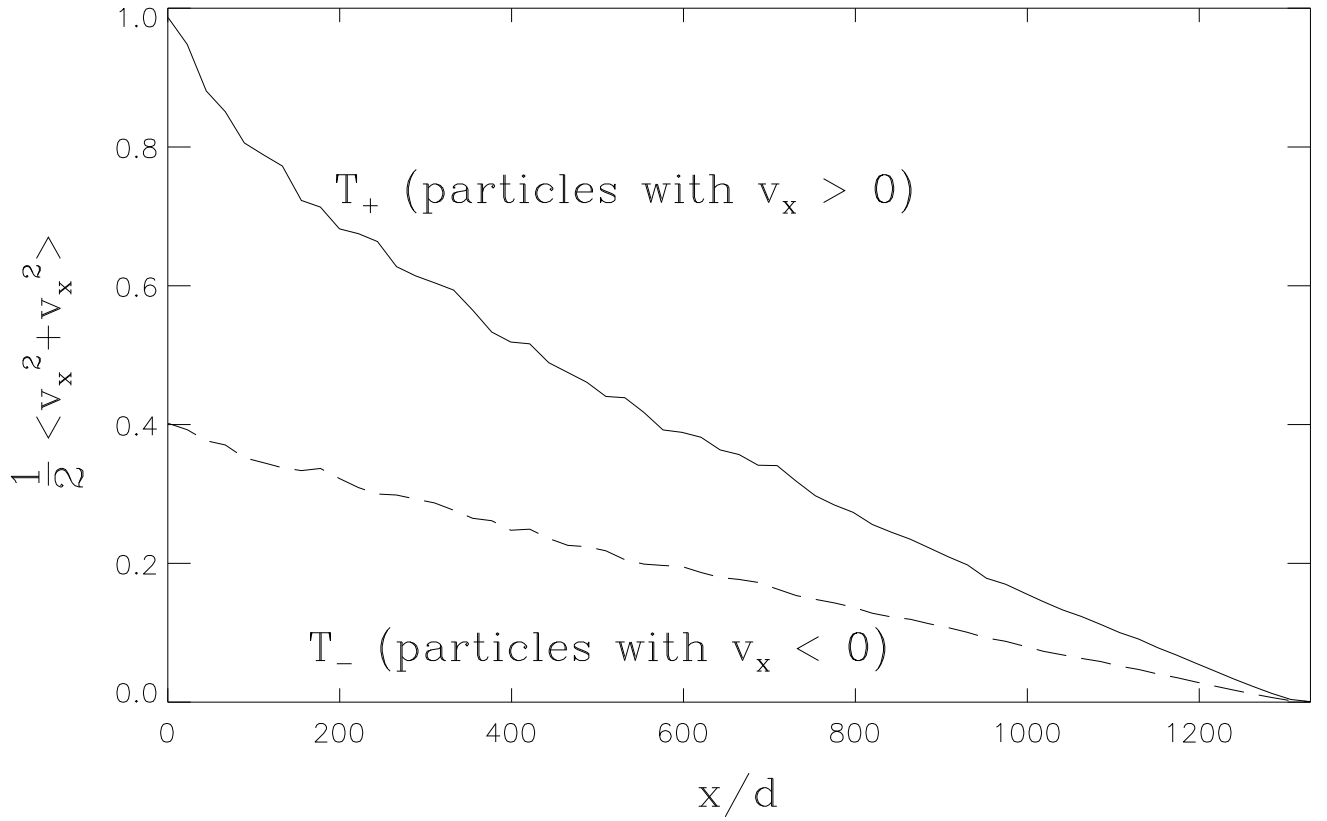
1.0
0.8
0.6
0.4
0.2
0.0
0
200
400
600
800
1000
1200
x/d
$\frac{1}{2}\langle v_x^2+v_x^2\rangle$
T_+ (particles with $v_x > 0$)
T_- (particles with $v_x < 0$)