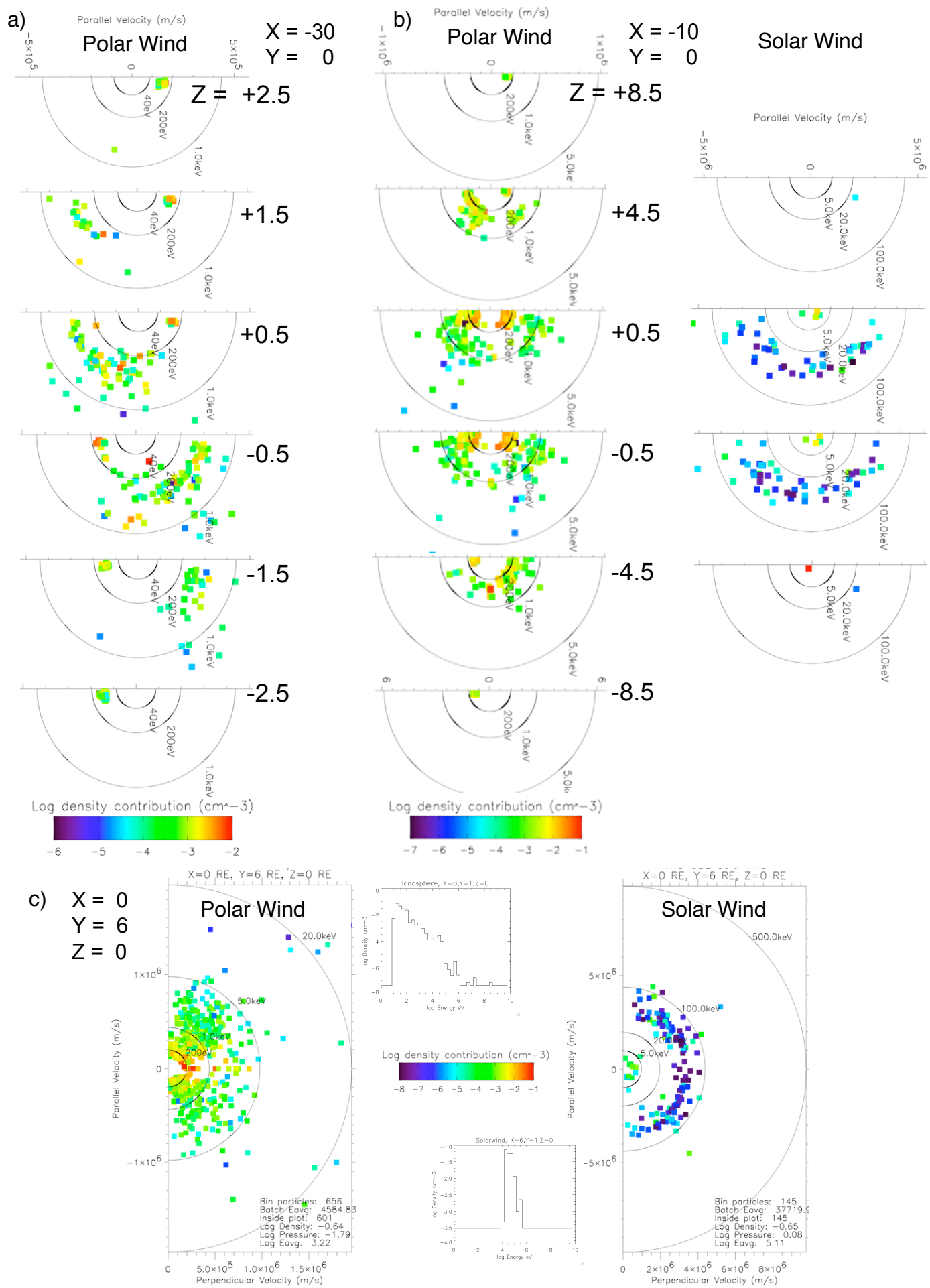
a)
Polar Wind
X = -30
Y = 0
Z = +2.5
+1.5
+0.5
-0.5
-1.5
-2.5
Parallel Velocity (m/s)
Log density contribution (cm^-3)
b)
Polar Wind
X = -10
Y = 0
Z = +8.5
+4.5
+0.5
-0.5
-4.5
-8.5
Solar Wind
c)
X = 0
Y = 6
Z = 0
X=0 RE, Y=6 RE, Z=0 RE
Polar Wind
Solar Wind
Ionosphere, X=6,Y=1,Z=0
Solarwind, X=6,Y=1,Z=0
Log density contribution (cm^-3)
Parallel Velocity (m/s)
Perpendicular Velocity (m/s)
Bin particles: 656
Batch Eavg: 4584.83
Inside plot: 601
Log Density: -0.64
Log Pressure: -1.79
Log Eavg: 3.22
Bin particles: 145
Batch Eavg: 37719.9
Inside plot: 145
Log Density: -0.65
Log Pressure: 0.08
Log Eavg: 5.11