

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

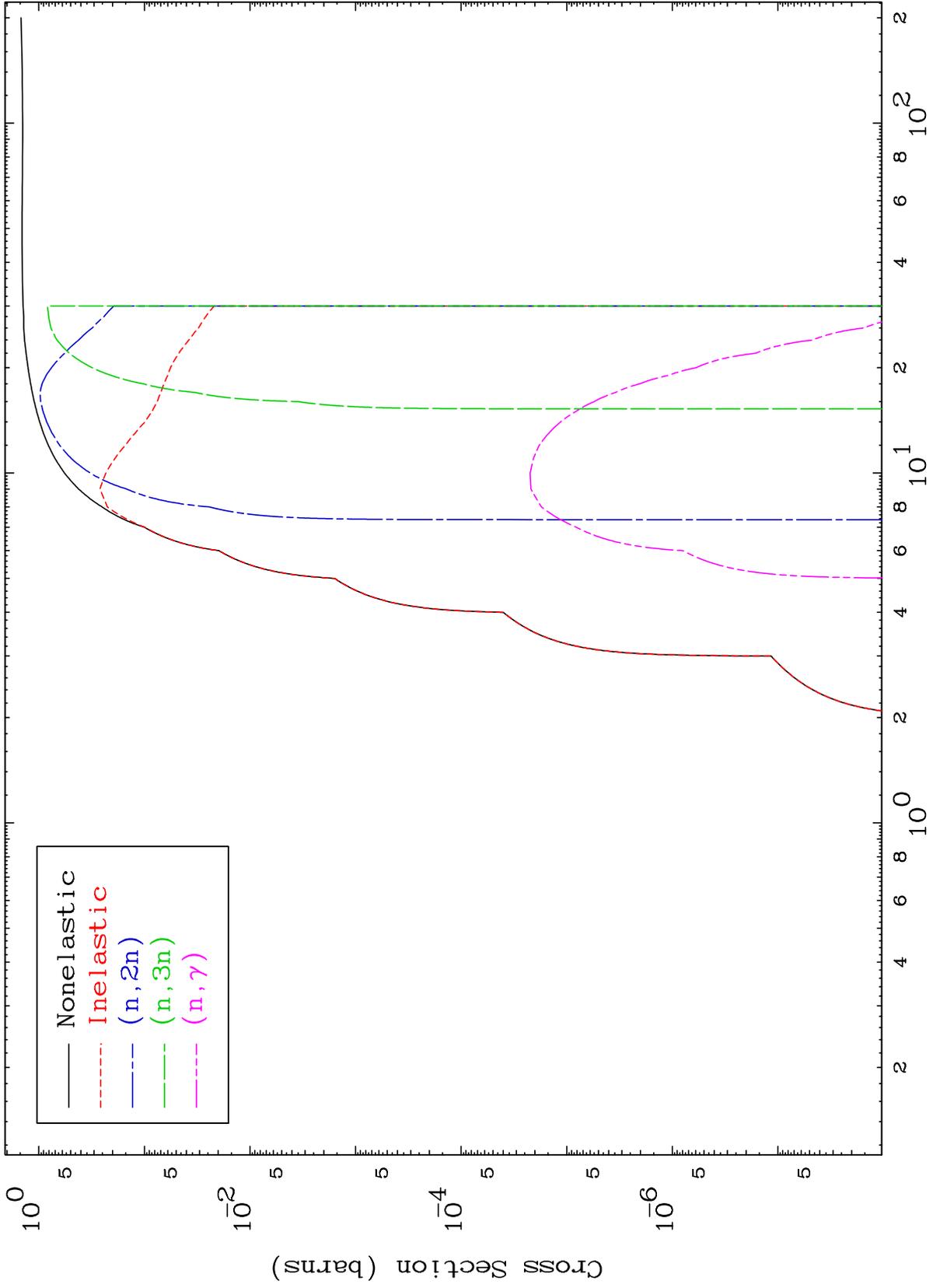
Press Mouse Button to Start

MAT 2140

α Major

0 Kelvin Cross Sections

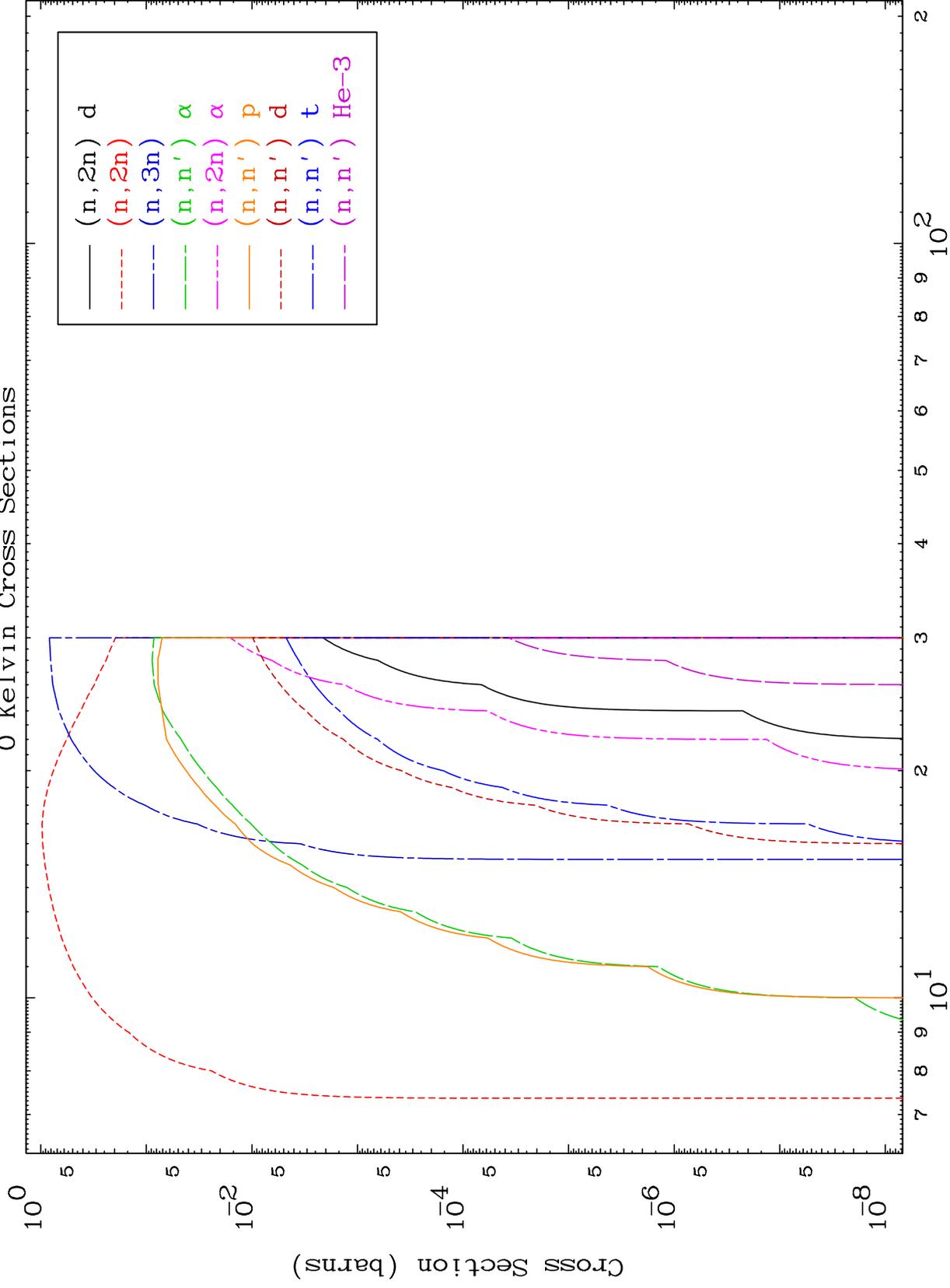
21-Sc-50



MAT 2140

α Neutron Absorption
0 Kelvin Cross Sections

21-Sc-50



2

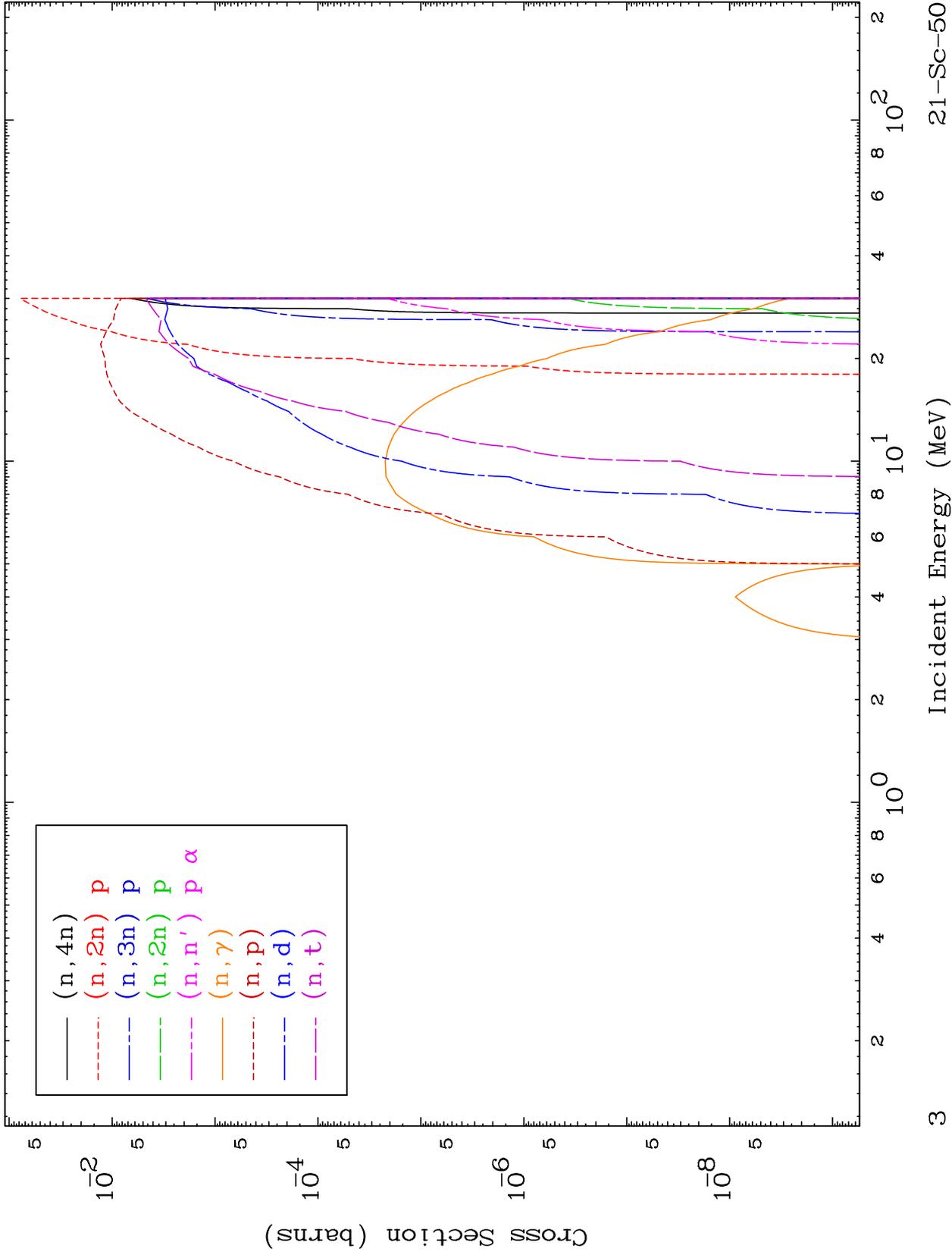
Incident Energy (MeV)

21-Sc-50

MAT 2140

α Neutron Absorption
0 Kelvin Cross Sections

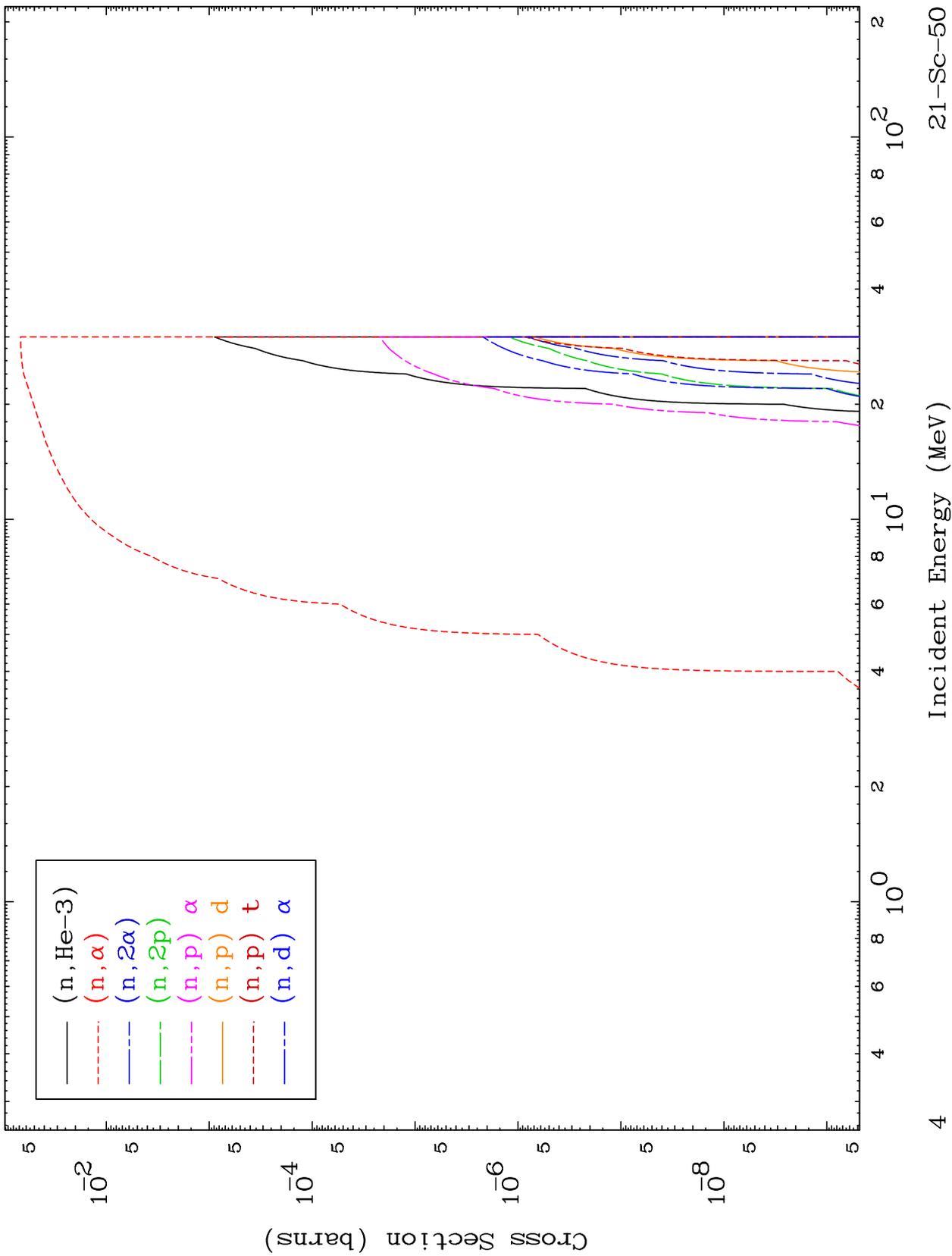
21-Sc-50

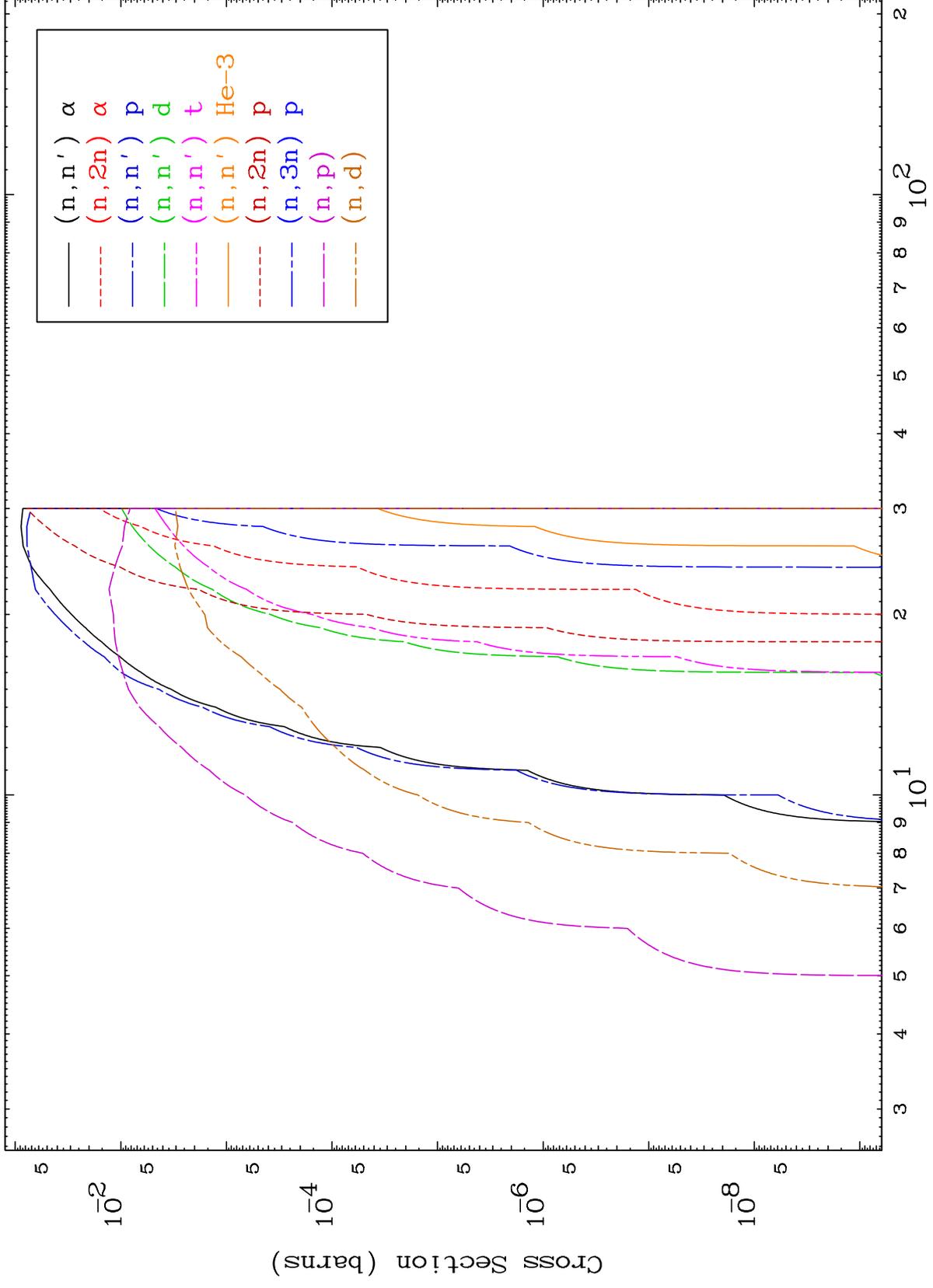


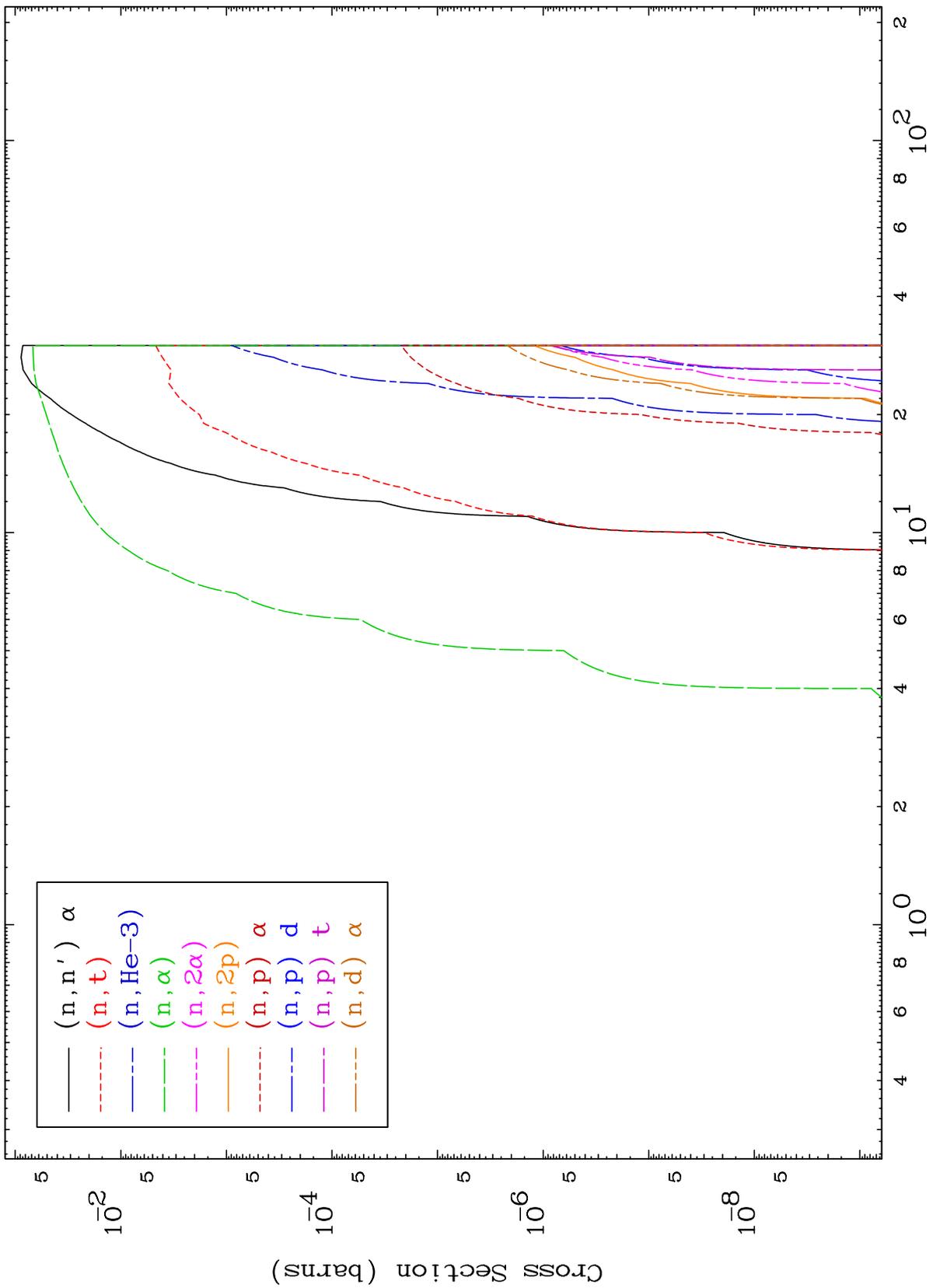
MAT 2140

α Neutron Absorption
0 Kelvin Cross Sections

21-Sc-50



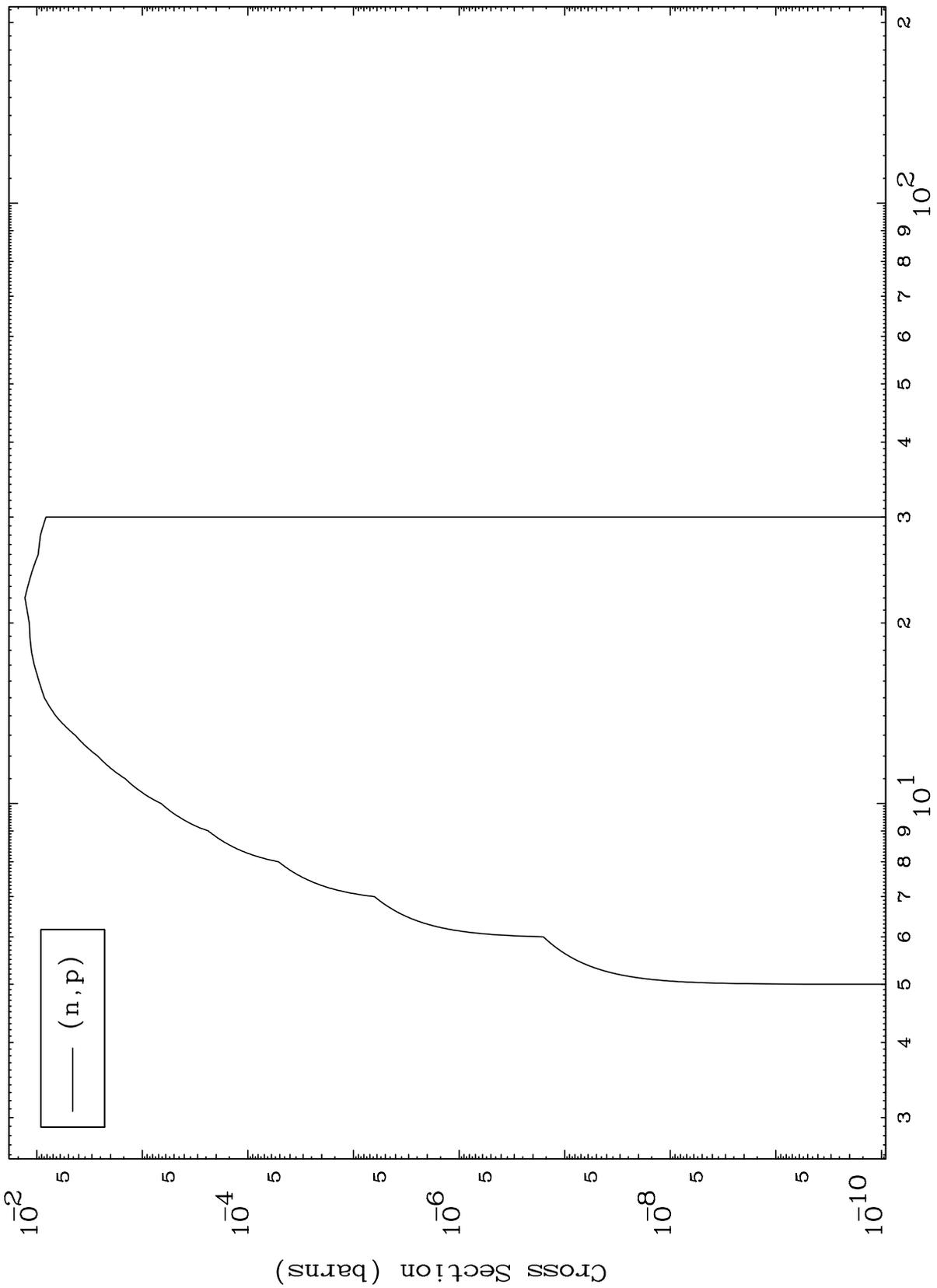




MAT 2140

21-Sc-50

(α, p) Levels
0 Kelvin Cross Sections



21-Sc-50

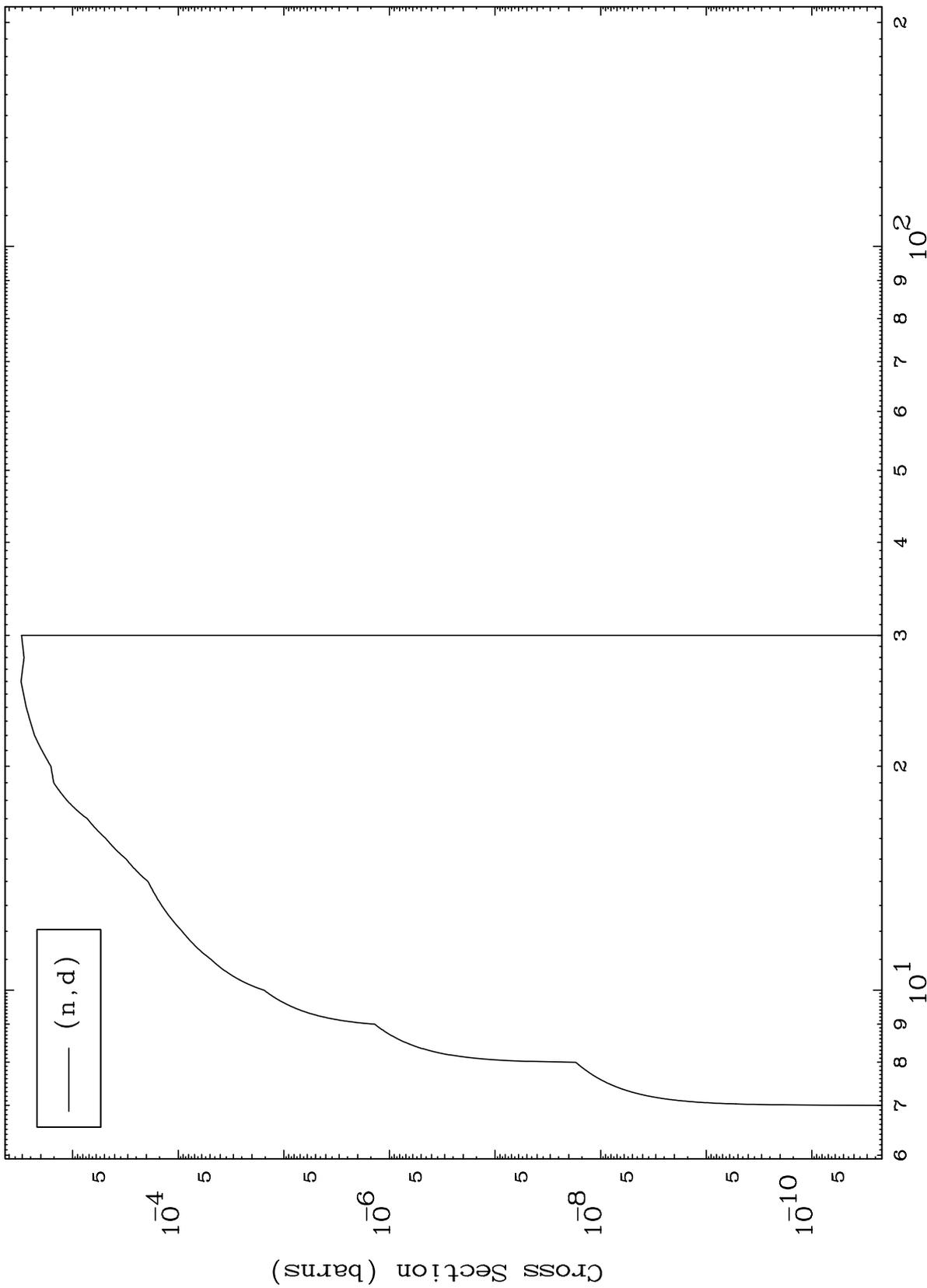
Incident Energy (MeV)

7

MAT 2140

(α, d) Levels
0 Kelvin Cross Sections

21-Sc-50



8

Incident Energy (MeV)

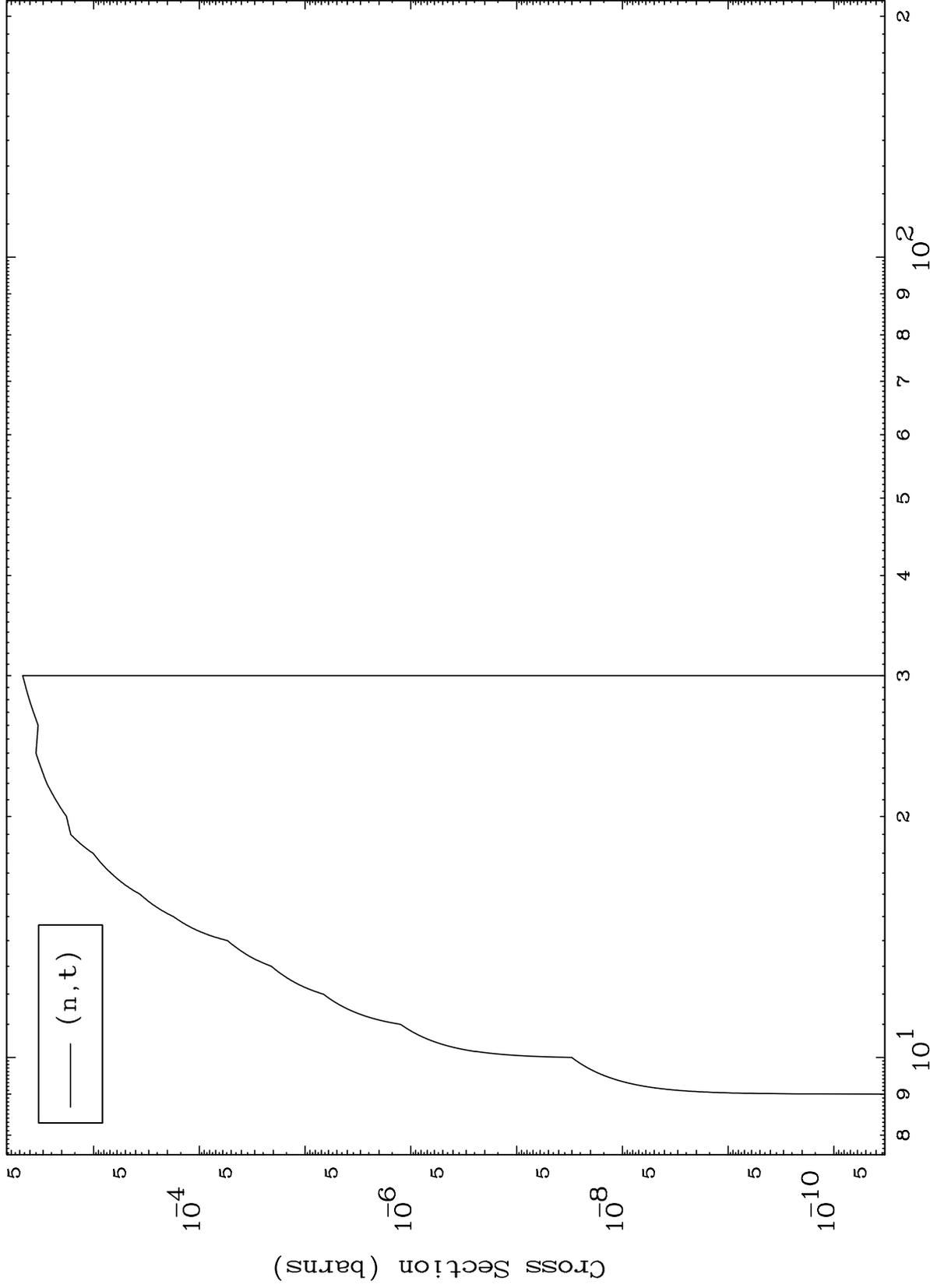
21-Sc-50

MAT 2140

(α, t) Levels

21-Sc-50

0 Kelvin Cross Sections



9

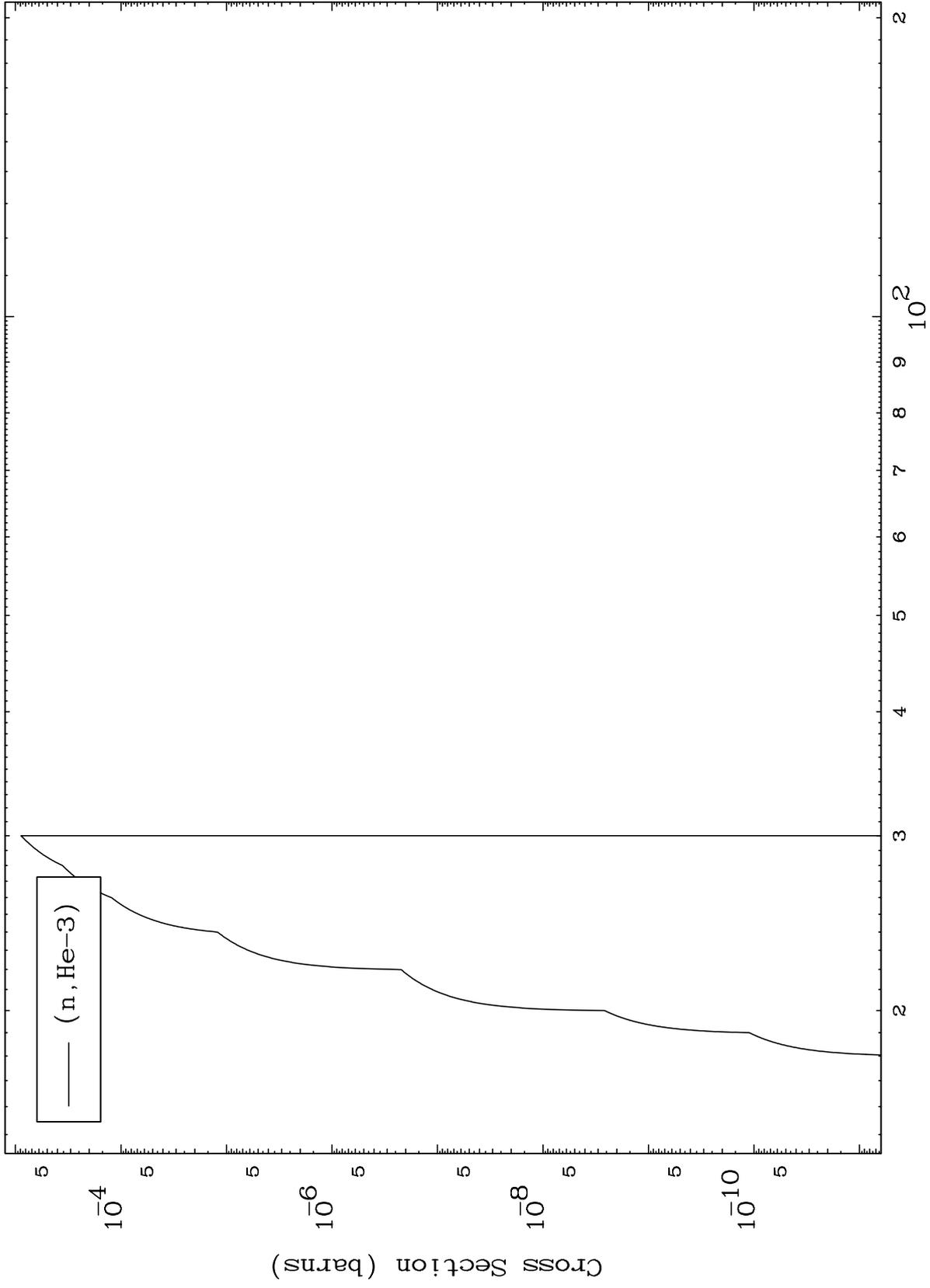
Incident Energy (MeV)

21-Sc-50

MAT 2140

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

21-Sc-50



10

Incident Energy (MeV)

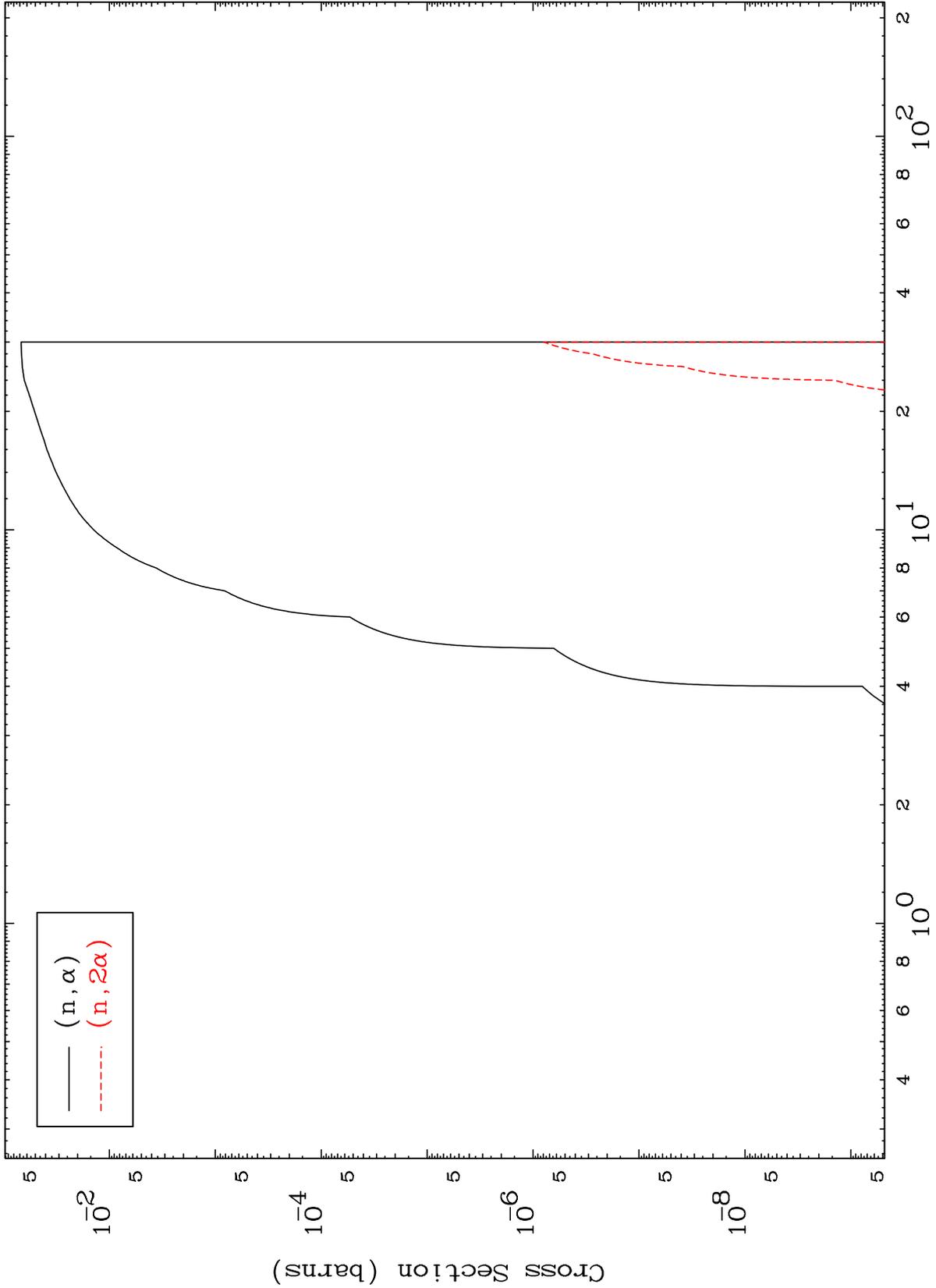
21-Sc-50

MAT 2140

(α, α) Levels

21-Sc-50

0 Kelvin Cross Sections



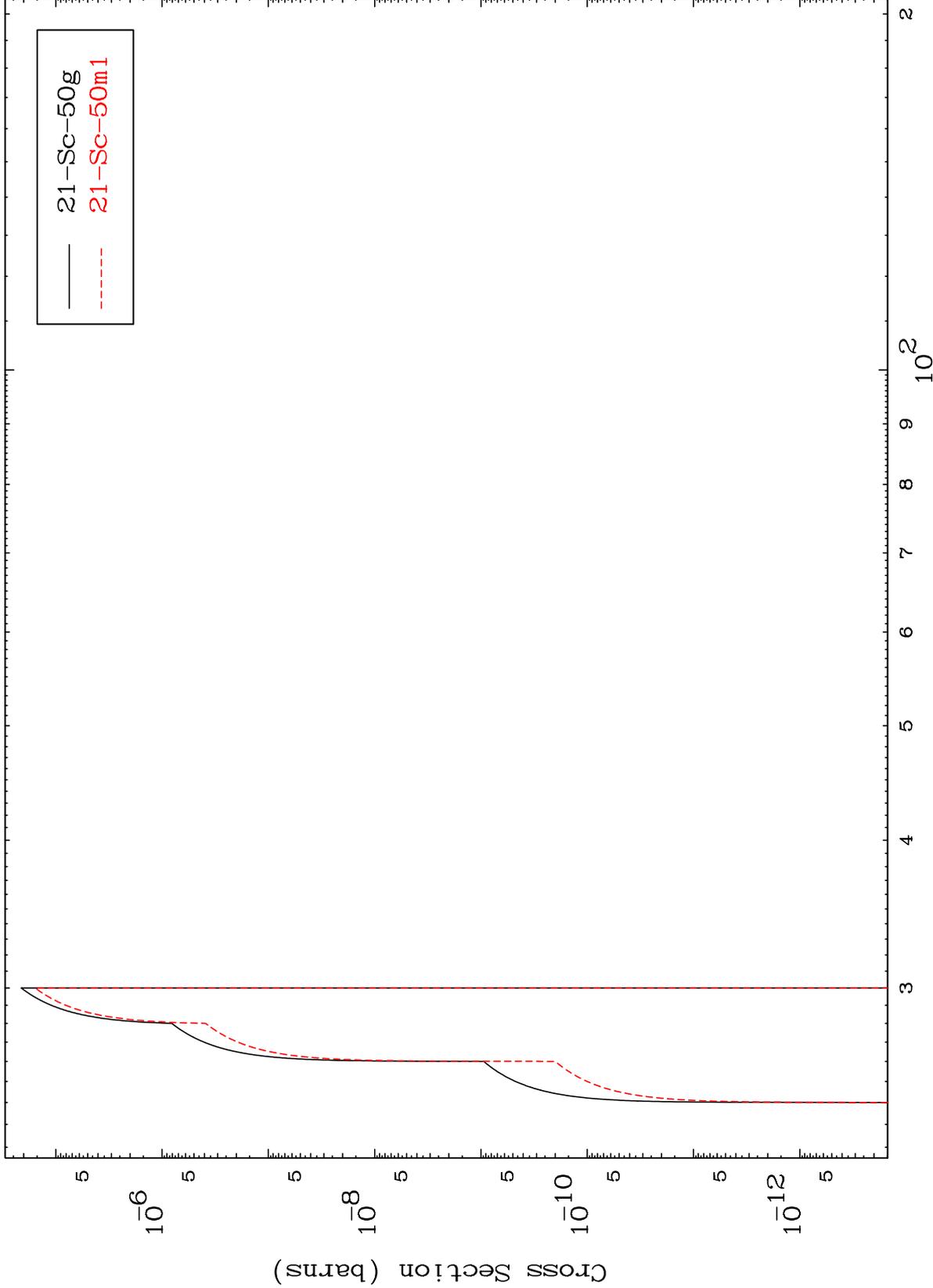
— (n, α)
- - - ($n, 2\alpha$)

MAT 2140

(n,n') He-3

21-Sc-50

Radionuclide Production Cross Section



12

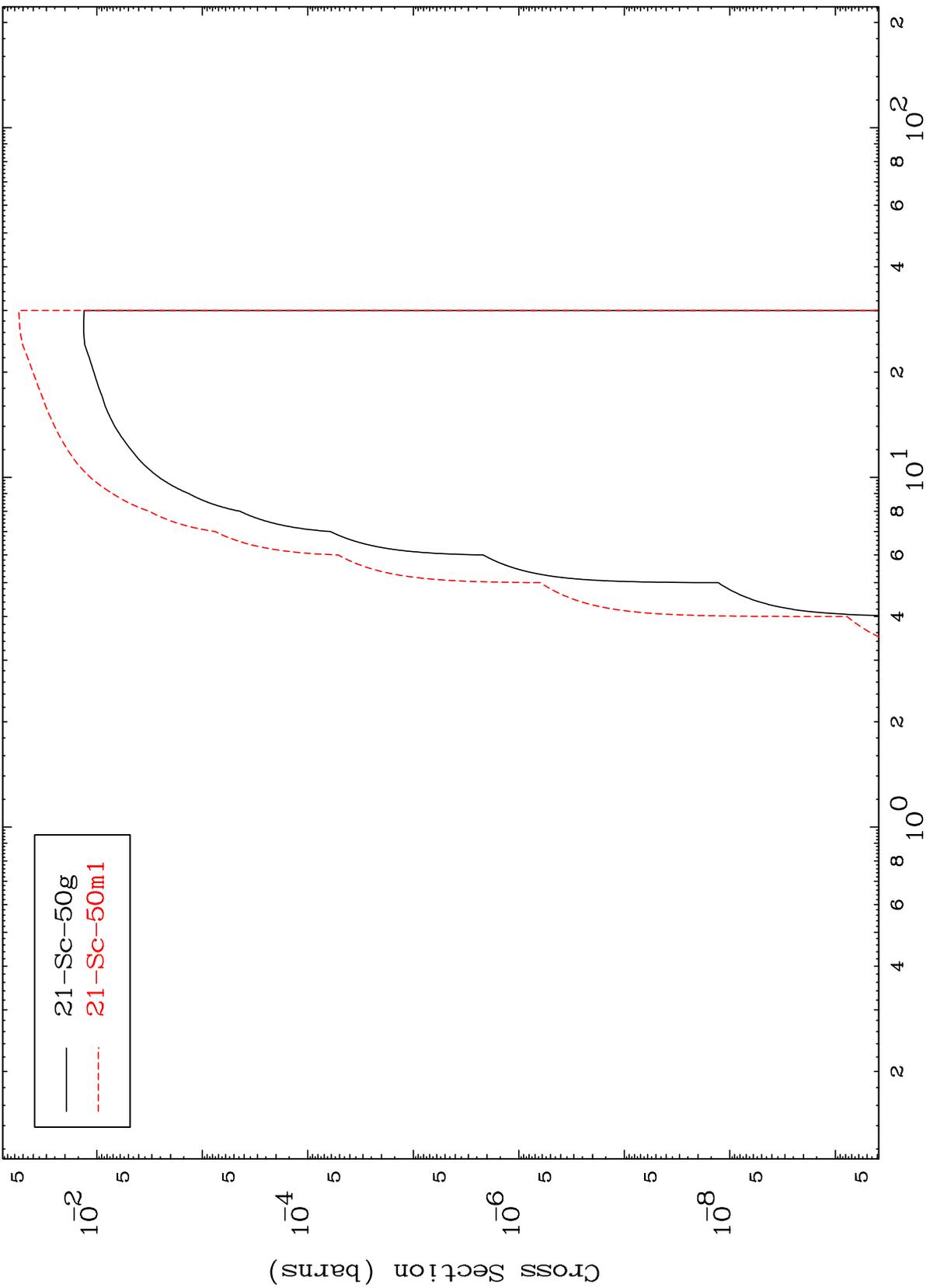
Incident Energy (MeV)

21-Sc-50

MAT 2140

21-Sc-50

(n, α)
Radionuclide Production Cross Section



21-Sc-50

Incident Energy (MeV)

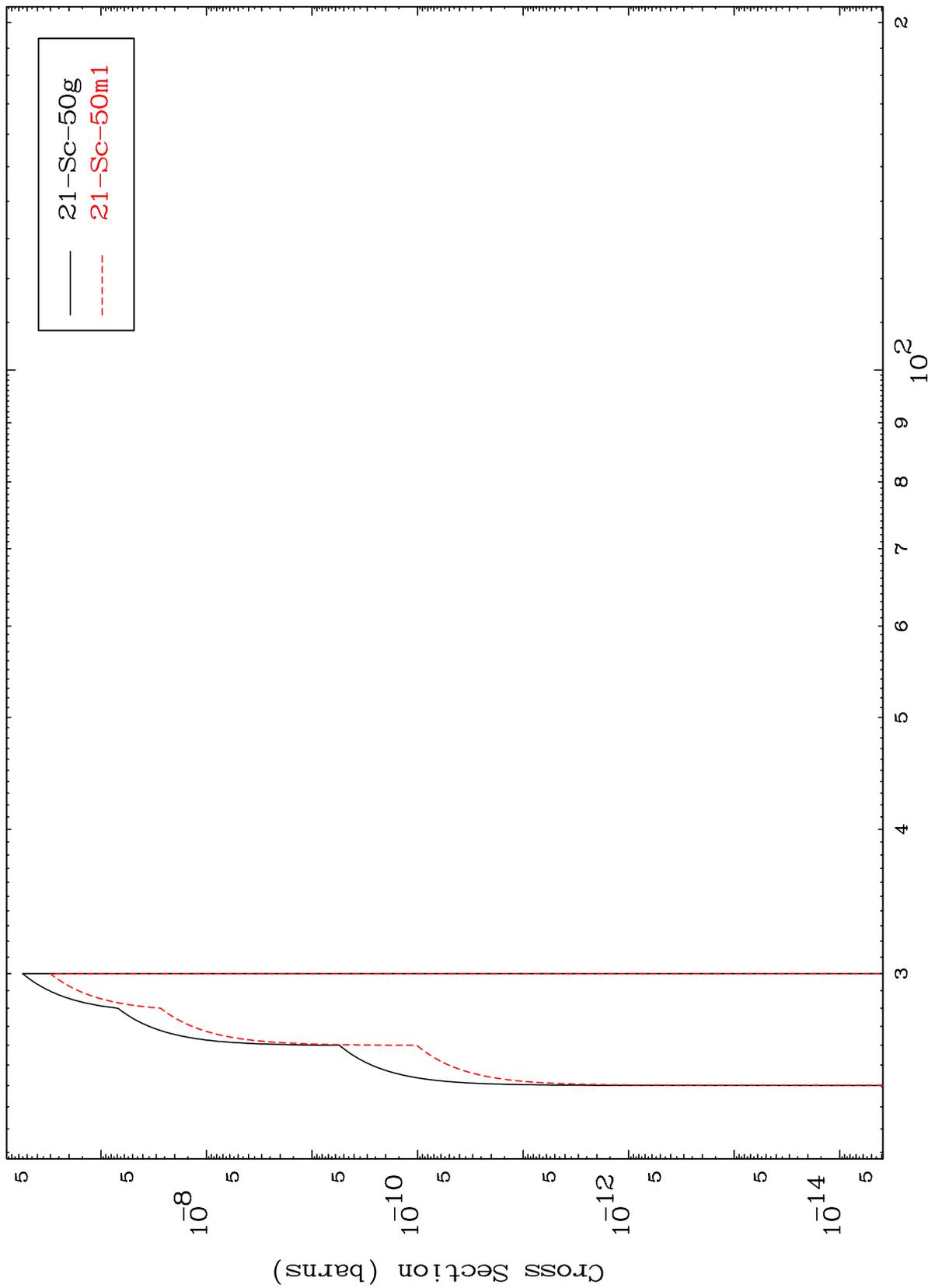
13

MAT 2140

(n,p) t

21-Sc-50

Radionuclide Production Cross Section



14

Incident Energy (MeV)

21-Sc-50