

## The evolution of the hard X-ray luminosity function of AGN

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43 44 45 46 42 43 44 45 46

· Preliminary results agree well with extrapolation of LADE model

41 42

 Aperture magnitudes extracted for optically blank sources => upper limits Photo-z's determined from 10 bands from UV to 8.0um

likelihood ratio technique => 97%

2010)

identification rate (see also Luo et al

 $log(L_X / erg s^{-1})$ Fig. 8: Pi -V X-ray lum

y measurements of the 2-10 sity function at z≈4 and z≈5

For more info see Aird et al. 2010, MNRAS, 401, 2531 email: jaird@ucsd.edu

References: Adelberger K.L. et al., 2004, ApJ, 607, 226; Georgakakis A. et al., 2008, MNRAS, 388, 1205; Luo B. et al., 2010, ApJS, 187, 560; Steidel C.C. et al., 2003, ApJ, 592, 728