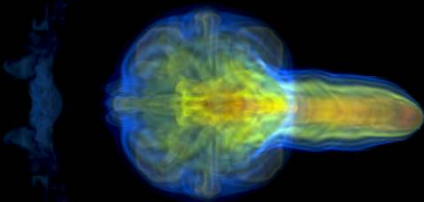
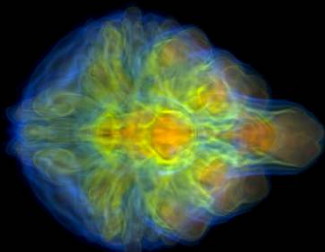


$R=5 \times 10^{15}$



$R=7 \times 10^{15}$



$R=1.0 \times 10^{16}$



log ejecta

-26 -25 -24 -23 -22 -21

