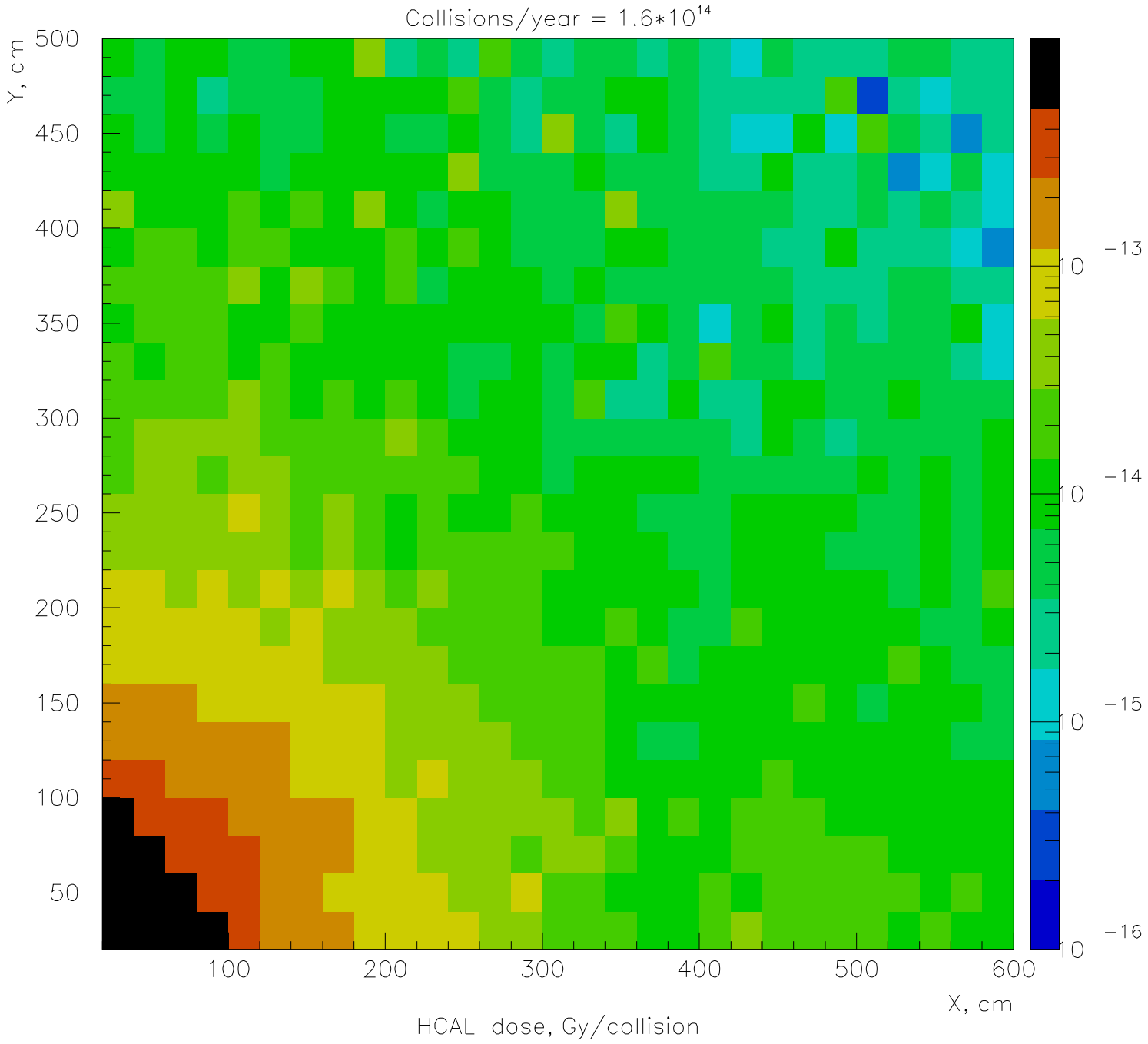
Collisions/year = 1.6*10^14
Y, cm
500
450
400
350
300
250
200
150
100
50
100
200
300
400
500
600
X, cm
HCAL dose, Gy/collision
10^-13
10^-14
10^-15
10^-16