

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

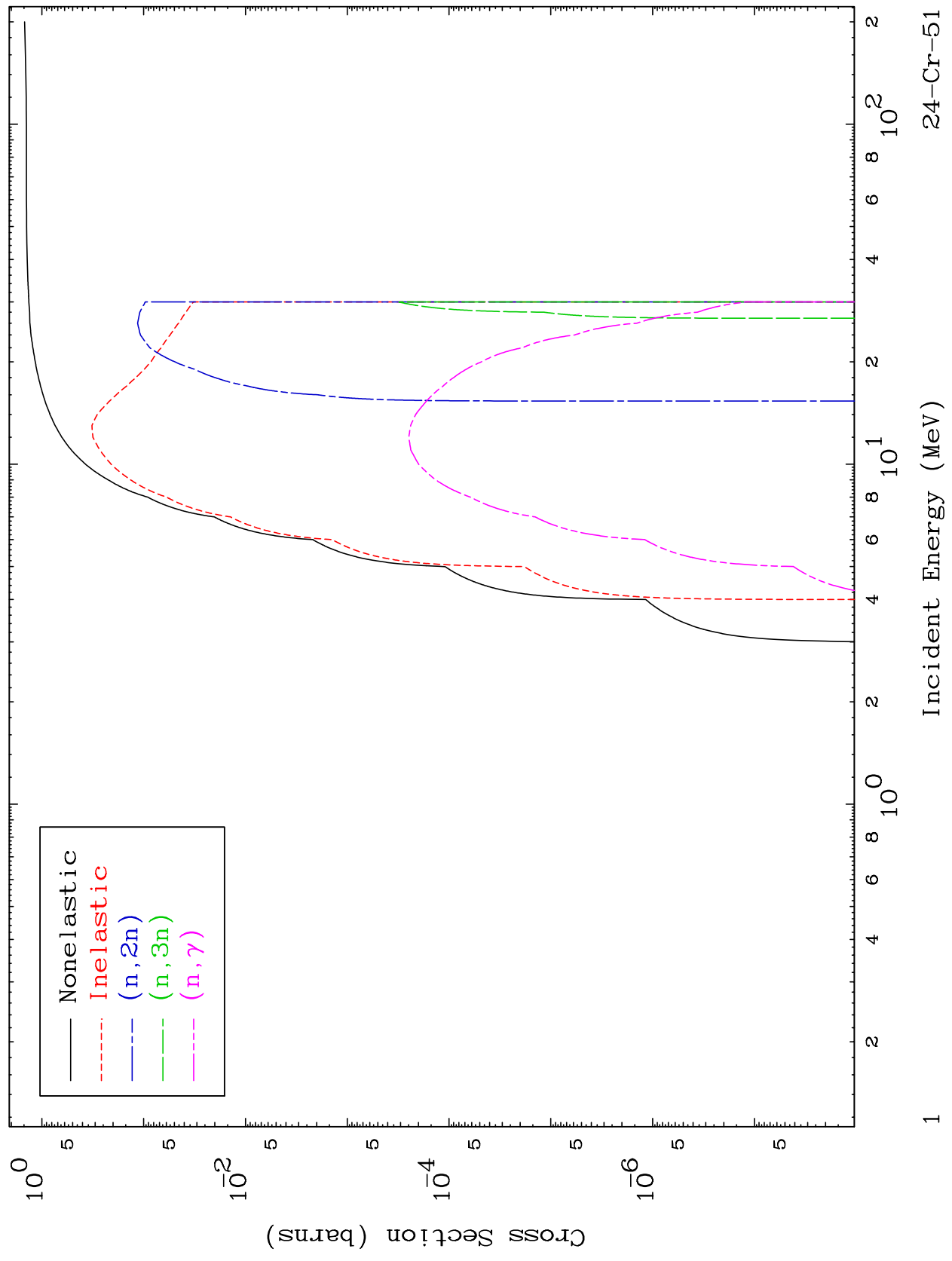
Press Mouse Button to Start

MAT 2428

0 Kelvin

Major Cross Sections

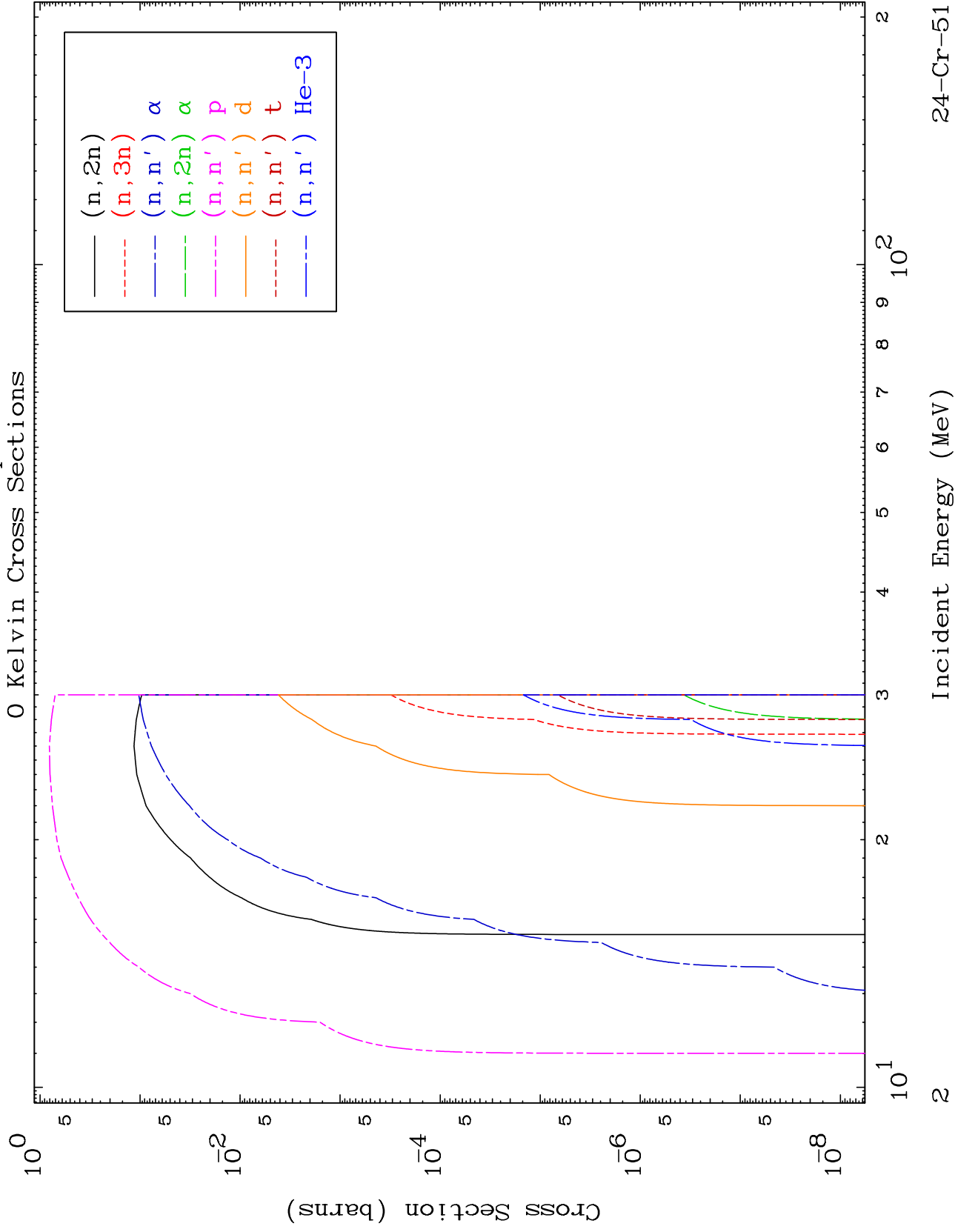
24-Cr-51



MAT 2428

α Neutron Absorption
0 Kelvin Cross Sections

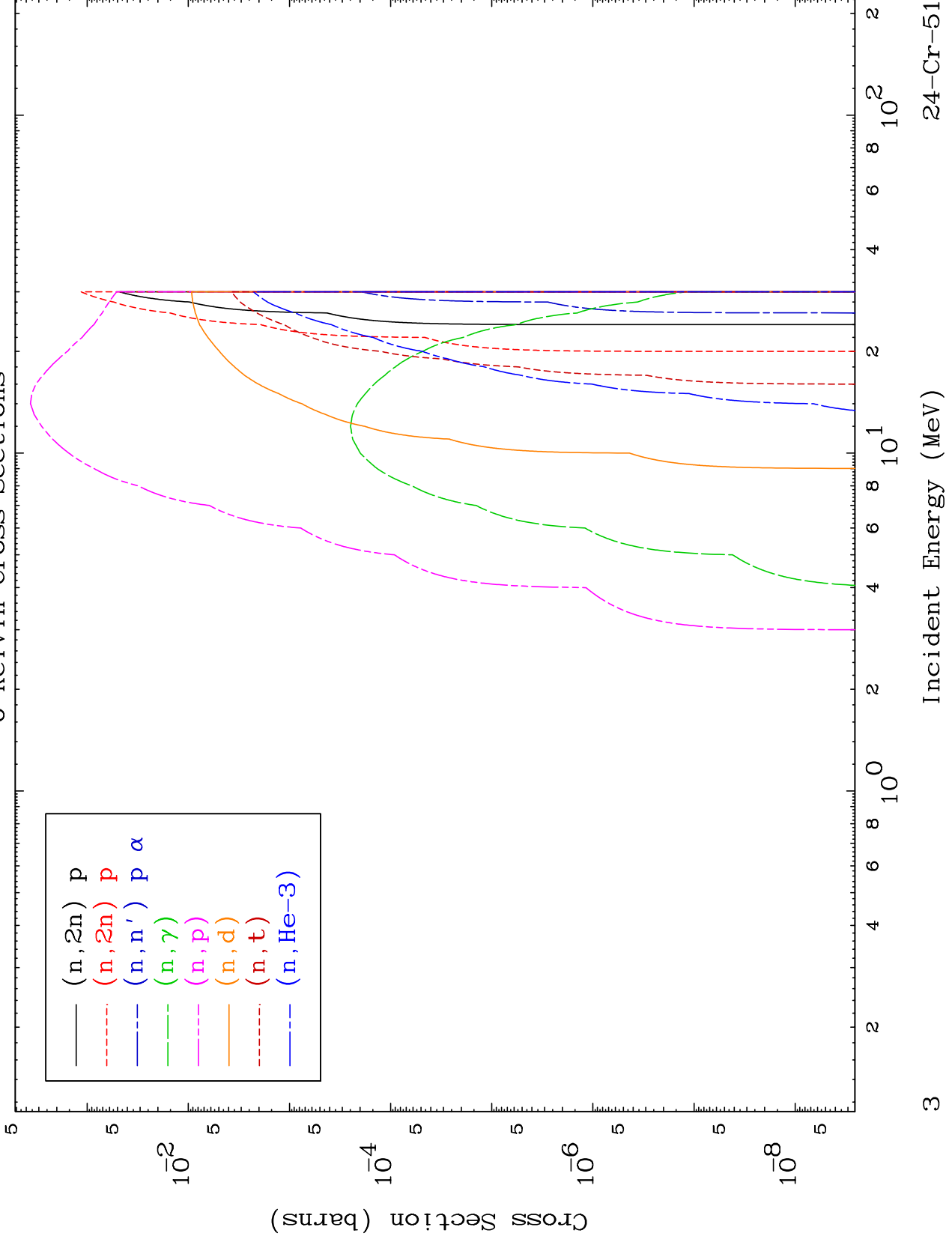
24-Cr-51



MAT 2428

α Neutron Absorption
0 Kelvin Cross Sections

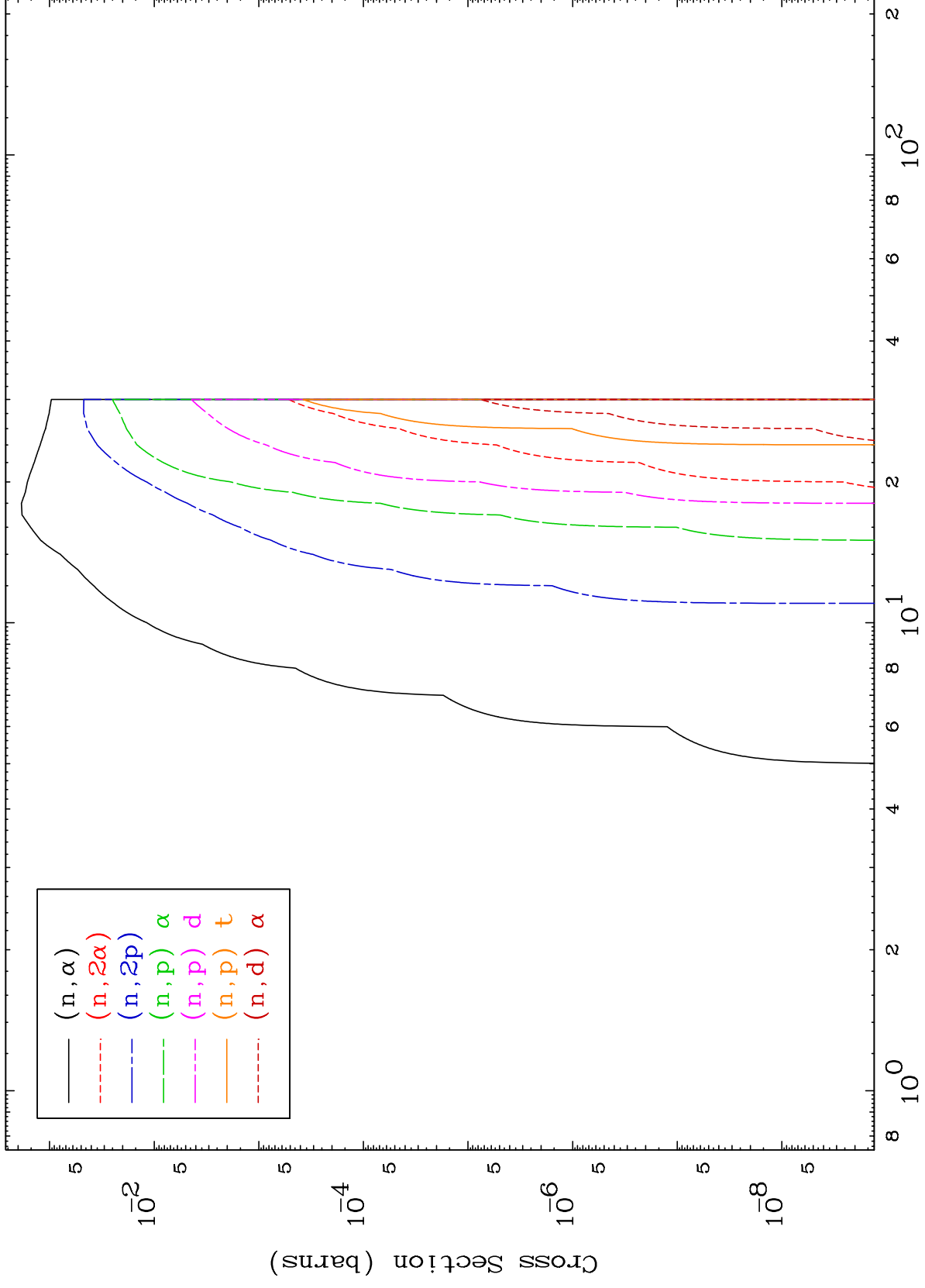
24-Cr-51



MAT 2428

α Neutron Absorption
0 Kelvin Cross Sections

24-Cr-51



24-Cr-51

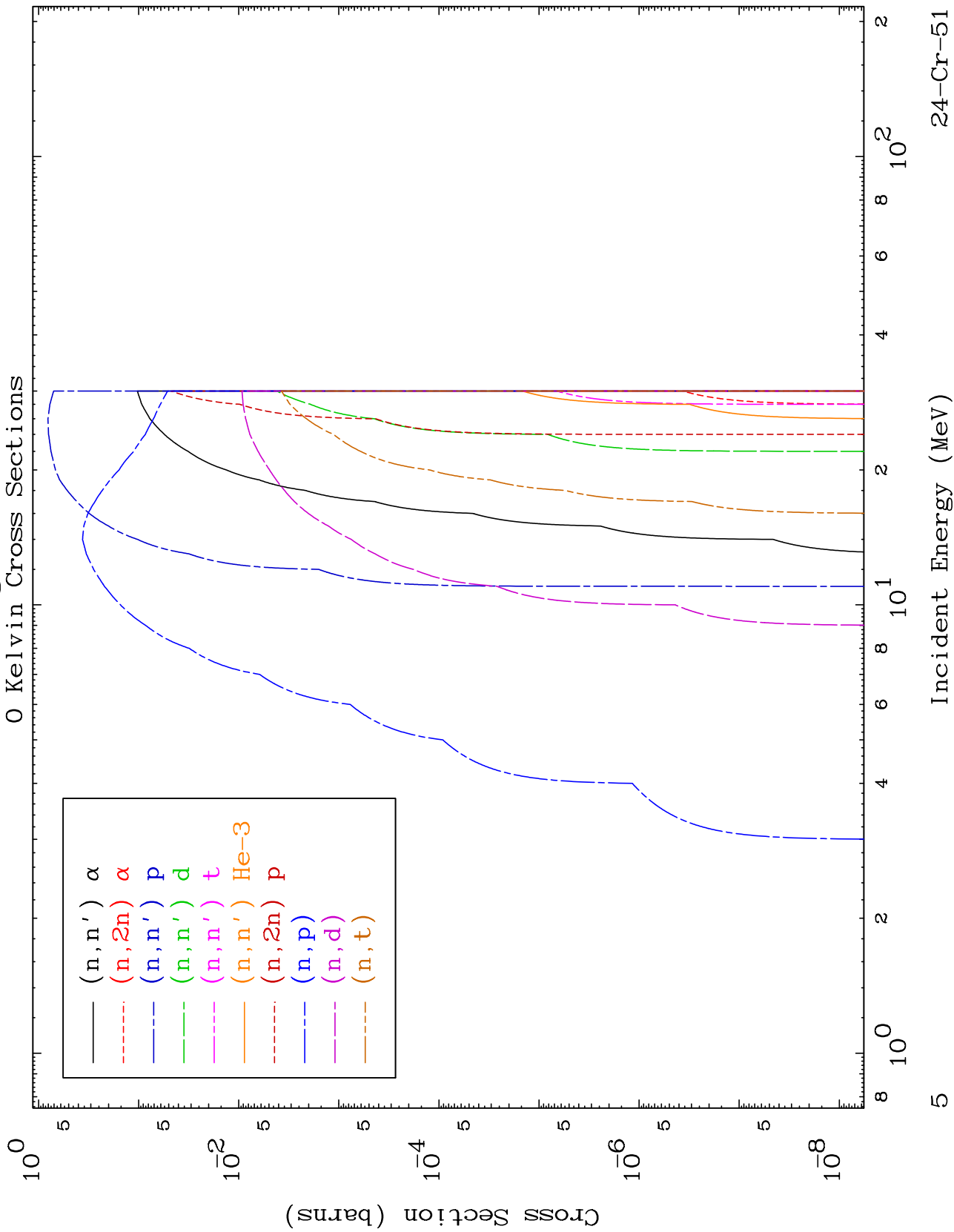
Incident Energy (MeV)

4

MAT 2428

α Charged Particle
0 Kelvin Cross Sections

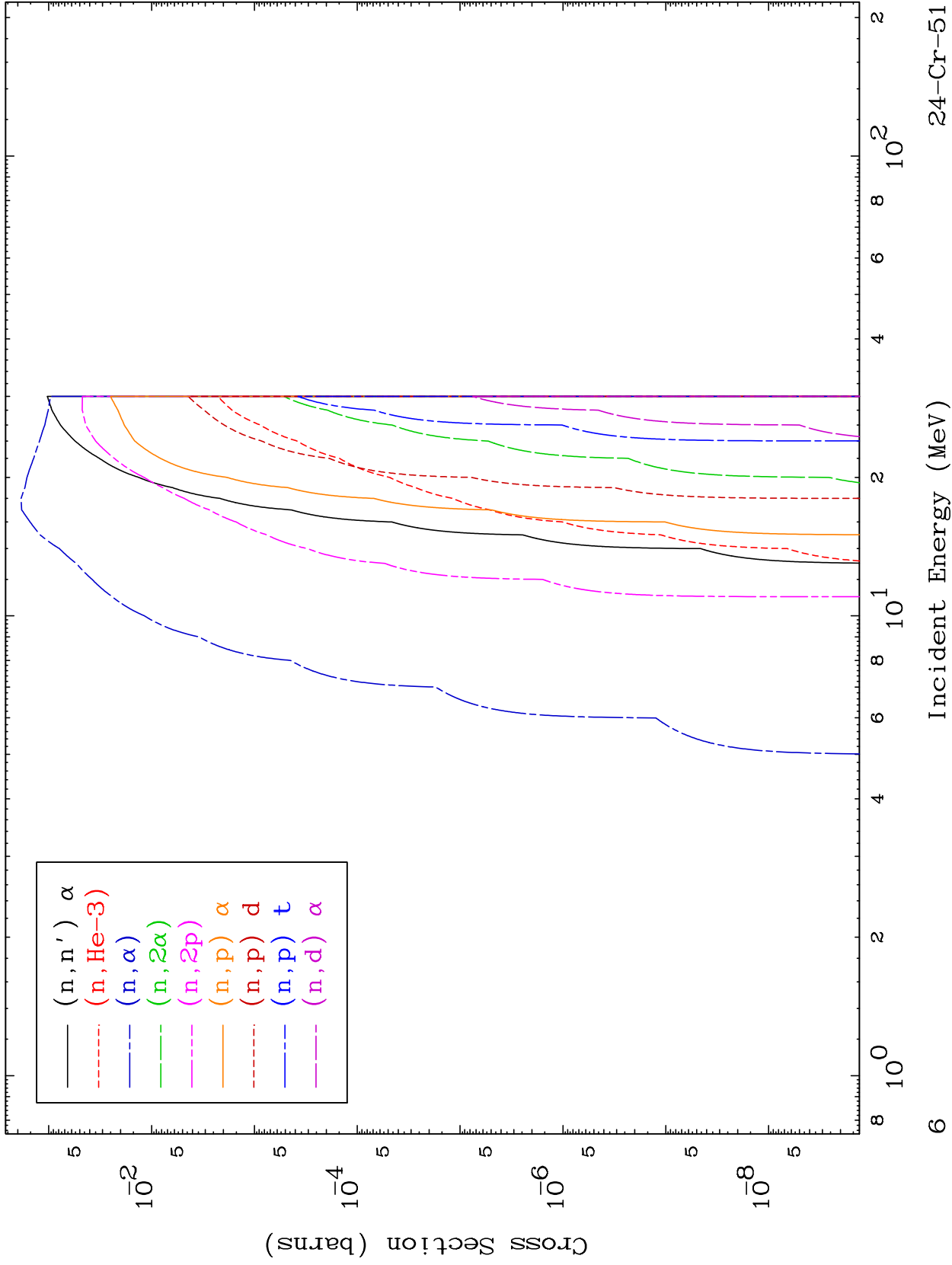
24-Cr-51



MAT 2428

α Charged Particle
0 Kelvin Cross Sections

24-Cr-51

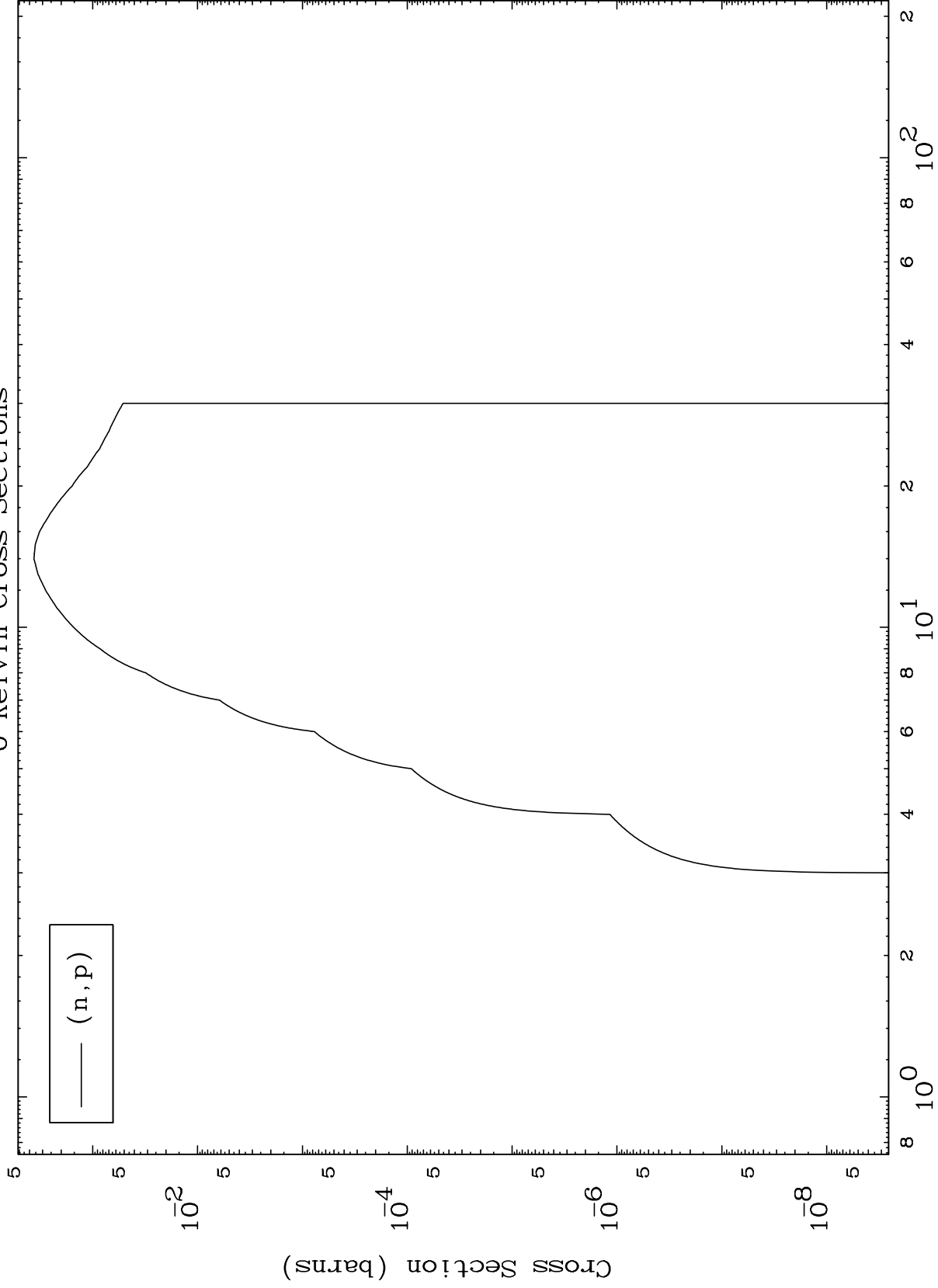


24-Cr-51

MAT 2428

24-Cr-51

(α, p) Levels
0 Kelvin Cross Sections



24-Cr-51

Incident Energy (MeV)

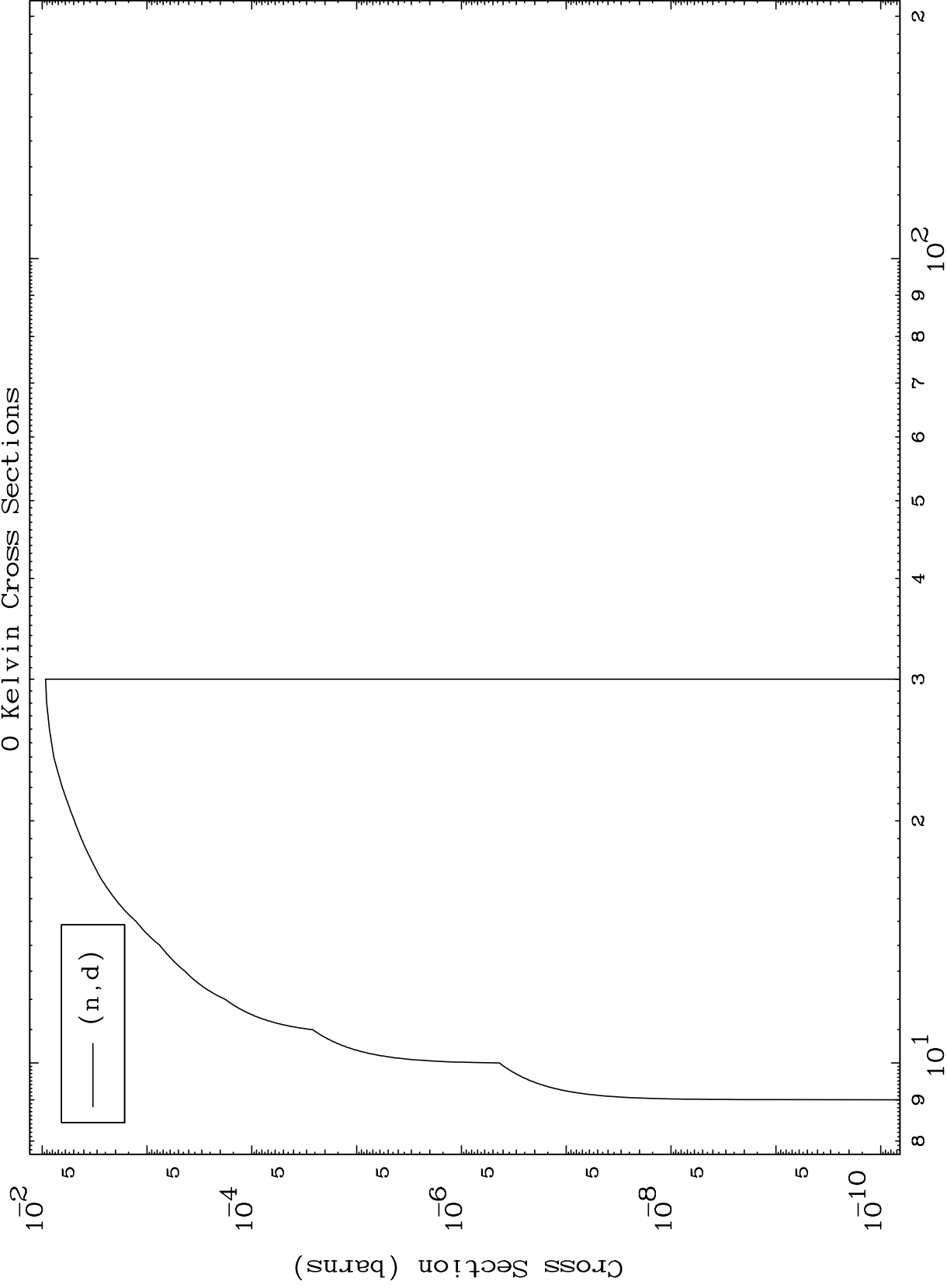
7

MAT 2428

(α, d) Levels

$^{24}\text{Cr-51}$

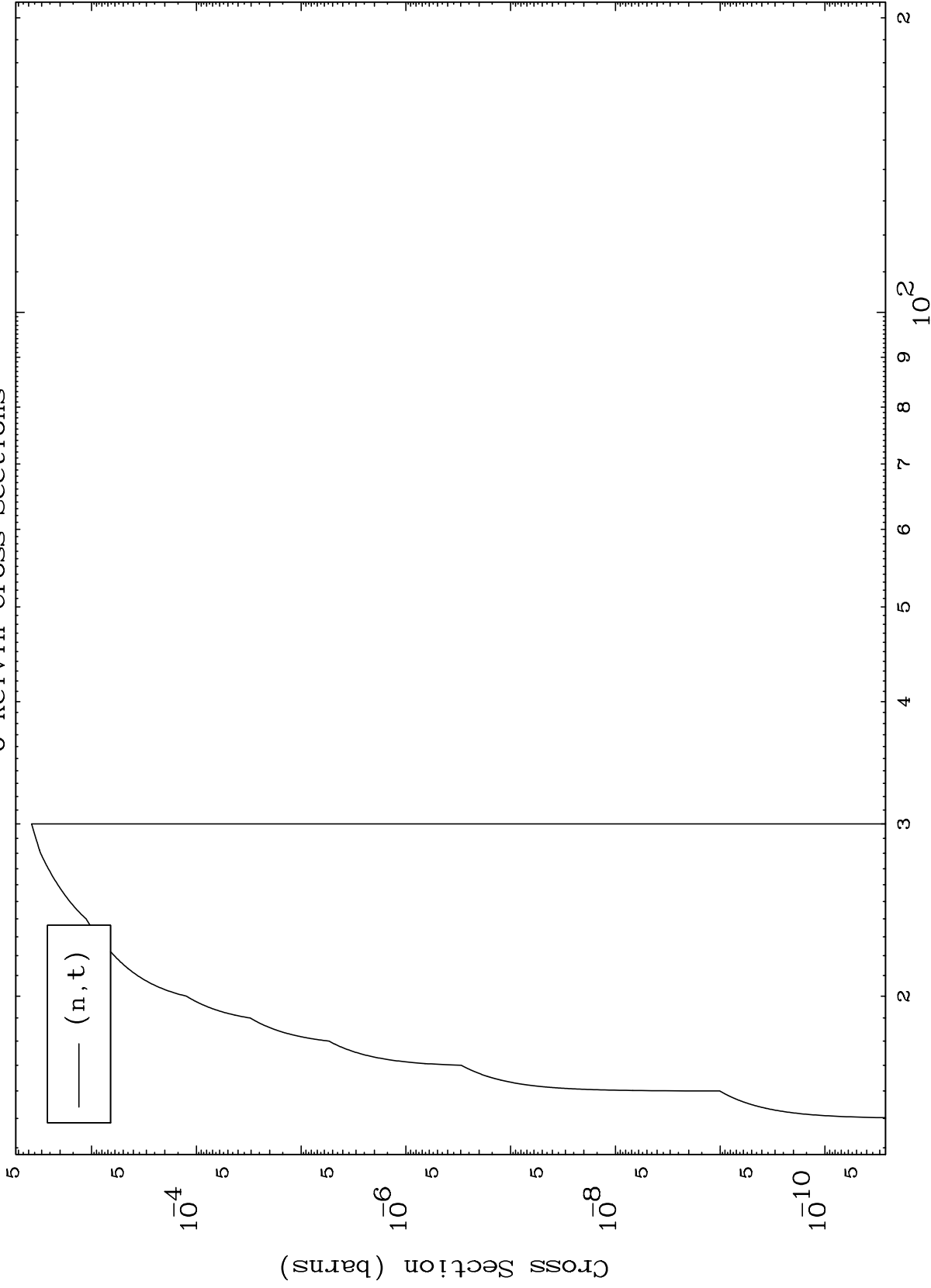
0 Kelvin Cross Sections



Incident Energy (MeV)

$^{24}\text{Cr-51}$

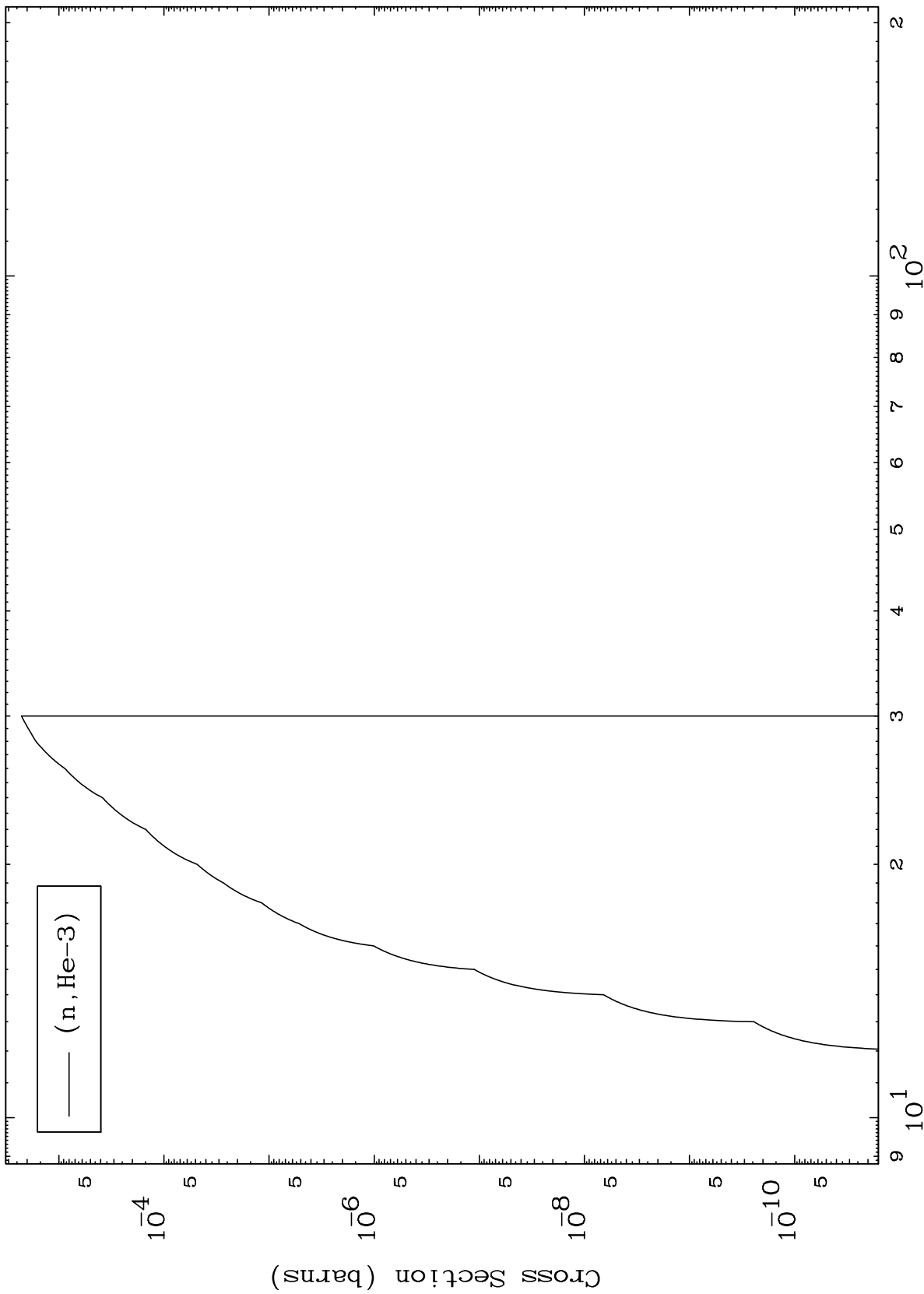
8



MAT 2428

24-Cr-51

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



24-Cr-51

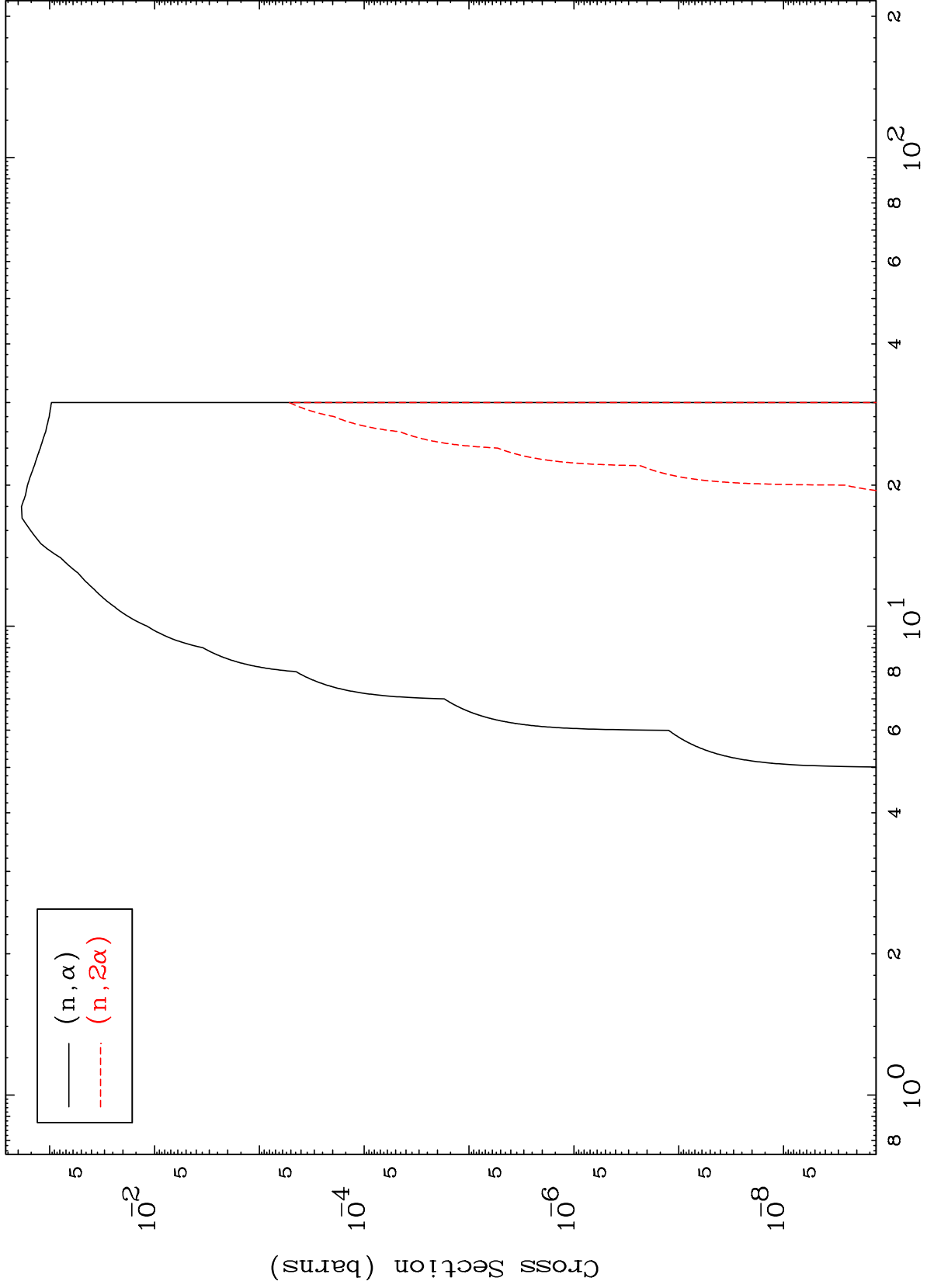
Incident Energy (MeV)

MAT 2428

(α, α) Levels

24-Cr-51

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

11

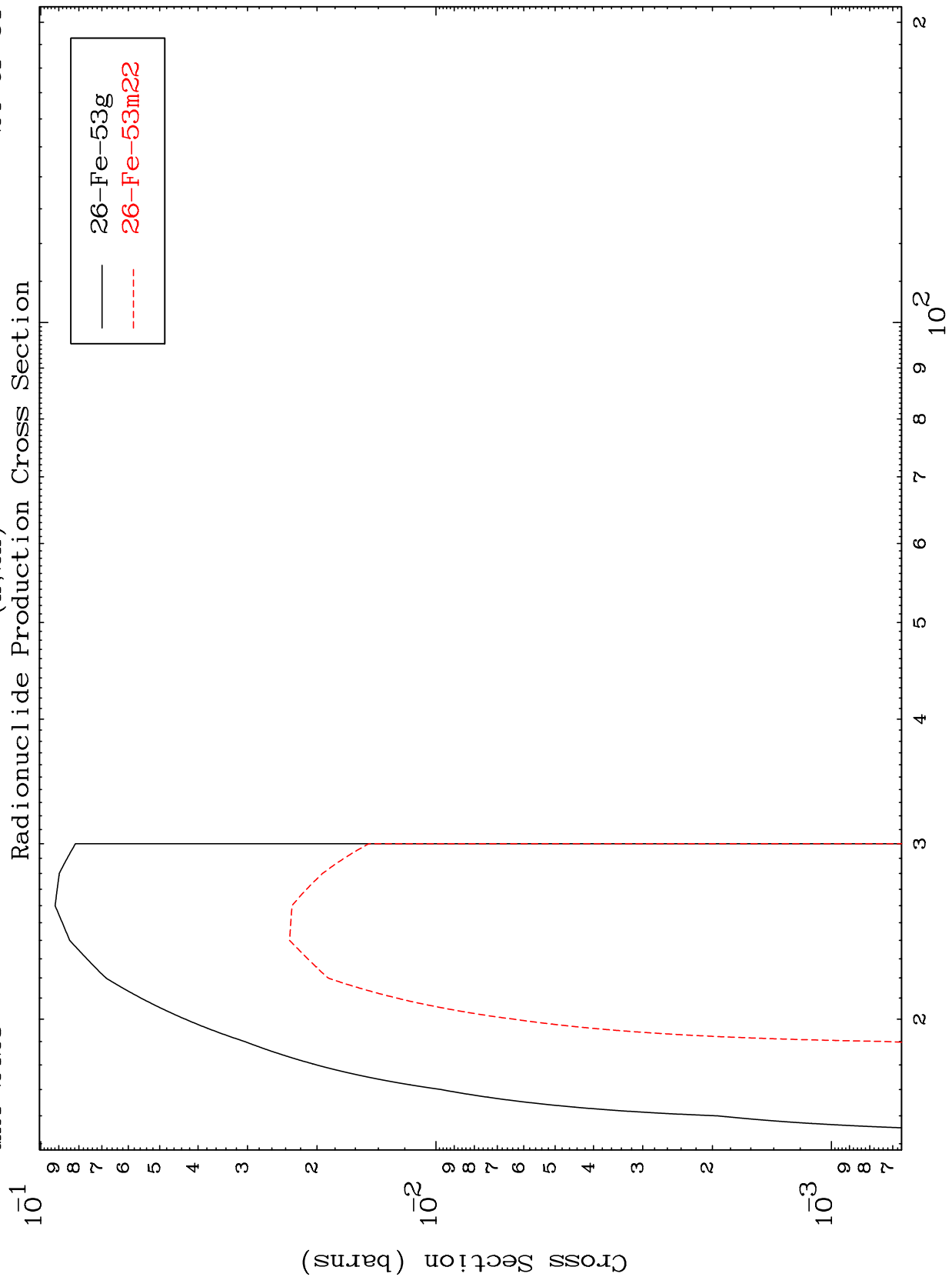
Incident Energy (MeV)

24-Cr-51

MAT 2428

24-Cr-51

(n,2n)
Radionuclide Production Cross Section



12

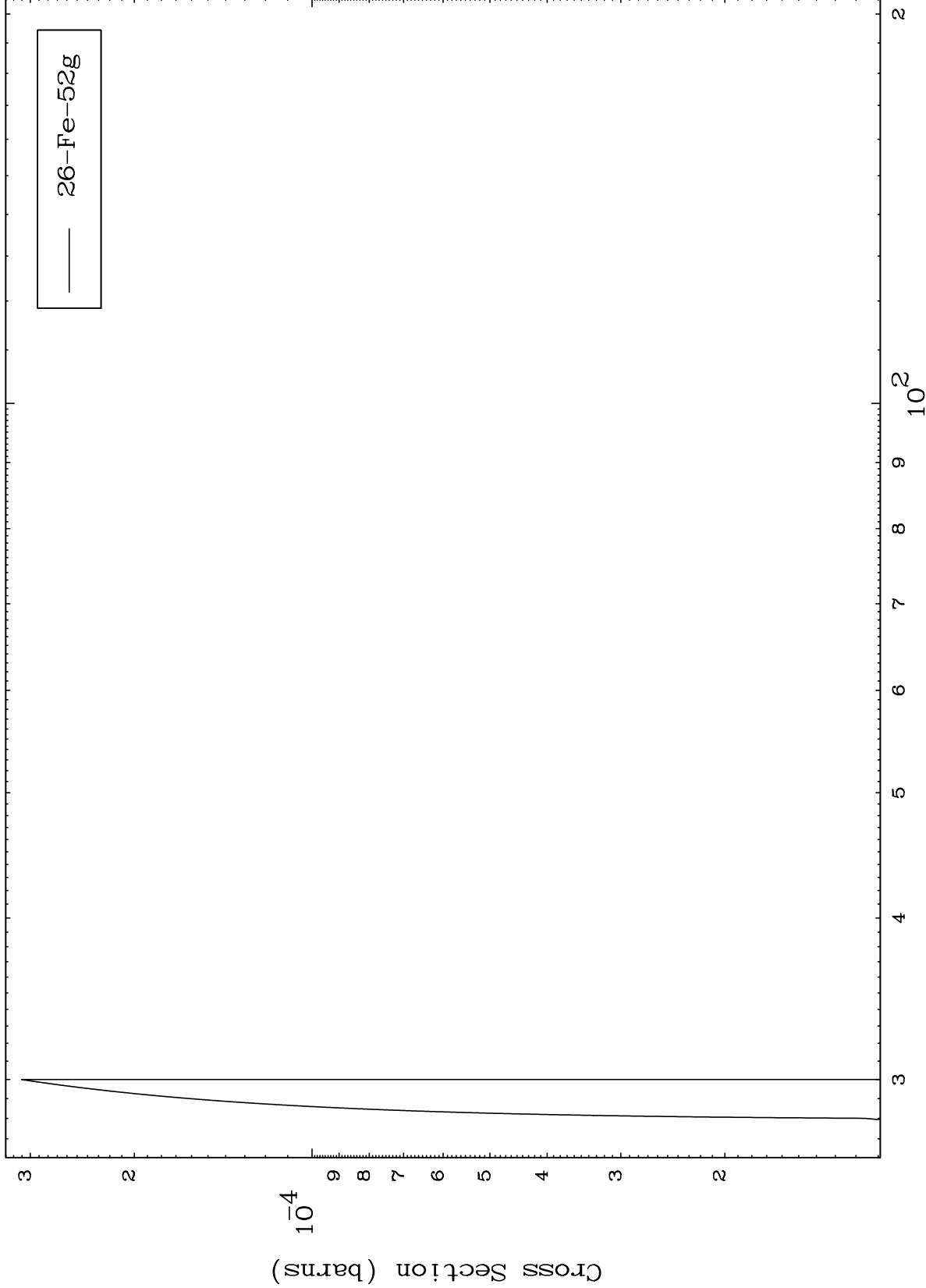
Incident Energy (MeV)

24-Cr-51

MAT 2428

24-Cr-51

(n,3n)
Radionuclide Production Cross Section



13

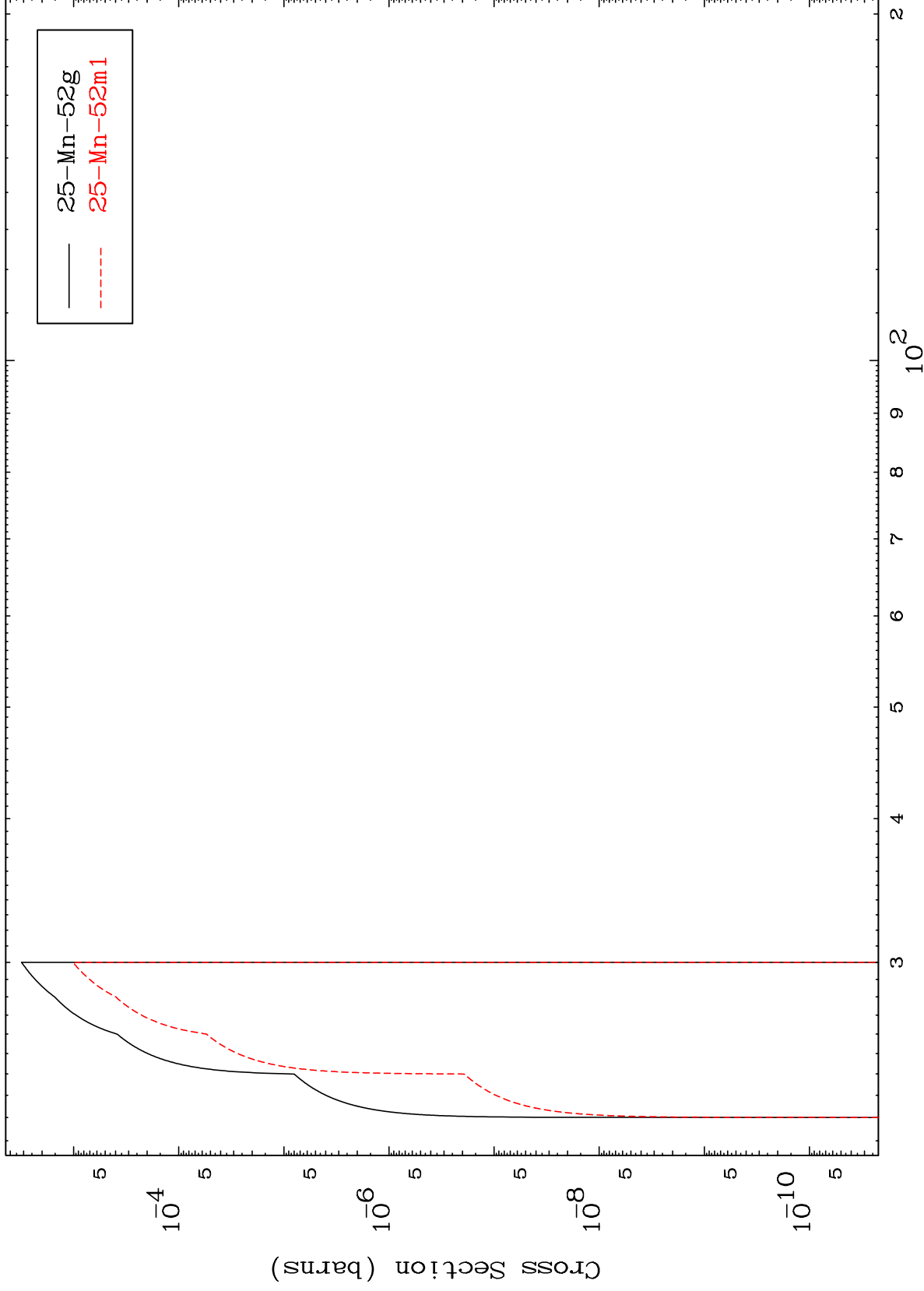
24-Cr-51

MAT 2428

(n,n') d

24-Cr-51

Radionuclide Production Cross Section



14

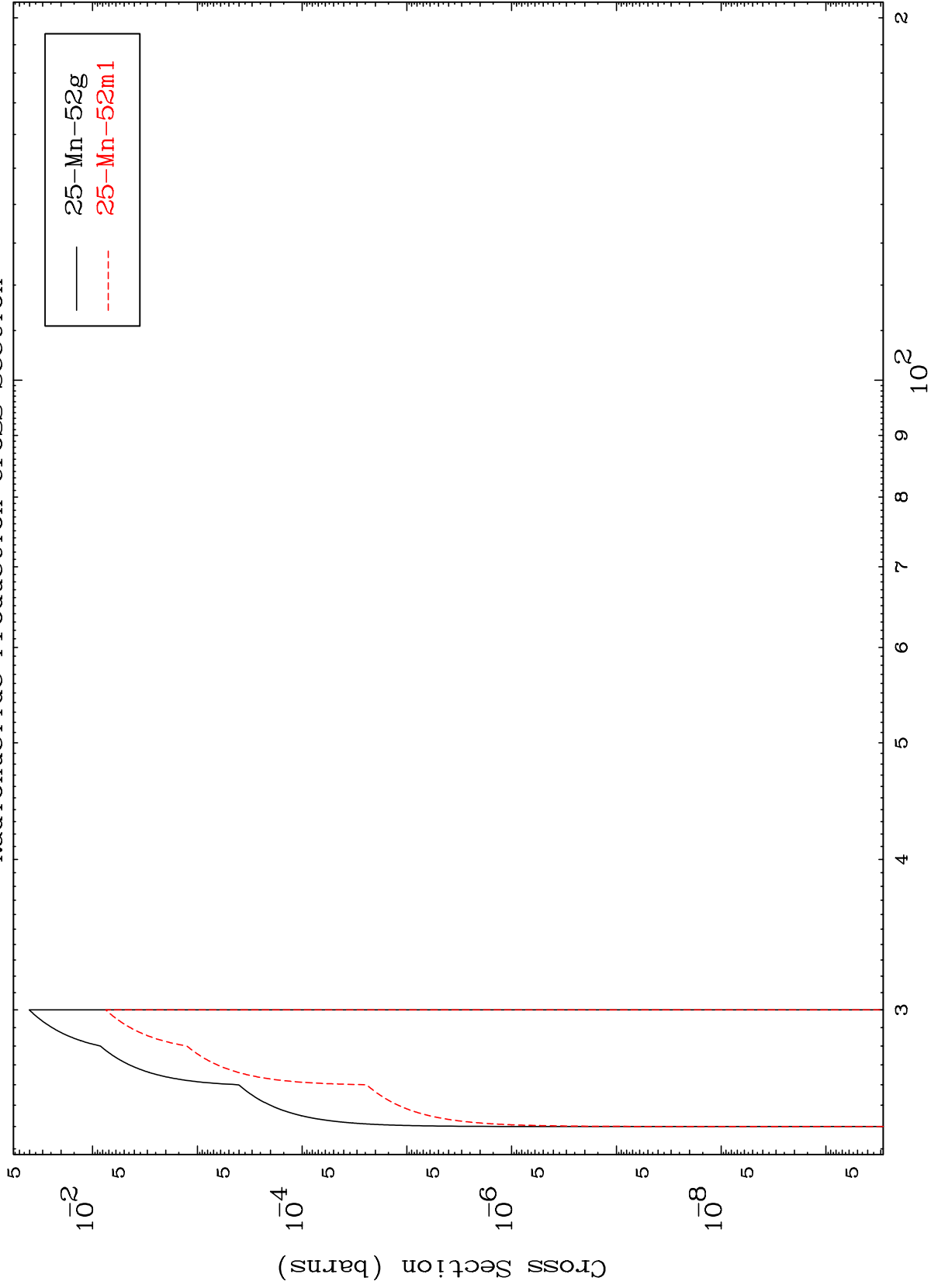
Incident Energy (MeV)

24-Cr-51

MAT 2428

24-Cr-51

(n,2n) p
Radionuclide Production Cross Section



24-Cr-51

Incident Energy (MeV)

15

(n,t)
Radionuclide Production Cross Section

