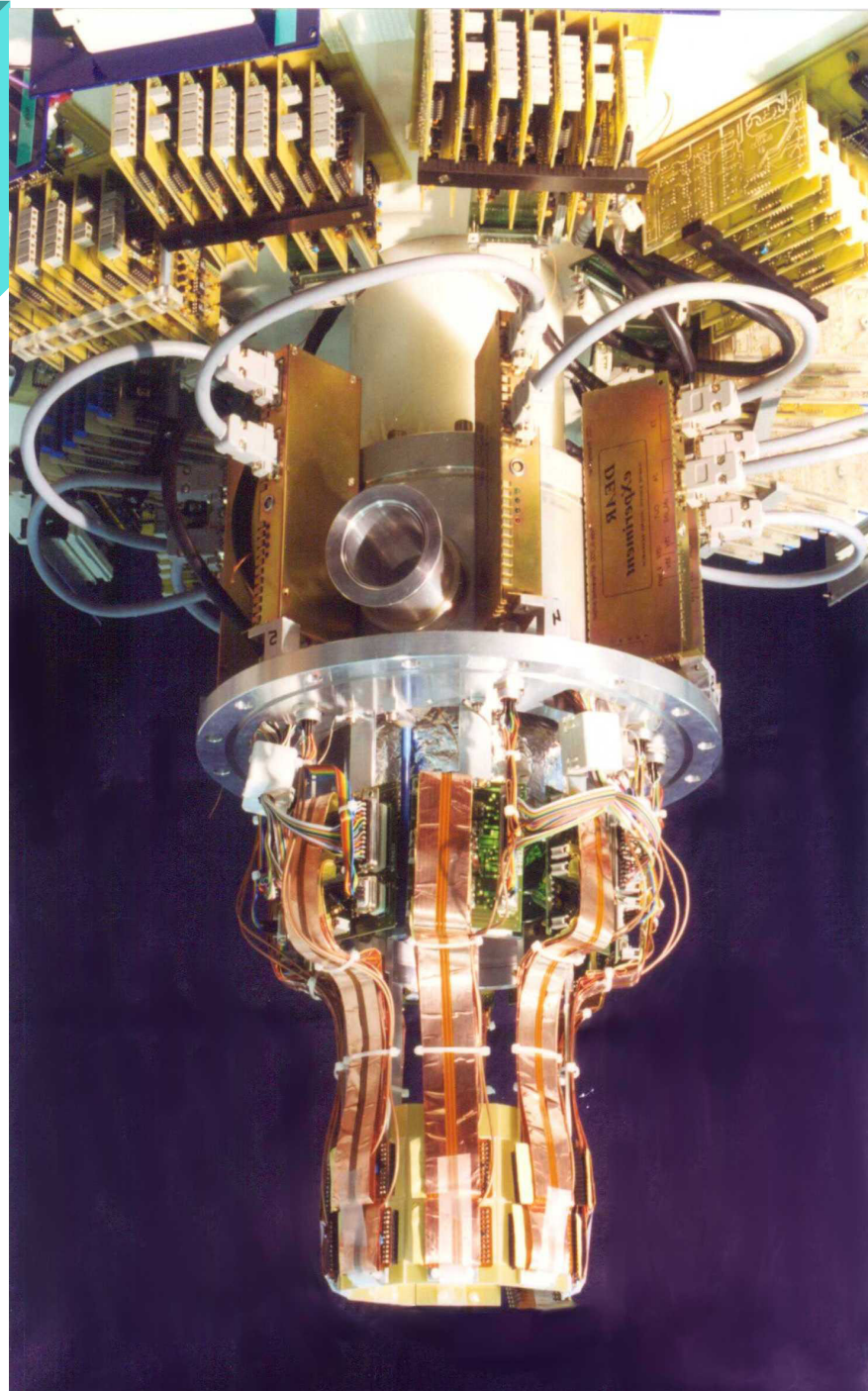


DEAR Cryogenic Target Cell

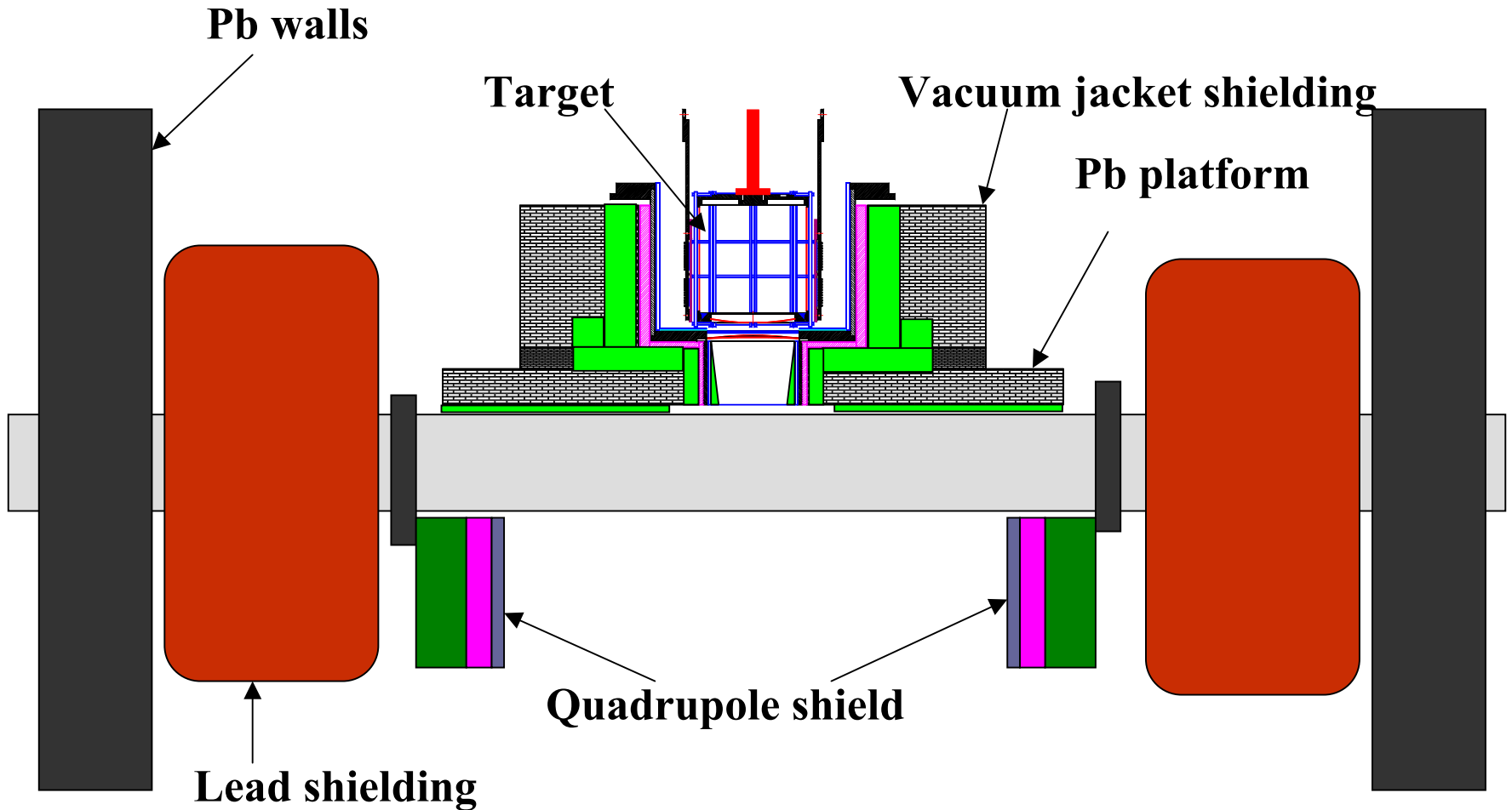


CCD-55 mounting, cryogenics and on-cell electronics

- fiber-glass frames
- cooling system mounted on the top
- minimized Al cold finger (behind CCDs)
- reduced diameter of the socket group and, consequently, of the vacuum chamber



DEAR shielding



**Overall shielding factor
of the DEAR interaction region ~ 100**

