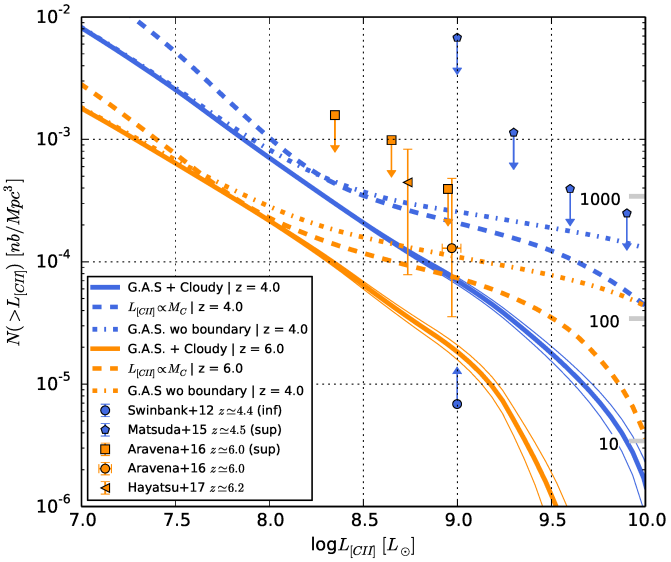
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
7.0
7.5
8.0
8.5
9.0
9.5
10.0
$N(>L_{[CII]})$ $[nb/Mpc^3]$
$\log L_{[CII]}$ $[L_\odot]$
1000
100
10
G.A.S + Cloudy | z = 4.0
$L_{[CII]} \propto M_G$ | z = 4.0
G.A.S. wo boundary | z = 4.0
G.A.S. + Cloudy | z = 6.0
$L_{[CII]} \propto M_G$ | z = 6.0
G.A.S wo boundary | z = 4.0
Swinbank+12 $z \simeq 4.4$ (inf)
Matsuda+15 $z \simeq 4.5$ (sup)
Aravena+16 $z \simeq 6.0$ (sup)
Aravena+16 $z \simeq 6.0$
Hayatsu+17 $z \simeq 6.2$