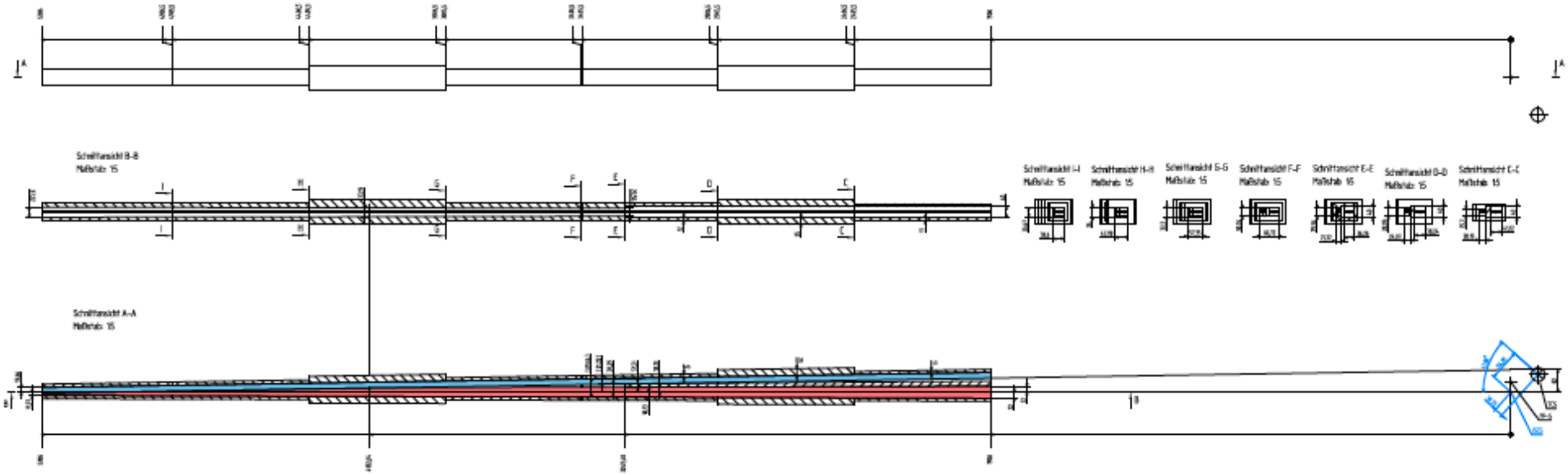
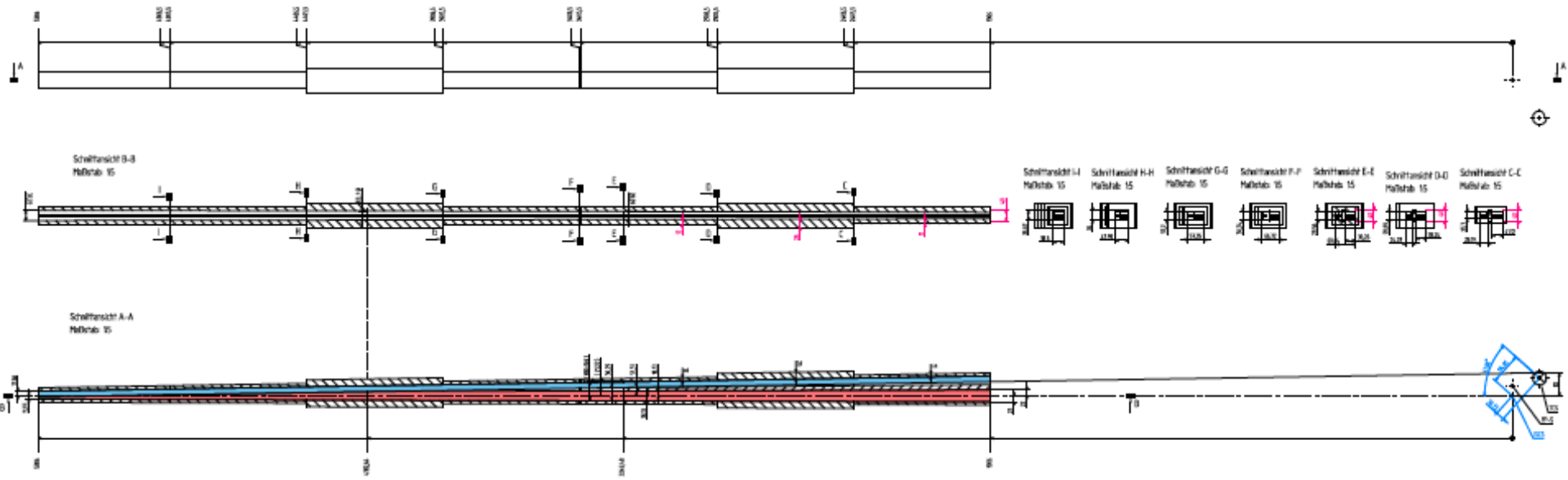
DREAM

- Internal schedule at FZJ: DREAM, T-REX and SKADI
- Shielding calculations using PHITS. Applied for supercomputer computing time
- Early procurements of detectors
- Detailed design of the cave
- NBOA procurement : McStas simulations of 2 options
- POWTEX detector test (November 2017)

Option 1: vertical is straight for thermal

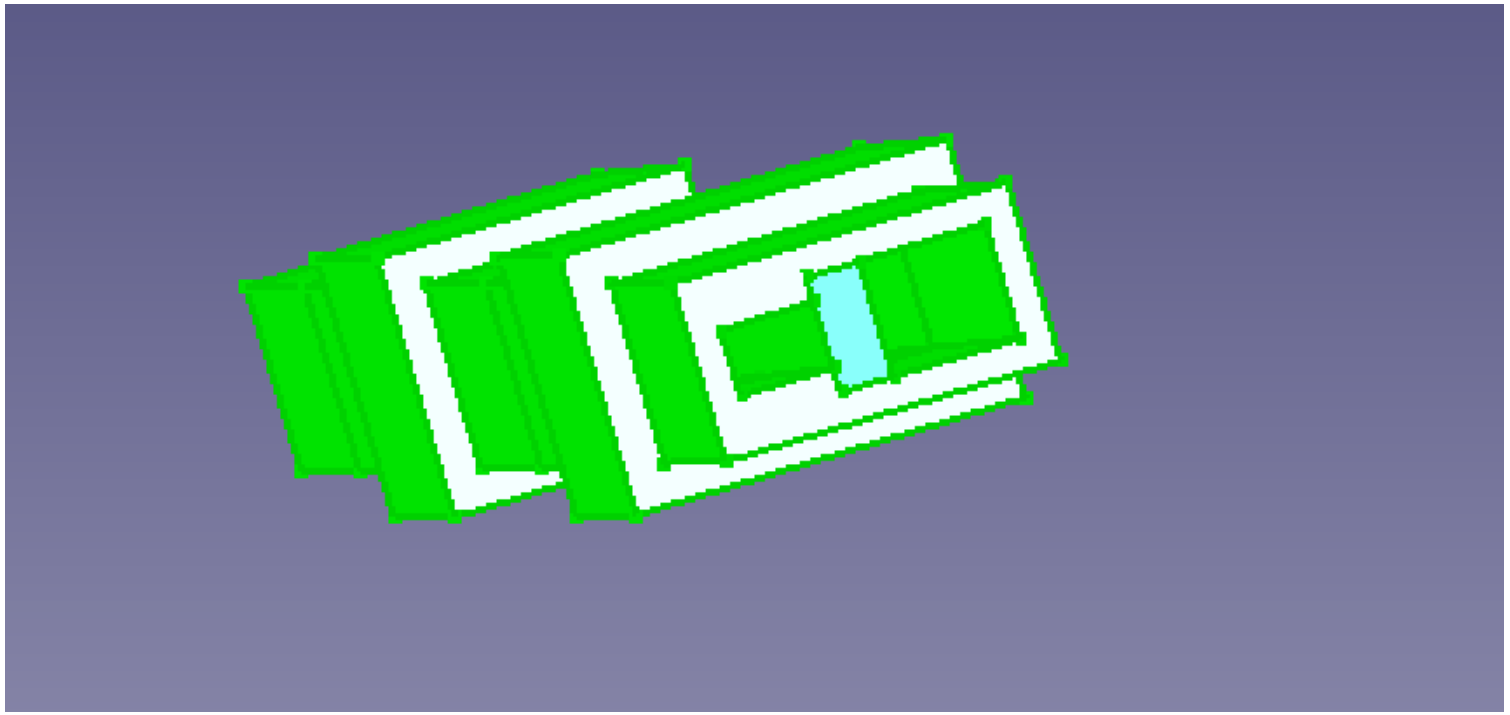


Option 2: vertical ellipse for cold and thermal

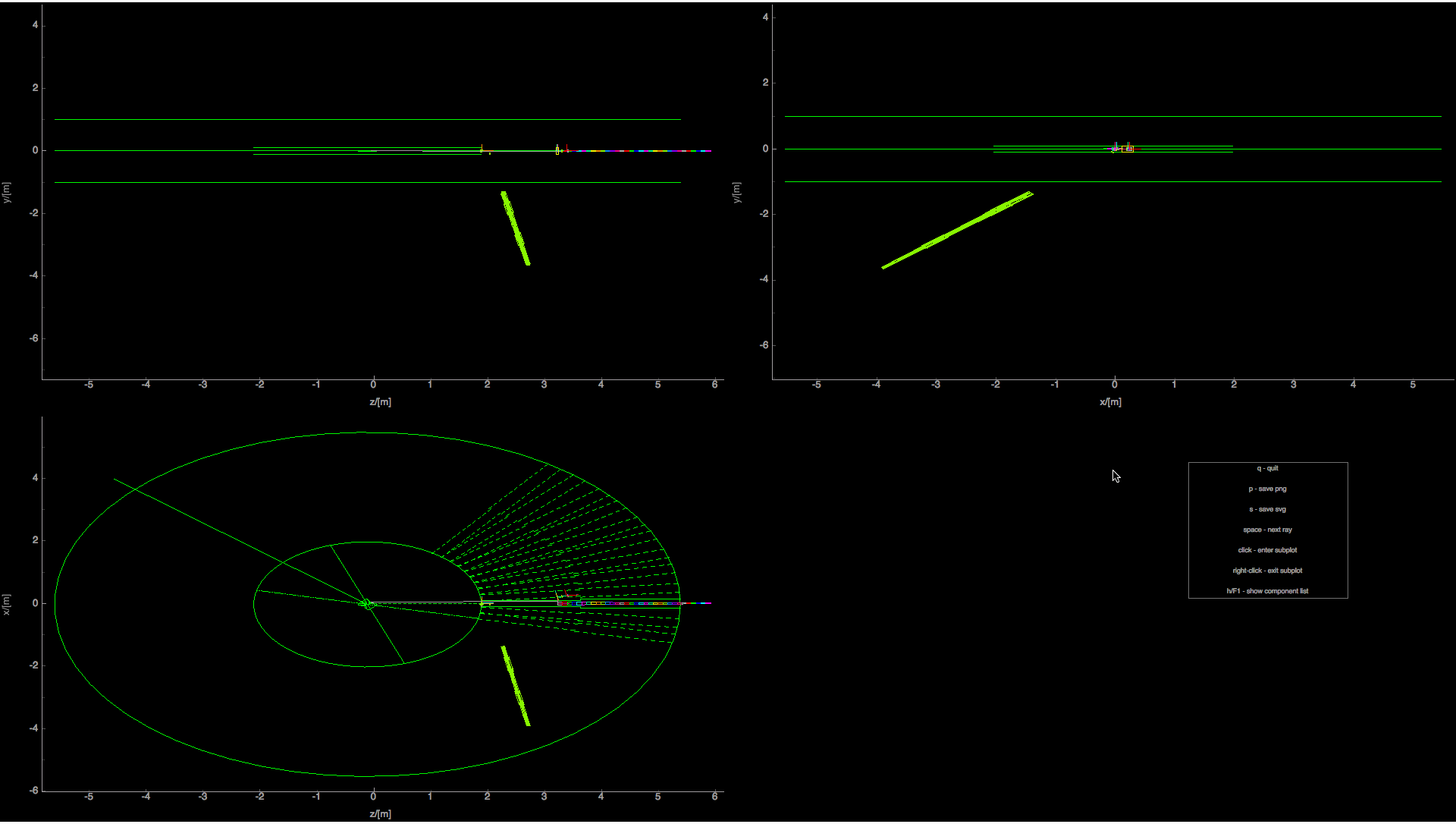


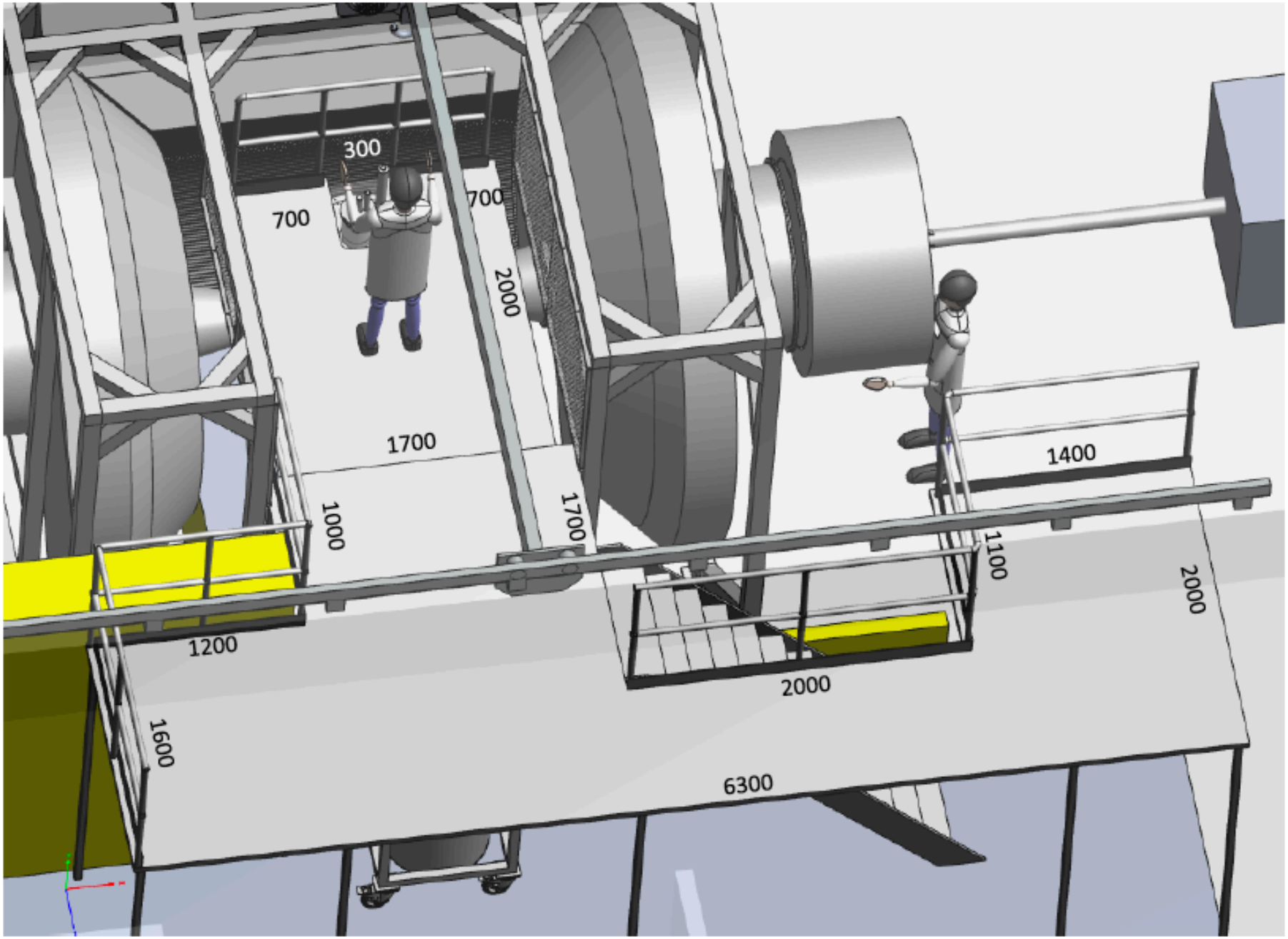
Option 2: Vertical ellipse for cold and thermal channel

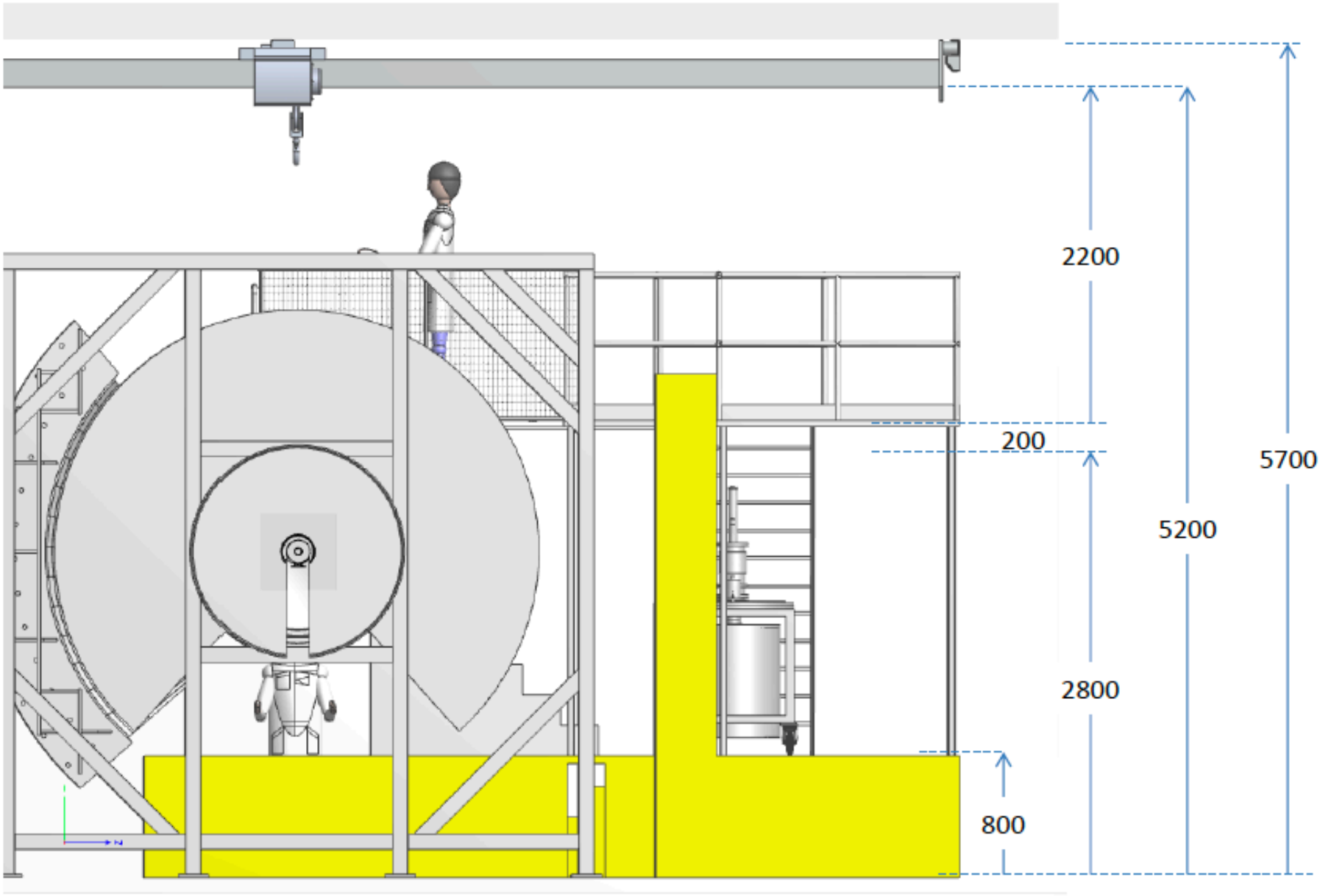
CAD model of the in-pile insert



First implementation of .stp file in McStas: units are wrong, CS is wrong, to many details




300
700
700
2000
1700
1000
1700
1400
1100
2000
1200
2000
1600
6300


2200
200
2800
800
5200
5700