

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

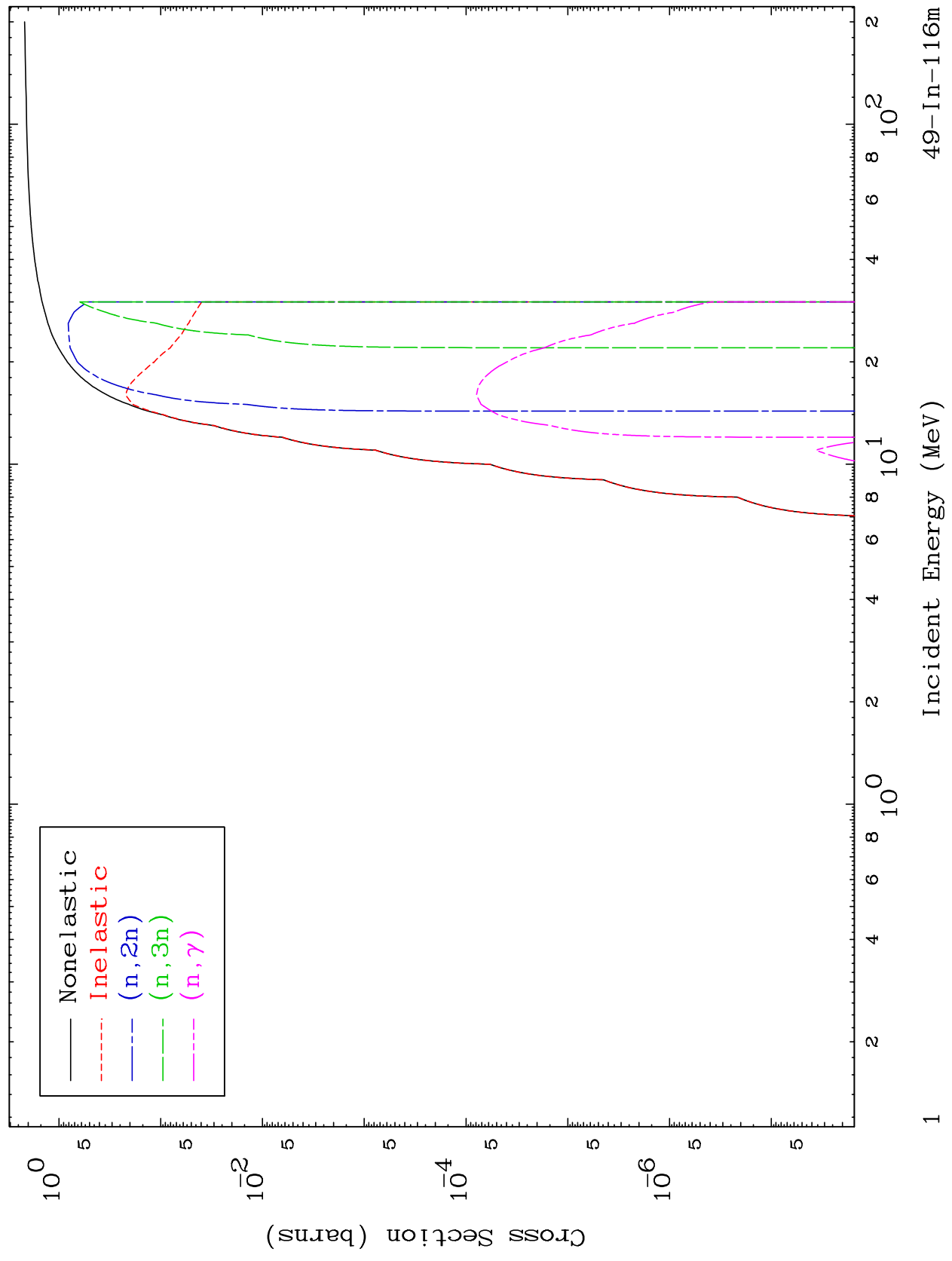
Press Mouse Button to Start

MAT 4935

0 Kelvin

α Major Cross Sections

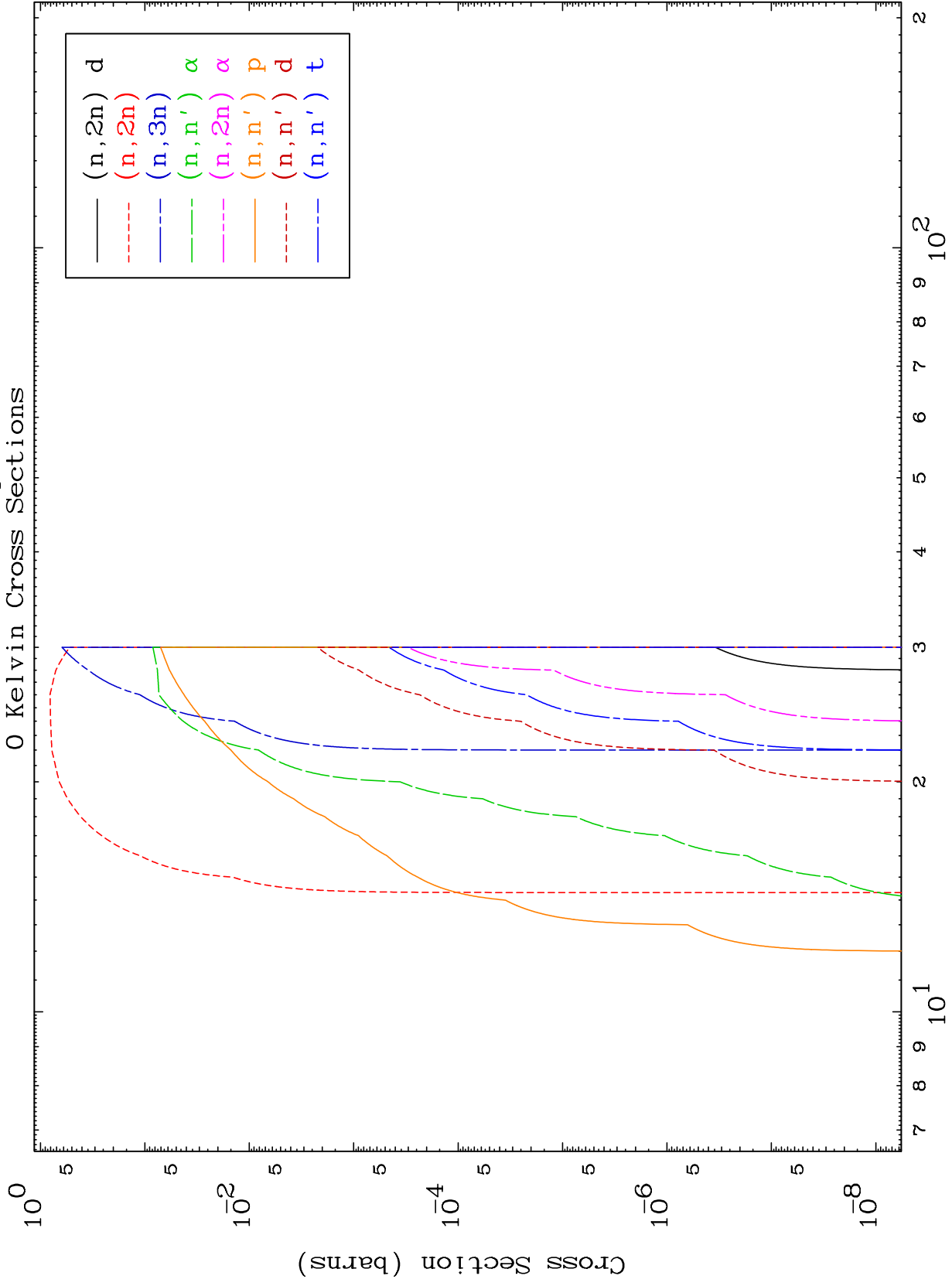
49-In-116m



MAT 4935

α Neutron Absorption
0 Kelvin Cross Sections

49-In-116m



2

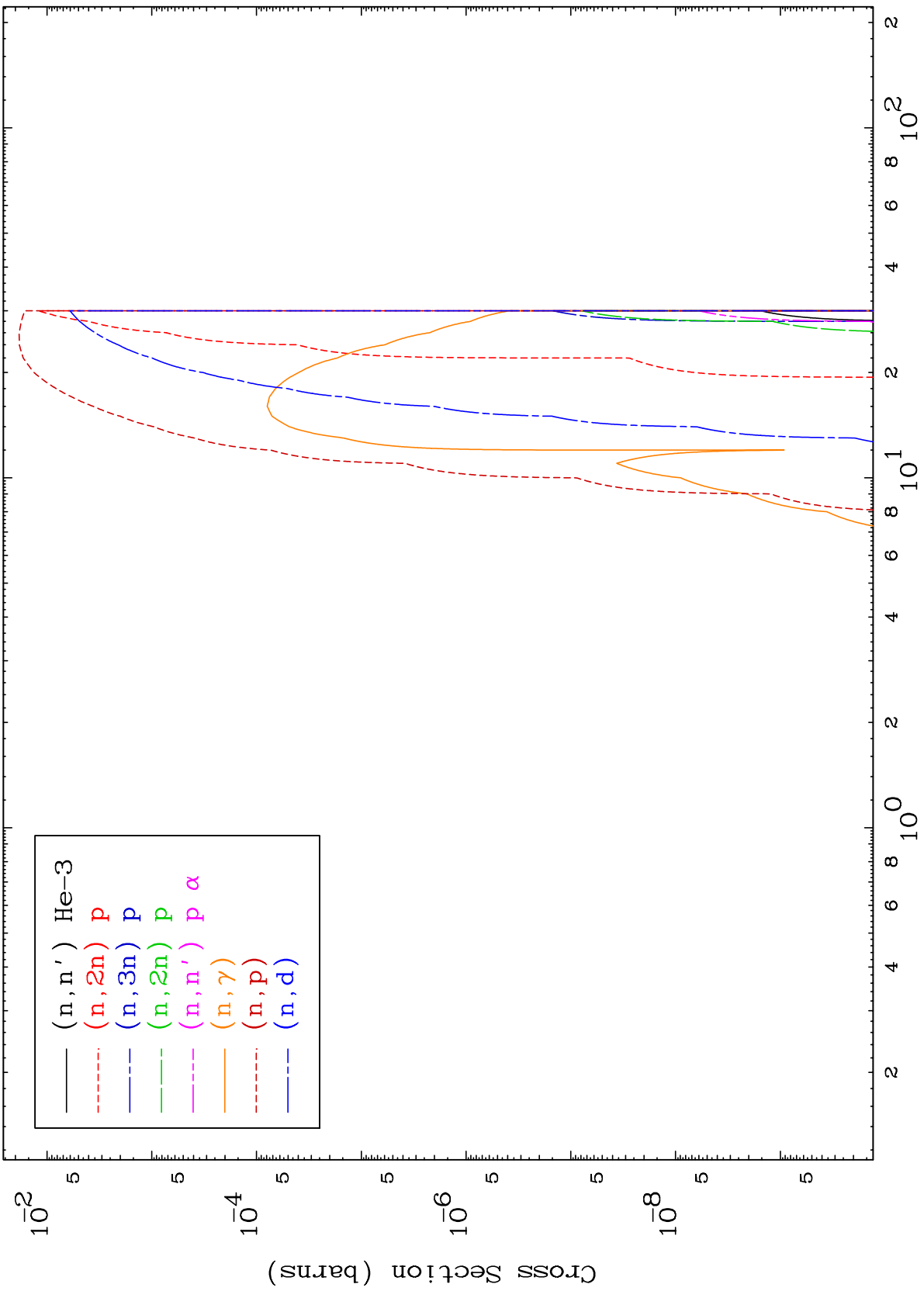
Incident Energy (MeV)

49-In-116m

MAT 4935

α Neutron Absorption
0 Kelvin Cross Sections

49-In-116m



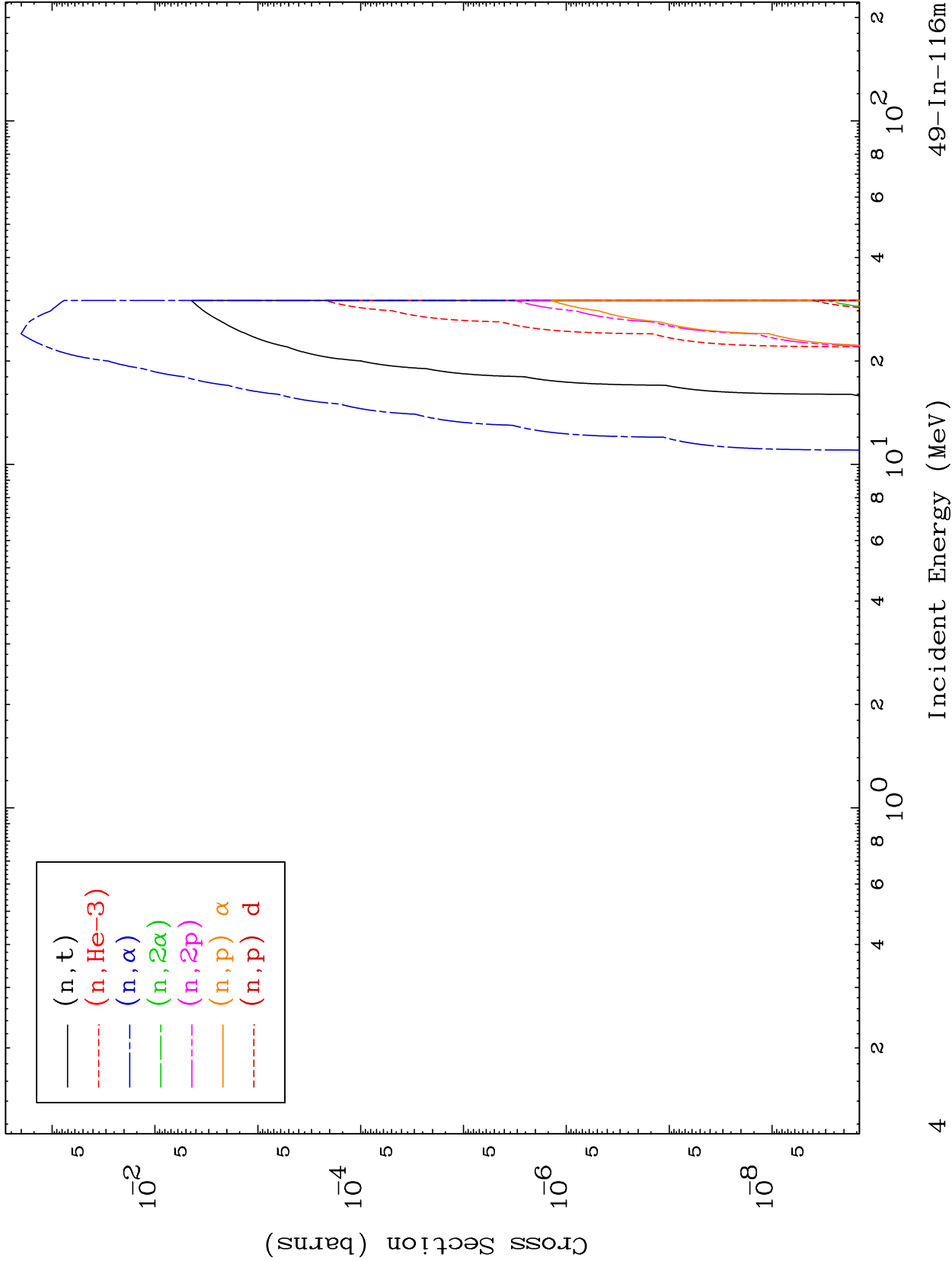
Incident Energy (MeV)

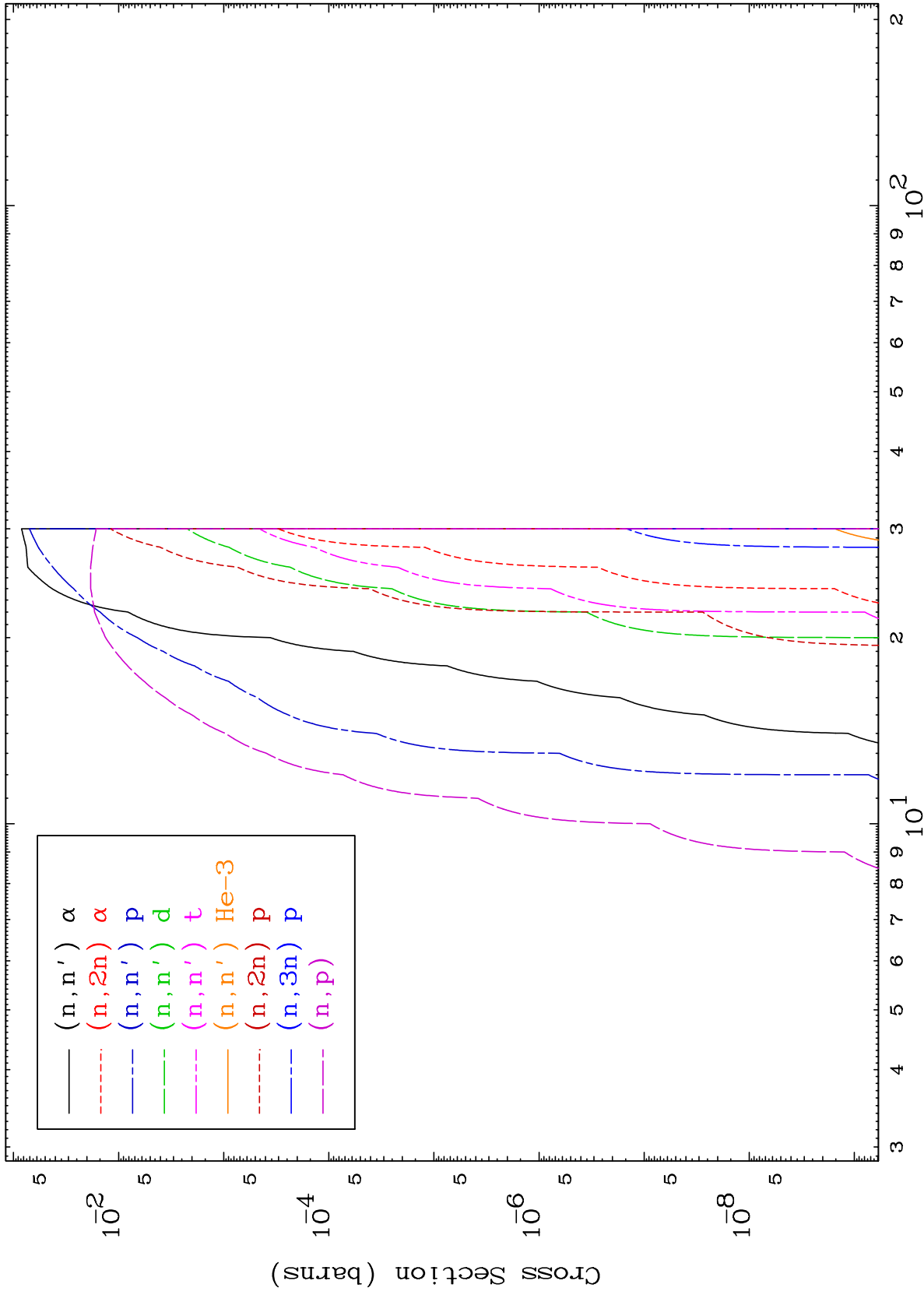
49-In-116m

MAT 4935

α Neutron Absorption
0 Kelvin Cross Sections

49-In-116m

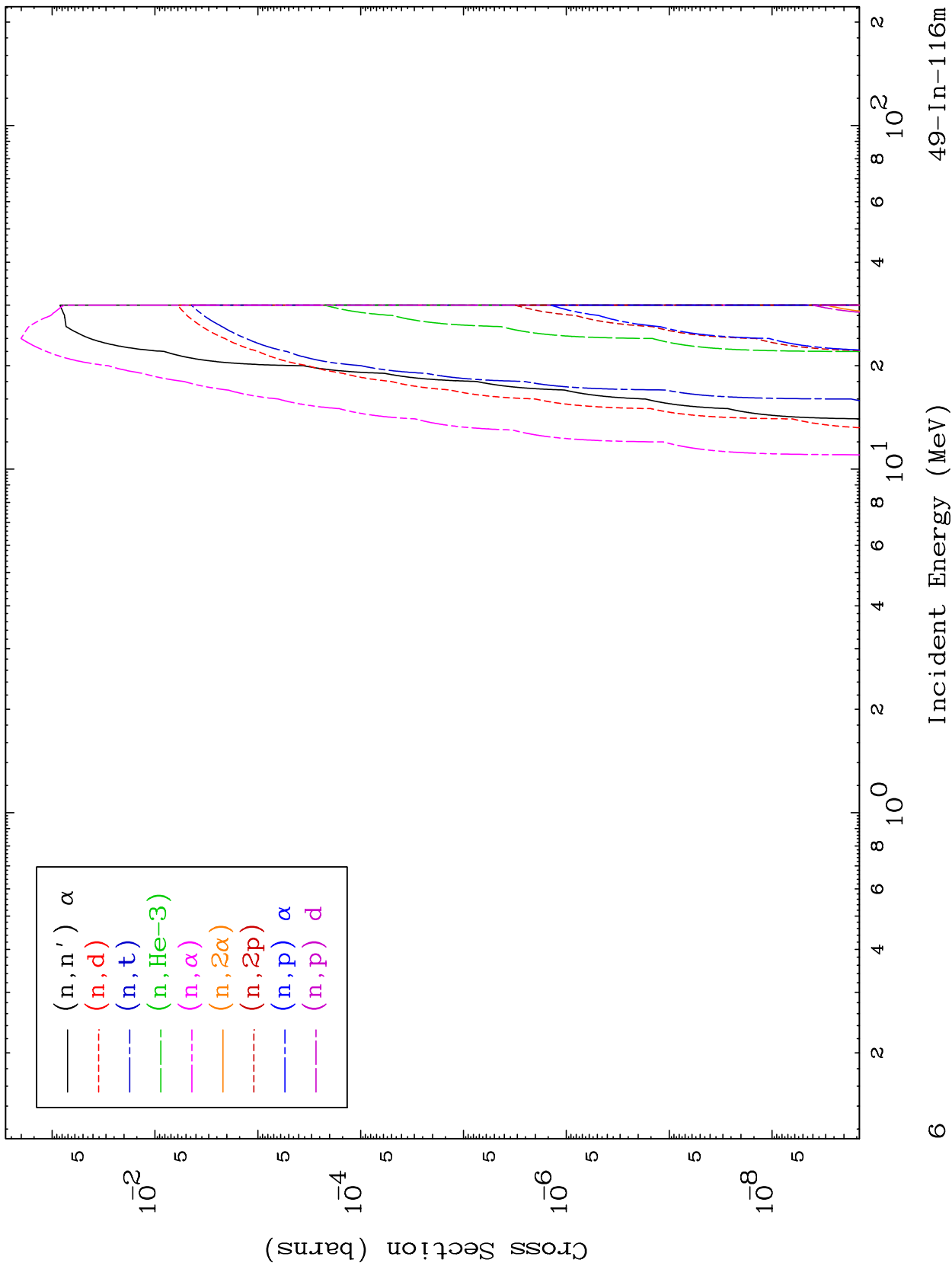




MAT 4935

α Charged Particle
0 Kelvin Cross Sections

49-In-116m

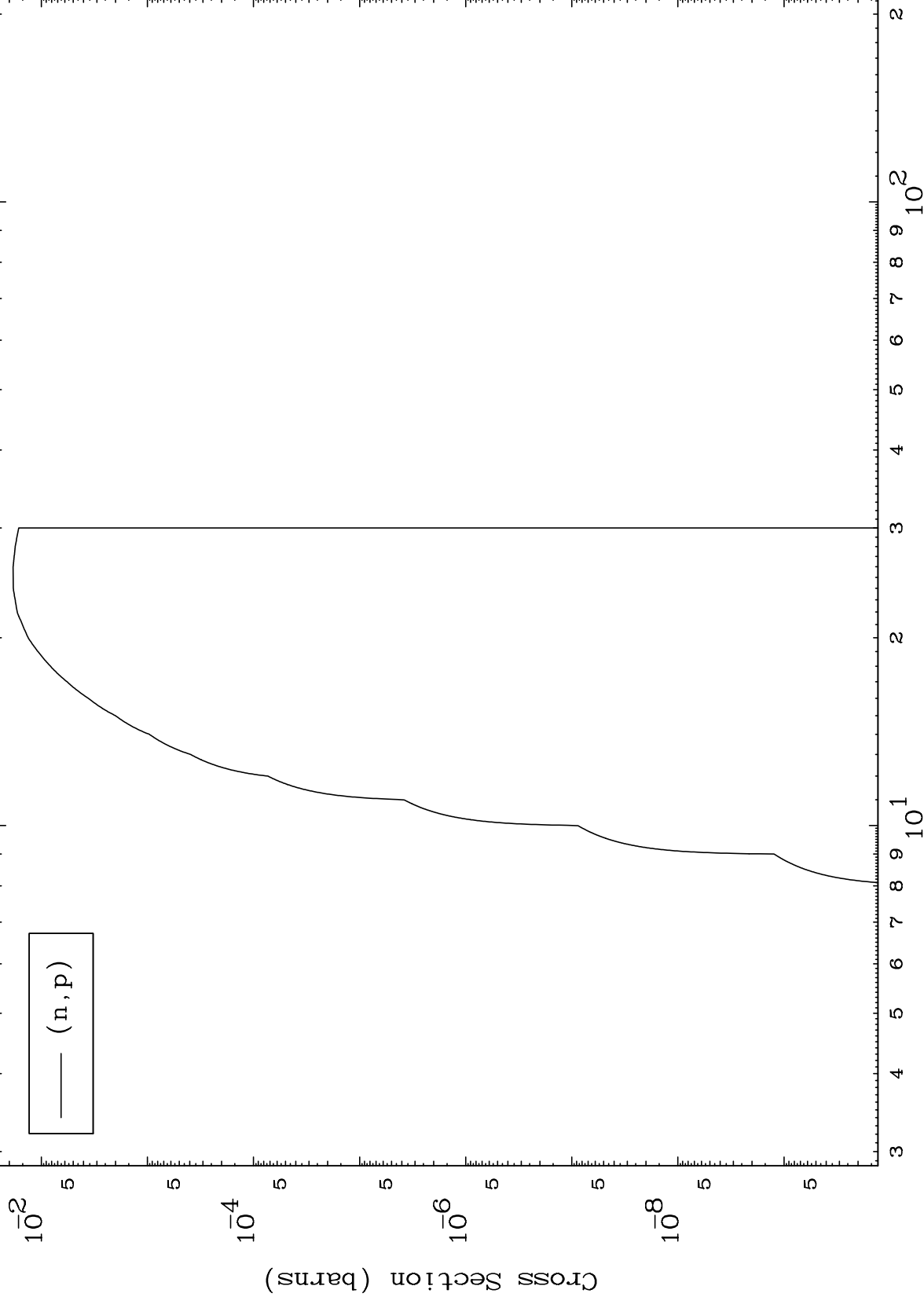


MAT 4935

(α, p) Levels

49-In-116m

0 Kelvin Cross Sections



7

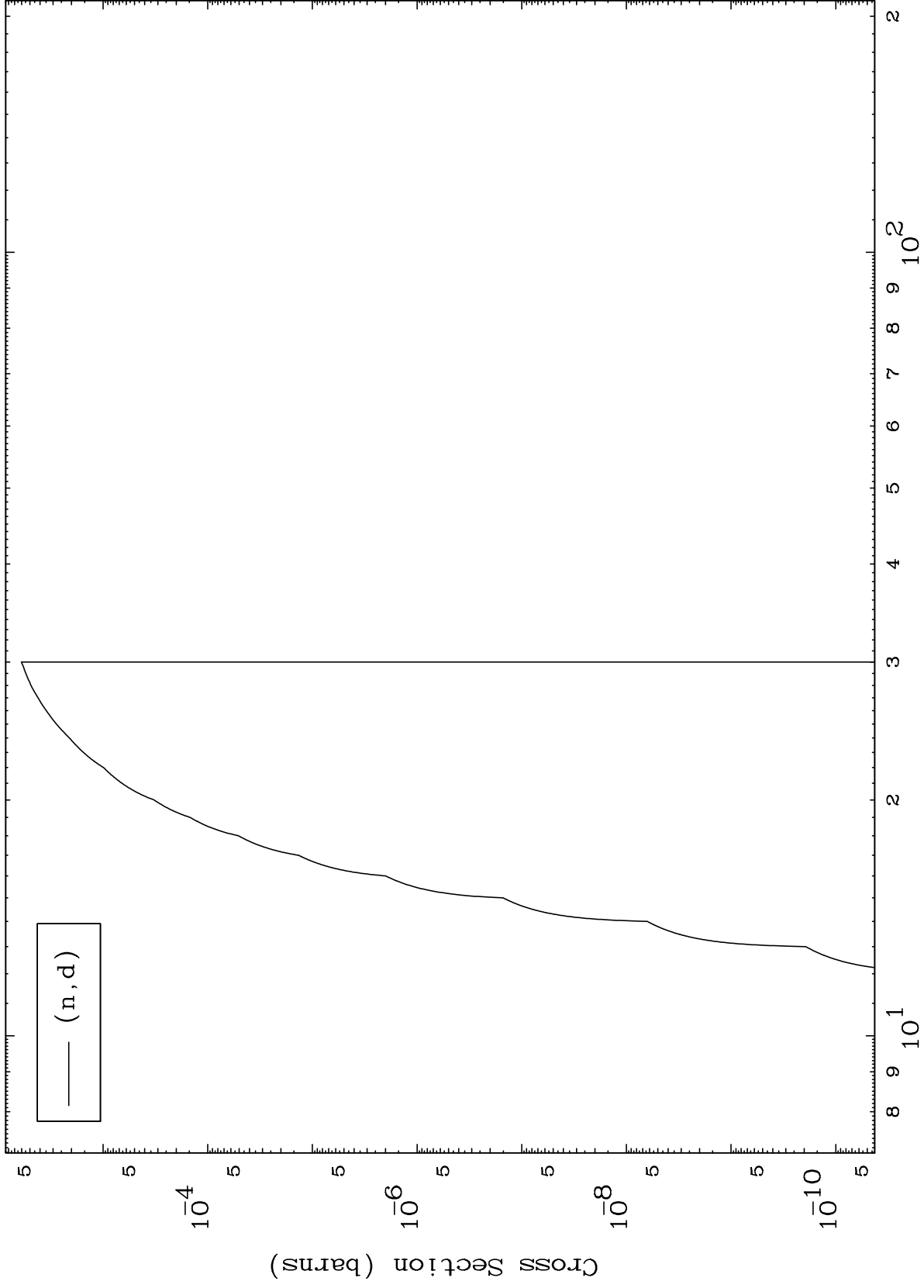
Incident Energy (MeV)

49-In-116m

MAT 4935

(α, d) Levels
0 Kelvin Cross Sections

49-In-116m



8

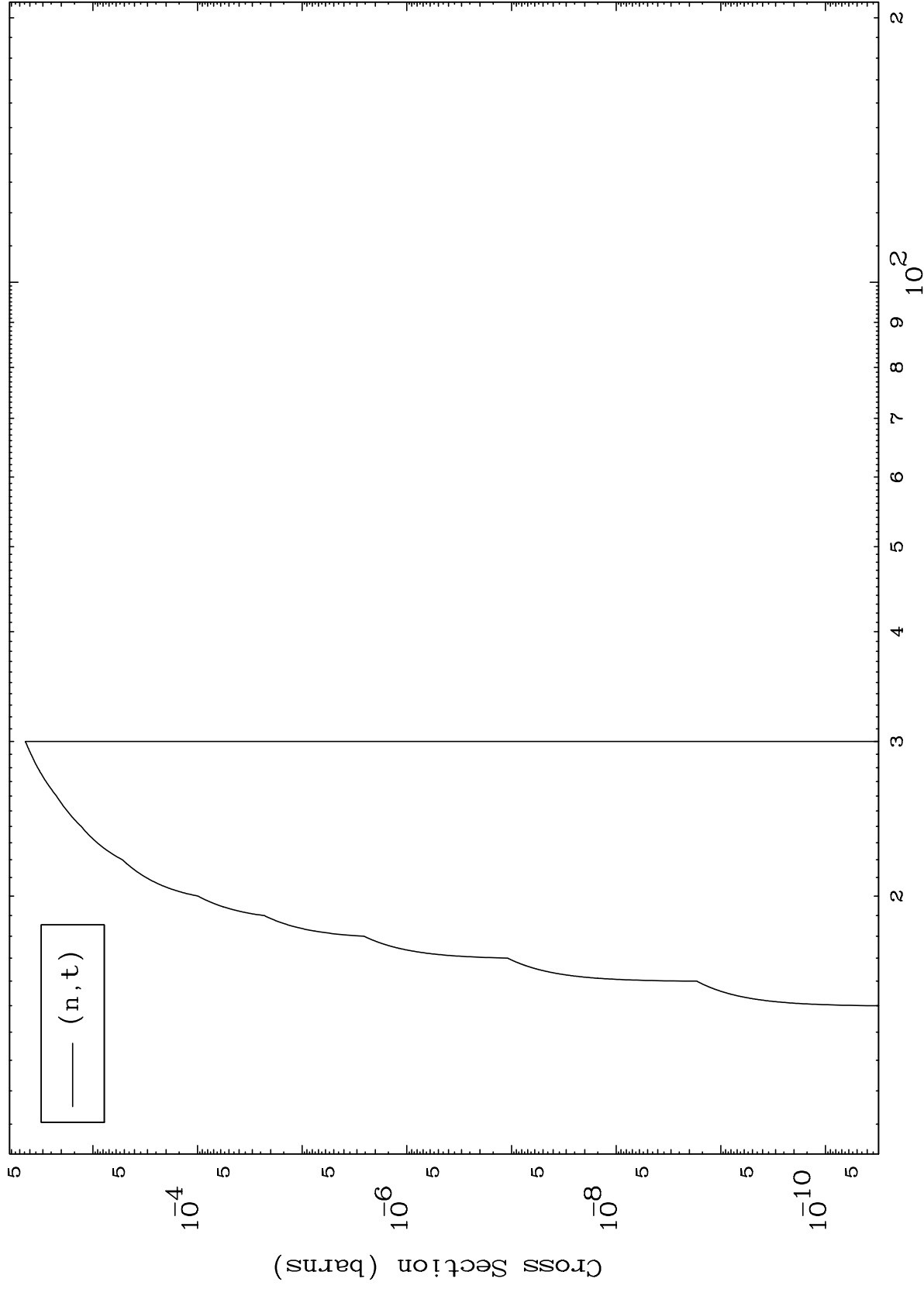
Incident Energy (MeV)

49-In-116m

MAT 4935

(α, t) Levels
0 Kelvin Cross Sections

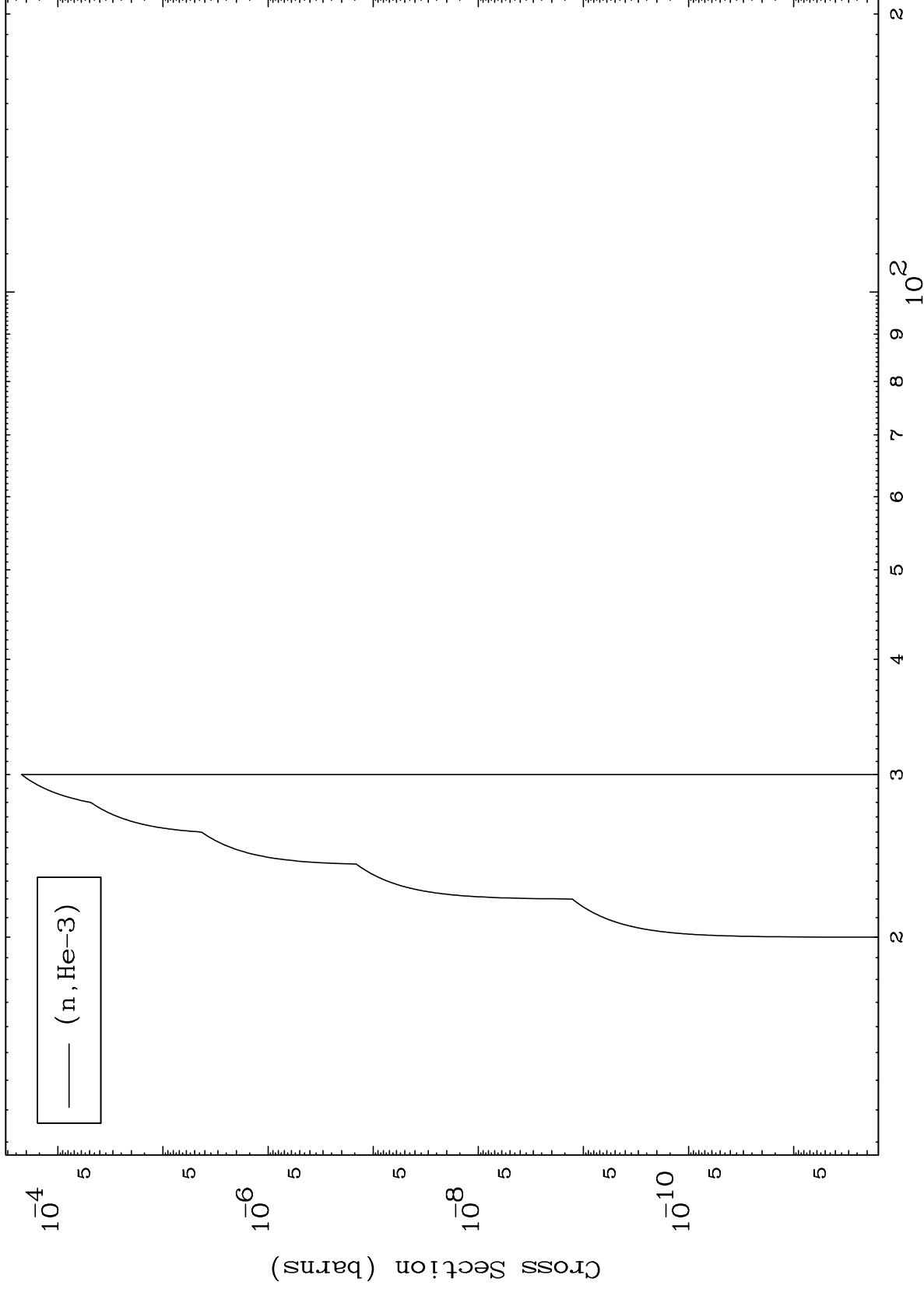
49-In-116m



MAT 4935

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

49-In-116m



10

Incident Energy (MeV)

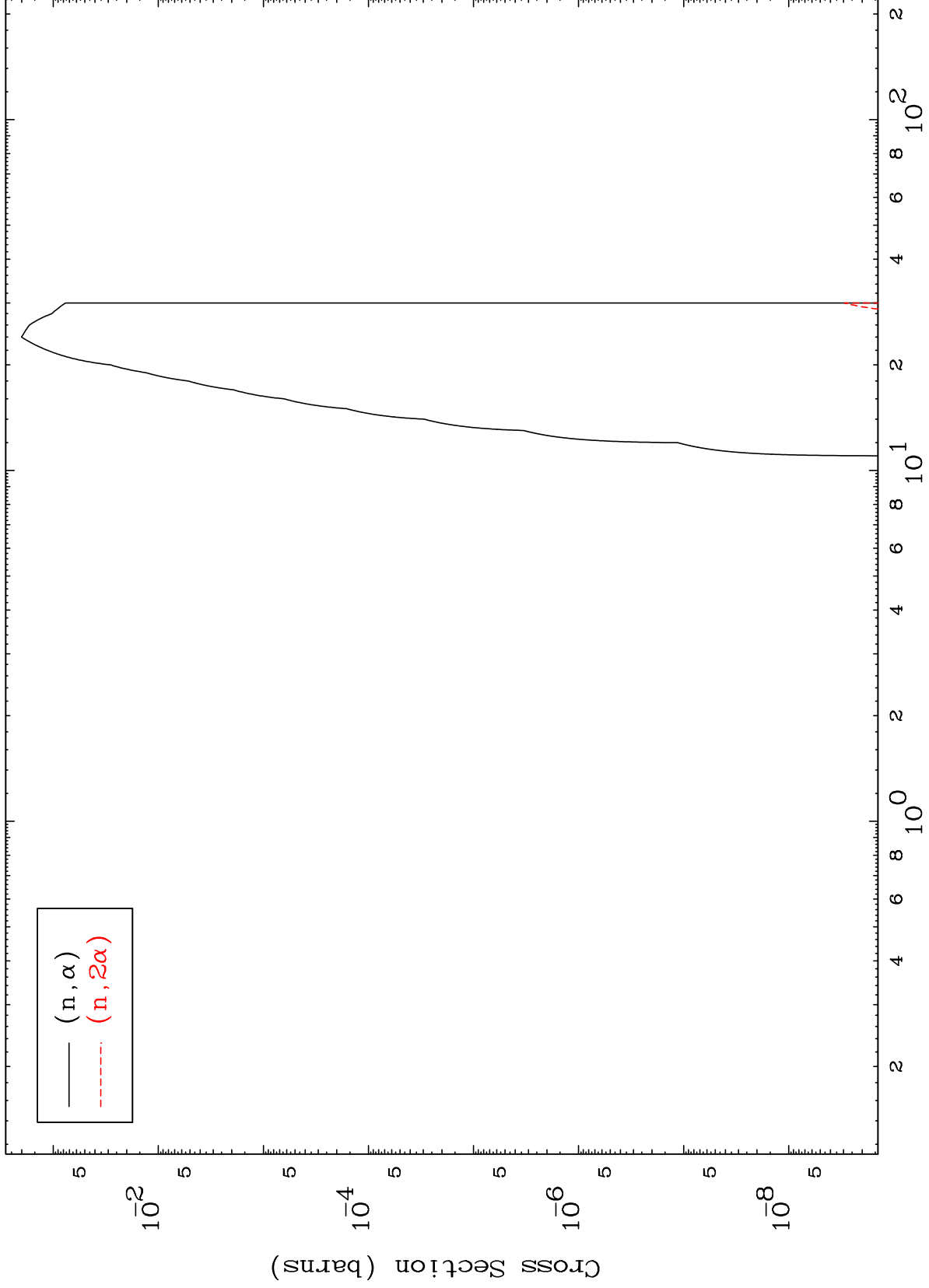
49-In-116m

MAT 4935

(α, α) Levels

49-In-116m

0 Kelvin Cross Sections

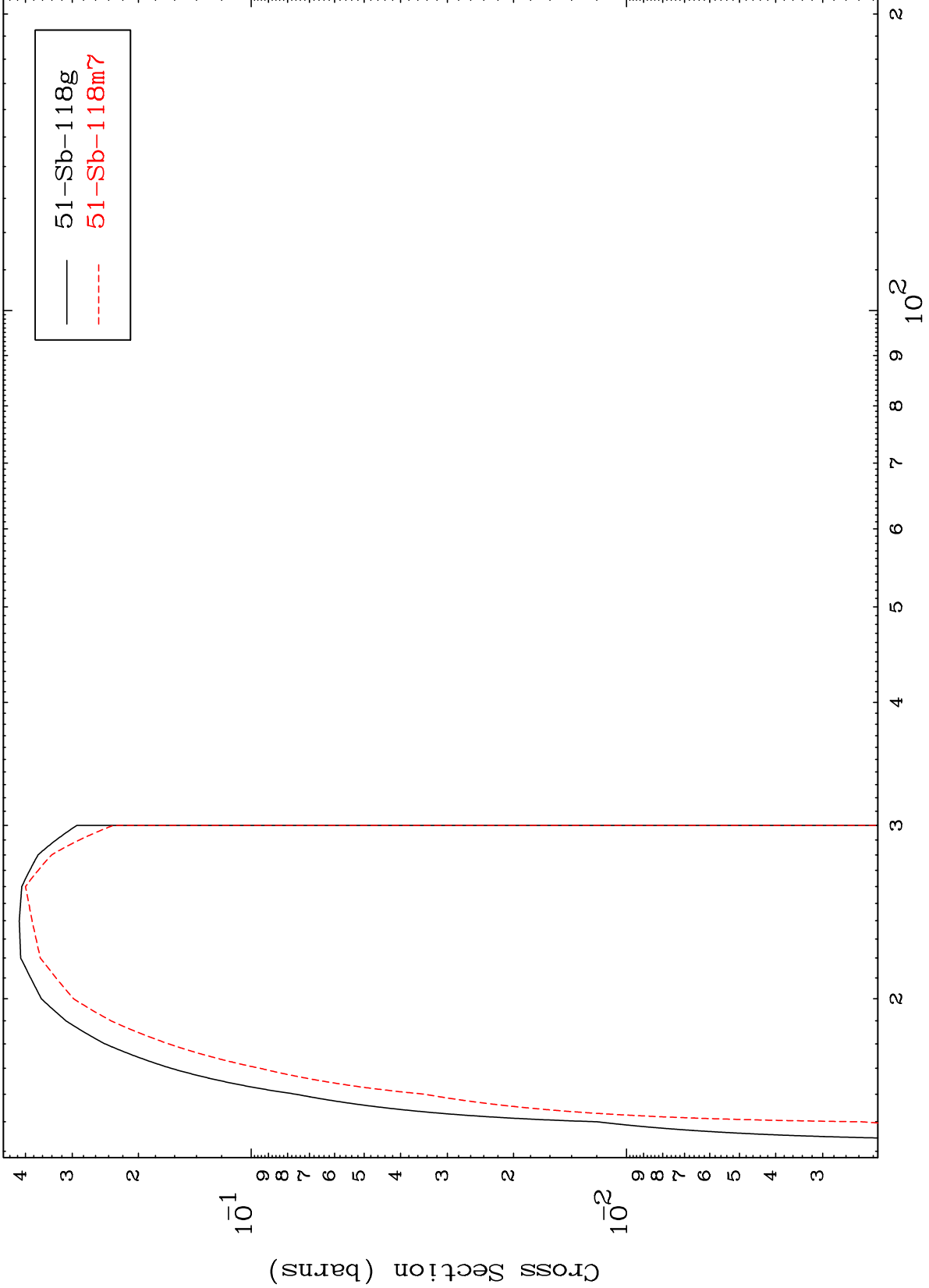


MAT 4935

(n,2n)

49-In-116m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

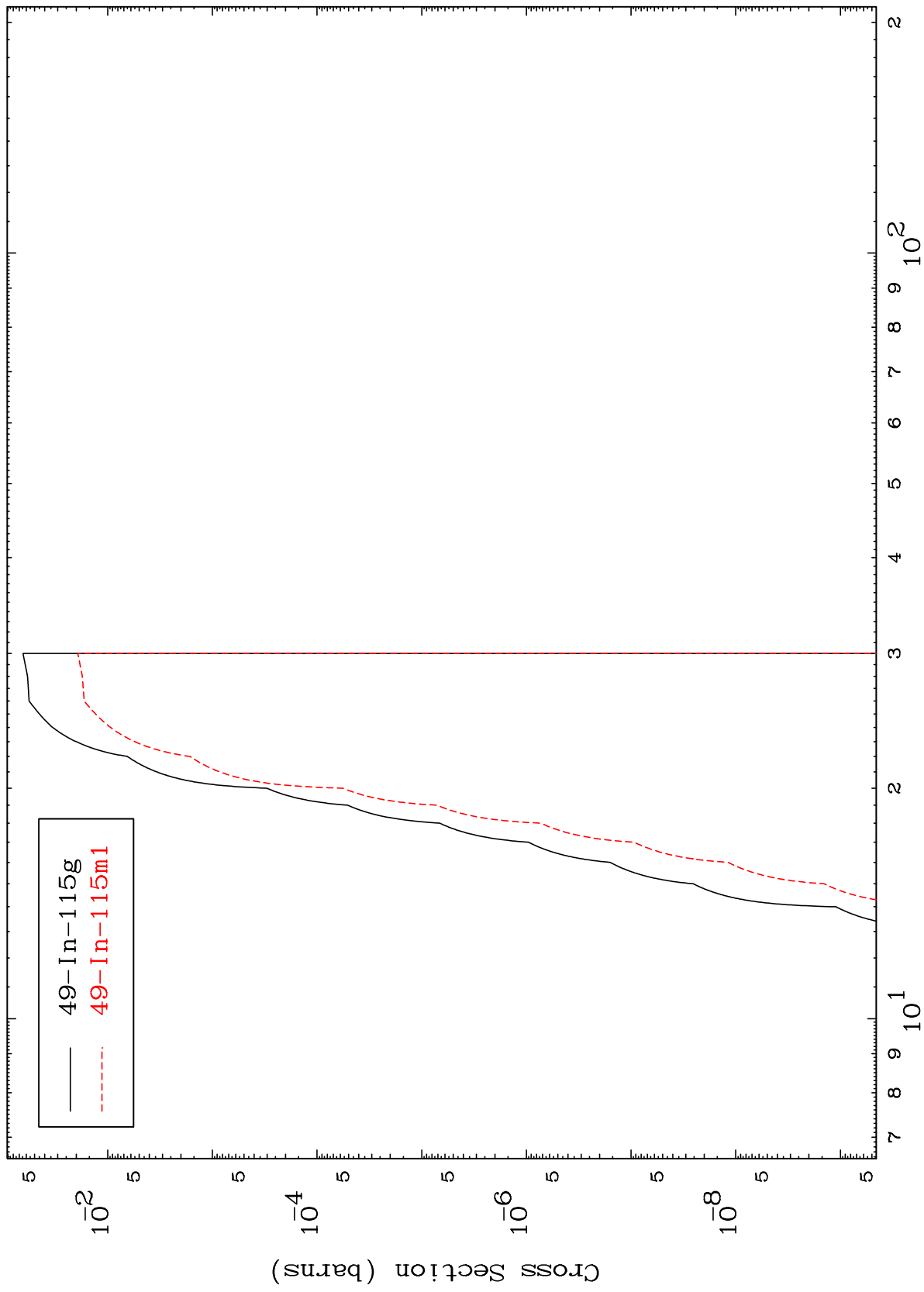
49-In-116m

MAT 4935

(n,n') α

49-In-116m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

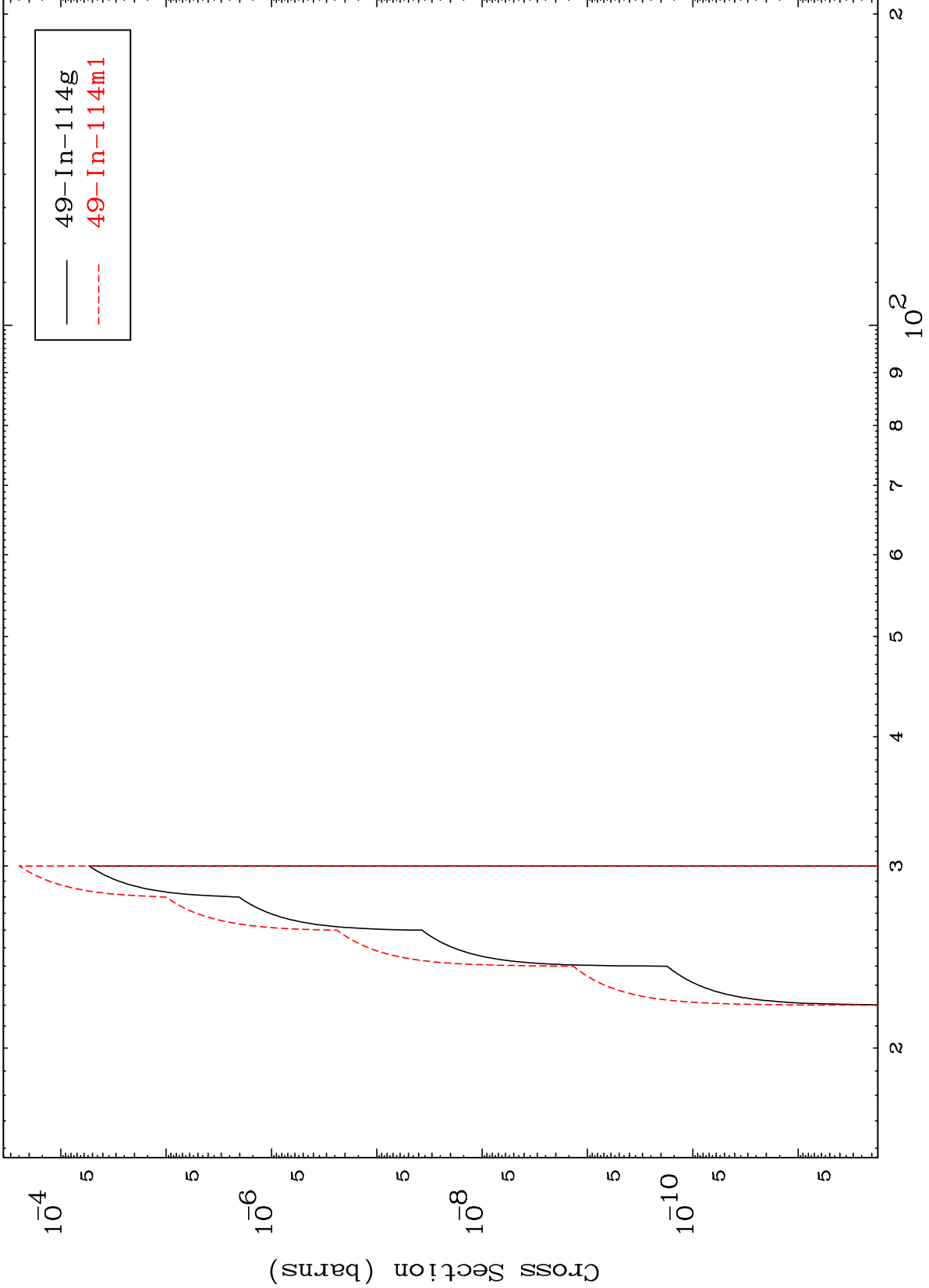
49-In-116m

MAT 4935

(n,2n) α

49-In-116m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

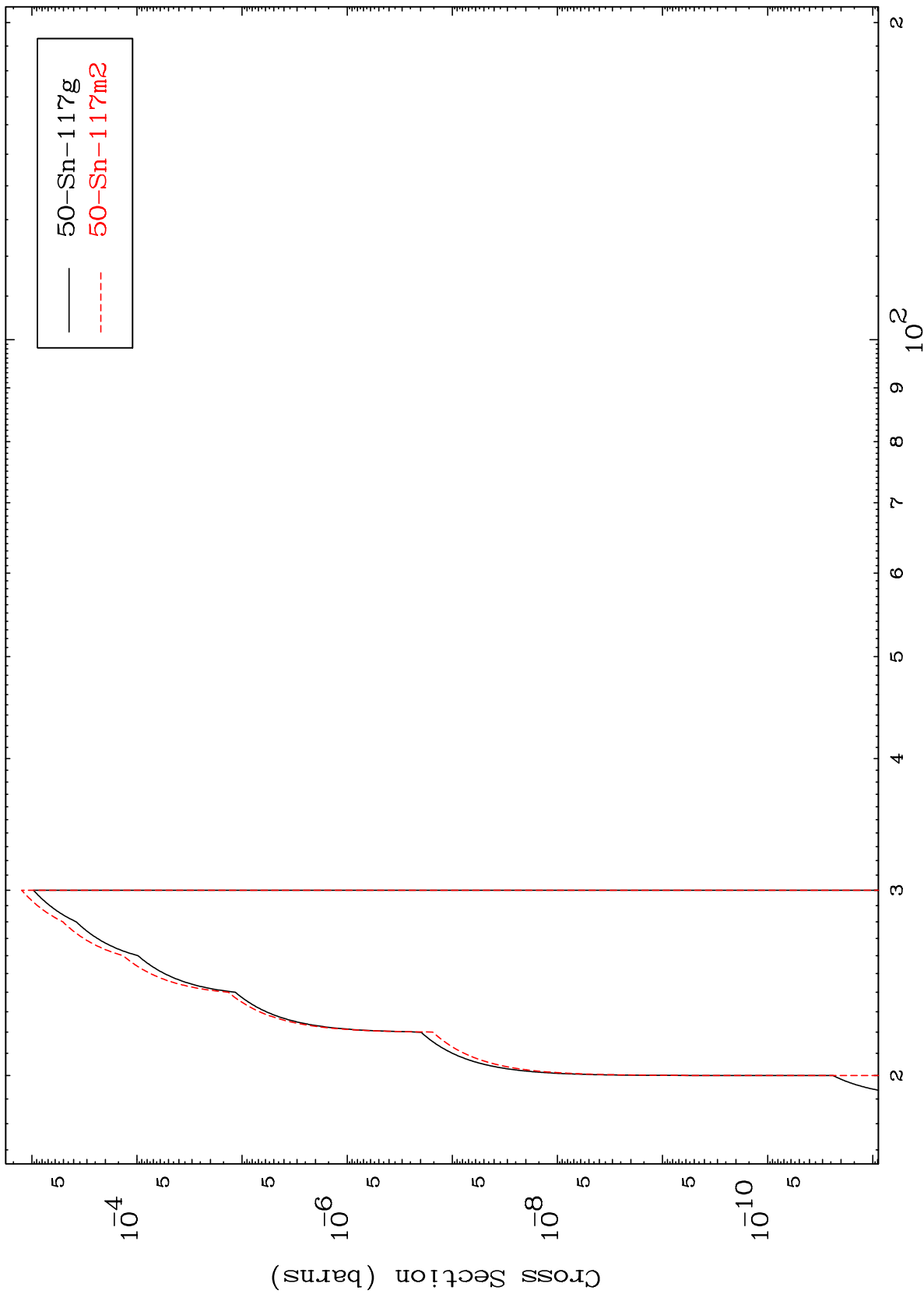
49-In-116m

MAT 4935

(n,n') d

49-In-116m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

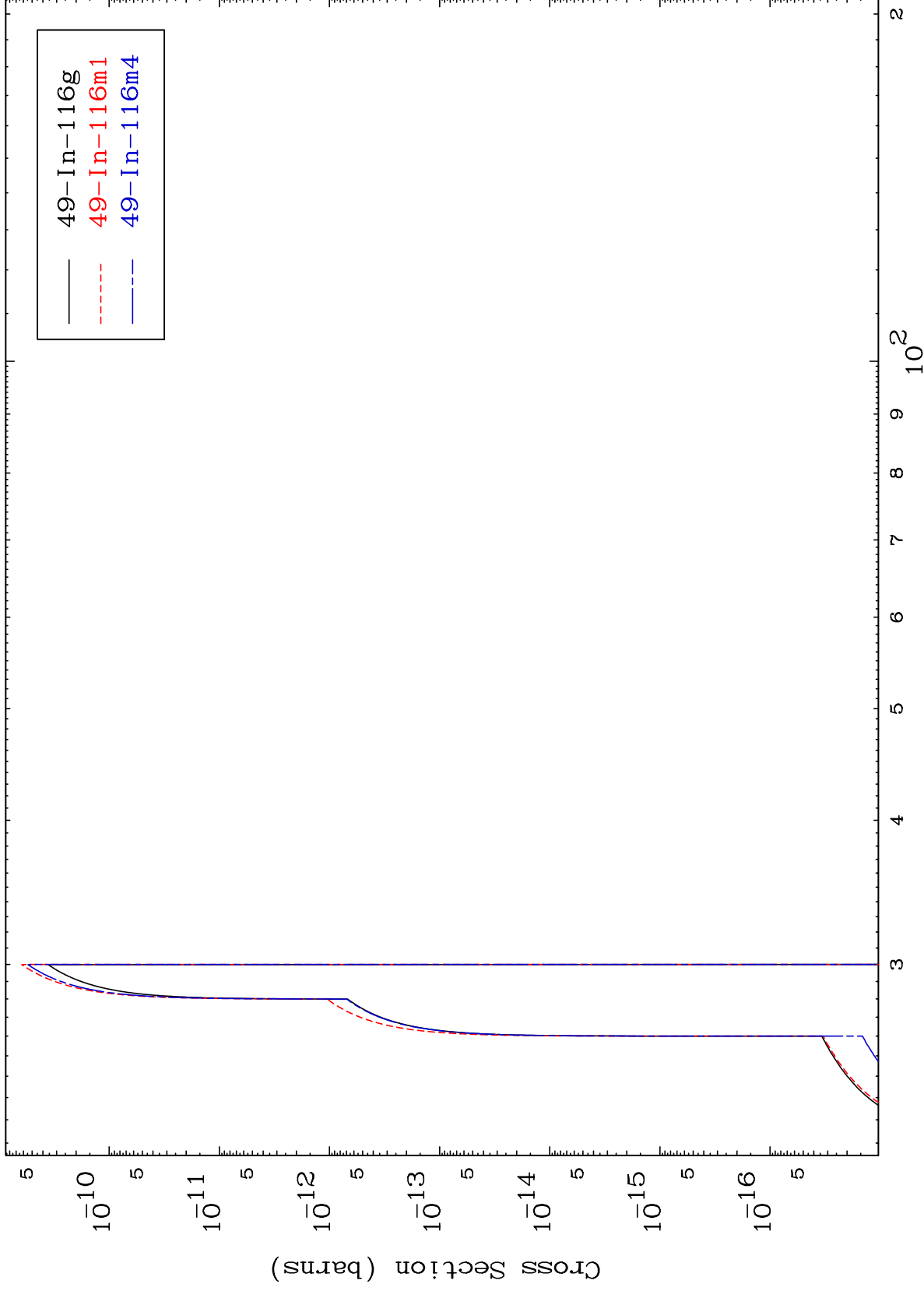
49-In-116m

MAT 4935

(n,n') He-3

49-In-116m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

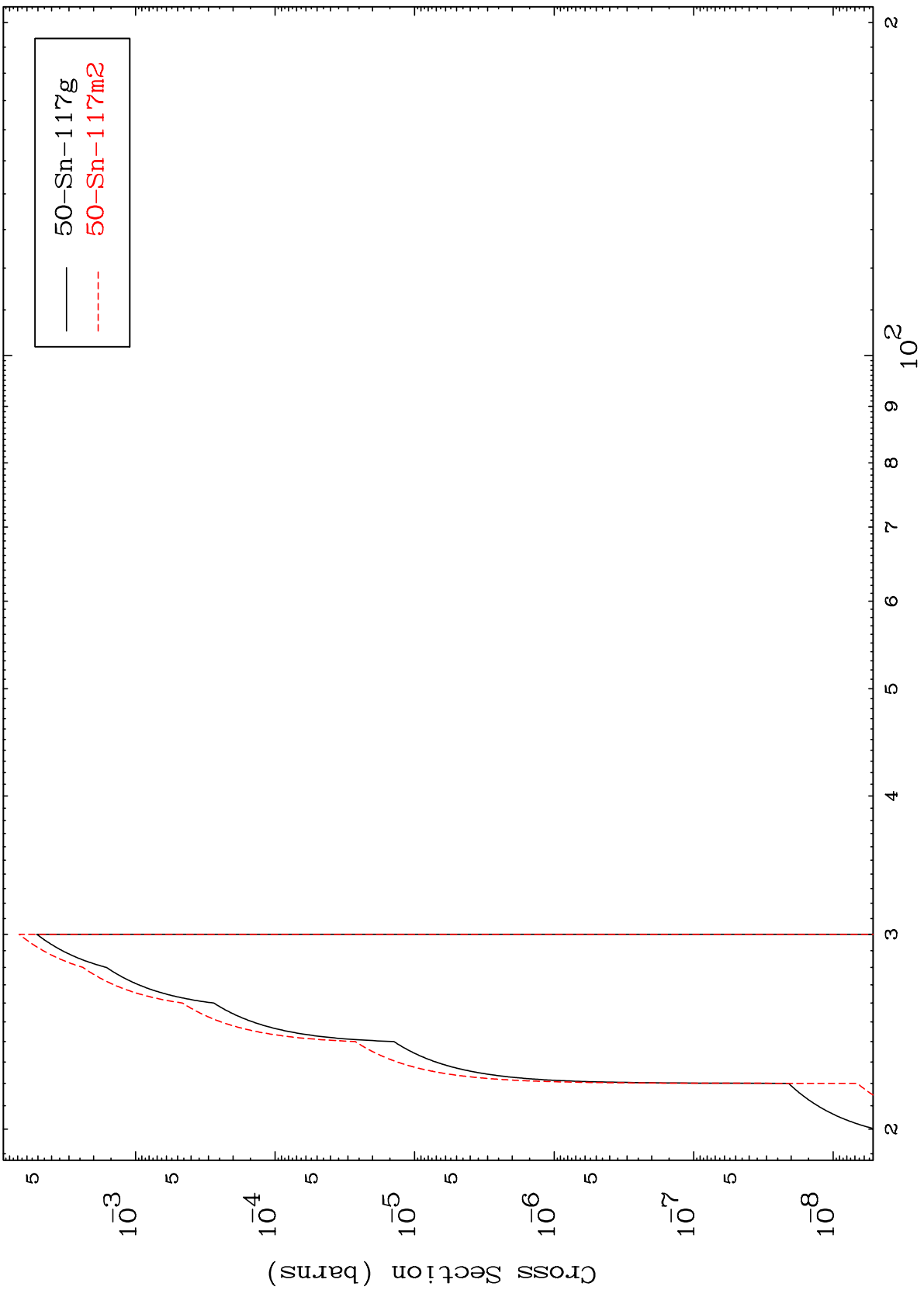
49-In-116m

MAT 4935

(n,2n) p

49-In-116m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

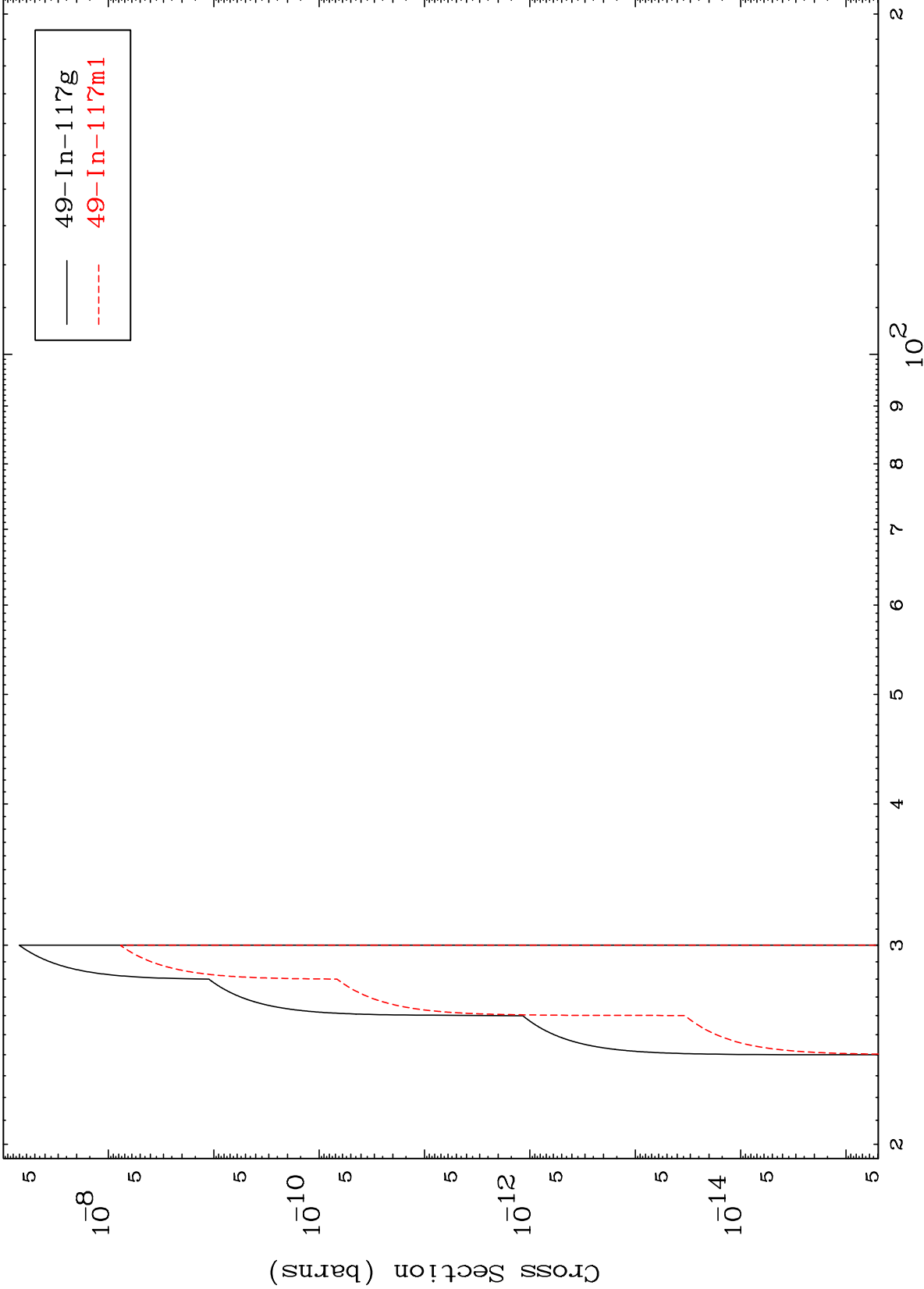
49-In-116m

MAT 4935

(n,2n) p

49-In-116m

Radionuclide Production Cross Section



18

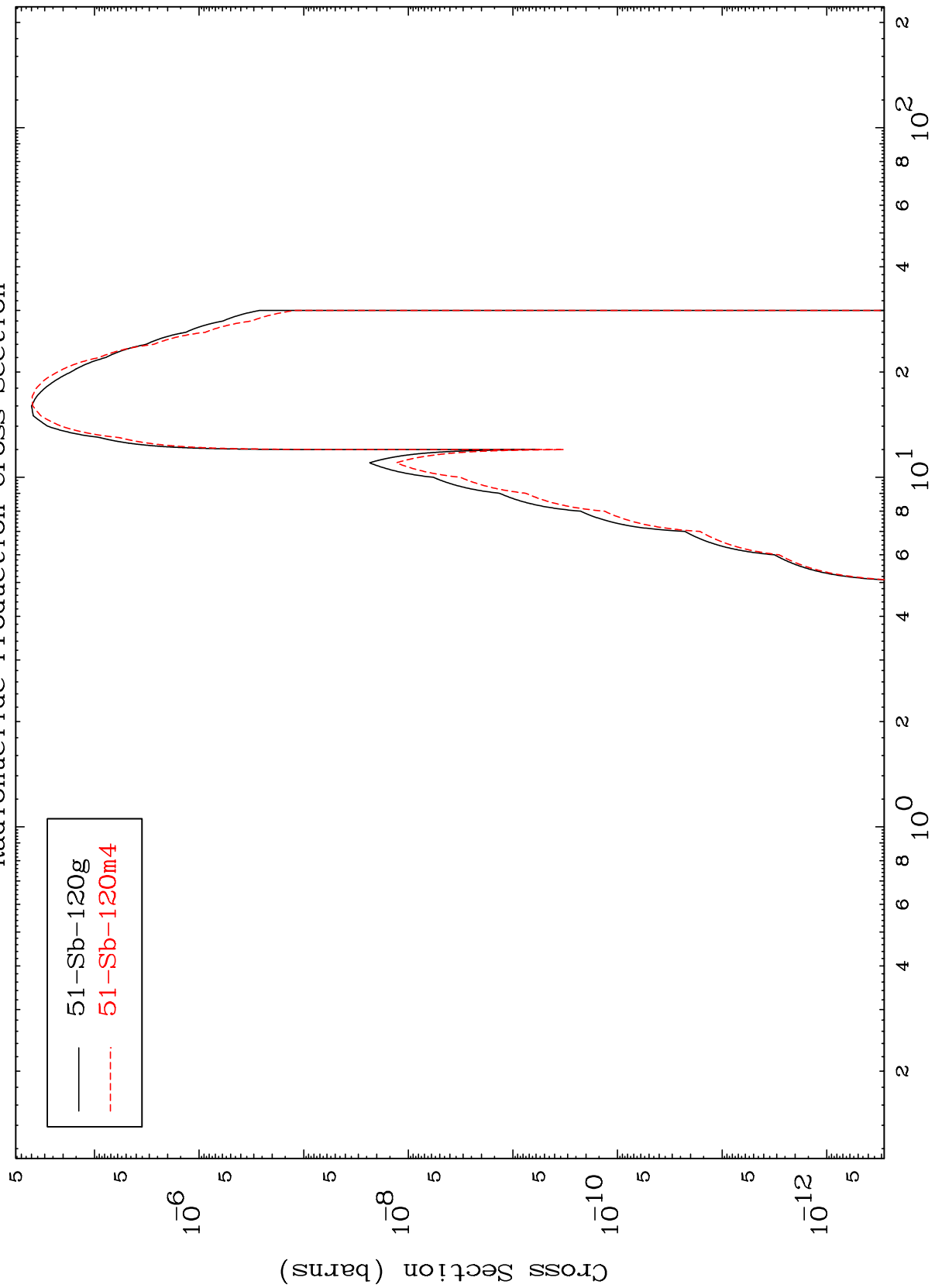
Incident Energy (MeV)

49-In-116m

MAT 4935

49-In-116m

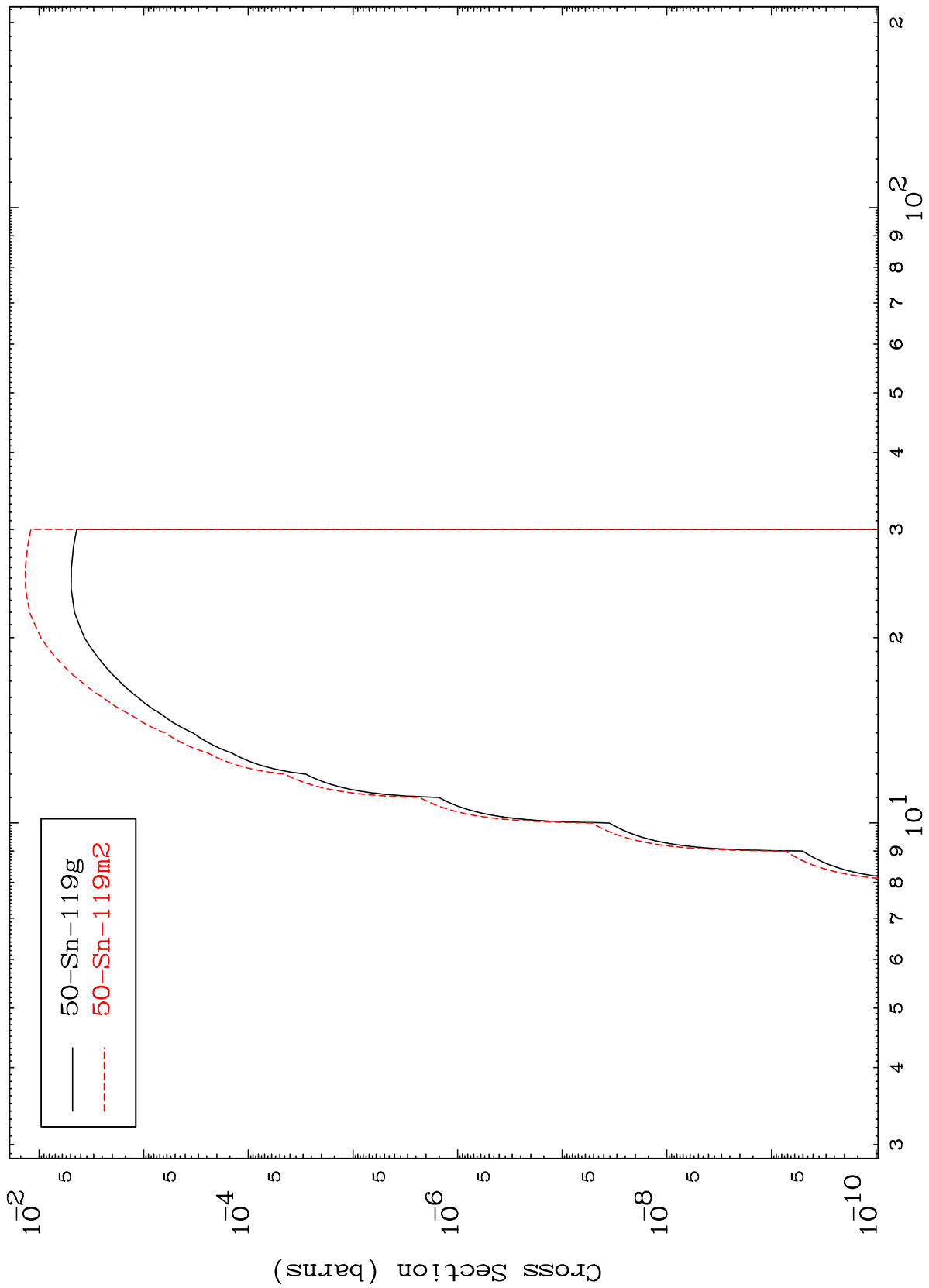
Radionuclide Production Cross Section
(n, γ)



MAT 4935

49-In-116m

(n,p)
Radionuclide Production Cross Section



49-In-116m

Incident Energy (MeV)

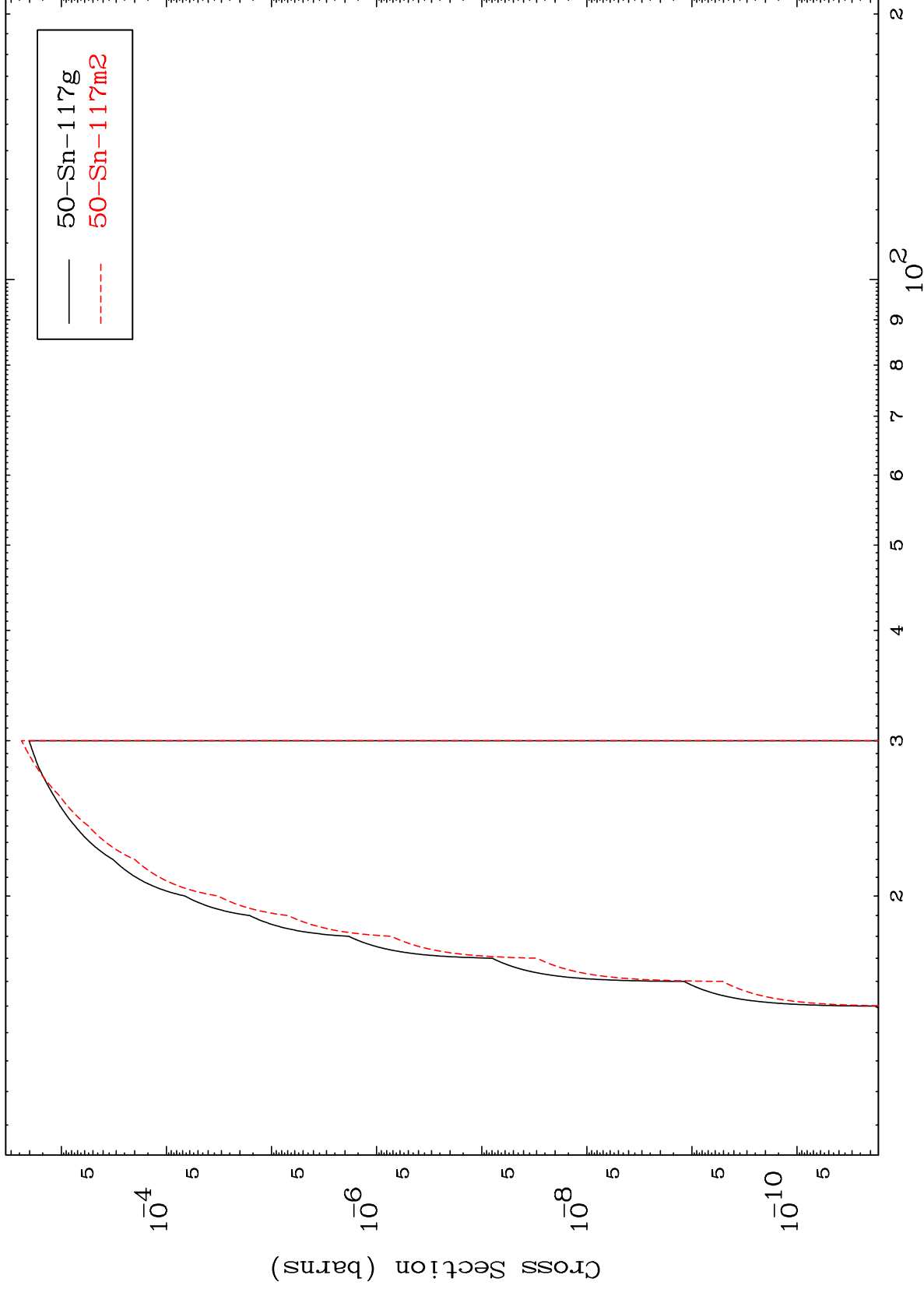
20

MAT 4935

(n, t)

49-In-116m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

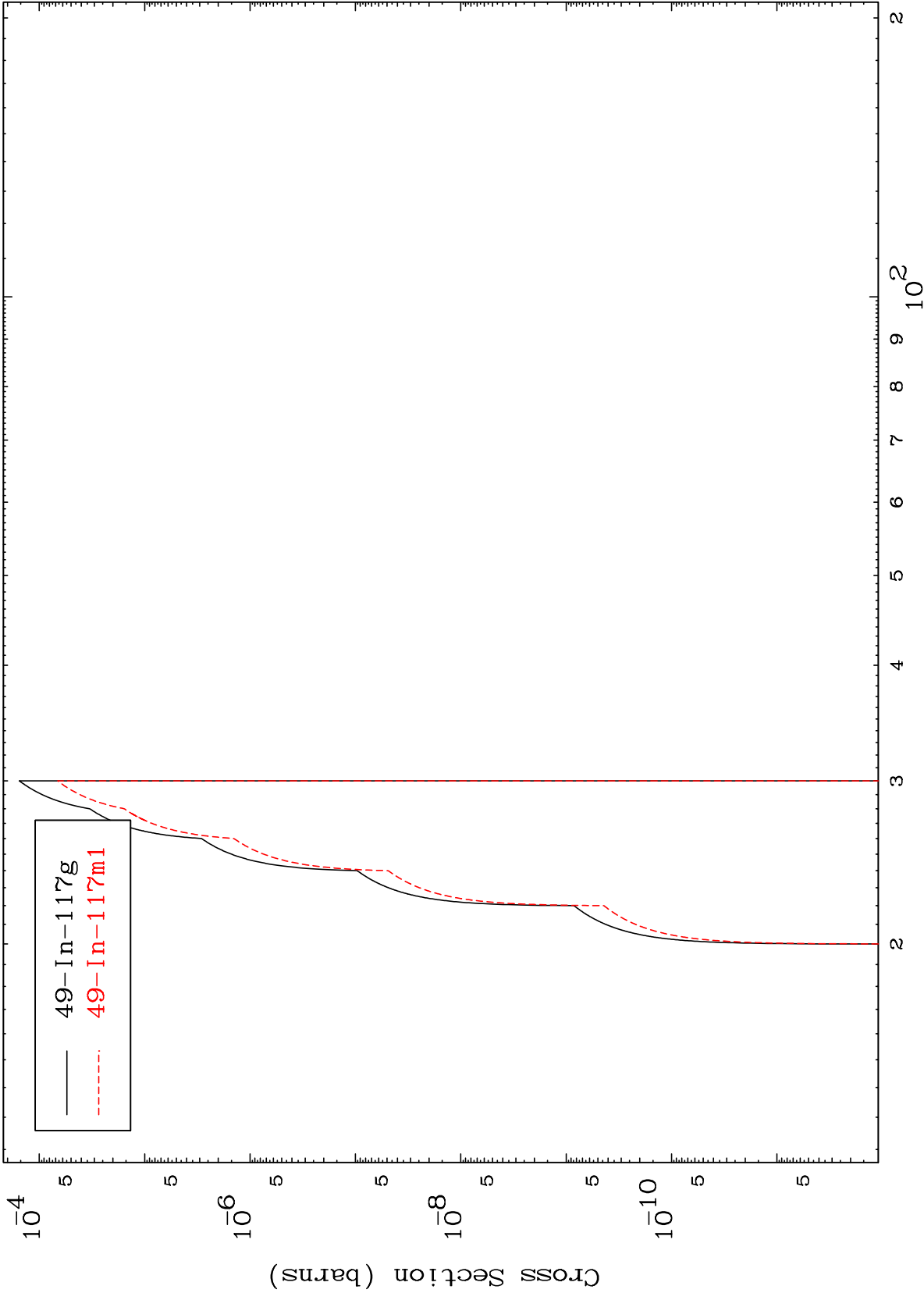
49-In-116m

MAT 4935

(n,He-3)

49-In-116m

Radionuclide Production Cross Section

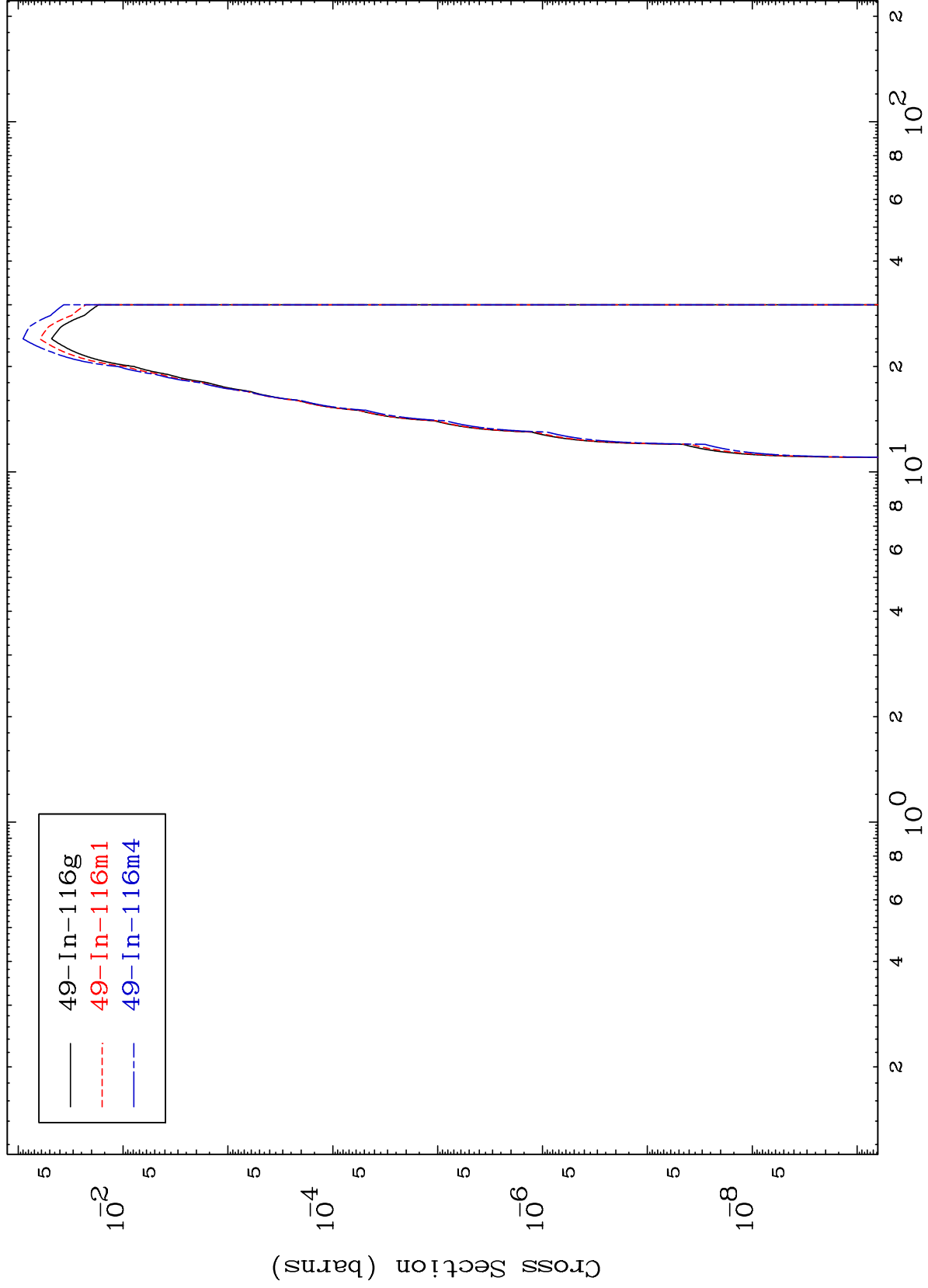


MAT 4935

49-In-116m

(n, α)

Radionuclide Production Cross Section

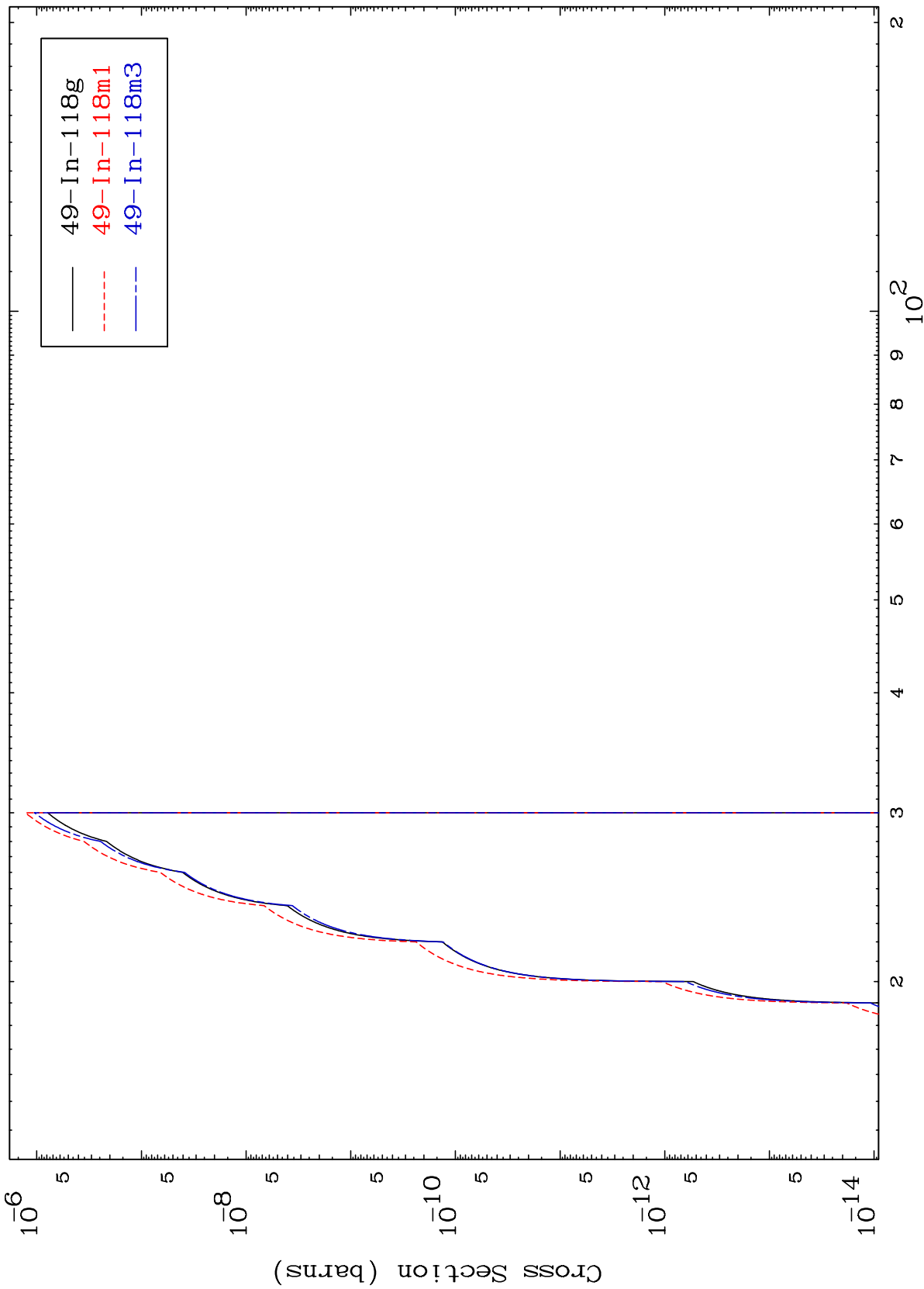


MAT 4935

(n,2p)

49-In-116m

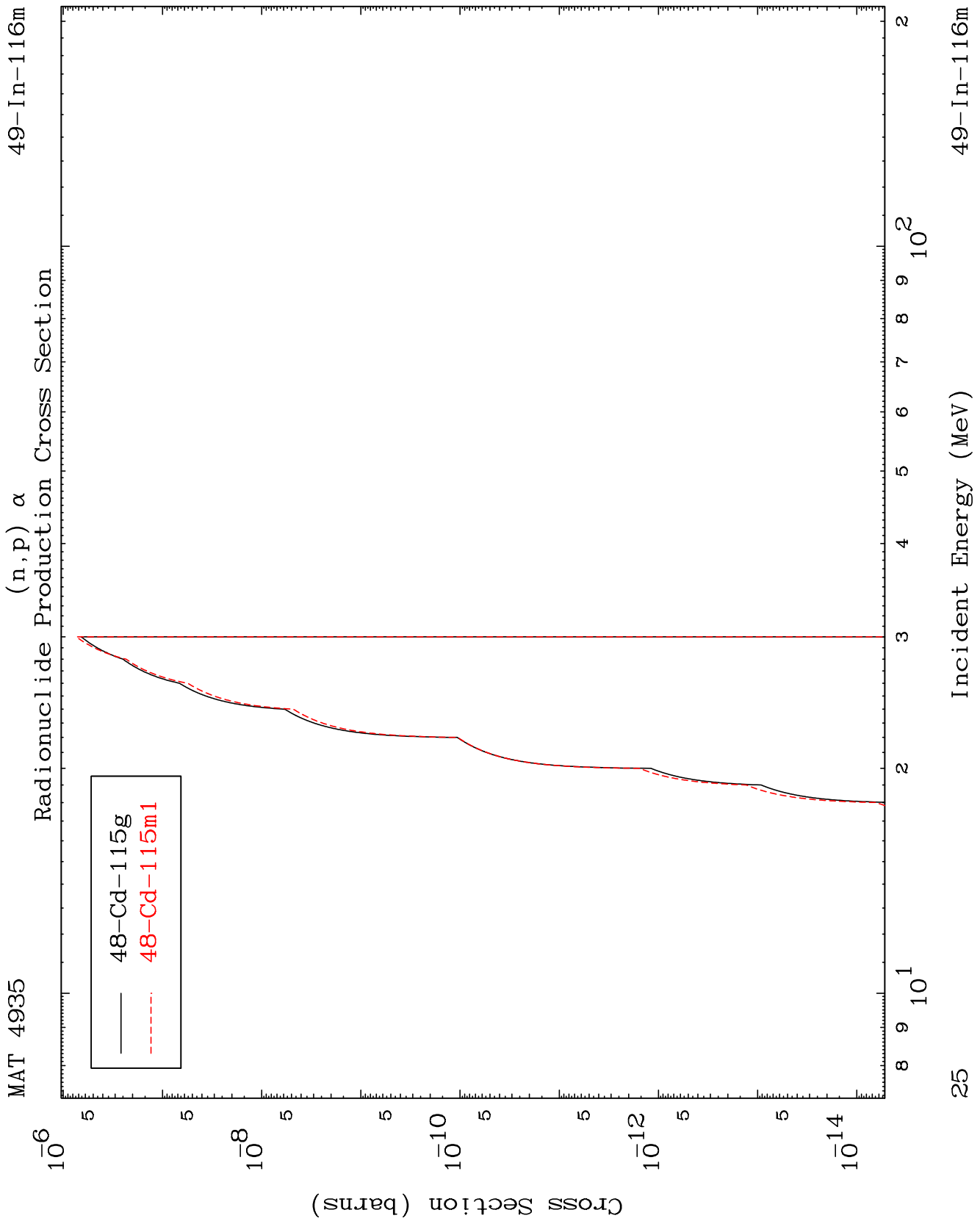
Radionuclide Production Cross Section



24

Incident Energy (MeV)

49-In-116m

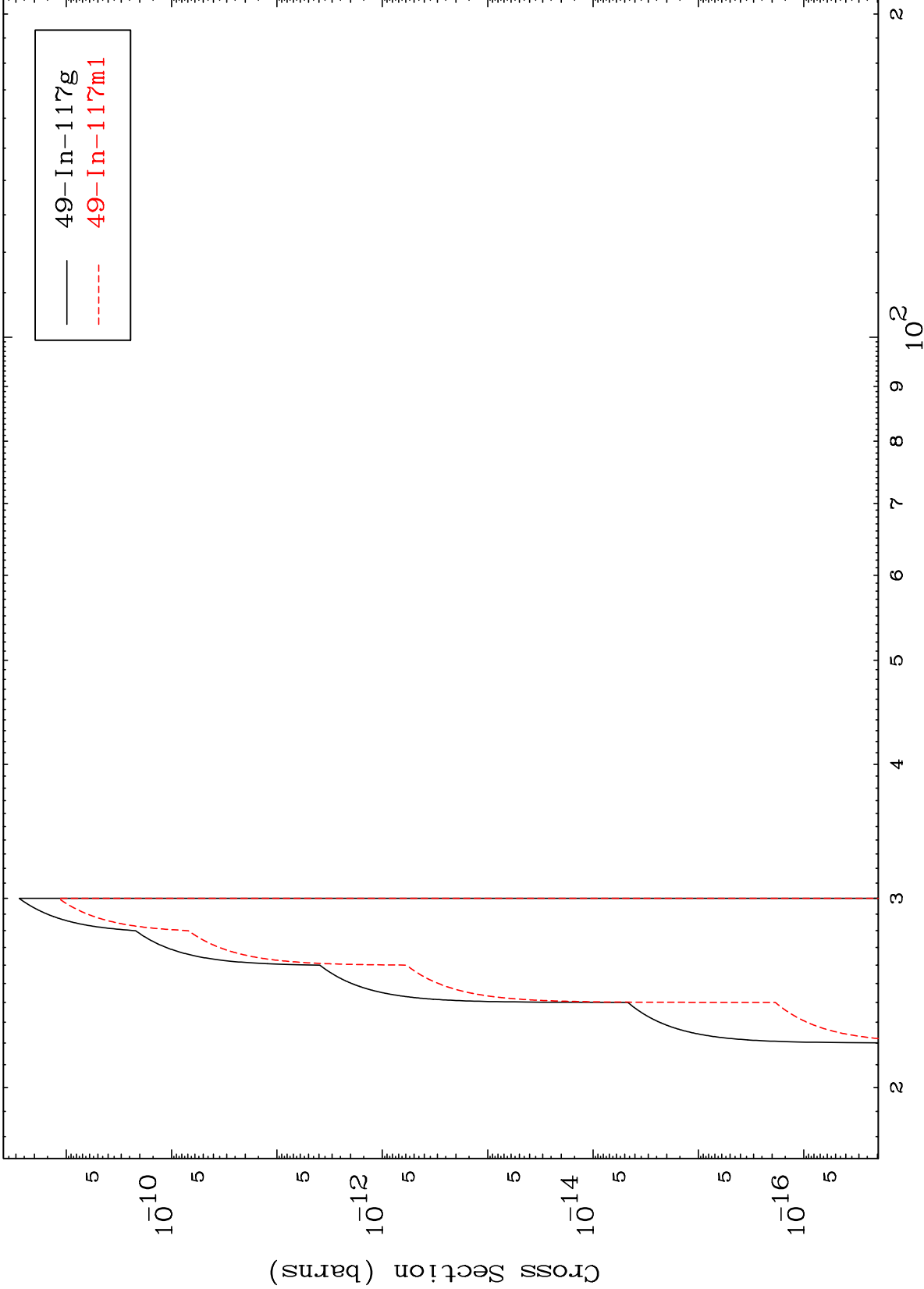


MAT 4935

(n,p) d

49-In-116m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

49-In-116m