

ABSTRACT

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Ionized Carbon observations at high redshift

Observations of ionized Carbon toward the highest redshift quasars provide key insights in early quasar formation and evolution. We here report new [CII] detections with the IRAM PdBI at redshift ~ 6 . The [CII] line is the strongest submm line in high-redshift galaxies, and thereby the most interesting high-redshift star formation and dynamical tracer for future submm observations with ALMA.