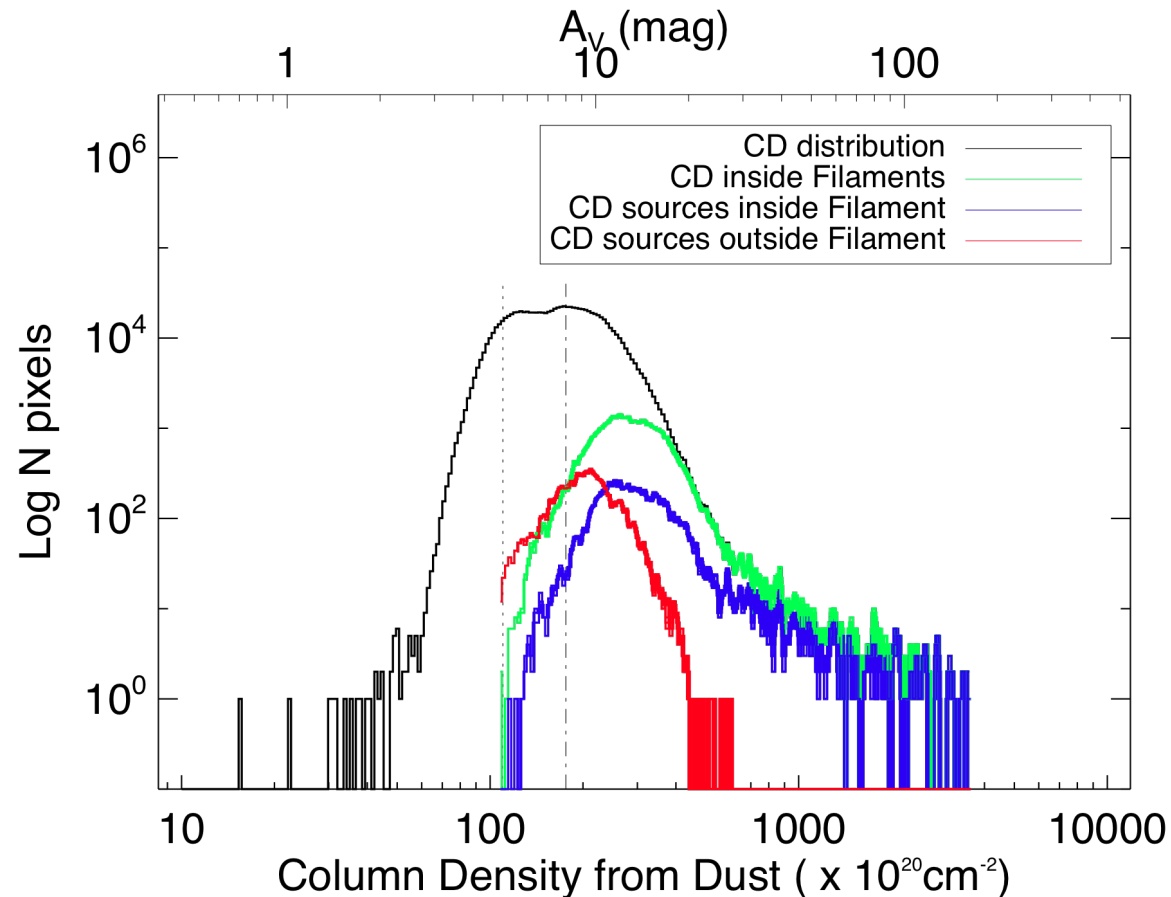


Fraction of Dense matter distributed in filamentary region



- All the observed higher density regions belong to filamentary regions
- About 50% of the matter with $A_V > 20$ is identified as belonging to a source inside the filament
- in good agreement with PDFs from numerical HD/MHD simulations of filament formation (Hennebelle et al. 2008)