

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

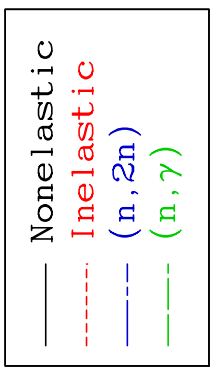
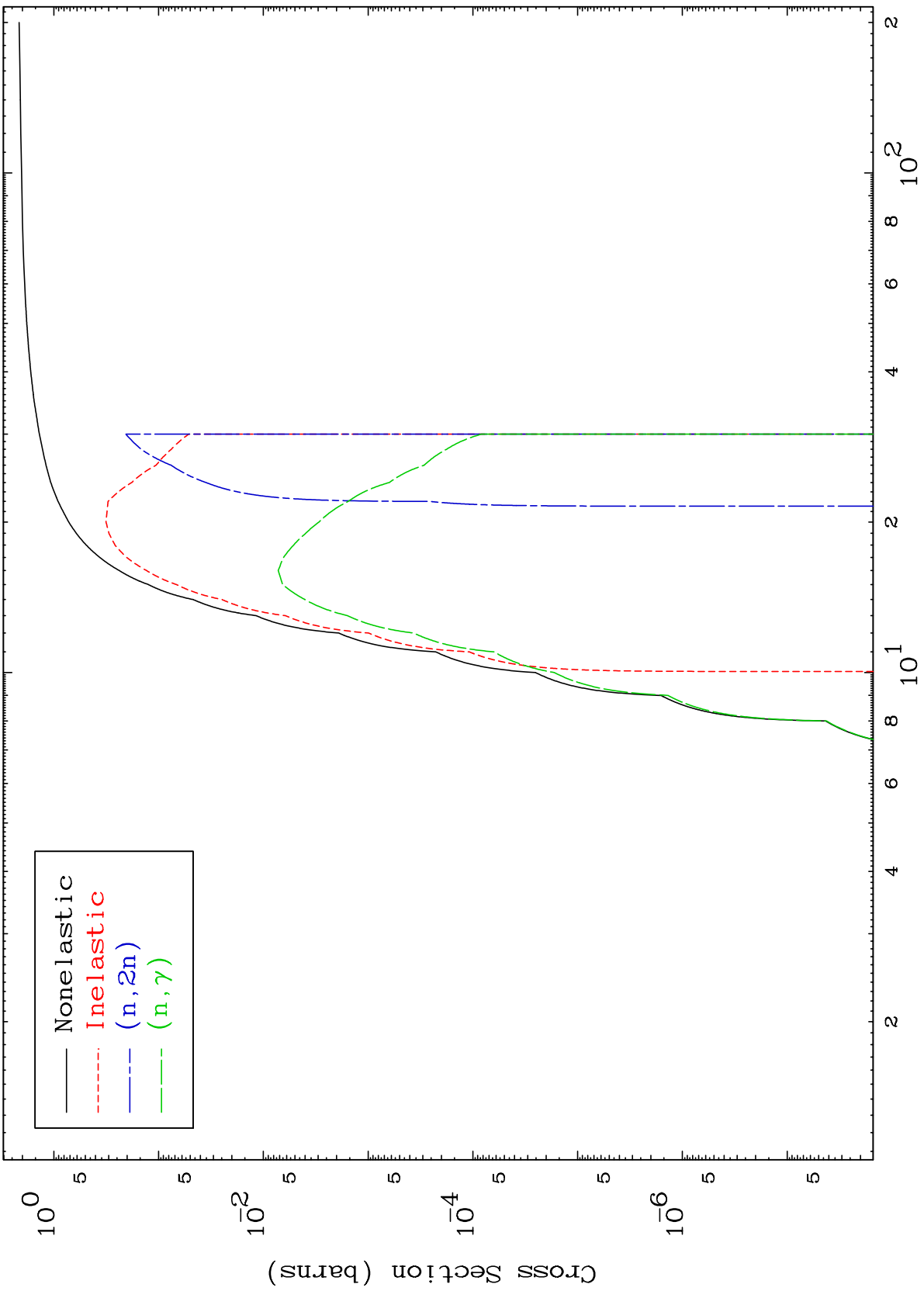
Press Mouse Button to Start

MAT 5104

α Major

51-Sb-114

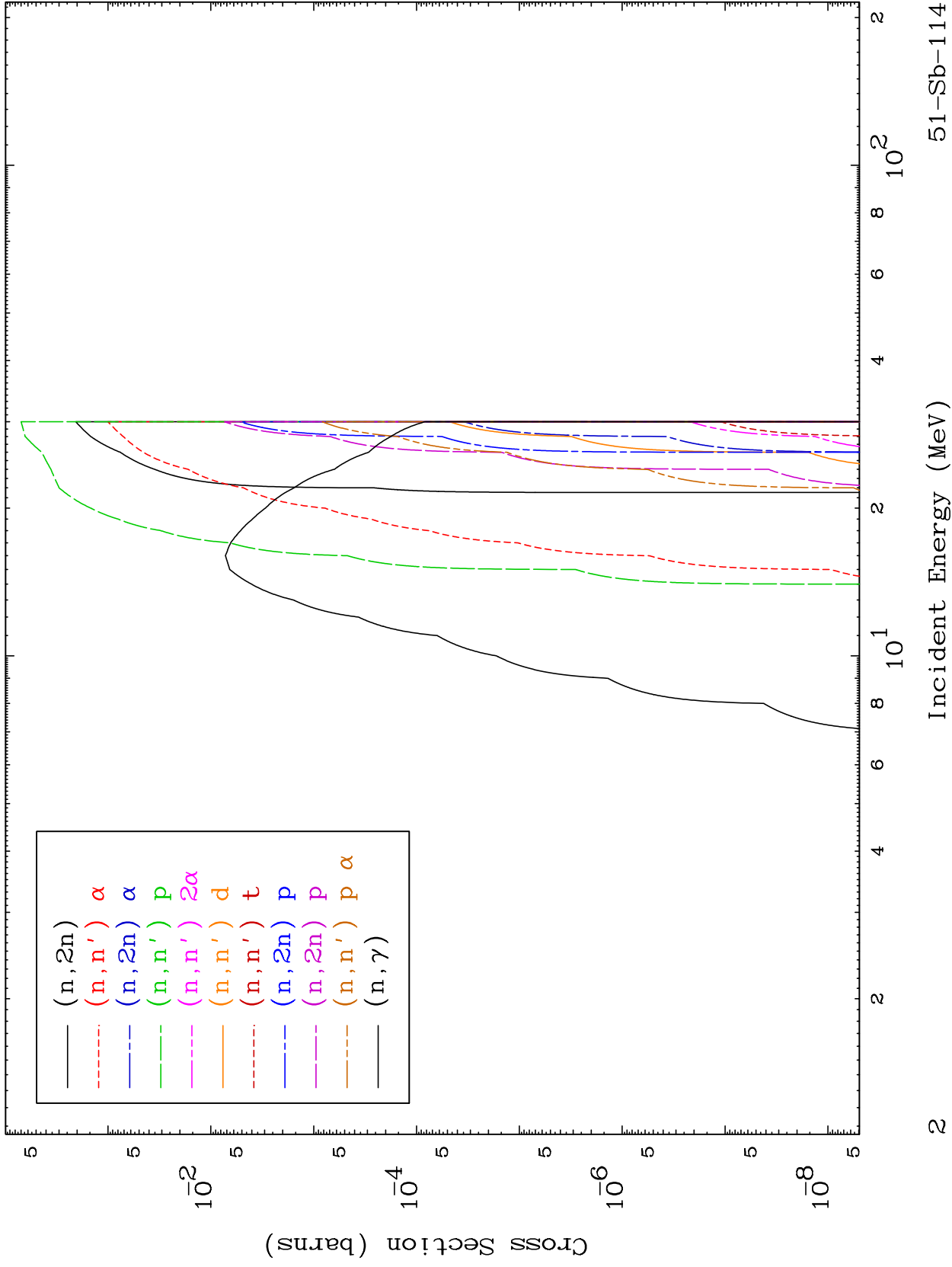
0 Kelvin Cross Sections

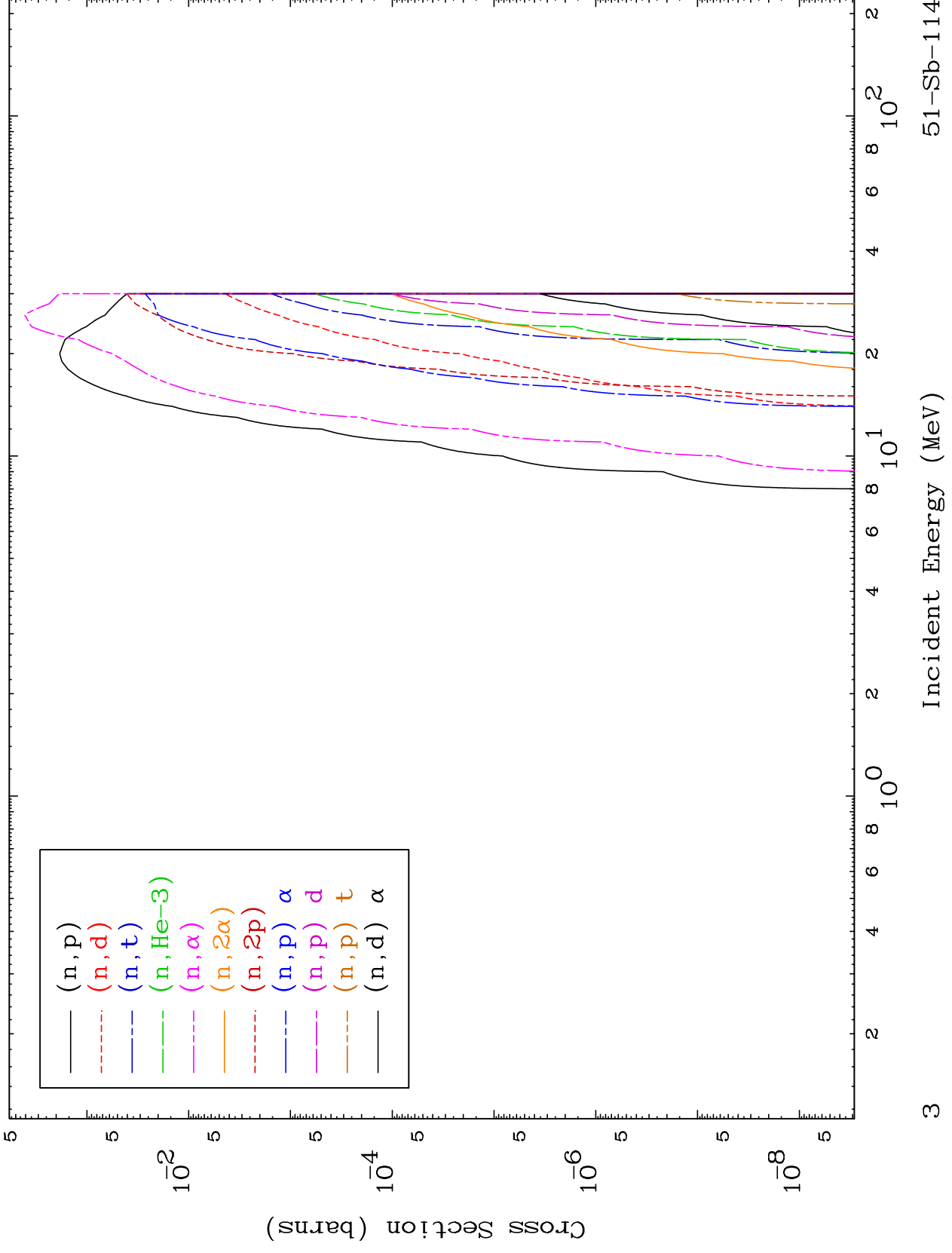


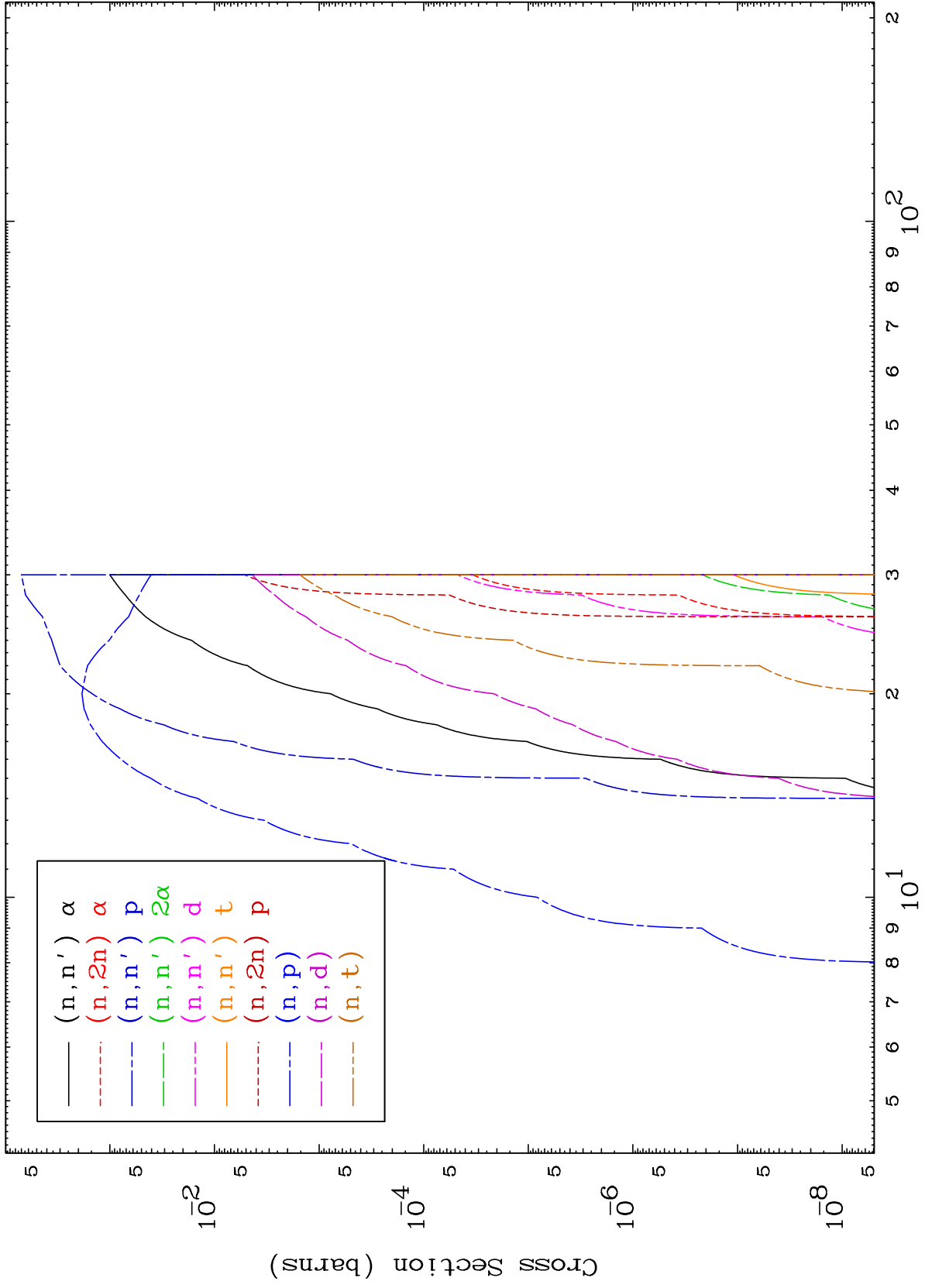
1

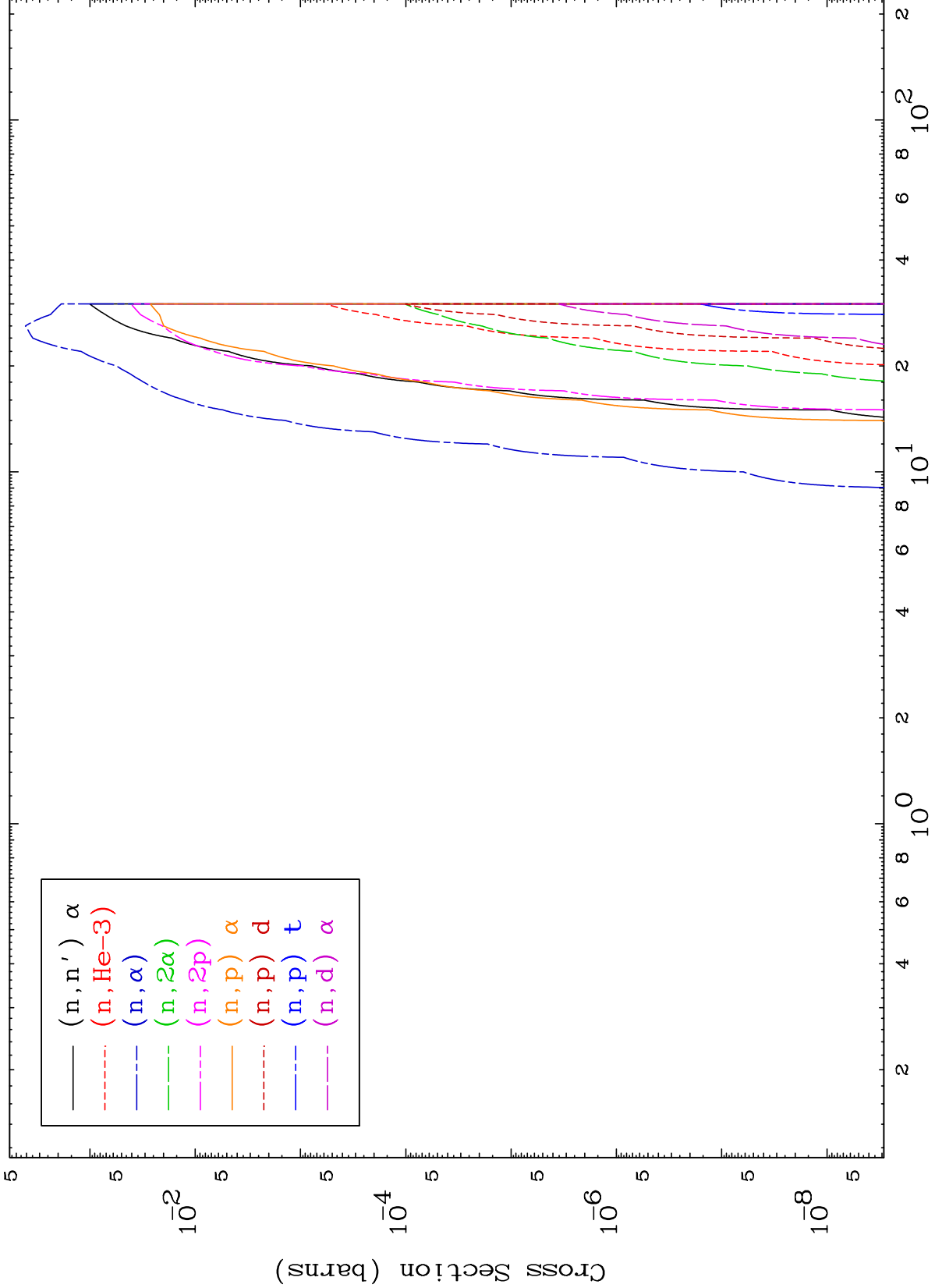
Incident Energy (MeV)

51-Sb-114





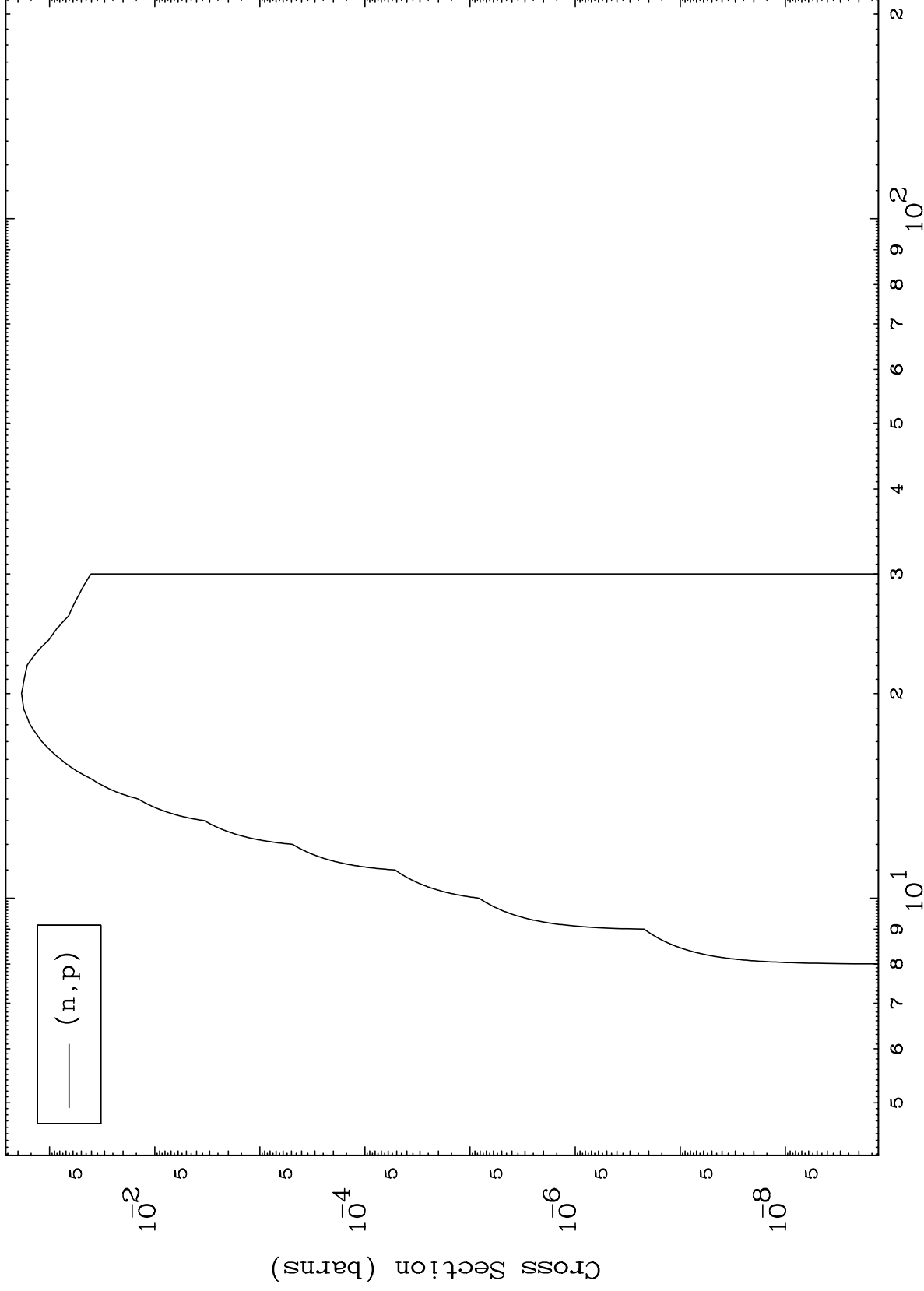




MAT 5104

(α, p) Levels
0 Kelvin Cross Sections

51-Sb-114



6

Incident Energy (MeV)

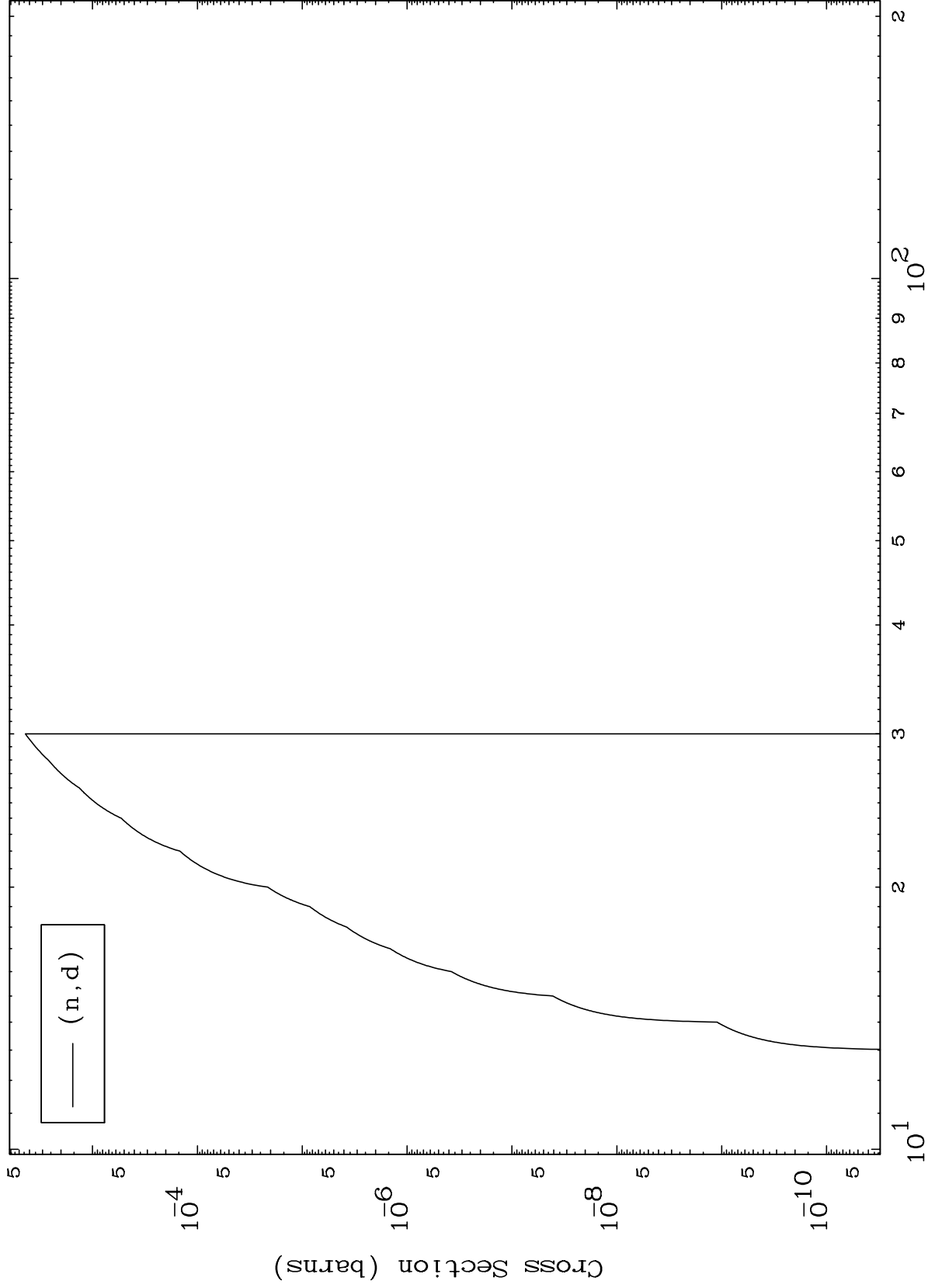
51-Sb-114

MAT 5104

(α, d) Levels

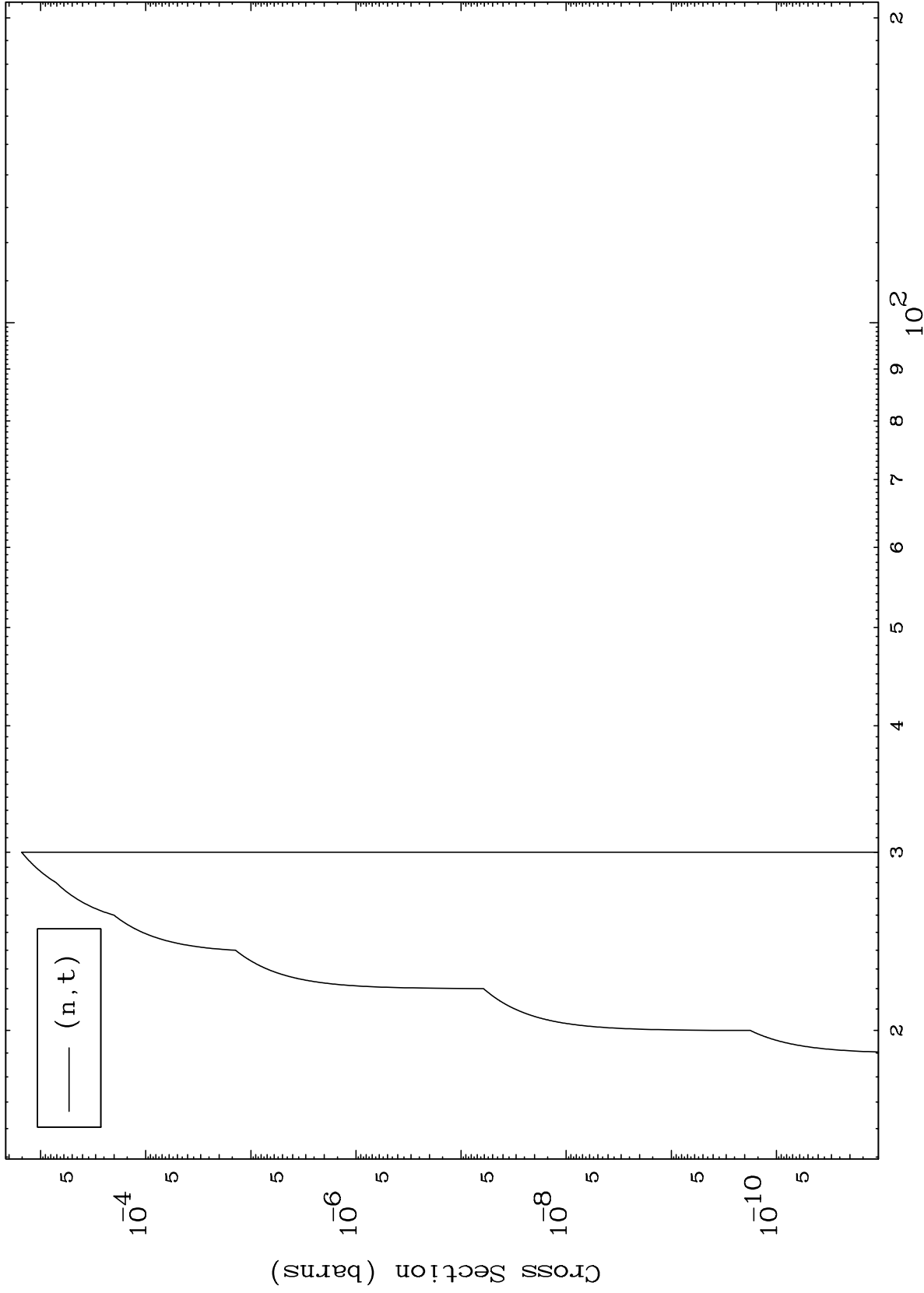
51-Sb-114

0 Kelvin Cross Sections



Incident Energy (MeV)

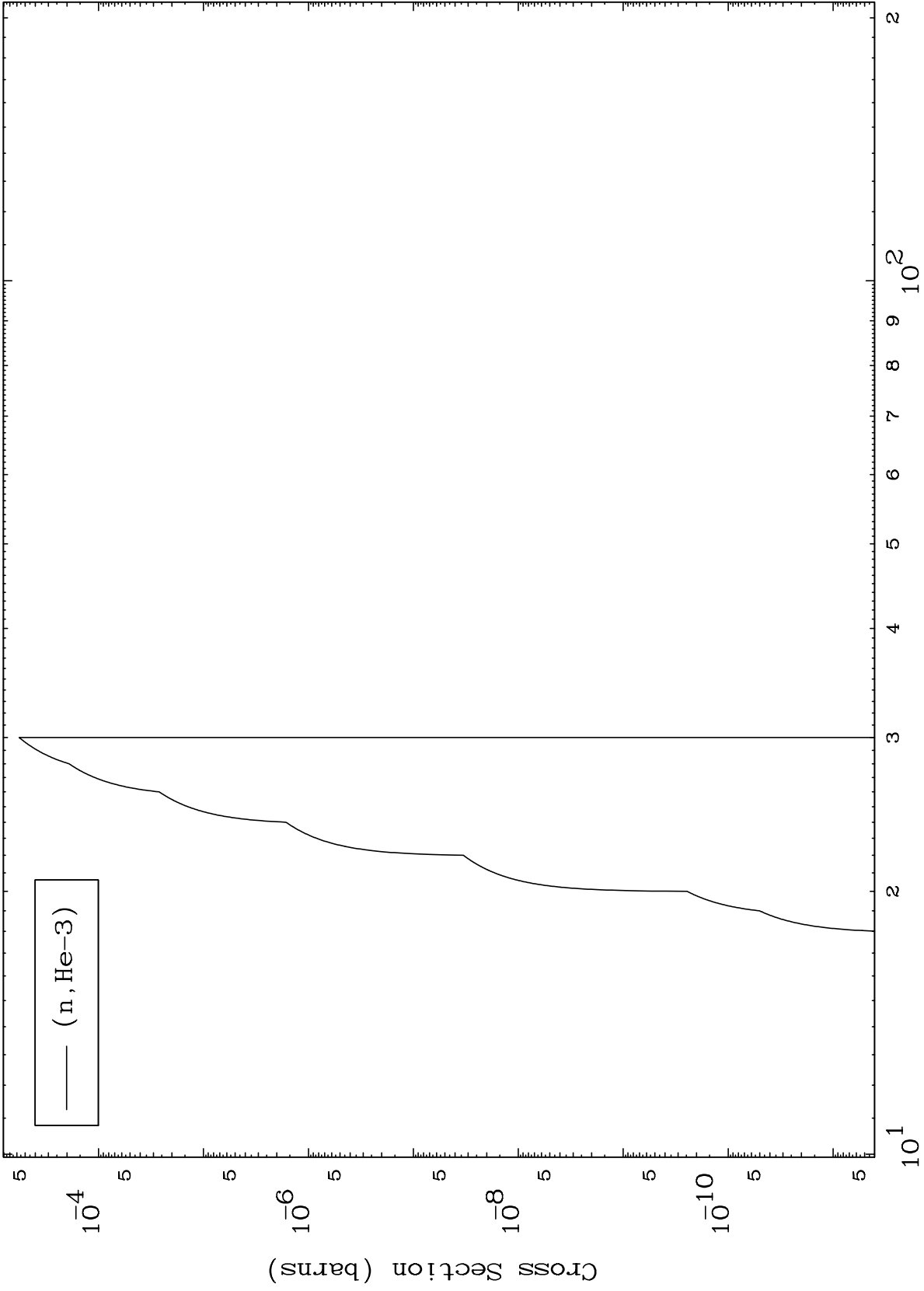
51-Sb-114



MAT 5104

51-Sb-114

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



51-Sb-114

Incident Energy (MeV)

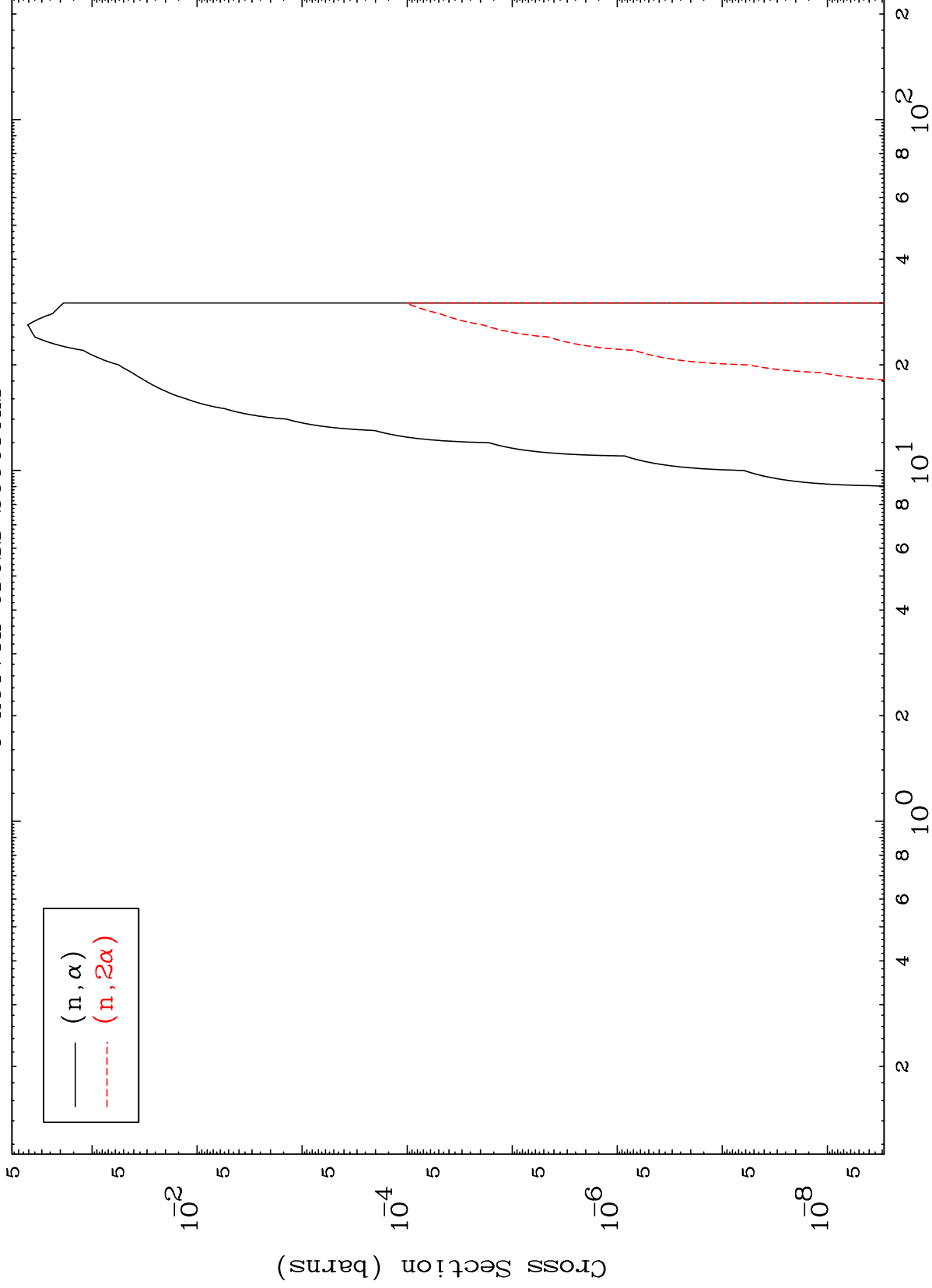
9

MAT 5104

(α, α) Levels

51-Sb-114

0 Kelvin Cross Sections



10

Incident Energy (MeV)

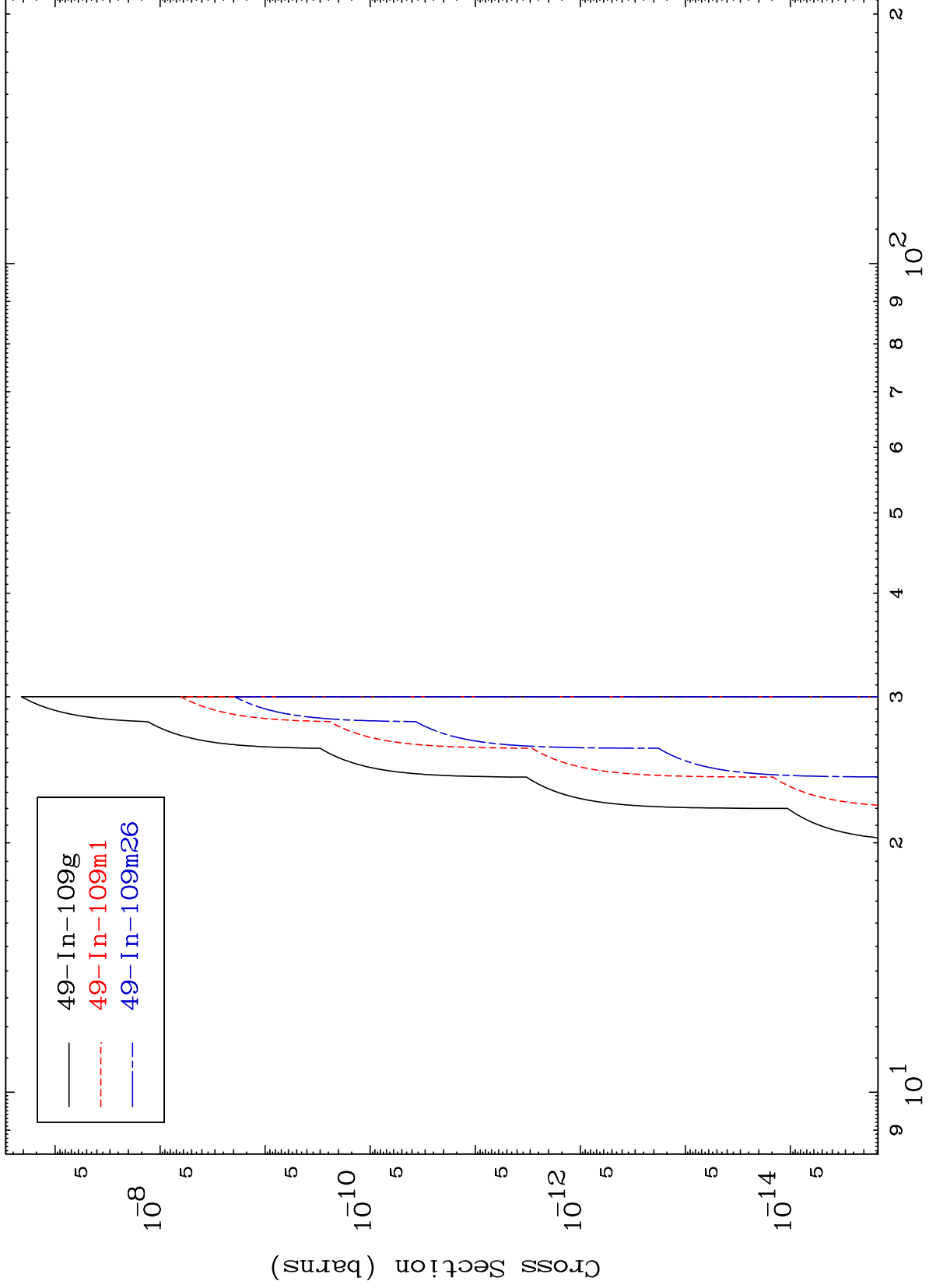
51-Sb-114

MAT 5104

(n,n') 2 α

51-Sb-114

Radionuclide Production Cross Section

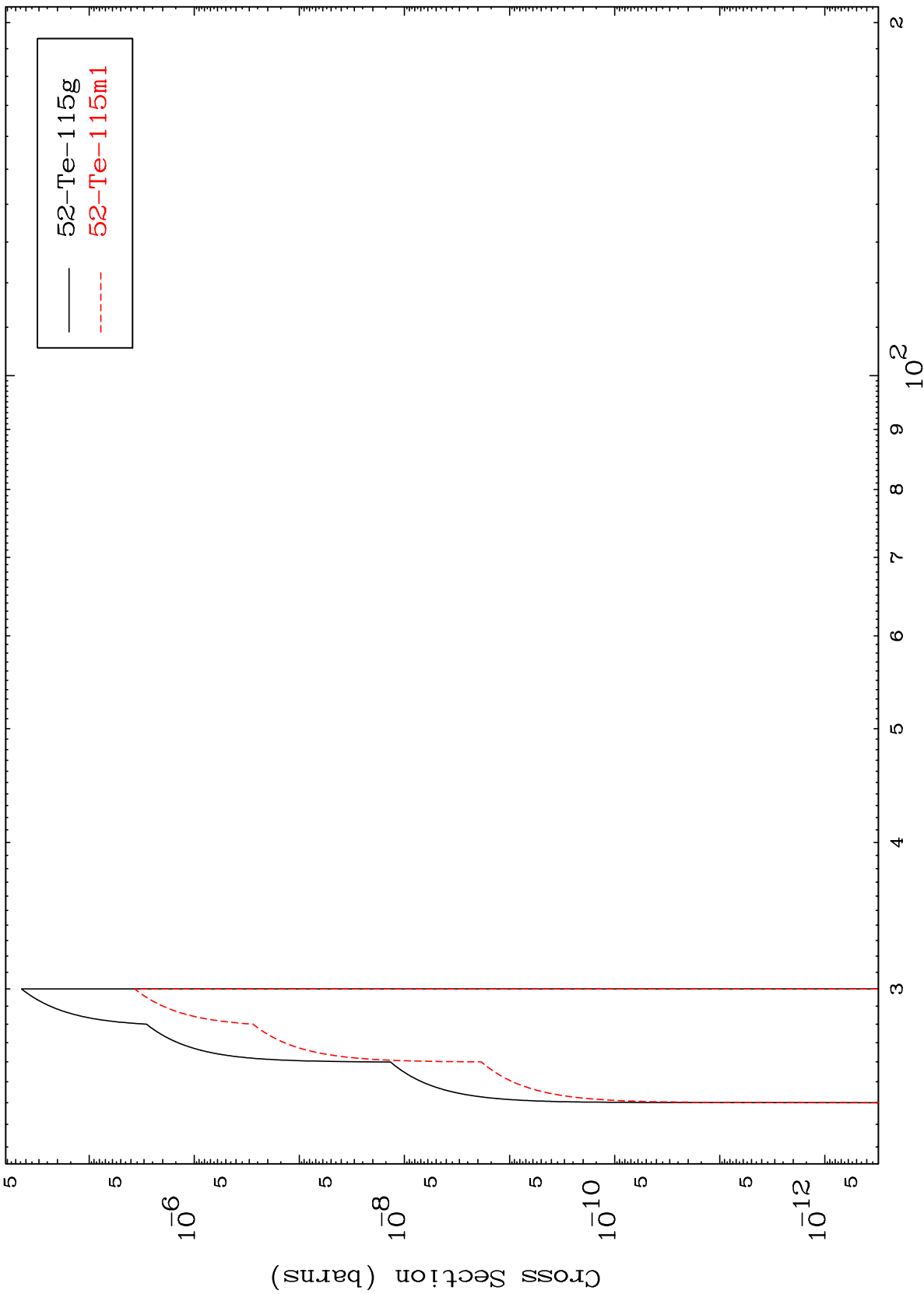


11

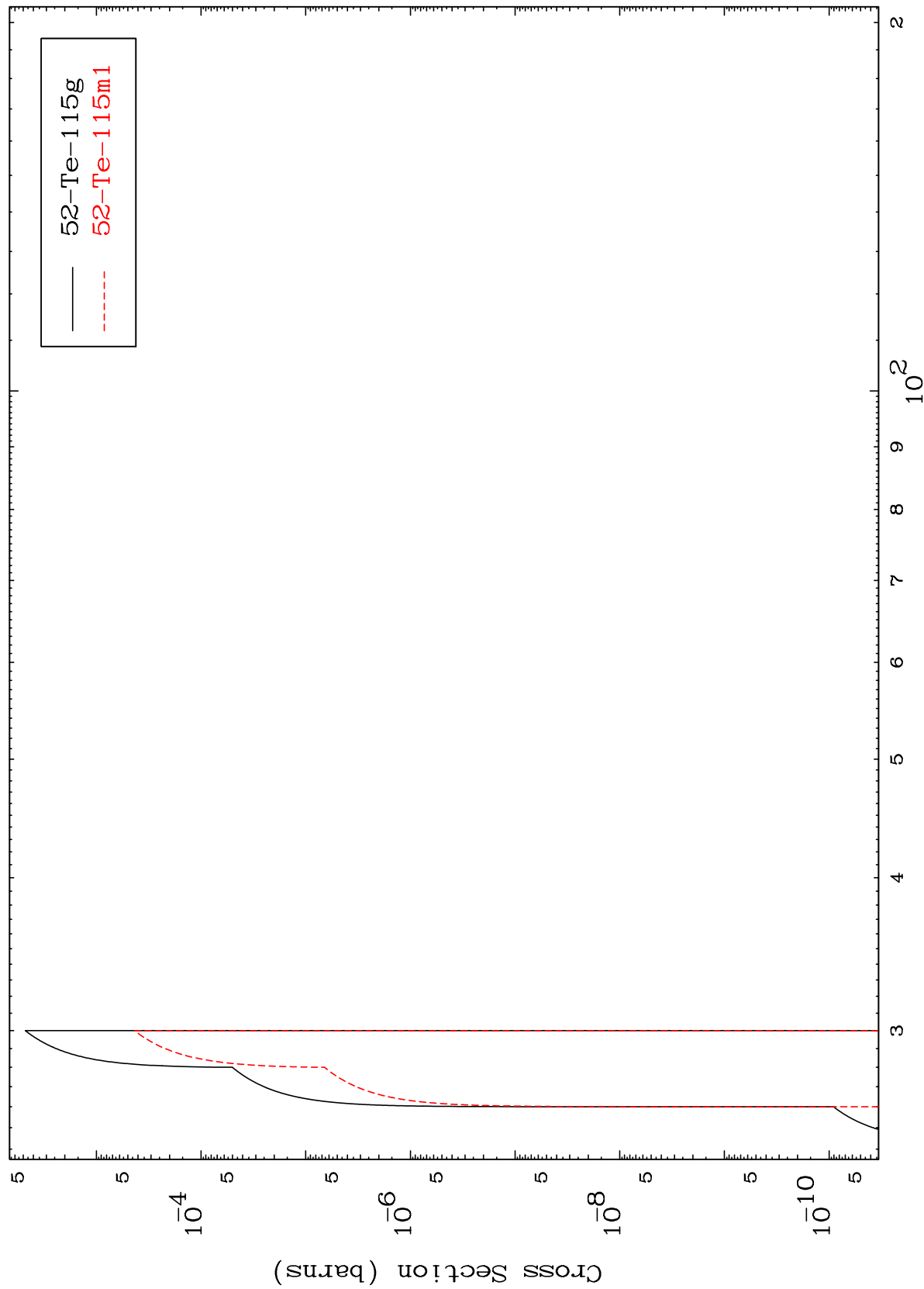
Incident Energy (MeV)

51-Sb-114

Radionuclide Production Cross Section



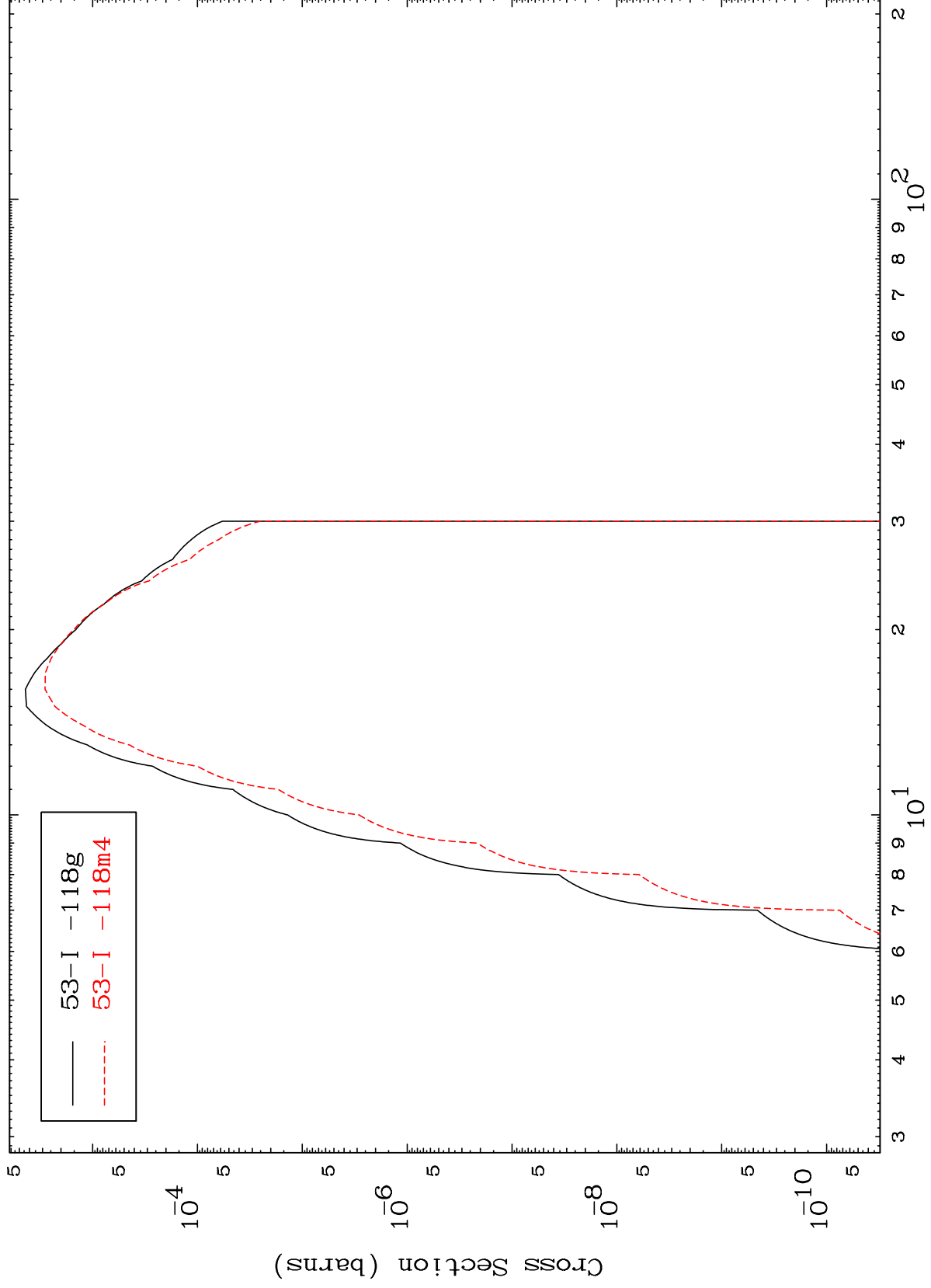
Radionuclide Production Cross Section



MAT 5104

51-Sb-114

(n,γ)
Radionuclide Production Cross Section



53-I -118g
53-I -118m4

14

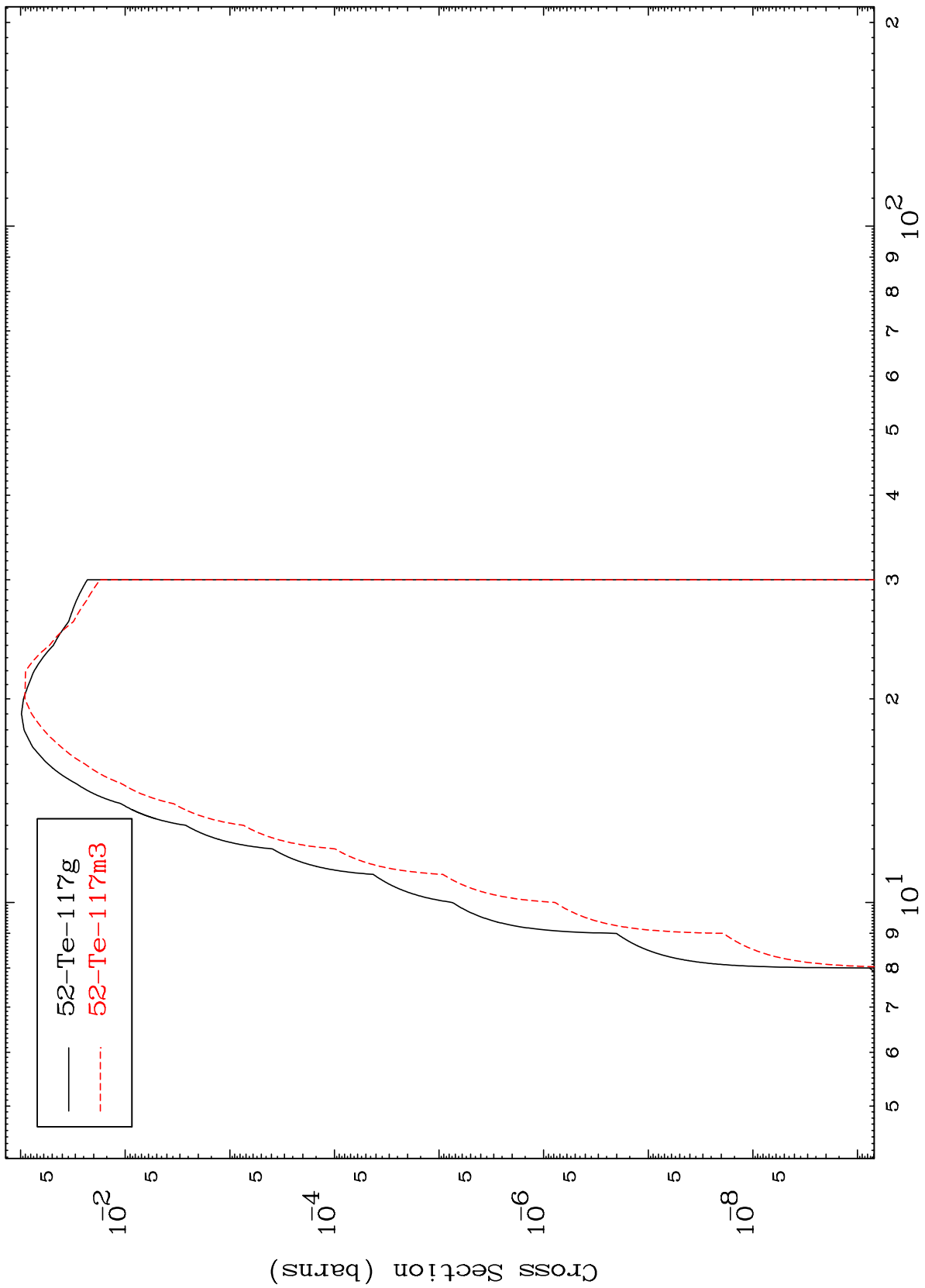
Incident Energy (MeV)

51-Sb-114

MAT 5104

51-Sb-114

Radionuclide Production Cross Section (n,p)



52-Te-117g
52-Te-117m3

15

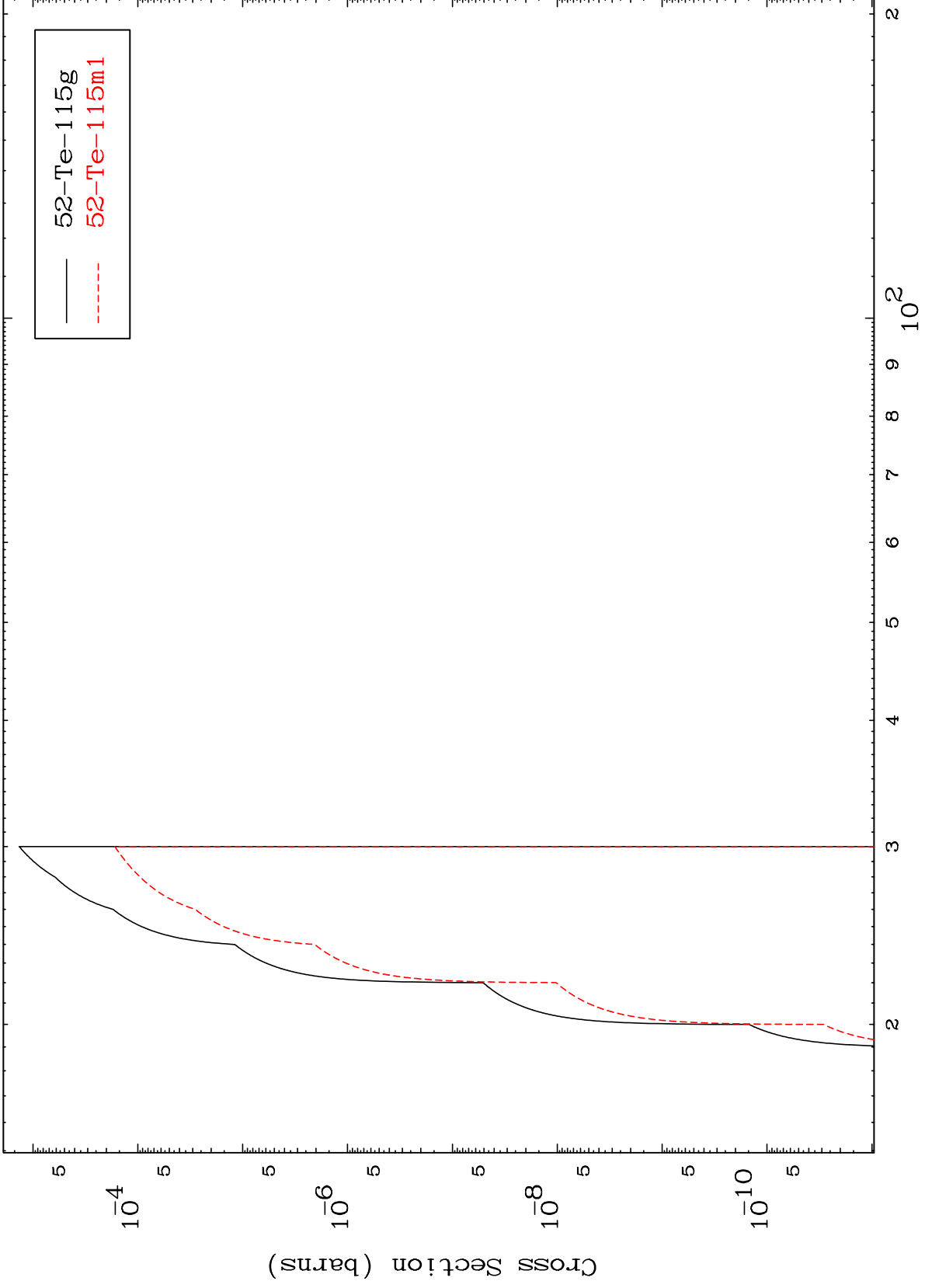
Incident Energy (MeV)

51-Sb-114

MAT 5104

51-Sb-114

(n,t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

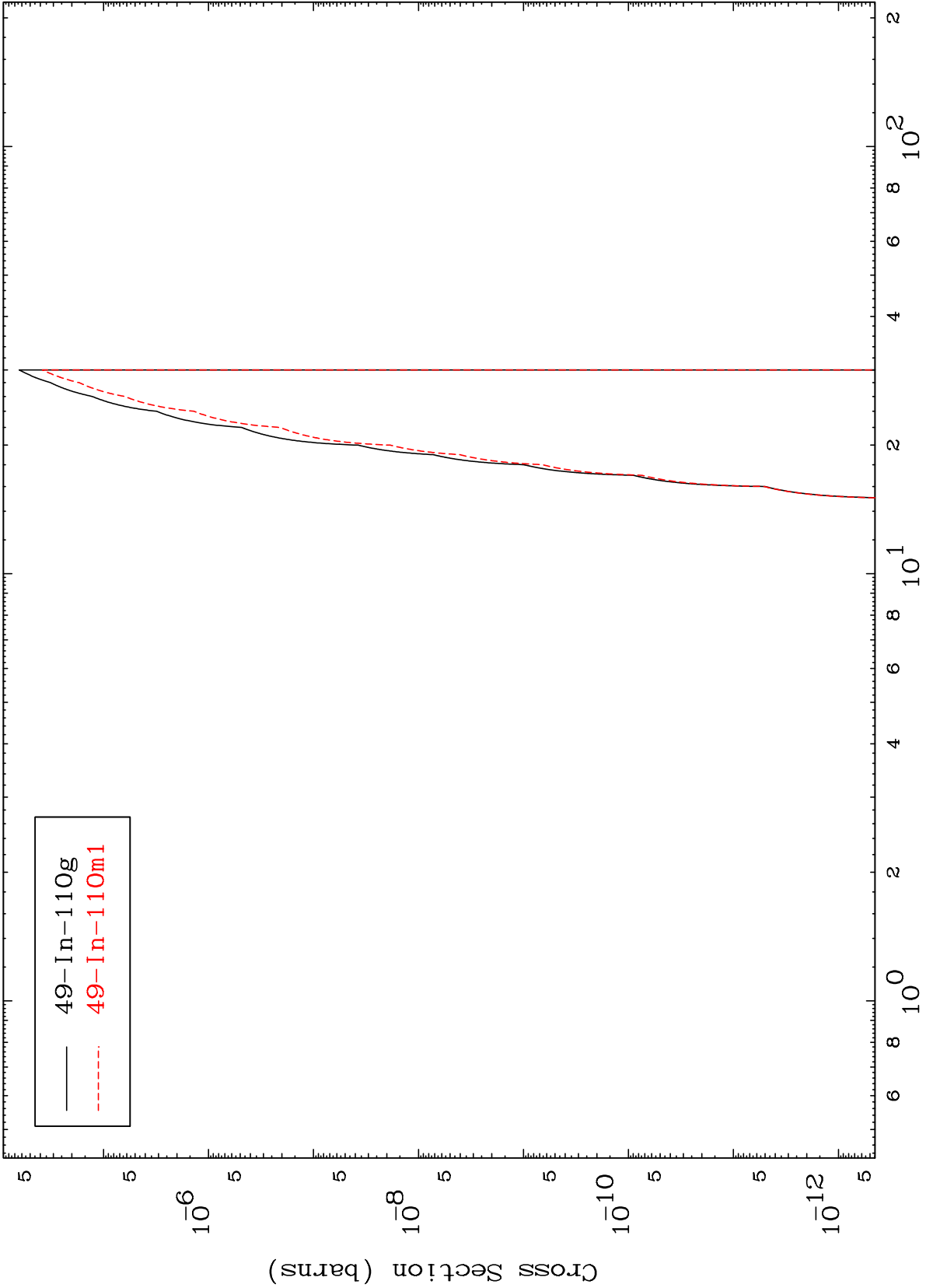
51-Sb-114

MAT 5104

(n,2α)

51-Sb-114

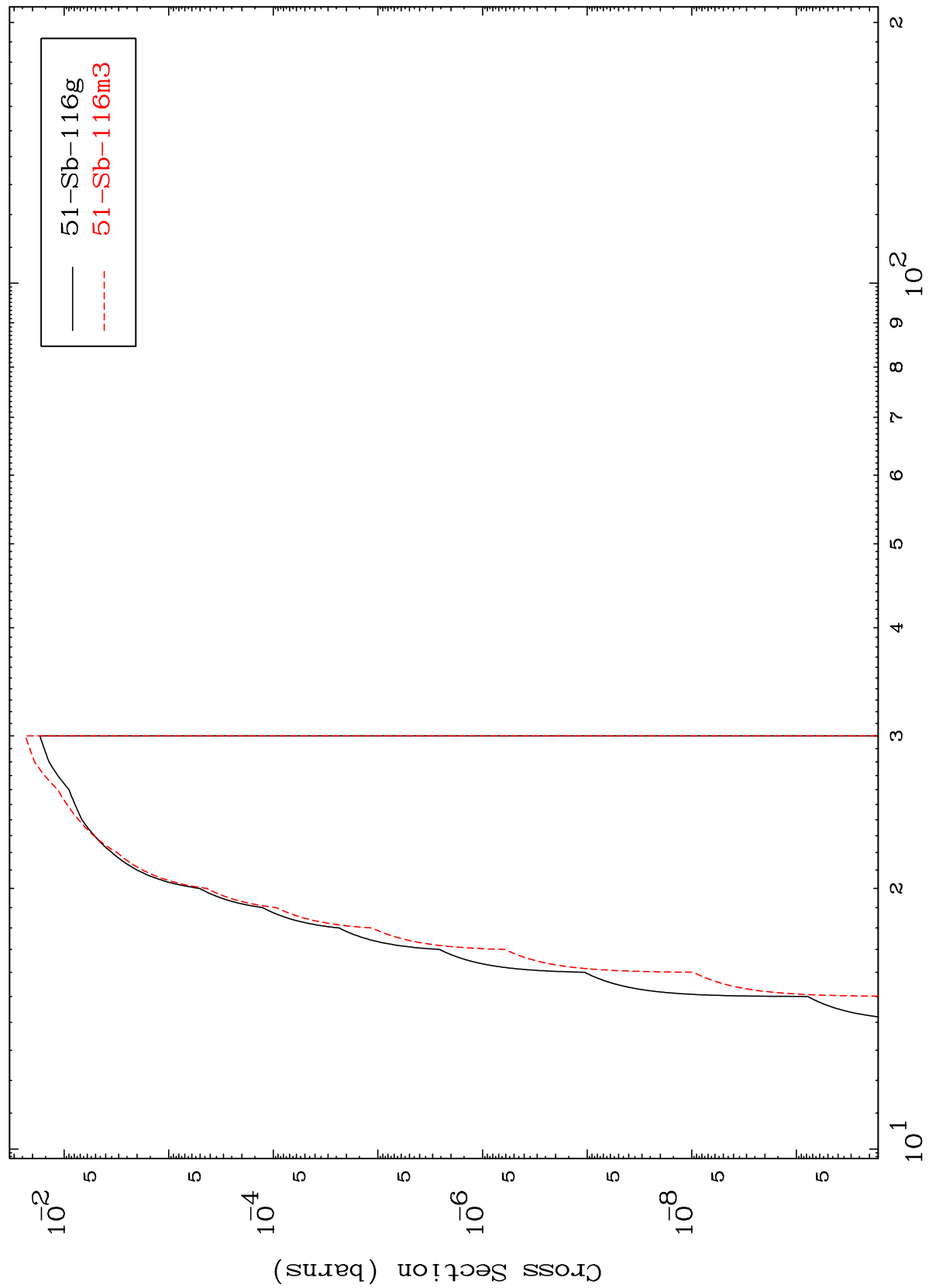
Radionuclide Production Cross Section



MAT 5104

51-Sb-114

(n,2p)
Radionuclide Production Cross Section



51-Sb-114

Incident Energy (MeV)

18

10¹

10²

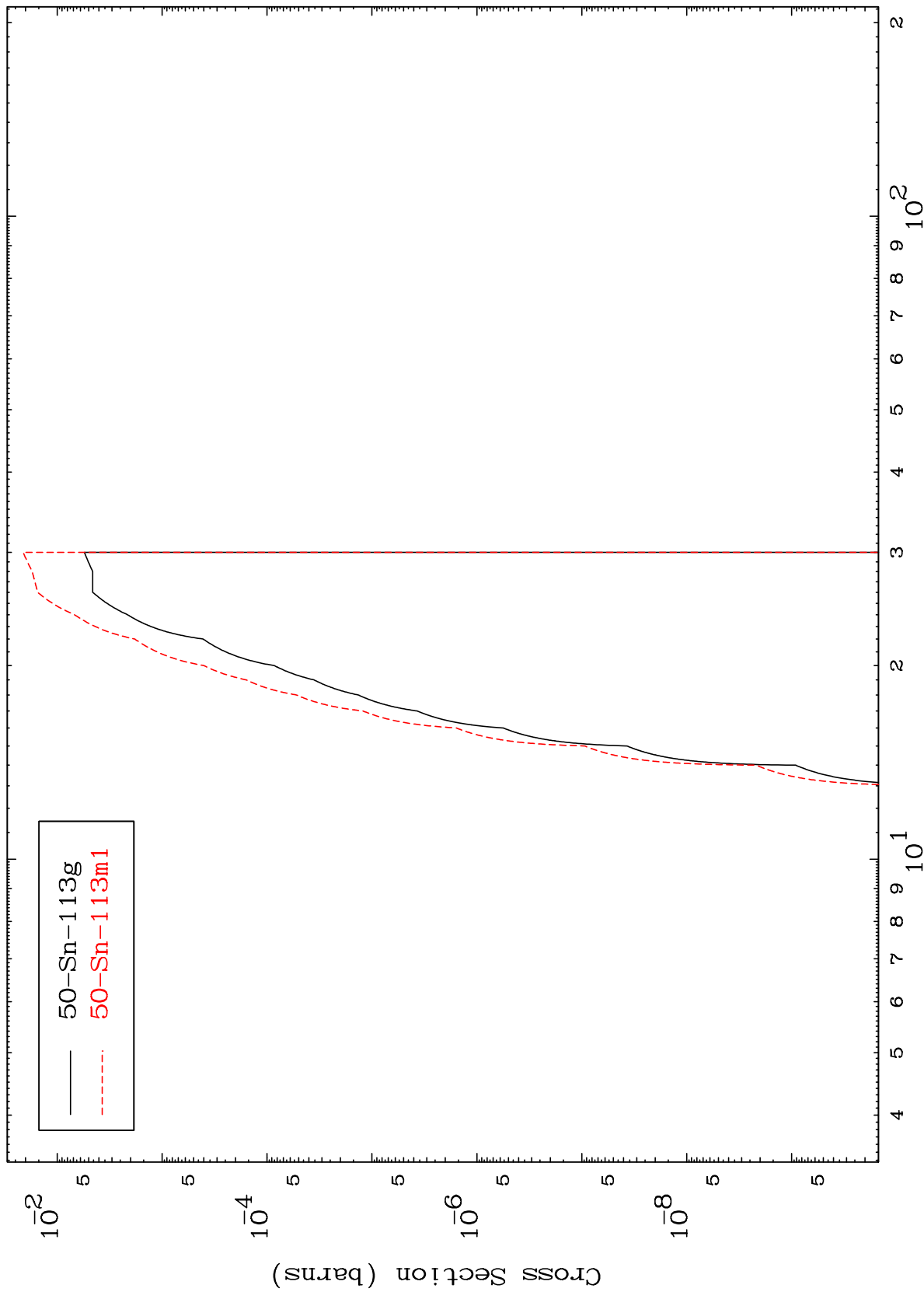
2

MAT 5104

(n,p) α

51-Sb-114

Radionuclide Production Cross Section



19

Incident Energy (MeV)

51-Sb-114