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Poster Flash Talk1: CSTACK: Stacking Analysis of Chandra Images On the Web and X-rays from :"Little Red Dots"

Tuesday 19 November 2024 16:50 (10 minutes)

"The CSTACK Tool (http://lambic.astrosen.unam.mx/cstack/) is a public tool for X-ray stacking analysis on several deep fields observed with Chandra for probing the average X-ray flux of populations of sources. As JWST data in deep fields are becoming available, we notice a recent increase in CSTACK. use. In this poster, we introduce the tool and explain its functions and usages,
As an example of its use, we report the recent detection of stacked X-ray emission from a population of faint high-redshift objects ""Little Red Dots"" (LRDs) found by JWST (Yue et al. ApJL accepted„ arXiv:2404.13290)."

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