Sanity check for $\eta(x)$ $\frac{\eta \mathcal{H}}{c}$ 3.0 $\frac{\mathcal{H}}{c} \frac{\mathrm{d}\eta}{\mathrm{d}x}$ 2.5 2.0 1.5 1.0 -17.5 -15.0 -12.5 -10.0 -7.5 -5.0 -2.50.0 -20.0 \mathcal{X}