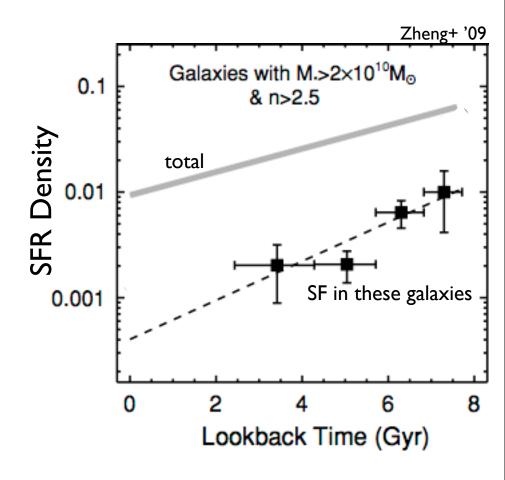
Kormendy 'I I 10 Disk M_{κ} 8 log M_●/M_© 4 (a) 10 Bulge M_k 9 log M_●/M_☉ 6 (b) -26 -18 -20 -22 -24 M_{K}

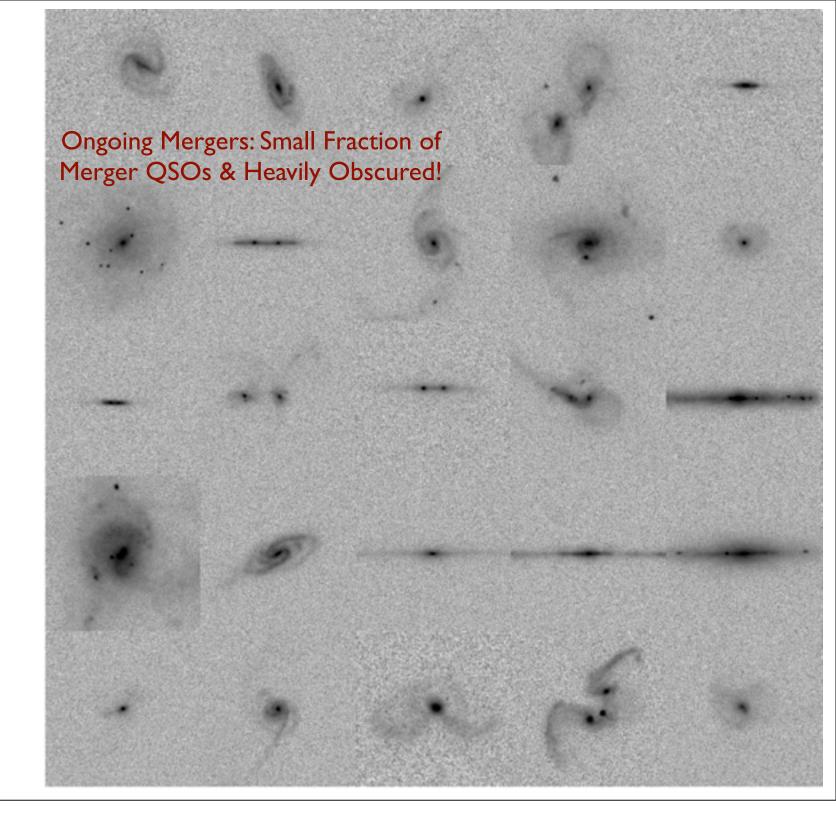
Star Formation & BH Growth Are *NOT* Strictly Co-Eval

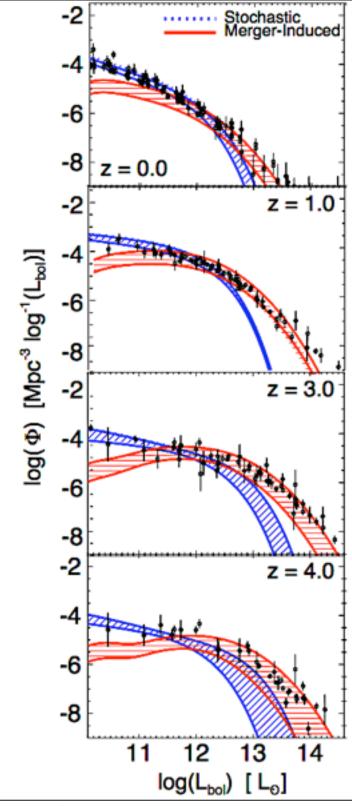


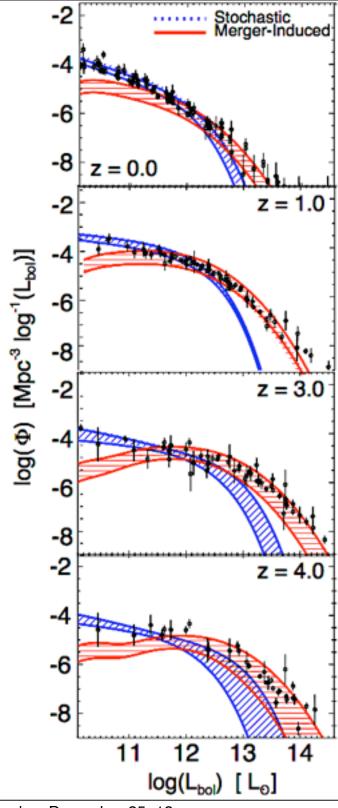
Should We See Merger-AGN Signatures?

000	001	002	003	004
		•		
005	006	007	008	009
010	011	012	013	014
	10000			
015	016	017	018	019
6	.*			
020	021	022	023	024

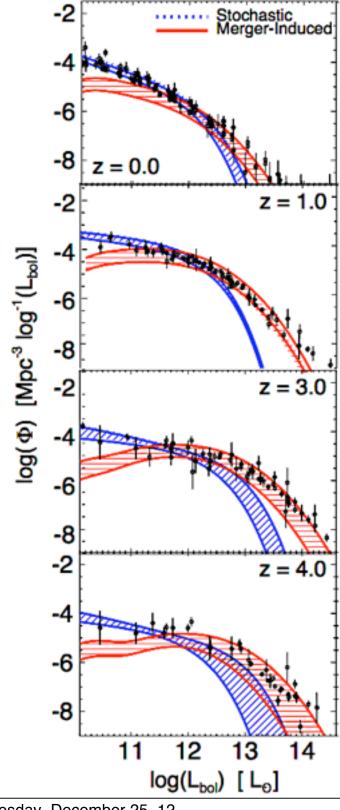
Should We See Merger-AGN Signatures?





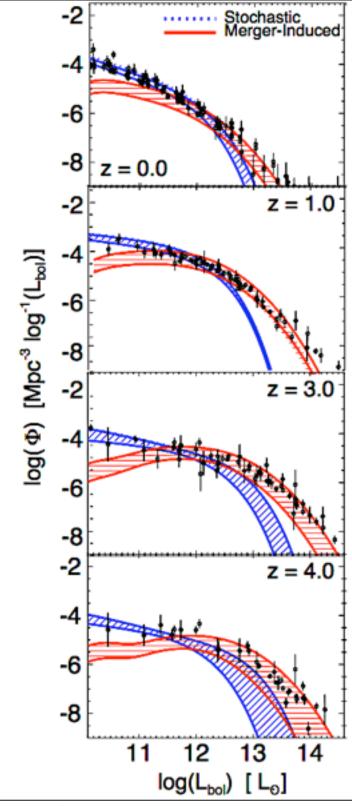


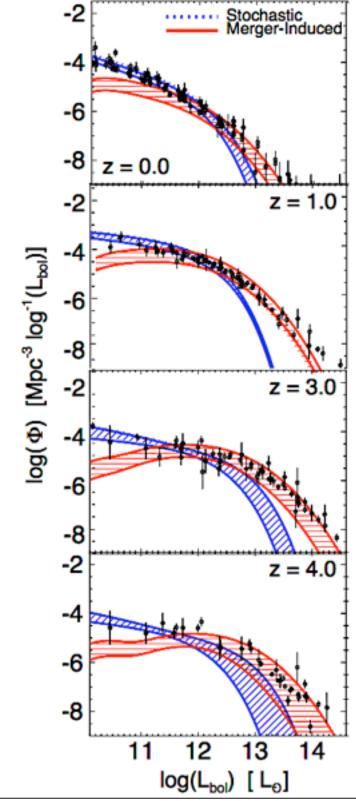
Are the observations a problem for merger models?

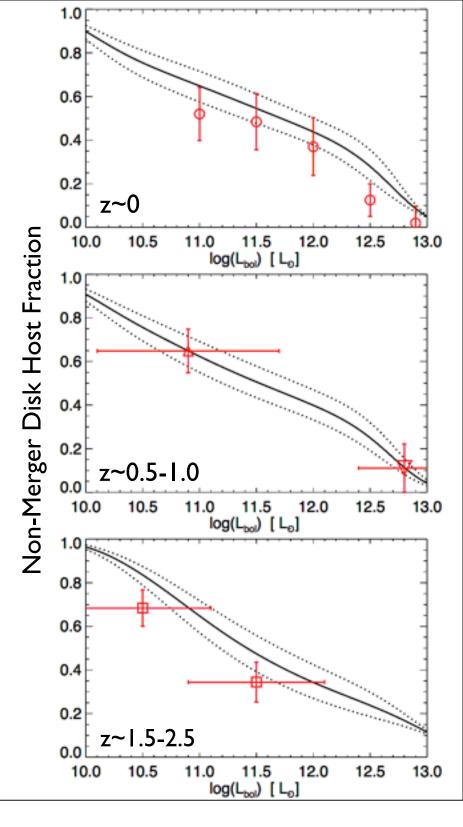


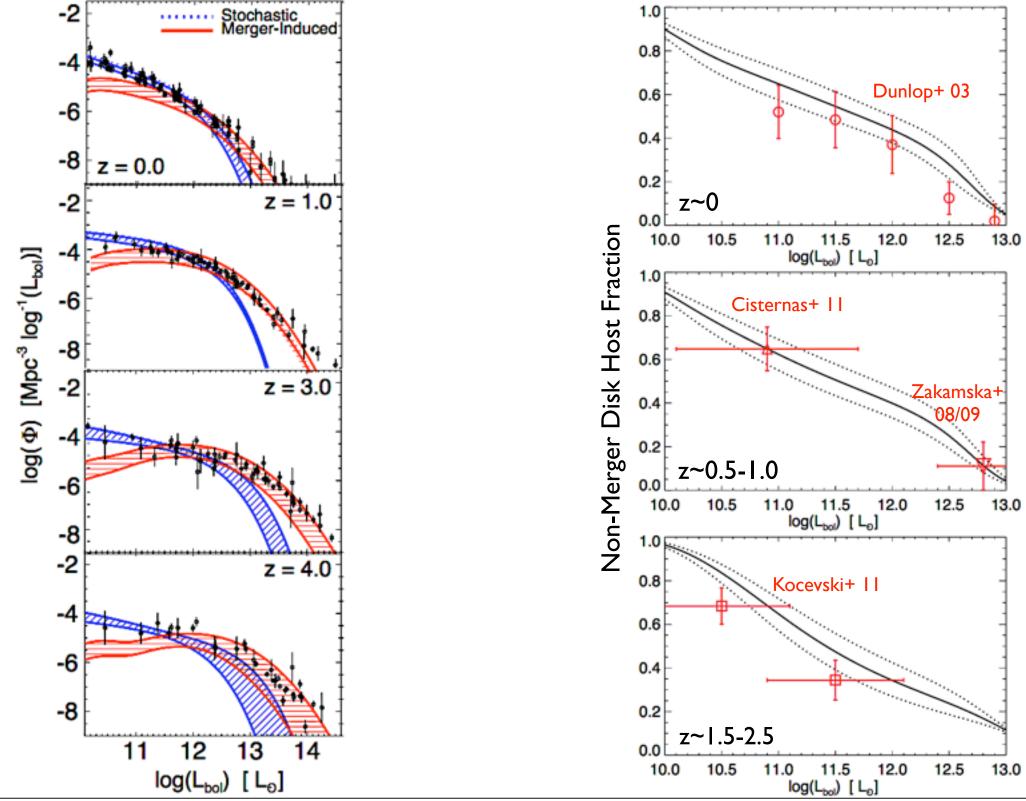
Are the observations a problem for merger models?

Are we mapping the stochastic-merger transition (without realizing it)?

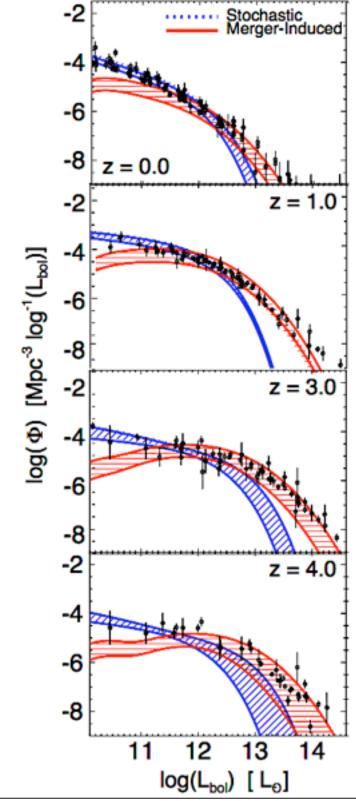


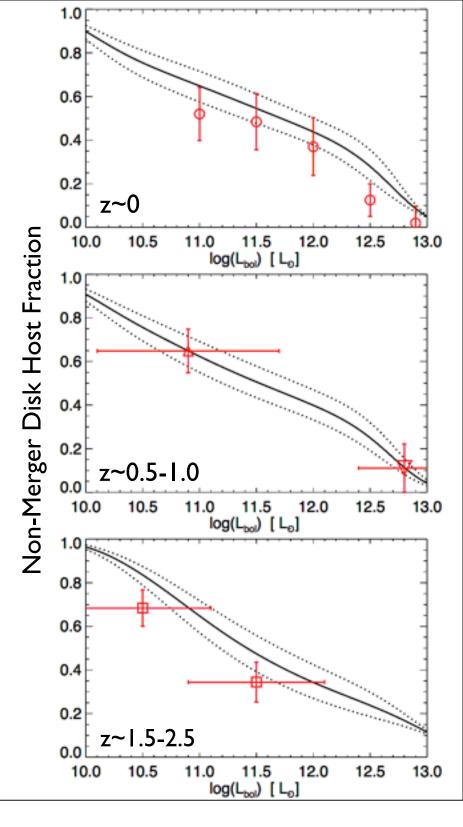


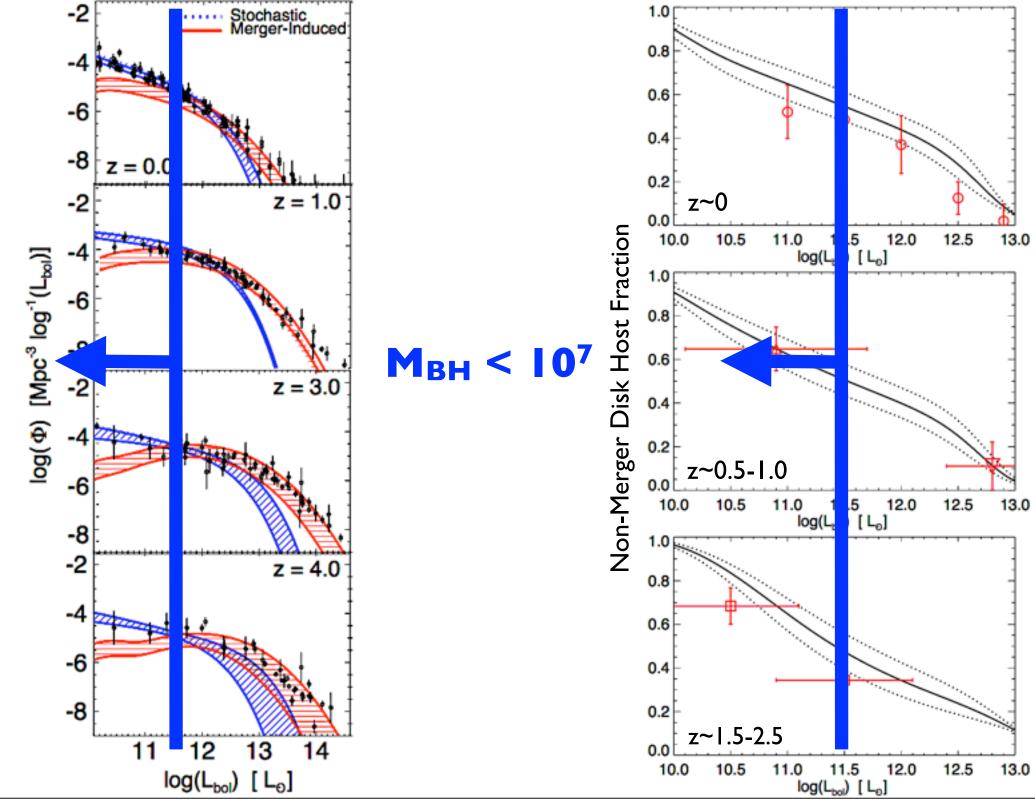


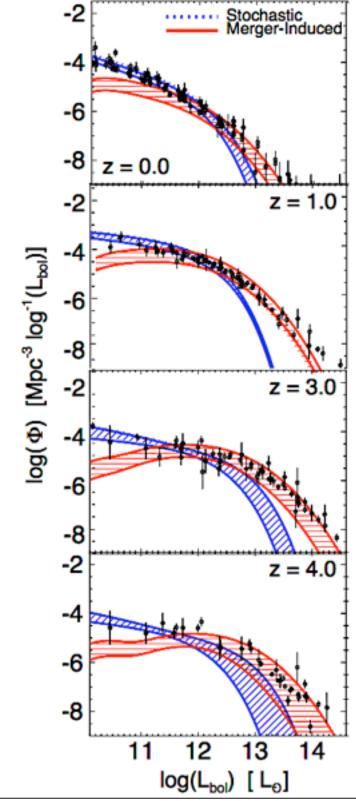


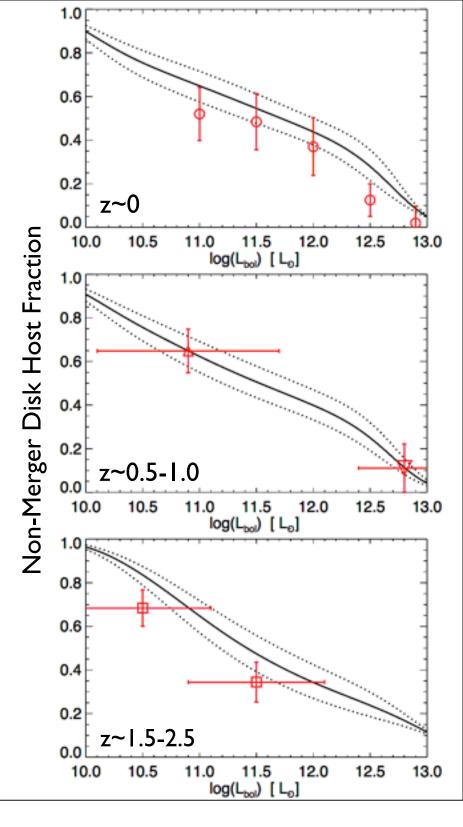
Tuesday, December 25, 12

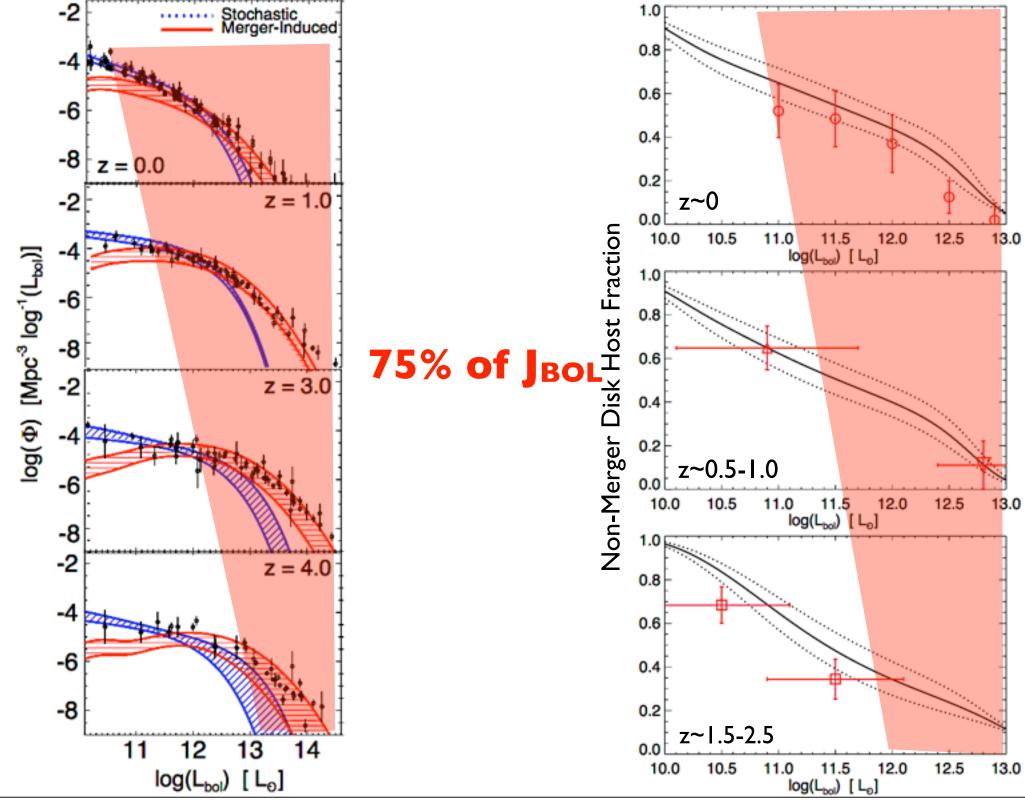


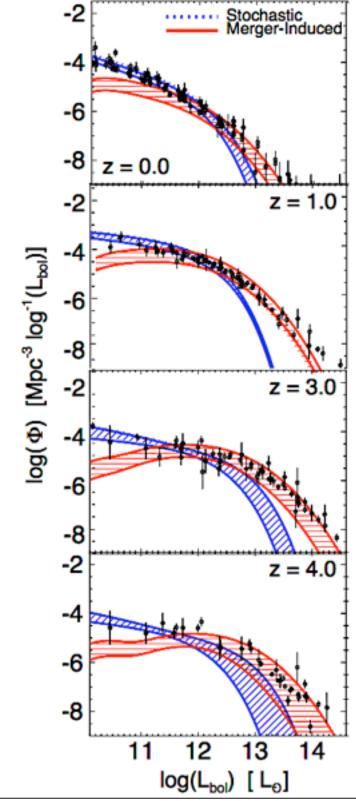


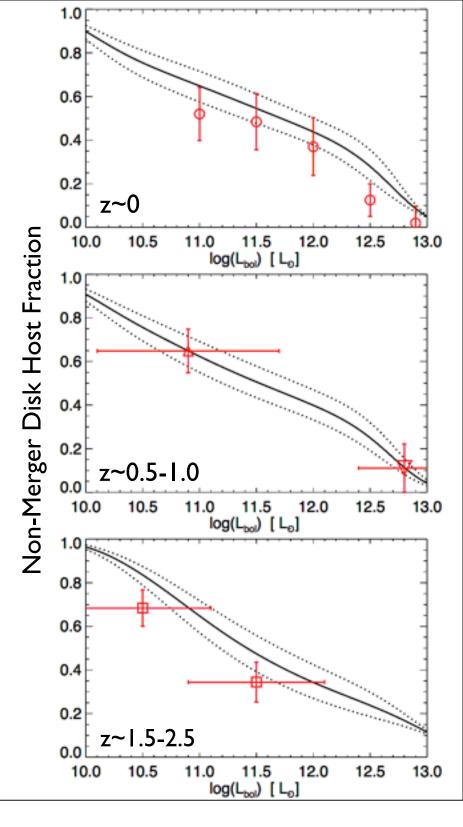


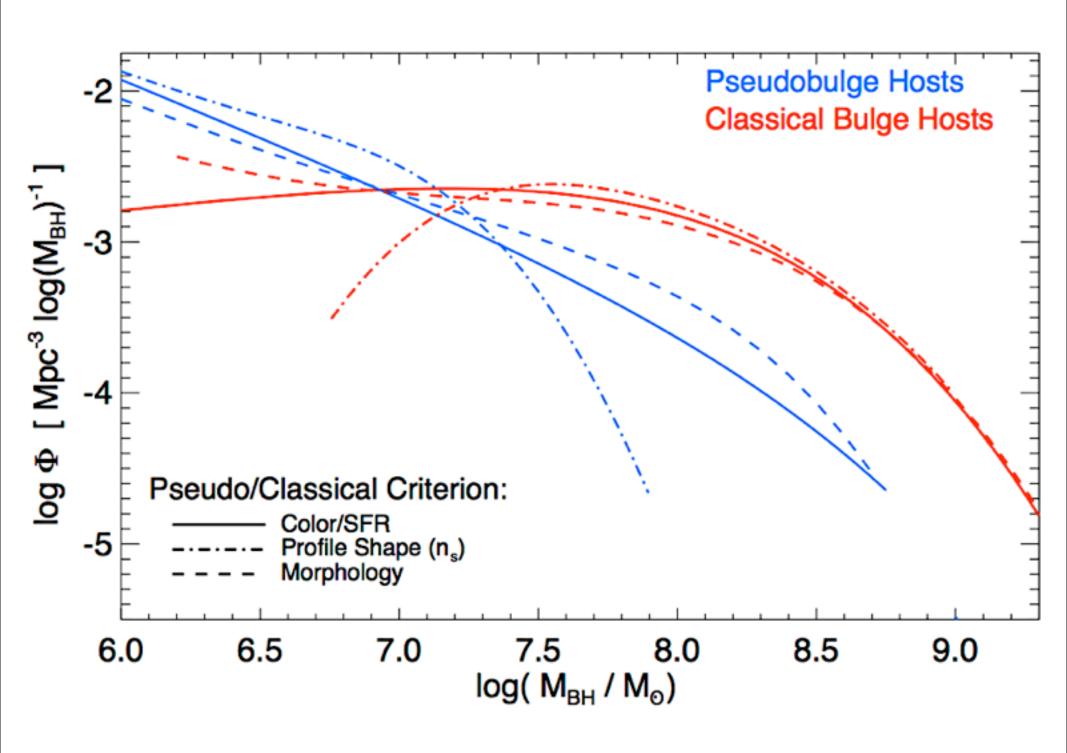


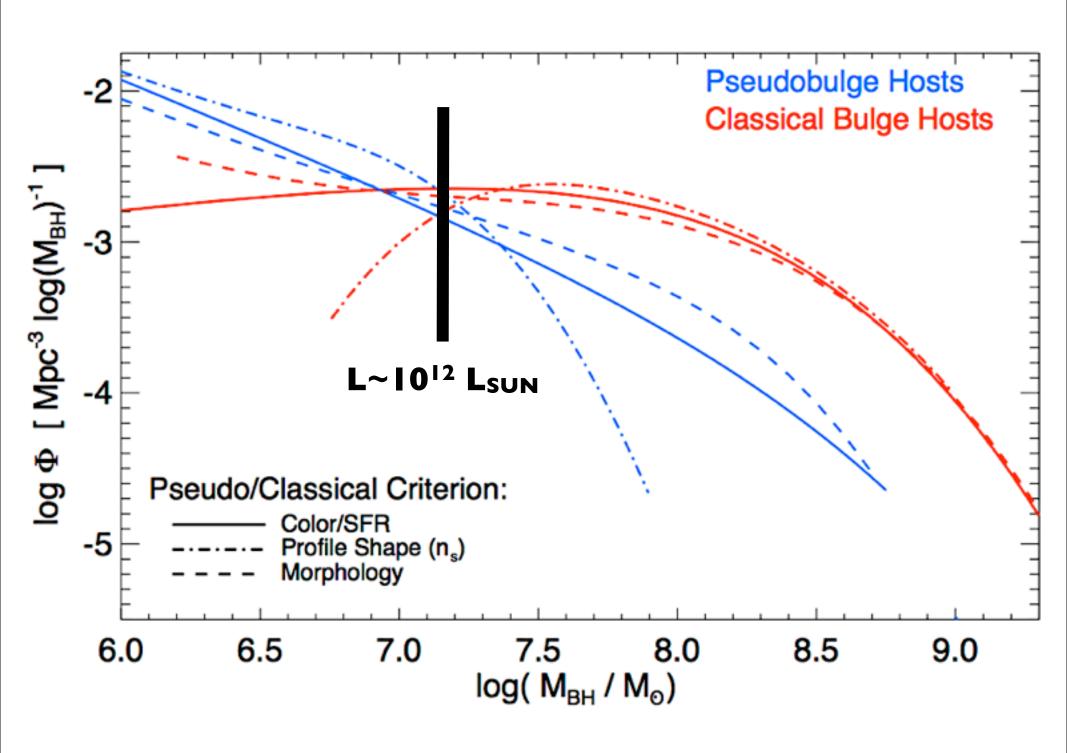


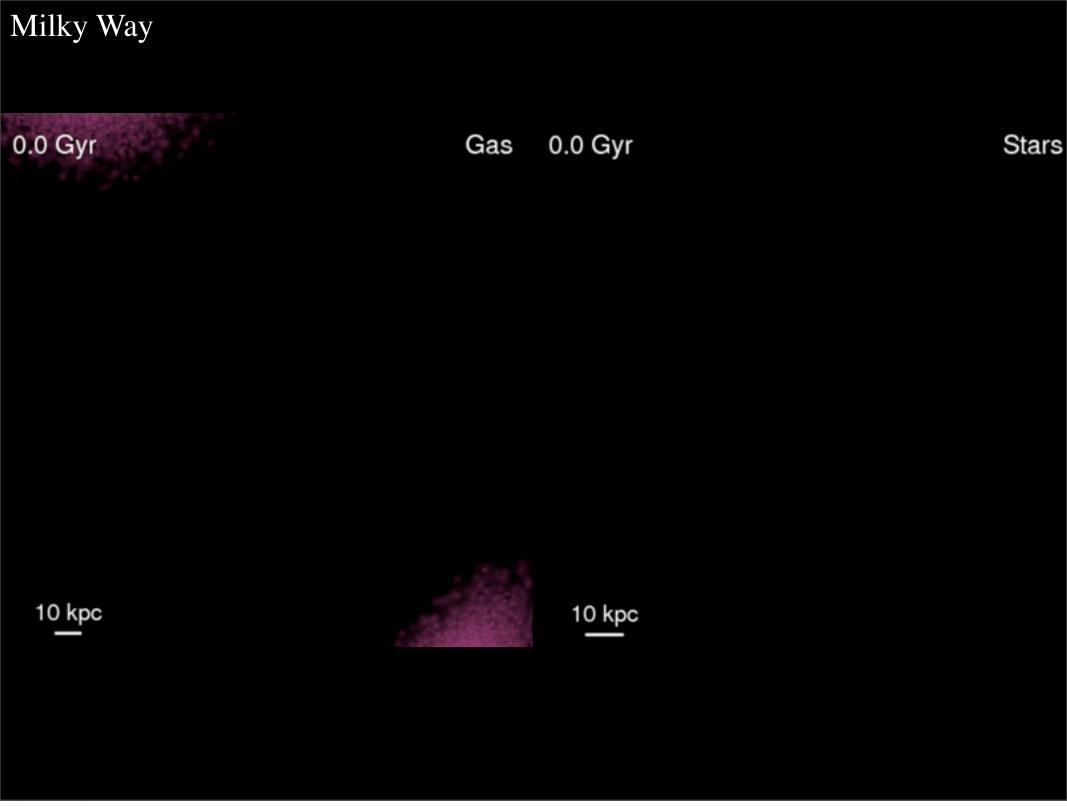




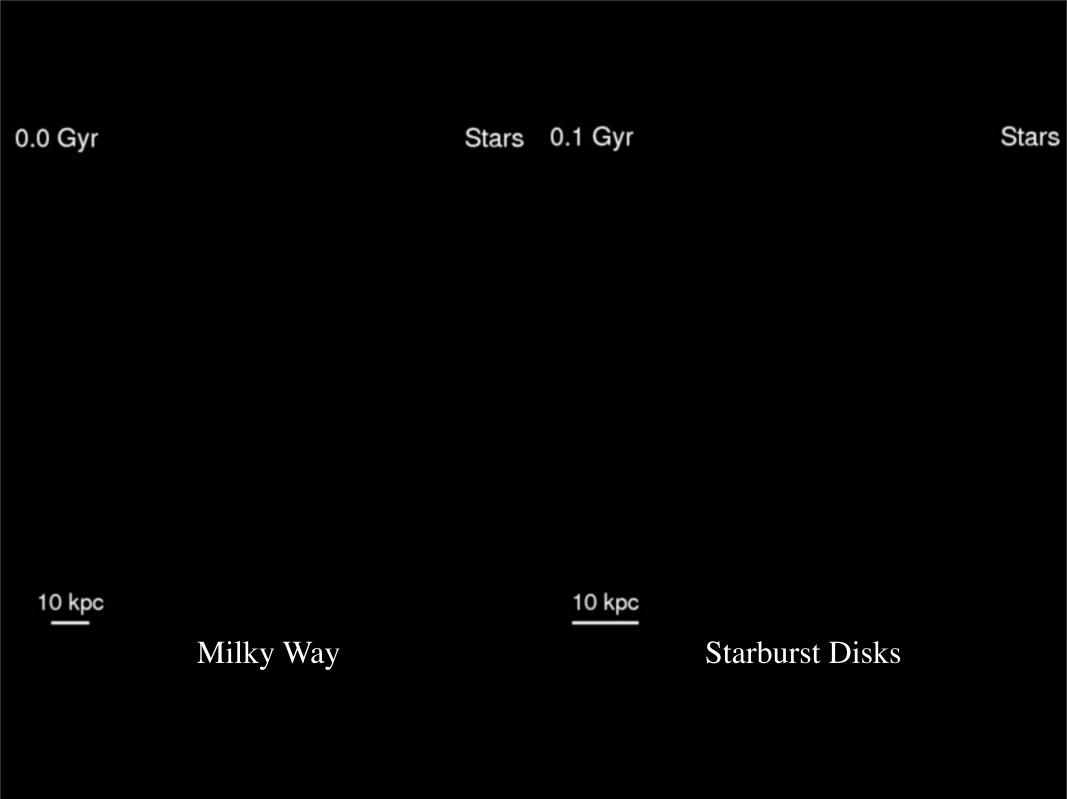


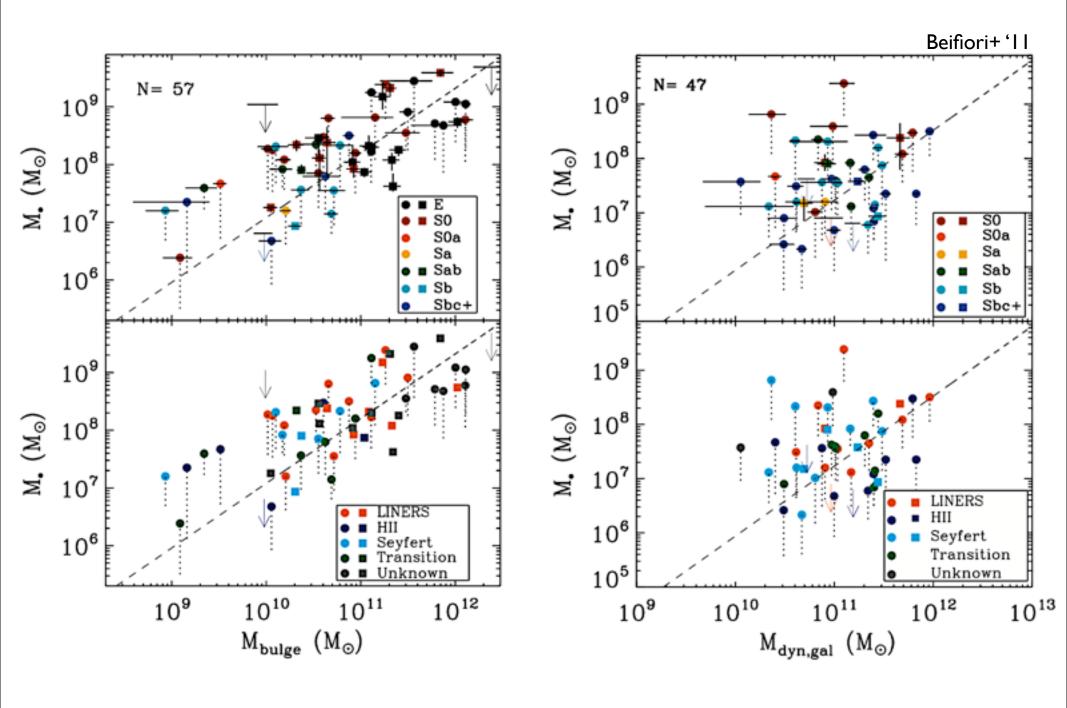


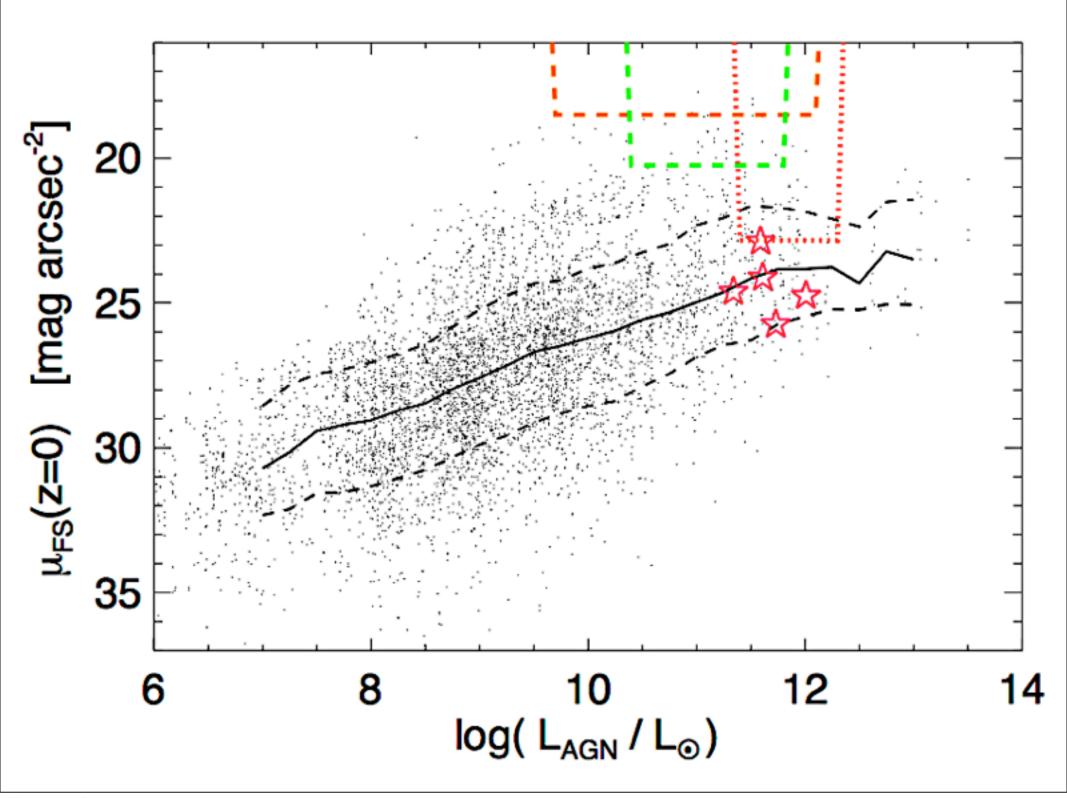










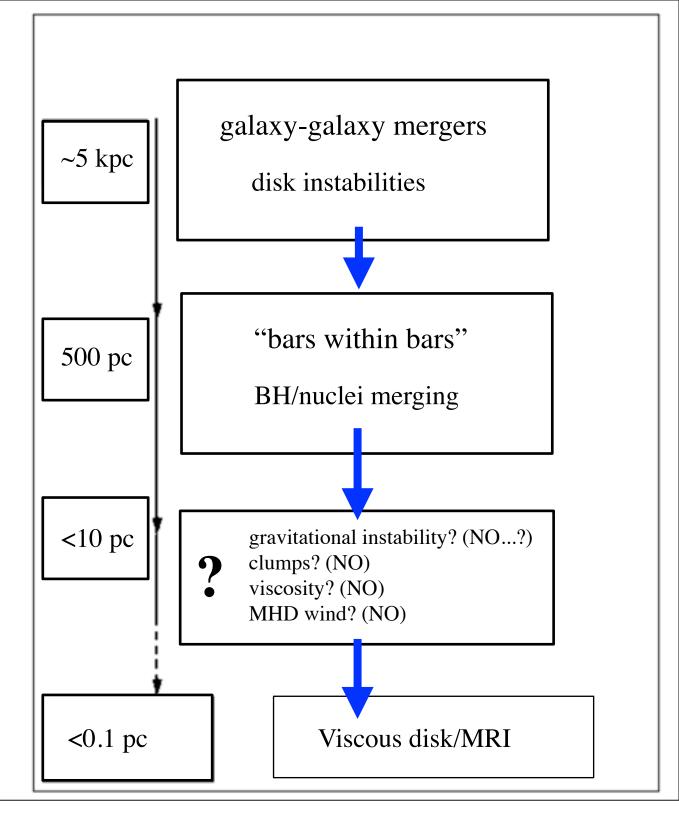


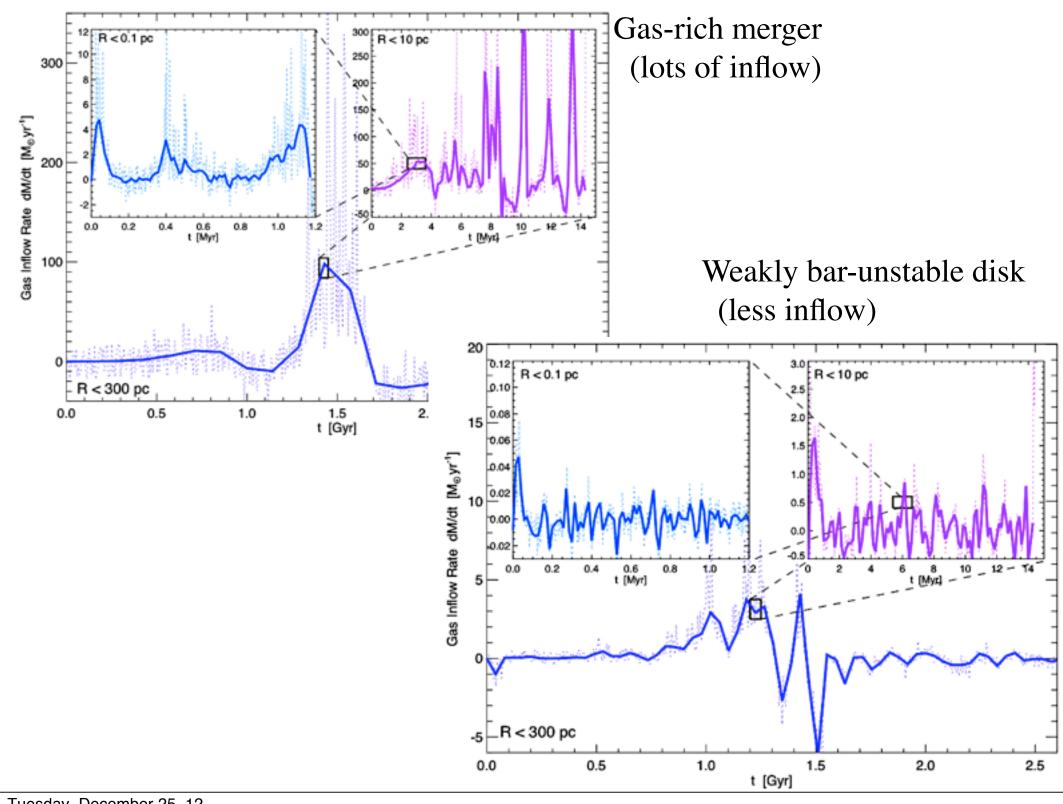
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020	021	022	023	024

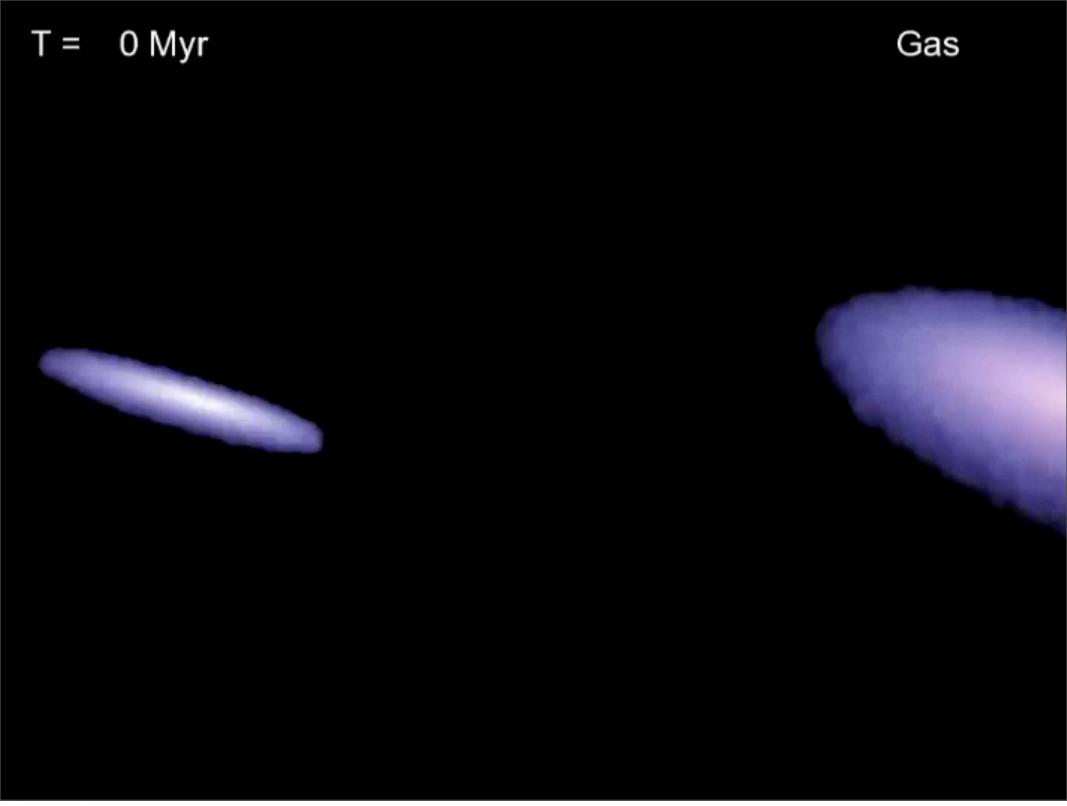
• Focus: Most luminous QSOs (~1-10 M_{sun}/yr)

• 'Bottleneck' at <10-50pc: BH begins to dominate the potential

(e.g. Goodman et al., Jogee et al., Martini et al.)

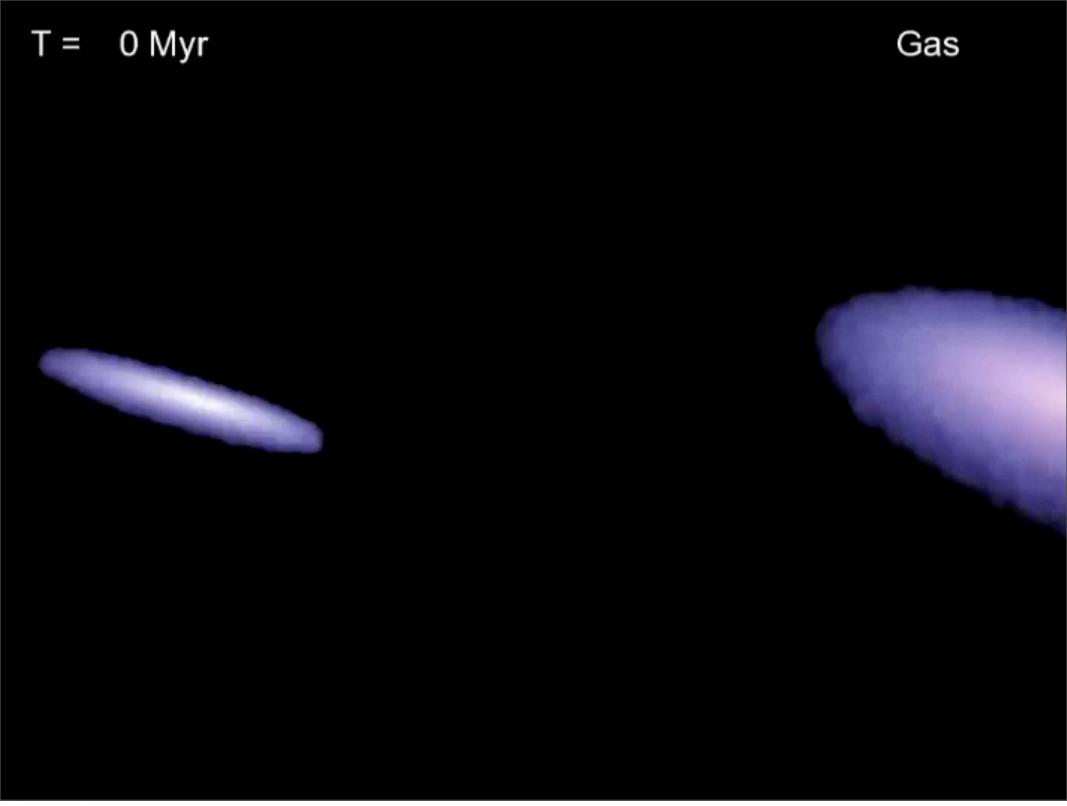




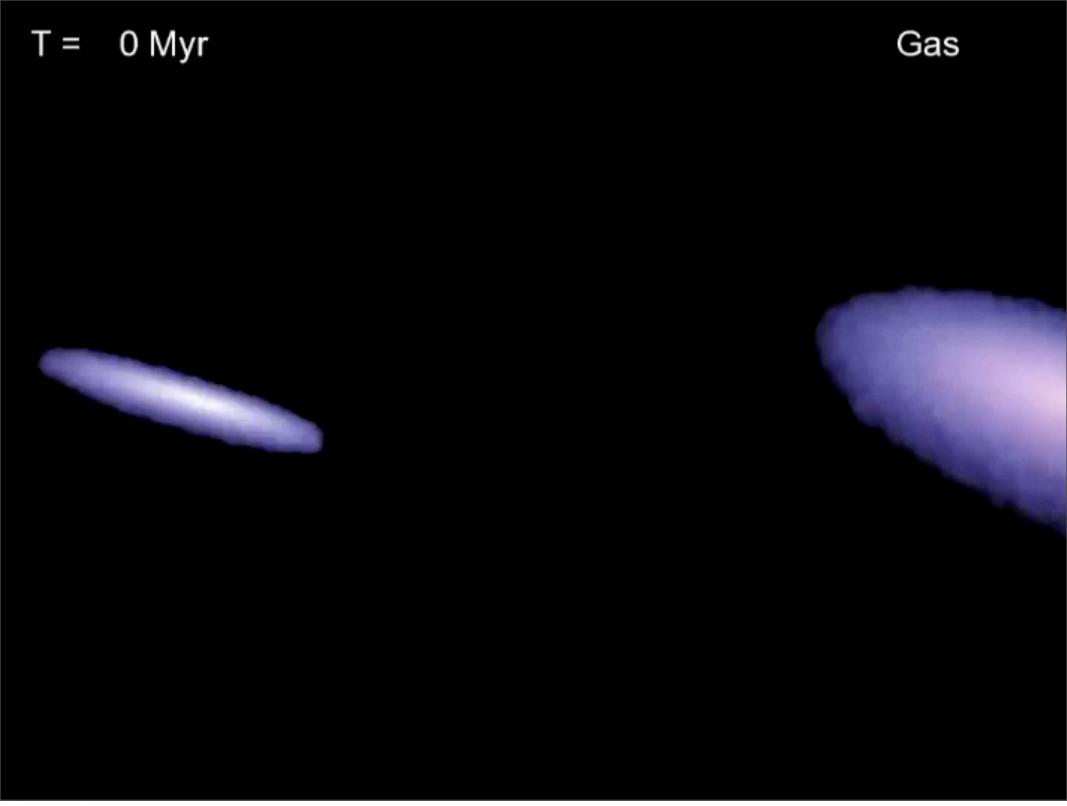


T = 0 MyrGas Tidal torques ⇒ large, rapid gas inflows (e.g. Barnes & Hernquist 1991)

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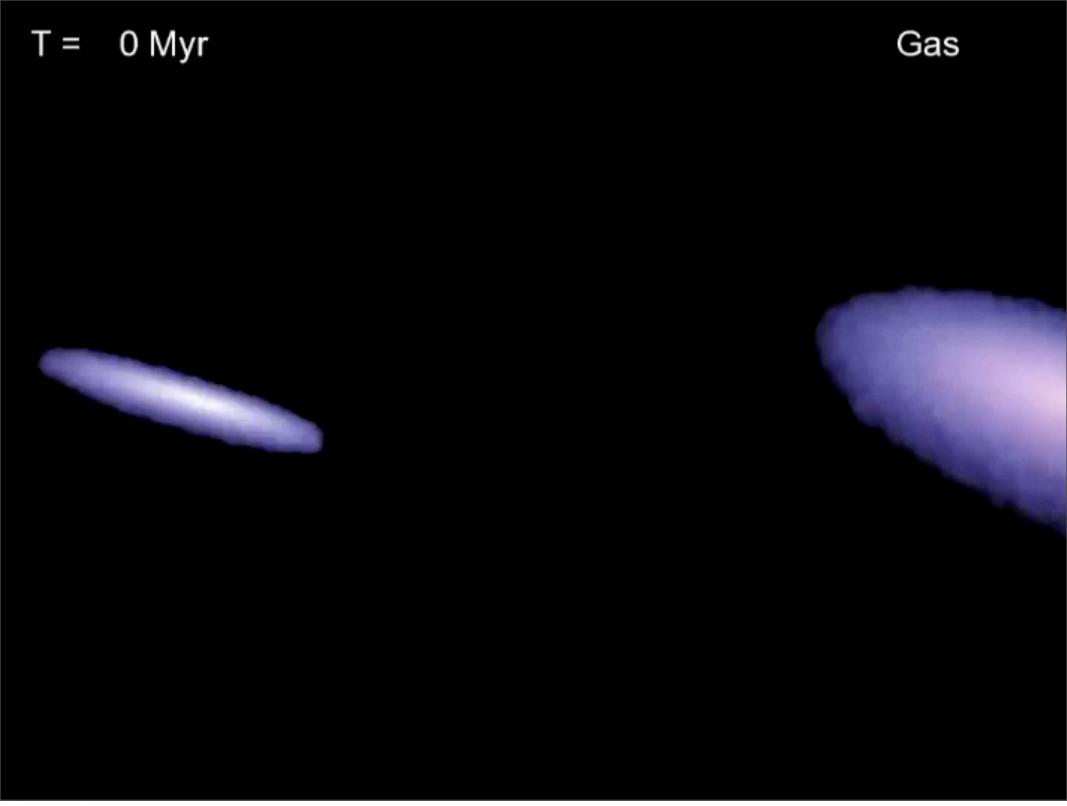


T = 0 MyrGas Triggers Starbursts (e.g. Mihos & Hernquist 1996)





Tuesday, December 25, 12





Tuesday, December 25, 12

