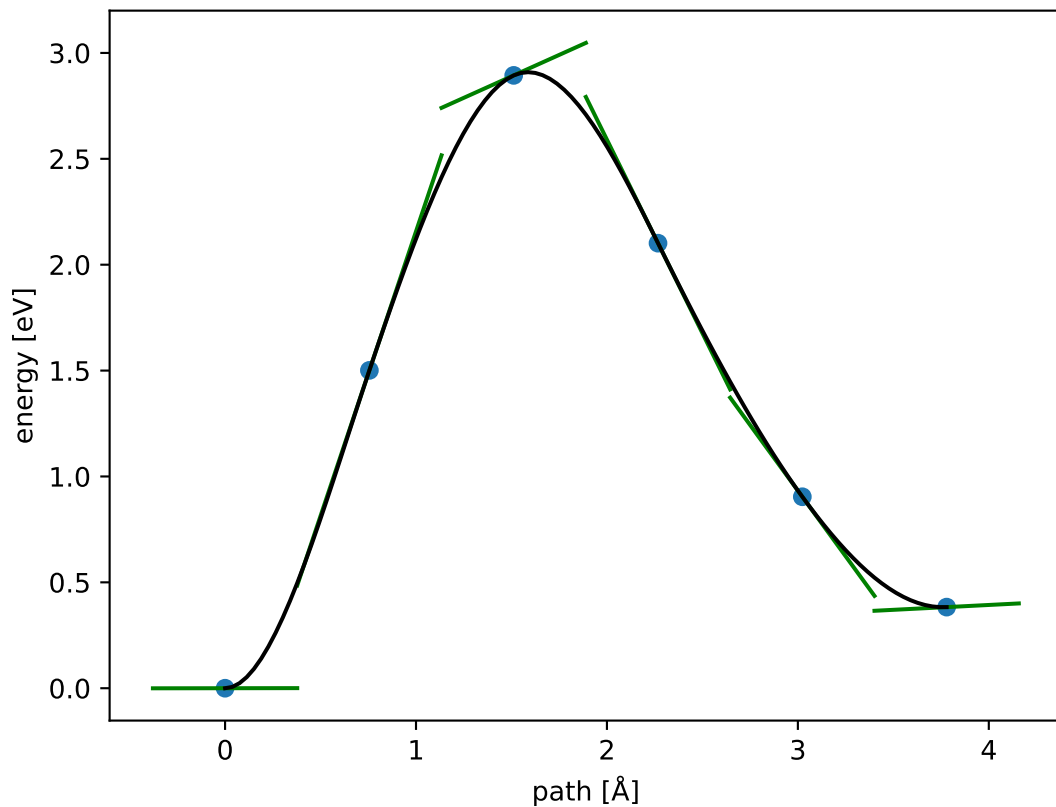
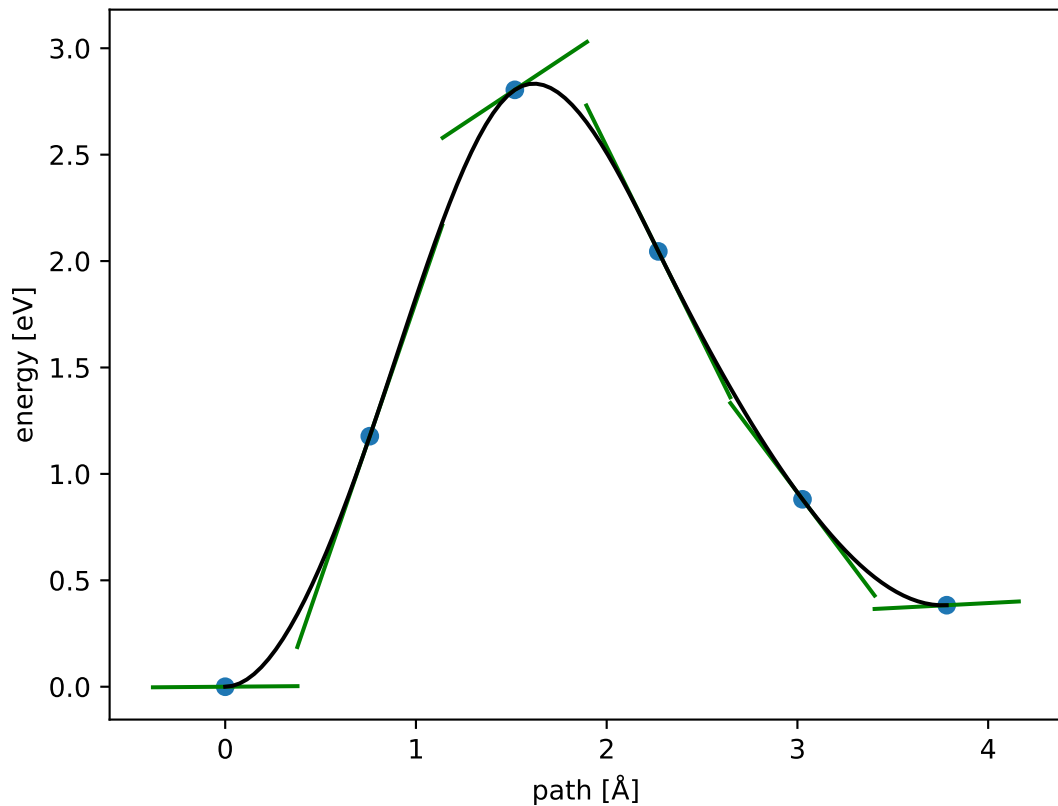


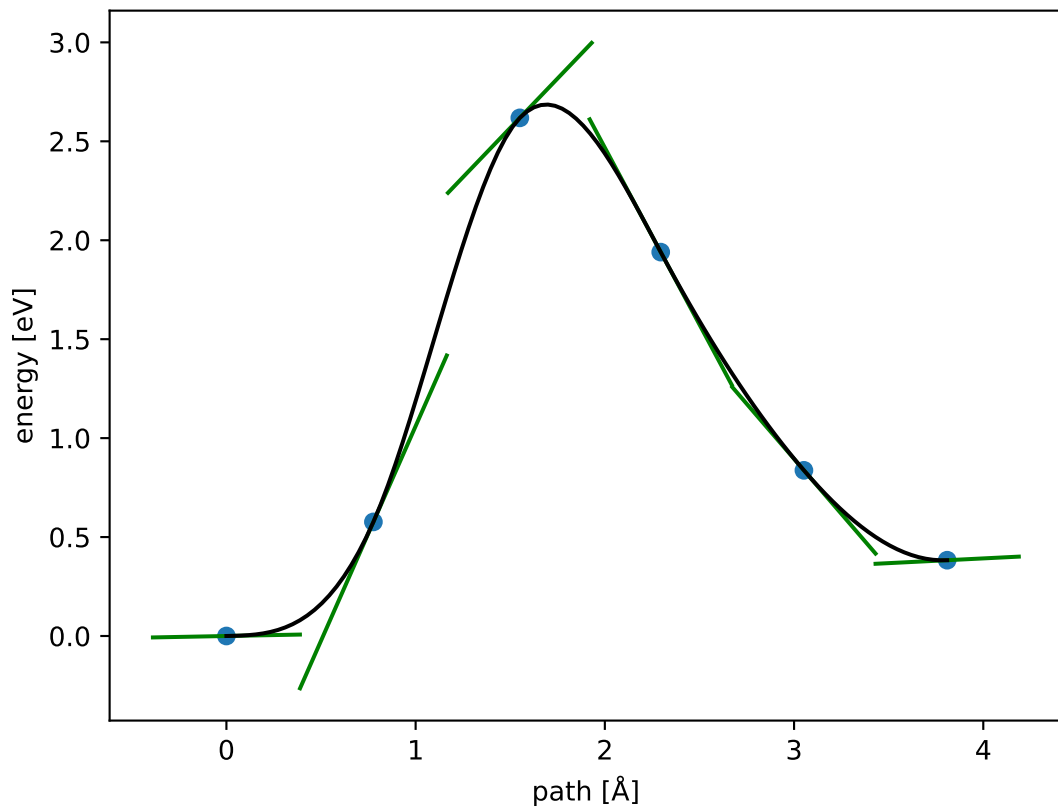
$$E_f \approx 2.894 \text{ eV}; E_r \approx 2.511 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



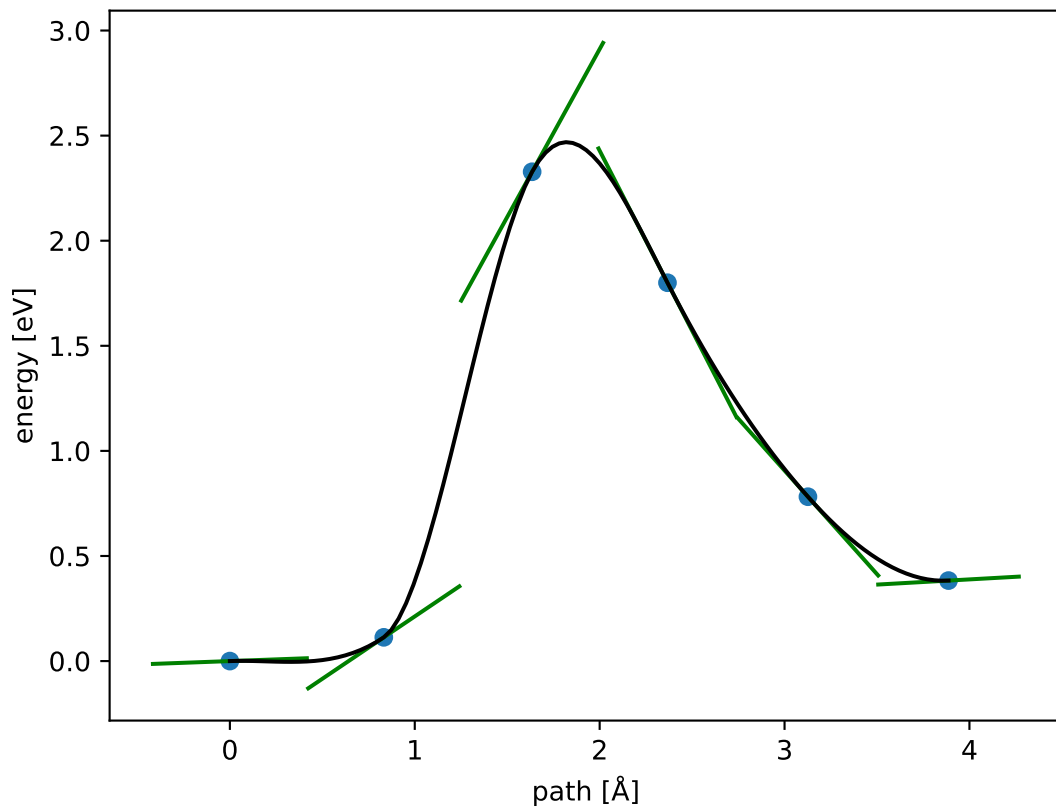
$$E_f \approx 2.805 \text{ eV}; E_r \approx 2.422 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



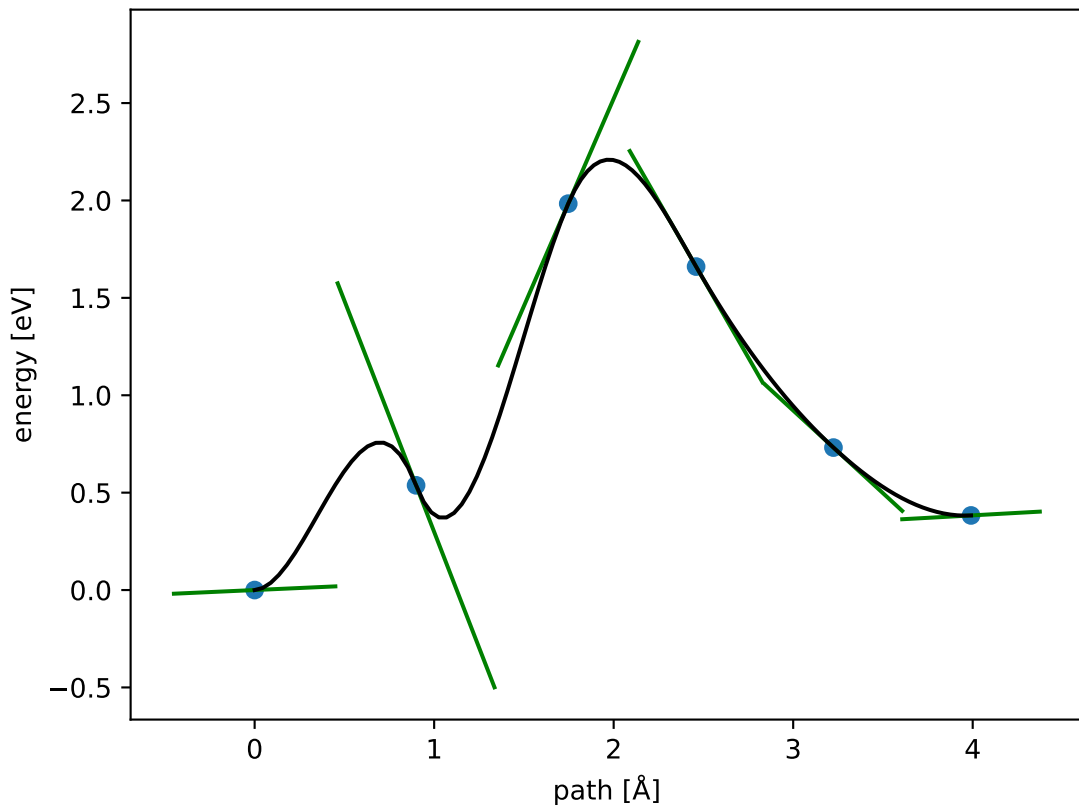
$$E_f \approx 2.618 \text{ eV}; E_r \approx 2.235 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



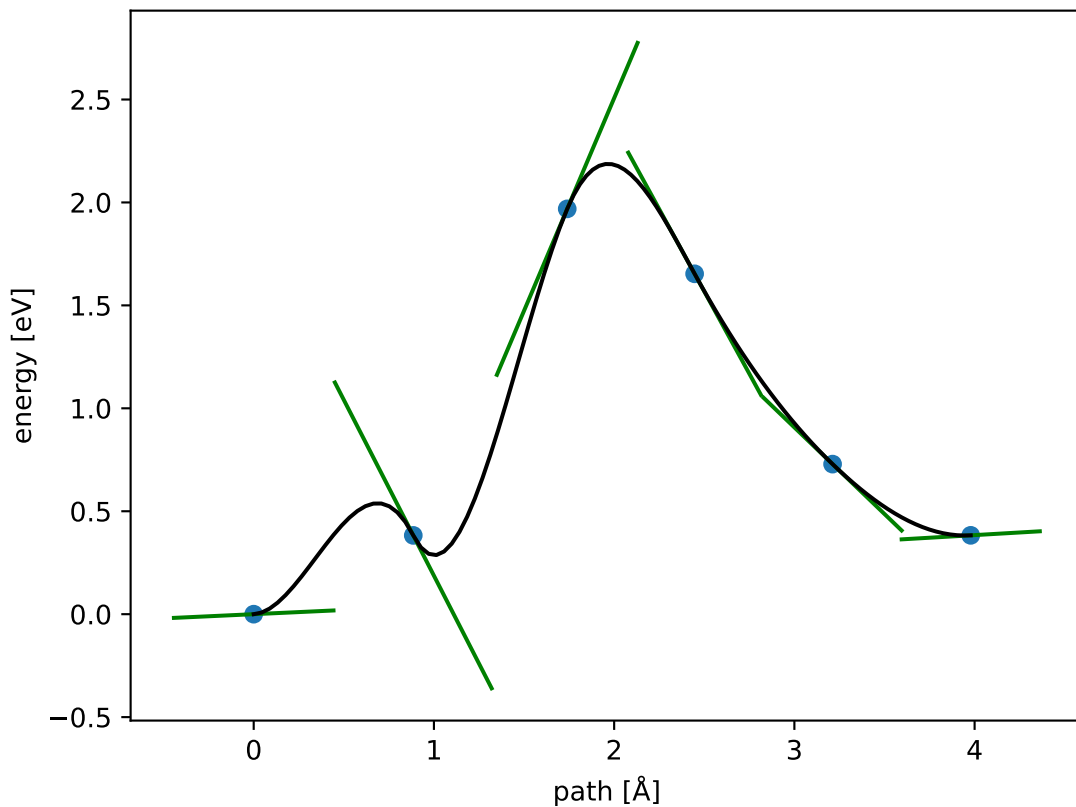
$$E_f \approx 2.328 \text{ eV}; E_r \approx 1.945 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



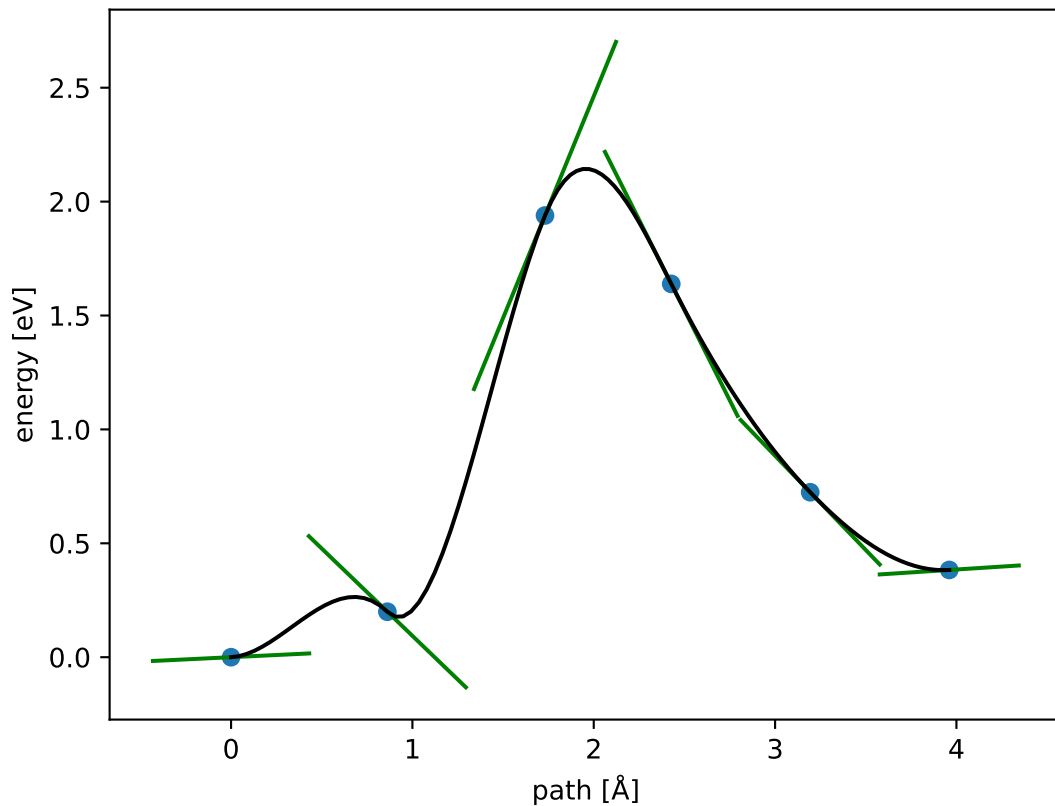
$$E_f \approx 1.984 \text{ eV}; E_r \approx 1.601 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



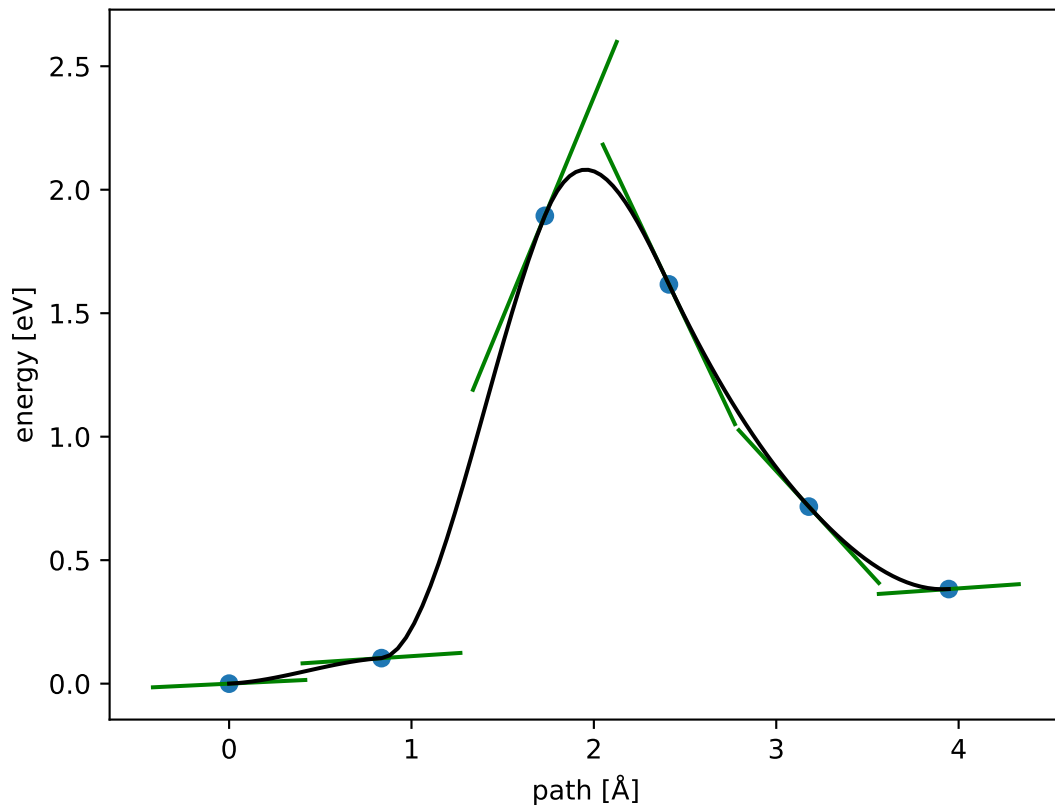
$$E_f \approx 1.969 \text{ eV}; E_r \approx 1.586 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



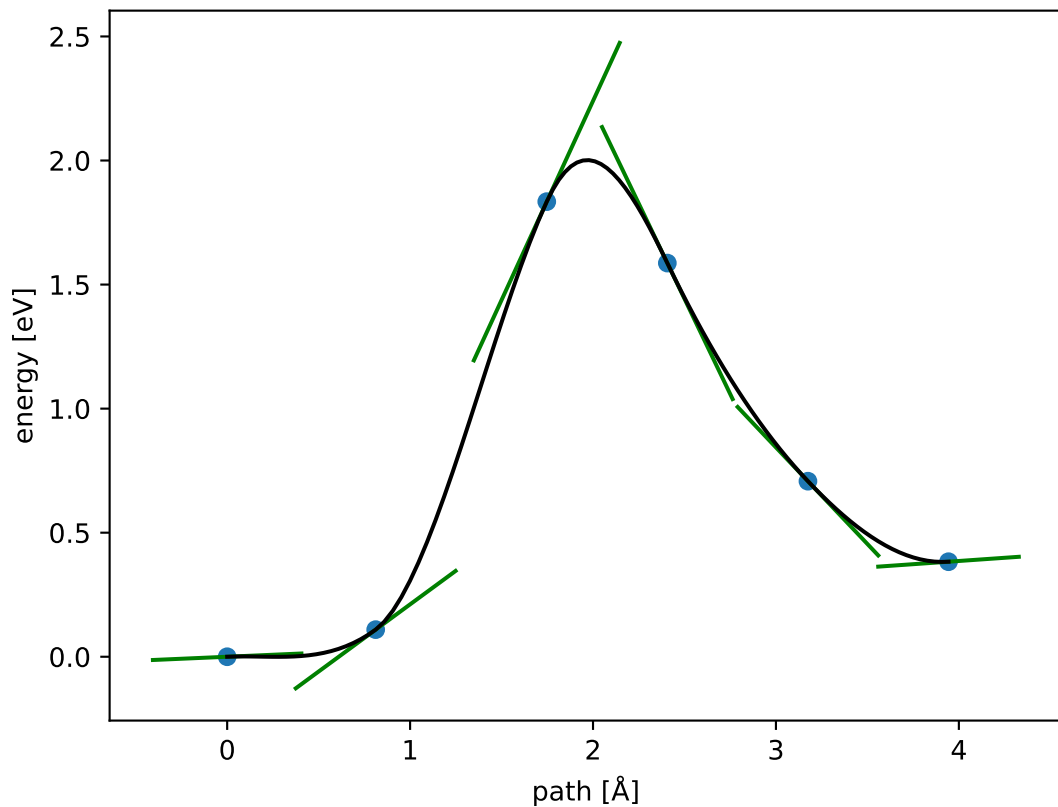
$$E_f \approx 1.939 \text{ eV}; E_r \approx 1.556 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



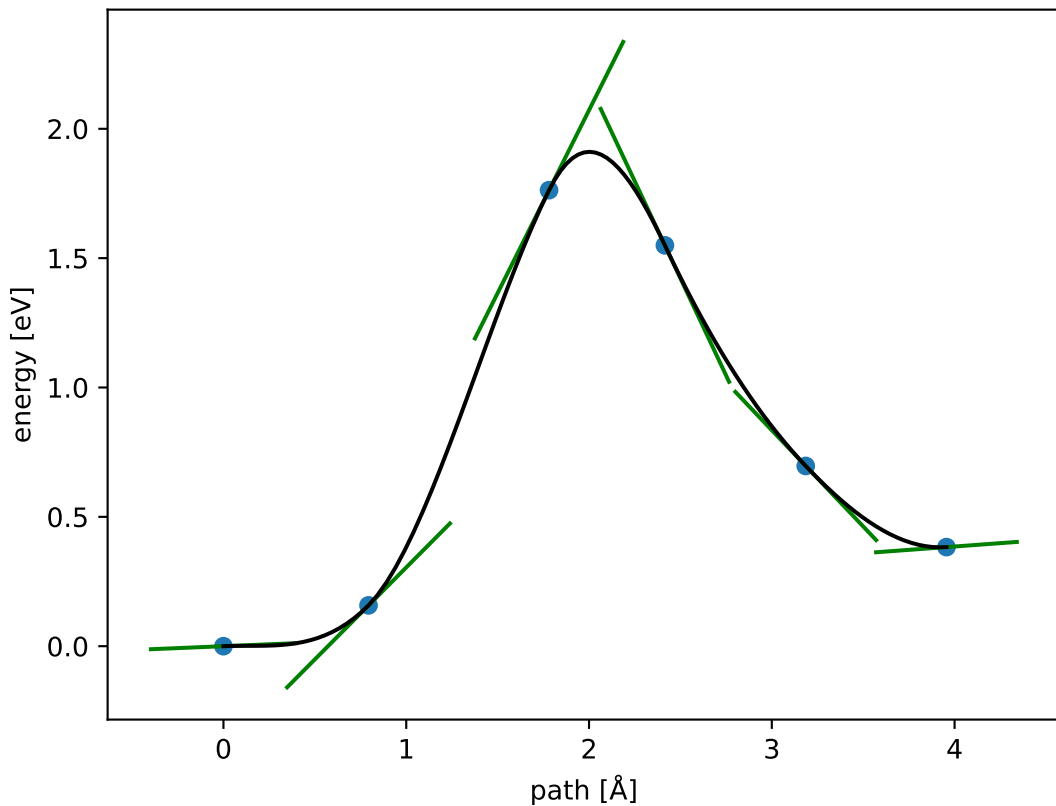
$$E_f \approx 1.894 \text{ eV}; E_r \approx 1.511 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



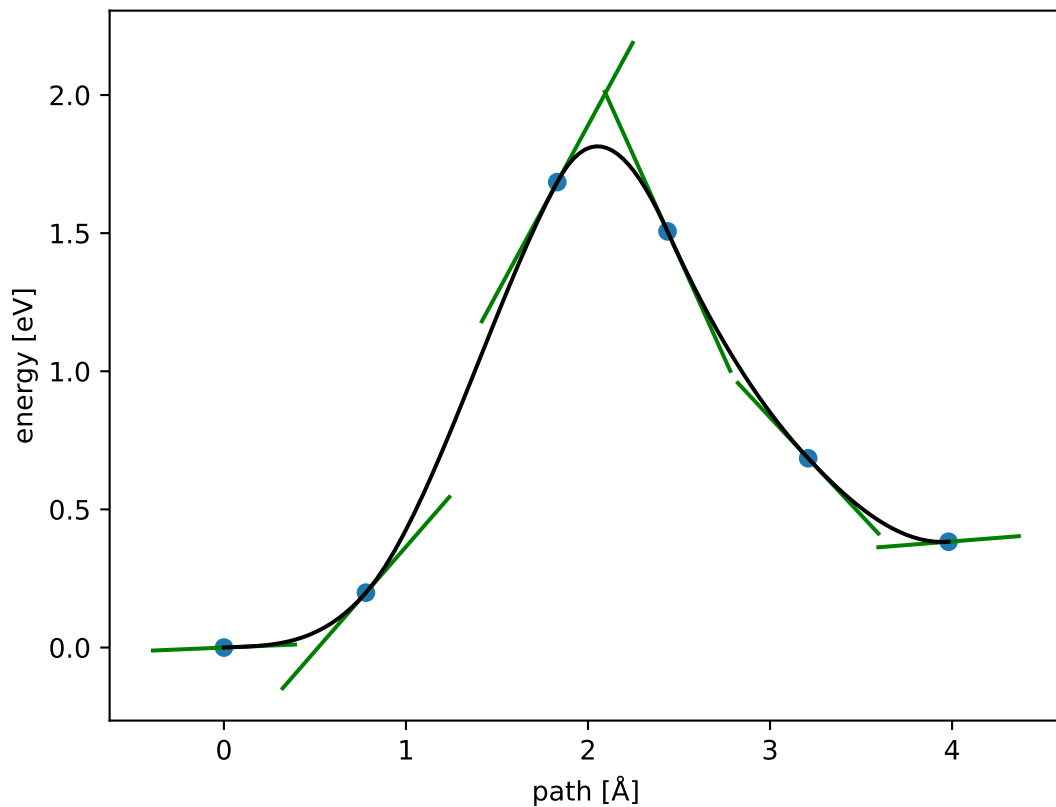
$$E_f \approx 1.834 \text{ eV}; E_r \approx 1.451 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



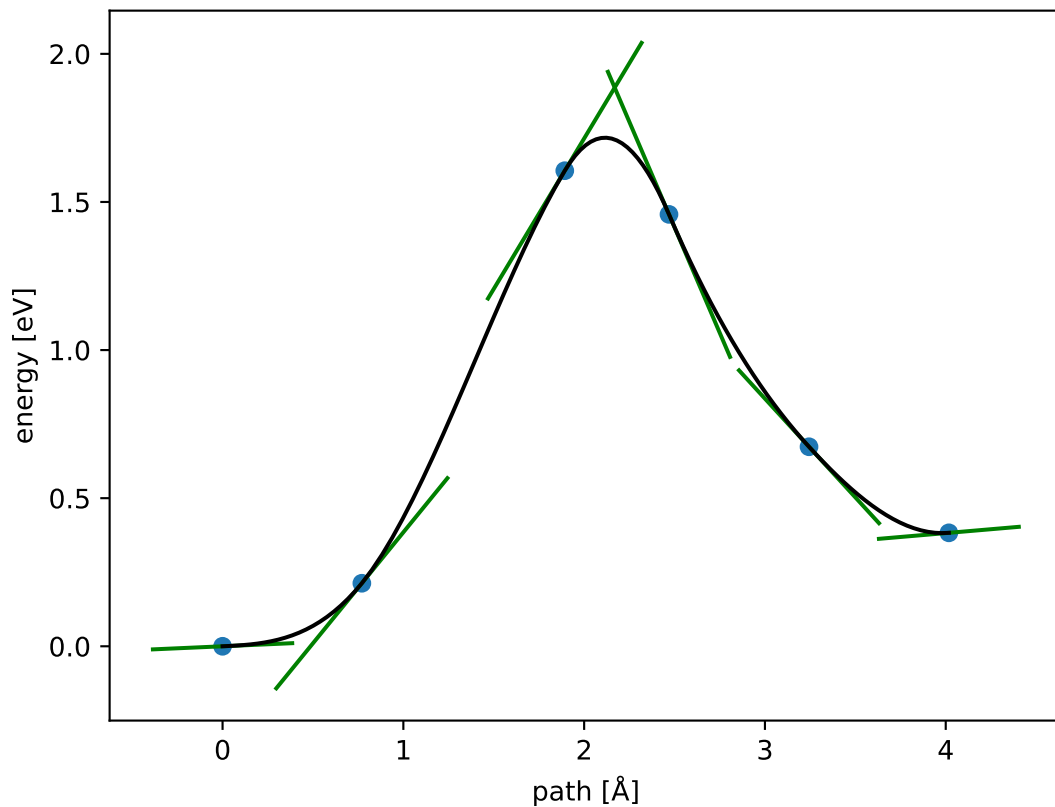
$$E_f \approx 1.763 \text{ eV}; E_r \approx 1.380 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



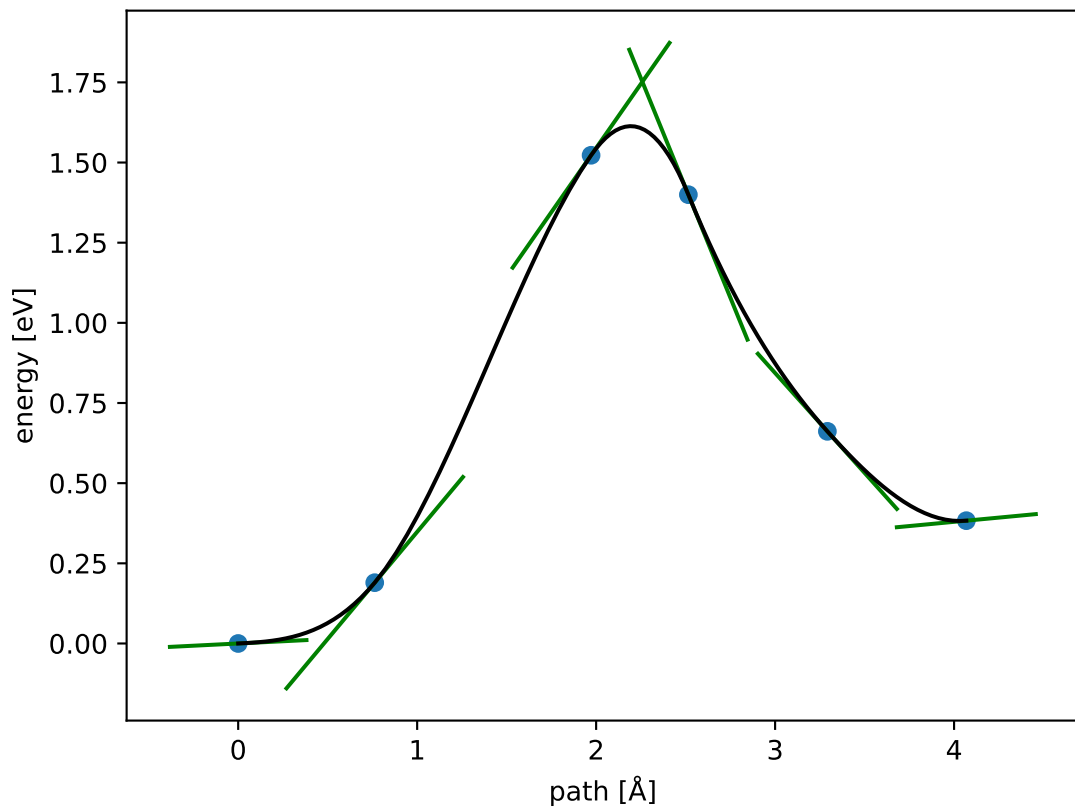
$$E_f \approx 1.685 \text{ eV}; E_r \approx 1.302 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



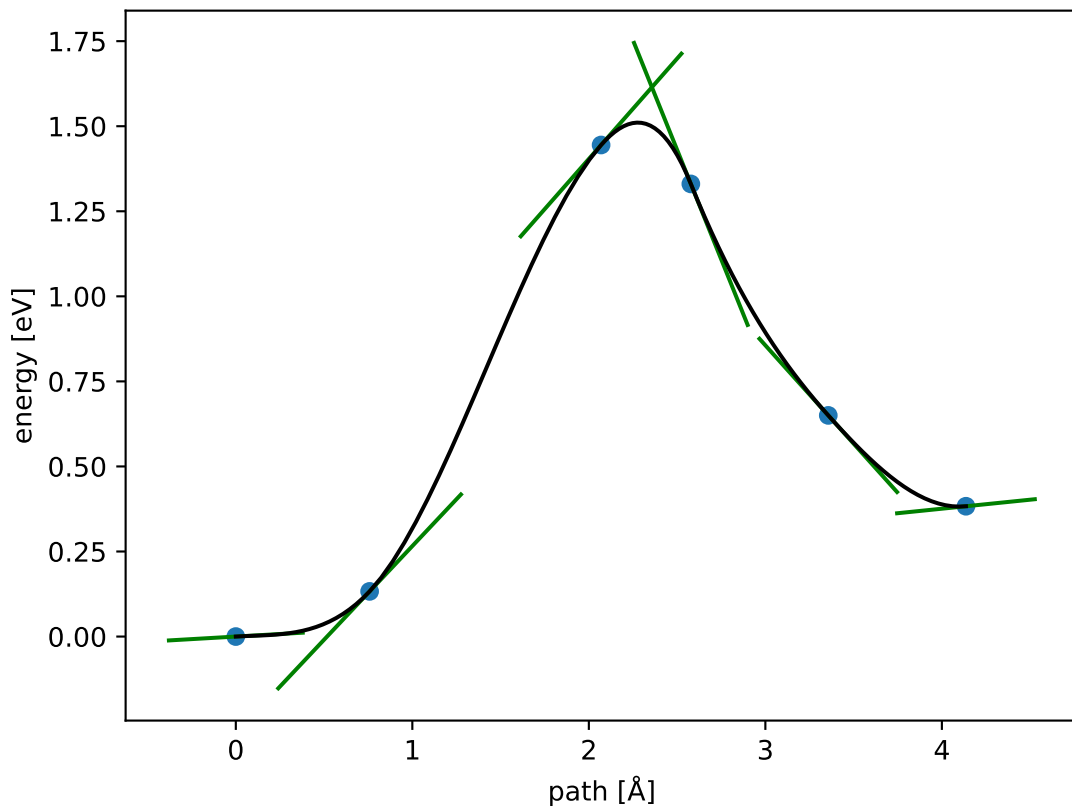
$$E_f \approx 1.606 \text{ eV}; E_r \approx 1.223 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



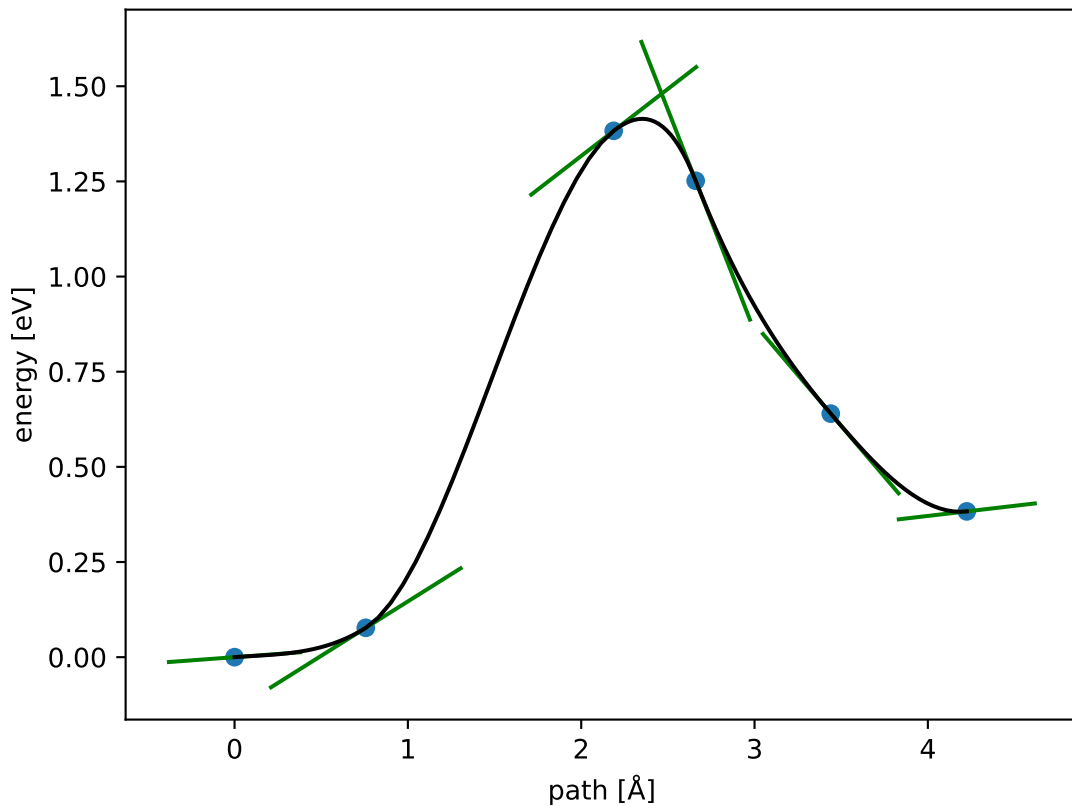
$$E_f \approx 1.523 \text{ eV}; E_r \approx 1.140 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



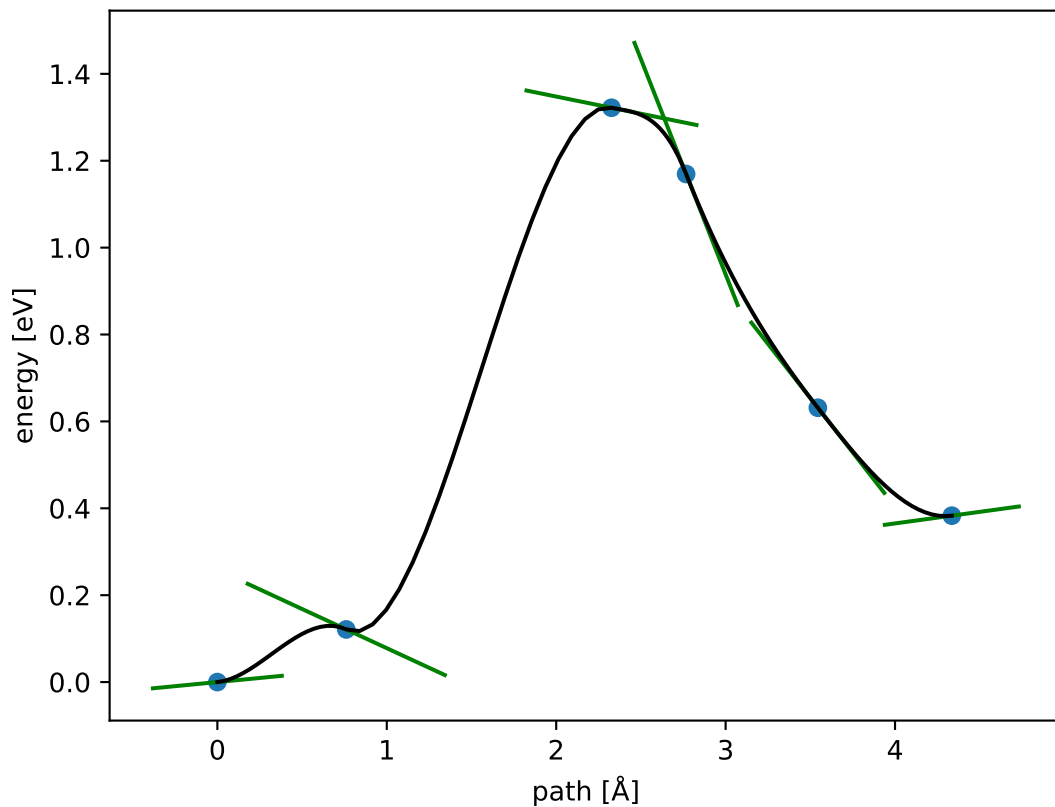
$$E_f \approx 1.445 \text{ eV}; E_r \approx 1.062 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



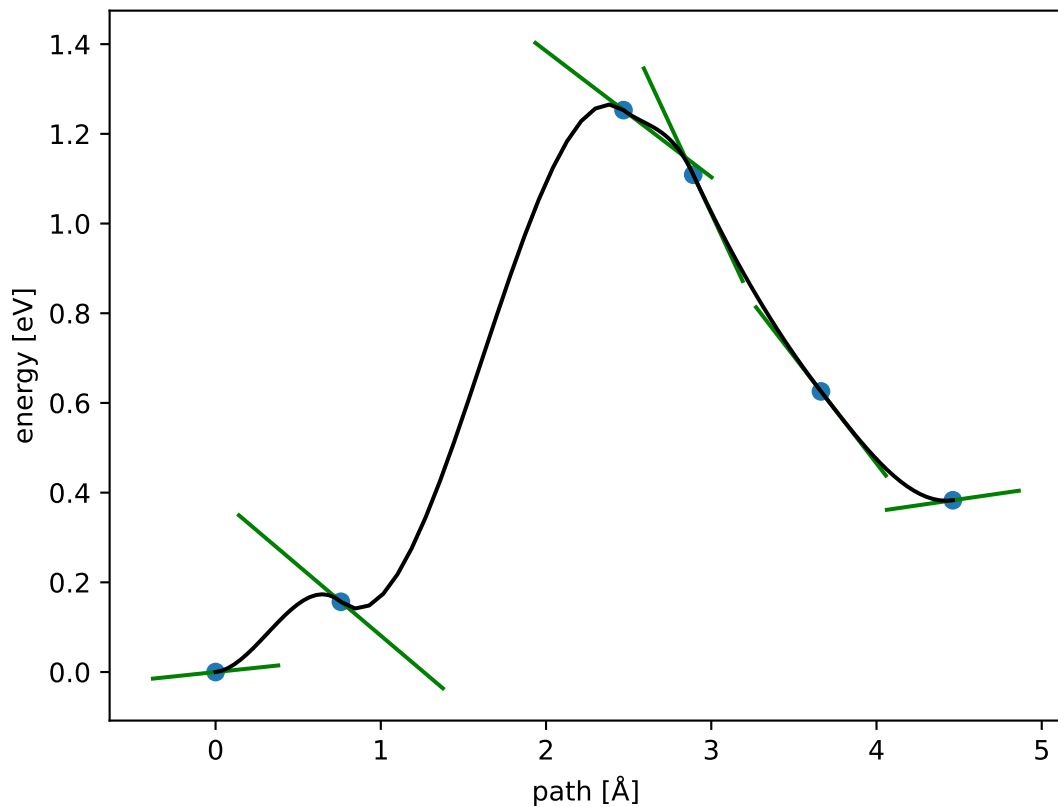
$$E_f \approx 1.383 \text{ eV}; E_r \approx 1.000 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



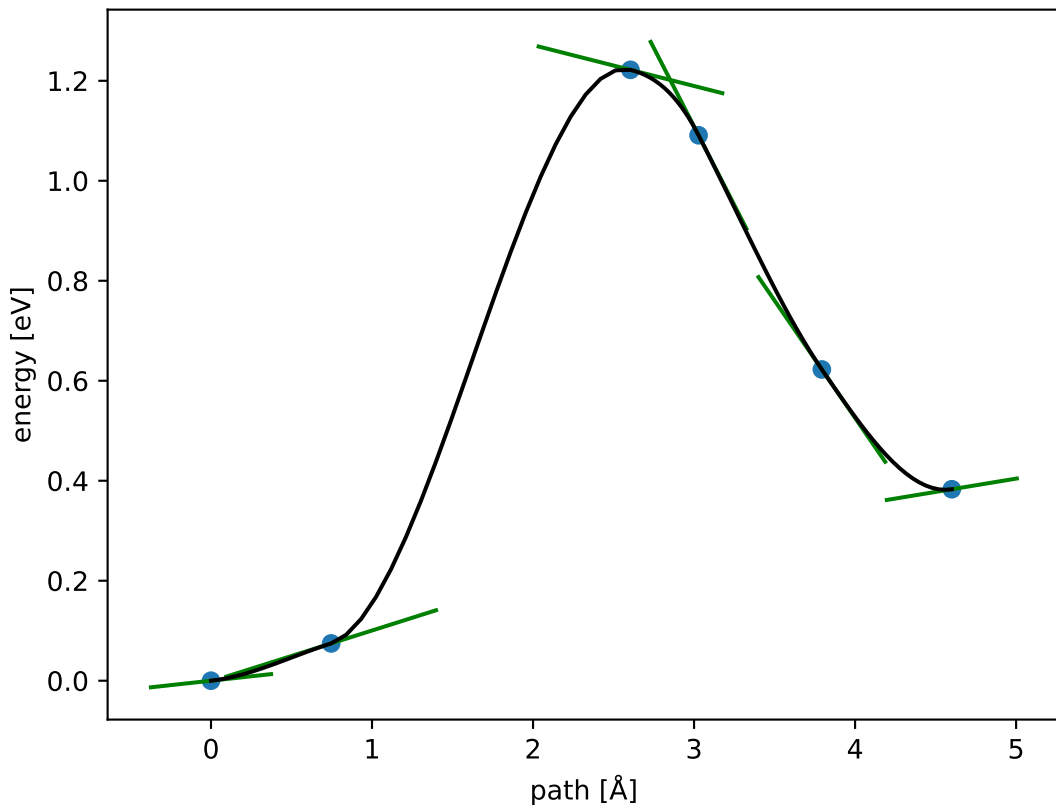
$$E_f \approx 1.322 \text{ eV}; E_r \approx 0.939 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



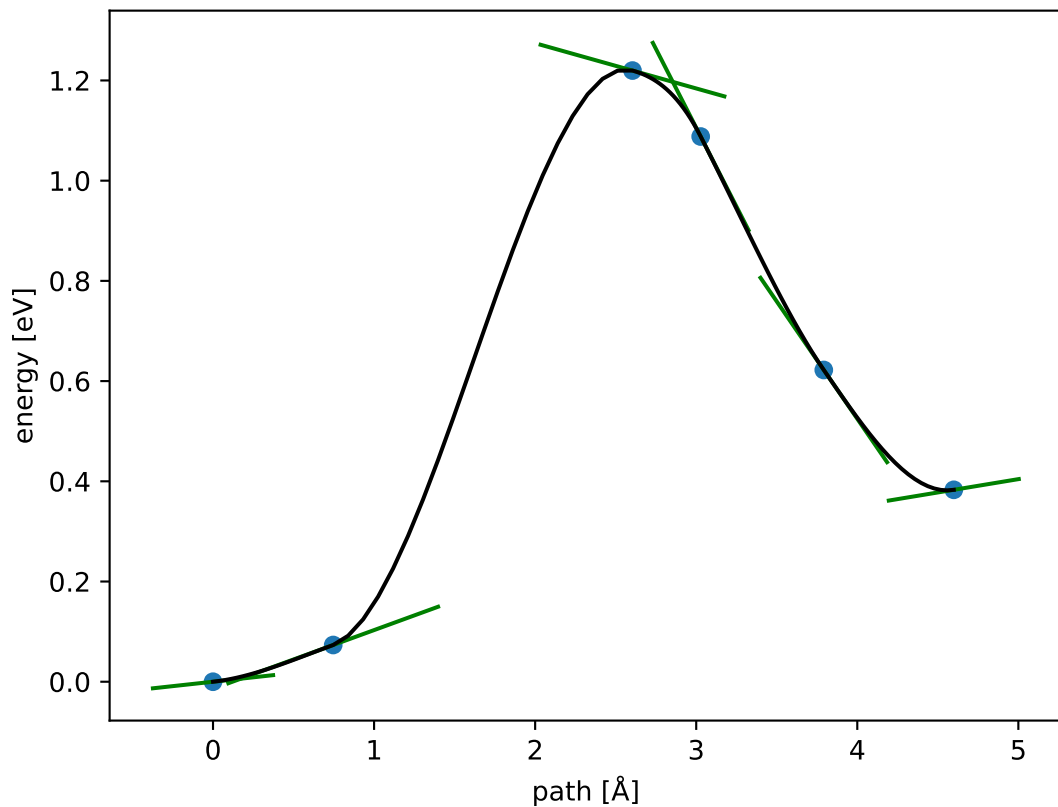
$$E_f \approx 1.253 \text{ eV}; E_r \approx 0.870 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



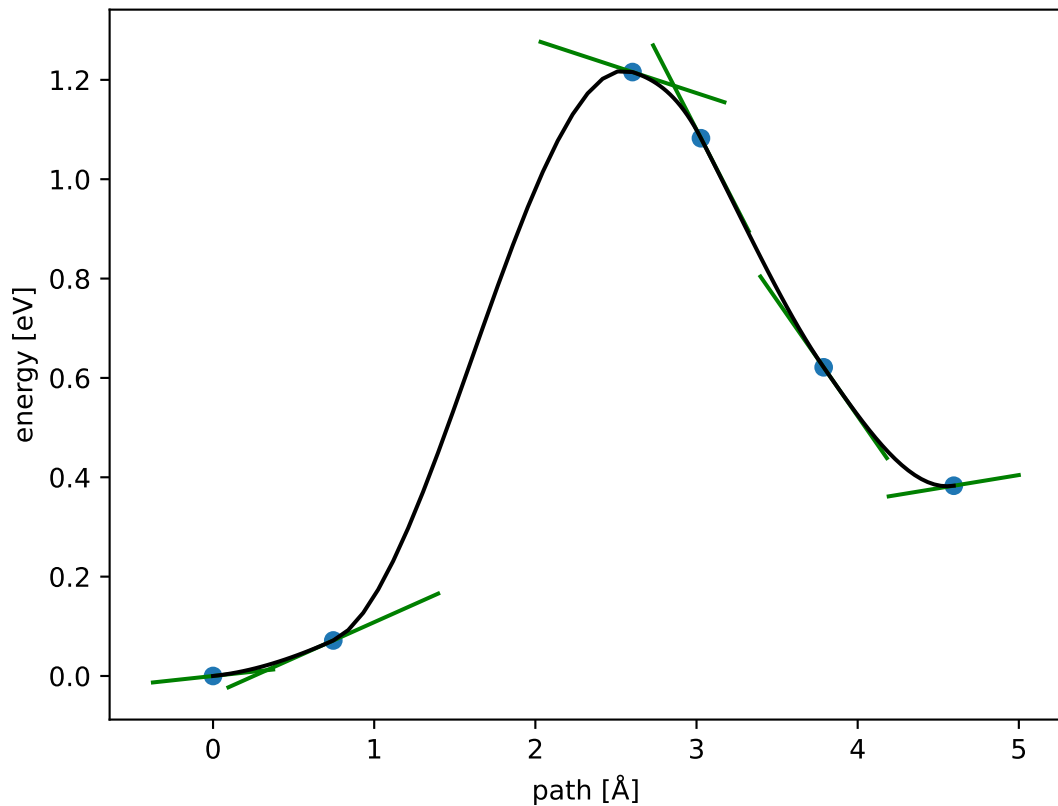
$$E_f \approx 1.222 \text{ eV}; E_r \approx 0.839 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



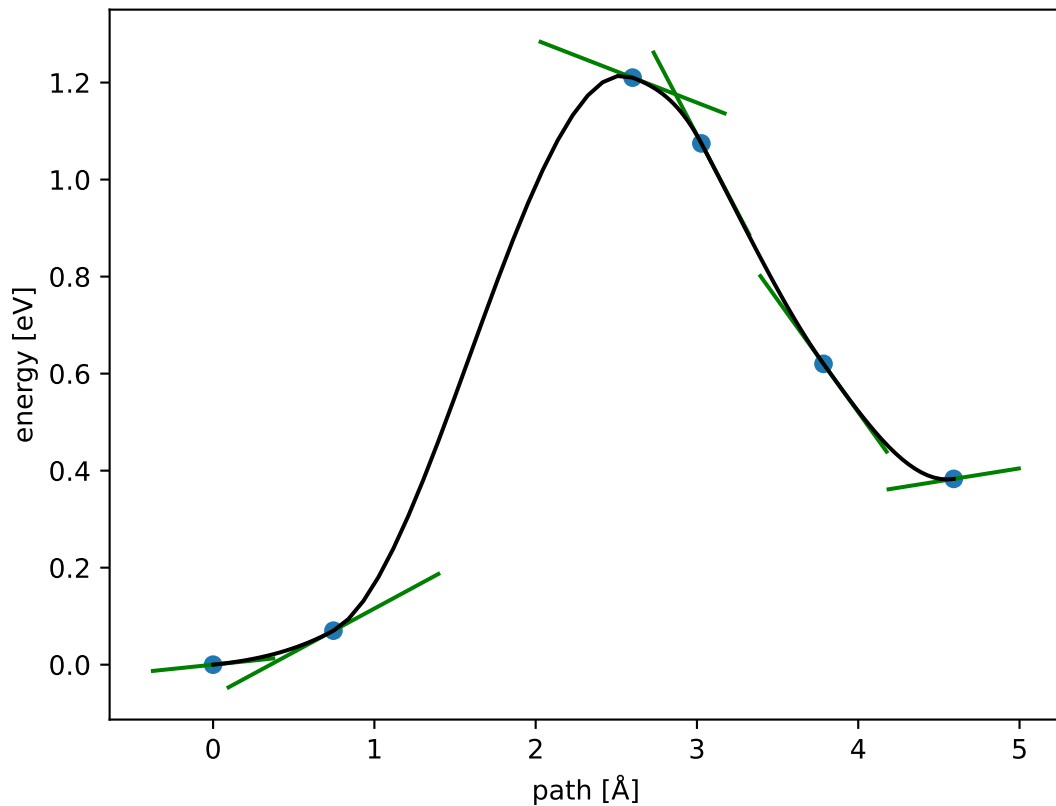
$$E_f \approx 1.220 \text{ eV}; E_r \approx 0.837 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



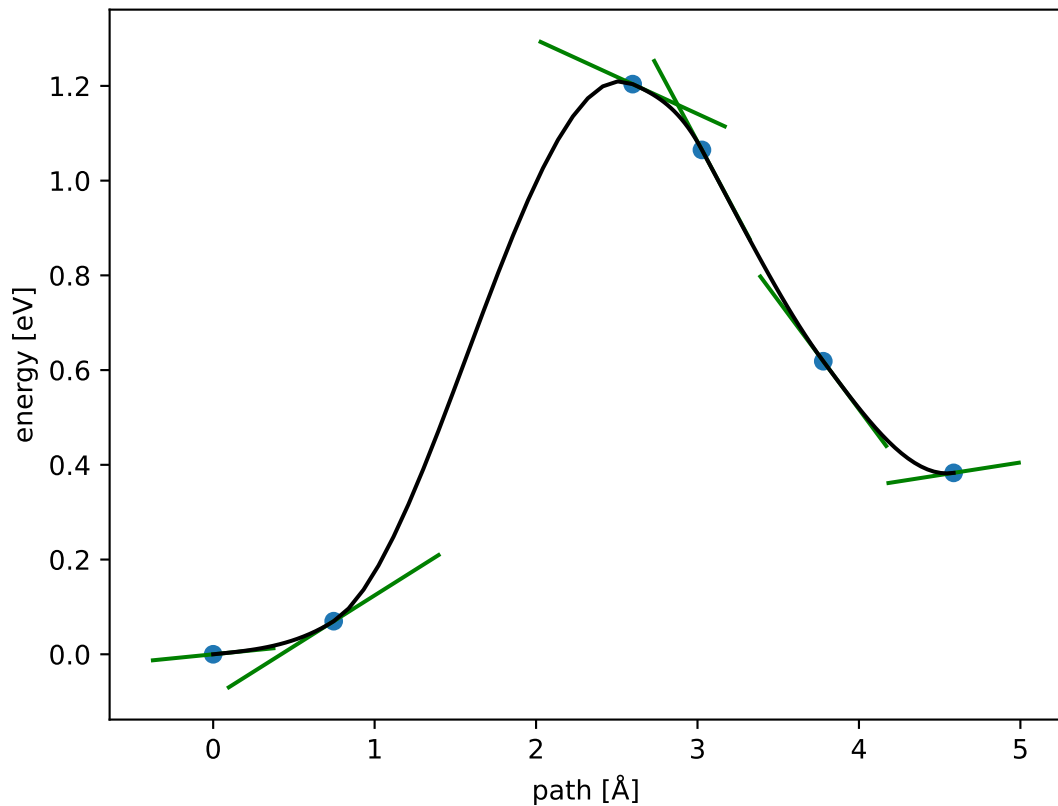
$$E_f \approx 1.216 \text{ eV}; E_r \approx 0.833 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



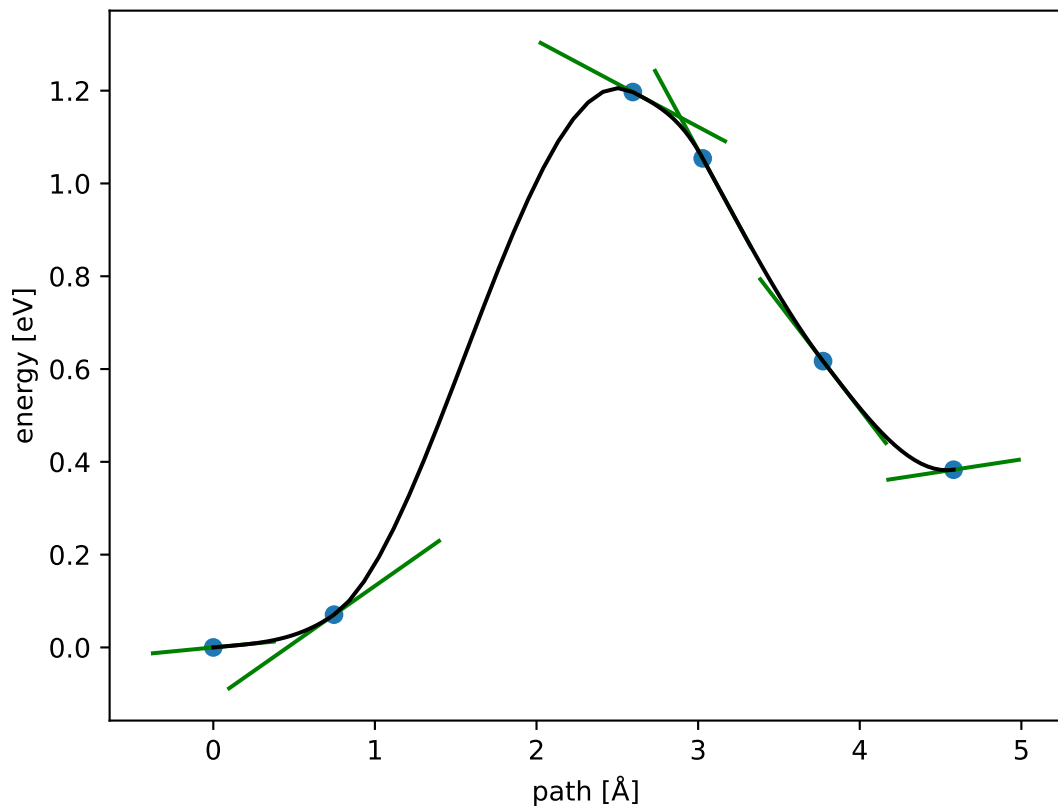
$$E_f \approx 1.210 \text{ eV}; E_r \approx 0.827 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



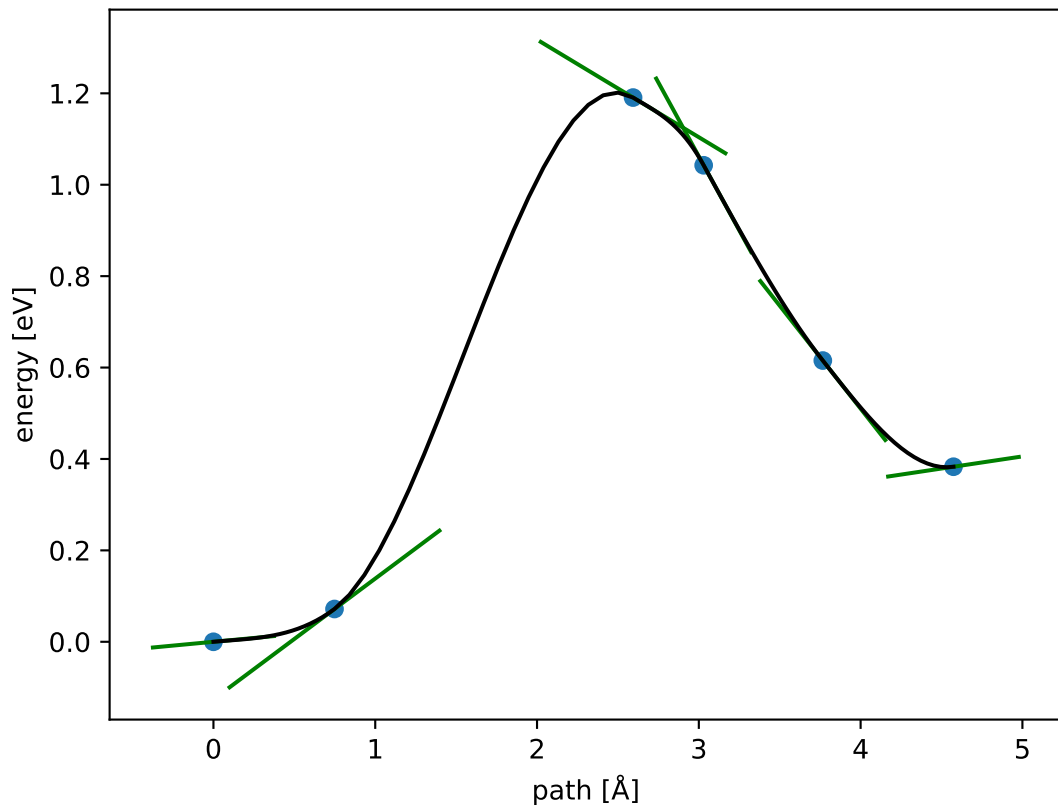
$$E_f \approx 1.204 \text{ eV}; E_r \approx 0.821 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



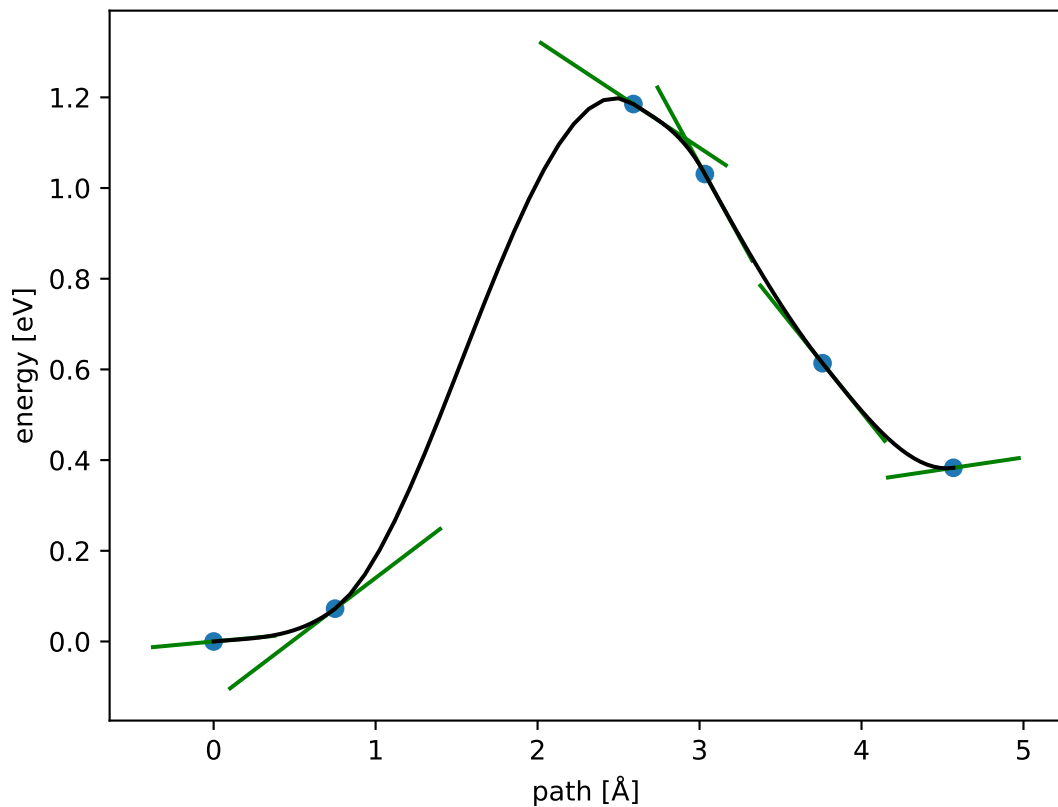
$$E_f \approx 1.197 \text{ eV}; E_r \approx 0.814 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



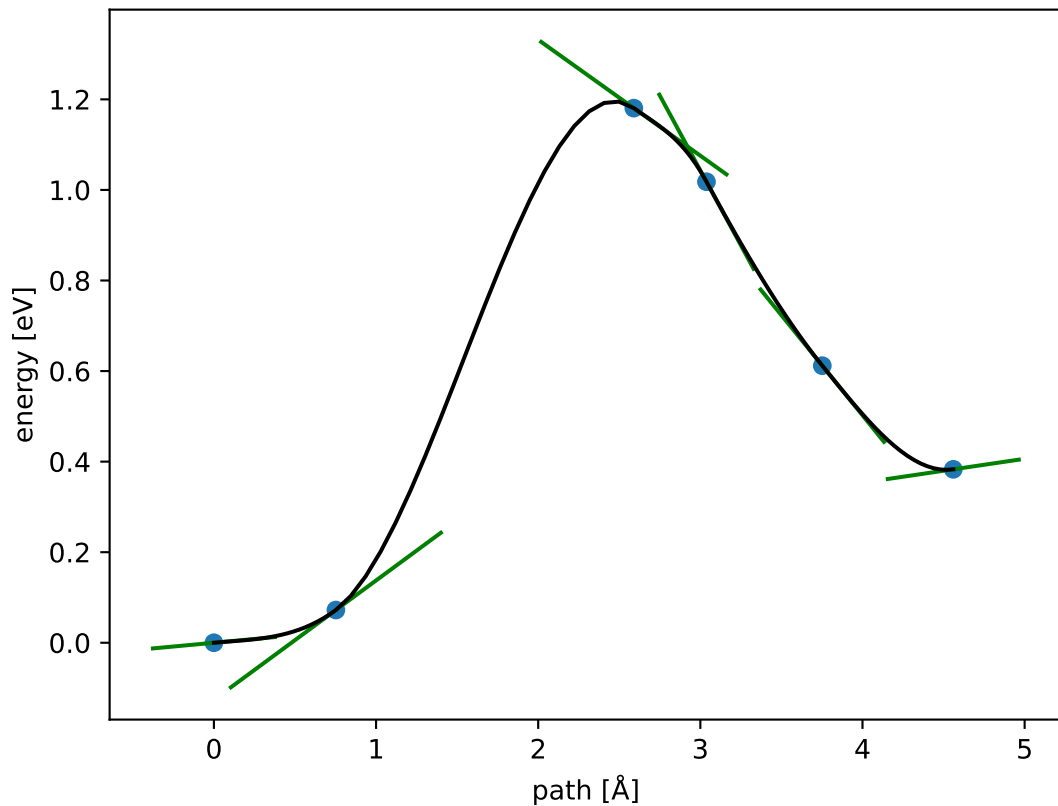
$$E_f \approx 1.191 \text{ eV}; E_r \approx 0.808 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



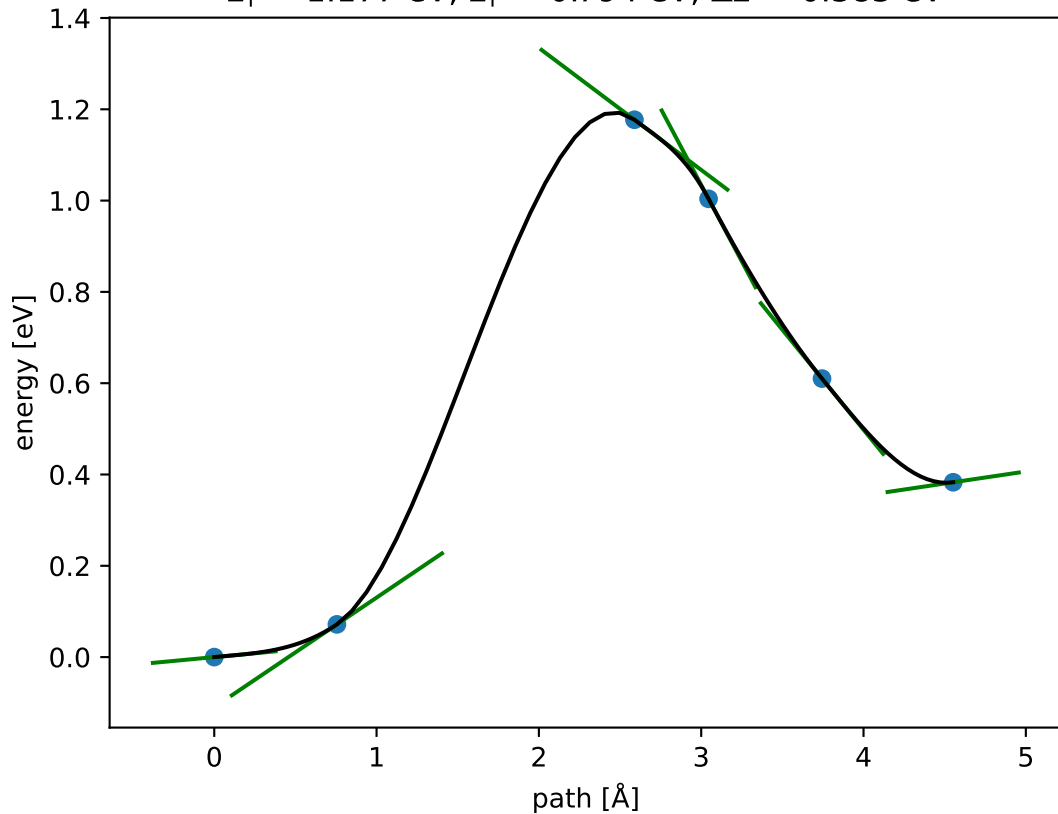
$$E_f \approx 1.185 \text{ eV}; E_r \approx 0.802 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



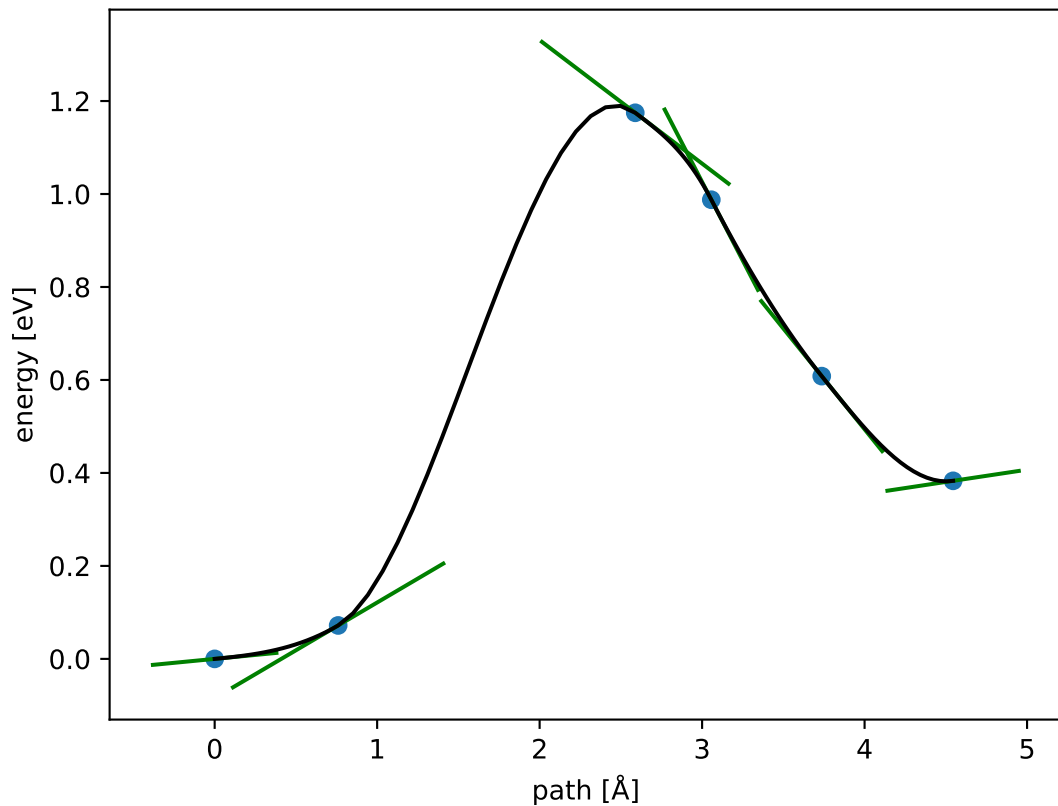
$$E_f \approx 1.181 \text{ eV}; E_r \approx 0.798 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



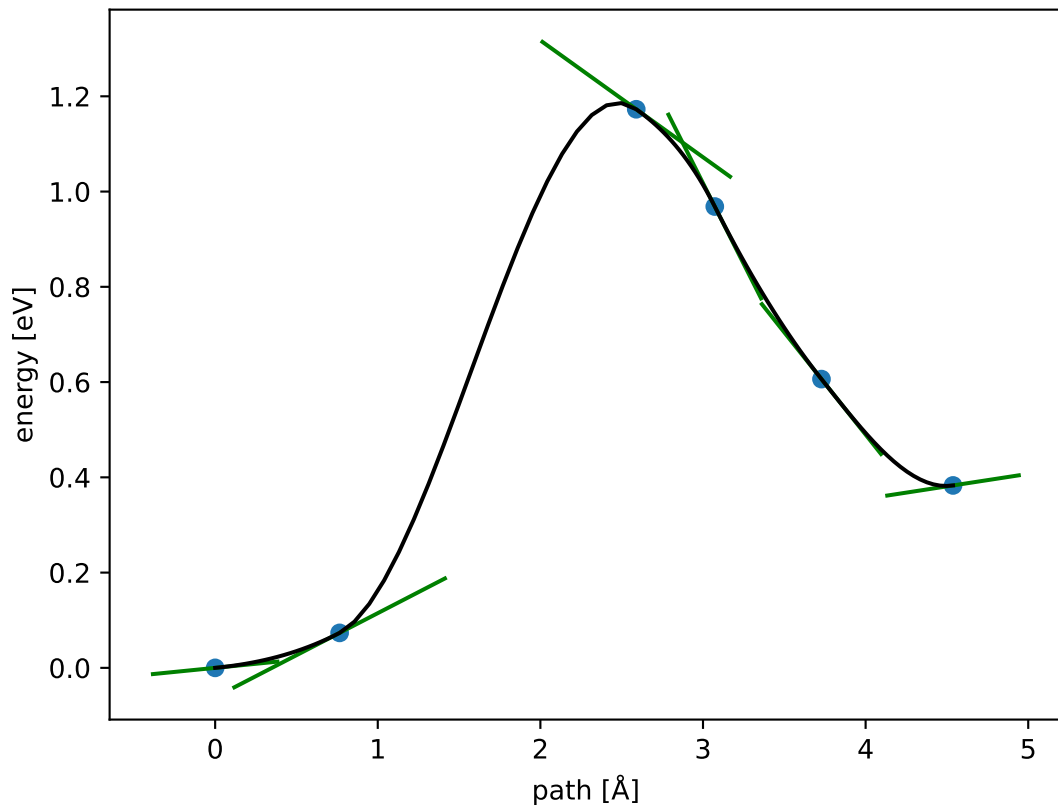
$$E_f \approx 1.177 \text{ eV}; E_r \approx 0.794 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



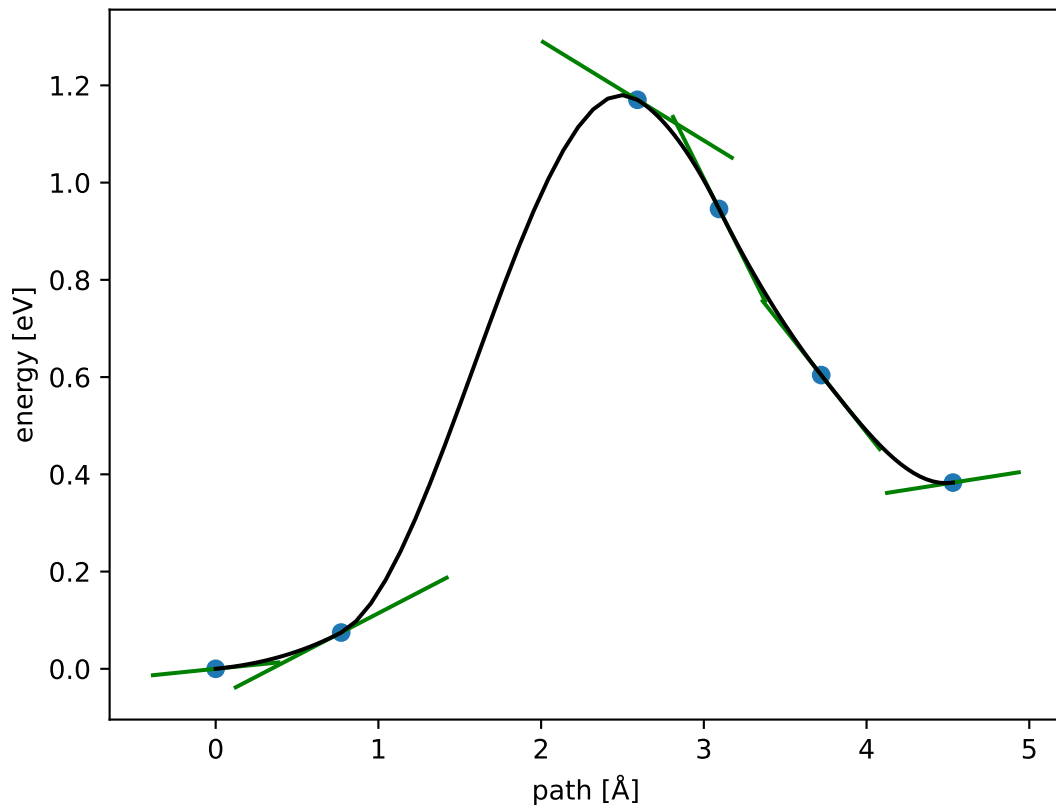
$$E_f \approx 1.175 \text{ eV}; E_r \approx 0.792 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



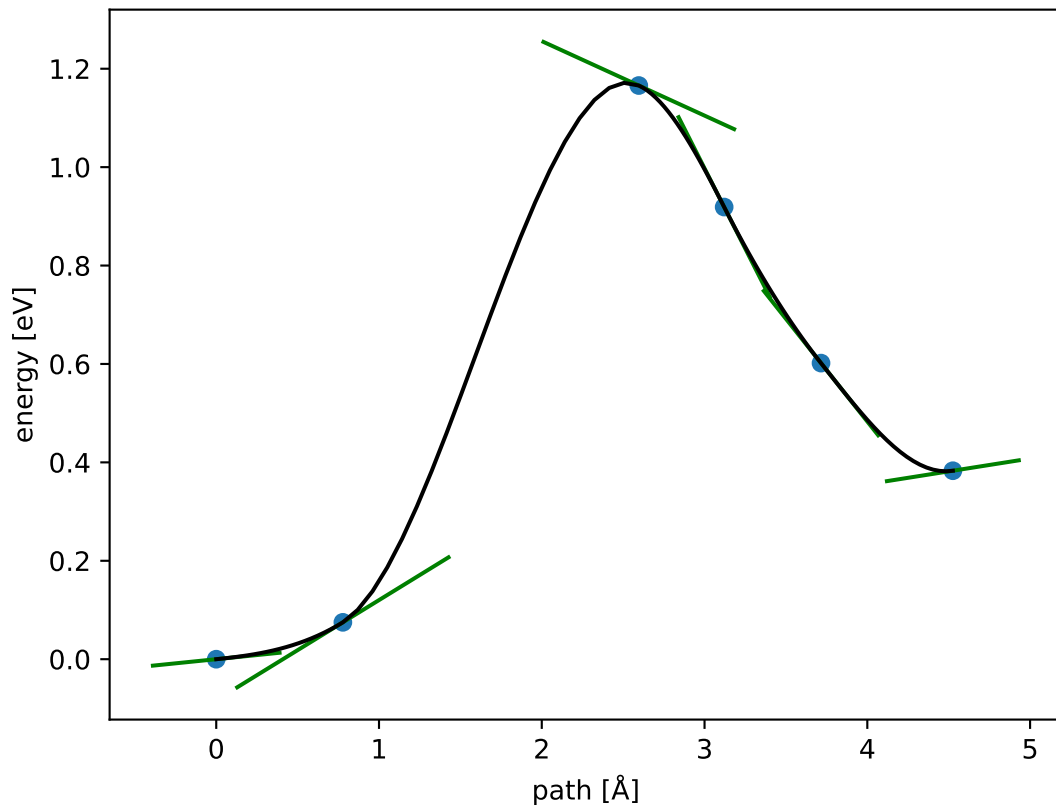
$$E_f \approx 1.173 \text{ eV}; E_r \approx 0.790 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



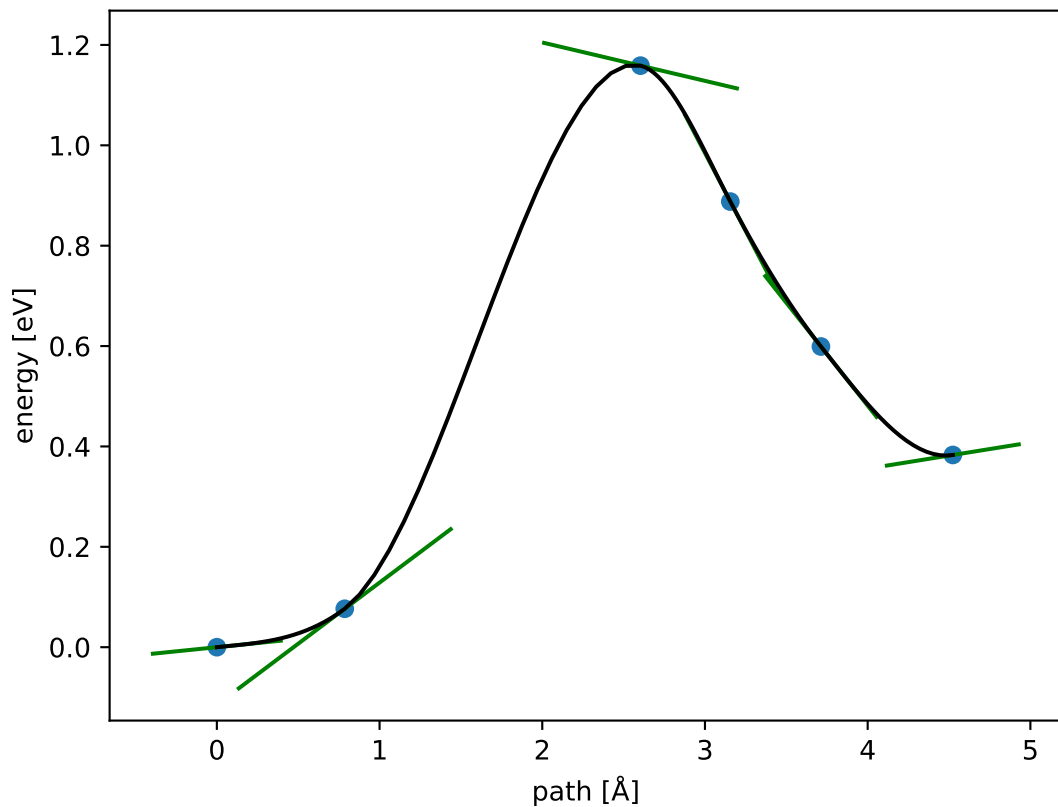
$$E_f \approx 1.170 \text{ eV}; E_r \approx 0.787 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



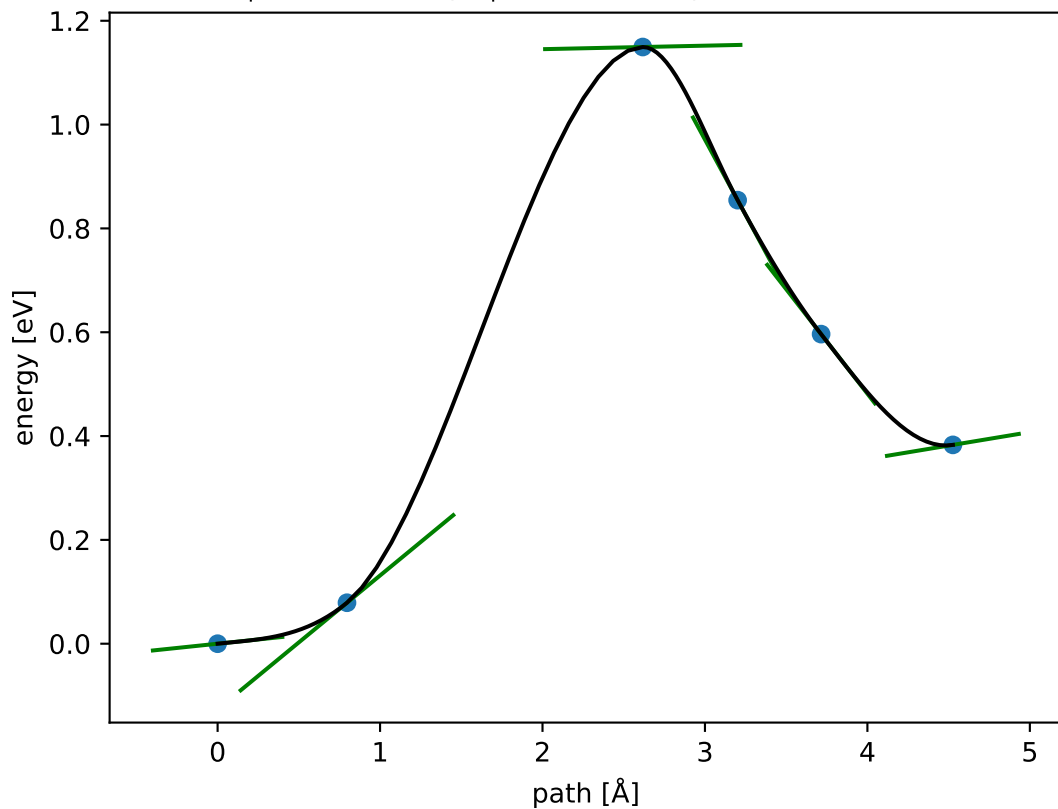
$$E_f \approx 1.166 \text{ eV}; E_r \approx 0.783 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



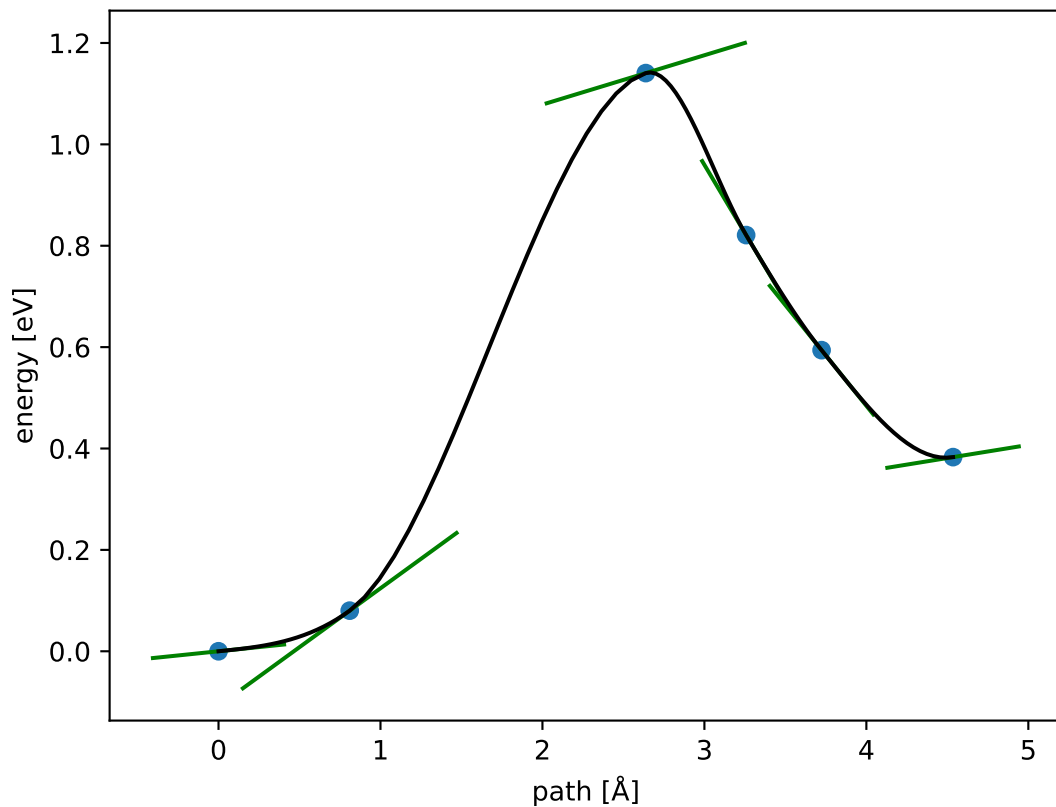
$$E_f \approx 1.159 \text{ eV}; E_r \approx 0.776 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



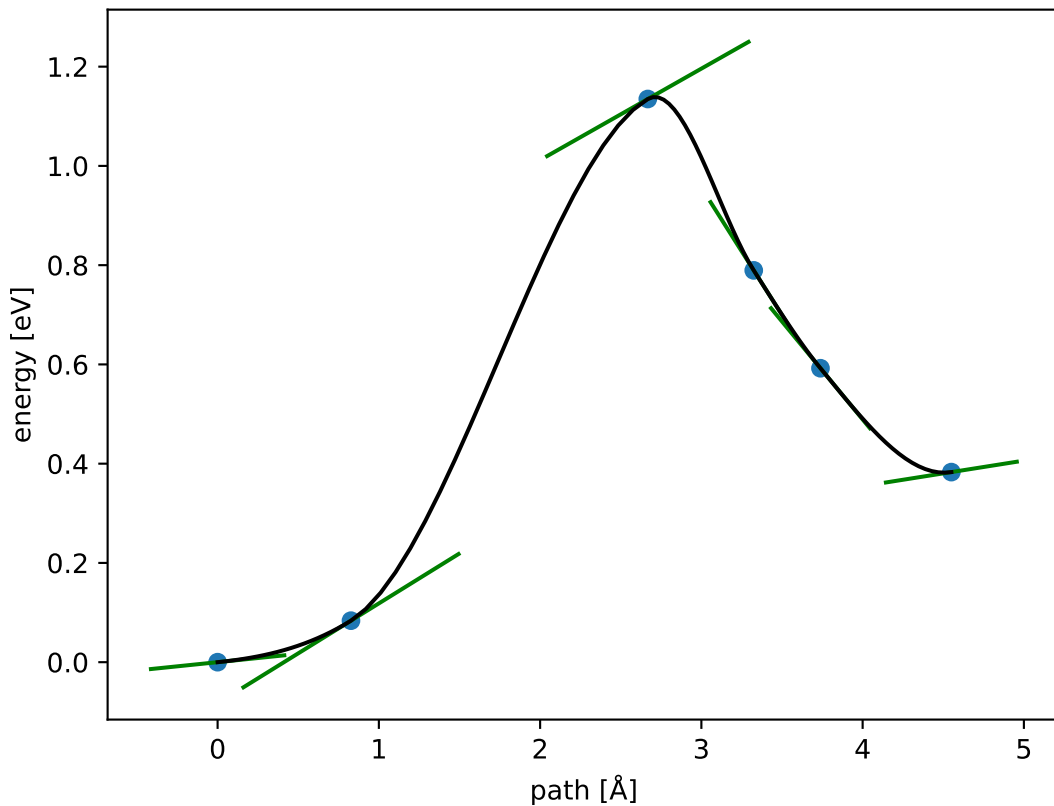
$$E_f \approx 1.149 \text{ eV}; E_r \approx 0.766 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



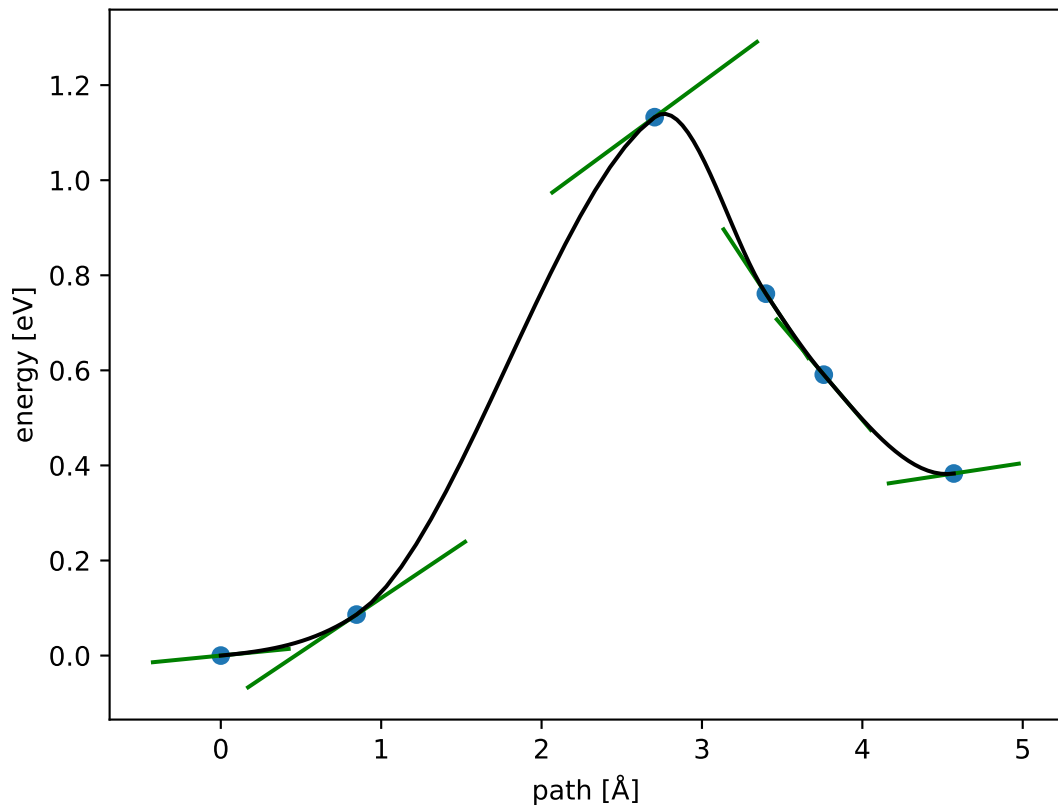
$$E_f \approx 1.141 \text{ eV}; E_r \approx 0.758 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



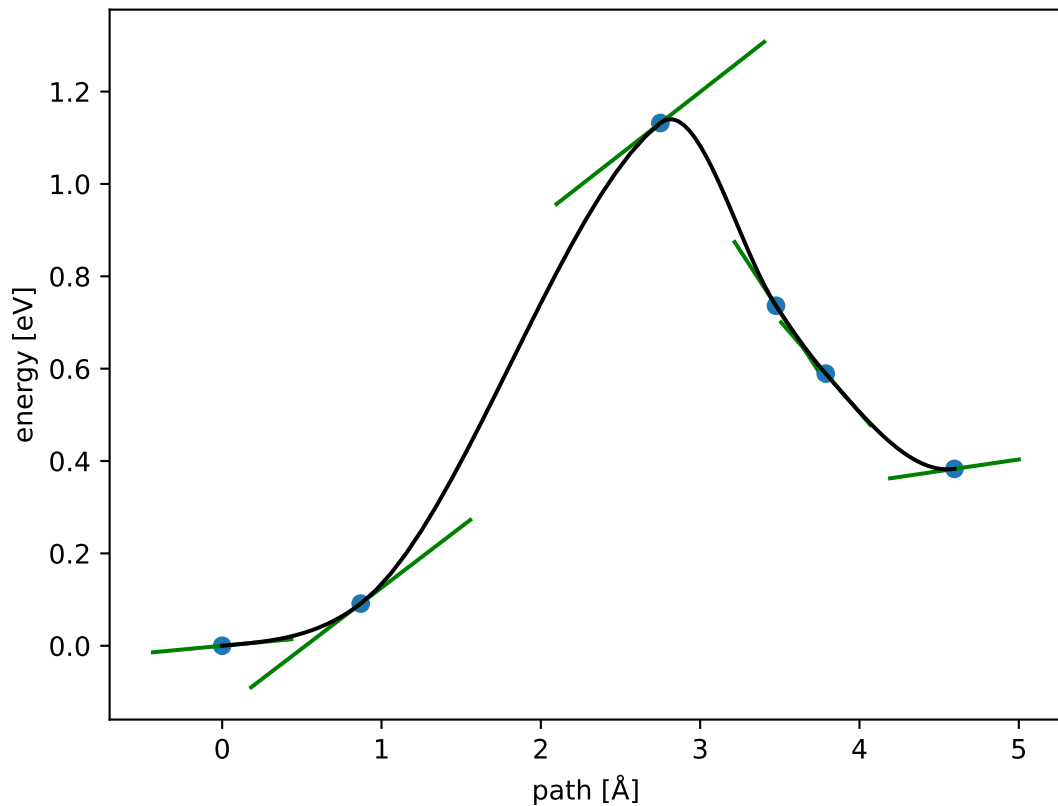
$$E_f \approx 1.135 \text{ eV}; E_r \approx 0.752 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



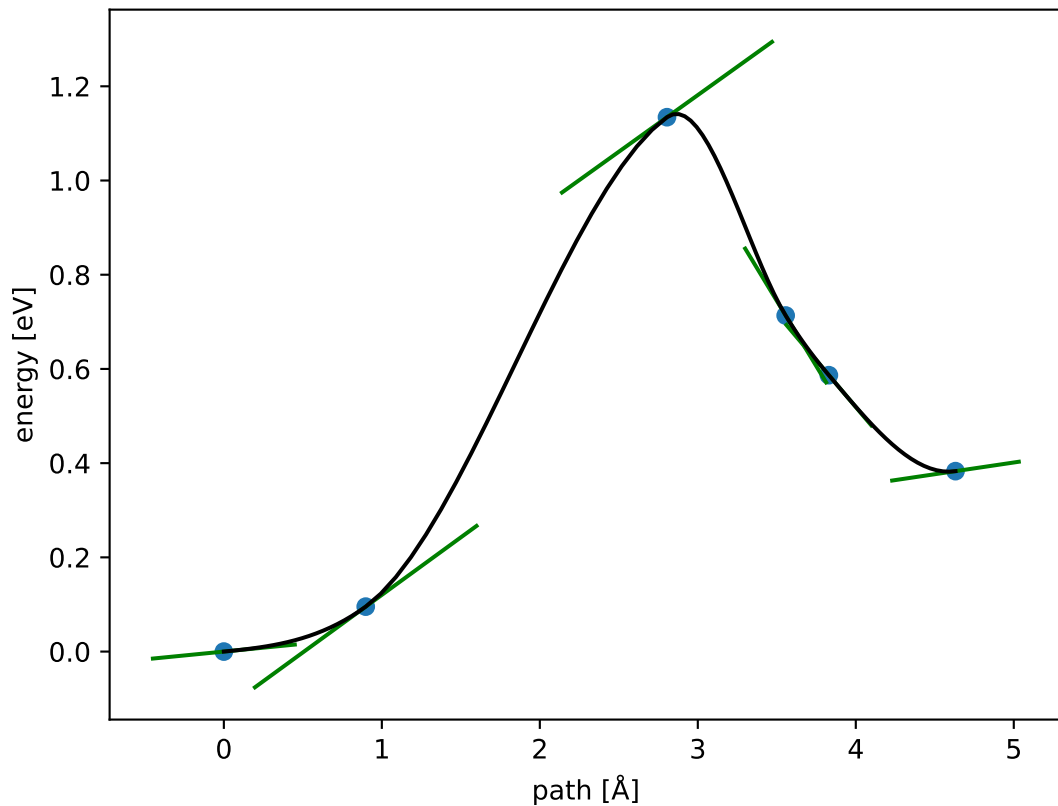
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



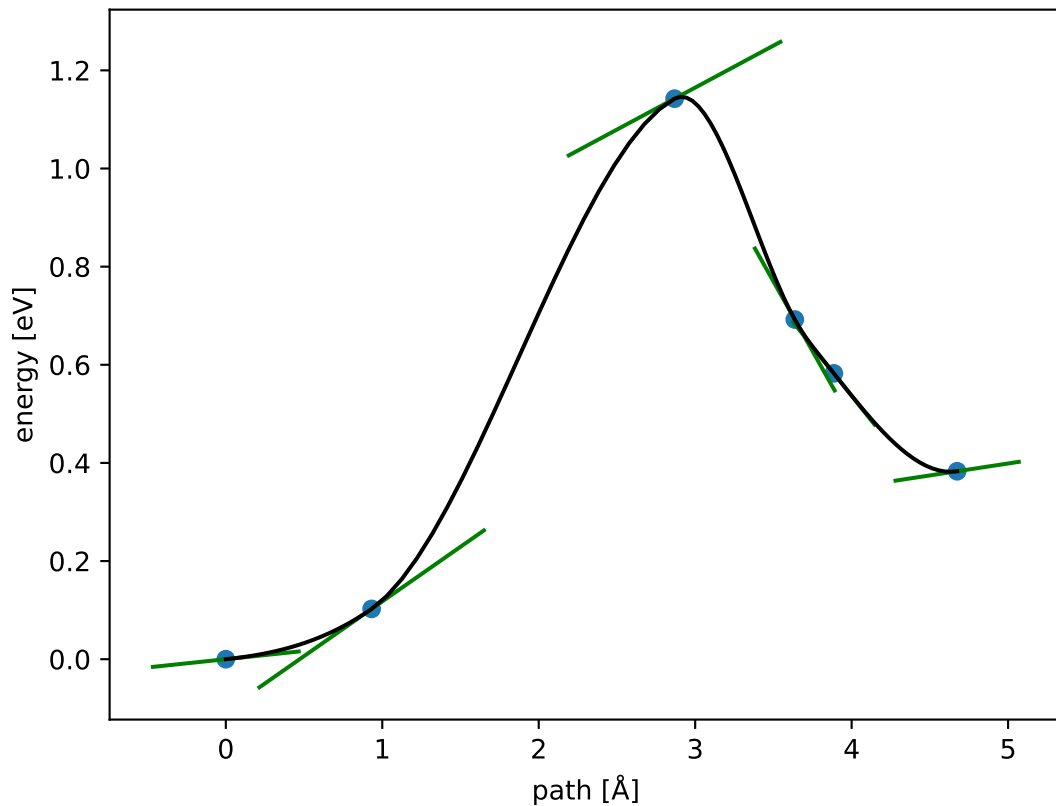
$$E_f \approx 1.132 \text{ eV}; E_r \approx 0.749 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



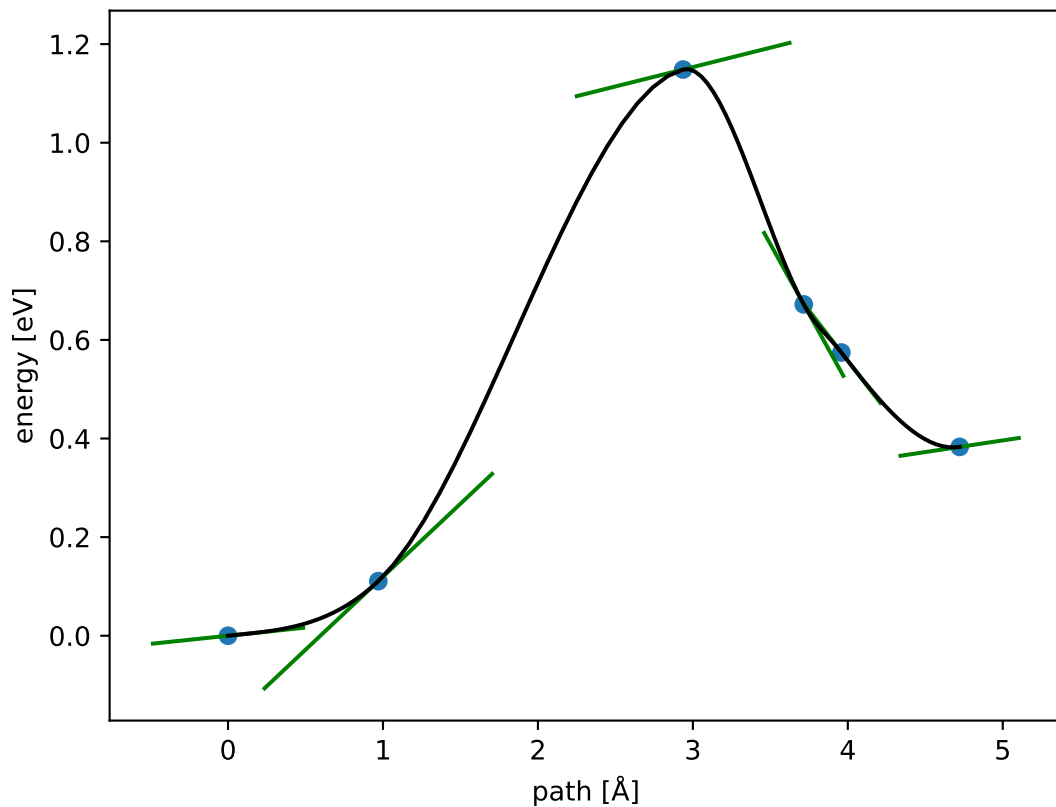
$$E_f \approx 1.134 \text{ eV}; E_r \approx 0.751 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



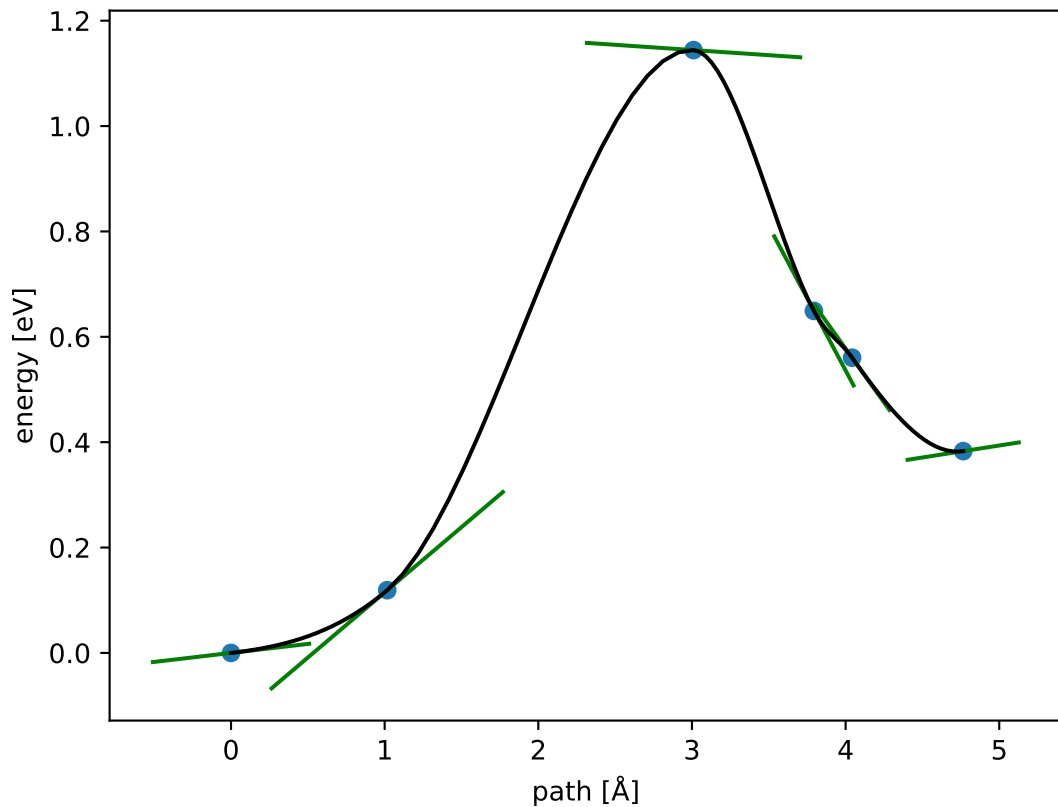
$$E_f \approx 1.142 \text{ eV}; E_r \approx 0.759 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



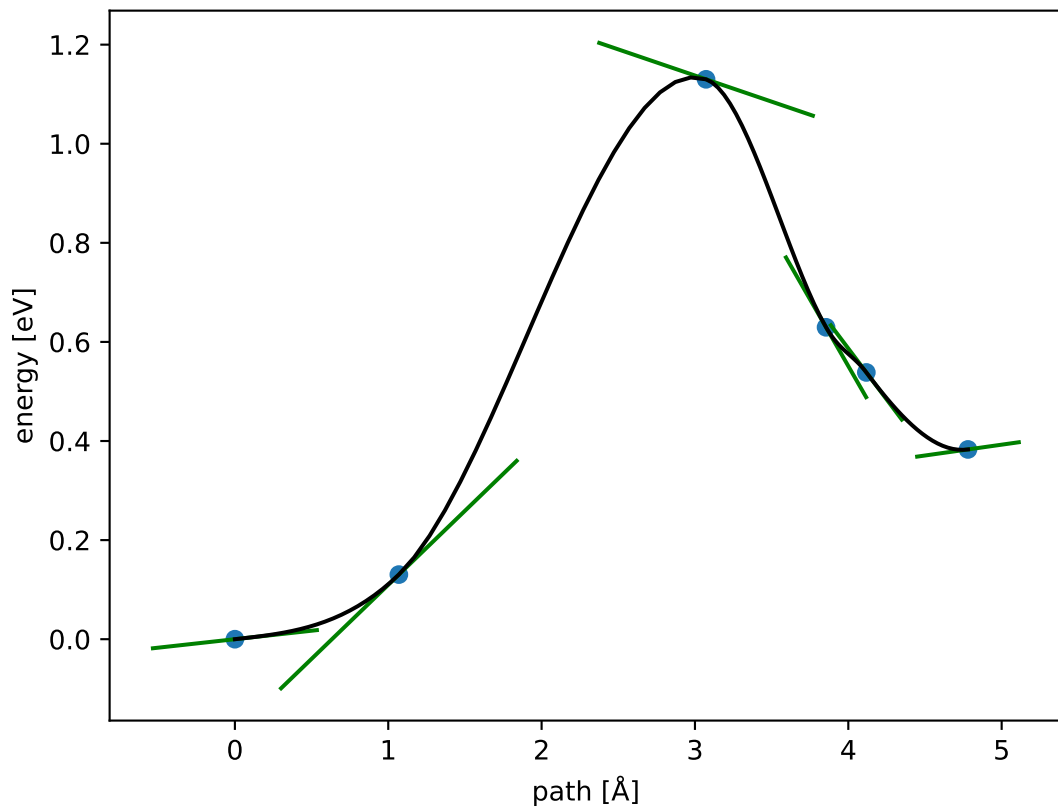
$$E_f \approx 1.148 \text{ eV}; E_r \approx 0.765 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



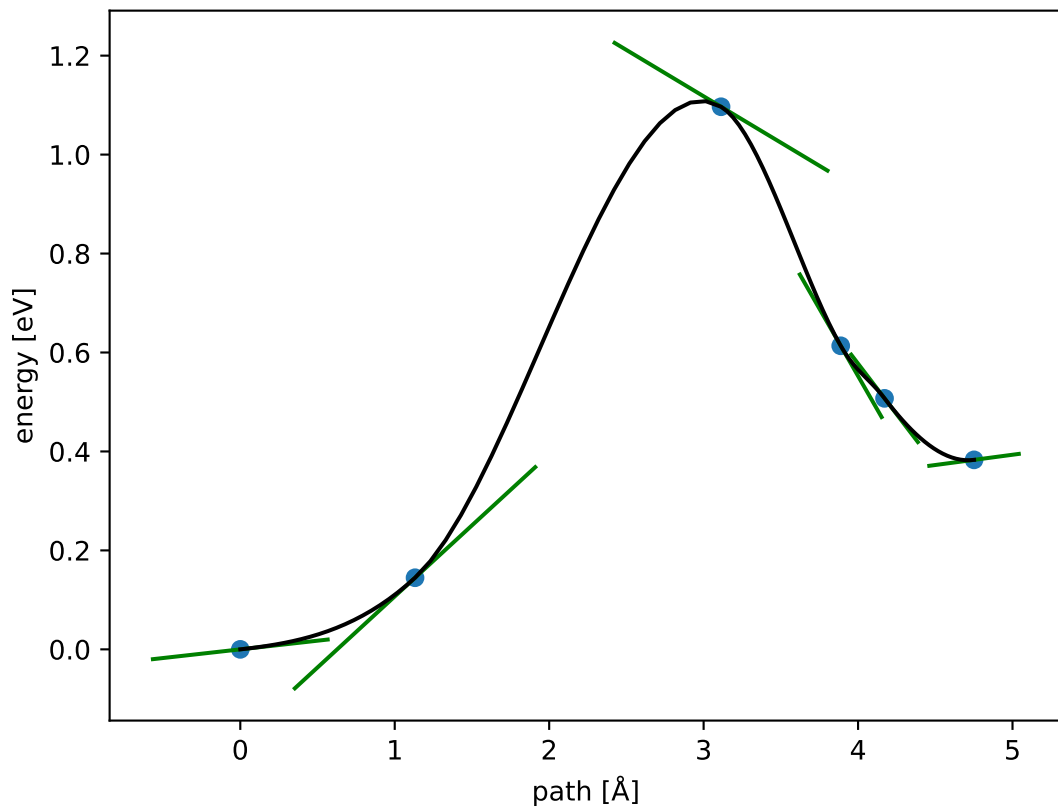
$$E_f \approx 1.144 \text{ eV}; E_r \approx 0.761 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



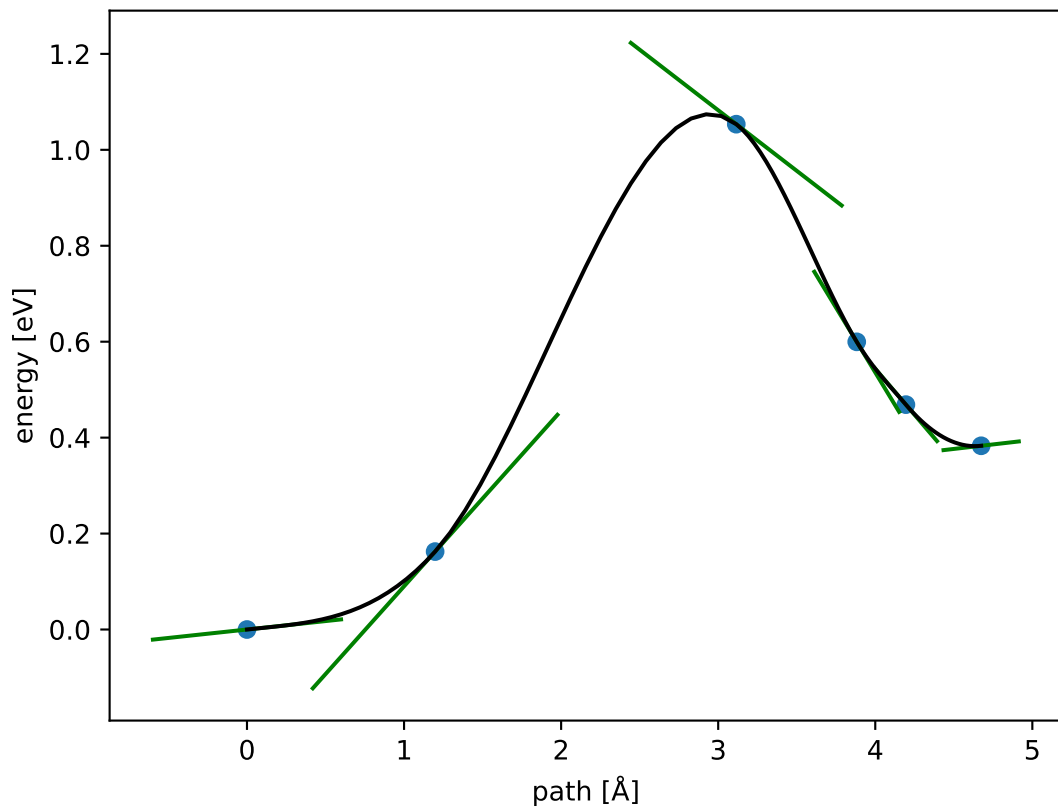
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



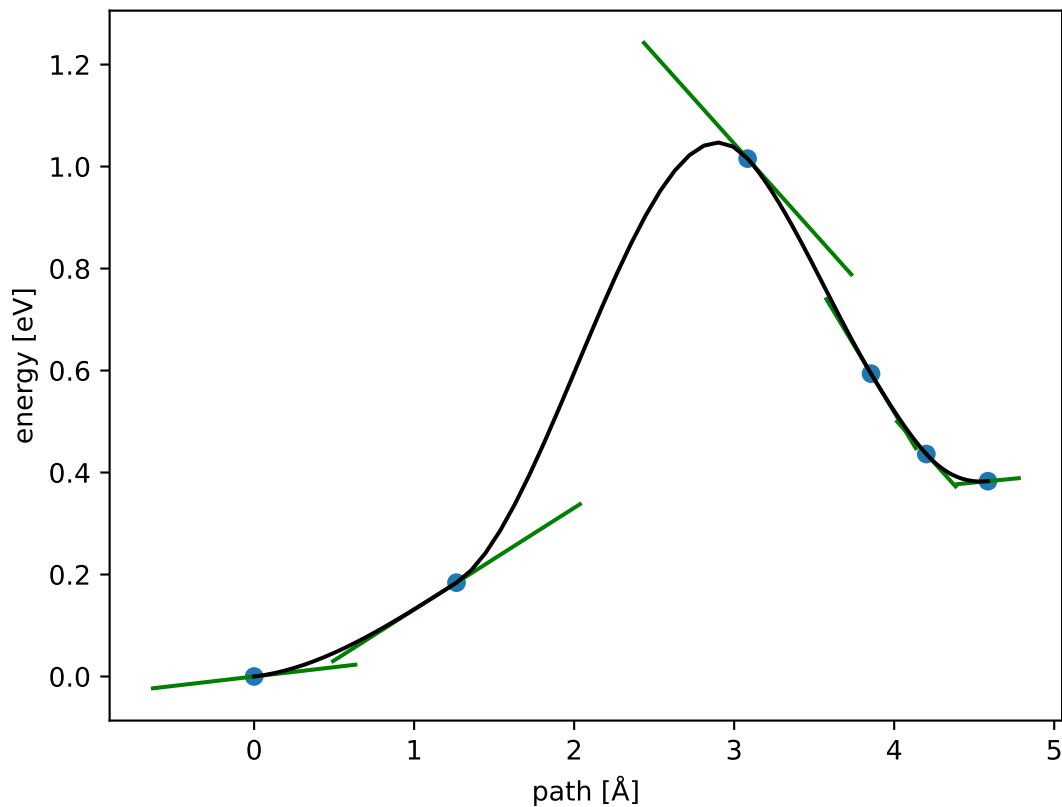
$$E_f \approx 1.097 \text{ eV}; E_r \approx 0.714 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



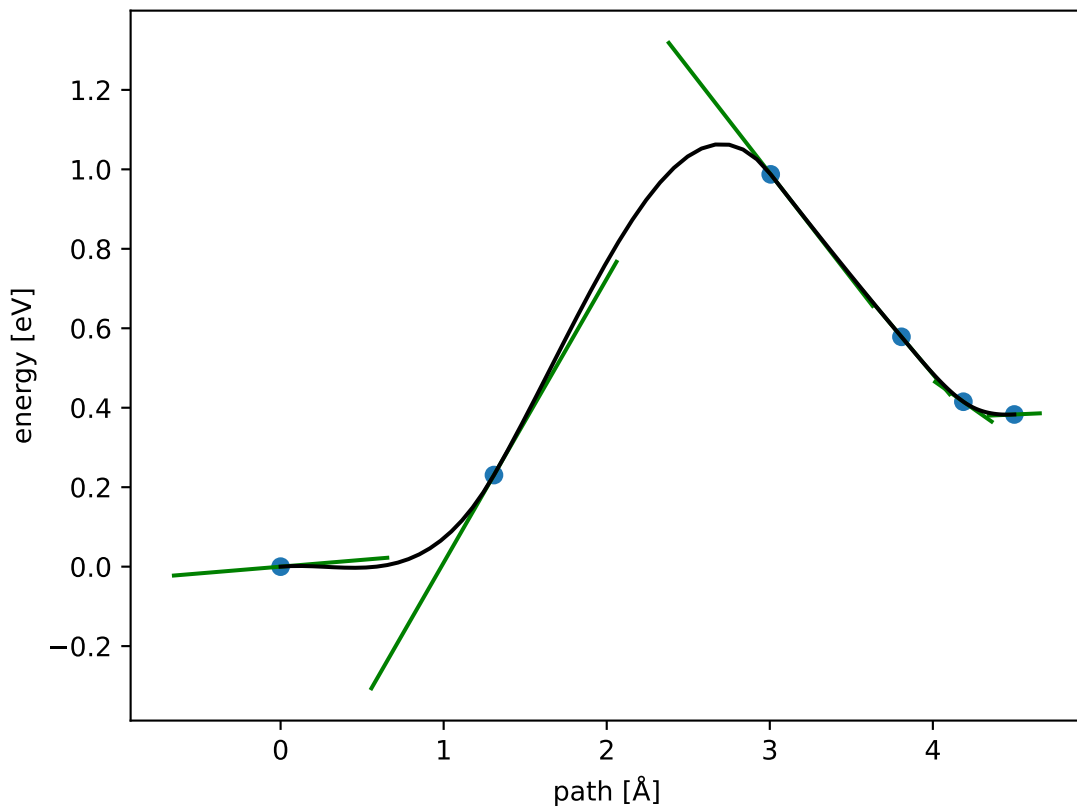
$$E_f \approx 1.053 \text{ eV}; E_r \approx 0.670 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



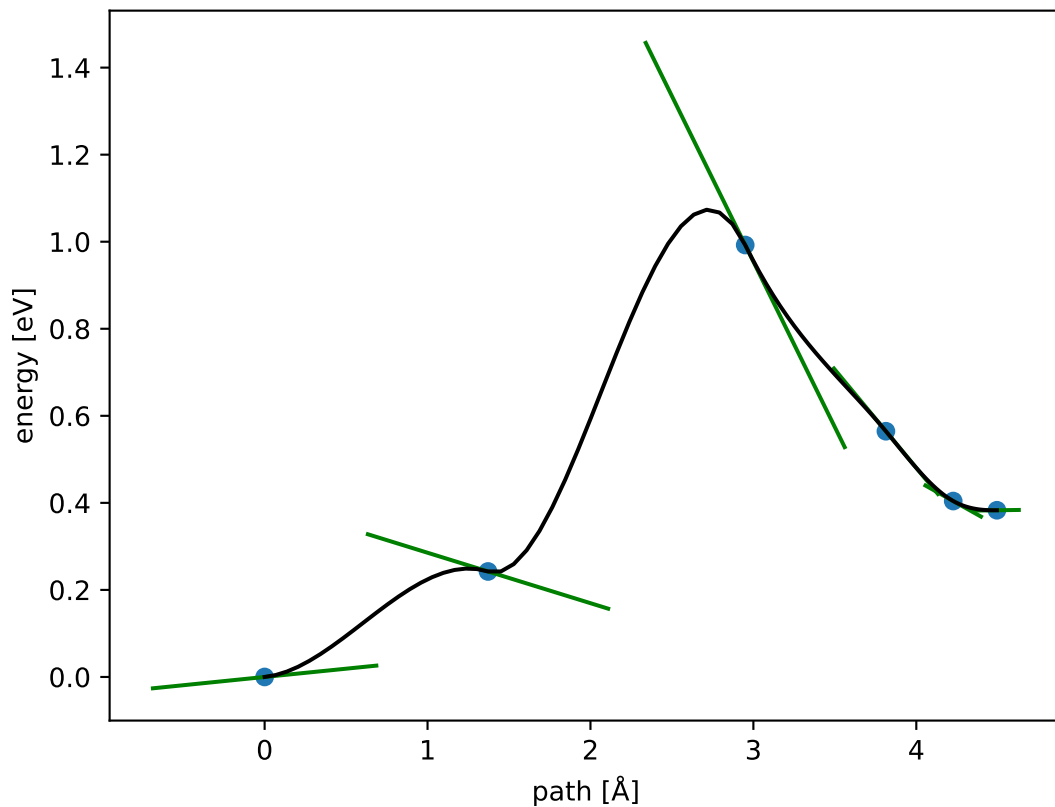
$$E_f \approx 1.016 \text{ eV}; E_r \approx 0.633 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



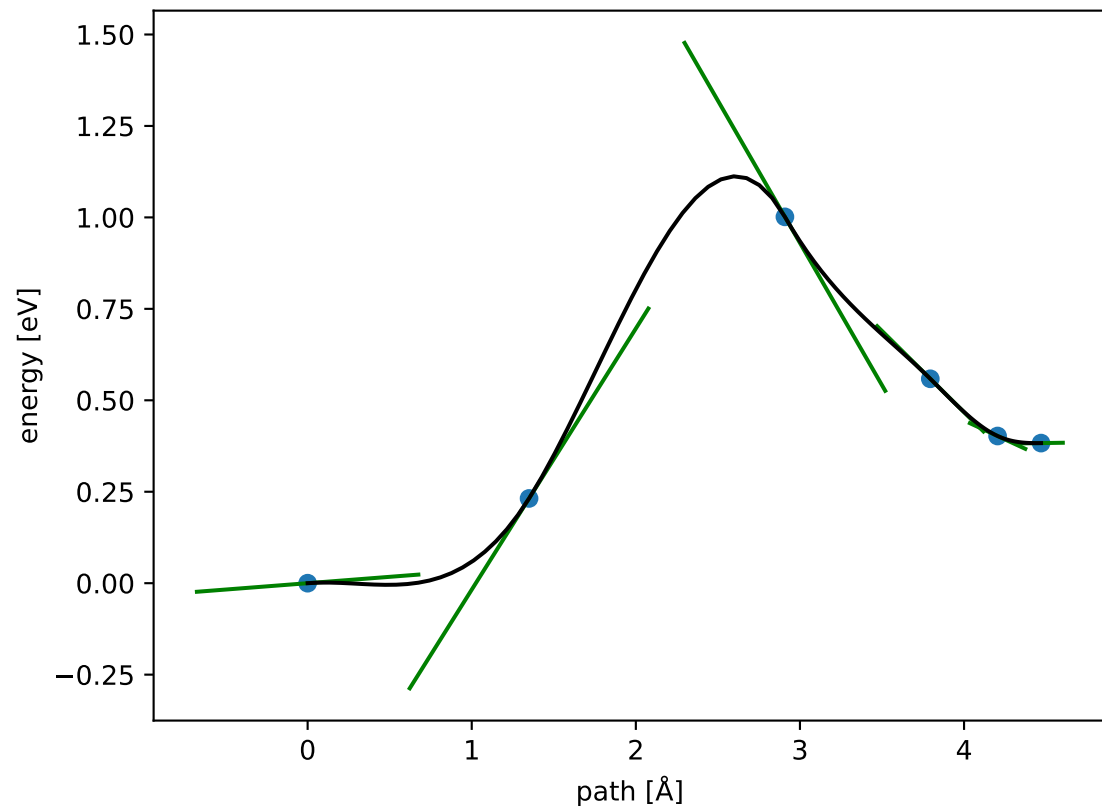
$$E_f \approx 0.987 \text{ eV}; E_r \approx 0.604 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



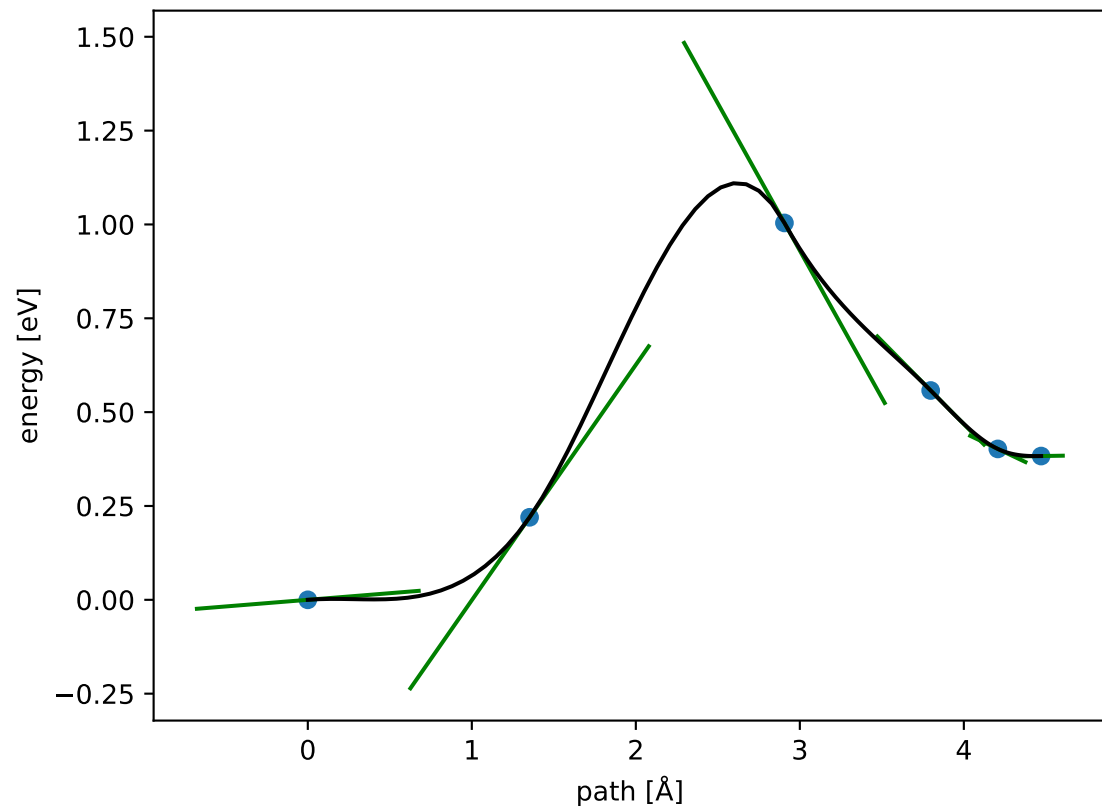
$$E_f \approx 0.992 \text{ eV}; E_r \approx 0.609 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



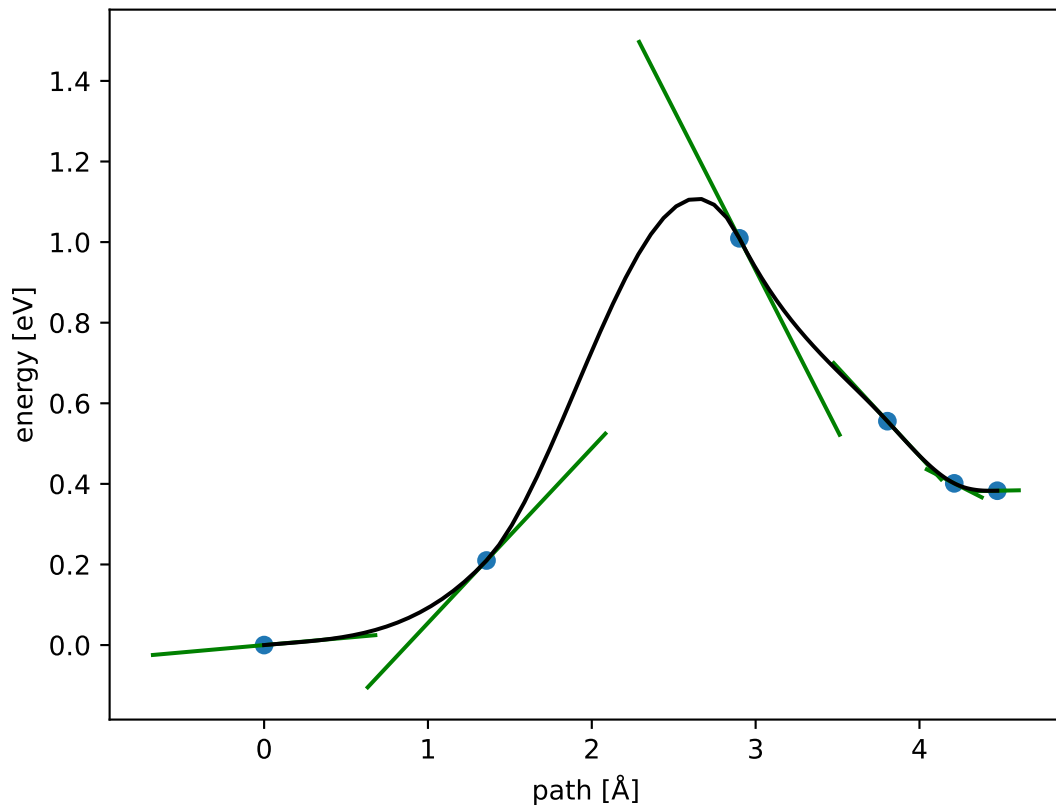
$$E_f \approx 1.001 \text{ eV}; E_r \approx 0.618 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



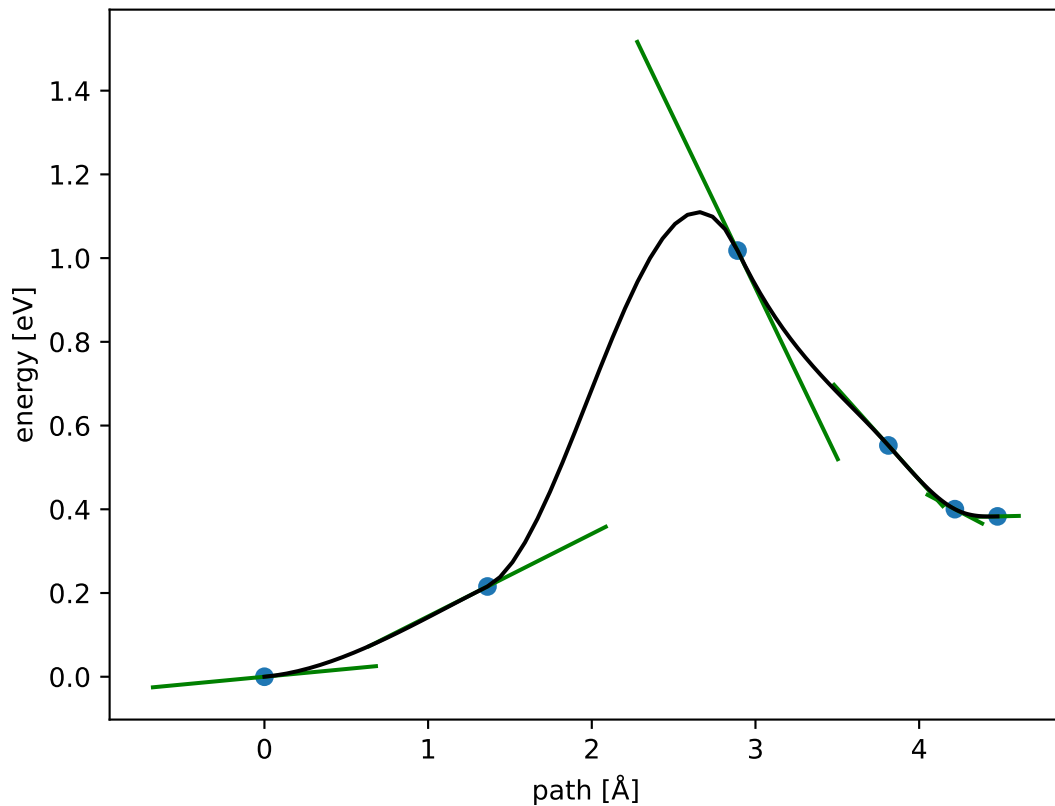
$$E_f \approx 1.004 \text{ eV}; E_r \approx 0.621 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



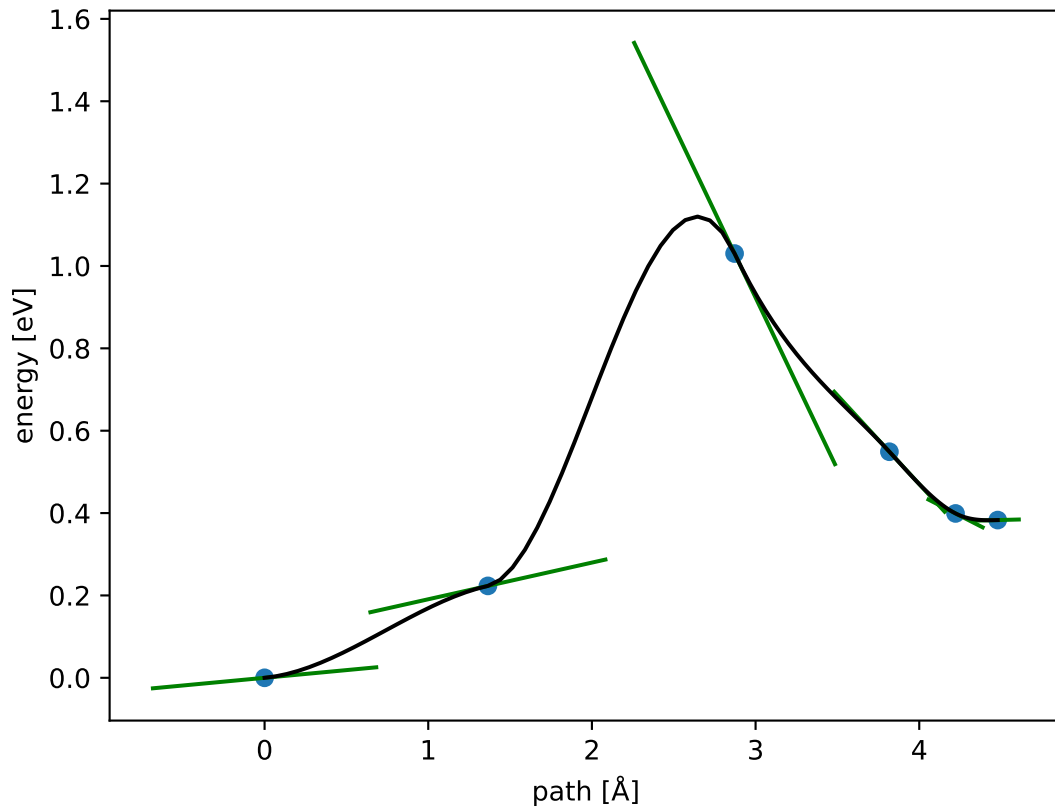
$$E_f \approx 1.009 \text{ eV}; E_r \approx 0.626 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



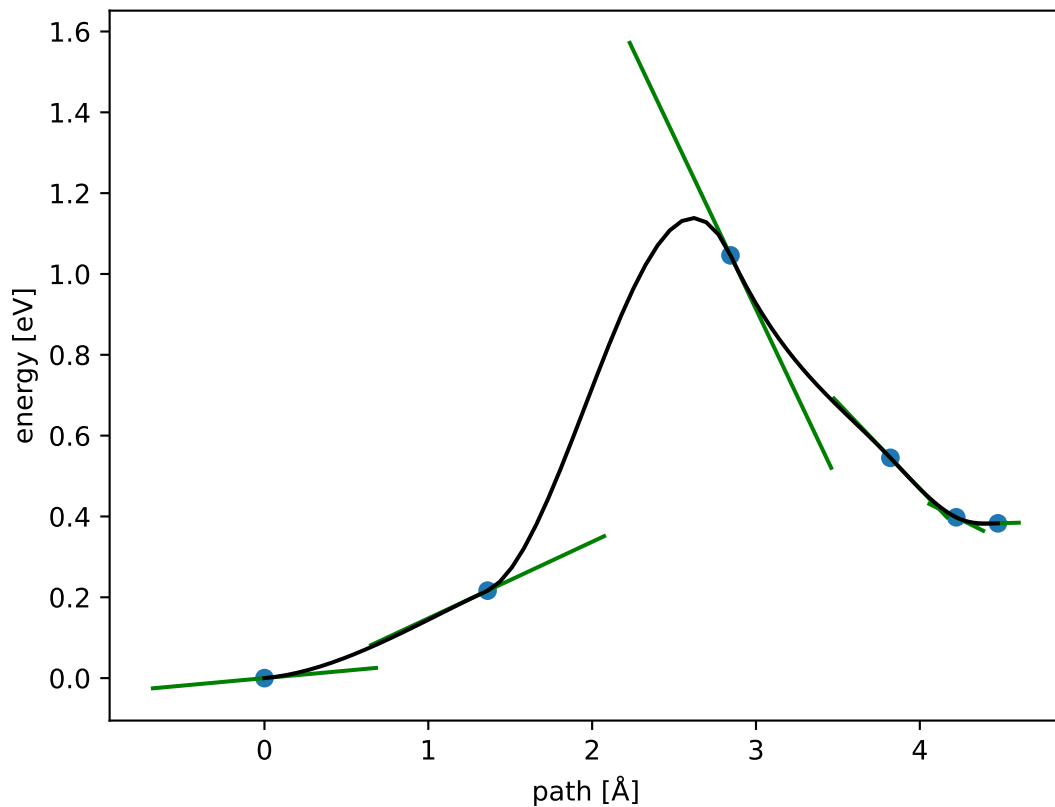
$$E_f \approx 1.018 \text{ eV}; E_r \approx 0.635 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



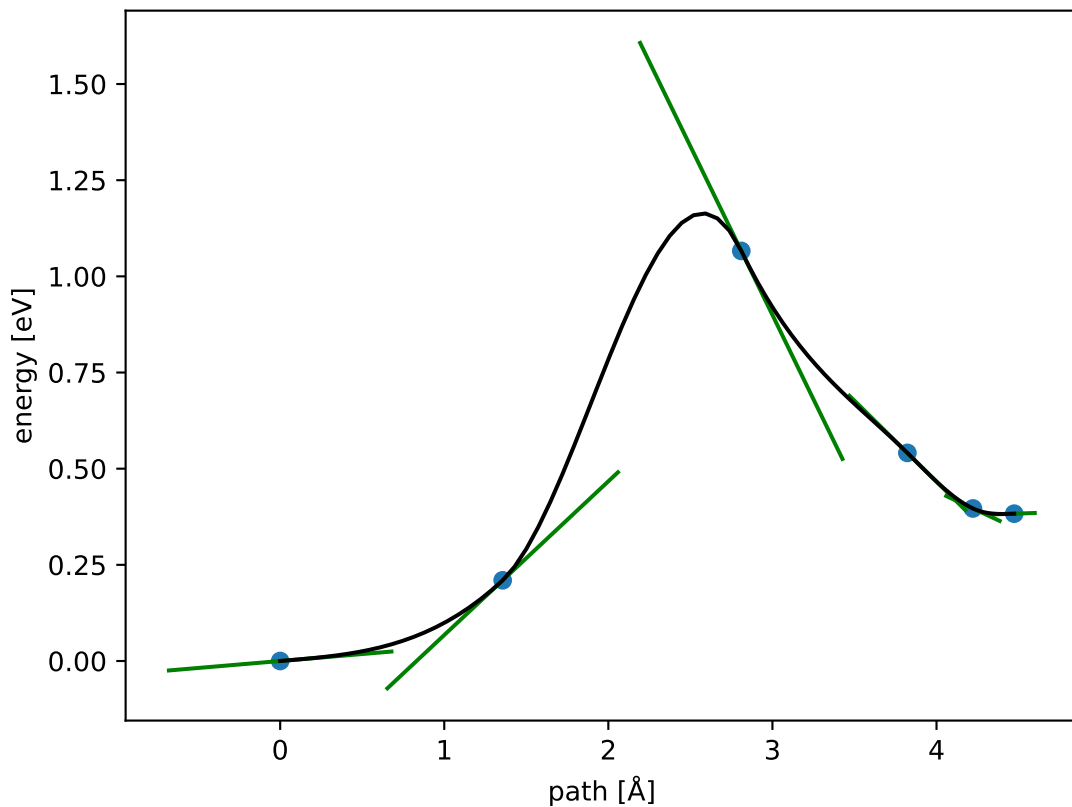
$$E_f \approx 1.030 \text{ eV}; E_r \approx 0.647 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



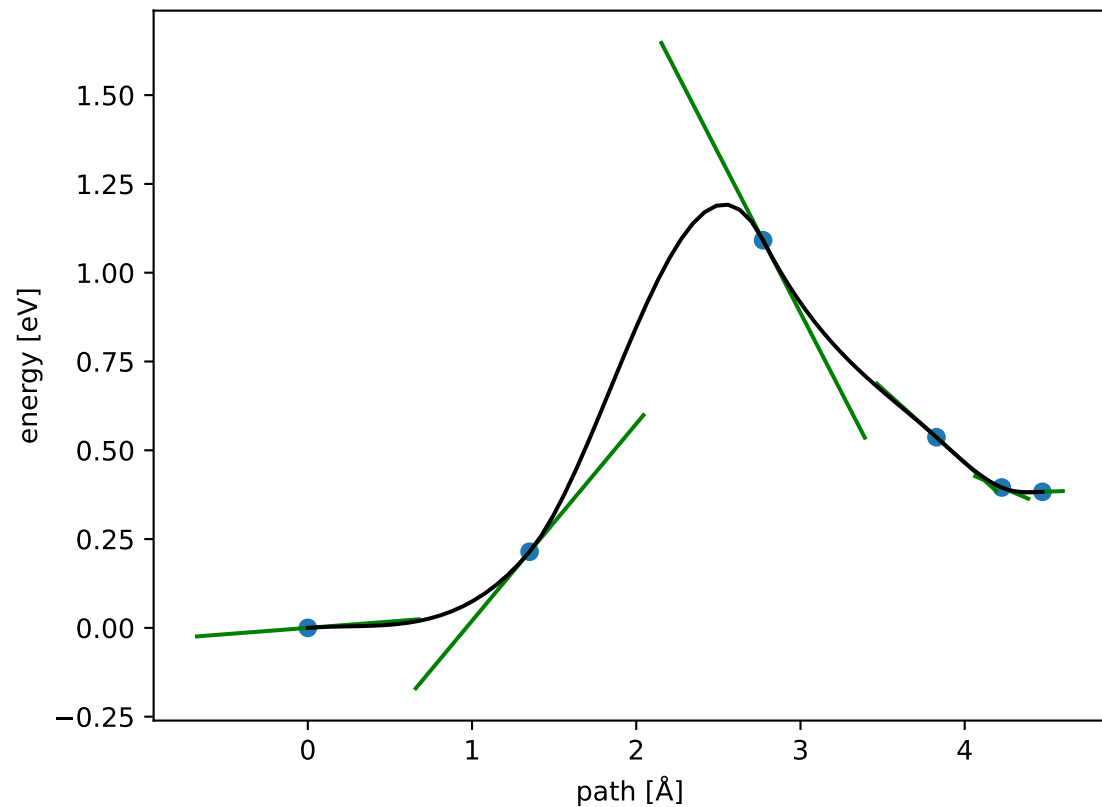
$$E_f \approx 1.046 \text{ eV}; E_r \approx 0.663 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



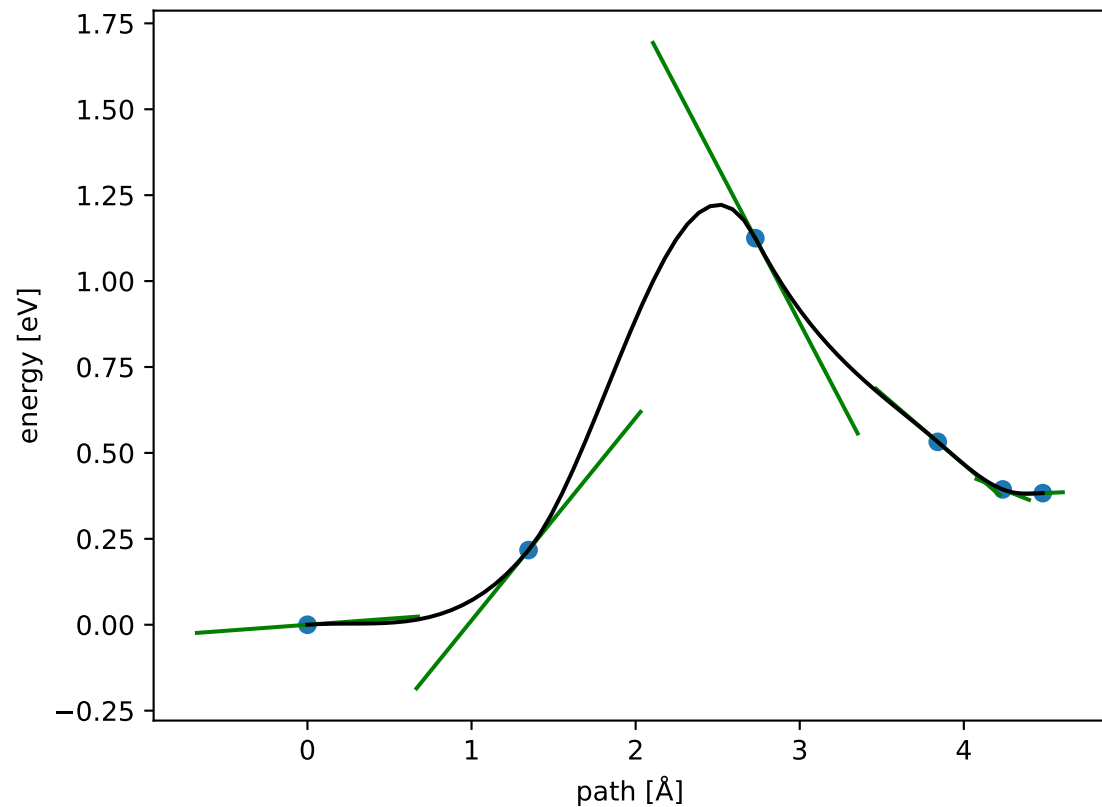
$$E_f \approx 1.066 \text{ eV}; E_r \approx 0.683 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



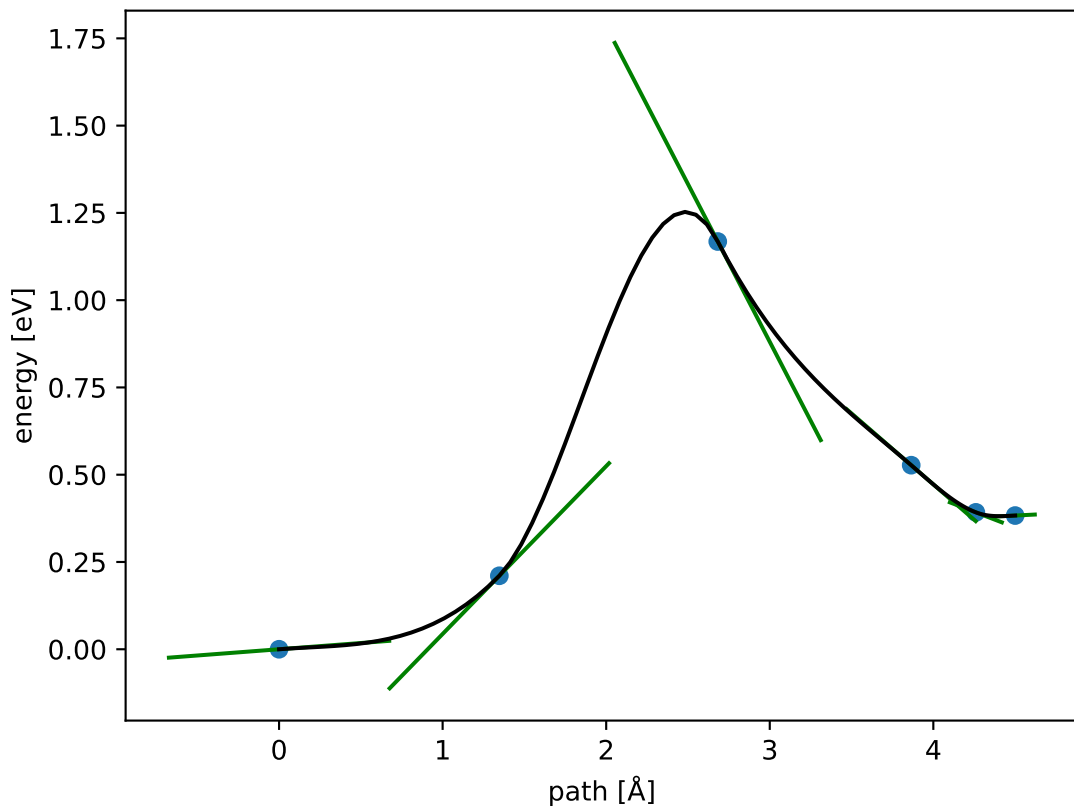
$$E_f \approx 1.091 \text{ eV}; E_r \approx 0.708 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



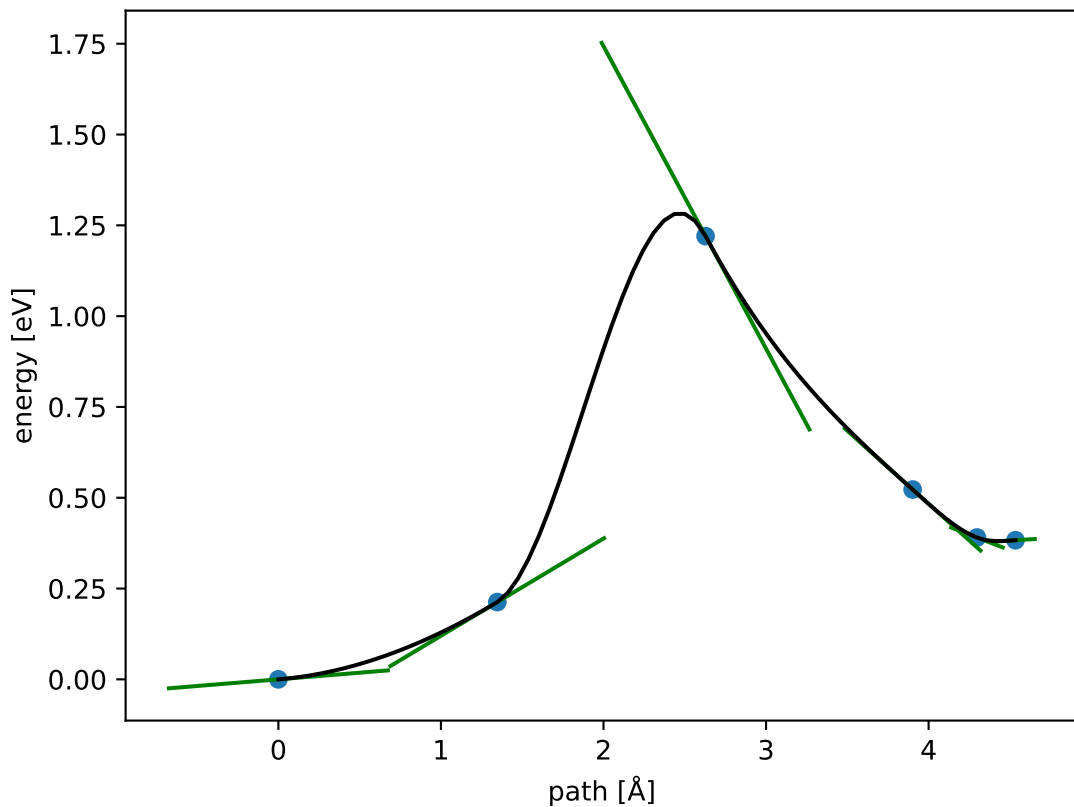
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



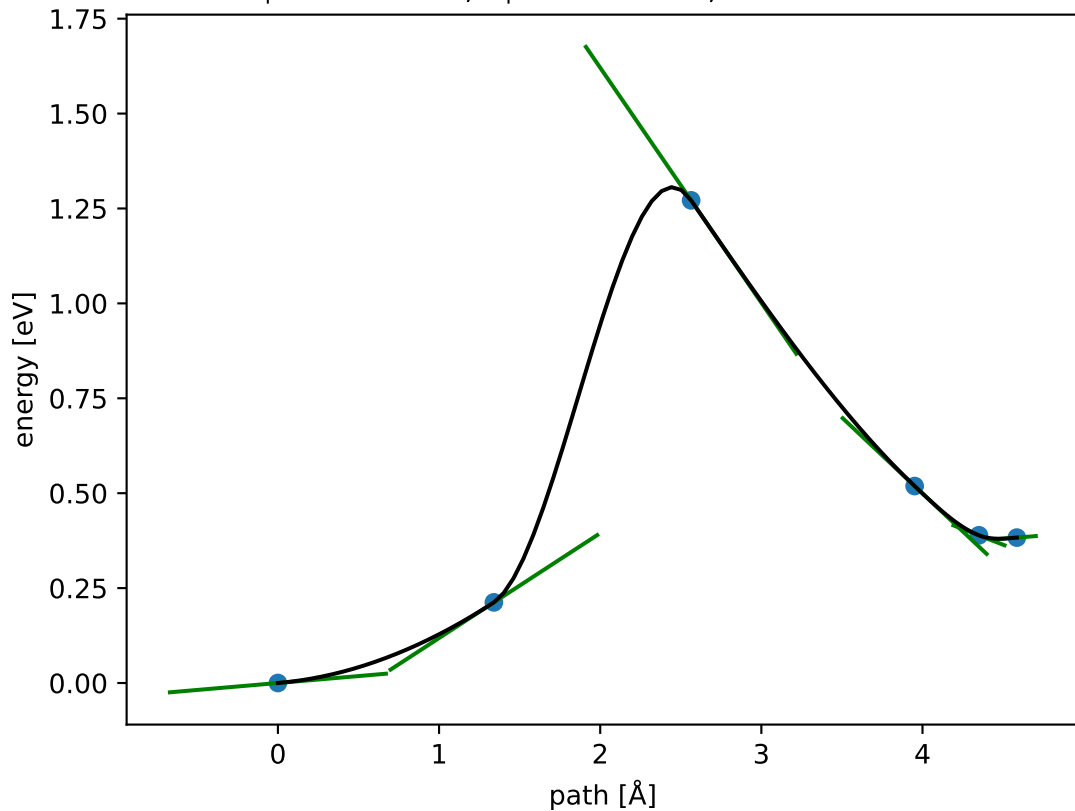
$$E_f \approx 1.168 \text{ eV}; E_r \approx 0.785 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



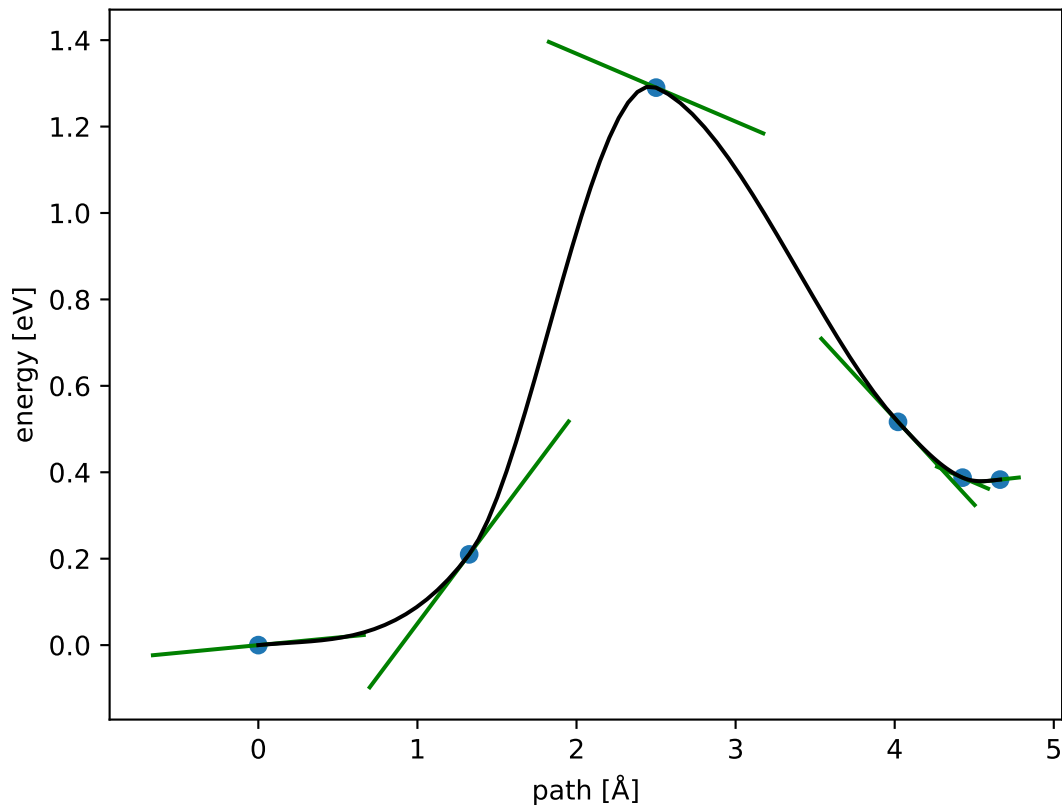
$$E_f \approx 1.220 \text{ eV}; E_r \approx 0.837 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



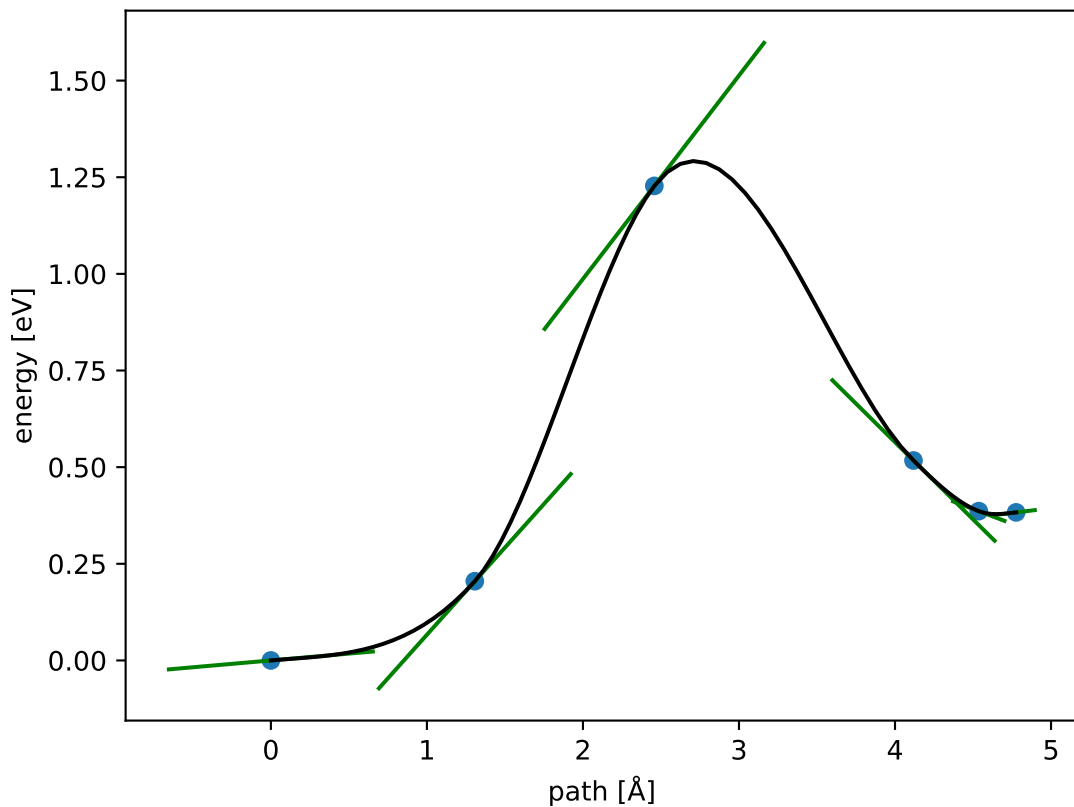
$$E_f \approx 1.271 \text{ eV}; E_r \approx 0.888 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



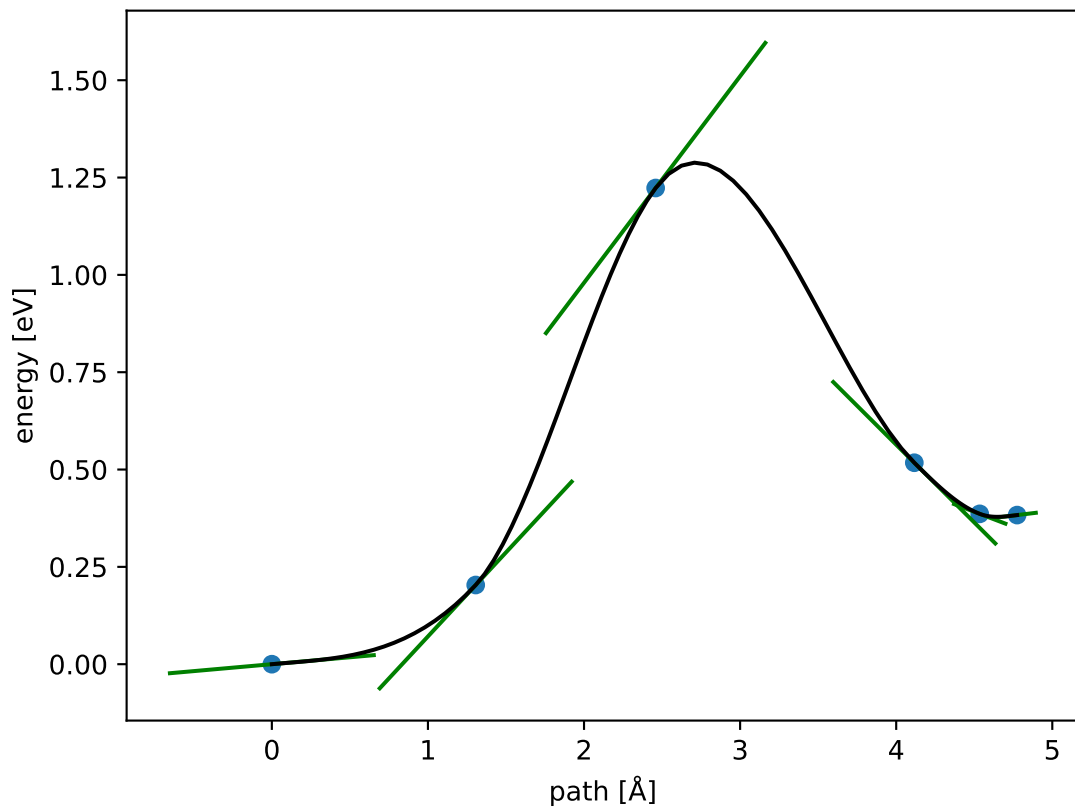
$$E_f \approx 1.290 \text{ eV}; E_r \approx 0.907 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



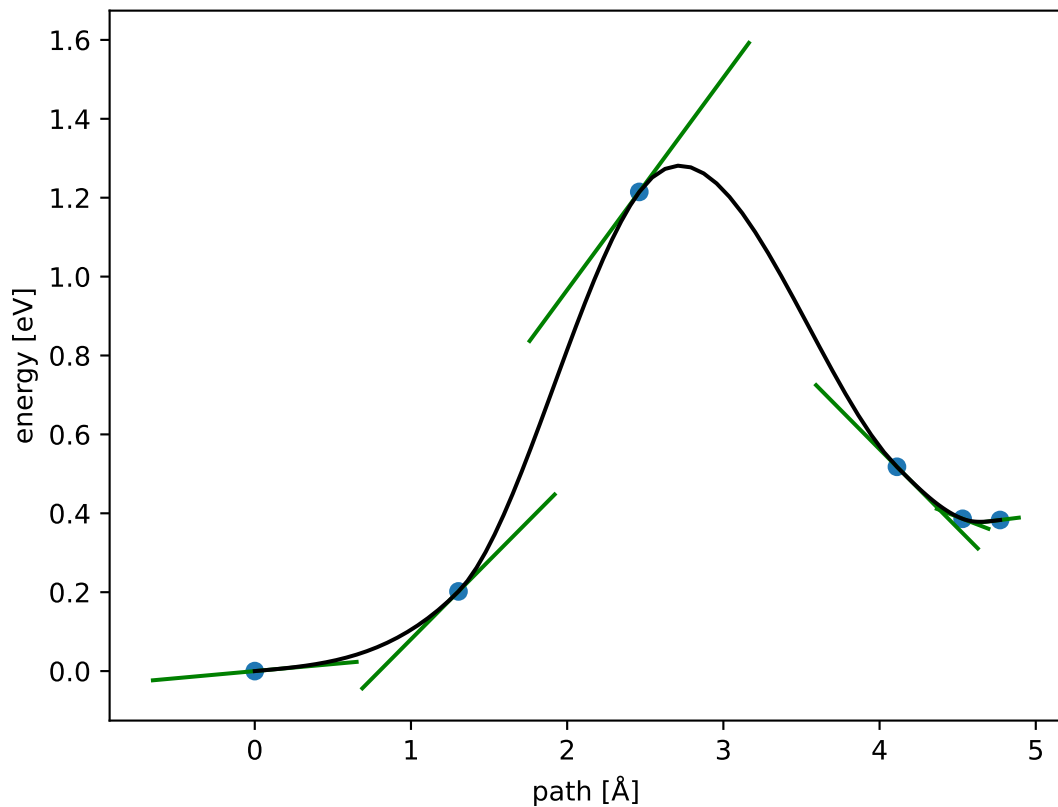
$$E_f \approx 1.228 \text{ eV}; E_r \approx 0.845 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



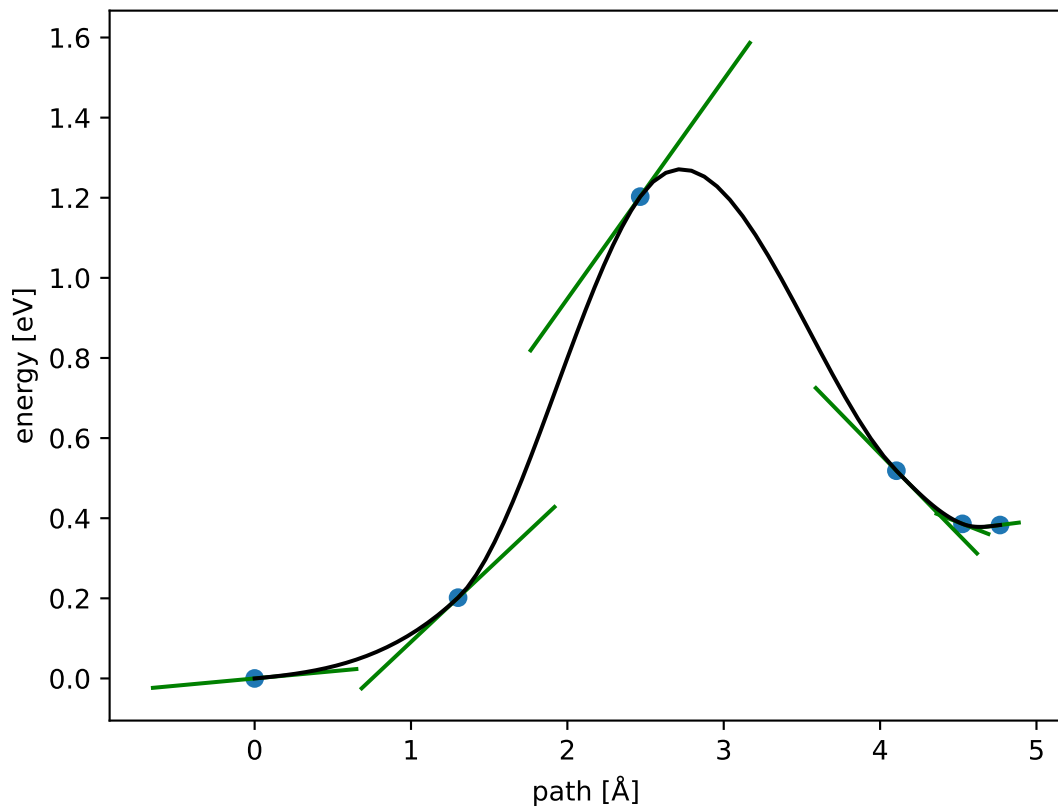
$$E_f \approx 1.223 \text{ eV}; E_r \approx 0.840 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



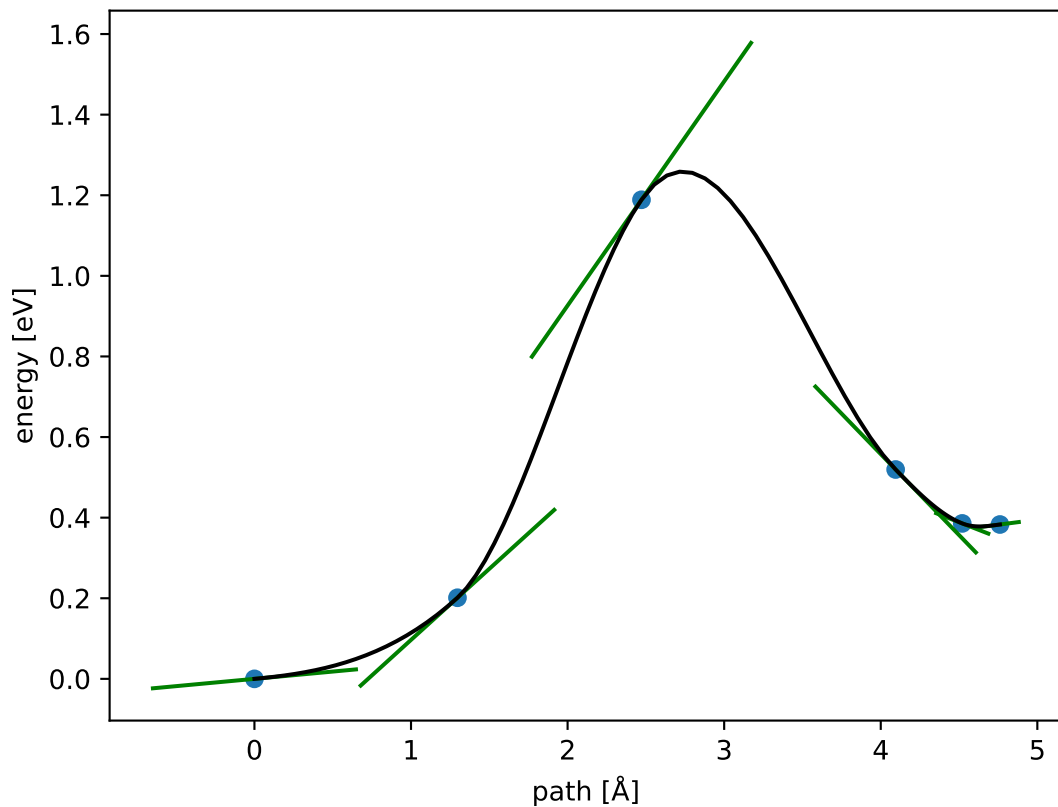
$$E_f \approx 1.215 \text{ eV}; E_r \approx 0.832 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



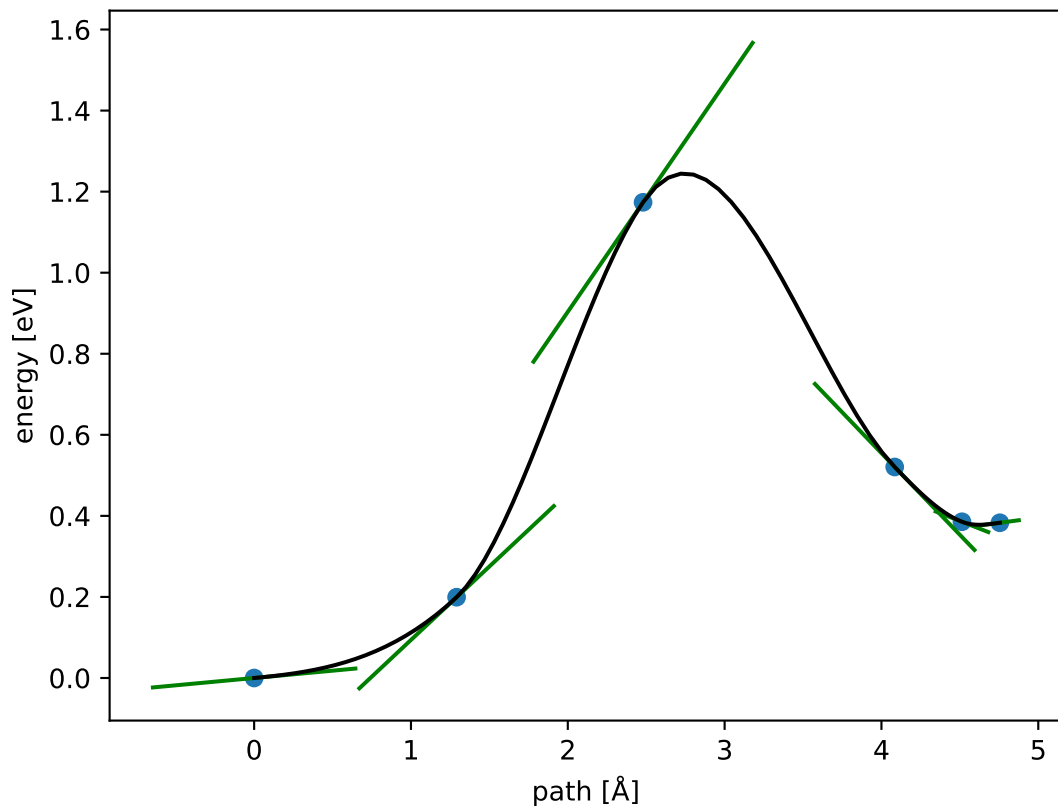
$$E_f \approx 1.203 \text{ eV}; E_r \approx 0.820 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



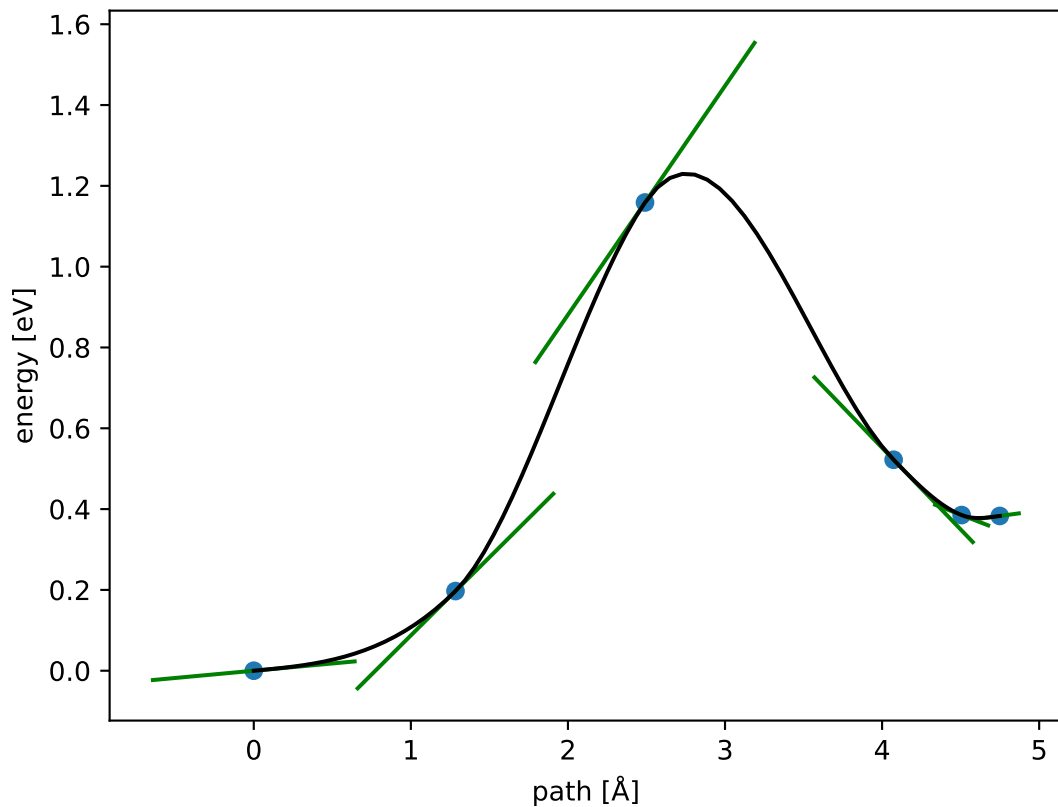
$$E_f \approx 1.189 \text{ eV}; E_r \approx 0.806 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



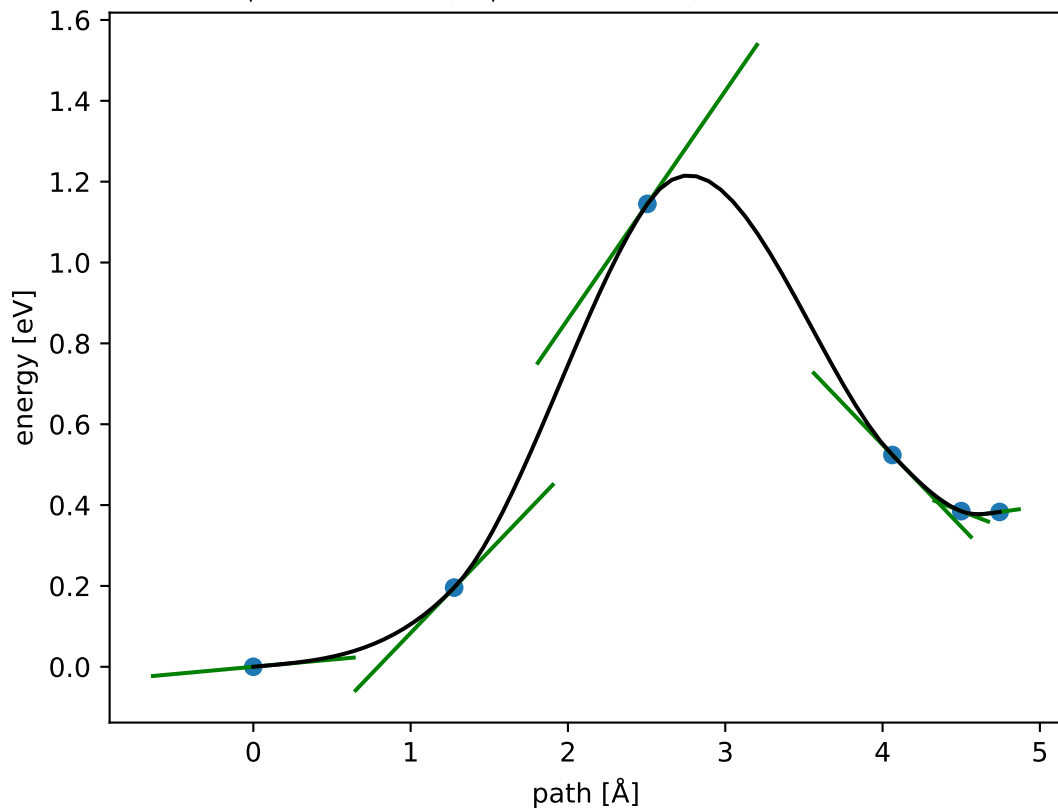
$$E_f \approx 1.174 \text{ eV}; E_r \approx 0.791 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



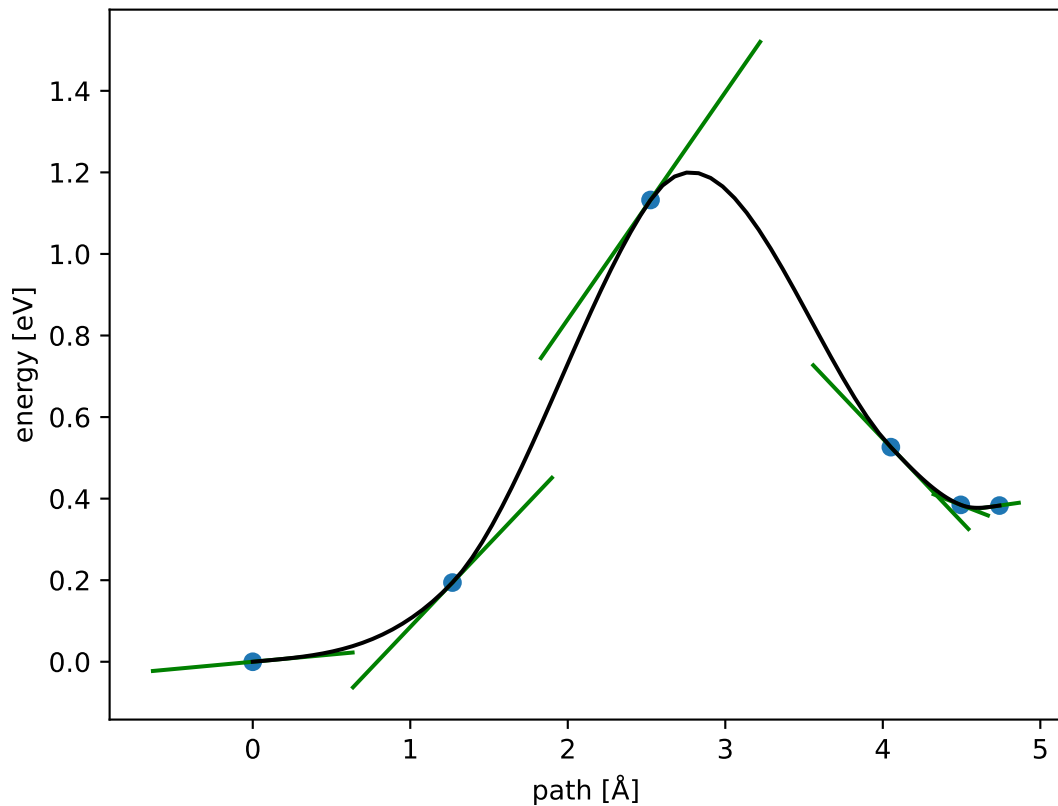
$$E_f \approx 1.159 \text{ eV}; E_r \approx 0.776 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



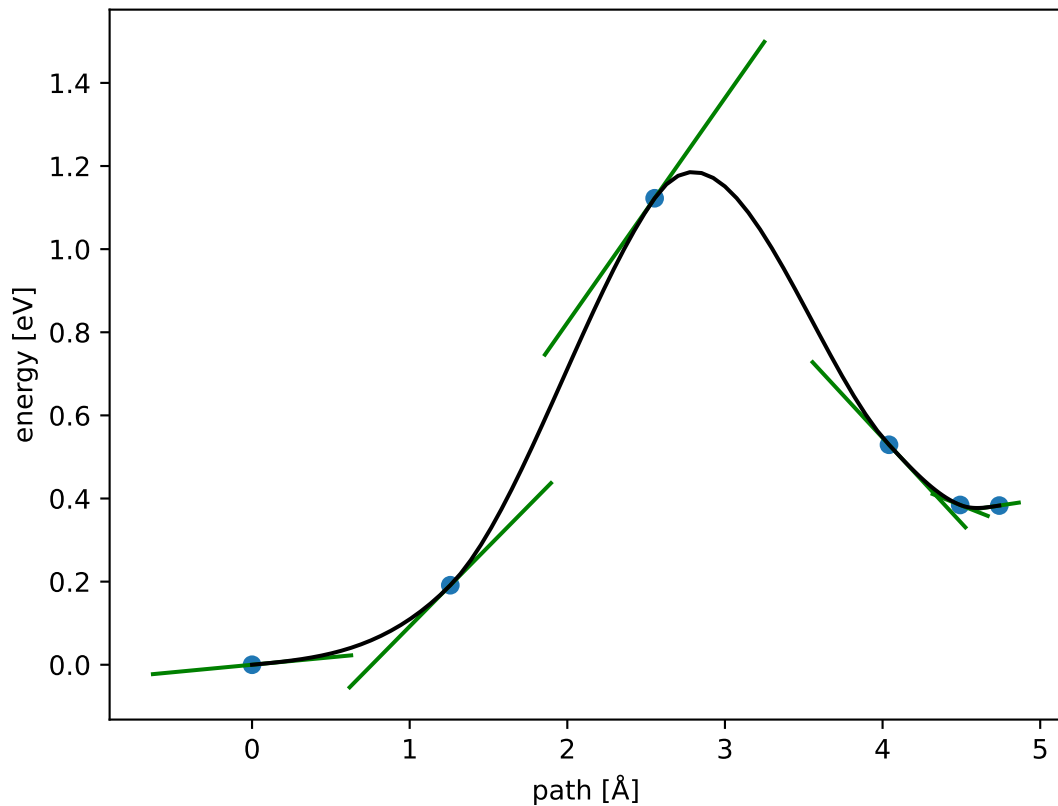
$$E_f \approx 1.145 \text{ eV}; E_r \approx 0.762 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



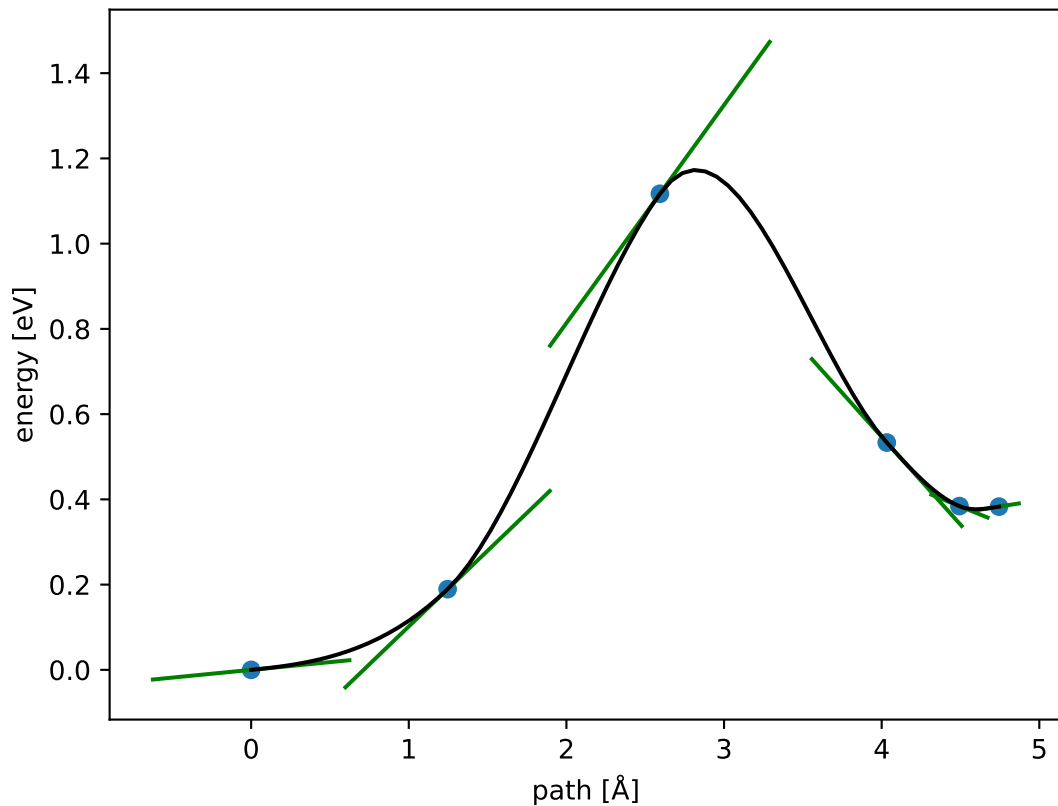
$$E_f \approx 1.132 \text{ eV}; E_r \approx 0.749 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



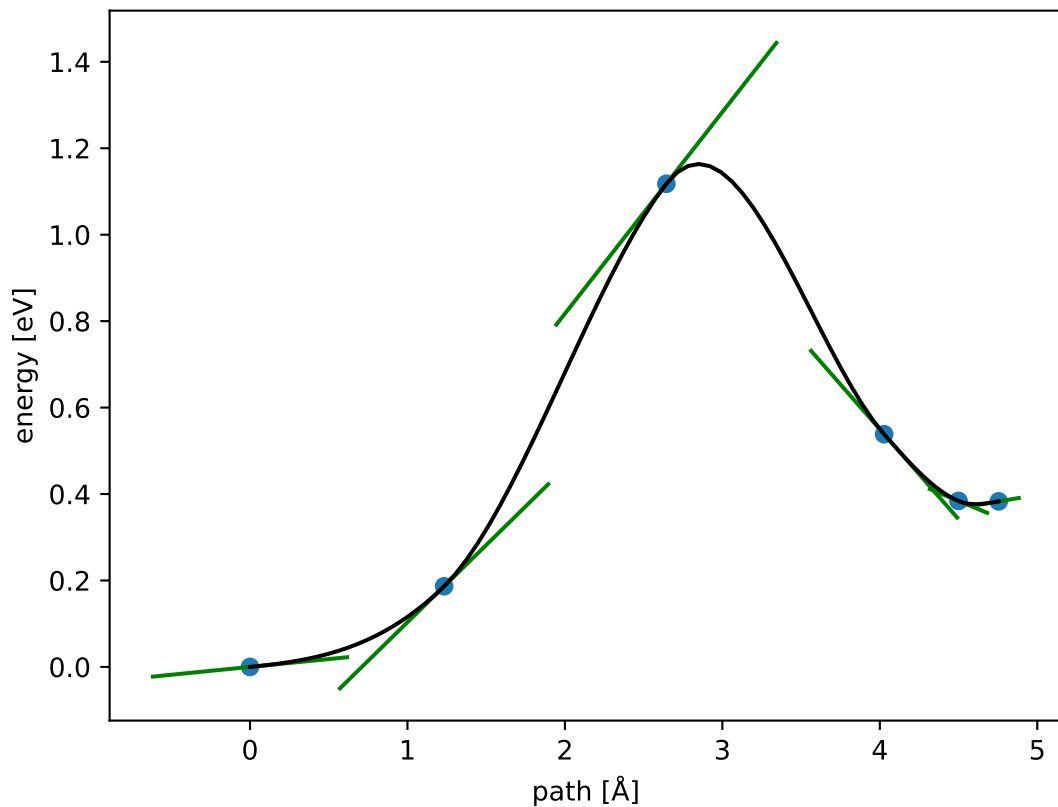
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



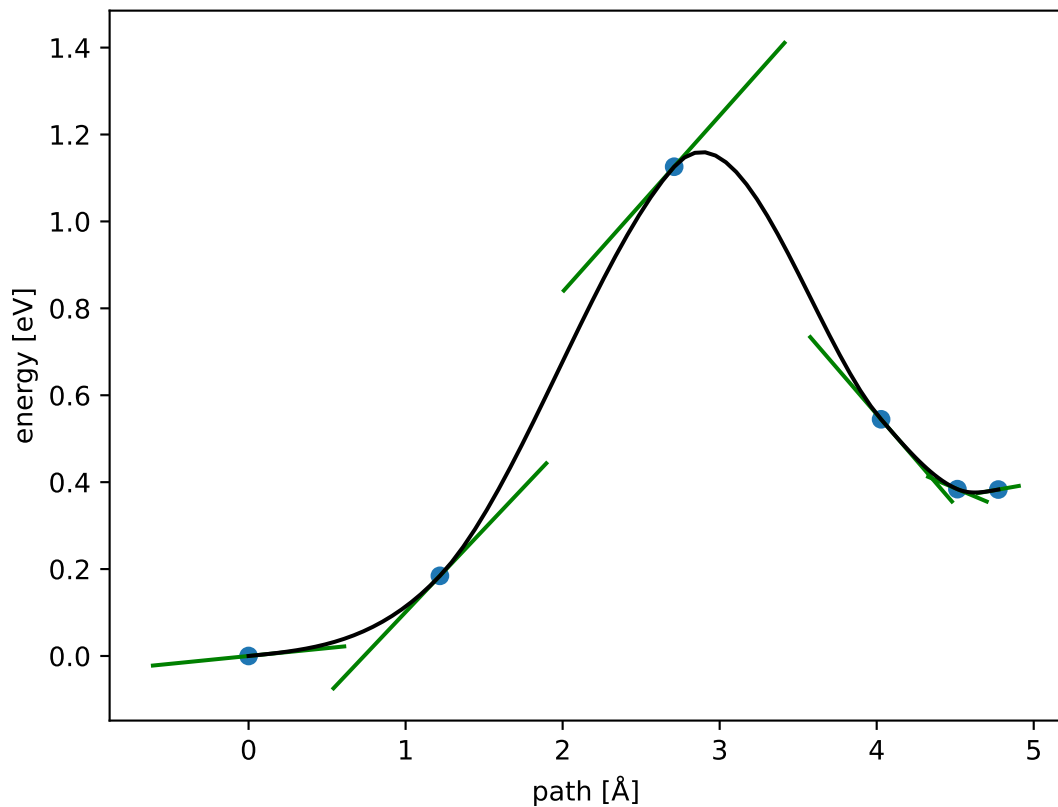
$$E_f \approx 1.117 \text{ eV}; E_r \approx 0.734 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



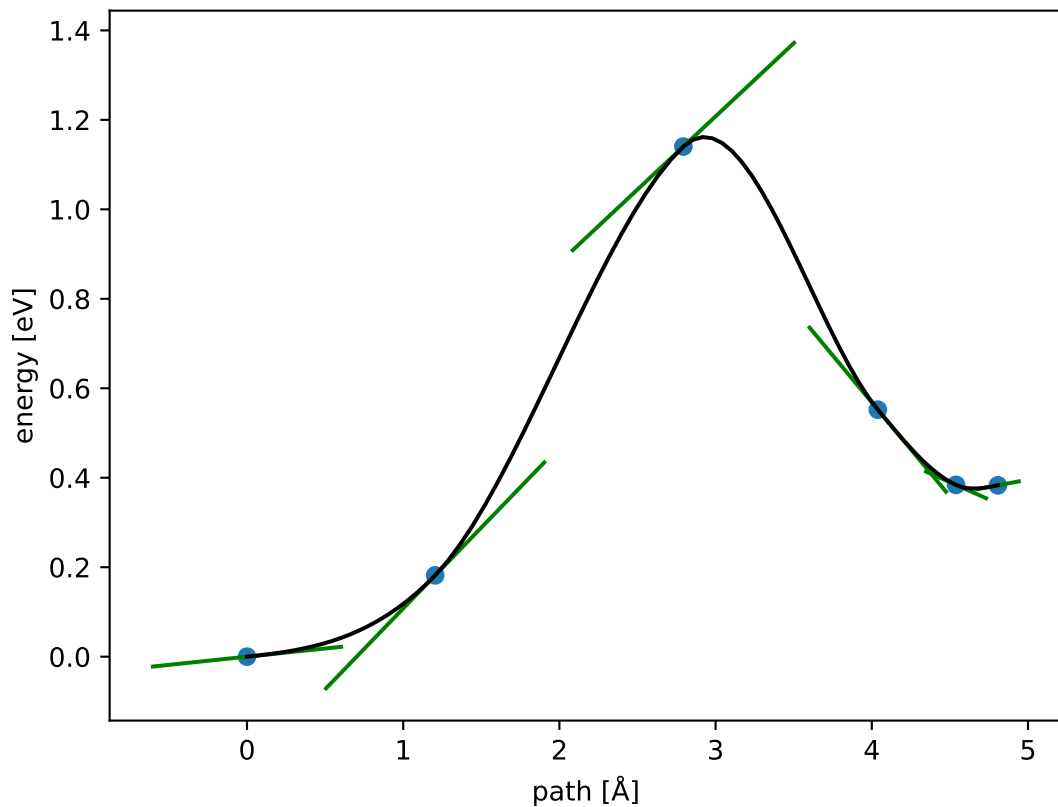
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



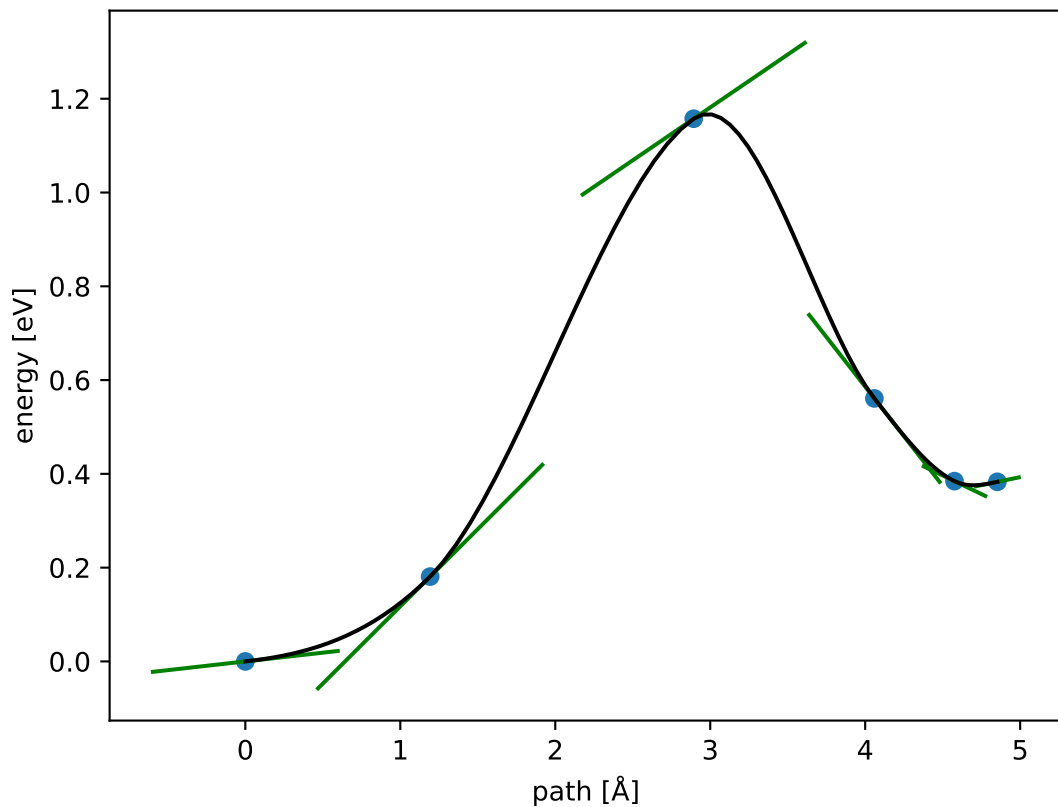
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



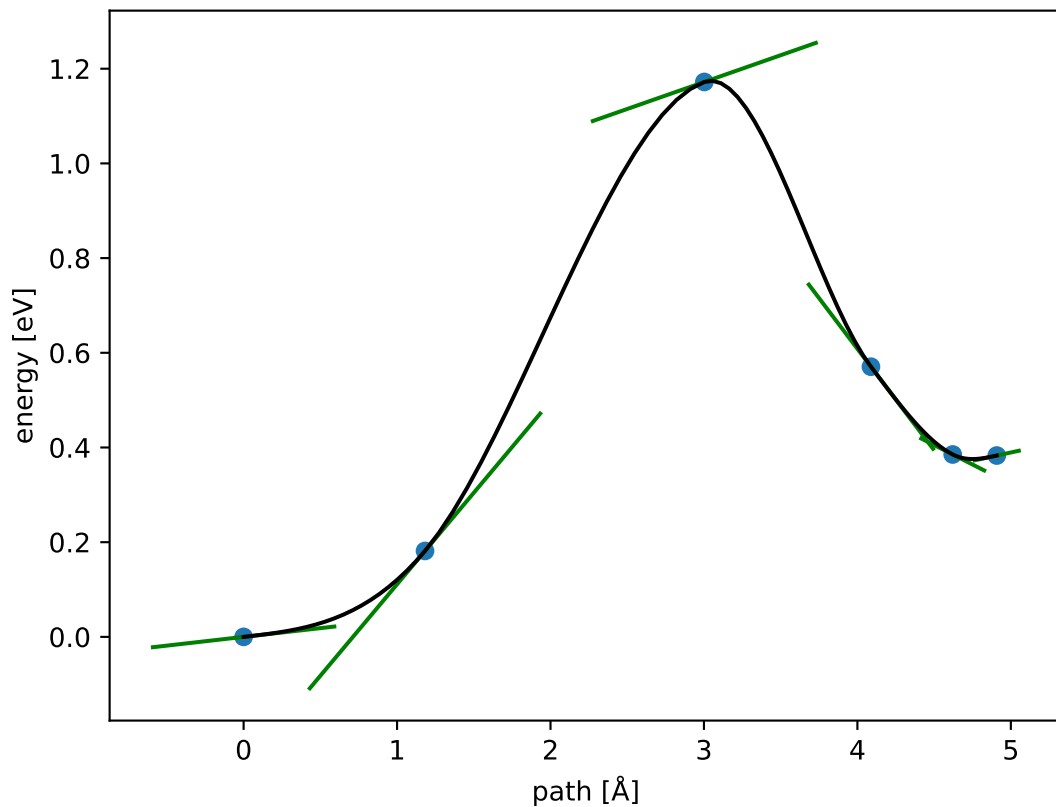
$$E_f \approx 1.140 \text{ eV}; E_r \approx 0.757 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



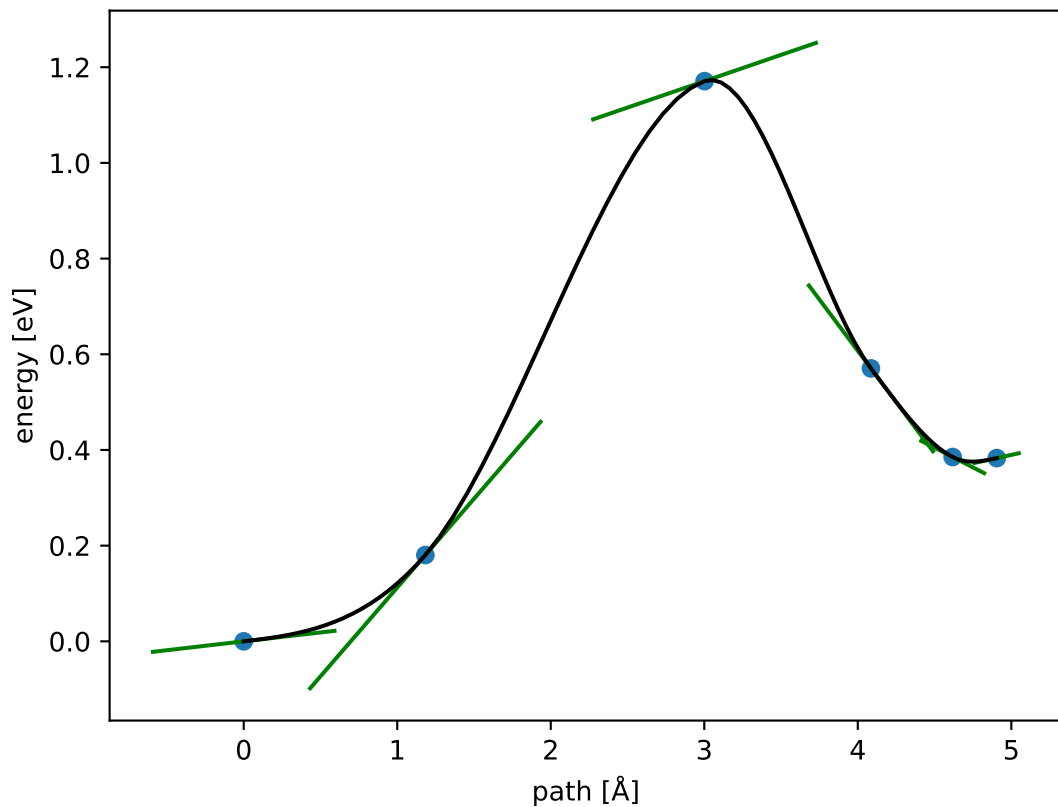
$$E_f \approx 1.157 \text{ eV}; E_r \approx 0.774 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



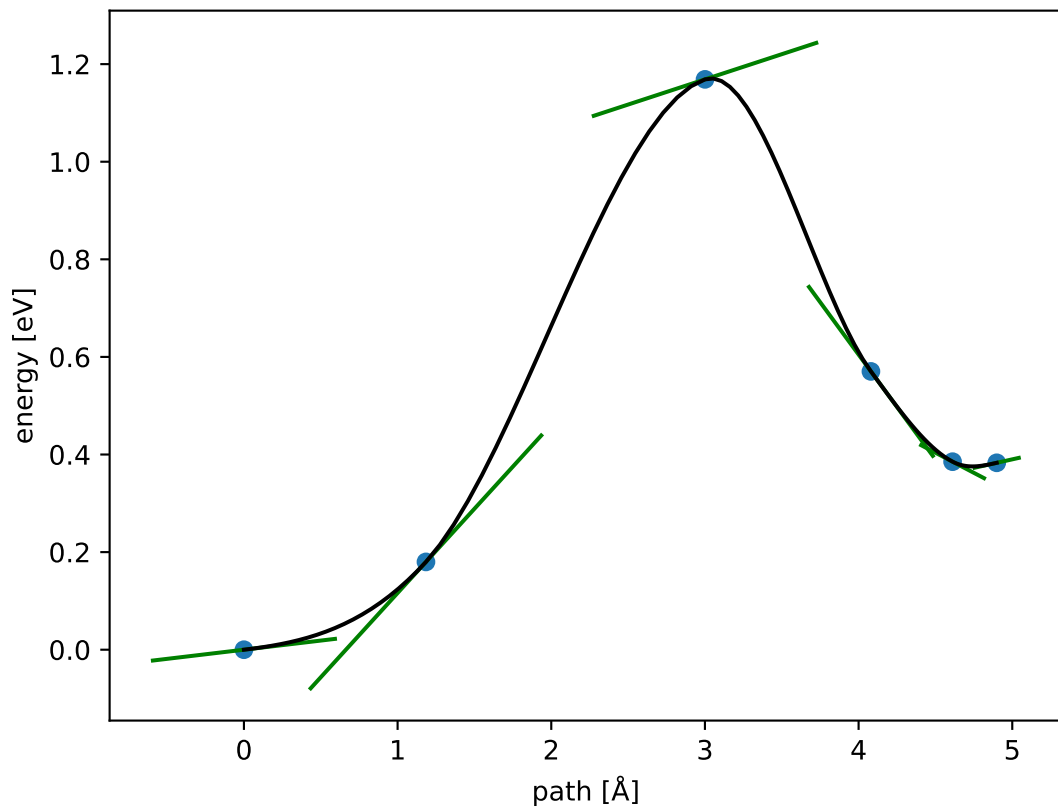
$$E_f \approx 1.172 \text{ eV}; E_r \approx 0.789 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



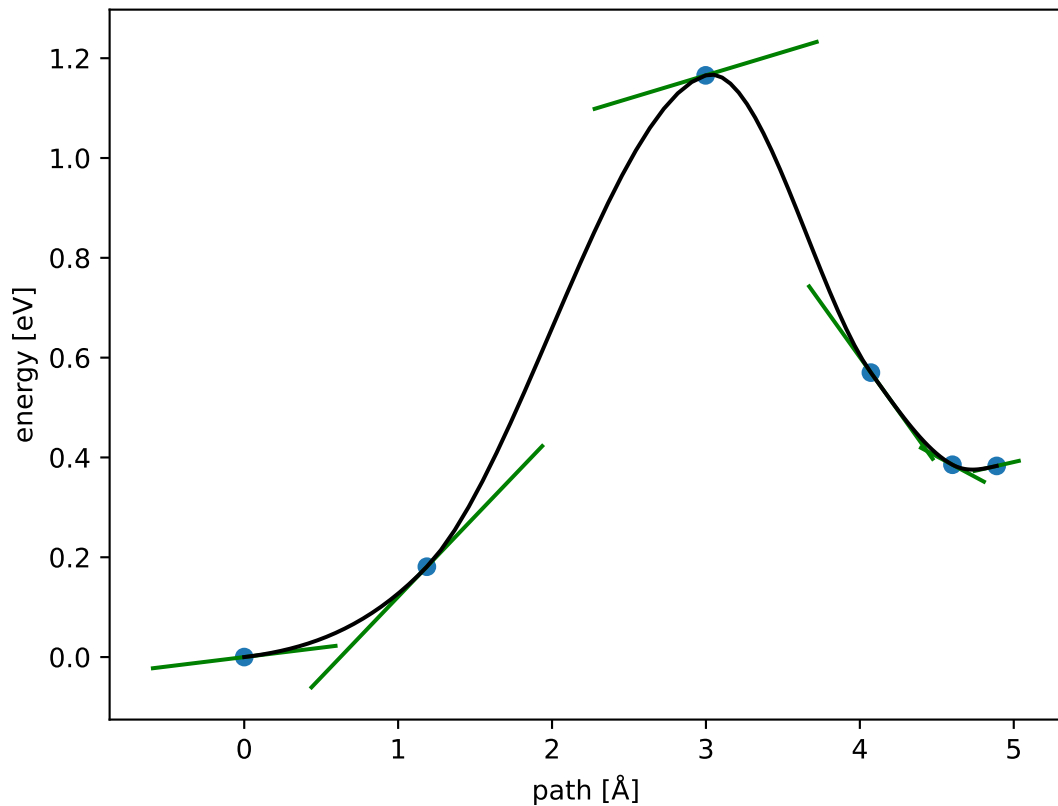
$$E_f \approx 1.171 \text{ eV}; E_r \approx 0.788 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



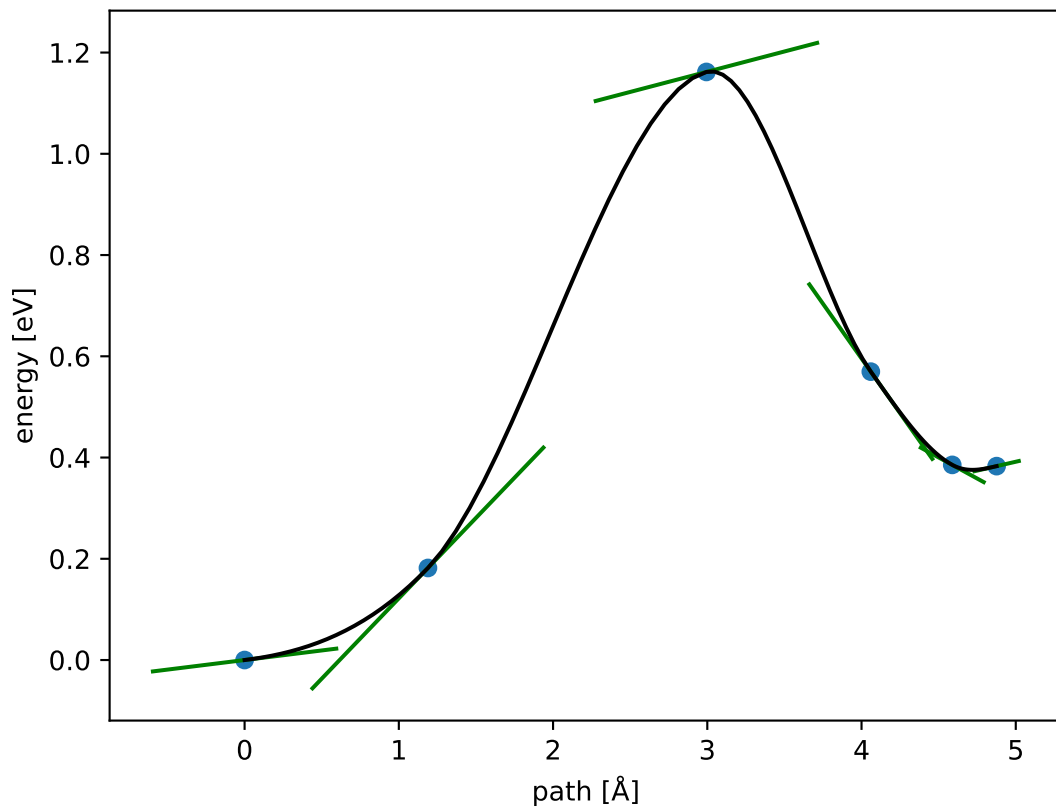
$$E_f \approx 1.169 \text{ eV}; E_r \approx 0.786 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



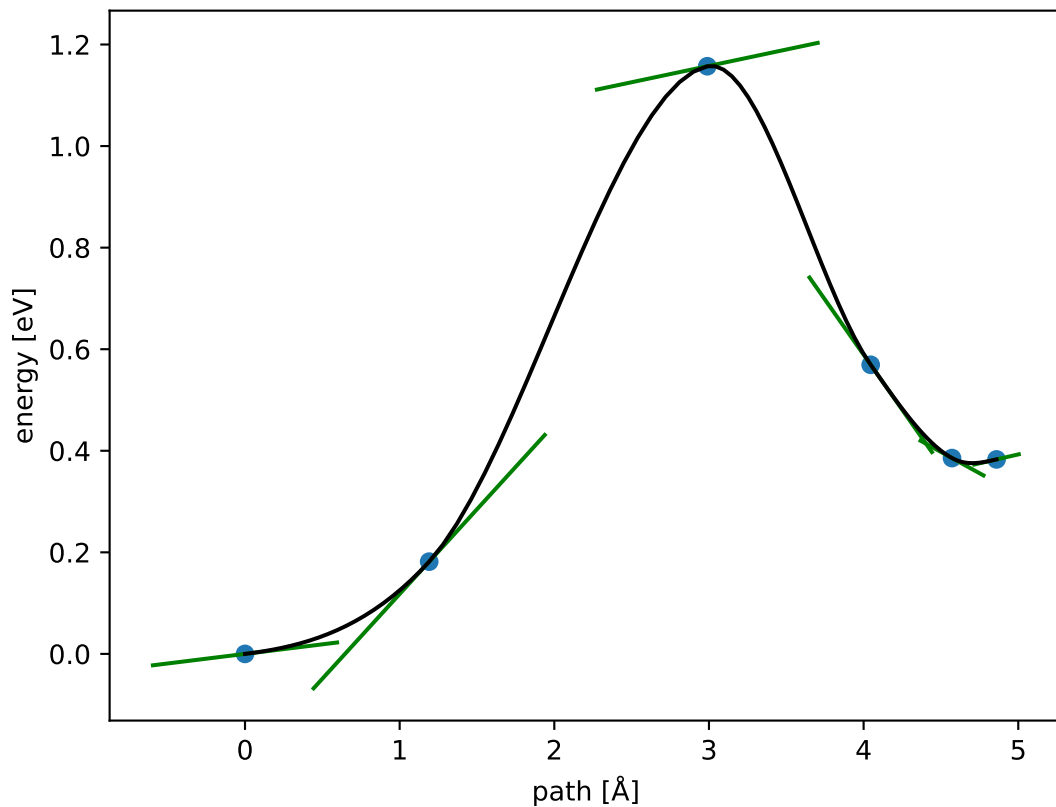
$$E_f \approx 1.166 \text{ eV}; E_r \approx 0.783 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



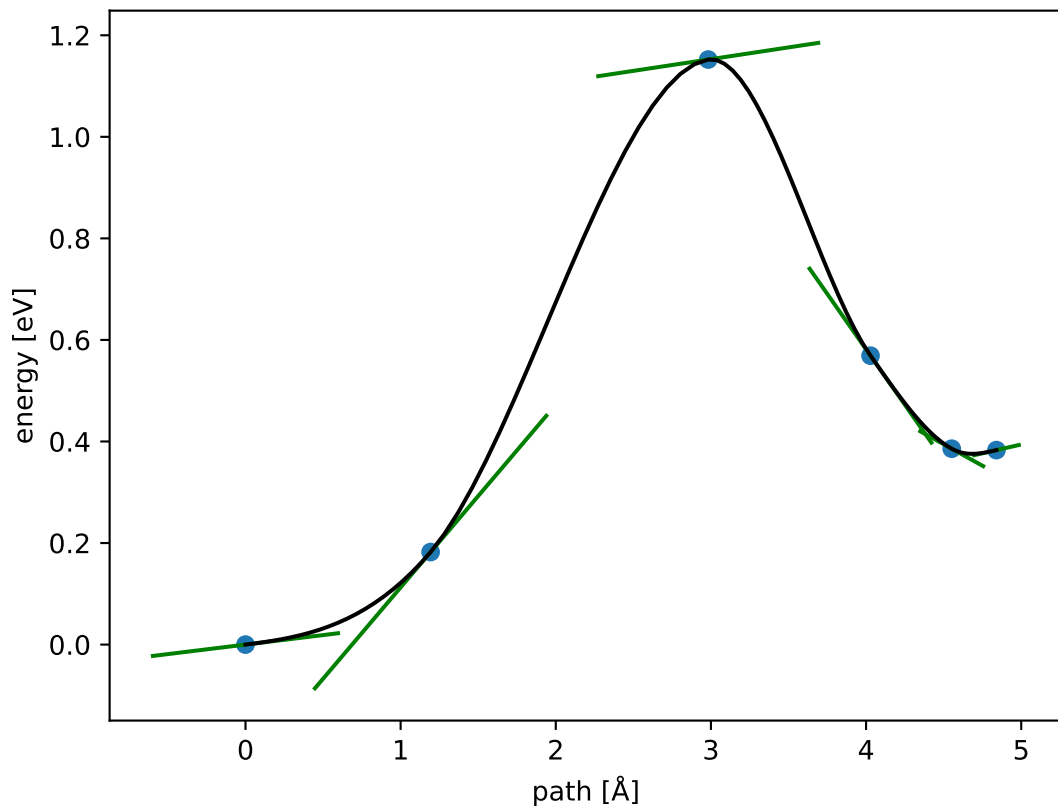
$$E_f \approx 1.162 \text{ eV}; E_r \approx 0.779 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



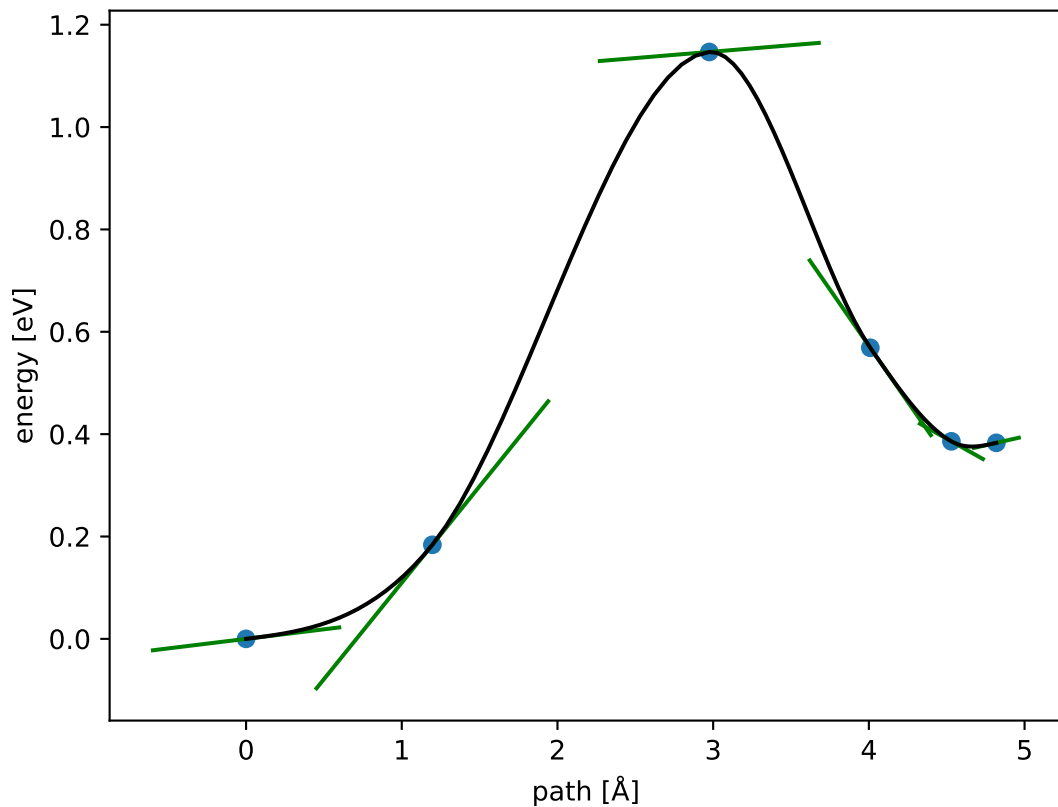
$$E_f \approx 1.157 \text{ eV}; E_r \approx 0.774 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



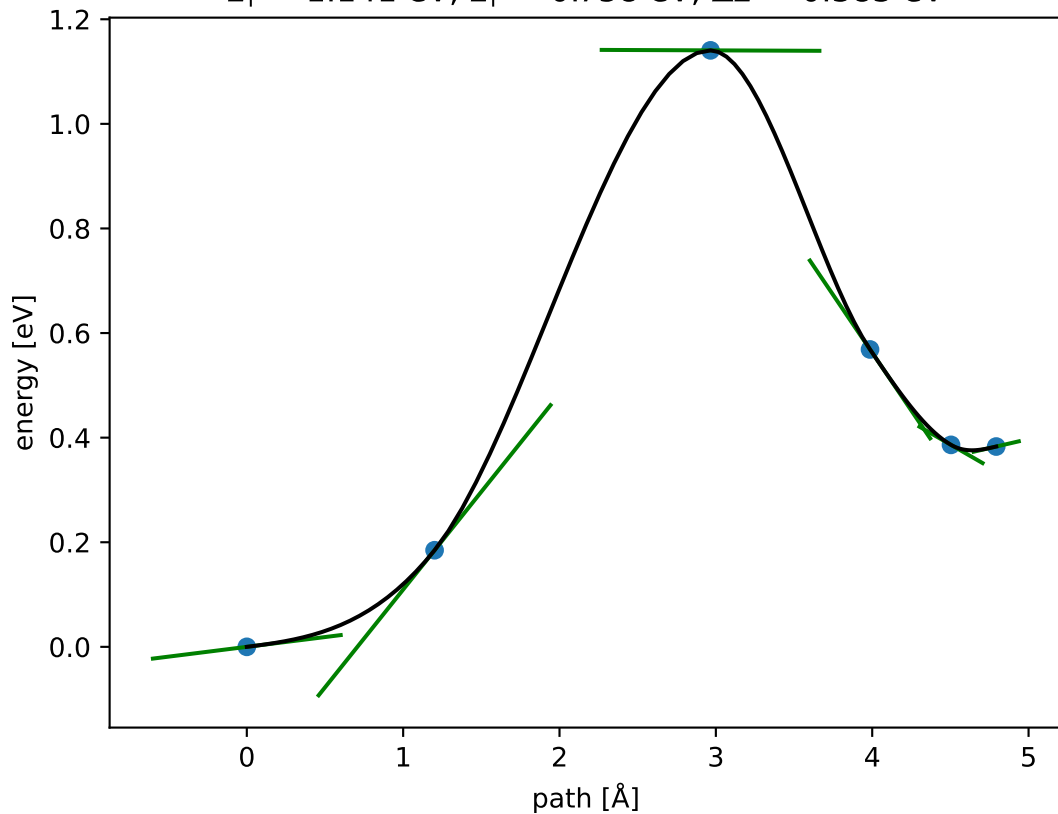
$$E_f \approx 1.152 \text{ eV}; E_r \approx 0.769 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



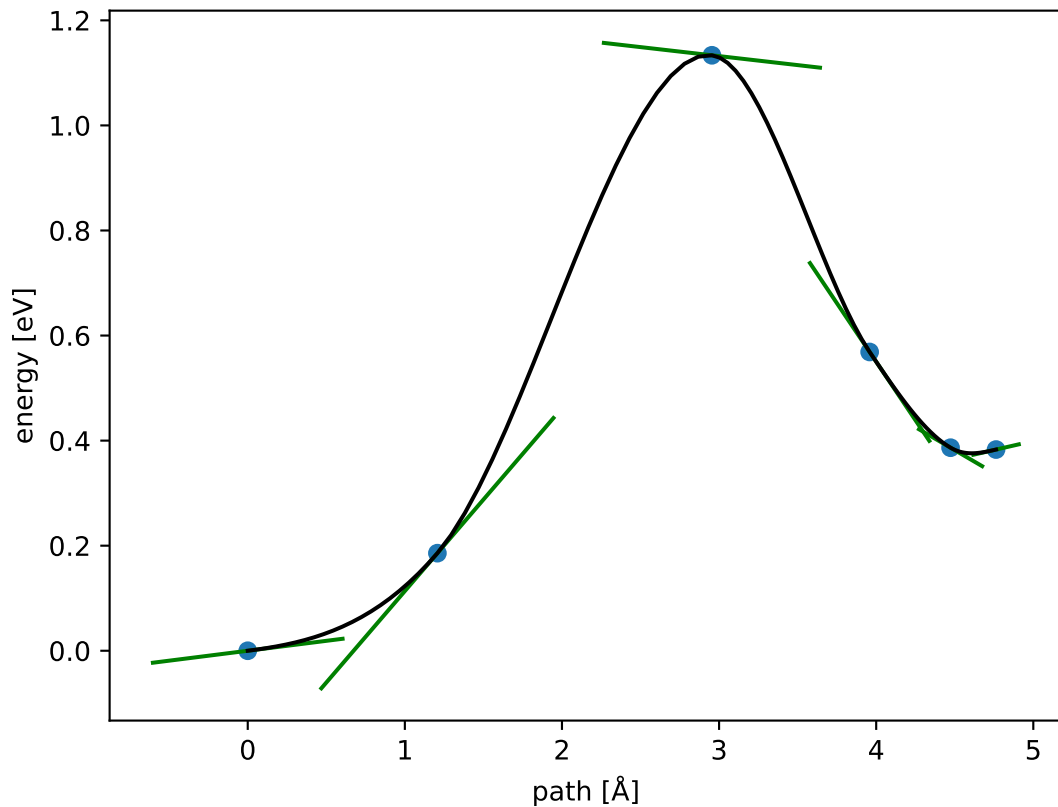
$$E_f \approx 1.147 \text{ eV}; E_r \approx 0.764 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



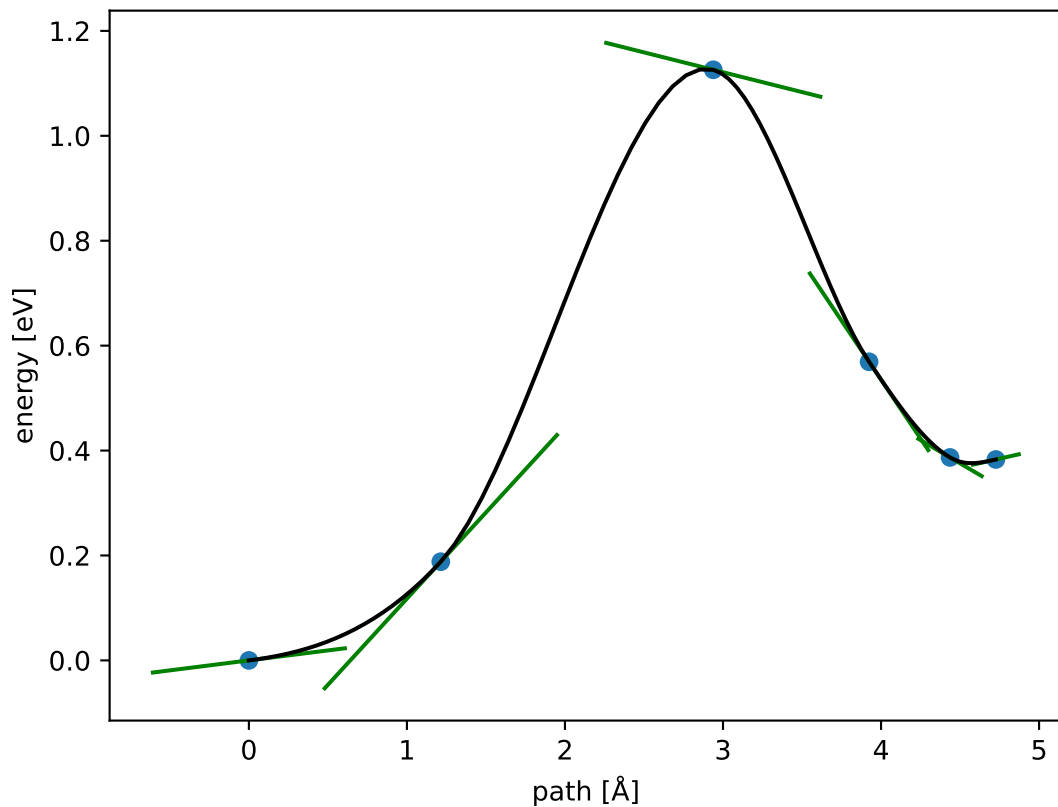
$$E_f \approx 1.141 \text{ eV}; E_r \approx 0.758 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



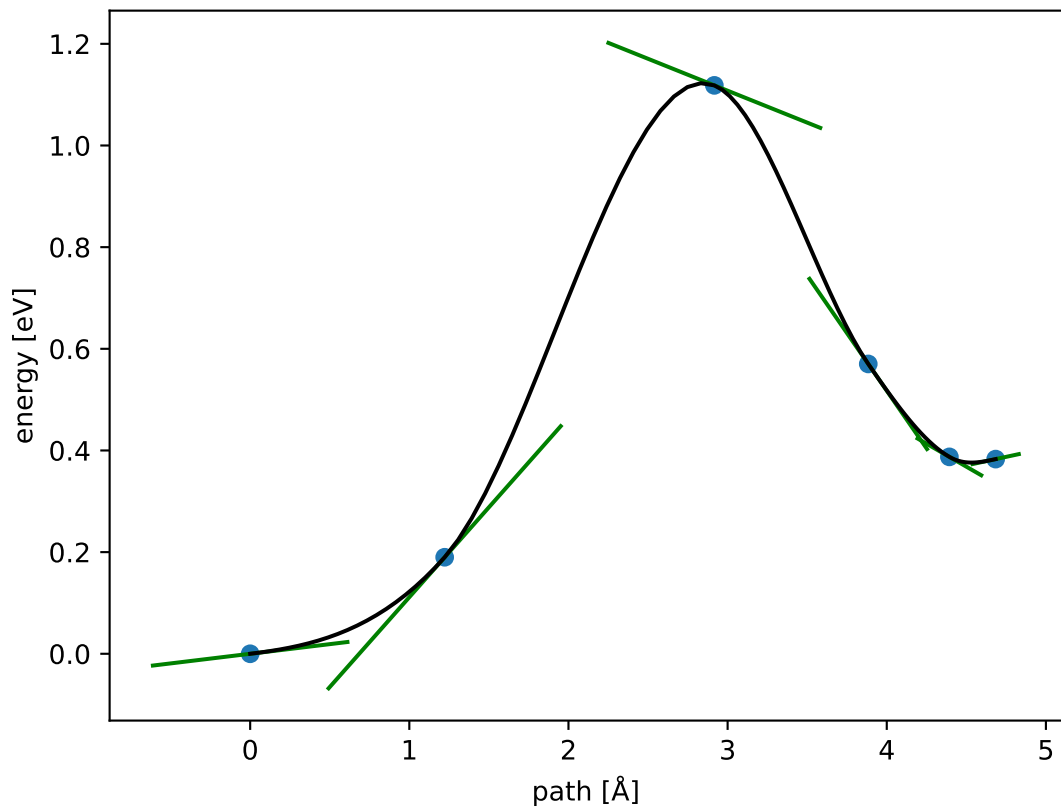
$$E_f \approx 1.134 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



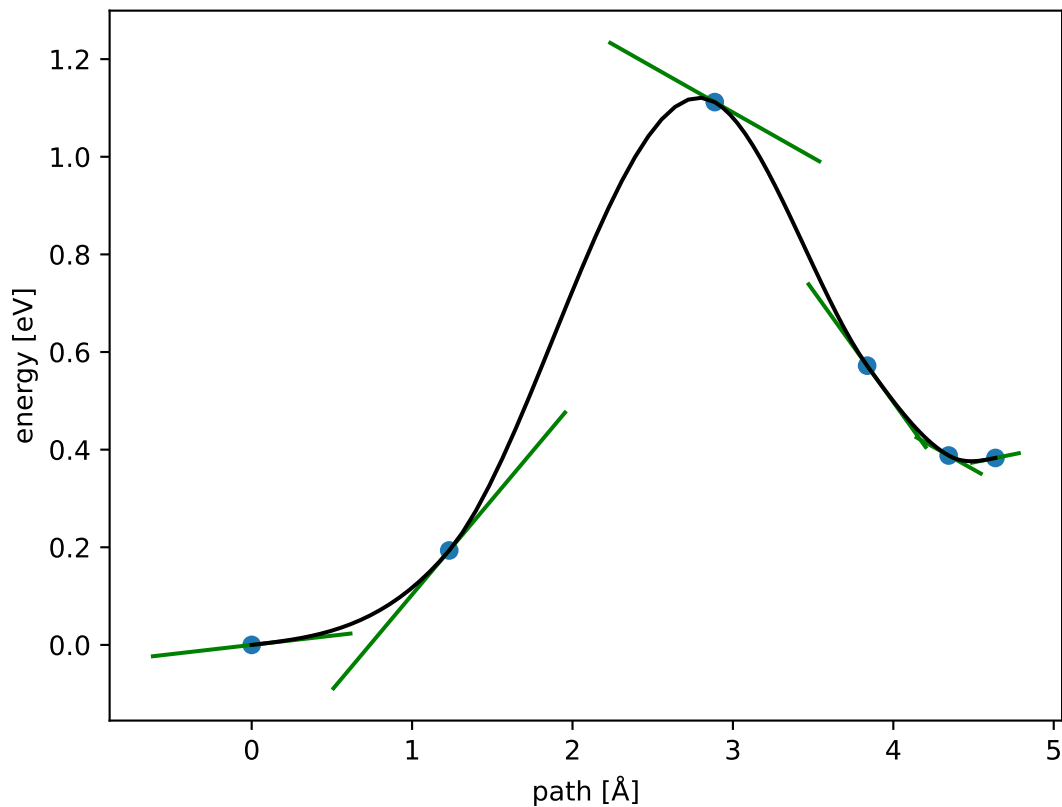
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



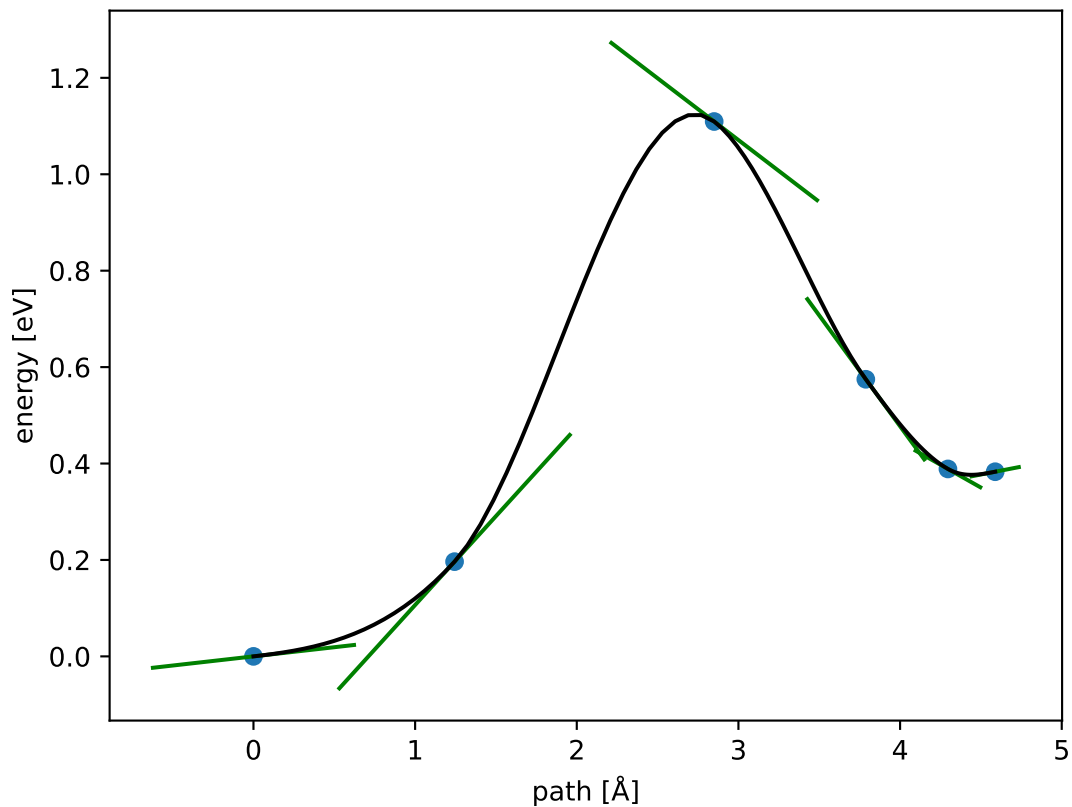
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



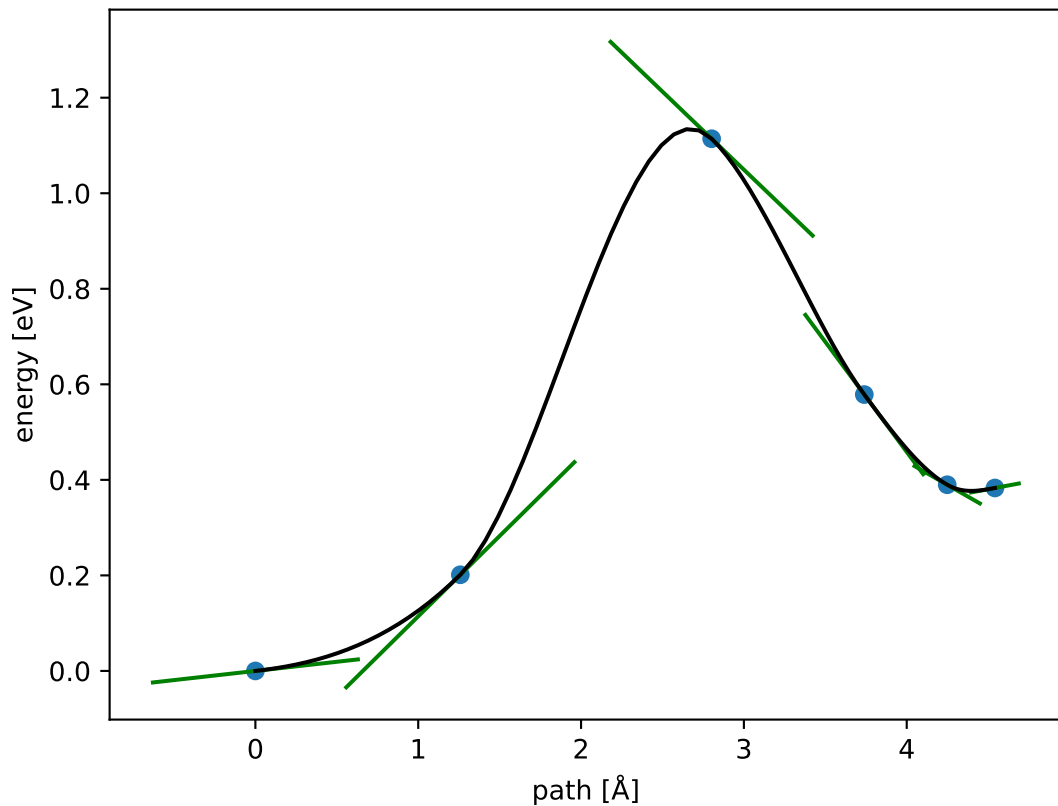
$$E_f \approx 1.112 \text{ eV}; E_r \approx 0.729 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



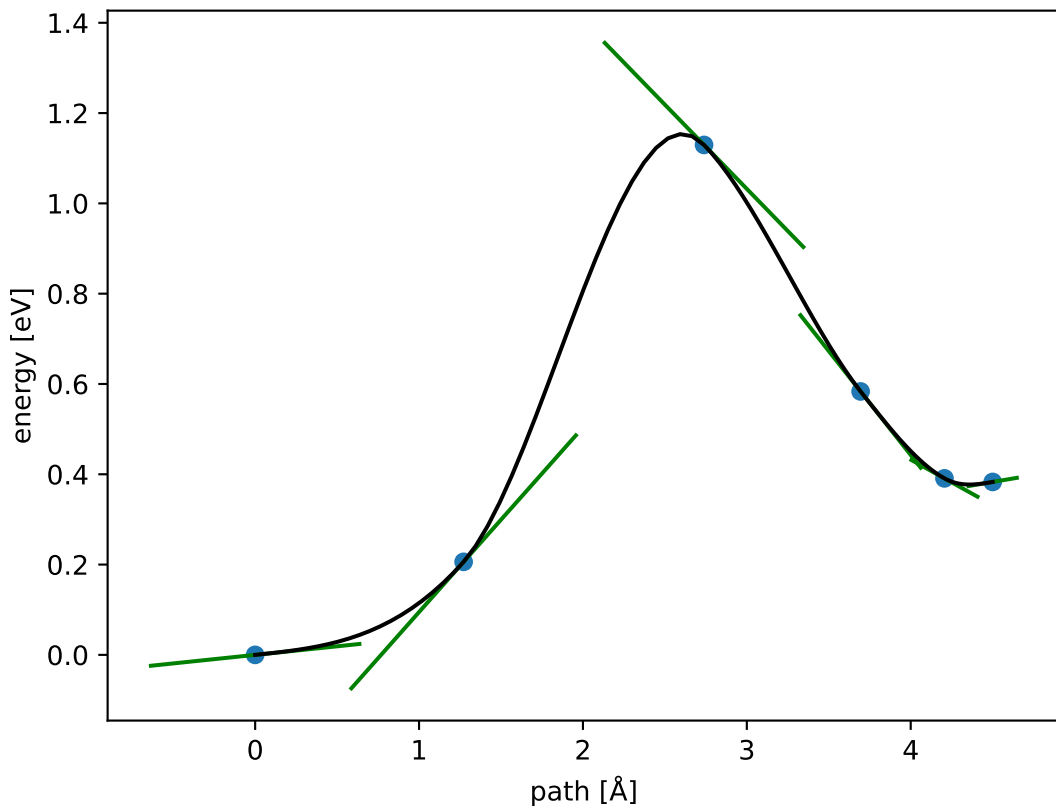
$$E_f \approx 1.109 \text{ eV}; E_r \approx 0.726 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



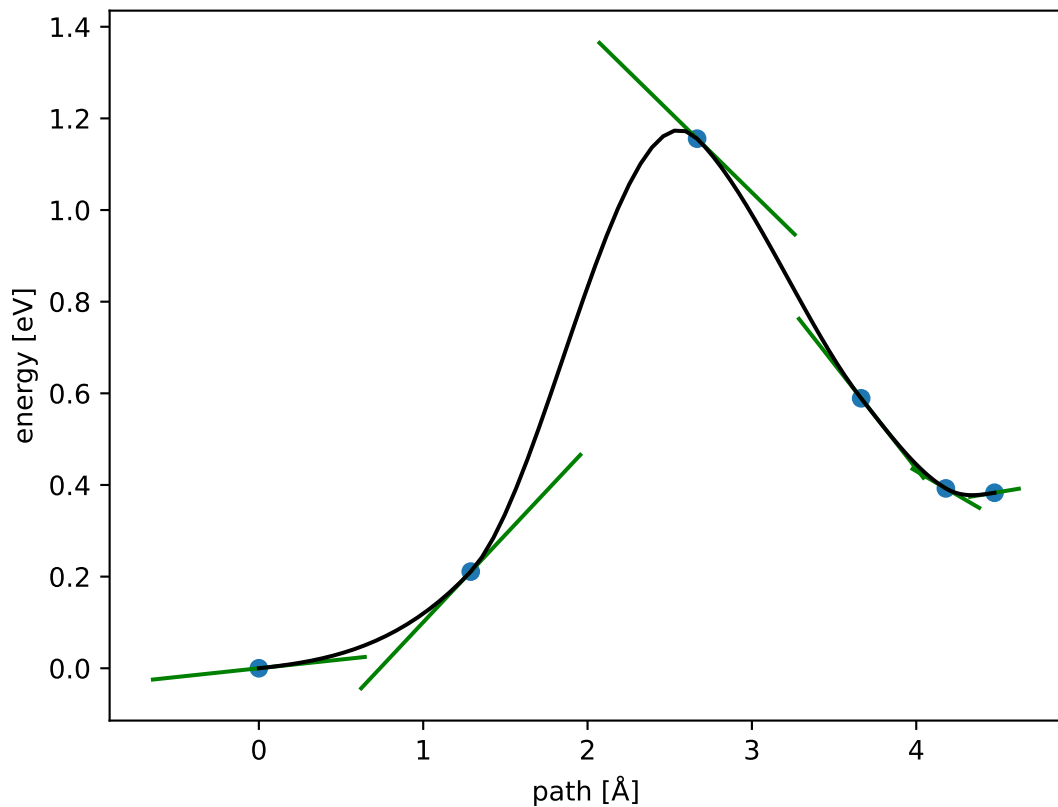
$$E_f \approx 1.114 \text{ eV}; E_r \approx 0.731 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



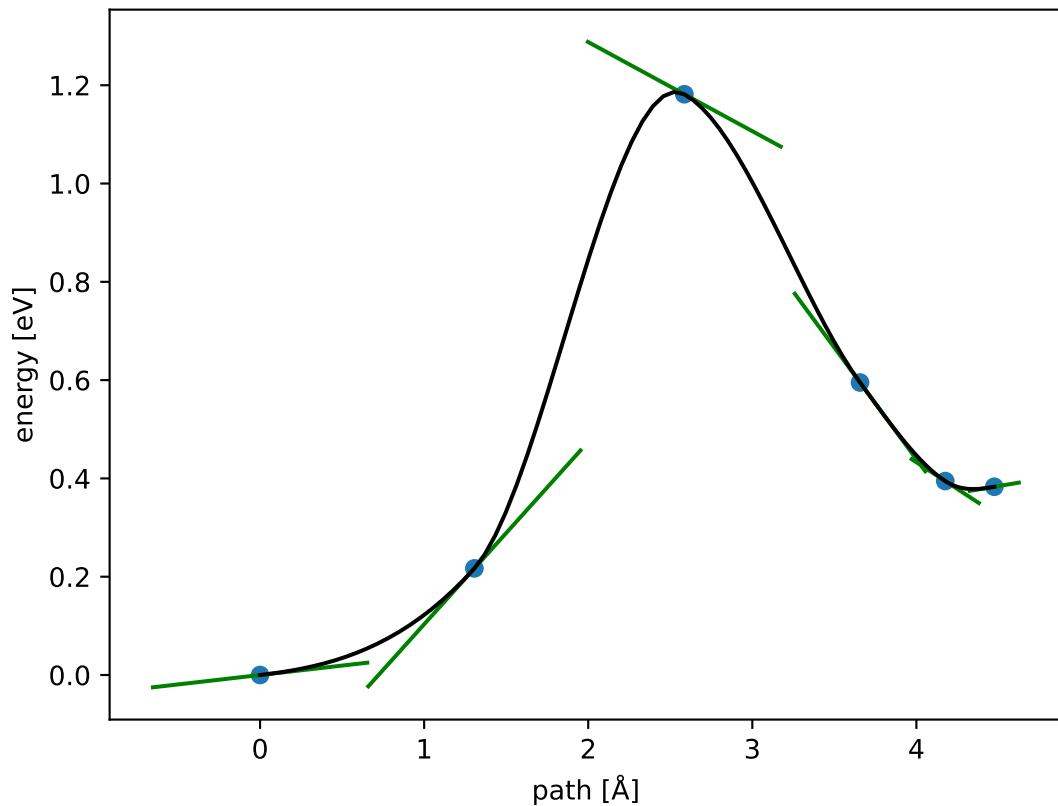
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



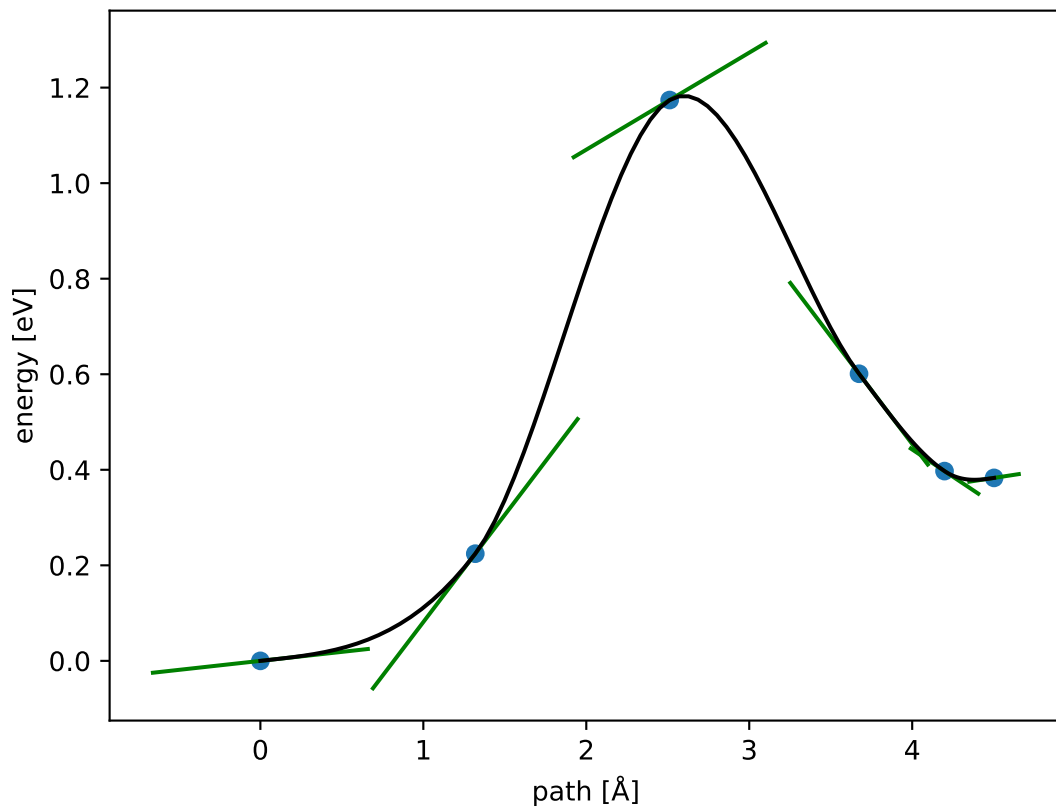
$$E_f \approx 1.156 \text{ eV}; E_r \approx 0.773 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



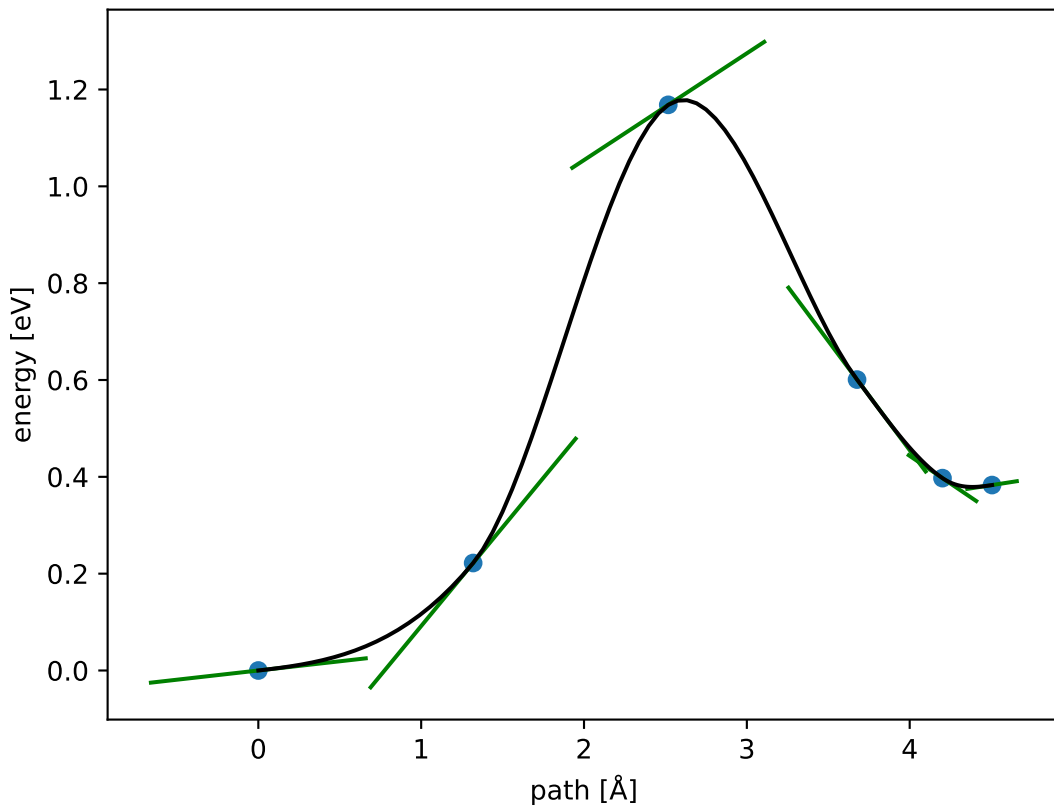
$$E_f \approx 1.182 \text{ eV}; E_r \approx 0.799 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



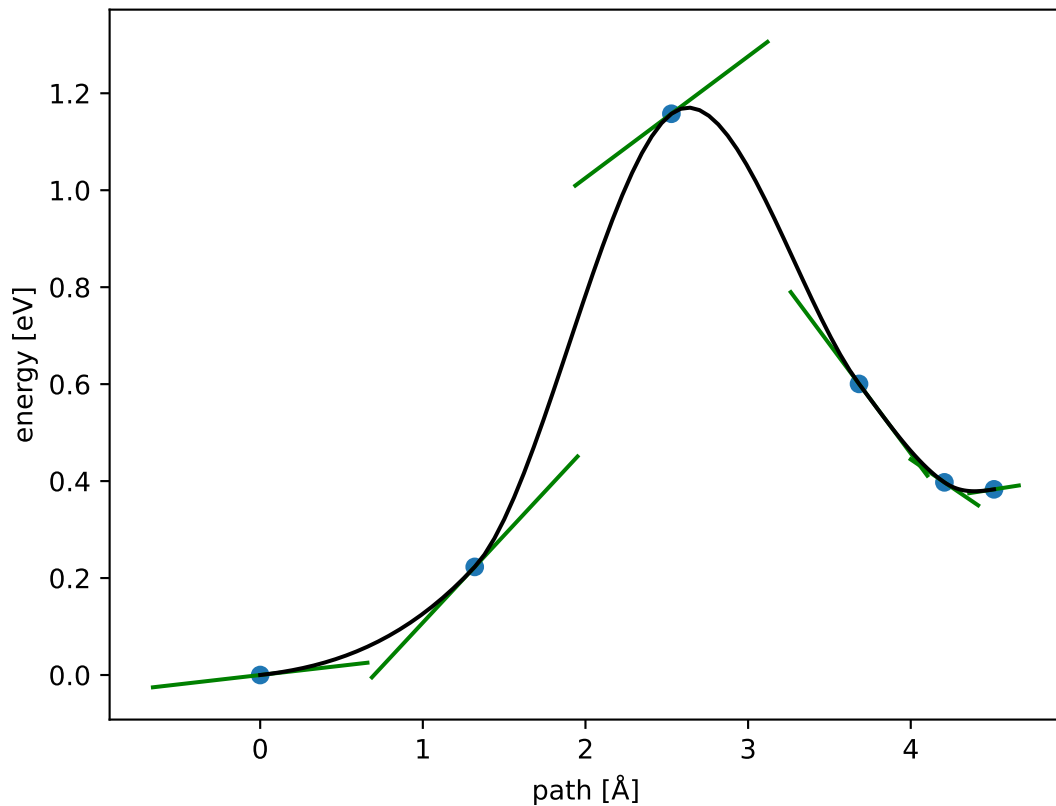
$$E_f \approx 1.174 \text{ eV}; E_r \approx 0.791 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



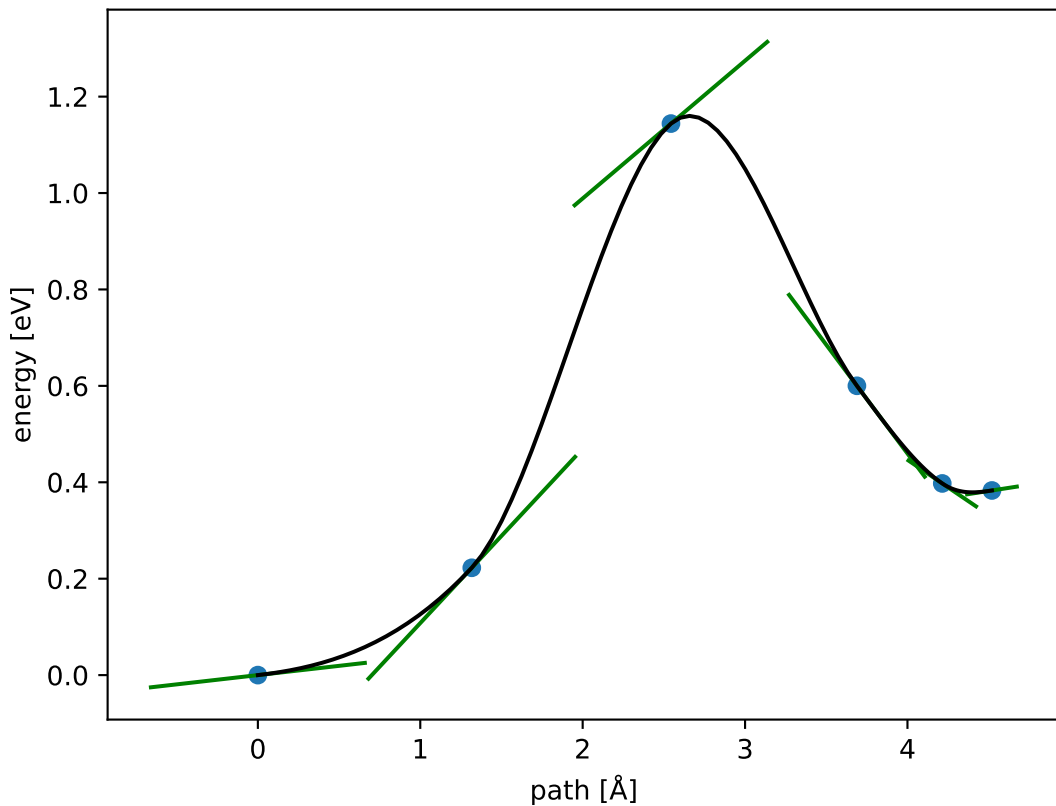
$$E_f \approx 1.168 \text{ eV}; E_r \approx 0.785 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



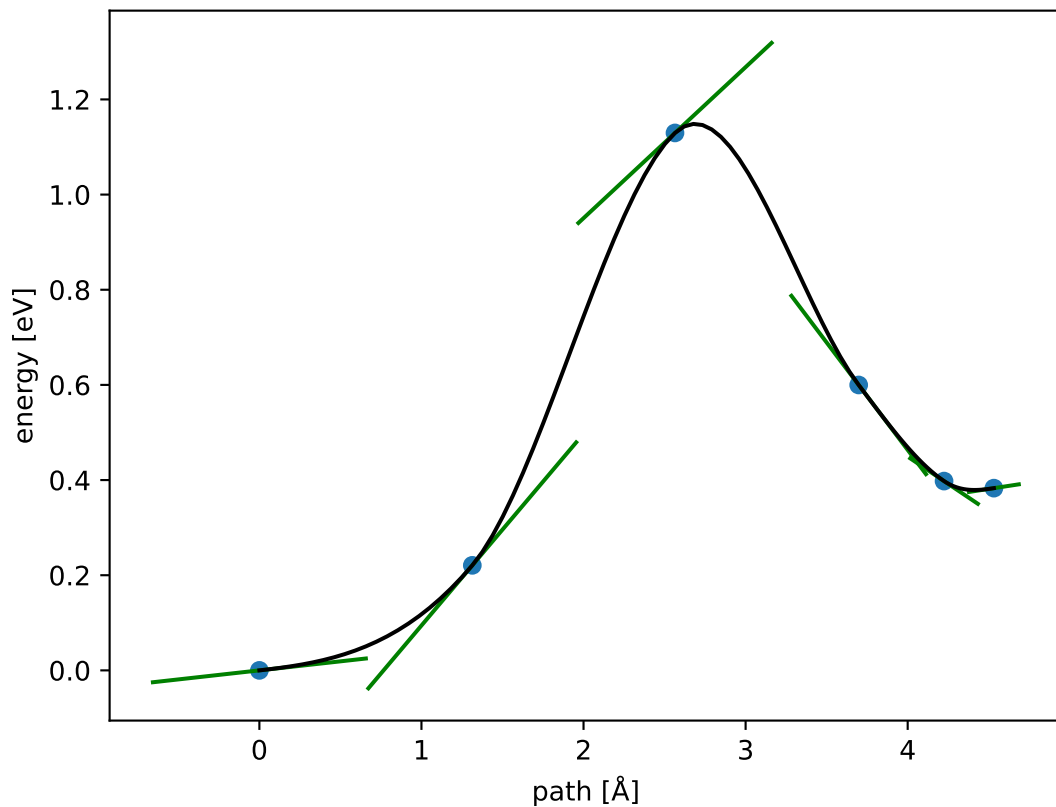
$$E_f \approx 1.158 \text{ eV}; E_r \approx 0.775 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



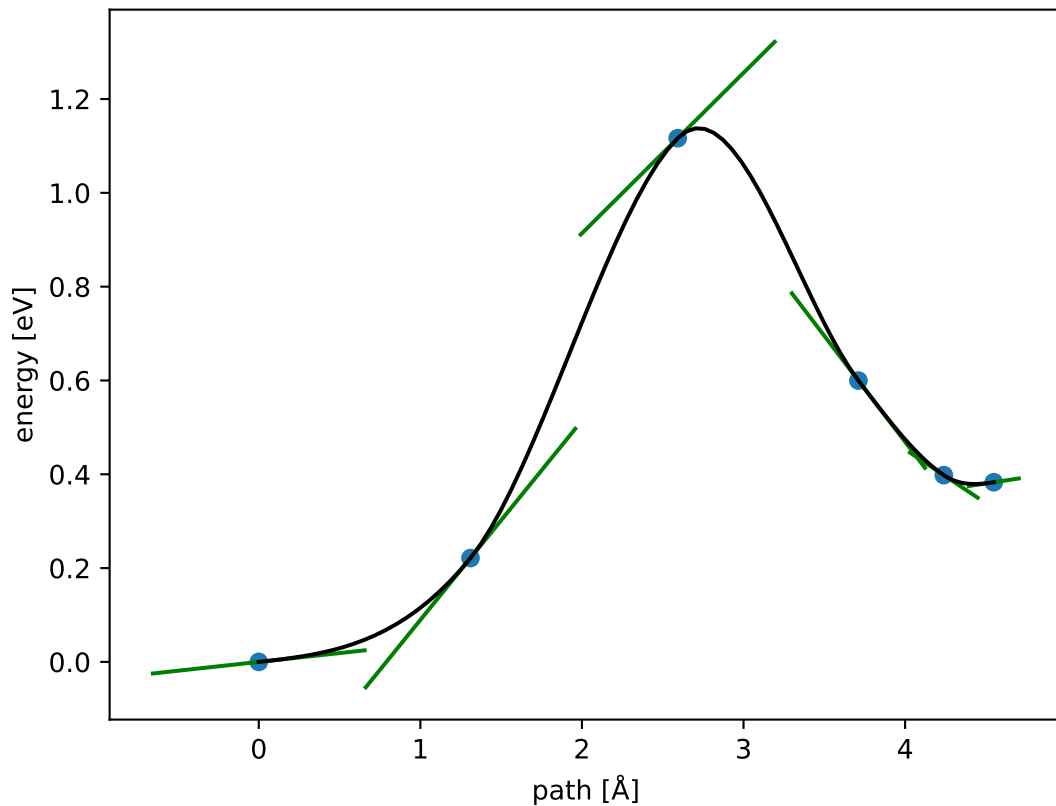
$$E_f \approx 1.144 \text{ eV}; E_r \approx 0.761 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



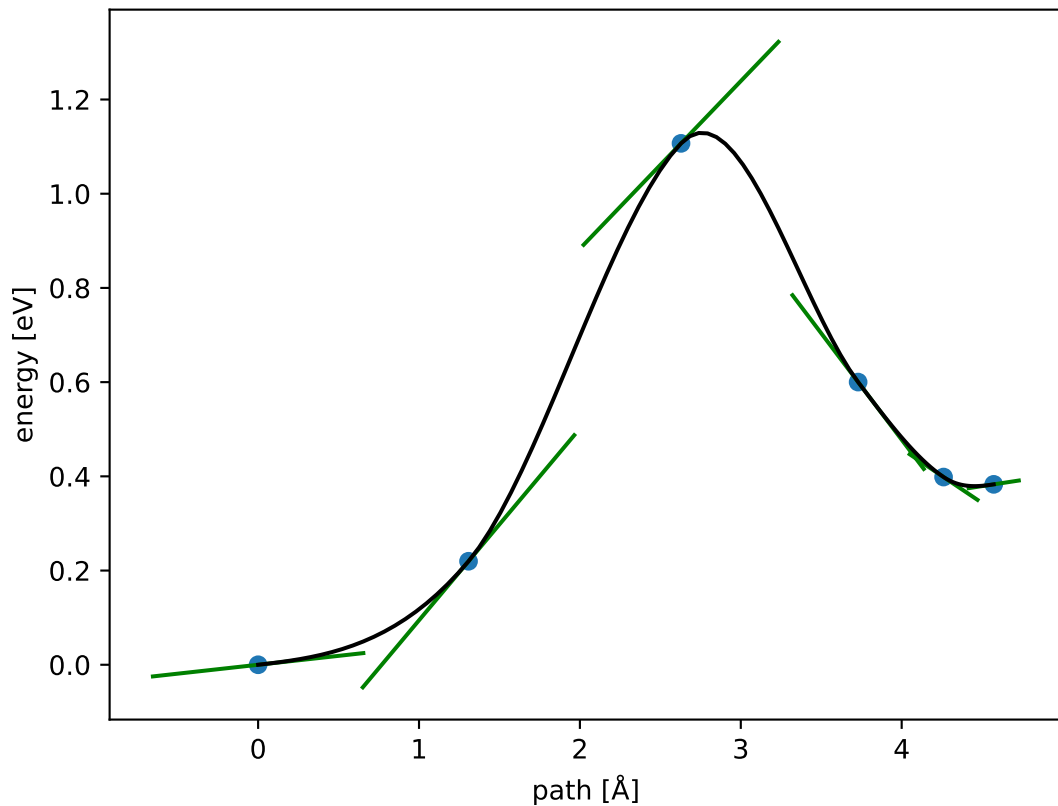
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



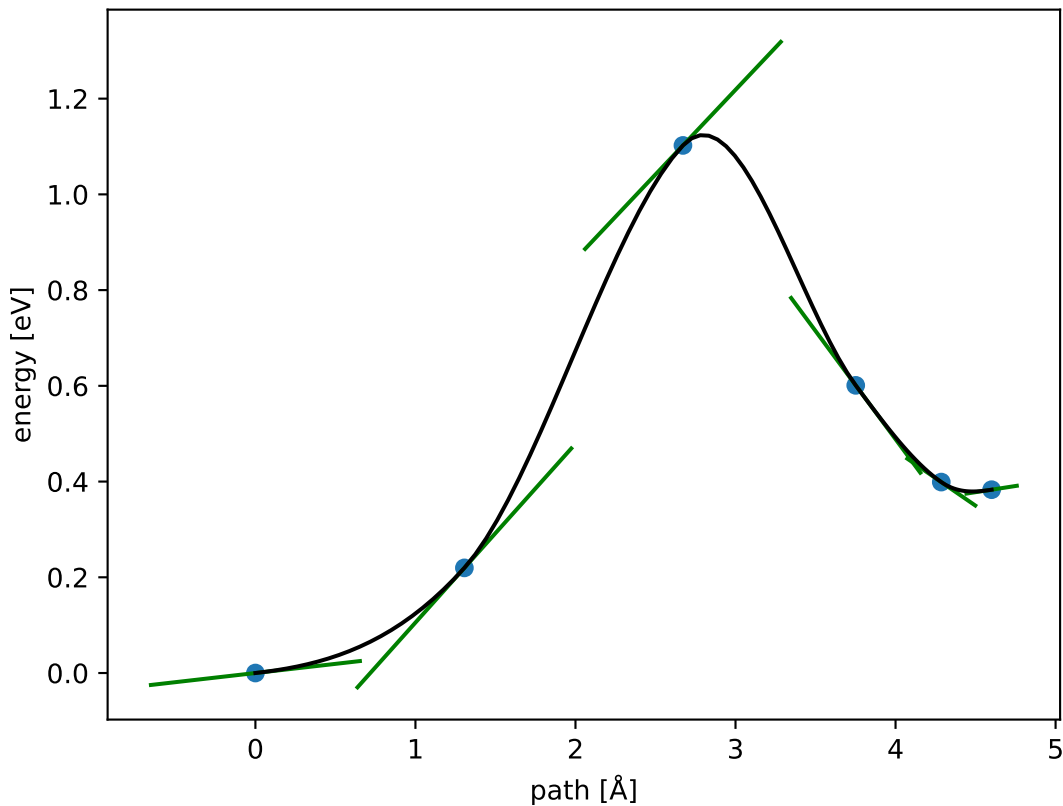
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



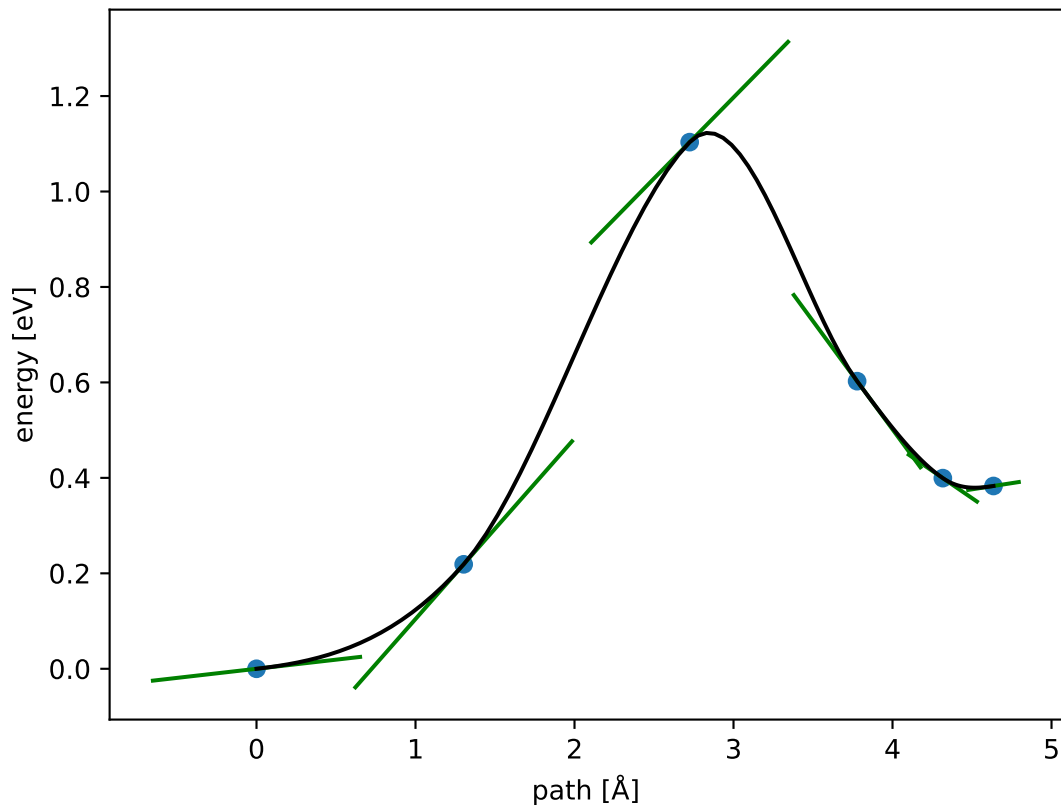
$$E_f \approx 1.107 \text{ eV}; E_r \approx 0.724 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



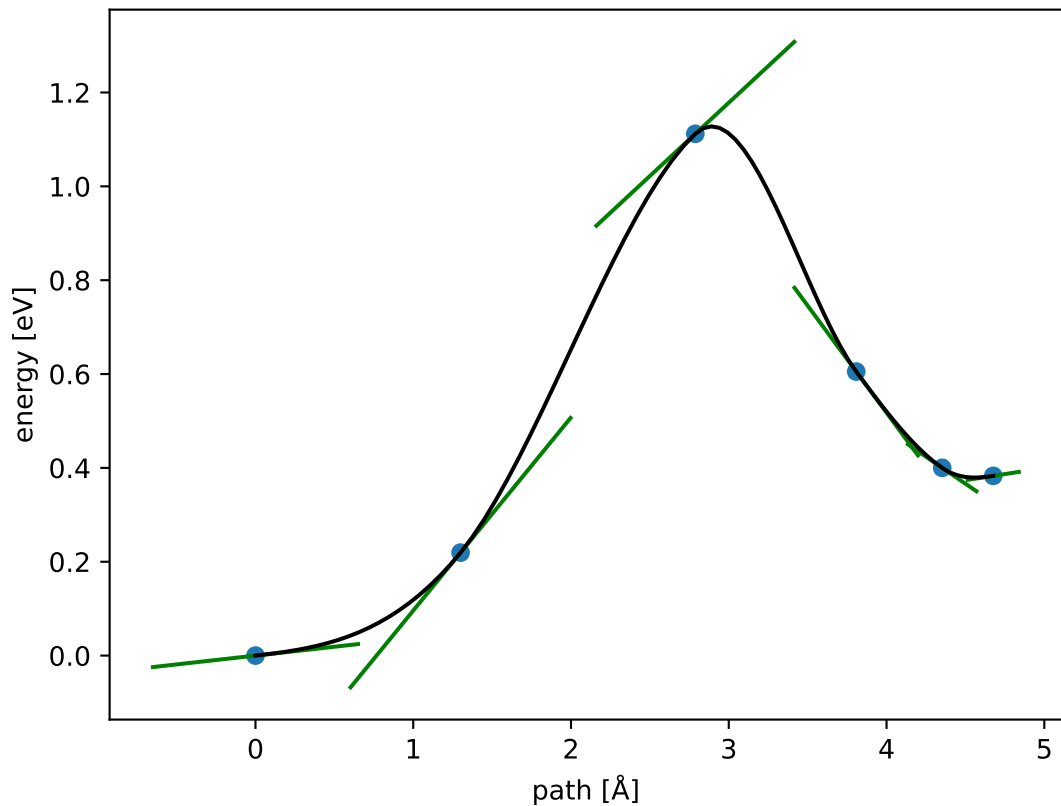
$$E_f \approx 1.102 \text{ eV}; E_r \approx 0.719 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



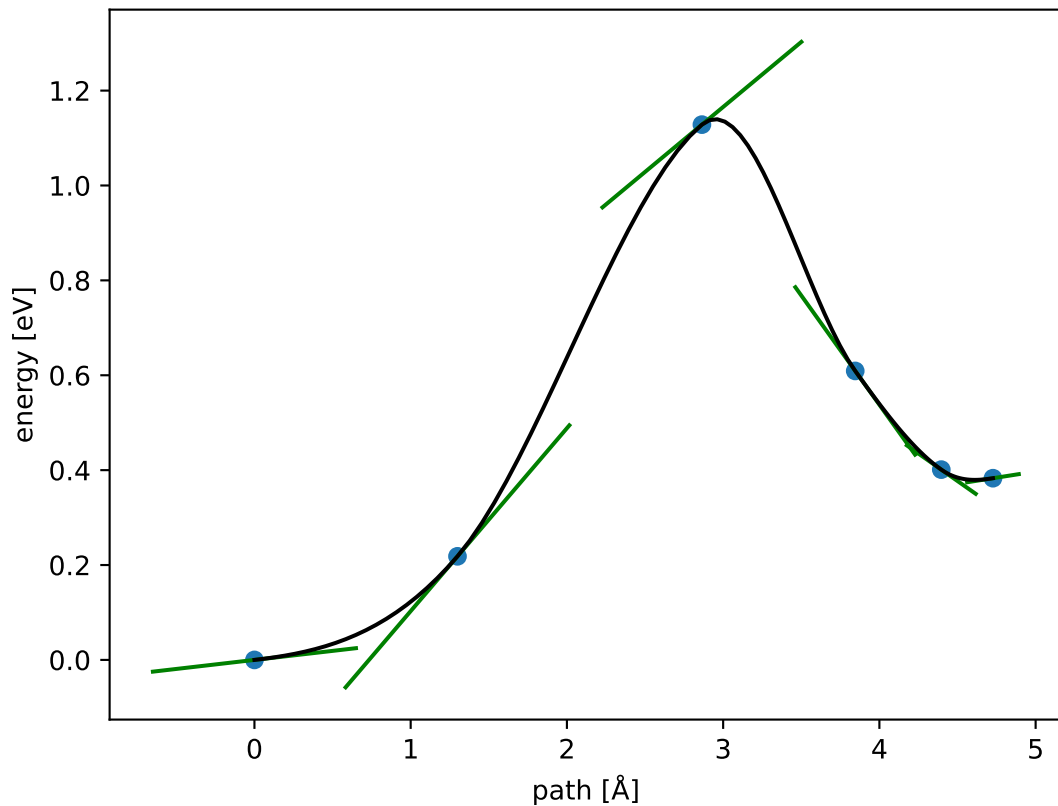
$$E_f \approx 1.103 \text{ eV}; E_r \approx 0.720 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



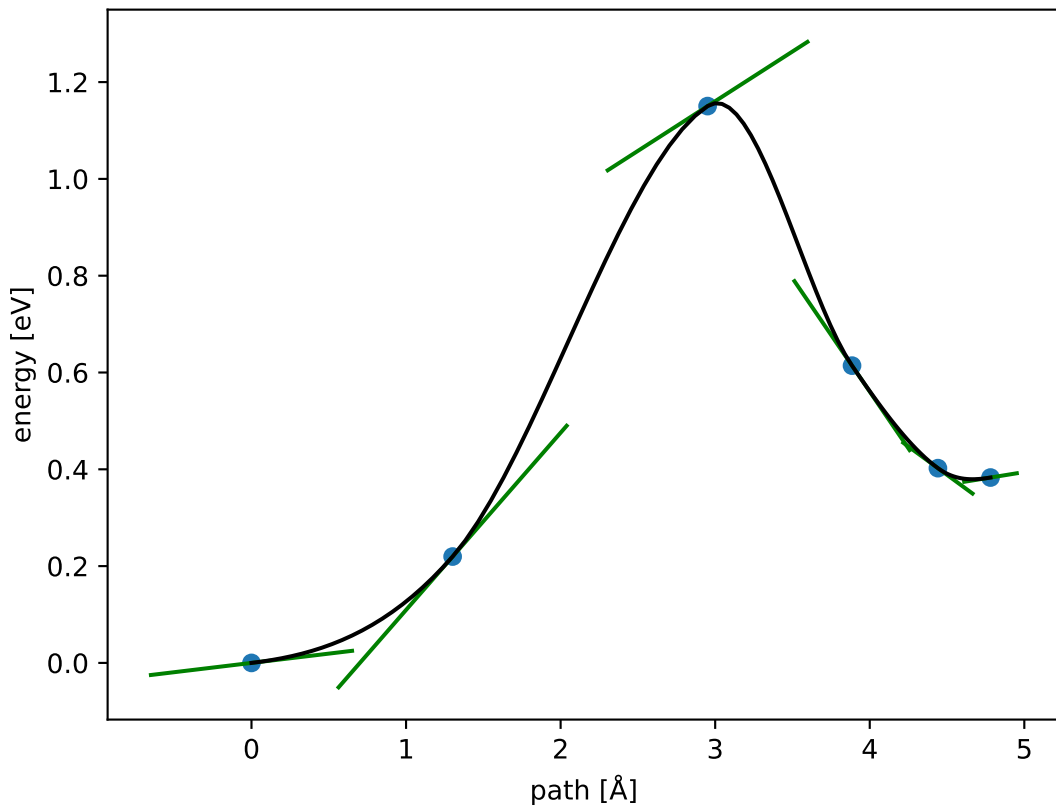
$$E_f \approx 1.112 \text{ eV}; E_r \approx 0.729 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



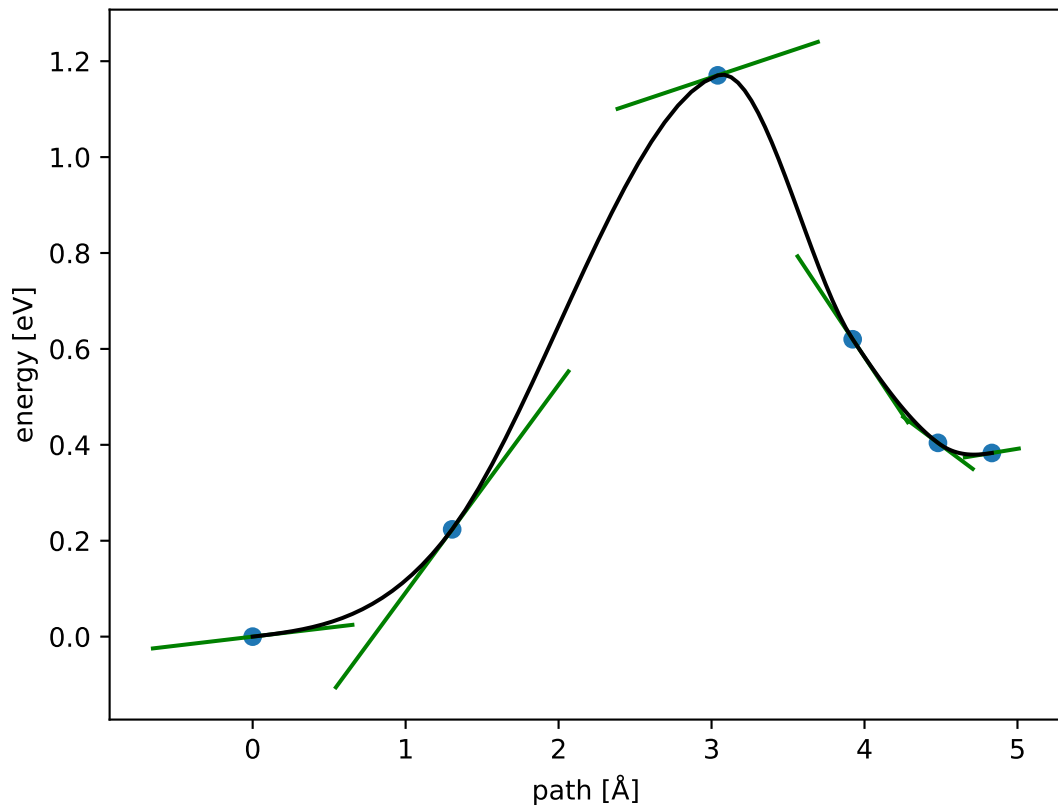
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



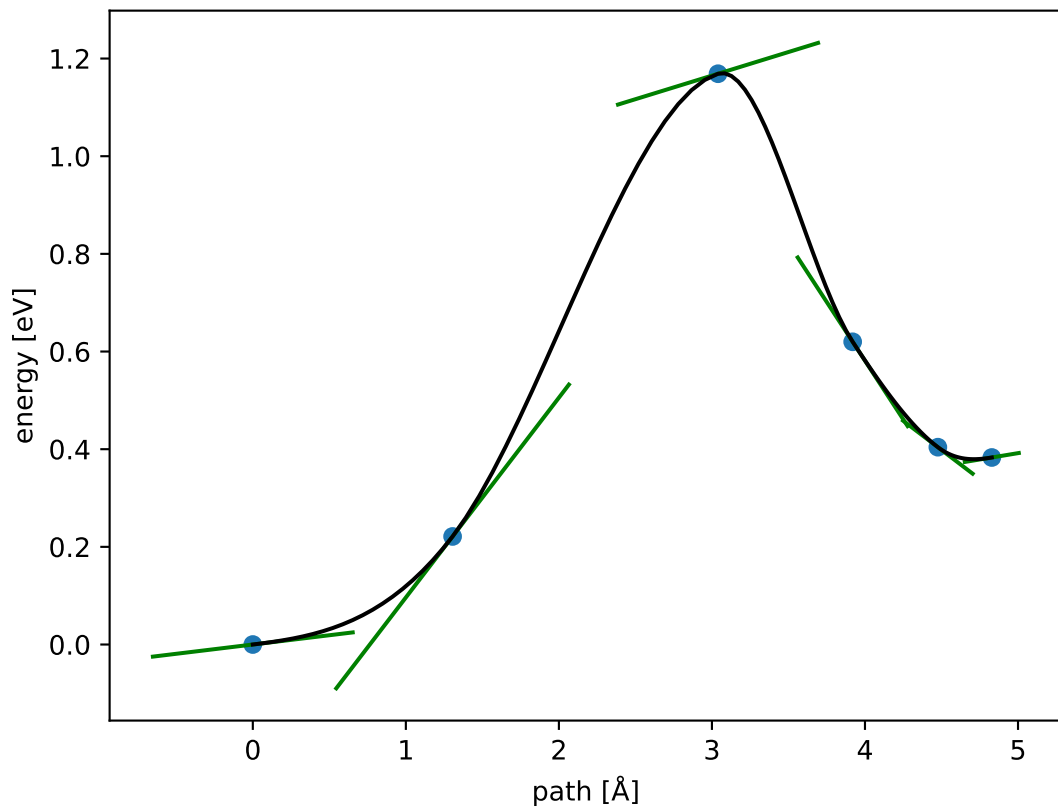
$$E_f \approx 1.150 \text{ eV}; E_r \approx 0.767 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



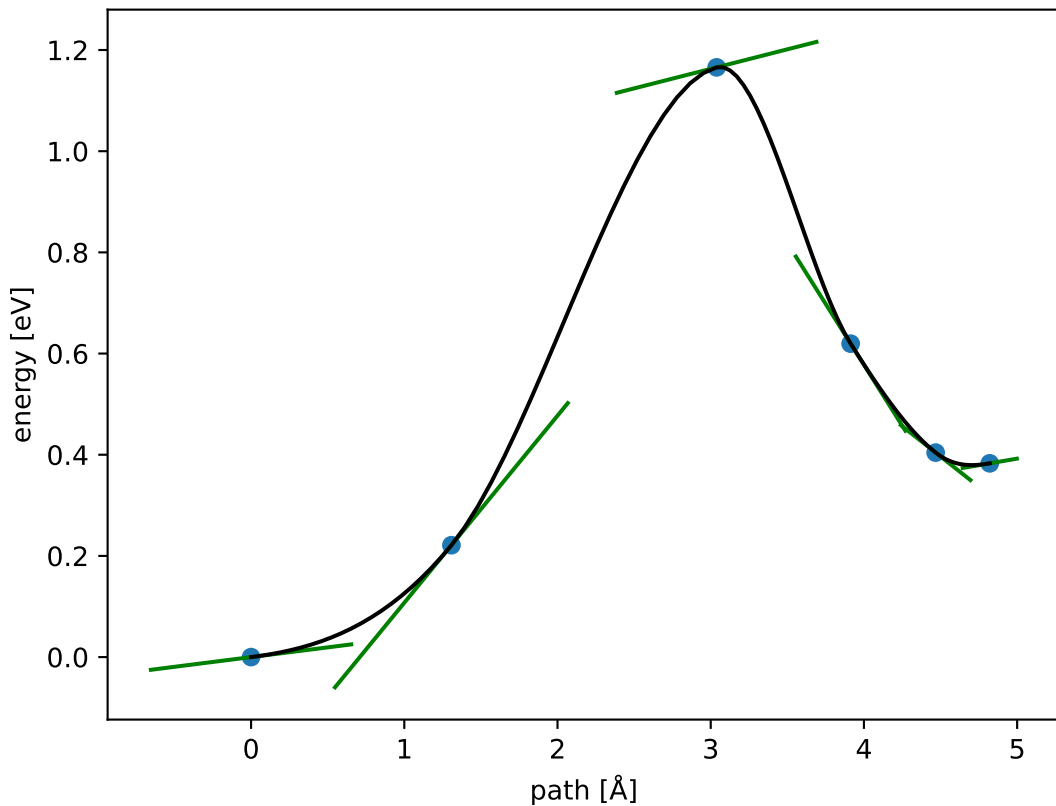
$$E_f \approx 1.170 \text{ eV}; E_r \approx 0.787 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



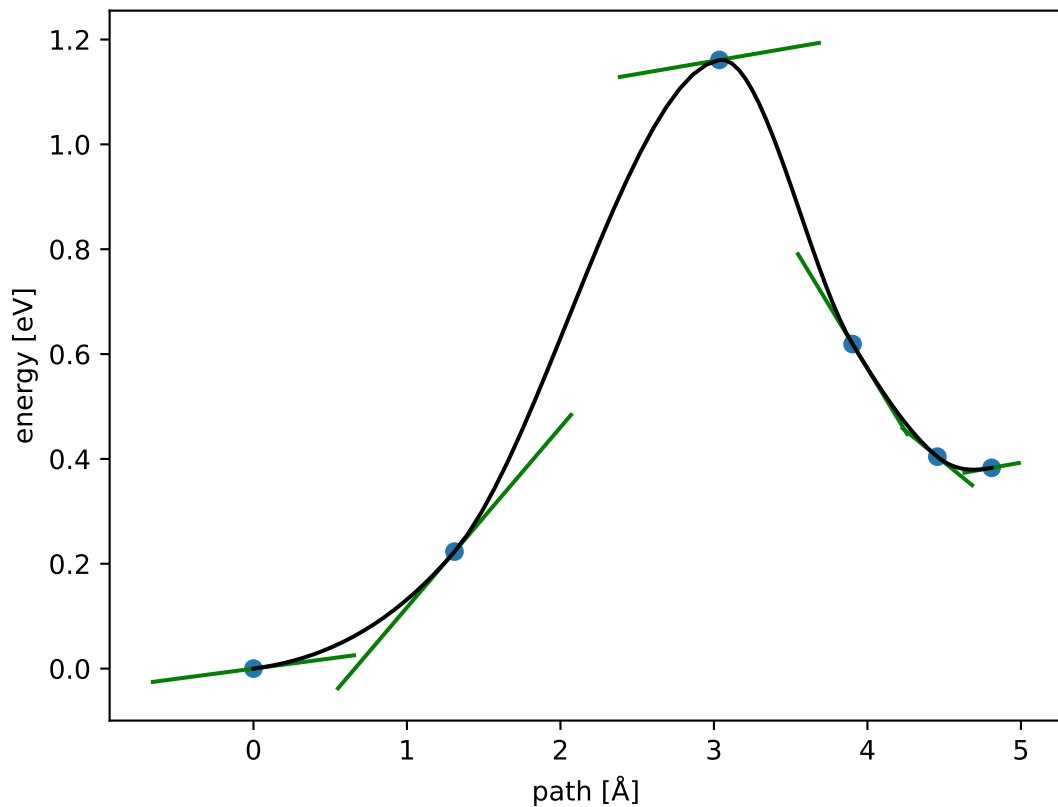
$$E_f \approx 1.169 \text{ eV}; E_r \approx 0.786 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



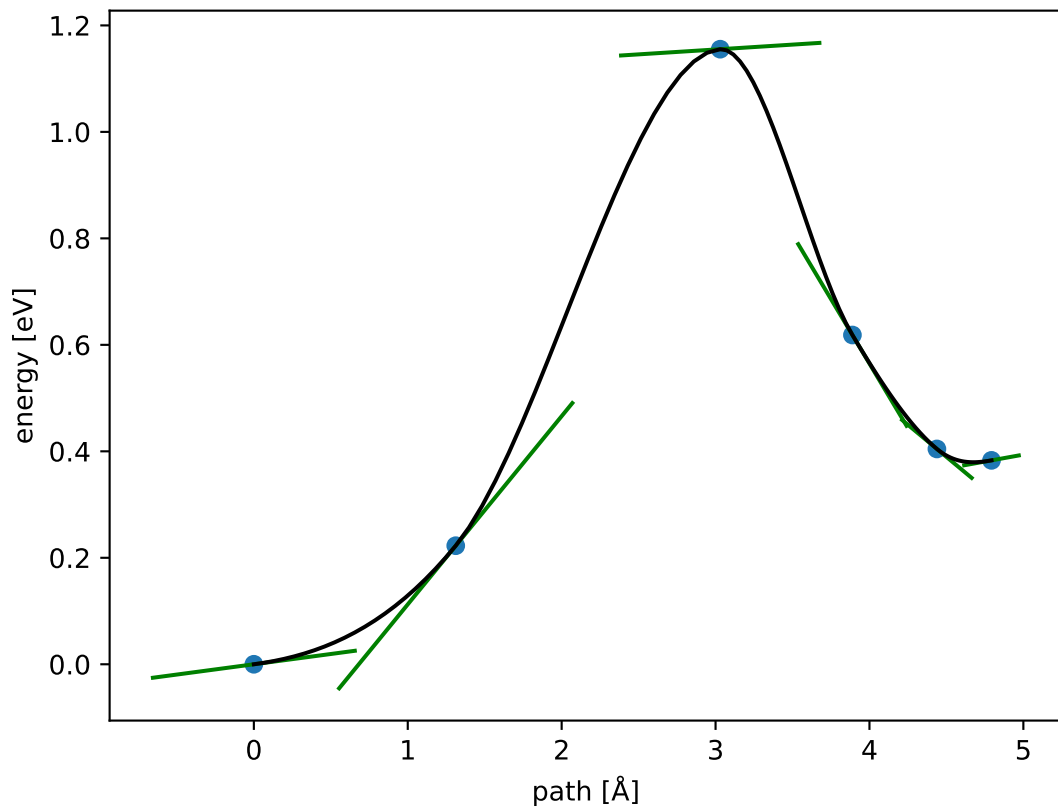
$$E_f \approx 1.166 \text{ eV}; E_r \approx 0.783 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



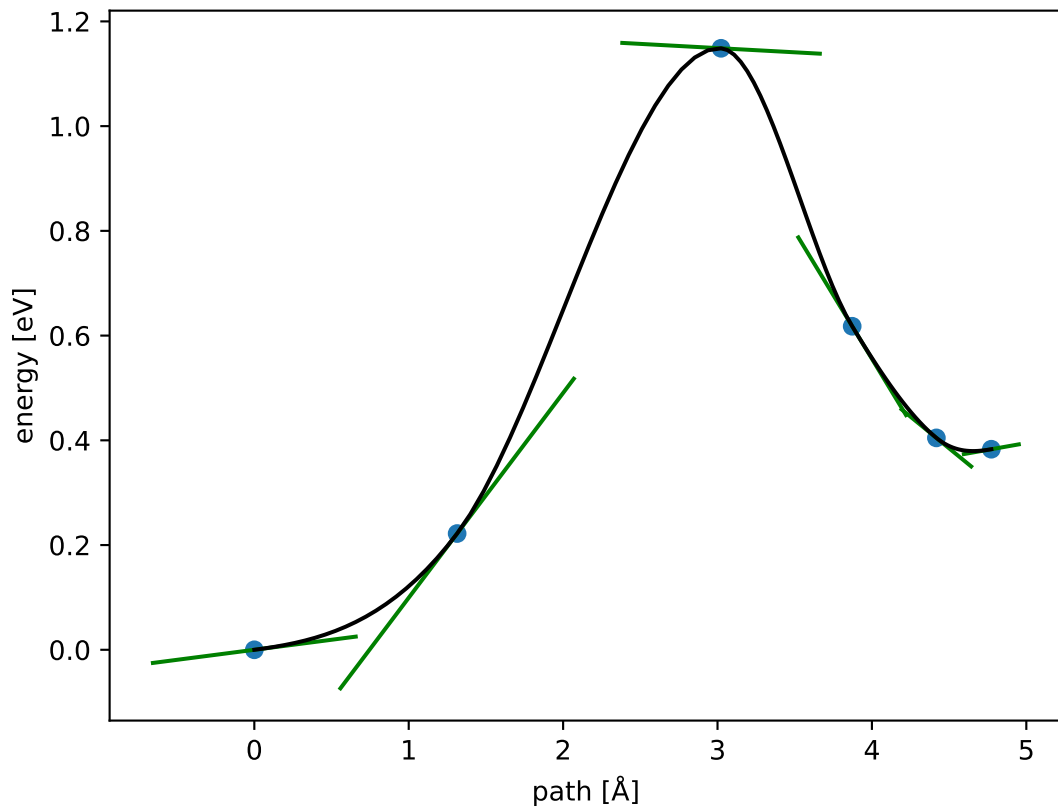
$$E_f \approx 1.161 \text{ eV}; E_r \approx 0.778 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



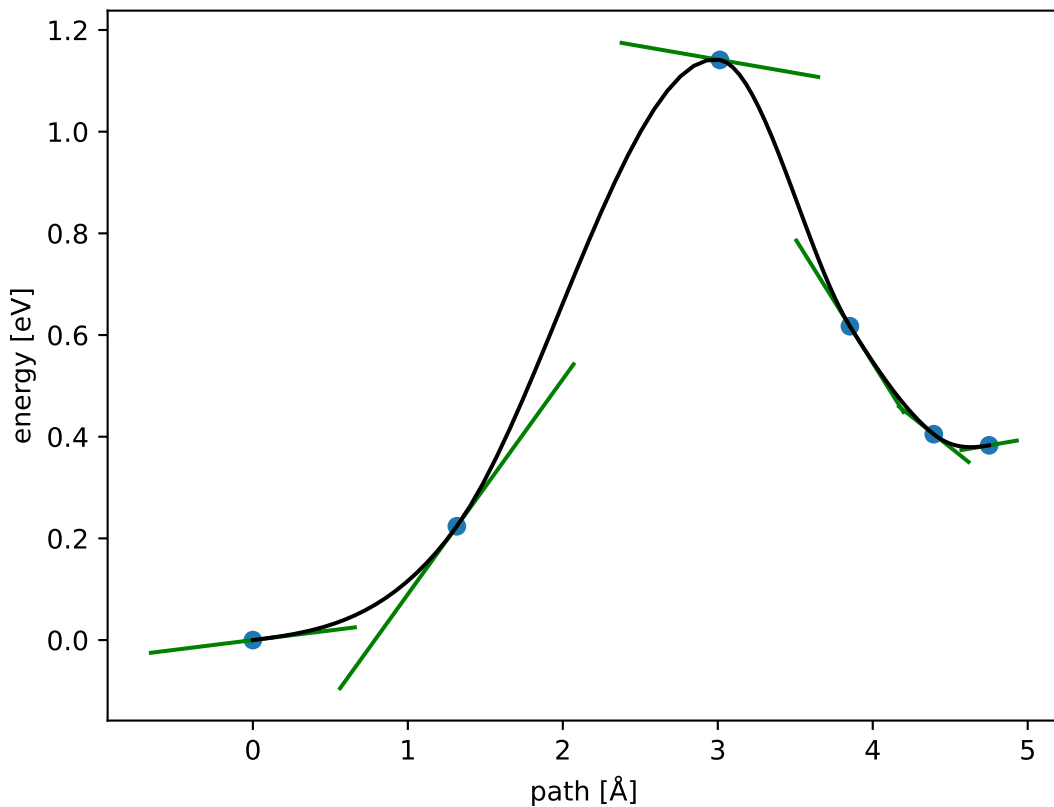
$$E_f \approx 1.155 \text{ eV}; E_r \approx 0.772 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



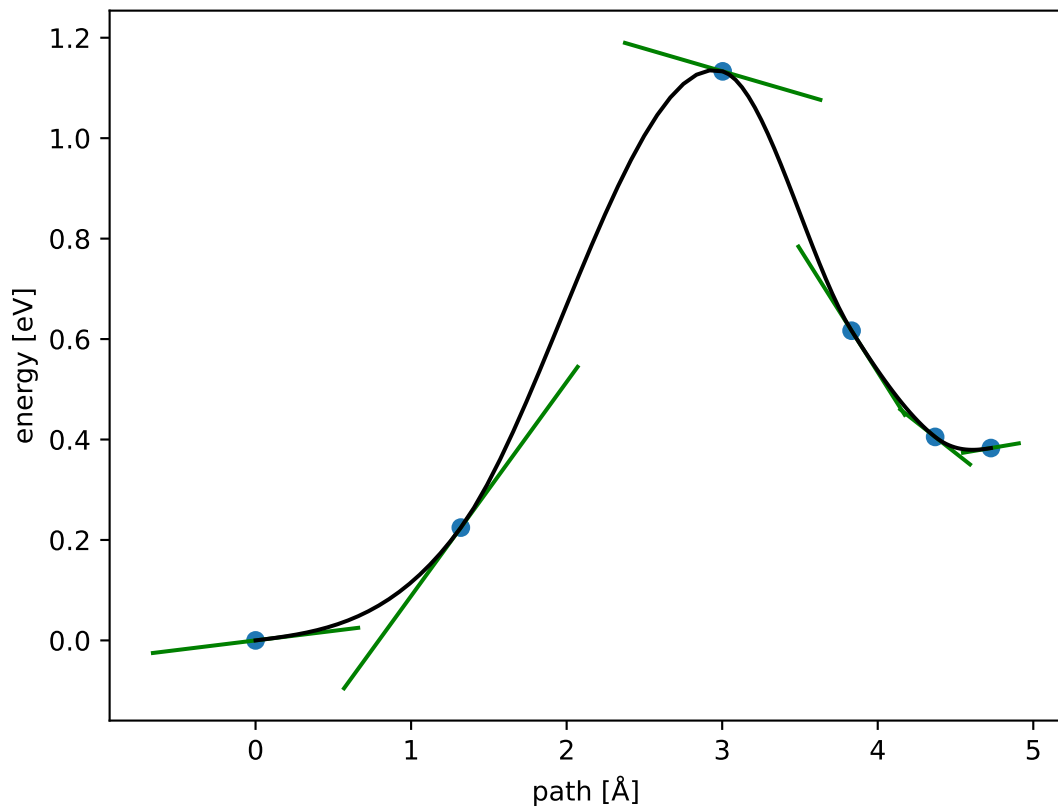
$$E_f \approx 1.149 \text{ eV}; E_r \approx 0.766 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



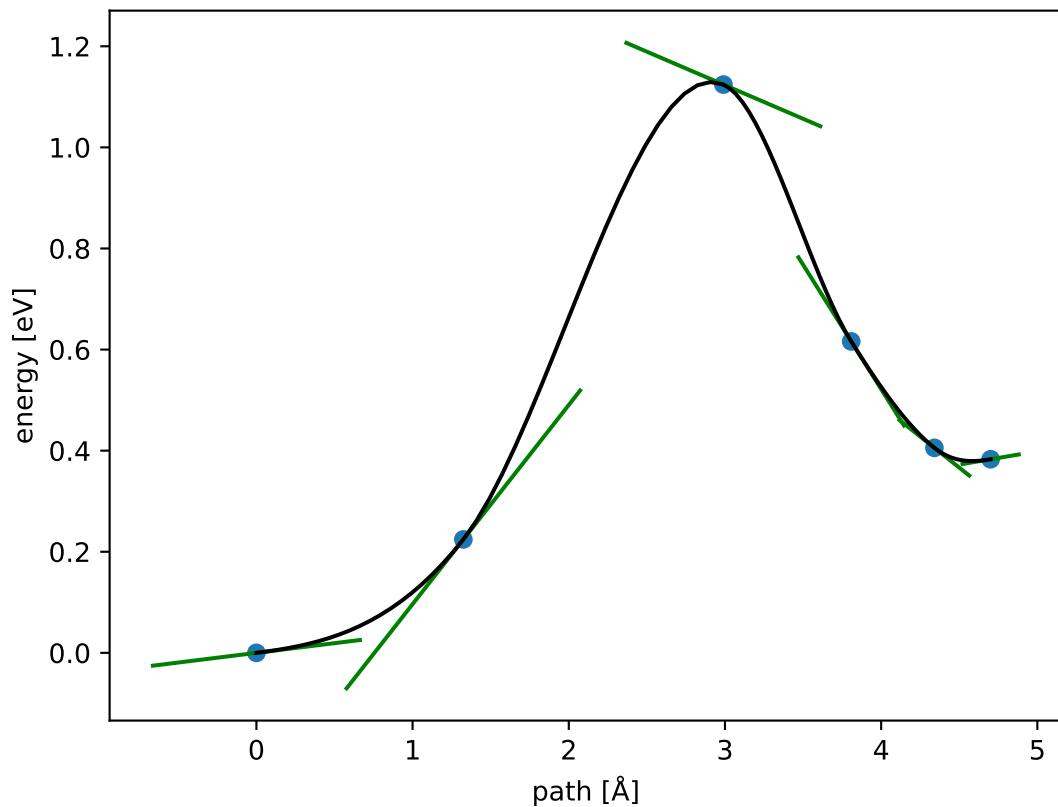
$$E_f \approx 1.141 \text{ eV}; E_r \approx 0.758 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



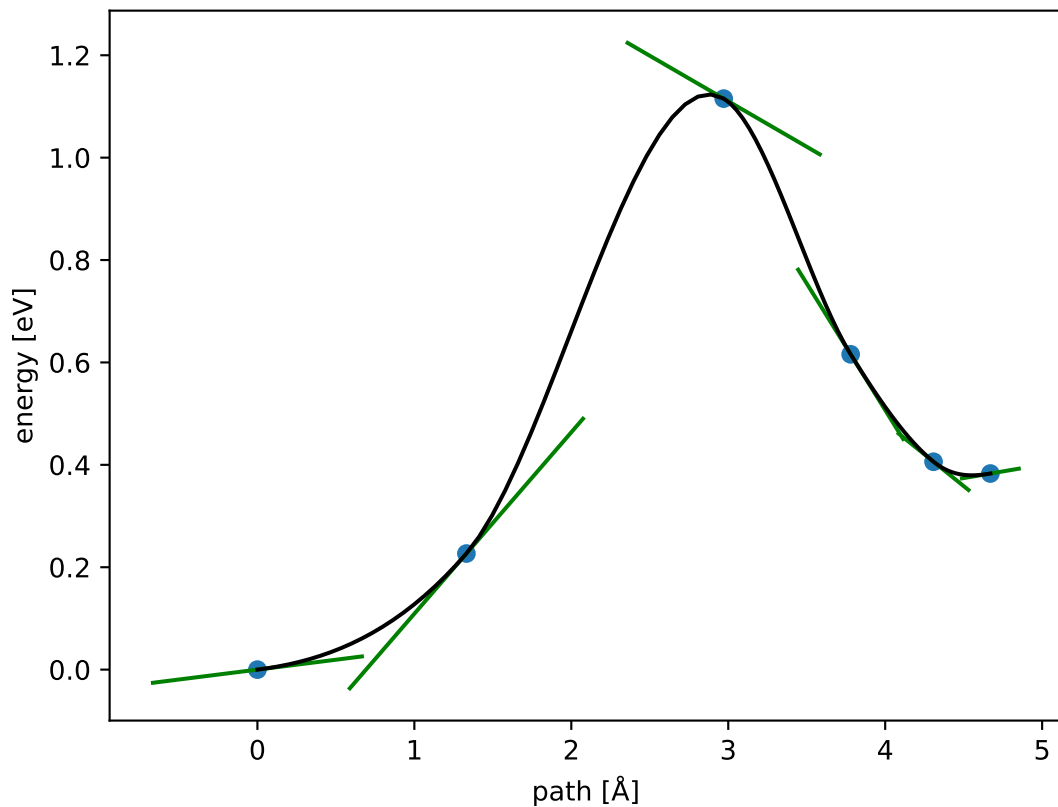
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



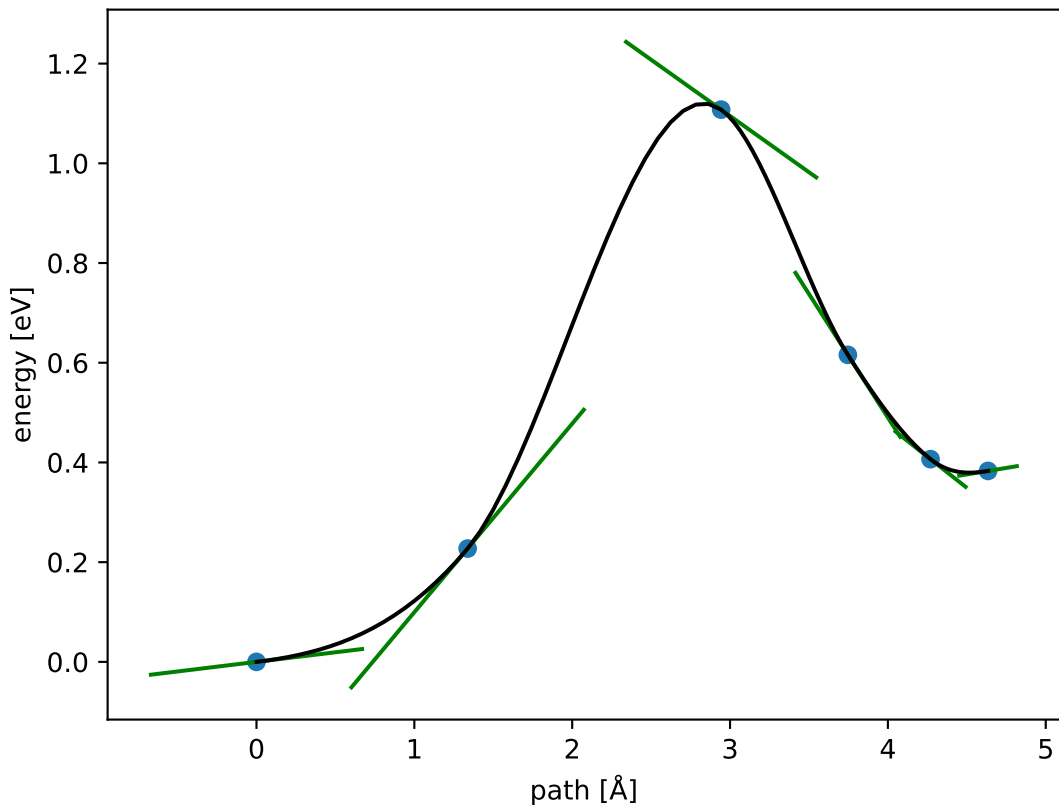
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



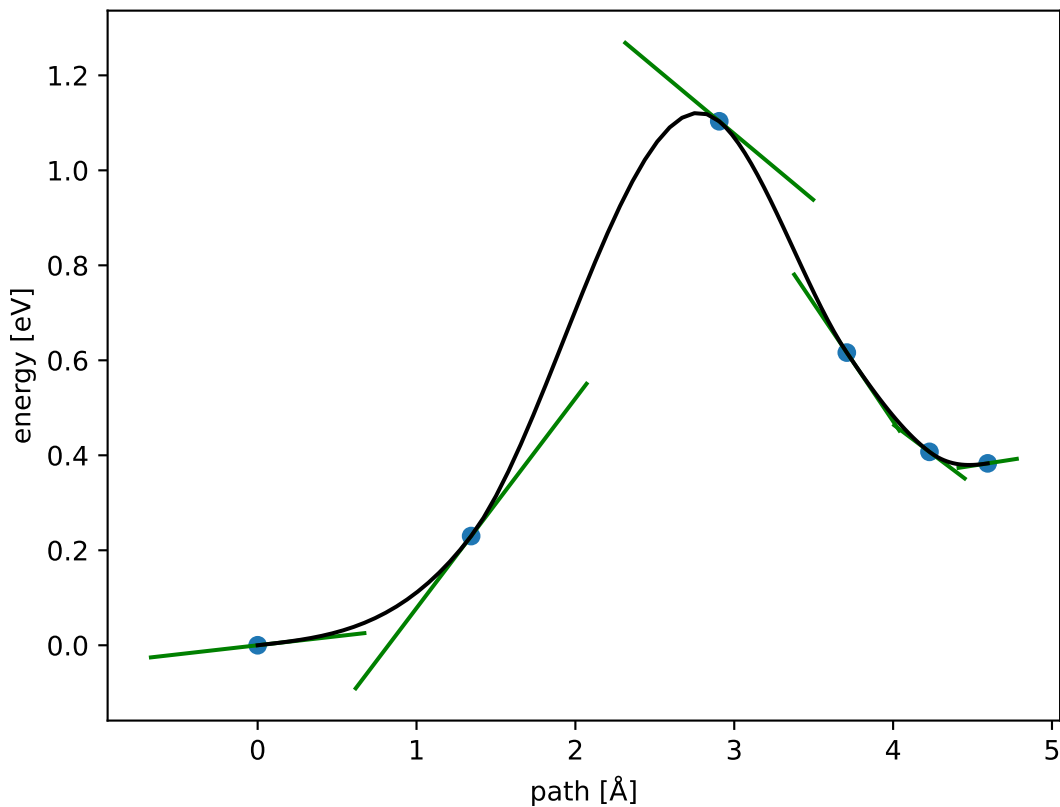
$$E_f \approx 1.115 \text{ eV}; E_r \approx 0.732 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



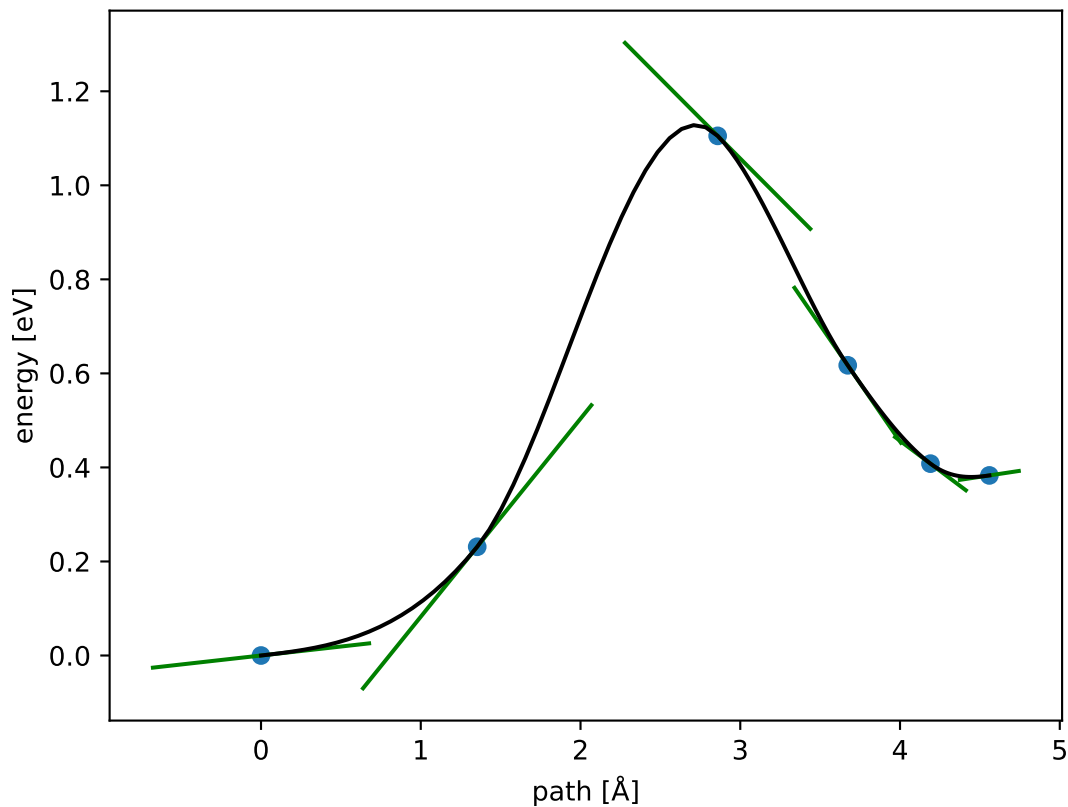
$$E_f \approx 1.108 \text{ eV}; E_r \approx 0.725 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



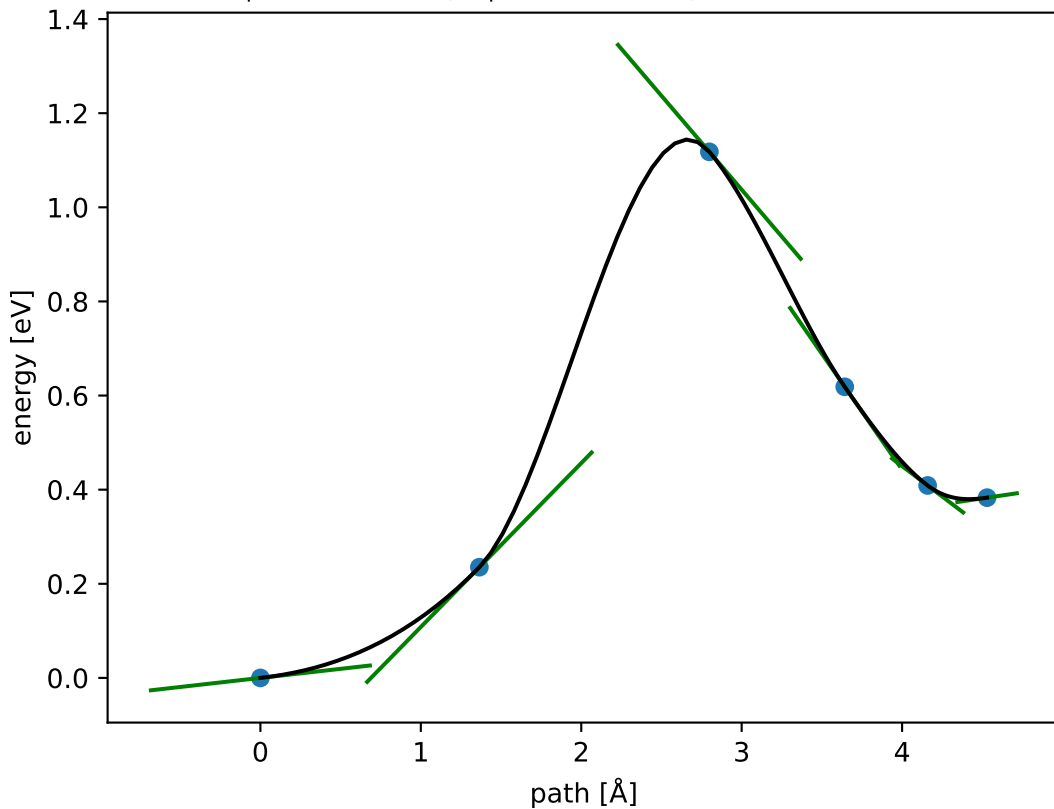
$$E_f \approx 1.103 \text{ eV}; E_r \approx 0.720 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



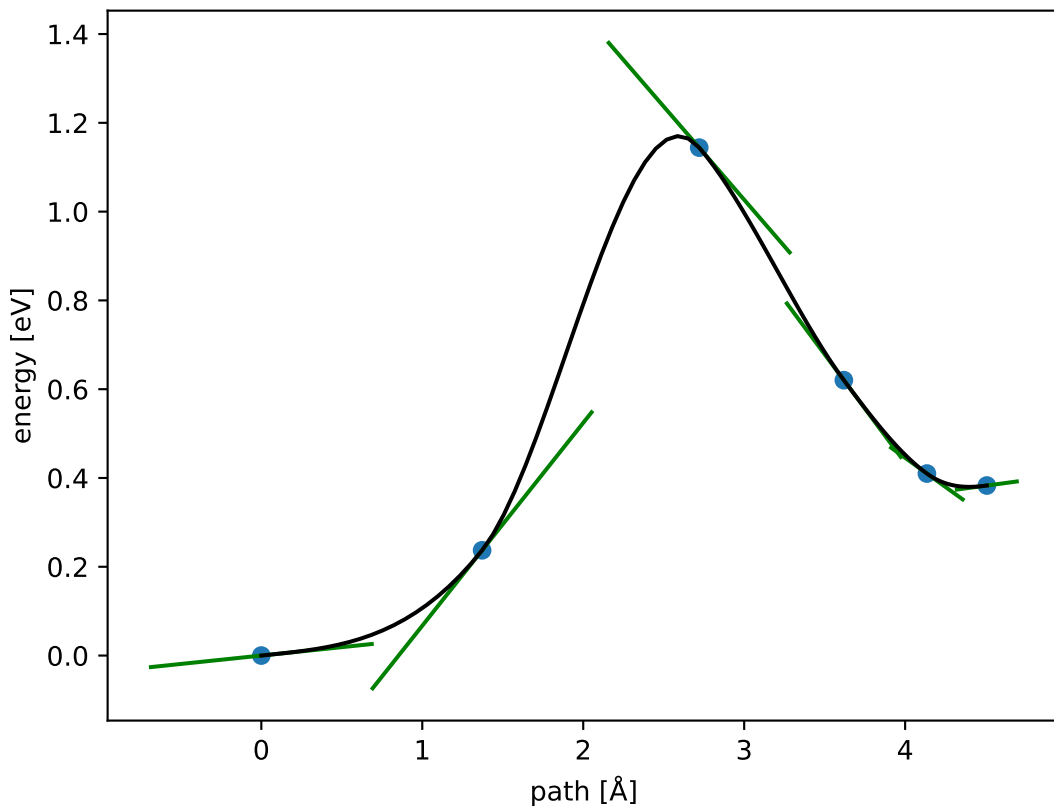
$$E_f \approx 1.105 \text{ eV}; E_r \approx 0.722 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



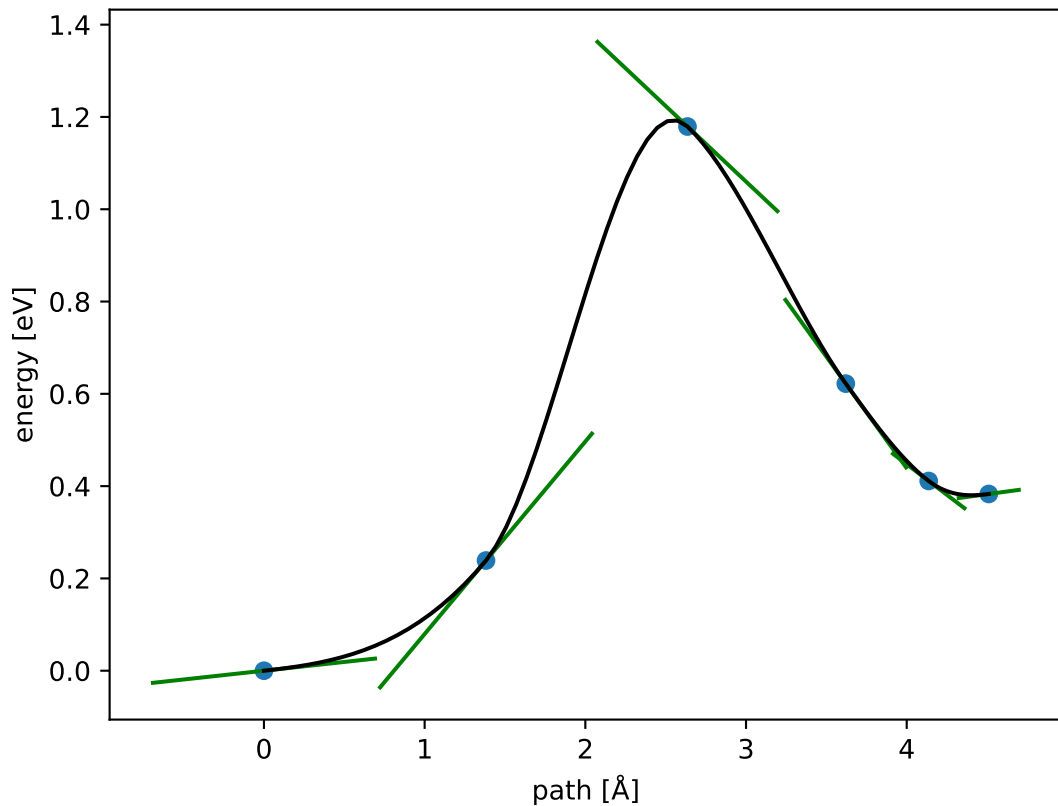
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



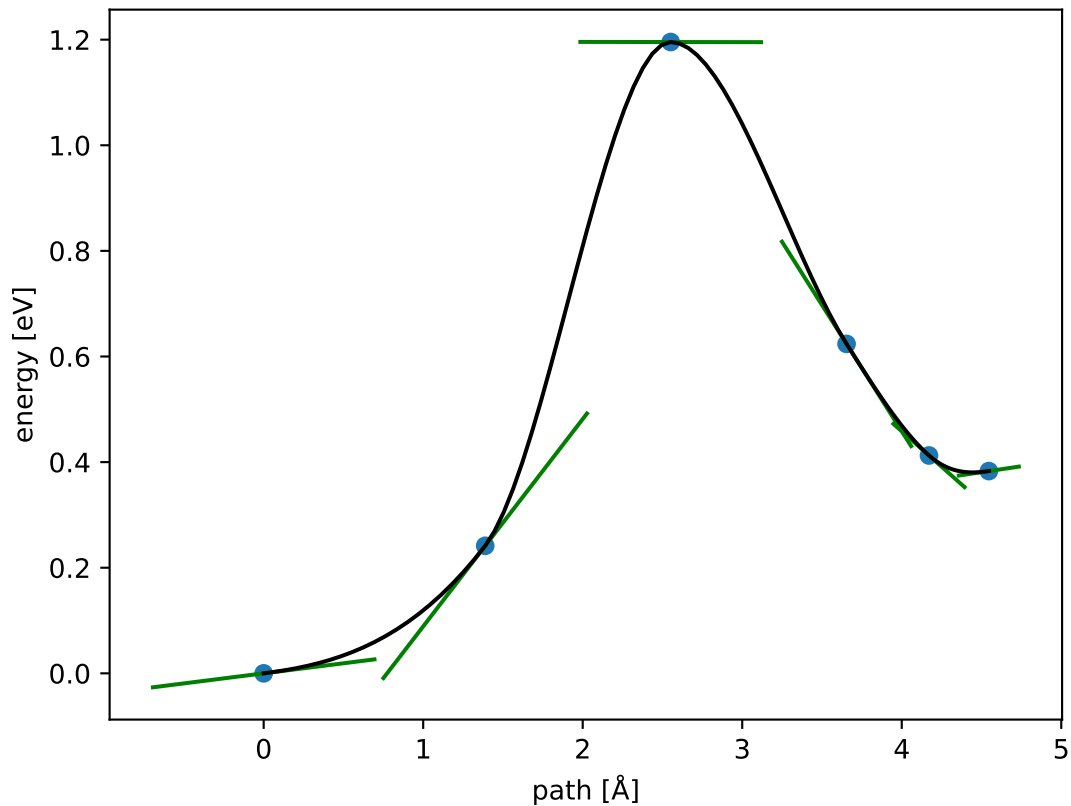
$$E_f \approx 1.144 \text{ eV}; E_r \approx 0.761 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



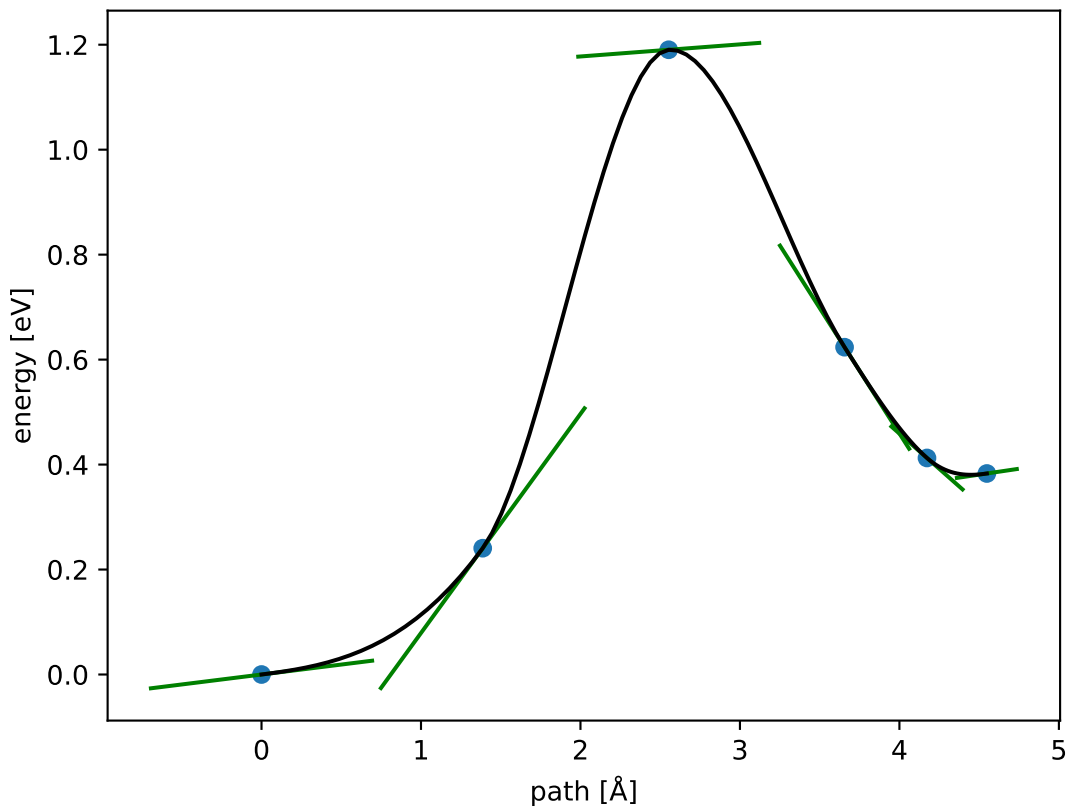
$$E_f \approx 1.179 \text{ eV}; E_r \approx 0.796 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



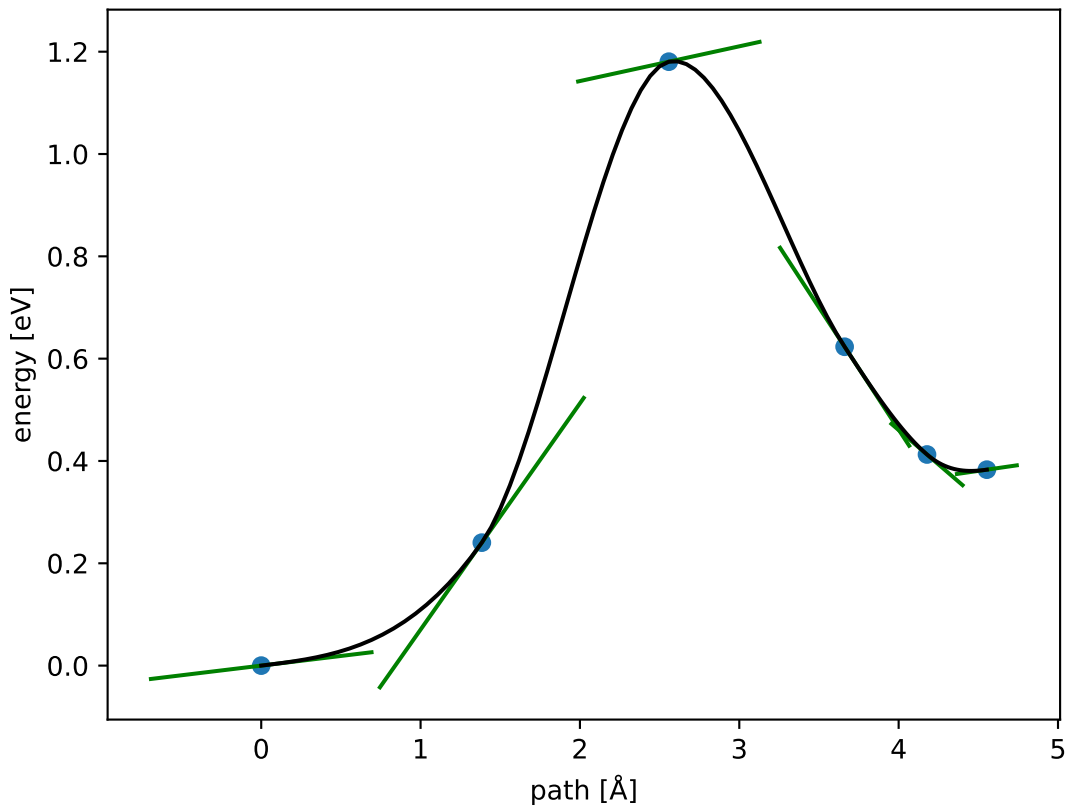
$$E_f \approx 1.196 \text{ eV}; E_r \approx 0.812 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



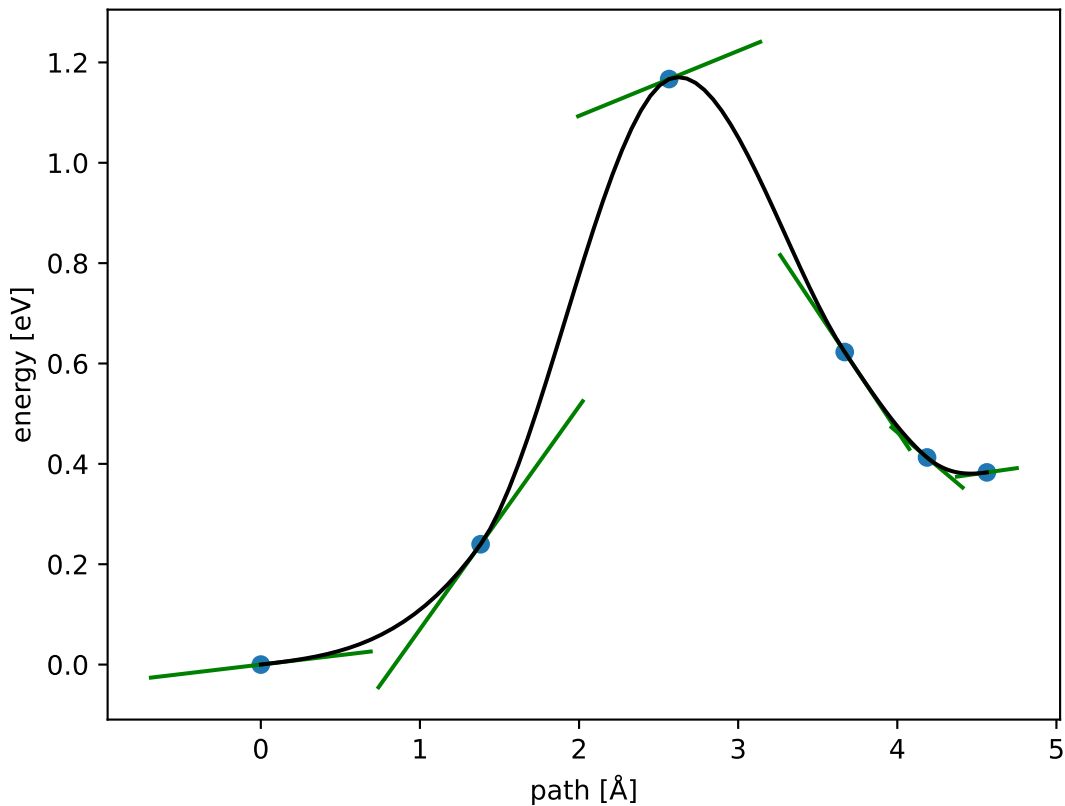
$$E_f \approx 1.190 \text{ eV}; E_r \approx 0.807 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



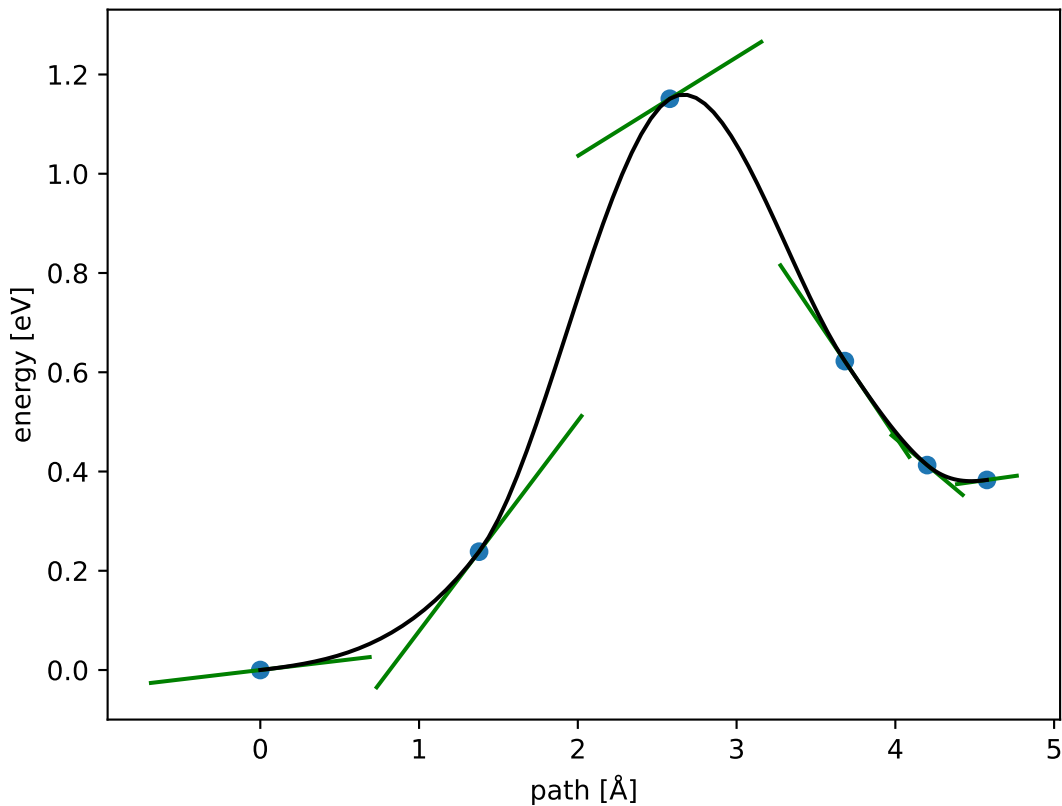
$$E_f \approx 1.180 \text{ eV}; E_r \approx 0.797 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



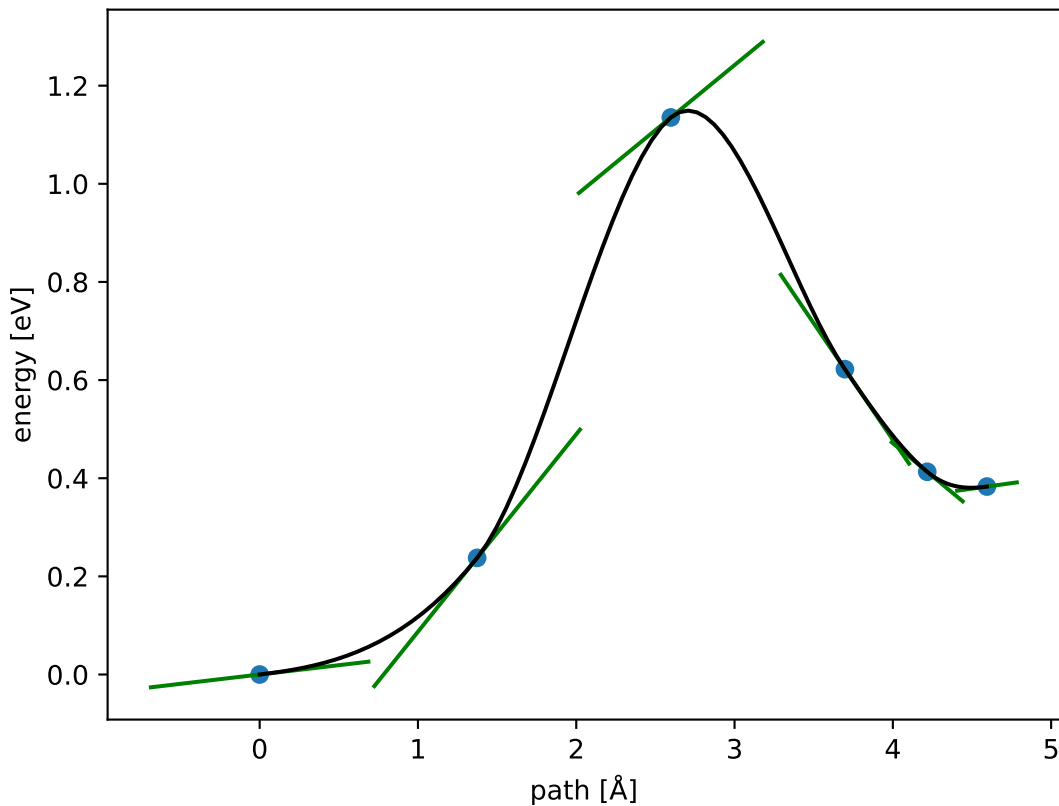
$$E_f \approx 1.167 \text{ eV}; E_r \approx 0.784 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



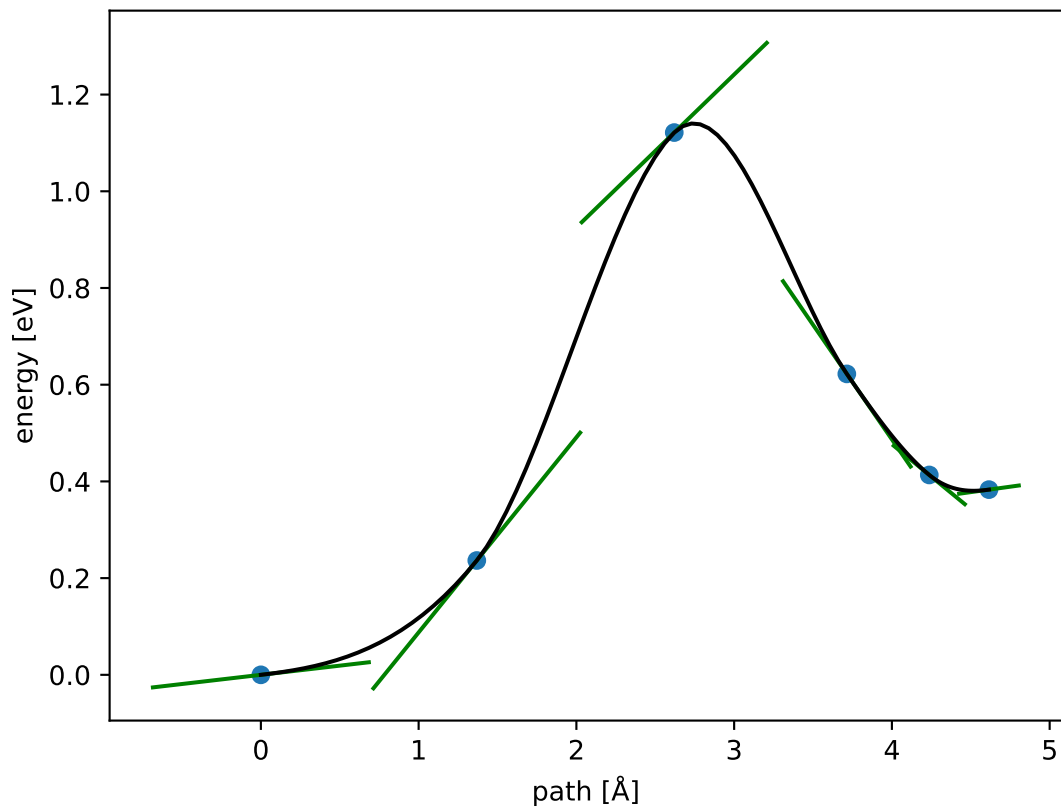
$$E_f \approx 1.151 \text{ eV}; E_r \approx 0.768 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



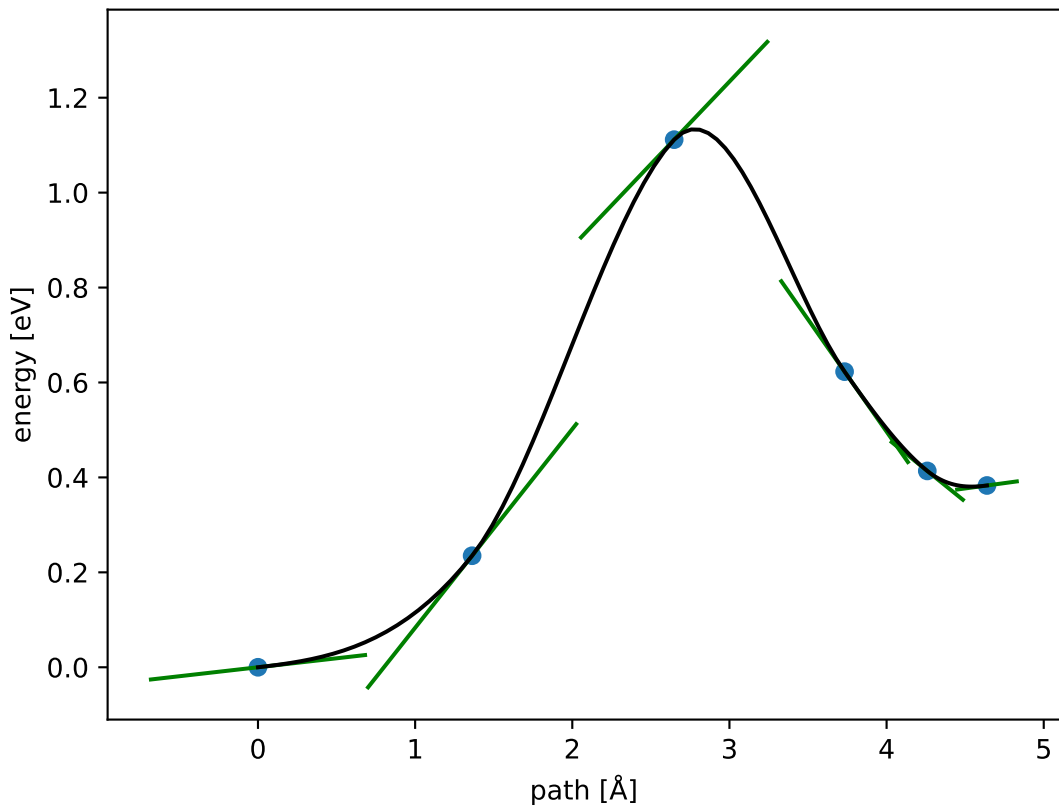
$$E_f \approx 1.135 \text{ eV}; E_r \approx 0.752 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



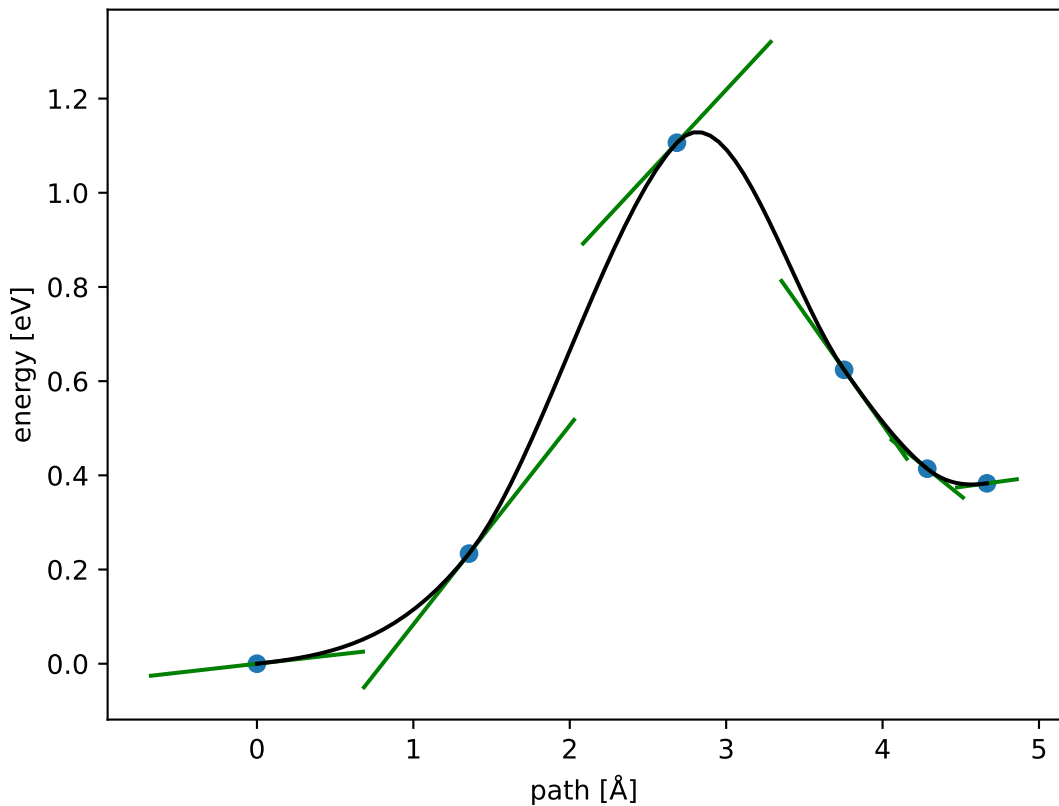
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



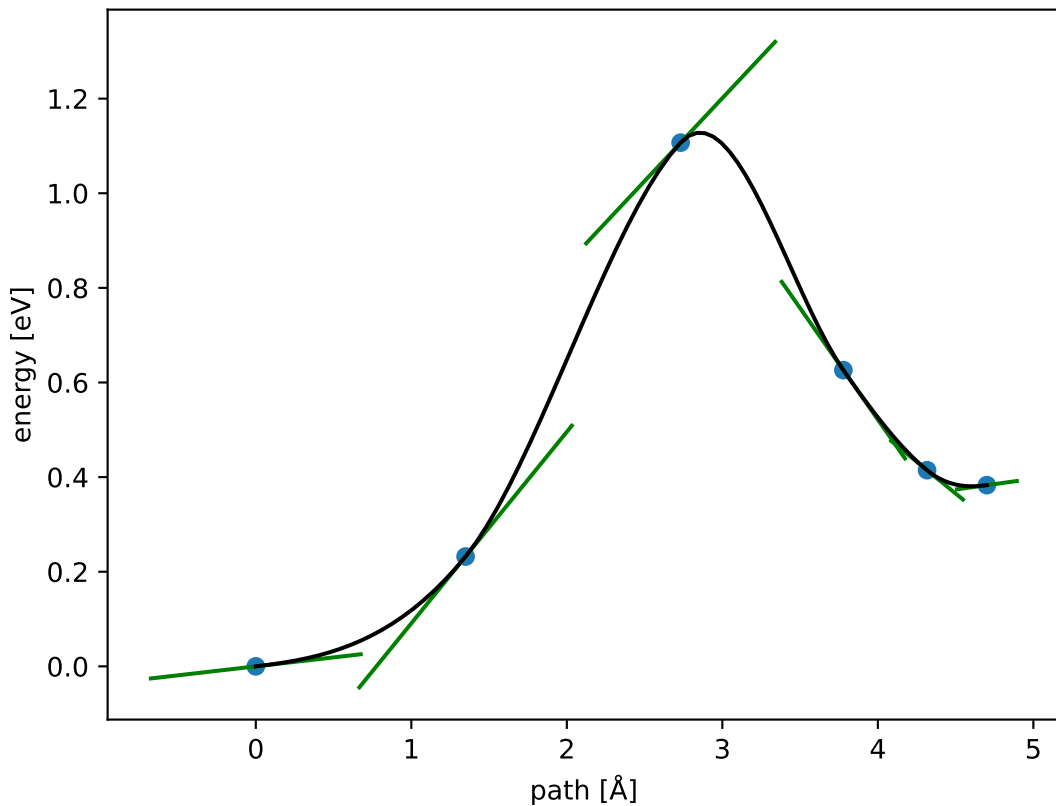
$$E_f \approx 1.112 \text{ eV}; E_r \approx 0.729 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



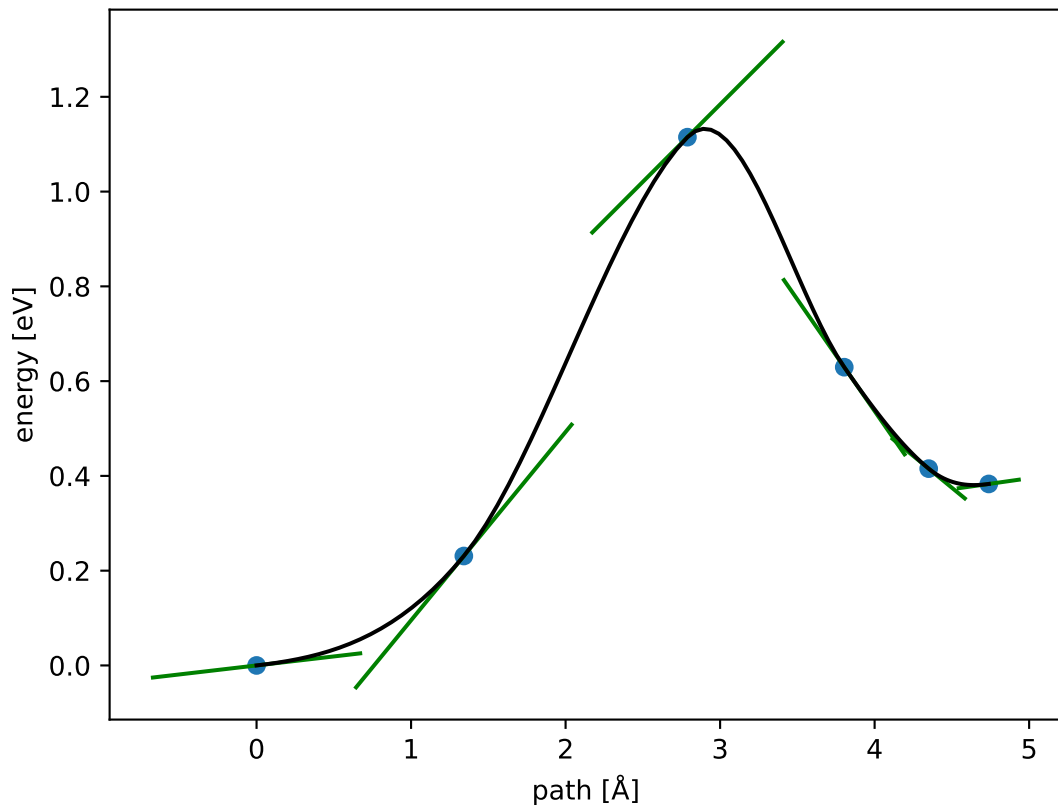
$$E_f \approx 1.106 \text{ eV}; E_r \approx 0.723 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



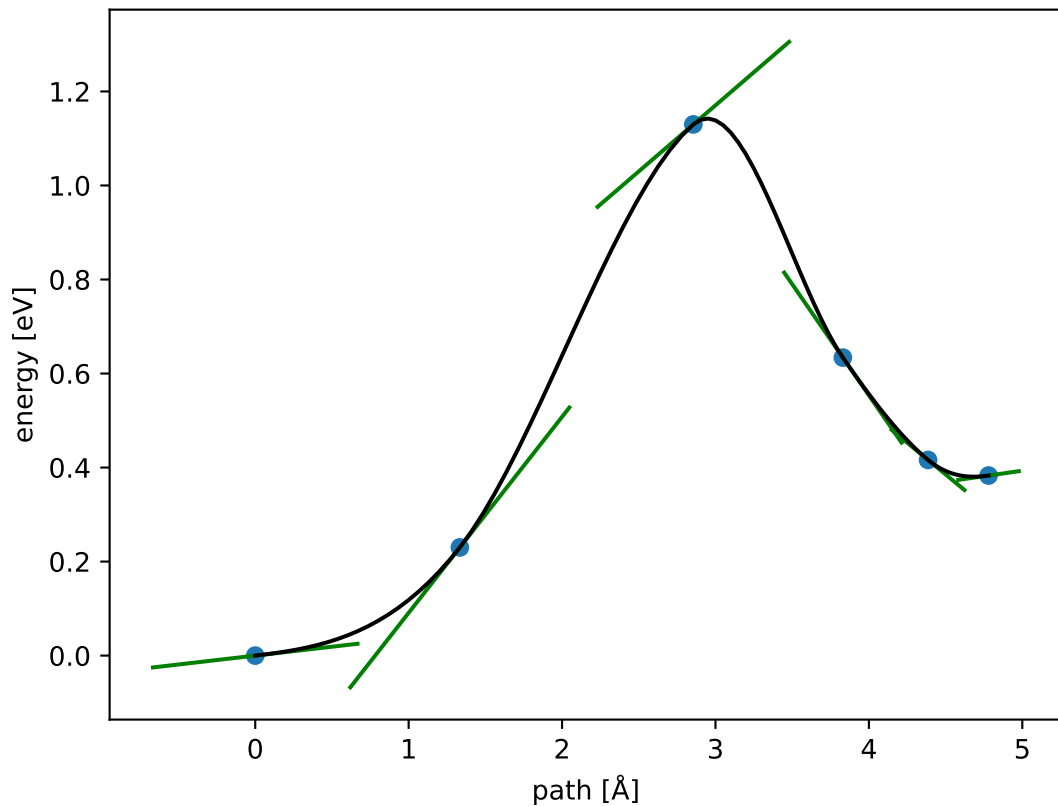
$$E_f \approx 1.107 \text{ eV}; E_r \approx 0.724 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



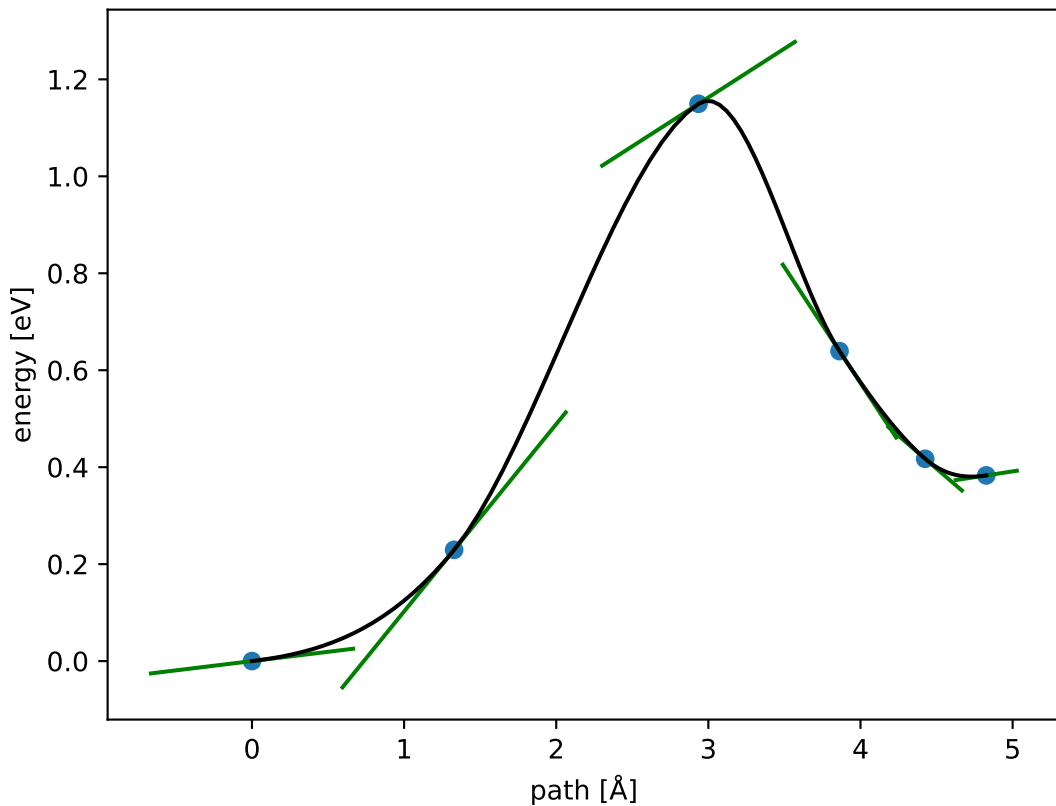
$$E_f \approx 1.115 \text{ eV}; E_r \approx 0.732 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



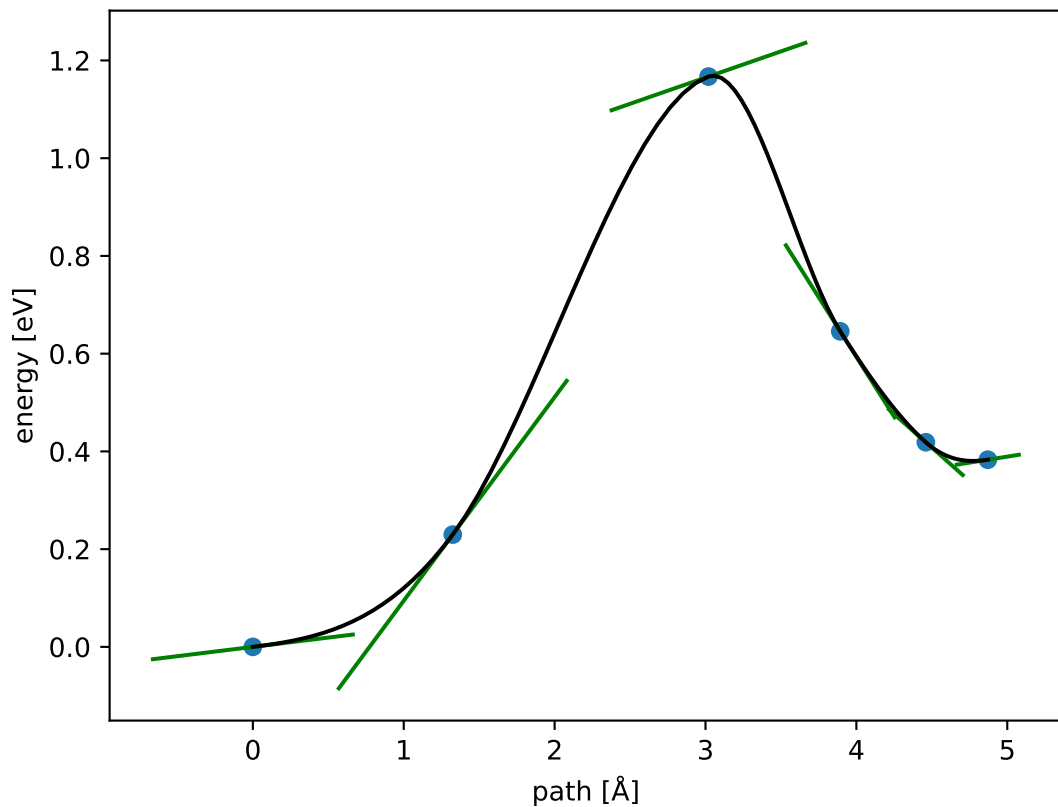
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



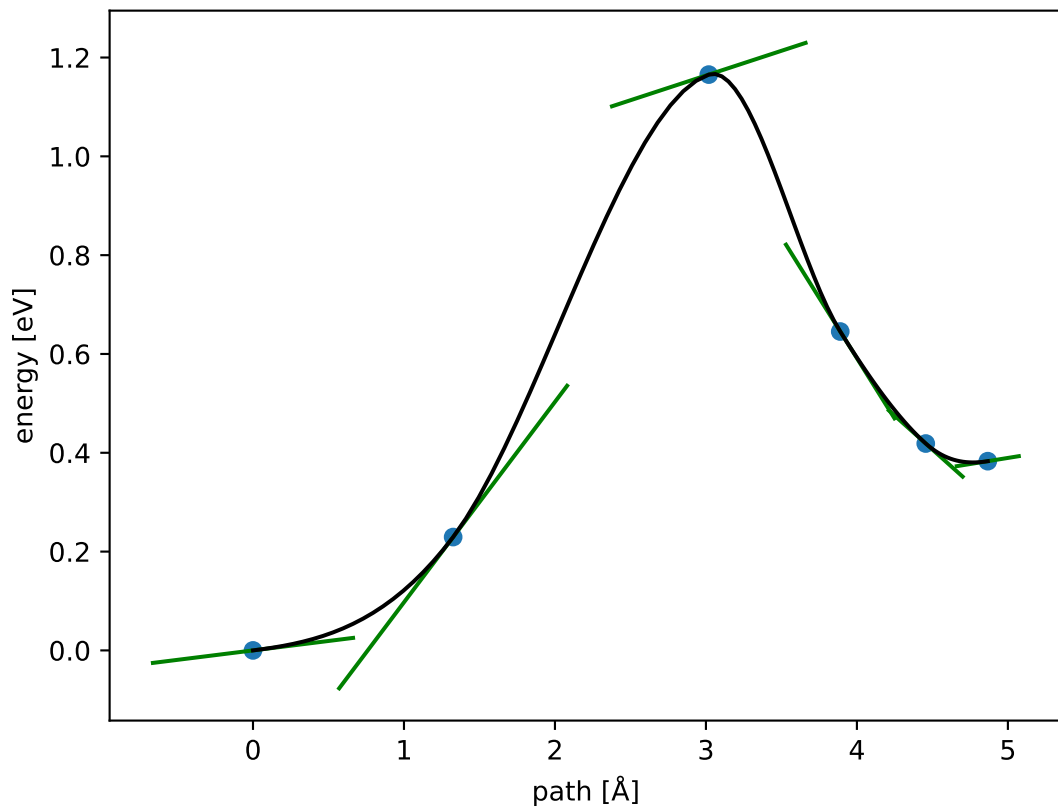
$$E_f \approx 1.150 \text{ eV}; E_r \approx 0.767 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



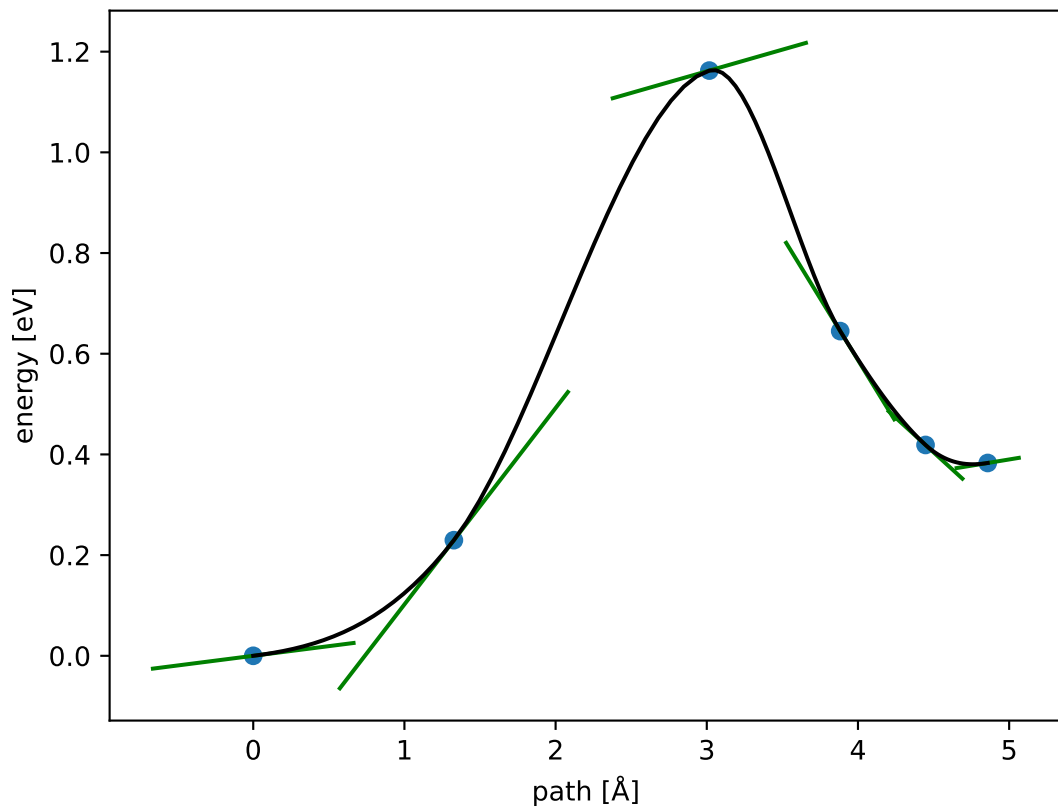
$$E_f \approx 1.167 \text{ eV}; E_r \approx 0.784 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



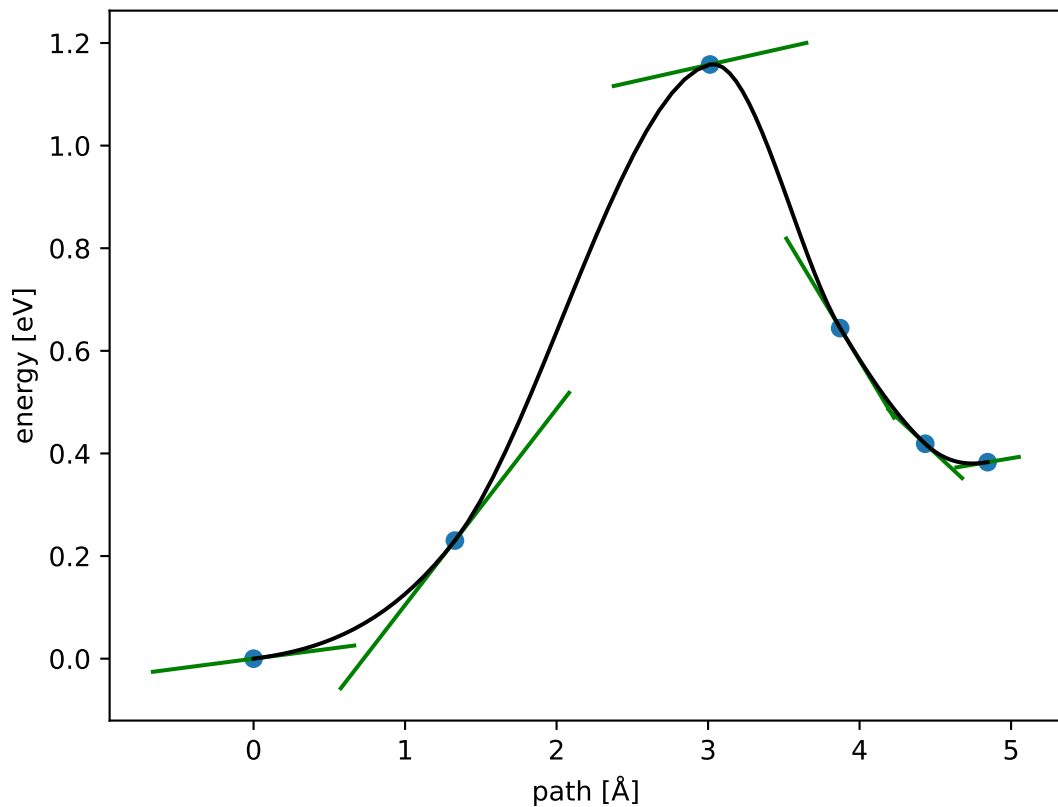
$$E_f \approx 1.165 \text{ eV}; E_r \approx 0.782 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



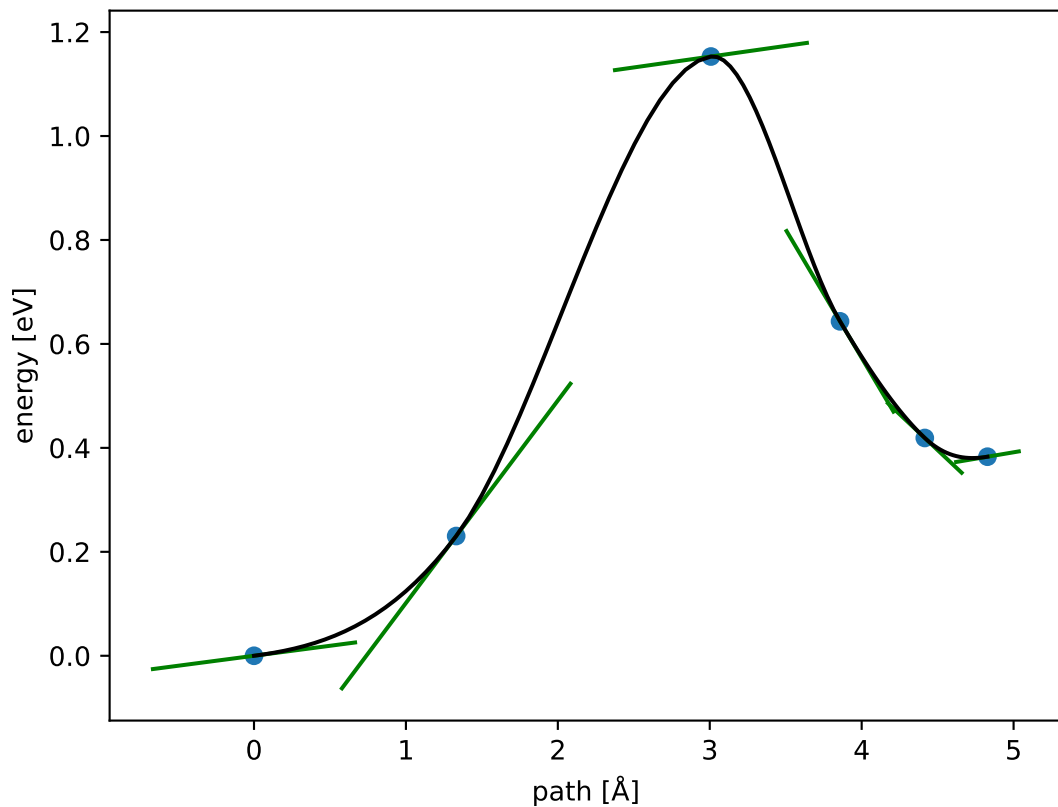
$$E_f \approx 1.162 \text{ eV}; E_r \approx 0.779 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



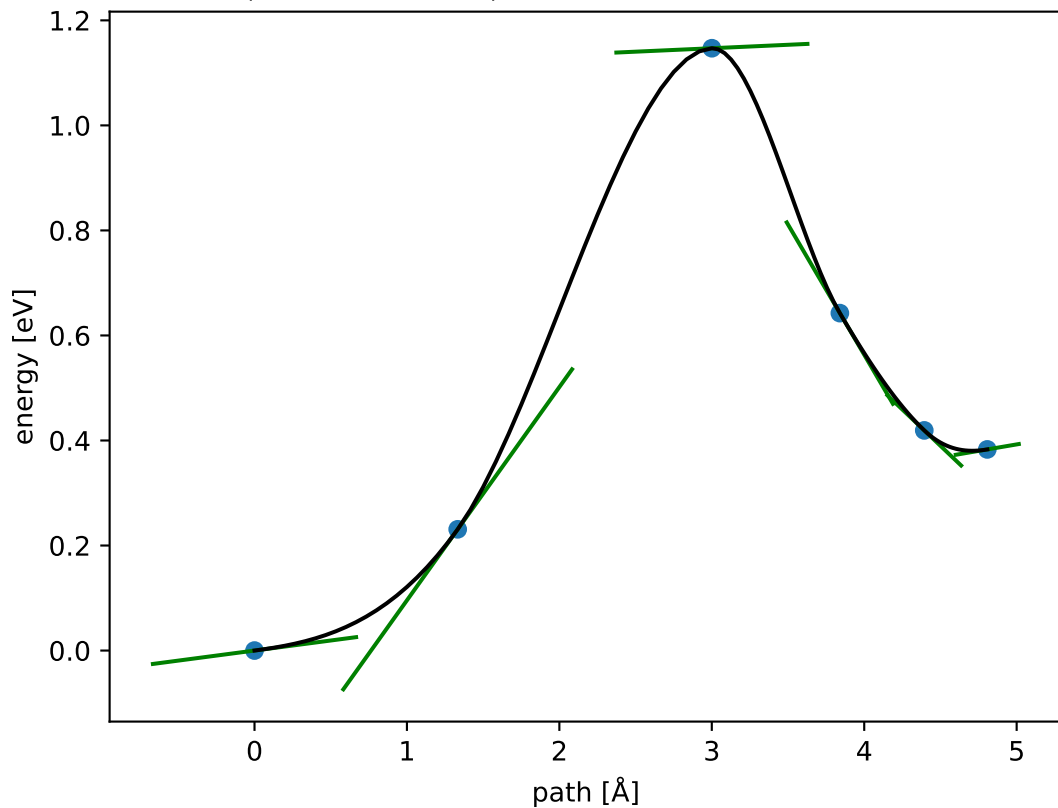
$$E_f \approx 1.158 \text{ eV}; E_r \approx 0.775 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



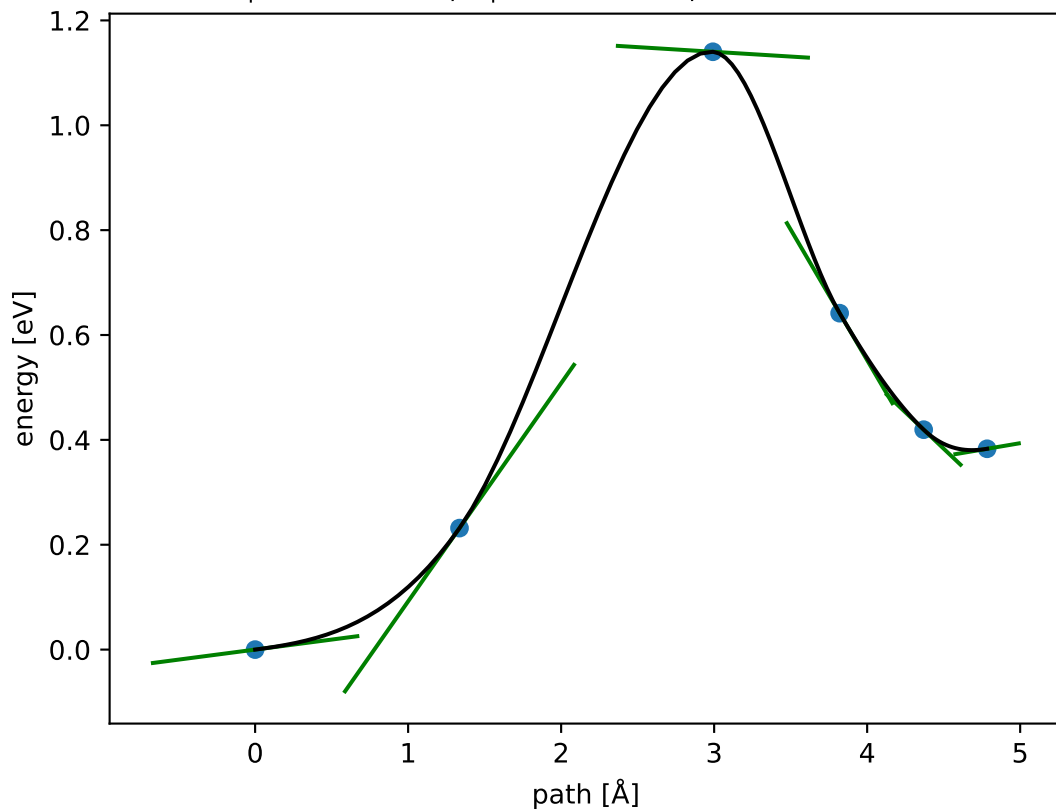
$$E_f \approx 1.153 \text{ eV}; E_r \approx 0.770 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



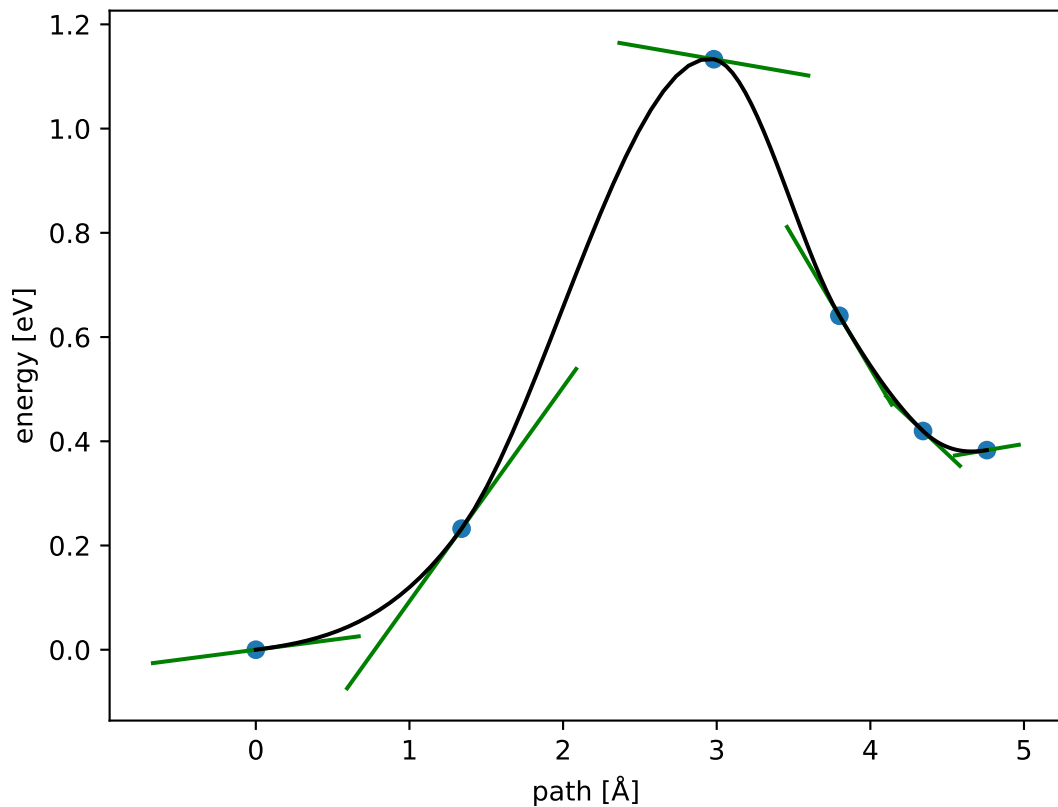
$$E_f \approx 1.147 \text{ eV}; E_r \approx 0.764 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



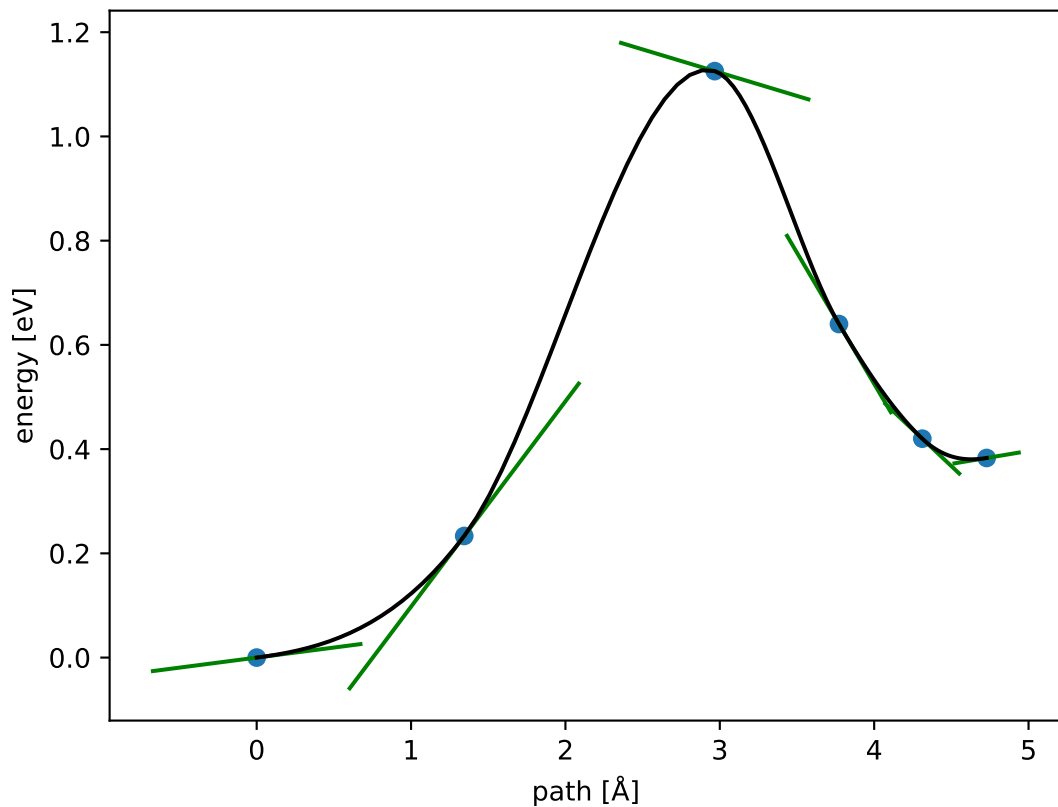
$$E_f \approx 1.140 \text{ eV}; E_r \approx 0.757 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



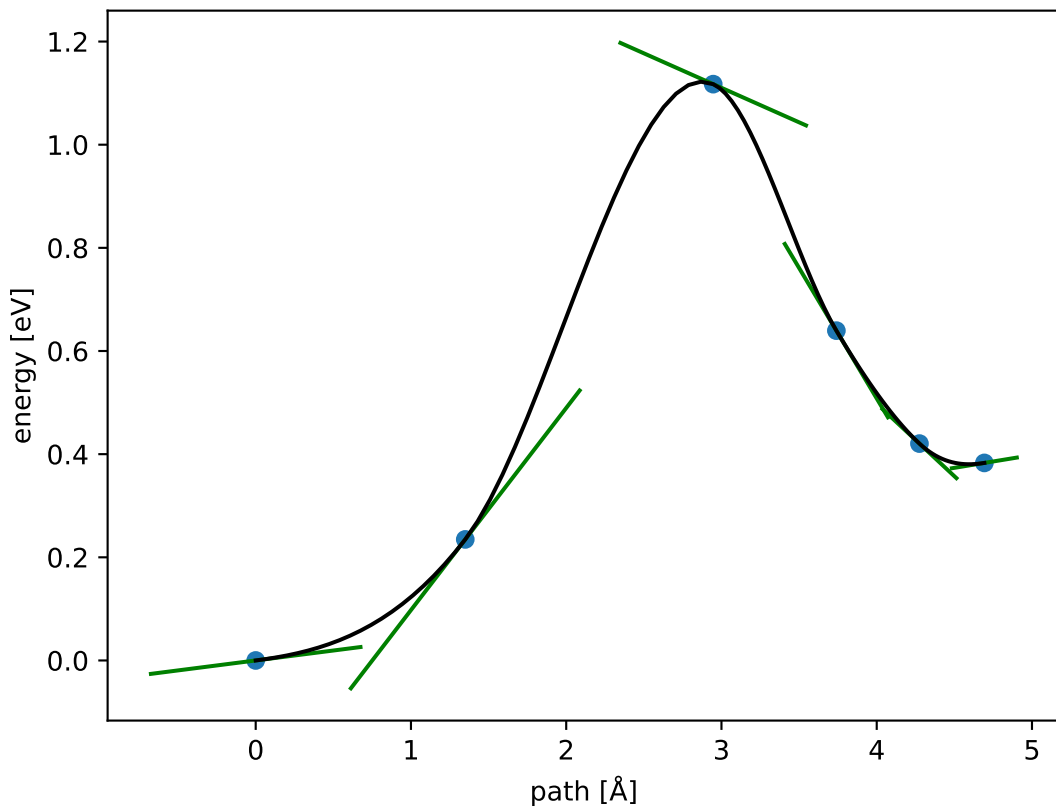
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



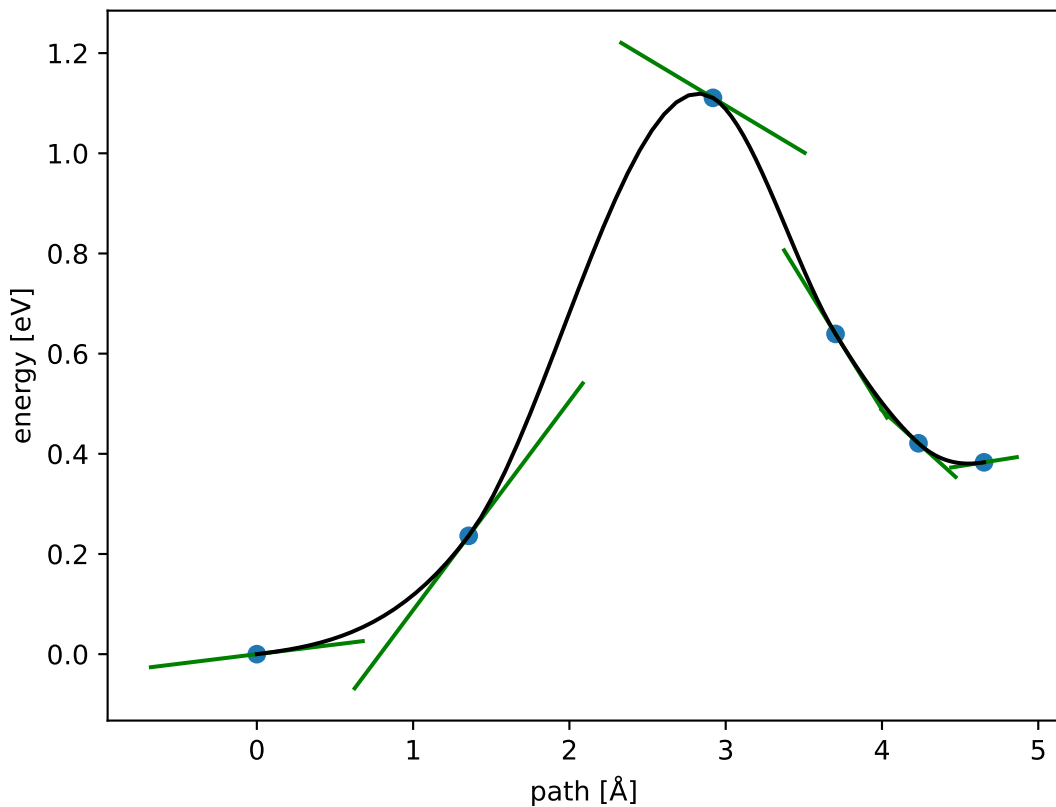
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



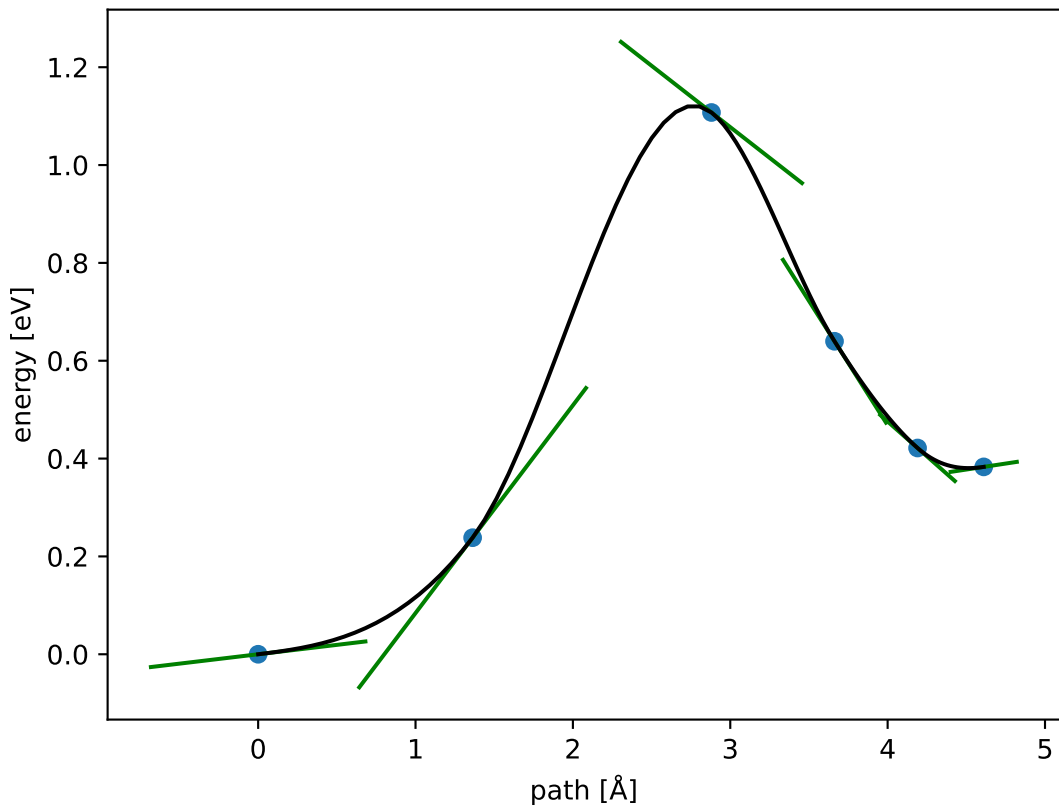
$$E_f \approx 1.117 \text{ eV}; E_r \approx 0.734 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



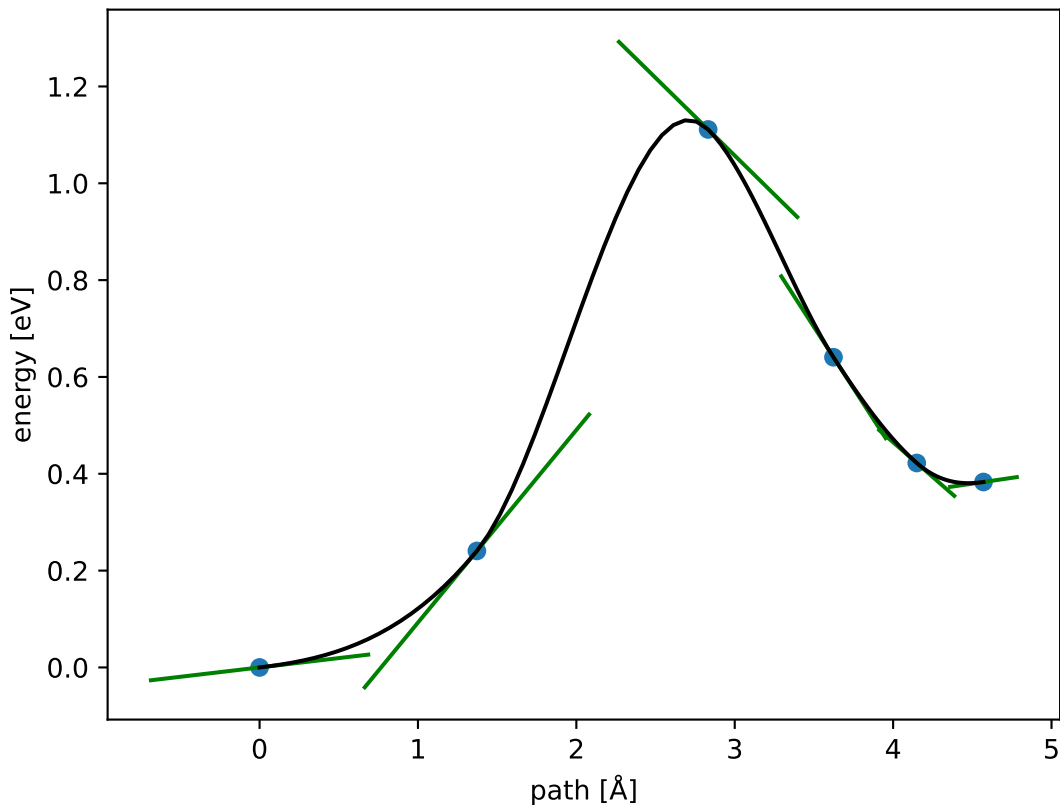
$$E_f \approx 1.111 \text{ eV}; E_r \approx 0.728 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



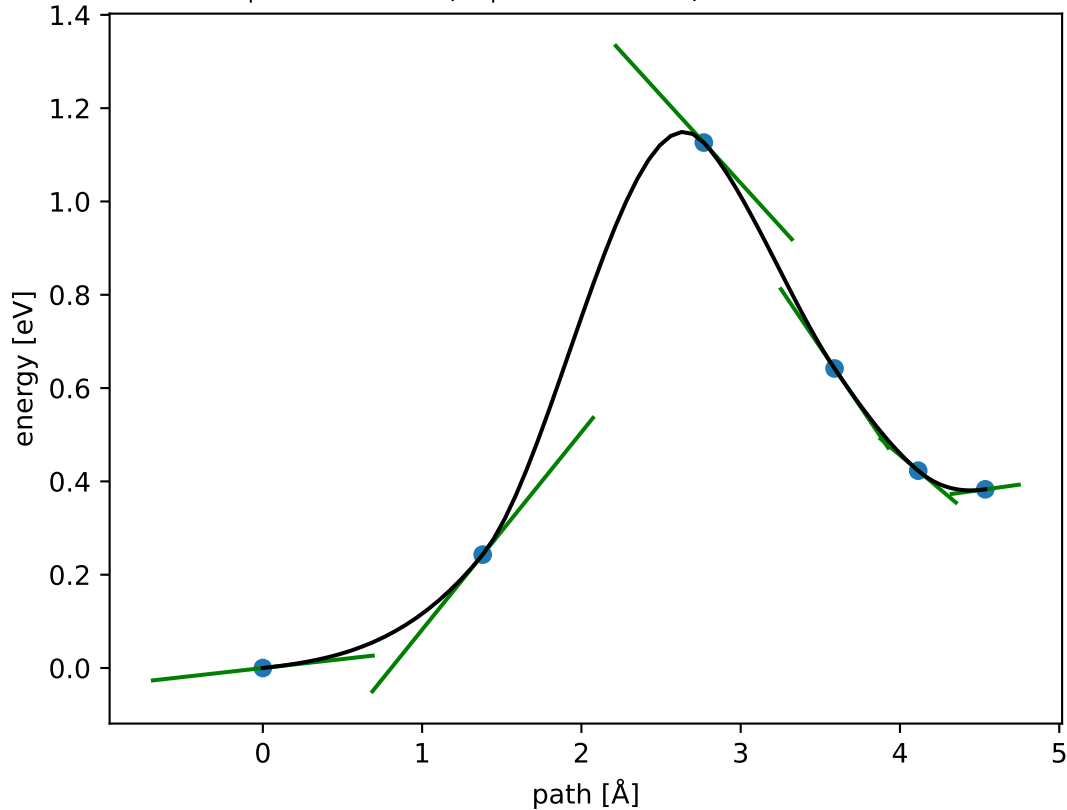
$$E_f \approx 1.107 \text{ eV}; E_r \approx 0.724 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



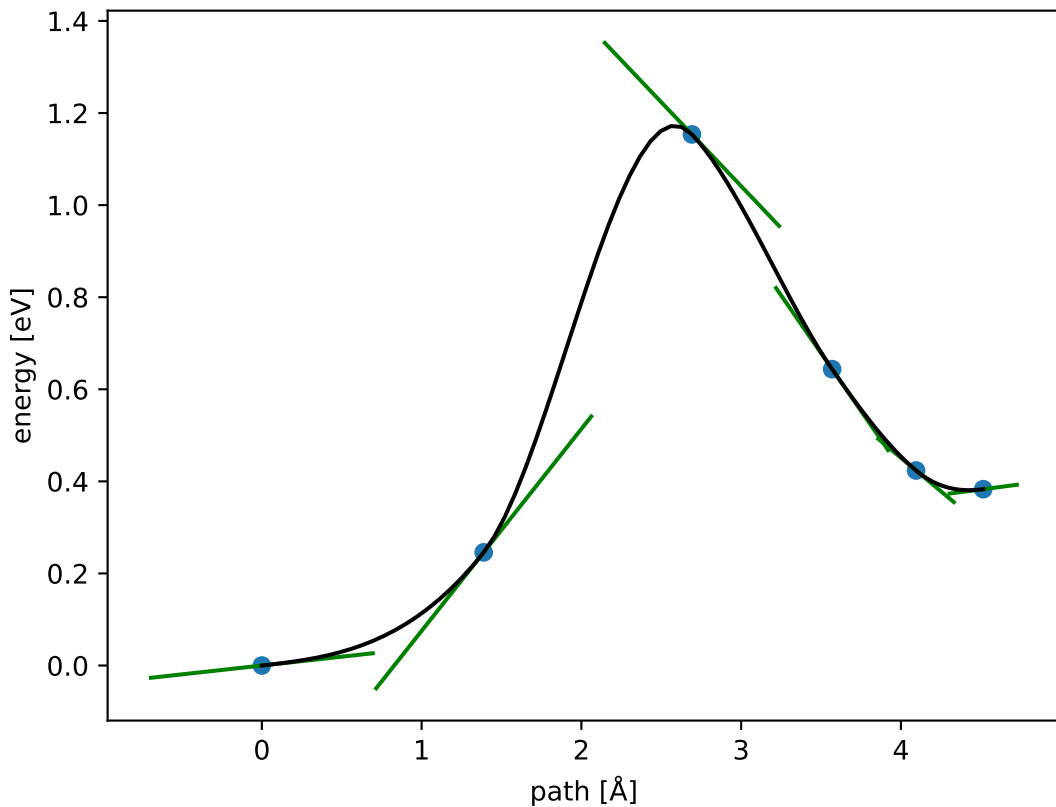
$$E_f \approx 1.111 \text{ eV}; E_r \approx 0.728 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



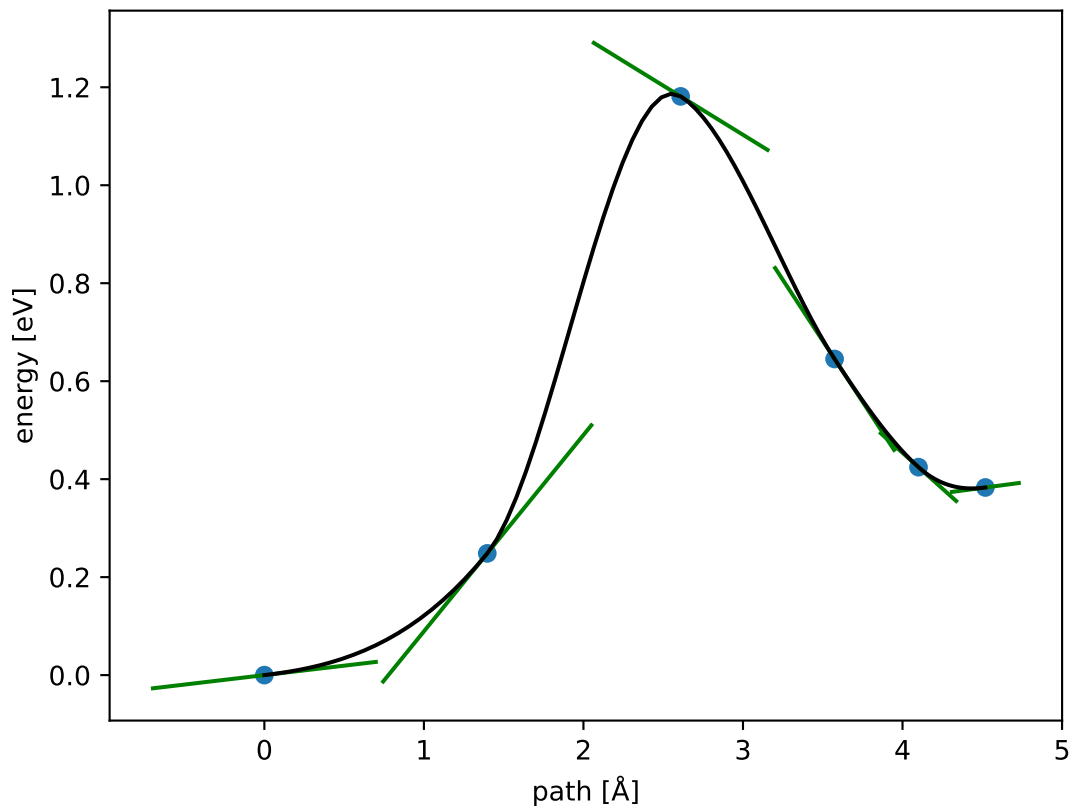
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



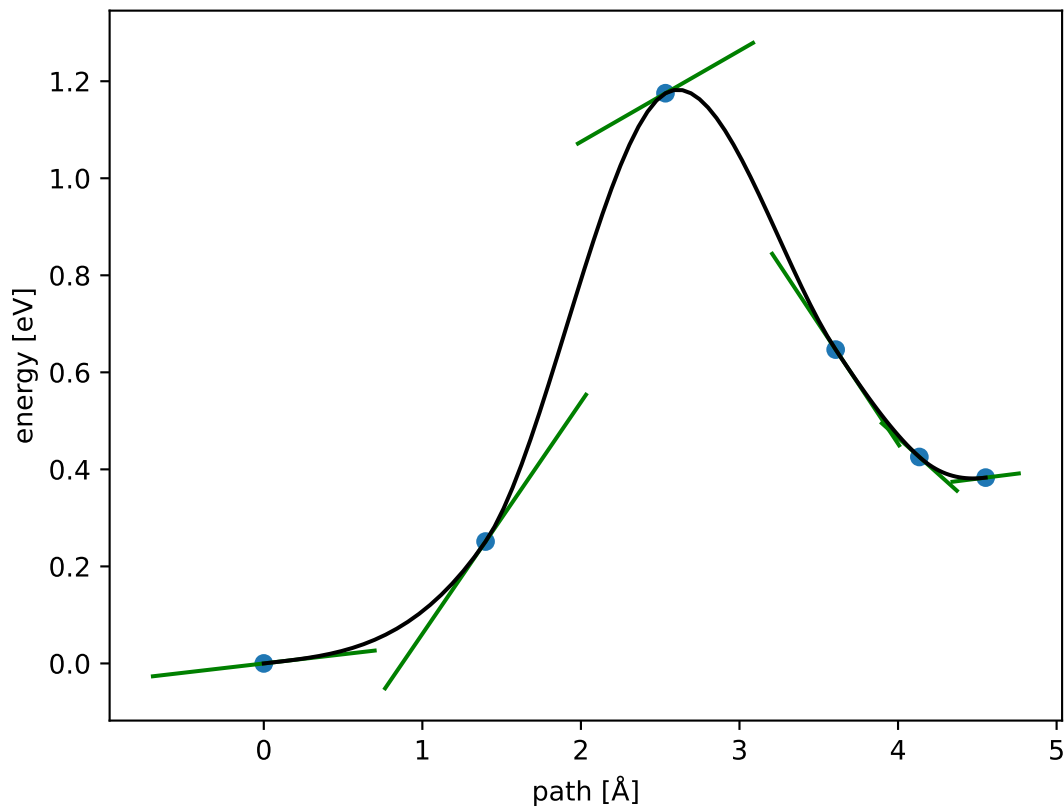
$$E_f \approx 1.154 \text{ eV}; E_r \approx 0.771 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



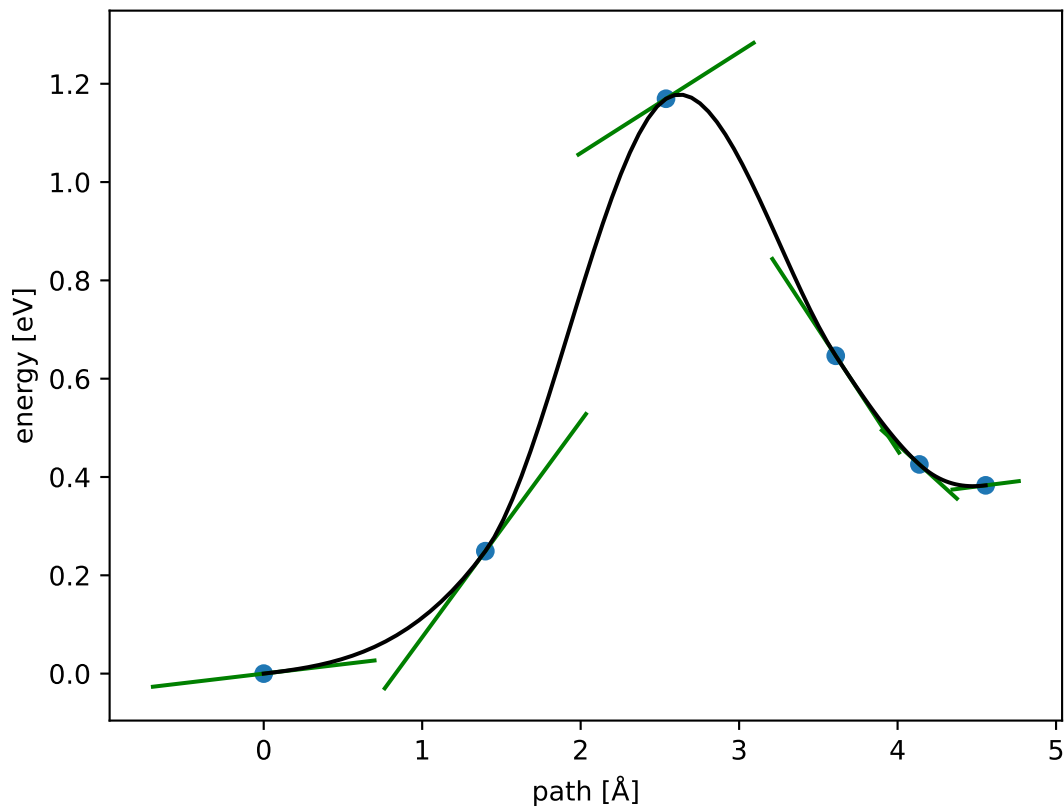
$$E_f \approx 1.181 \text{ eV}; E_r \approx 0.798 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



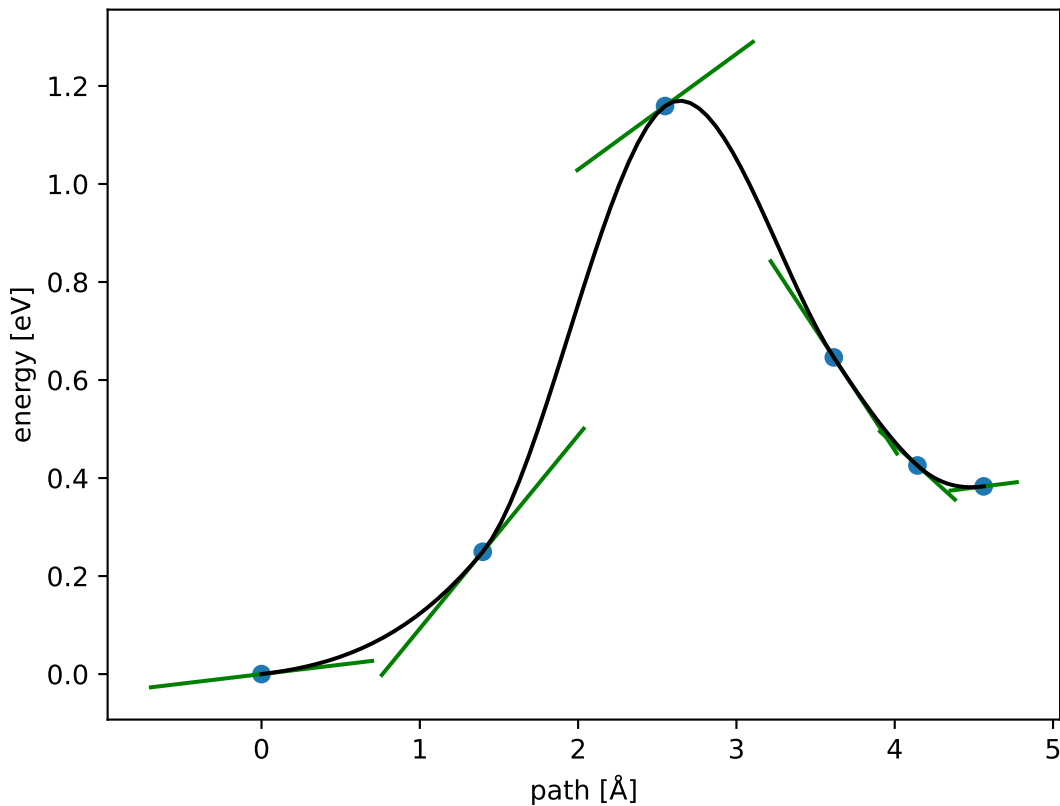
$$E_f \approx 1.175 \text{ eV}; E_r \approx 0.792 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



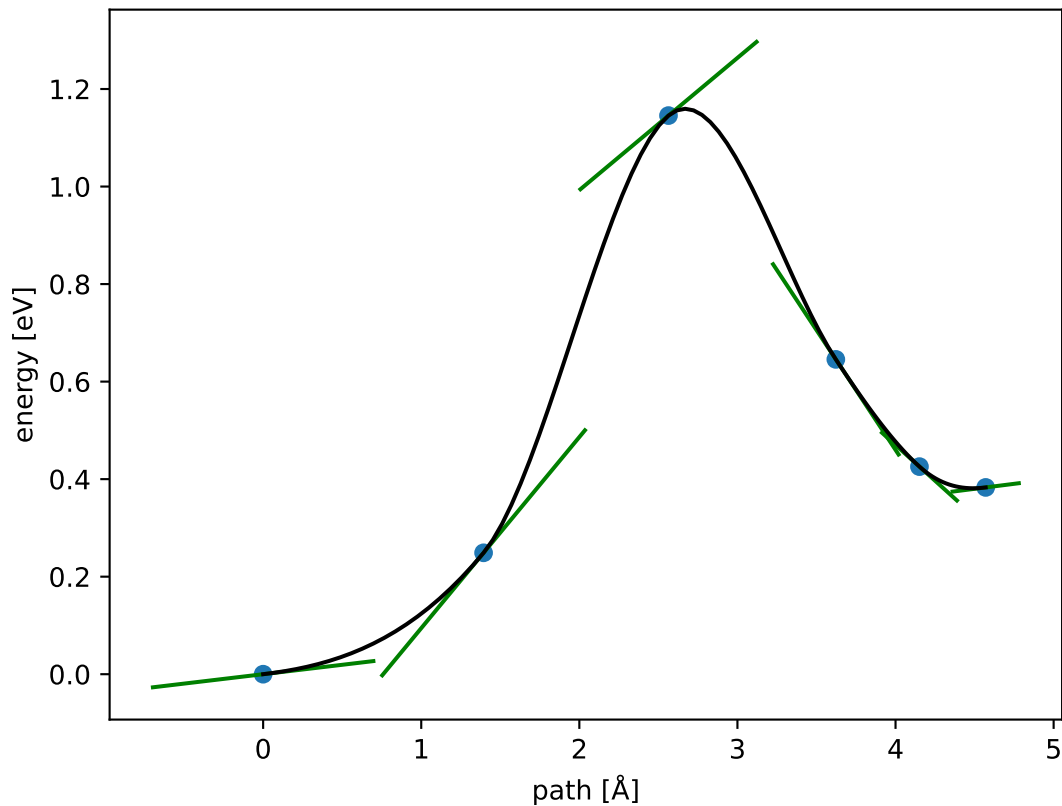
$$E_f \approx 1.170 \text{ eV}; E_r \approx 0.787 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



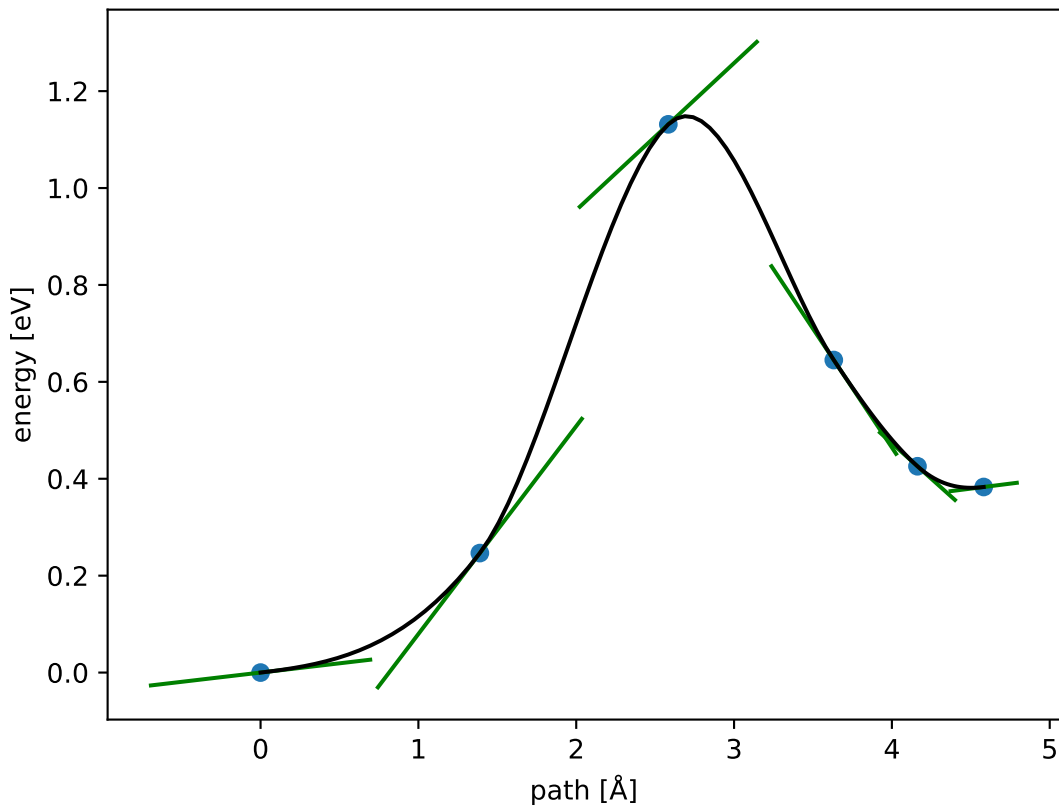
$$E_f \approx 1.159 \text{ eV}; E_r \approx 0.776 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



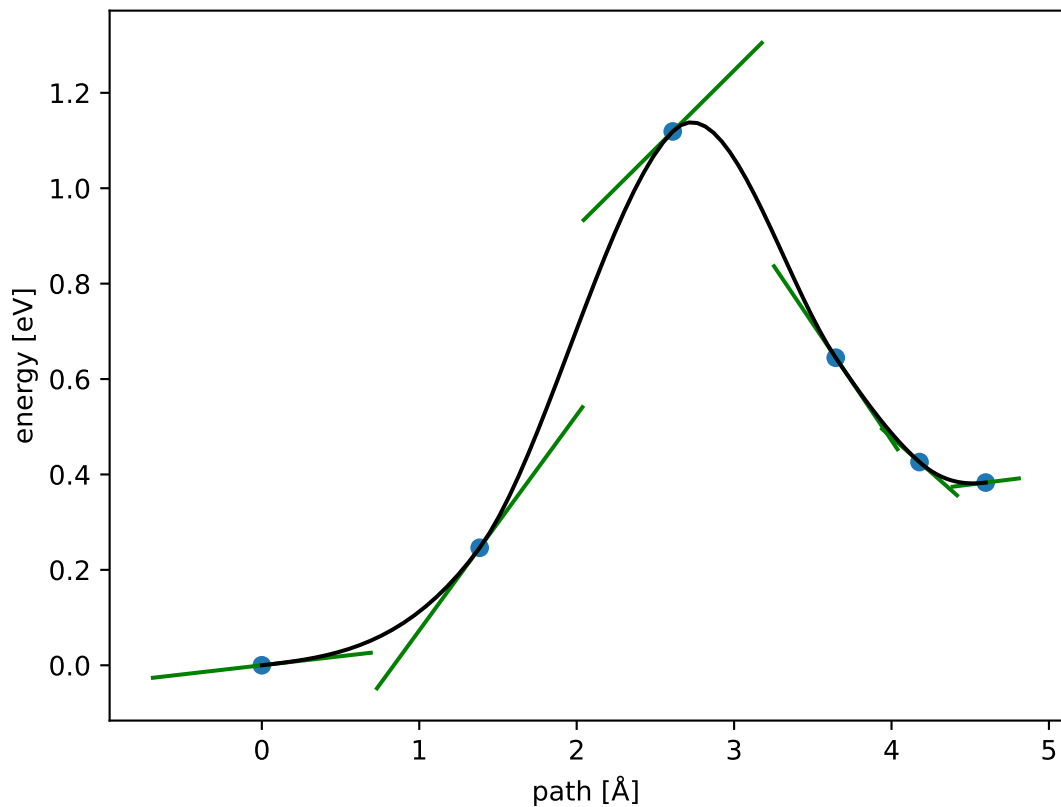
$$E_f \approx 1.146 \text{ eV}; E_r \approx 0.763 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



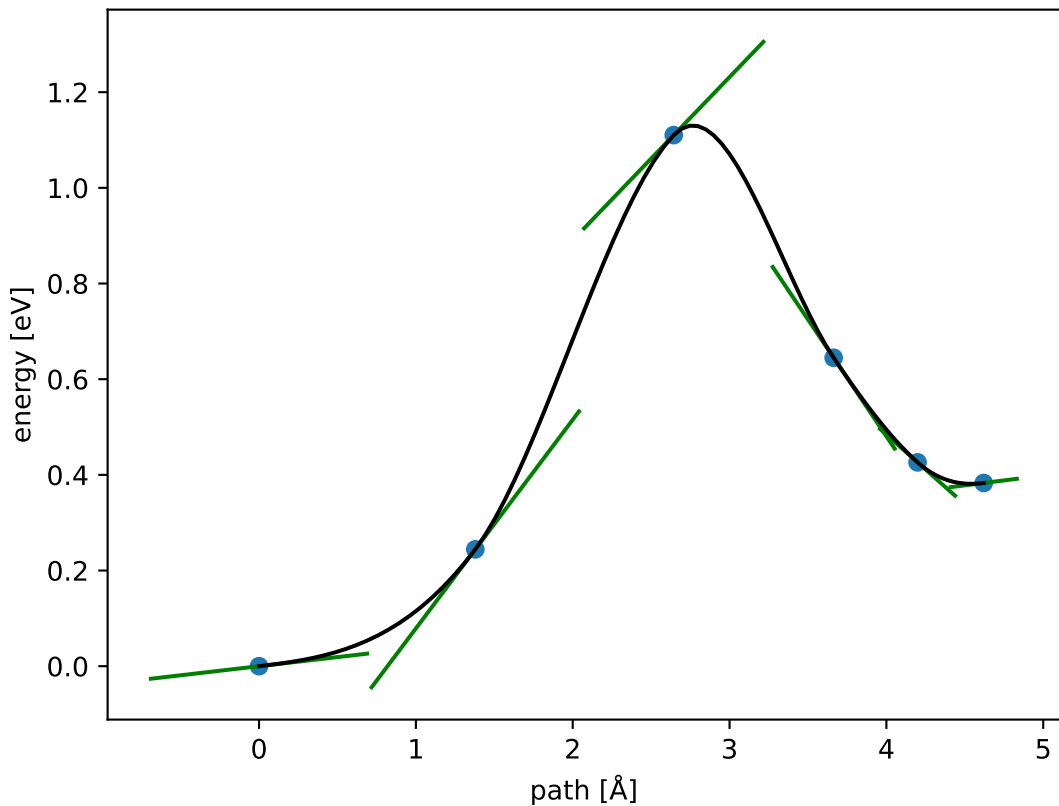
$$E_f \approx 1.131 \text{ eV}; E_r \approx 0.748 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



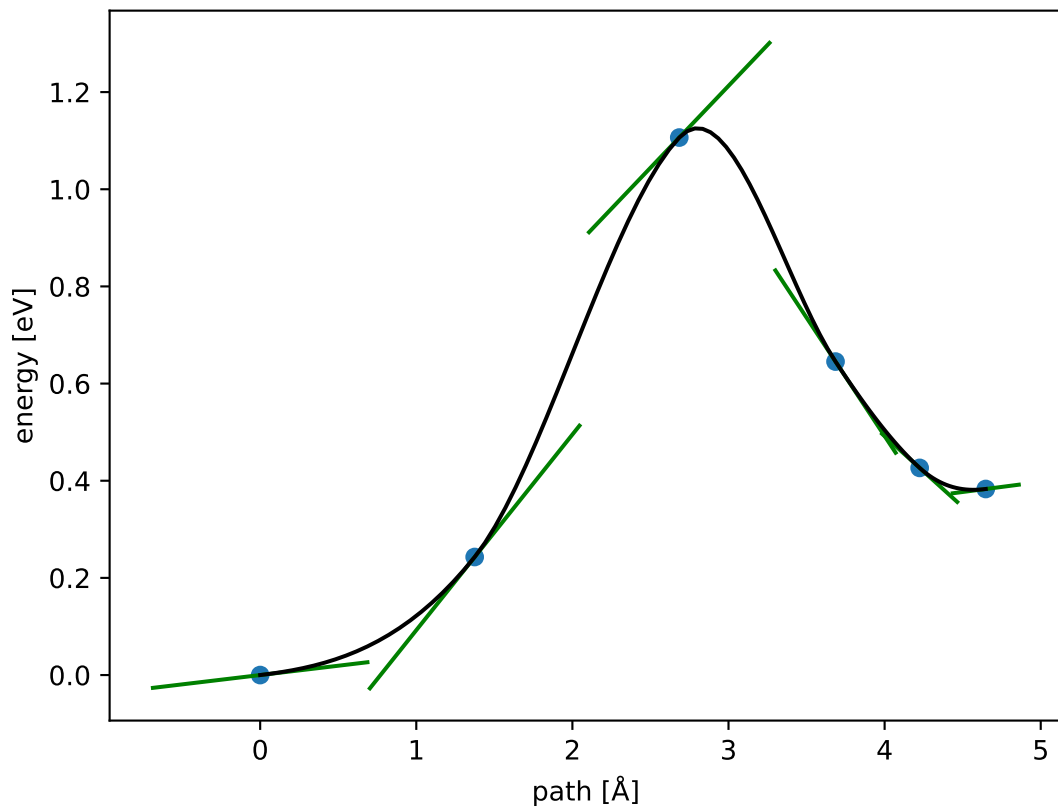
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



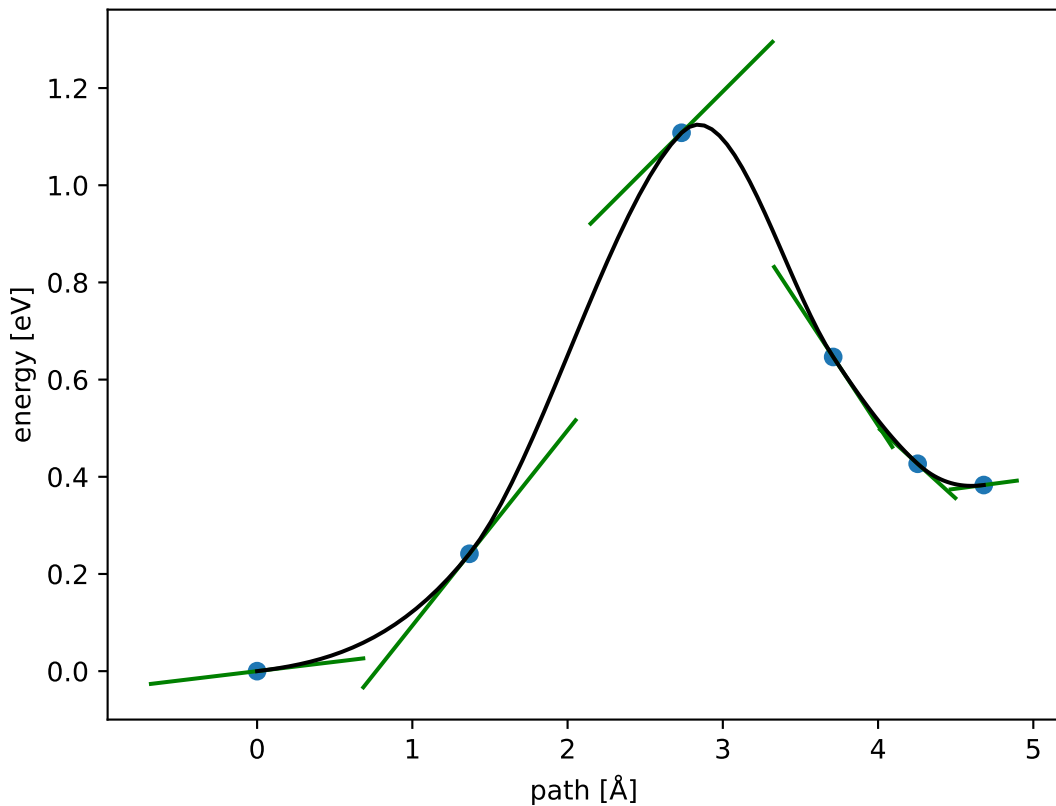
$$E_f \approx 1.110 \text{ eV}; E_r \approx 0.727 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



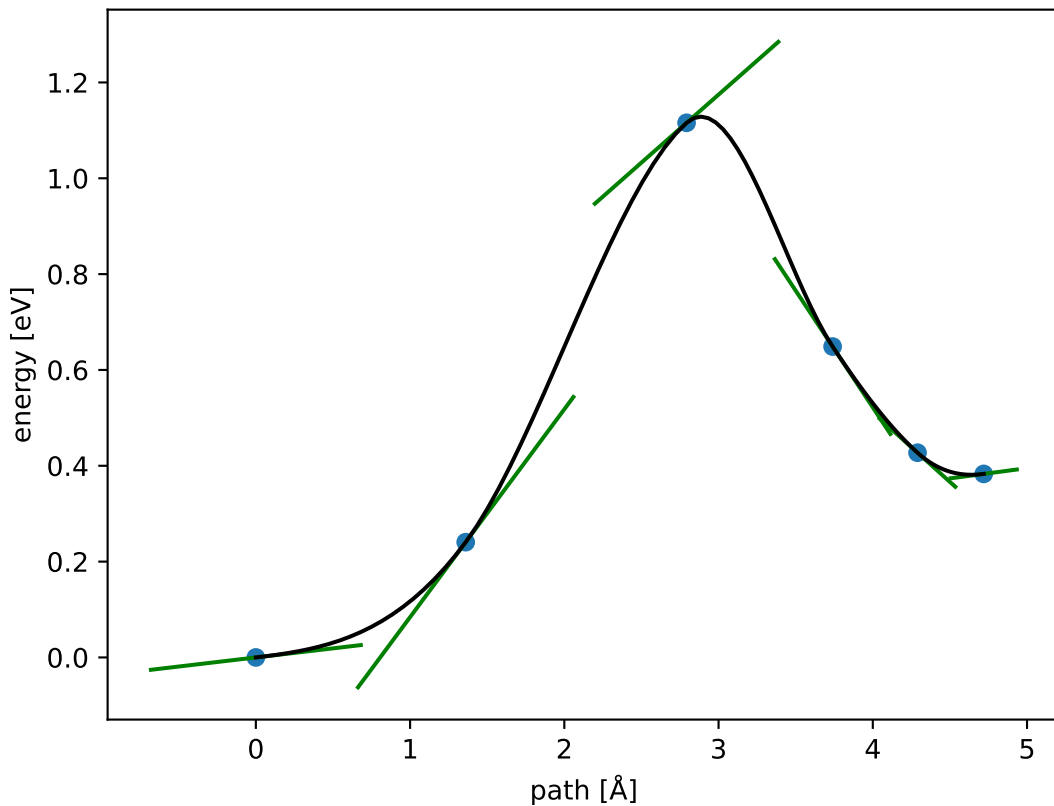
$$E_f \approx 1.106 \text{ eV}; E_r \approx 0.723 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



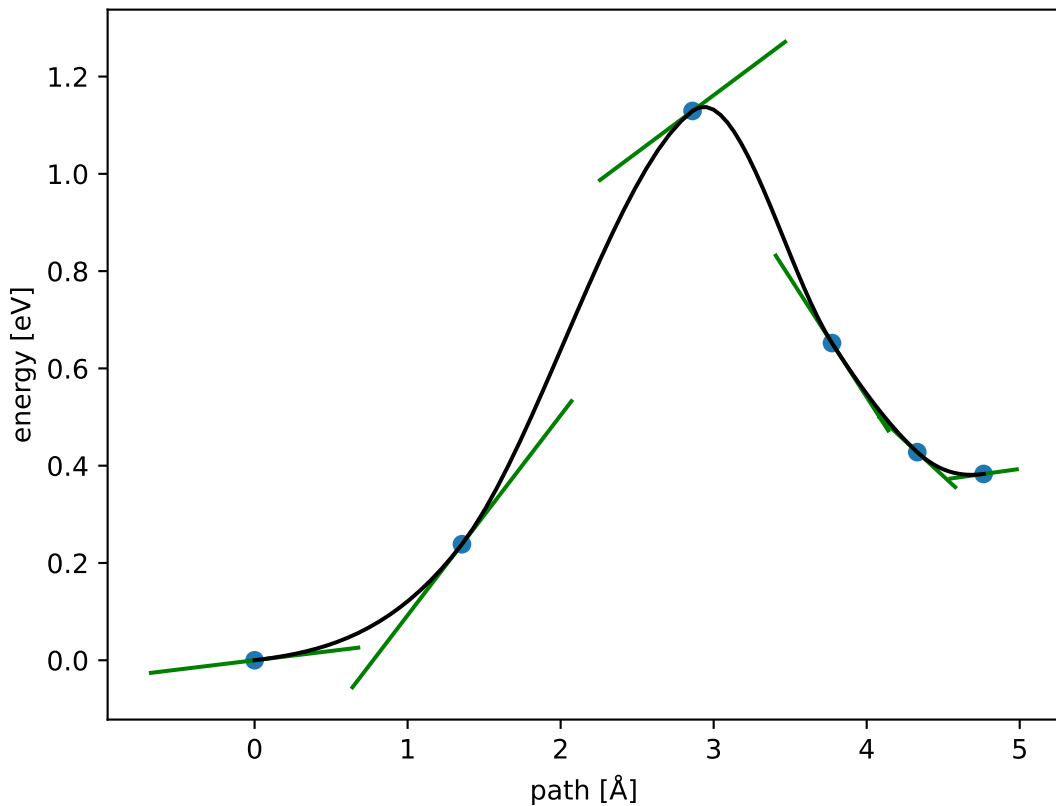
$$E_f \approx 1.108 \text{ eV}; E_r \approx 0.725 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



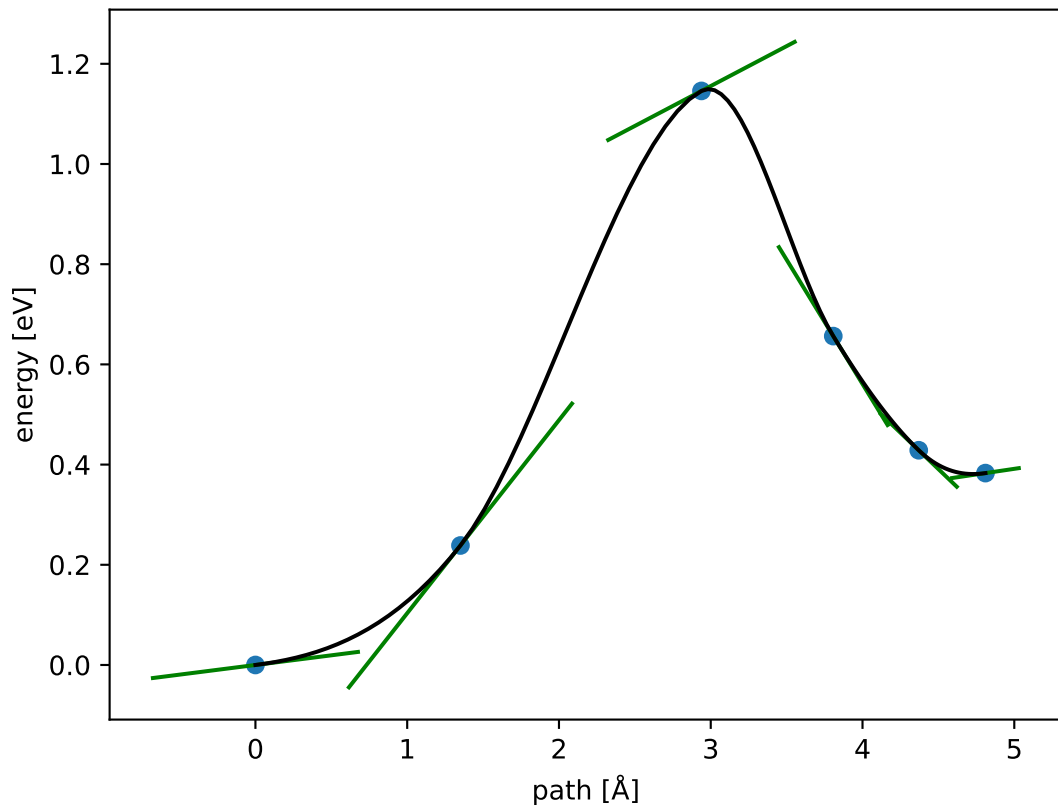
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



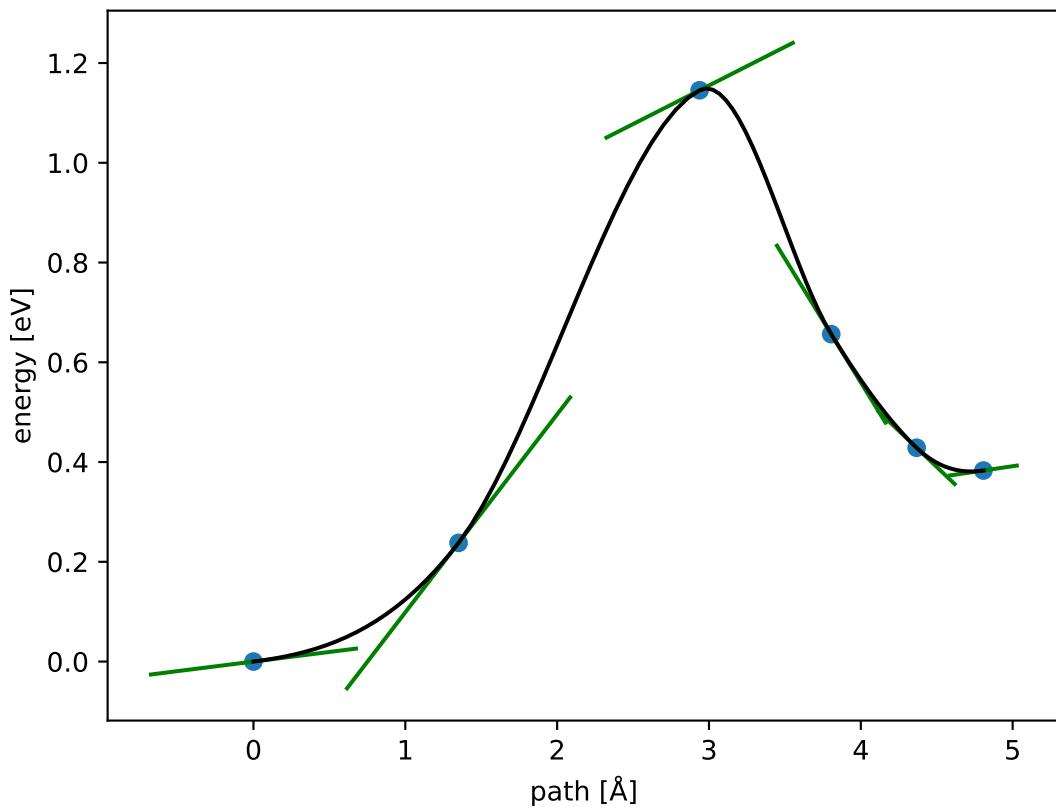
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



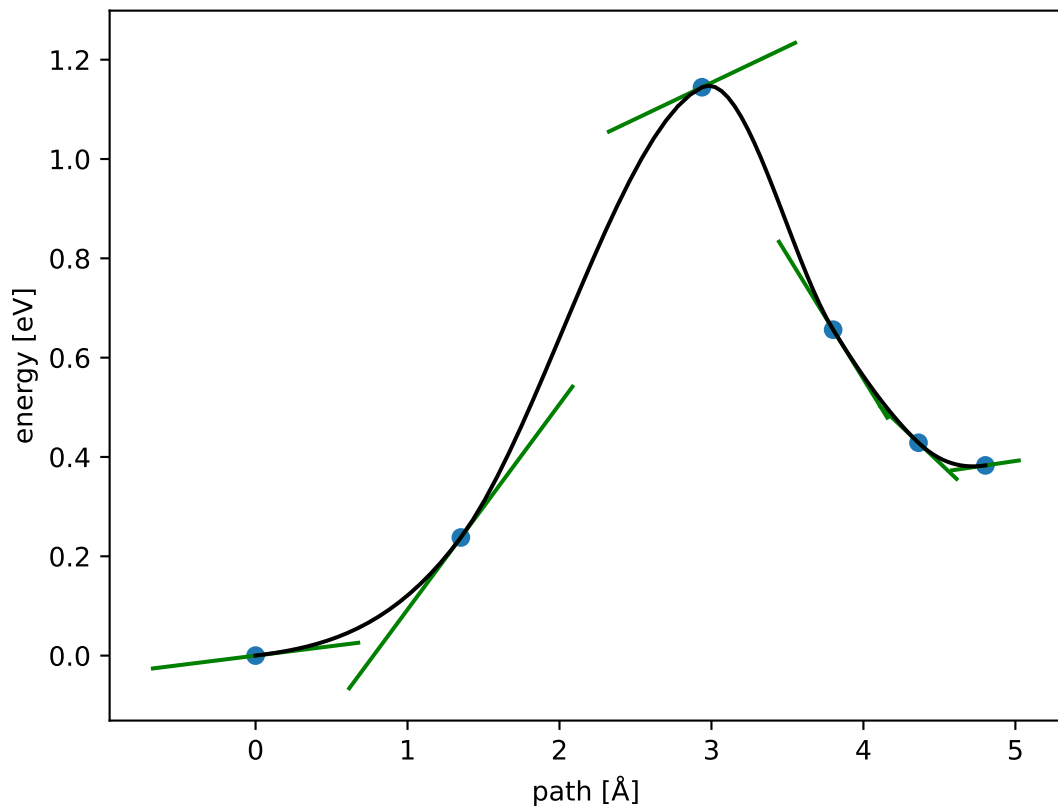
$$E_f \approx 1.146 \text{ eV}; E_r \approx 0.763 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



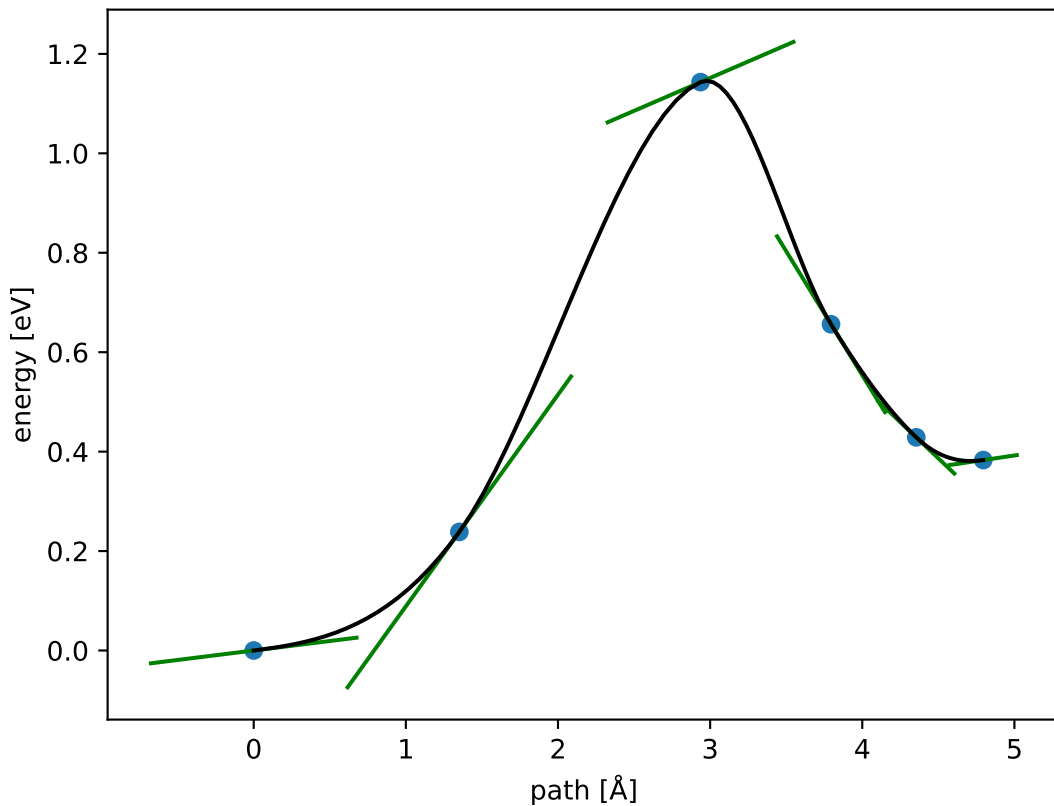
$$E_f \approx 1.145 \text{ eV}; E_r \approx 0.762 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



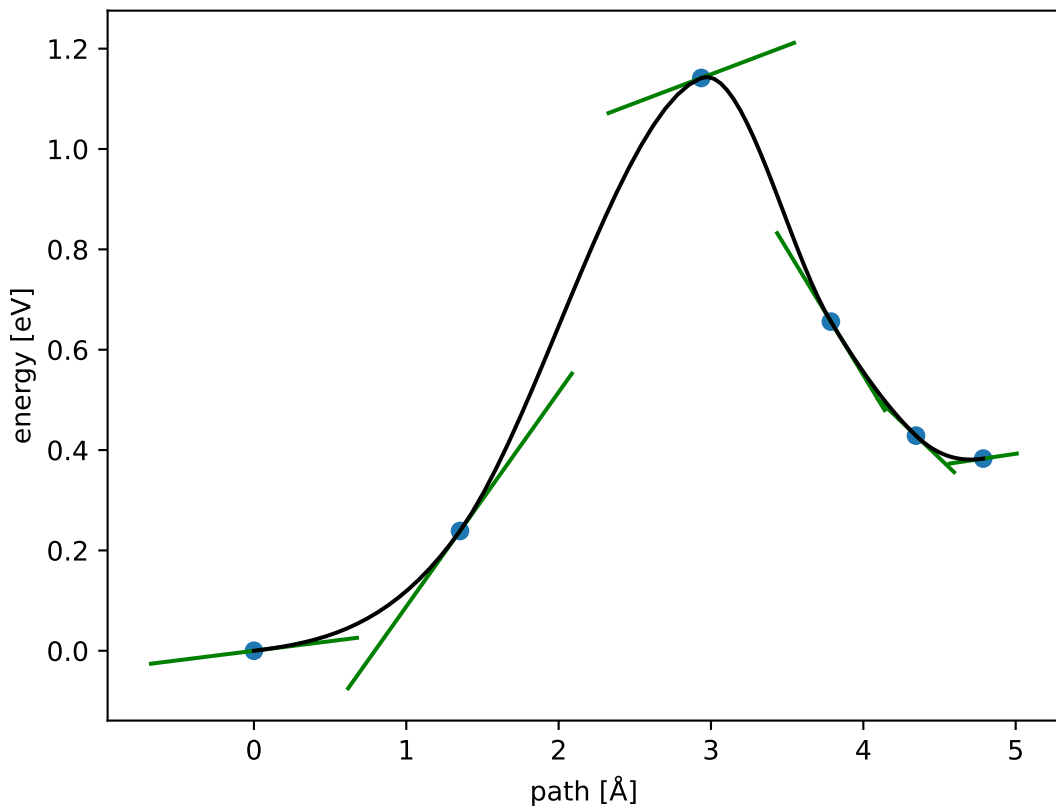
$$E_f \approx 1.145 \text{ eV}; E_r \approx 0.762 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



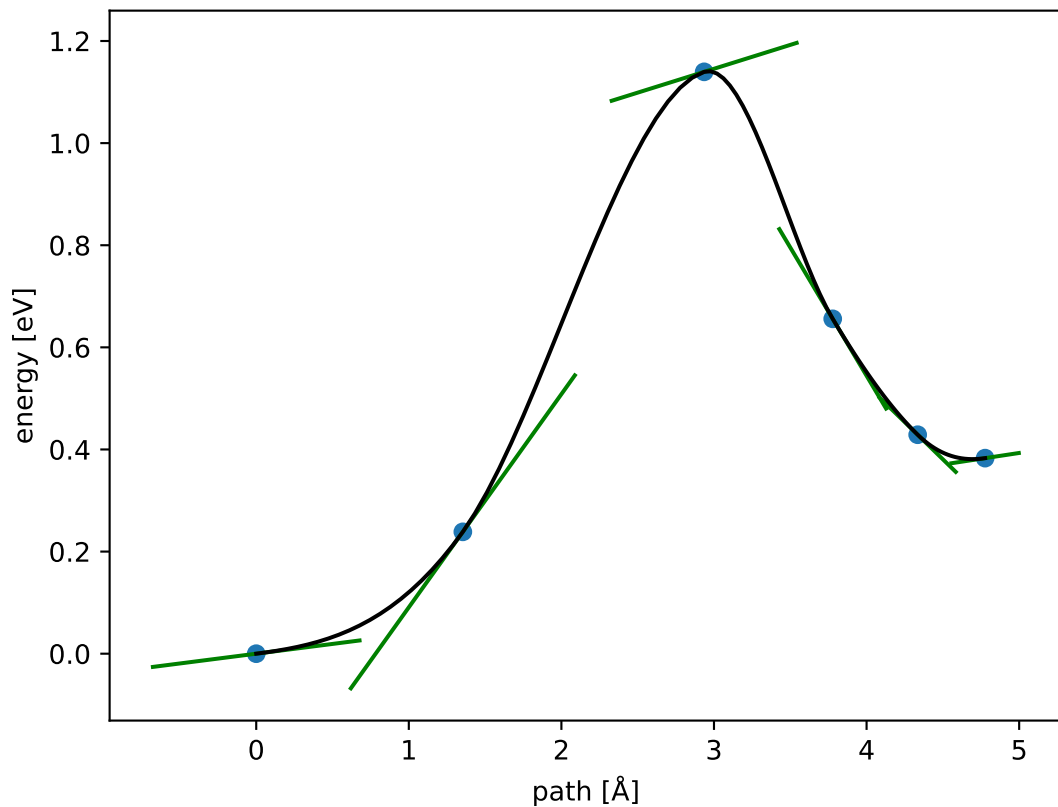
$$E_f \approx 1.143 \text{ eV}; E_r \approx 0.760 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



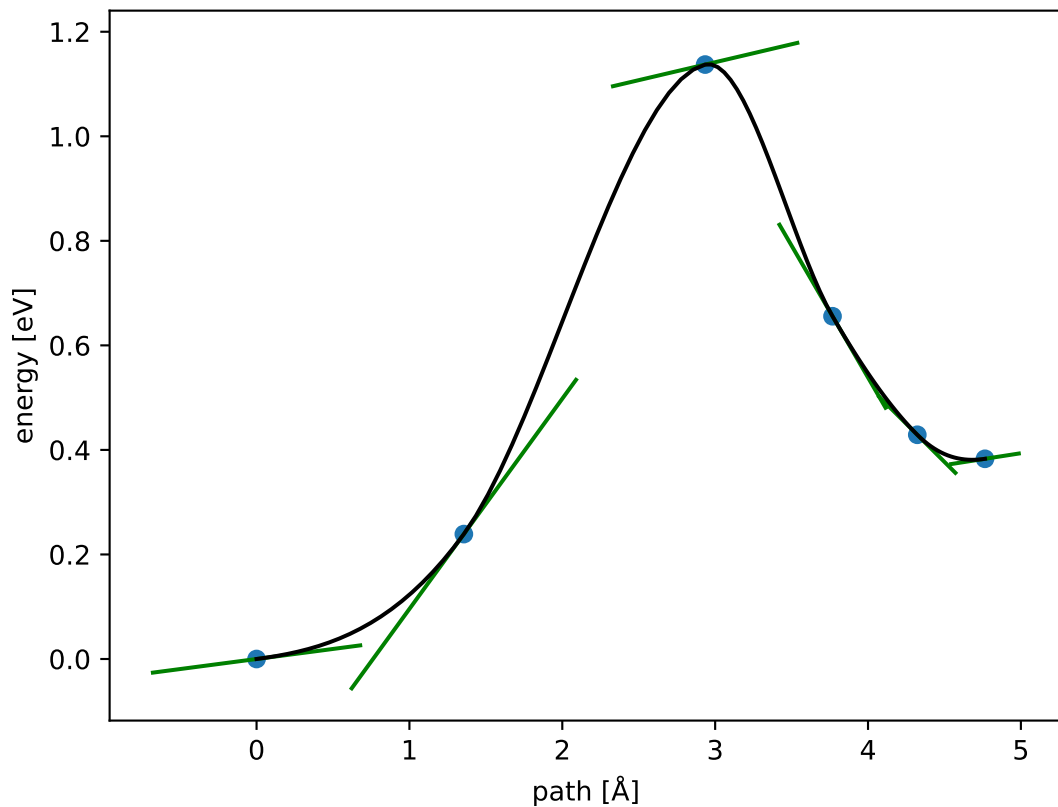
$$E_f \approx 1.142 \text{ eV}; E_r \approx 0.759 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



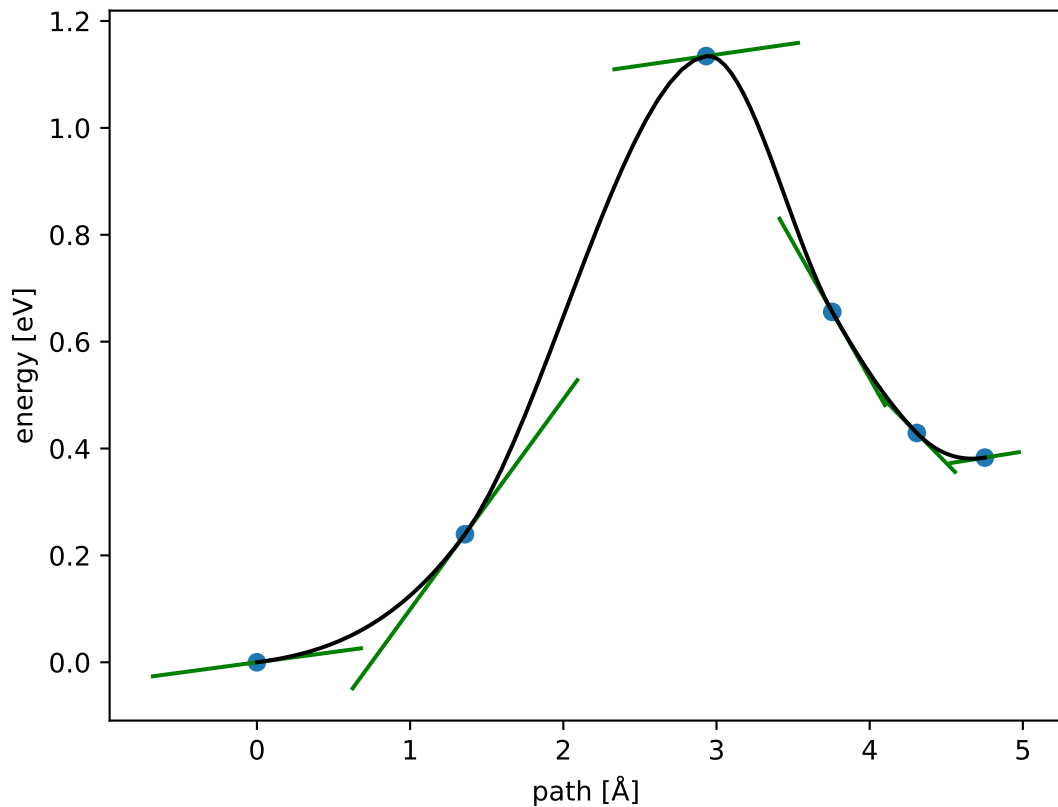
$$E_f \approx 1.140 \text{ eV}; E_r \approx 0.757 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



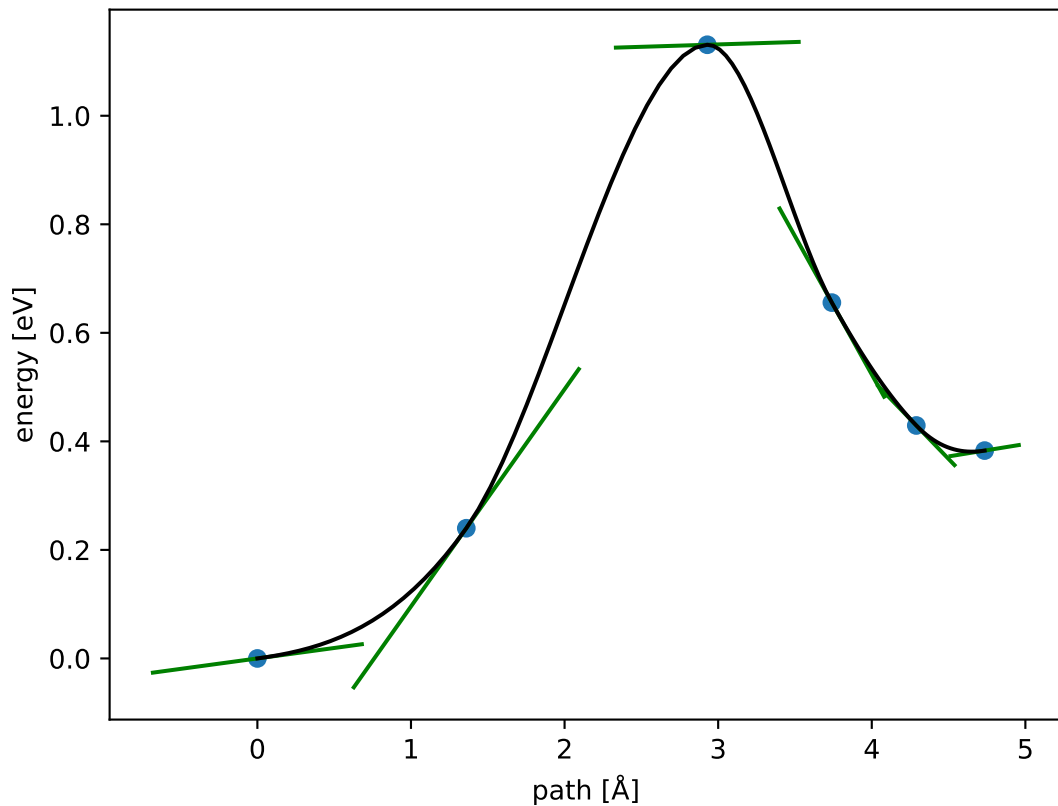
$$E_f \approx 1.137 \text{ eV}; E_r \approx 0.754 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



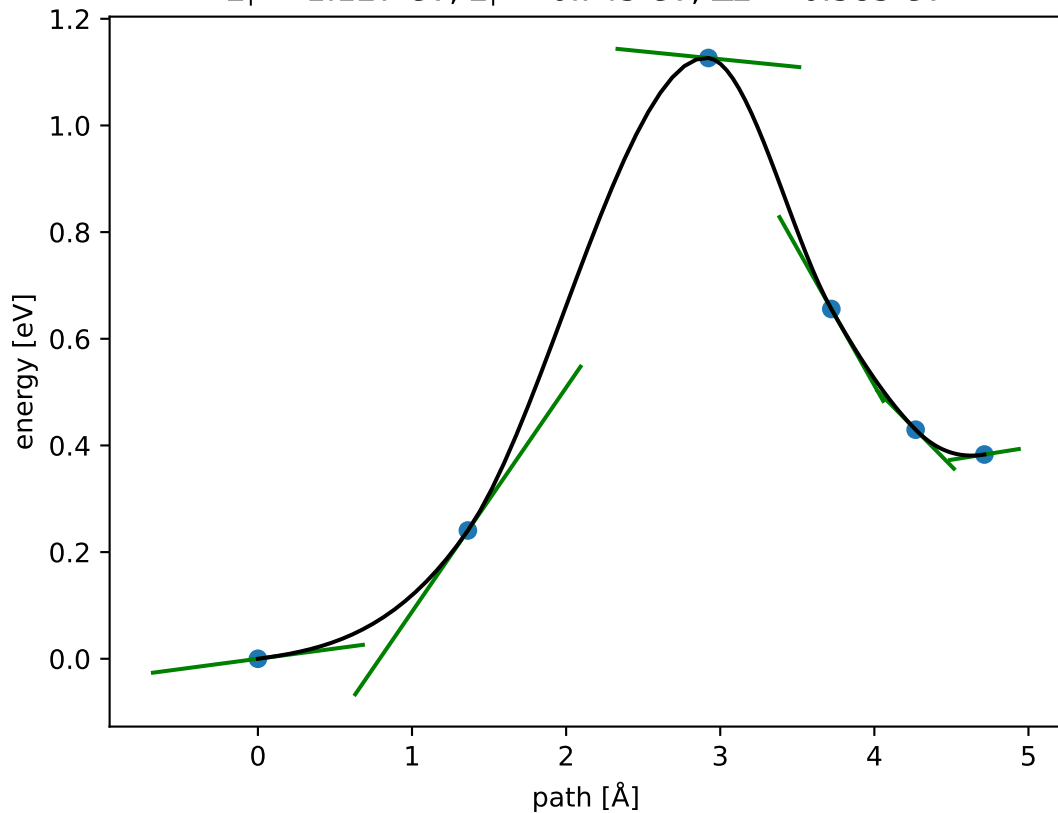
$$E_f \approx 1.134 \text{ eV}; E_r \approx 0.751 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



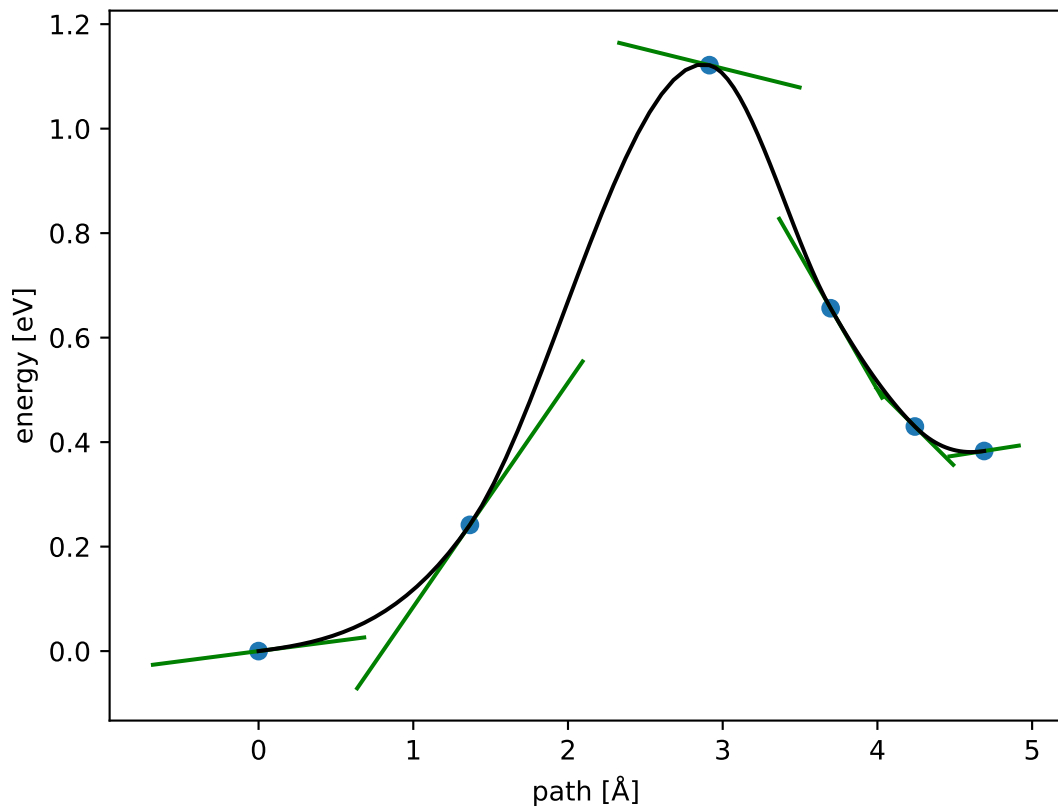
$$E_f \approx 1.131 \text{ eV}; E_r \approx 0.748 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



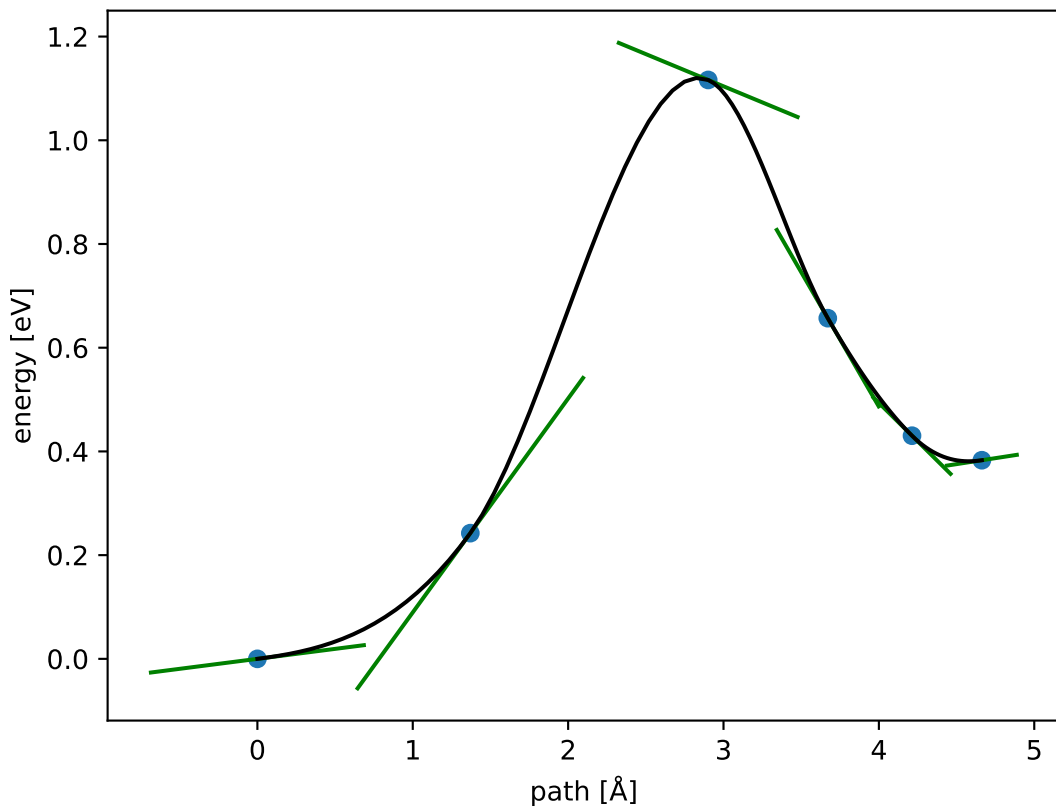
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



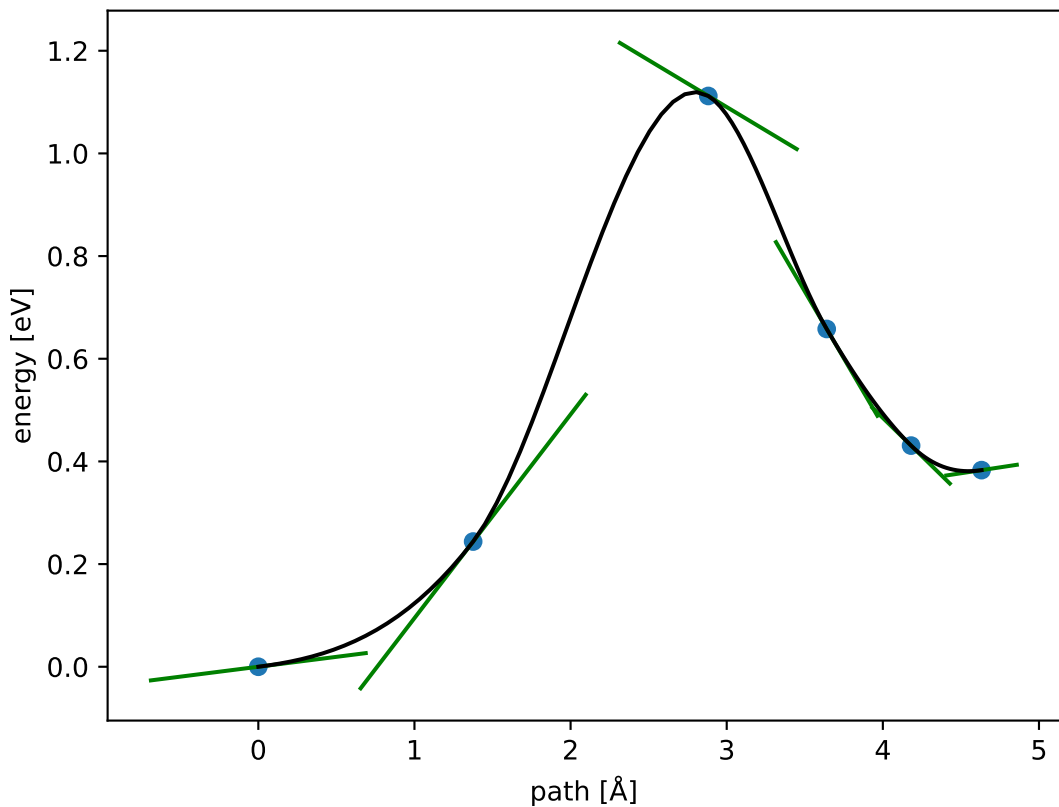
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



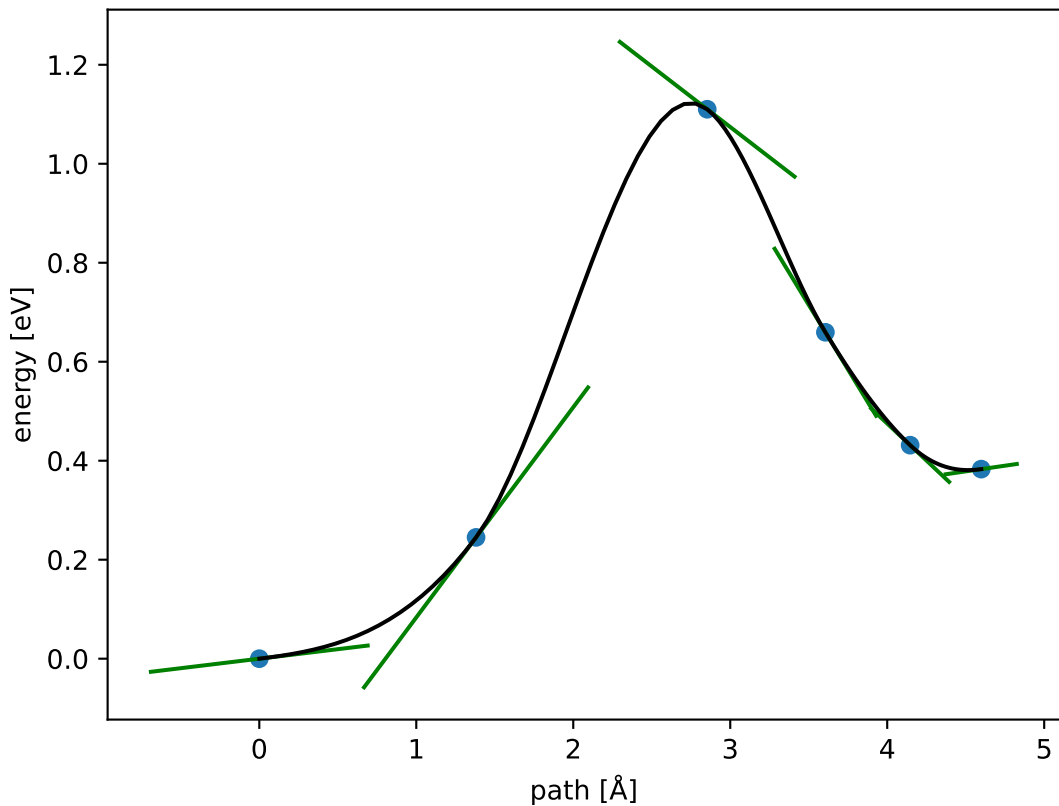
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



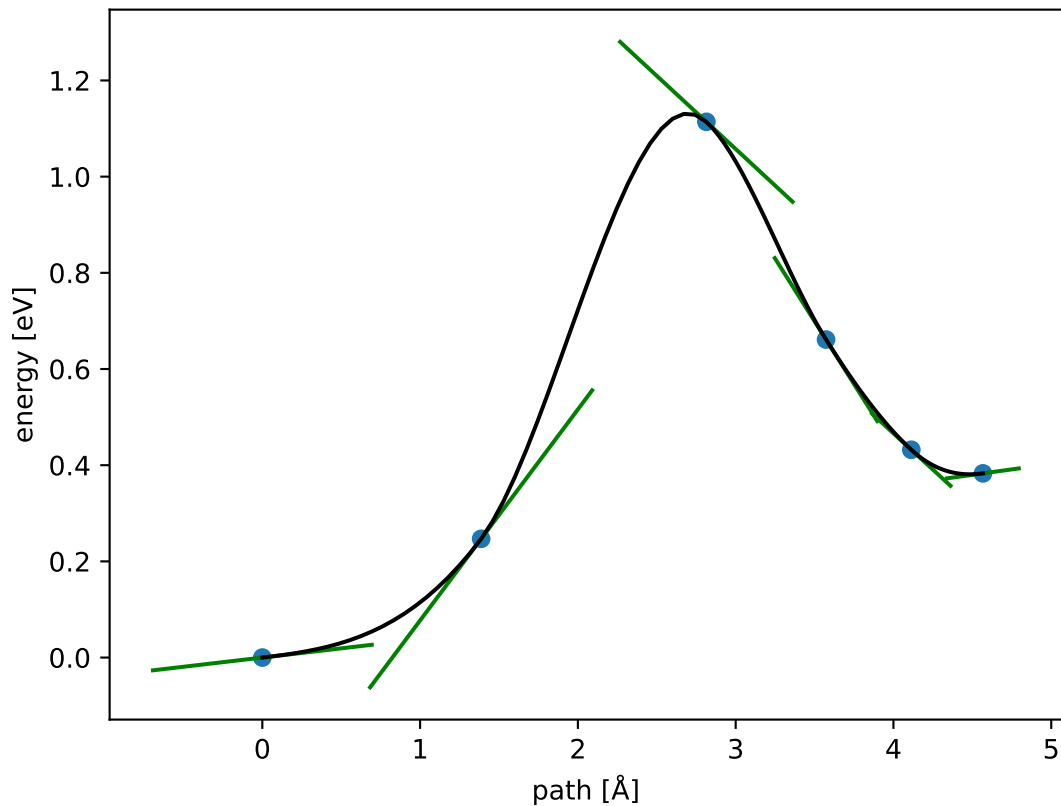
$$E_f \approx 1.112 \text{ eV}; E_r \approx 0.729 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



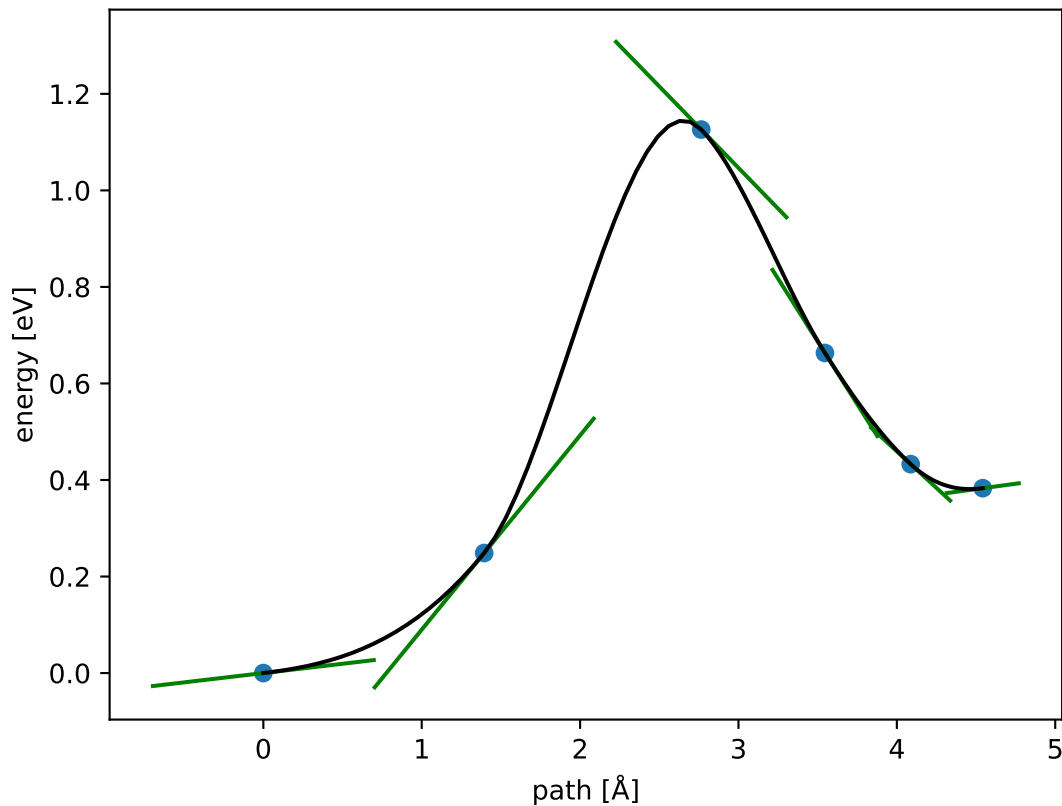
$$E_f \approx 1.110 \text{ eV}; E_r \approx 0.727 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



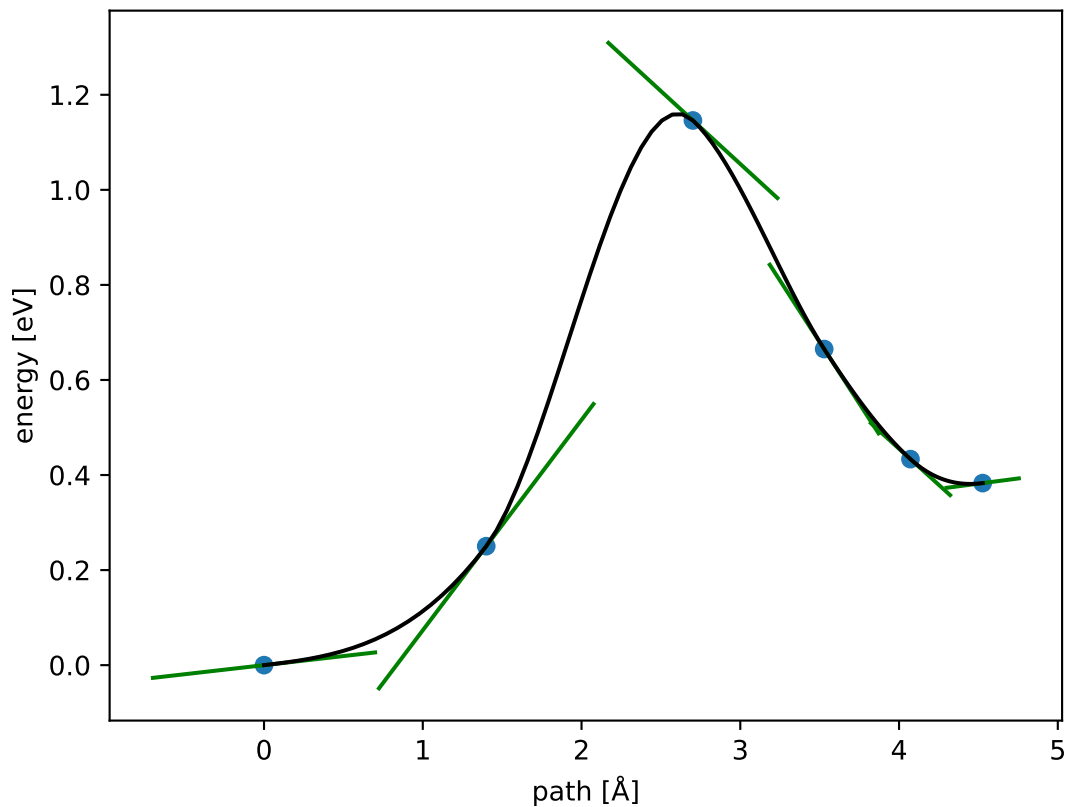
$$E_f \approx 1.114 \text{ eV}; E_r \approx 0.731 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



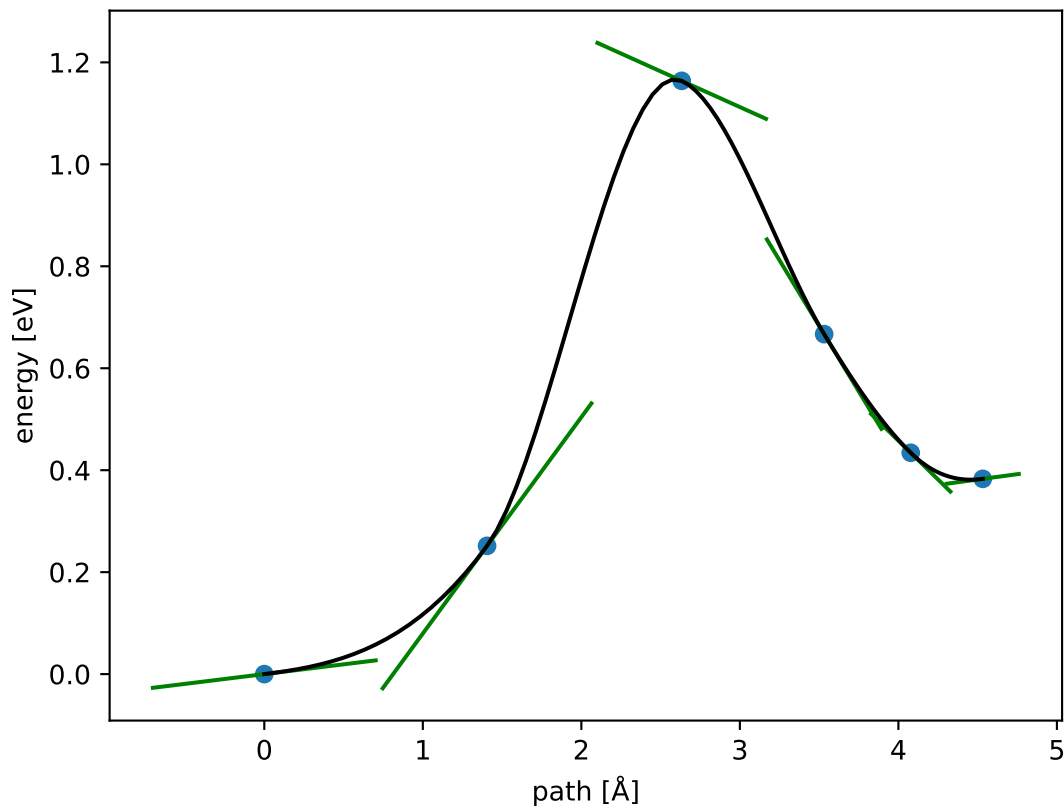
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



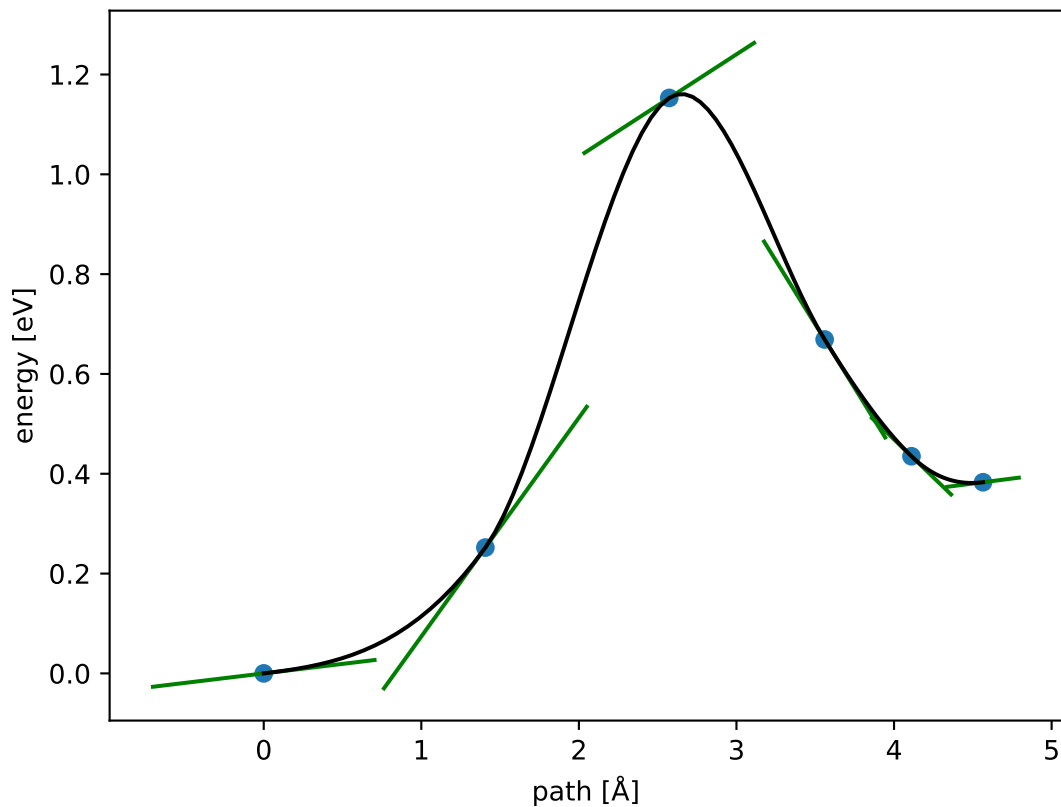
$$E_f \approx 1.146 \text{ eV}; E_r \approx 0.763 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



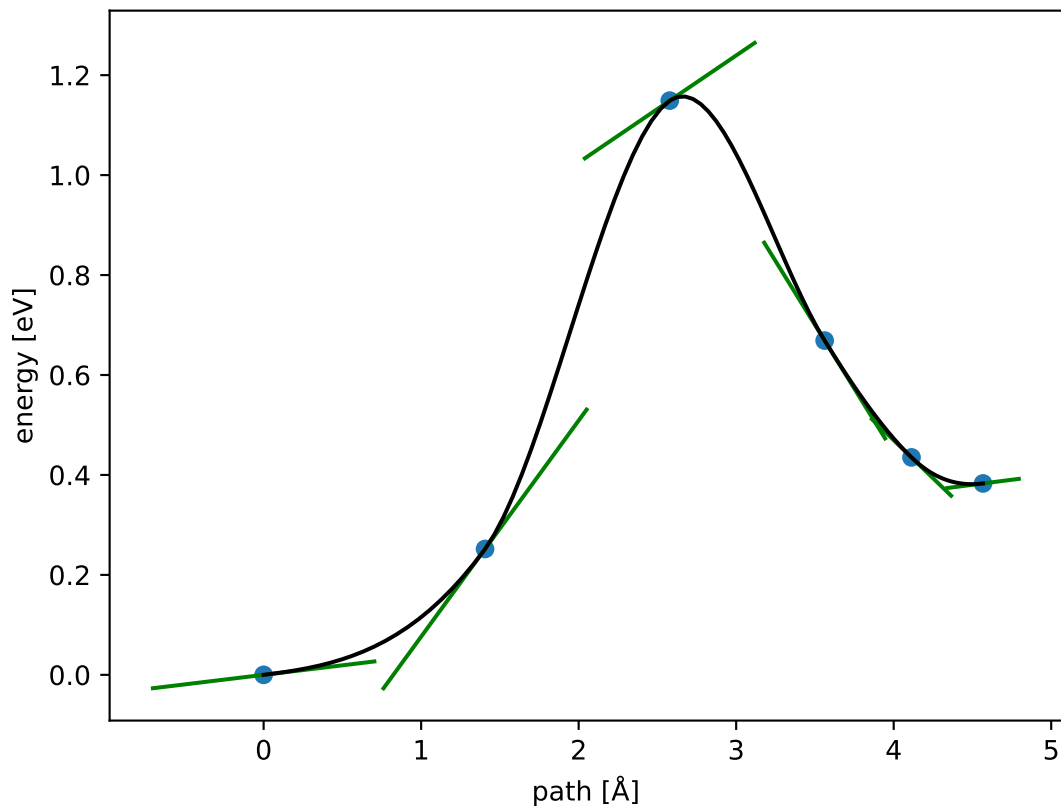
$$E_f \approx 1.164 \text{ eV}; E_r \approx 0.781 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



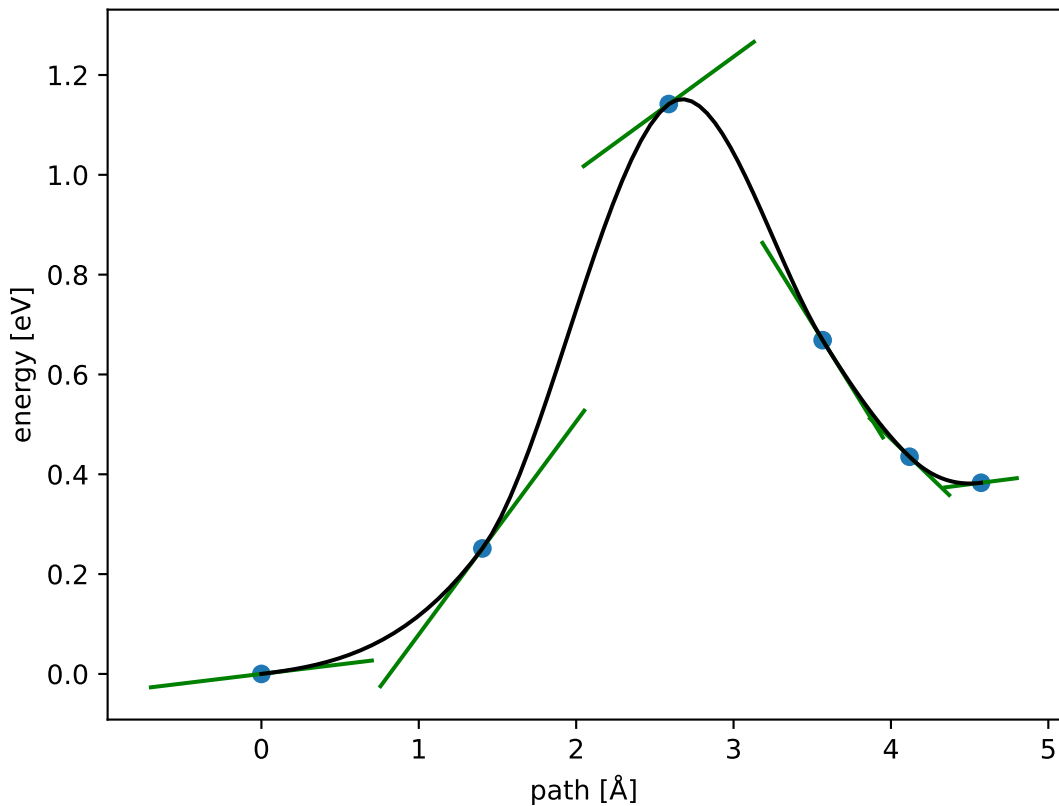
$$E_f \approx 1.153 \text{ eV}; E_r \approx 0.770 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



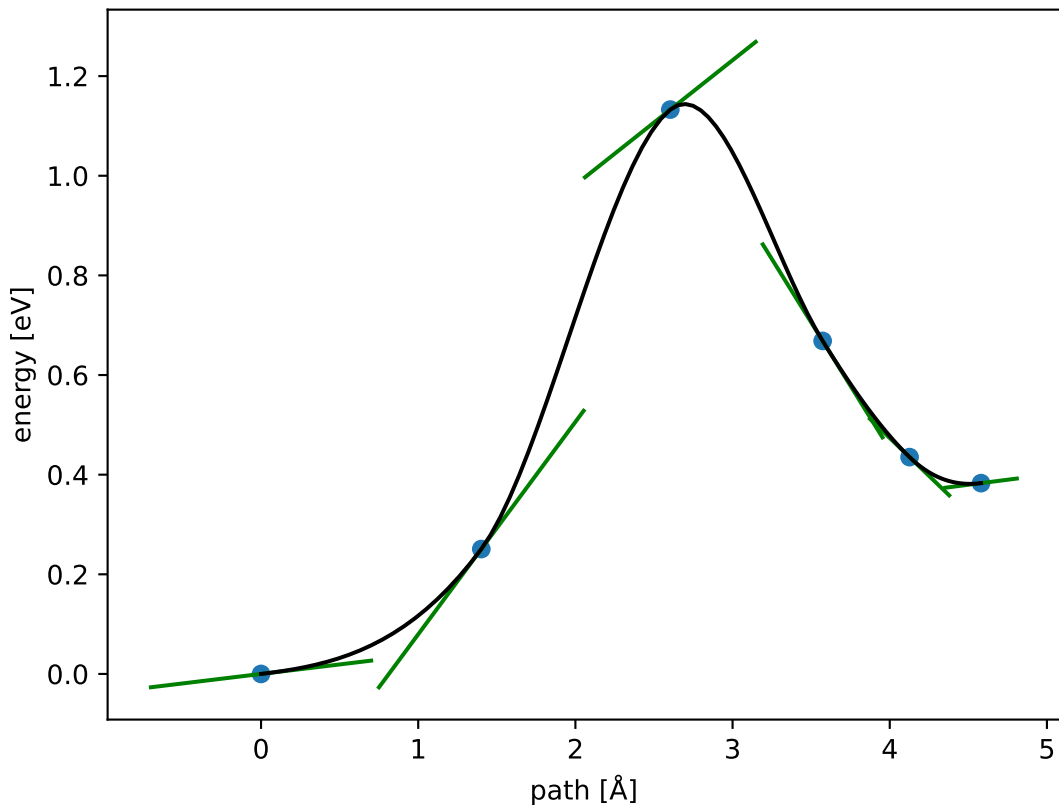
$$E_f \approx 1.149 \text{ eV}; E_r \approx 0.766 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



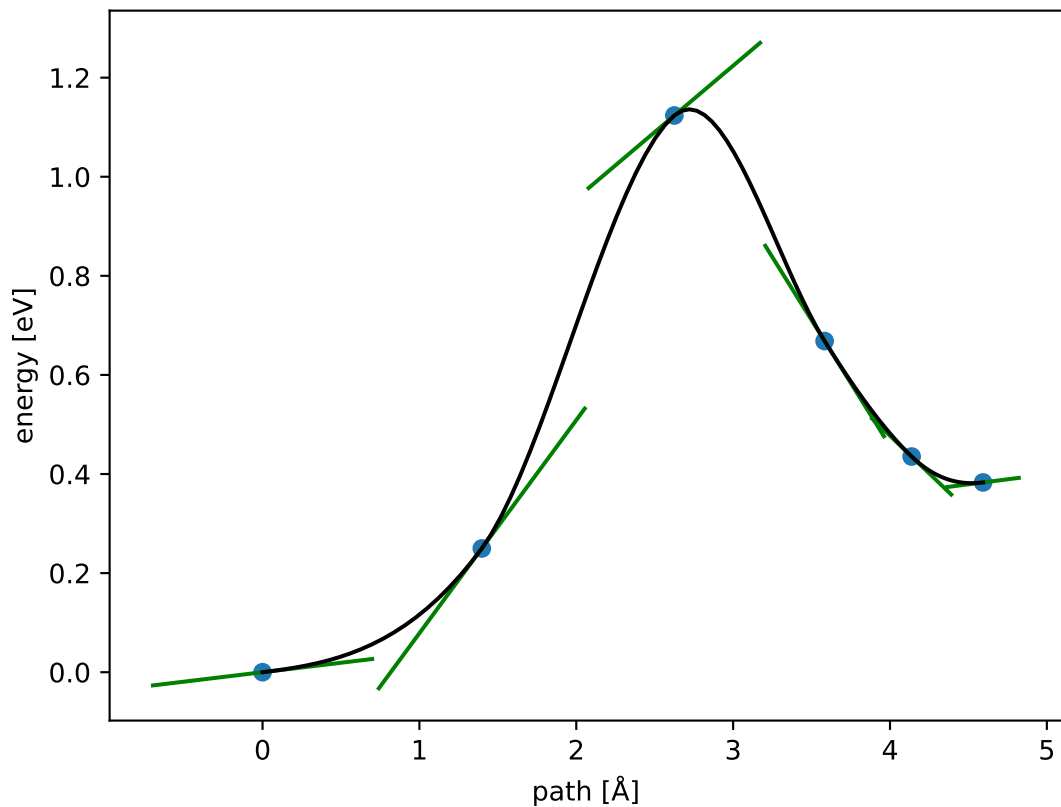
$$E_f \approx 1.142 \text{ eV}; E_r \approx 0.759 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



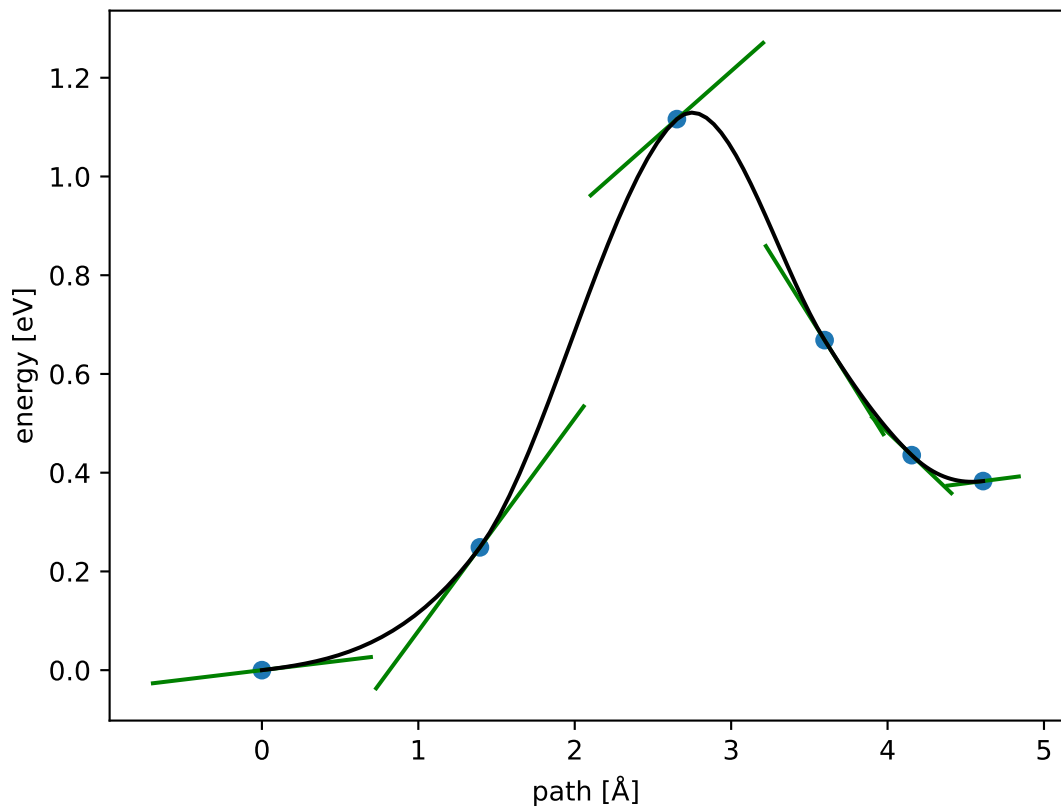
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



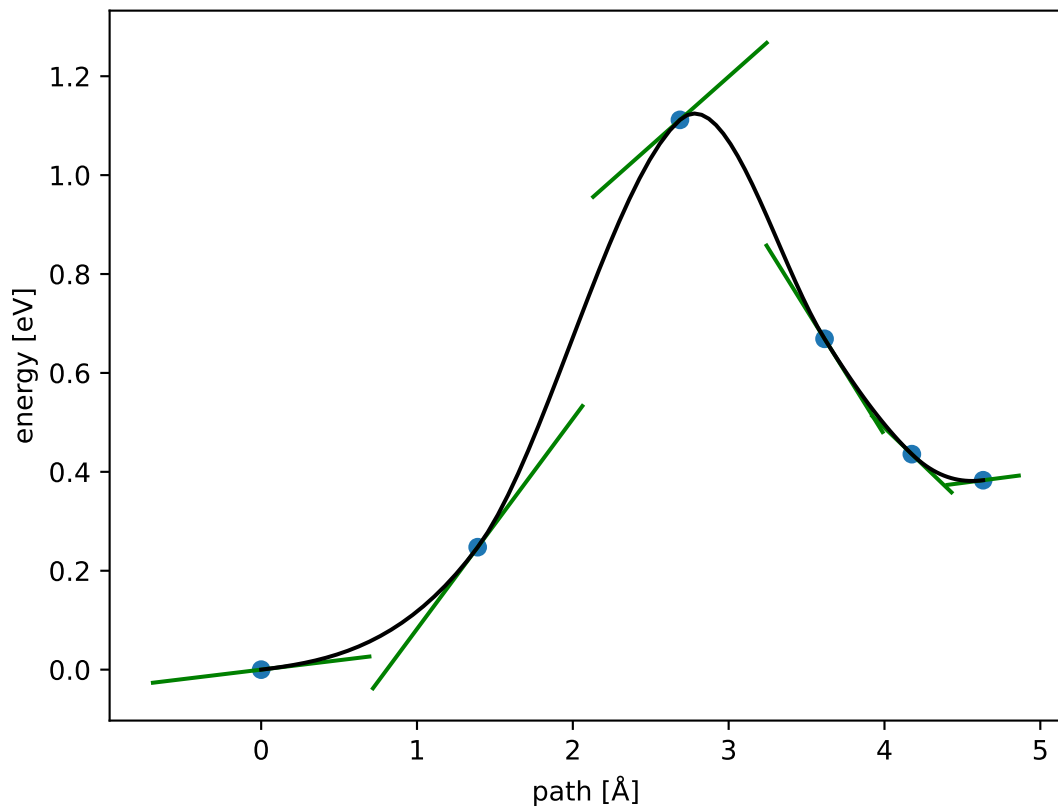
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



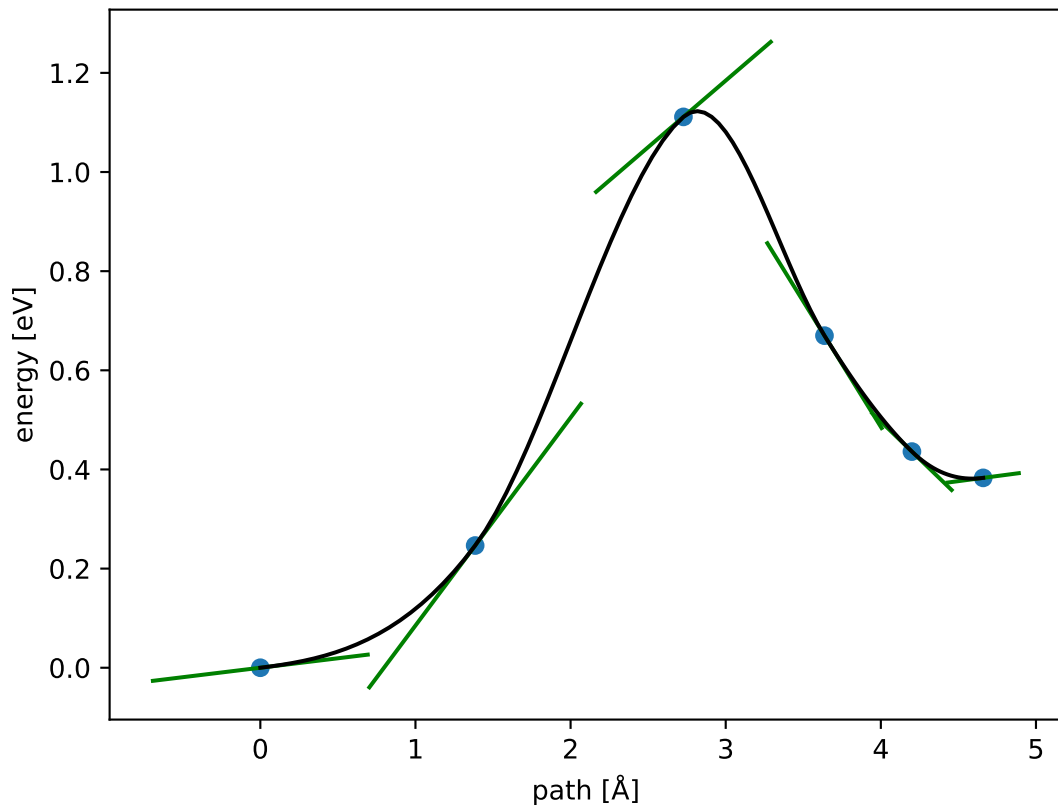
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



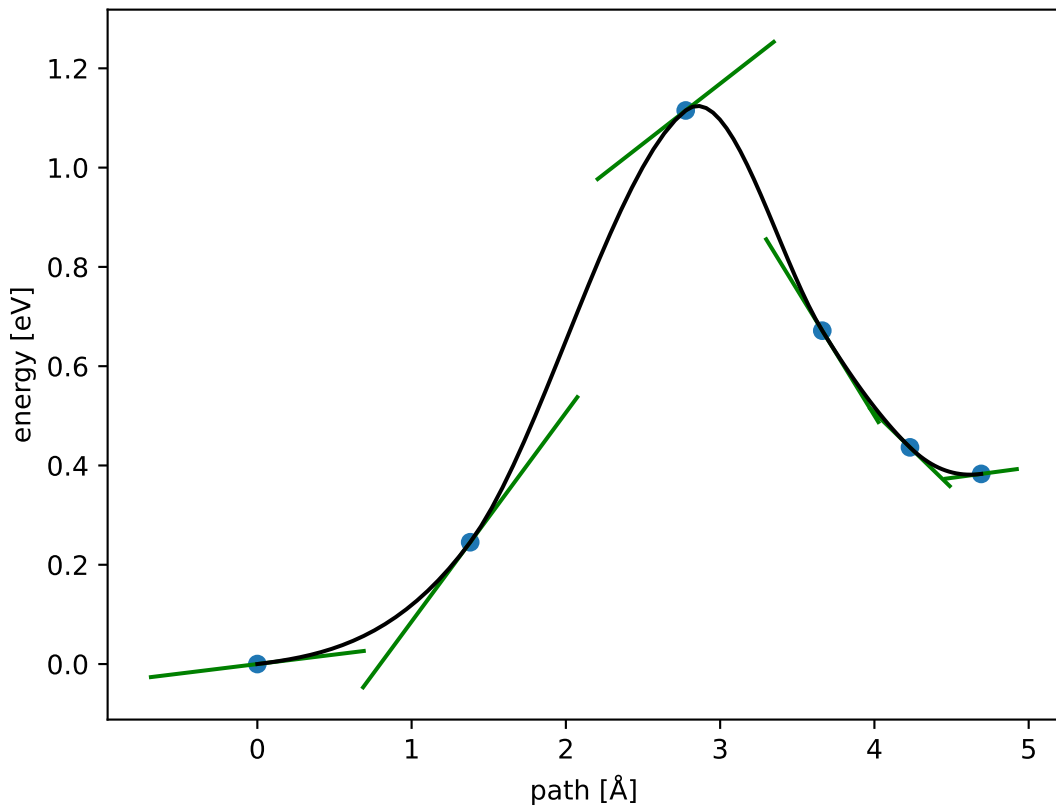
$$E_f \approx 1.112 \text{ eV}; E_r \approx 0.729 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



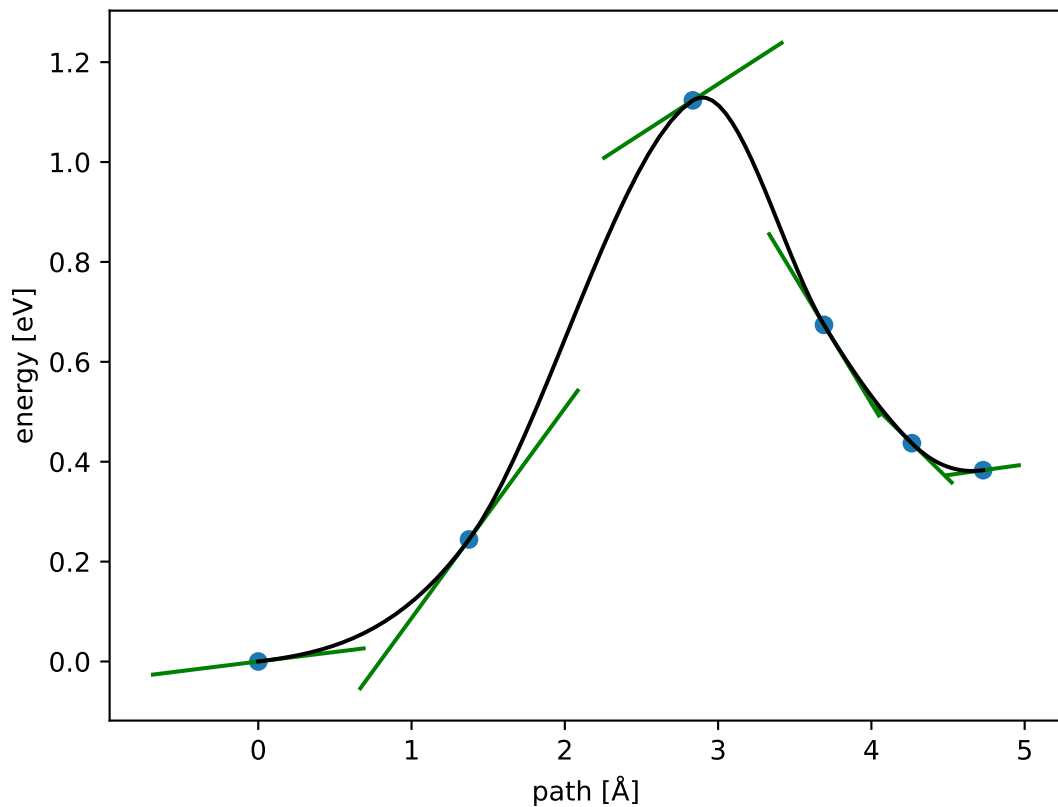
$$E_f \approx 1.111 \text{ eV}; E_r \approx 0.728 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



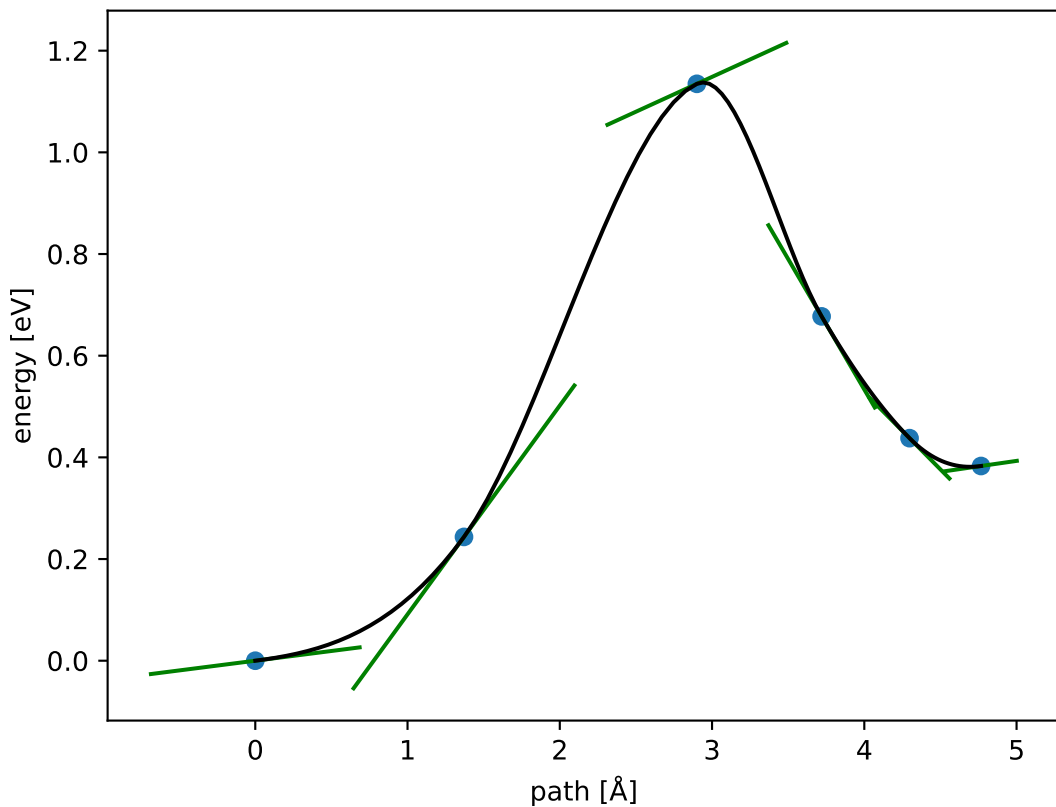
$$E_f \approx 1.115 \text{ eV}; E_r \approx 0.732 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



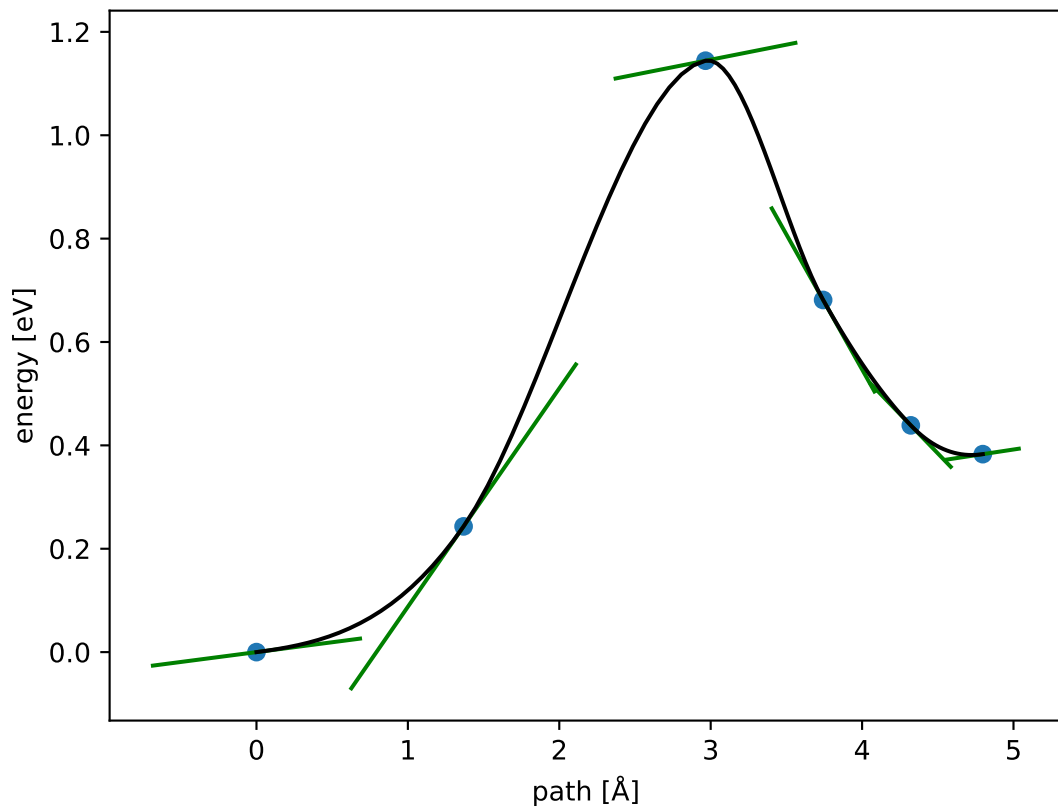
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



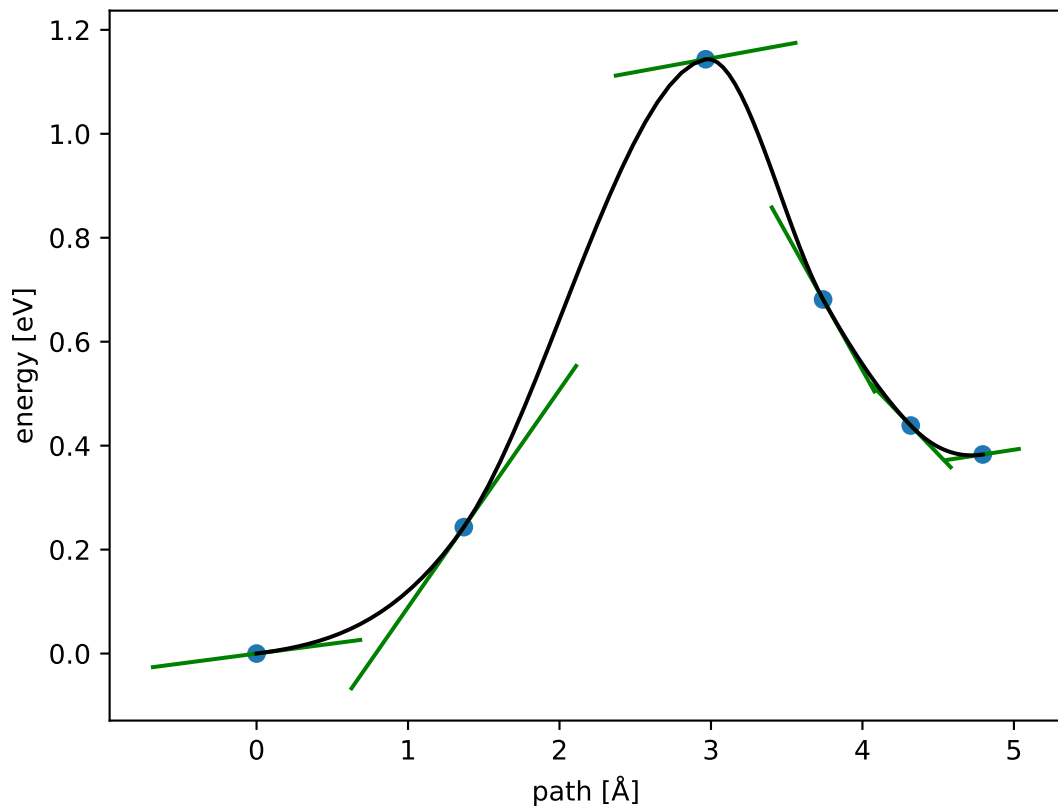
$$E_f \approx 1.135 \text{ eV}; E_r \approx 0.752 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



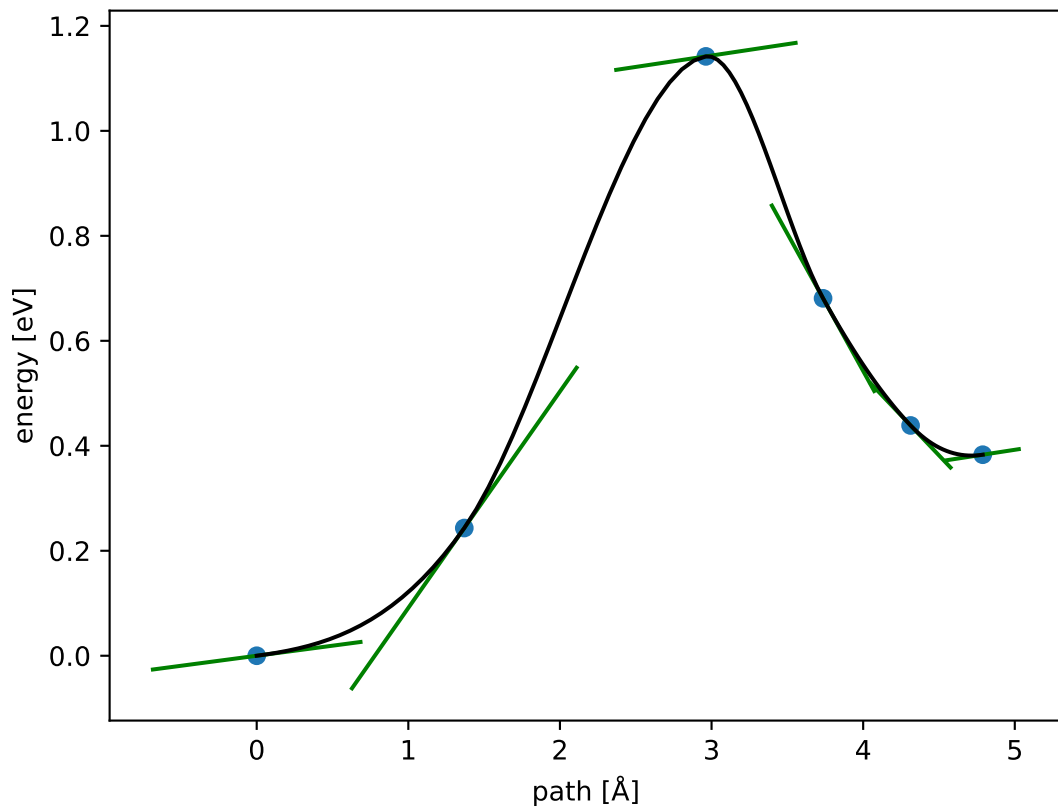
$$E_f \approx 1.144 \text{ eV}; E_r \approx 0.761 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



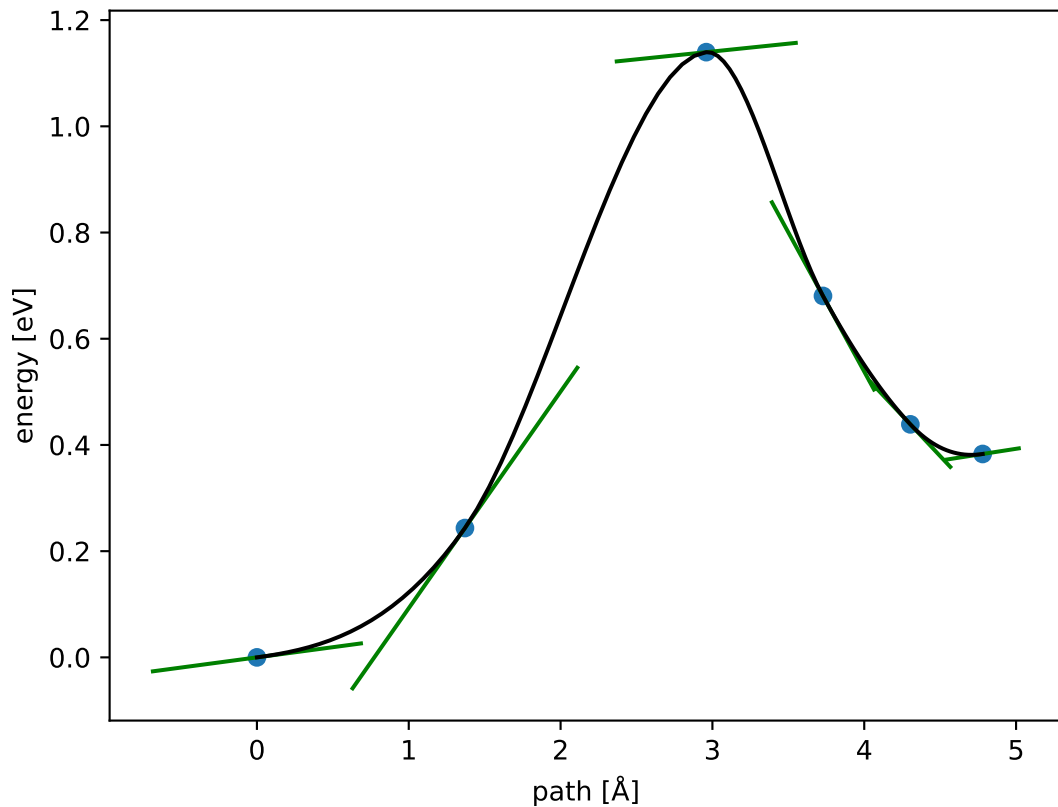
$$E_f \approx 1.143 \text{ eV}; E_r \approx 0.760 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



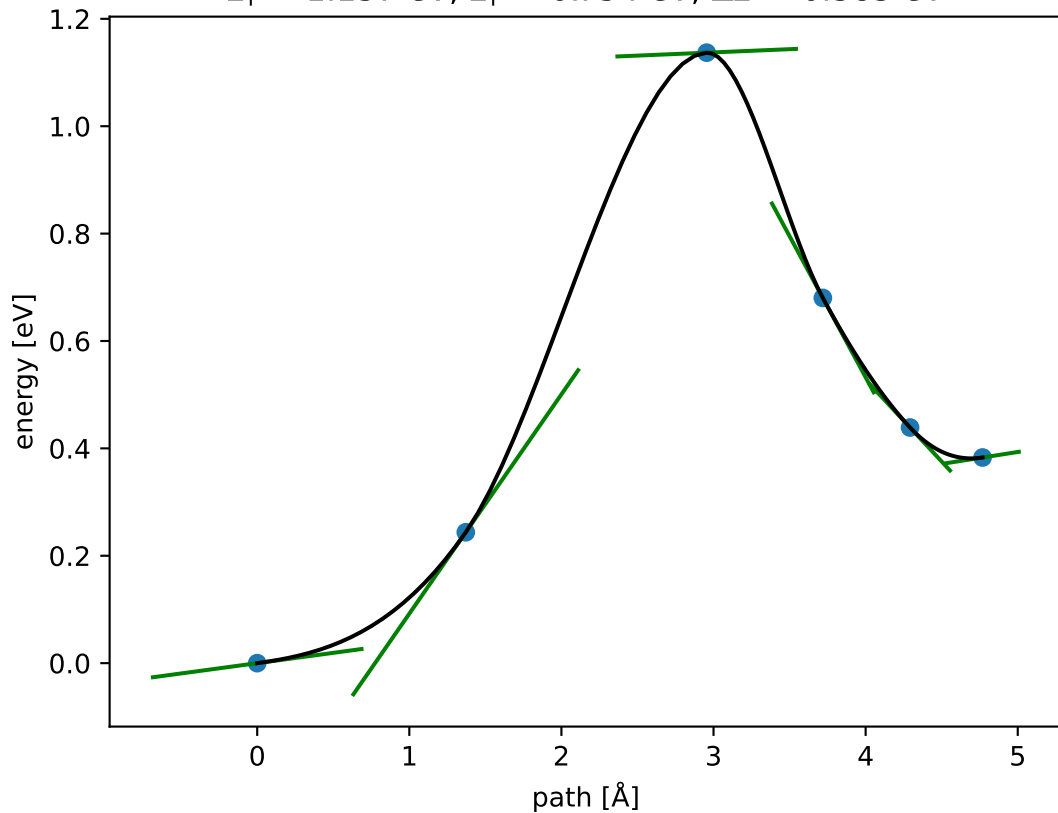
$$E_f \approx 1.142 \text{ eV}; E_r \approx 0.759 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



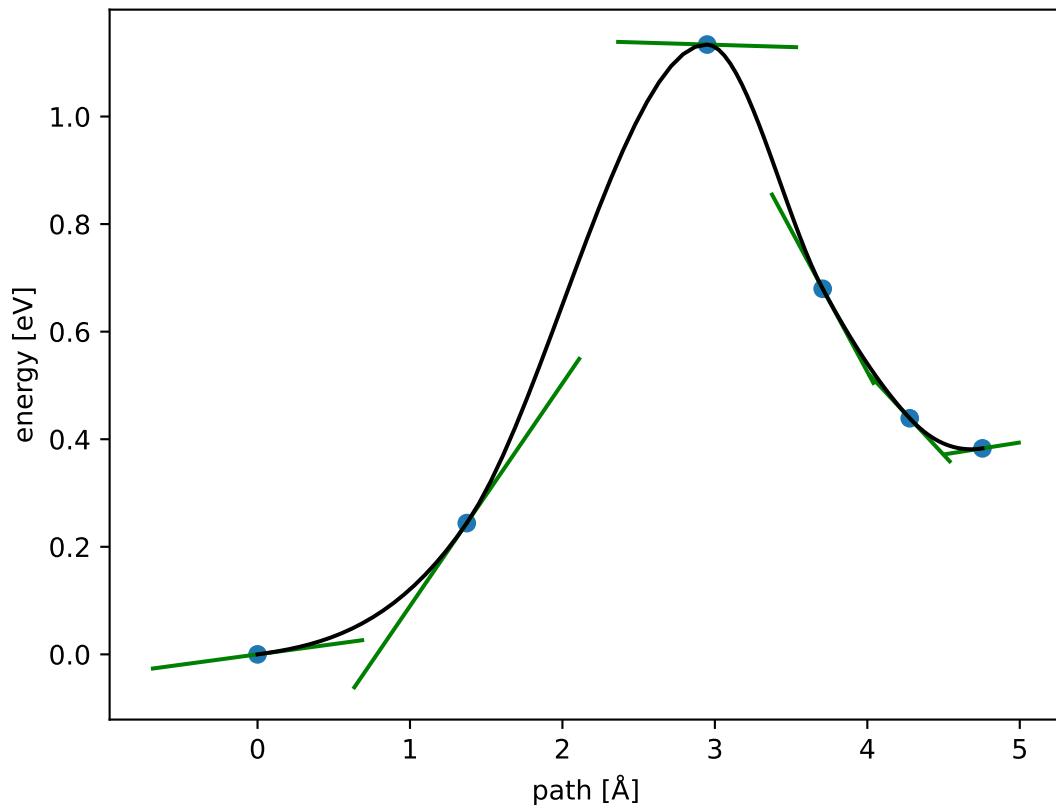
$$E_f \approx 1.140 \text{ eV}; E_r \approx 0.757 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



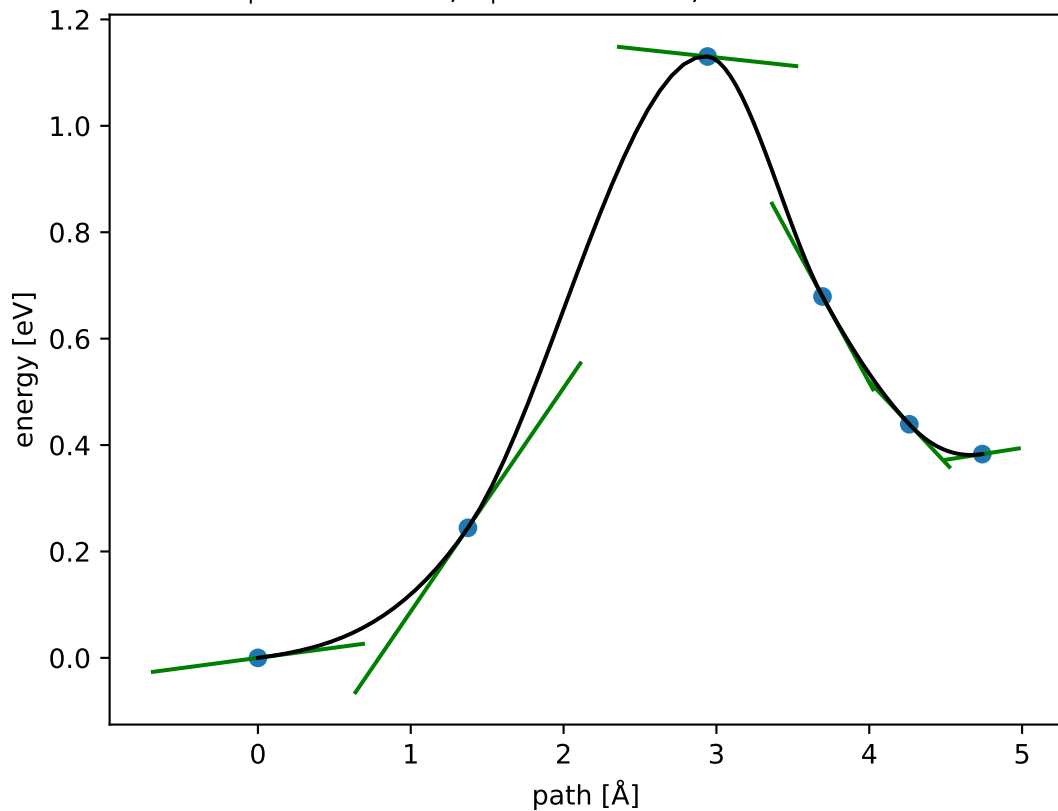
$$E_f \approx 1.137 \text{ eV}; E_r \approx 0.754 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



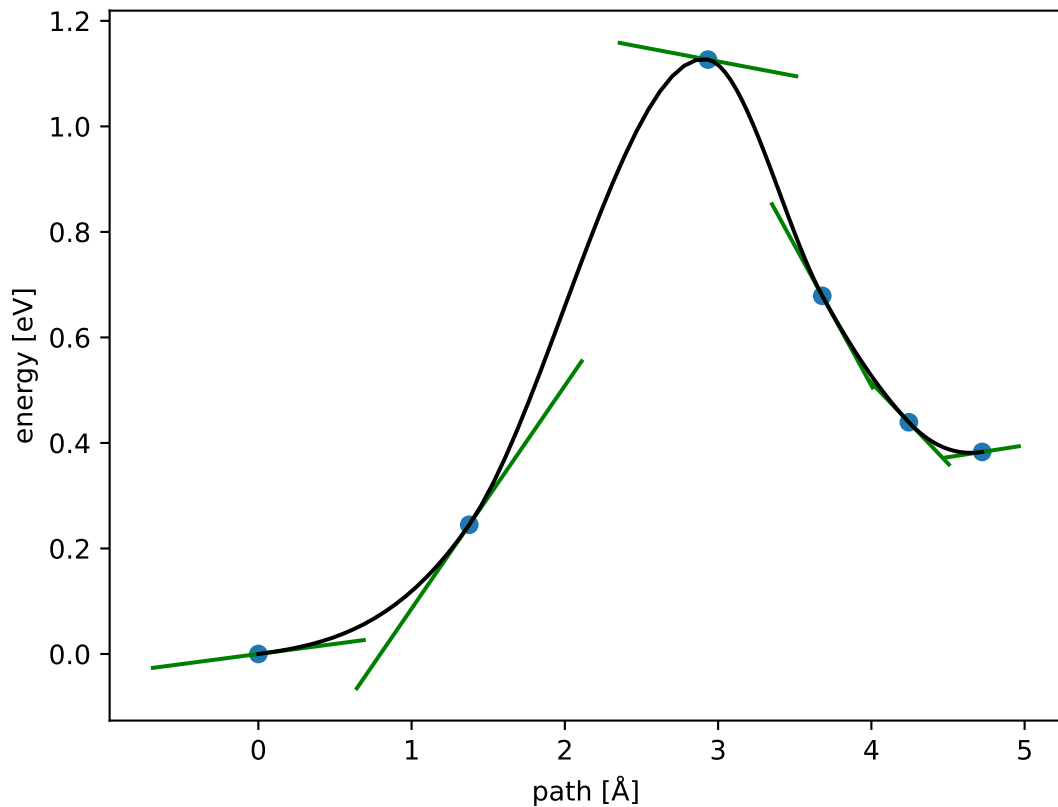
$$E_f \approx 1.134 \text{ eV}; E_r \approx 0.751 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



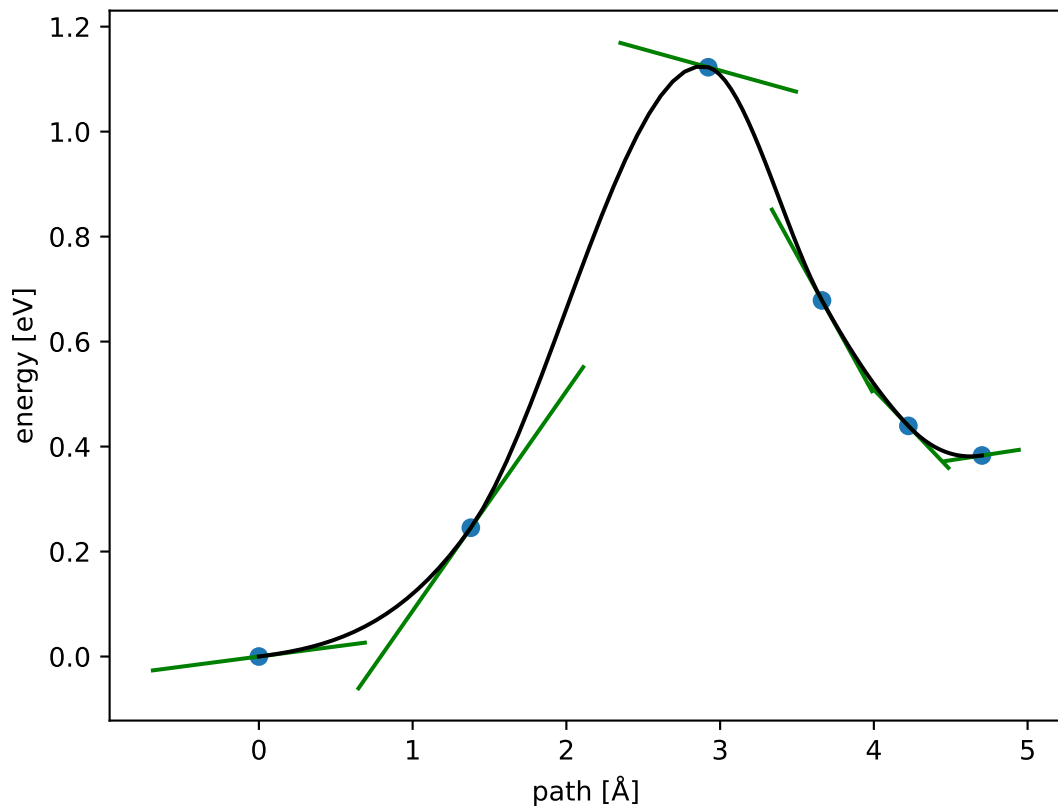
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



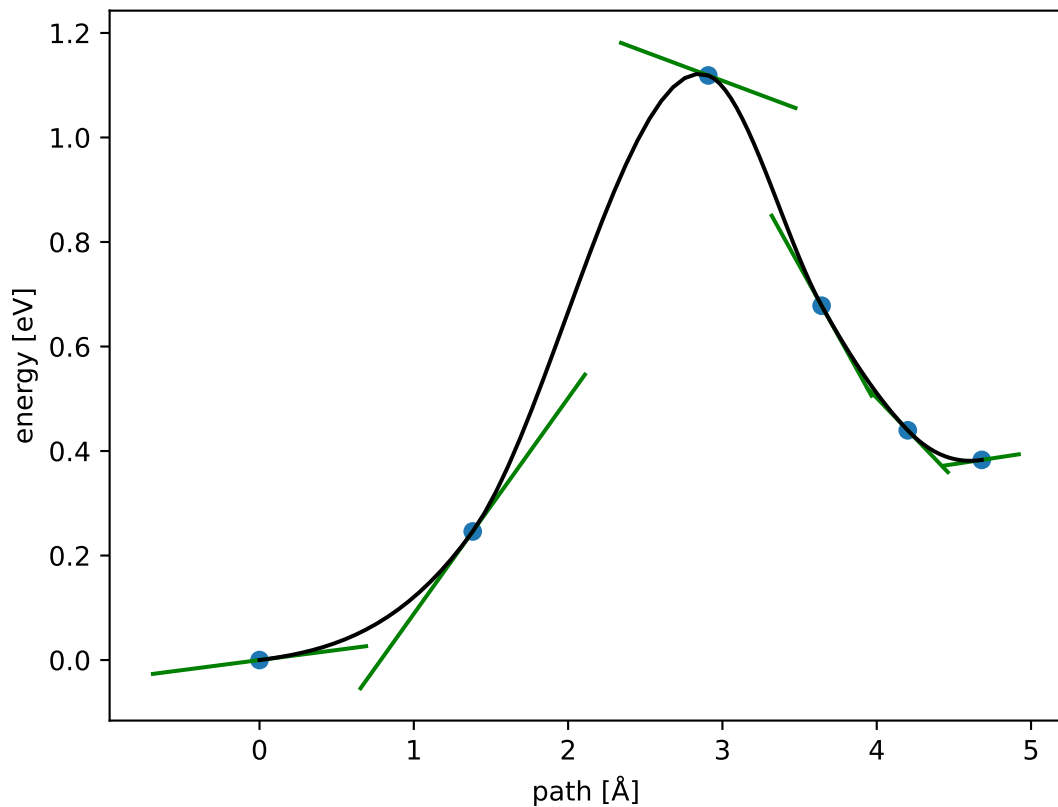
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.744 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



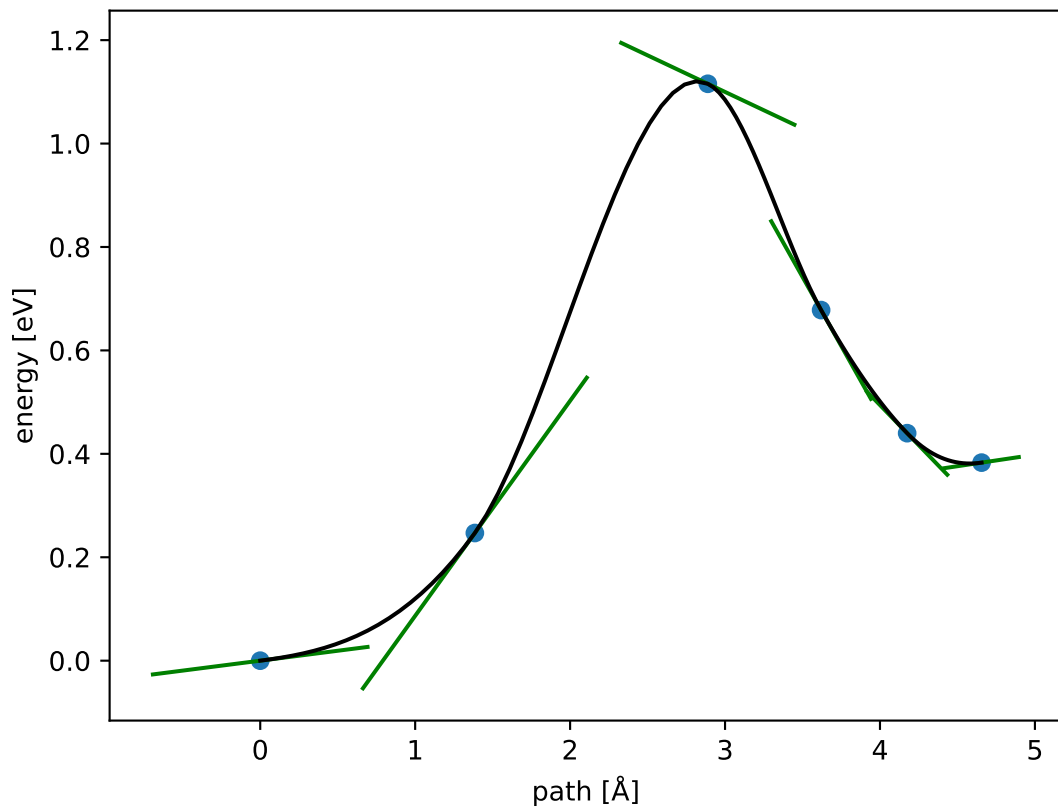
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



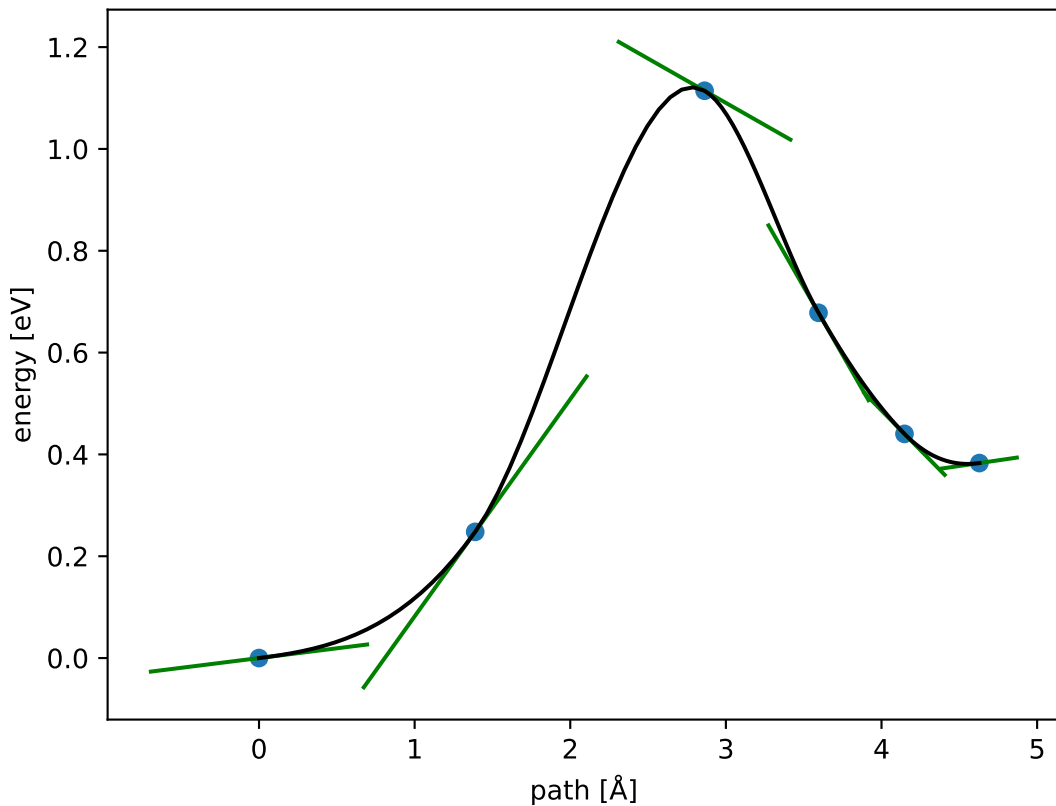
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



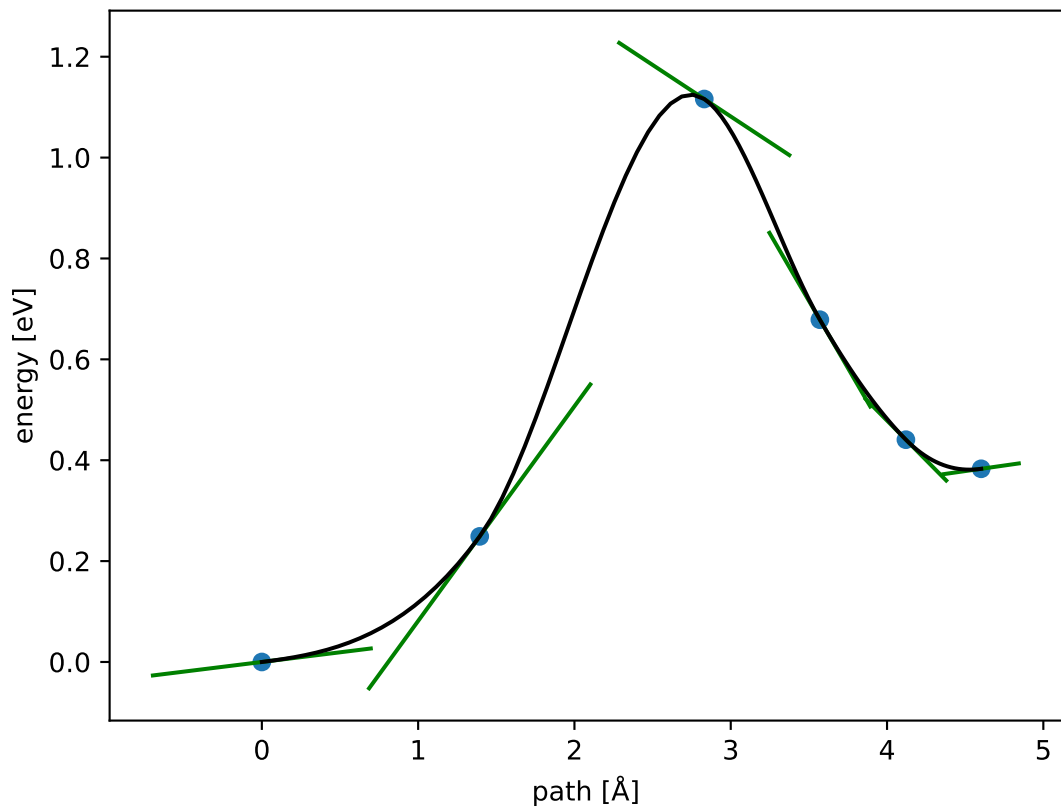
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



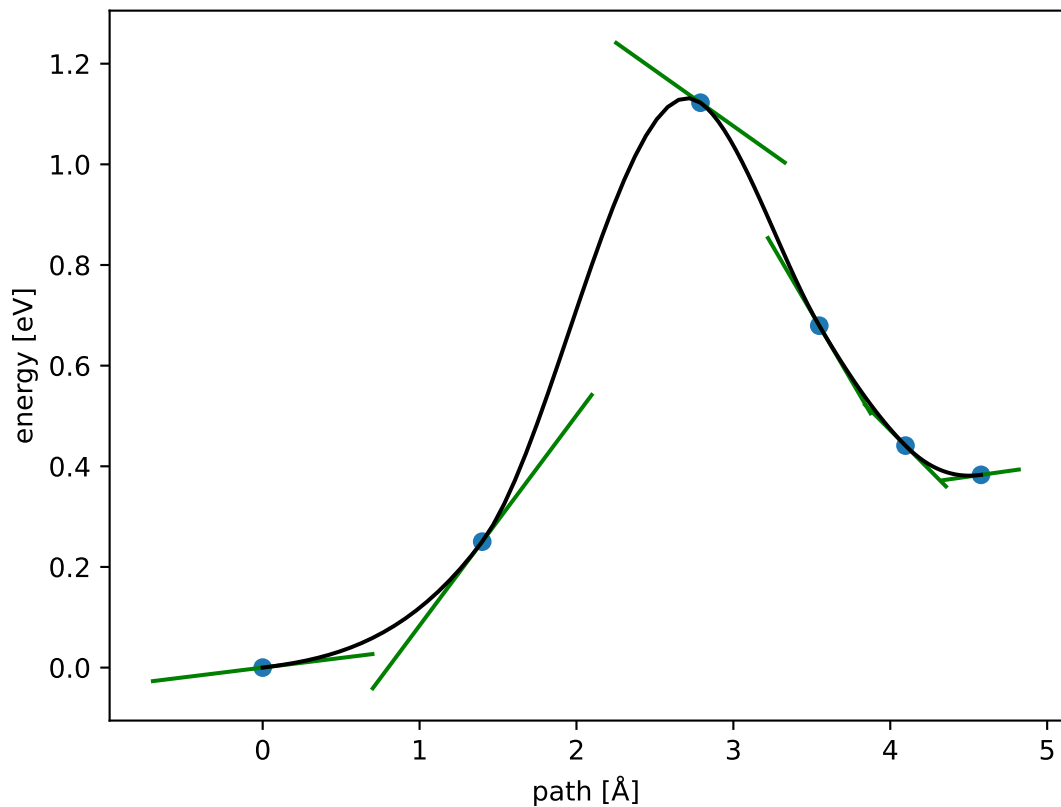
$$E_f \approx 1.114 \text{ eV}; E_r \approx 0.731 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



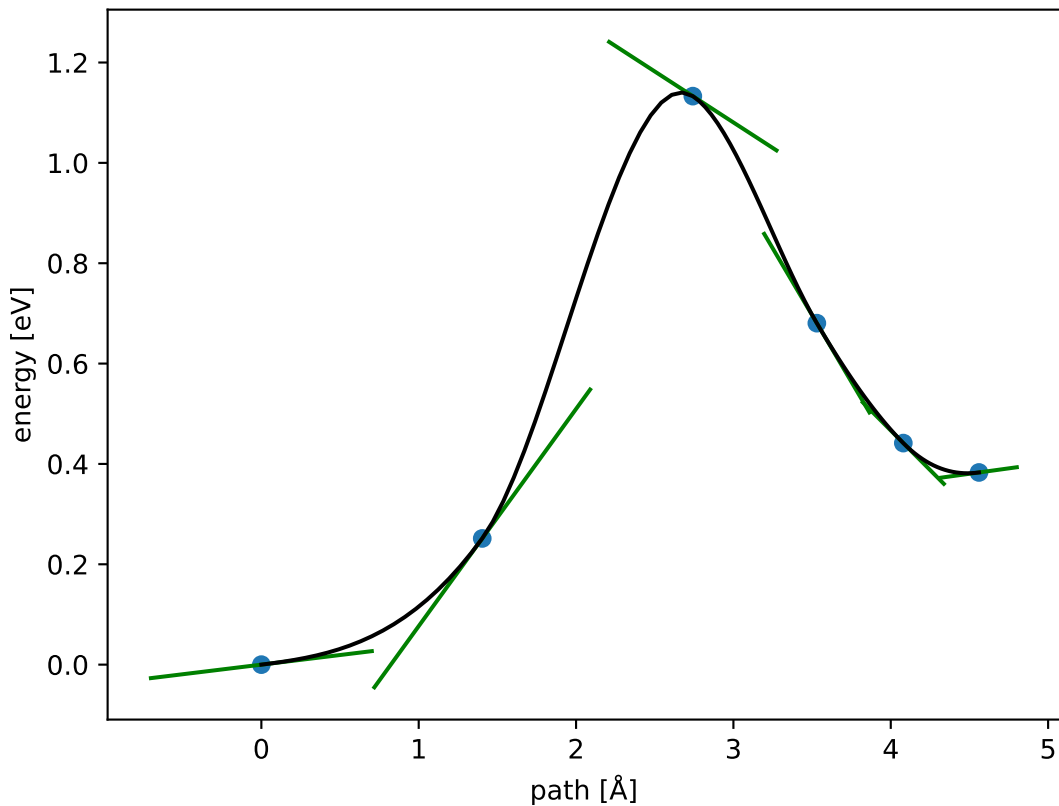
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



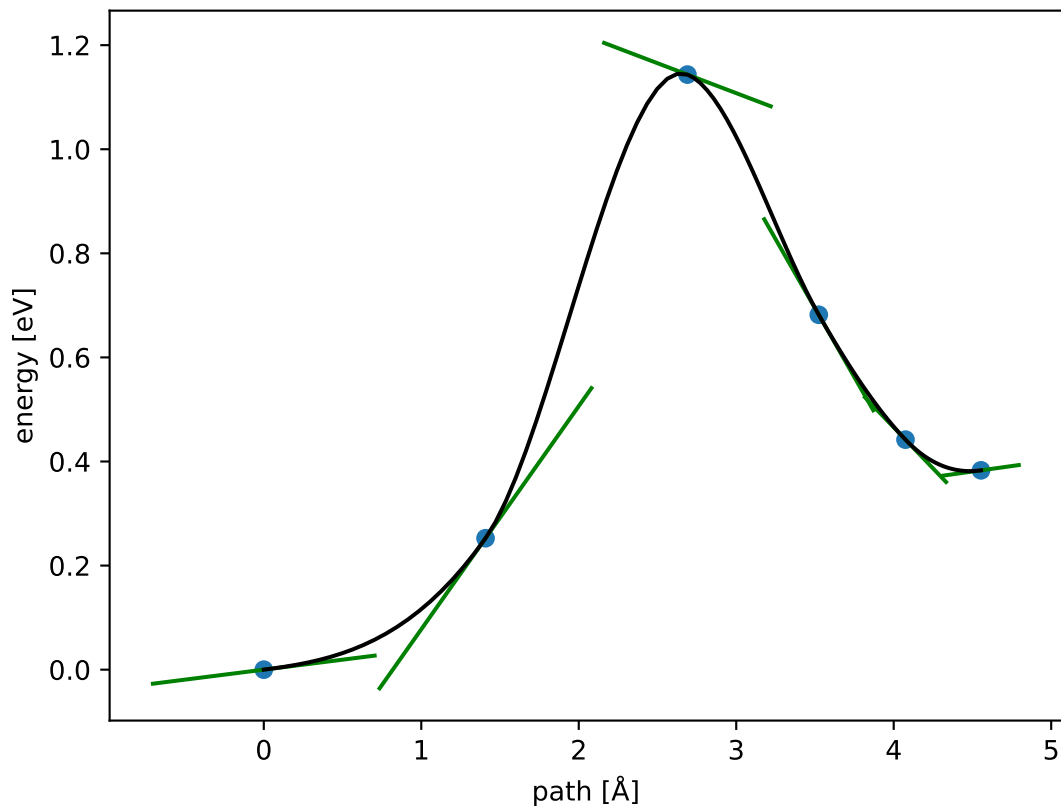
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



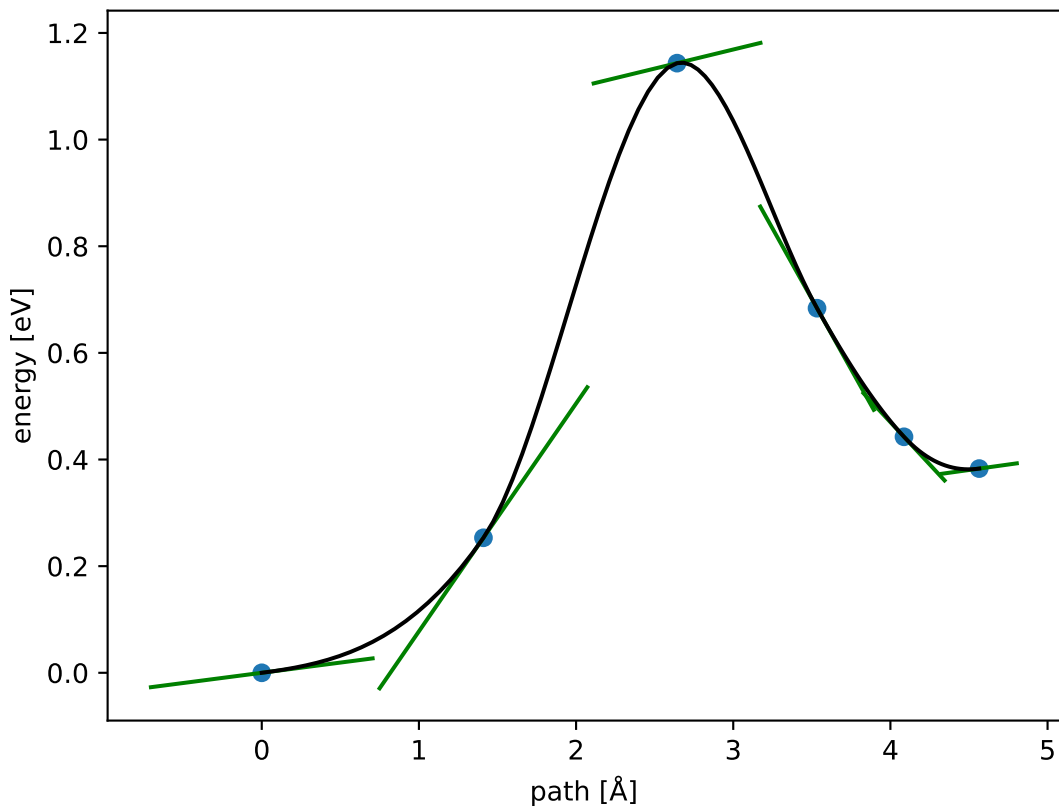
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



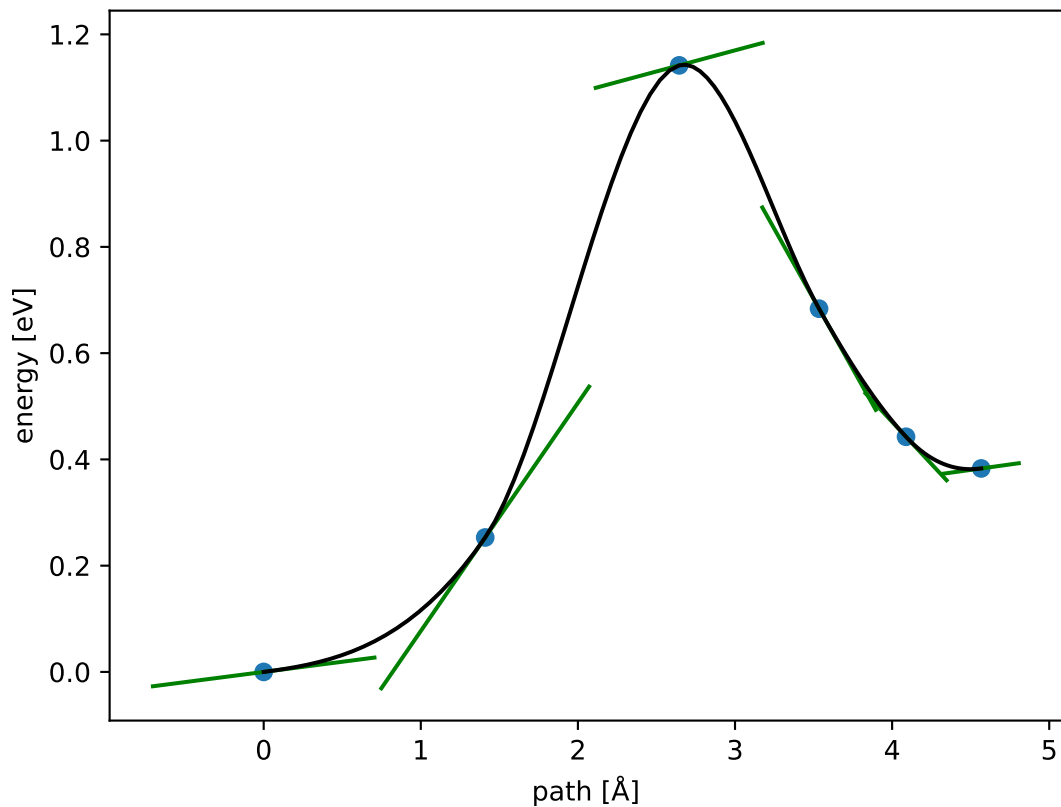
$$E_f \approx 1.143 \text{ eV}; E_r \approx 0.760 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



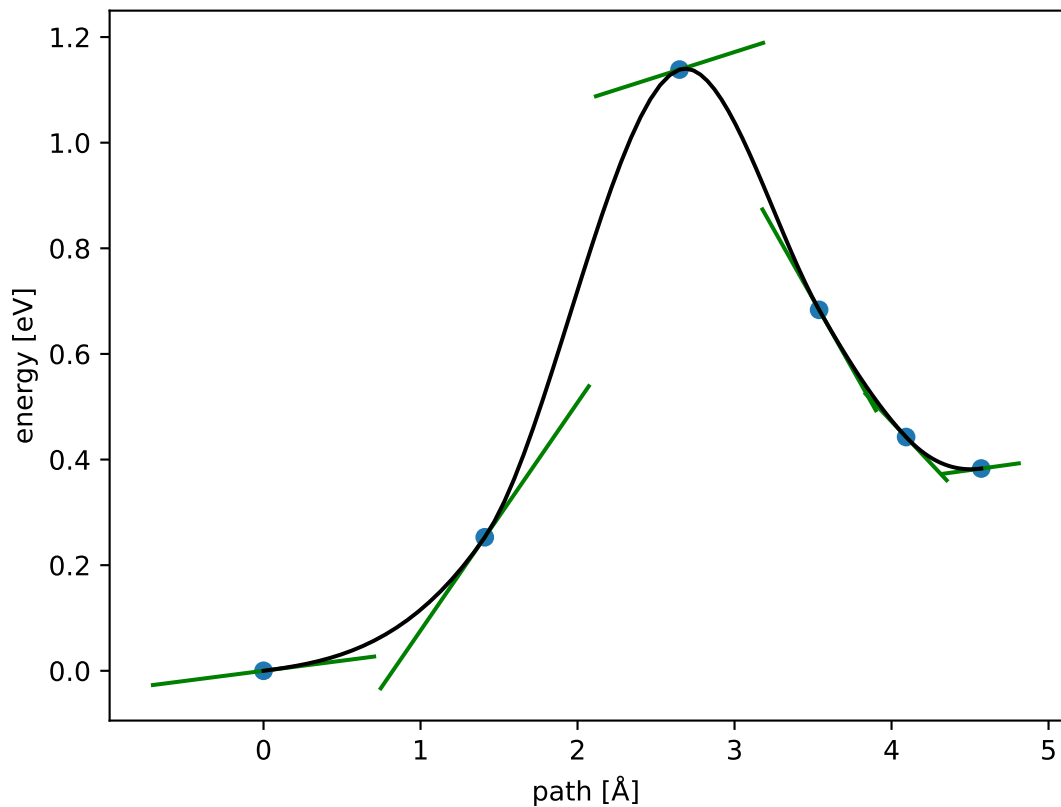
$$E_f \approx 1.143 \text{ eV}; E_r \approx 0.760 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



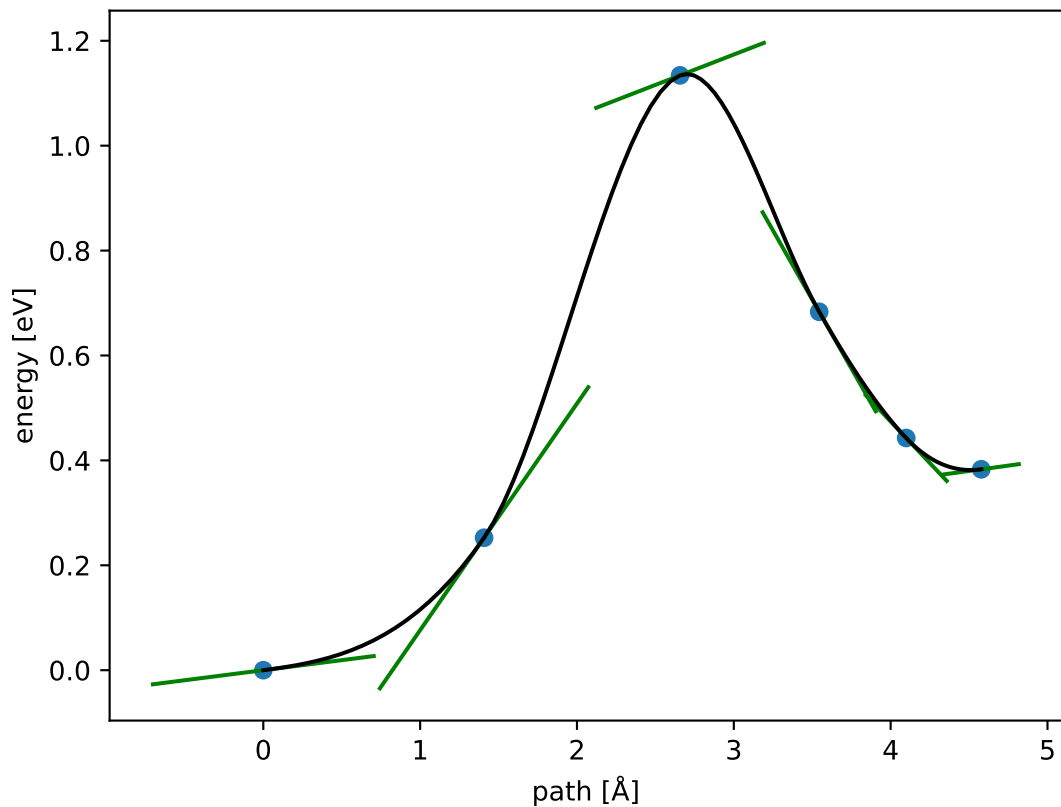
$$E_f \approx 1.142 \text{ eV}; E_r \approx 0.759 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



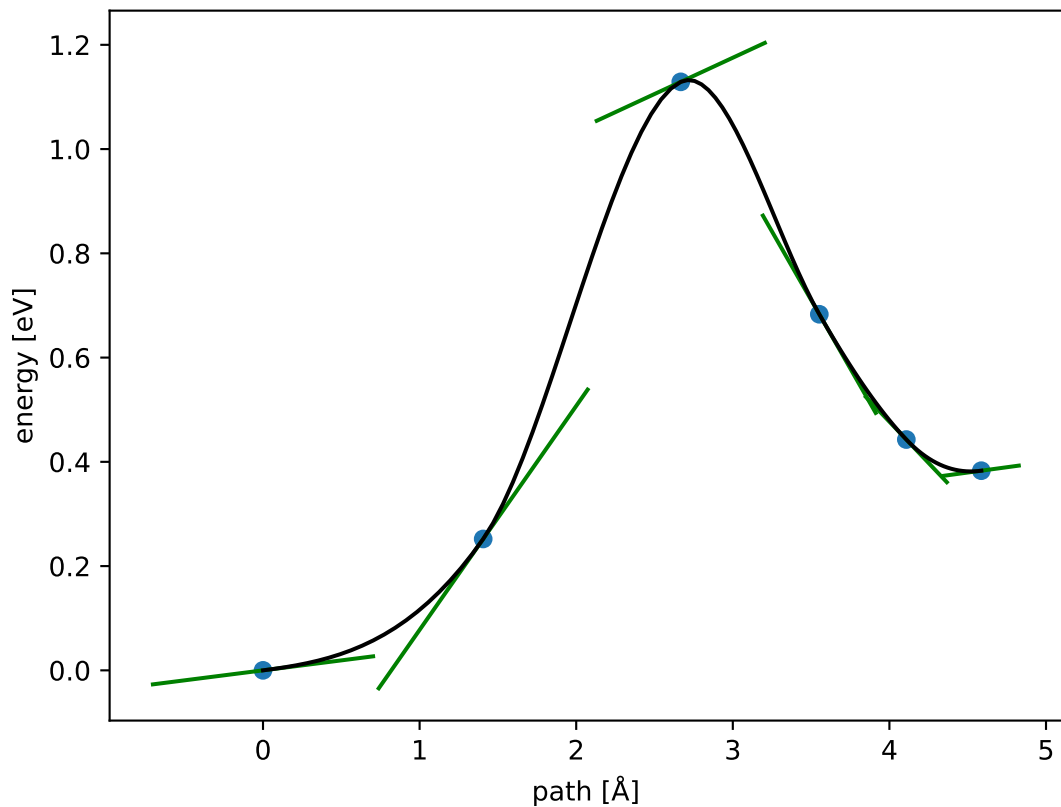
$$E_f \approx 1.138 \text{ eV}; E_r \approx 0.755 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



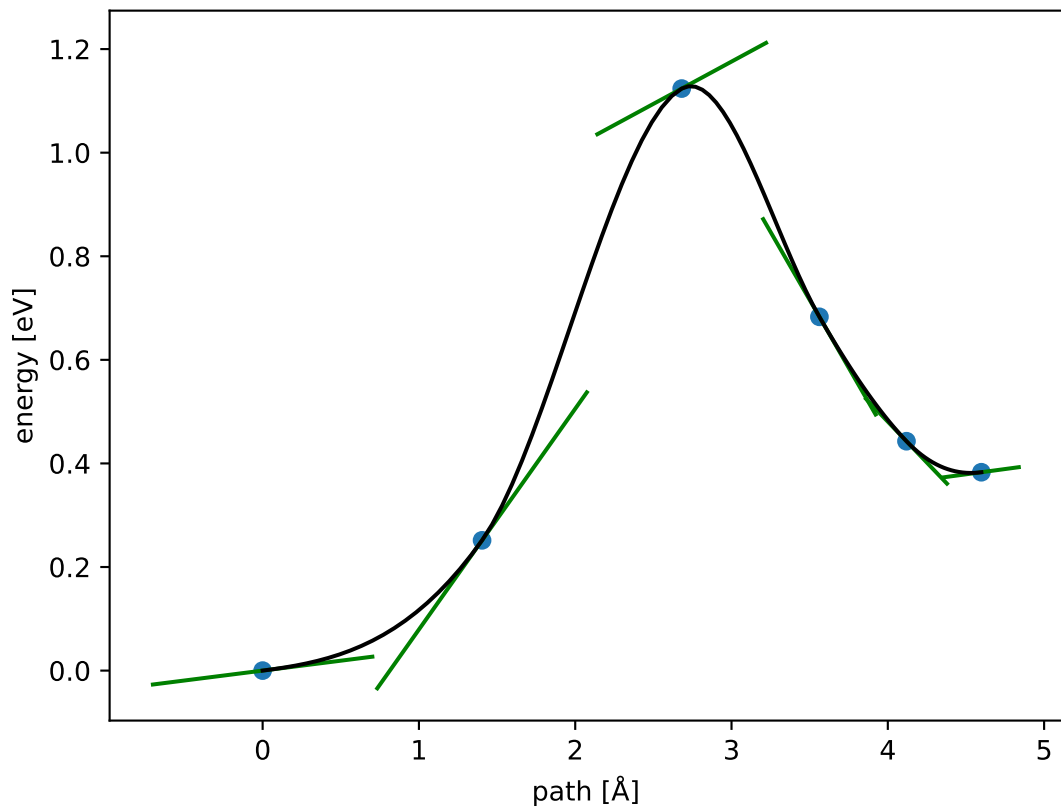
$$E_f \approx 1.134 \text{ eV}; E_r \approx 0.751 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



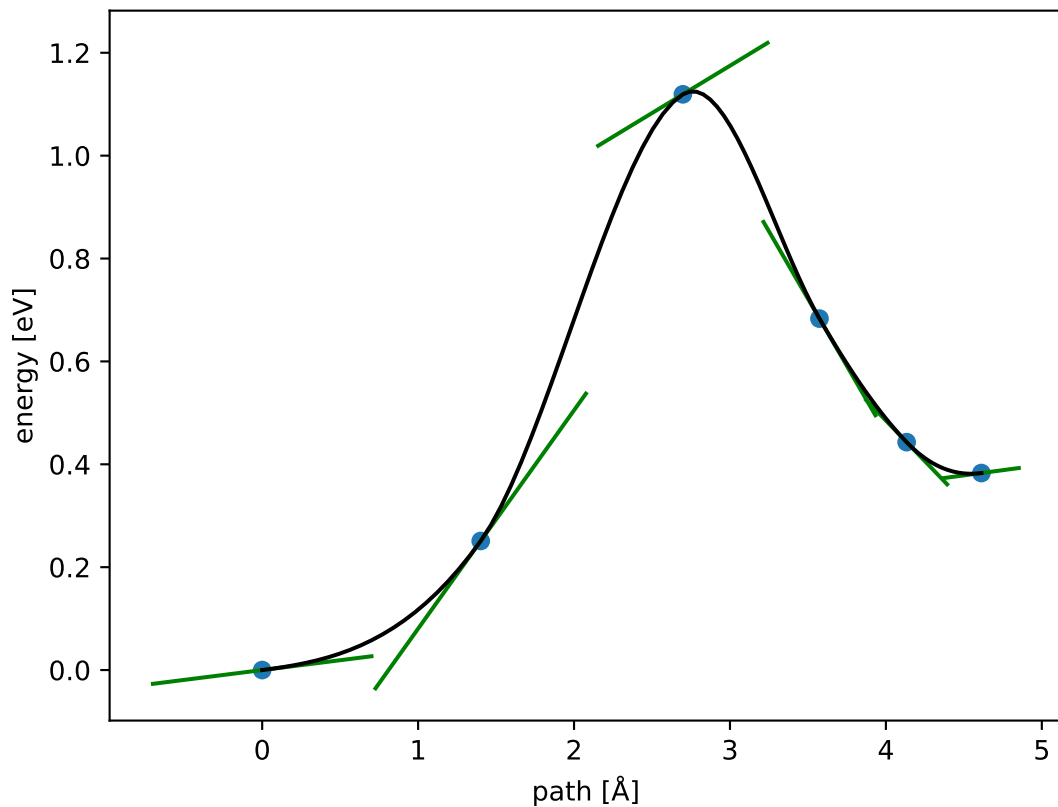
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



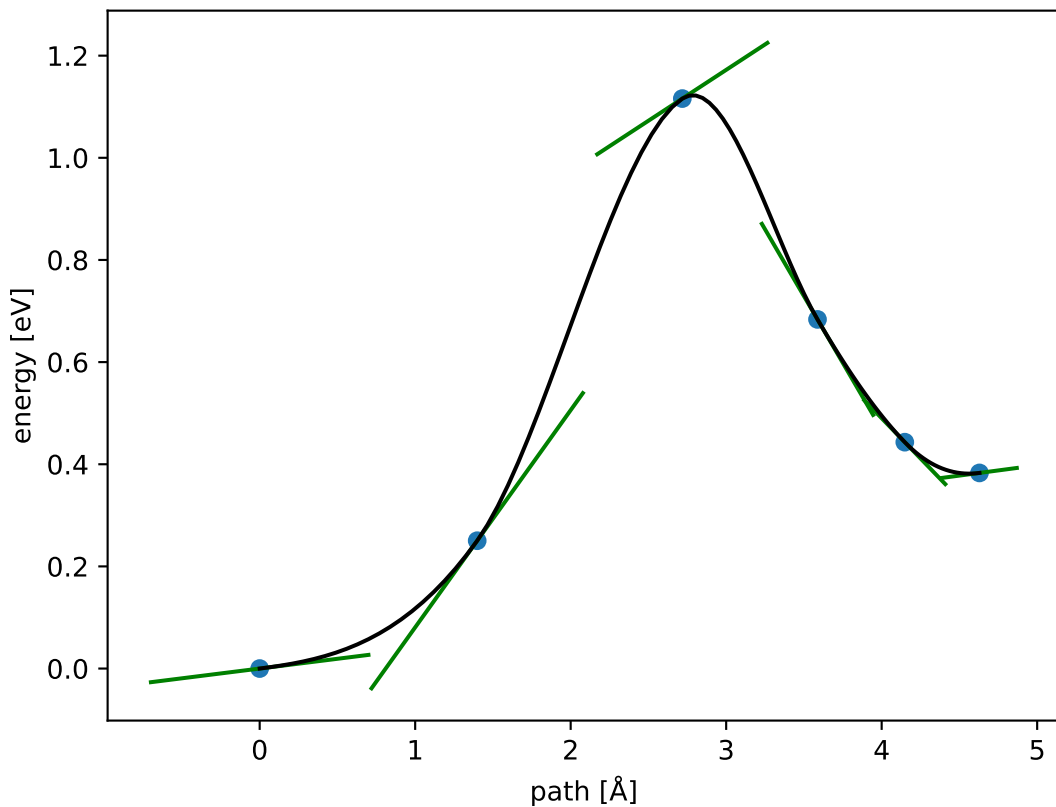
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



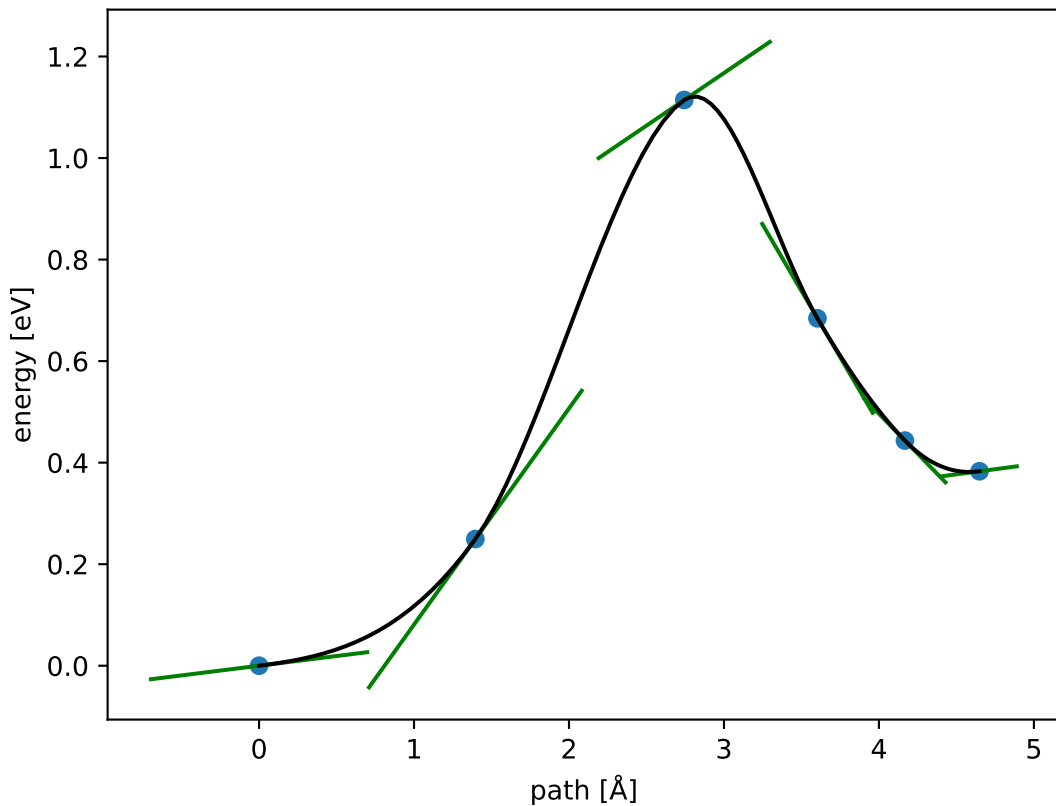
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



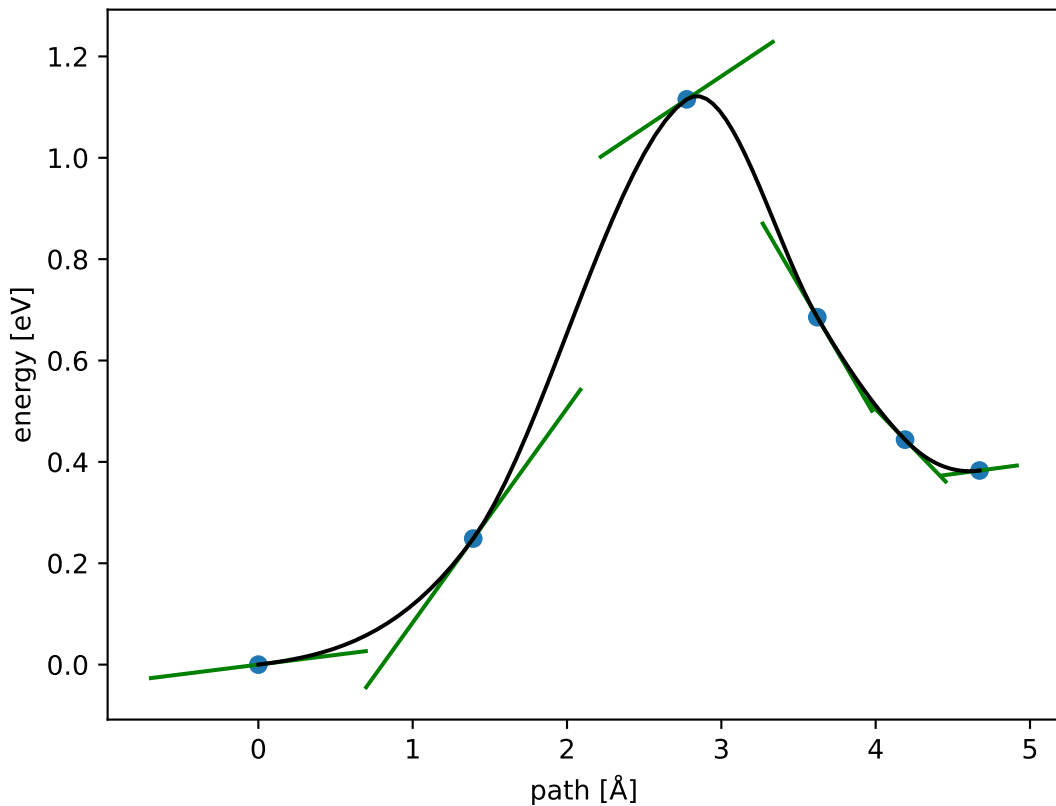
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



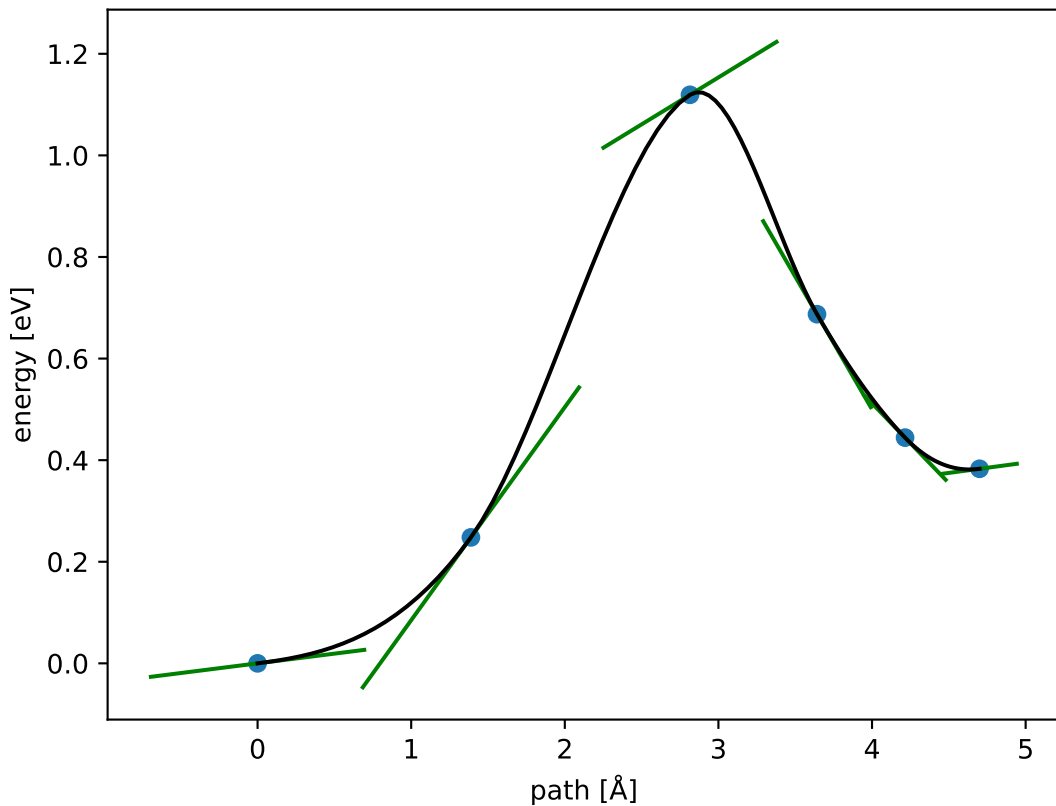
$$E_f \approx 1.114 \text{ eV}; E_r \approx 0.731 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



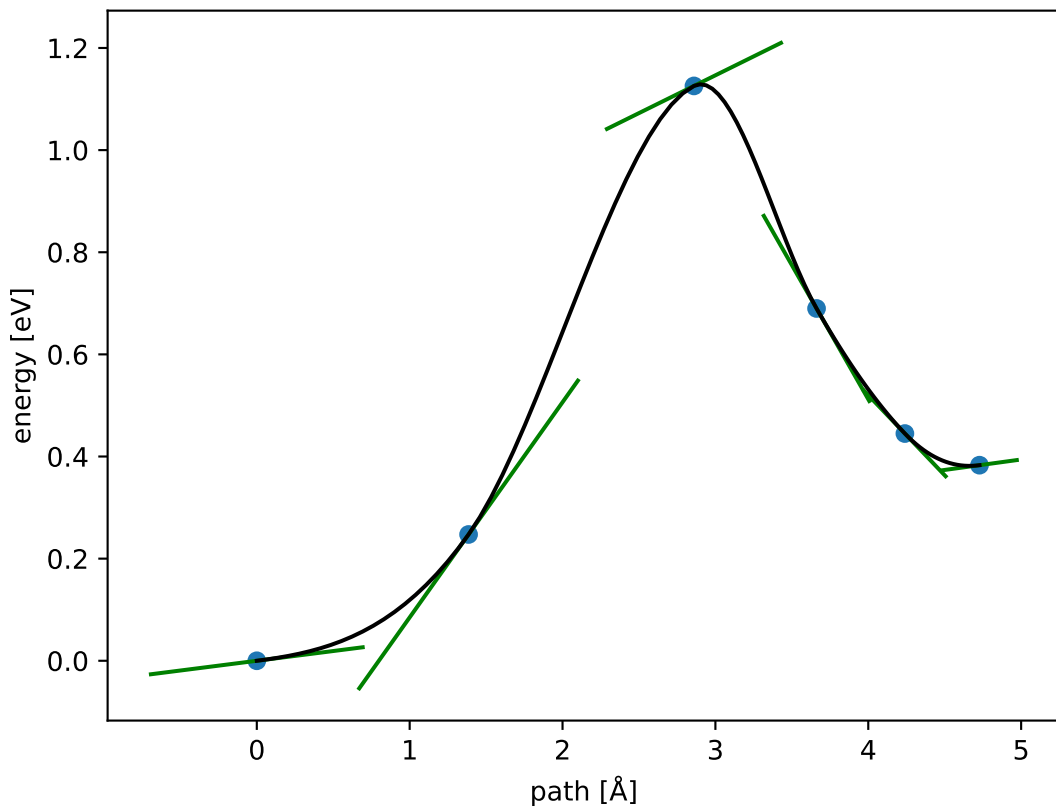
$$E_f \approx 1.115 \text{ eV}; E_r \approx 0.732 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



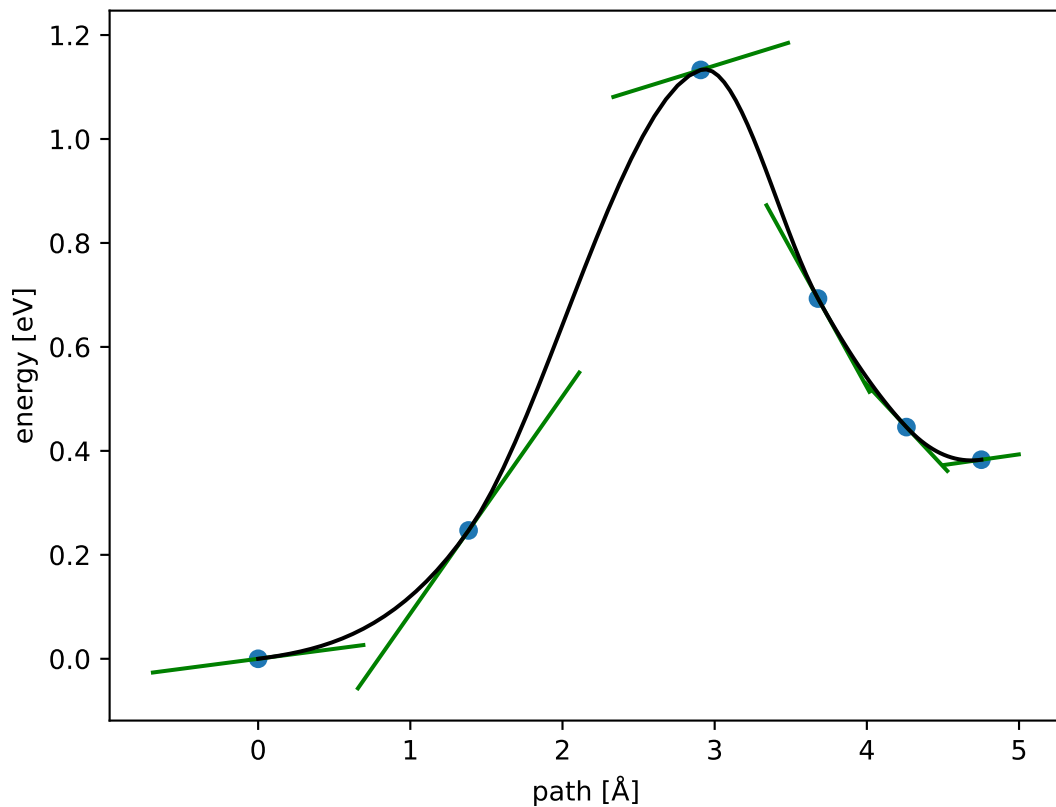
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



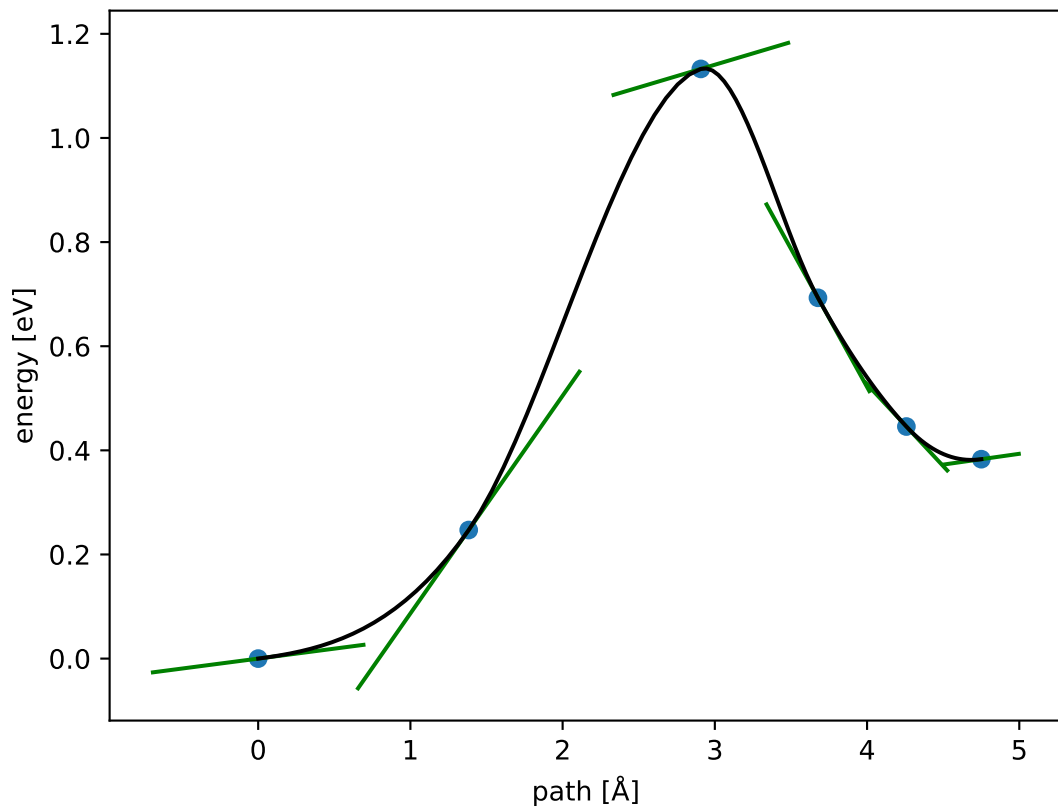
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



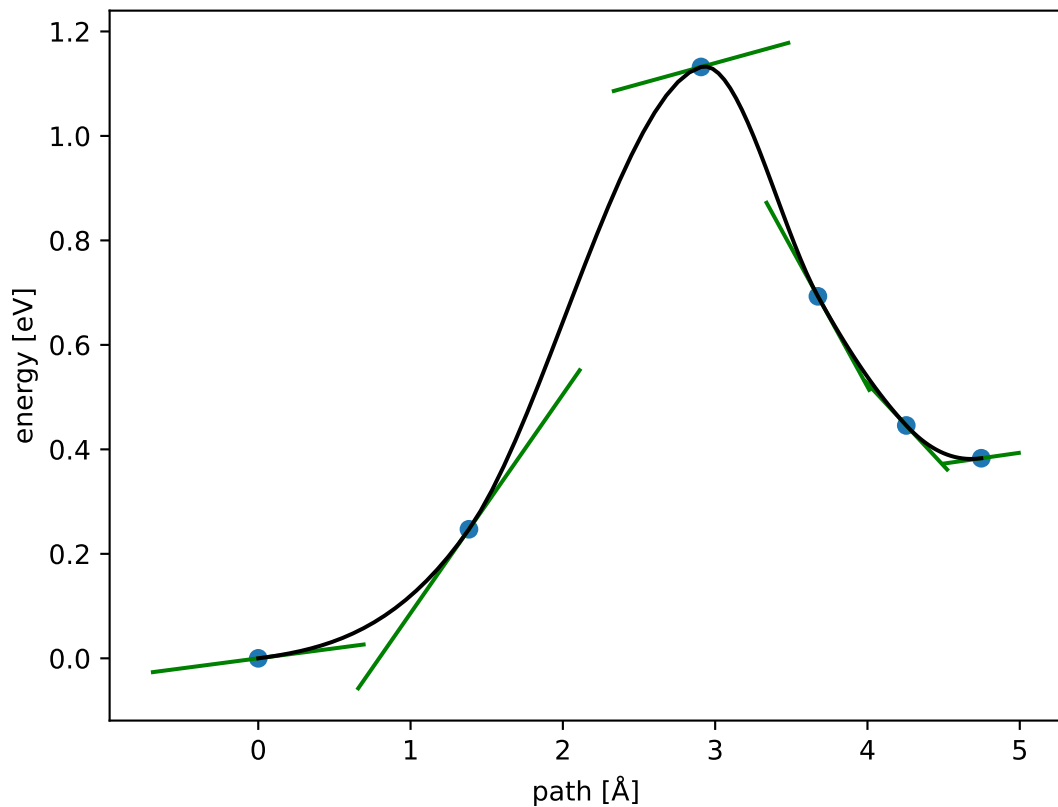
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



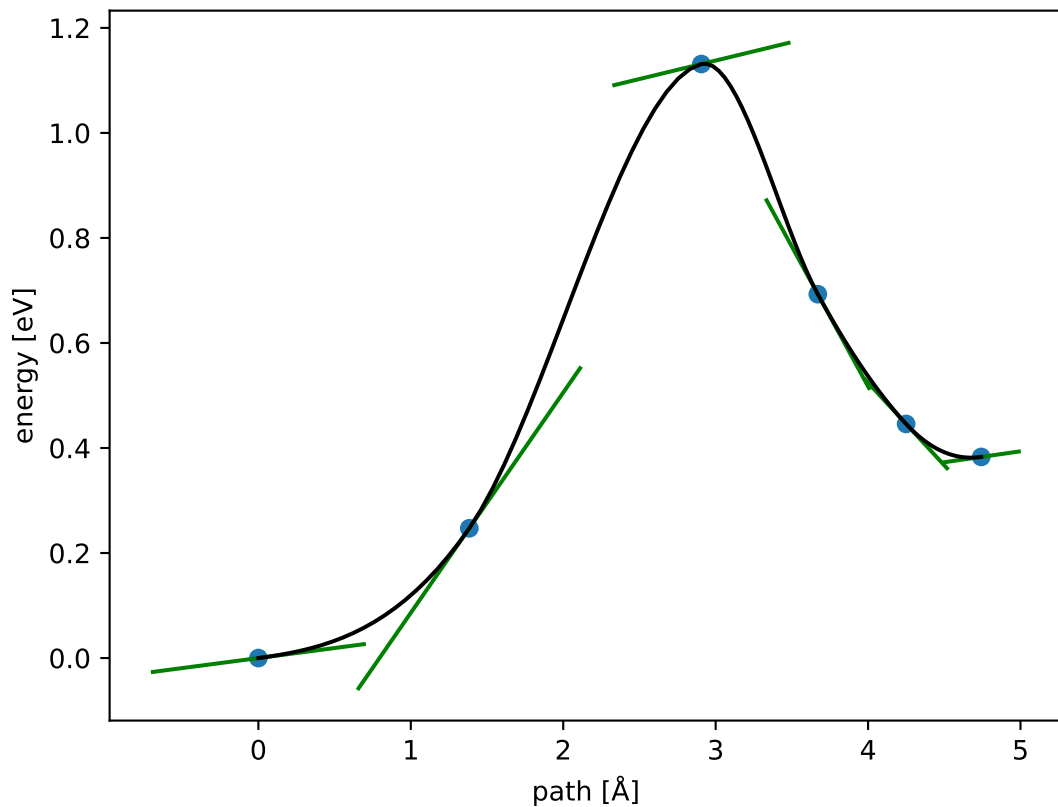
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



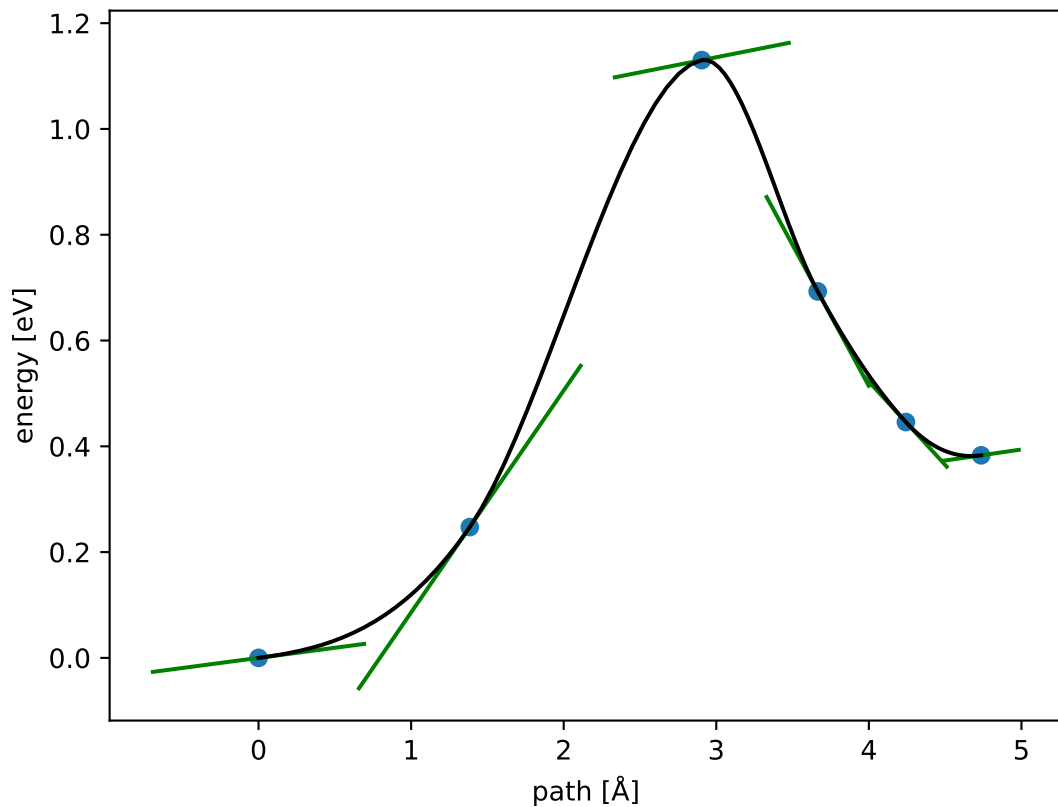
$$E_f \approx 1.132 \text{ eV}; E_r \approx 0.749 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



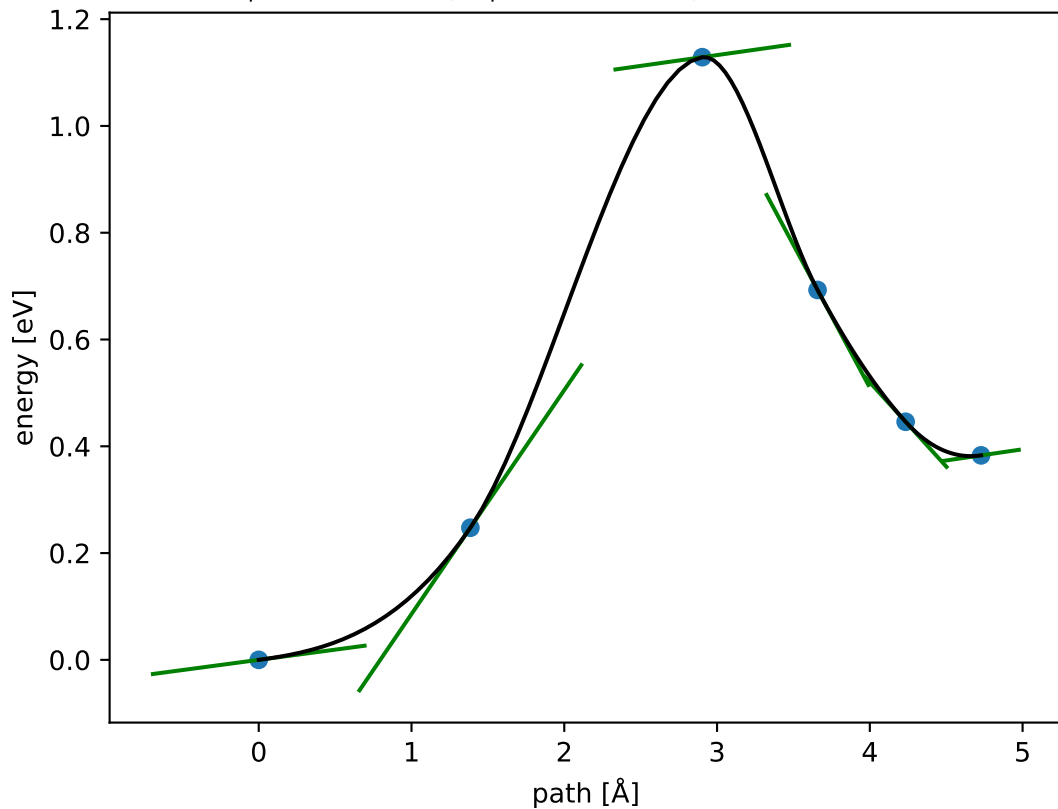
$$E_f \approx 1.131 \text{ eV}; E_r \approx 0.748 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



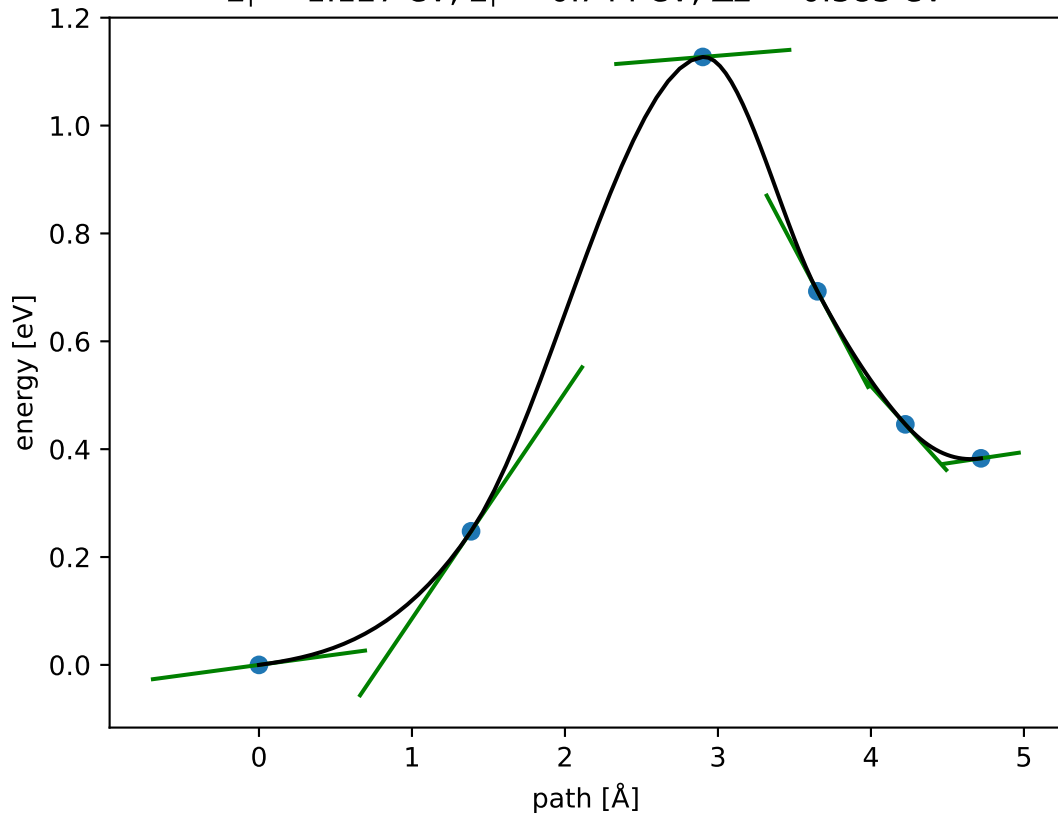
$$E_f \approx 1.130 \text{ eV}; E_r \approx 0.747 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



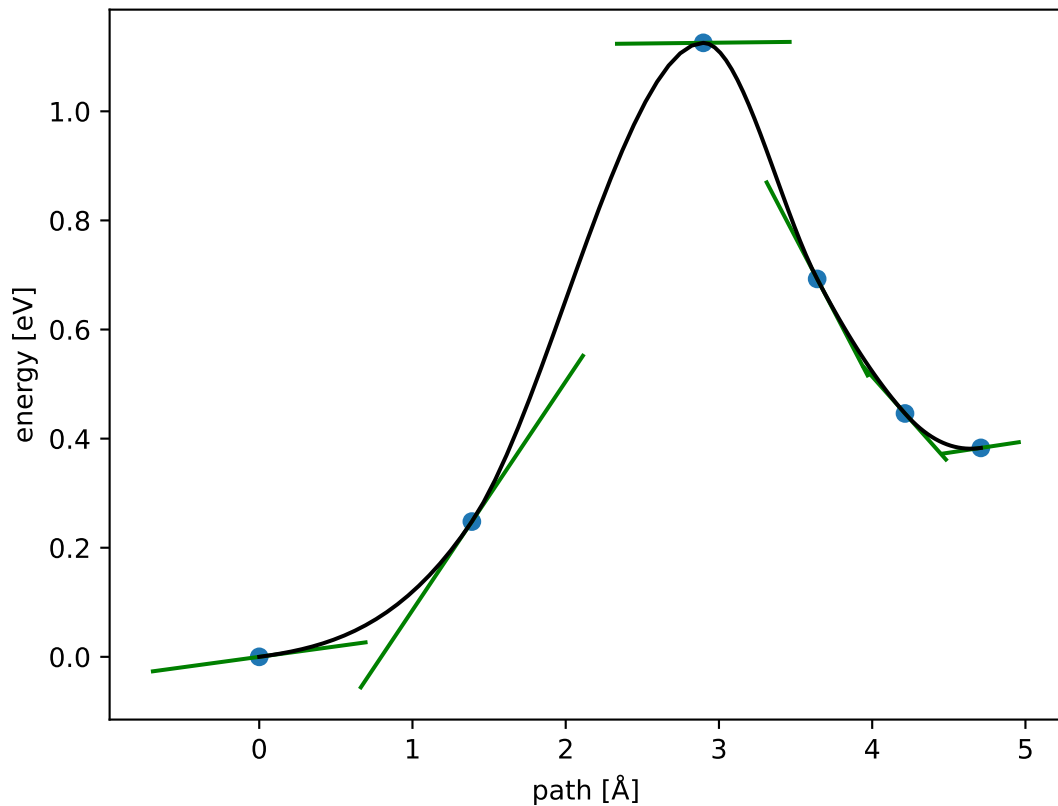
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



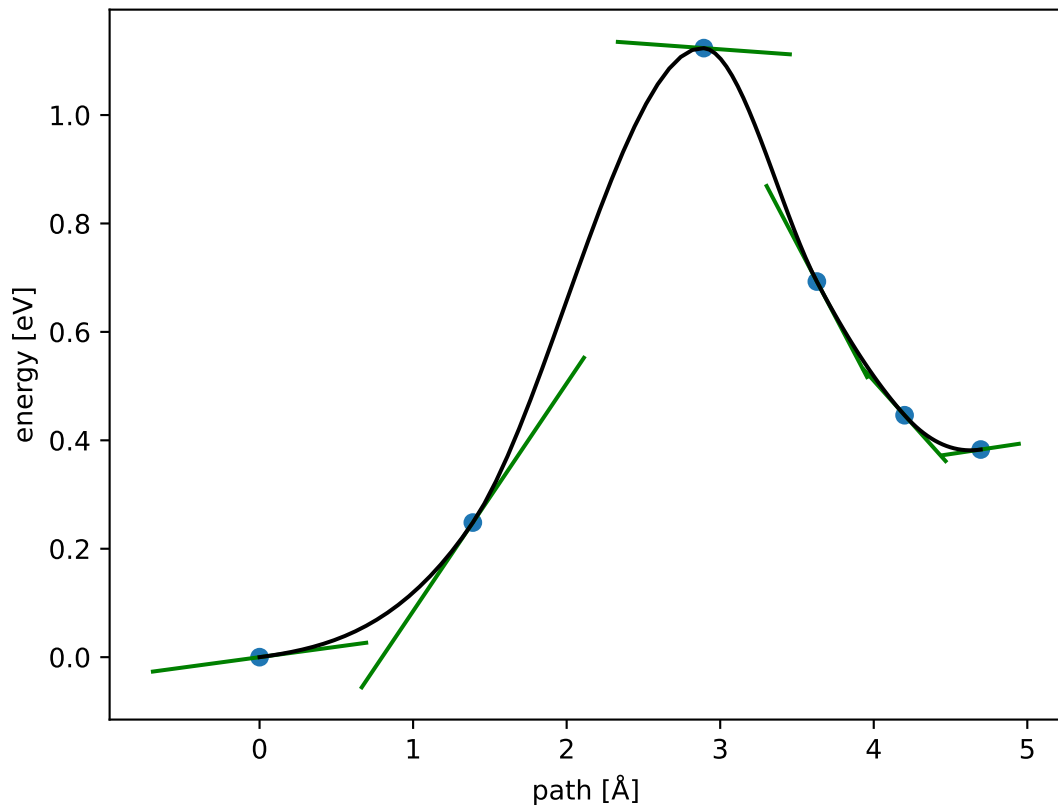
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.744 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



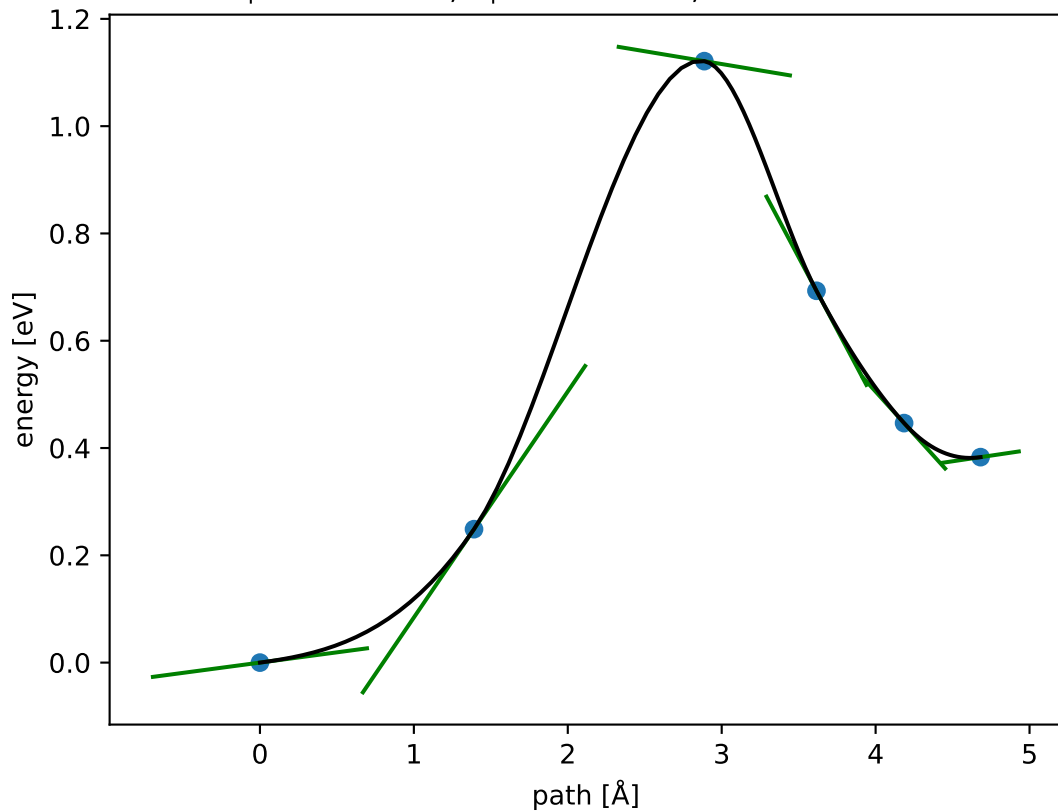
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



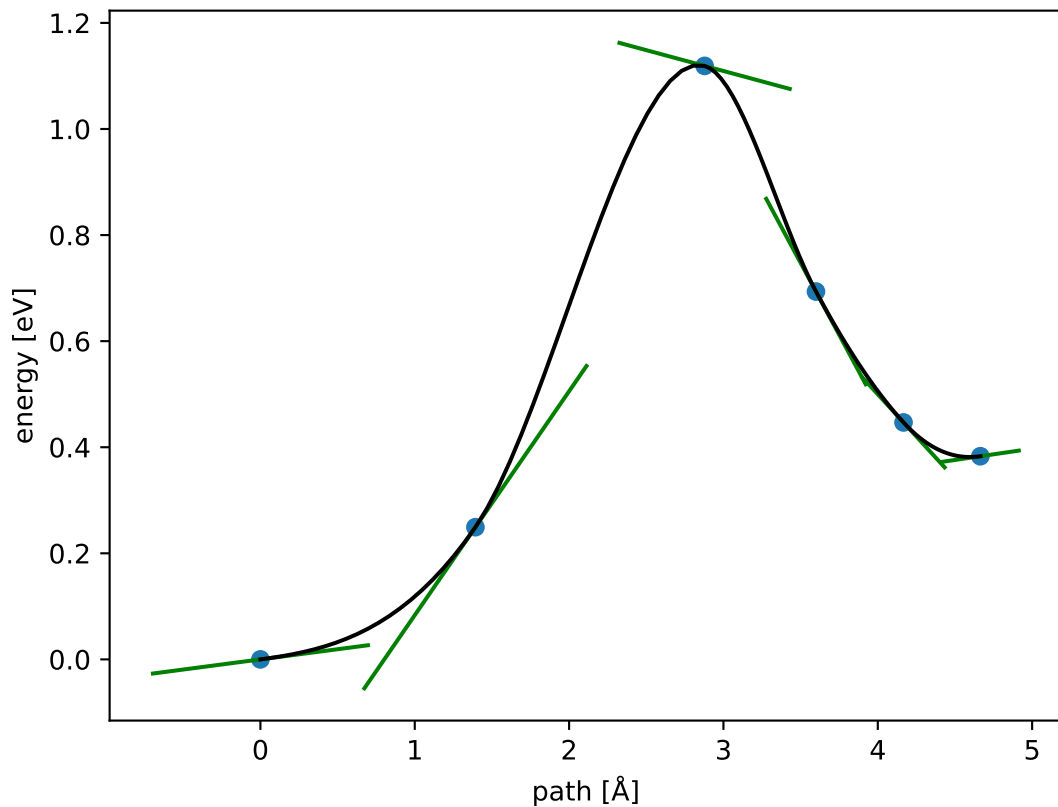
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



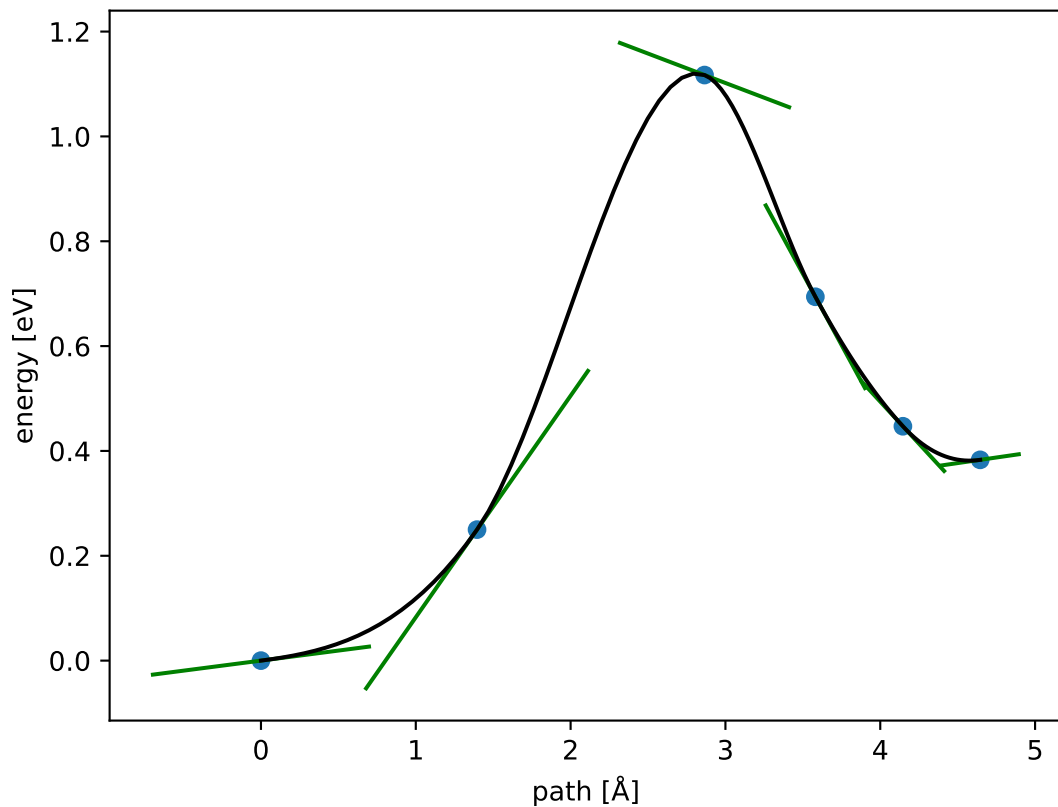
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



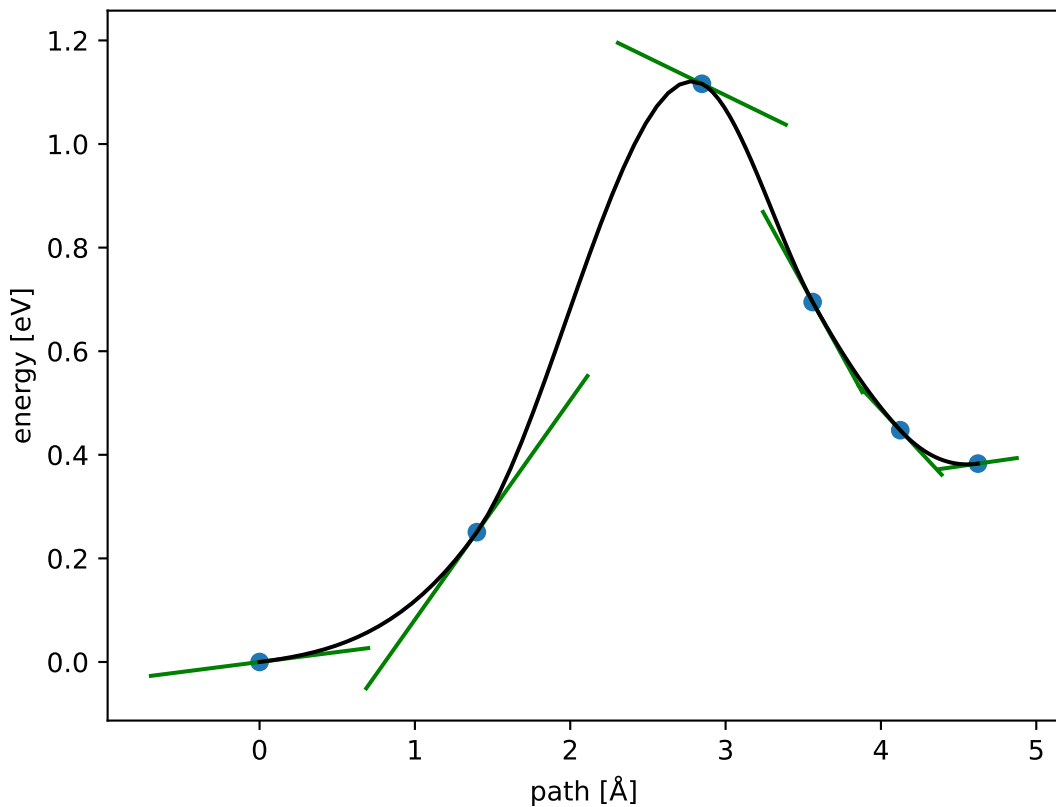
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



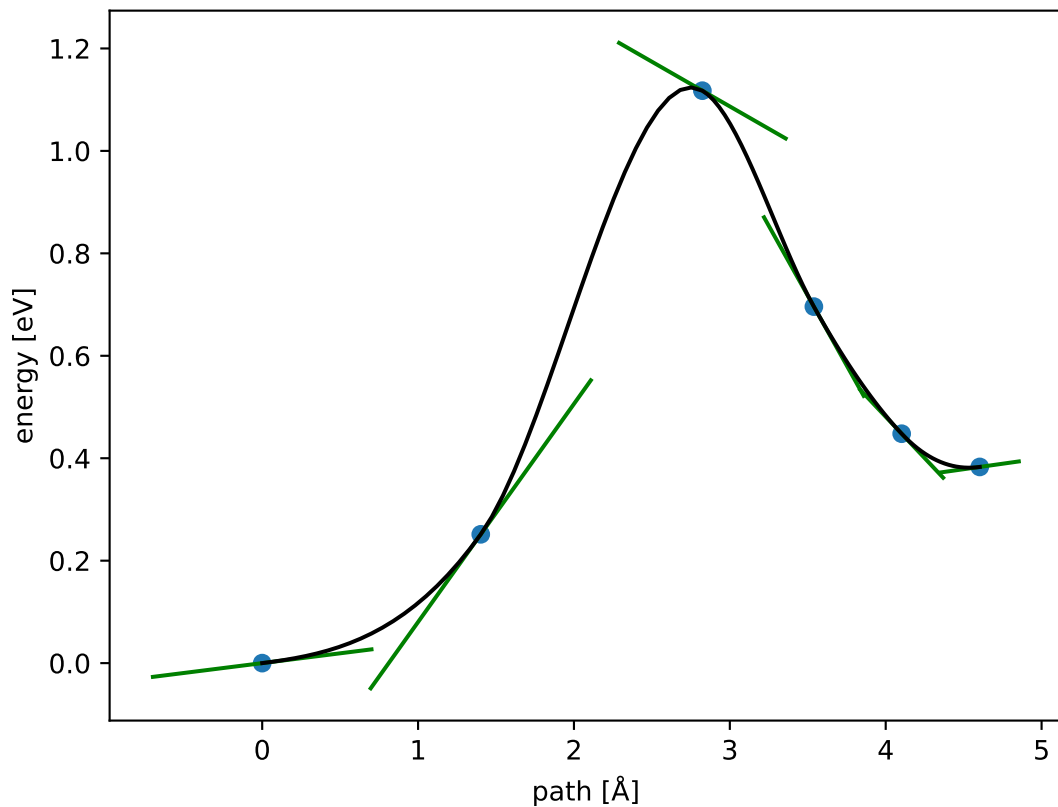
$$E_f \approx 1.117 \text{ eV}; E_r \approx 0.734 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



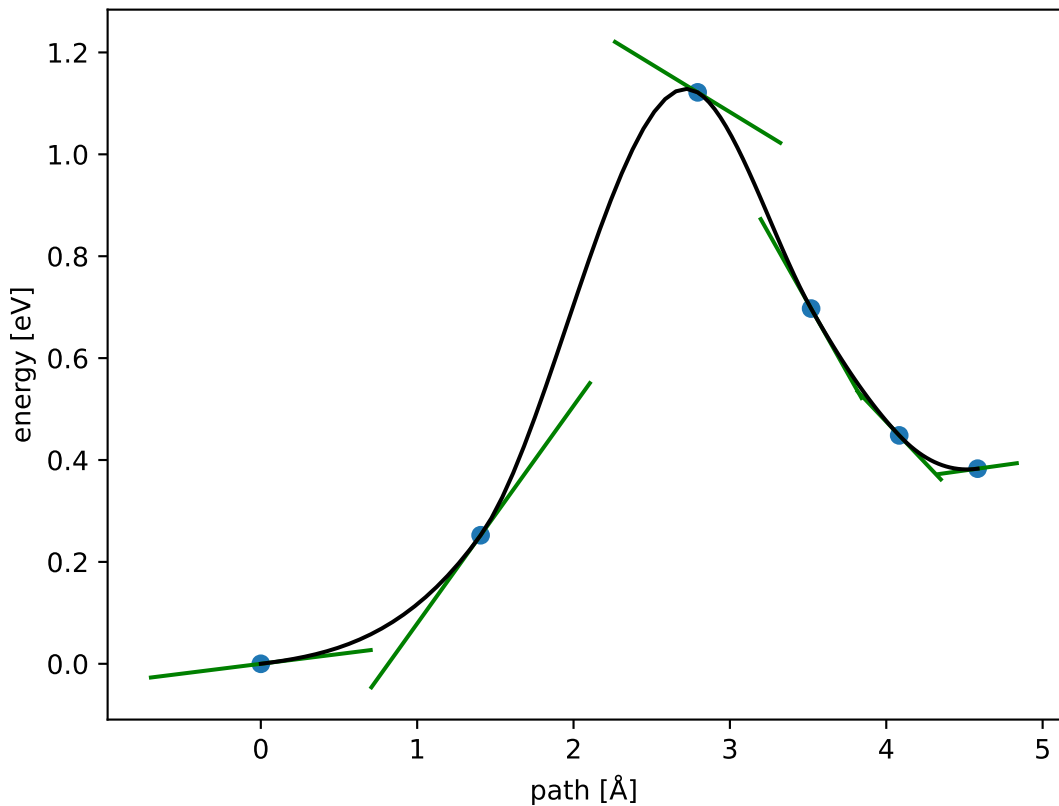
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



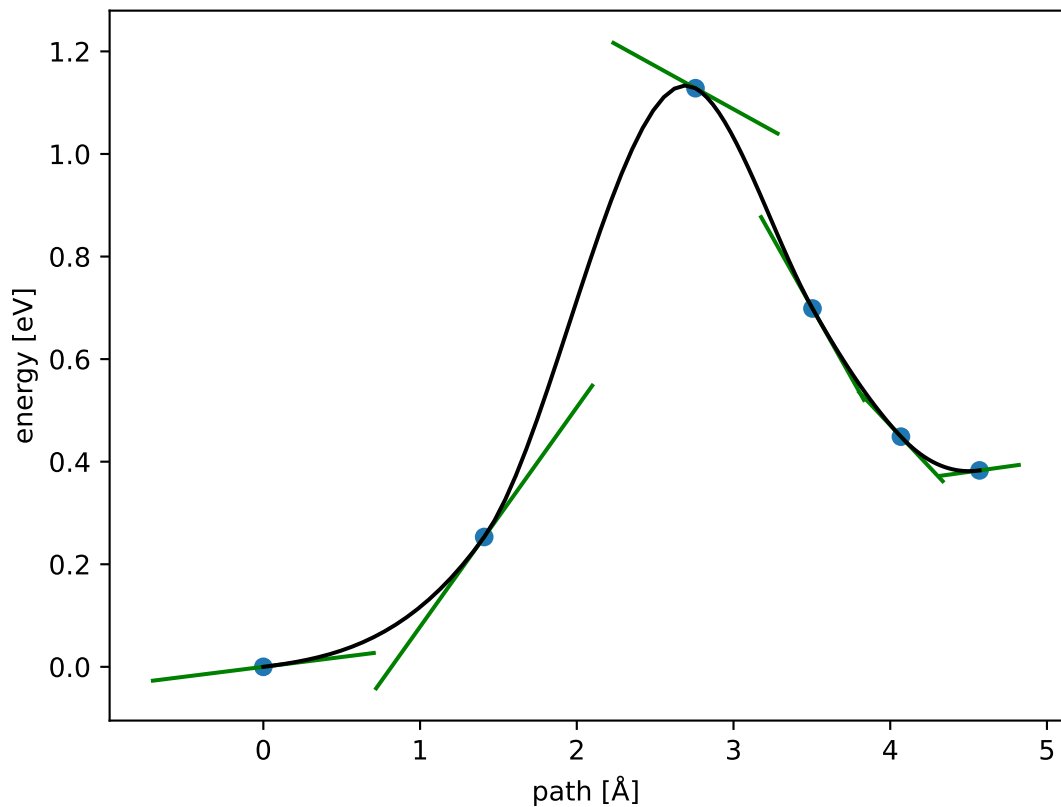
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



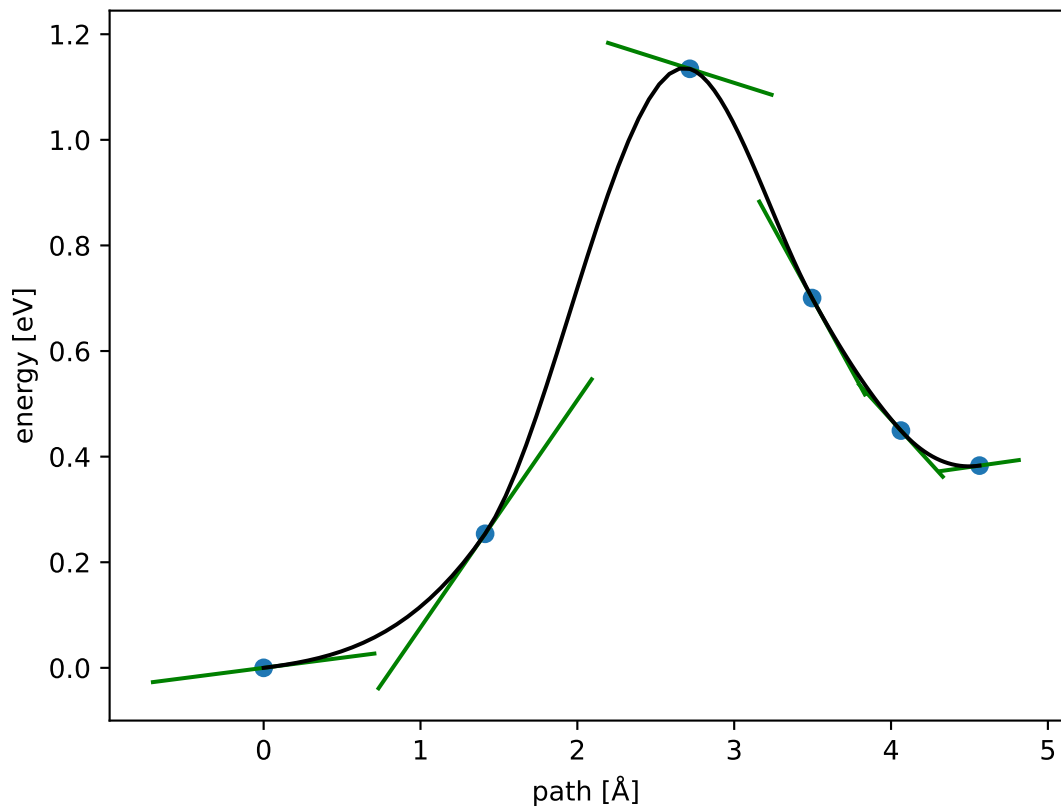
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



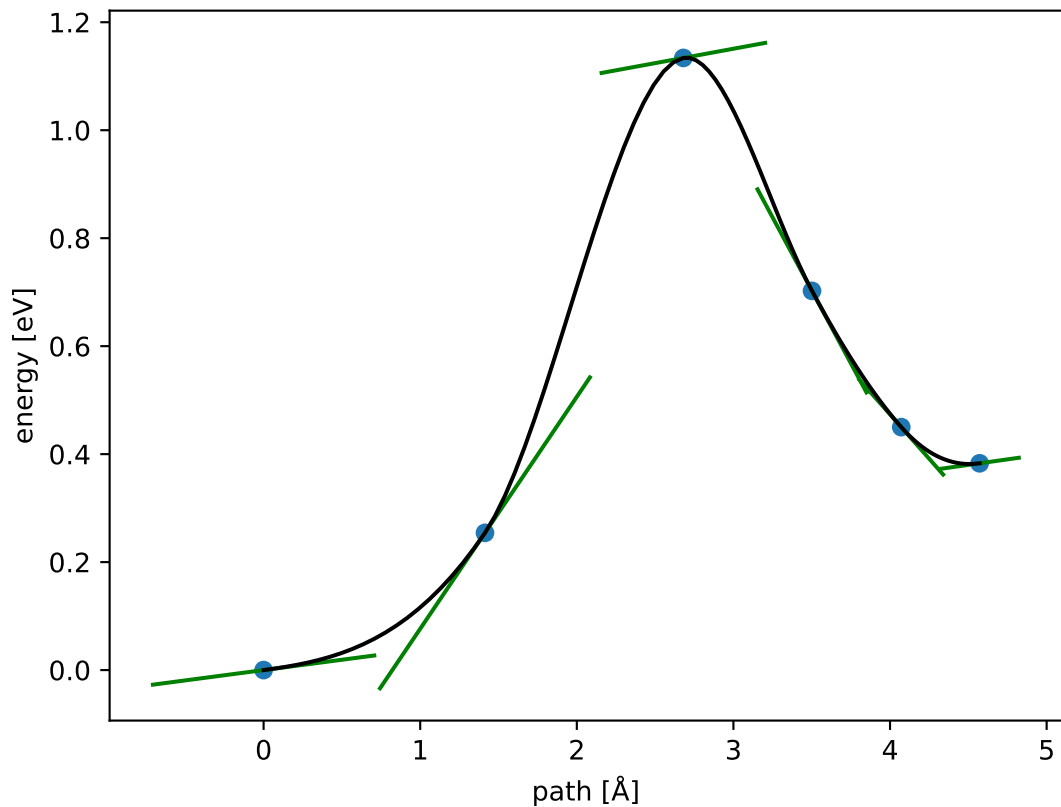
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



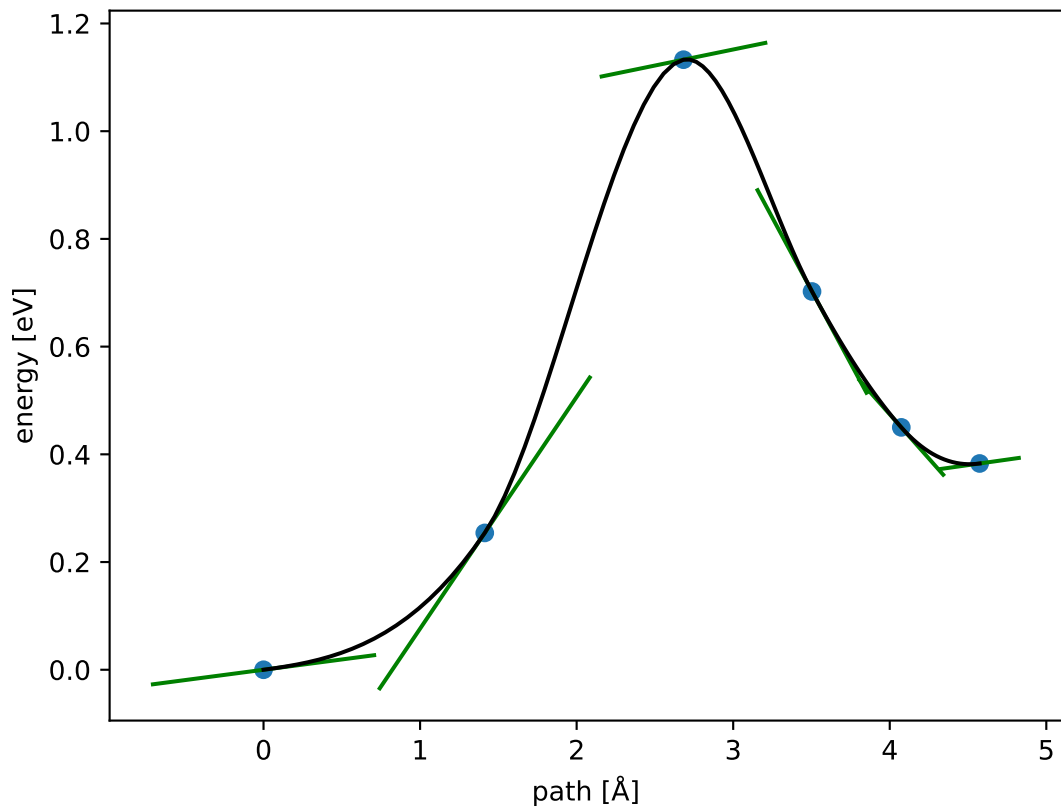
$$E_f \approx 1.135 \text{ eV}; E_r \approx 0.751 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



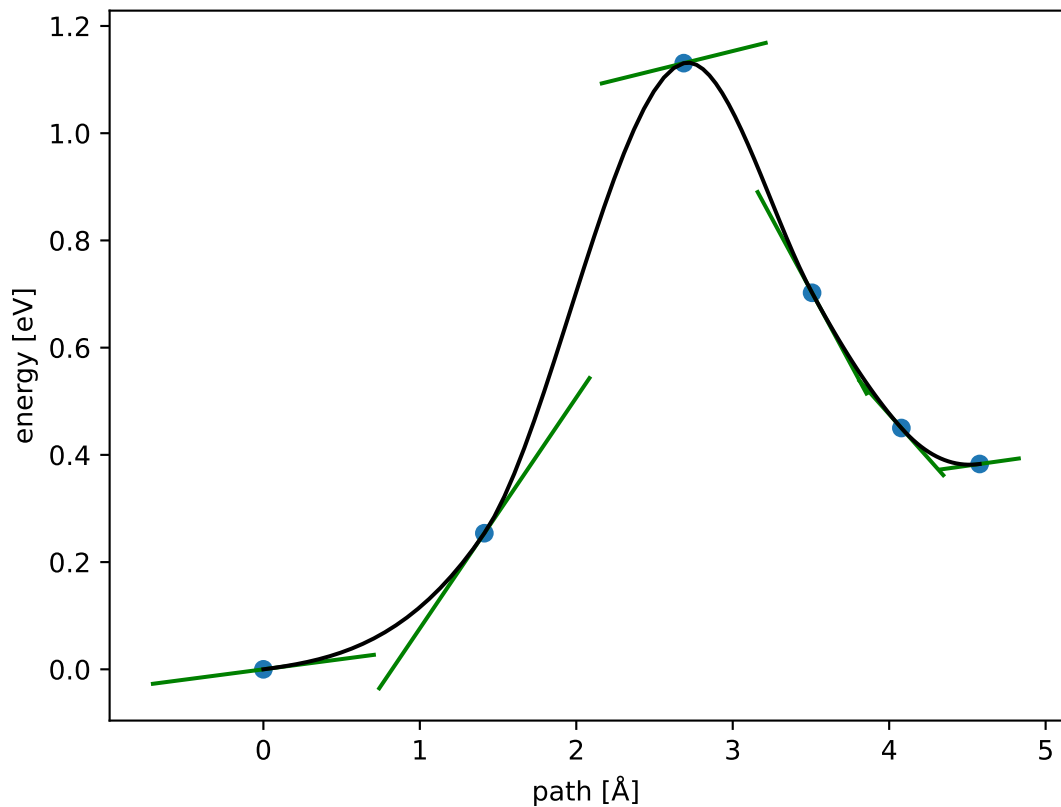
$$E_f \approx 1.134 \text{ eV}; E_r \approx 0.751 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



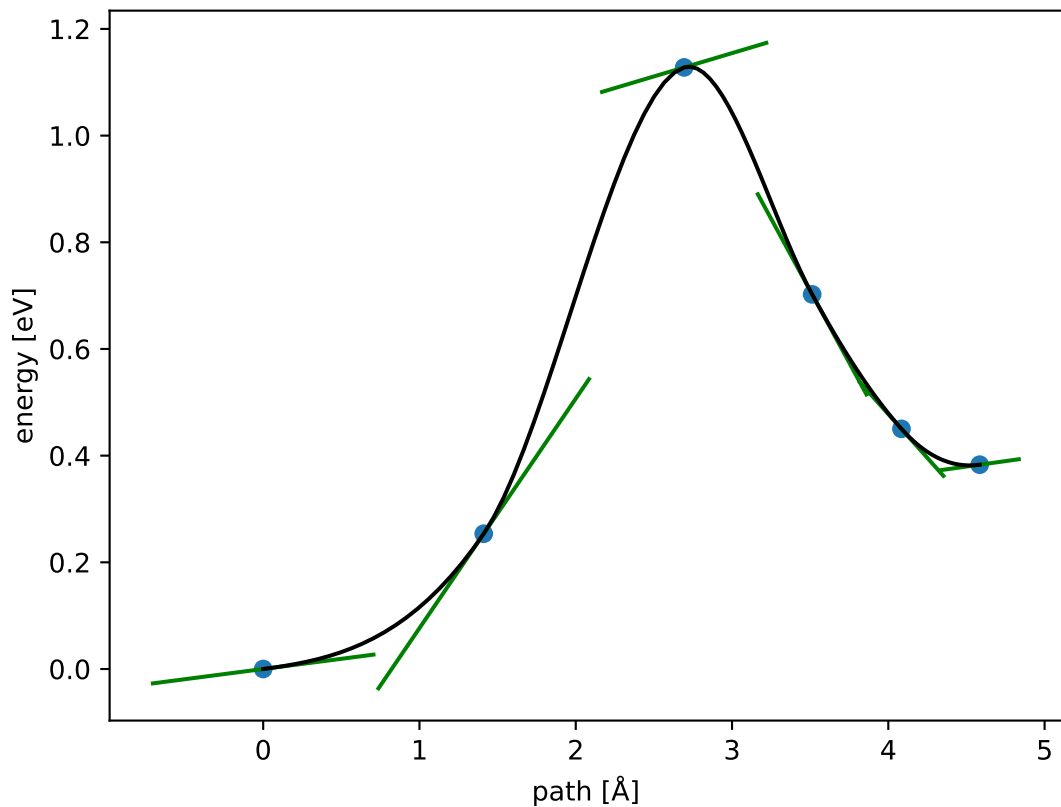
$$E_f \approx 1.133 \text{ eV}; E_r \approx 0.750 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



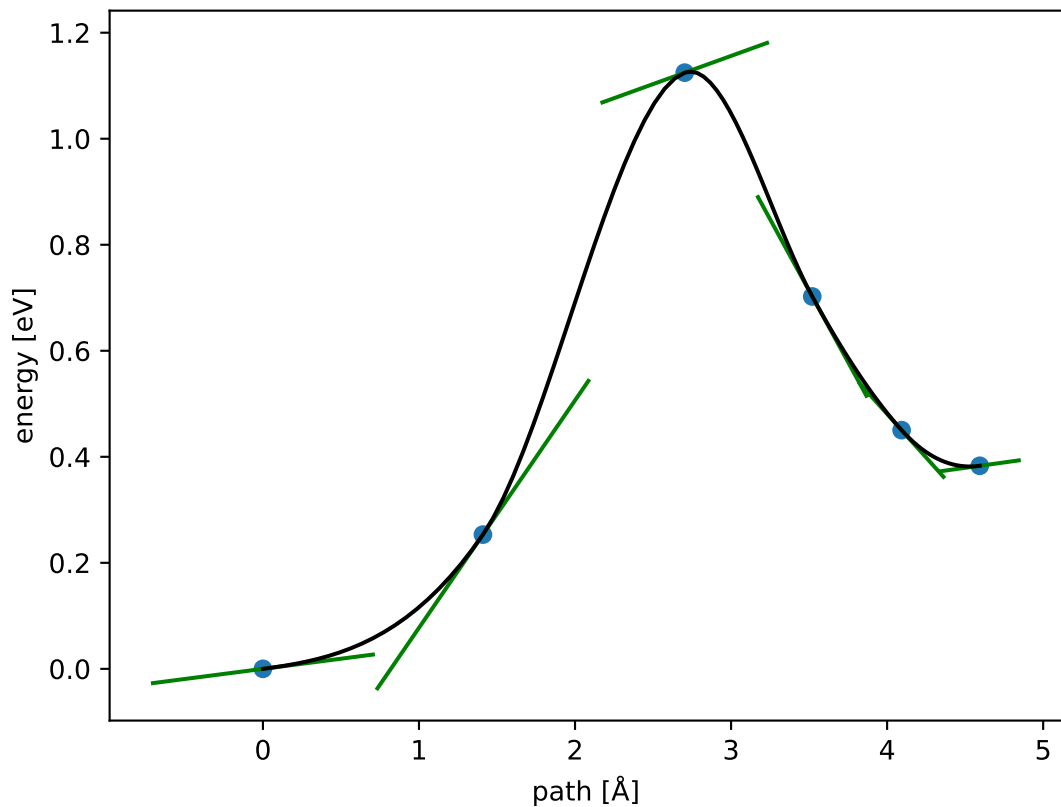
$$E_f \approx 1.131 \text{ eV}; E_r \approx 0.748 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



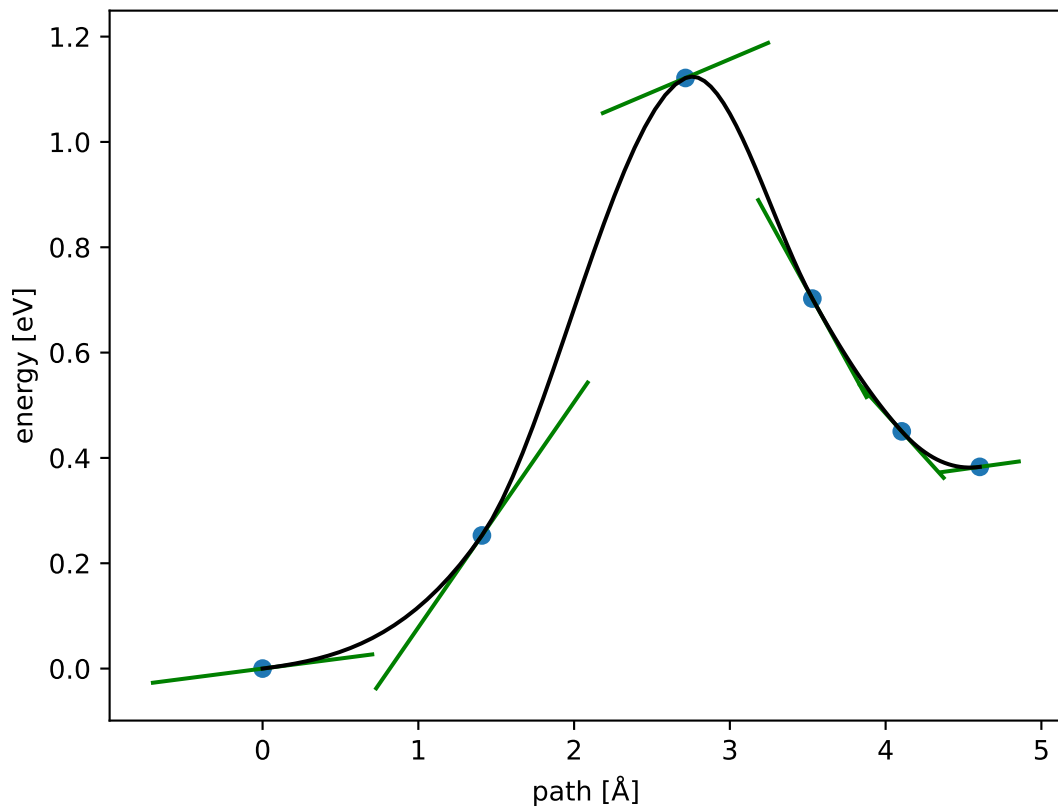
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



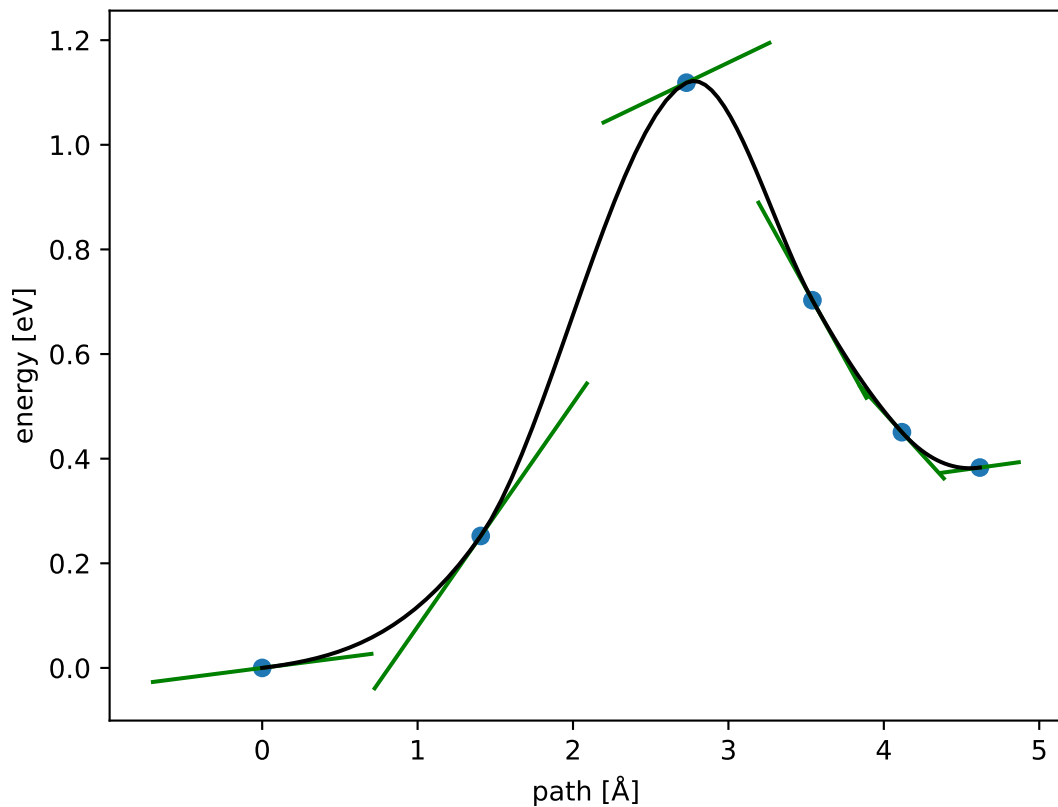
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



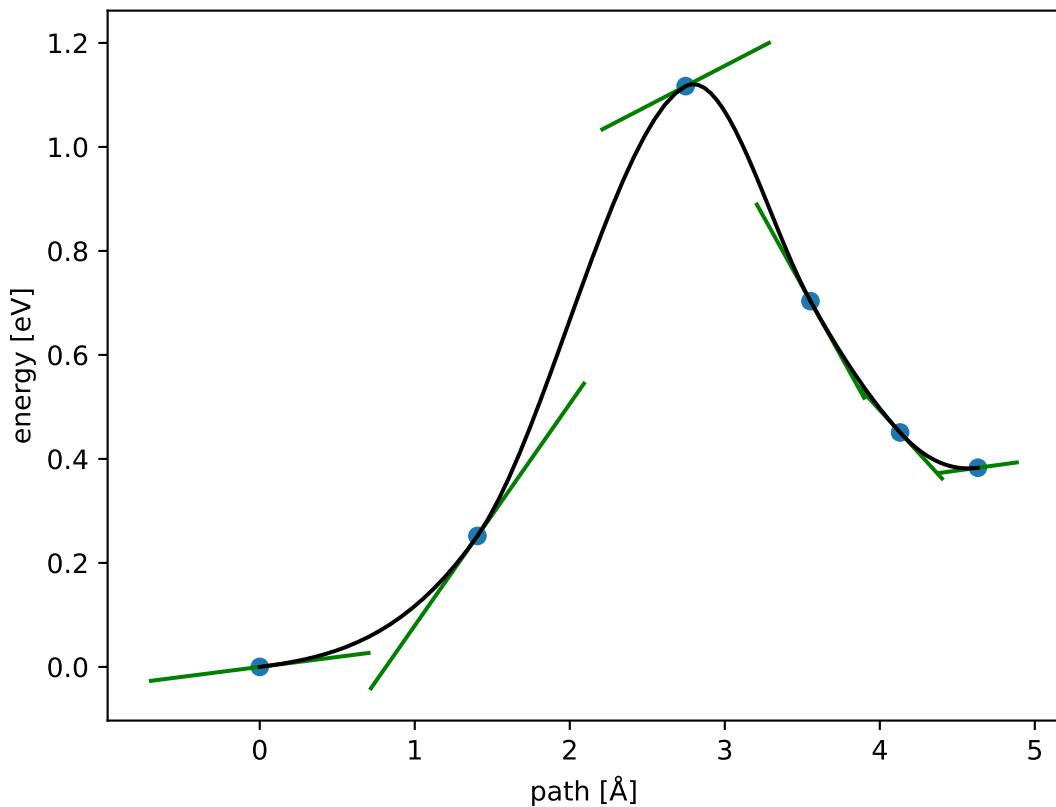
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



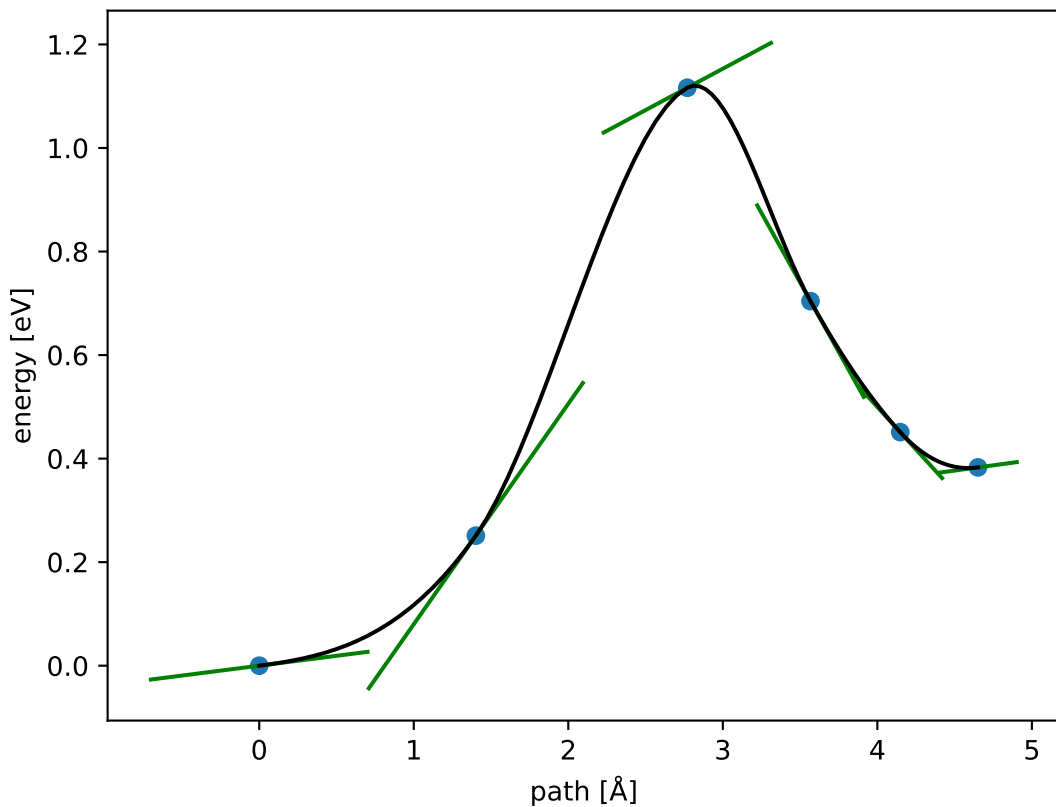
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



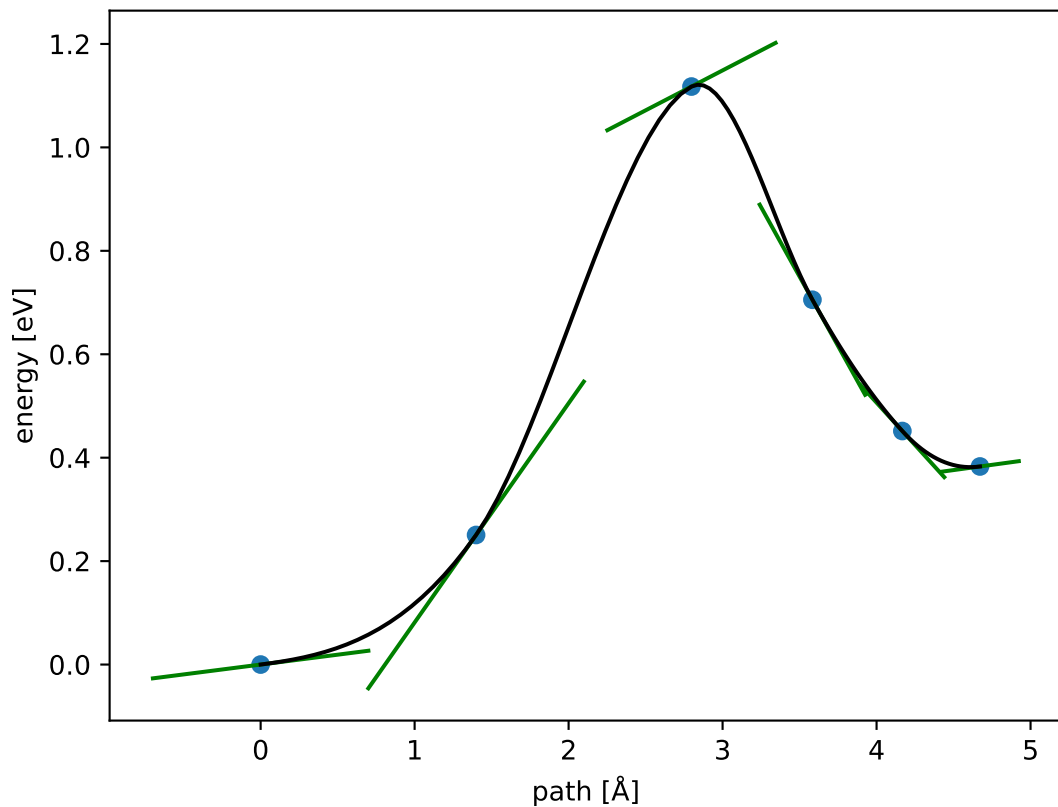
$$E_f \approx 1.117 \text{ eV}; E_r \approx 0.734 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



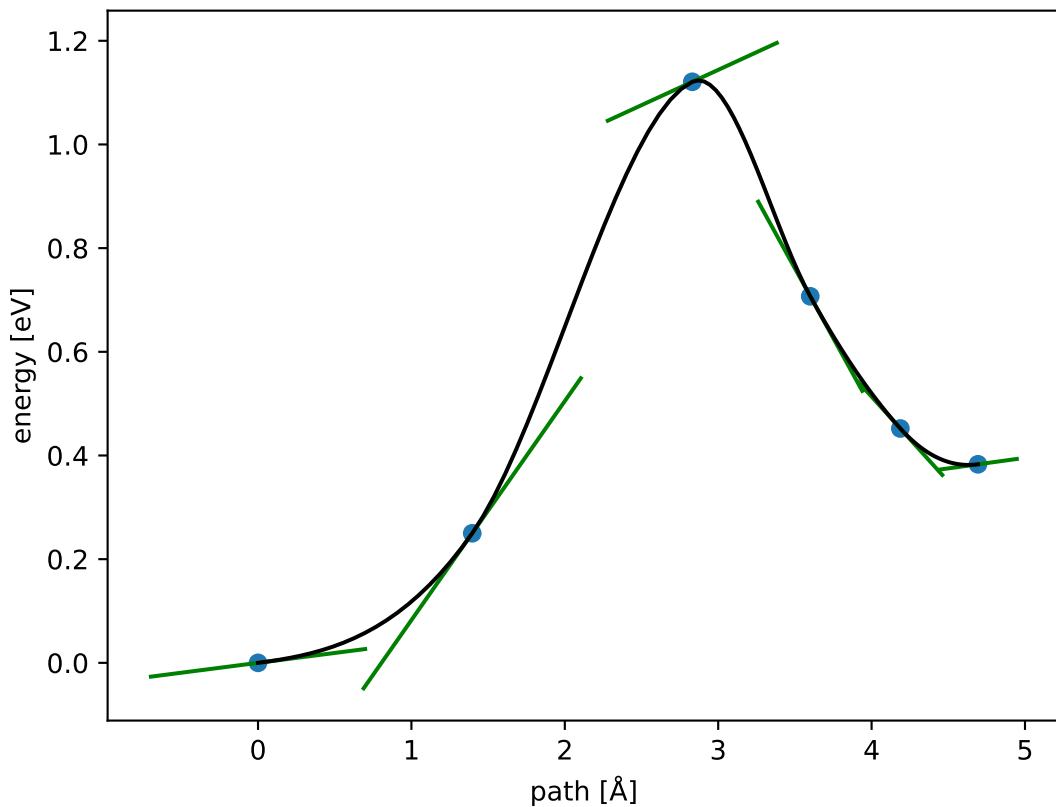
$$E_f \approx 1.116 \text{ eV}; E_r \approx 0.733 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



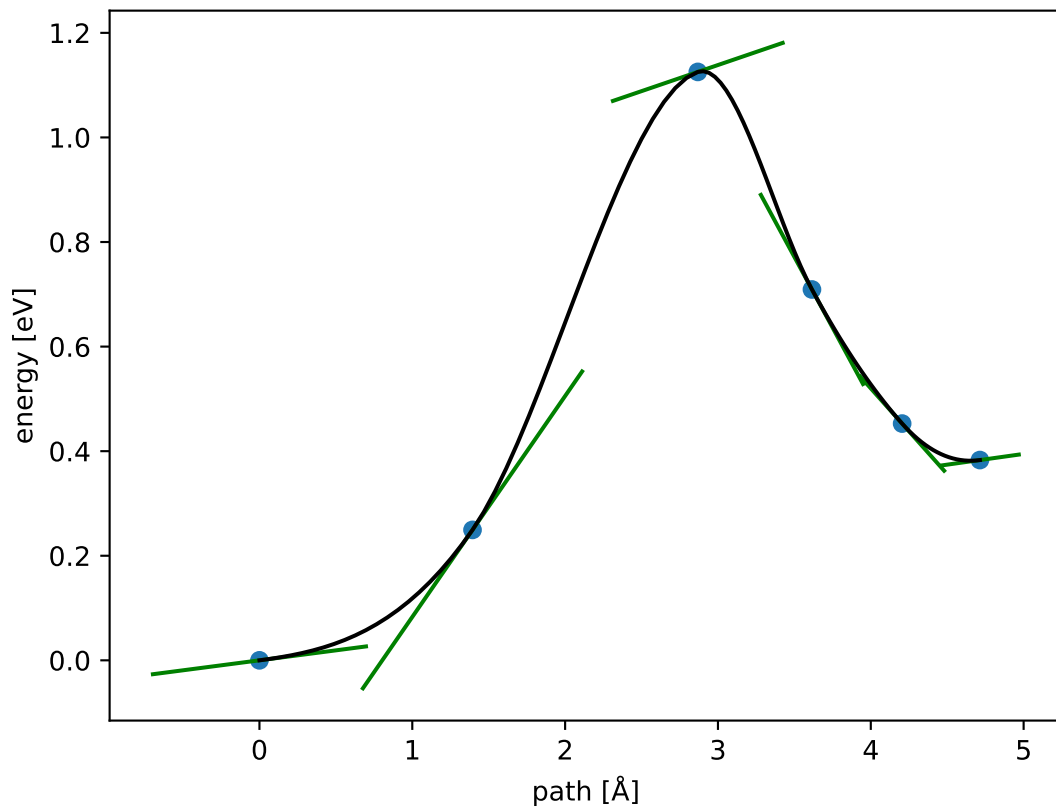
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



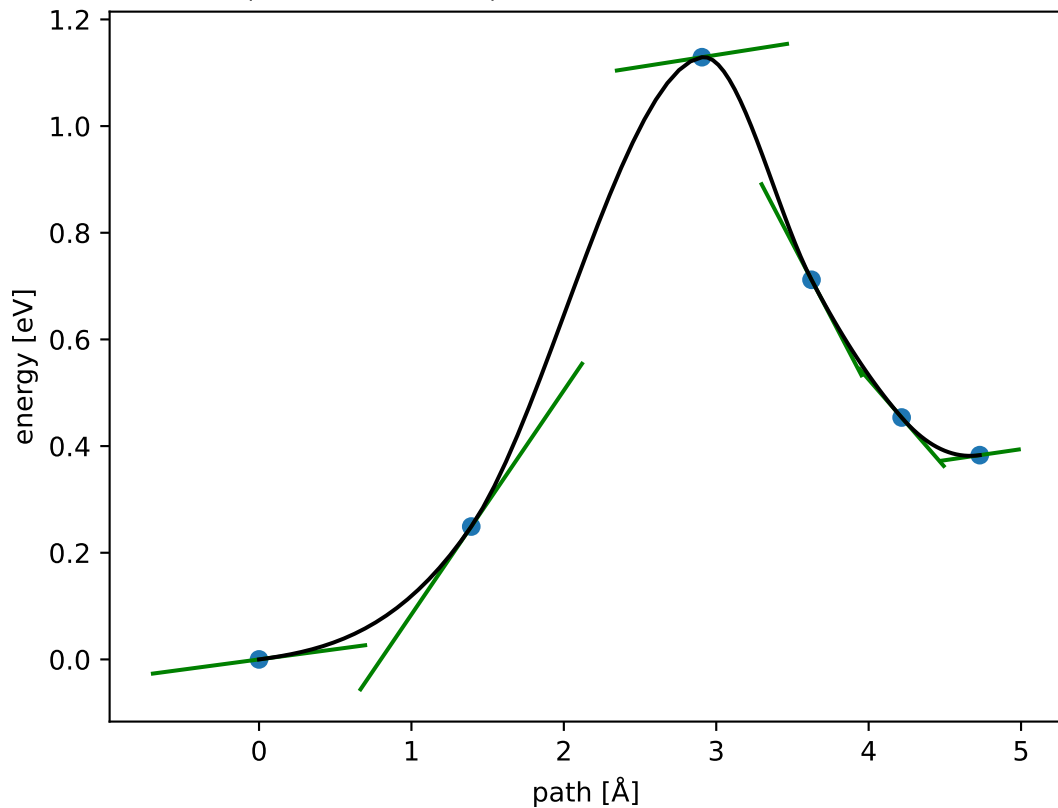
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



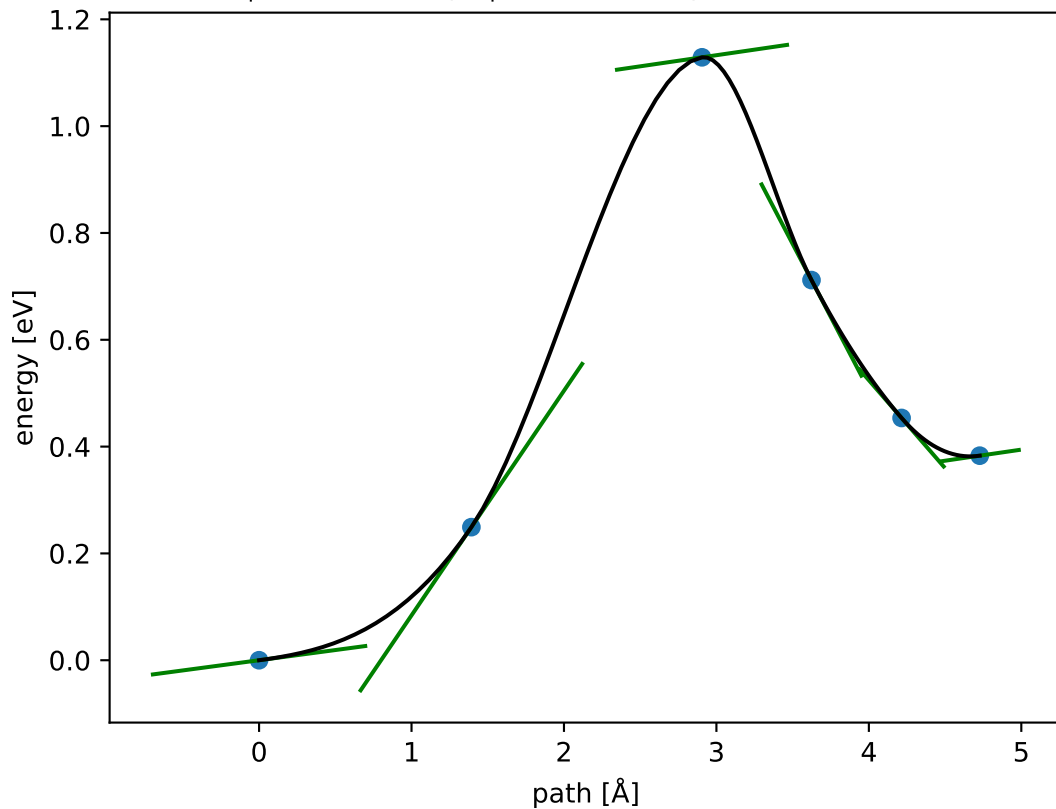
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



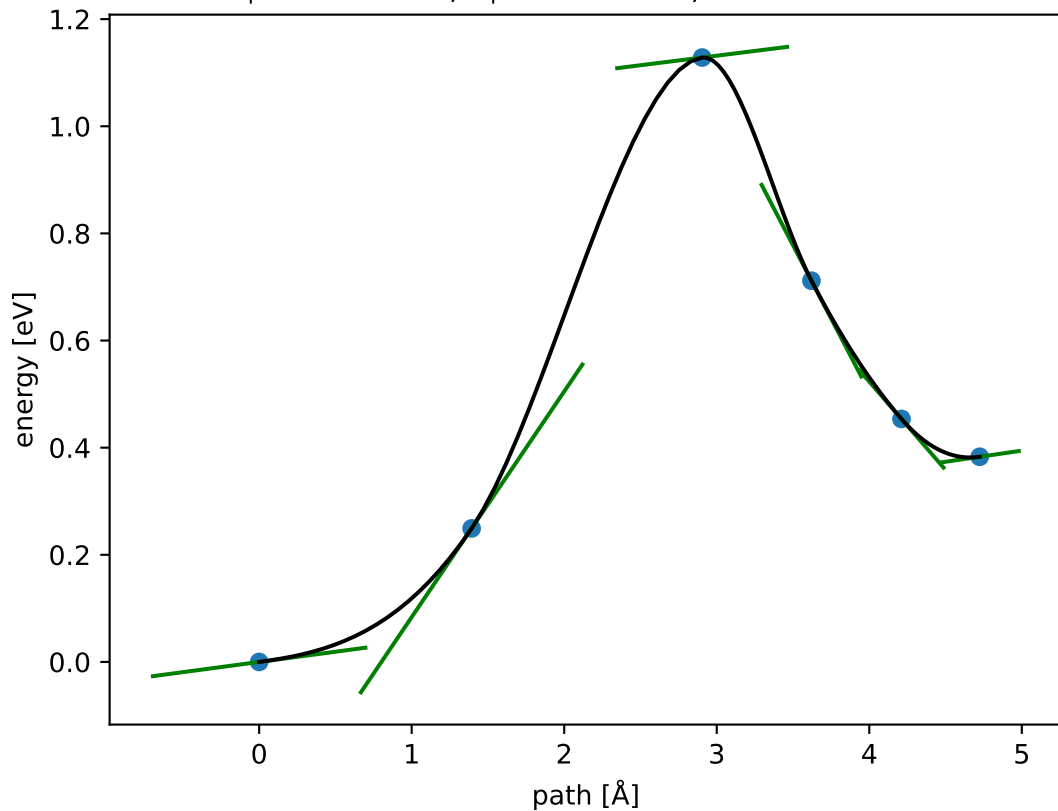
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



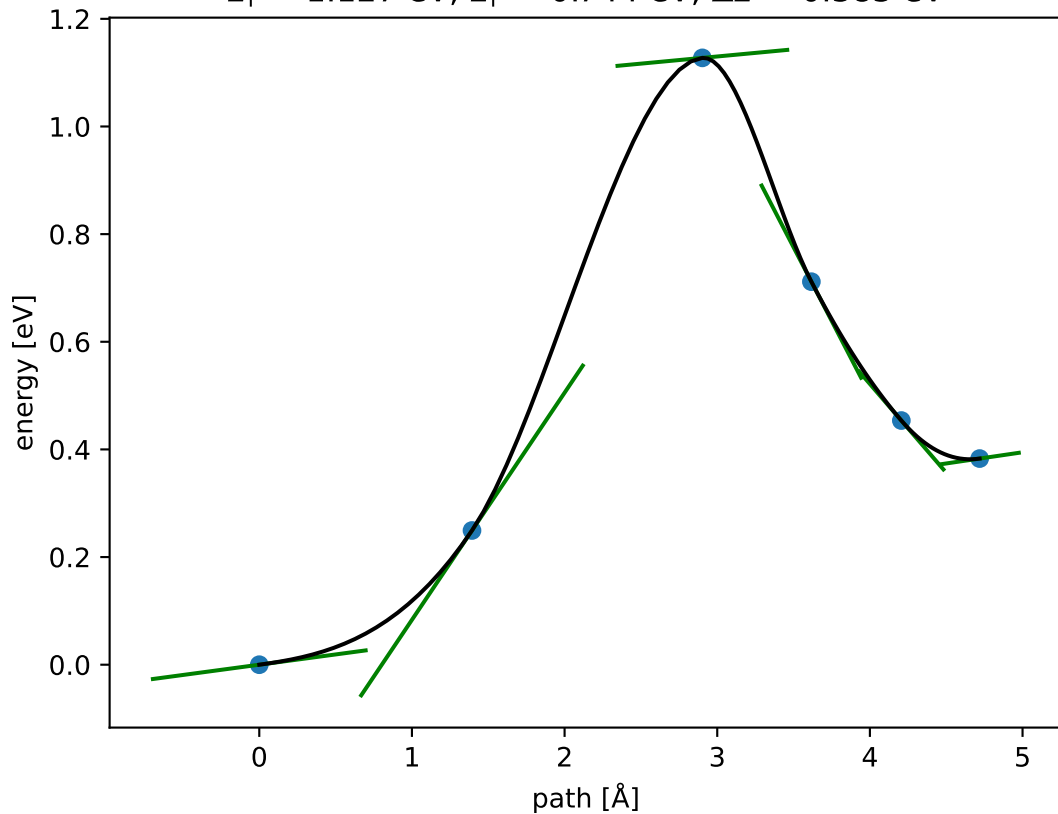
$$E_f \approx 1.129 \text{ eV}; E_r \approx 0.746 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



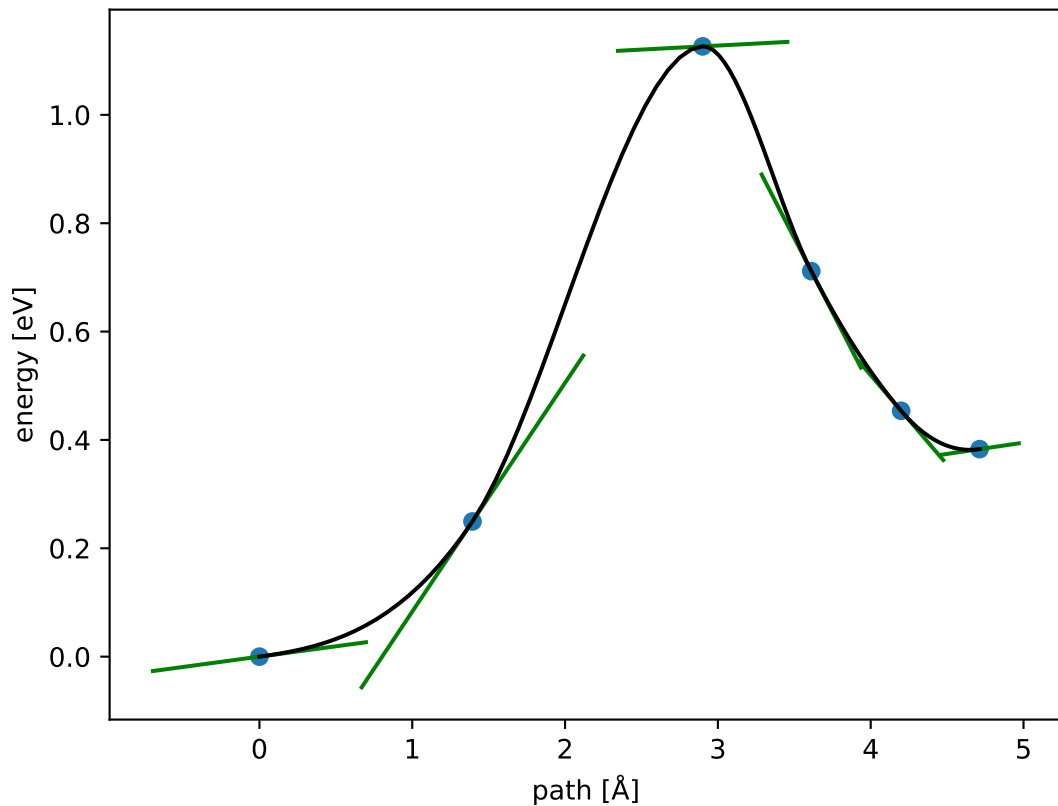
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



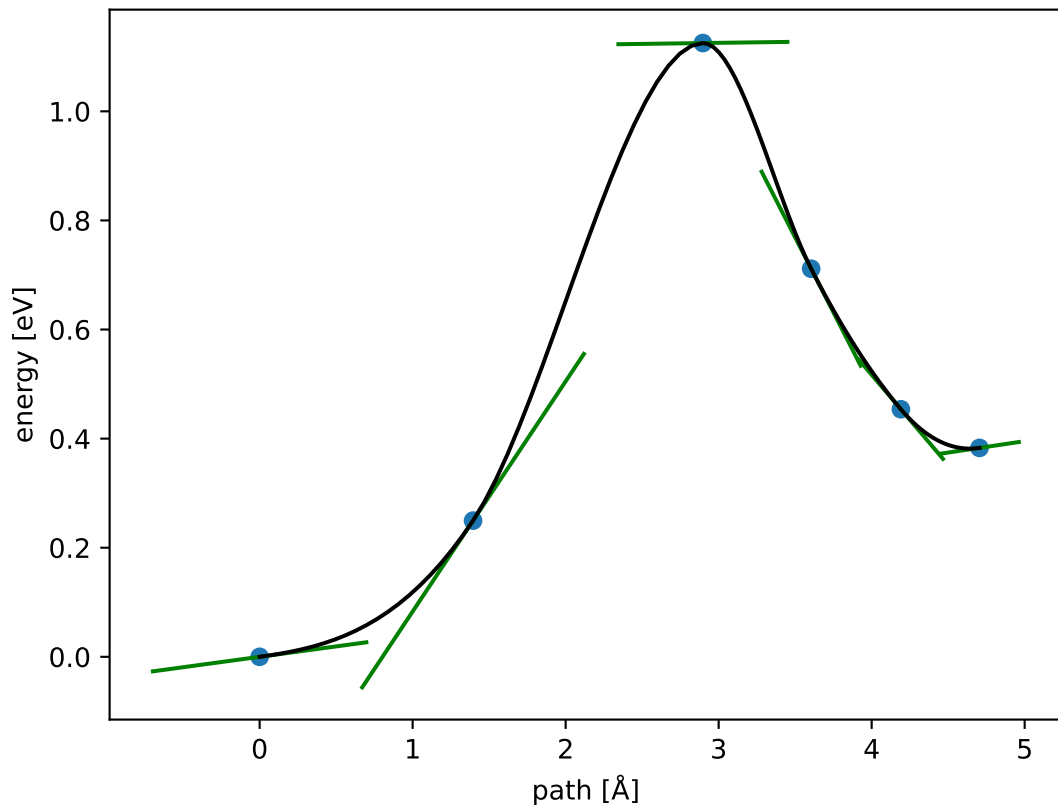
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.744 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



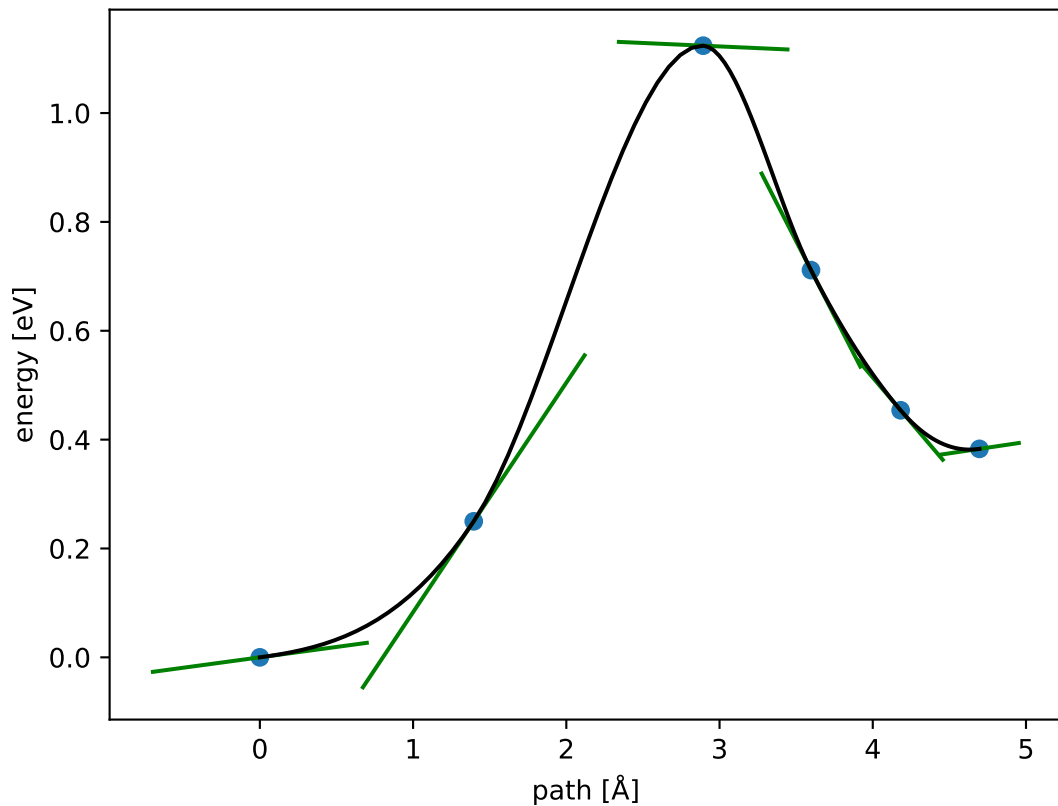
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



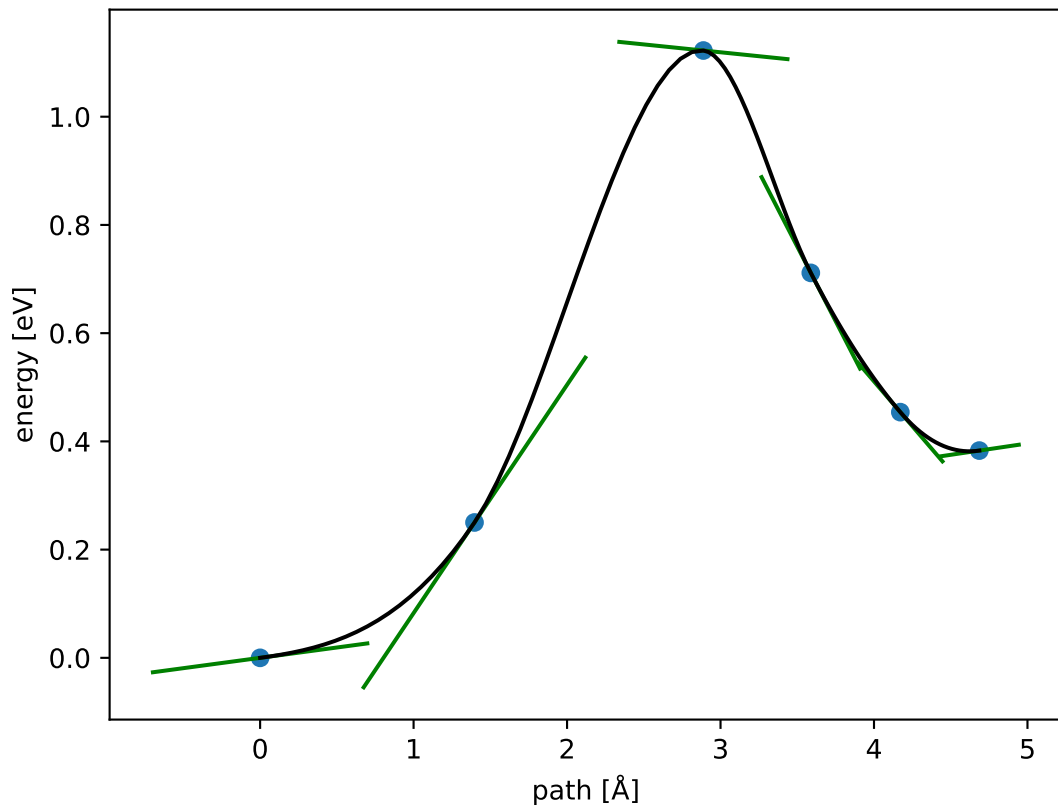
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



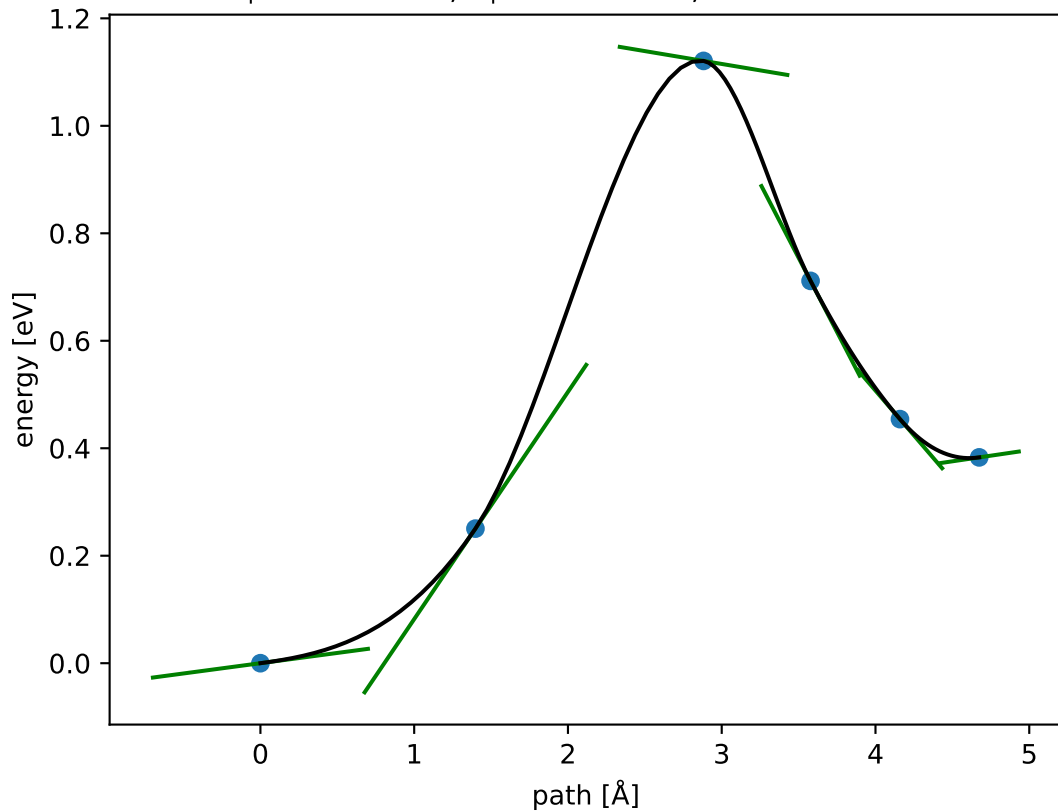
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



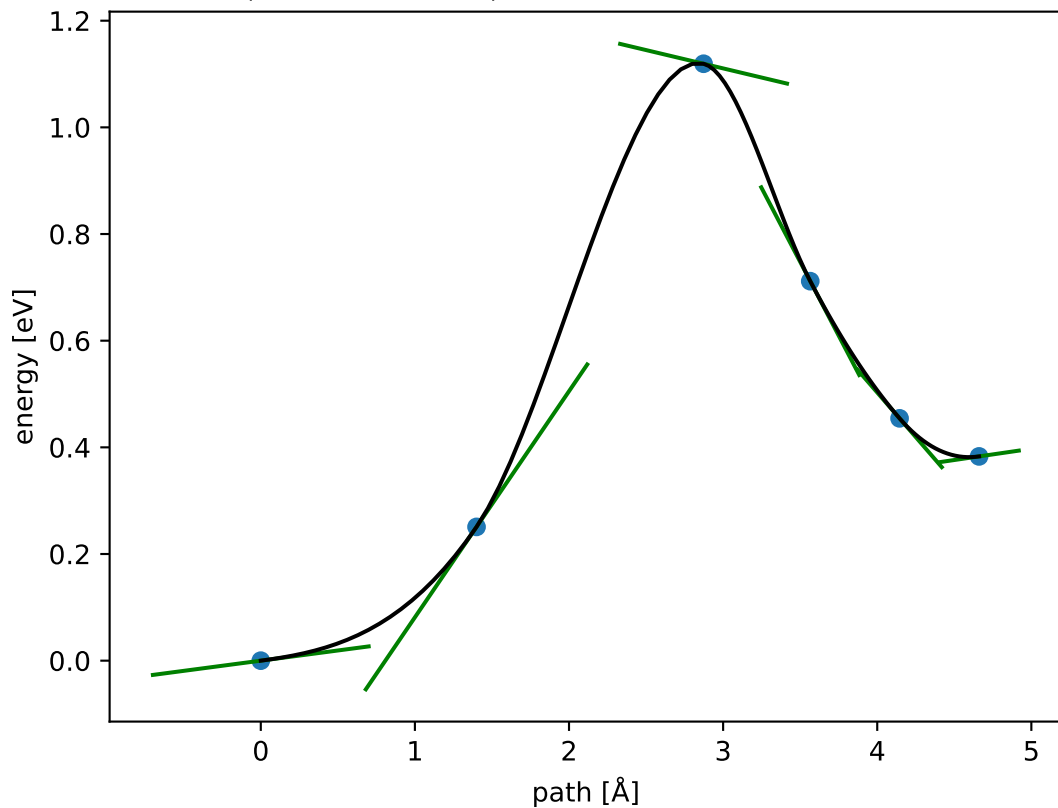
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



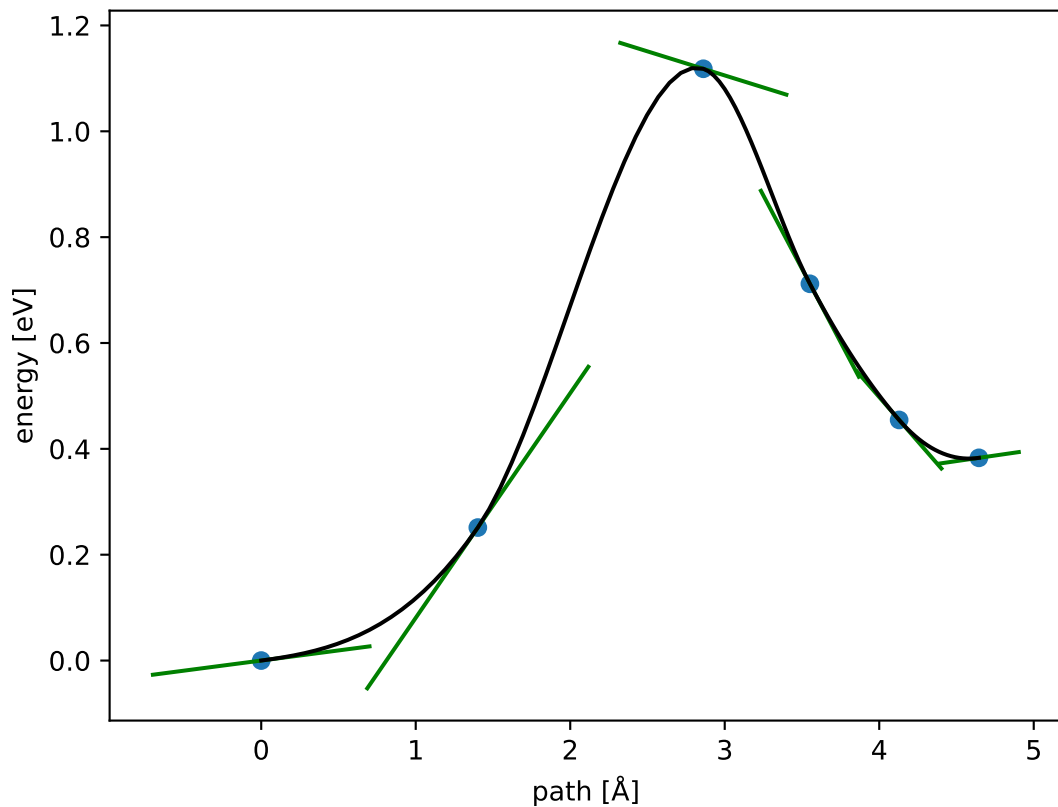
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



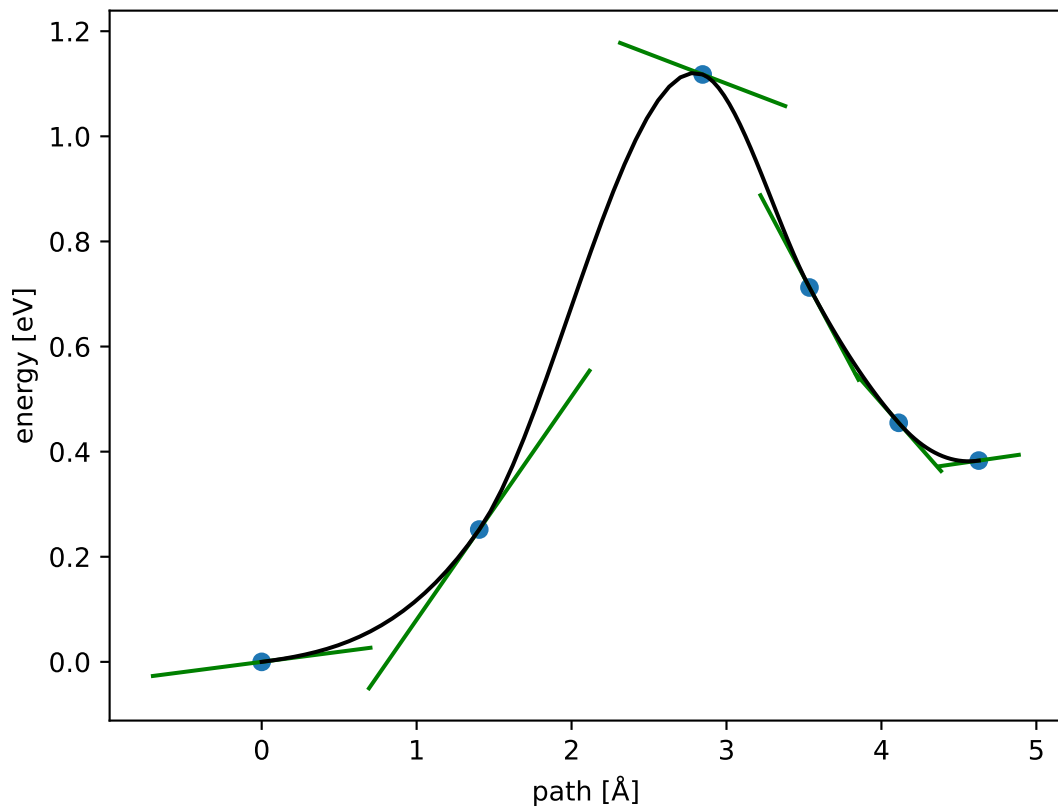
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



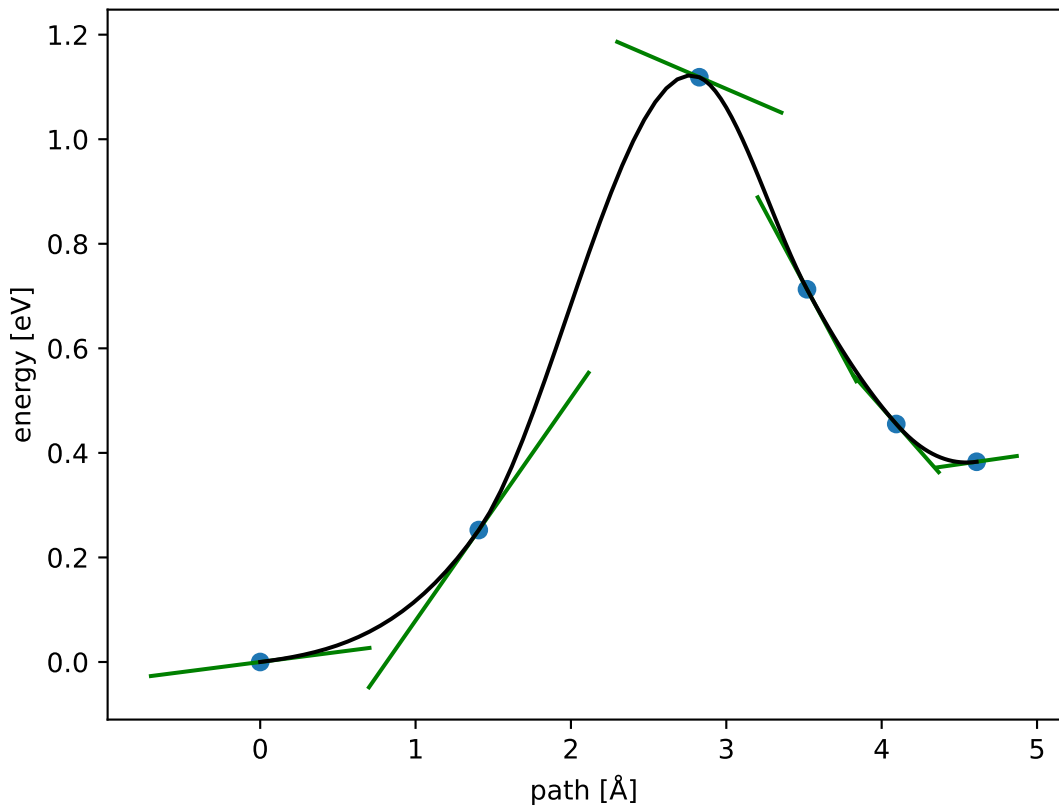
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



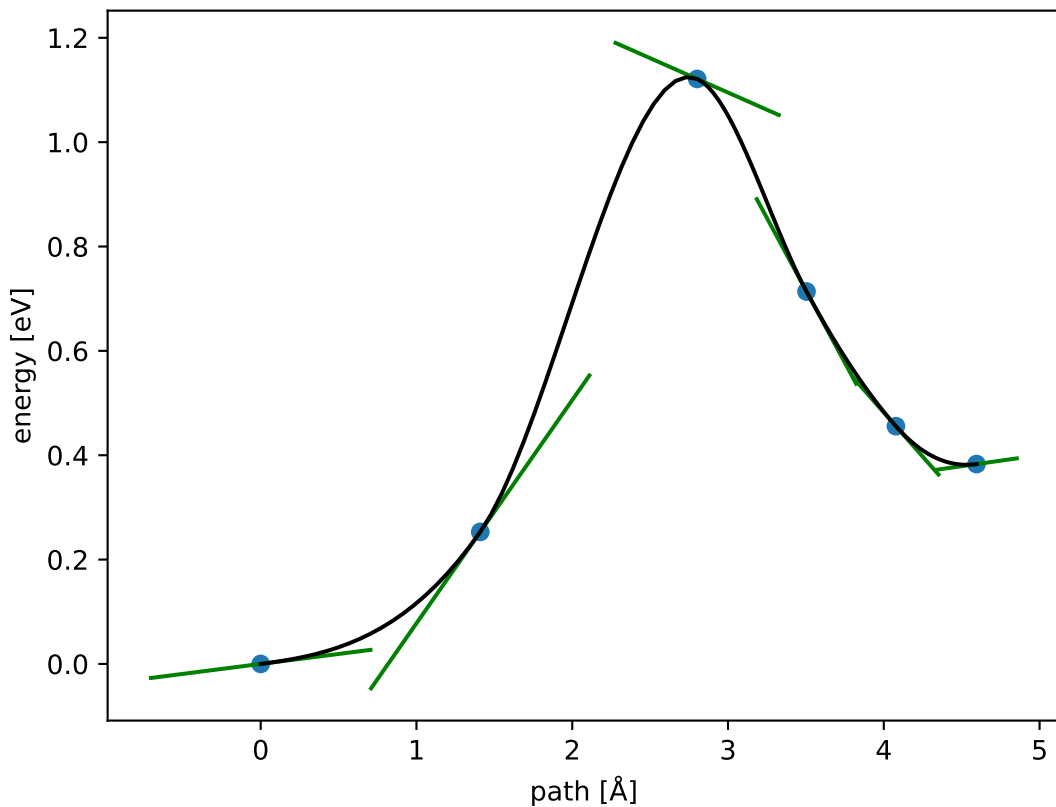
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



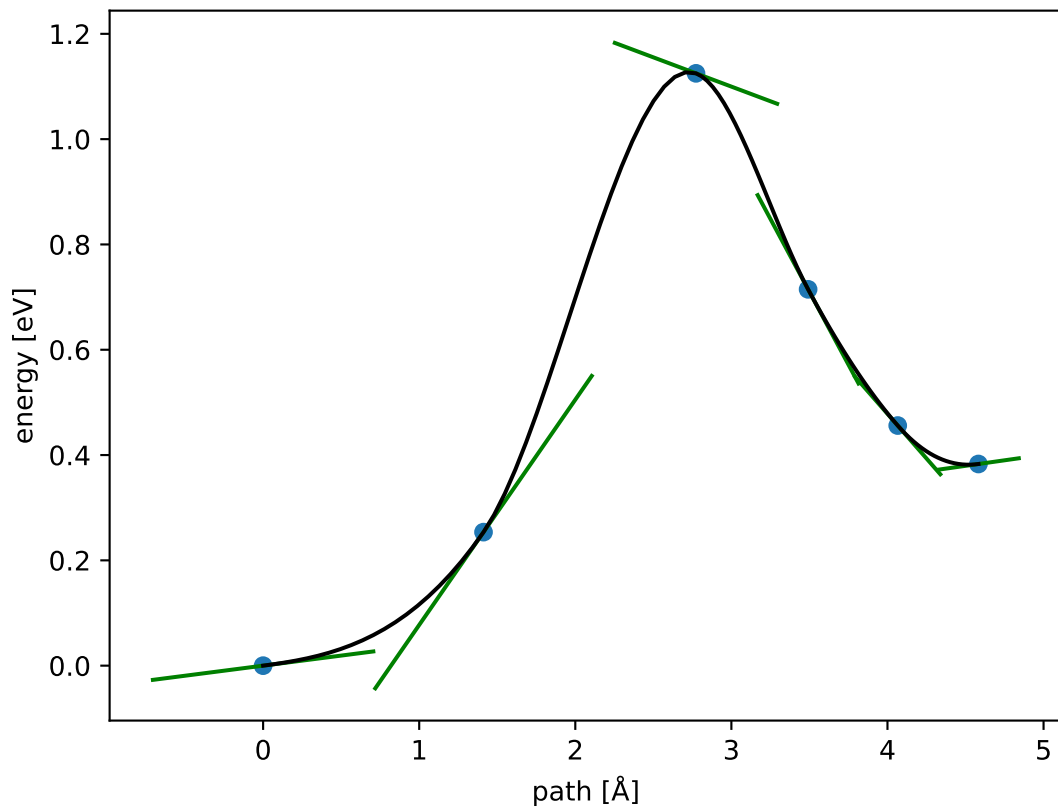
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



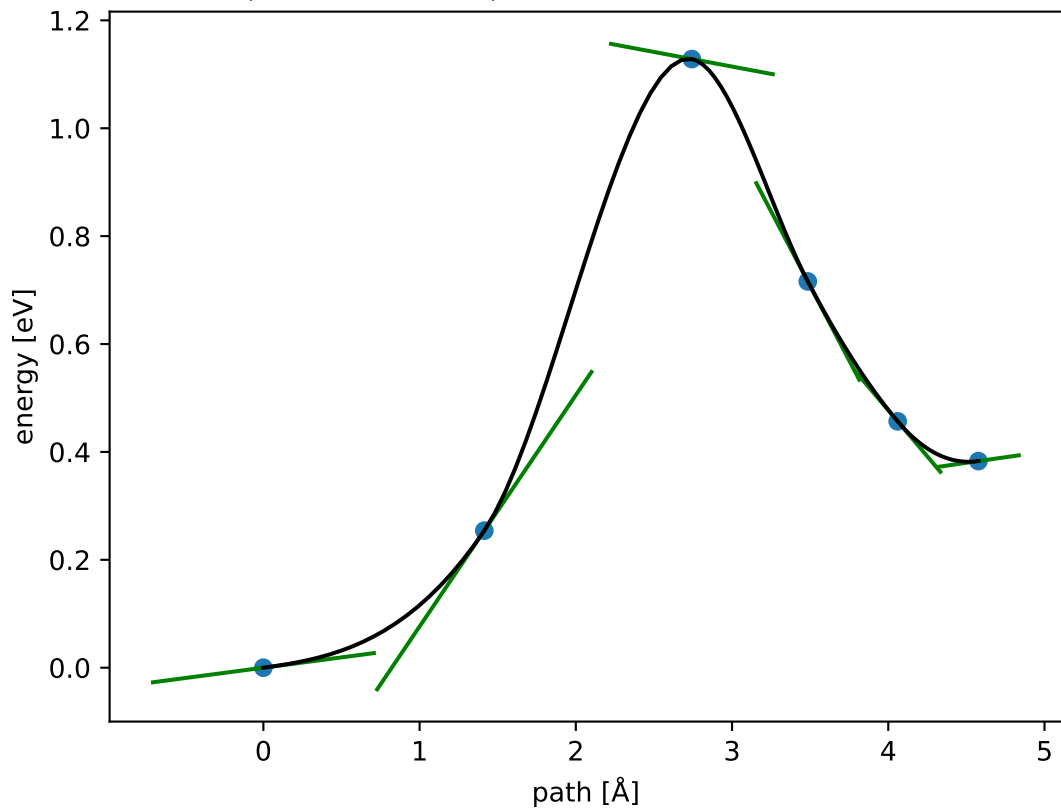
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



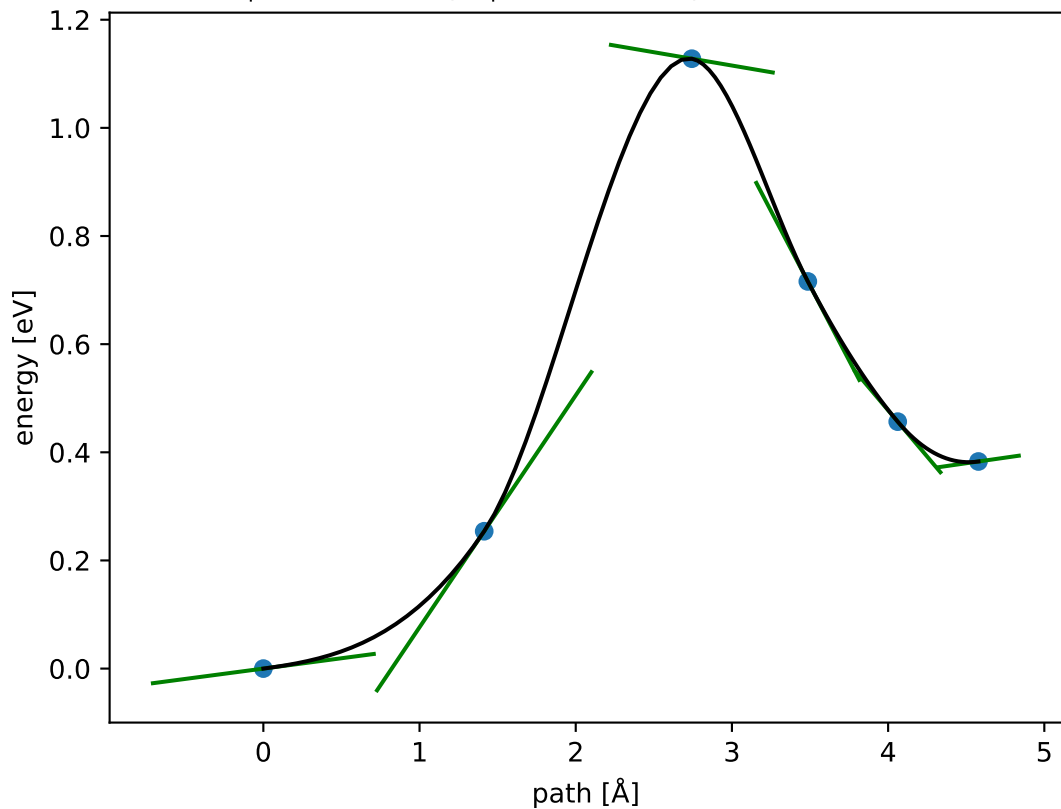
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



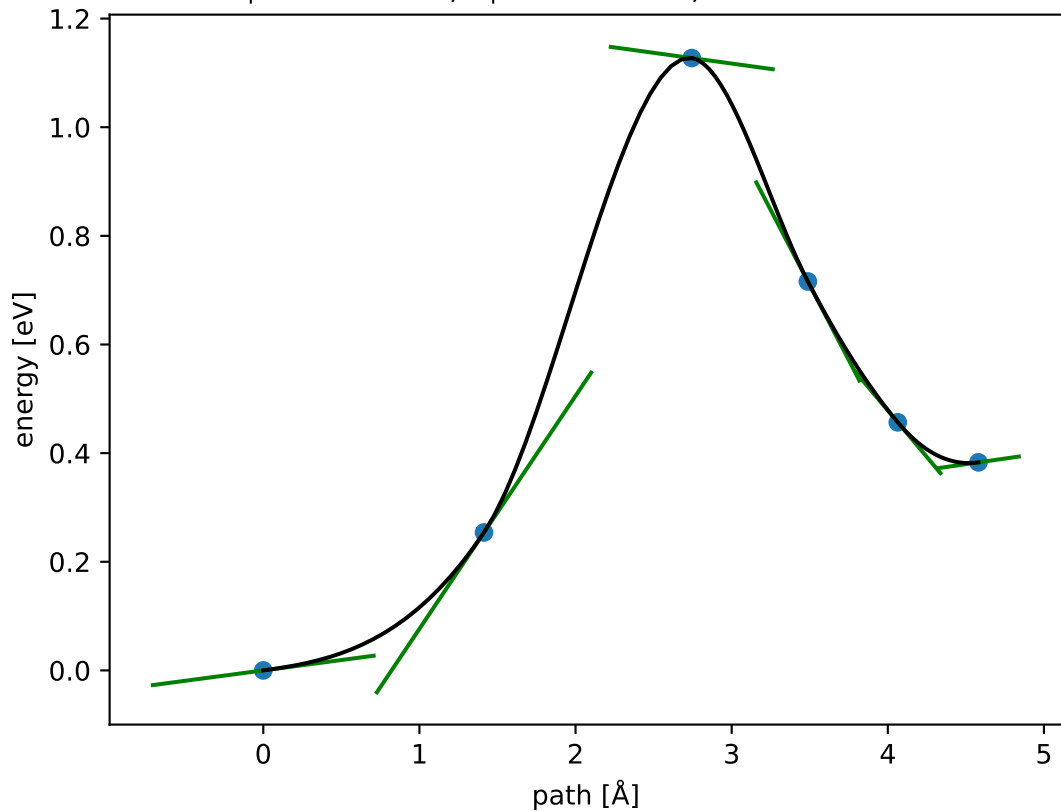
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



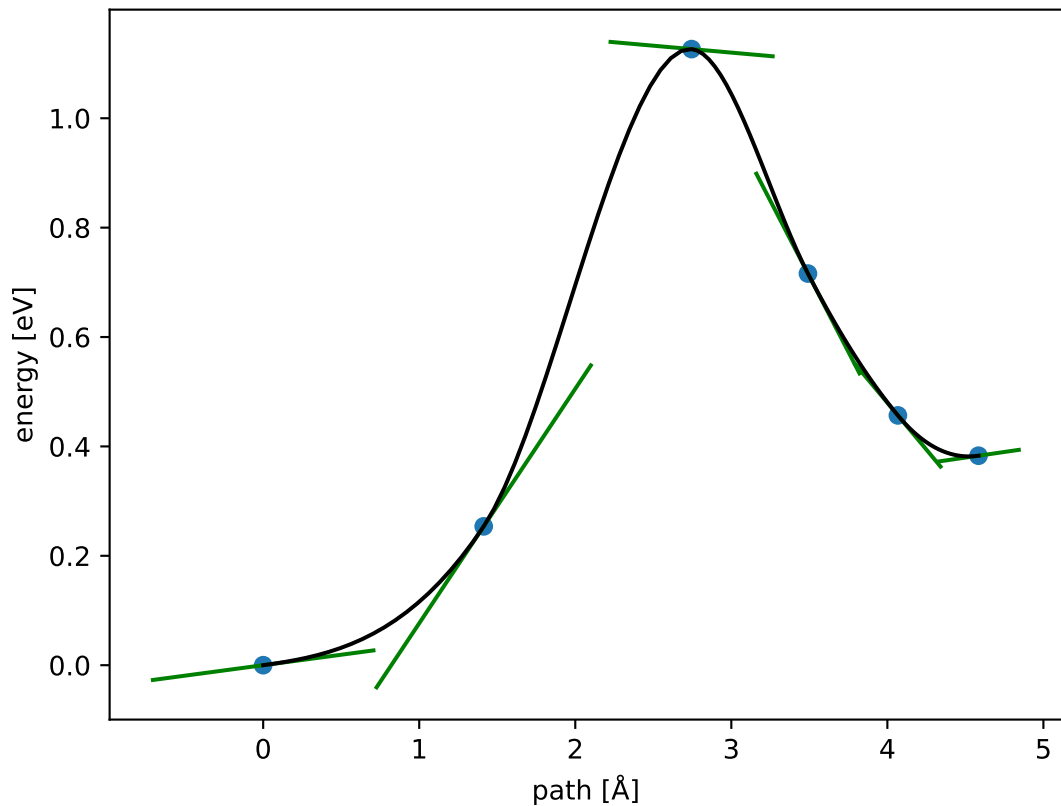
$$E_f \approx 1.128 \text{ eV}; E_r \approx 0.745 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



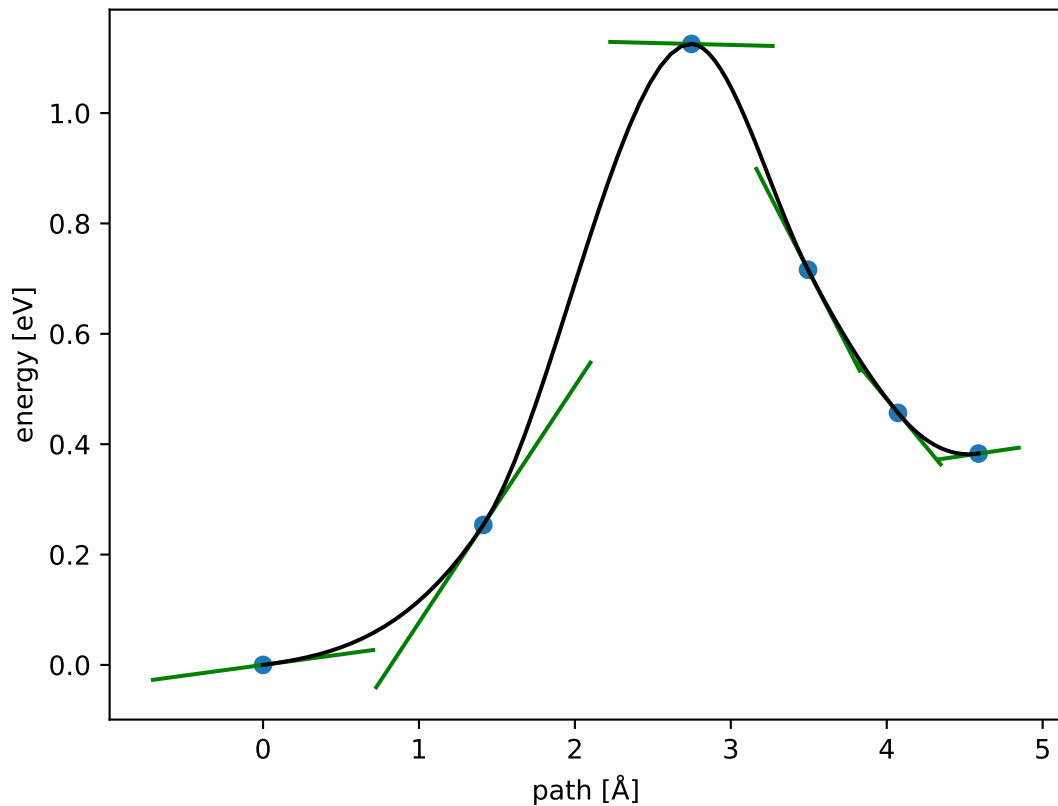
$$E_f \approx 1.127 \text{ eV}; E_r \approx 0.744 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



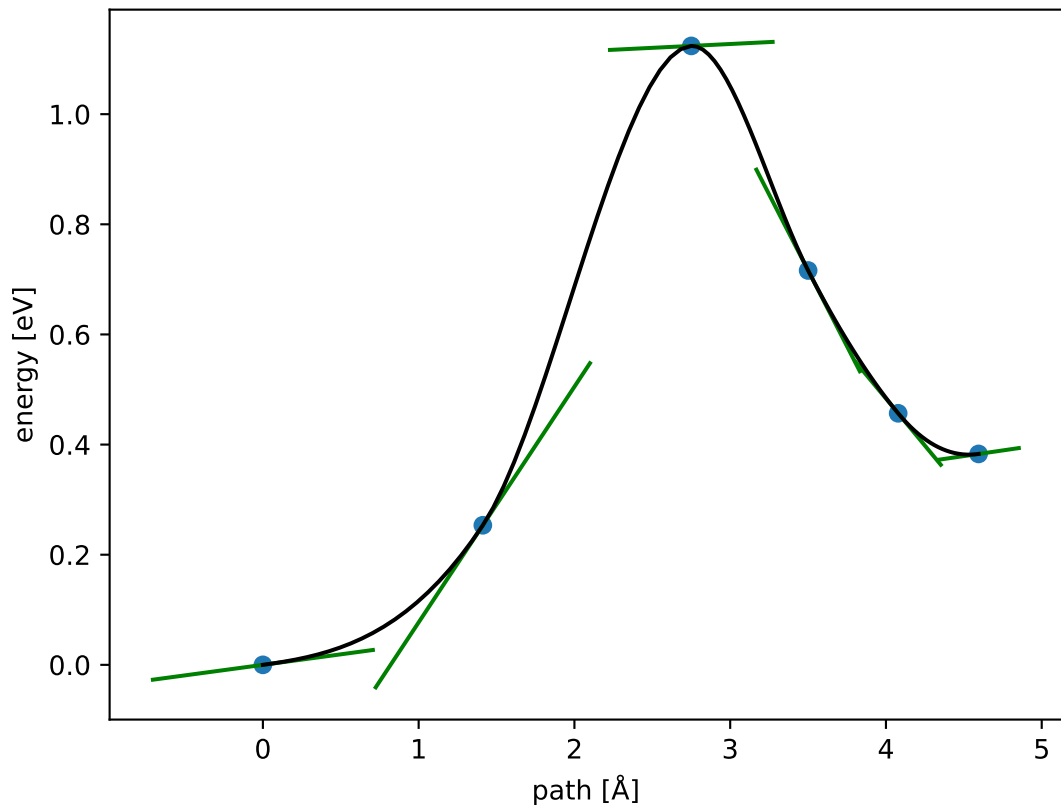
$$E_f \approx 1.126 \text{ eV}; E_r \approx 0.743 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



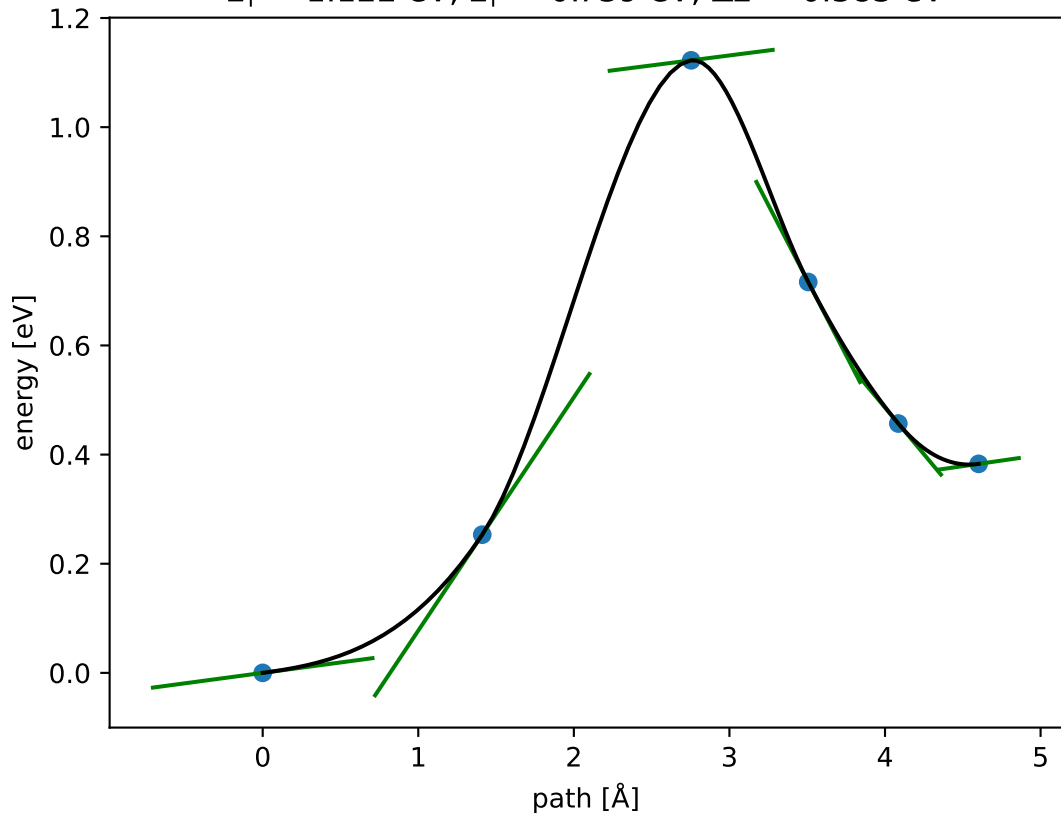
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



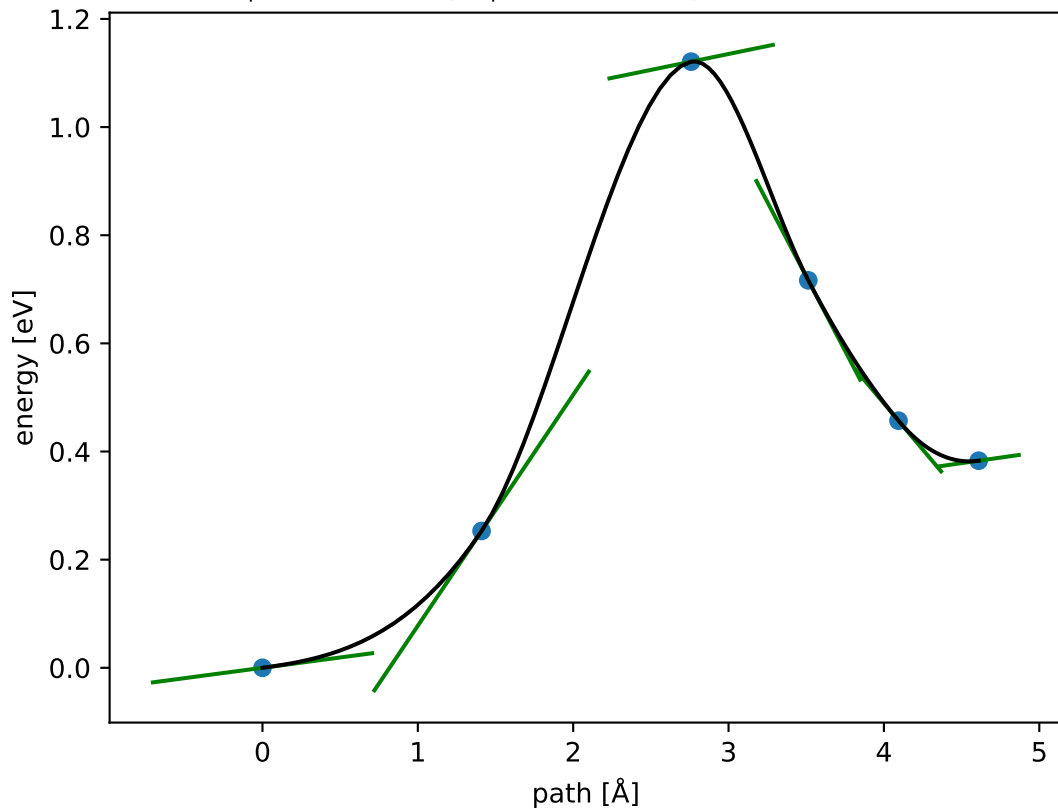
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



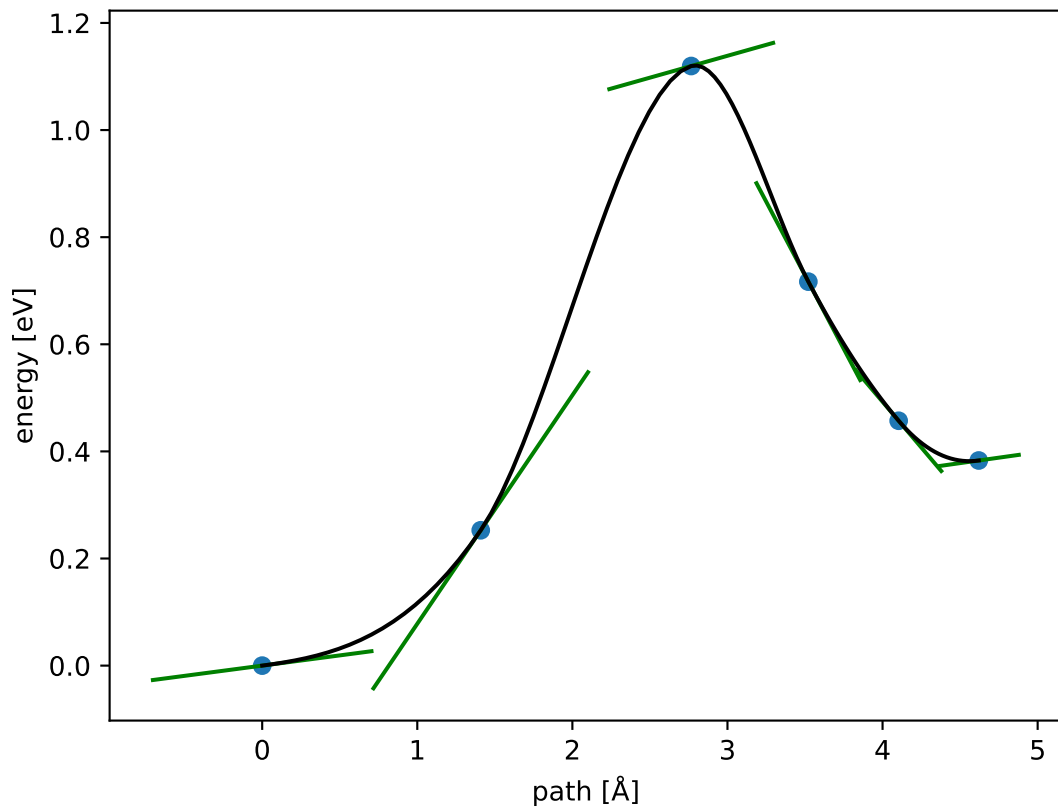
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



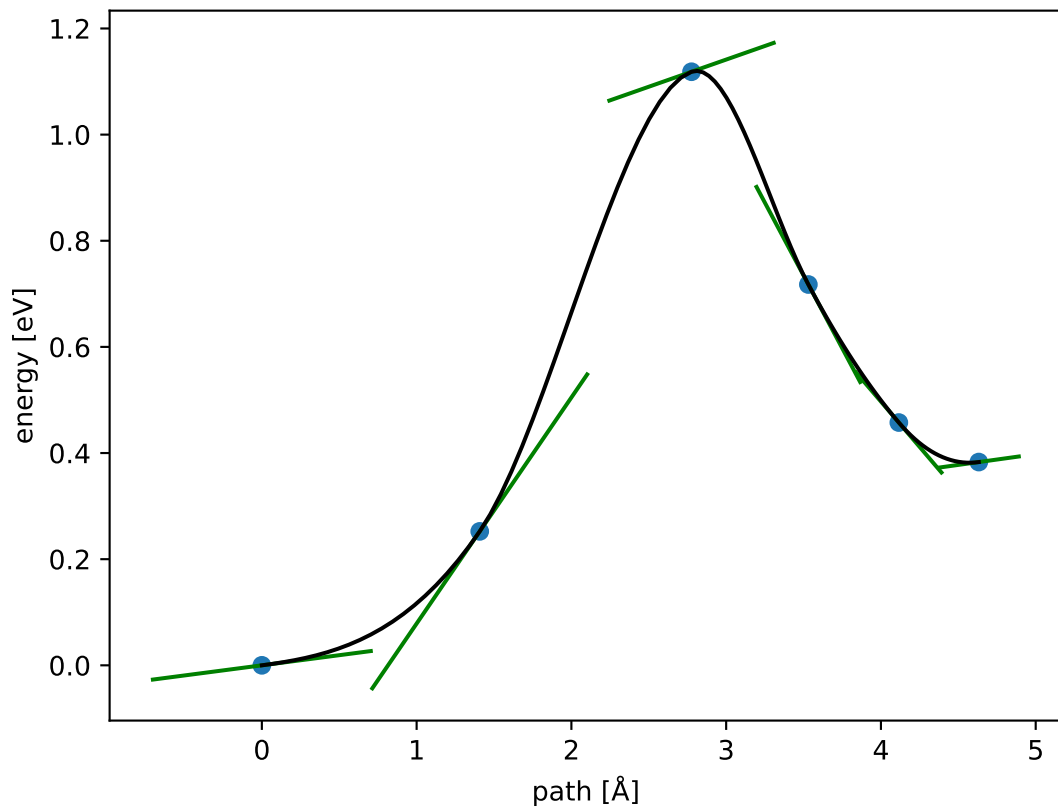
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



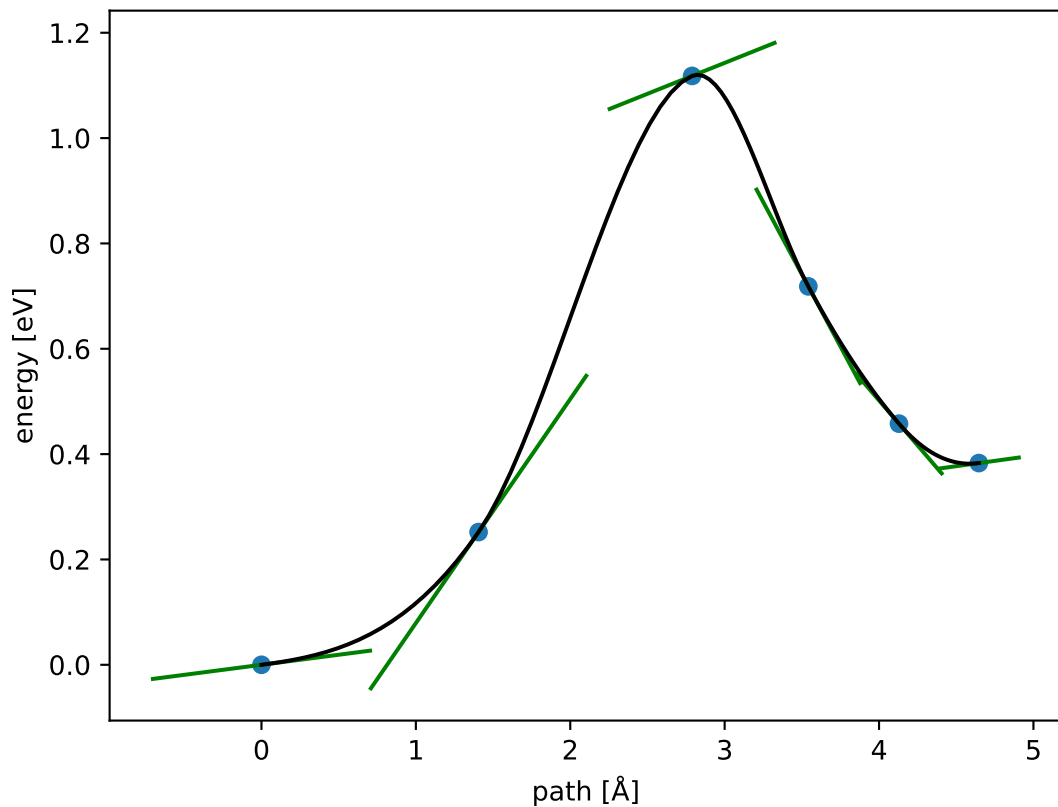
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



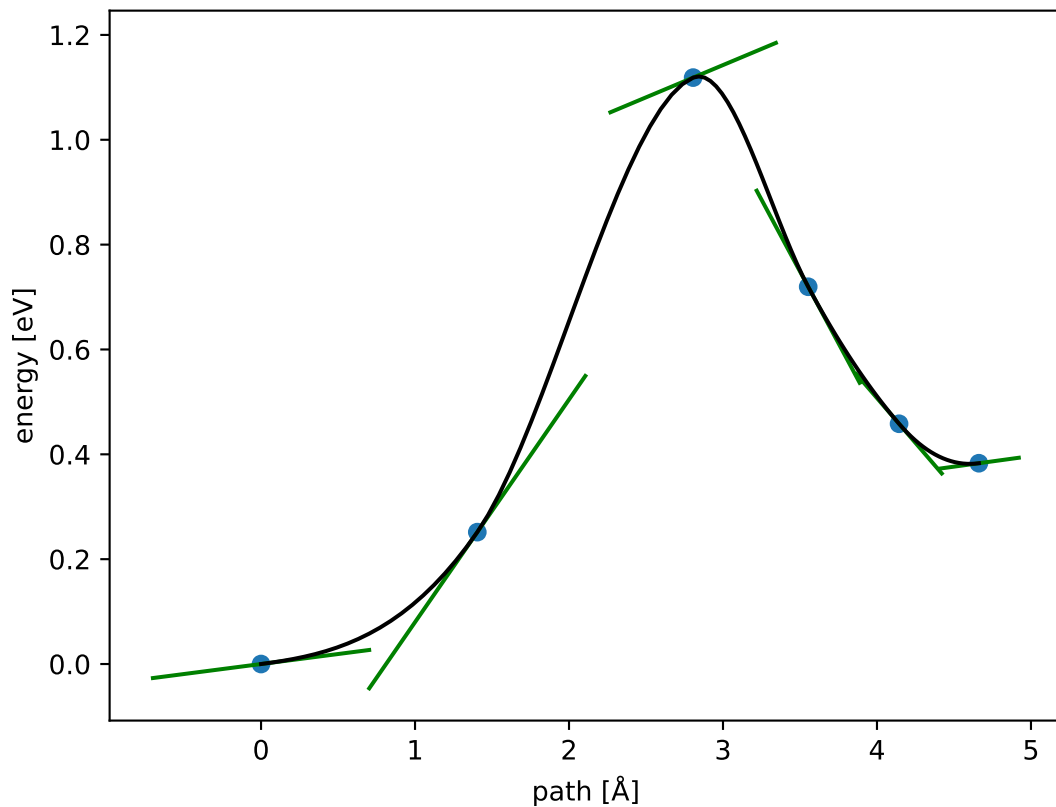
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



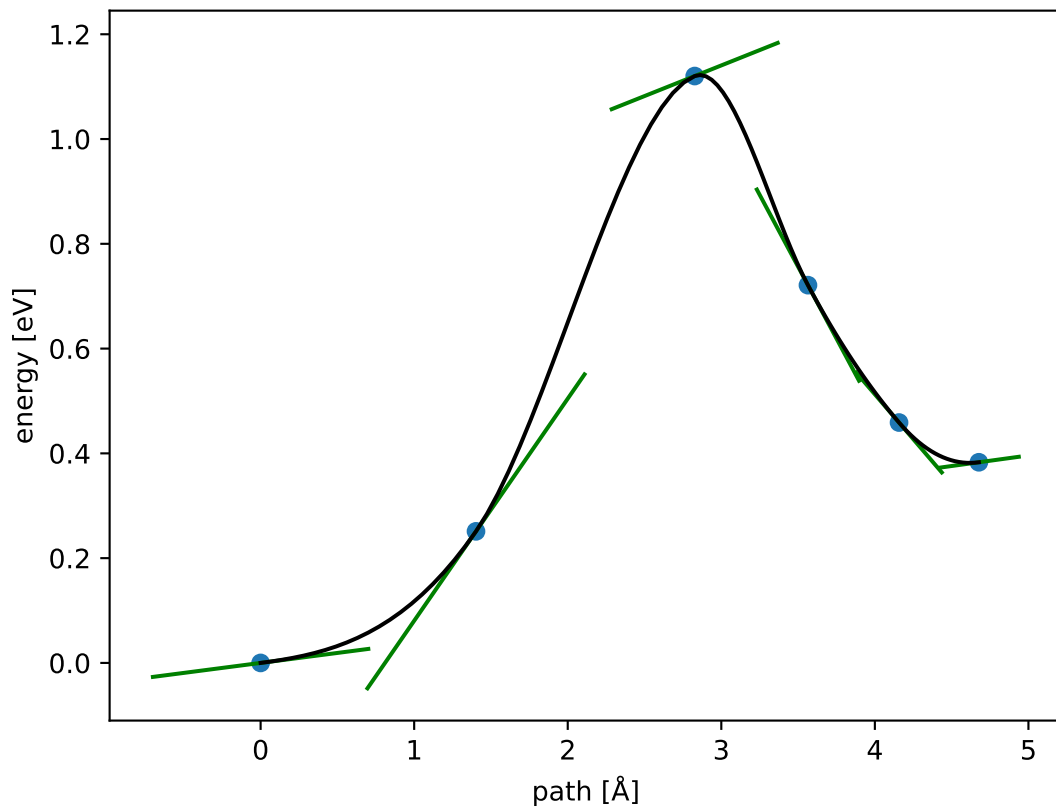
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



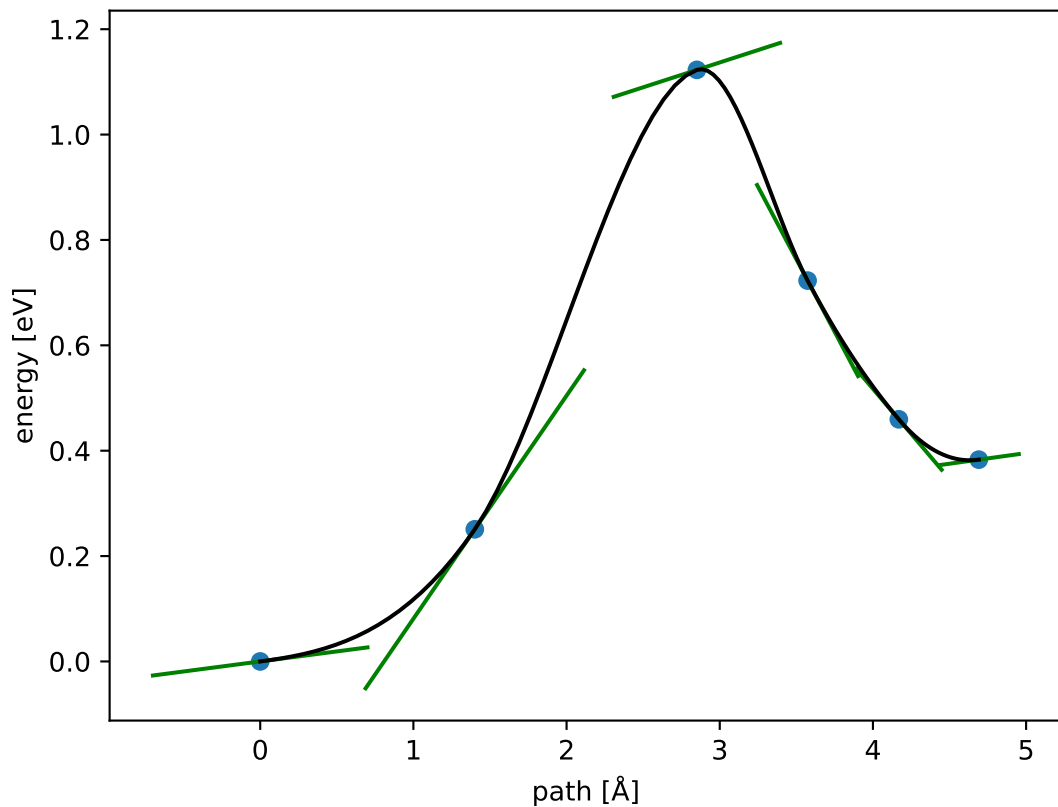
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



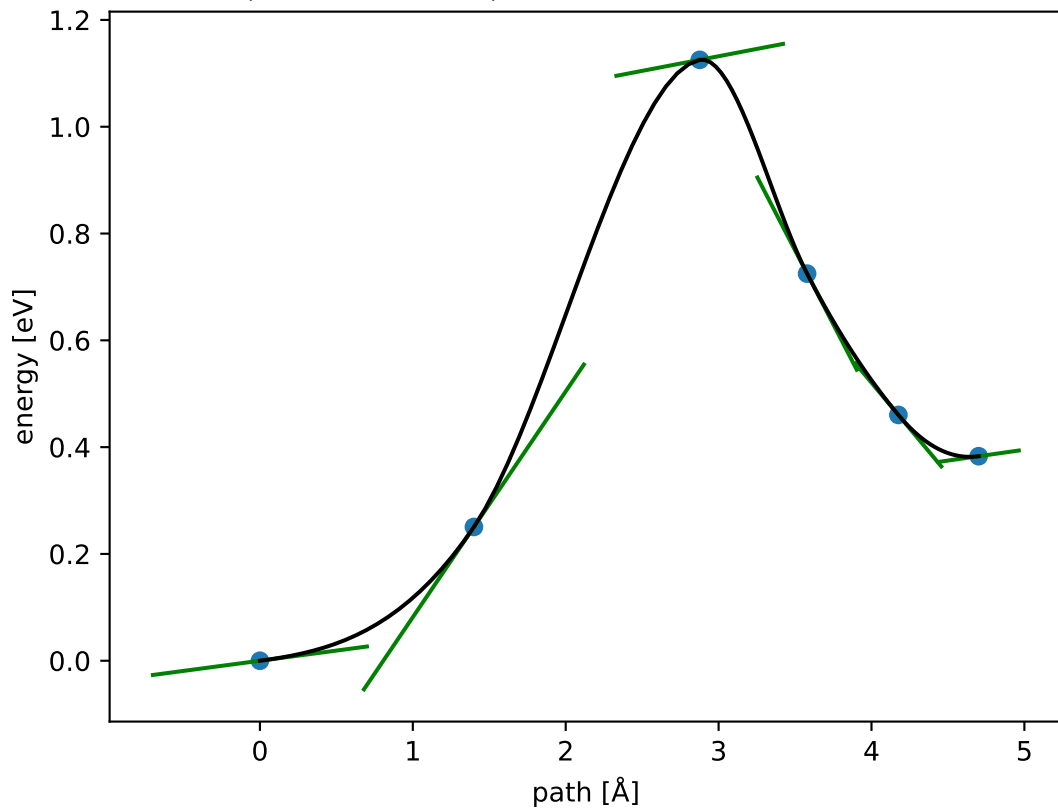
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



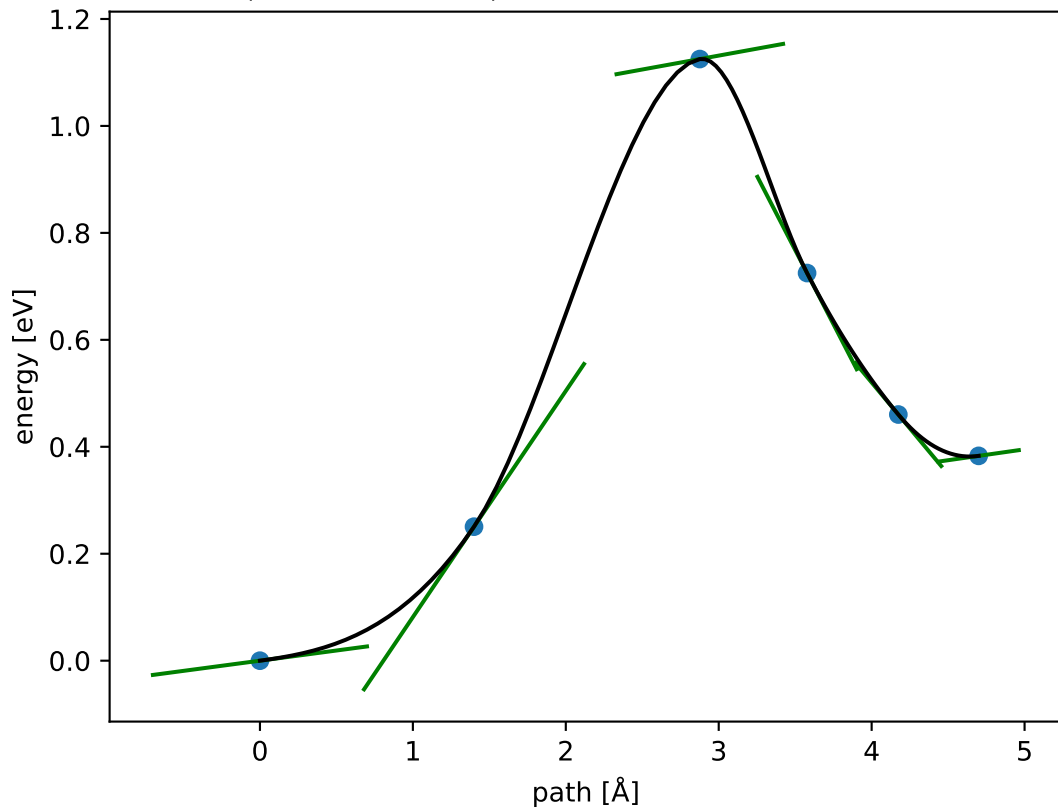
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



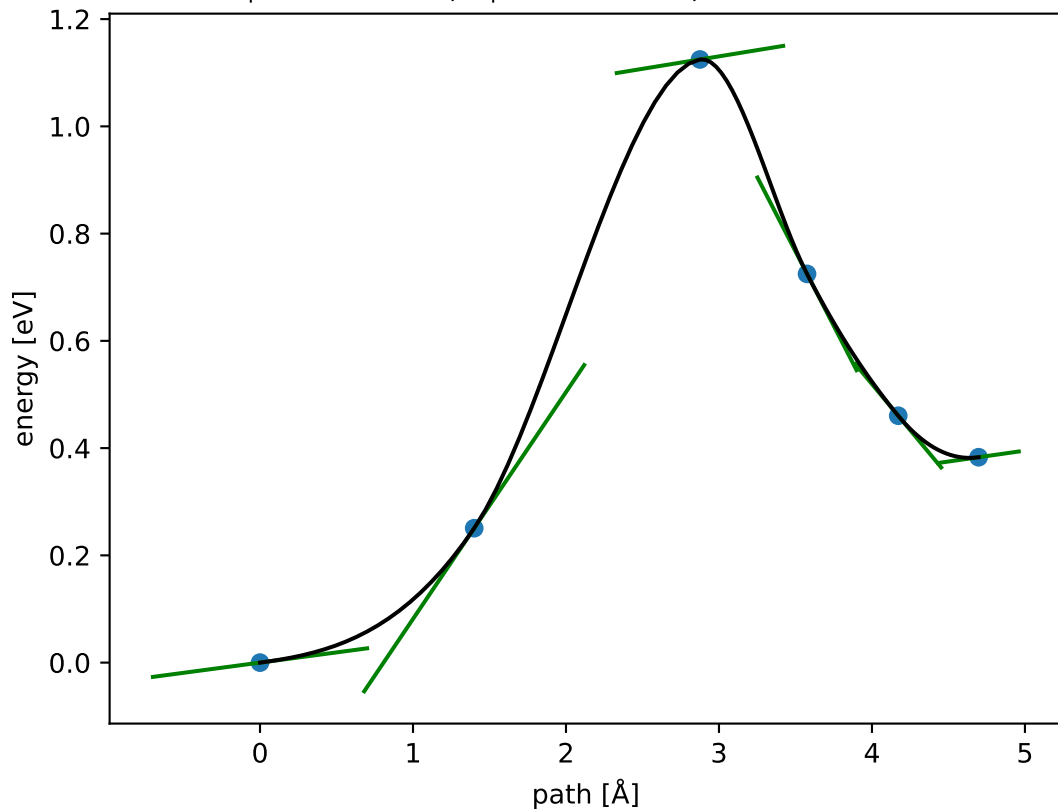
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



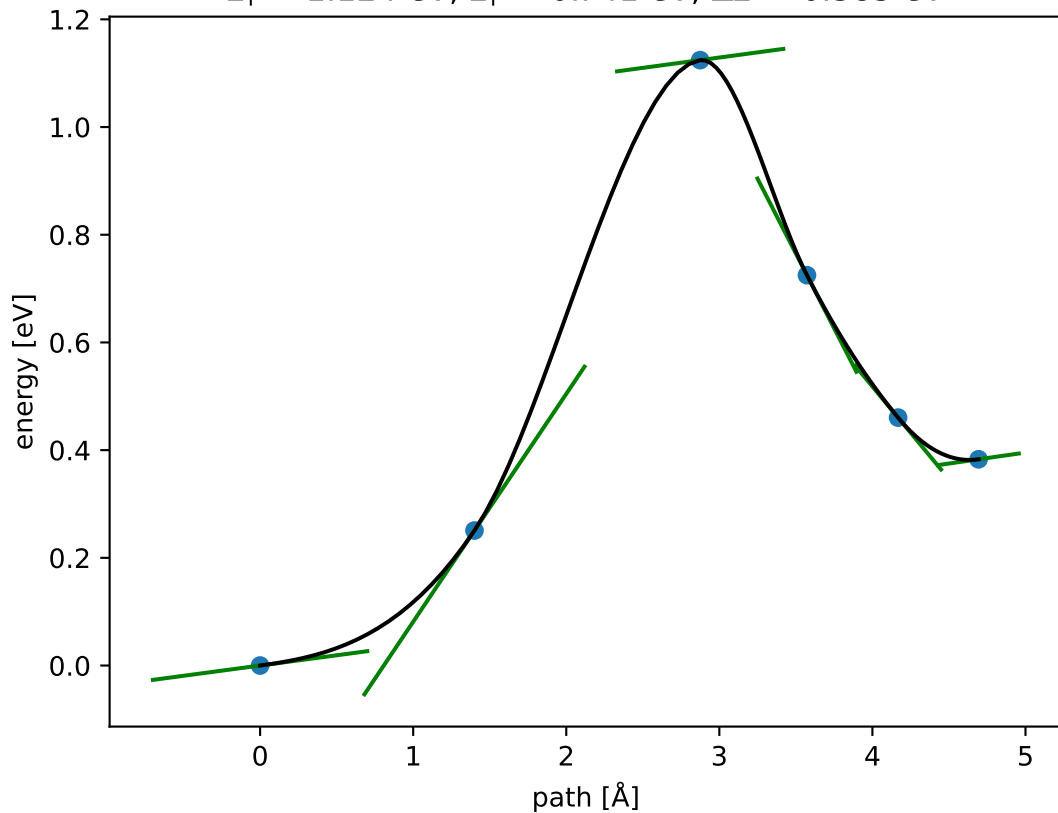
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



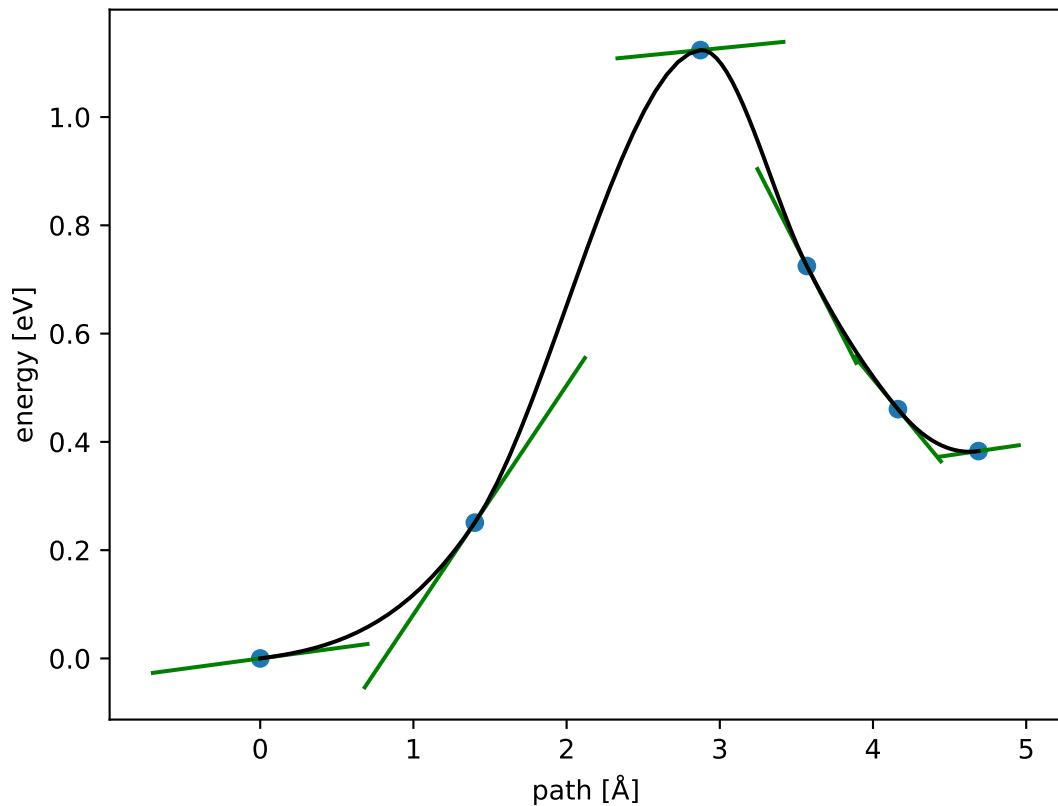
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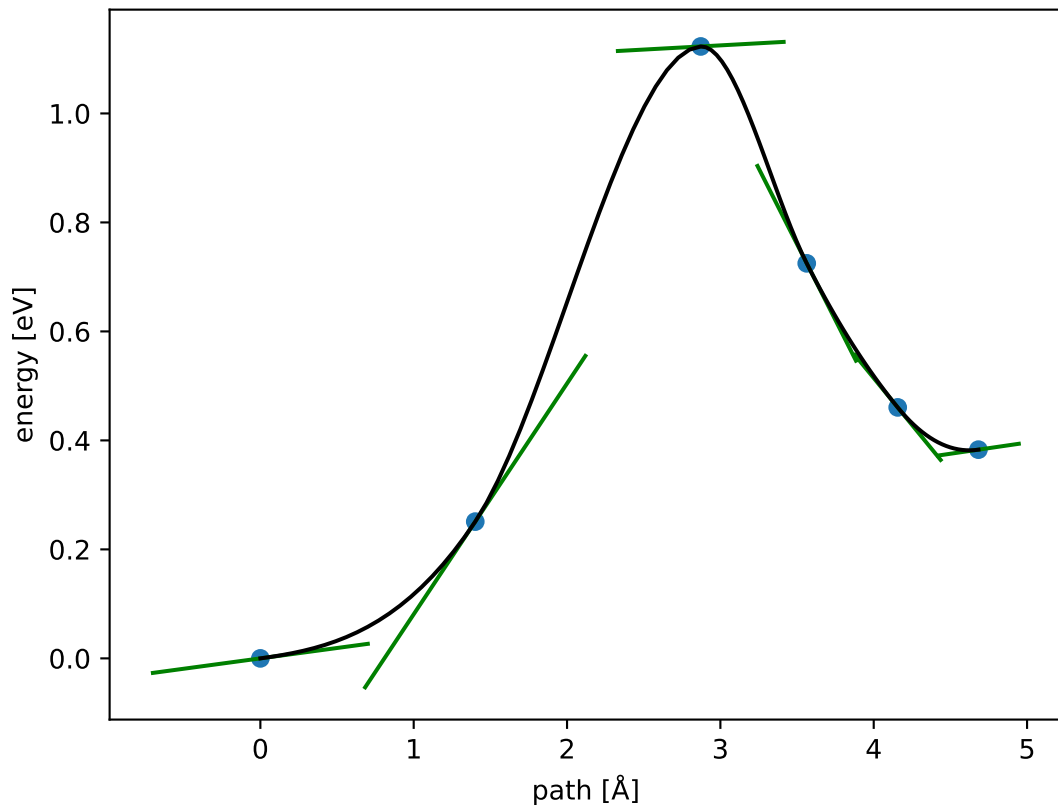
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



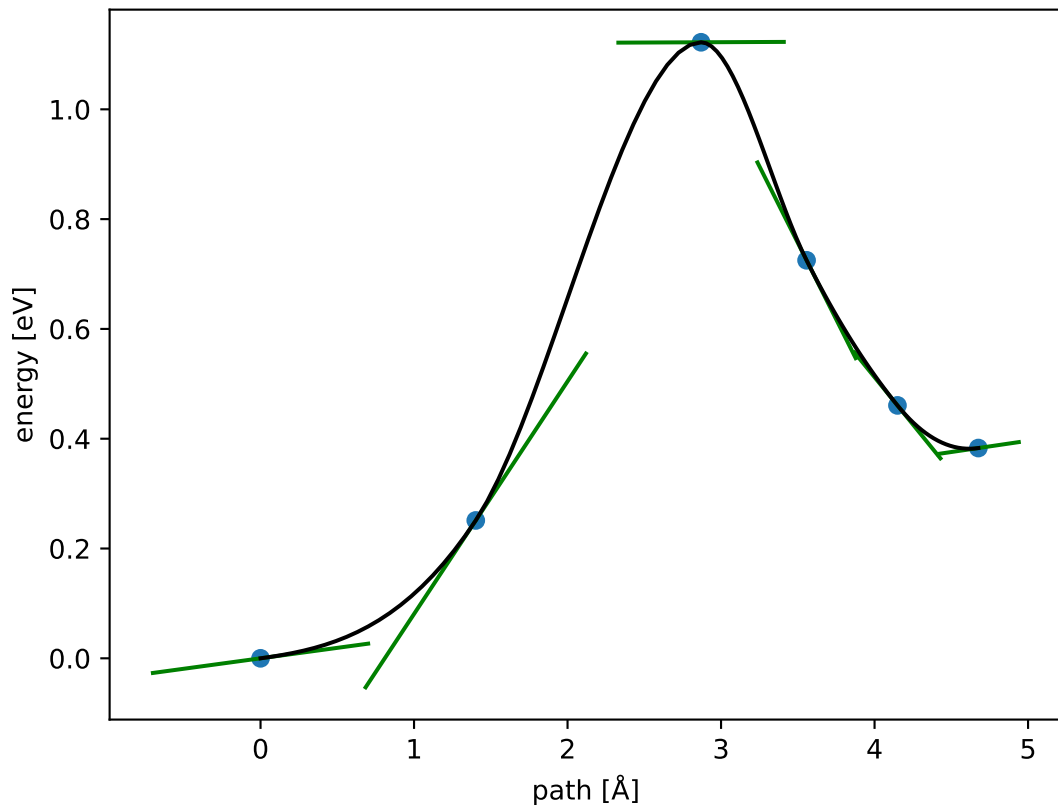
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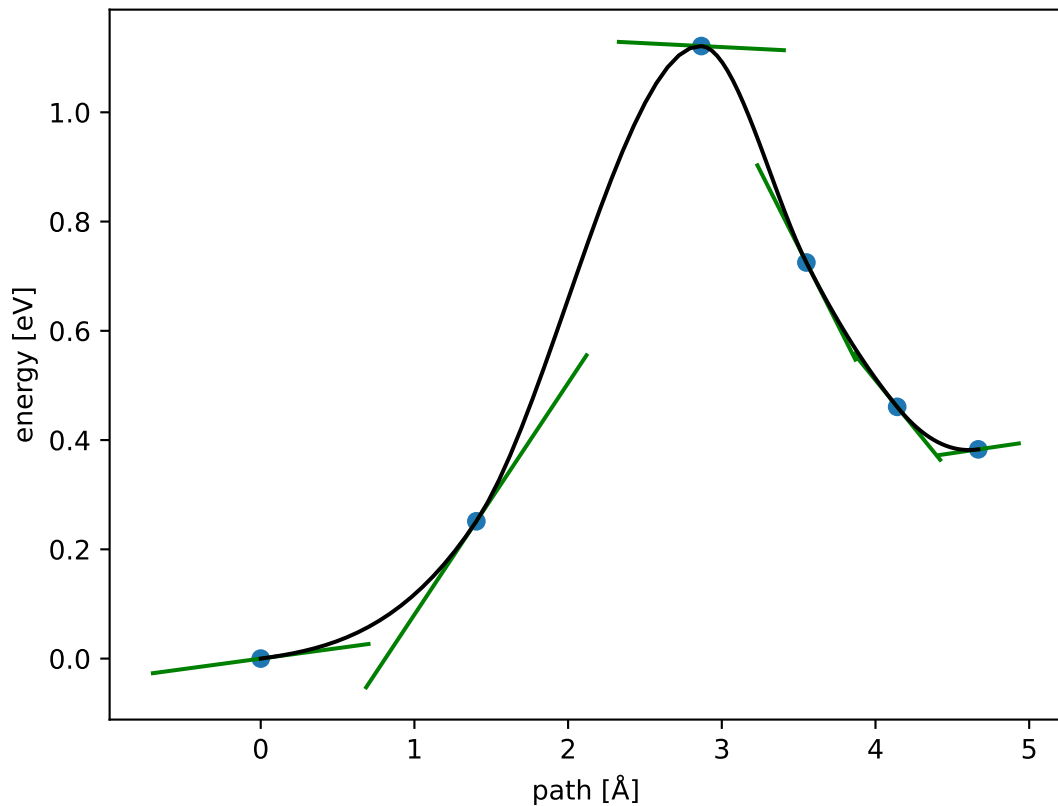
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



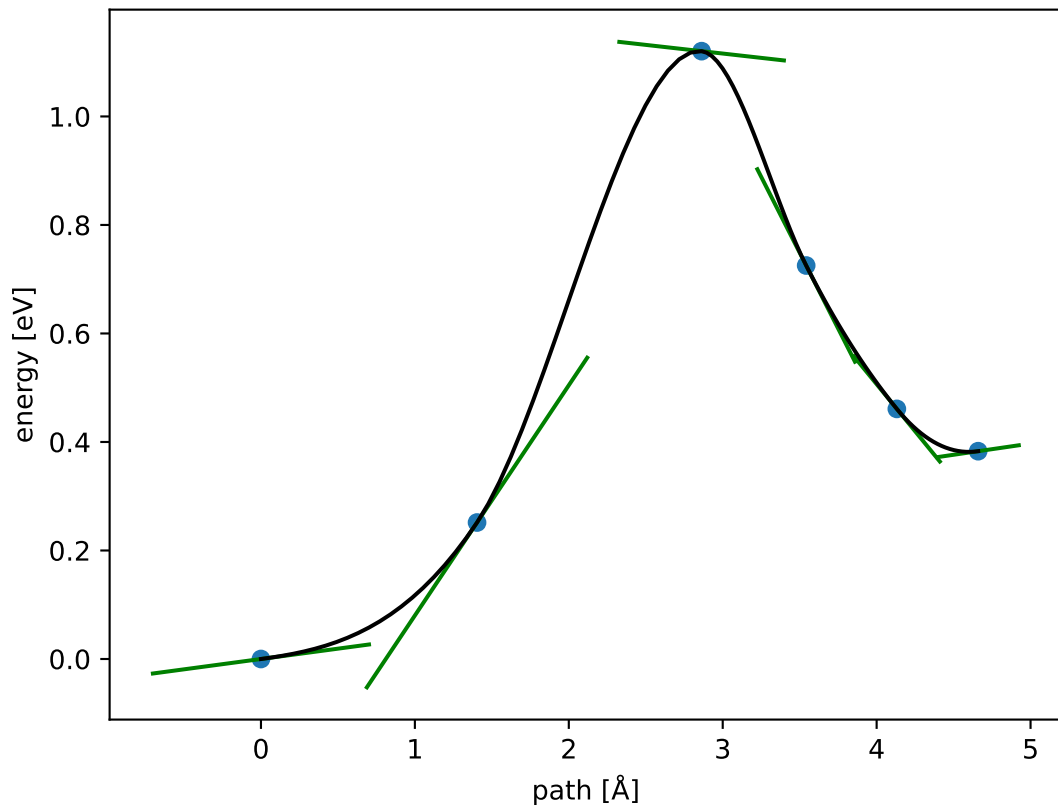
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



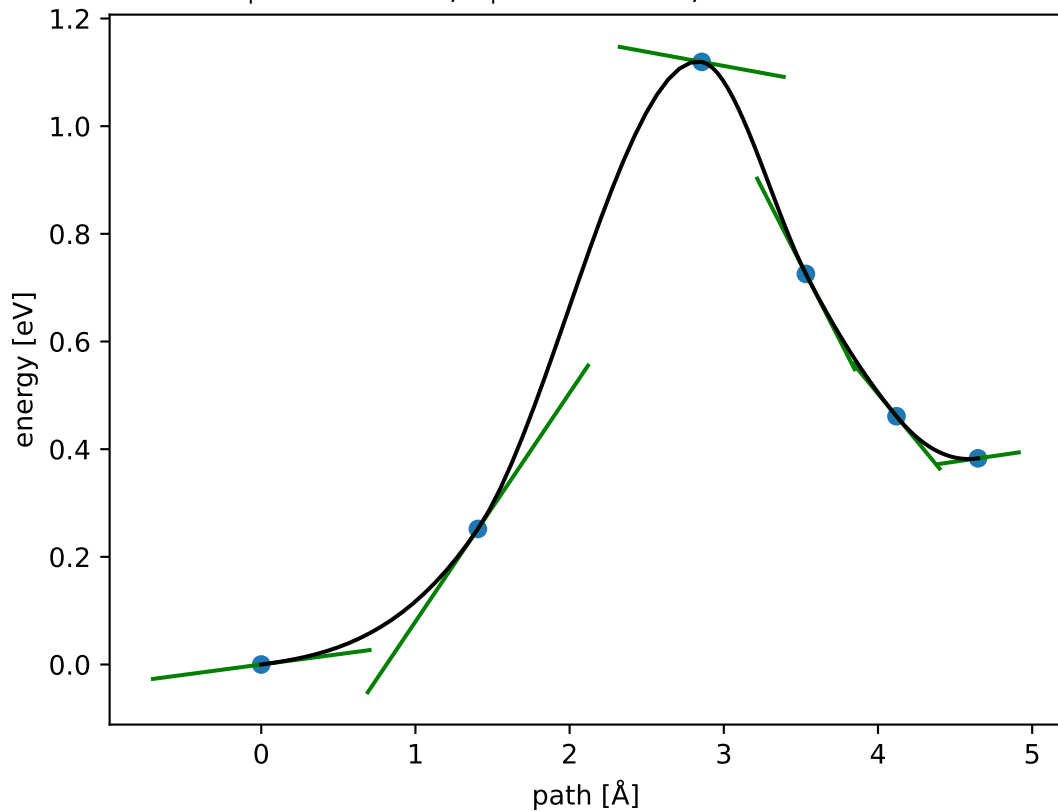
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



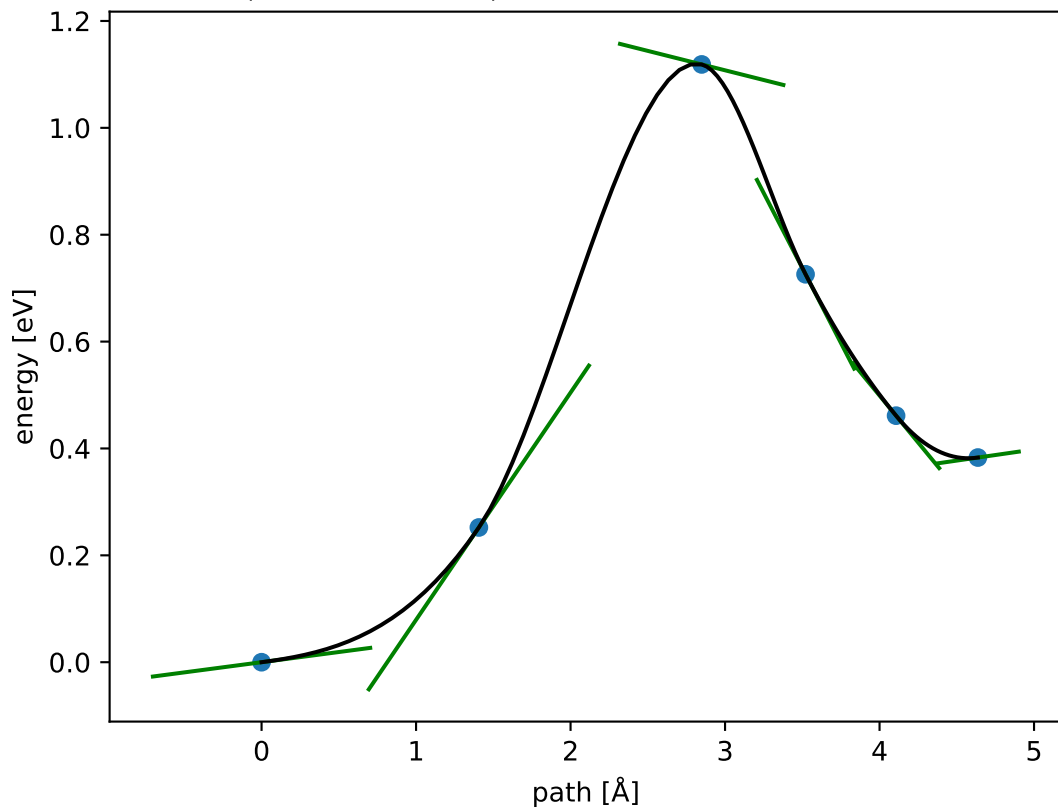
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



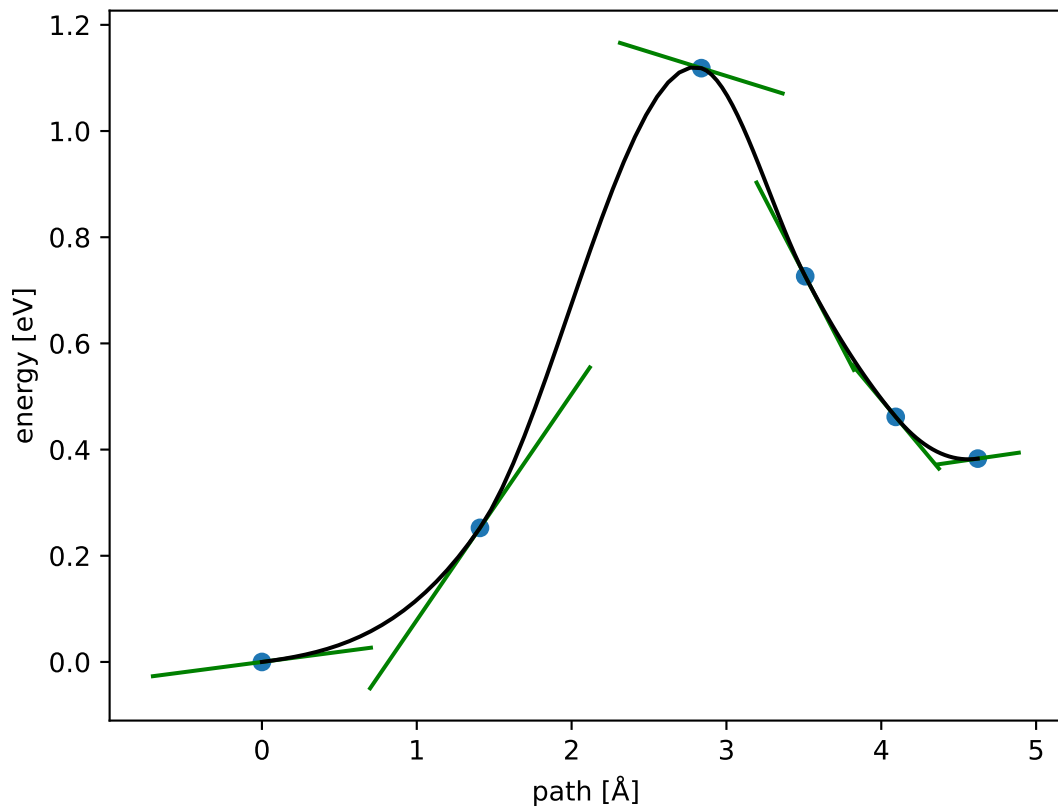
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



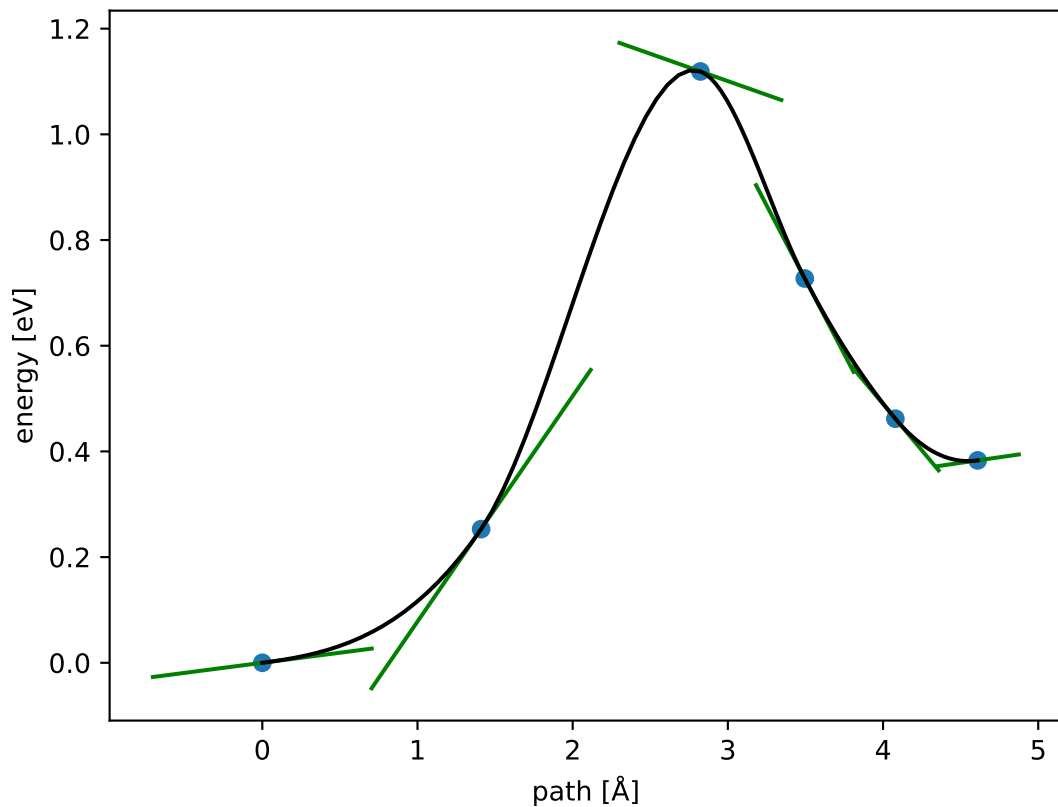
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



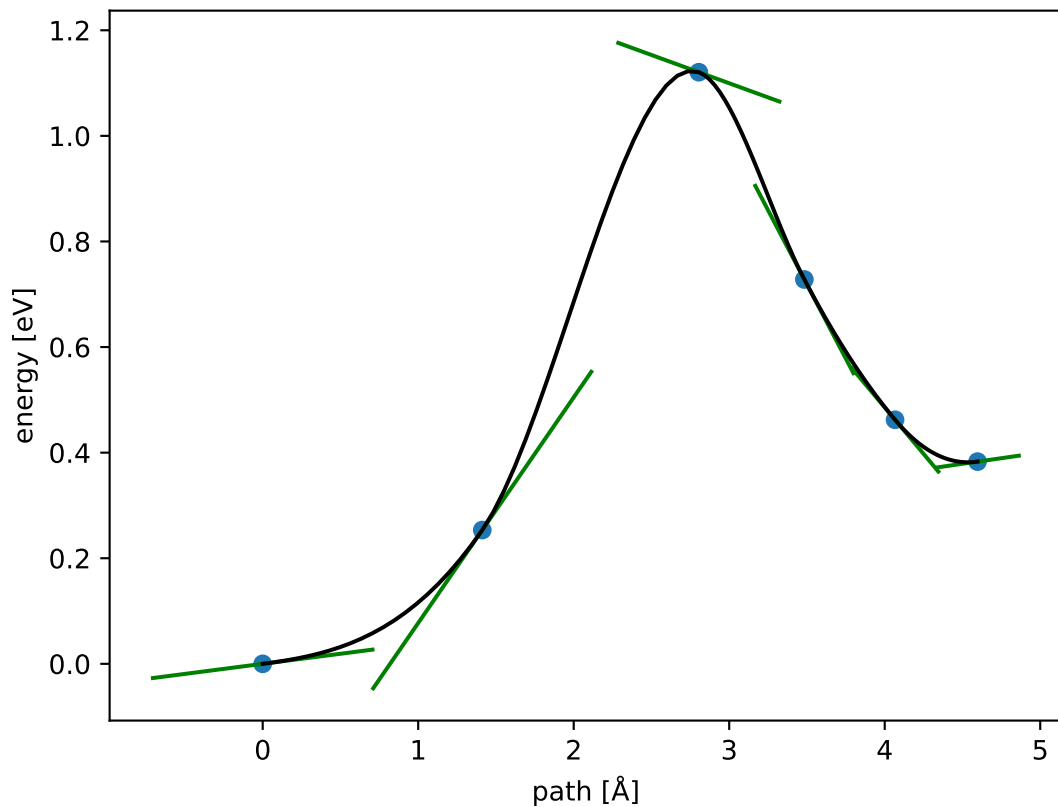
$$E_f \approx 1.118 \text{ eV}; E_r \approx 0.735 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



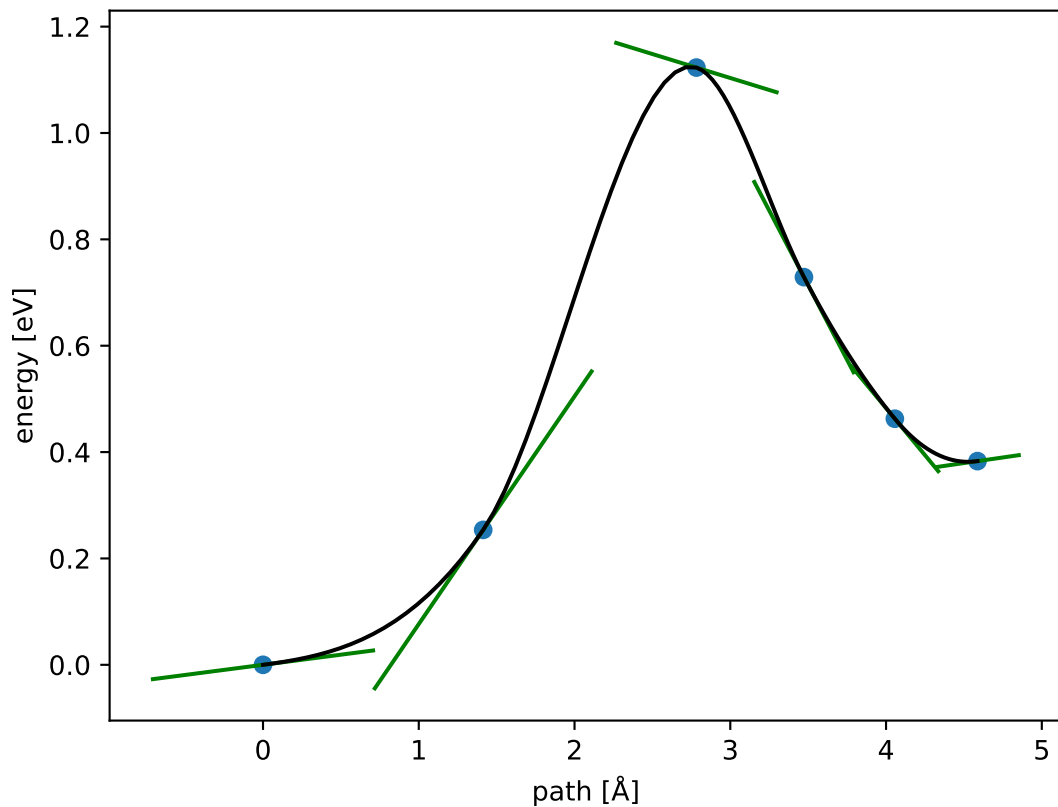
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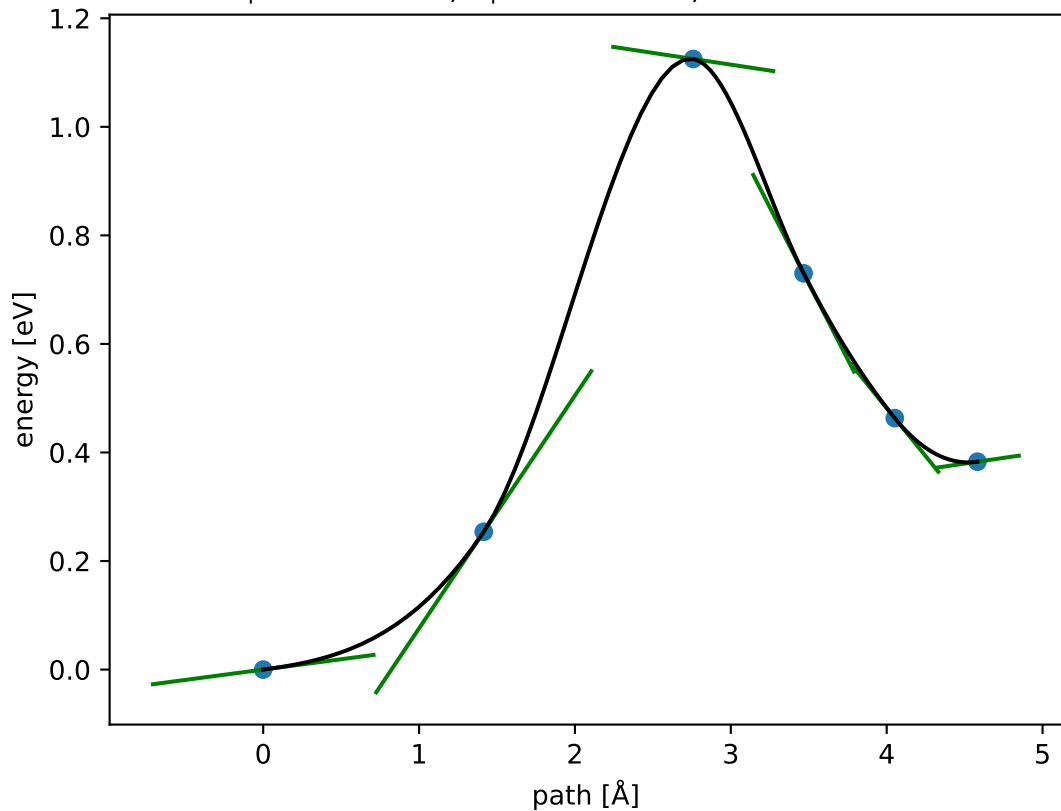
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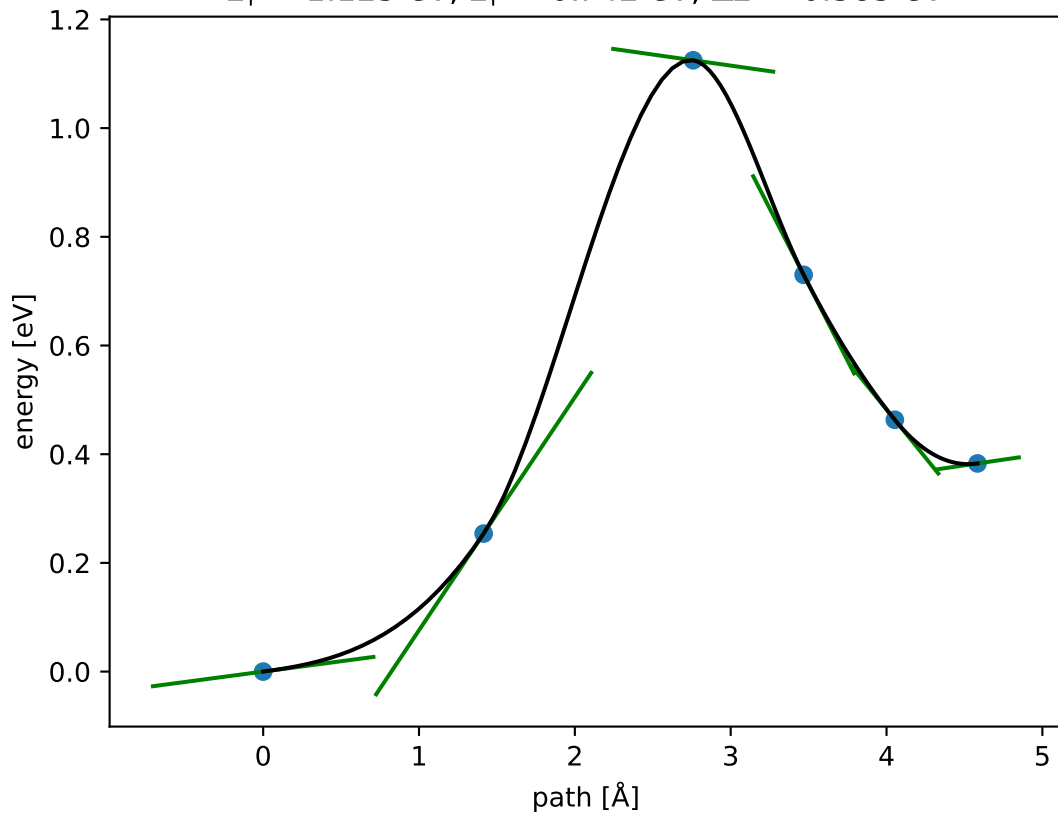
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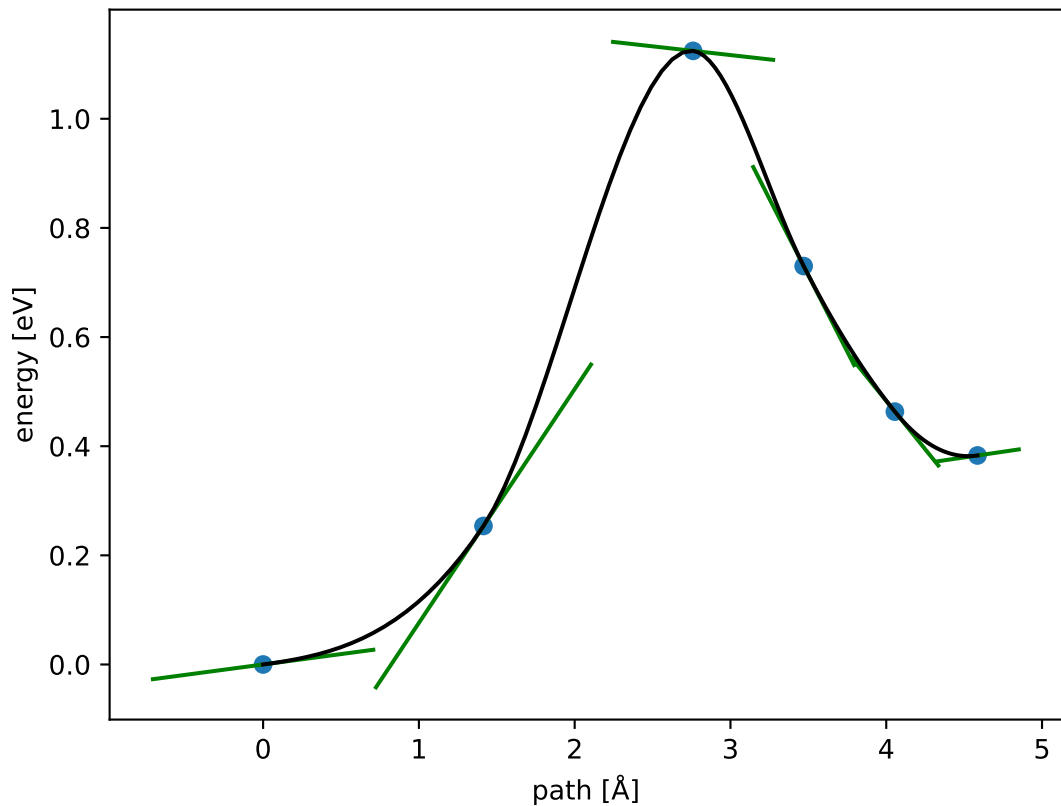
$$E_f \approx 1.125 \text{ eV}; E_r \approx 0.742 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



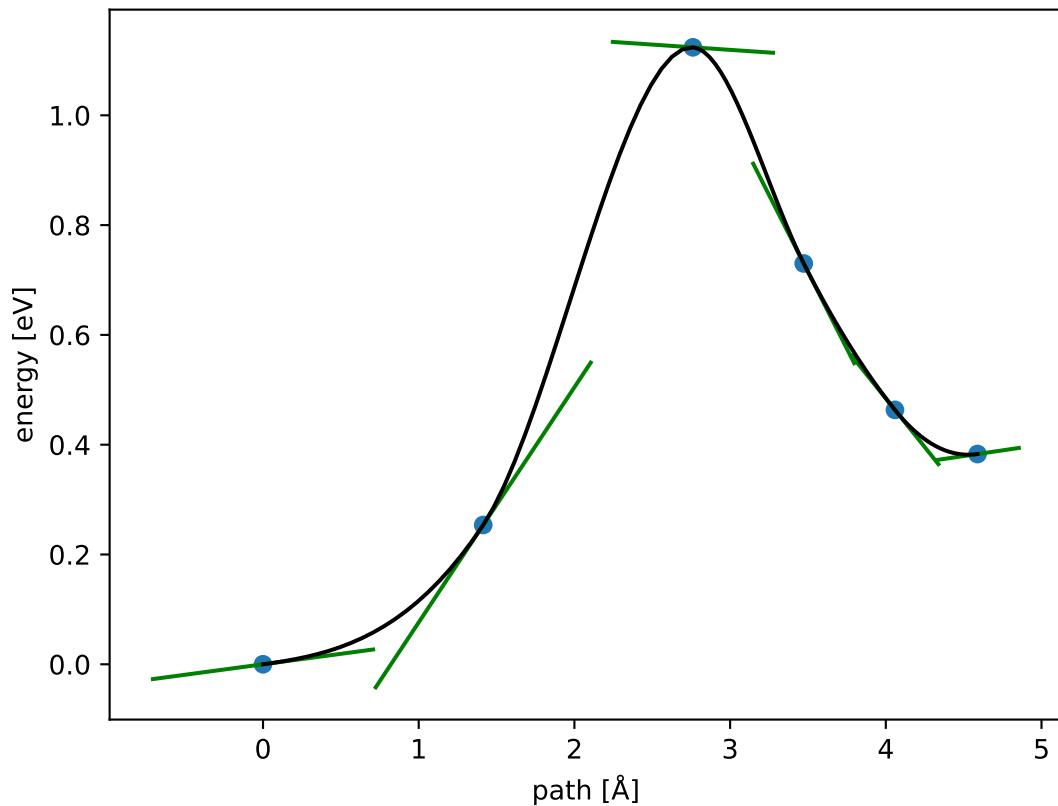
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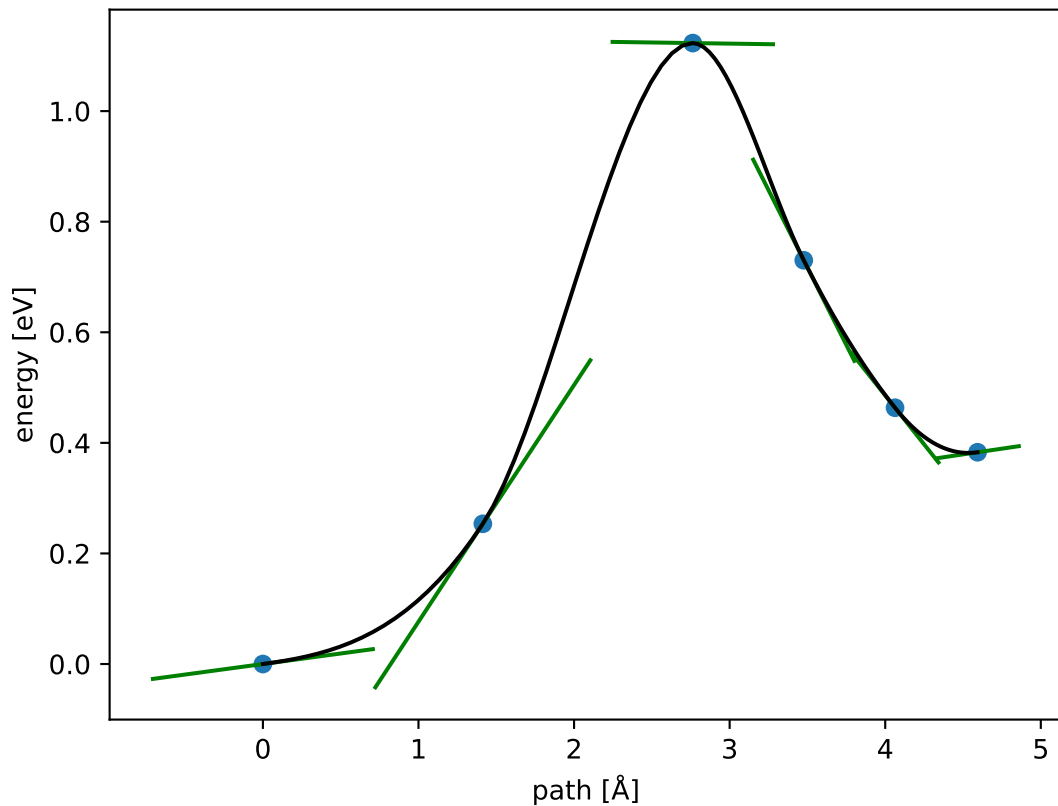
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



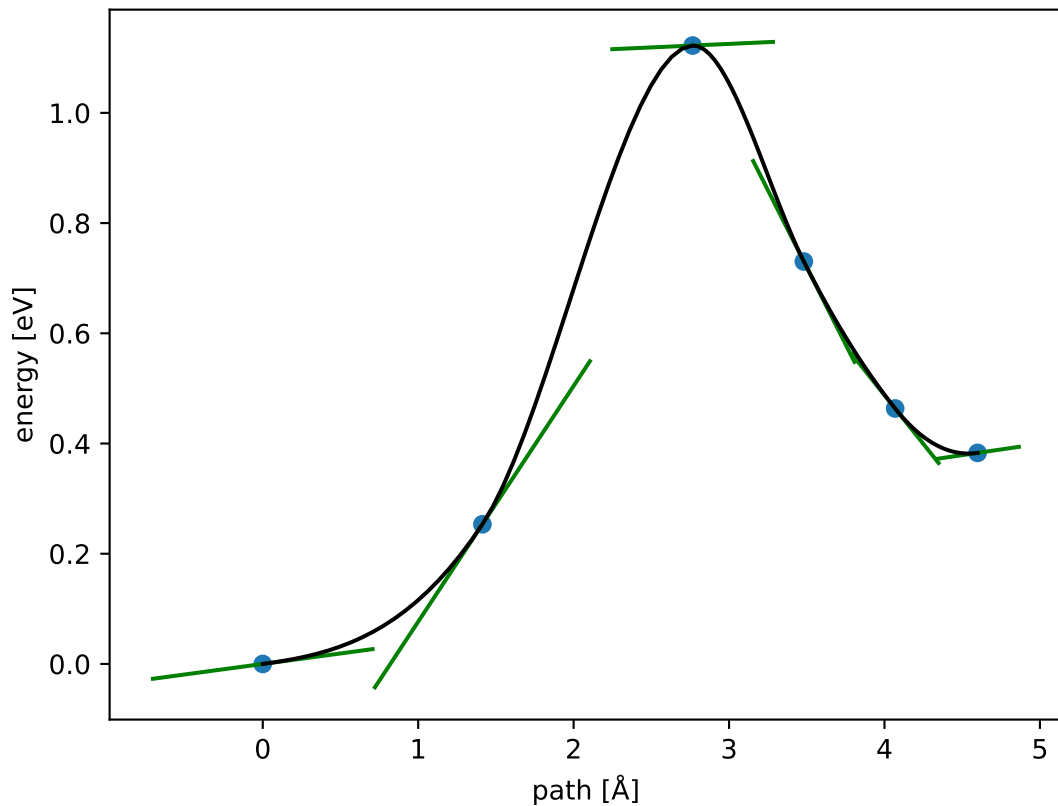
$$E_f \approx 1.124 \text{ eV}; E_r \approx 0.741 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



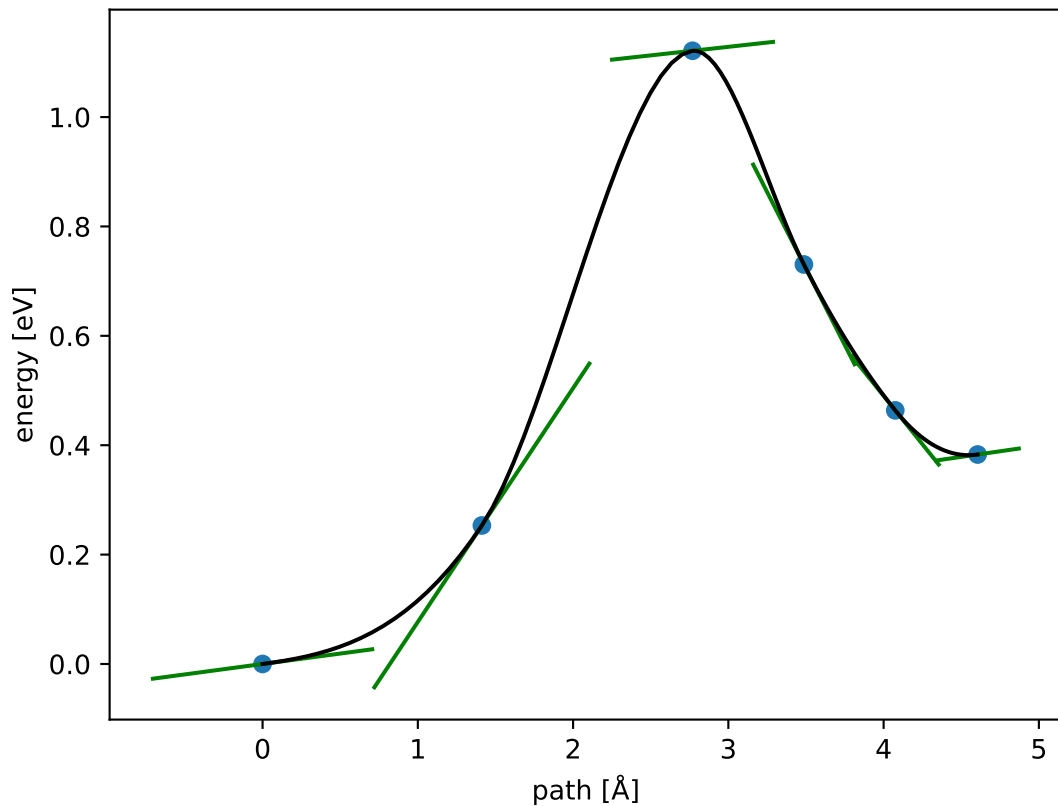
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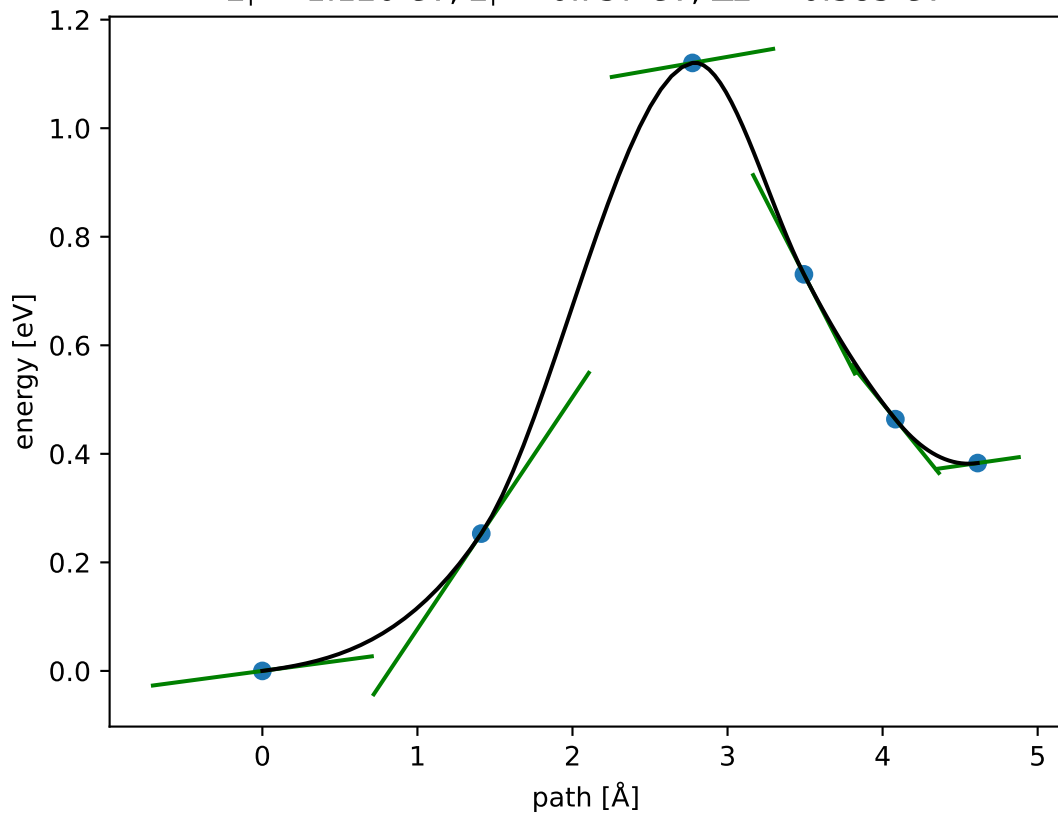
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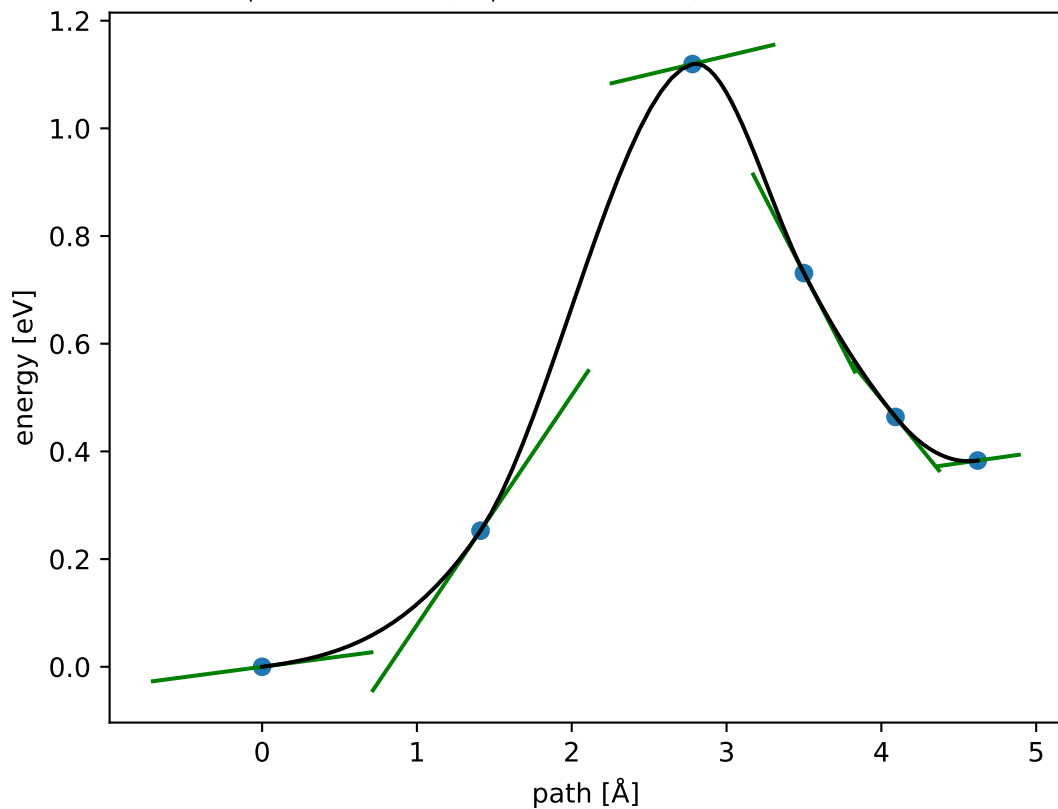
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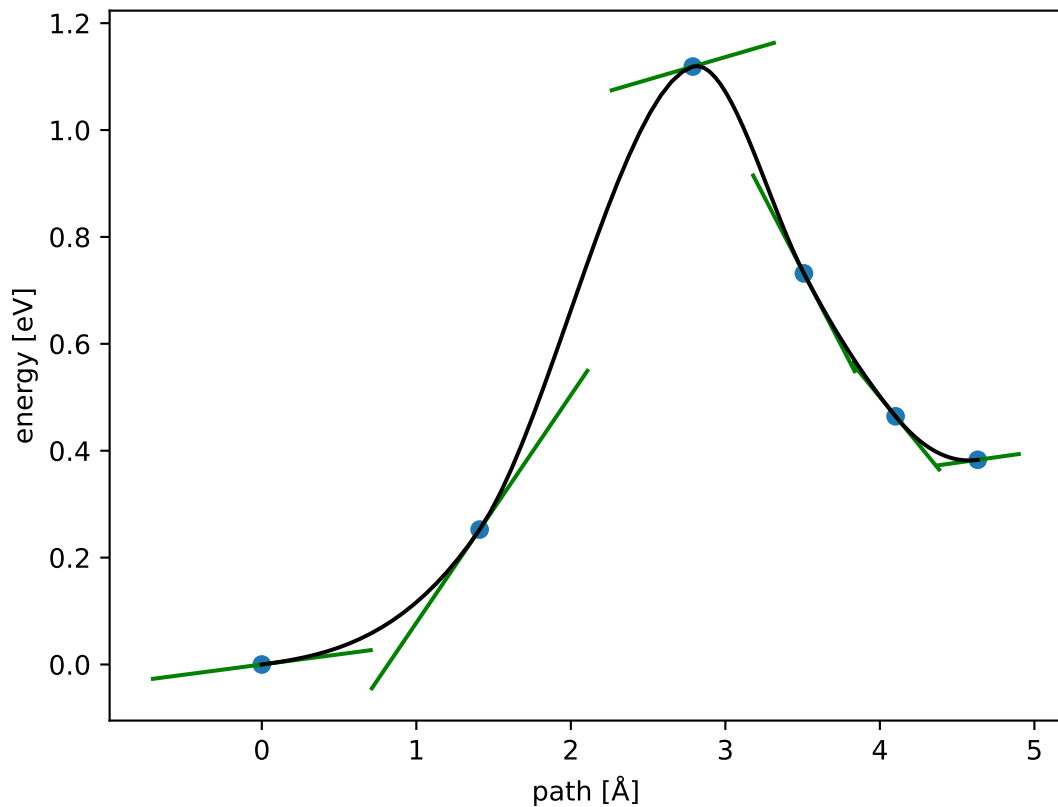
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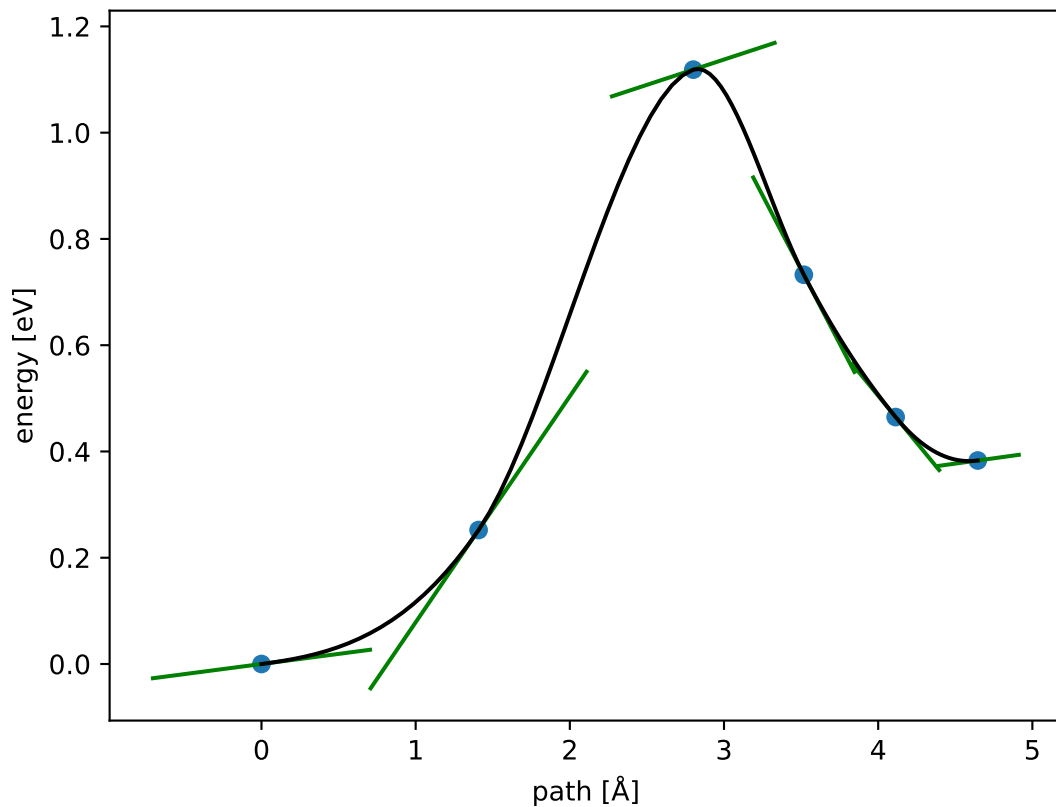
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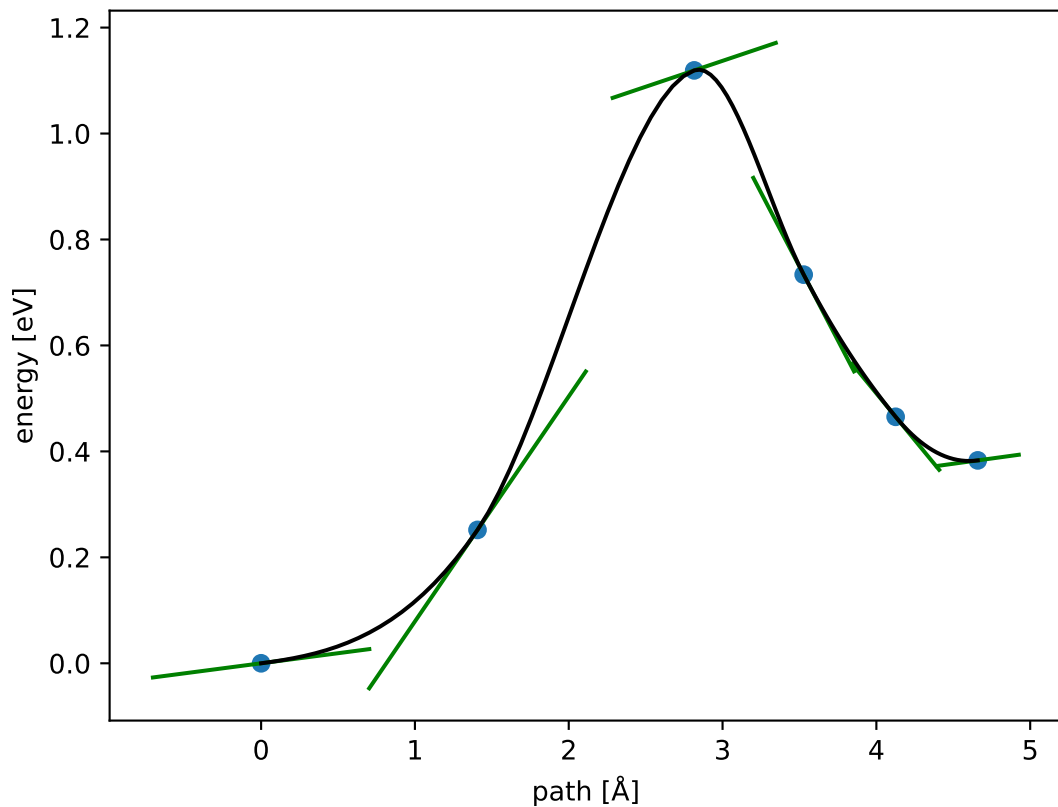
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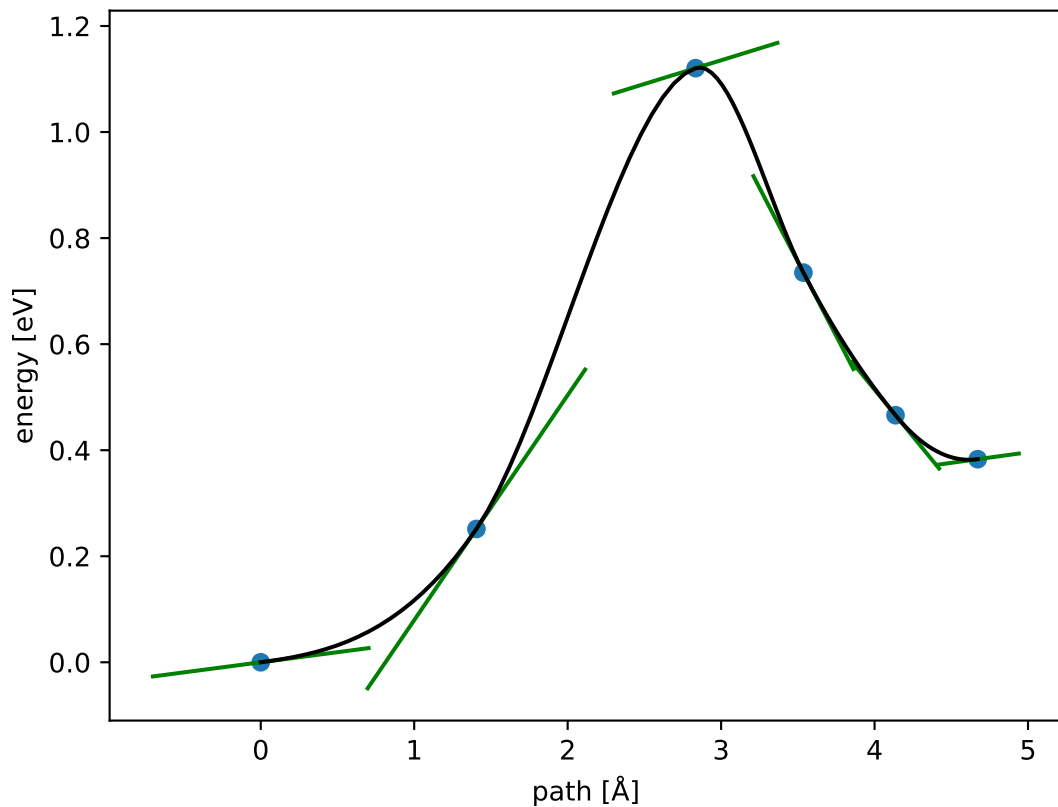
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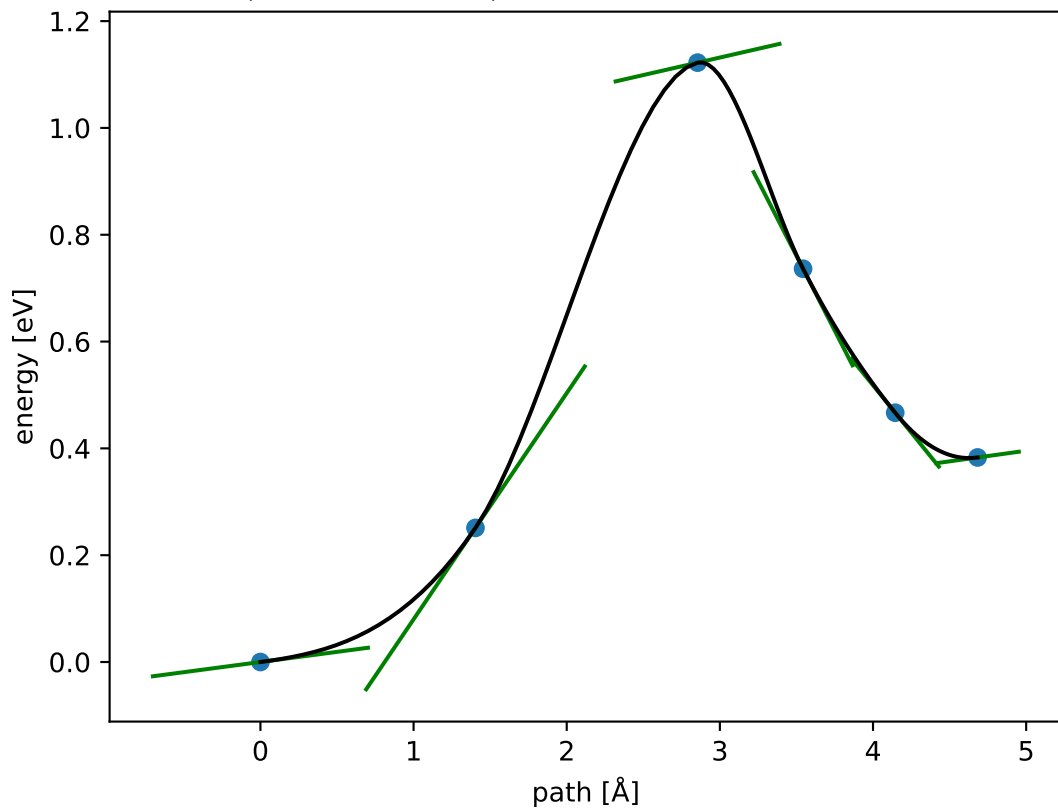
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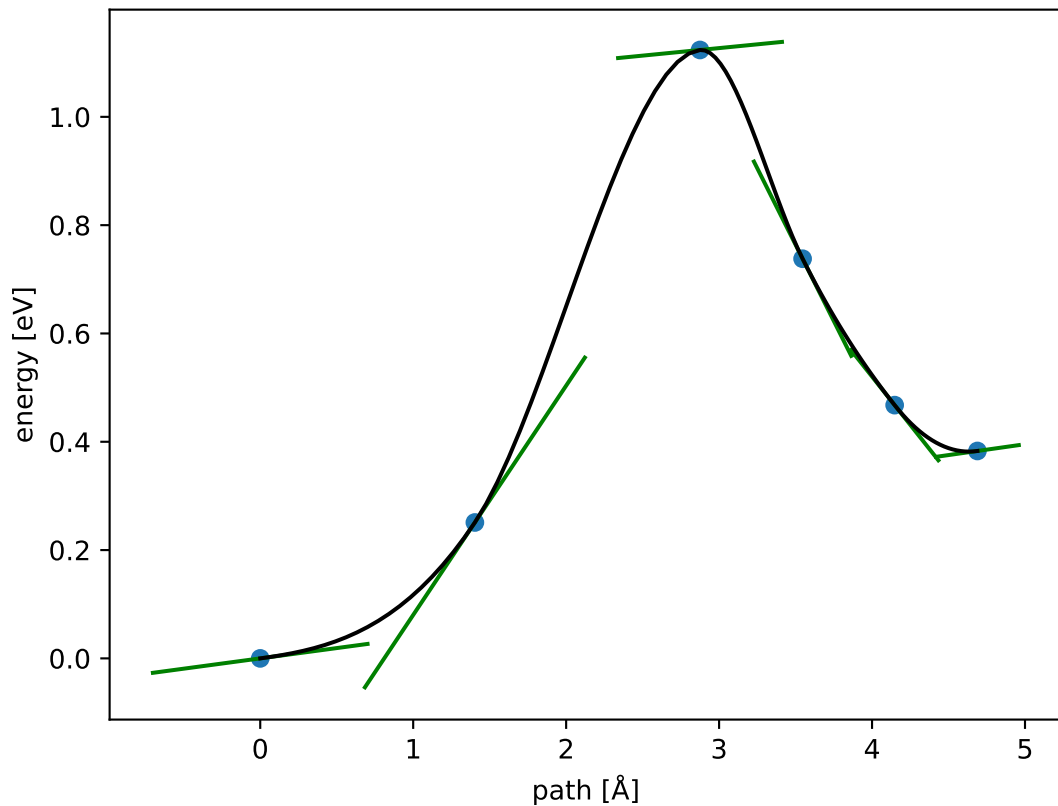
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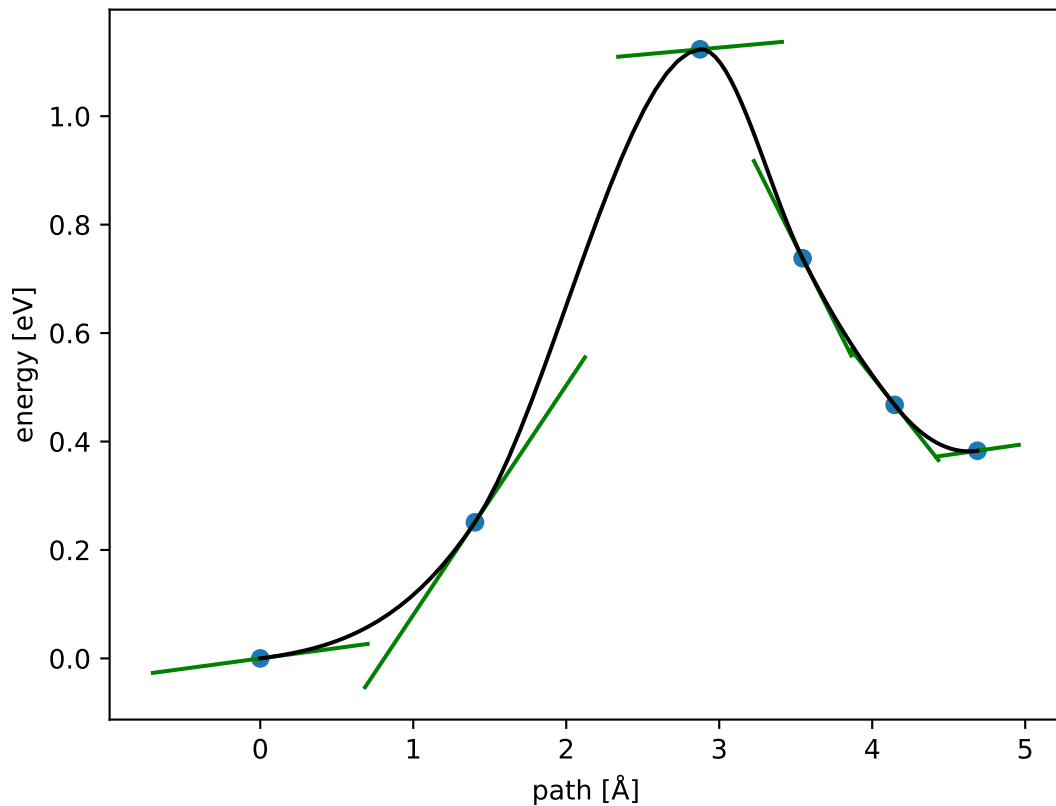
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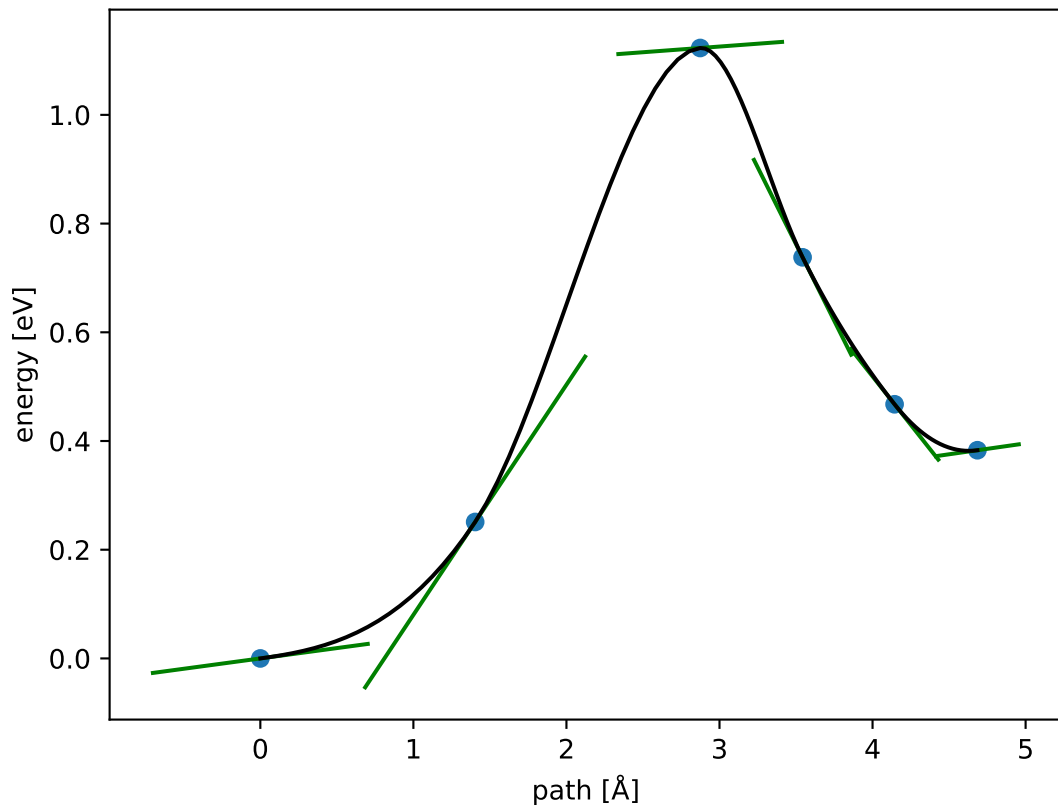
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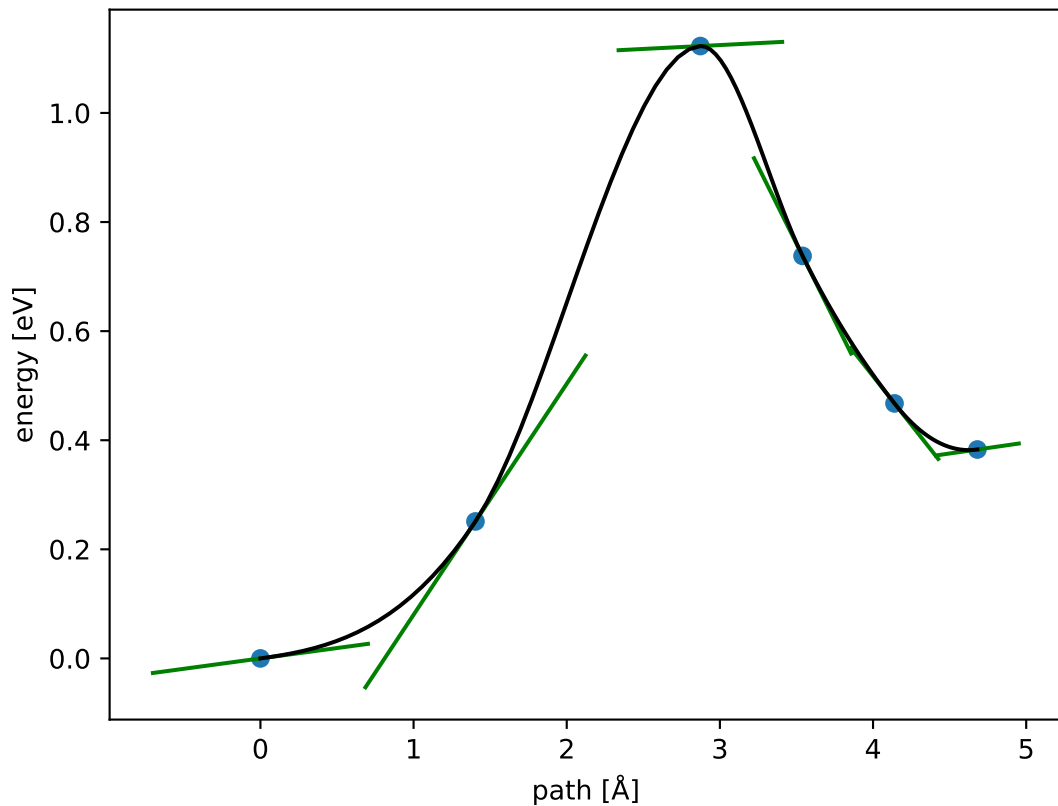
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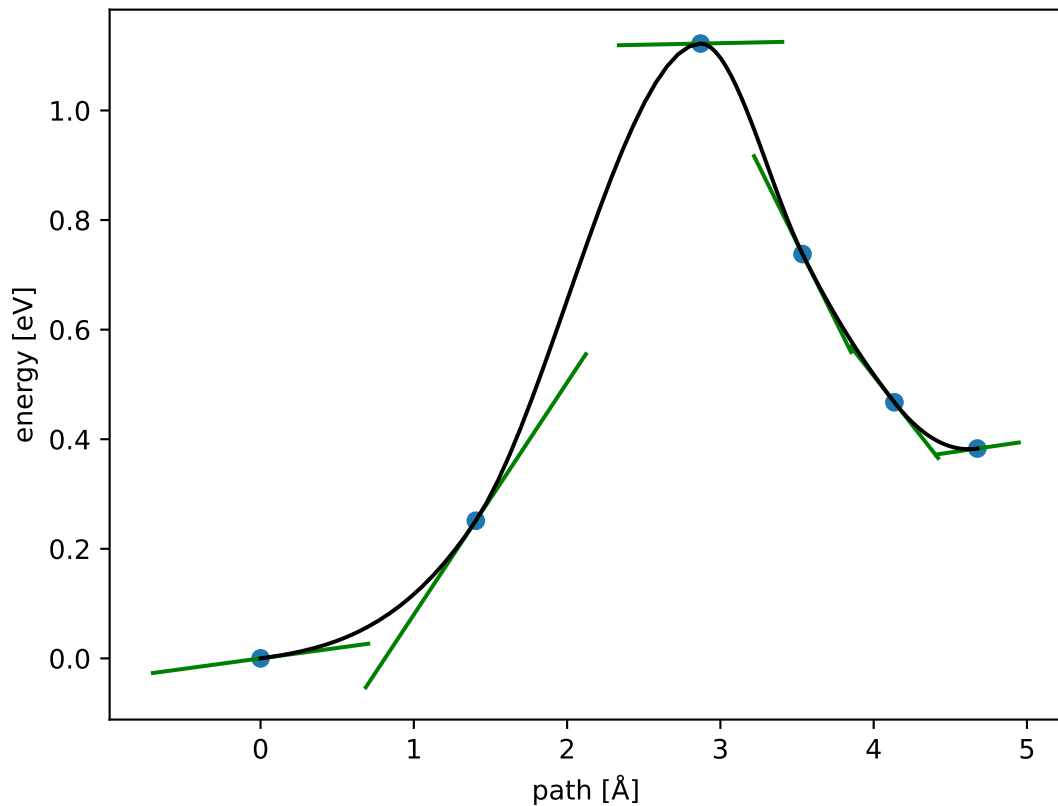
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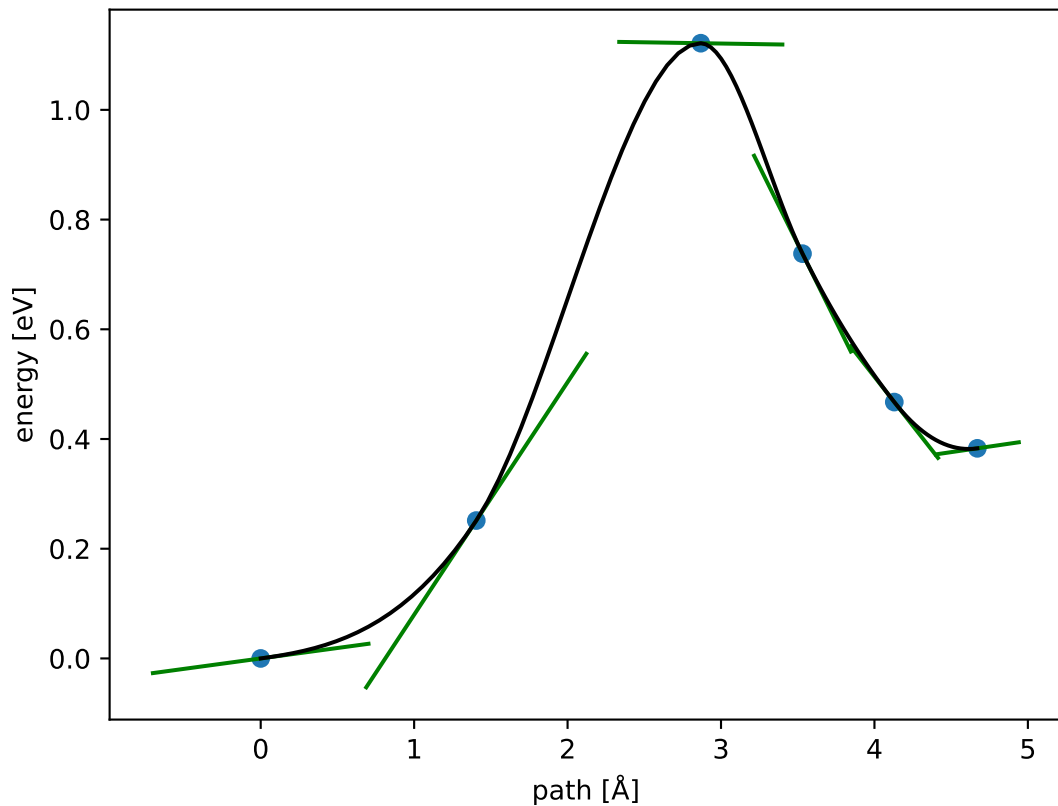
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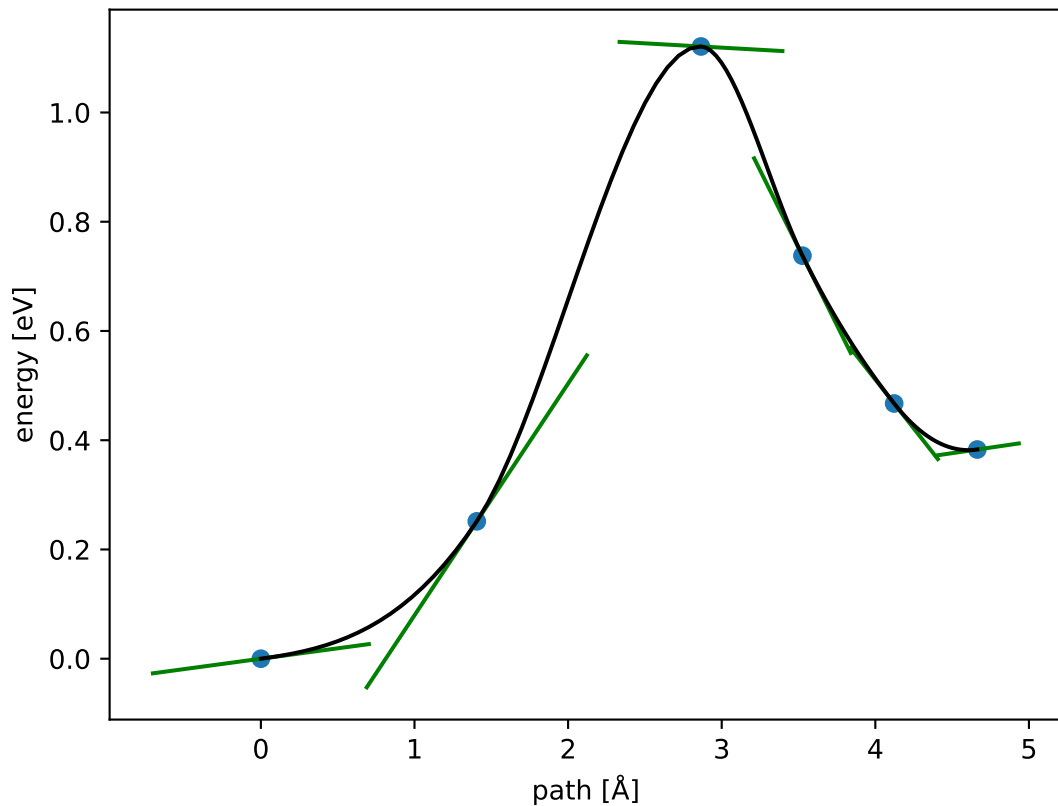
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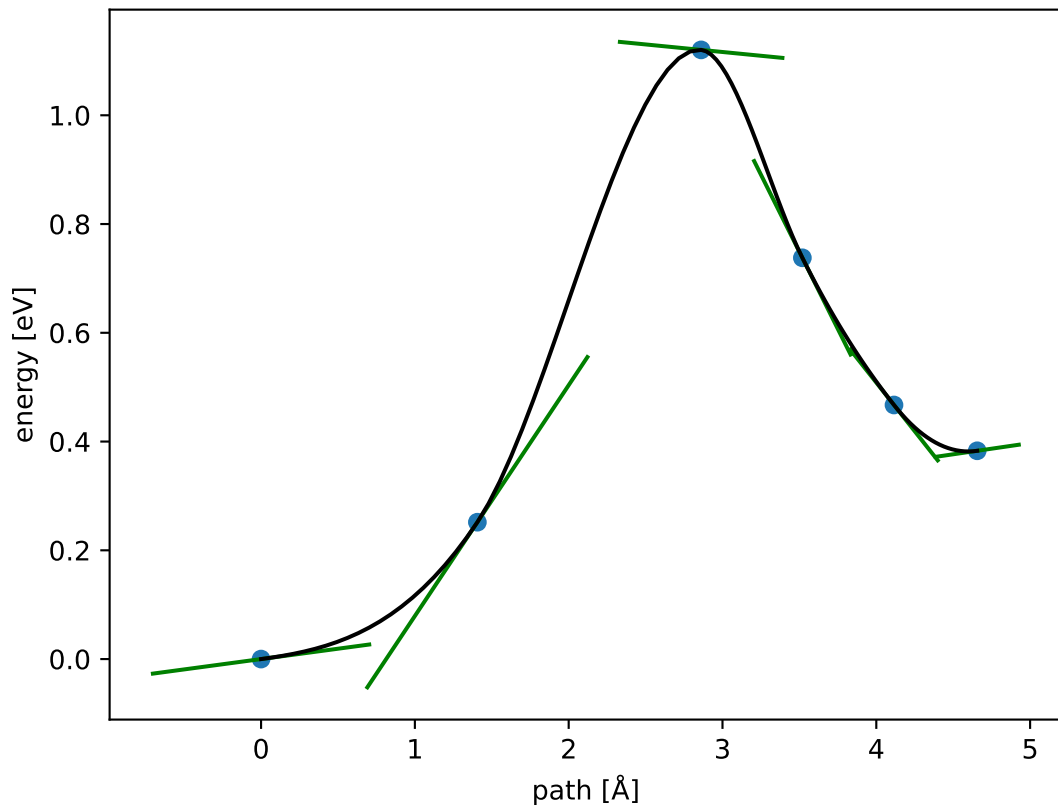
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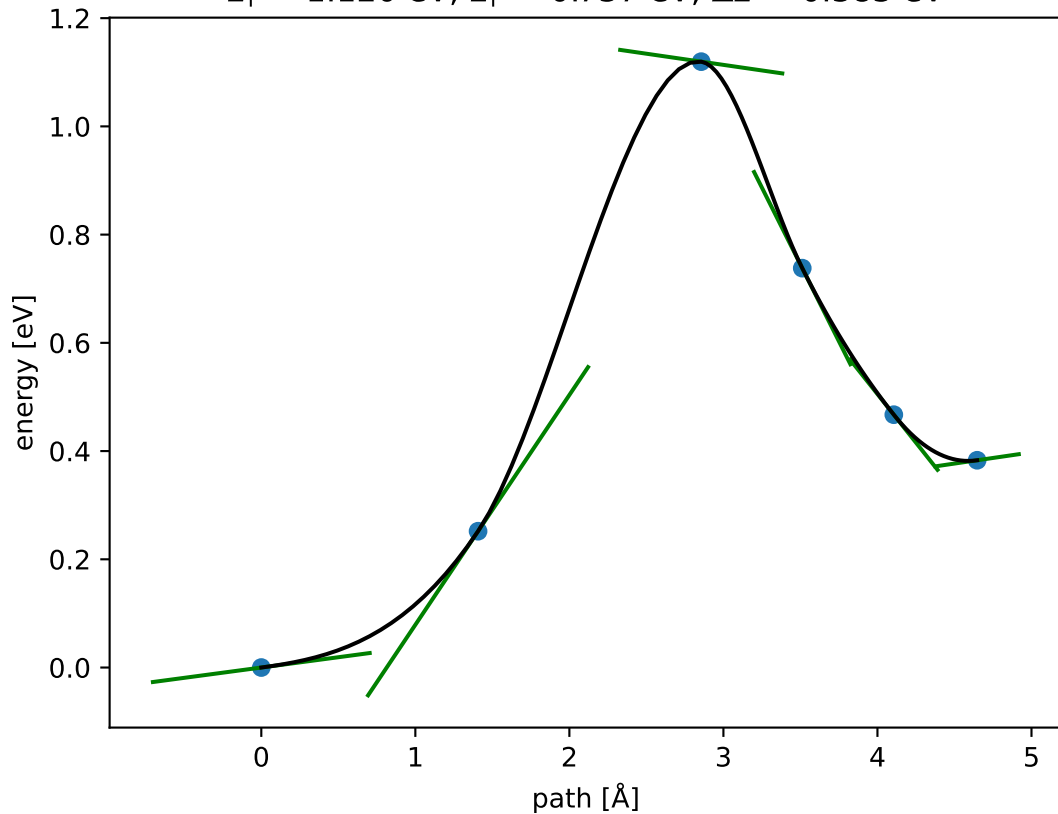
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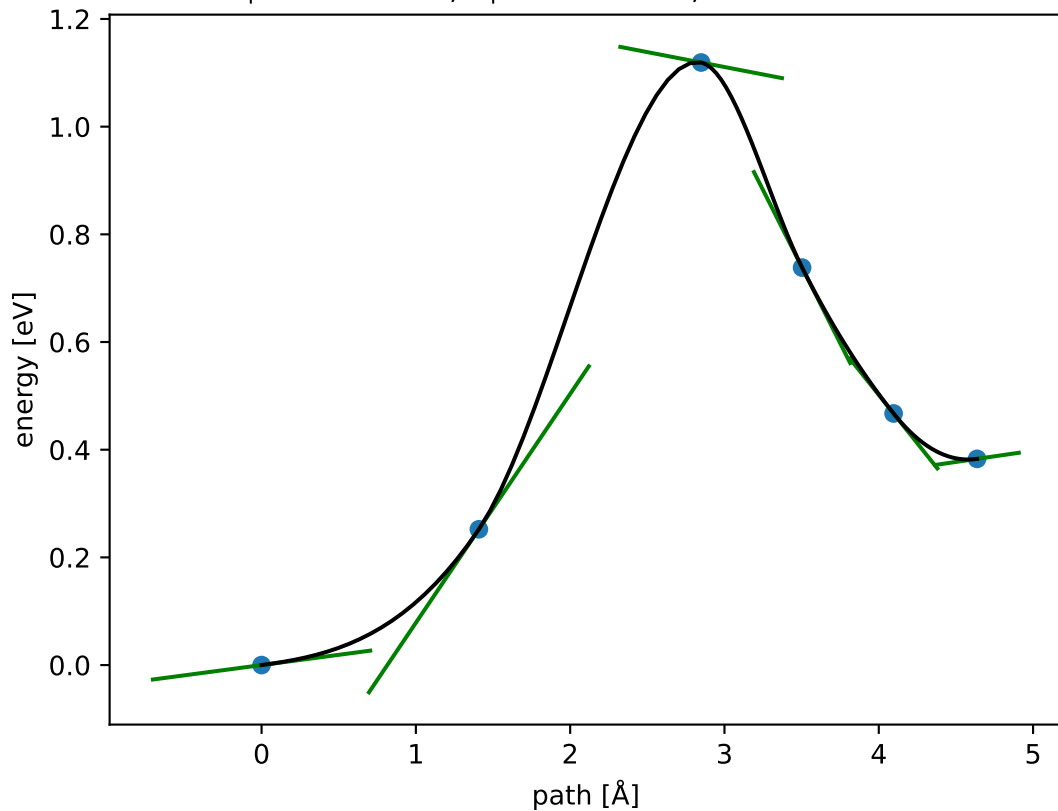
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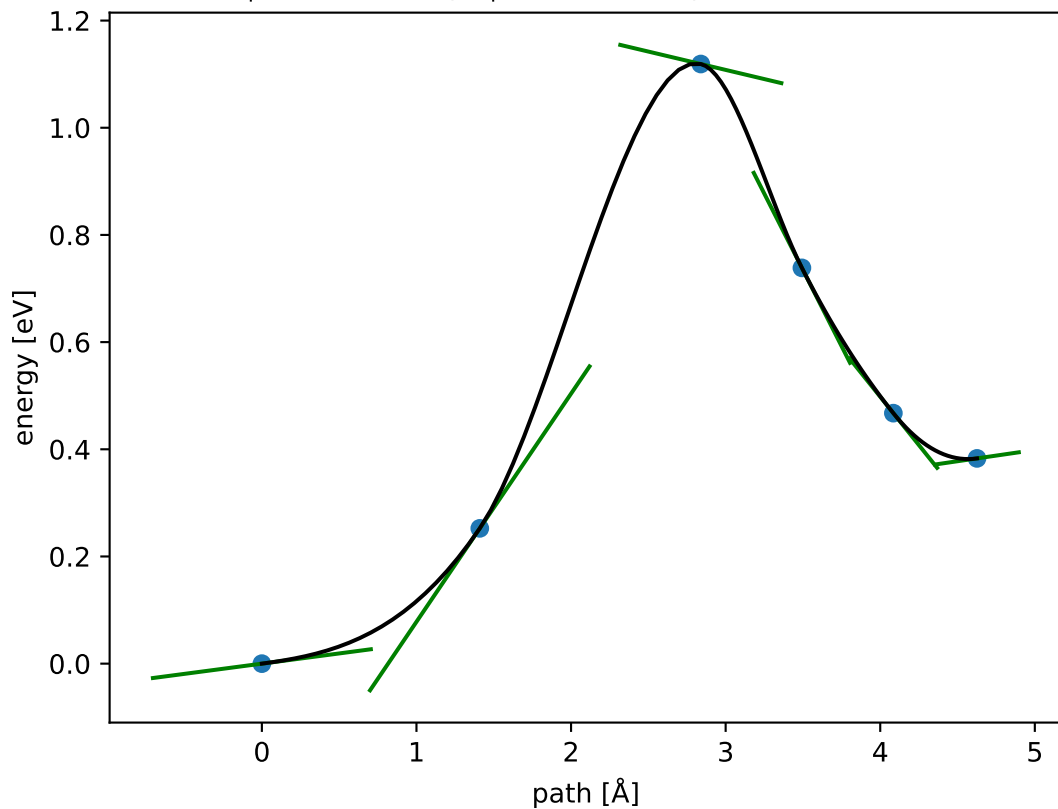
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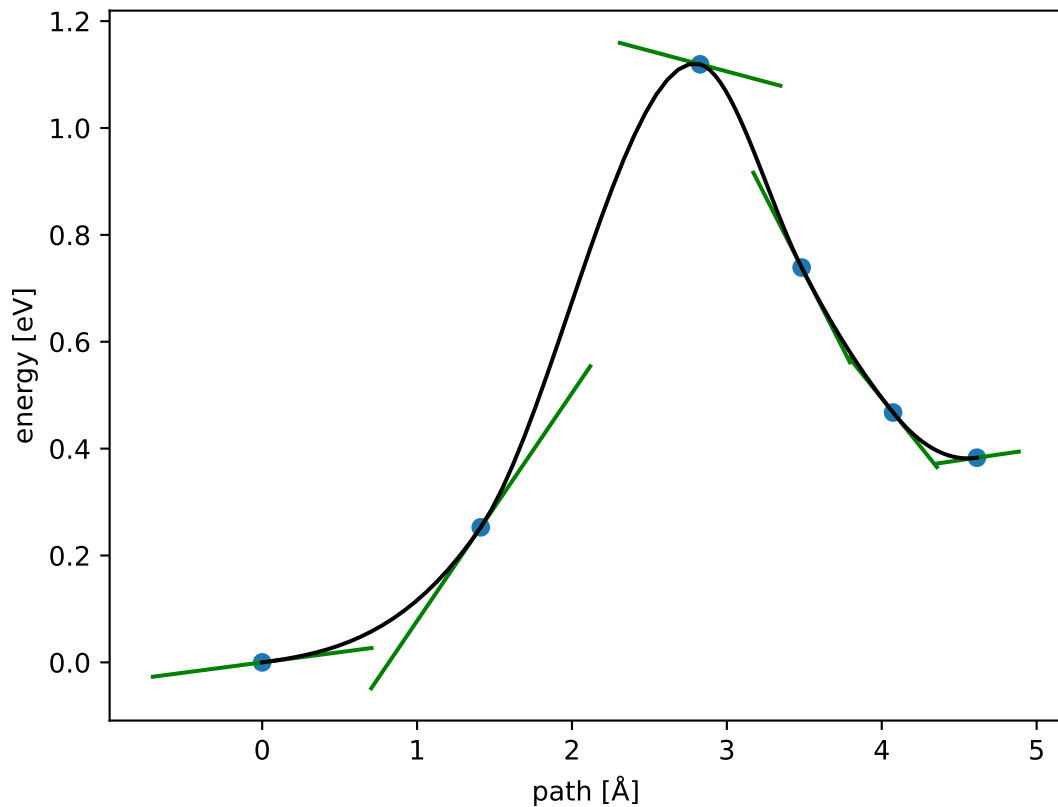
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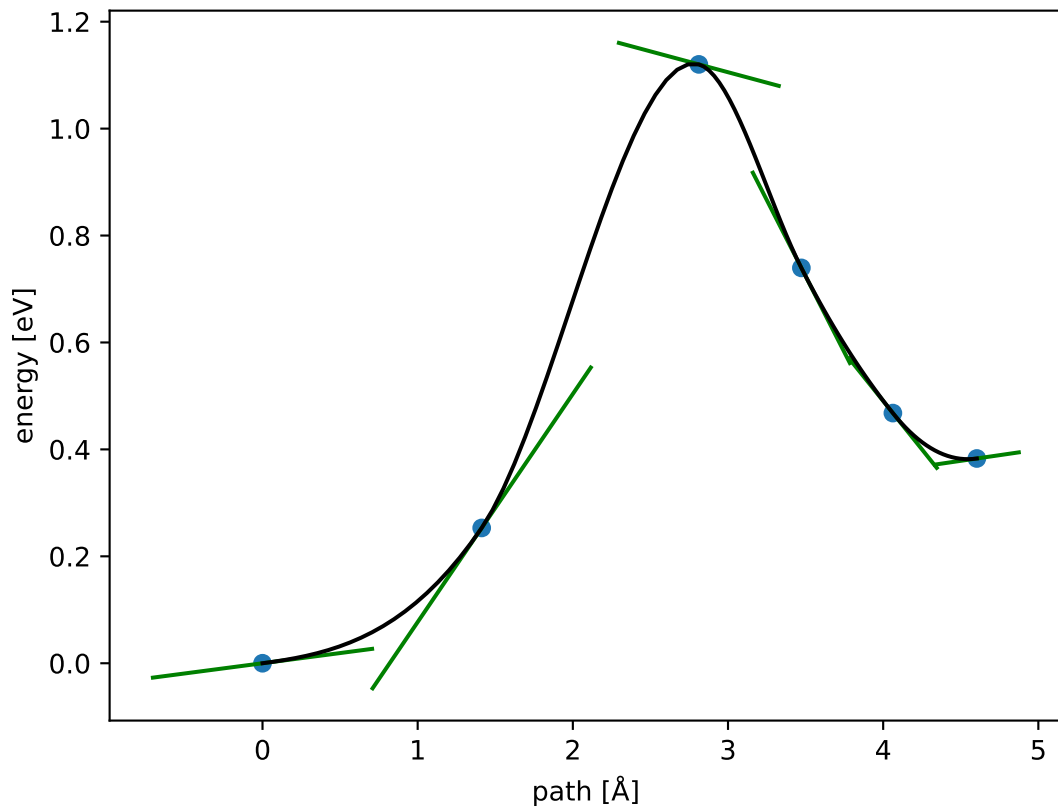
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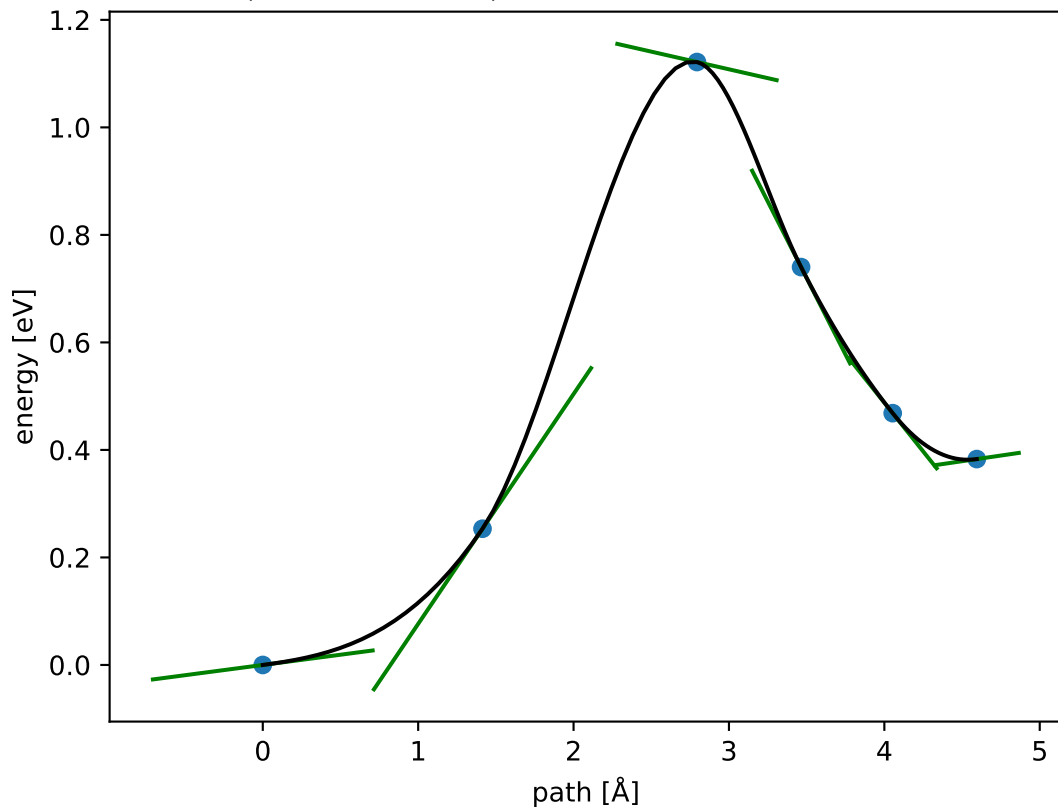
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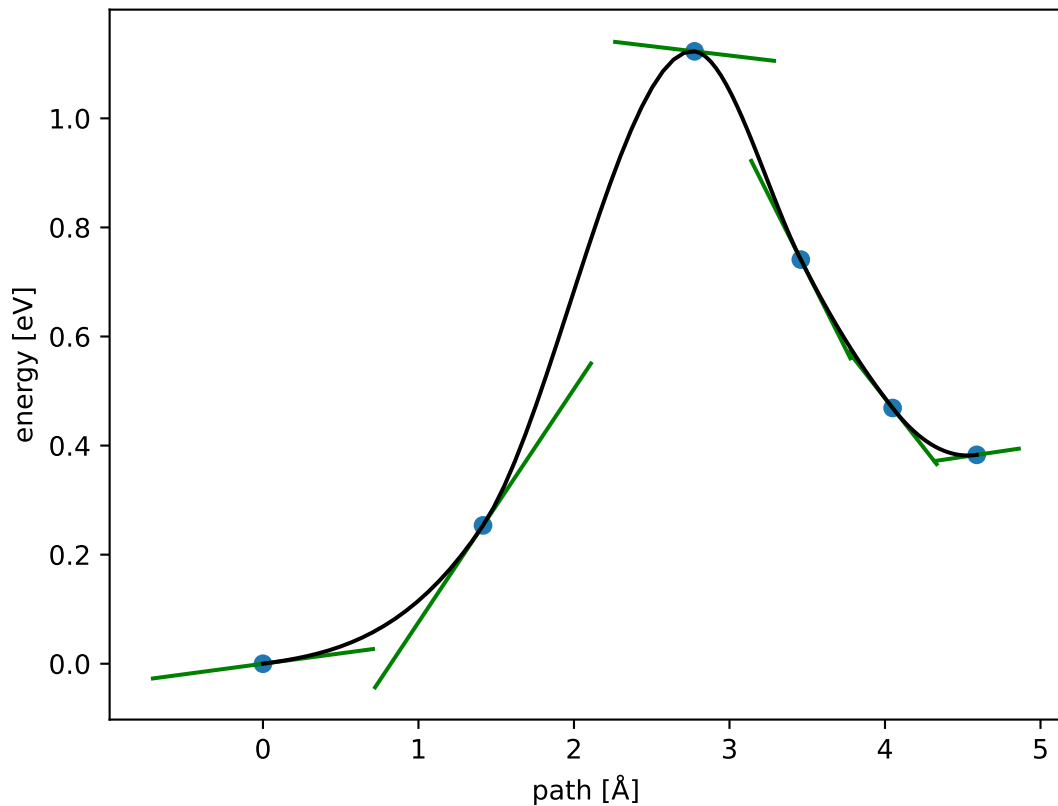
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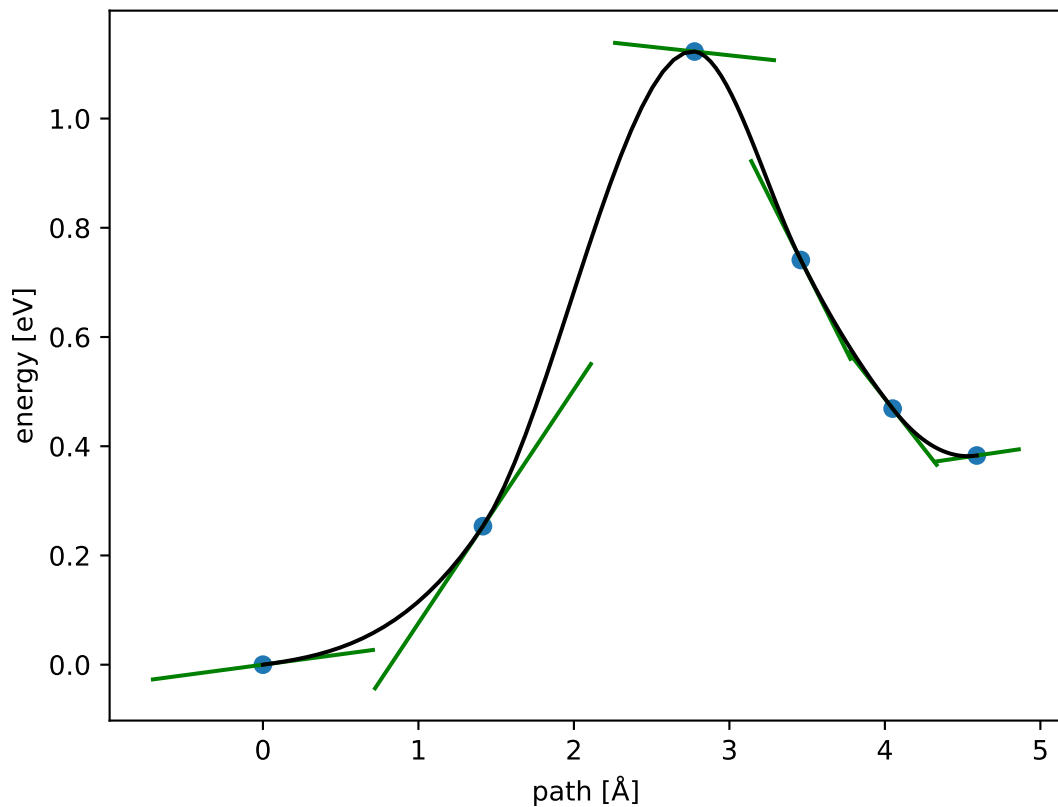
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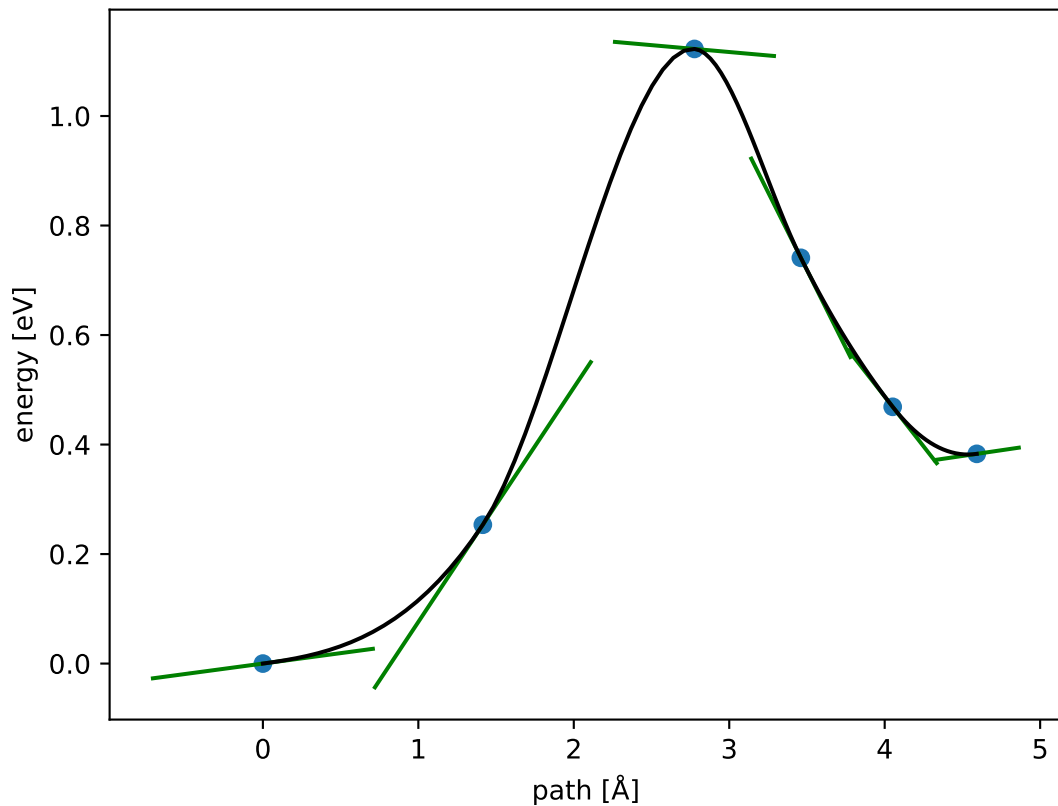
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



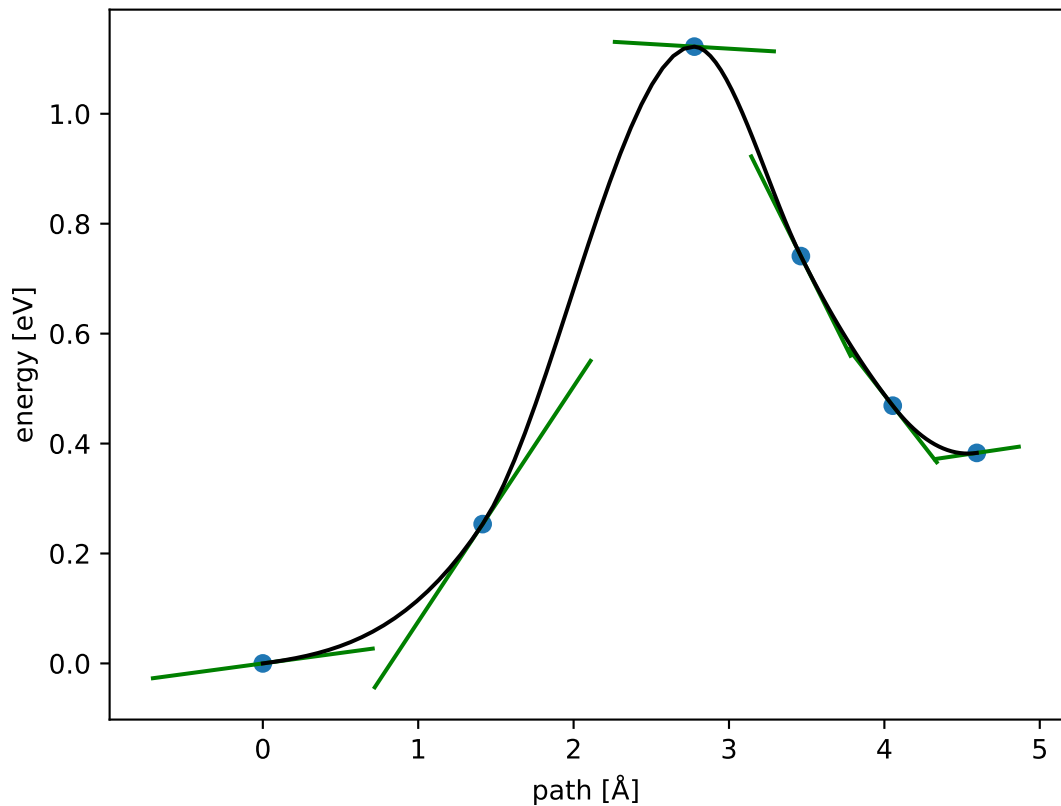
$$E_f \approx 1.123 \text{ eV}; E_r \approx 0.740 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



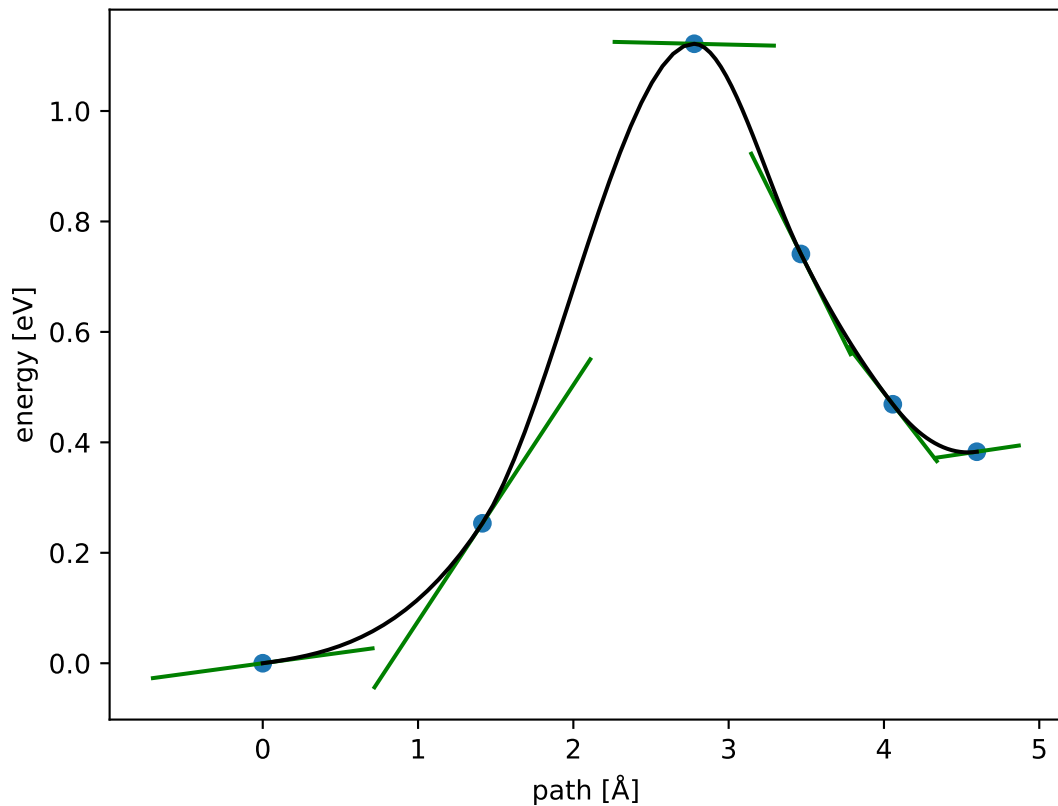
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



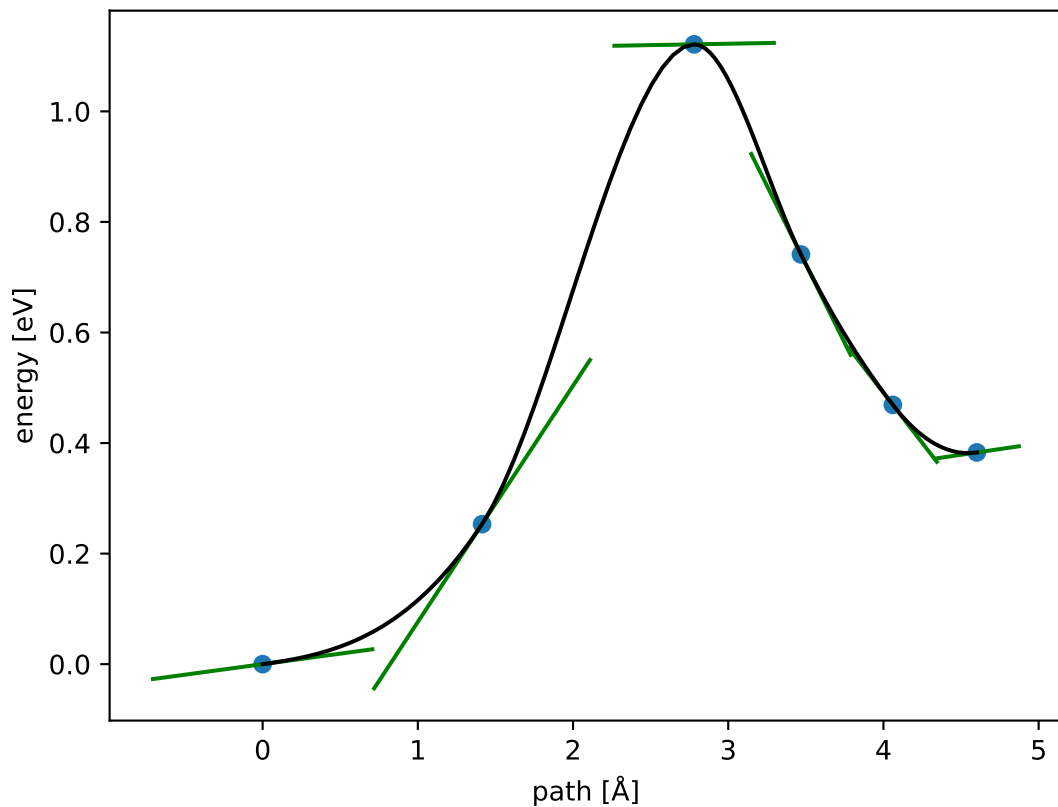
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



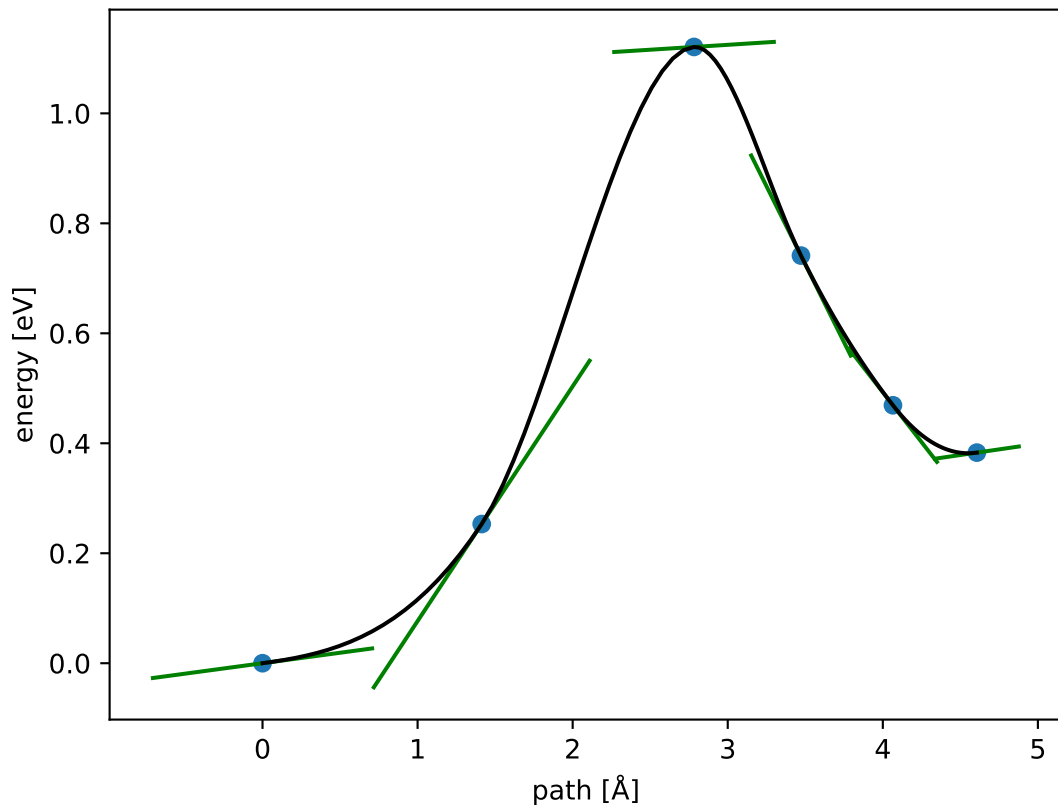
$$E_f \approx 1.122 \text{ eV}; E_r \approx 0.739 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



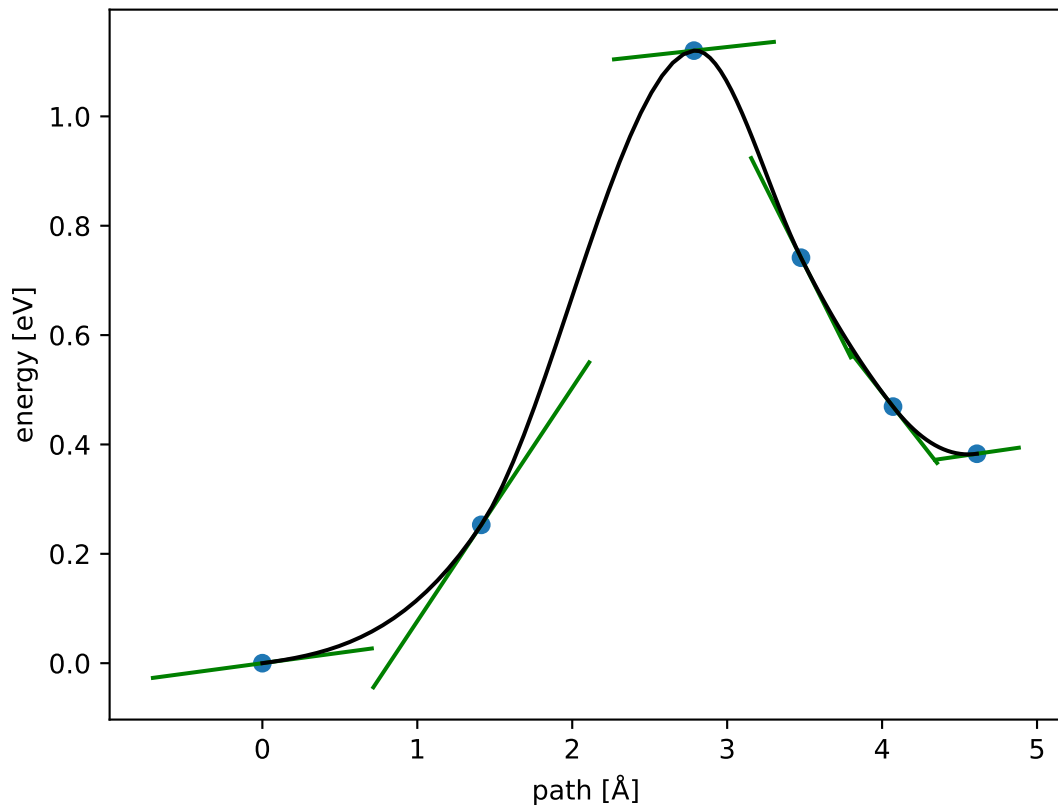
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



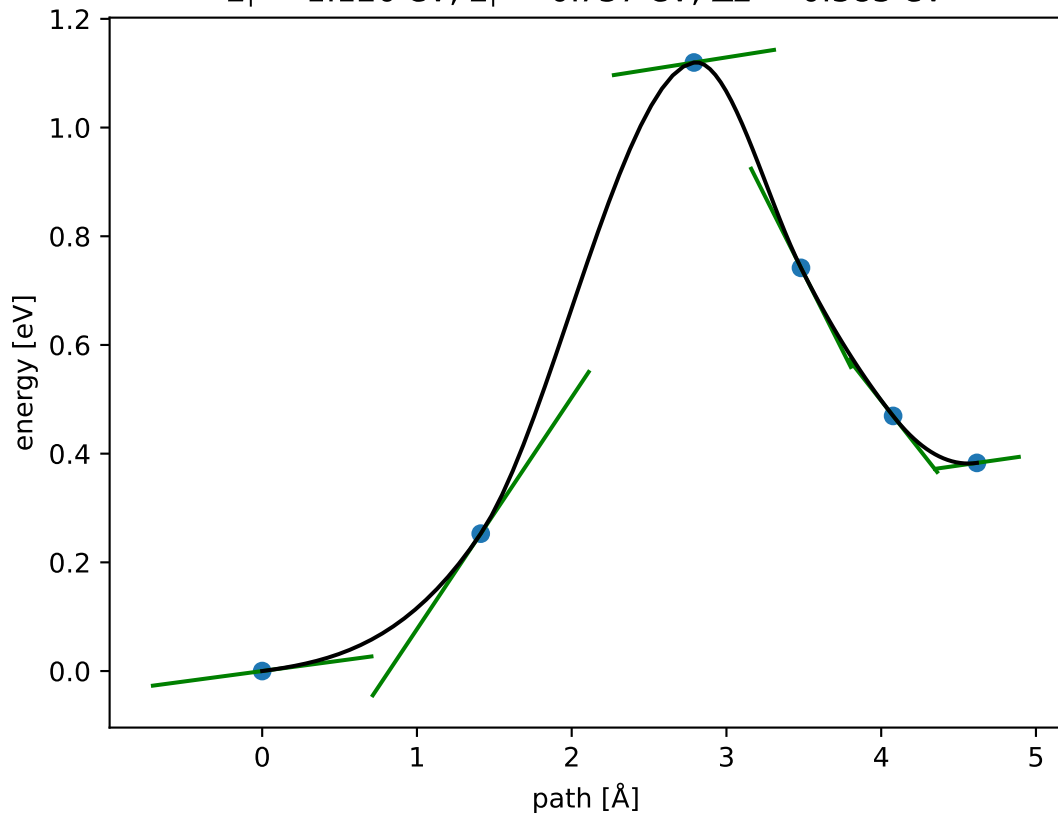
$$E_f \approx 1.121 \text{ eV}; E_r \approx 0.738 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



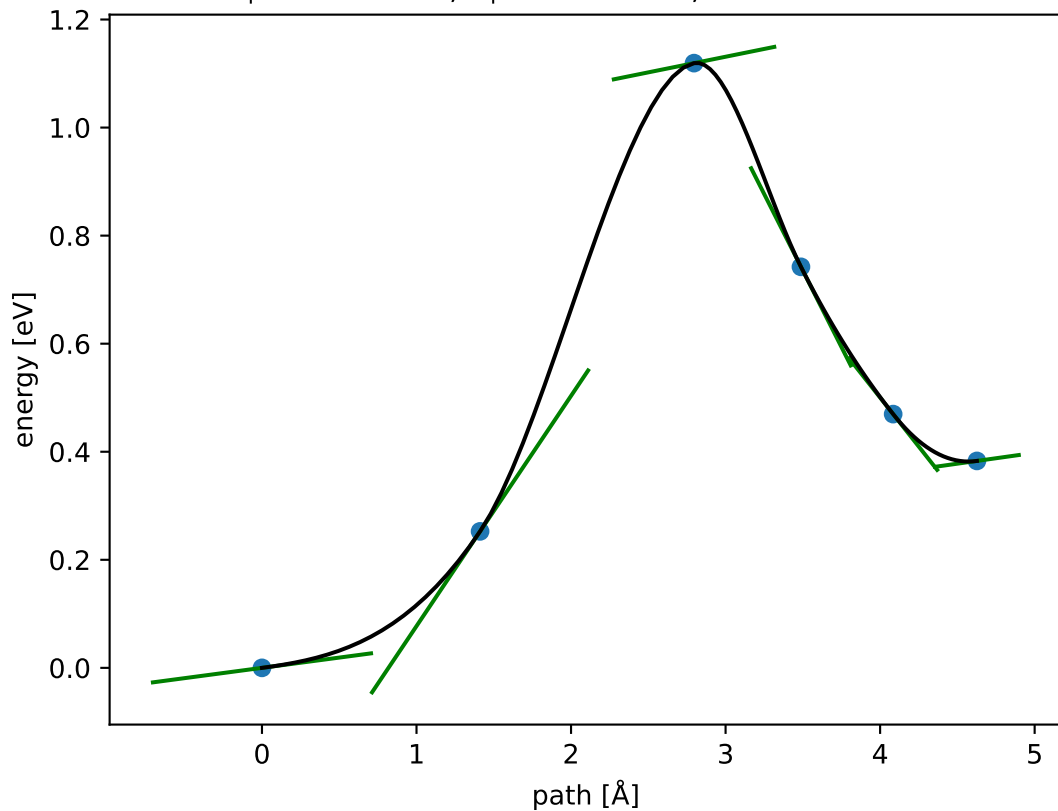
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



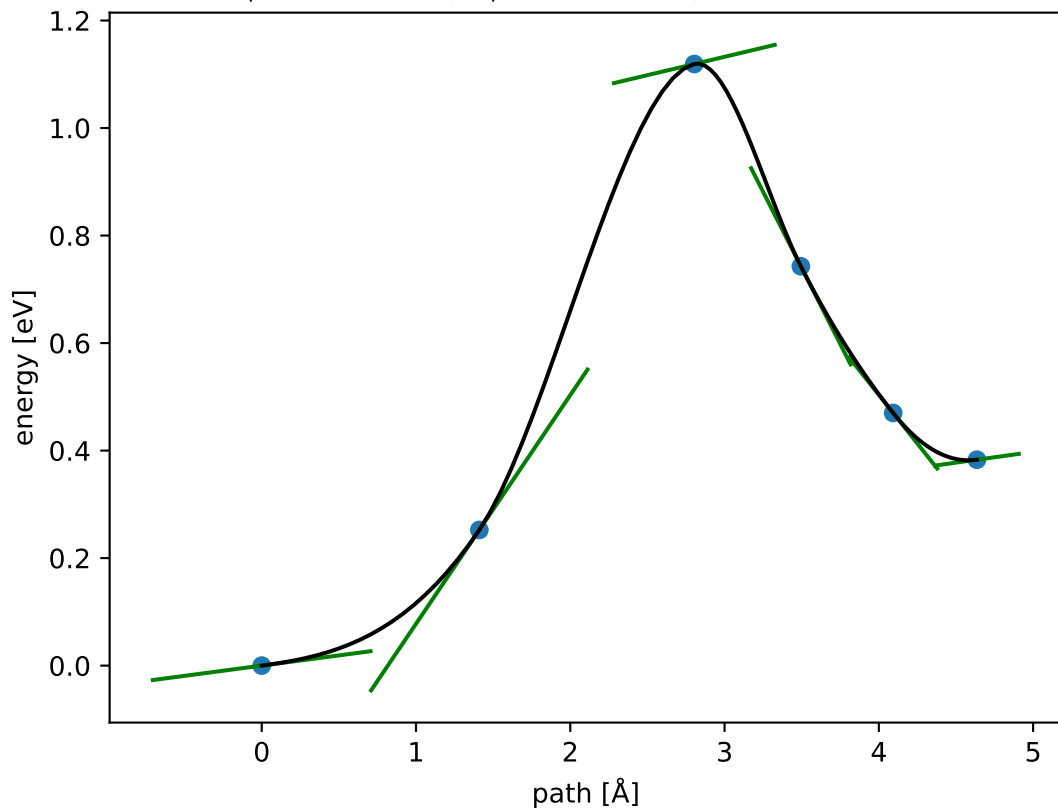
$$E_f \approx 1.120 \text{ eV}; E_r \approx 0.737 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



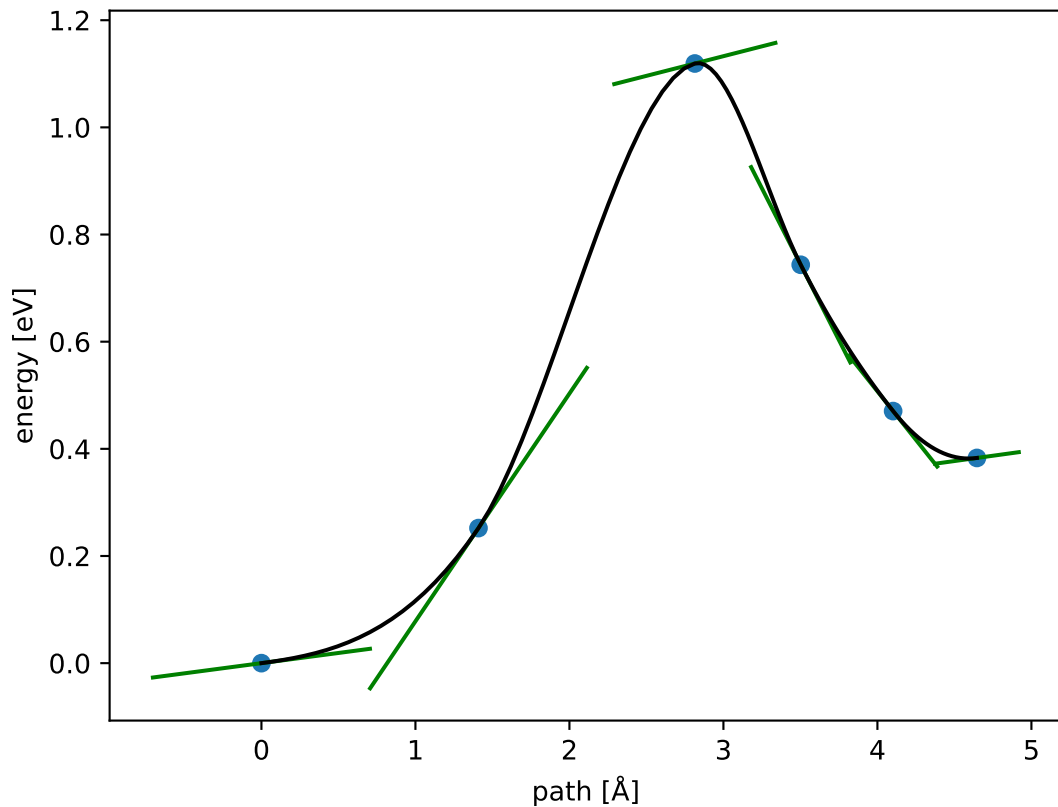
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



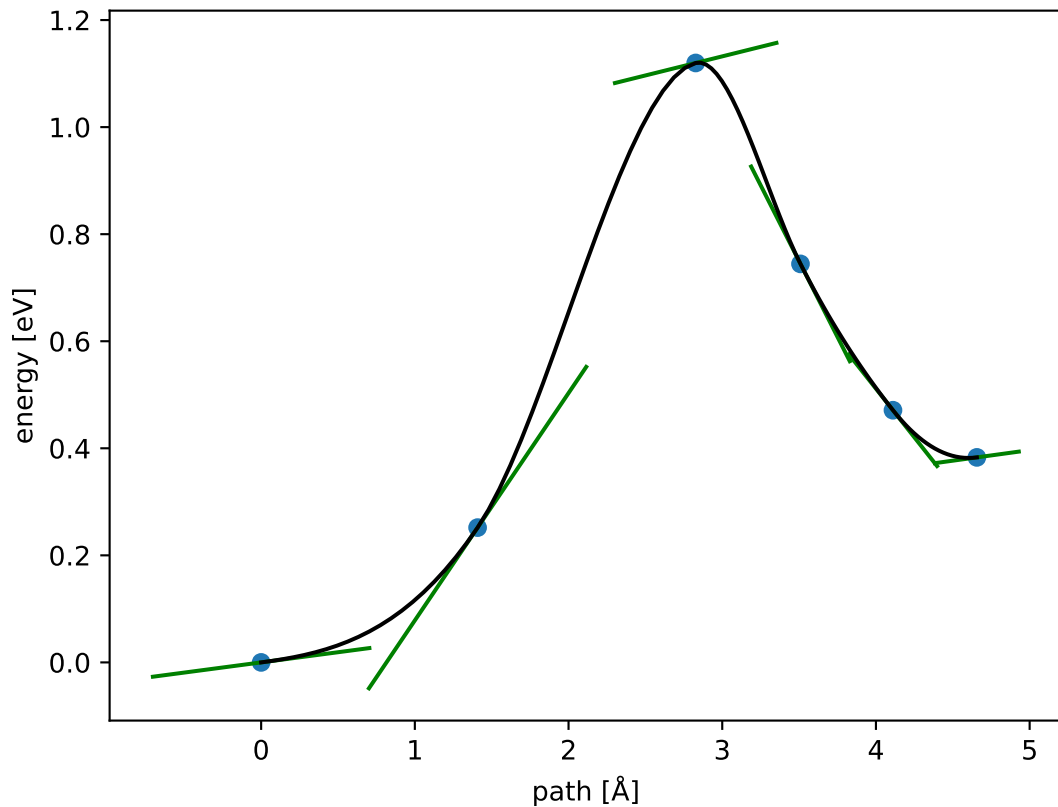
$$E_f \approx 1.119 \text{ eV}; E_r \approx 0.736 \text{ eV}; \Delta E = 0.383 \text{ eV}$$



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