

Program EVALPLOT
(Version 2018-1)

by

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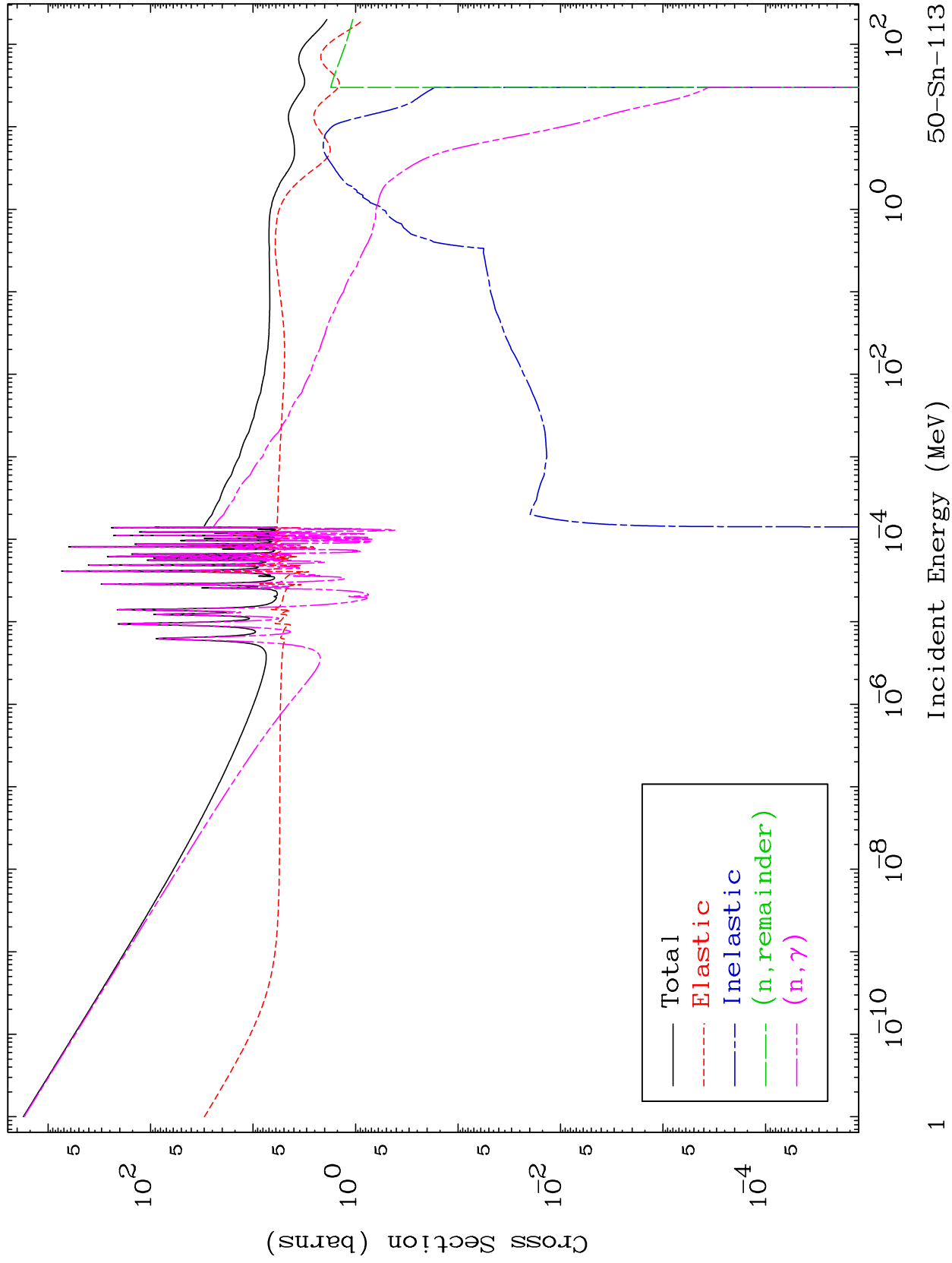
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

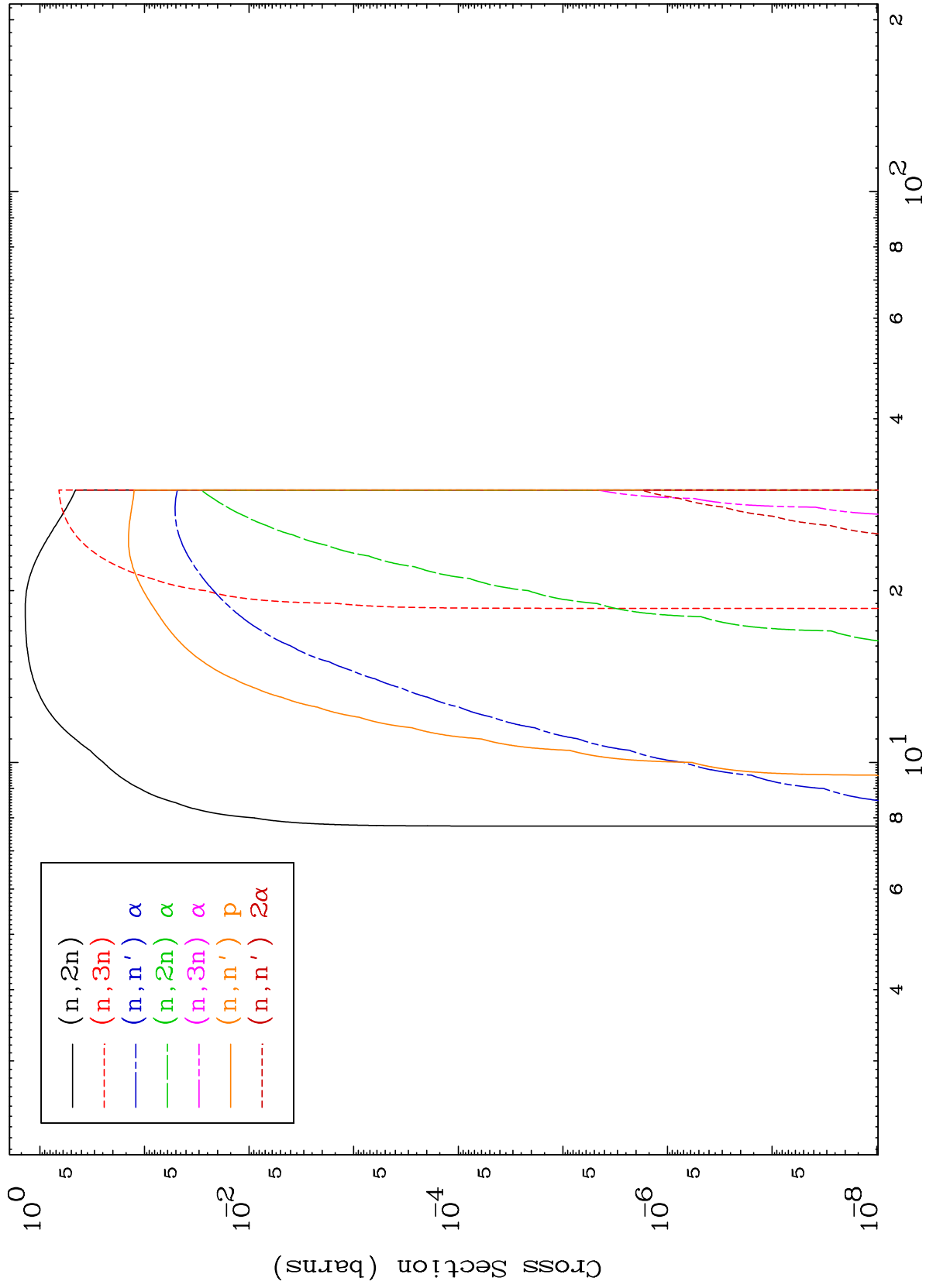
Press Mouse Button to Start

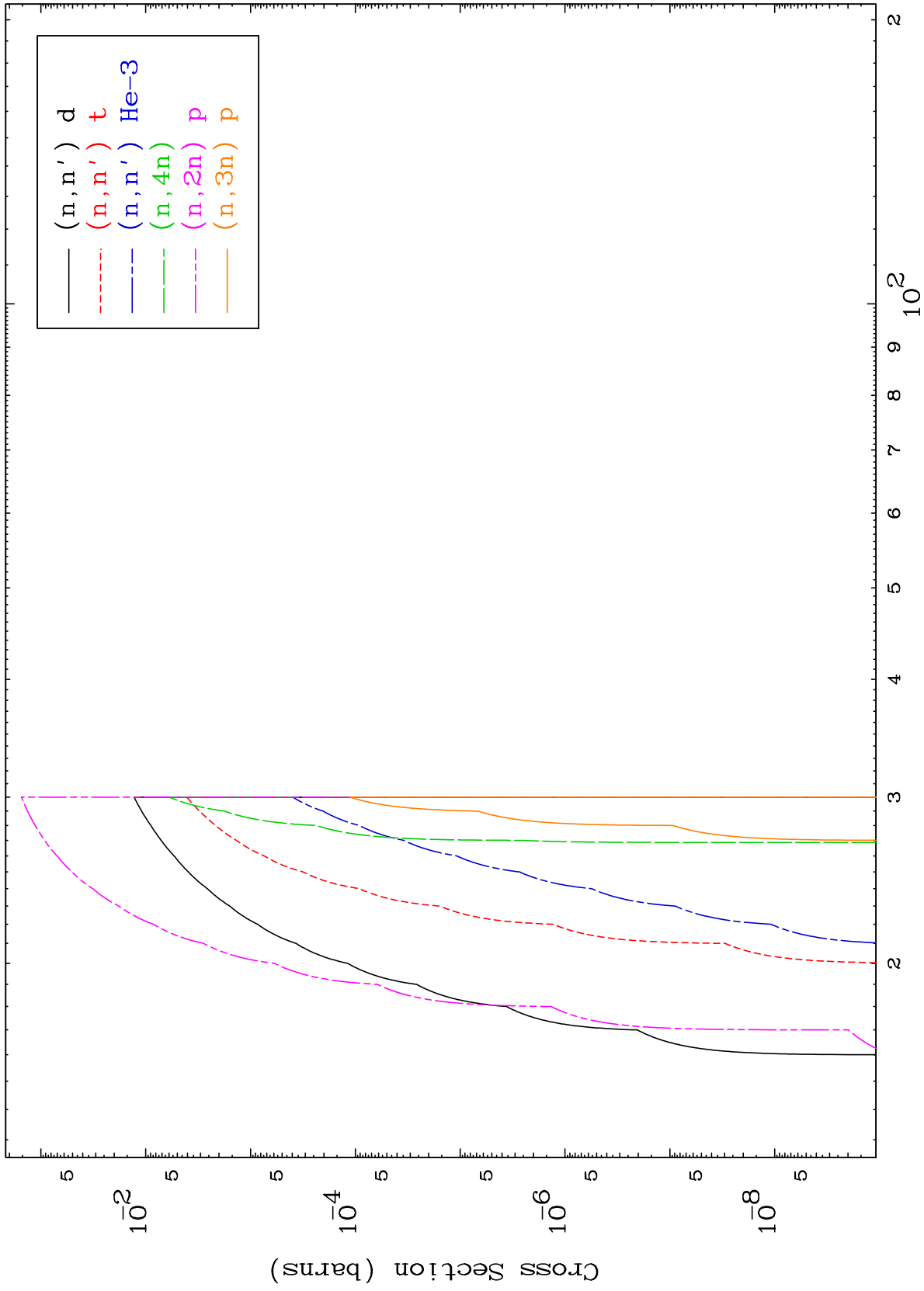
MAT 5029

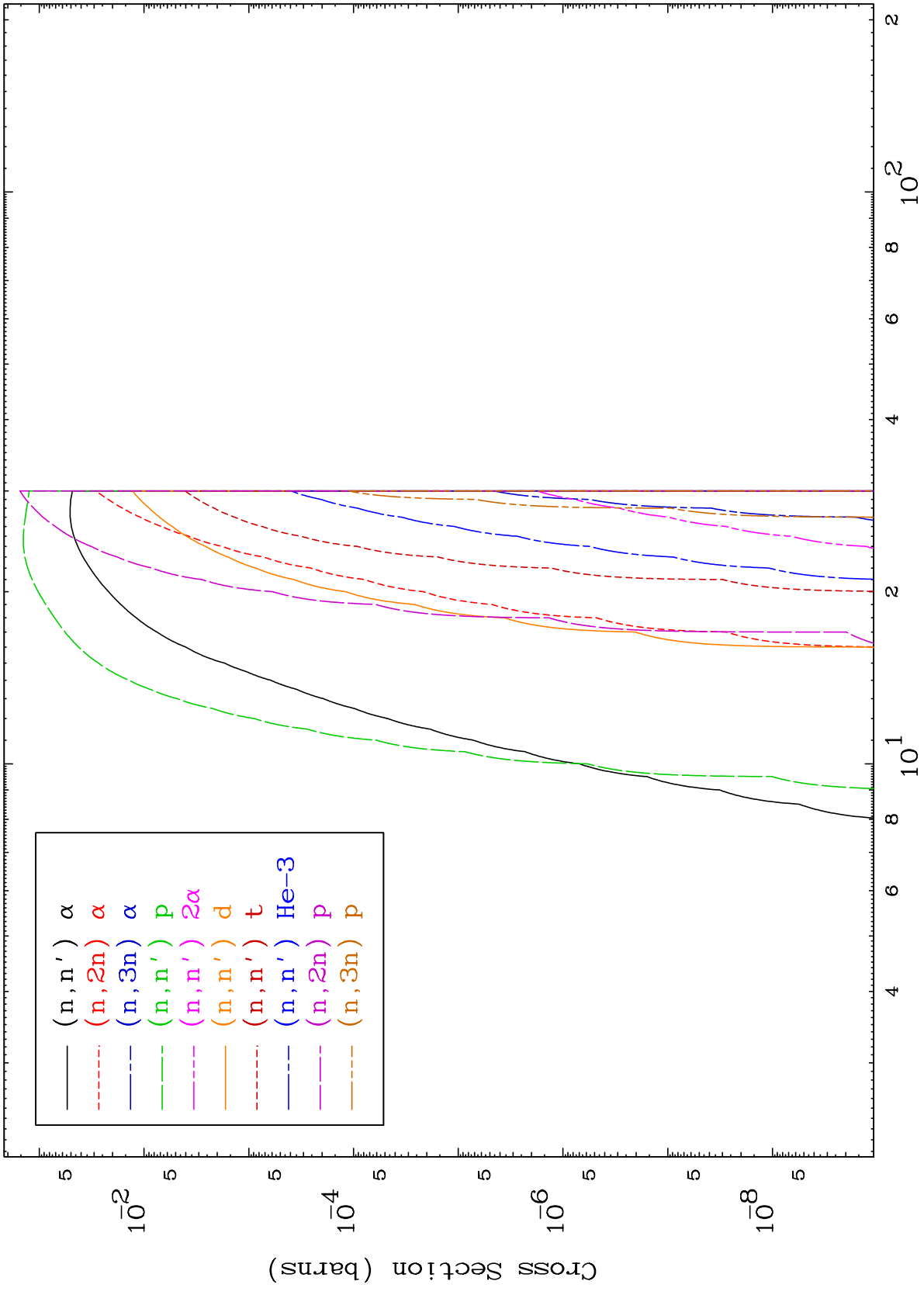
Major
293 Kelvin Cross Sections

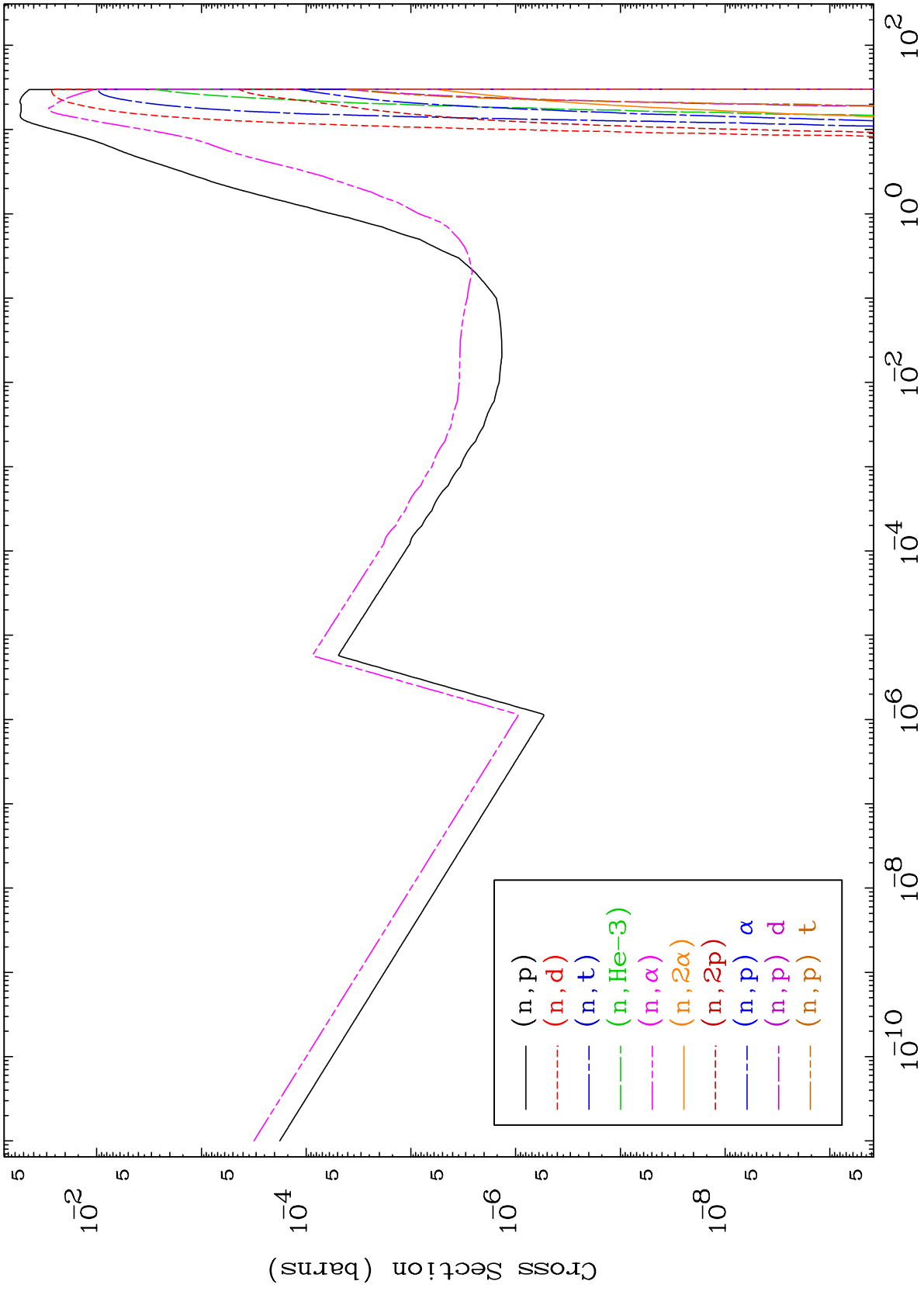
50-Sn-113

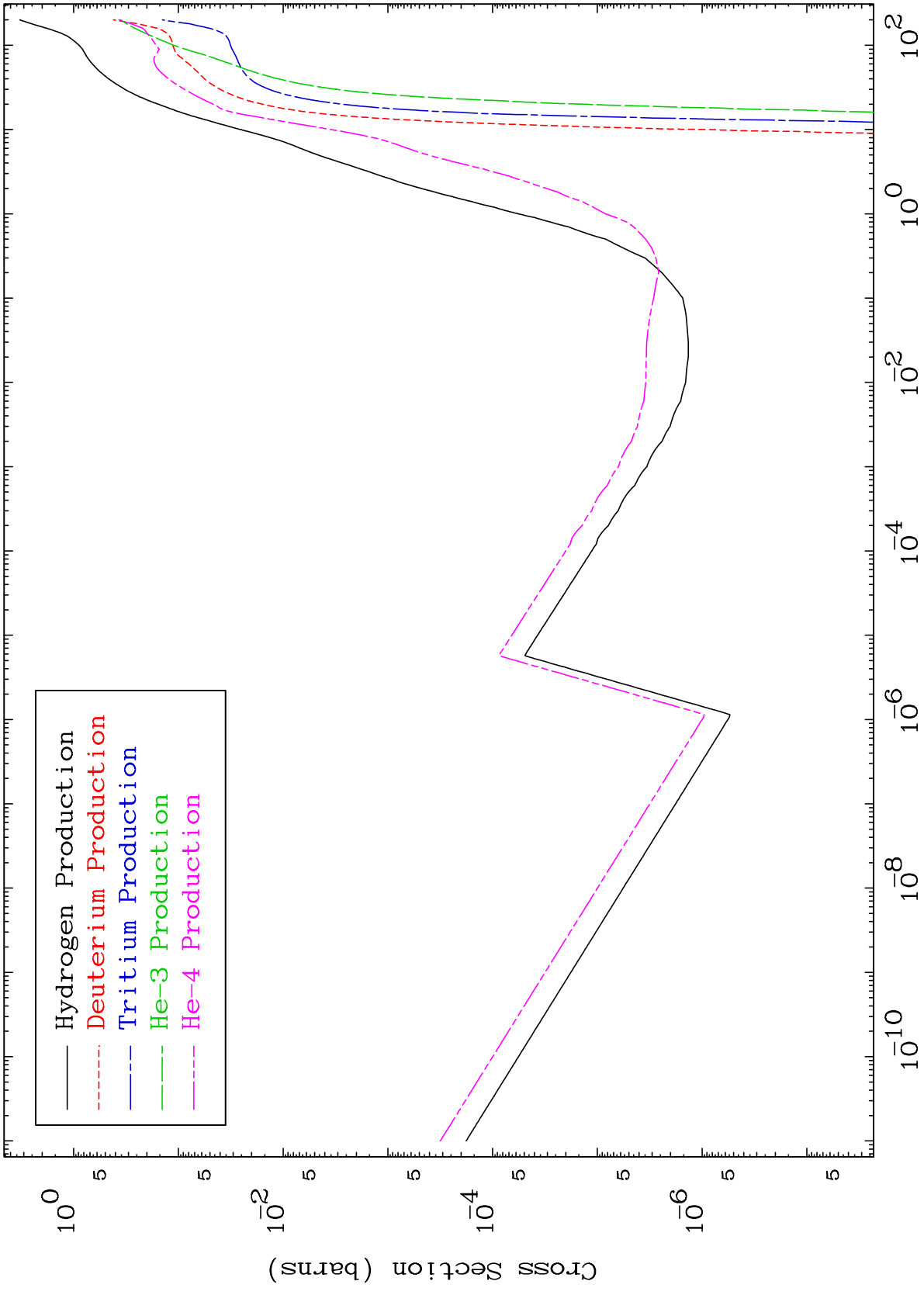








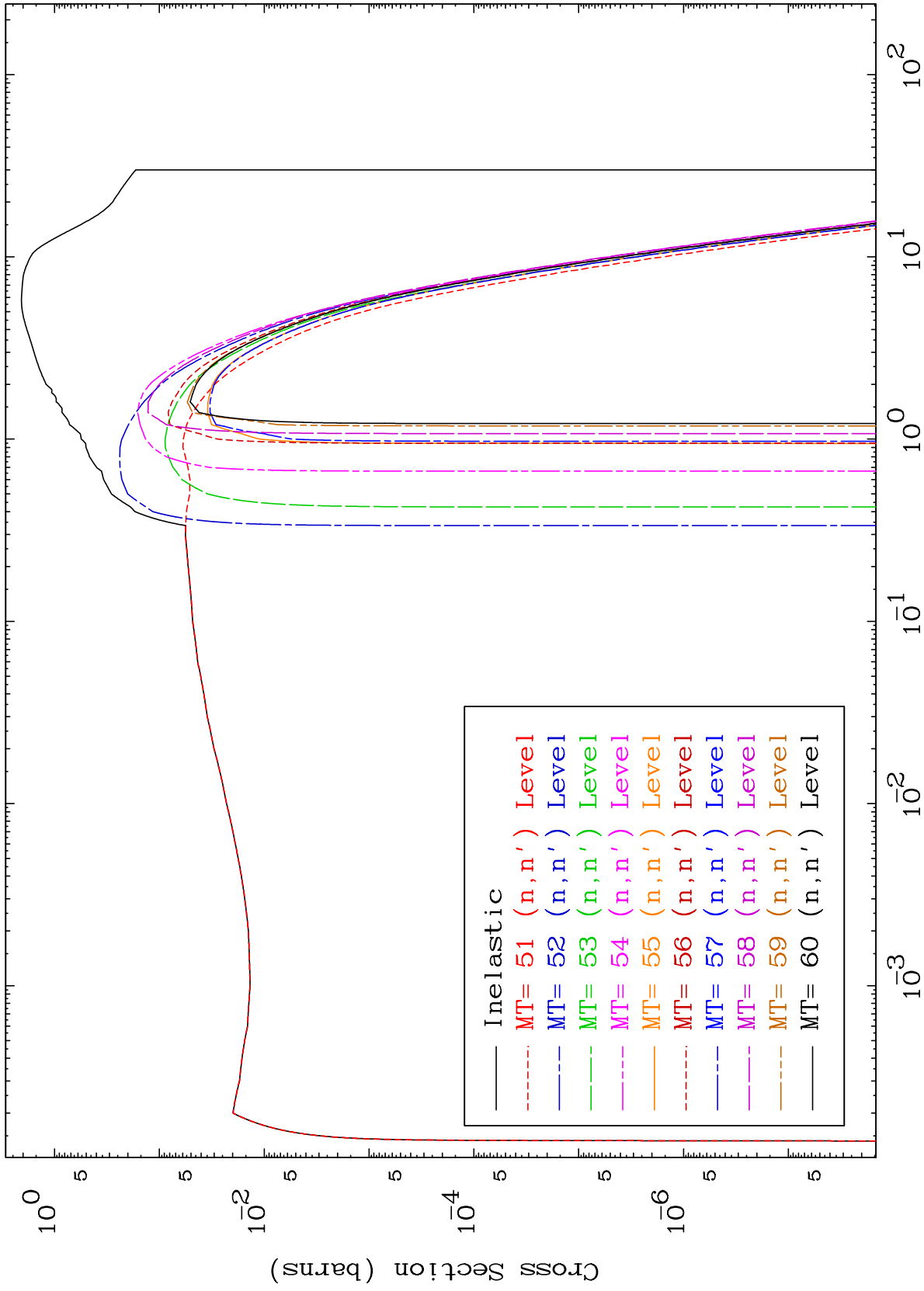




MAT 5029

(n,n') Level
293 Kelvin Cross Sections

50-Sn-113

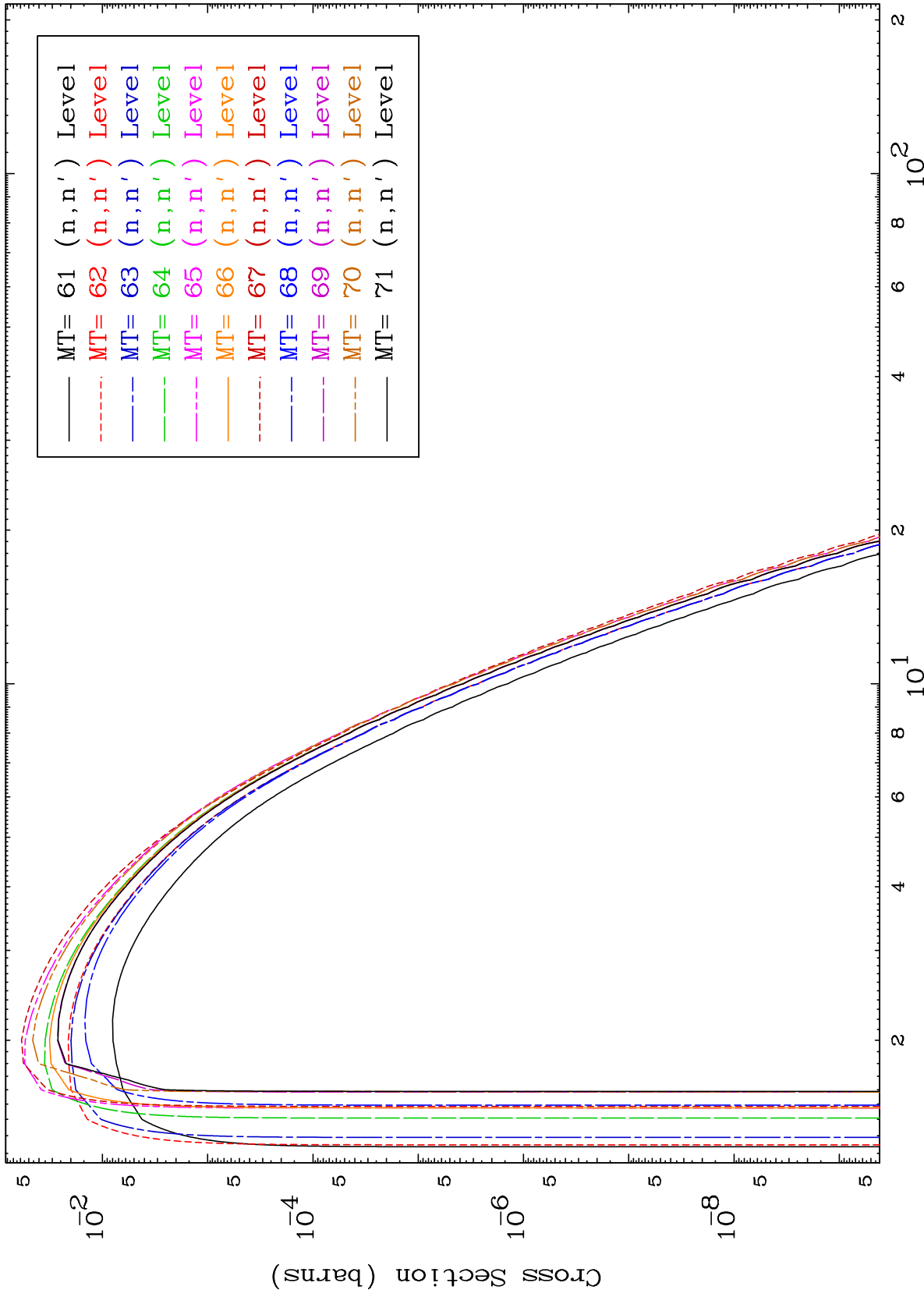


MAT 5029

(n,n') Level

50-Sn-113

293 Kelvin Cross Sections



8

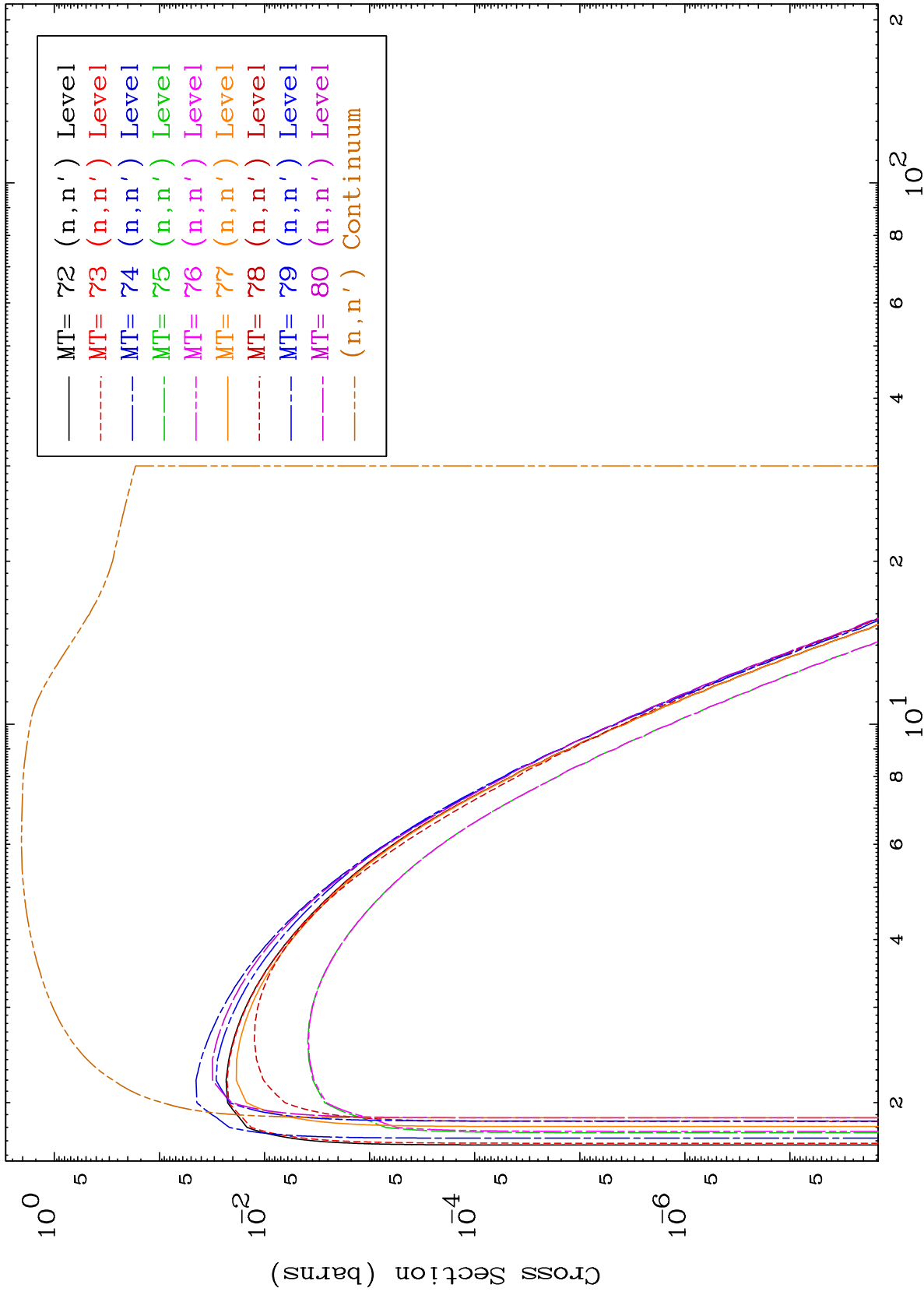
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,n') Level
293 Kelvin Cross Sections

50-Sn-113



9

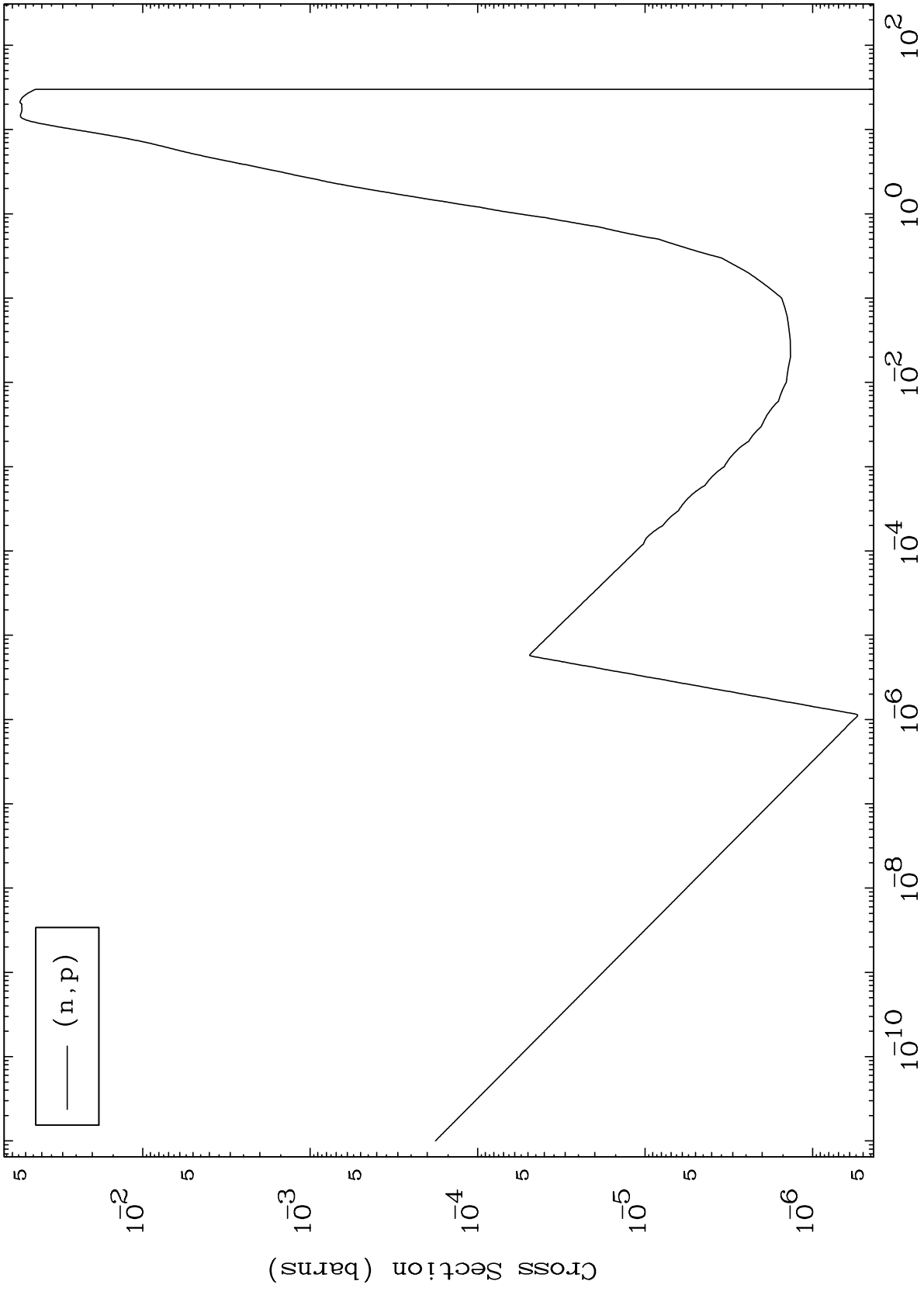
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-113



10

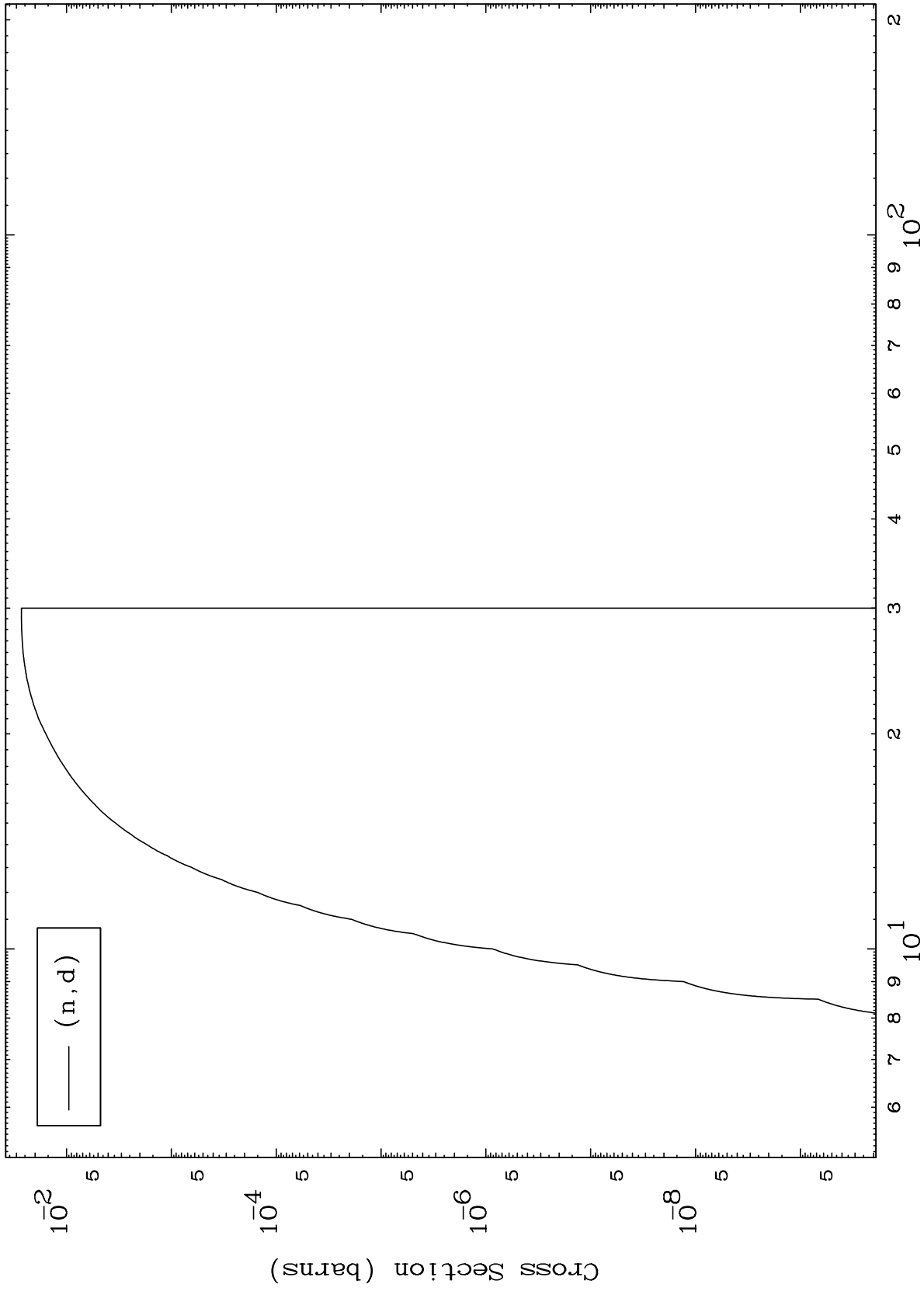
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-113



11

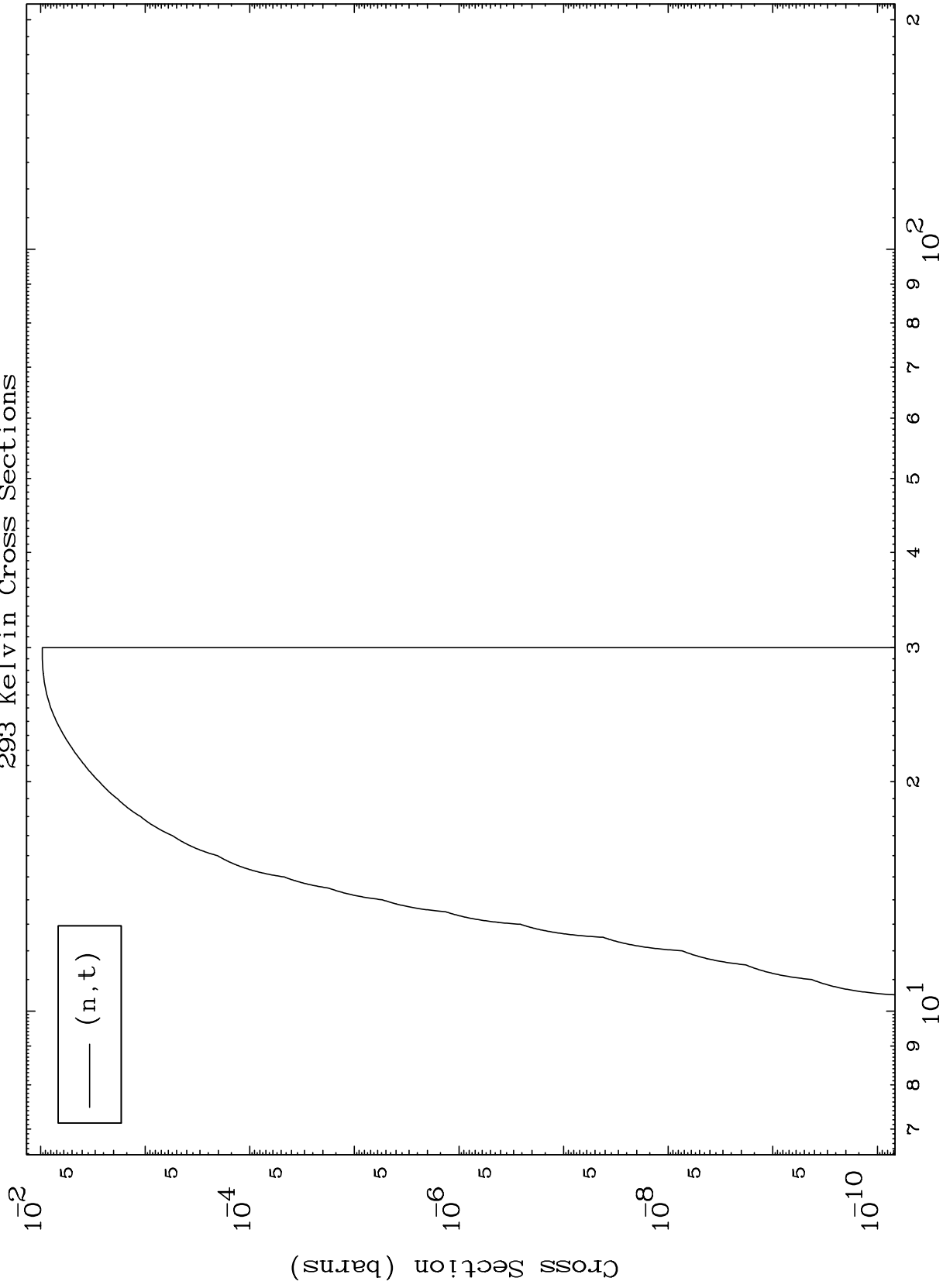
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-113



12

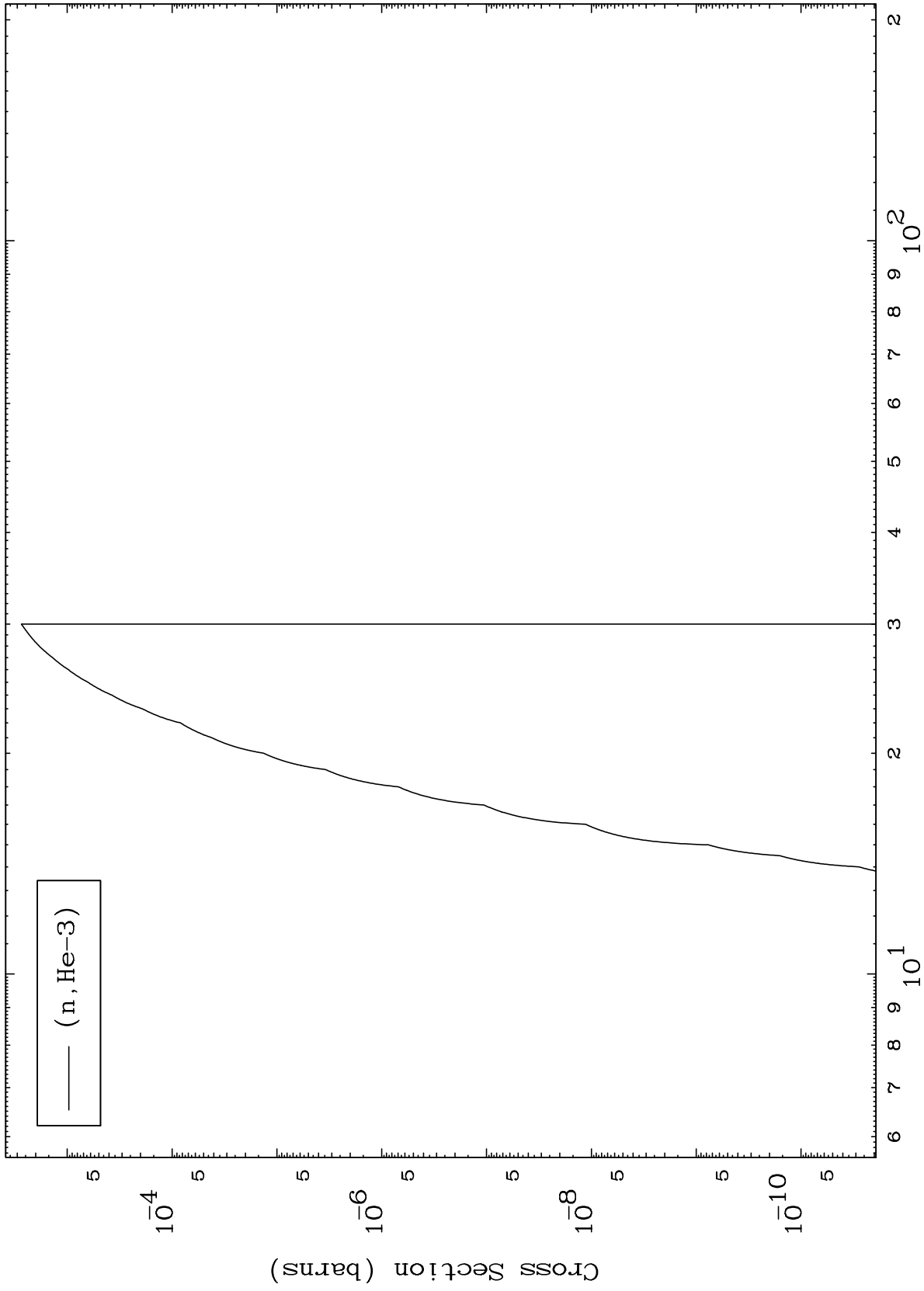
Incident Energy (MeV)

50-Sn-113

MAT 5029

50-Sn-113

(n,He3) Levels
293 Kelvin Cross Sections



13

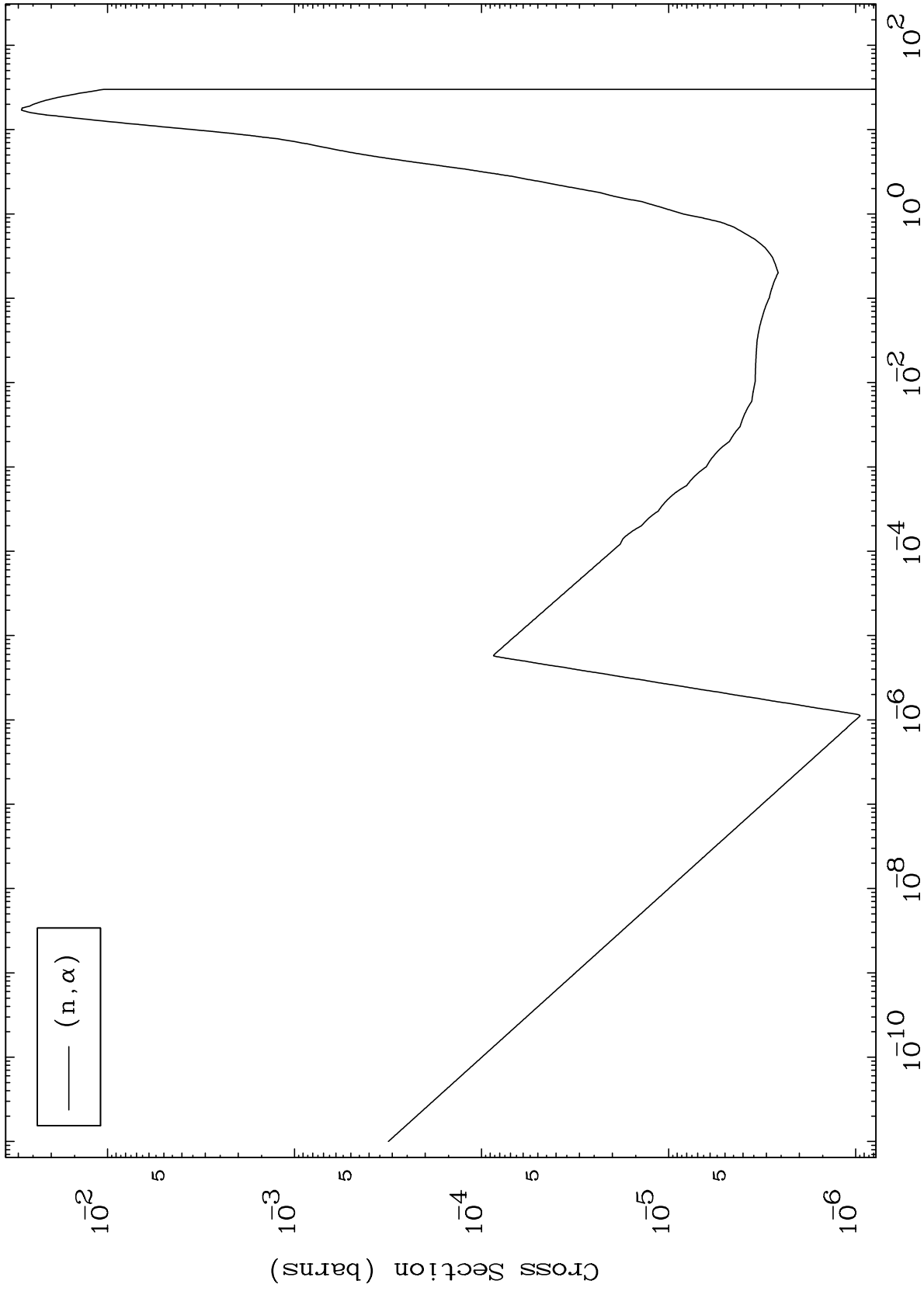
Incident Energy (MeV)

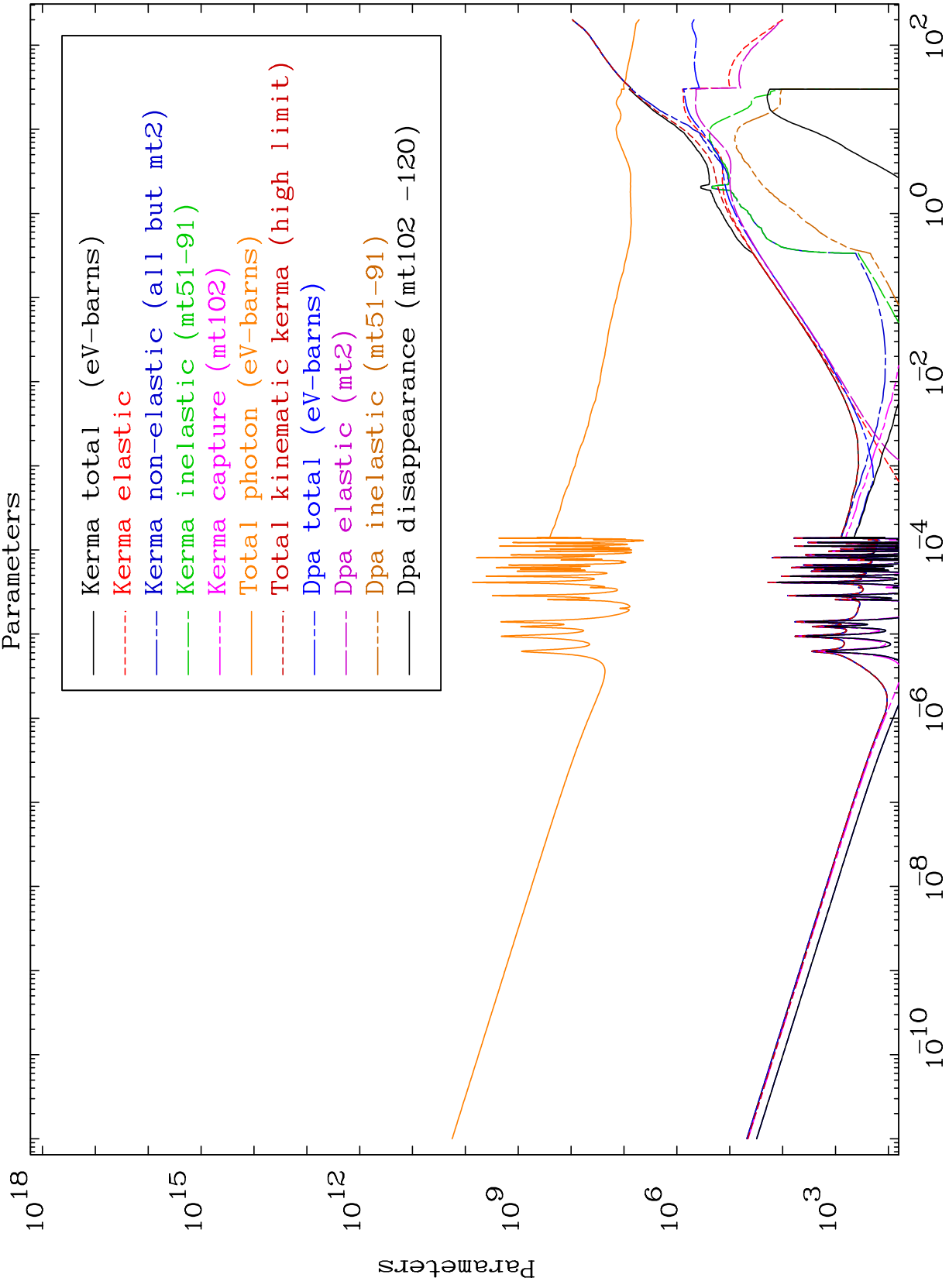
50-Sn-113

MAT 5029

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-113

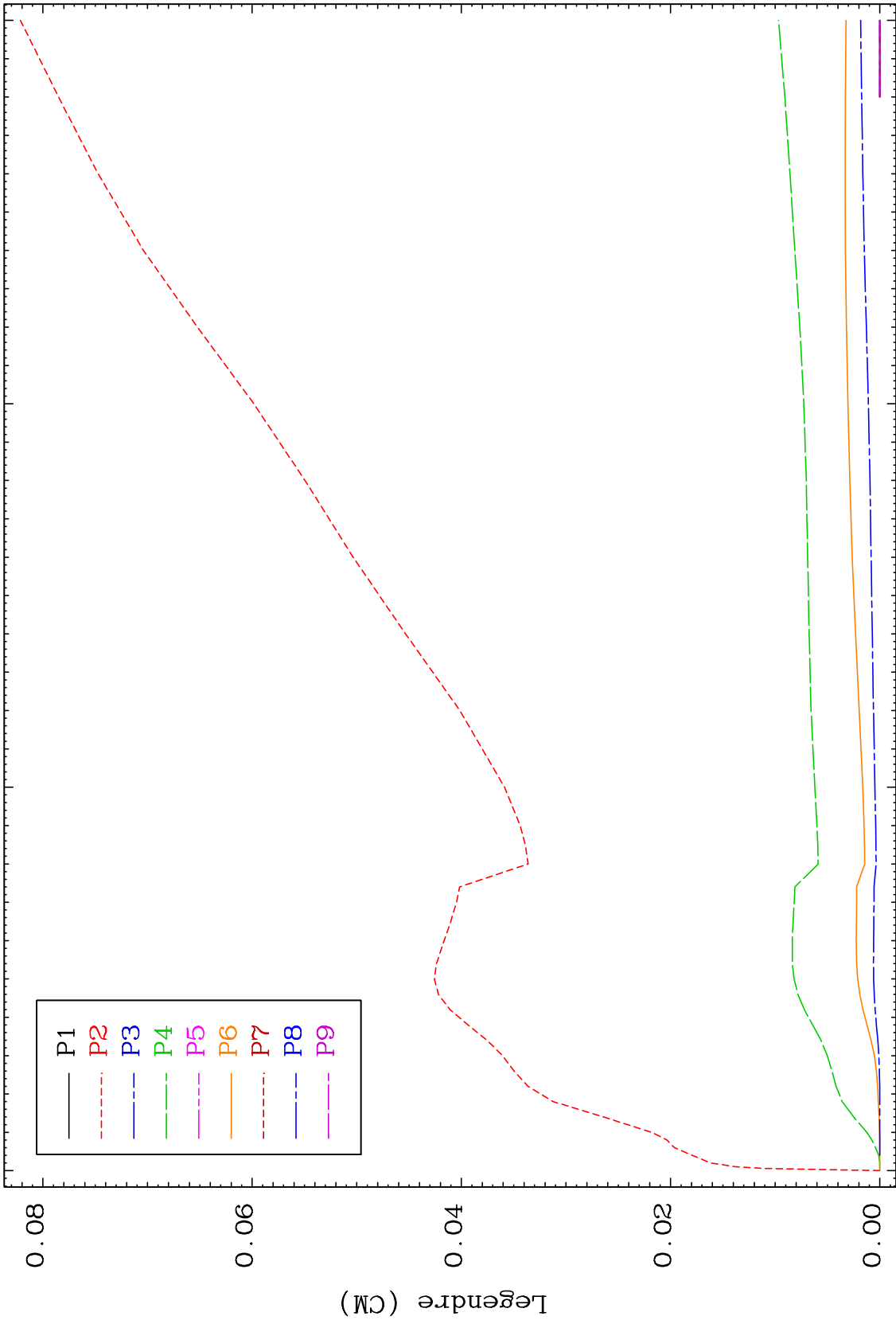




MAT 5029

Elastic Legendre Coefficients

50-Sn-113



50-Sn-113

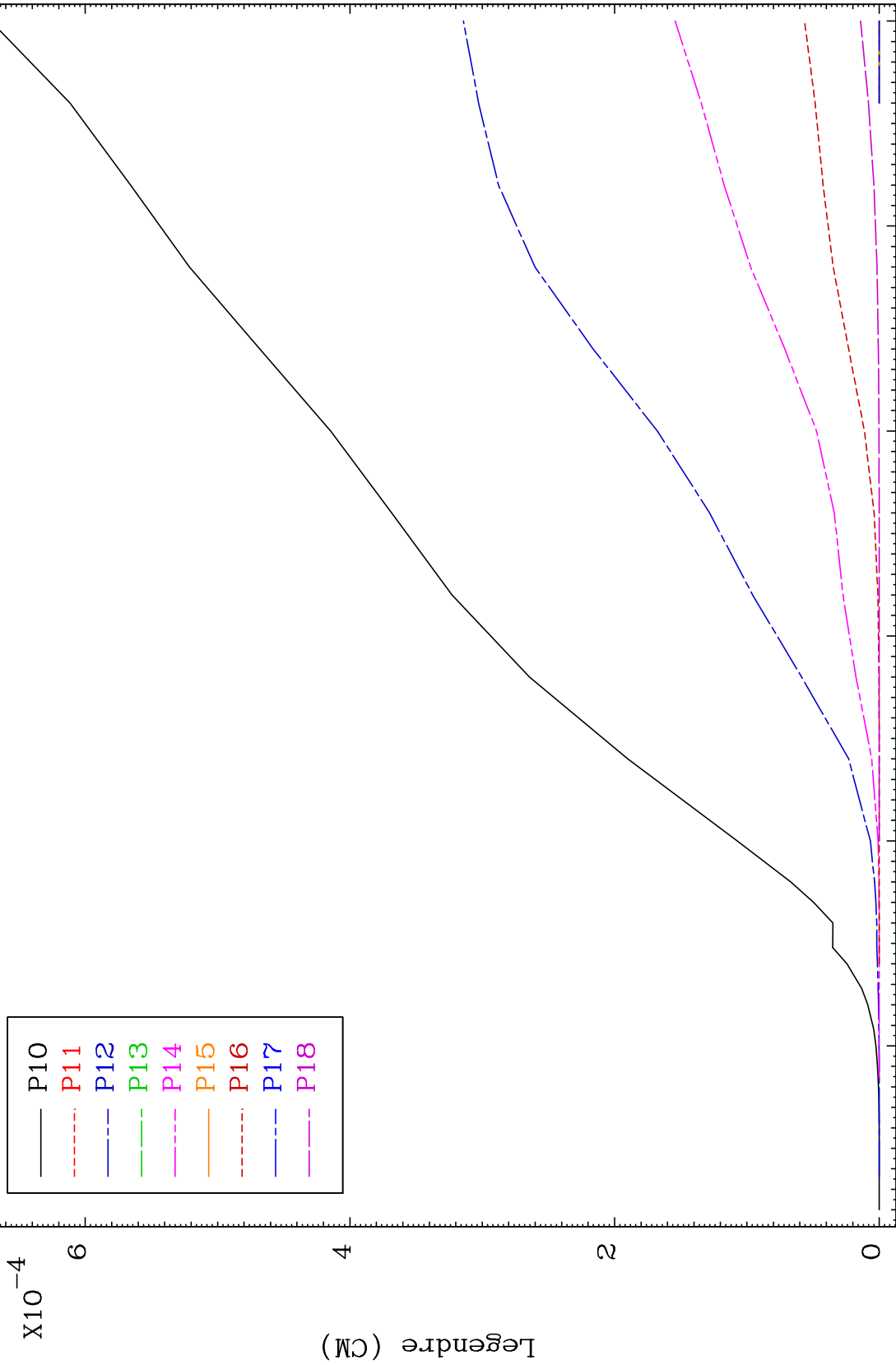
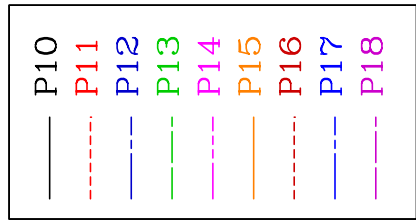
Incident Energy (MeV)

16

MAT 5029

Elastic Legendre Coefficients

50-Sn-113



17

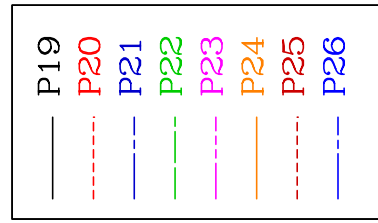
Incident Energy (MeV)

50-Sn-113

MAT 5029

Elastic Legendre Coefficients

50-Sn-113



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

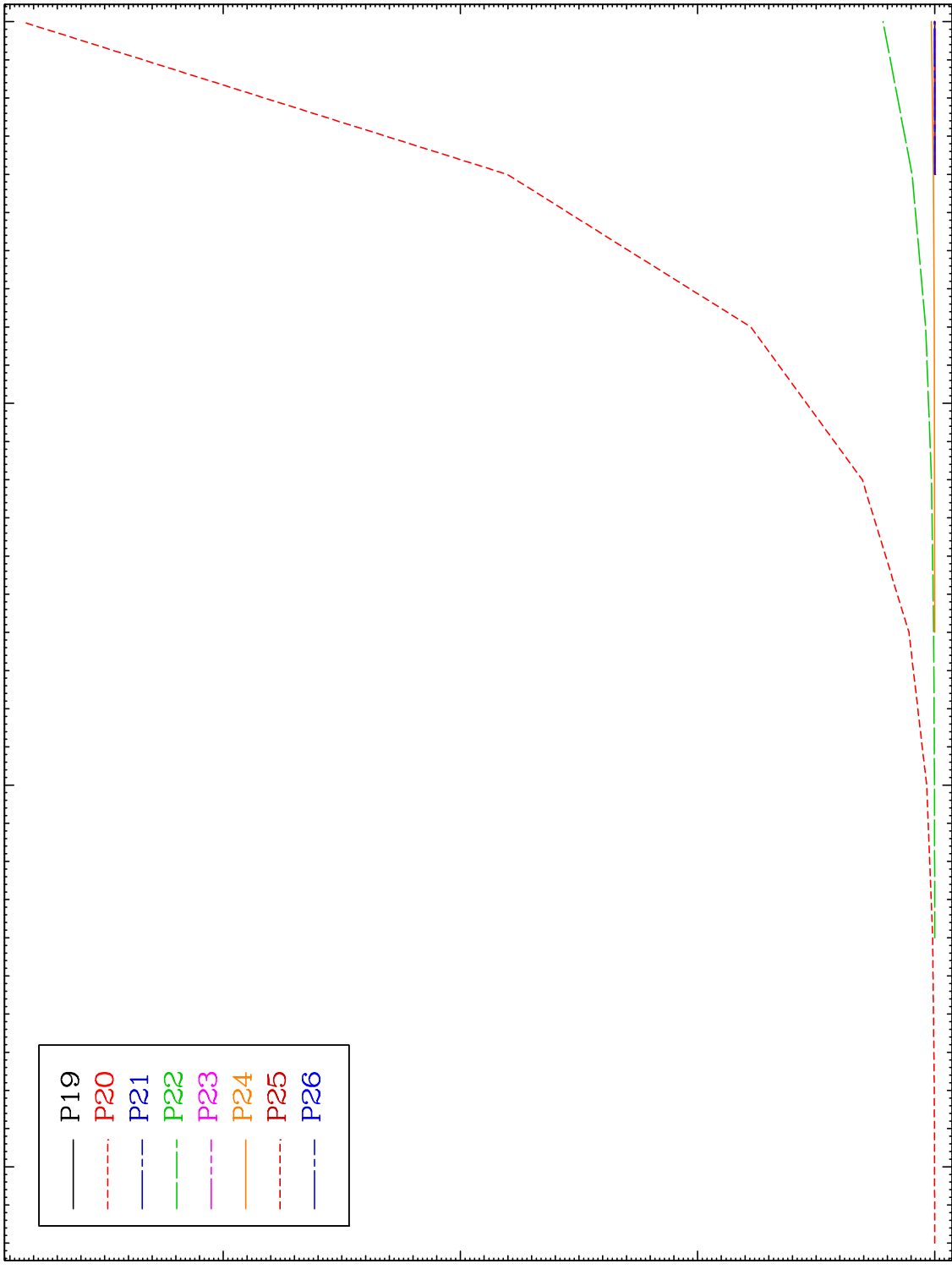
25

30

18

Incident Energy (MeV)

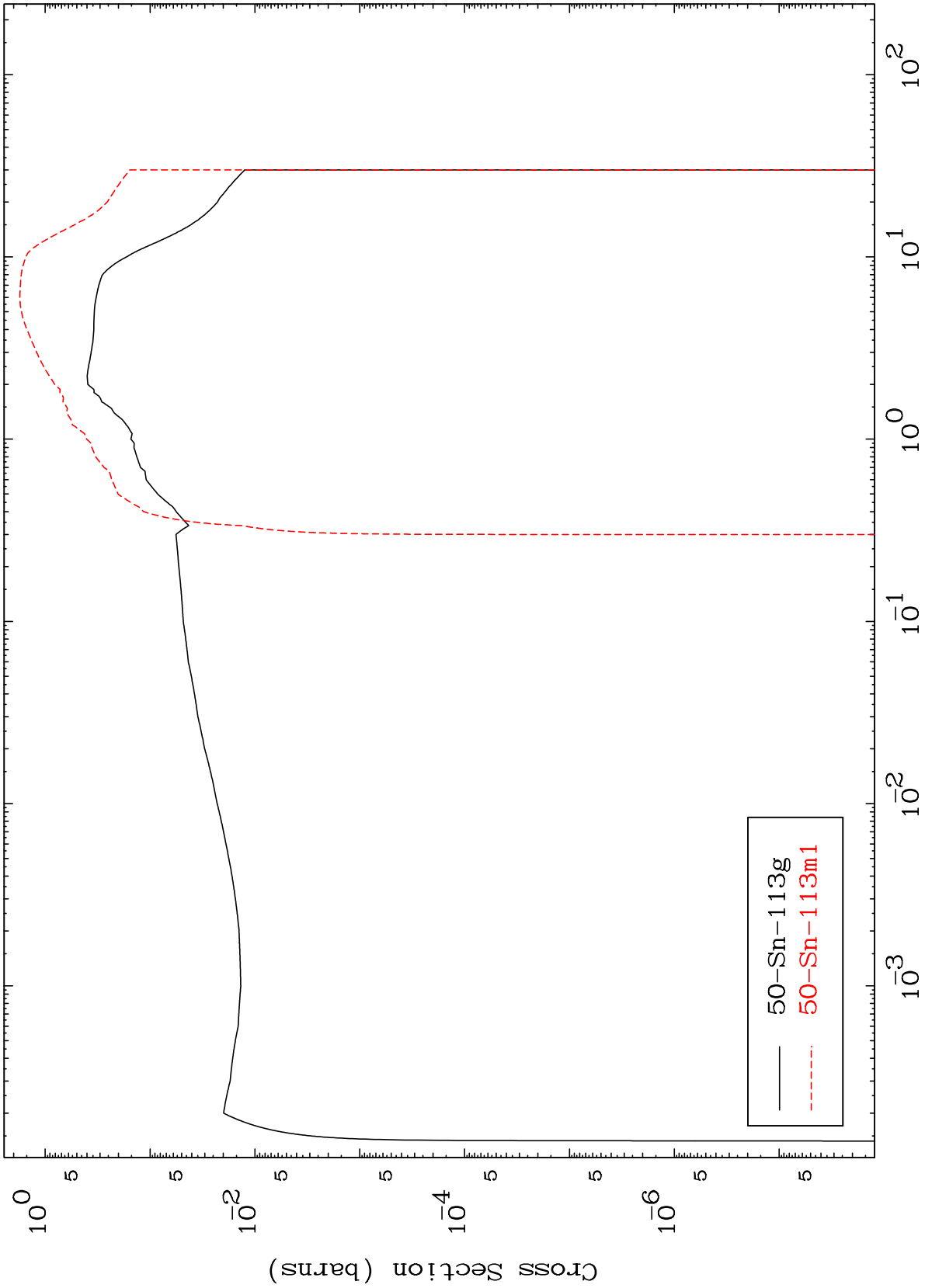
50-Sn-113



MAT 5029

50-Sn-113

Inelastic
Radionuclide Production Cross Section



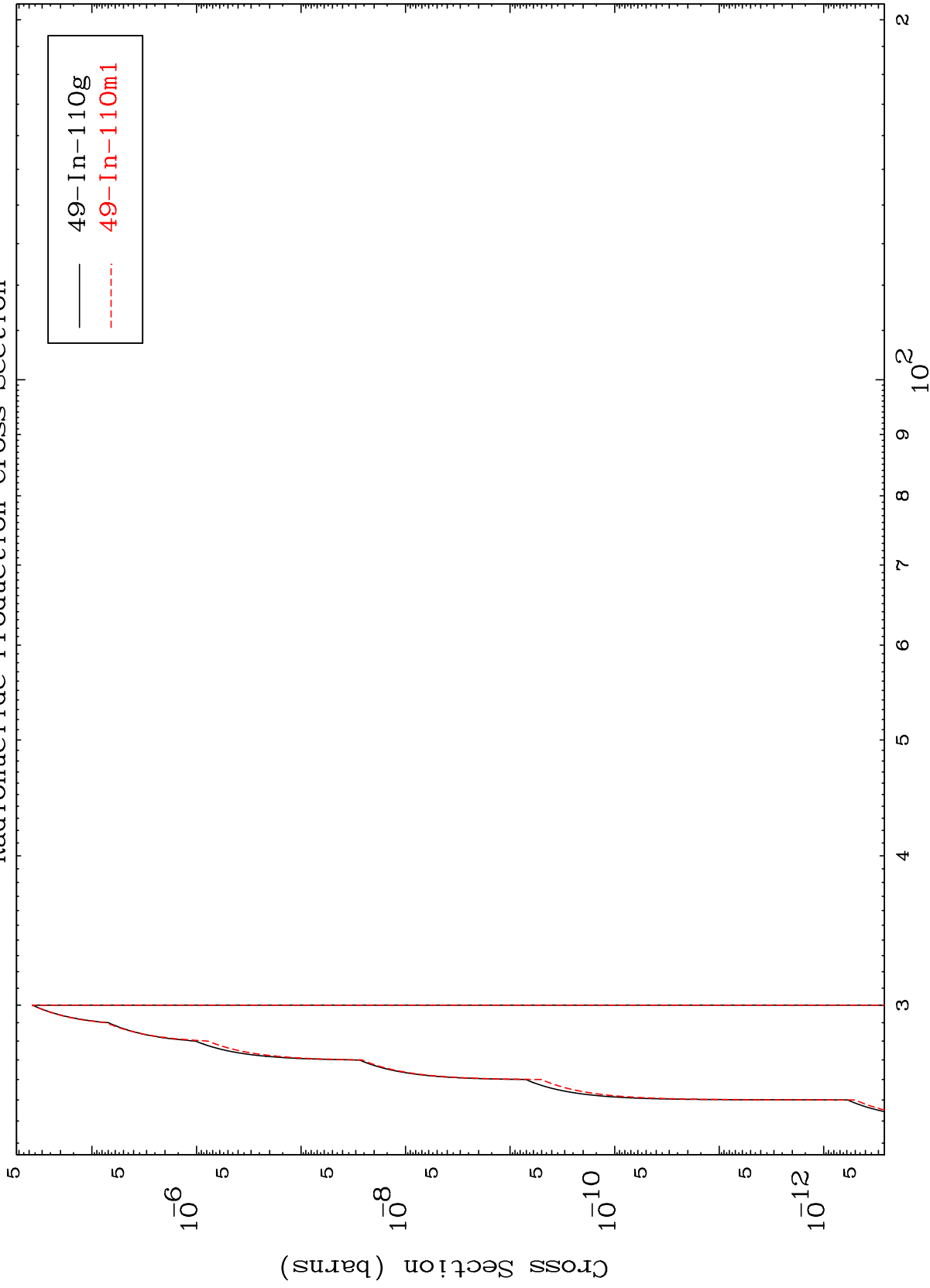
50-Sn-113

MAT 5029

(n,2n) d

50-Sn-113

Radionuclide Production Cross Section



20

Incident Energy (MeV)

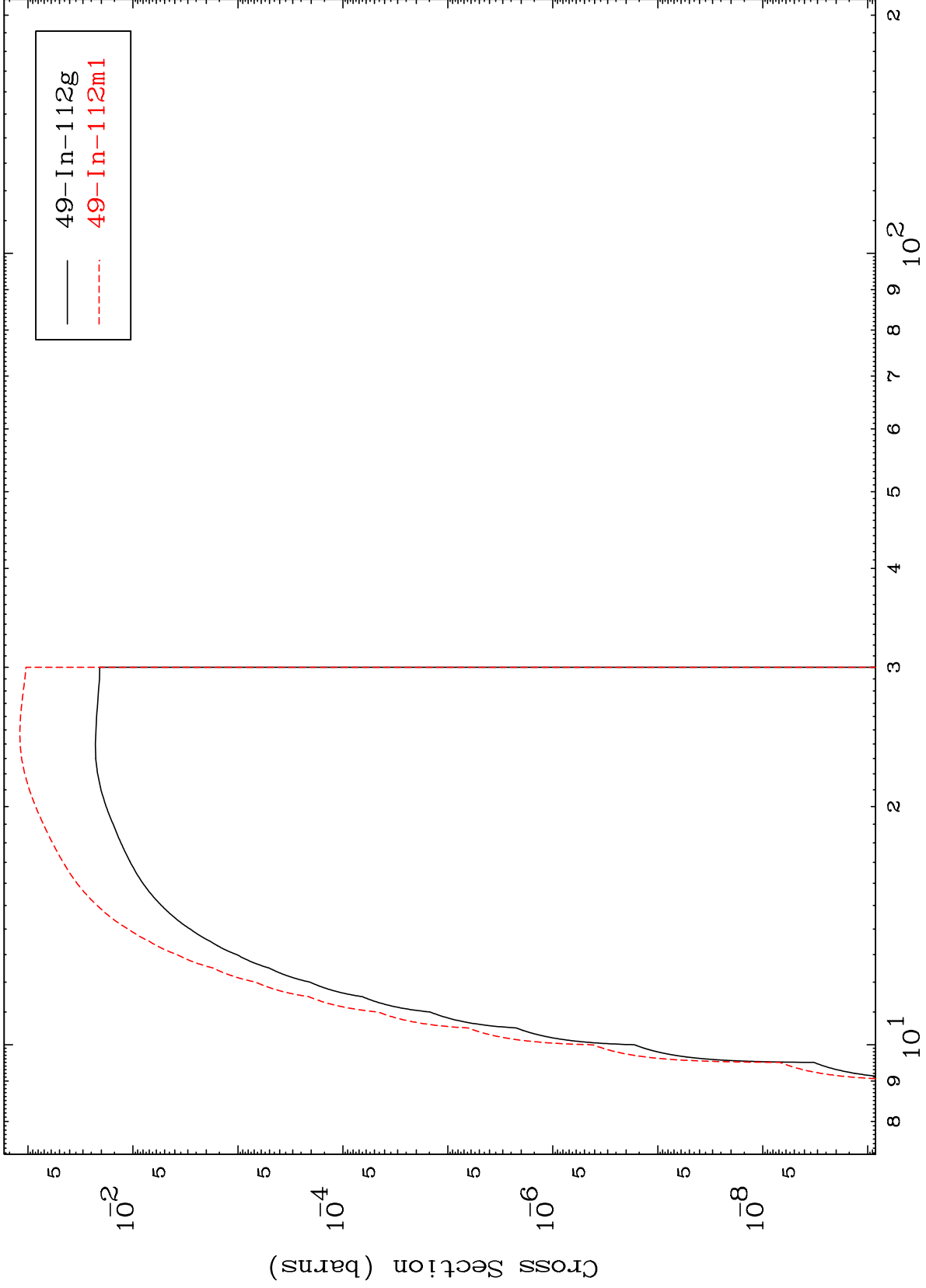
50-Sn-113

MAT 5029

(n,n') p

50-Sn-113

Radionuclide Production Cross Section



21

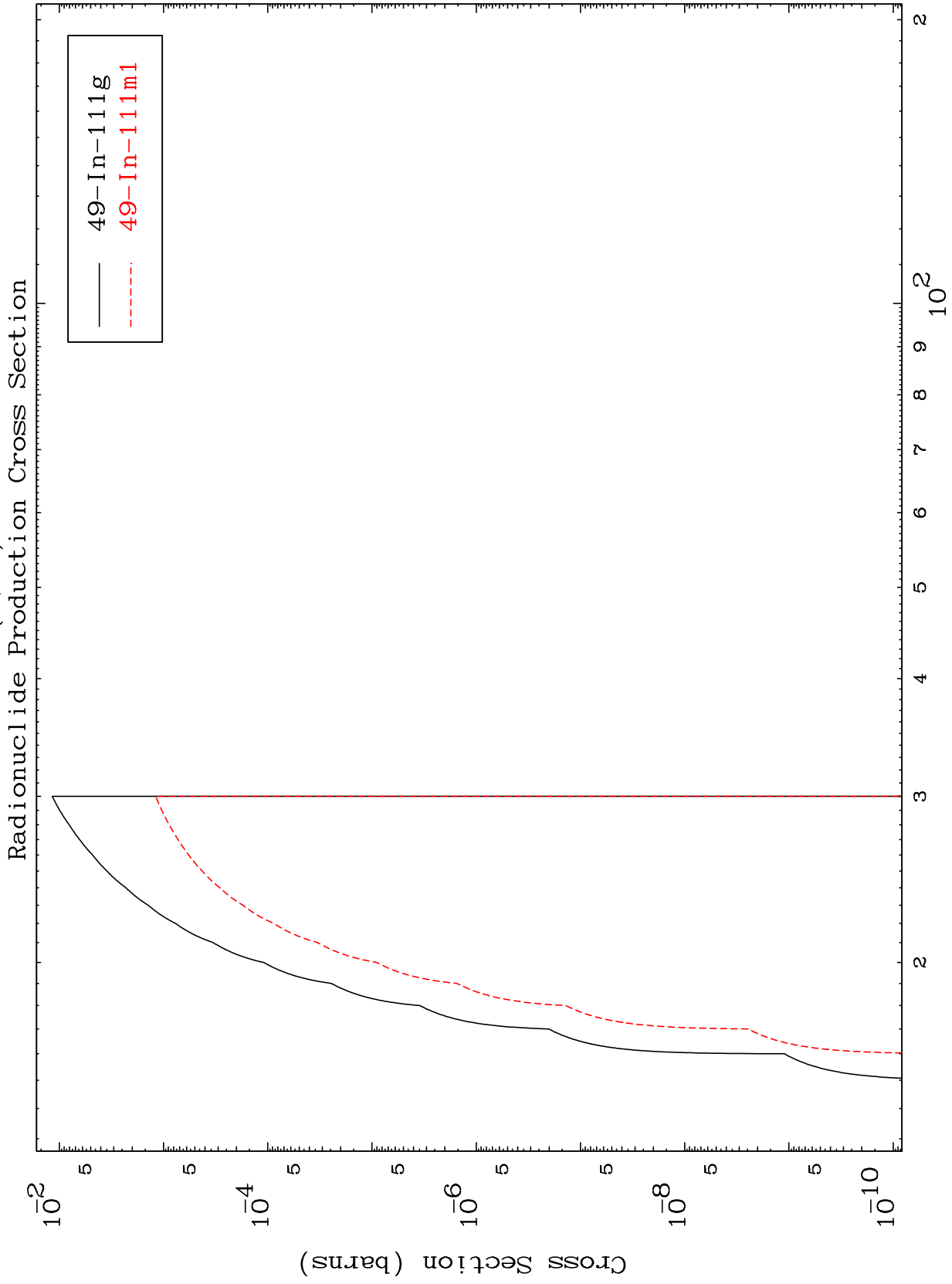
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,n') d

50-Sn-113



22

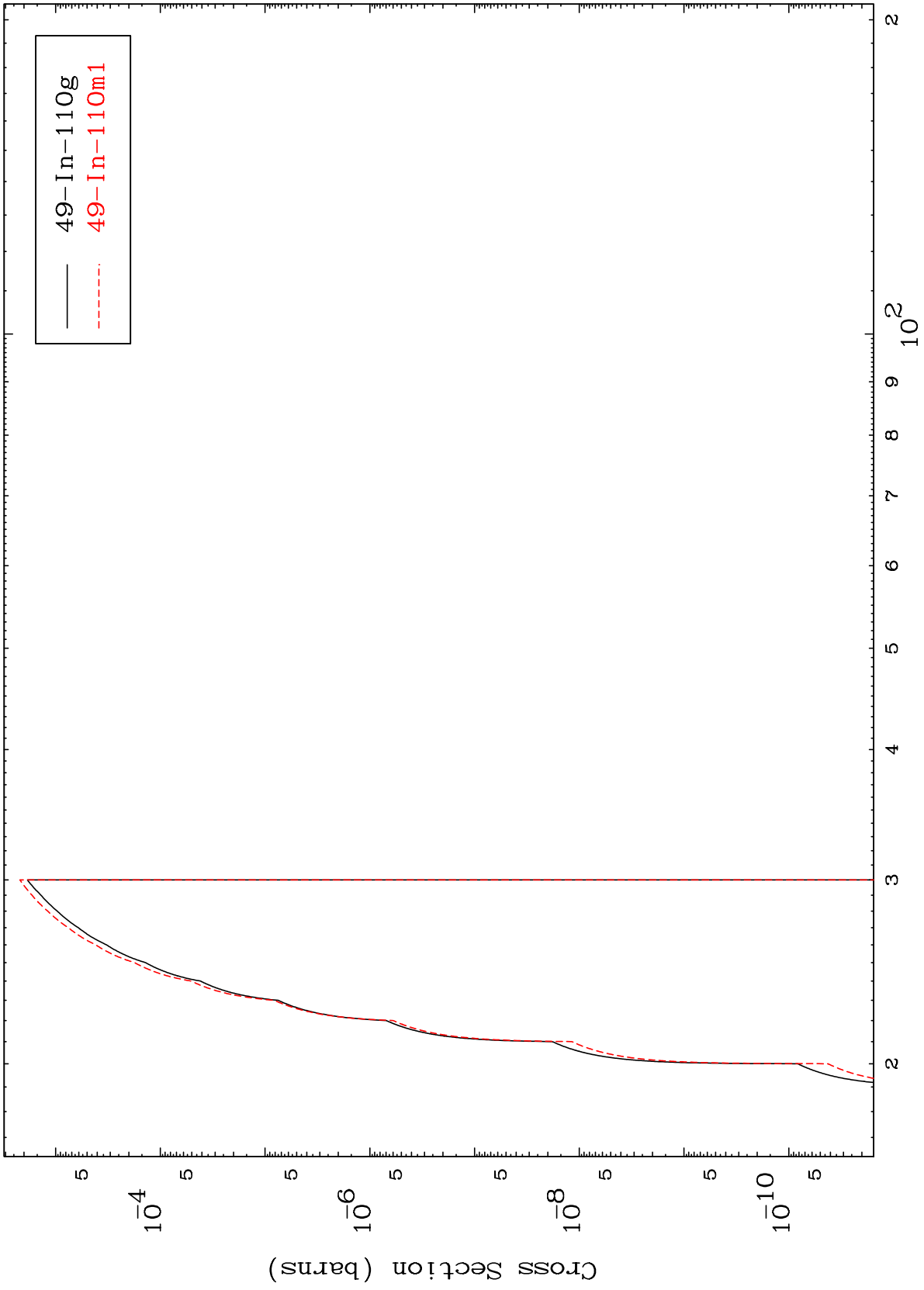
50-Sn-113

MAT 5029

(n,n') t

50-Sn-113

Radionuclide Production Cross Section



23

Incident Energy (MeV)

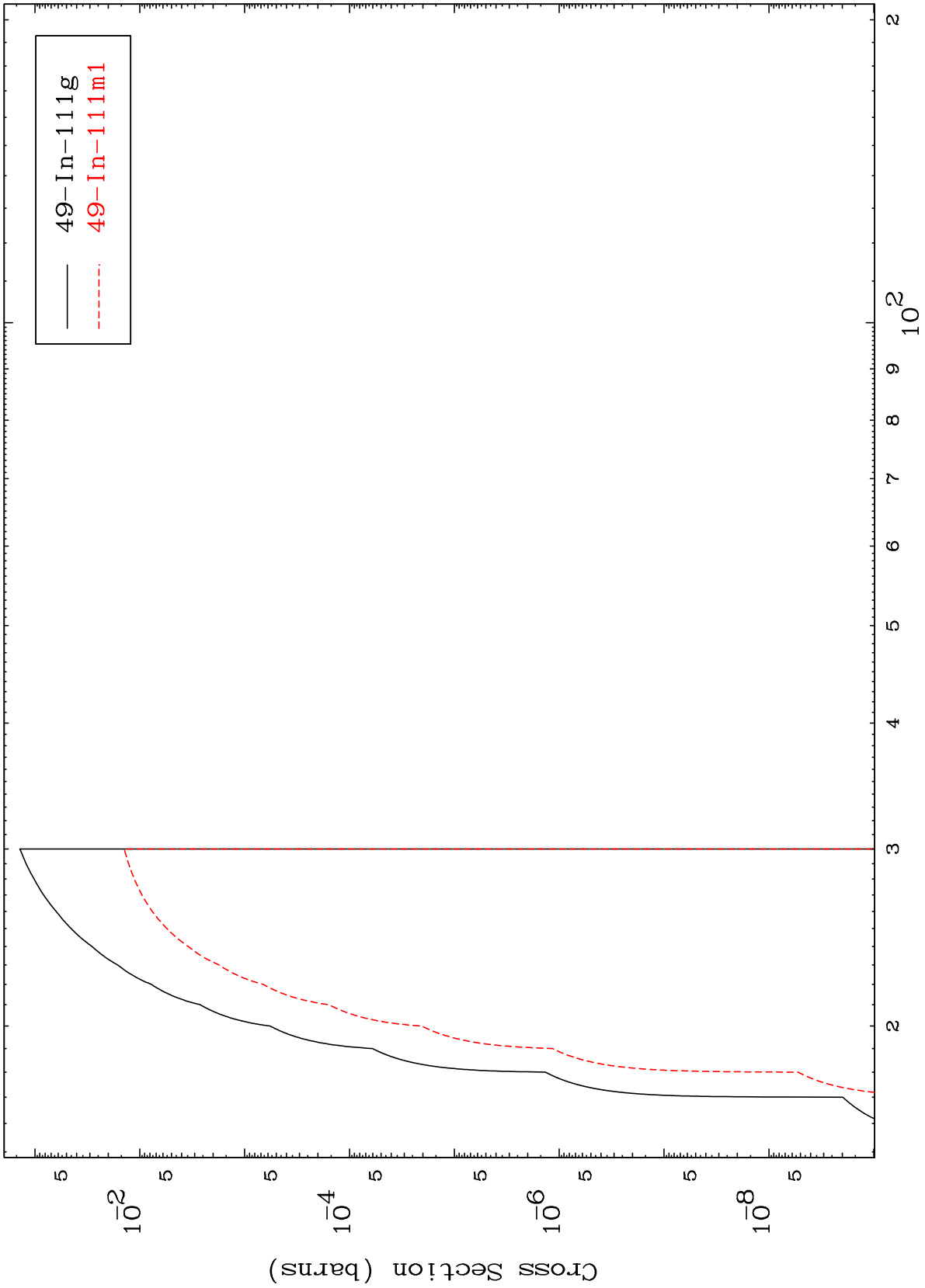
50-Sn-113

MAT 5029

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



24

Incident Energy (MeV)

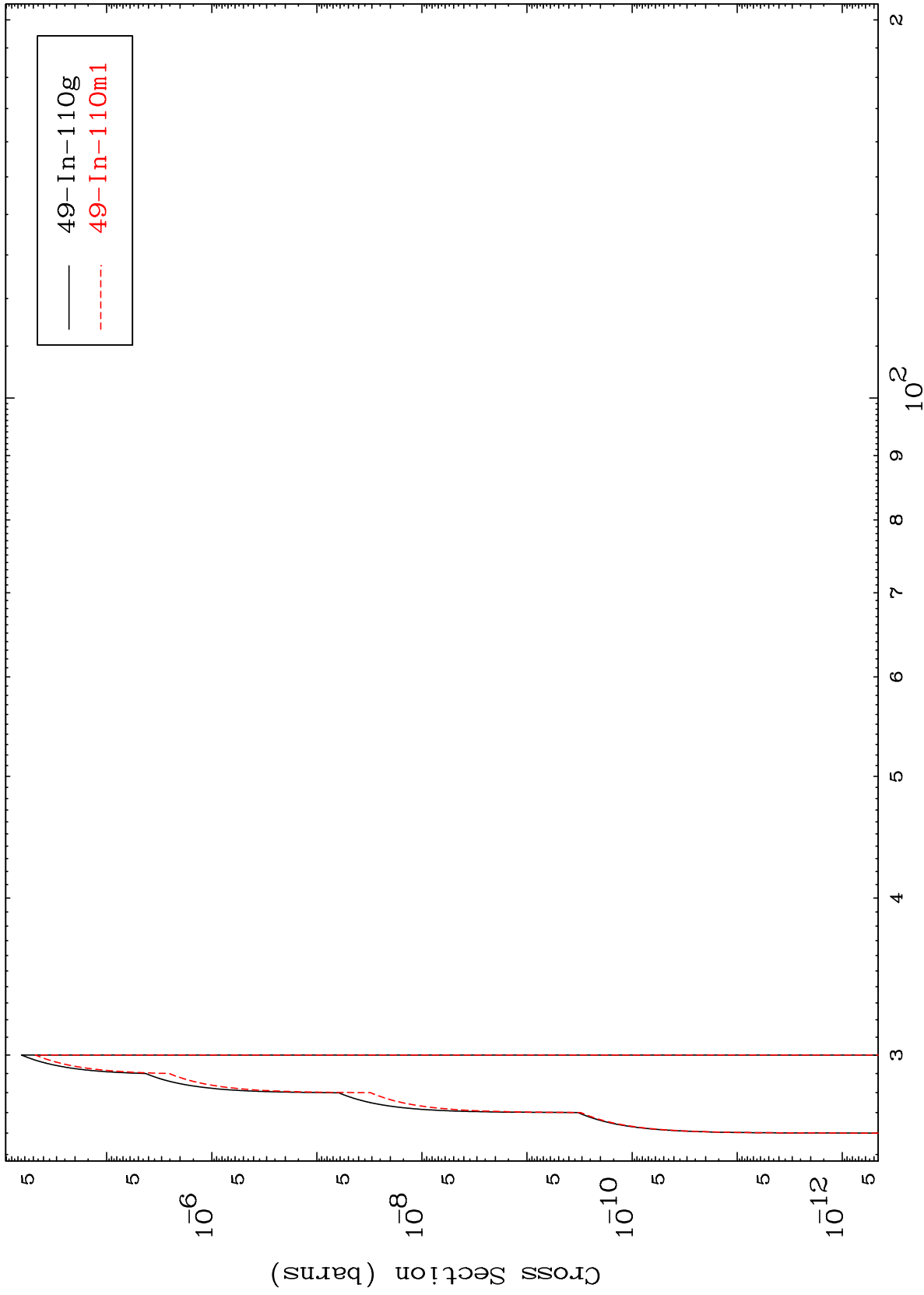
50-Sn-113

MAT 5029

(n,3n) p

50-Sn-113

Radionuclide Production Cross Section



25

Incident Energy (MeV)

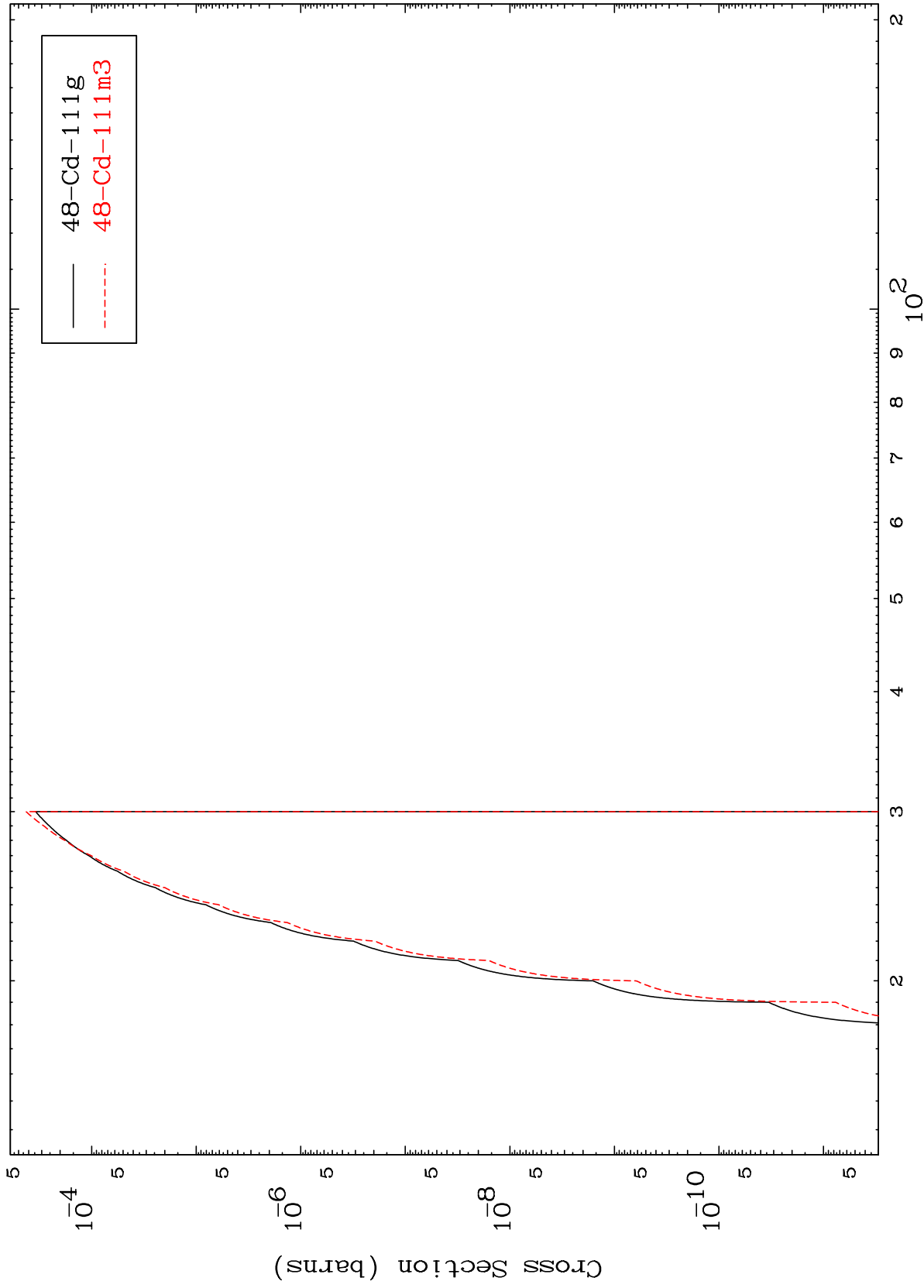
50-Sn-113

MAT 5029

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



26

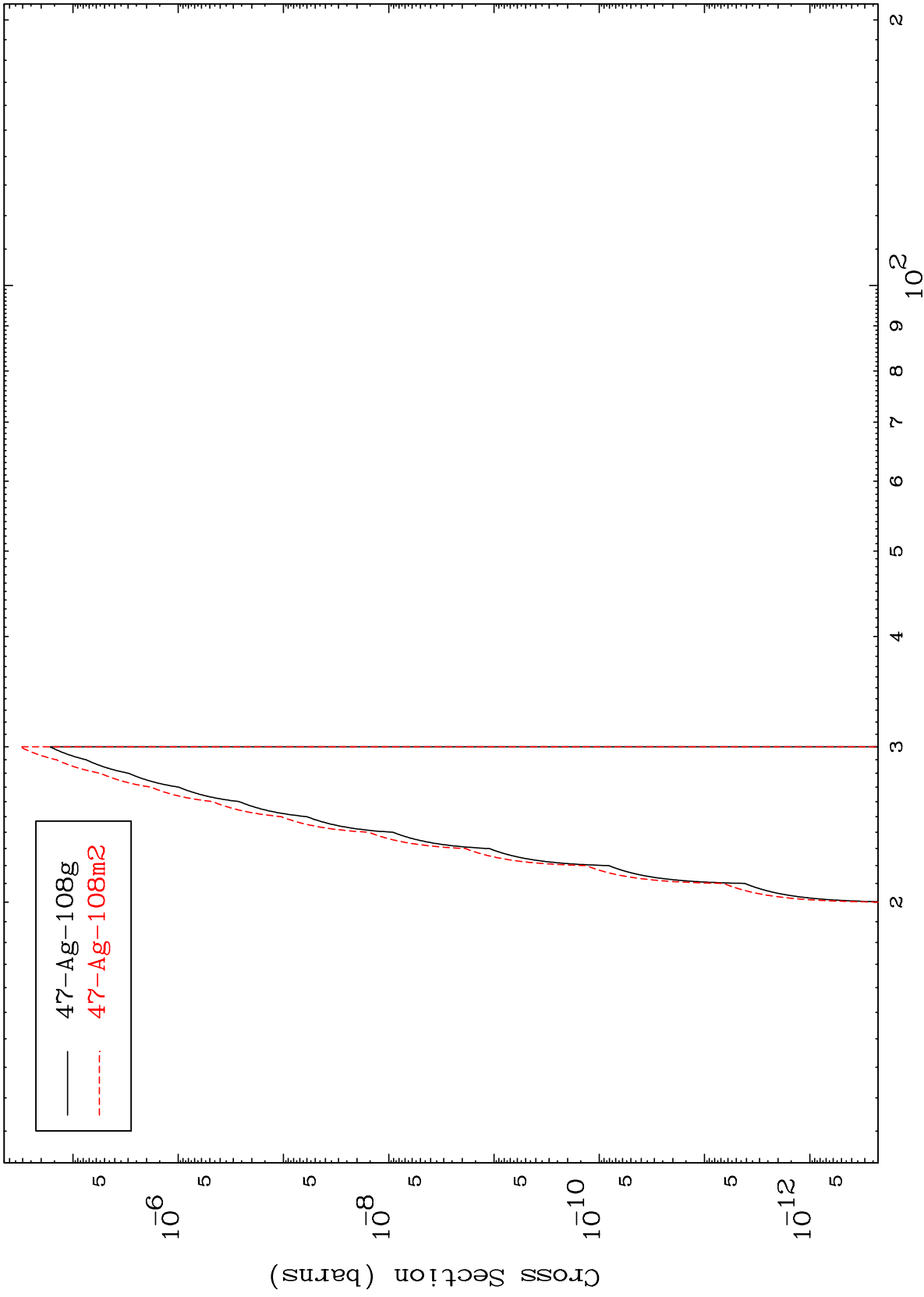
Incident Energy (MeV)

50-Sn-113

MAT 5029

50-Sn-113

(n,n') p α
Radionuclide Production Cross Section



27

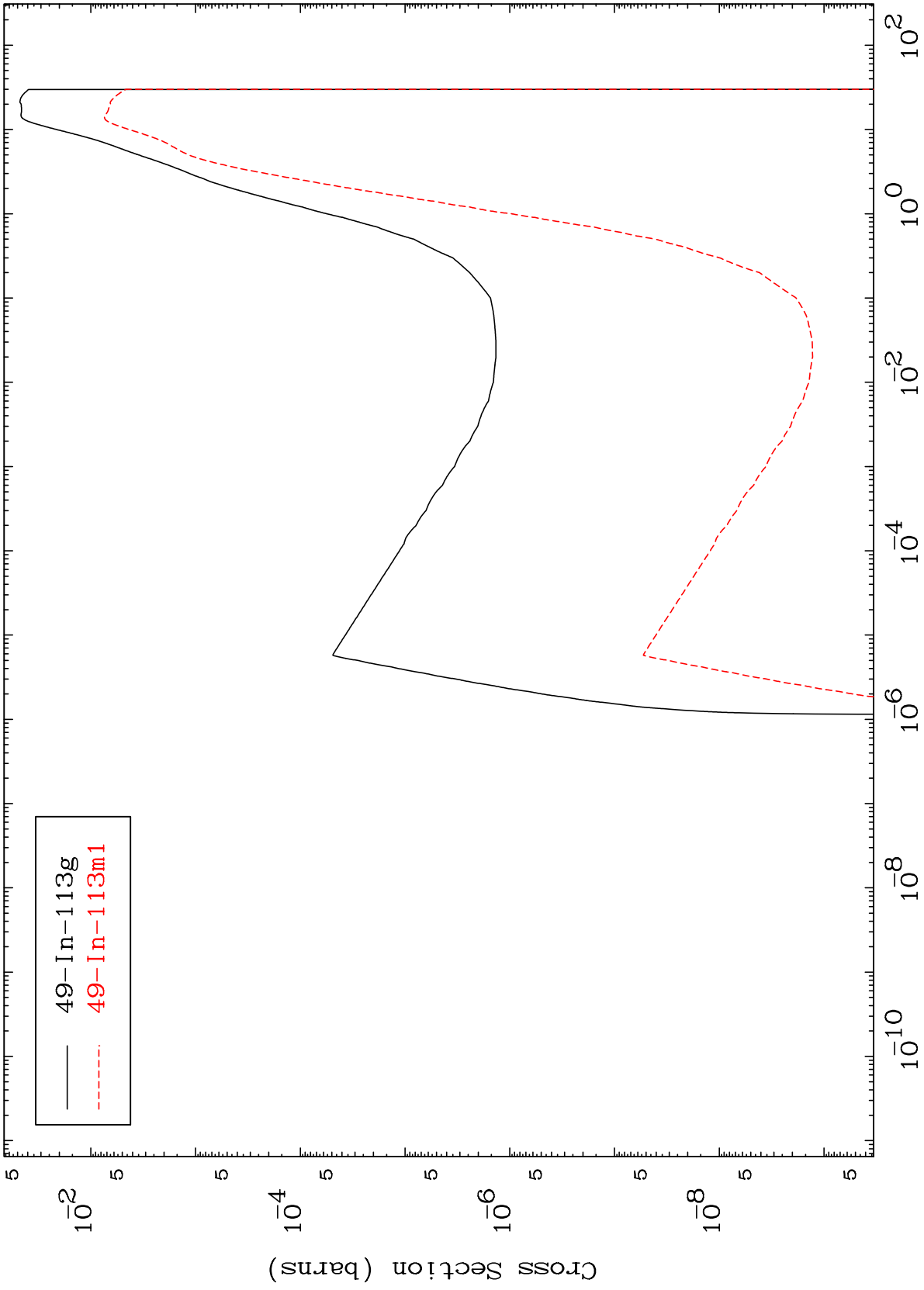
50-Sn-113

Incident Energy (MeV)

MAT 5029

(n,p)
Radionuclide Production Cross Section

50-Sn-113



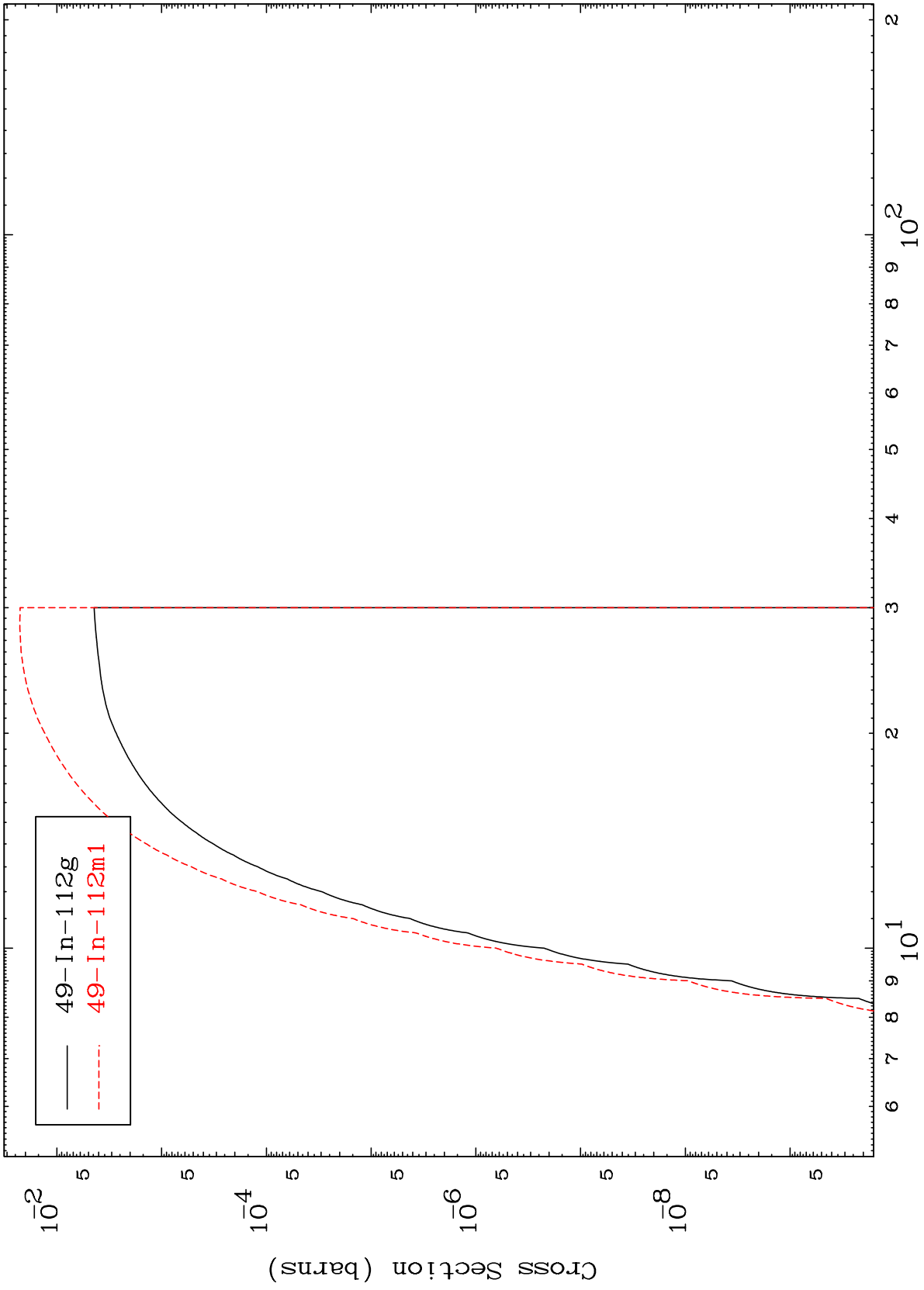
28

50-Sn-113

MAT 5029

50-Sn-113

(n,d)
Radionuclide Production Cross Section



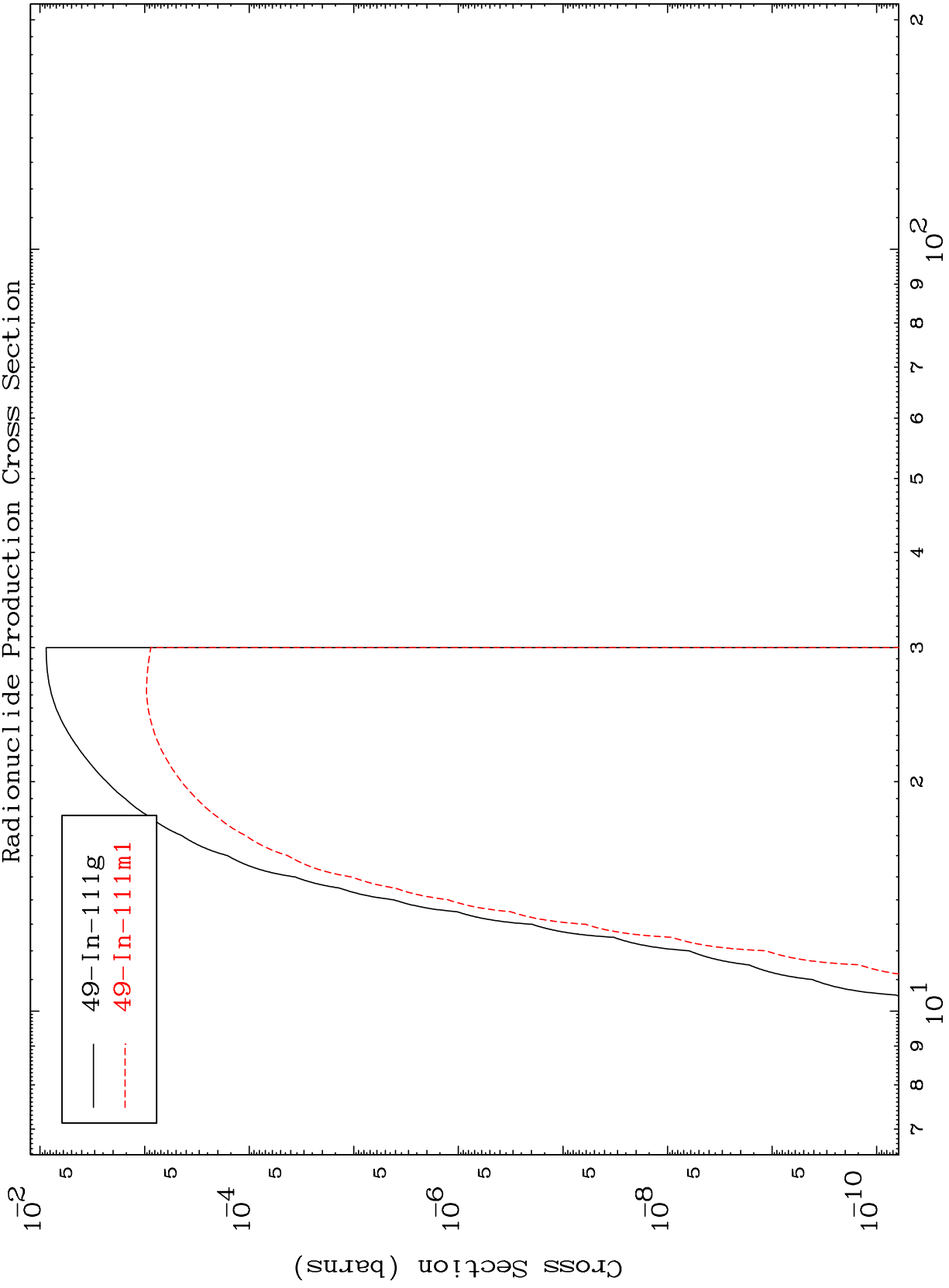
29

50-Sn-113

MAT 5029

50-Sn-113

(n, t)
Radionuclide Production Cross Section



30

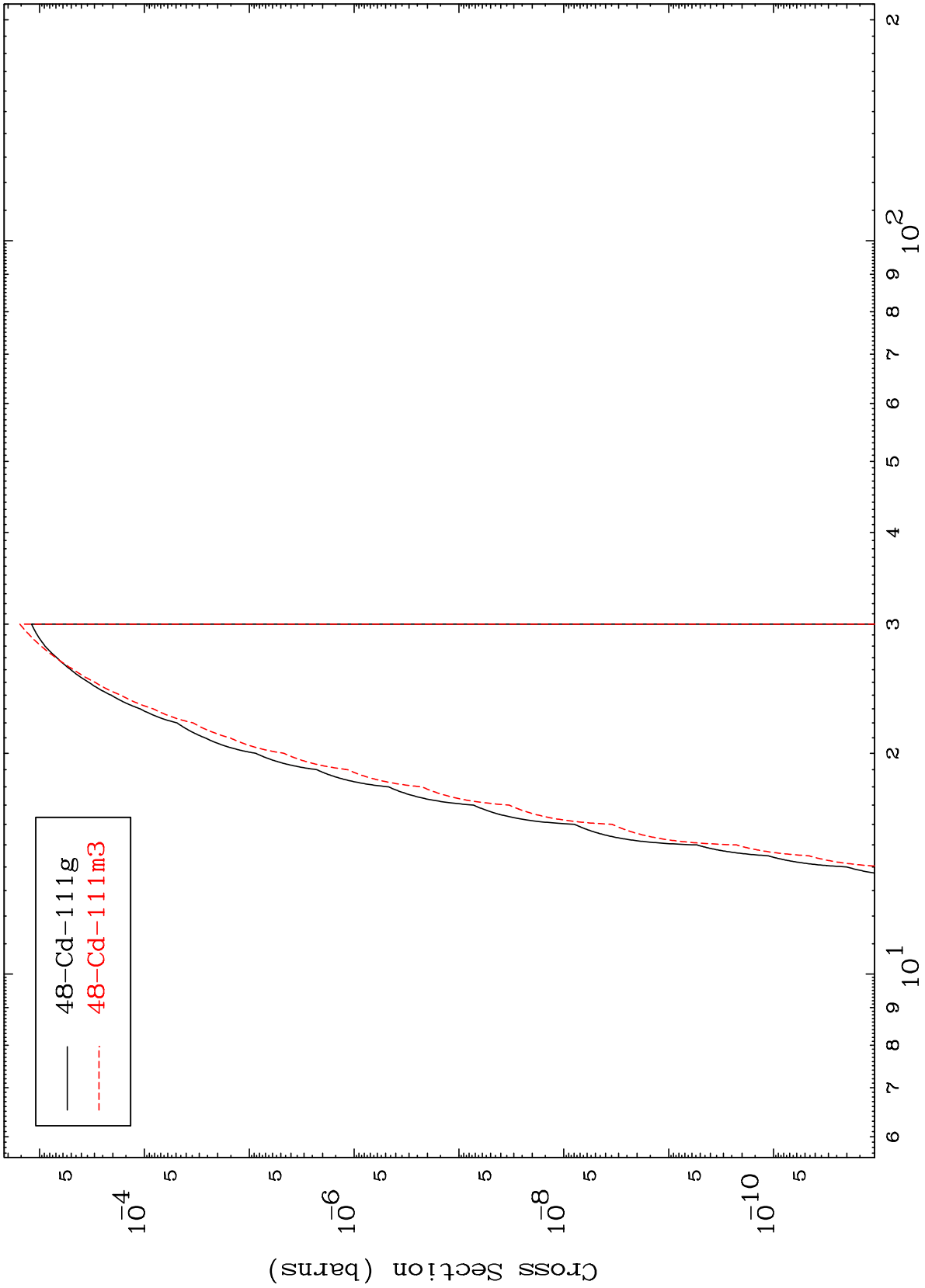
50-Sn-113

MAT 5029

(n,He-3)

50-Sn-113

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

31

Incident Energy (MeV)

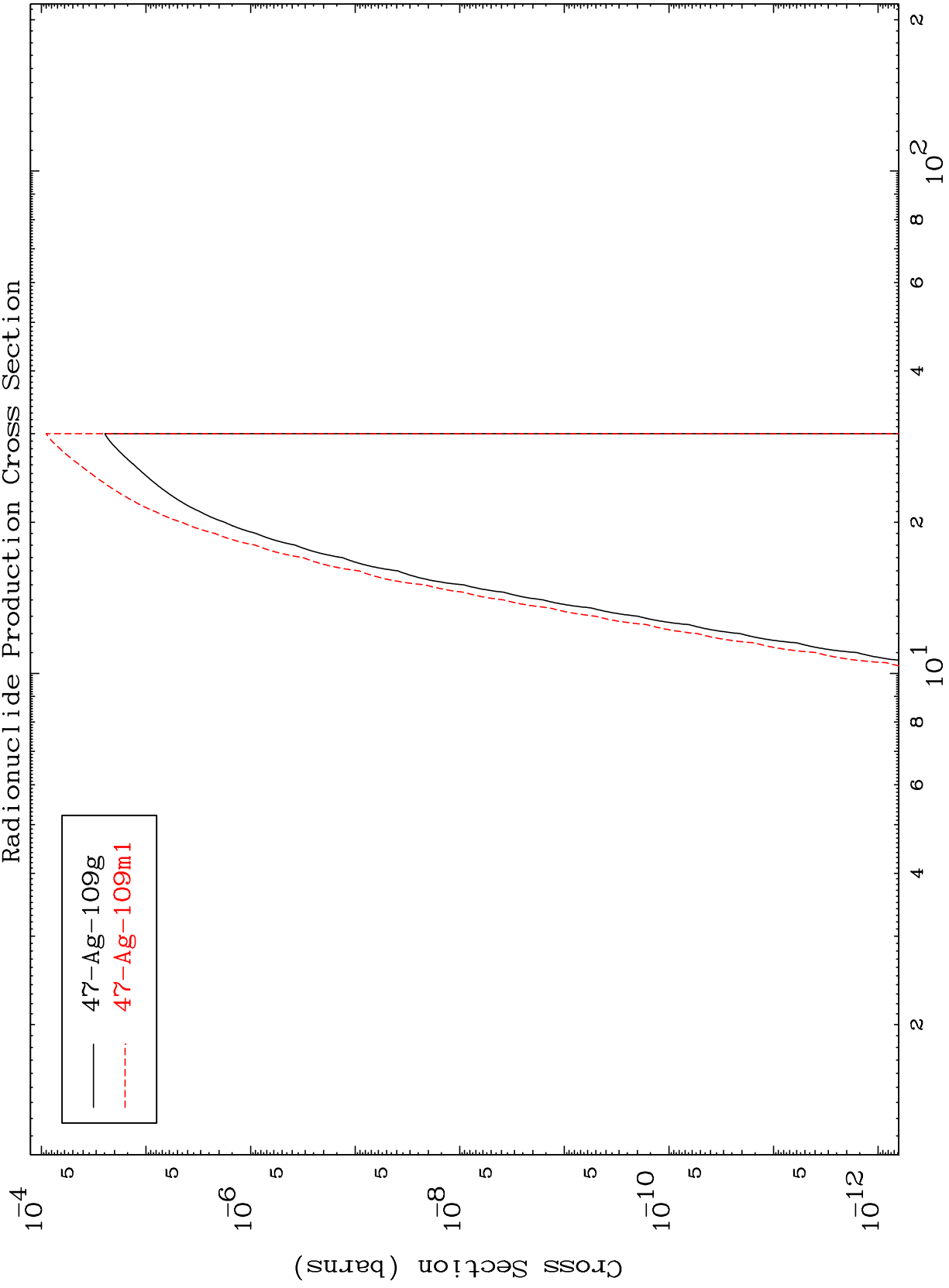
50-Sn-113

MAT 5029

(n,p) α

50-Sn-113

Radionuclide Production Cross Section



32

Incident Energy (MeV)

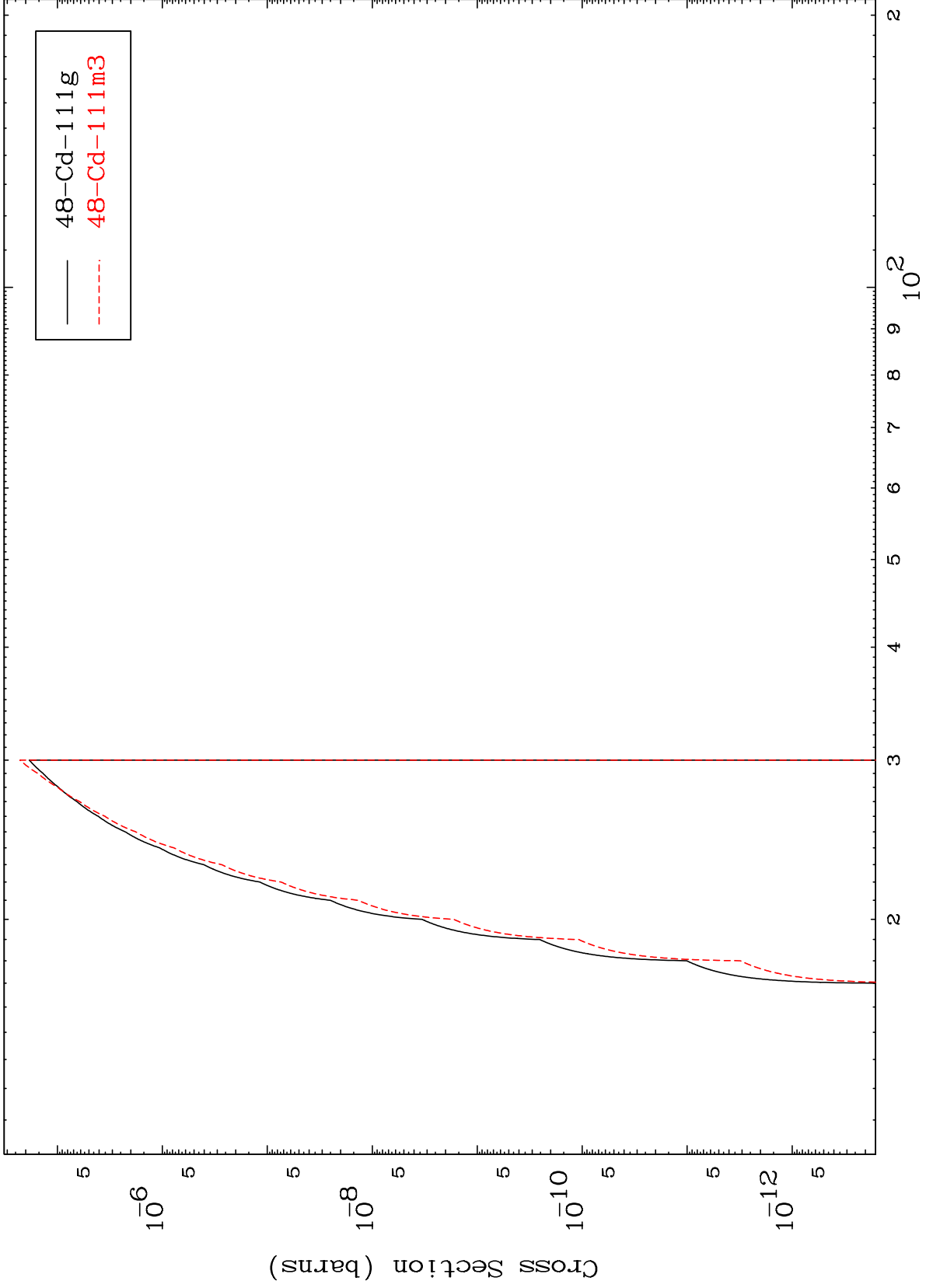
50-Sn-113

MAT 5029

(n,p) d

50-Sn-113

Radionuclide Production Cross Section



33

Incident Energy (MeV)

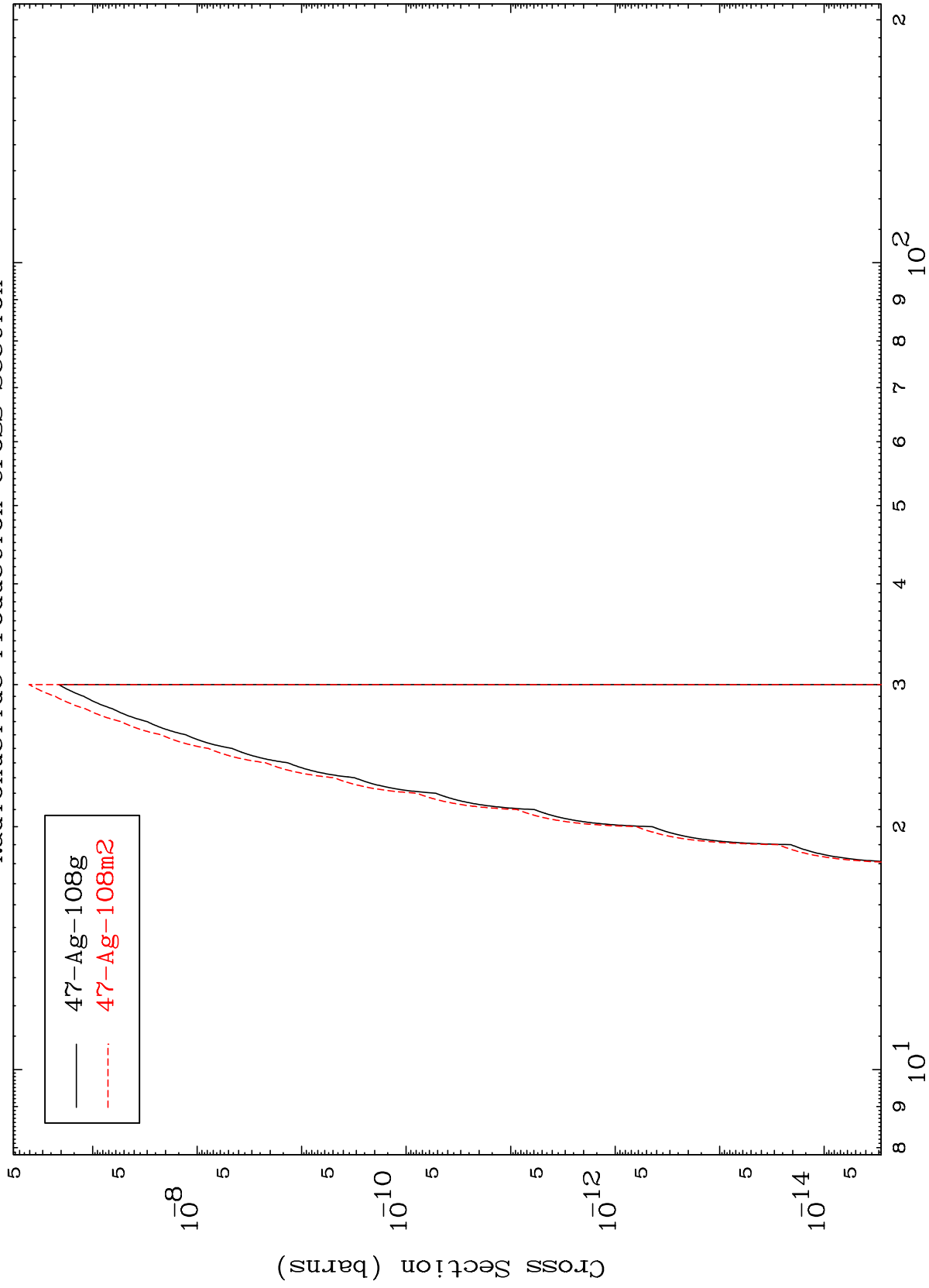
50-Sn-113

MAT 5029

(n,d) α

50-Sn-113

Radionuclide Production Cross Section



34

Incident Energy (MeV)

50-Sn-113