

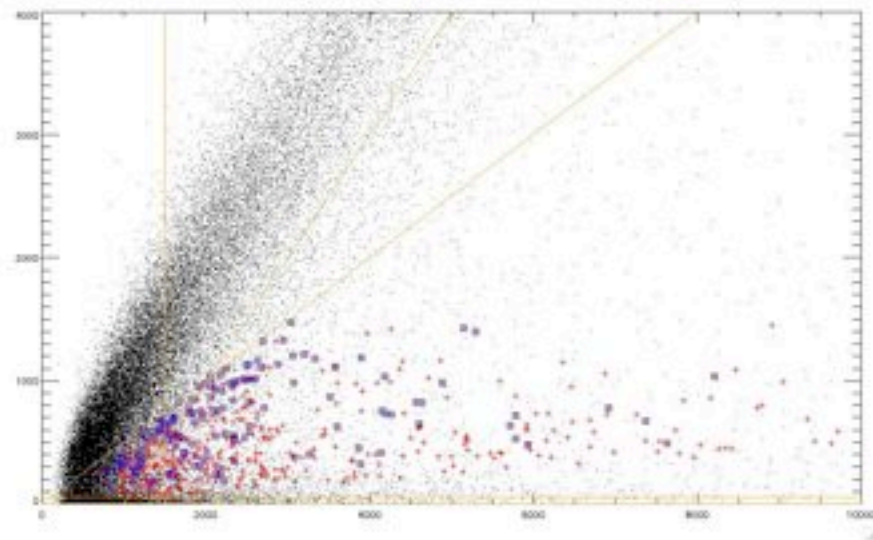
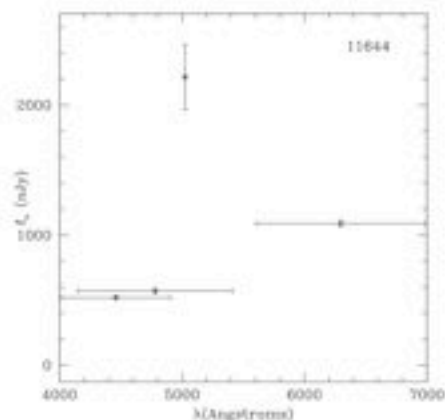
Detecting Lyman Alpha Emitting Galaxy Candidates in the Cosmos Field at $z \sim 3.1$

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We present preliminary results of a nine square-degree survey for $z=3.1$ Lyman-alpha galaxies. The aim of this survey is to survey the bright end of the luminosity function very well, and to get definitive answers on the large scale structure of Lyman-alpha galaxies. This sample should help in robustly deriving the two point correlation function and thus the masses of dark halos that host Lyman-alpha galaxies. By placing this survey in fields well-studied in broad-band we hope to derive the stellar properties of these galaxies as well.



Object 11644 in narrowband, g, and r bands (left to right).



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