Density vs. distance (xc12=0.500, vdet=1.165E+09 cm/s)

^{16}O and ^{12}C ash burn to NSQE

NSQE material (largely ^{28}Si) burns to NSE

NSE

^{12}C Consumption

Density ($\times 10^7$ g/cm^3)

Log$_{10}$ Distance behind shock (cm)