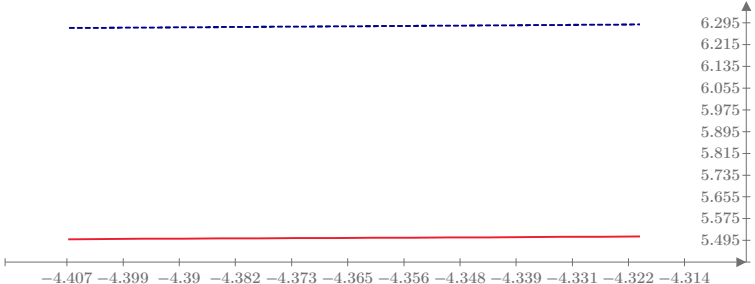
$$\sigma_{p3AAid}\left(y_{br}\right) := \sqrt{\sigma_{AA}\left(y_{br}\right)^{2} + 3 \cdot \tau_{zp}\left(y_{br}\right)^{2}}$$

$$\sigma_{pp3AAid}\left(y_{br}\right) := \sqrt{\sigma_{AA}\left(y_{br}\right)^{2} + 3 \cdot \tau_{zpp}\left(y_{br}\right)^{2}}$$



$\sigma_{p3AAid}\left(y_{br}\right)$ $\left(\frac{kgf}{mm^2}\right)$

$\sigma_{pp3AAid}\left(y_{br}\right)$ $\left(\frac{kgf}{mm^2}\right)$

$$\sigma_{p3AAid}\left(-\left(h - y_G\right)\right) = 6.289 \ \frac{kgf}{mm^2}$$