

Bending of the pc scale jet in 3C84

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■ 3C84 jet motion by GENJI data at 22 GHz

VERA : 80 epoch from Jul 2007 to Dec 2013
(Hiura et al. submitted to PASJ)

VERA : 33 epoch from Jan 31, 2015 to Dec 25, 2016
(This study)

Jet is bending!

The C3 component of the jet has moved toward the south from the core.

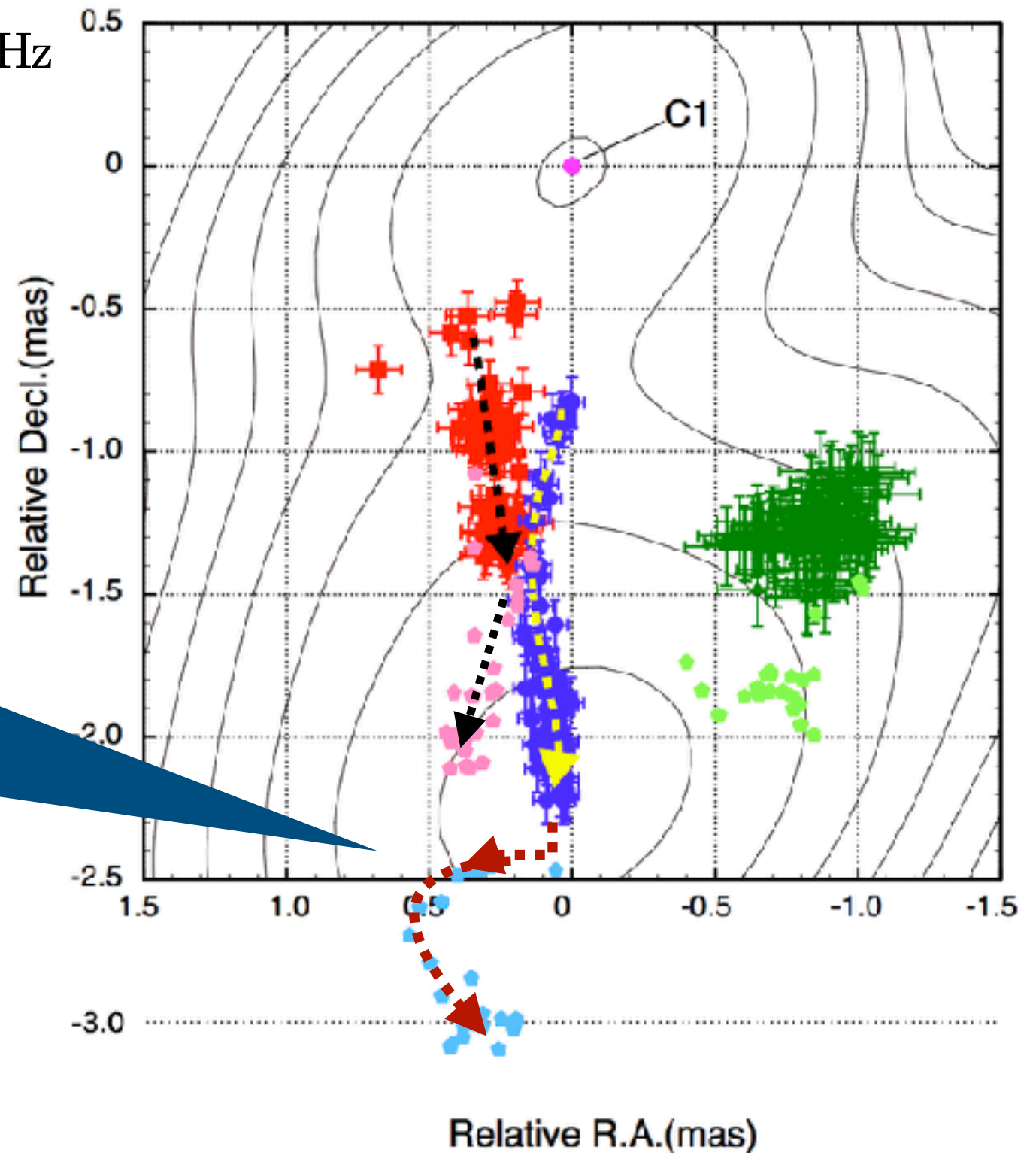
The motion was not ballistic, it showed a bending of about 0.5 mas (0.18 pc) with a time scale of 300 -1000 days.

Model1

Local brightness distribution change

Model2

Real change of the jet traveling direction



The positions of the jet components relative to the core (C1) for 33 epoch are plotted with those of 80 epoch by Hiura et al. (submitted to PASJ).