

Jason Tumlinson (+ Jessica Wnek + ...)

$\leq 160 \text{ kpc}$

L_b^* budget

$\times f_b \approx 0.16/0.17$

stars 24% ≈ 0.04

CGM 50% ≈ 0.085

Hot Corona 10% 0.017

(x) ISM 3% 0.005

["other" $\sim 13\%$] $(0.15 \pm)$

$\sim 87\%$

$R_{vir} (L^* \sim MW)$

$\approx 300 \text{ kpc}$

$M \sim 2-3 \cdot 10^{12} M_\odot$

$\frac{M^*}{M} \approx \frac{2.3 \cdot 10^{10}}{2 \cdot 10^{12}} \approx 1\%$

$M^*/L_i \approx 1.5$

$M/L \approx 100-150$

$M^*/M \approx 1-1.5\%$

