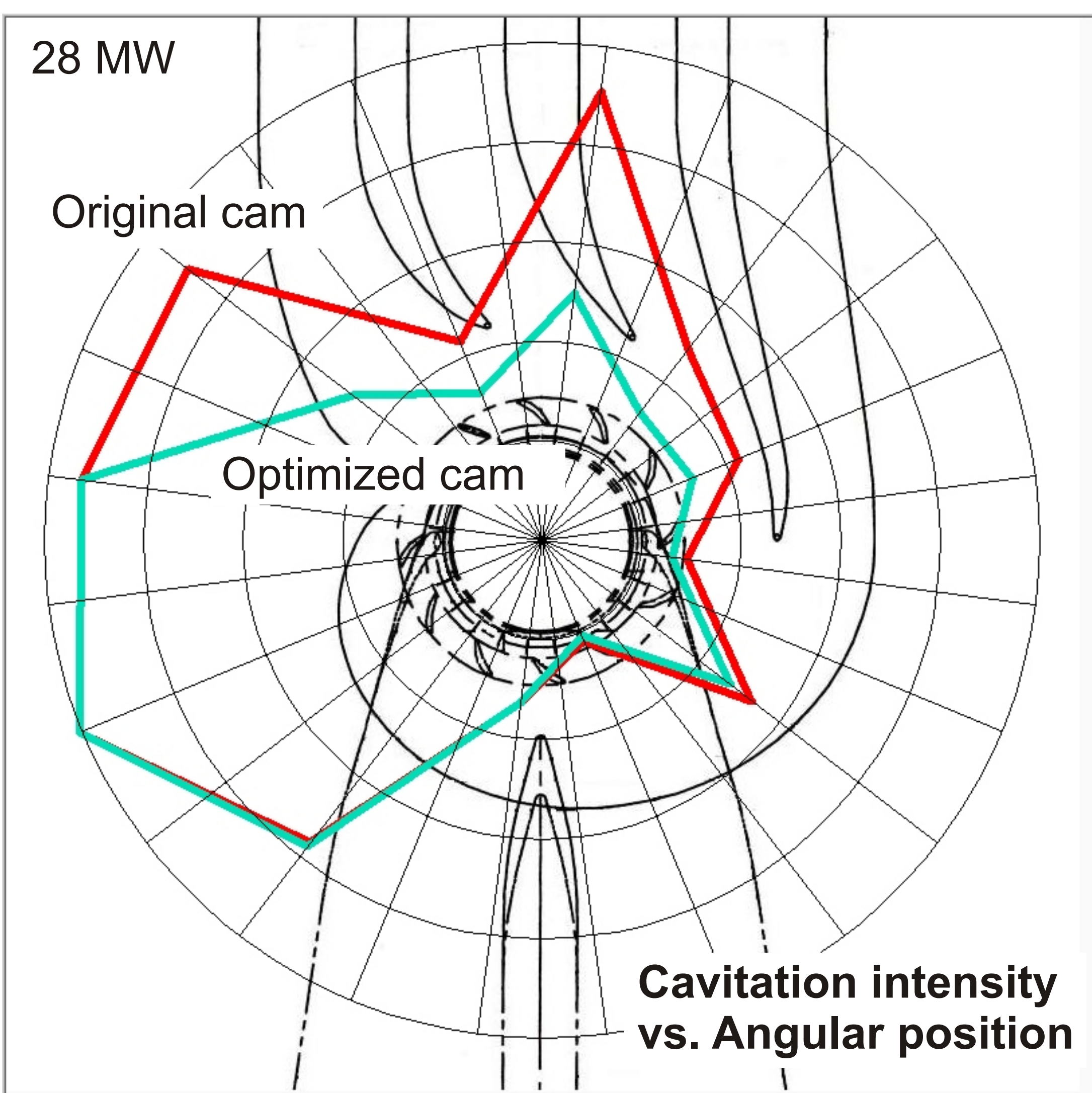
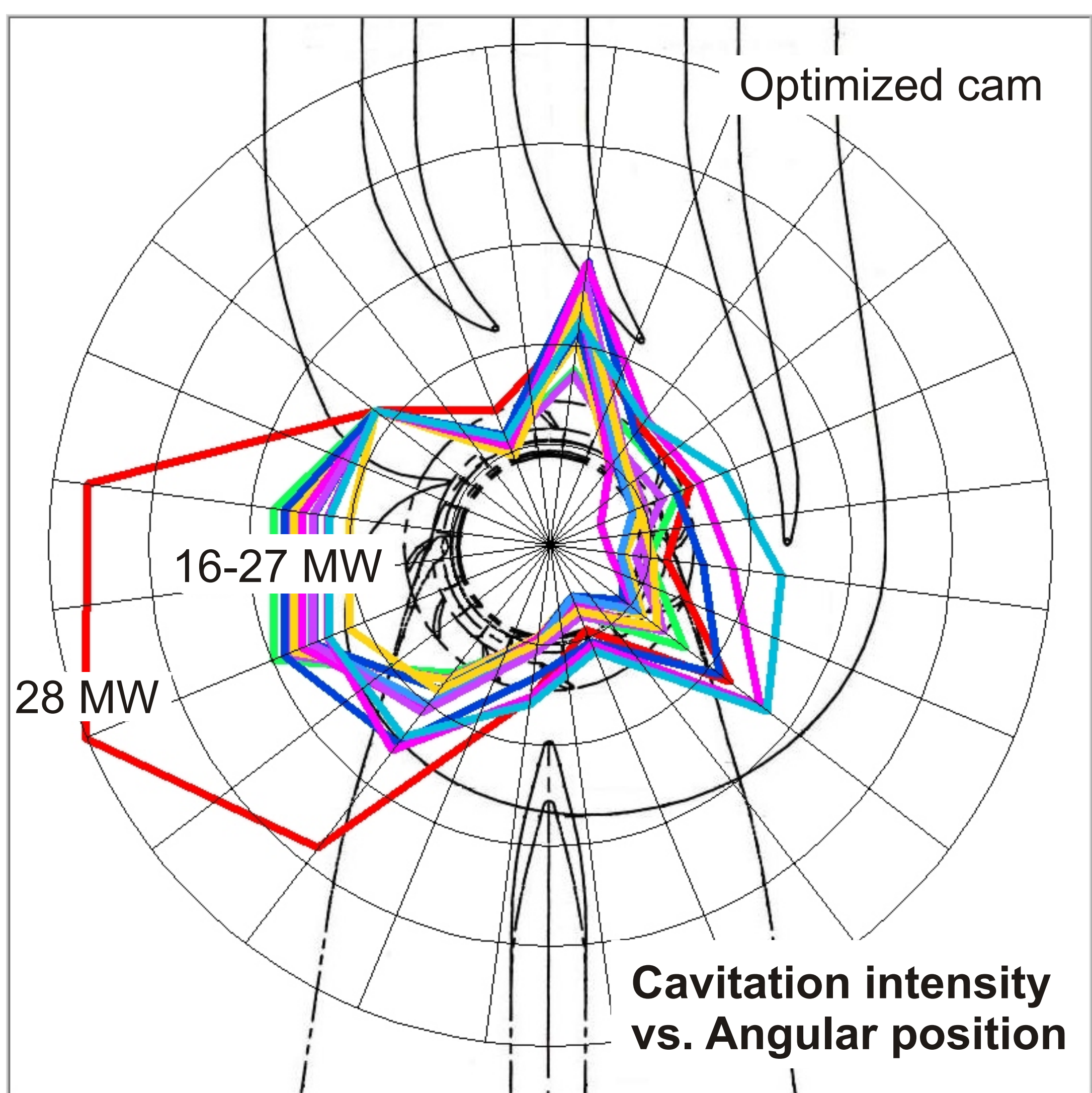
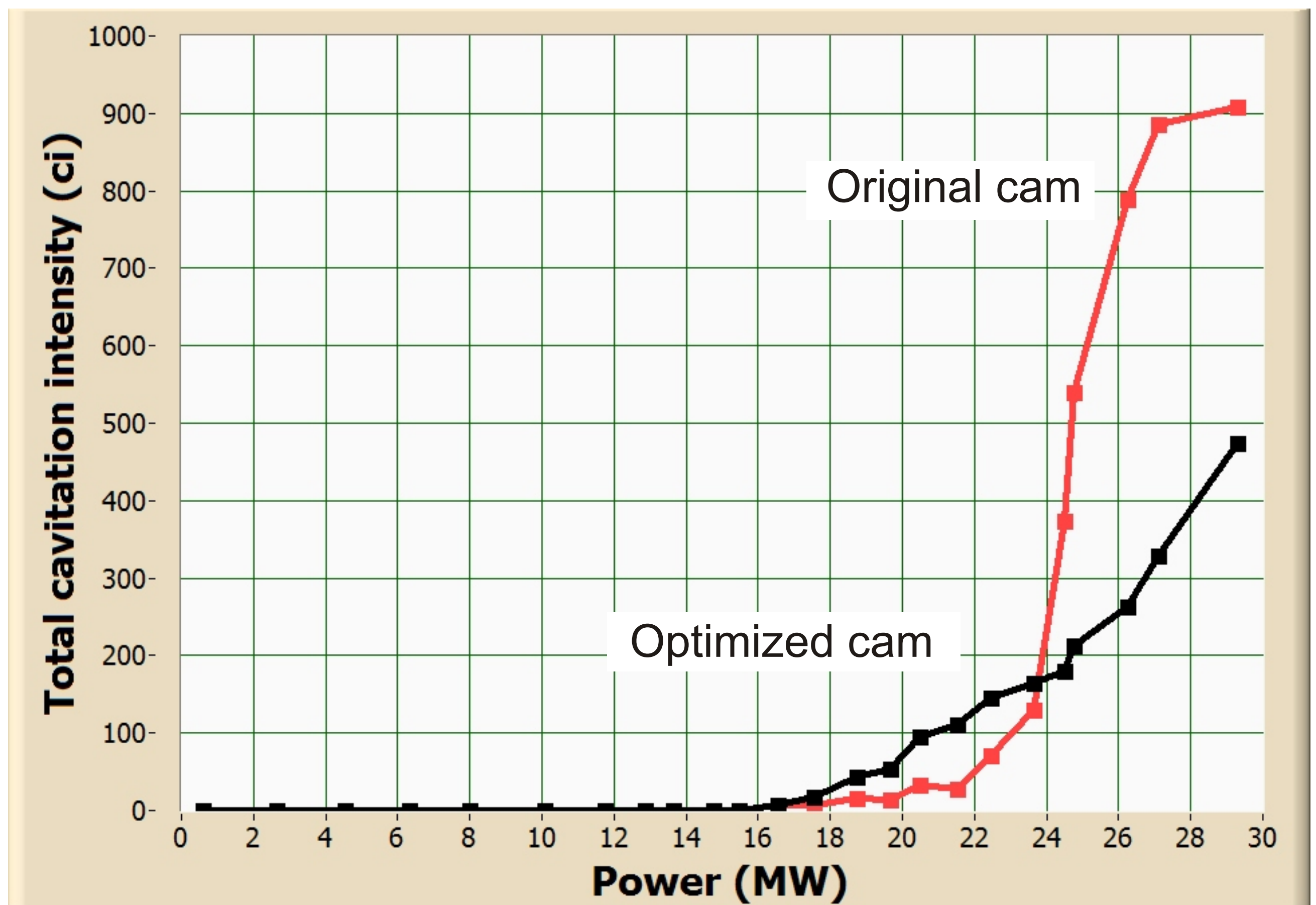


Cam Optimization

While (re)adjusting the cam of a Kaplan turbine for efficiency, it is recommended also to check cavitation. In the case shown below, substantial differences in cavitation intensity were found between the original cam, defined in model tests, and the cam optimized on the prototype. In the multidimensional test, the strong influence of the position behind the spiral was also revealed.



Electricité de France, France
Kembs HPP, 2 Kaplan + 4 Propeller