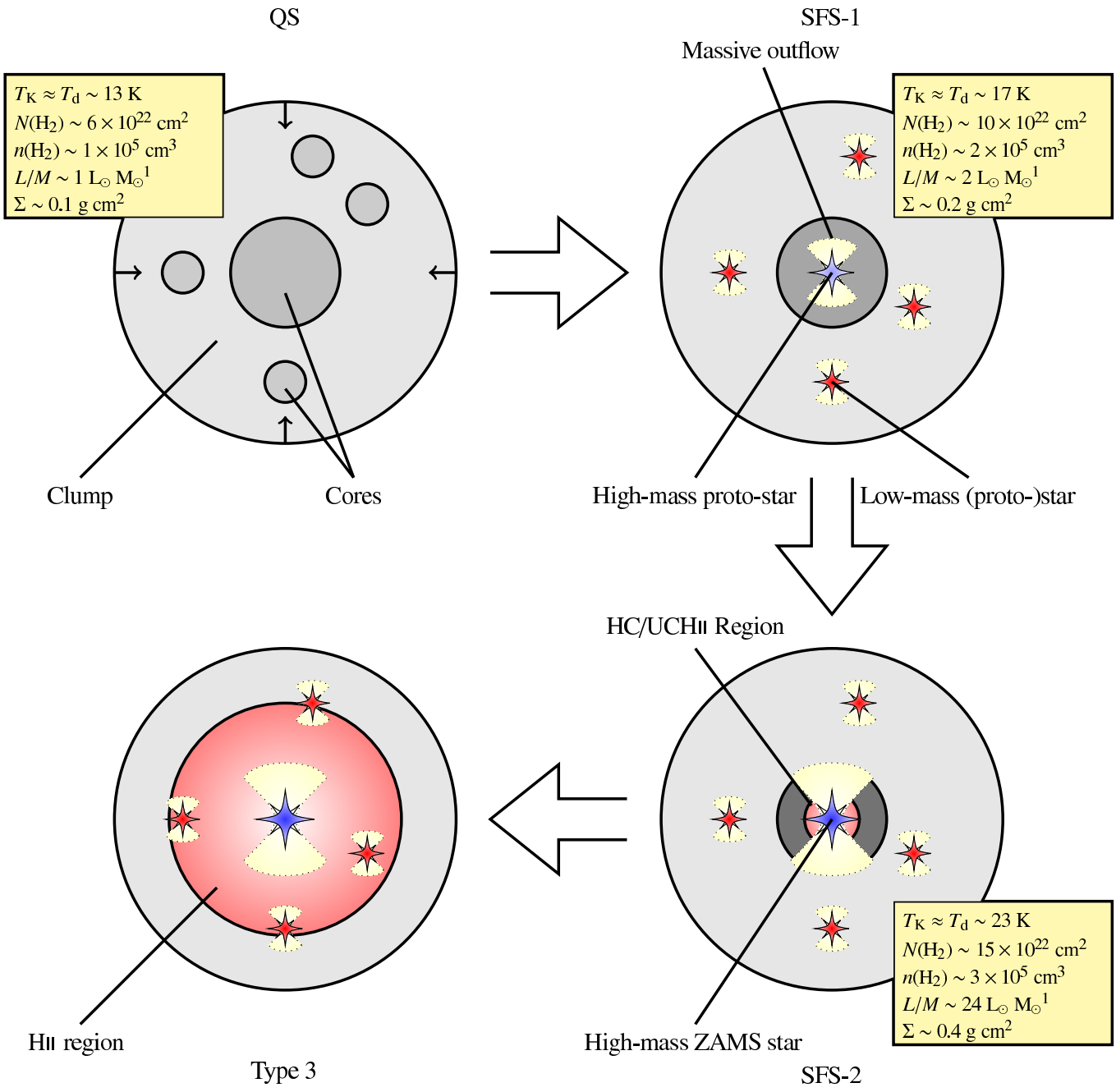
QS
SFS-1
Massive outflow
$T_K \approx T_d \sim 13$ K
$N(H_2) \sim 6 \times 10^{22}$ cm^2
$n(H_2) \sim 1 \times 10^5$ cm^3
$L/M \sim 1$ L$_\odot$ M$_\odot^1$
$\Sigma \sim 0.1$ g cm^2
$T_K \approx T_d \sim 17$ K
$N(H_2) \sim 10 \times 10^{22}$ cm^2
$n(H_2) \sim 2 \times 10^5$ cm^3
$L/M \sim 2$ L$_\odot$ M$_\odot^1$
$\Sigma \sim 0.2$ g cm^2
Clump
Cores
High-mass proto-star
Low-mass (proto-)star
HC/UCHII Region
HII region
High-mass ZAMS star
$T_K \approx T_d \sim 23$ K
$N(H_2) \sim 15 \times 10^{22}$ cm^2
$n(H_2) \sim 3 \times 10^5$ cm^3
$L/M \sim 24$ L$_\odot$ M$_\odot^1$
$\Sigma \sim 0.4$ g cm^2
Type 3
SFS-2