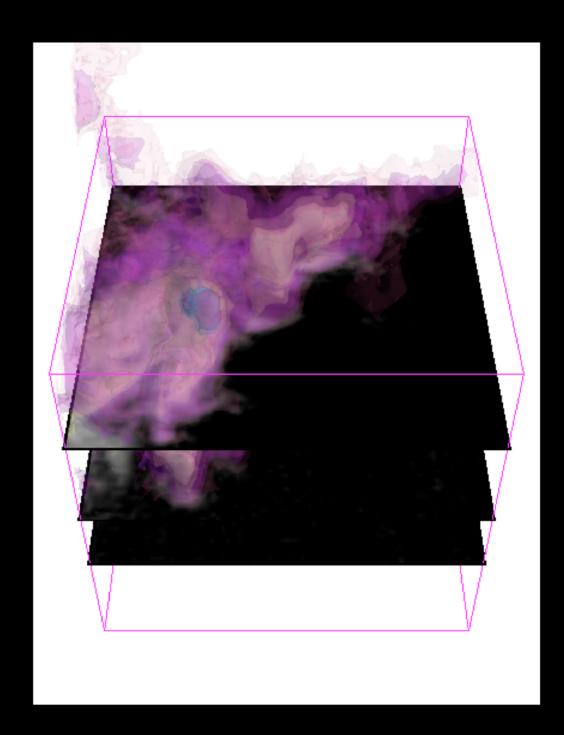
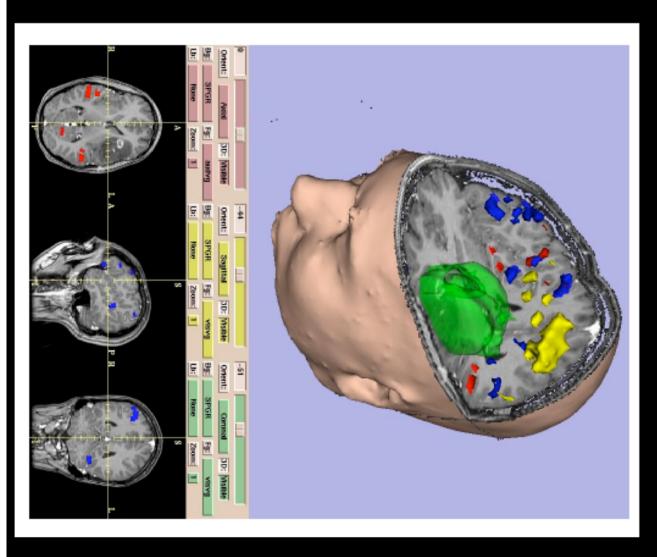
Application of Medical Imaging Software to the 3D Visualization of Astronomical Data

Initiative in Innovative Computing at Harvard The Astronomical Medicine Project at the

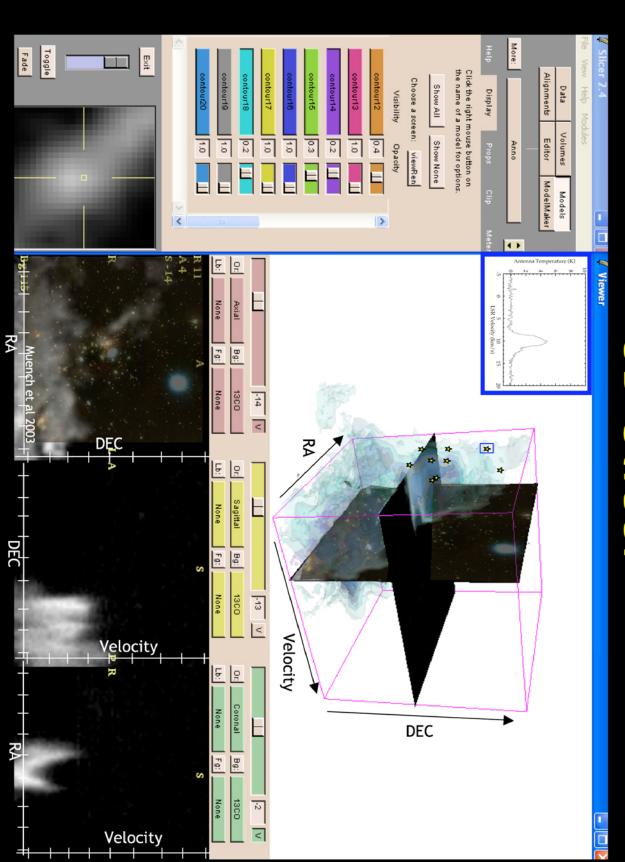
Michelle Borkin, Alyssa Goodman, Mike Halle, Doug Alan, & Jens Kauffmann 209th Meeting of the AAS January 7, 2007



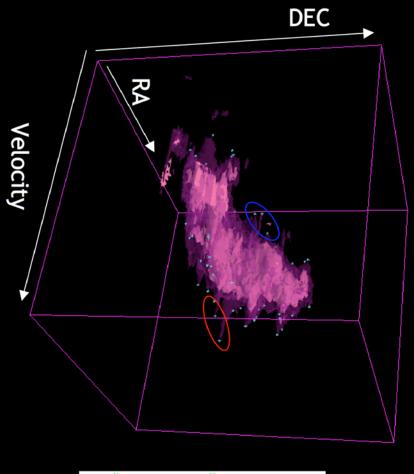
3D Slicer

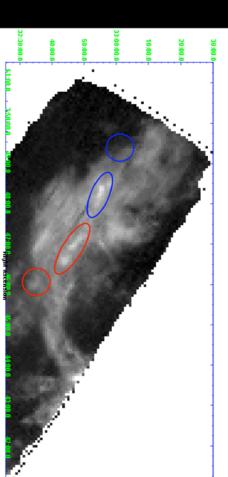


3D Slicer



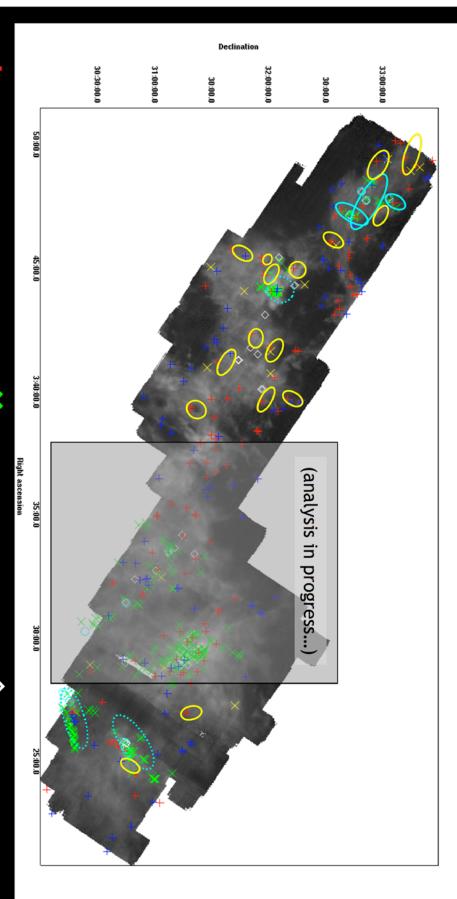
Outflow Identification in B5





RA-DEC integrated map of ¹²CO

Outflow Identification



- Red Shifted points
- Blue Shifted points New outflows
- SCF points

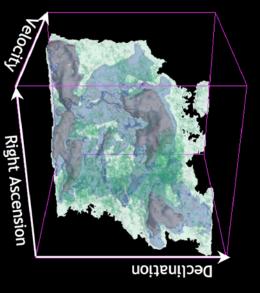
HH Objects

- O Known Outflow Sources IRAS Sources
- Known outflows or outflow regions

Borkin, Arce, & Goodman 2007, in prep

3D Slicer - Simulations and Algorithms

Isosurfaces

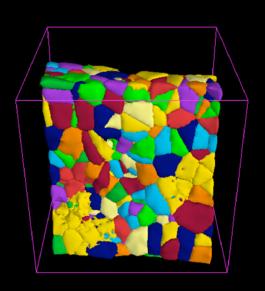


Observed

Reality (L1448 in ¹³CO)

Simulations "Observed"

CLUMPFIND



For more information...

Visit our display at the "Gadgets and Gizmos" session - South Lobby!

For demo movies, downloads, and papers, go to:

http://iic.harvard.edu/astromed.php