

Program EVALPLOT
(Version 2021-1)

by

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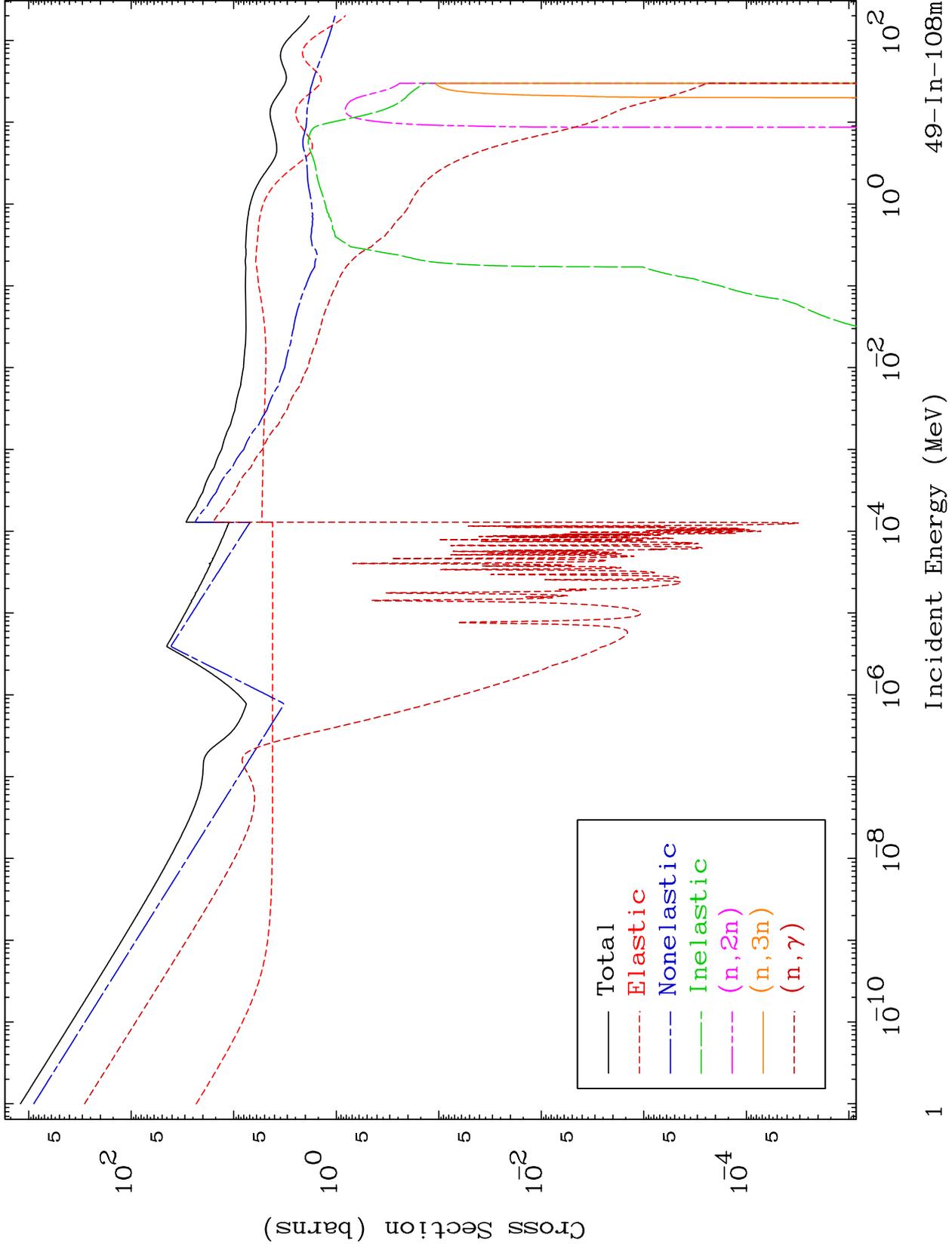
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Press Mouse Button to Start

MAT 4911

Neutron Major
293 Kelvin Cross Sections

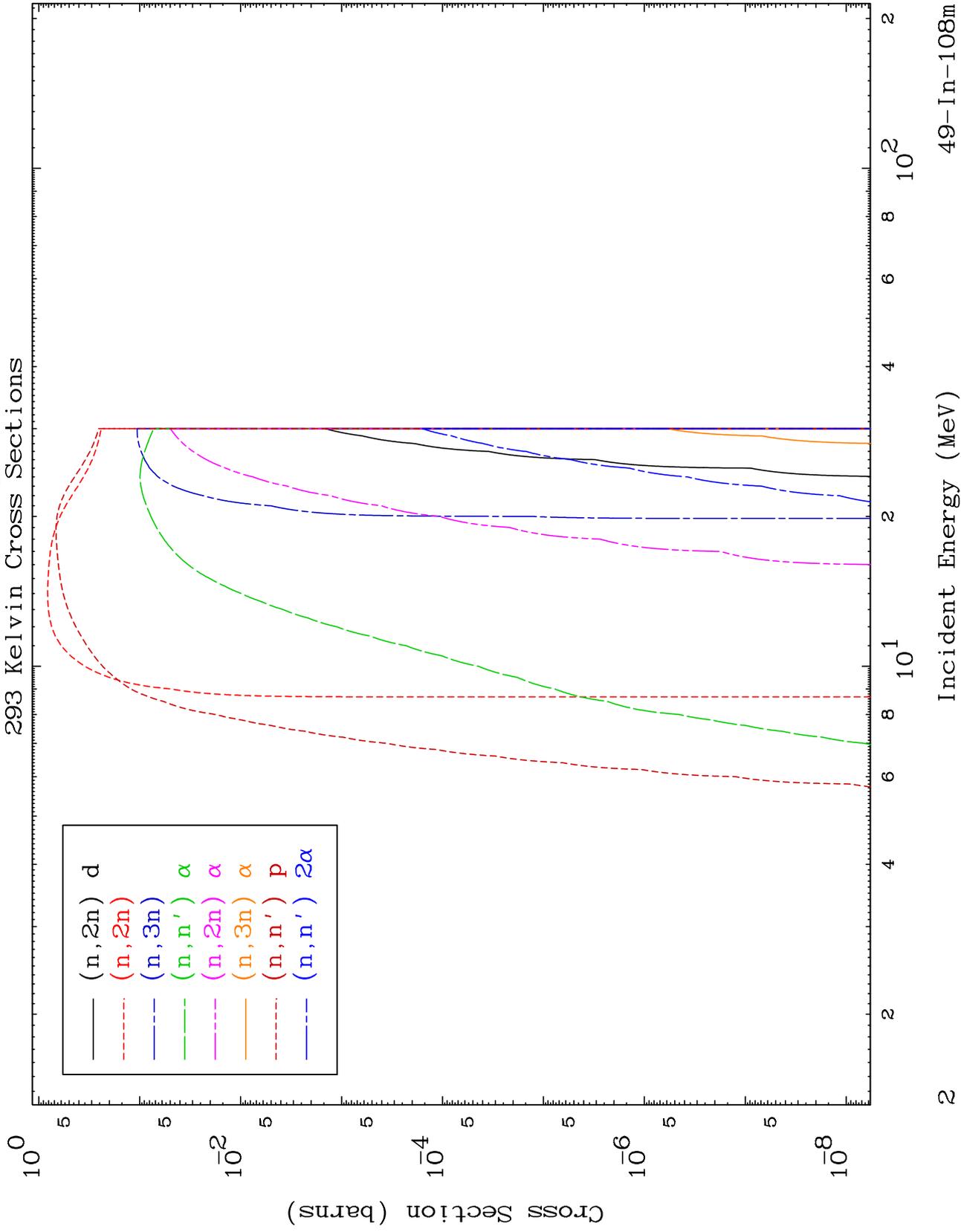
49-In-108m



MAT 4911

Neutron Absorption
293 Kelvin Cross Sections

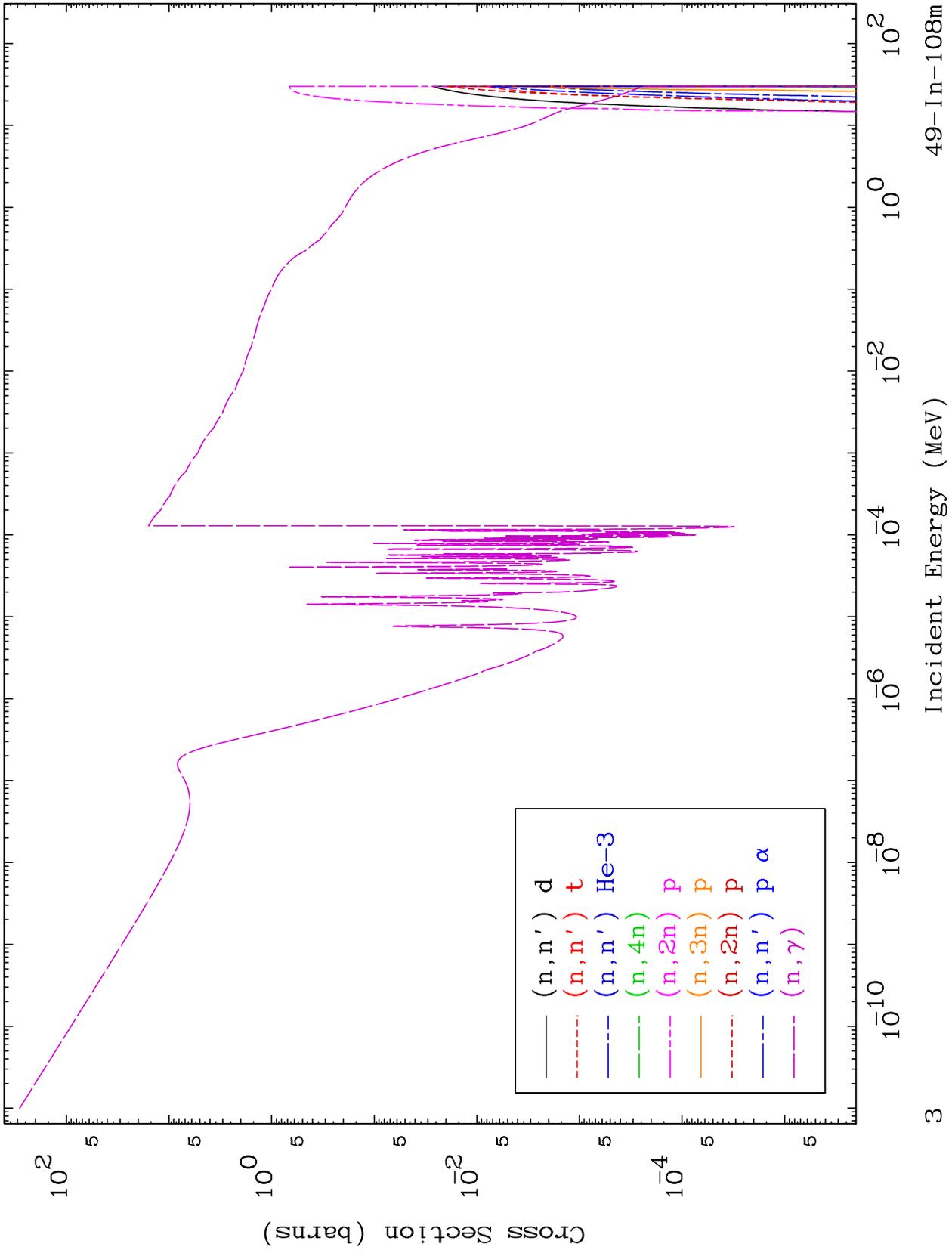
49-In-108m



MAT 4911

Neutron Absorption
293 Kelvin Cross Sections

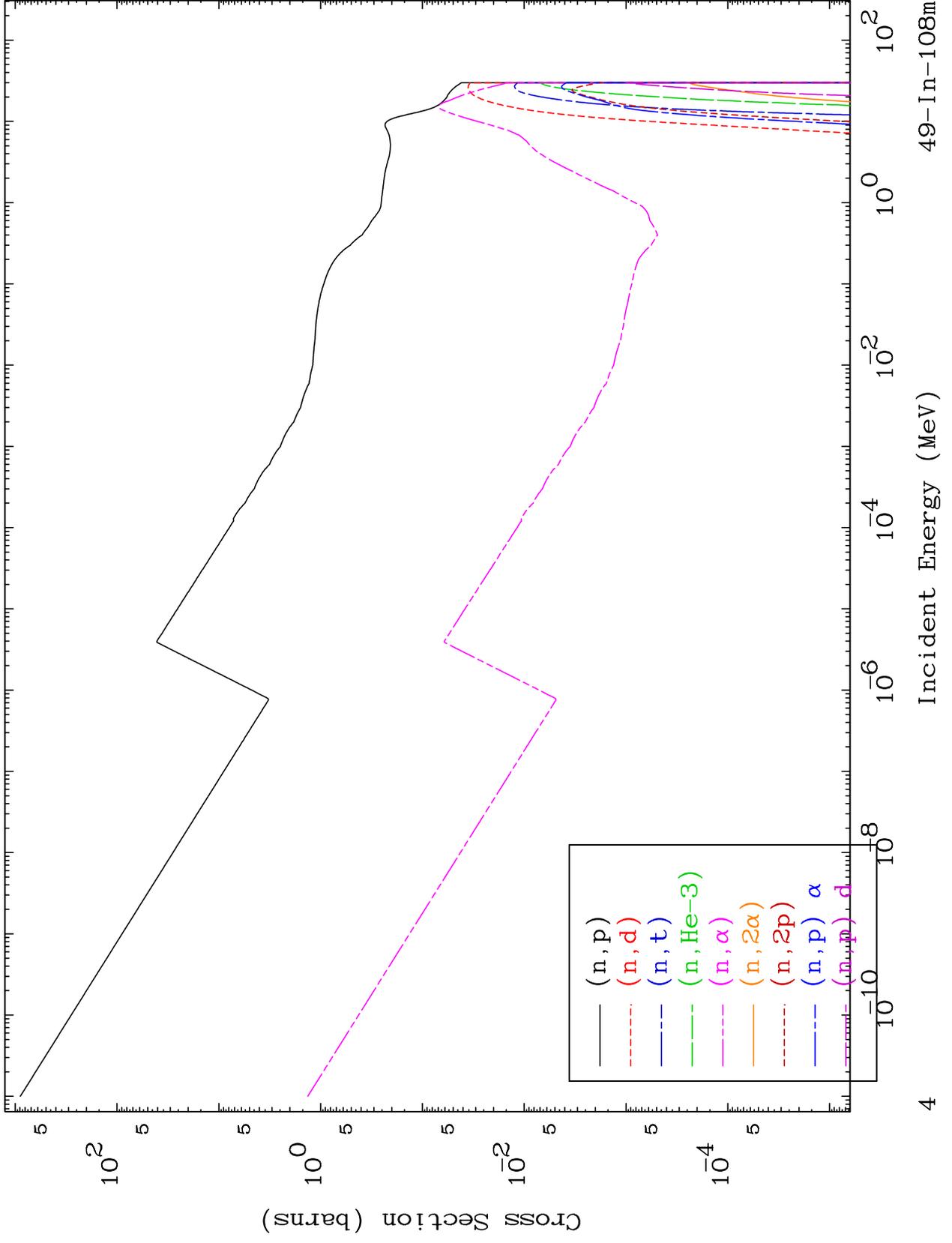
49-In-108m



MAT 4911

Neutron Absorption
293 Kelvin Cross Sections

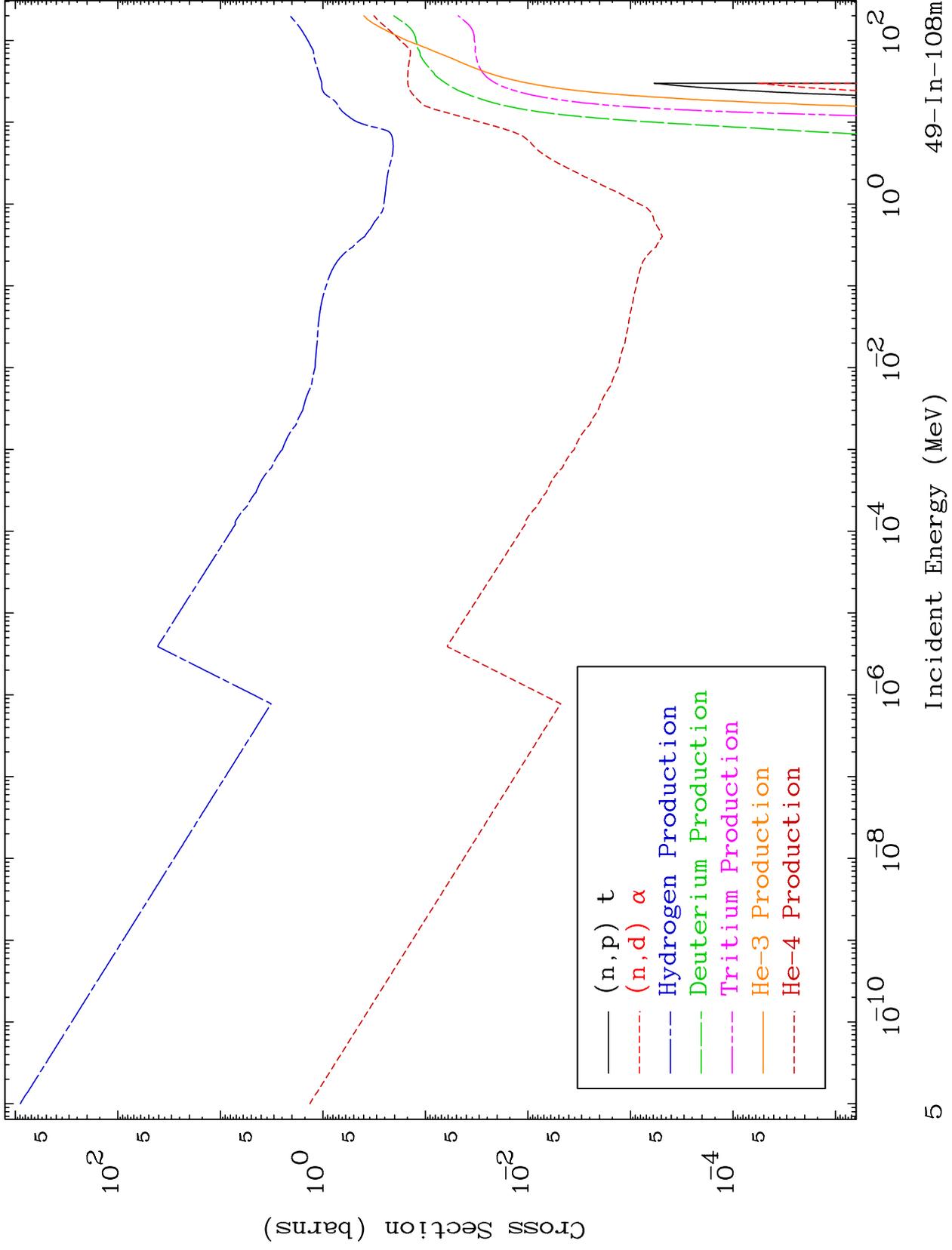
49-In-108m



MAT 4911

Neutron Absorption
293 Kelvin Cross Sections

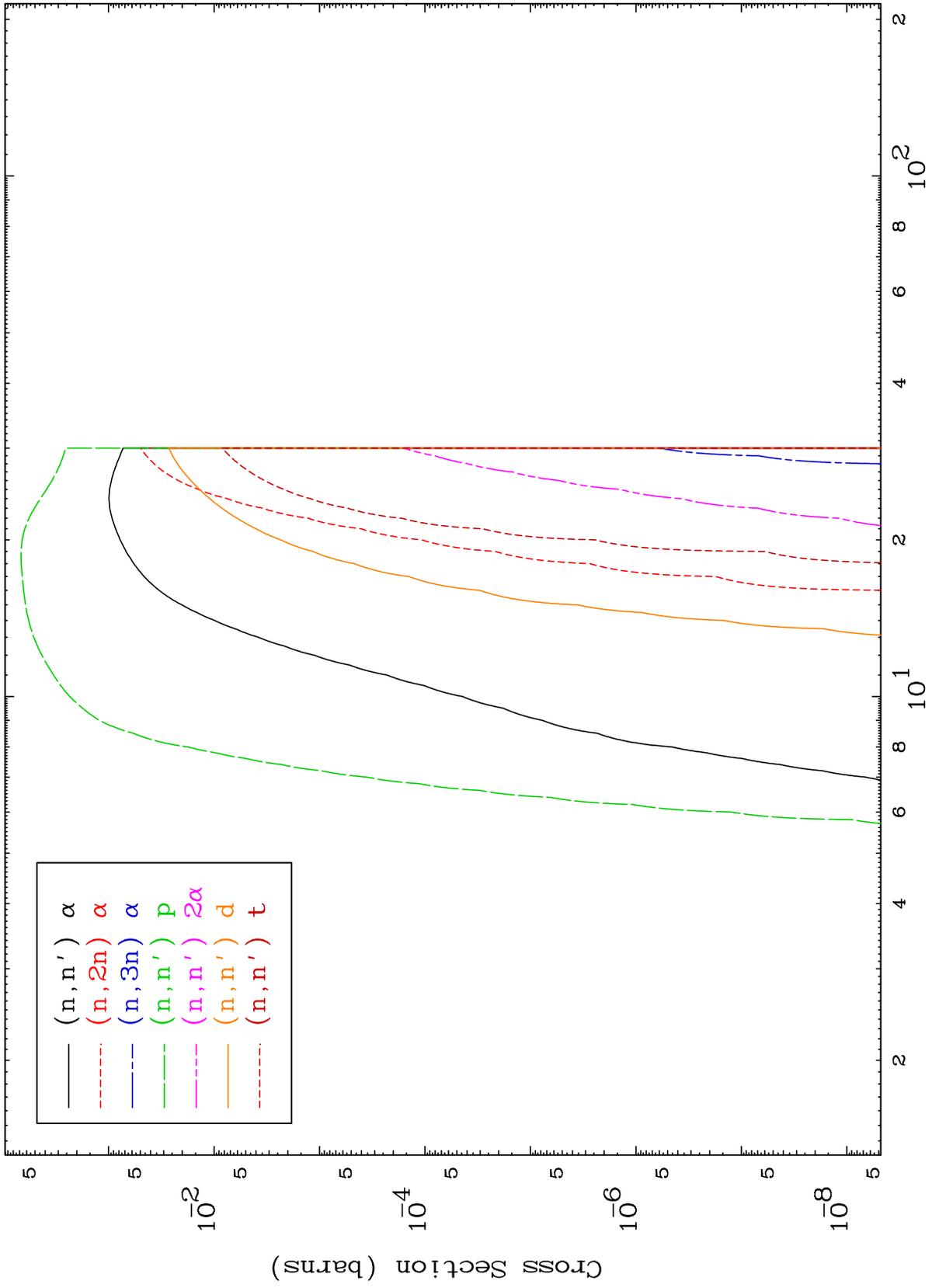
49-In-108m



MAT 4911

Charged Particle
293 Kelvin Cross Sections

49-In-108m



6

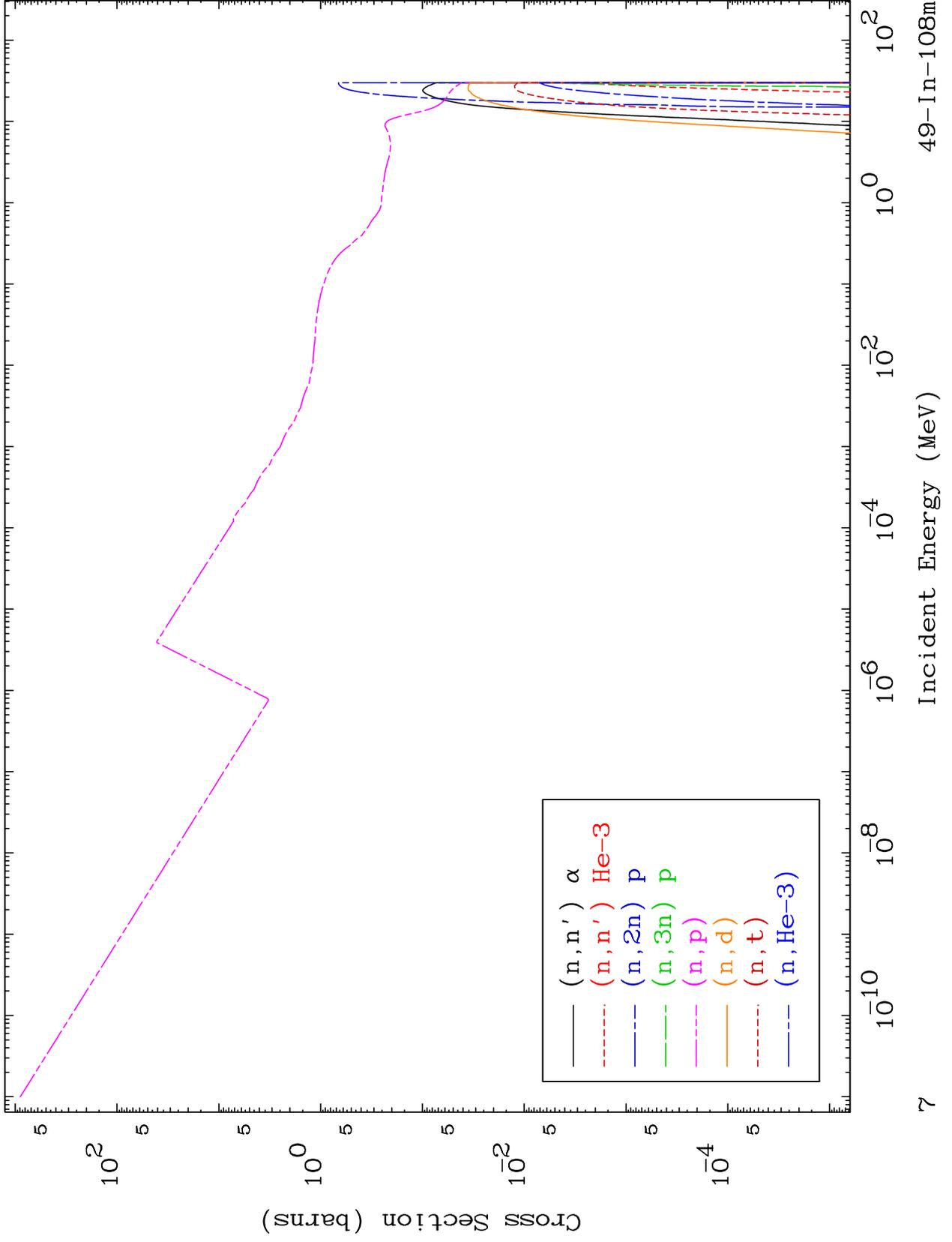
Incident Energy (MeV)

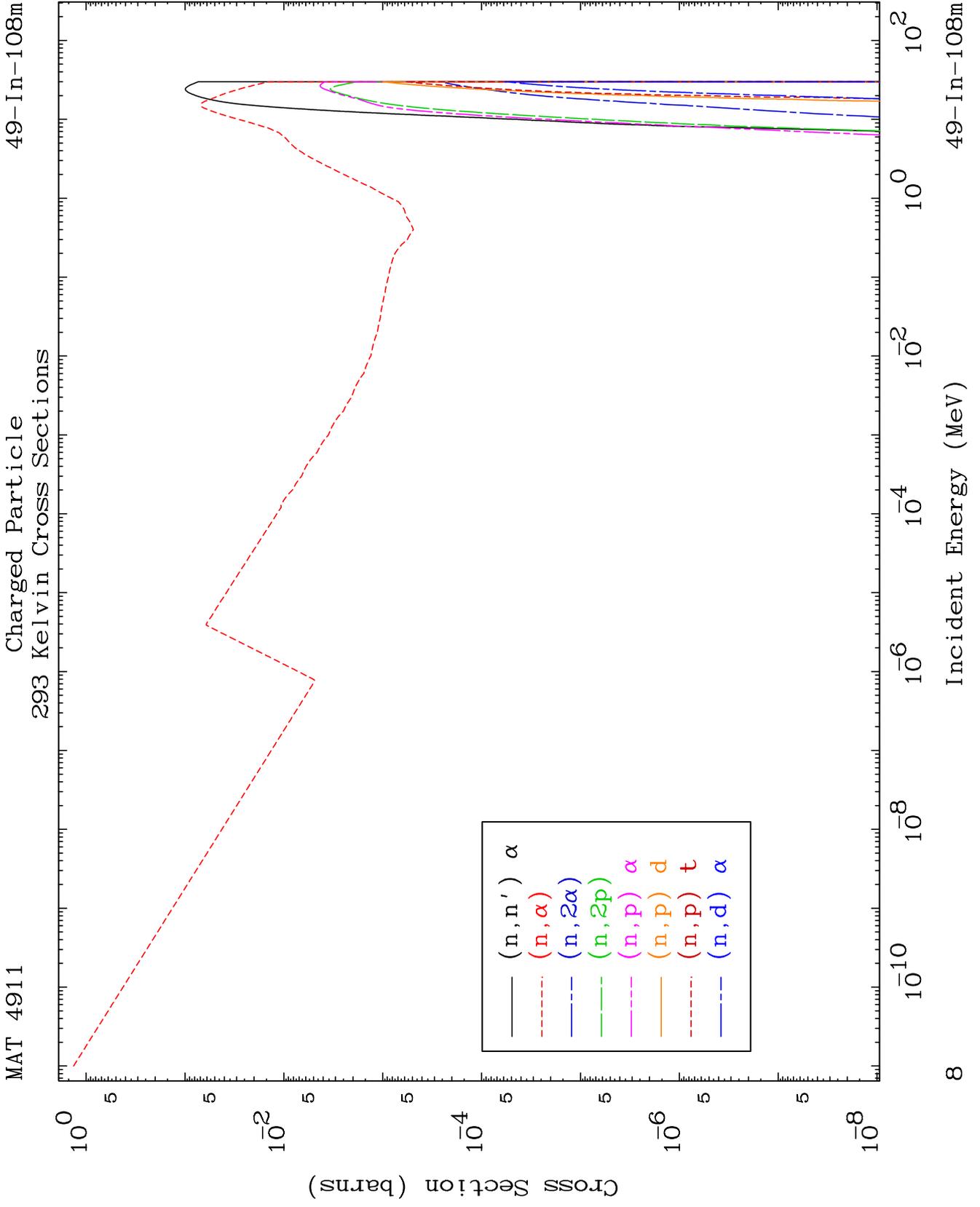
49-In-108m

MAT 4911

Charged Particle
293 Kelvin Cross Sections

49-In-108m

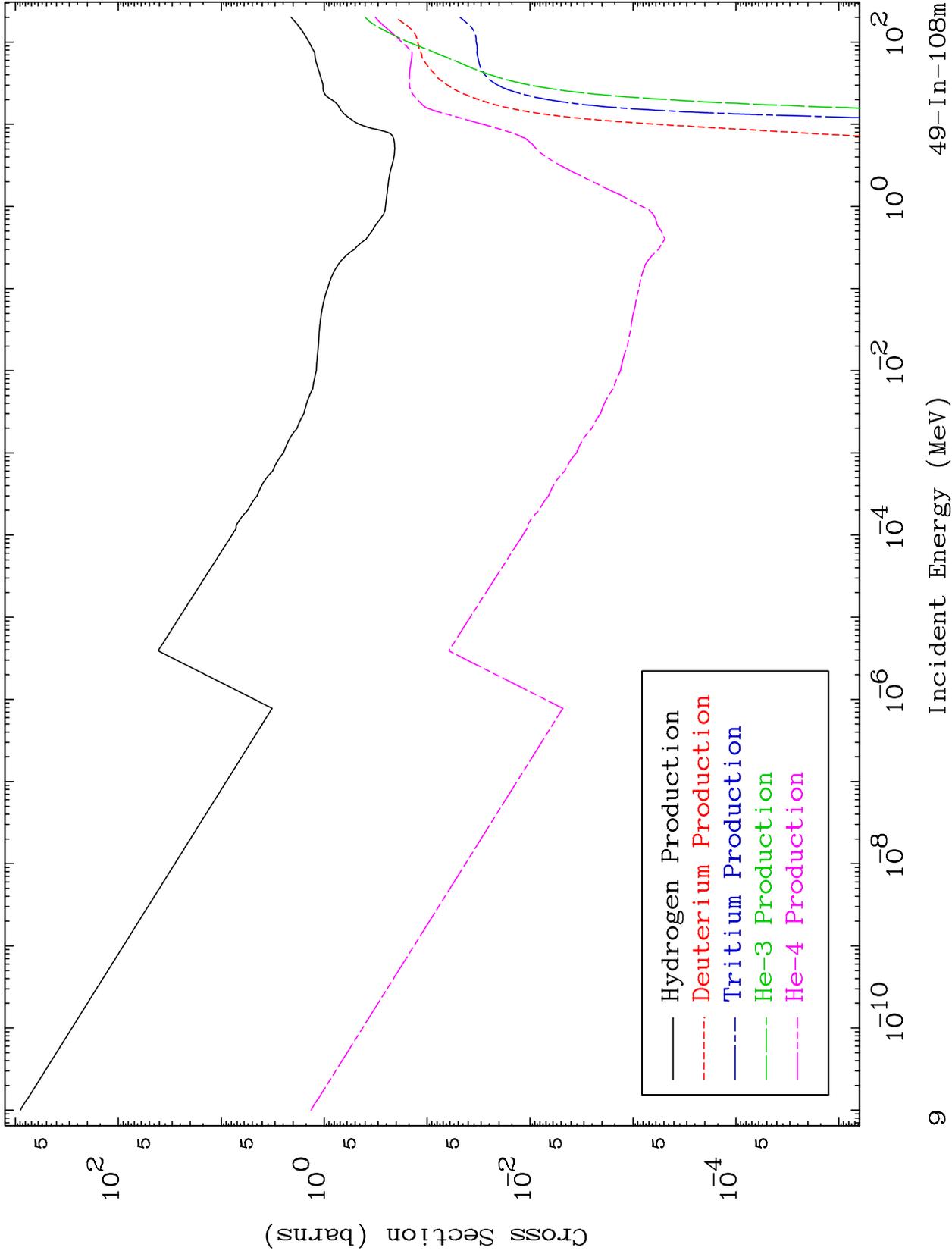




MAT 4911

Particle Production
293 Kelvin Cross Sections

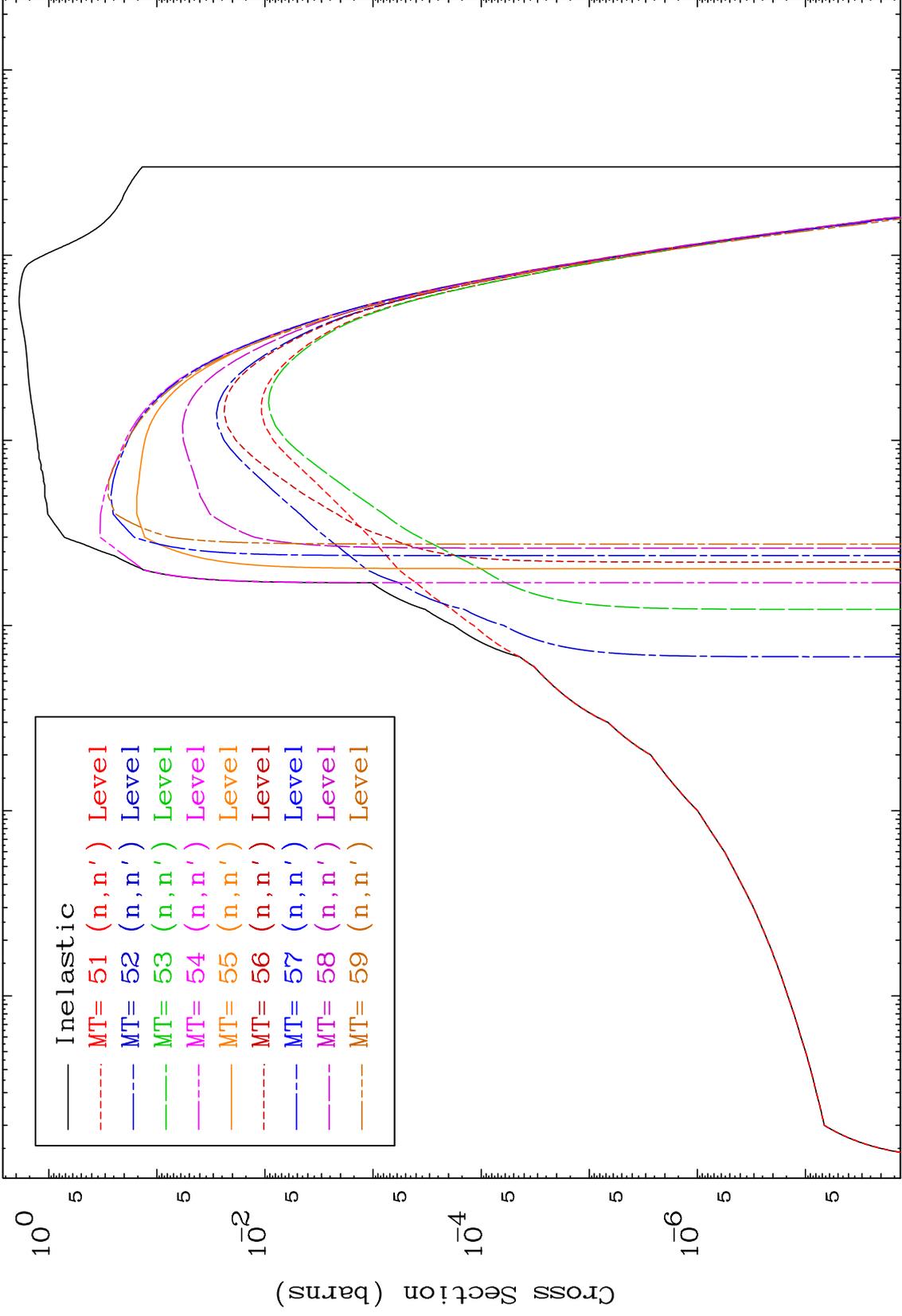
49-In-108m



MAT 4911

(n,n') Levels
293 Kelvin Cross Sections

49-In-108m



10

10⁻³

10⁻²

10⁻¹

10⁰

10¹

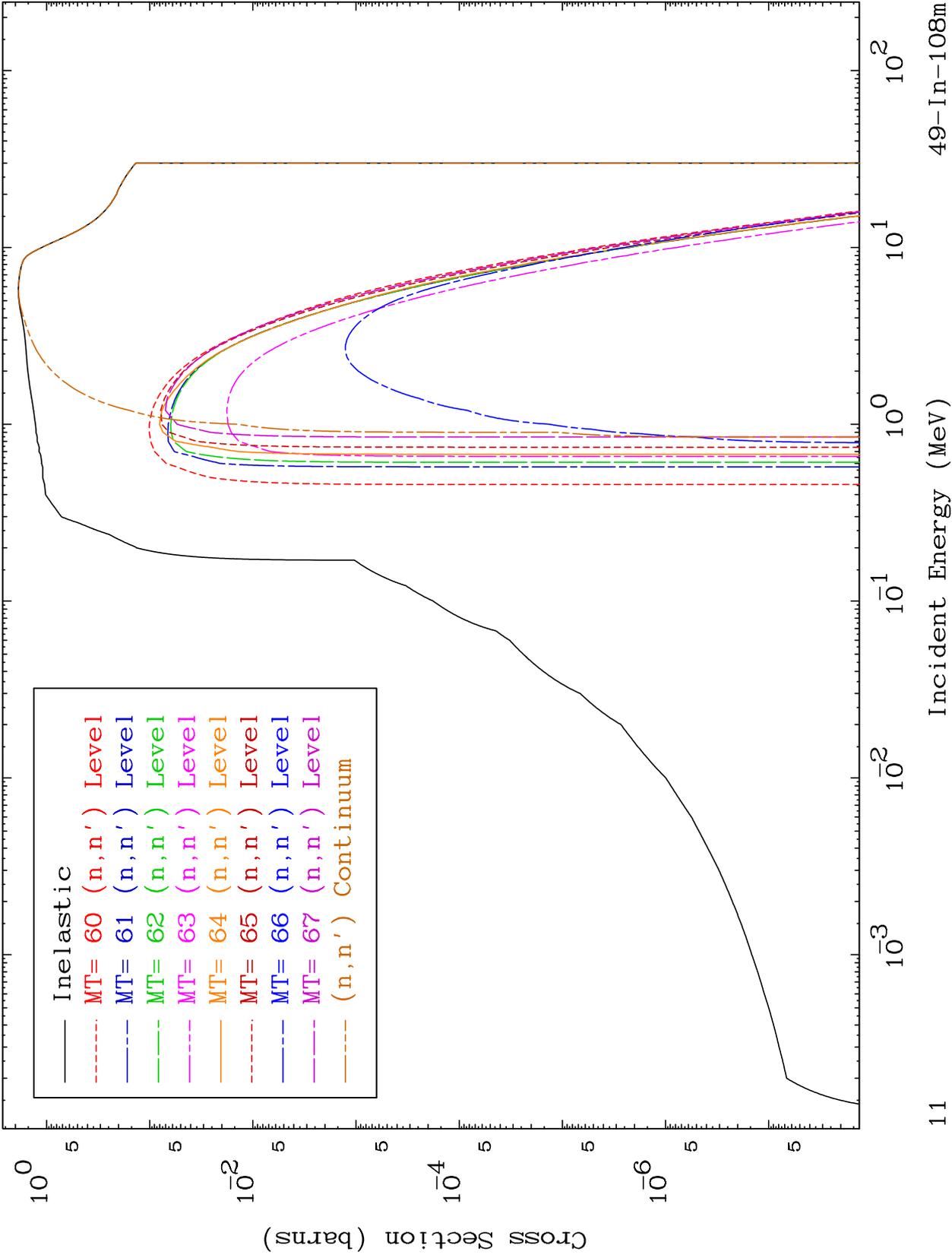
10²

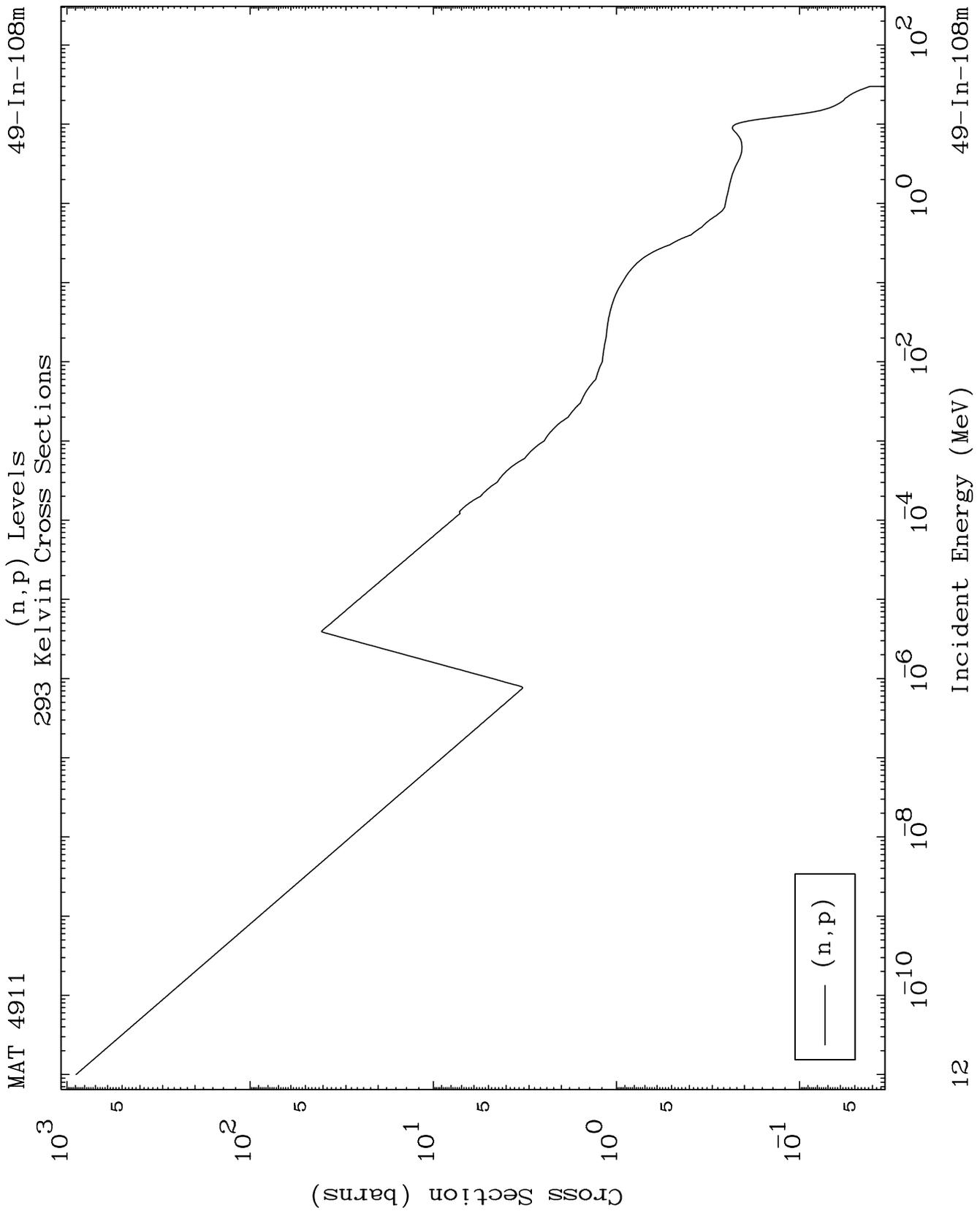
49-In-108m

MAT 4911

(n,n') Levels
293 Kelvin Cross Sections

49-In-108m

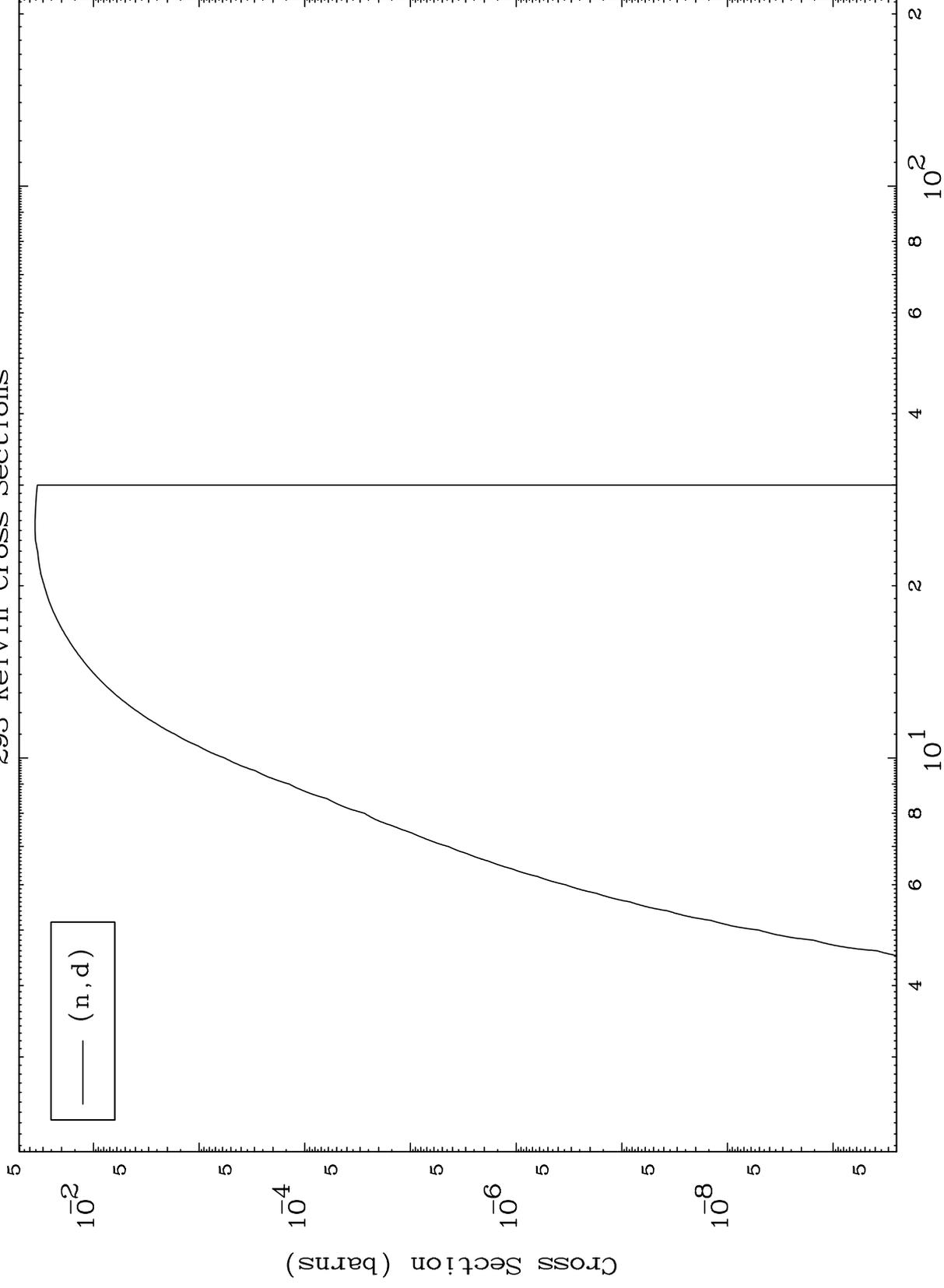




MAT 4911

(n,d) Levels
293 Kelvin Cross Sections

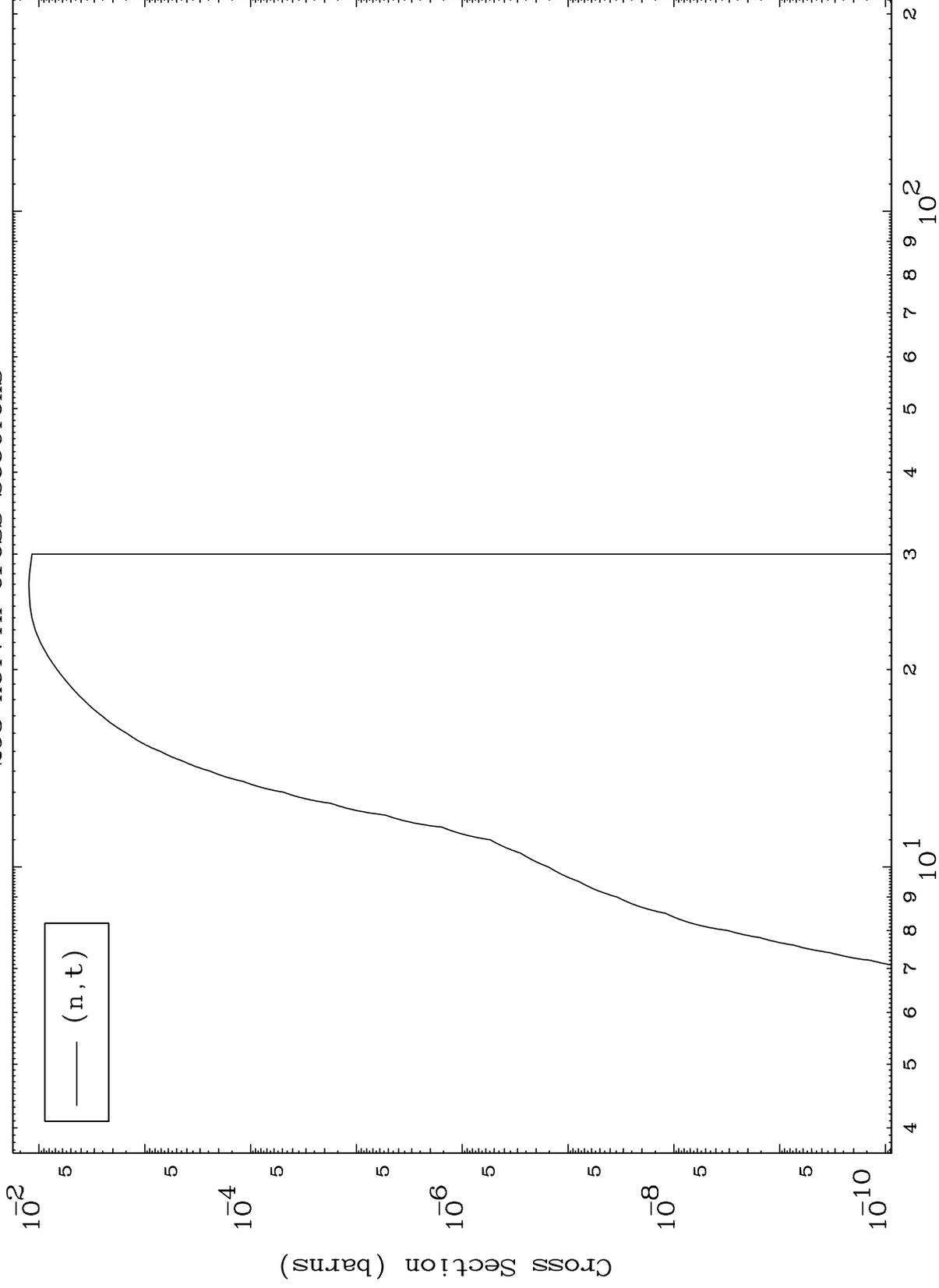
49-In-108m



MAT 4911

(n,t) Levels
293 Kelvin Cross Sections

49-In-108m



14

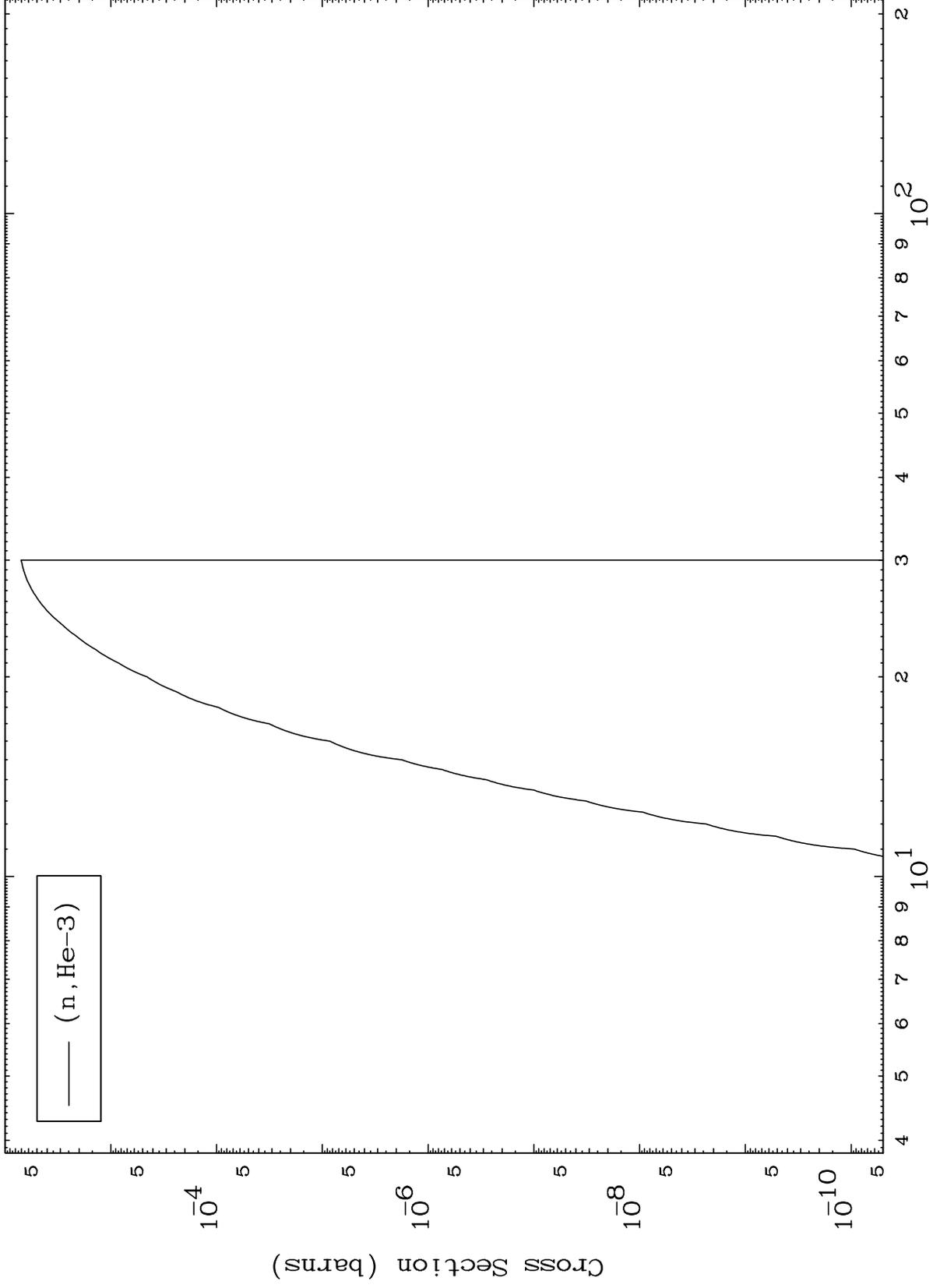
Incident Energy (MeV)

49-In-108m

MAT 4911

(n,He3) Levels
293 Kelvin Cross Sections

49-In-108m



15

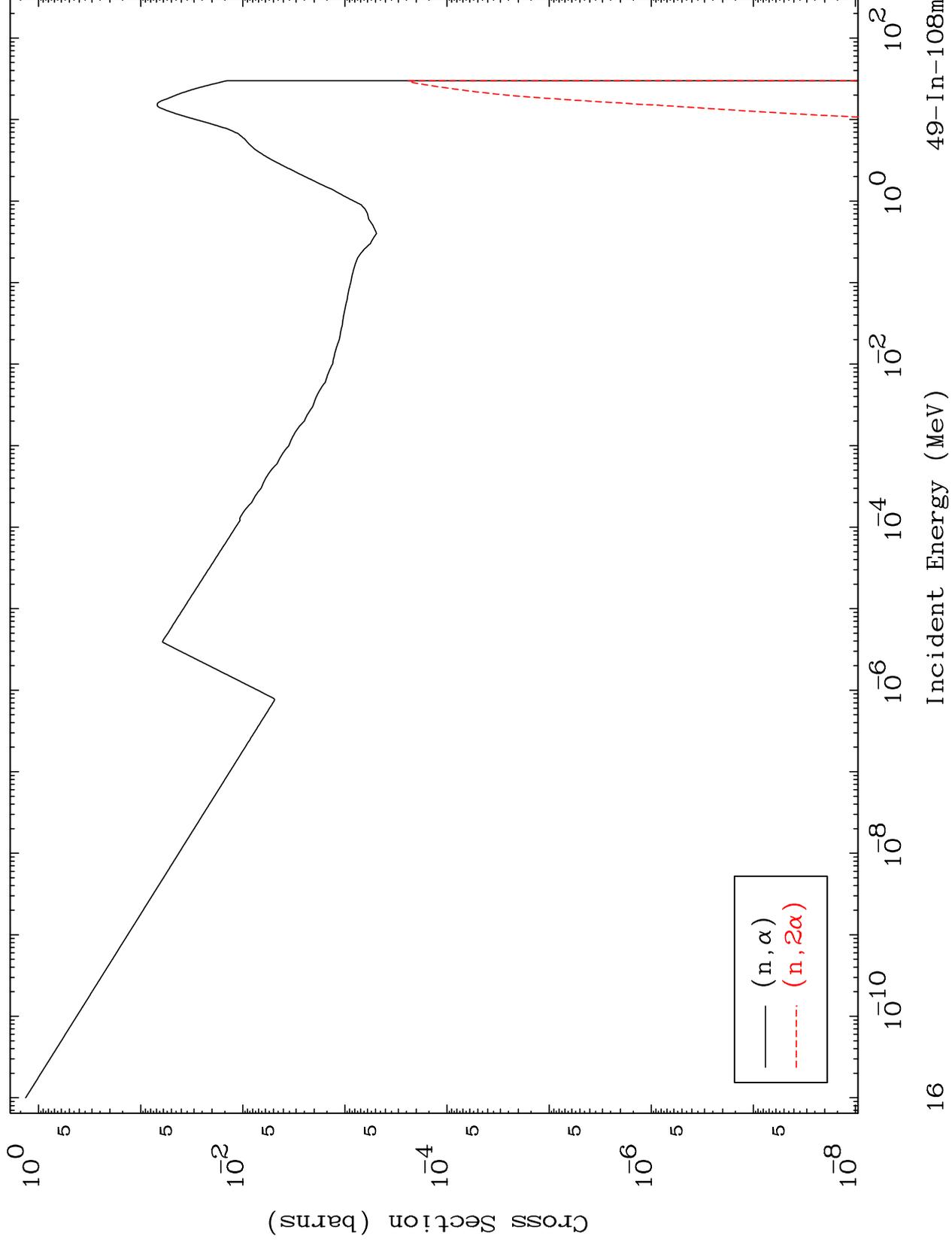
Incident Energy (MeV)

49-In-108m

MAT 4911

(n, α) Levels
293 Kelvin Cross Sections

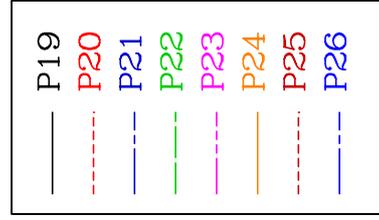
49-In-108m



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Elastic Legendre Coefficients

49-In-108m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

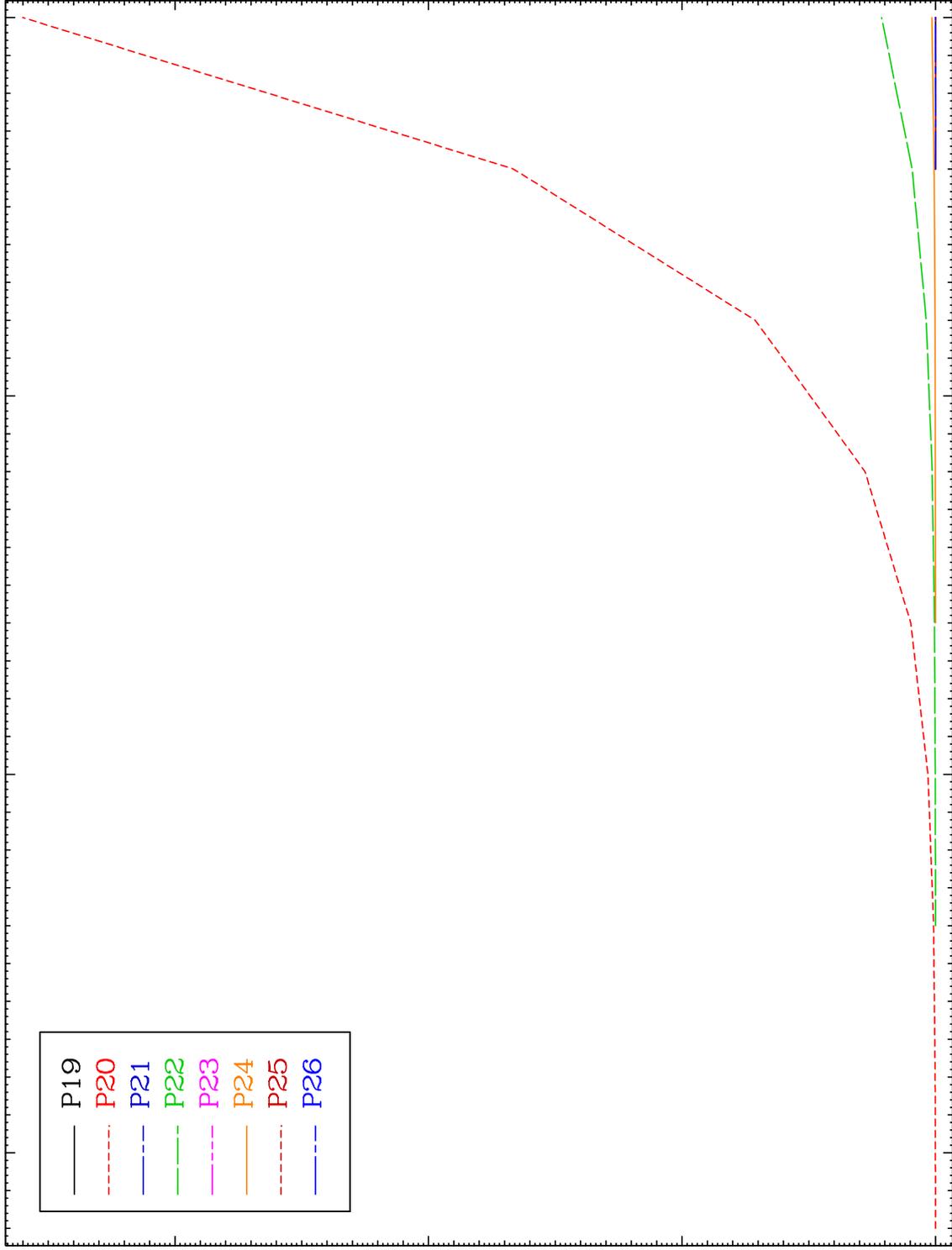
25

30

19

Incident Energy (MeV)

49-In-108m

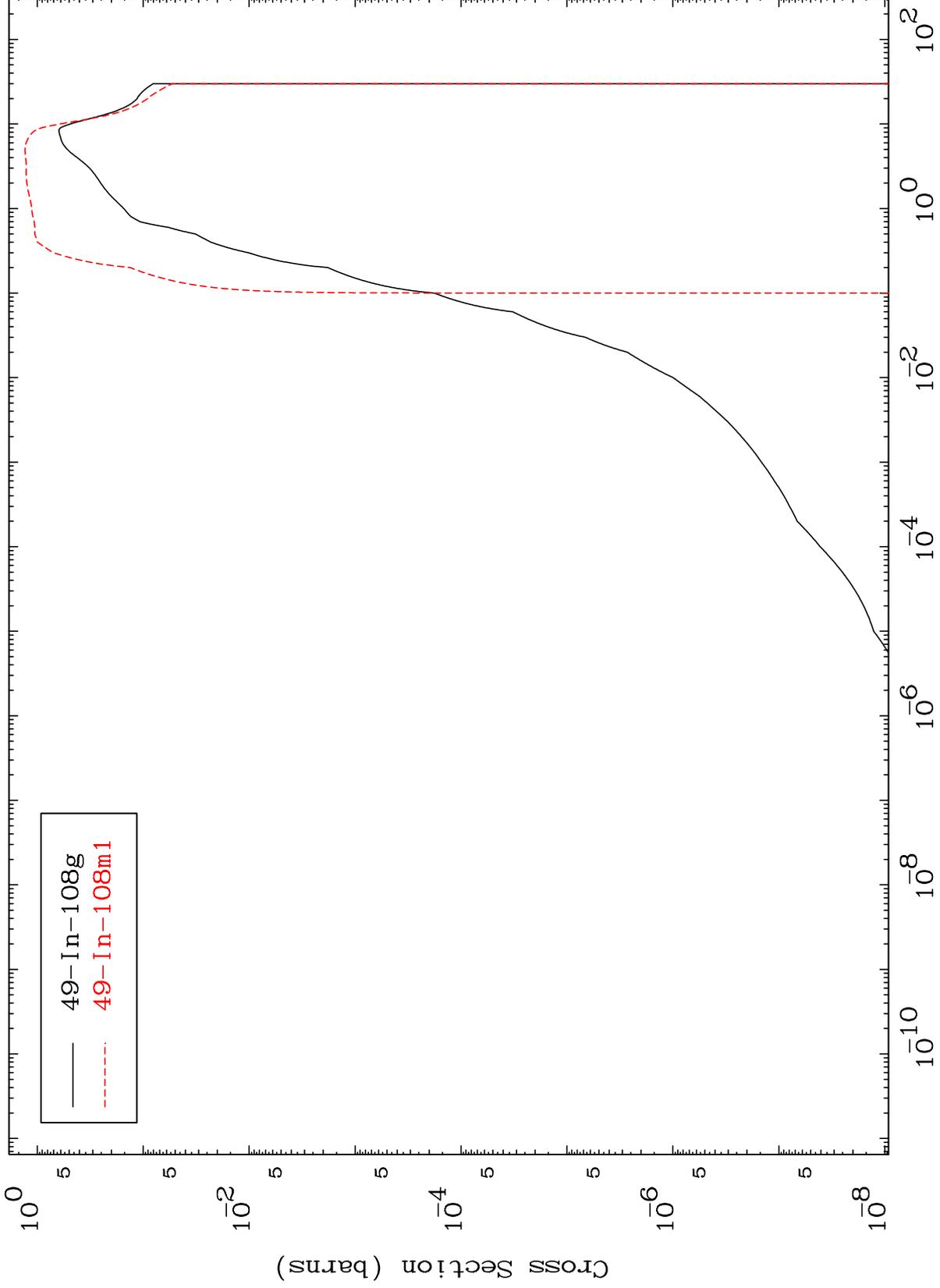


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49-In-108m

Inelastic

Radionuclide Production Cross Section

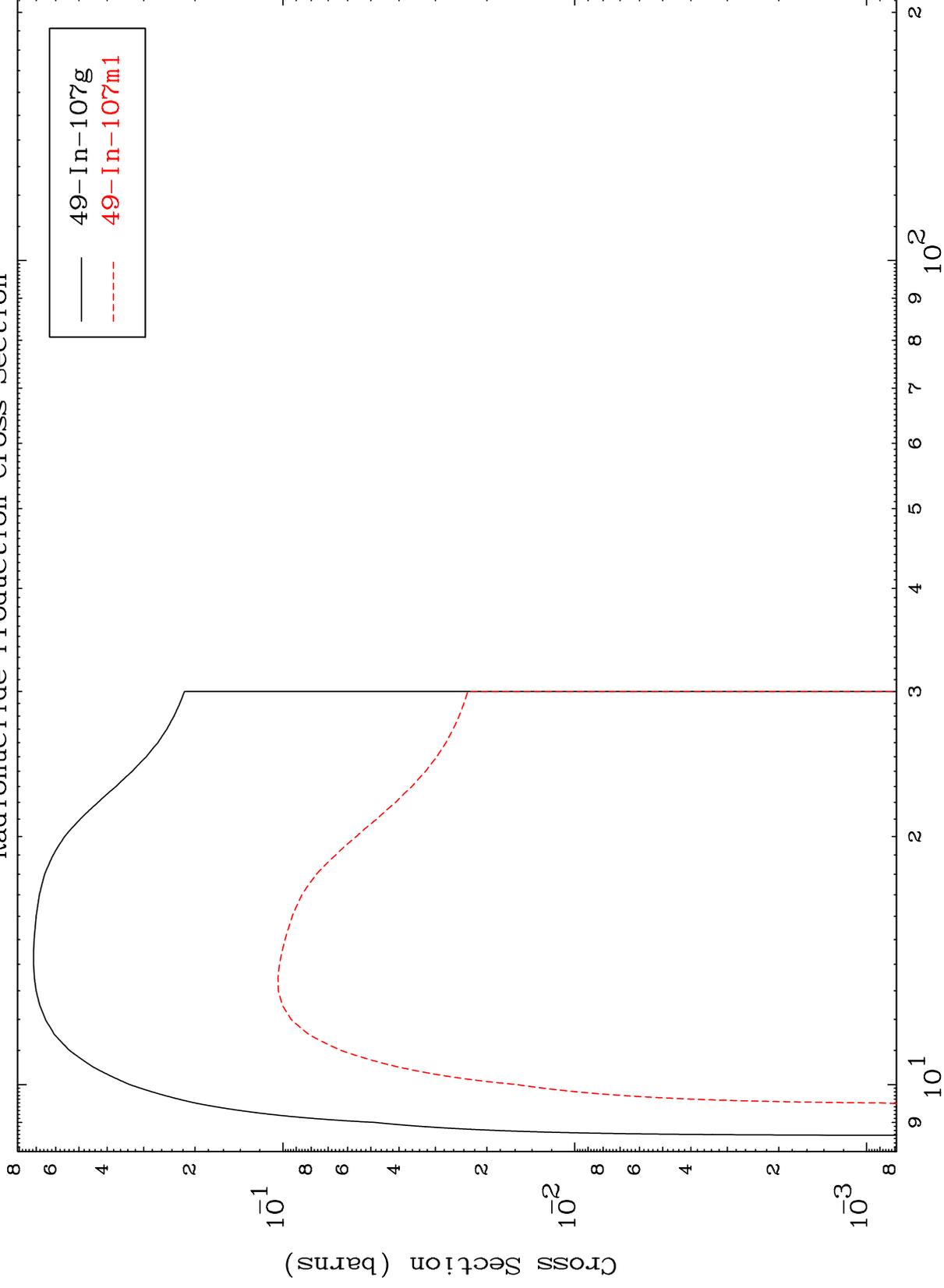


49-In-108g
49-In-108m1

MAT 4911

49-In-108m

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

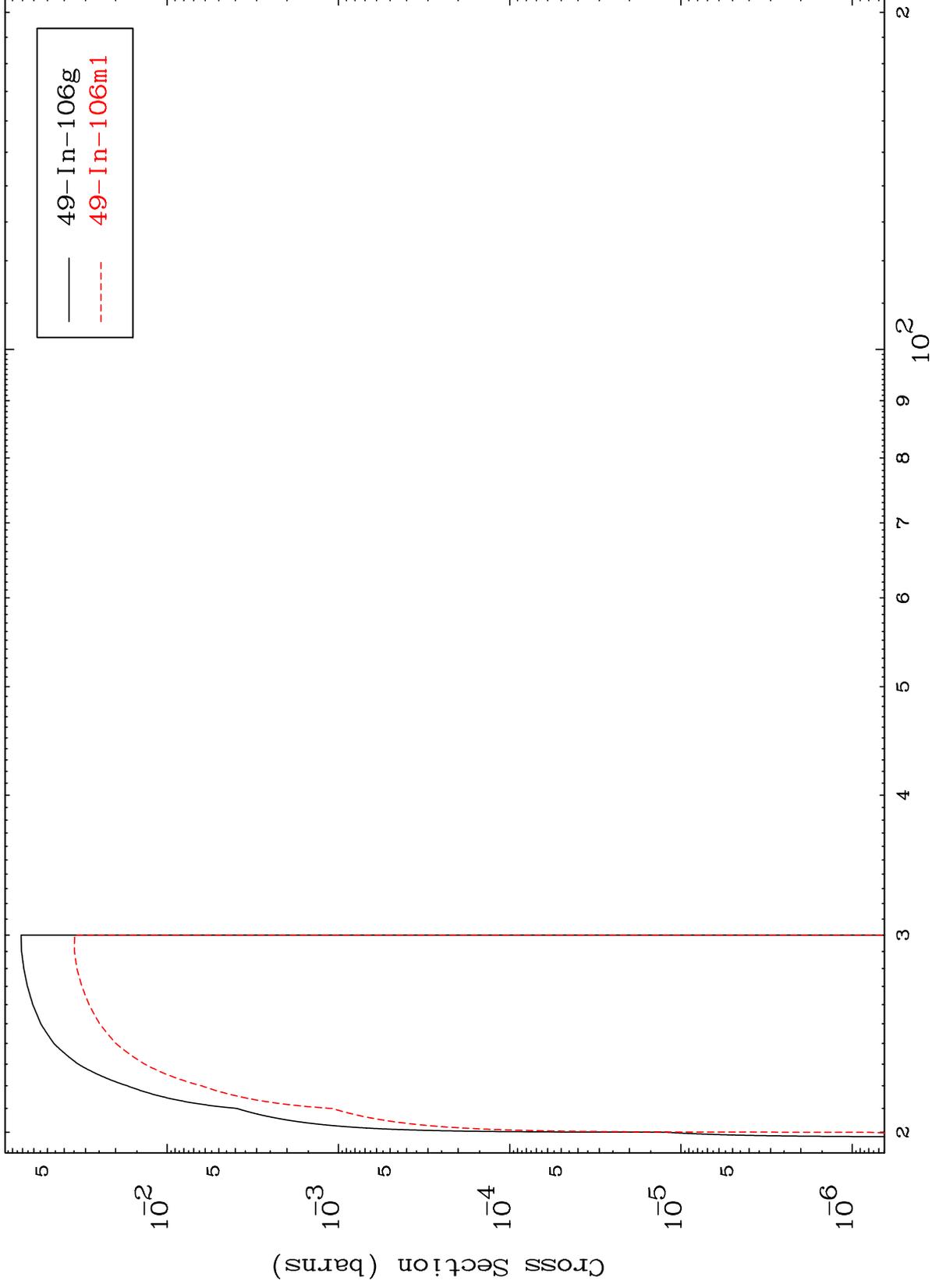
49-In-108m

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(n,3n)

49-In-108m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

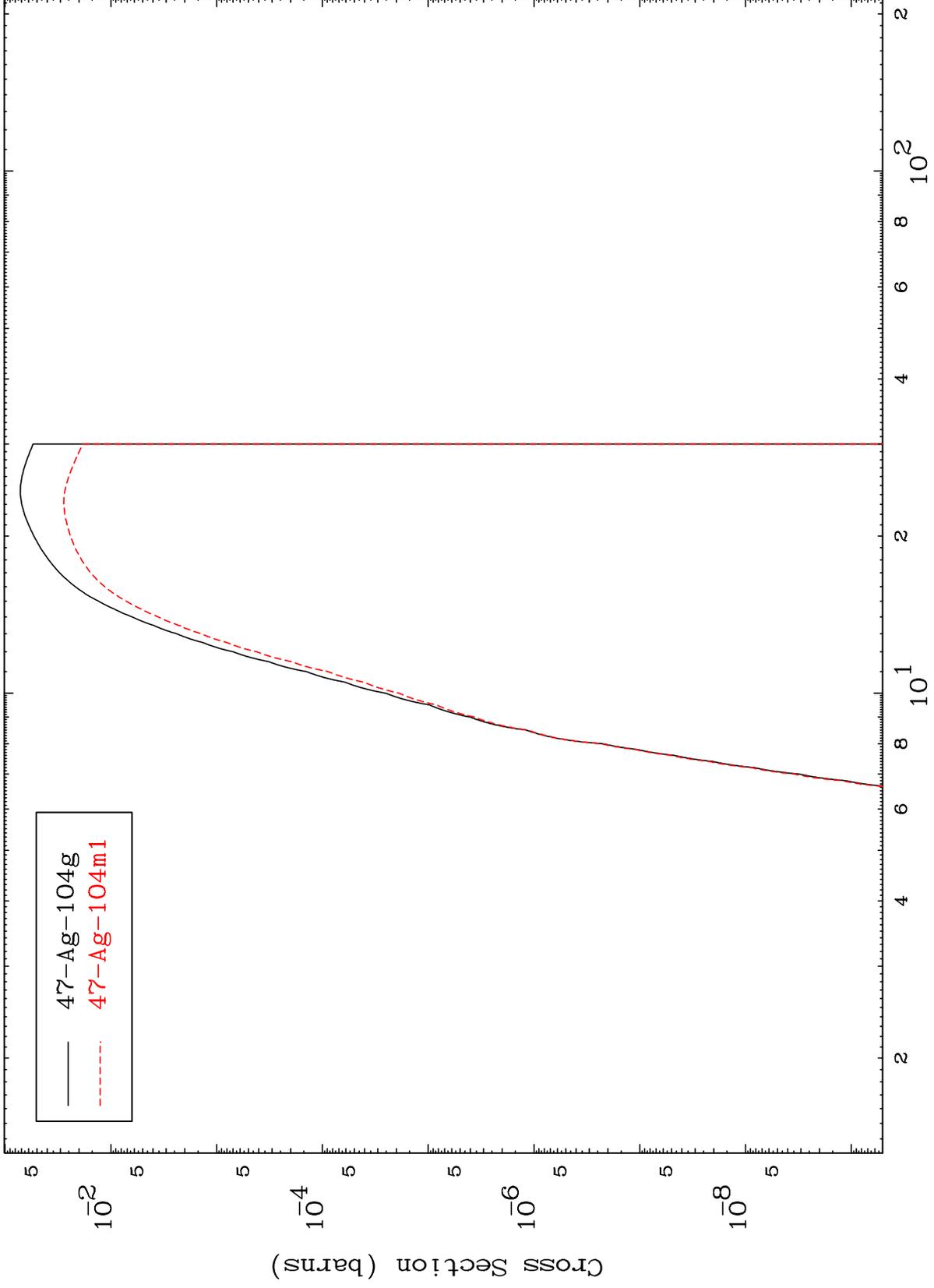
49-In-108m

MAT 4911

(n,n') α

49-In-108m

Radionuclide Production Cross Section

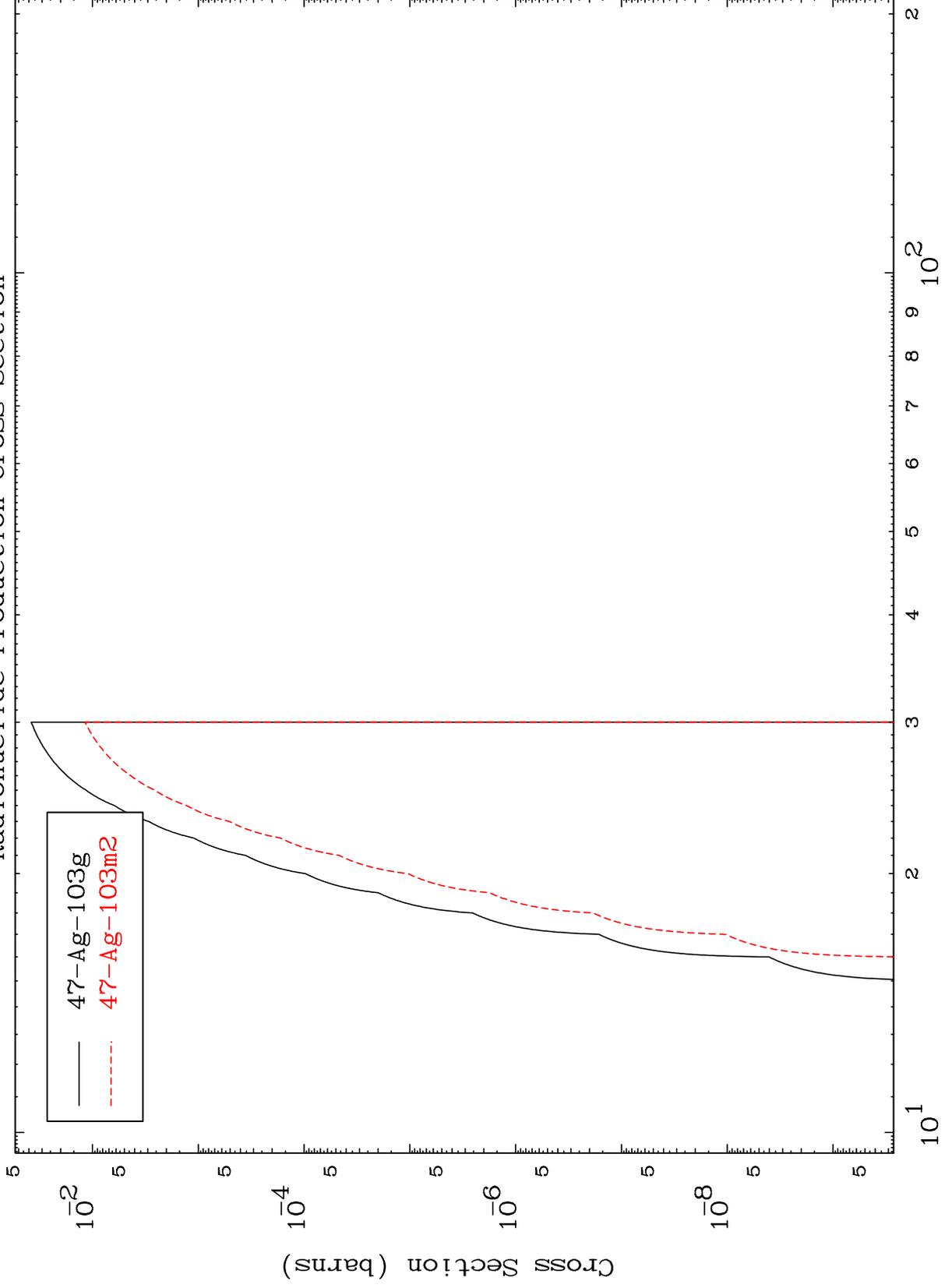


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(n,2n) α

49-In-108m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-108m

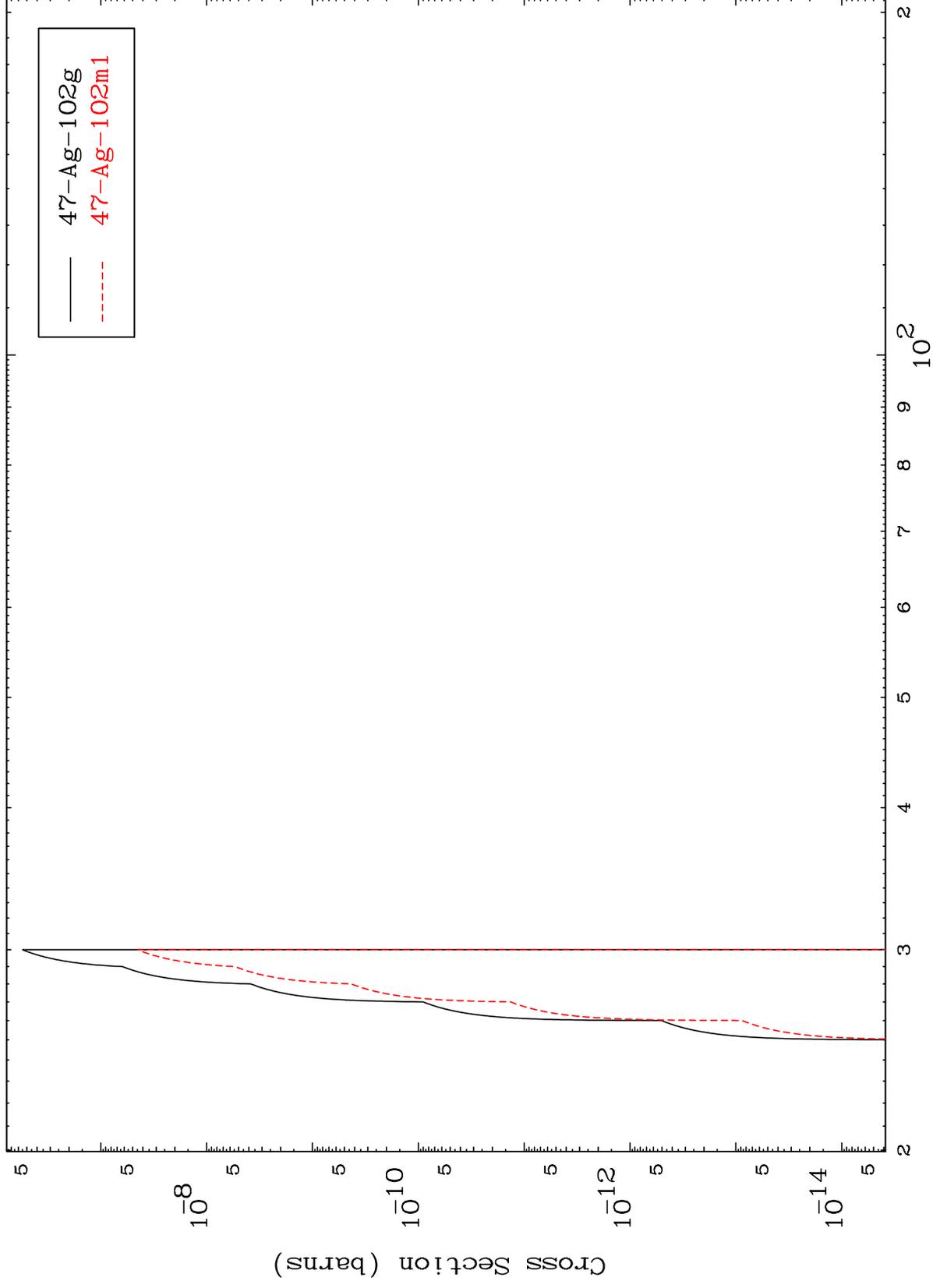
24

MAT 4911

(n,3n) α

49-In-108m

Radionuclide Production Cross Section



25

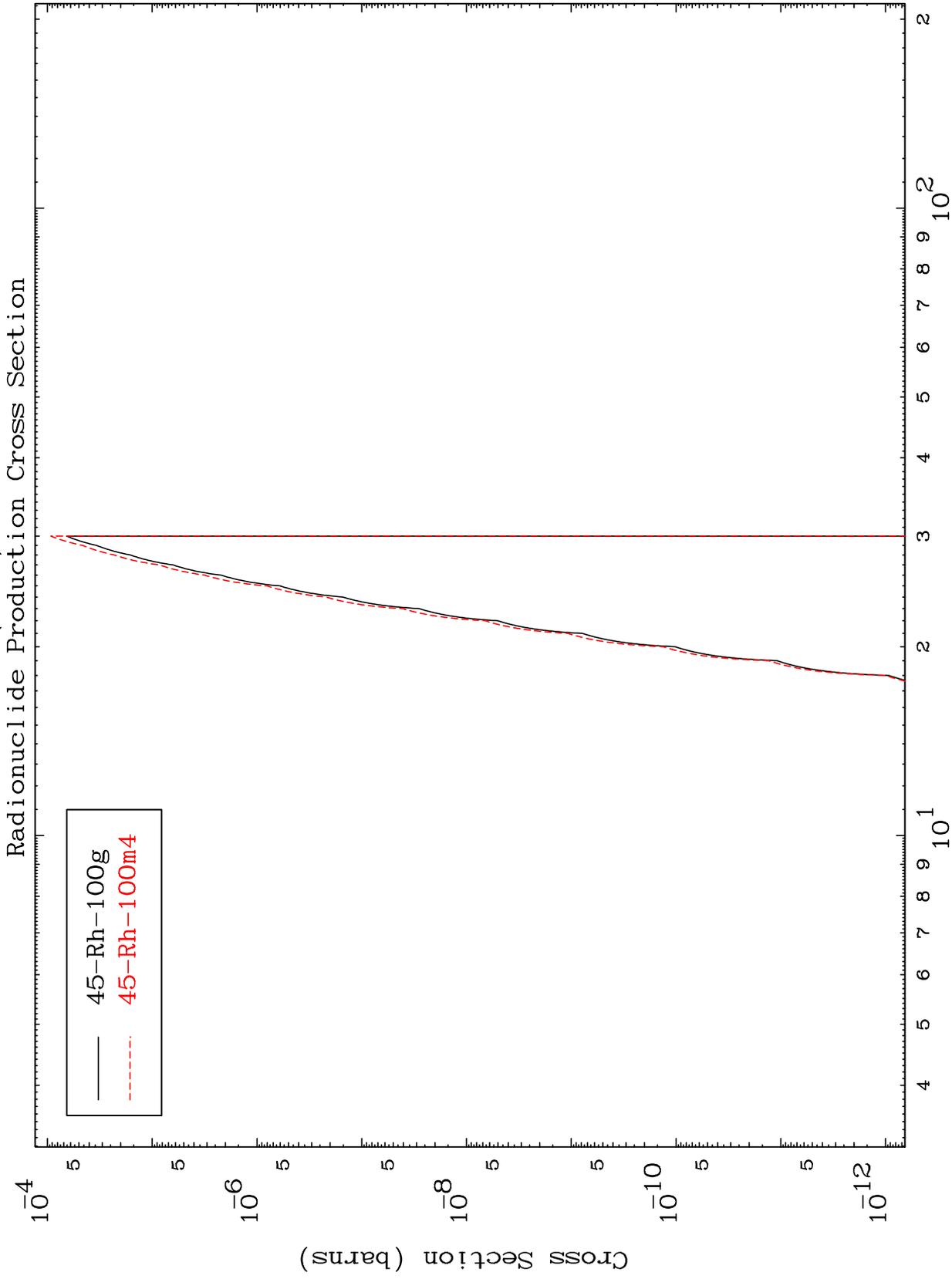
Incident Energy (MeV)

49-In-108m

MAT 4911

(n,n') 2α

49-In-108m



26

Incident Energy (MeV)

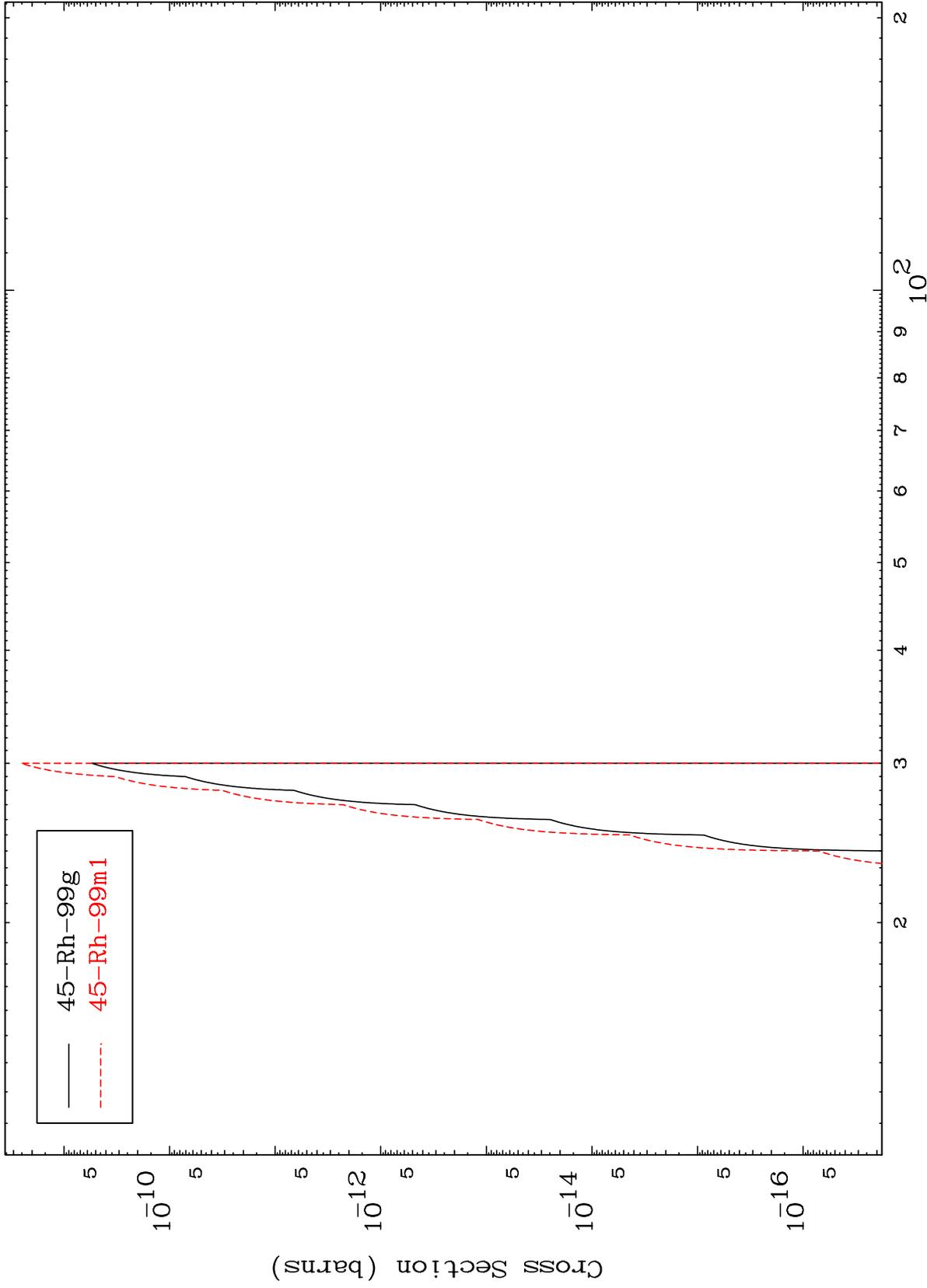
49-In-108m

MAT 4911

(n,2n) 2α

49-In-108m

Radionuclide Production Cross Section

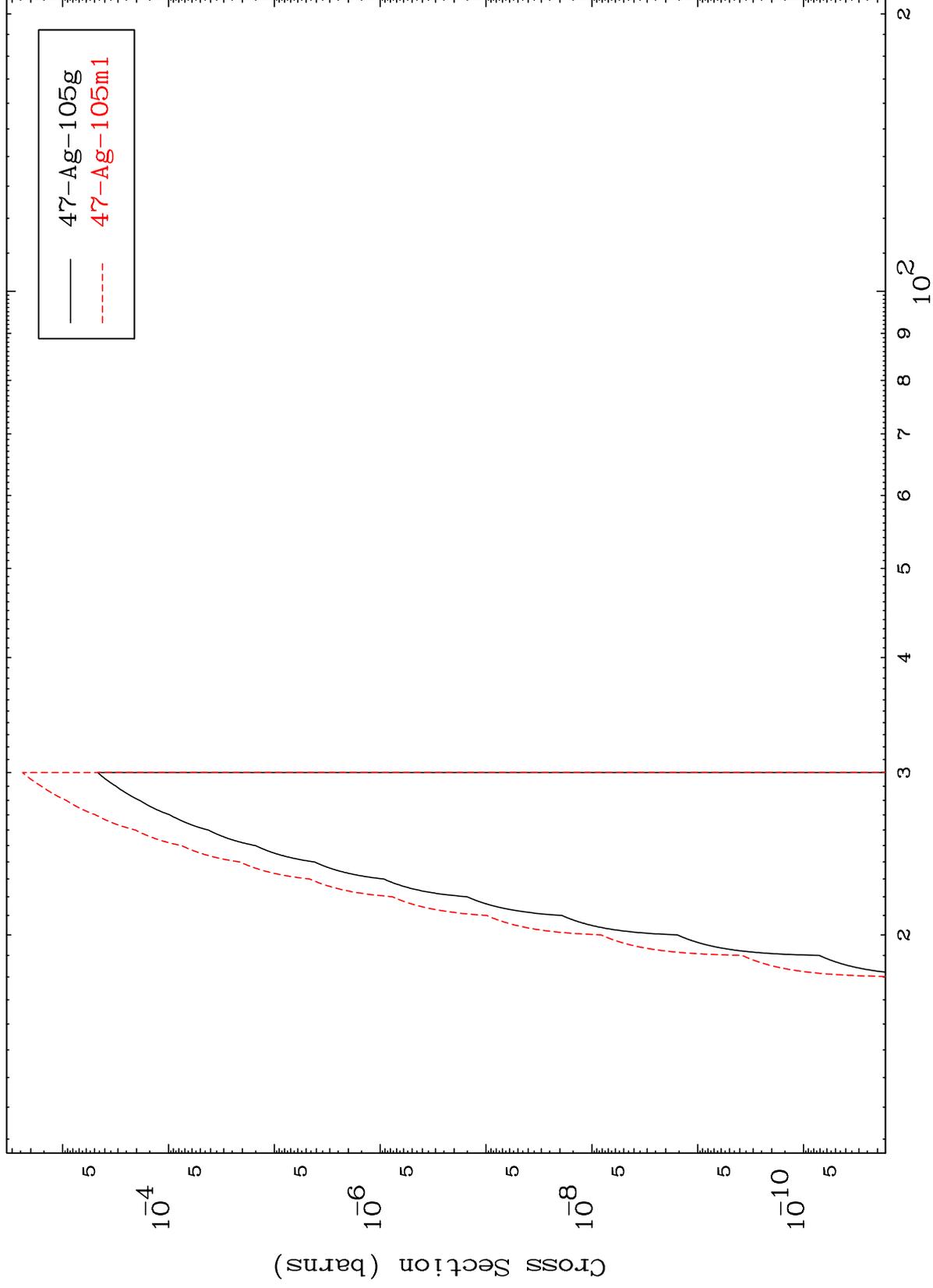


27

Incident Energy (MeV)

49-In-108m

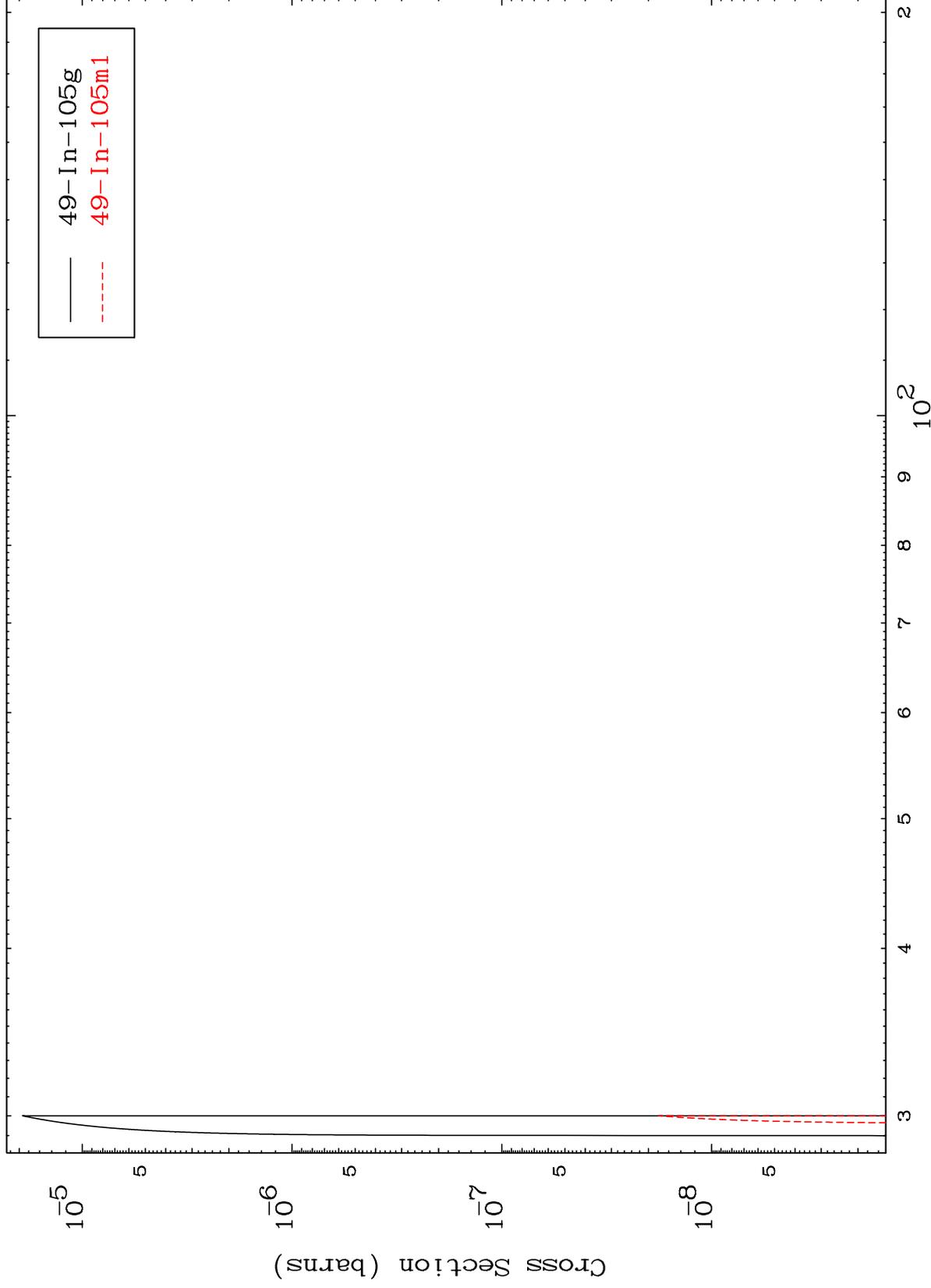
Radionuclide Production Cross Section



MAT 4911

49-In-108m

(n,4n)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

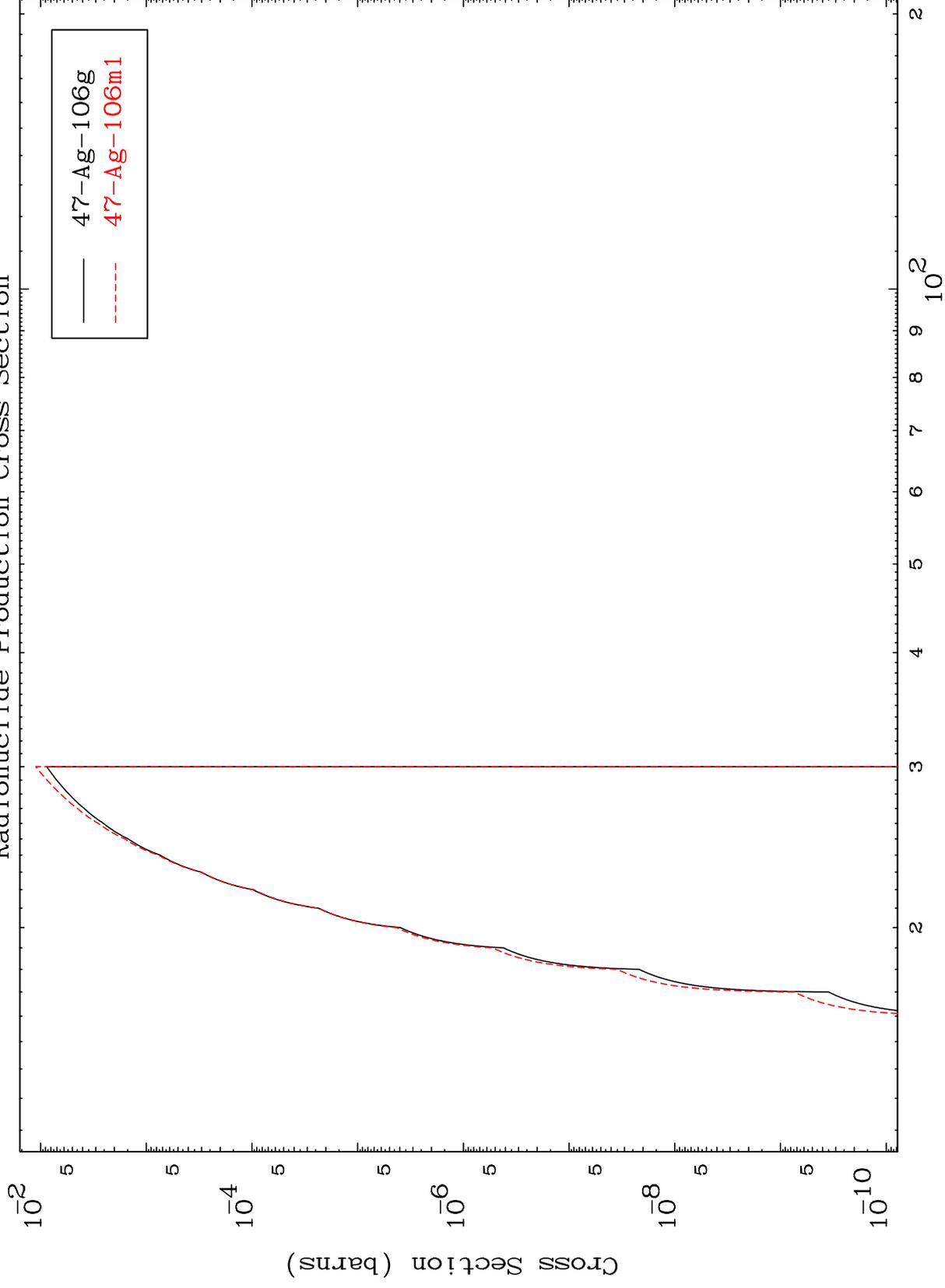
49-In-108m

MAT 4911

(n,2n) p

49-In-108m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

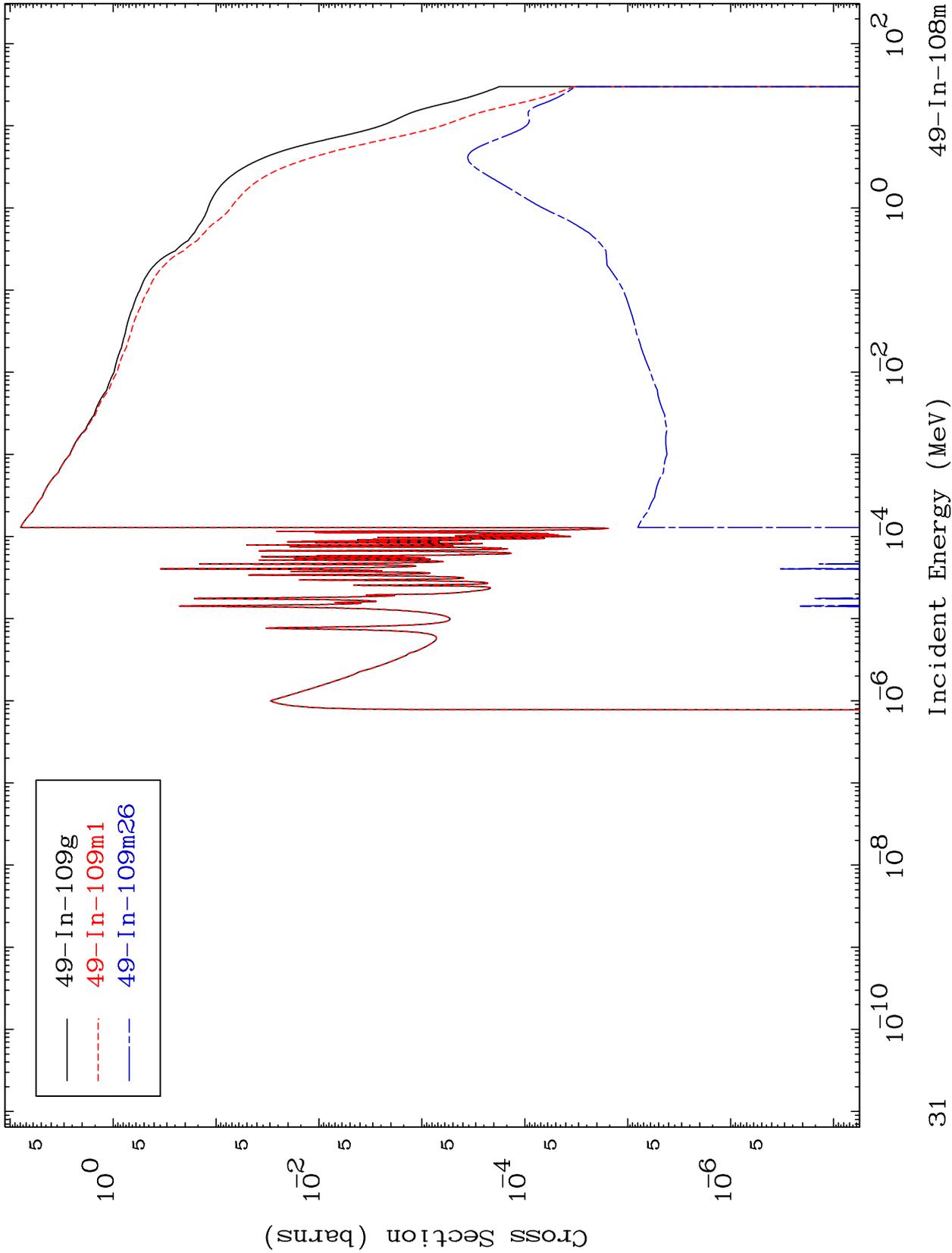
49-In-108m

MAT 4911

49-In-108m

(n, γ)

Radionuclide Production Cross Section

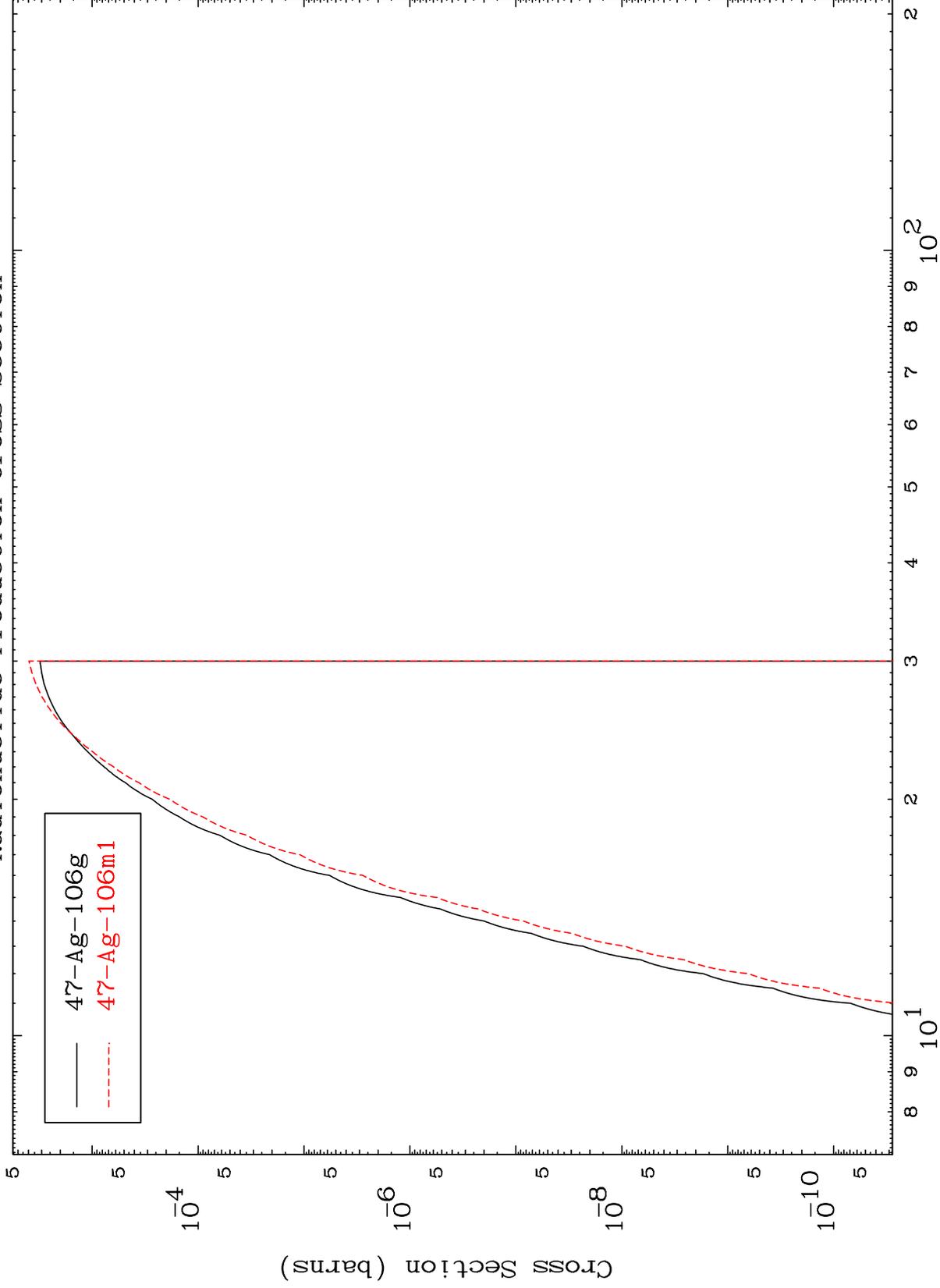


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(n,He-3)

49-In-108m

Radionuclide Production Cross Section



Incident Energy (MeV)

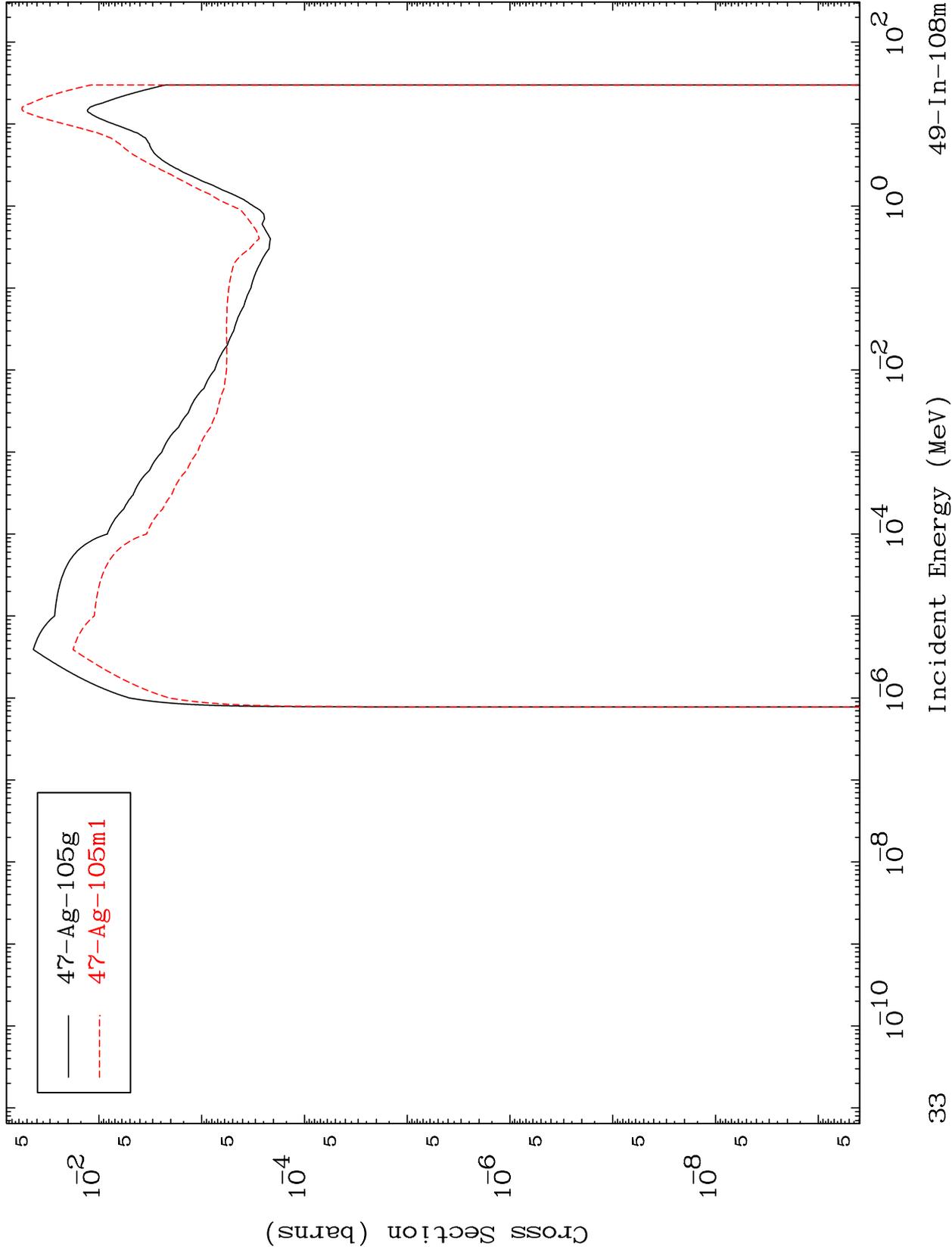
49-In-108m

32

MAT 4911

49-In-108m

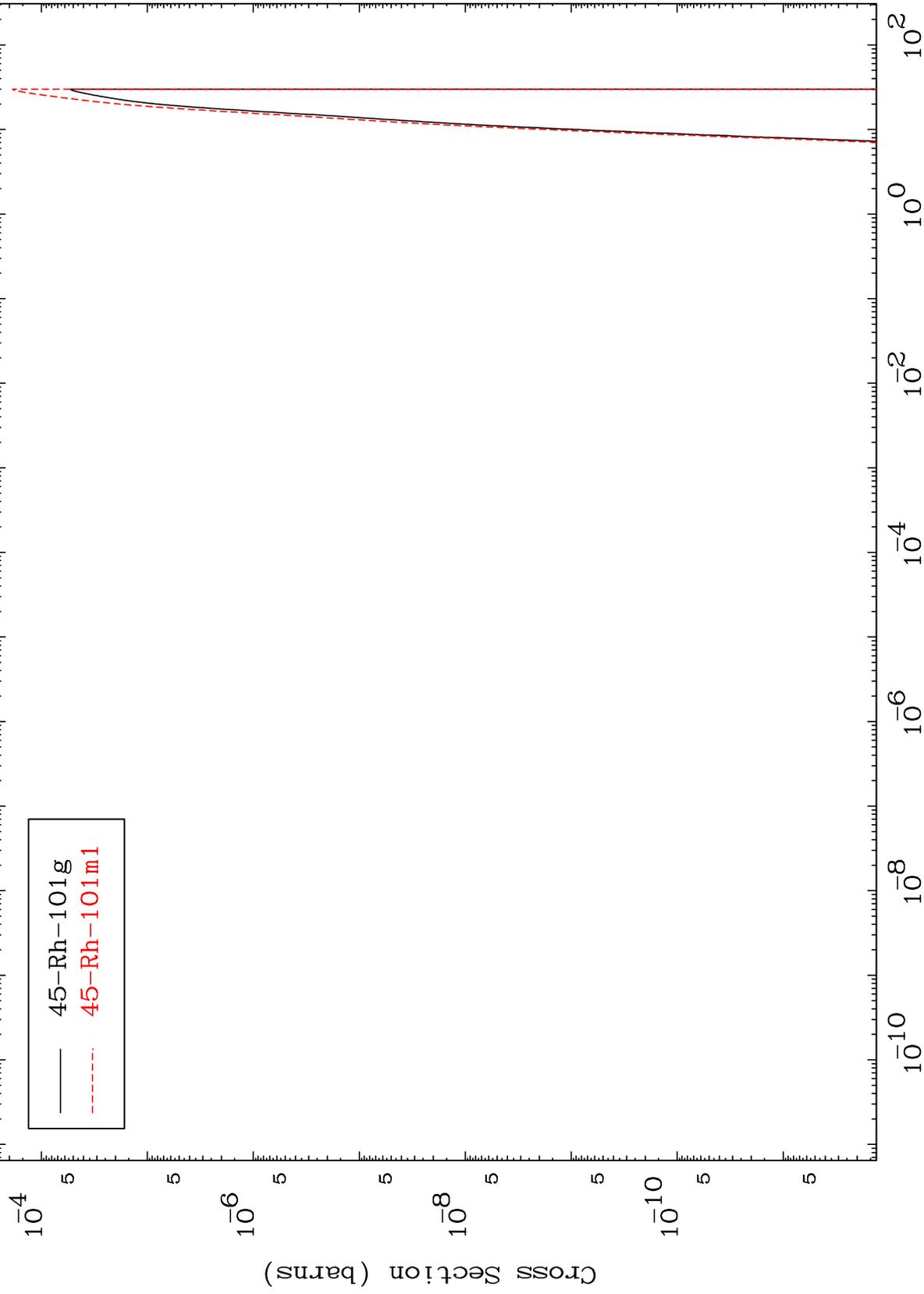
Radionuclide Production Cross Section



MAT 4911

Radionuclide Production Cross Section
(n,2 α)

49-In-108m

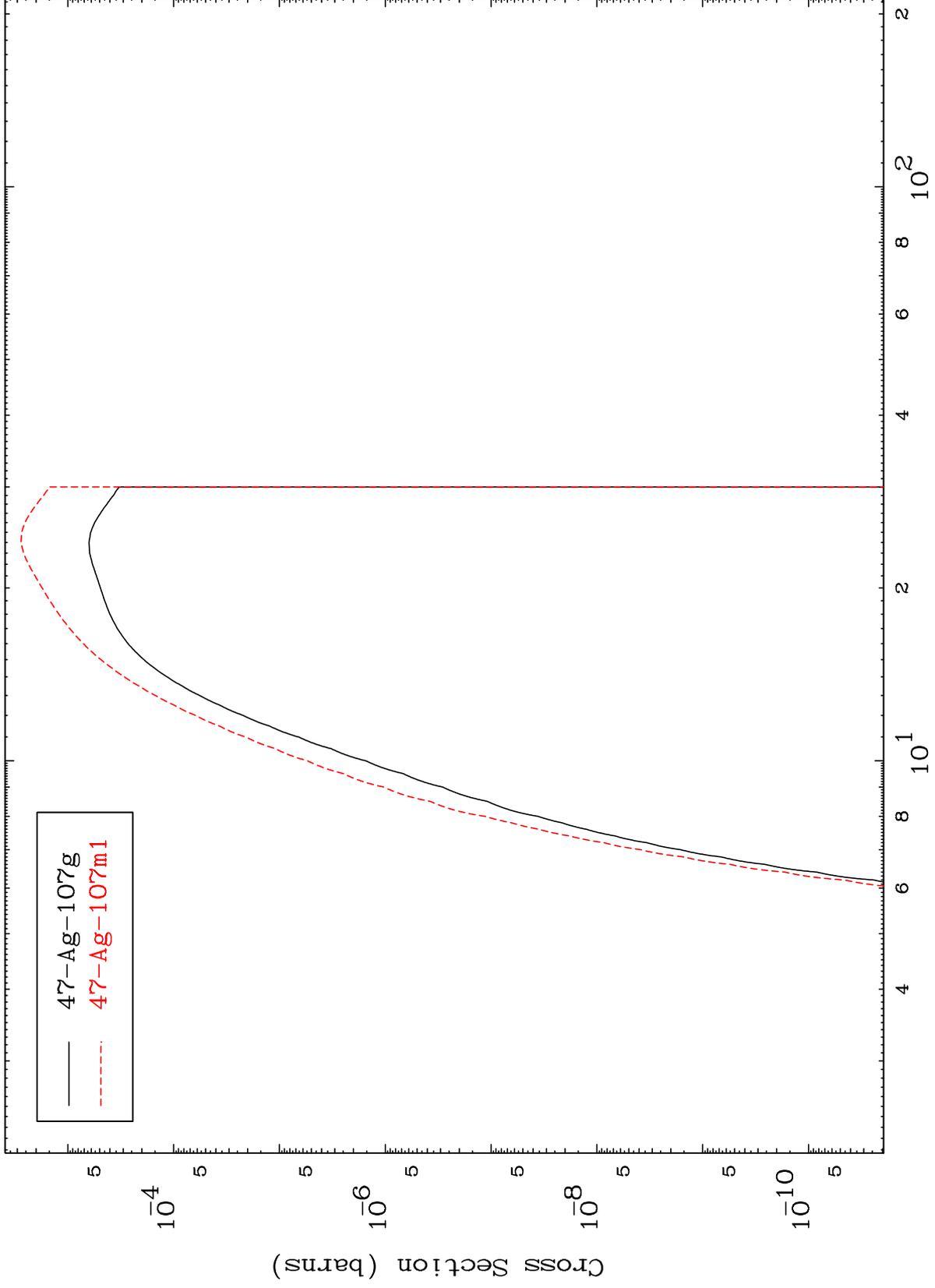


— 45-Rh-101g
- - - 45-Rh-101m1

MAT 4911

49-In-108m

(n,2p)
Radionuclide Production Cross Section



35

49-In-108m

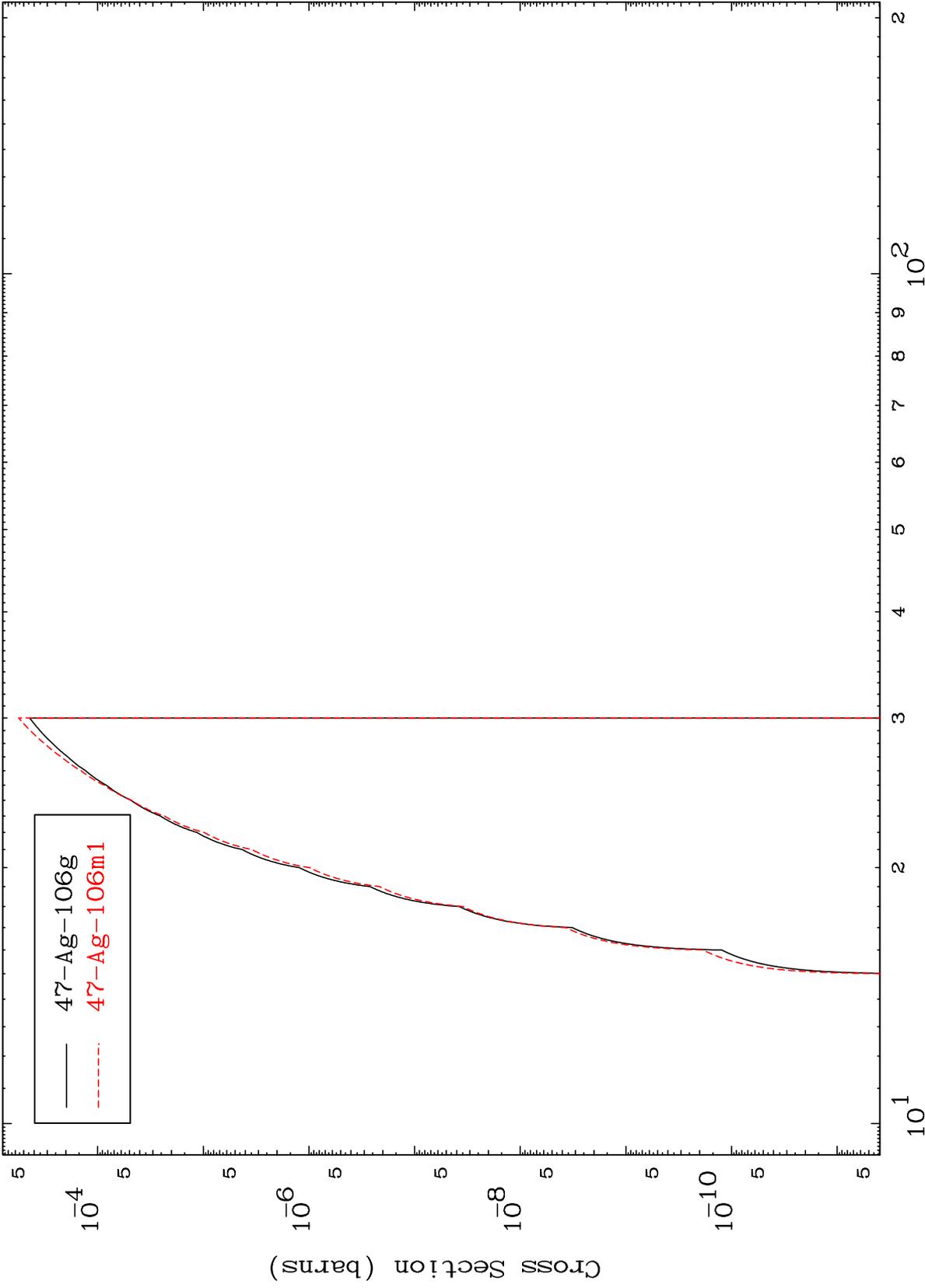
Incident Energy (MeV)

MAT 4911

(n,p) d

49-In-108m

Radionuclide Production Cross Section



— 47-Ag-106g
- - - 47-Ag-106m1

Incident Energy (MeV)

49-In-108m

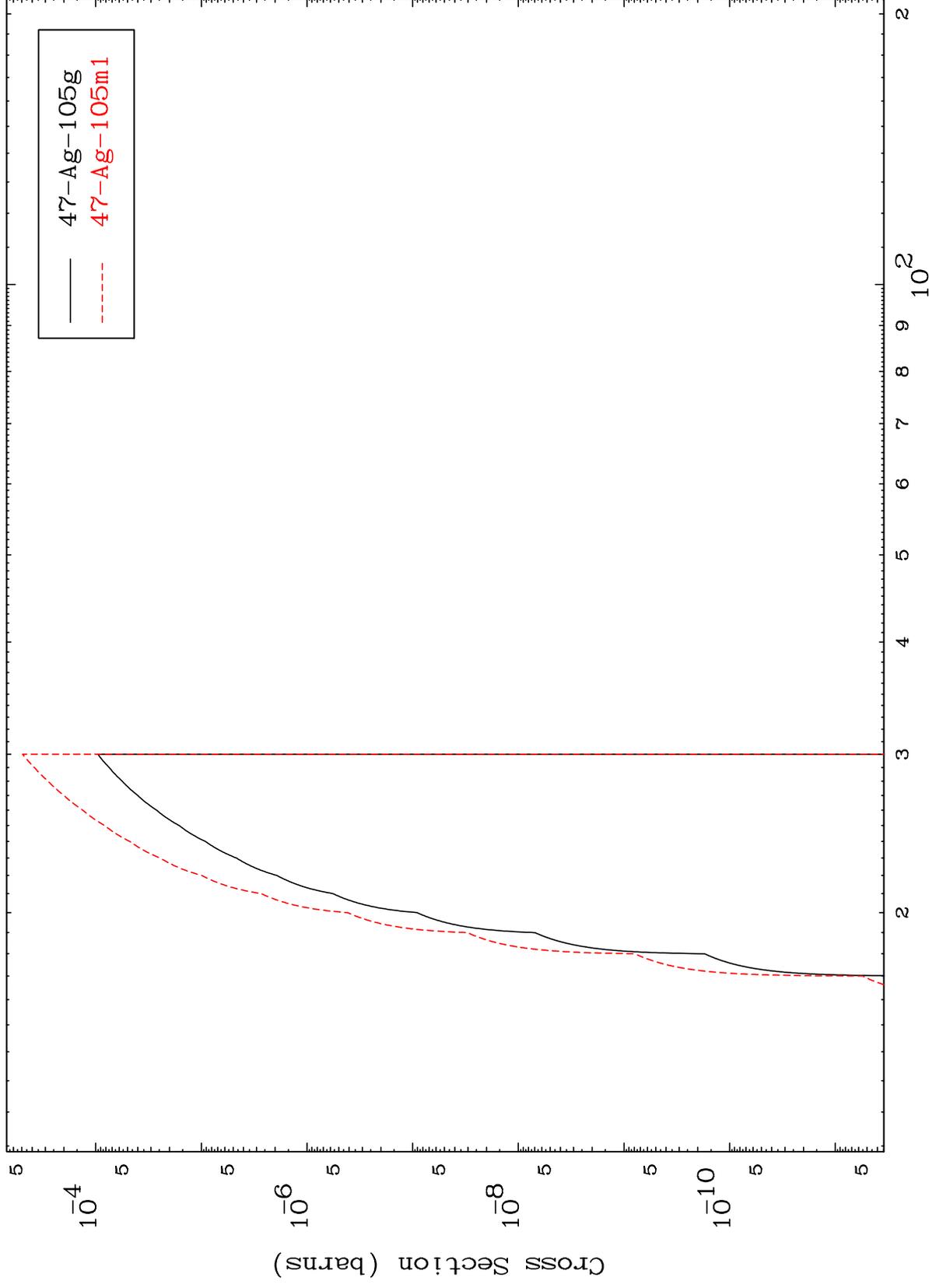
36

MAT 4911

(n,p) t

49-In-108m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-108m