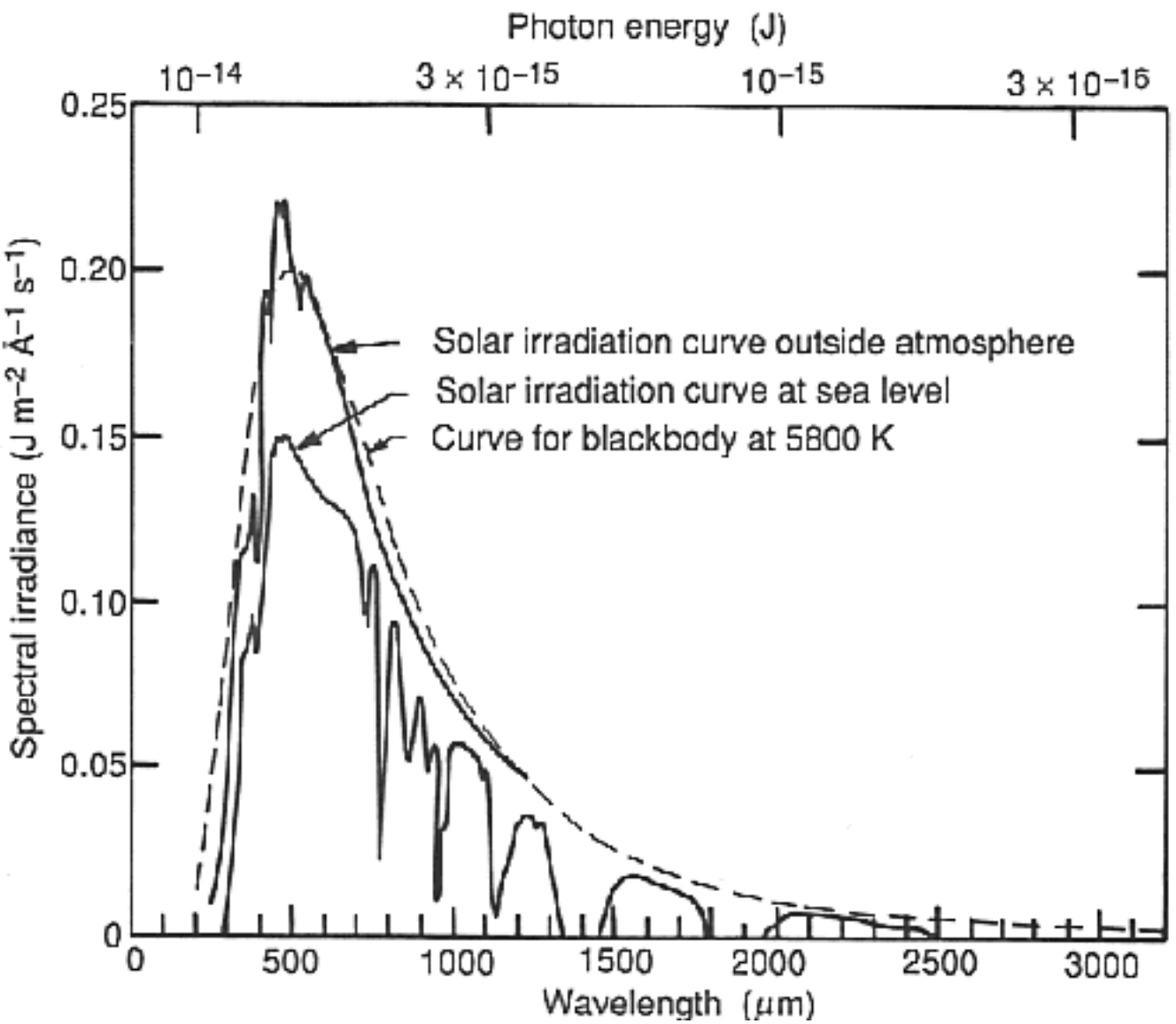
Photon energy (J)
10−14
3 × 10−15
10−15
3 × 10−16
0.25
0.20
0.15
0.10
0.05
0
Spectral irradiance (J m−2 Å−1 s−1)
Solar irradiation curve outside atmosphere
Solar irradiation curve at sea level
Curve for blackbody at 5800 K
0
500
1000
1500
2000
2500
3000
Wavelength (μm)