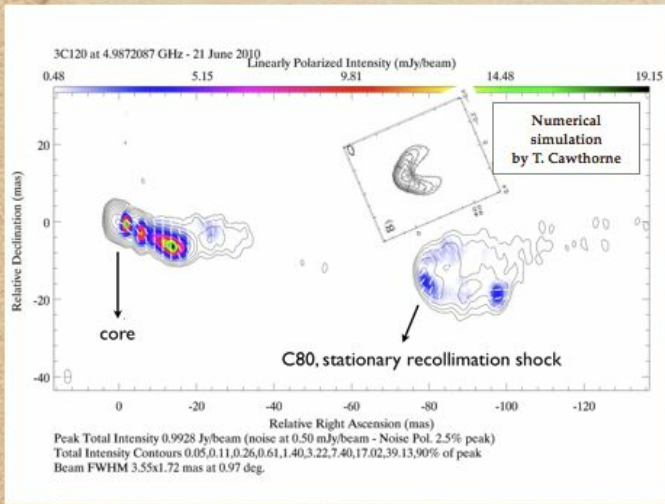




3C120 Iván Agudo *et al.* 2012 *ApJ* 752 92



VLBA at 5 GHz

(December 14, 2009, March 14, 2010, June 21, 2010)

- ♦ C80, a stationary feature located 140 pc from the core (Roca-Sogorb *et al.*, 2010, Gomez *et al.*, 2011)
- ♦ downstream C80, superluminal components
- ♦ C80, well described by numerical simulation (T. Cawthorne) of a conical recollimation shock with a cone angle of 10 degrees, a viewing angle of 16 degrees, and the upstream Lorentz factor $\gamma_u = 8.4$

Boston University Blazar Group
(Alan Marscher, Svetlana Jorstad)

Multifrequency monitoring of 33 high power Blazar
(Radio, mm, sub-mm, optical, x-ray, gamma-ray (Fermi))

- mm : IRAM 30mt telescope , Sierra Nevada (Granada)
- optical: CALAR ALTO (2.2 mt) + other telescopes.

CTA102

