

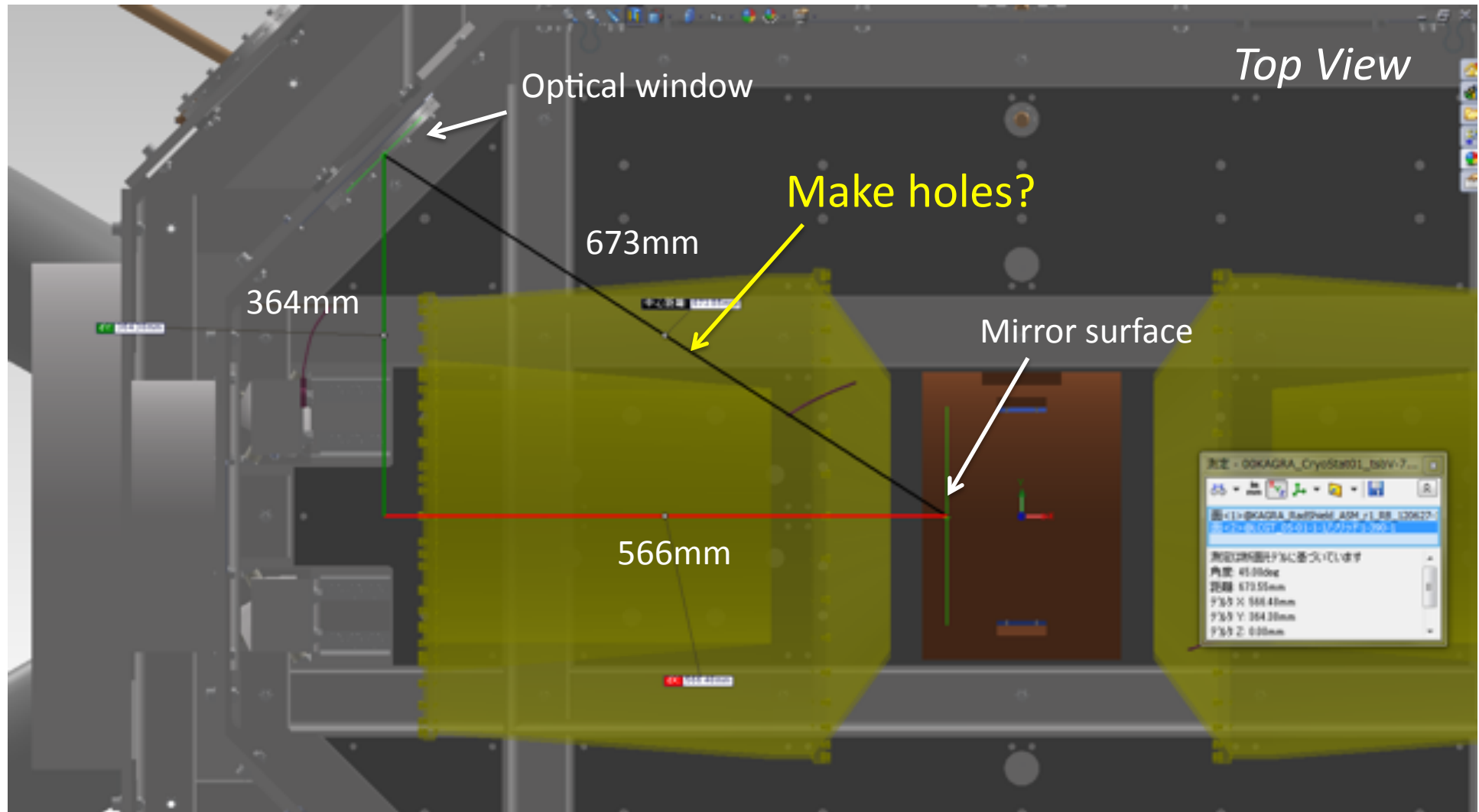
Cryo-Installation

-Wide Angle Baffles-

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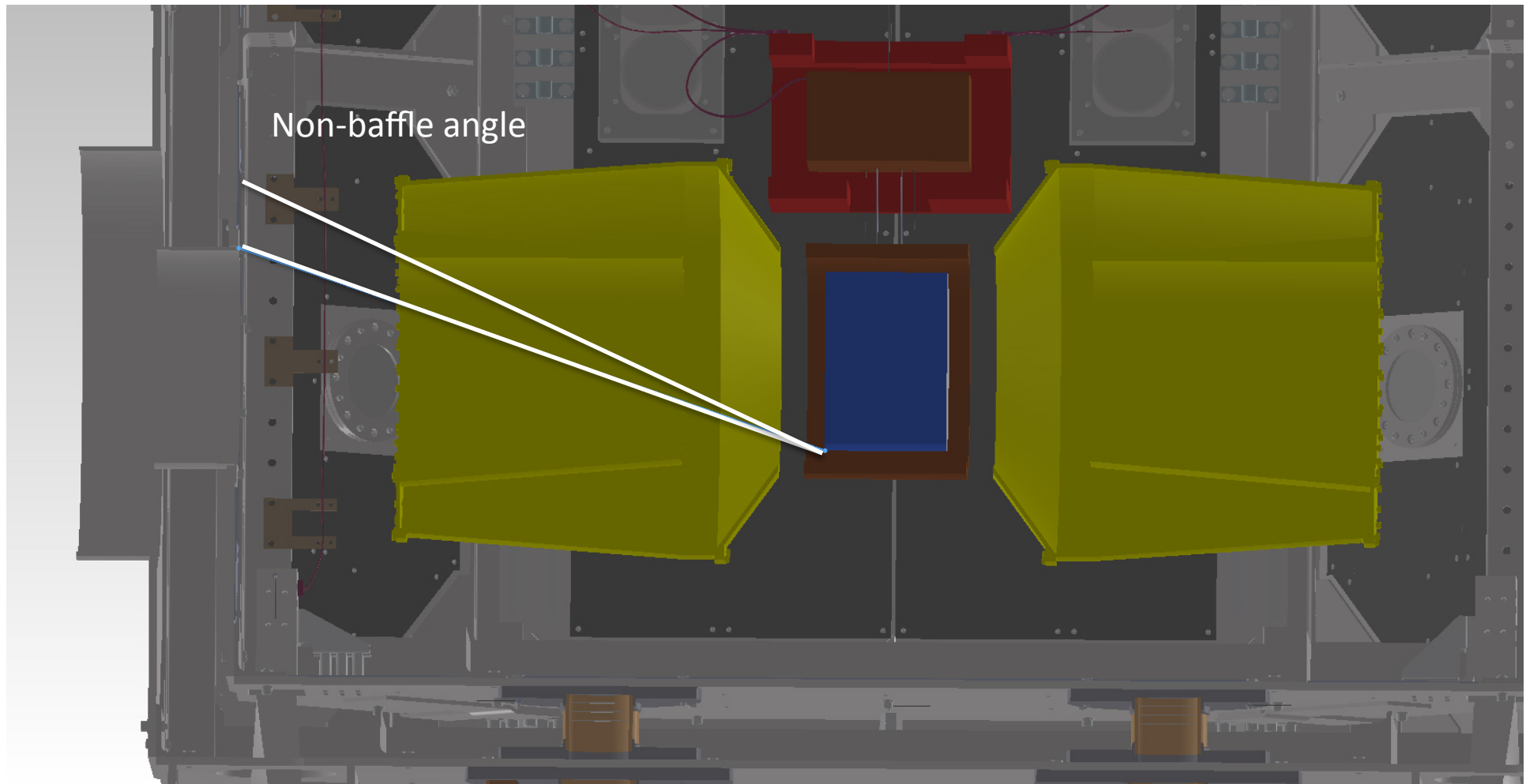
Window for optical lever



We can shoot mirror surface from optical window on the cryostat if we make holes in wide-angle baffle. Of course, the alignment of the mirror and the baffle is not easy. What will you do? -> Akutsu-san?

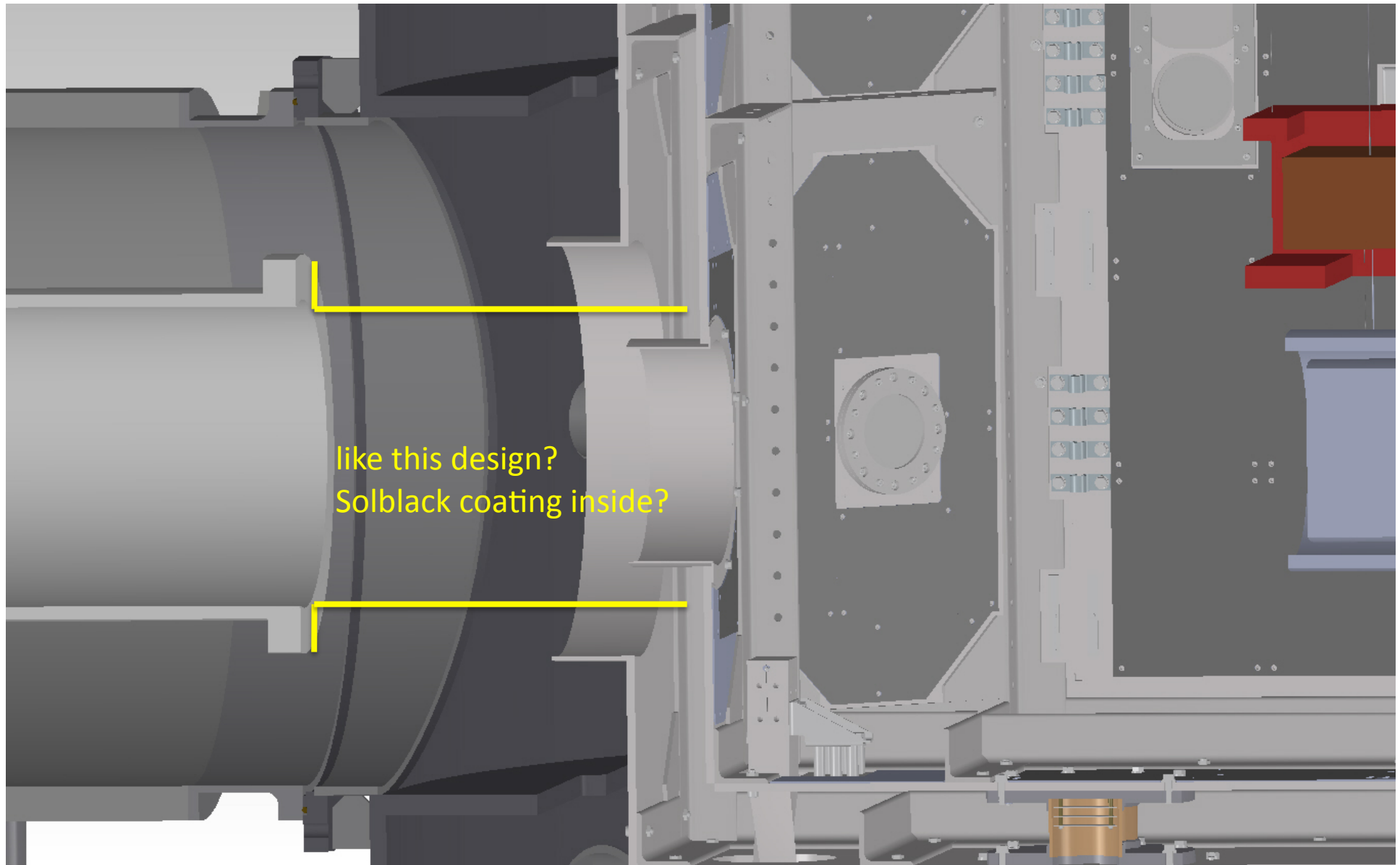
Baffle length

Wide-angle baffle can not stop scattered light in present design.
We have three solutions;



1. Use longer wide-angle baffle
2. Put black absorber such like solblack at the view location by scattered light on cryostat inner surface
3. Use longer shield pipe at the 4K aperture with black coating

Shield between the duct shield and main cryostat



What kind of design will we need both from thermal radiation and scattered light shielding?