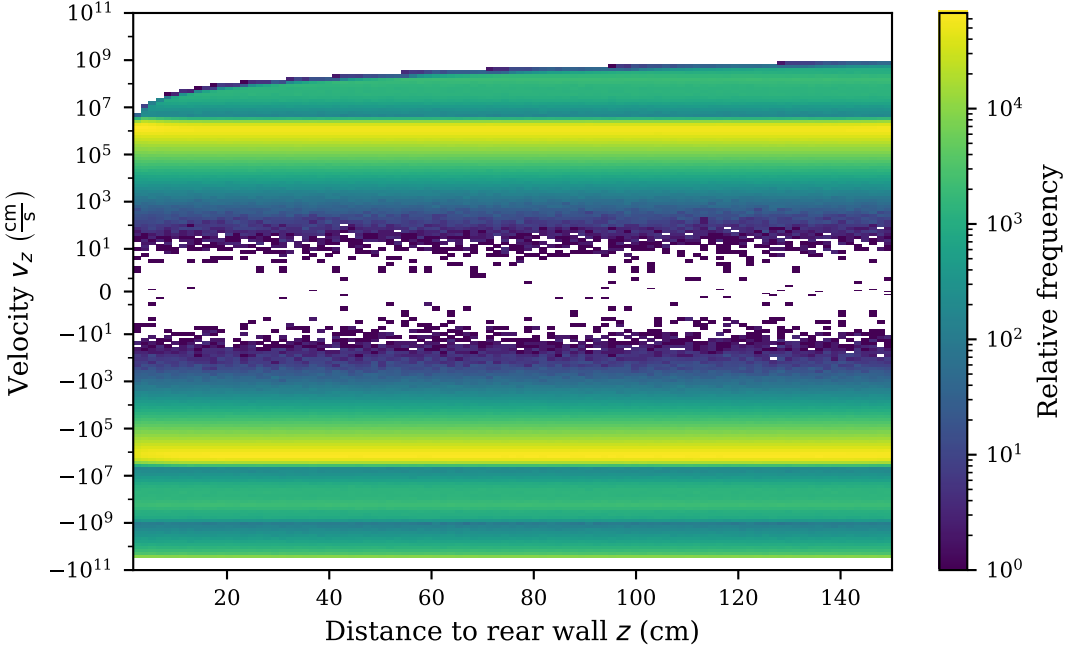

Velocity v_z ($\frac{\text{cm}}{\text{s}}$)
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
0
-10^{1}
-10^{3}
-10^{5}
-10^{7}
-10^{9}
-10^{11}
20
40
60
80
100
120
140
Distance to rear wall z (cm)
Relative frequency
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}