

Galaxy Name	Halo Mass	Disk Mass	Bulge Mass	Baryon Fraction	Total Mass
Milky Way	1.974925	0.075	0.010005	0.0412659653483	2.05993
M31	1.92088	0.12	0.01904997	0.0675022801867	2.05992997
M33	0.186613	0.0093	0.0	0.0474700504816	0.195913

1. They’re pretty similar. The halo mass dominates.
 2. M31 has a little more stellar mass, so i would expect it to be brighter.
 3. They aren’t much different. That would have been surprising before class.
 4. I don’t really know. Maybe it’s because galaxies represent dark matter clusters that are denser relative to the baryonic matter clusters.
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