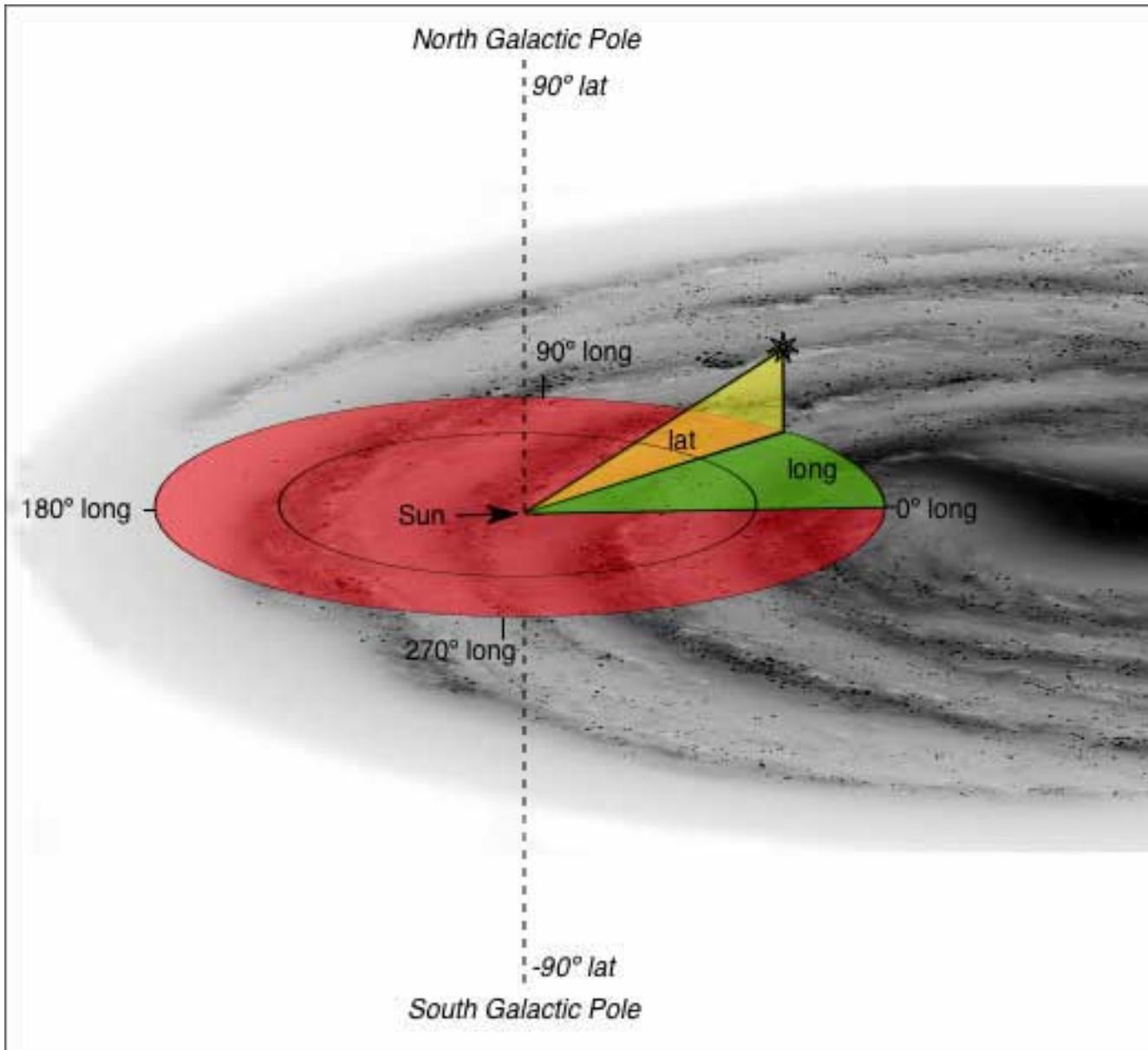
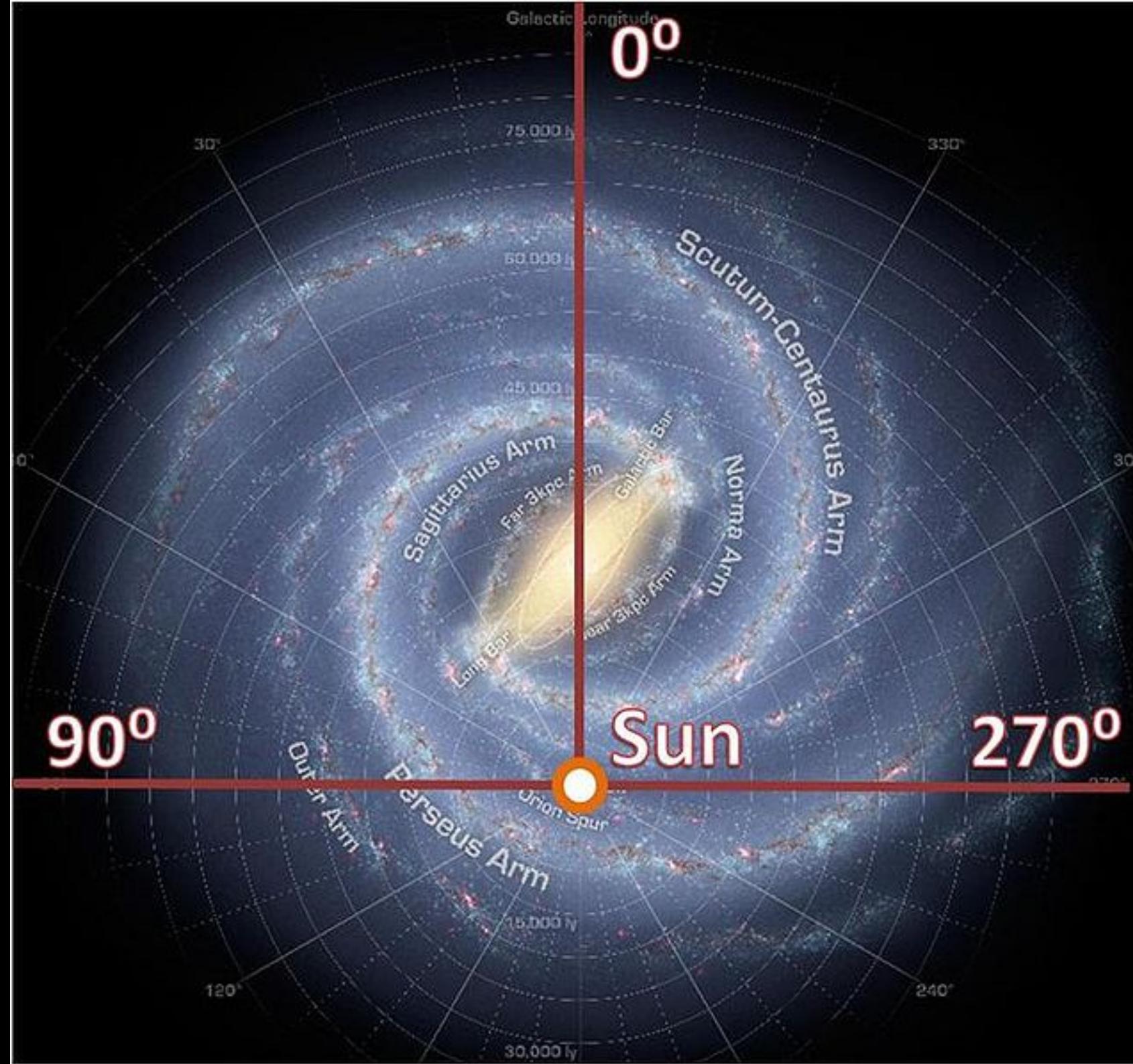
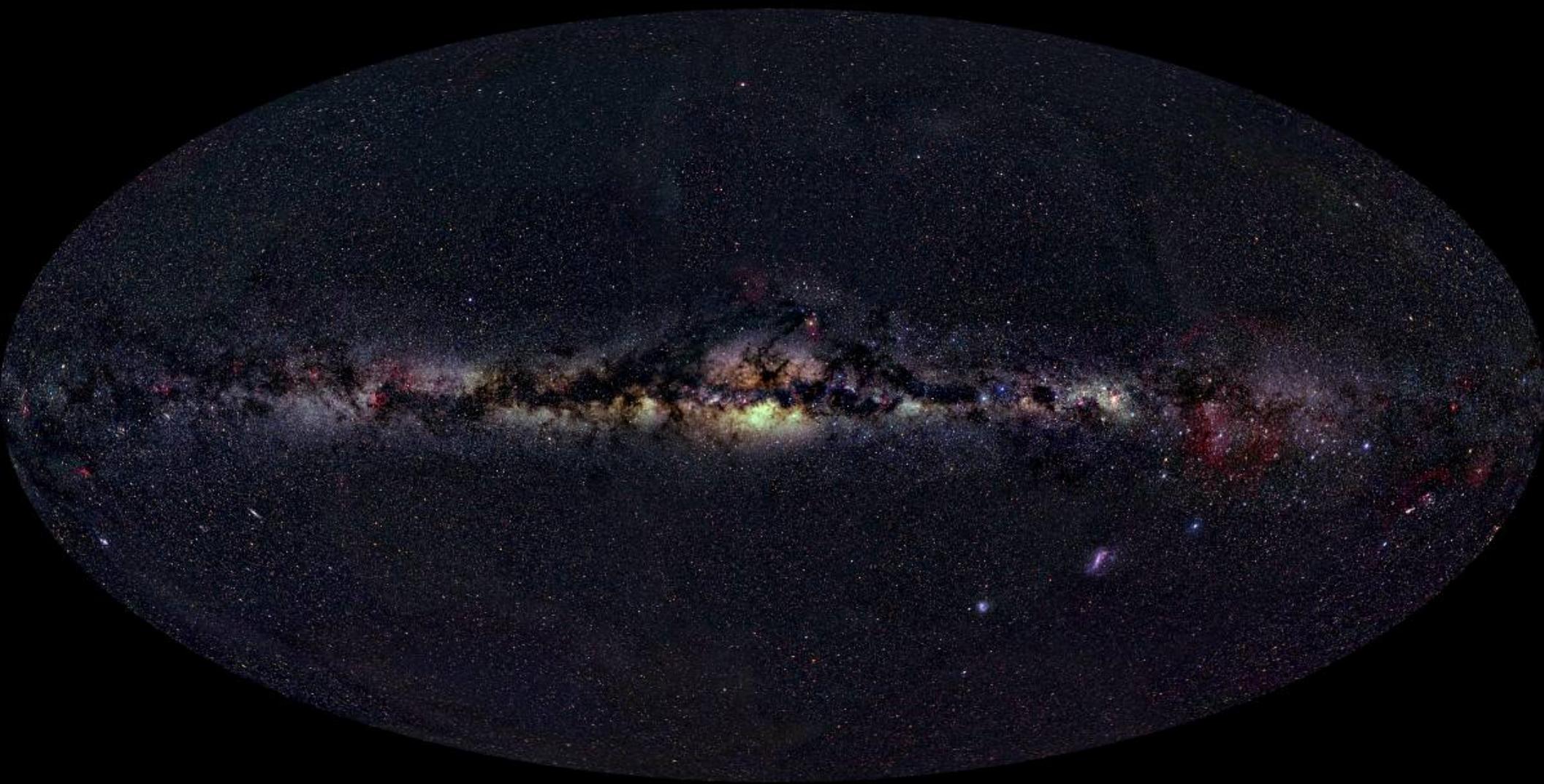


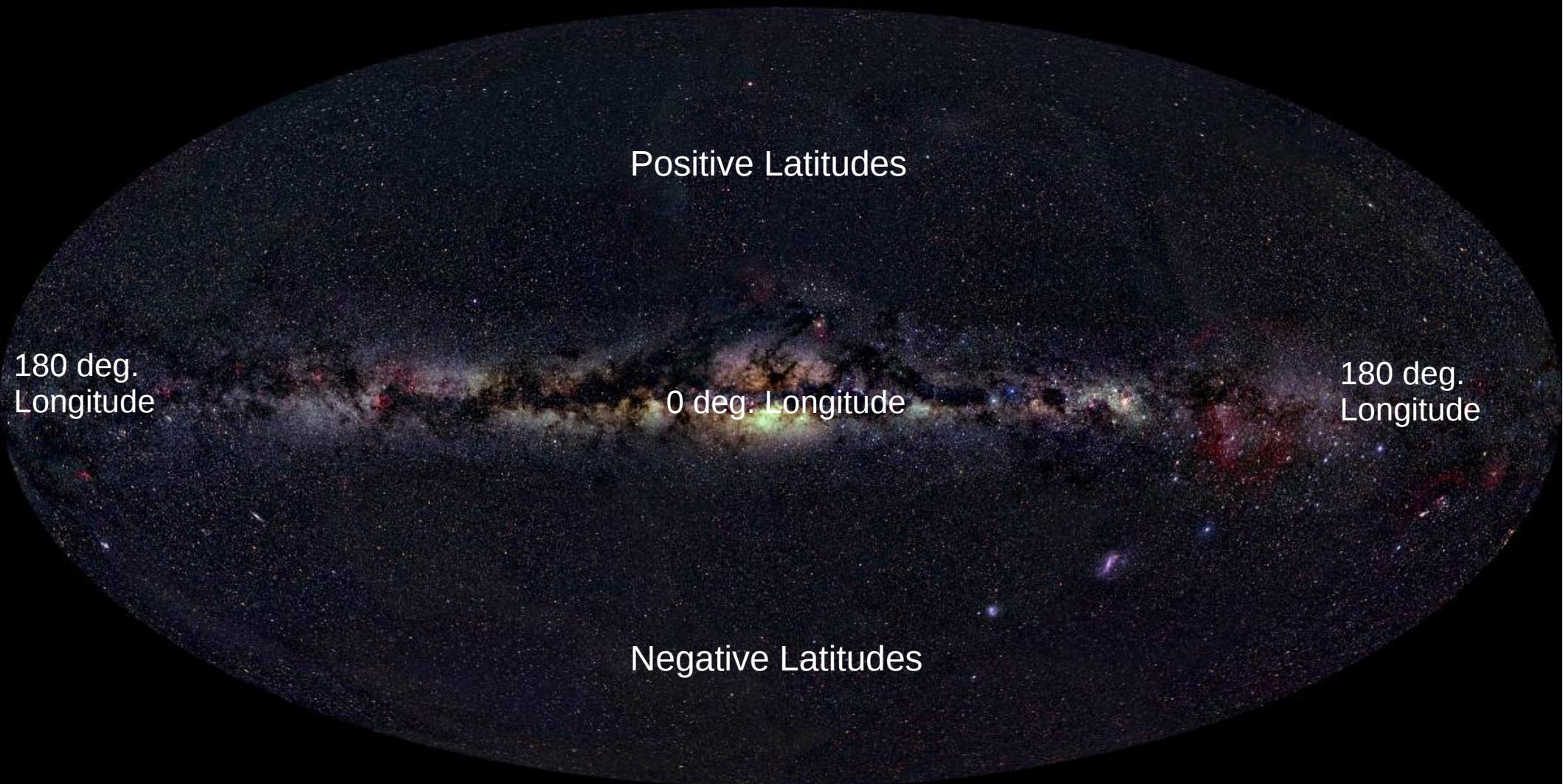
Galactic Rotation

Galactic Coordinates









Positive Latitudes

180 deg.
Longitude

0 deg. Longitude

180 deg.
Longitude

Negative Latitudes

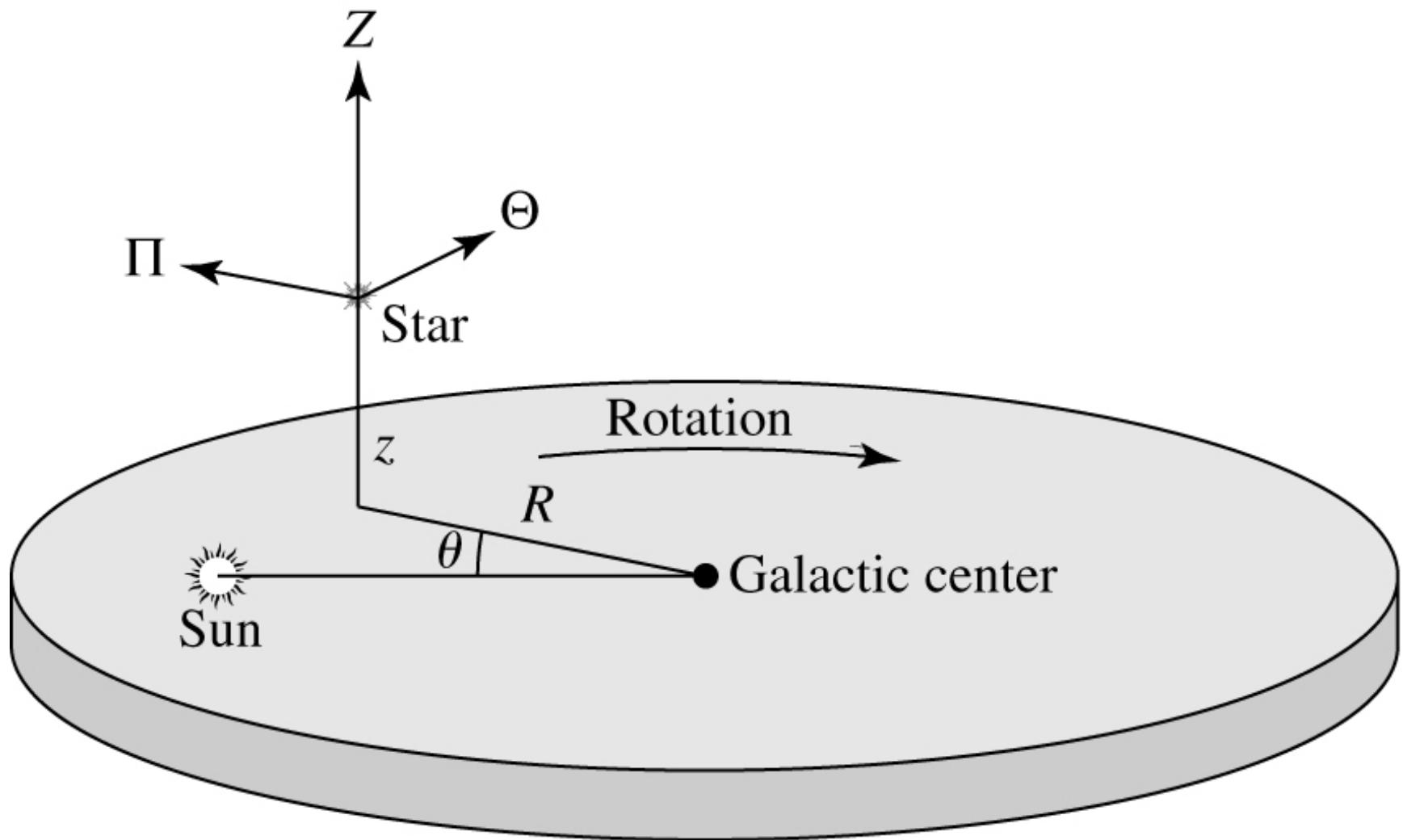


Positive Latitudes

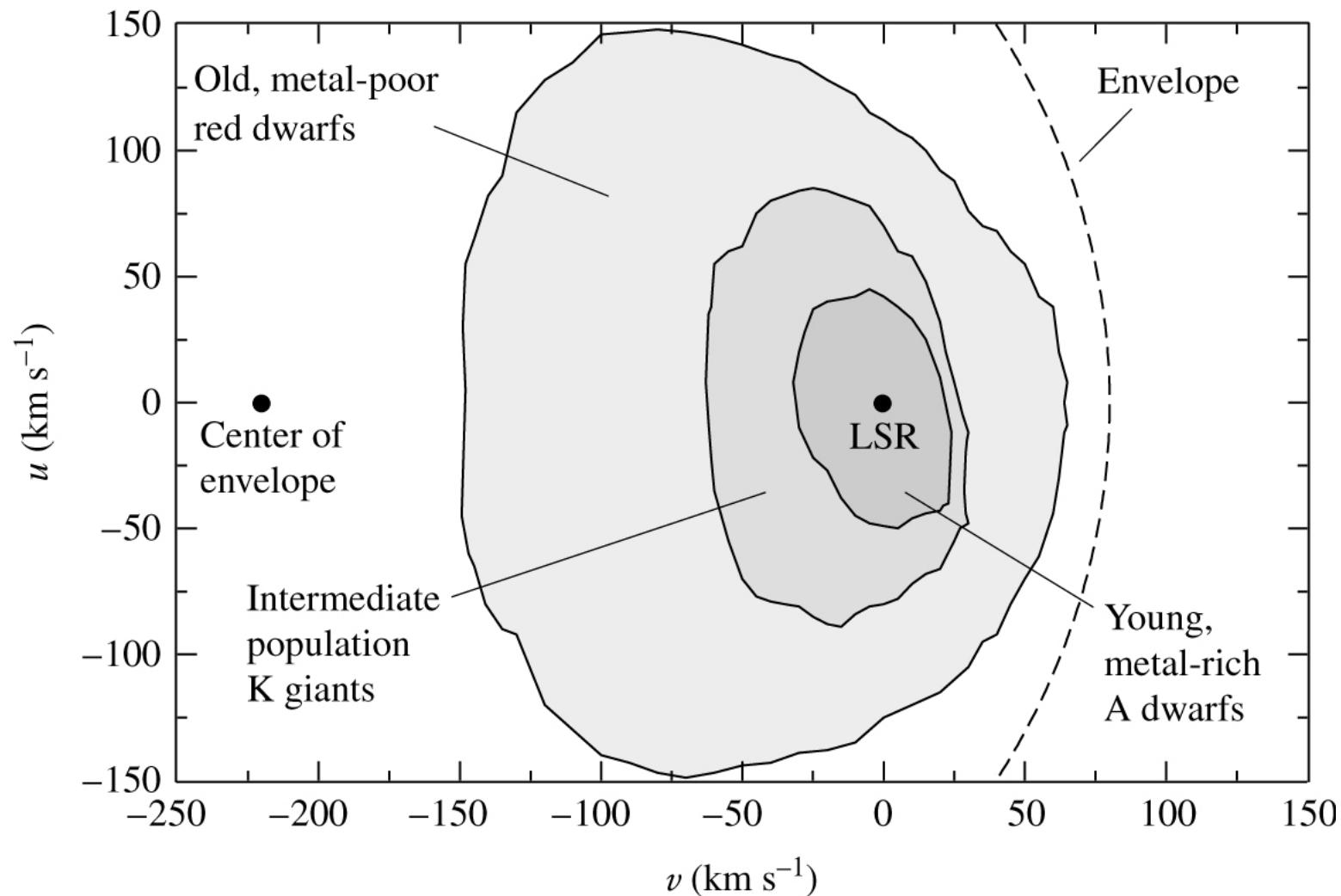
0 deg. Longitude

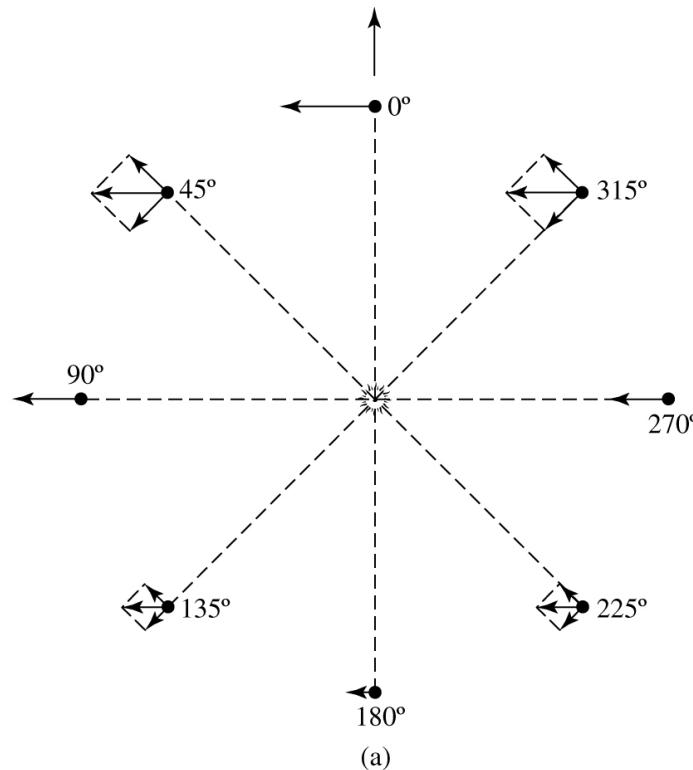
Negative Latitudes

Galactic Center Cylindrical Coordinates

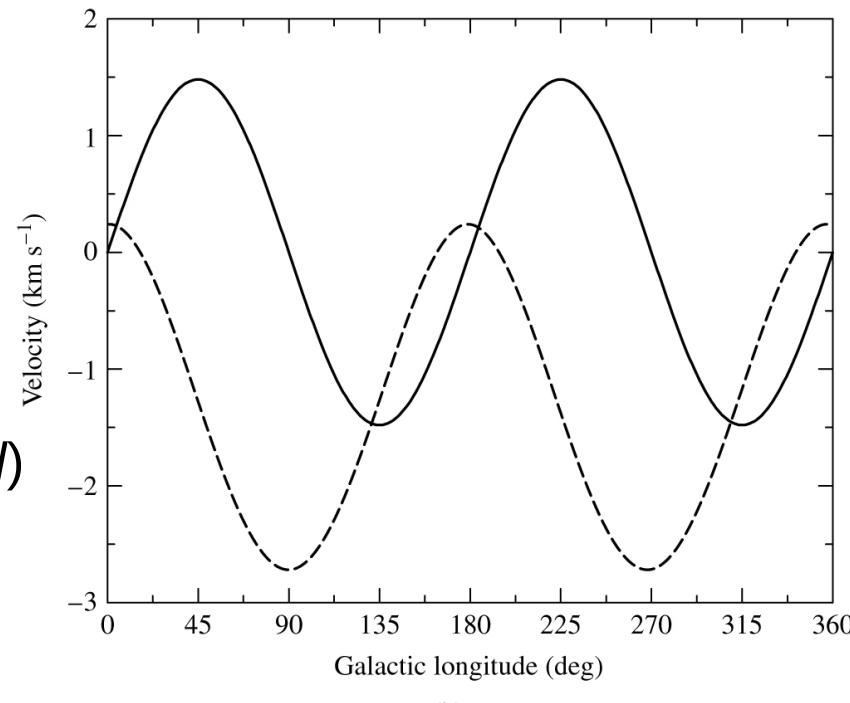


Observations of Stars Show





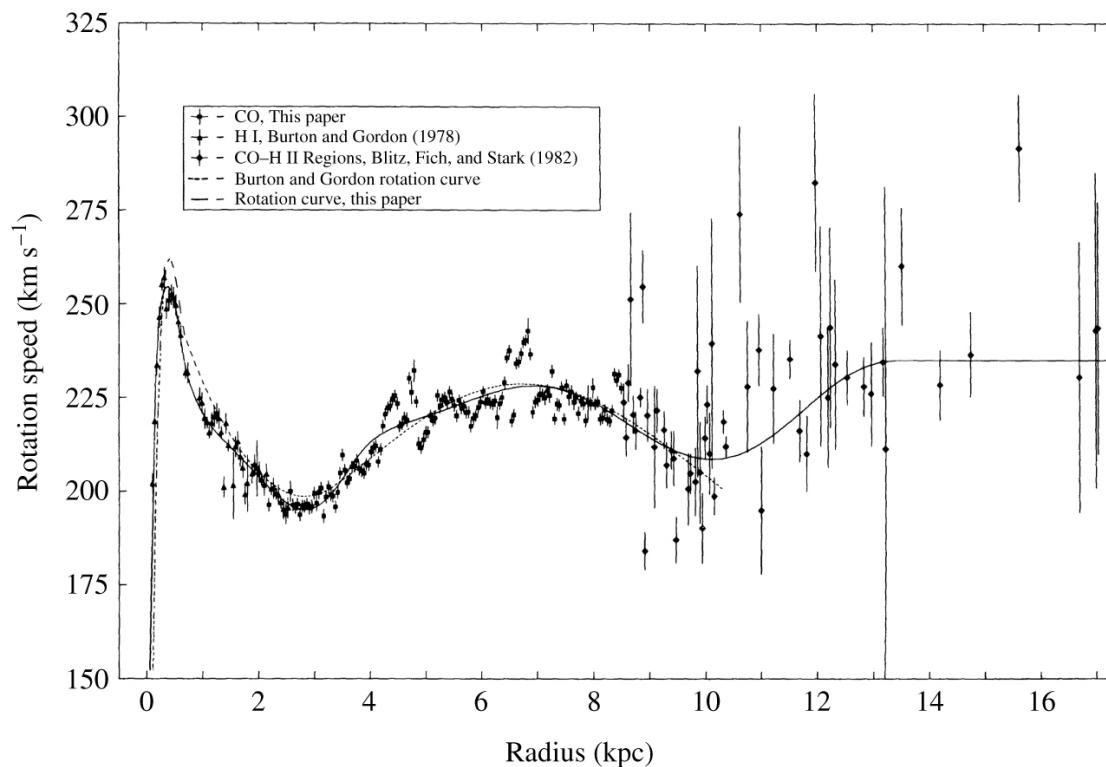
(a)



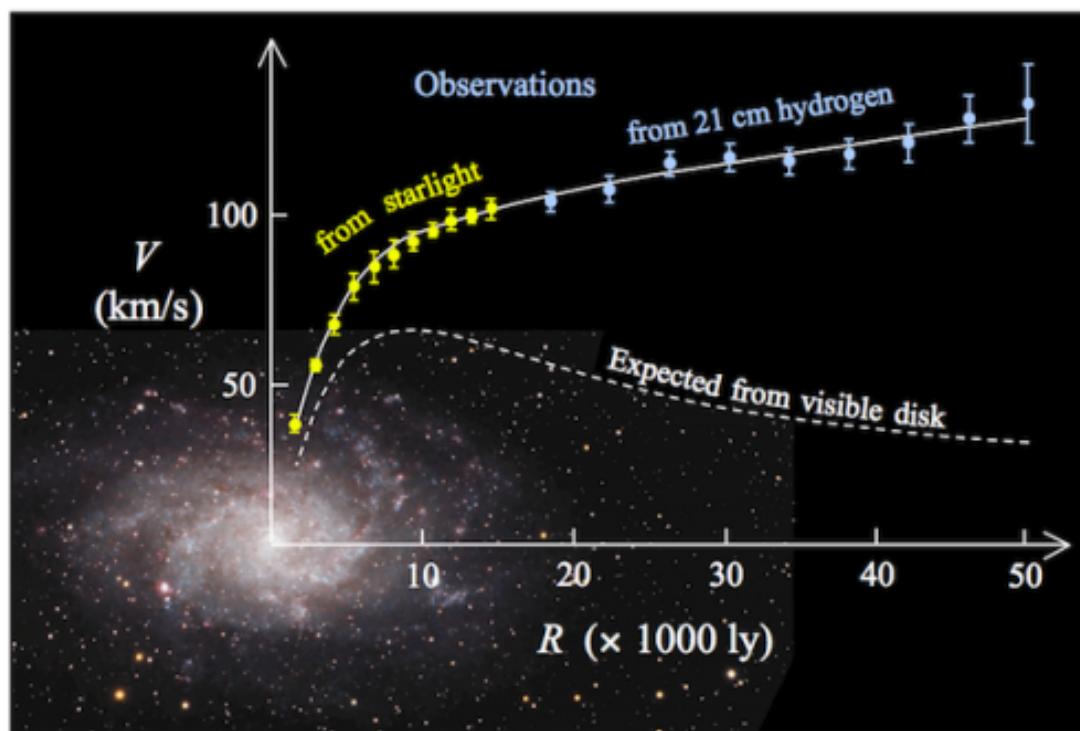
(b)

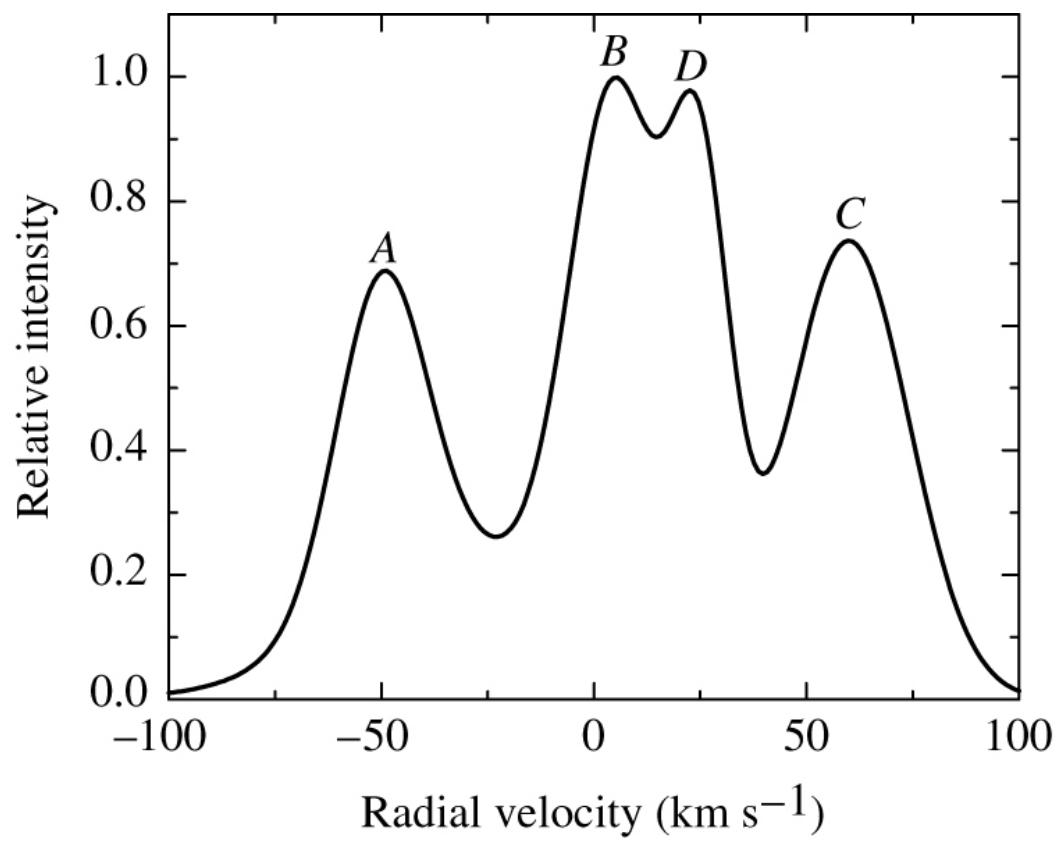
Radial (solid) and
transverse (dashed)
velocities as a
function of l .
Dependence is $\sin(2l)$

Milky Way

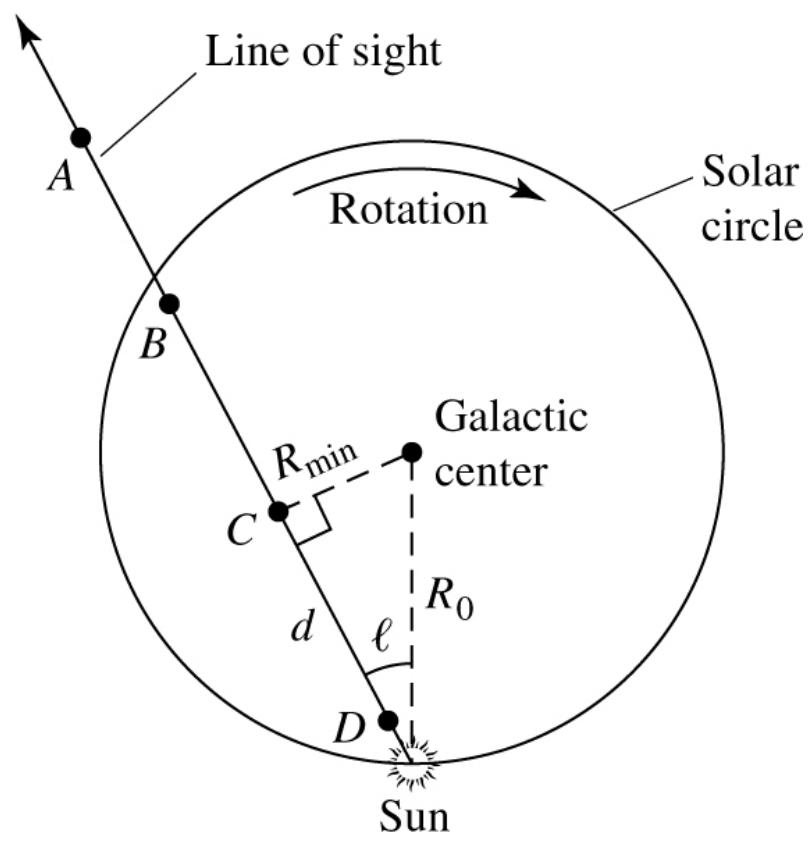


Other galaxy





(a)



(b)

