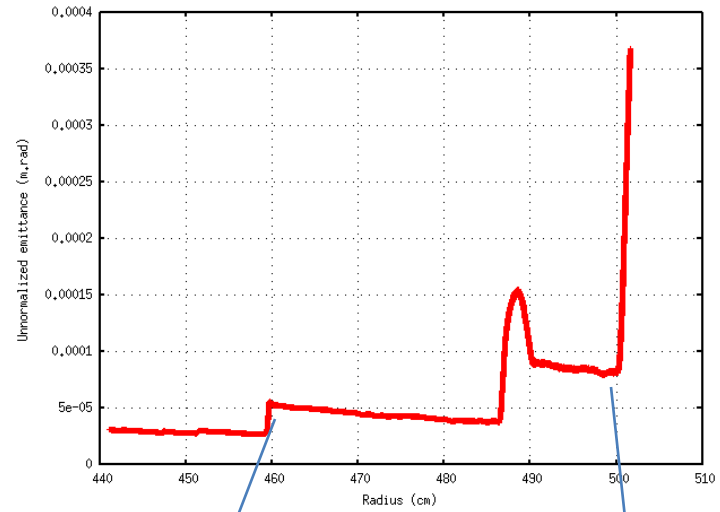
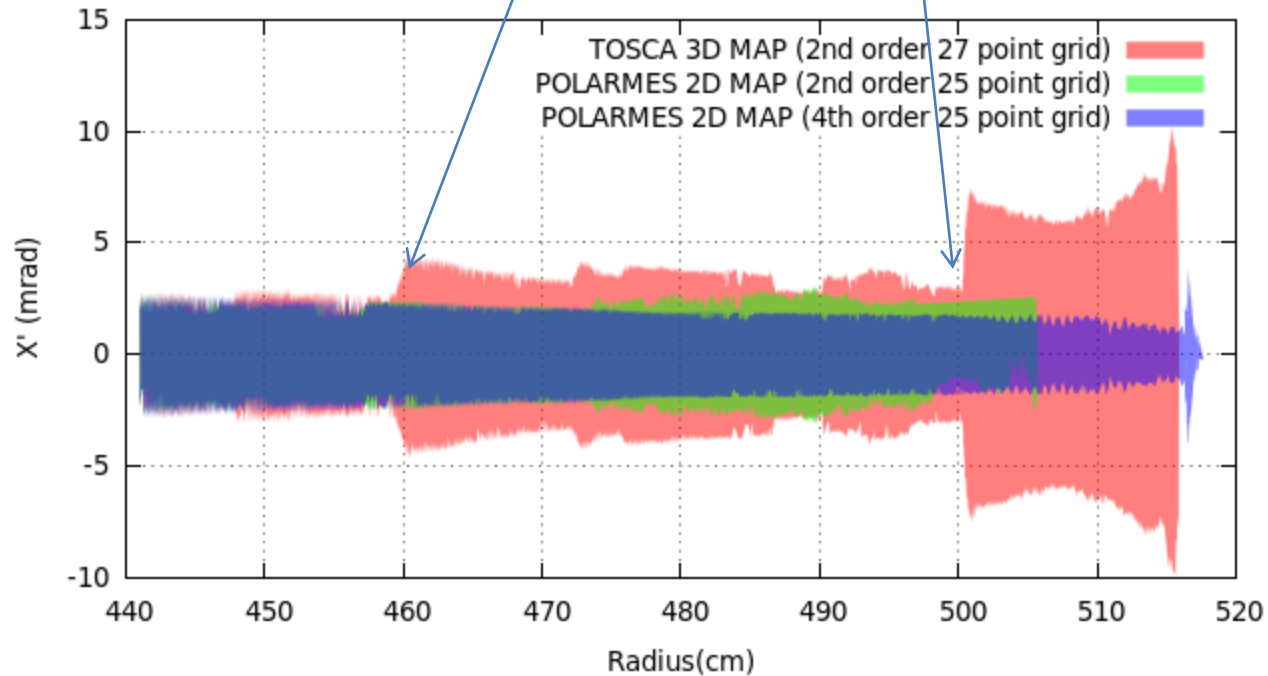


The horizontal emittance increase at certain locations is observed from single particle tracking using the 3D TOSCA field map.



Pattern-filled curves



Single particle acceleration with 3D and 2D field maps and using different interpolation methods.

The problem seems to disappear with the 2D field map