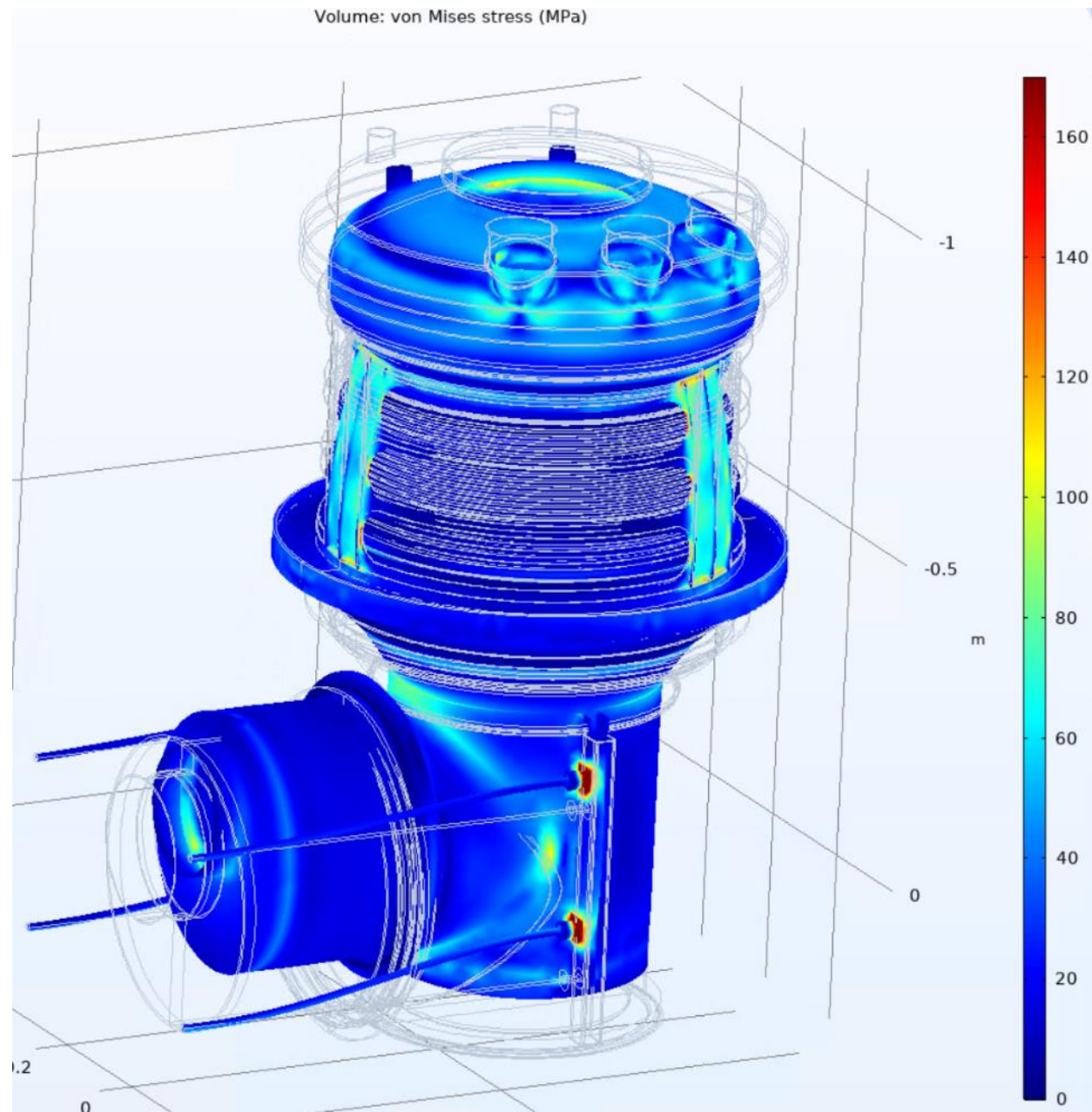


2x Bars and 4x Bars

A1: 4.2K and 3.5bara inside He vessel

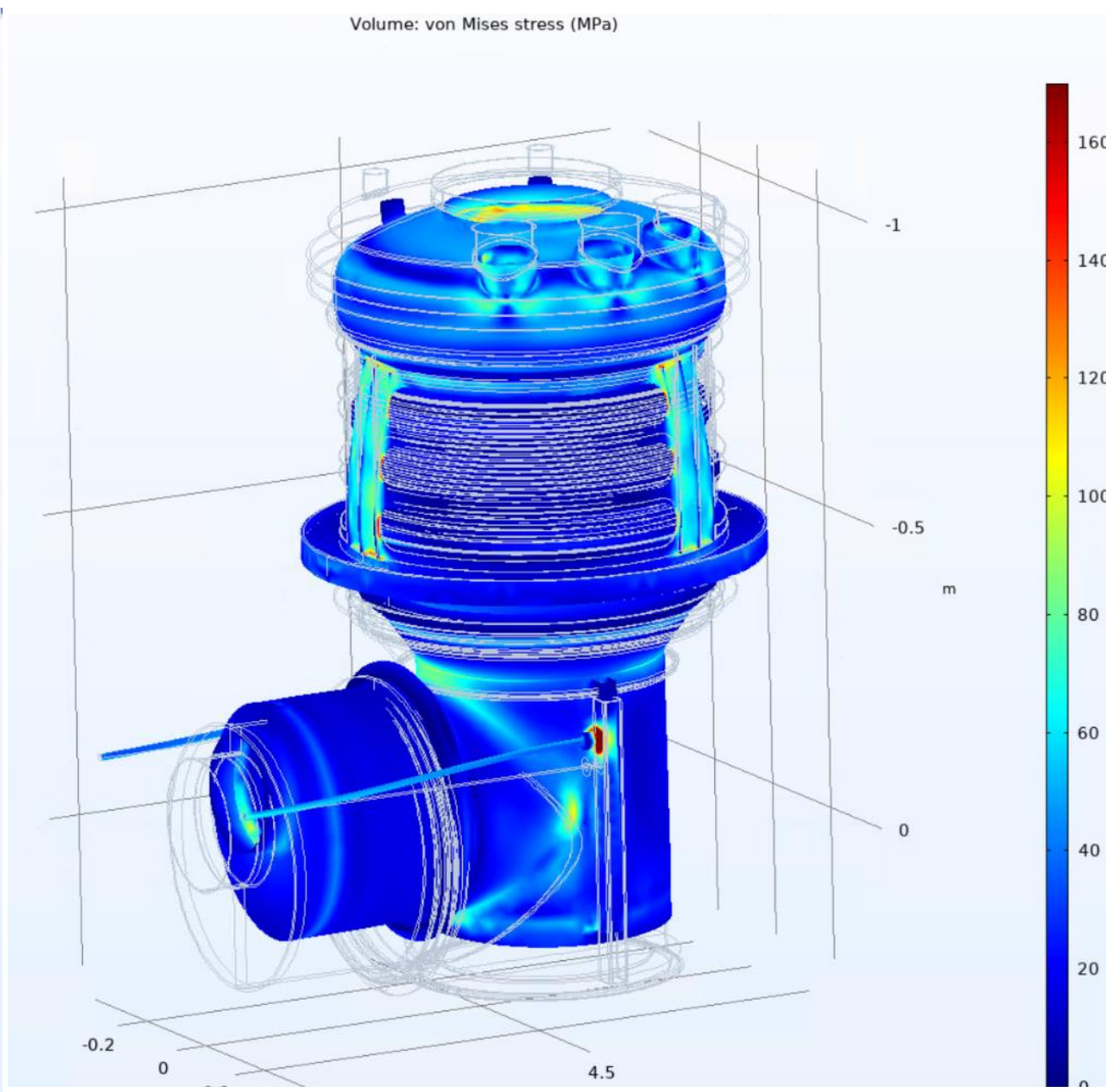
4xbars large ports side

Volume: von Mises stress (MPa)



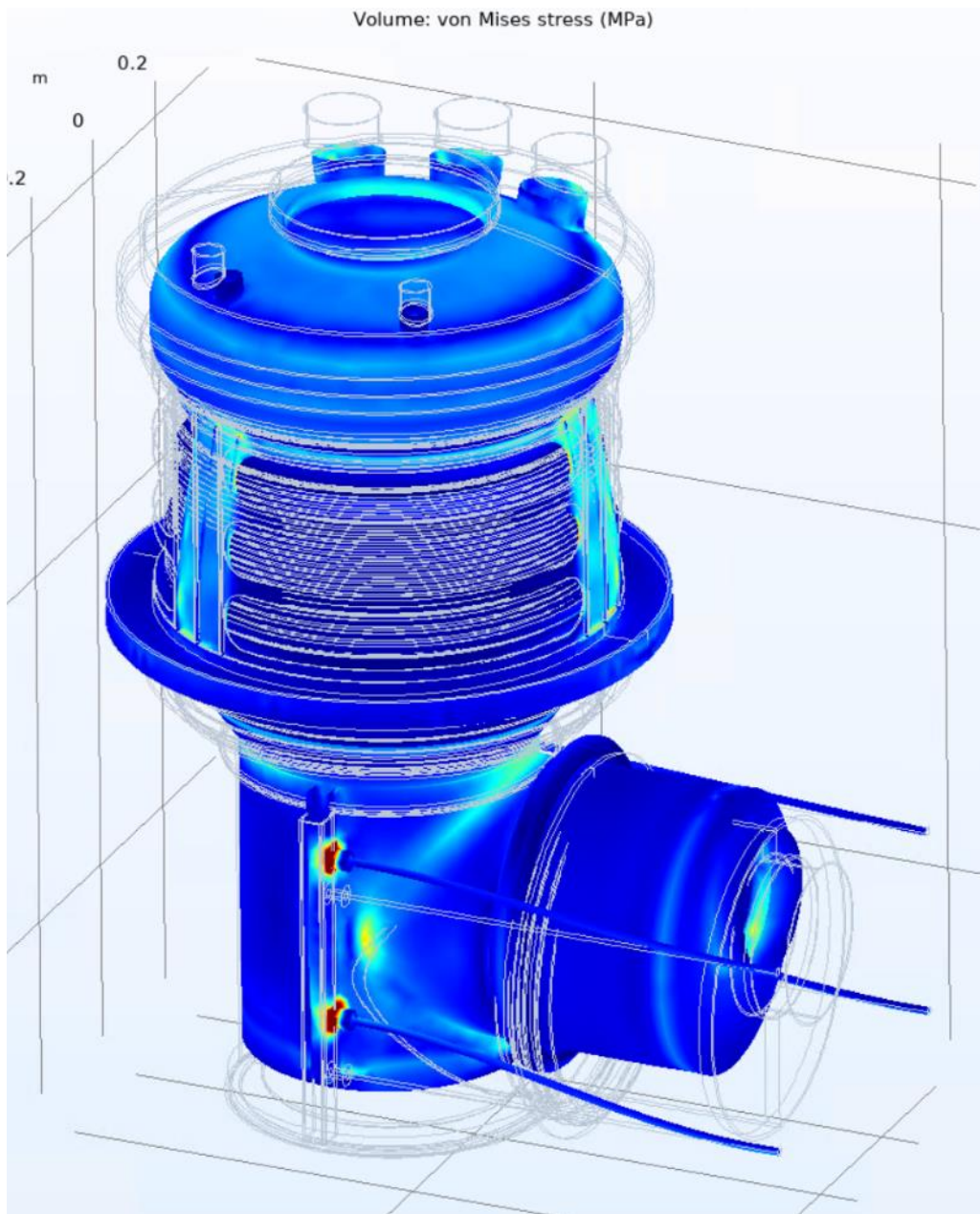
2xbars large ports side

Volume: von Mises stress (MPa)

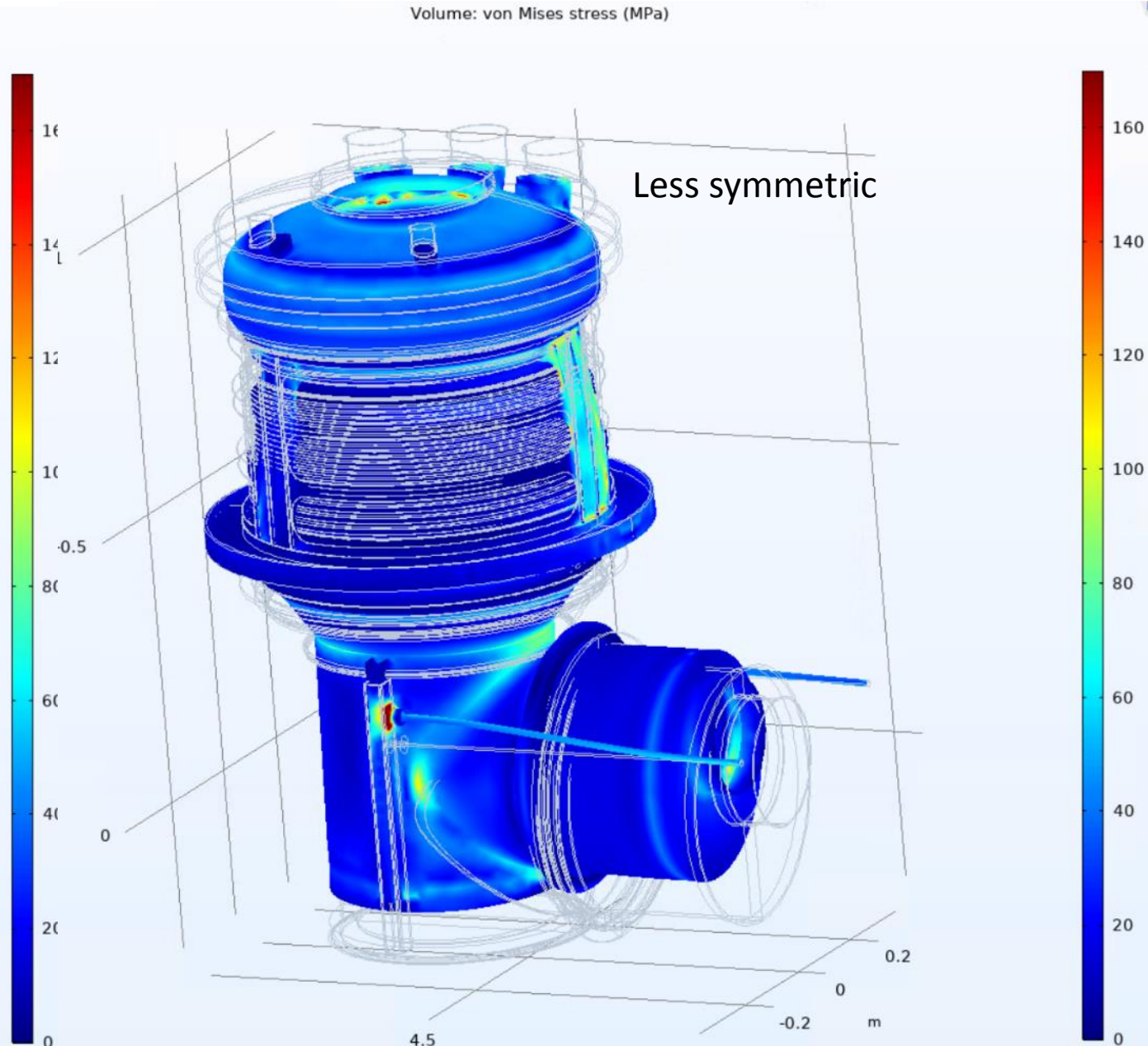


A1: 4.2K and 3.5bara inside He vessel

4xbars small ports side



2xbars mall ports side

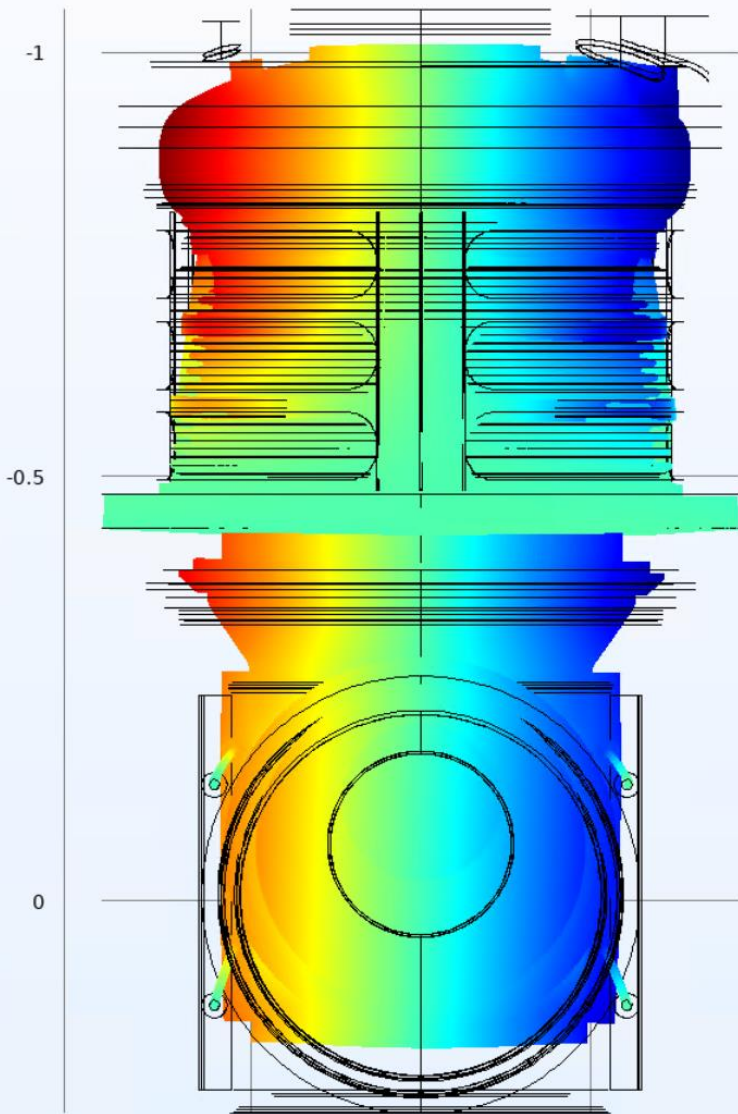


A1: 4.2K and 3.5bara inside He vessel

4xbars x-displacement

Surface: Displacement field, X component (mm)

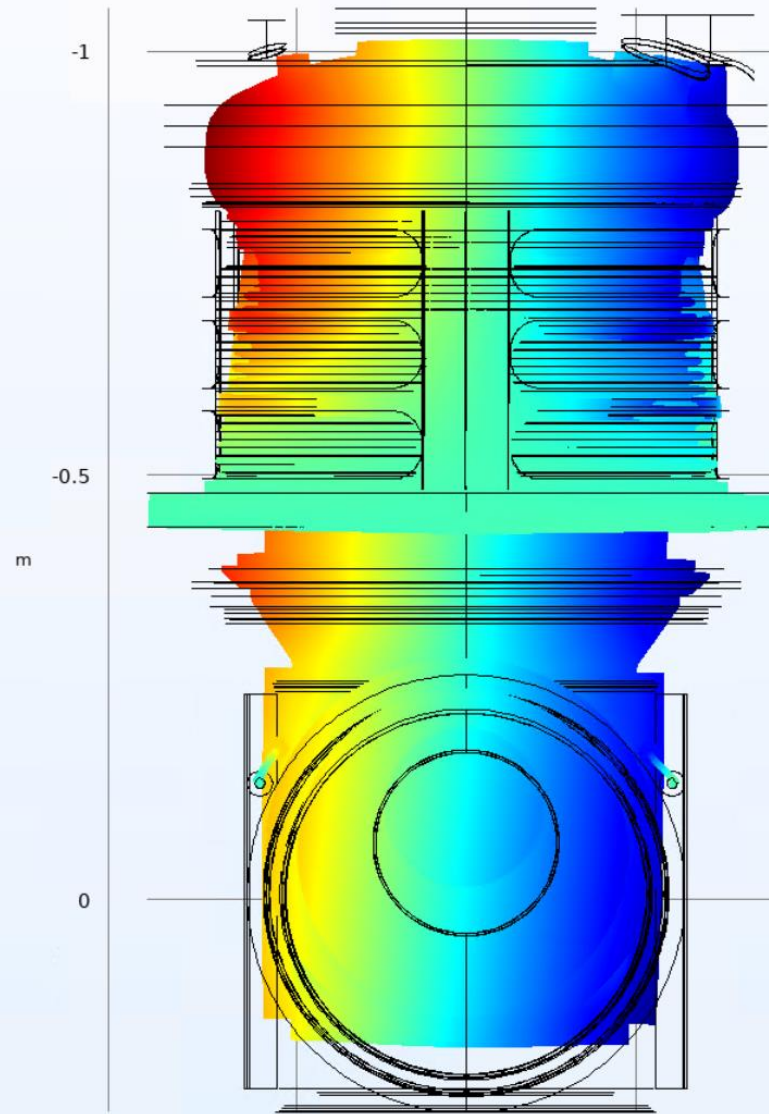
-0.2 0 0.2 4.5 m



2xbars x-displacement

Surface: Displacement field, X component (mm)

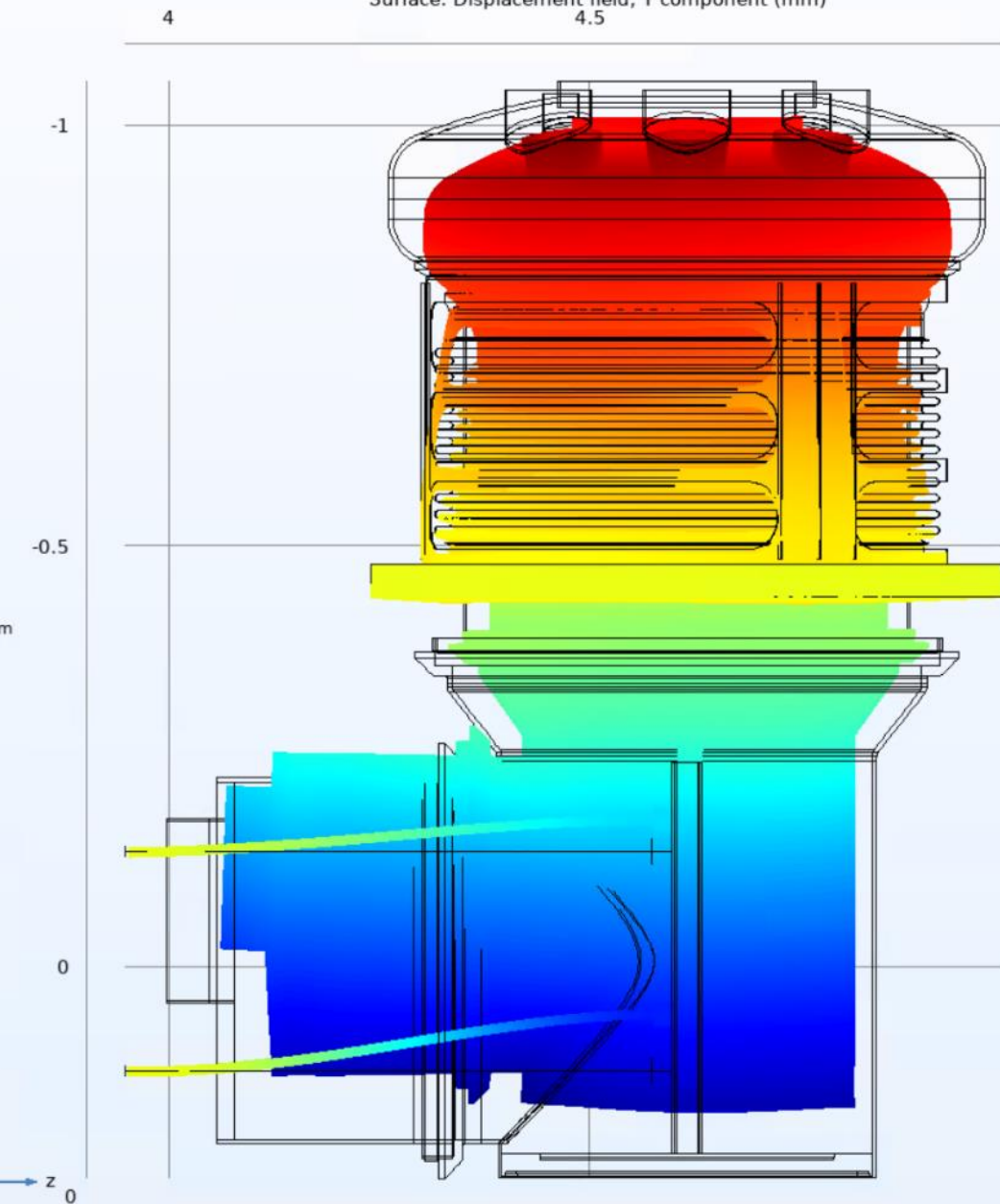
-0.2 0 0.2 4.5 m



A1: 4.2K and 3.5bara inside He vessel

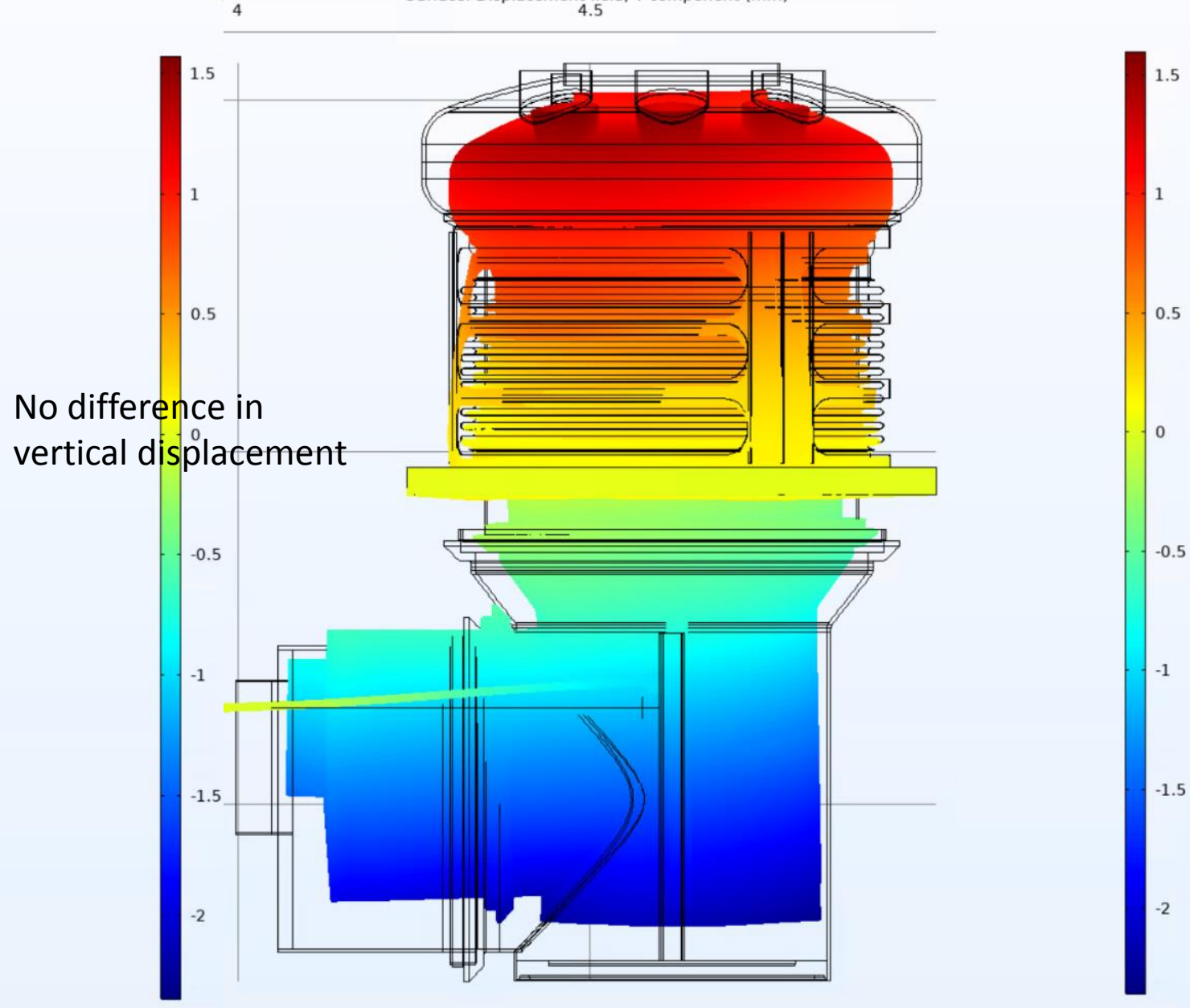
4xbars y-displacement

Surface: Displacement field, Y component (mm)
4.5



2xbars y-displacement

Surface: Displacement field, Y component (mm)
4.5

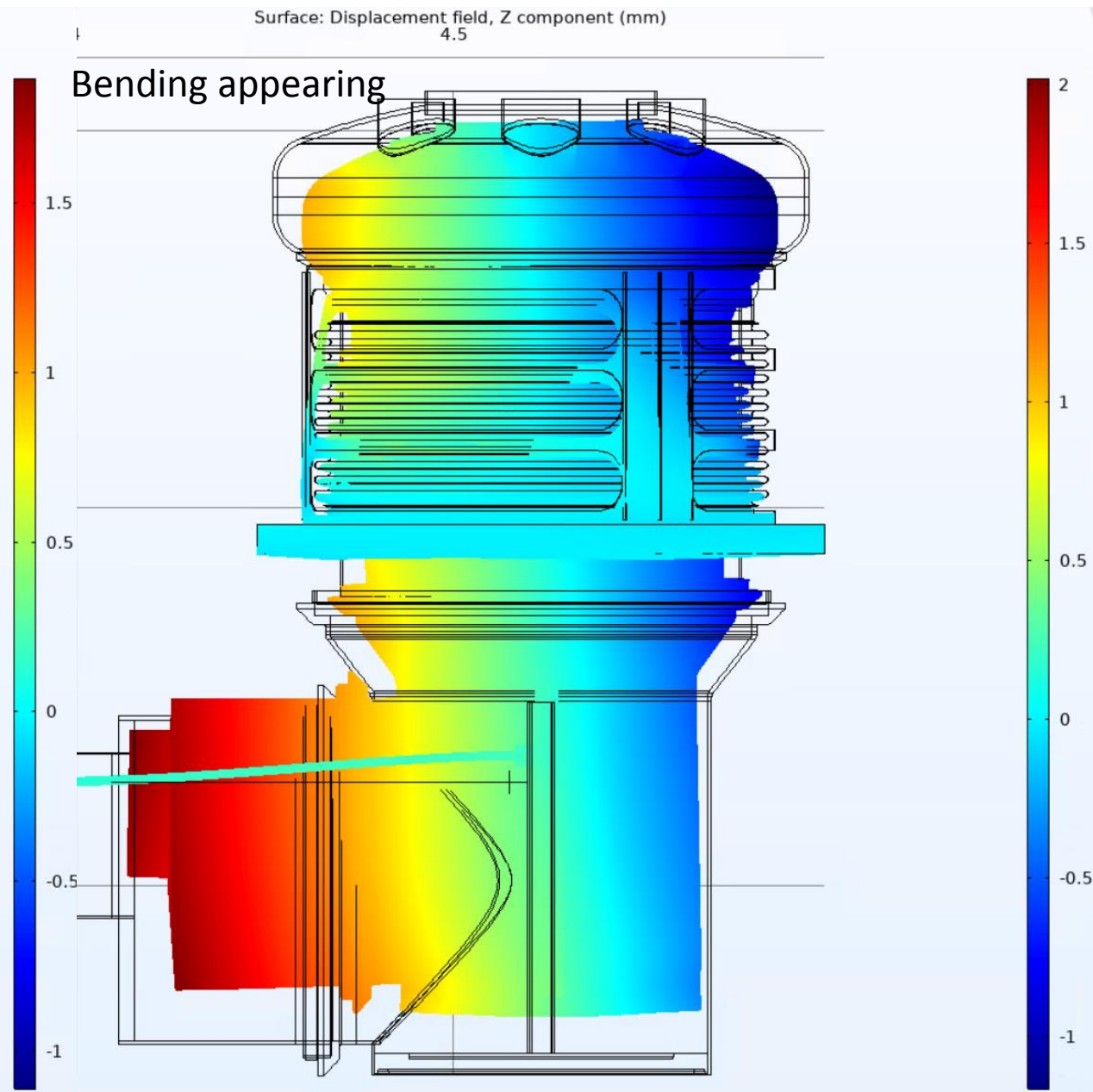
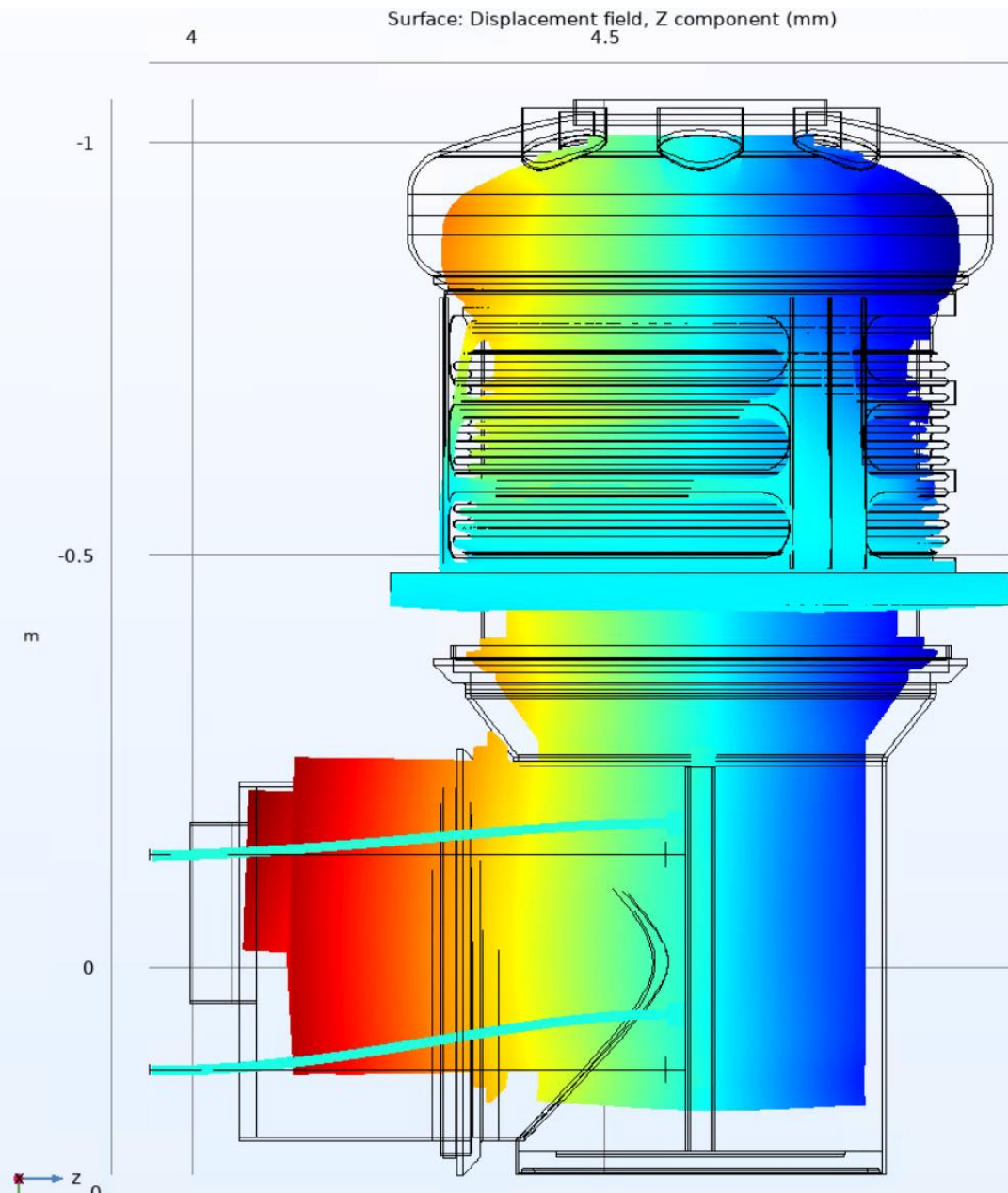


No difference in vertical displacement

A1: 4.2K and 3.5bara inside He vessel

4xbars z-displacement

2xbars z-displacement



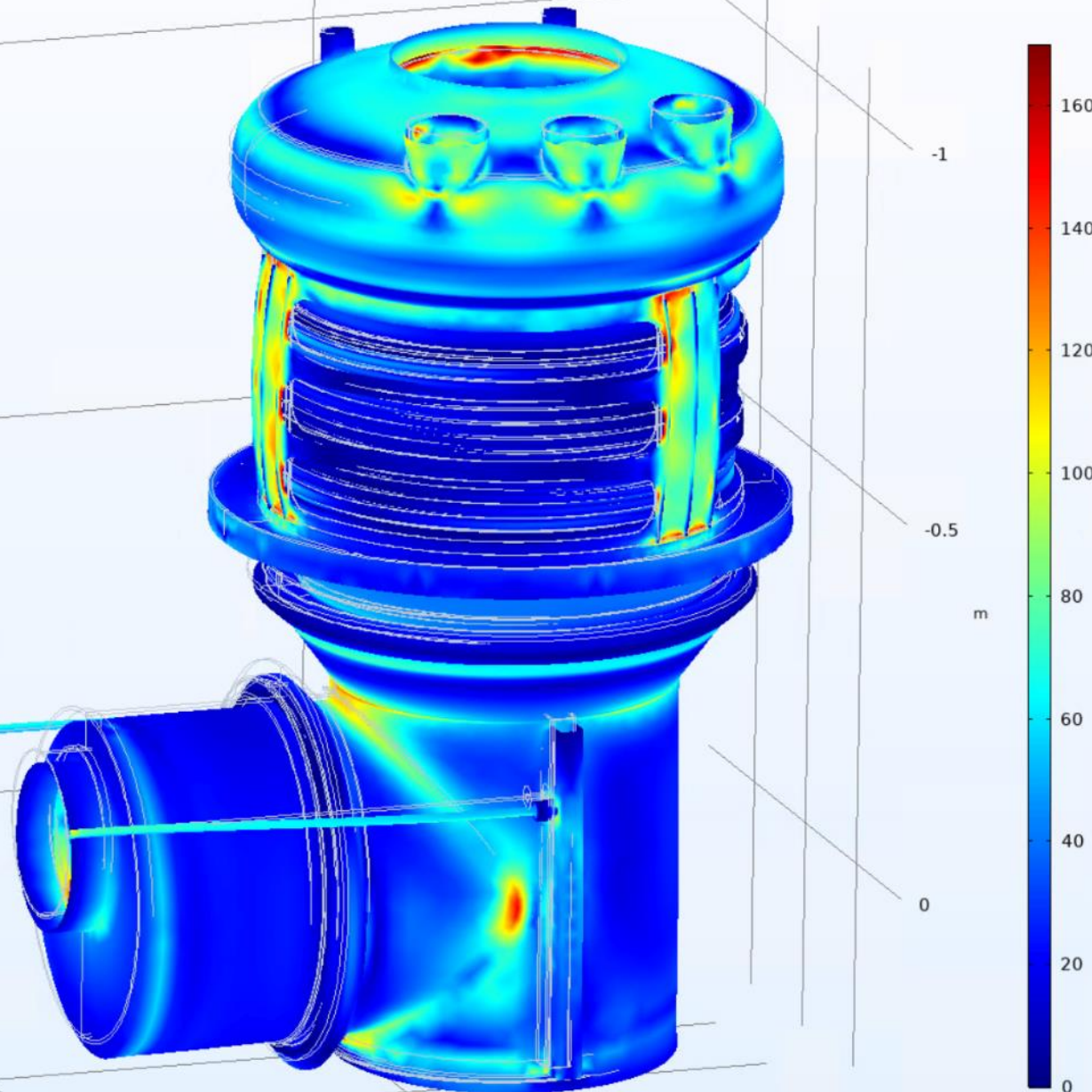
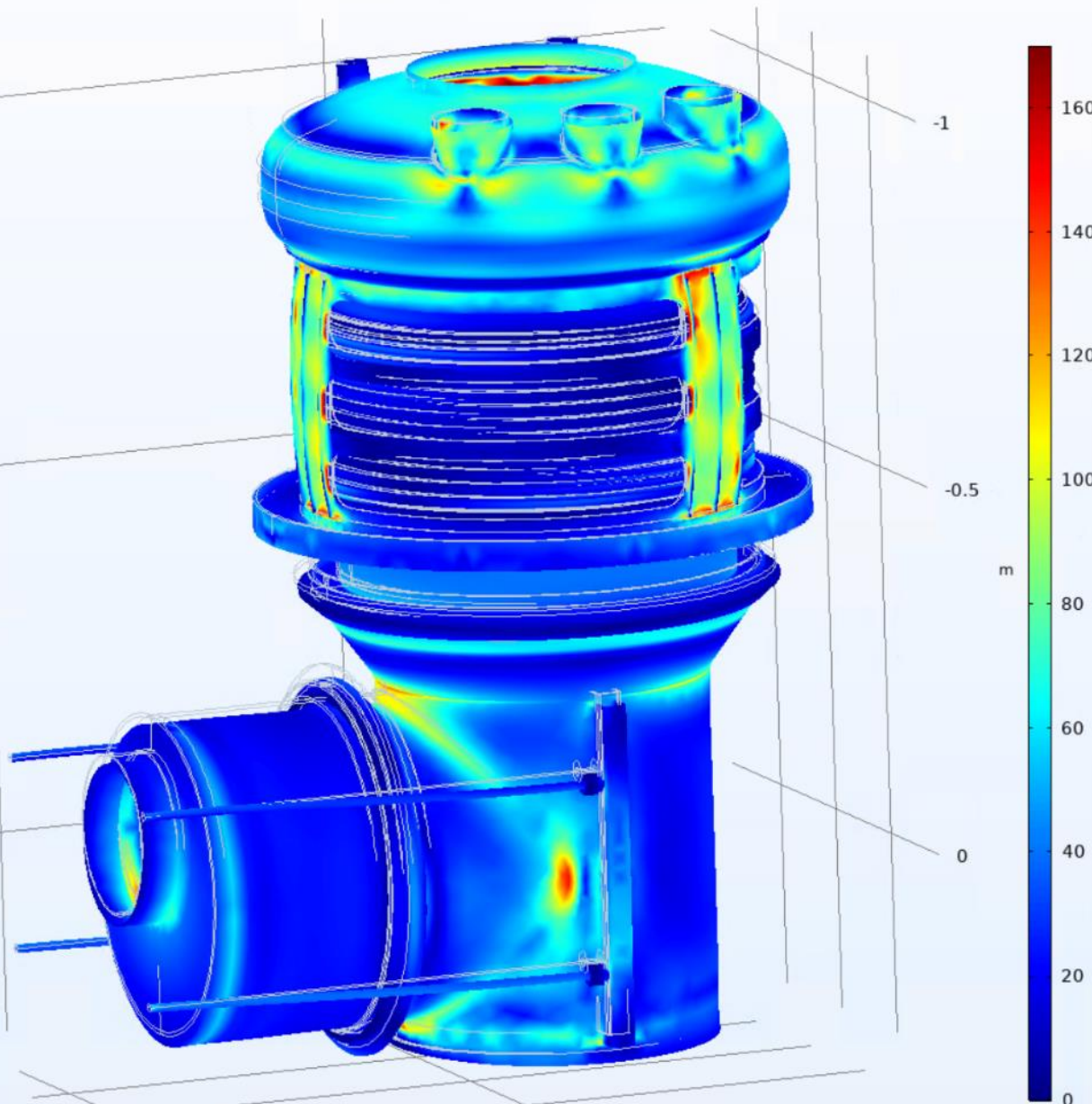
B10: 300K and proof pressure 4.9bara inside He vessel

4xbars large ports side

2xbars large ports side

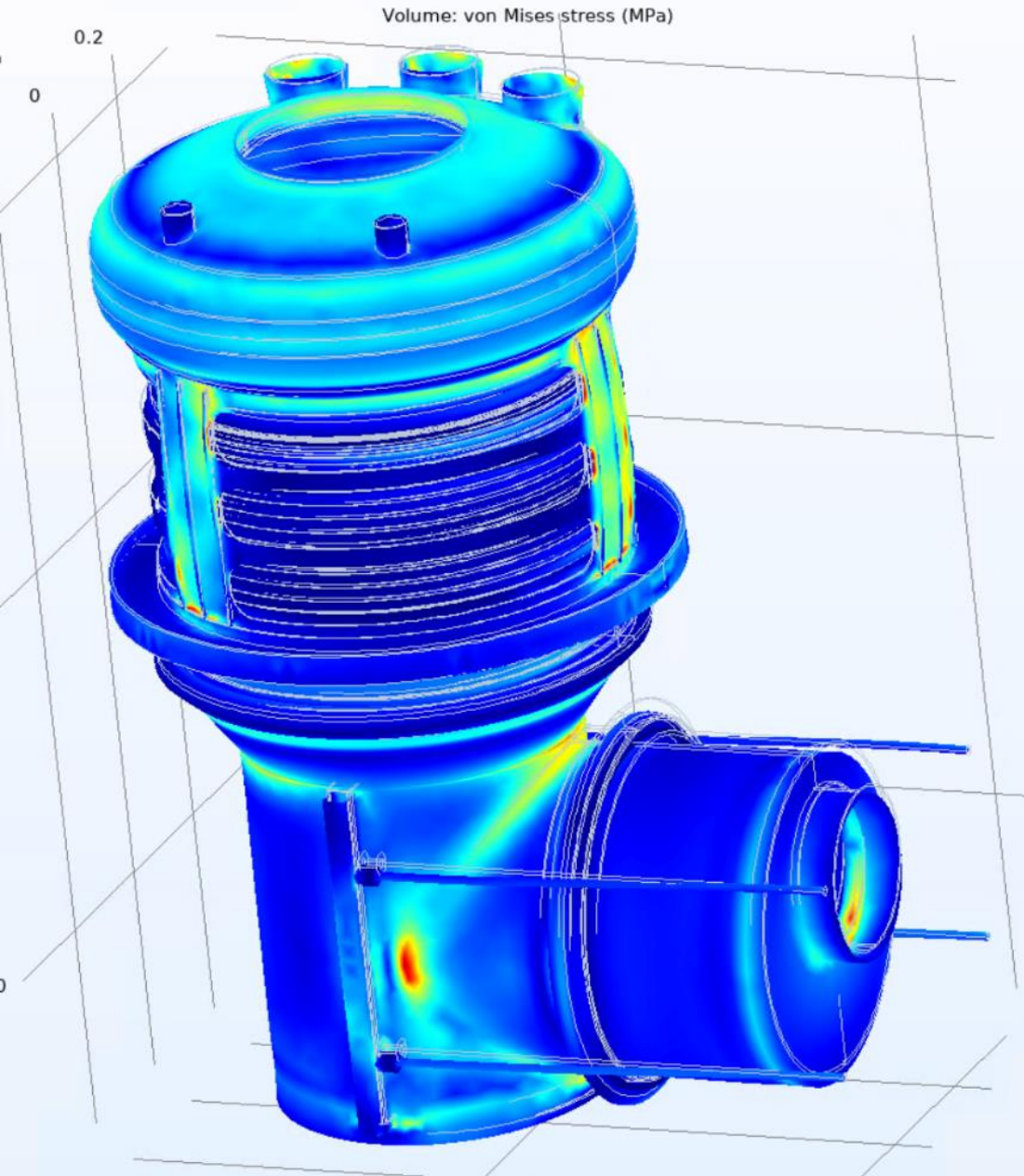
Volume: von Mises stress (MPa)

Volume: von Mises stress (MPa)

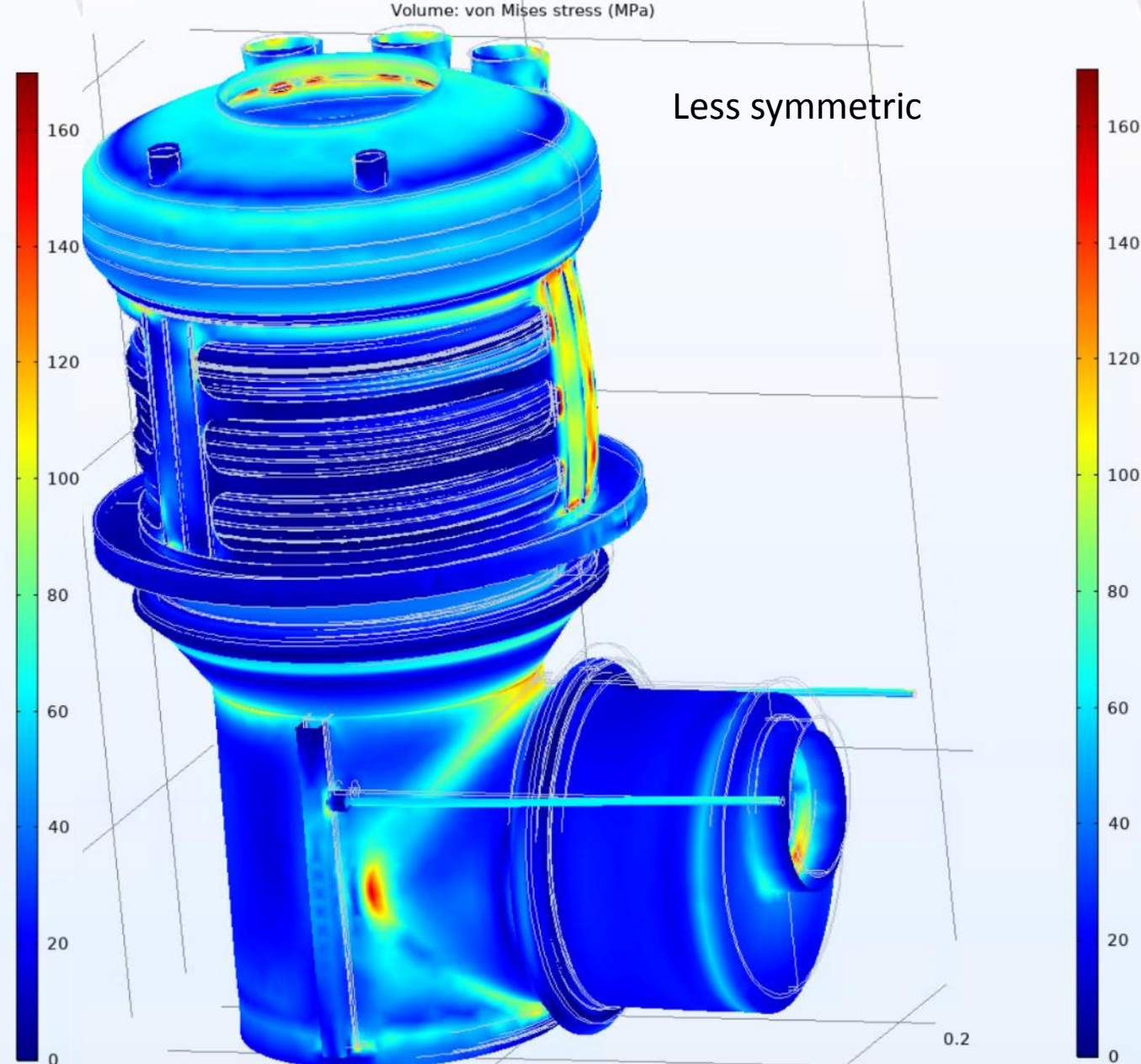


B10: 300K and proof pressure 4.9bara inside He vessel

4xbars small ports side

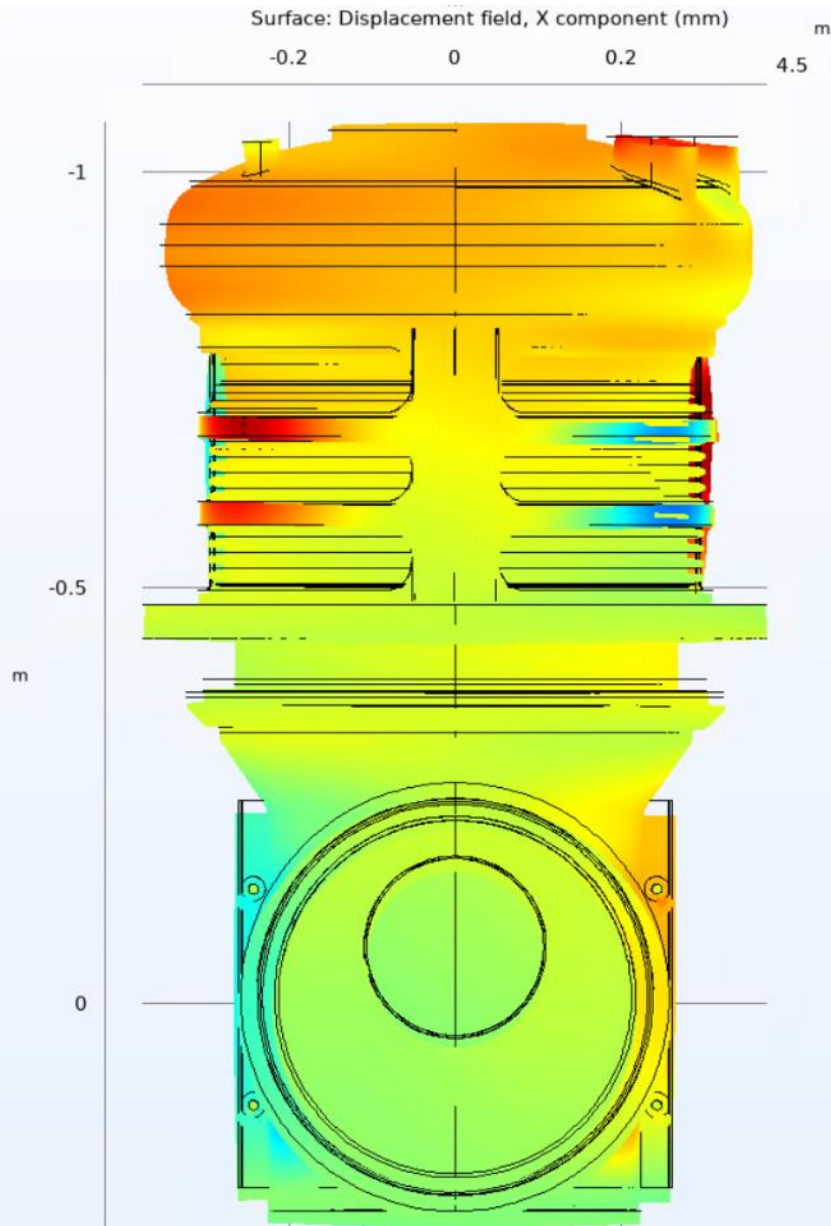


2xbars small ports side

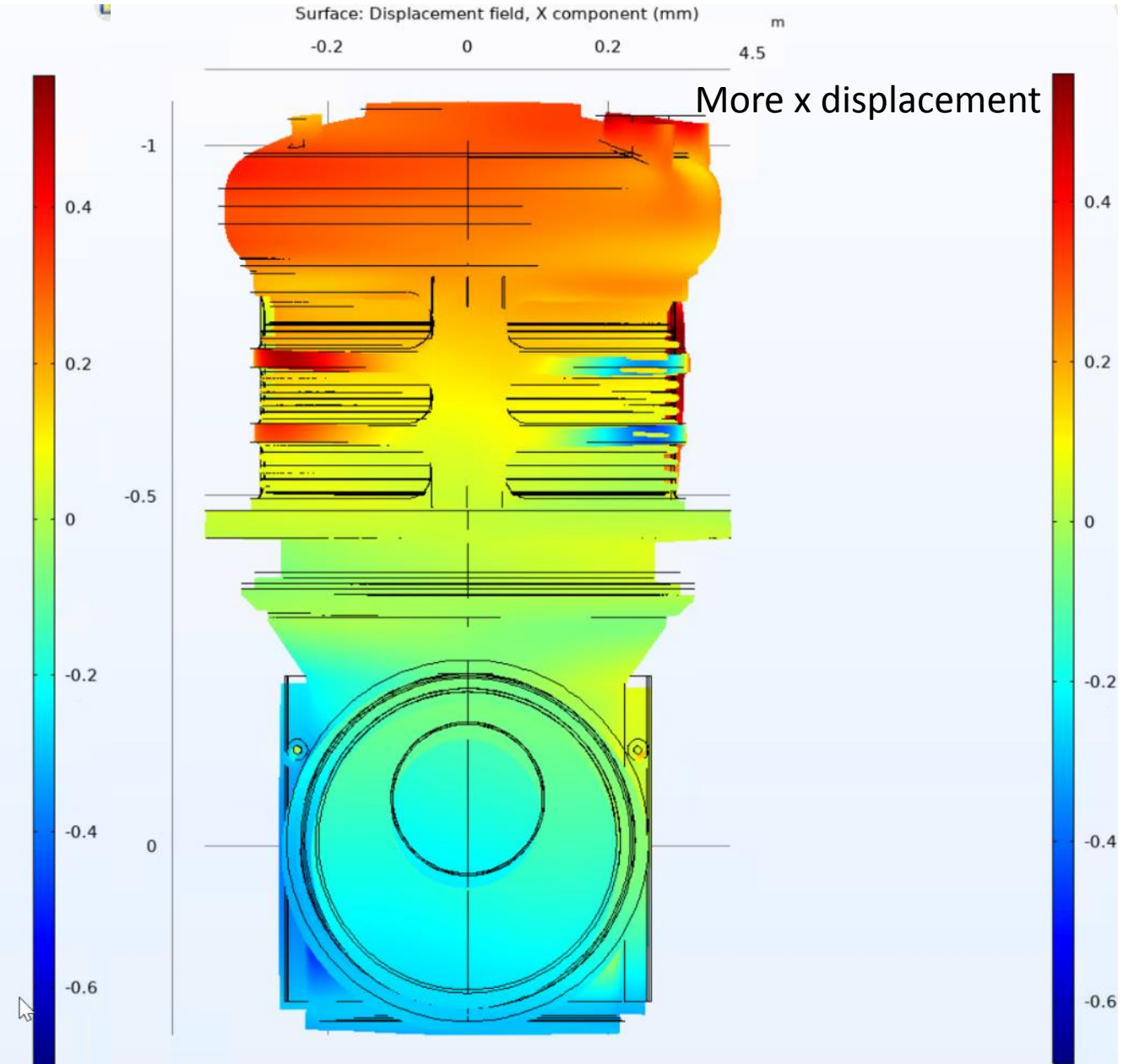


B10: 300K and proof pressure 4.9bara inside He vessel

4xbars x-displacement

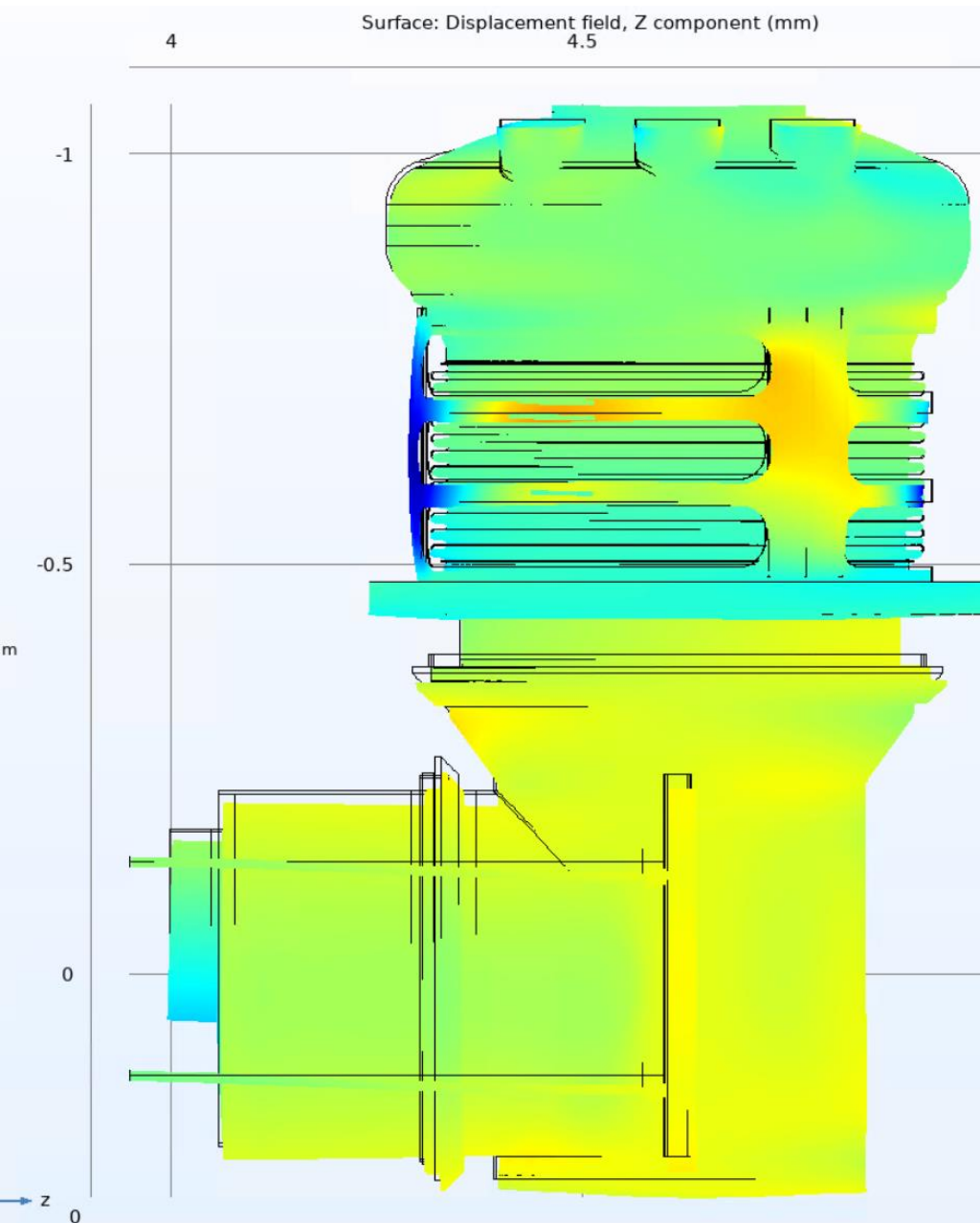


2xbars x-displacement



B10: 300K and proof pressure 4.9bara inside He vessel

4xbars z-displacement



2xbars z-displacement

