The diagram shows a graph of the function $f(x)$ with two curves: $f(x)$ (solid blue line) and the curve fit result (dashed red line). The graph highlights minima and roots:

- **Minima**: Marked by green circles.
- **Roots**: Marked by black triangles.

The x-axis represents the variable $x$, and the y-axis represents $f(x)$. The range for $x$ is from -10 to 10, and the range for $f(x)$ is from -20 to 120.