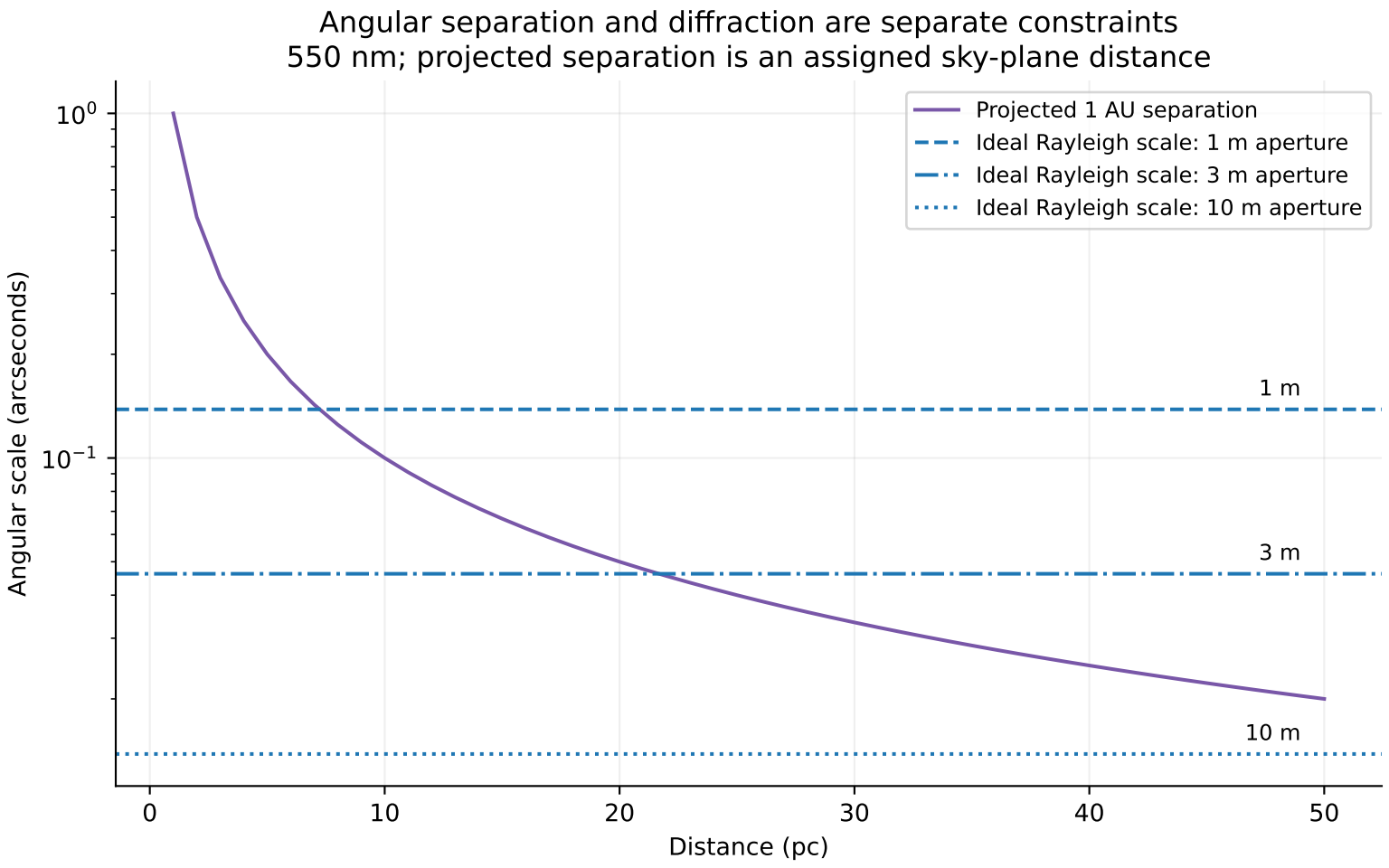

Angular separation and diffraction are separate constraints
550 nm; projected separation is an assigned sky-plane distance
Projected 1 AU separation
Ideal Rayleigh scale: 1 m aperture
Ideal Rayleigh scale: 3 m aperture
Ideal Rayleigh scale: 10 m aperture
1 m
3 m
10 m
10^{0}
10^{-1}
Angular scale (arcseconds)
0
10
20
30
40
50
Distance (pc)