to fore pump
Helmholtz coils
(5 – 30 Gauss)
jet dump (6 inch)
turbo pump 220 l/s
cold trap (LN2)
lid (700 mm)
phosphor screen
collimator
10-8 mbar
main chamber (6 inch + 10 inch)
turbo pumps 220 l/s + 1200 l/s
aperture
valve
aperture
10-8 mbar
synchrotron light
valve for
bypass
10-9 mbar
10-6 mbar
spectrometer
glas window
valve for
bypass
10-4 mbar
nozzle
30 µm
differential stage (6 inch)
turbo pump 220 l/s
2nd jet stage (6 inch)
turbo pump 220 l/s
to scroll pump
overpressure
releasing valve
to fore pump
source stage (12 inch)
turbo pump 1600 l/s
to scroll pump