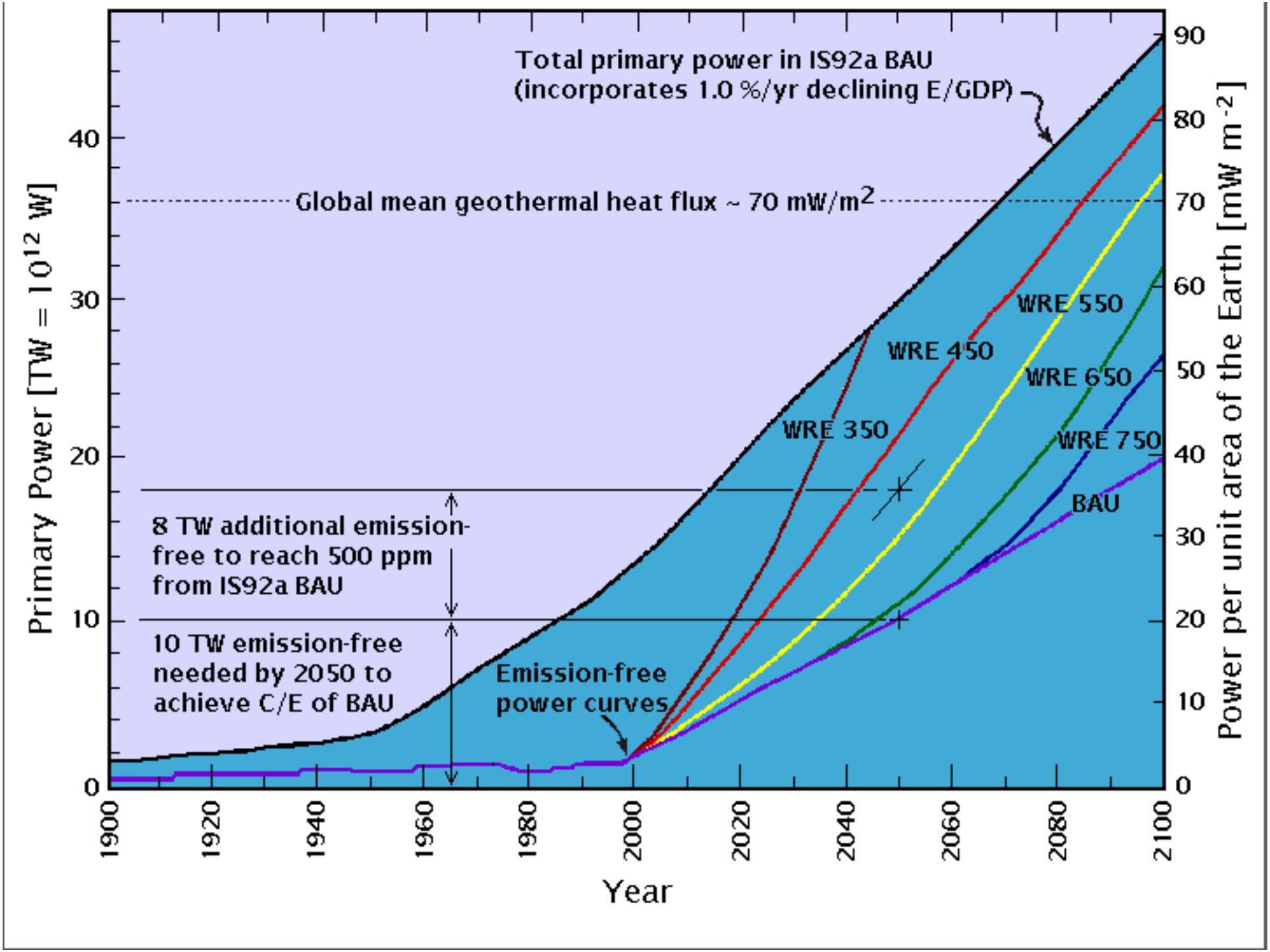
Total primary power in IS92a BAU
(incorporates 1.0 %/yr declining E/GDP)
Global mean geothermal heat flux ~ 70 mW/m2
WRE 550
WRE 450
WRE 650
WRE 350
WRE 750
BAU
8 TW additional emission-free to reach 500 ppm from IS92a BAU
10 TW emission-free needed by 2050 to achieve C/E of BAU
Emission-free power curves
Primary Power [TW = 10^12 W]
Power per unit area of the Earth [mW m^-2]
Year
0
10
20
30
40
50
60
70
80
90
1900
1920
1940
1960
1980
2000
2020
2040
2060
2080
2100