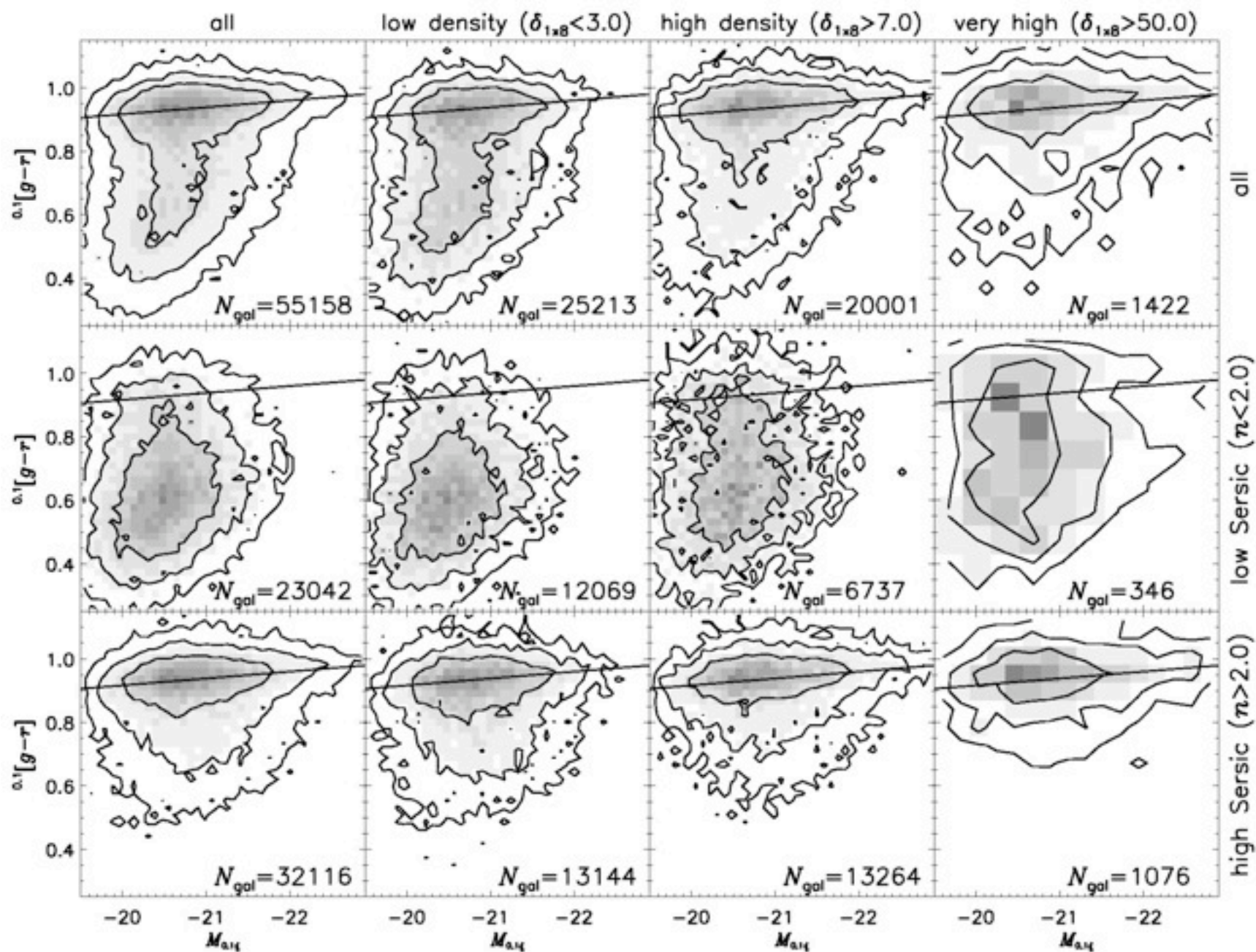
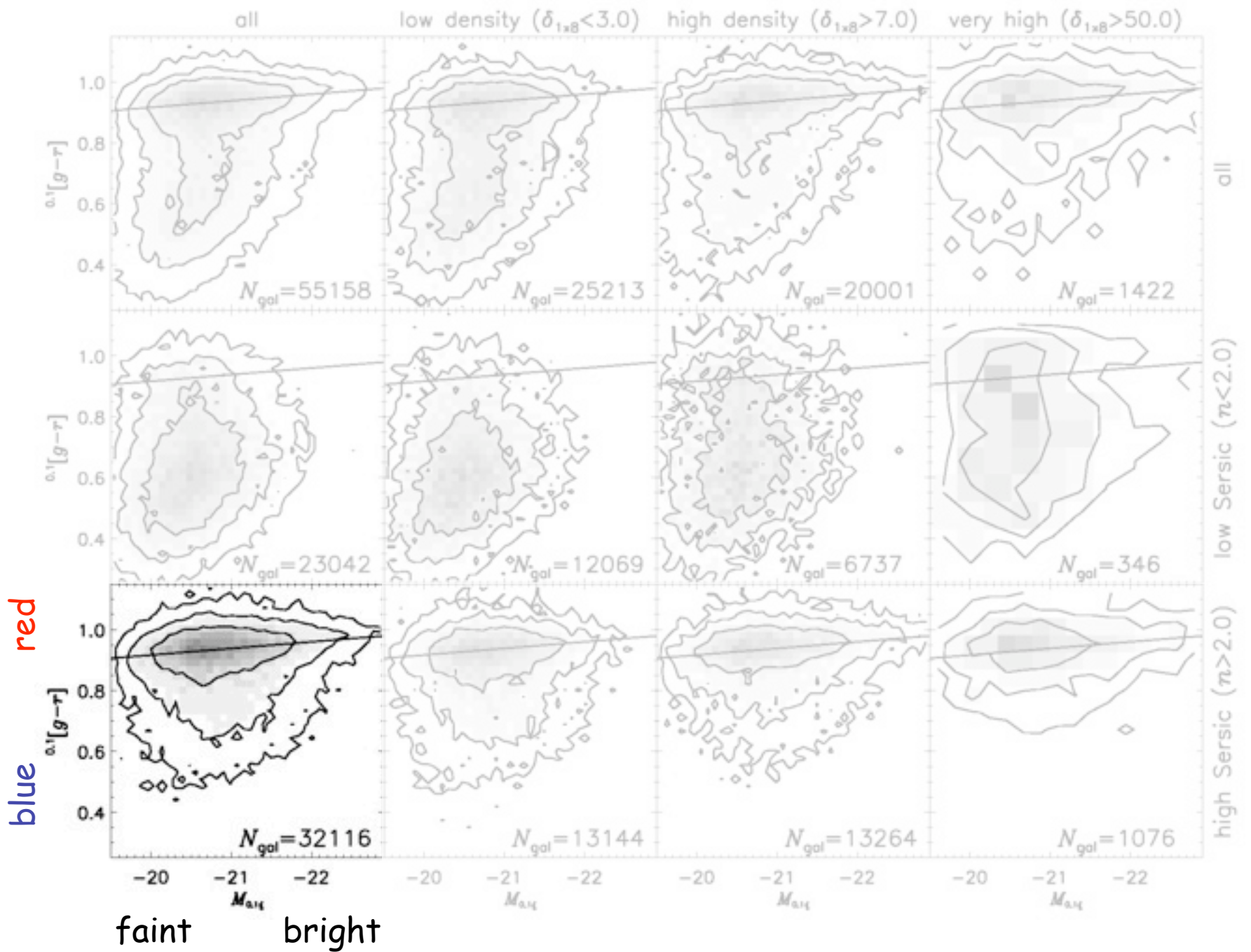


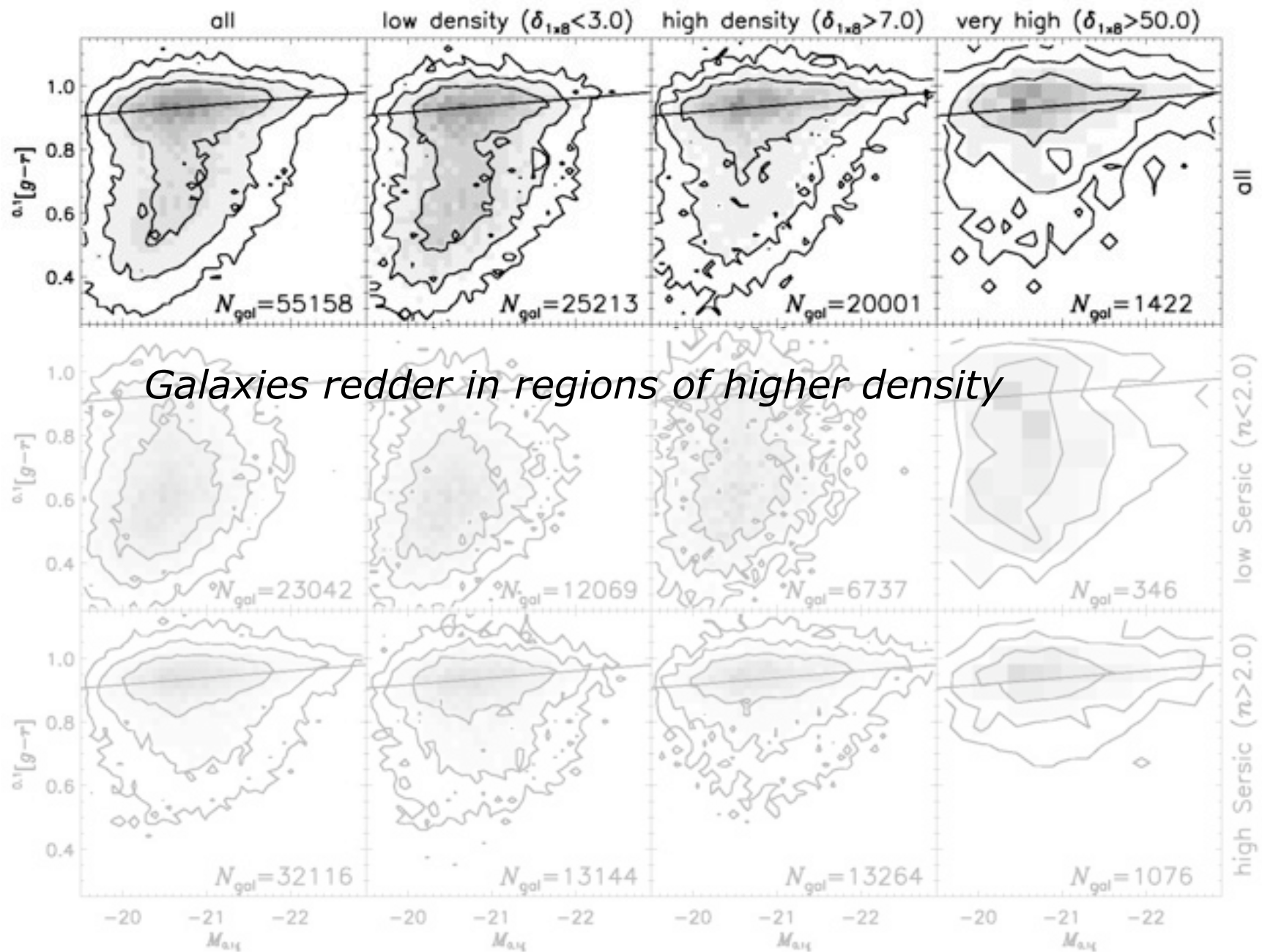
Astro 220b: Galaxies and cosmology

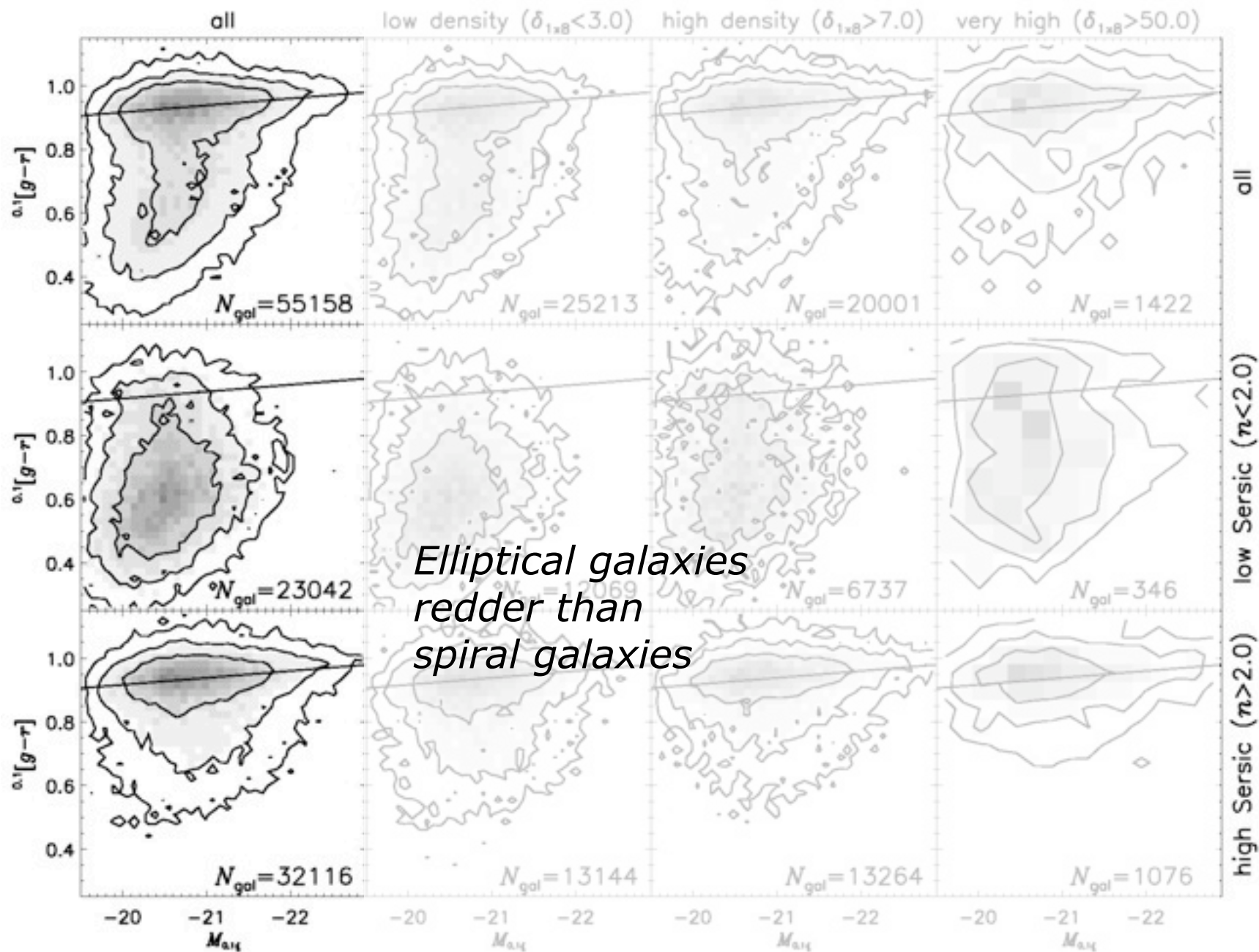


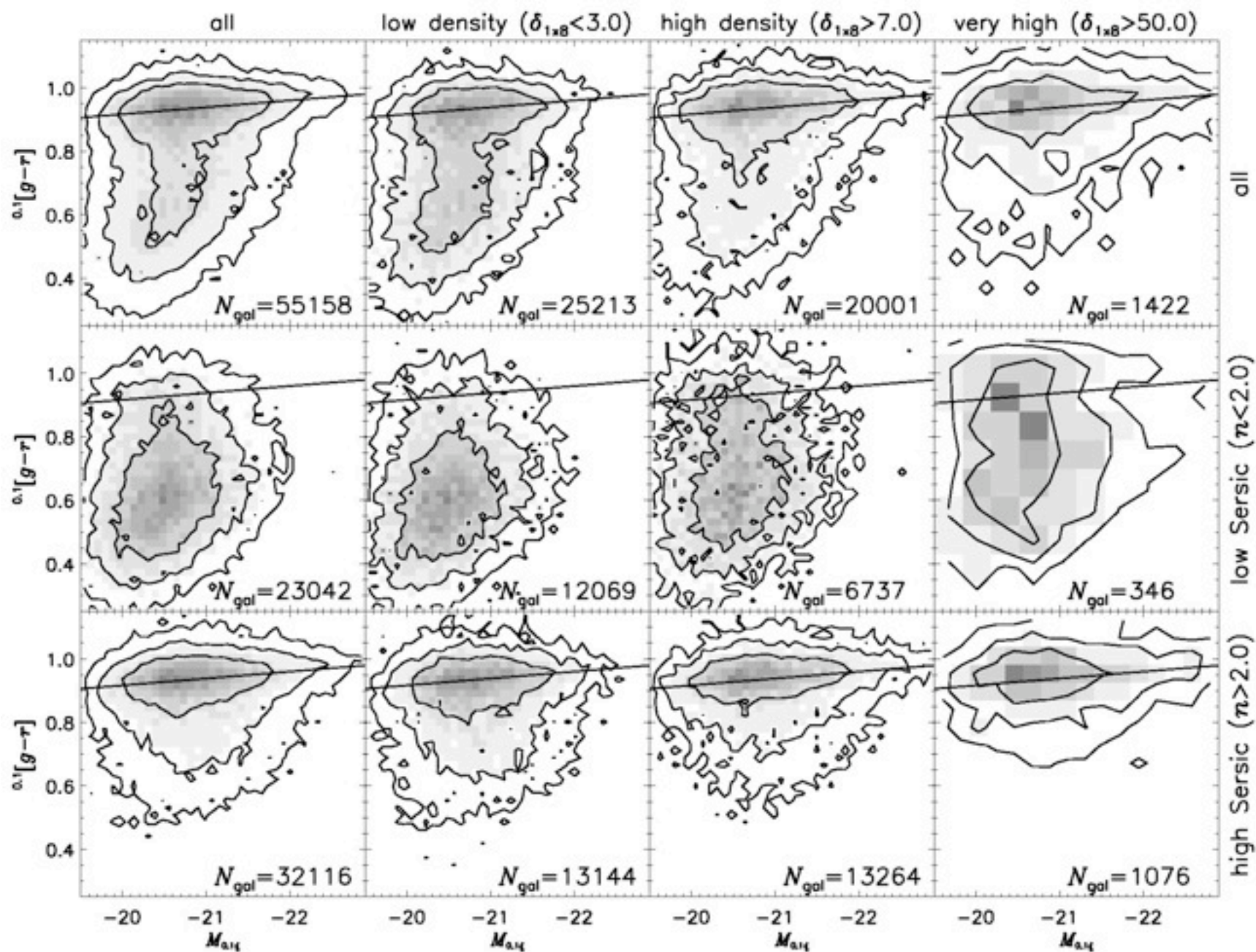
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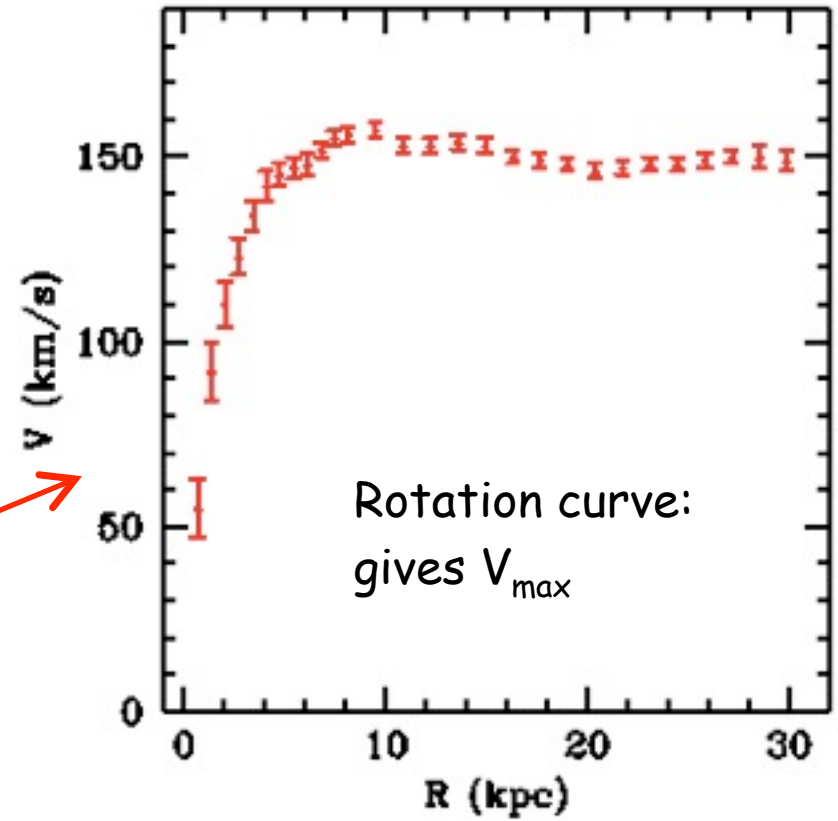
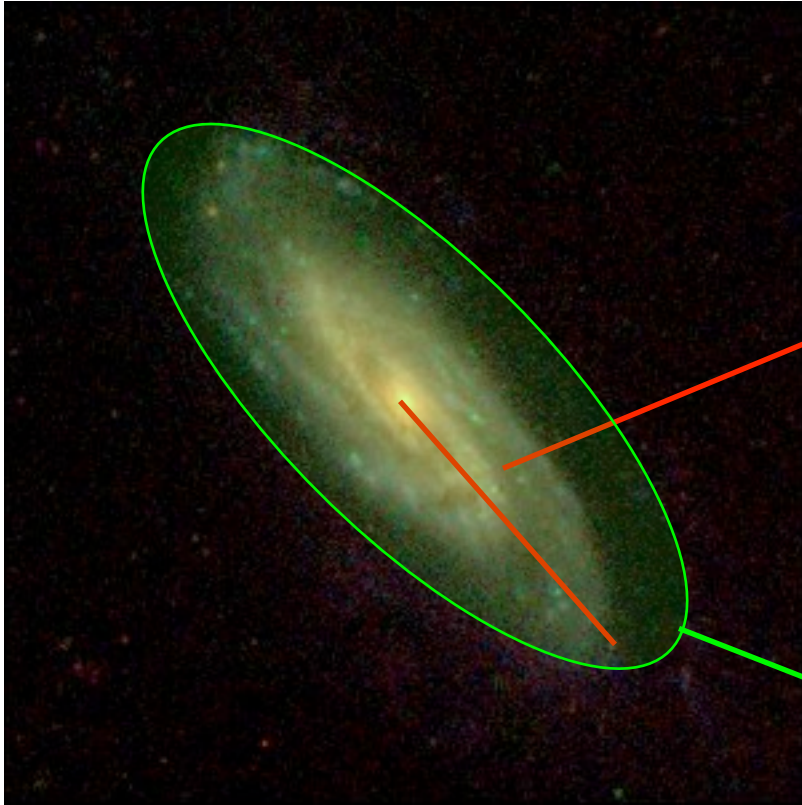




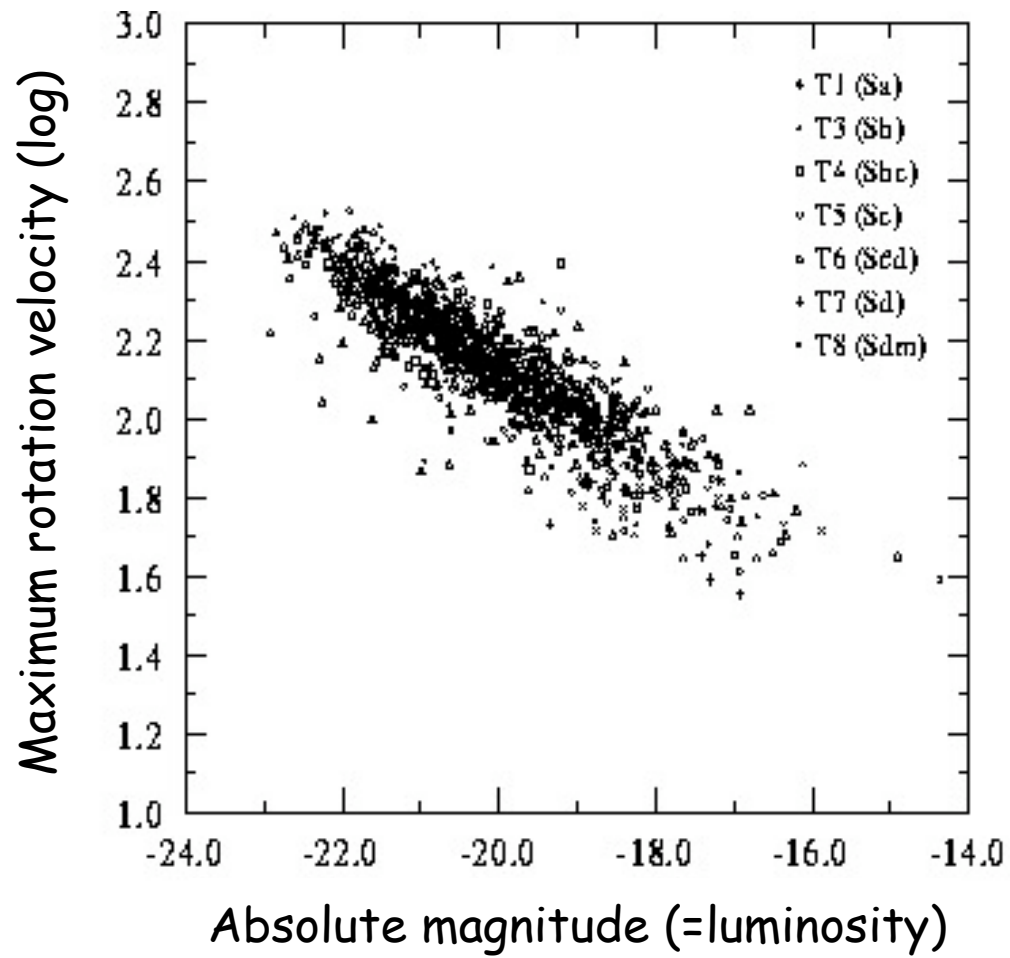


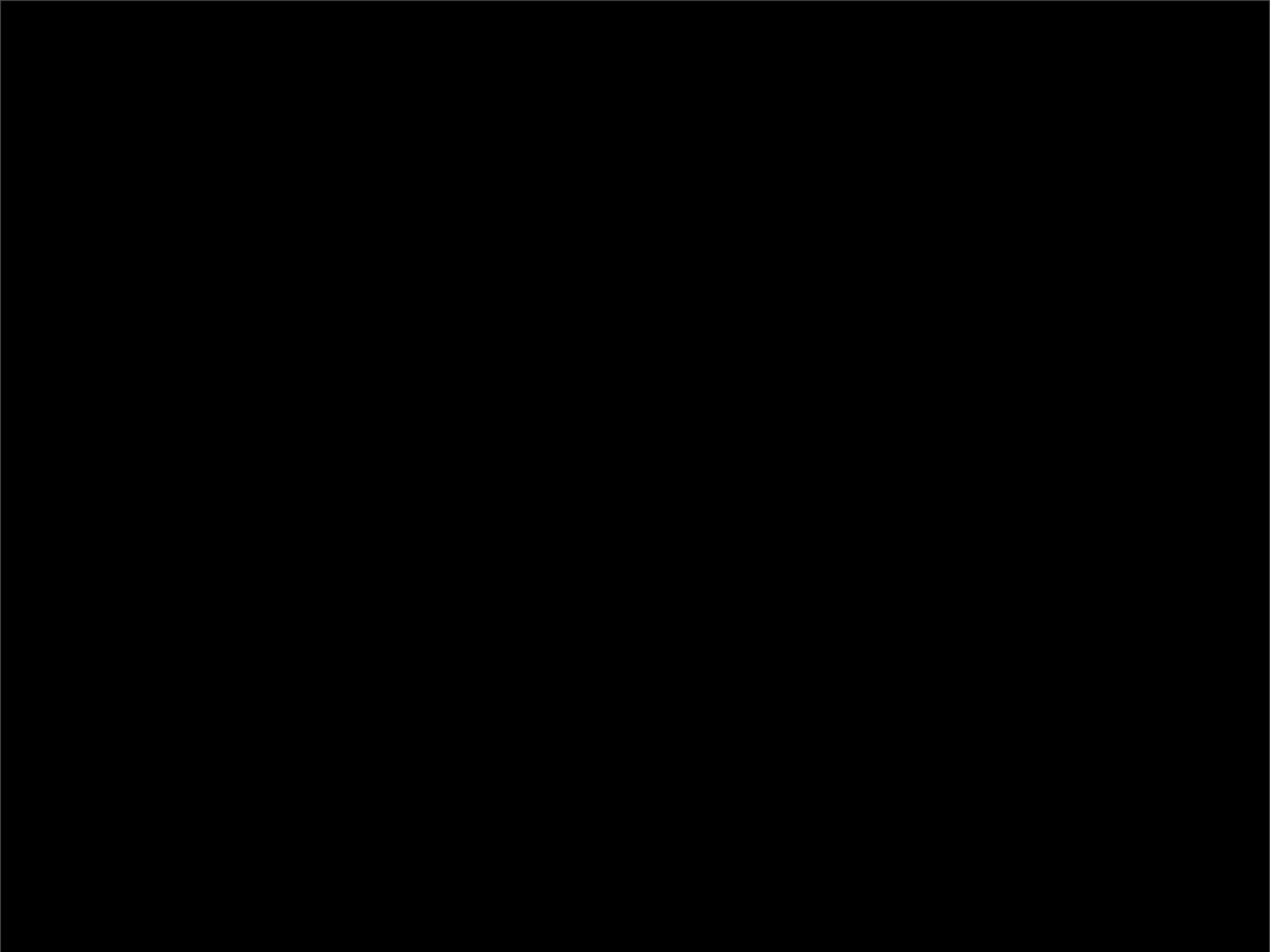


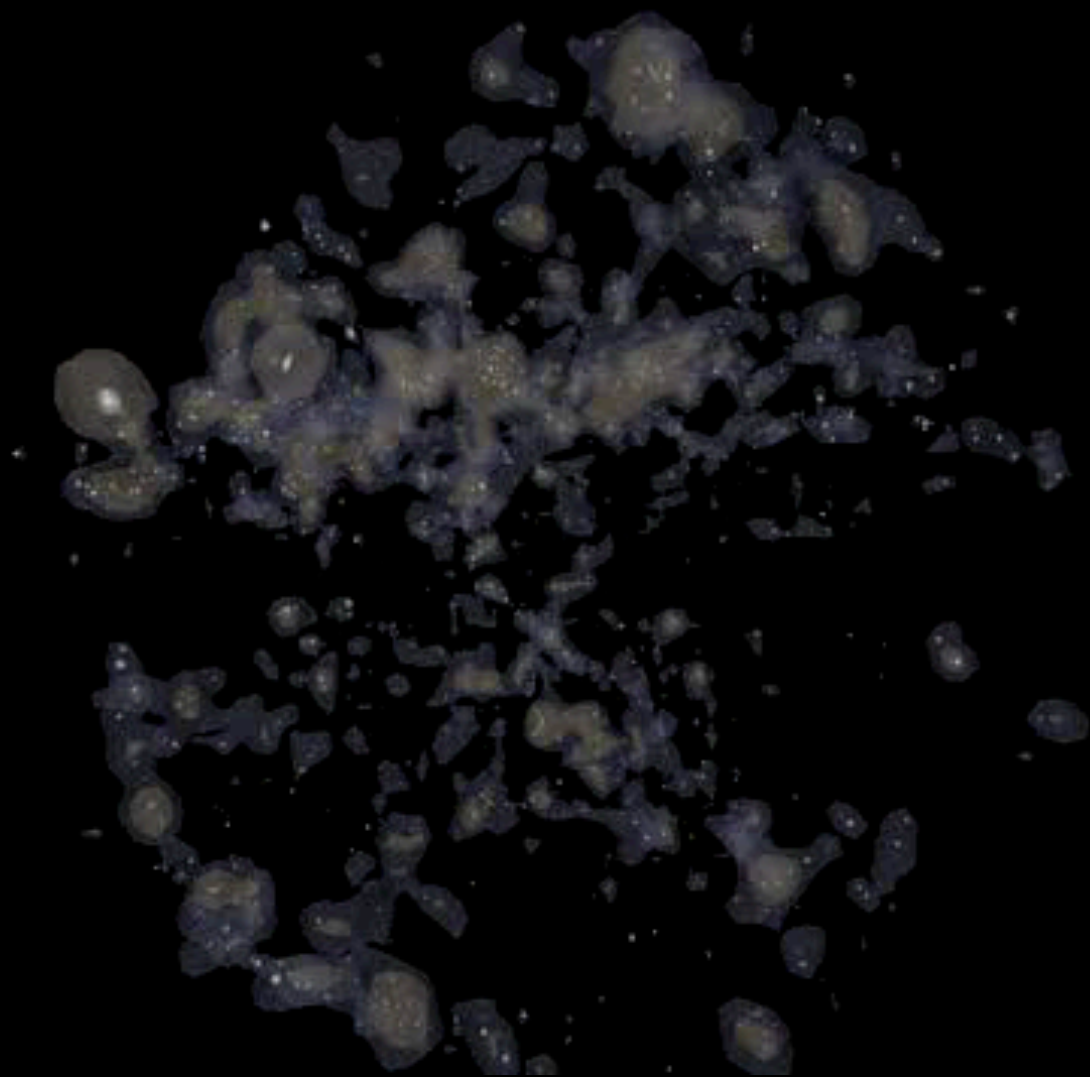




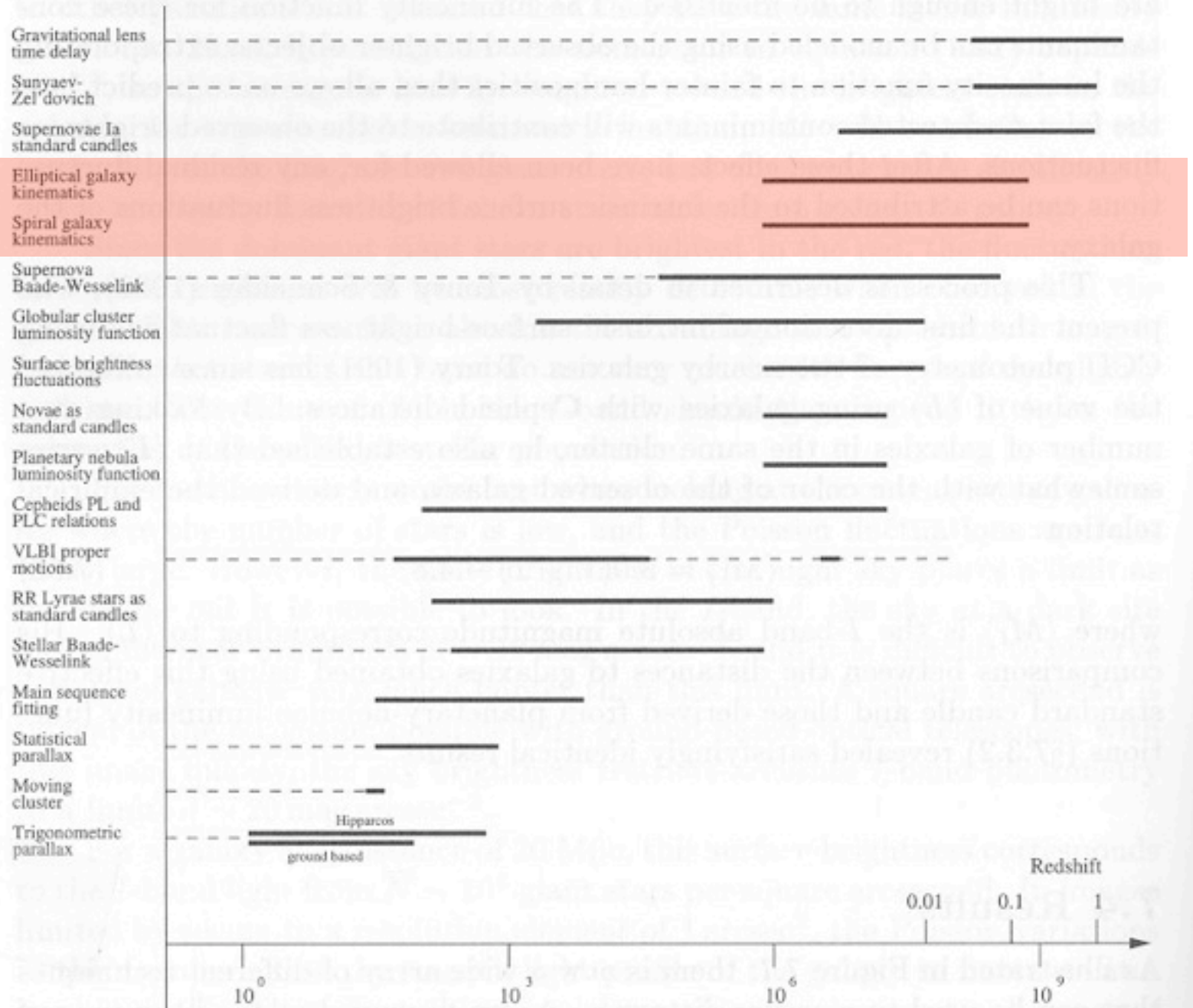
Apparent brightness +
distance gives luminosity





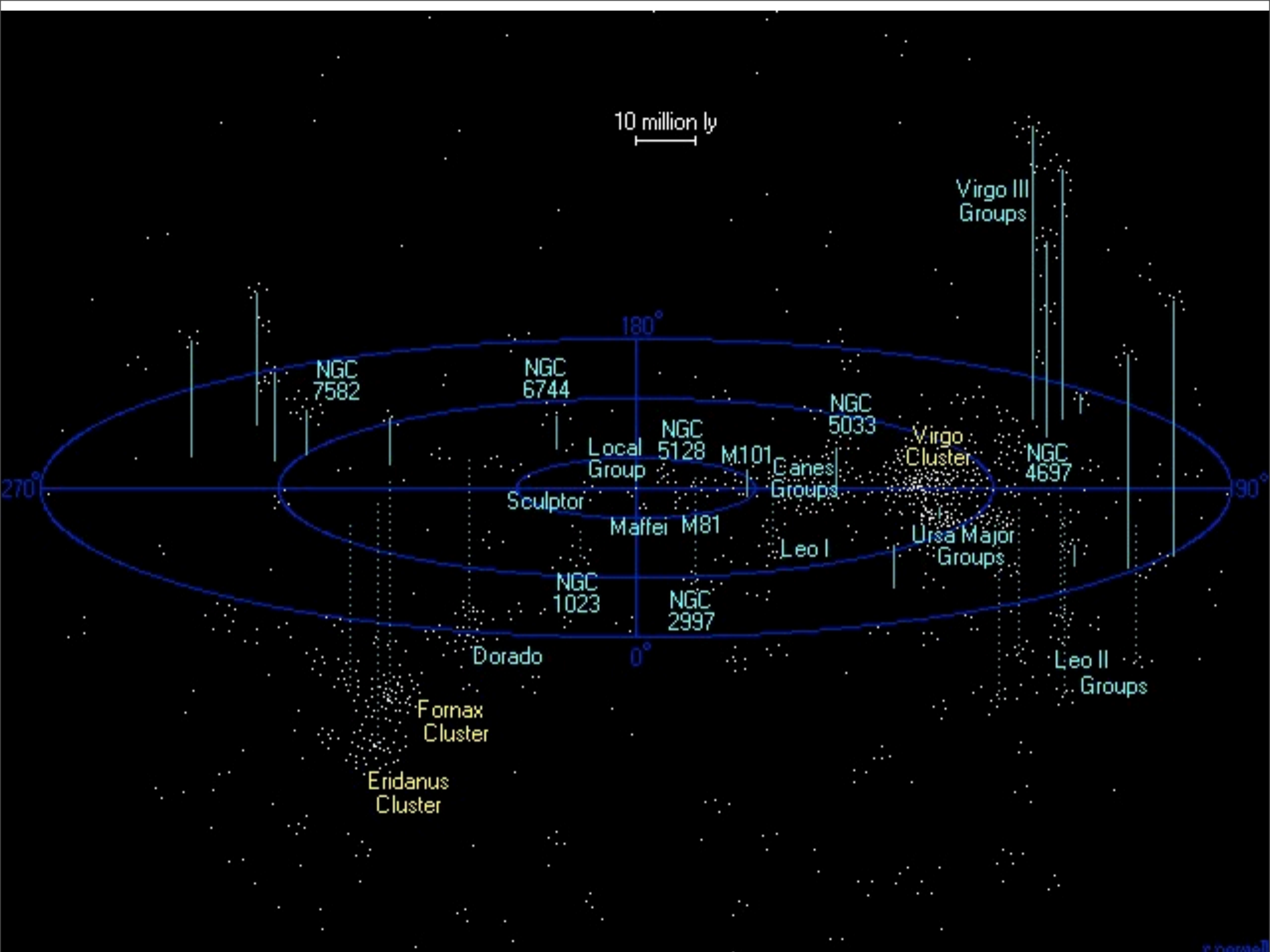


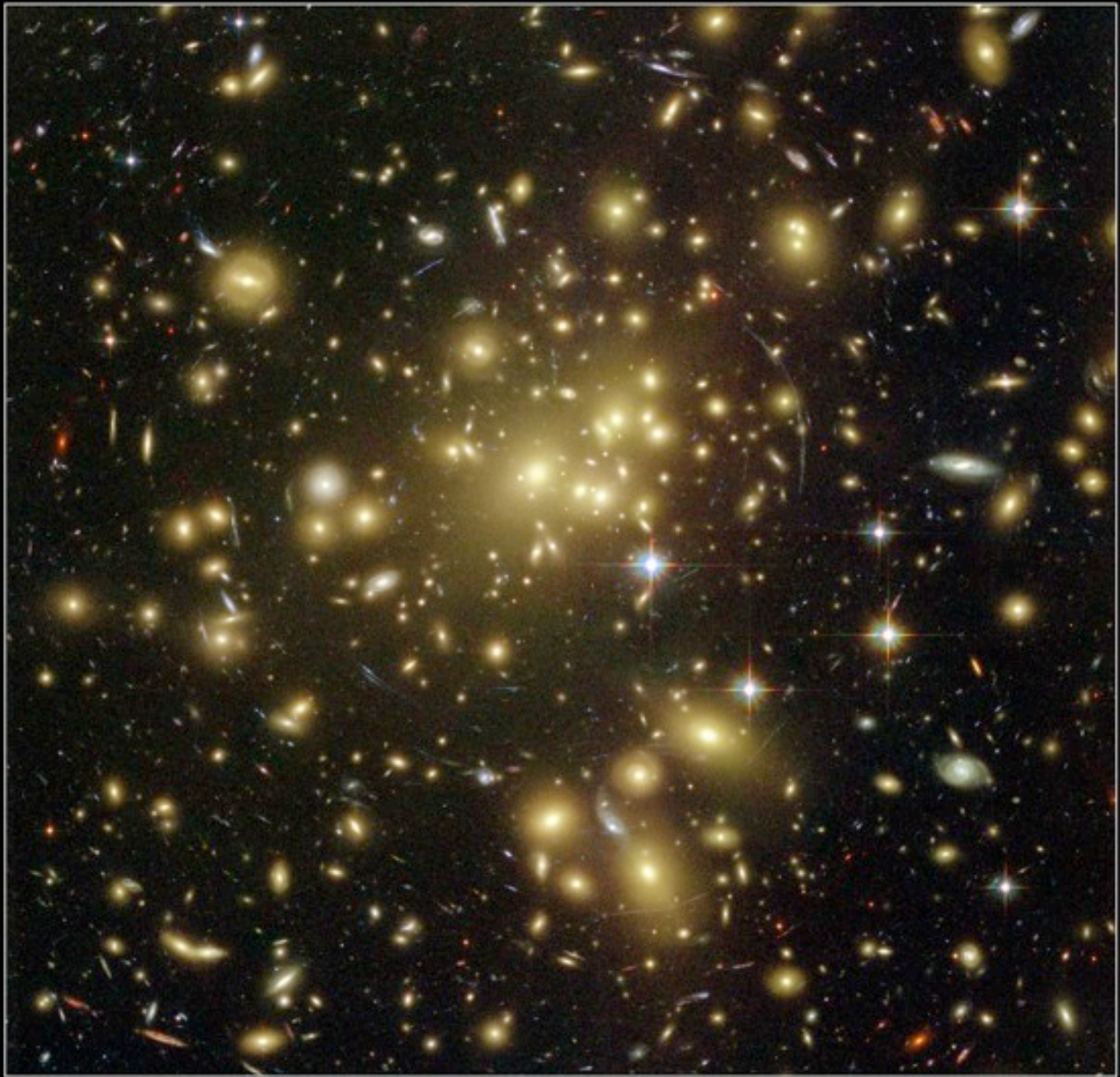
Distance Determination



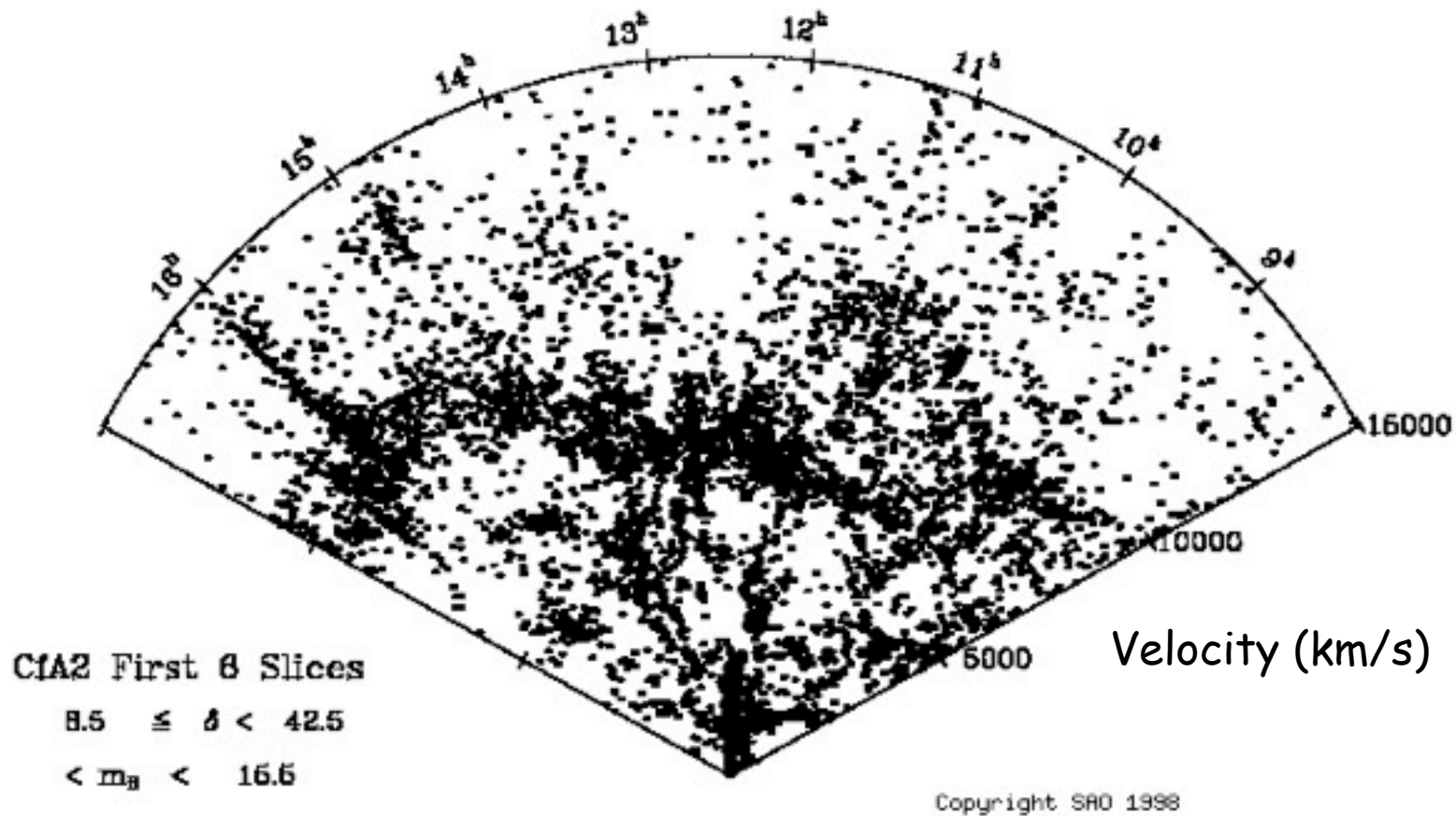


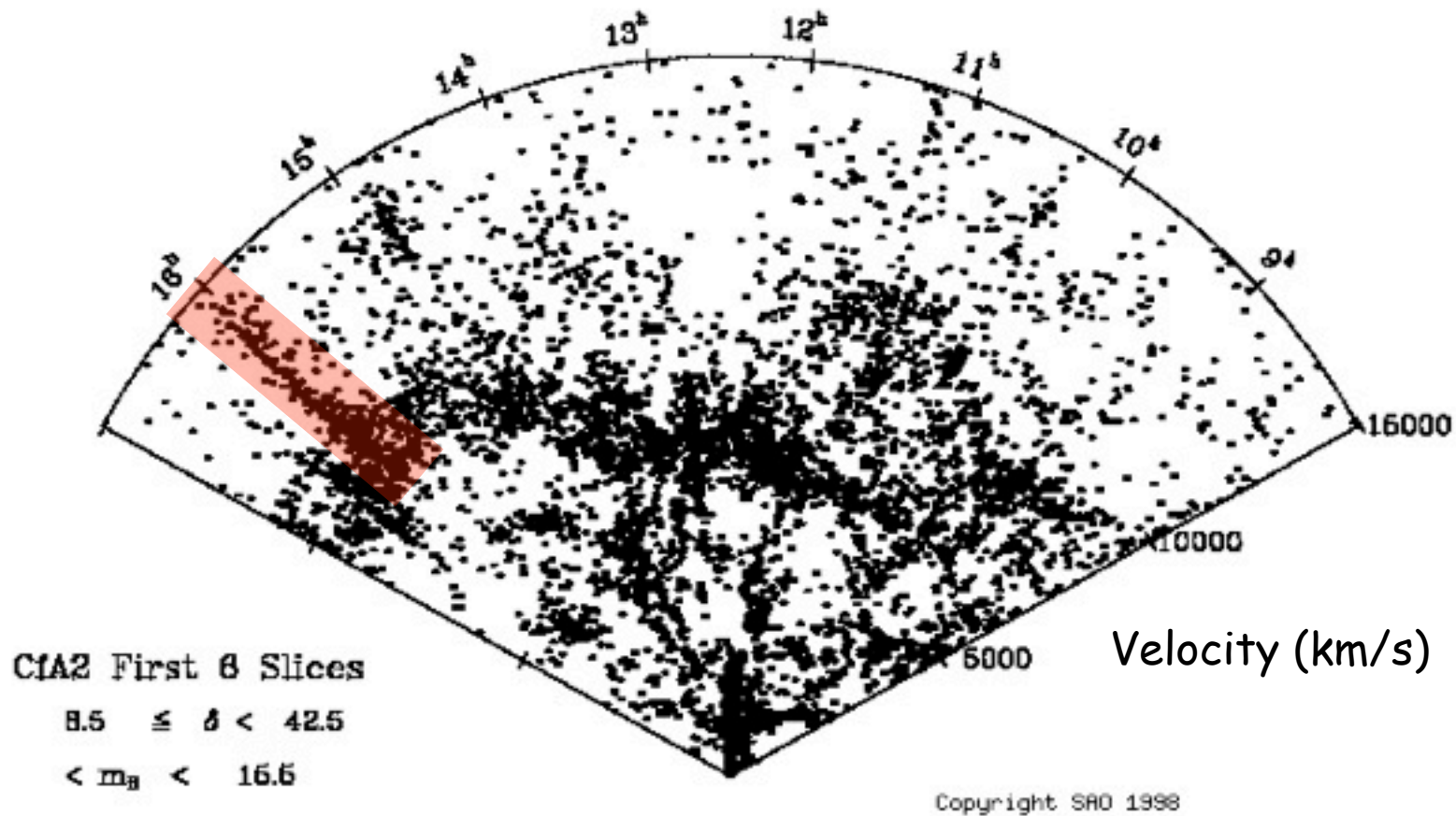
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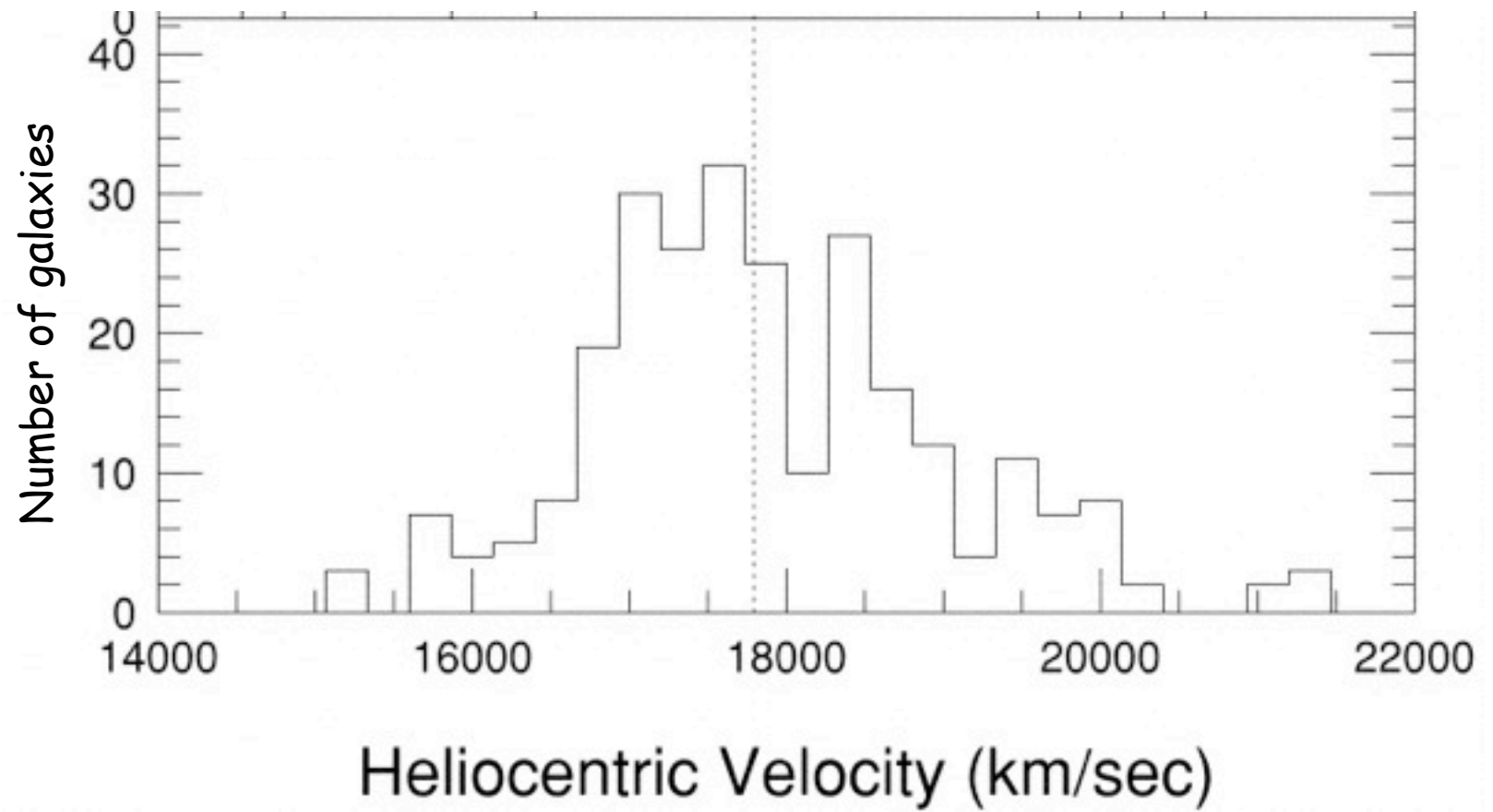


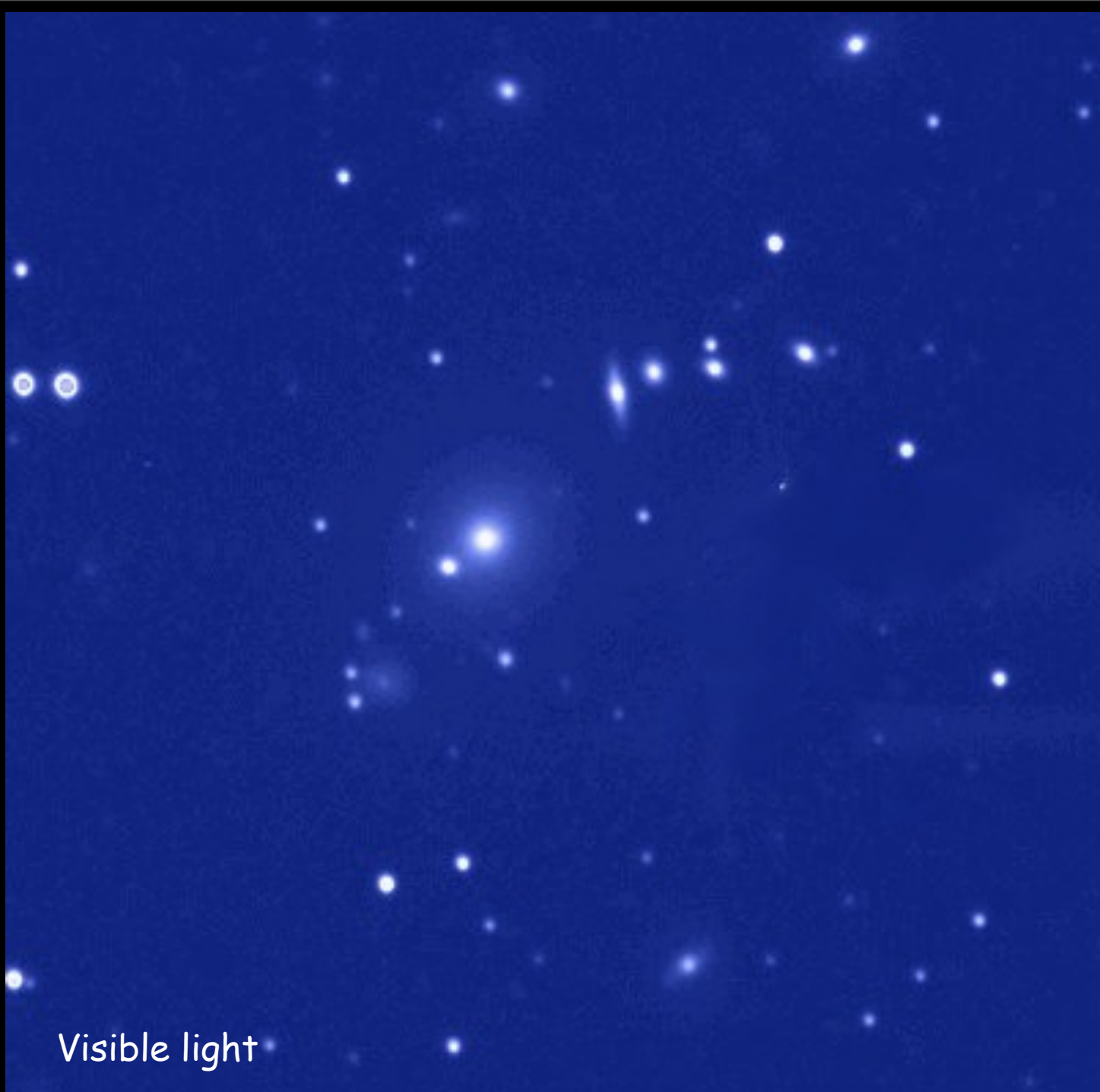


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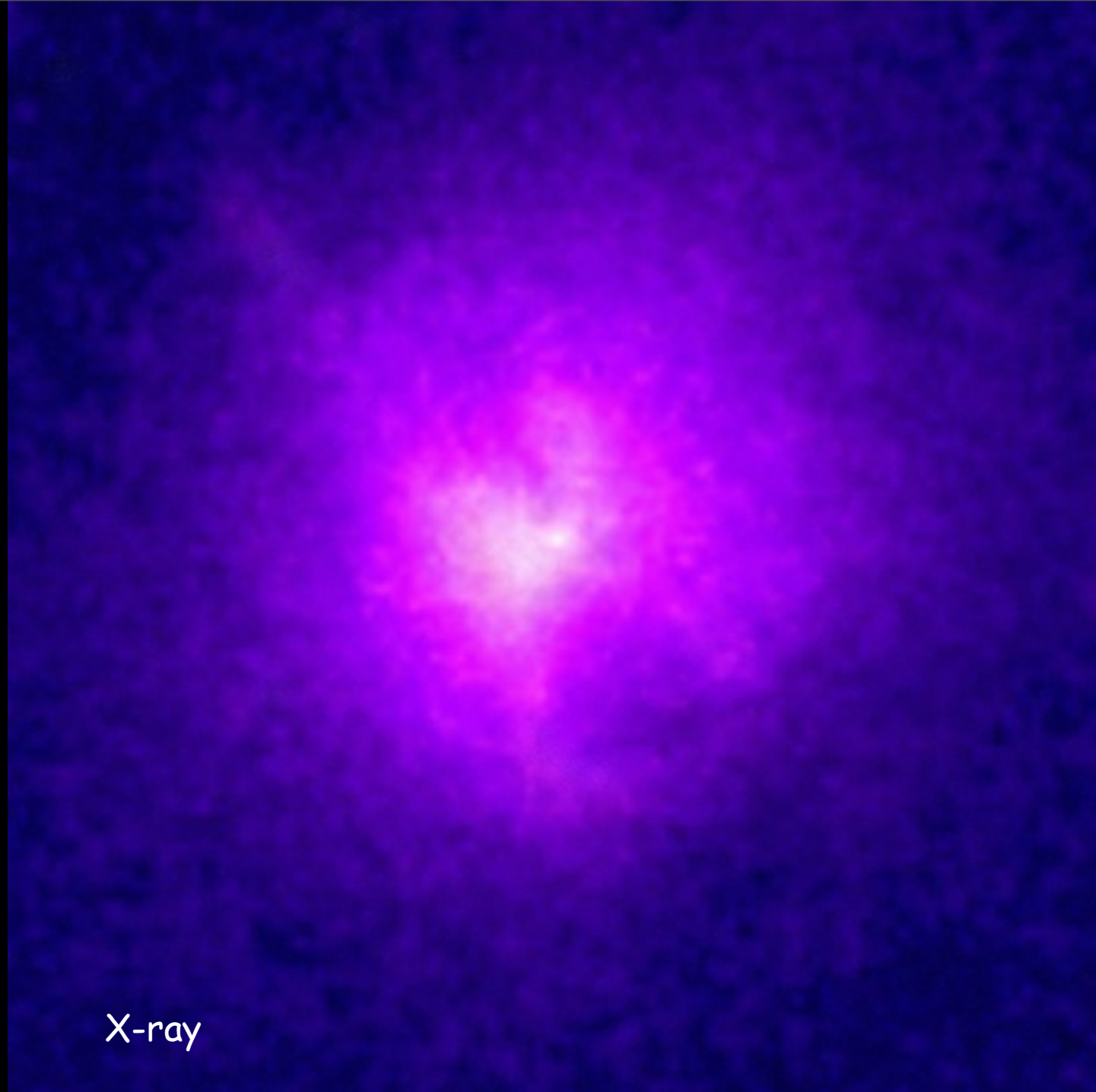






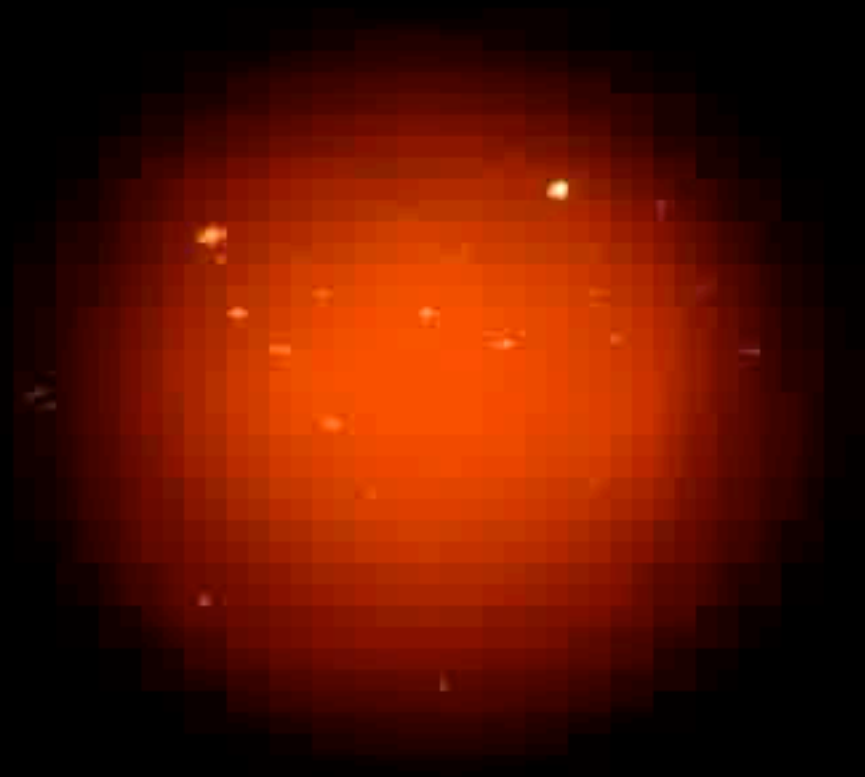


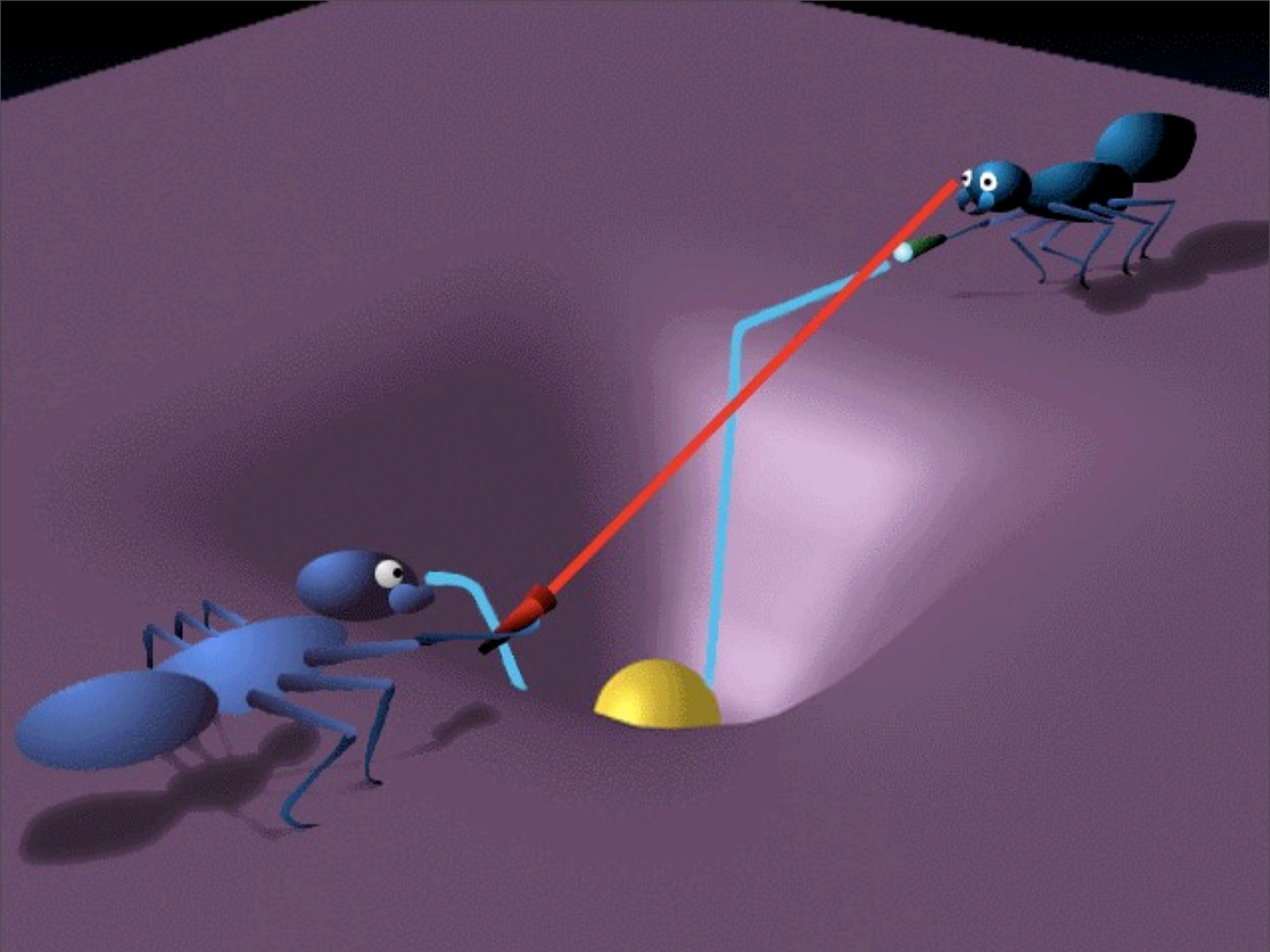
Visible light



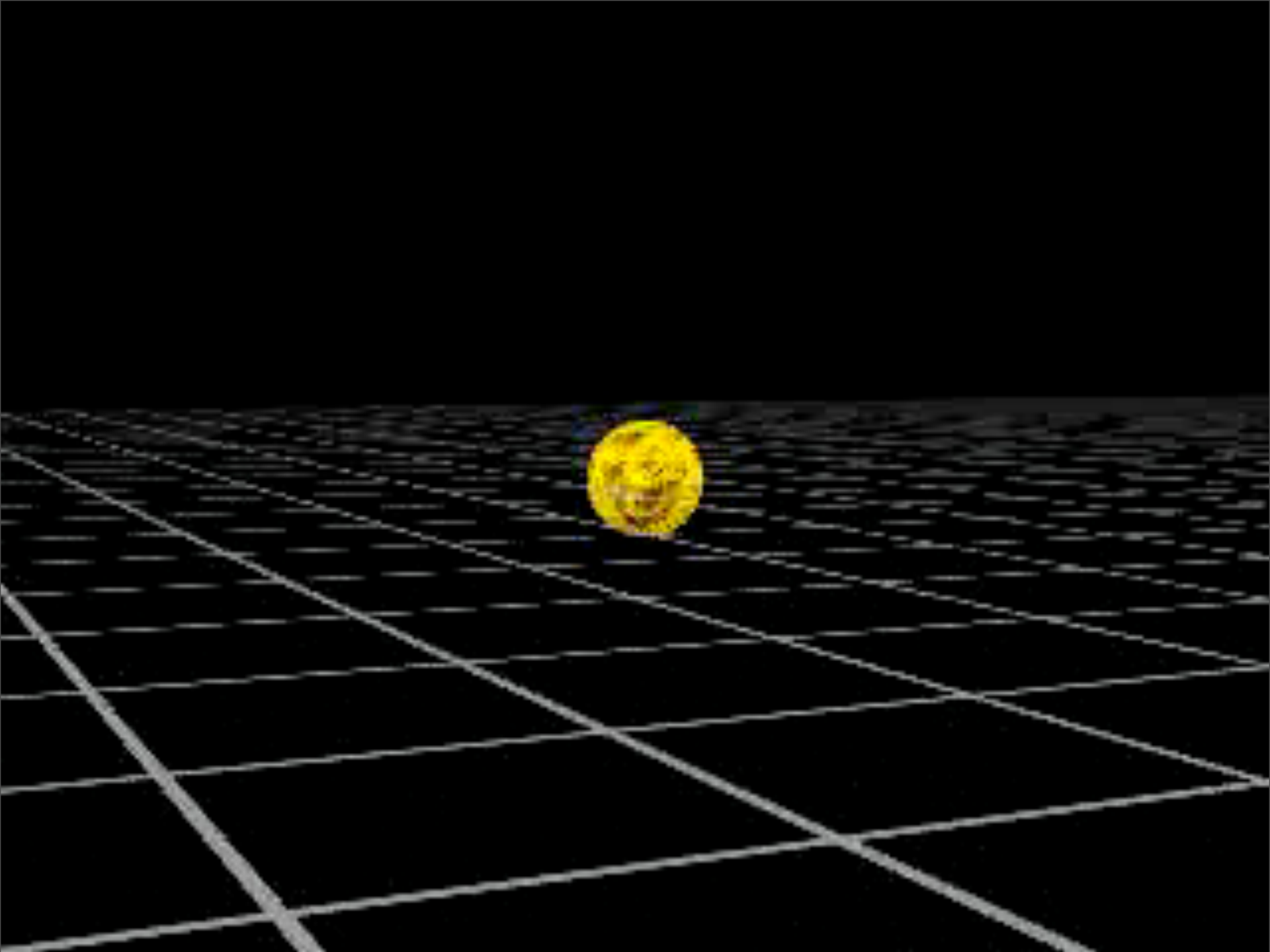
X-ray



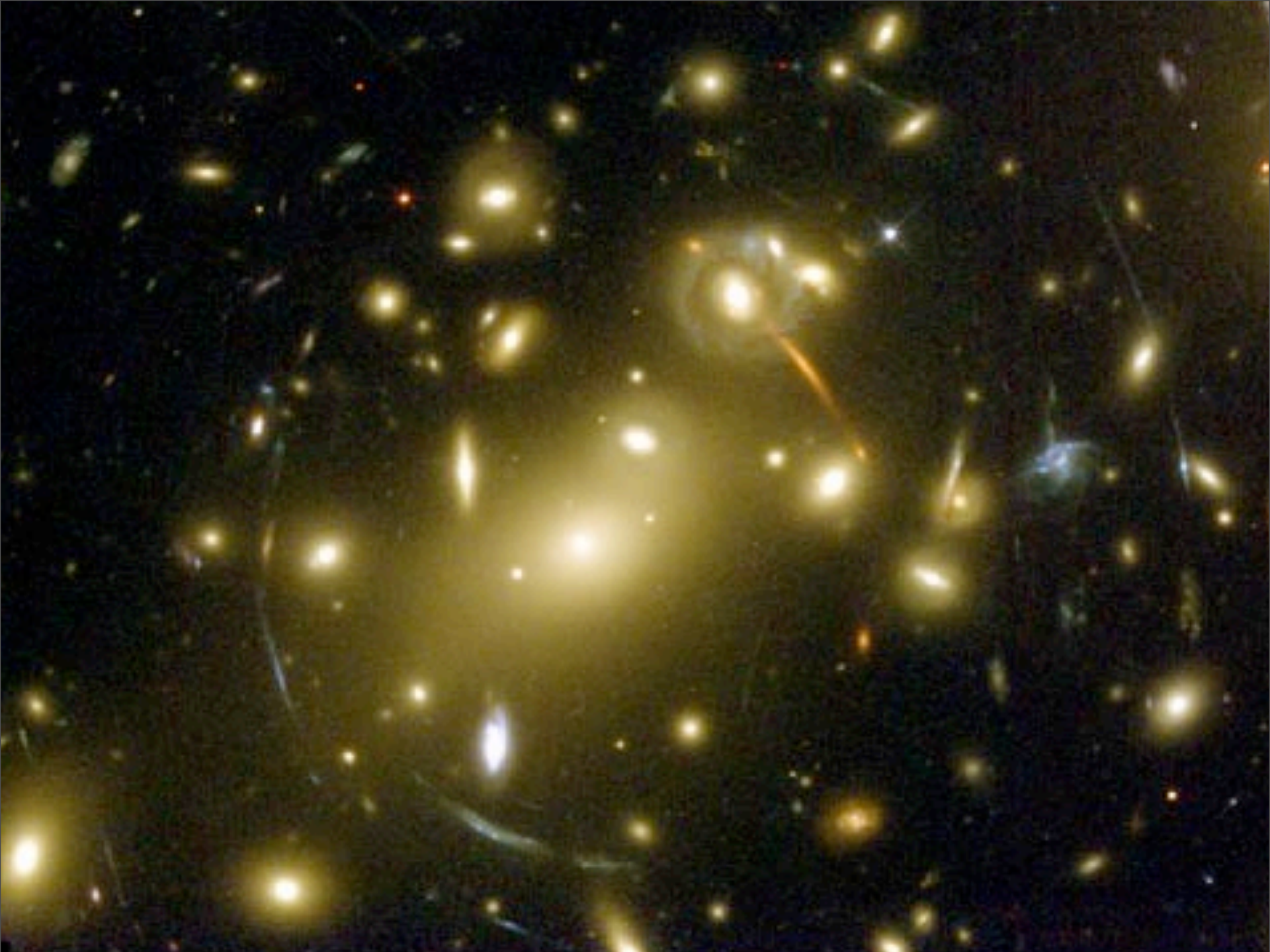




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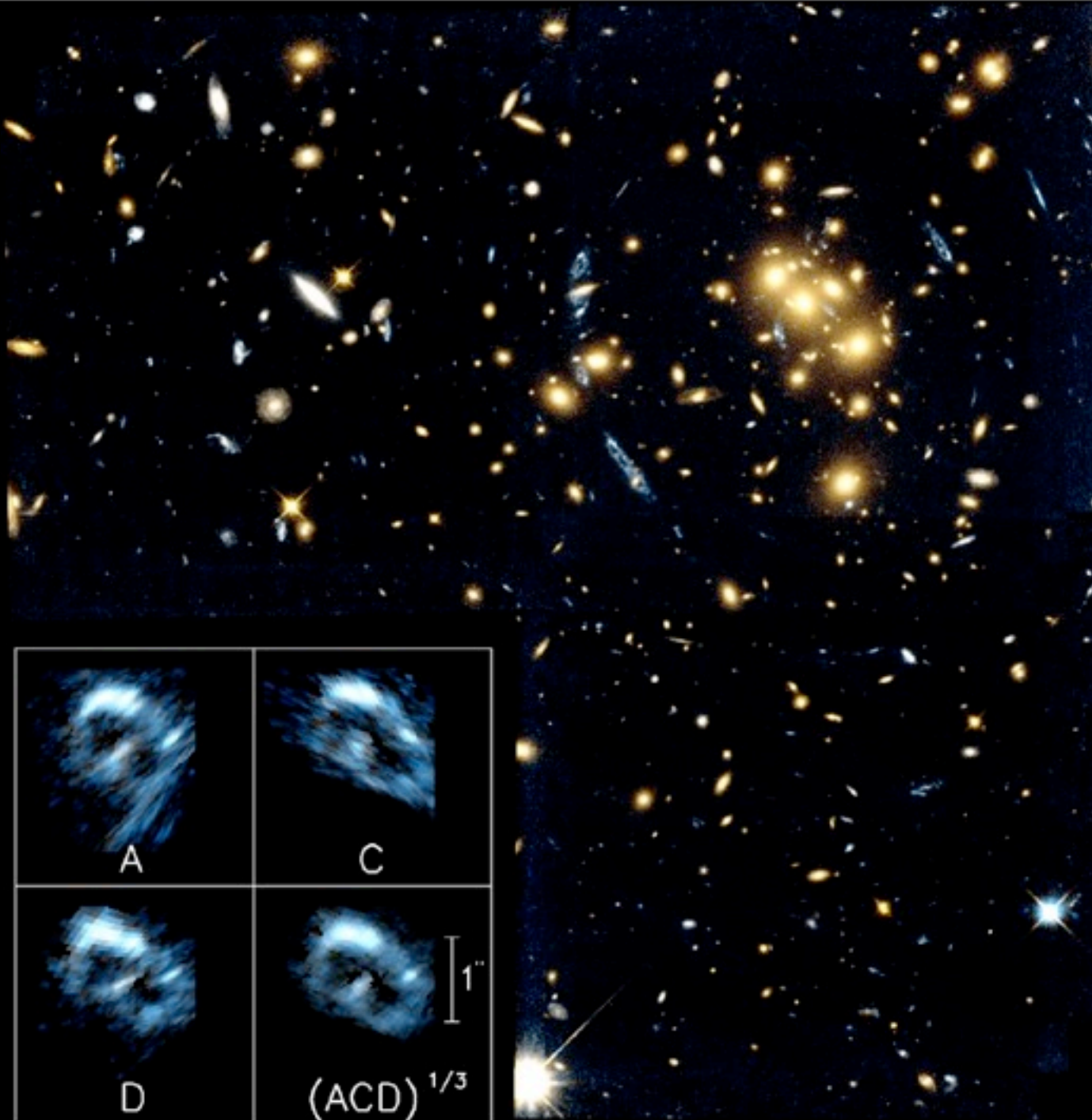
Monday, October 11, 2010



Monday, October 11, 2010



Monday, October 11, 2010



***Candidate for most distant
known object ...***

