Integral Field Spectroscopy of the Interacting Radio Galaxy PKS 1934-63

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Abstract

We present new results from VLT MUSE integral field spectroscopy of the 'young radio-loud AGN' galaxy PKS 1934-63, a massive galaxy which is found to be undergoing a major merger, with extensive star-formation visible in the H α and [NII]6584 images. We analyze kinematics and line ratios of both the AGN and star-forming components of this (double) system, with a combination of high spatial and spectral resolution.