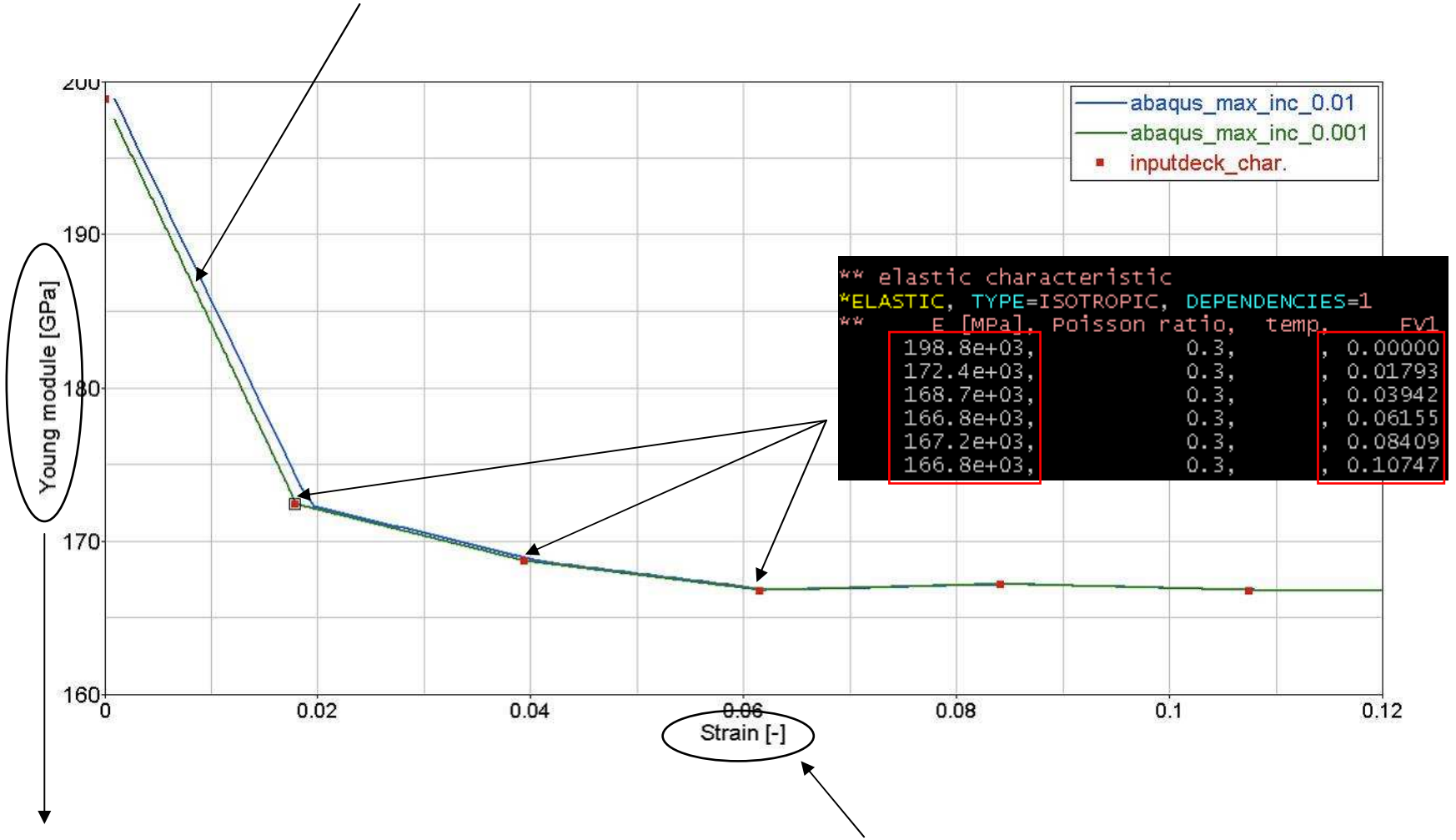
When using USDFLD subroutine increment has influence for results.



$$\sigma = E \cdot \varepsilon \Rightarrow E = \frac{\sigma}{\varepsilon} = \frac{S11}{EE11}$$

EE11 output (elastic strain)