SSD Holder position: (z_0, x_0) = (24, 30.8) [mm]

100000 α particles flown 180 times

α initial position distribution:

    N_x(3.50, 0.00) $\times$ N_y(-0.00, 13.64) $\times$ N_z(0.00, 13.64) [mm]

α average direction:

    (0.50, -0.00, -0.00) (normalized)

0.000 $\pm$ 0.000 % of them reached the Si detector.