

$M_{\text{ZAMS,A}}$

$M_{\text{ZAMS,B}}$

1<sup>st</sup> mass transfer

$M_{\text{env,A}}$

$M_{\text{core}}$

$M_{\text{BH,A}}$

$\tilde{M}_B$

2<sup>nd</sup> mass transfer

$M_{\text{BH,A}}$

$M_{\text{BH,B}}$

