

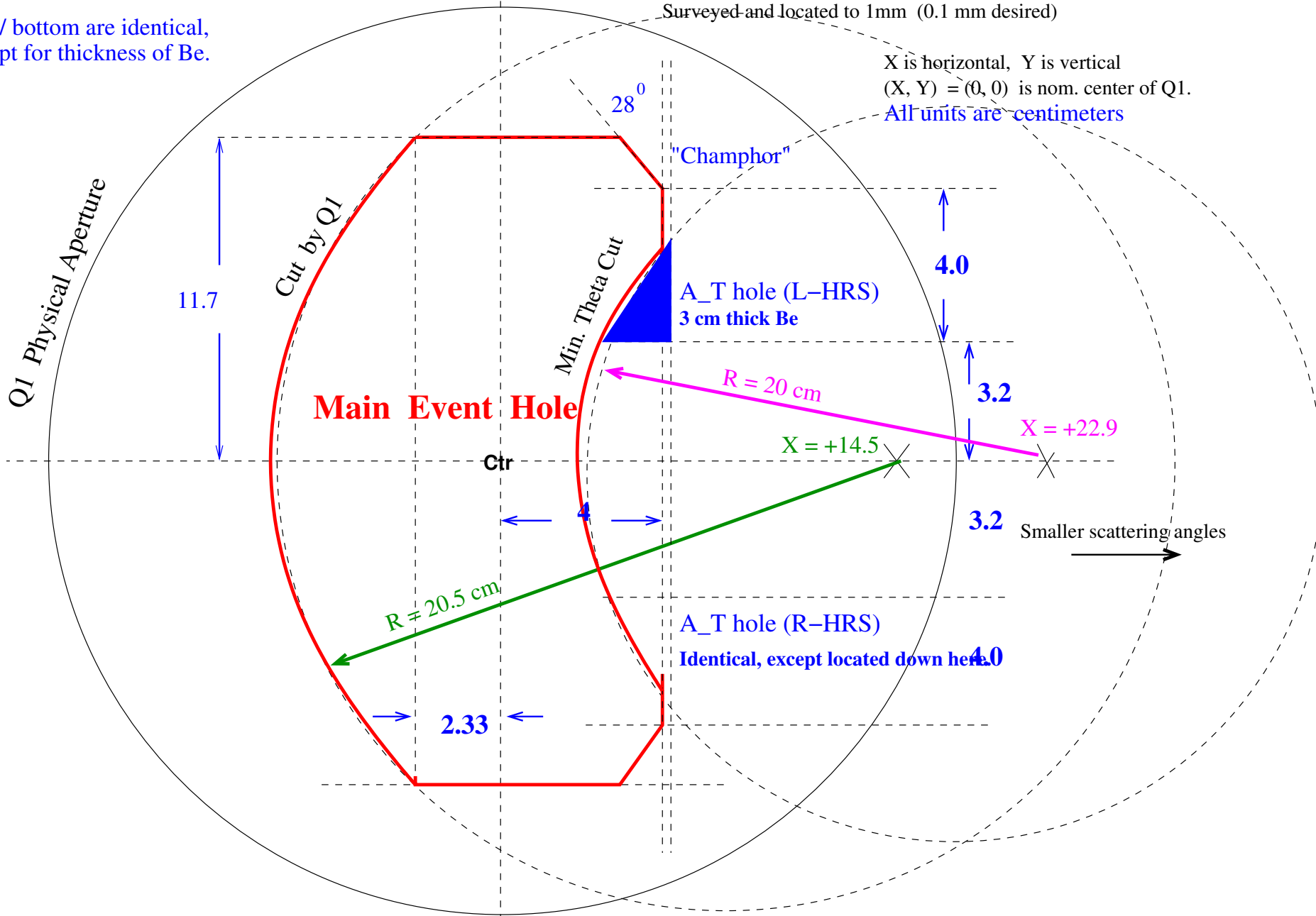
PREX Collimator

Located at entrance to Q1

Top / bottom are identical, except for thickness of Be.

Surveyed and located to 1mm (0.1 mm desired)

X is horizontal, Y is vertical
(X, Y) = (0, 0) is nom. center of Q1.
All units are centimeters



Q1 Physical Aperture

11.7

Cut by Q1

Main Event Hole

Ctr

Min. Theta Cut

A_T hole (L-HRS)
3 cm thick Be

A_T hole (R-HRS)
Identical, except located down here

"Champhor"

28°

R = 20 cm

X = +14.5

X = +22.9

4.0

3.2

3.2

Smaller scattering angles

R = 20.5 cm

2.33

4.0