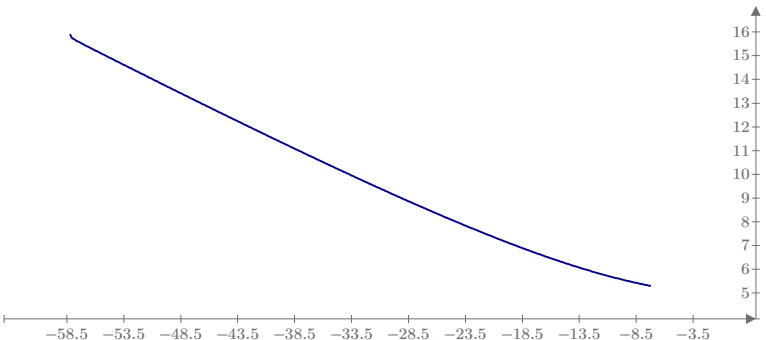
$$\sigma_{4AAid}(y_{br}) := \sqrt{\sigma_{AA}(y_{br})^2 + 3 \cdot \tau_z(y_{br})^2}$$



$\sigma_{4AAid}(y_{br})$ $\left(\frac{kgf}{mm^2}\right)$

$|\sigma_{AA}(-(R - y_G))| = 15.777 \frac{kgf}{mm^2}$ $\sigma_{1AAid}(H + y_G) = 16.629 \frac{kgf}{mm^2}$