Bowshock2

$v_j = 95.00$ km/s
$v_0 = 10.00$ km/s
$v_a = 5.00$ km/s
$L_0 = 0.33$ arcsec
$z_j = 3.00$ arcsec
$r_{b,f} = 0.55$ arcsec
$m = 1.50 \times 10^{-4}$ $M_\odot$
$t_j = 44.91$ yr
$\rho_a = 36.31 \times 10^{-20}$ g cm^{-3}
$\dot{m}_0 = 1.07 \times 10^{-6}$ $M_\odot$ yr^{-1}
$\dot{m}_{a,f} = 0.99 \times 10^{-6}$ $M_\odot$ yr^{-1}