

Program EVALPLOT
(Version 2021-1)

by

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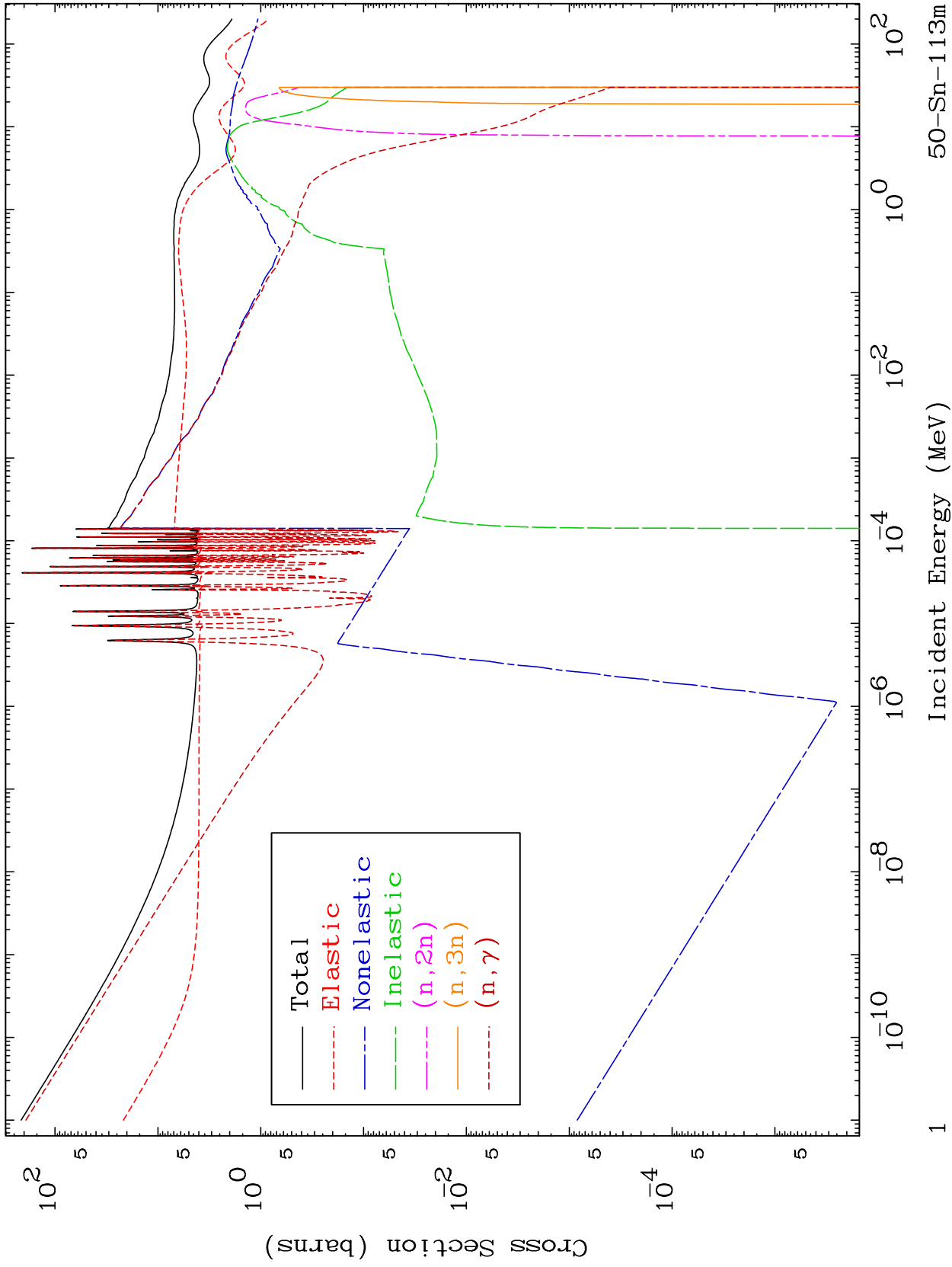
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5029

Neutron Major
293 Kelvin Cross Sections

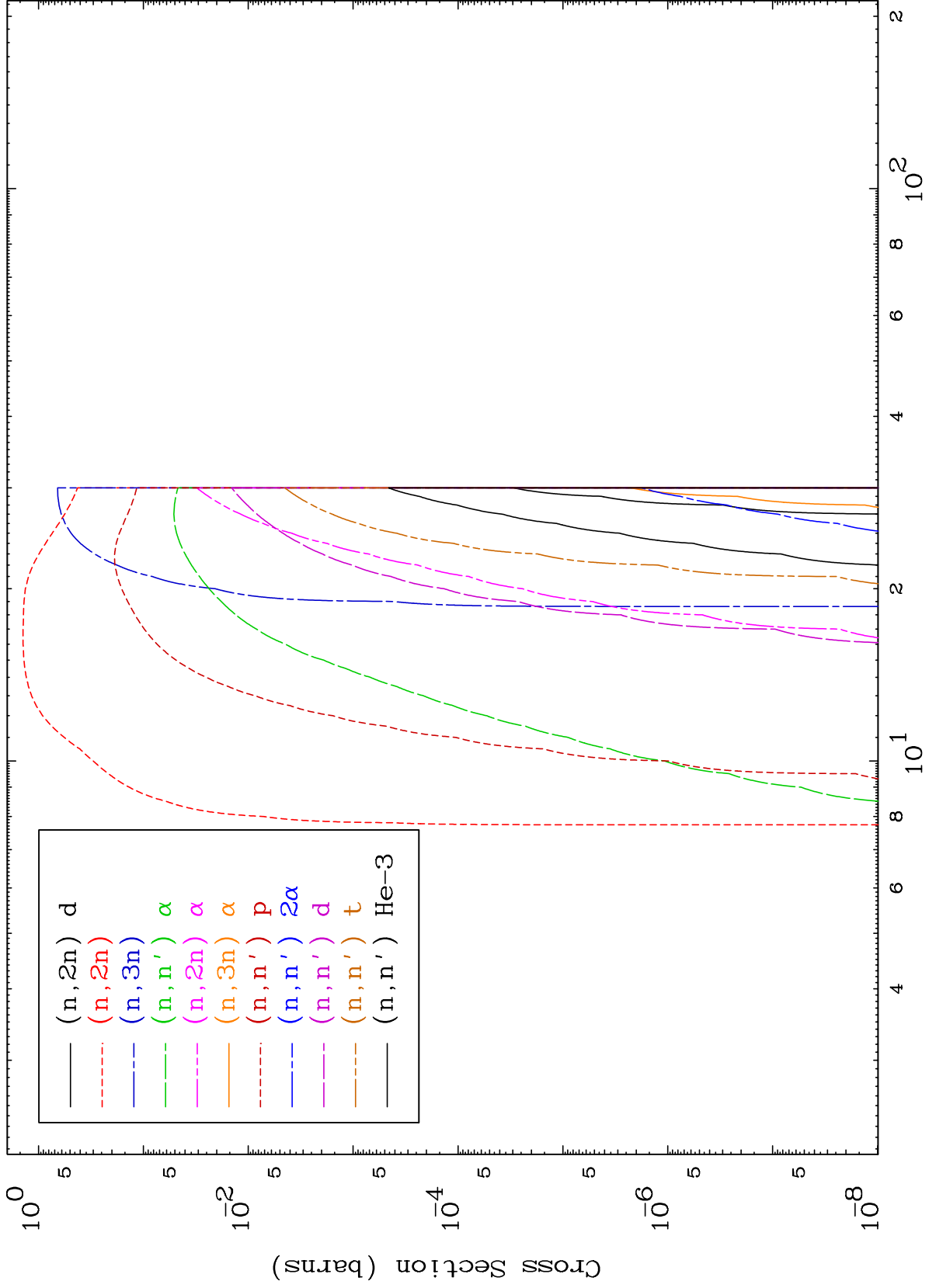
50-Sn-113m



MAT 5029

Neutron Absorption
293 Kelvin Cross Sections

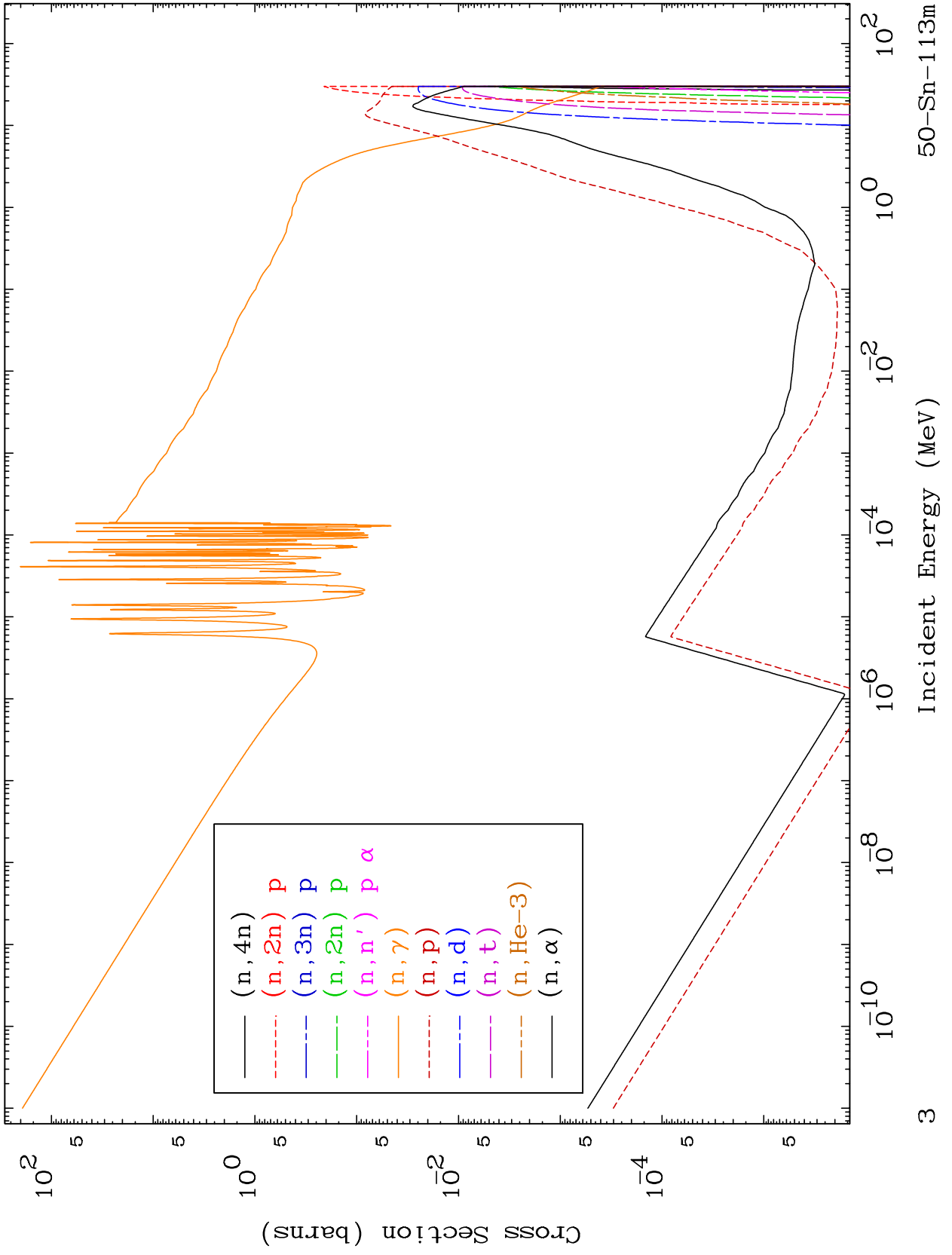
50-Sn-113m



MAT 5029

Neutron Absorption
293 Kelvin Cross Sections

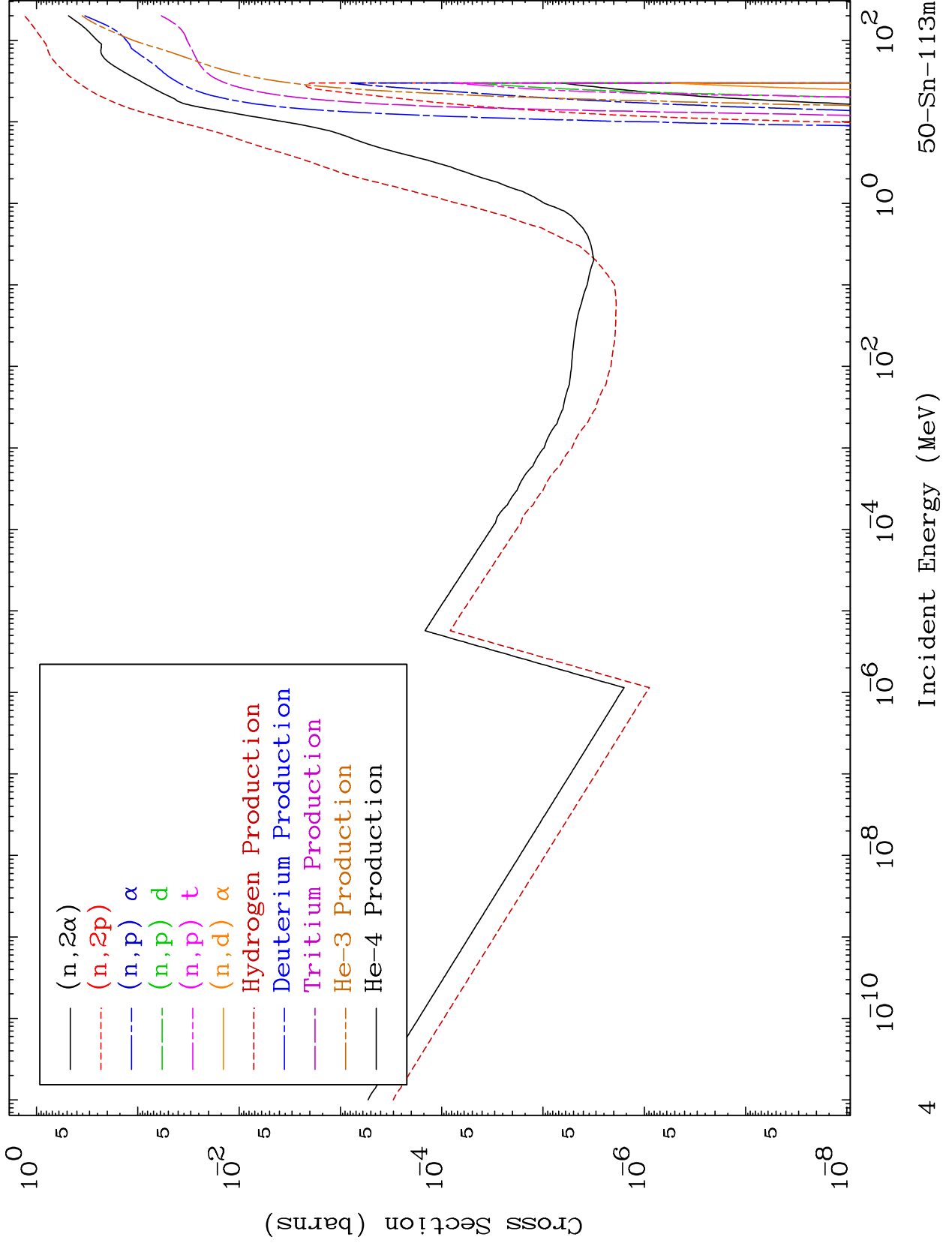
50-Sn-113m



MAT 5029

Neutron Absorption
293 Kelvin Cross Sections

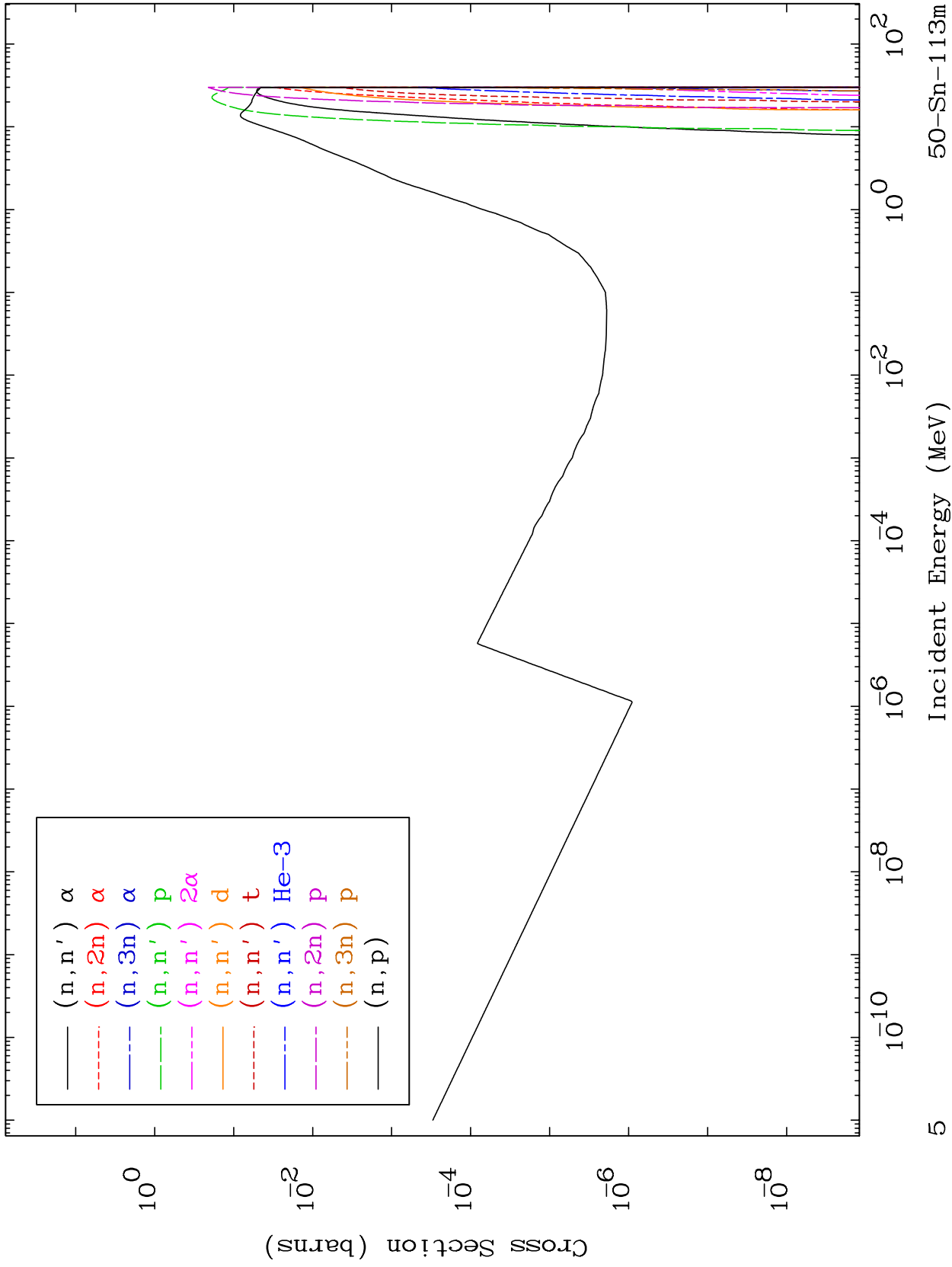
50-Sn-113m



MAT 5029

Charged Particle
293 Kelvin Cross Sections

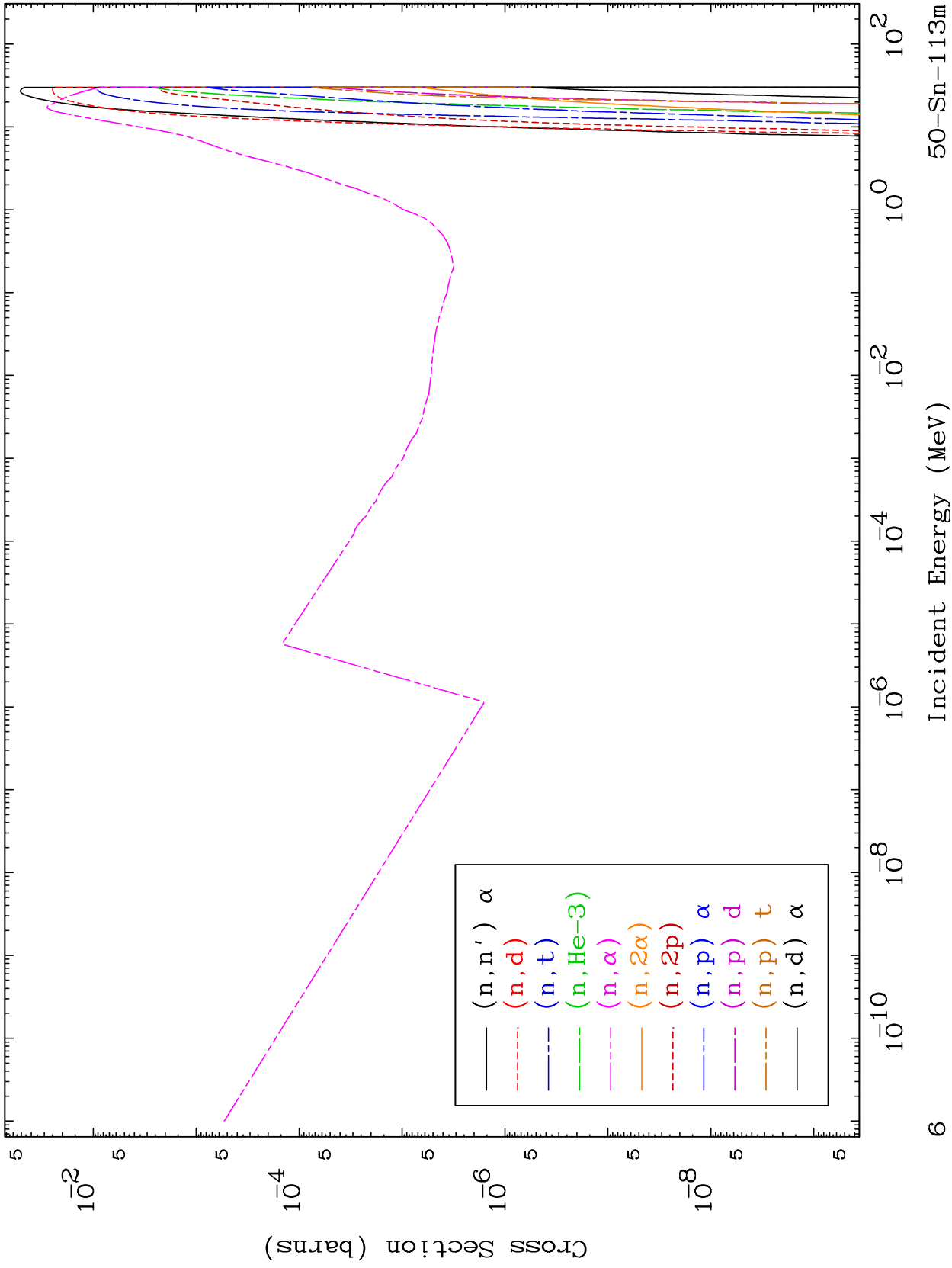
50-Sn-113m



MAT 5029

Charged Particle
293 Kelvin Cross Sections

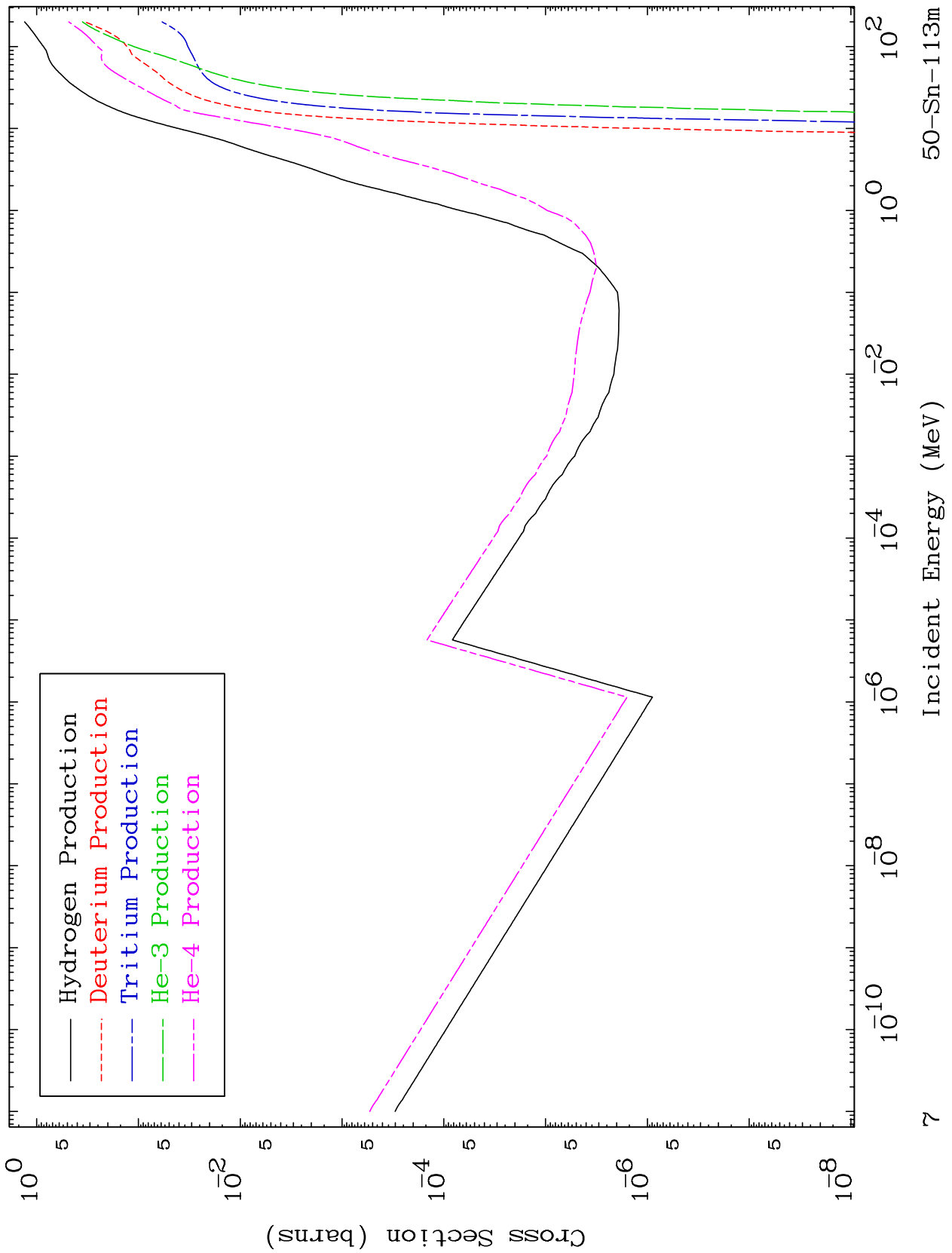
50-Sn-113m



MAT 5029

Particle Production
293 Kelvin Cross Sections

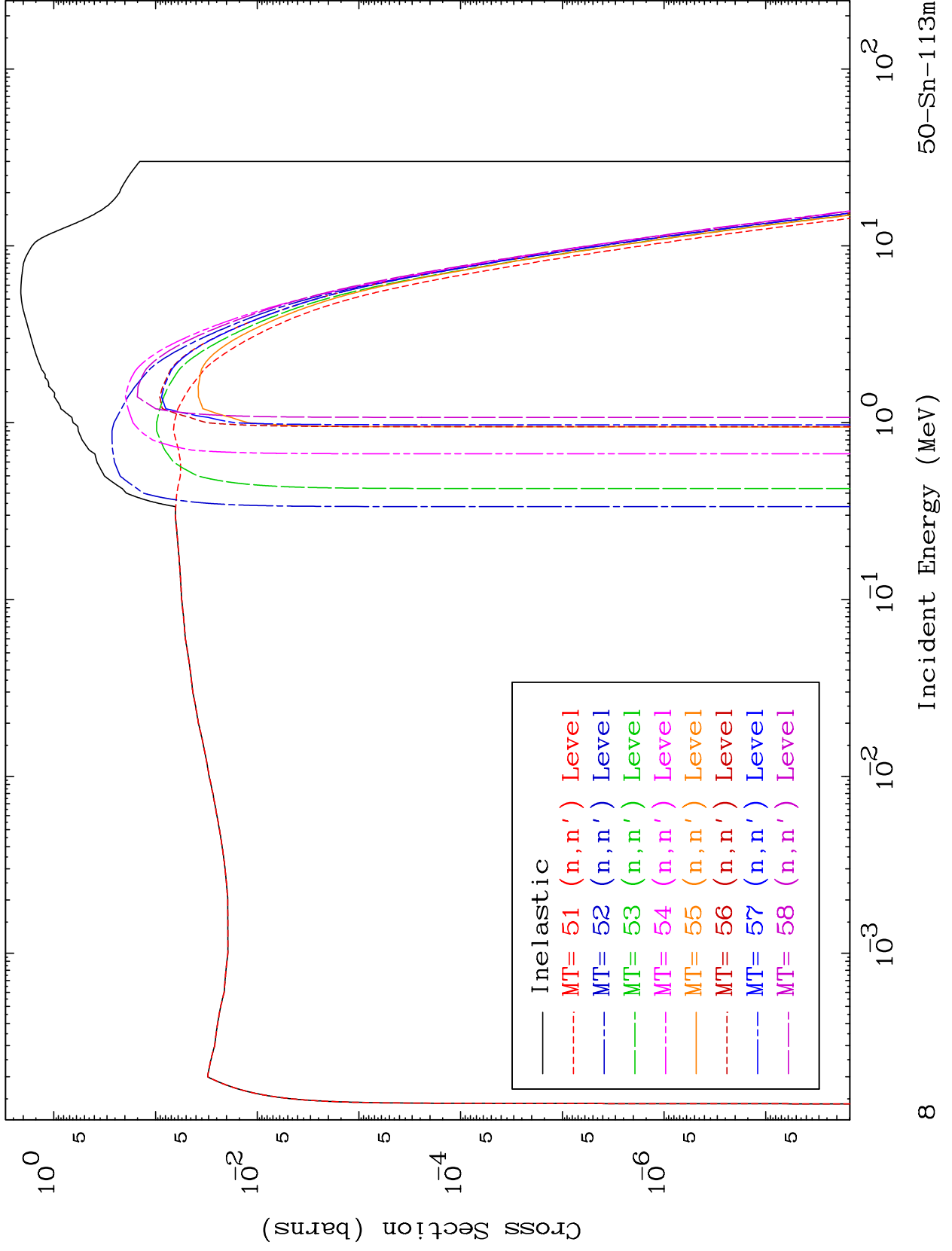
50-Sn-113m



MAT 5029

(n,n') Levels
293 Kelvin Cross Sections

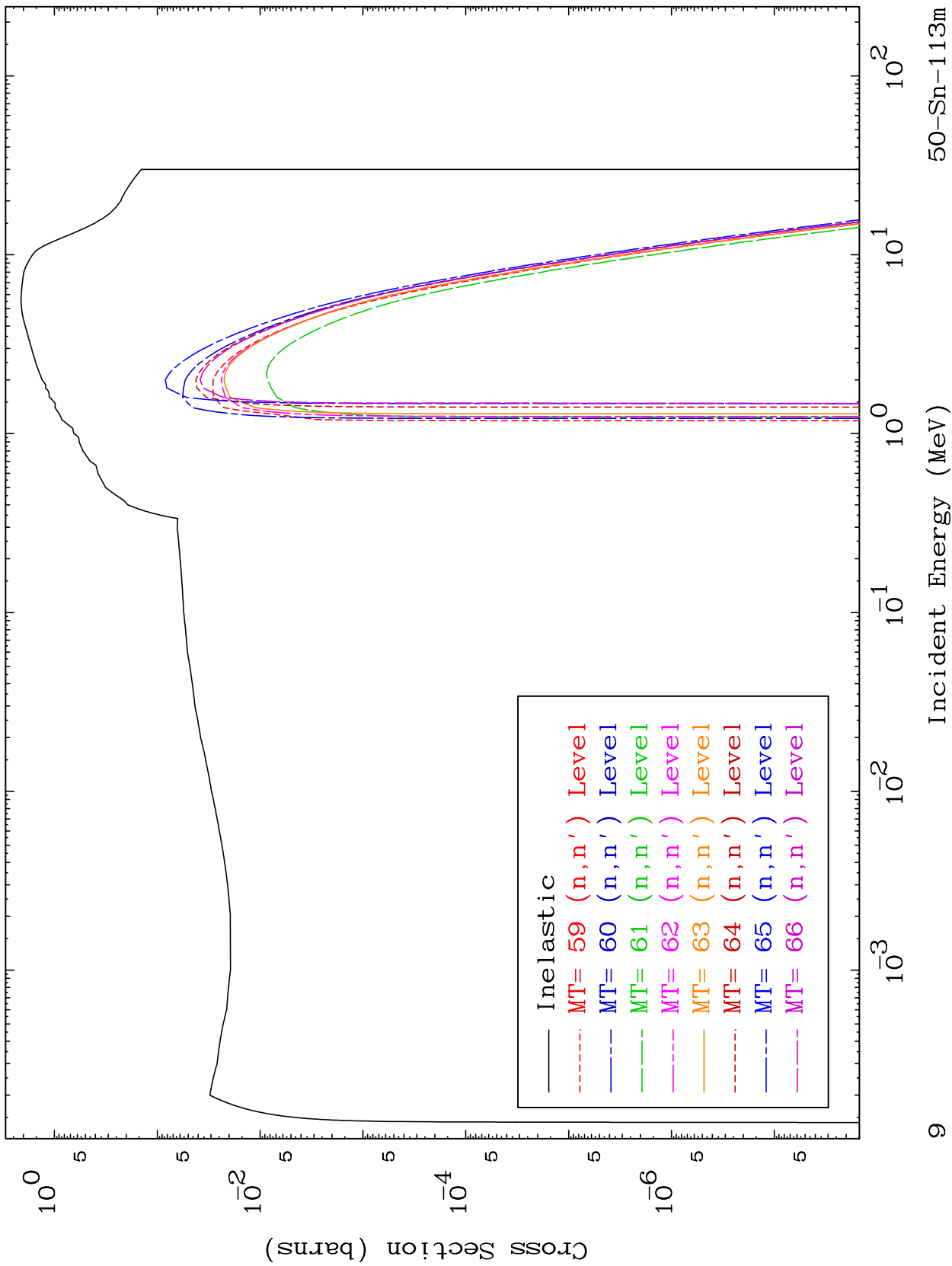
50-Sn-113m



MAT 5029

(n,n') Levels
293 Kelvin Cross Sections

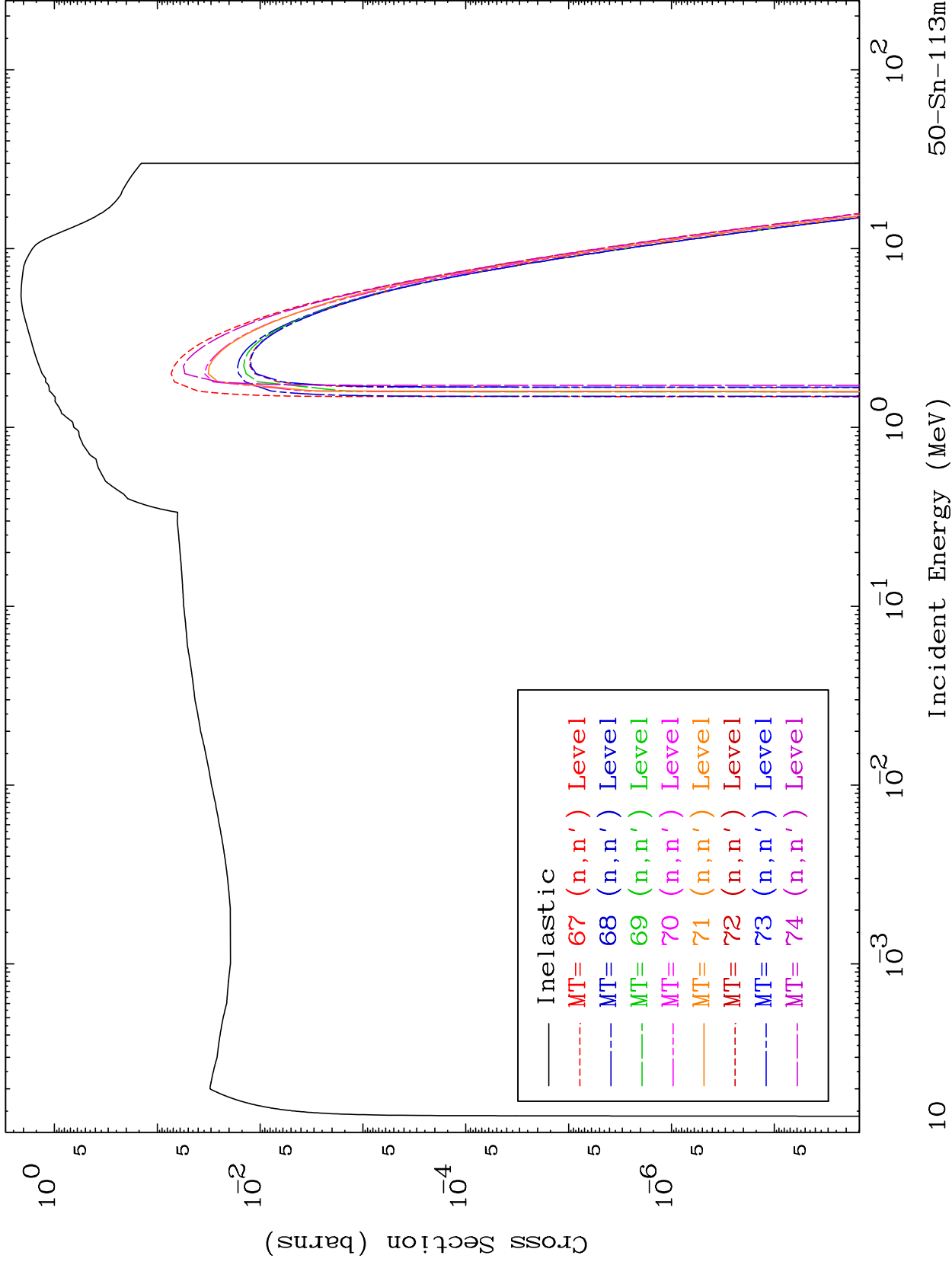
50-Sn-113m



MAT 5029

(n,n') Levels
293 Kelvin Cross Sections

50-Sn-113m



10

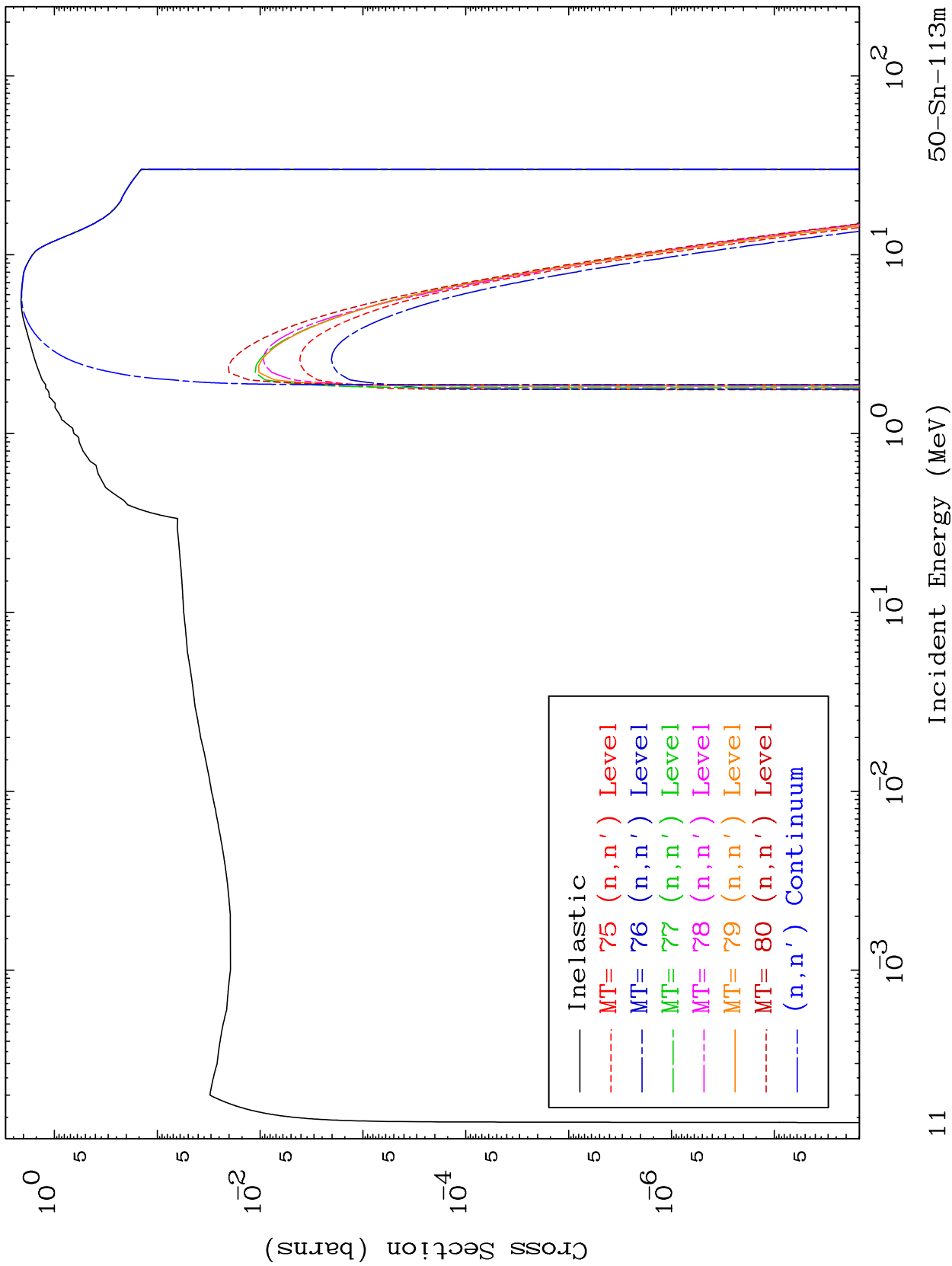
Incident Energy (MeV)

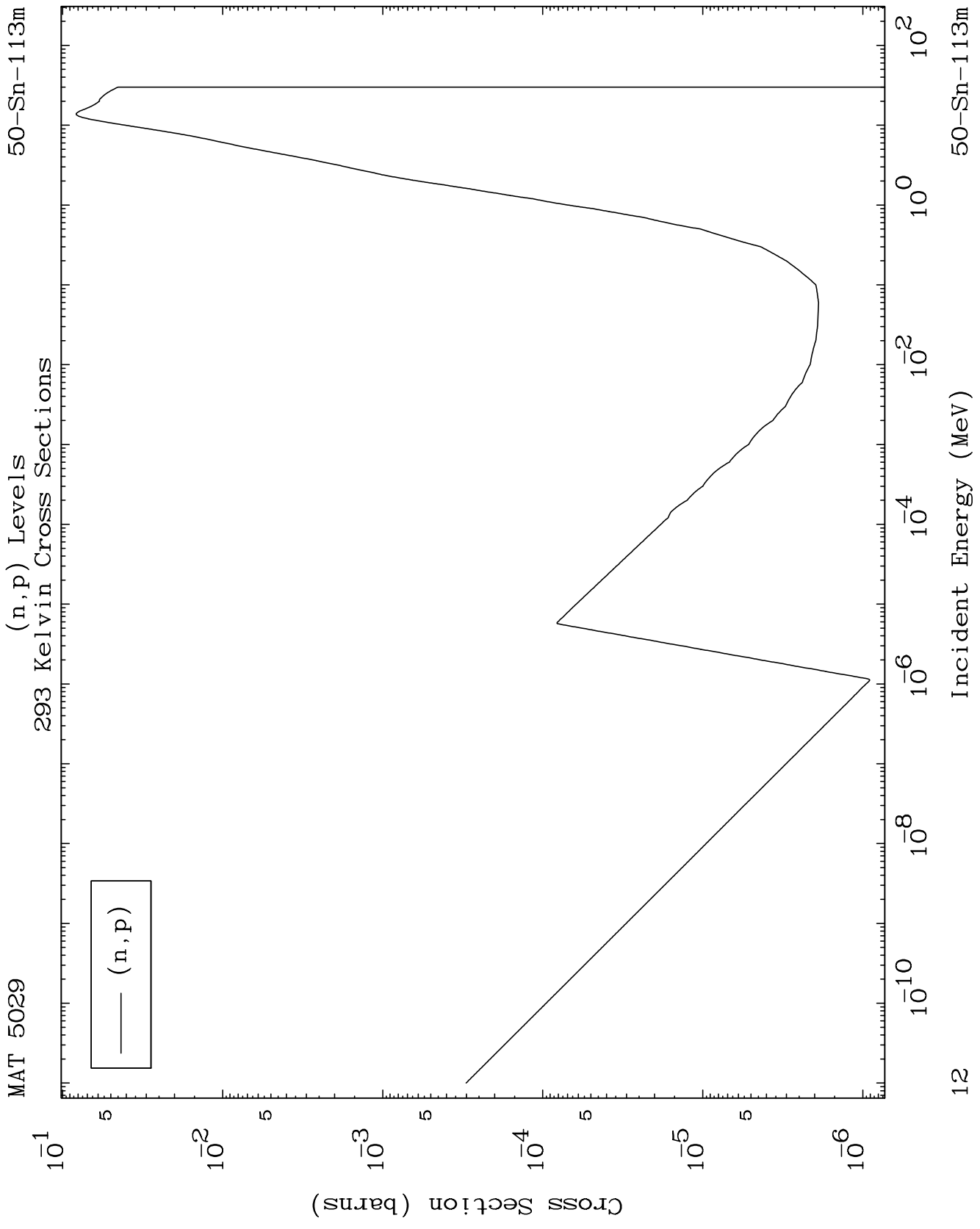
50-Sn-113m

MAT 5029

(n,n') Levels
293 Kelvin Cross Sections

50-Sn-113m

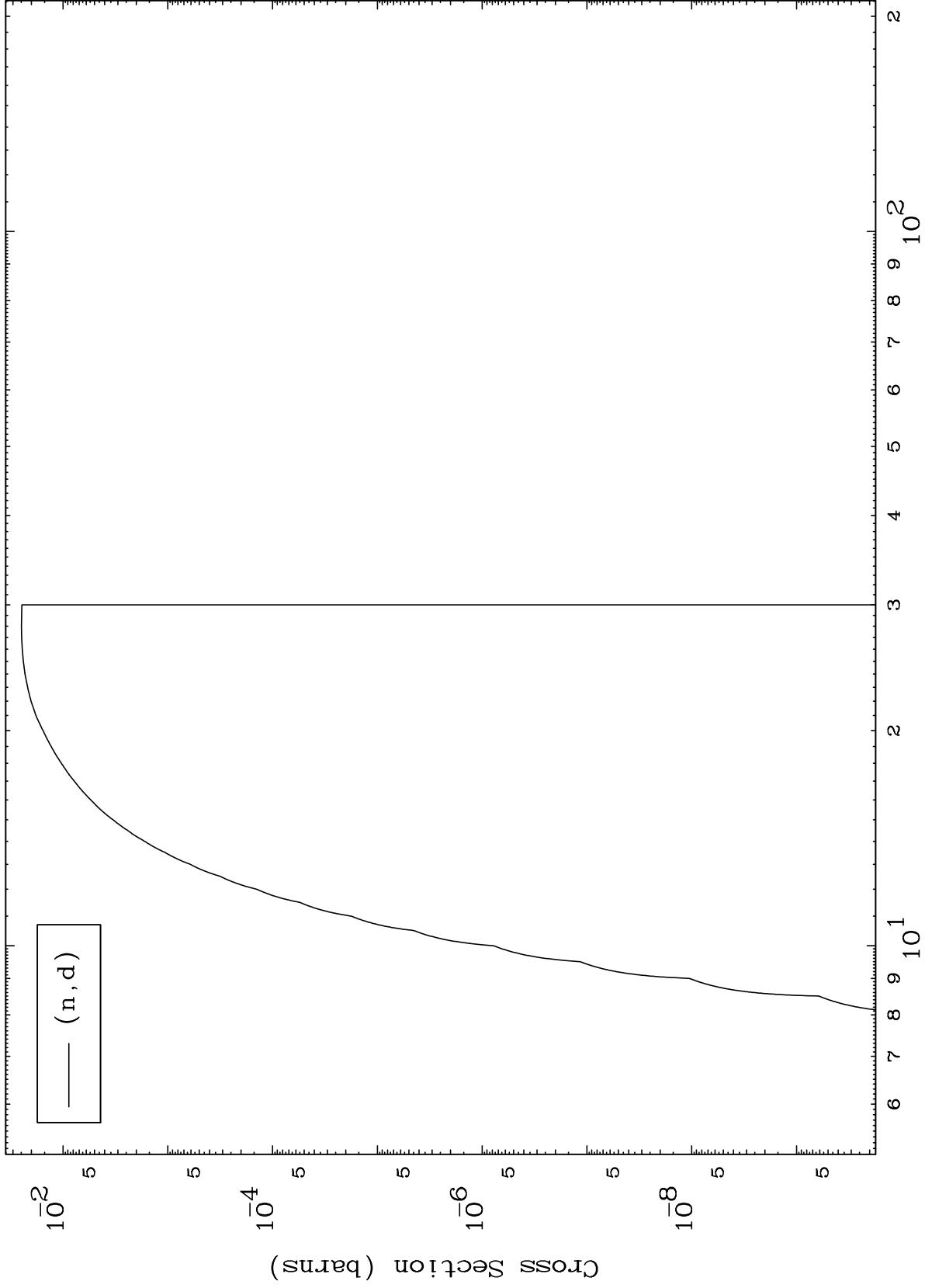




MAT 5029

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-113m



13

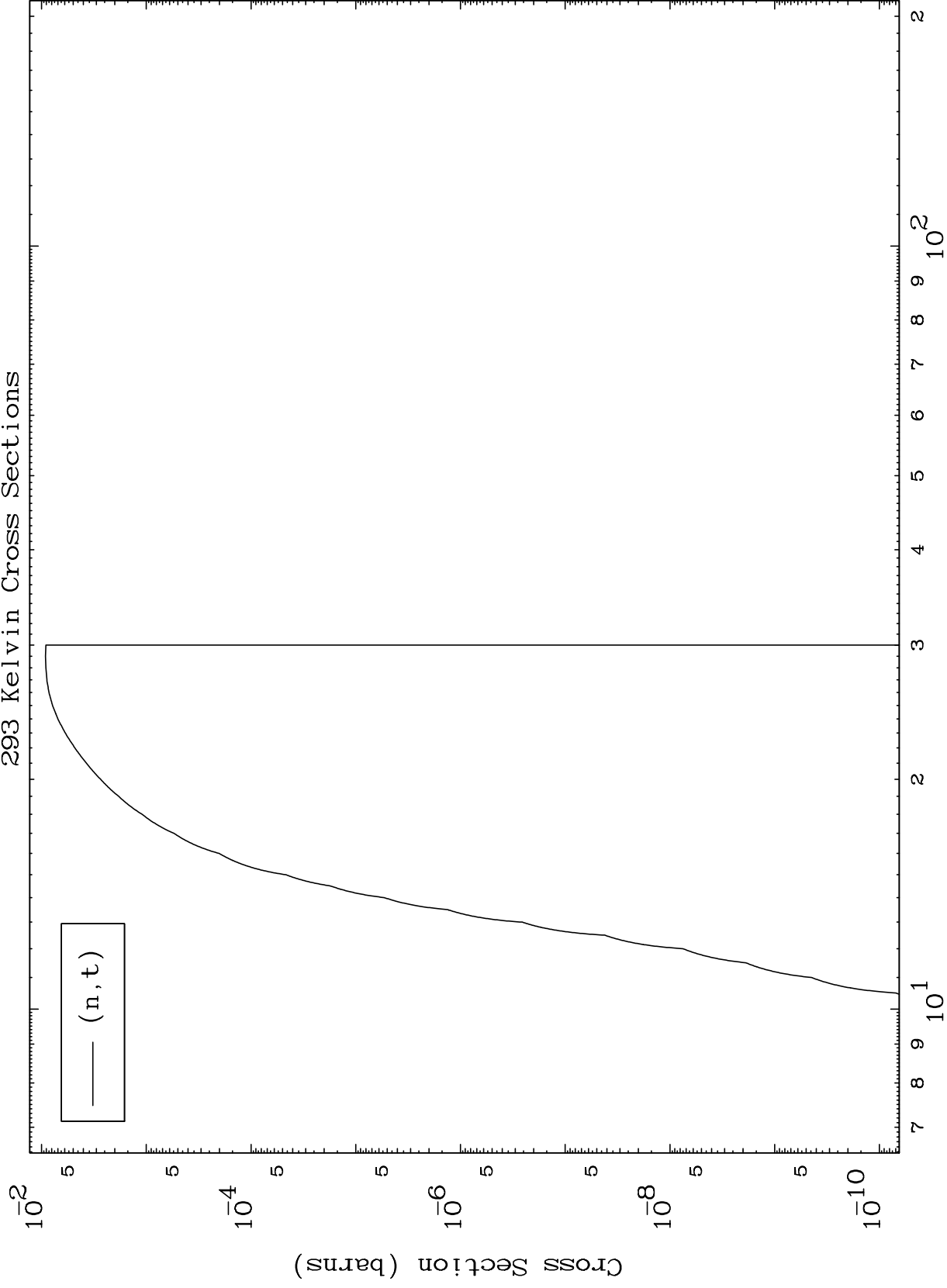
Incident Energy (MeV)

50-Sn-113m

MAT 5029

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-113m



14

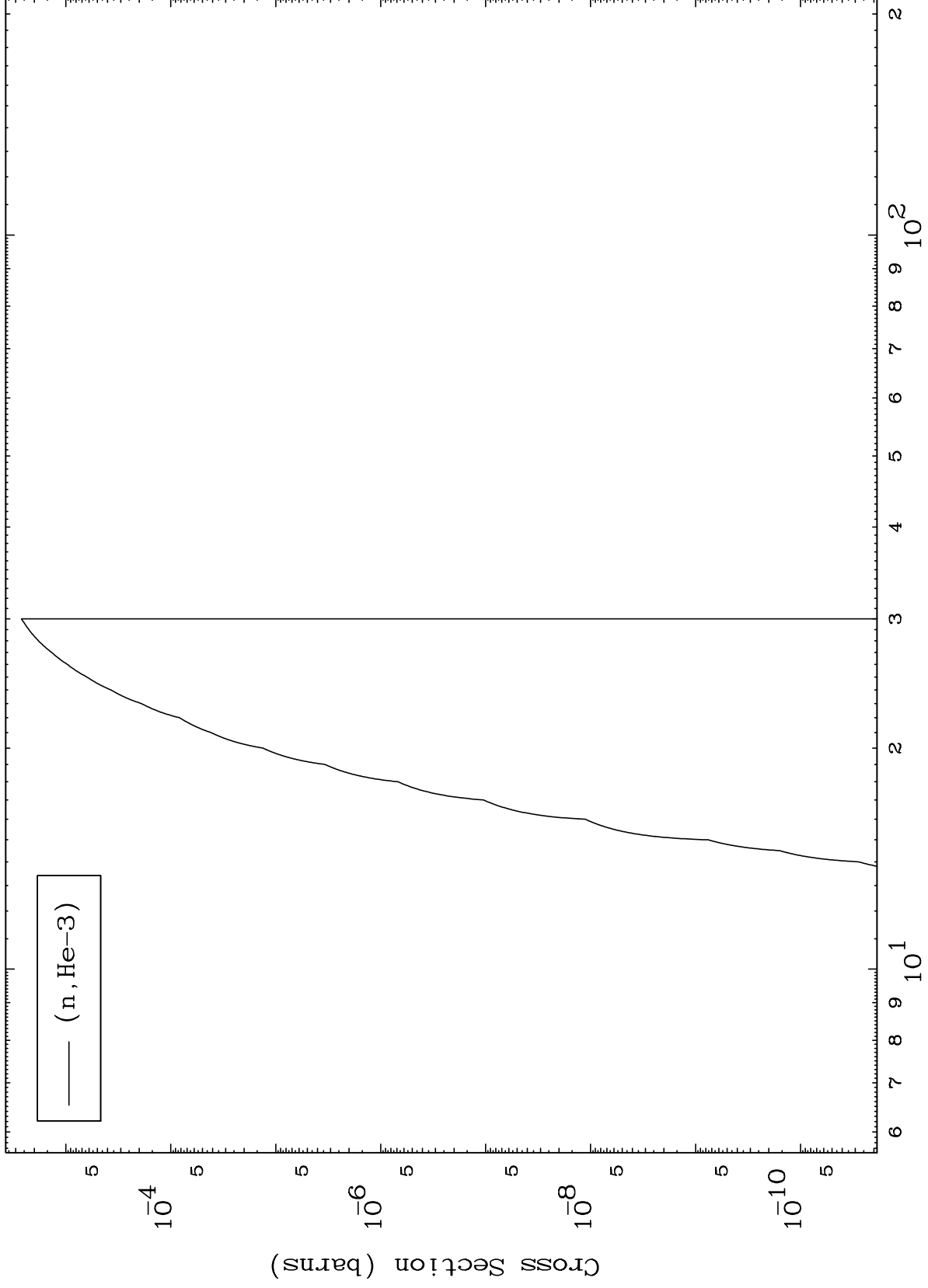
Incident Energy (MeV)

50-Sn-113m

MAT 5029

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-113m



15

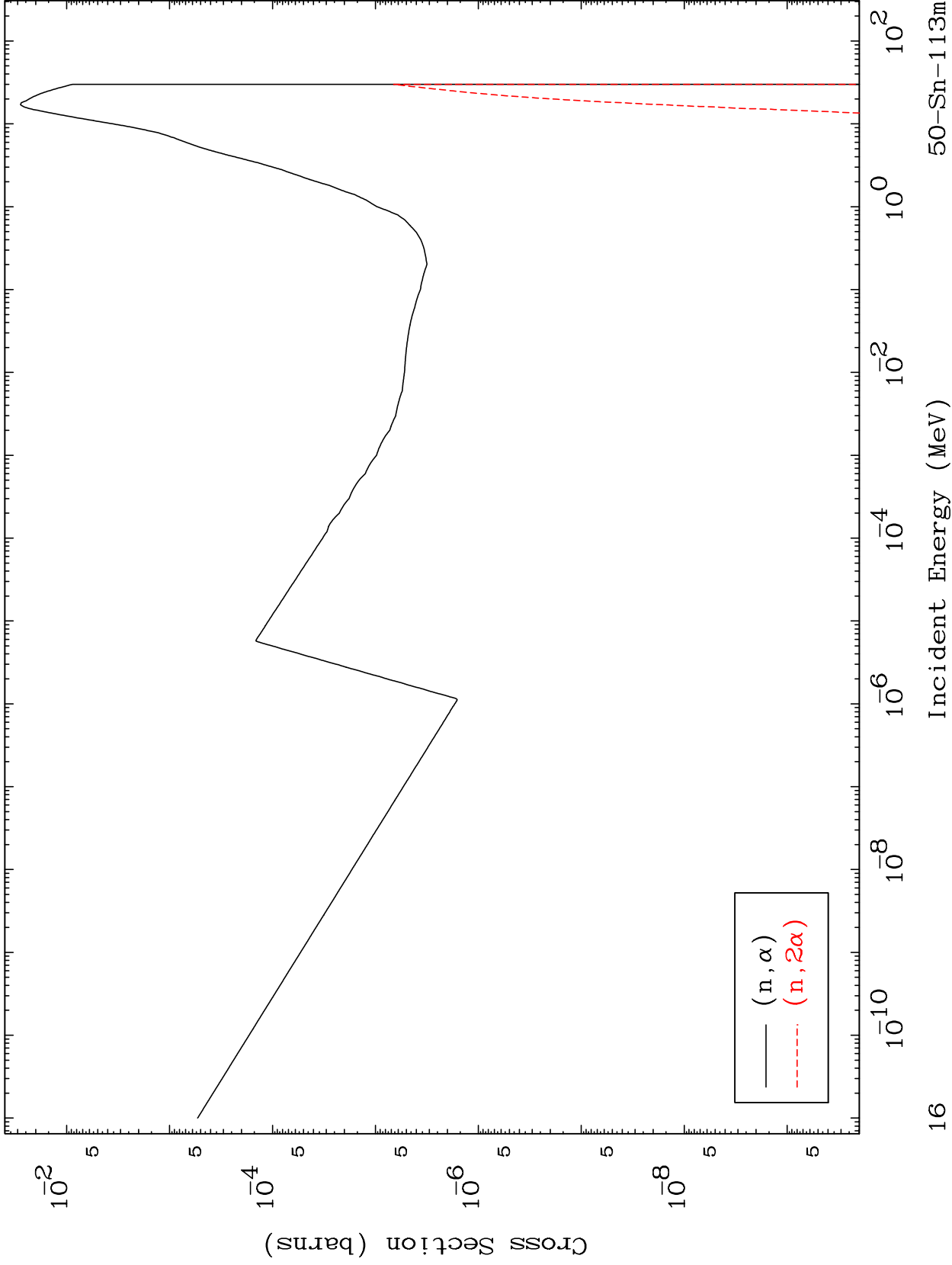
Incident Energy (MeV)

50-Sn-113m

MAT 5029

(n,α) Levels
293 Kelvin Cross Sections

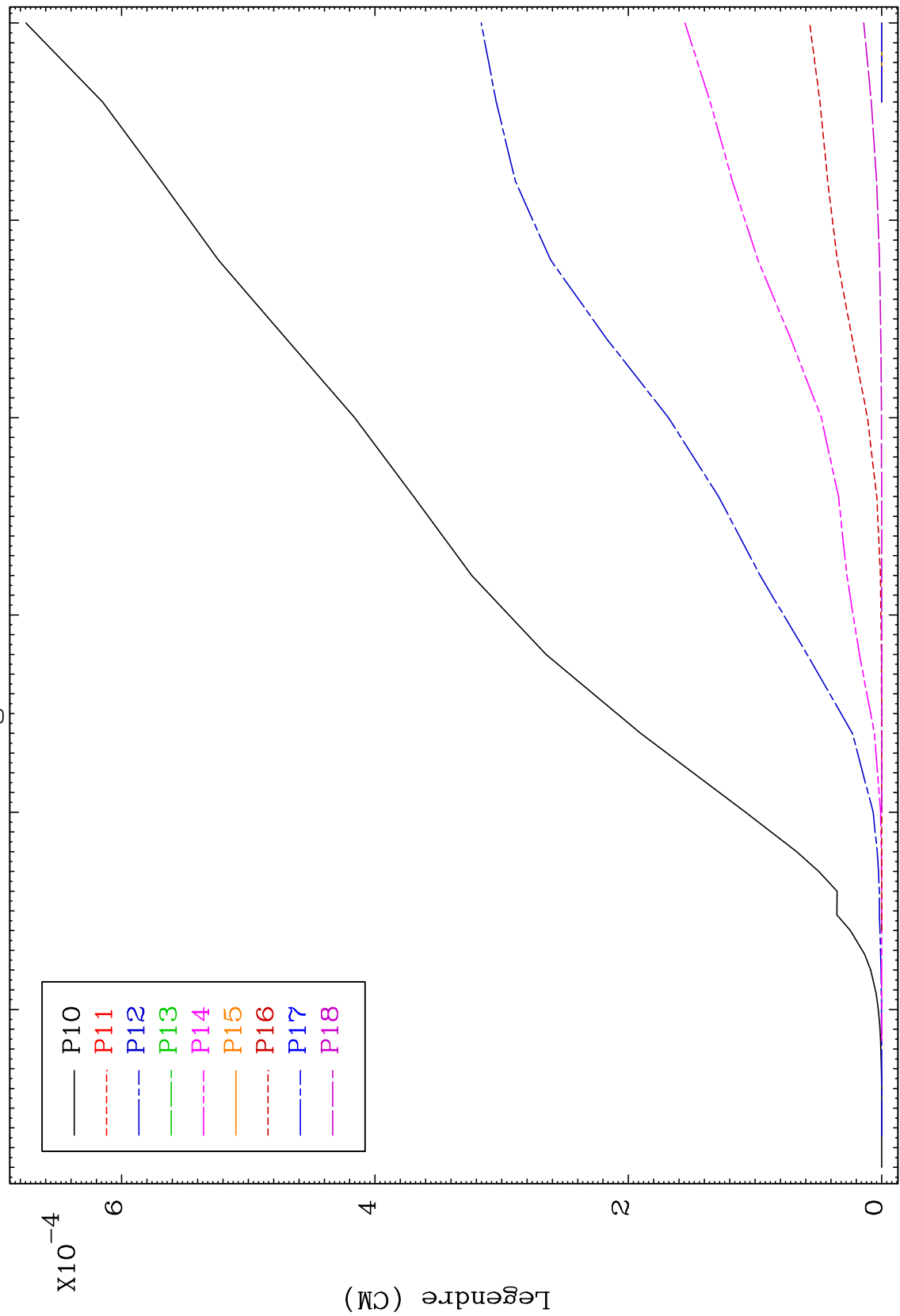
50-Sn-113m



MAT 5029

Elastic Legendre Coefficients

50-Sn-113m



18

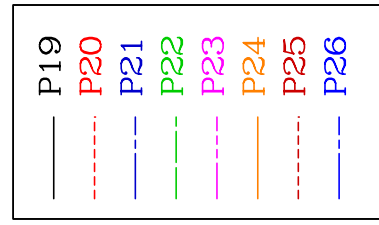
Incident Energy (MeV)

50-Sn-113m

MAT 5029

Elastic
Legendre Coefficients

50-Sn-113m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

19

Incident Energy (MeV)

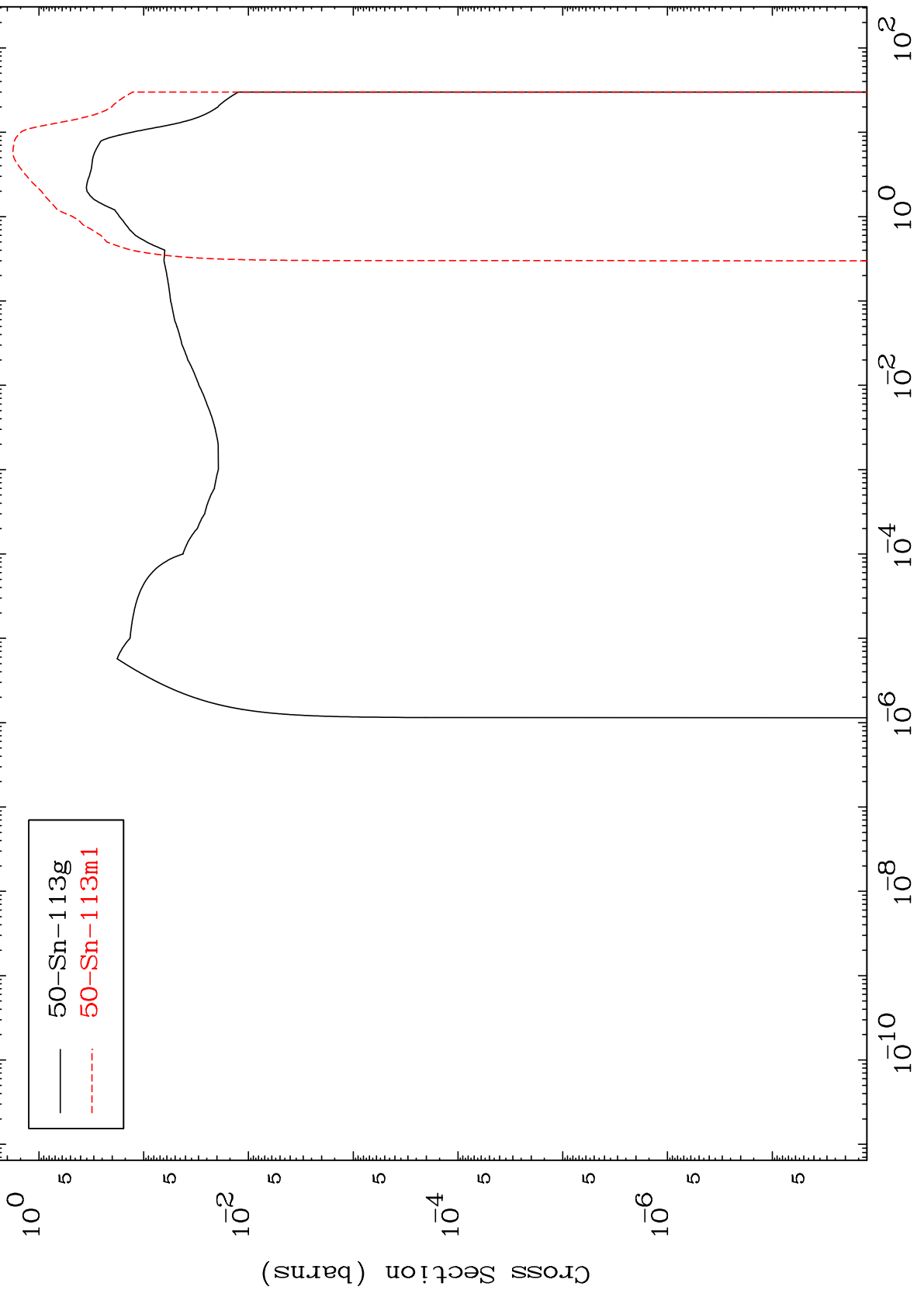
50-Sn-113m



MAT 5029

50-Sn-113m

Inelastic
Radionuclide Production Cross Section

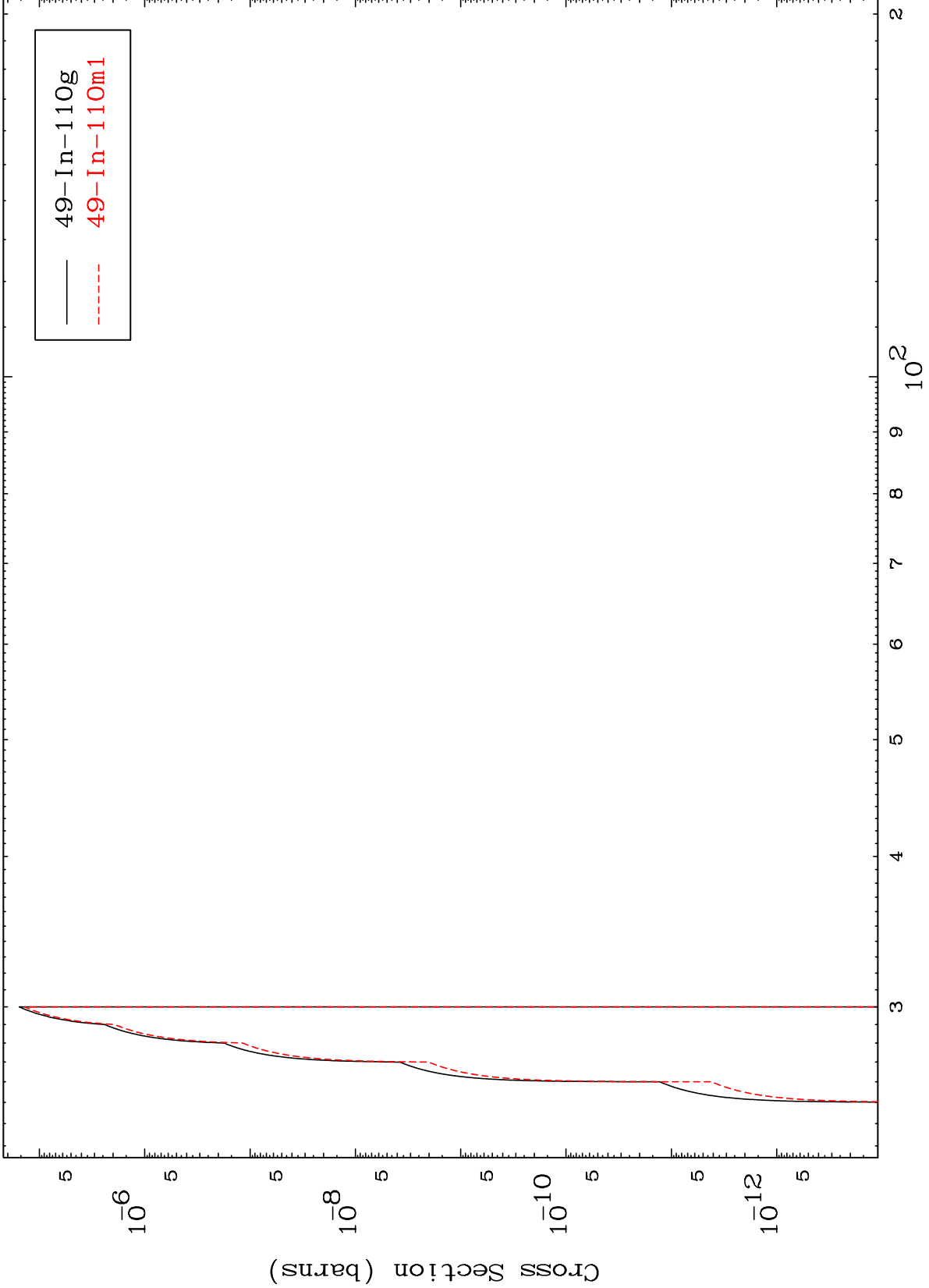


MAT 5029

(n,2n) d

50-Sn-113m

Radionuclide Production Cross Section



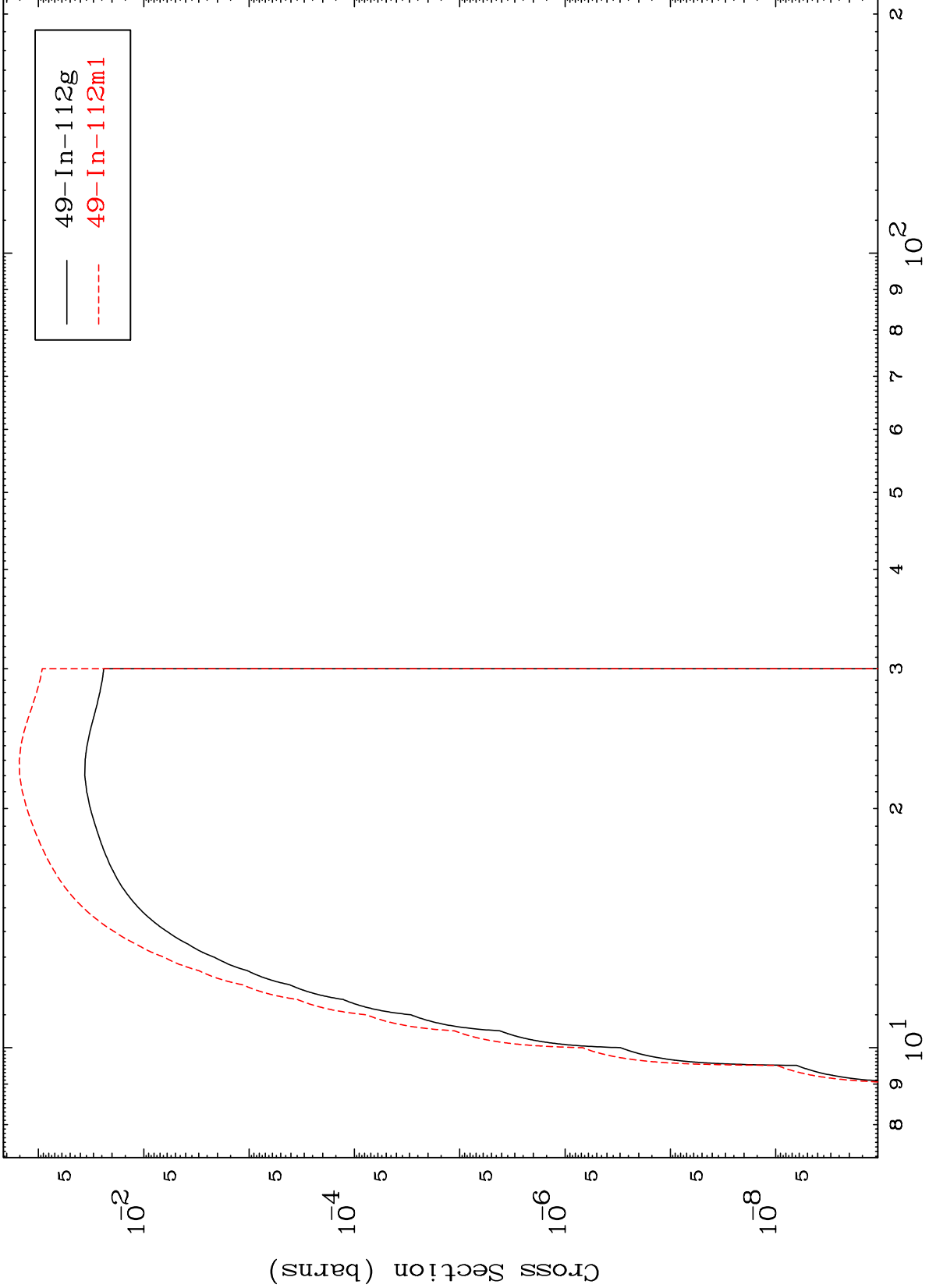
49-In-110g
49-In-110m1

MAT 5029

(n,n') p

50-Sn-113m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

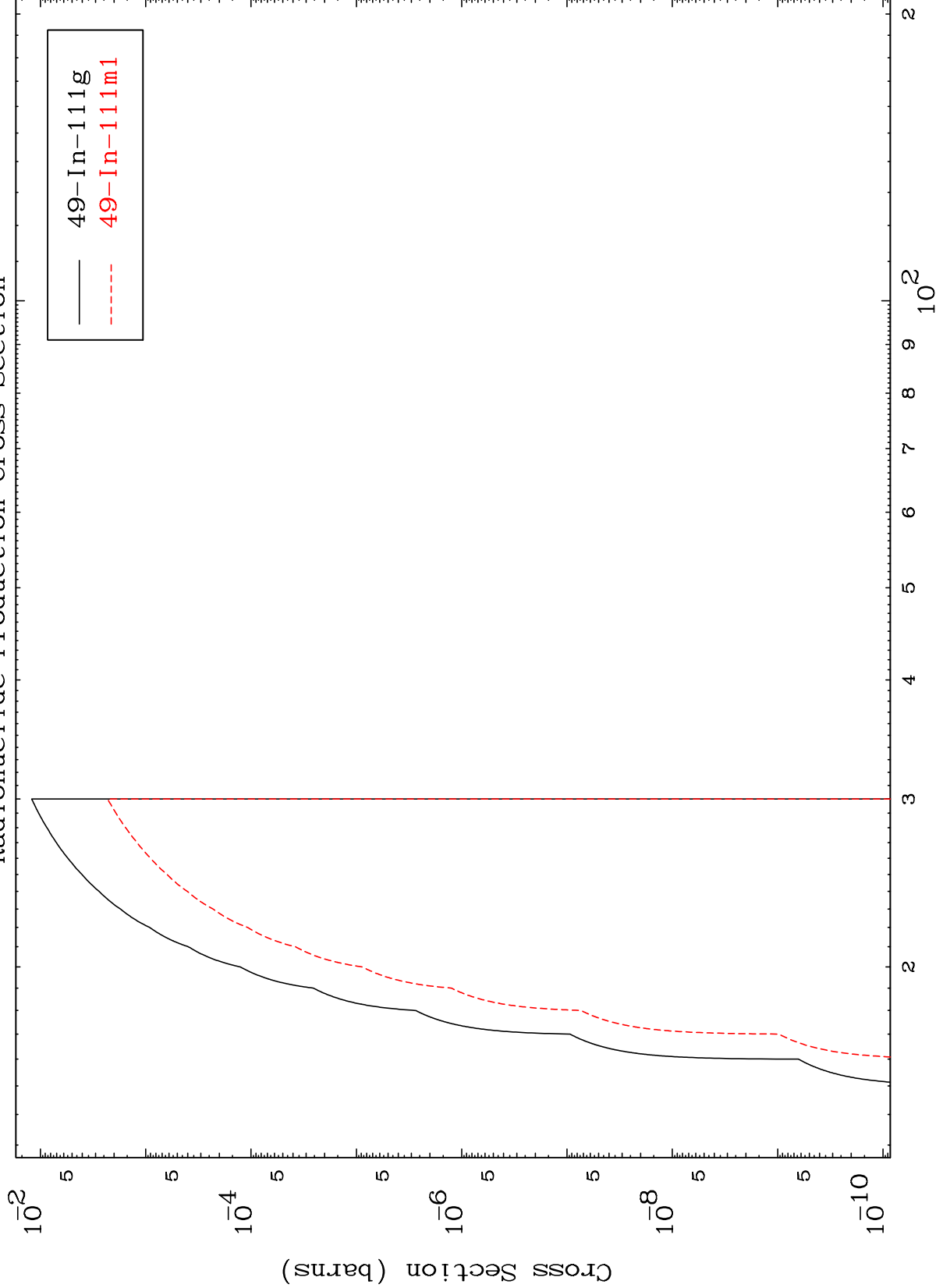
50-Sn-113m

MAT 5029

(n,n') d

50-Sn-113m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

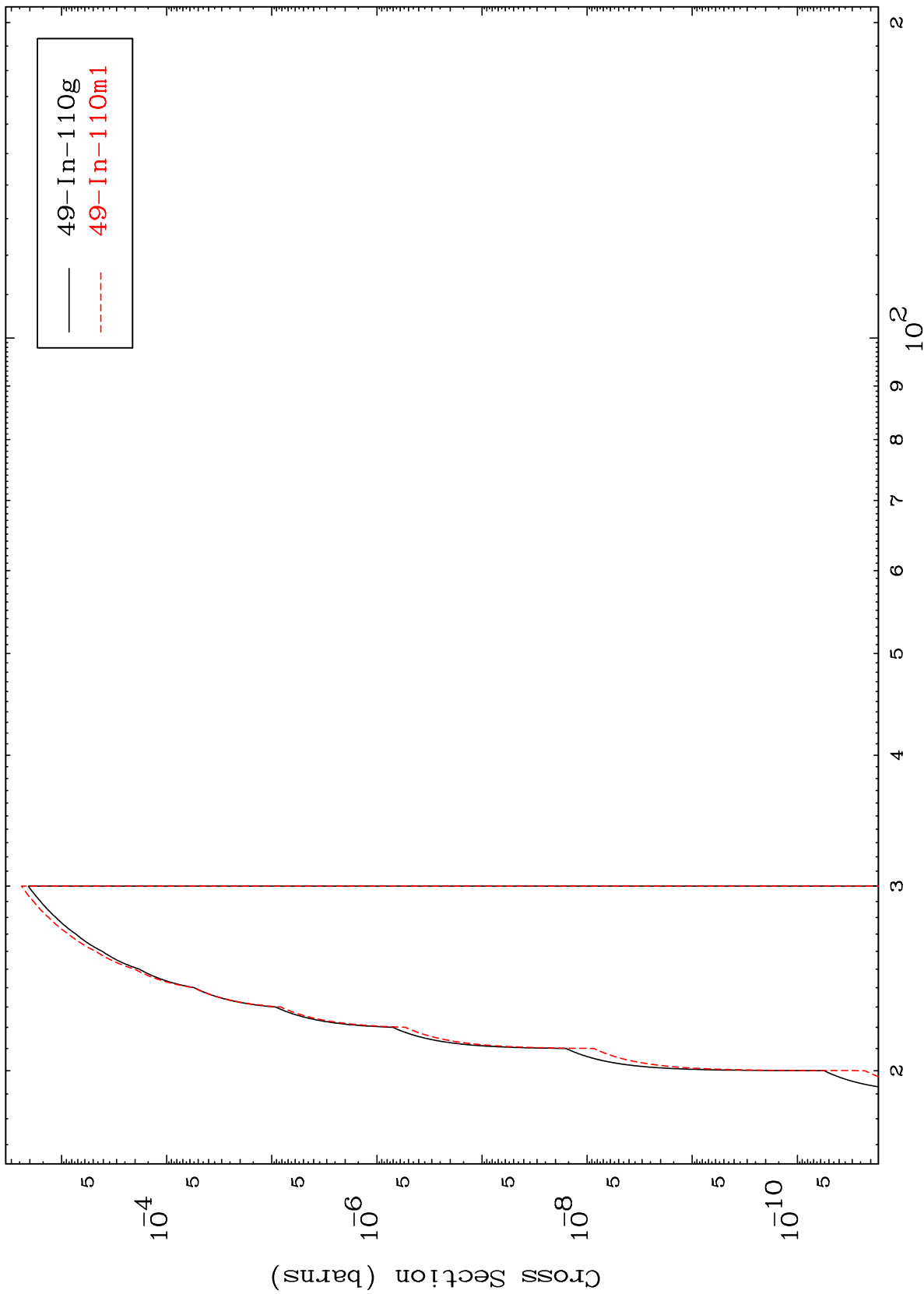
50-Sn-113m

MAT 5029

(n,n') t

50-Sn-113m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

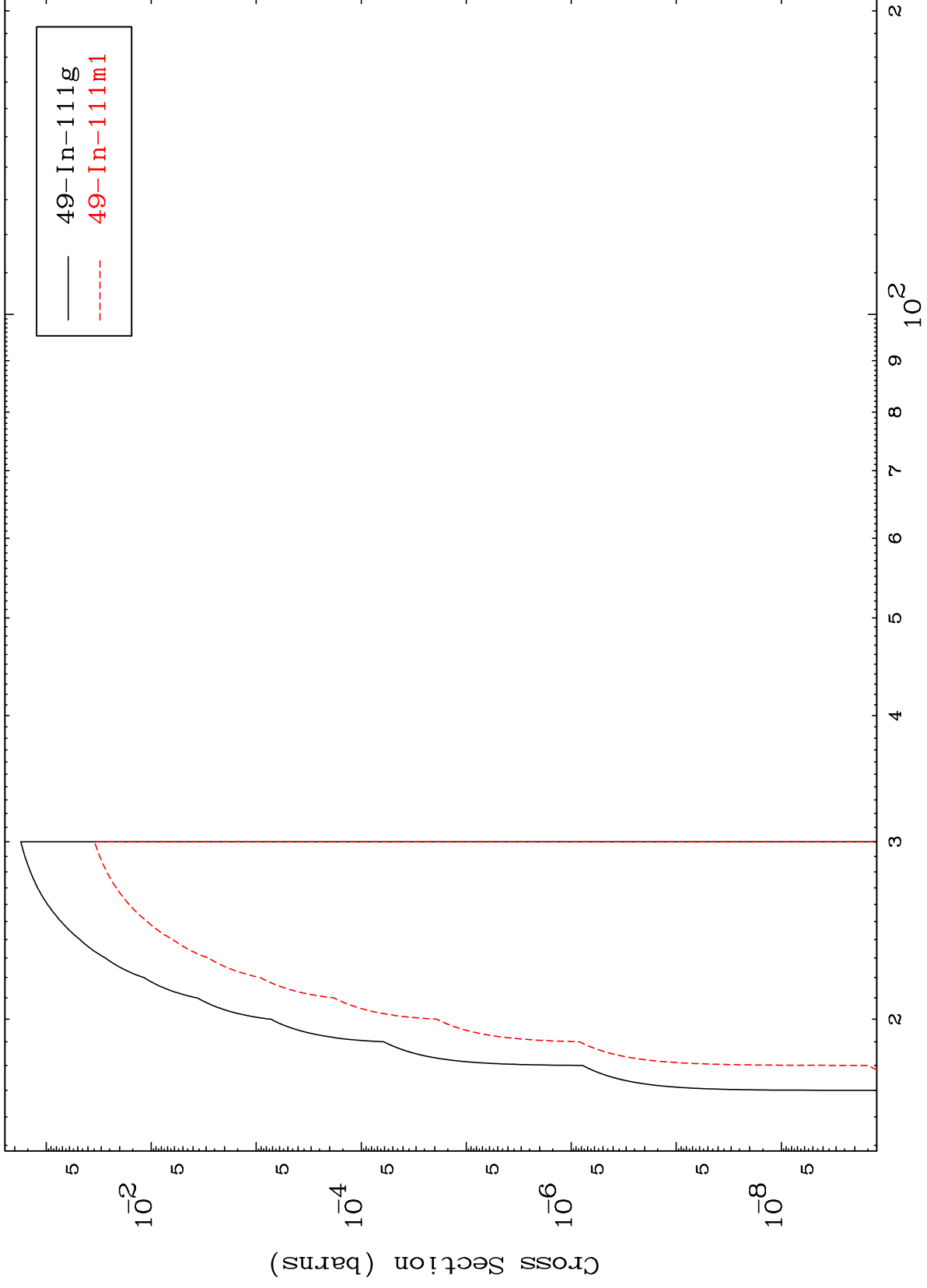
50-Sn-113m

MAT 5029

(n,2n) p

50-Sn-113m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

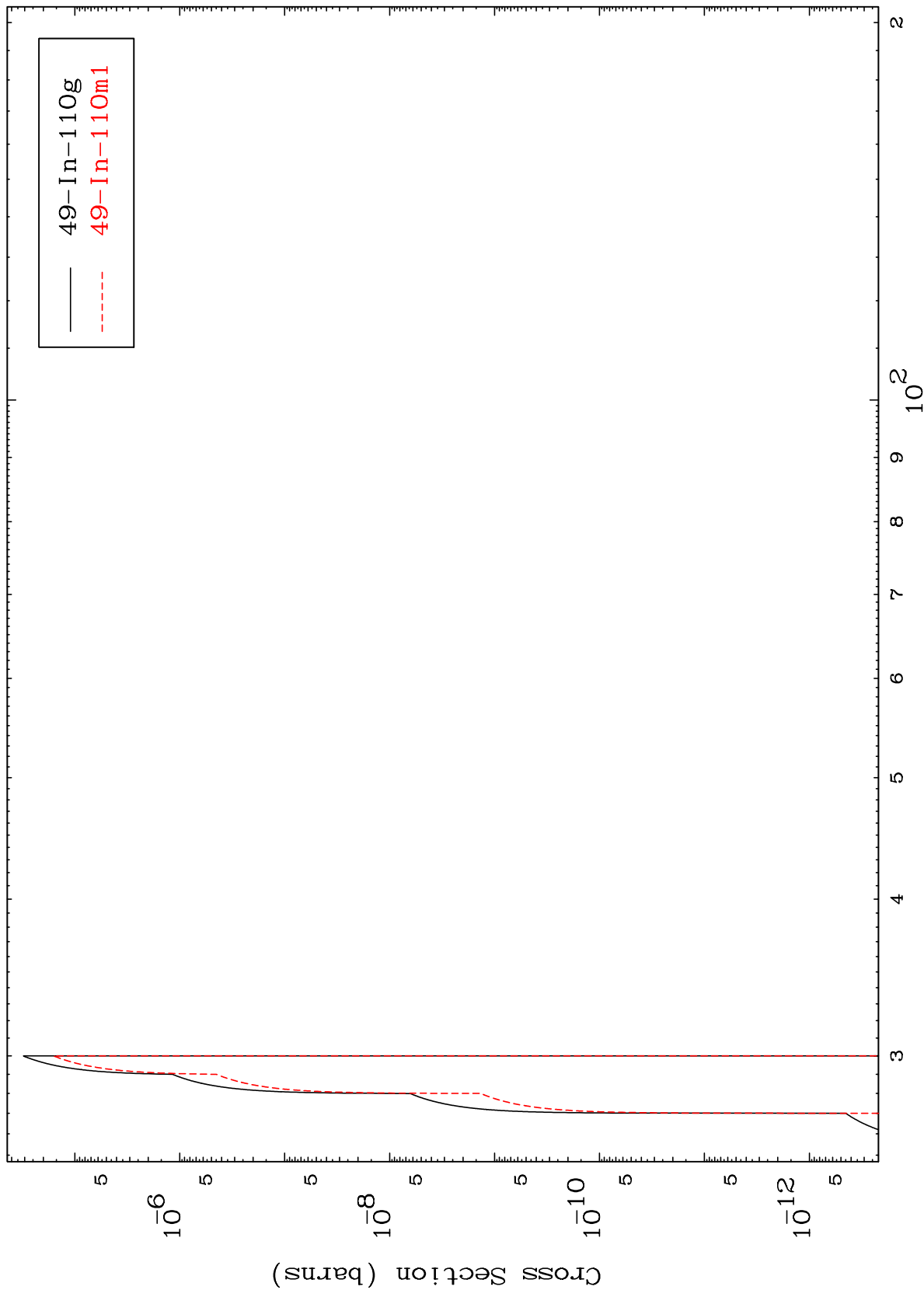
50-Sn-113m

MAT 5029

(n,3n) p

50-Sn-113m

Radionuclide Production Cross Section

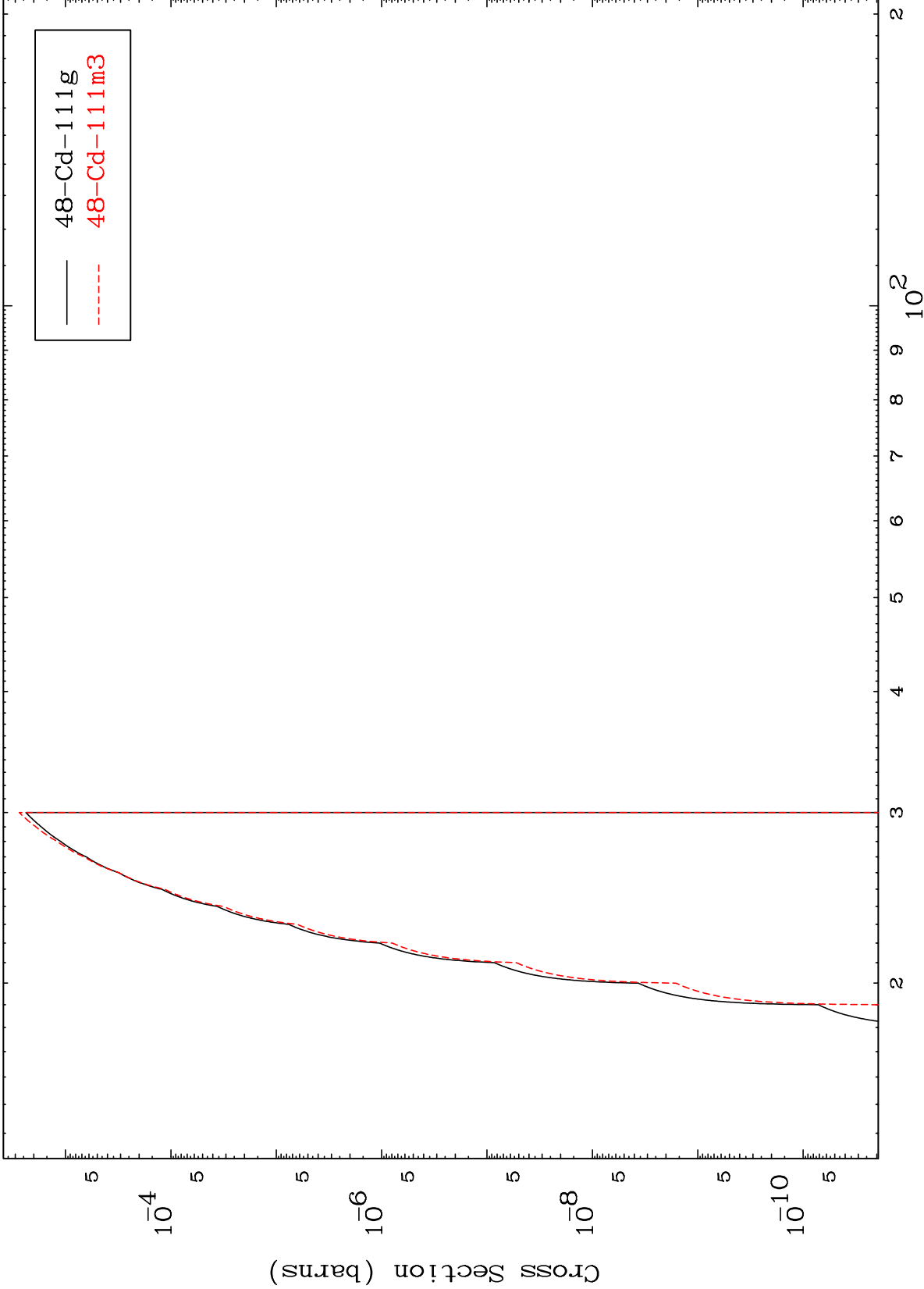


26

Incident Energy (MeV)

50-Sn-113m

Radionuclide Production Cross Section

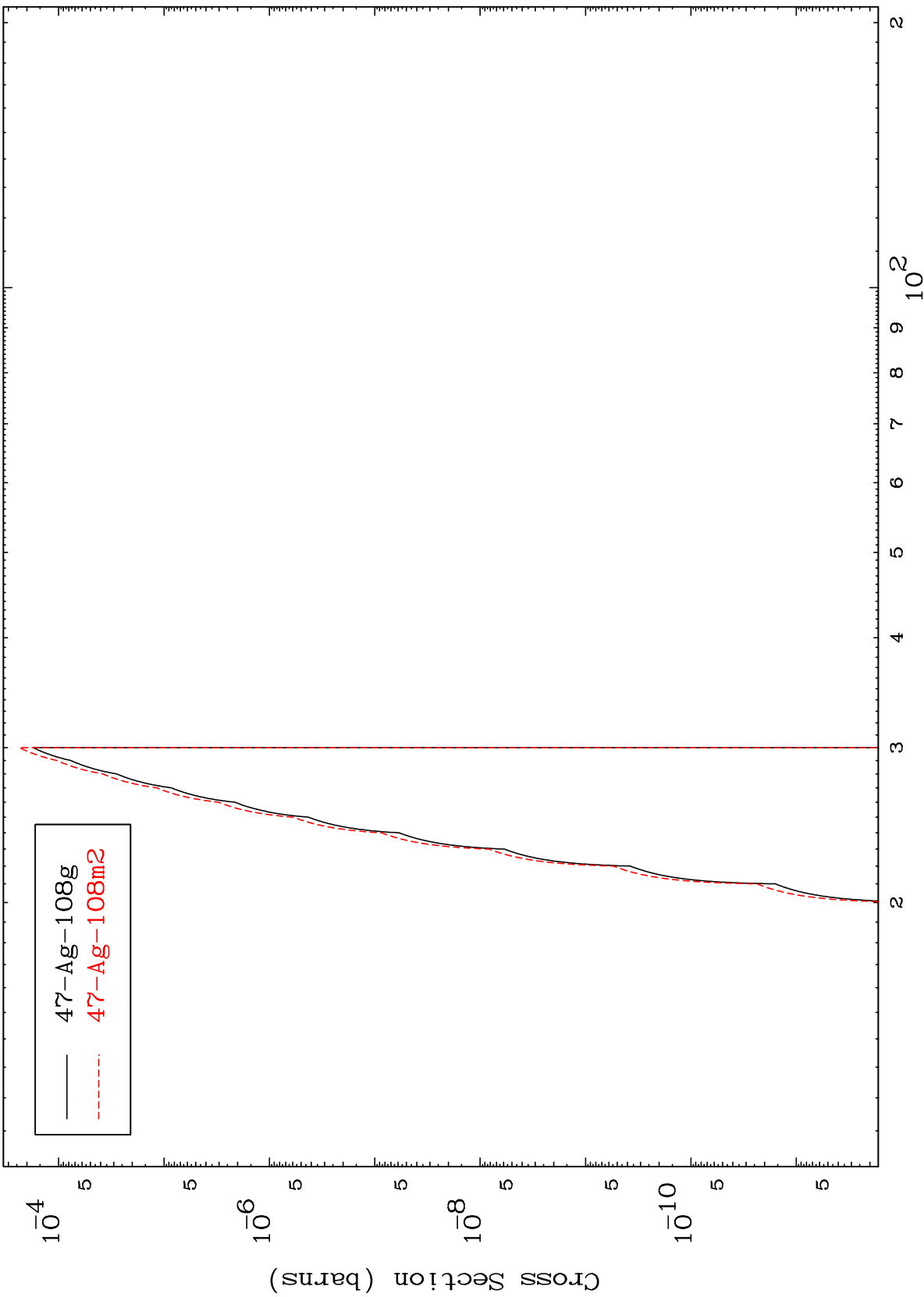


MAT 5029

(n,n') p α

50-Sn-113m

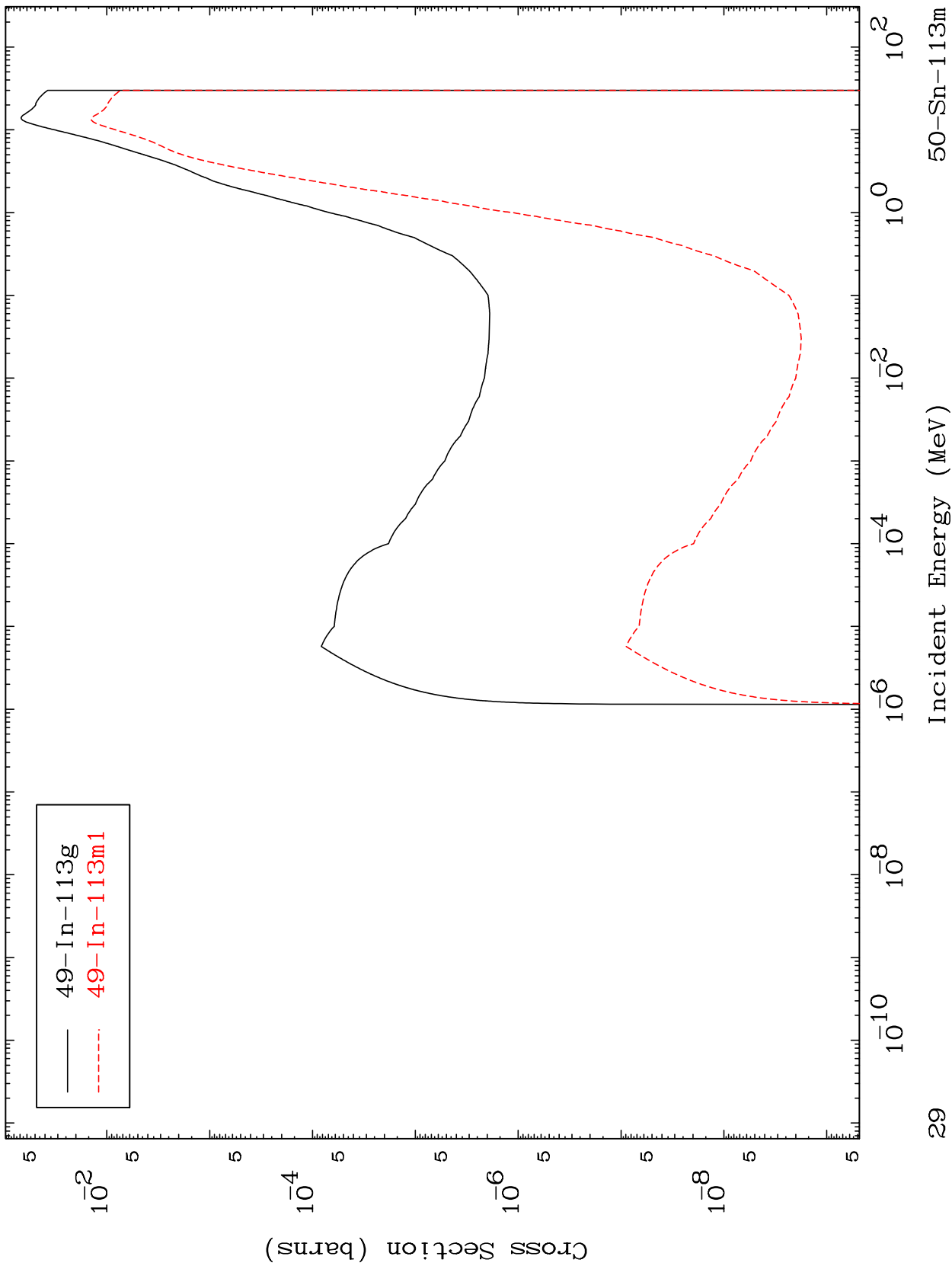
Radionuclide Production Cross Section



MAT 5029

(n,p)
Radionuclide Production Cross Section

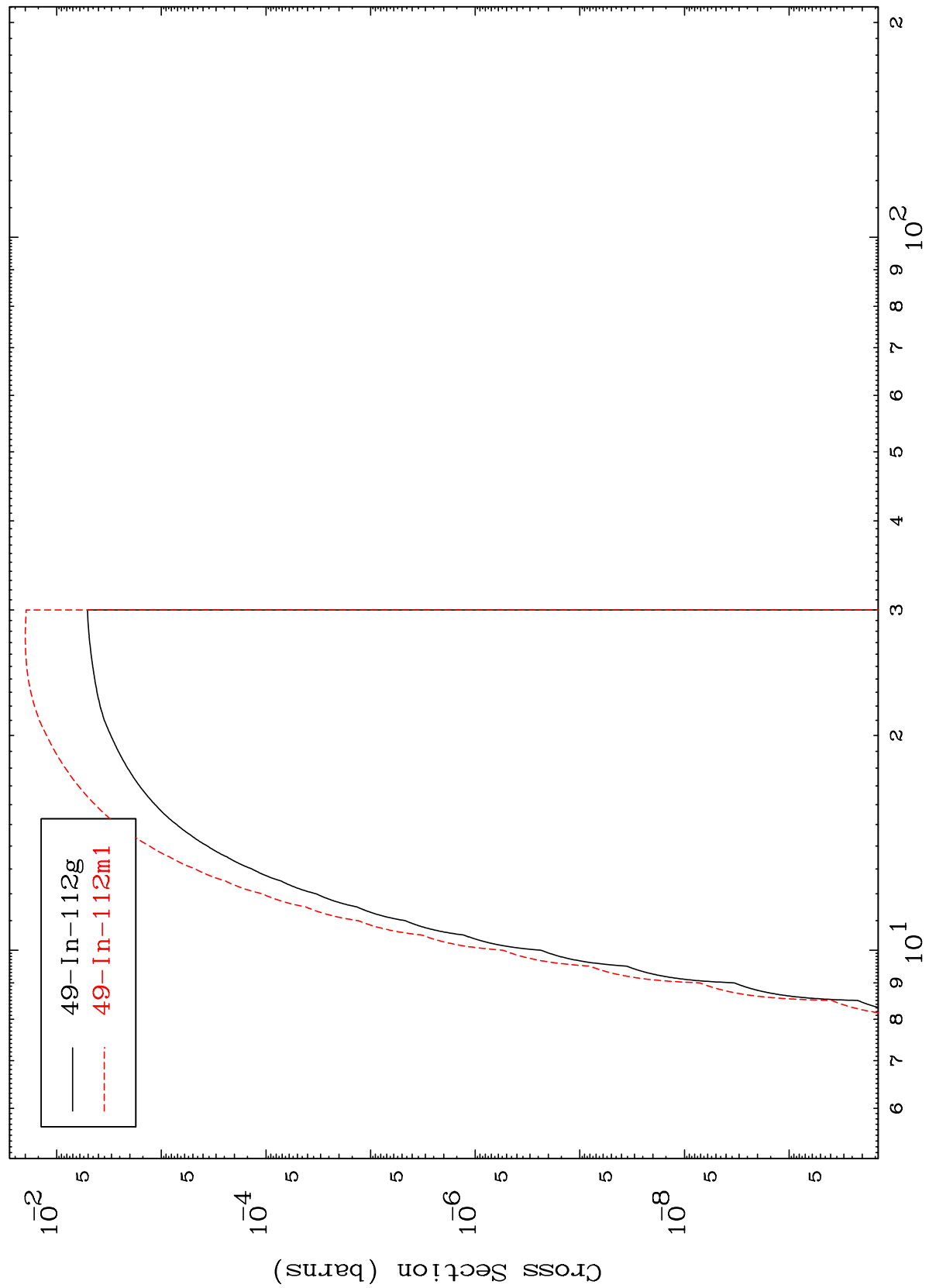
50-Sn-113m



MAT 5029

50-Sn-113m

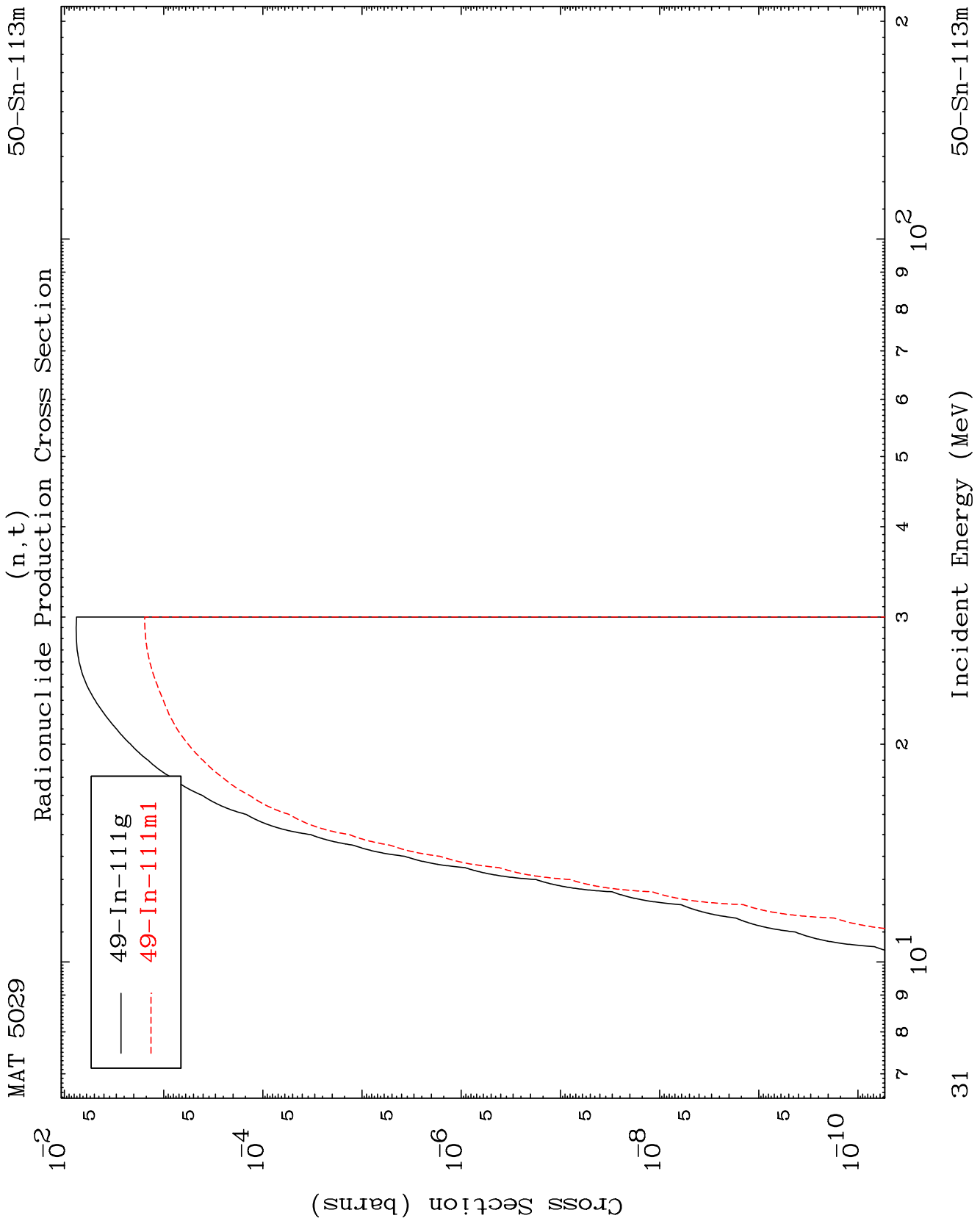
(n,d)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-113m

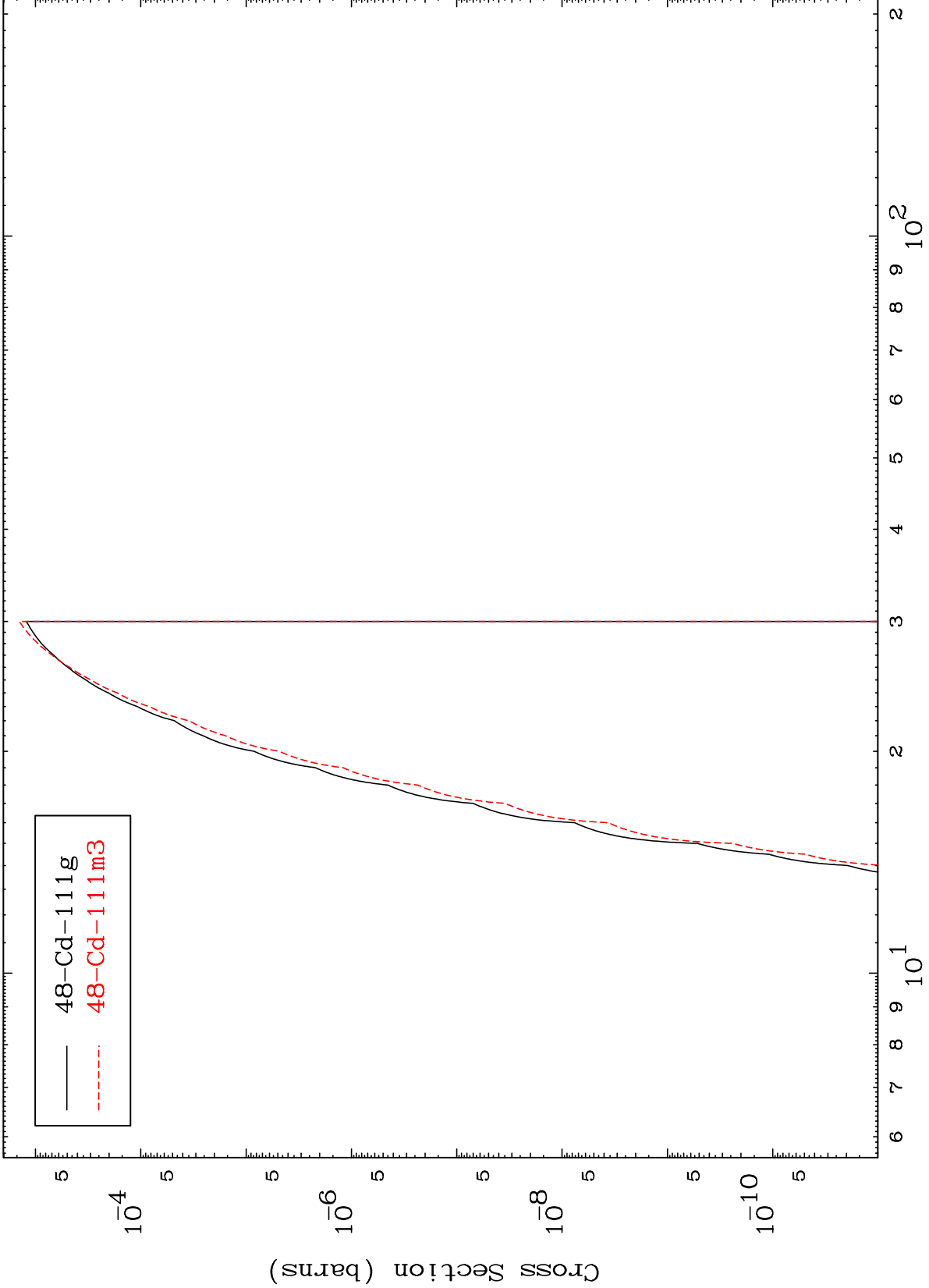


MAT 5029

(n,He-3)

50-Sn-113m

Radionuclide Production Cross Section



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

32

Incident Energy (MeV)

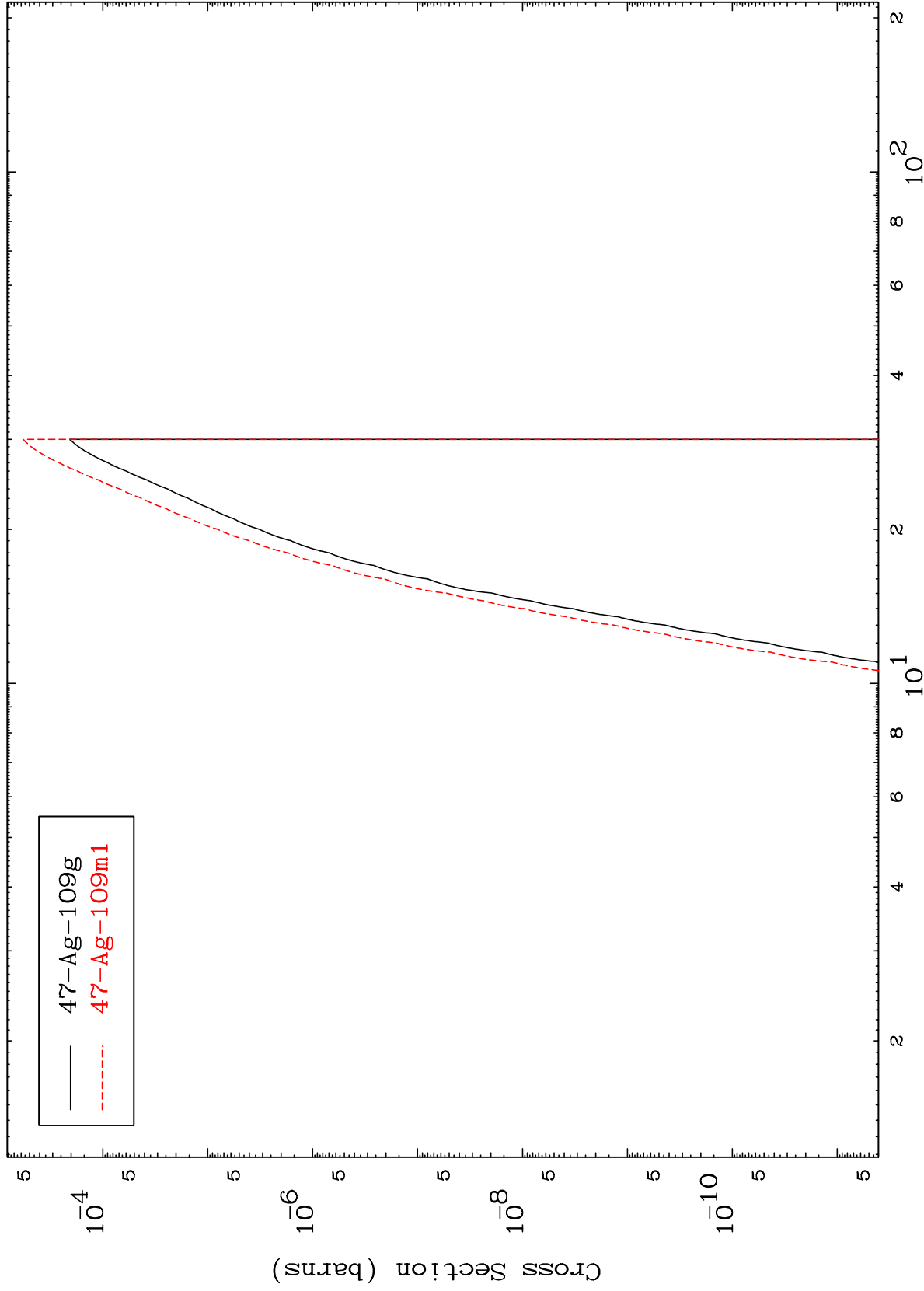
50-Sn-113m

MAT 5029

(n,p) α

50-Sn-113m

Radionuclide Production Cross Section

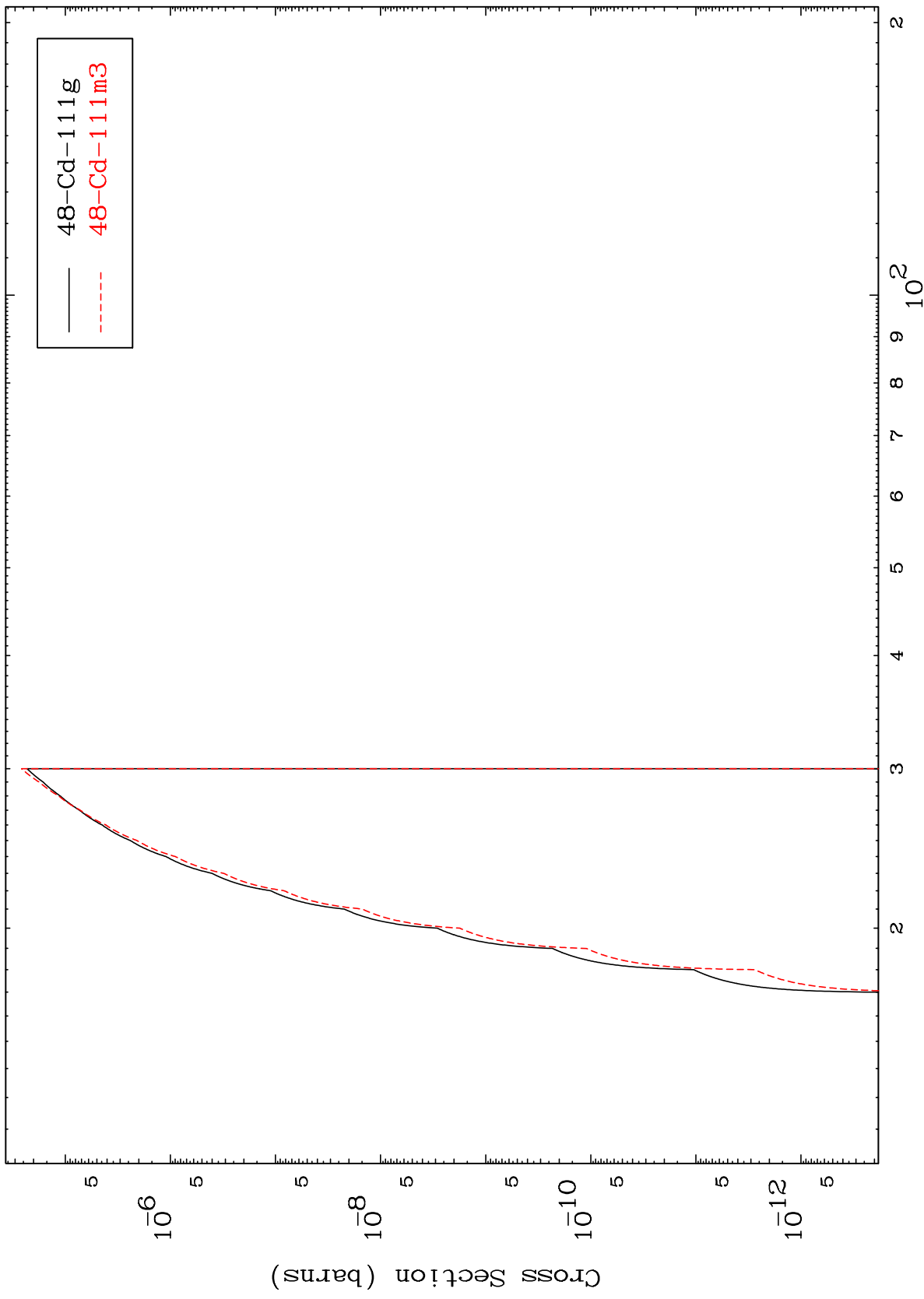


MAT 5029

(n,p) d

50-Sn-113m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

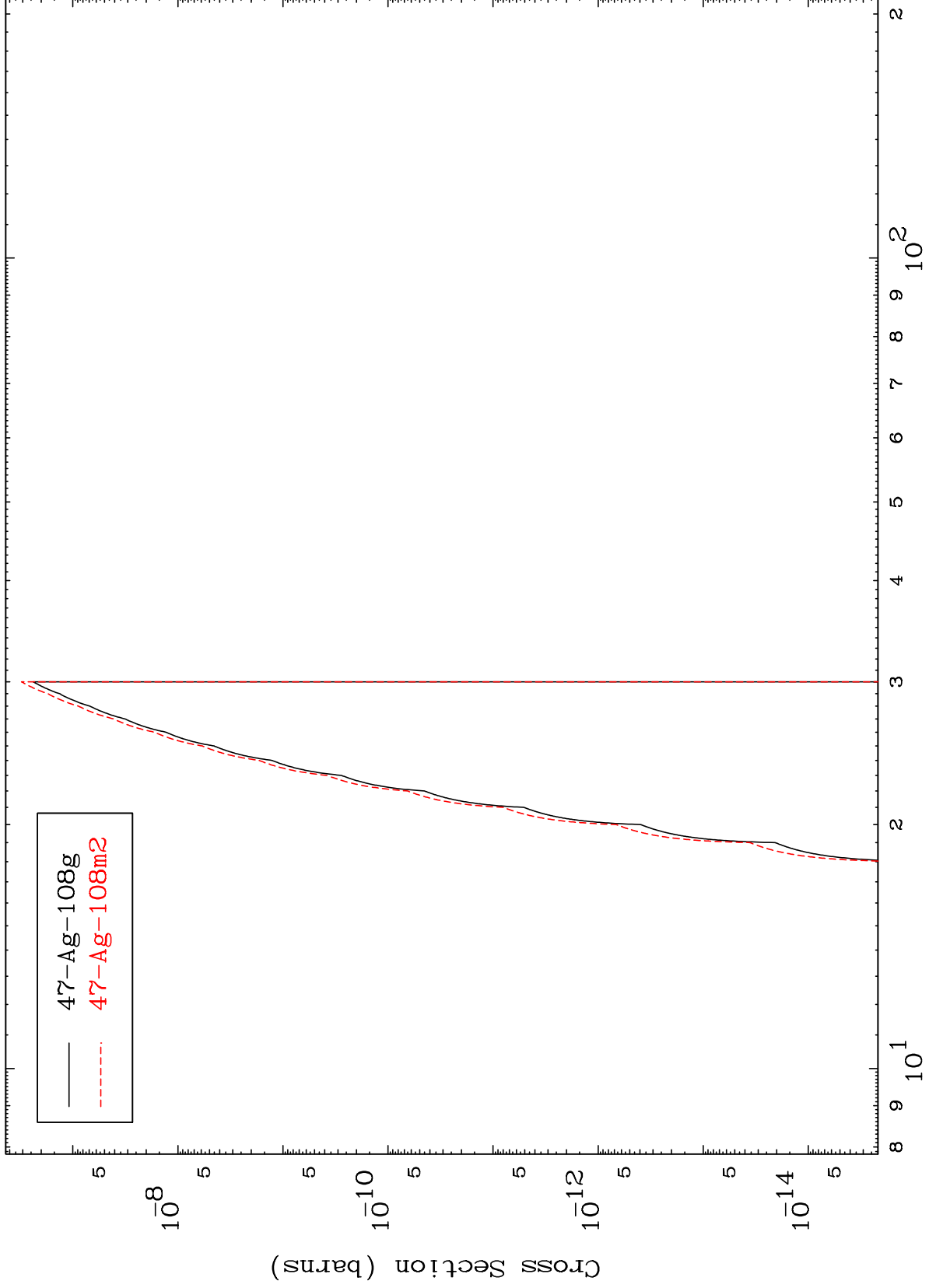
50-Sn-113m

MAT 5029

(n,d) α

50-Sn-113m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

50-Sn-113m