

Figure DR2 $\log_{10} \eta$ after 63% extension

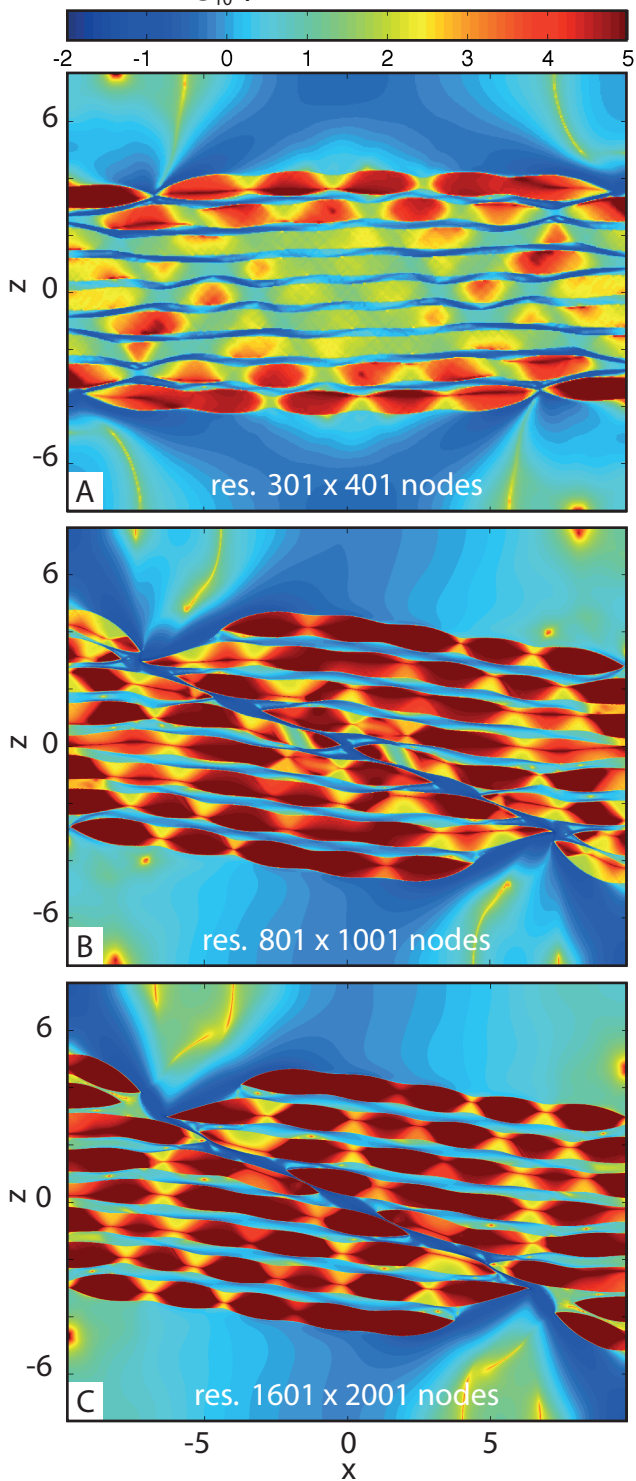


Figure DR2. Impact of the numerical resolution on the model results. The color palette corresponds to the viscosity field after 63% bulk extension. The power-law stress exponent of the matrix is $n=5$ and in the layers is $n=25$. The initial viscosity contrast was 30 and necking was initialized with a sinusoidal perturbation. The low-resolution model (panel A) produces significantly different results than the reference model (panel B). Higher resolution (panel C) exhibits a behavior similar to that of the moderate resolution model (panel B), which indicates that the model results converge with decreasing grid spacing.