

Abstract

I will present and discuss a study on the sub-pc scale of the radio galaxy 3C84, based on space VLBI observations obtained with RadioAstron. High resolution images allow to investigate the jet origin and its properties starting from about 100 gravitational radii and to discuss the jet origin and its interaction with the surrounding medium. These data show a restarted activity in the core of 3C84 with different properties with respect to the previous source active phase. More recent ground-only VLBA observations confirm the strong interaction between the young radio jet and the Interstellar Medium.