

Cloudy

ISM Course: Assignment 2 Report

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Abstract

abstract

1

black body, $T = 40000$ K radius = 12.113943 CMB hden = 2 init file="ism.ini"
abundance ism.abn abund he -1 C-3.6576 N-4.39794 O-3.481146 ne-4.30103 mg-8
continue si-8 s-5.04576 cl=-7 ar-8 fe-8 sphere radius = 18.477121 set temperature
floor 1000 stop temperature 100K stop efrac -3 database h-like element hydrogen
levels resolved 10 iterate print lines emergent off print column densities print
line optical depths save overview last ".ovr" save linelist ".lin" "LineListHII.dat"
last no hash column table lines "LineListHII.dat" table lines "LineListHII.dat"