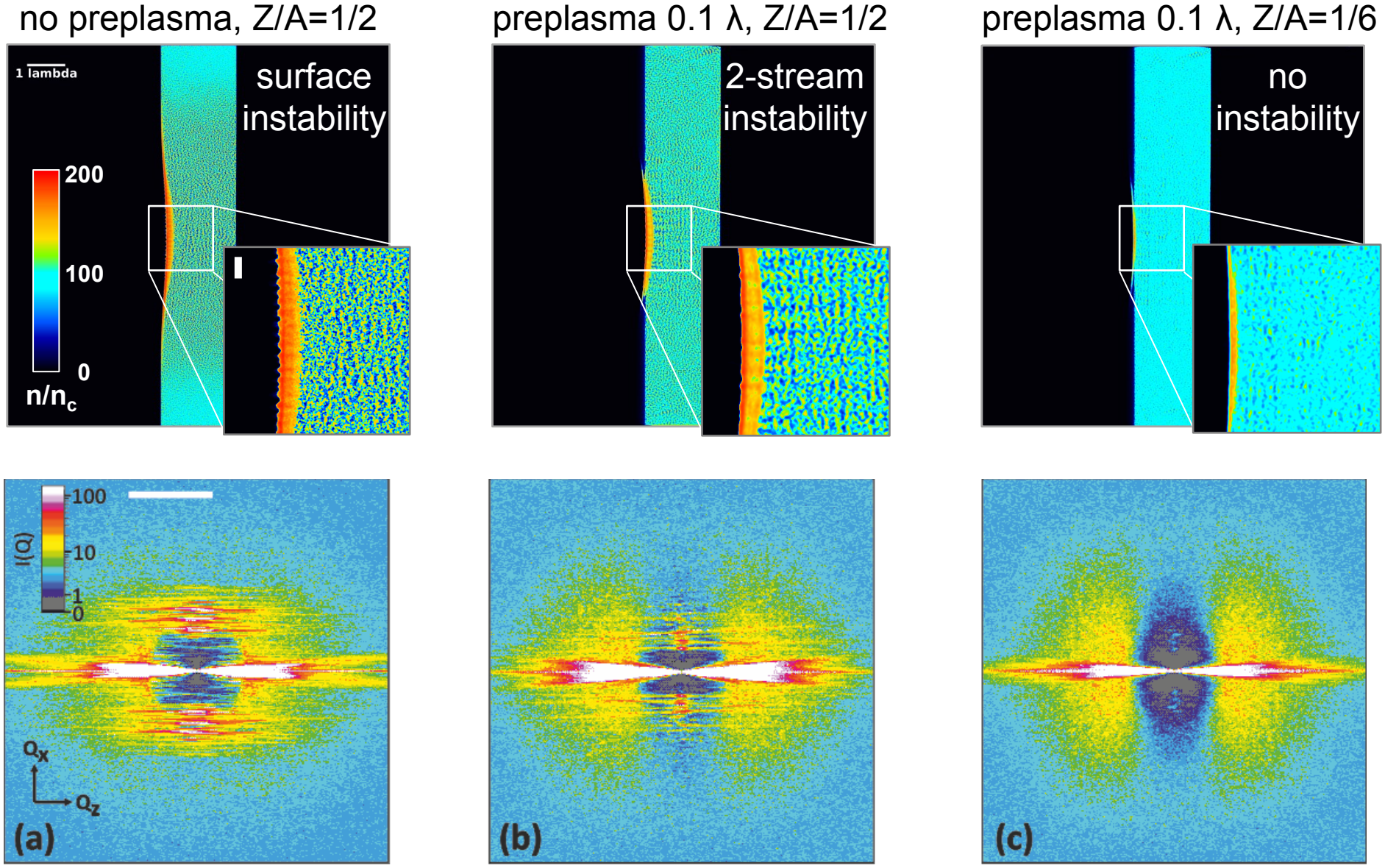
no preplasma, Z/A=1/2
preplasma 0.1 λ, Z/A=1/2
preplasma 0.1 λ, Z/A=1/6
1 lambda
surface instability
2-stream instability
no instability
200
100
0
n/n_c
I(Q)
100
10
1
0
Q_x
Q_z
(a)
(b)
(c)