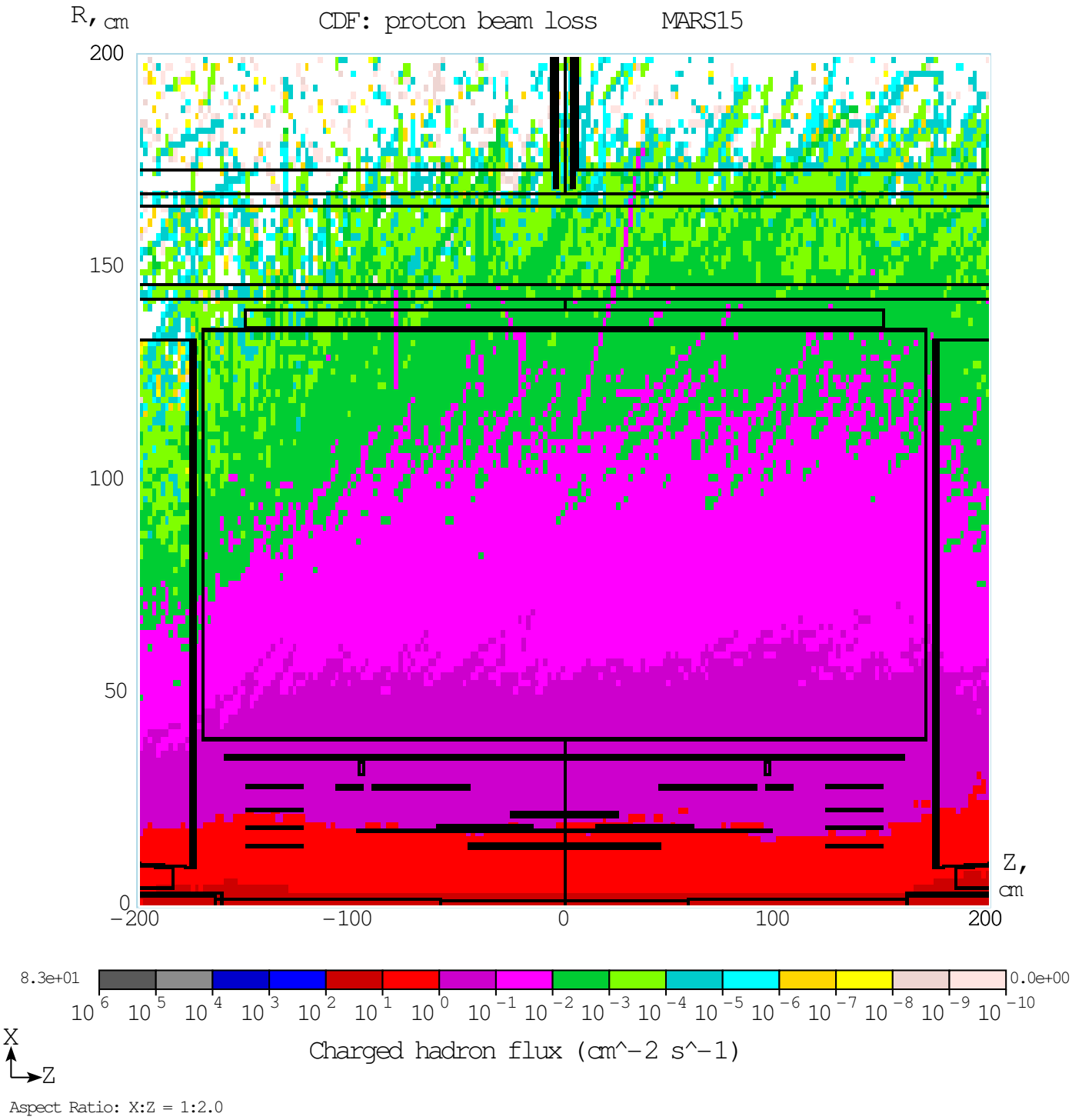
R, cm
CDF: proton beam loss
MARS15
200
150
100
50
0
-200
-100
0
100
200
Z, cm
8.3e+01
0.0e+00
10^6 10^5 10^4 10^3 10^2 10^1 10^0 10^-1 10^-2 10^-3 10^-4 10^-5 10^-6 10^-7 10^-8 10^-9 10^-10
Charged hadron flux (cm^-2 s^-1)
X
Z
Aspect Ratio: X:Z = 1:2.0