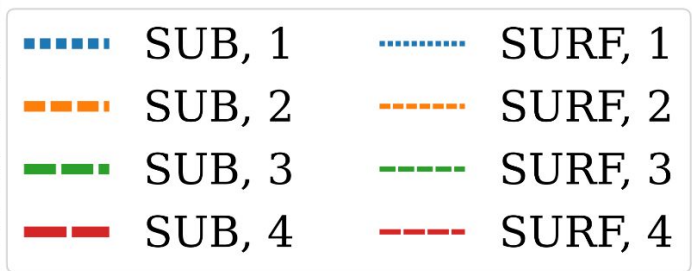


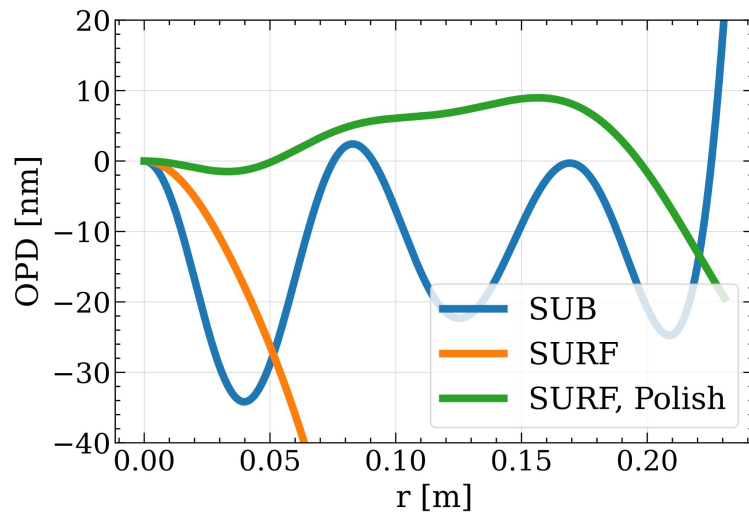
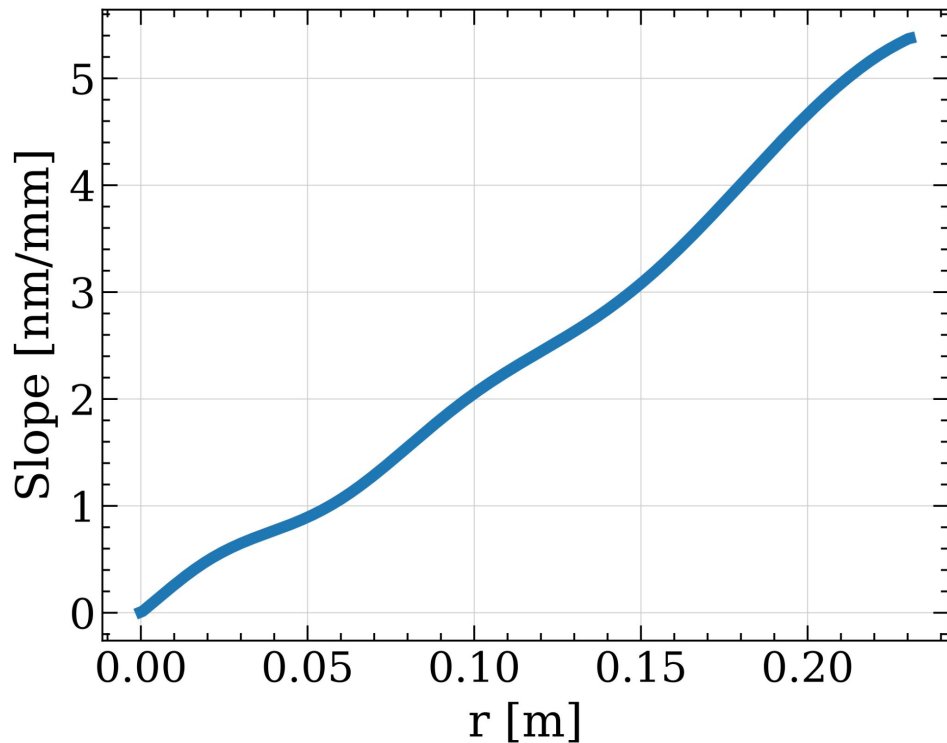
Residual surface deformation
could be problematic → static
mirror surface polish



multi-ring FROSTI with
1/2/3/4 components:

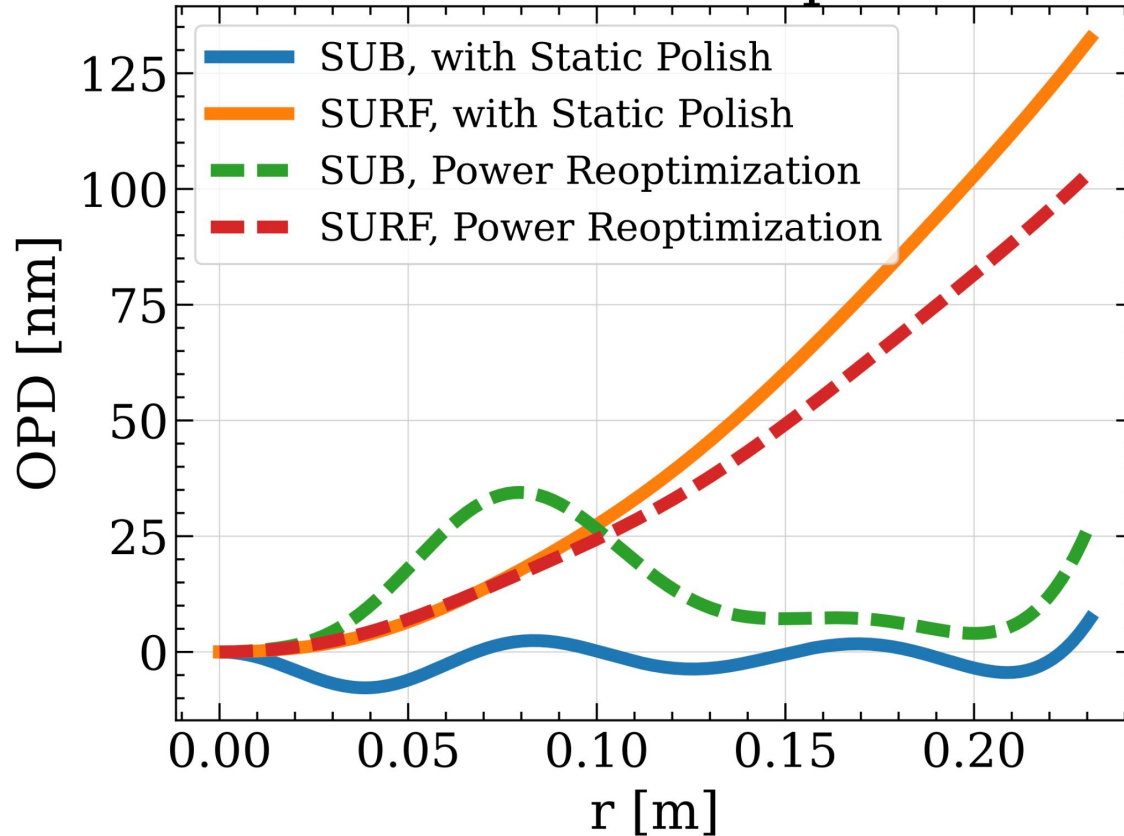
	Sub. (nm)	Surf. (nm)
1 comp.	49.2	18.0
2 comp.	10.3	13.6
3 comp.	5.6	12.2
4 comp.	5.3	12.1

Slope of the residual surface deformation



The slope appears mostly linear.
Can be compensated with a
near-spherical polish, with
curvature of 11 $\mu\text{D}/\text{W}$.

0.5 W of absorption



1. At full power, the static
2. The static polish can be problematic at intermediate powers.
3. Even after re-optimizing the powers for each FROSTI components does not seem to fix the surface without making the substrate worse.