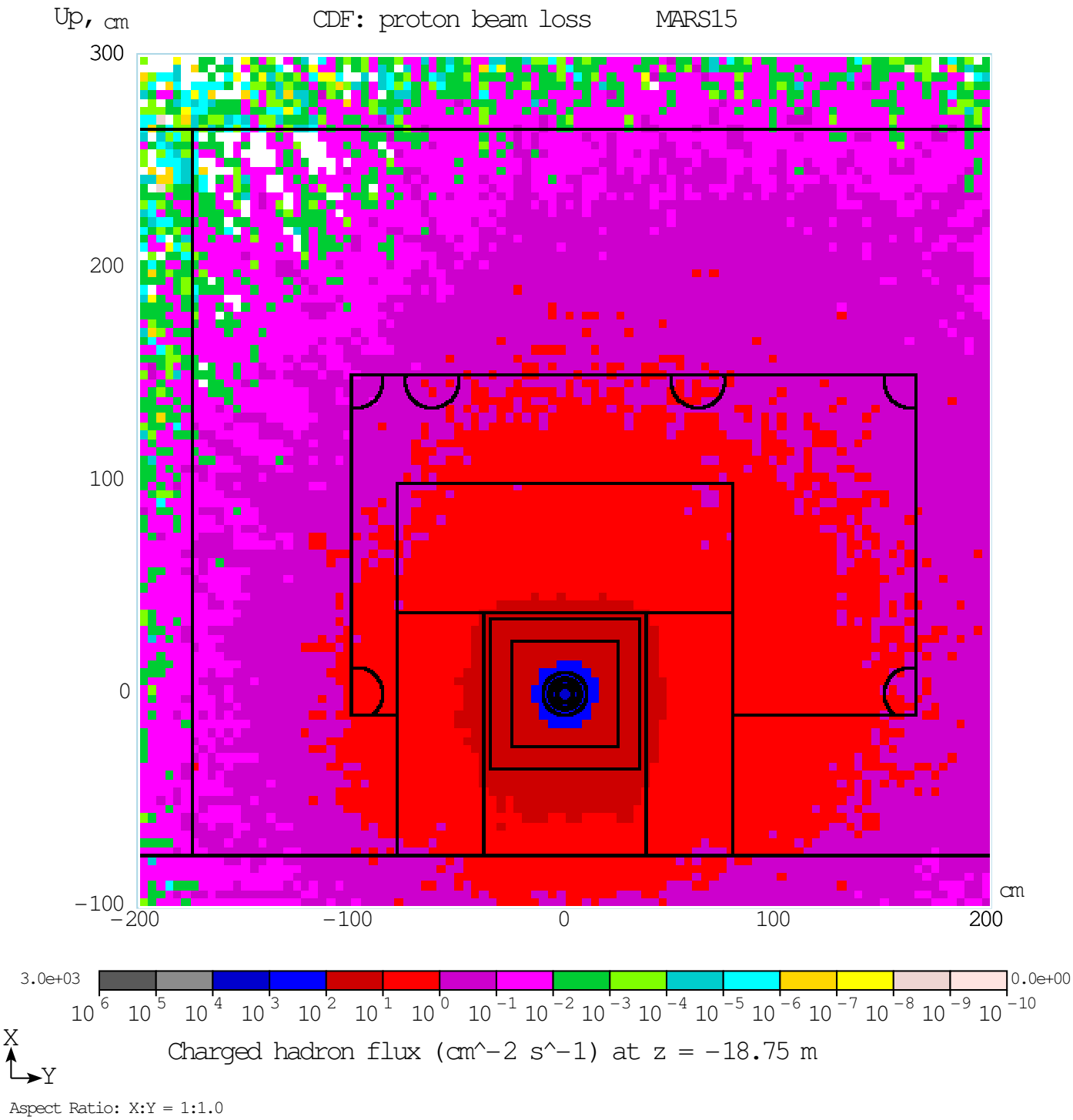
Up, cm
CDF: proton beam loss
MARS15
300
200
100
0
−100
−200
−100
0
100
200
cm
3.0e+03
0.0e+00
10 6 10 5 10 4 10 3 10 2 10 1 10 0 10 −1 10 −2 10 −3 10 −4 10 −5 10 −6 10 −7 10 −8 10 −9 10 −10
Charged hadron flux (cm^−2 s^−1) at z = −18.75 m
X
Y
Aspect Ratio: X:Y = 1:1.0