

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

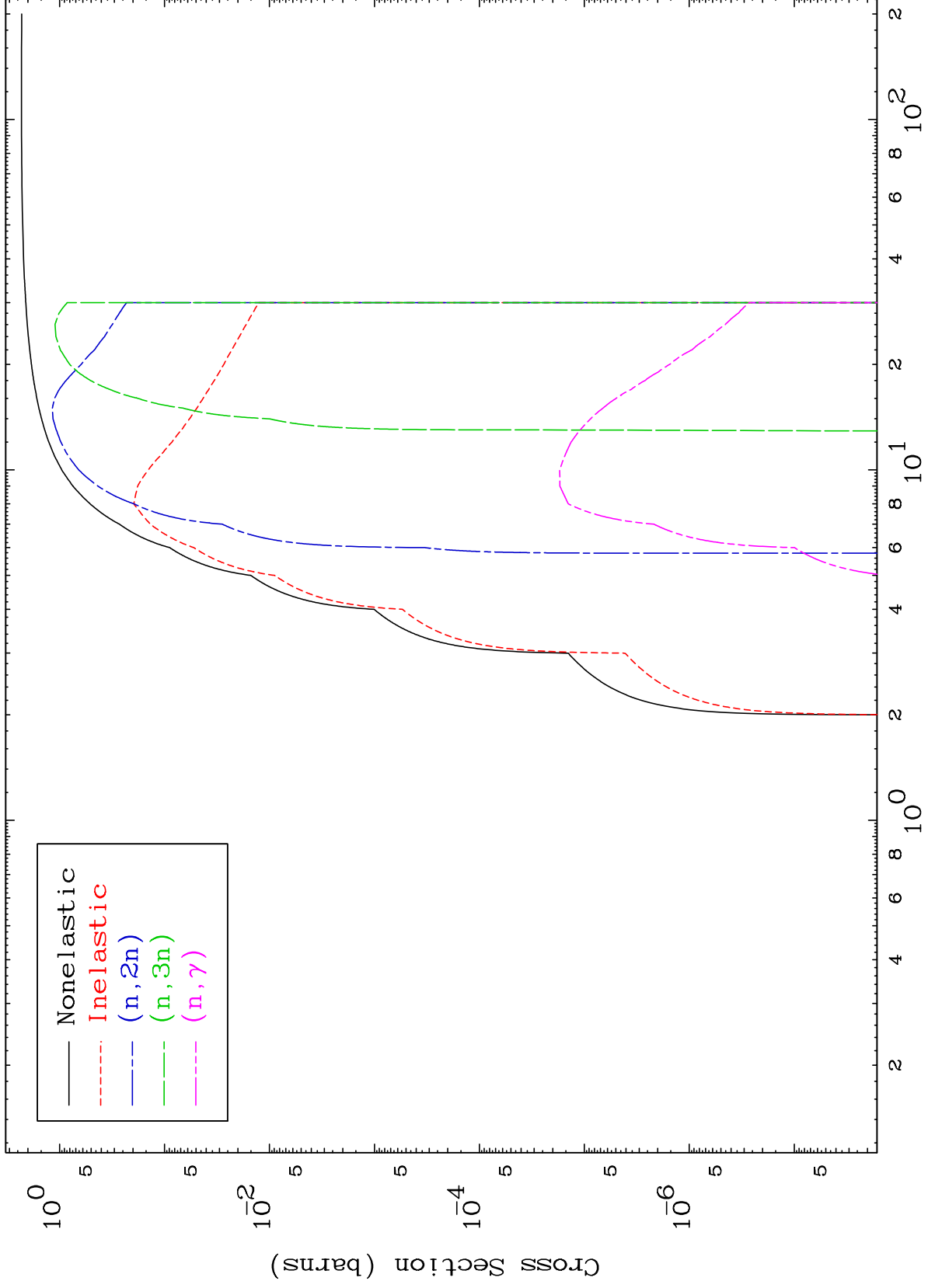
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5049

Deuteron Major
0 Kelvin Cross Sections

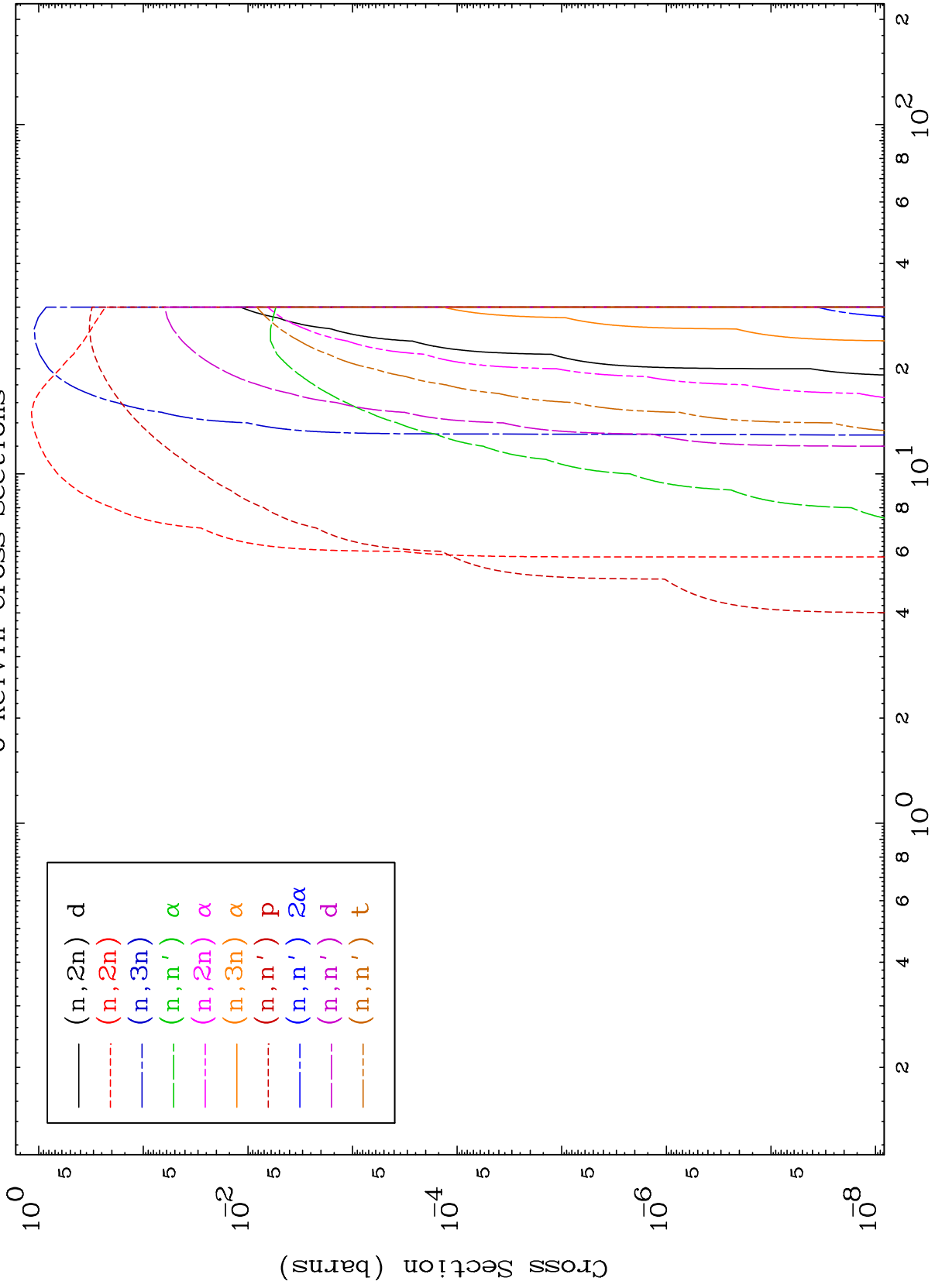
50-Sn-120

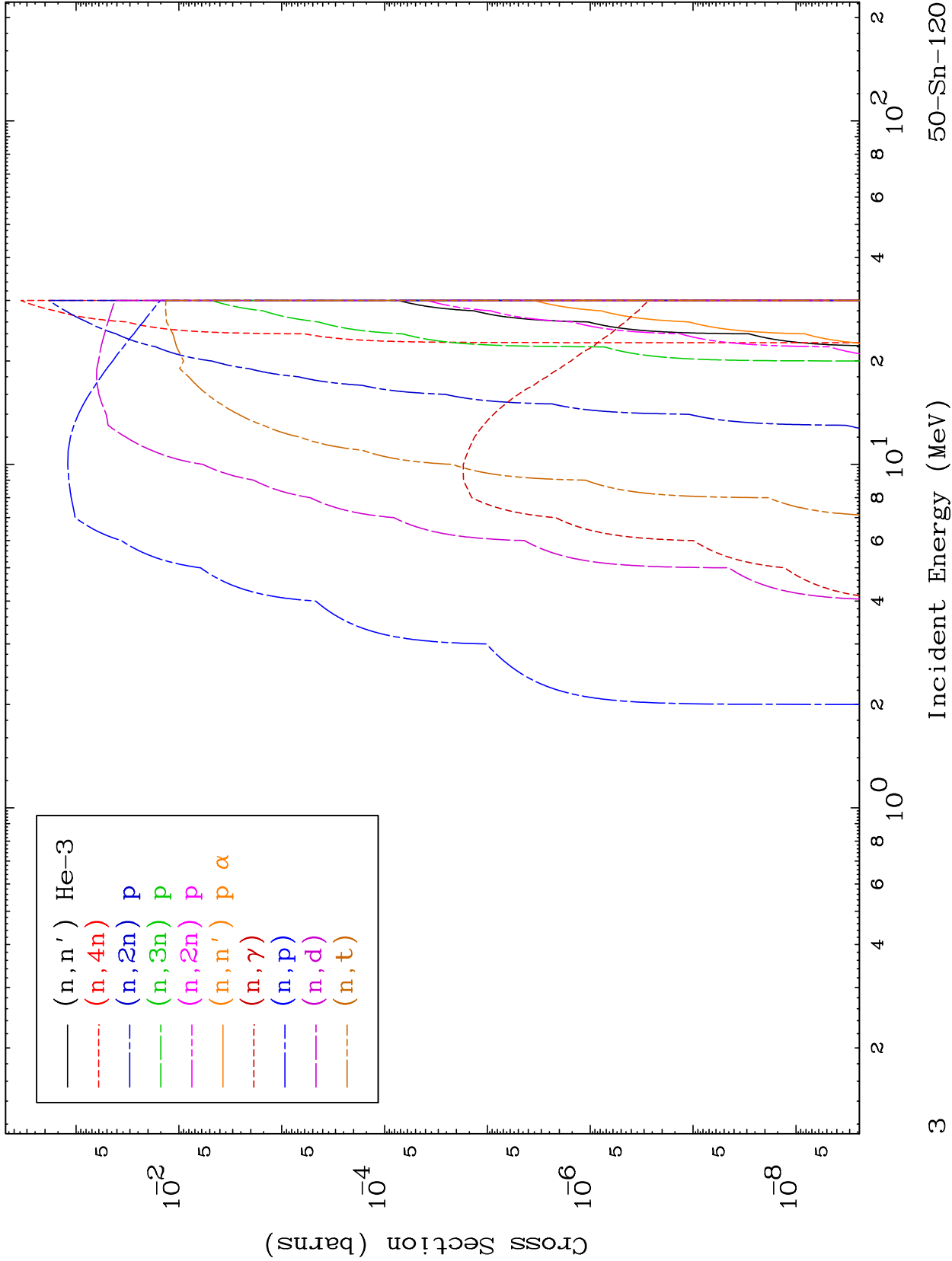


MAT 5049

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-120

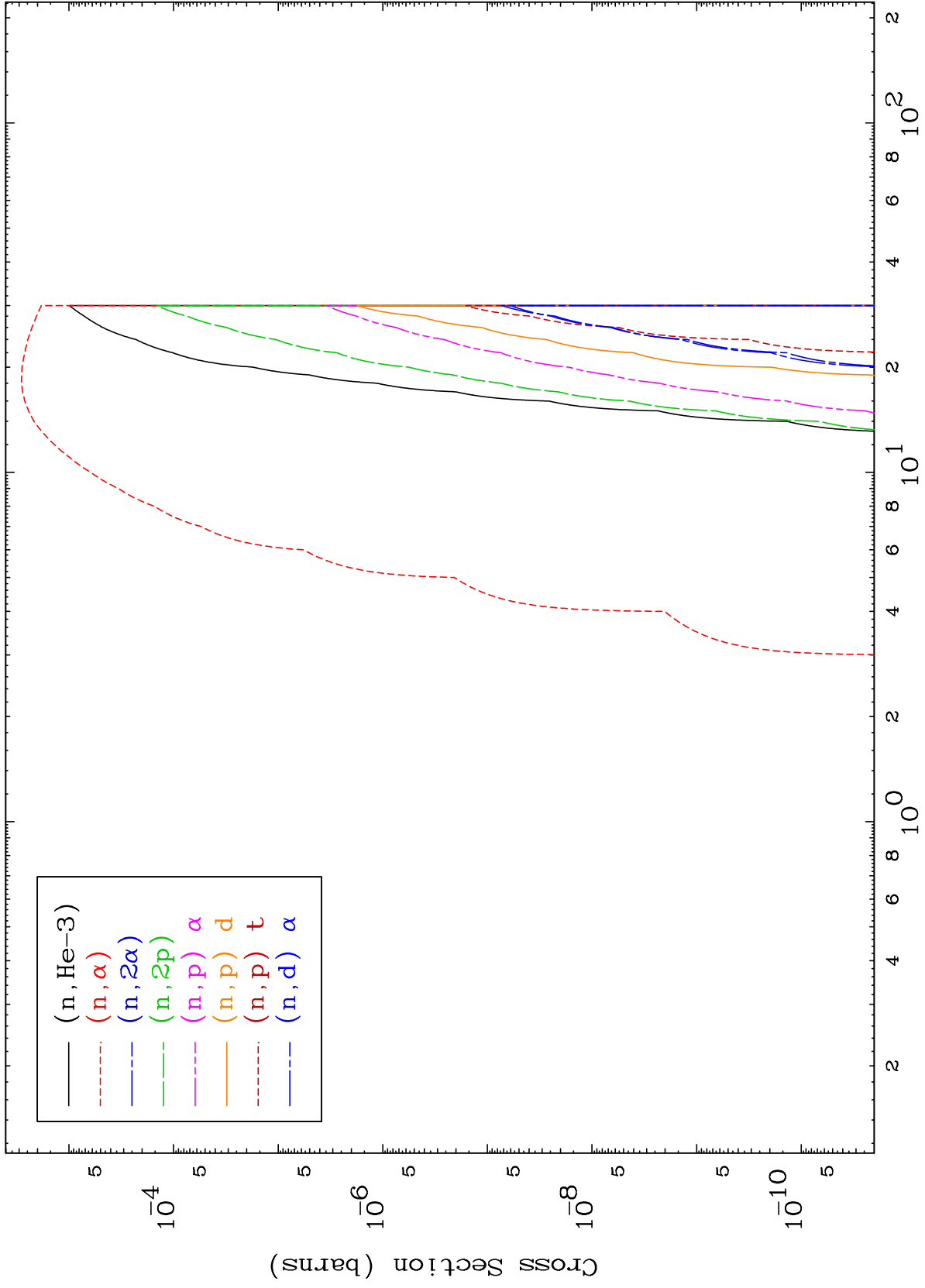


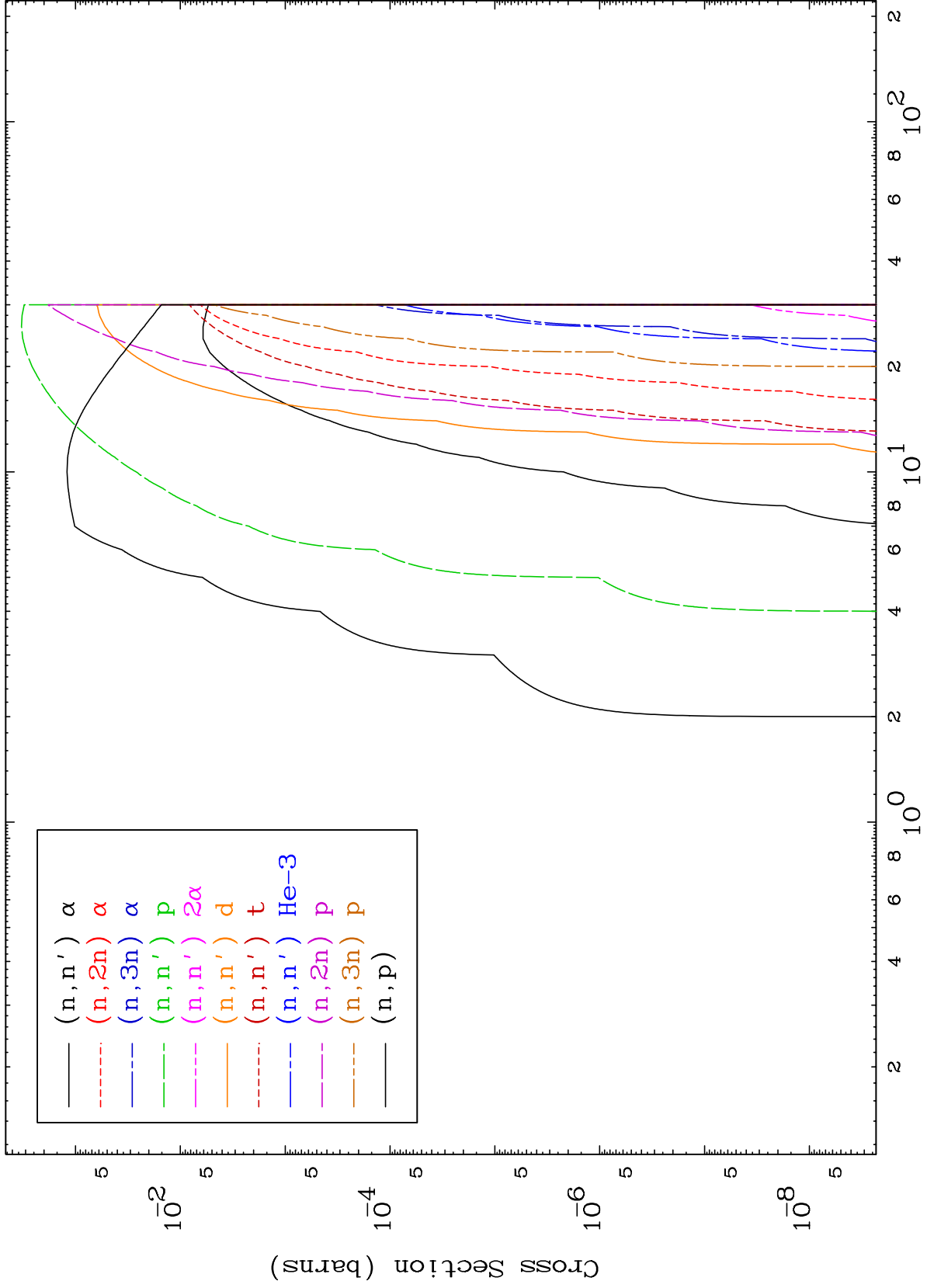


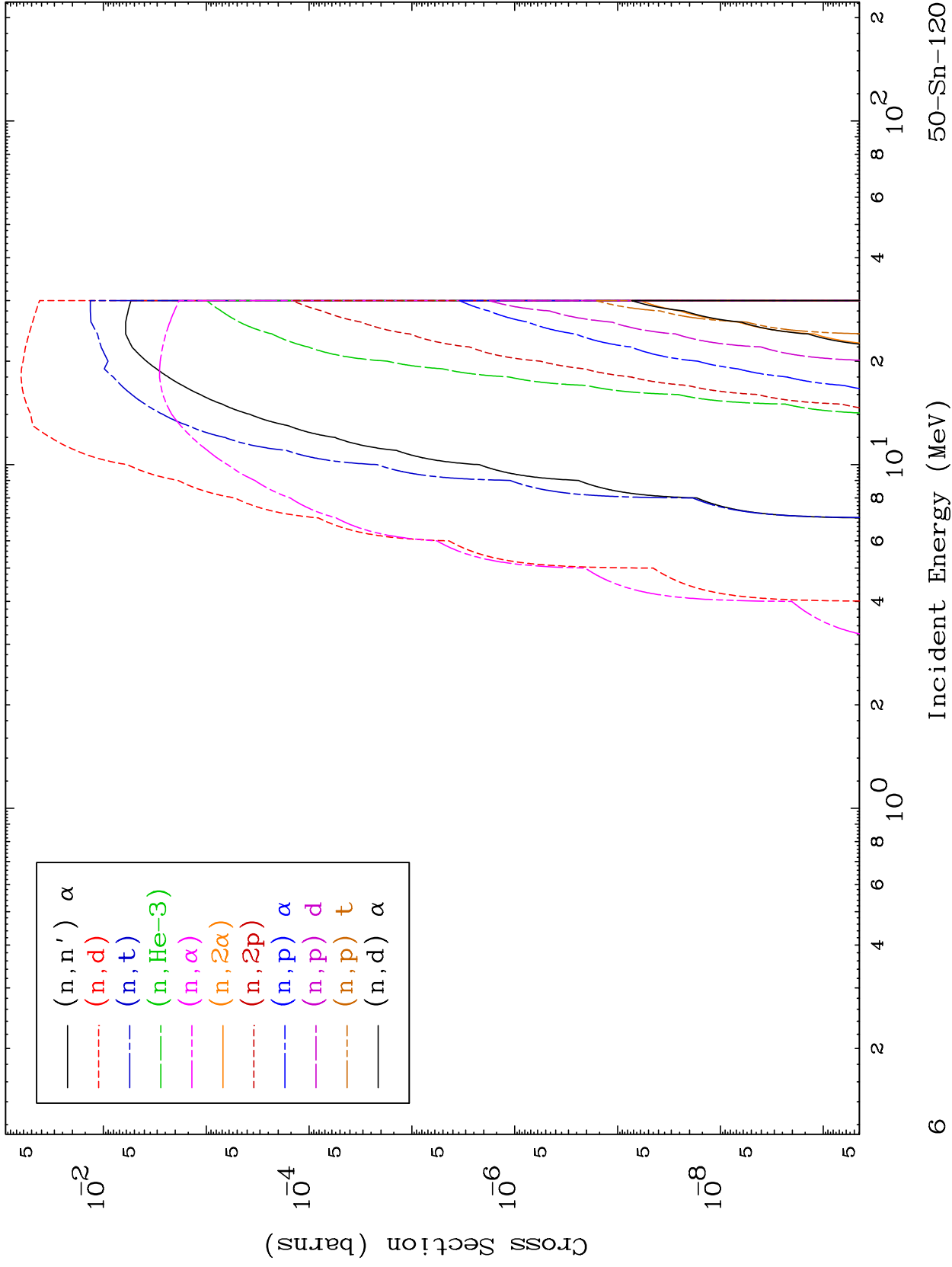
MAT 5049

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-120





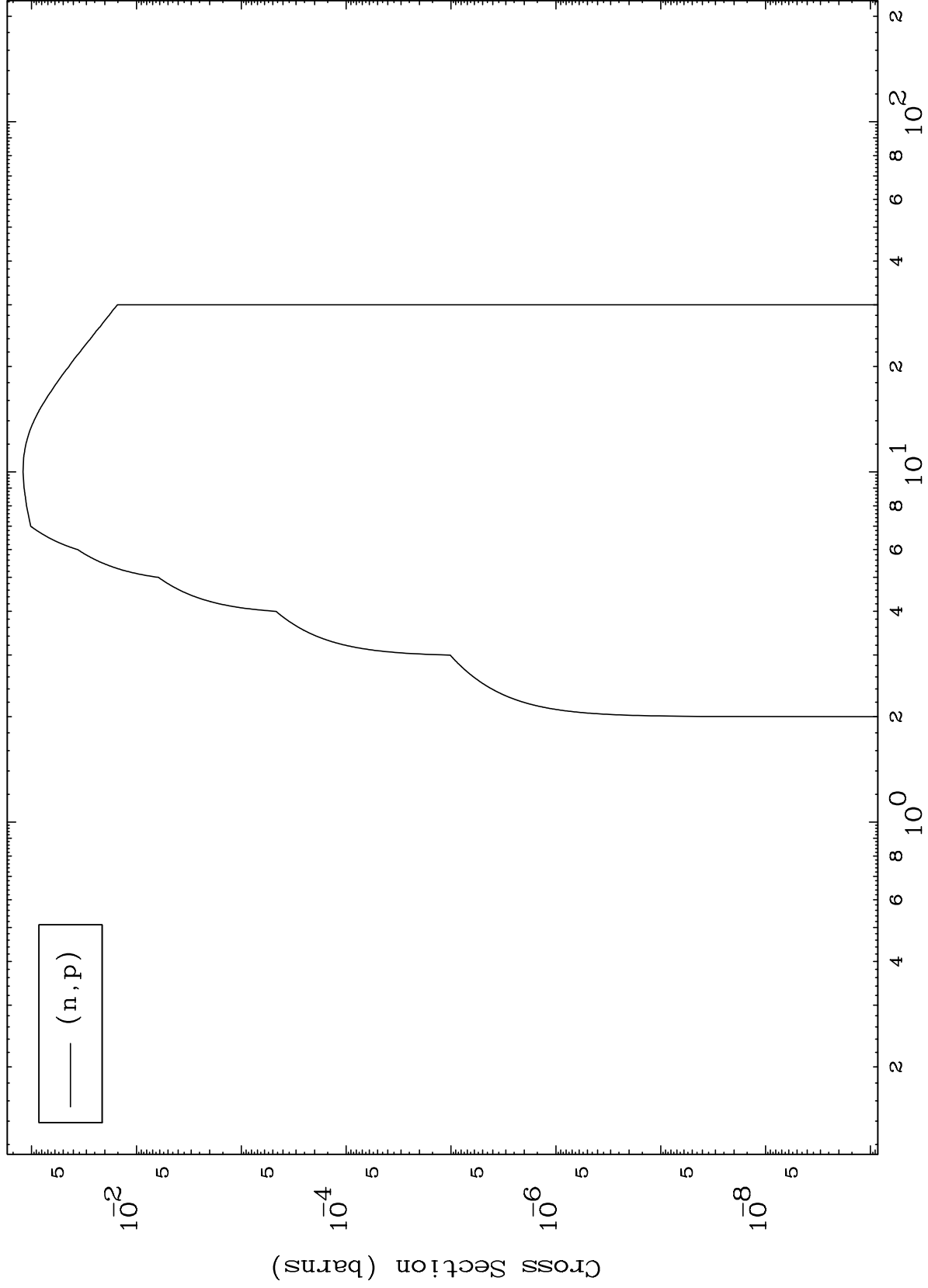


MAT 5049

(d,p) Levels

50-Sn-120

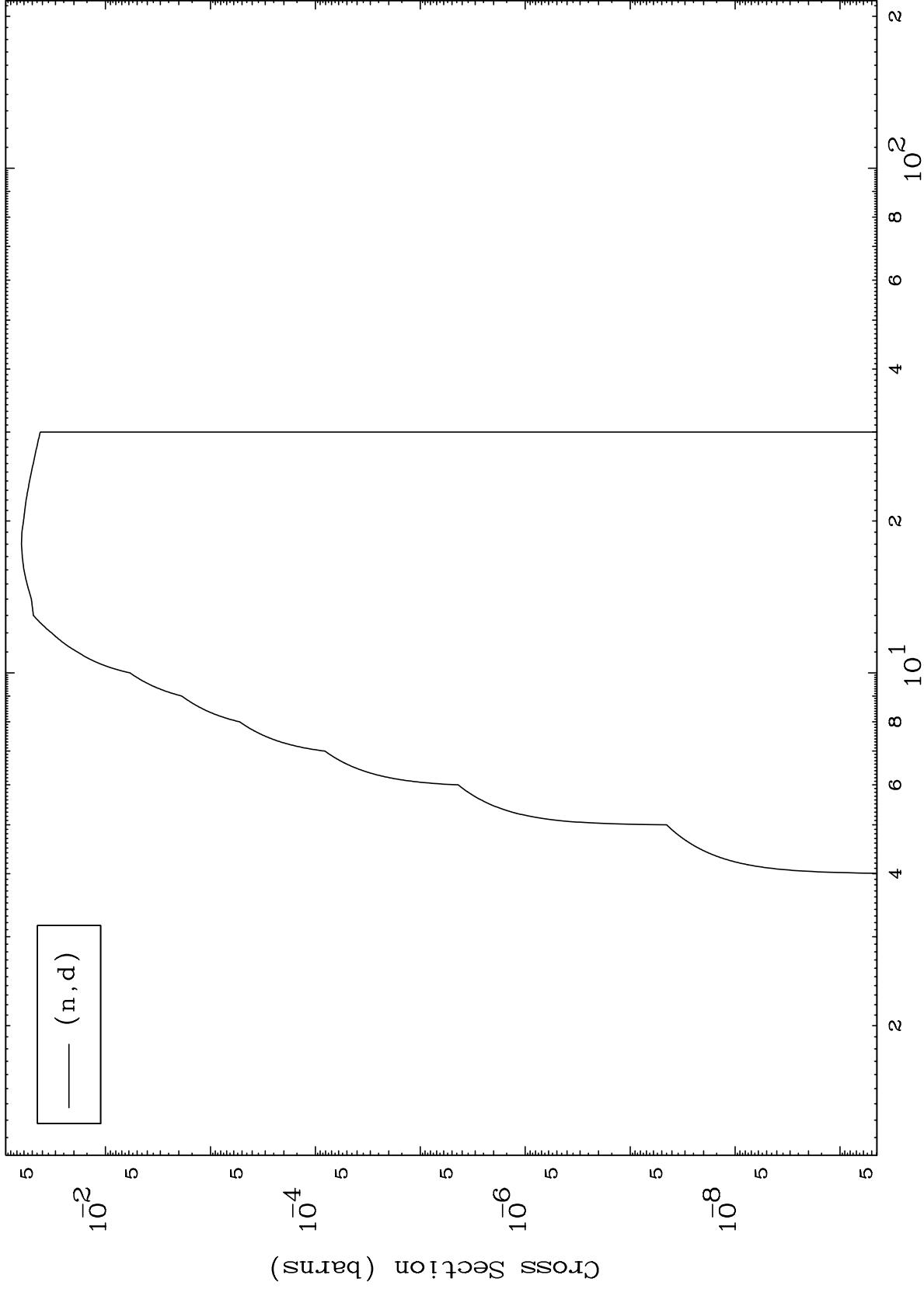
0 Kelvin Cross Sections



MAT 5049

(d,d) Levels
0 Kelvin Cross Sections

50-Sn-120



8

Incident Energy (MeV)

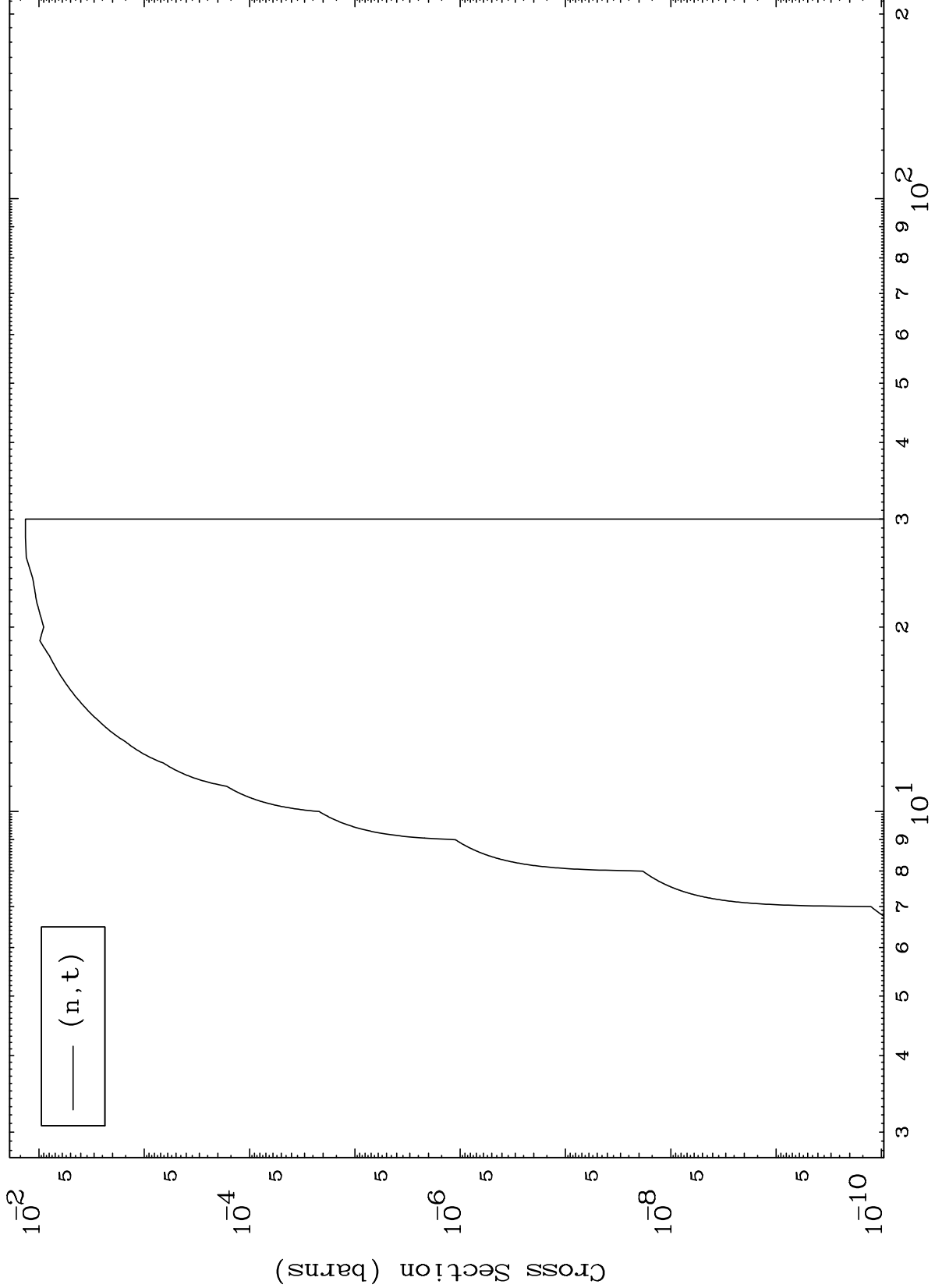
50-Sn-120

MAT 5049

(d,t) Levels

50-Sn-120

0 Kelvin Cross Sections



9

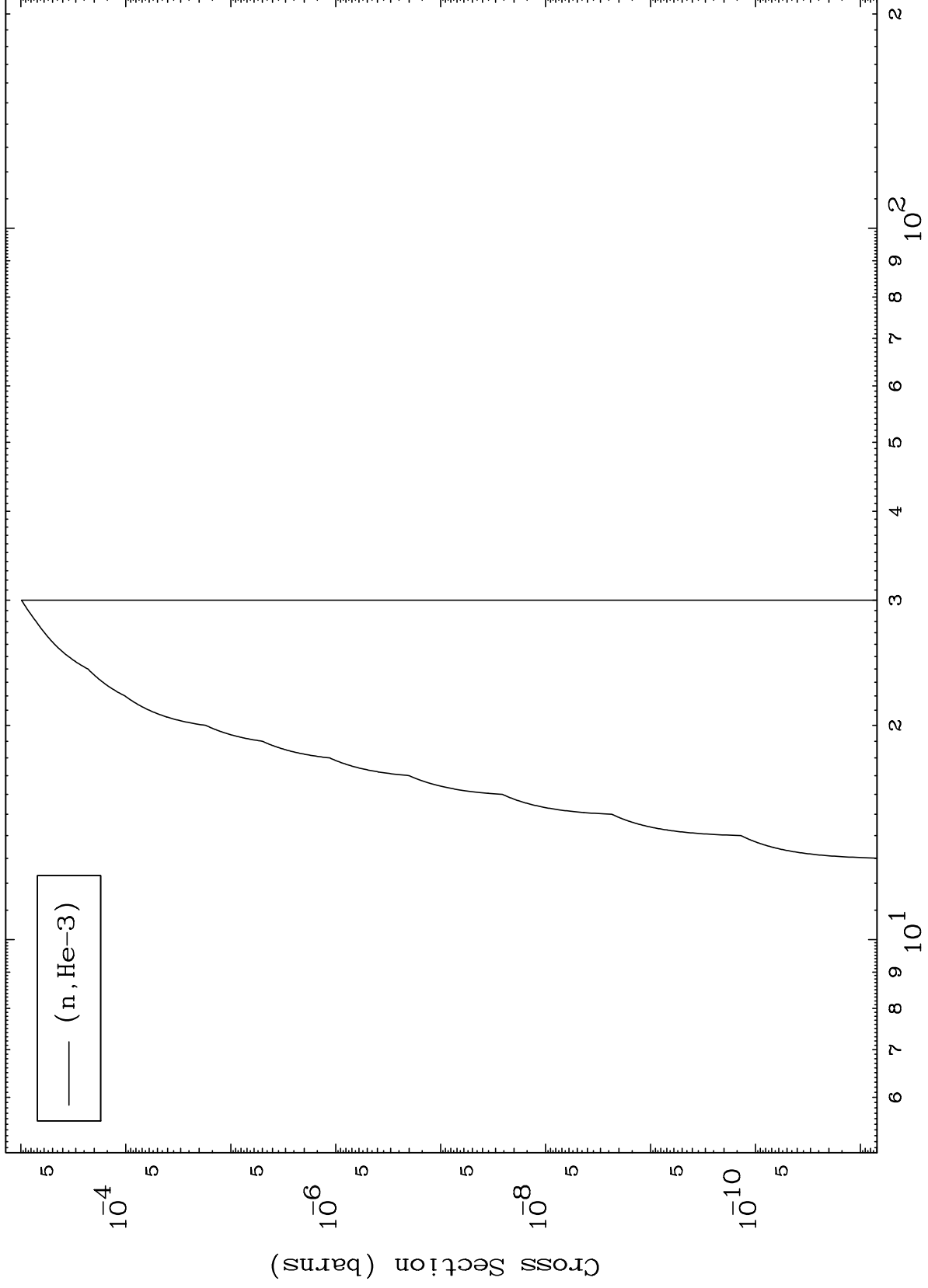
Incident Energy (MeV)

50-Sn-120

MAT 5049

(d,He3) Levels
0 Kelvin Cross Sections

50-Sn-120



10

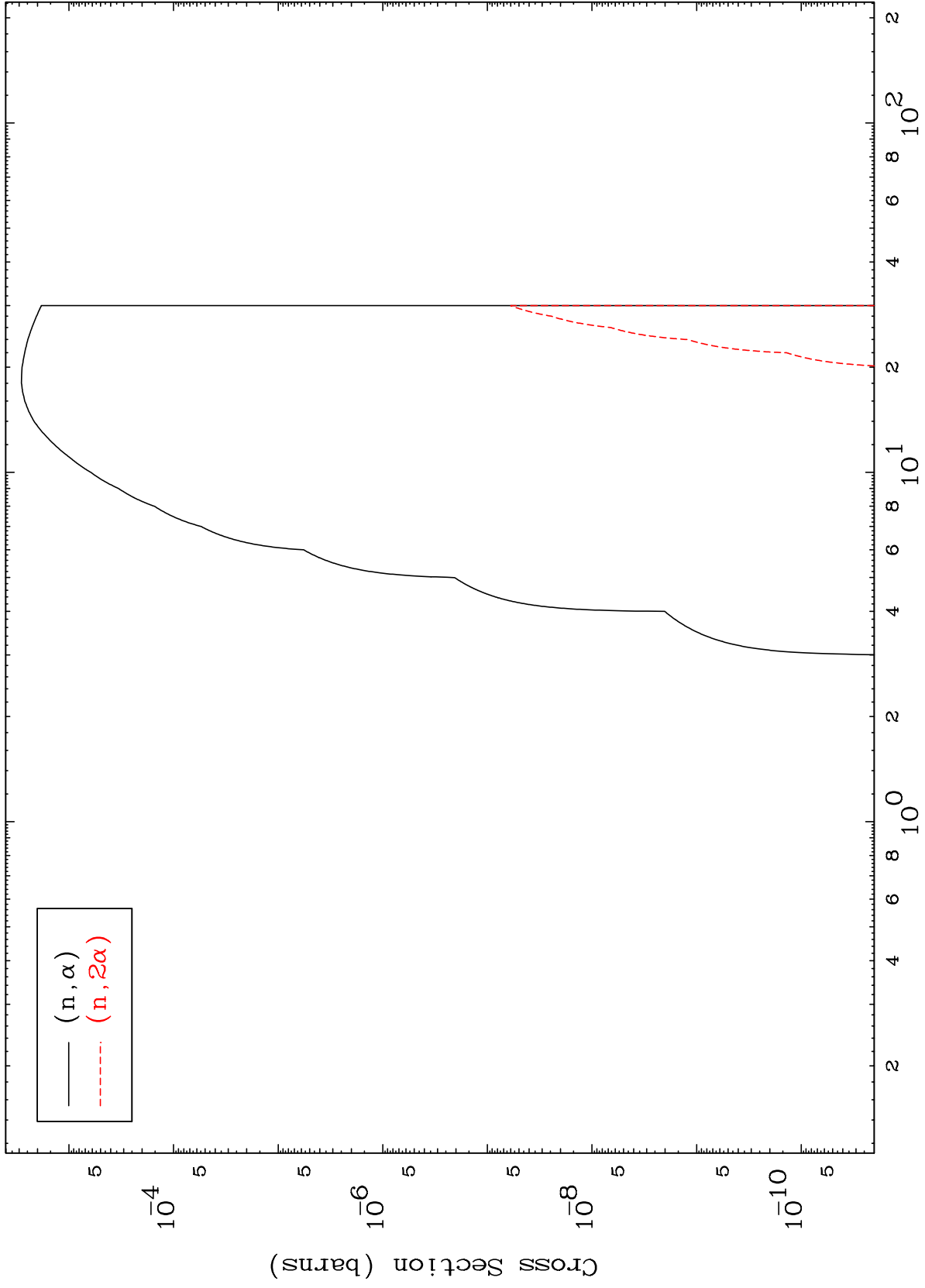
Incident Energy (MeV)

50-Sn-120

MAT 5049

(d, α) Levels
0 Kelvin Cross Sections

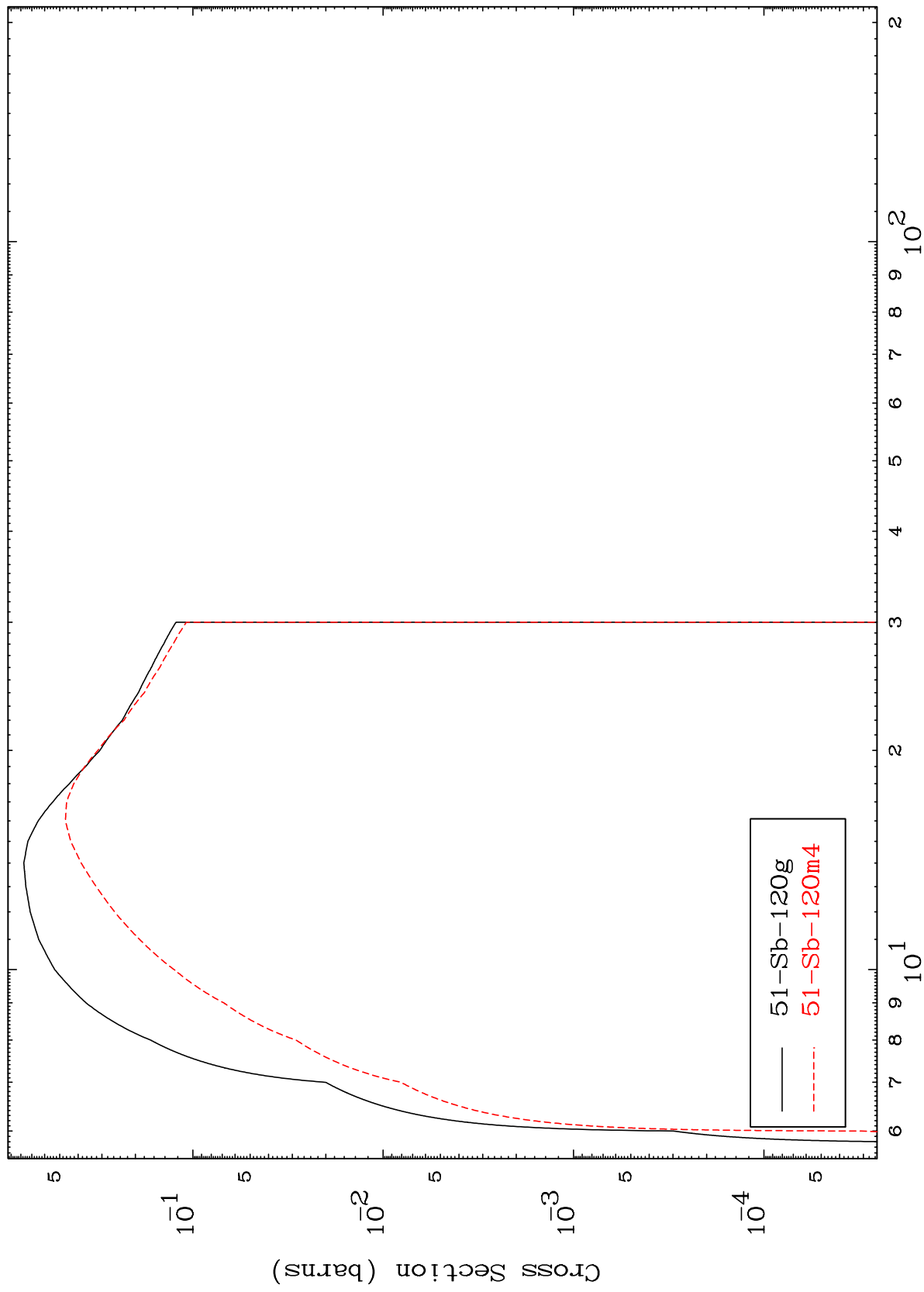
50-Sn-120



MAT 5049

50-Sn-120

(n,2n)
Radionuclide Production Cross Section



50-Sn-120

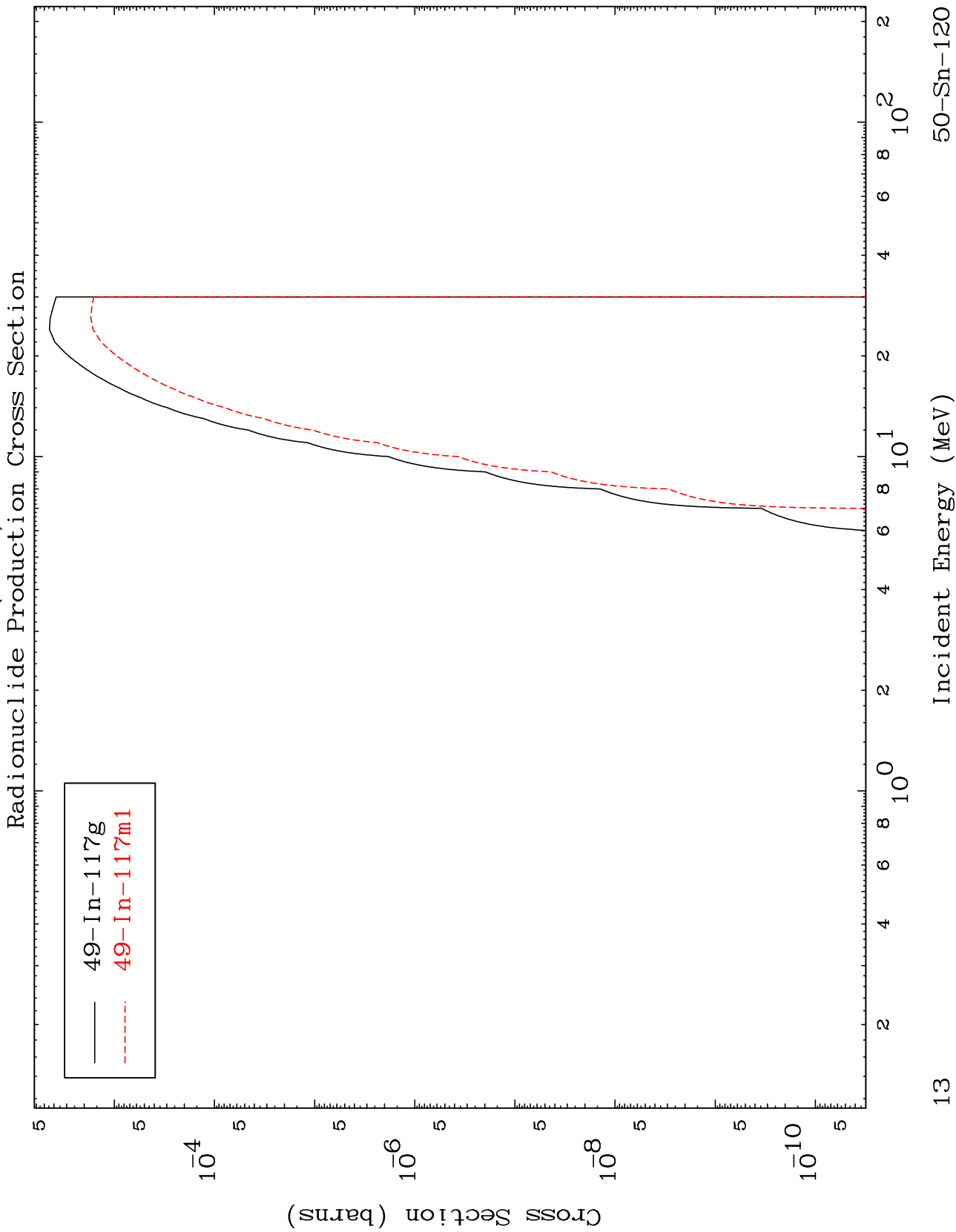
Incident Energy (MeV)

12

MAT 5049

$(n, n') \alpha$

50-Sn-120

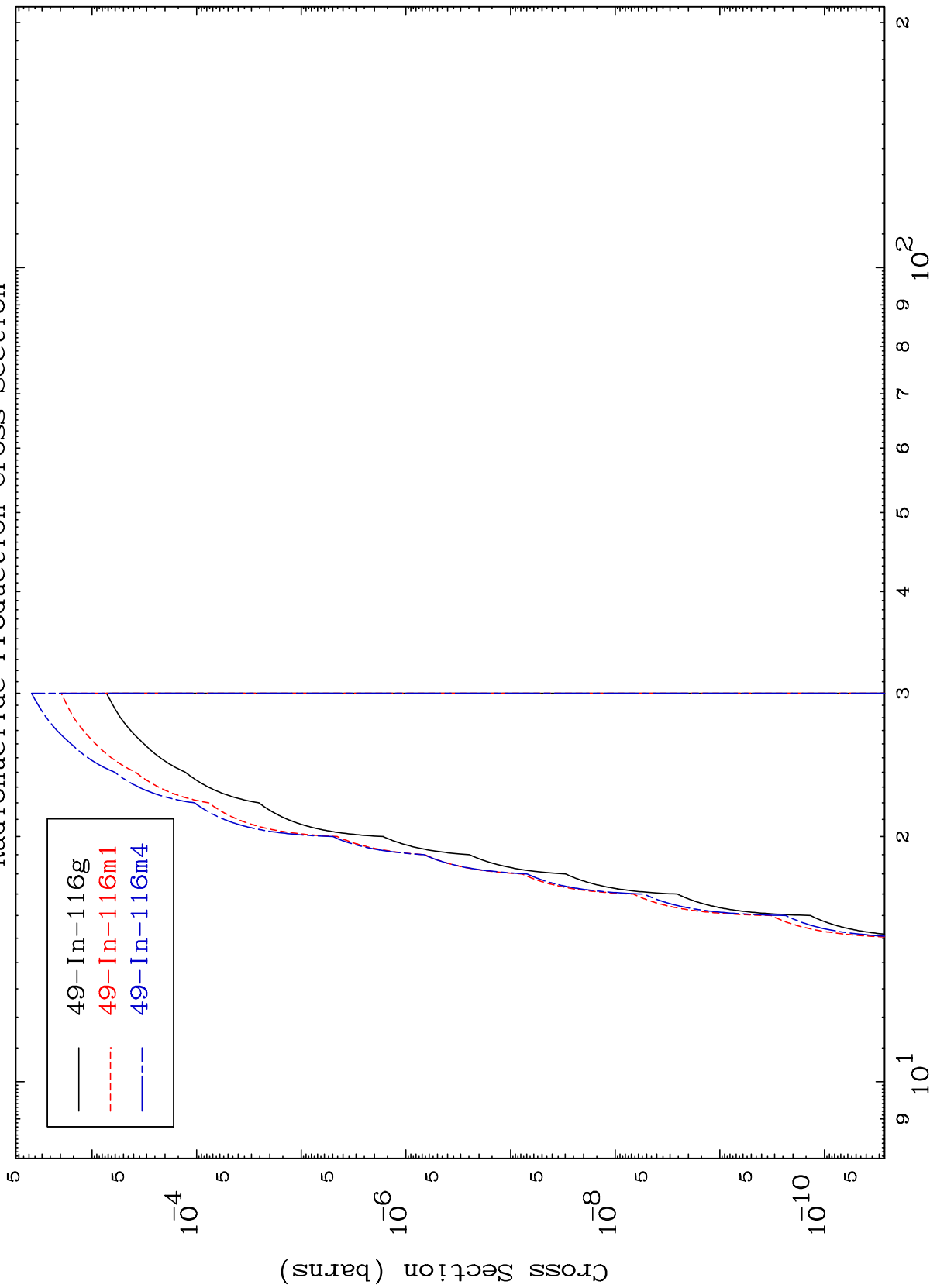


MAT 5049

50-Sn-120

(n,2n) α

Radionuclide Production Cross Section



14

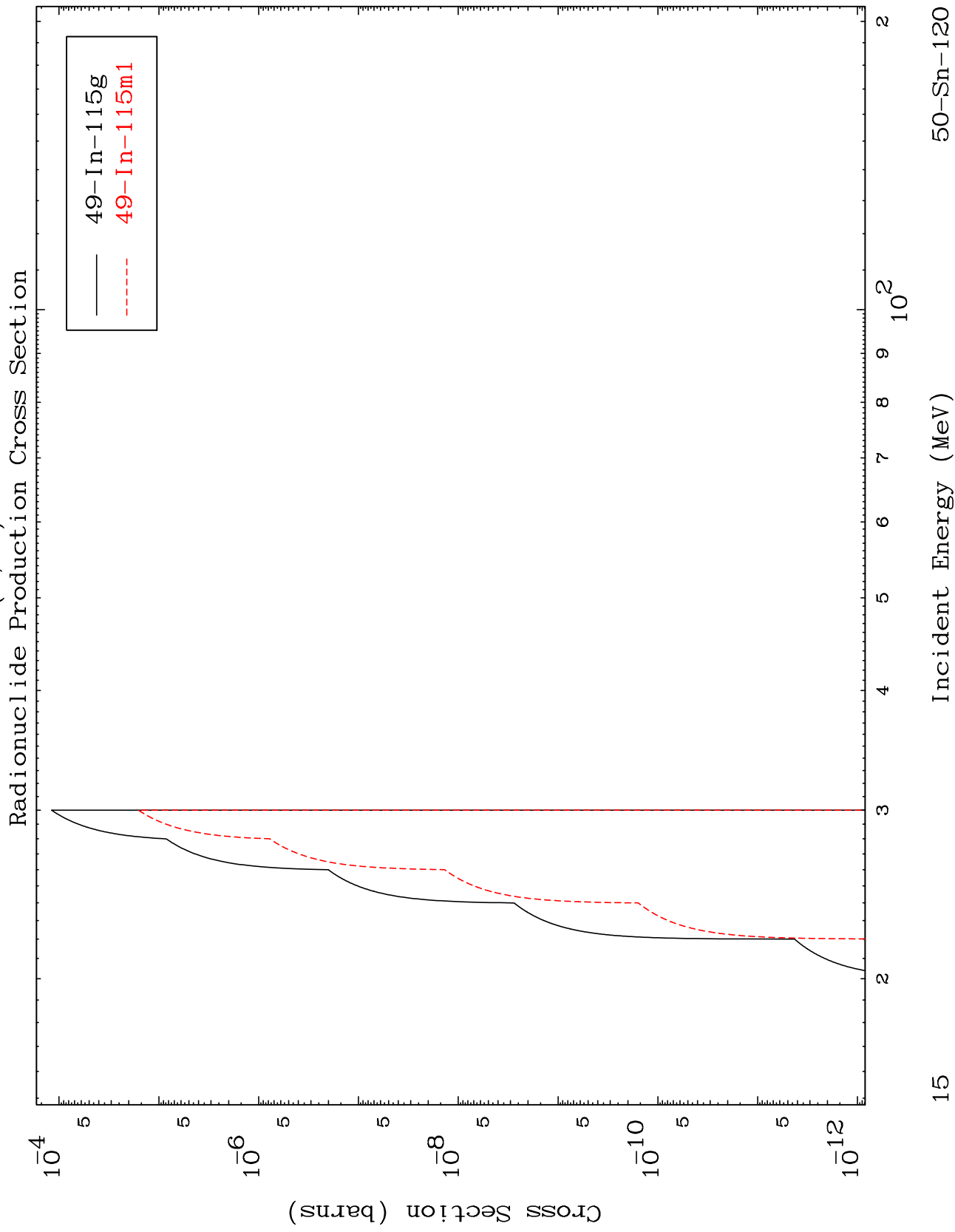
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,3n) α

50-Sn-120



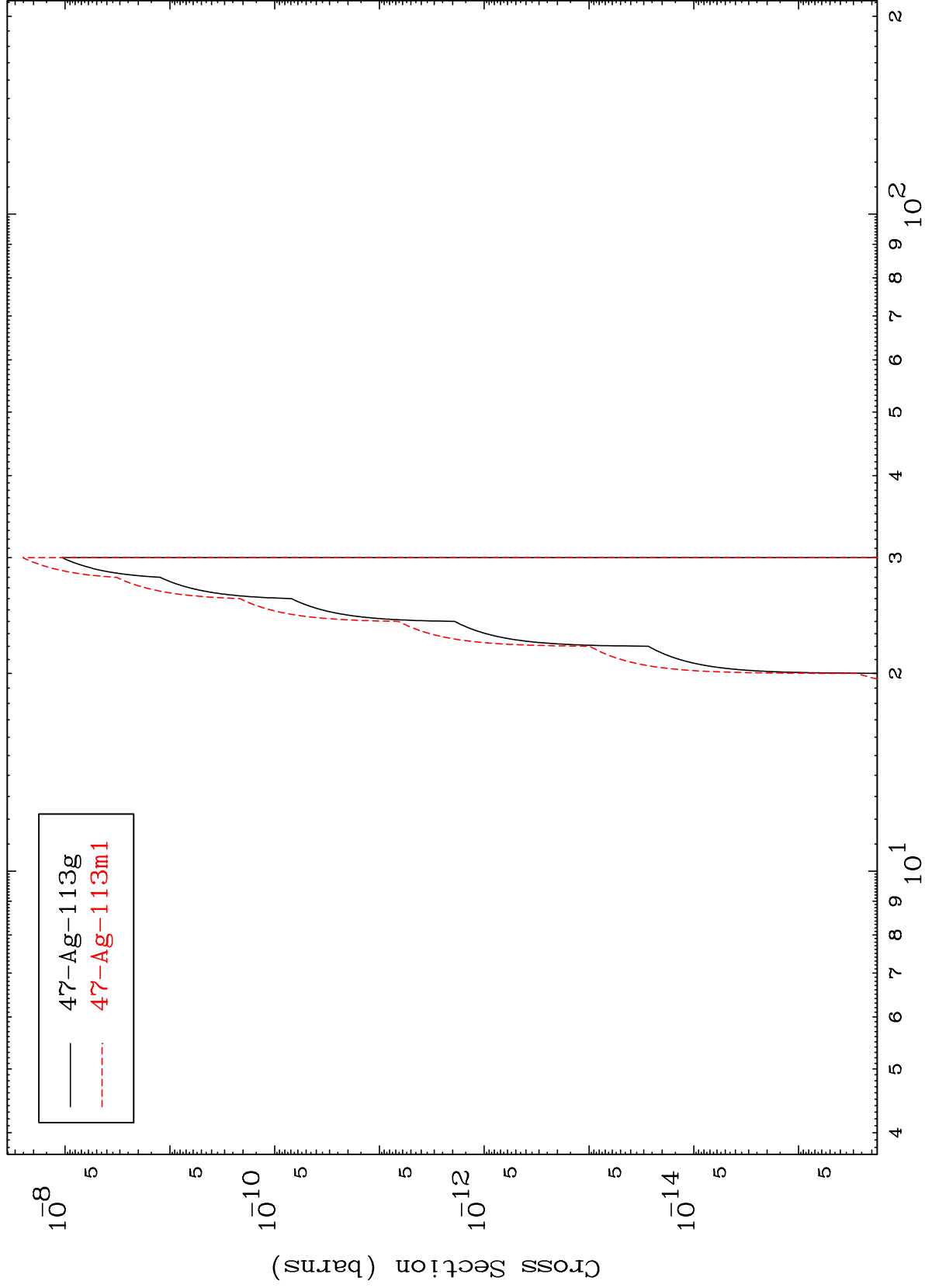
15

MAT 5049

(n,n') 2 α

50-Sn-120

Radionuclide Production Cross Section



16

Incident Energy (MeV)

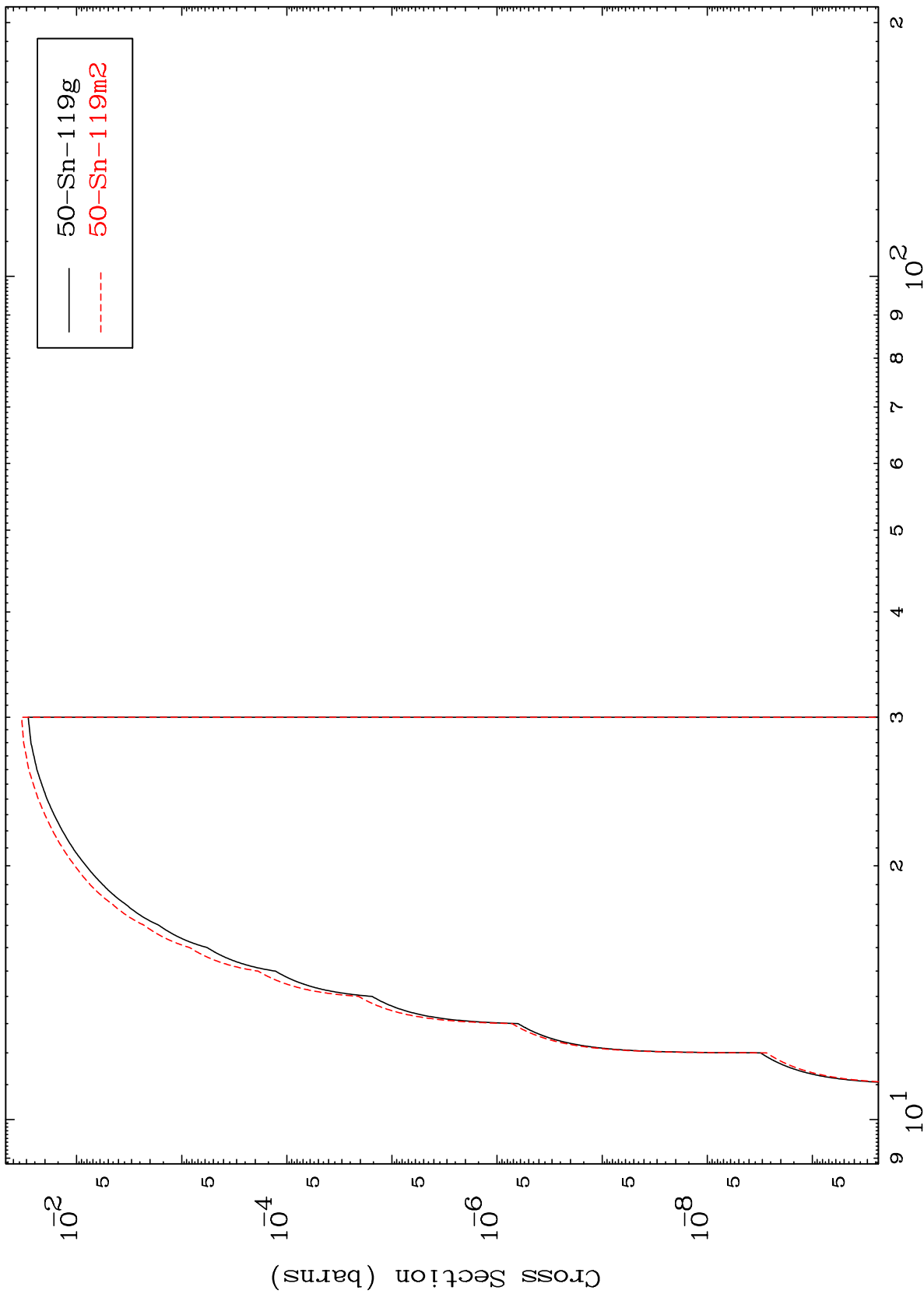
50-Sn-120

MAT 5049

(n,n') d

50-Sn-120

Radionuclide Production Cross Section



17

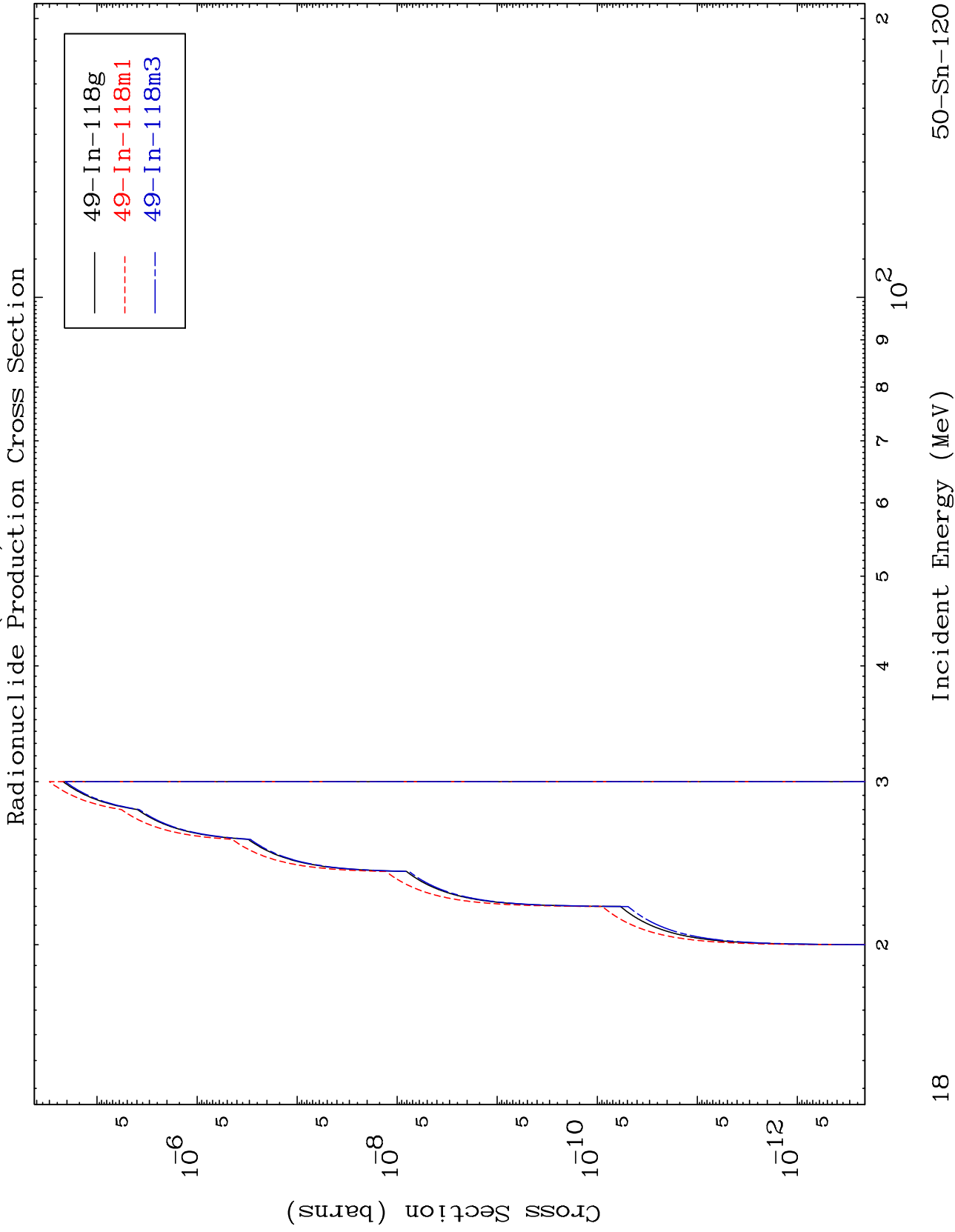
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,n') He-3

50-Sn-120



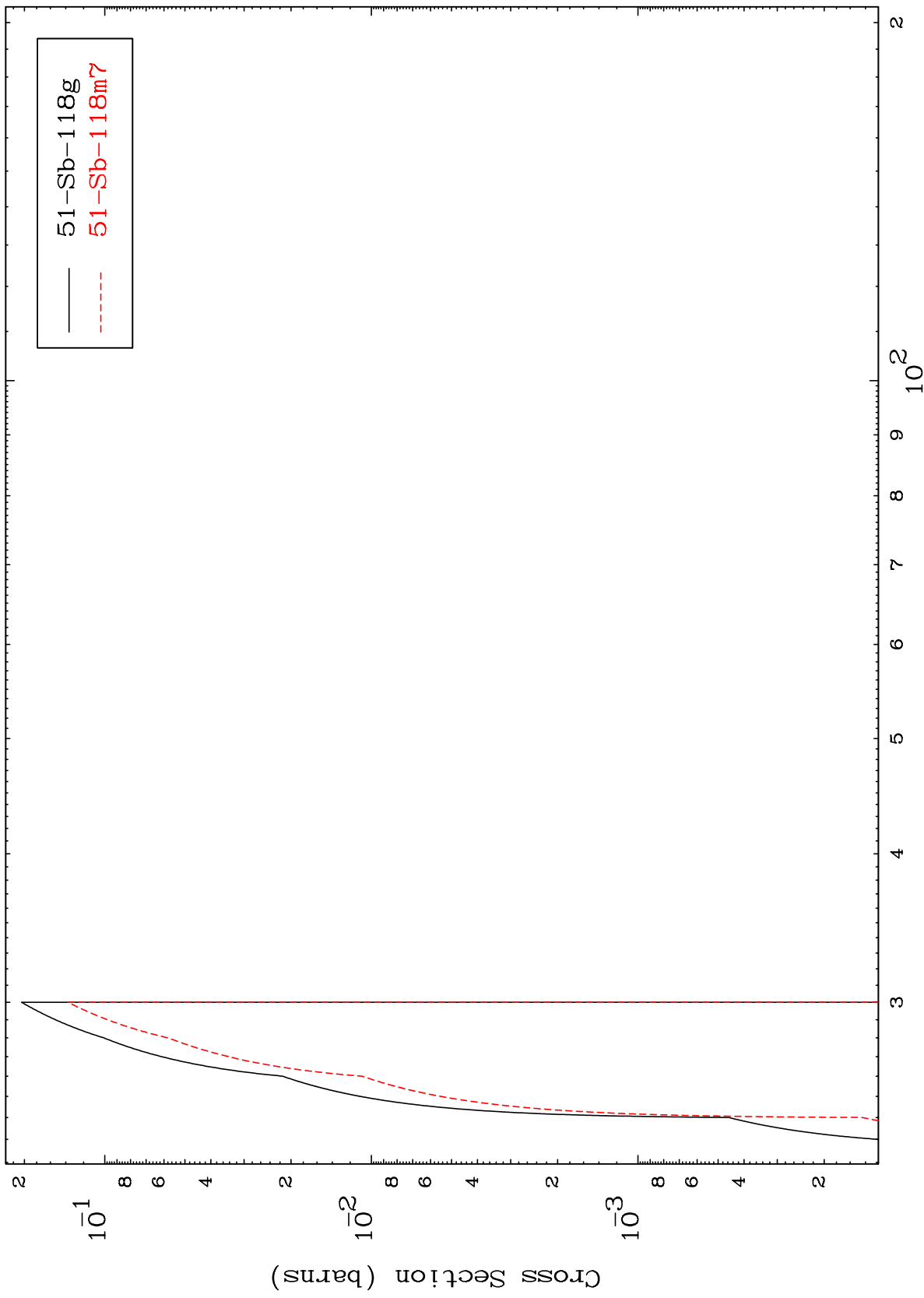
18

50-Sn-120

MAT 5049

50-Sn-120

(n,4n)
Radionuclide Production Cross Section



19

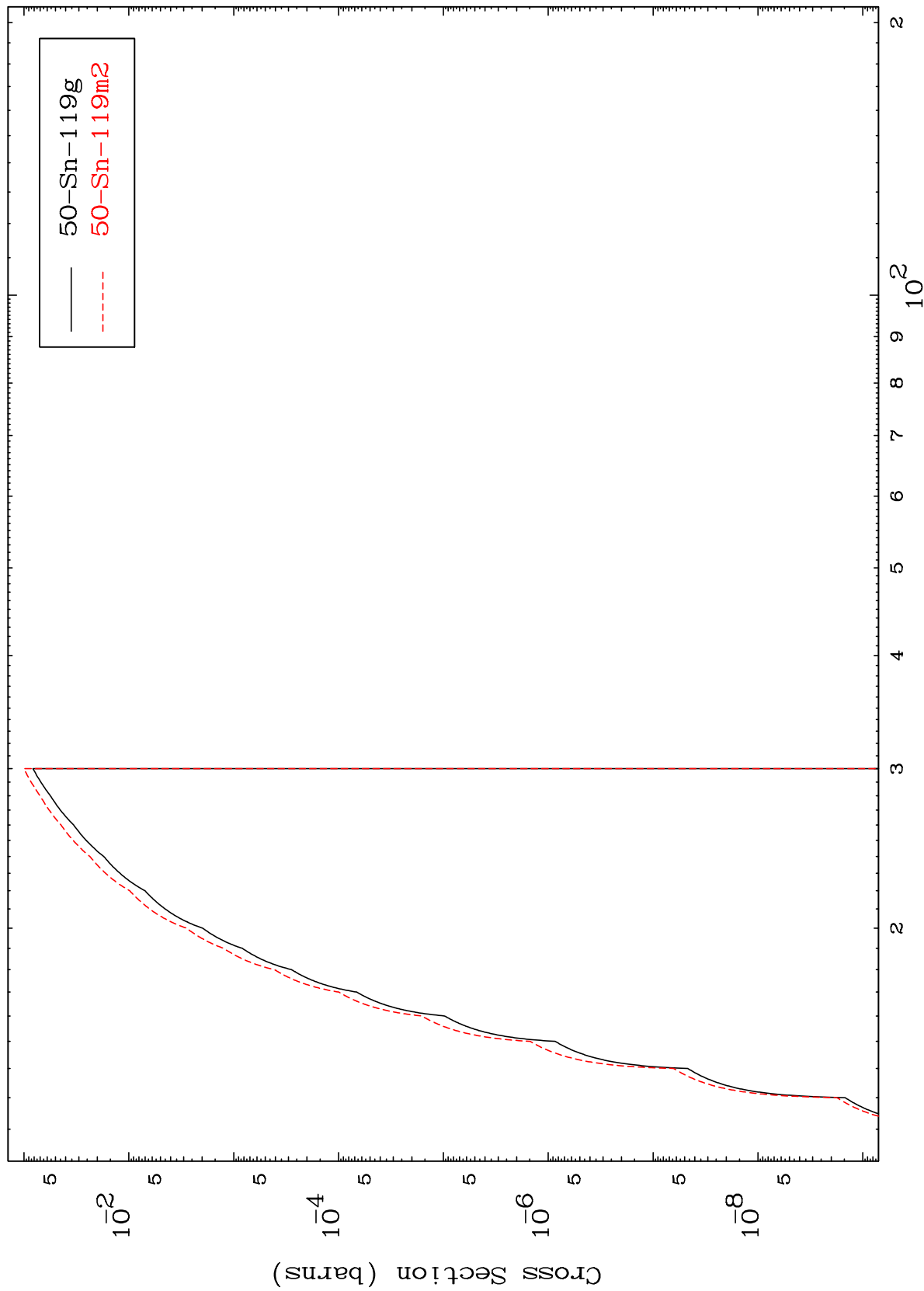
50-Sn-120

Incident Energy (MeV)

MAT 5049

50-Sn-120

(n,2n) p
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

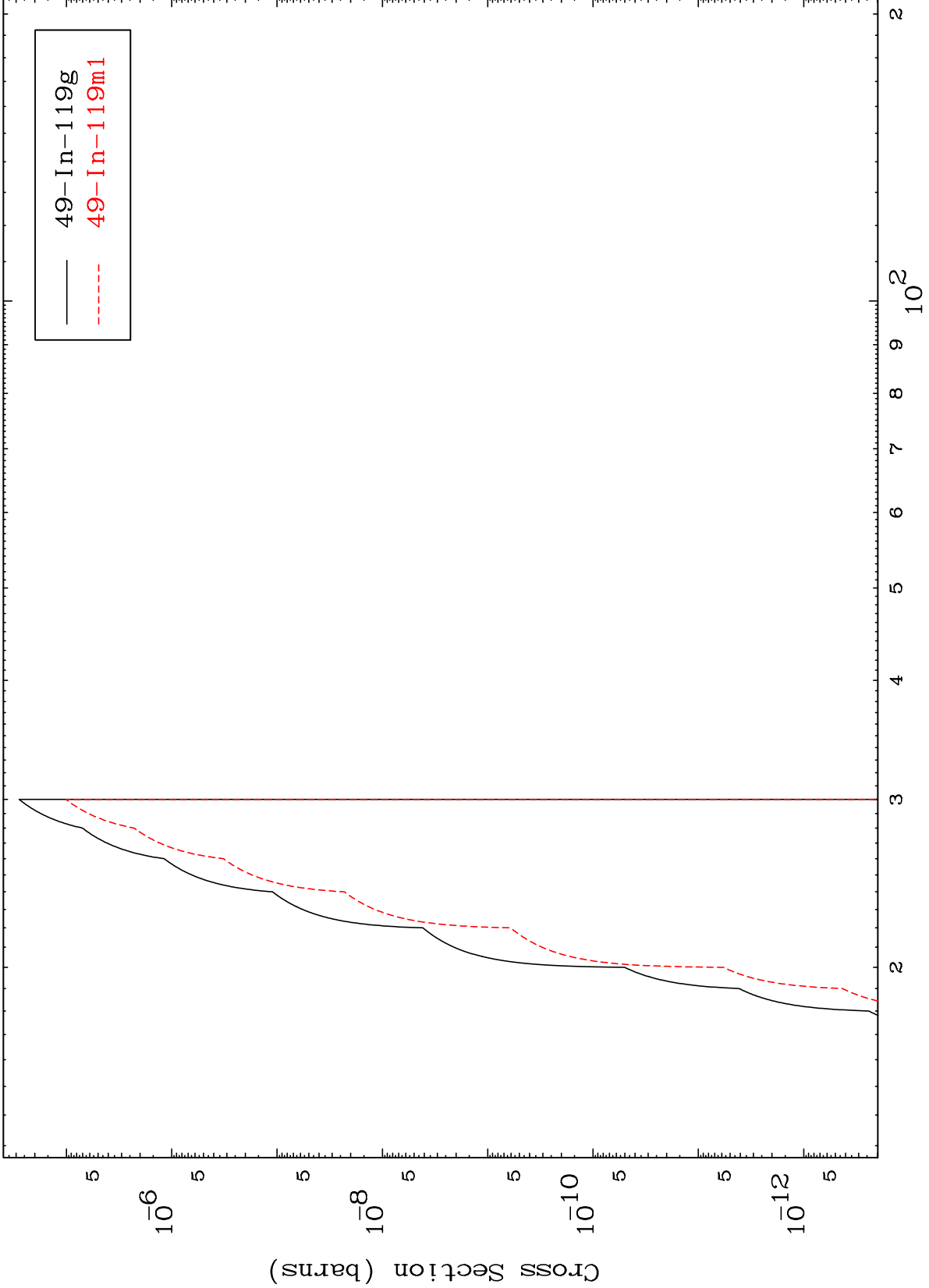
20

MAT 5049

(n,2n) p

50-Sn-120

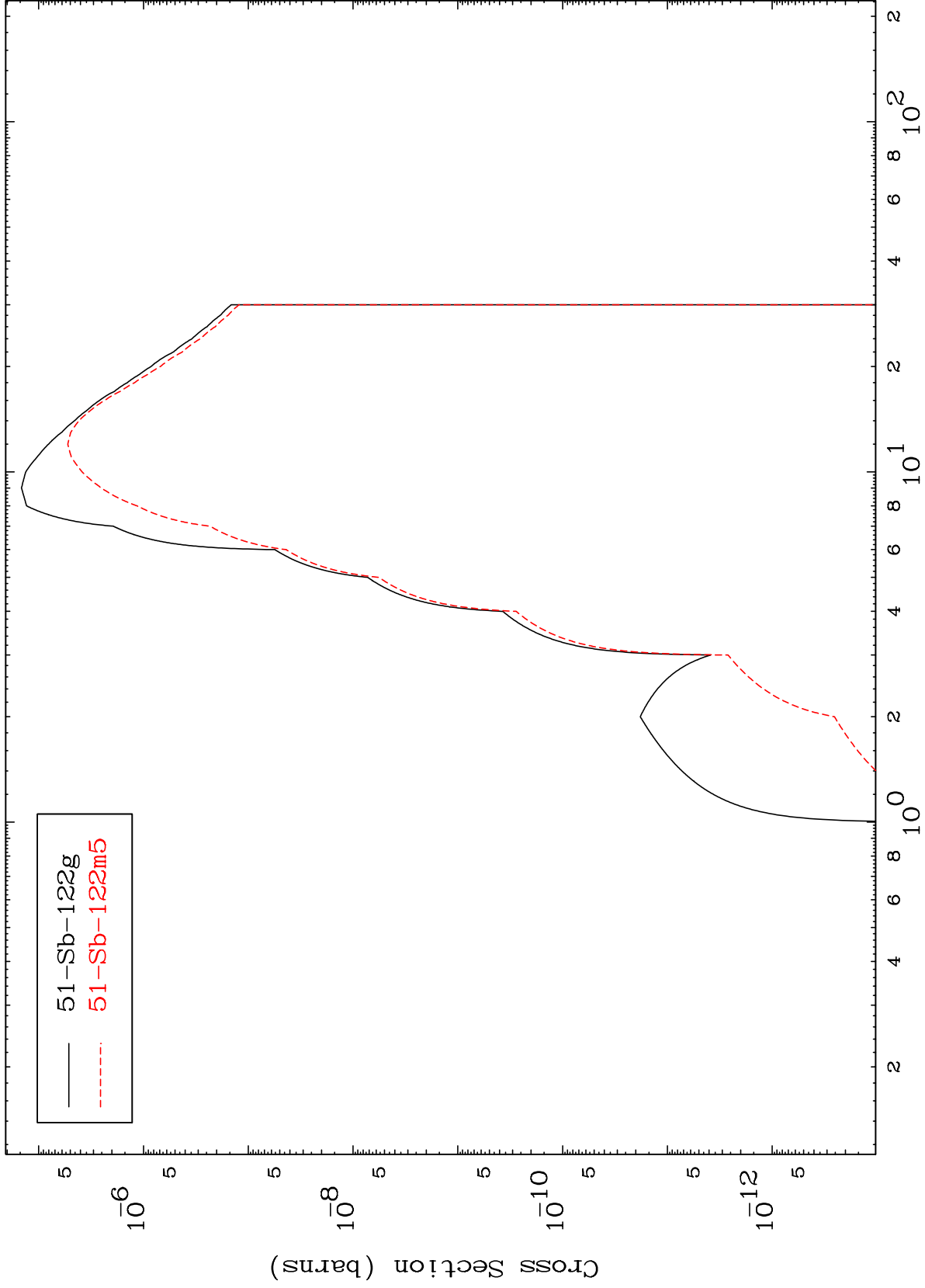
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

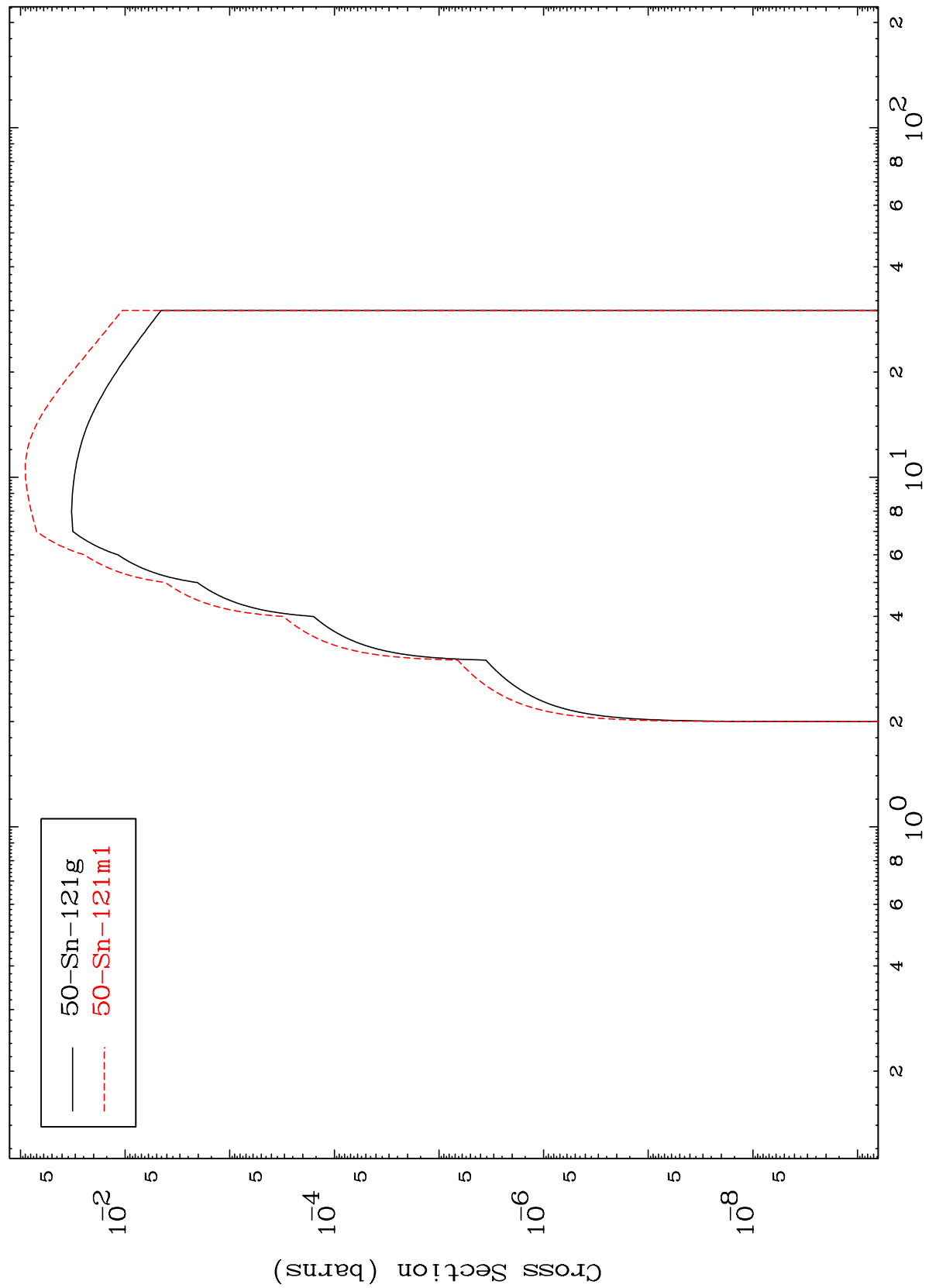
(n, γ)
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,p)
Radionuclide Production Cross Section



50-Sn-120

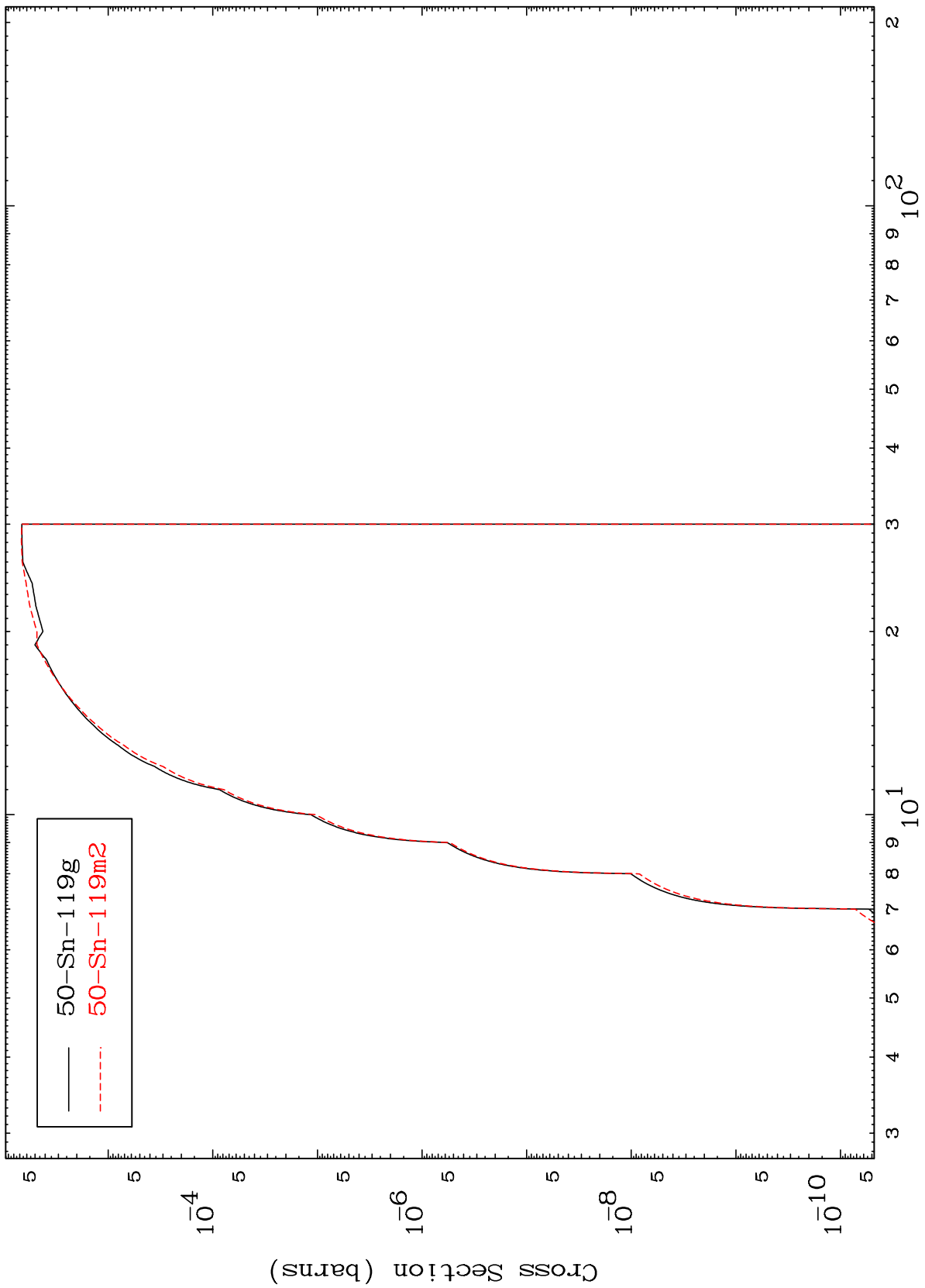
Incident Energy (MeV)

23

MAT 5049

50-Sn-120

(n,t)
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

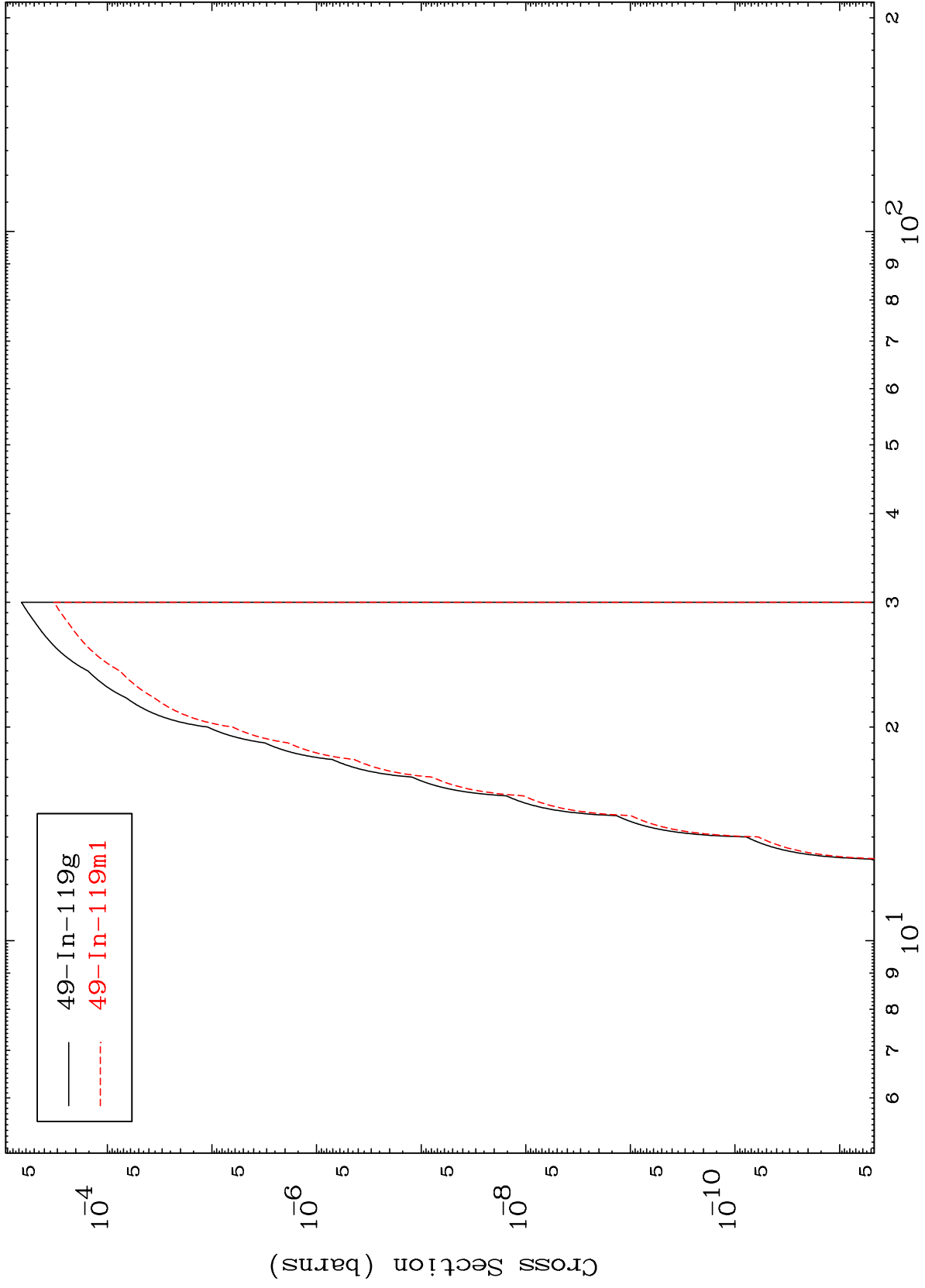
24

MAT 5049

(n,He-3)

50-Sn-120

Radionuclide Production Cross Section



25

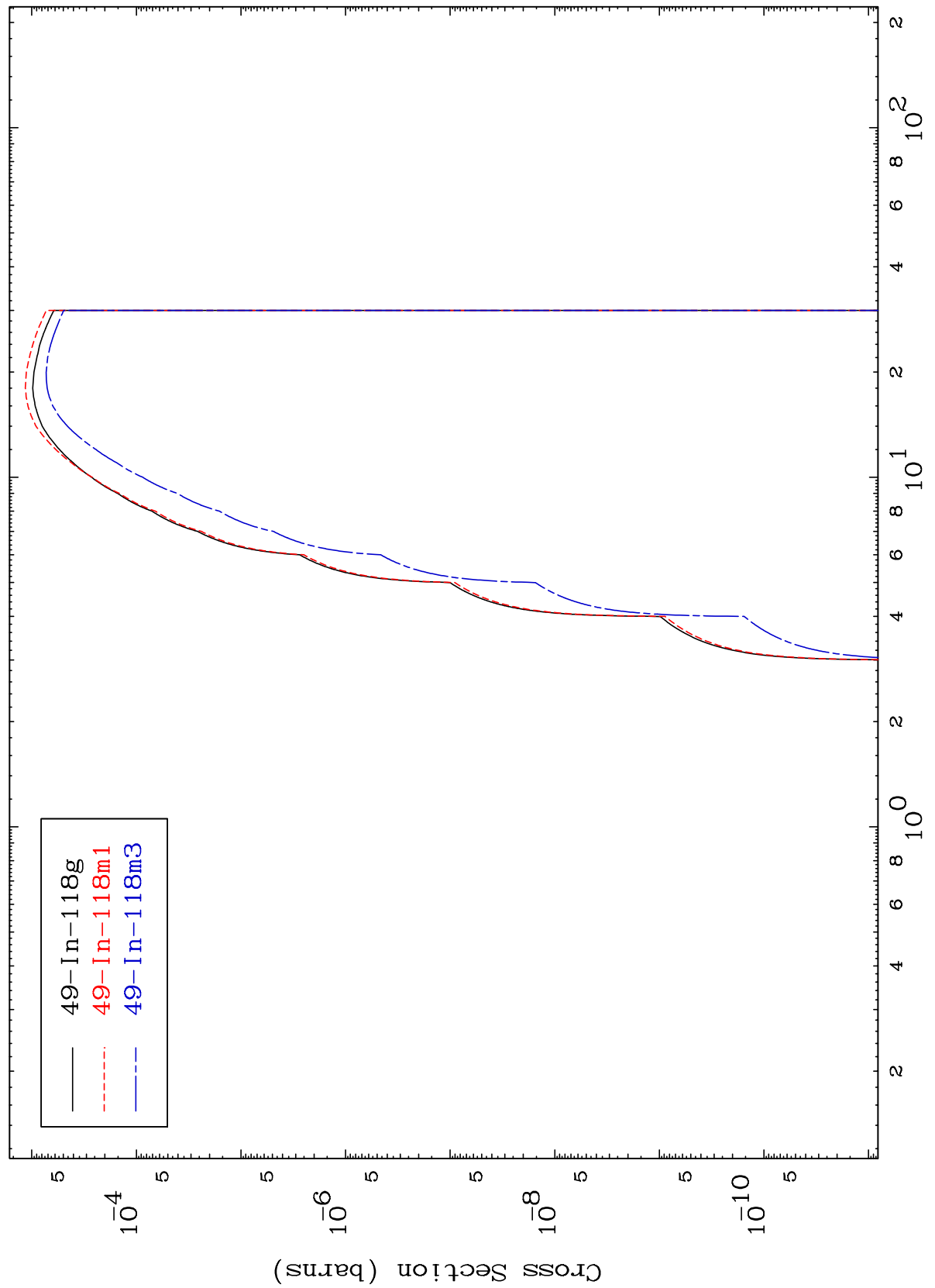
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n, α)
Radionuclide Production Cross Section



50-Sn-120

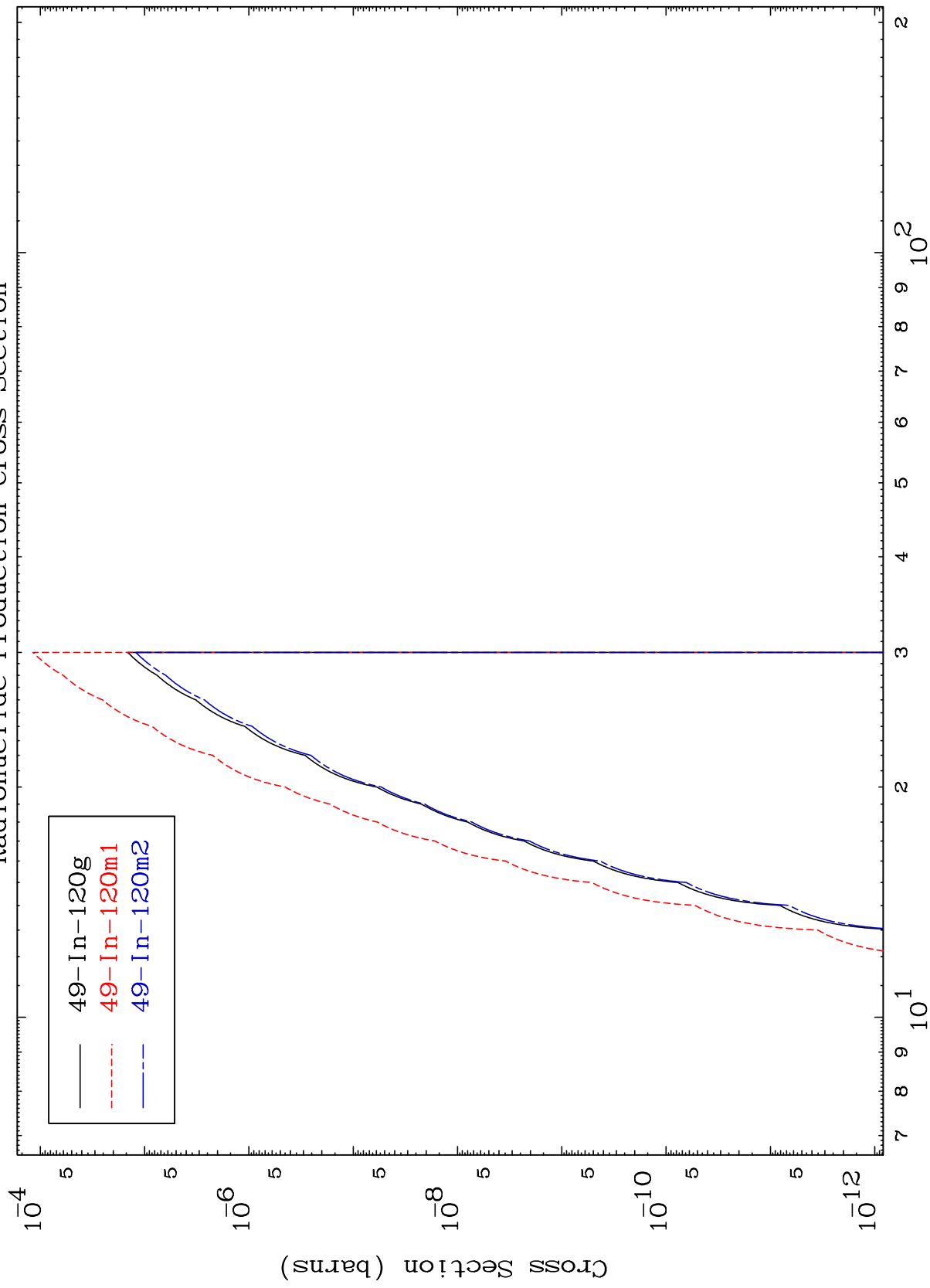
Incident Energy (MeV)

26

MAT 5049

50-Sn-120

(n,2p)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

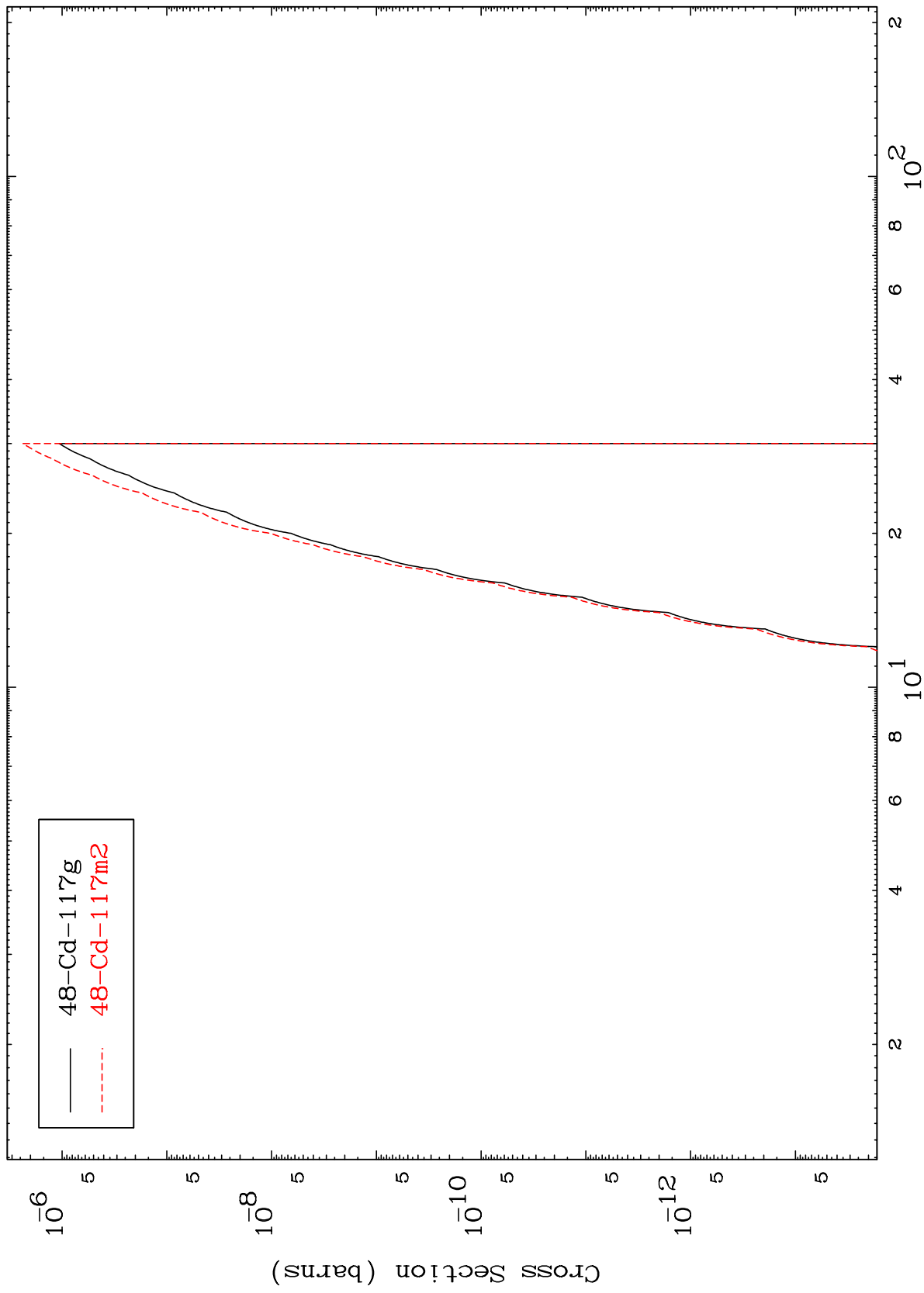
50-Sn-120

MAT 5049

50-Sn-120

(n,p) α

Radionuclide Production Cross Section



28

50-Sn-120

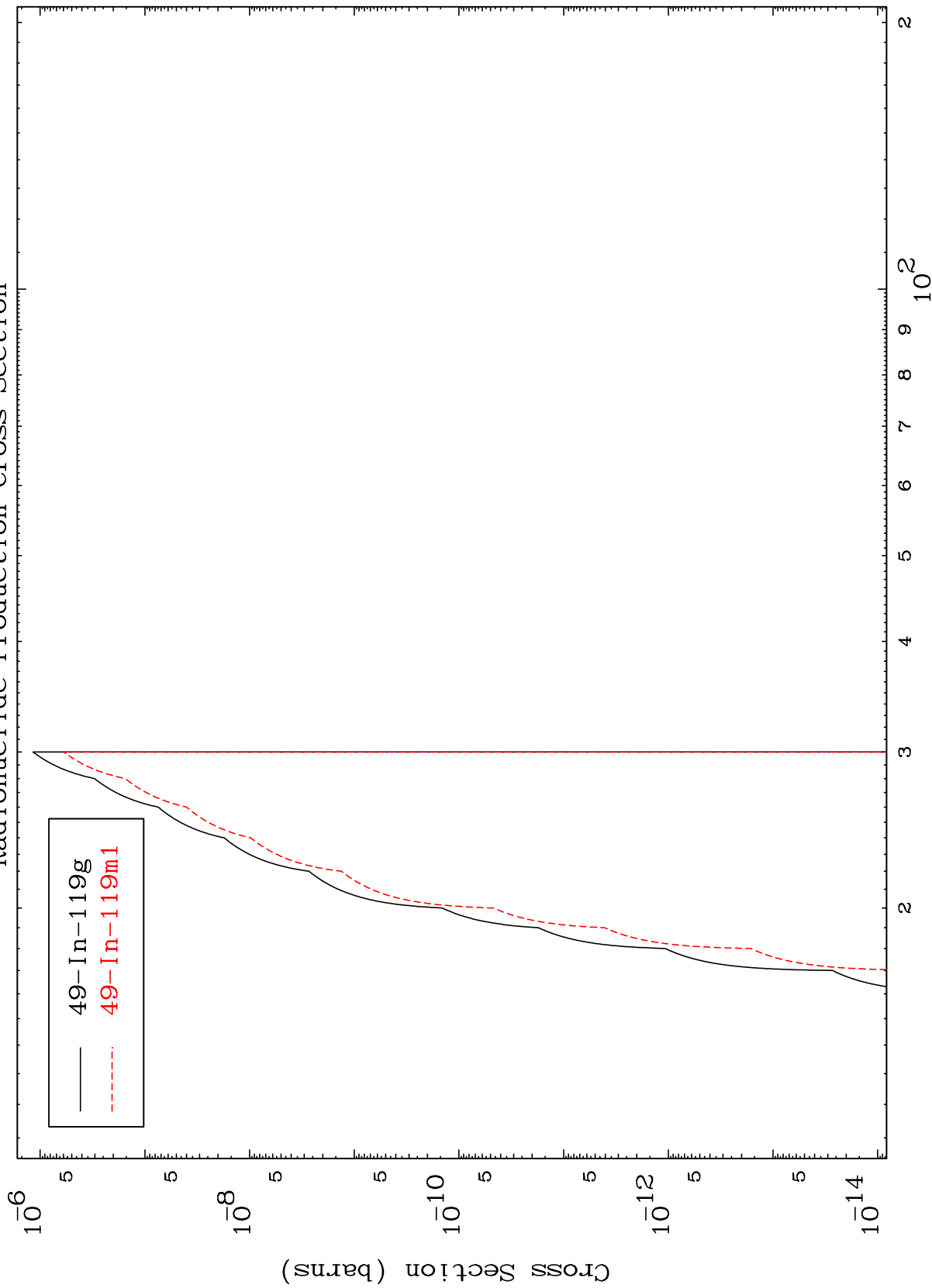
Incident Energy (MeV)

MAT 5049

(n,p) d

50-Sn-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

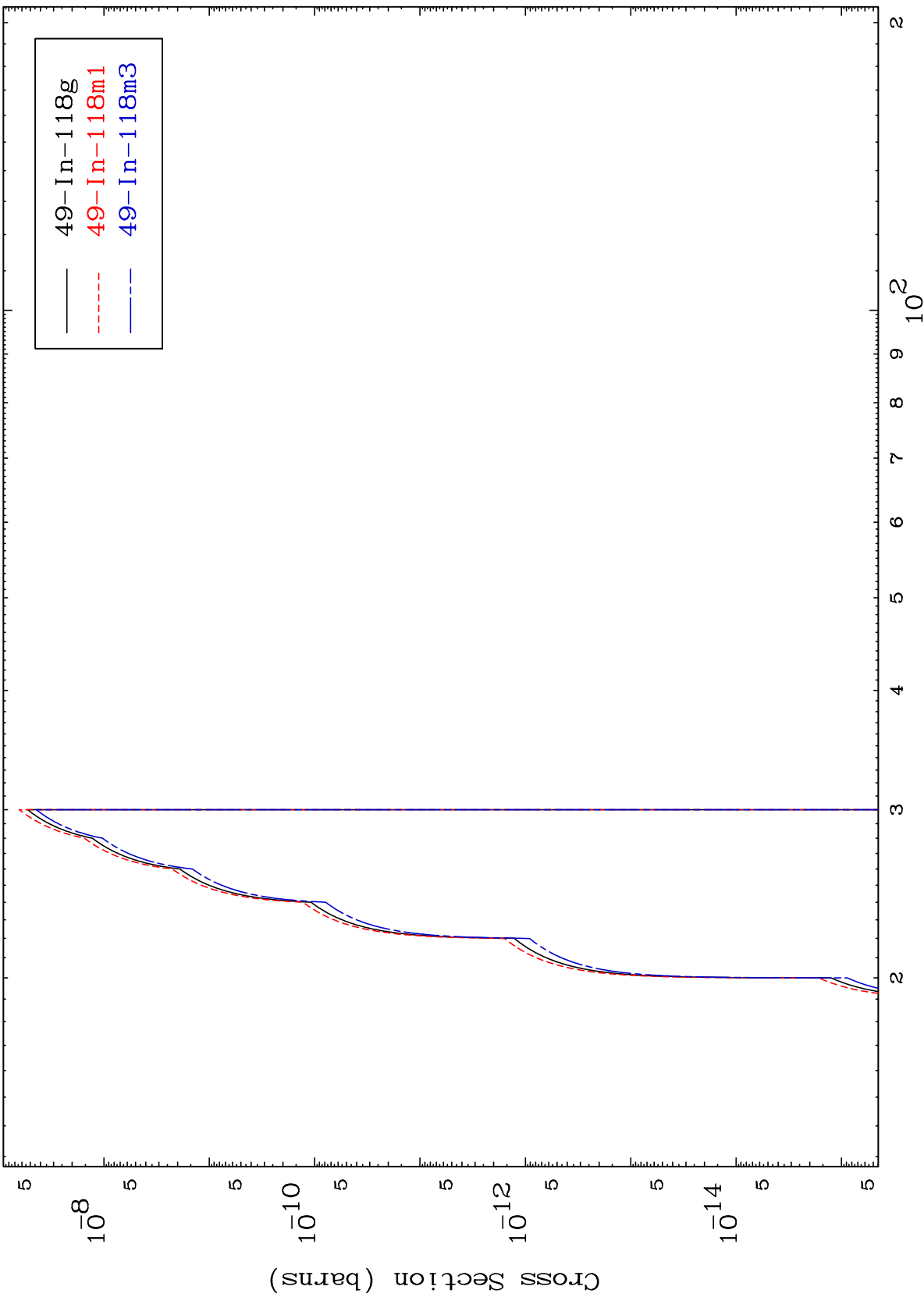
50-Sn-120

MAT 5049

(n,p) t

50-Sn-120

Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-120