}; E_r \approx 1.000 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



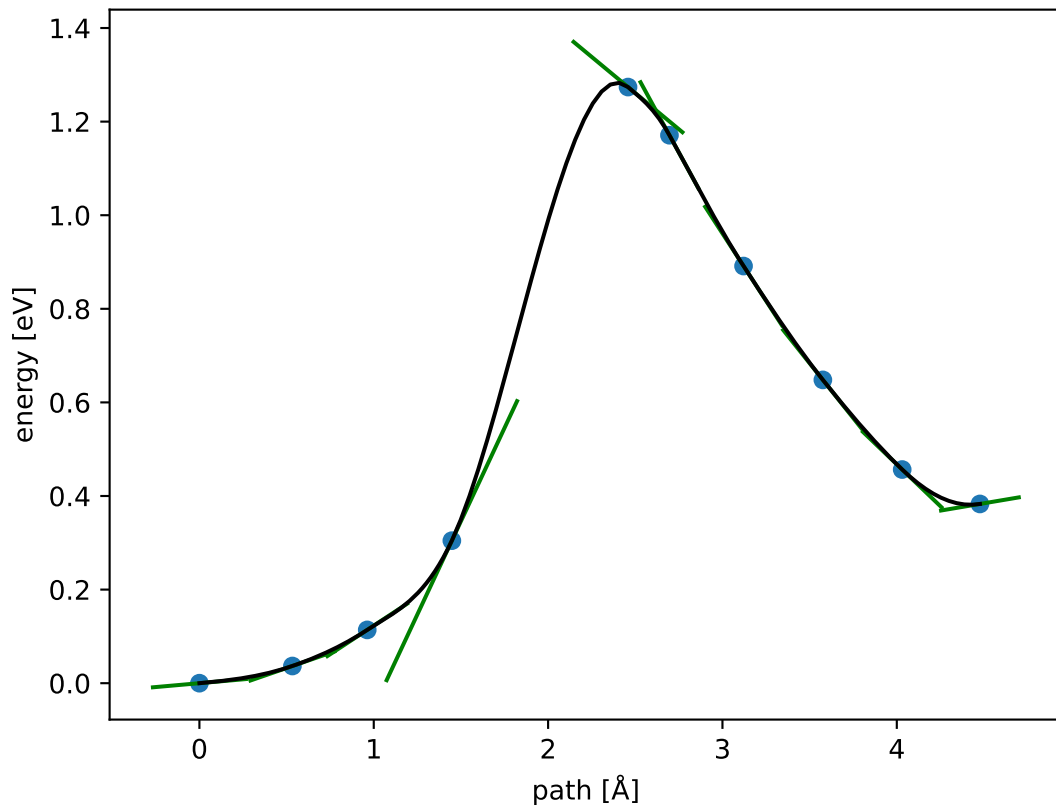
$$E_f \approx 1.347 \text{ eV}; E_r \approx 0.964 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



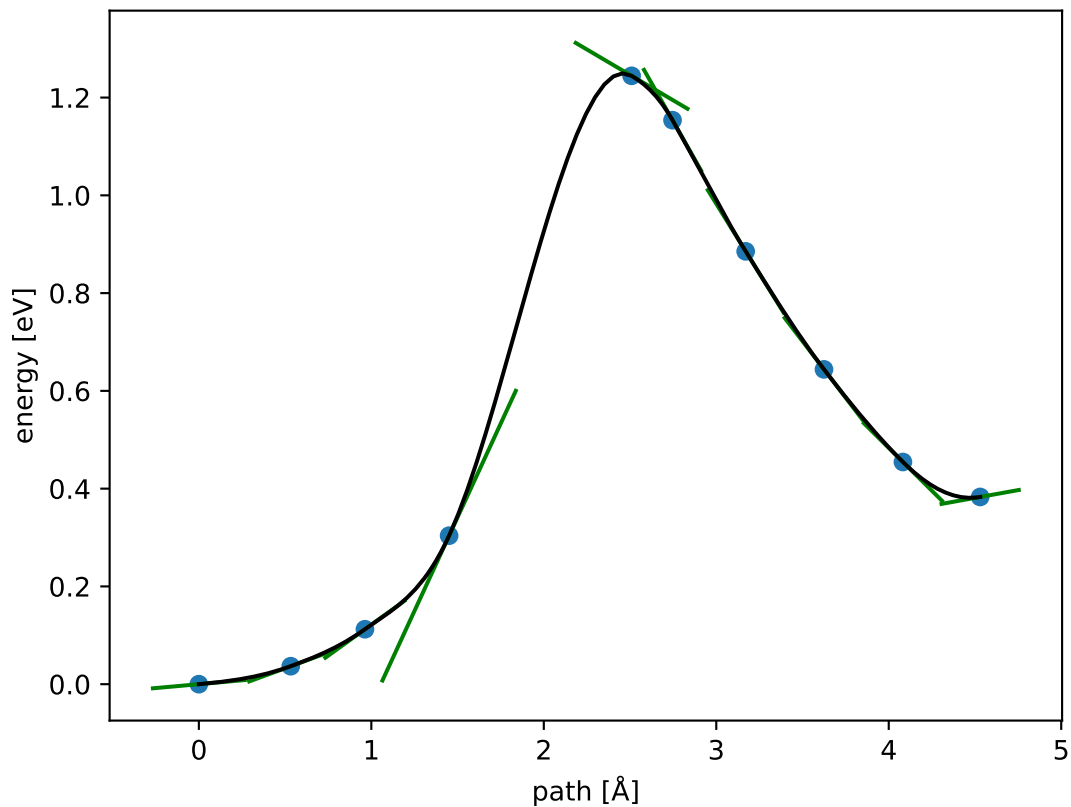
$$E_f \approx 1.310 \text{ eV}; E_r \approx 0.927 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



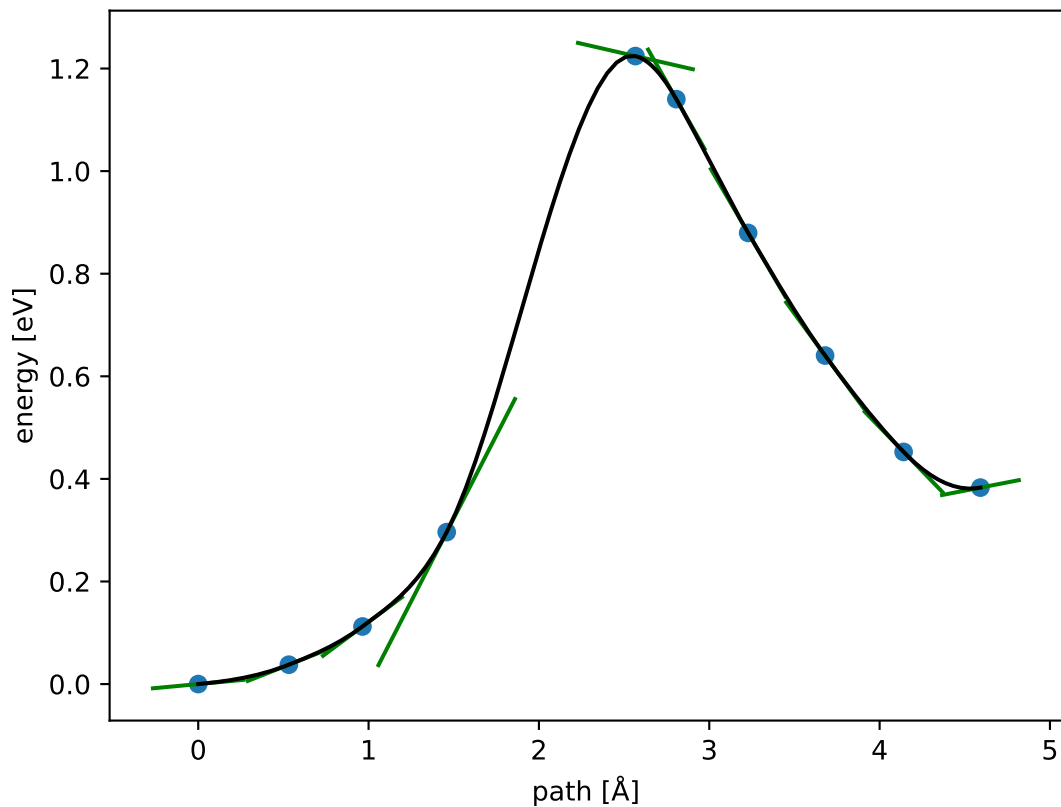
$$E_f \approx 1.274 \text{ eV}; E_r \approx 0.891 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



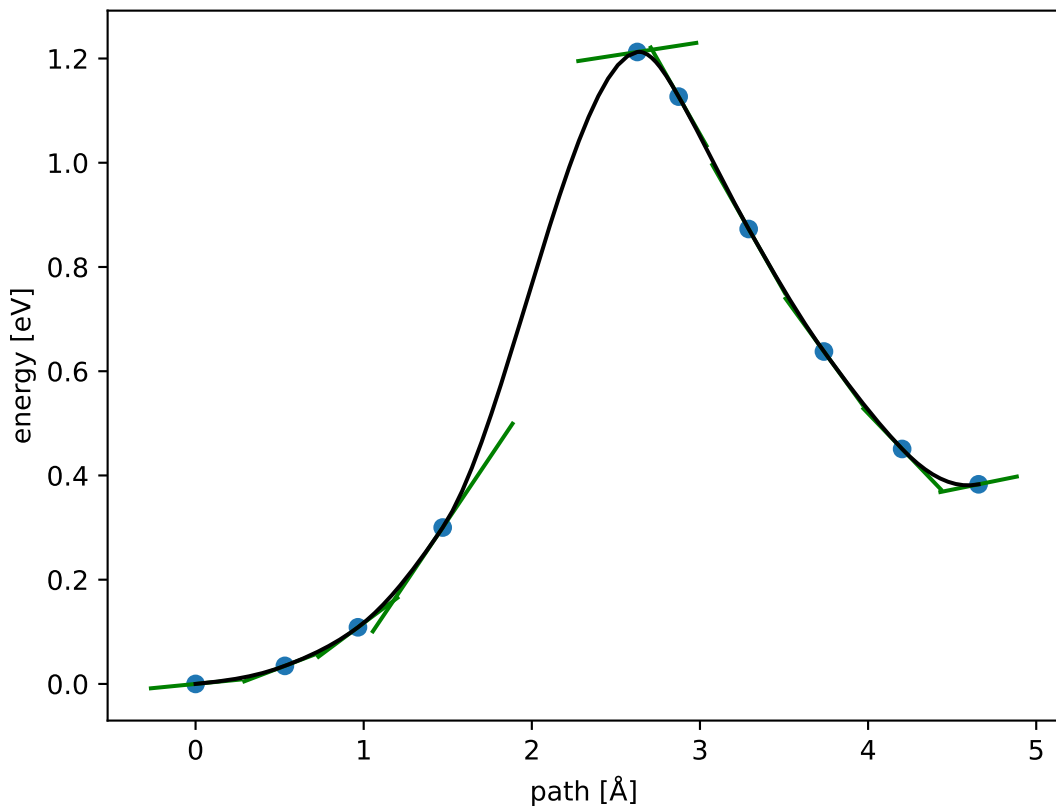
$$E_f \approx 1.244 \text{ eV}; E_r \approx 0.861 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



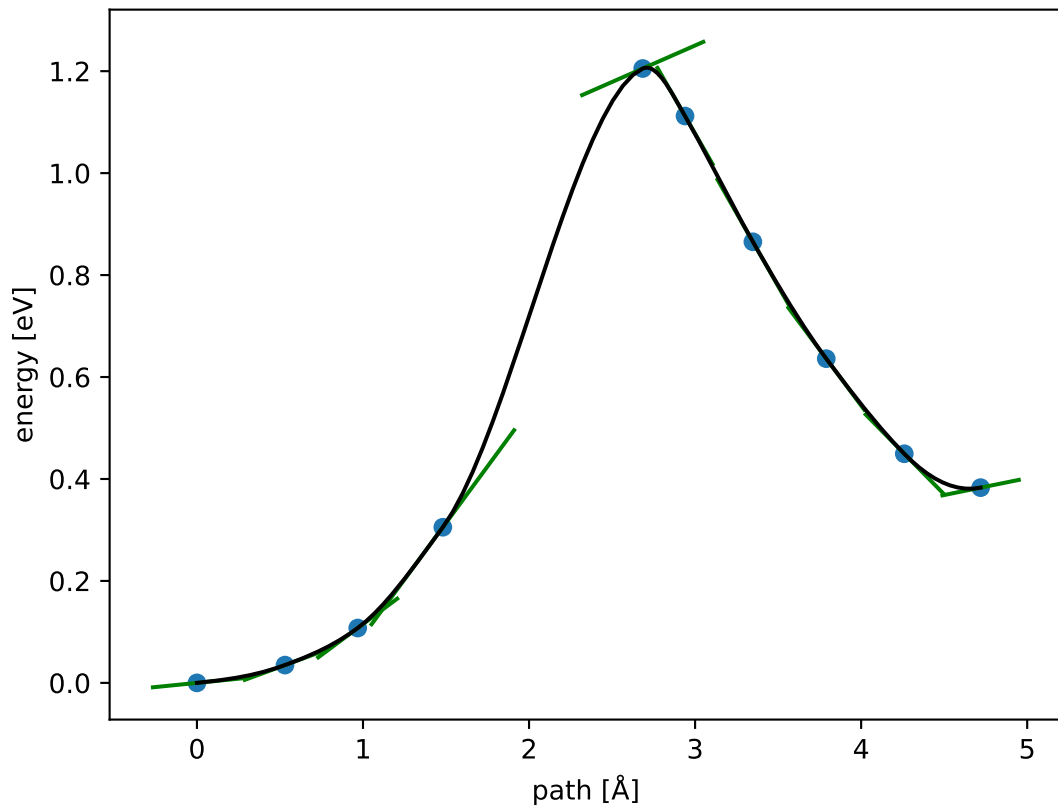
$$E_f \approx 1.224 \text{ eV}; E_r \approx 0.841 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



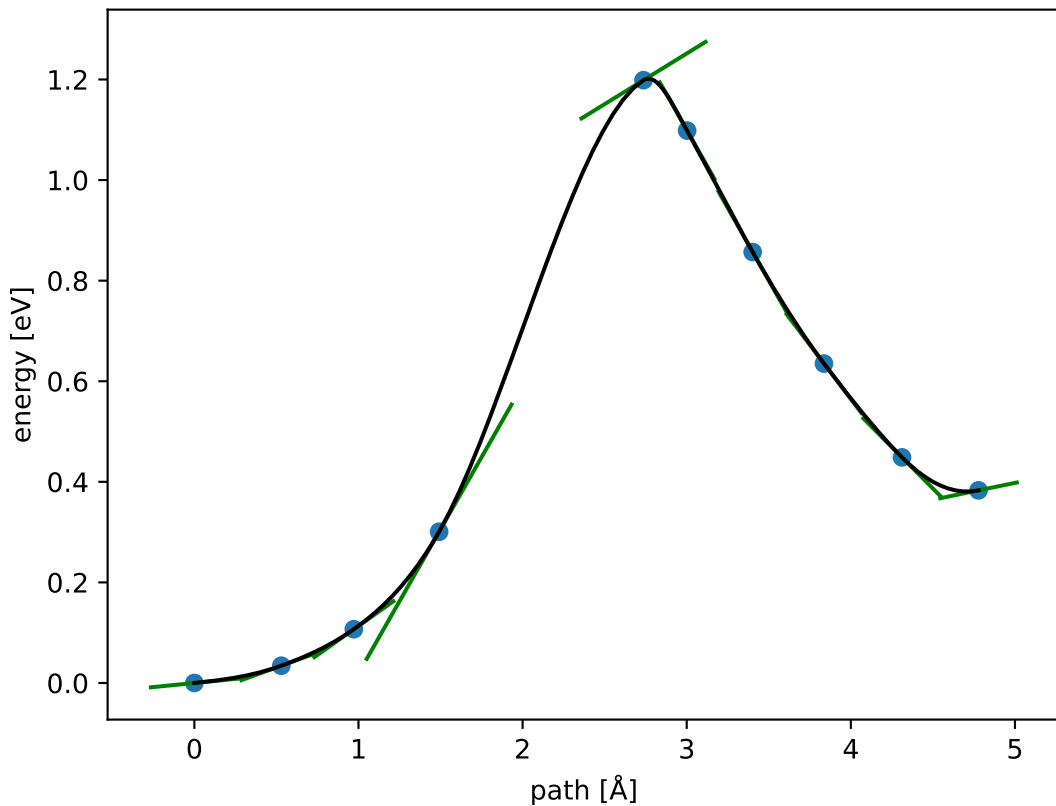
$$E_f \approx 1.213 \text{ eV}; E_r \approx 0.830 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



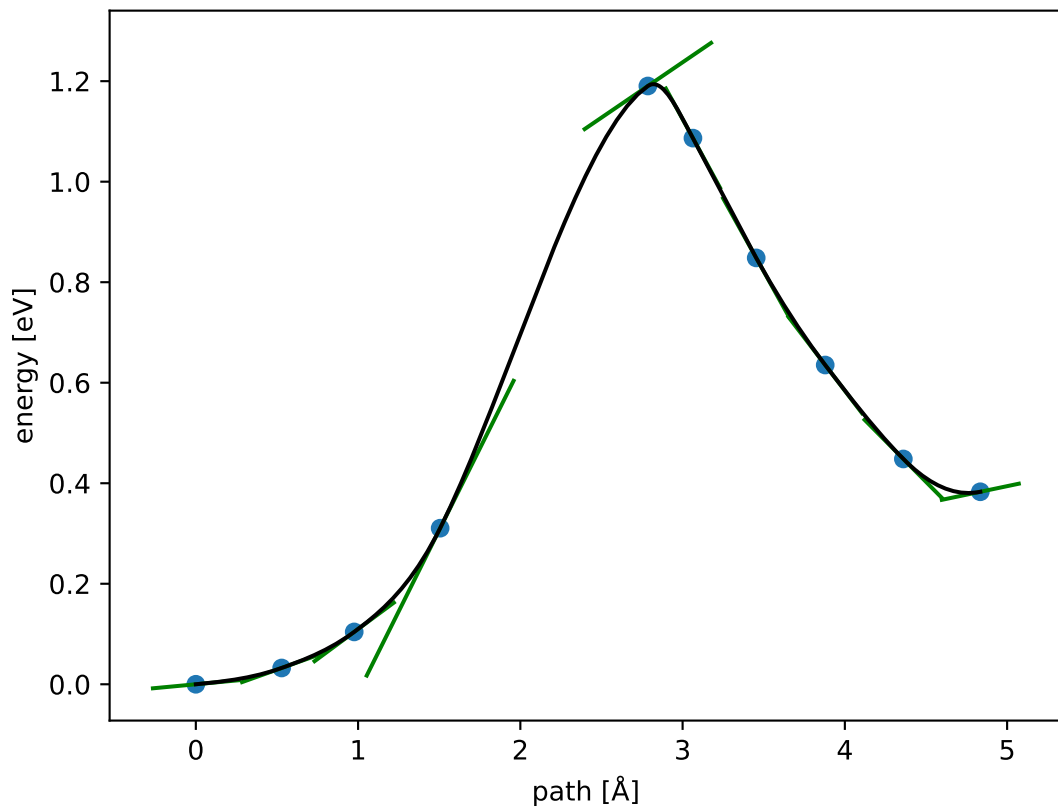
$$E_f \approx 1.205 \text{ eV}; E_r \approx 0.822 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



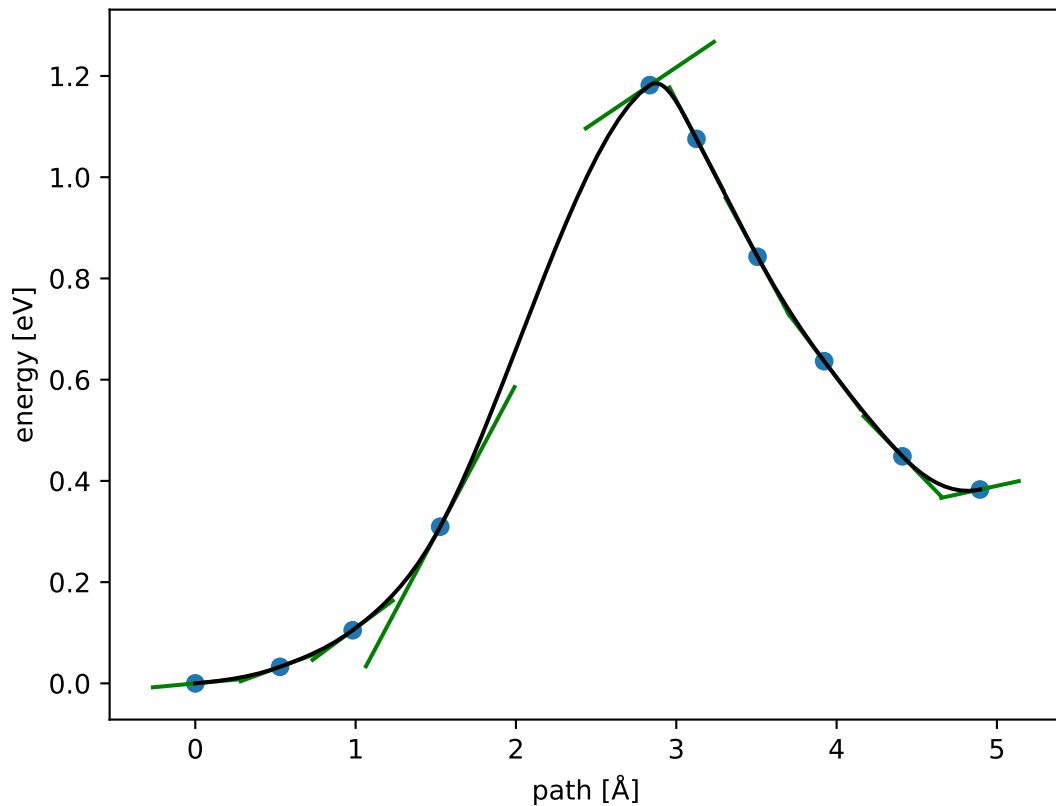
$$E_f \approx 1.199 \text{ eV}; E_r \approx 0.816 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



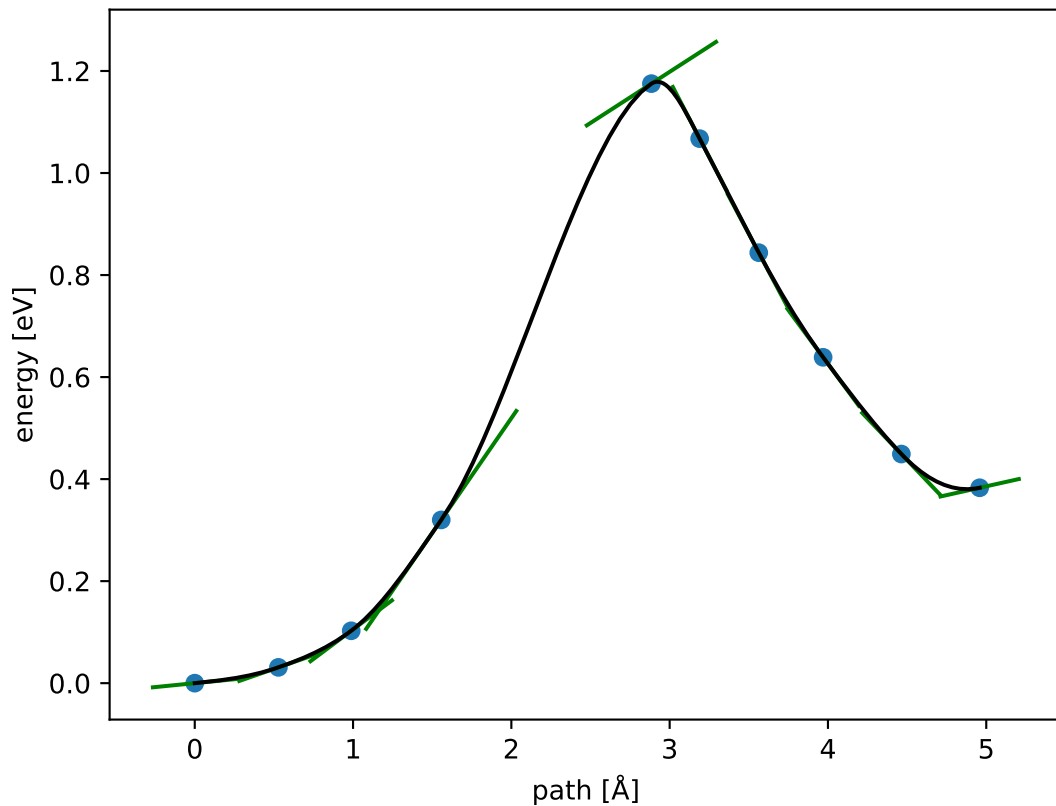
$$E_f \approx 1.190 \text{ eV}; E_r \approx 0.807 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



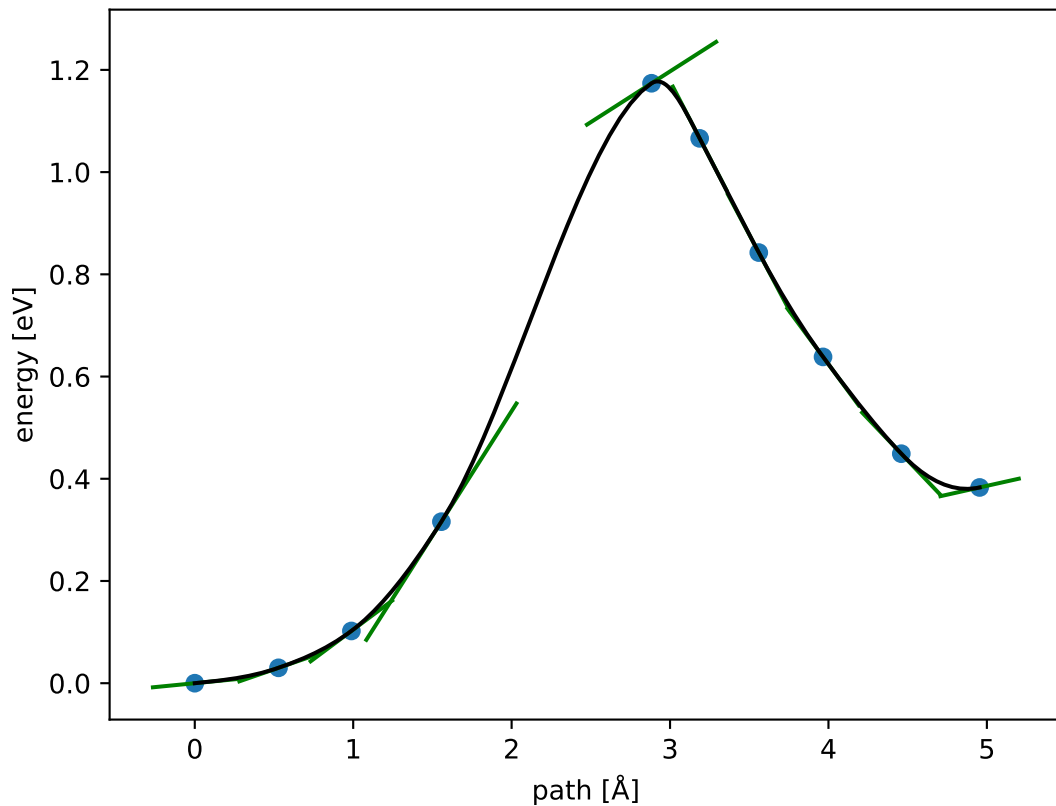
$$E_f \approx 1.182 \text{ eV}; E_r \approx 0.799 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



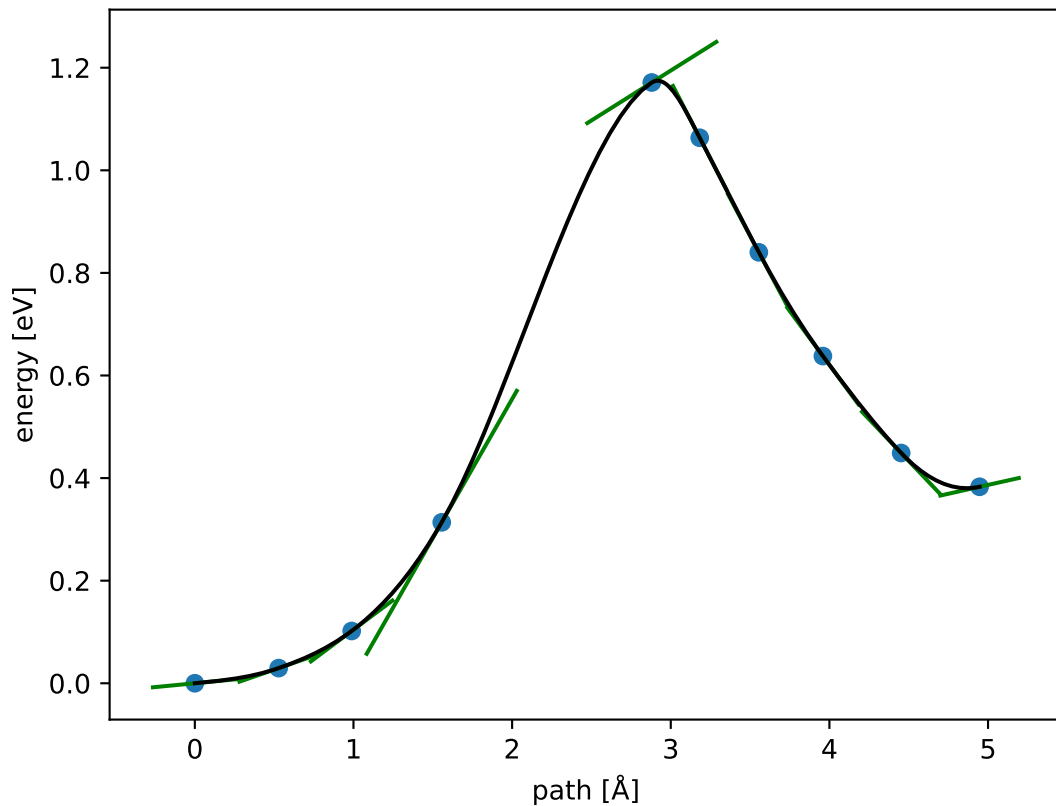
$$E_f \approx 1.175 \text{ eV}; E_r \approx 0.792 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



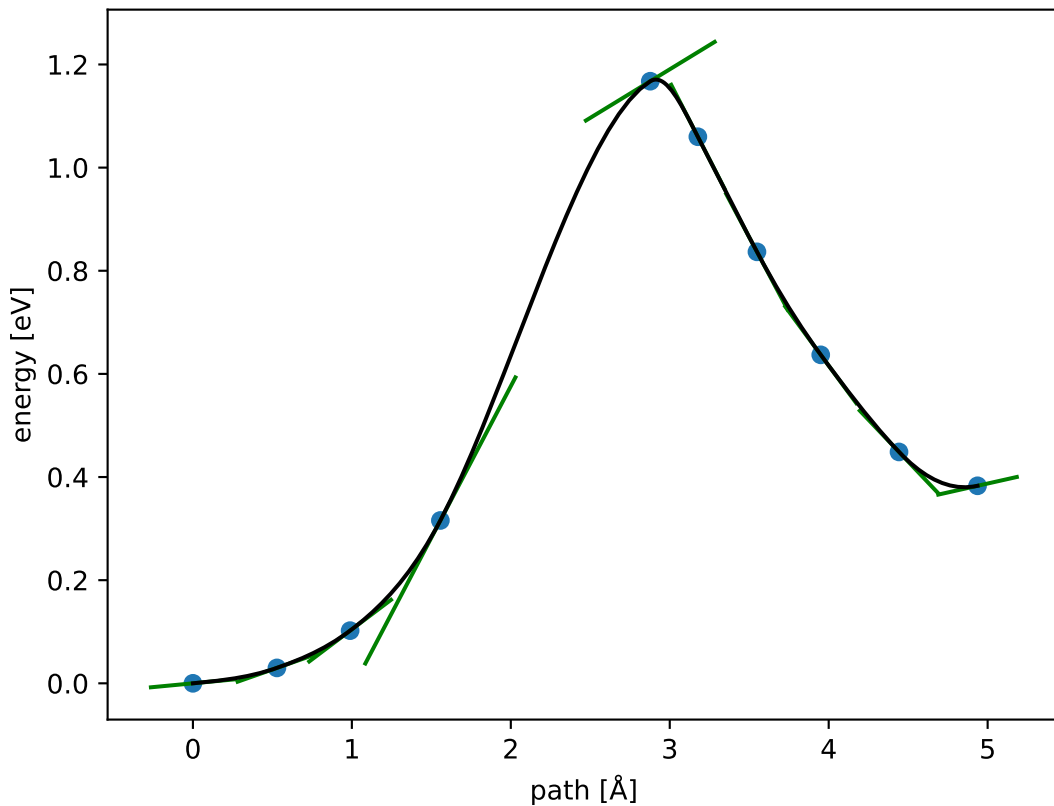
$$E_f \approx 1.174 \text{ eV}; E_r \approx 0.791 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



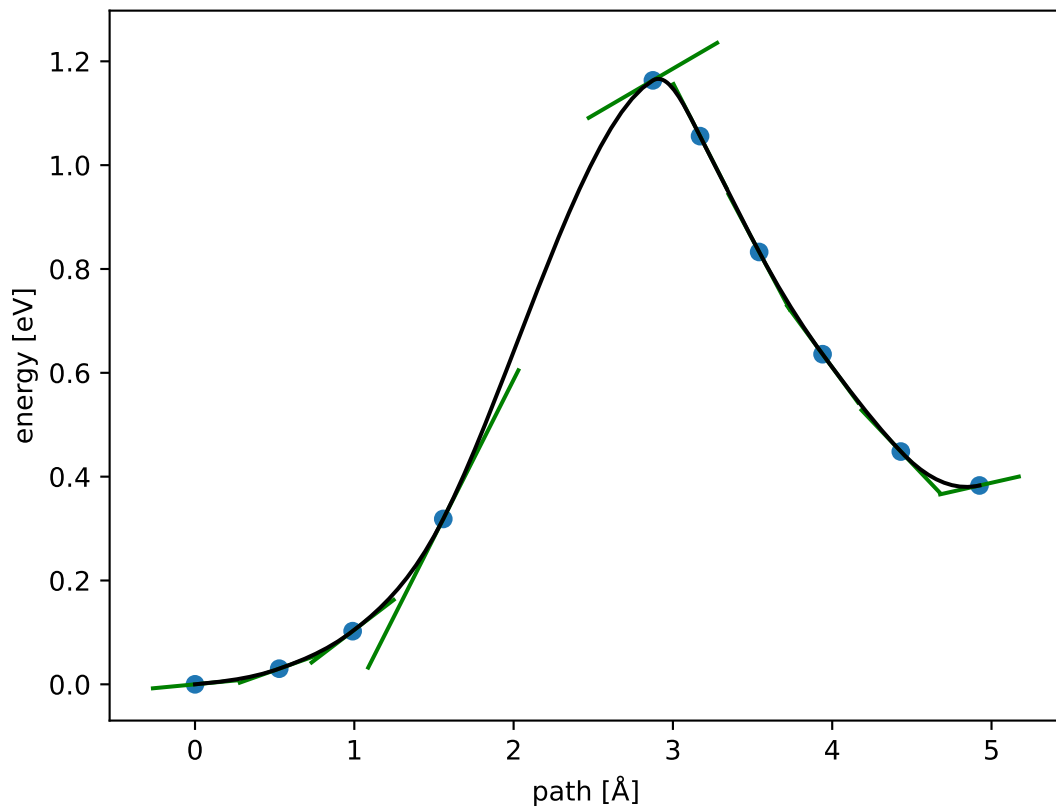
$$E_f \approx 1.171 \text{ eV}; E_r \approx 0.788 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



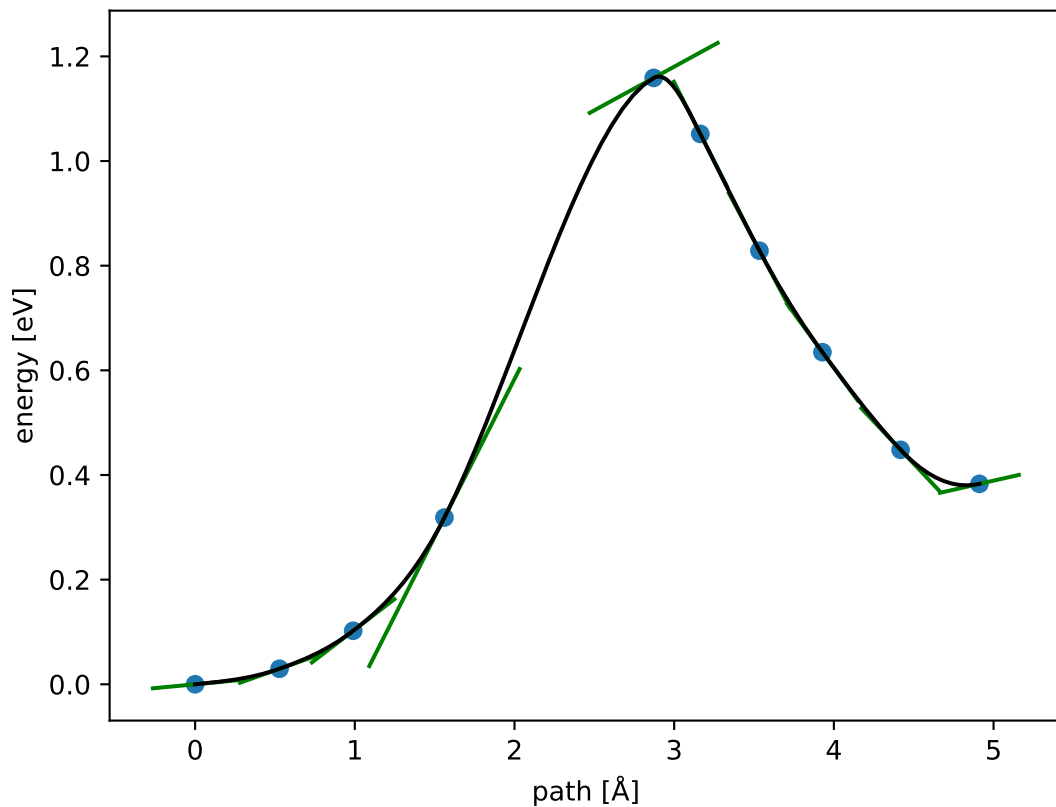
$$E_f \approx 1.168 \text{ eV}; E_r \approx 0.785 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



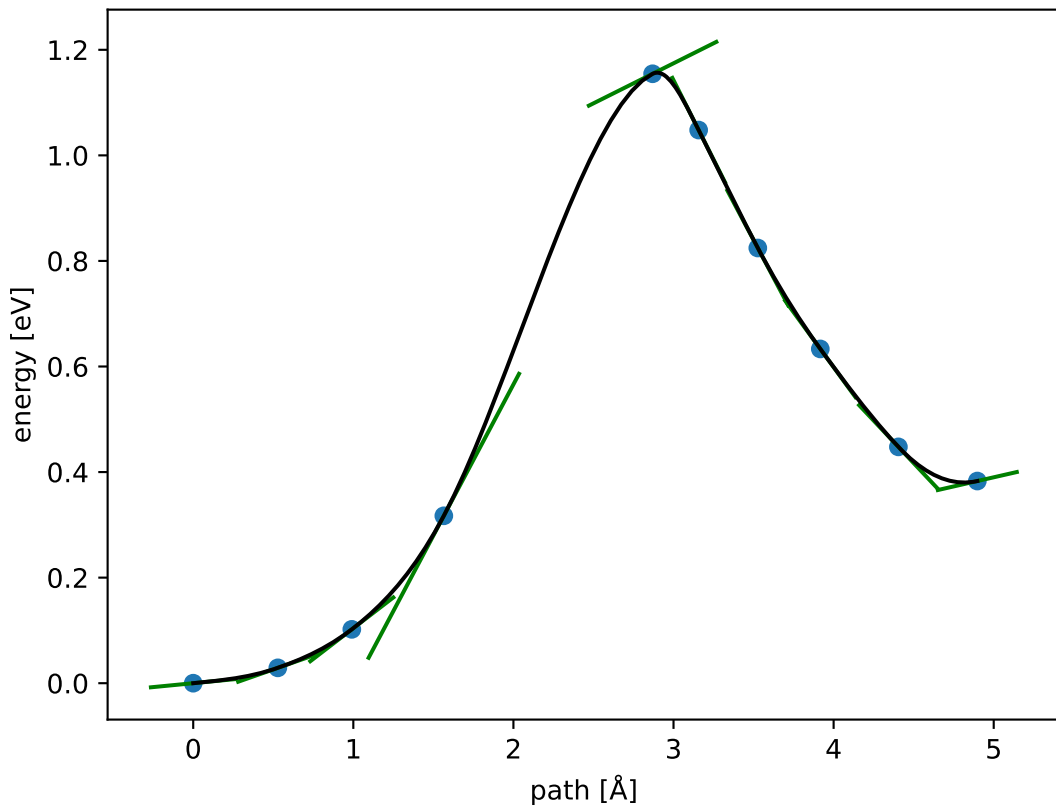
$$E_f \approx 1.163 \text{ eV}; E_r \approx 0.780 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



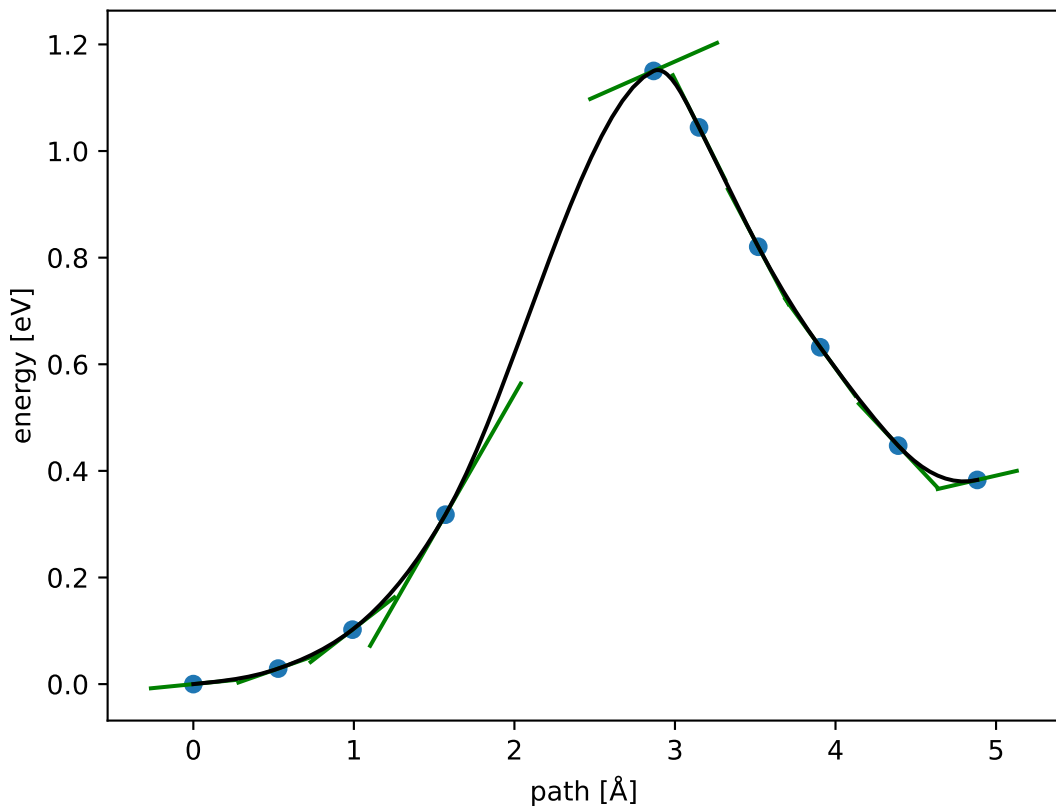
$$E_f \approx 1.159 \text{ eV}; E_r \approx 0.776 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



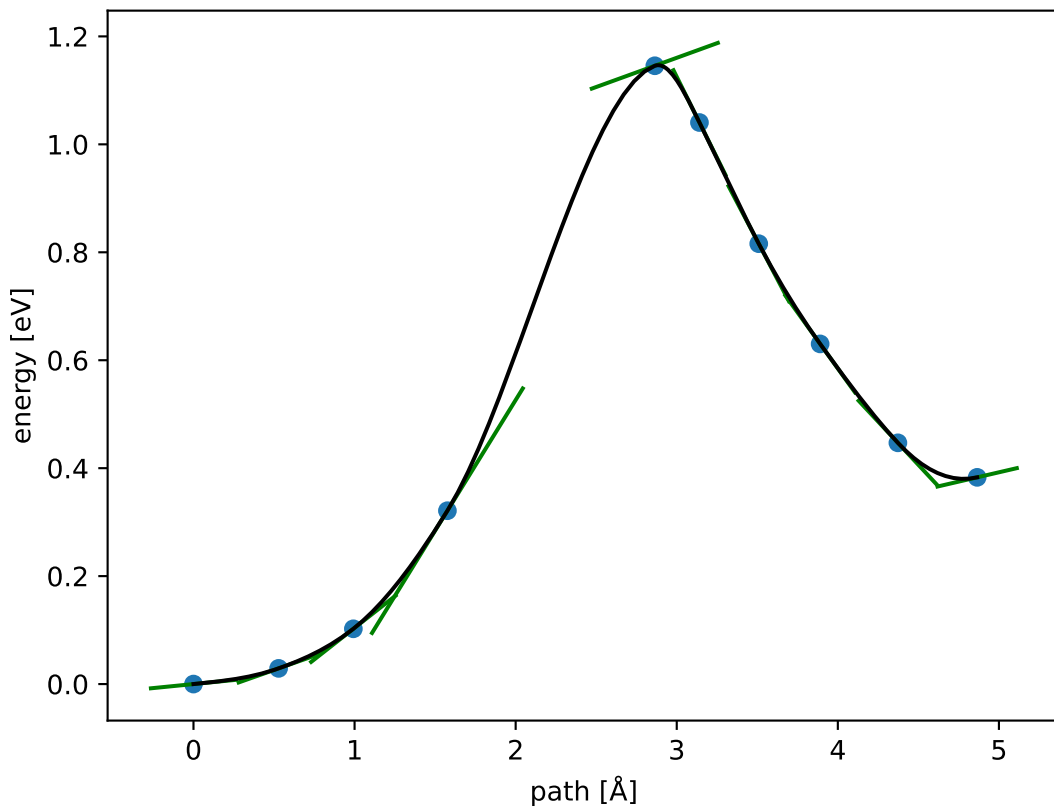
$$E_f \approx 1.155 \text{ eV}; E_r \approx 0.772 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



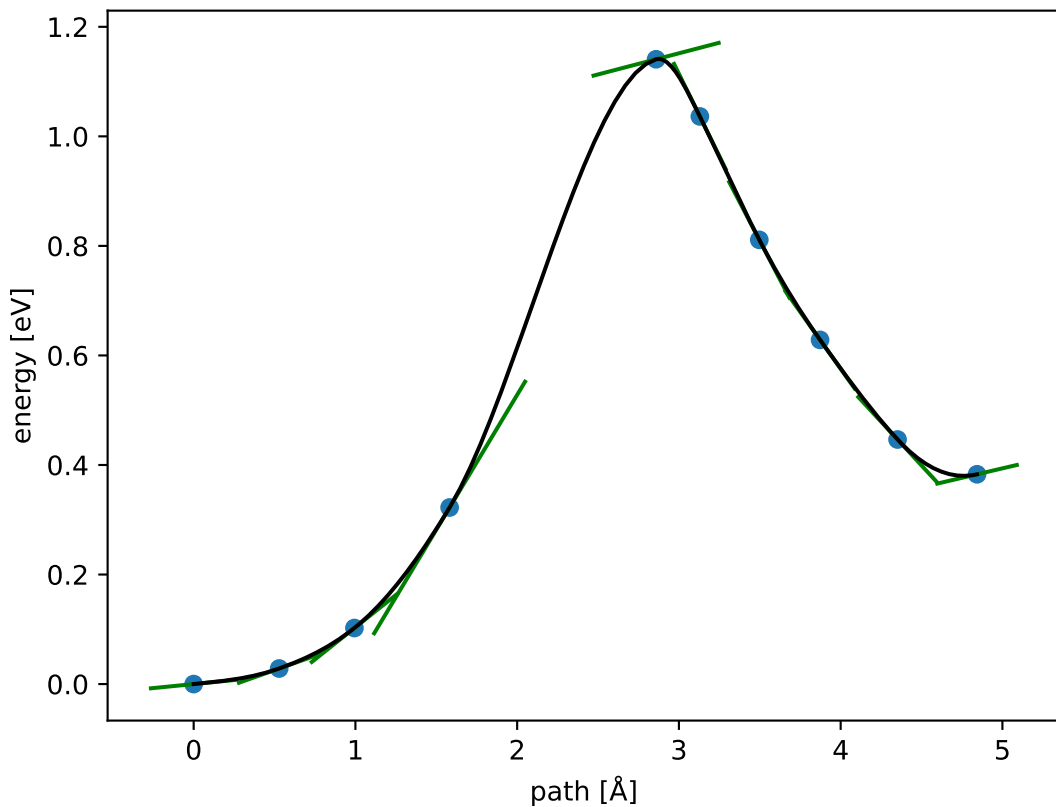
$$E_f \approx 1.150 \text{ eV}; E_r \approx 0.767 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



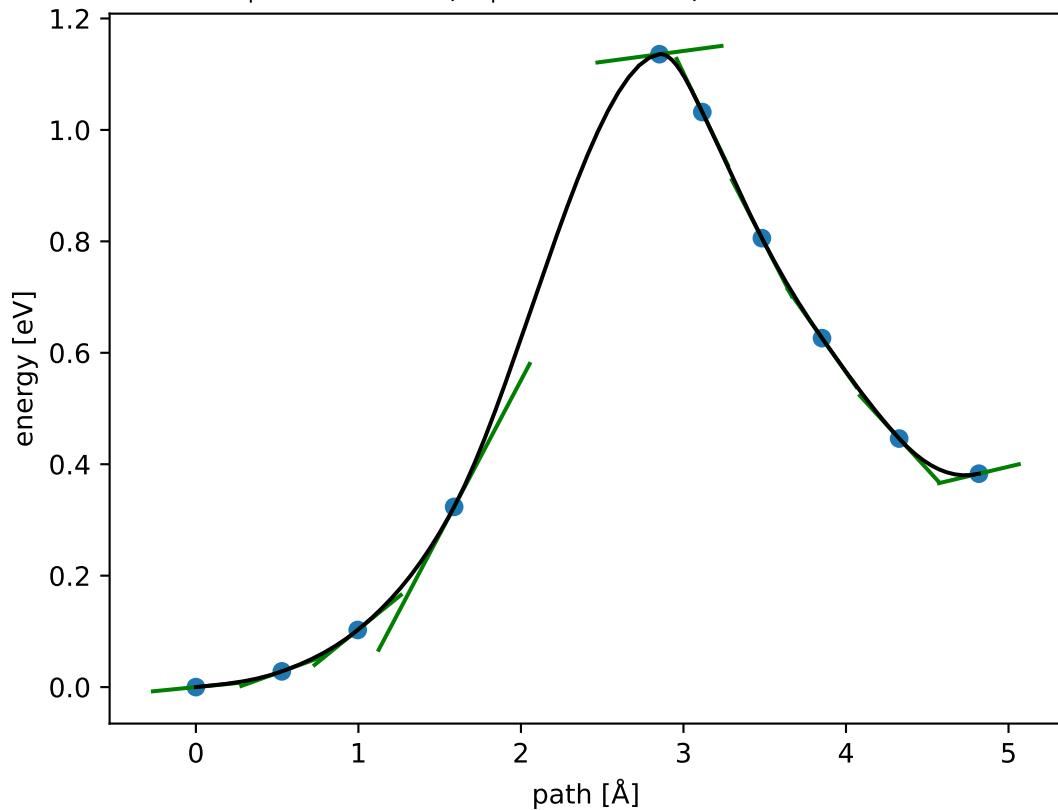
$$E_f \approx 1.146 \text{ eV}; E_r \approx 0.763 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



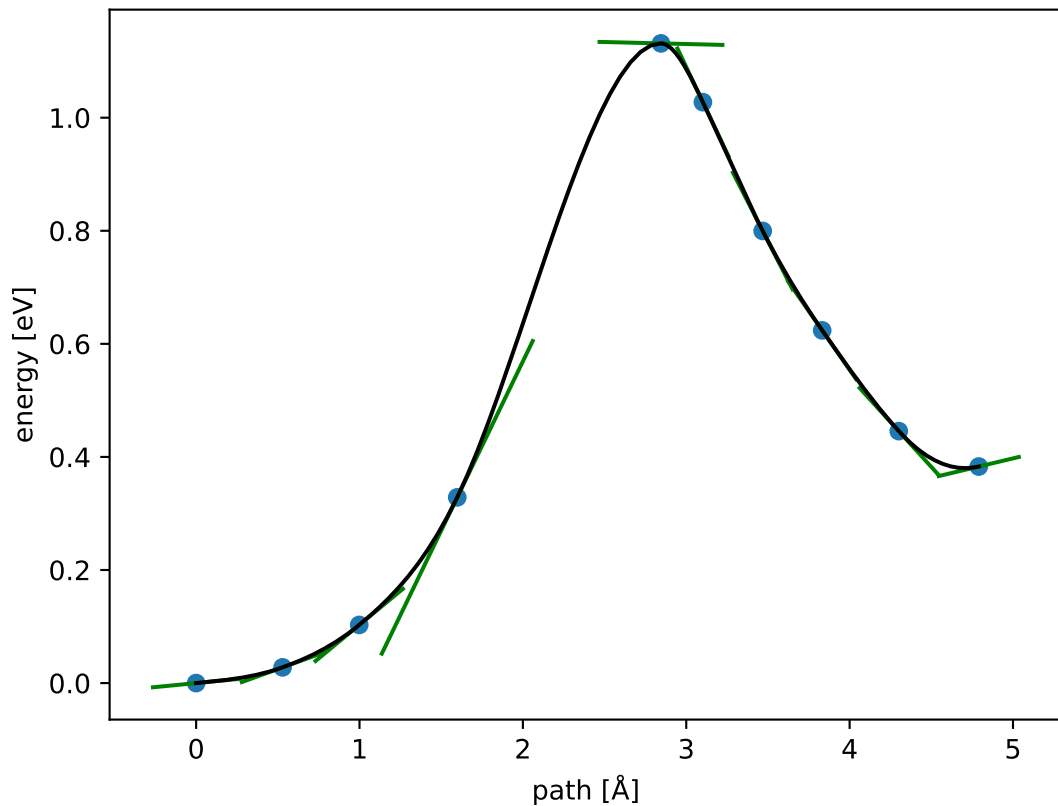
$$E_f \approx 1.141 \text{ eV}; E_r \approx 0.758 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



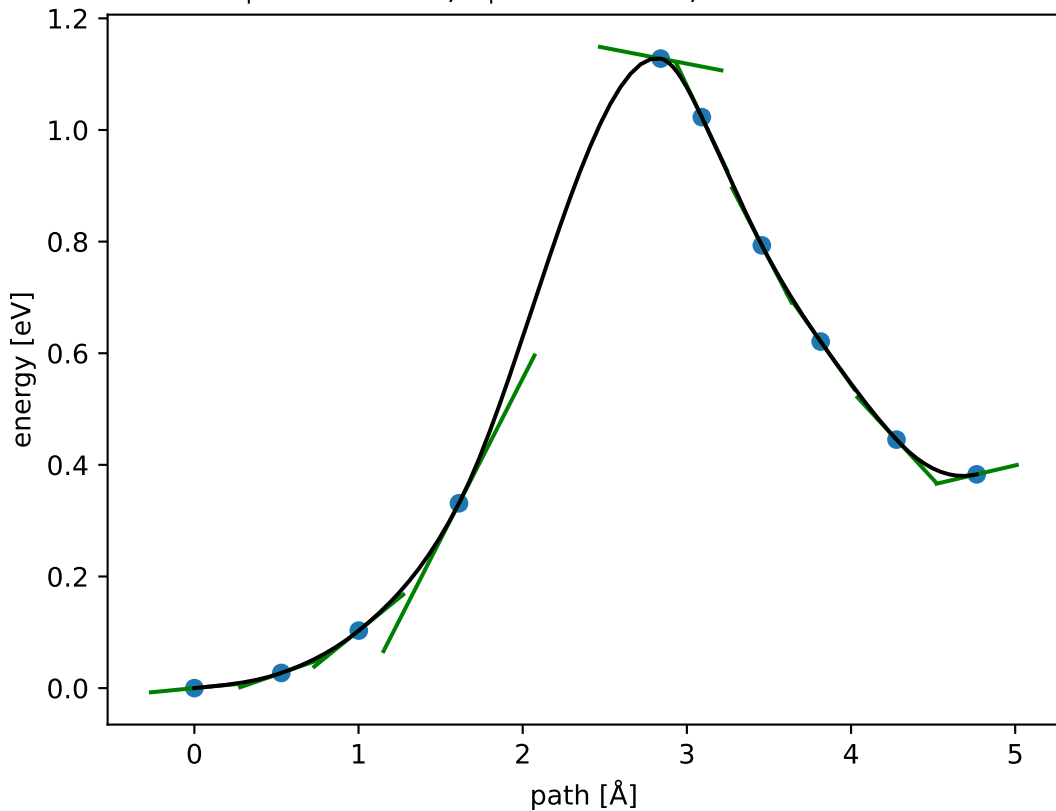
$$E_f \approx 1.136 \text{ eV}; E_r \approx 0.753 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



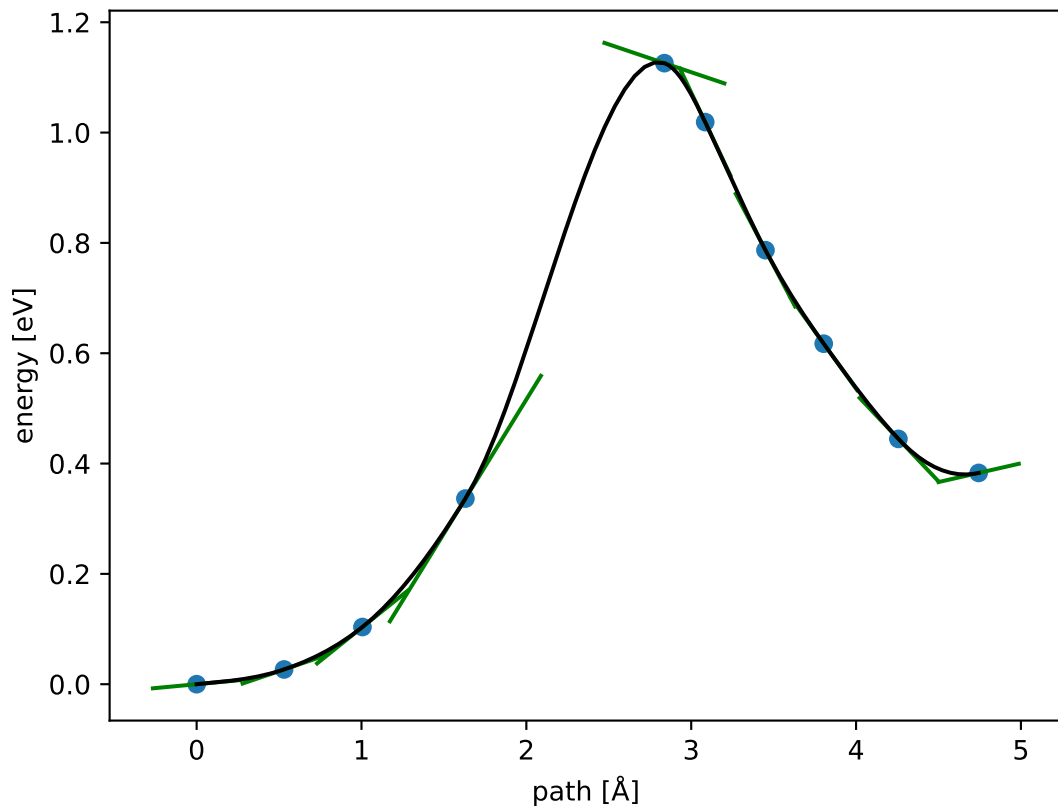
$$E_f \approx 1.131 \text{ eV}; E_r \approx 0.748 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



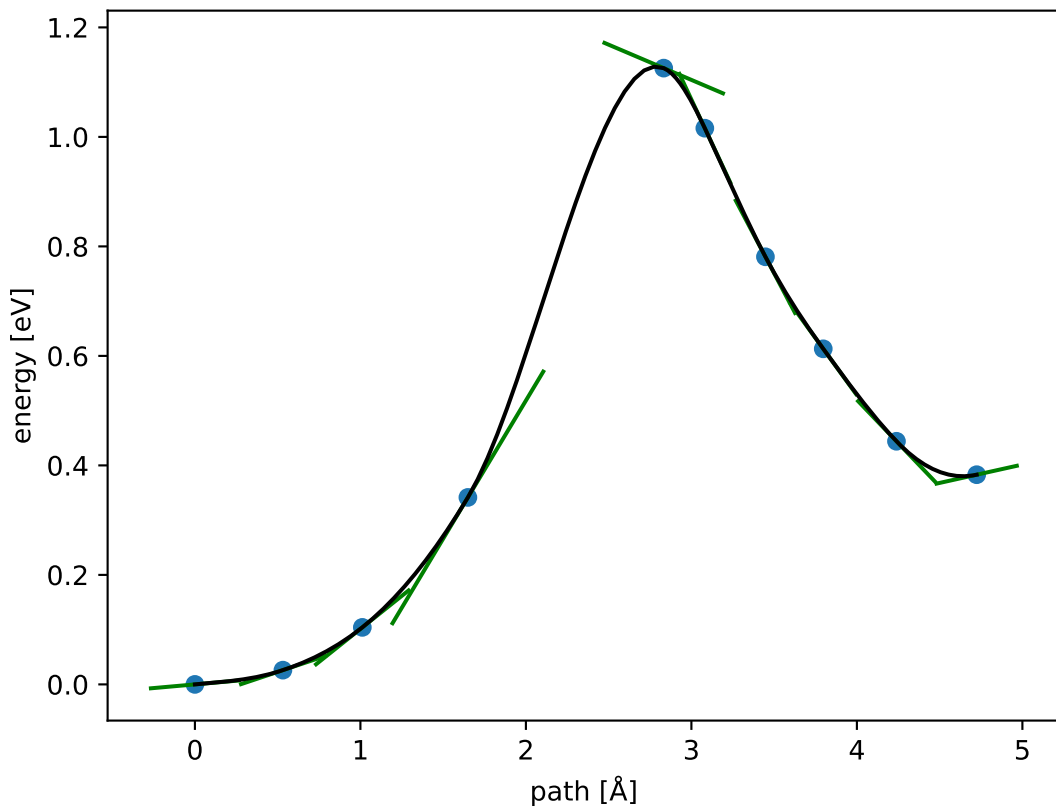
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



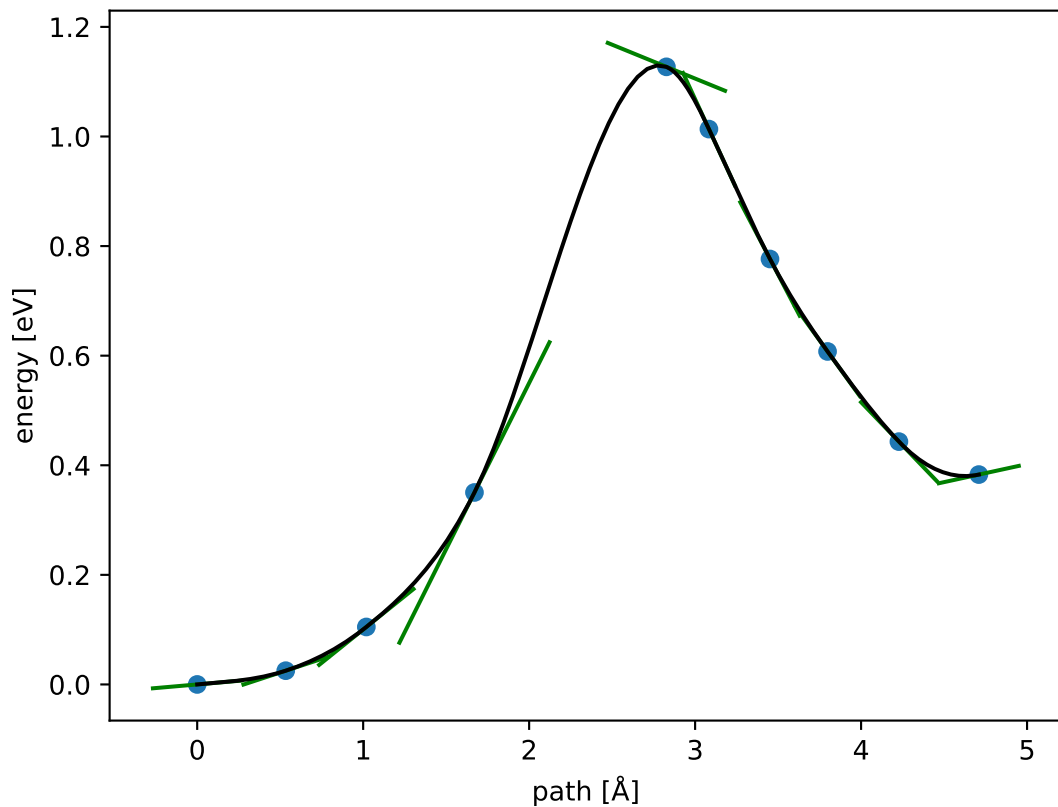
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



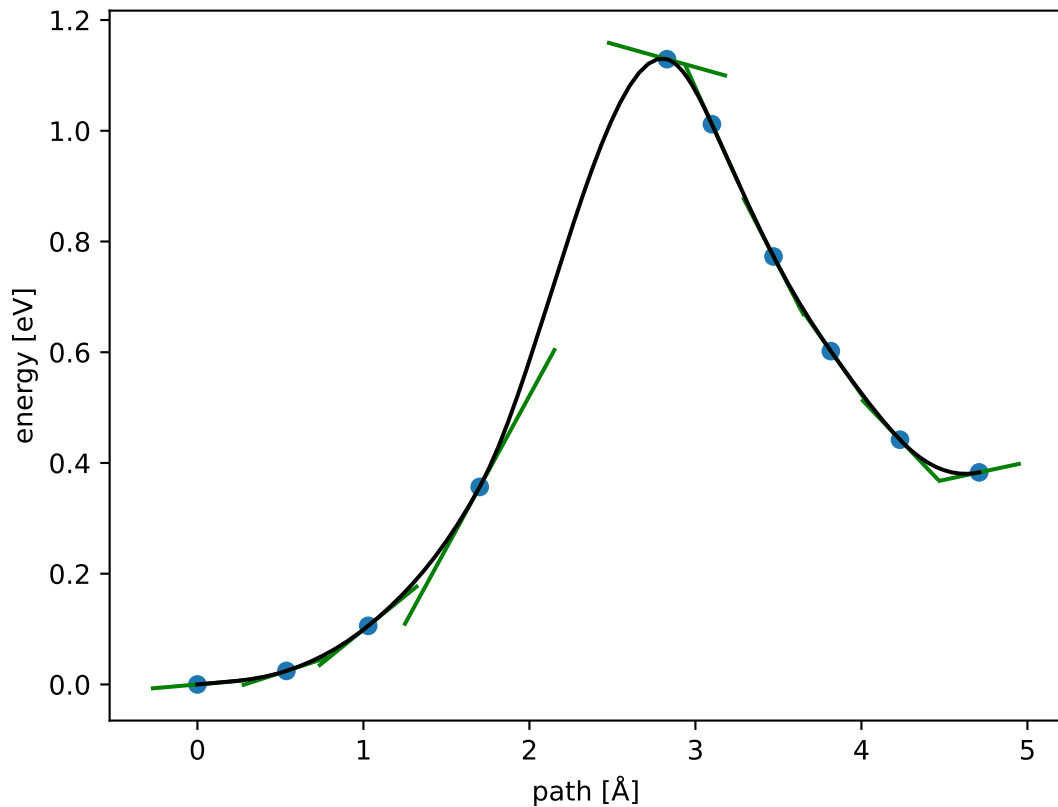
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



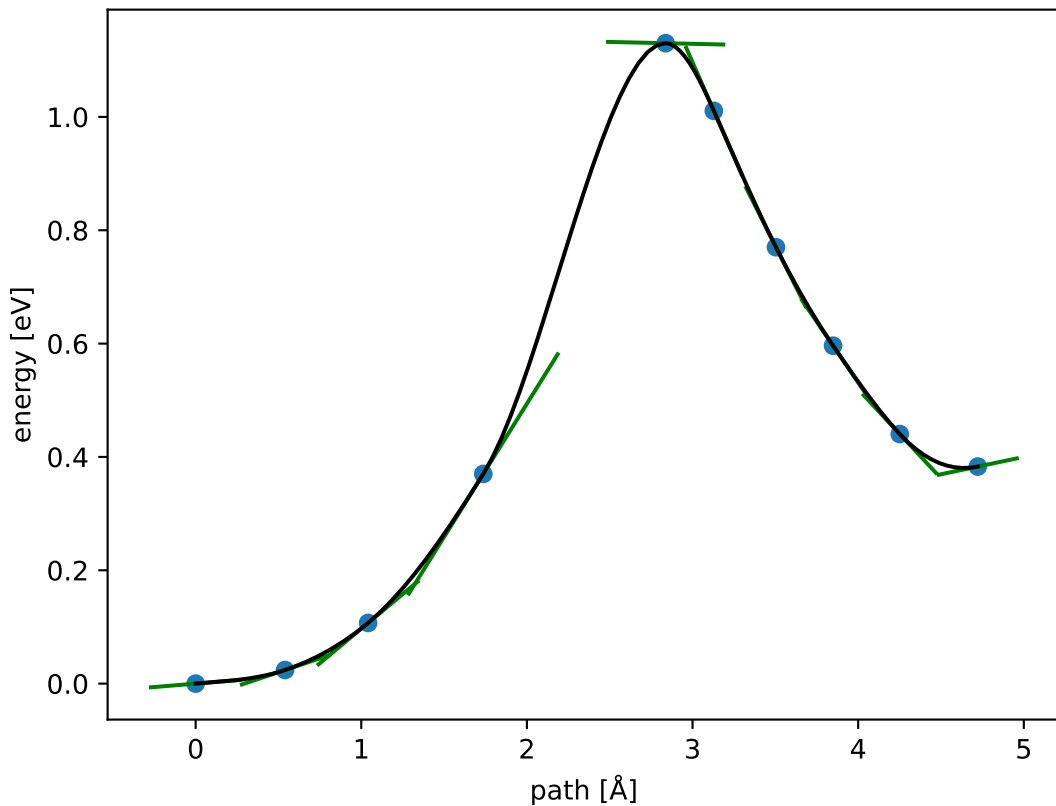
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.744 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



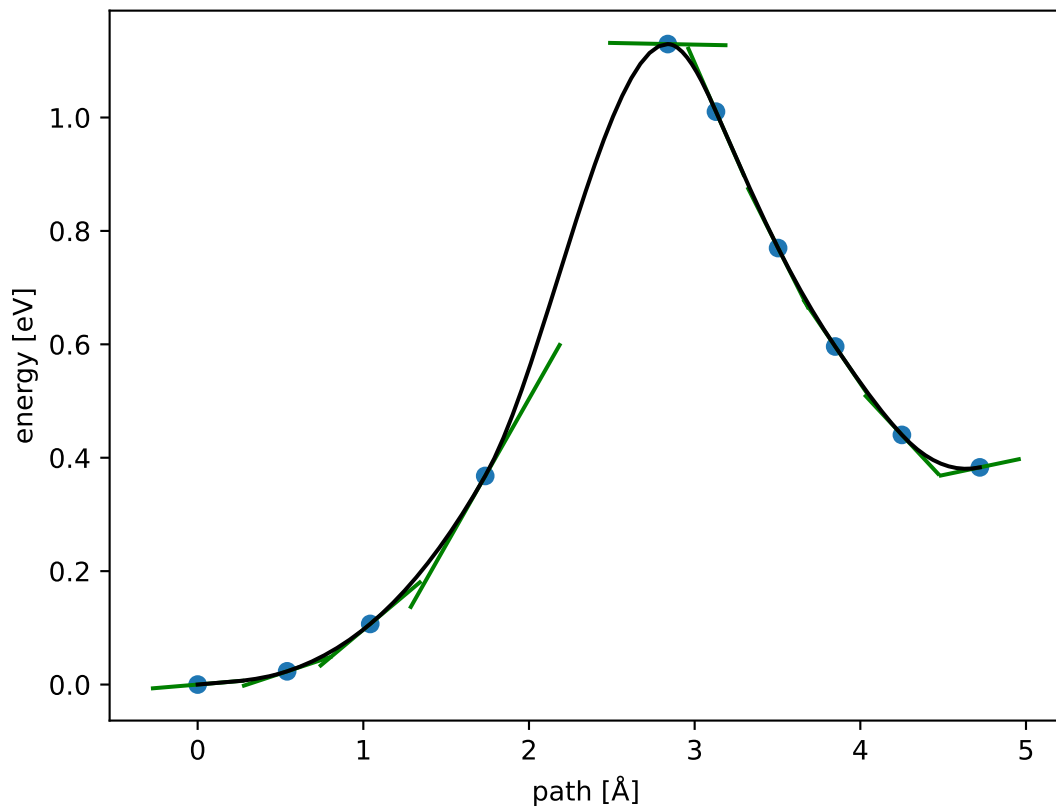
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



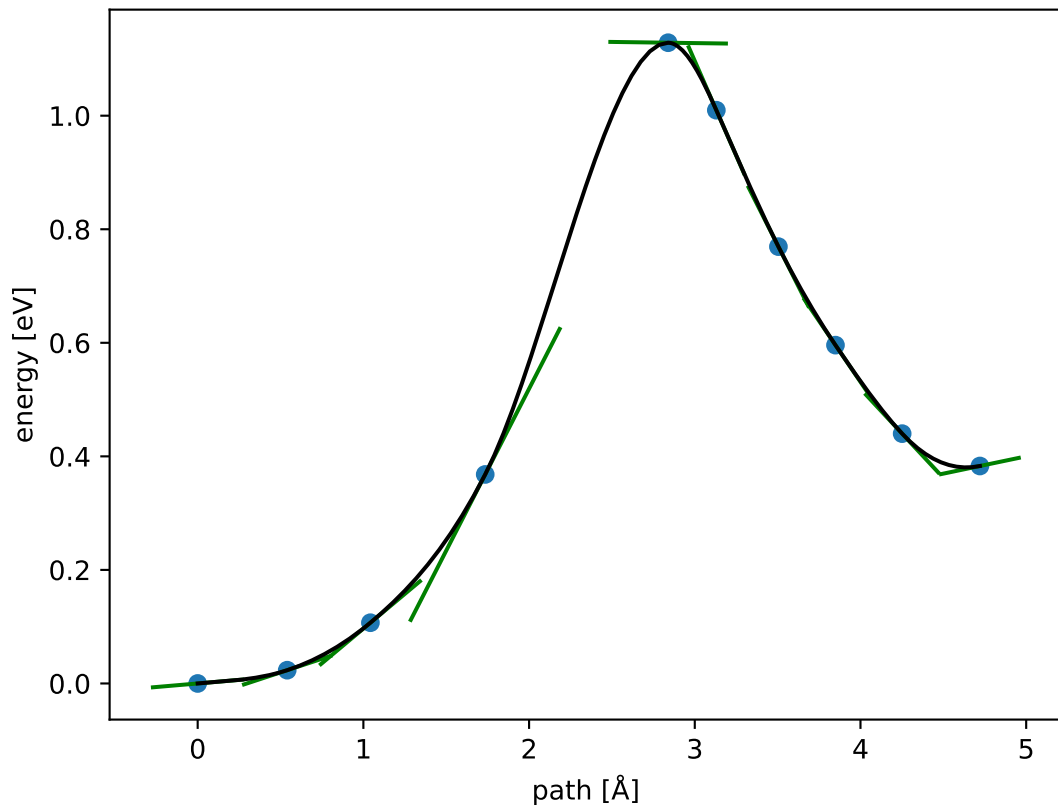
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



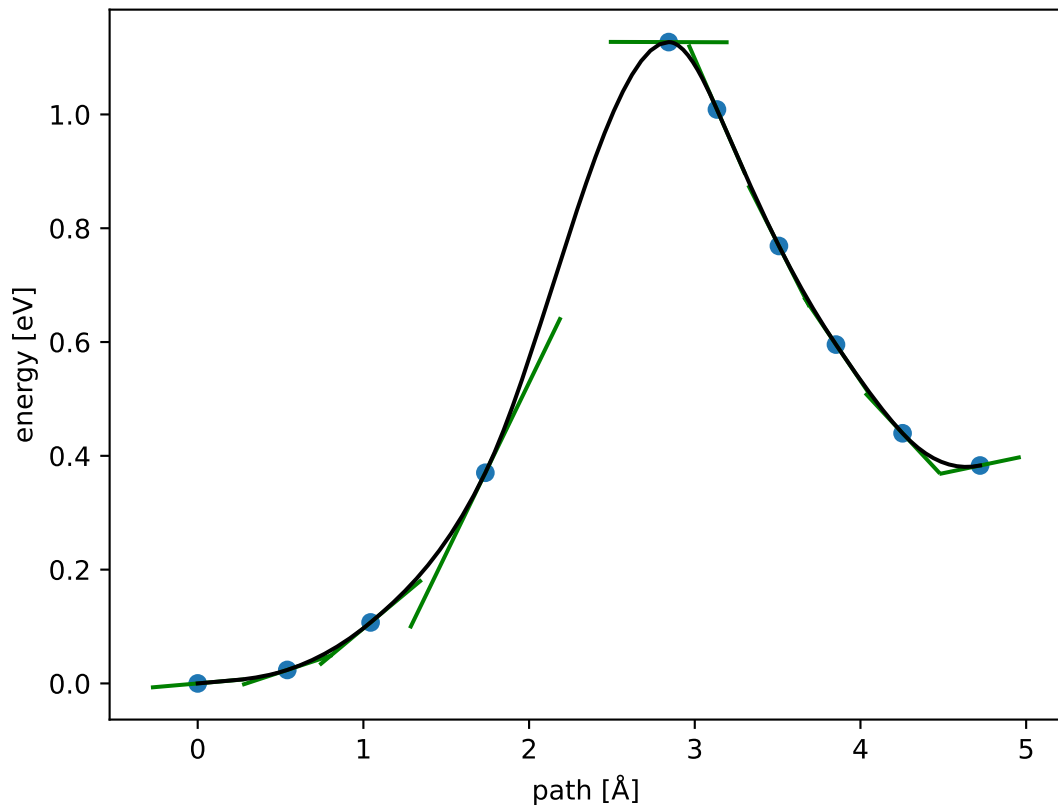
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



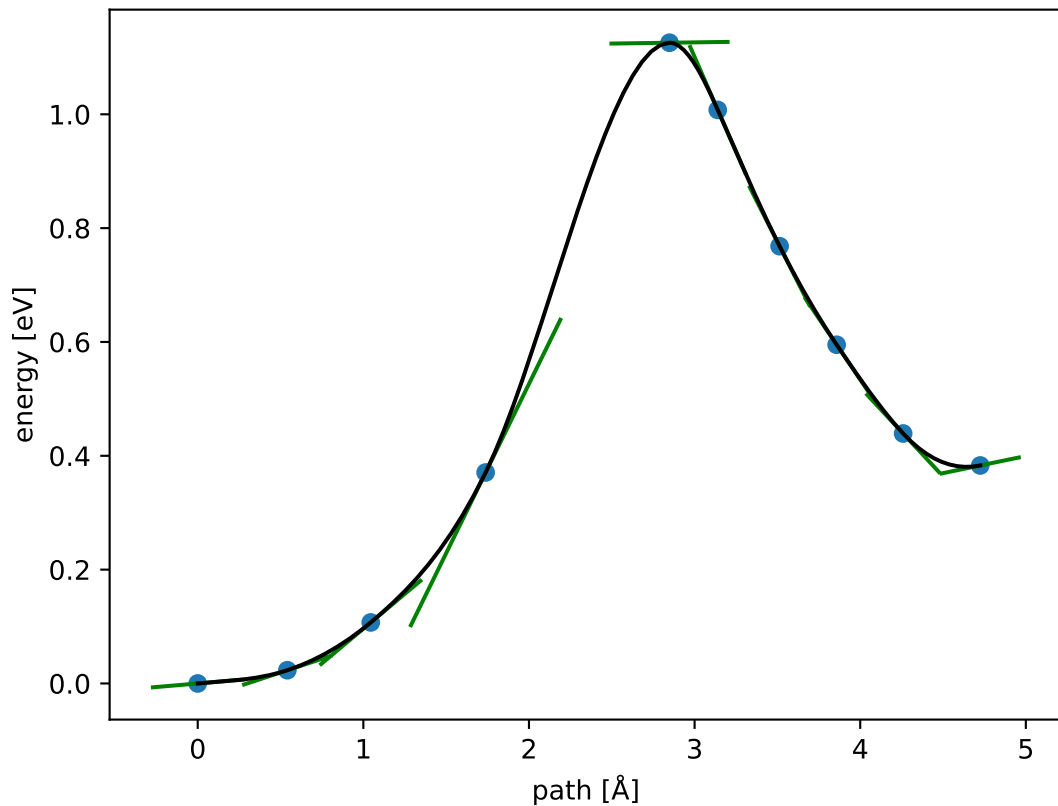
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



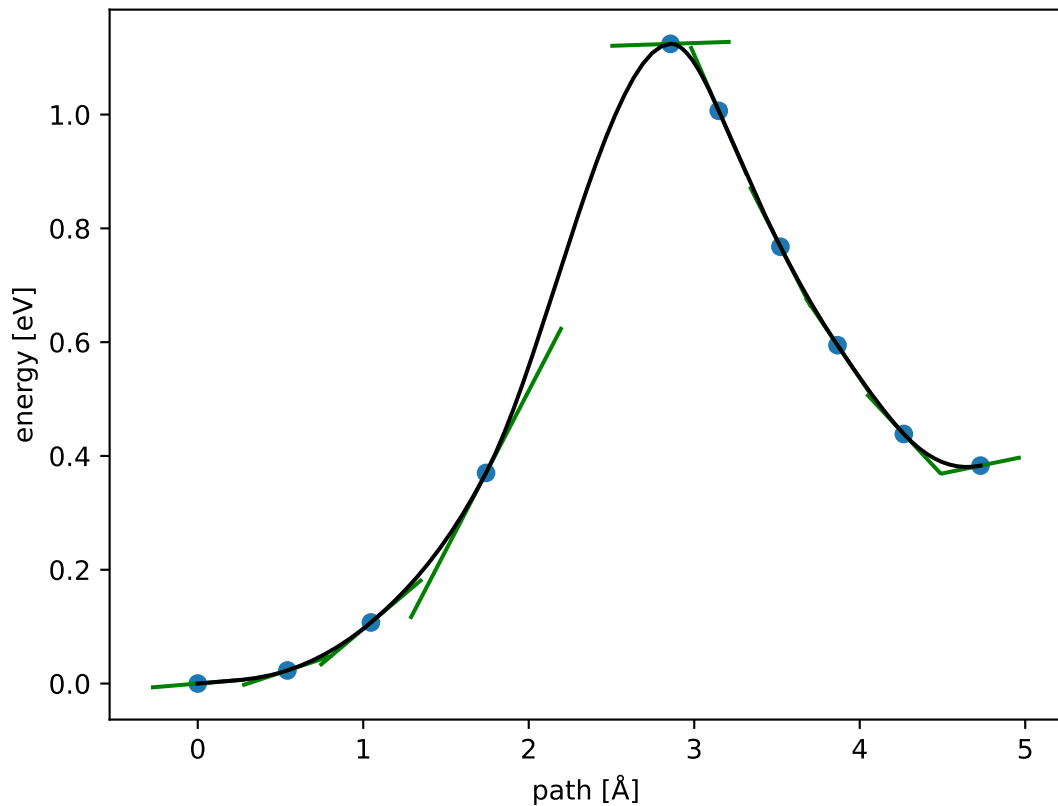
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.744 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



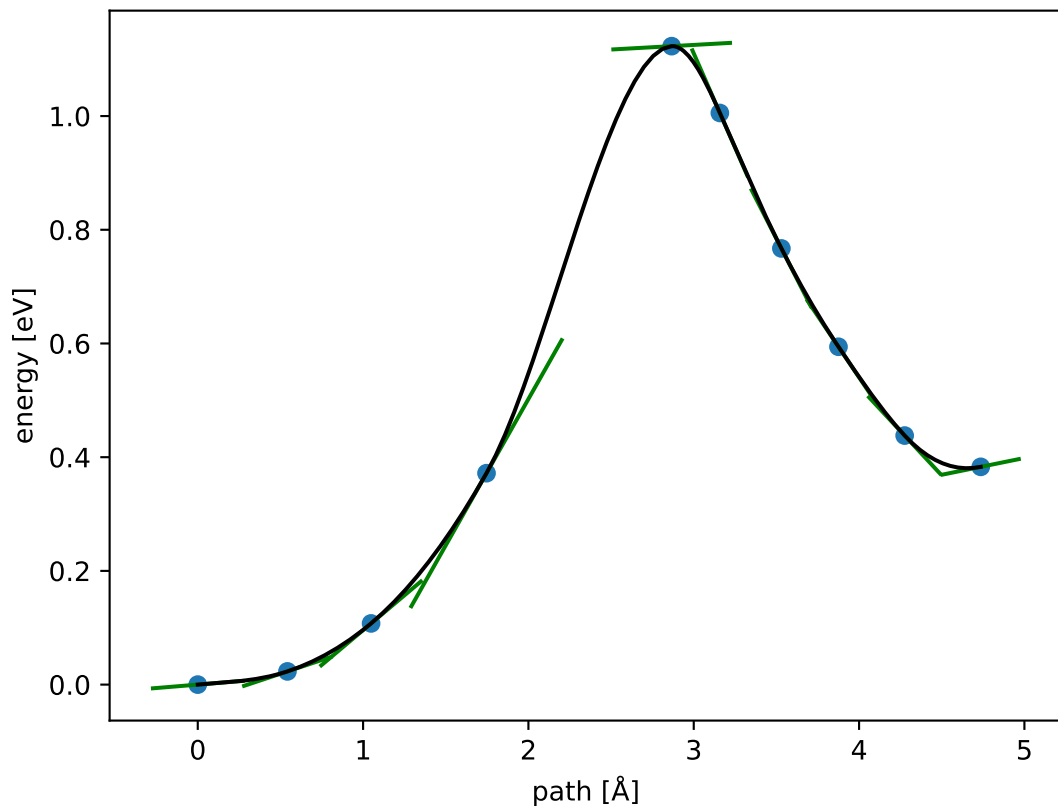
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



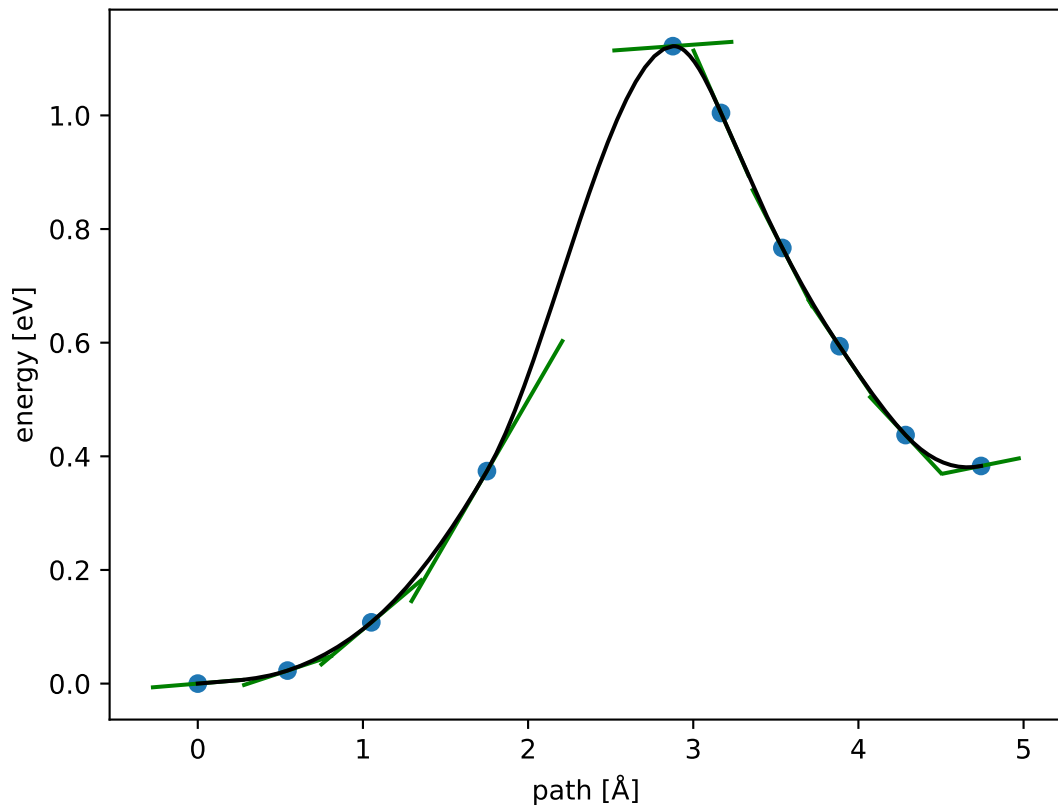
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



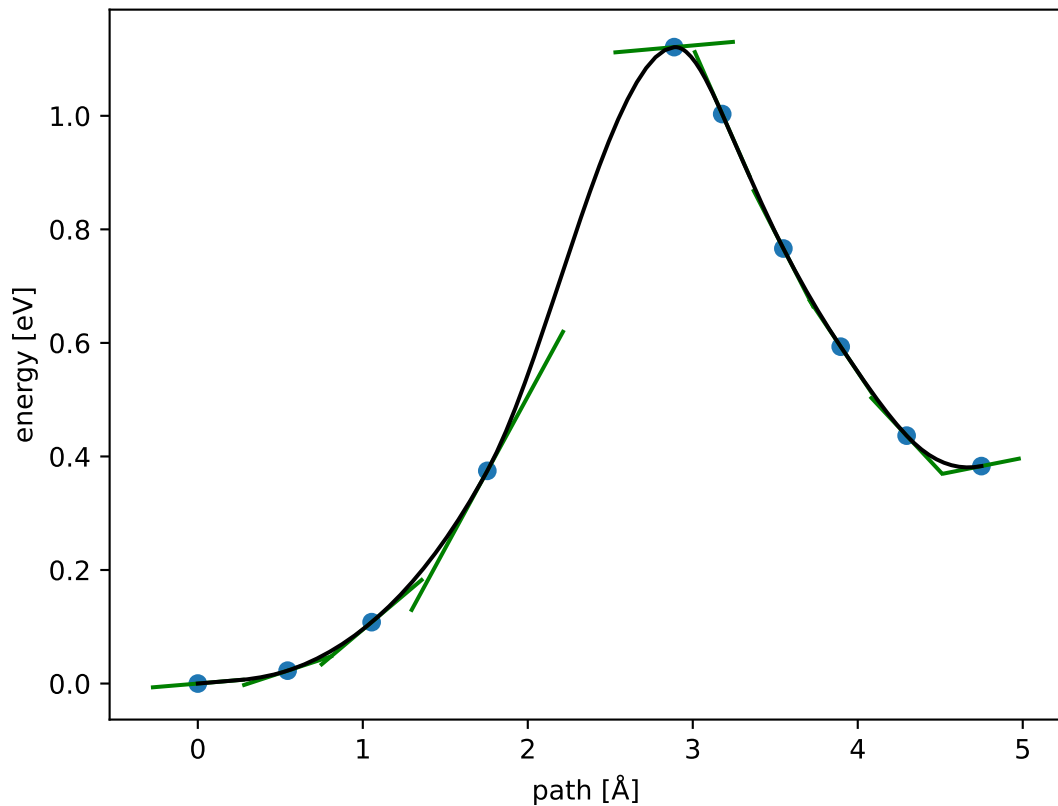
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



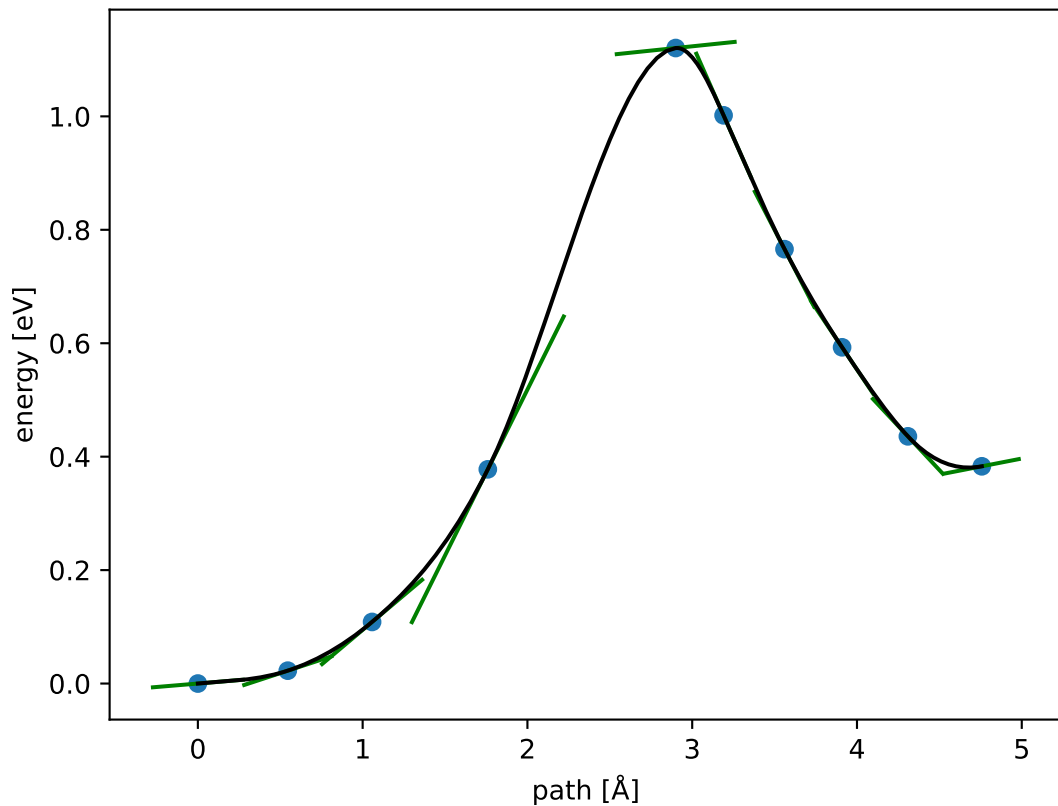
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



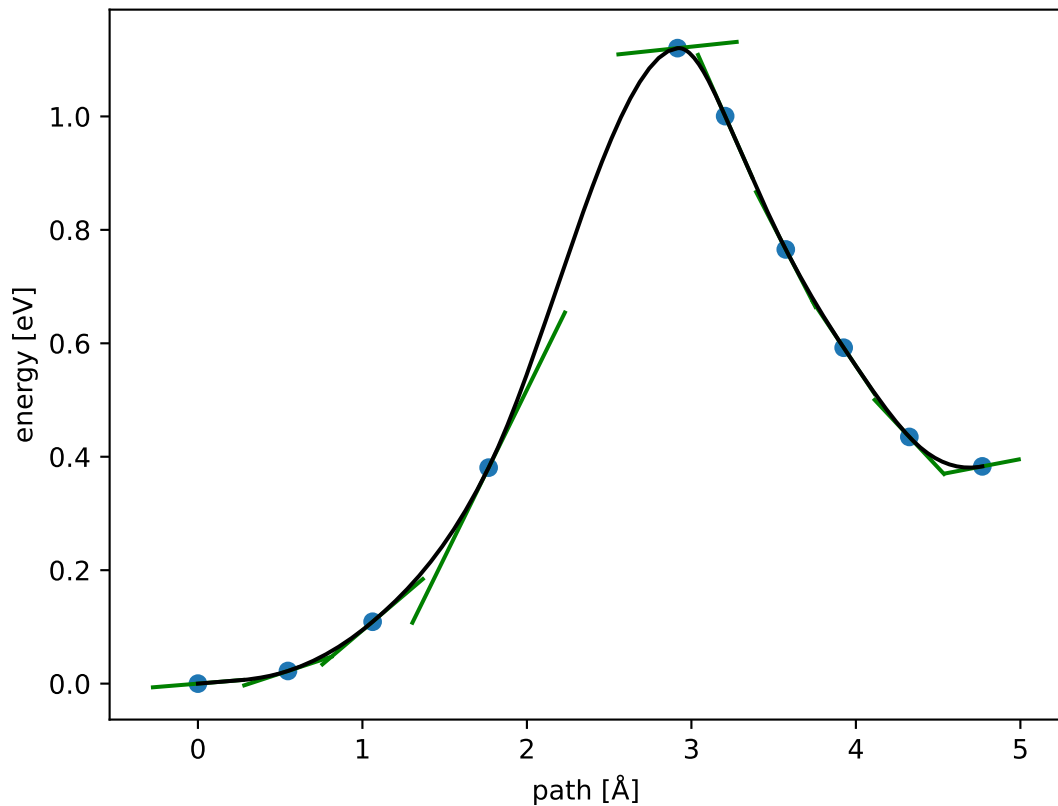
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



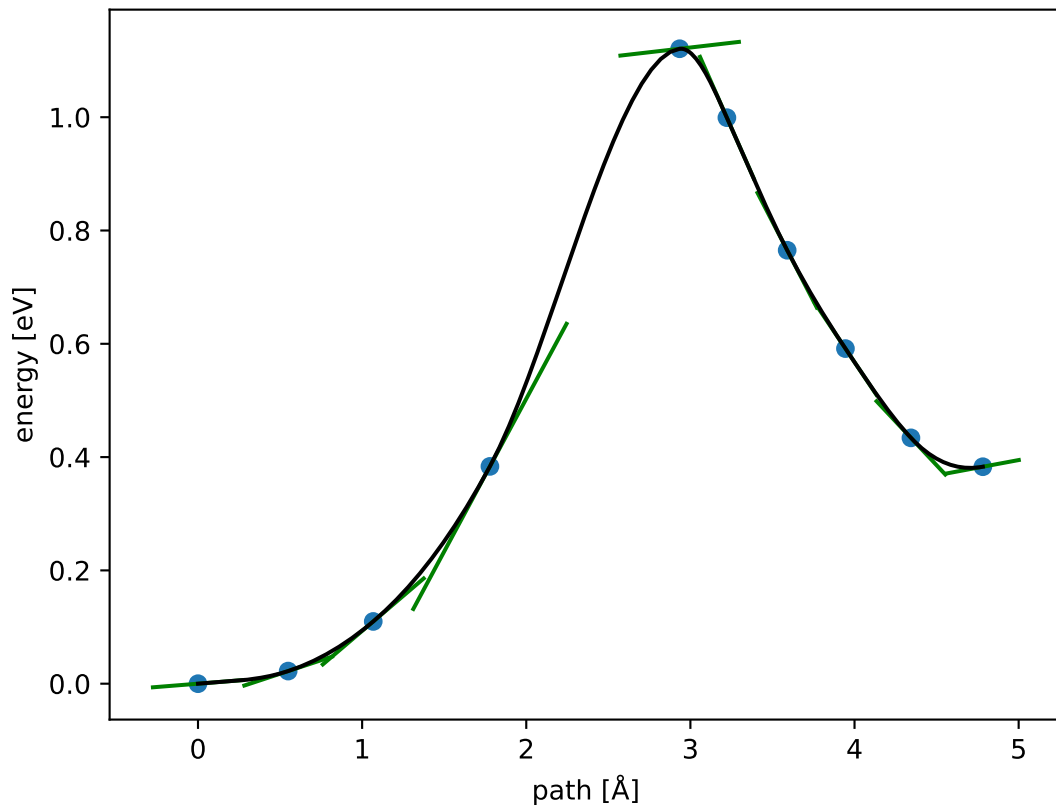
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



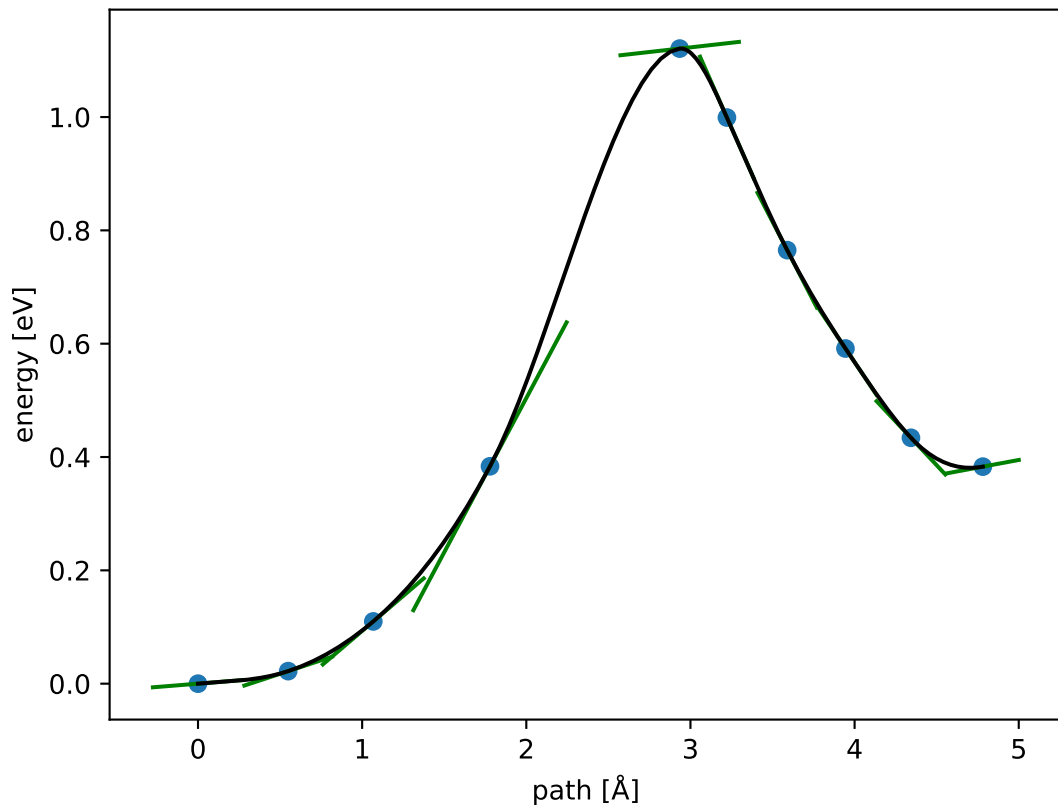
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