

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

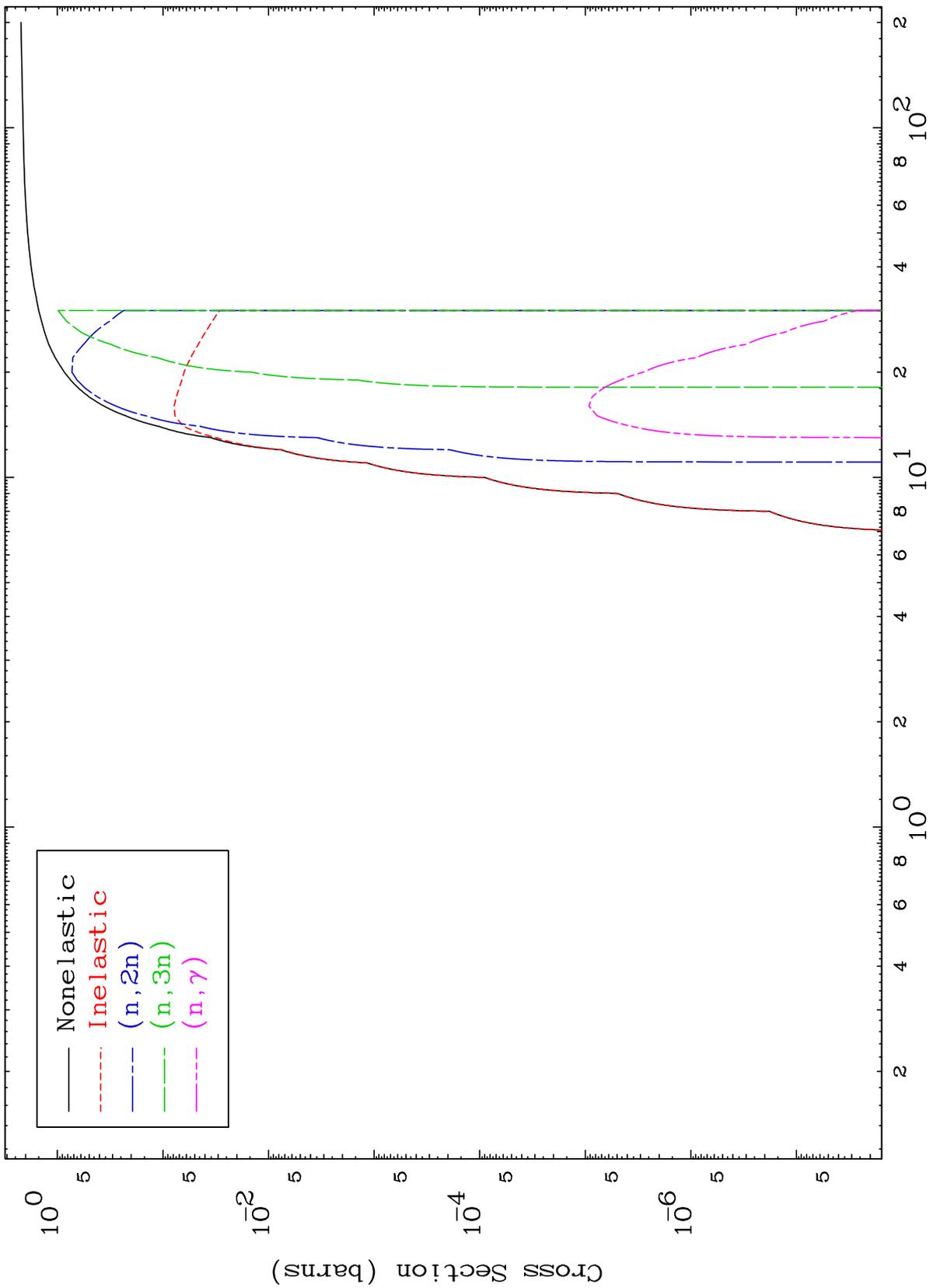
Press Mouse Button to Start

MAT 4948

α Major

49-In-120n

0 Kelvin Cross Sections



49-In-120n

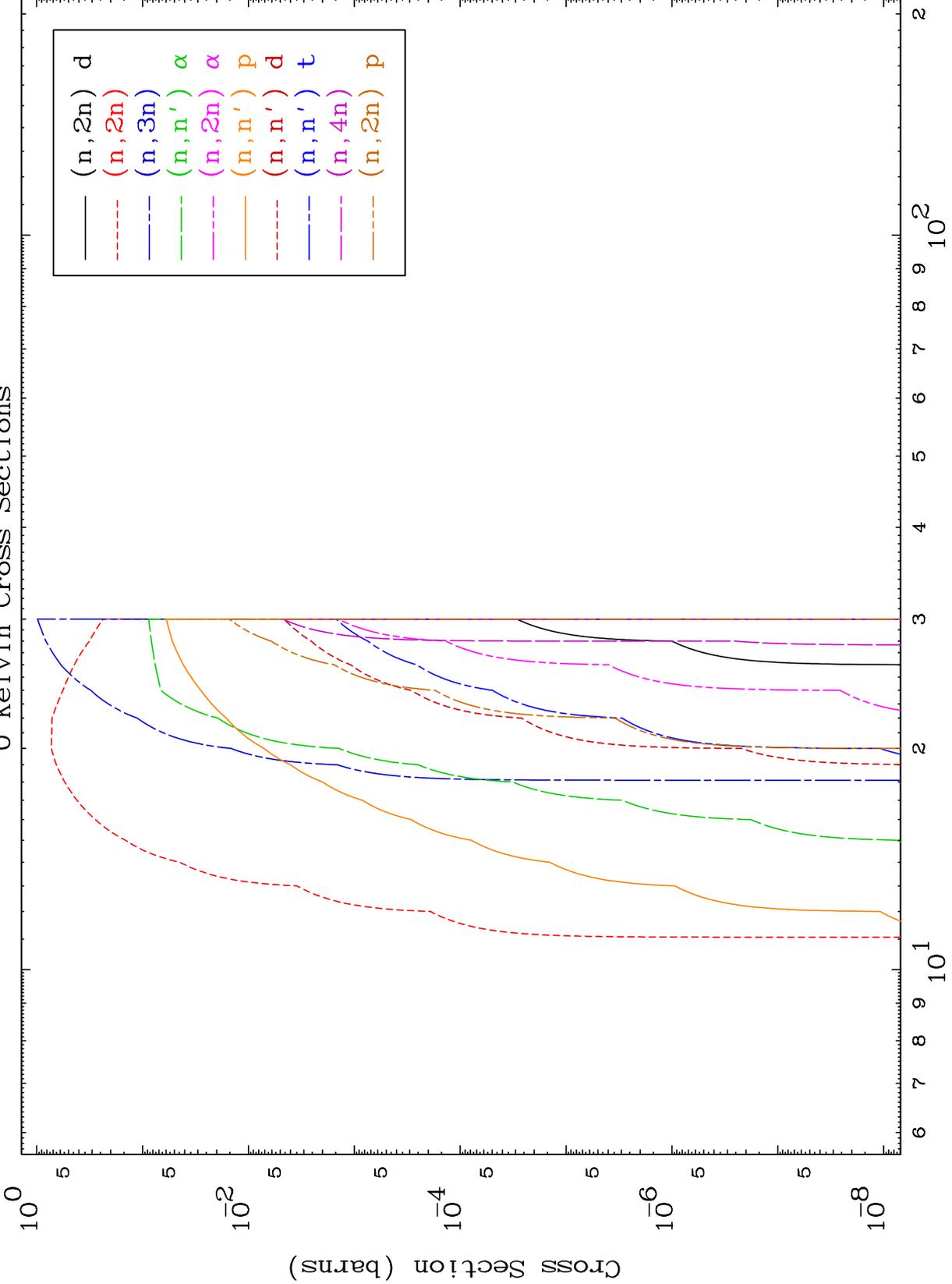
Incident Energy (MeV)

1

MAT 4948

α Neutron Absorption
0 Kelvin Cross Sections

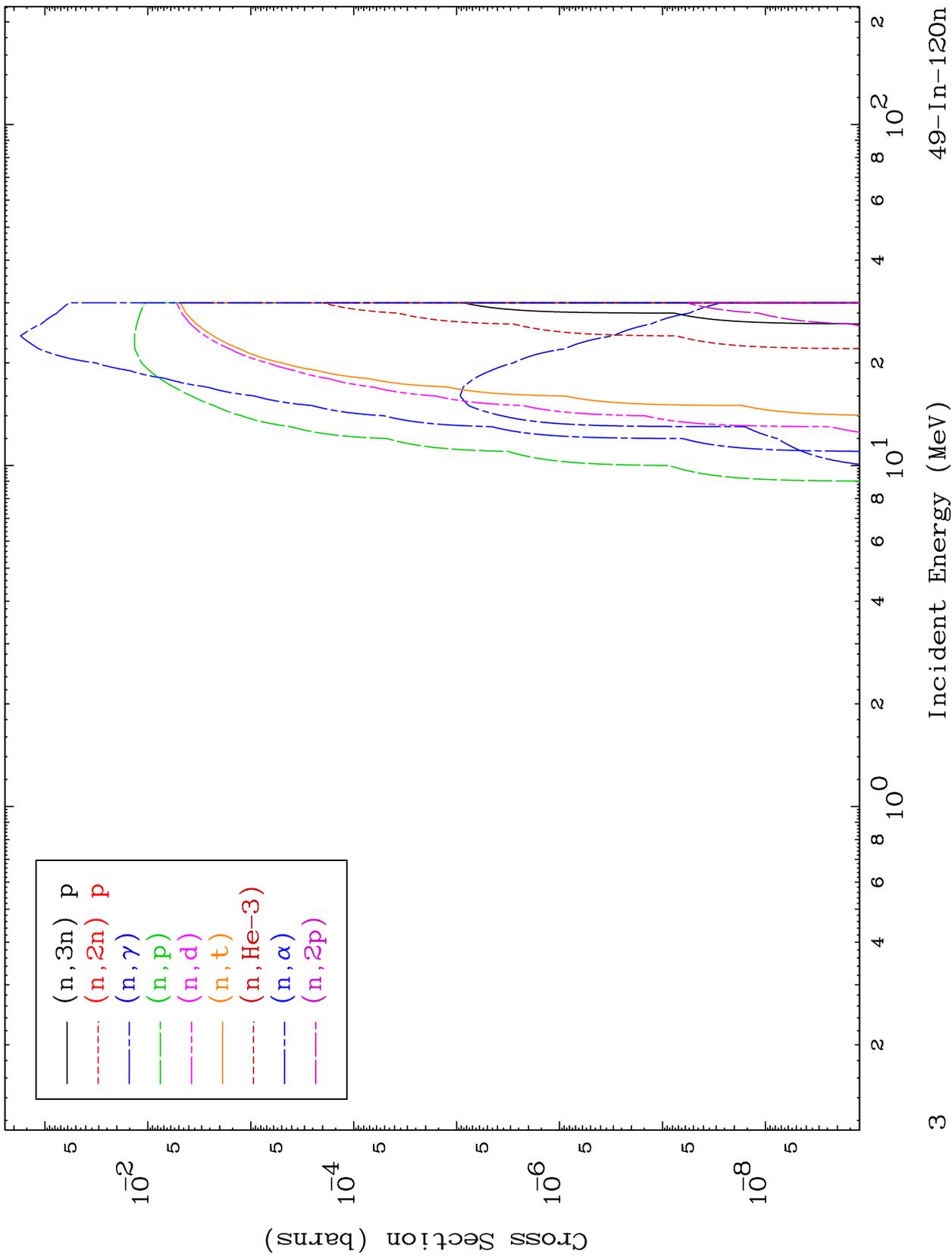
49-In-120n



MAT 4948

α Neutron Absorption
0 Kelvin Cross Sections

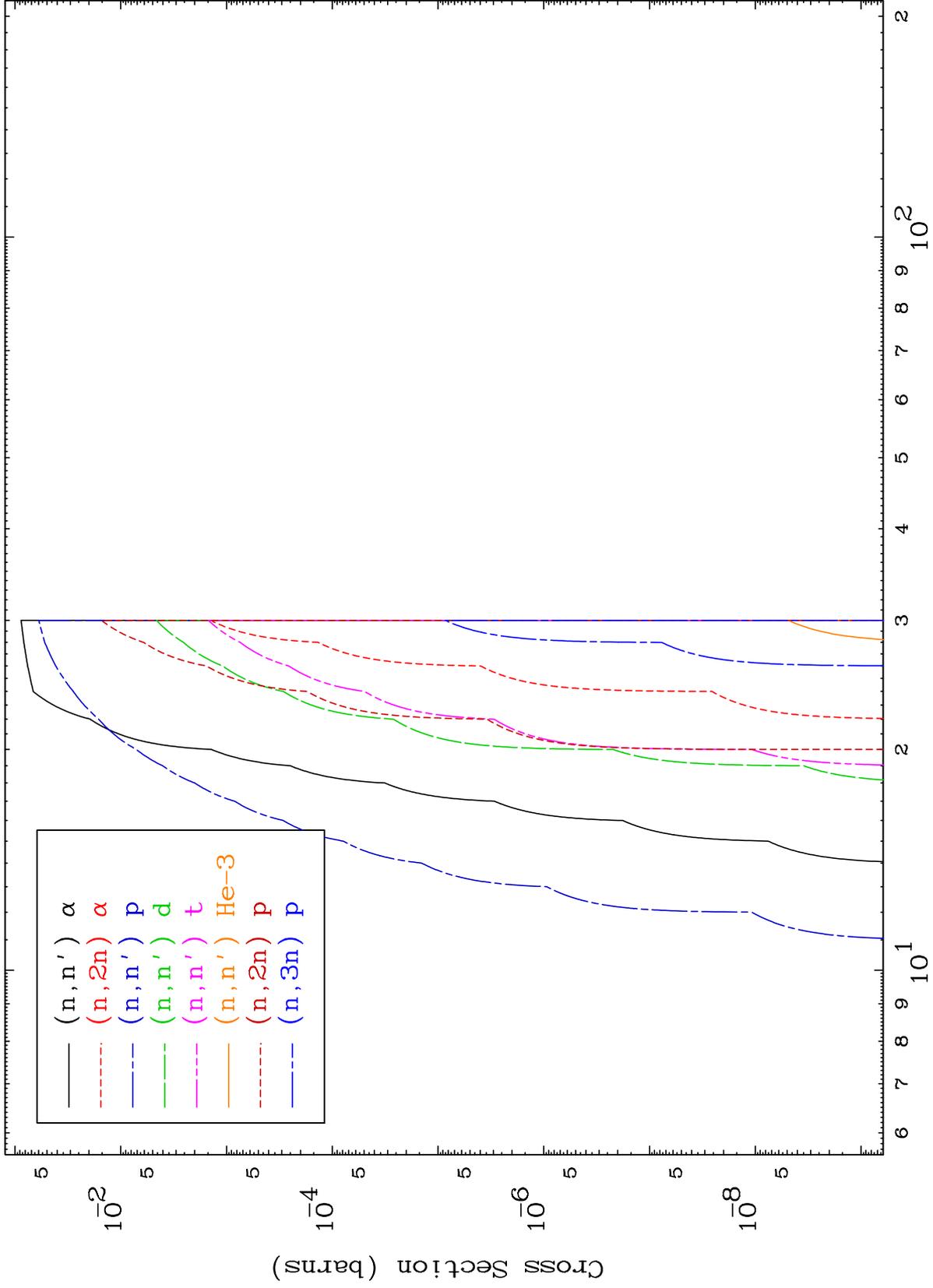
49-In-120n



MAT 4948

α Charged Particle
0 Kelvin Cross Sections

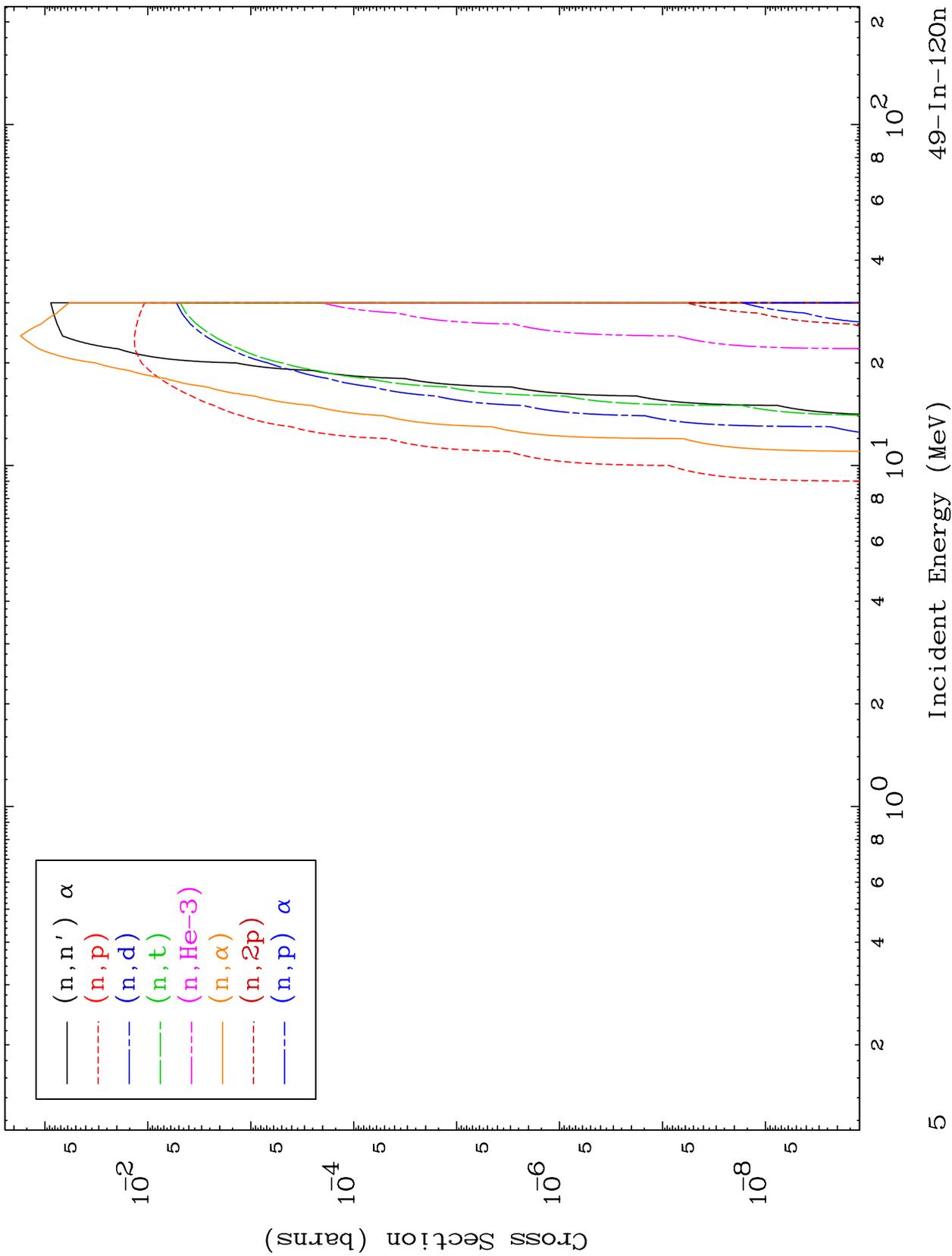
49-In-120n



MAT 4948

α Charged Particle
0 Kelvin Cross Sections

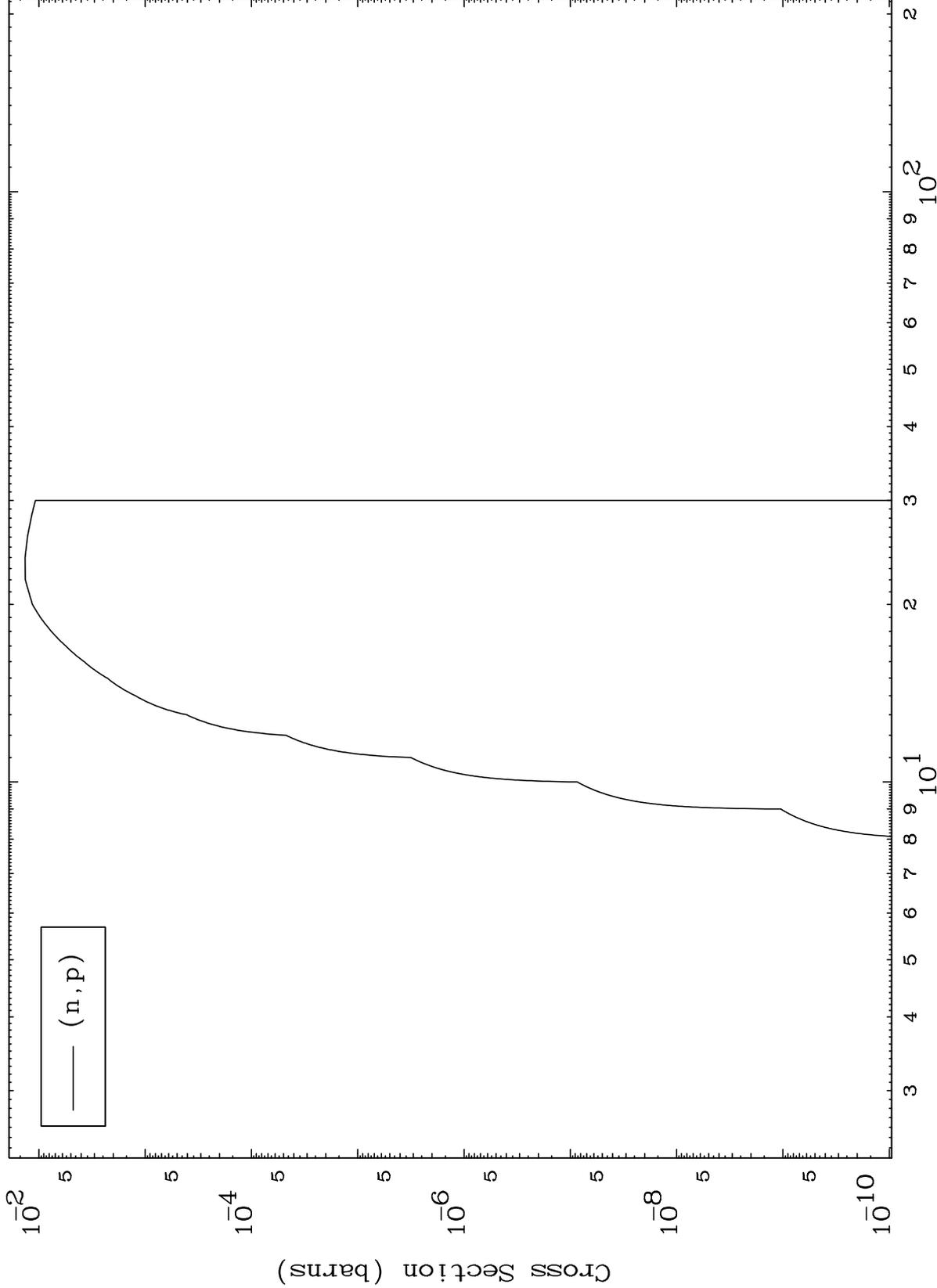
49-In-120n



MAT 4948

(α, p) Levels
0 Kelvin Cross Sections

49-In-120n

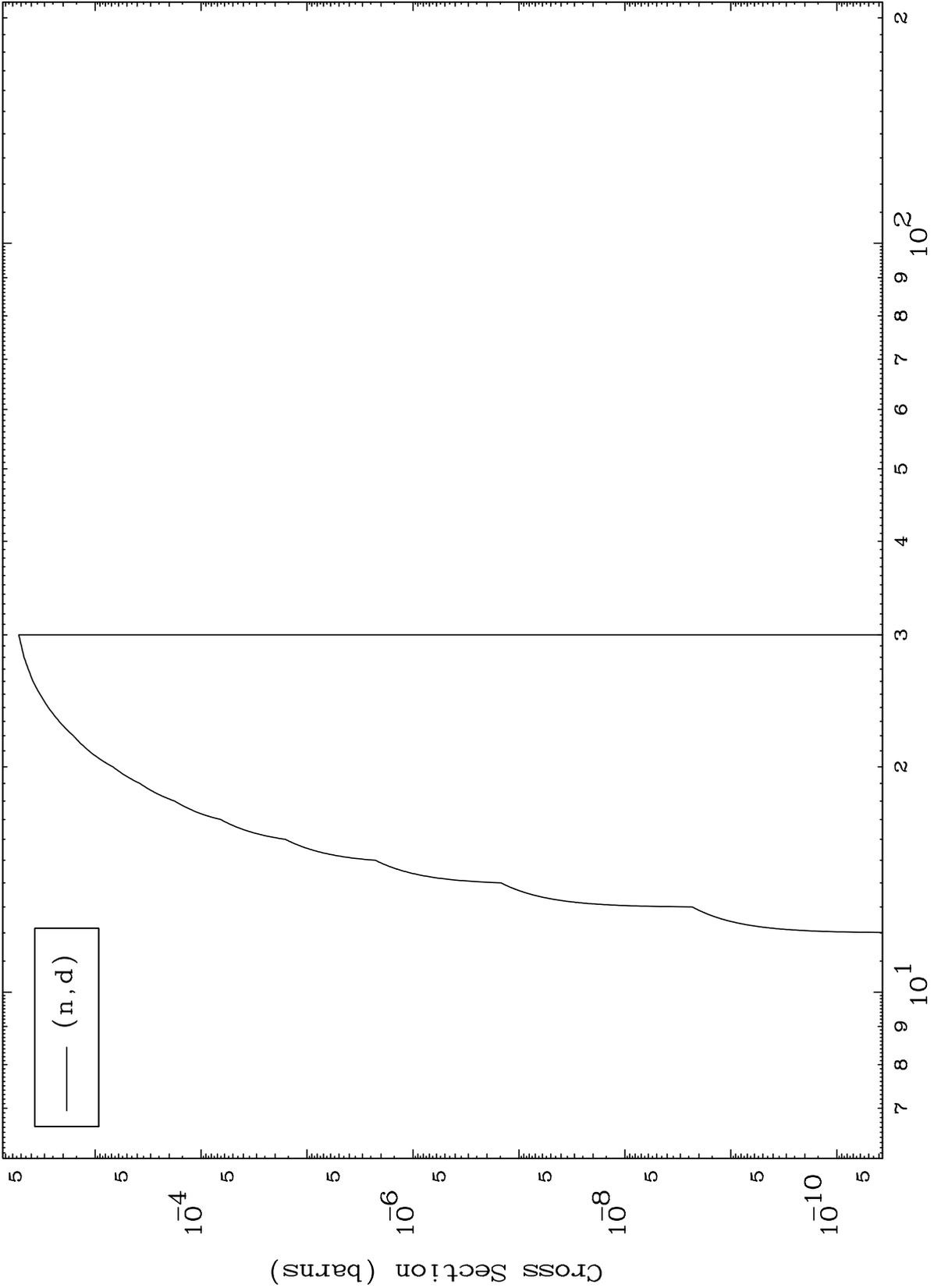


MAT 4948

(α, d) Levels

49-In-120n

0 Kelvin Cross Sections



7

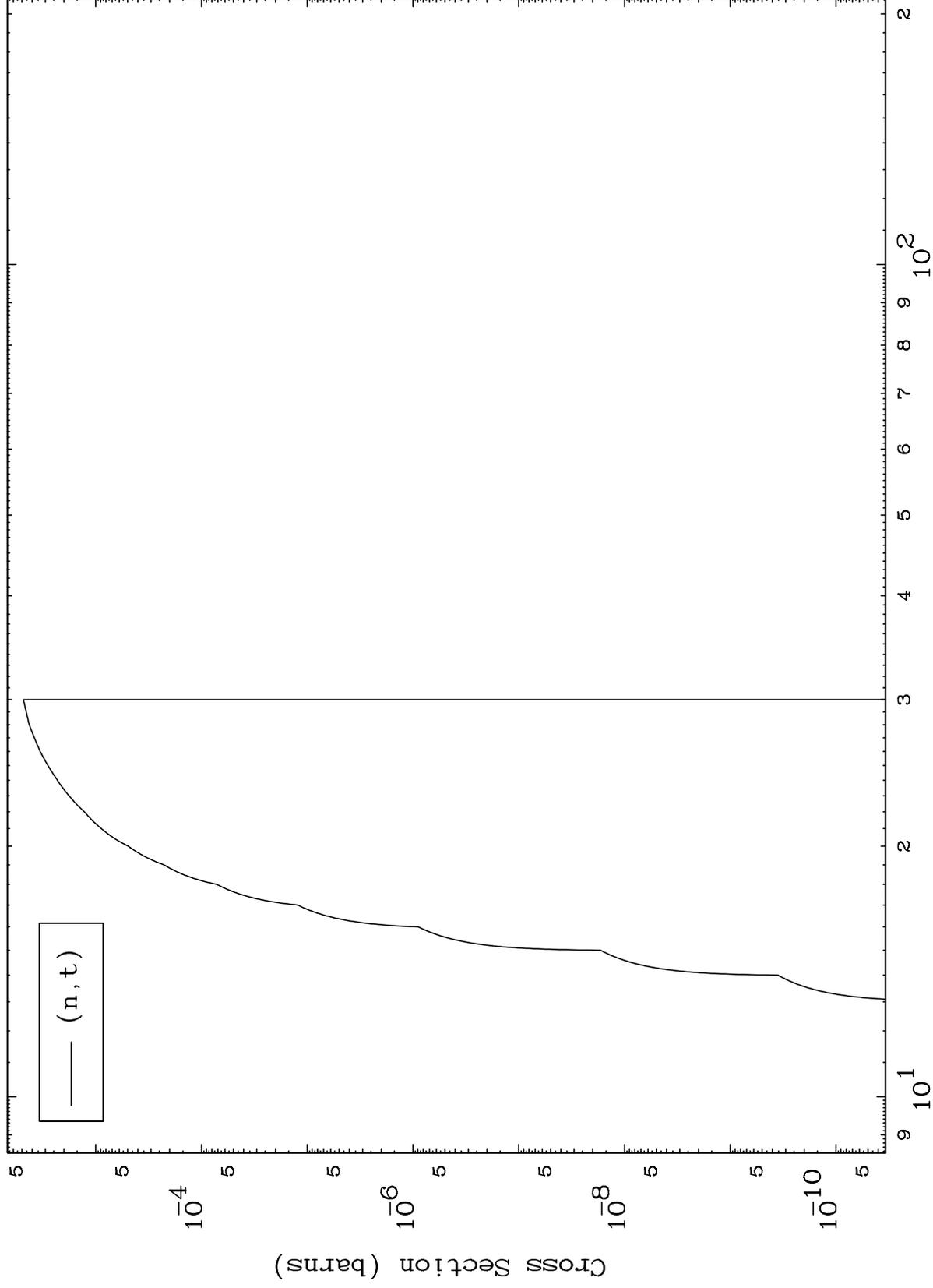
Incident Energy (MeV)

49-In-120n

MAT 4948

(α, t) Levels
0 Kelvin Cross Sections

49-In-120n



Incident Energy (MeV)

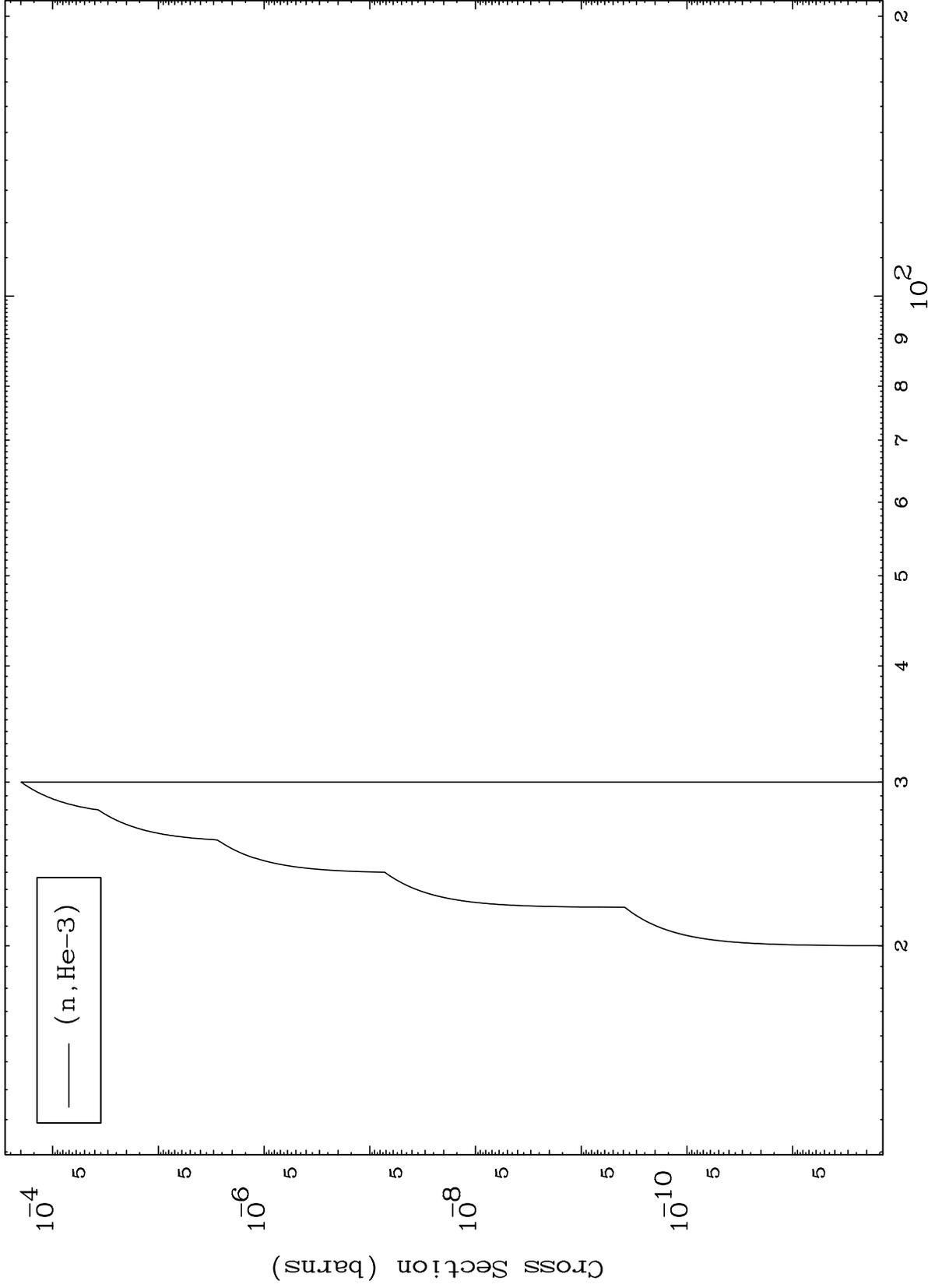
49-In-120n

8

MAT 4948

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

49-In-120n

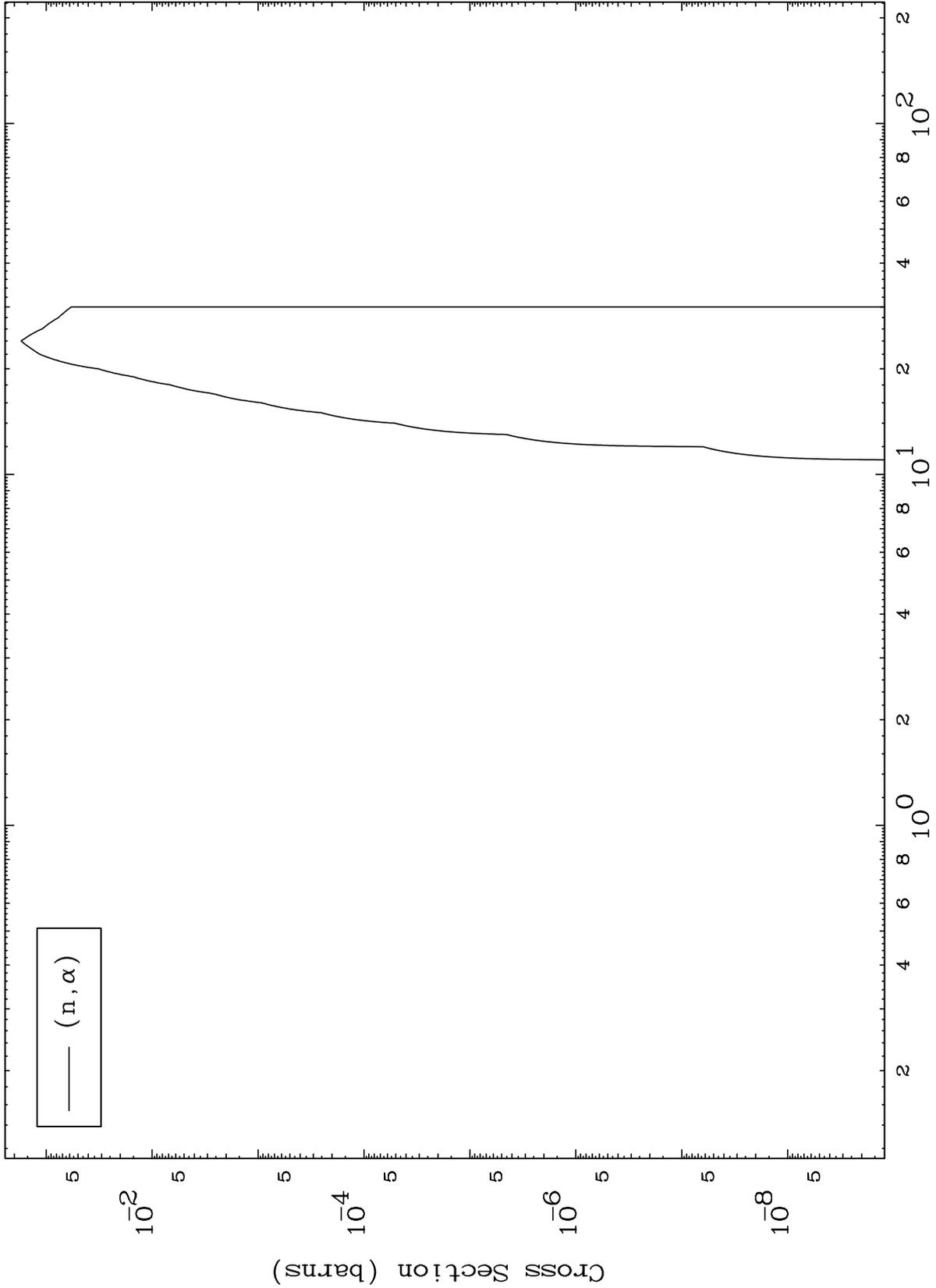


MAT 4948

(α, α) Levels

49-In-120n

0 Kelvin Cross Sections



10

Incident Energy (MeV)

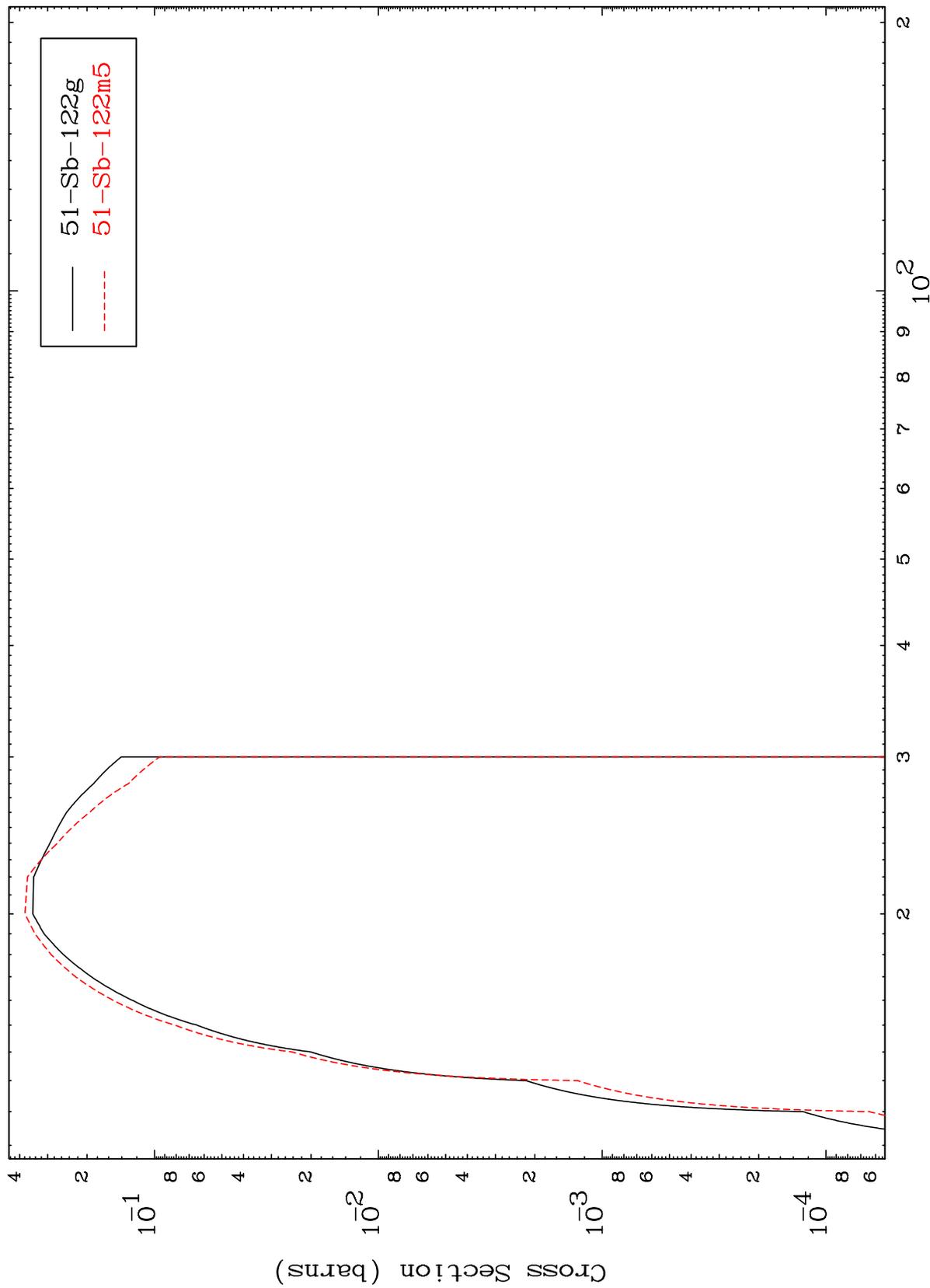
49-In-120n

MAT 4948

49-In-120n

(n,2n)

Radionuclide Production Cross Section



49-In-120n

Incident Energy (MeV)

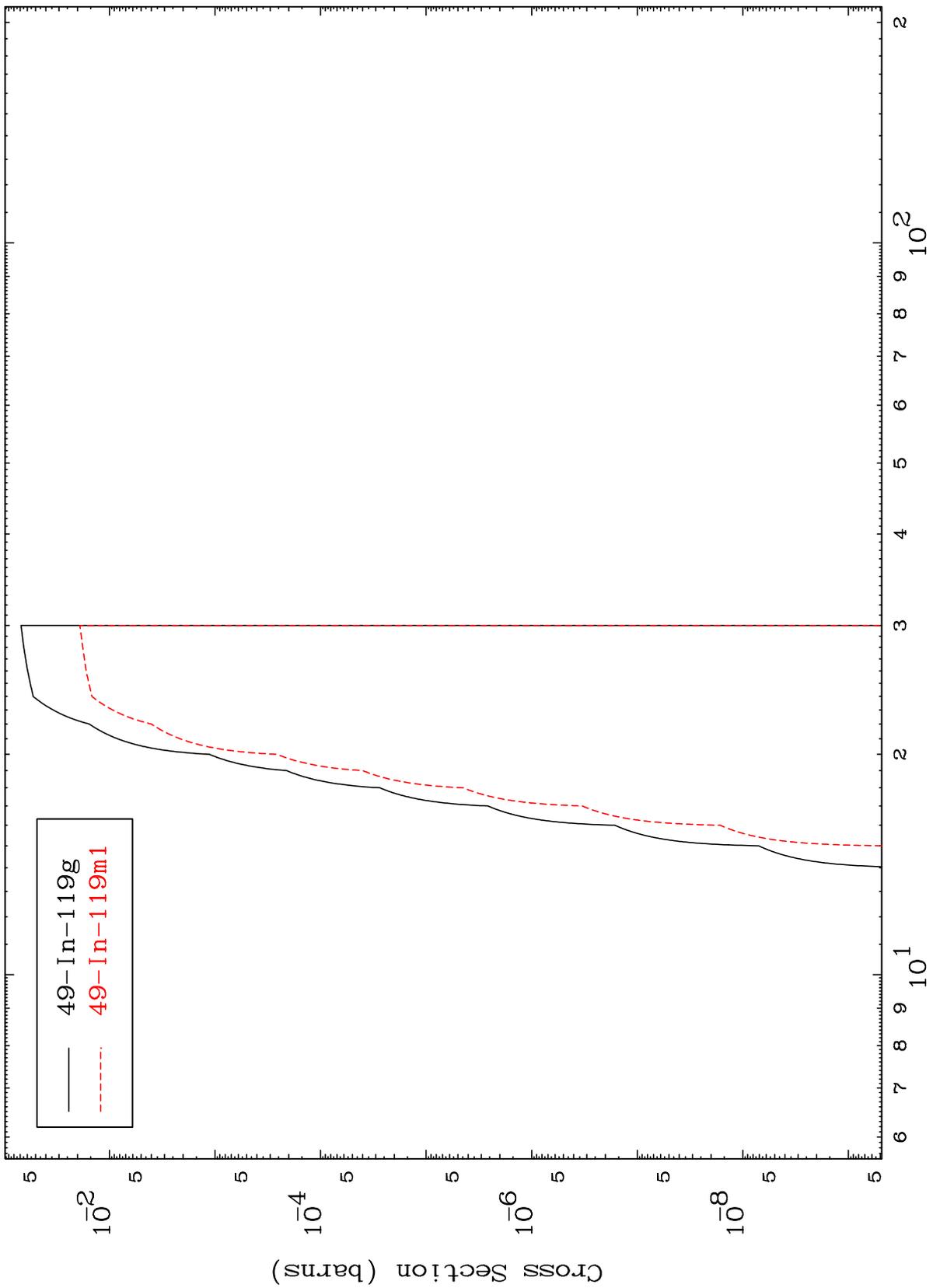
11

MAT 4948

(n,n') α

49-In-120n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

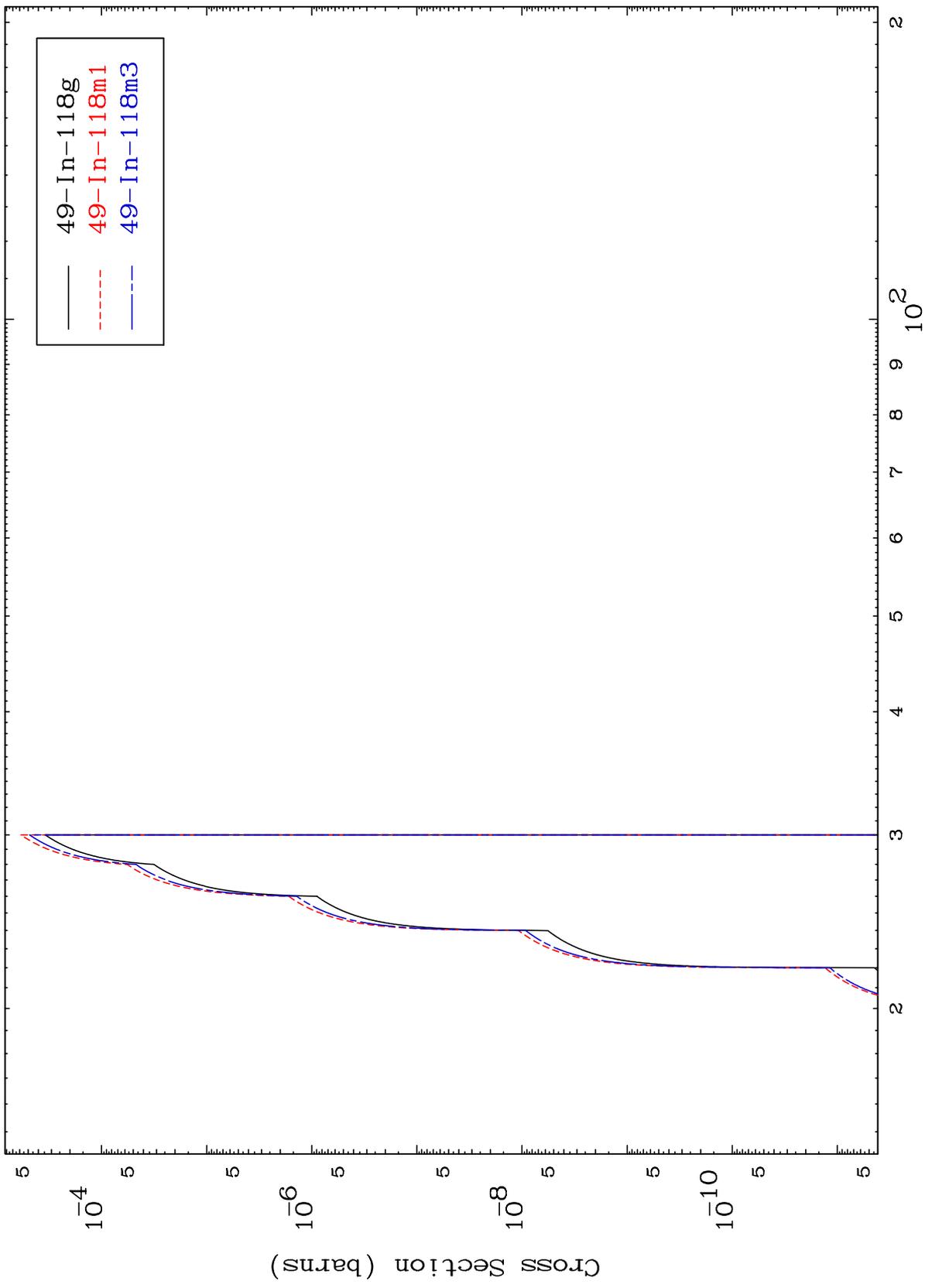
49-In-120n

MAT 4948

(n,2n) α

49-In-120n

Radionuclide Production Cross Section

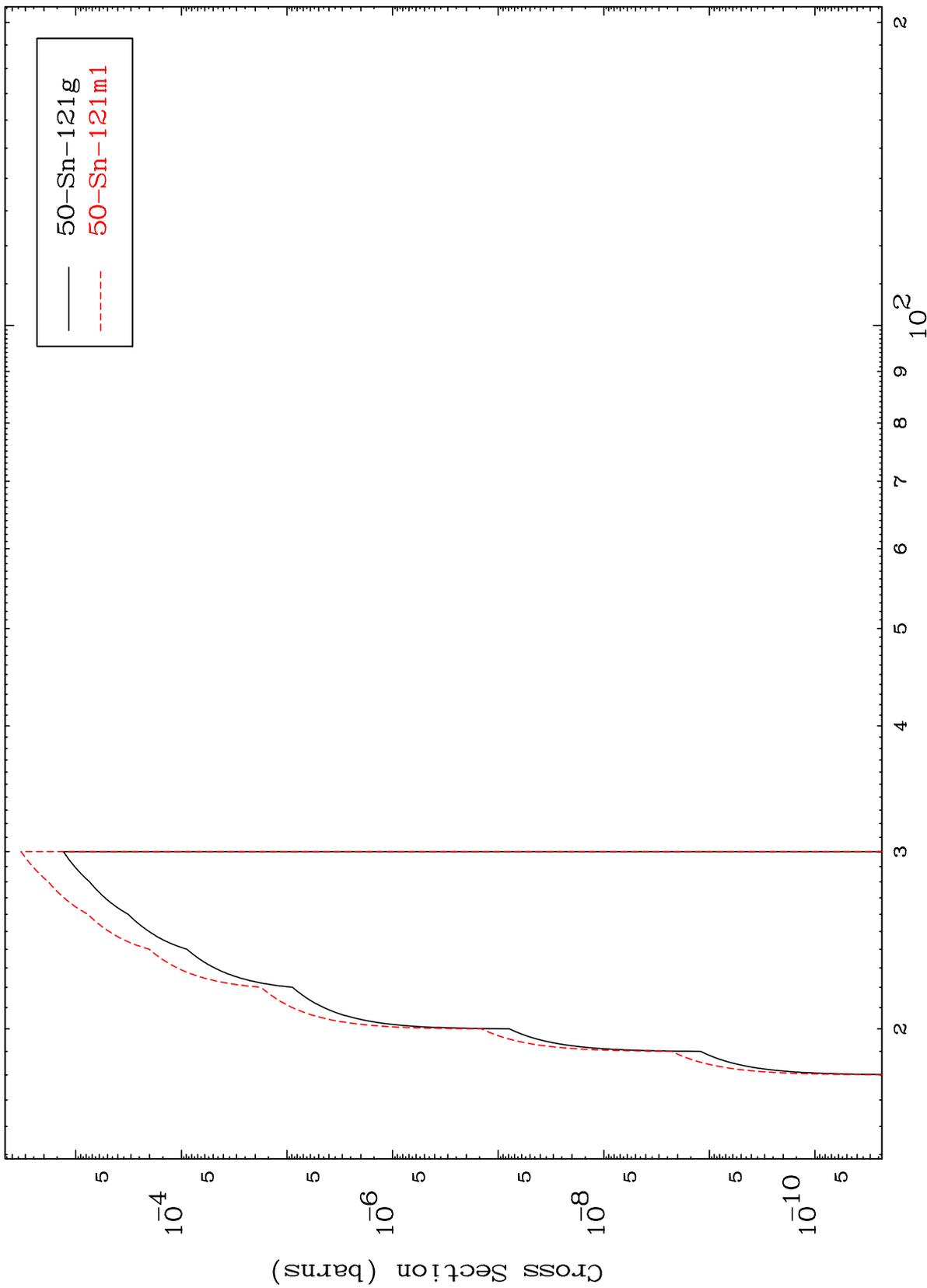


MAT 4948

(n,n') d

49-In-120n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

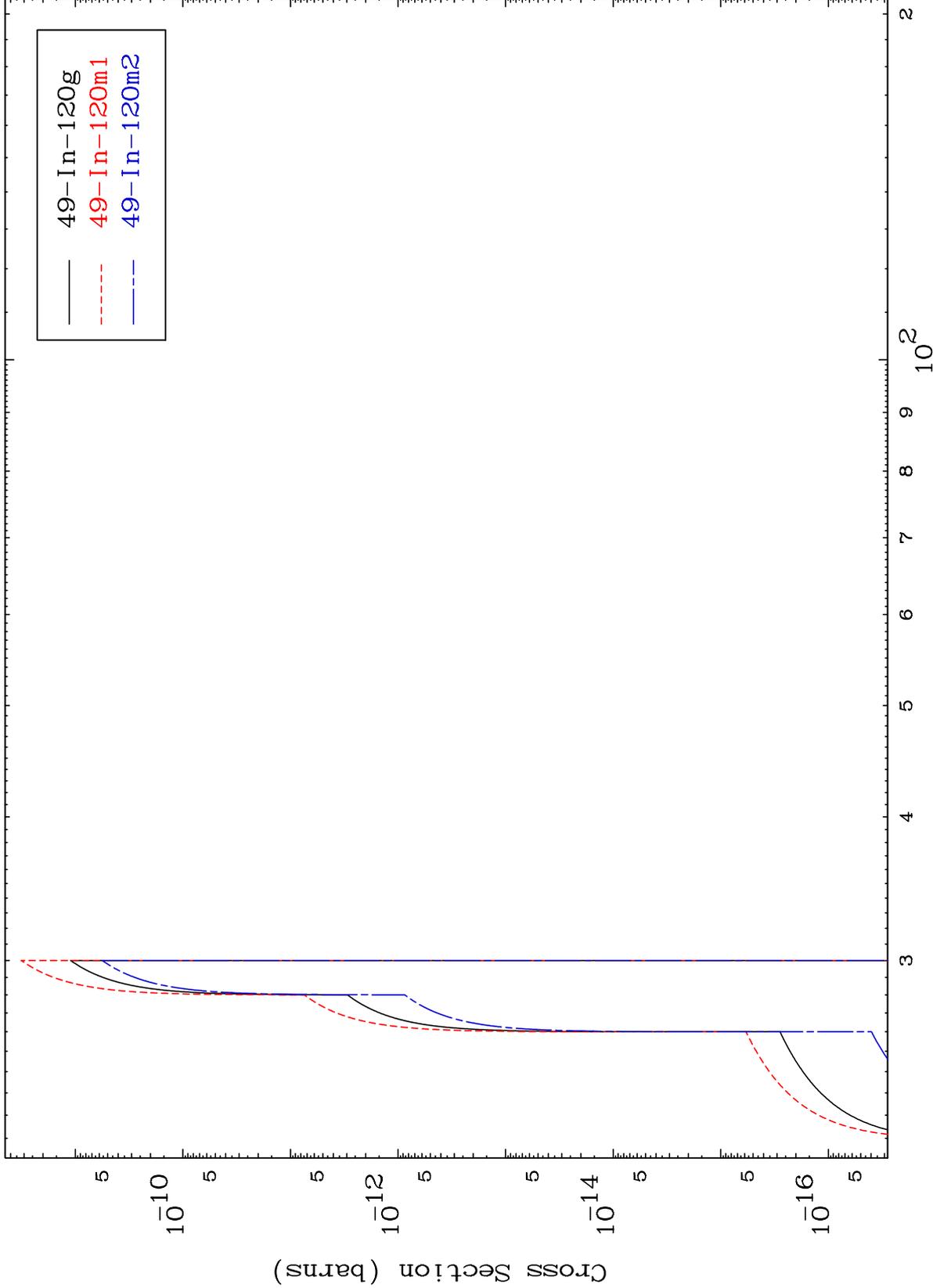
49-In-120n

MAT 4948

(n,n') He-3

49-In-120n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

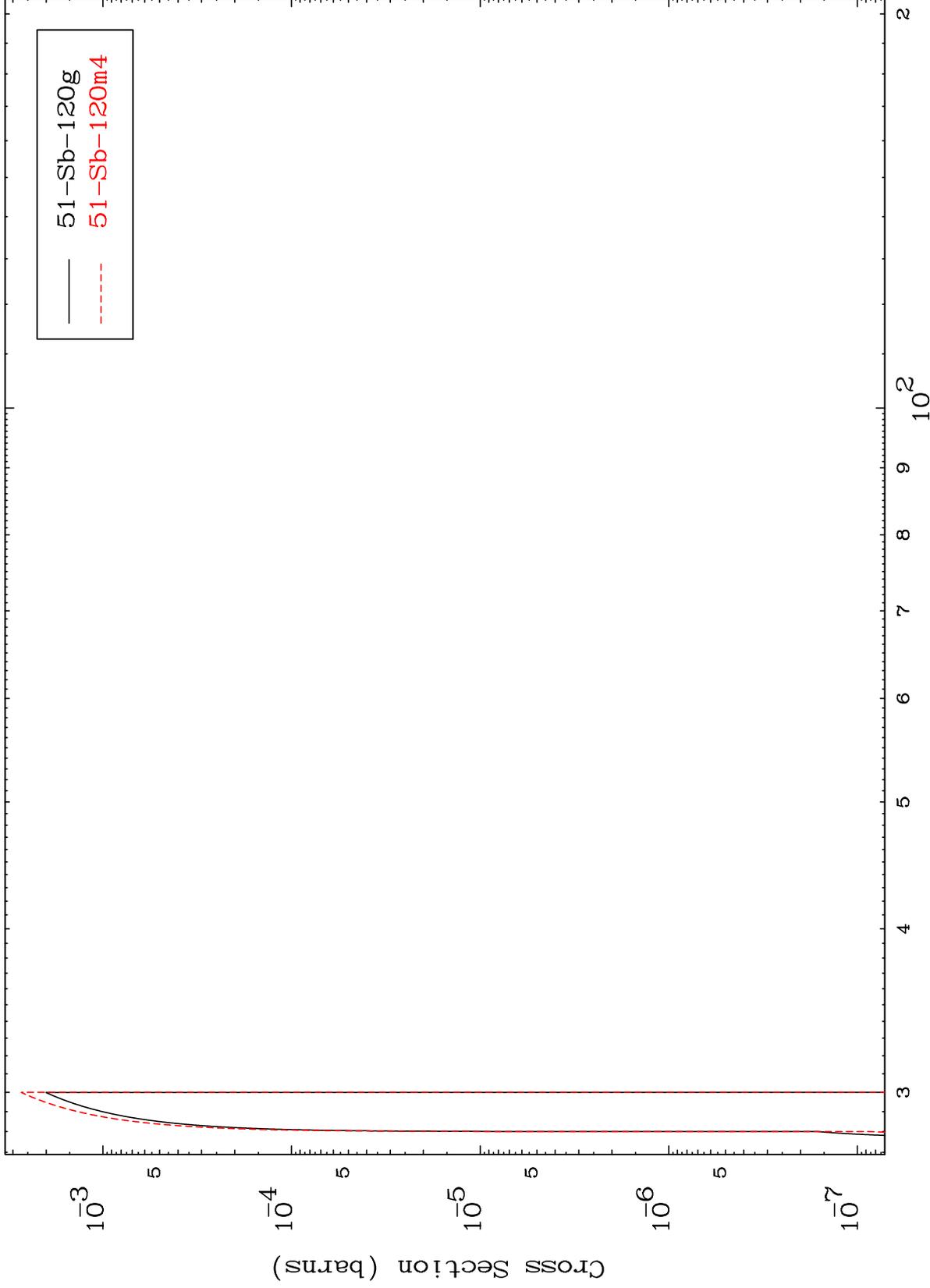
49-In-120n

MAT 4948

(n,4n)

49-In-120n

Radionuclide Production Cross Section



16

Incident Energy (MeV)

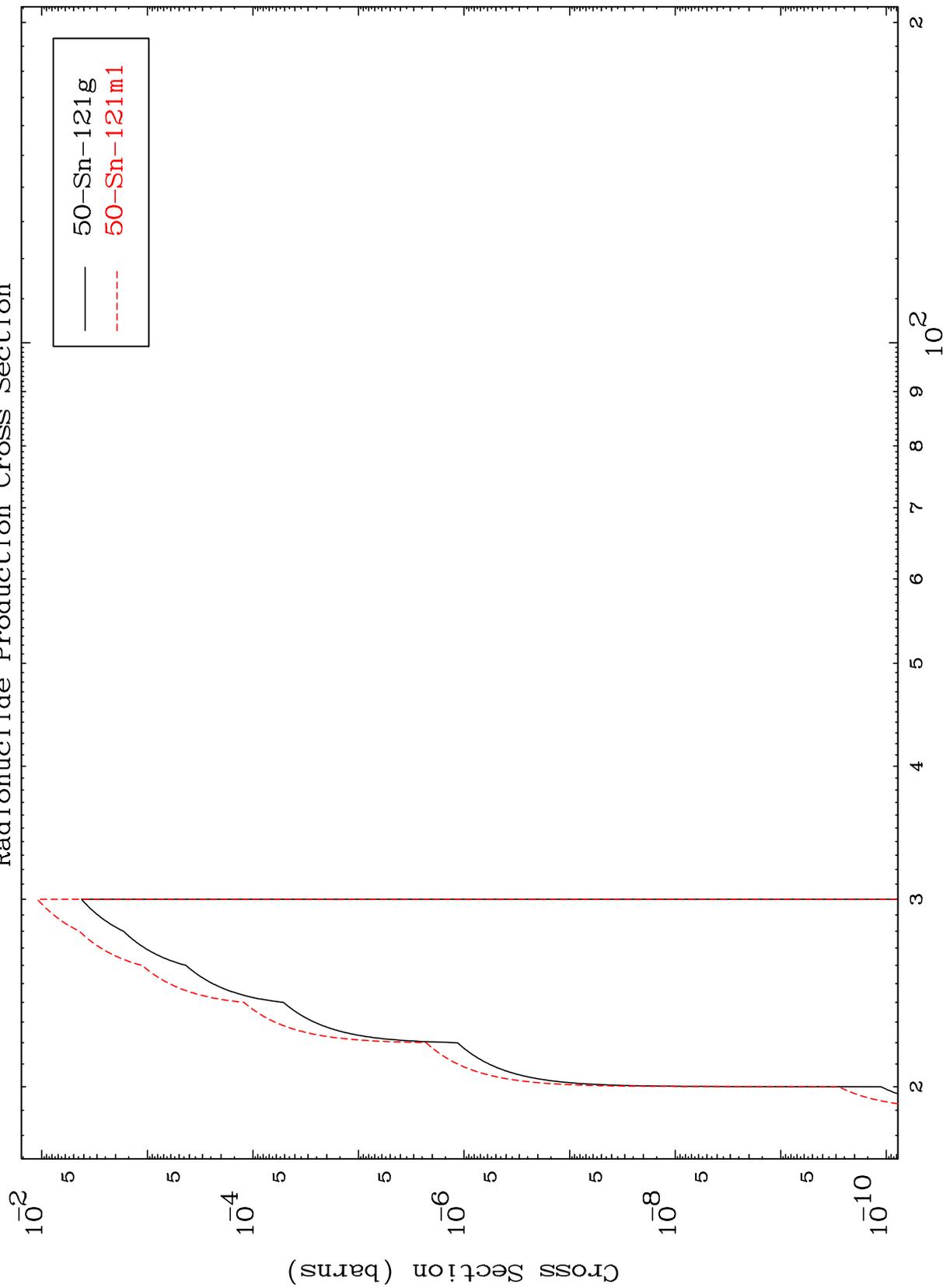
49-In-120n

MAT 4948

(n,2n) p

49-In-120n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

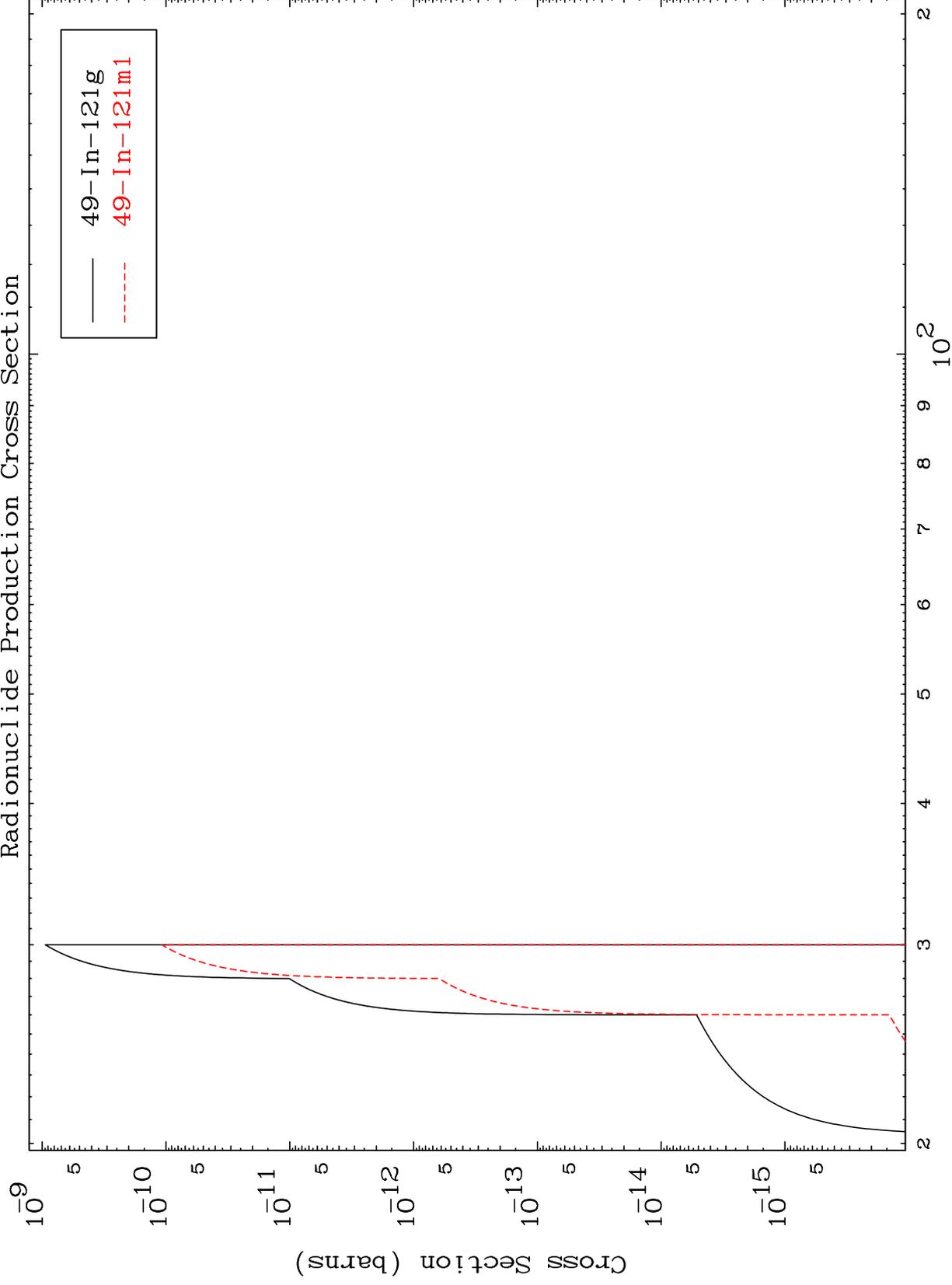
49-In-120n

MAT 4948

(n,2n) p

49-In-120n

Radionuclide Production Cross Section



18

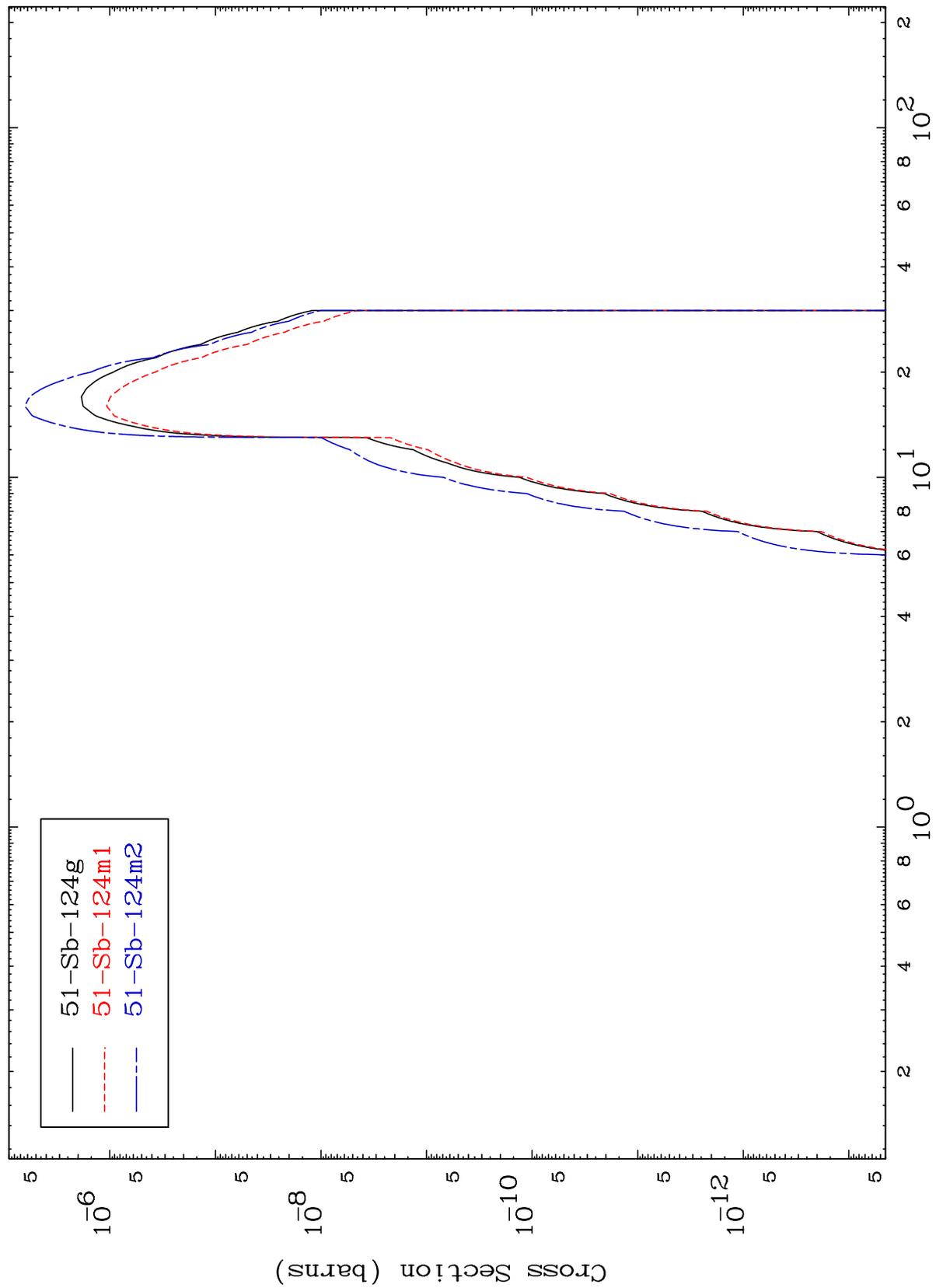
Incident Energy (MeV)

49-In-120n

MAT 4948

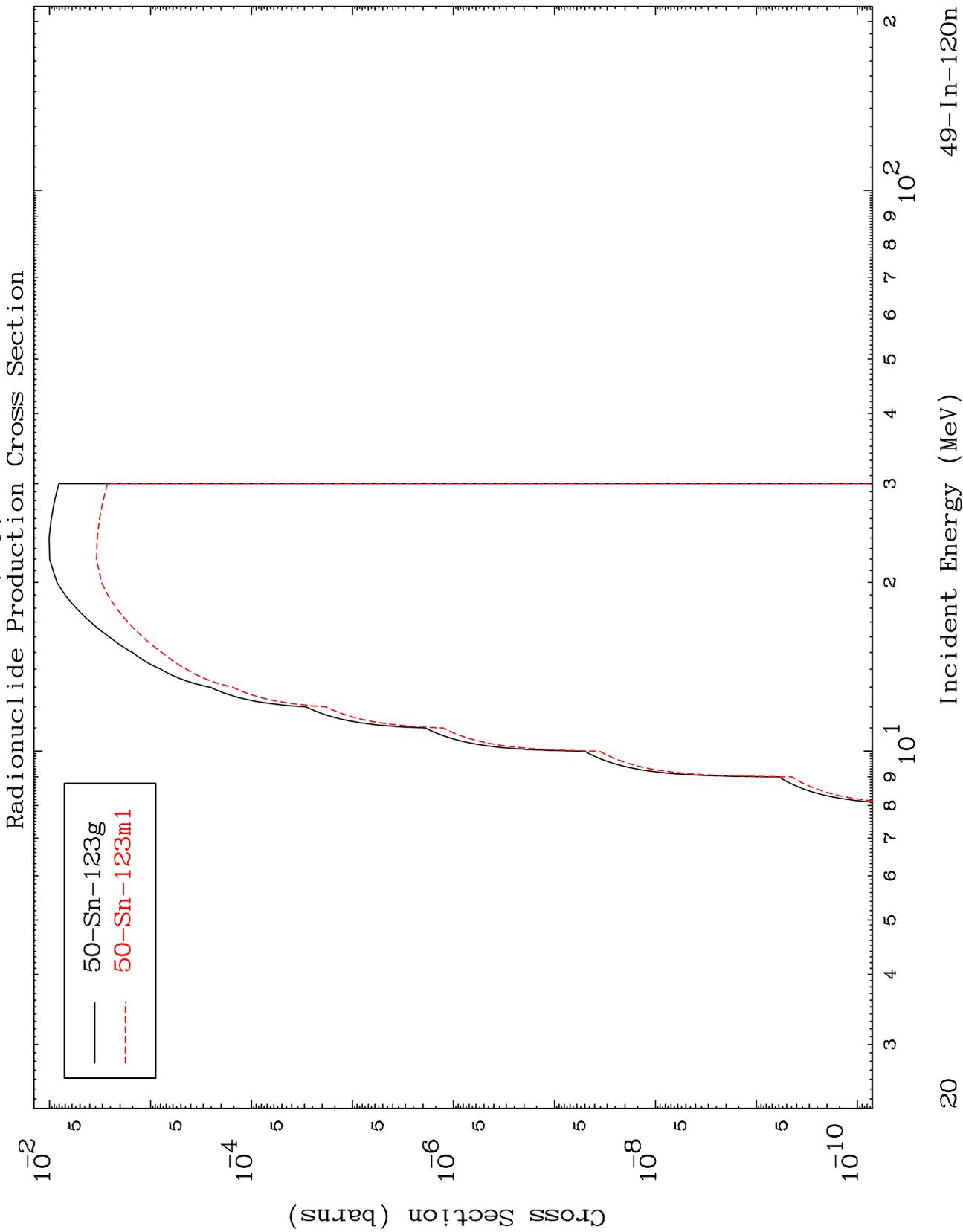
49-In-120n

Radionuclide Production Cross Section
(n, γ)



MAT 4948

49-In-120n

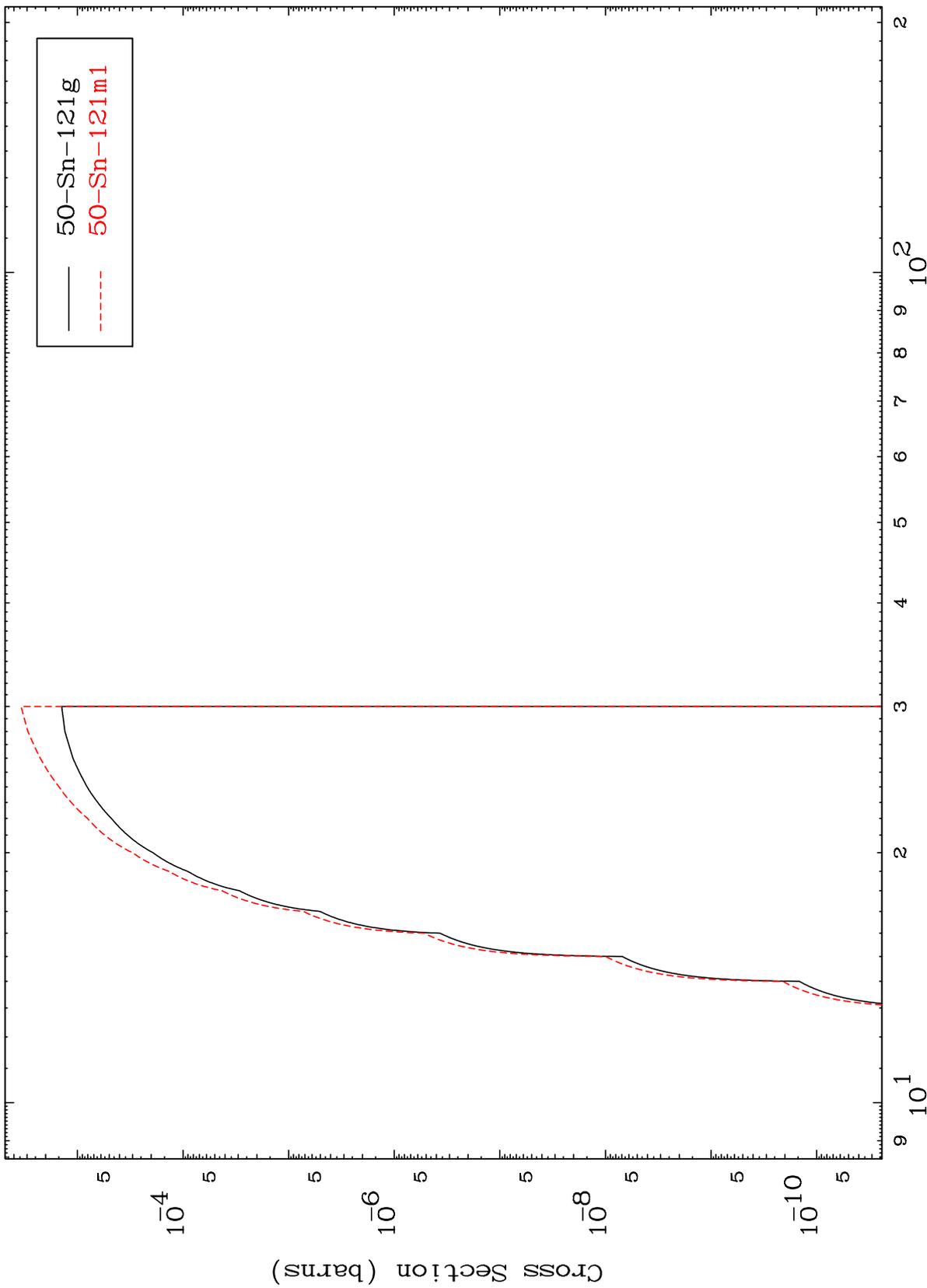


20

MAT 4948

49-In-120n

(n,t)
Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-120n

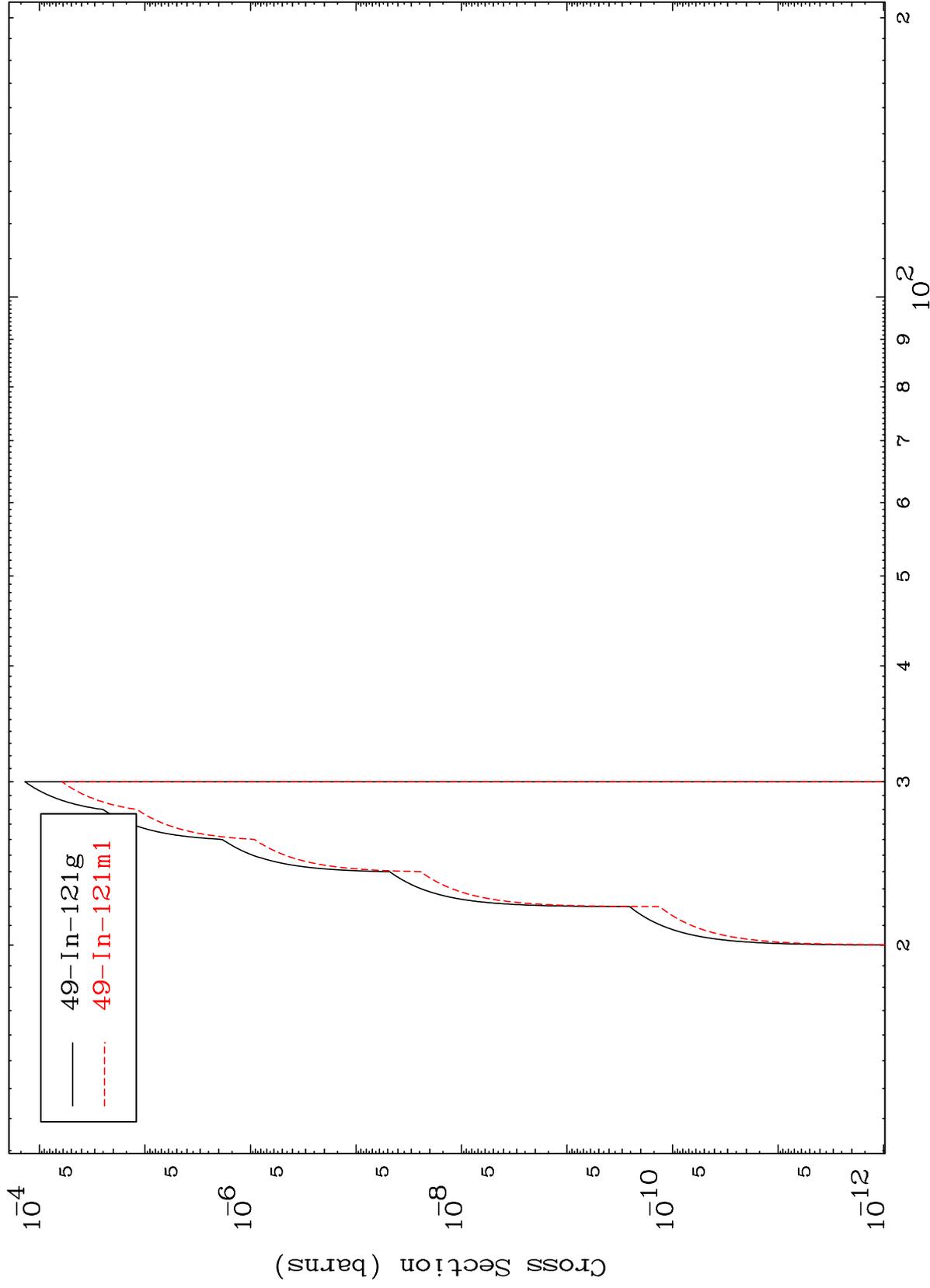
21

MAT 4948

(n,He-3)

49-In-120n

Radionuclide Production Cross Section

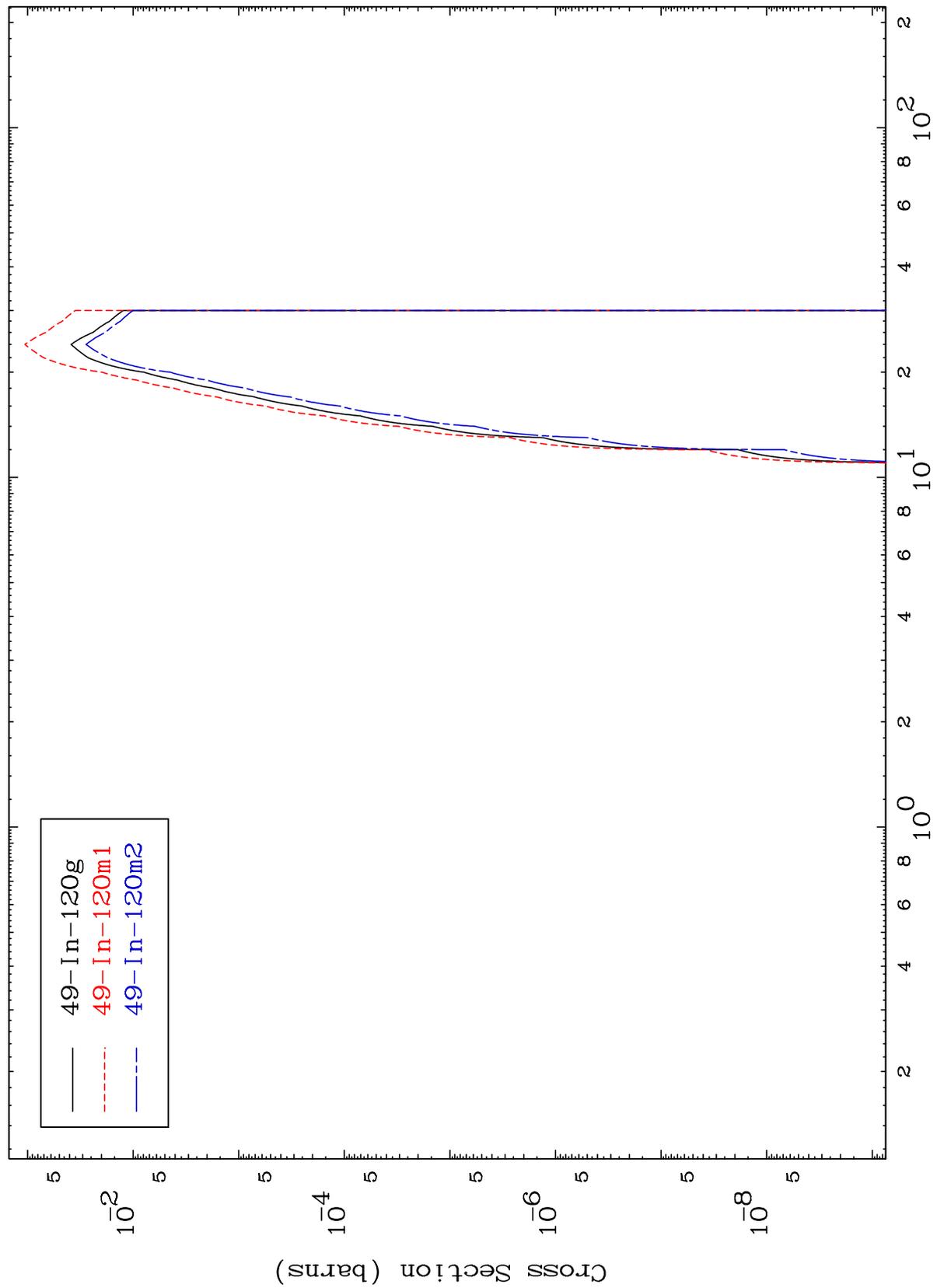


MAT 4948

49-In-120n

(n, α)

Radionuclide Production Cross Section



49-In-120g
49-In-120m1
49-In-120m2

49-In-120n

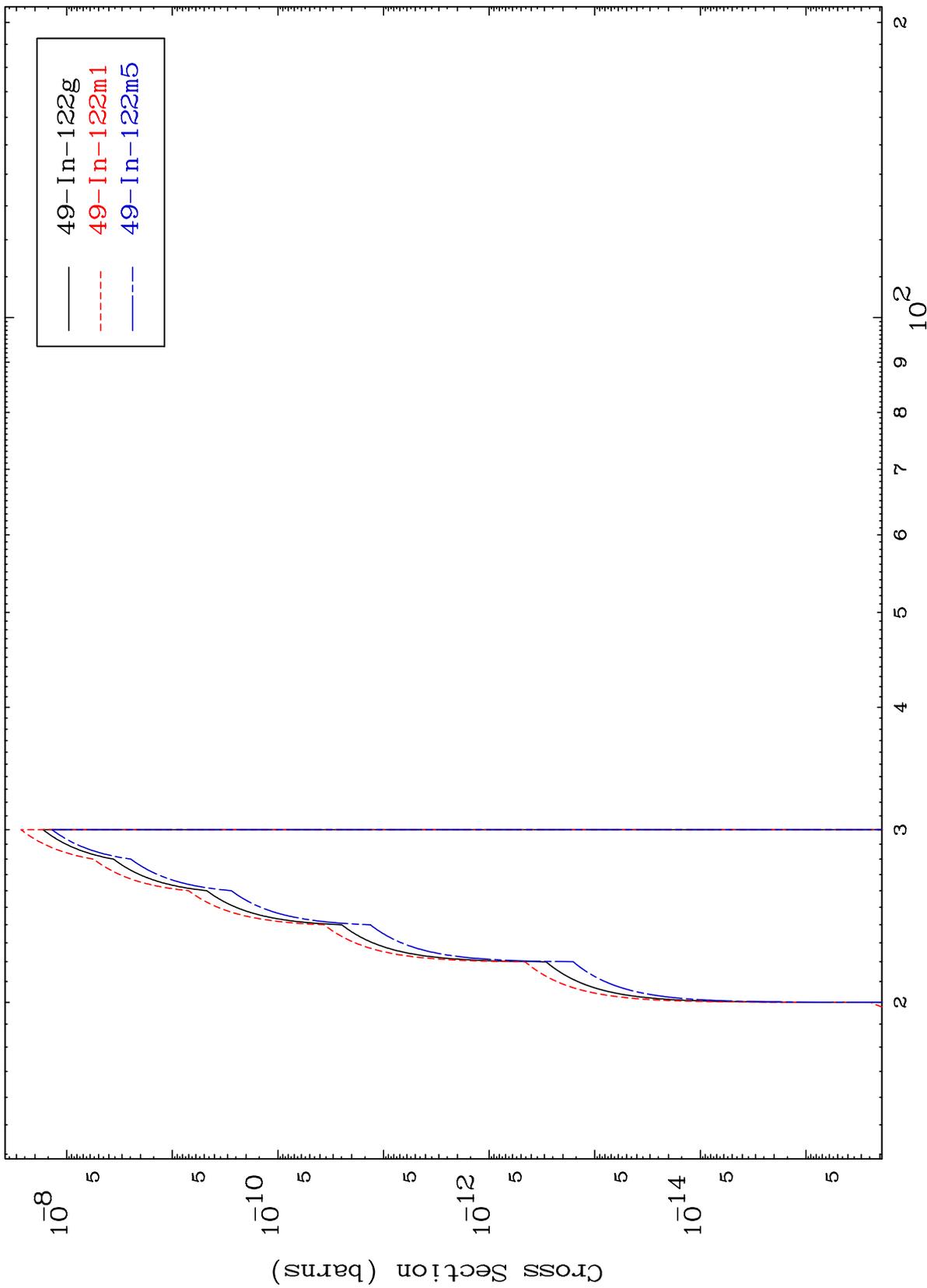
Incident Energy (MeV)

23

MAT 4948

49-In-120n

(n,2p)
Radionuclide Production Cross Section



24

49-In-120n

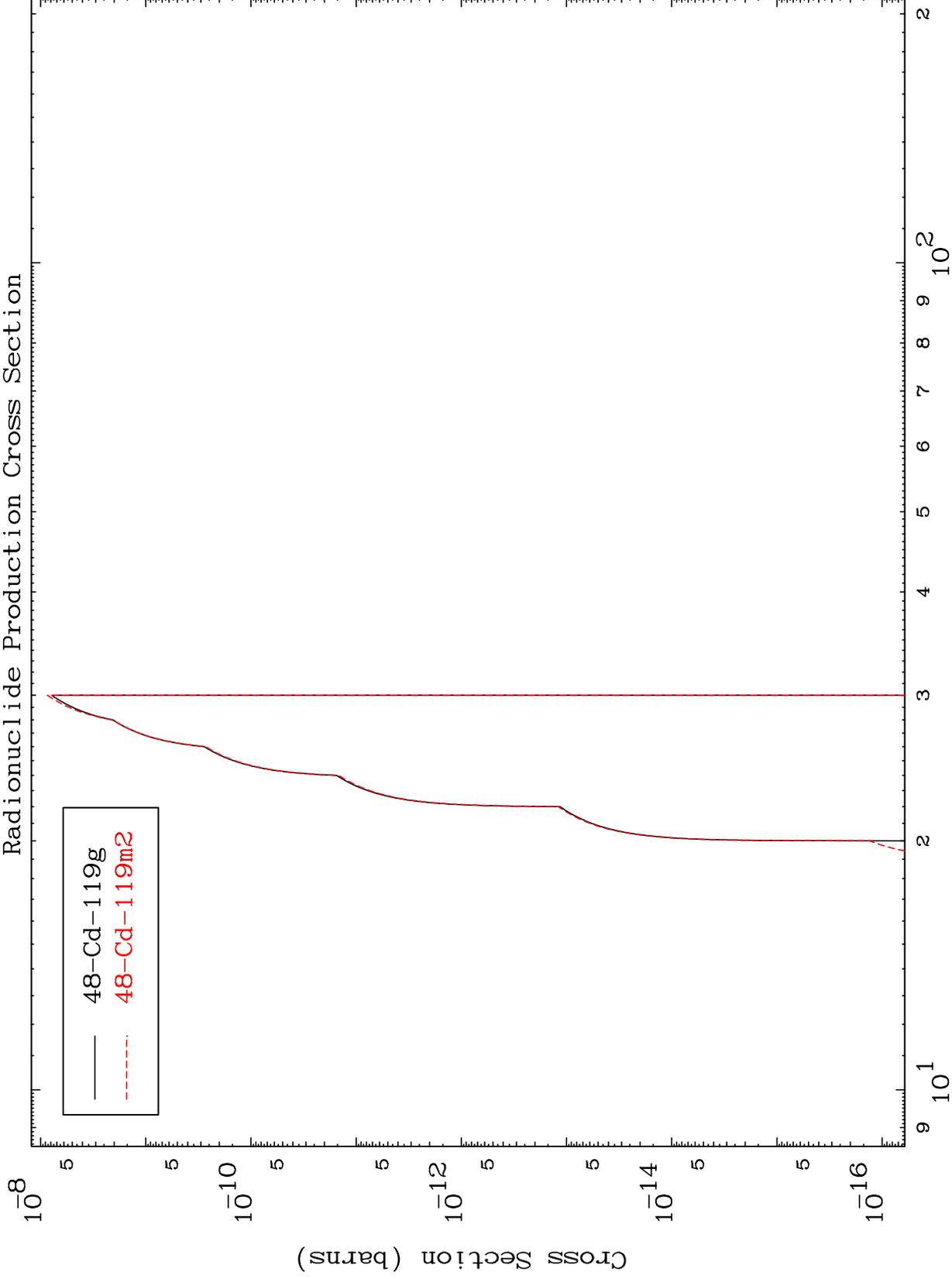
Incident Energy (MeV)

MAT 4948

(n,p) α

49-In-120n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-120n