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Erratum

Radio galaxies at $z \sim 2.5$: Results from Keck spectropolarimetry

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Due to technical problem, Figs. 9 to 12 were misprinted in the paper version. Please find bellow the corrected figures.

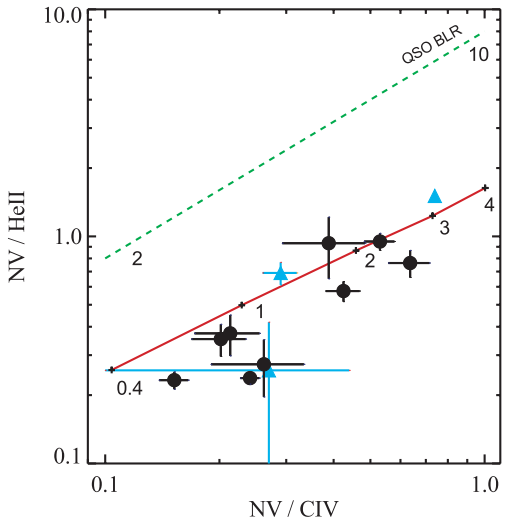

Fig. 9. The NV/HeII vs. NV/CIV diagram as plotted and modelled by HF93 for the BELR of QSOs – which clearly have much higher densities than the gas we are sampling in the narrow lines. The dashed line represents the locus of one of their chemical evolution models: M4a which covers a range of 2–10 times solar for the primary elements in this frame. The sequences implies solar or supersolar metallicities in the extended gas of many HzRG and different levels of enrichment in different objects. The three objects from the literature (see Table 4) are plotted with different symbols (triangles)

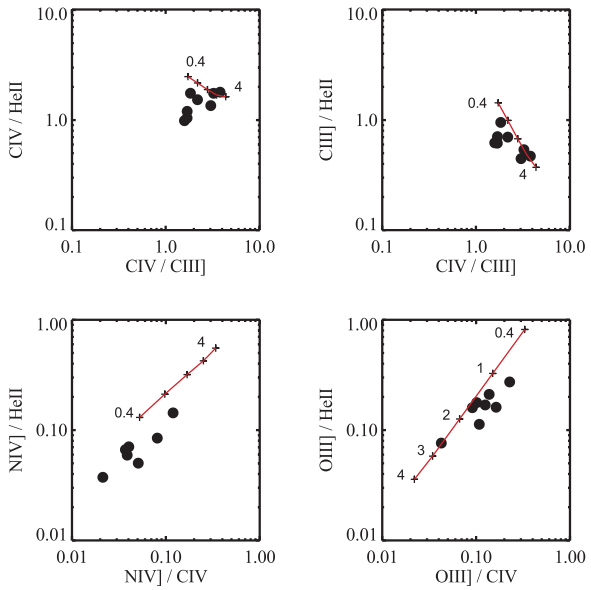

Fig. 10. Diagnostic diagrams involving some important UV emission line ratios including the intercombination lines NIV] λ 1486, OIII] $\lambda\lambda$ 1661,1666 and CIII] λ 1909. These include only data points from our sample. The model metallicity sequence that best reproduces the data trend (solid line) shows good agreement with the data in most diagnostic diagrams although the NIV] line predictions are substantially displaced (lower left, see text). The numerical labels show the metallicity sequence from 0.4 to 4 times solar for elements other than nitrogen which increases quadratically. The top two frames show the small variation in ionization state within the sample while the oxygen diagram (lower right) confirms the existence of the metallicity sequence. In this and the associated figures, only emission line components with a $FWHM$ of ≤ 3000 km s^{-1} are included

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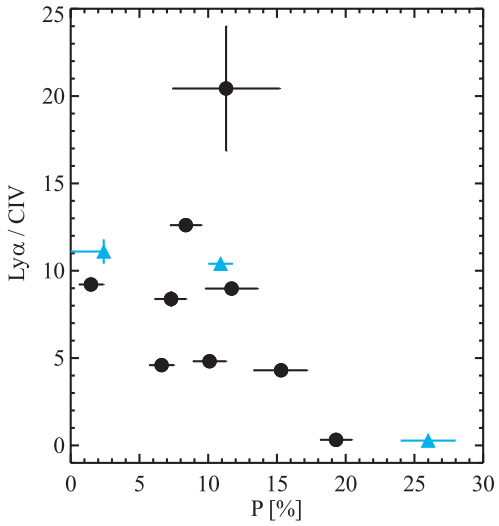

Fig. 11. The relationship between the strength of Lyα– expressed as a ratio to CIV – and the continuum fractional polarization measured in the bin just longward of Lyα. The error bars represent 1σ statistical uncertainties in P but, for the line ratios, are derived from uncertainties in the continuum fitting (see text). For values of $P \lesssim 3\%$, the points are plotted as 3σ upper limits

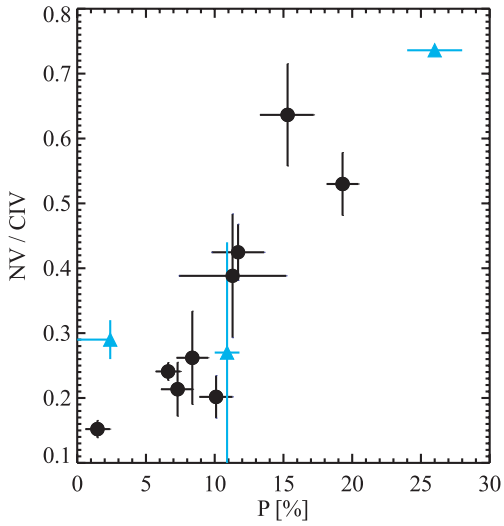

Fig. 12. The relationship between the narrow line ratio NV/CIV and the continuum fractional polarization measured in the bin just longward of Lyα