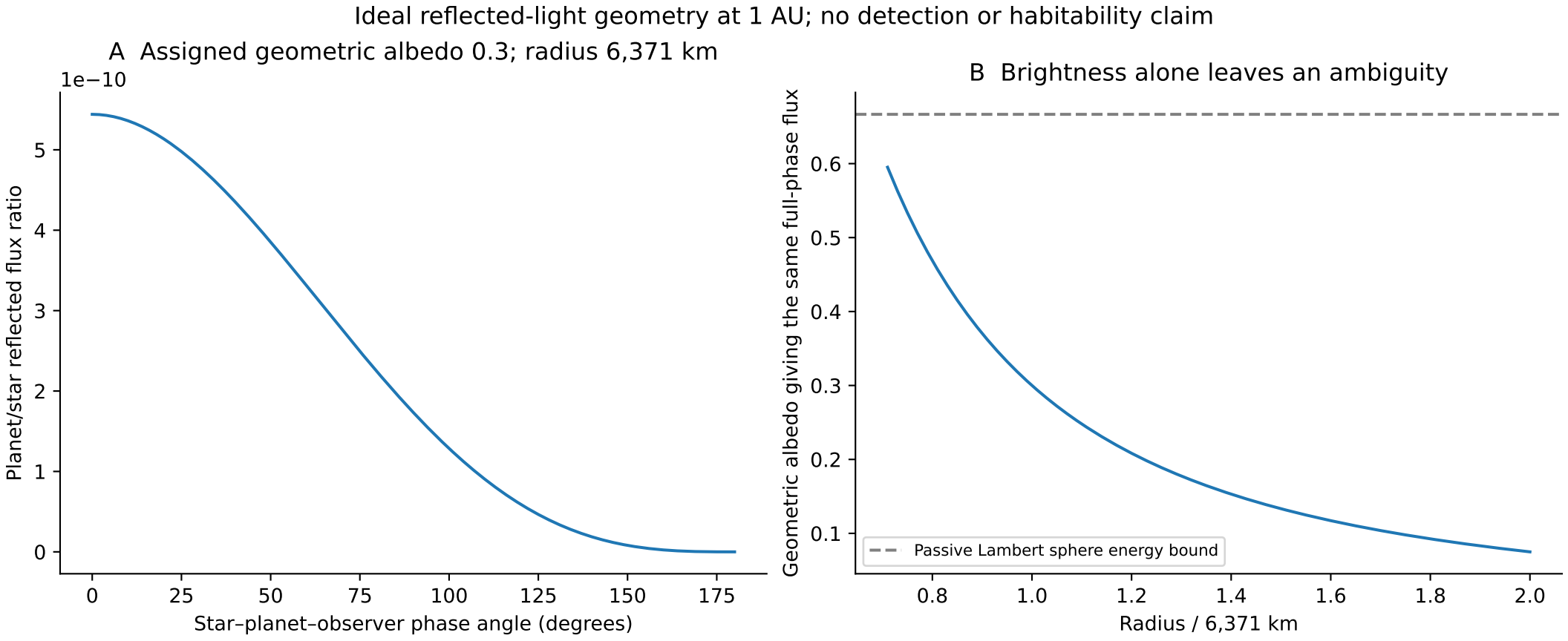

Ideal reflected-light geometry at 1 AU; no detection or habitability claim
A Assigned geometric albedo 0.3; radius 6,371 km
1e−10
Planet/star reflected flux ratio
0
1
2
3
4
5
0
25
50
75
100
125
150
175
Star–planet–observer phase angle (degrees)
B Brightness alone leaves an ambiguity
Geometric albedo giving the same full-phase flux
0.1
0.2
0.3
0.4
0.5
0.6
Passive Lambert sphere energy bound
0.8
1.0
1.2
1.4
1.6
1.8
2.0
Radius / 6,371 km