

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

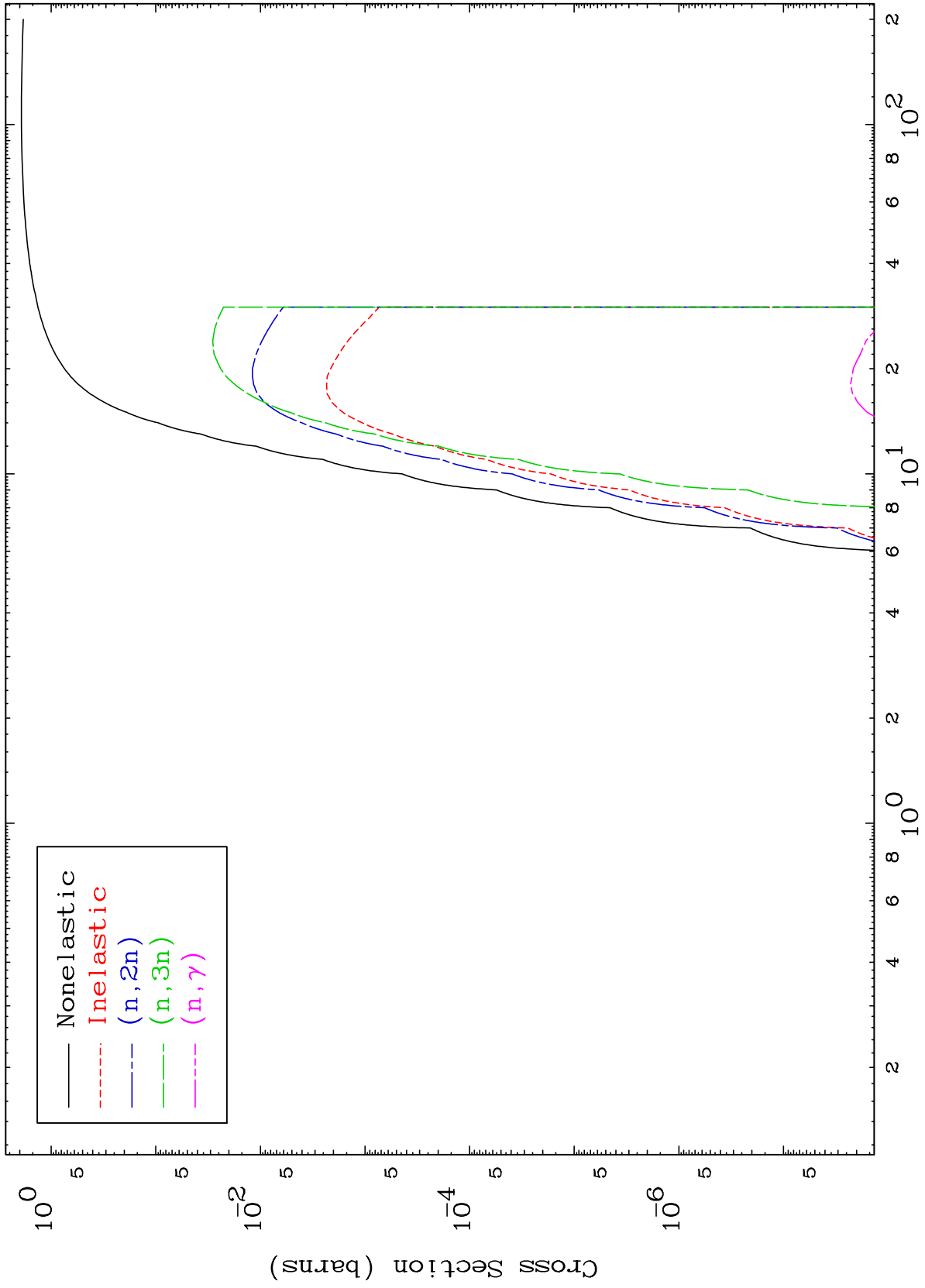
Press Mouse Button to Start

MAT 4946

He-3 Major

49-In-120

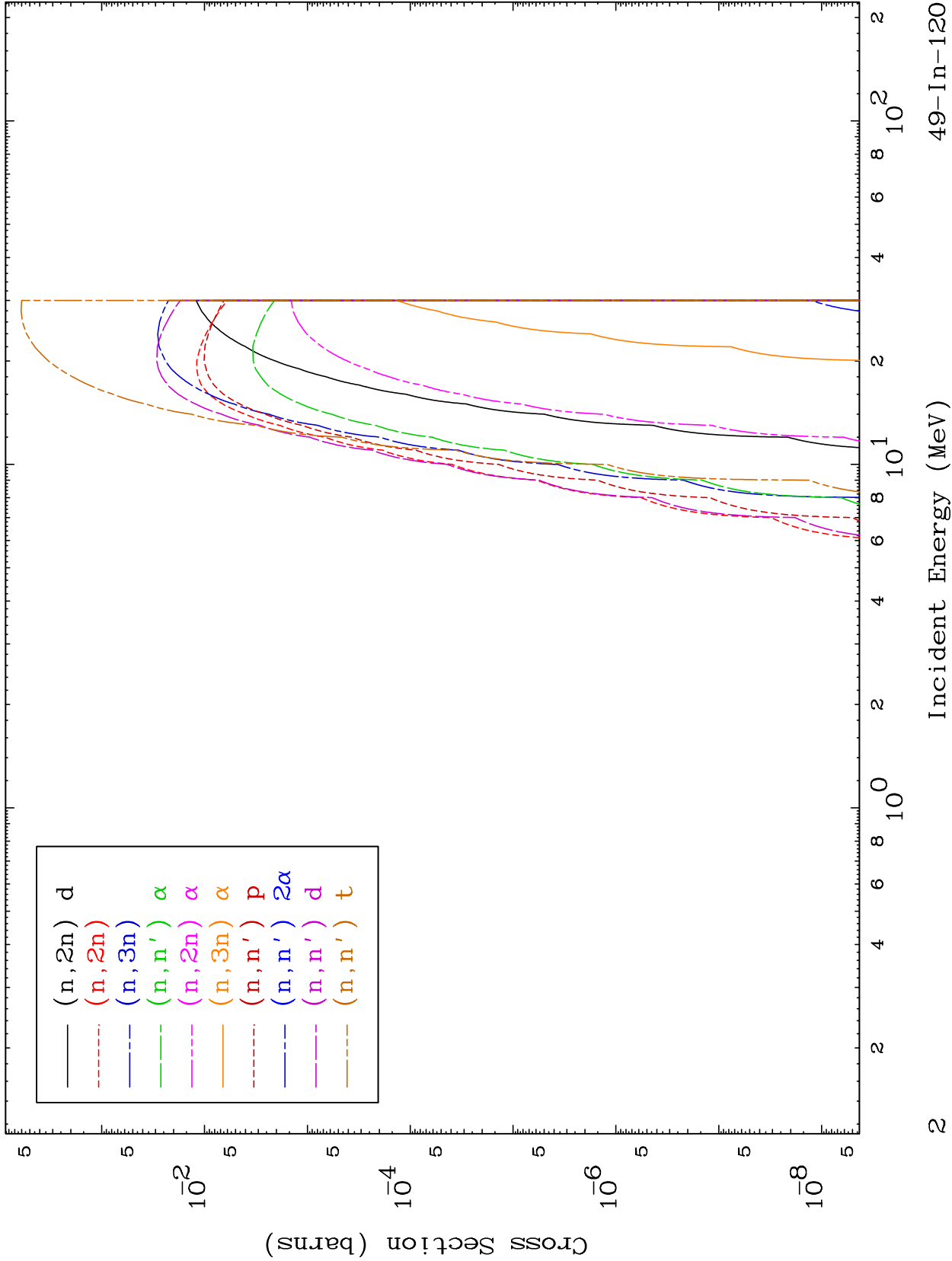
0 Kelvin Cross Sections

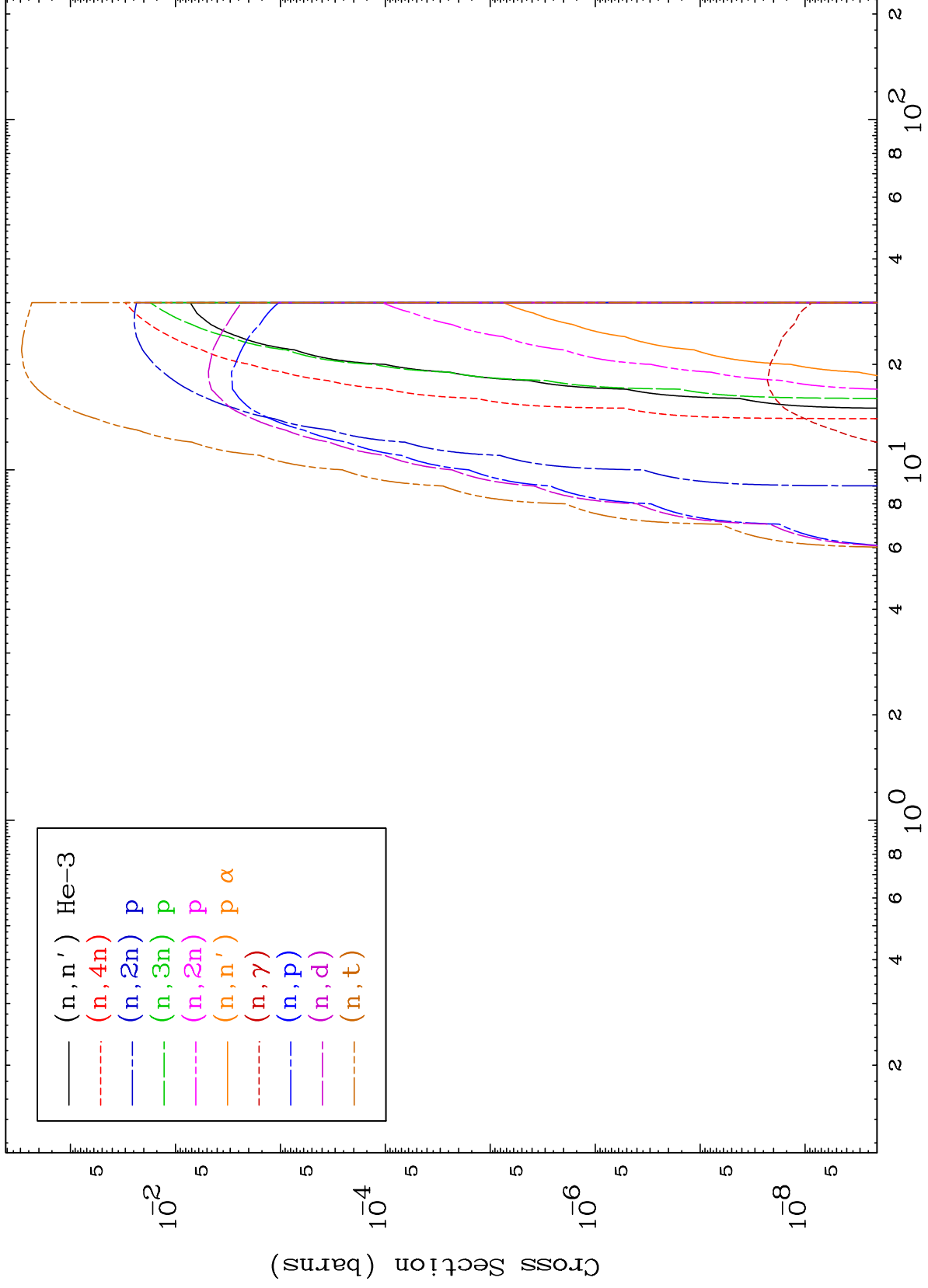


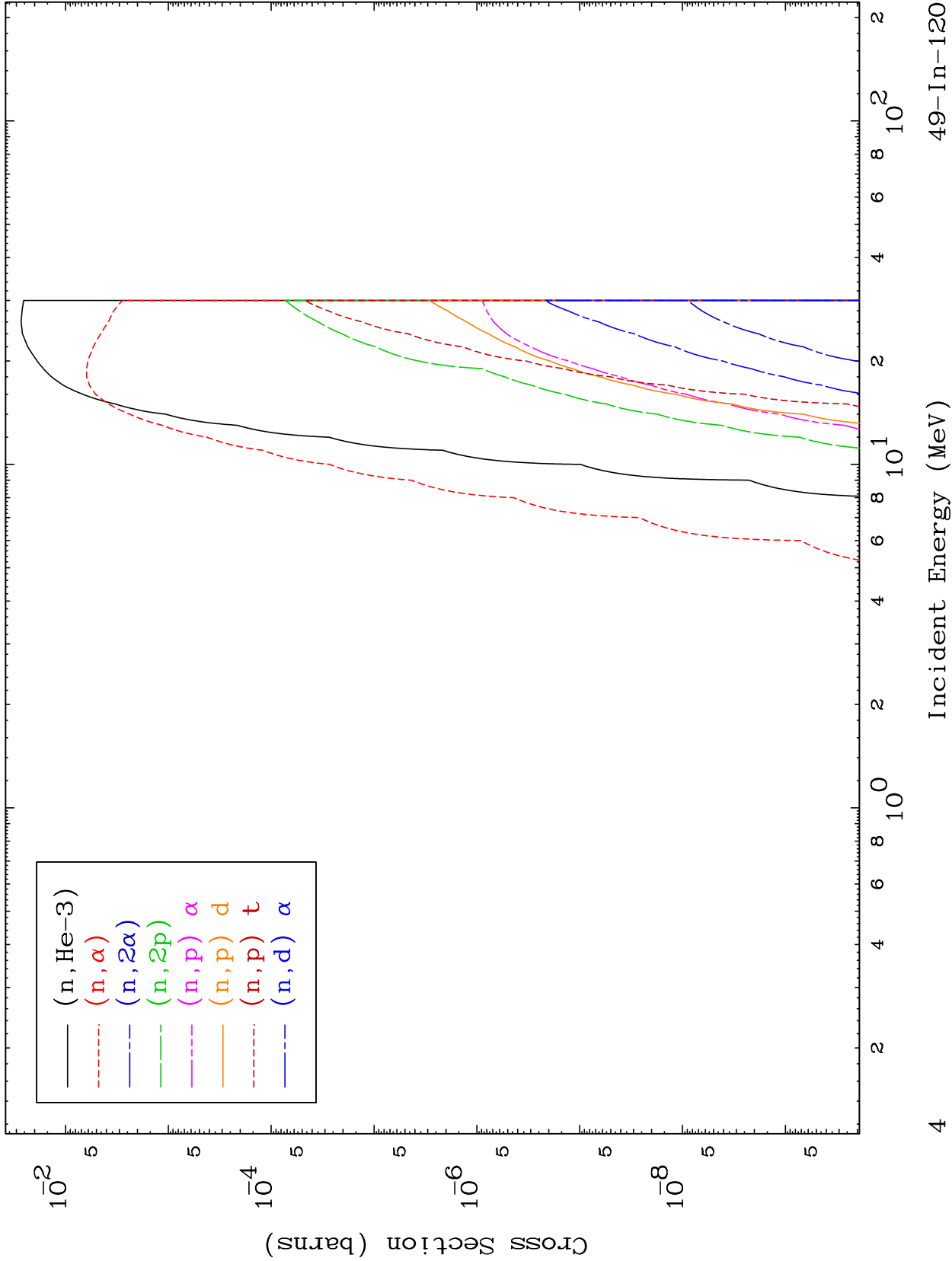
MAT 4946

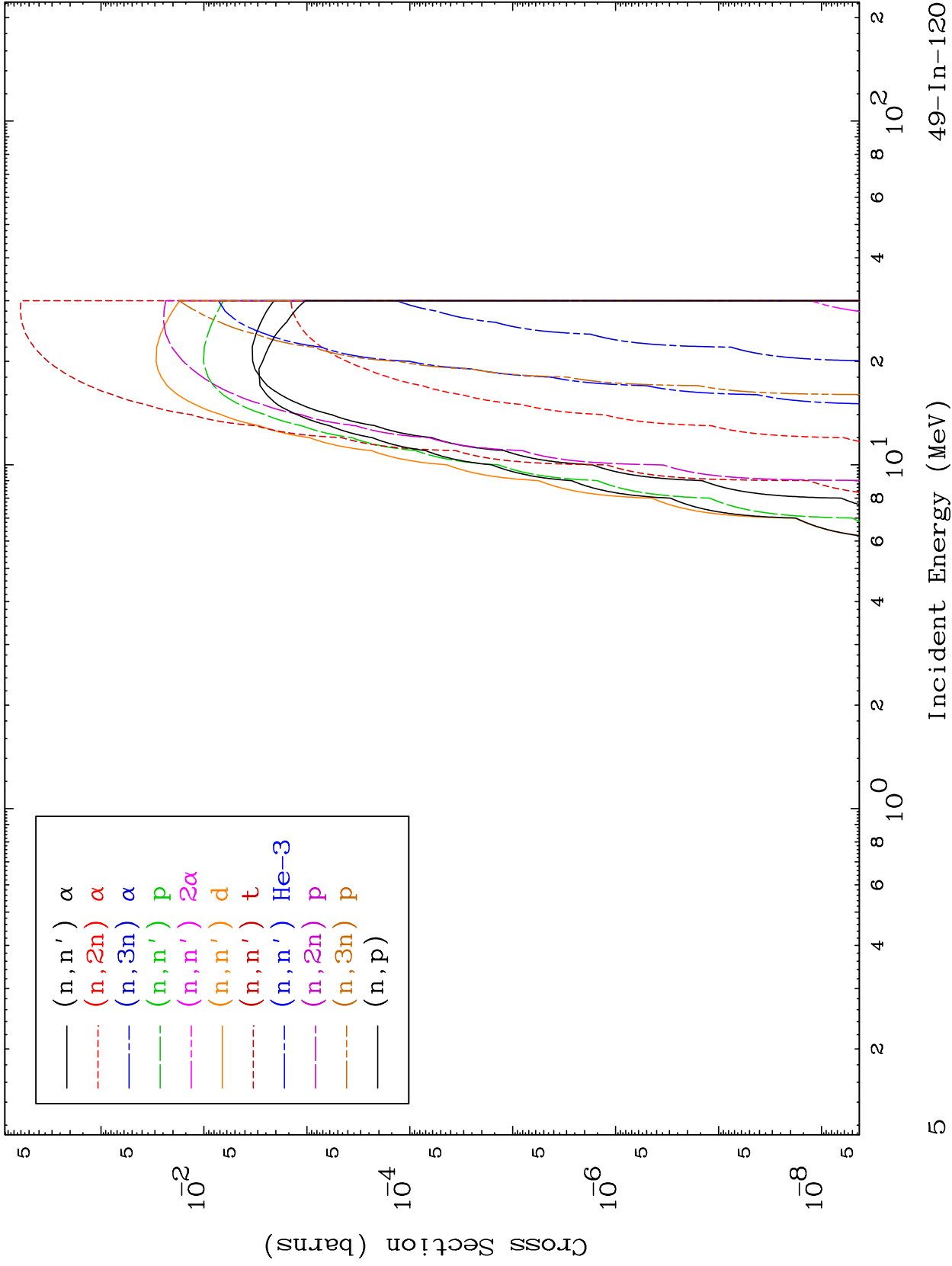
He-3 Neutron Absorption
0 Kelvin Cross Sections

49-In-120





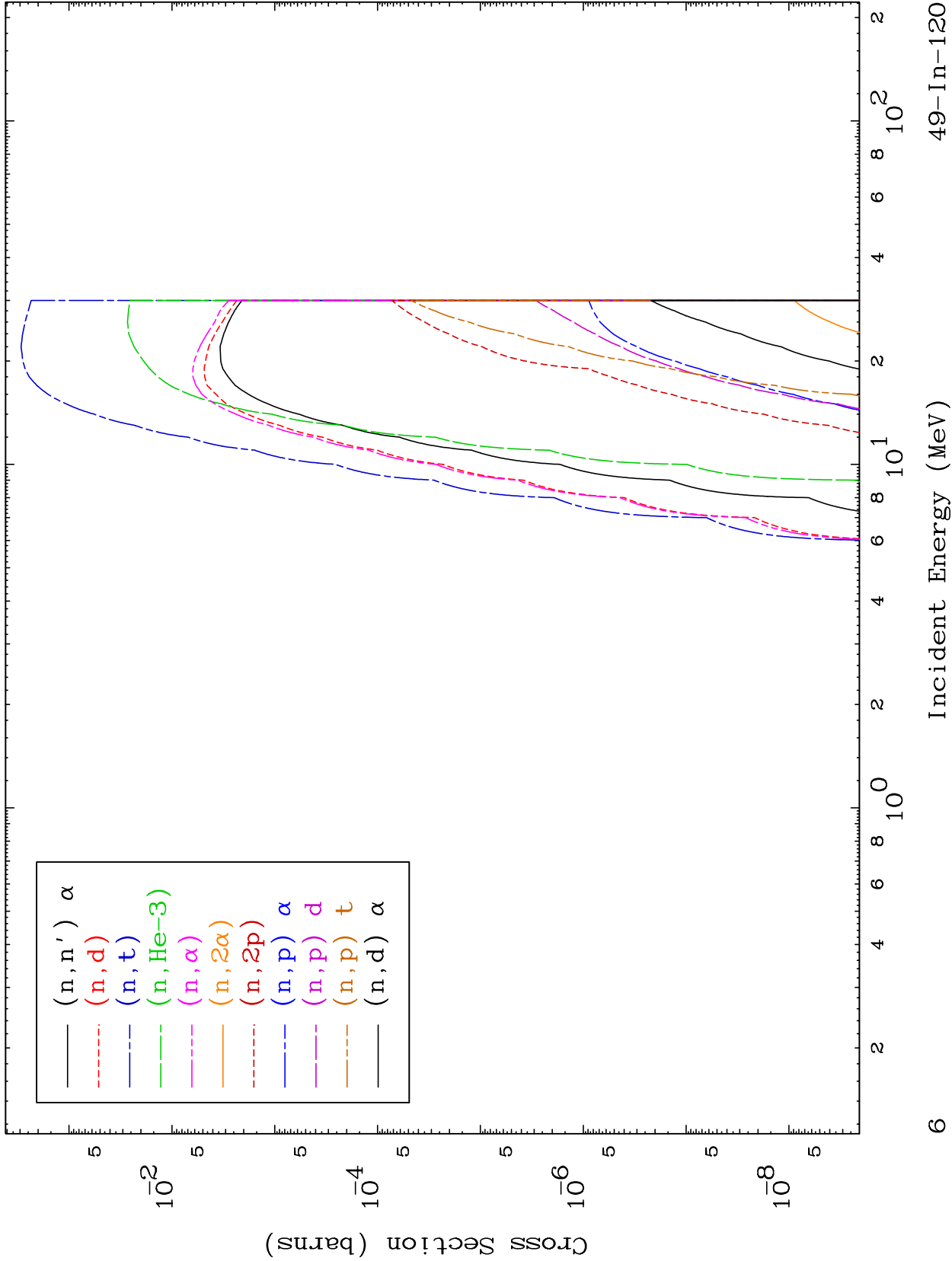




MAT 4946

He-3 Charged Particle
0 Kelvin Cross Sections

49-In-120

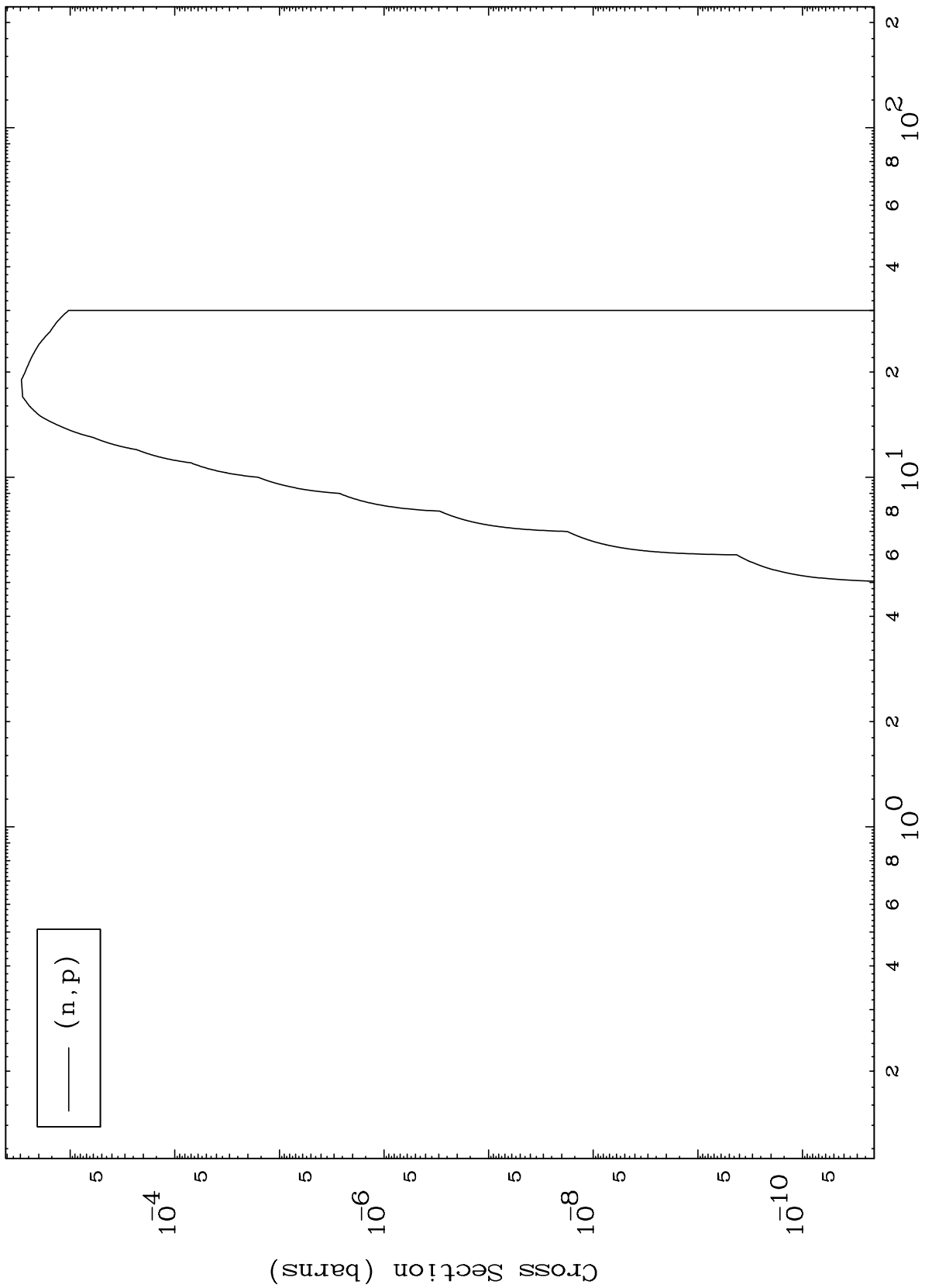


MAT 4946

(He-3,p) Levels

49-In-120

0 Kelvin Cross Sections

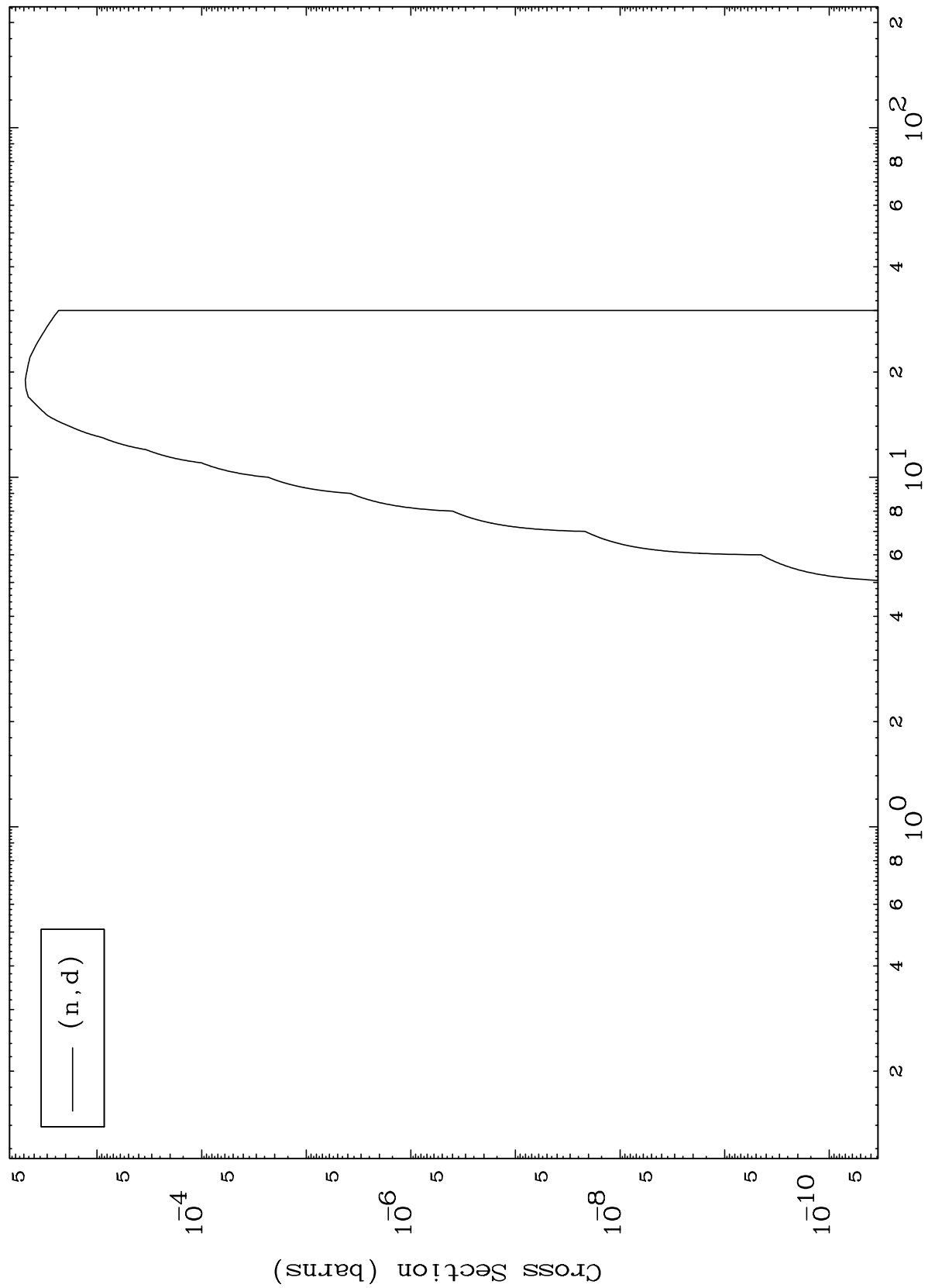


MAT 4946

(He-3,d) Levels

49-In-120

0 Kelvin Cross Sections

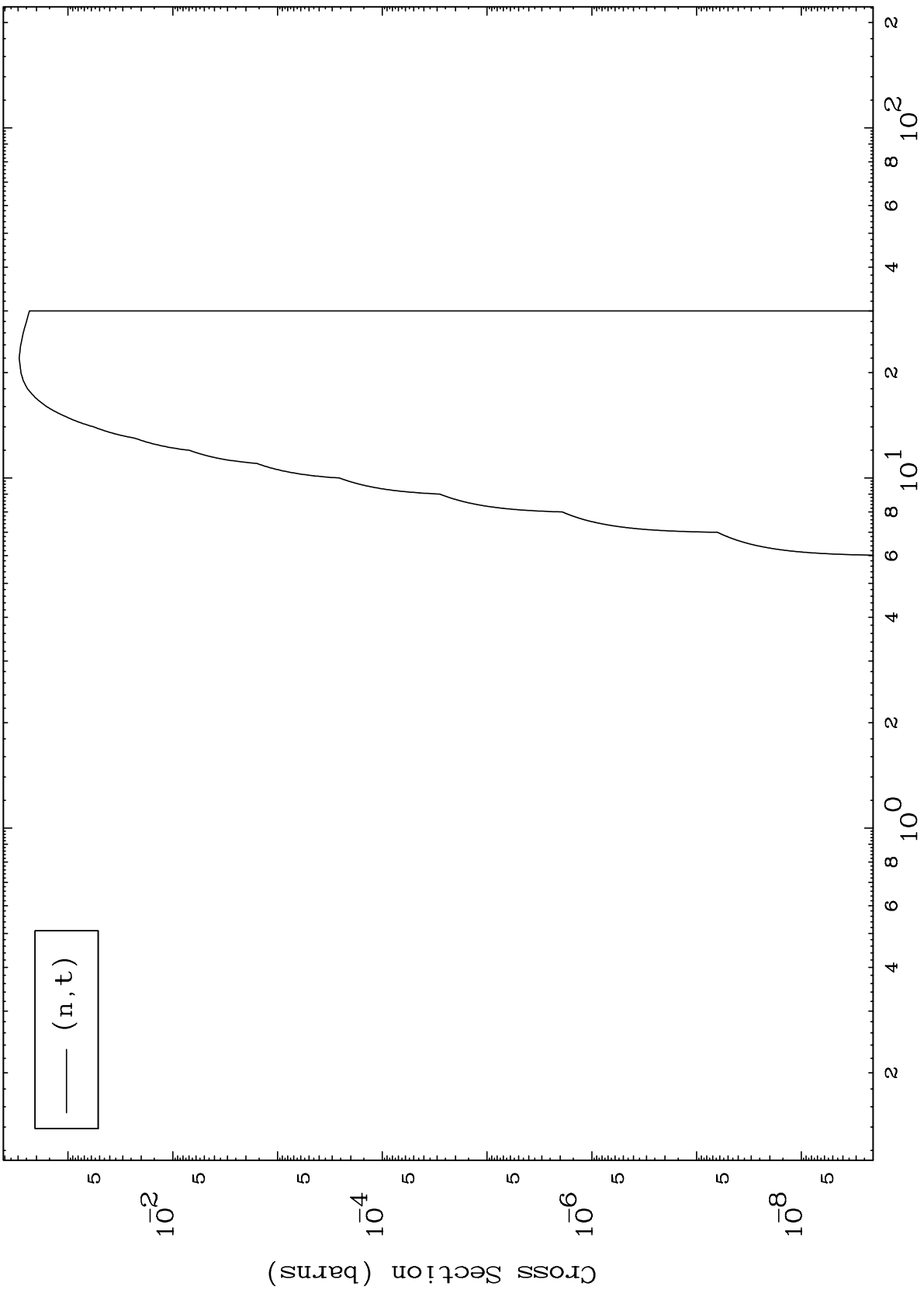


MAT 4946

(He-3,t) Levels

49-In-120

0 Kelvin Cross Sections

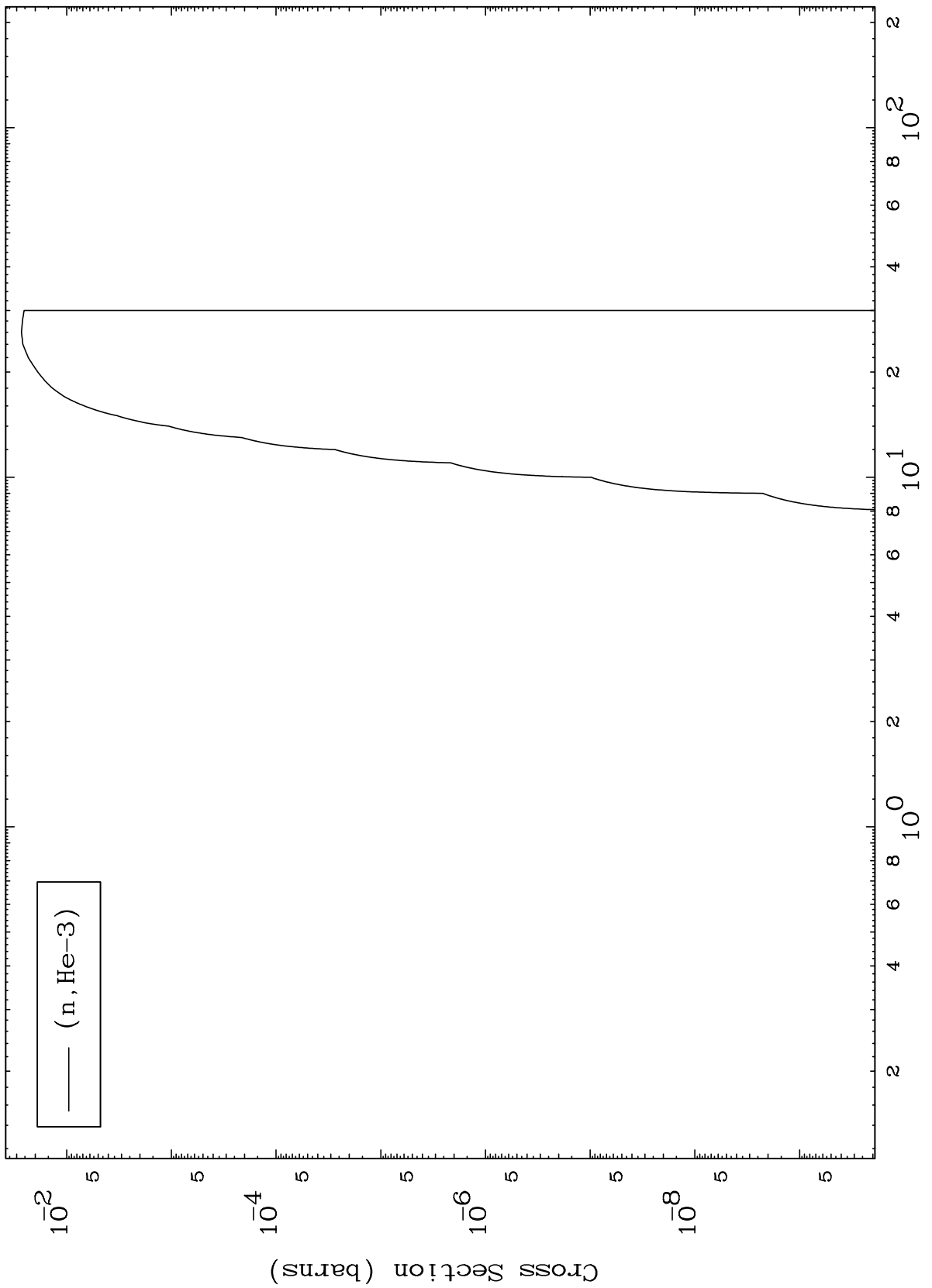


MAT 4946

(He-3, He3) Levels

49-In-120

0 Kelvin Cross Sections



(n, He-3)

10

Incident Energy (MeV)

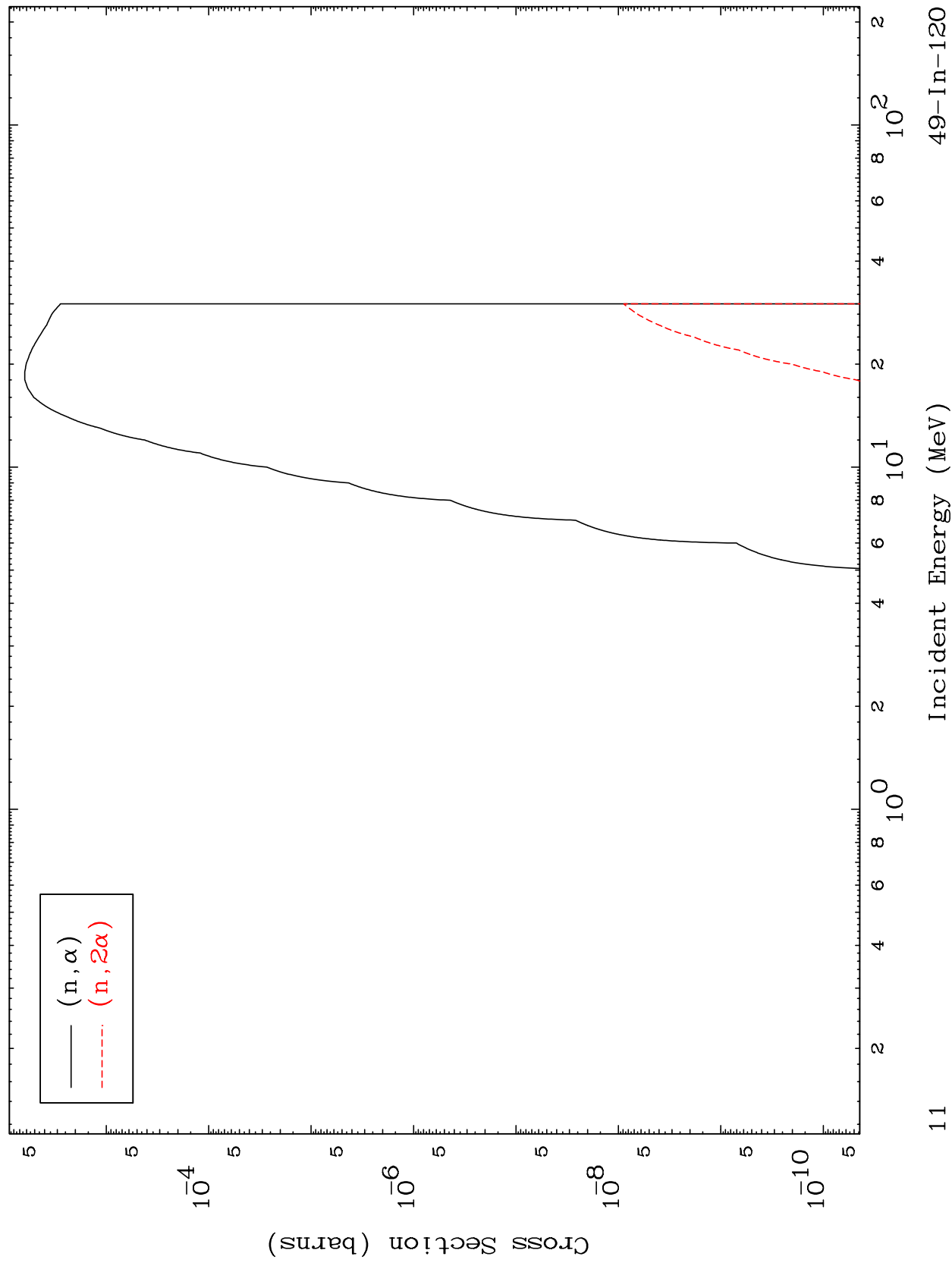
49-In-120

MAT 4946

(He-3, α) Levels

49-In-120

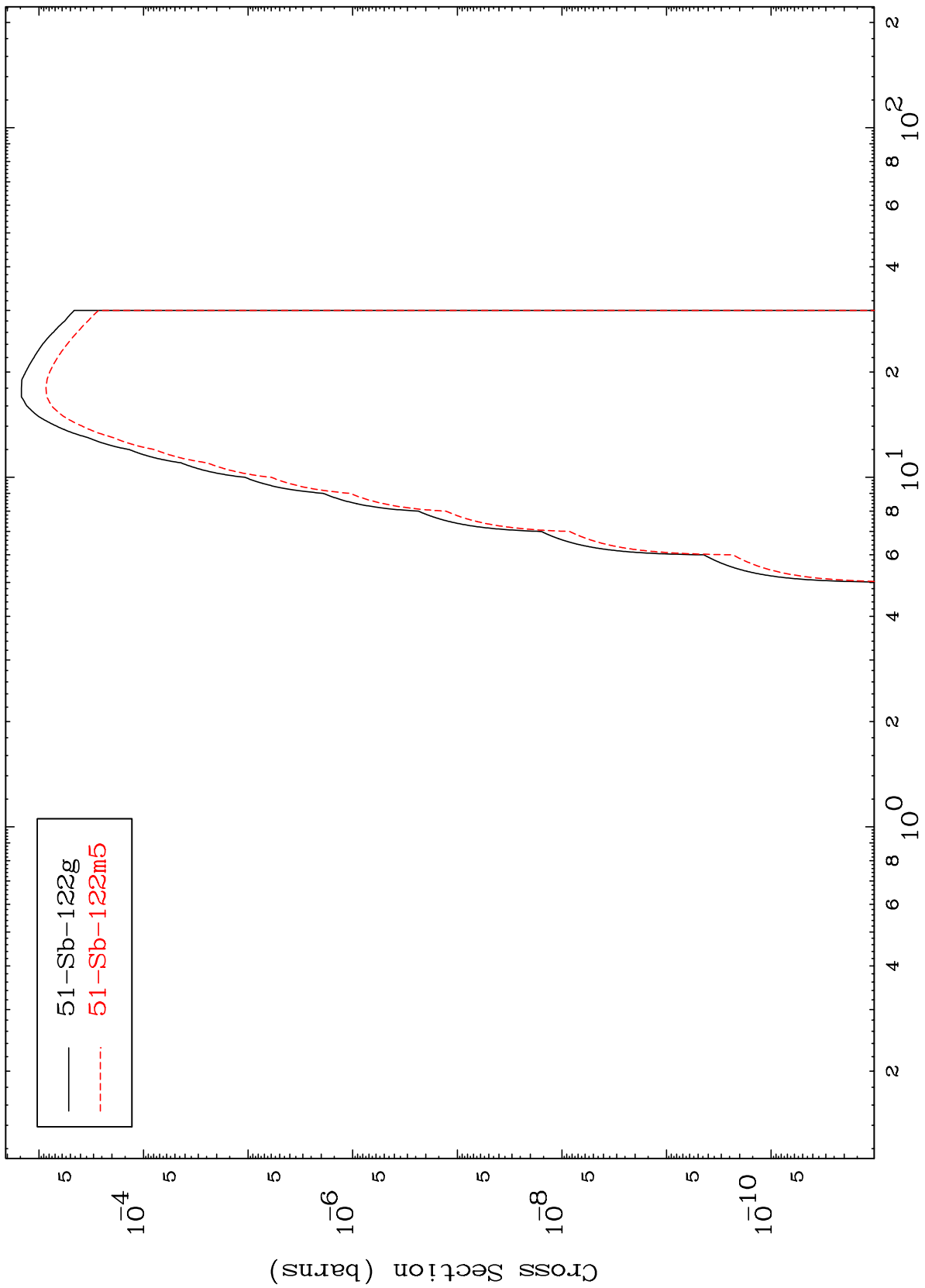
0 Kelvin Cross Sections



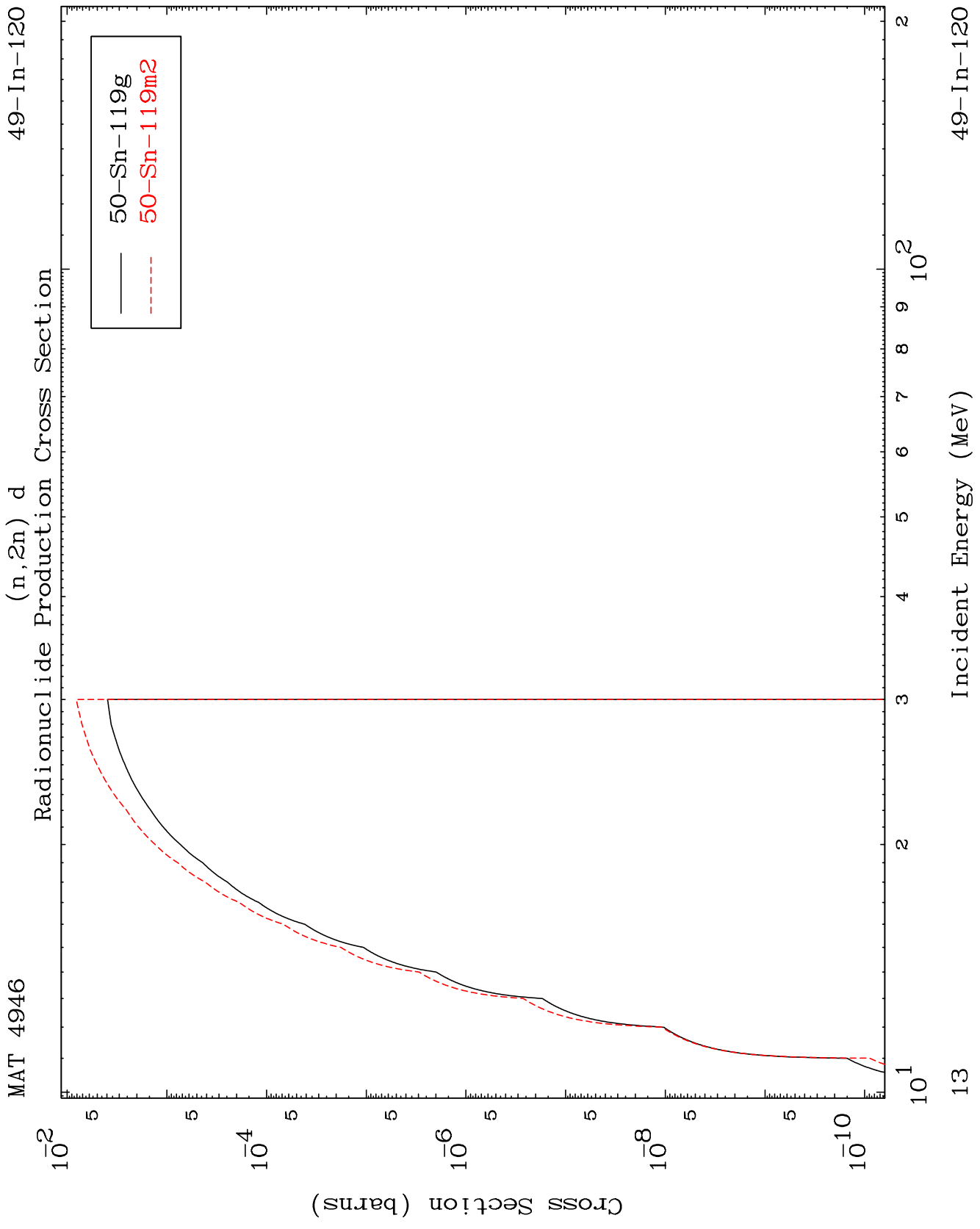
MAT 4946

49-In-120

Radionuclide Production Cross Section



51-Sb-122g
51-Sb-122m5



10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10¹

2

3

4

5

6

7

8

9

10²

2

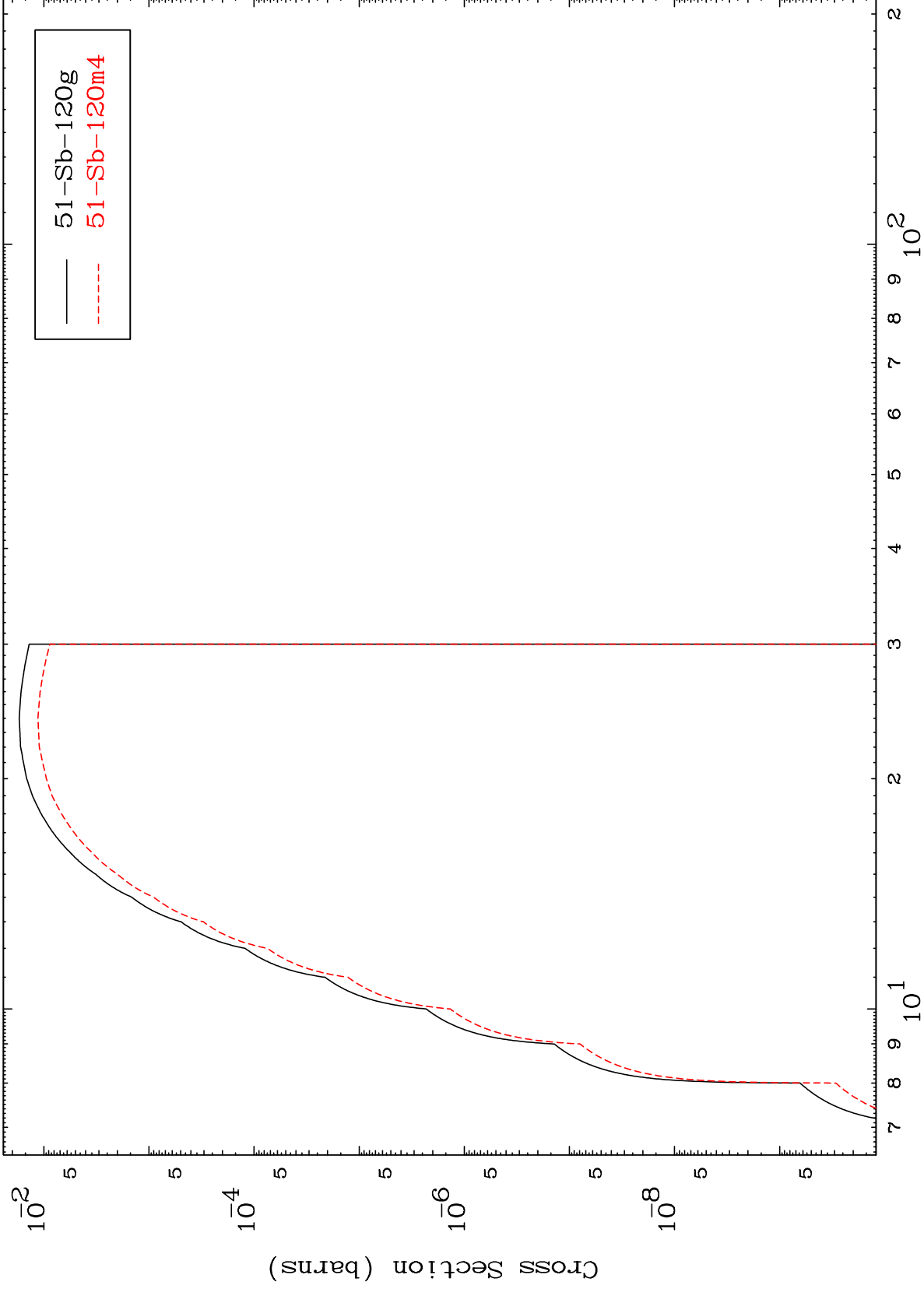
50-Sn-119g
50-Sn-119m2

MAT 4946

(n,3n)

49-In-120

Radionuclide Production Cross Section



14

Incident Energy (MeV)

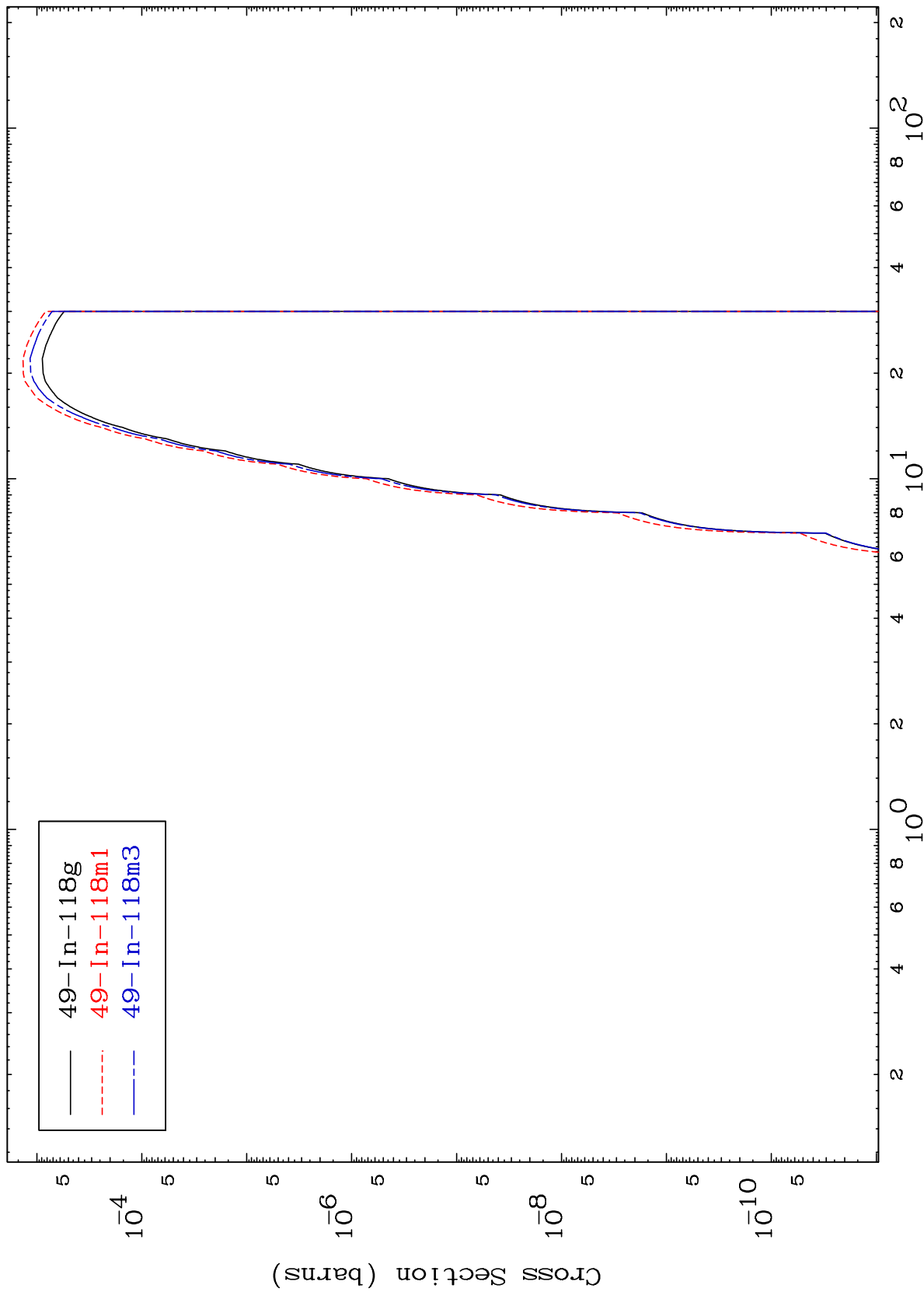
49-In-120

MAT 4946

49-In-120

(n,n') α

Radionuclide Production Cross Section



15

49-In-120

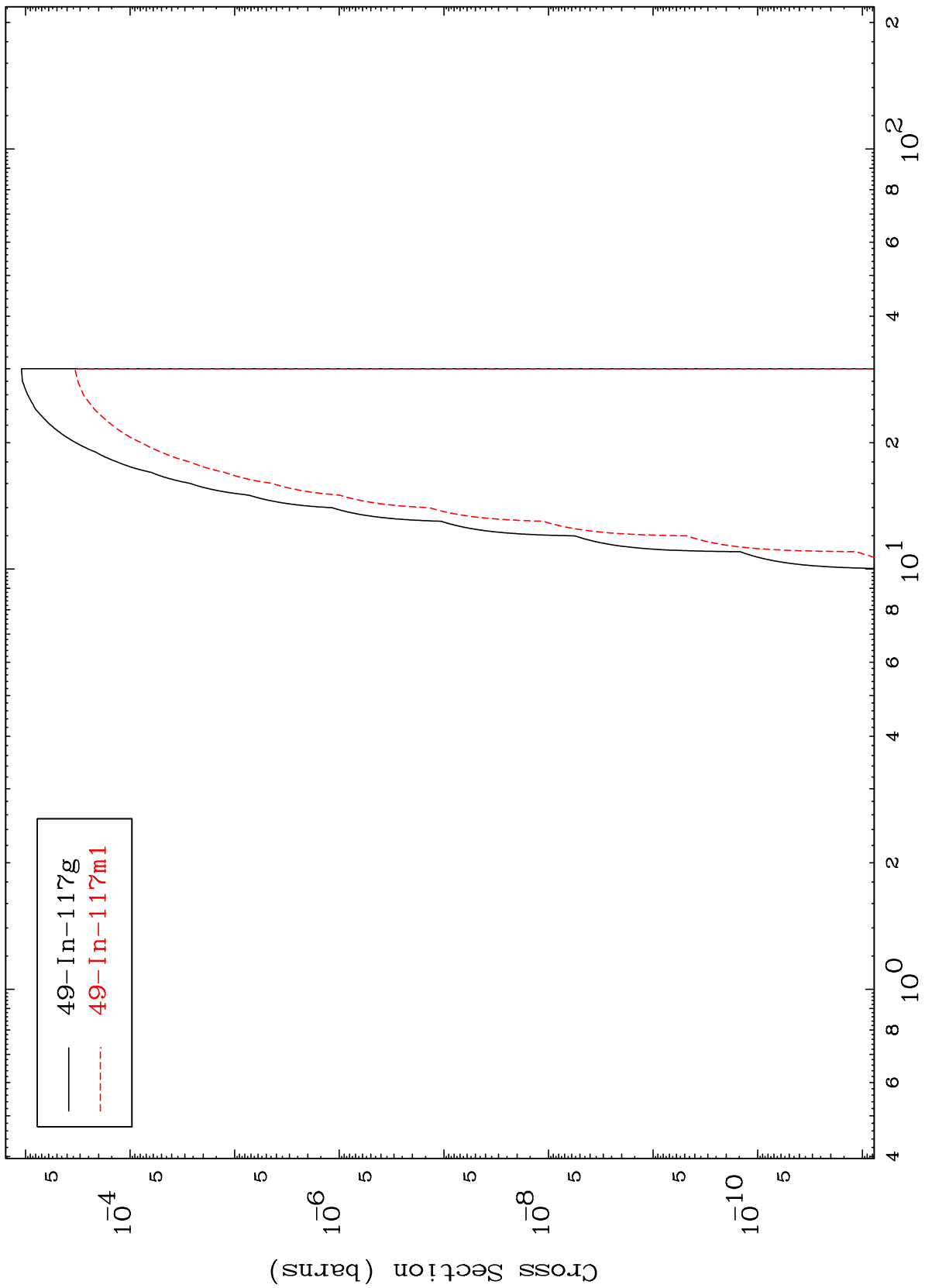
Incident Energy (MeV)

MAT 4946

(n,2n) α

49-In-120

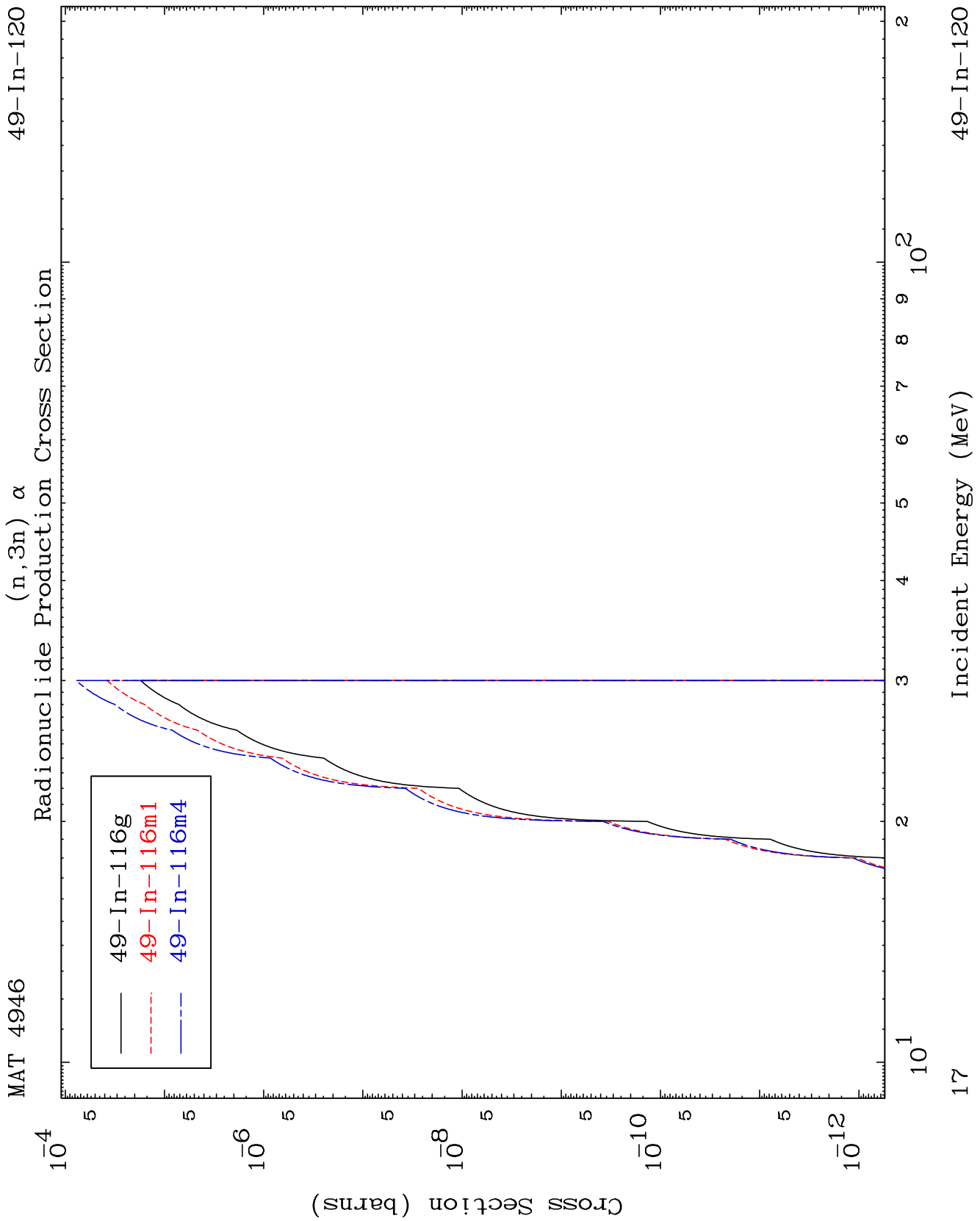
Radionuclide Production Cross Section



16

Incident Energy (MeV)

49-In-120

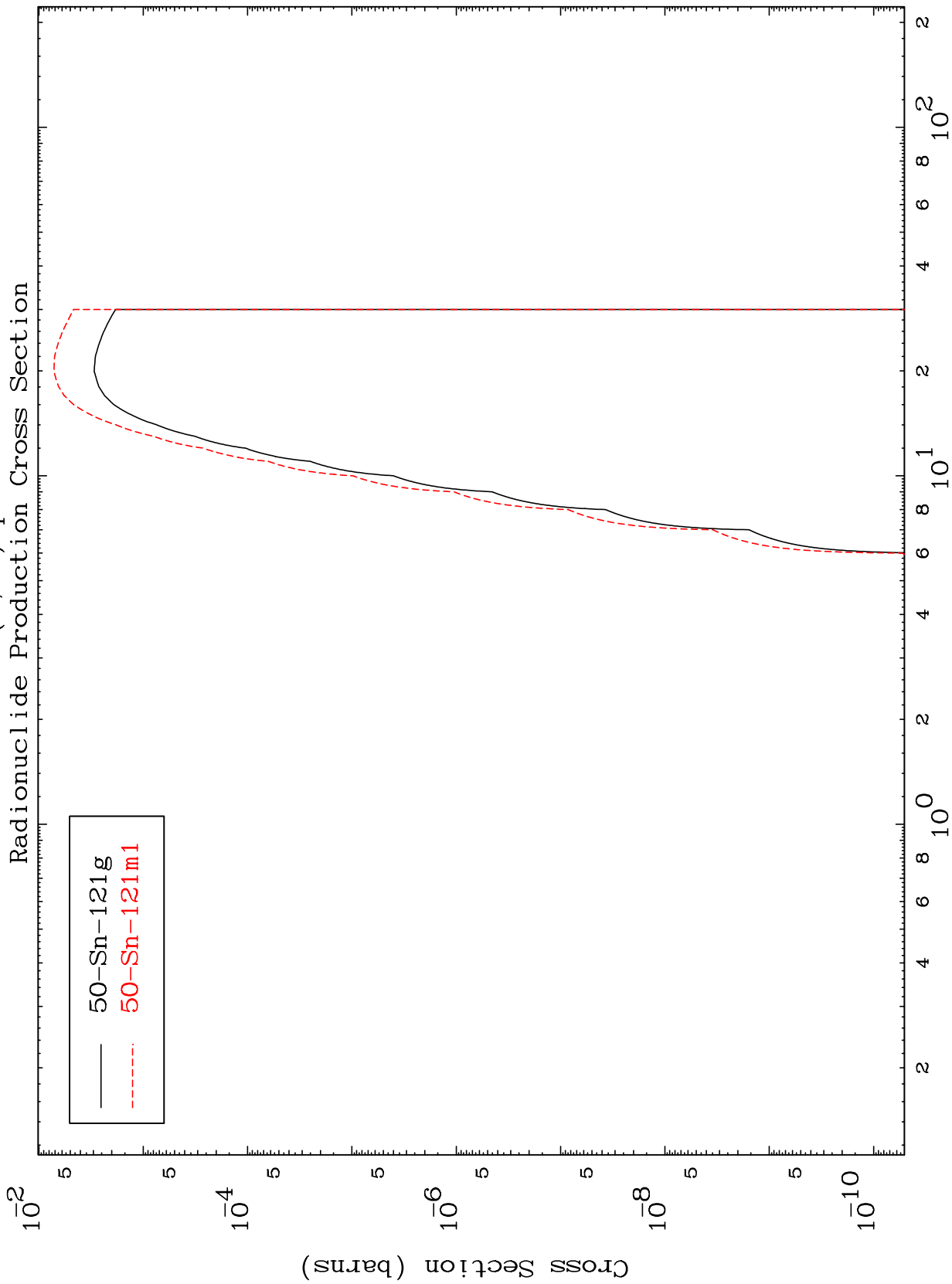


MAT 4946

(n,n') p

49-In-120

Radionuclide Production Cross Section

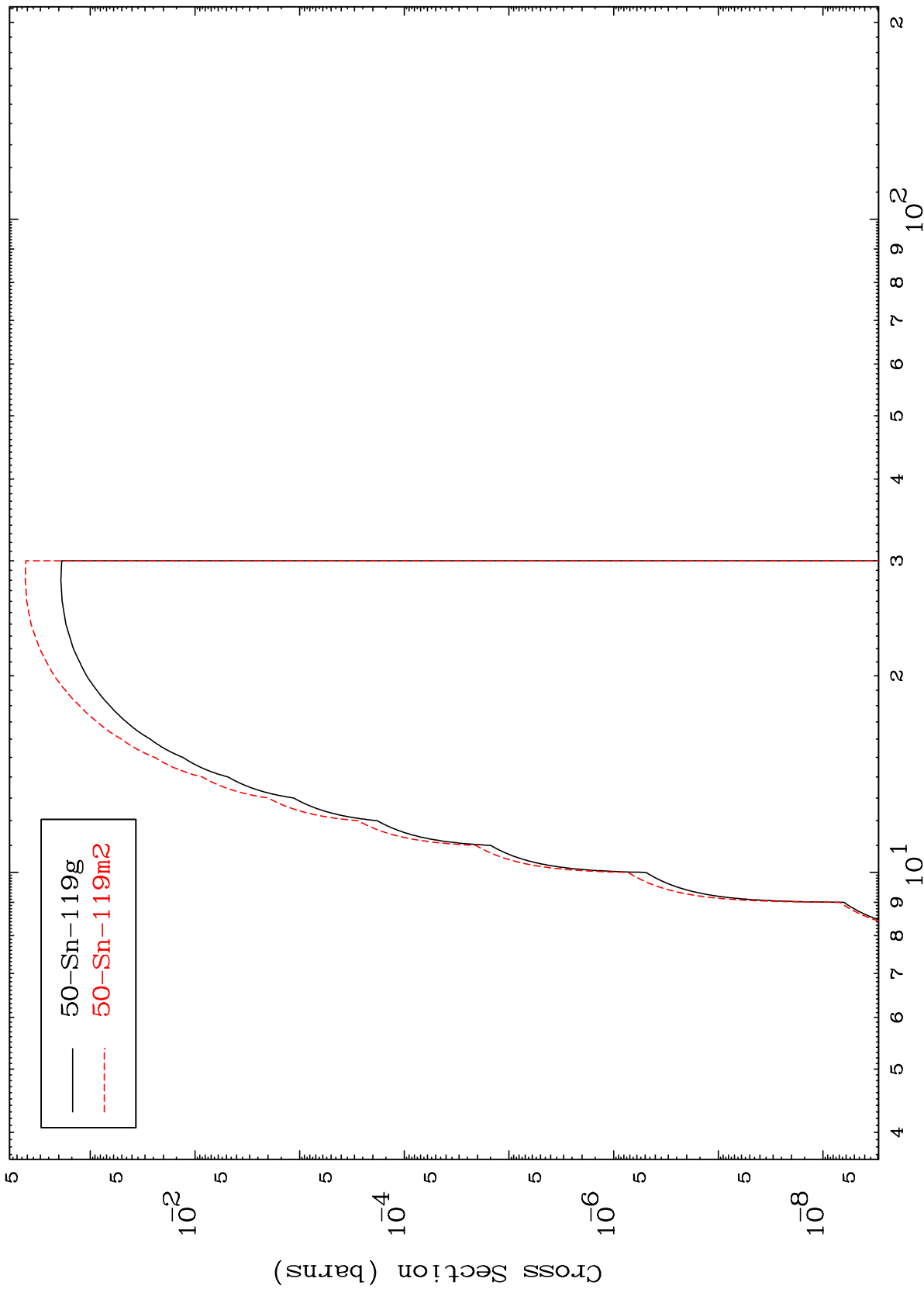


MAT 4946

(n,n') t

49-In-120

Radionuclide Production Cross Section



19

Incident Energy (MeV)

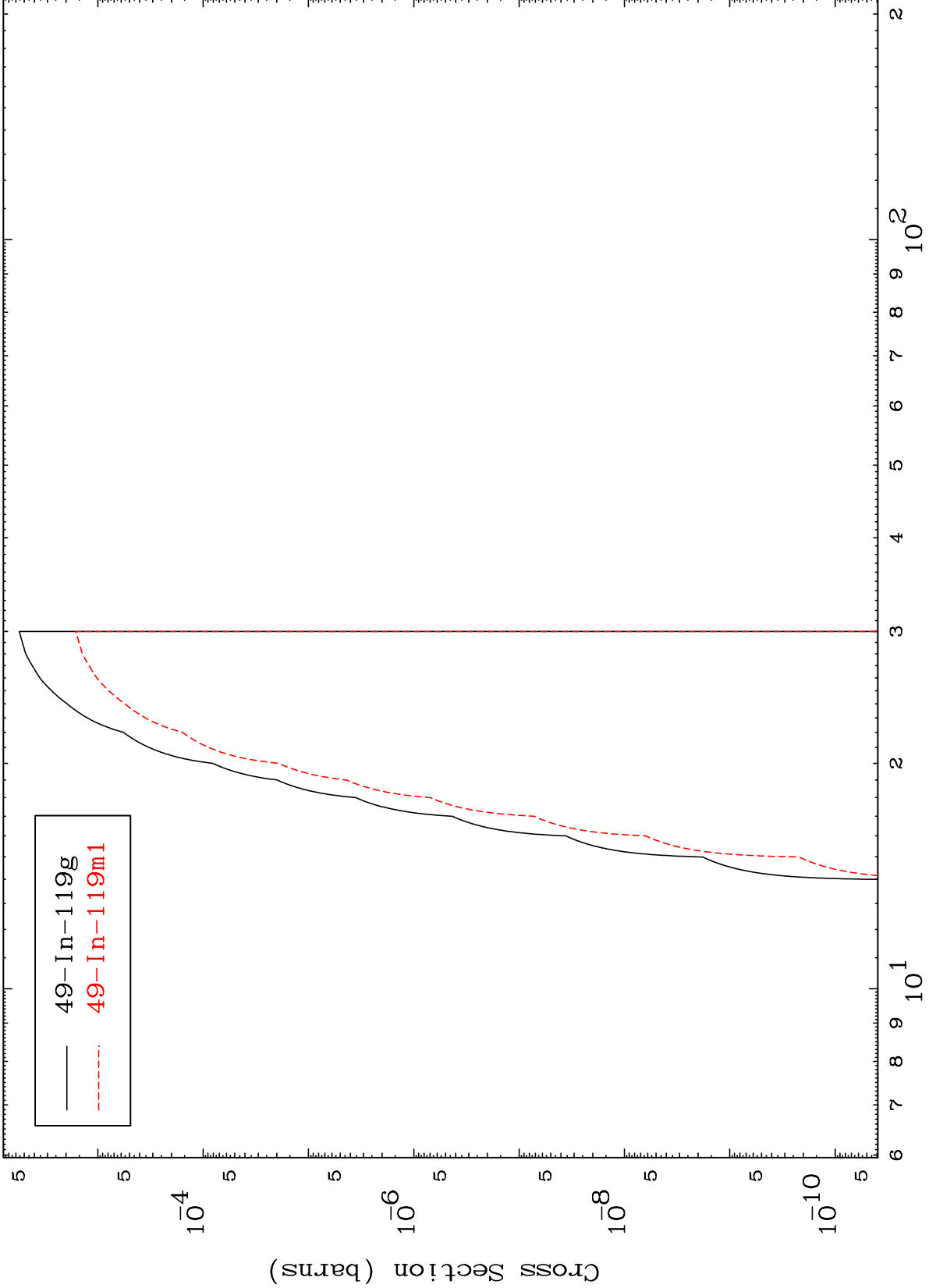
49-In-120

MAT 4946

(n,n') He-3

49-In-120

Radionuclide Production Cross Section

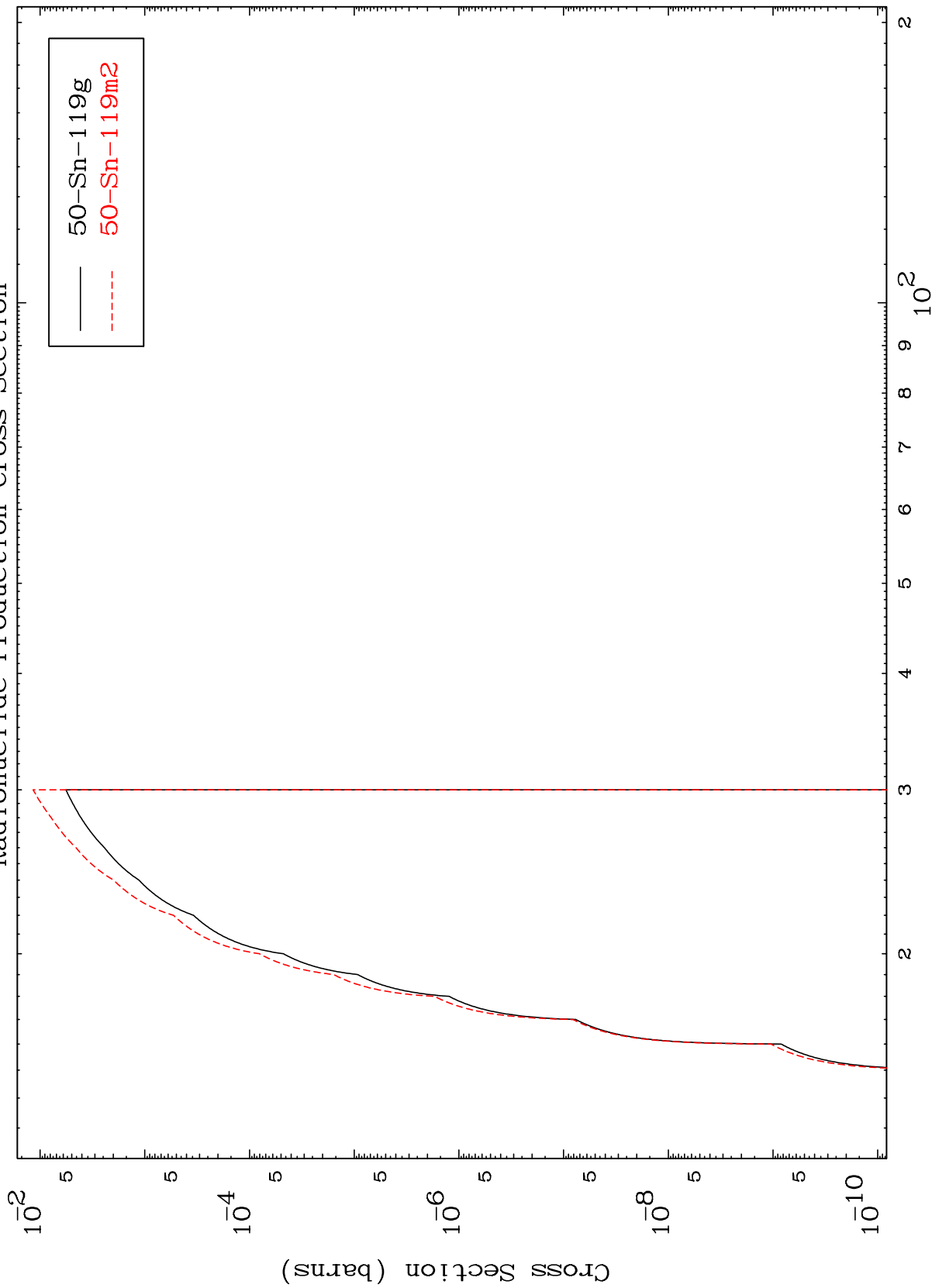


20

Incident Energy (MeV)

49-In-120

Radionuclide Production Cross Section

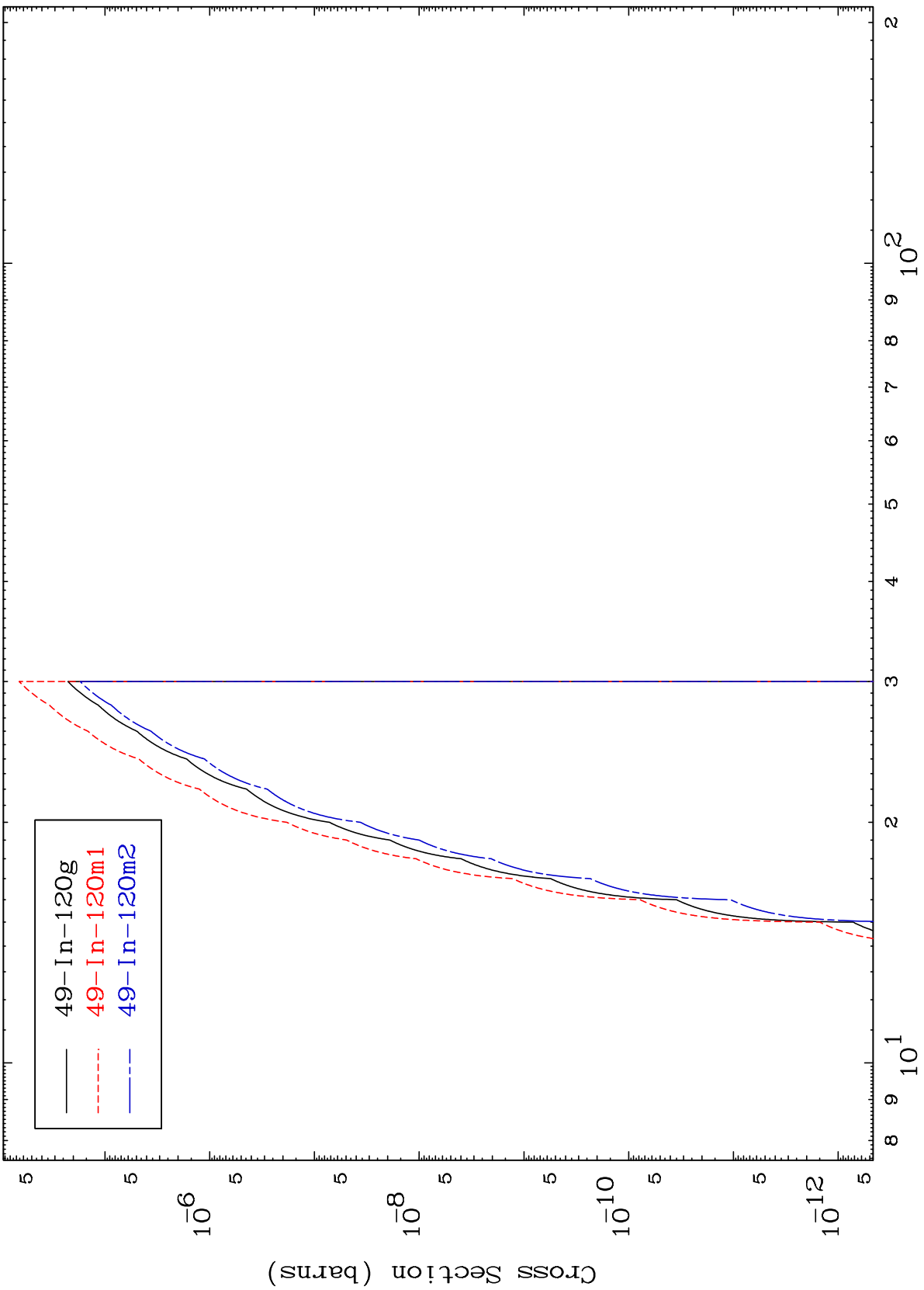


MAT 4946

(n,2n) p

49-In-120

Radionuclide Production Cross Section

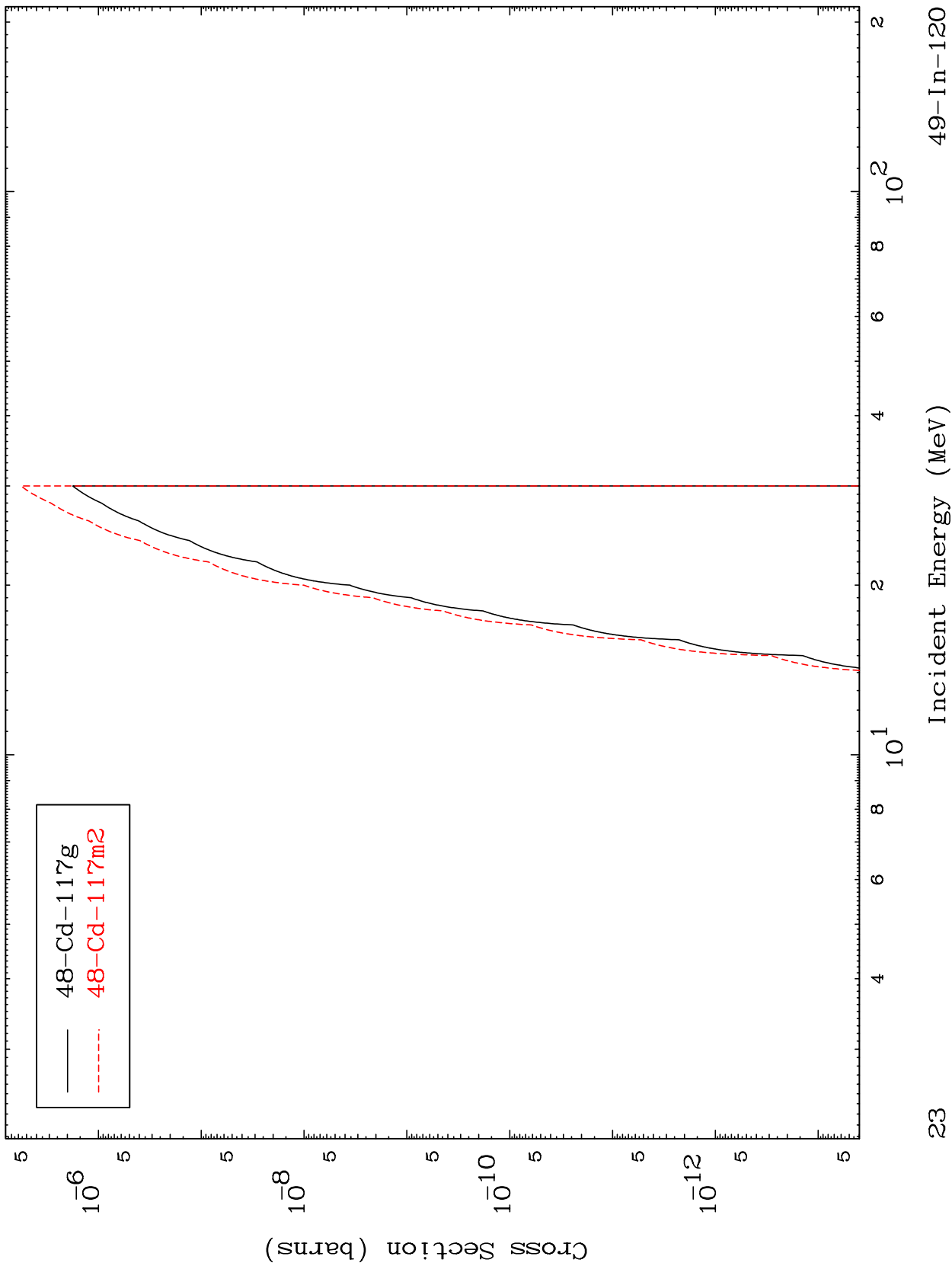


MAT 4946

(n,n') p α

49-In-120

Radionuclide Production Cross Section

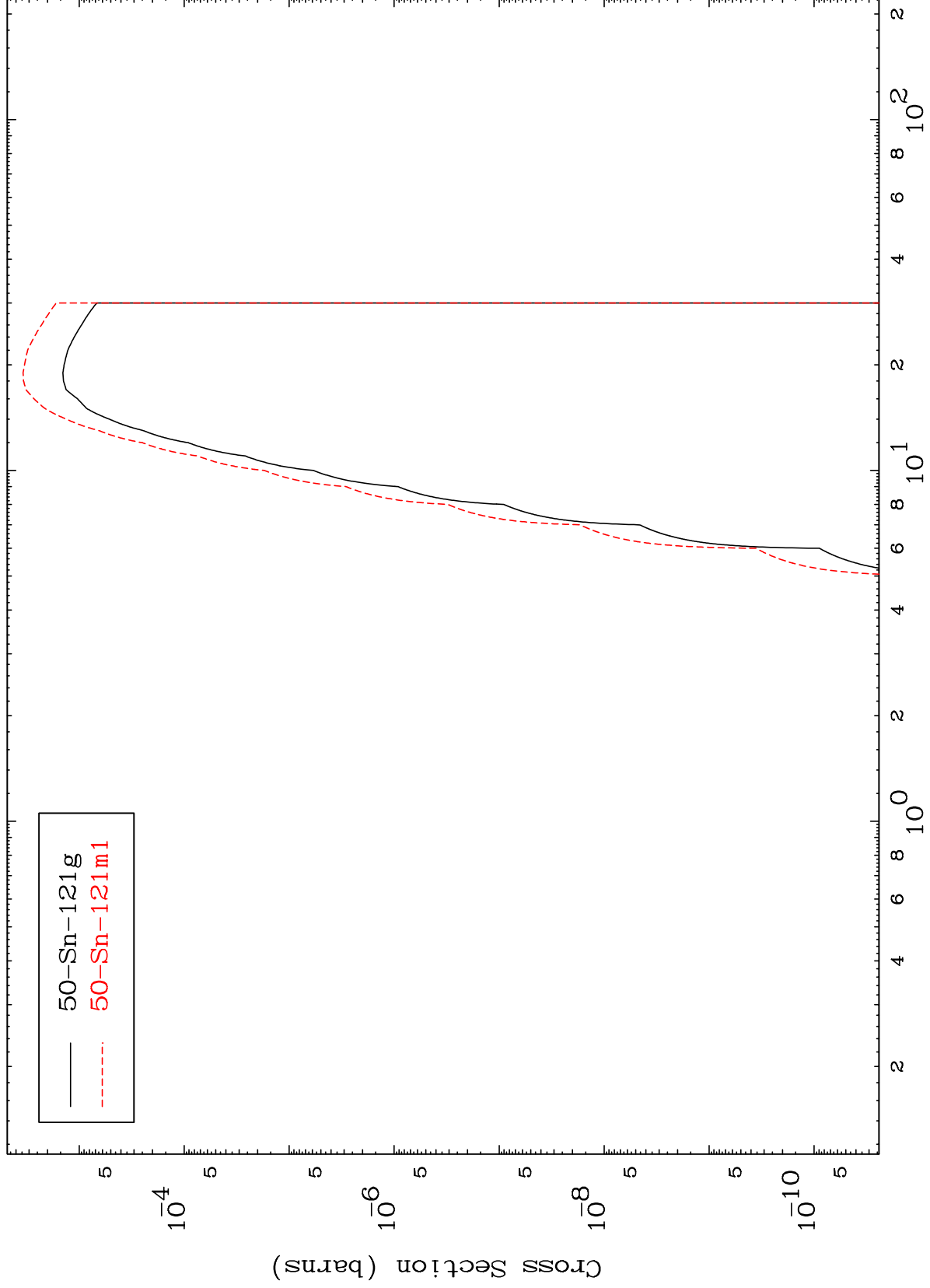


MAT 4946

(n,d)

49-In-120

Radionuclide Production Cross Section



24

Incident Energy (MeV)

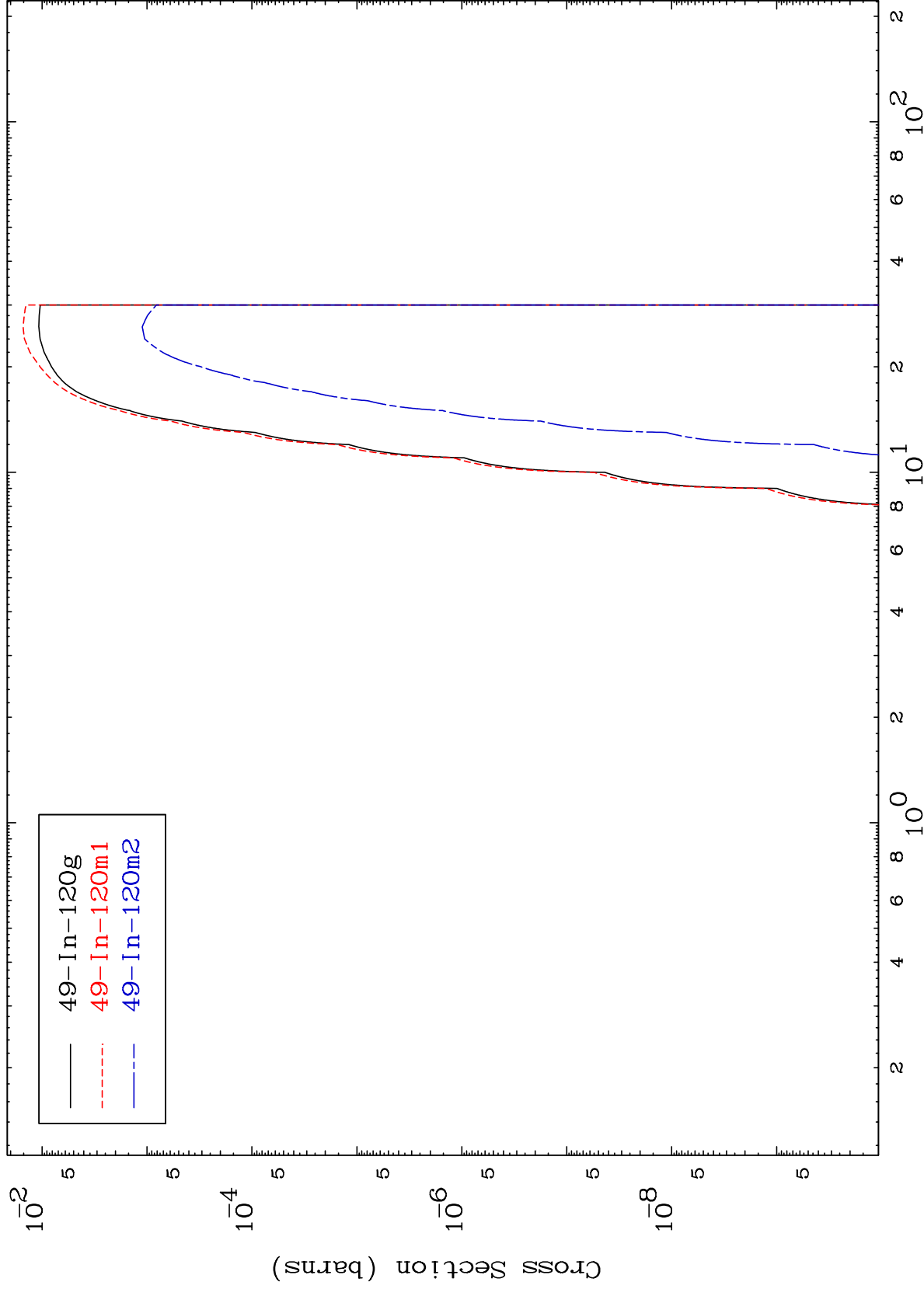
49-In-120

MAT 4946

(n,He-3)

49-In-120

Radionuclide Production Cross Section



25

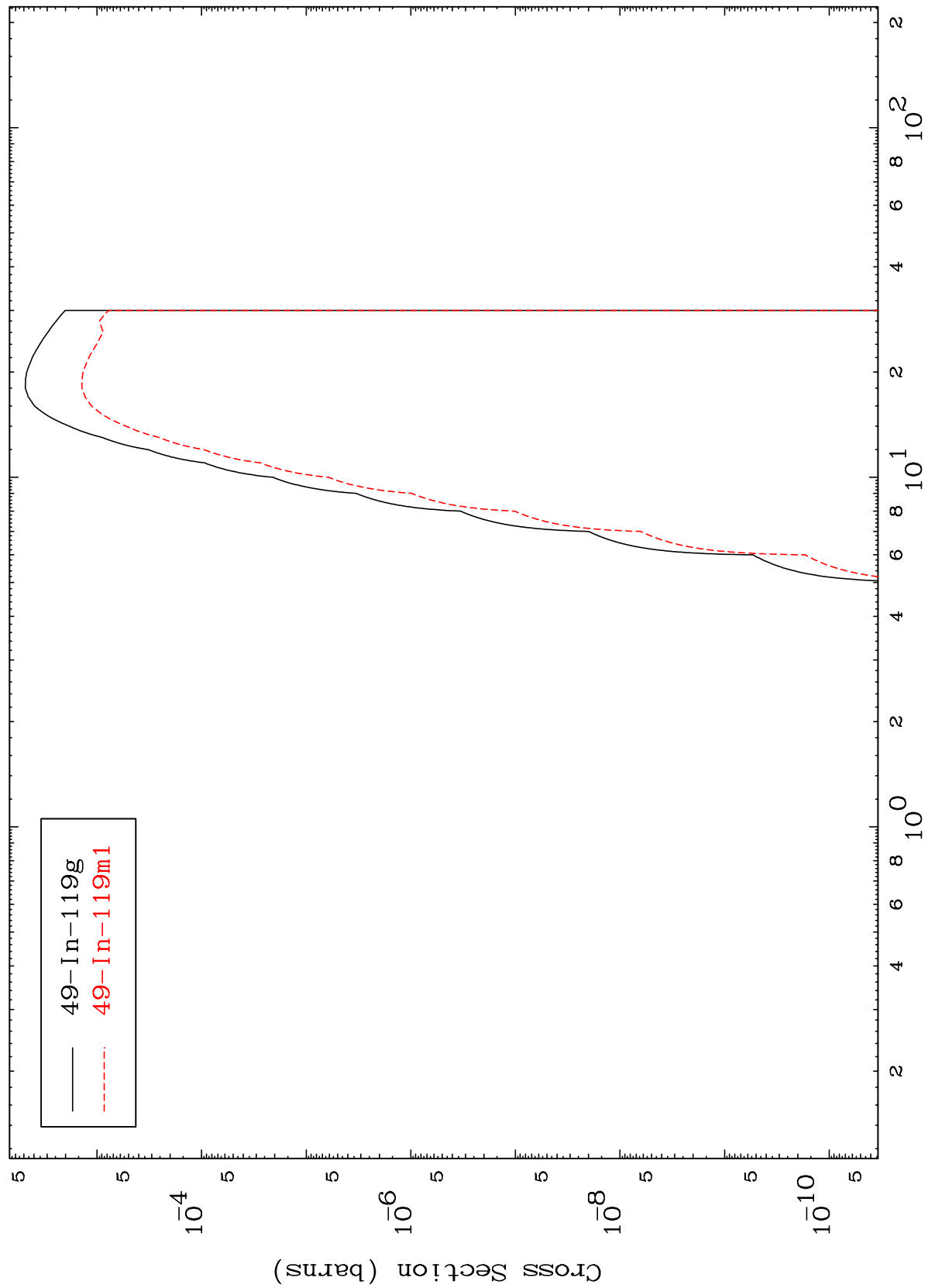
Incident Energy (MeV)

49-In-120

MAT 4946

49-In-120

Radionuclide Production Cross Section
(n, α)



49-In-120

Incident Energy (MeV)

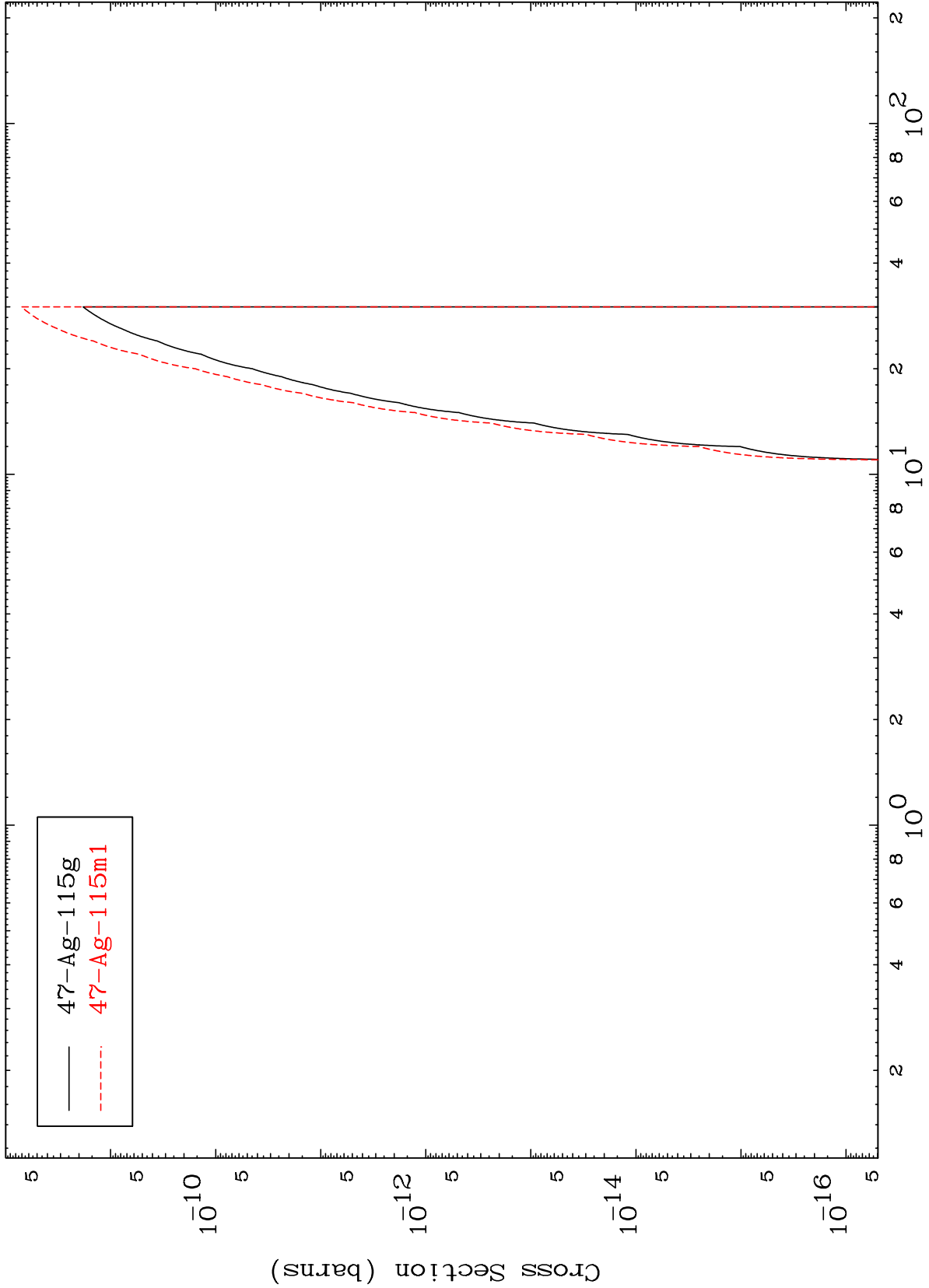
26

MAT 4946

(n,2α)

49-In-120

Radionuclide Production Cross Section



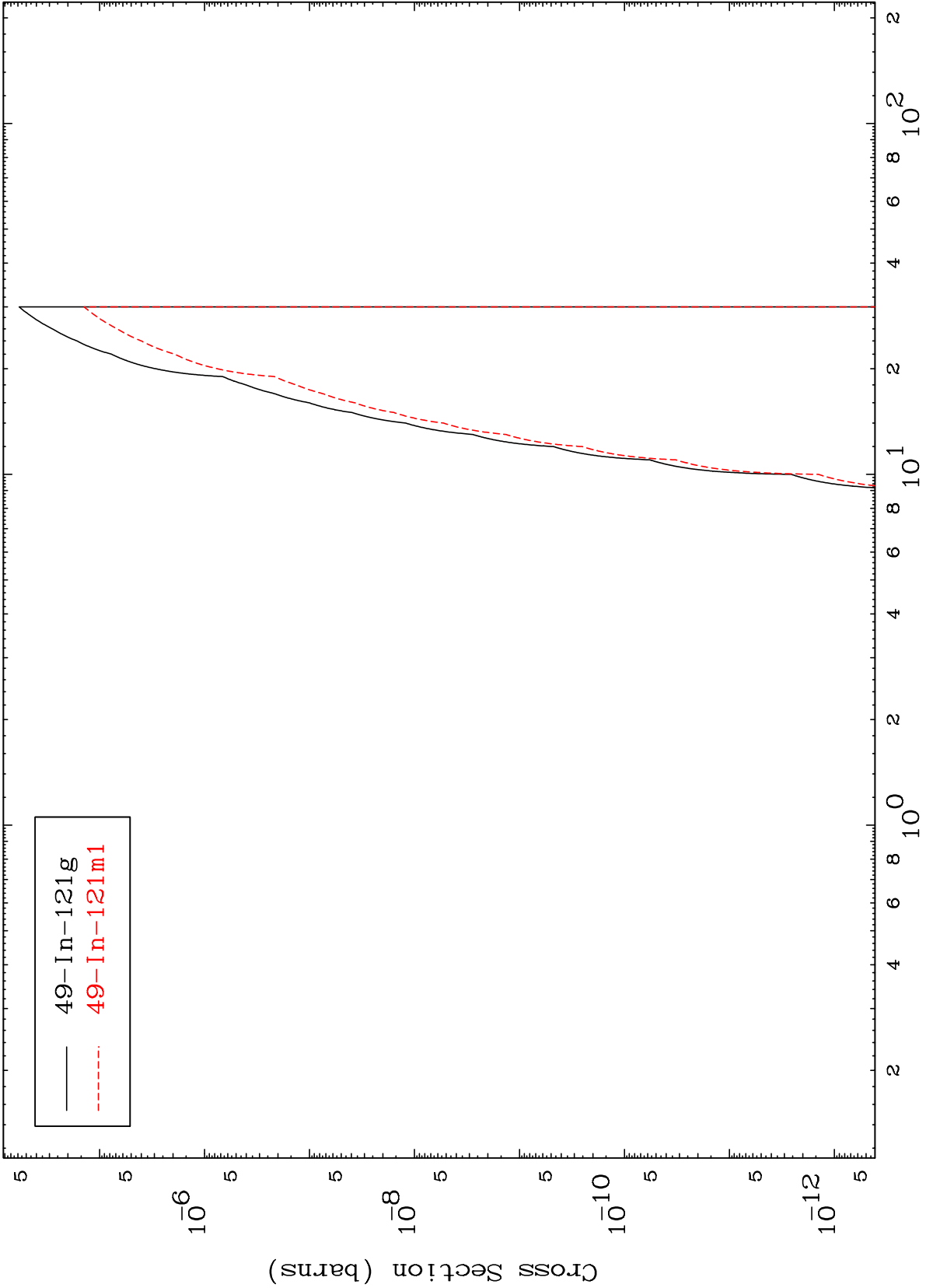
— 47-Ag-115g
- - - 47-Ag-115m1

MAT 4946

(n,2p)

49-In-120

Radionuclide Production Cross Section



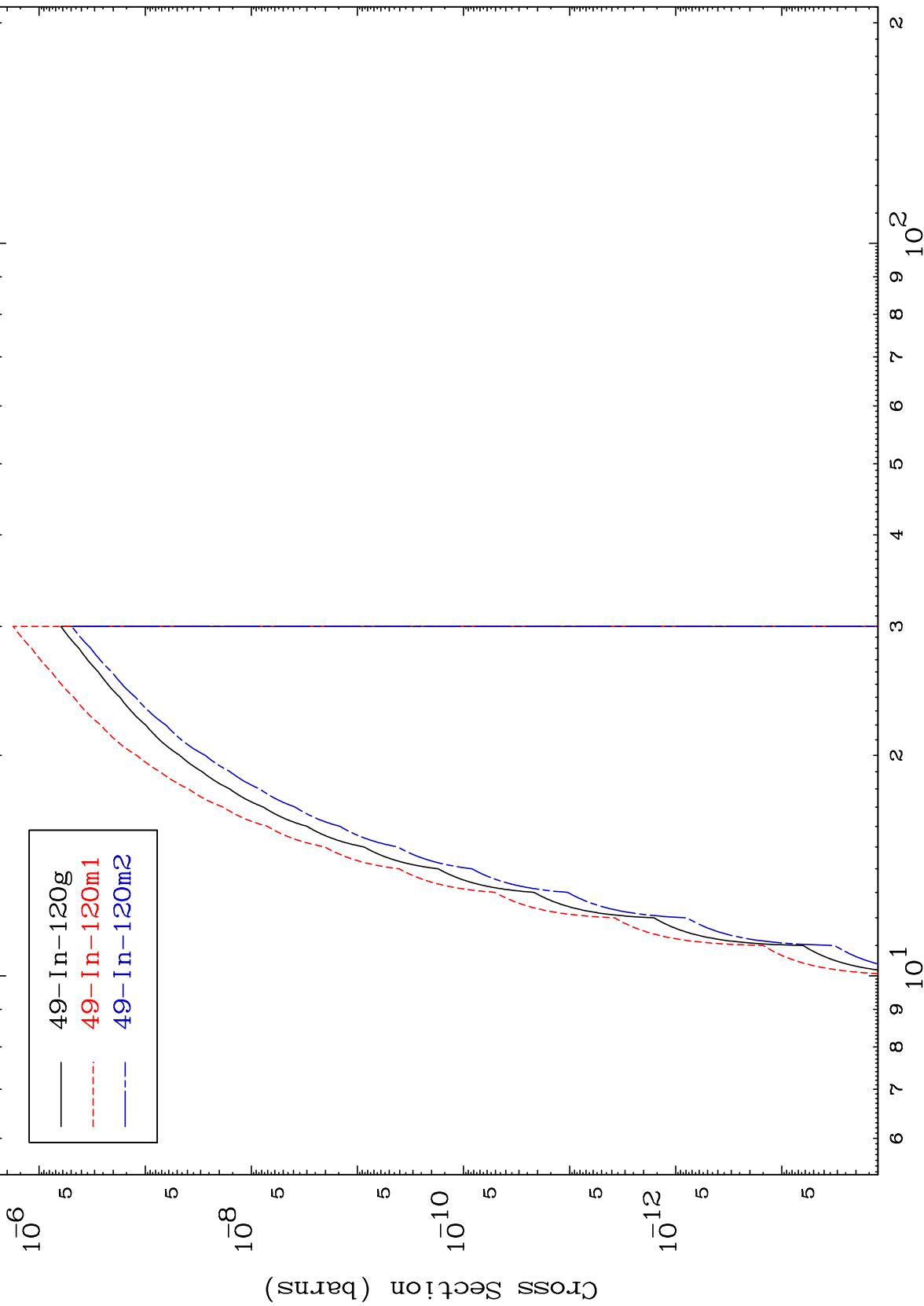
— 49-In-121g
- - - 49-In-121m1

MAT 4946

(n,p) d

49-In-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

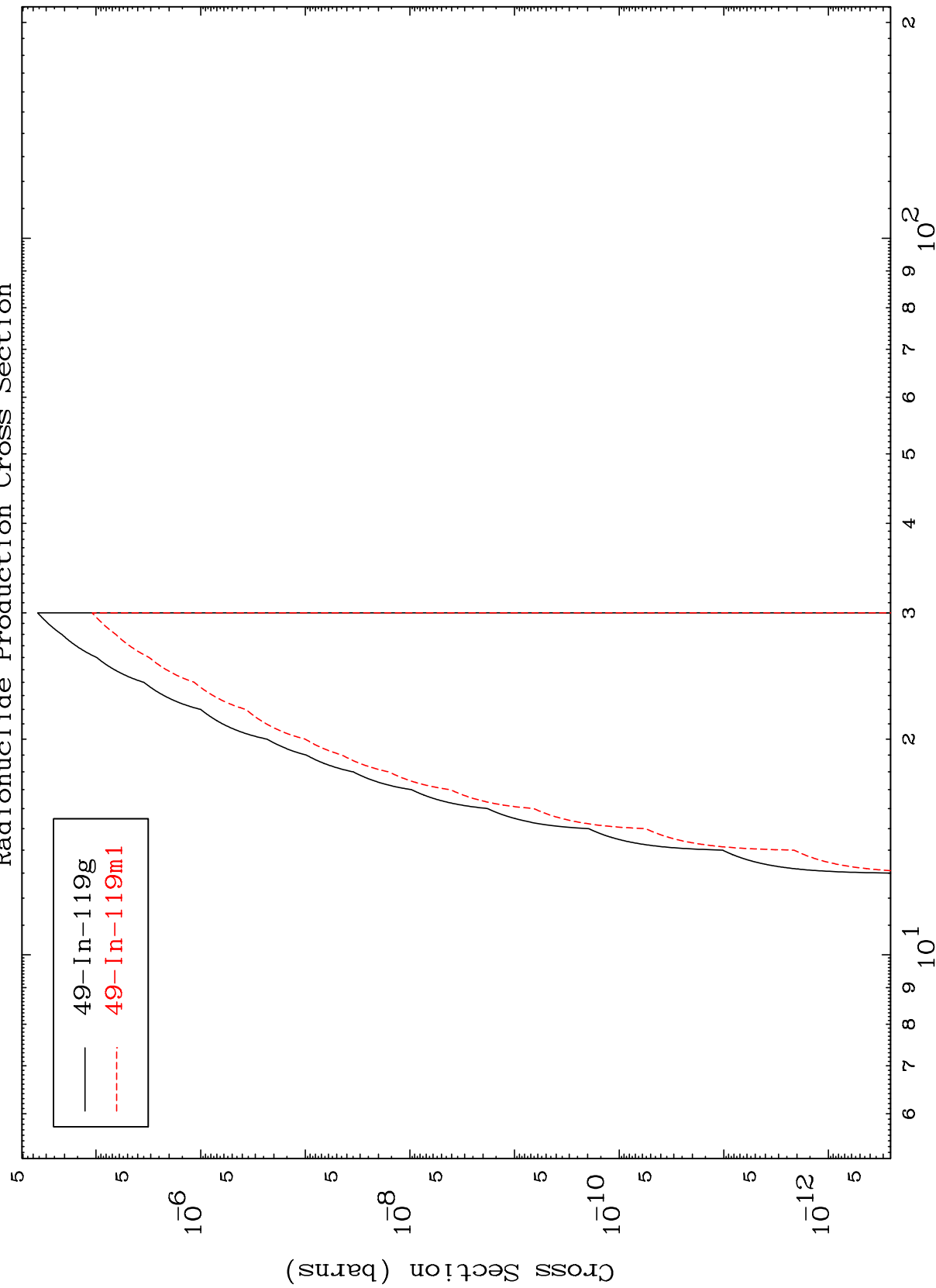
49-In-120

MAT 4946

(n,p) t

49-In-120

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-120

30

MAT 4946

(n,d) α

49-In-120

Radionuclide Production Cross Section

