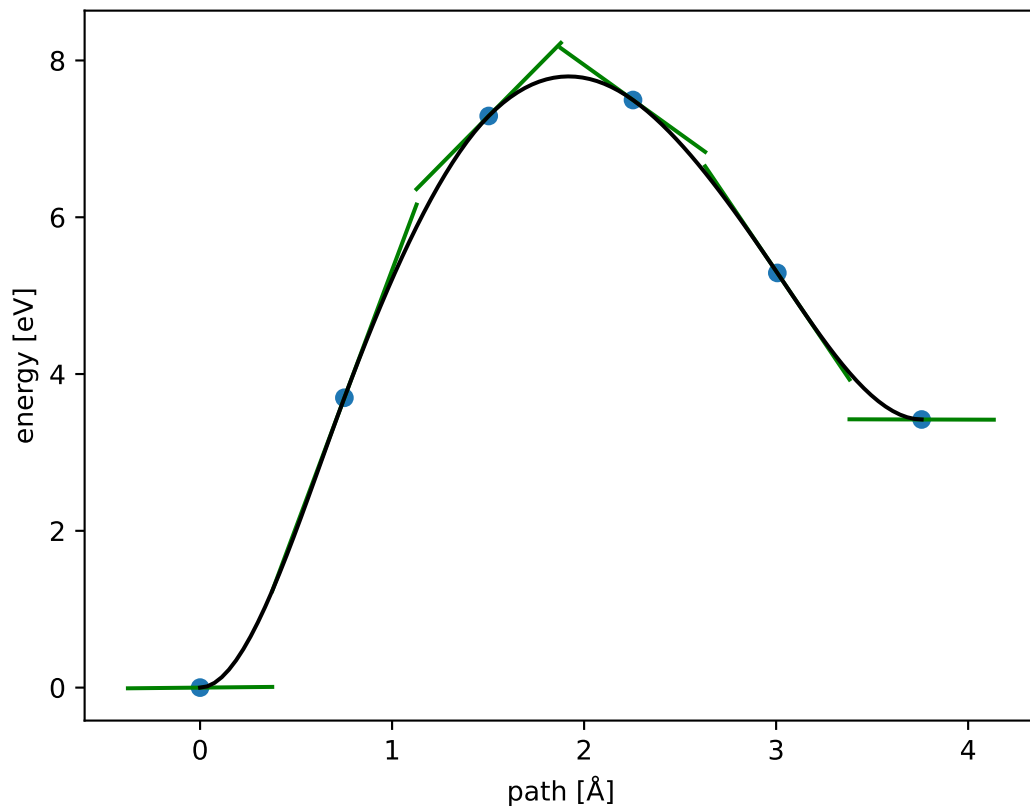
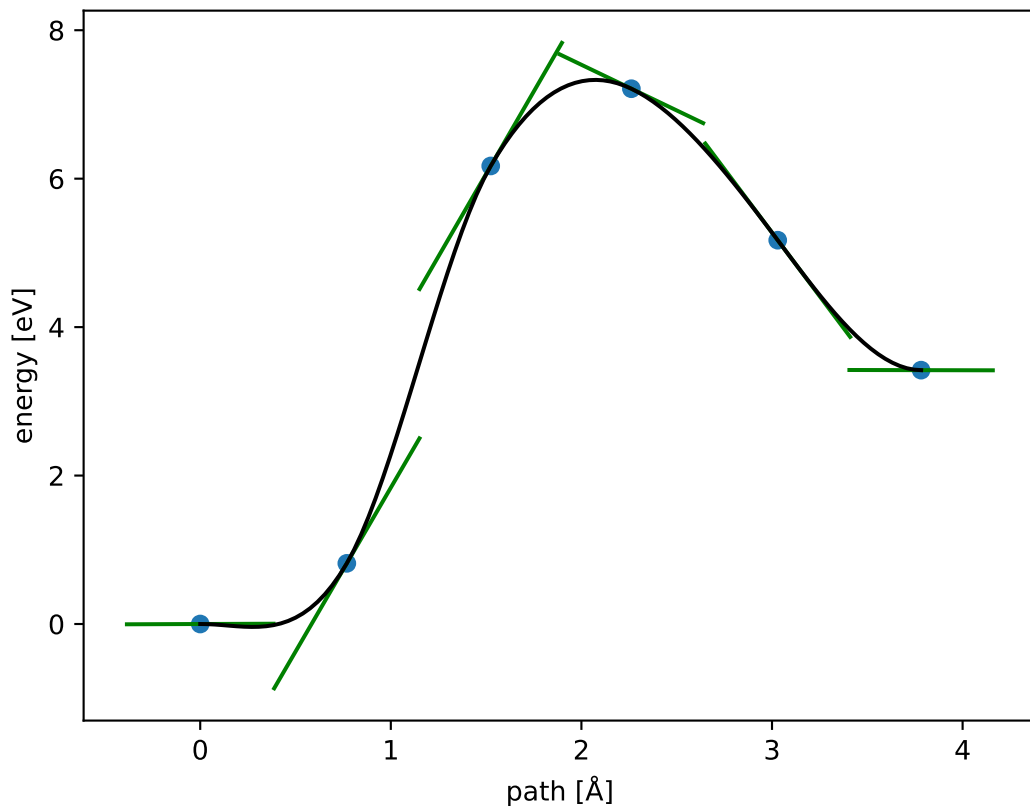


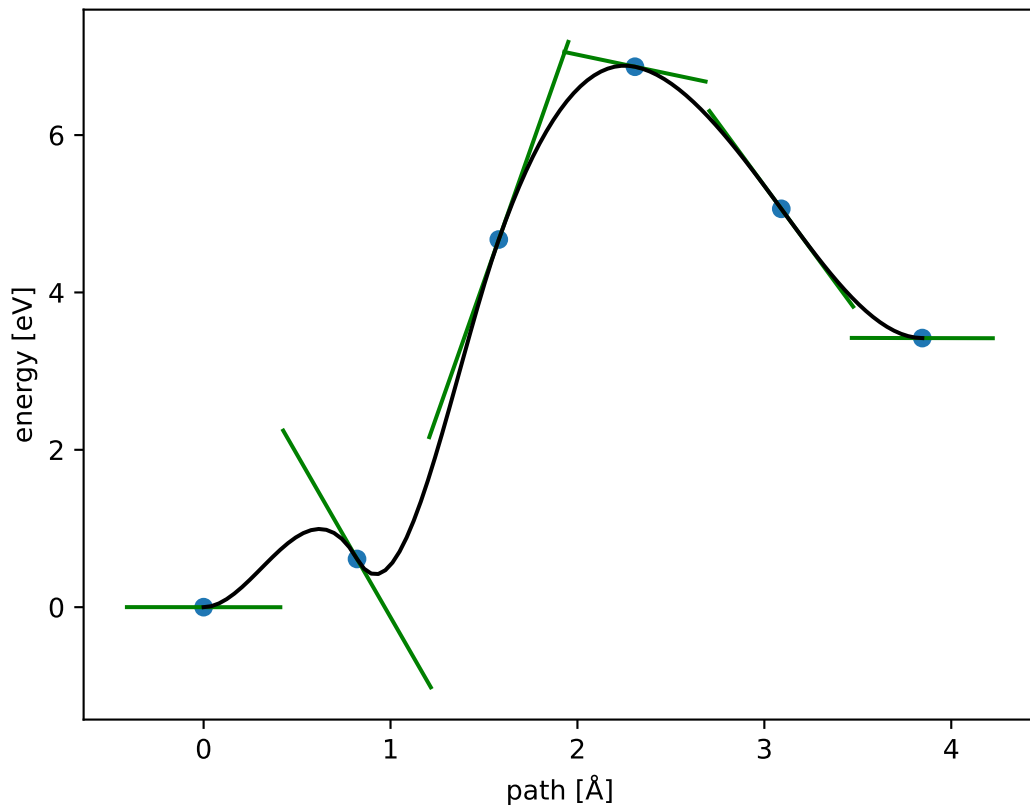
$$E_f \approx 7.495 \text{ eV}; E_r \approx 4.075 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



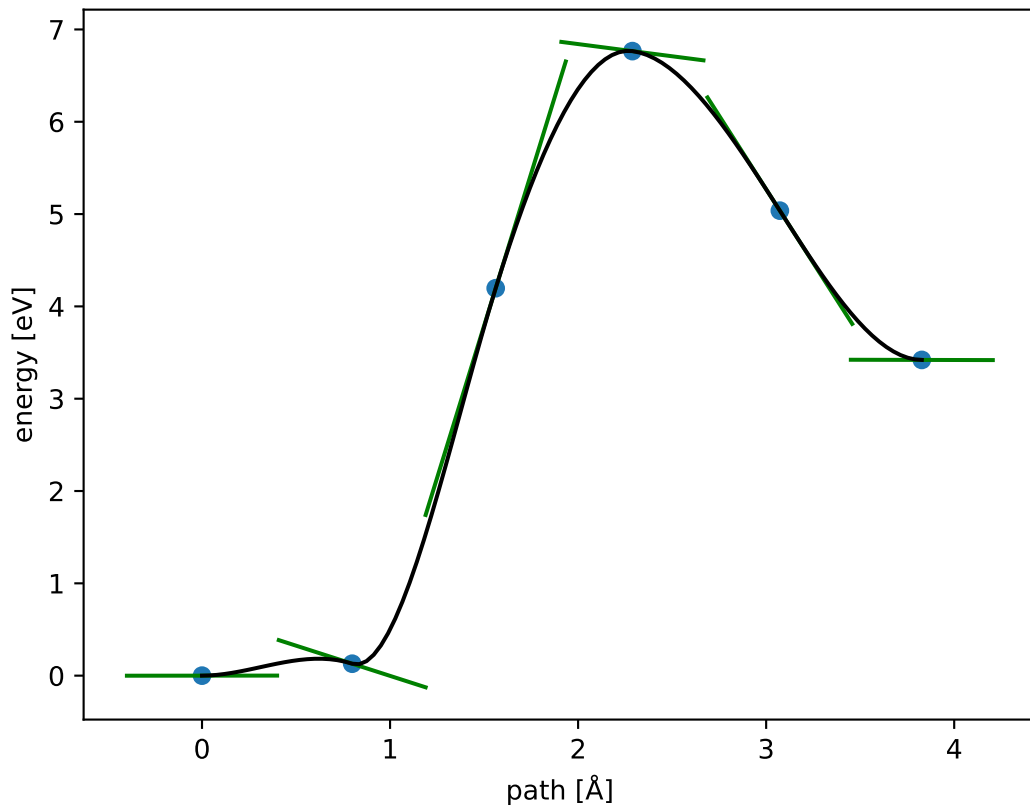
$$E_f \approx 7.212 \text{ eV}; E_r \approx 3.792 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



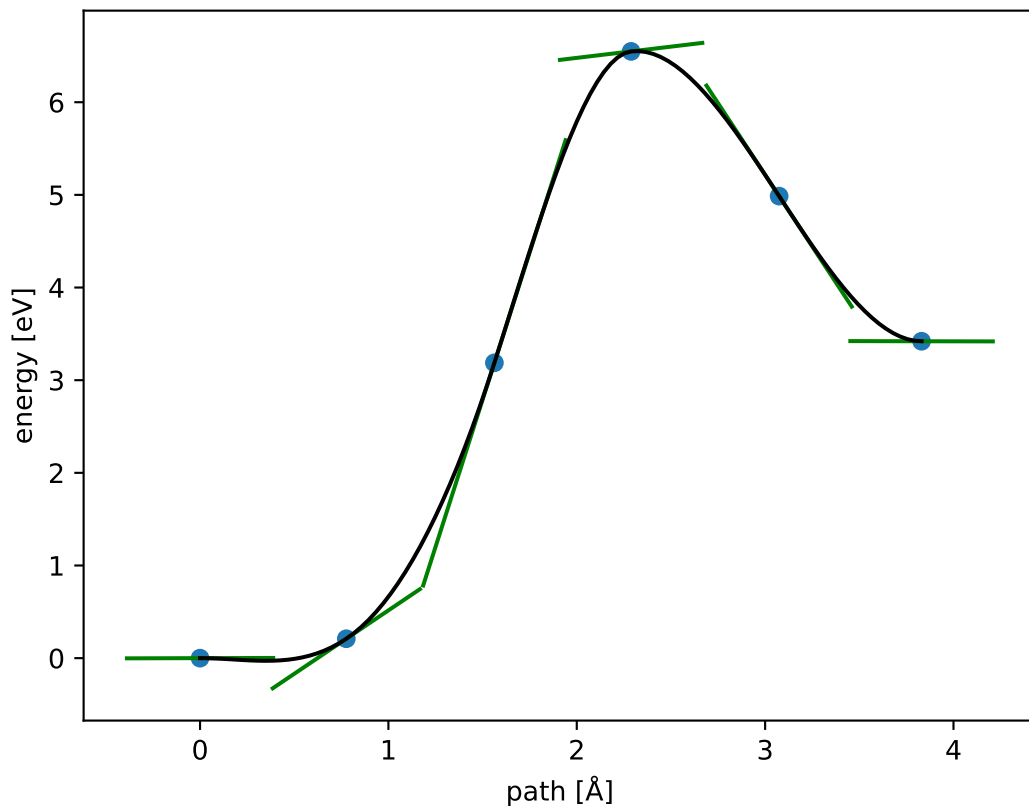
$$E_f \approx 6.869 \text{ eV}; E_r \approx 3.449 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



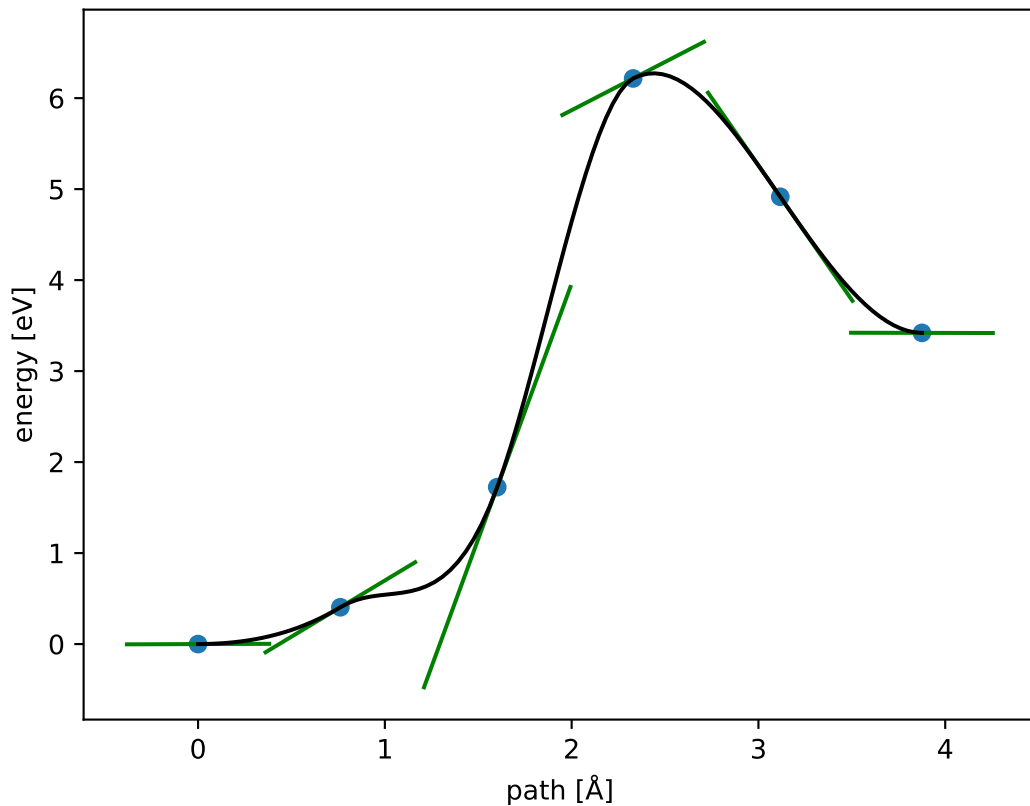
$$E_f \approx 6.765 \text{ eV}; E_r \approx 3.345 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



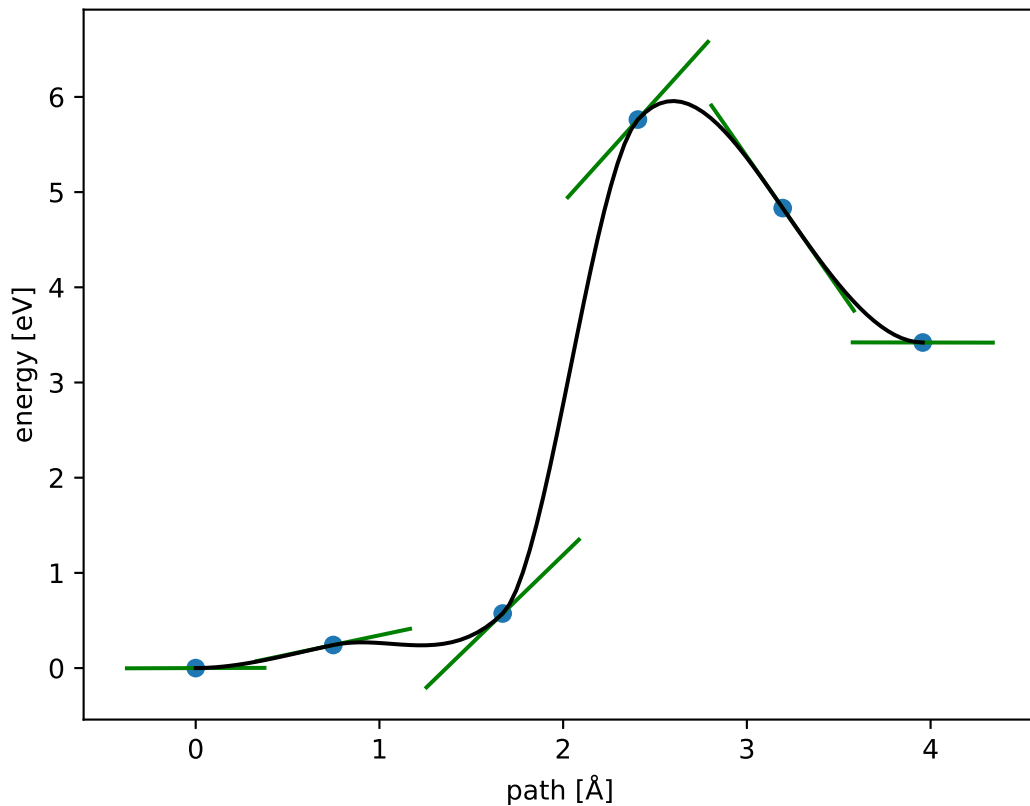
$$E_f \approx 6.549 \text{ eV}; E_r \approx 3.128 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



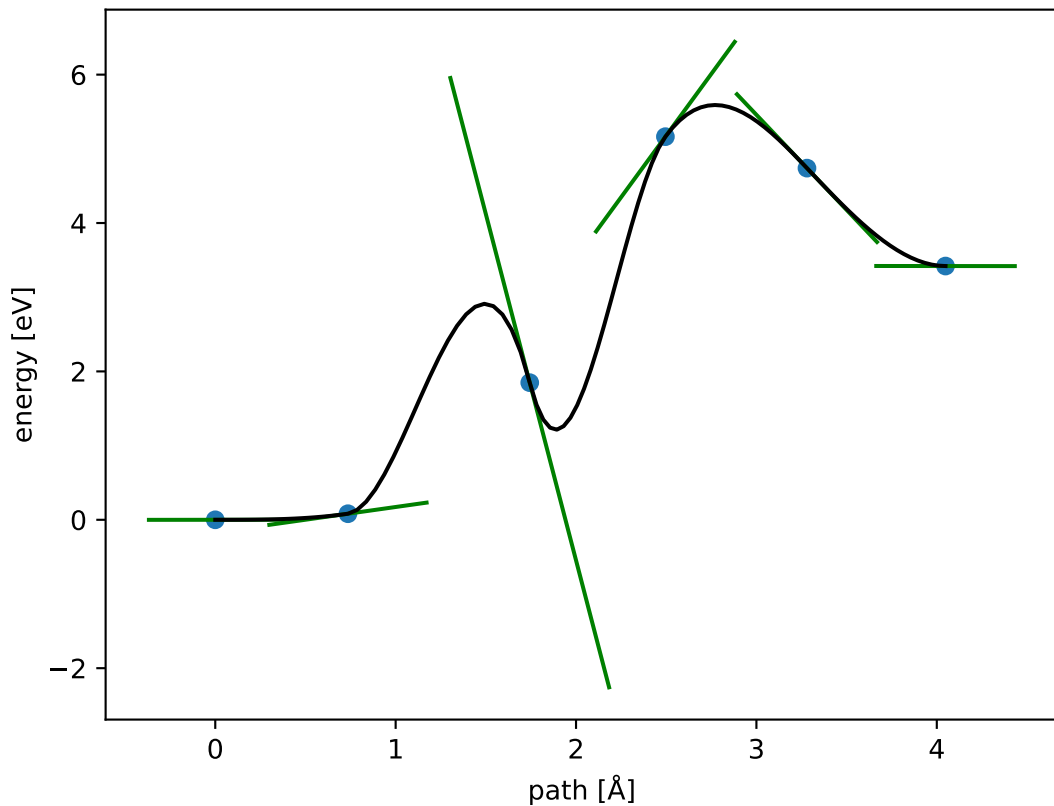
$$E_f \approx 6.216 \text{ eV}; E_r \approx 2.796 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



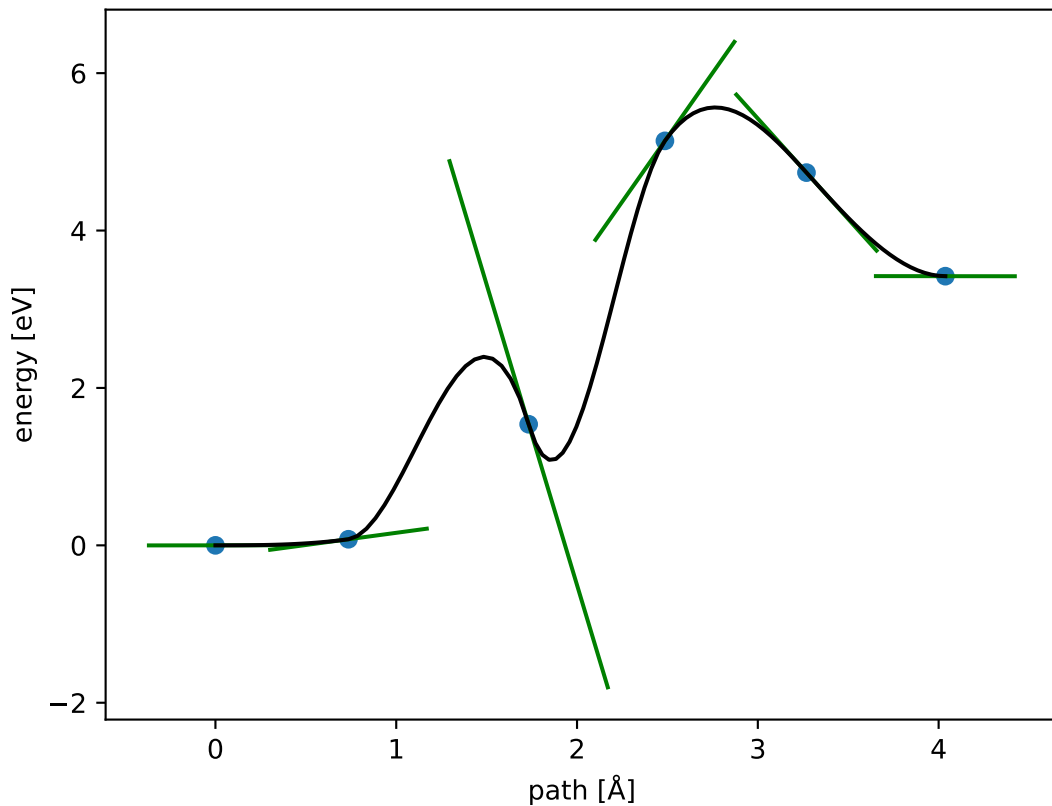
$$E_f \approx 5.762 \text{ eV}; E_r \approx 2.342 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



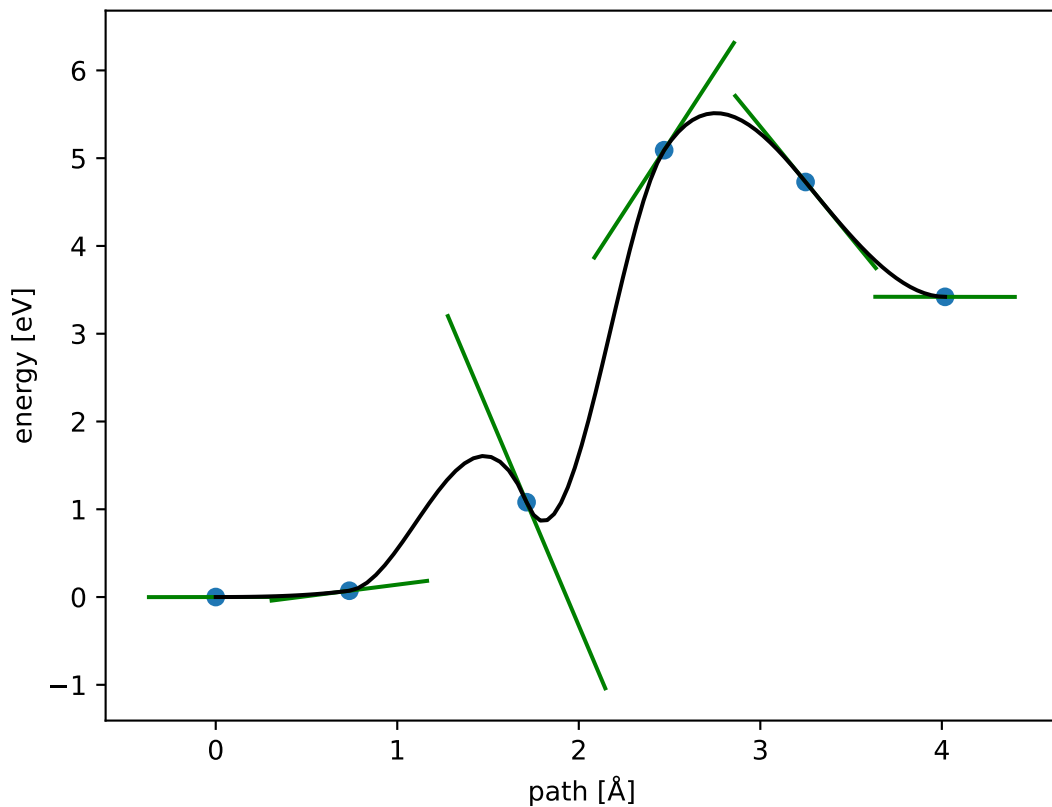
$$E_f \approx 5.164 \text{ eV}; E_r \approx 1.744 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



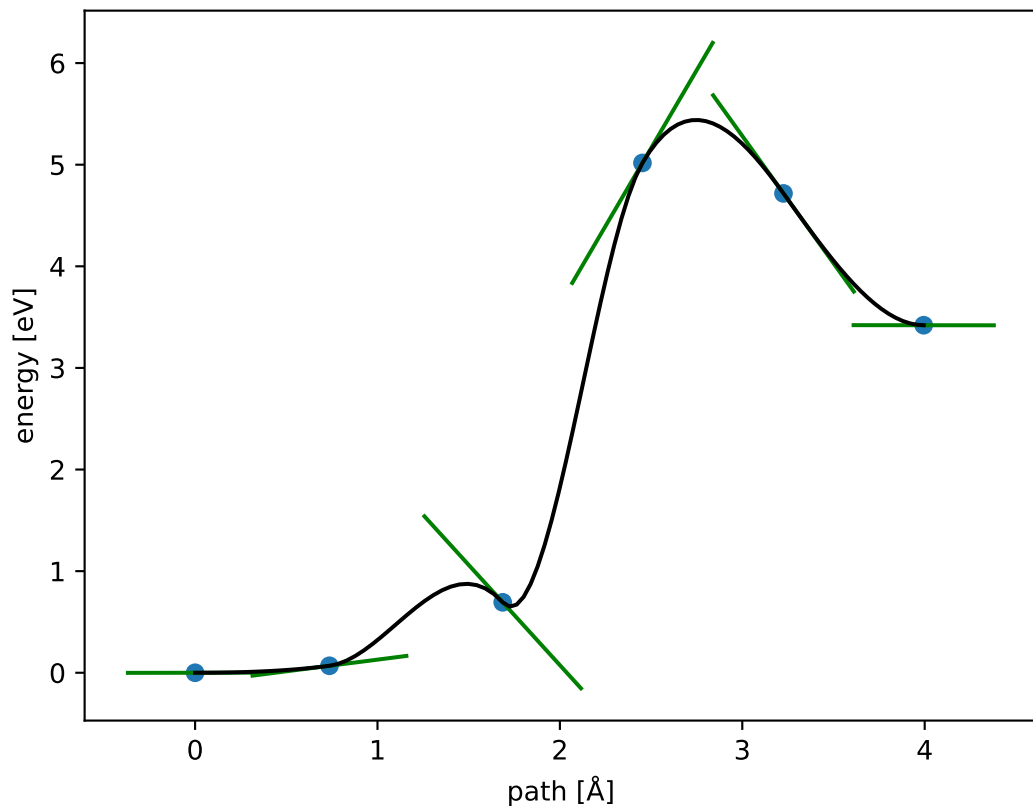
$$E_f \approx 5.139 \text{ eV}; E_r \approx 1.719 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



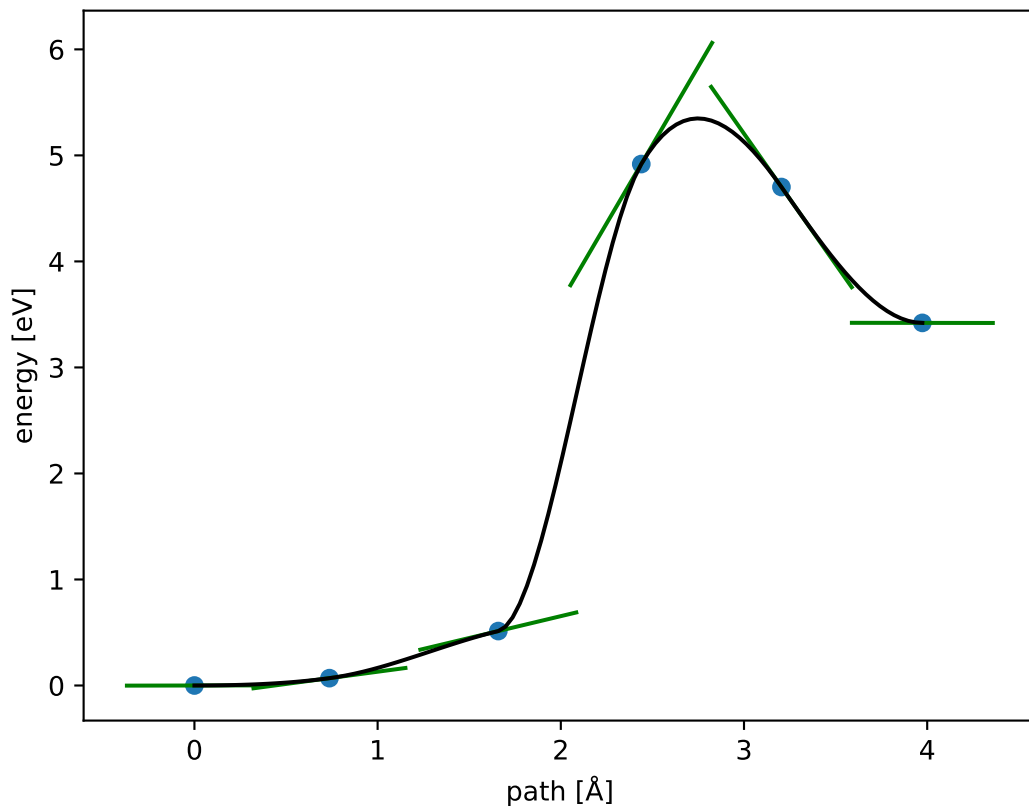
$$E_f \approx 5.091 \text{ eV}; E_r \approx 1.671 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



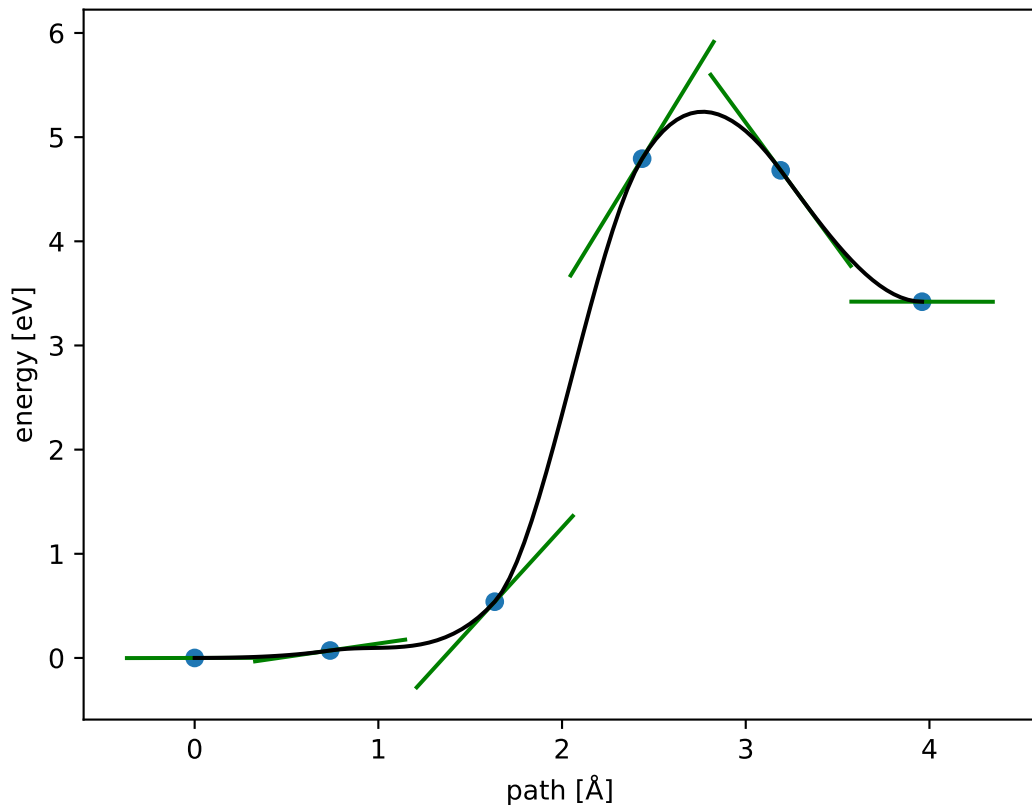
$$E_f \approx 5.018 \text{ eV}; E_r \approx 1.597 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



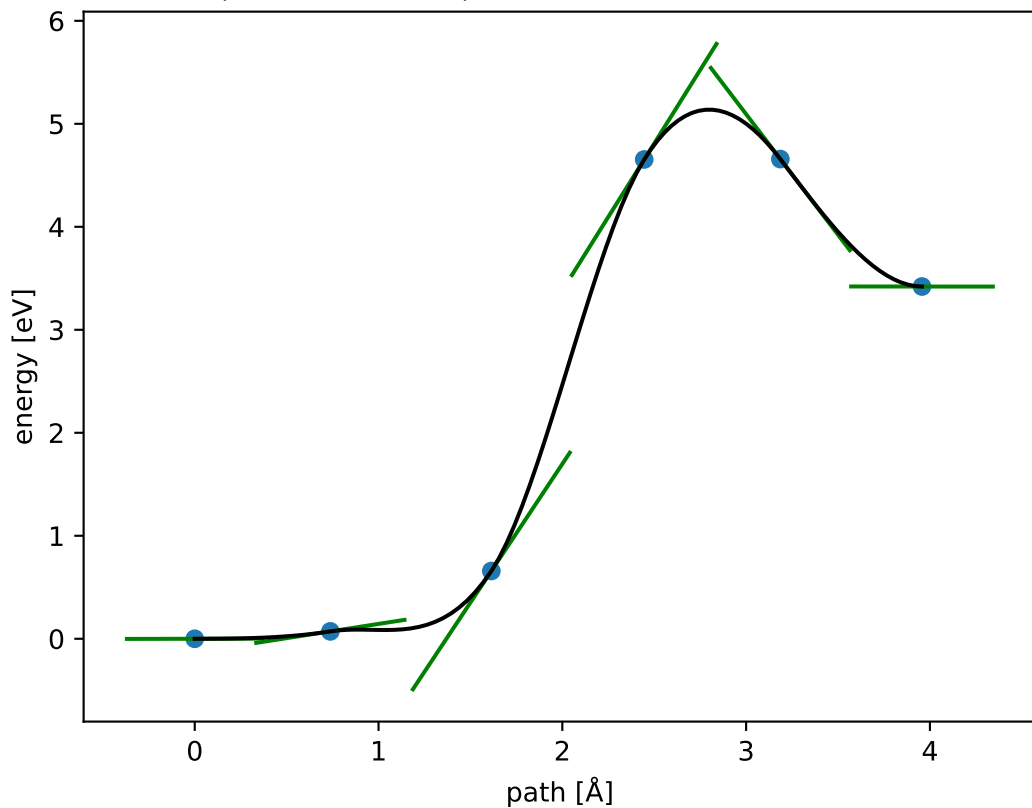
$$E_f \approx 4.918 \text{ eV}; E_r \approx 1.498 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



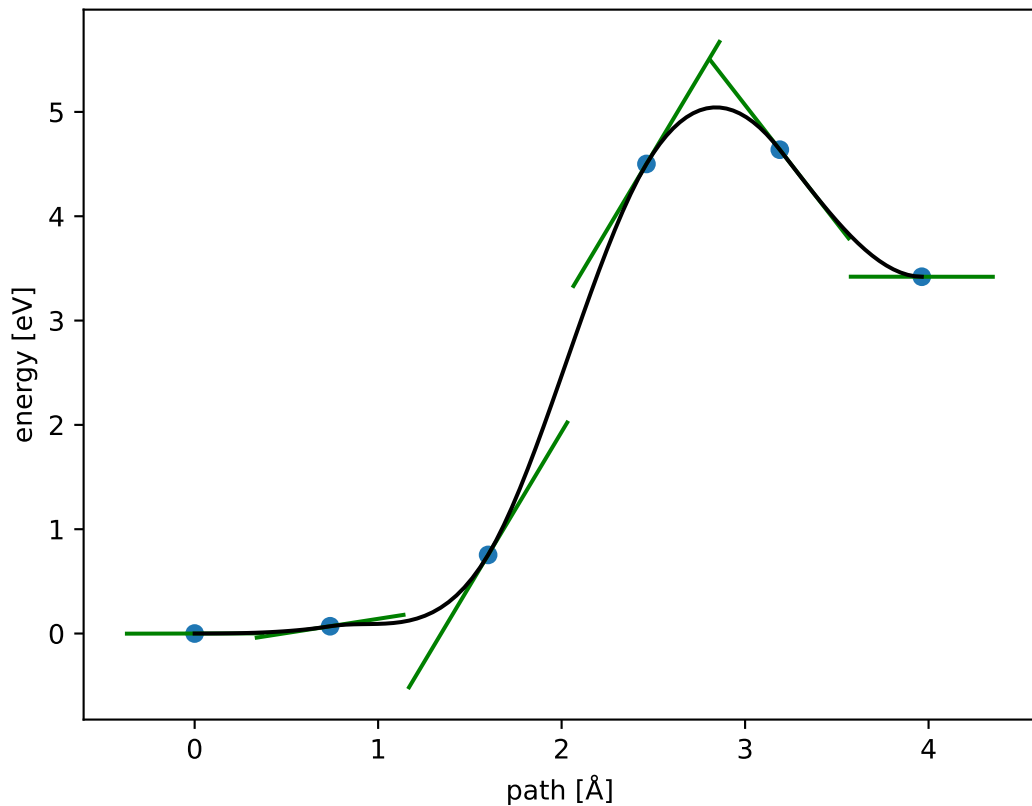
$$E_f \approx 4.793 \text{ eV}; E_r \approx 1.373 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



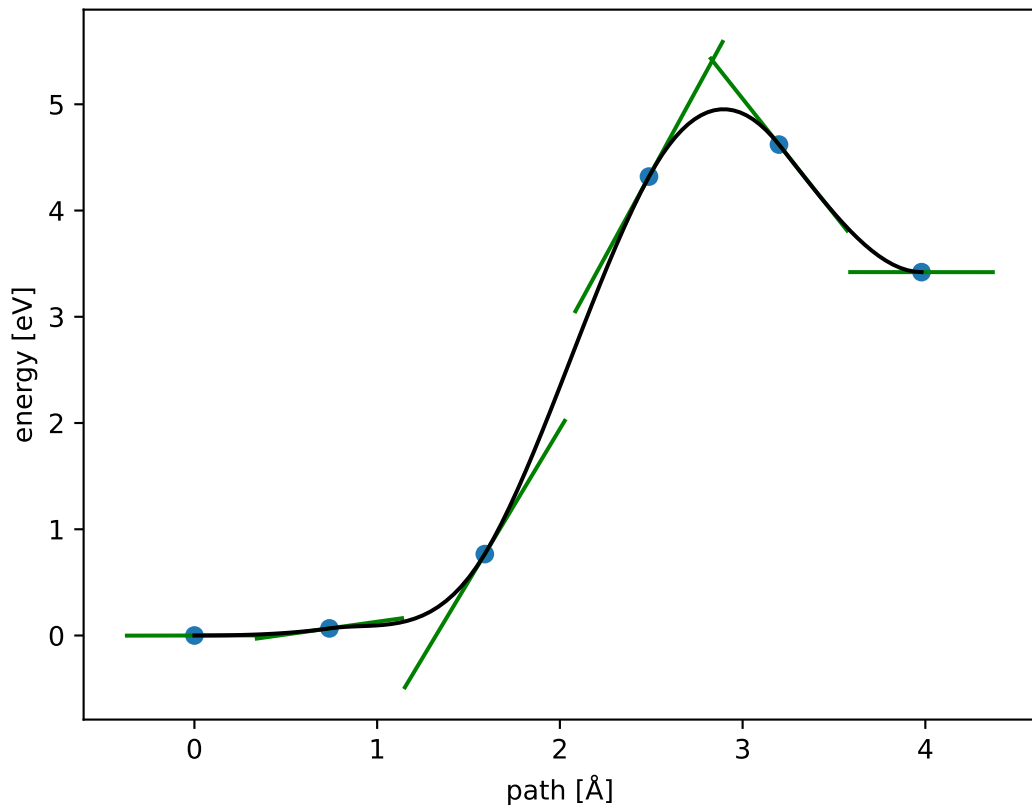
$$E_f \approx 4.657 \text{ eV}; E_r \approx 1.237 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



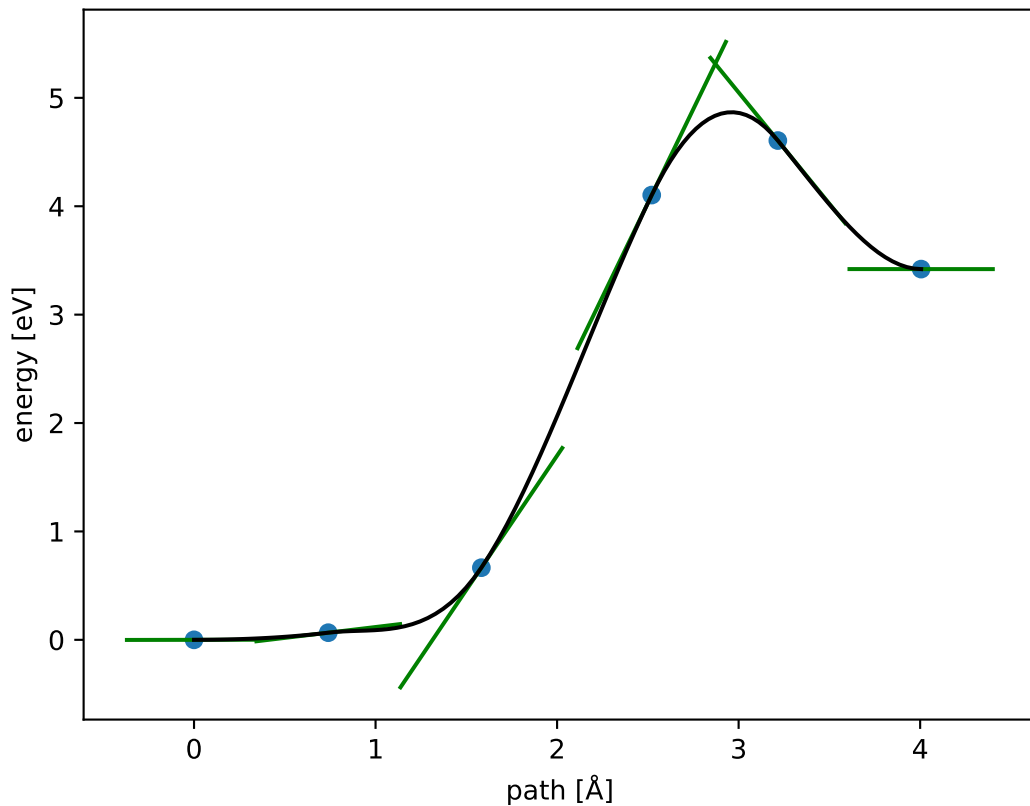
$$E_f \approx 4.638 \text{ eV}; E_r \approx 1.218 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



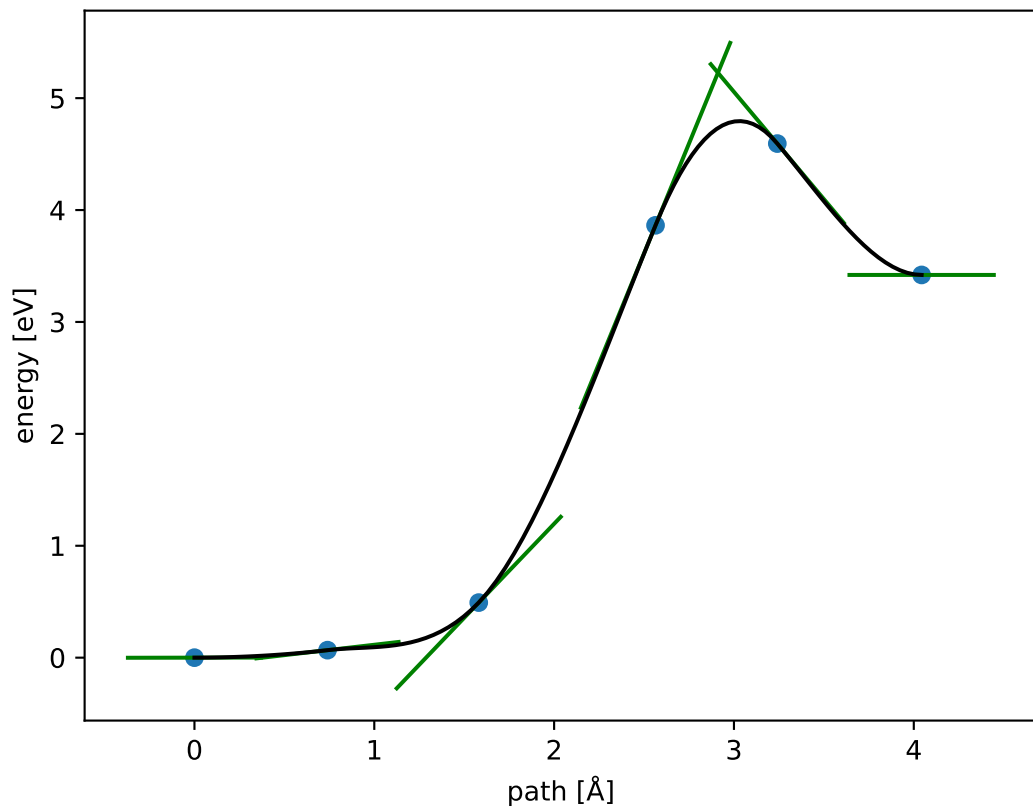
$$E_f \approx 4.621 \text{ eV}; E_r \approx 1.201 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



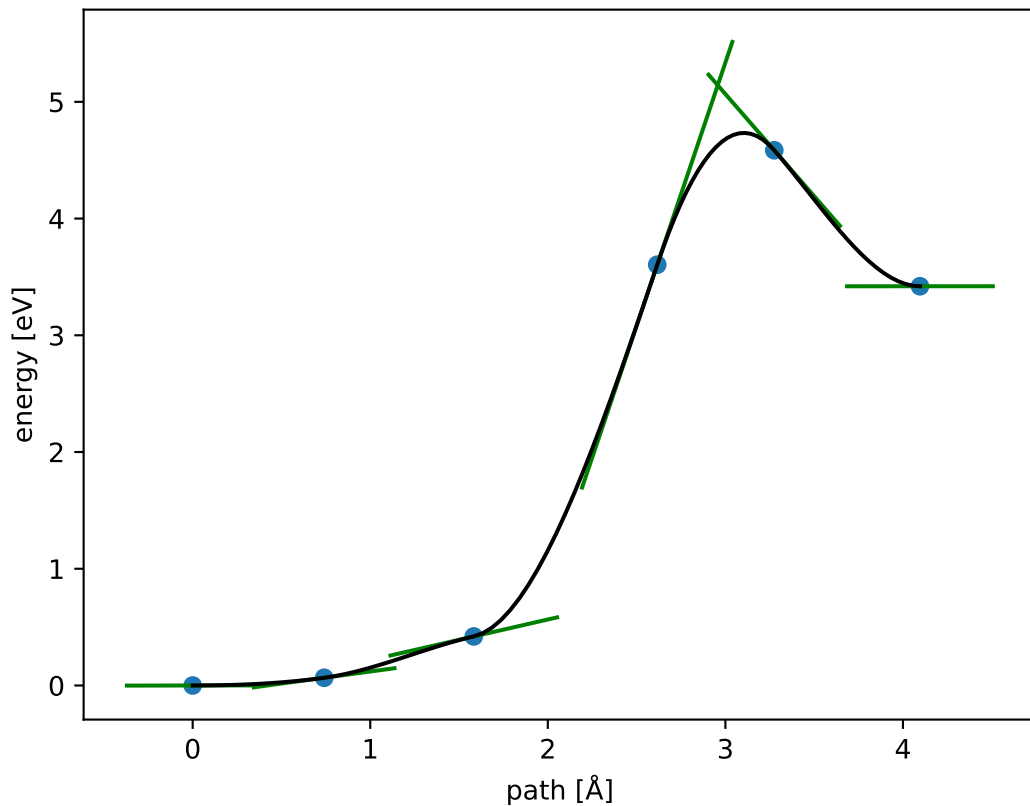
$$E_f \approx 4.606 \text{ eV}; E_r \approx 1.186 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



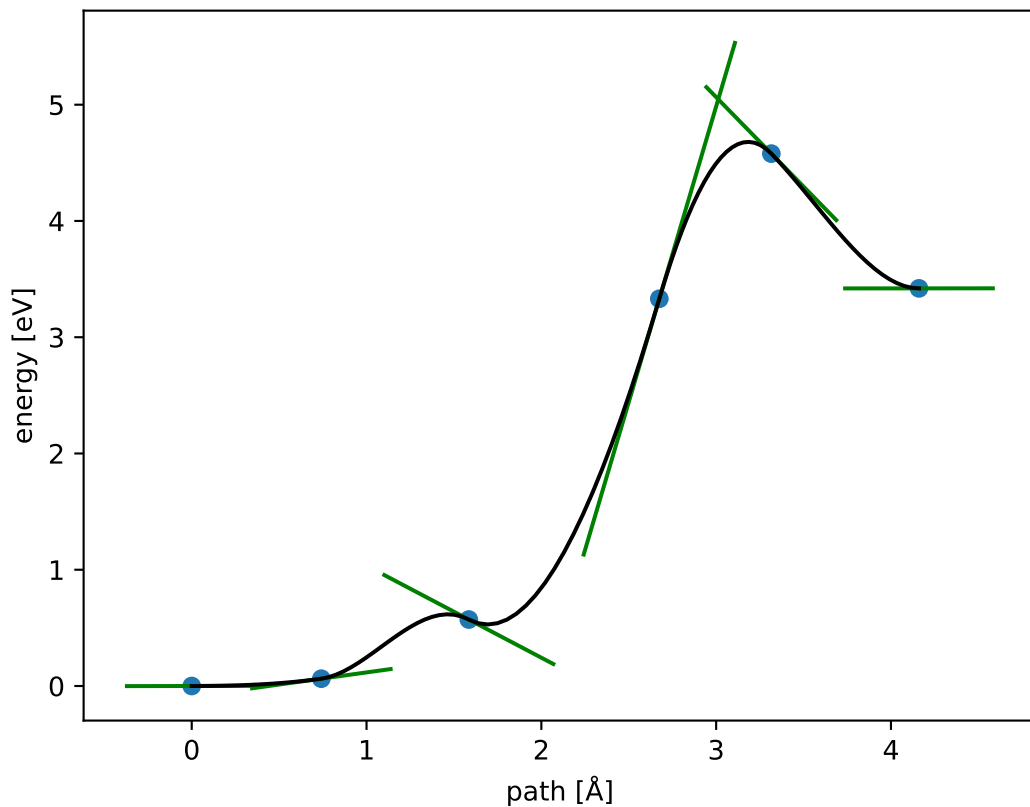
$$E_f \approx 4.594 \text{ eV}; E_r \approx 1.174 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



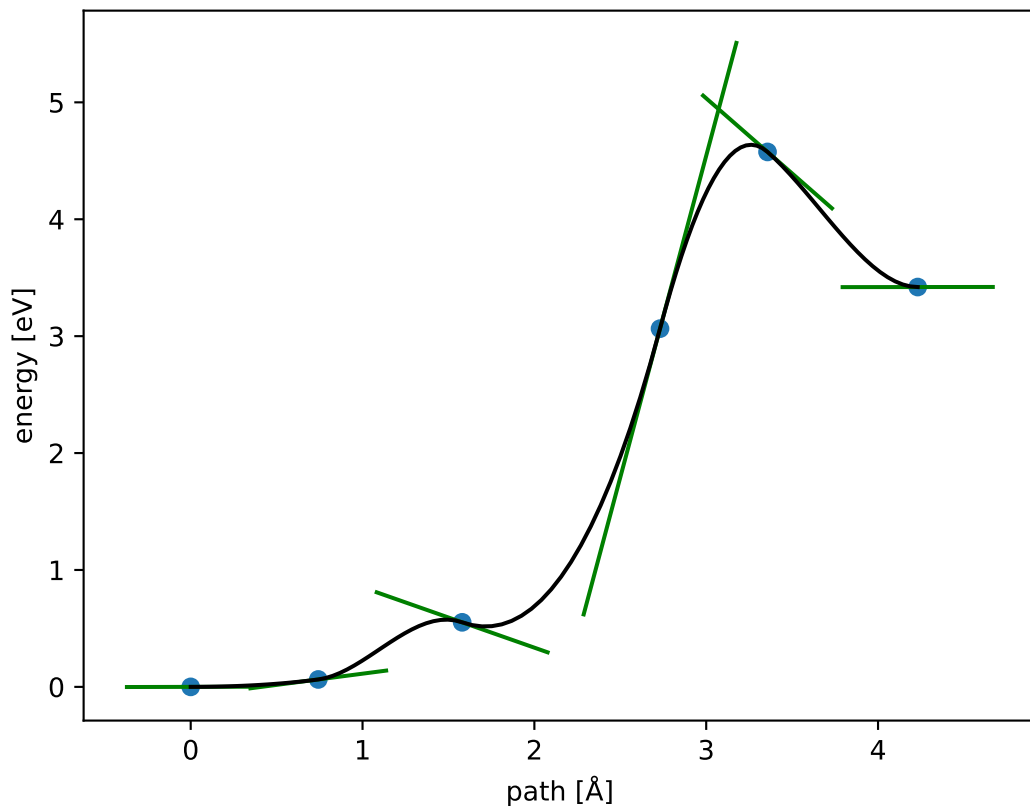
$$E_f \approx 4.585 \text{ eV}; E_r \approx 1.165 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



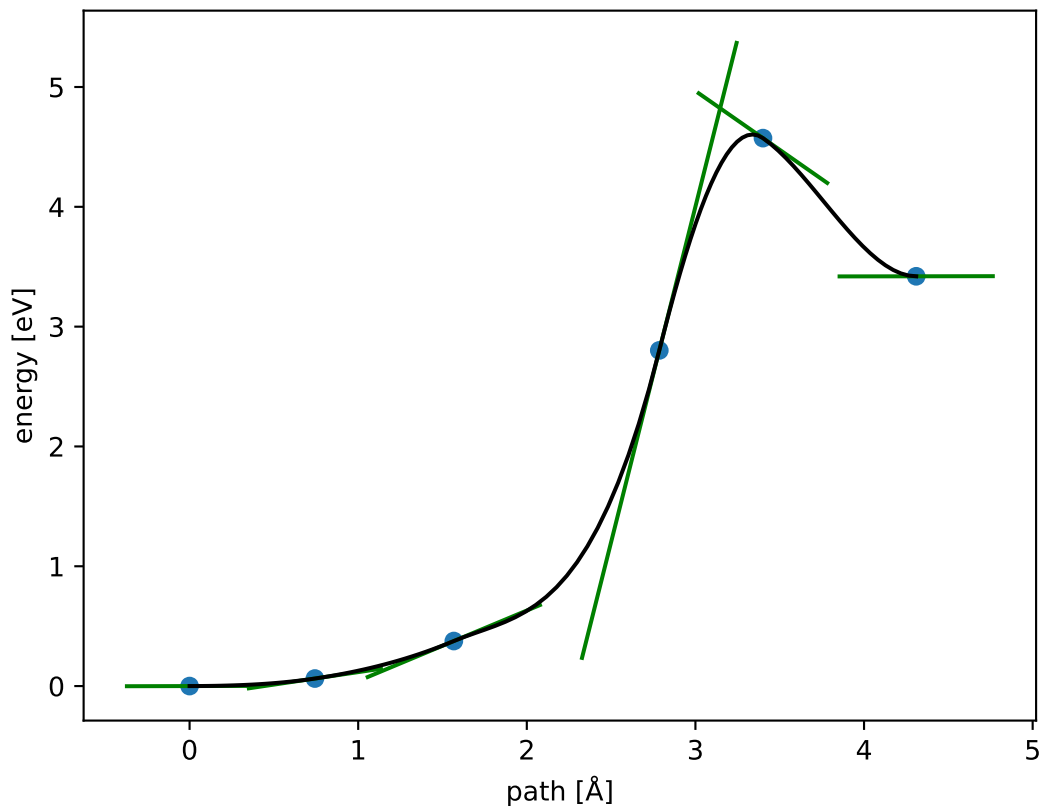
$$E_f \approx 4.579 \text{ eV}; E_r \approx 1.159 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



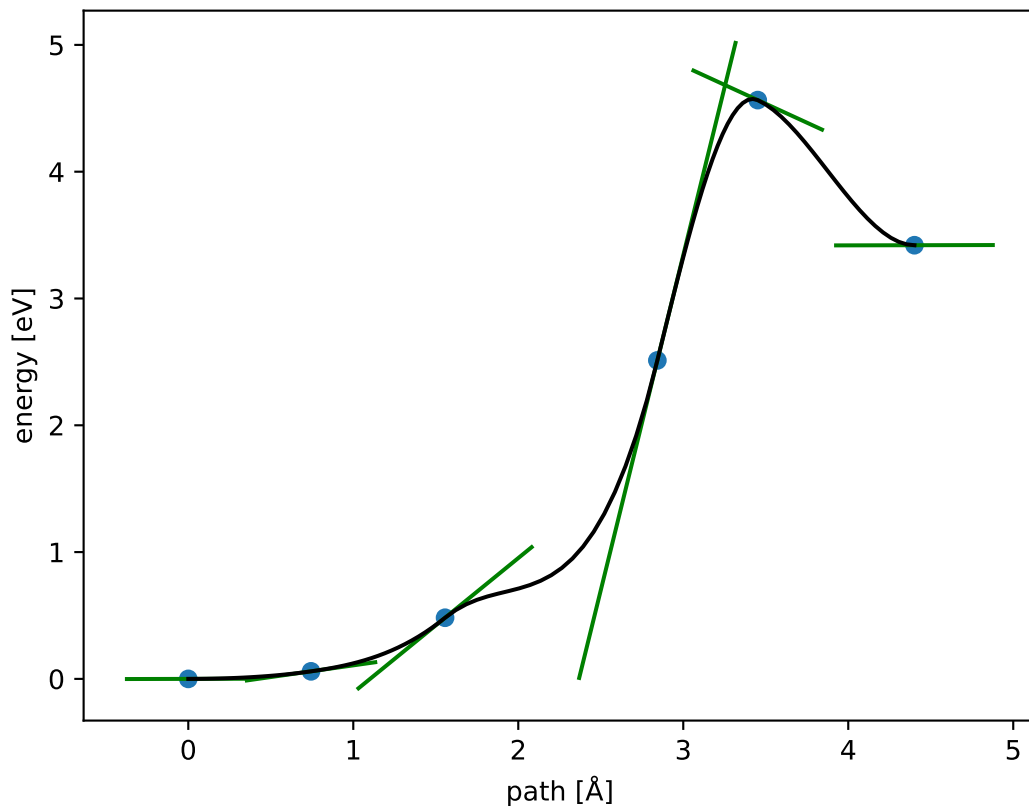
$$E_f \approx 4.576 \text{ eV}; E_r \approx 1.156 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



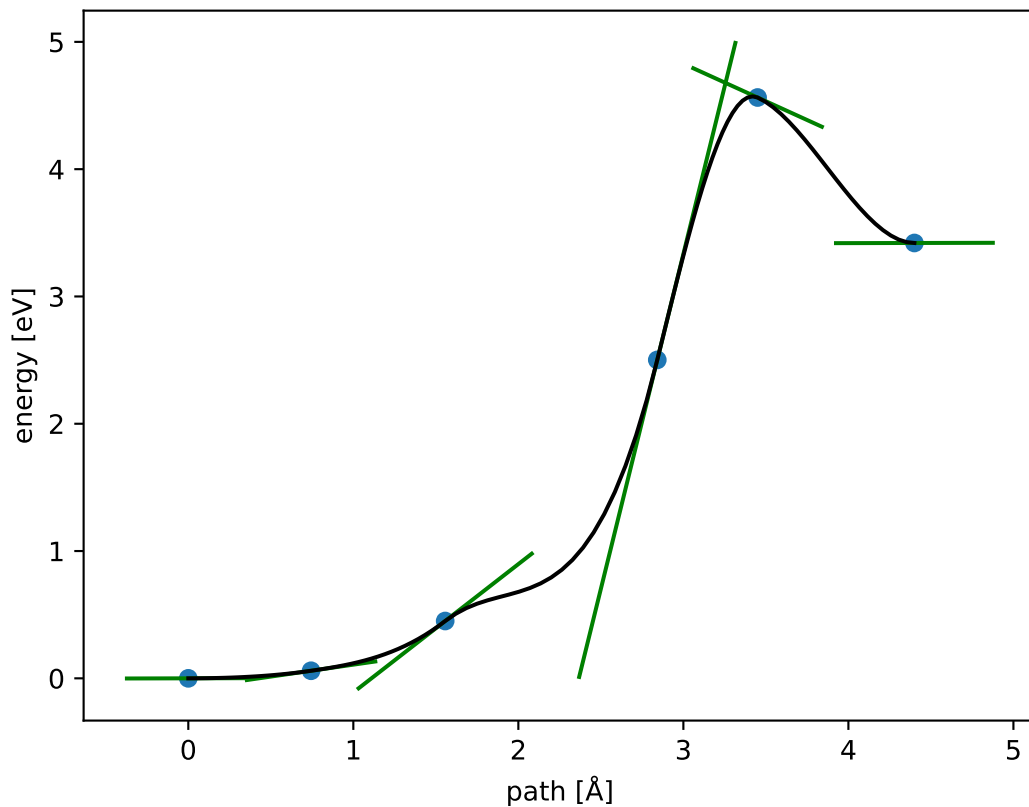
$$E_f \approx 4.573 \text{ eV}; E_r \approx 1.153 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



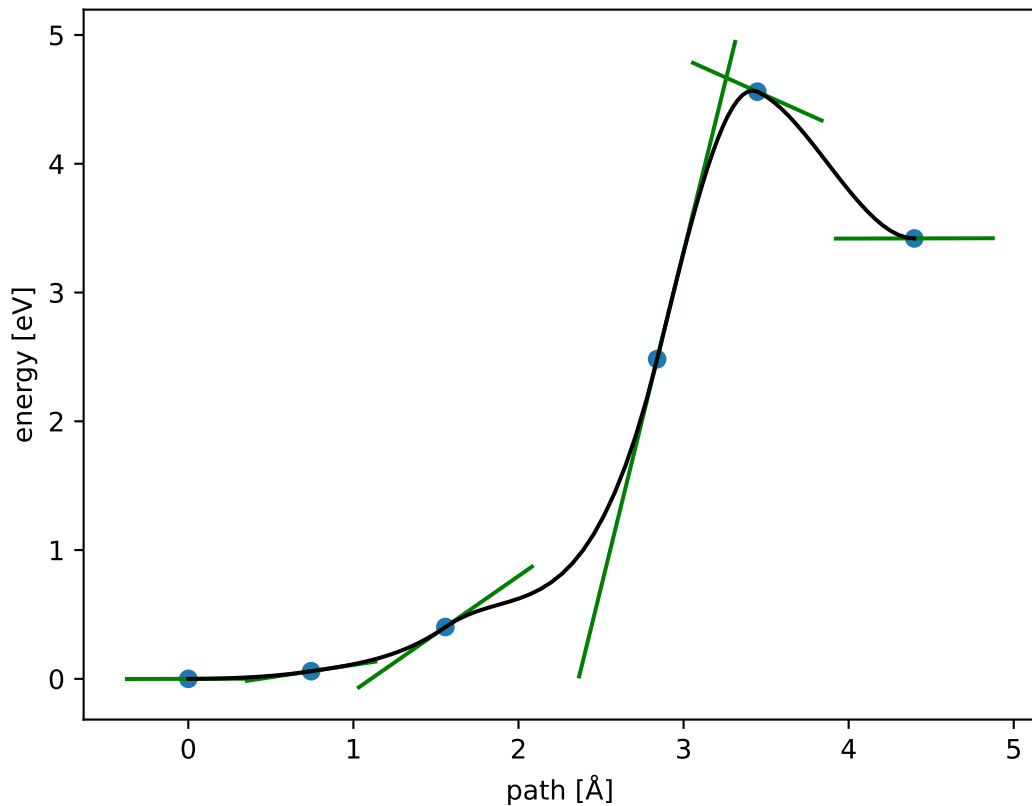
$$E_f \approx 4.565 \text{ eV}; E_r \approx 1.145 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



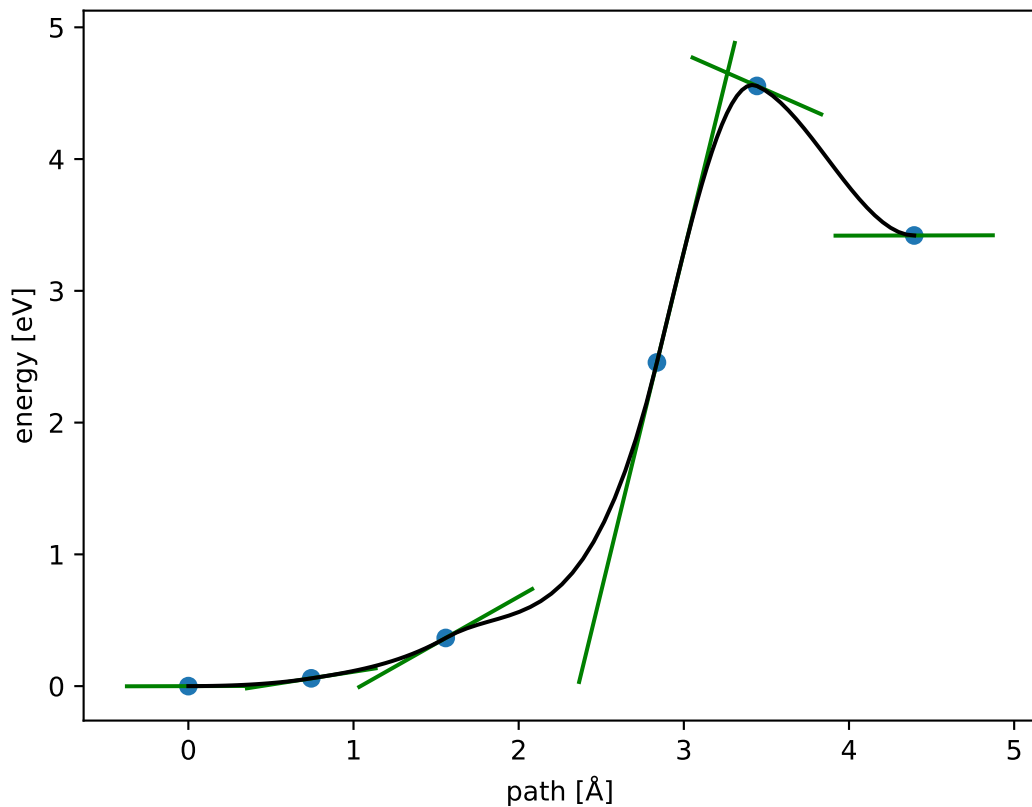
$$E_f \approx 4.563 \text{ eV}; E_r \approx 1.143 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



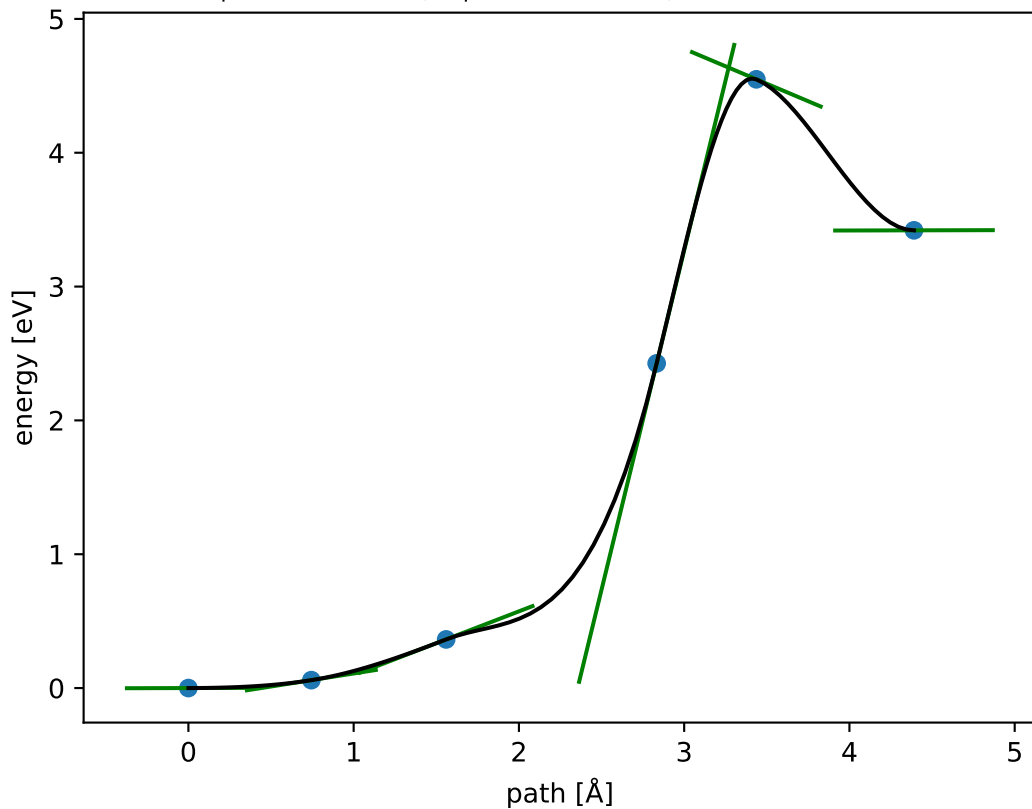
$$E_f \approx 4.560 \text{ eV}; E_r \approx 1.140 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



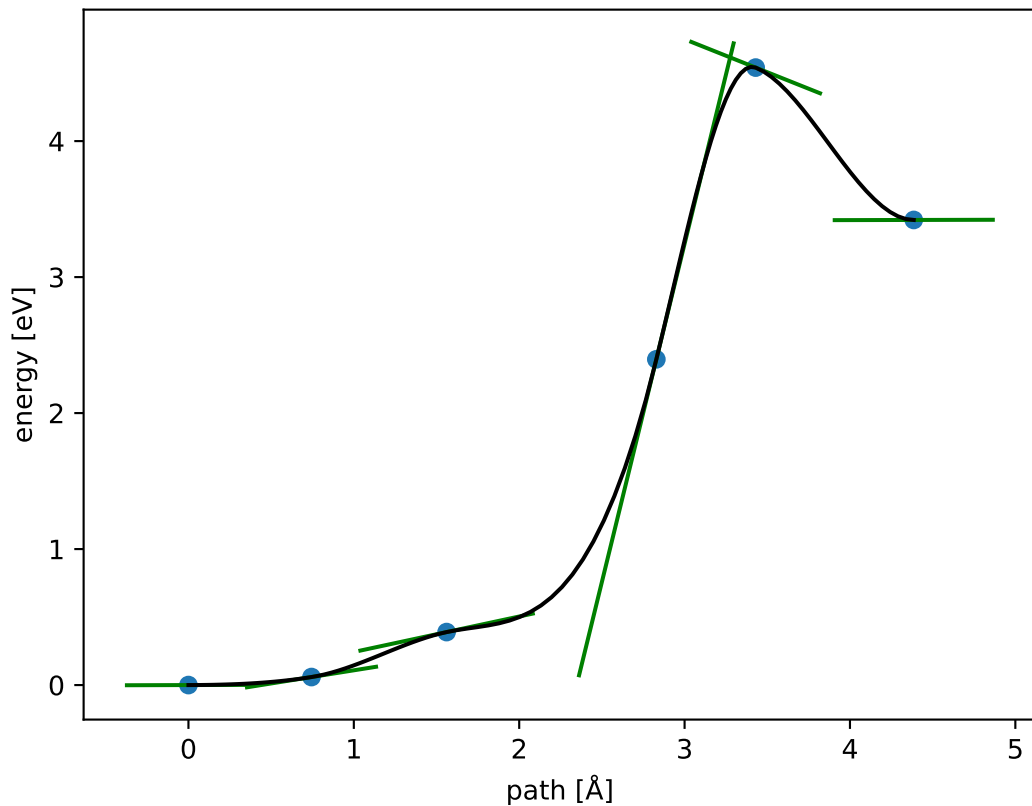
$$E_f \approx 4.555 \text{ eV}; E_r \approx 1.135 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



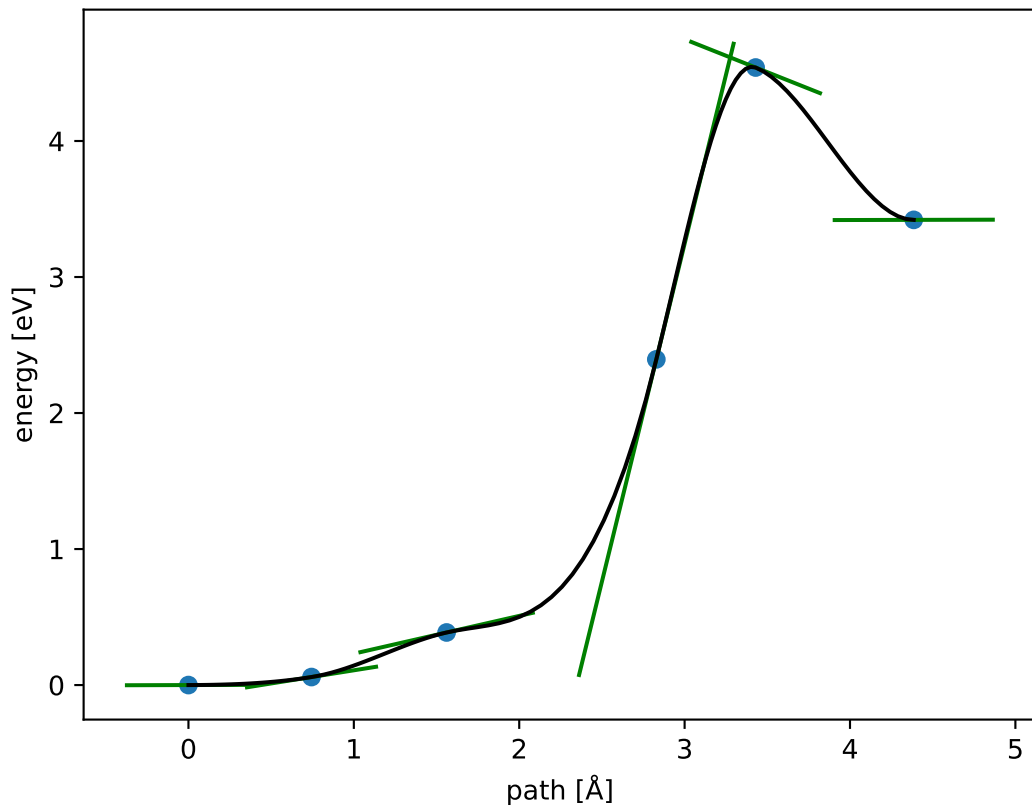
$$E_f \approx 4.549 \text{ eV}; E_r \approx 1.128 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



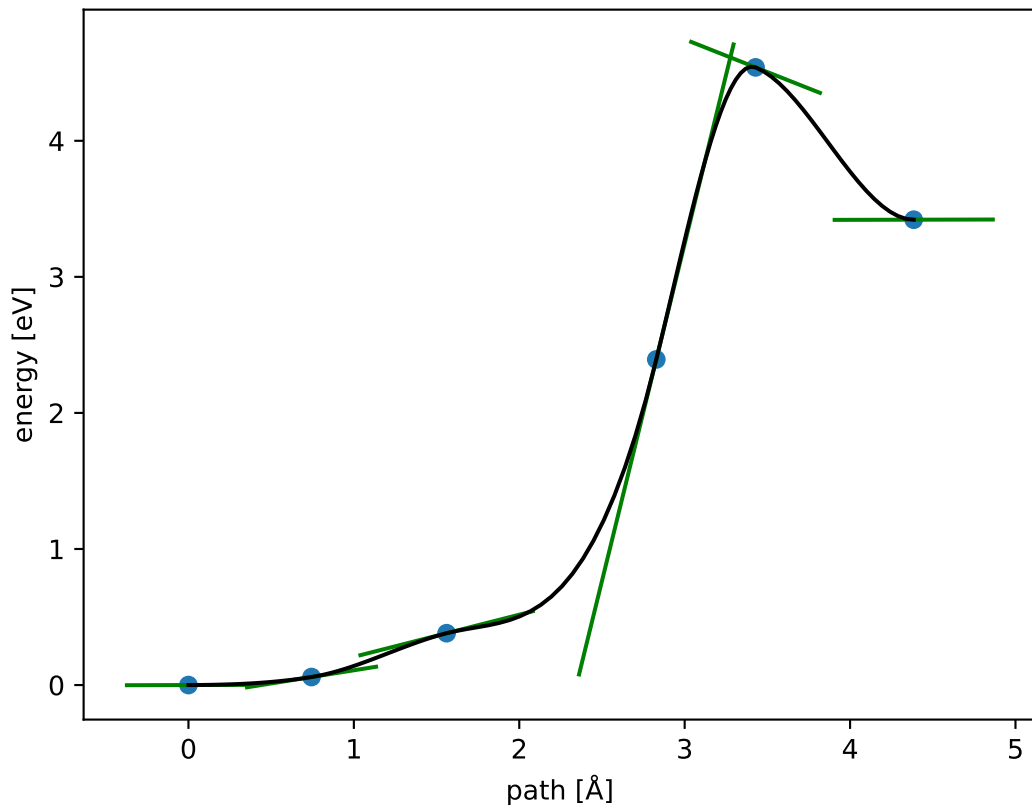
$$E_f \approx 4.541 \text{ eV}; E_r \approx 1.120 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



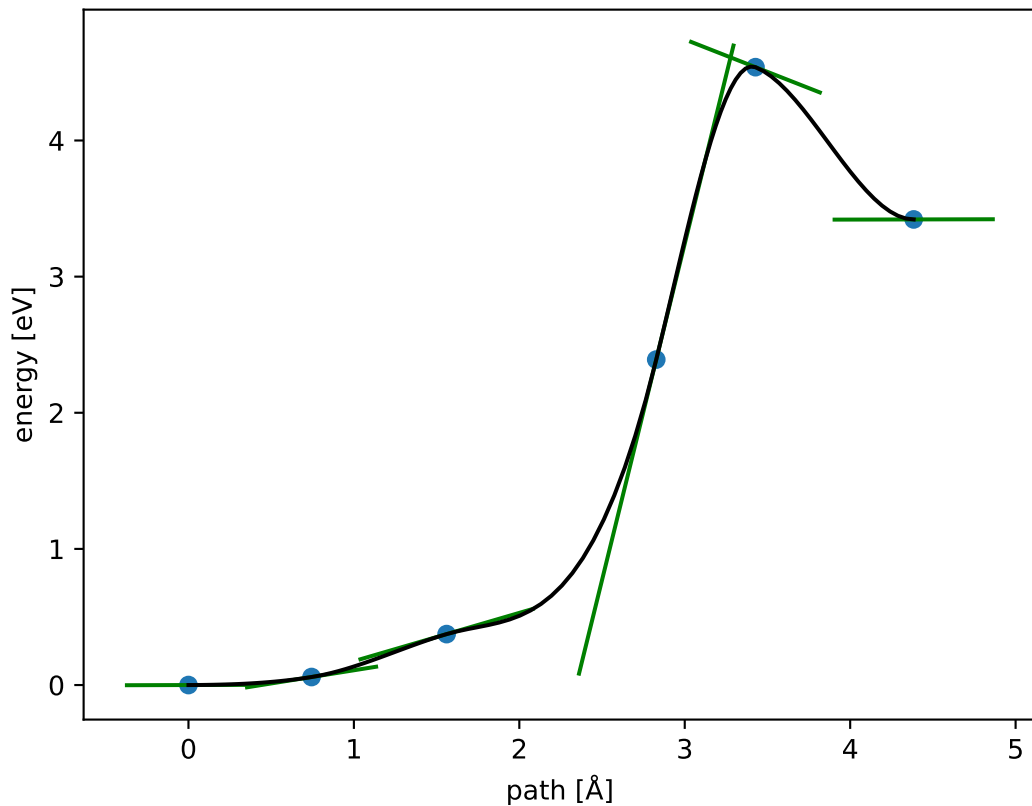
$$E_f \approx 4.540 \text{ eV}; E_r \approx 1.120 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



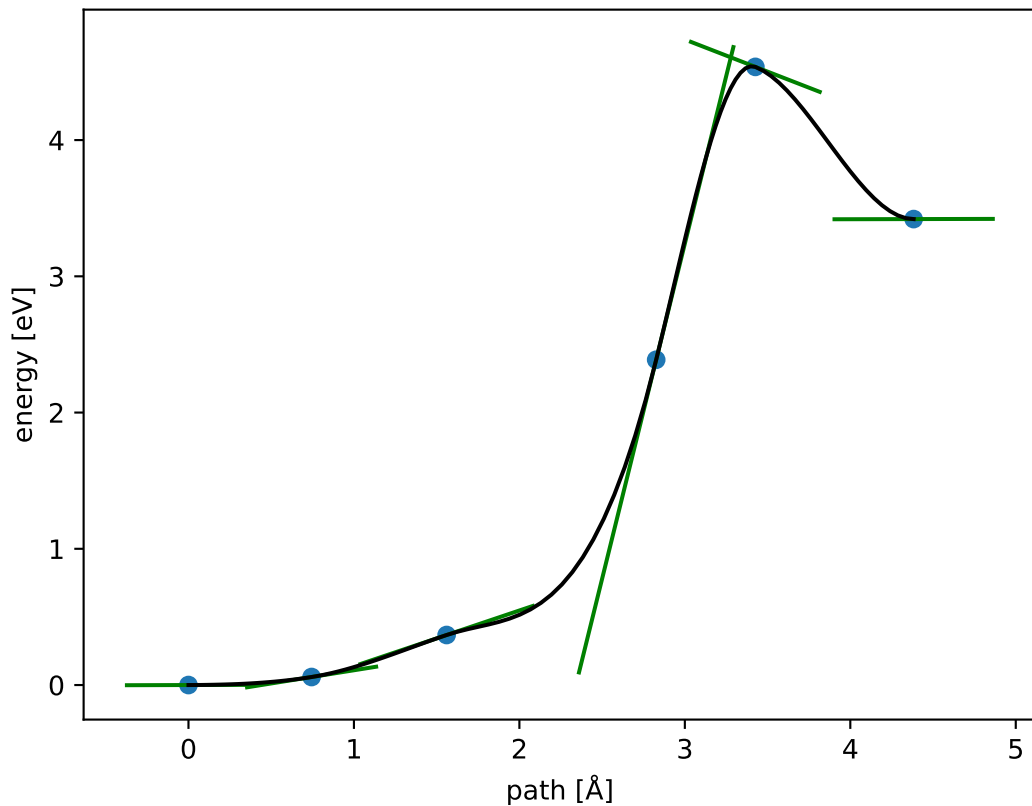
$$E_f \approx 4.540 \text{ eV}; E_r \approx 1.119 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



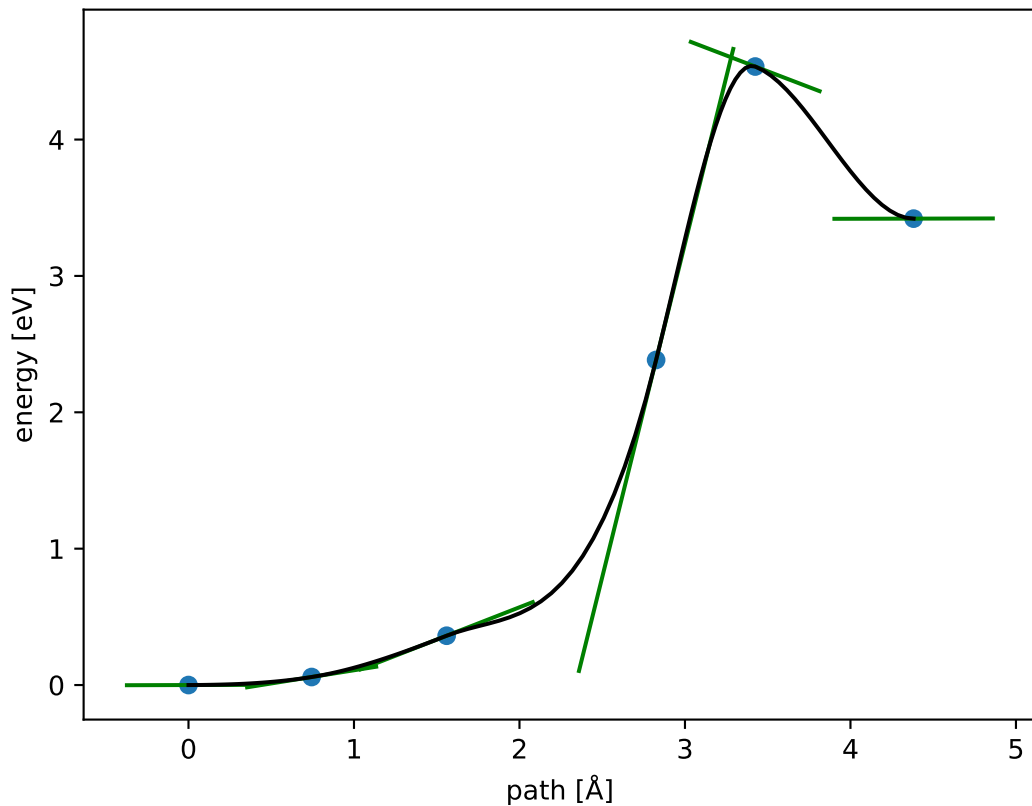
$$E_f \approx 4.539 \text{ eV}; E_r \approx 1.118 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



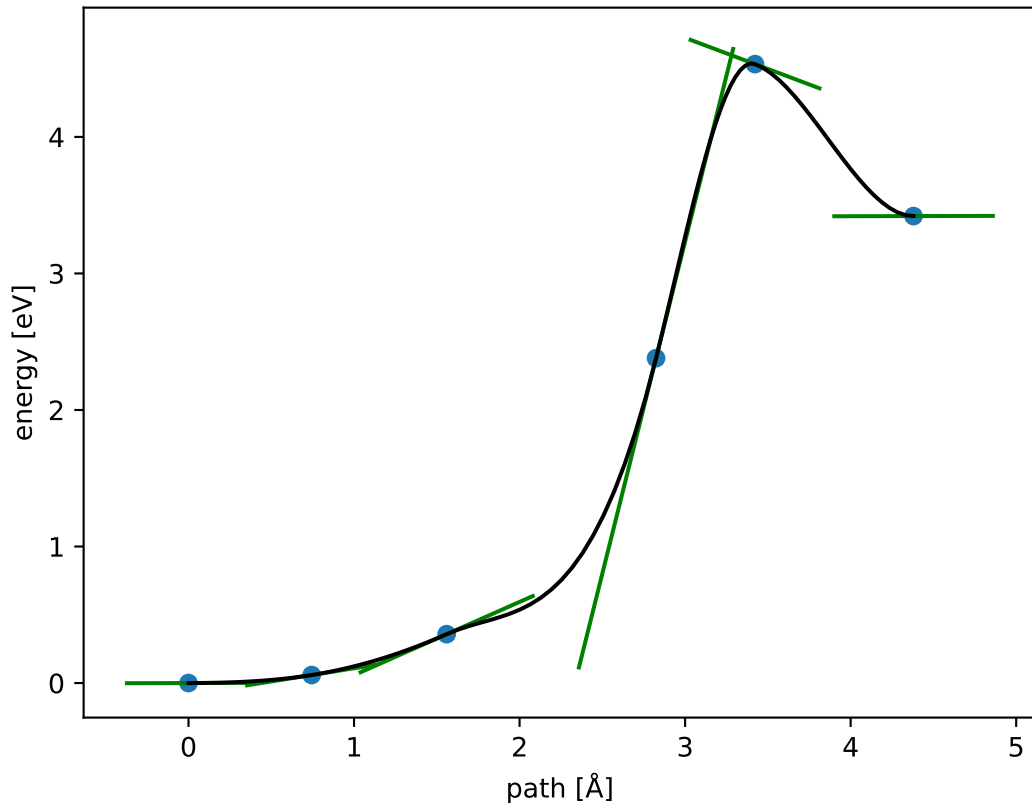
$$E_f \approx 4.537 \text{ eV}; E_r \approx 1.117 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



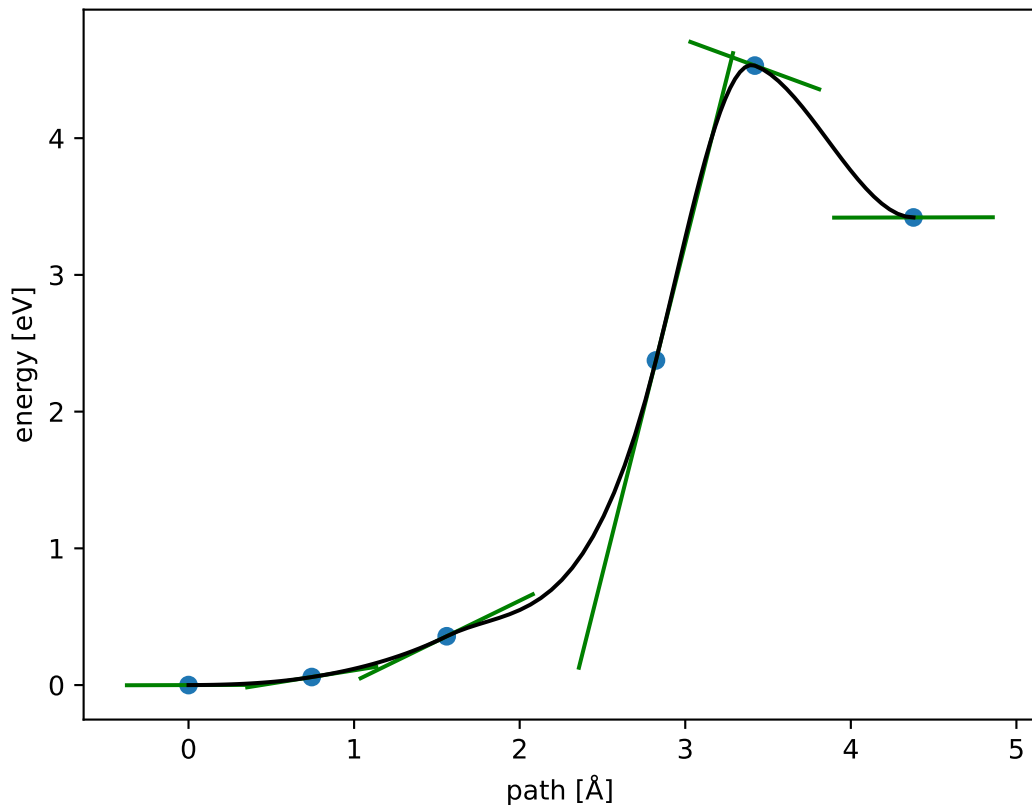
$$E_f \approx 4.535 \text{ eV}; E_r \approx 1.115 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



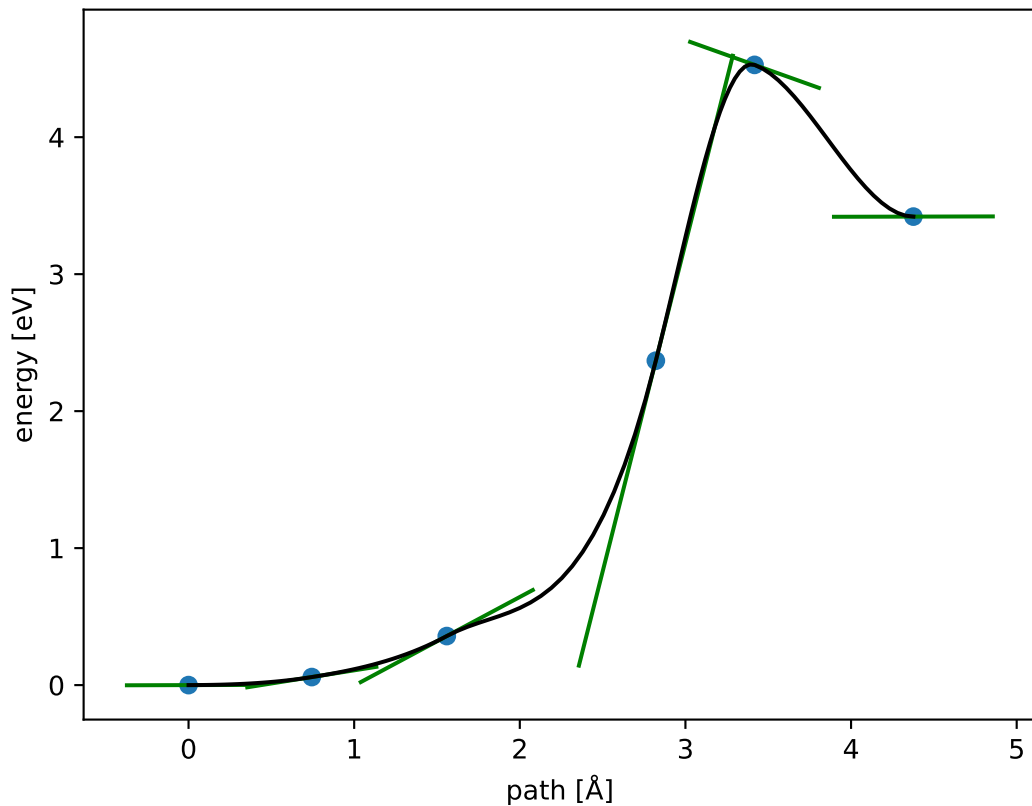
$$E_f \approx 4.533 \text{ eV}; E_r \approx 1.113 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



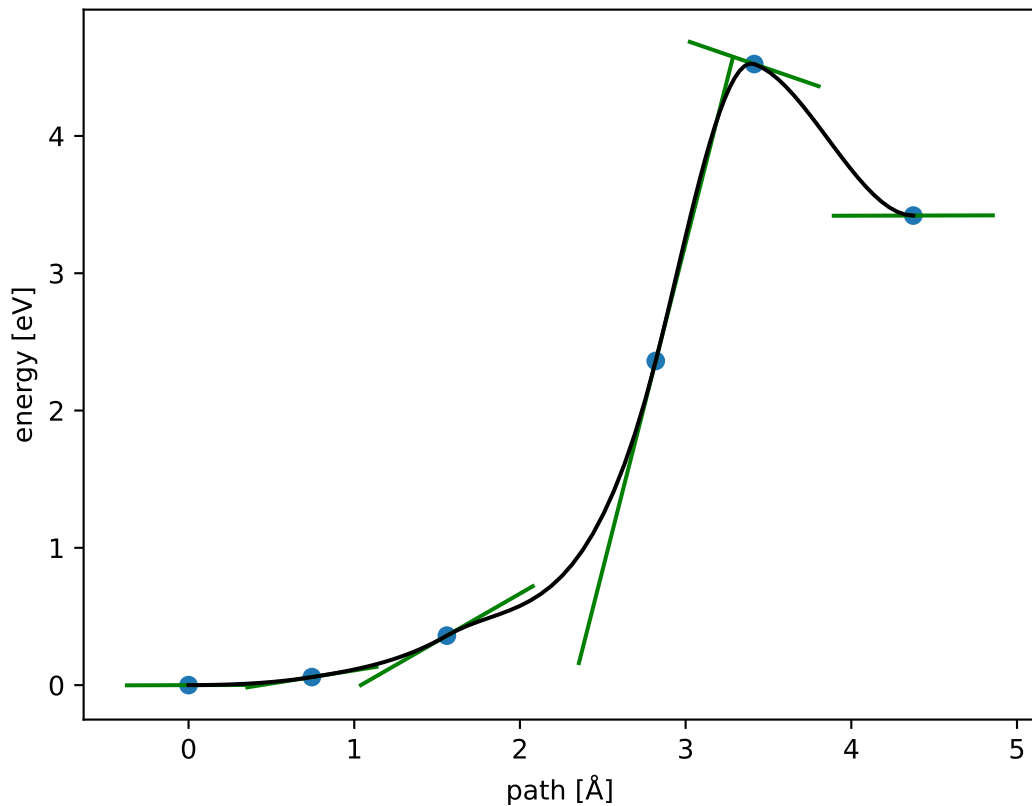
$$E_f \approx 4.531 \text{ eV}; E_r \approx 1.111 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



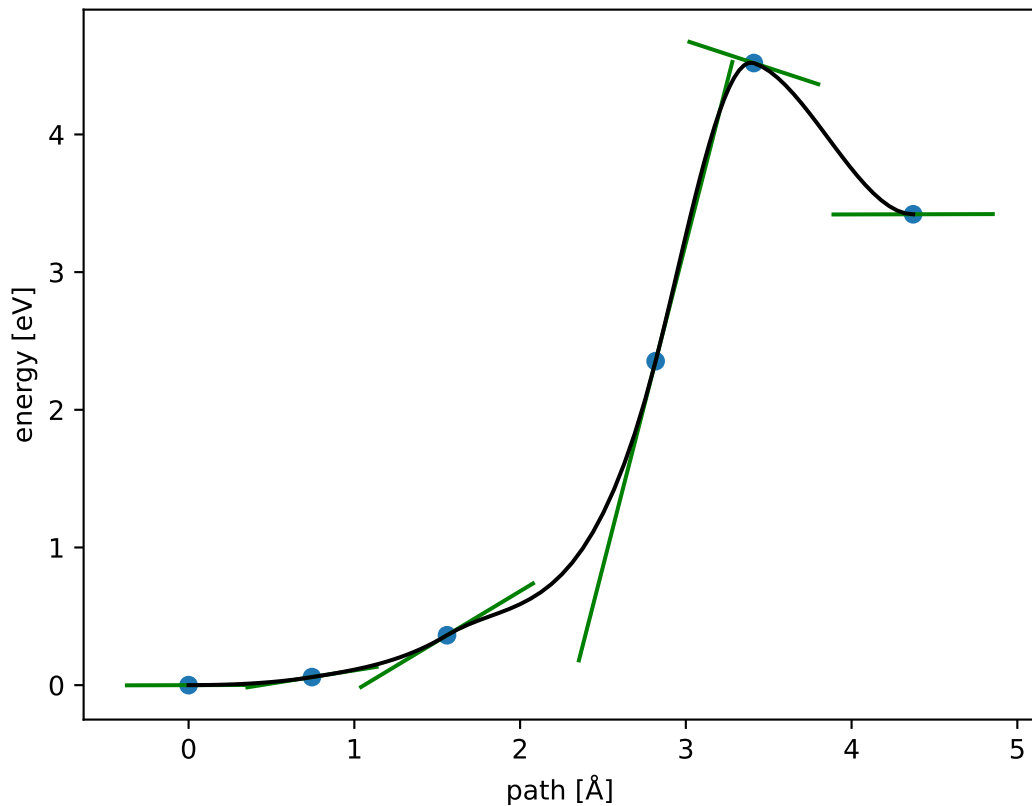
$$E_f \approx 4.528 \text{ eV}; E_r \approx 1.108 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



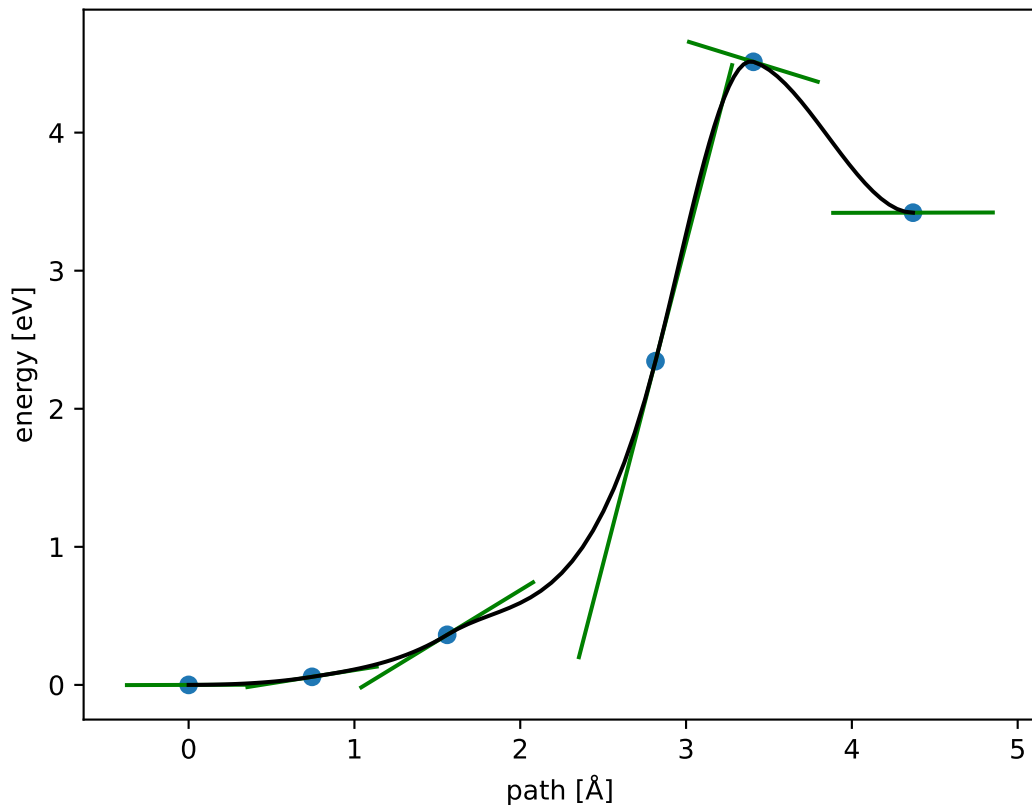
$$E_f \approx 4.524 \text{ eV}; E_r \approx 1.103 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



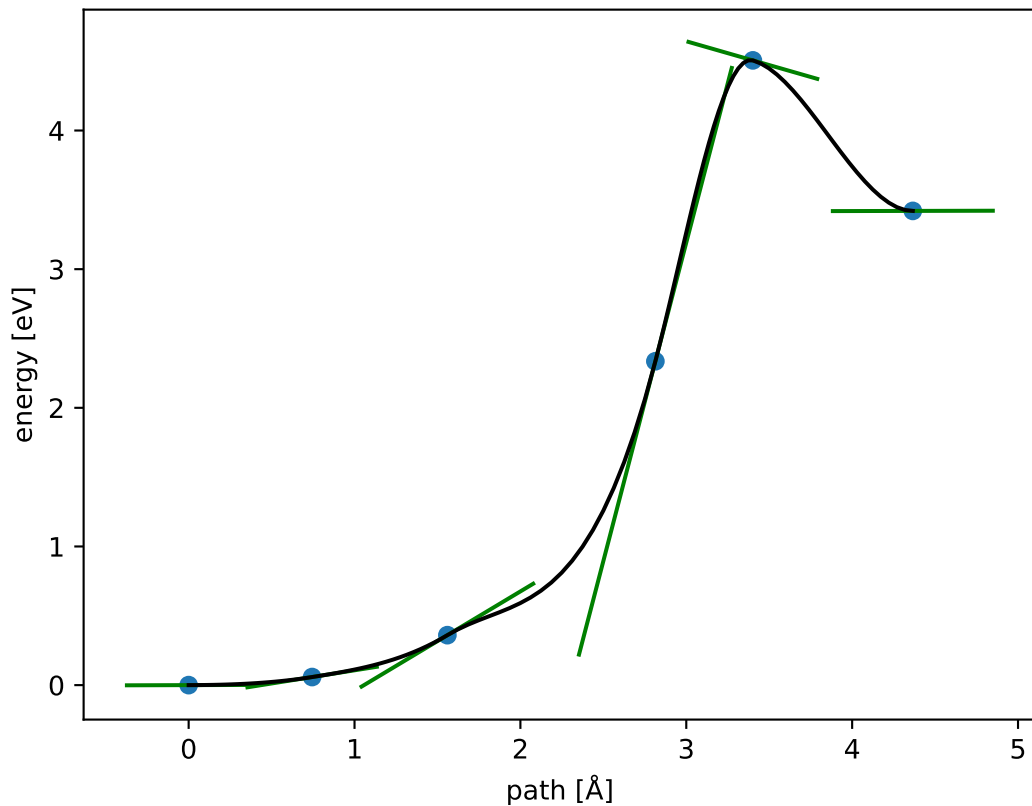
$$E_f \approx 4.519 \text{ eV}; E_r \approx 1.099 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



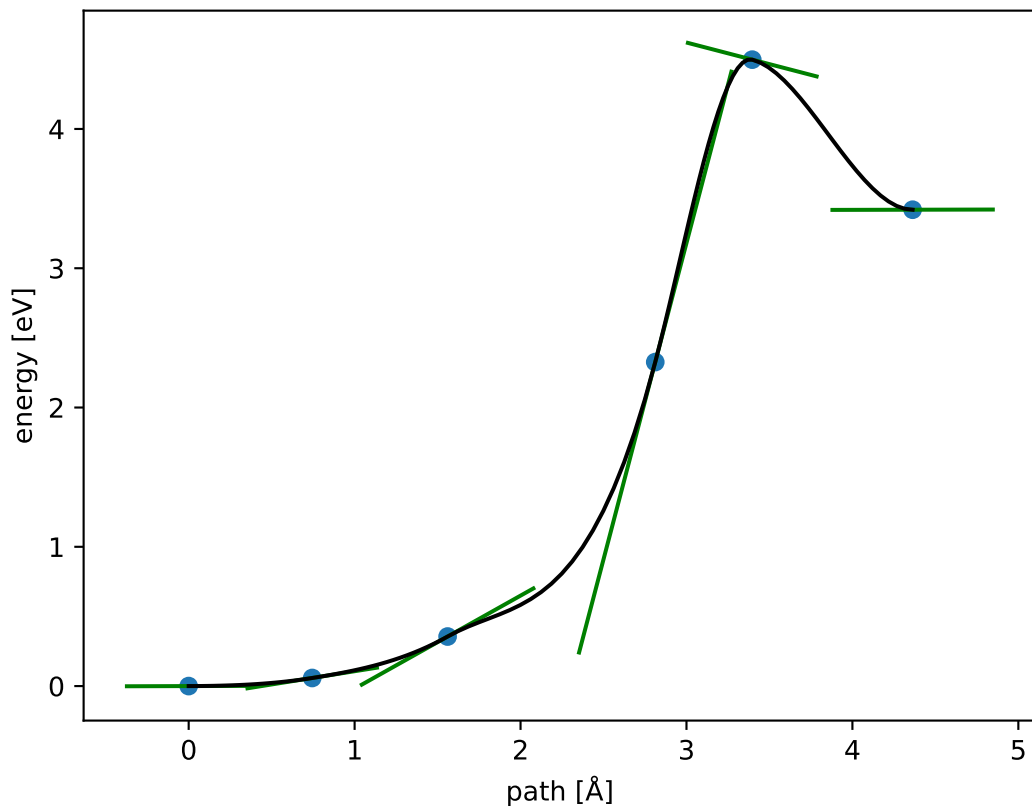
$$E_f \approx 4.513 \text{ eV}; E_r \approx 1.093 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



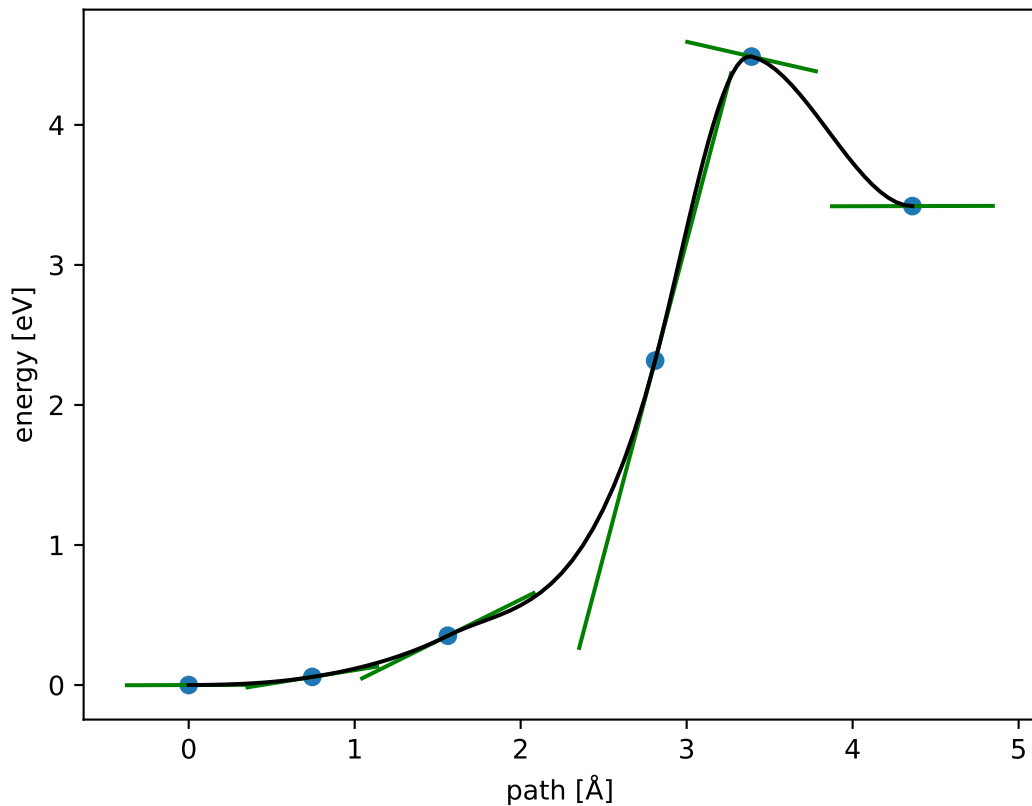
$$E_f \approx 4.506 \text{ eV}; E_r \approx 1.086 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



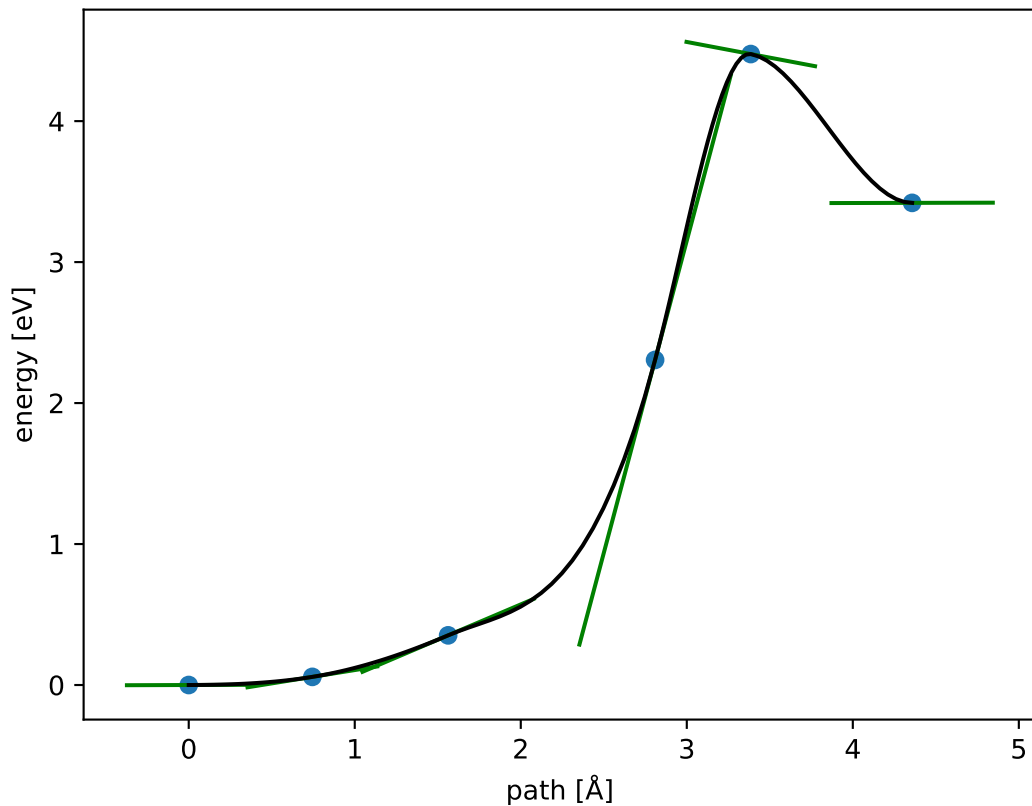
$$E_f \approx 4.498 \text{ eV}; E_r \approx 1.077 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



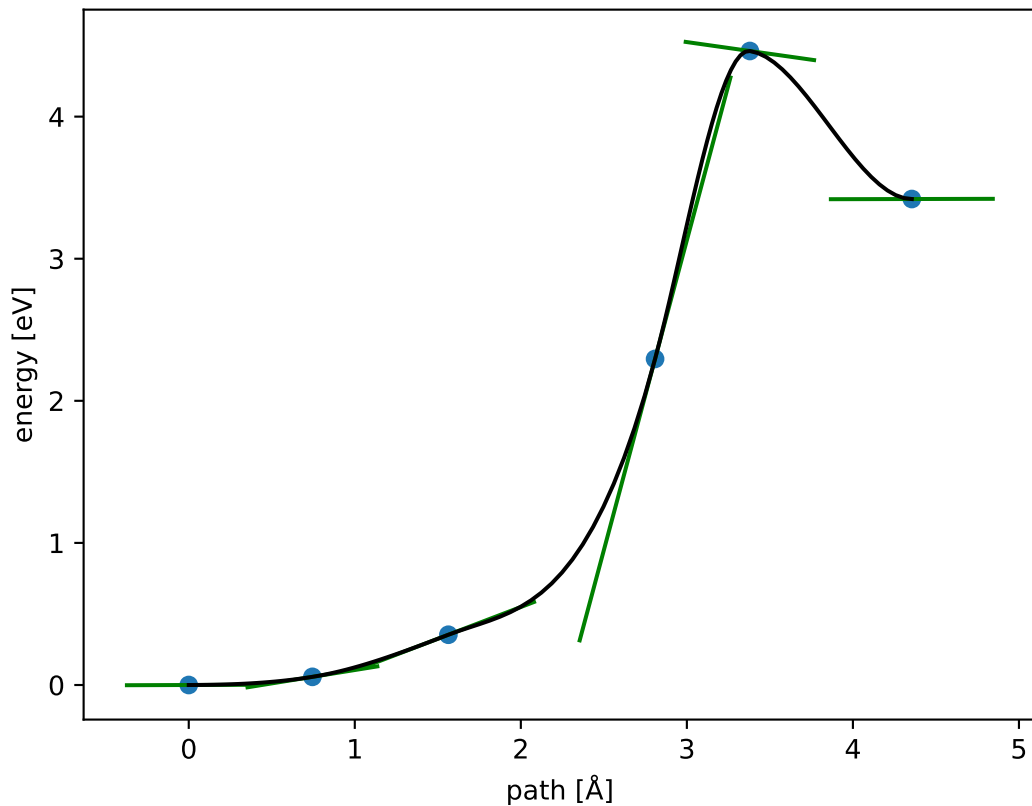
$$E_f \approx 4.488 \text{ eV}; E_r \approx 1.068 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



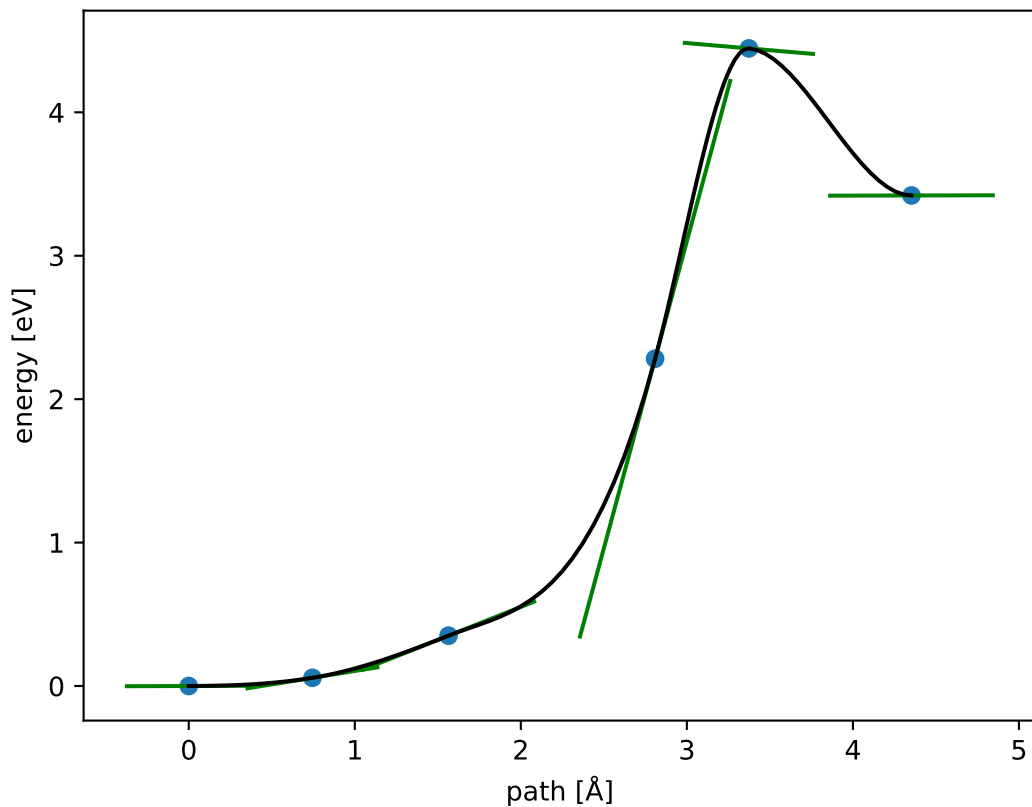
$$E_f \approx 4.476 \text{ eV}; E_r \approx 1.056 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



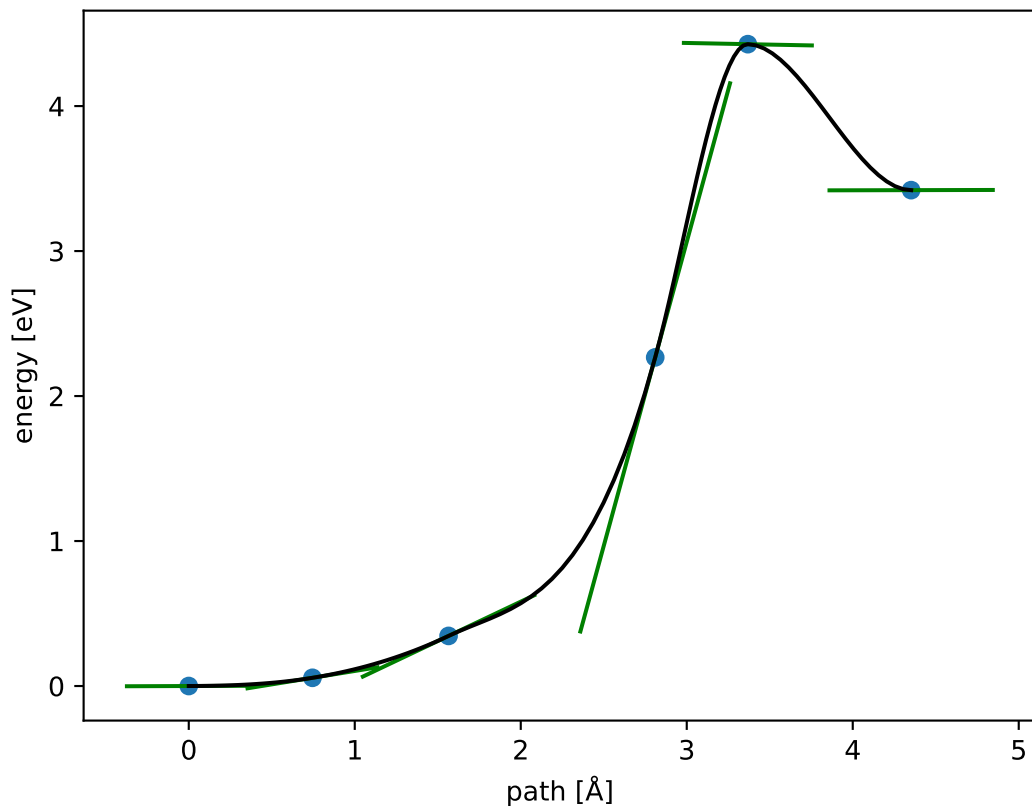
$$E_f \approx 4.462 \text{ eV}; E_r \approx 1.042 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



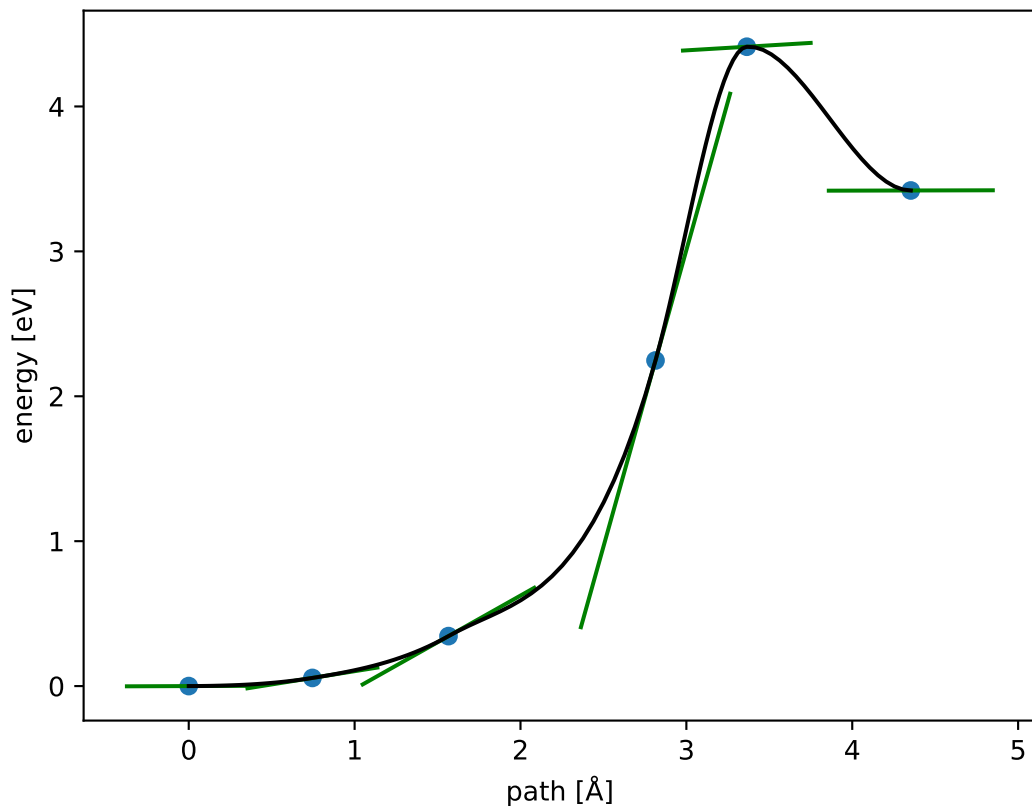
$$E_f \approx 4.446 \text{ eV}; E_r \approx 1.025 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



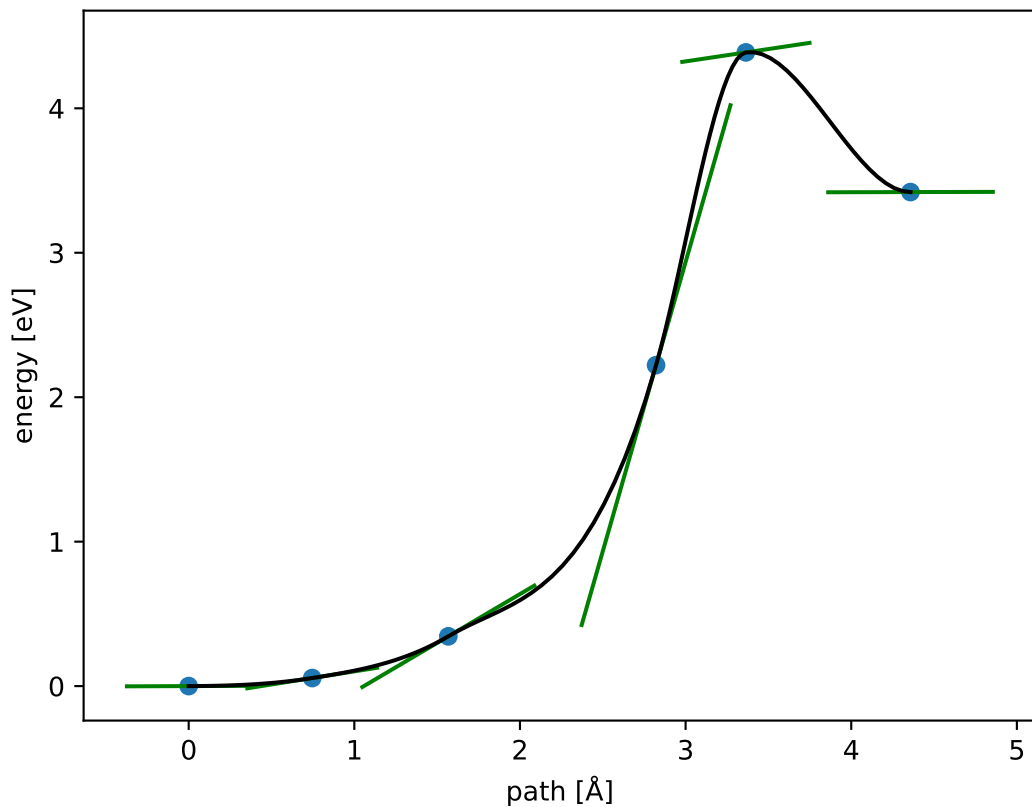
$$E_f \approx 4.427 \text{ eV}; E_r \approx 1.007 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



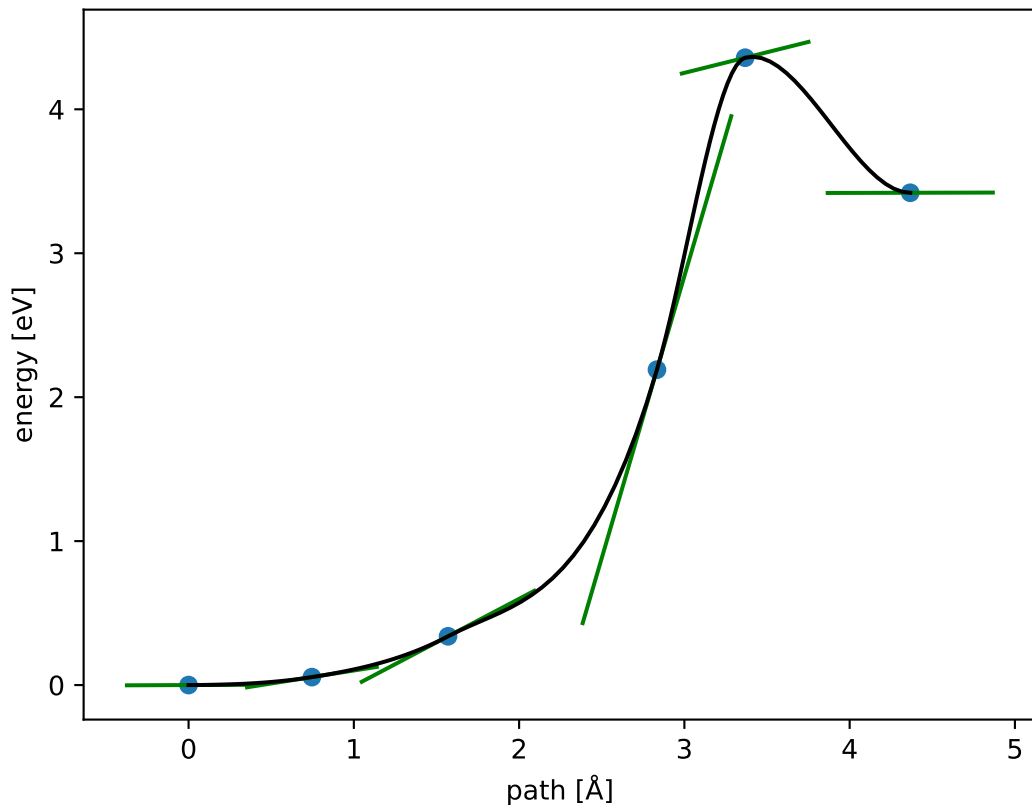
$$E_f \approx 4.412 \text{ eV}; E_r \approx 0.992 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



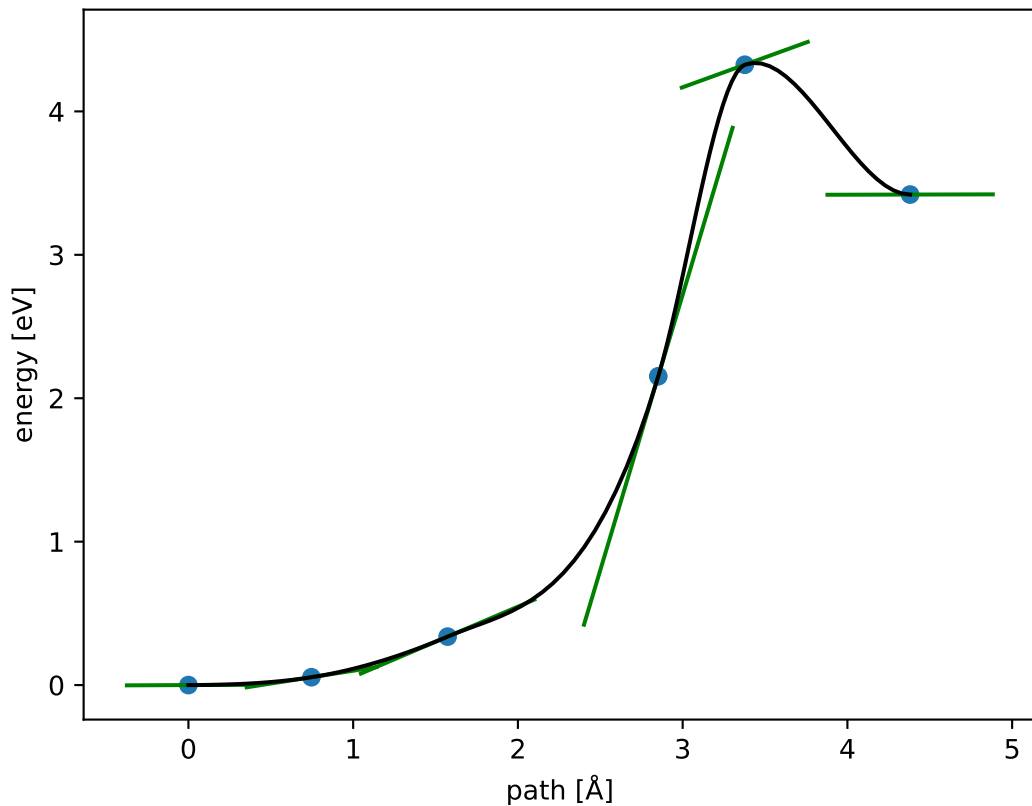
$$E_f \approx 4.387 \text{ eV}; E_r \approx 0.967 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



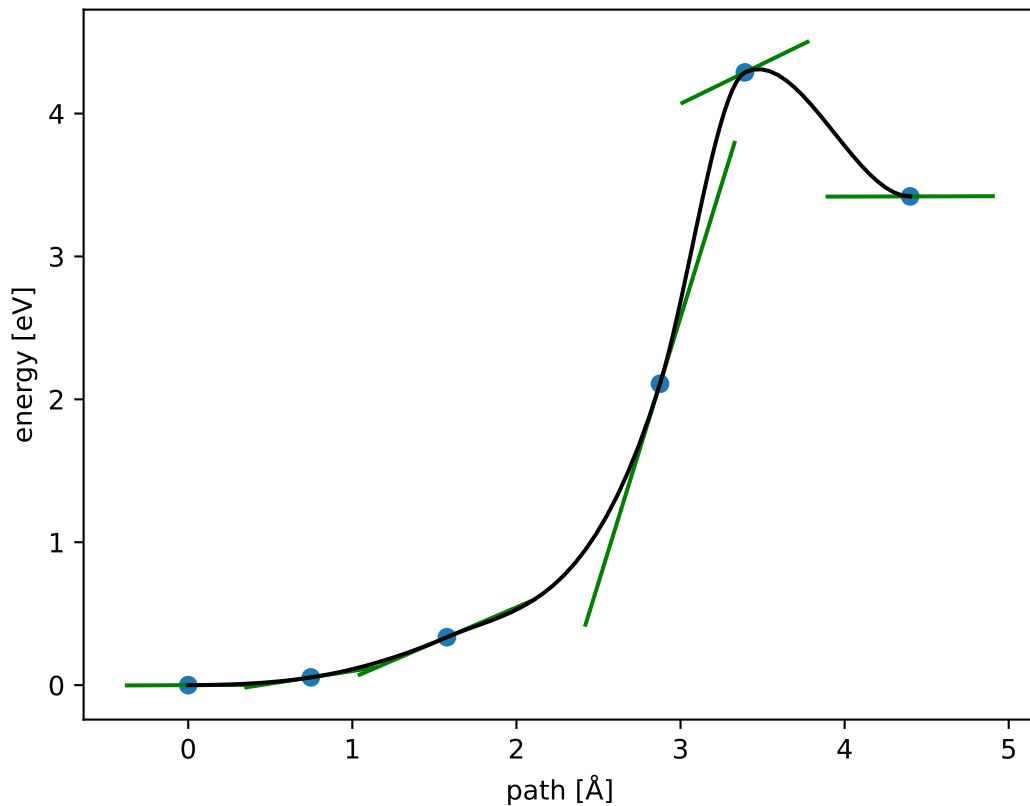
$$E_f \approx 4.358 \text{ eV}; E_r \approx 0.938 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



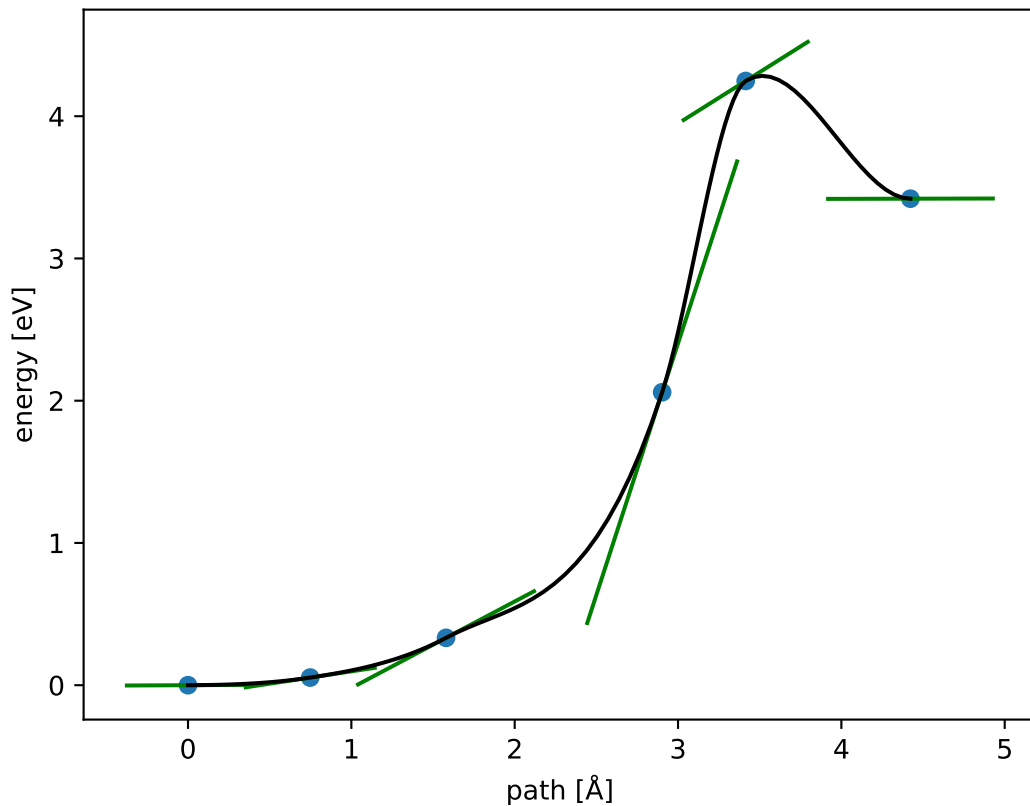
$$E_f \approx 4.325 \text{ eV}; E_r \approx 0.905 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



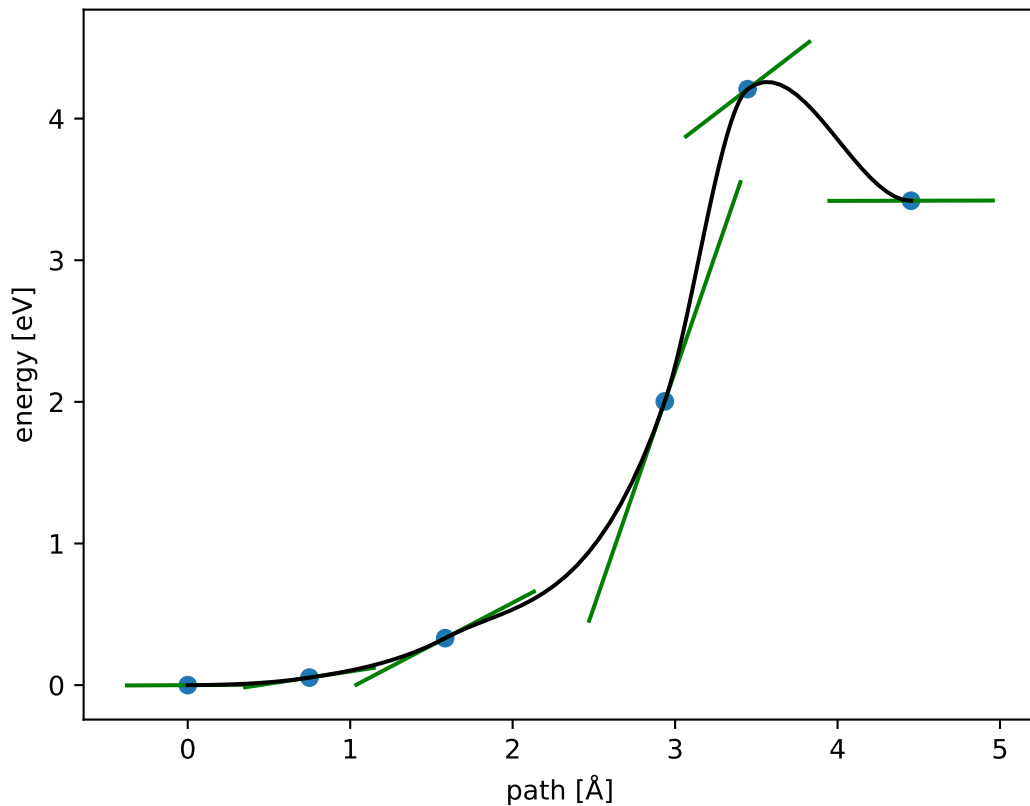
$$E_f \approx 4.288 \text{ eV}; E_r \approx 0.868 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



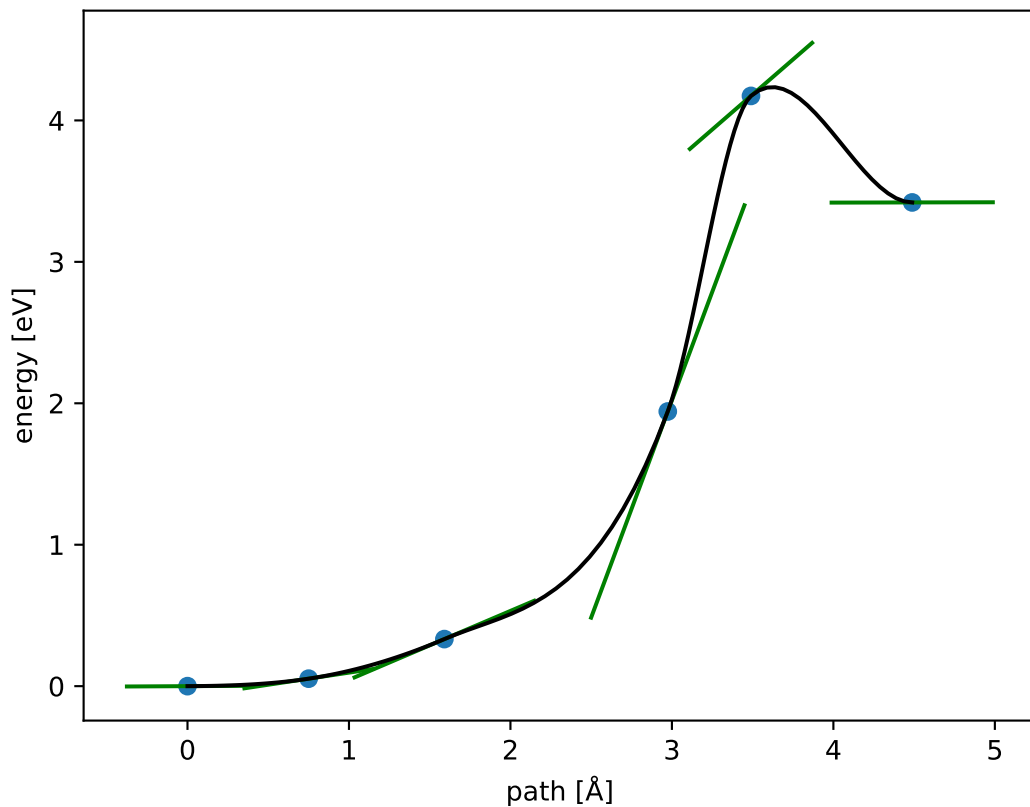
$$E_f \approx 4.248 \text{ eV}; E_r \approx 0.828 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



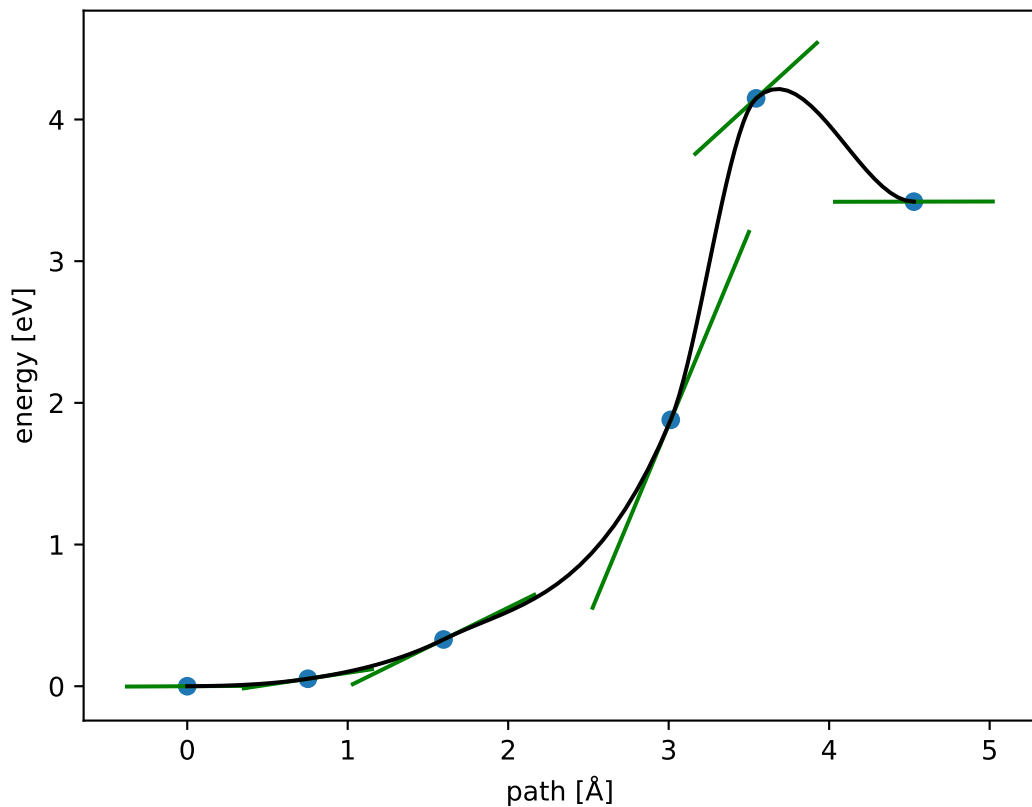
$$E_f \approx 4.208 \text{ eV}; E_r \approx 0.788 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



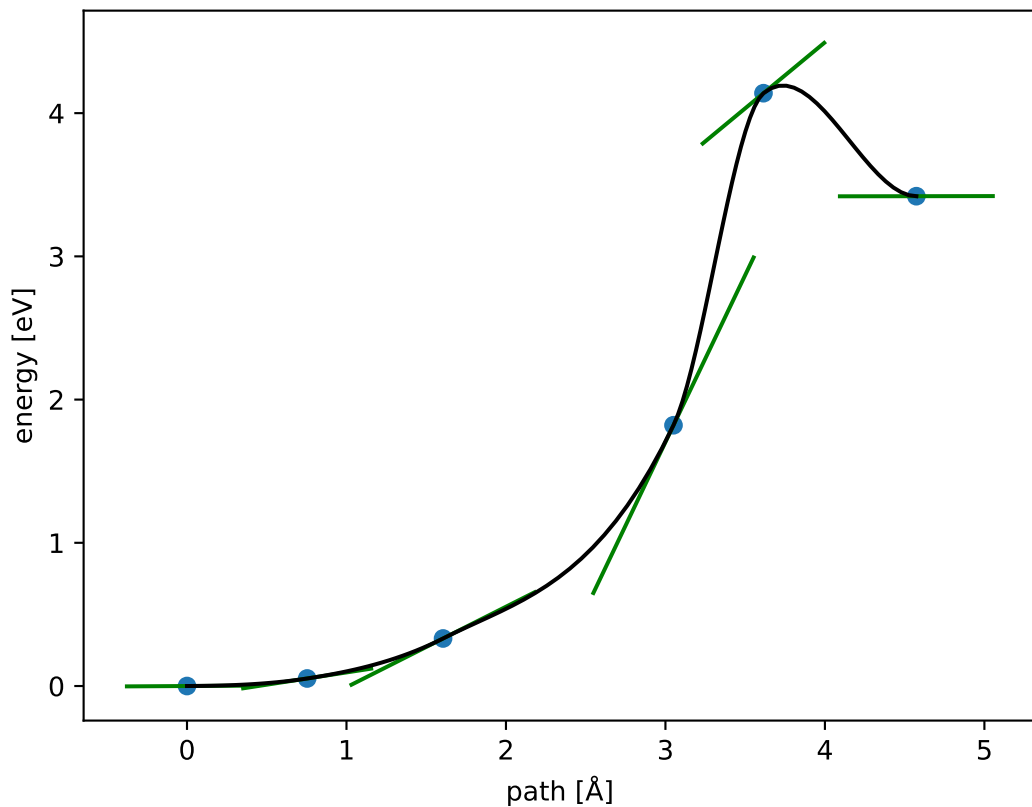
$$E_f \approx 4.173 \text{ eV}; E_r \approx 0.753 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



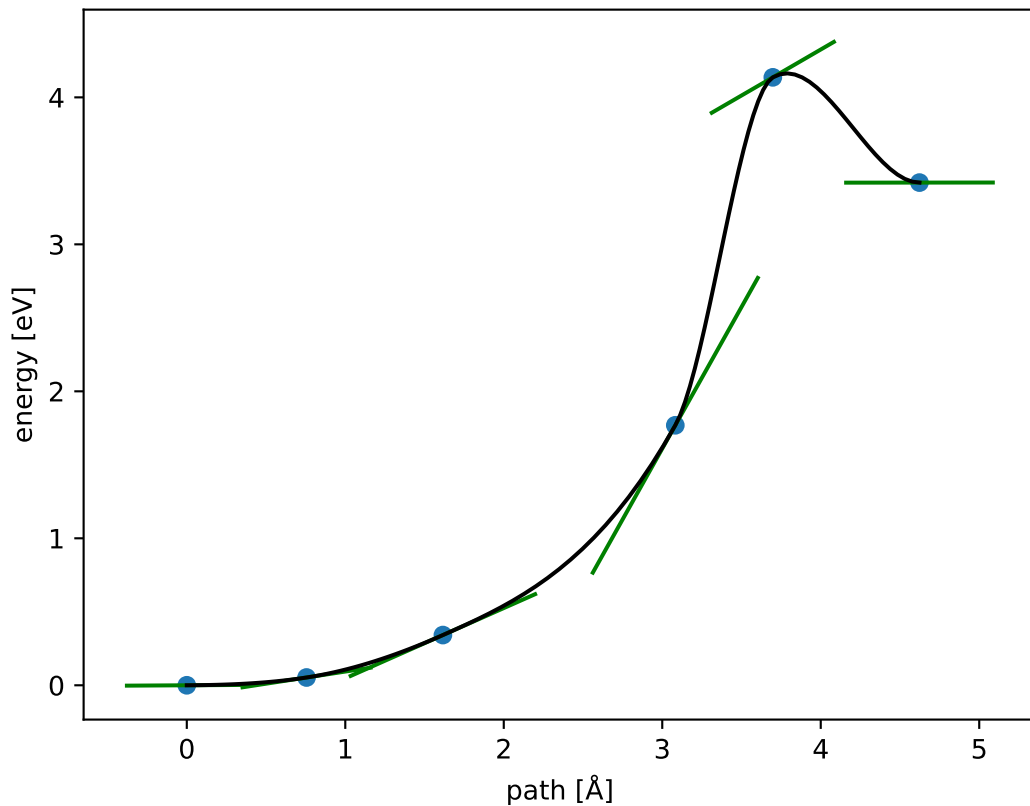
$$E_f \approx 4.149 \text{ eV}; E_r \approx 0.729 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



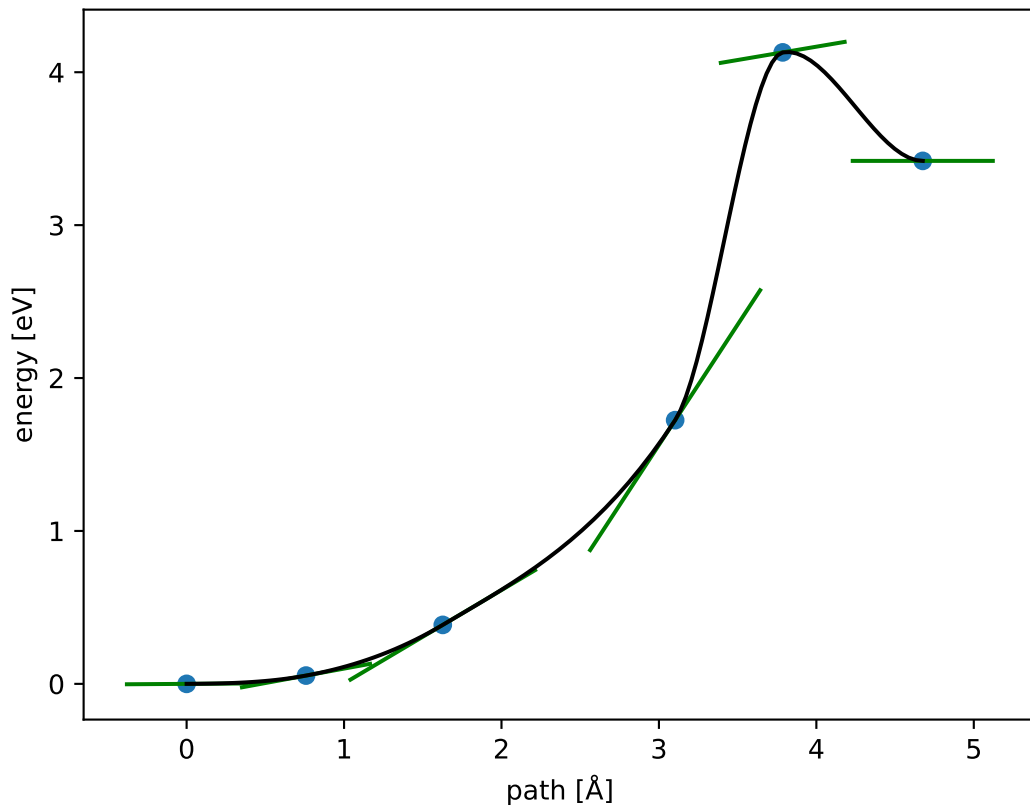
$$E_f \approx 4.139 \text{ eV}; E_r \approx 0.719 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



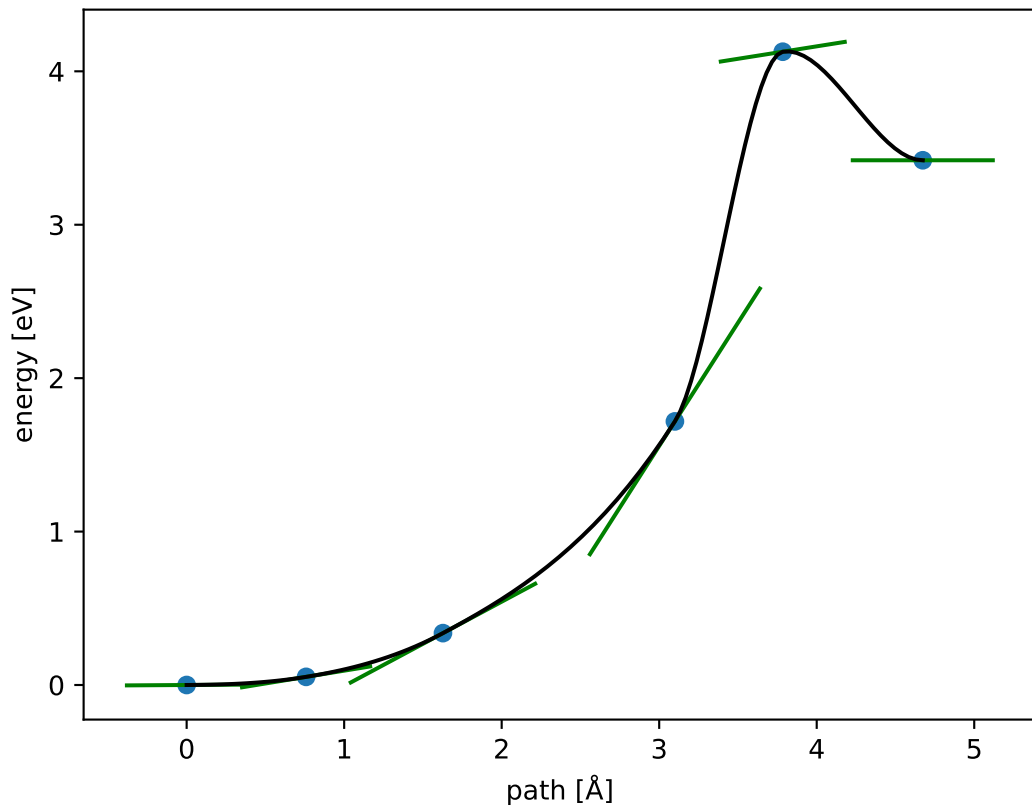
$$E_f \approx 4.136 \text{ eV}; E_r \approx 0.716 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



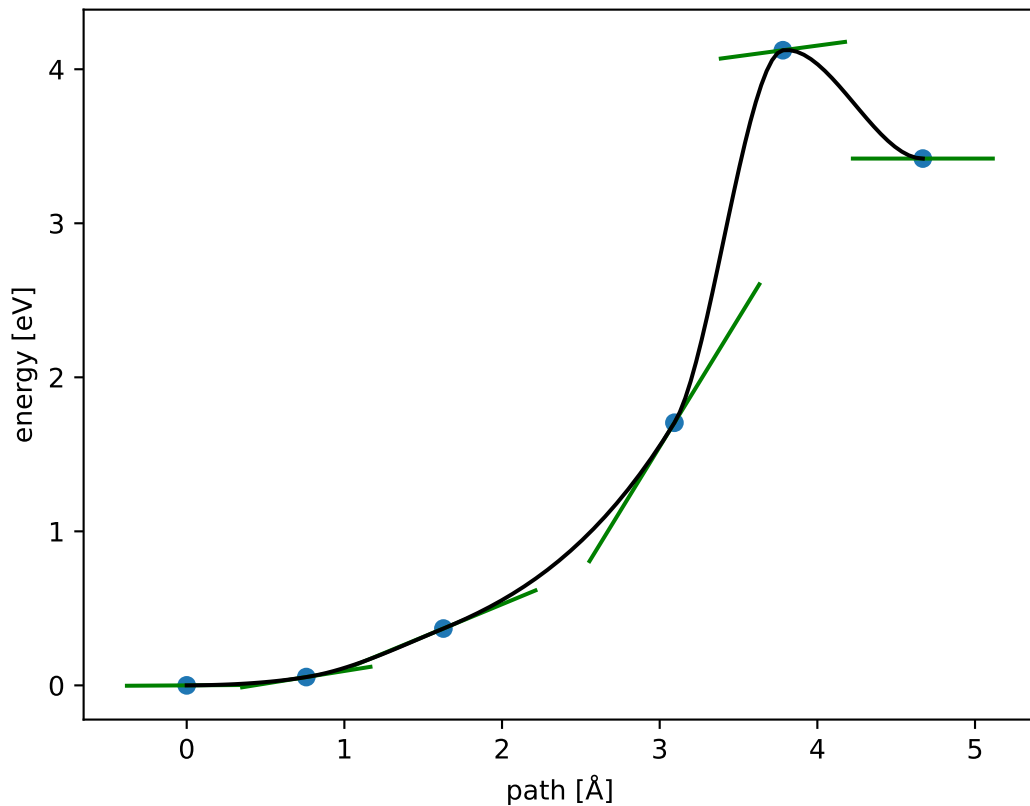
$$E_f \approx 4.130 \text{ eV}; E_r \approx 0.710 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



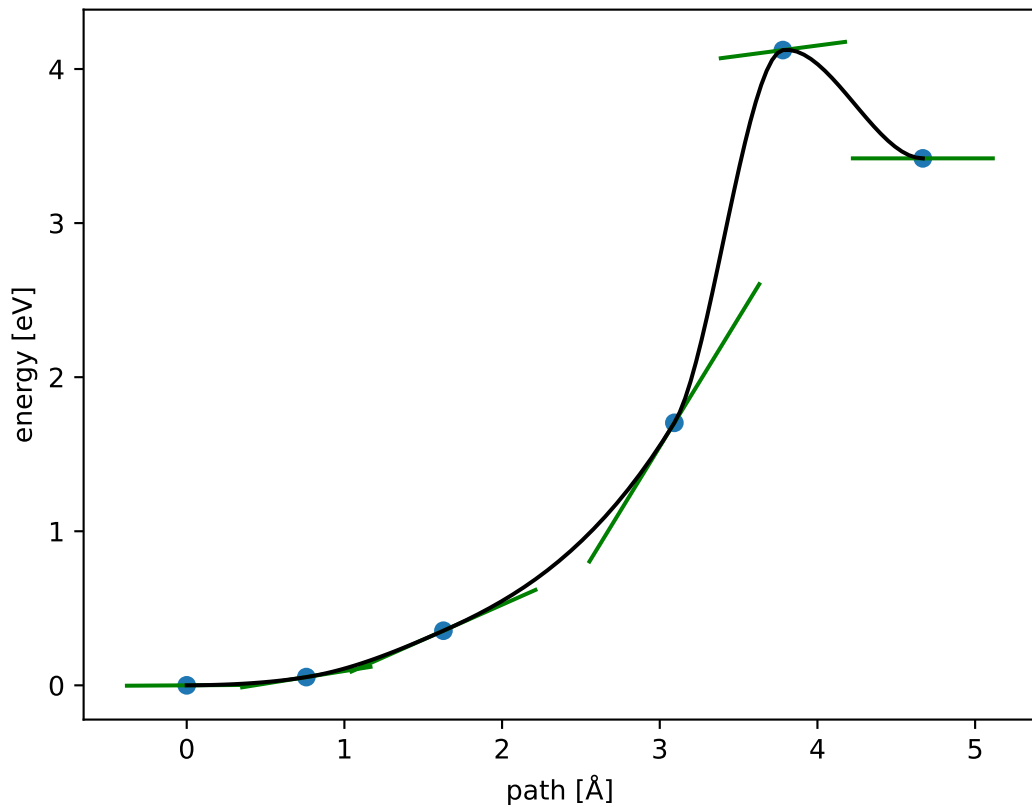
$$E_f \approx 4.128 \text{ eV}; E_r \approx 0.708 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



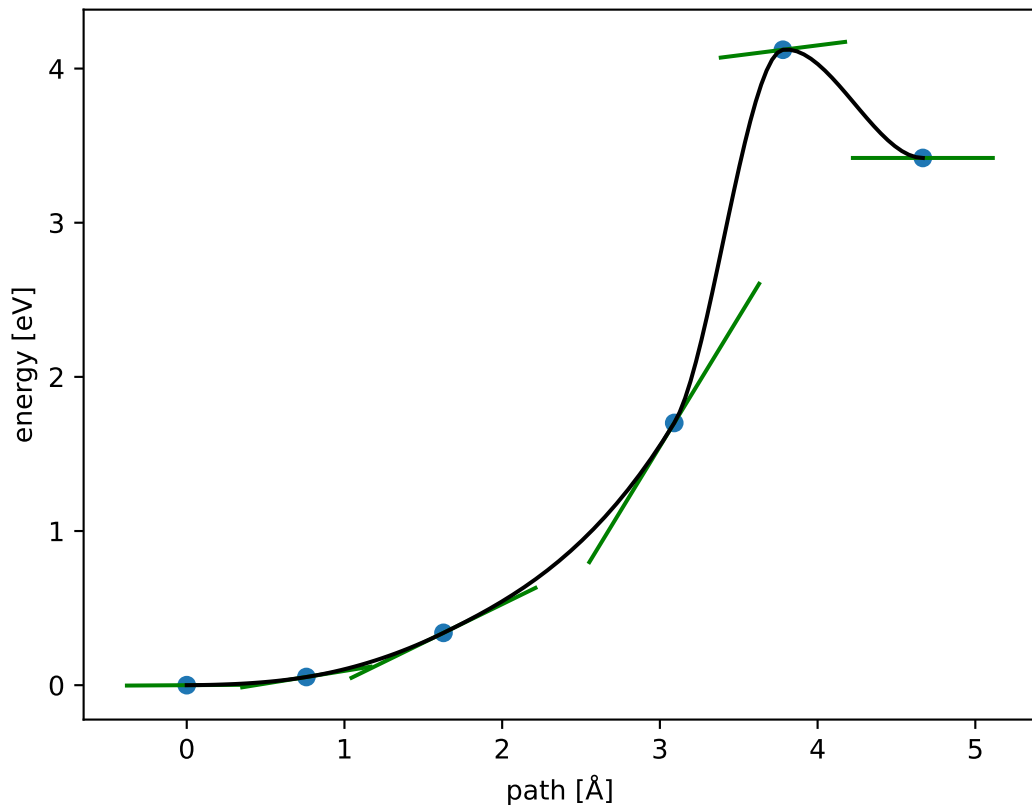
$$E_f \approx 4.123 \text{ eV}; E_r \approx 0.703 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



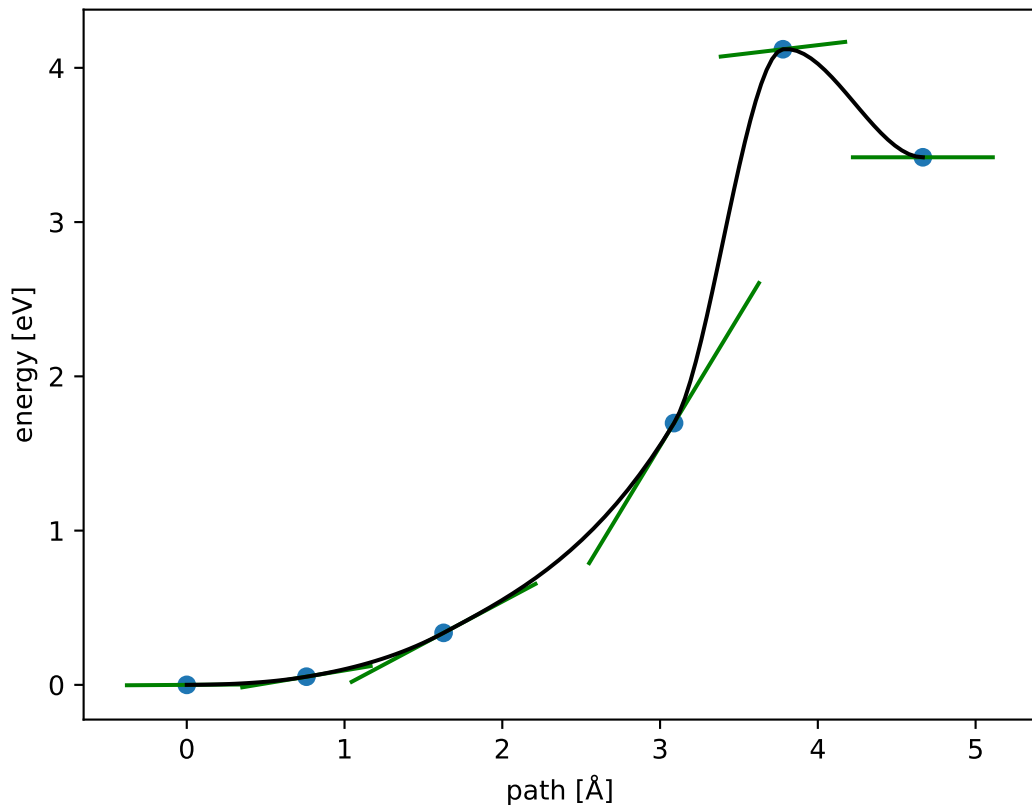
$$E_f \approx 4.123 \text{ eV}; E_r \approx 0.703 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



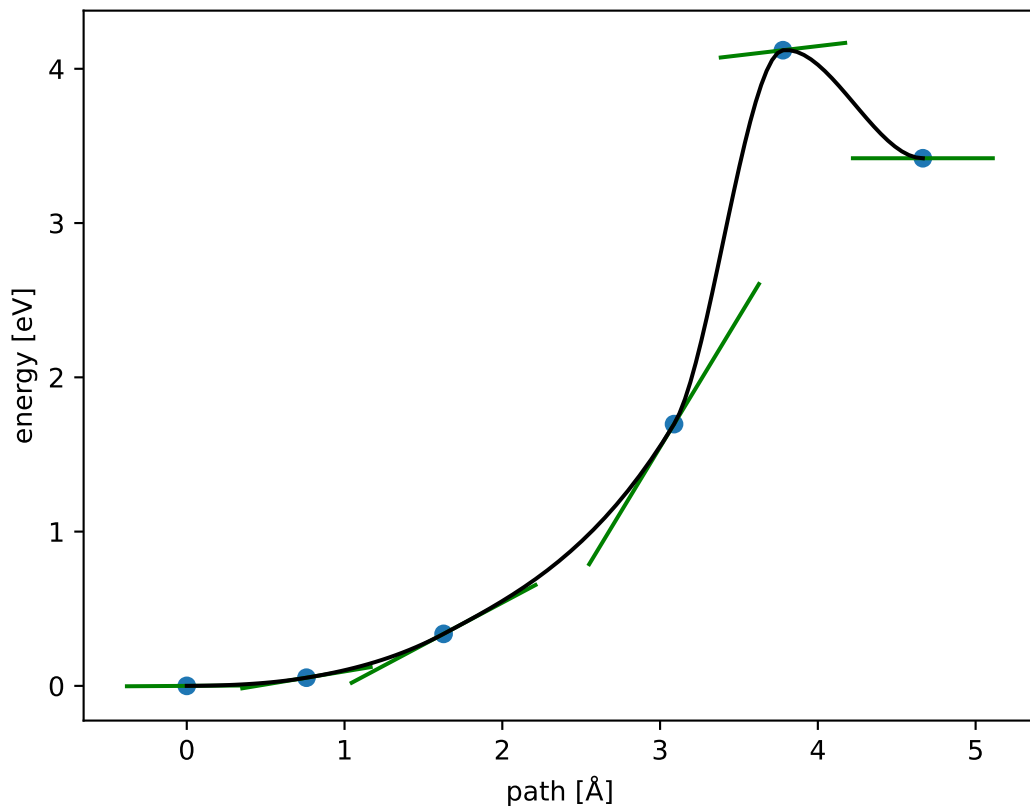
$$E_f \approx 4.122 \text{ eV}; E_r \approx 0.702 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



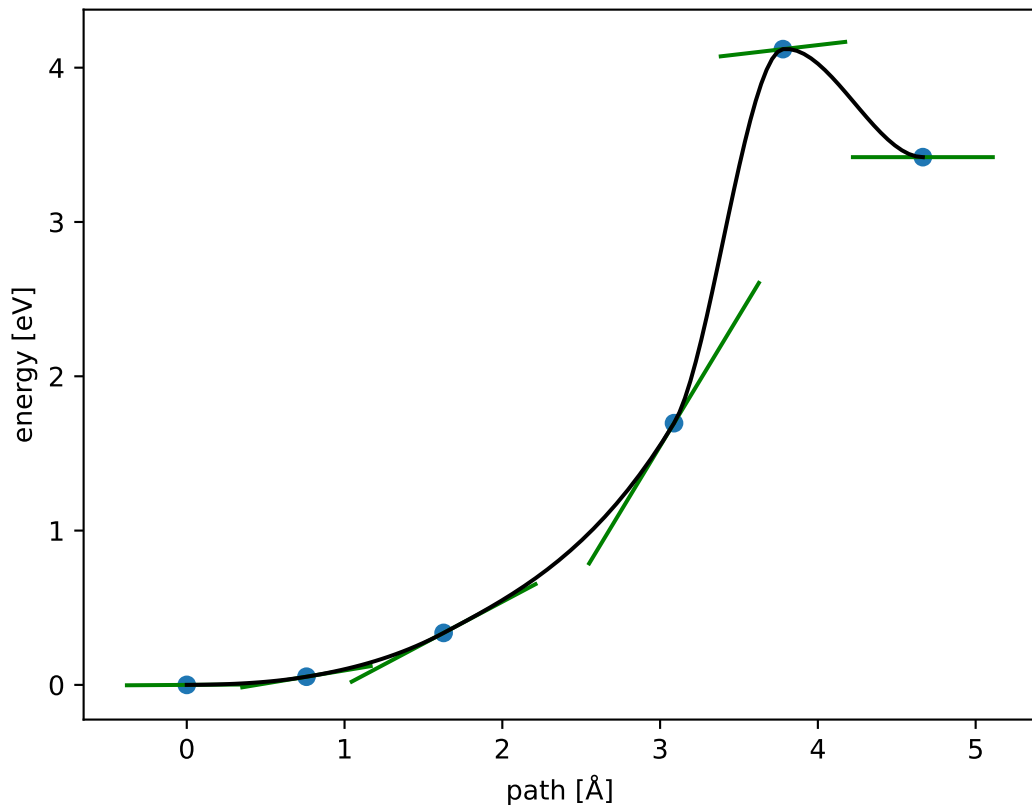
$$E_f \approx 4.121 \text{ eV}; E_r \approx 0.700 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



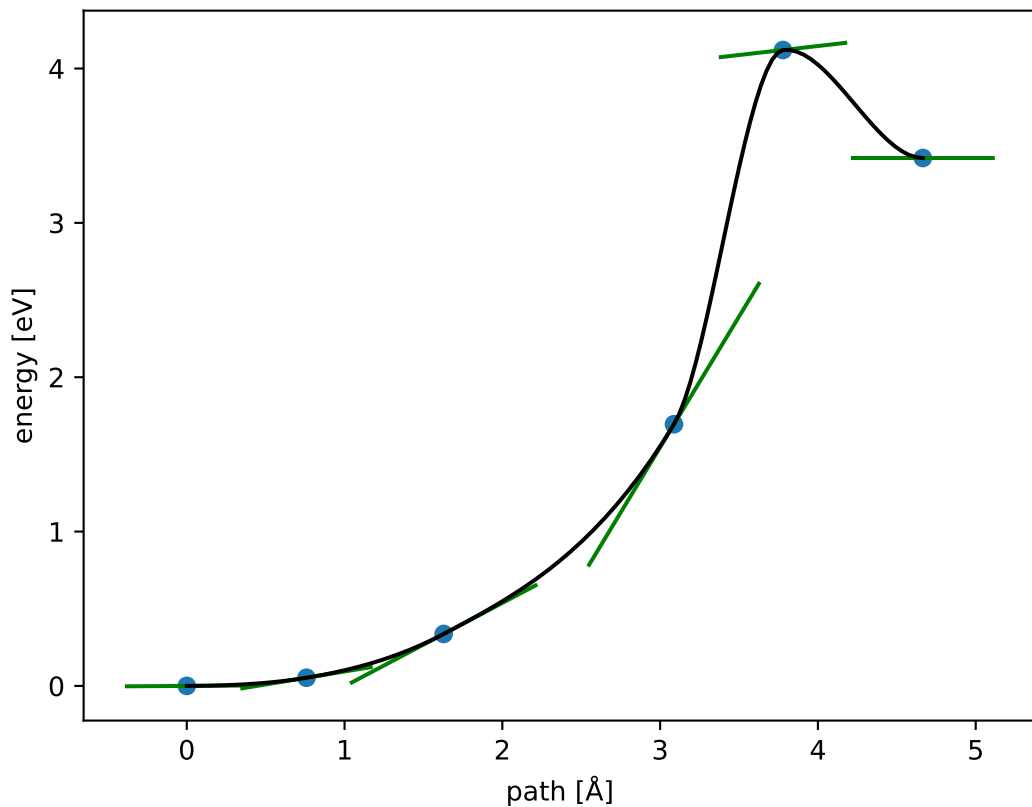
$$E_f \approx 4.120 \text{ eV}; E_r \approx 0.700 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



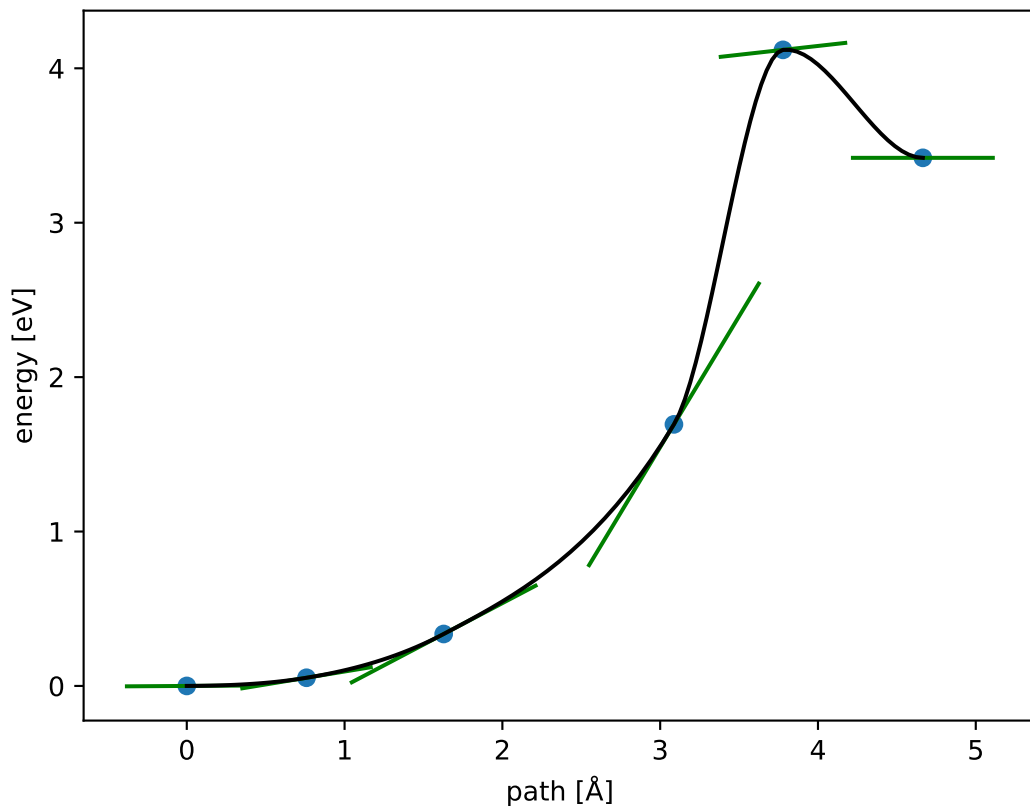
$$E_f \approx 4.120 \text{ eV}; E_r \approx 0.700 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



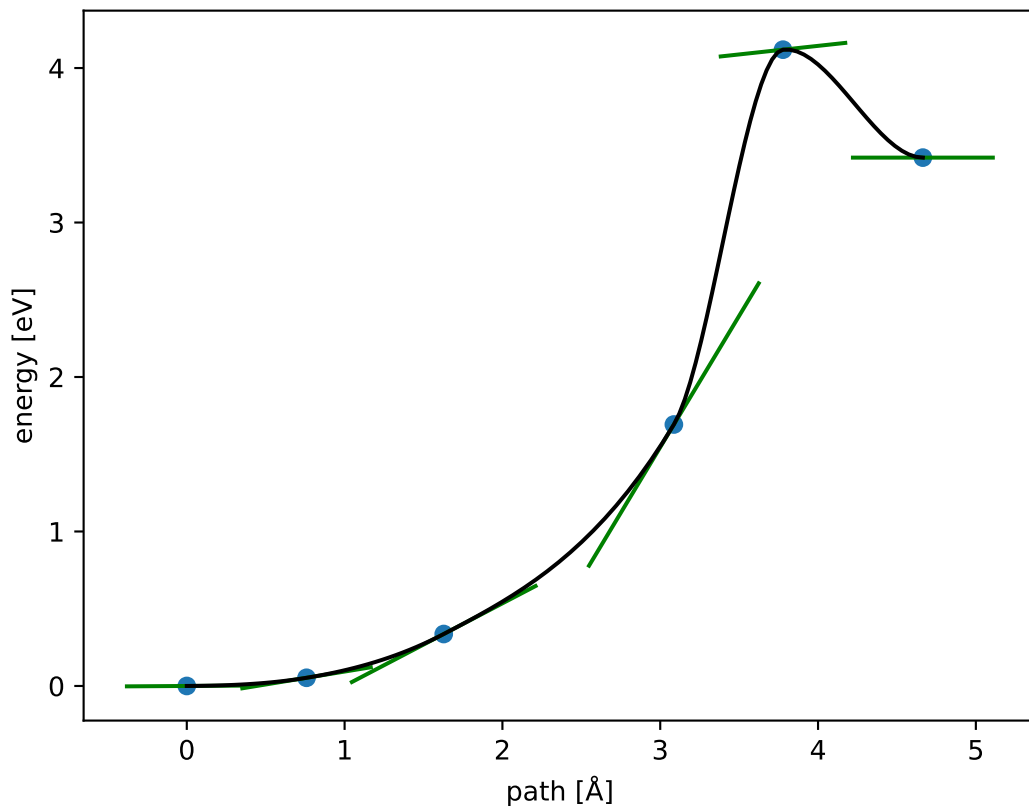
$$E_f \approx 4.120 \text{ eV}; E_r \approx 0.700 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



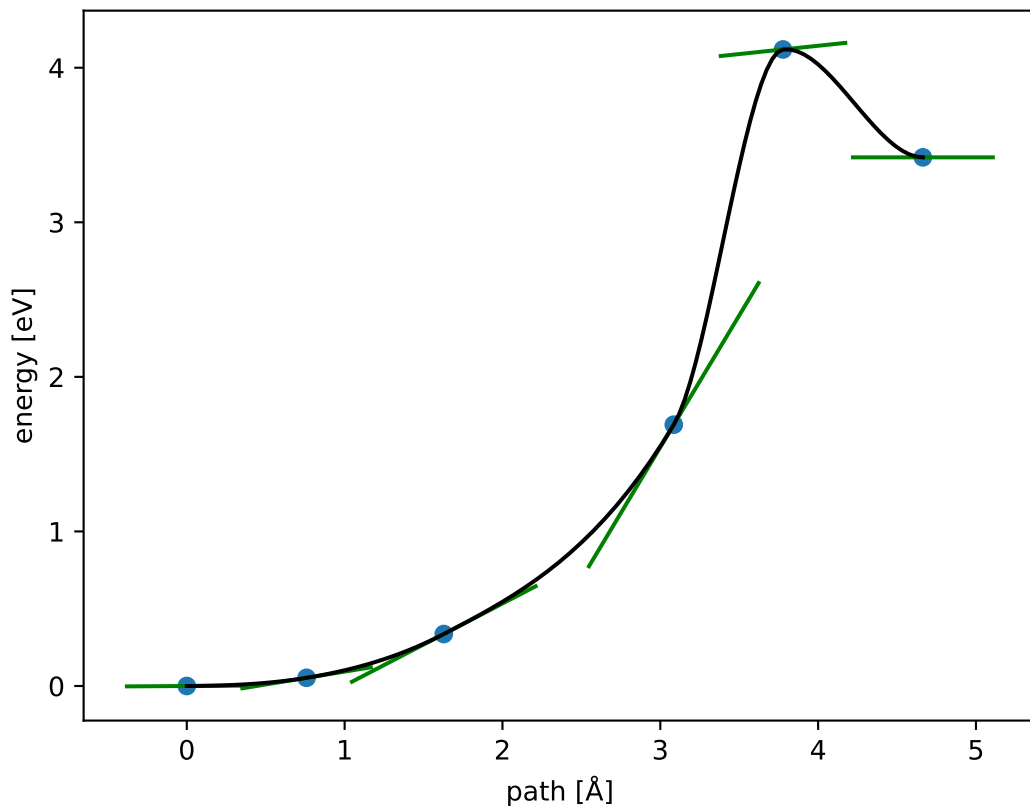
$$E_f \approx 4.119 \text{ eV}; E_r \approx 0.699 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



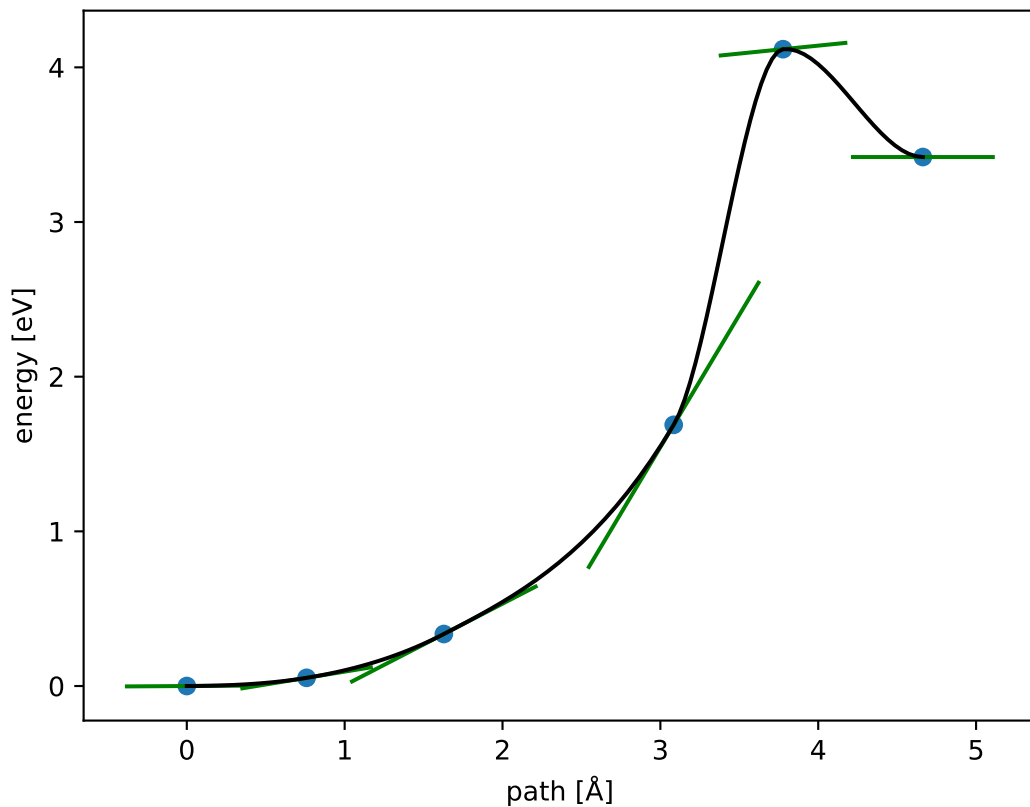
$$E_f \approx 4.119 \text{ eV}; E_r \approx 0.699 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



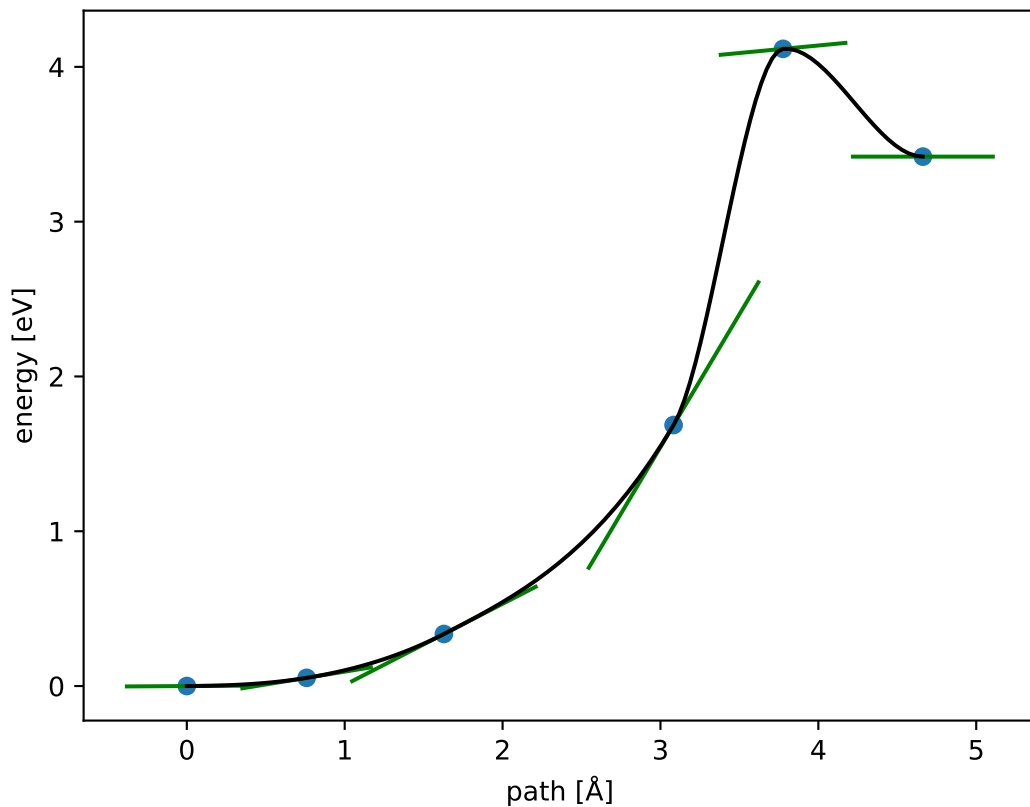
$$E_f \approx 4.118 \text{ eV}; E_r \approx 0.698 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



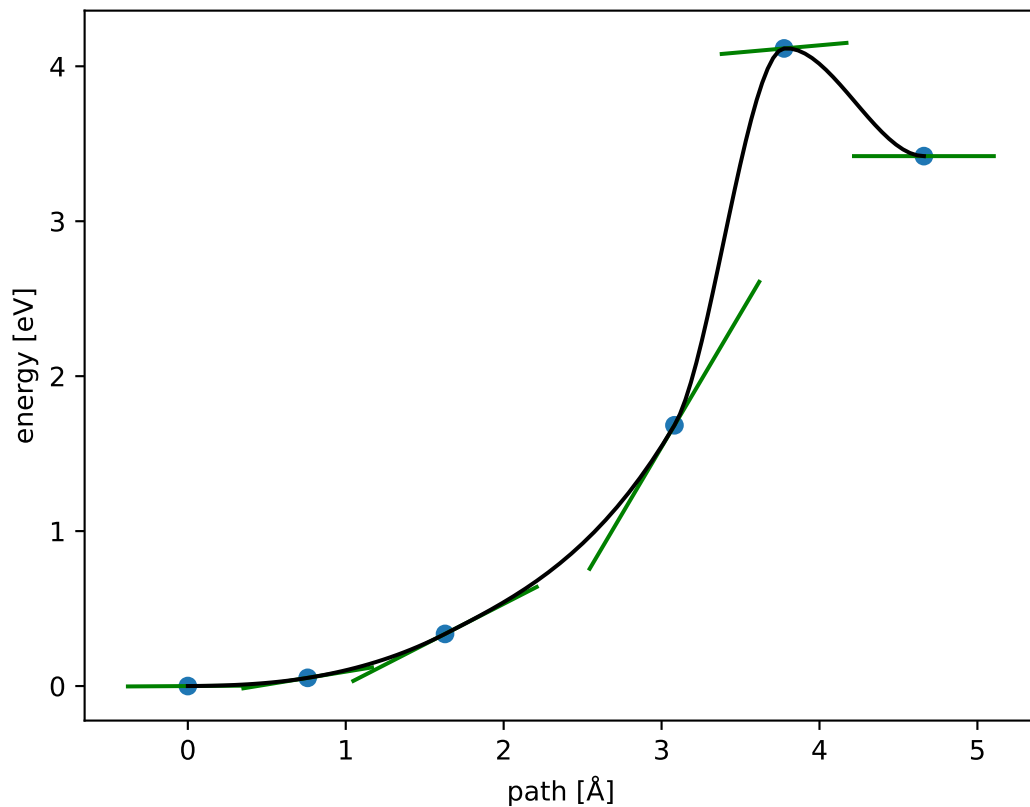
$$E_f \approx 4.117 \text{ eV}; E_r \approx 0.697 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



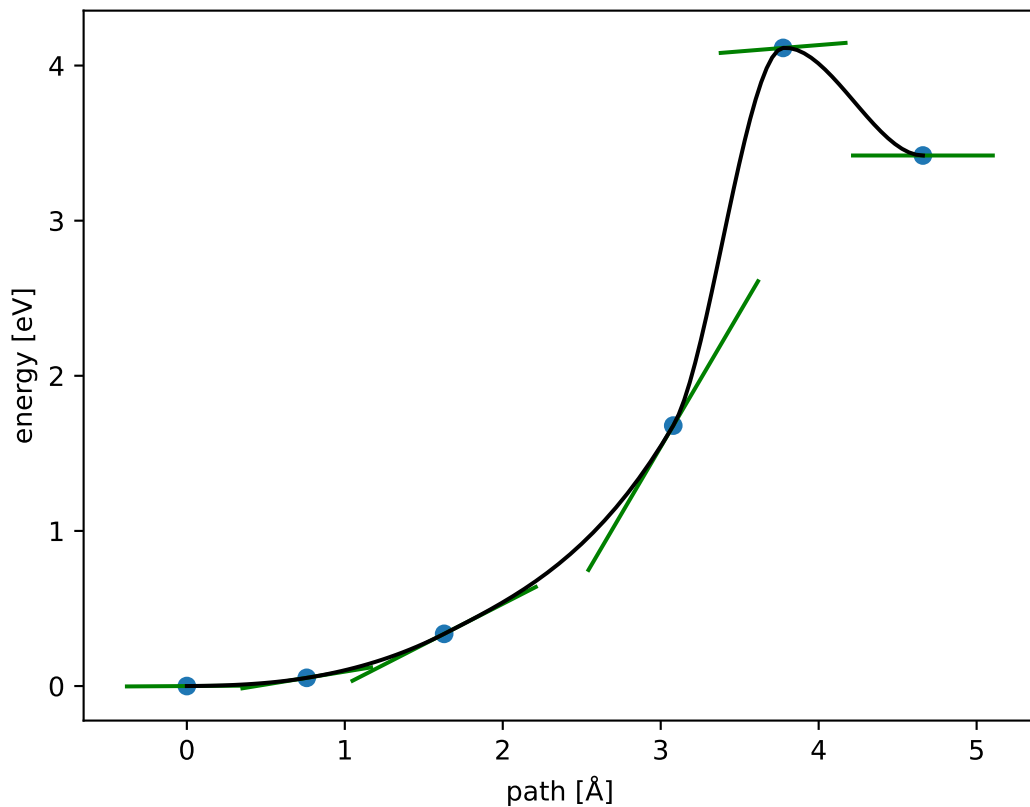
$$E_f \approx 4.116 \text{ eV}; E_r \approx 0.696 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



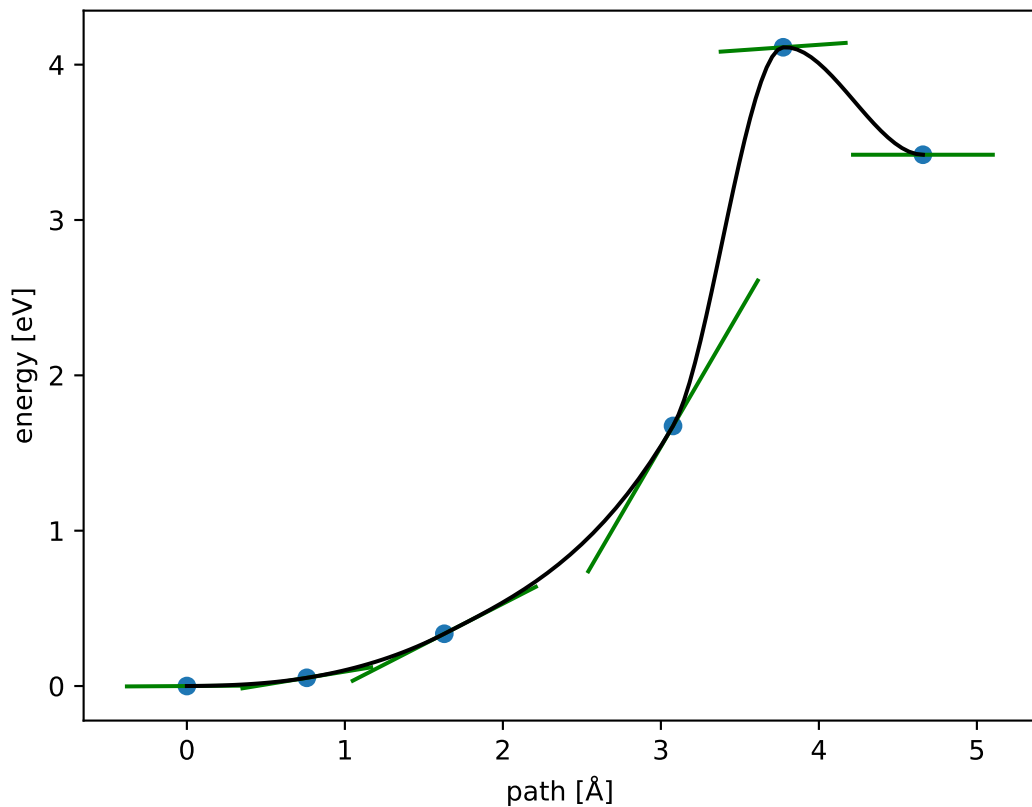
$$E_f \approx 4.115 \text{ eV}; E_r \approx 0.695 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



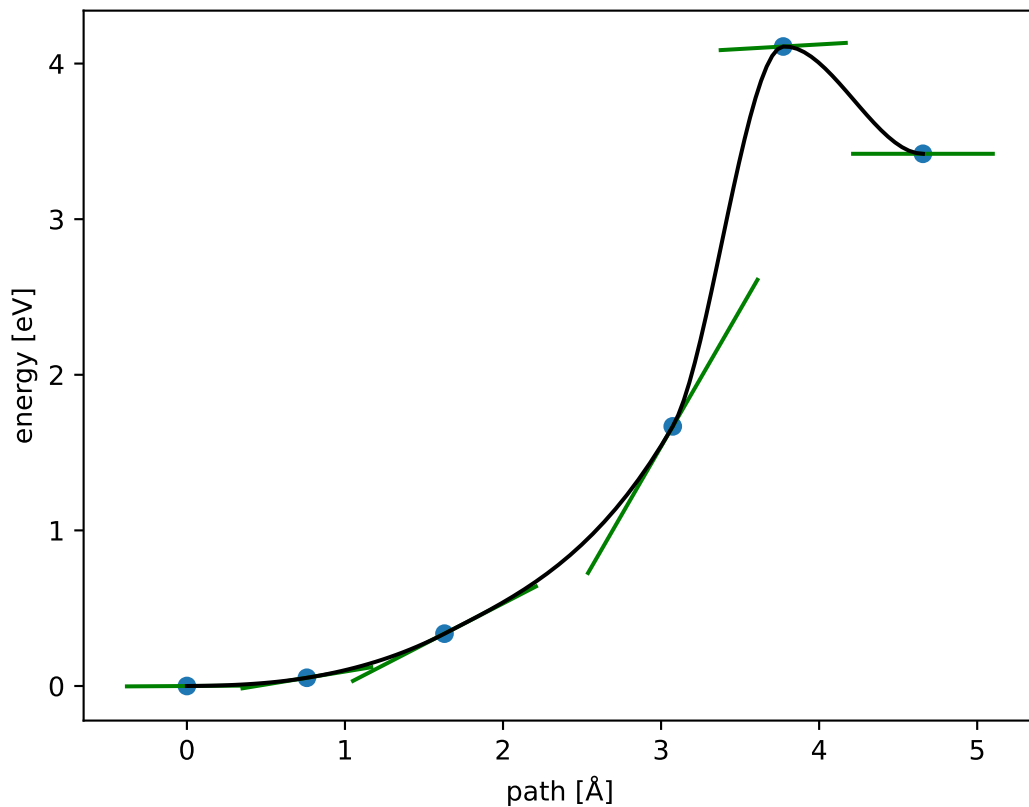
$$E_f \approx 4.114 \text{ eV}; E_r \approx 0.694 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



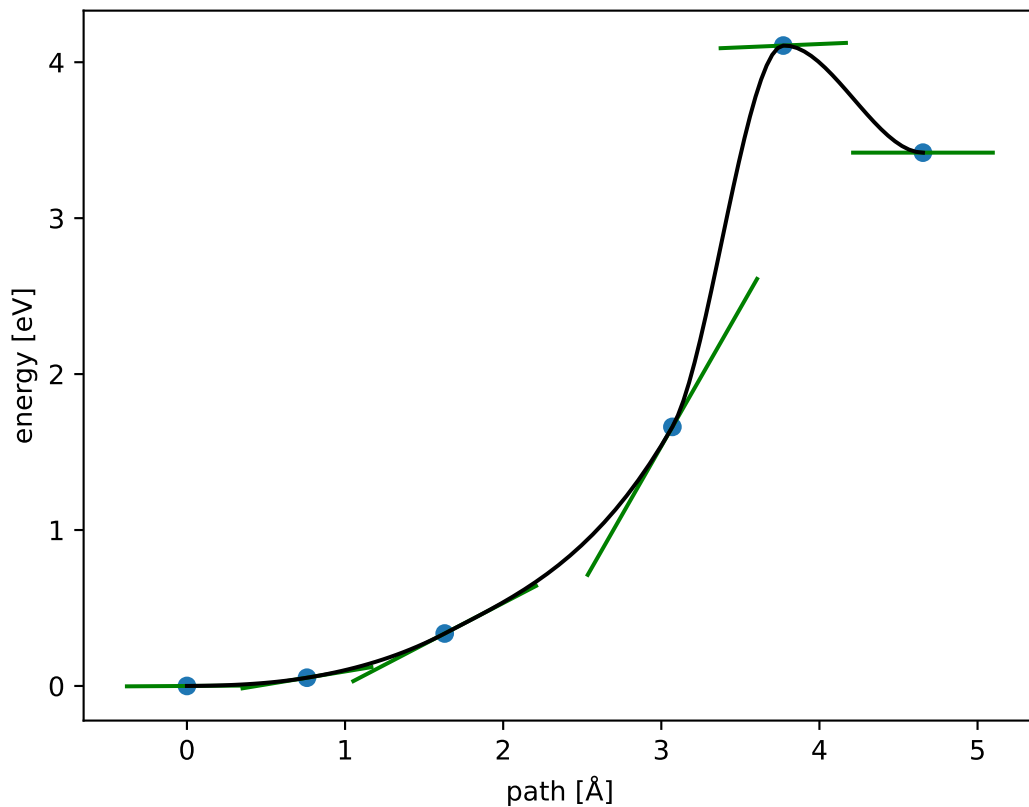
$$E_f \approx 4.112 \text{ eV}; E_r \approx 0.692 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



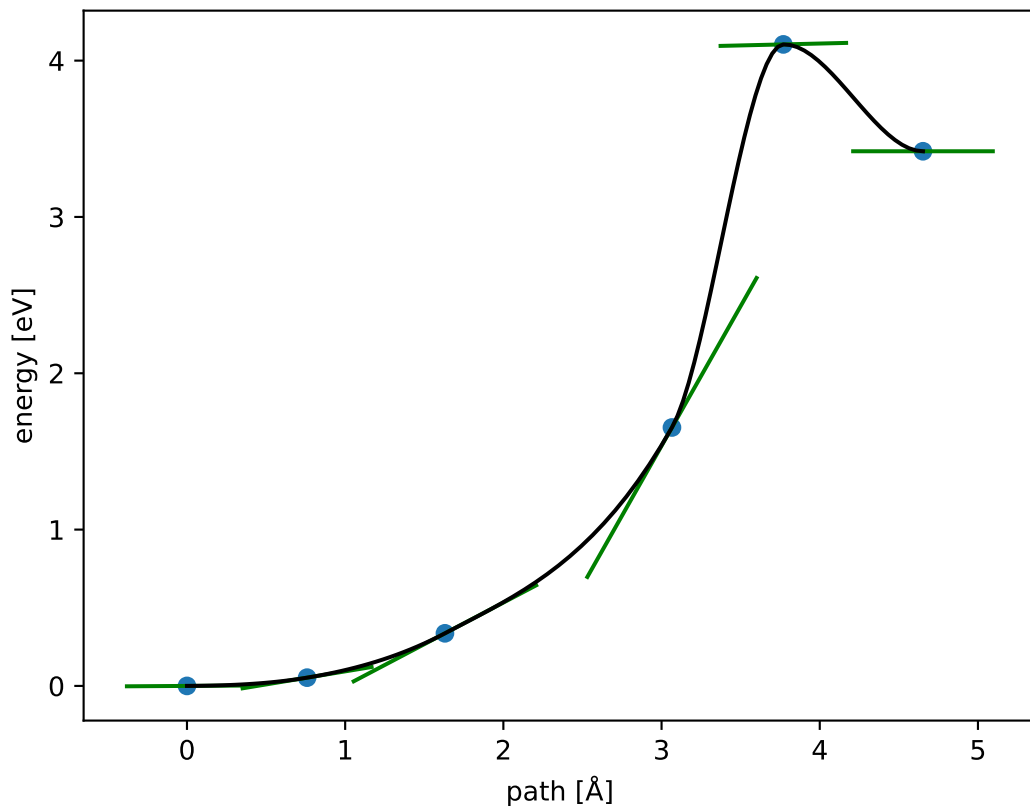
$$E_f \approx 4.110 \text{ eV}; E_r \approx 0.689 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



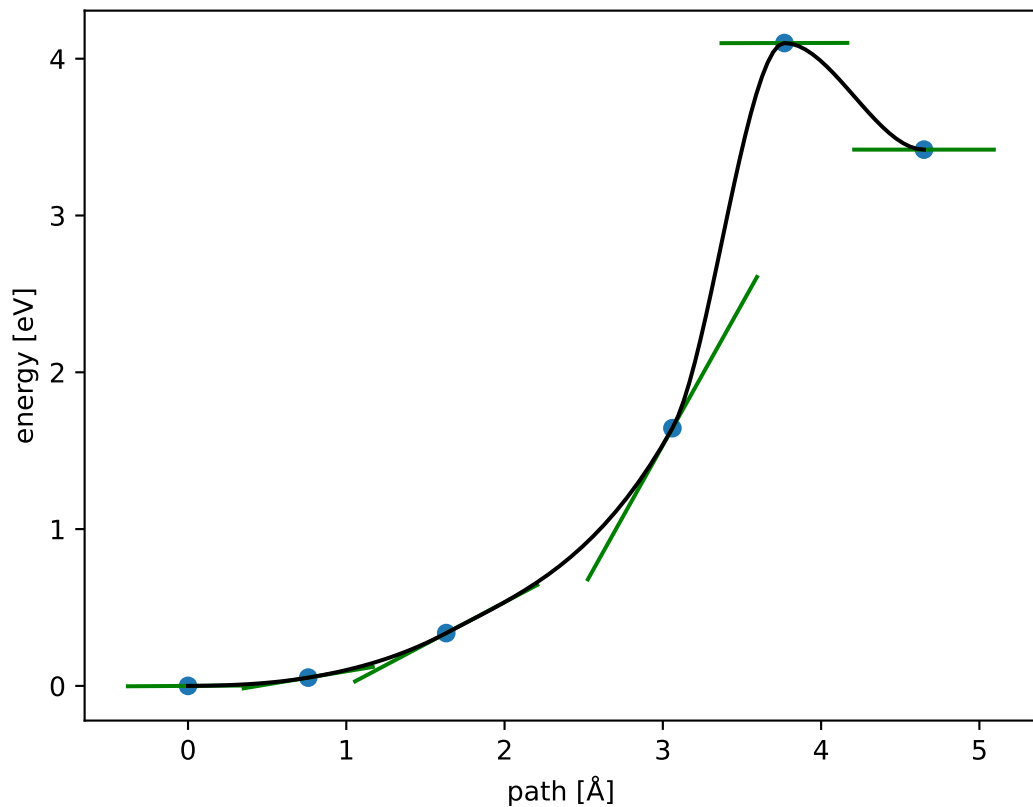
$$E_f \approx 4.107 \text{ eV}; E_r \approx 0.687 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



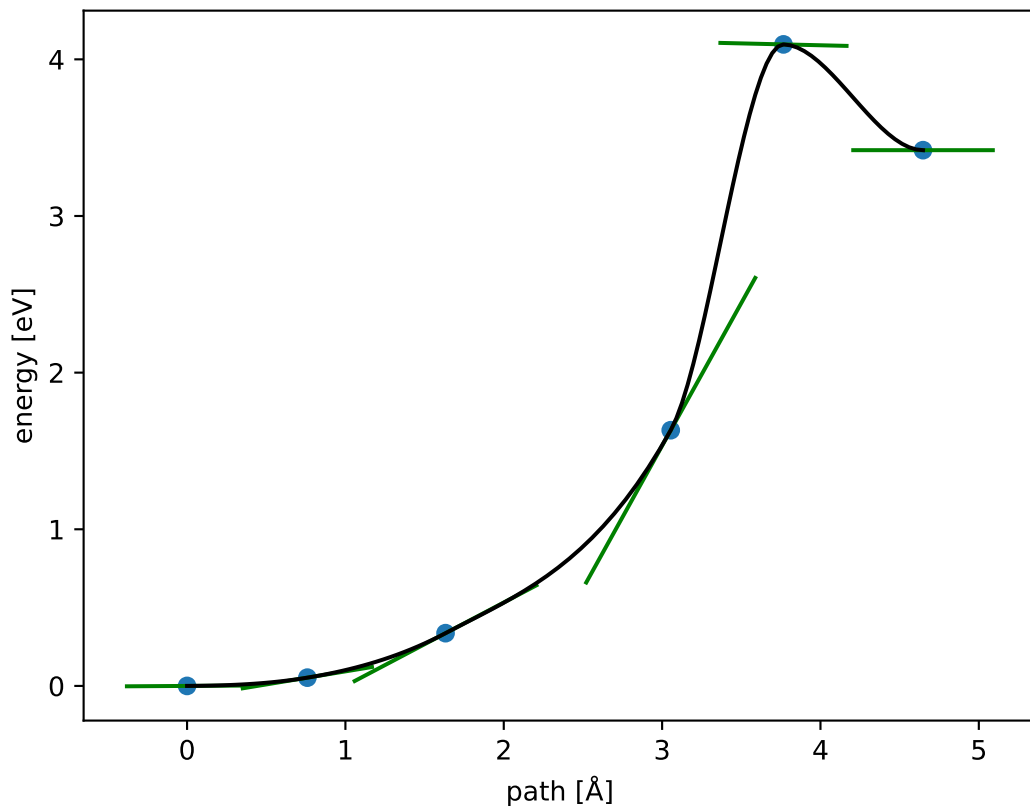
$$E_f \approx 4.104 \text{ eV}; E_r \approx 0.684 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



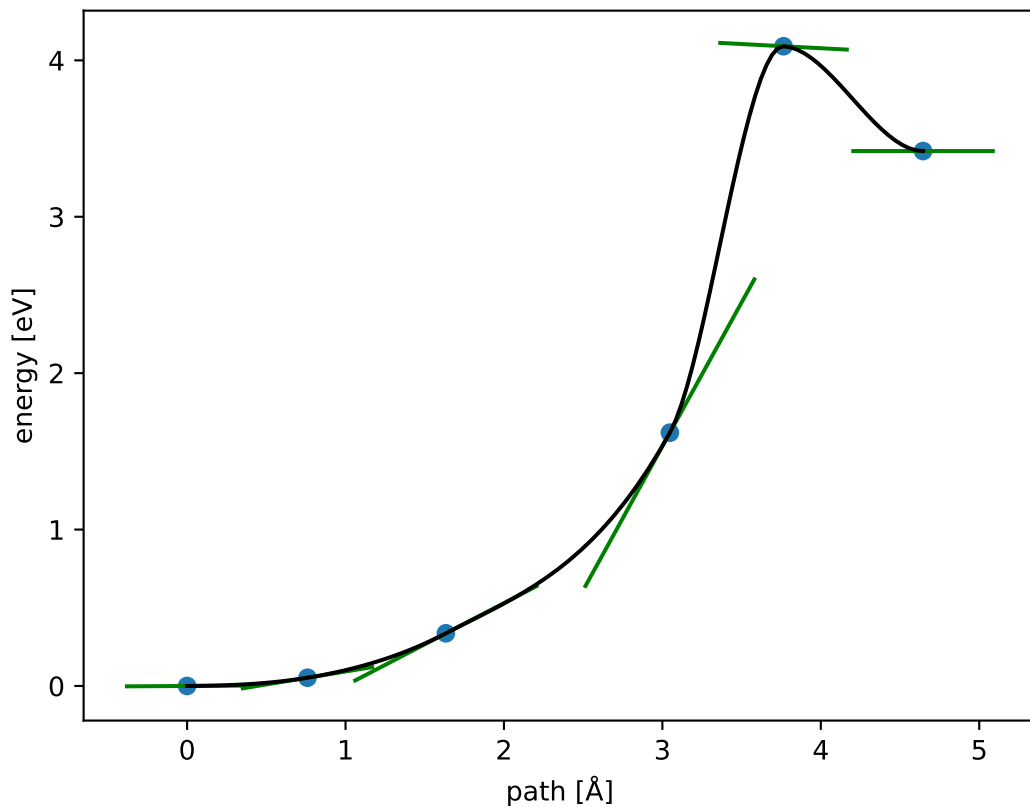
$$E_f \approx 4.100 \text{ eV}; E_r \approx 0.680 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



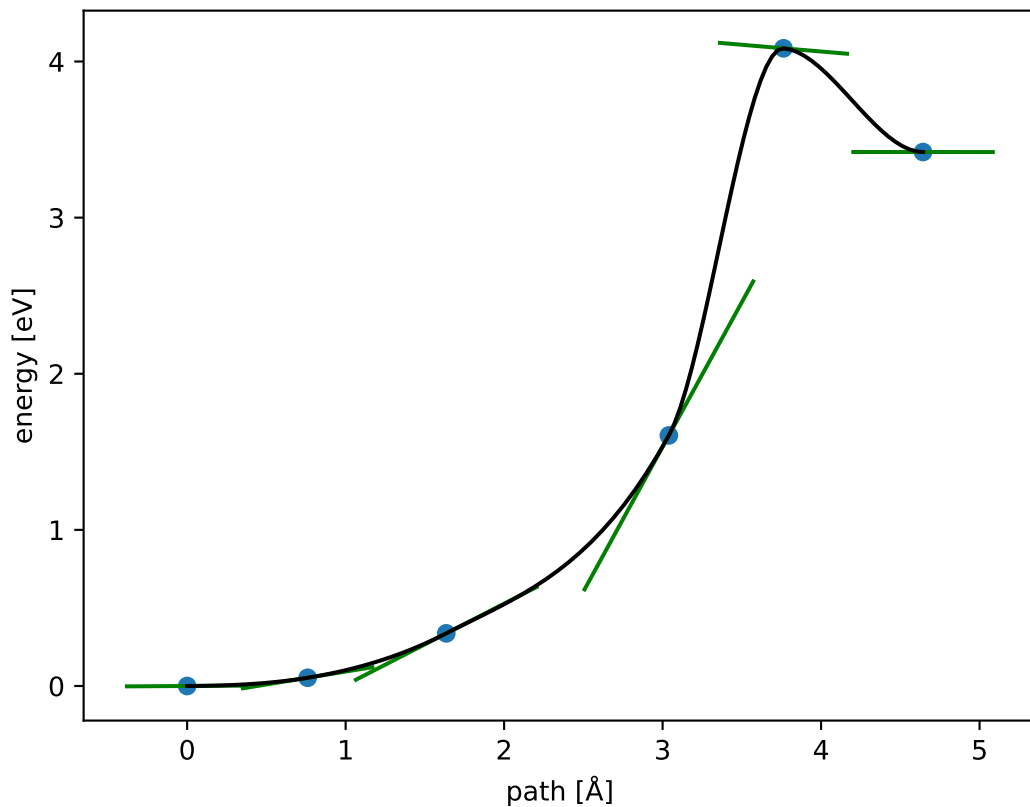
$$E_f \approx 4.095 \text{ eV}; E_r \approx 0.675 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



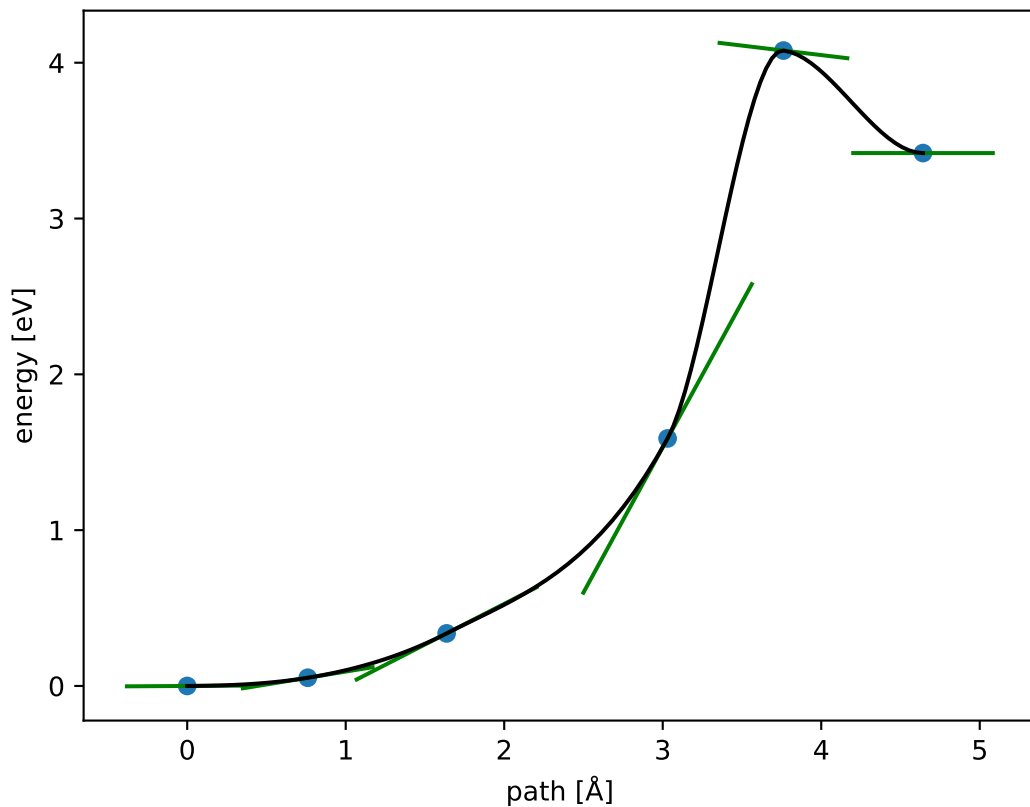
$$E_f \approx 4.090 \text{ eV}; E_r \approx 0.670 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



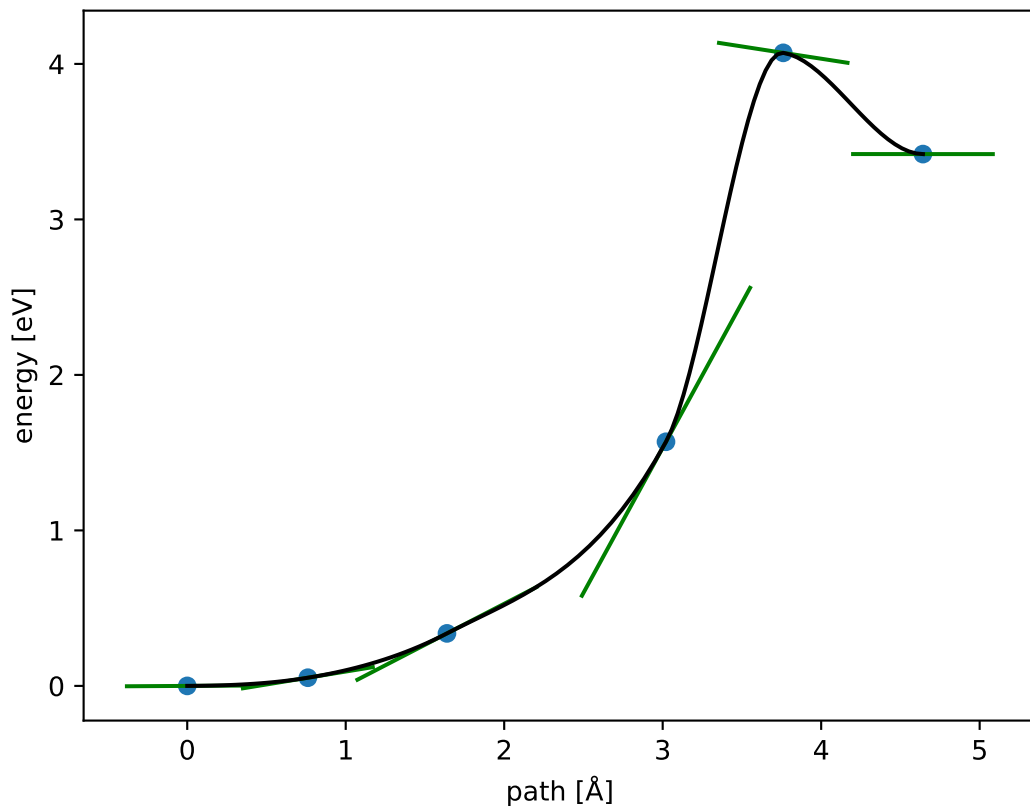
$$E_f \approx 4.084 \text{ eV}; E_r \approx 0.664 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



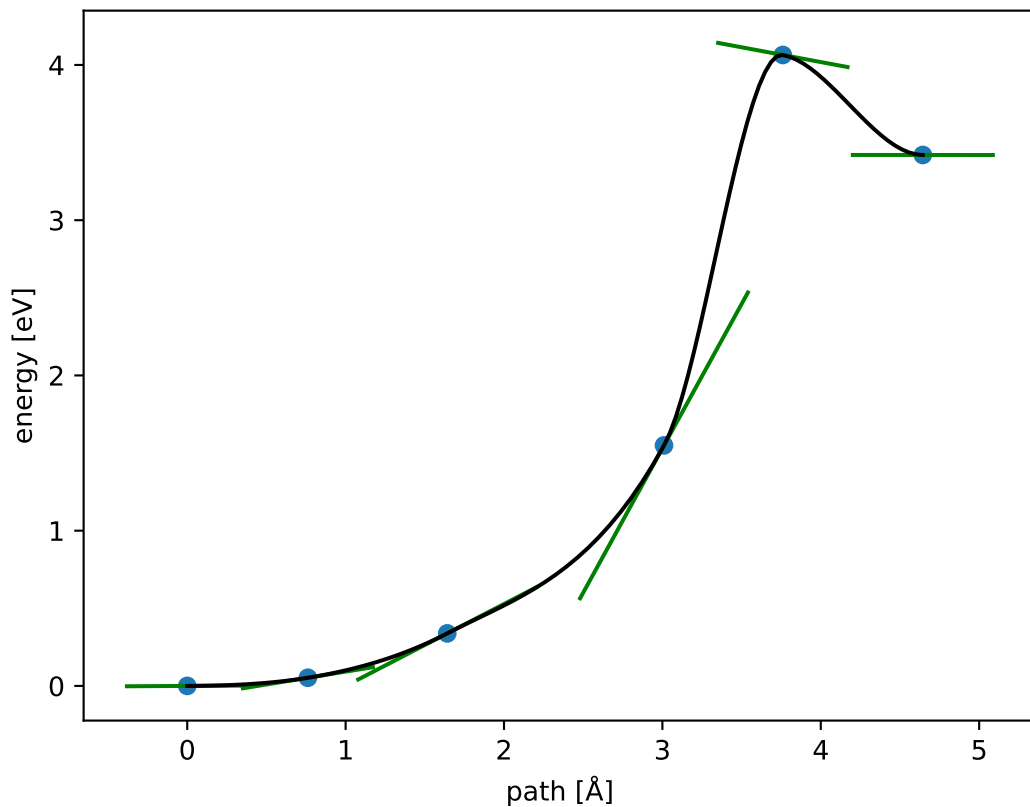
$$E_f \approx 4.078 \text{ eV}; E_r \approx 0.658 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



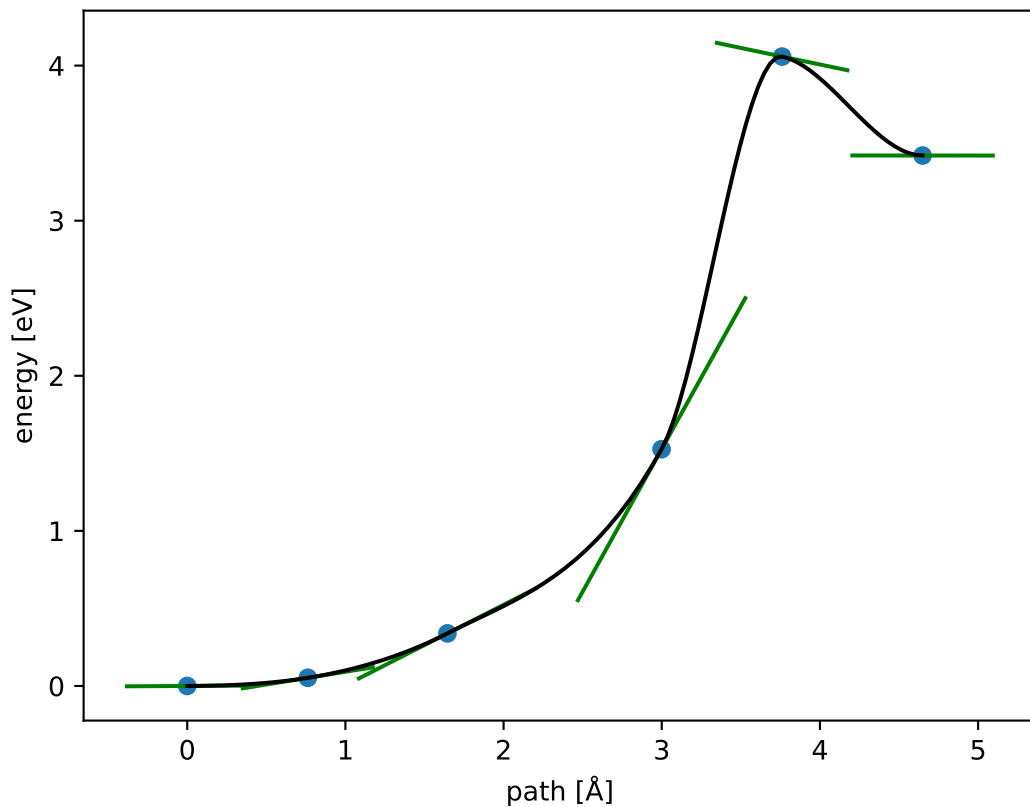
$$E_f \approx 4.071 \text{ eV}; E_r \approx 0.651 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



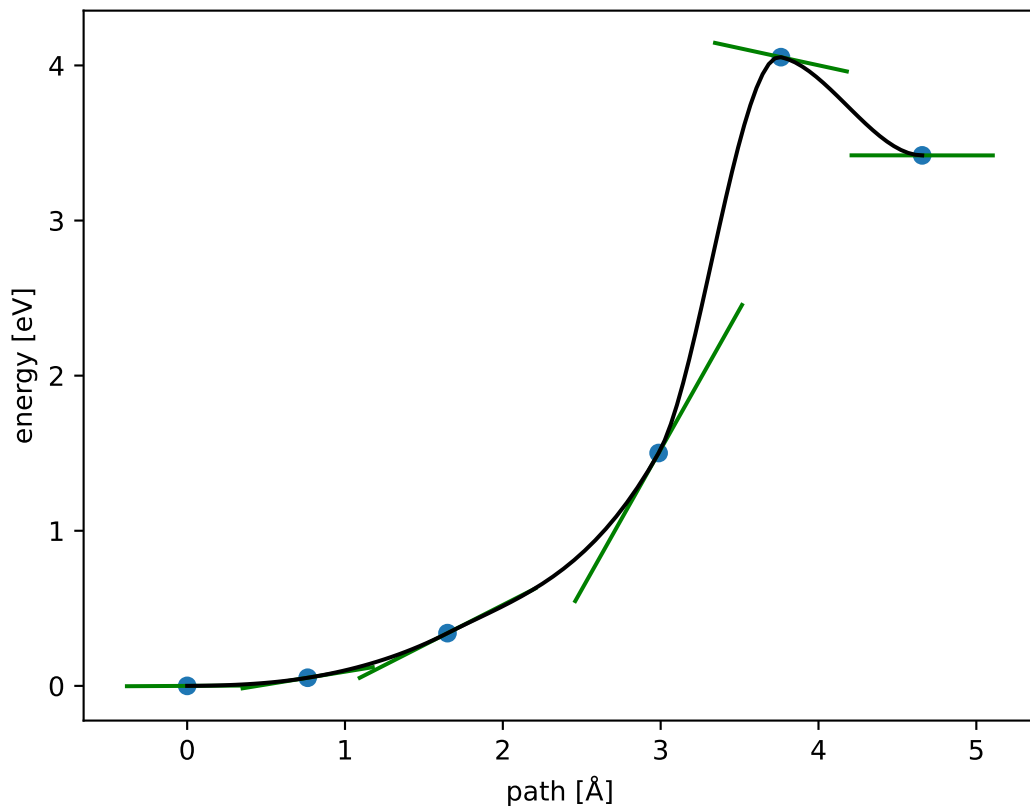
$$E_f \approx 4.064 \text{ eV}; E_r \approx 0.644 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



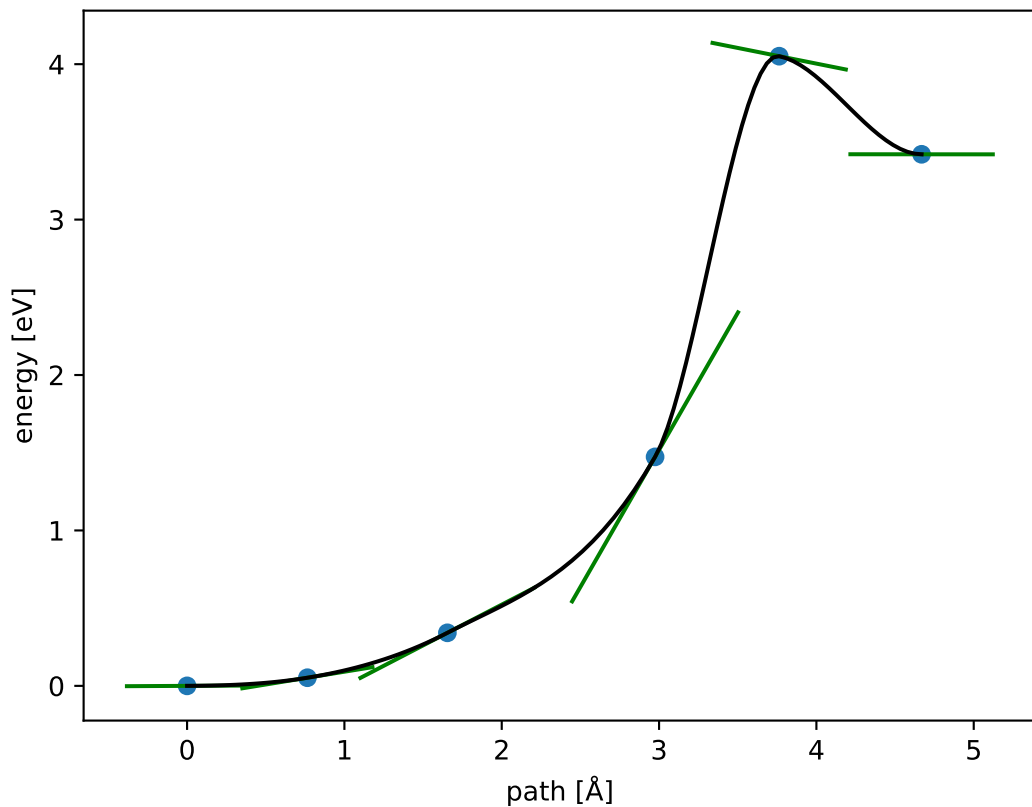
$$E_f \approx 4.058 \text{ eV}; E_r \approx 0.638 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



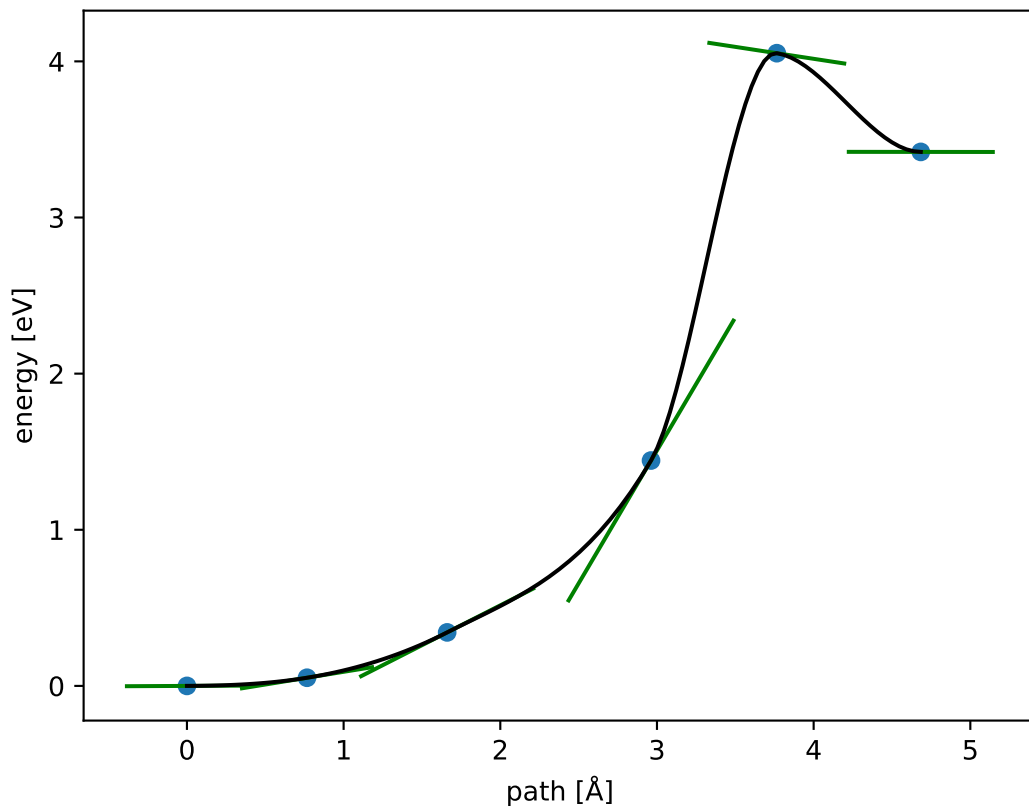
$$E_f \approx 4.053 \text{ eV}; E_r \approx 0.633 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



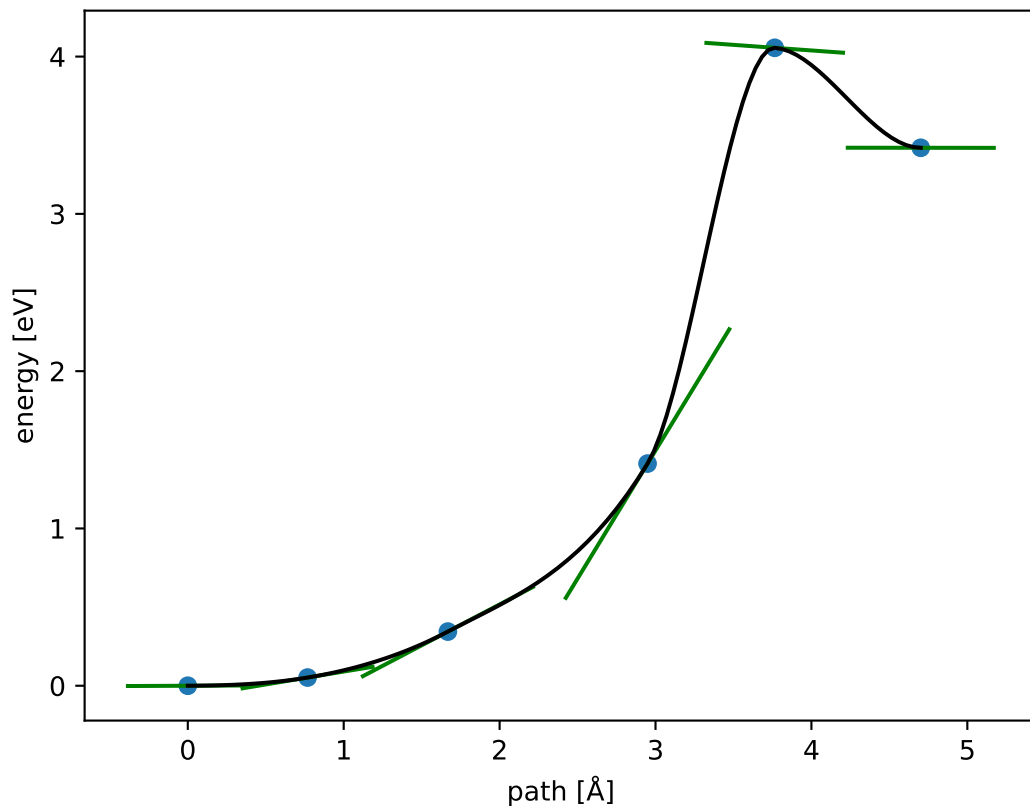
$$E_f \approx 4.051 \text{ eV}; E_r \approx 0.631 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



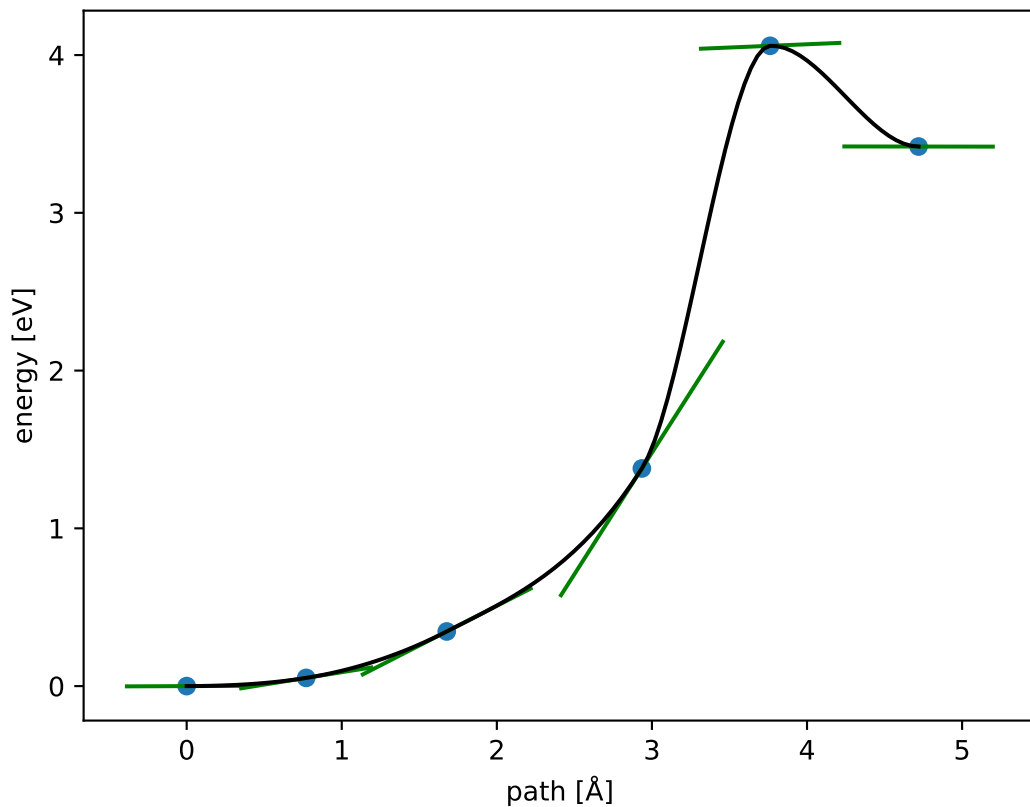
$$E_f \approx 4.052 \text{ eV}; E_r \approx 0.632 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



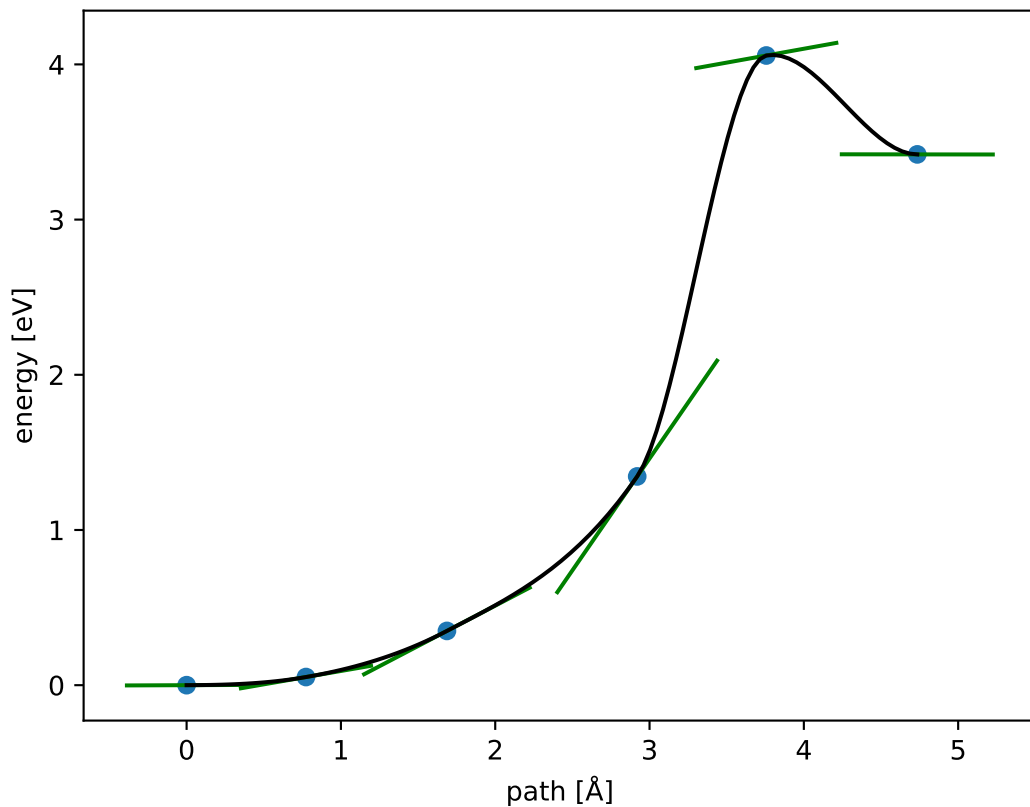
$$E_f \approx 4.056 \text{ eV}; E_r \approx 0.636 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



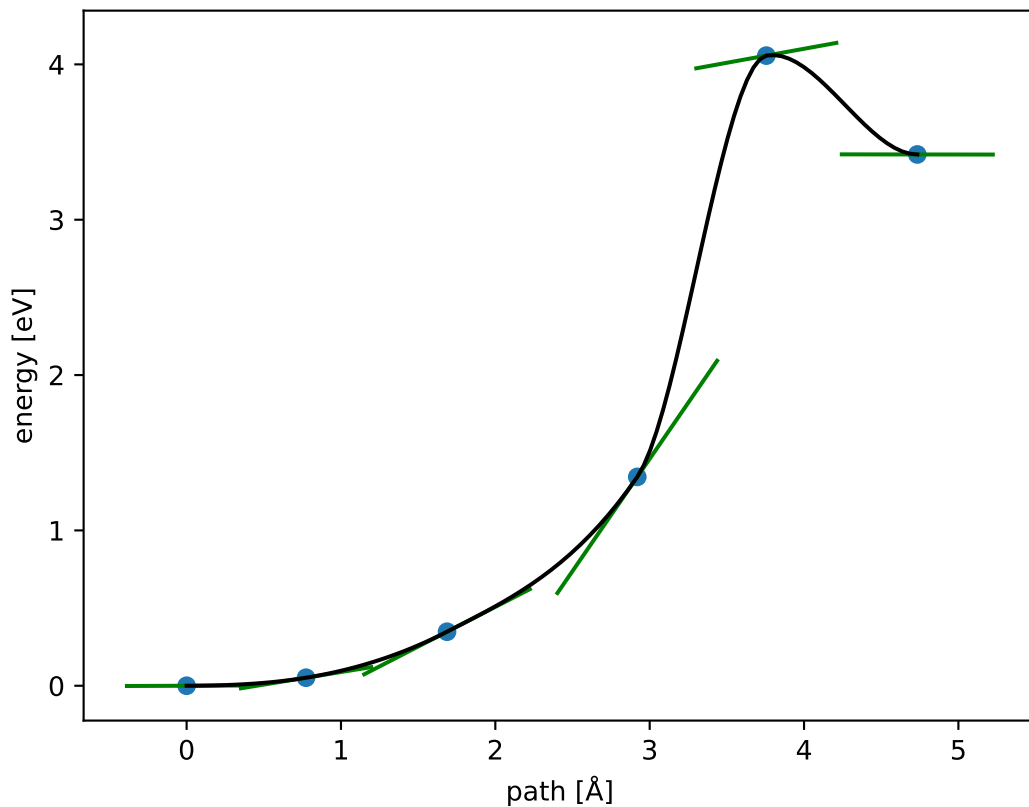
$$E_f \approx 4.059 \text{ eV}; E_r \approx 0.639 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



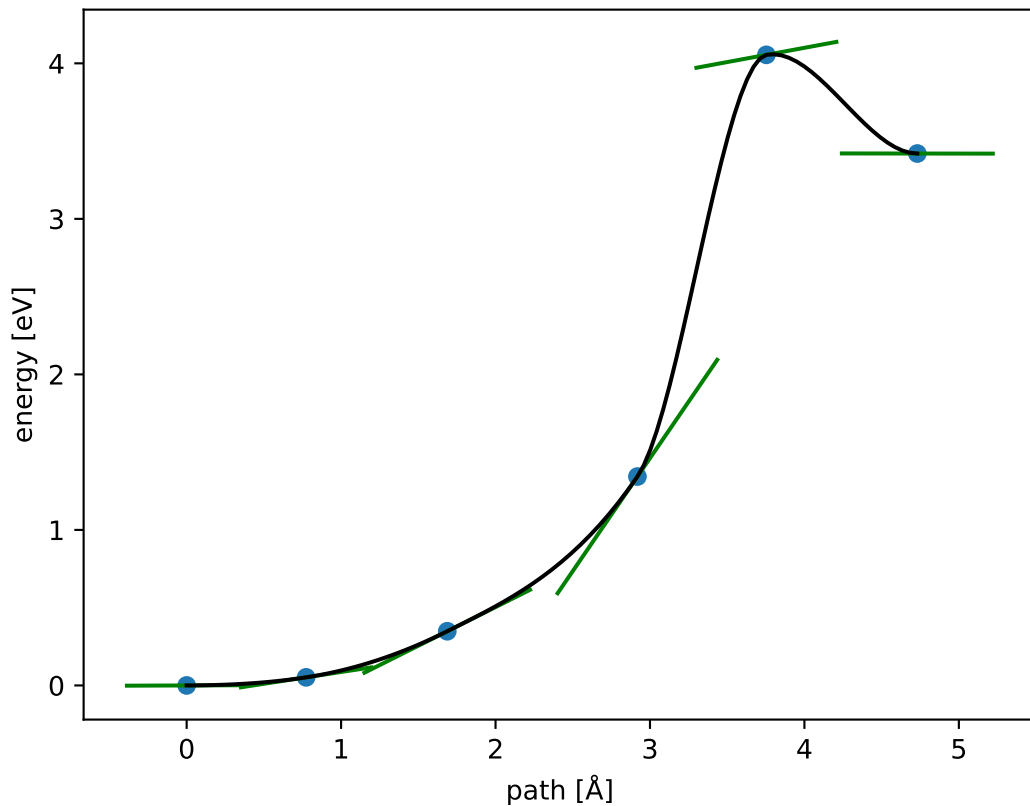
$$E_f \approx 4.057 \text{ eV}; E_r \approx 0.637 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



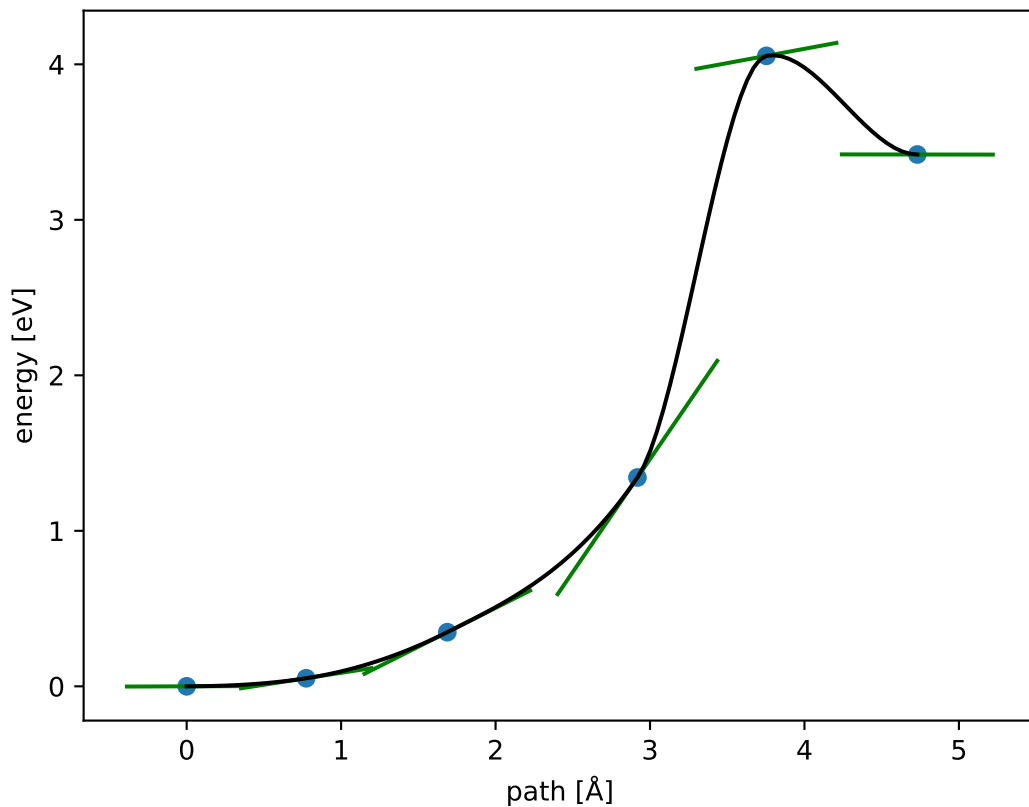
$$E_f \approx 4.056 \text{ eV}; E_r \approx 0.636 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



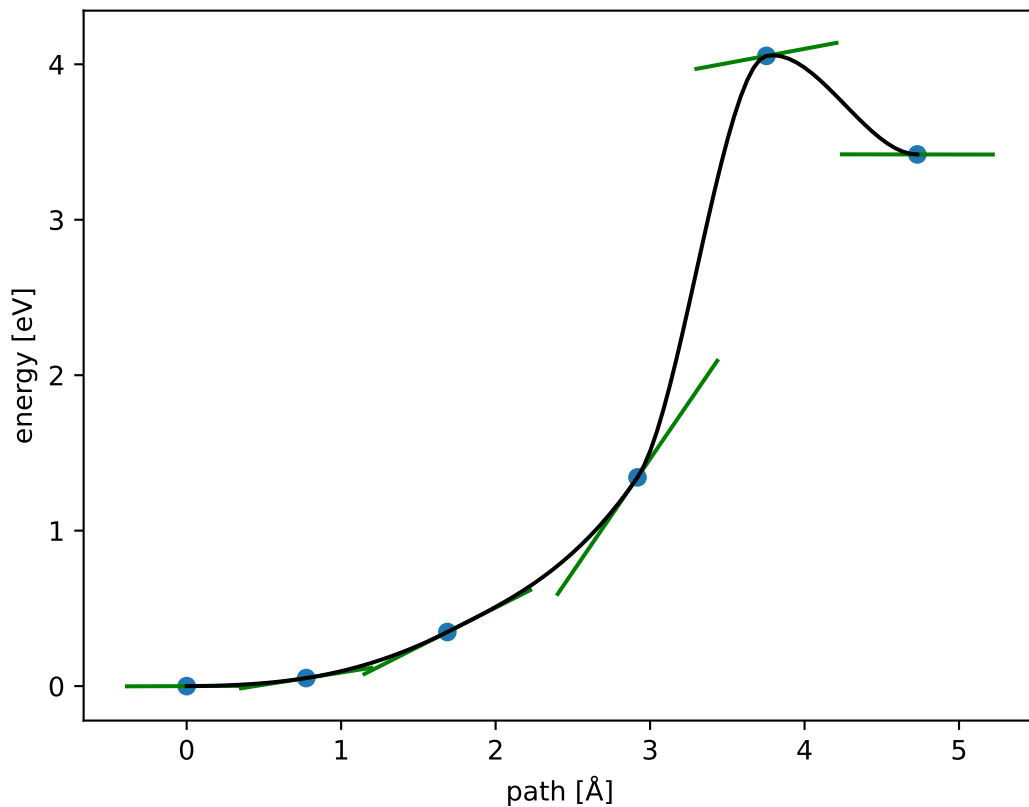
$$E_f \approx 4.055 \text{ eV}; E_r \approx 0.635 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



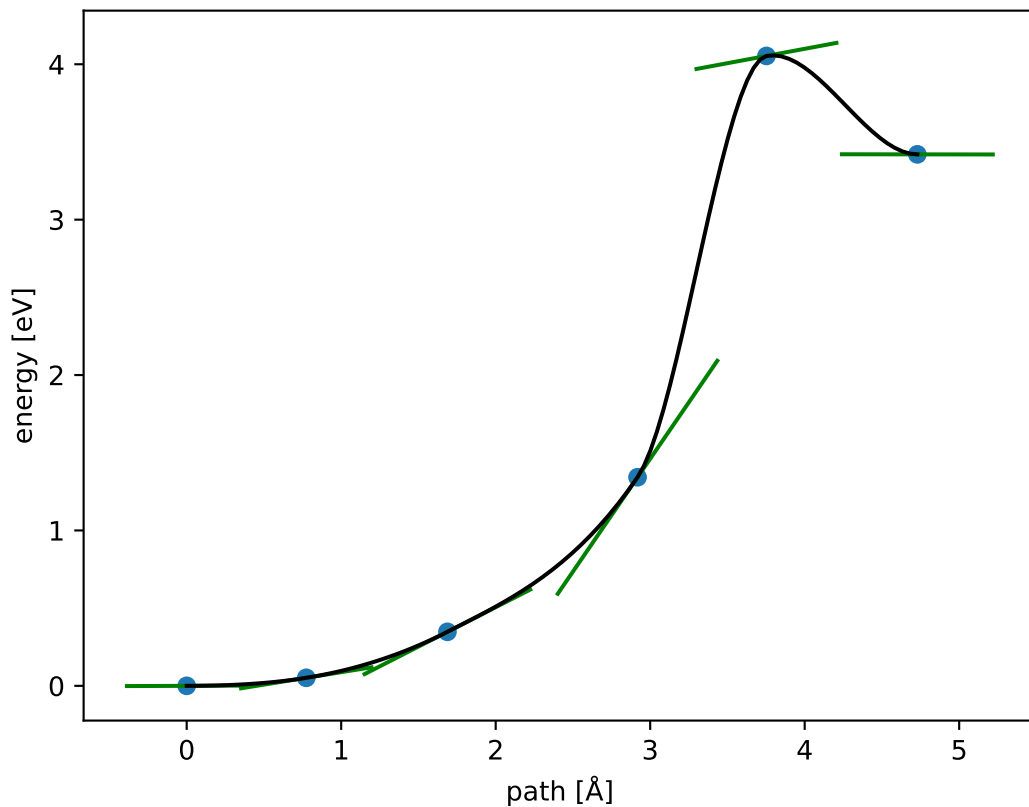
$$E_f \approx 4.055 \text{ eV}; E_r \approx 0.634 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



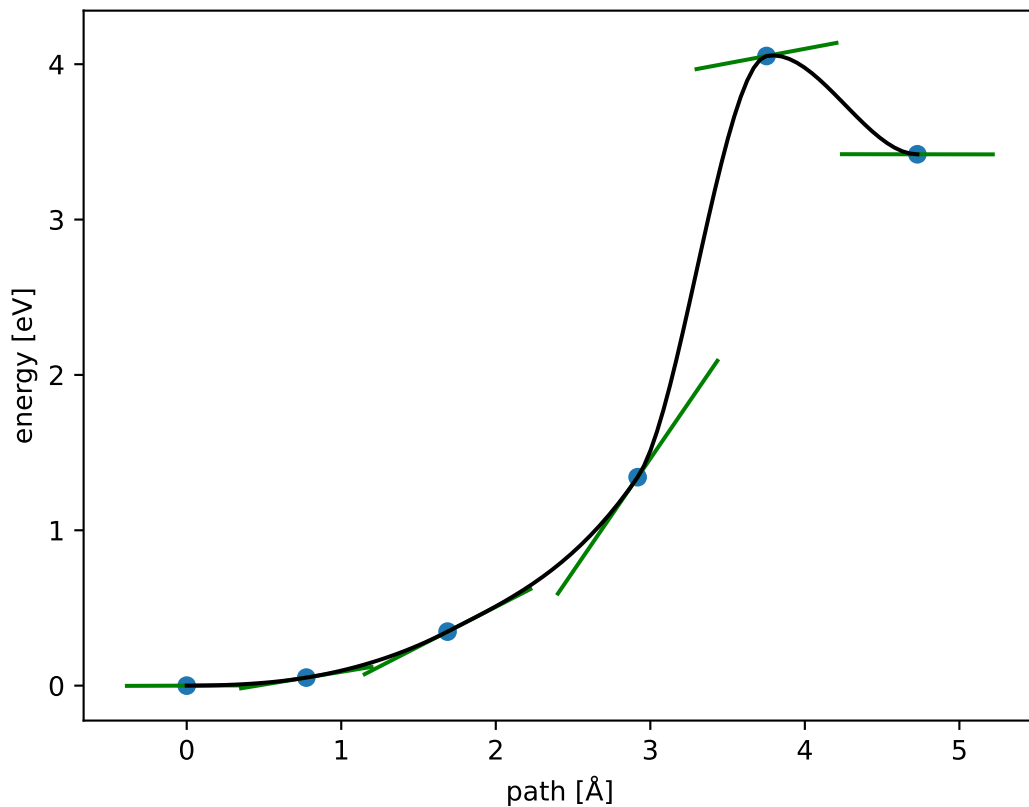
$$E_f \approx 4.054 \text{ eV}; E_r \approx 0.634 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



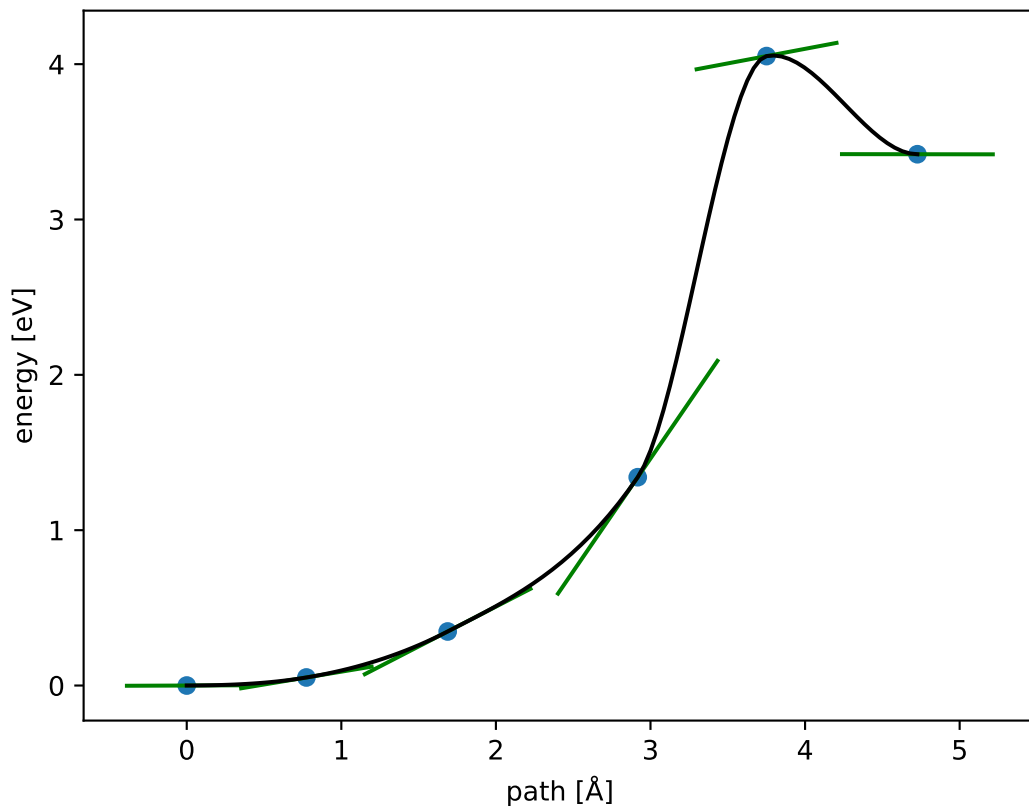
$$E_f \approx 4.054 \text{ eV}; E_r \approx 0.633 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



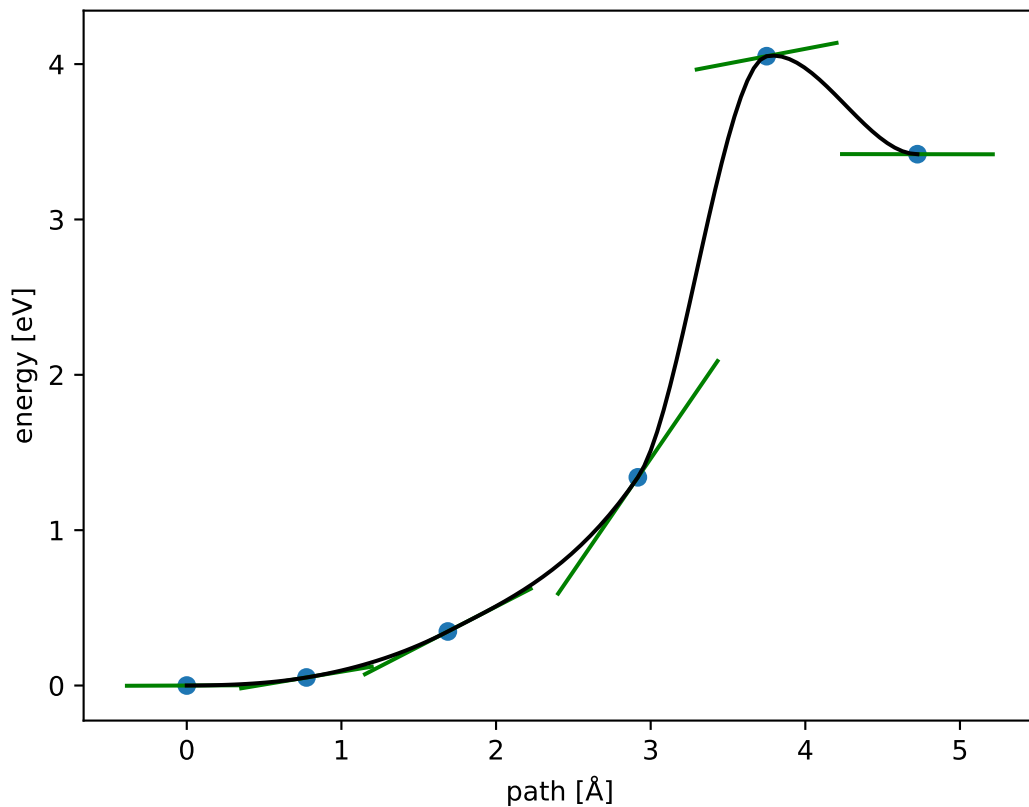
$$E_f \approx 4.053 \text{ eV}; E_r \approx 0.633 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



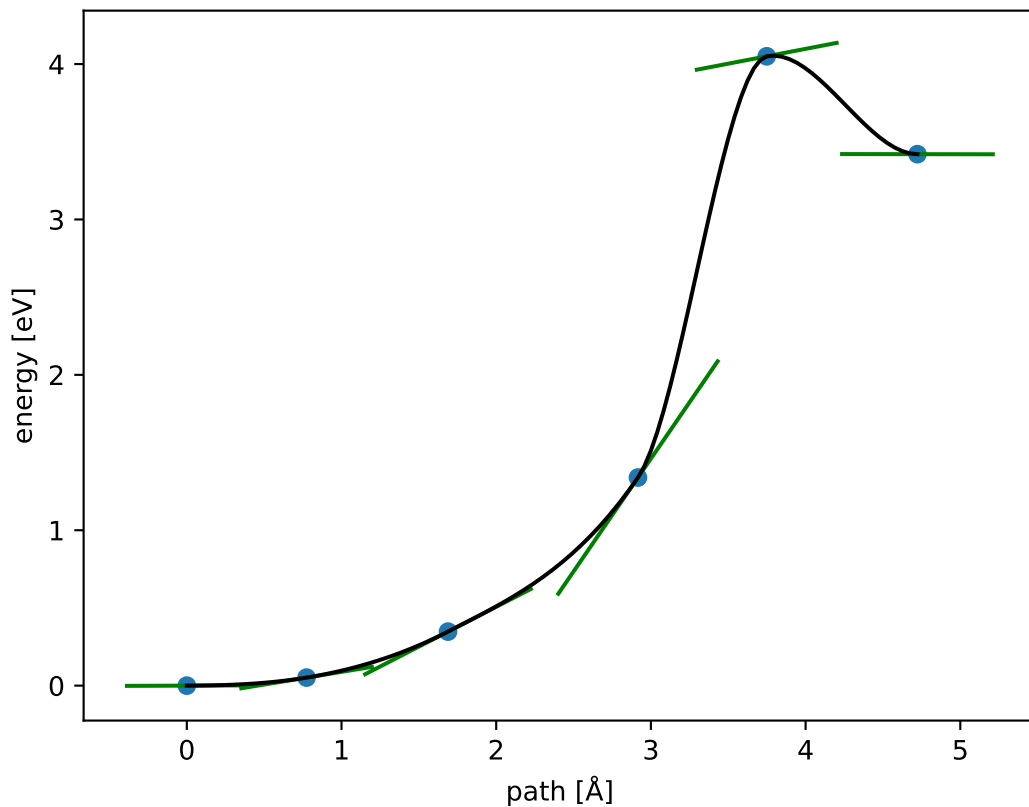
$$E_f \approx 4.052 \text{ eV}; E_r \approx 0.632 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



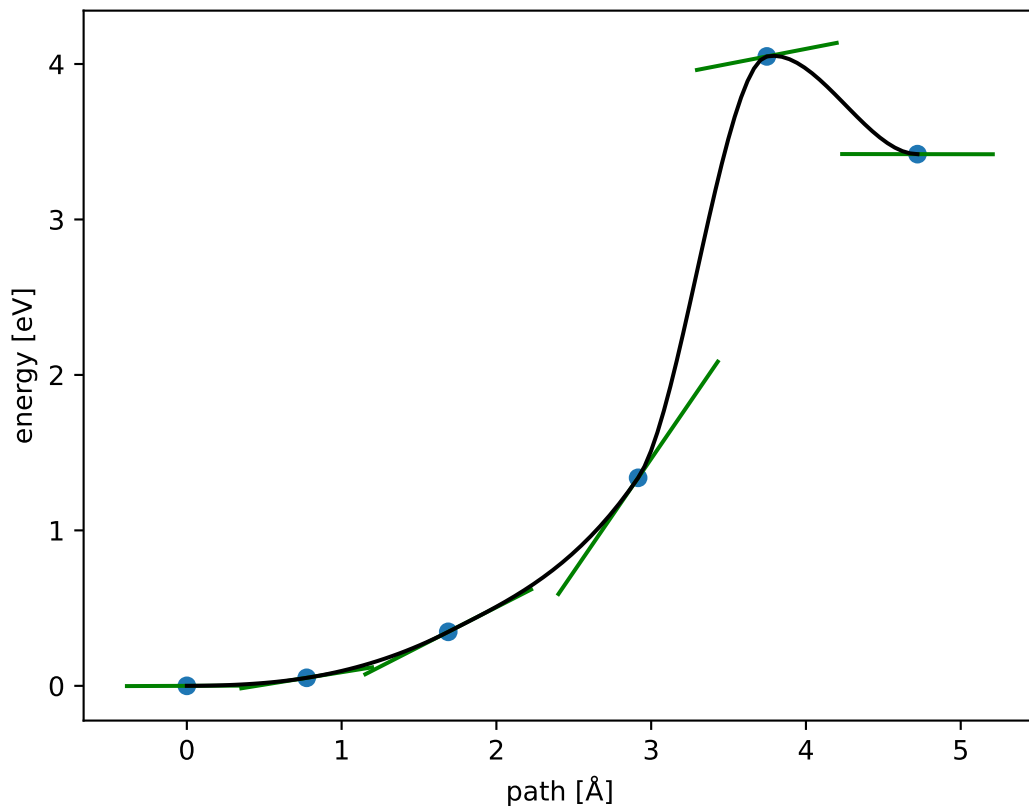
$$E_f \approx 4.051 \text{ eV}; E_r \approx 0.631 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



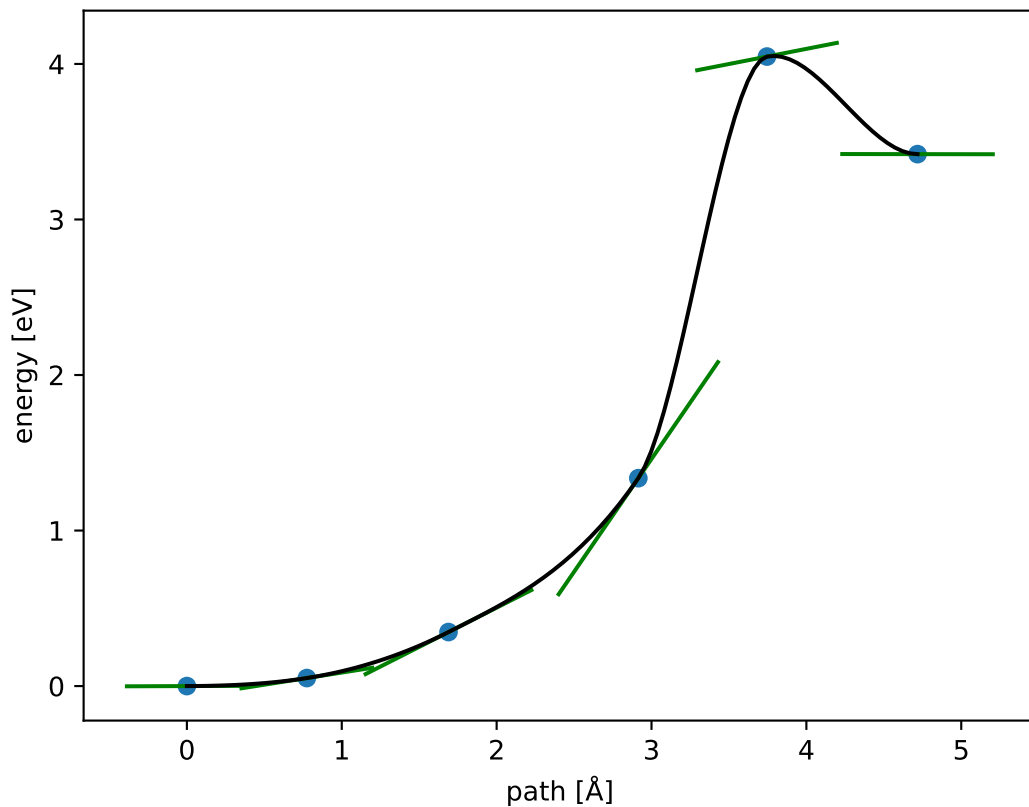
$$E_f \approx 4.050 \text{ eV}; E_r \approx 0.630 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



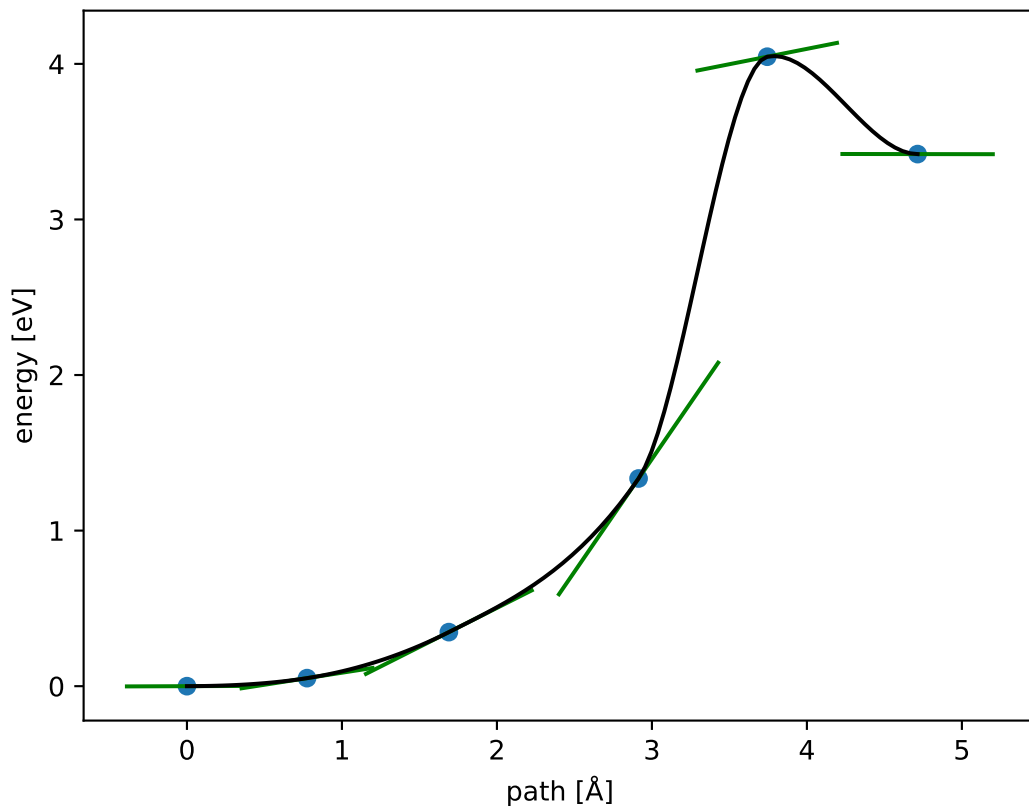
$$E_f \approx 4.049 \text{ eV}; E_r \approx 0.629 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



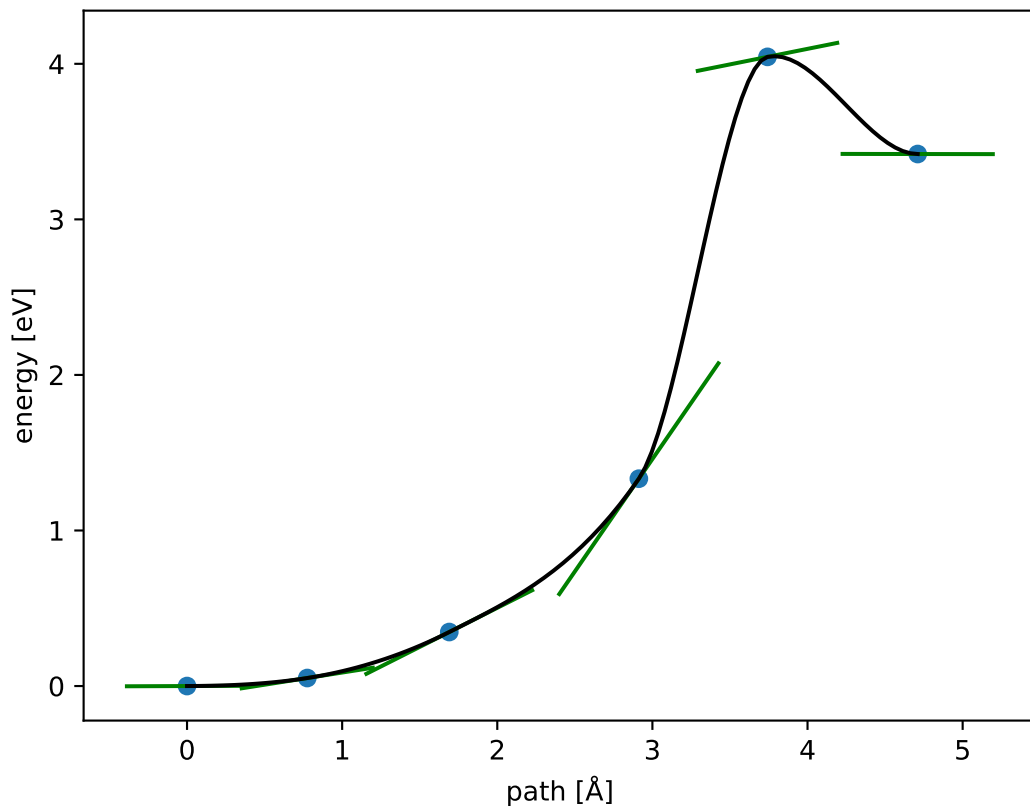
$$E_f \approx 4.047 \text{ eV}; E_r \approx 0.627 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



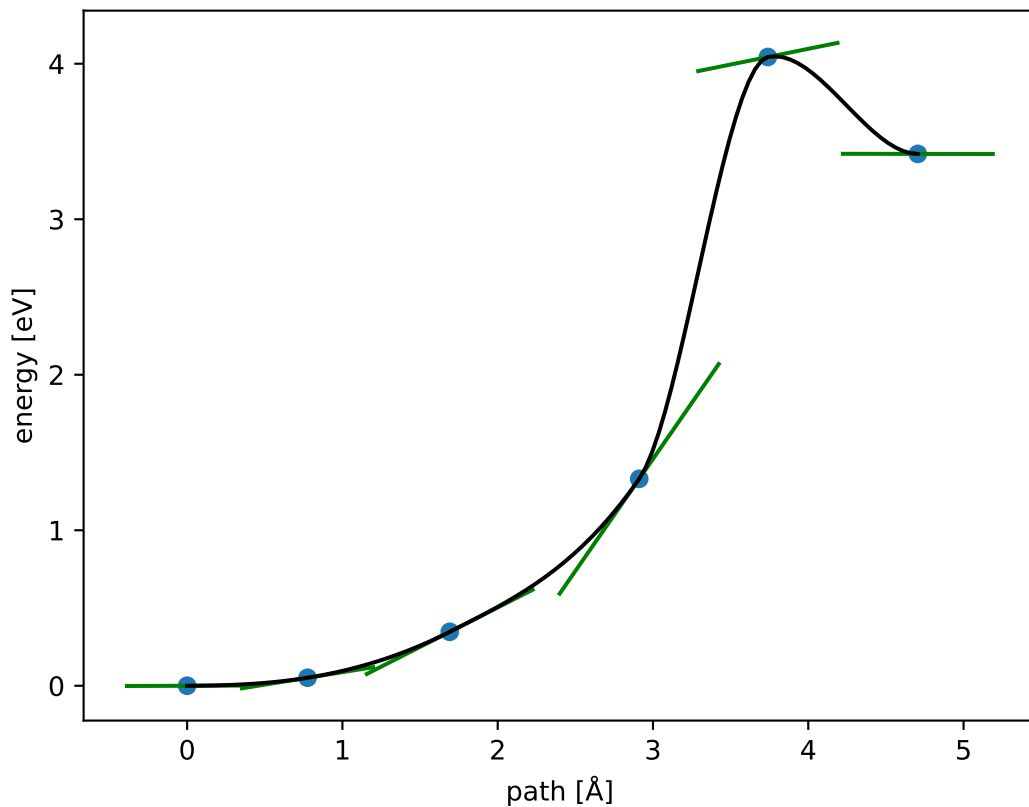
$$E_f \approx 4.046 \text{ eV}; E_r \approx 0.626 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



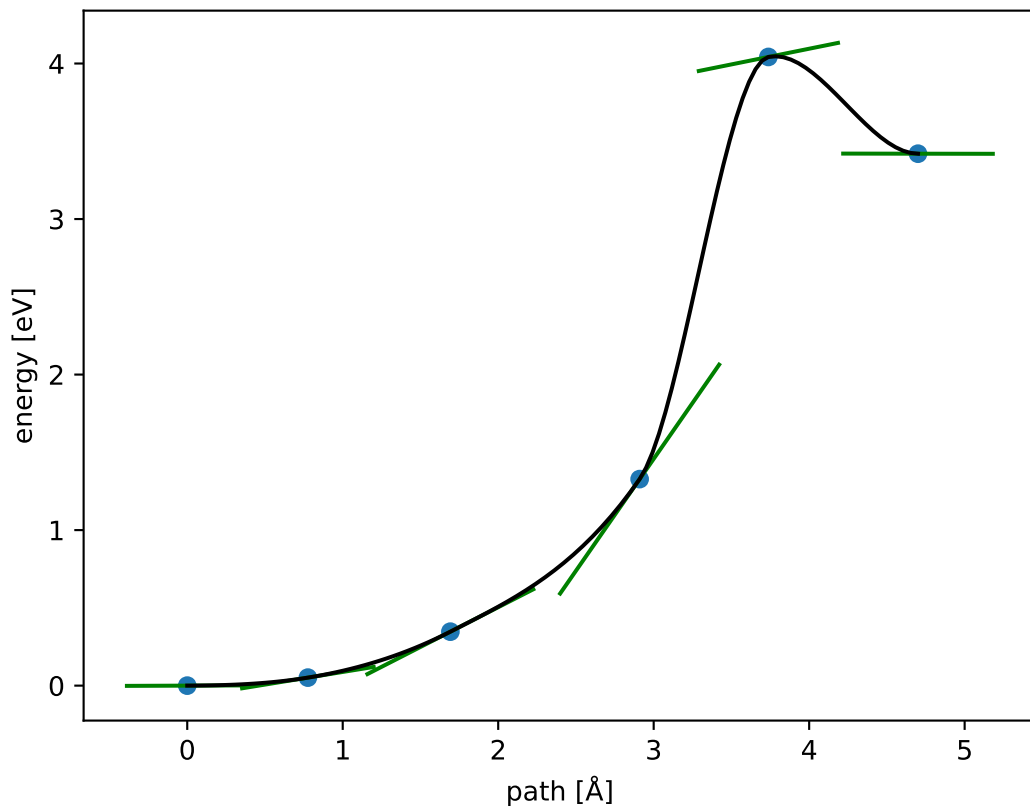
$$E_f \approx 4.045 \text{ eV}; E_r \approx 0.625 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



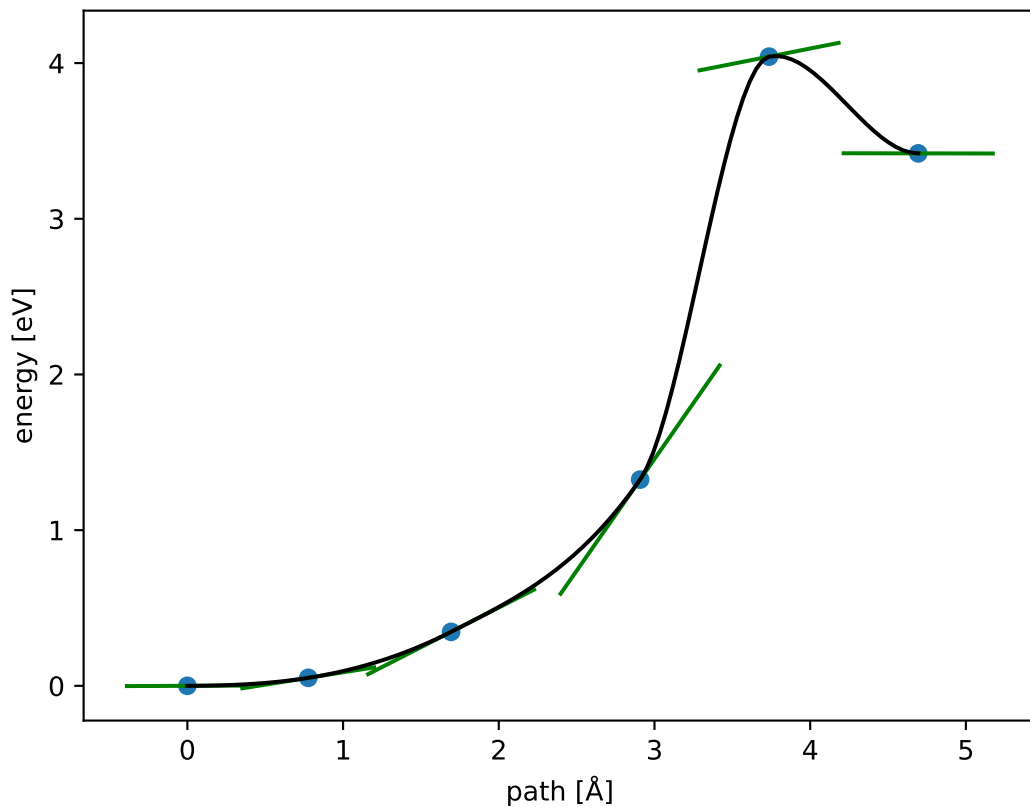
$$E_f \approx 4.043 \text{ eV}; E_r \approx 0.623 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



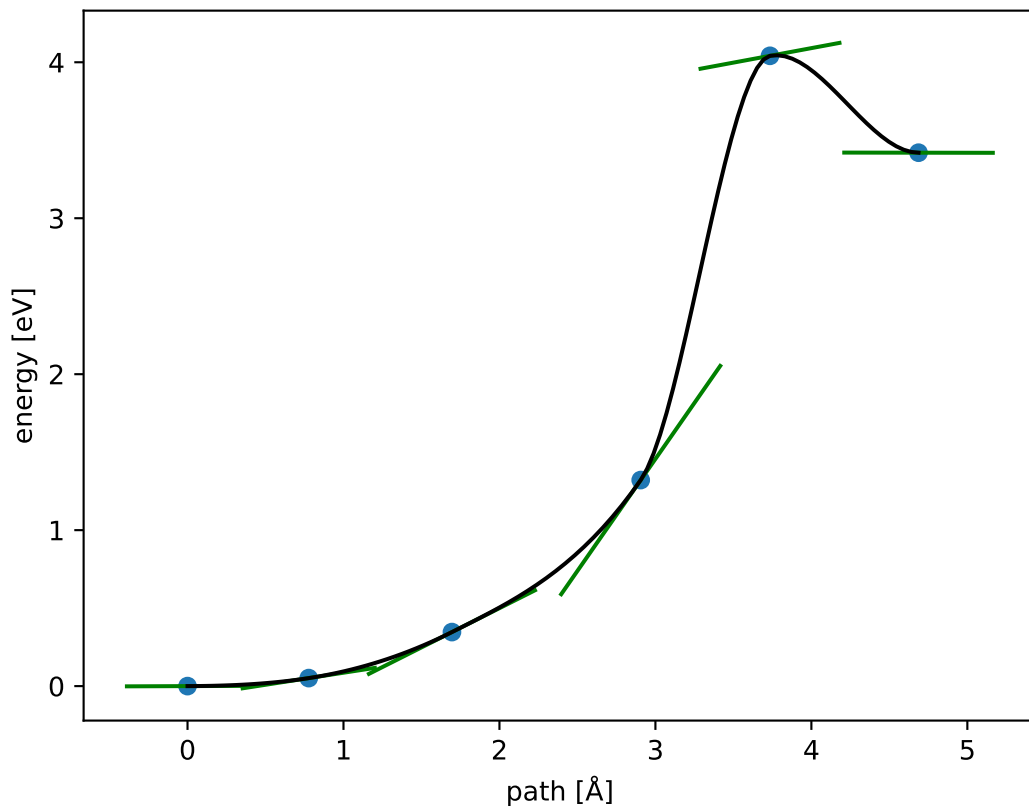
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



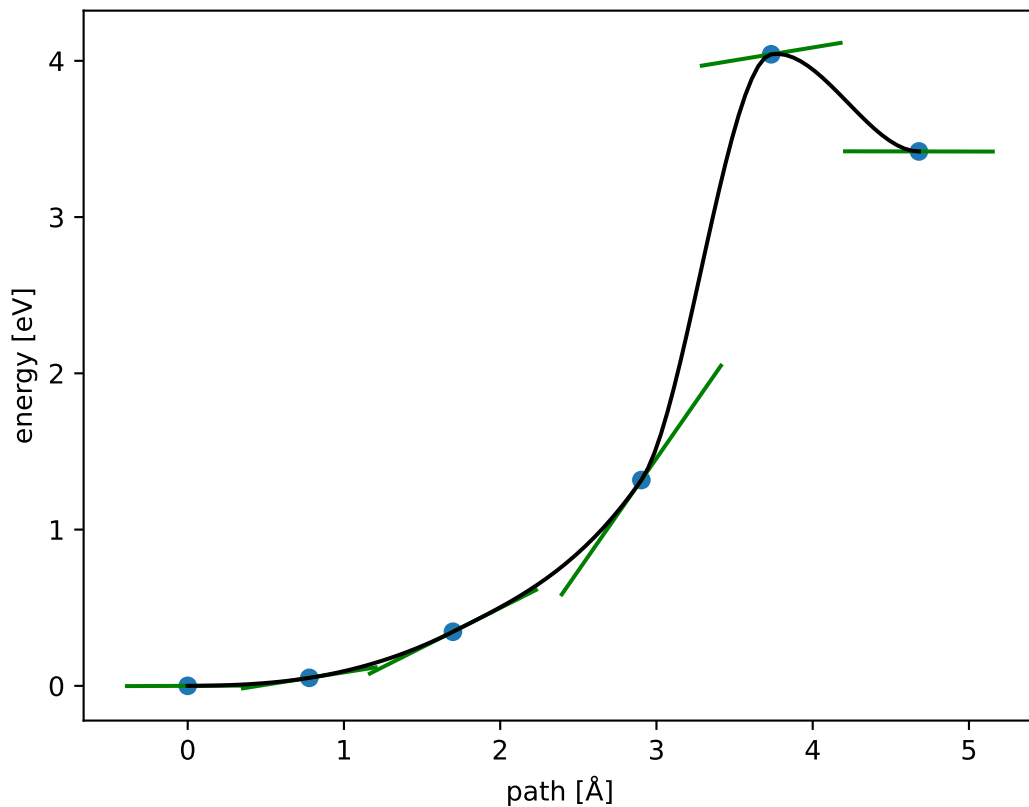
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



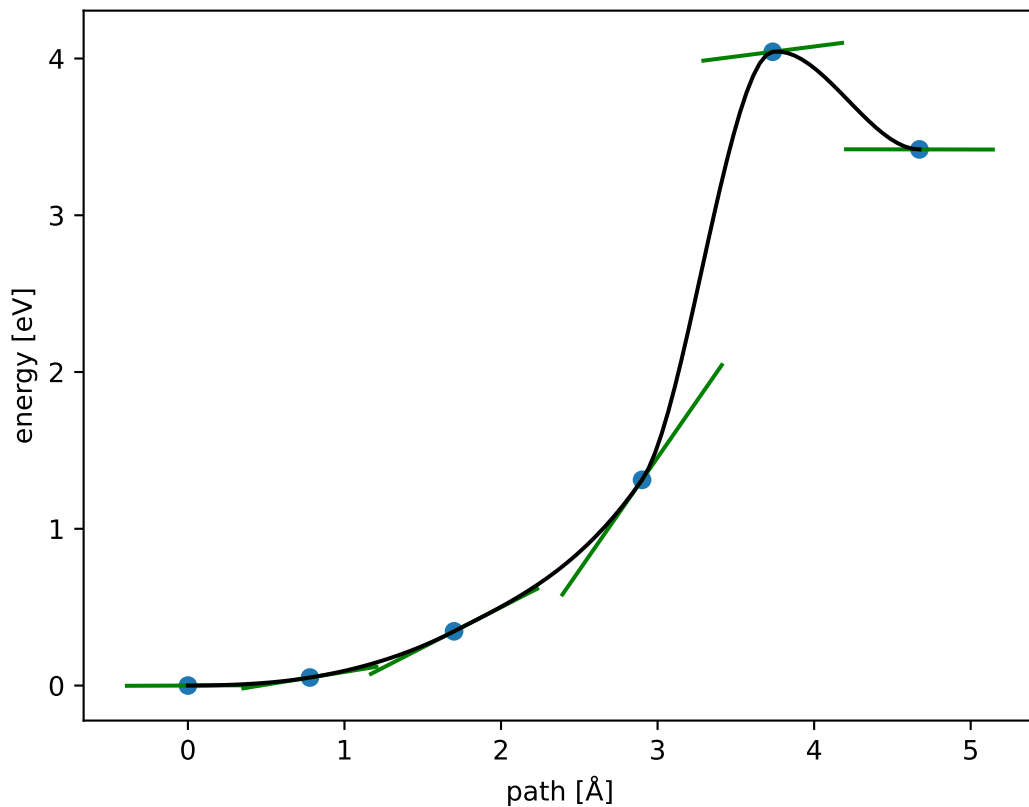
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



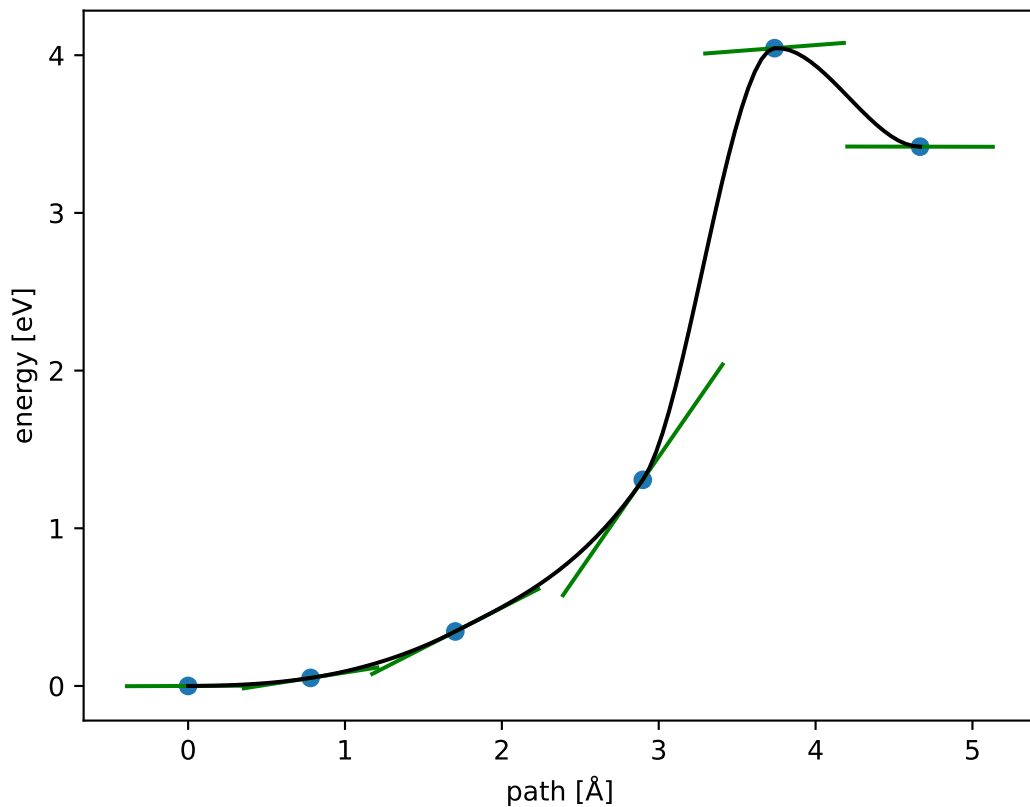
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



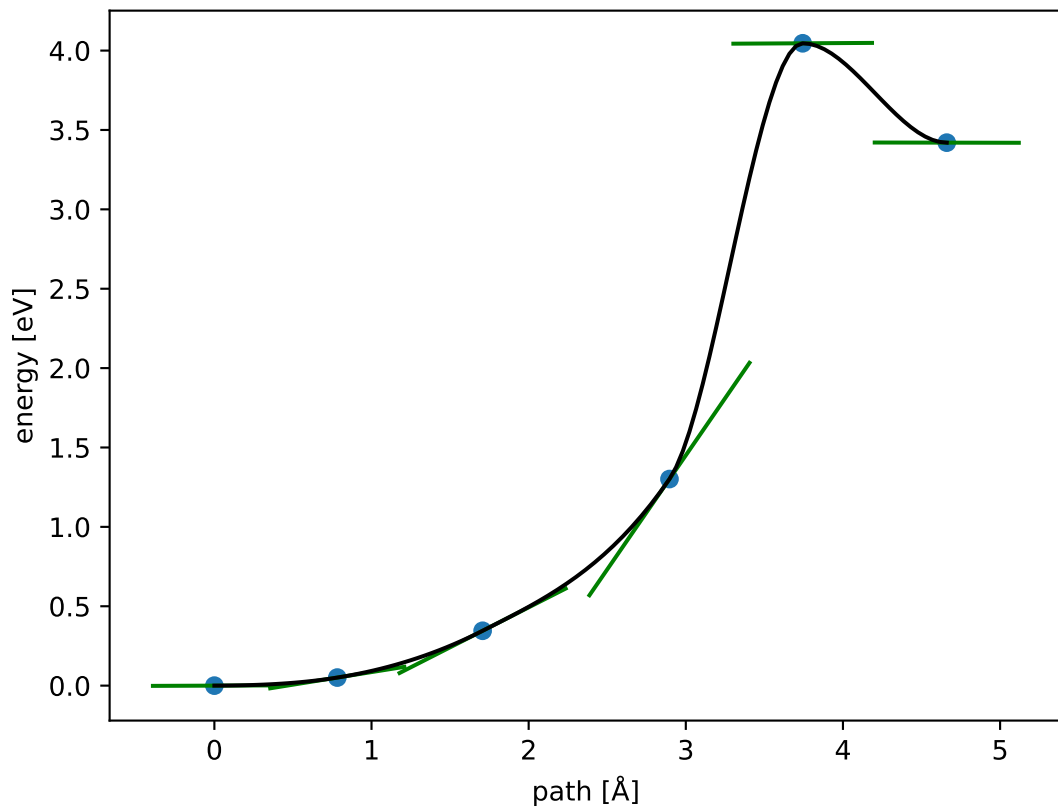
$$E_f \approx 4.043 \text{ eV}; E_r \approx 0.623 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



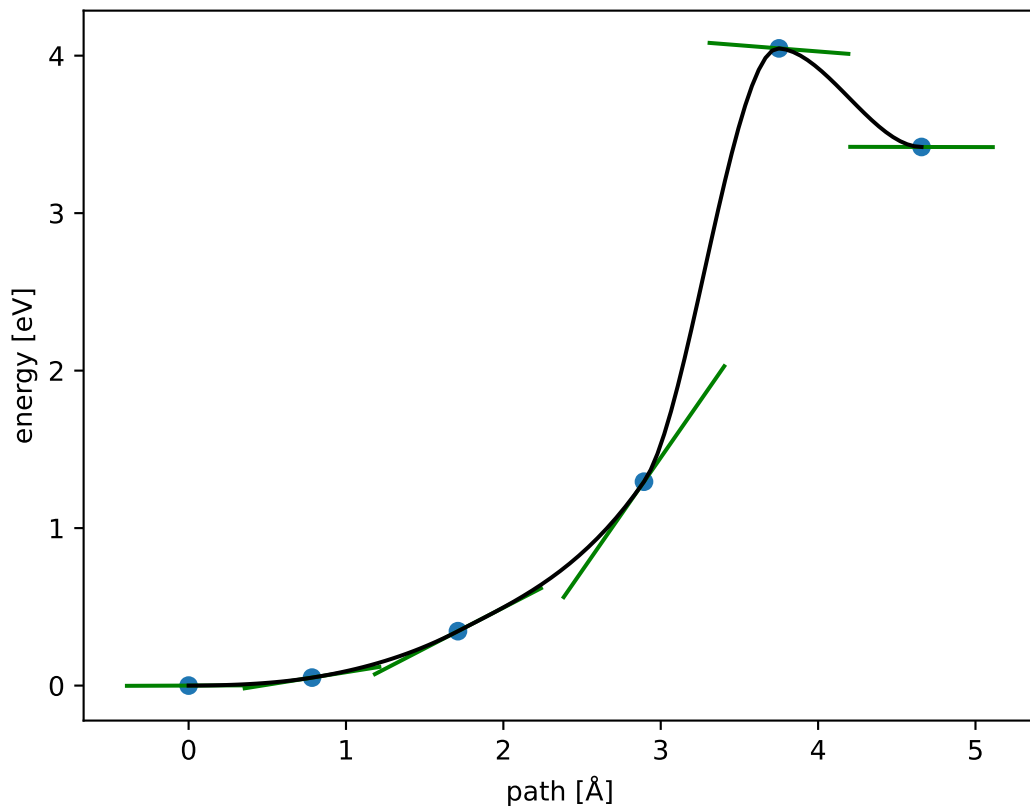
$$E_f \approx 4.045 \text{ eV}; E_r \approx 0.624 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



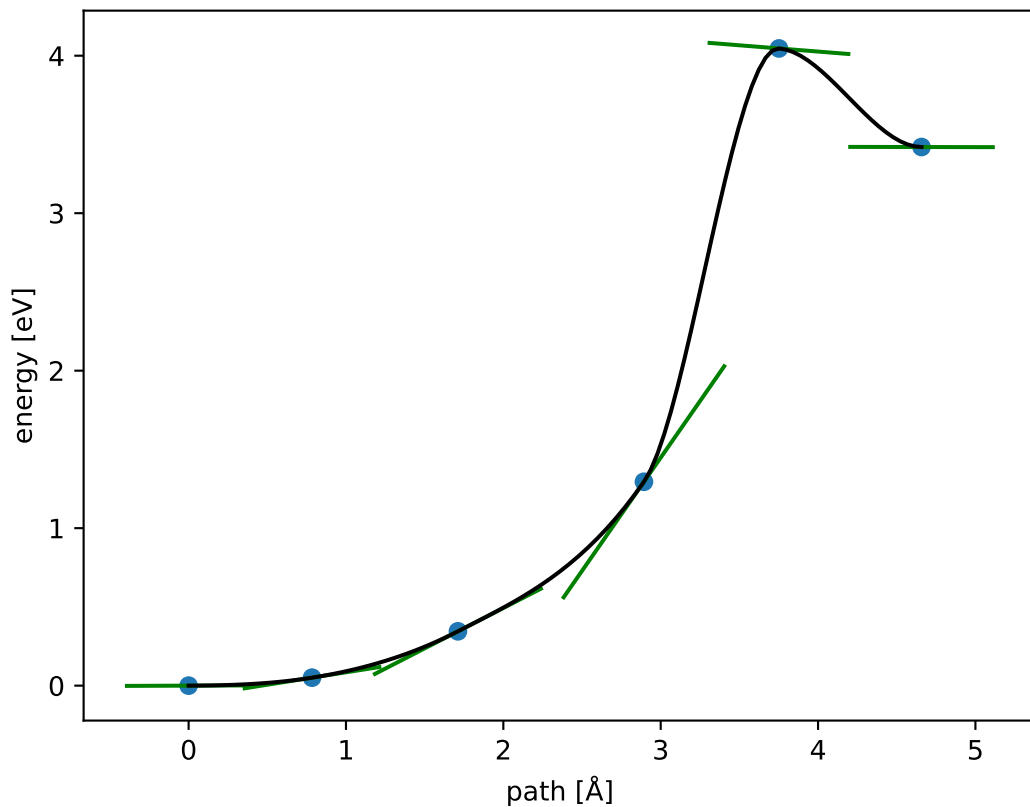
$$E_f \approx 4.046 \text{ eV}; E_r \approx 0.626 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



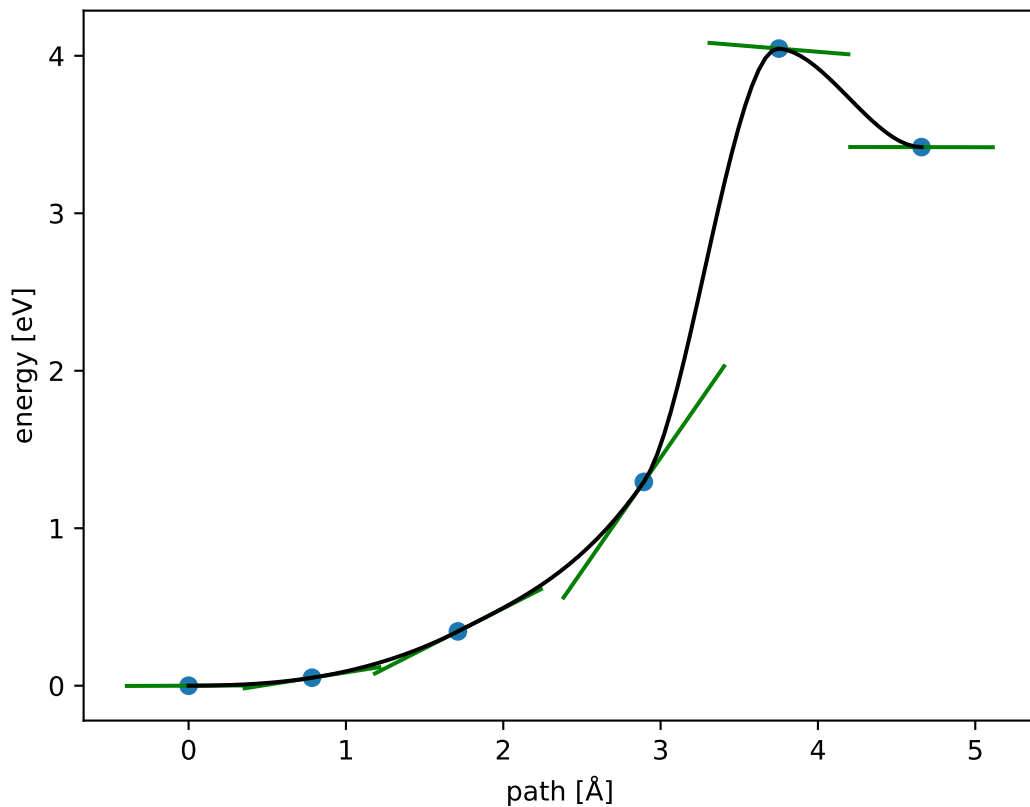
$$E_f \approx 4.046 \text{ eV}; E_r \approx 0.626 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



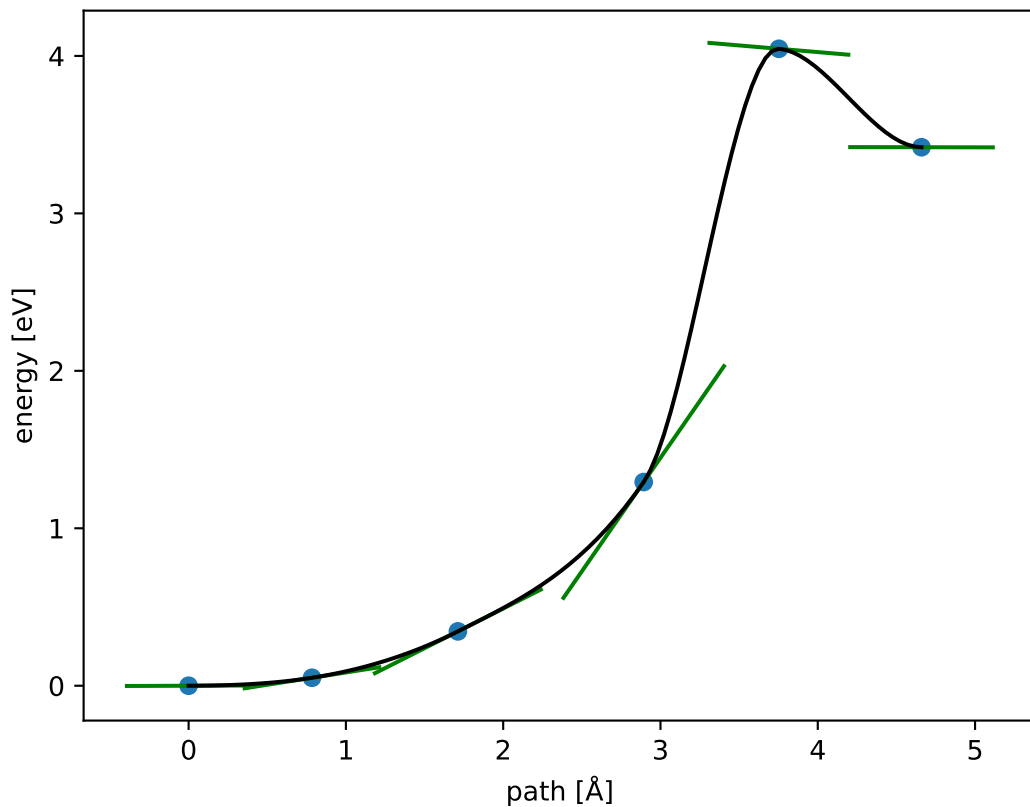
$$E_f \approx 4.046 \text{ eV}; E_r \approx 0.626 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



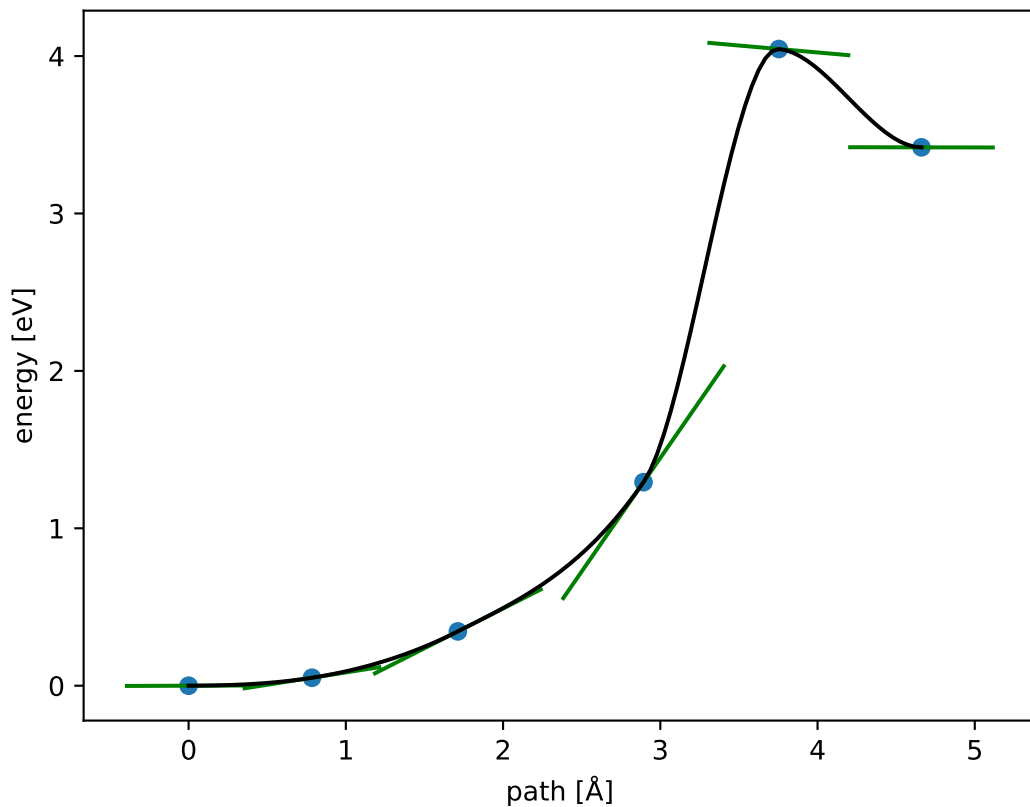
$$E_f \approx 4.046 \text{ eV}; E_r \approx 0.626 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



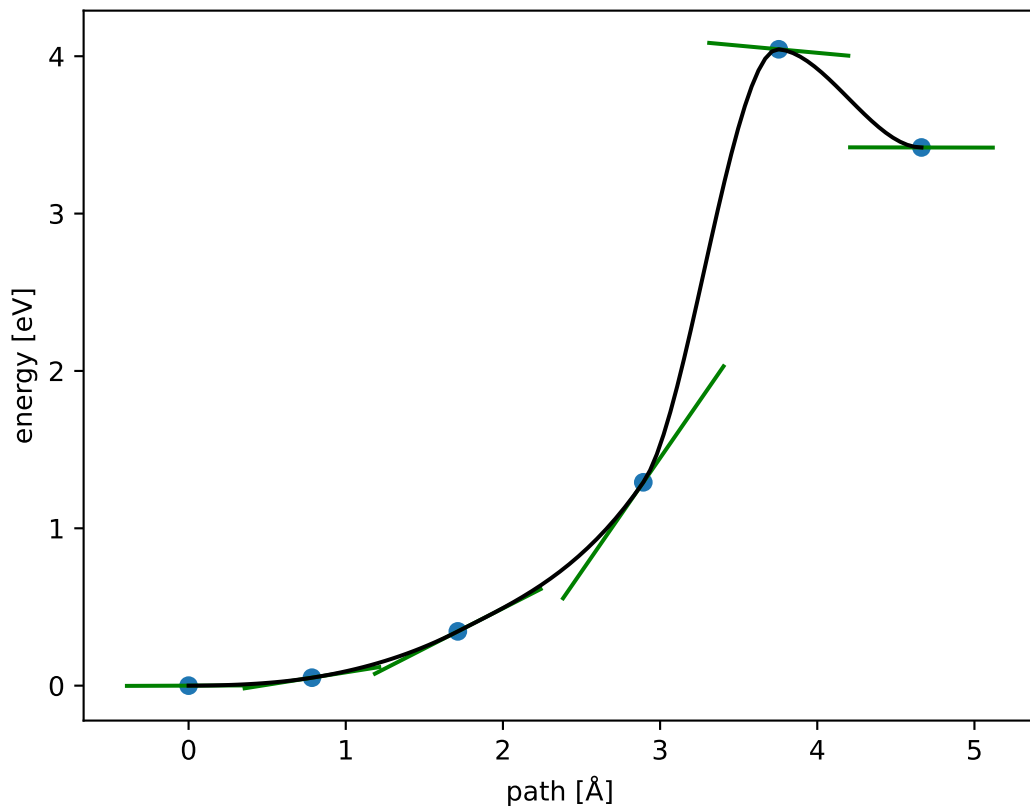
$$E_f \approx 4.045 \text{ eV}; E_r \approx 0.625 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



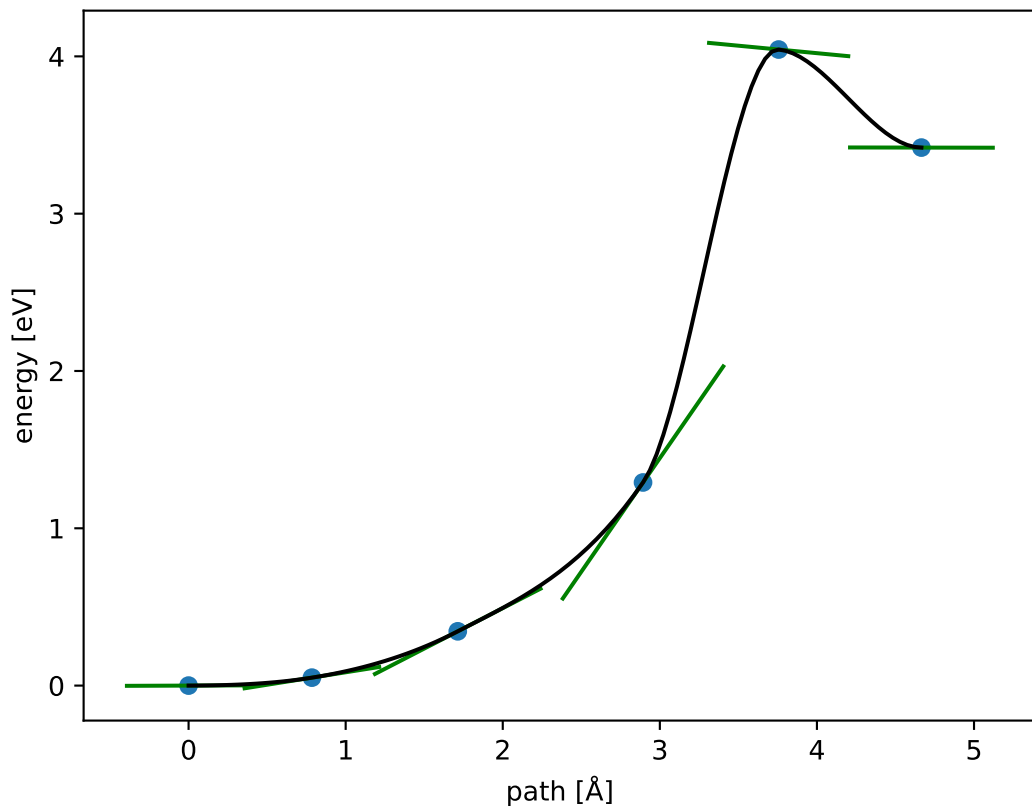
$$E_f \approx 4.045 \text{ eV}; E_r \approx 0.625 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



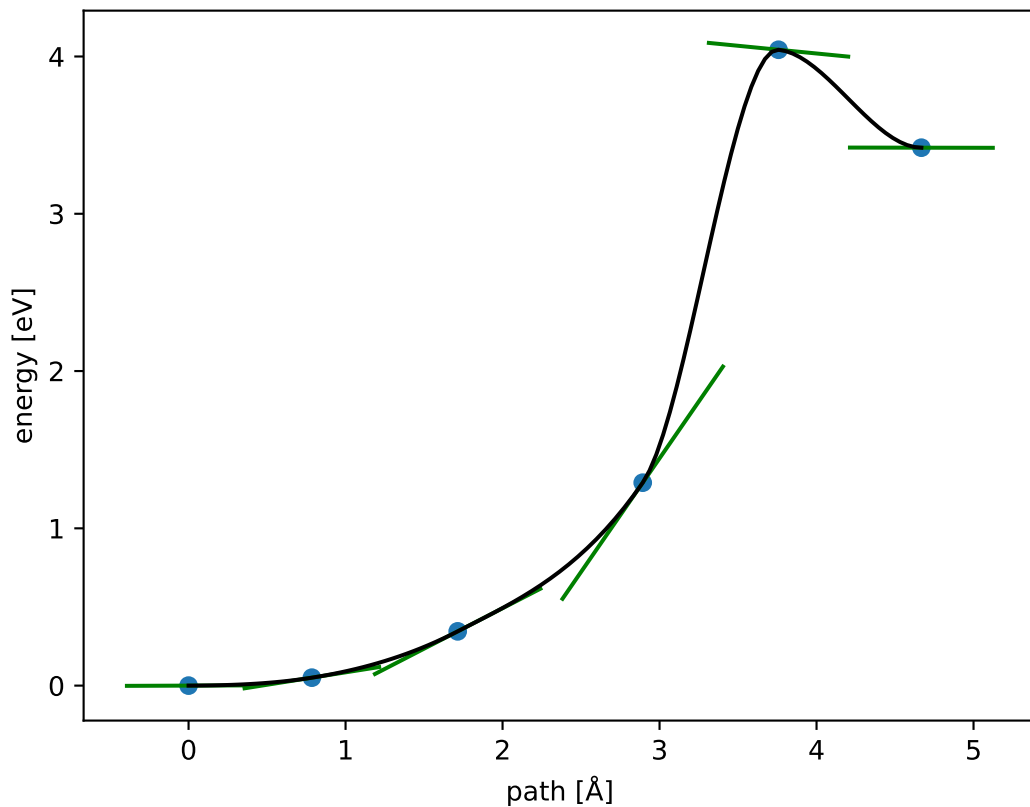
$$E_f \approx 4.044 \text{ eV}; E_r \approx 0.624 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



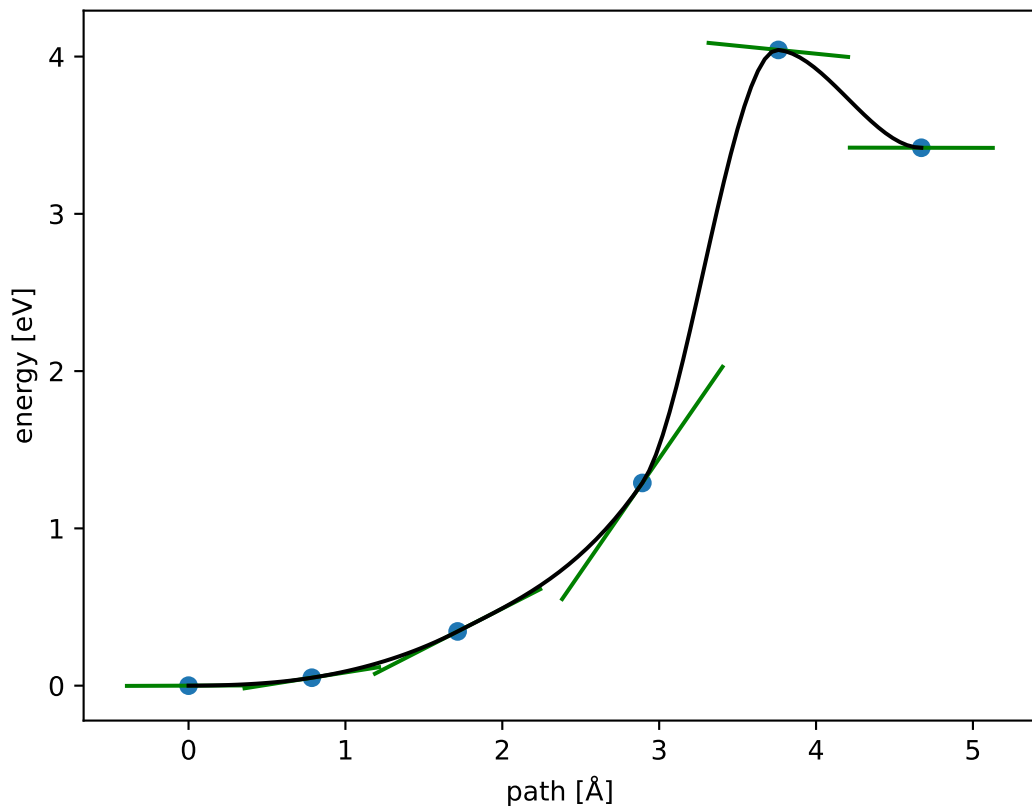
$$E_f \approx 4.043 \text{ eV}; E_r \approx 0.623 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



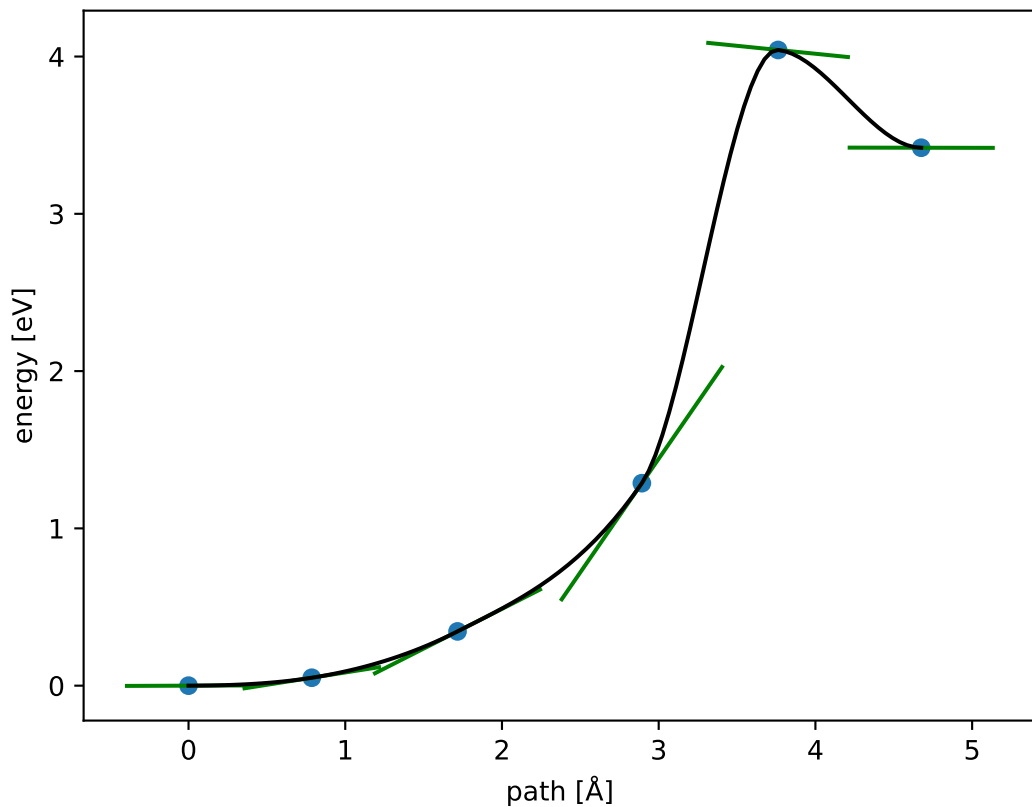
$$E_f \approx 4.043 \text{ eV}; E_r \approx 0.623 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



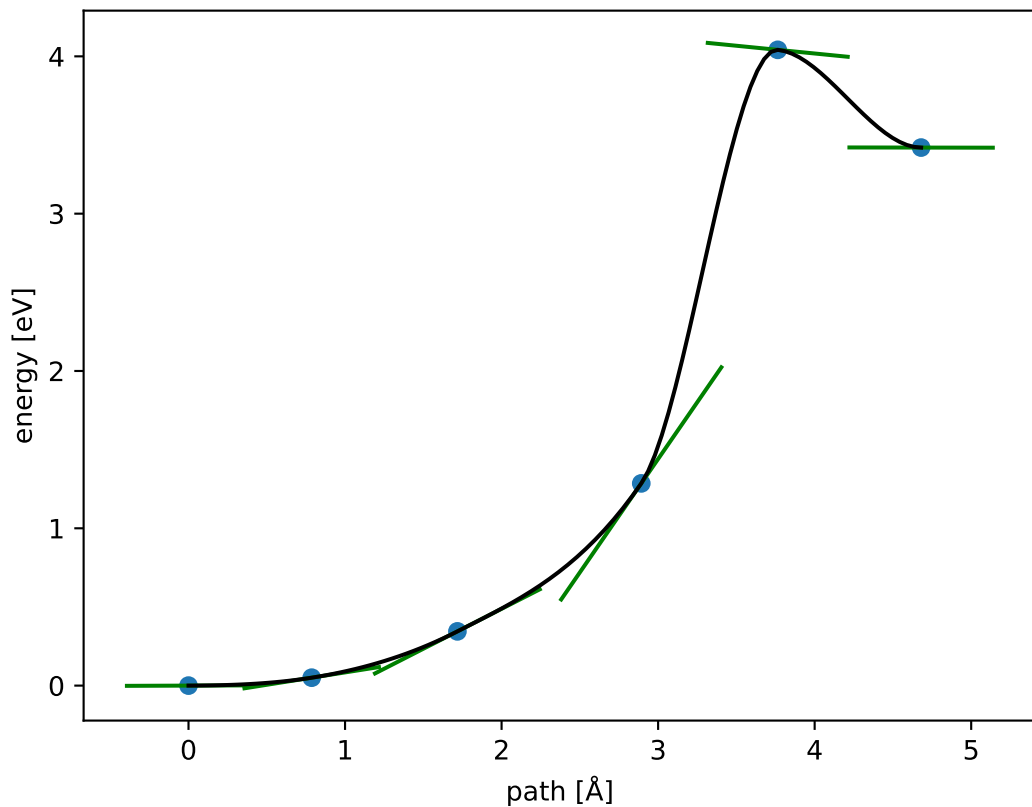
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



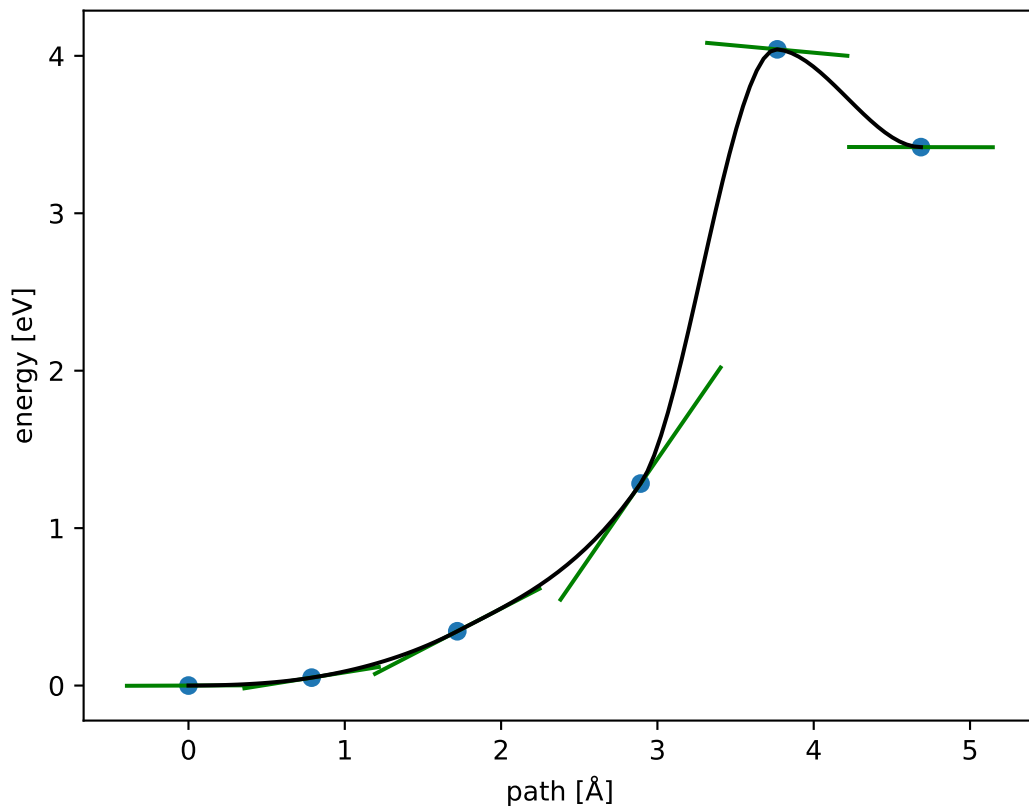
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



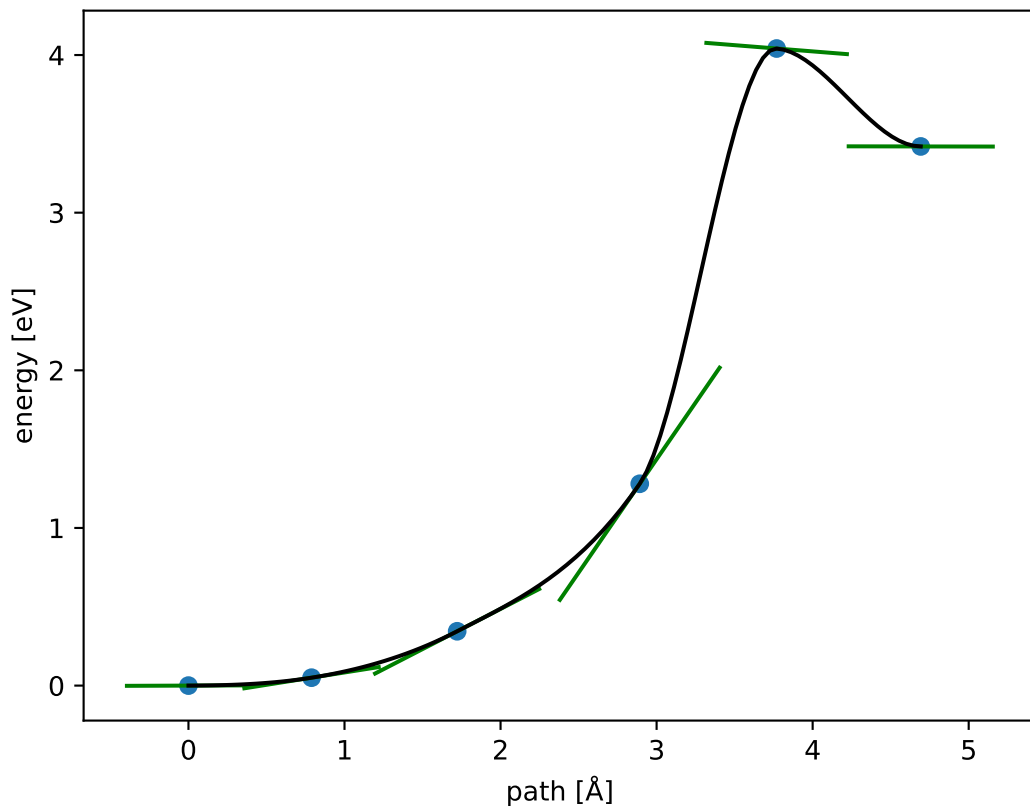
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



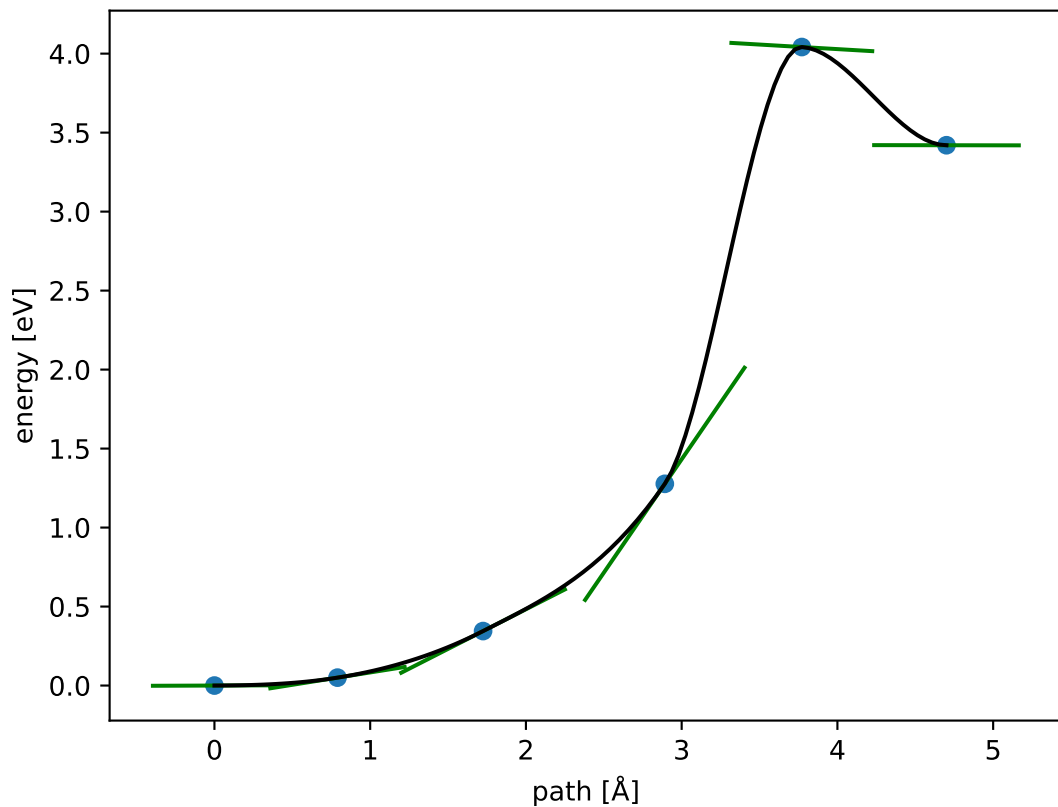
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



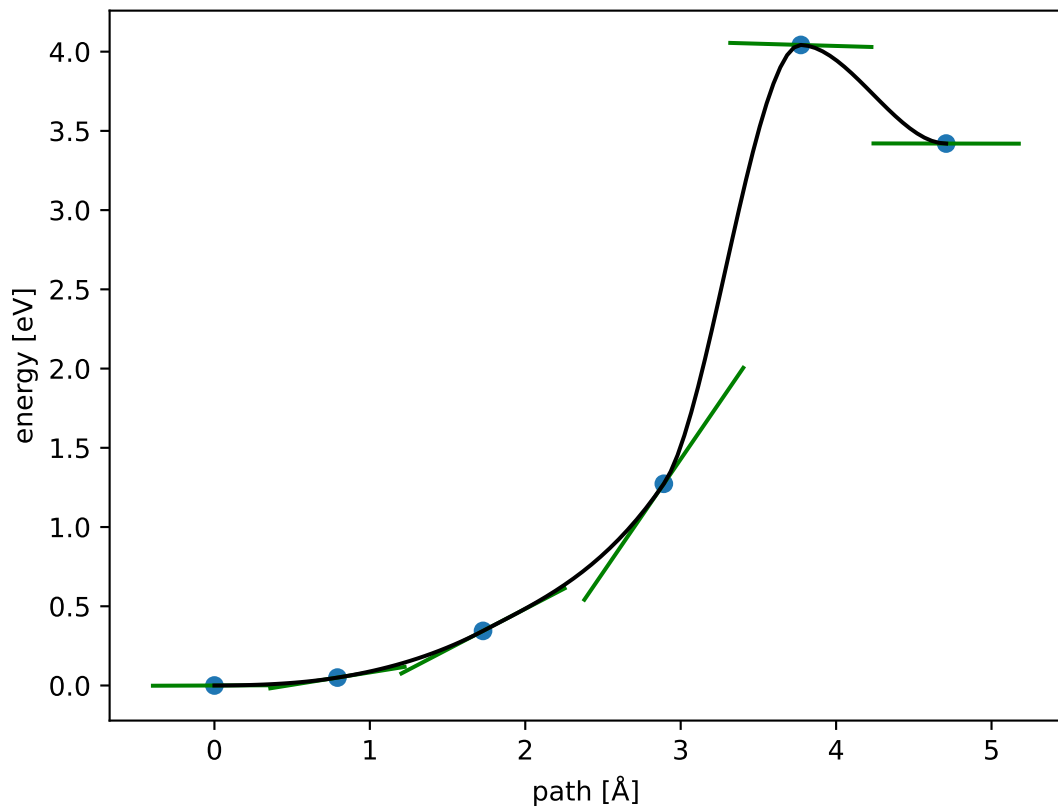
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



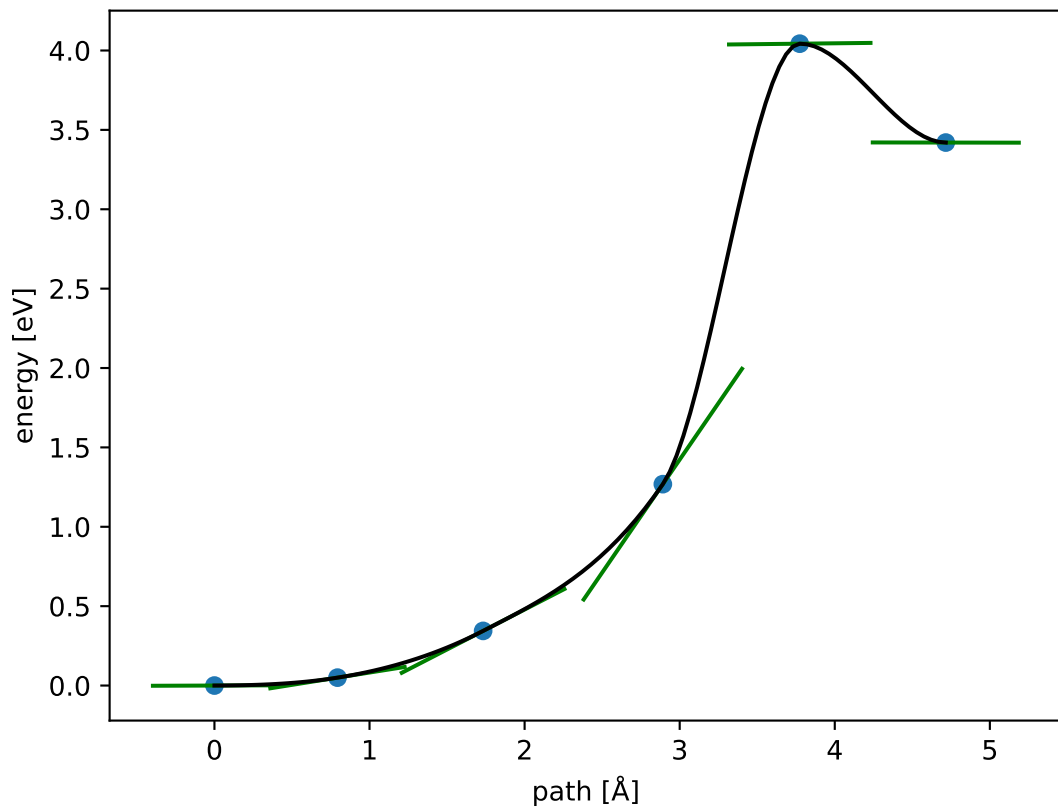
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



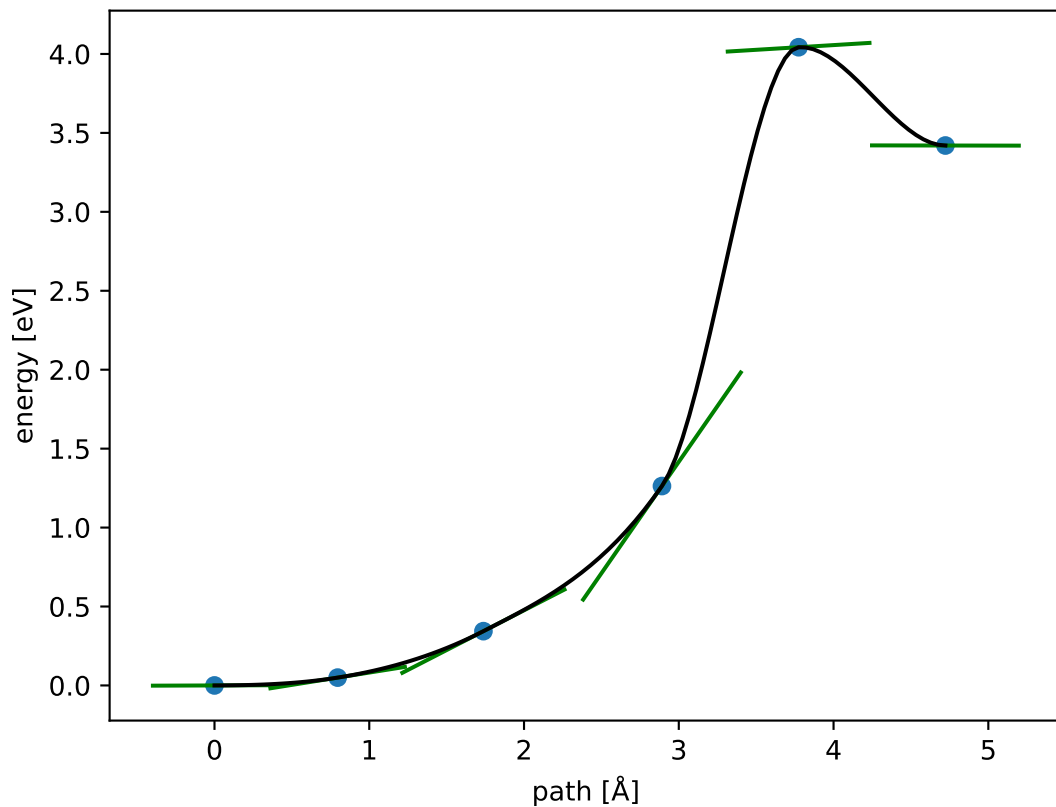
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



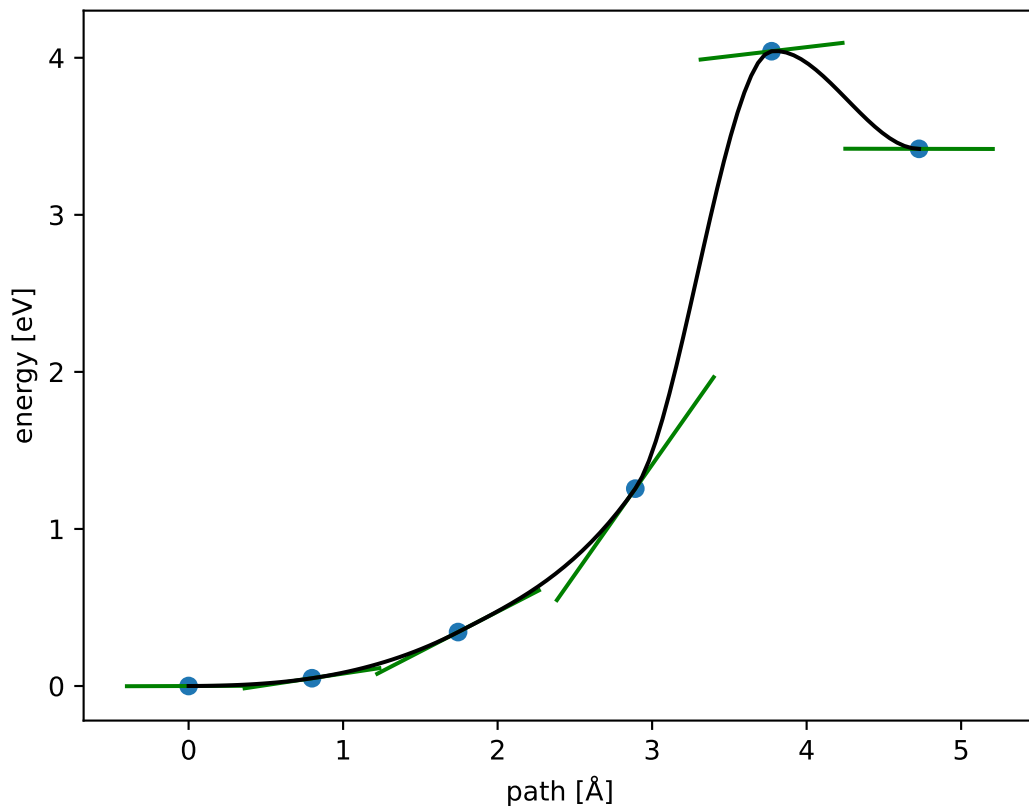
$$E_f \approx 4.043 \text{ eV}; E_r \approx 0.623 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



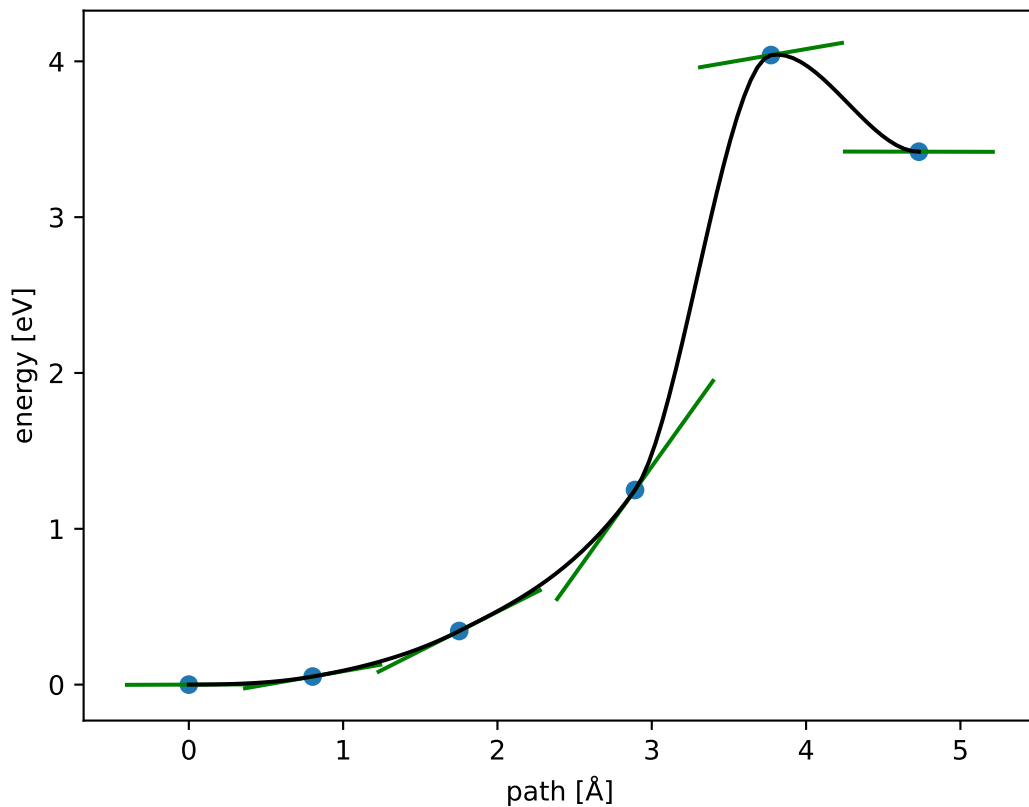
$$E_f \approx 4.043 \text{ eV}; E_r \approx 0.623 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



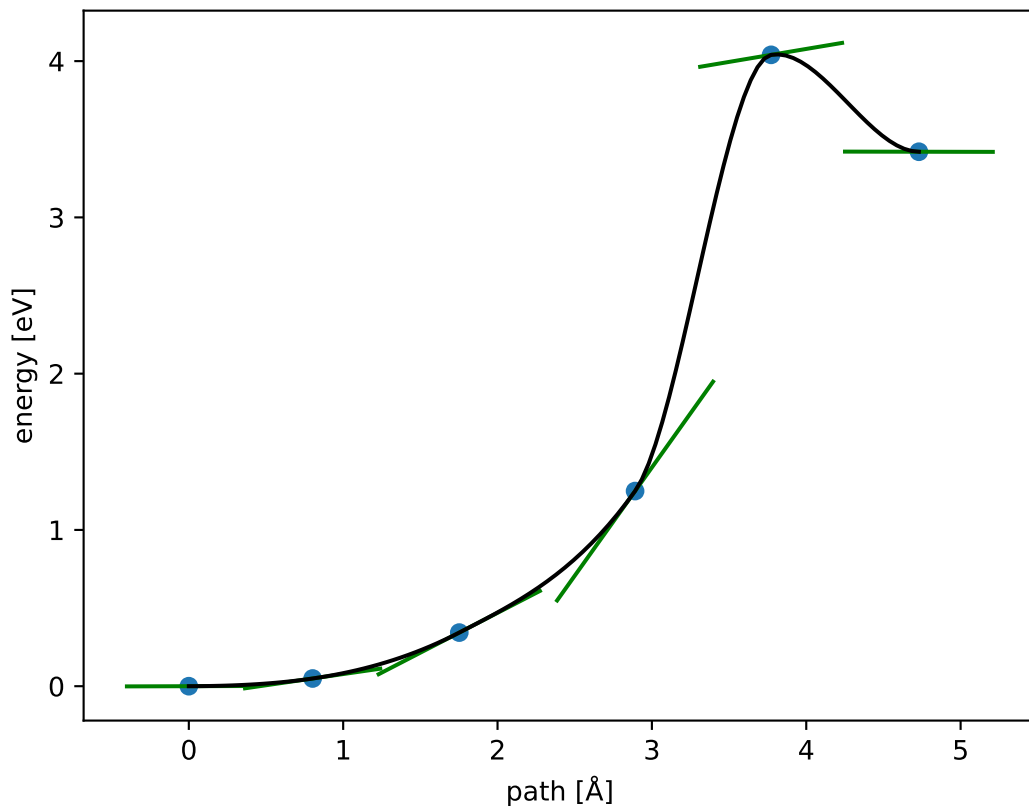
$$E_f \approx 4.042 \text{ eV}; E_r \approx 0.622 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



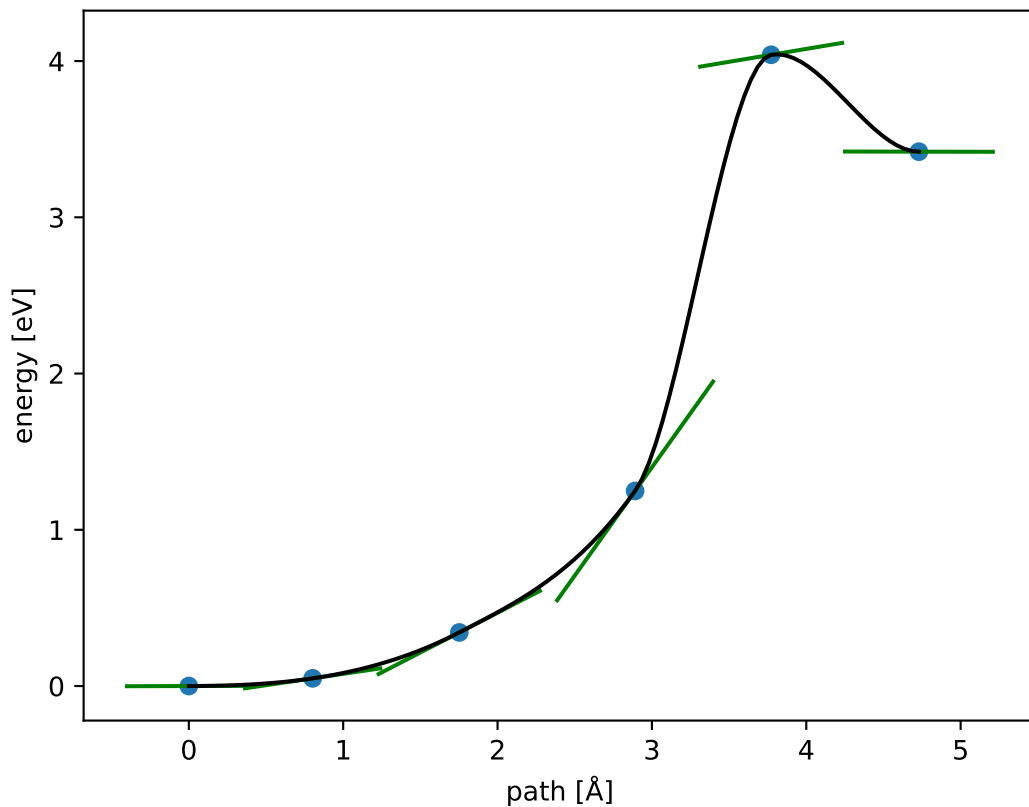
$$E_f \approx 4.040 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



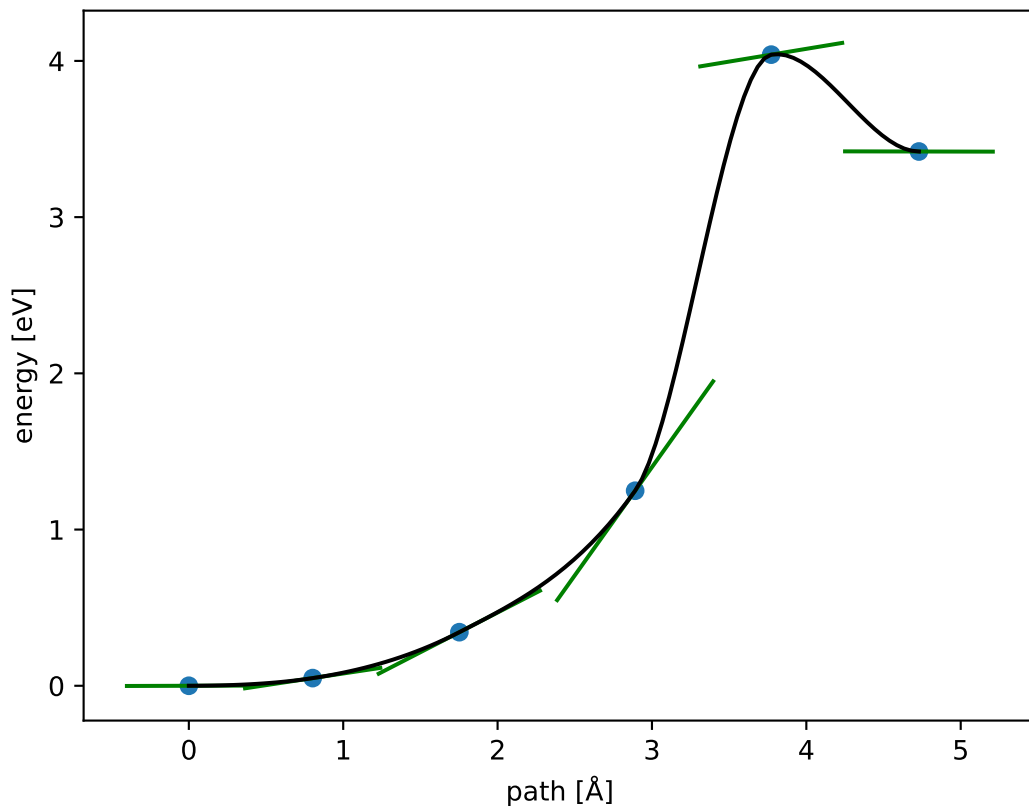
$$E_f \approx 4.040 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



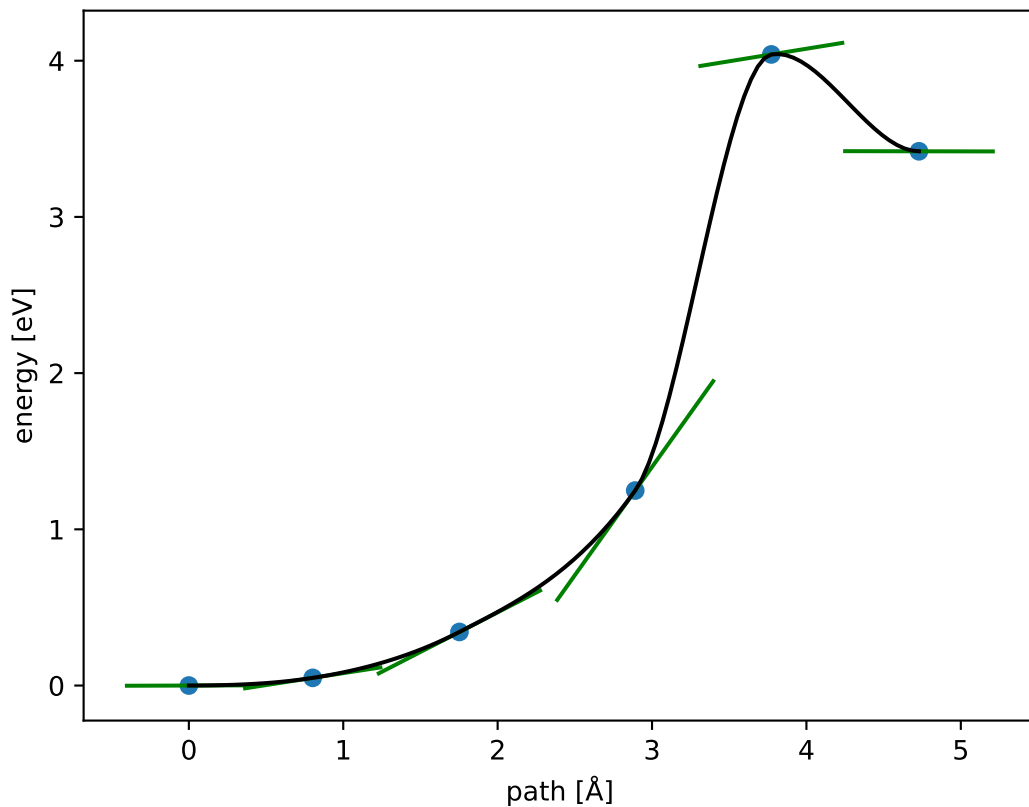
$$E_f \approx 4.040 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



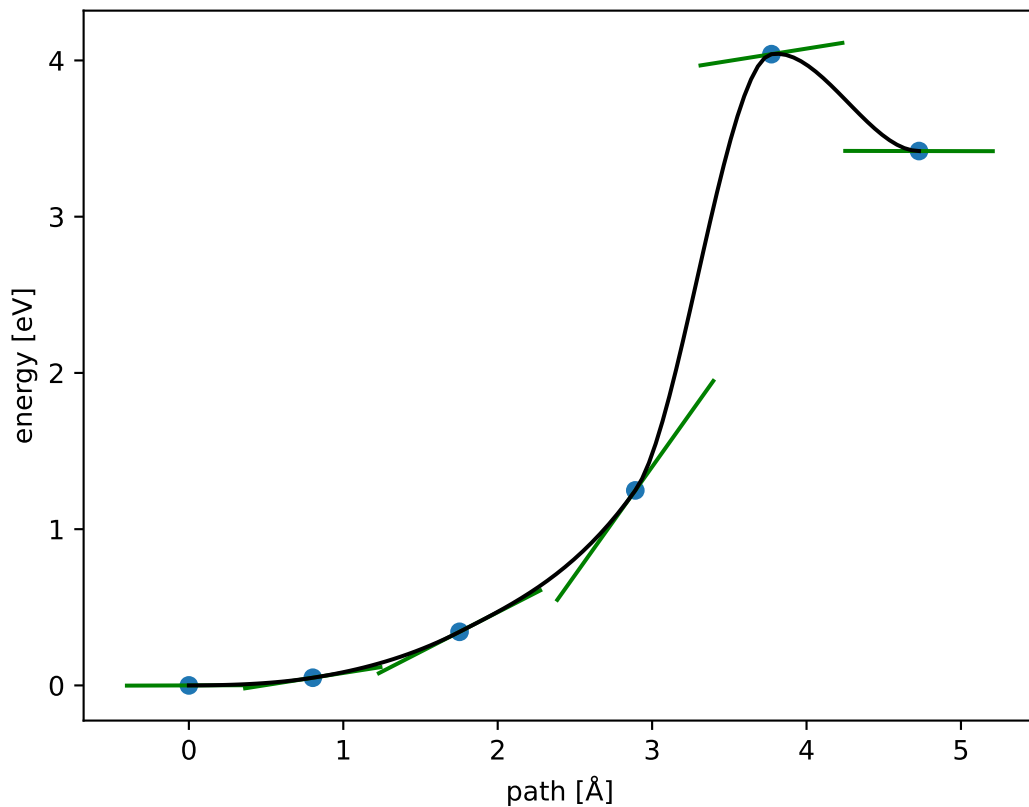
$$E_f \approx 4.040 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



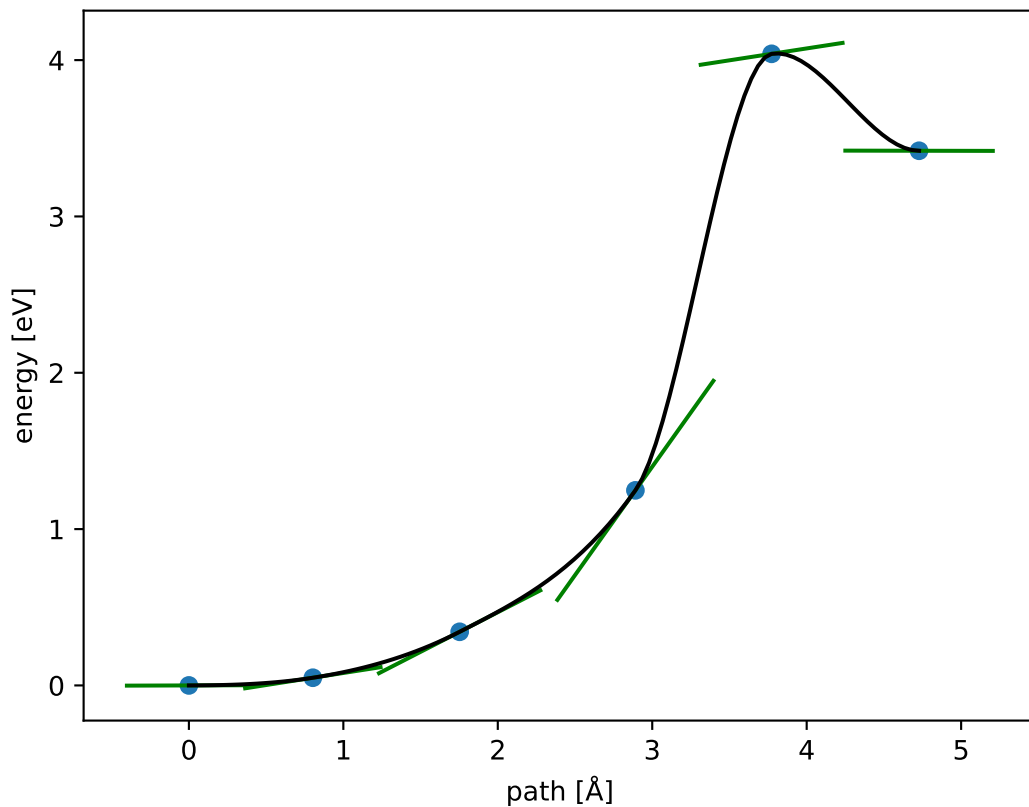
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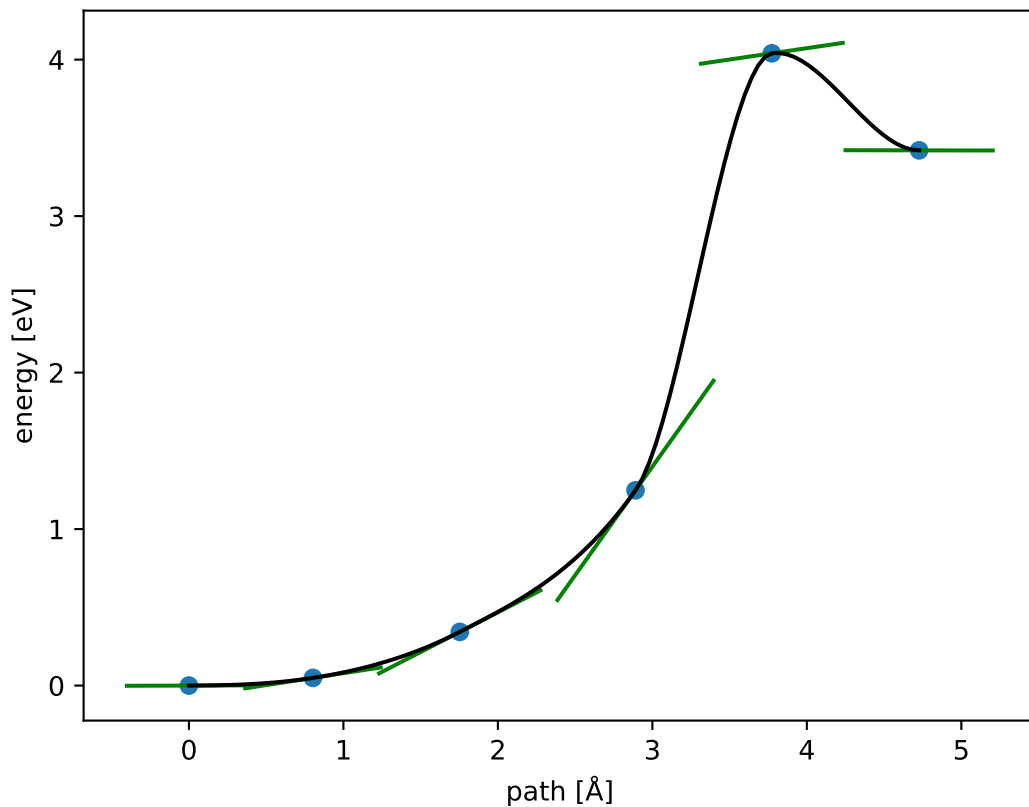
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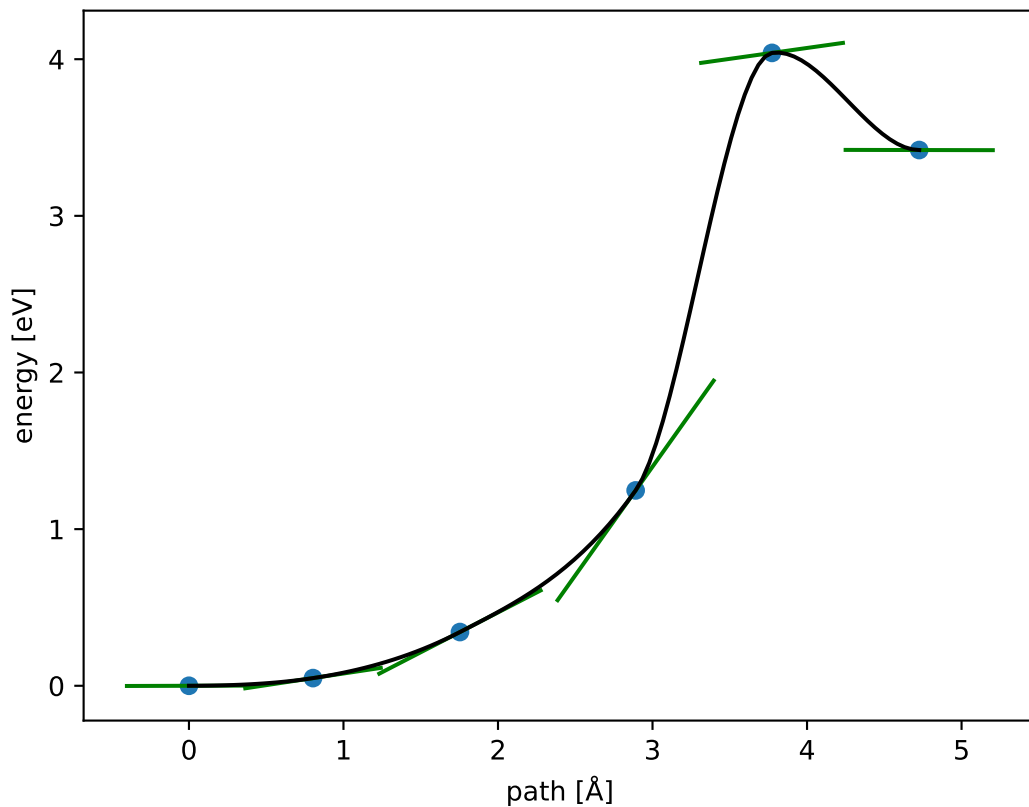
$$E_f \approx 4.040 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



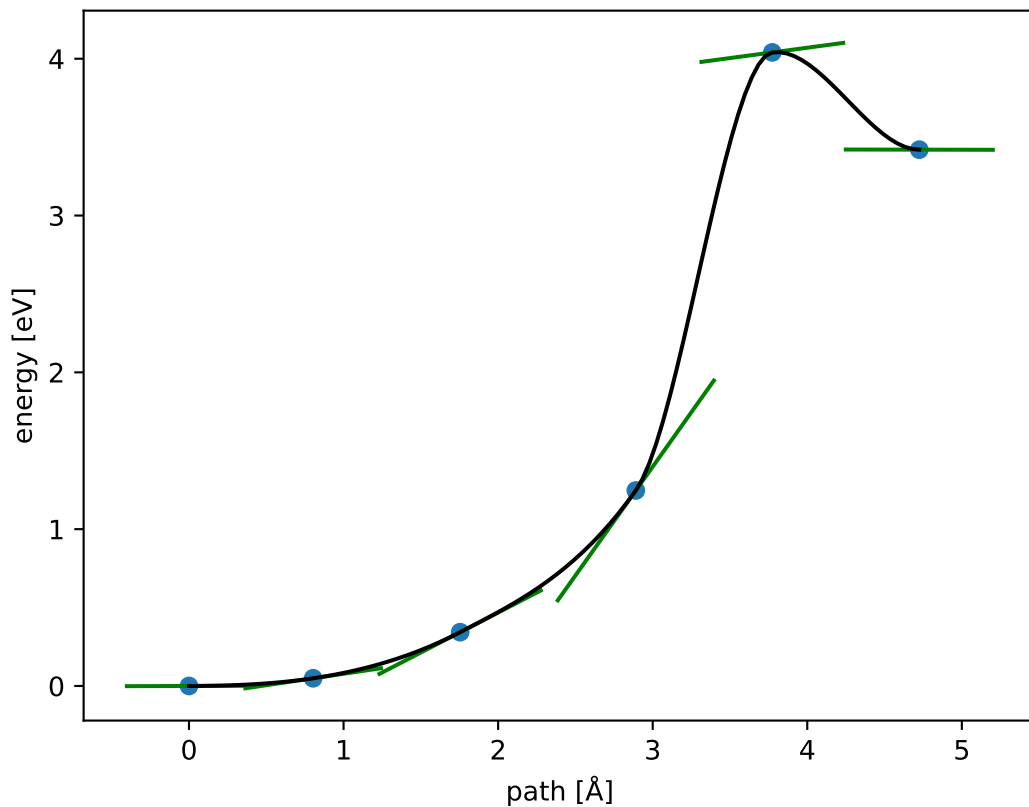
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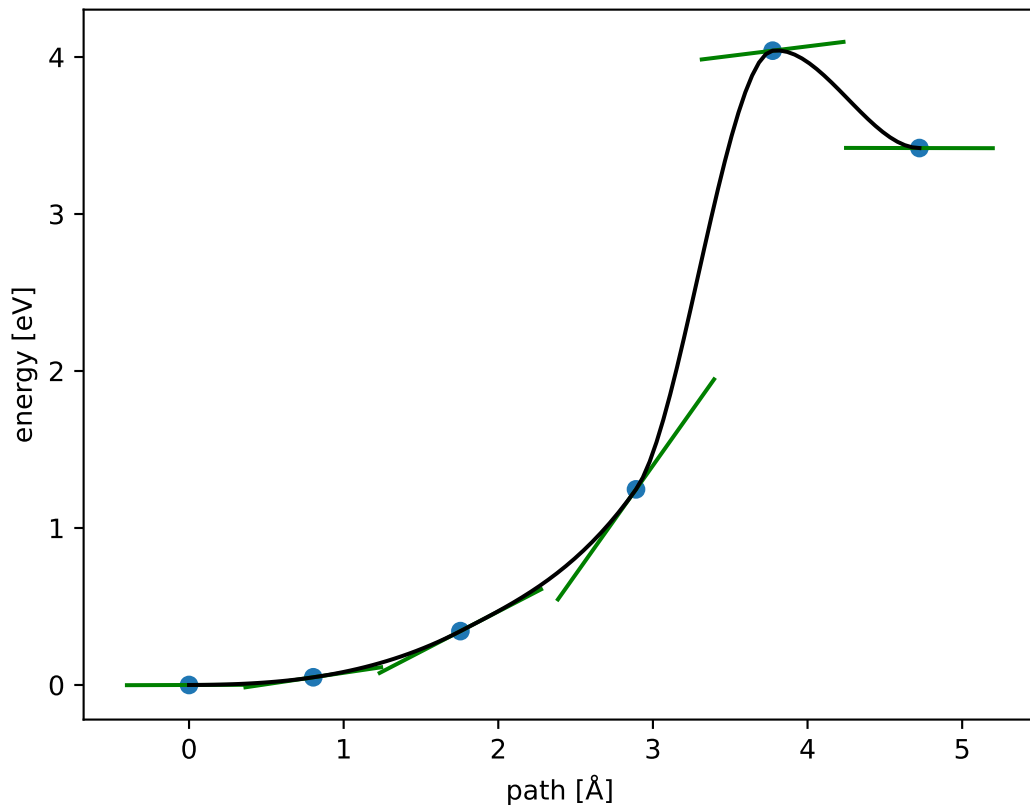
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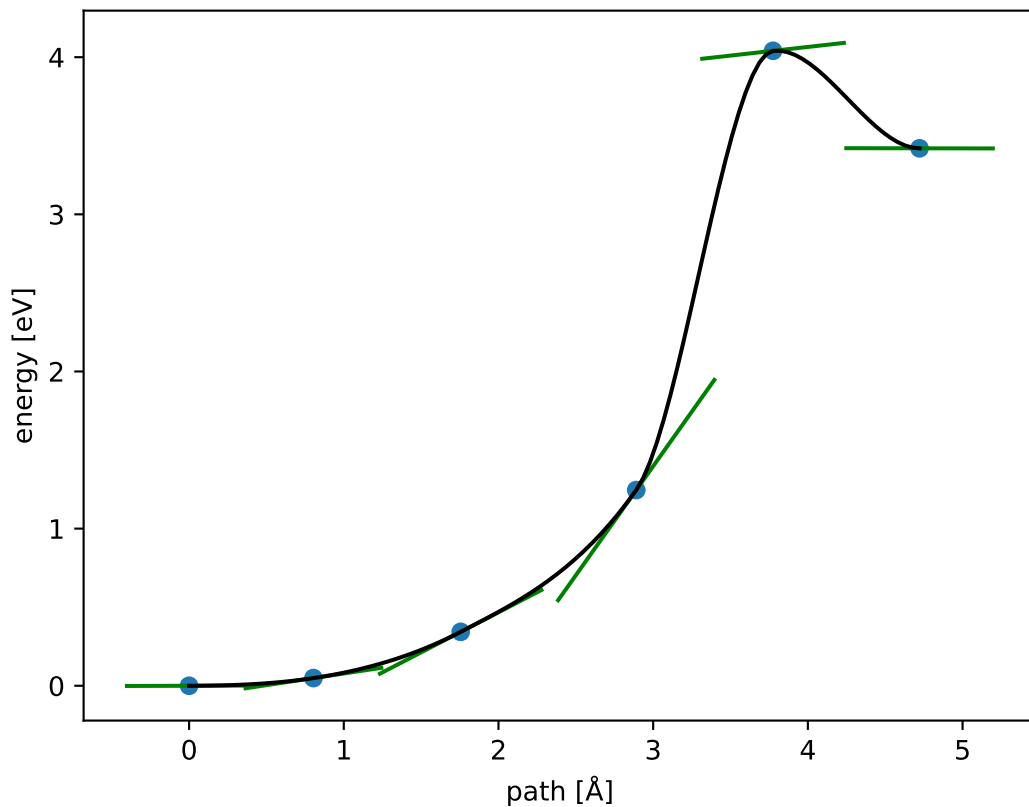
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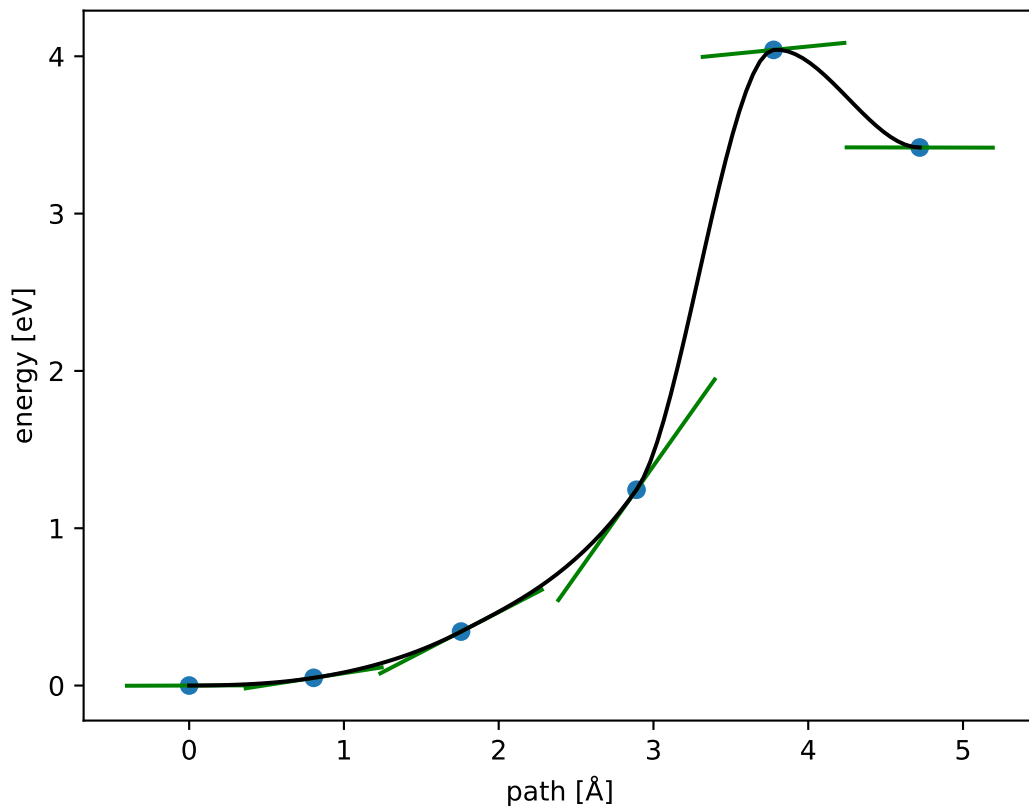
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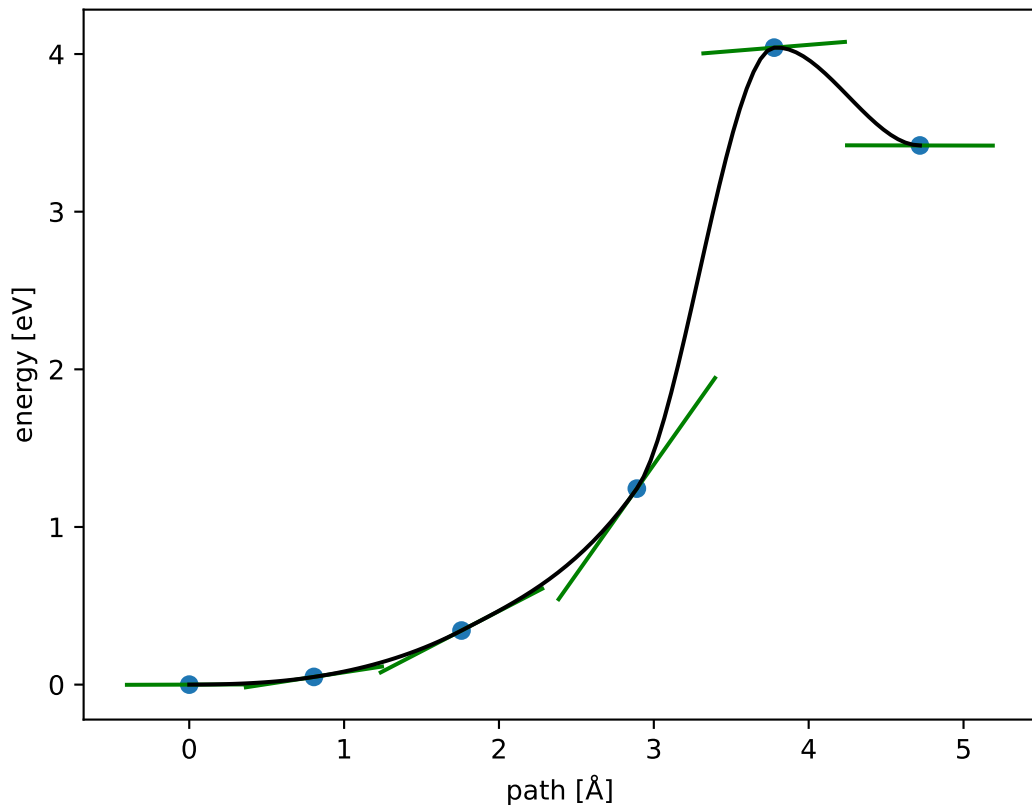
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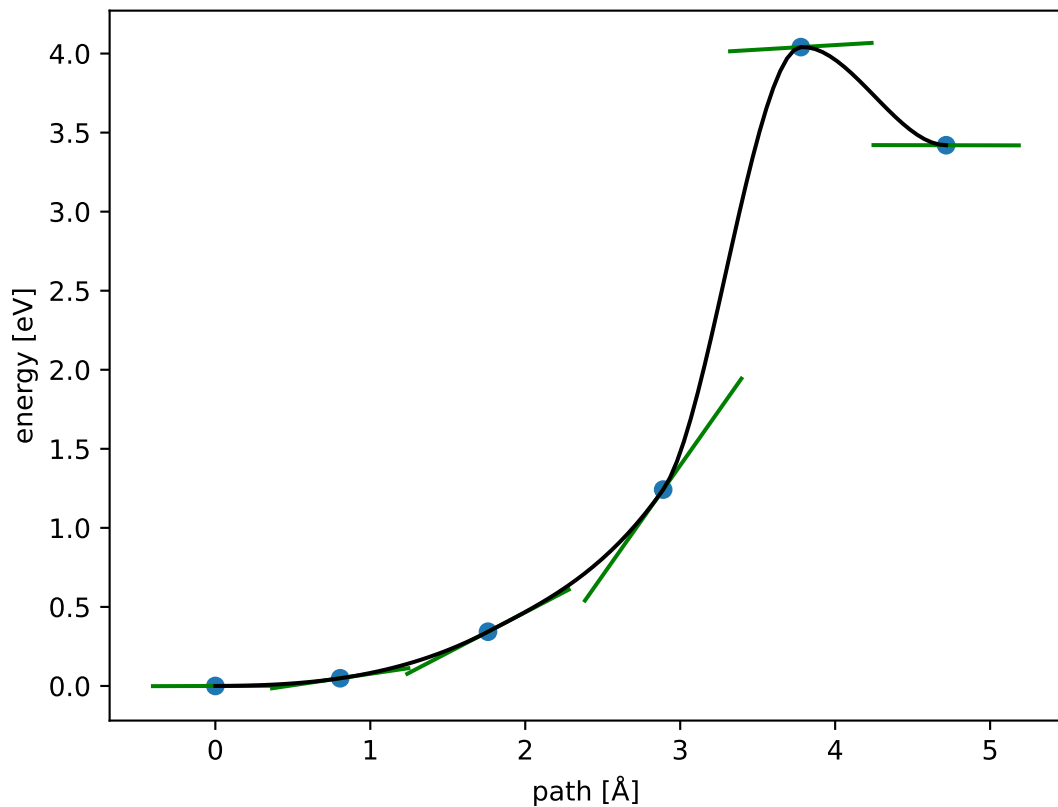
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



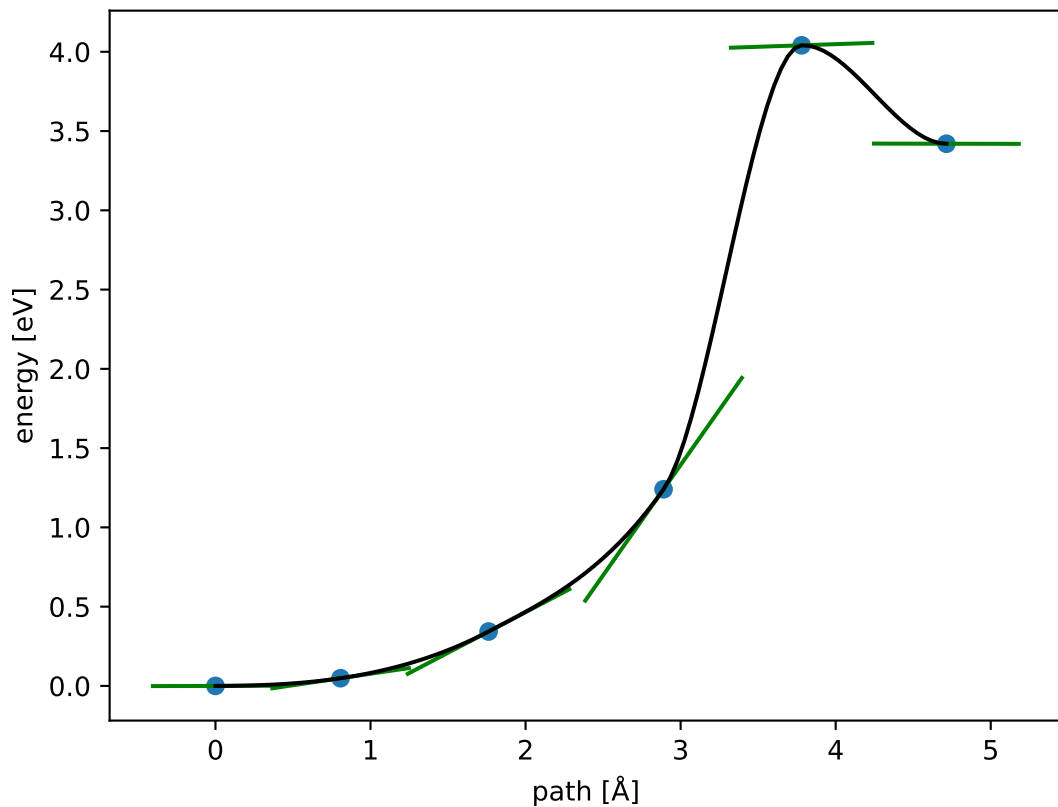
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



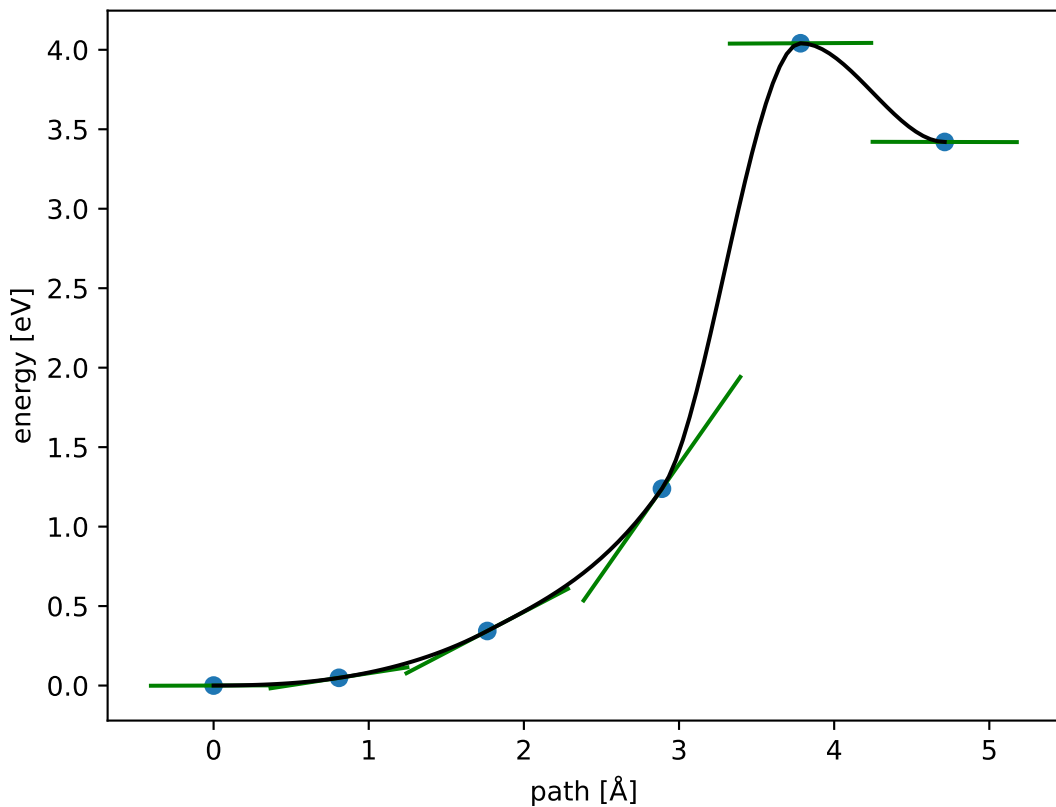
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



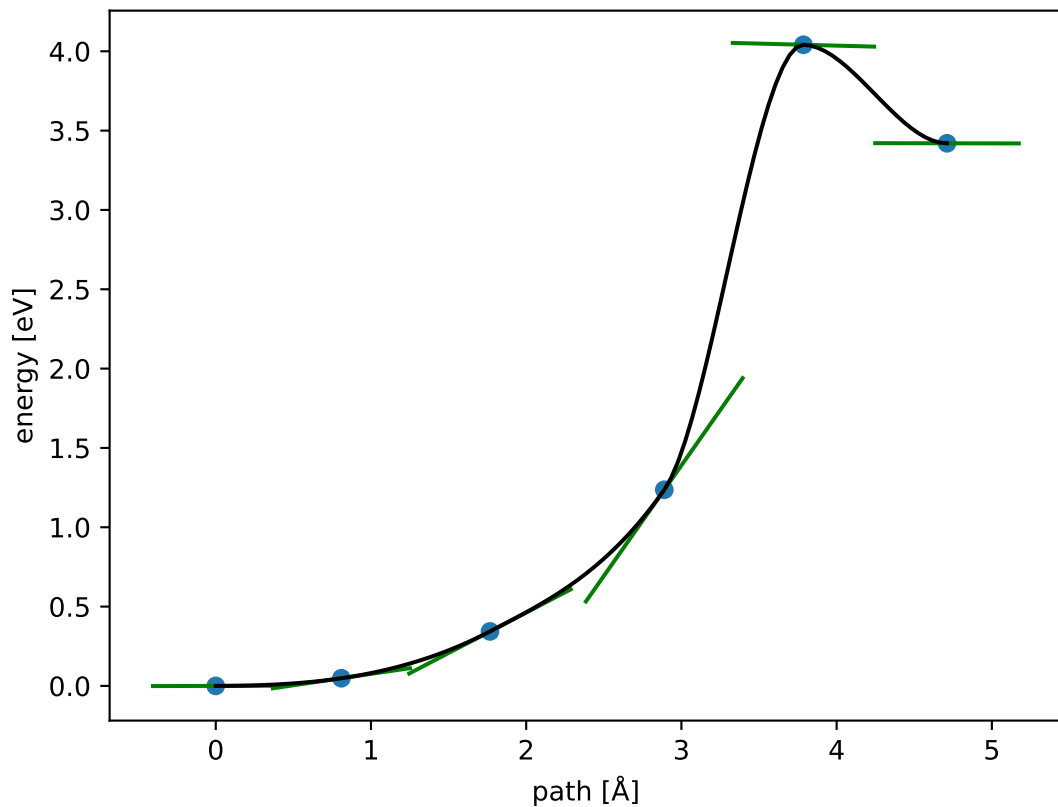
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



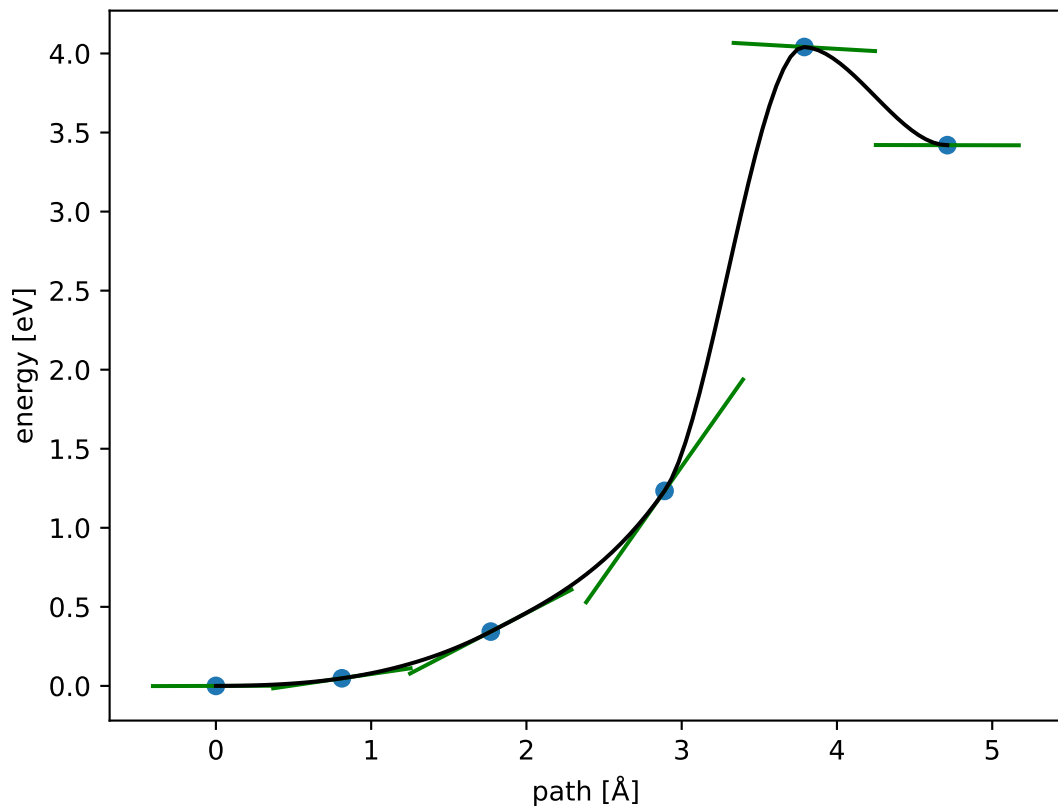
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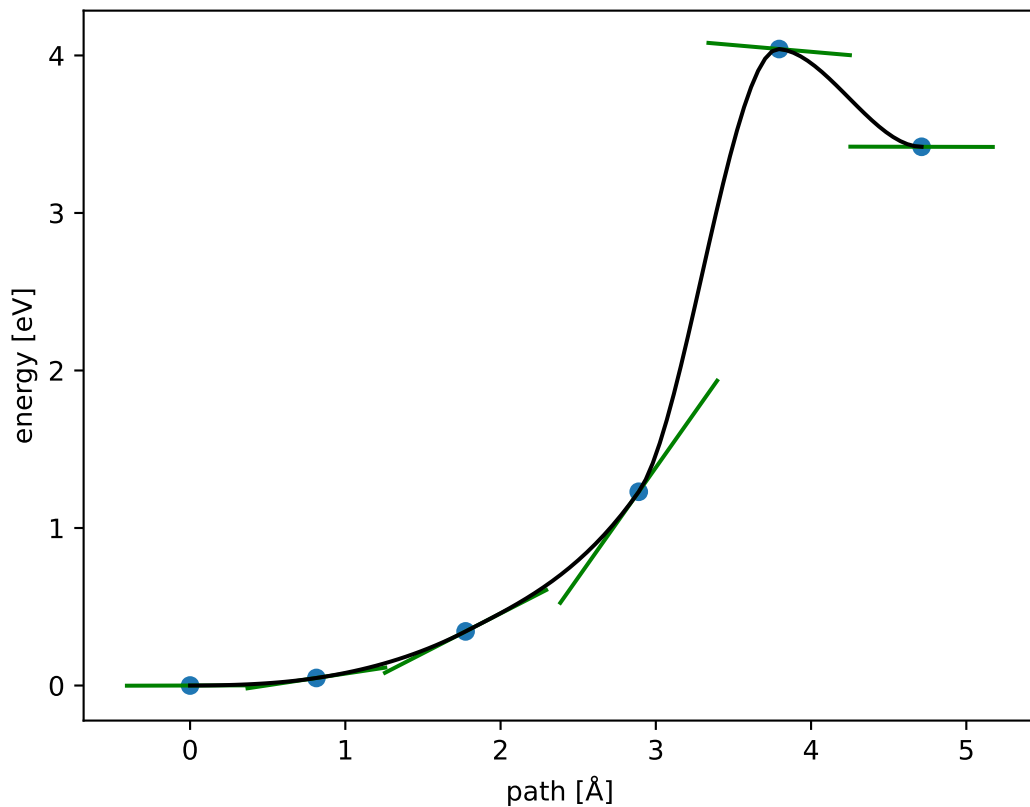
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



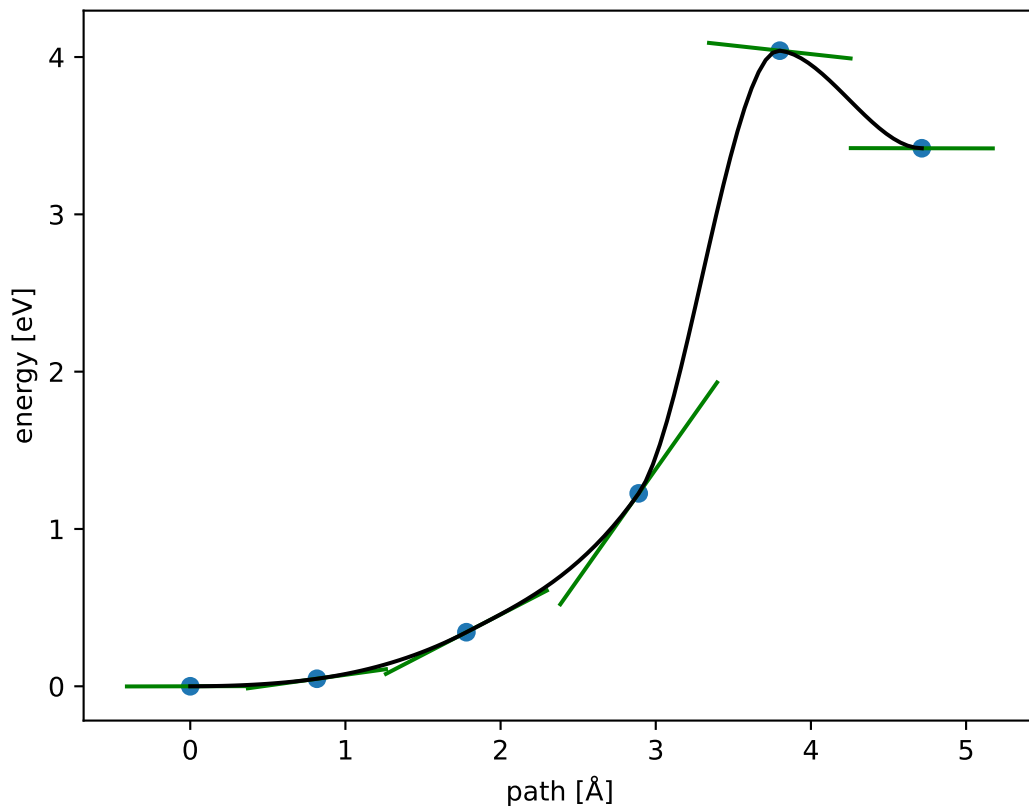
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



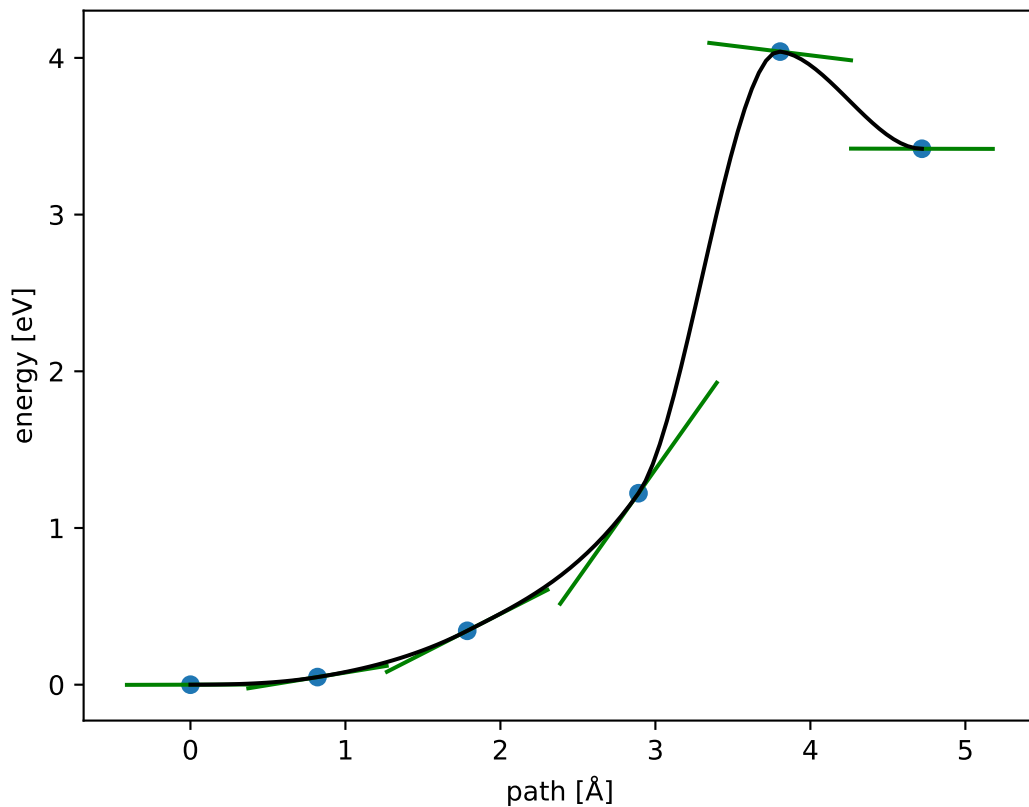
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



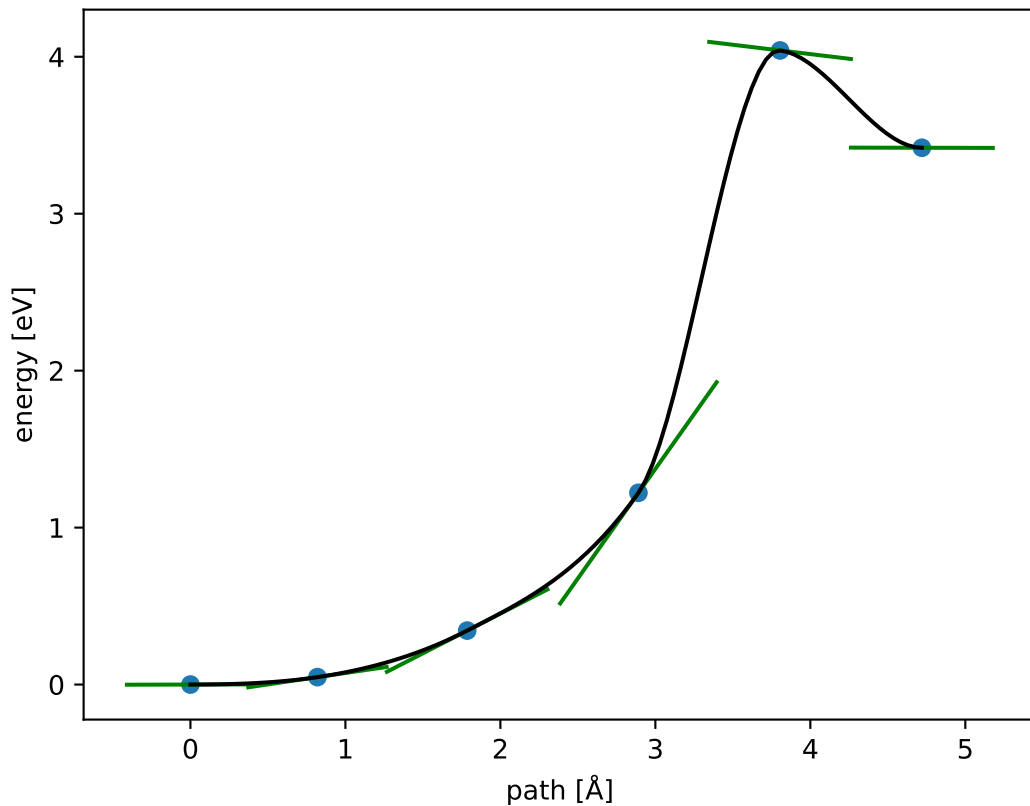
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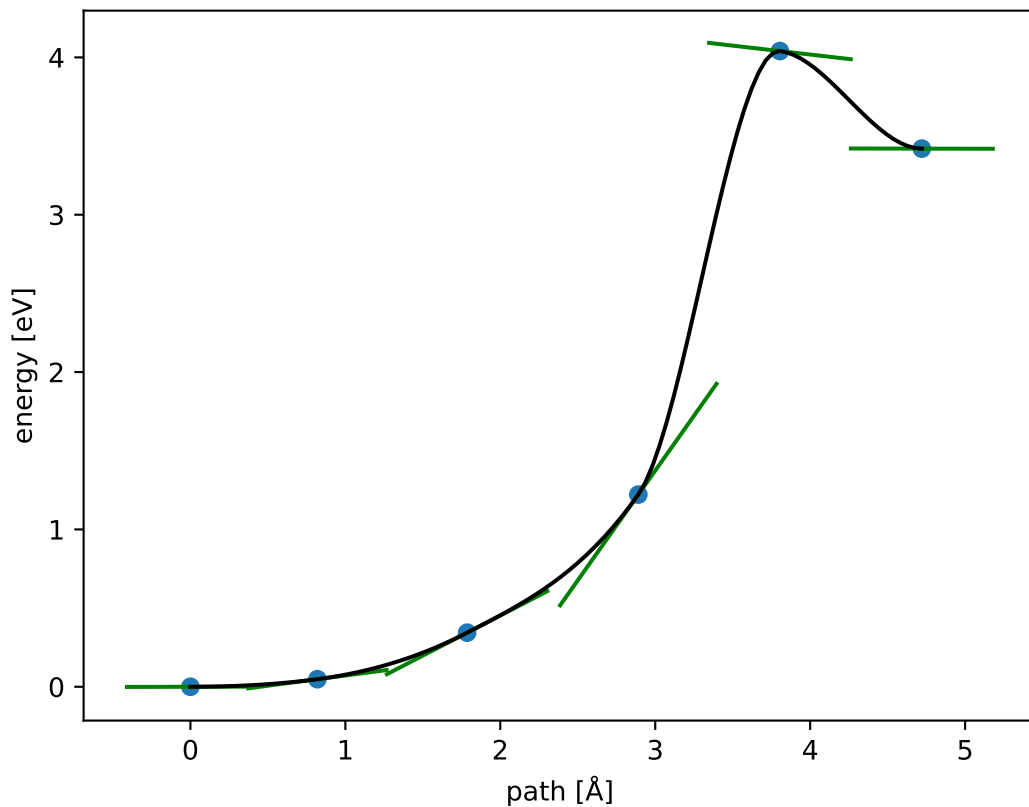
$$E_f \approx 4.040 \text{ eV}; E_r \approx 0.620 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



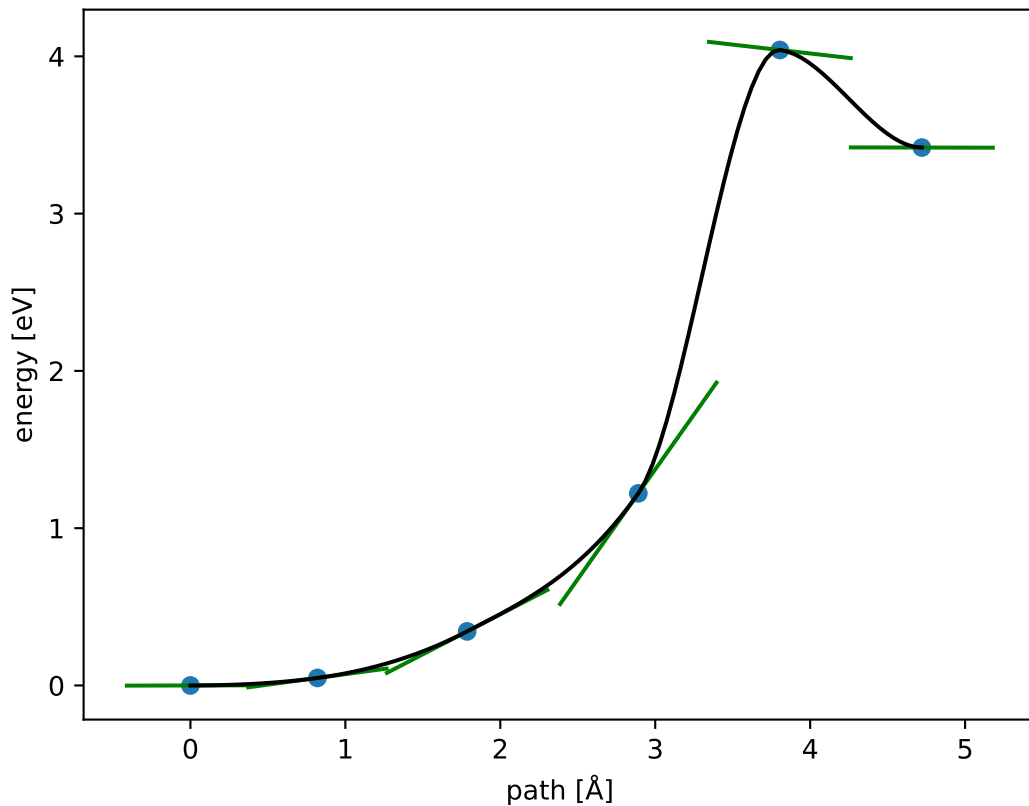
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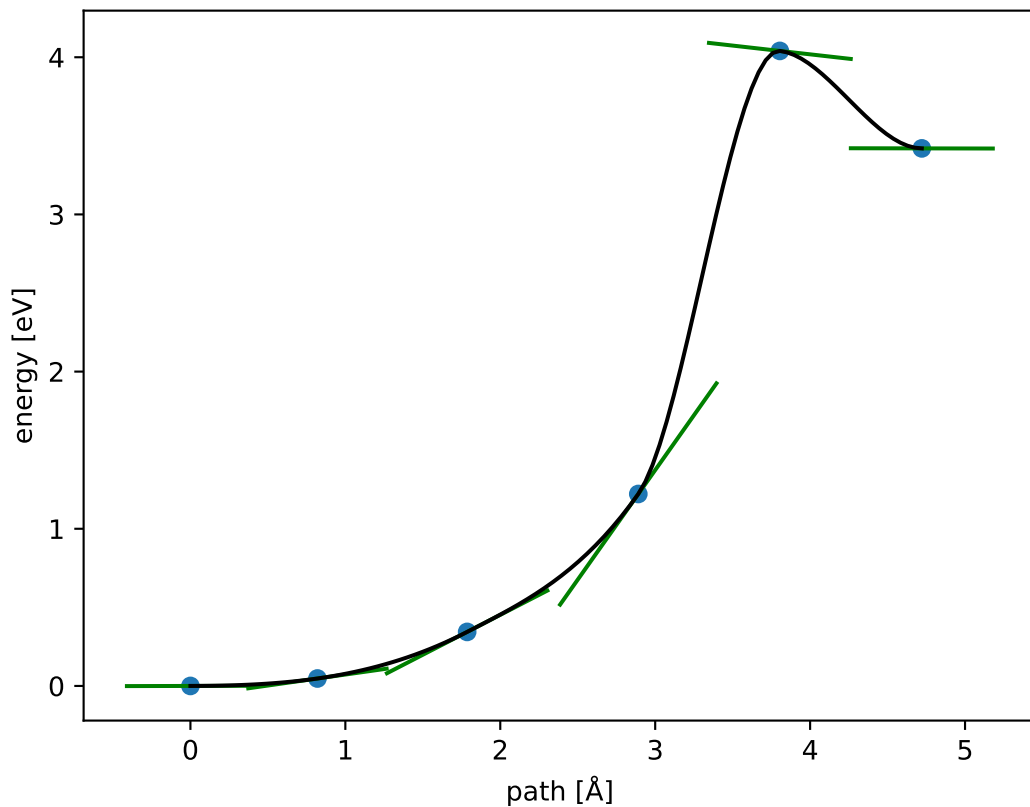
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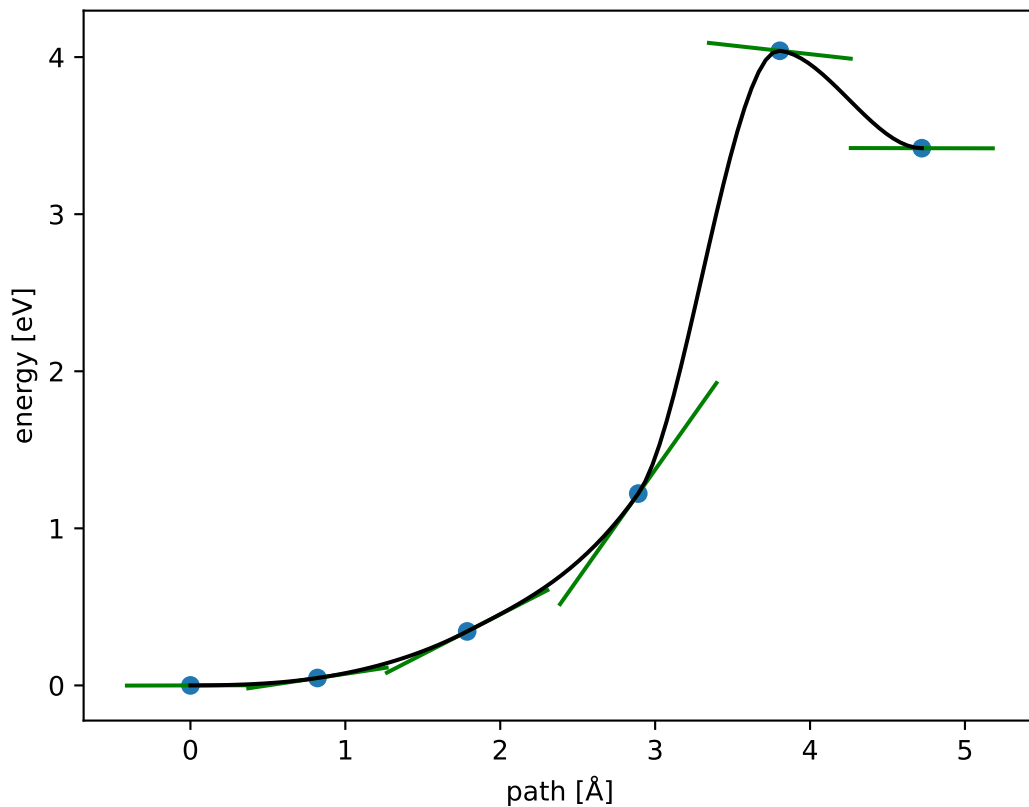
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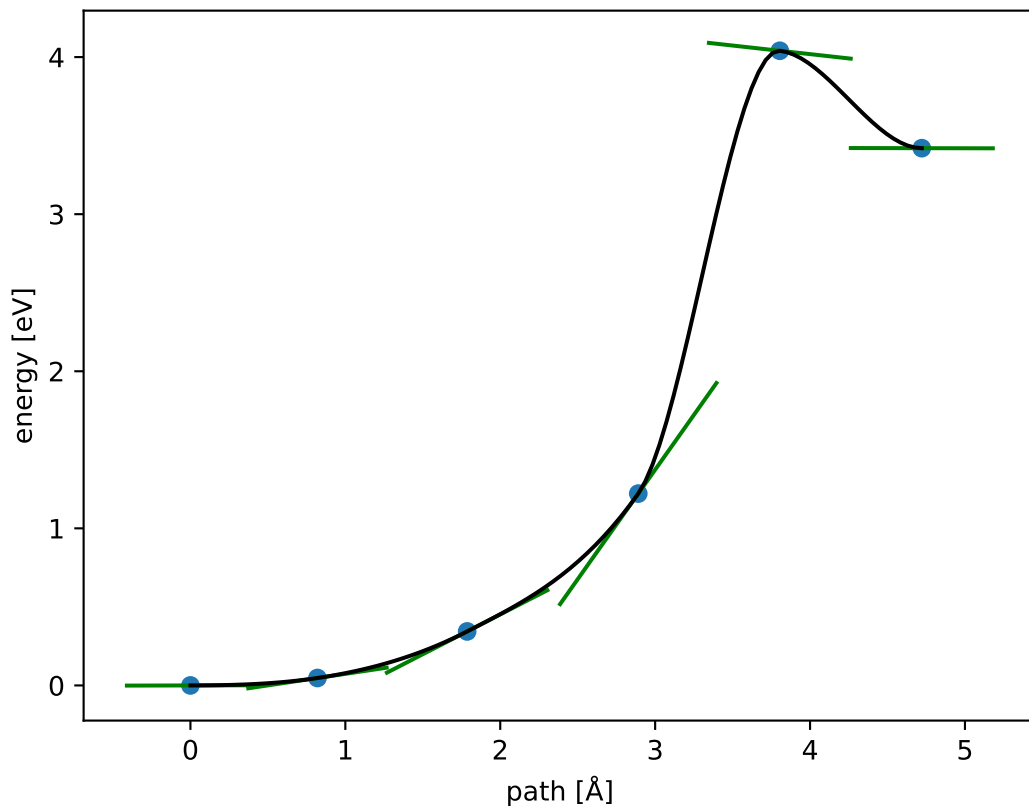
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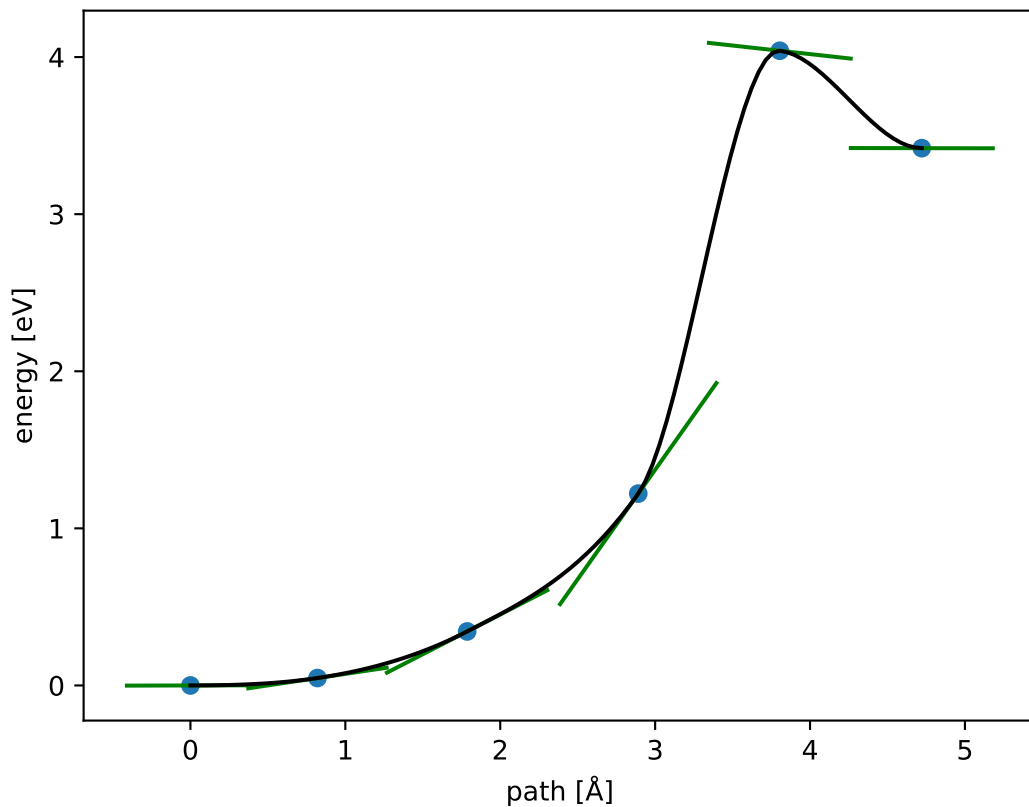
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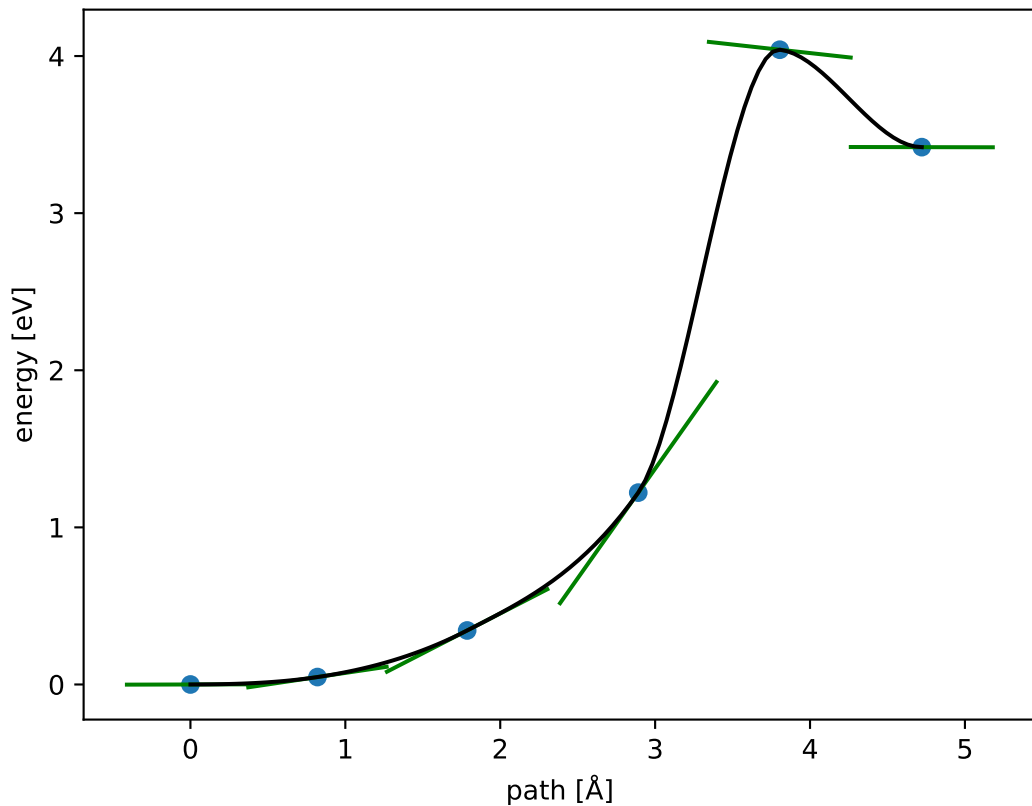
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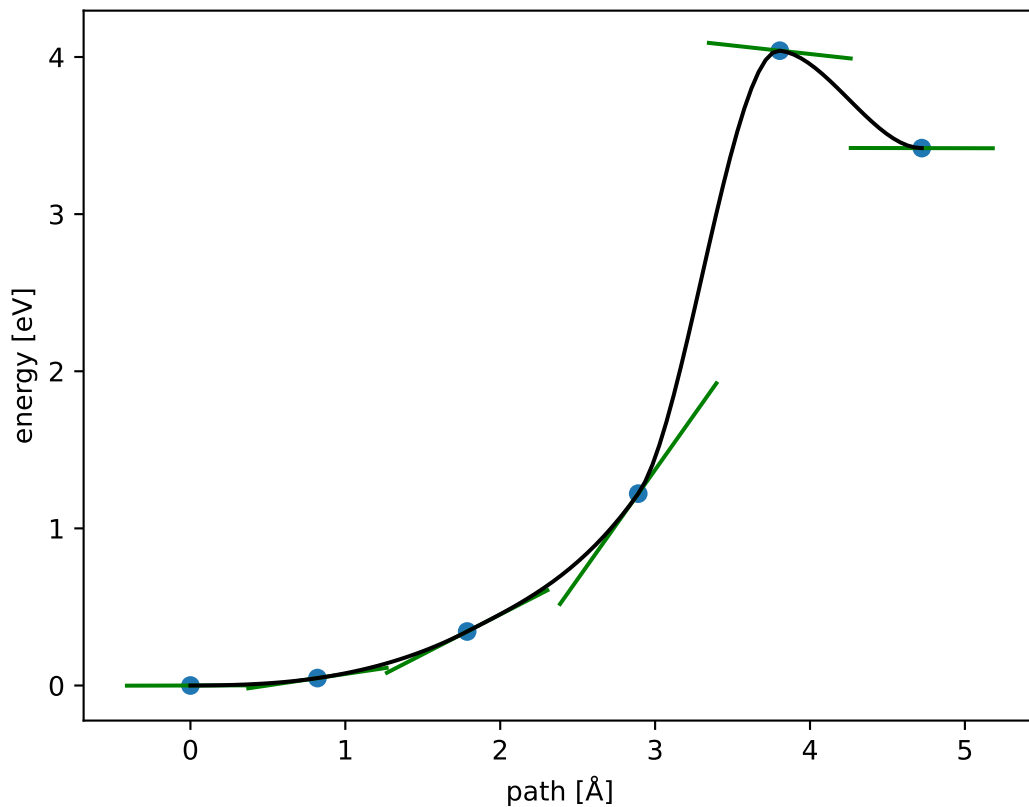
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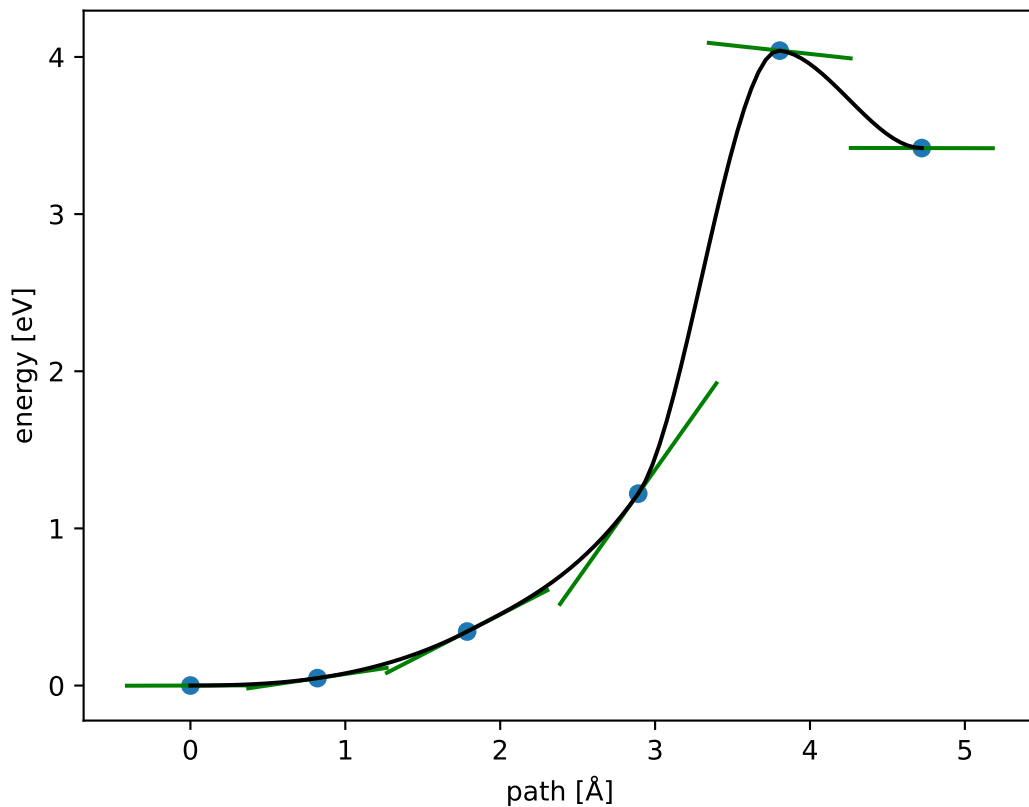
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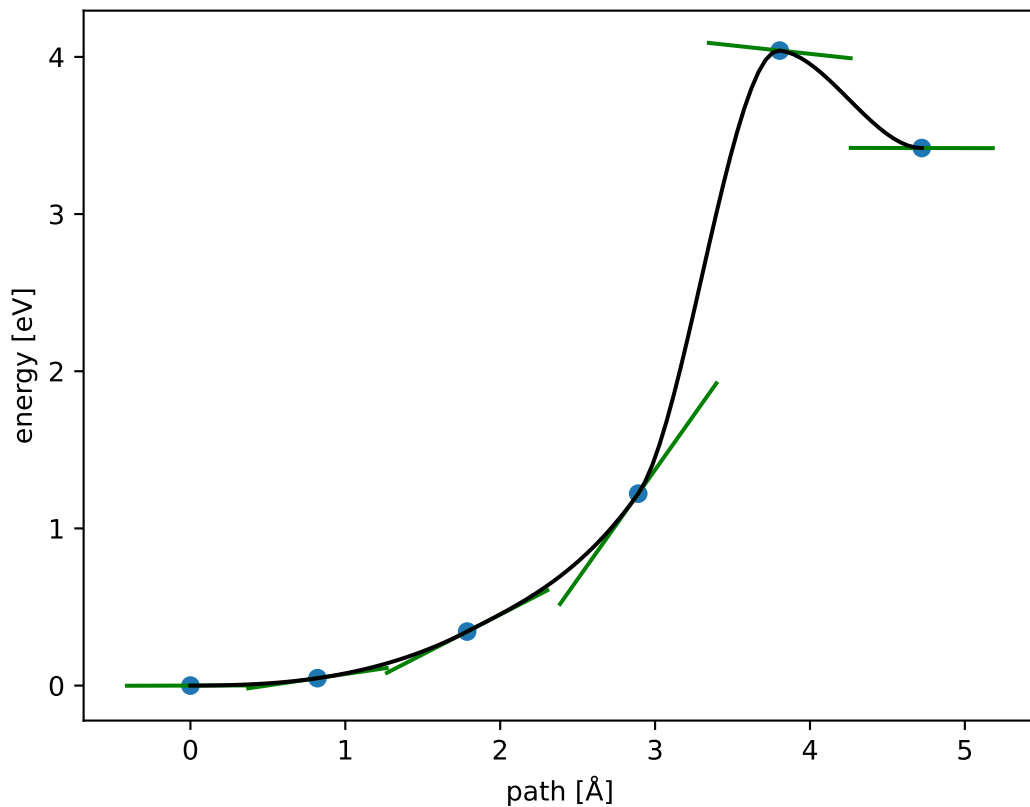
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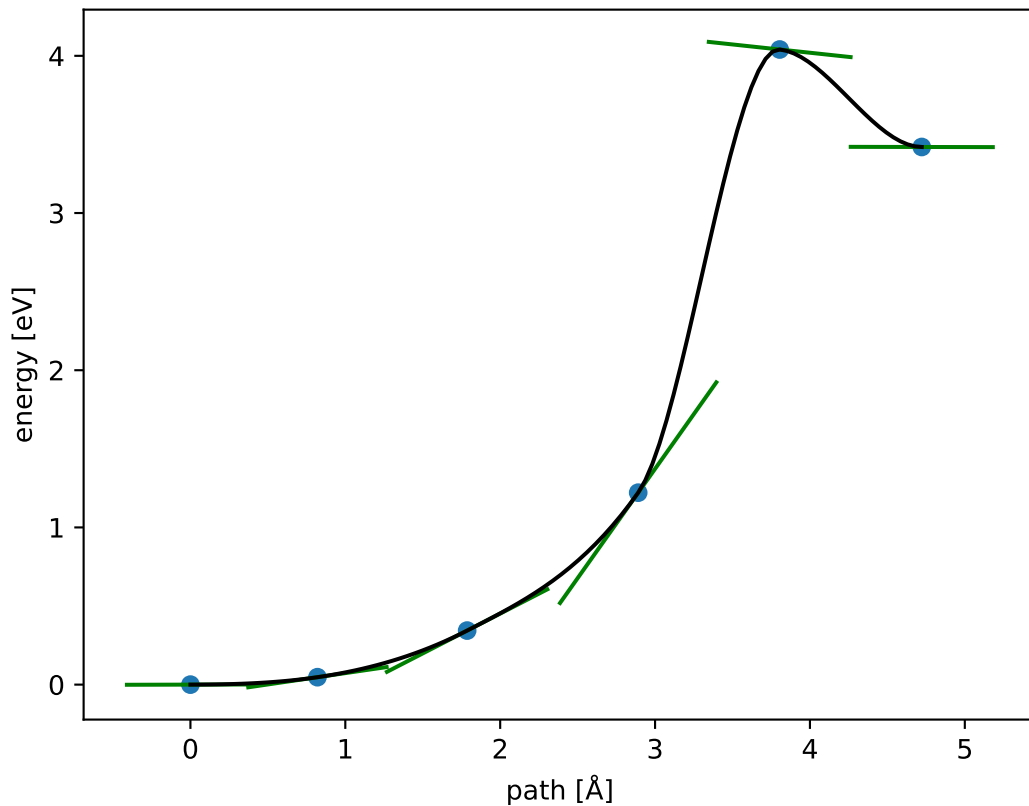
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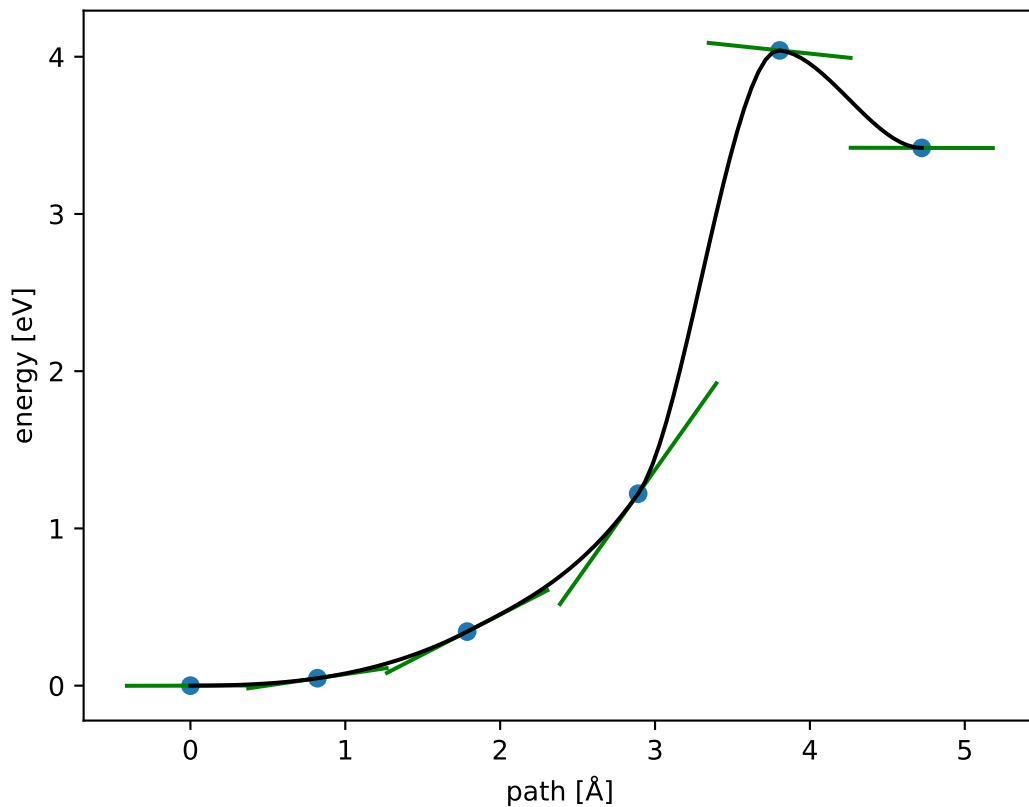
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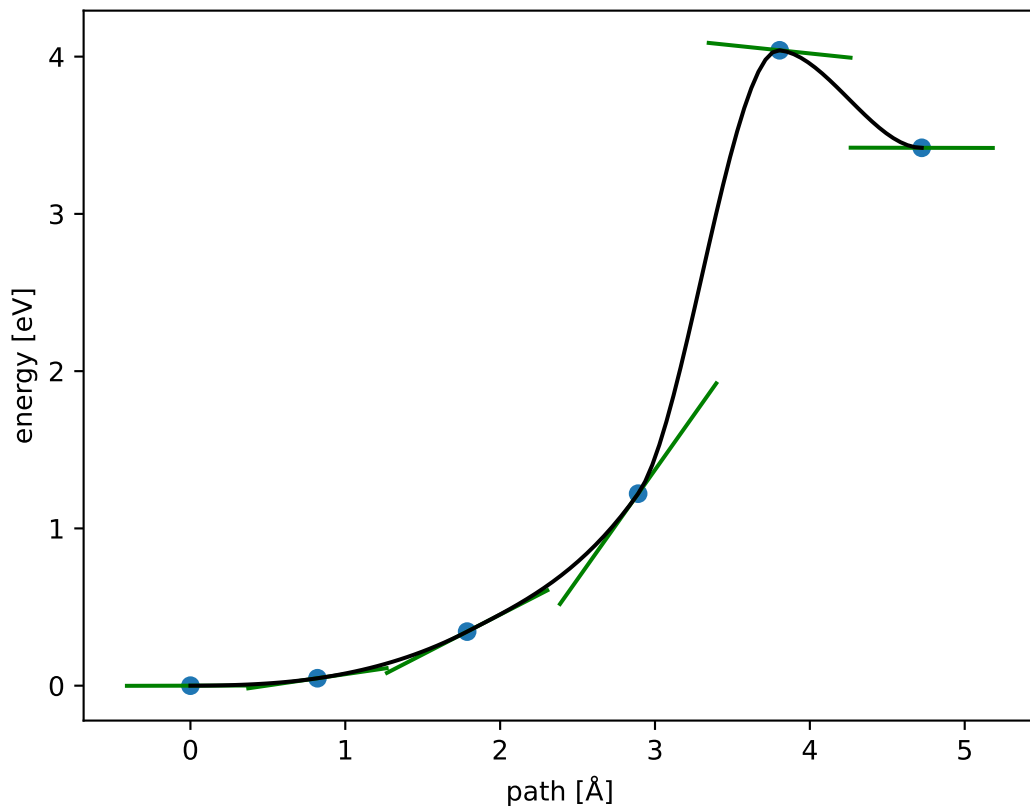
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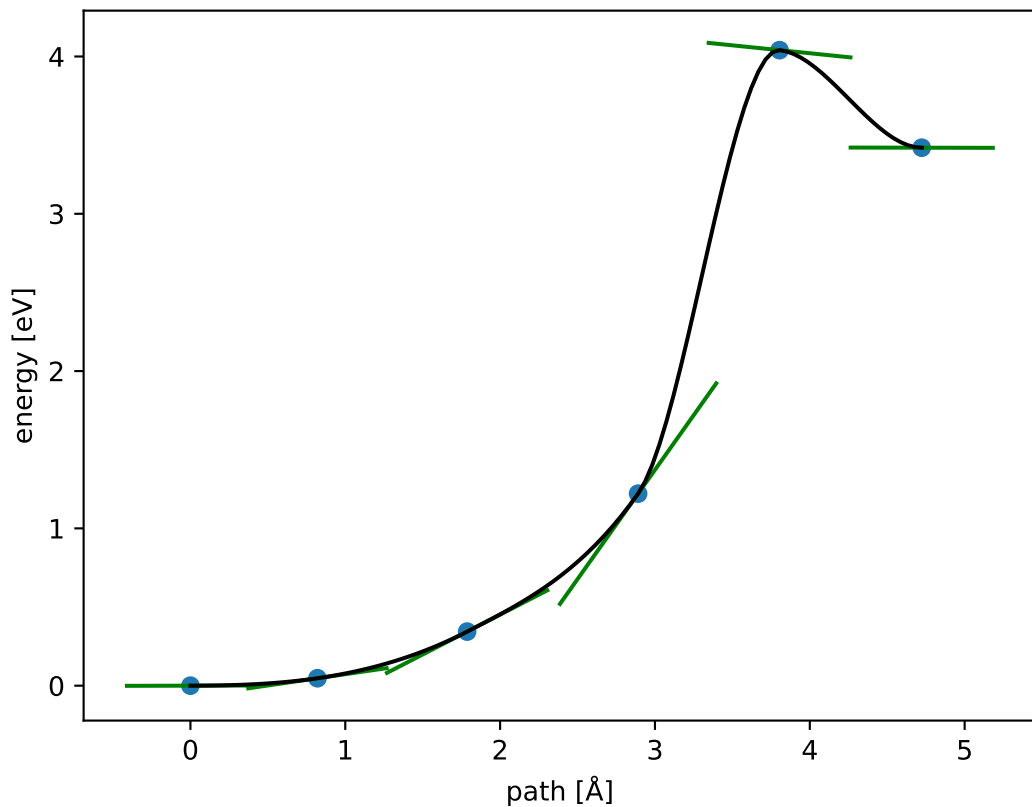
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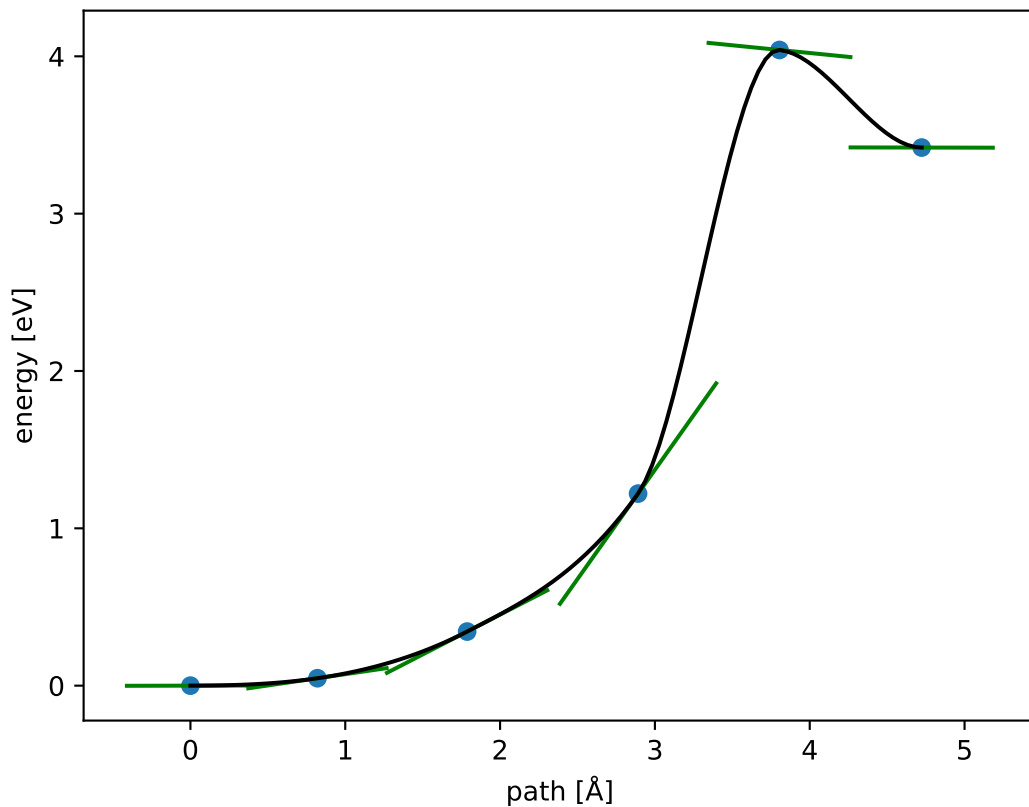
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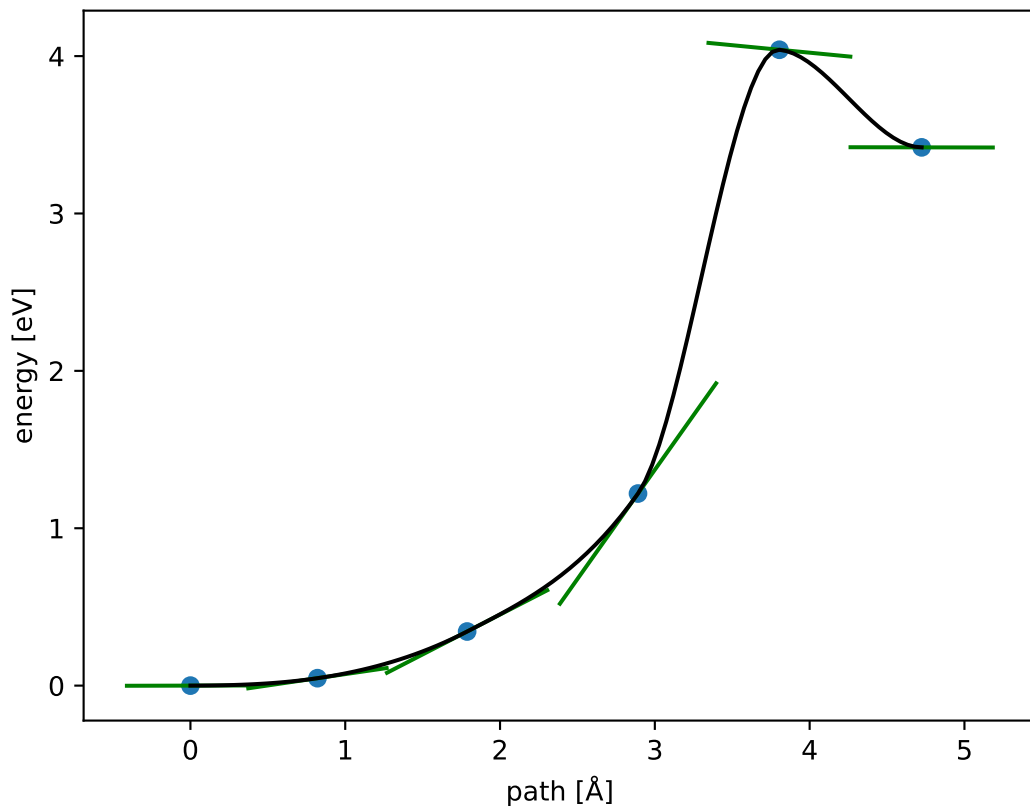
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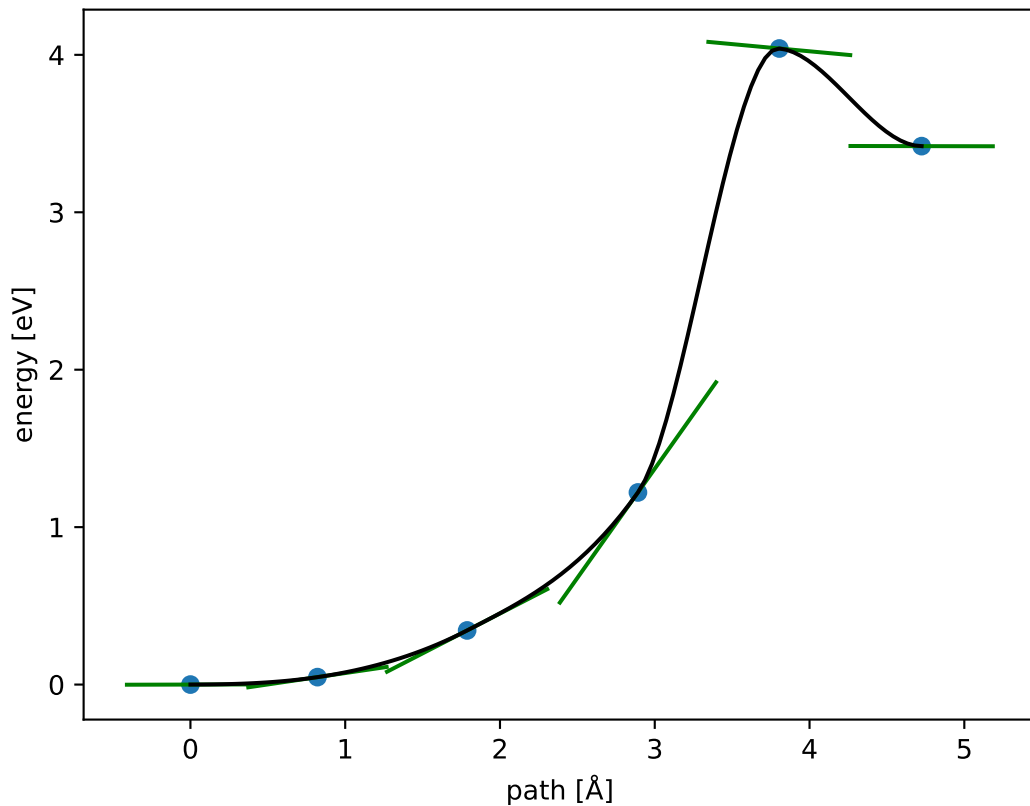
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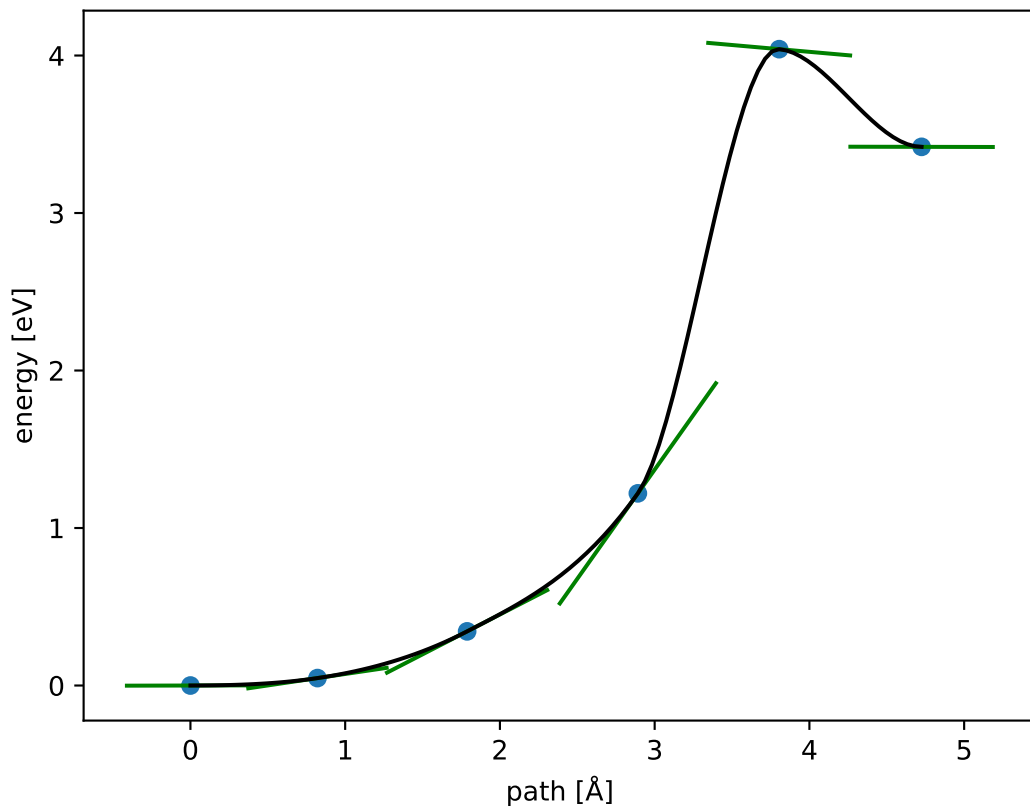
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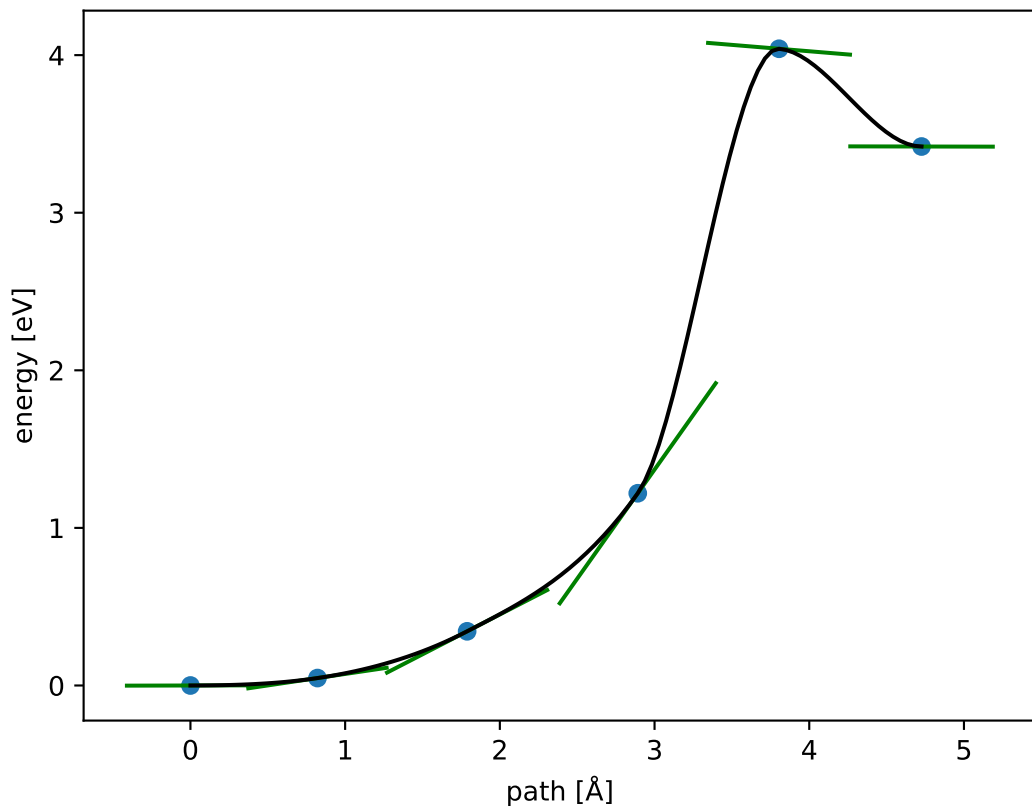
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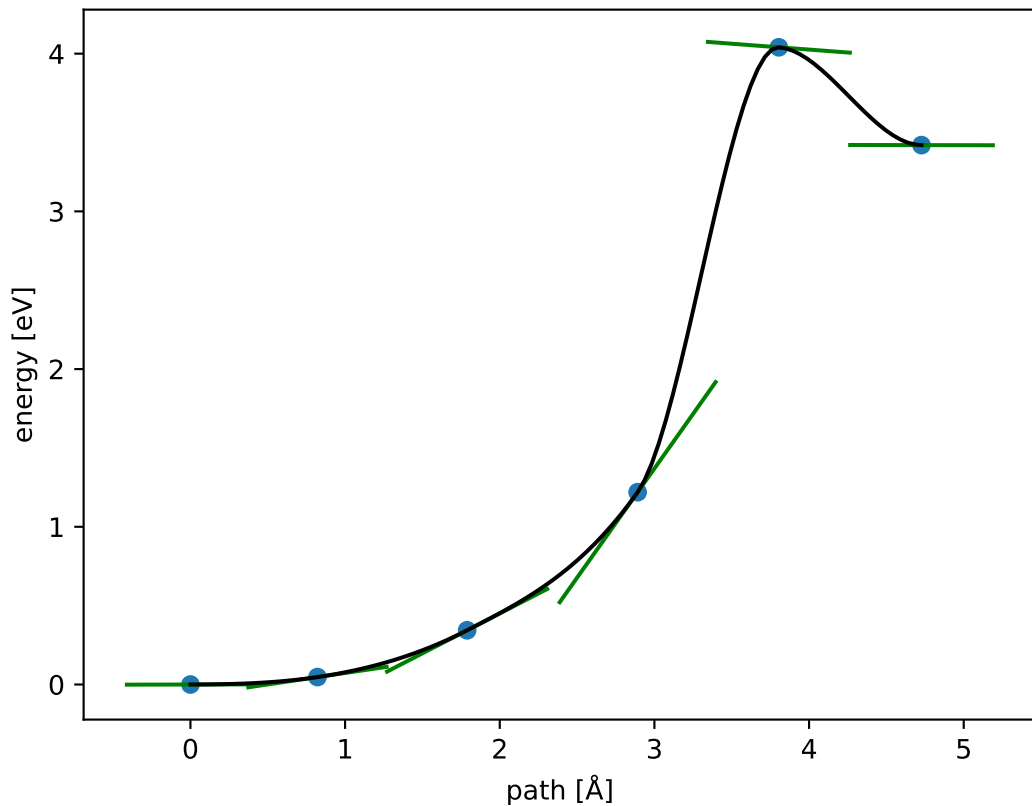
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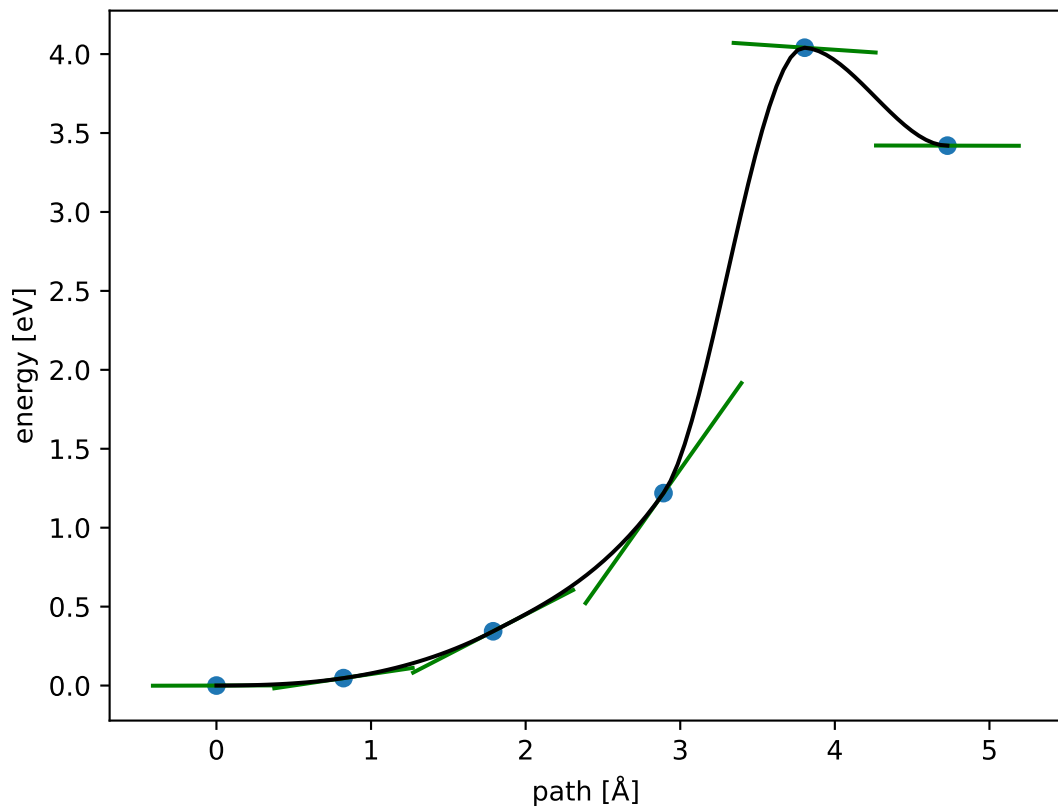
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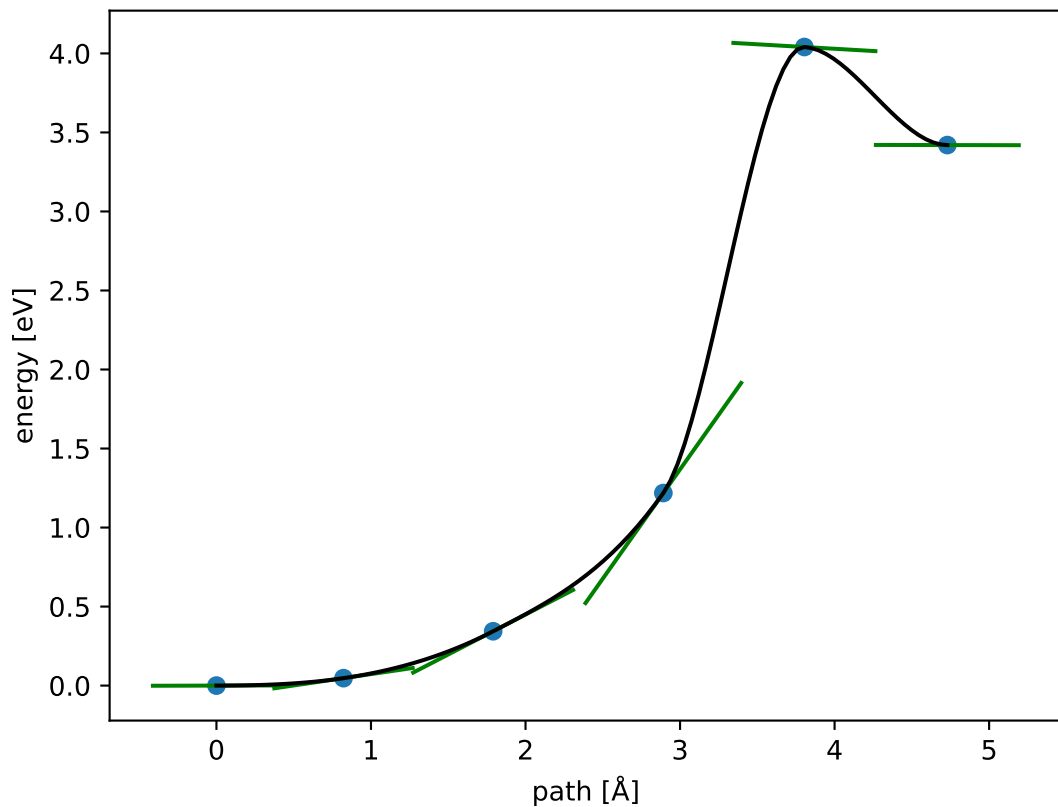
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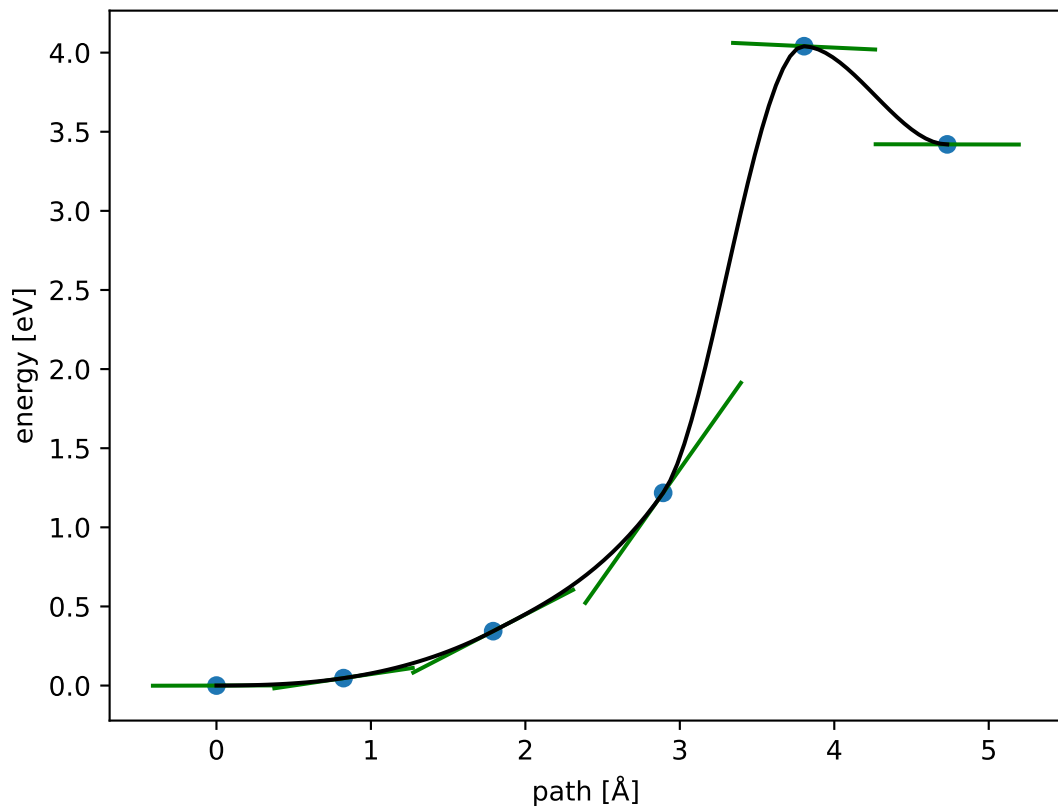
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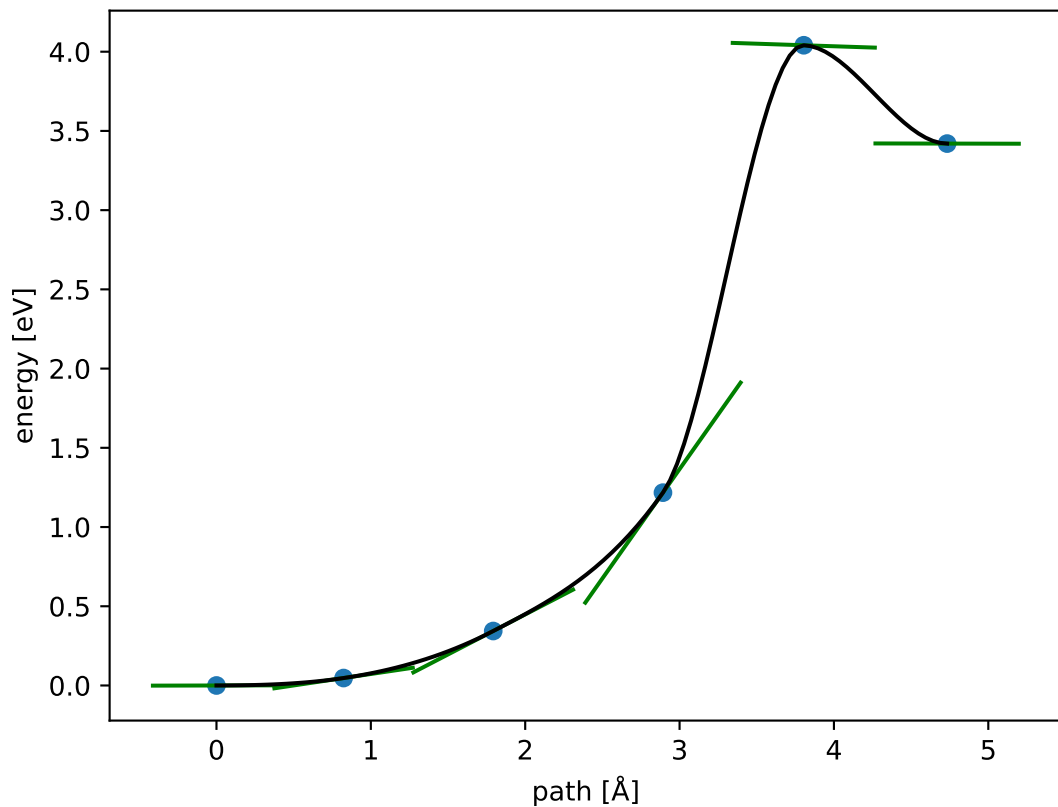
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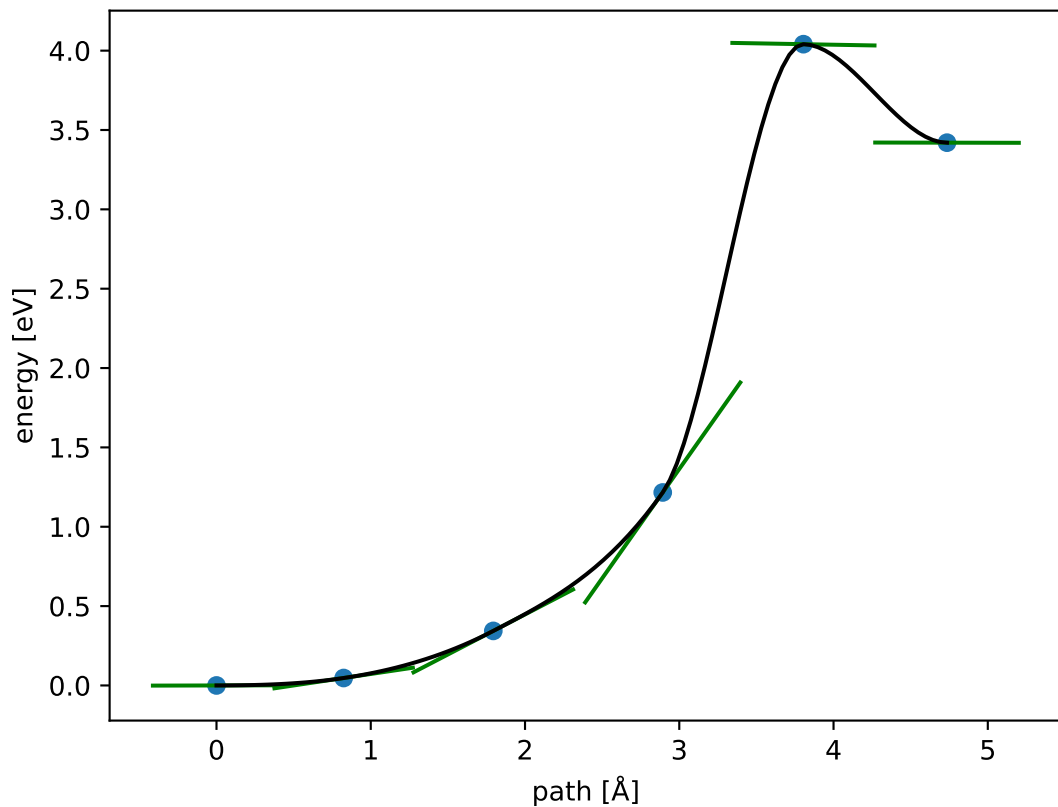
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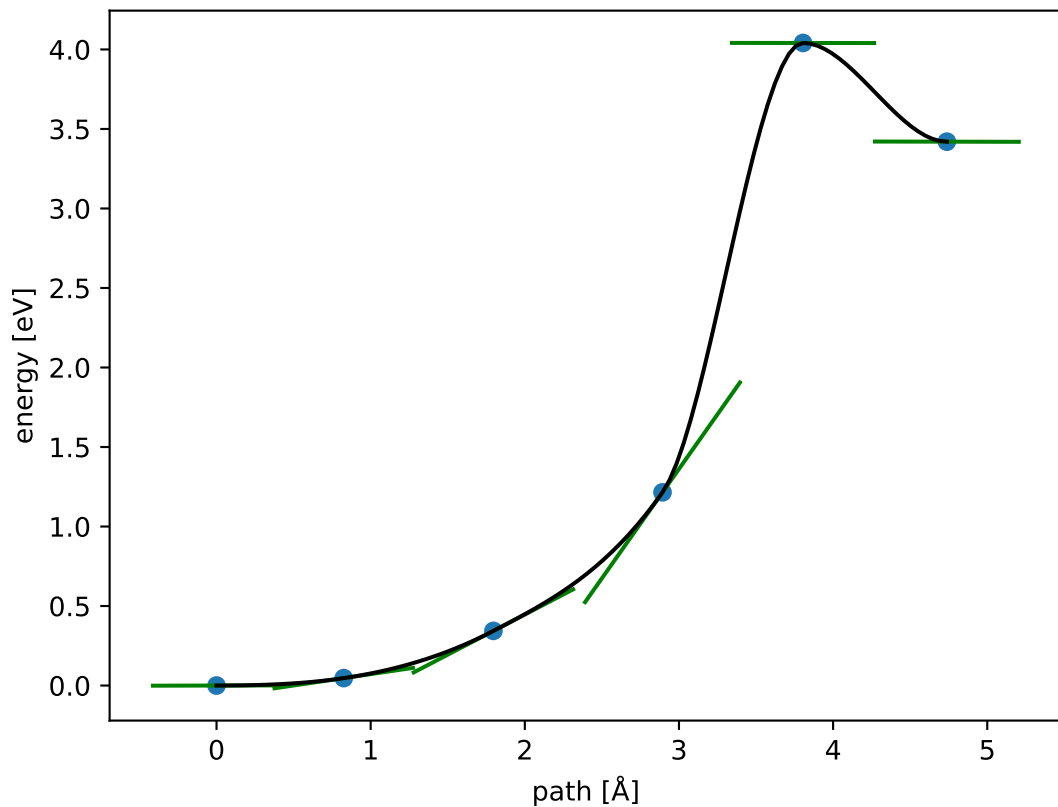
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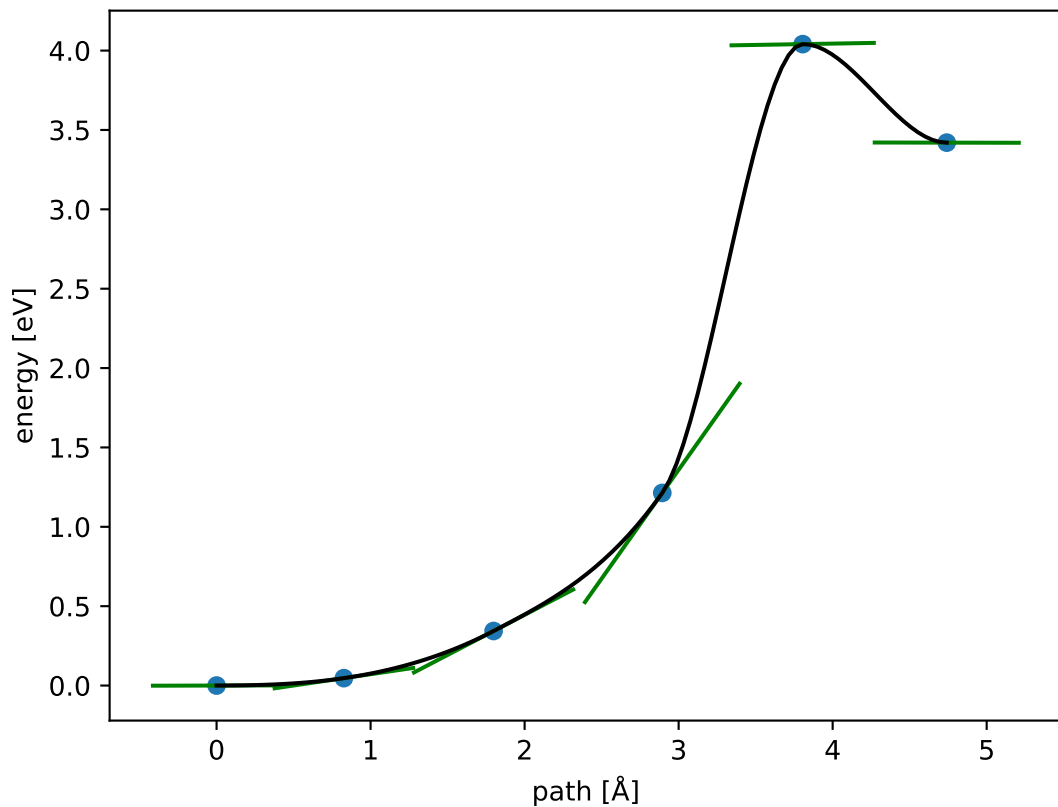
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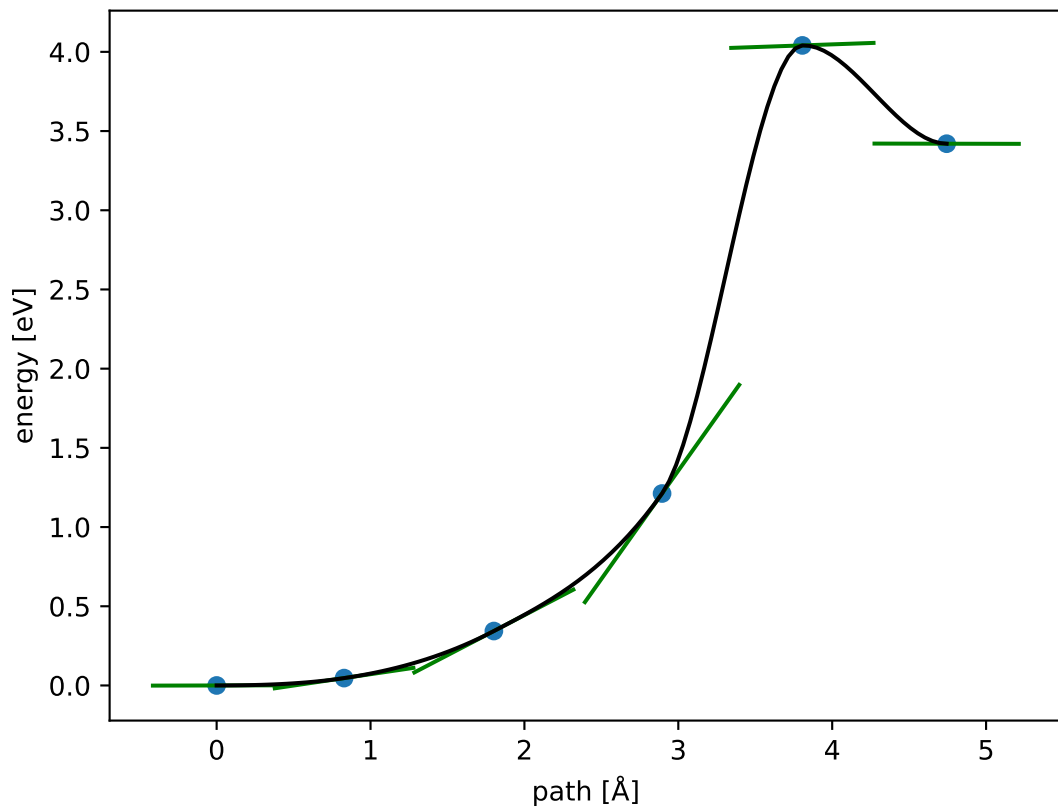
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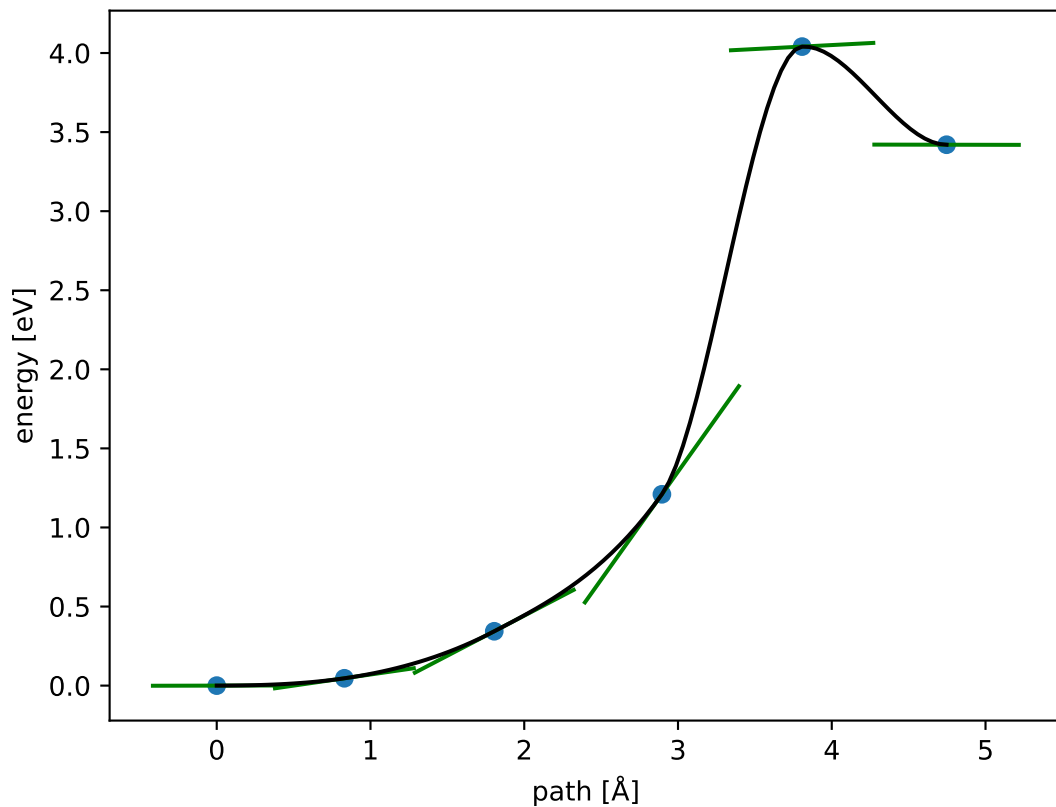
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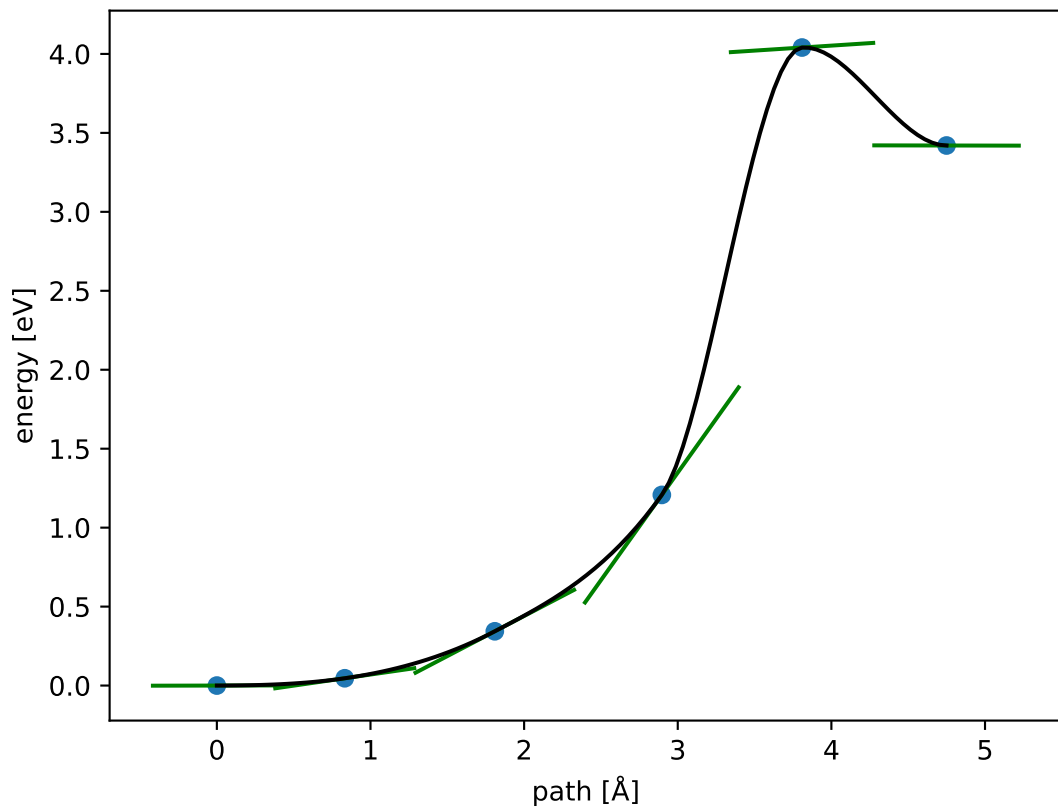
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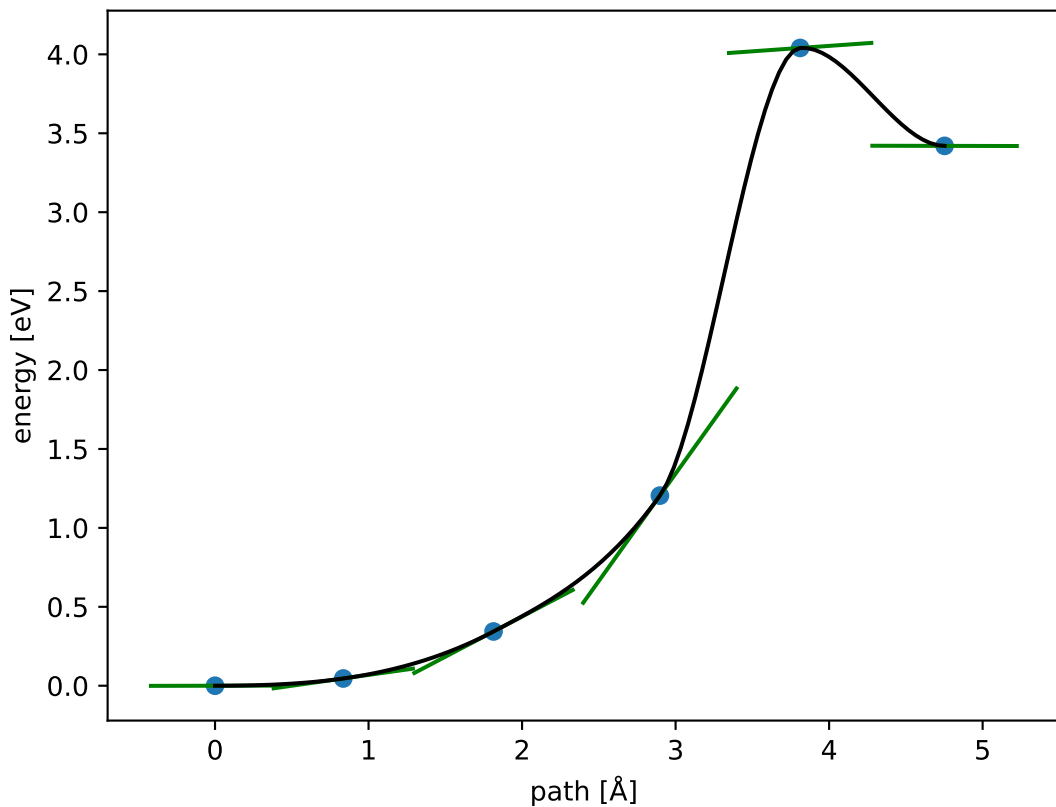
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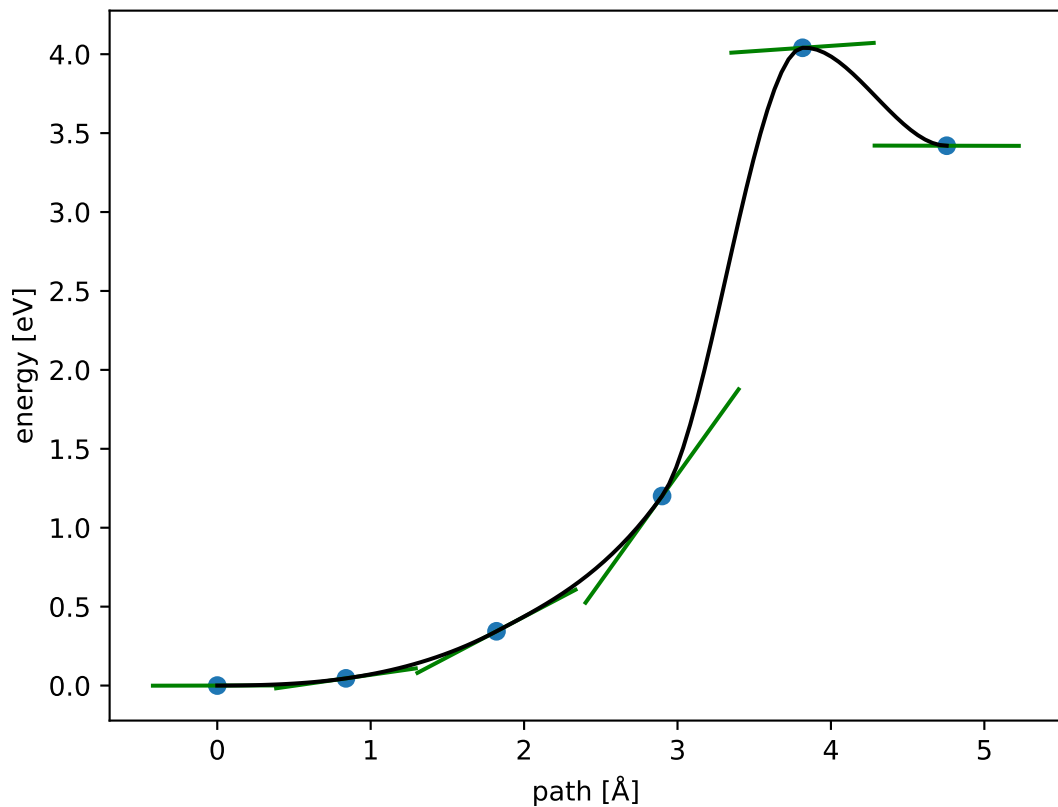
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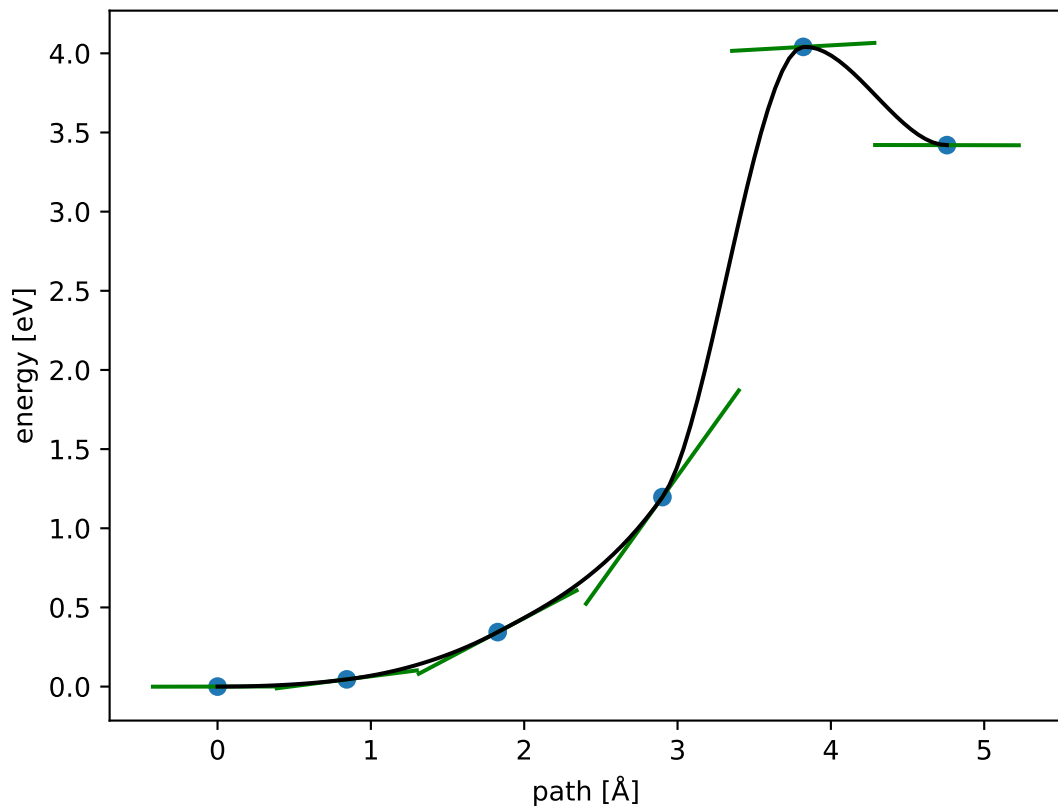
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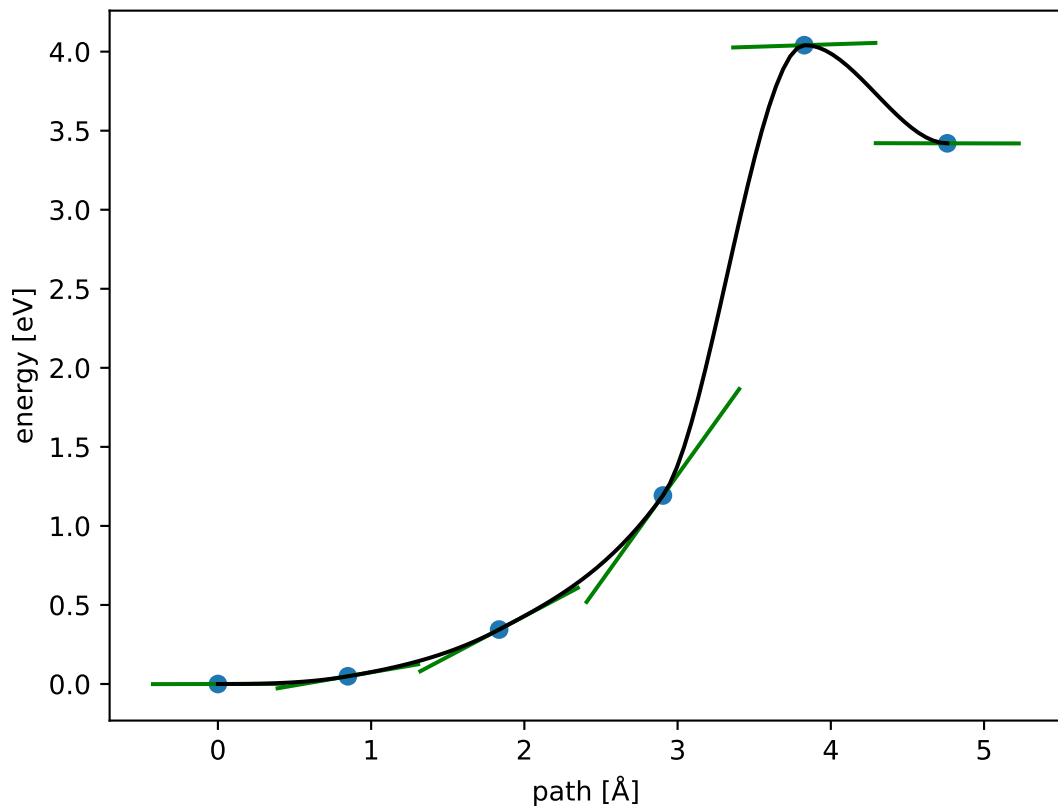
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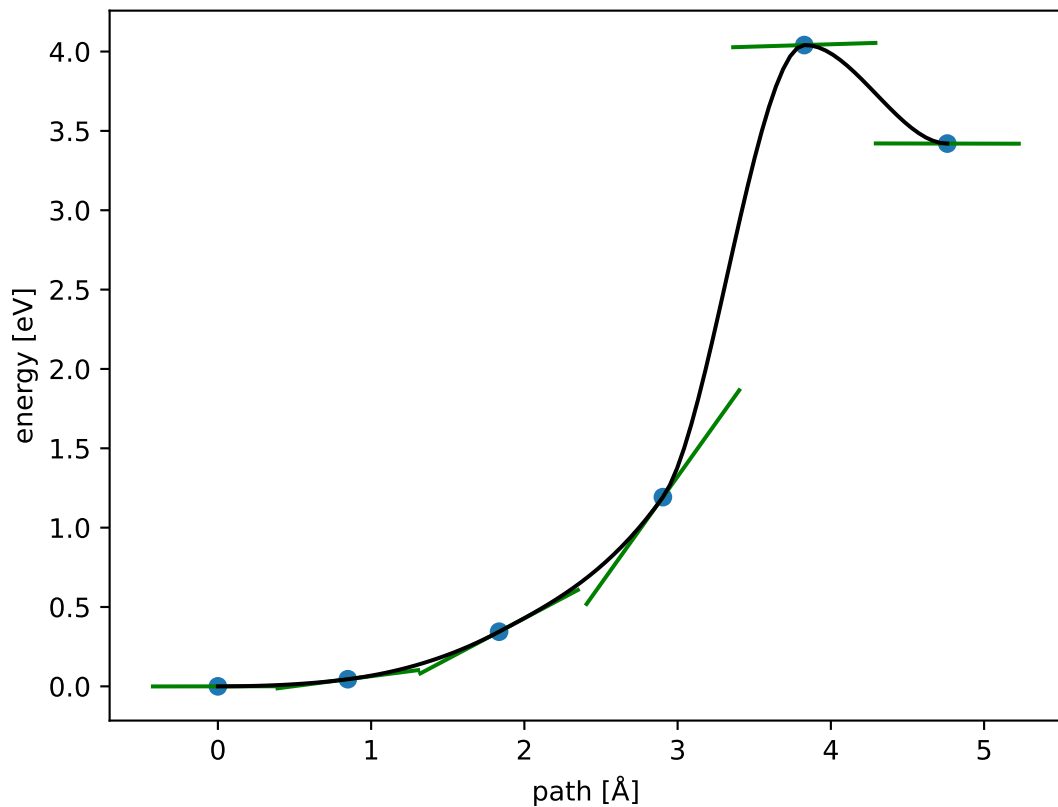
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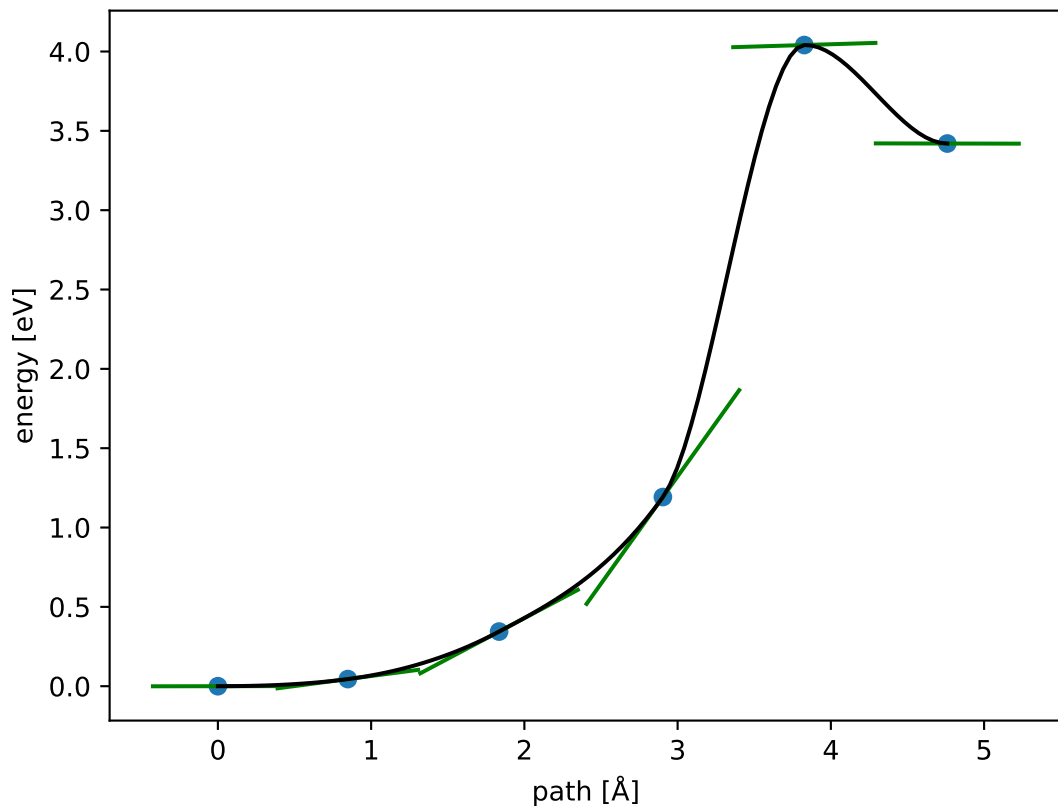
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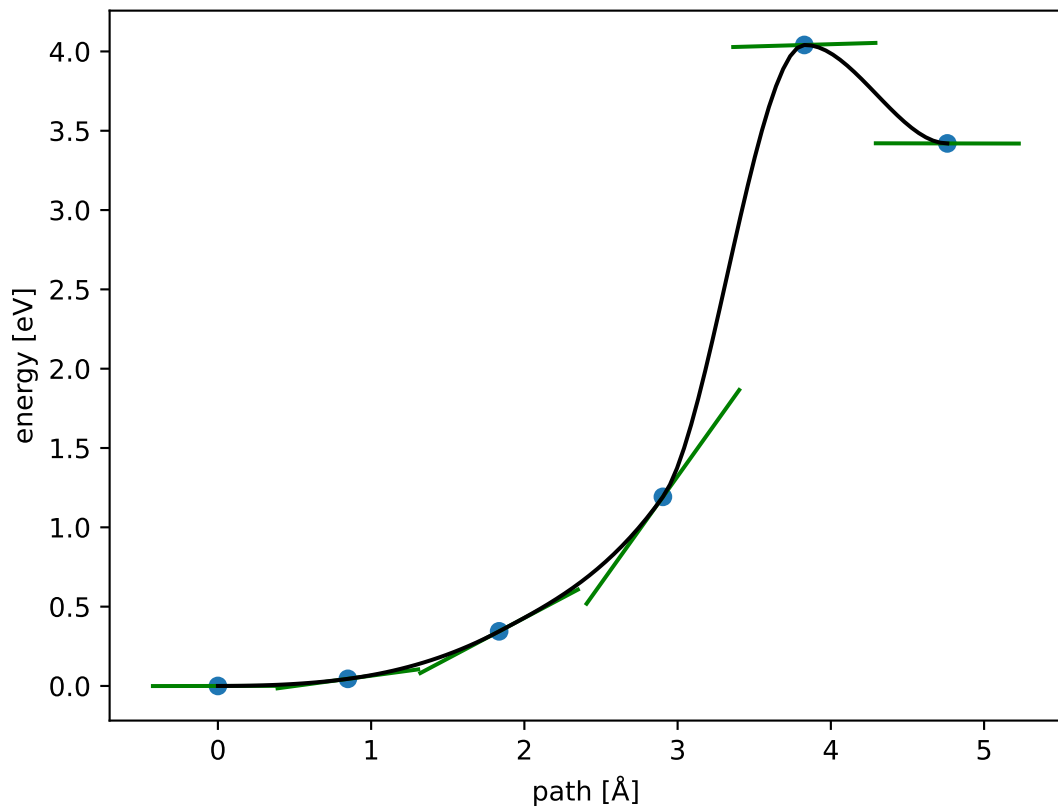
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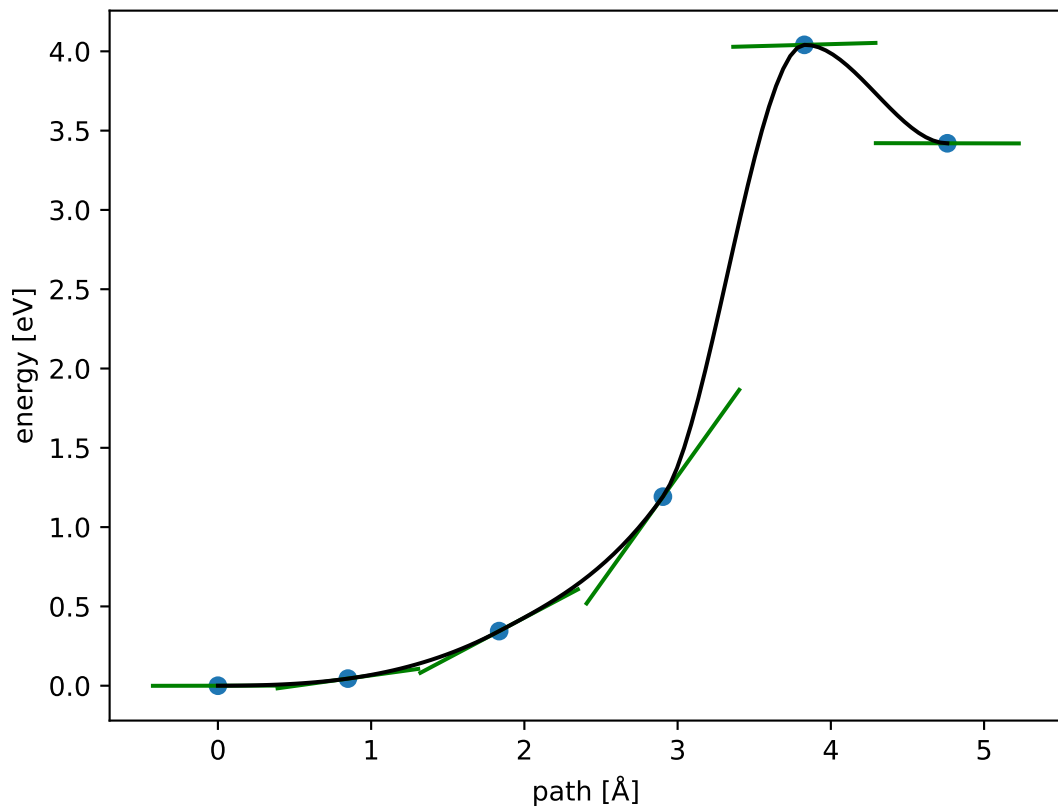
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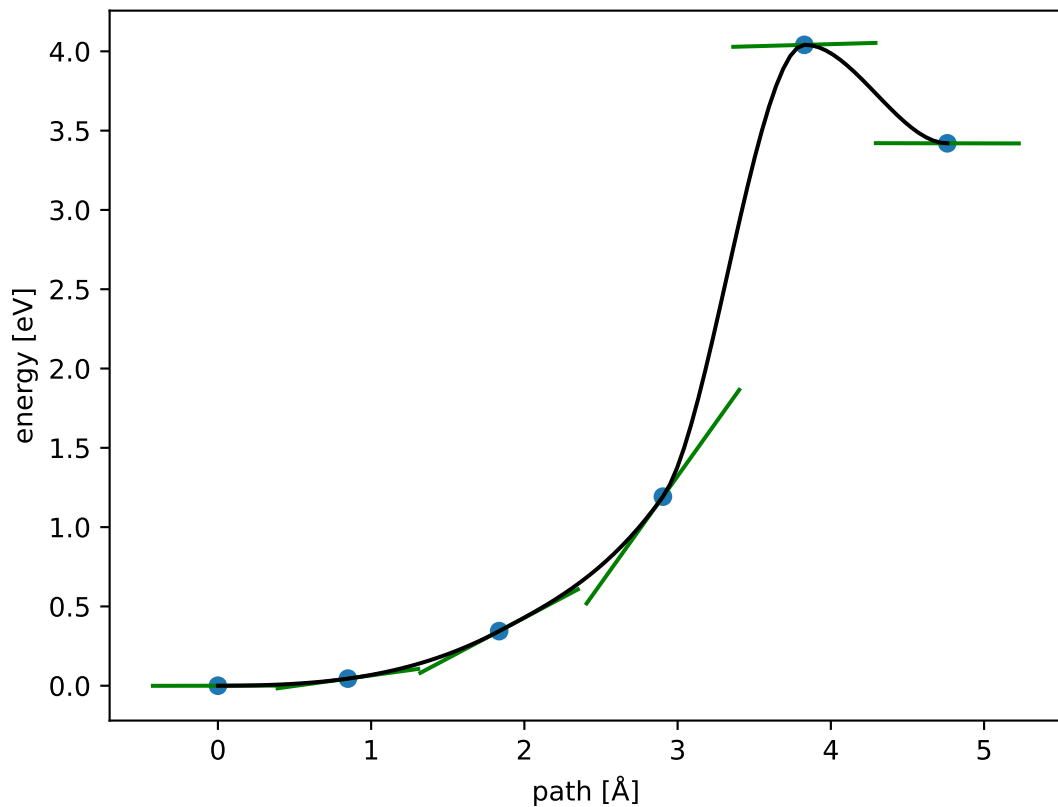
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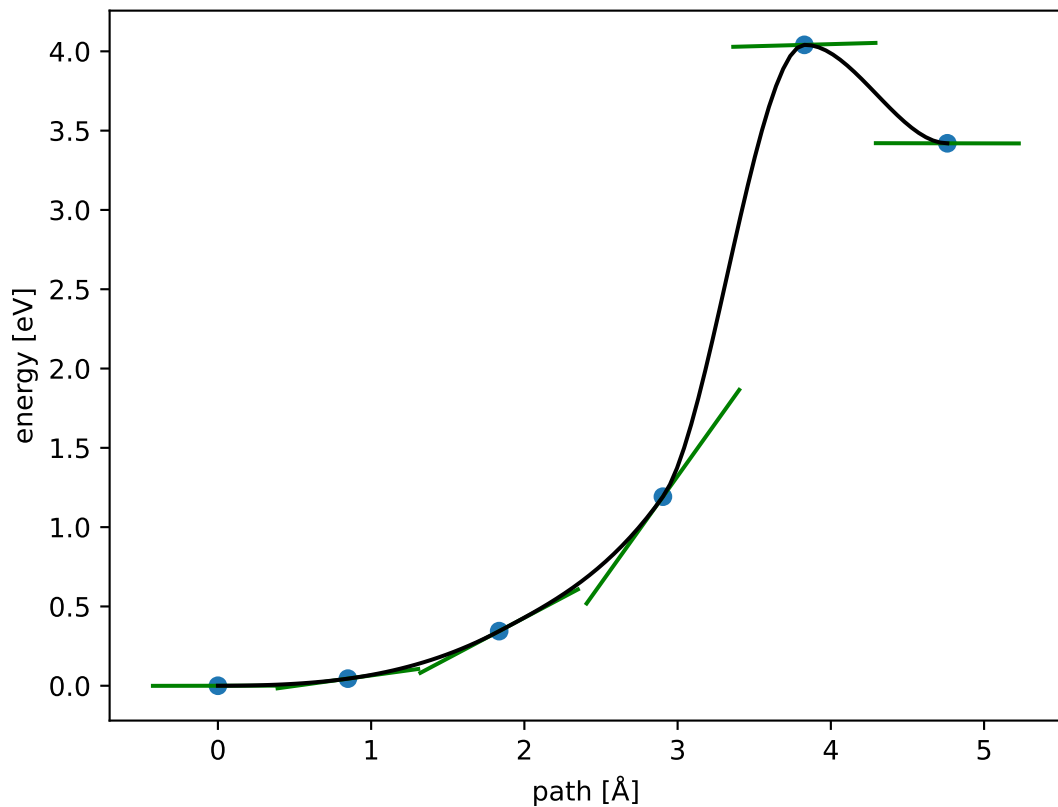
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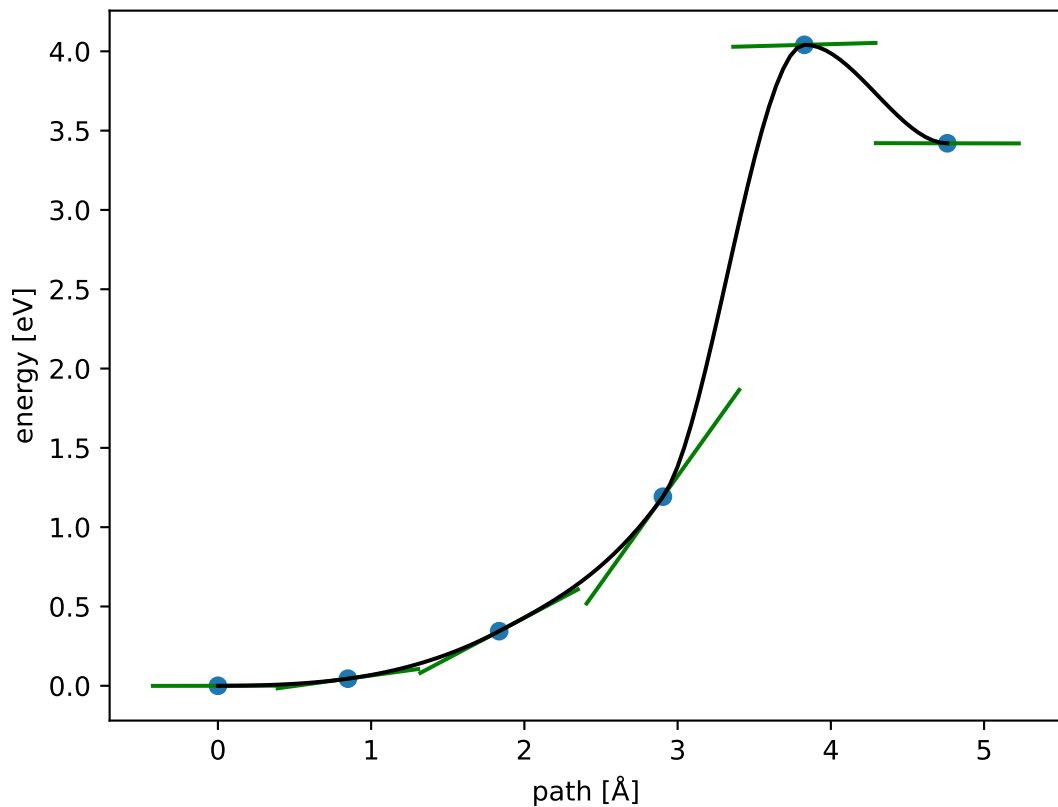
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



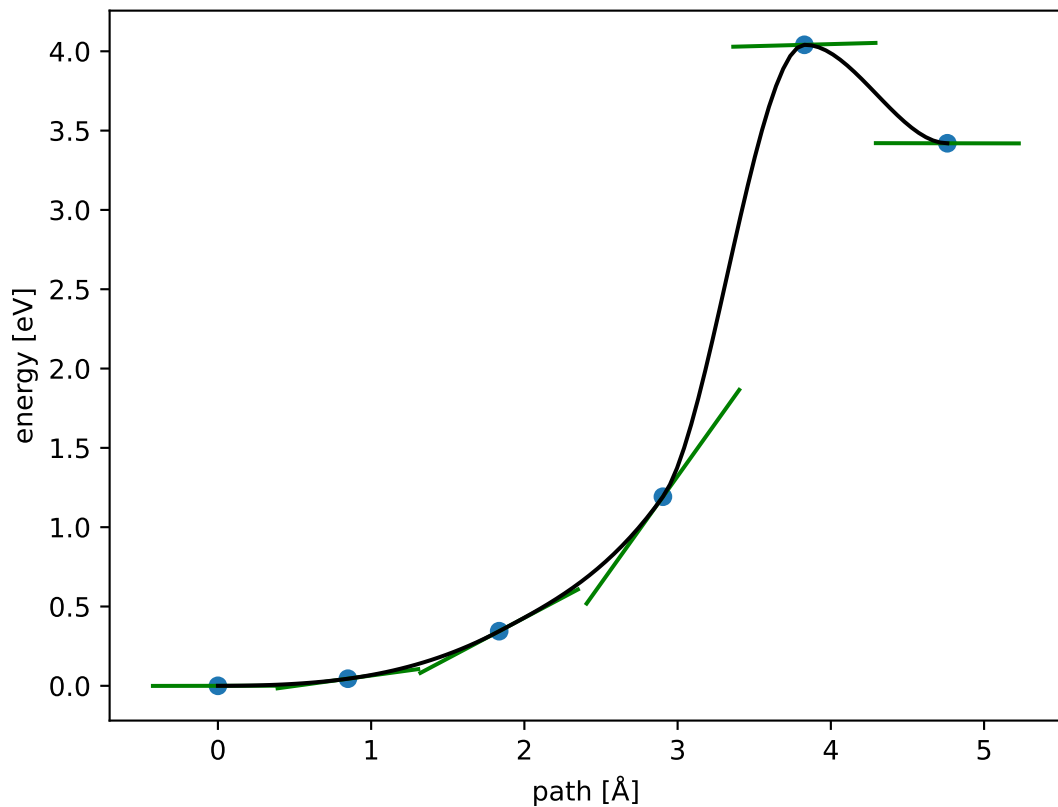
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



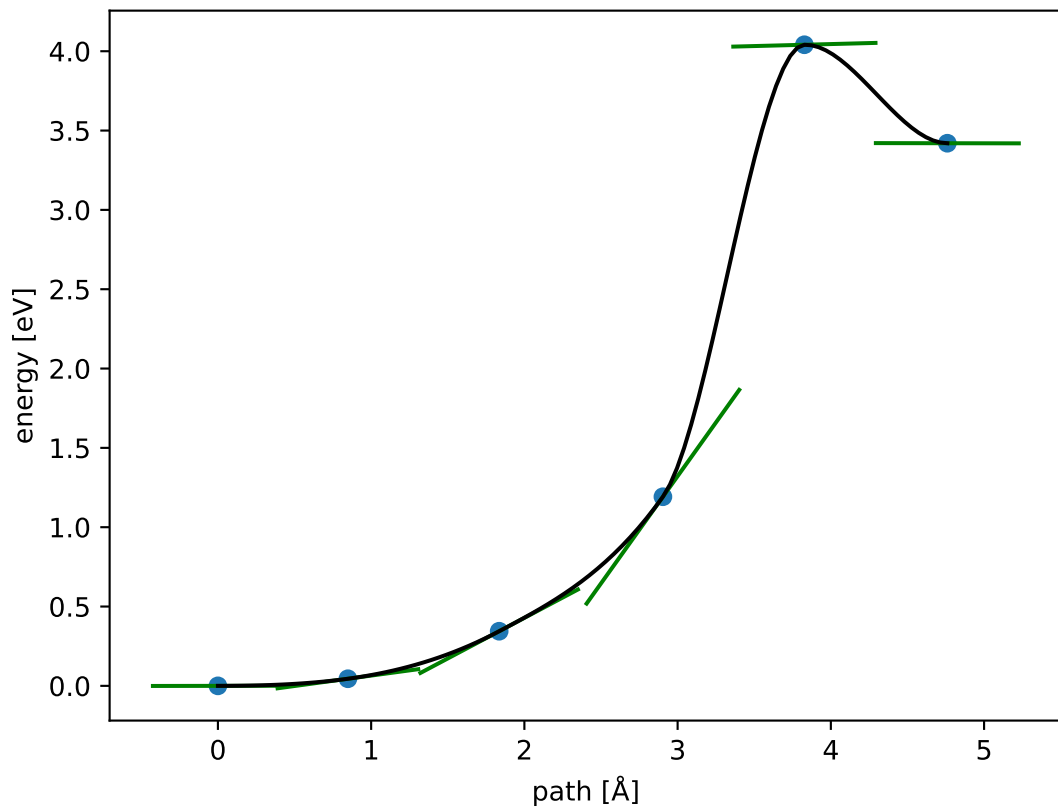
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



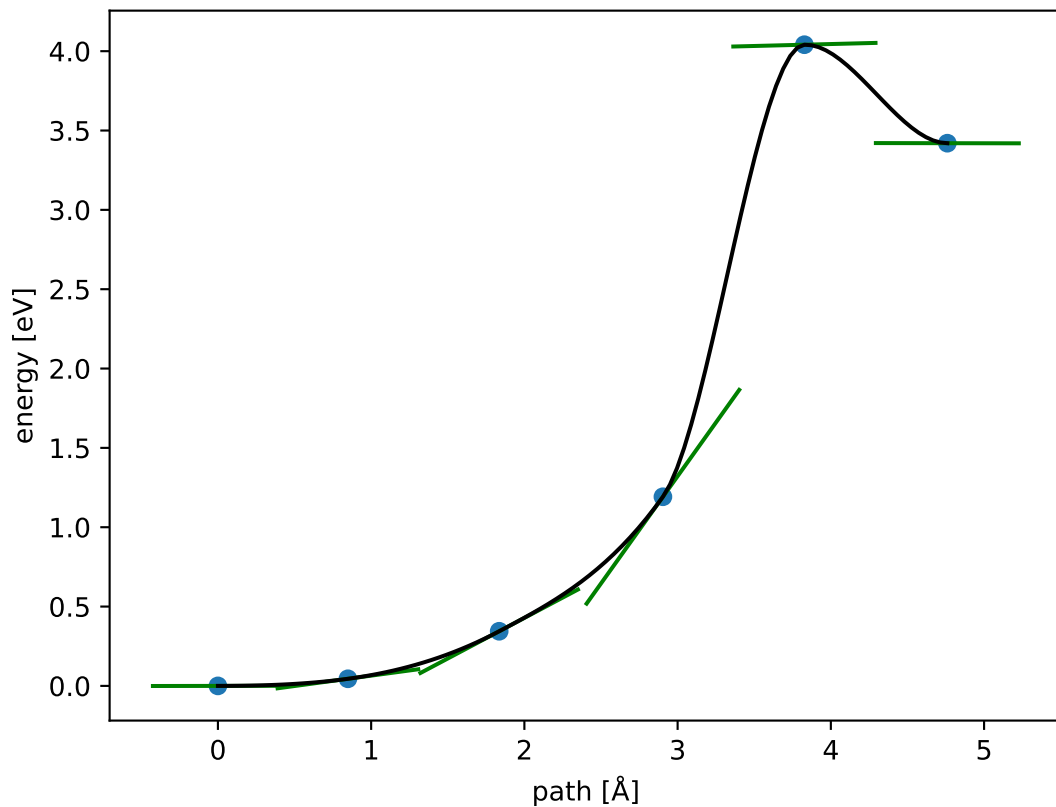
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



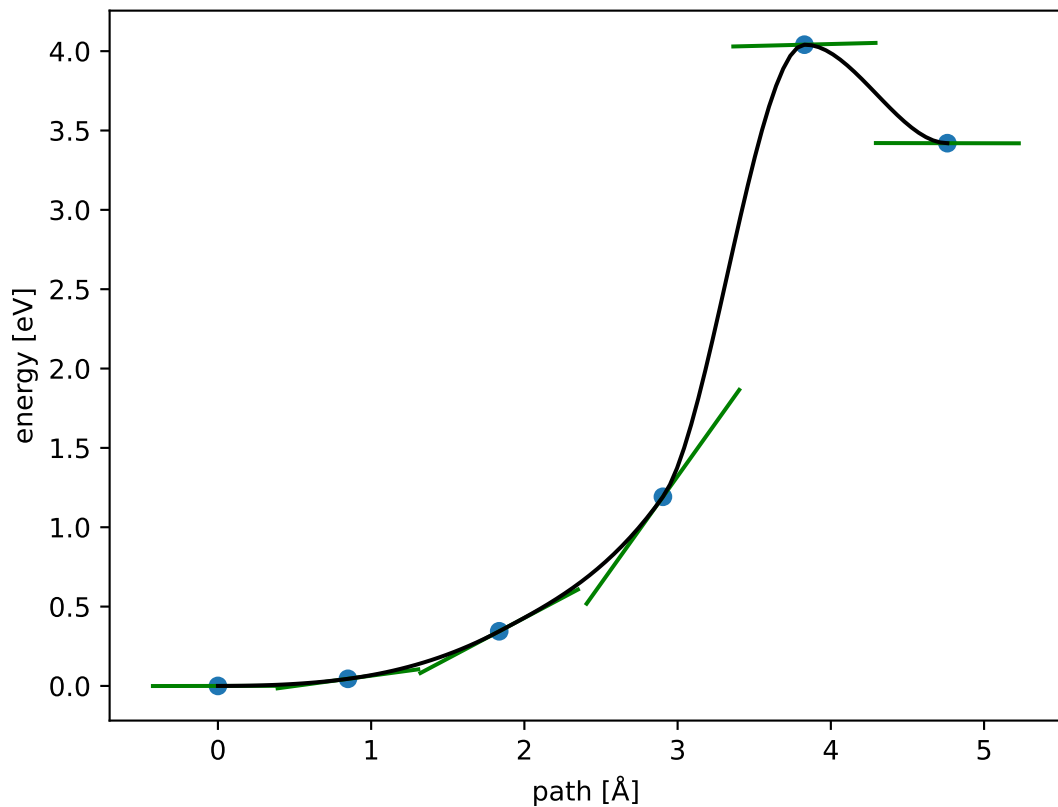
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



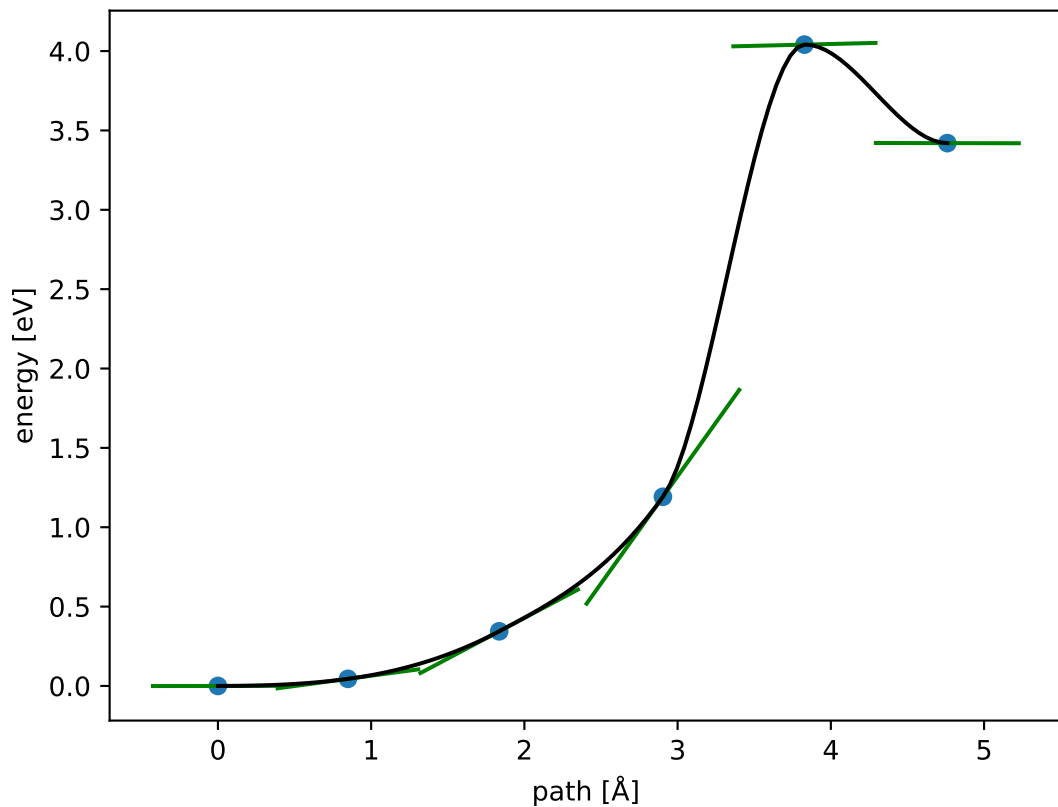
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



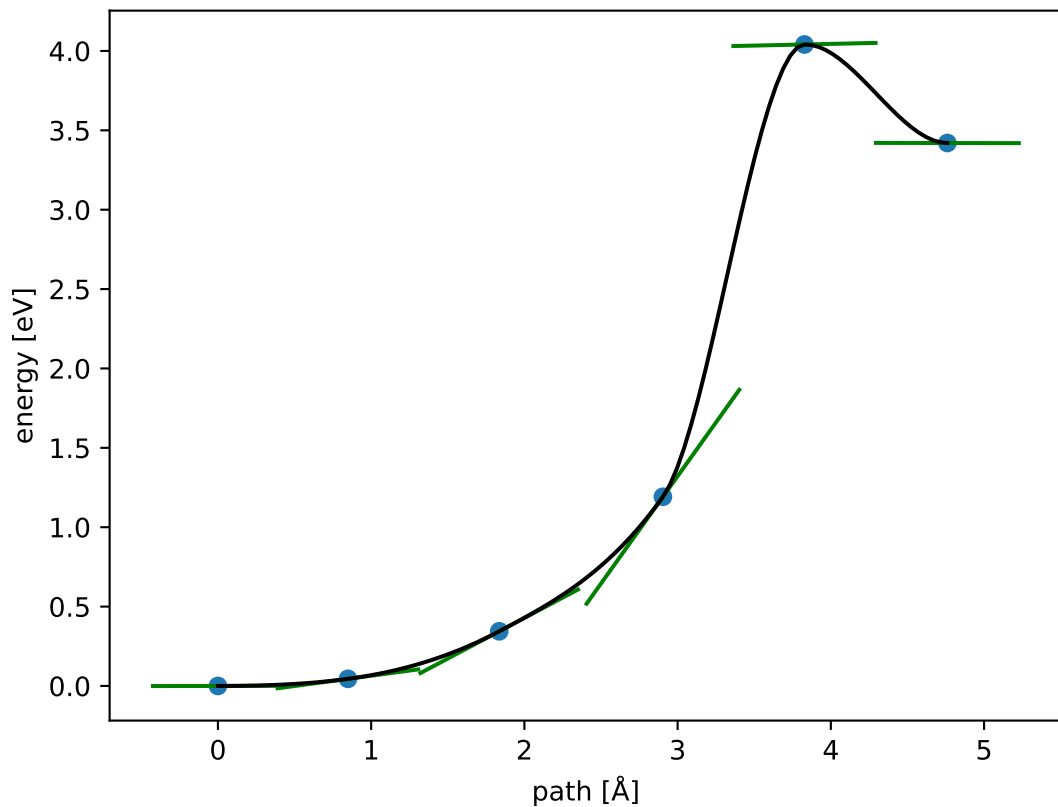
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



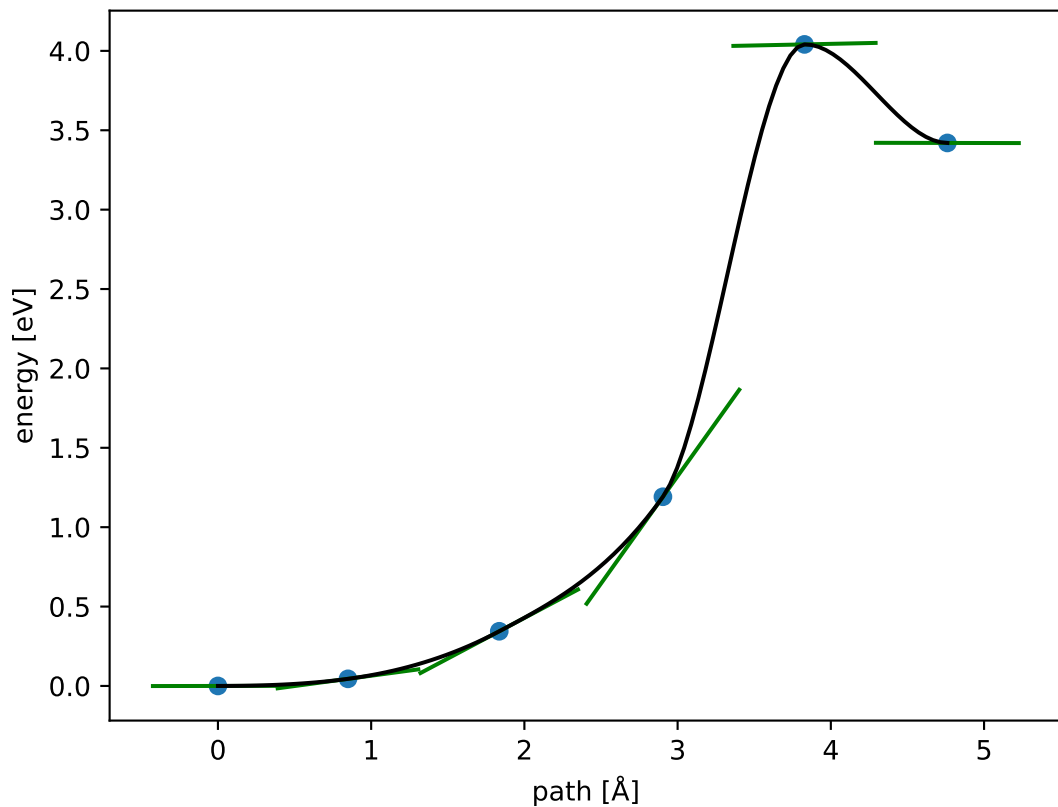
$$E_f \approx 4.041 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 3.420 \text{ eV}$$



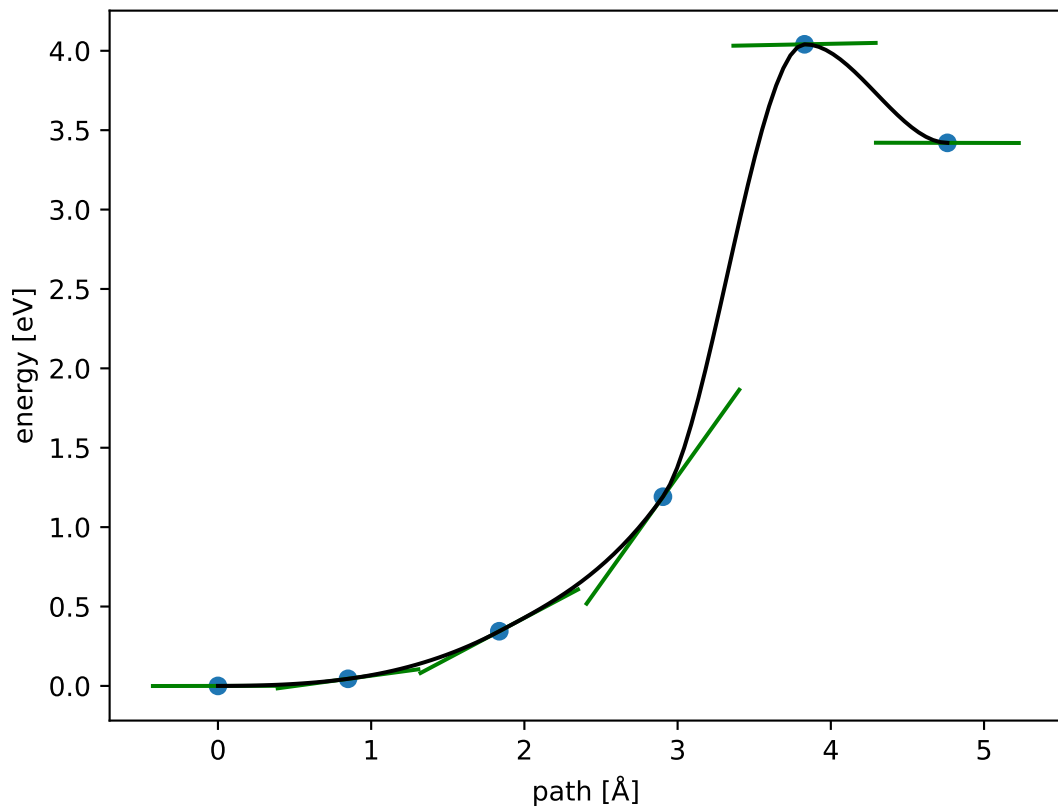
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