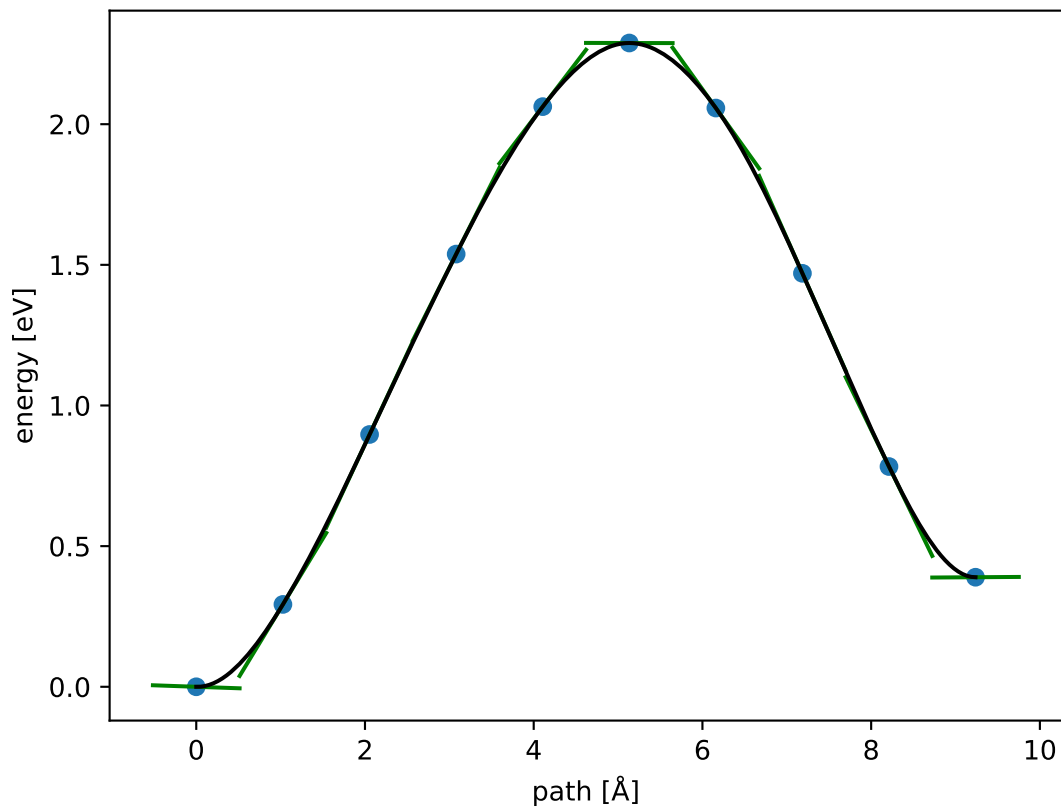
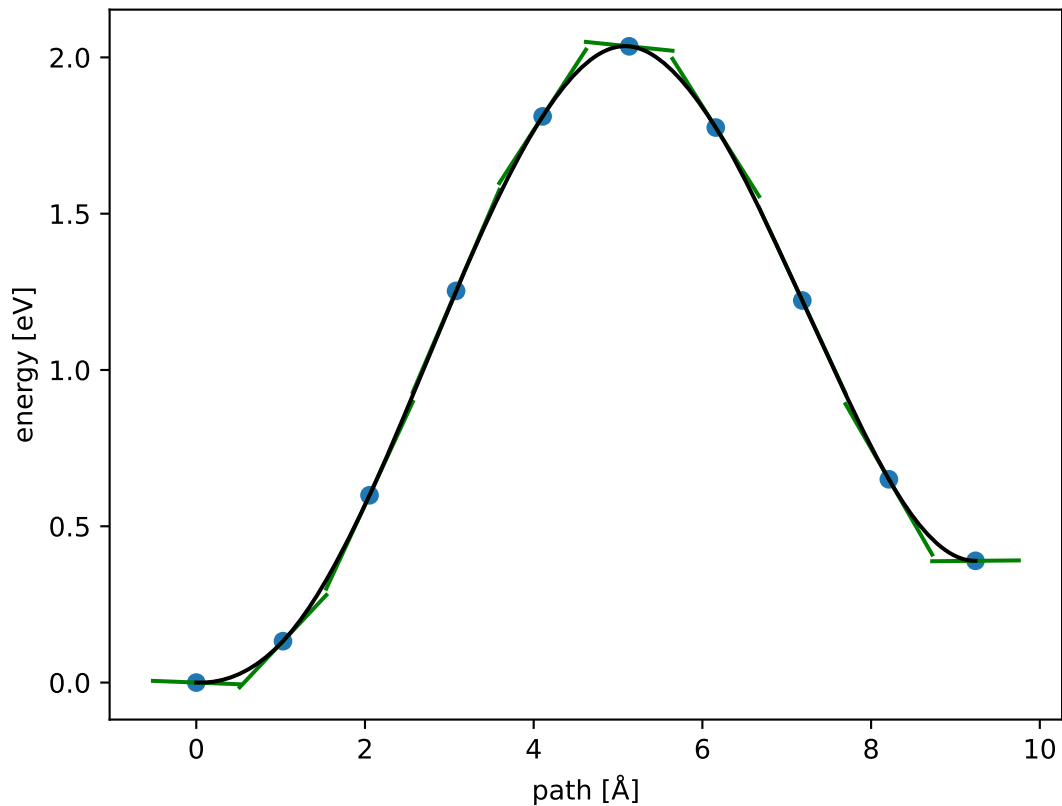


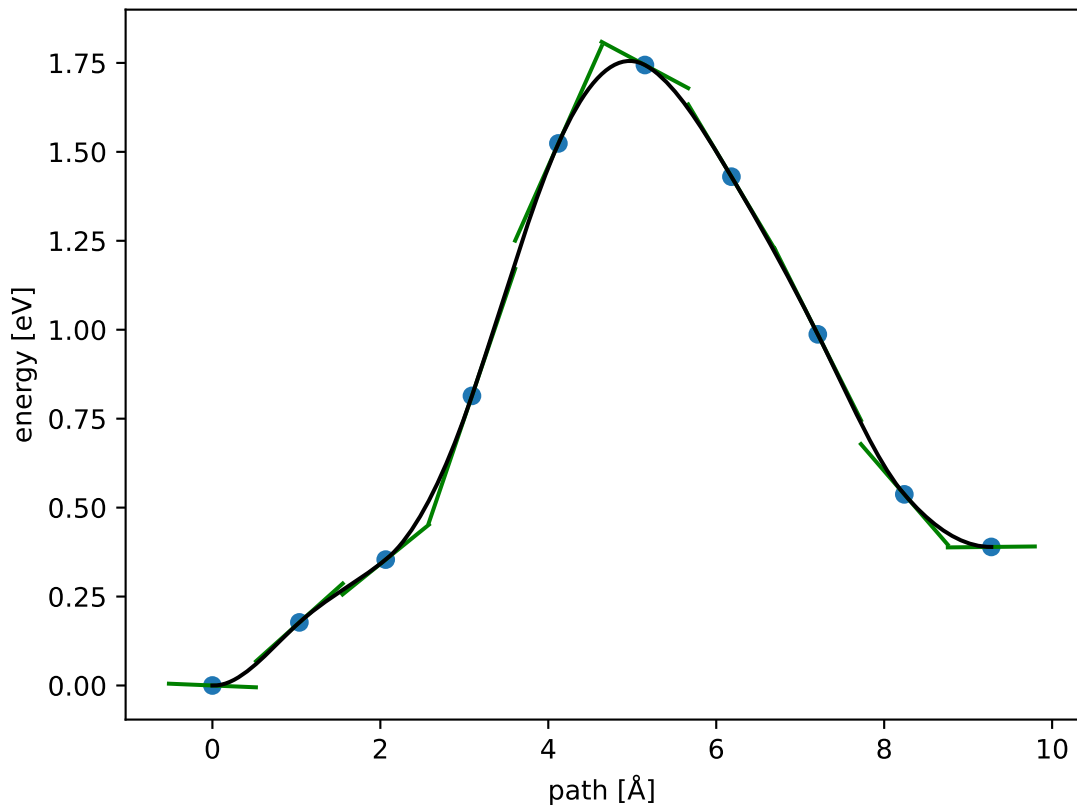
$$E_f \approx 2.289 \text{ eV}; E_r \approx 1.899 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



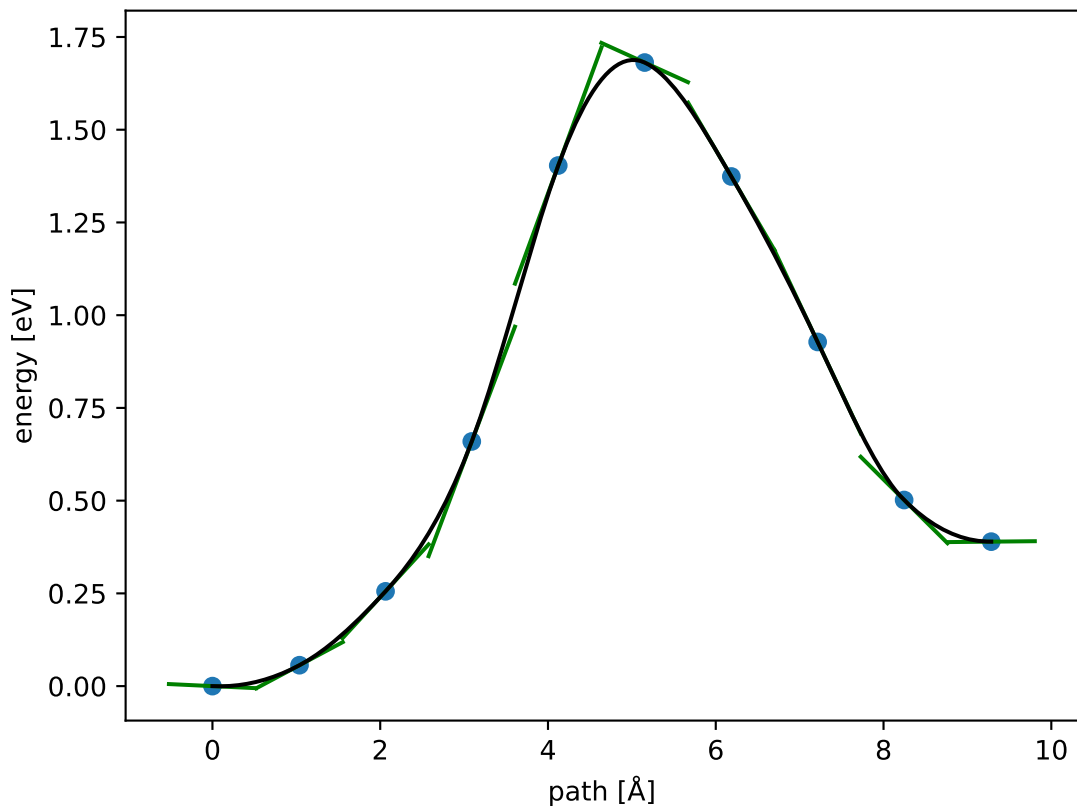
$$E_f \approx 2.035 \text{ eV}; E_r \approx 1.646 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



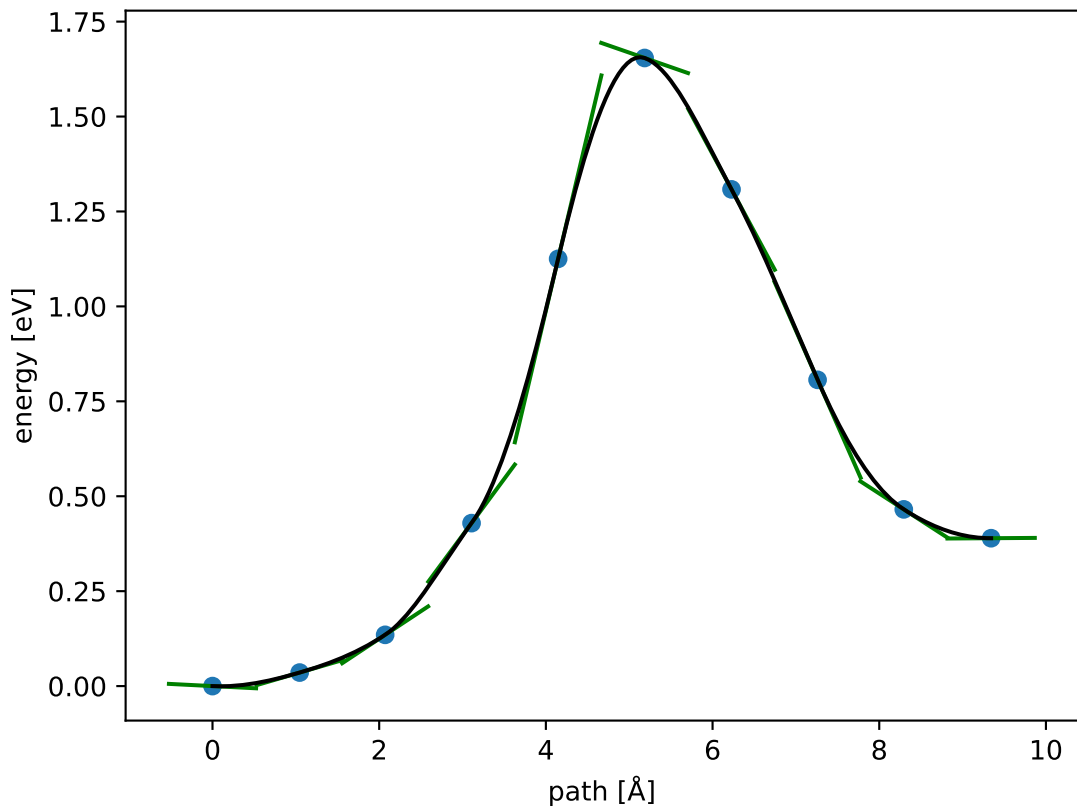
$$E_f \approx 1.744 \text{ eV}; E_r \approx 1.355 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



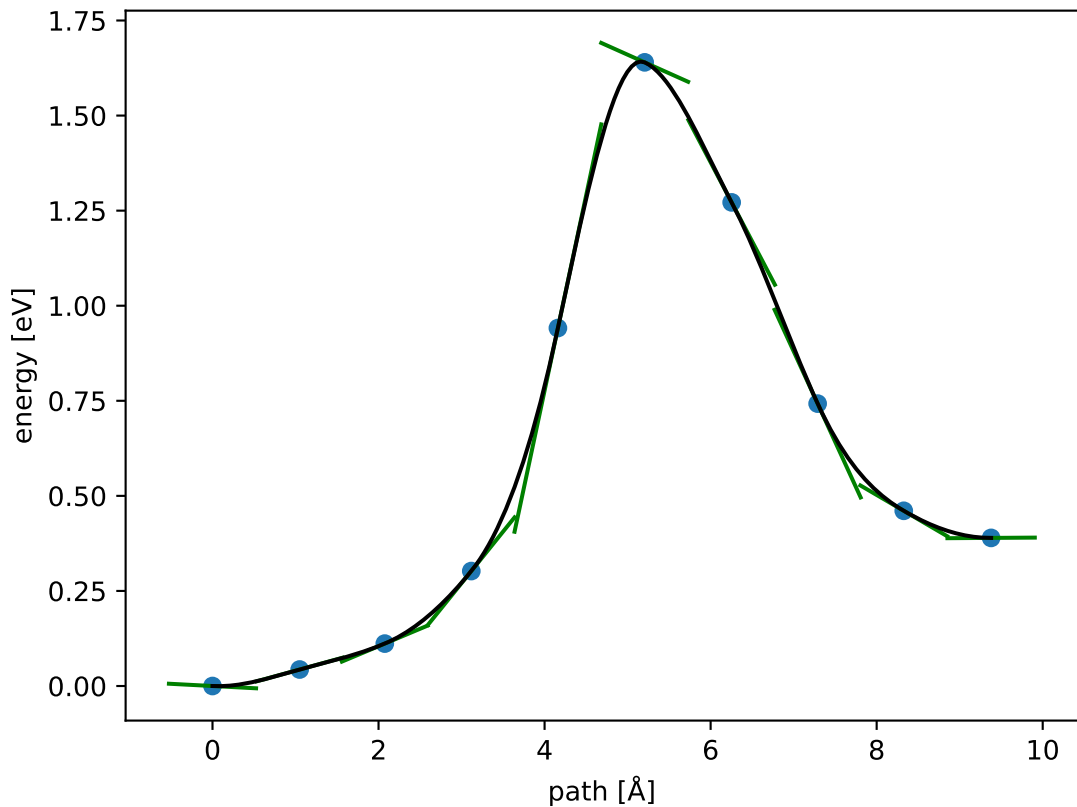
$$E_f \approx 1.681 \text{ eV}; E_r \approx 1.292 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



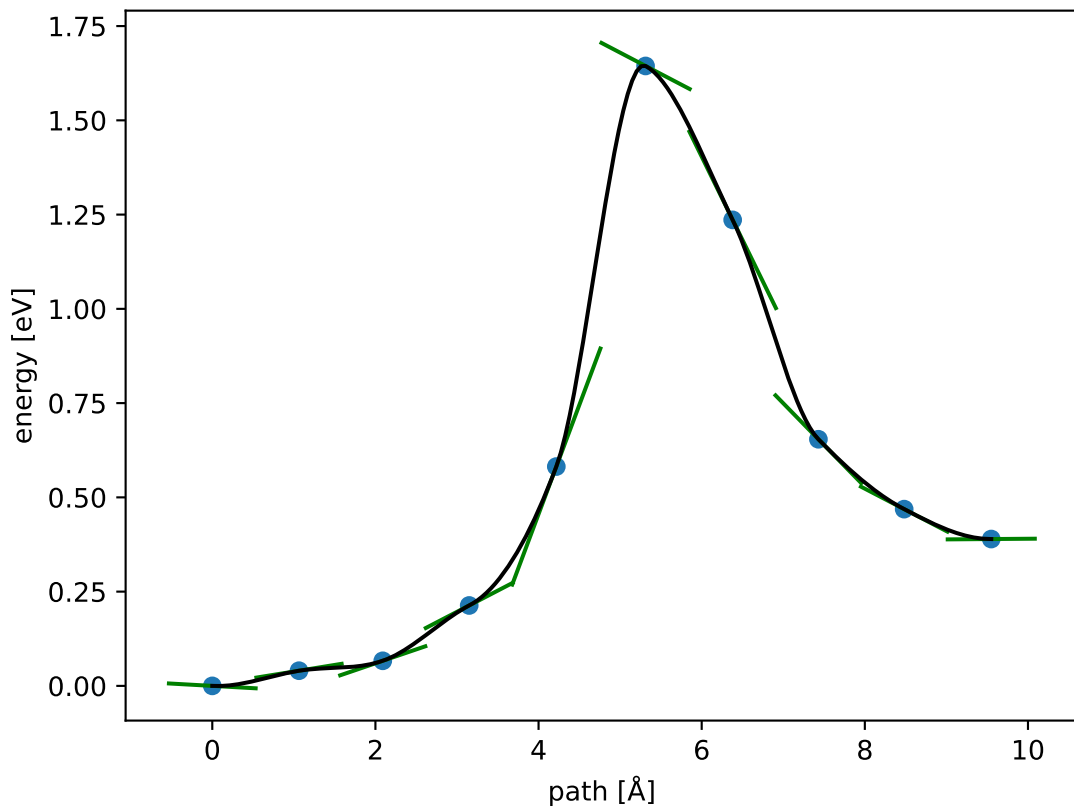
$$E_f \approx 1.654 \text{ eV}; E_r \approx 1.265 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



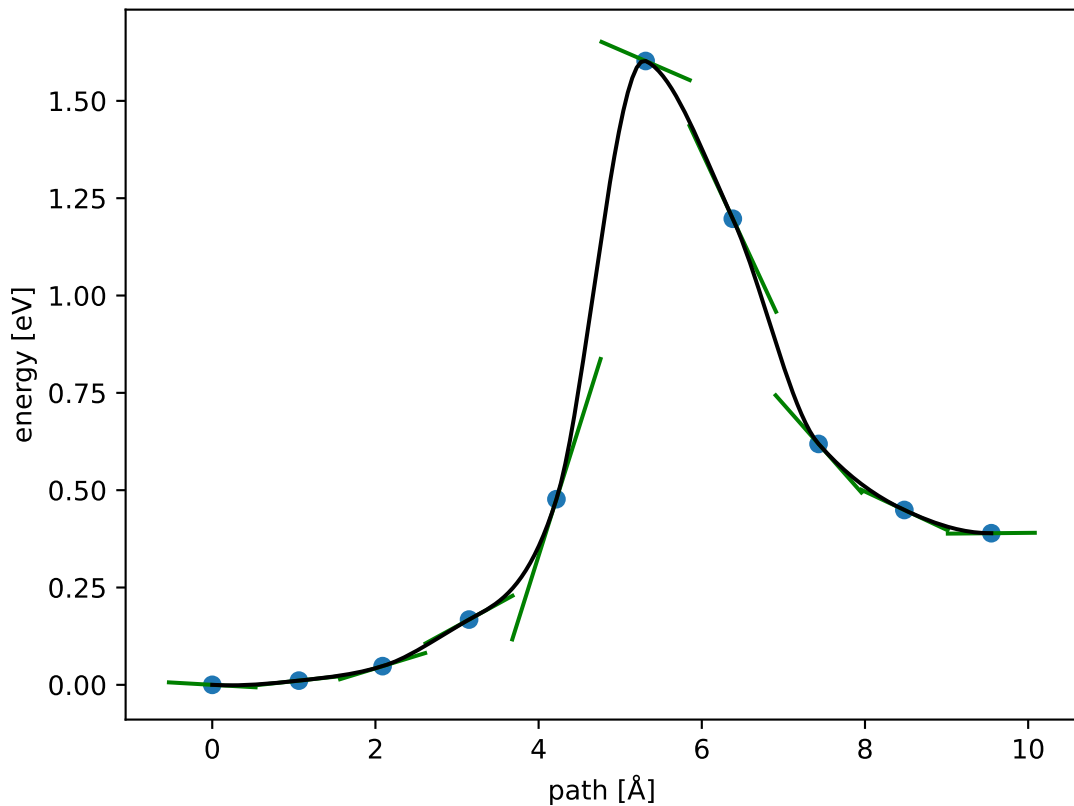
$$E_f \approx 1.640 \text{ eV}; E_r \approx 1.250 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.644 \text{ eV}; E_r \approx 1.255 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

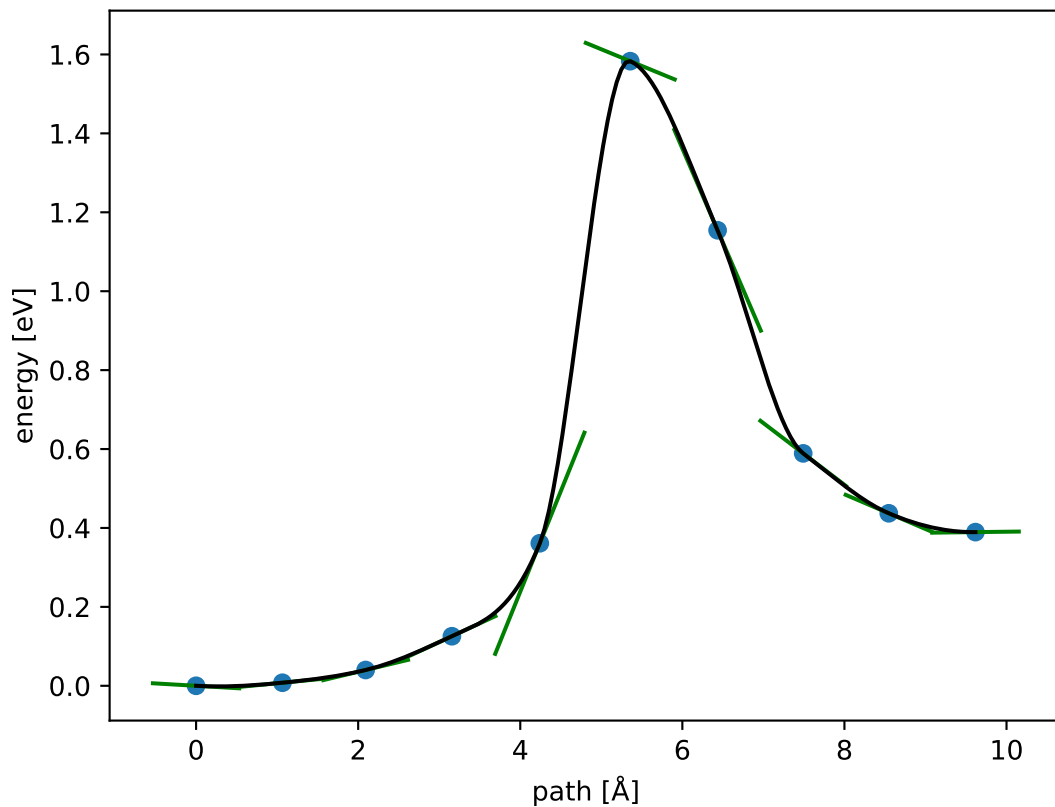


$$E_f \approx 1.602 \text{ eV}; E_r \approx 1.213 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

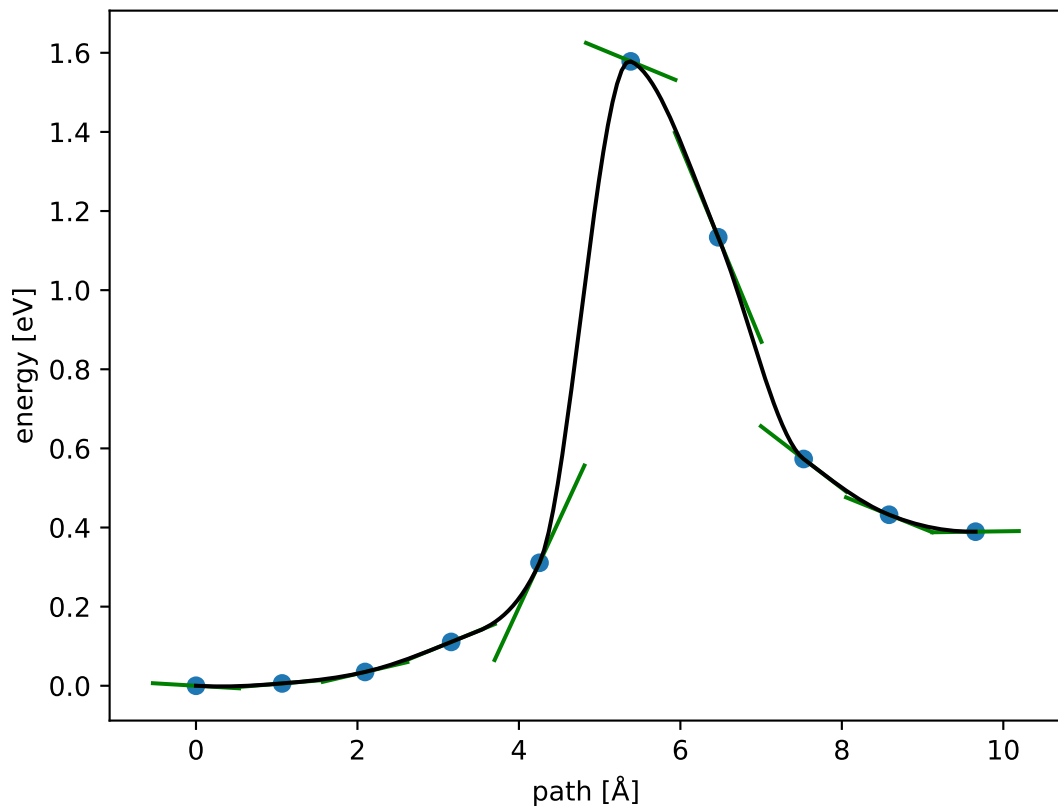




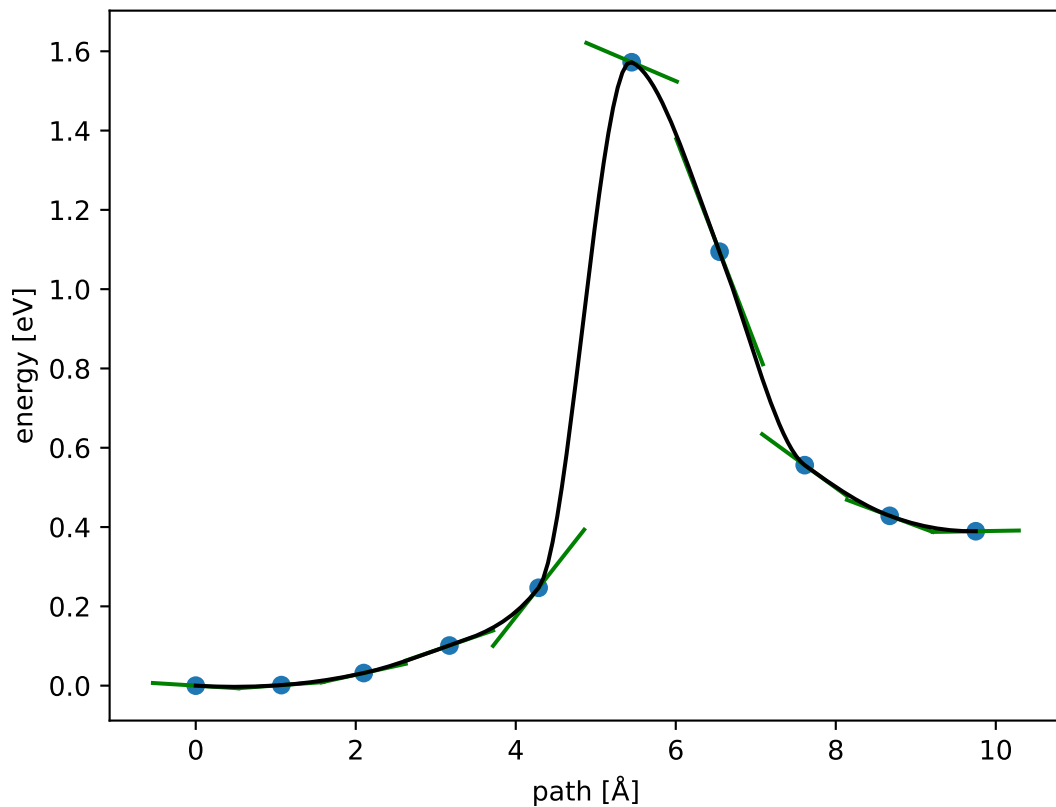
$$E_f \approx 1.583 \text{ eV}; E_r \approx 1.193 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



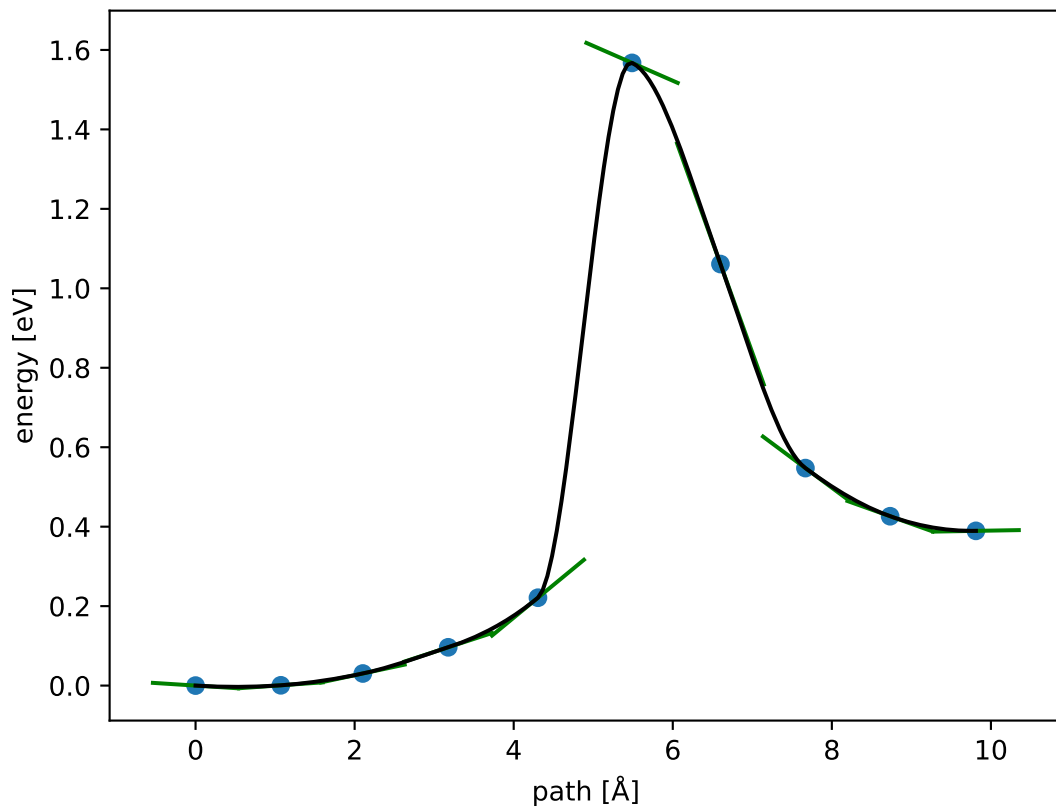
$$E_f \approx 1.578 \text{ eV}; E_r \approx 1.189 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



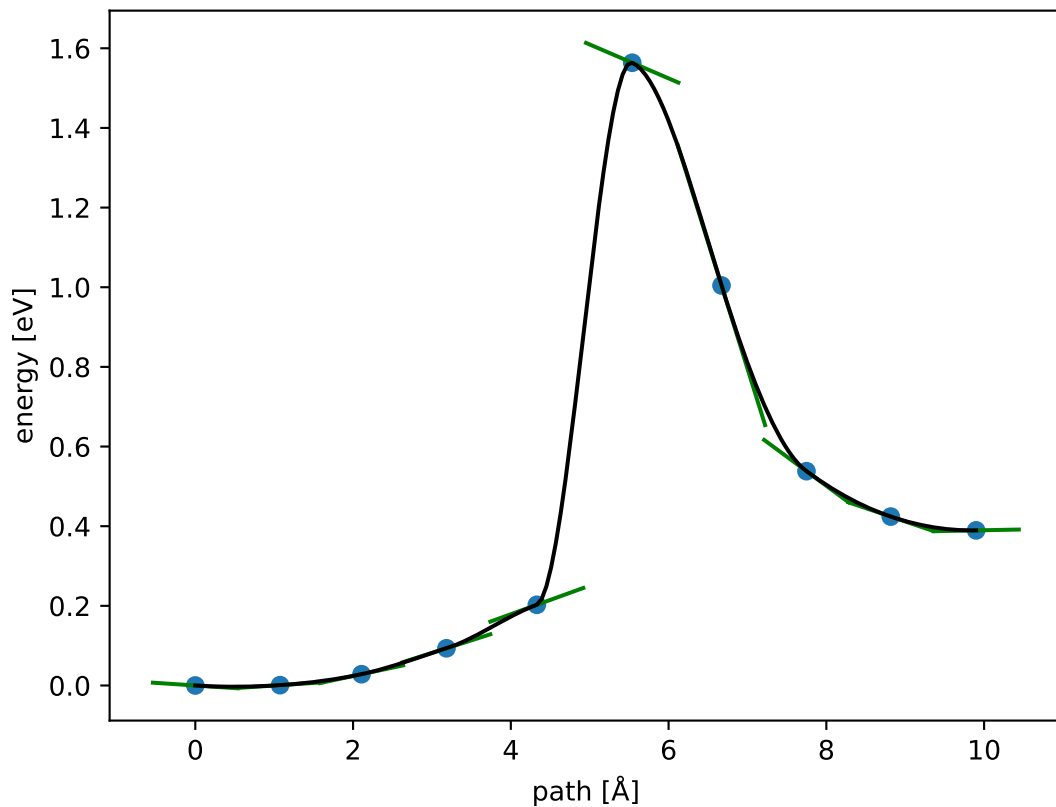
$$E_f \approx 1.572 \text{ eV}; E_r \approx 1.183 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



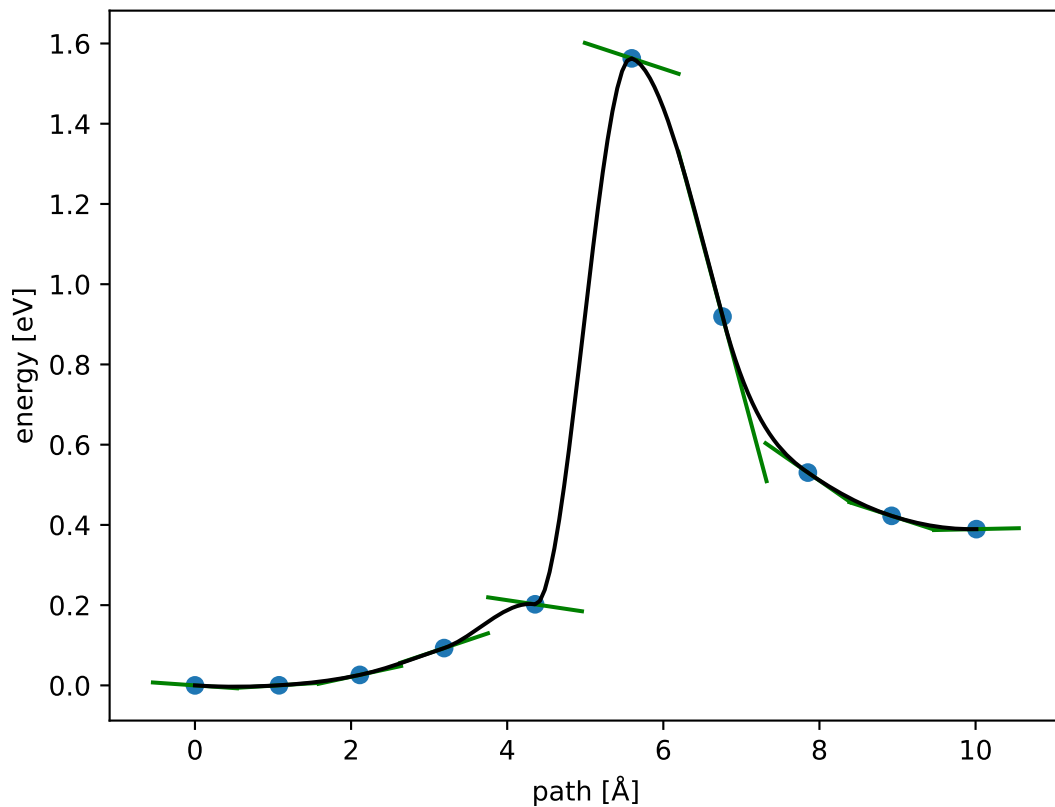
$$E_f \approx 1.567 \text{ eV}; E_r \approx 1.178 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



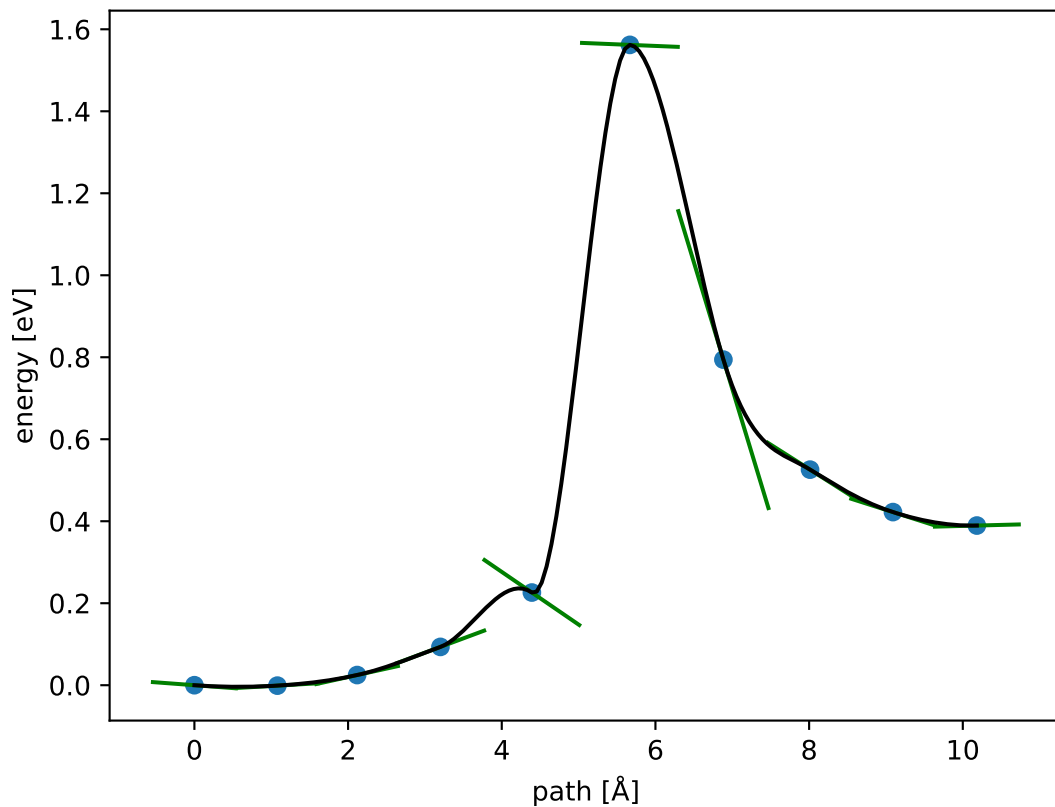
$$E_f \approx 1.564 \text{ eV}; E_r \approx 1.174 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



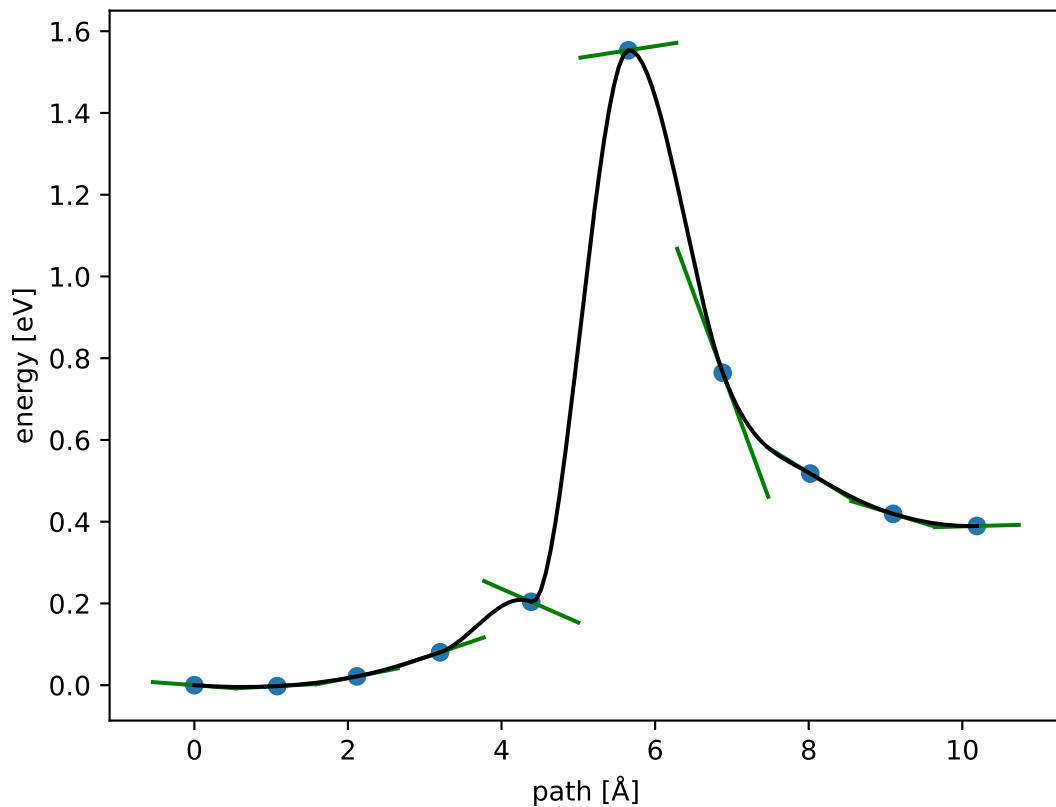
$$E_f \approx 1.563 \text{ eV}; E_r \approx 1.173 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.562 \text{ eV}; E_r \approx 1.172 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

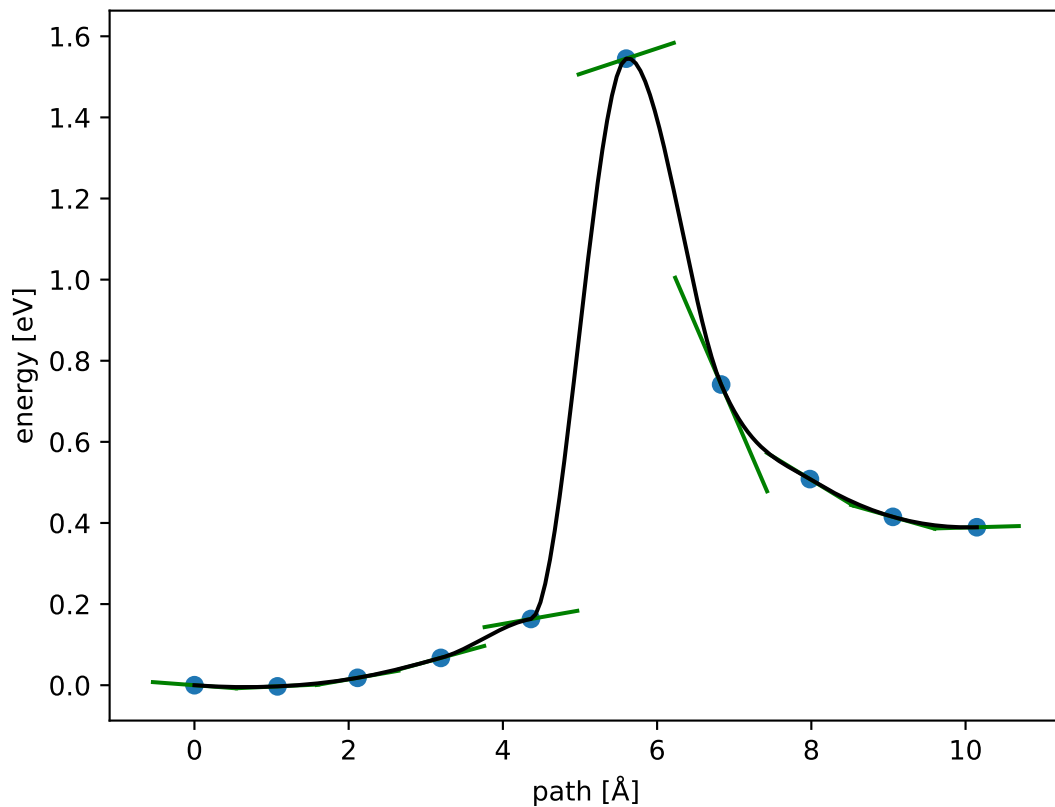


$$E_f \approx 1.553 \text{ eV}; E_r \approx 1.164 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

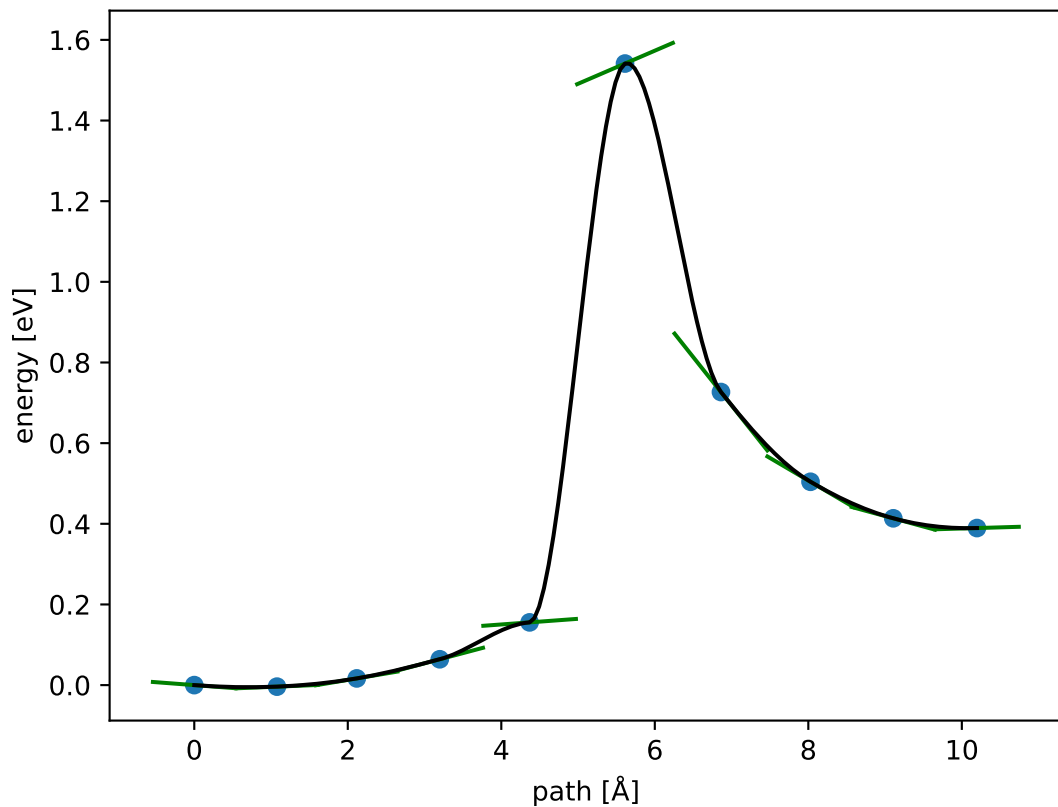




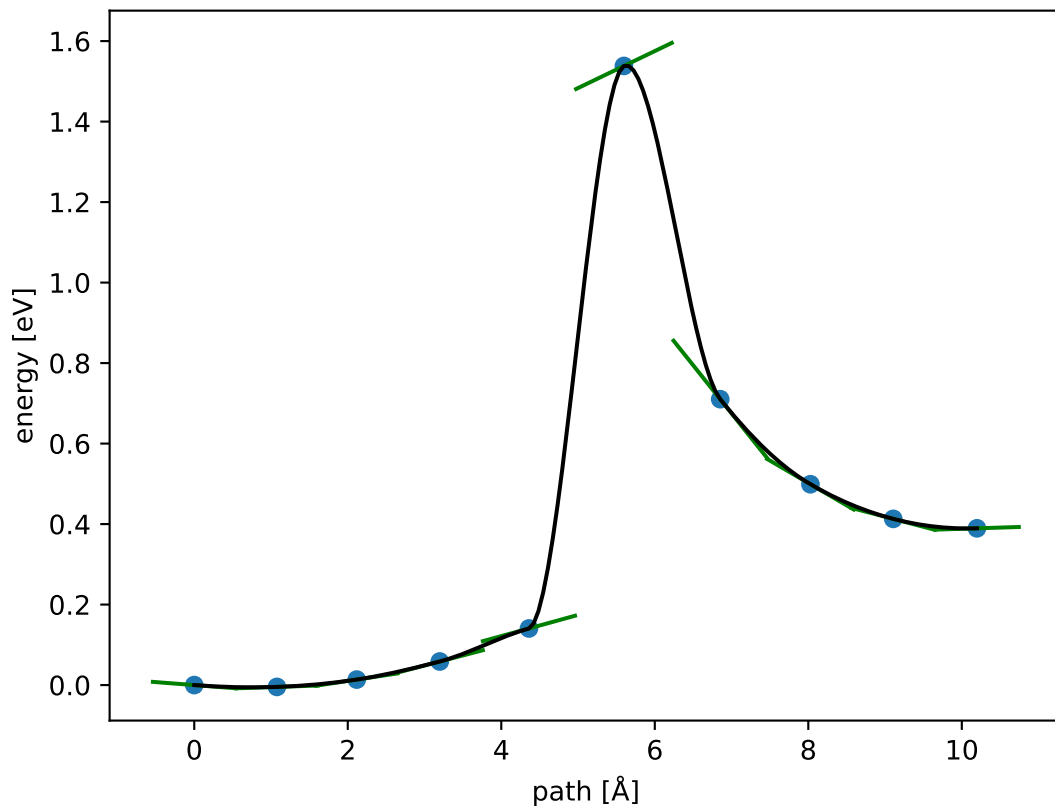
$$E_f \approx 1.545 \text{ eV}; E_r \approx 1.155 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



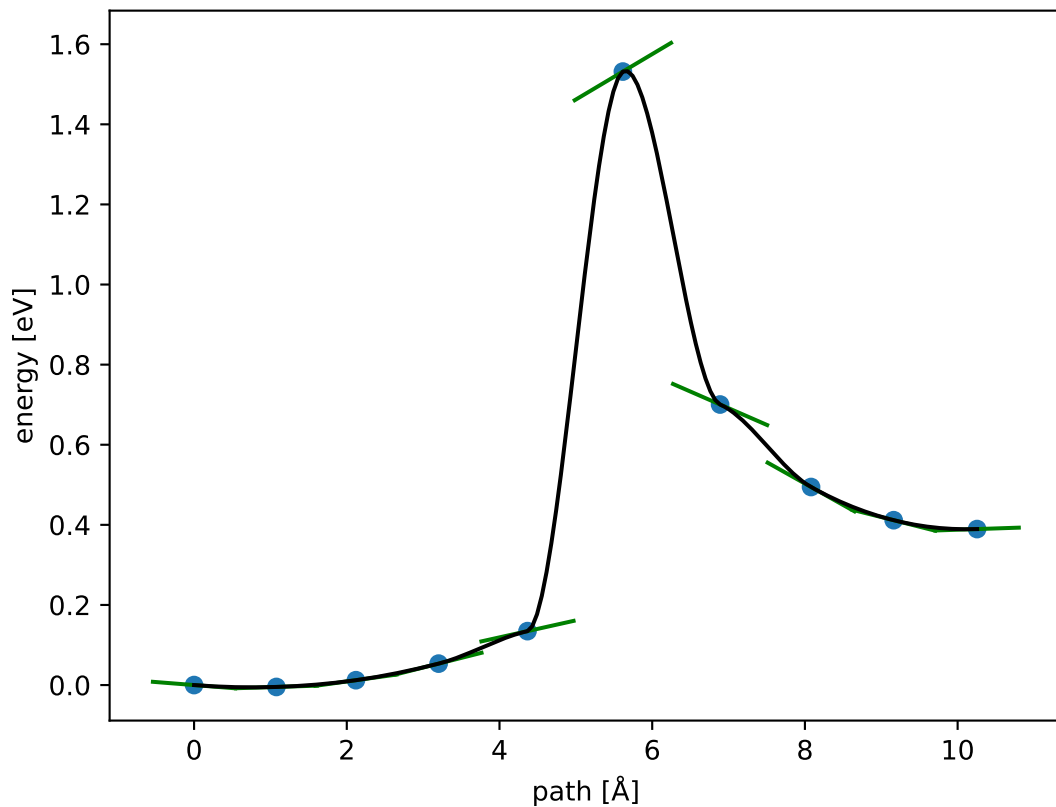
$$E_f \approx 1.541 \text{ eV}; E_r \approx 1.152 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



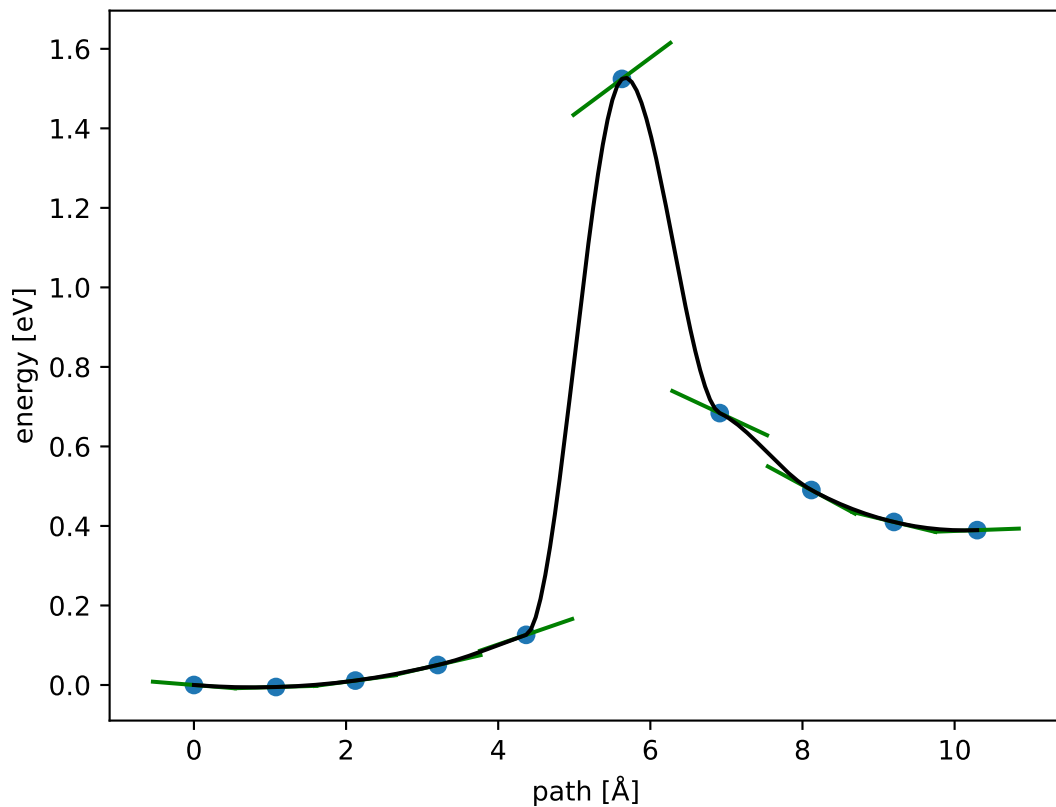
$$E_f \approx 1.538 \text{ eV}; E_r \approx 1.149 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



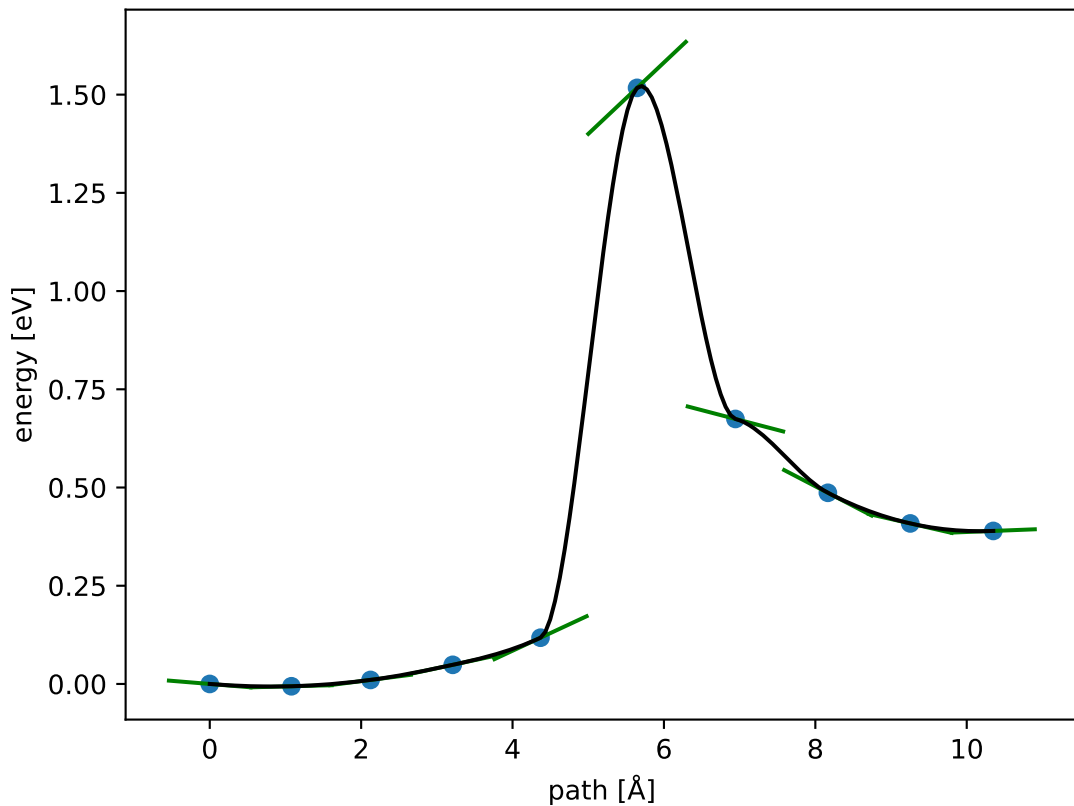
$$E_f \approx 1.532 \text{ eV}; E_r \approx 1.142 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



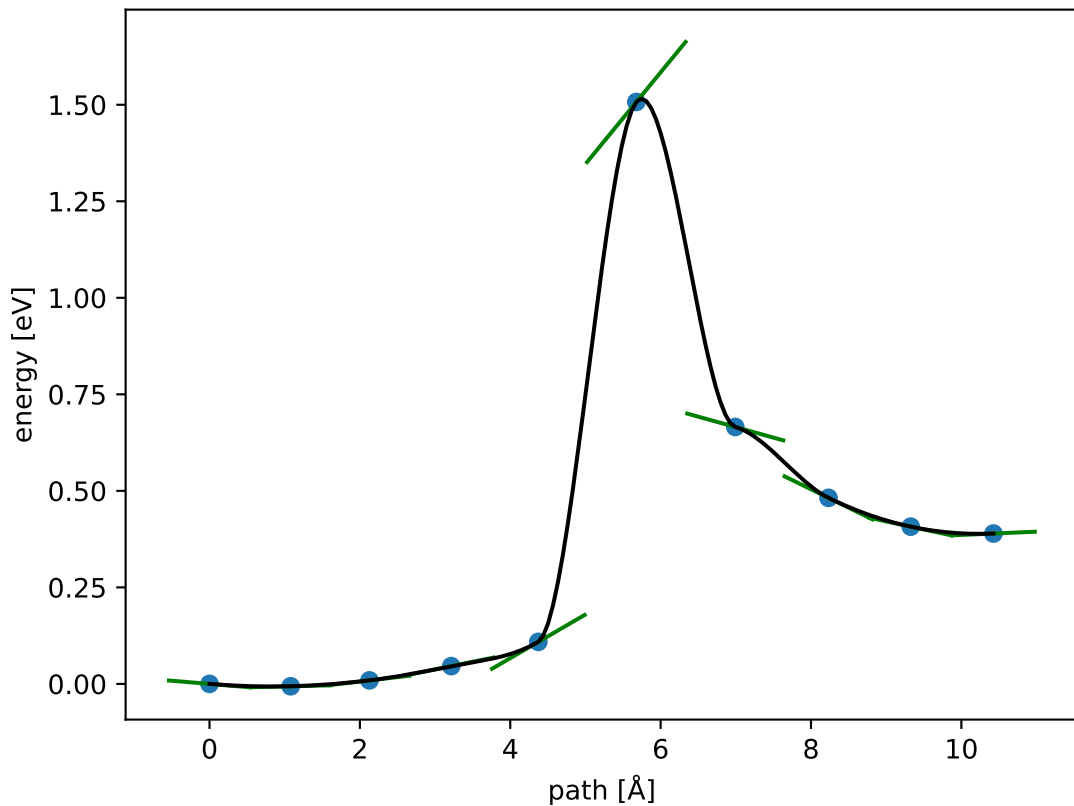
$$E_f \approx 1.524 \text{ eV}; E_r \approx 1.135 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



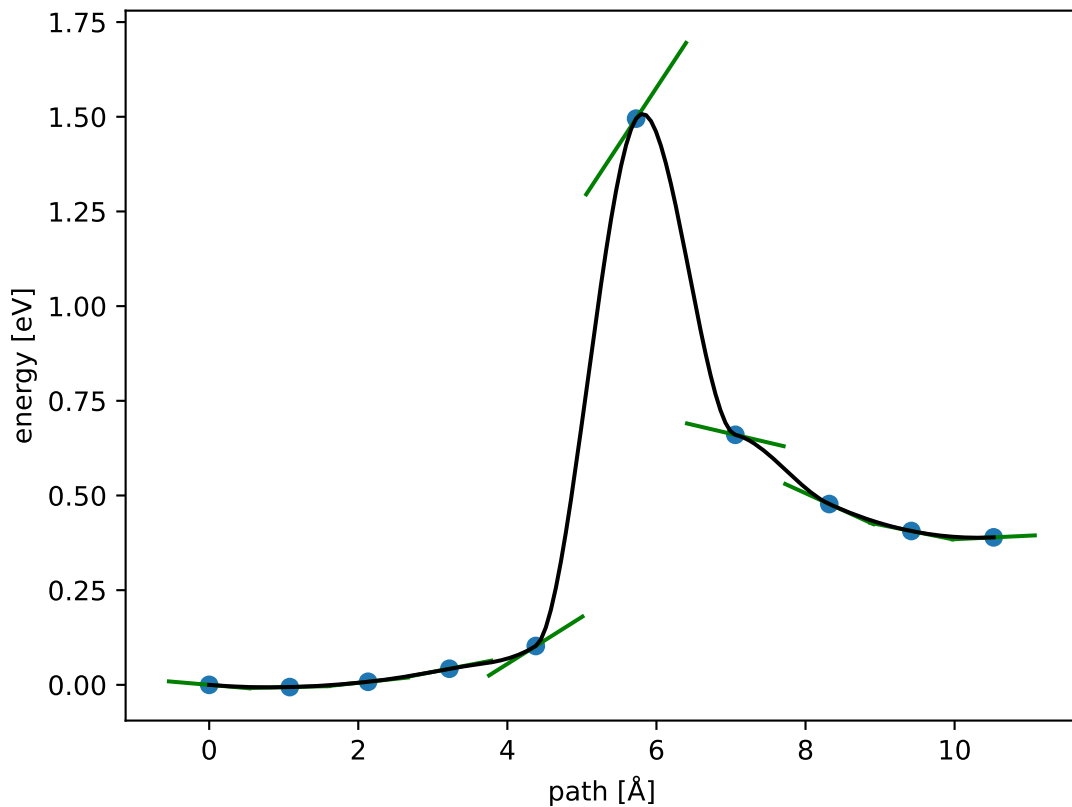
$$E_f \approx 1.517 \text{ eV}; E_r \approx 1.128 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.507 \text{ eV}; E_r \approx 1.118 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

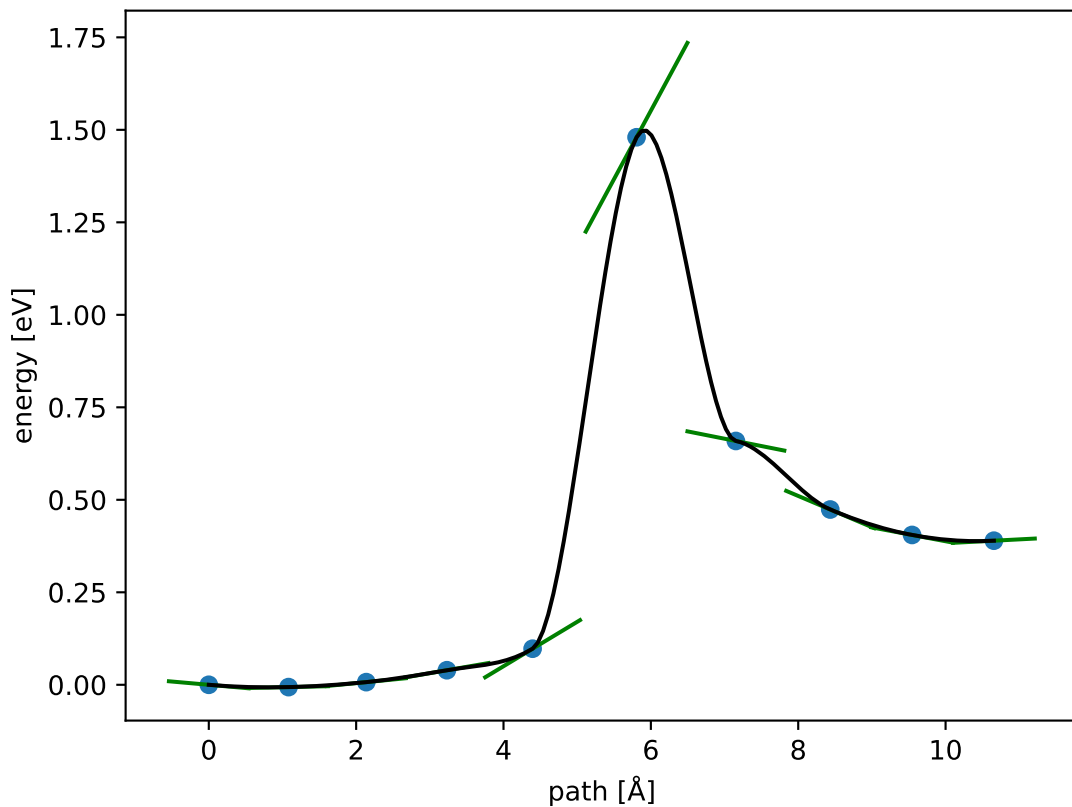


$$E_f \approx 1.495 \text{ eV}; E_r \approx 1.106 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

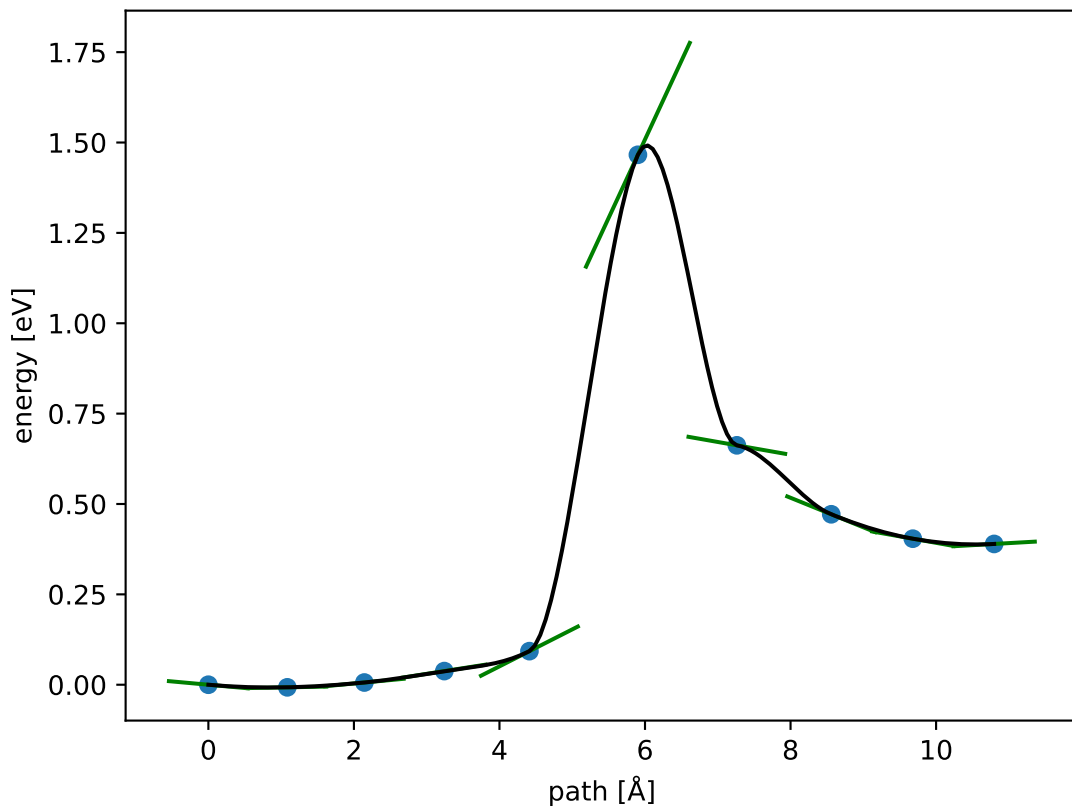




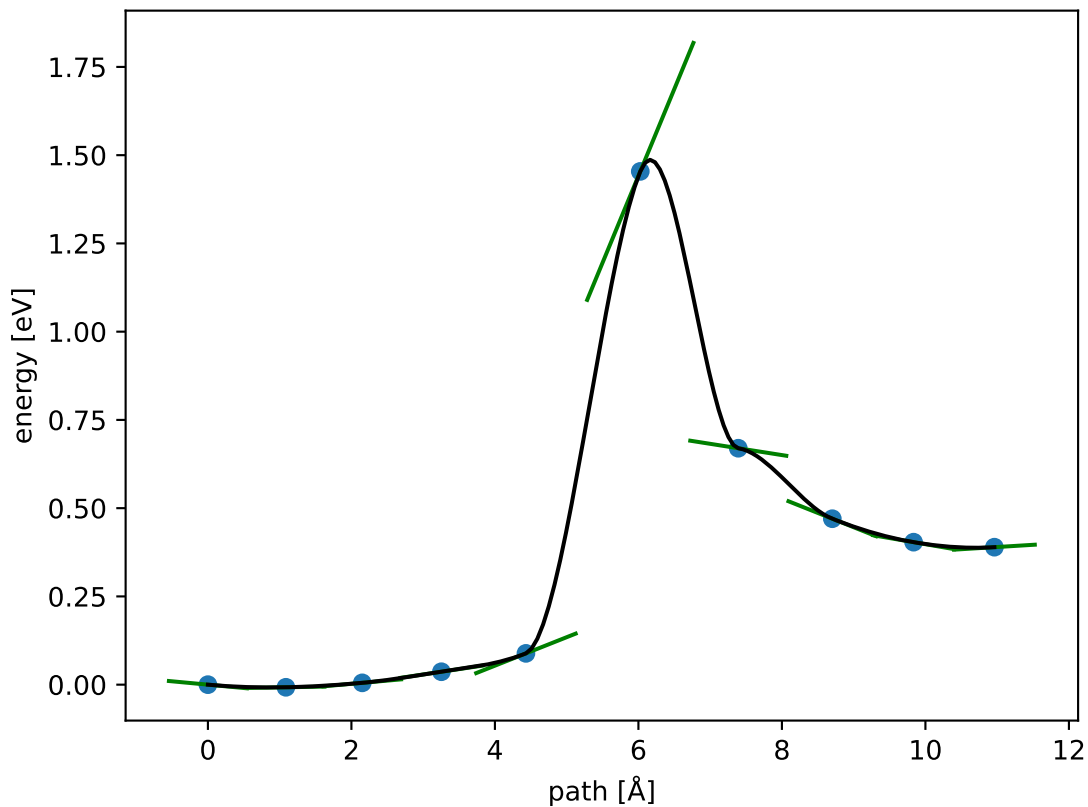
$$E_f \approx 1.480 \text{ eV}; E_r \approx 1.090 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



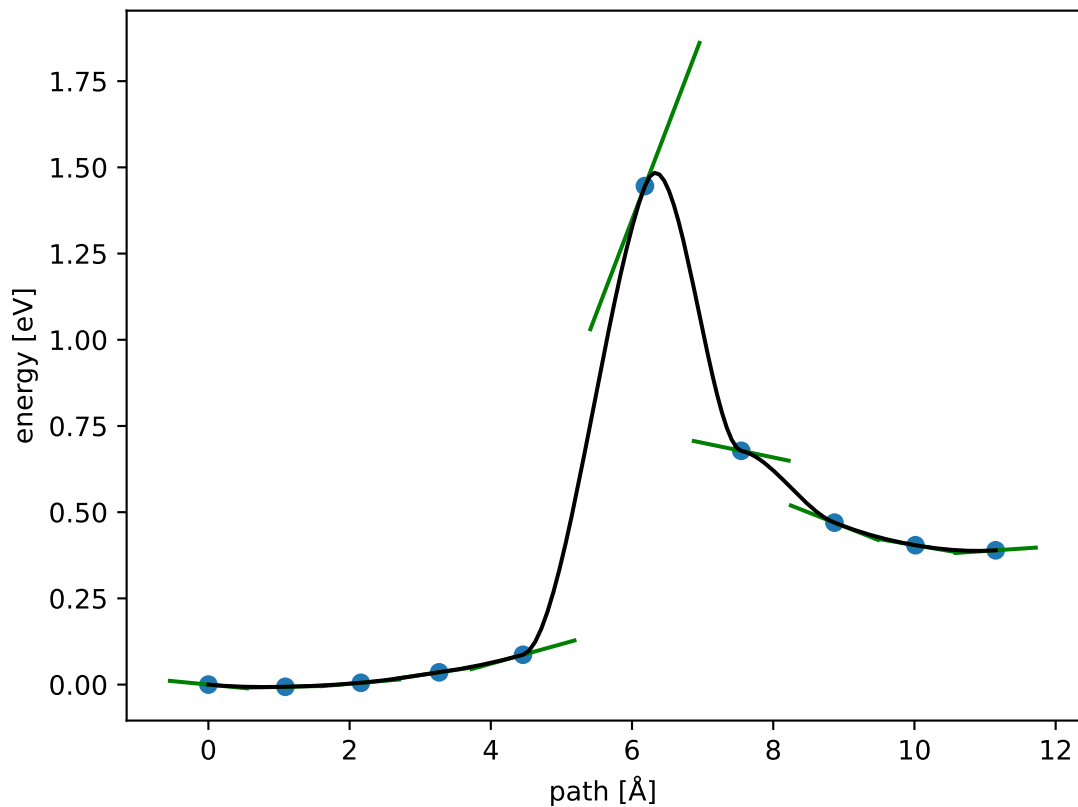
$$E_f \approx 1.466 \text{ eV}; E_r \approx 1.077 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



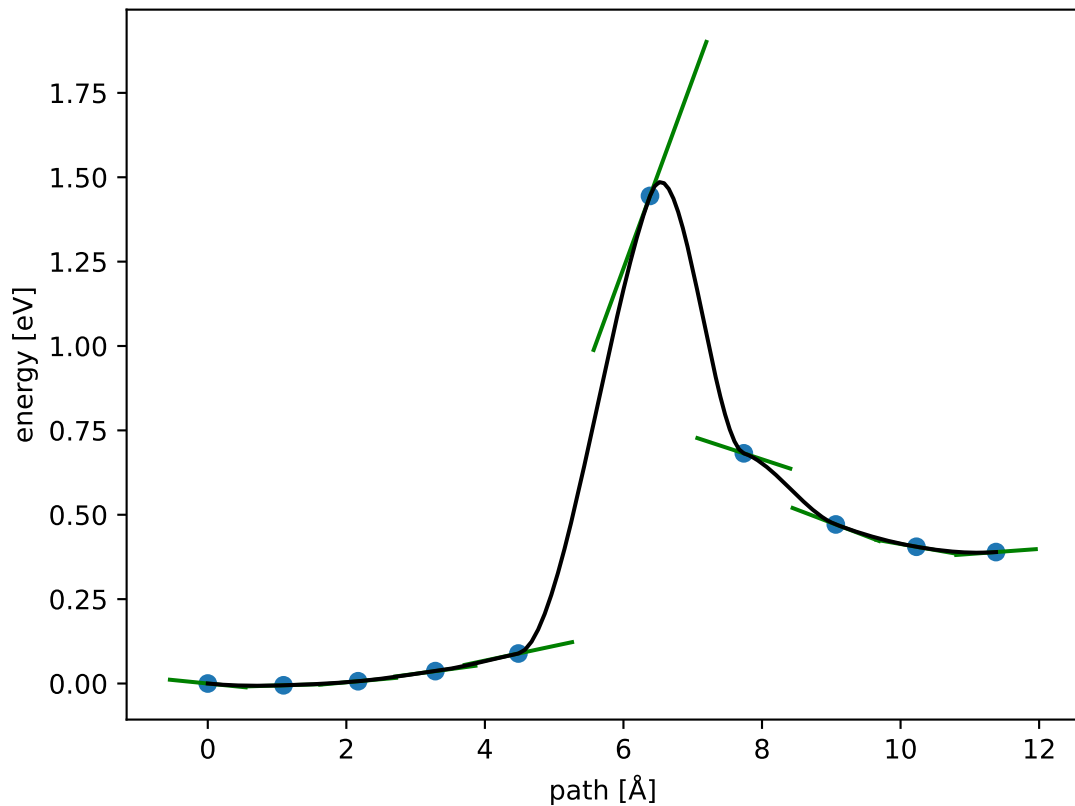
$$E_f \approx 1.454 \text{ eV}; E_r \approx 1.065 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



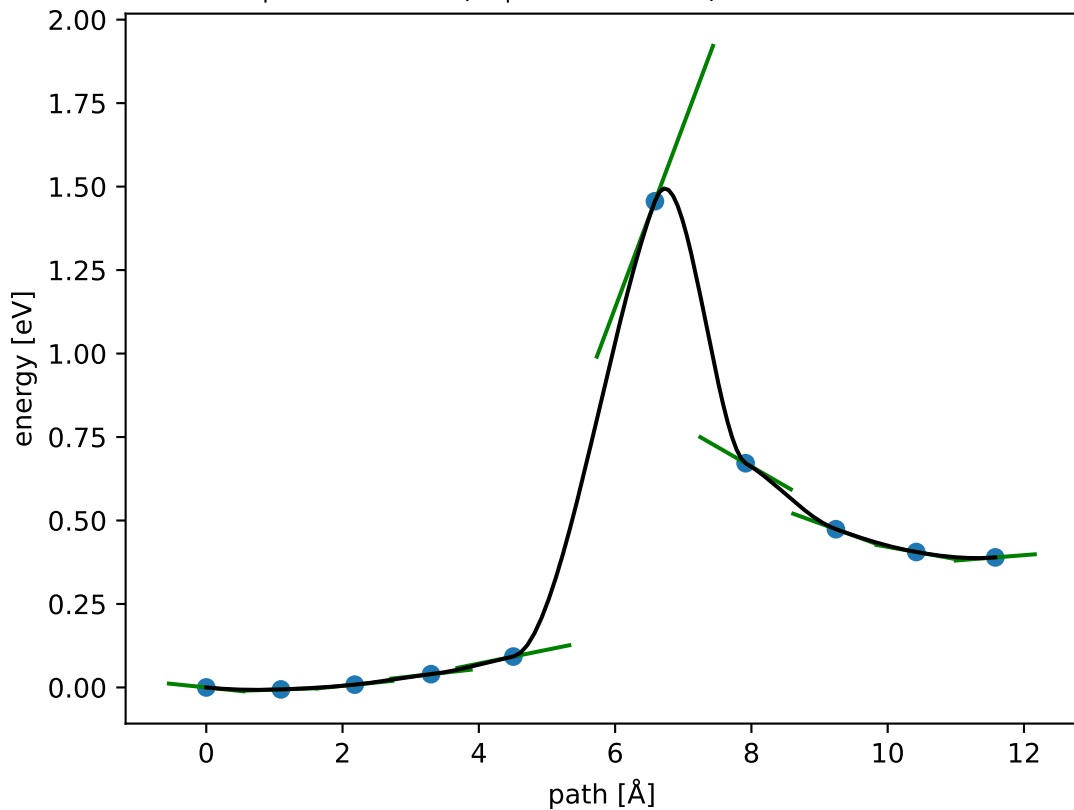
$$E_f \approx 1.446 \text{ eV}; E_r \approx 1.056 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



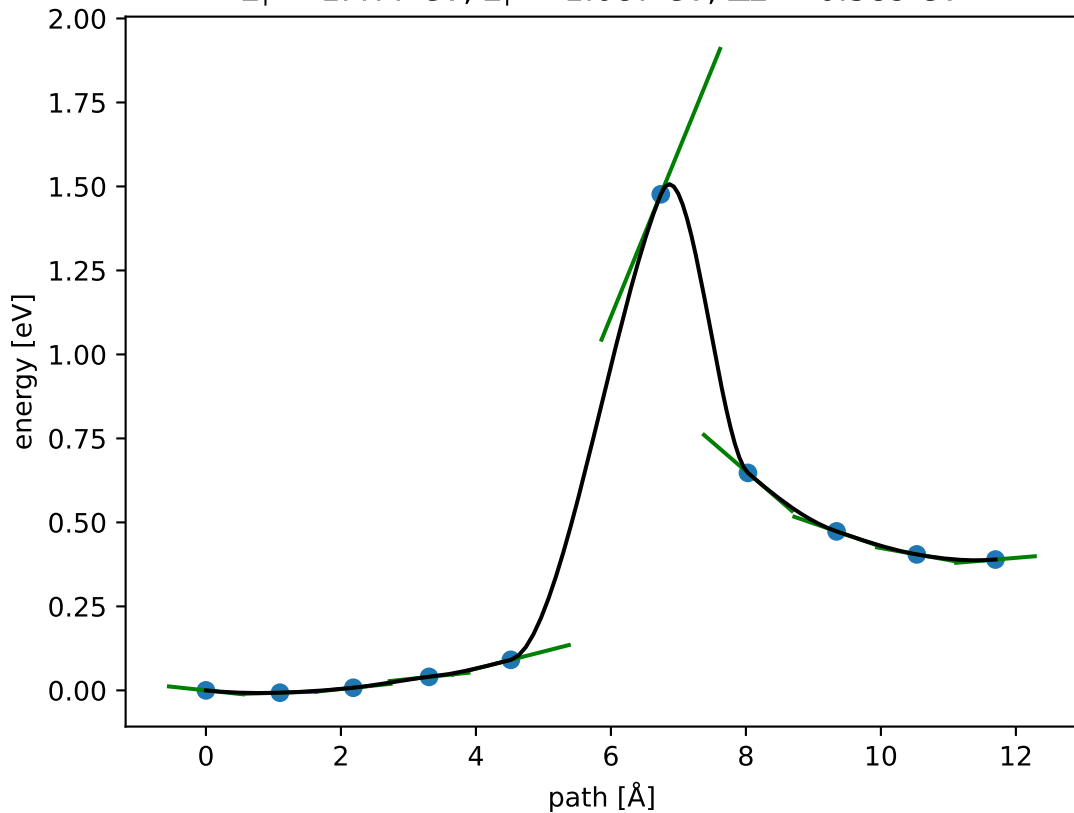
$$E_f \approx 1.445 \text{ eV}; E_r \approx 1.055 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



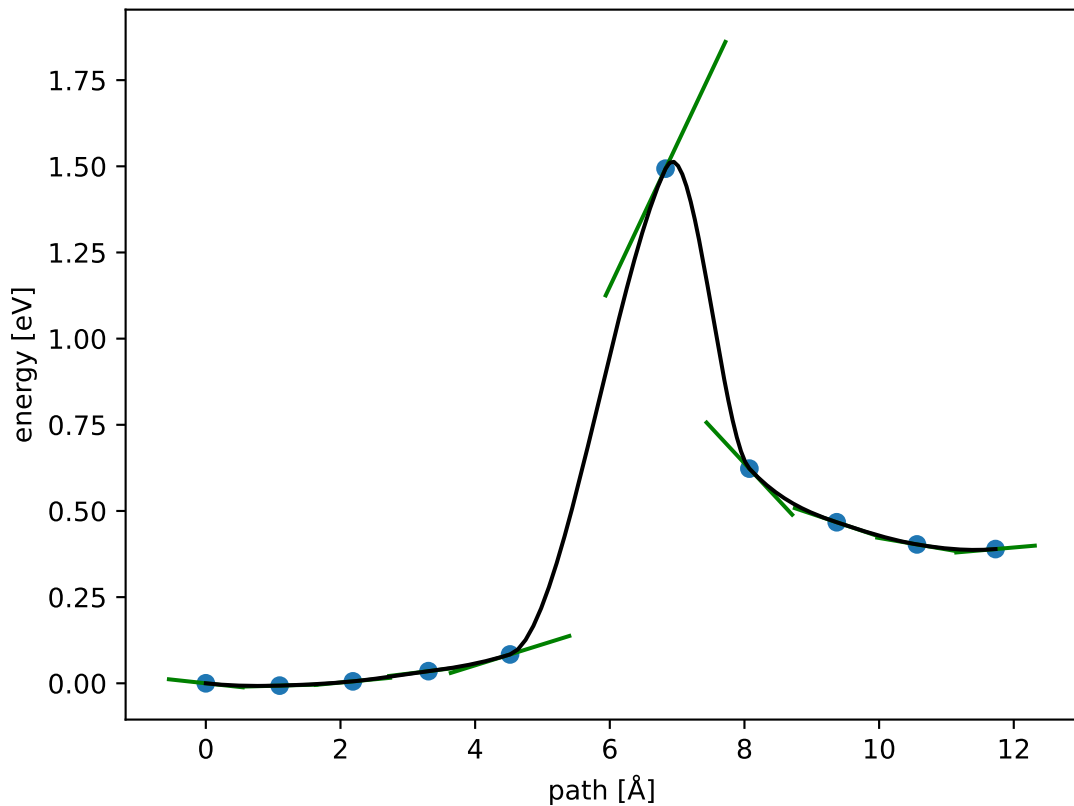
$$E_f \approx 1.456 \text{ eV}; E_r \approx 1.067 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.477 \text{ eV}; E_r \approx 1.087 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

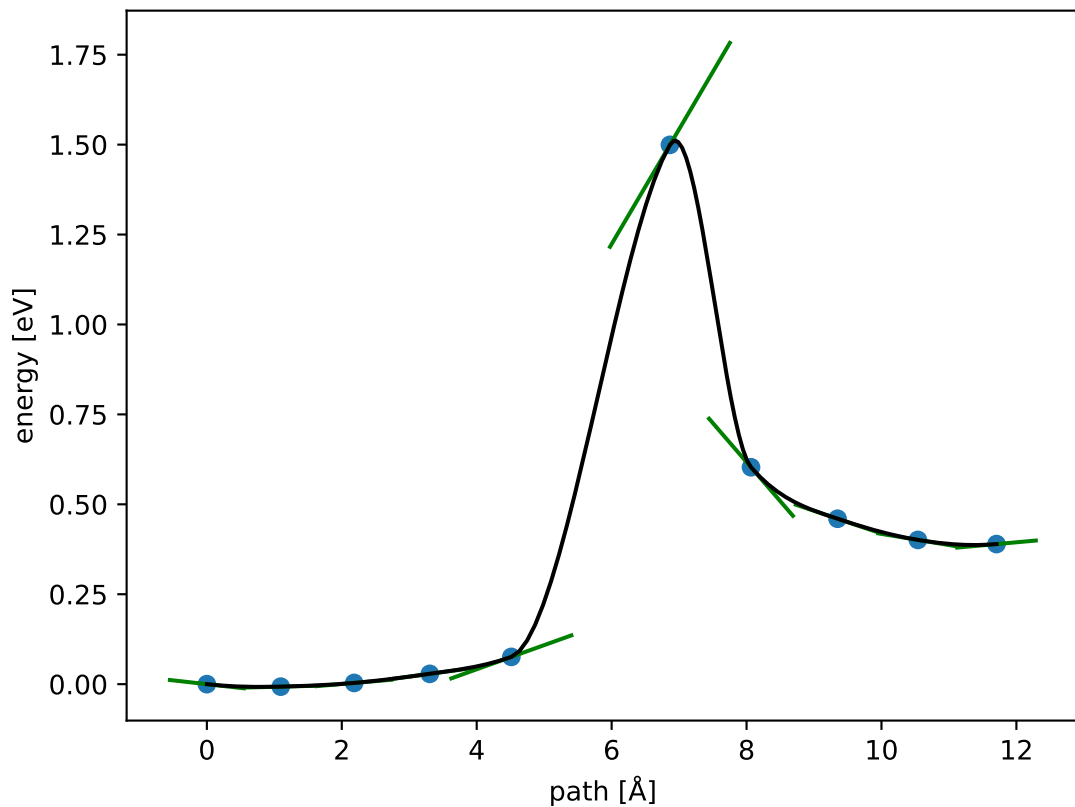


$$E_f \approx 1.493 \text{ eV}; E_r \approx 1.104 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

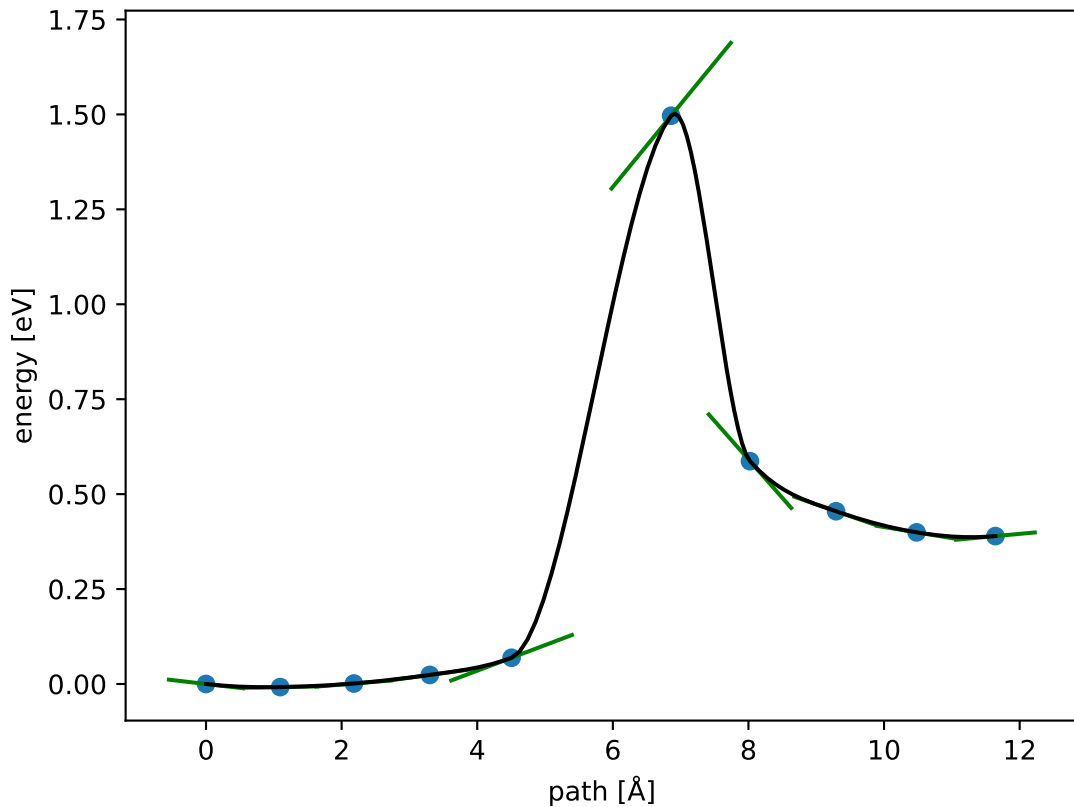




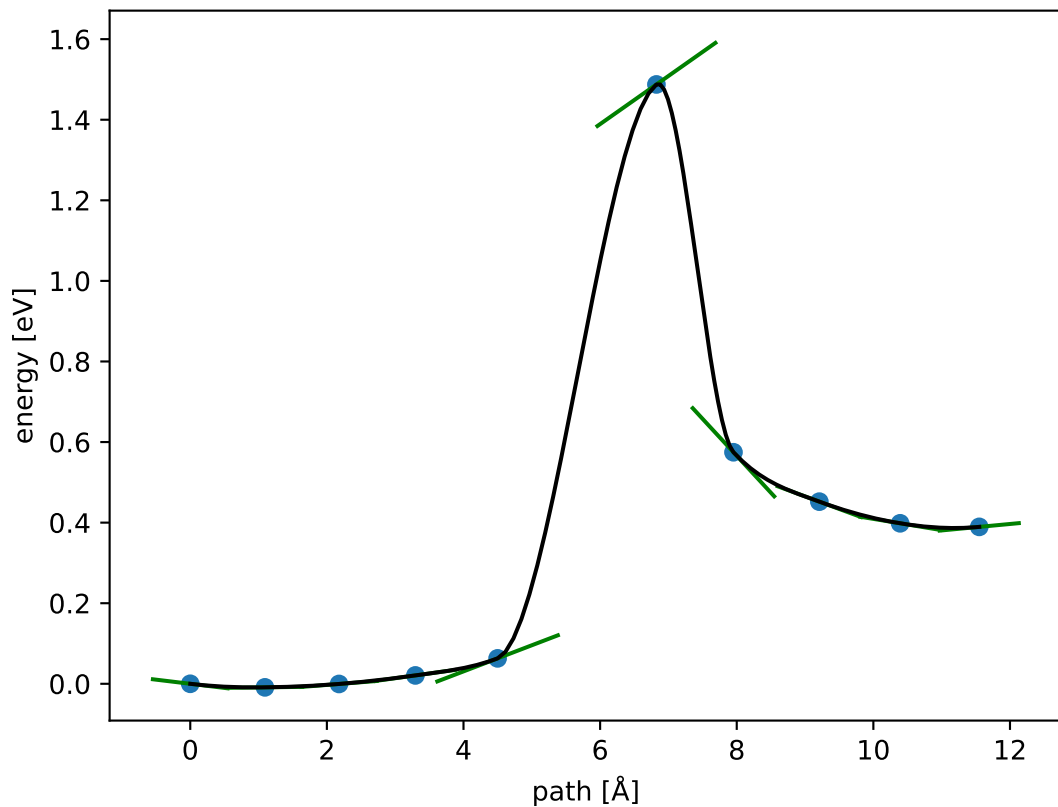
$$E_f \approx 1.499 \text{ eV}; E_r \approx 1.110 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



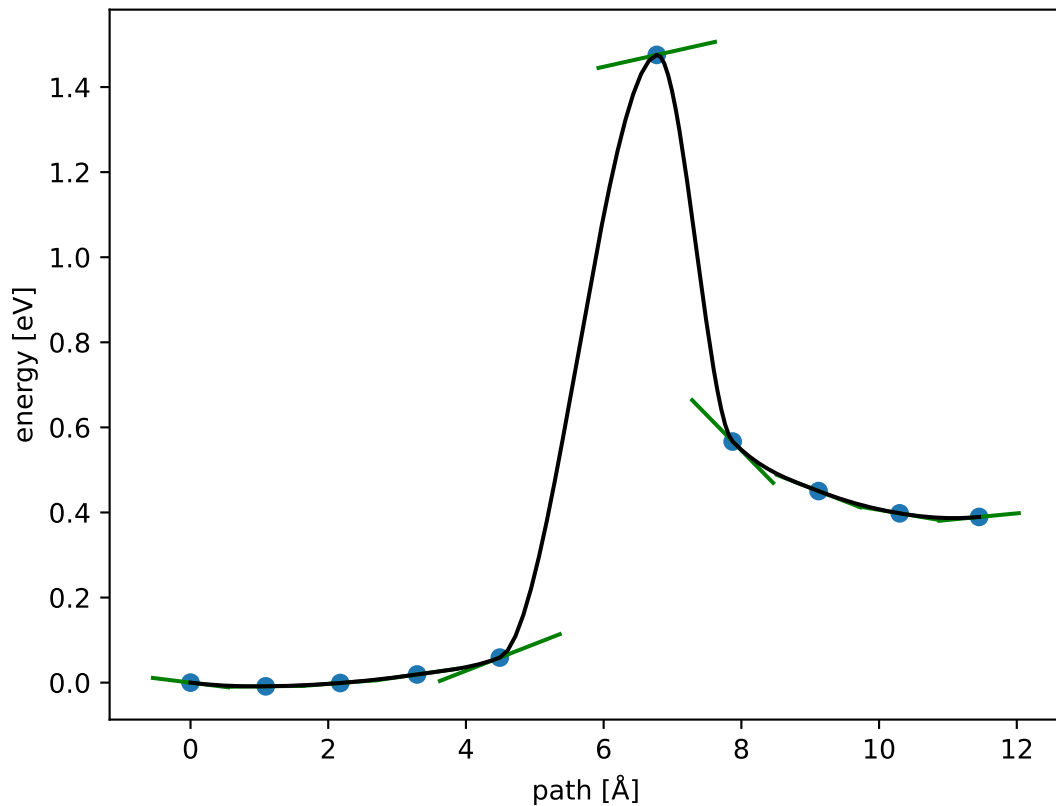
$$E_f \approx 1.497 \text{ eV}; E_r \approx 1.107 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



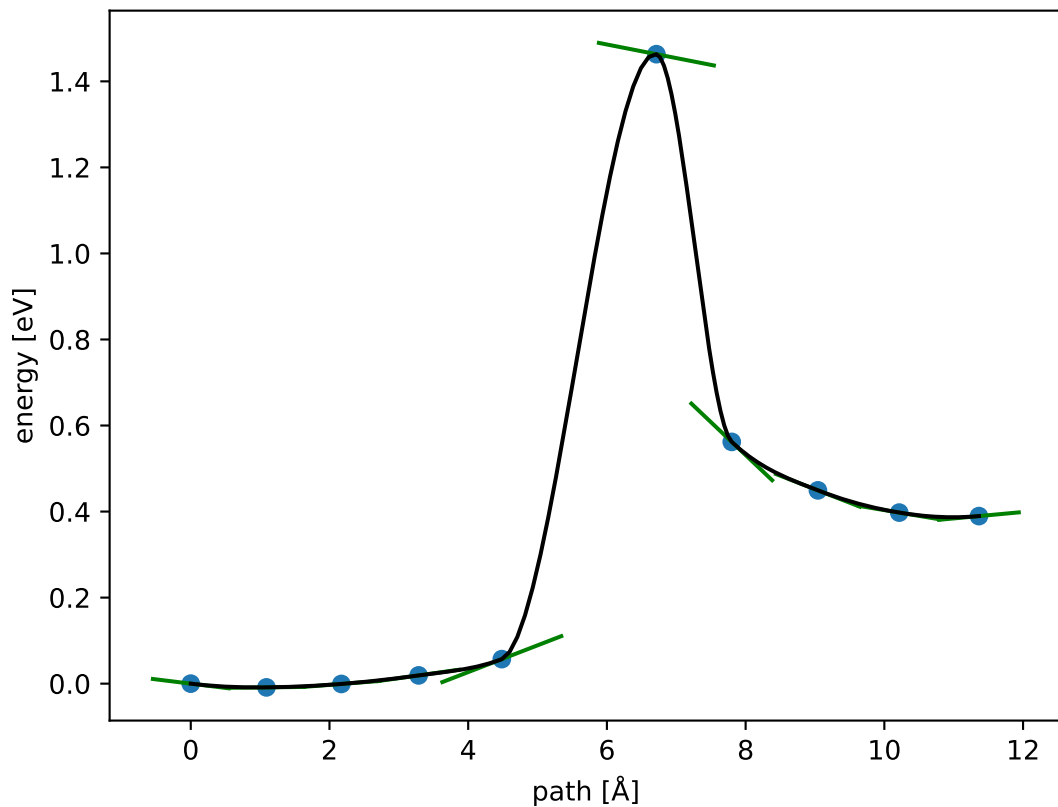
$$E_f \approx 1.488 \text{ eV}; E_r \approx 1.098 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



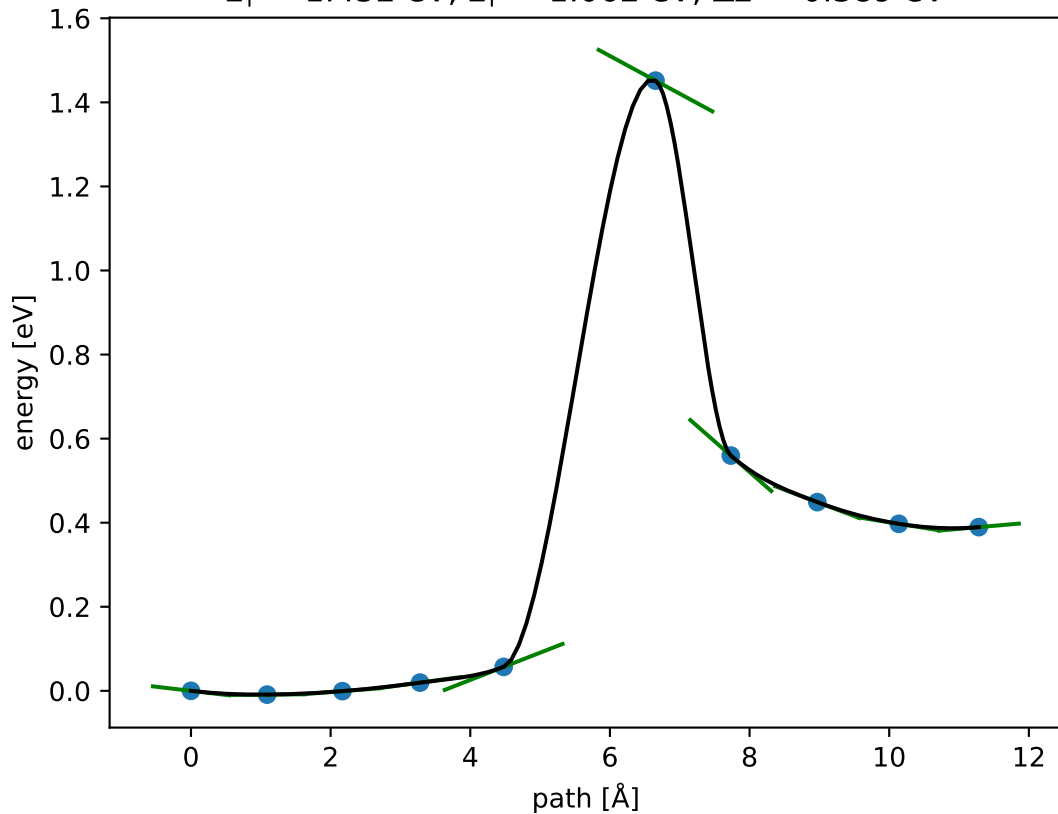
$$E_f \approx 1.476 \text{ eV}; E_r \approx 1.086 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



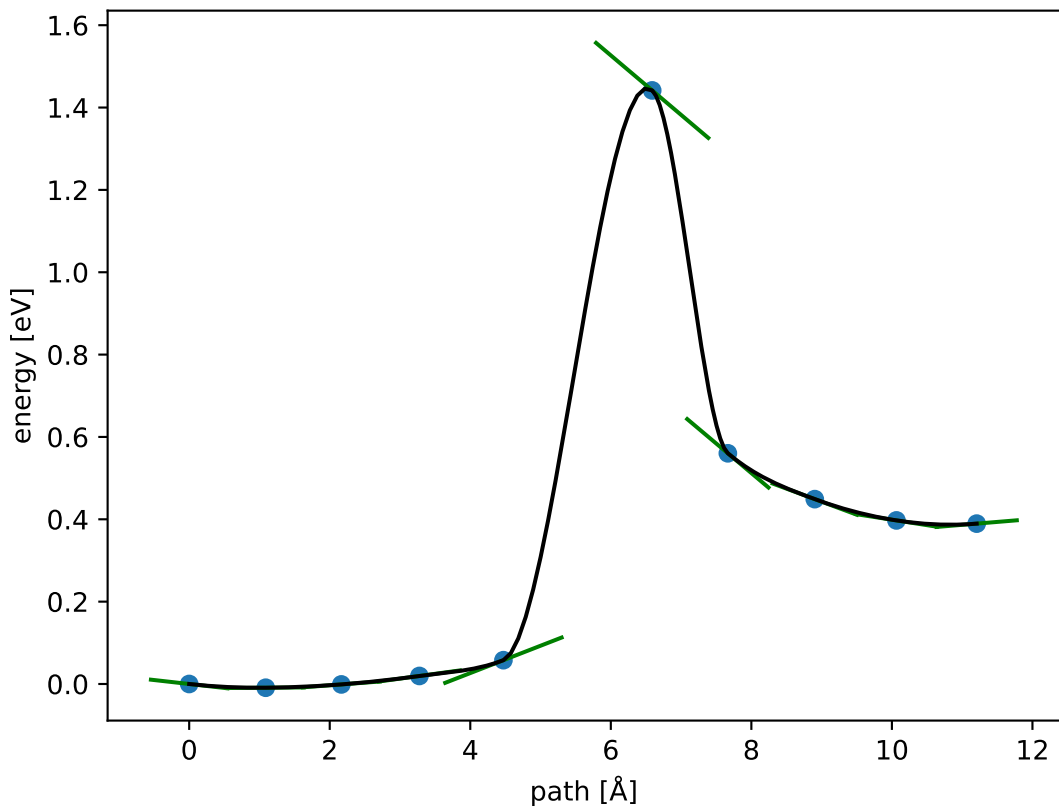
$$E_f \approx 1.463 \text{ eV}; E_r \approx 1.074 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



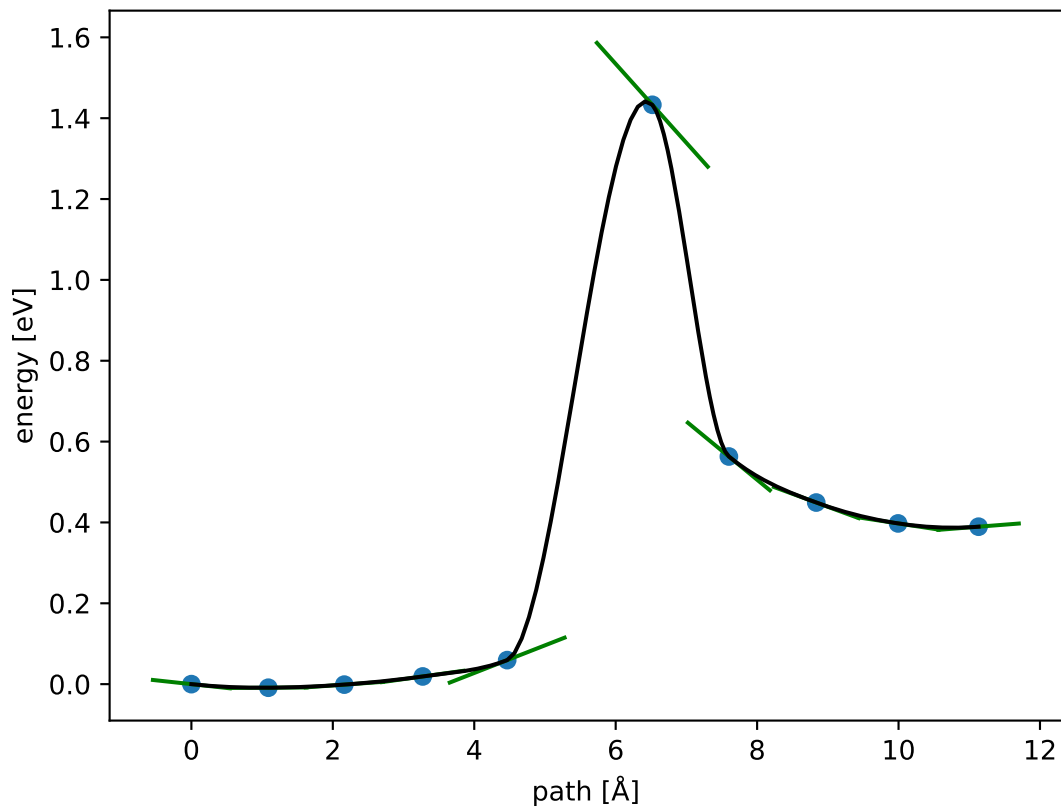
$$E_f \approx 1.452 \text{ eV}; E_r \approx 1.062 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.442 \text{ eV}; E_r \approx 1.052 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

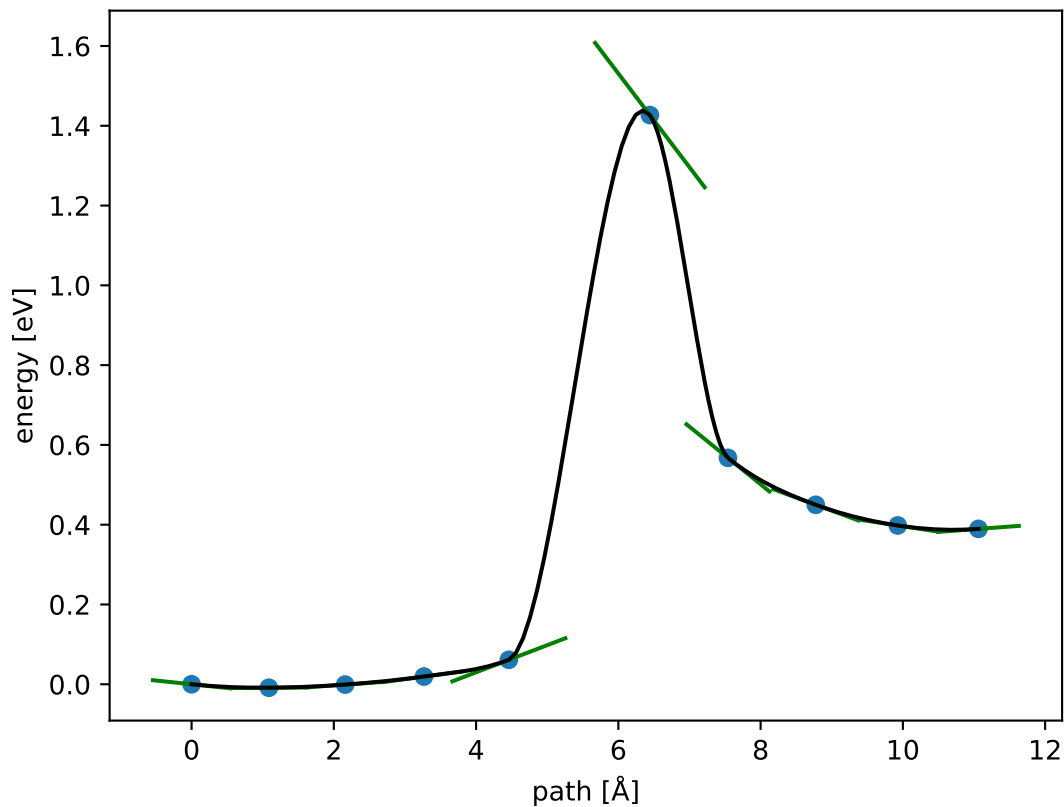


$$E_f \approx 1.433 \text{ eV}; E_r \approx 1.044 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

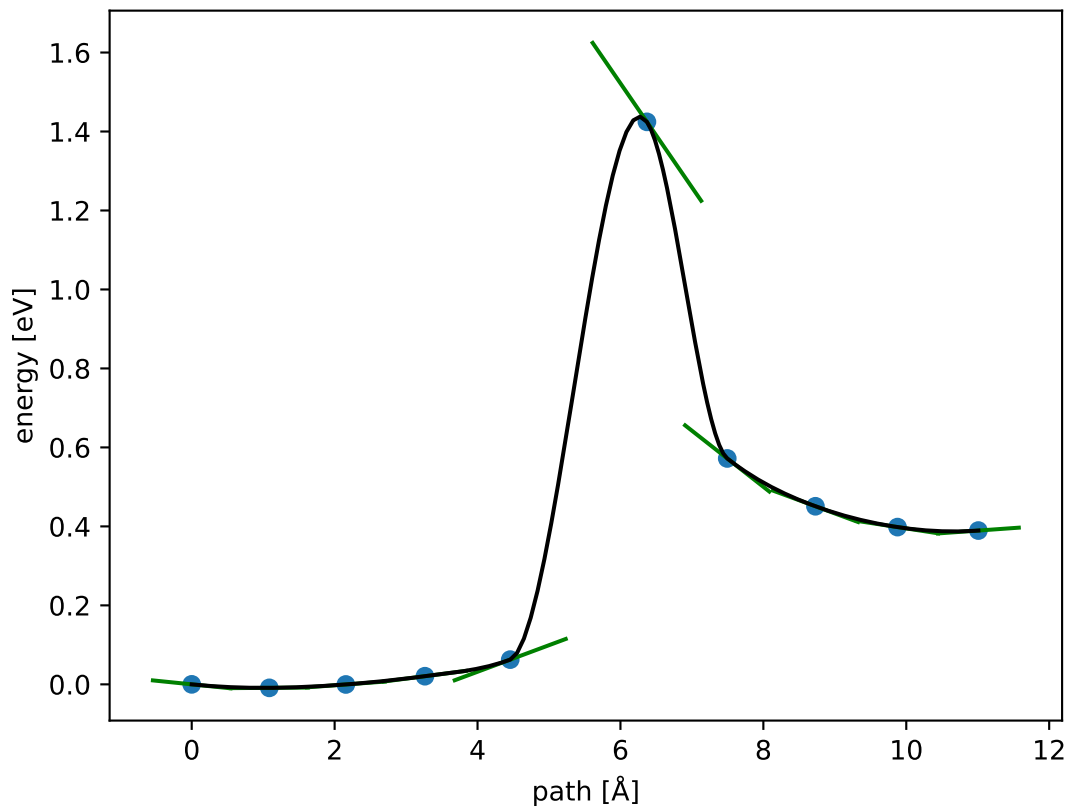




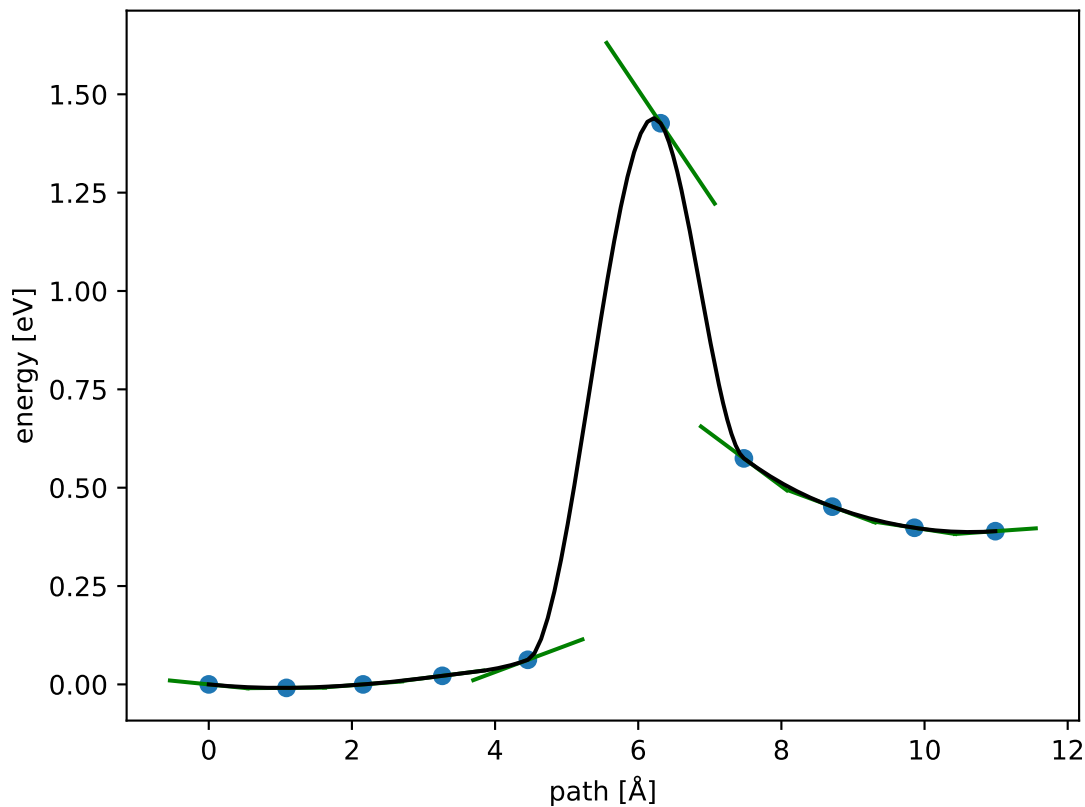
$$E_f \approx 1.427 \text{ eV}; E_r \approx 1.037 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



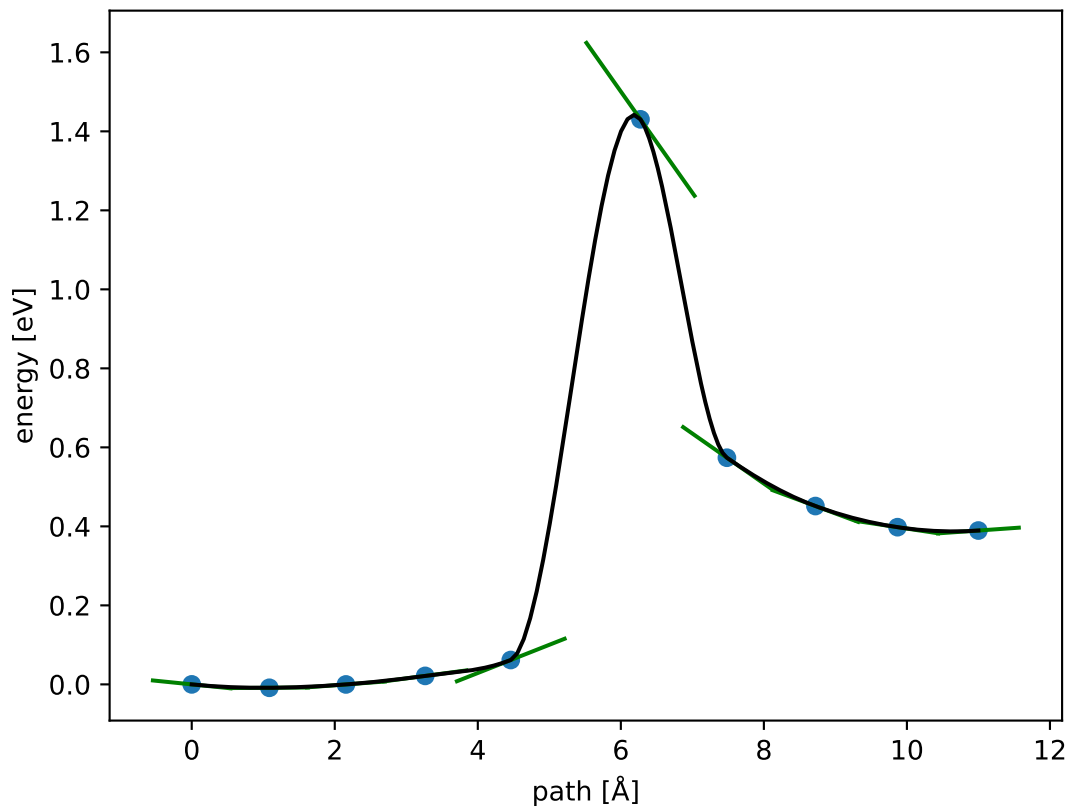
$$E_f \approx 1.424 \text{ eV}; E_r \approx 1.035 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



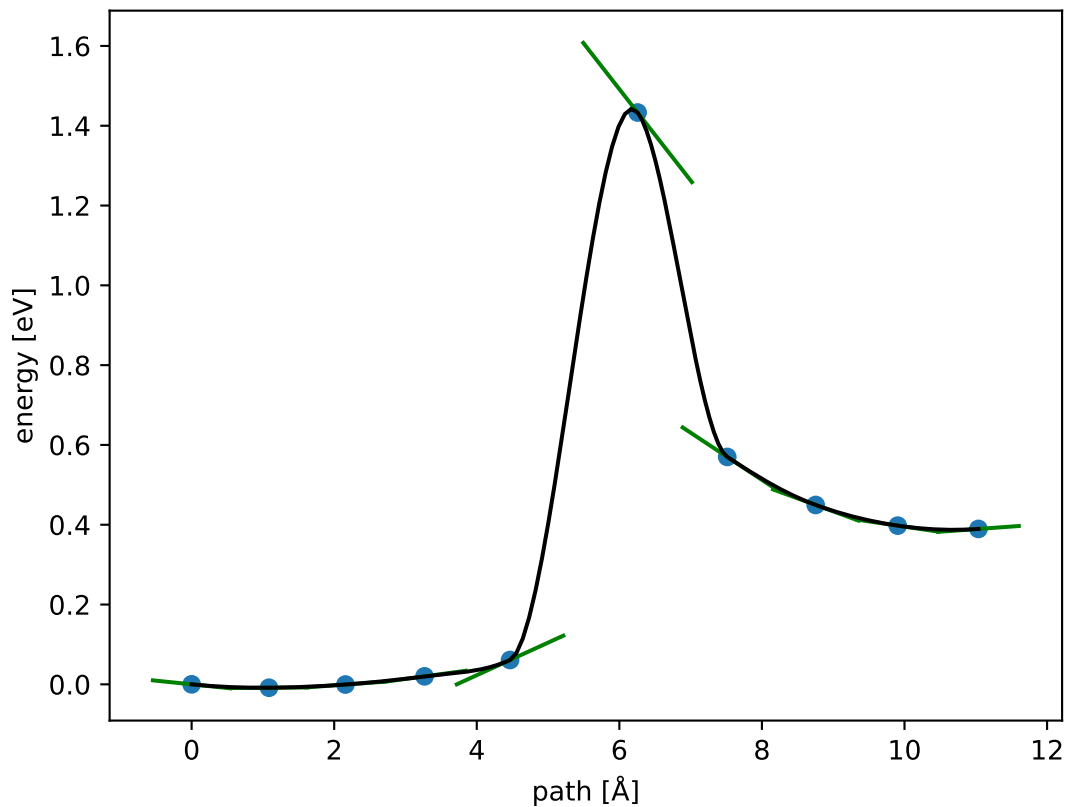
$$E_f \approx 1.426 \text{ eV}; E_r \approx 1.037 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



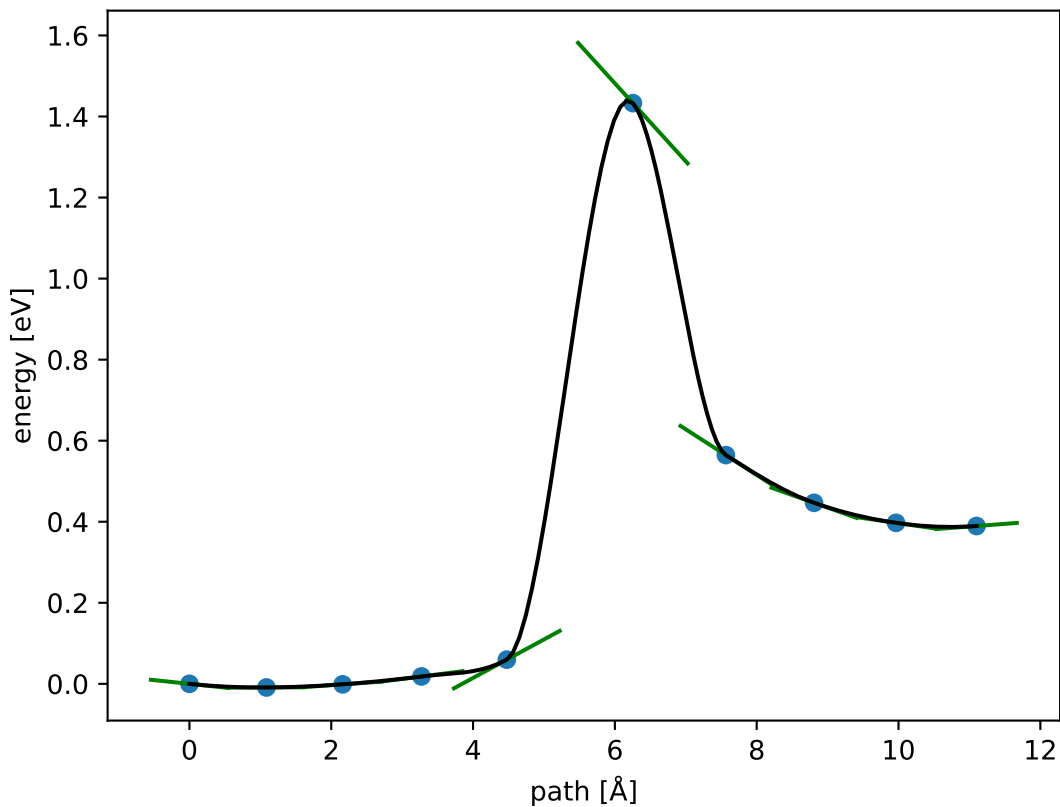
$$E_f \approx 1.430 \text{ eV}; E_r \approx 1.041 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



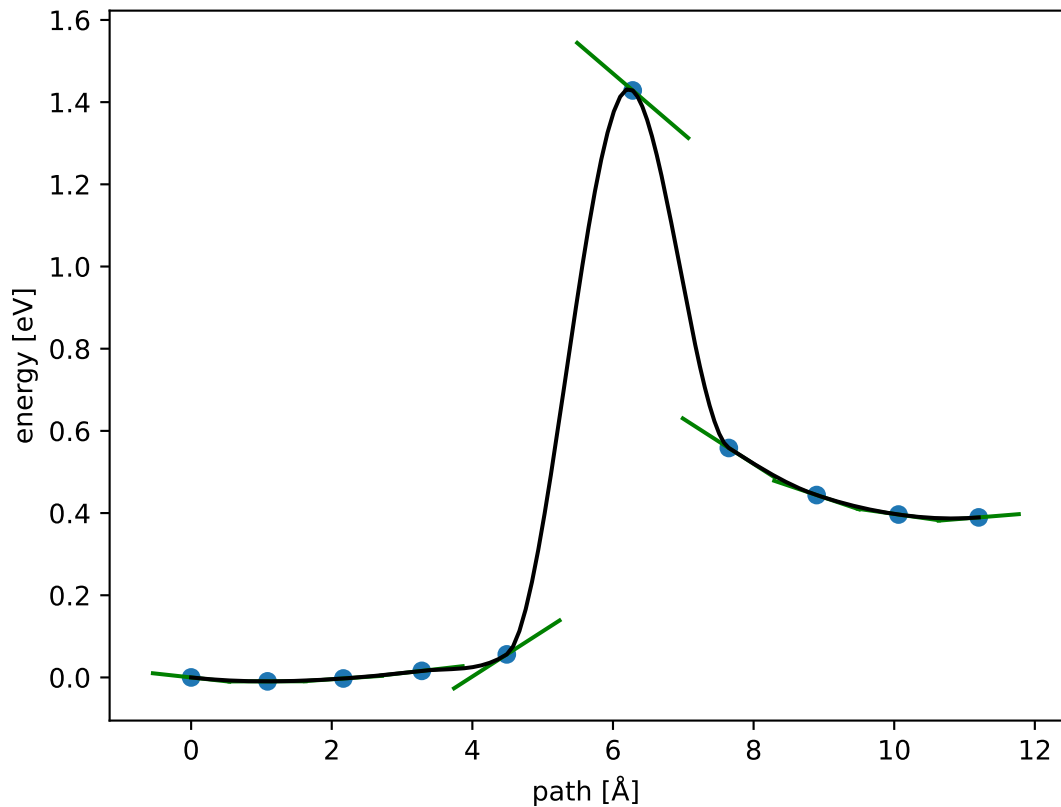
$$E_f \approx 1.433 \text{ eV}; E_r \approx 1.044 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



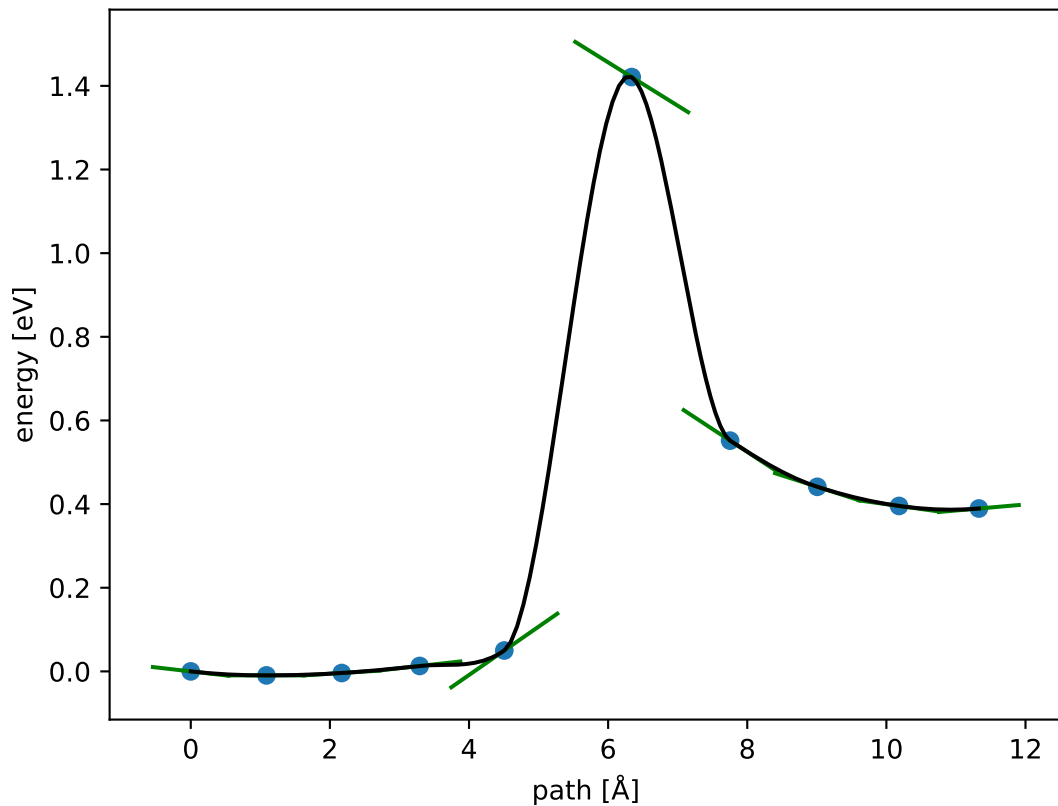
$$E_f \approx 1.433 \text{ eV}; E_r \approx 1.043 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.429 \text{ eV}; E_r \approx 1.039 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

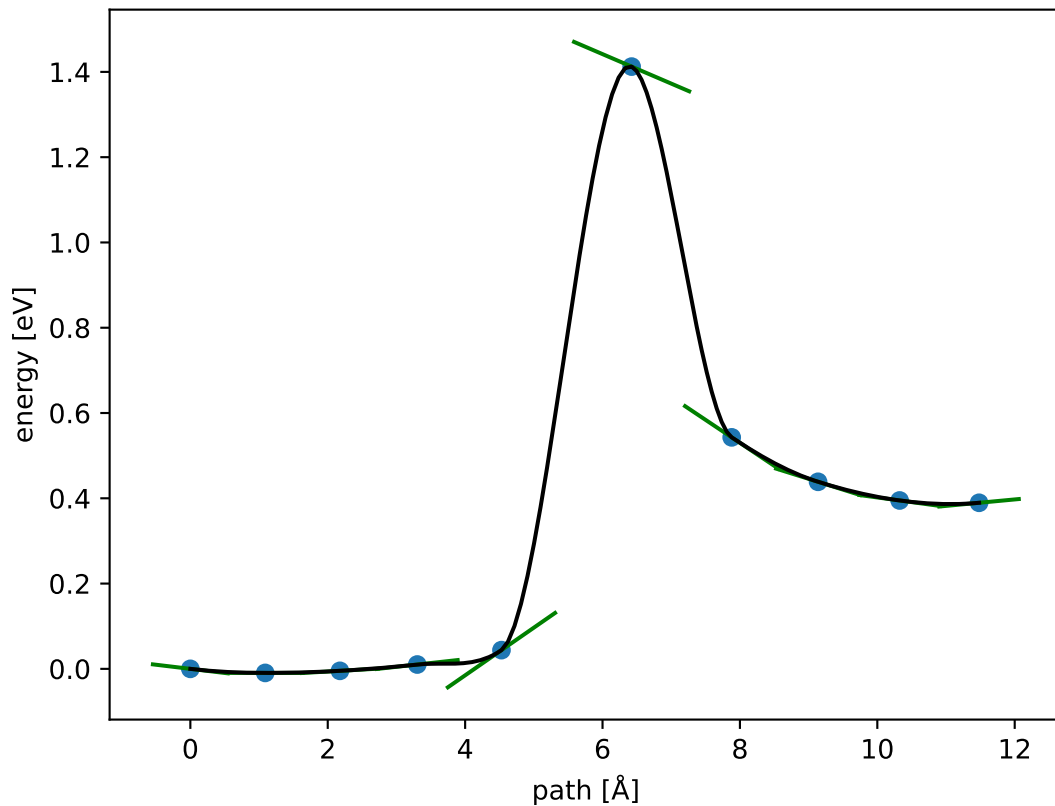


$$E_f \approx 1.421 \text{ eV}; E_r \approx 1.032 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

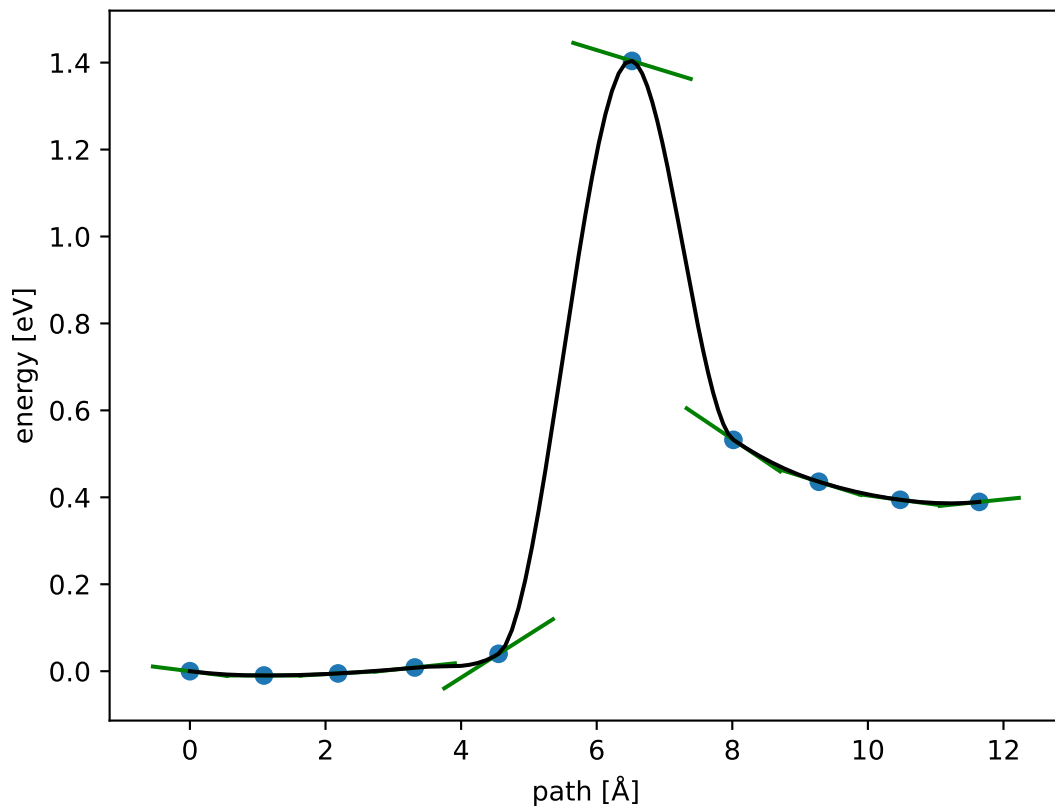




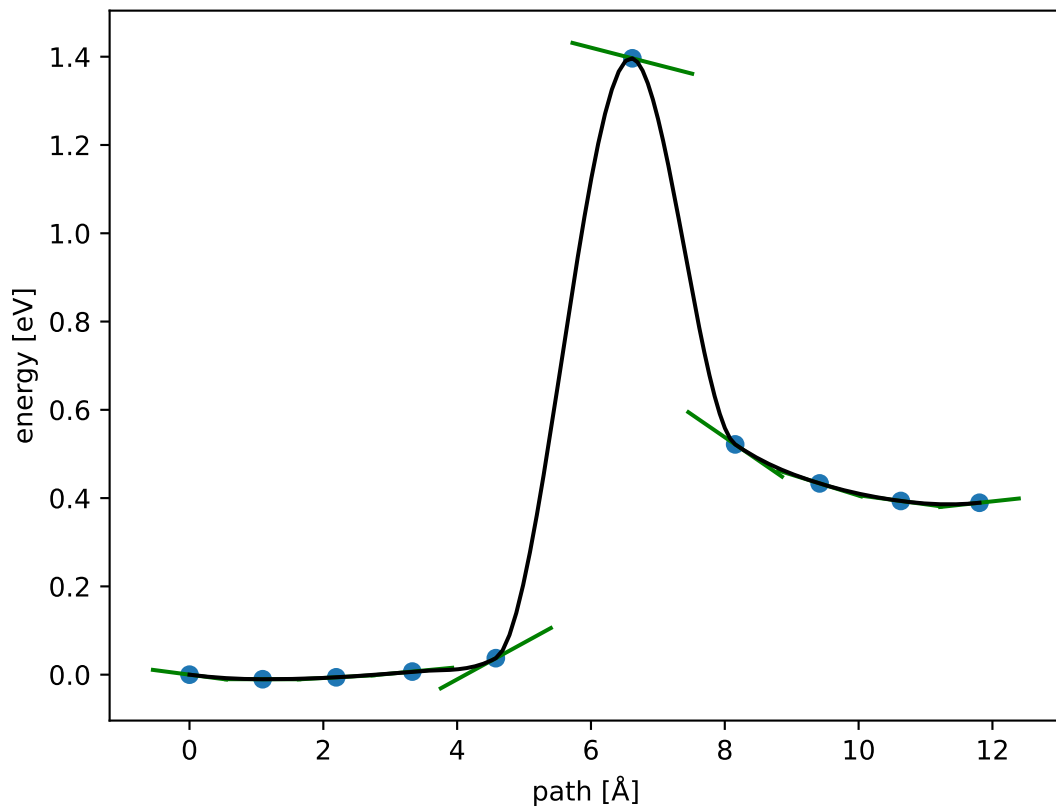
$$E_f \approx 1.412 \text{ eV}; E_r \approx 1.023 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



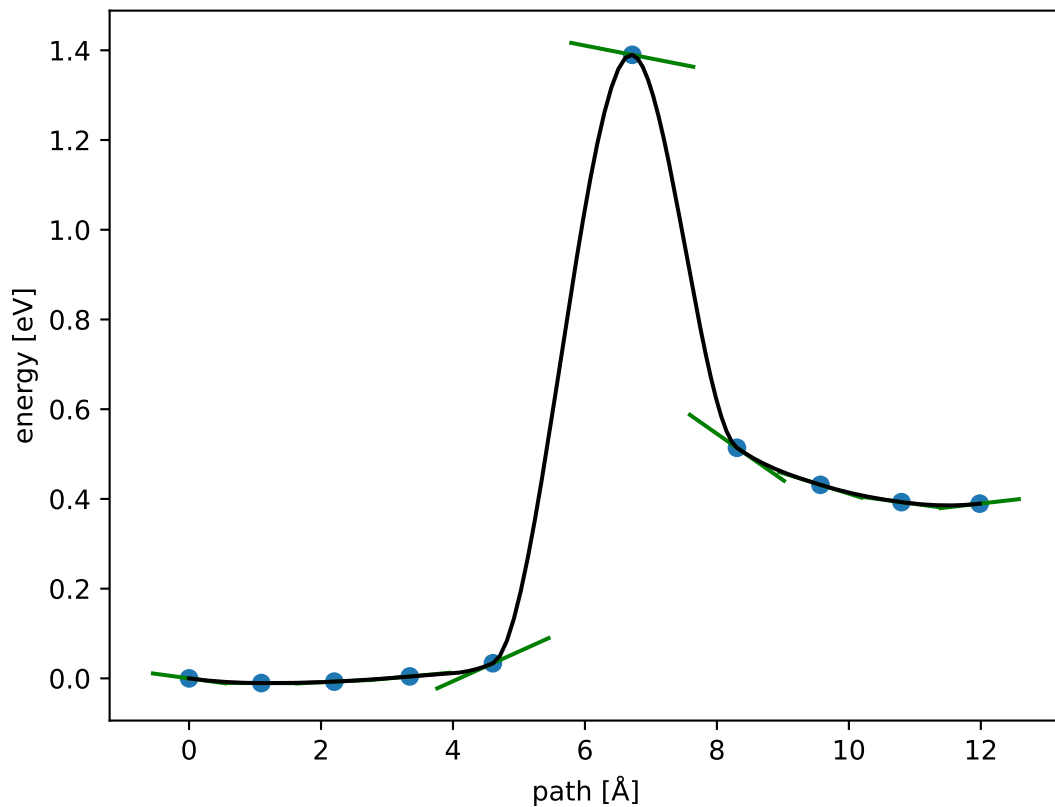
$$E_f \approx 1.404 \text{ eV}; E_r \approx 1.014 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



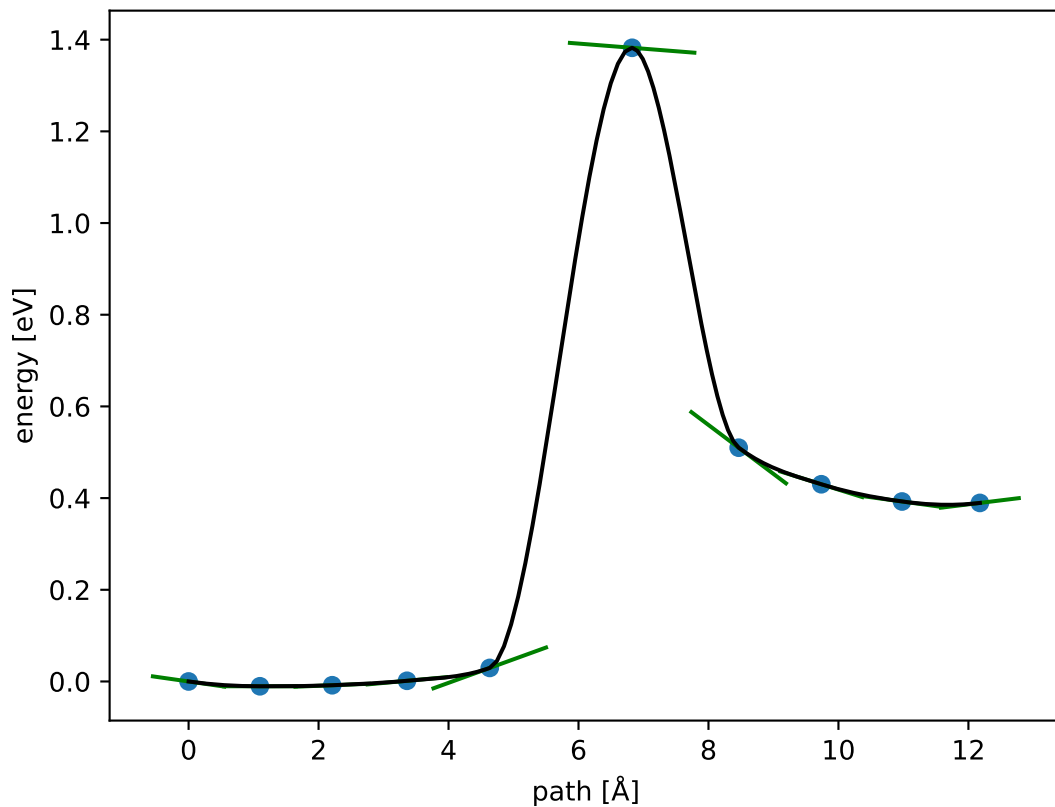
$$E_f \approx 1.396 \text{ eV}; E_r \approx 1.007 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



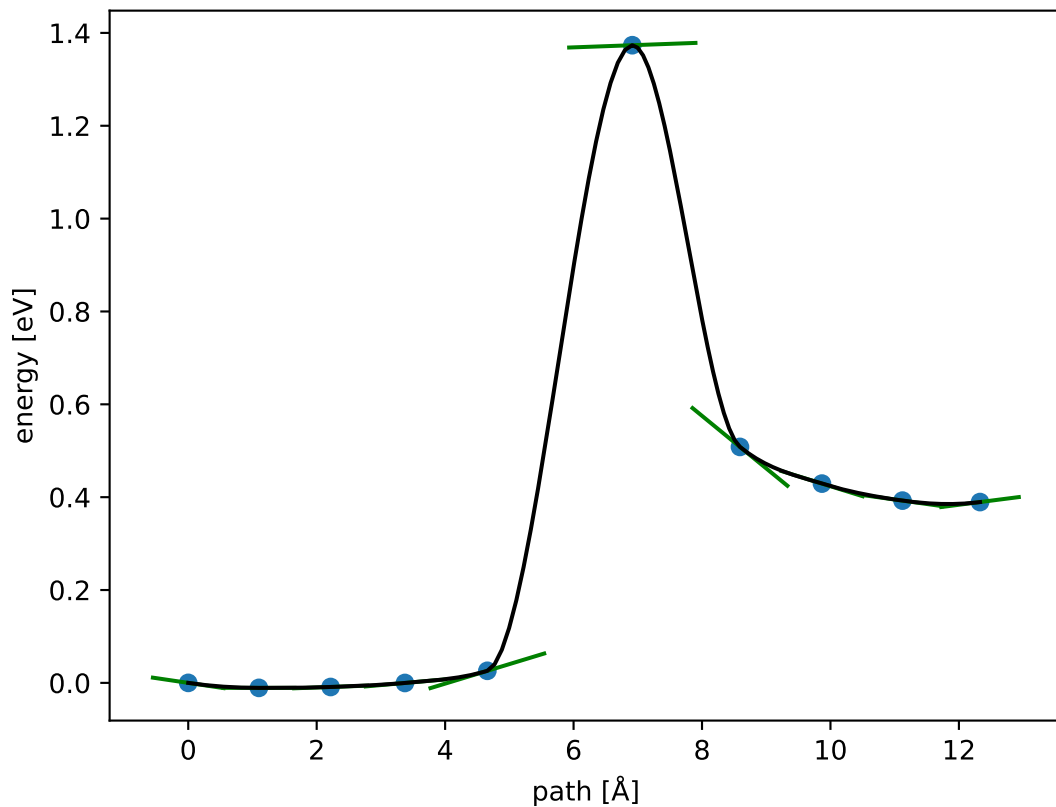
$$E_f \approx 1.390 \text{ eV}; E_r \approx 1.000 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



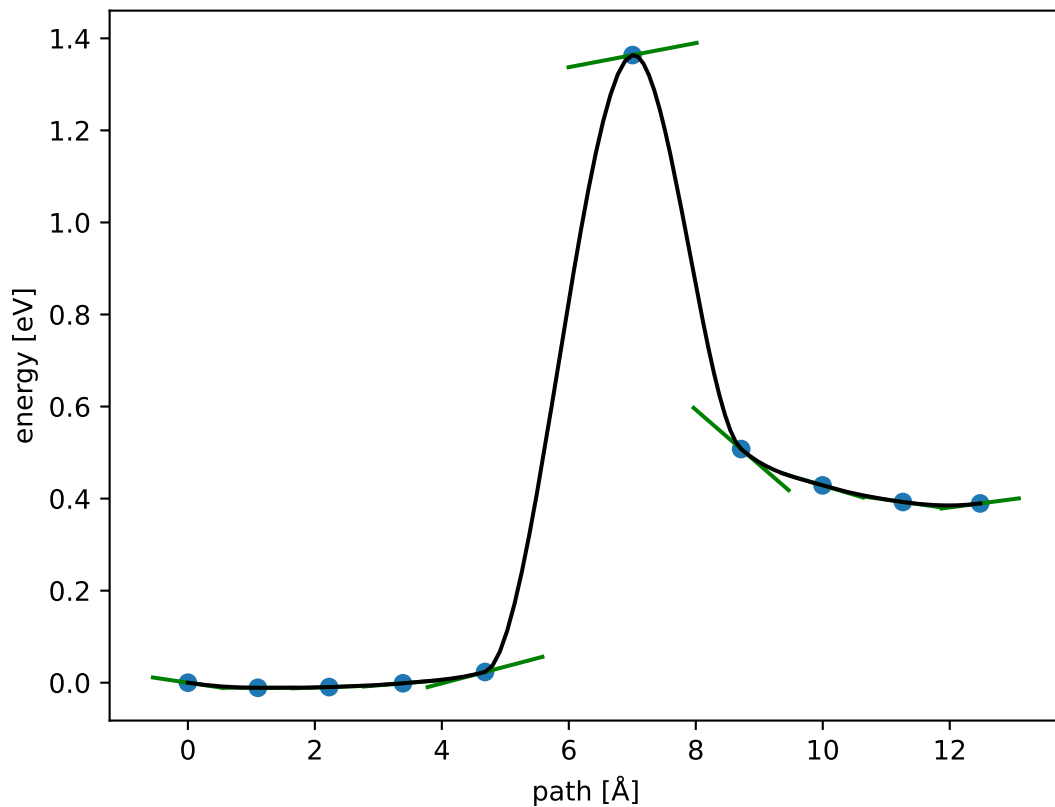
$$E_f \approx 1.382 \text{ eV}; E_r \approx 0.993 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



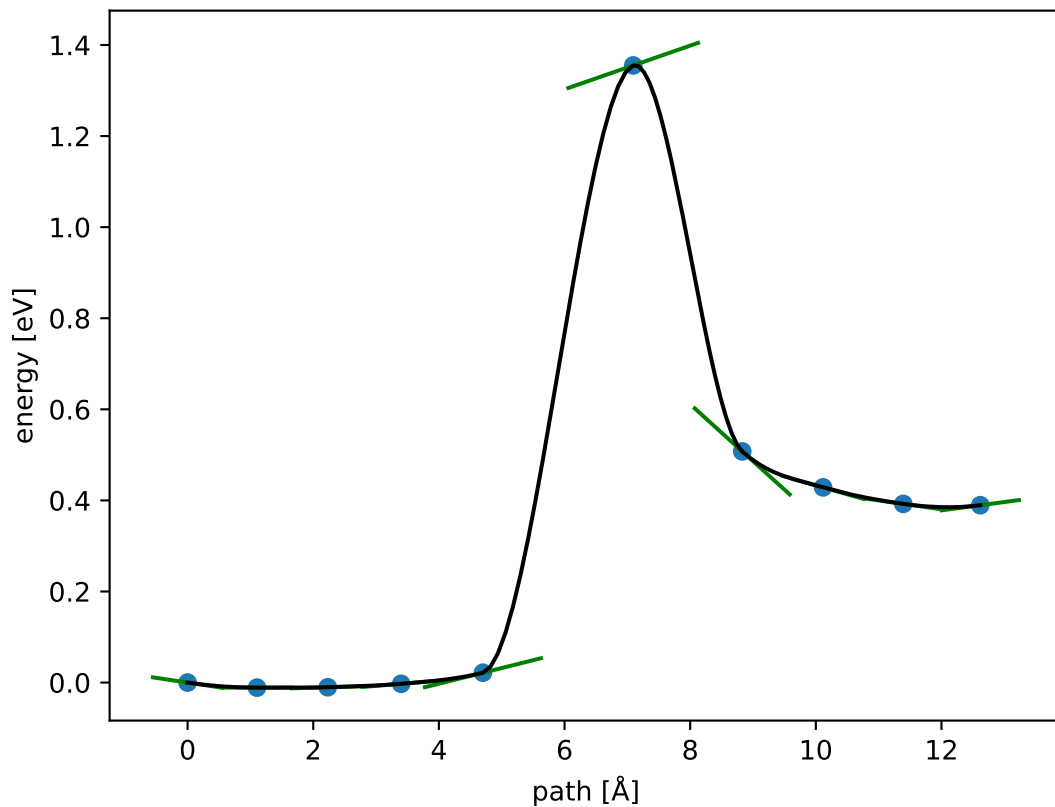
$$E_f \approx 1.373 \text{ eV}; E_r \approx 0.984 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.364 \text{ eV}; E_r \approx 0.974 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

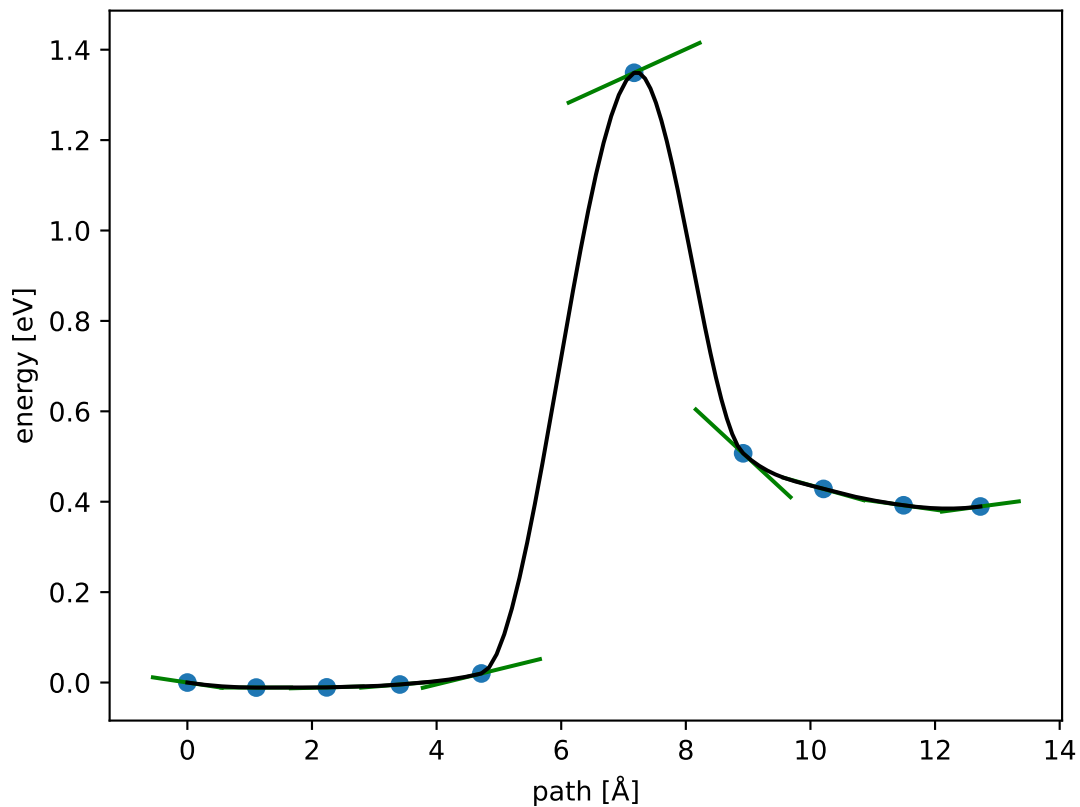


$$E_f \approx 1.355 \text{ eV}; E_r \approx 0.966 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

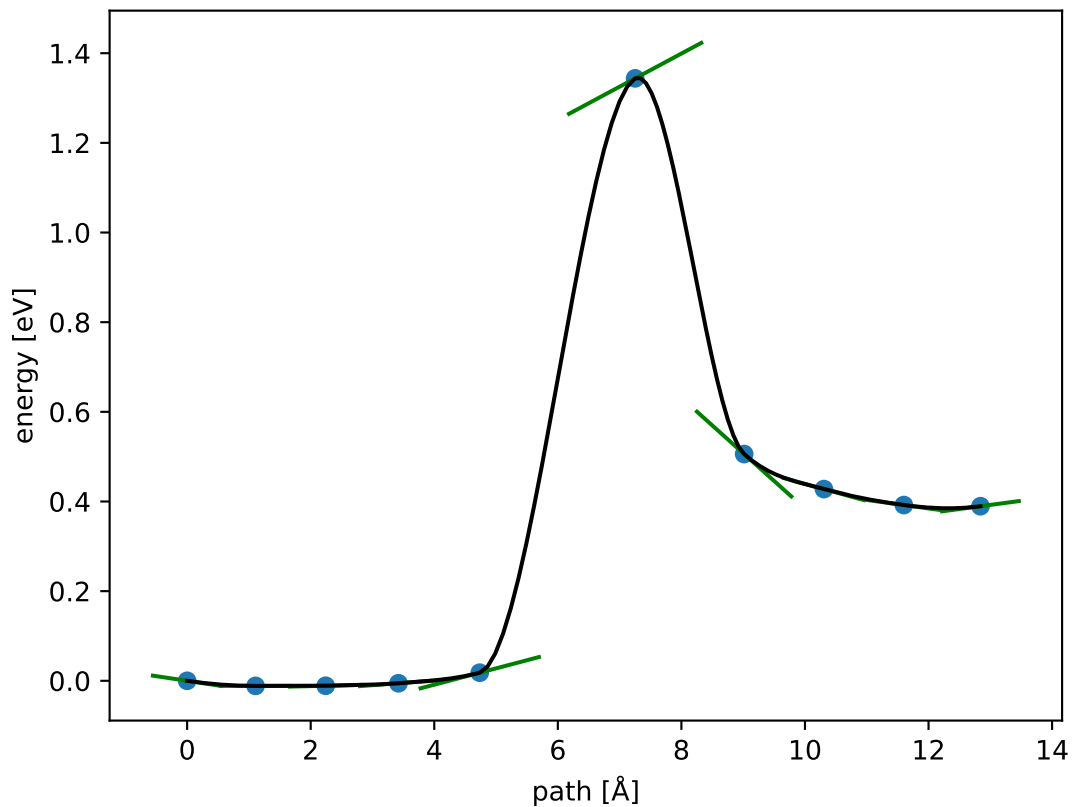




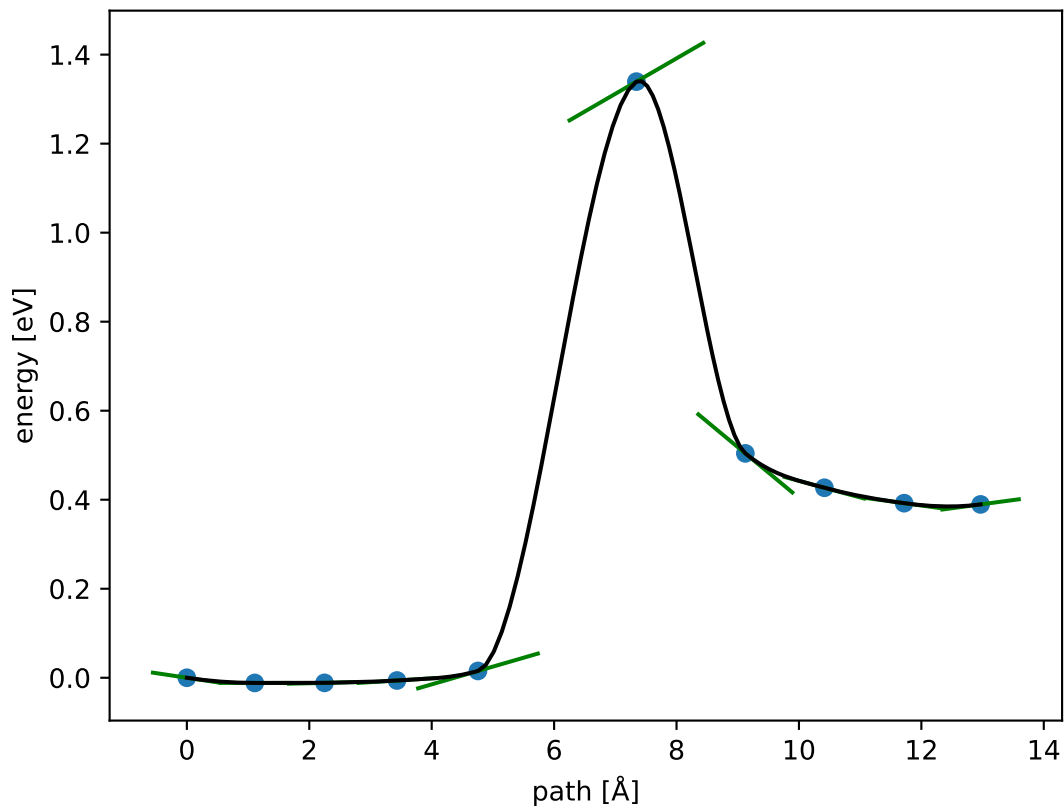
$$E_f \approx 1.349 \text{ eV}; E_r \approx 0.959 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



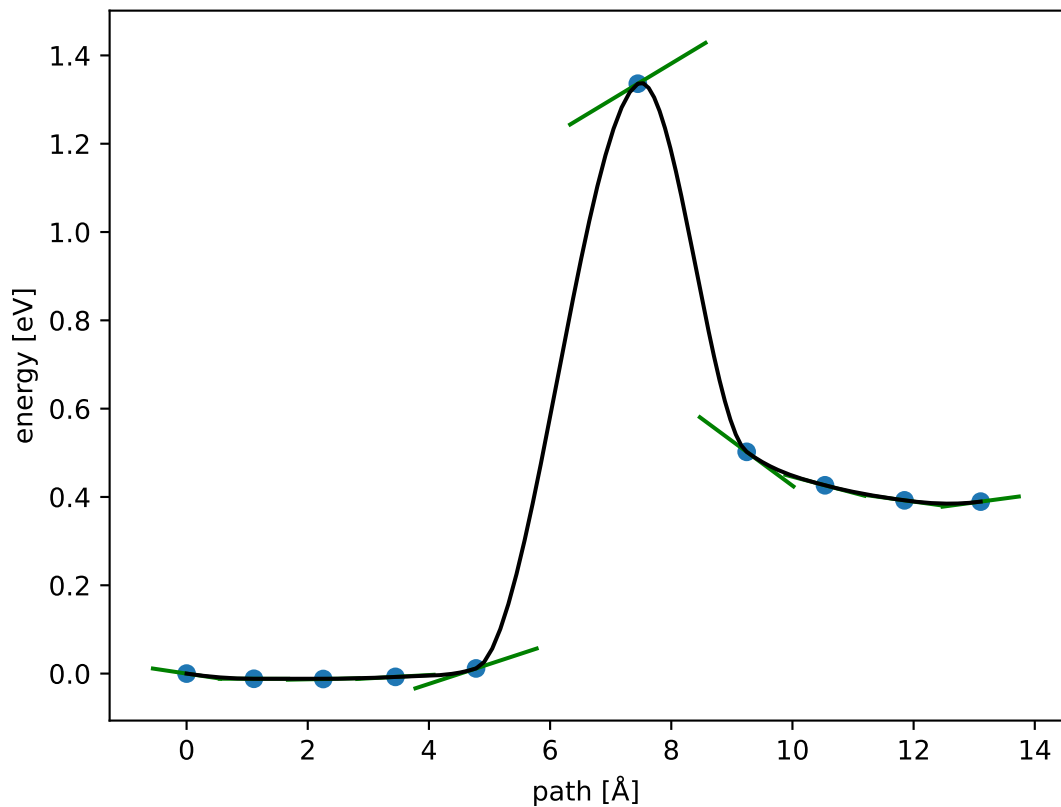
$$E_f \approx 1.344 \text{ eV}; E_r \approx 0.954 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



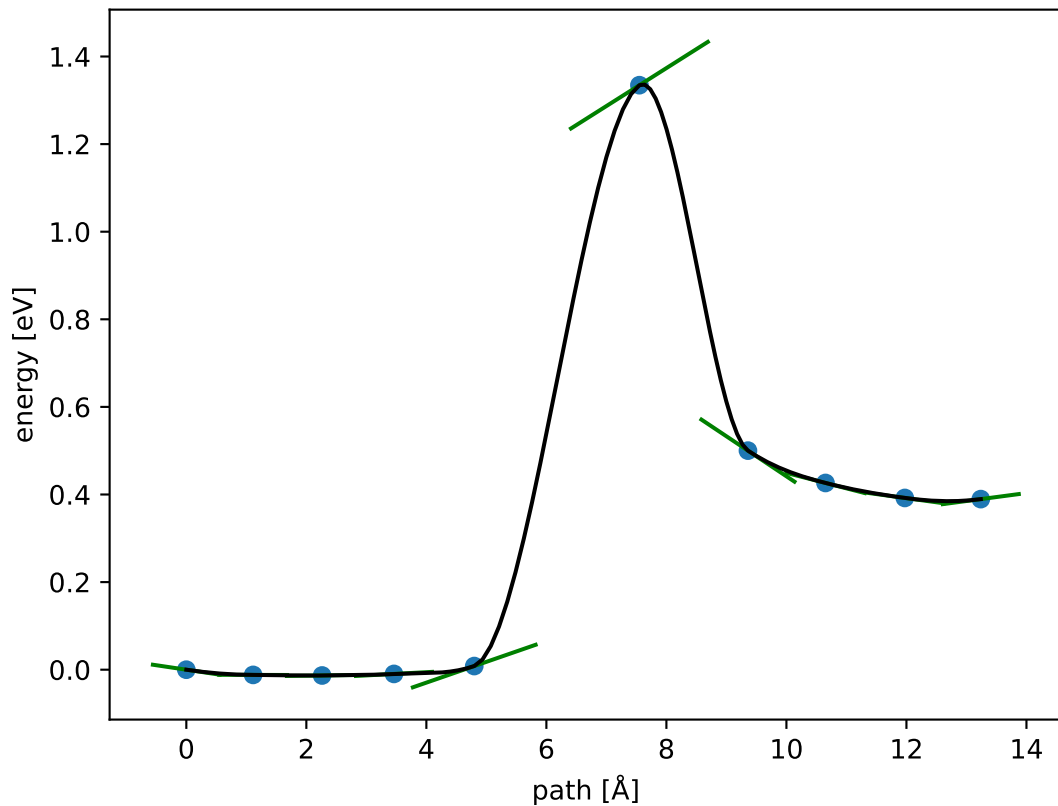
$$E_f \approx 1.339 \text{ eV}; E_r \approx 0.950 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



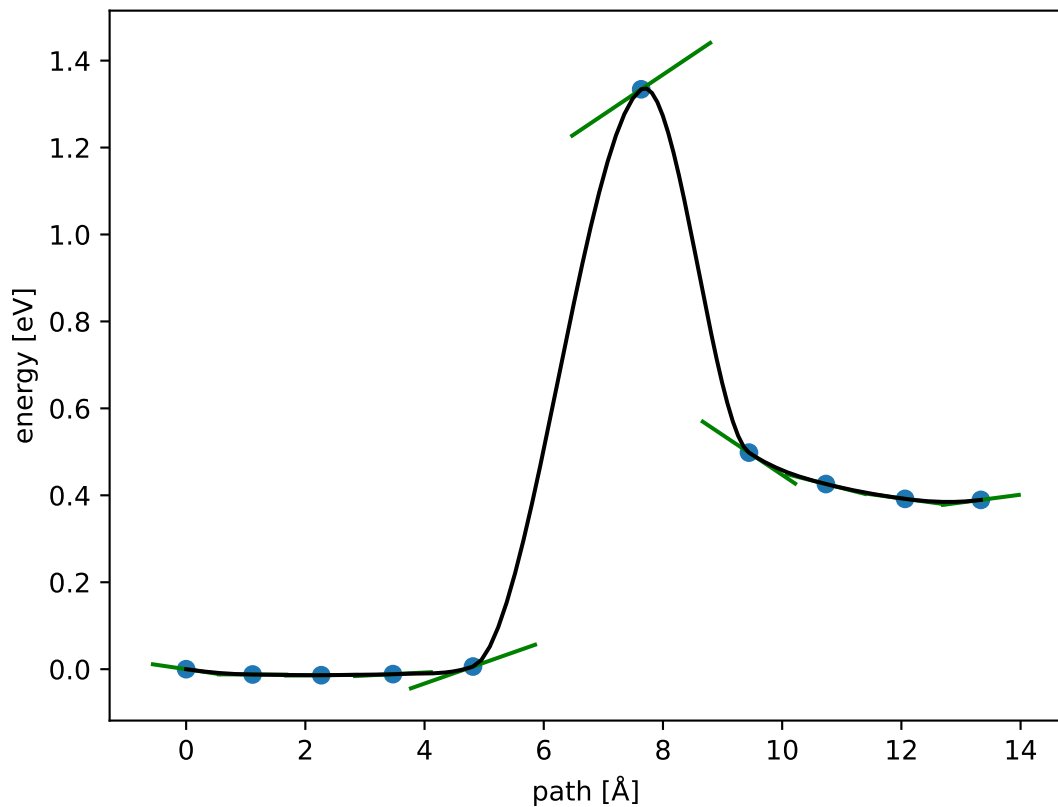
$$E_f \approx 1.336 \text{ eV}; E_r \approx 0.946 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



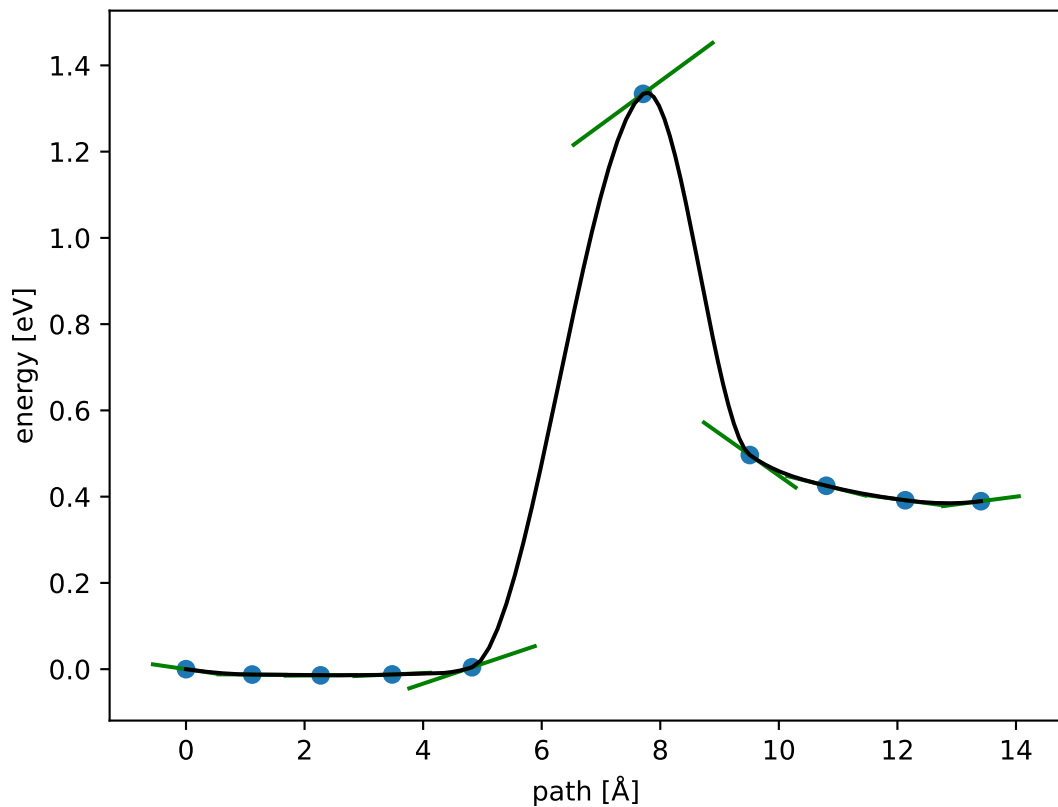
$$E_f \approx 1.335 \text{ eV}; E_r \approx 0.945 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



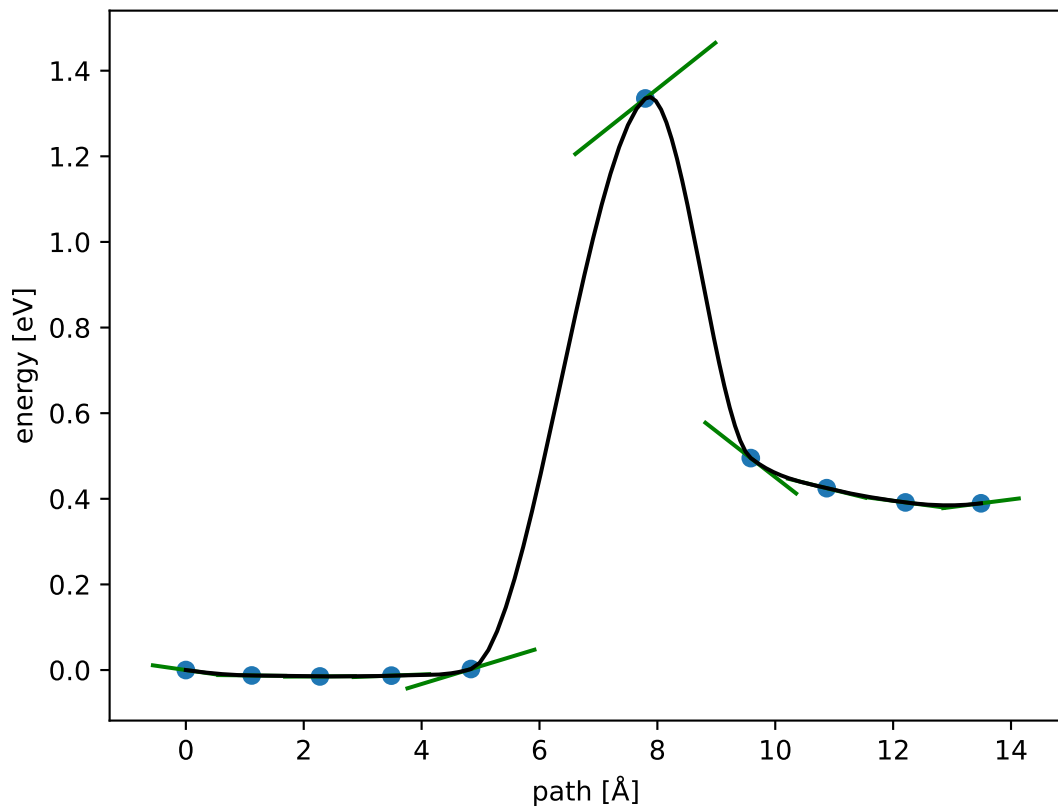
$$E_f \approx 1.334 \text{ eV}; E_r \approx 0.945 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.334 \text{ eV}; E_r \approx 0.945 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

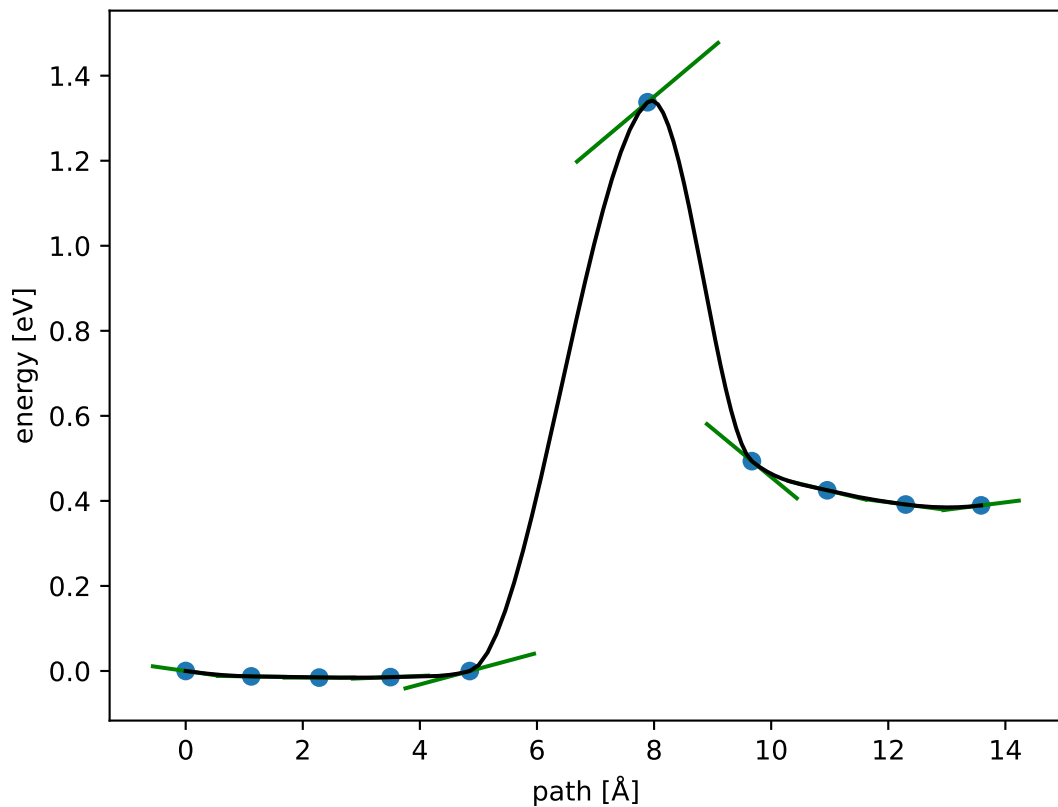


$$E_f \approx 1.335 \text{ eV}; E_r \approx 0.946 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

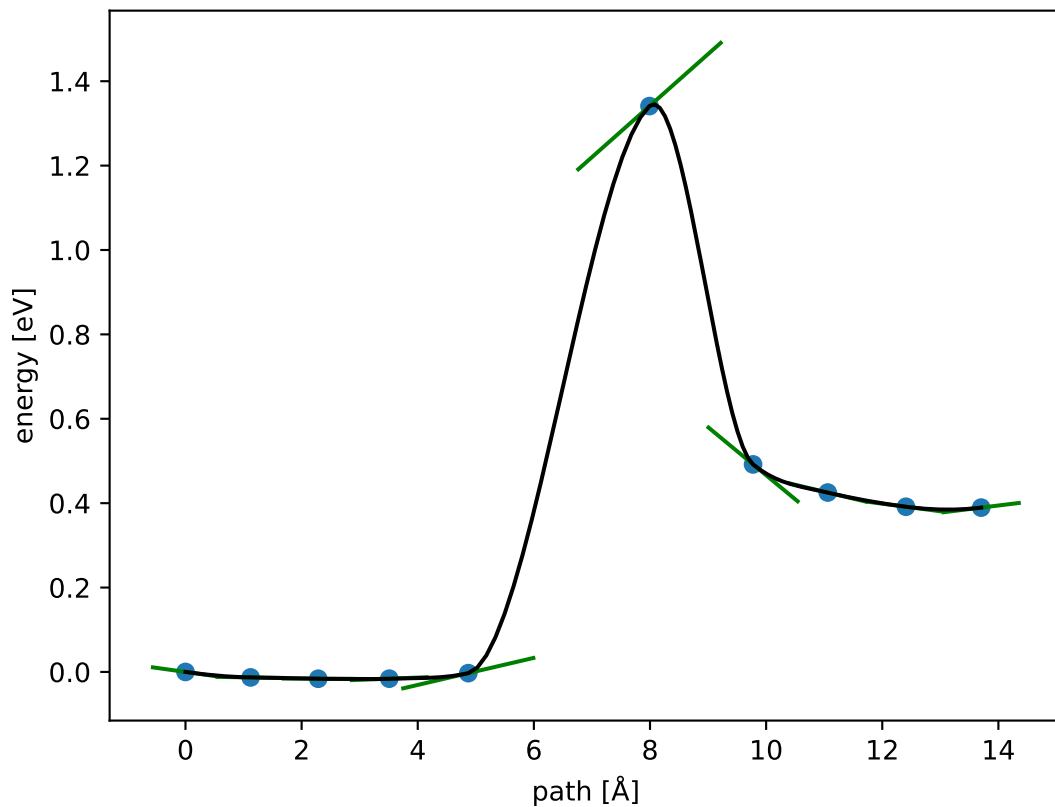




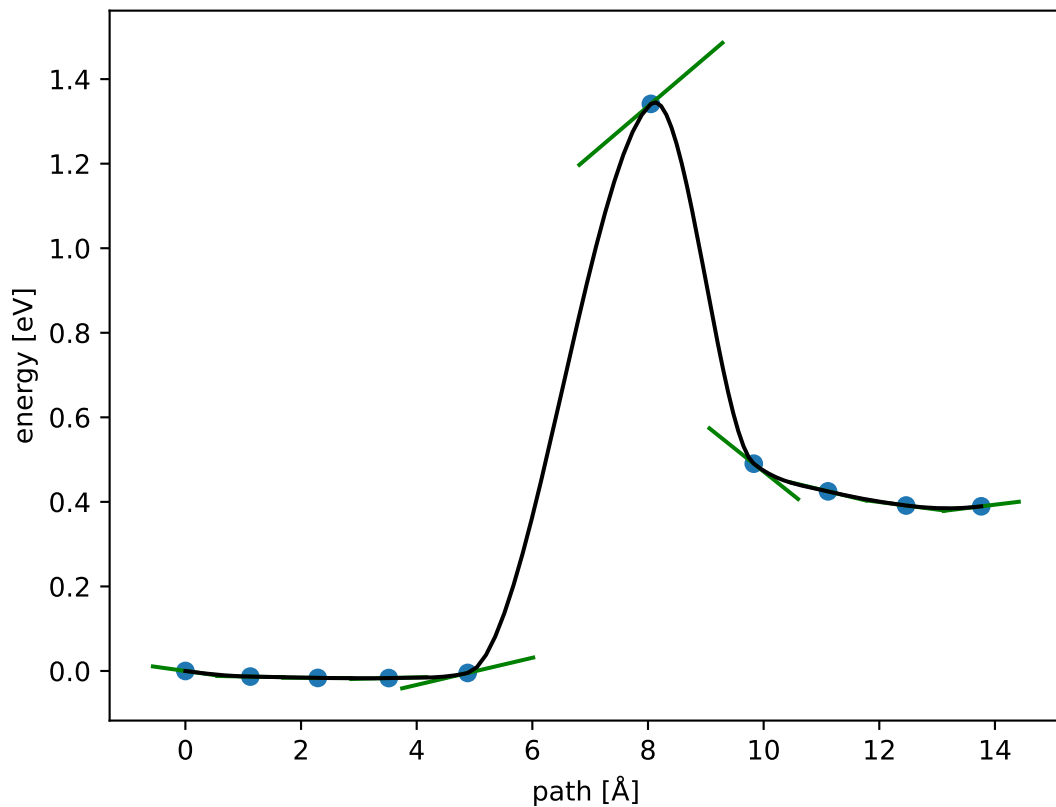
$$E_f \approx 1.338 \text{ eV}; E_r \approx 0.948 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



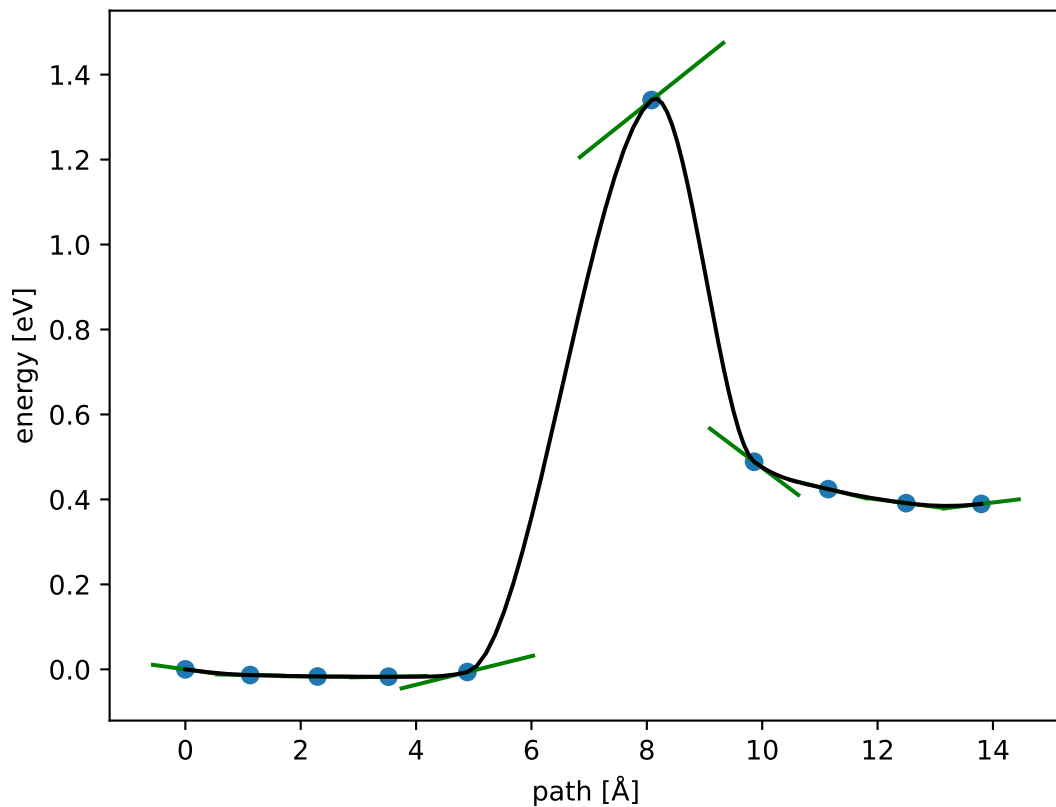
$$E_f \approx 1.341 \text{ eV}; E_r \approx 0.952 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



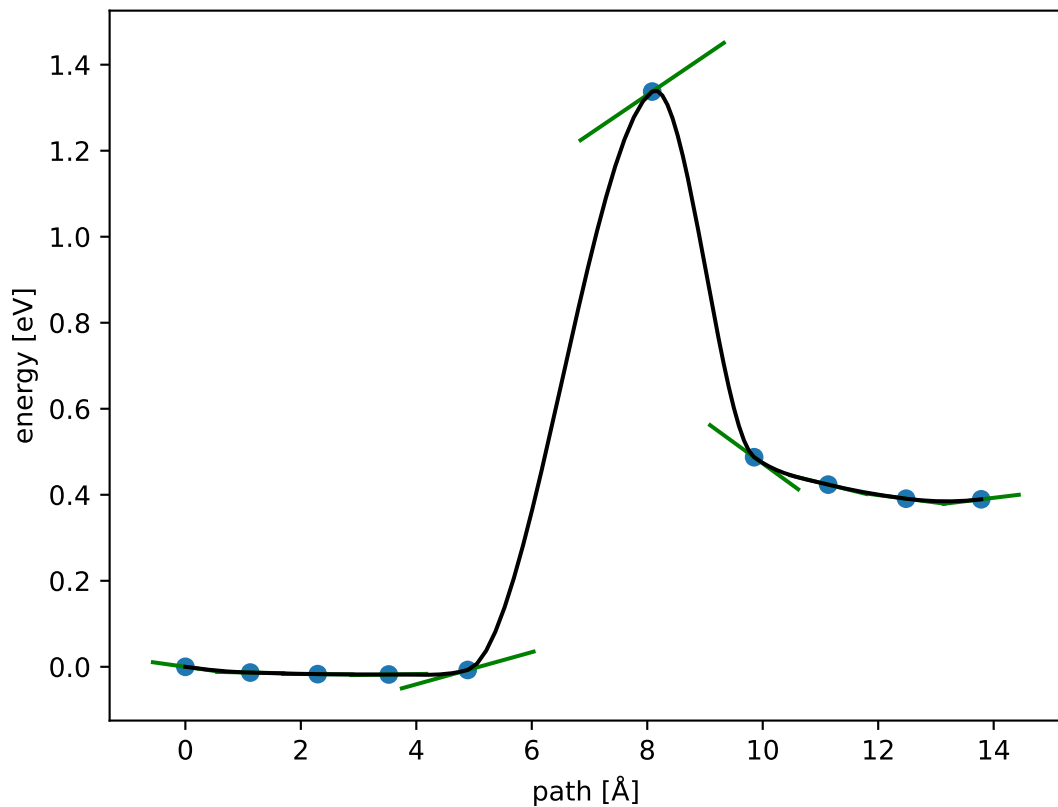
$$E_f \approx 1.341 \text{ eV}; E_r \approx 0.952 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



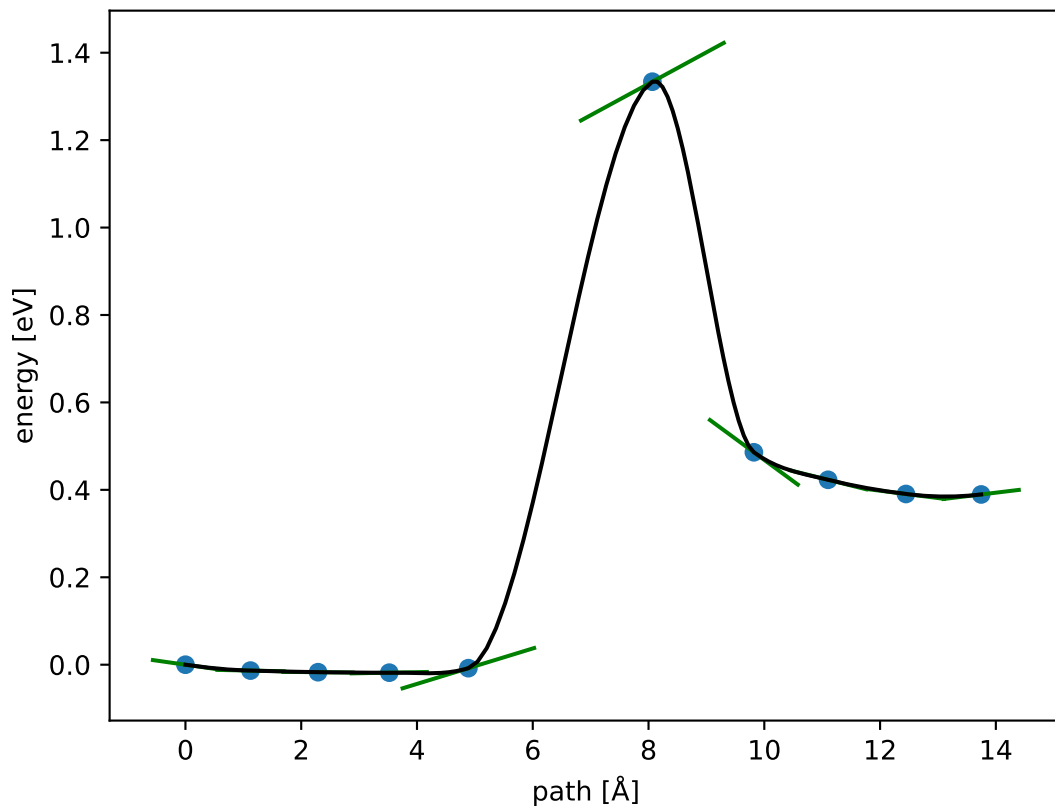
$$E_f \approx 1.340 \text{ eV}; E_r \approx 0.951 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



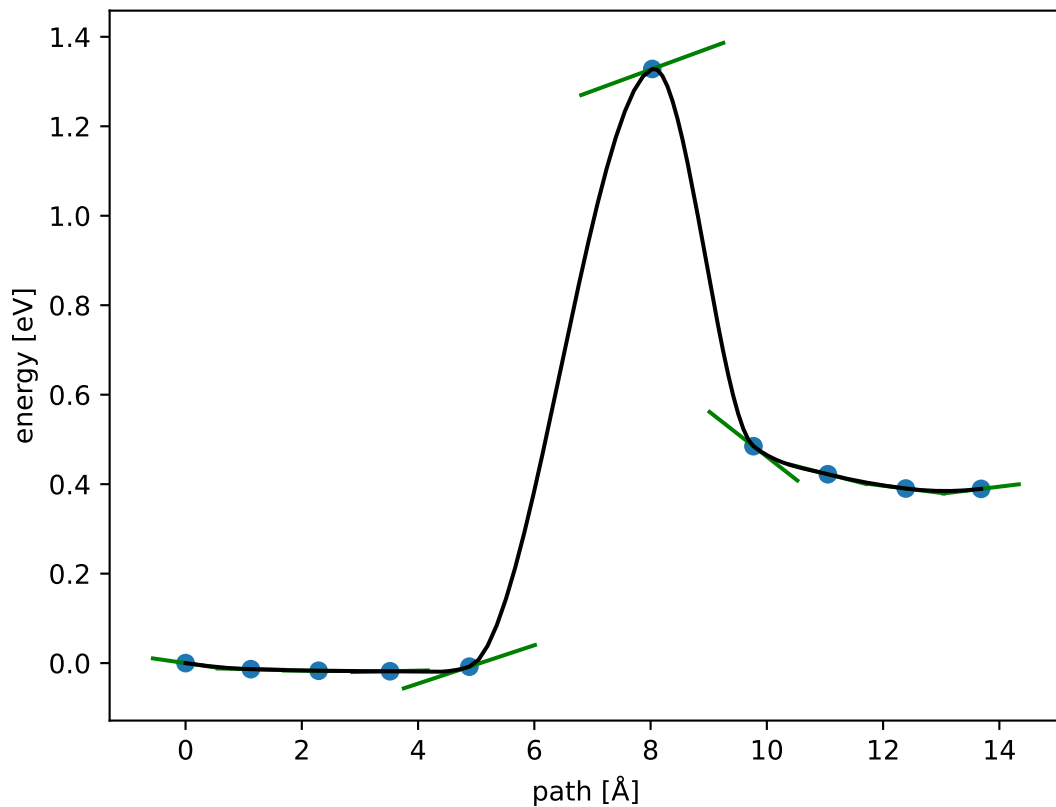
$$E_f \approx 1.338 \text{ eV}; E_r \approx 0.948 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



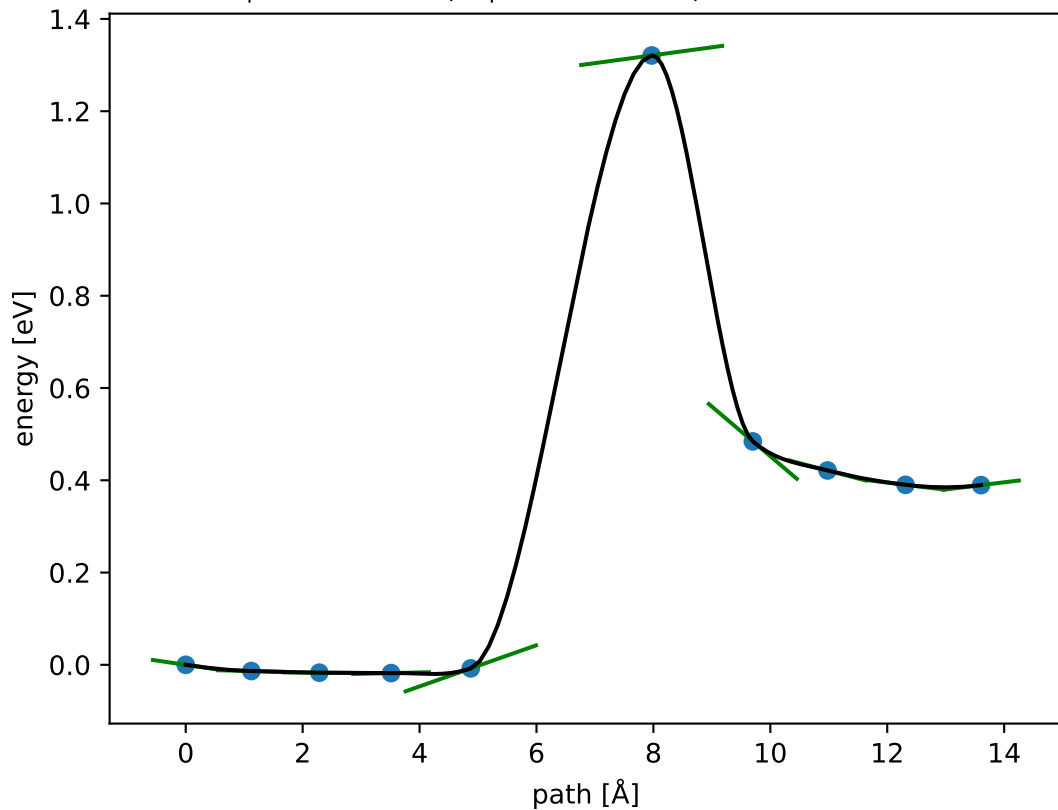
$$E_f \approx 1.334 \text{ eV}; E_r \approx 0.944 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.328 \text{ eV}; E_r \approx 0.939 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

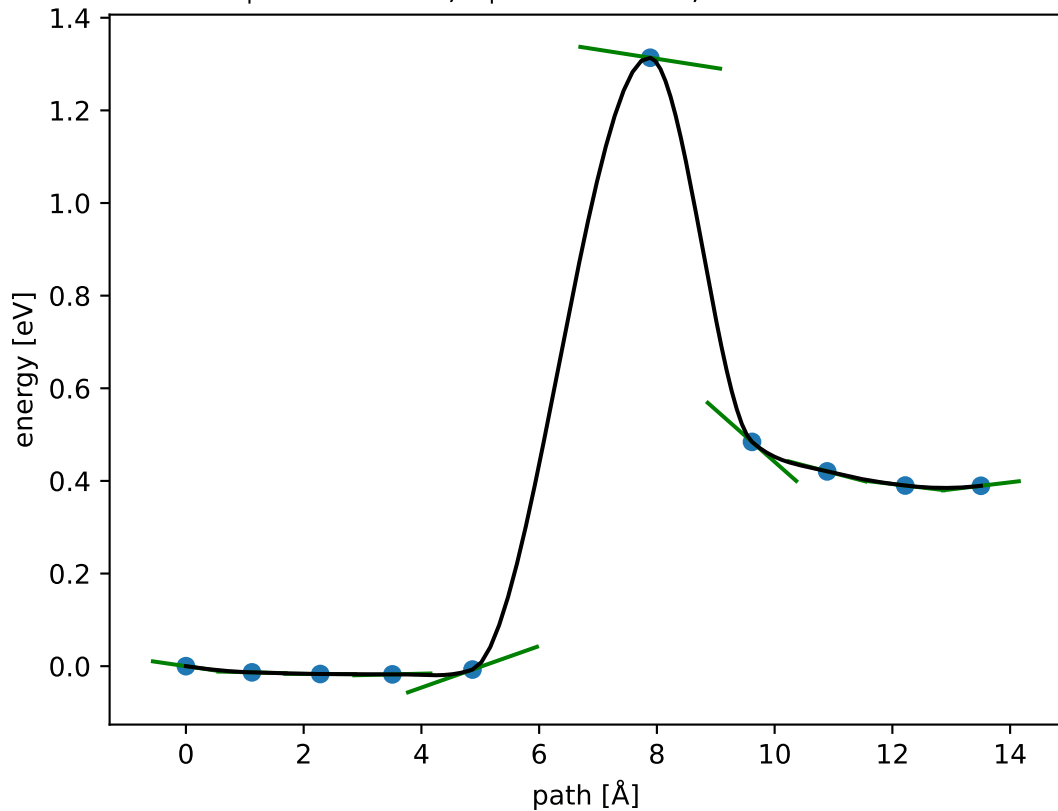


$$E_f \approx 1.321 \text{ eV}; E_r \approx 0.931 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

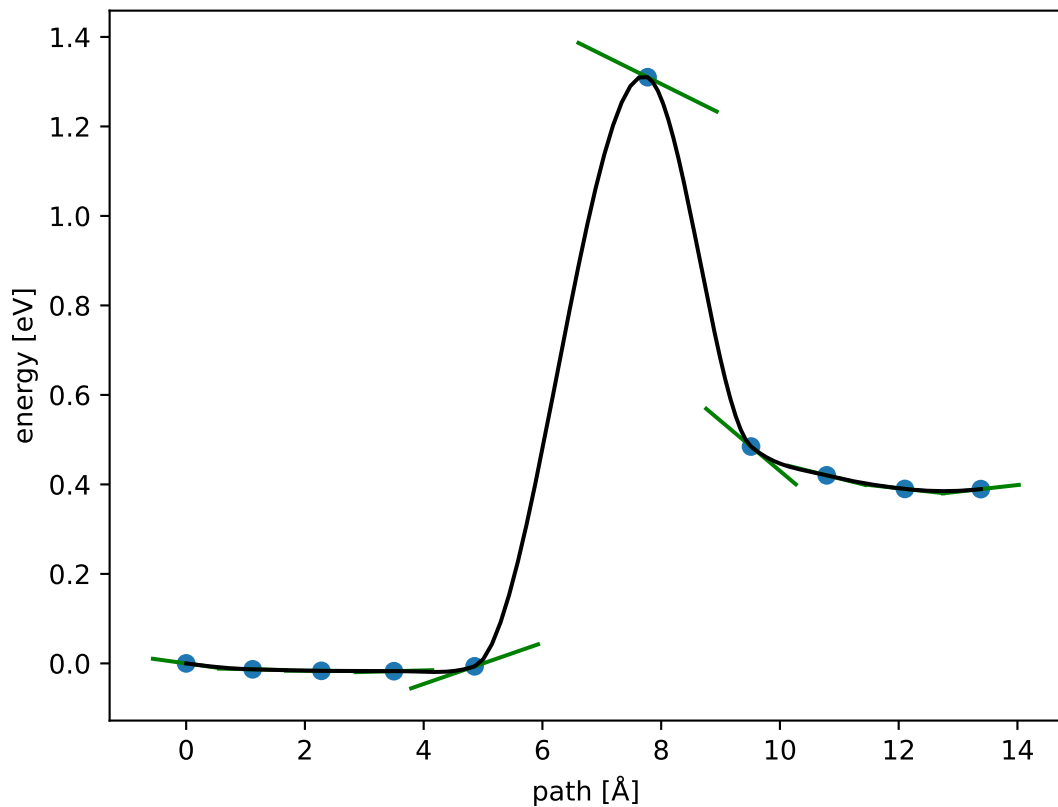




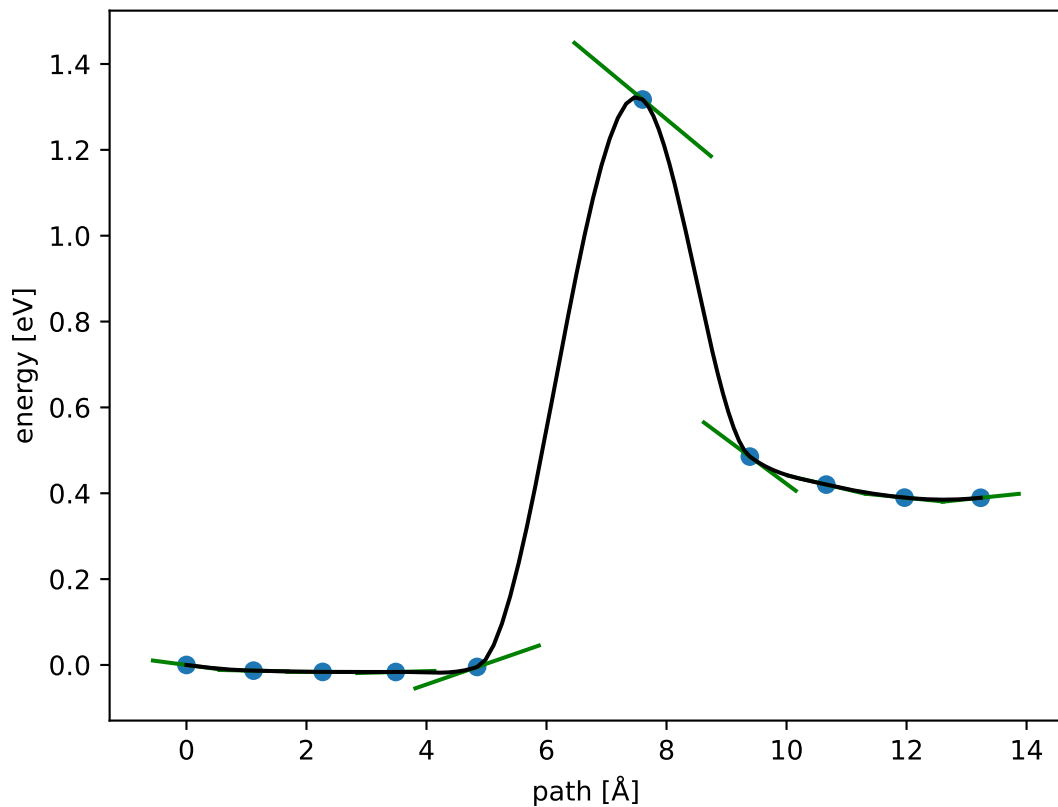
$$E_f \approx 1.314 \text{ eV}; E_r \approx 0.924 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



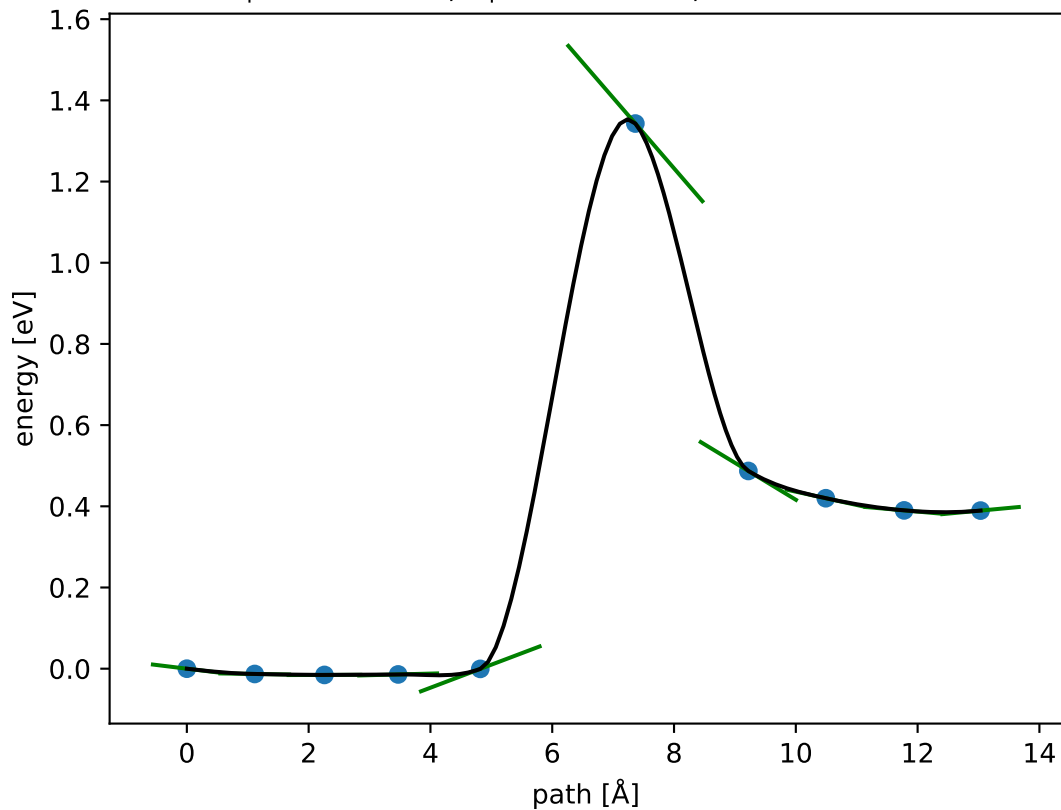
$$E_f \approx 1.310 \text{ eV}; E_r \approx 0.921 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



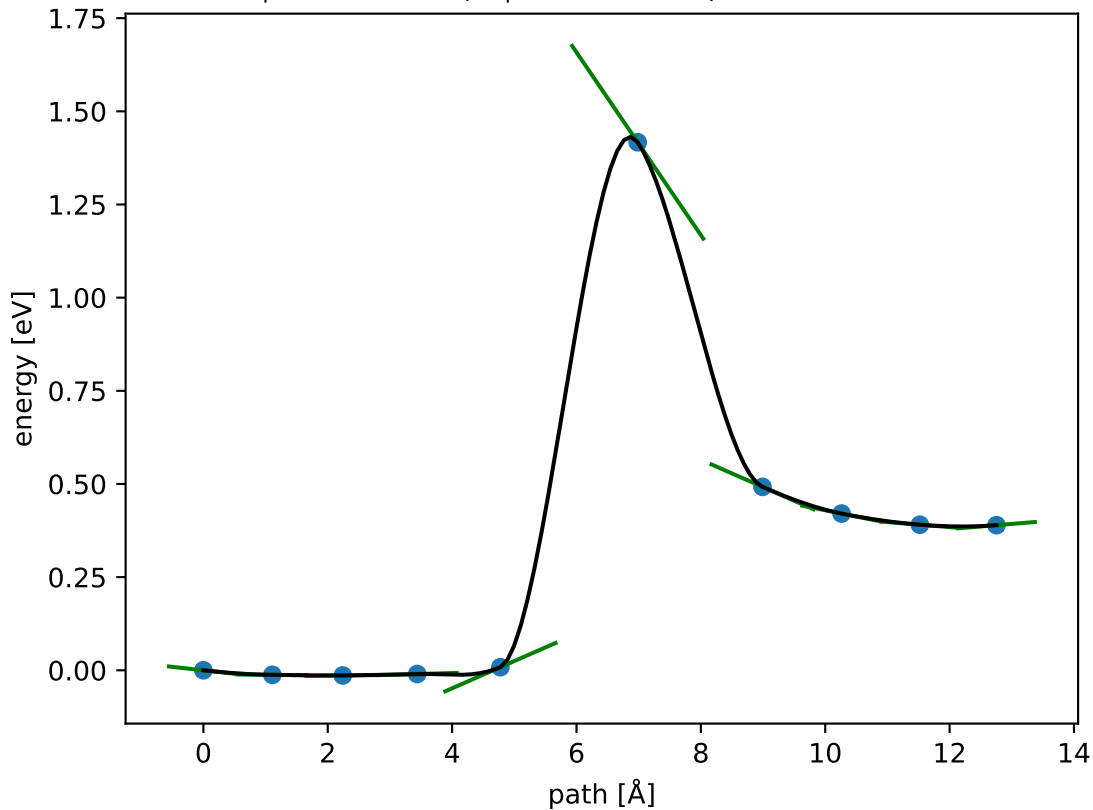
$$E_f \approx 1.317 \text{ eV}; E_r \approx 0.928 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



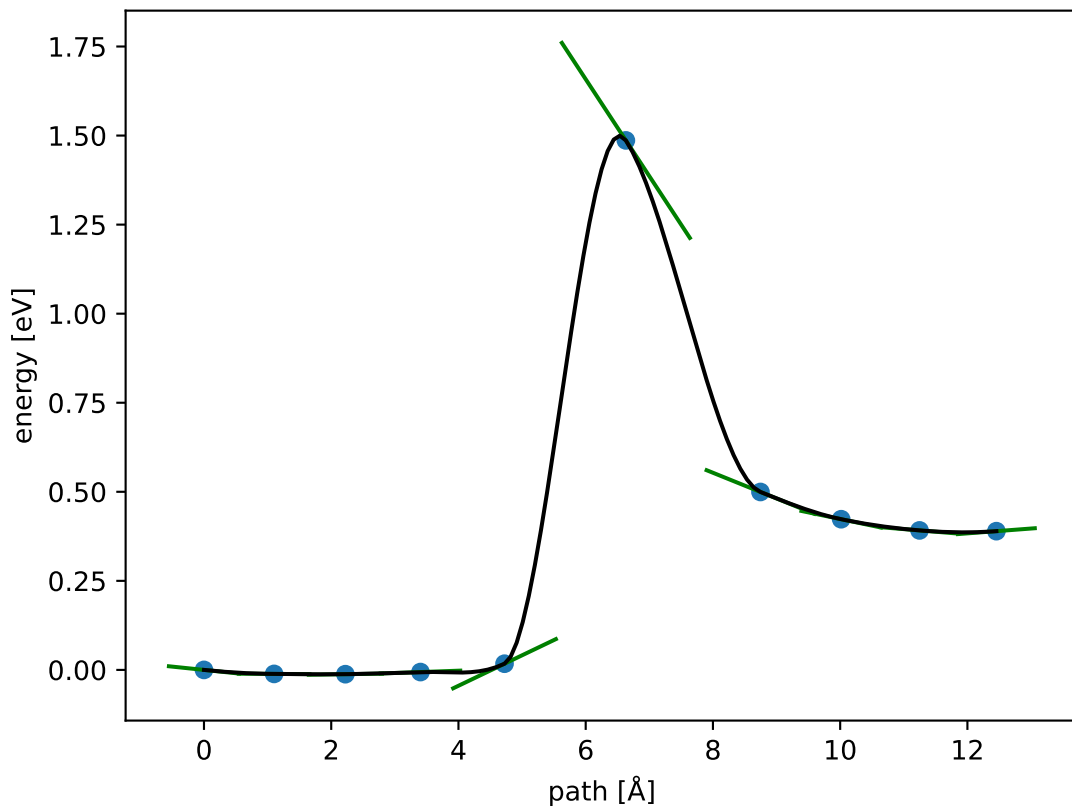
$$E_f \approx 1.343 \text{ eV}; E_r \approx 0.953 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



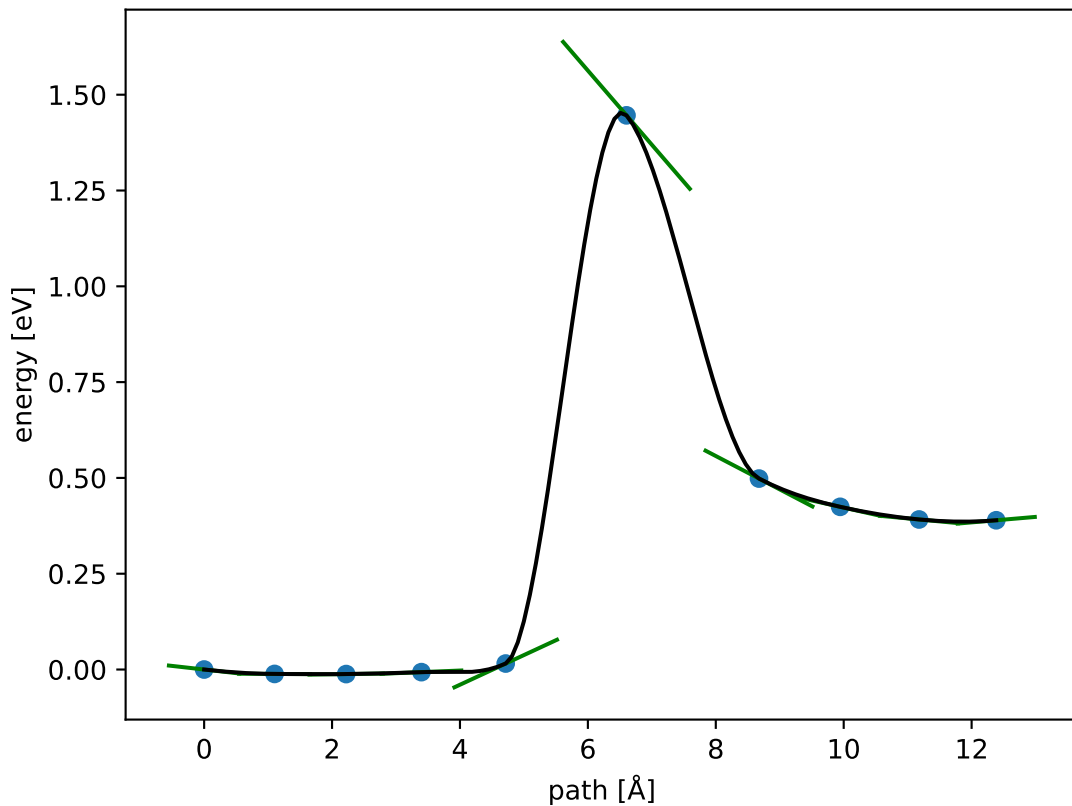
$$E_f \approx 1.417 \text{ eV}; E_r \approx 1.028 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



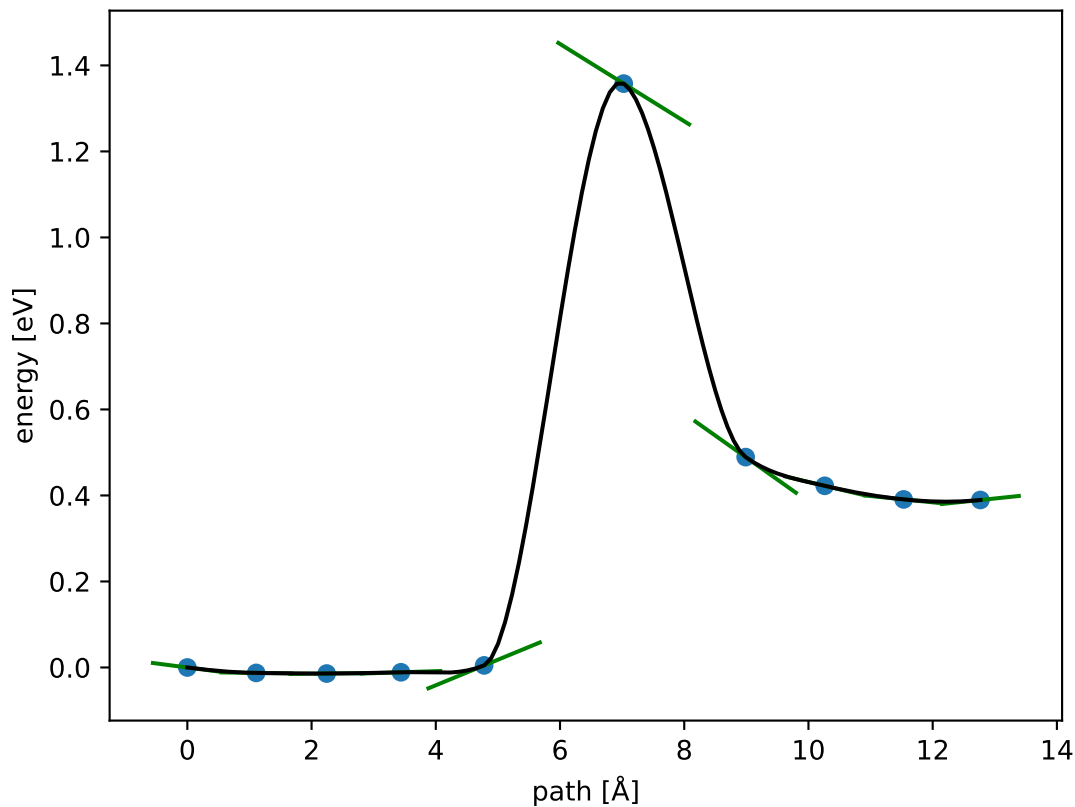
$$E_f \approx 1.486 \text{ eV}; E_r \approx 1.097 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.446 \text{ eV}; E_r \approx 1.057 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

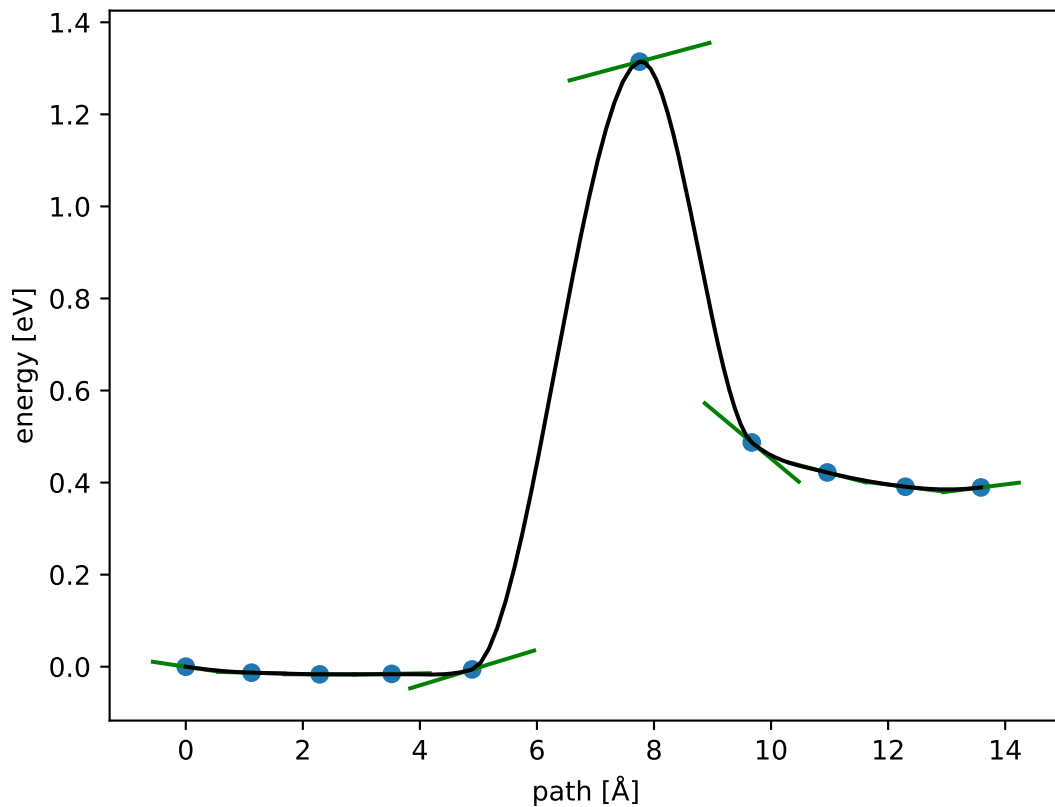


$$E_f \approx 1.358 \text{ eV}; E_r \approx 0.968 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

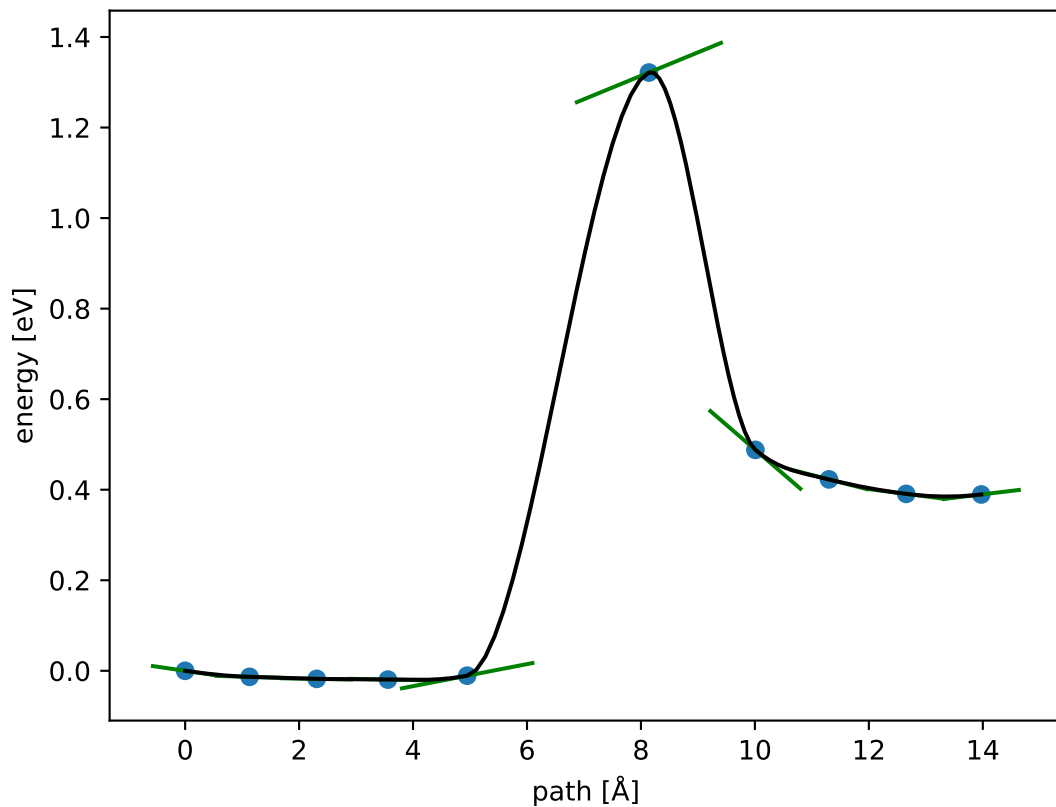




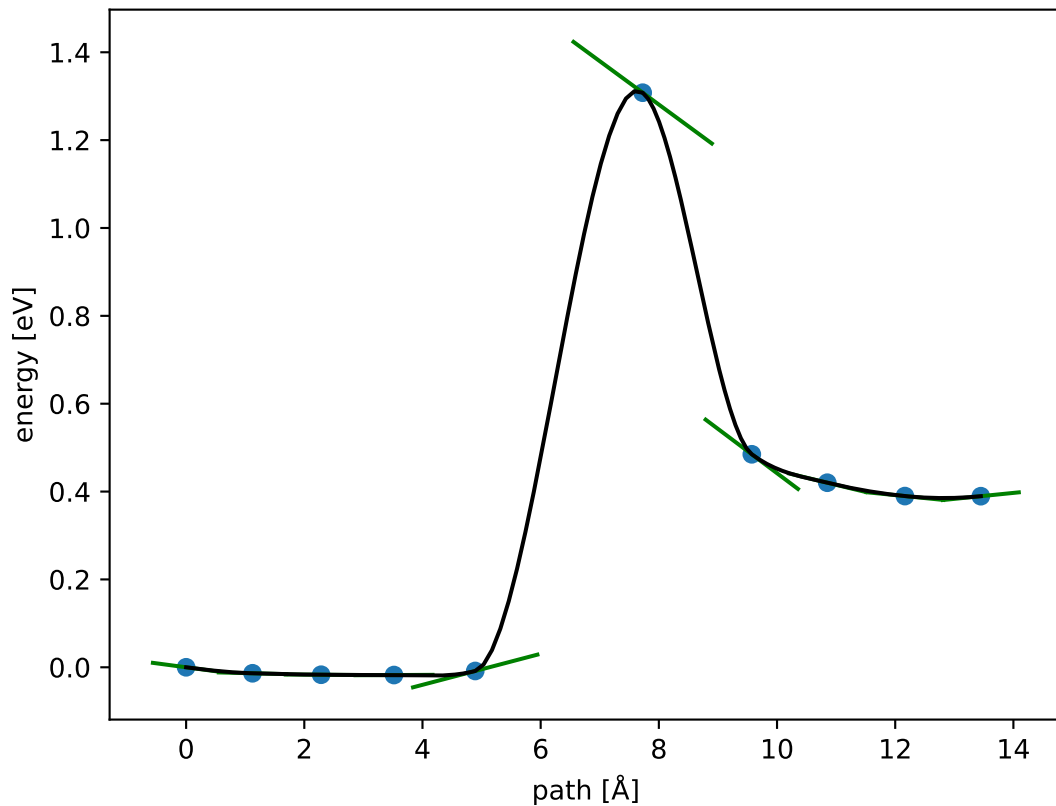
$$E_f \approx 1.314 \text{ eV}; E_r \approx 0.925 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



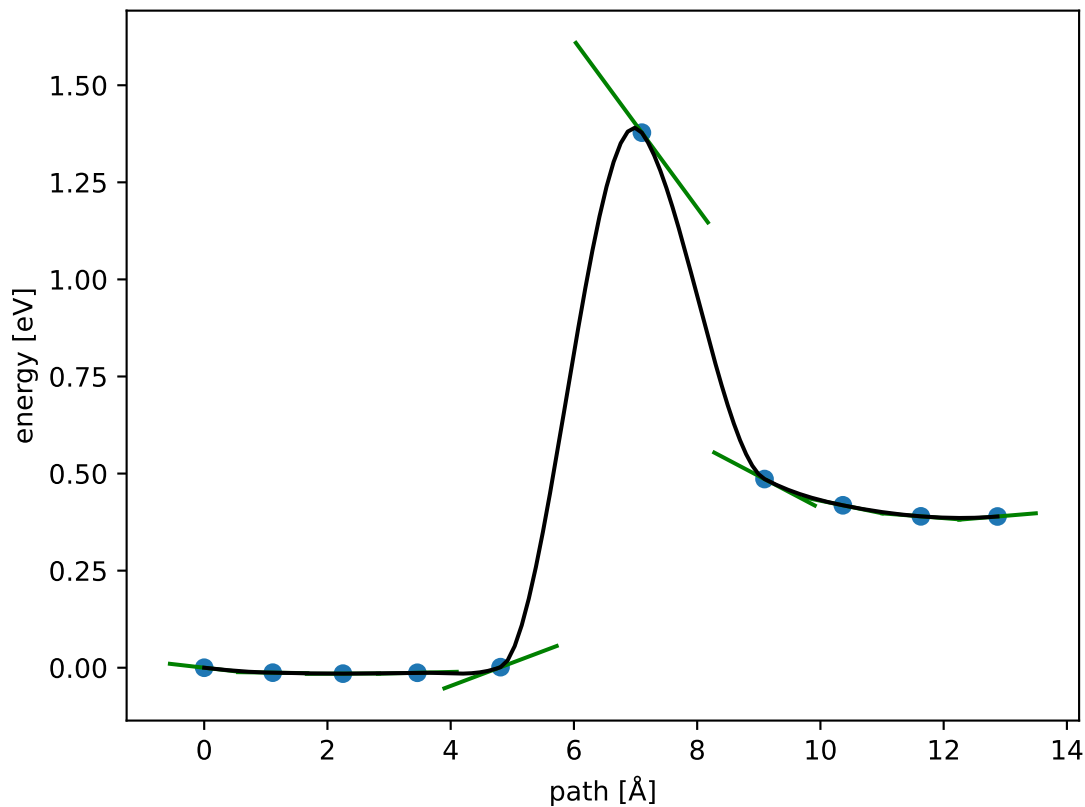
$$E_f \approx 1.322 \text{ eV}; E_r \approx 0.932 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



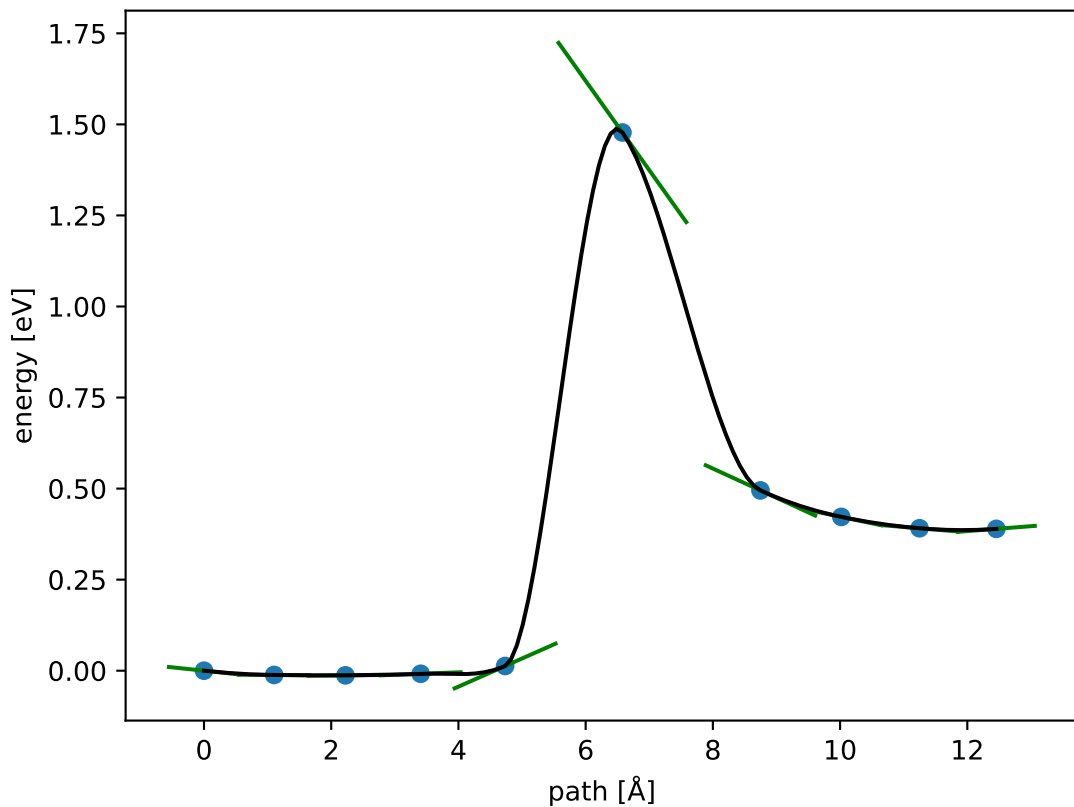
$$E_f \approx 1.308 \text{ eV}; E_r \approx 0.918 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



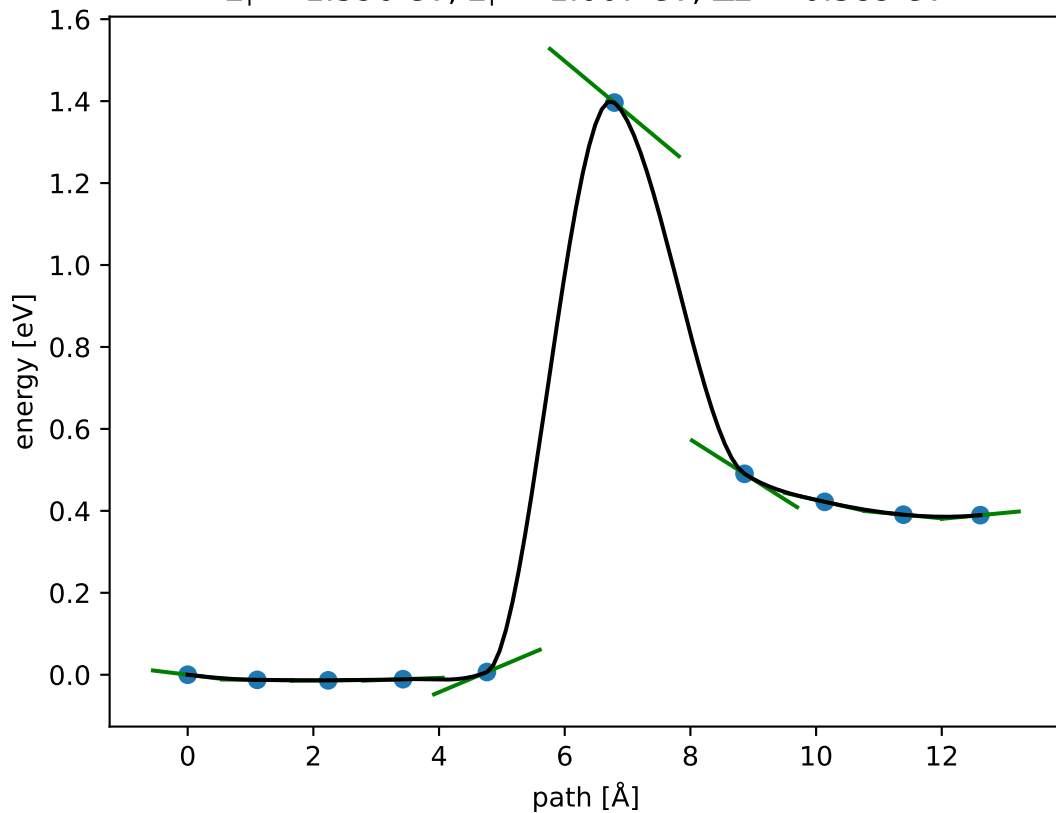
$$E_f \approx 1.378 \text{ eV}; E_r \approx 0.988 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



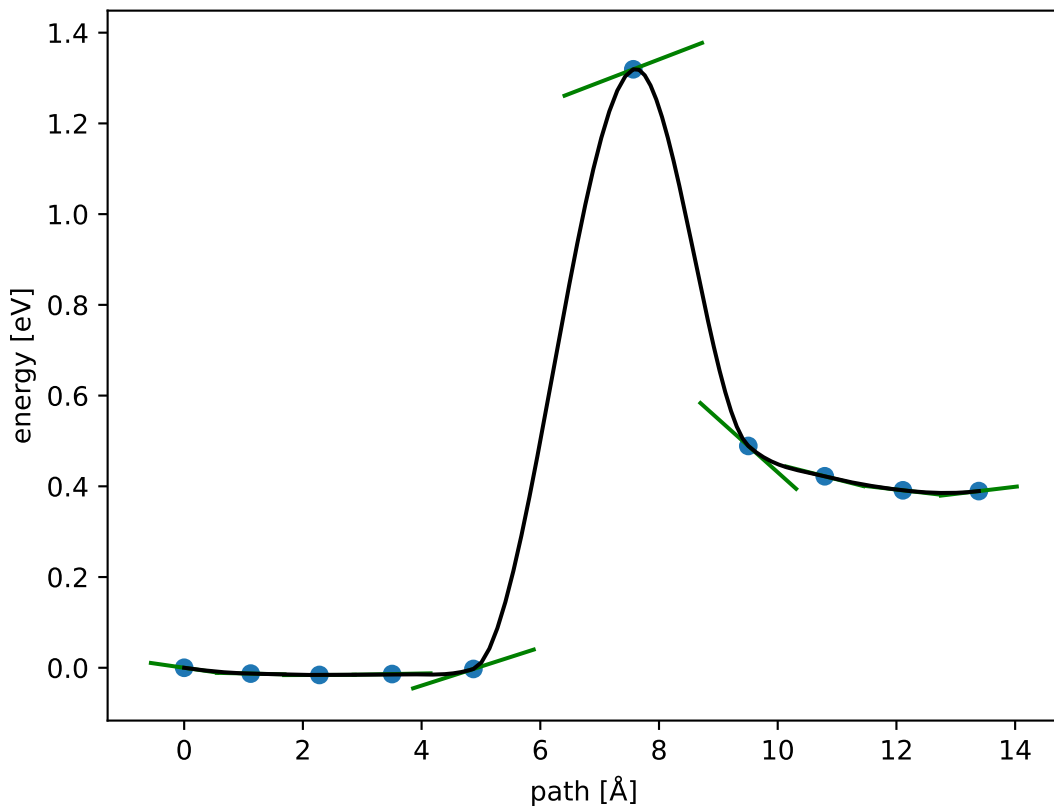
$$E_f \approx 1.478 \text{ eV}; E_r \approx 1.088 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



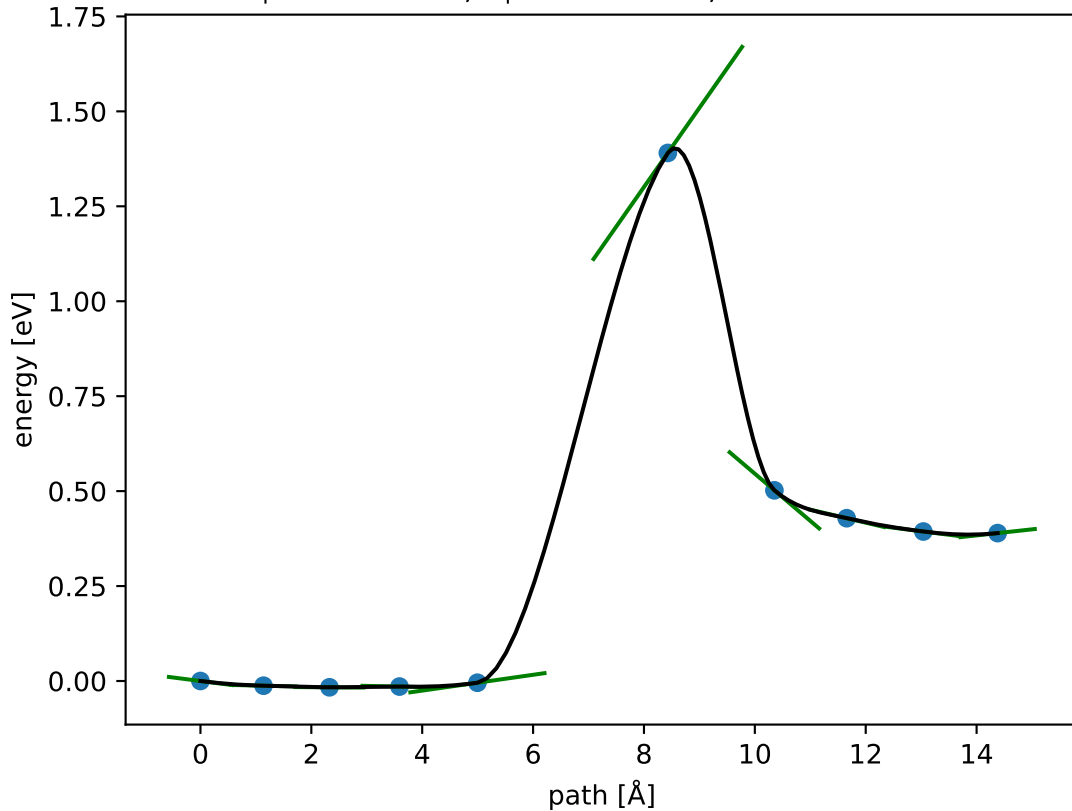
$$E_f \approx 1.396 \text{ eV}; E_r \approx 1.007 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.319 \text{ eV}; E_r \approx 0.930 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

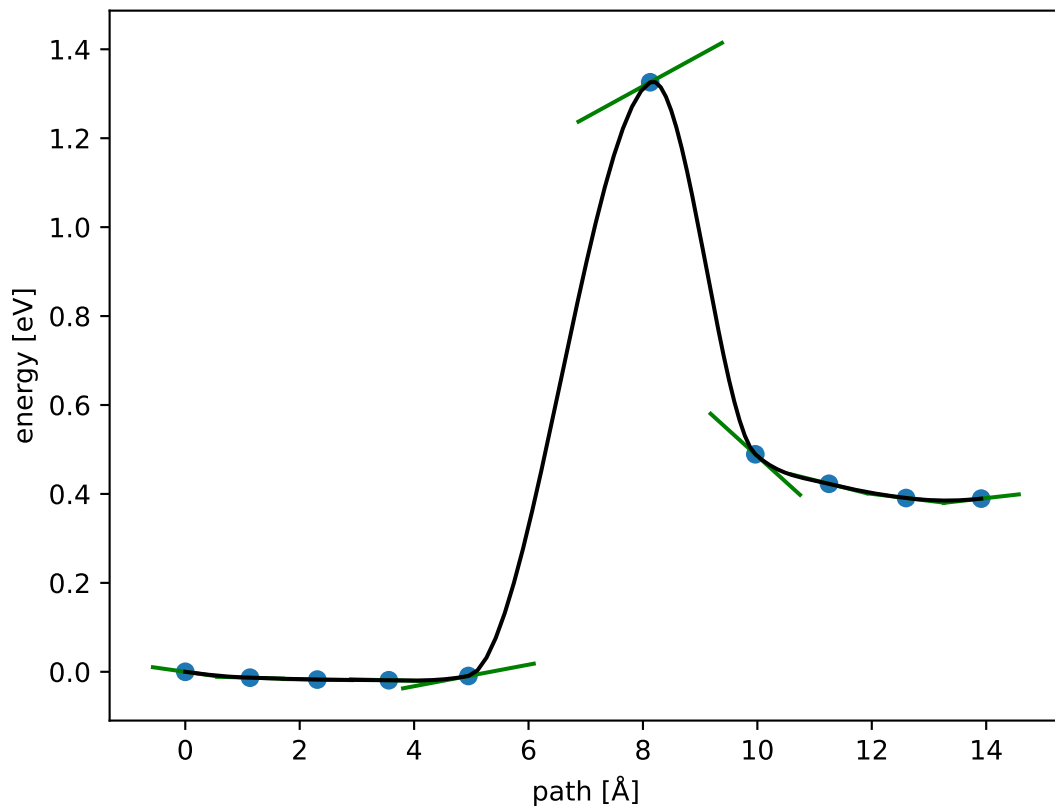


$$E_f \approx 1.390 \text{ eV}; E_r \approx 1.001 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

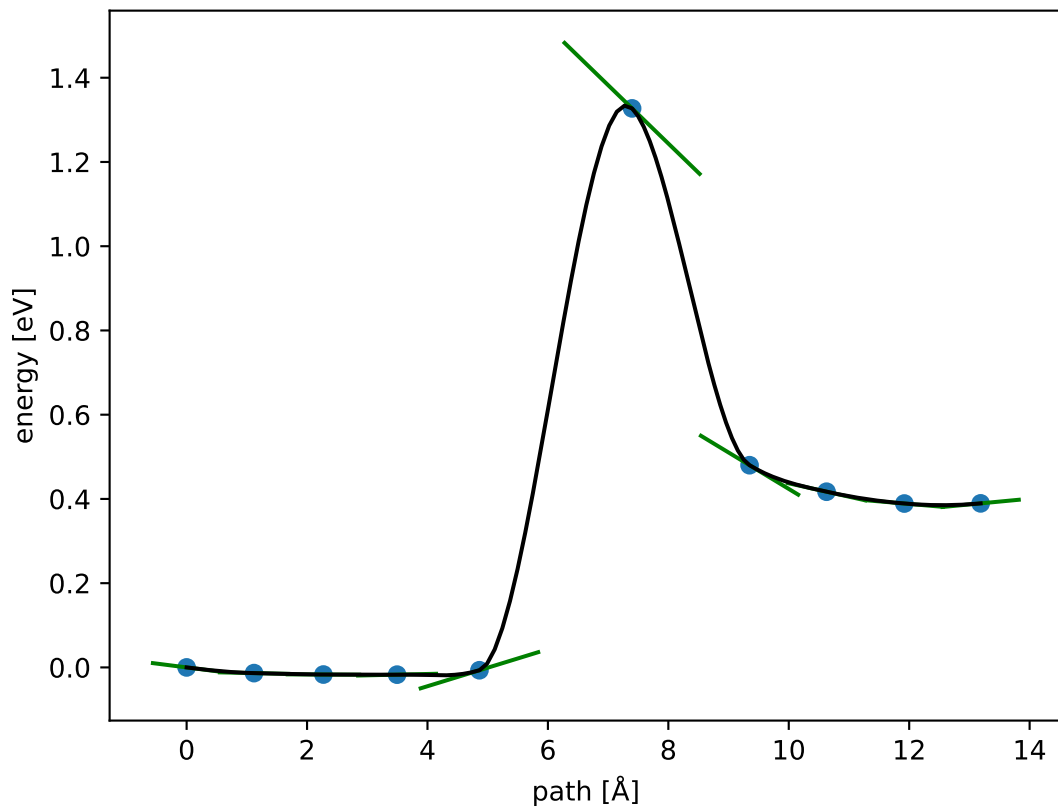




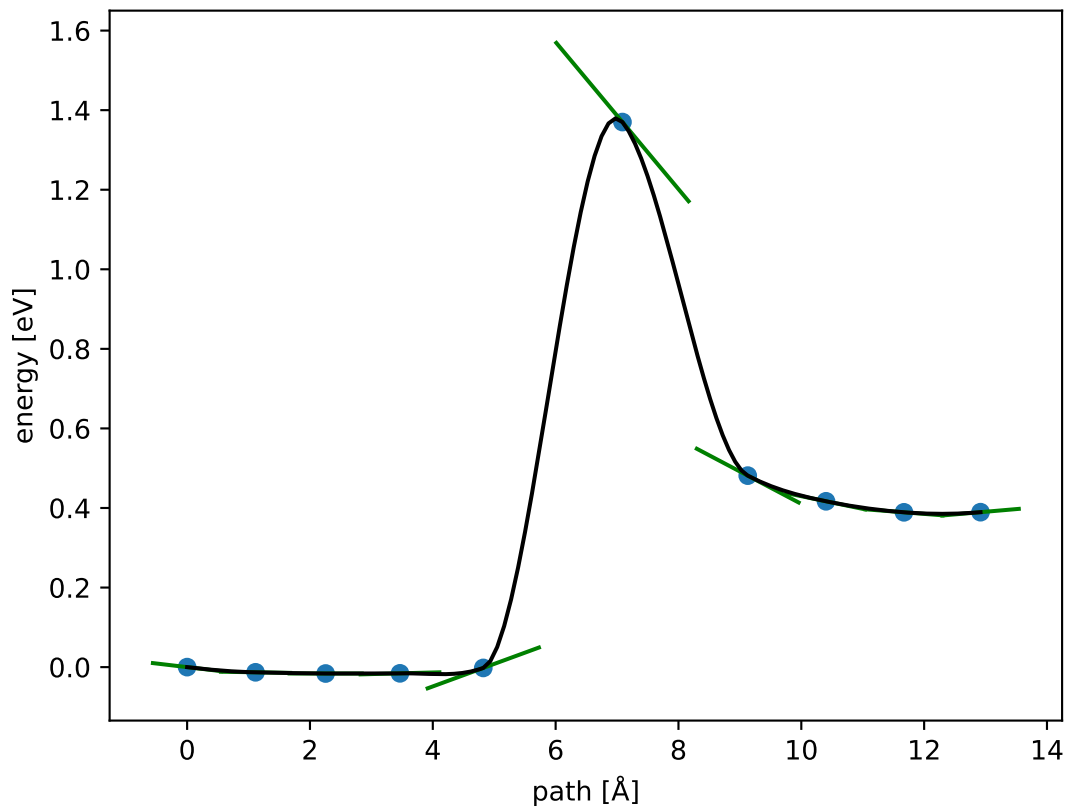
$$E_f \approx 1.326 \text{ eV}; E_r \approx 0.936 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



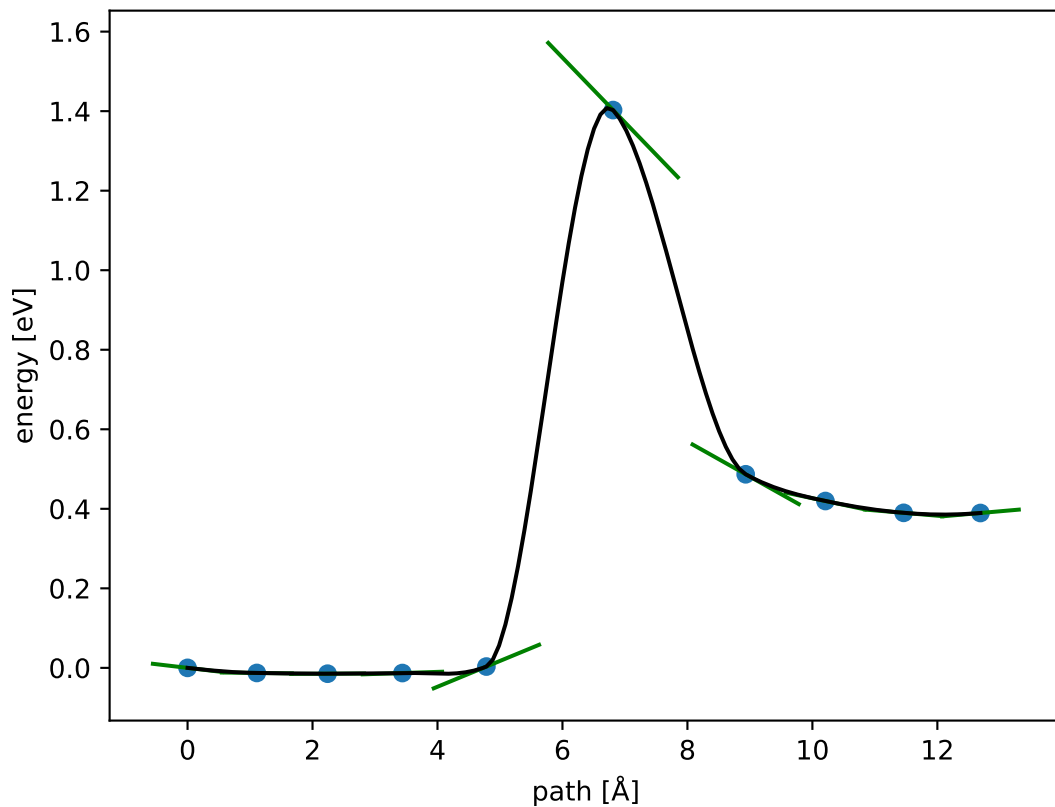
$$E_f \approx 1.327 \text{ eV}; E_r \approx 0.938 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



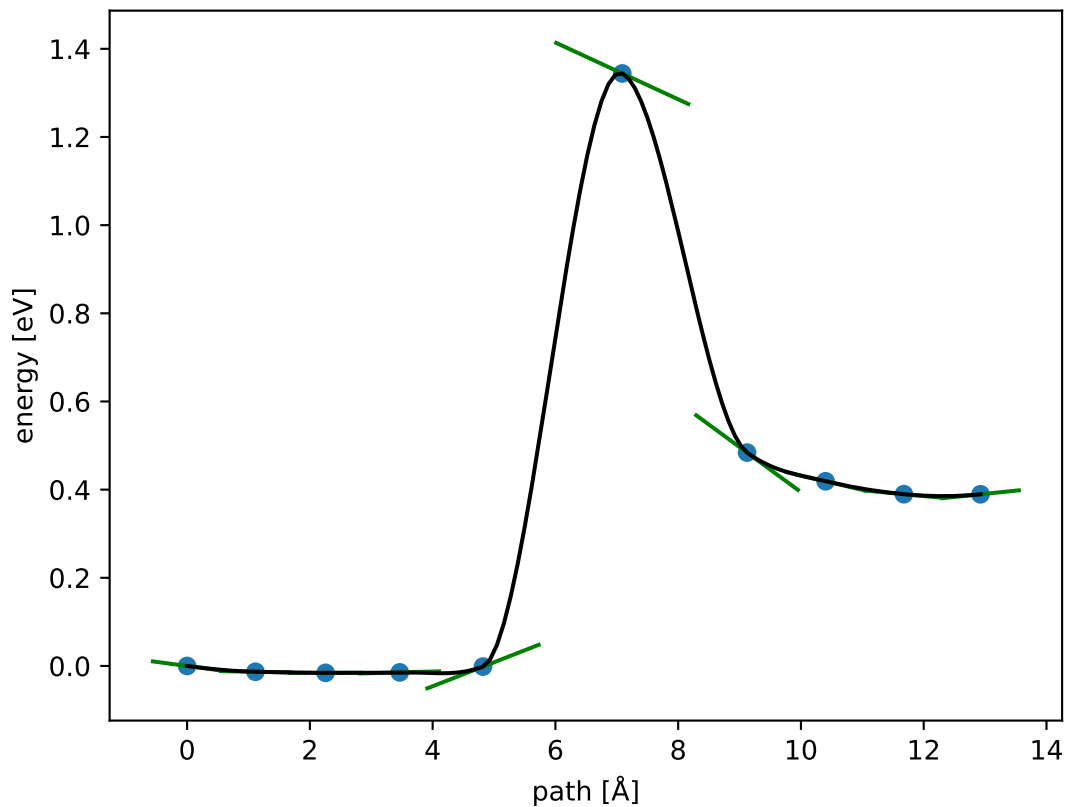
$$E_f \approx 1.370 \text{ eV}; E_r \approx 0.981 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



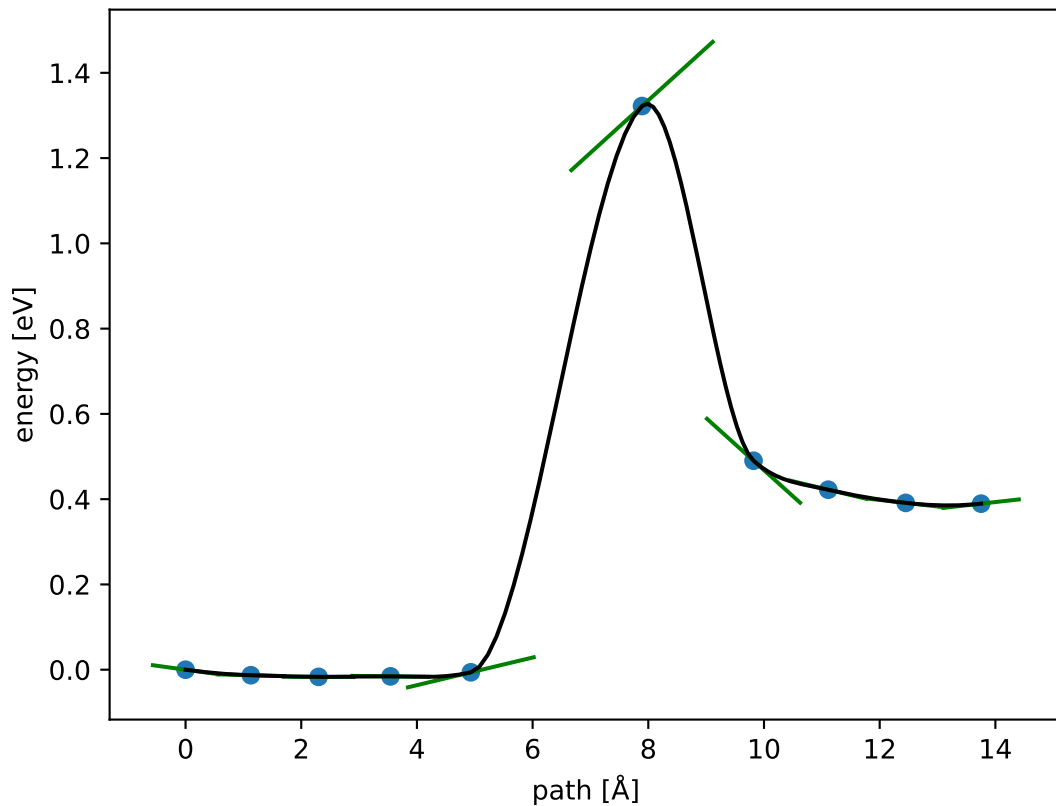
$$E_f \approx 1.403 \text{ eV}; E_r \approx 1.013 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



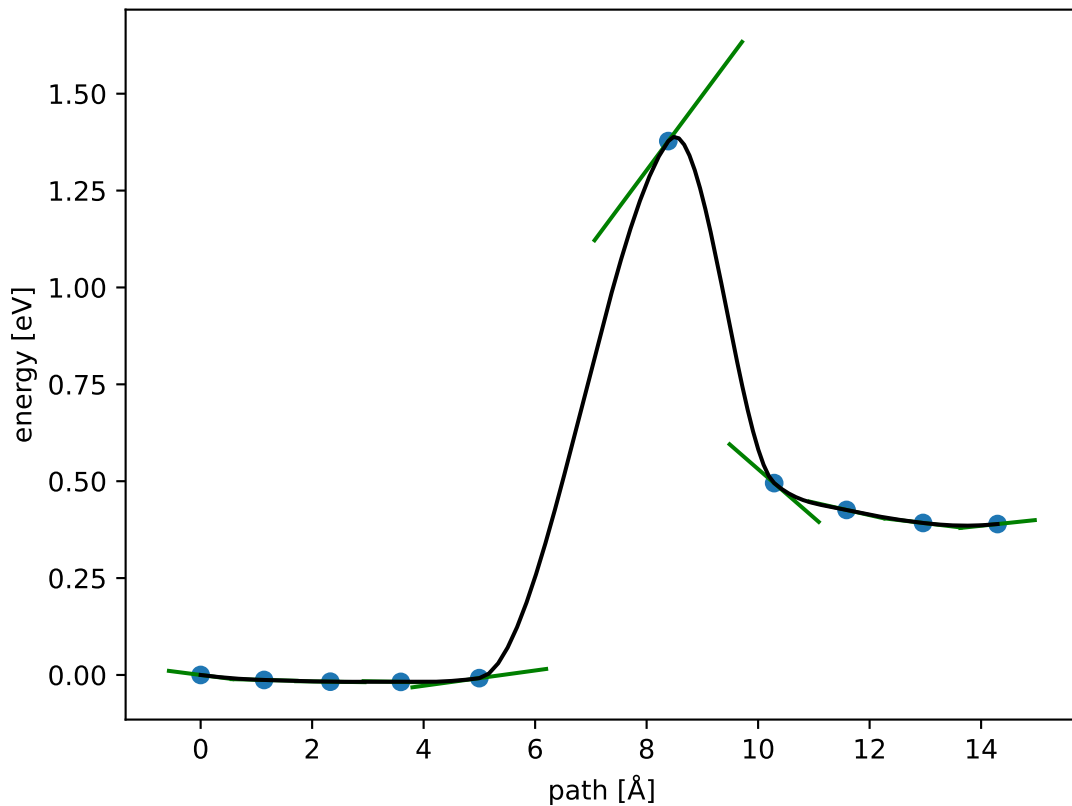
$$E_f \approx 1.344 \text{ eV}; E_r \approx 0.955 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



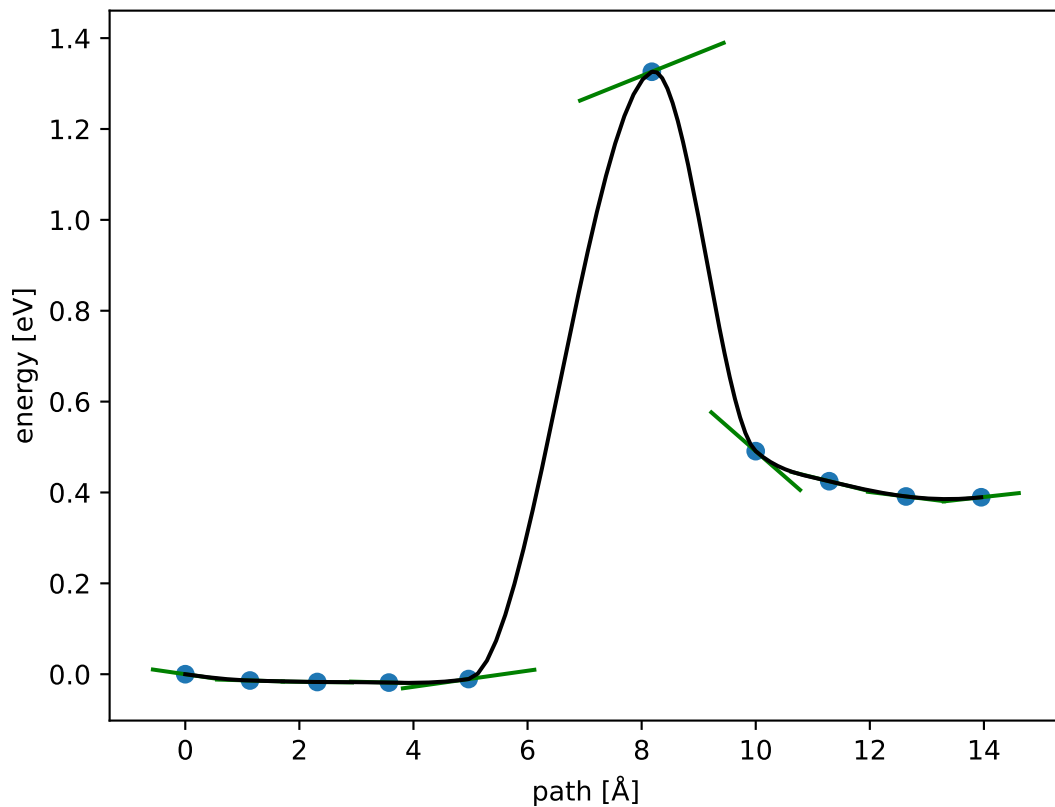
$$E_f \approx 1.322 \text{ eV}; E_r \approx 0.933 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.378 \text{ eV}; E_r \approx 0.988 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

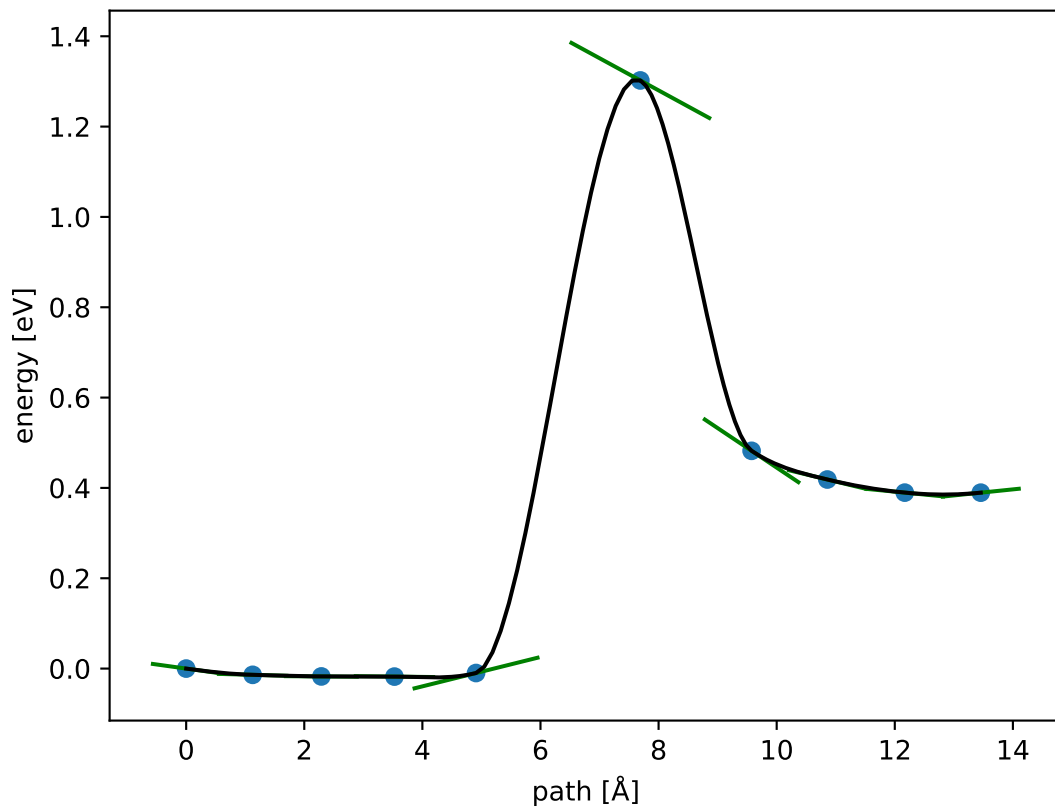


$$E_f \approx 1.326 \text{ eV}; E_r \approx 0.937 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

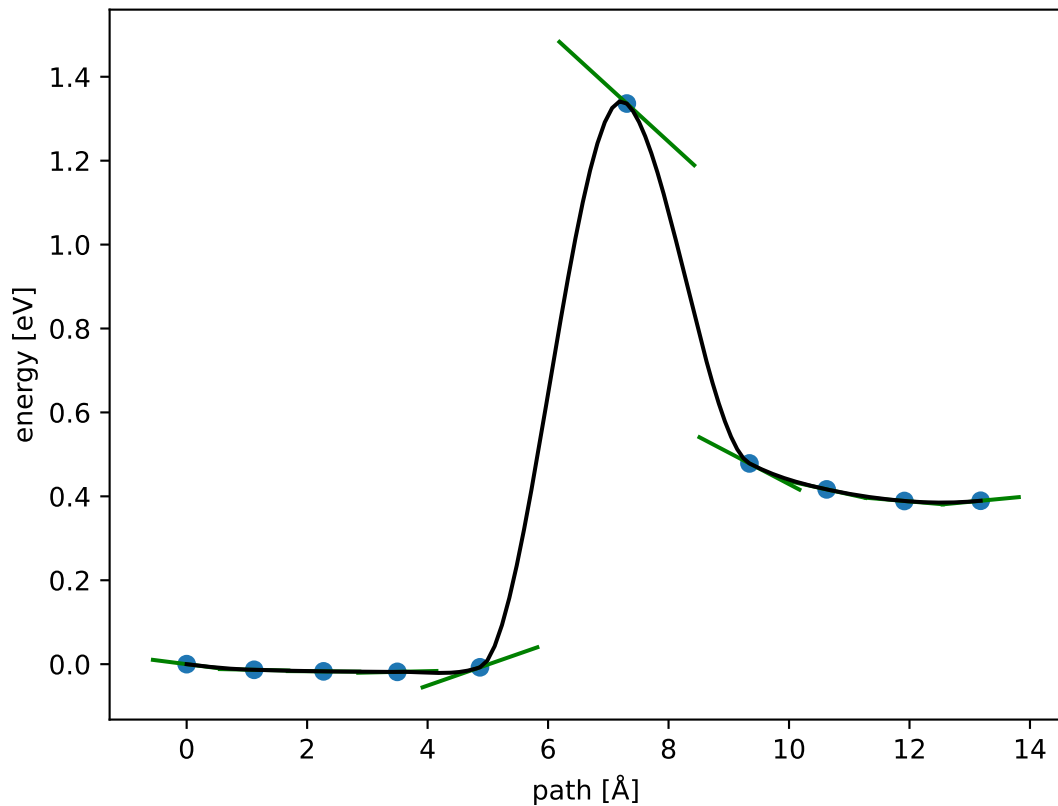




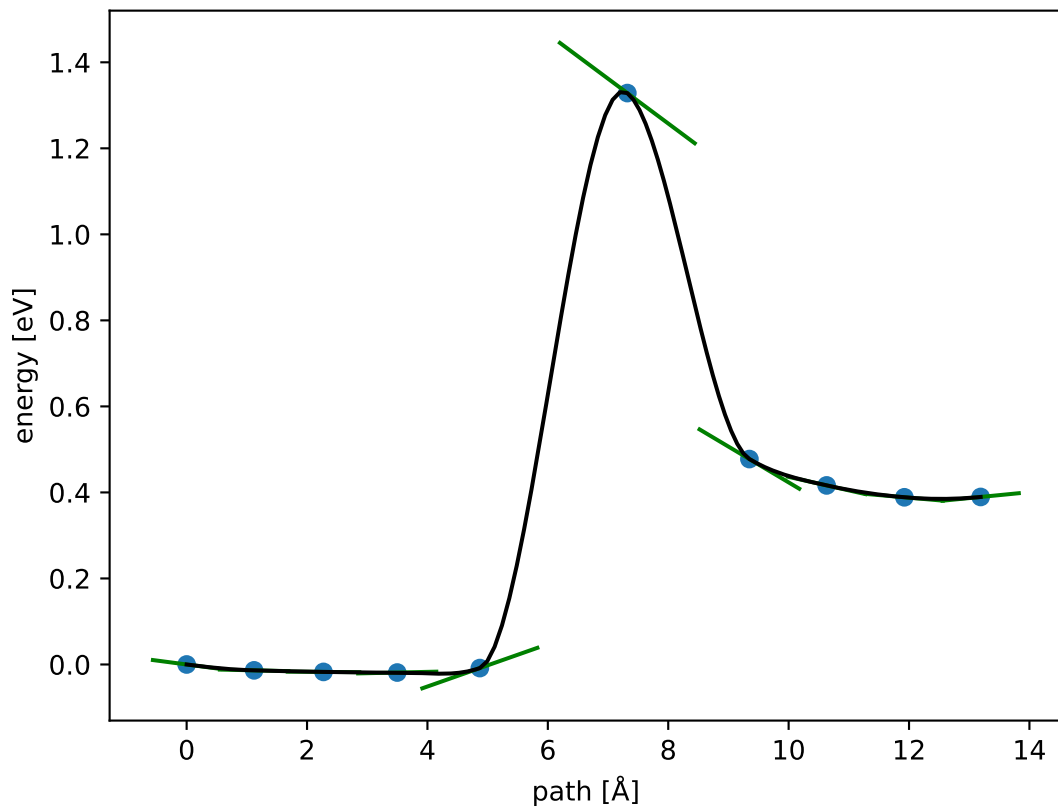
$$E_f \approx 1.302 \text{ eV}; E_r \approx 0.913 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



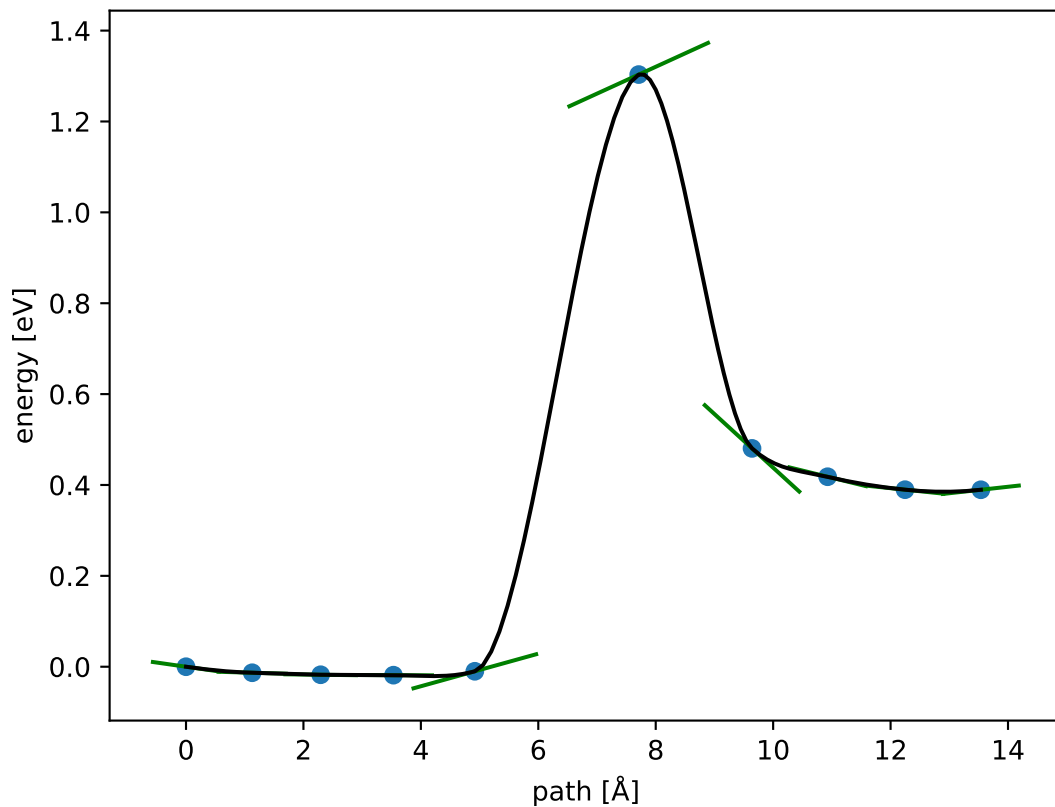
$$E_f \approx 1.336 \text{ eV}; E_r \approx 0.947 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



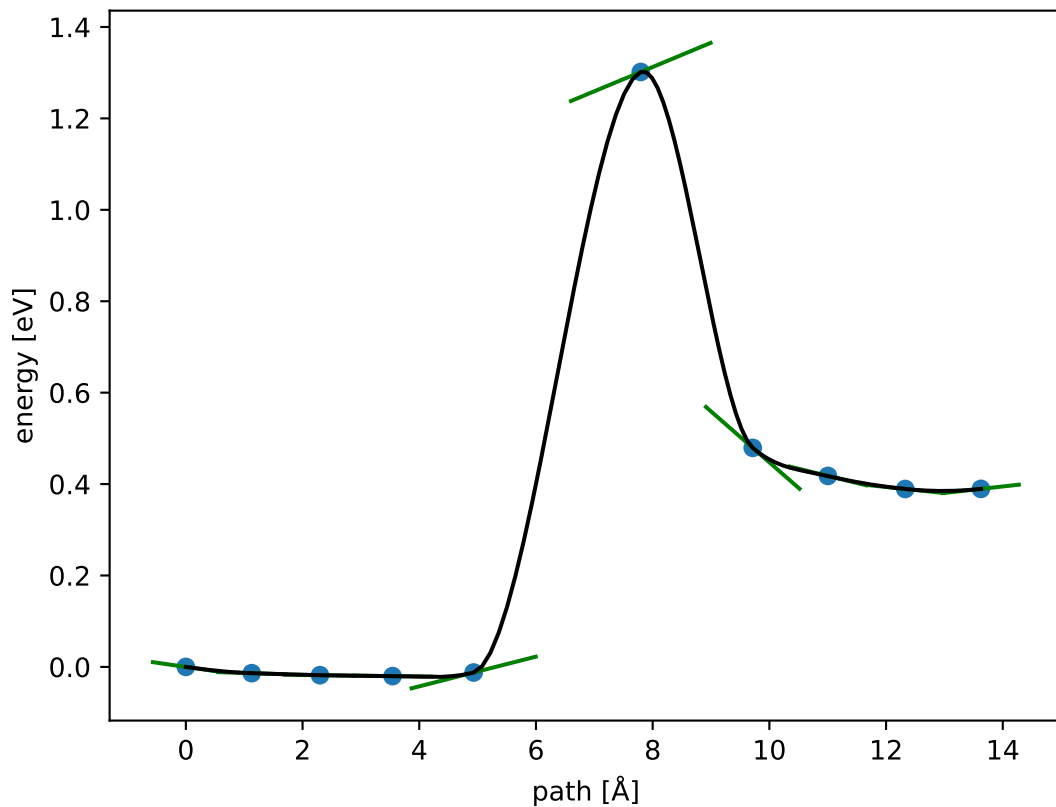
$$E_f \approx 1.328 \text{ eV}; E_r \approx 0.939 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



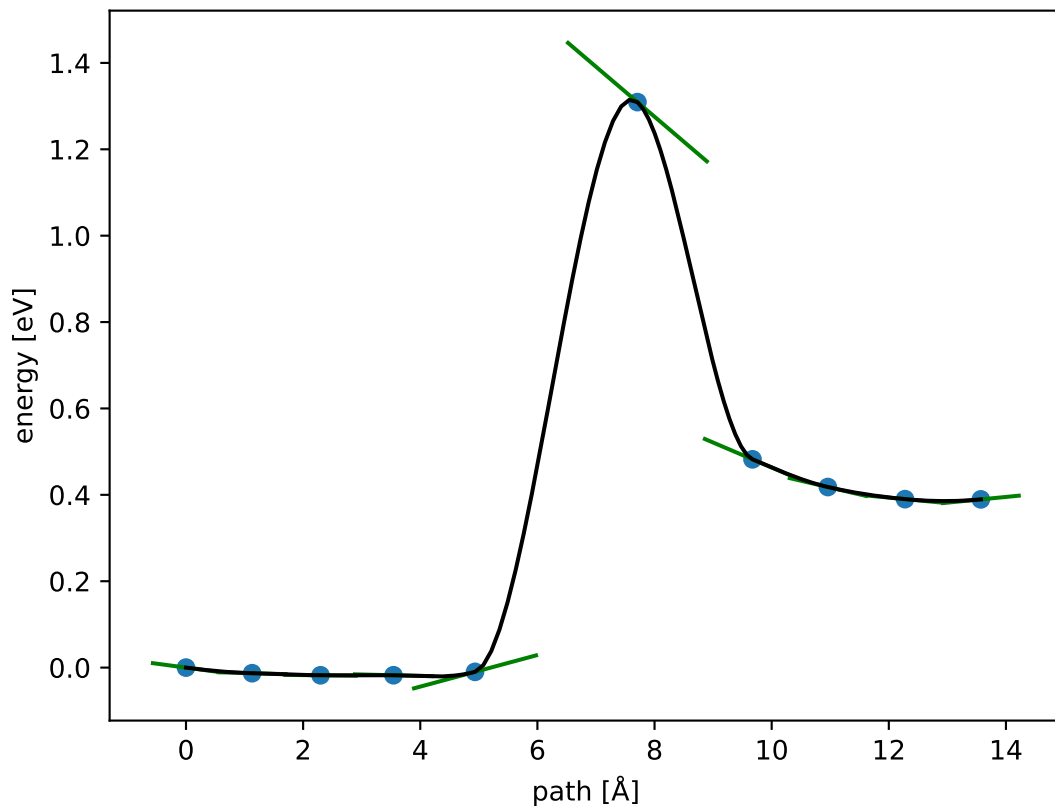
$$E_f \approx 1.303 \text{ eV}; E_r \approx 0.914 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



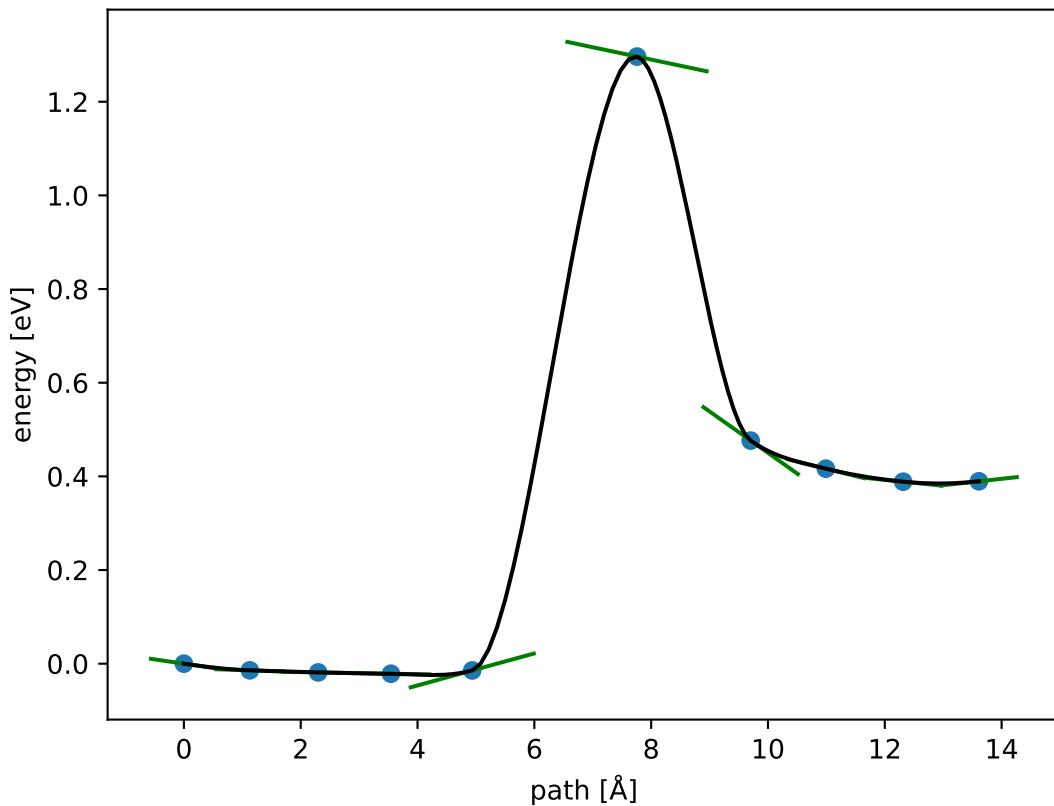
$$E_f \approx 1.302 \text{ eV}; E_r \approx 0.912 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



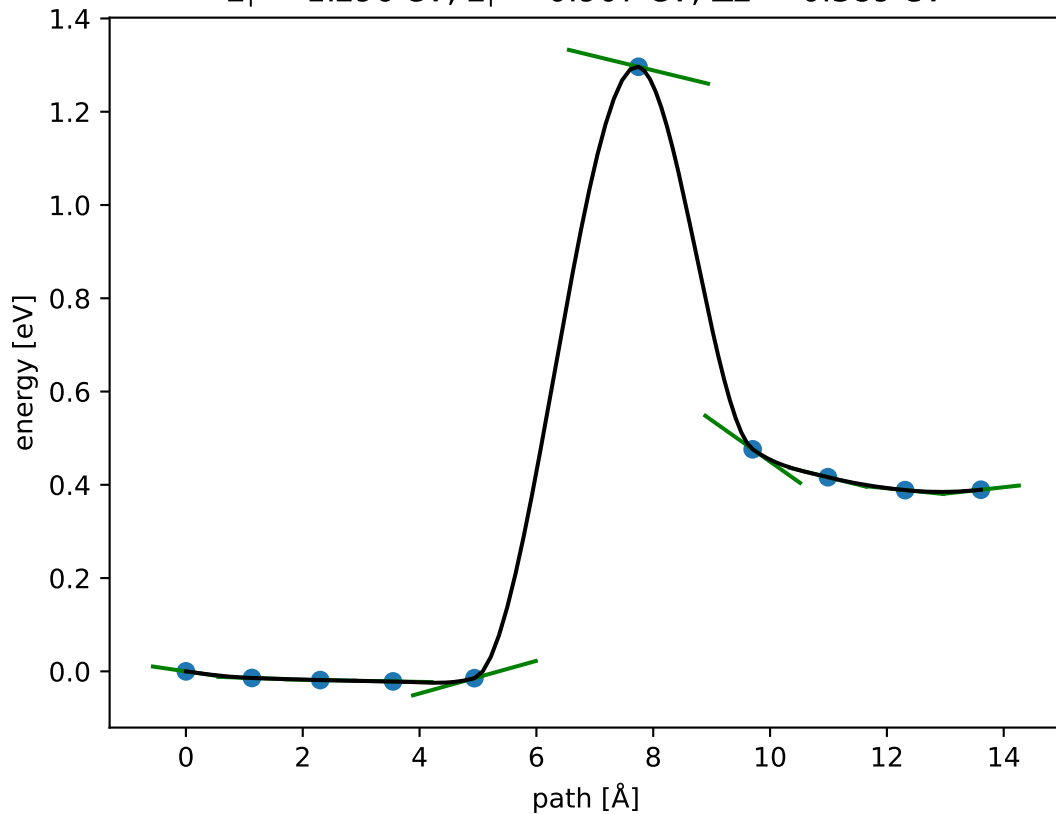
$$E_f \approx 1.309 \text{ eV}; E_r \approx 0.920 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.296 \text{ eV}; E_r \approx 0.907 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

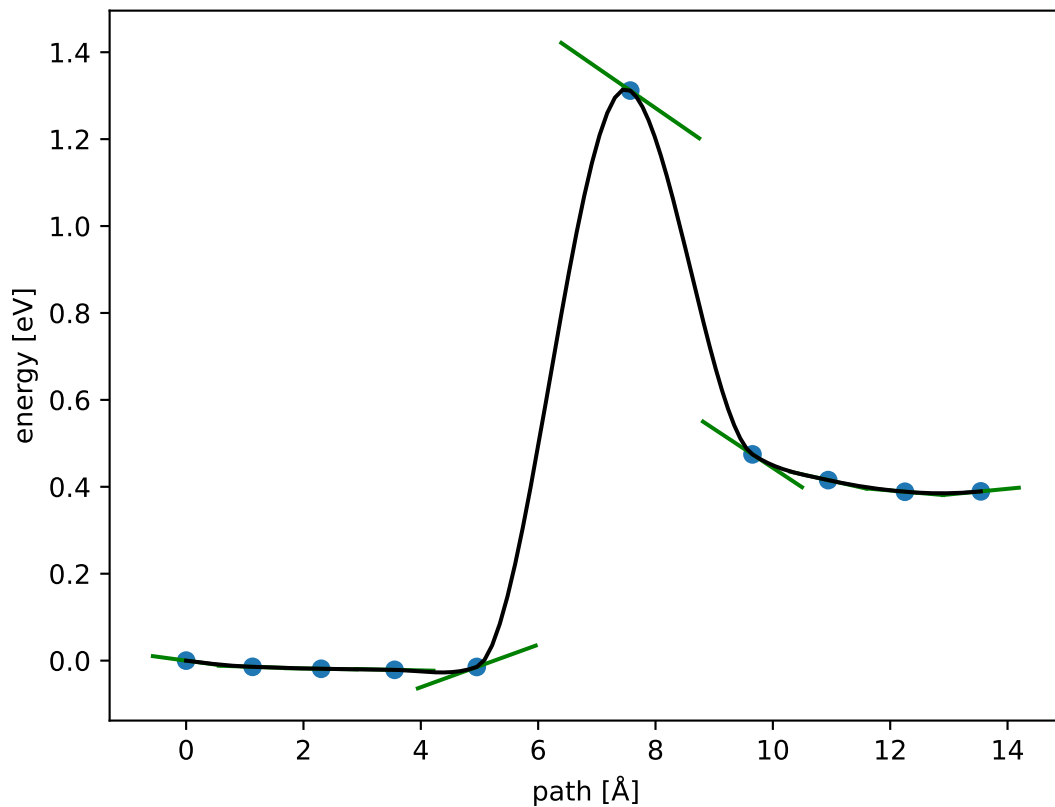


$$E_f \approx 1.296 \text{ eV}; E_r \approx 0.907 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

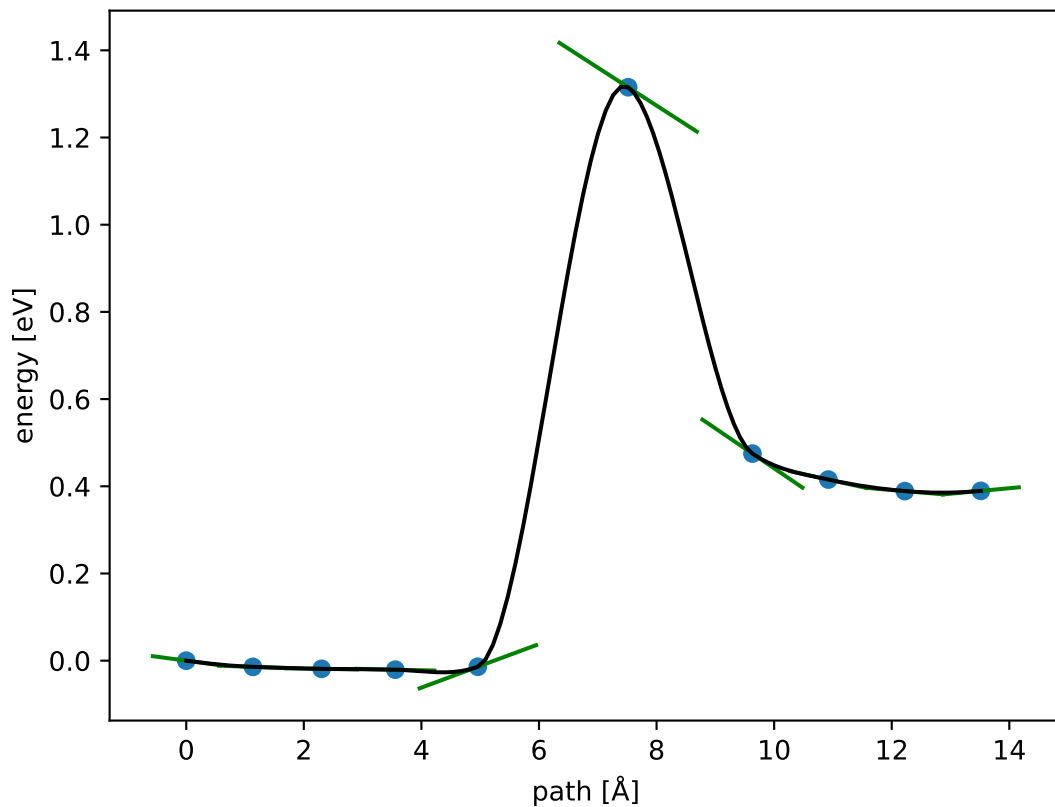




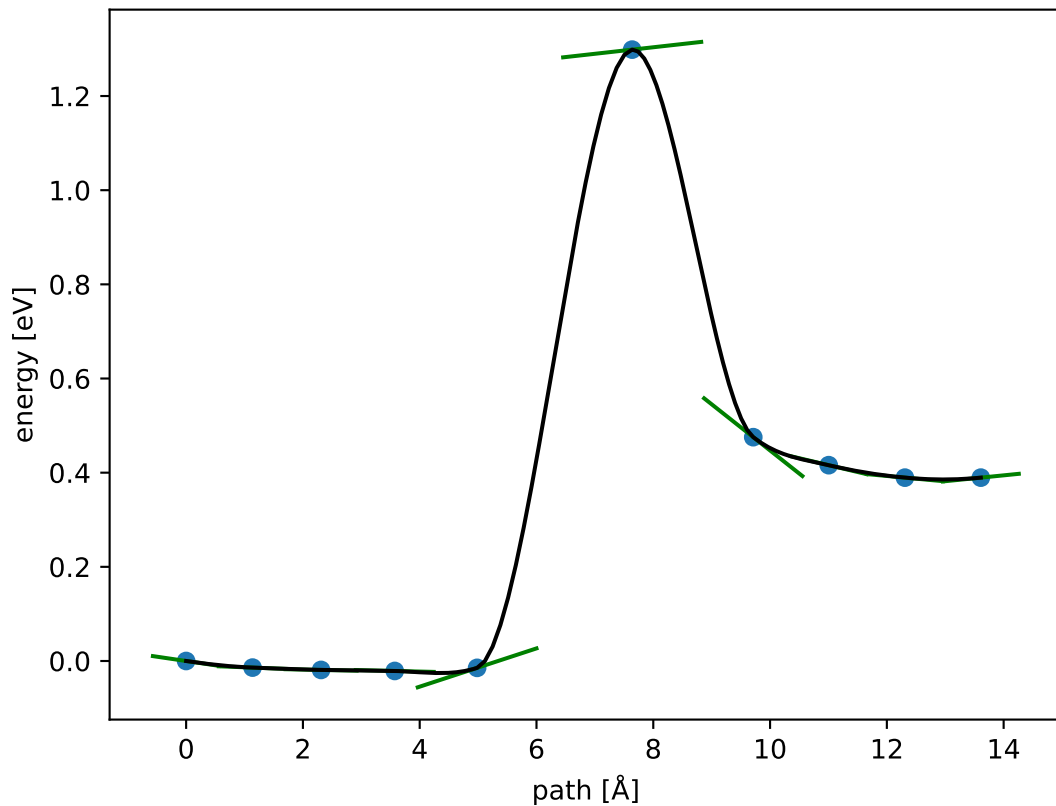
$$E_f \approx 1.312 \text{ eV}; E_r \approx 0.922 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



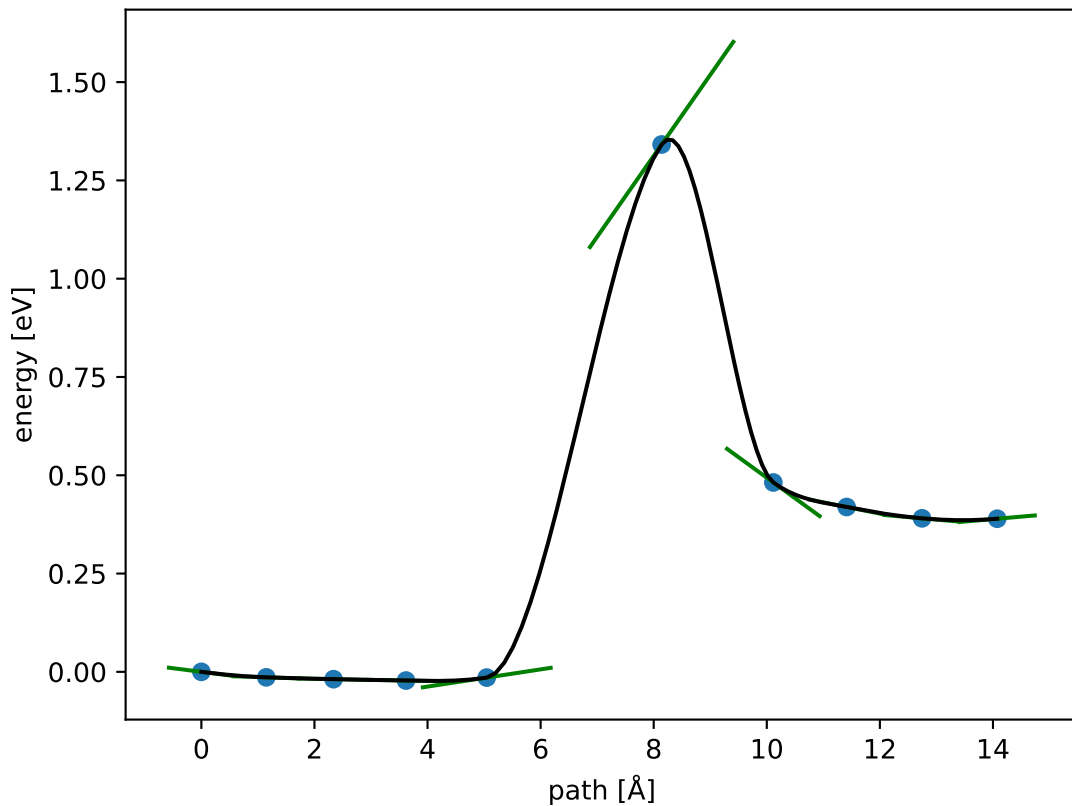
$$E_f \approx 1.315 \text{ eV}; E_r \approx 0.926 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



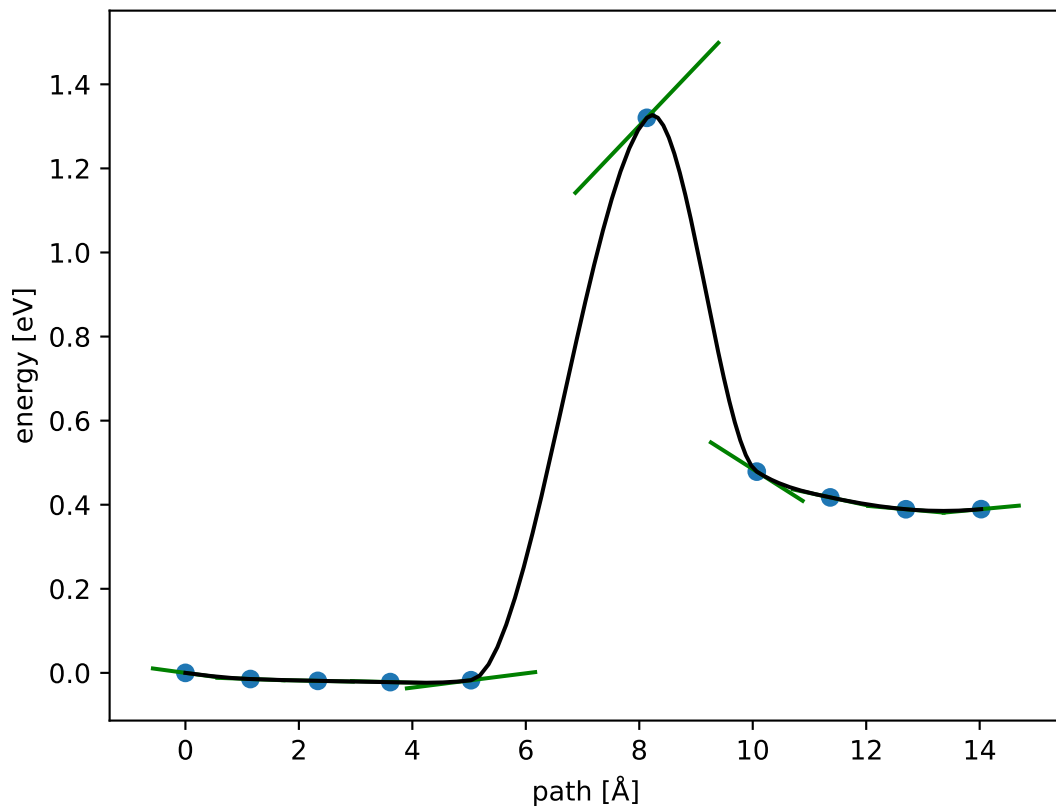
$$E_f \approx 1.299 \text{ eV}; E_r \approx 0.909 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



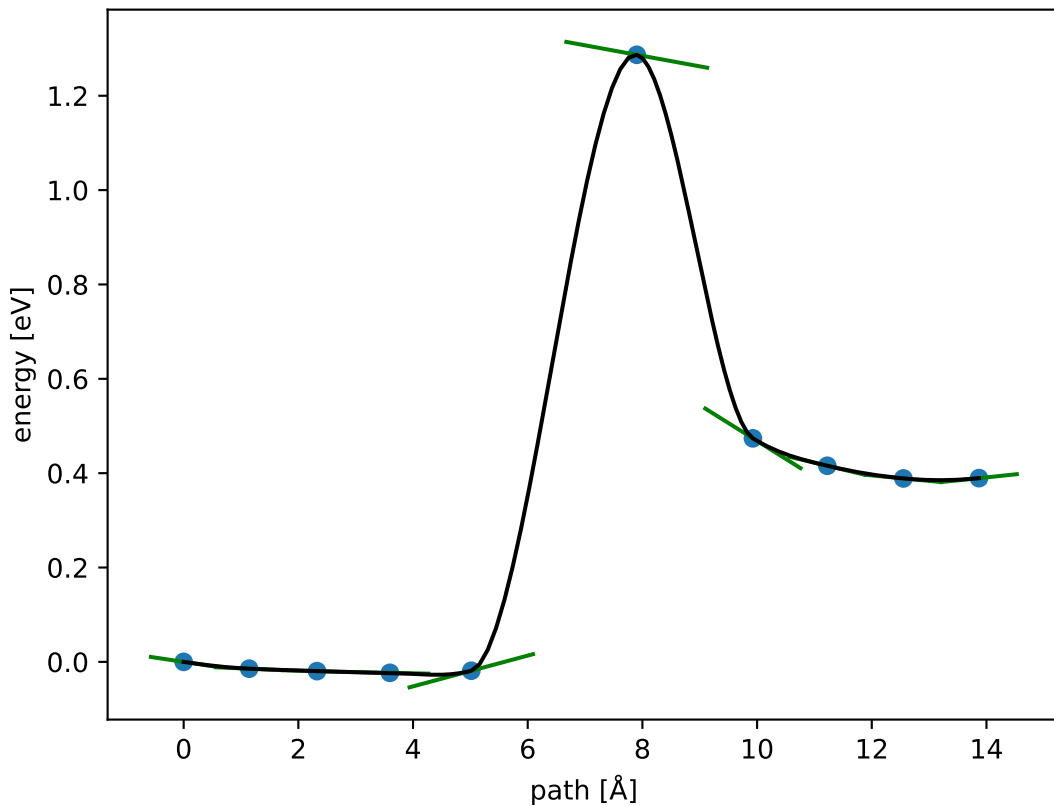
$$E_f \approx 1.341 \text{ eV}; E_r \approx 0.952 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



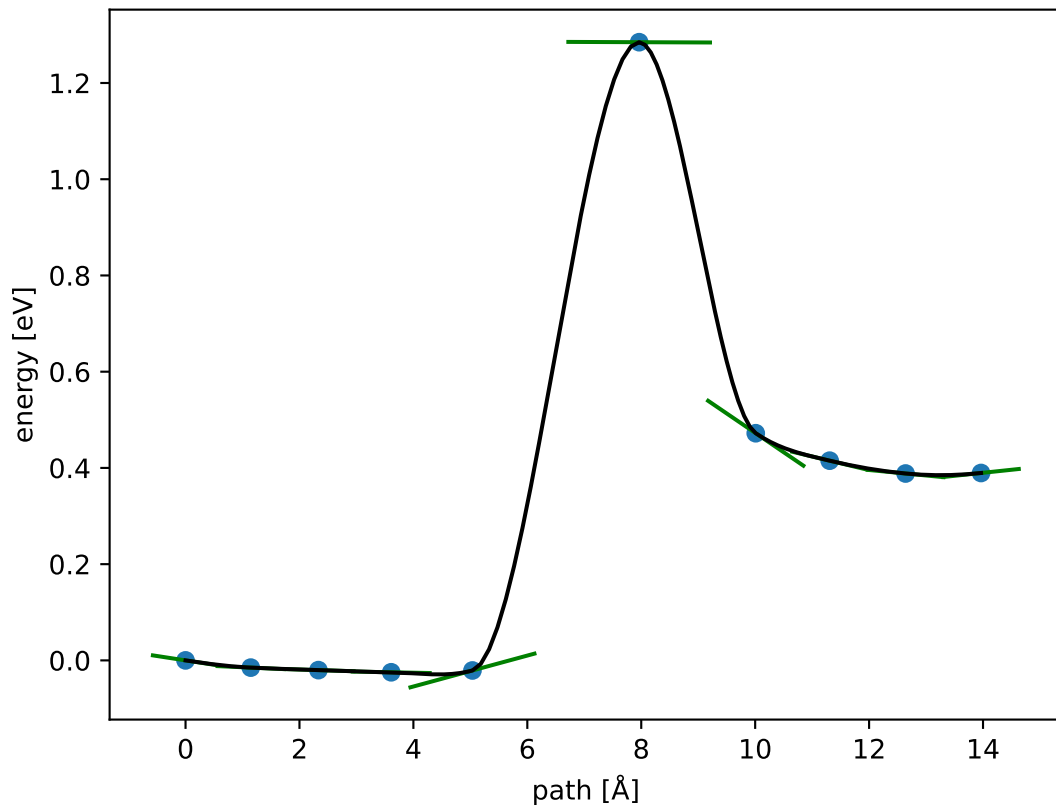
$$E_f \approx 1.320 \text{ eV}; E_r \approx 0.931 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



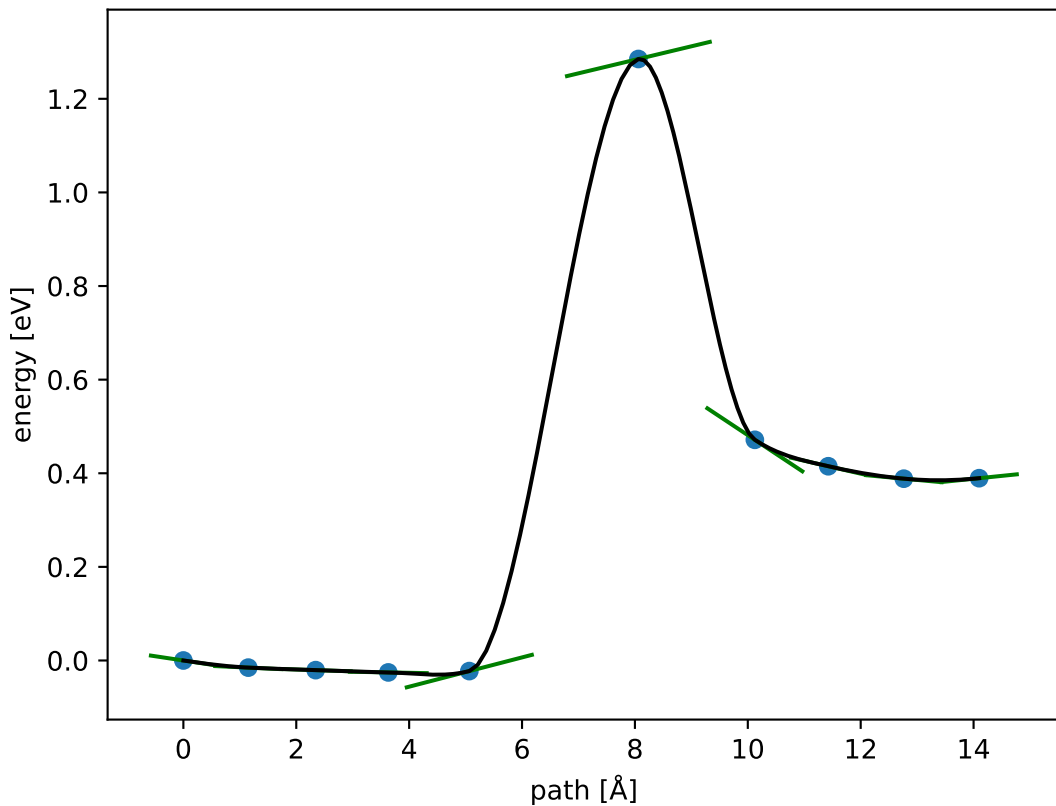
$$E_f \approx 1.287 \text{ eV}; E_r \approx 0.897 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.285 \text{ eV}; E_r \approx 0.895 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

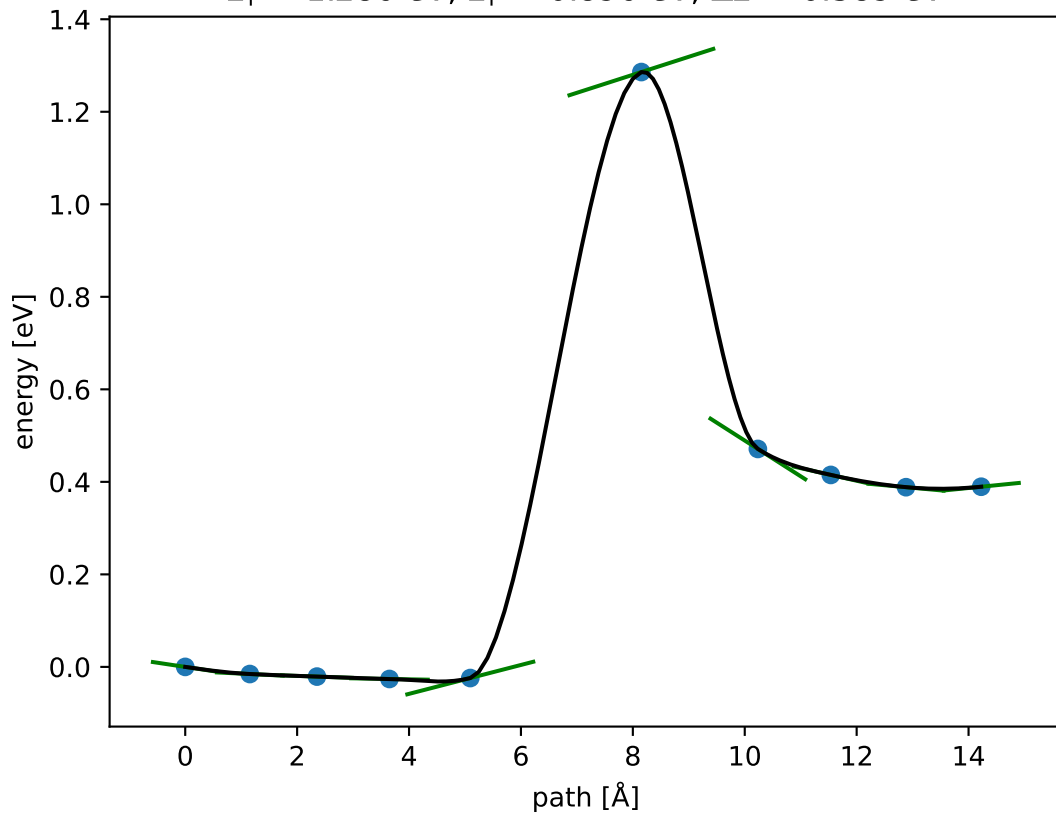


$$E_f \approx 1.285 \text{ eV}; E_r \approx 0.896 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

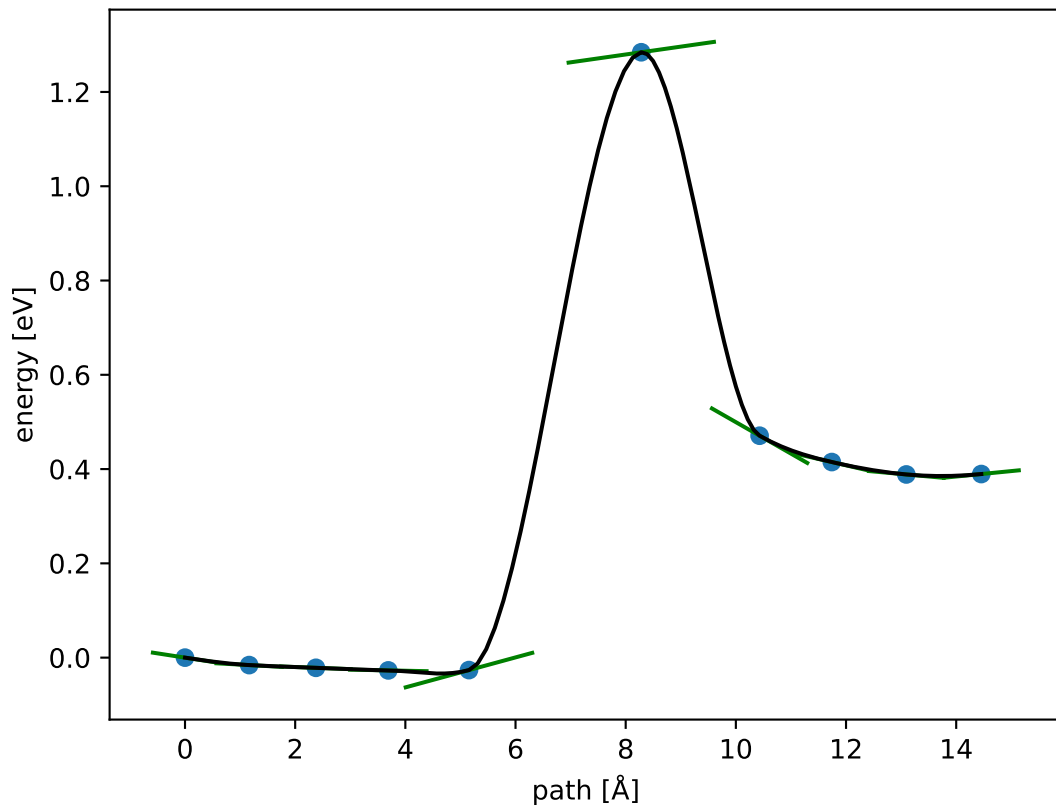




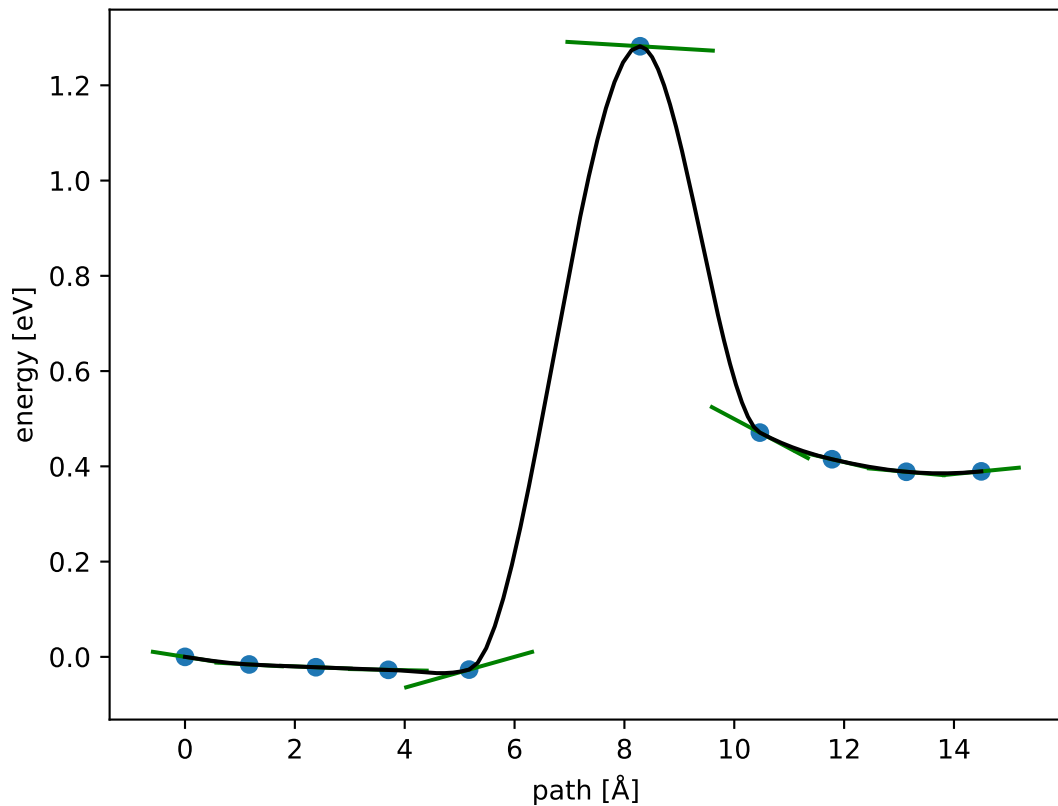
$$E_f \approx 1.286 \text{ eV}; E_r \approx 0.896 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



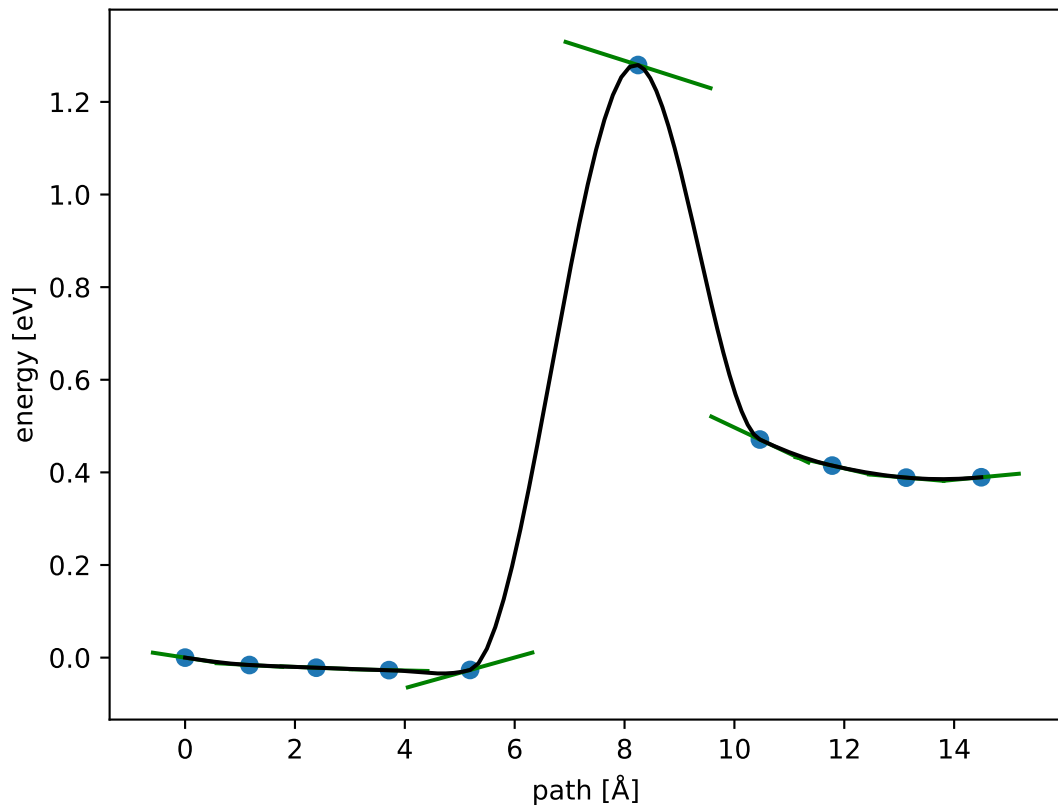
$$E_f \approx 1.284 \text{ eV}; E_r \approx 0.895 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



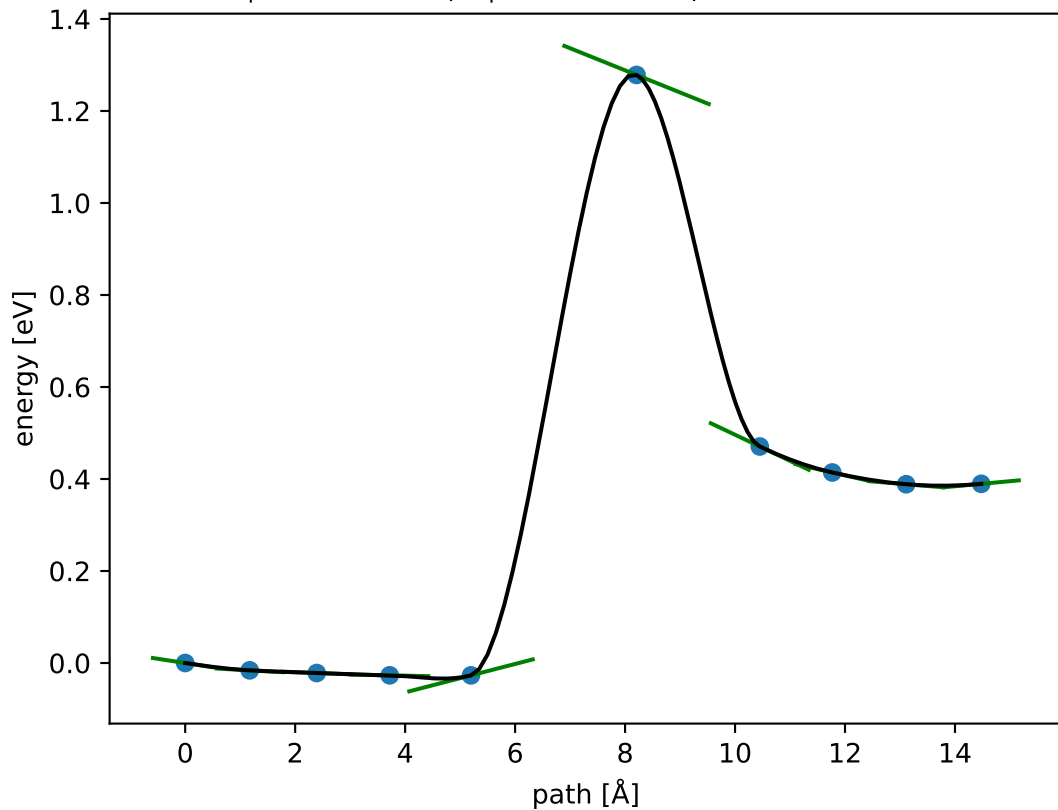
$$E_f \approx 1.282 \text{ eV}; E_r \approx 0.892 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



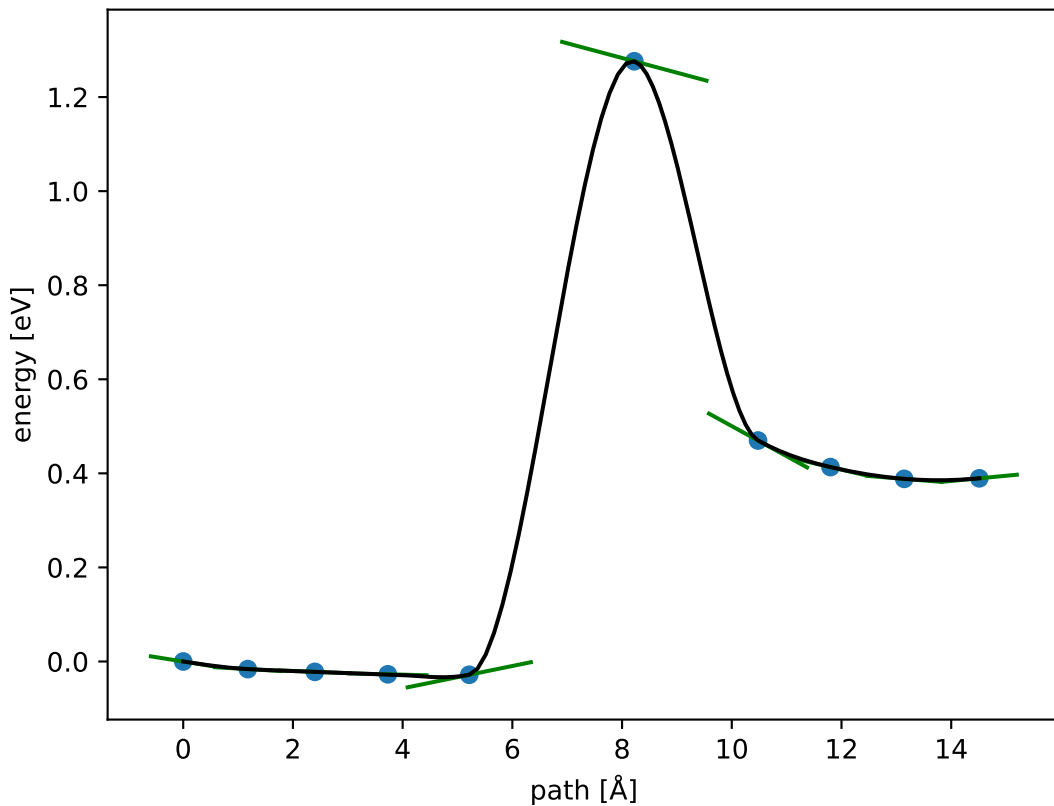
$$E_f \approx 1.280 \text{ eV}; E_r \approx 0.890 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



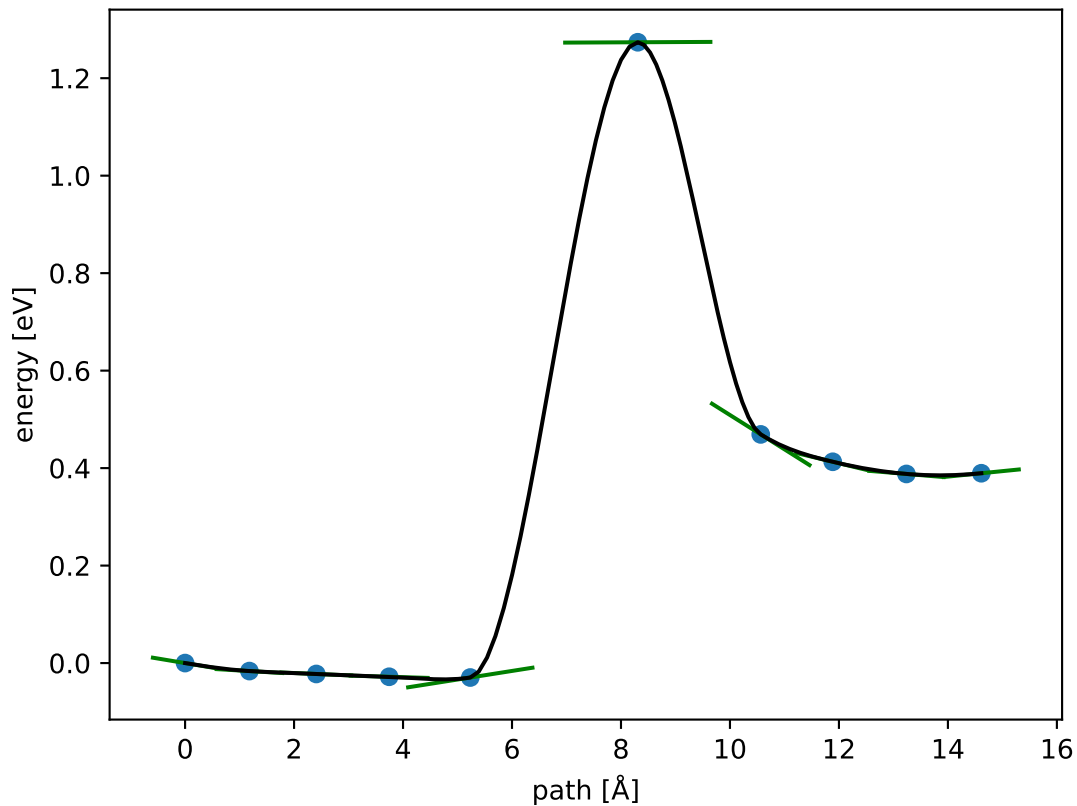
$$E_f \approx 1.278 \text{ eV}; E_r \approx 0.889 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



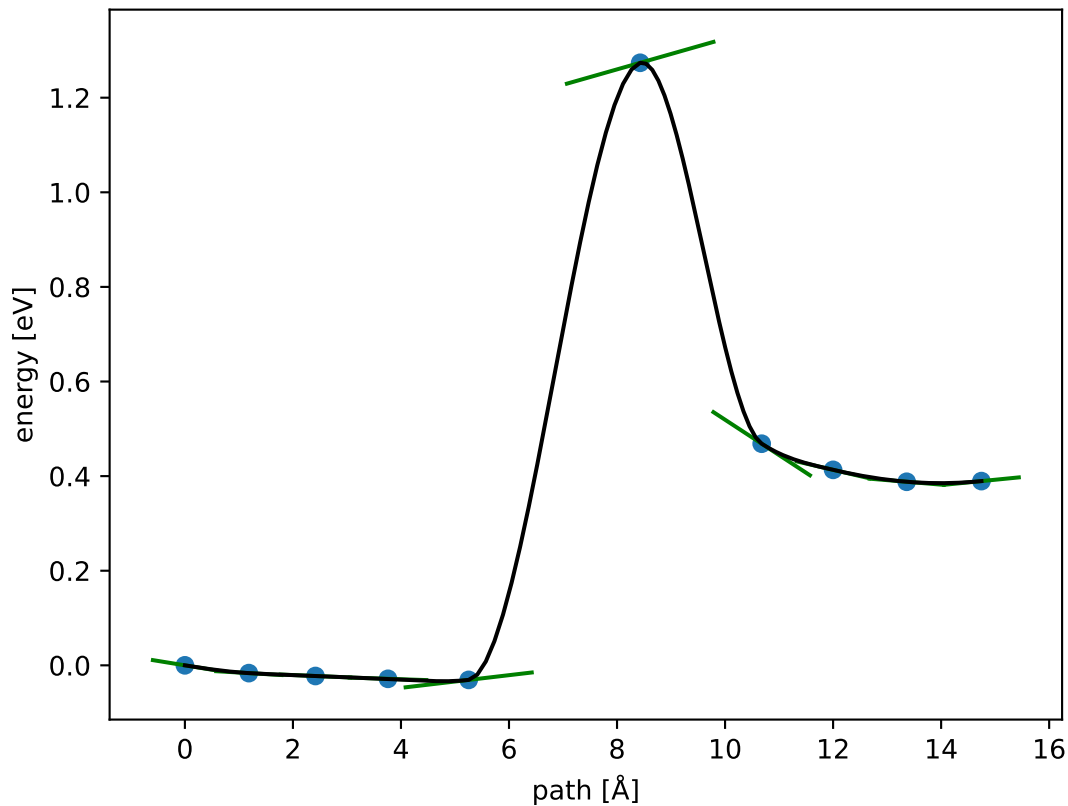
$$E_f \approx 1.276 \text{ eV}; E_r \approx 0.887 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.274 \text{ eV}; E_r \approx 0.884 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

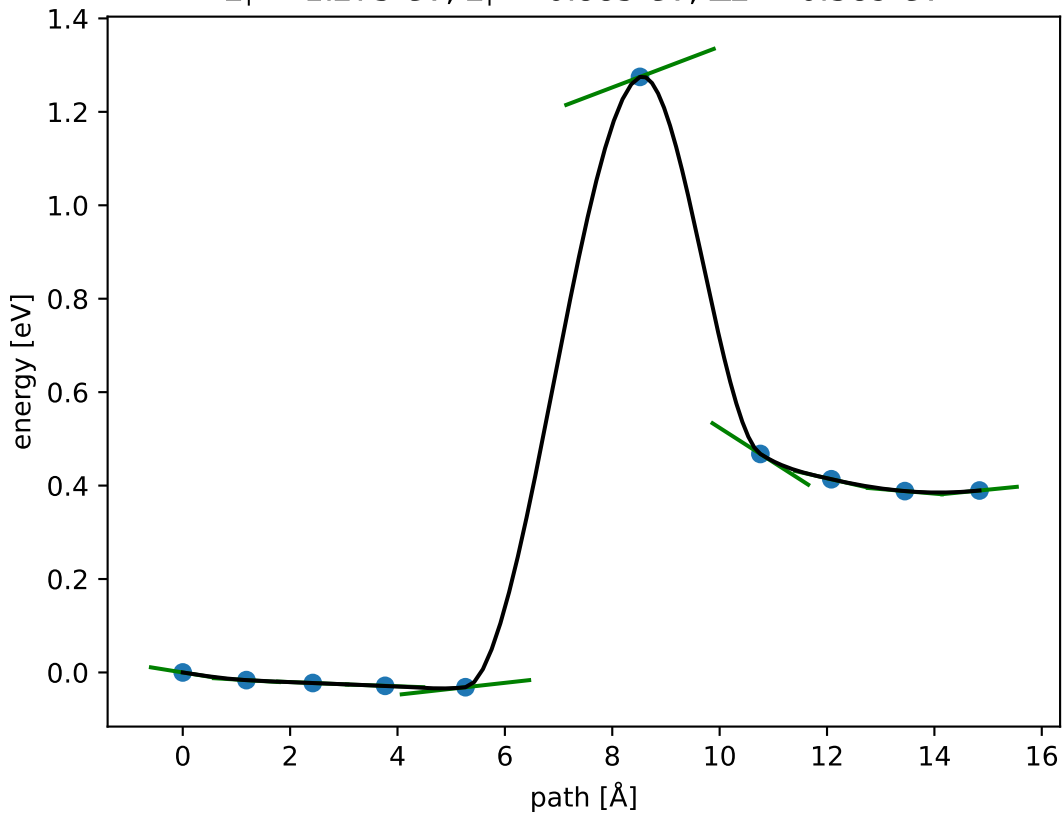


$$E_f \approx 1.274 \text{ eV}; E_r \approx 0.884 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

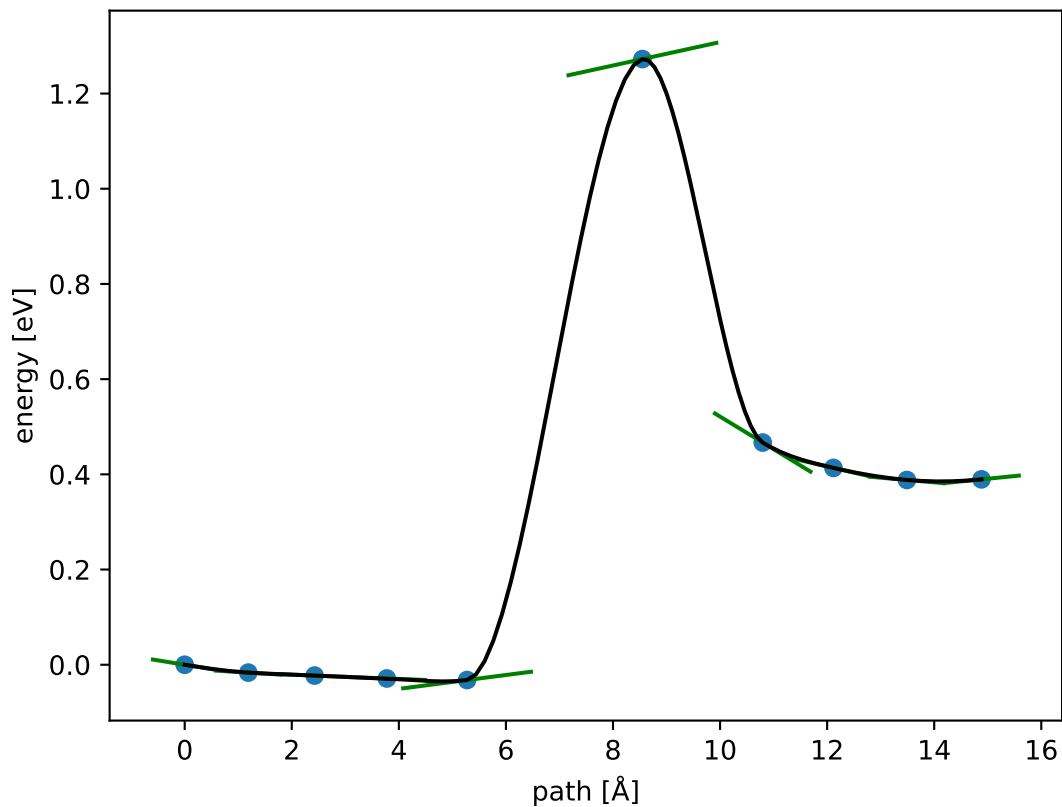




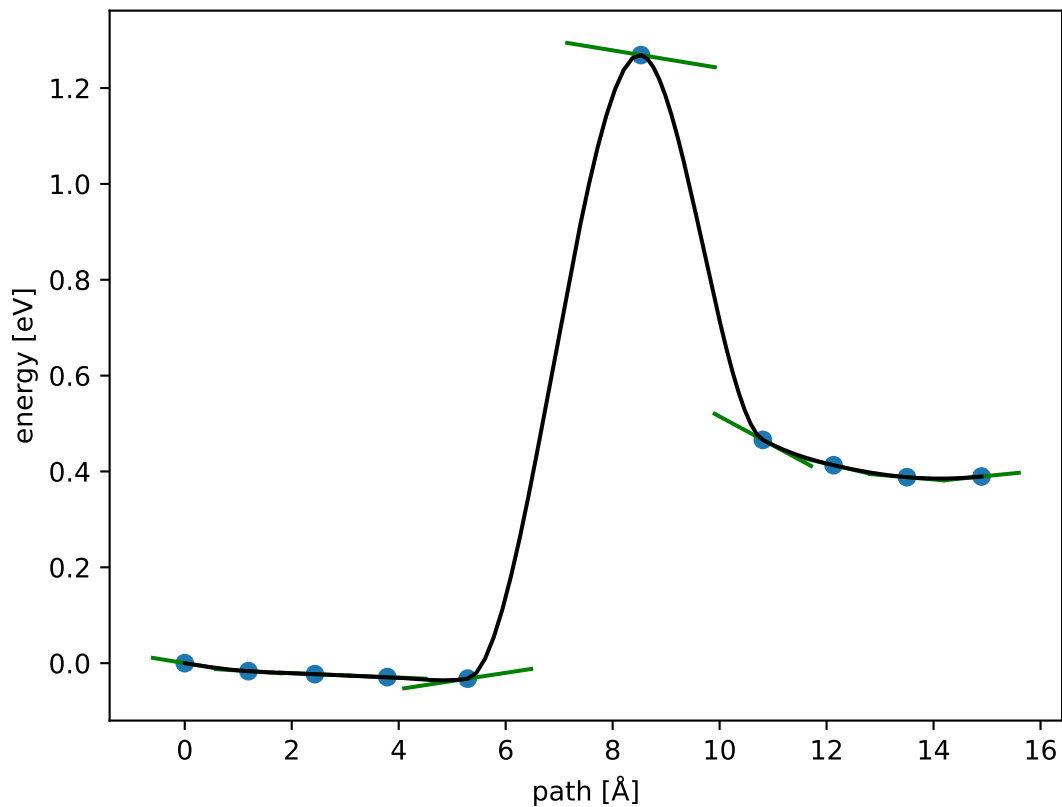
$$E_f \approx 1.275 \text{ eV}; E_r \approx 0.885 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



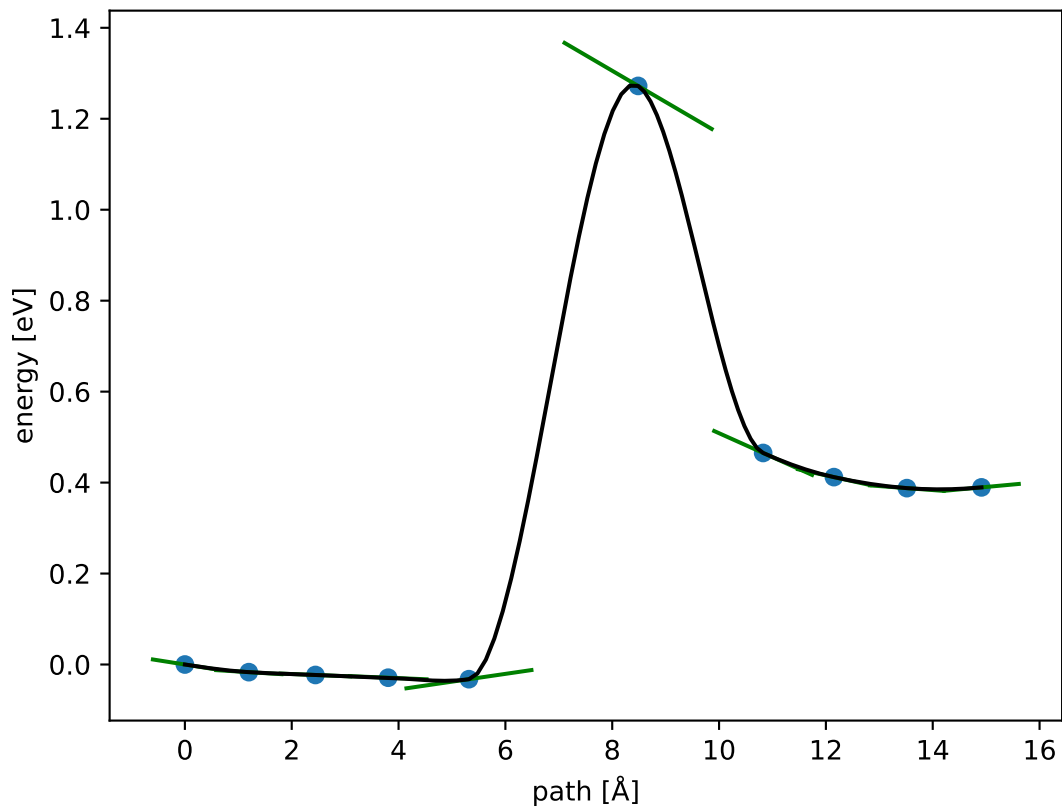
$$E_f \approx 1.272 \text{ eV}; E_r \approx 0.883 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



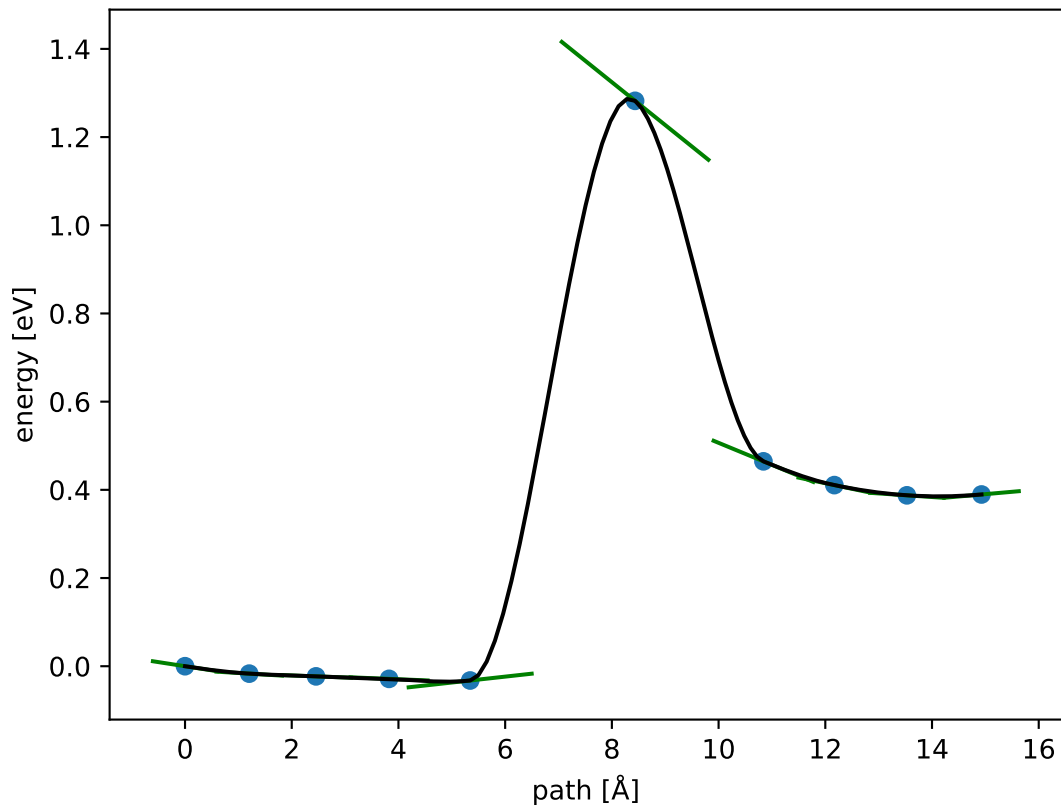
$$E_f \approx 1.269 \text{ eV}; E_r \approx 0.879 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



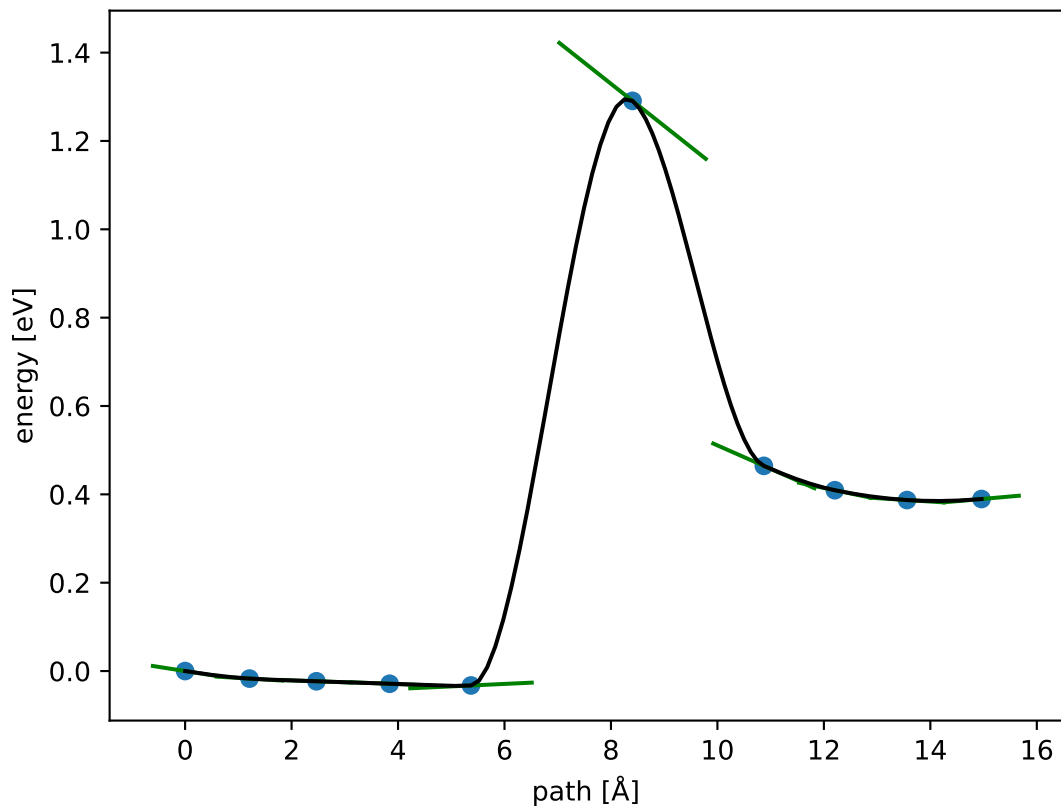
$$E_f \approx 1.272 \text{ eV}; E_r \approx 0.883 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



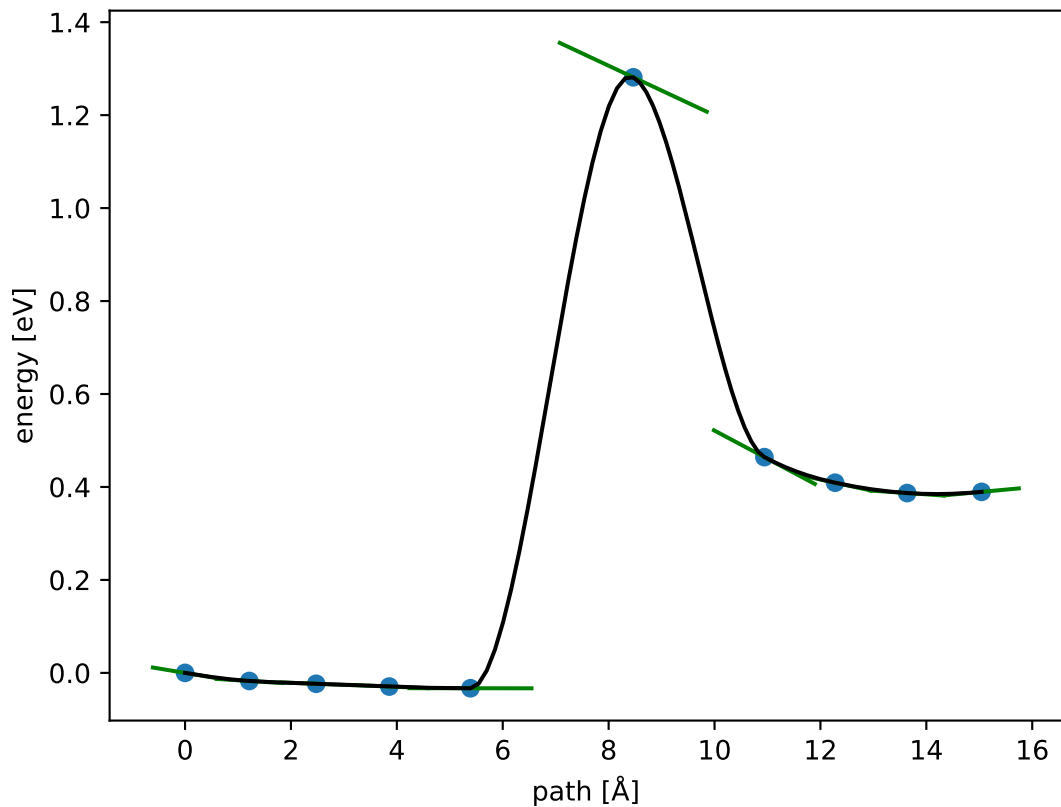
$$E_f \approx 1.282 \text{ eV}; E_r \approx 0.893 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



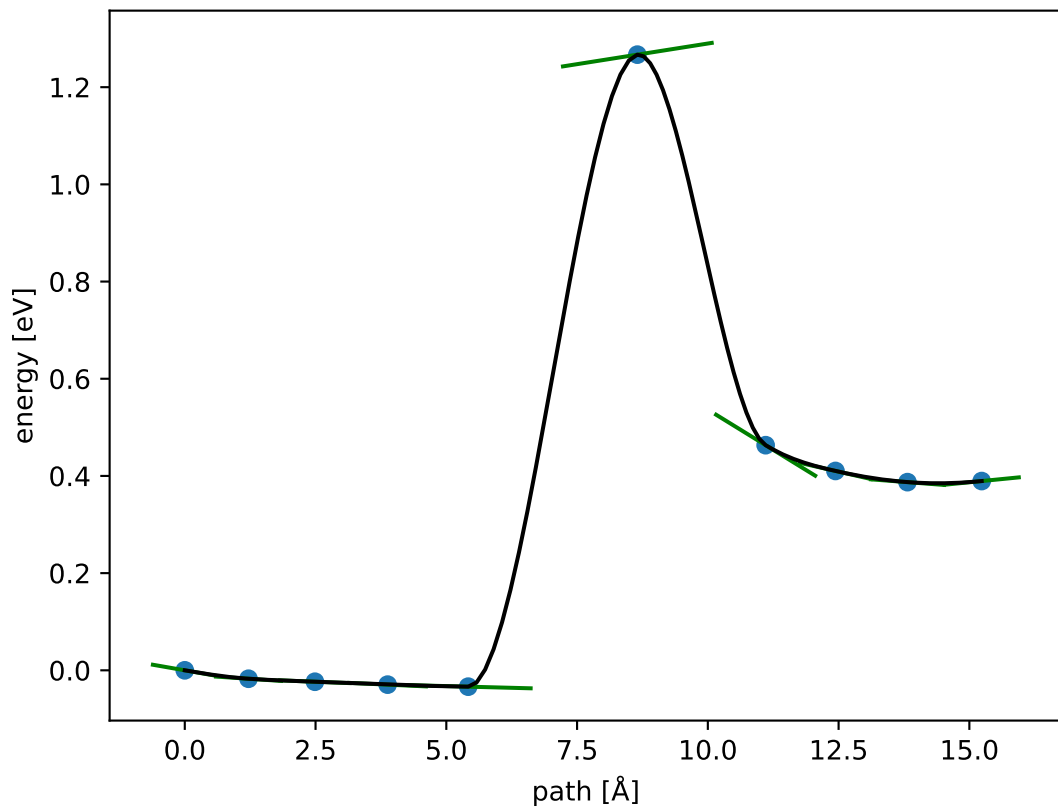
$$E_f \approx 1.291 \text{ eV}; E_r \approx 0.901 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.281 \text{ eV}; E_r \approx 0.892 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

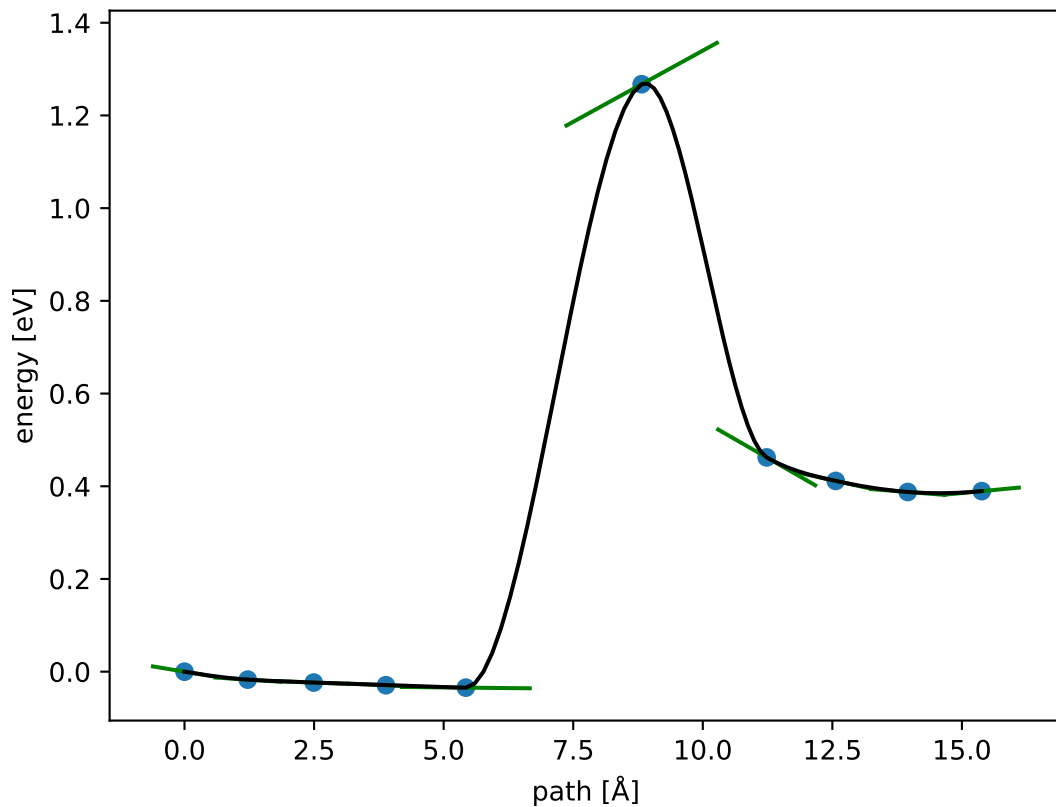


$$E_f \approx 1.267 \text{ eV}; E_r \approx 0.877 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

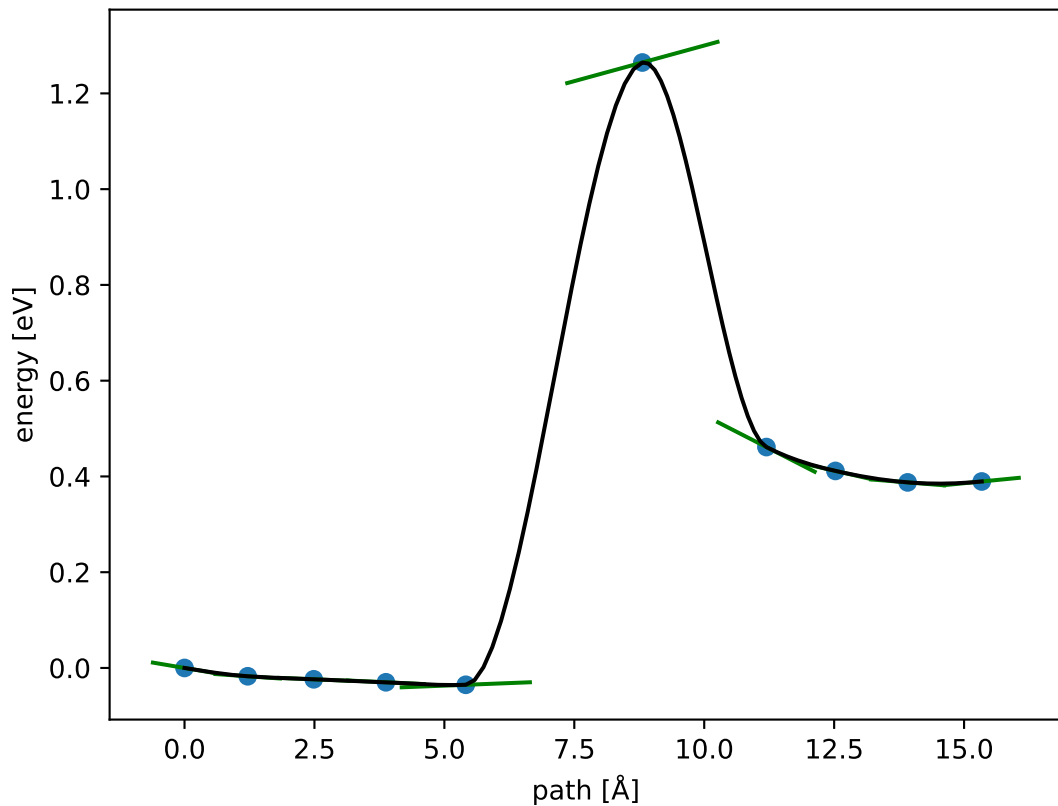




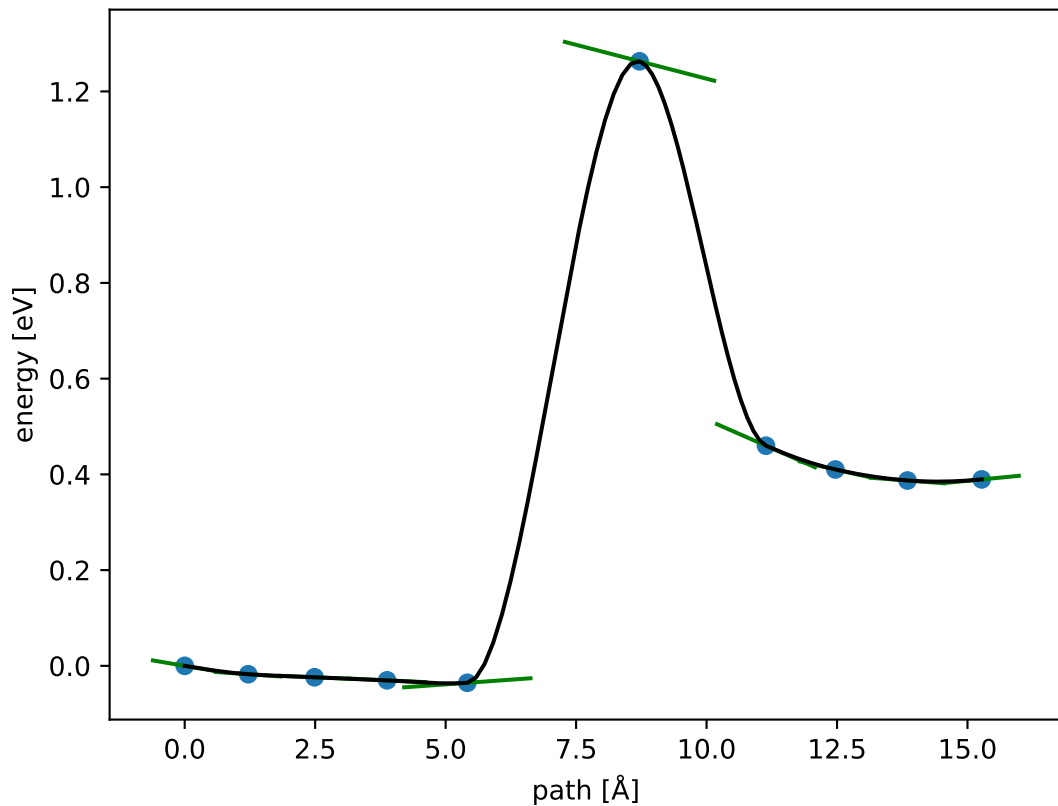
$$E_f \approx 1.267 \text{ eV}; E_r \approx 0.878 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



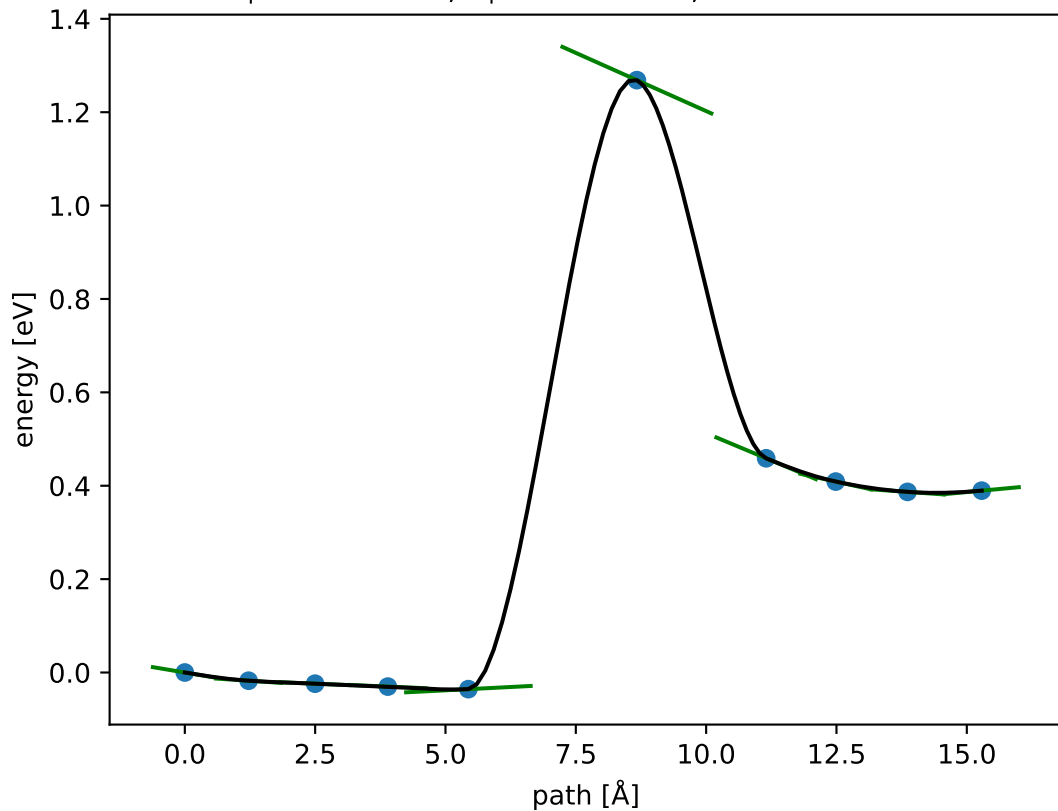
$$E_f \approx 1.265 \text{ eV}; E_r \approx 0.875 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



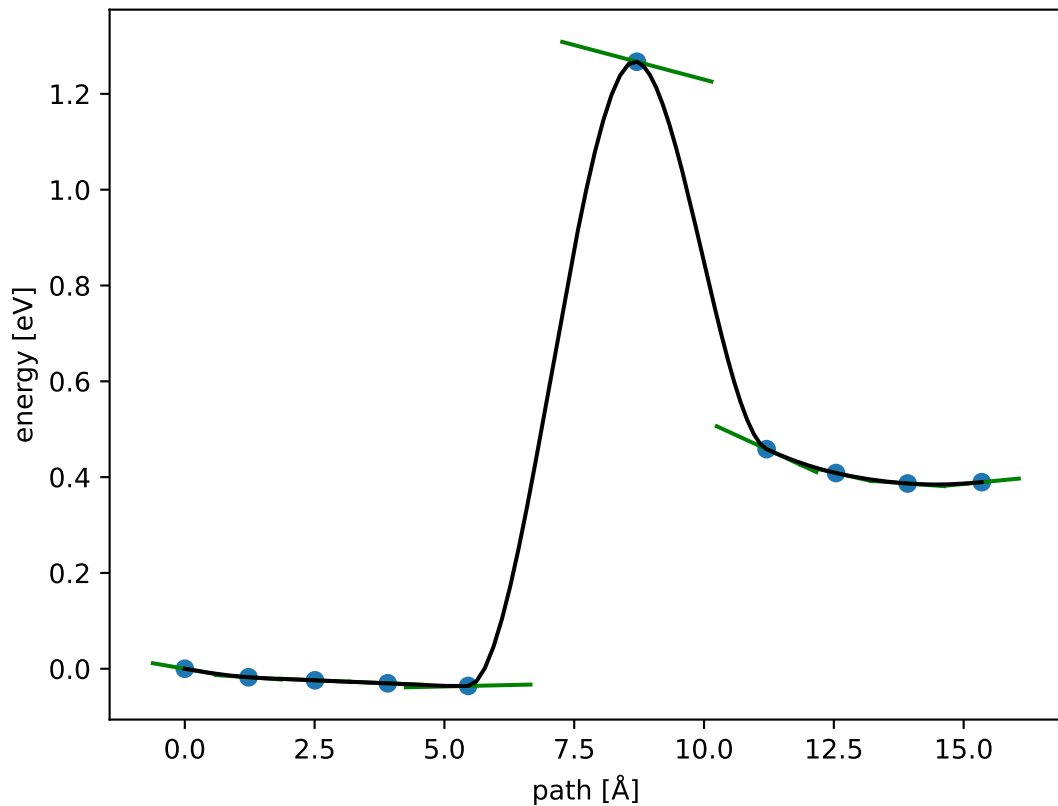
$$E_f \approx 1.263 \text{ eV}; E_r \approx 0.873 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



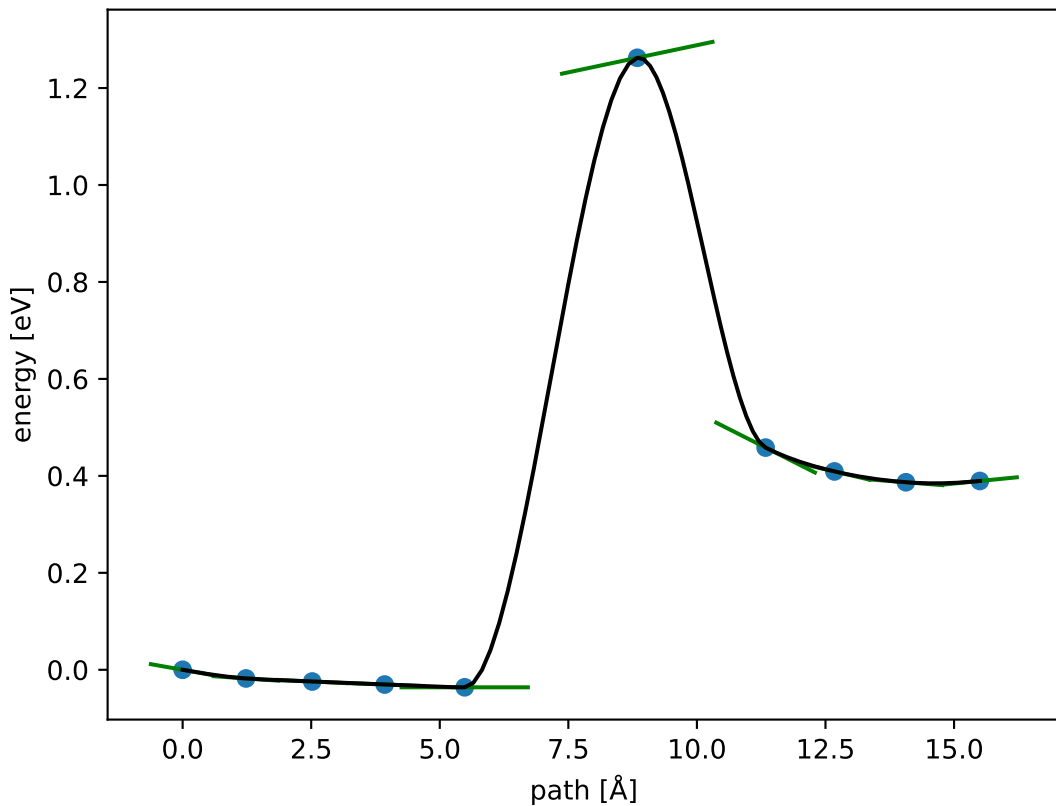
$$E_f \approx 1.269 \text{ eV}; E_r \approx 0.879 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



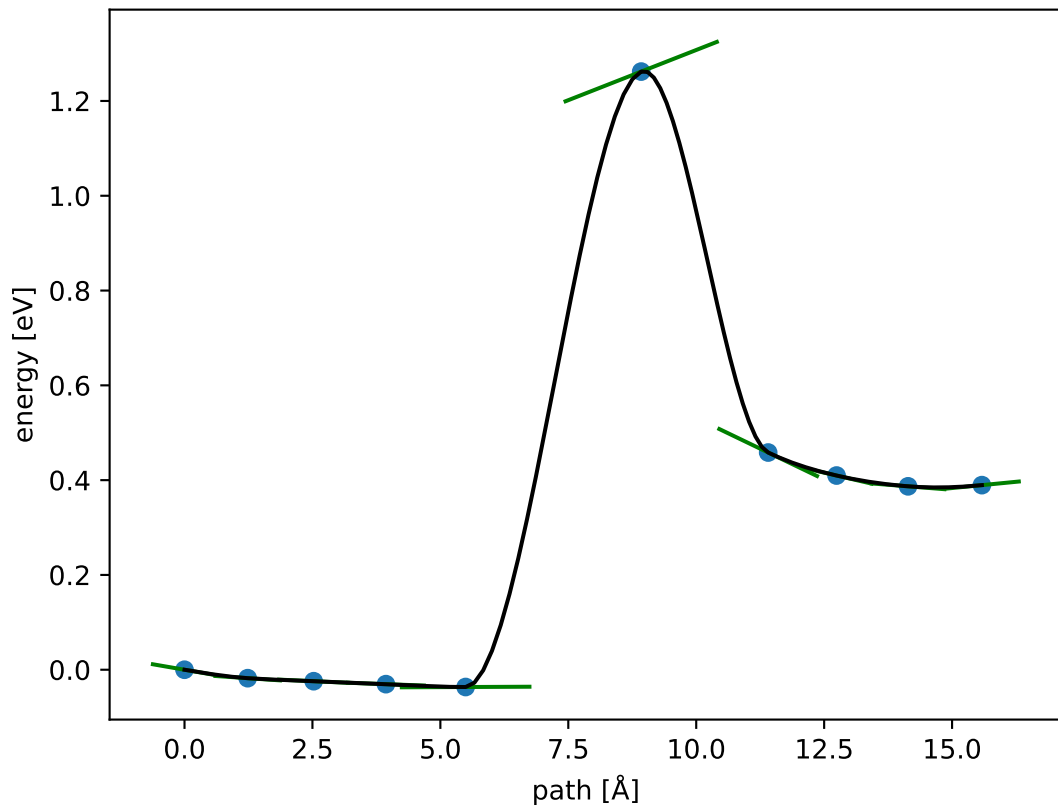
$$E_f \approx 1.267 \text{ eV}; E_r \approx 0.878 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



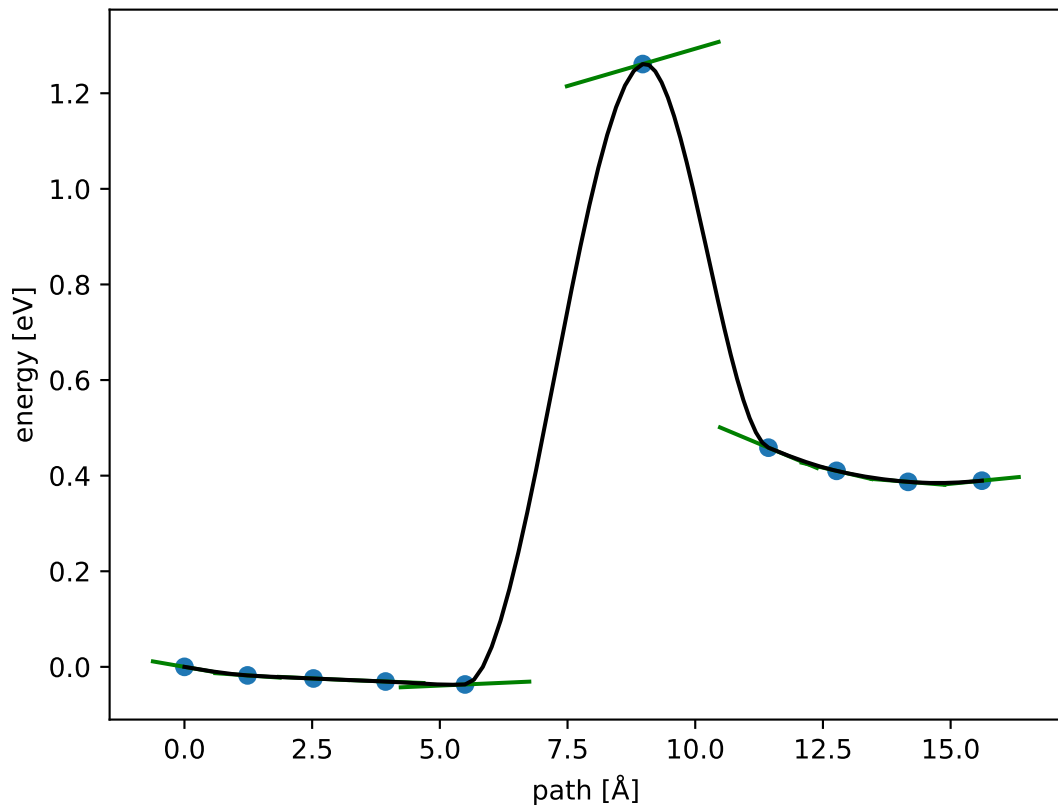
$$E_f \approx 1.262 \text{ eV}; E_r \approx 0.873 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.262 \text{ eV}; E_r \approx 0.873 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

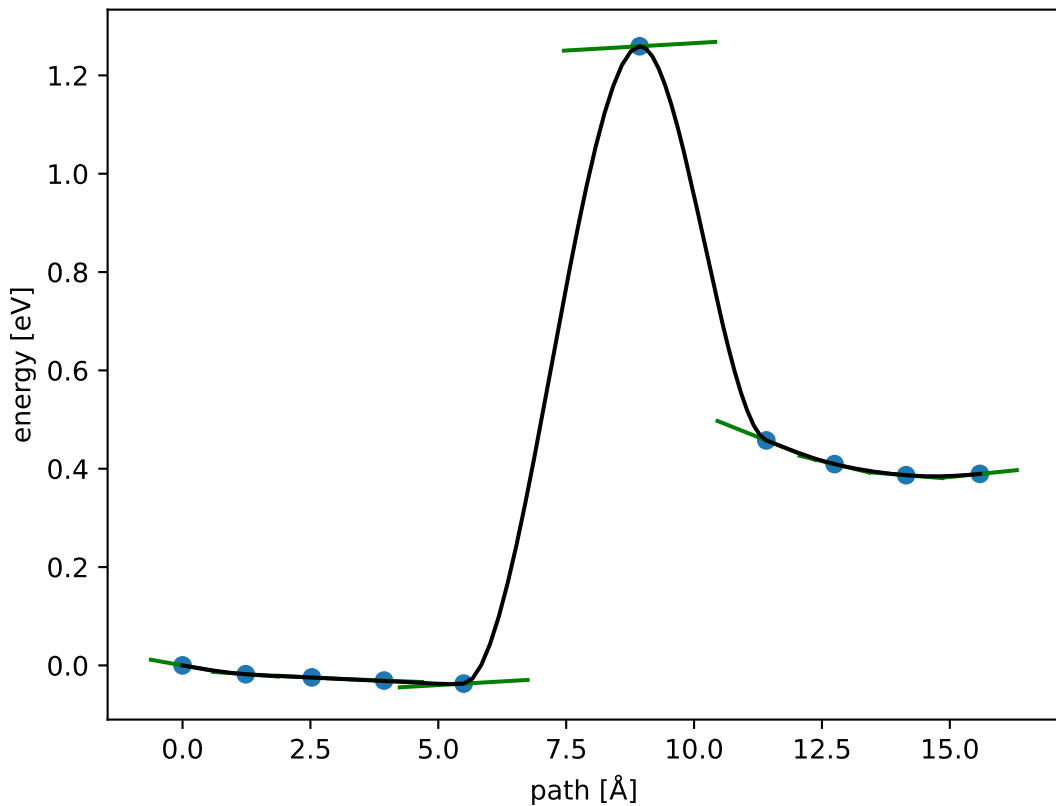


$$E_f \approx 1.261 \text{ eV}; E_r \approx 0.872 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

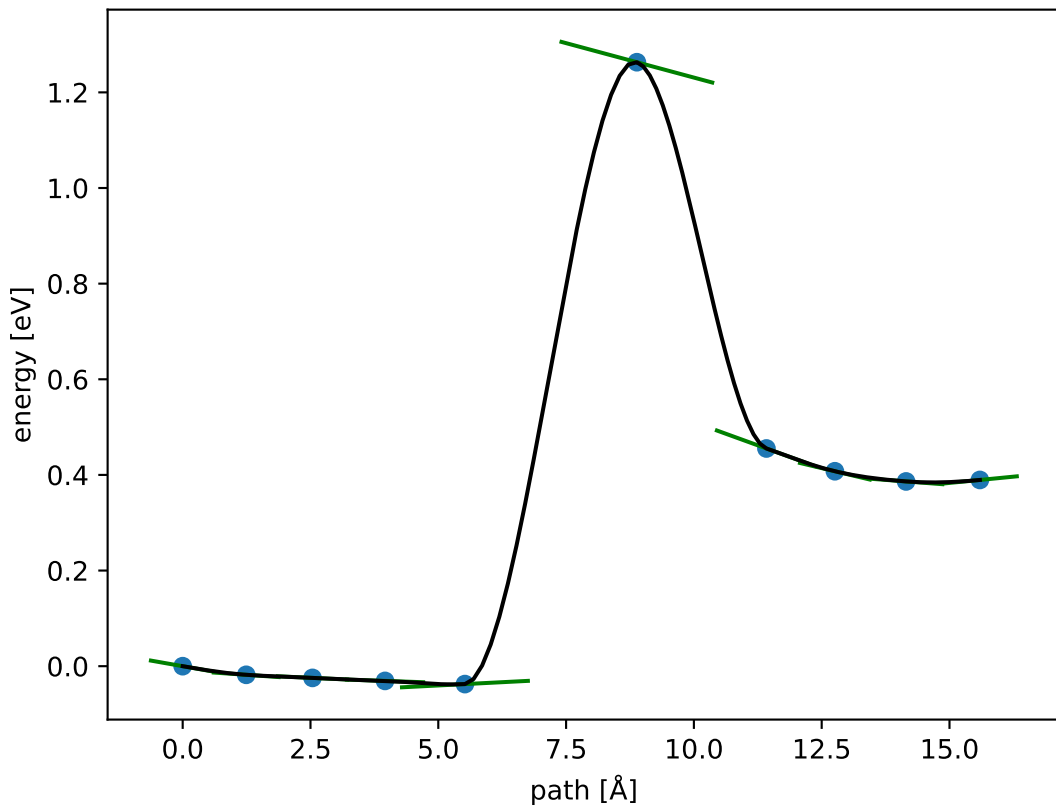




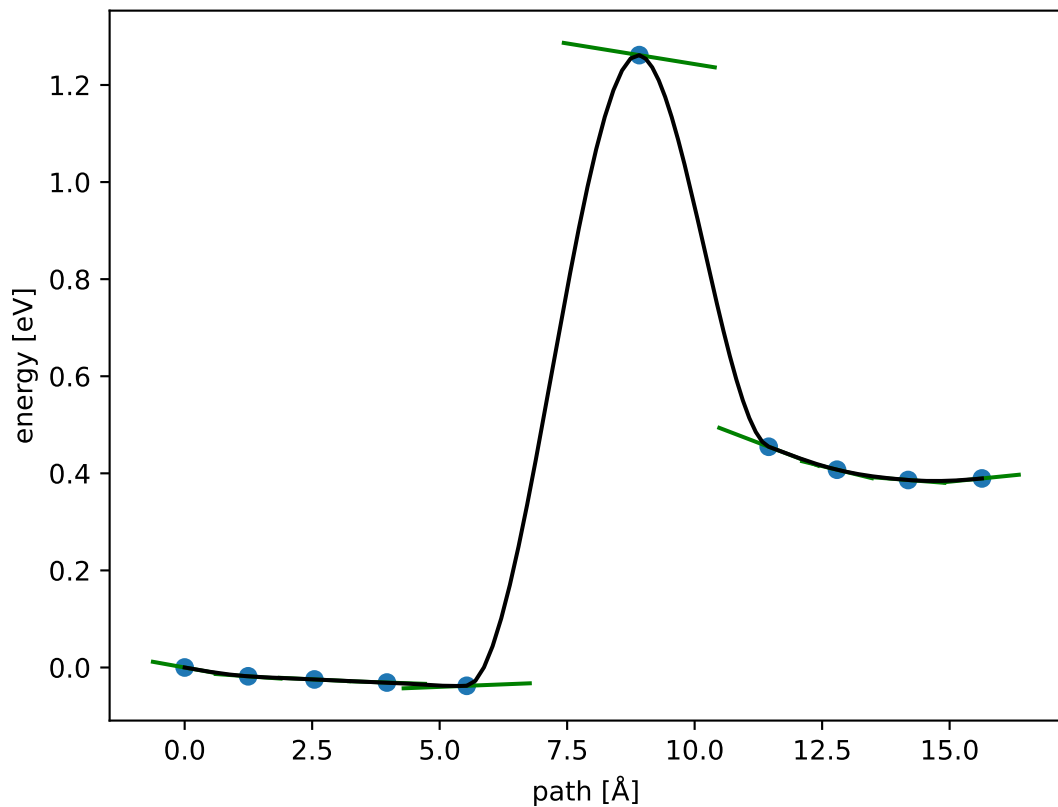
$$E_f \approx 1.259 \text{ eV}; E_r \approx 0.870 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



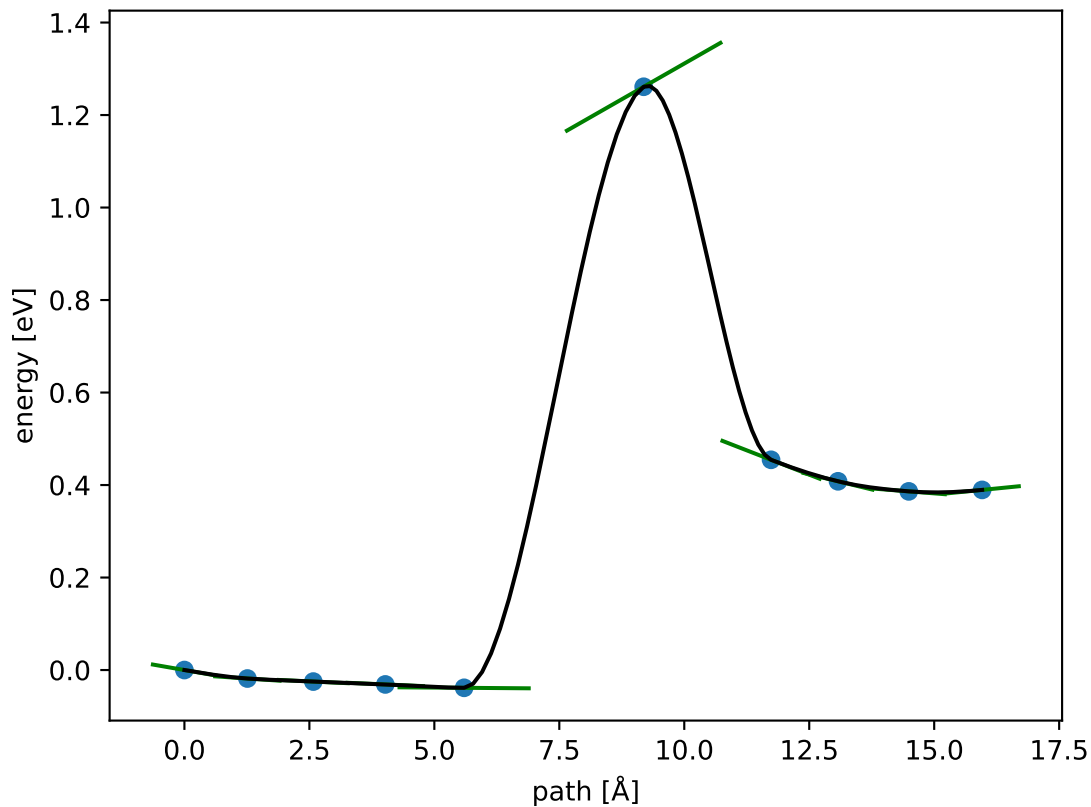
$$E_f \approx 1.263 \text{ eV}; E_r \approx 0.874 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



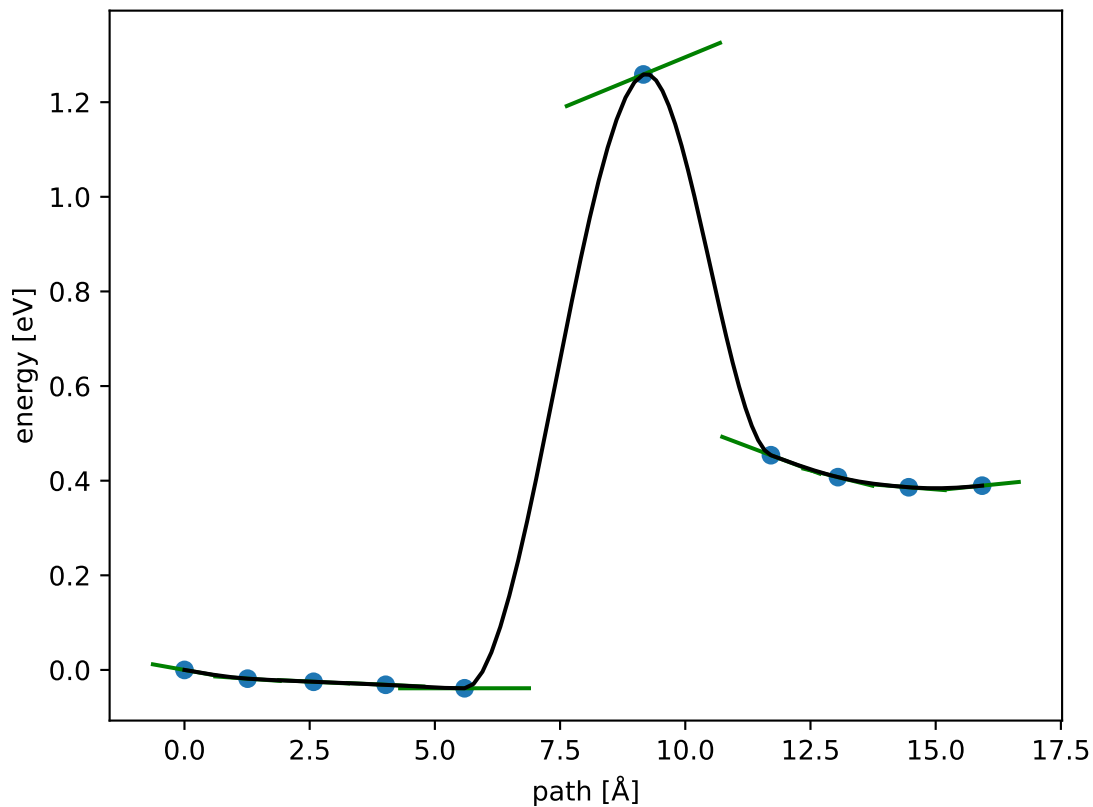
$$E_f \approx 1.262 \text{ eV}; E_r \approx 0.872 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



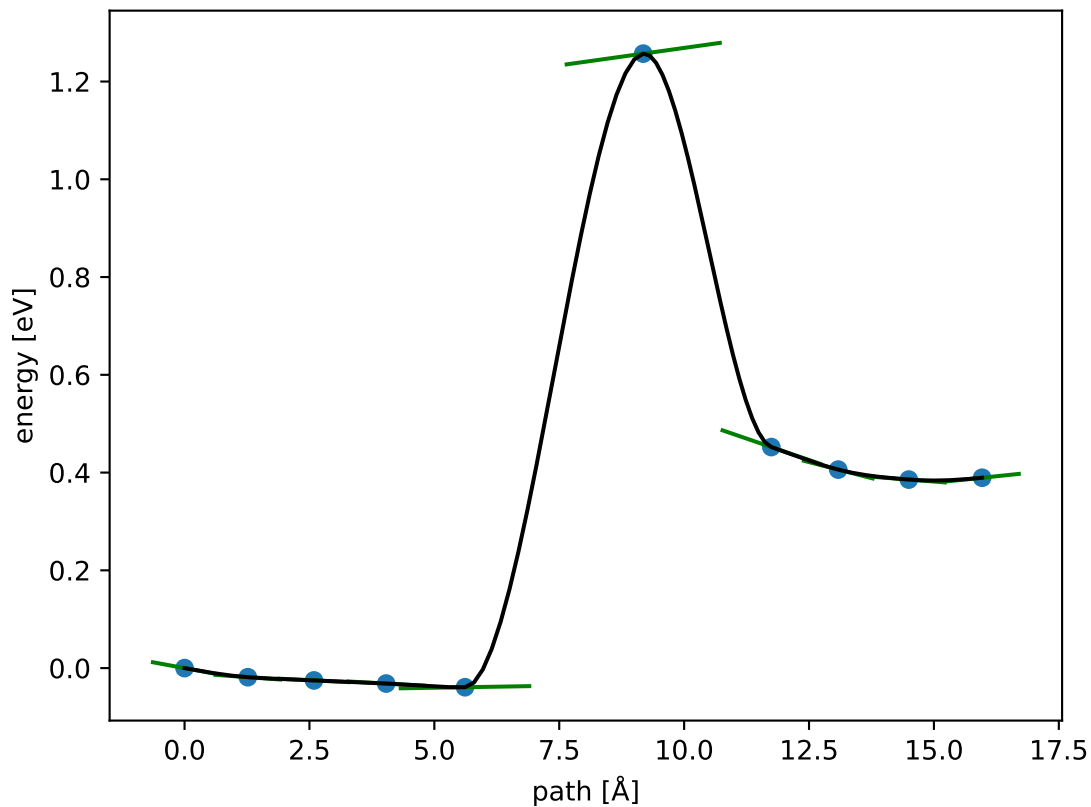
$$E_f \approx 1.261 \text{ eV}; E_r \approx 0.872 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



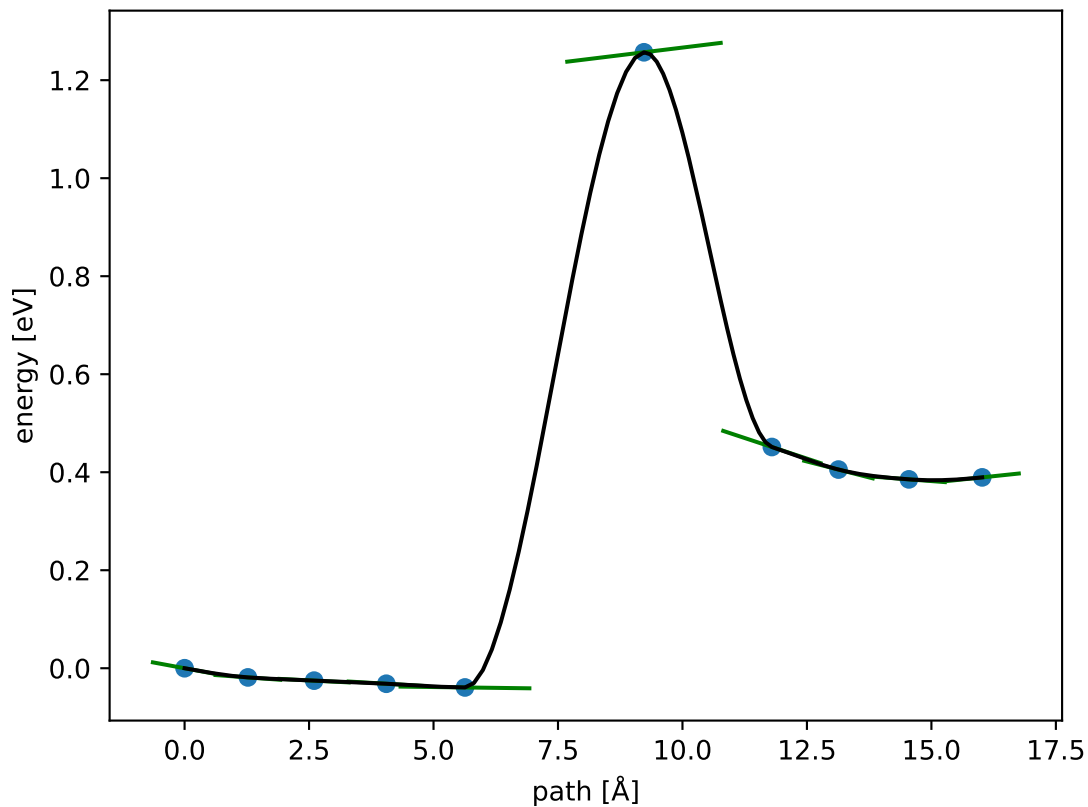
$$E_f \approx 1.259 \text{ eV}; E_r \approx 0.869 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



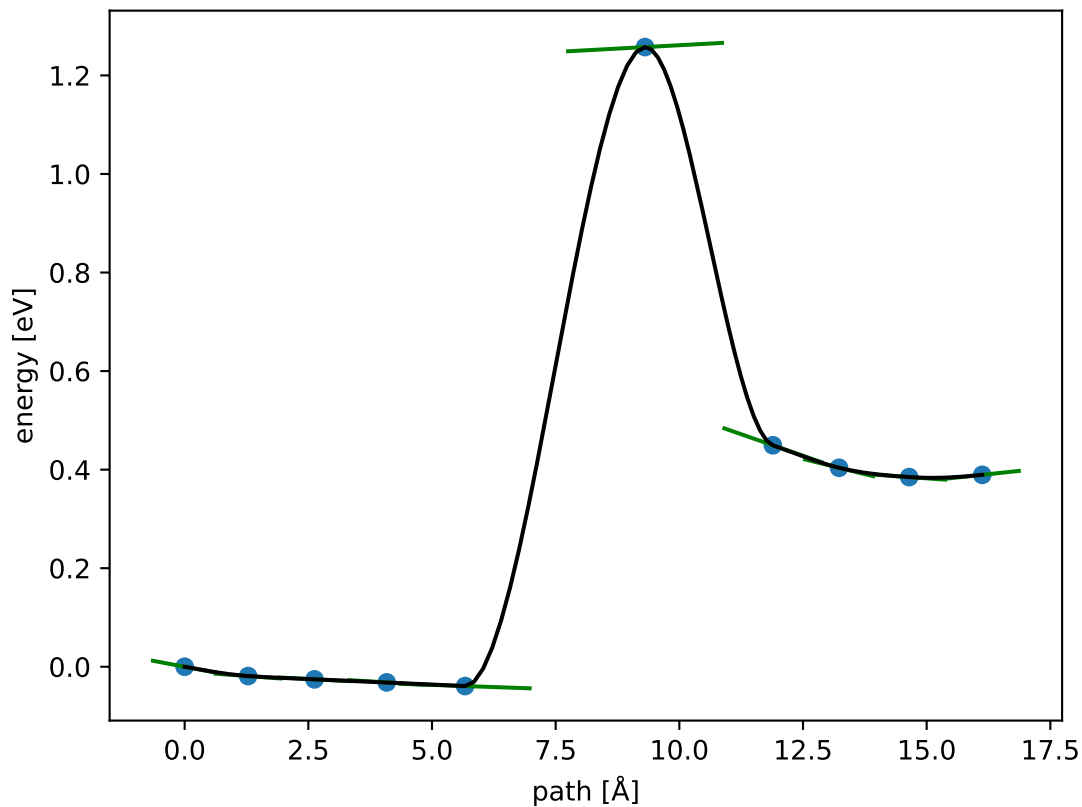
$$E_f \approx 1.257 \text{ eV}; E_r \approx 0.868 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.257 \text{ eV}; E_r \approx 0.867 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

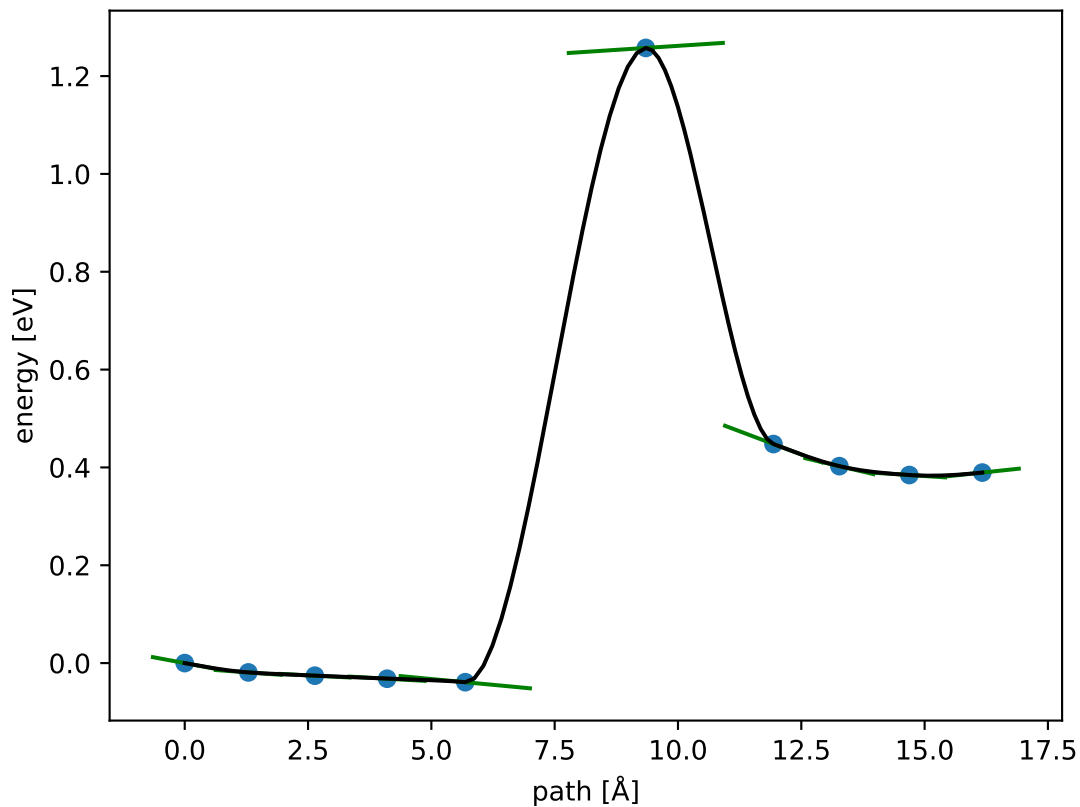


$$E_f \approx 1.258 \text{ eV}; E_r \approx 0.868 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

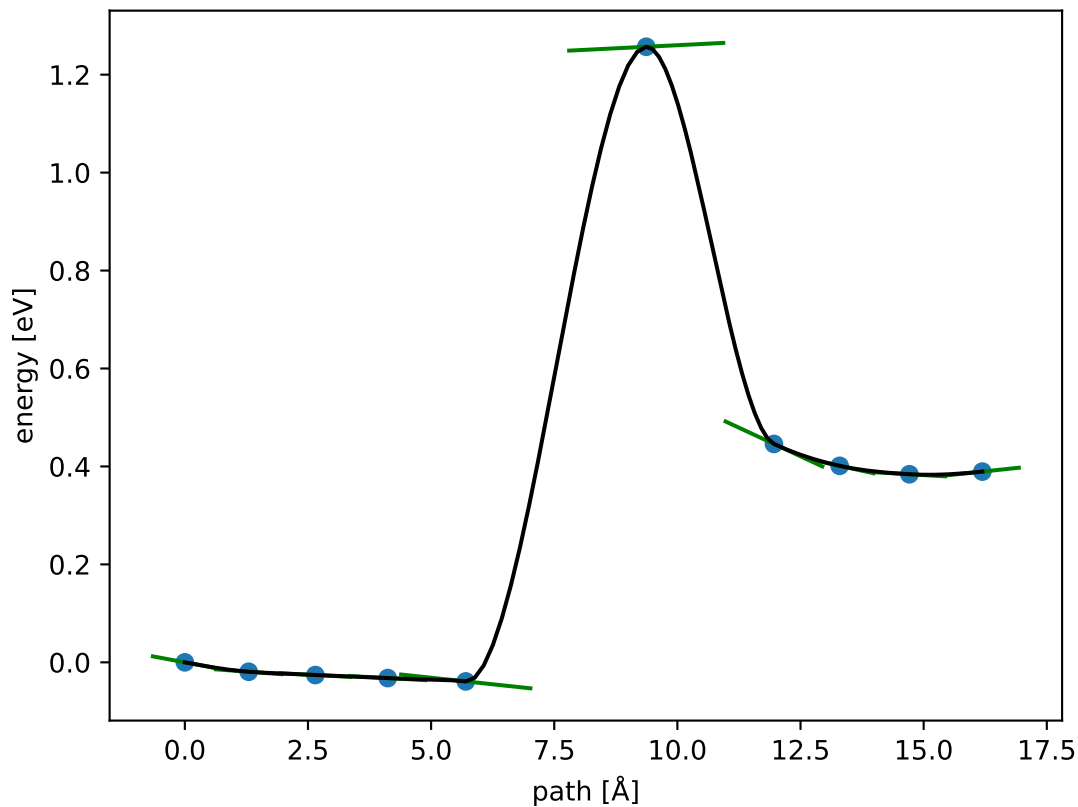




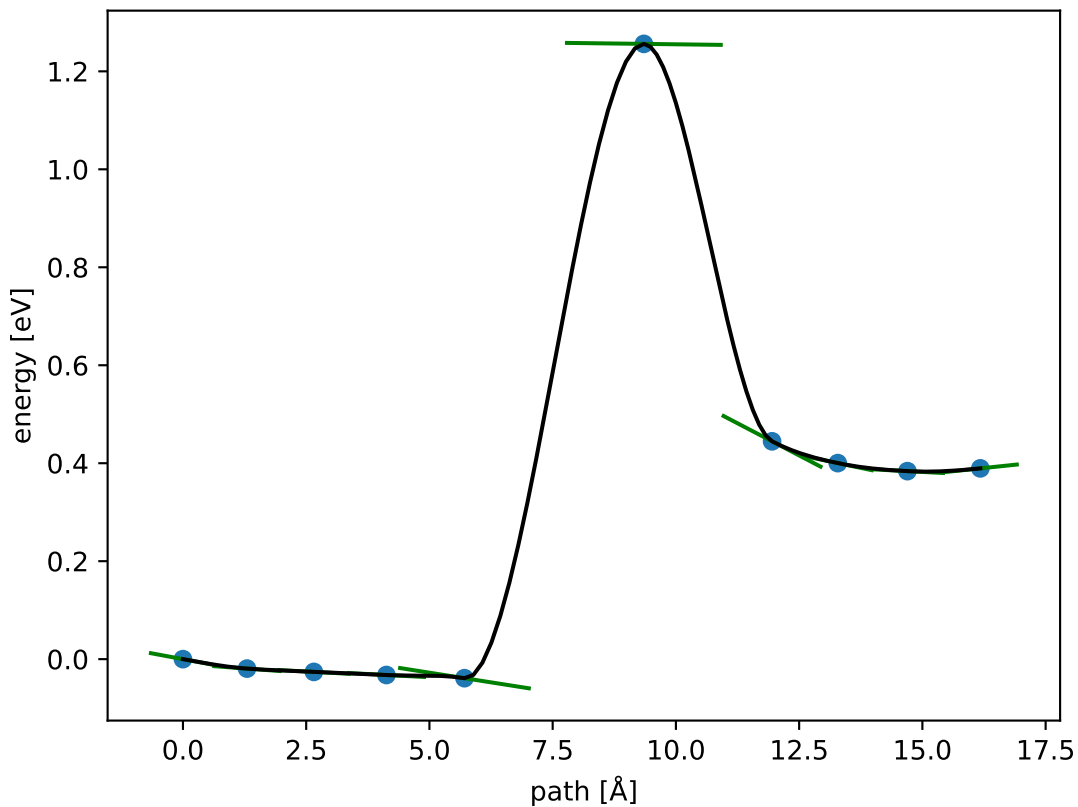
$$E_f \approx 1.258 \text{ eV}; E_r \approx 0.868 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



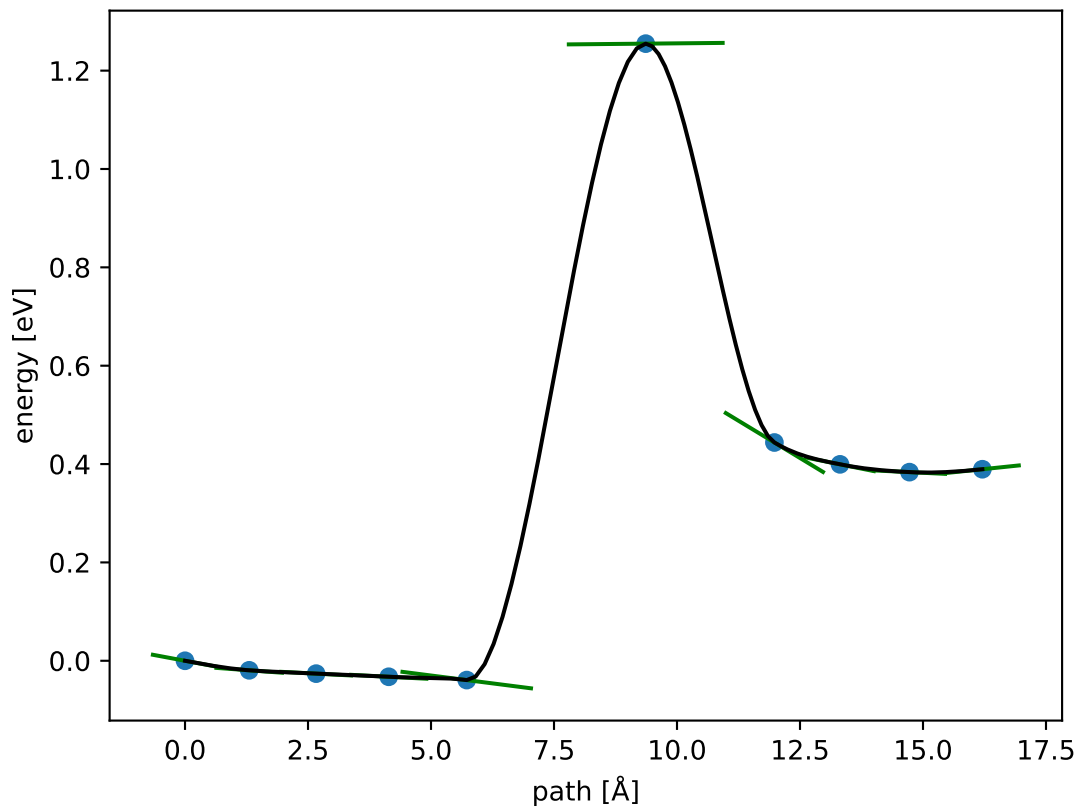
$$E_f \approx 1.257 \text{ eV}; E_r \approx 0.867 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



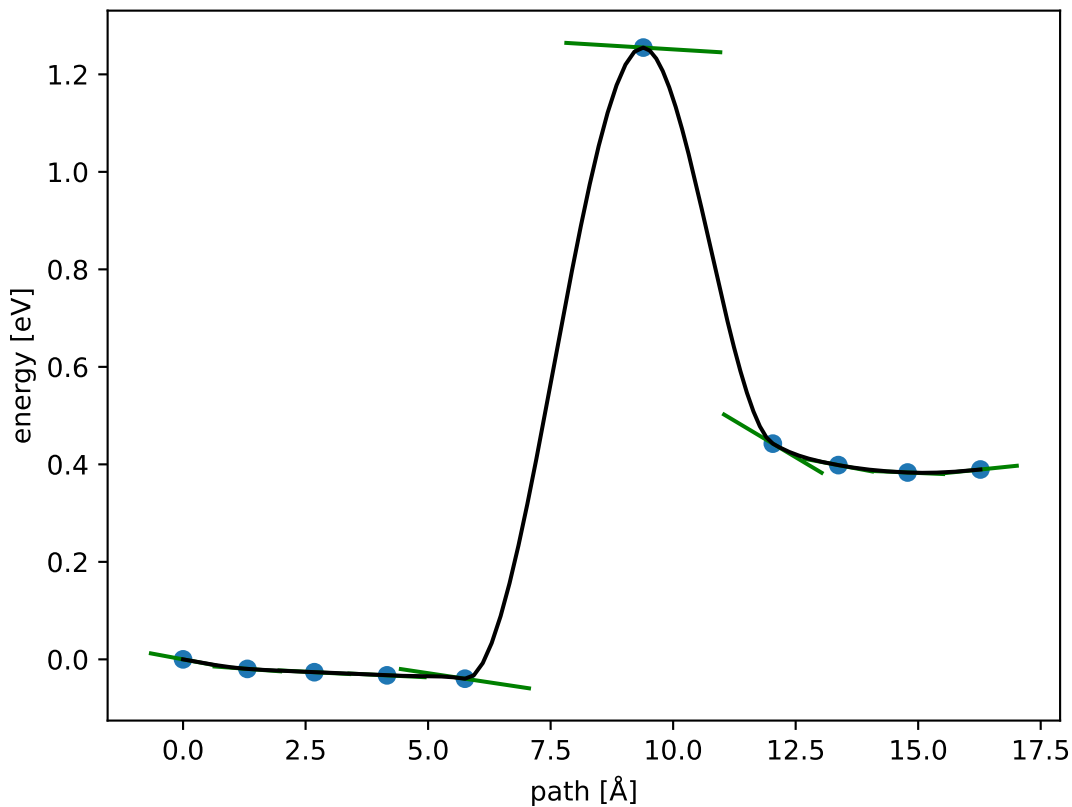
$$E_f \approx 1.256 \text{ eV}; E_r \approx 0.867 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



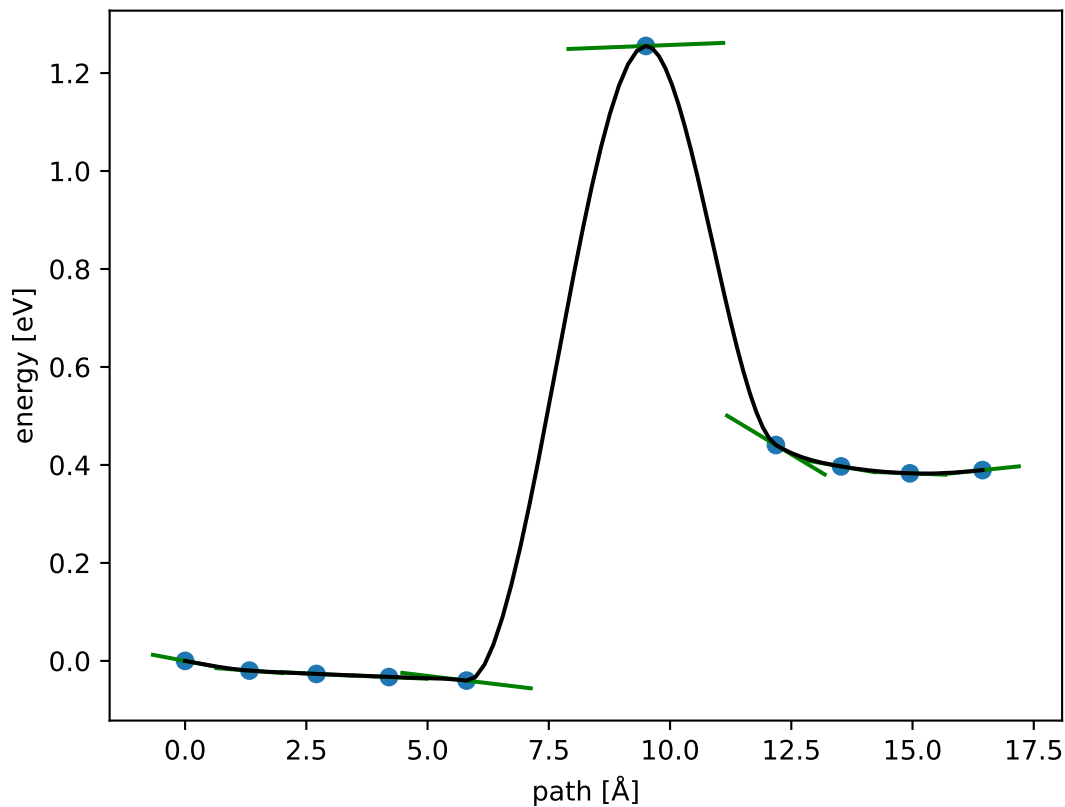
$$E_f \approx 1.255 \text{ eV}; E_r \approx 0.865 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



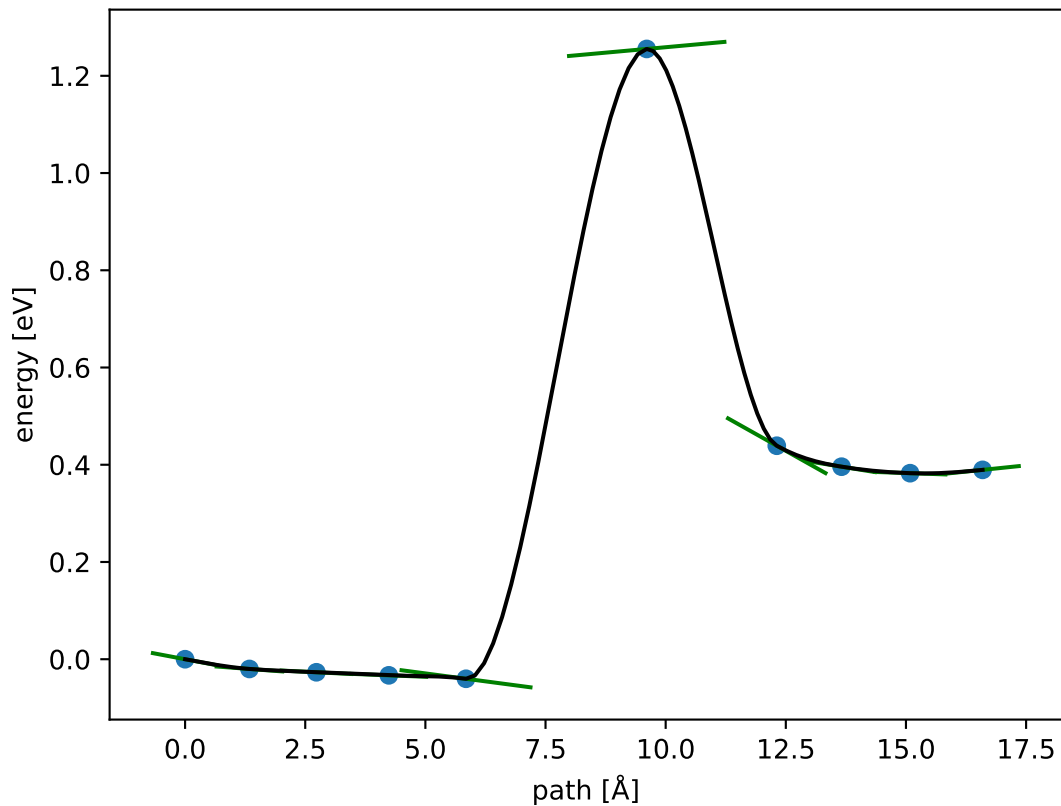
$$E_f \approx 1.255 \text{ eV}; E_r \approx 0.865 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



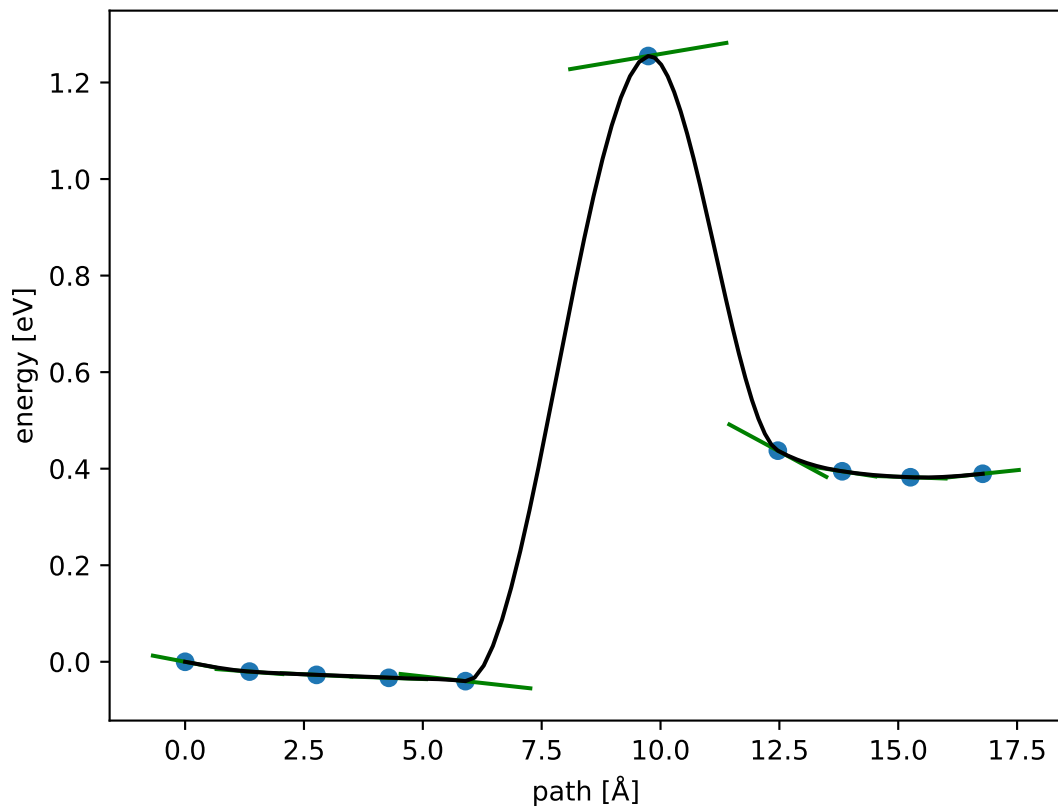
$$E_f \approx 1.255 \text{ eV}; E_r \approx 0.866 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.255 \text{ eV}; E_r \approx 0.866 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

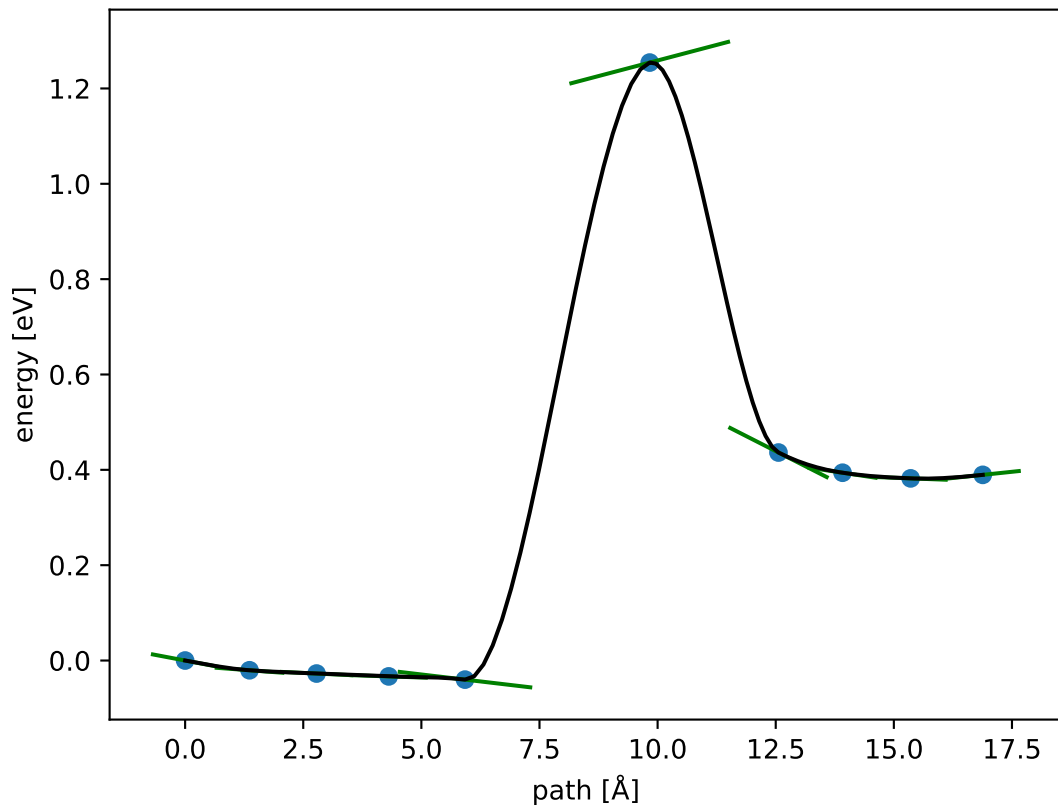


$$E_f \approx 1.255 \text{ eV}; E_r \approx 0.865 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

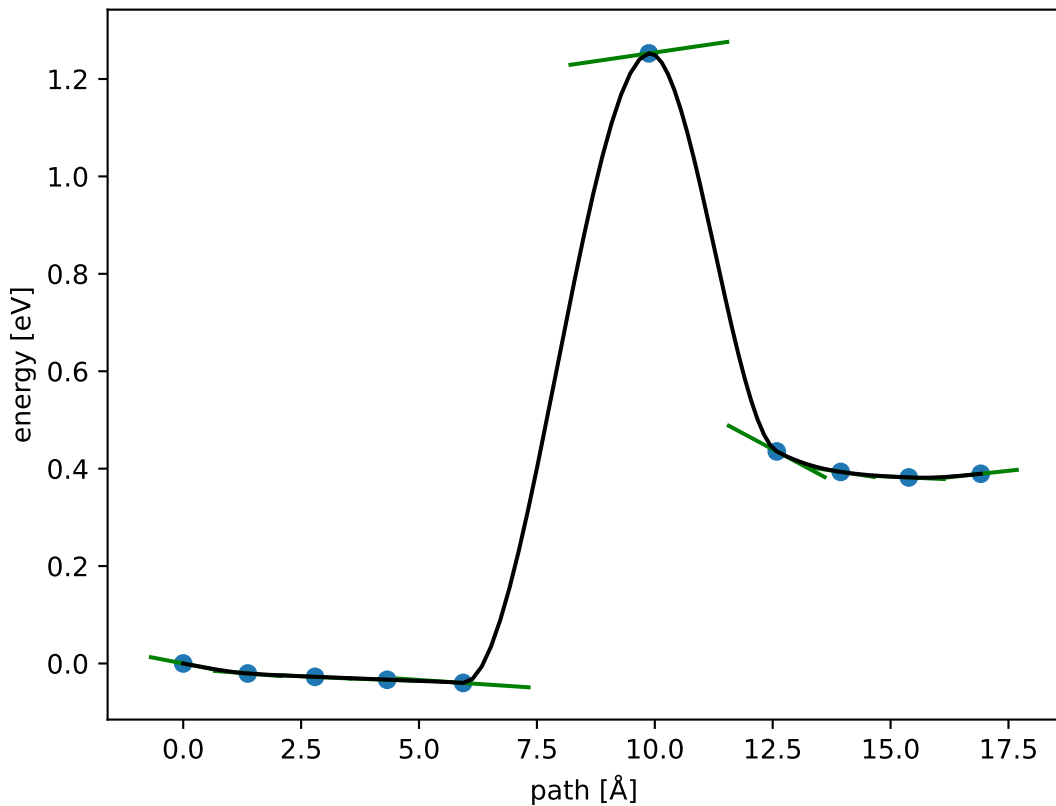




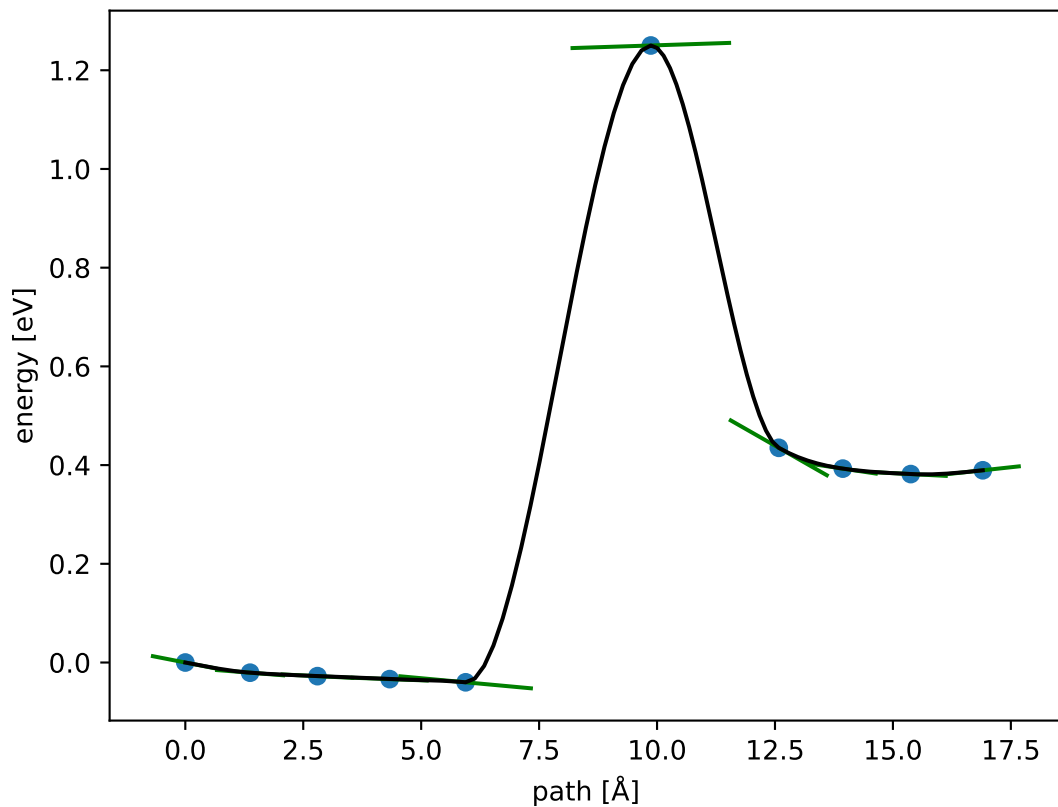
$$E_f \approx 1.254 \text{ eV}; E_r \approx 0.865 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



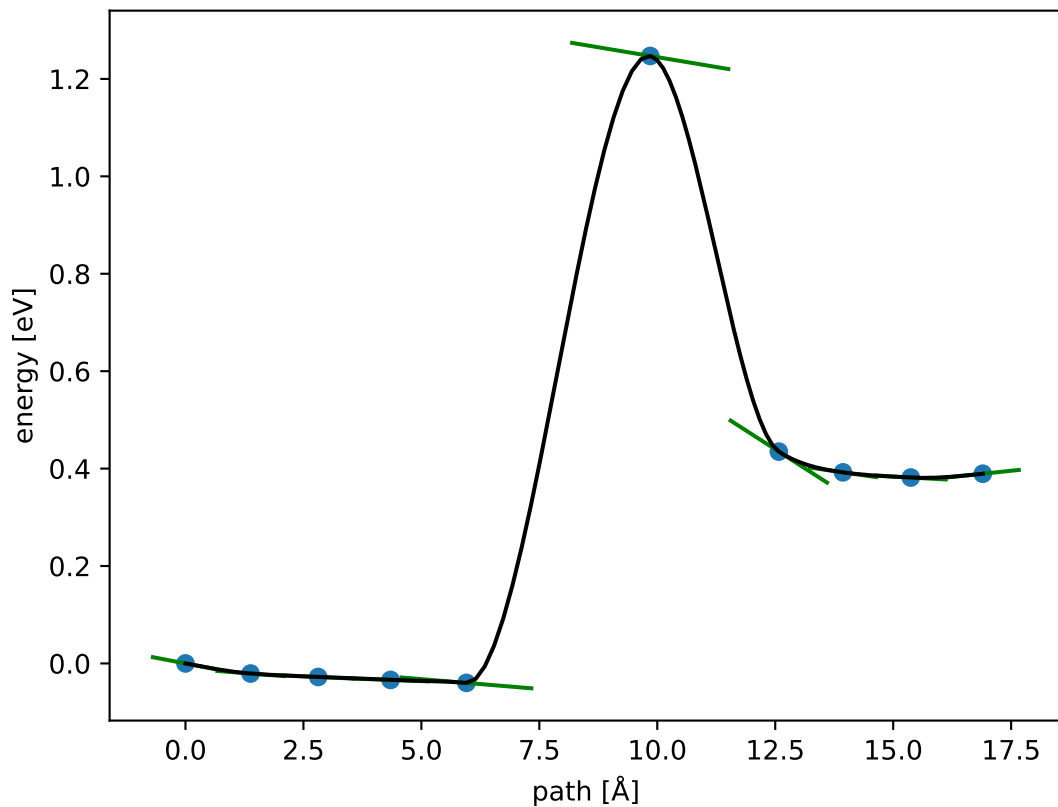
$$E_f \approx 1.253 \text{ eV}; E_r \approx 0.863 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



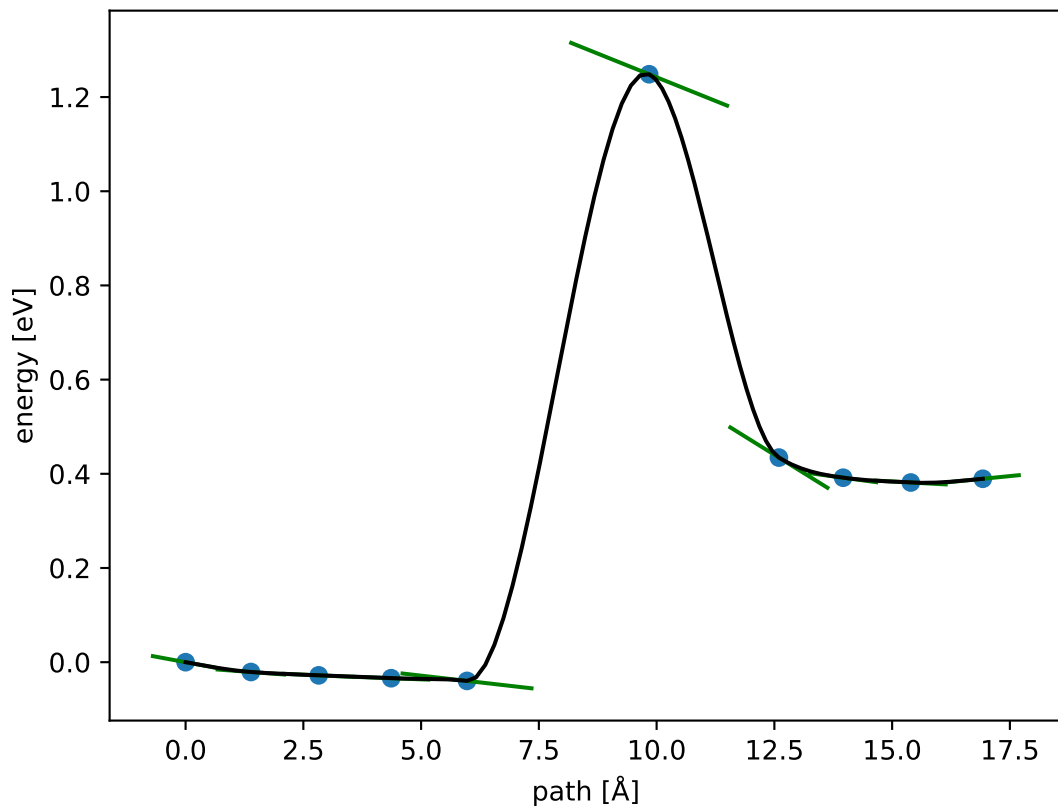
$$E_f \approx 1.250 \text{ eV}; E_r \approx 0.861 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



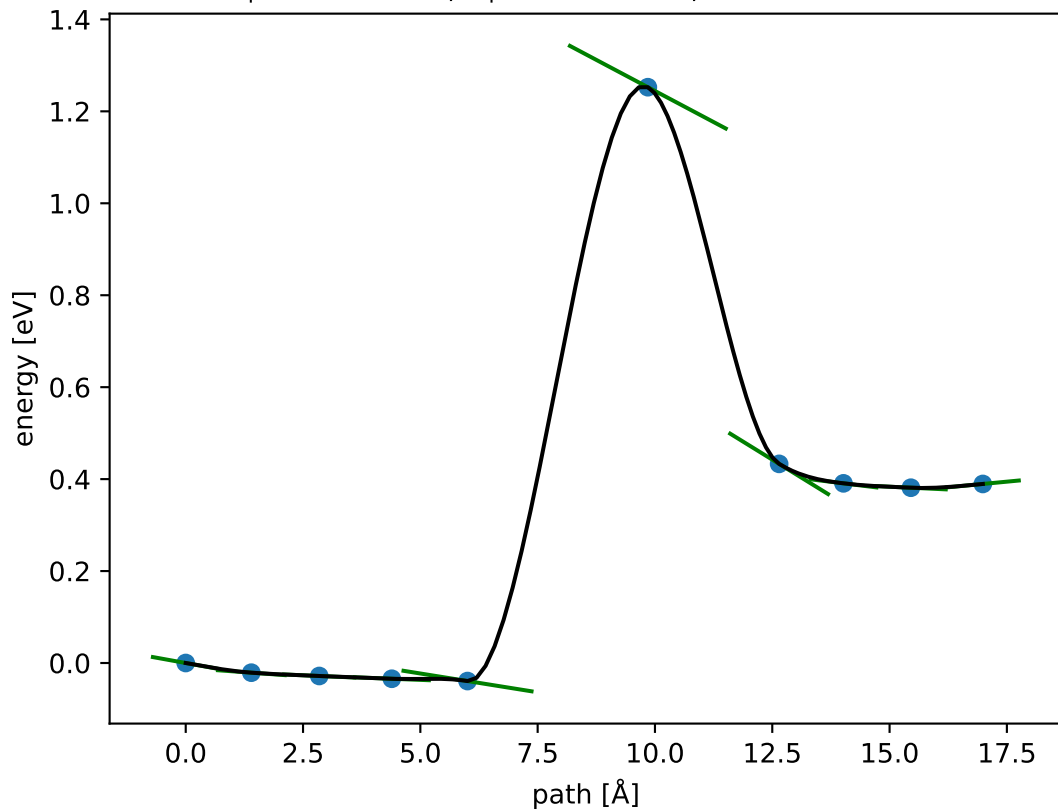
$$E_f \approx 1.247 \text{ eV}; E_r \approx 0.858 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



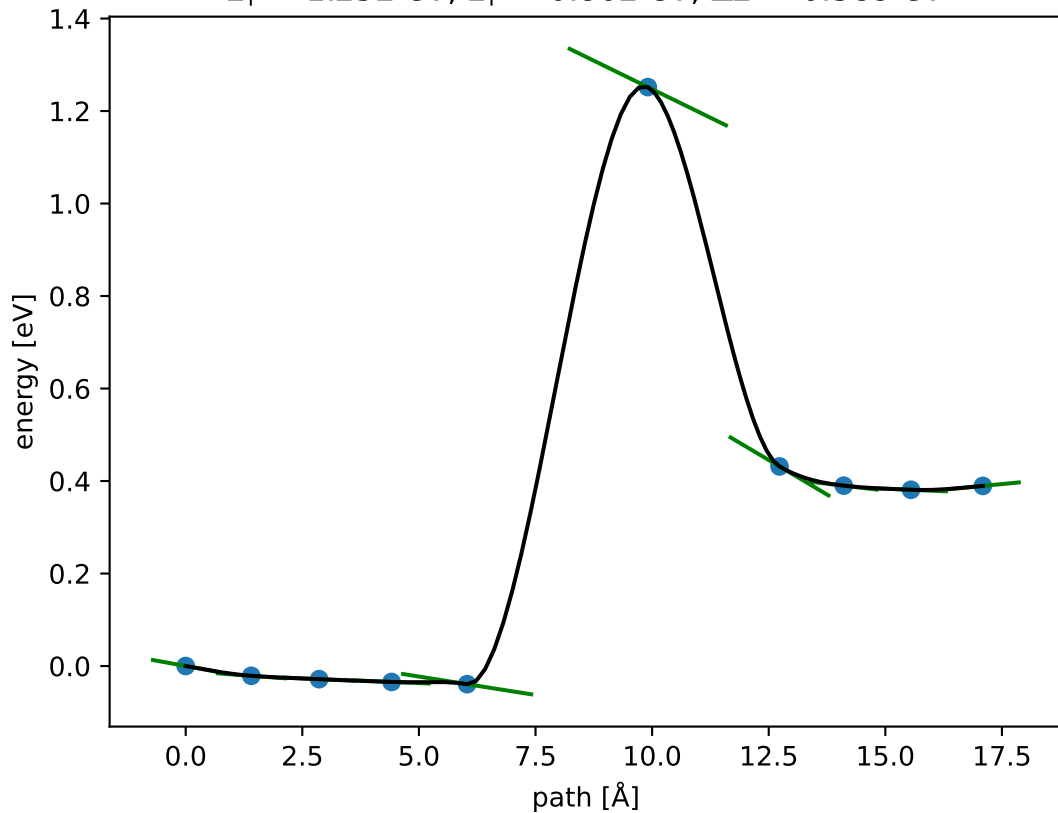
$$E_f \approx 1.248 \text{ eV}; E_r \approx 0.859 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



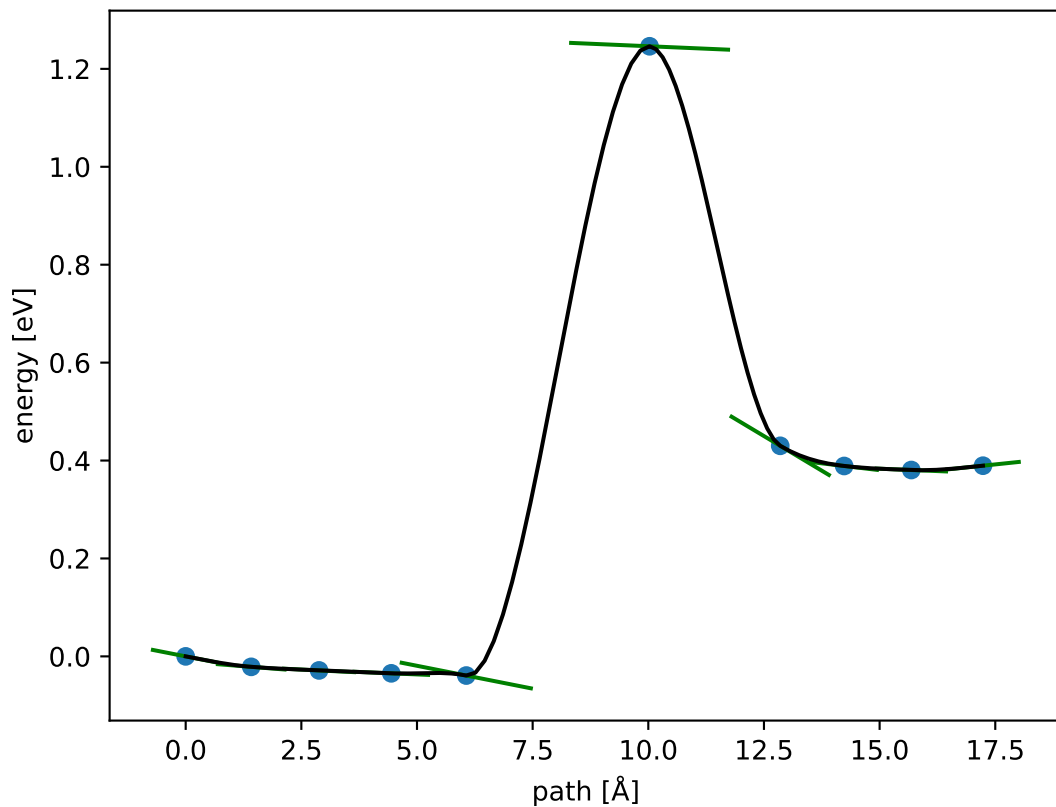
$$E_f \approx 1.252 \text{ eV}; E_r \approx 0.863 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.252 \text{ eV}; E_r \approx 0.862 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

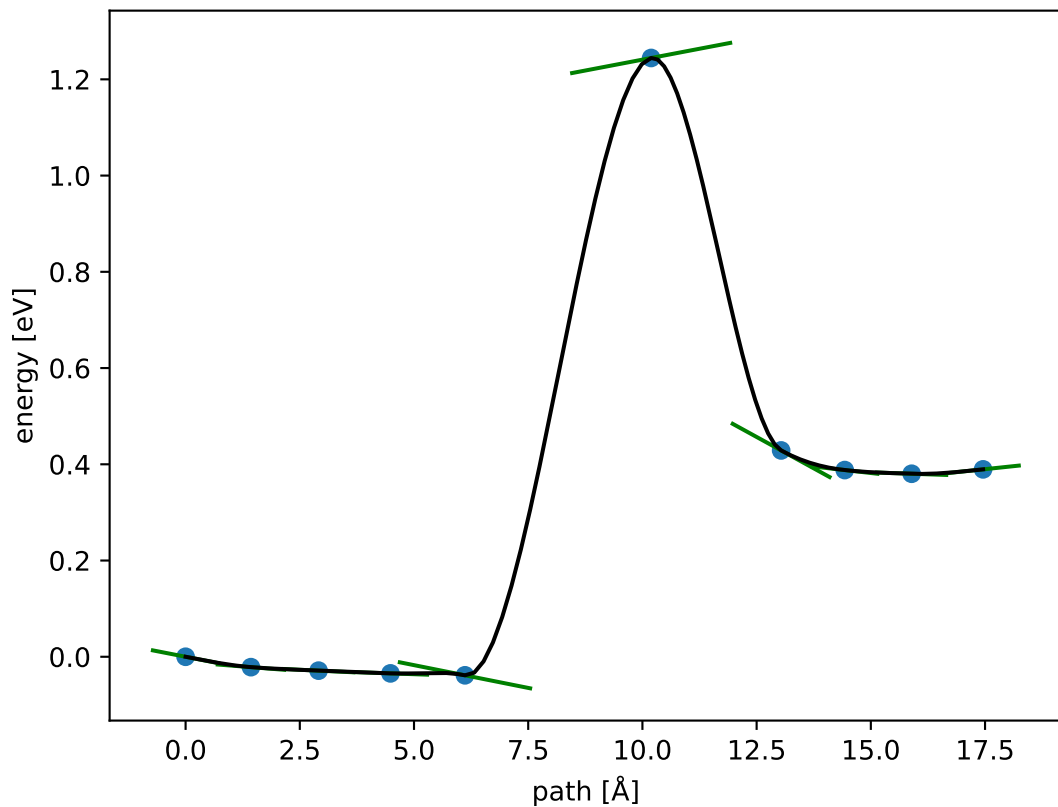


$$E_f \approx 1.246 \text{ eV}; E_r \approx 0.857 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

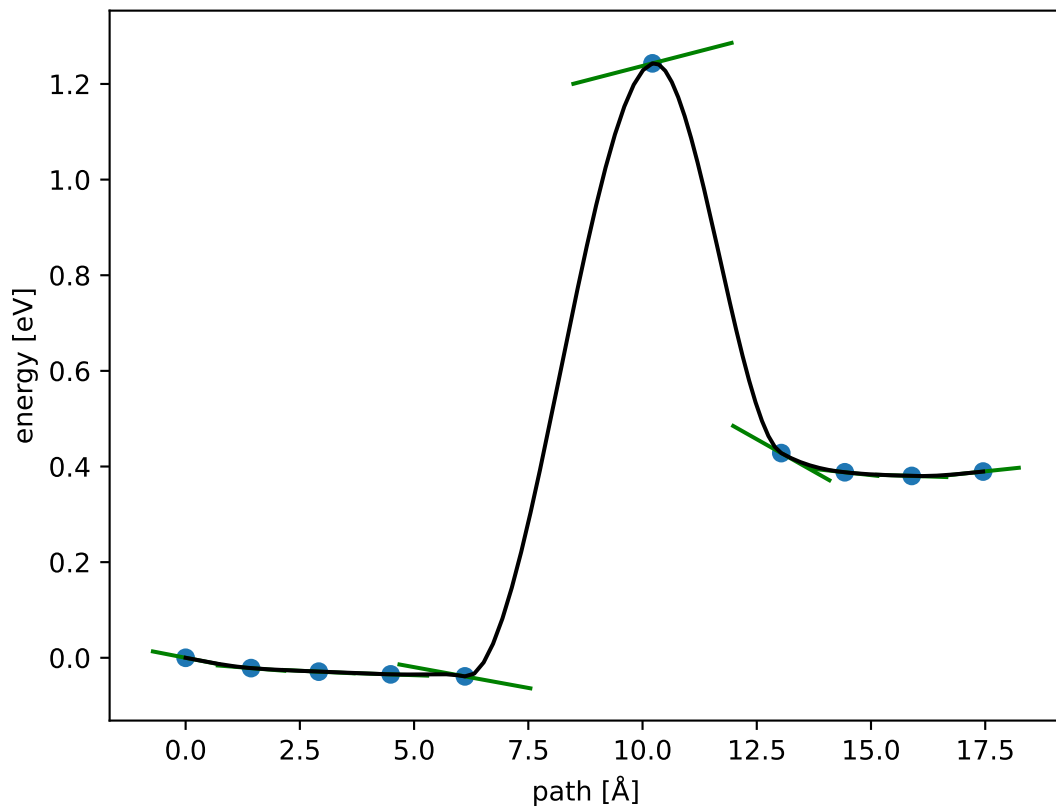




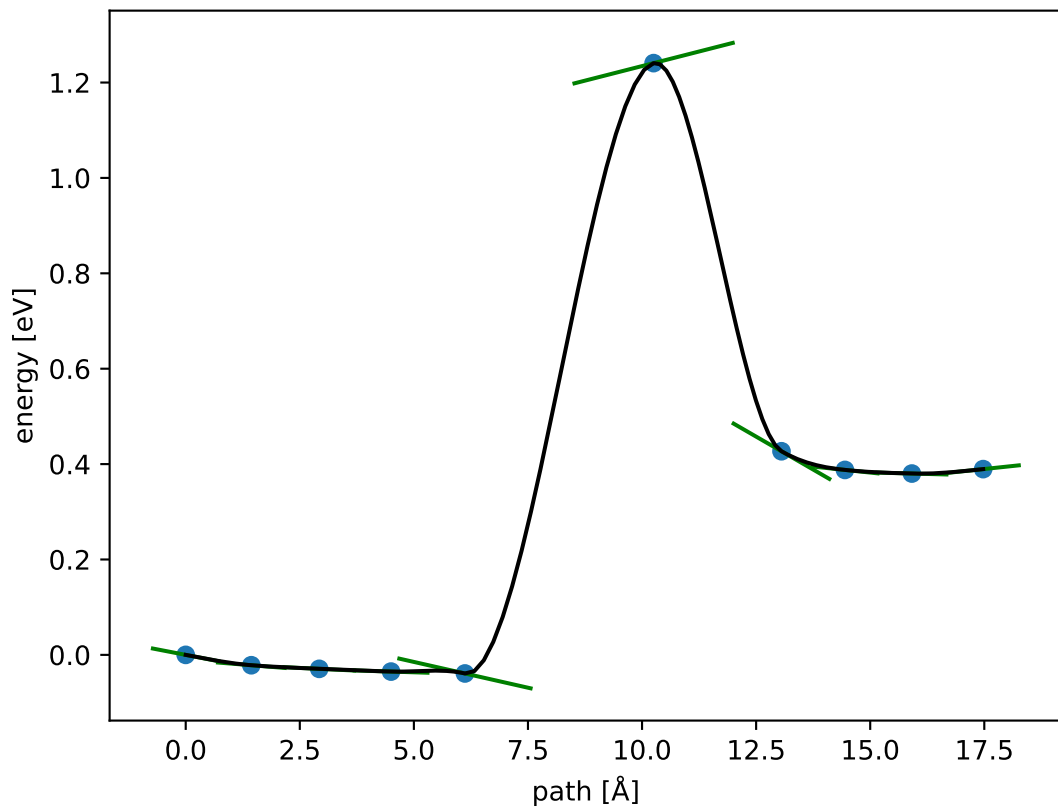
$$E_f \approx 1.244 \text{ eV}; E_r \approx 0.855 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



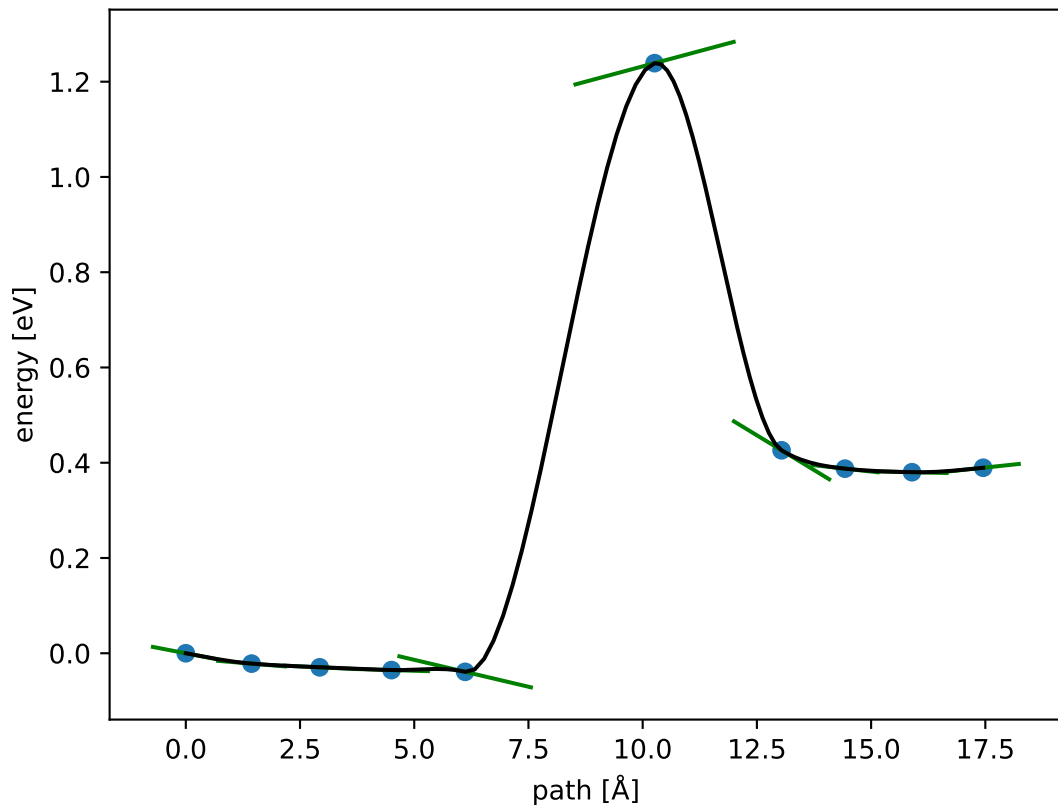
$$E_f \approx 1.243 \text{ eV}; E_r \approx 0.854 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



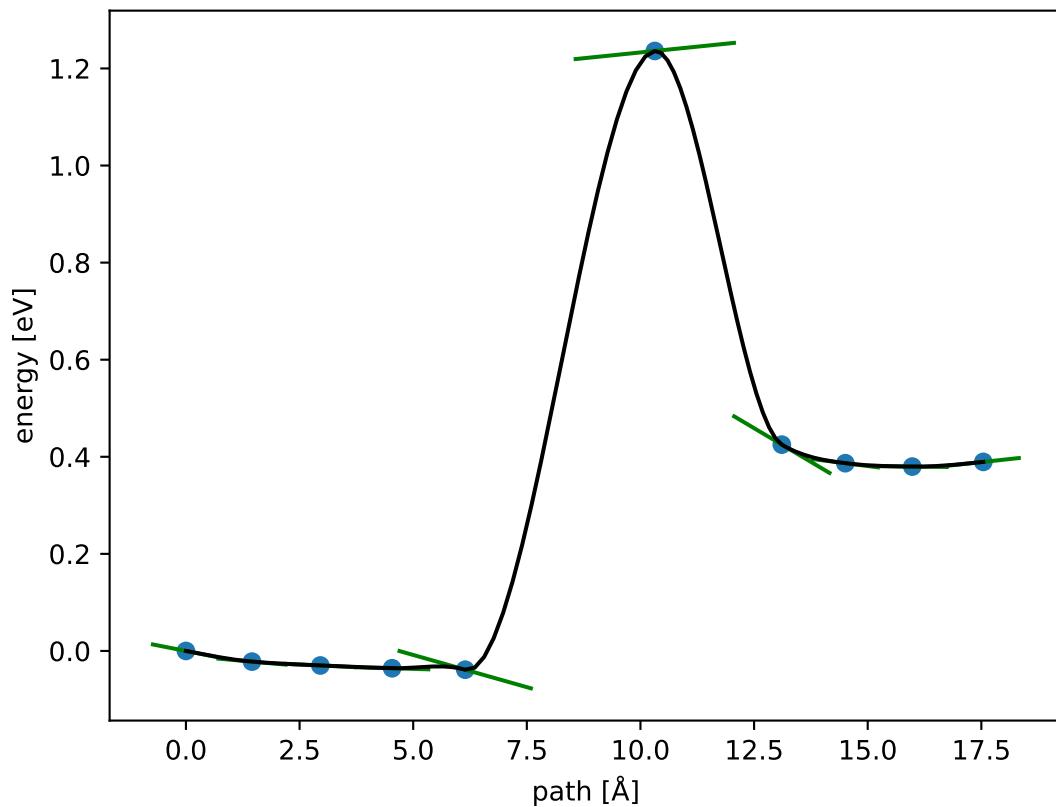
$$E_f \approx 1.241 \text{ eV}; E_r \approx 0.851 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



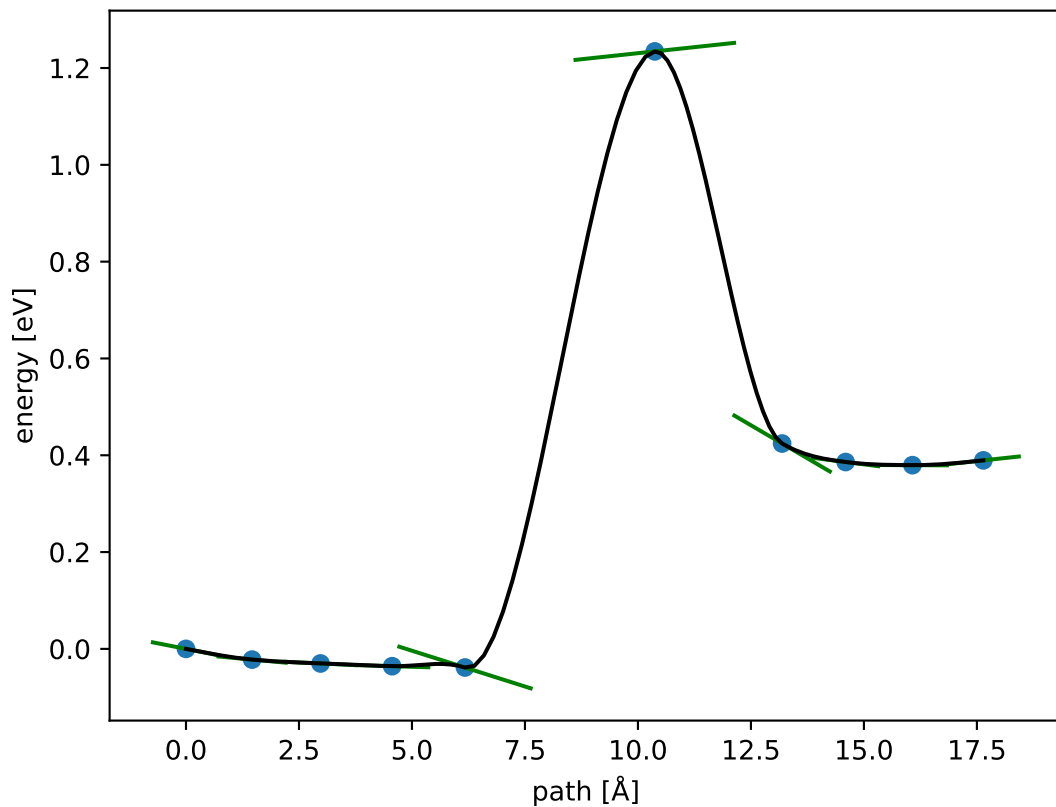
$$E_f \approx 1.239 \text{ eV}; E_r \approx 0.849 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



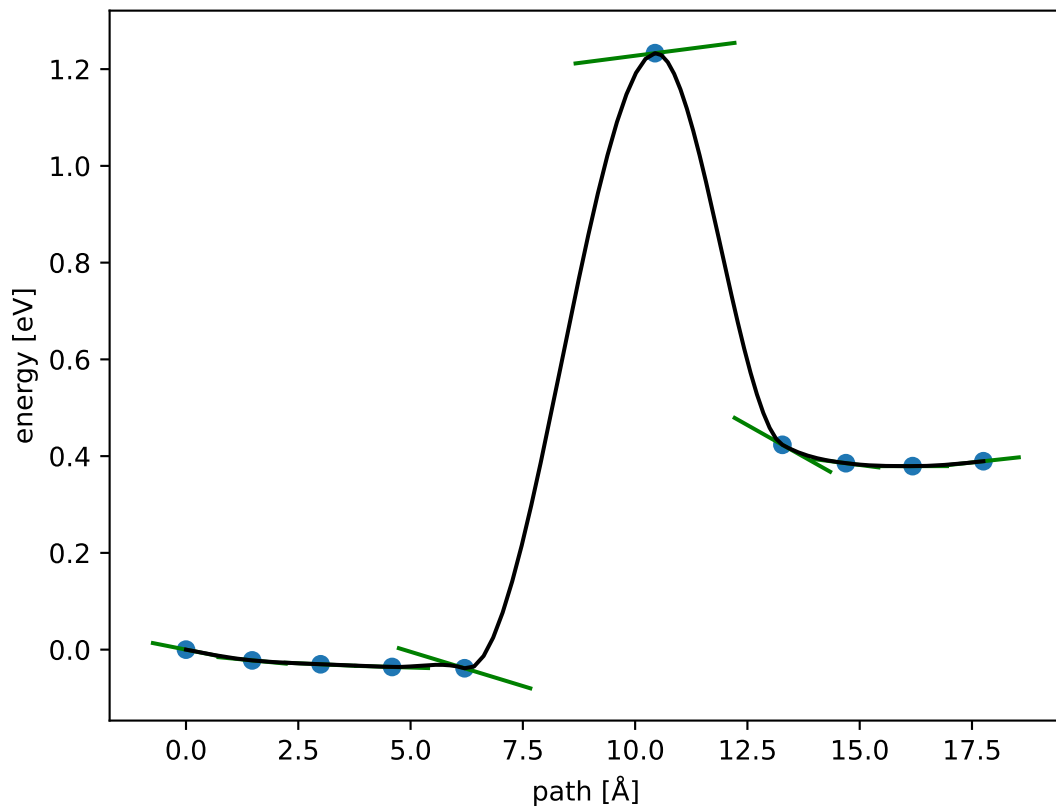
$$E_f \approx 1.236 \text{ eV}; E_r \approx 0.847 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



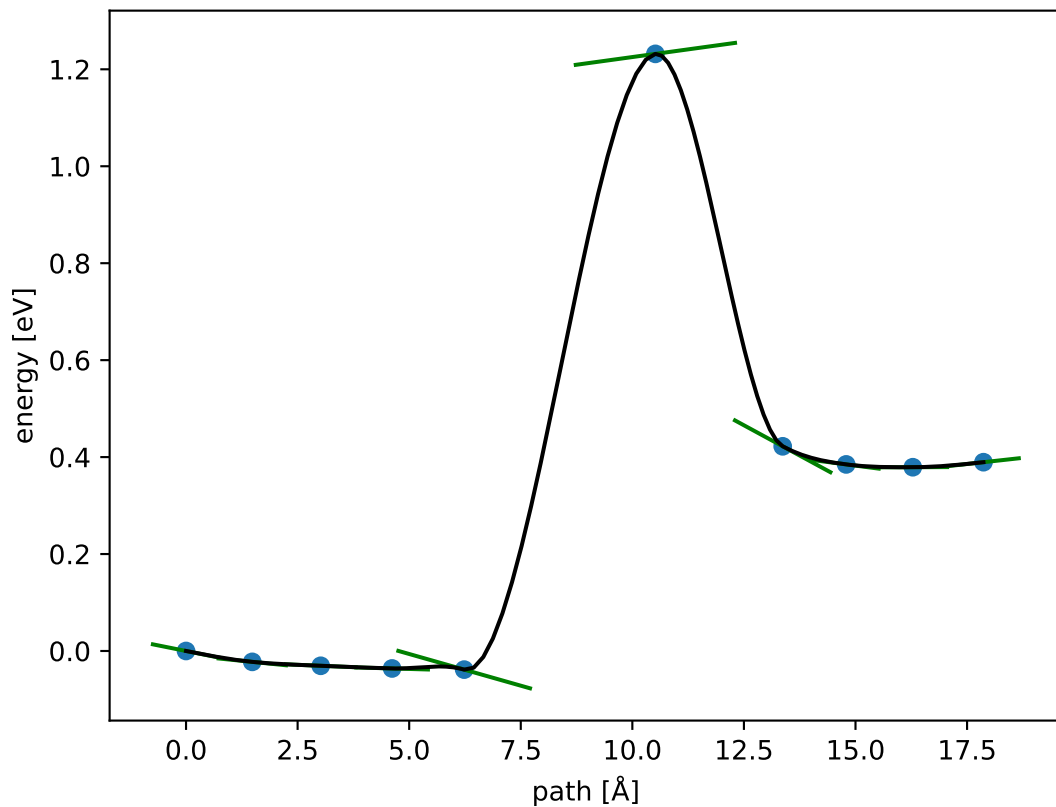
$$E_f \approx 1.234 \text{ eV}; E_r \approx 0.845 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.233 \text{ eV}; E_r \approx 0.844 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

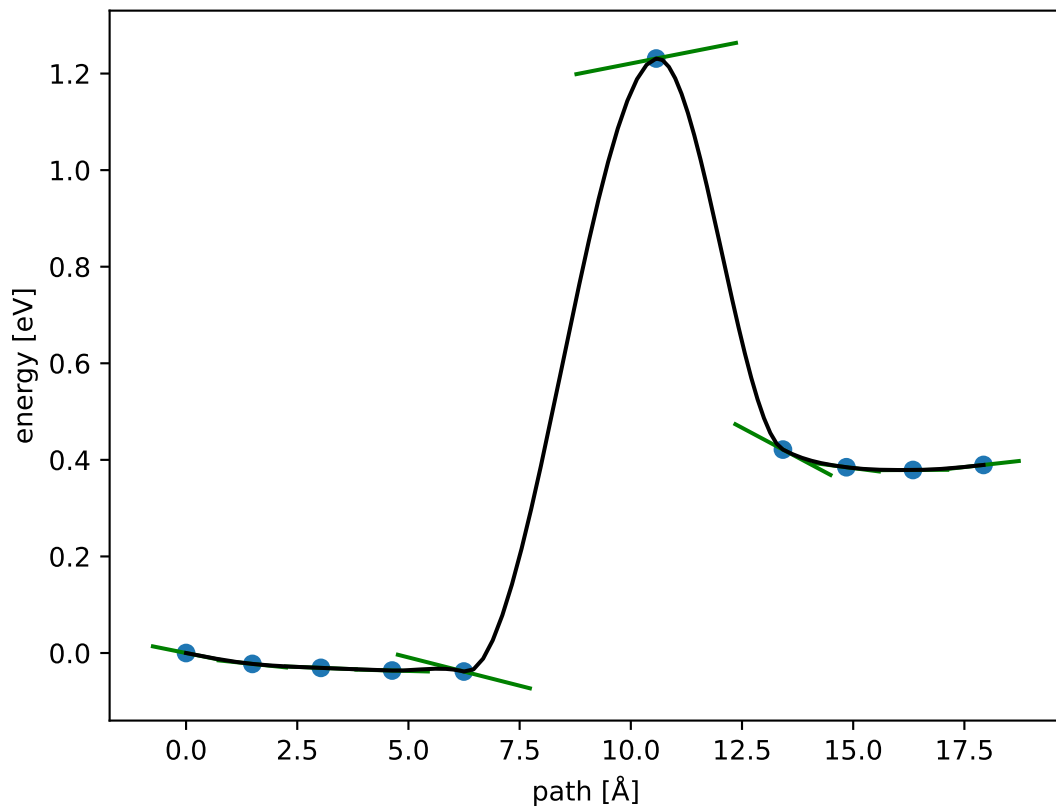


$$E_f \approx 1.232 \text{ eV}; E_r \approx 0.842 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

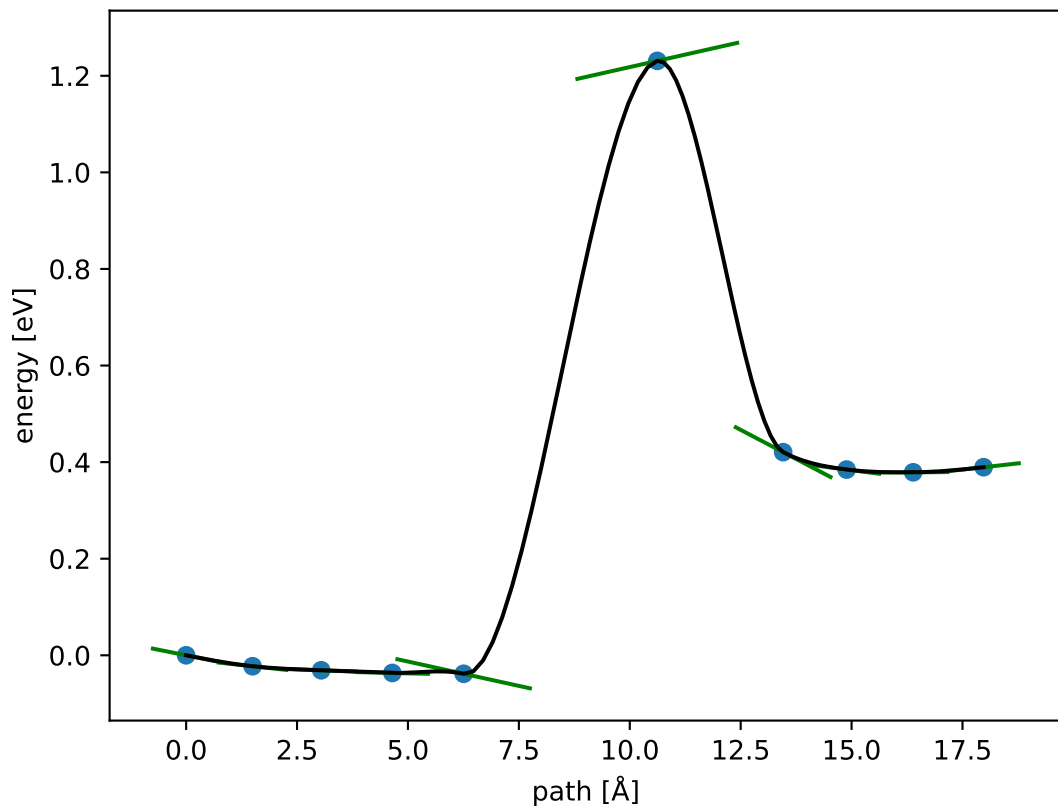




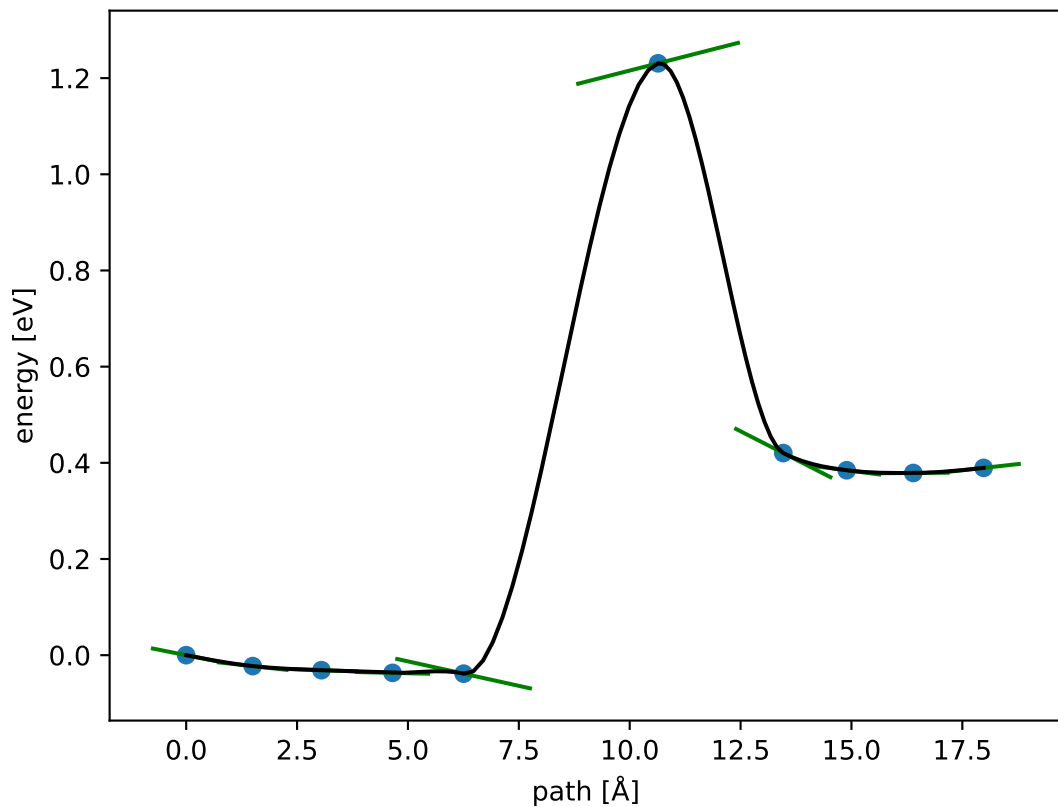
$$E_f \approx 1.231 \text{ eV}; E_r \approx 0.842 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



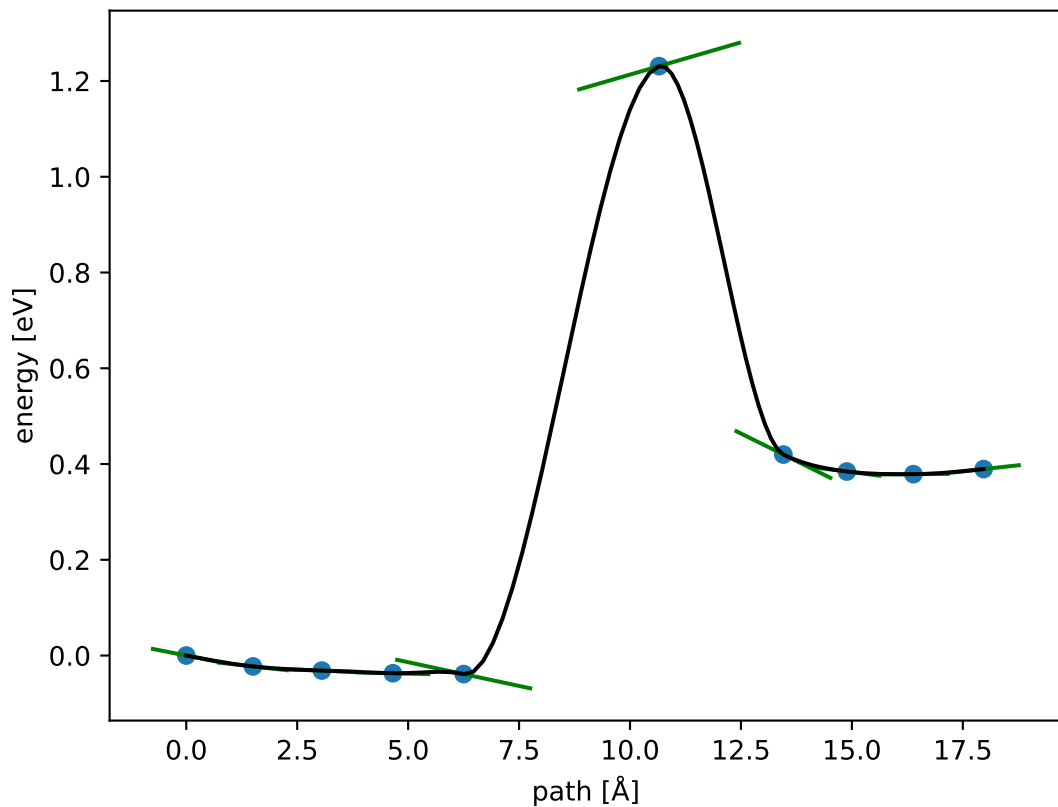
$$E_f \approx 1.231 \text{ eV}; E_r \approx 0.841 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.231 \text{ eV}; E_r \approx 0.841 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.231 \text{ eV}; E_r \approx 0.842 \text{ eV}; \Delta E = 0.389 \text{ eV}$$



$$E_f \approx 1.231 \text{ eV}; E_r \approx 0.841 \text{ eV}; \Delta E = 0.389 \text{ eV}$$

