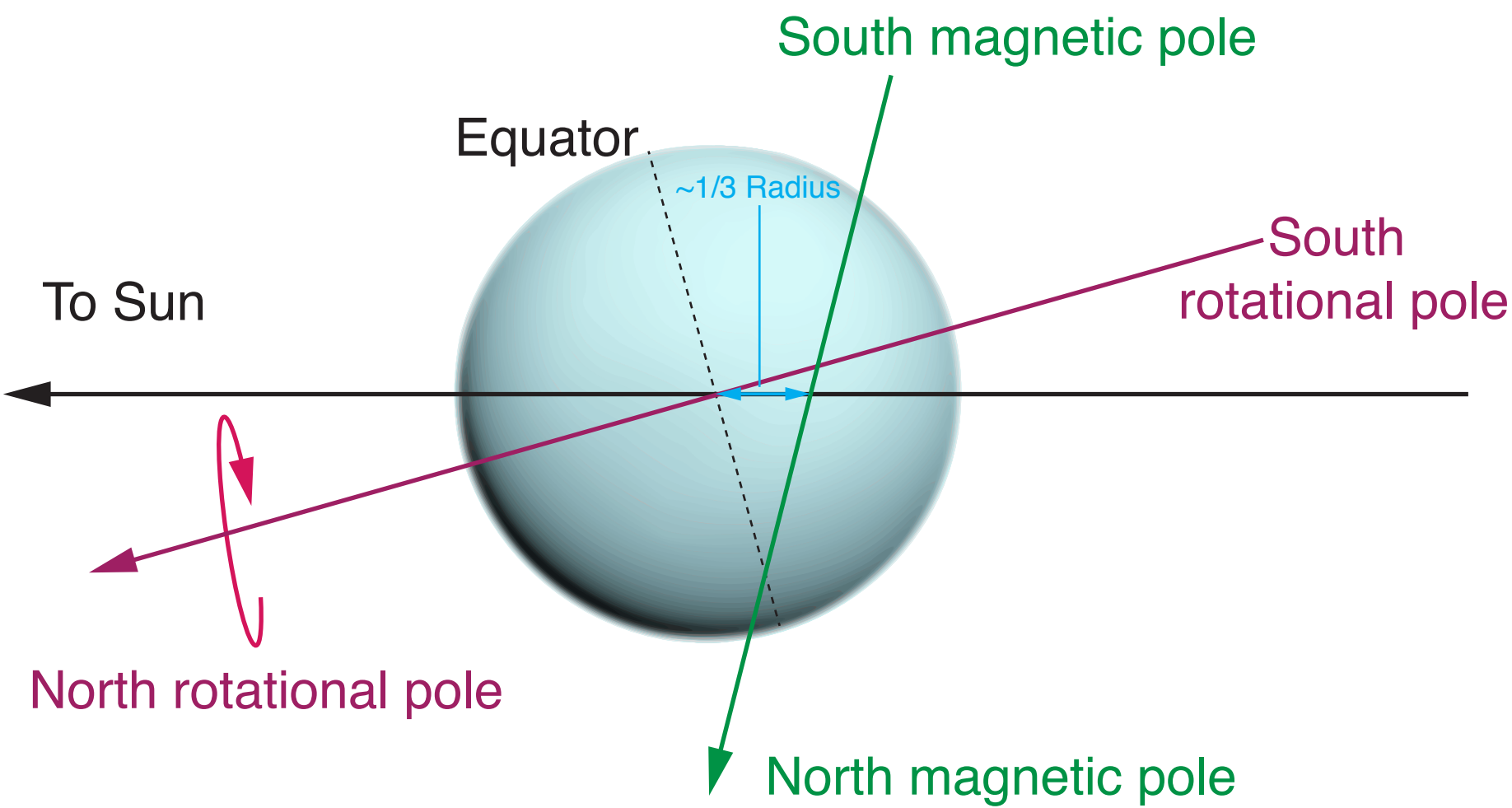
South magnetic pole
Equator
~1/3 Radius
South
rotational pole
To Sun
North rotational pole
North magnetic pole