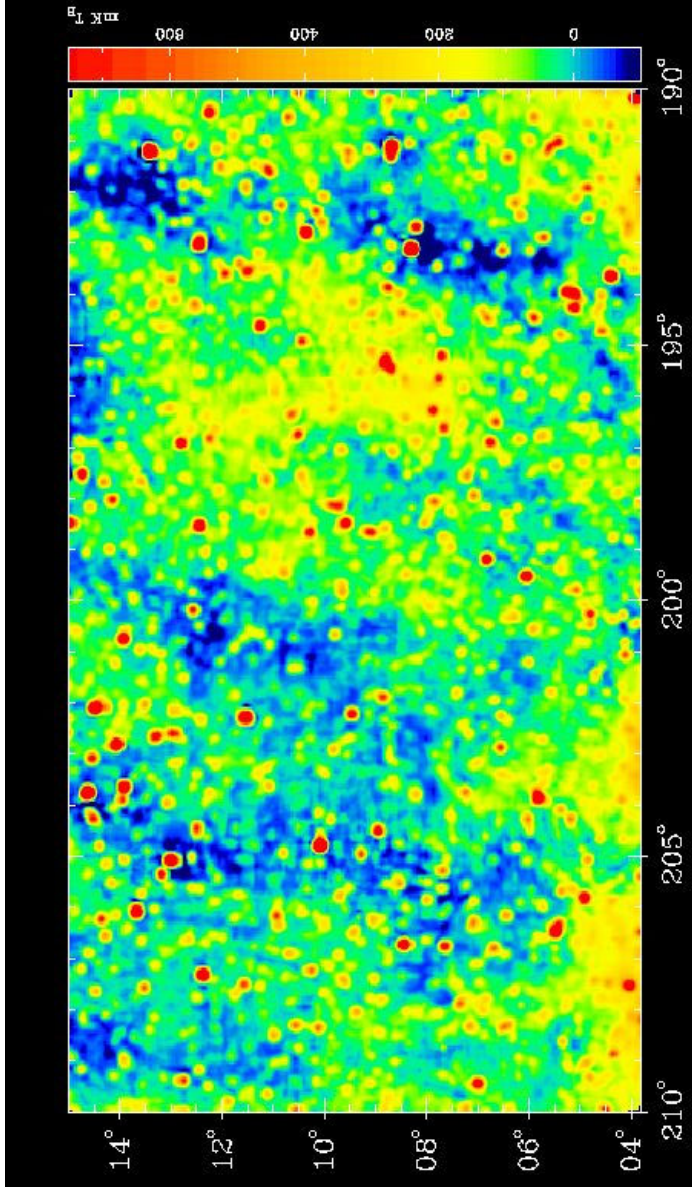


## 4. Milky Way

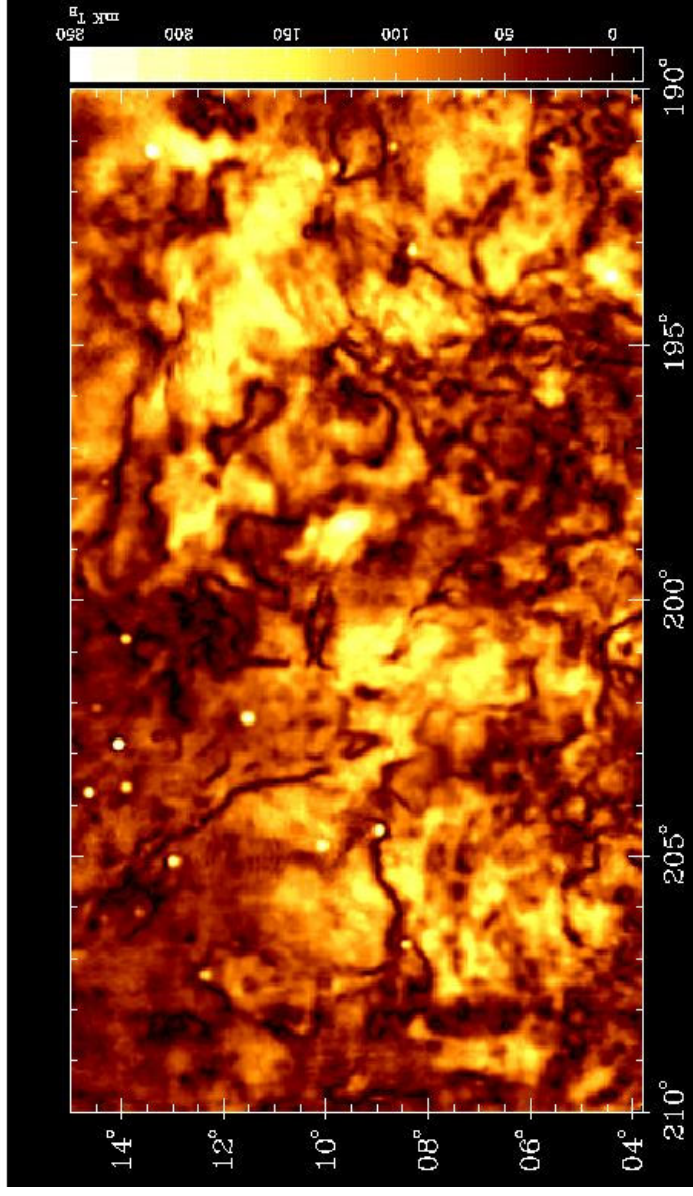
### 4.1 Diffuse ISM

total radio emission



polarized radio  
emission

at  $\lambda = 21$  cm

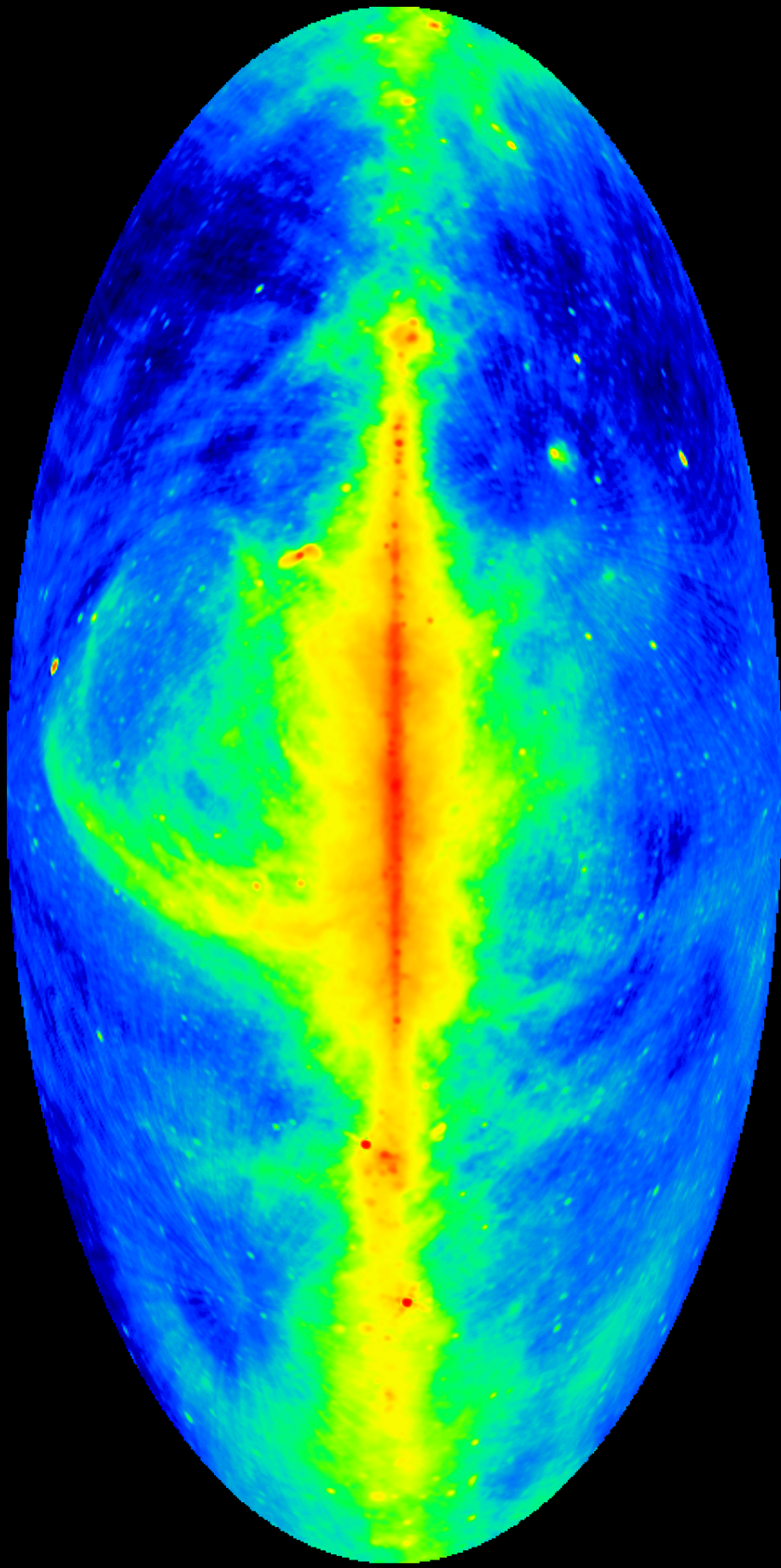


Galactic-plane survey,  $\lambda = 6$  cm, Urumqi

Polarized intensity

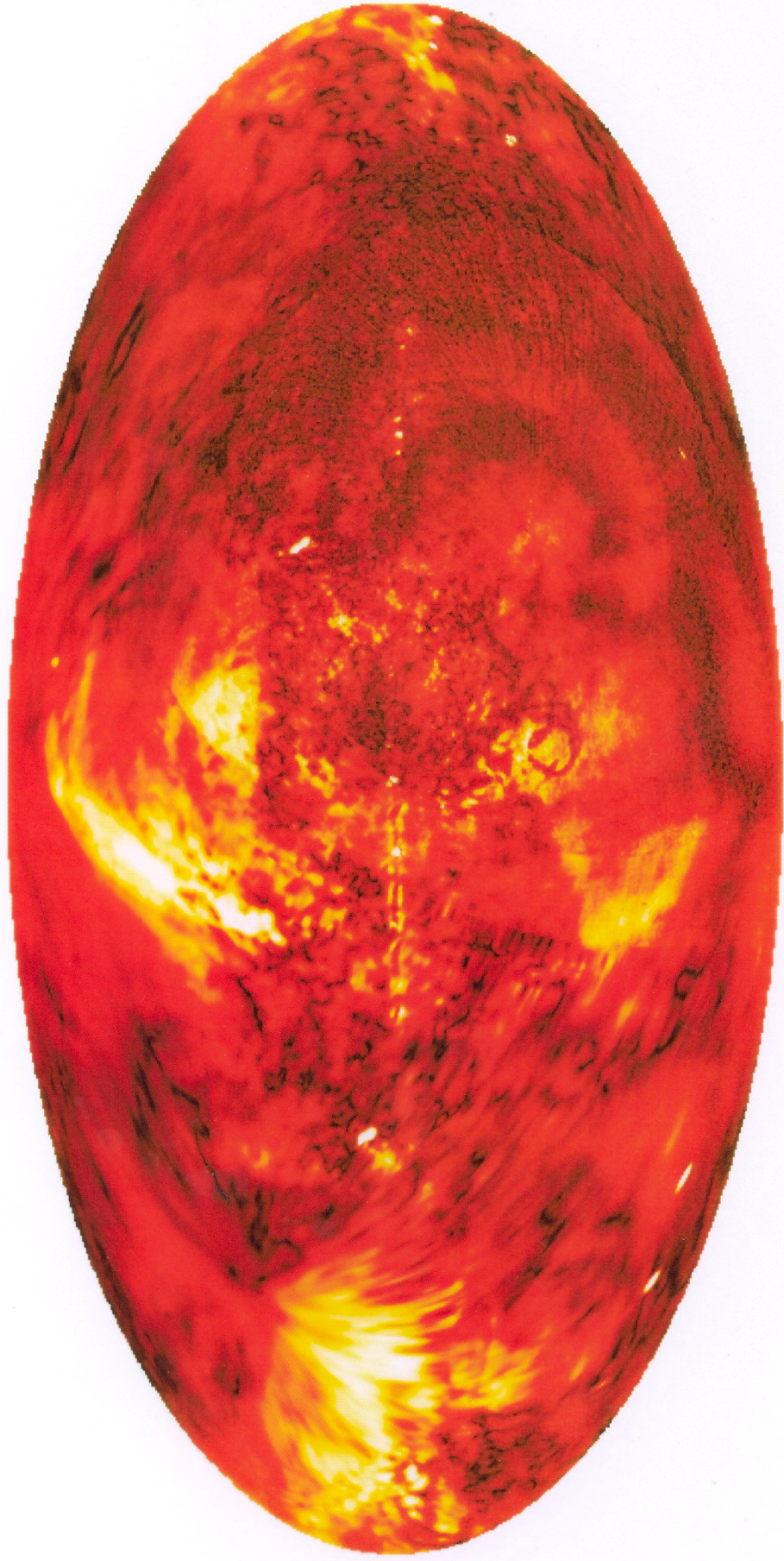


radio emission at 408 MHz



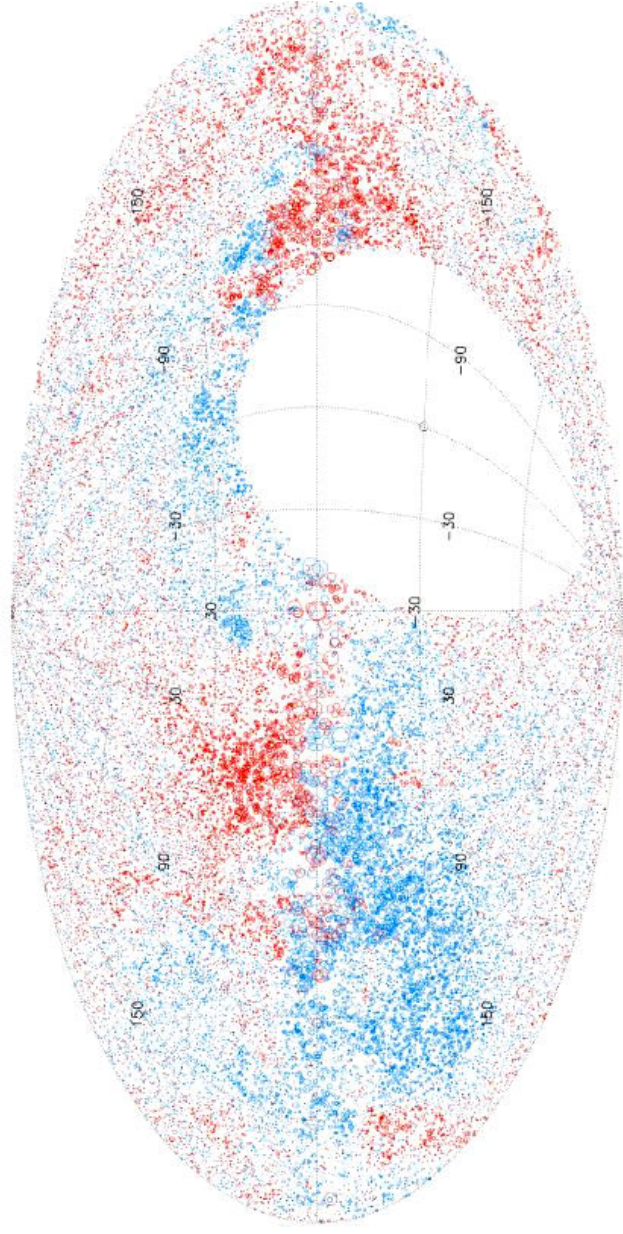
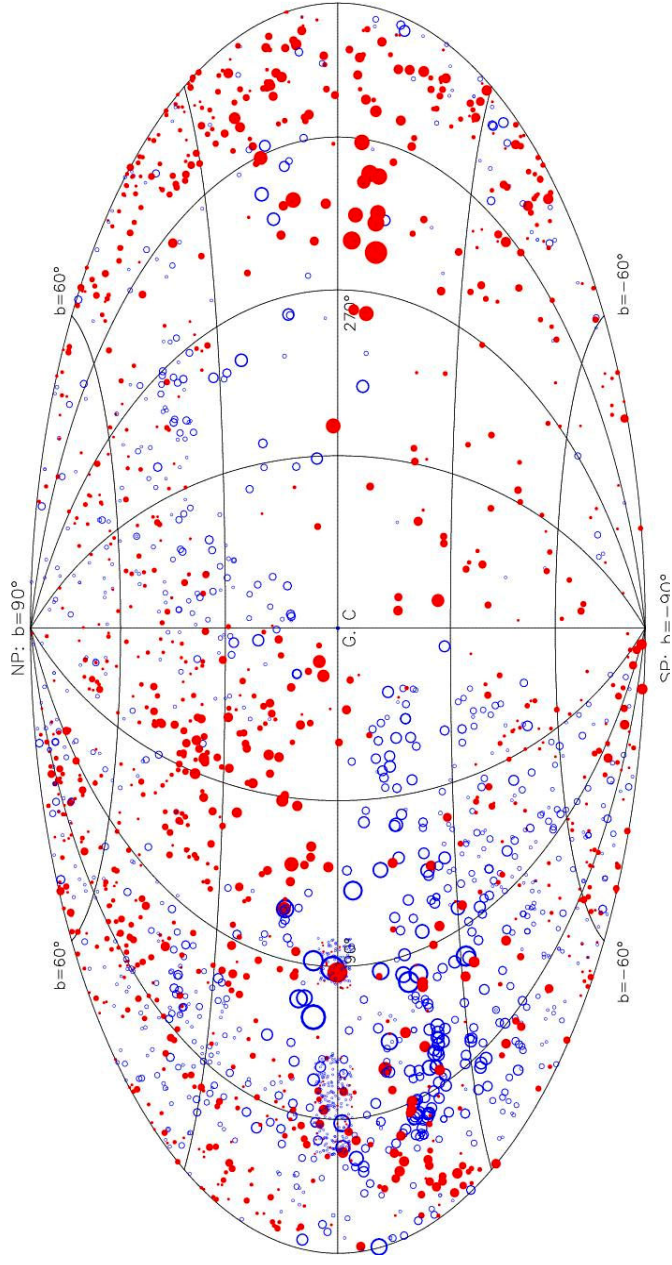


## 1.4 GHz Polarization Survey

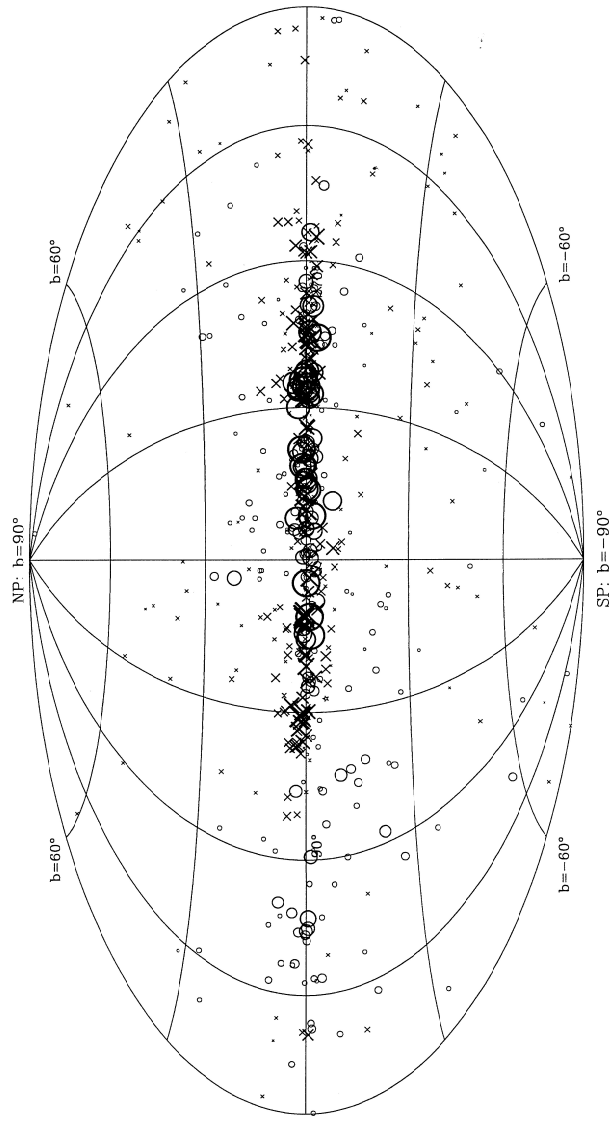




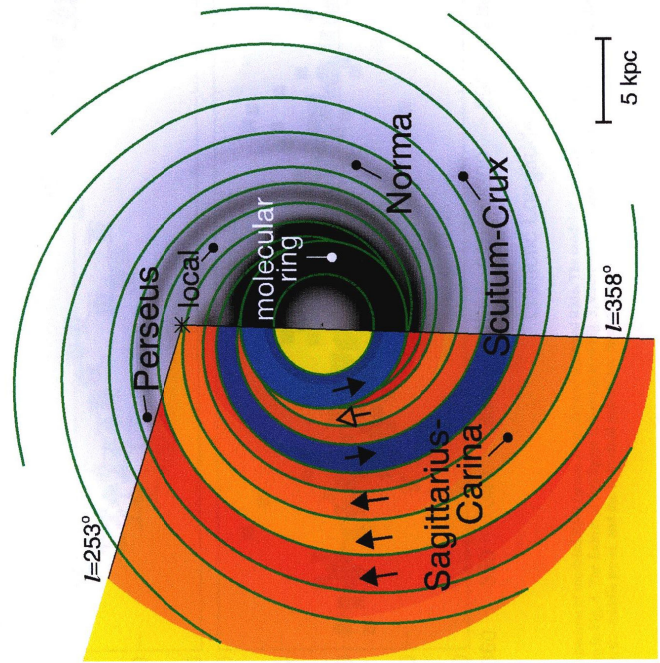
RMS  
of  
extragalactic  
radio  
sources



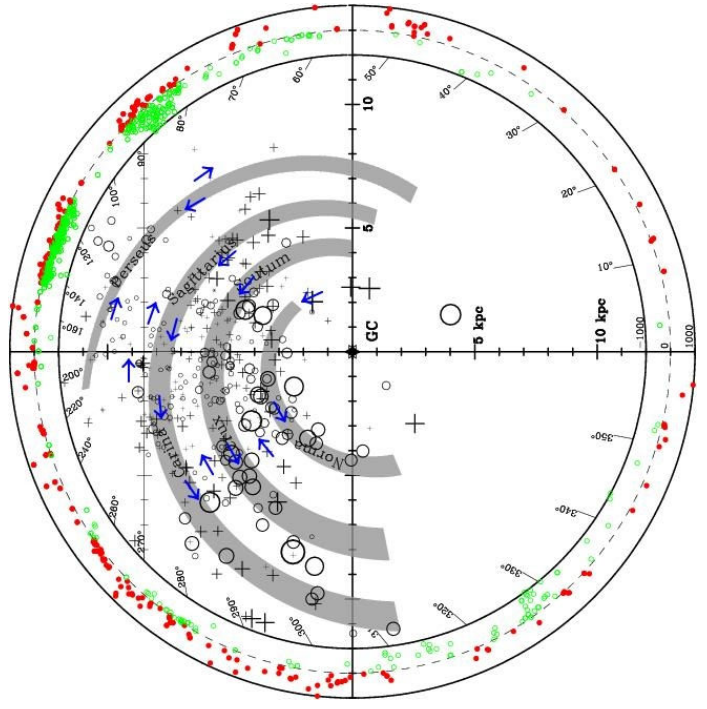
# RMS of pulsars



## Model Distribution of B



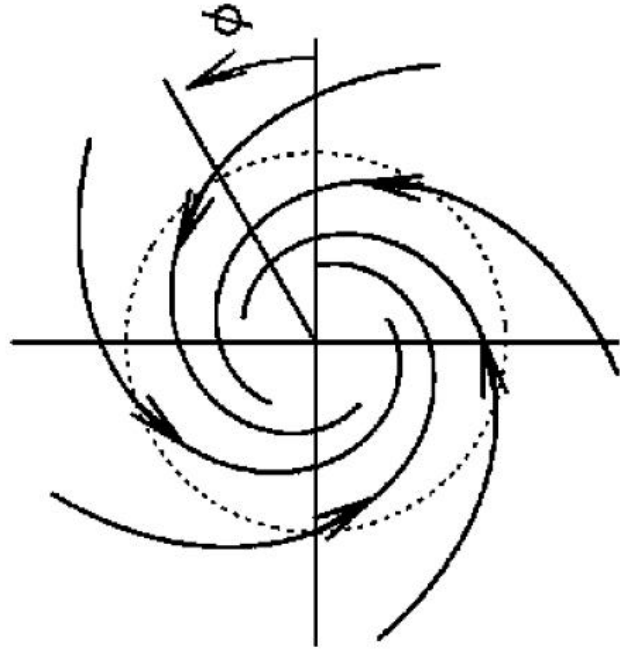
## Legend ( $\mu\text{G}$ )



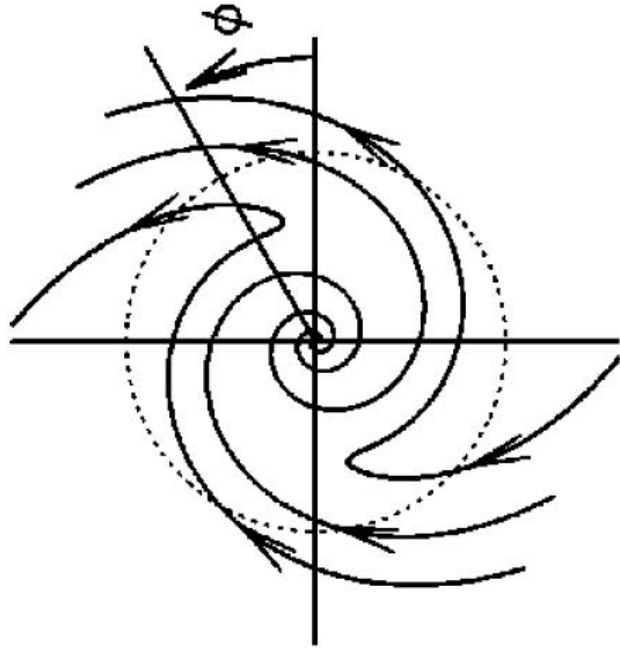


possible field configurations:

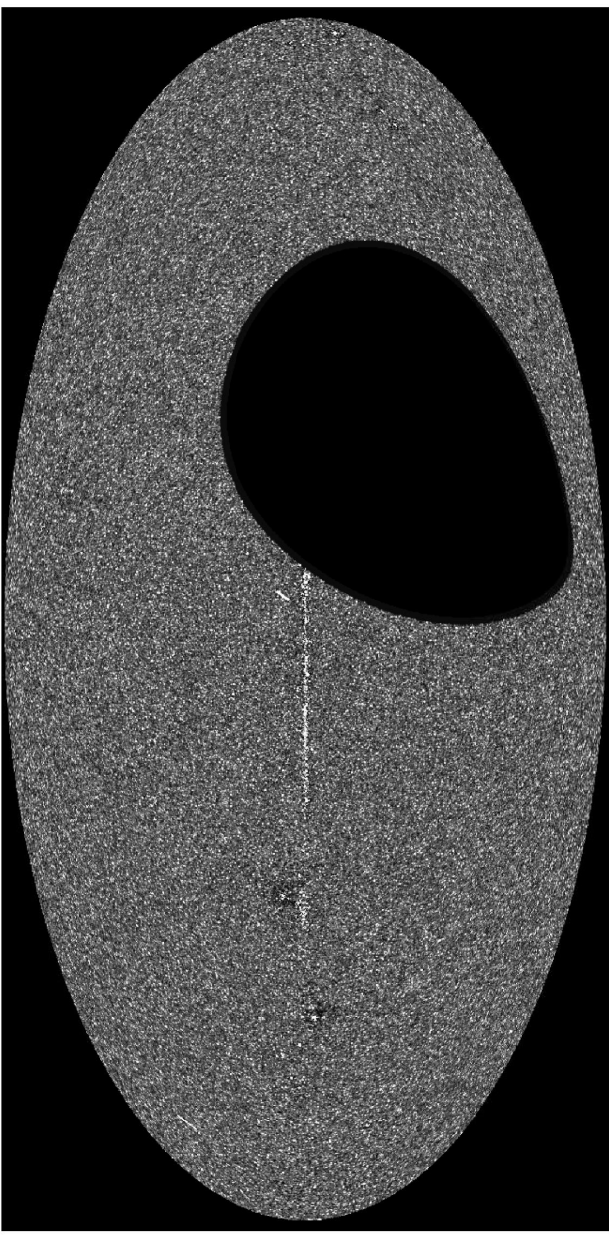
axisymmetric



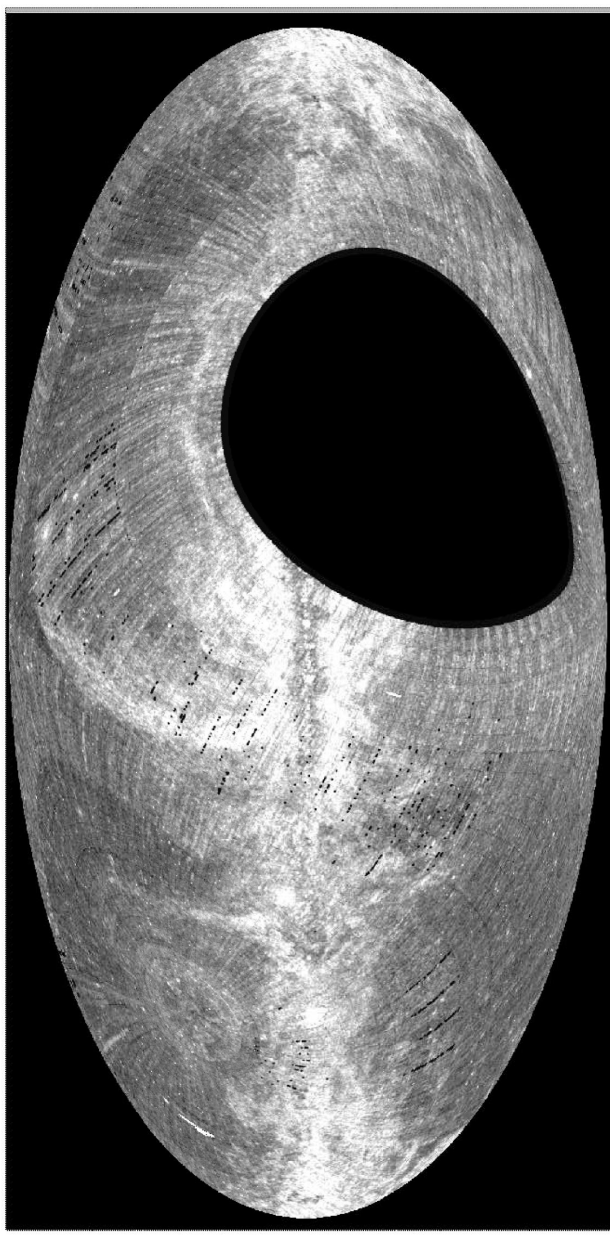
bisymmetric



interferometric  
measurements  
(NVSS):



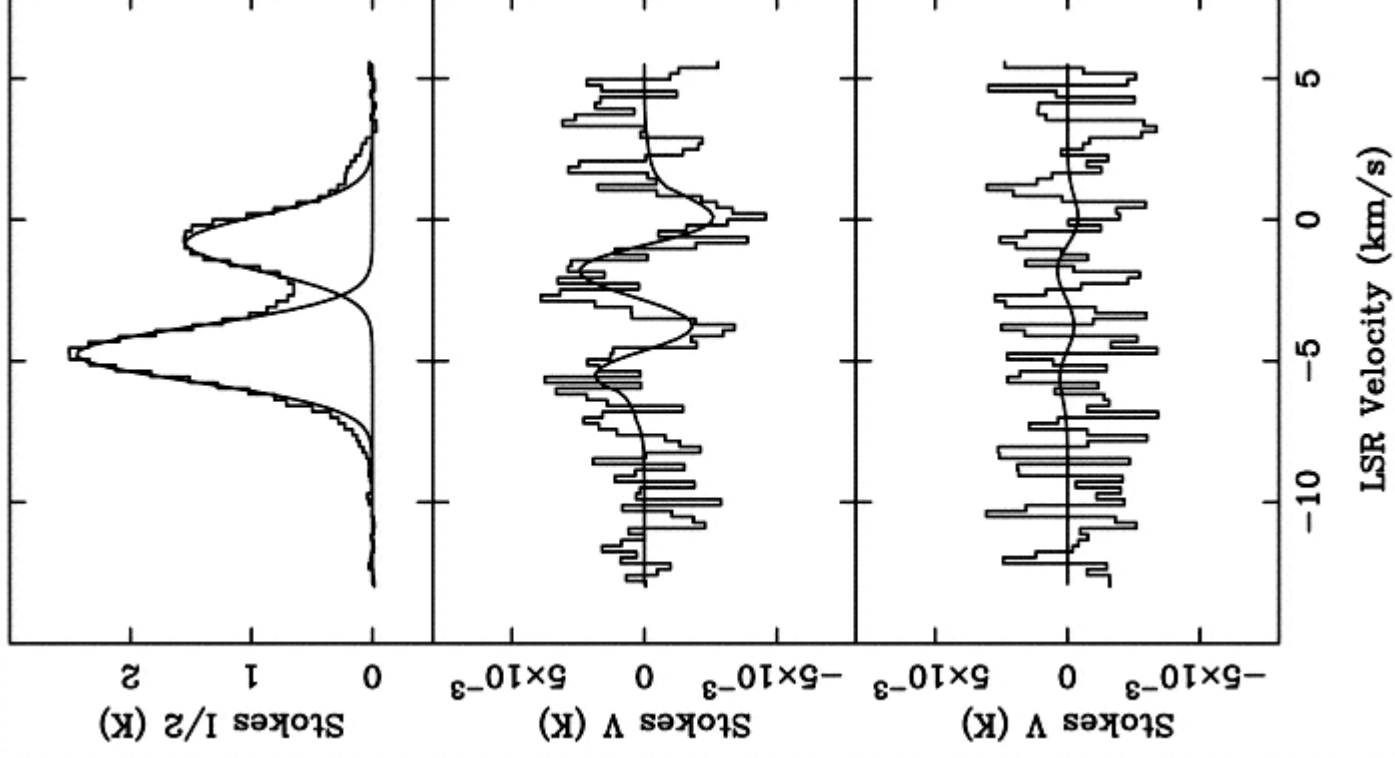
total radio emission

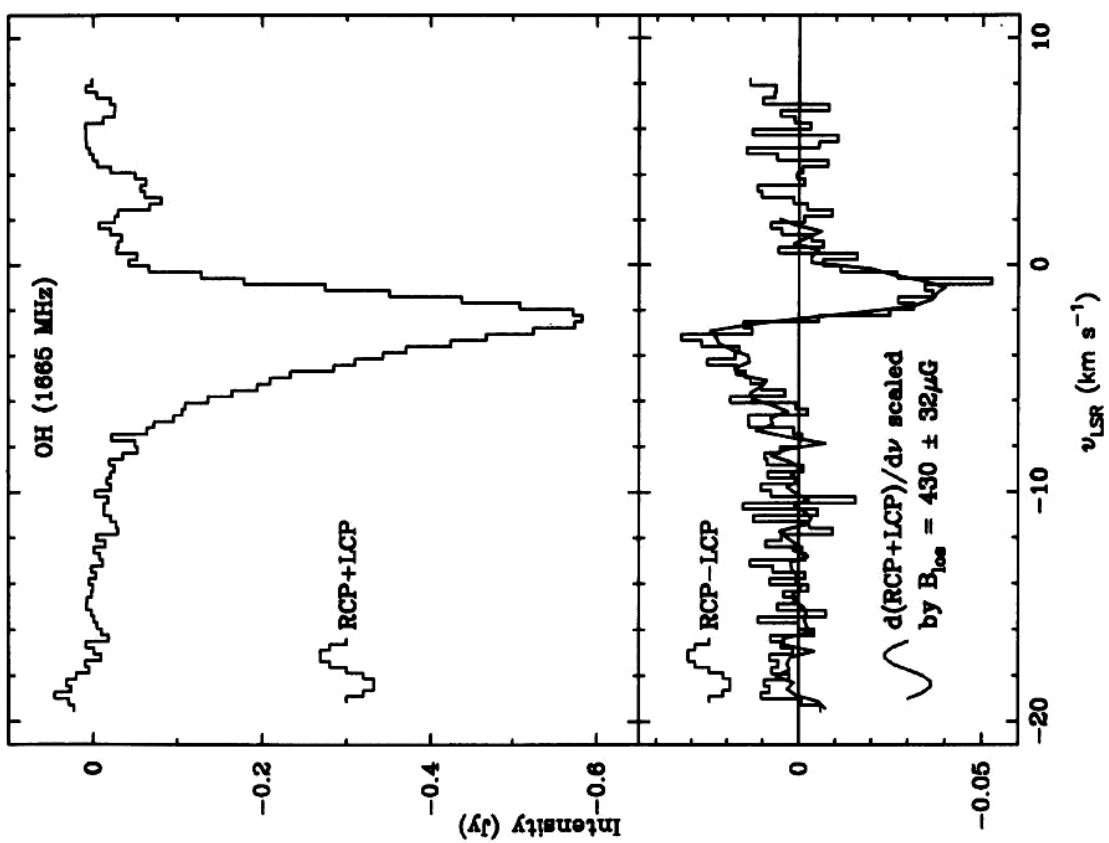
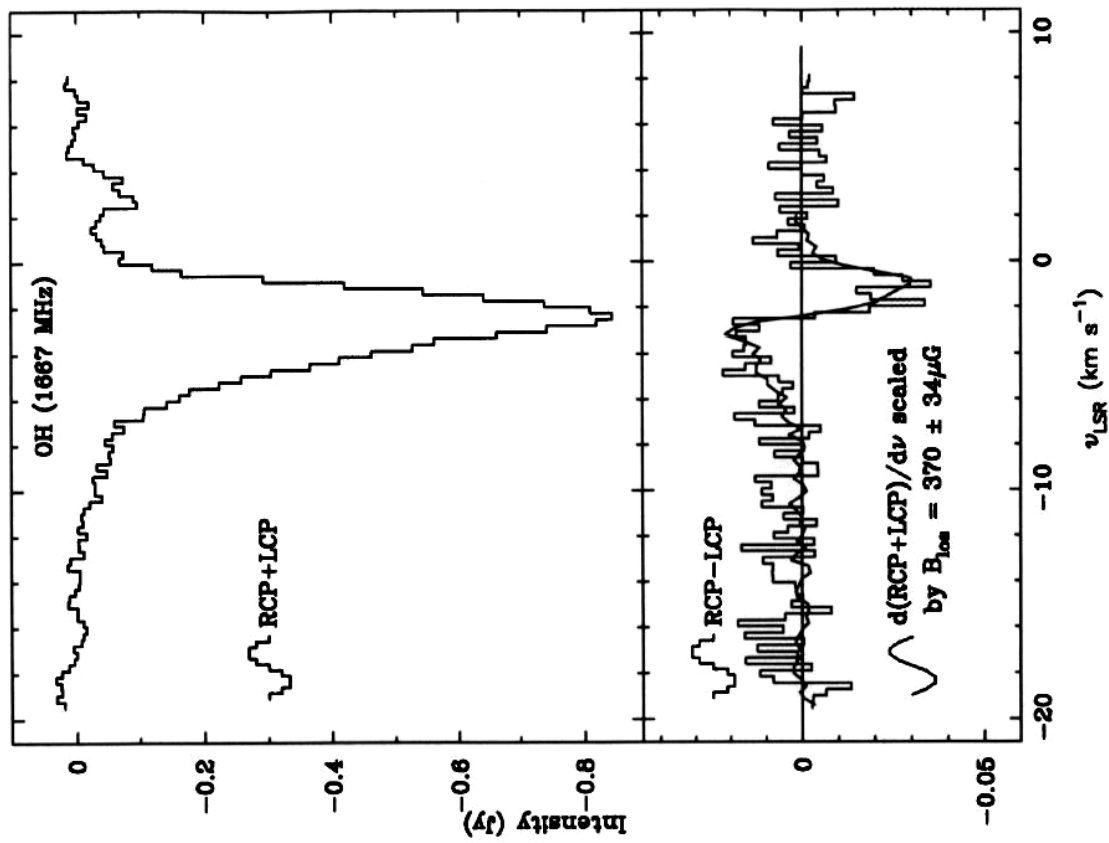


polarized radio emission



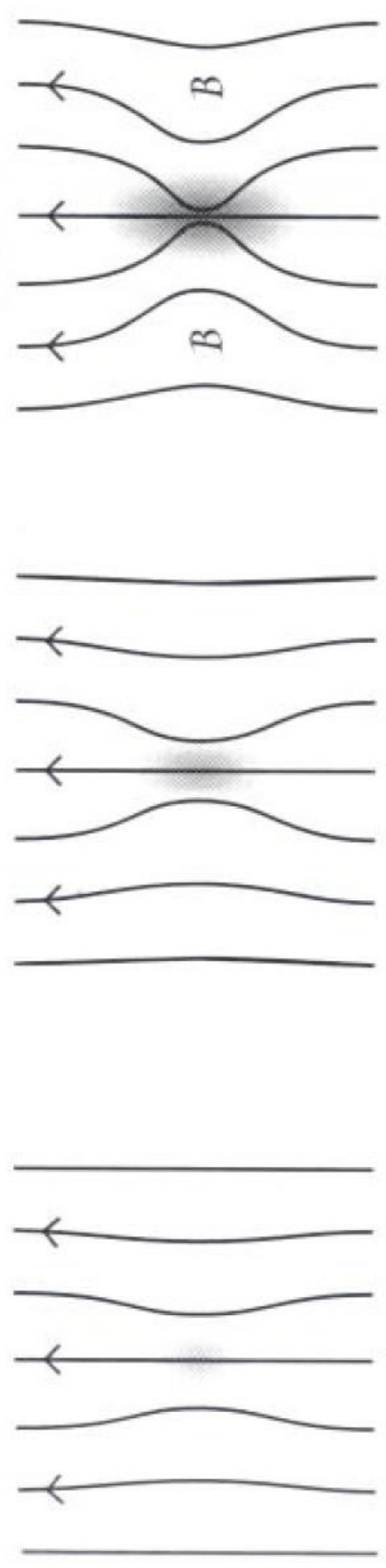
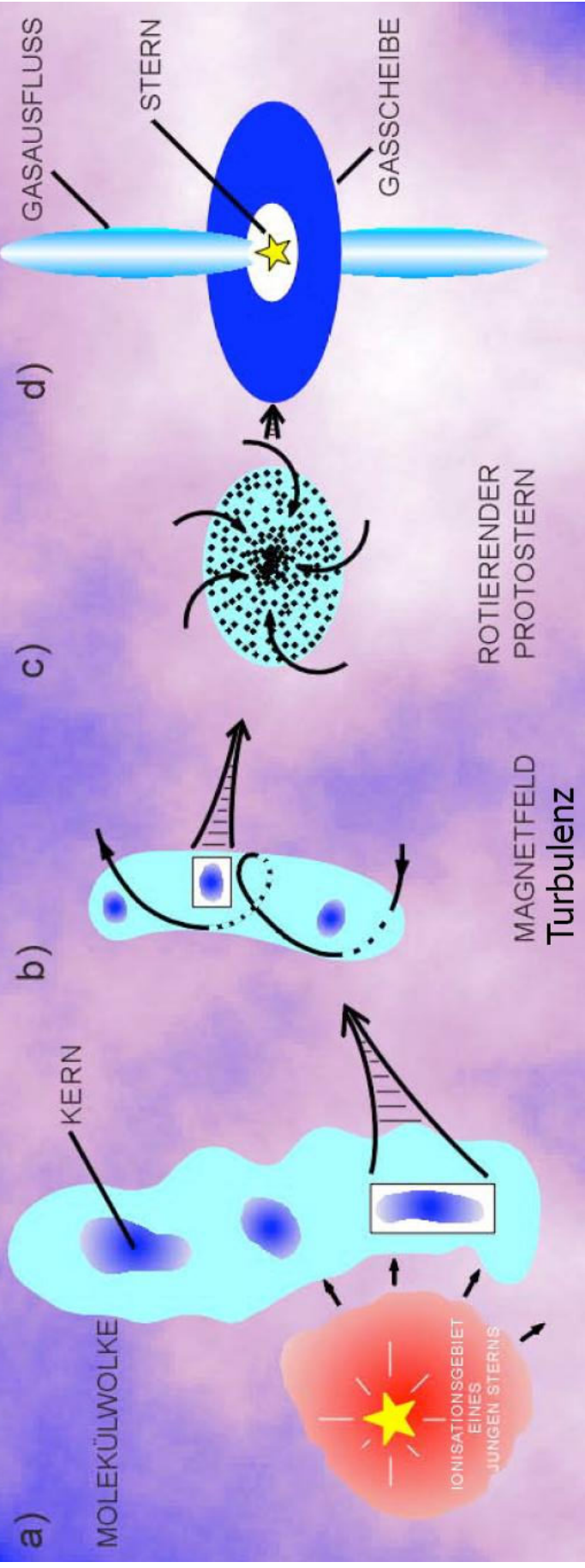
## 4.2 Molecular clouds

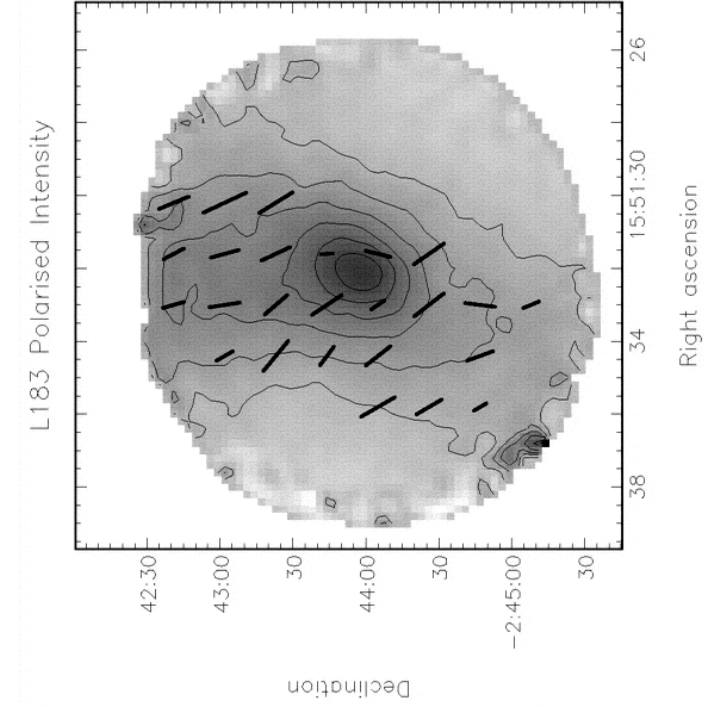
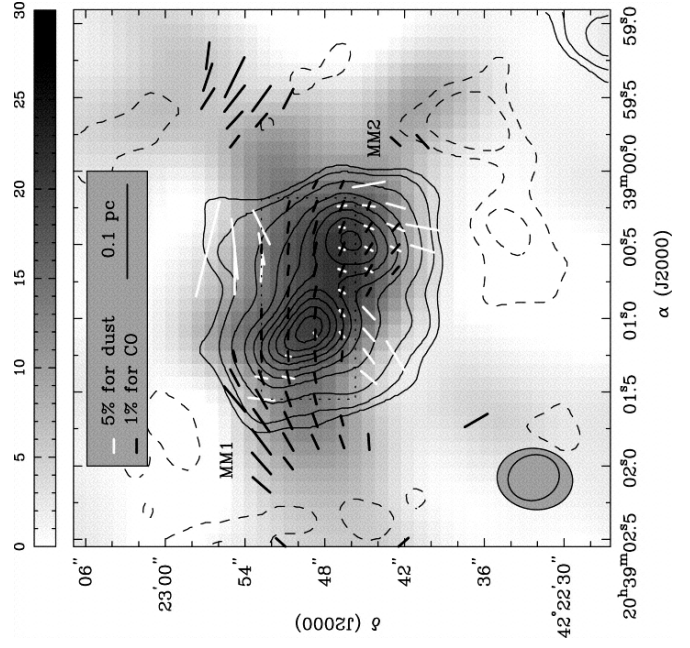
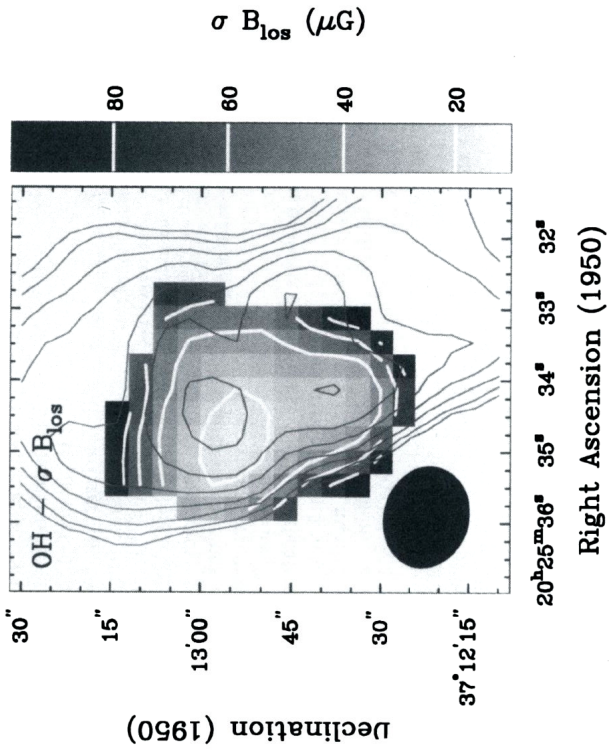
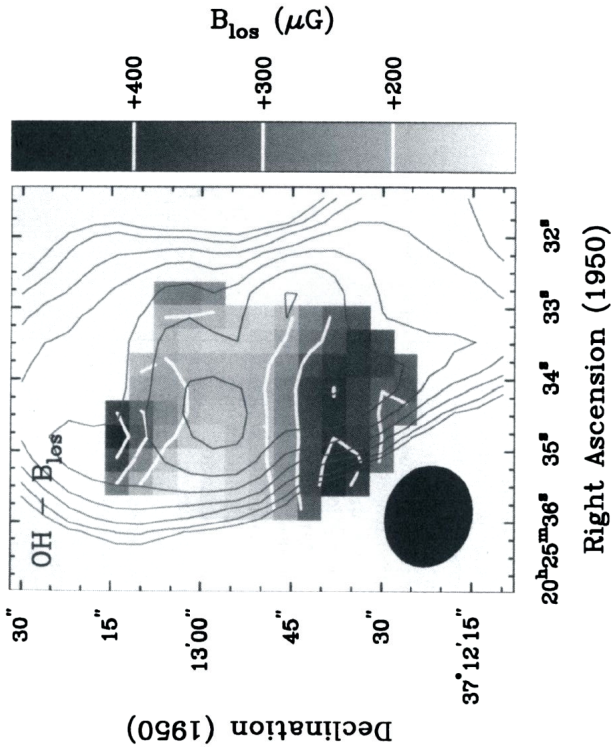






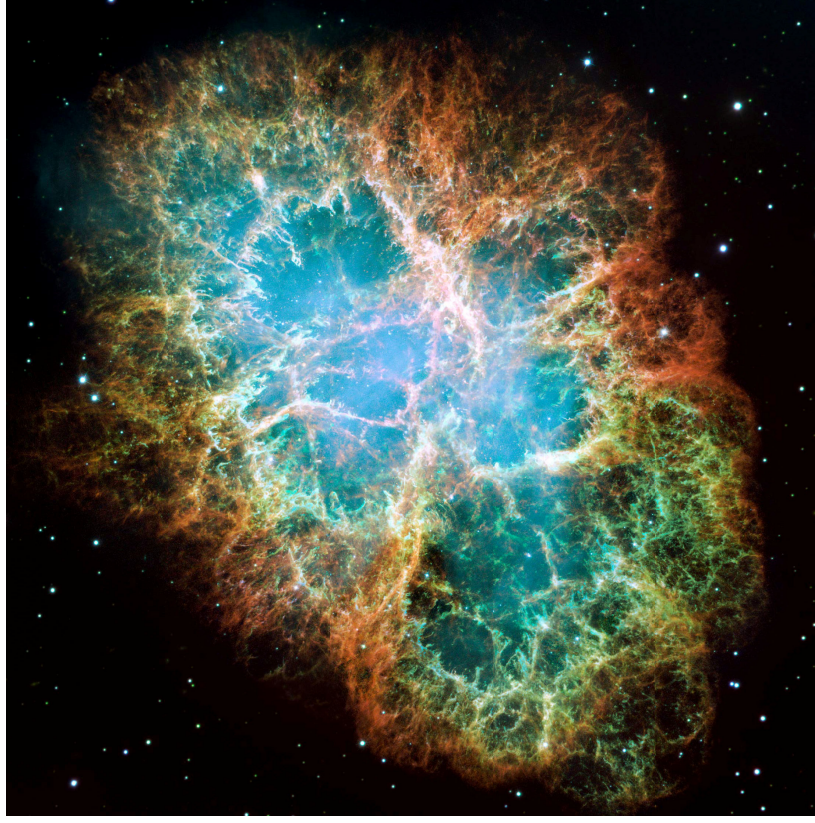
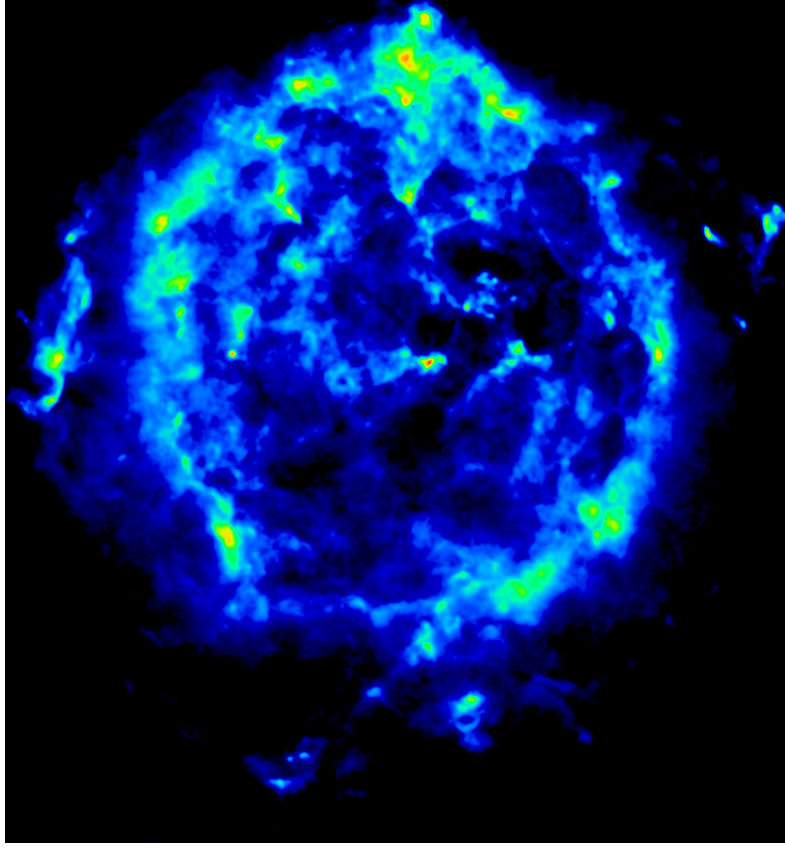
# DIE ENTWICKLUNGSTUFEN DER STERNEENTSTEHUNG





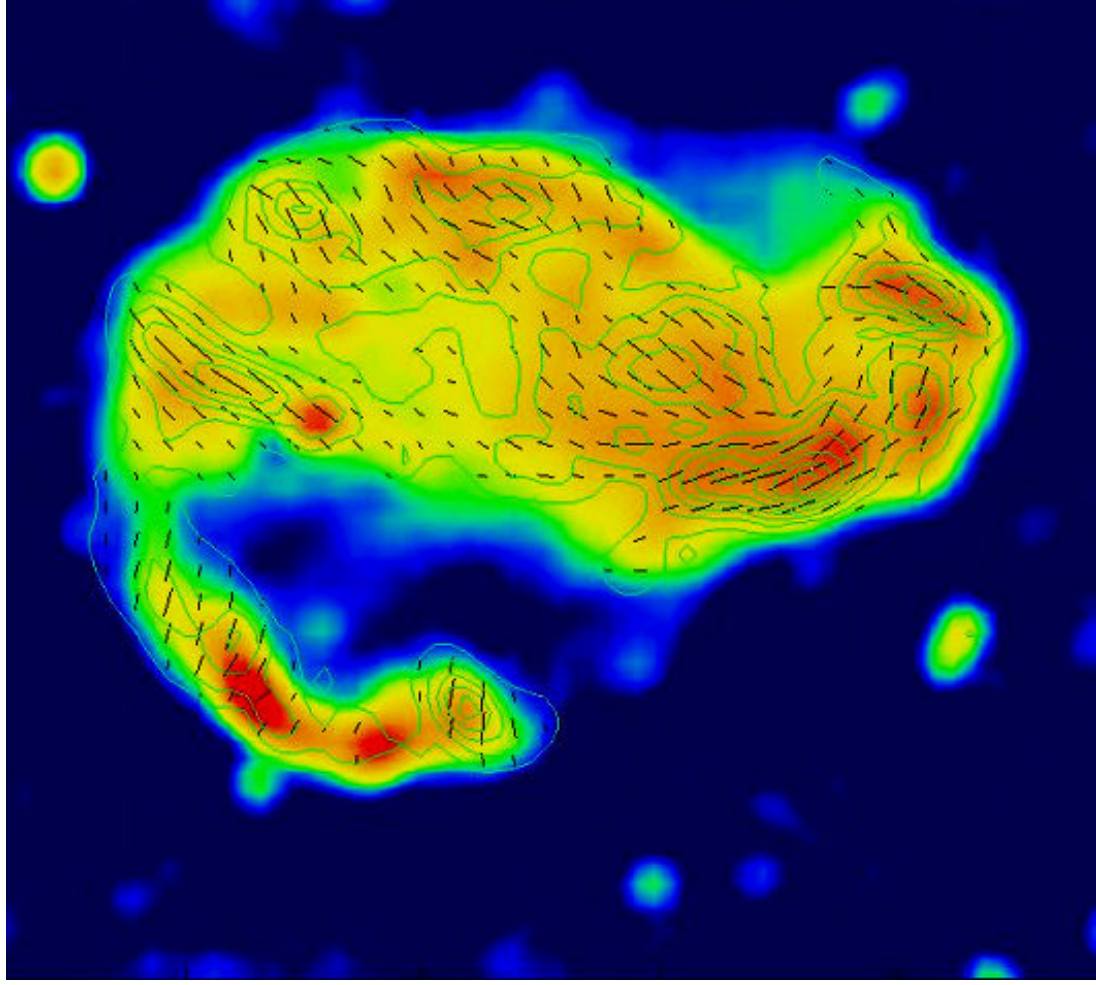
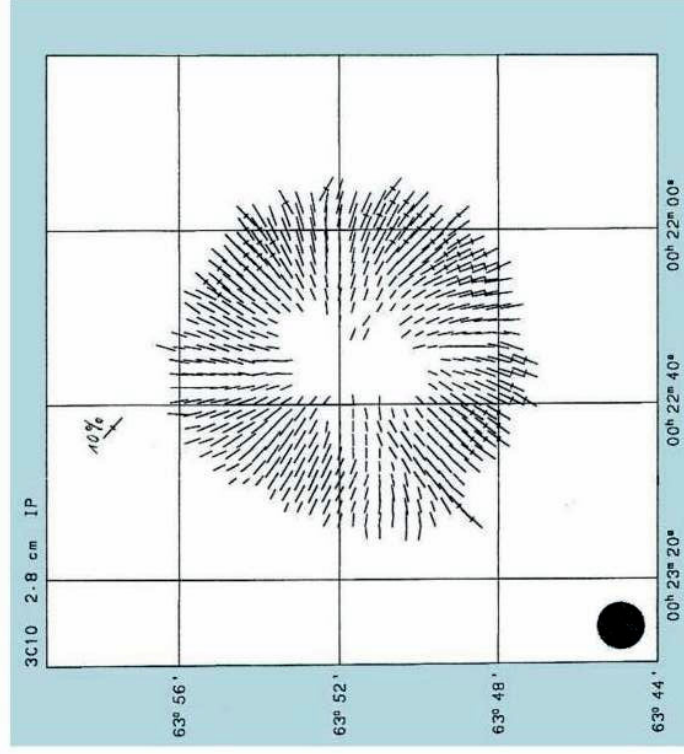
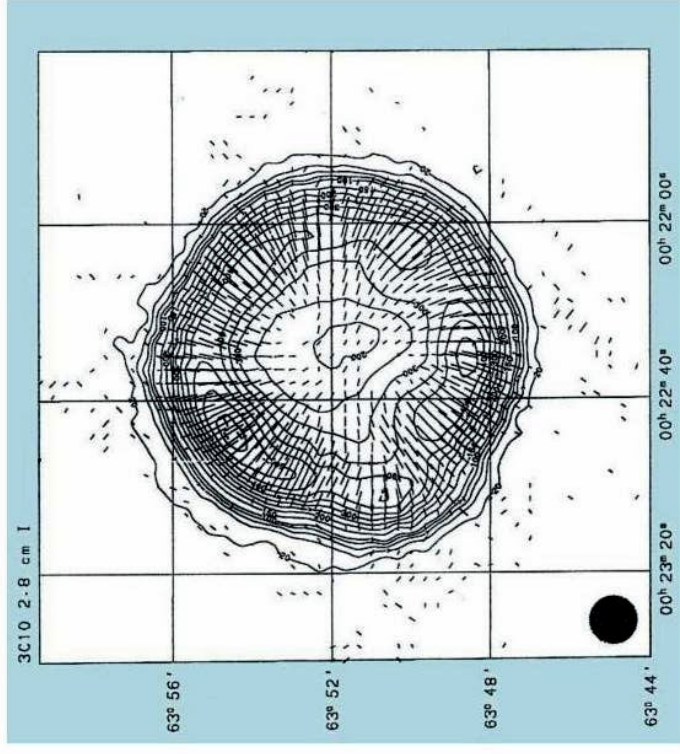


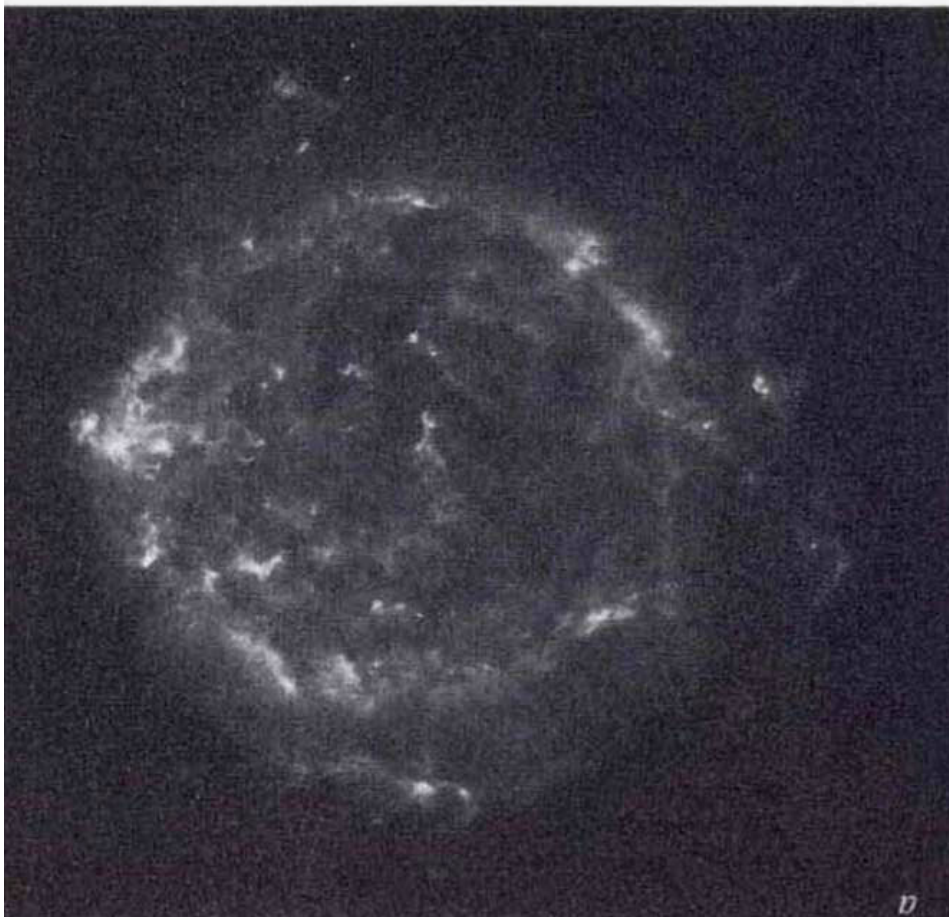
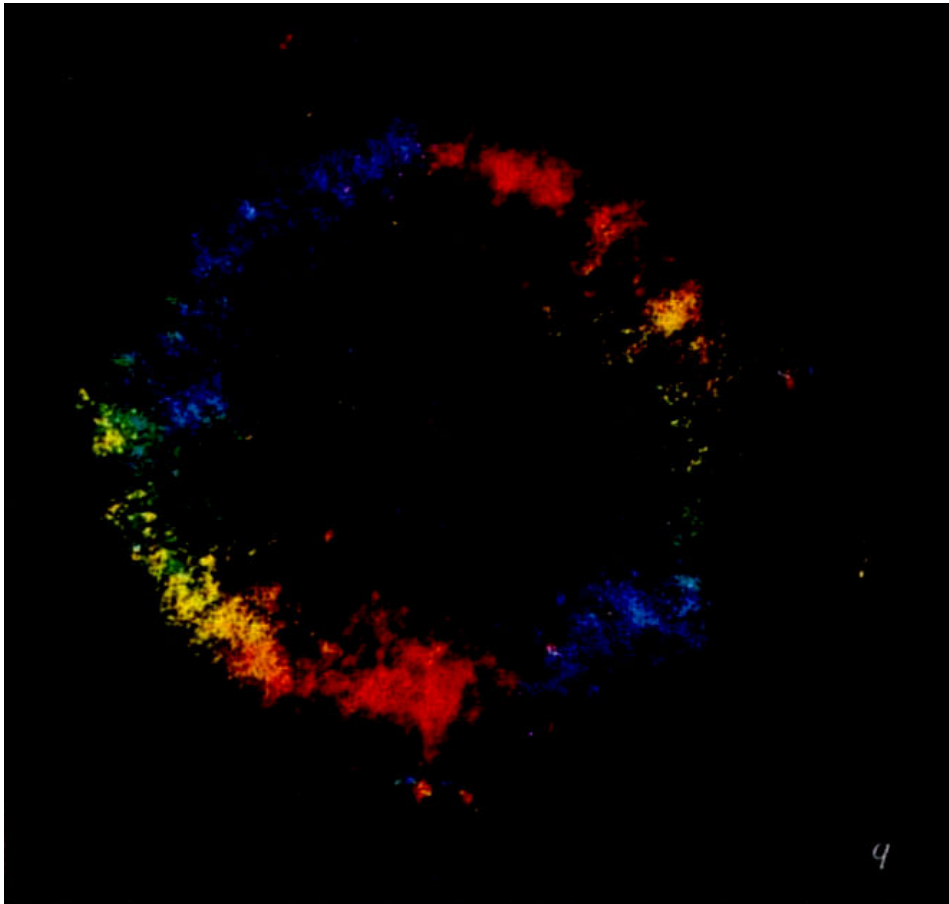
### 4.3 Supernova remnants

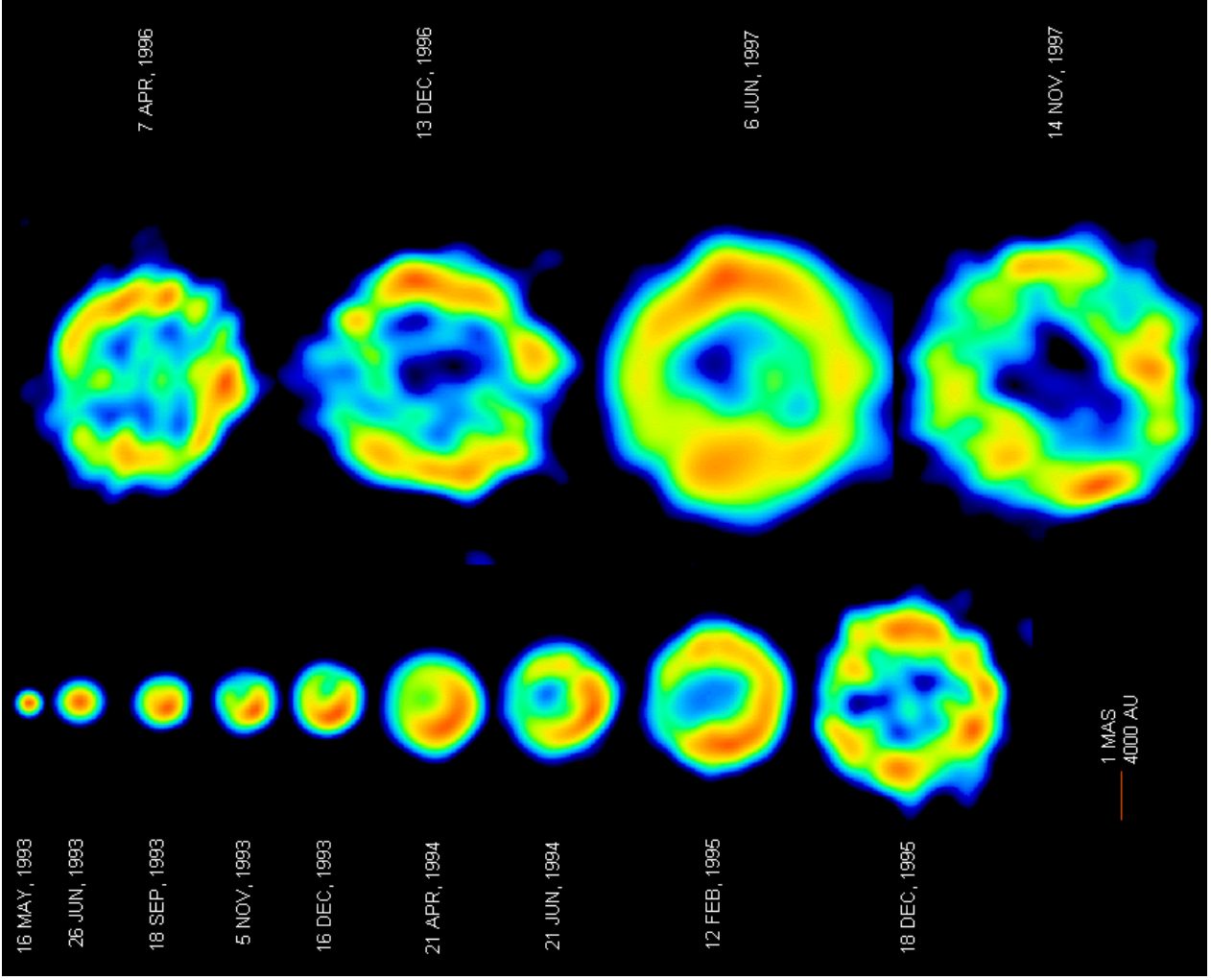




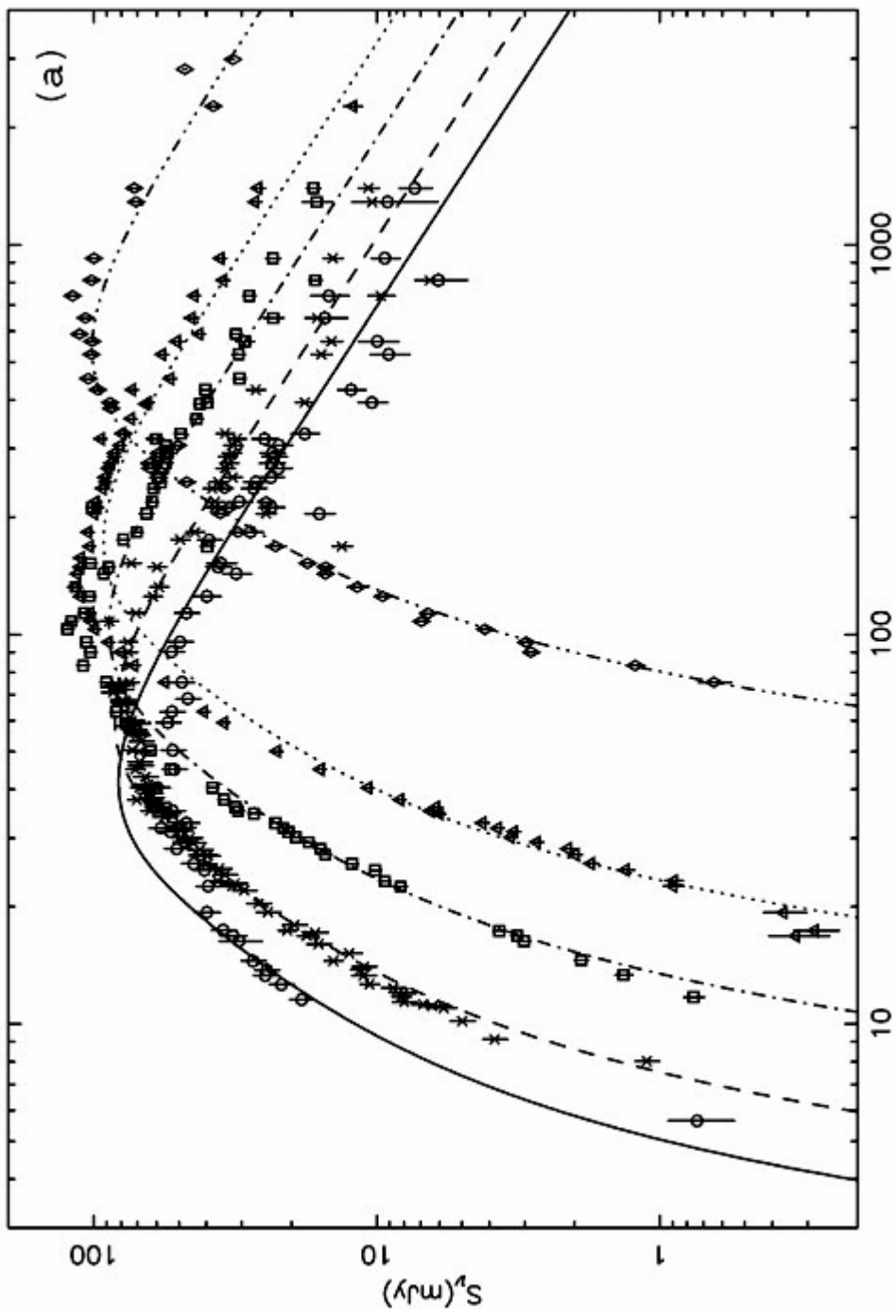
### 4.3 Supernova remnants











$(t-t_0)/\text{days}$  [ $t_0 = (28\text{-Mar-93}) - 0.309 \text{ days}$ .]

