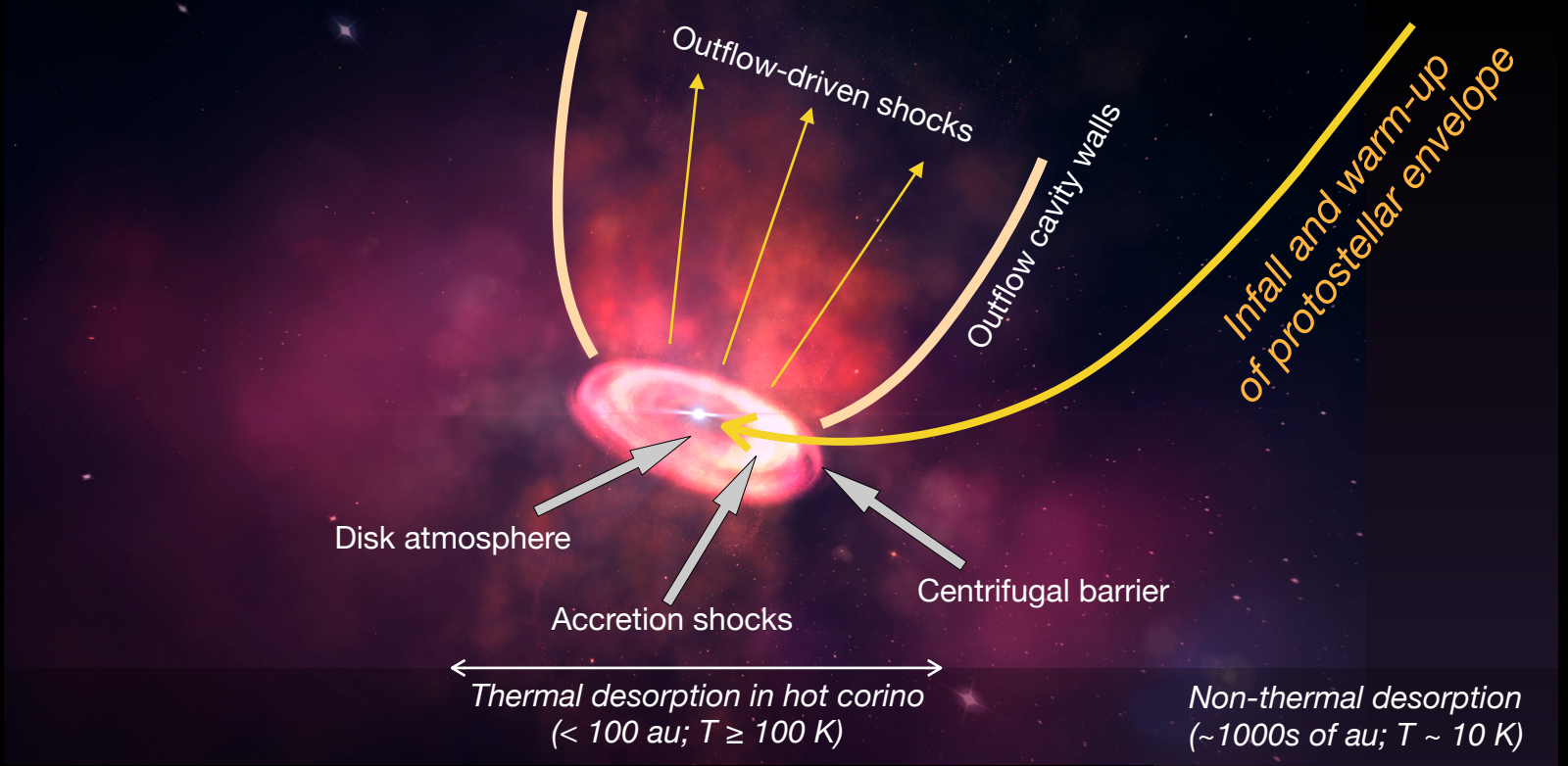
Outflow-driven shocks
Outflow cavity walls
Infall and warm-up of protostellar envelope
Disk atmosphere
Accretion shocks
Centrifugal barrier
Thermal desorption in hot corino
(< 100 au; T ≥ 100 K)
Non-thermal desorption
(~1000s of au; T ~ 10 K)