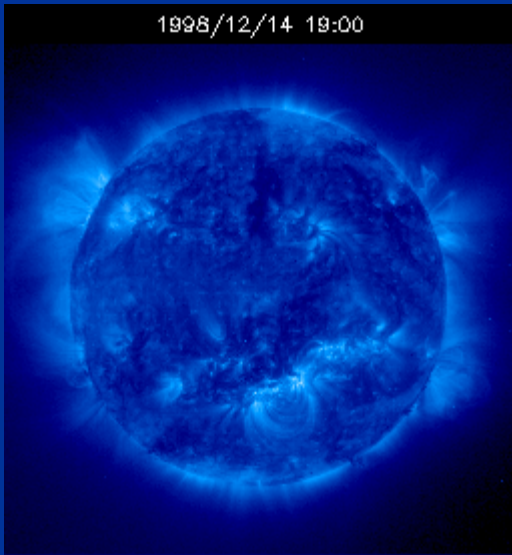


IV. the physics of stellar interiors



- i. introduction
- ii. equation of state of an ideal gas
- iii. mean molecular weight
- iv. equation of state of a degenerate gas
- v. opacity
- vi. approximate form for opacity
- vii. energy release from nuclear reactions
- viii. occurrence of fusion reactions
- ix. hydrogen and helium burning
- x. approximate form for energy release