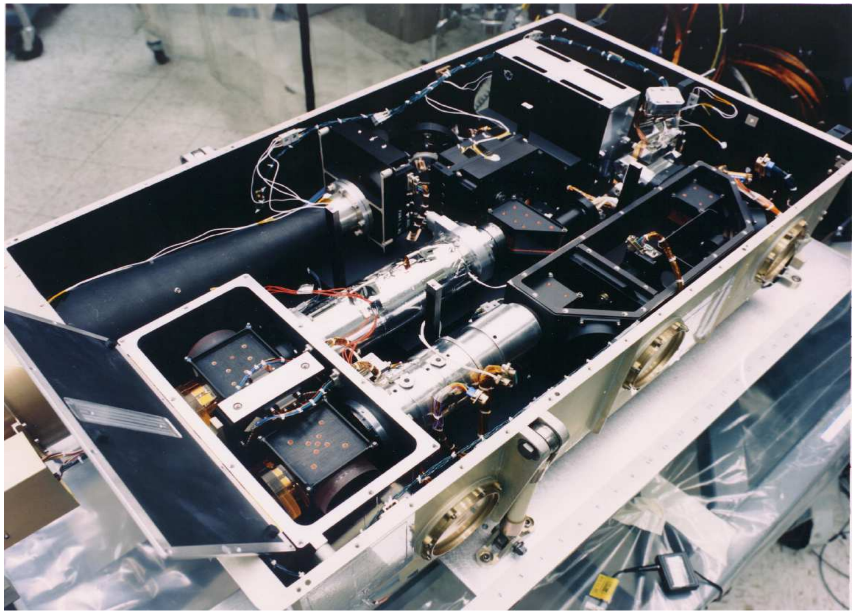
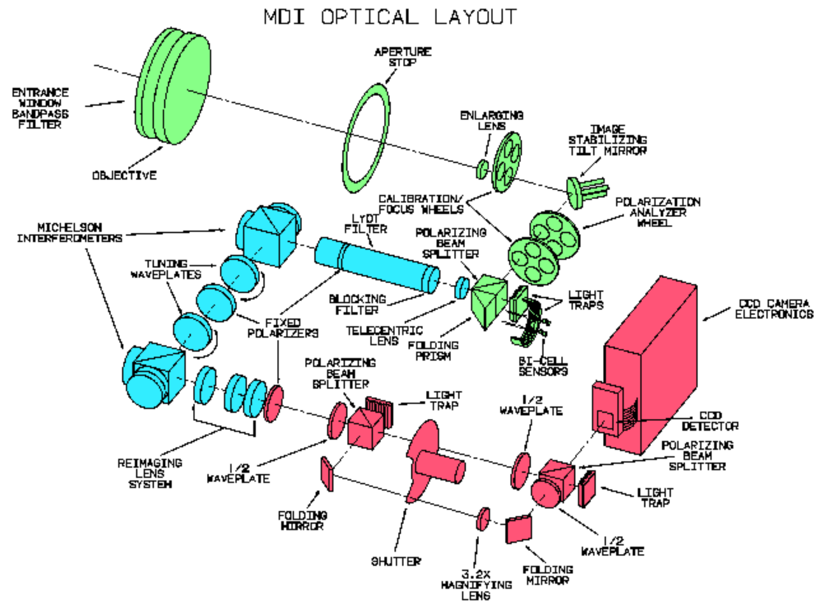
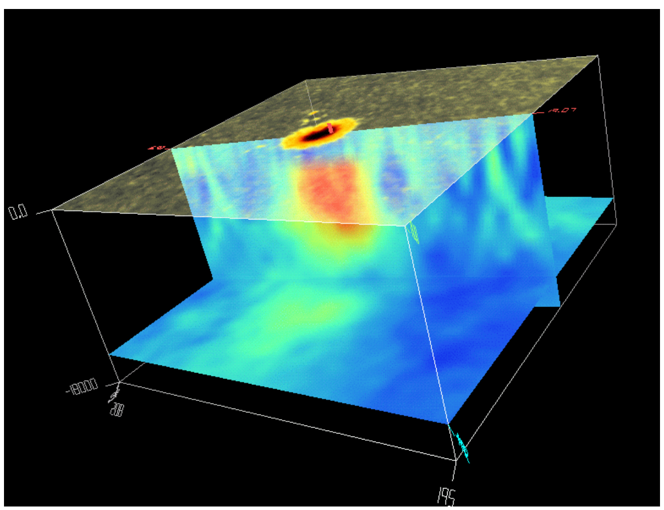
Michelson Doppler Imager for Triana



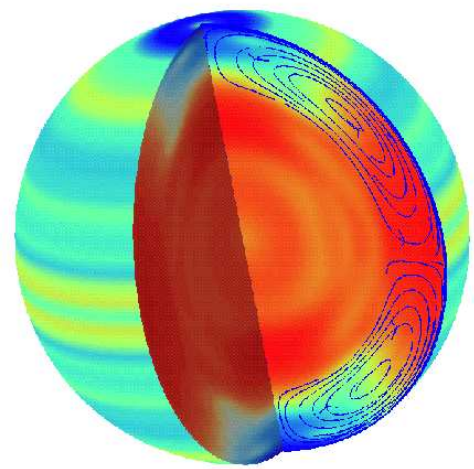




Sound speed beneath a sunspot observed with MDI on 18 June 1998

Observables for MDI and MDI-Triana

Observables	Dynamic Range	Noise (pixel)	Rate
Doppler Velocity	+5,000 m/s	15 m/s	60 s
Continuum Intensity	12,000 cts	0.03%	60 s
Line Depth	8,000 cts	0.07%	60 s
Magnetic Field, Longitudinal	+4,000 G	20 G	30 s
Transverse Velocity	+1,000 m/s	30 m/s	8 hr
Magnetic Field , Transverse, MDI-T	+4,000 G	200 G	90 s
Limb Figure	1000 "	0.02 "	300 s



Solar internal rotation and surface zonal flows observed with MDI