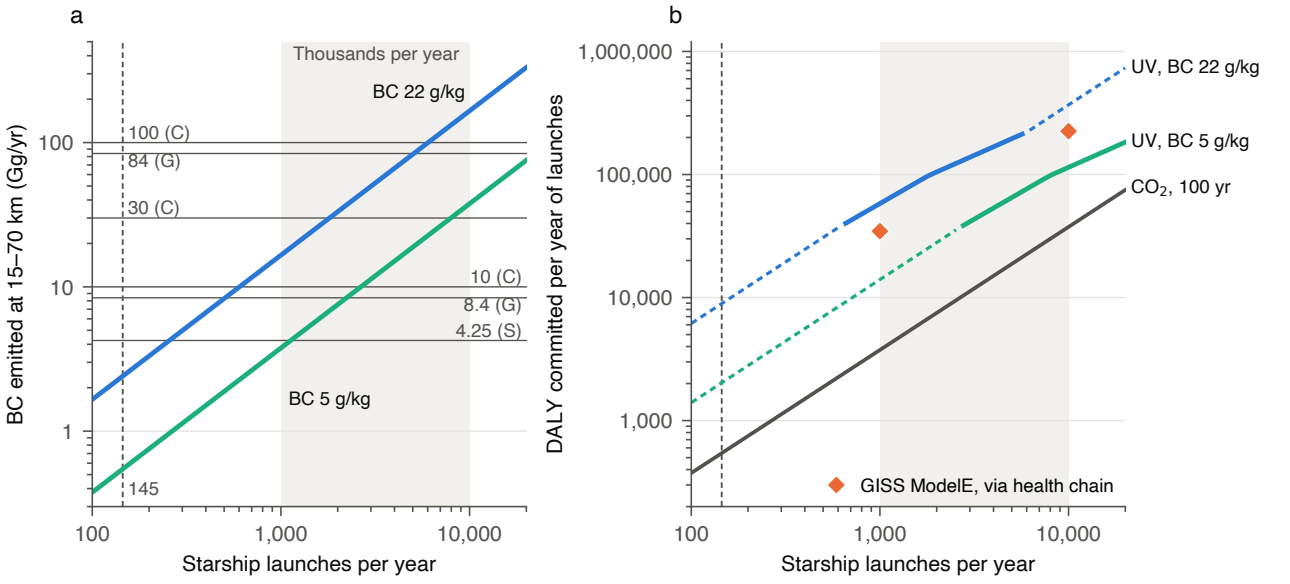

a
Thousands per year
BC 22 g/kg
100 (C)
84 (G)
30 (C)
10 (C)
8.4 (G)
4.25 (S)
BC 5 g/kg
145
BC emitted at 15–70 km (Gg/yr)
100
10
1
100
1,000
10,000
Starship launches per year
b
1,000,000
100,000
10,000
1,000
DALY committed per year of launches
UV, BC 22 g/kg
UV, BC 5 g/kg
CO_2, 100 yr
GISS ModelE, via health chain
100
1,000
10,000
Starship launches per year