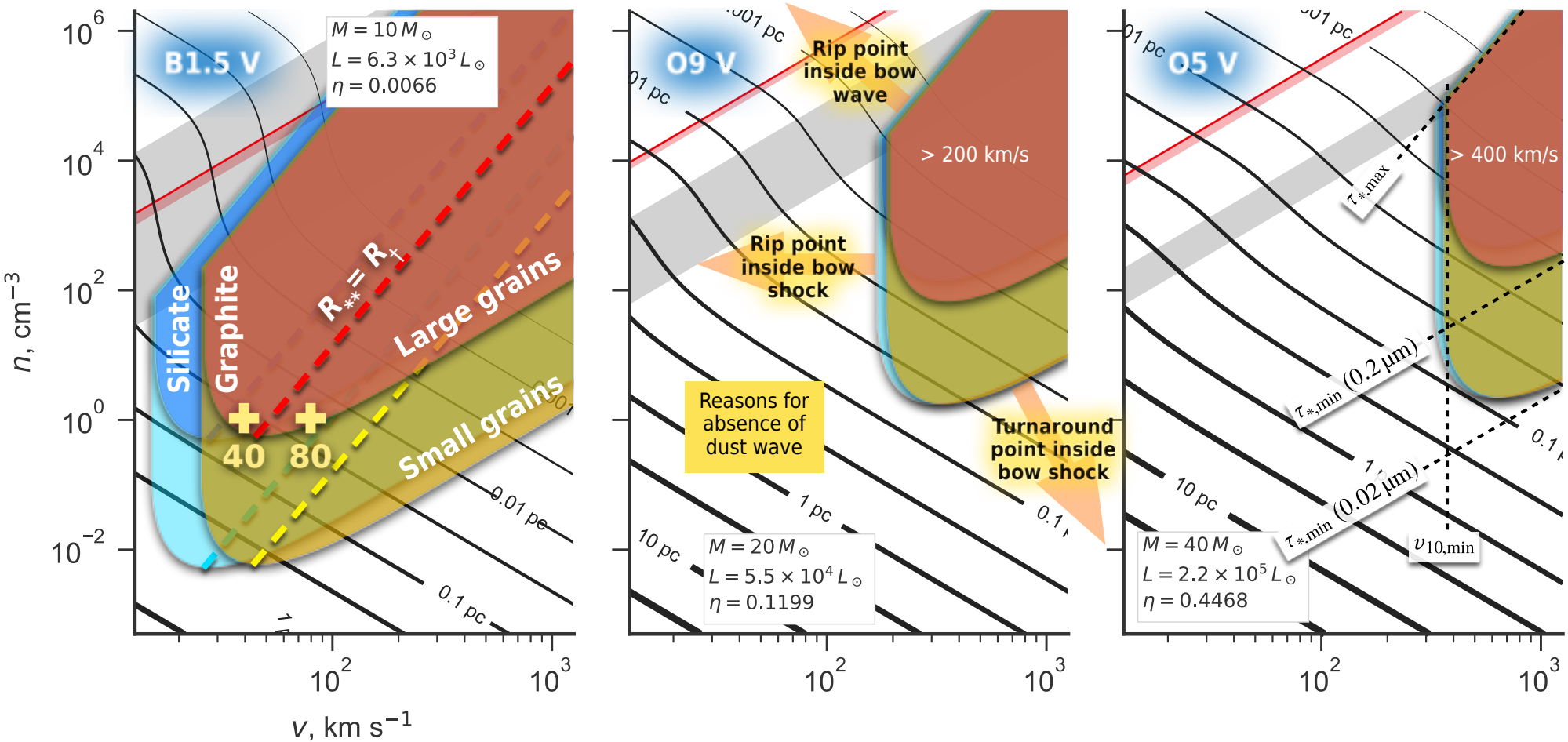
B1.5 V
$M = 10\,M_\odot$
$L = 6.3 \times 10^3\,L_\odot$
$\eta = 0.0066$
Silicate
Graphite
$R_{**} = R_\dagger$
Large grains
Small grains
40
80
0.01 pc
0.1 pc
O9 V
Rip point inside bow wave
> 200 km/s
Rip point inside bow shock
Reasons for absence of dust wave
Turnaround point inside bow shock
1 pc
10 pc
$M = 20\,M_\odot$
$L = 5.5 \times 10^4\,L_\odot$
$\eta = 0.1199$
O5 V
> 400 km/s
$\tau_{*,\max}$
$\tau_{*,\min}$ (0.2 μm)
$\tau_{*,\min}$ (0.02 μm)
$v_{10,\min}$
$M = 40\,M_\odot$
$L = 2.2 \times 10^5\,L_\odot$
$\eta = 0.4468$
n, cm^{-3}
v, km s^{-1}