

Program EVALPLOT
(Version 2021-1)

by

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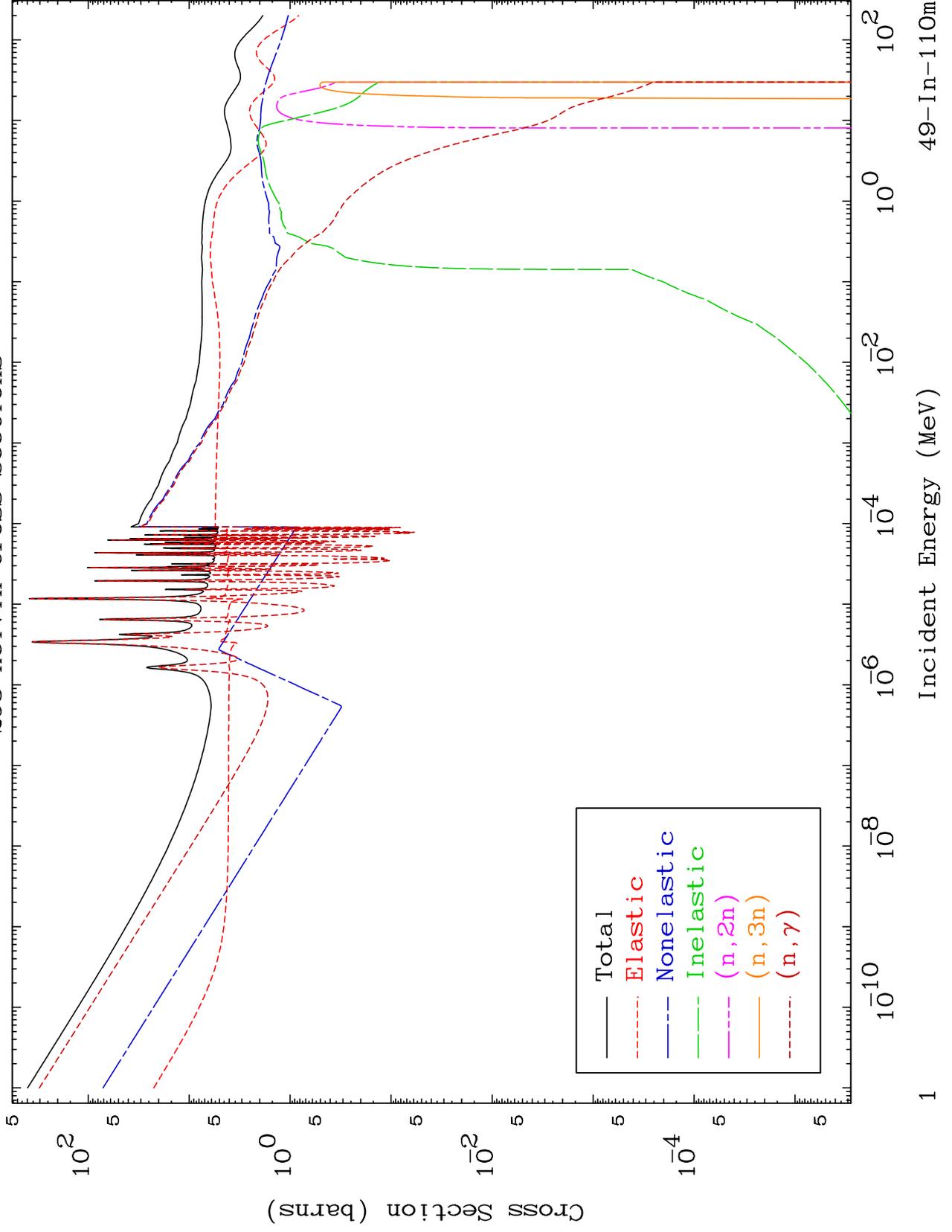
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Press Mouse Button to Start

MAT 4917

Neutron Major
293 Kelvin Cross Sections

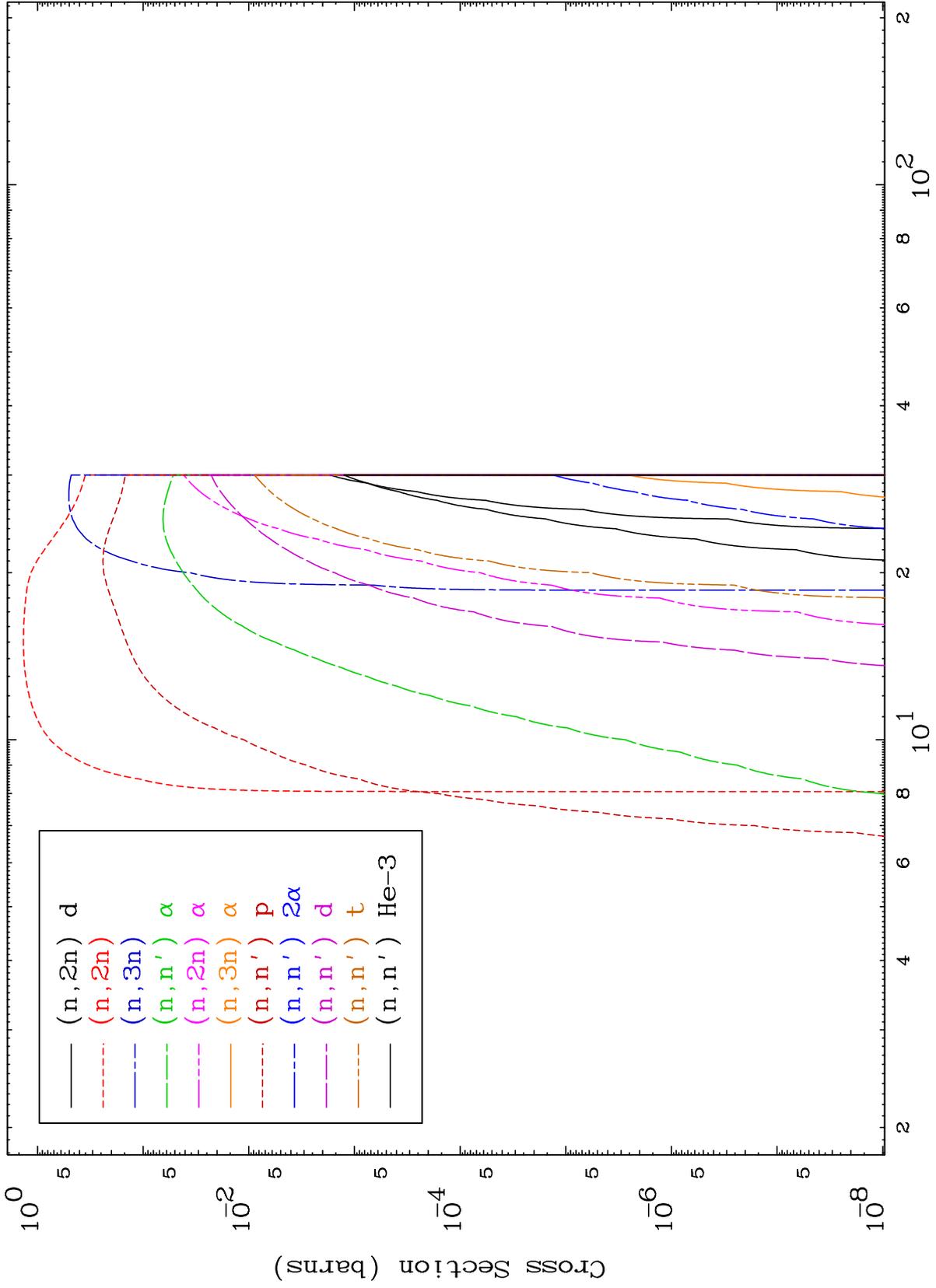
49-In-110m



MAT 4917

Neutron Absorption
293 Kelvin Cross Sections

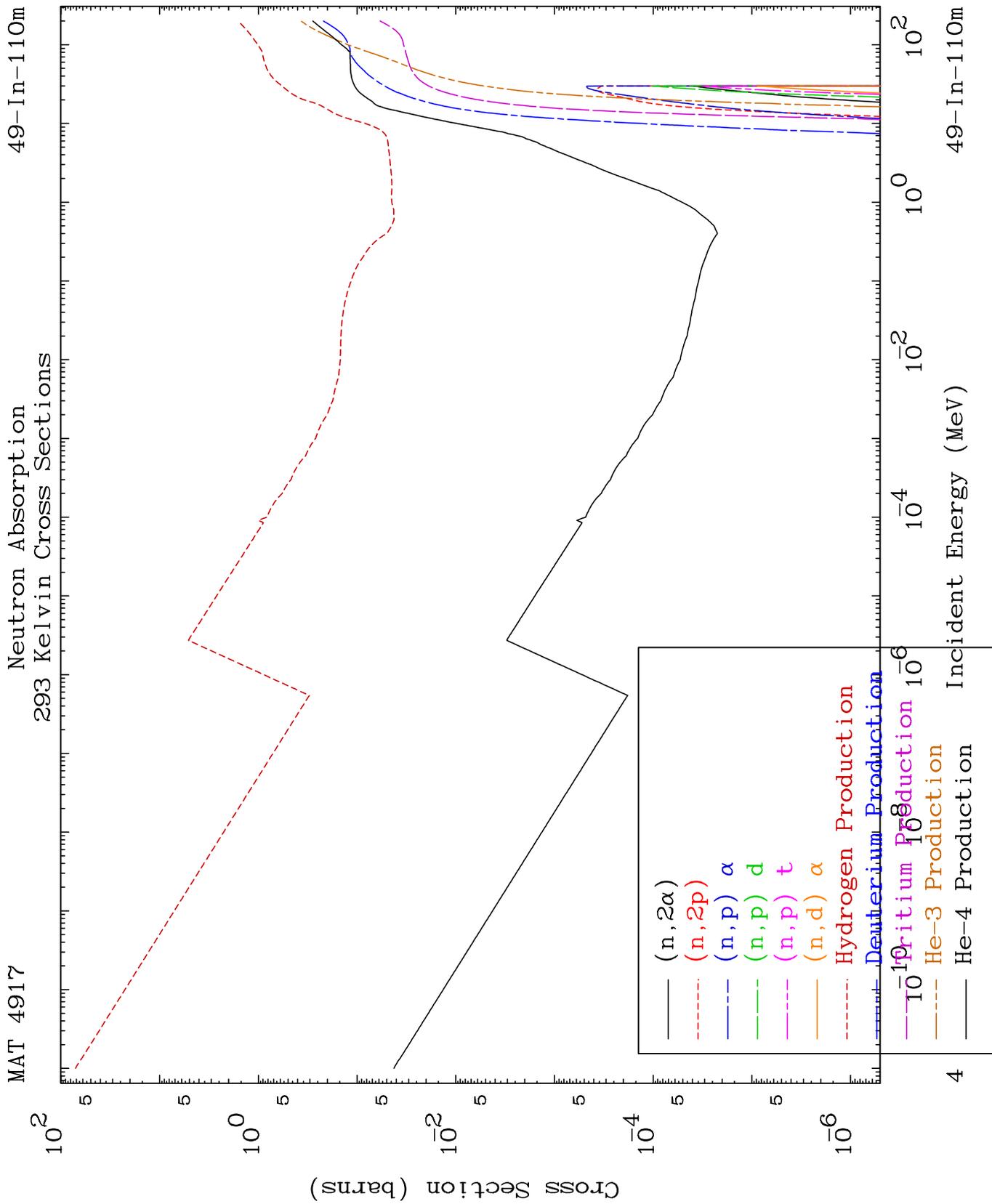
49-In-110m



2

Incident Energy (MeV)

49-In-110m



MAT 4917

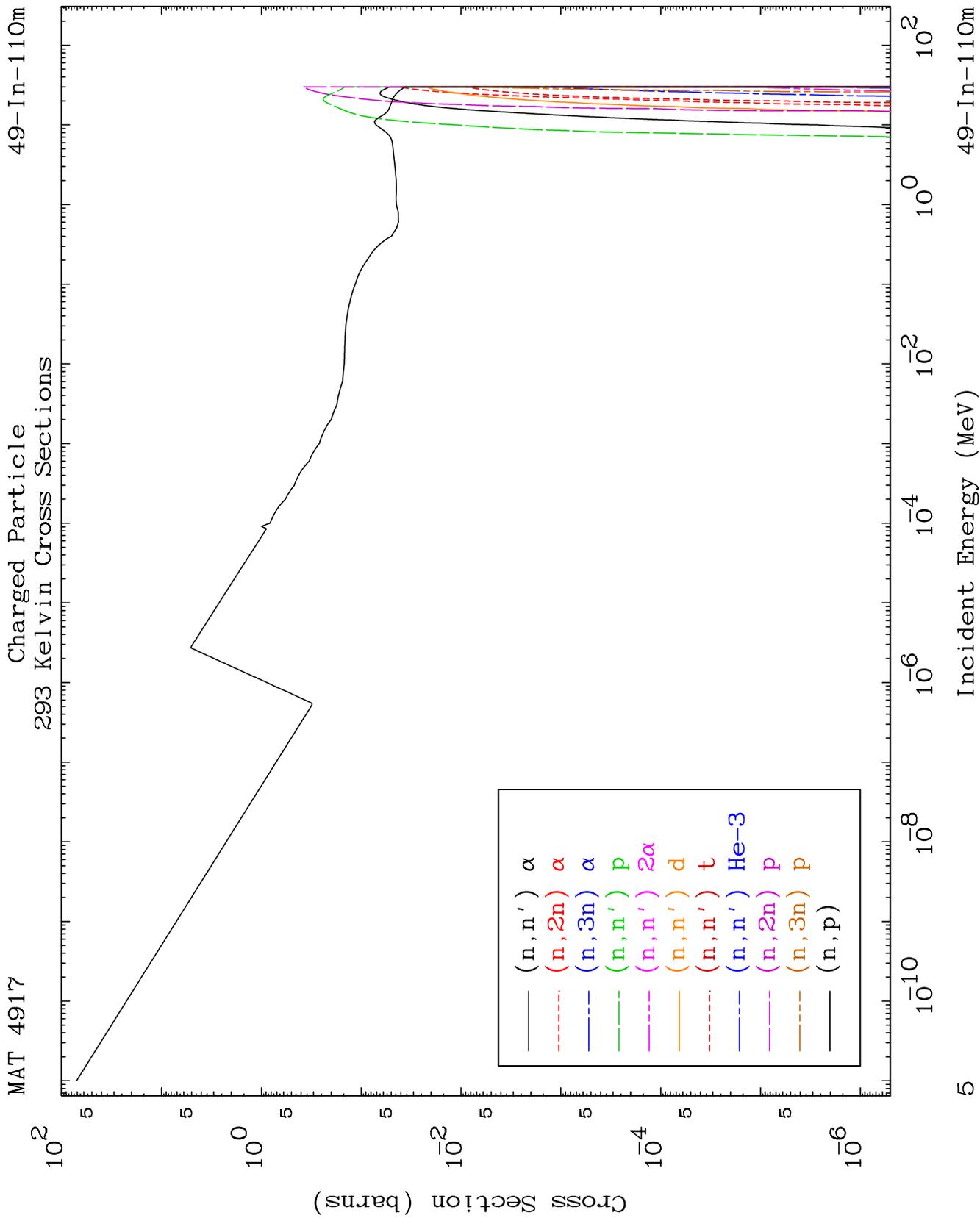
49-In-110m

Neutron Absorption
293 Kelvin Cross Sections

49-In-110m

Incident Energy (MeV)

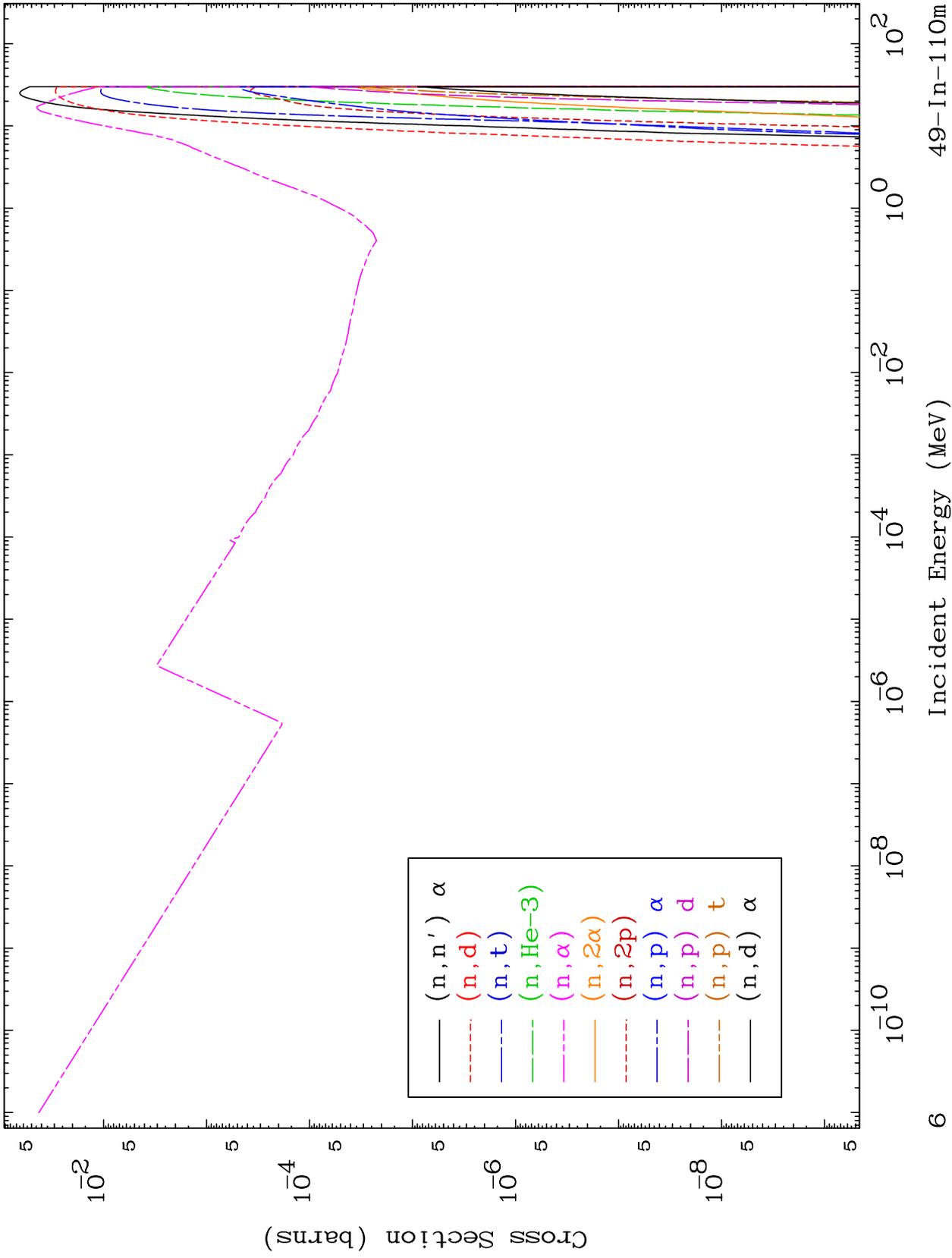
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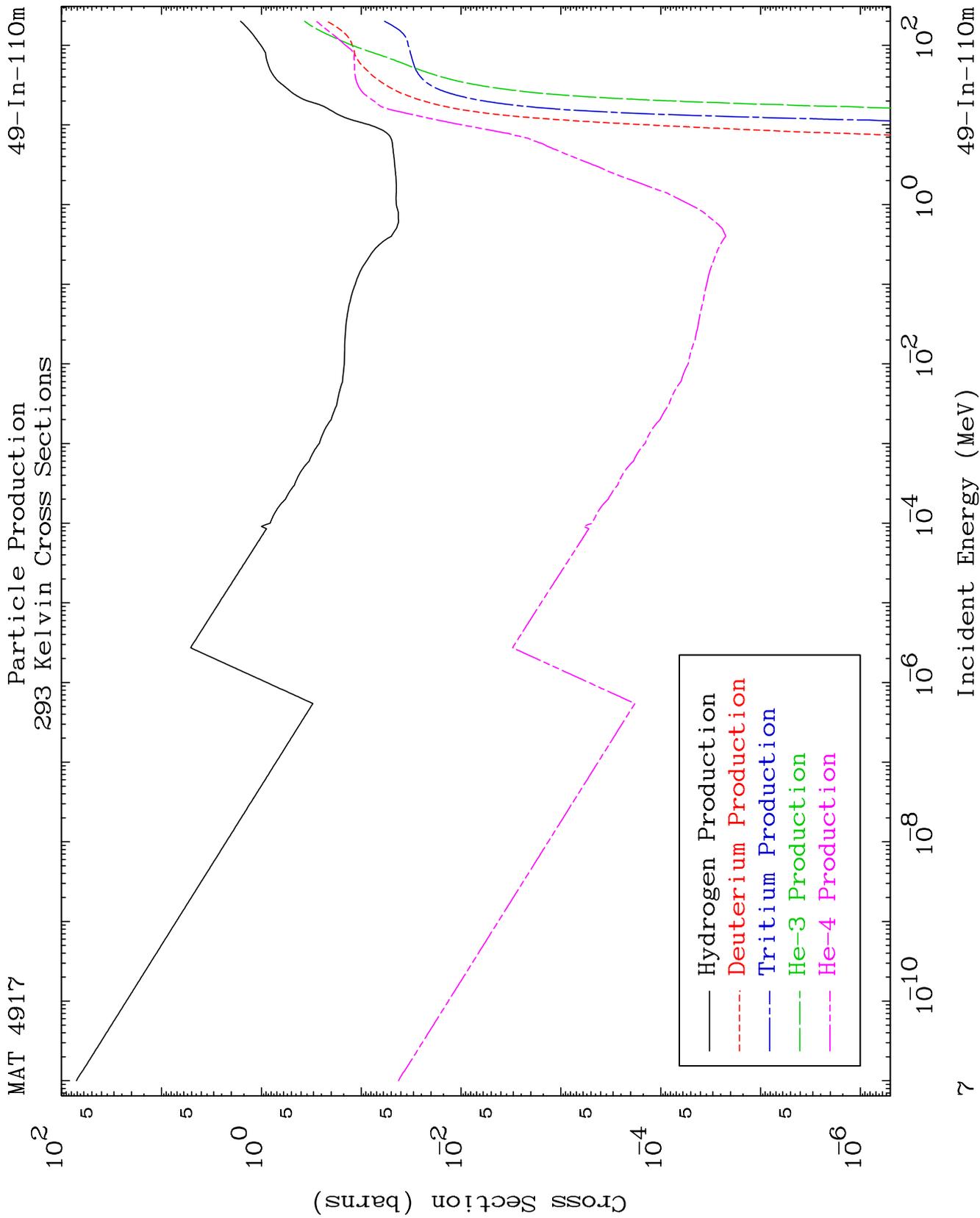


MAT 4917

Charged Particle
293 Kelvin Cross Sections

49-In-110m



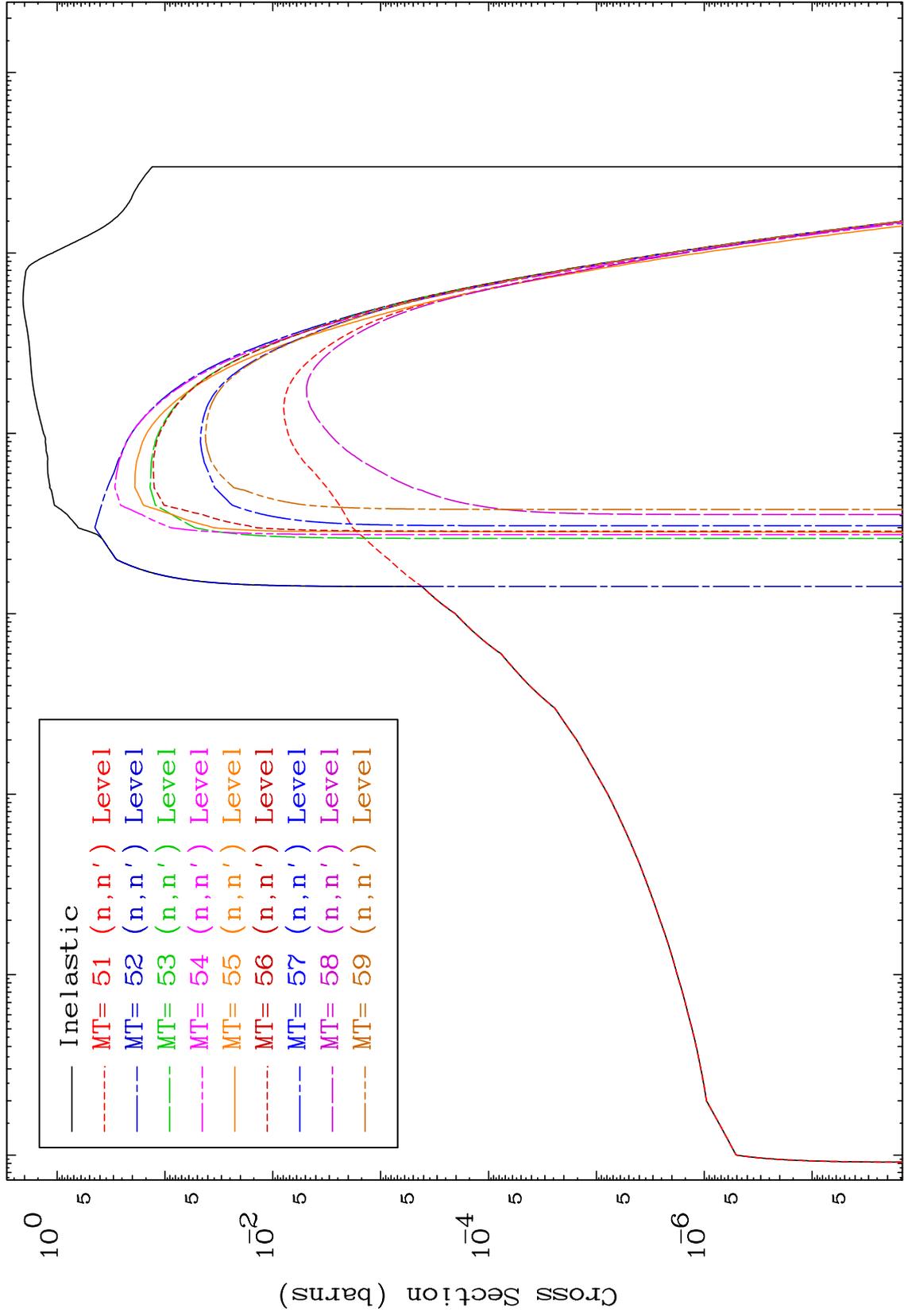


MAT 4917

(n,n') Levels

49-In-110m

293 Kelvin Cross Sections



Incident Energy (MeV)

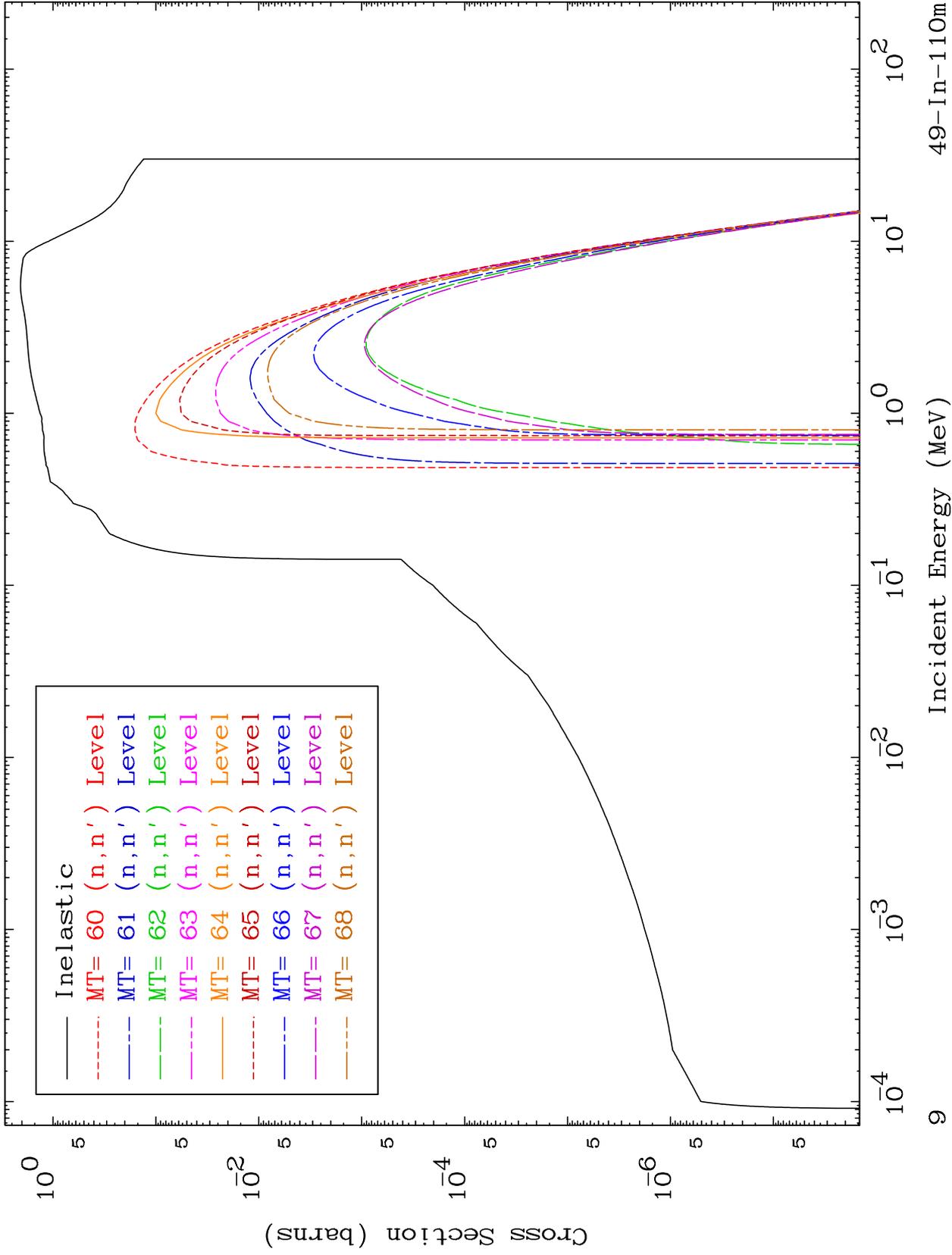
49-In-110m

8

MAT 4917

(n,n') Levels
293 Kelvin Cross Sections

49-In-110m

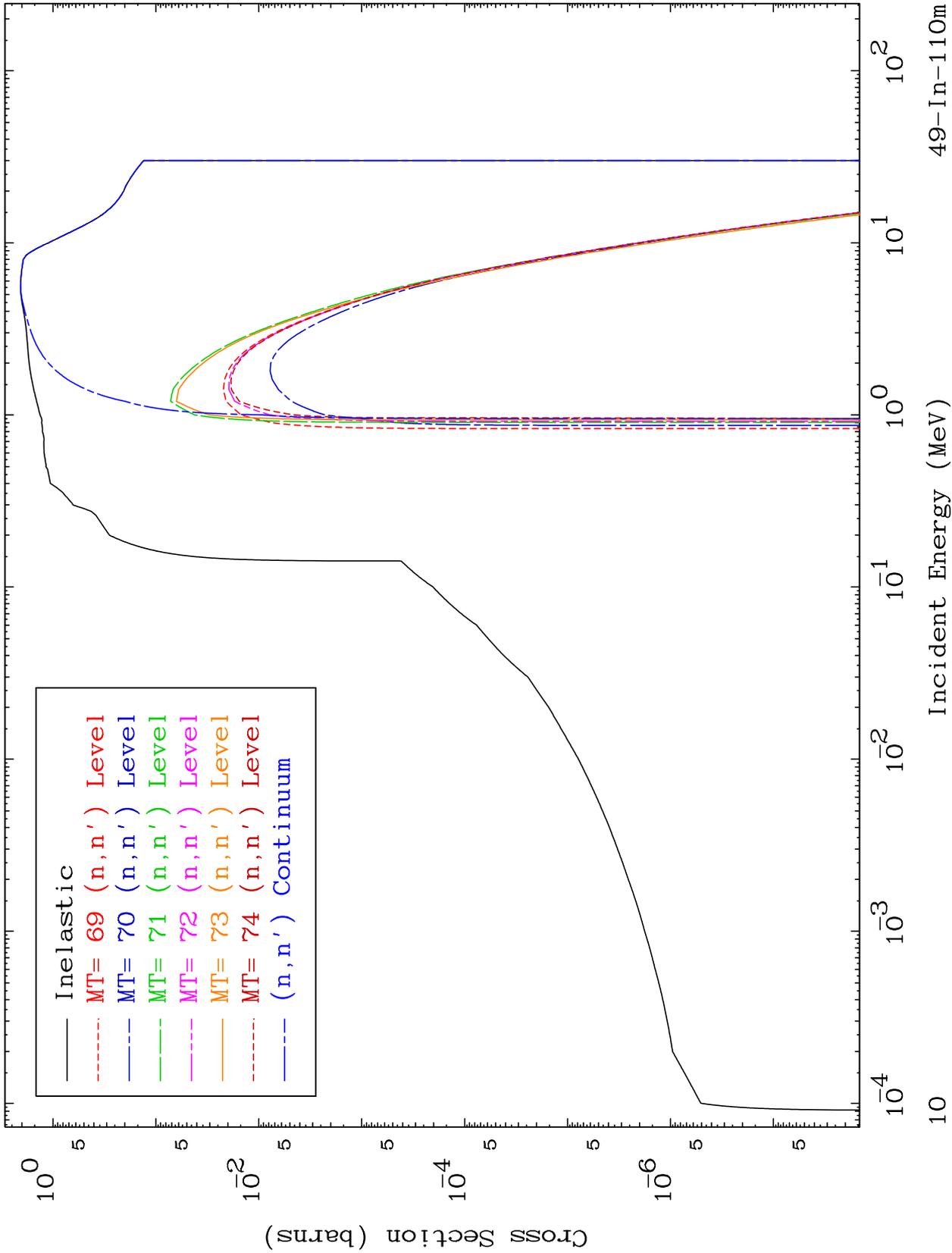


MAT 4917

(n,n') Levels

49-In-110m

293 Kelvin Cross Sections



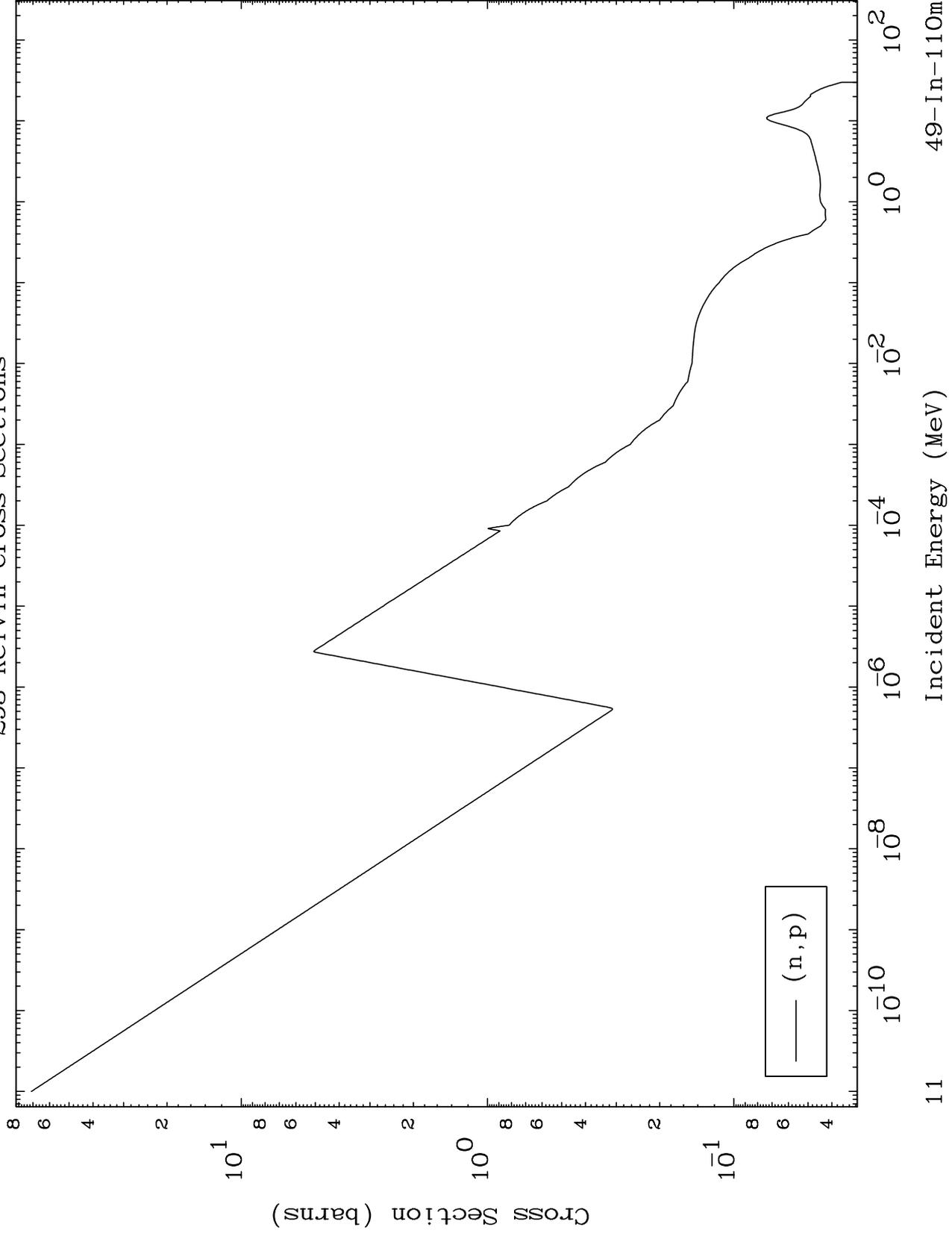
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,p) Levels
293 Kelvin Cross Sections

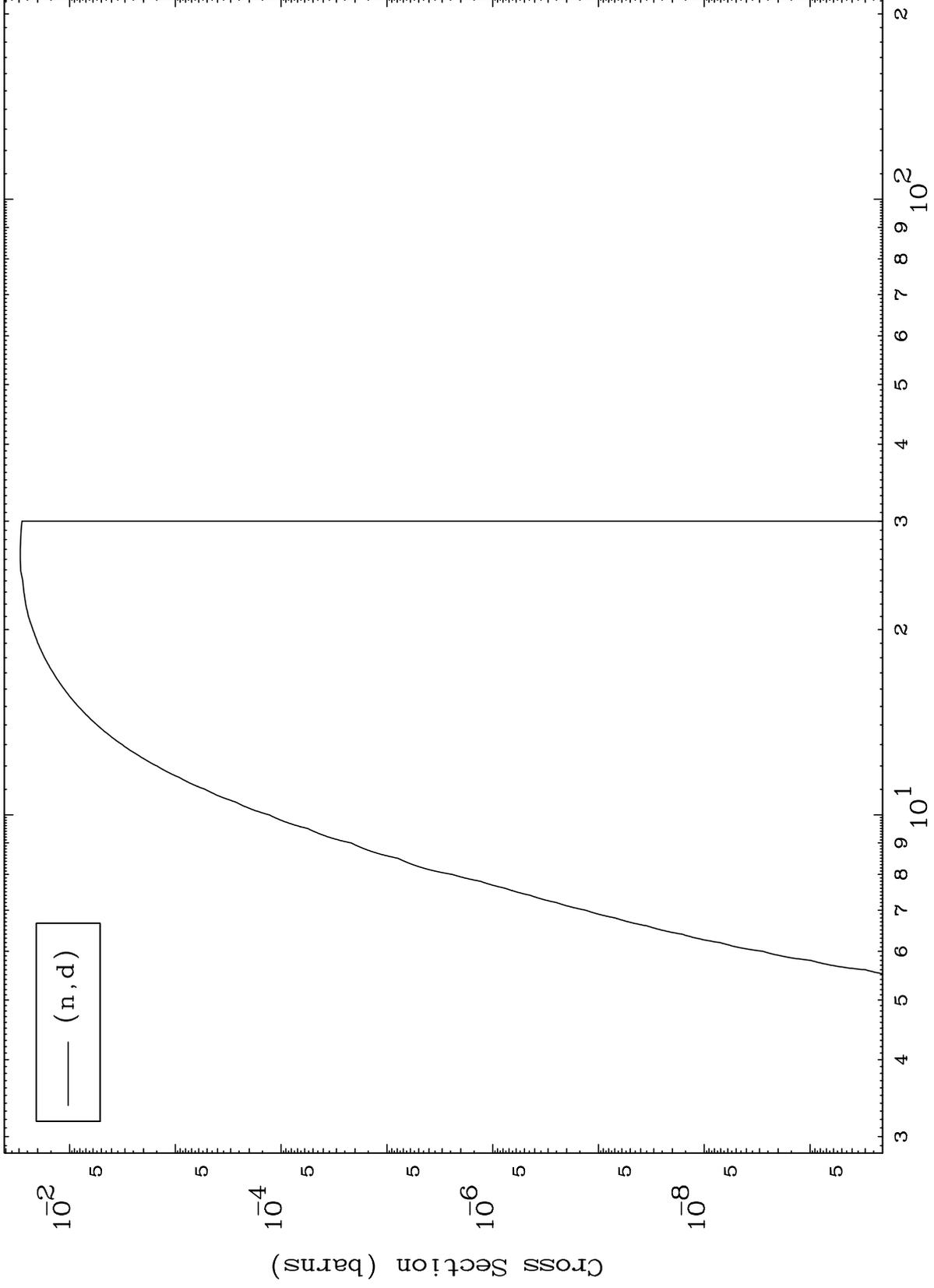
49-In-110m



MAT 4917

(n,d) Levels
293 Kelvin Cross Sections

49-In-110m



12

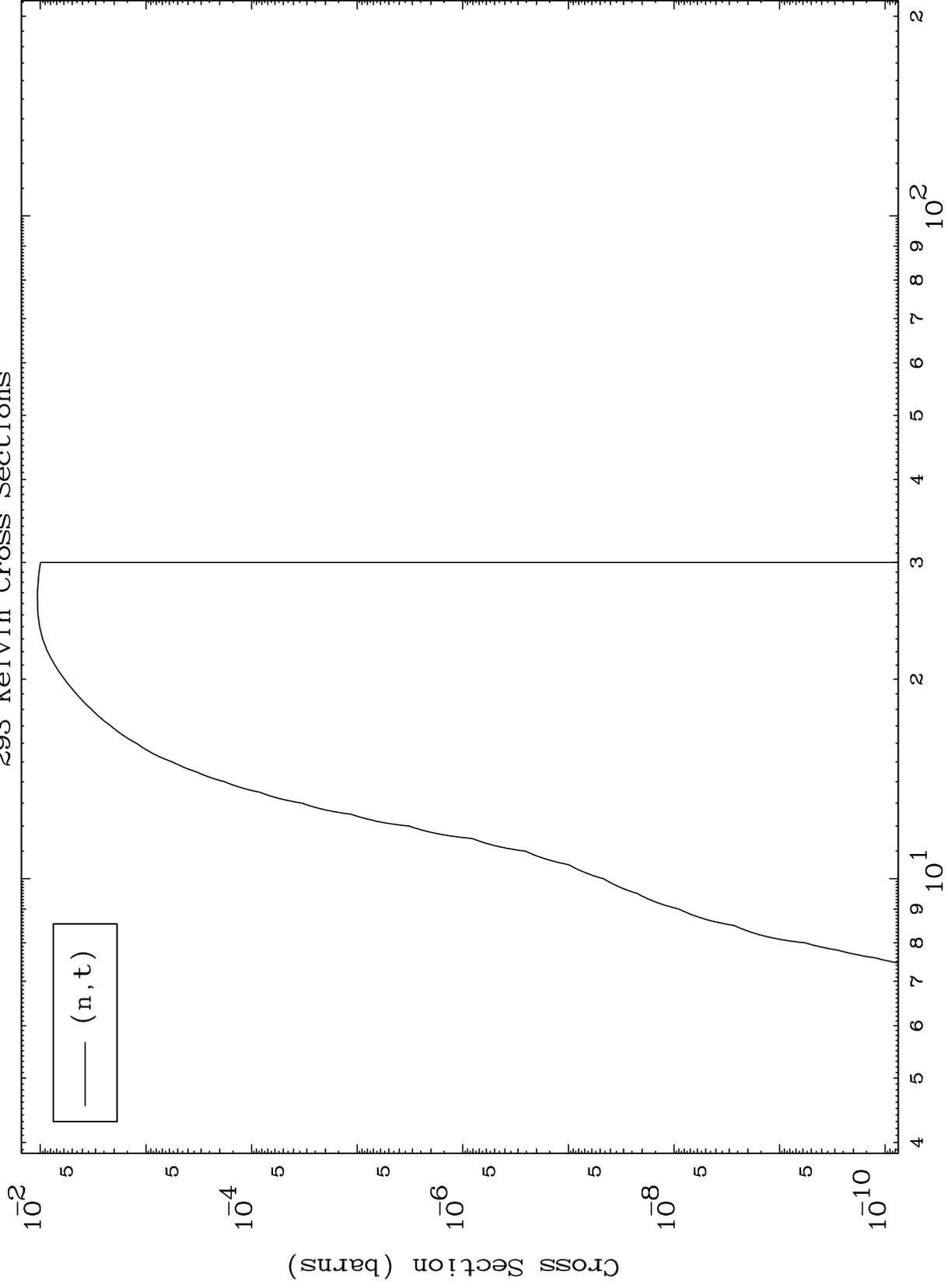
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,t) Levels
293 Kelvin Cross Sections

49-In-110m



13

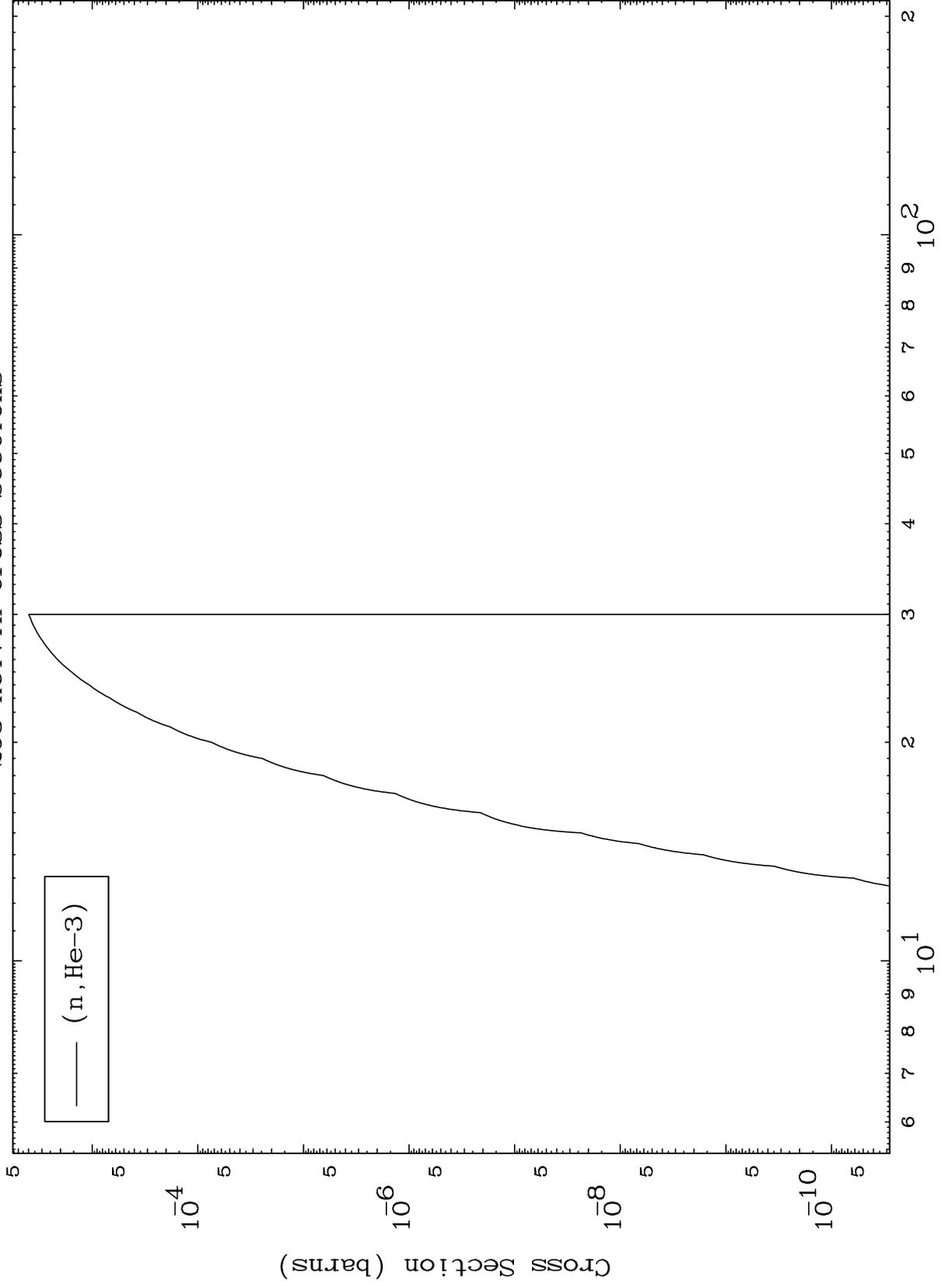
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,He3) Levels
293 Kelvin Cross Sections

49-In-110m



14

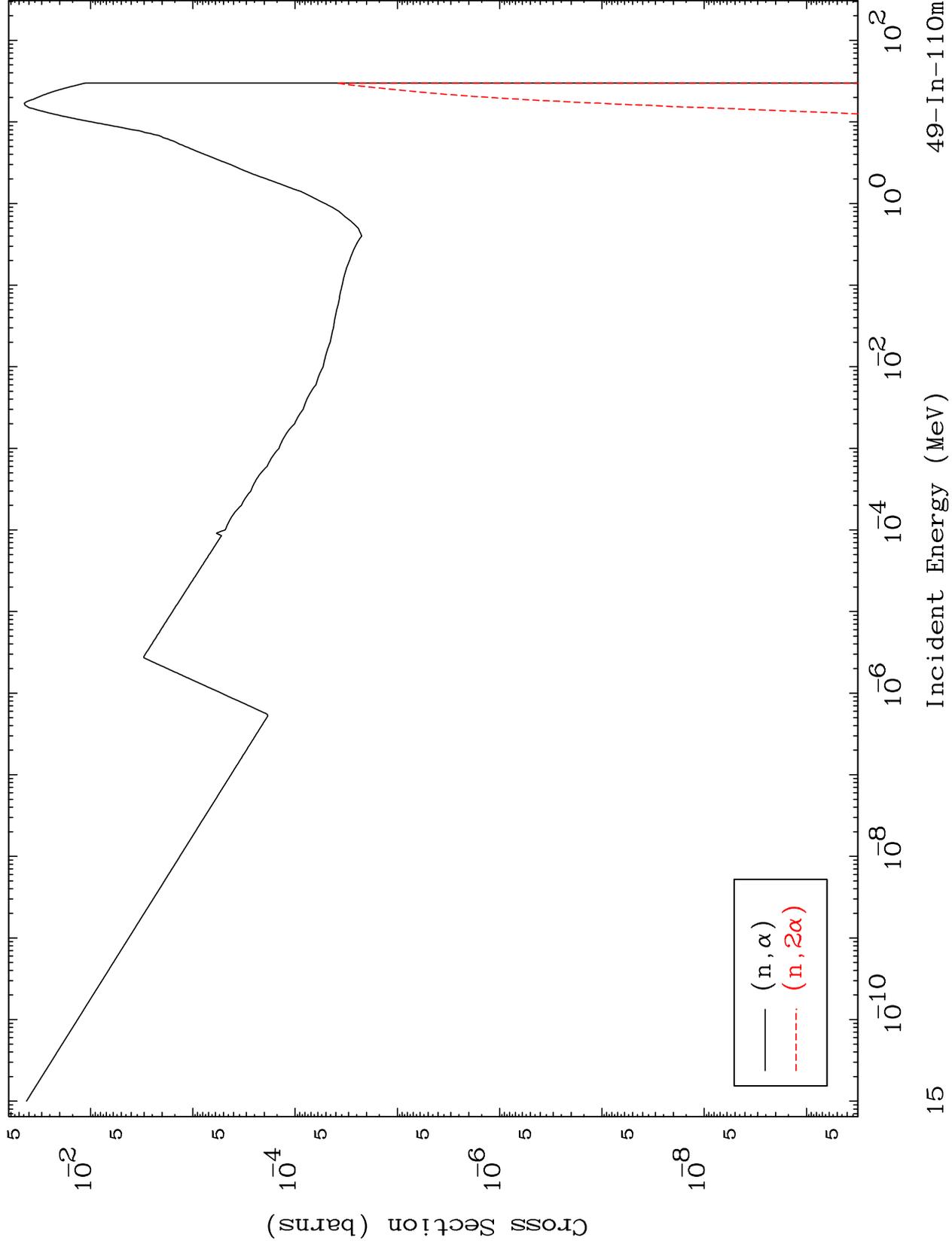
Incident Energy (MeV)

49-In-110m

MAT 4917

(n,α) Levels
293 Kelvin Cross Sections

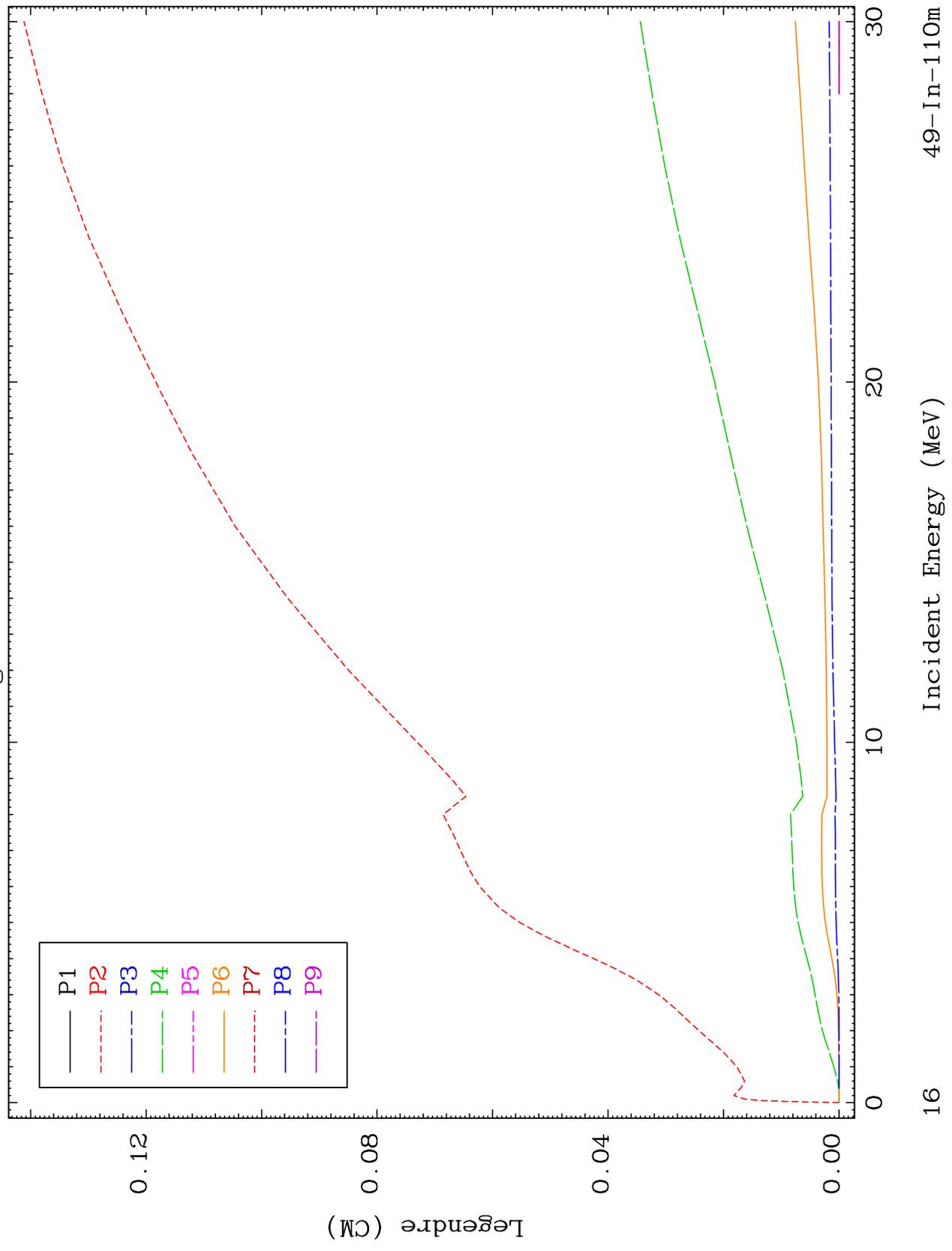
49-In-110m



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Elastic Legendre Coefficients

49-In-110m

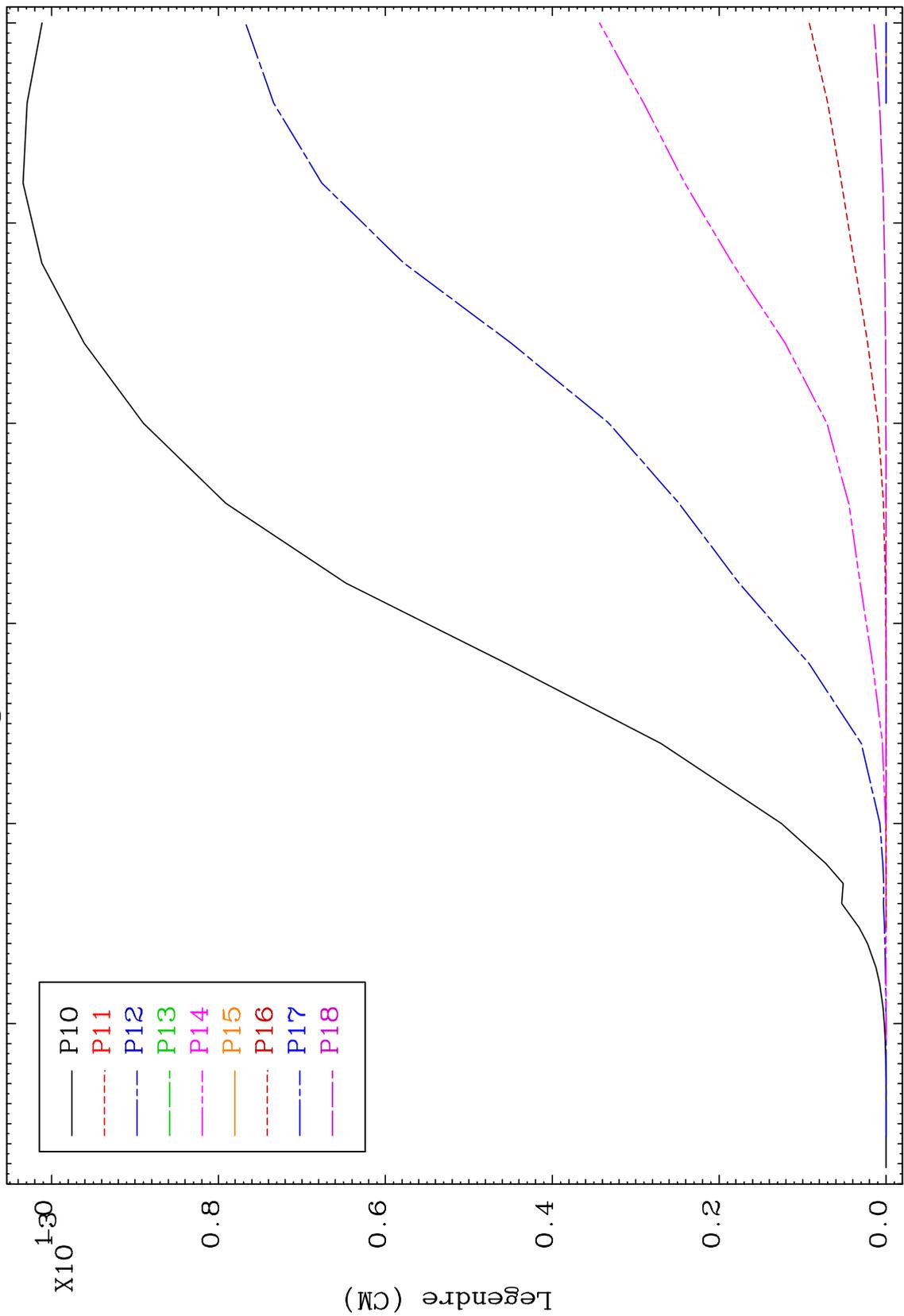


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MAT 4917

Elastic Legendre Coefficients

49-In-110m



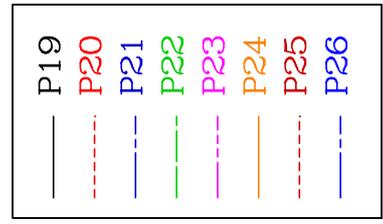
17

49-In-110m

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Elastic Legendre Coefficients

49-In-110m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

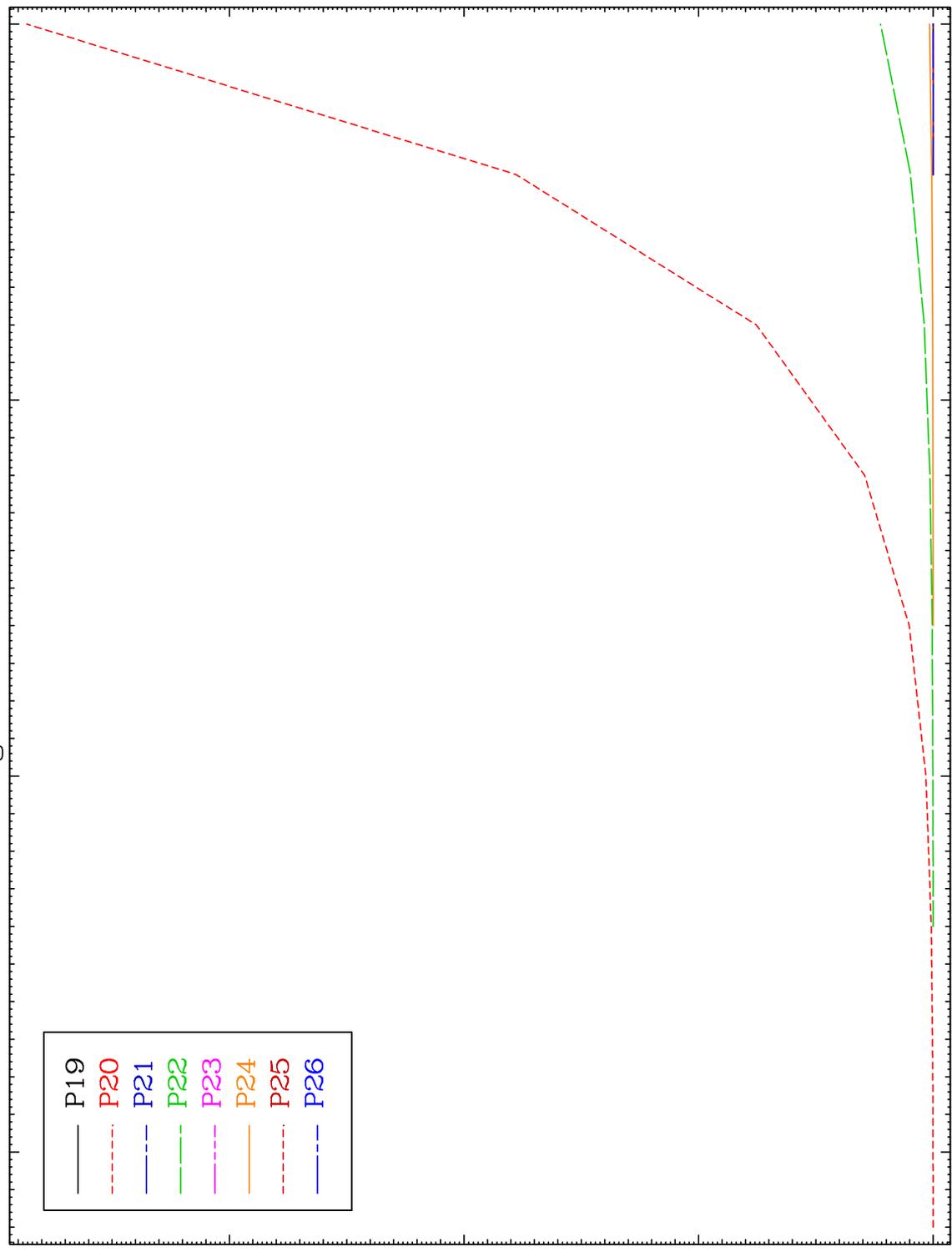
25

30

18

Incident Energy (MeV)

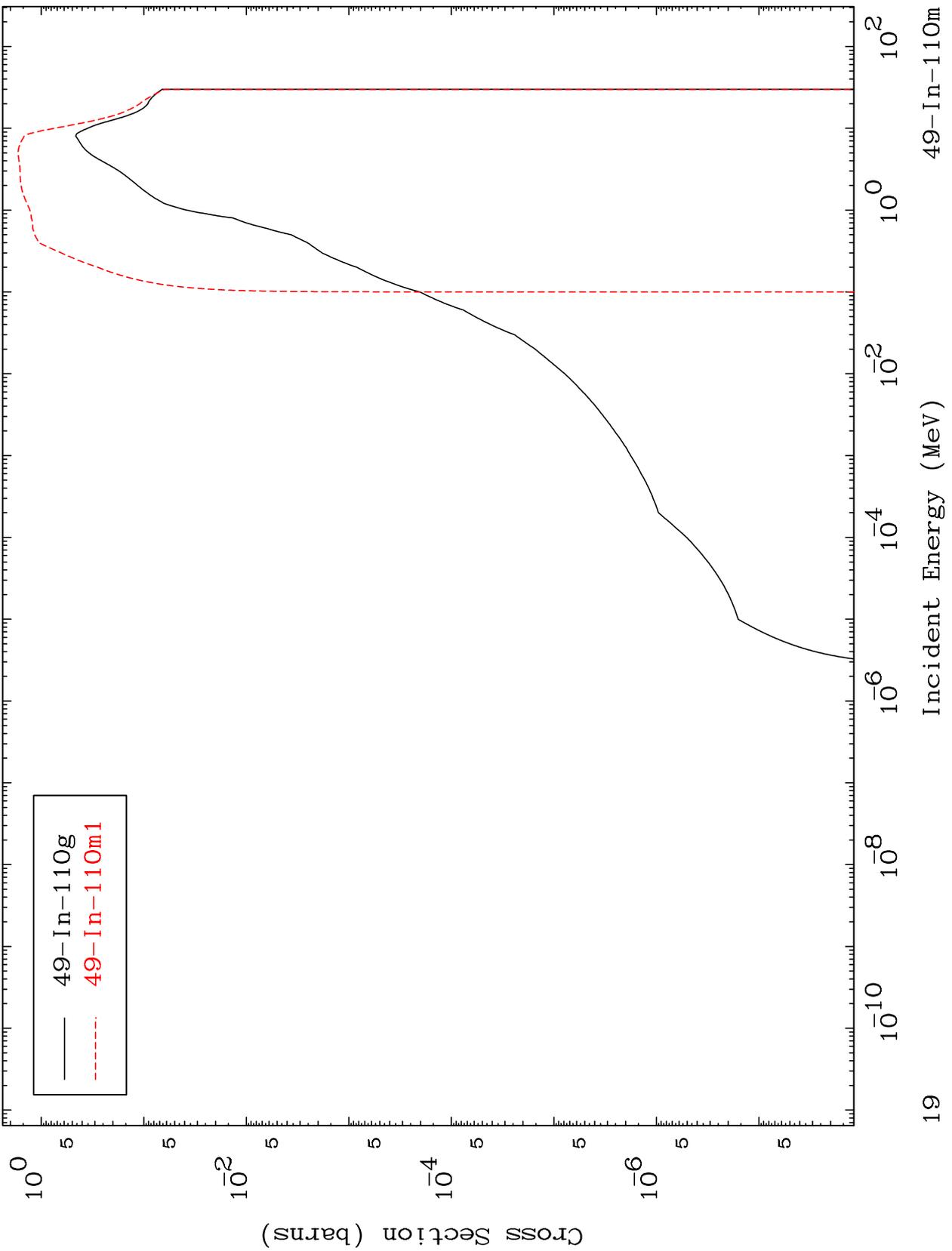
49-In-110m



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49-In-110m

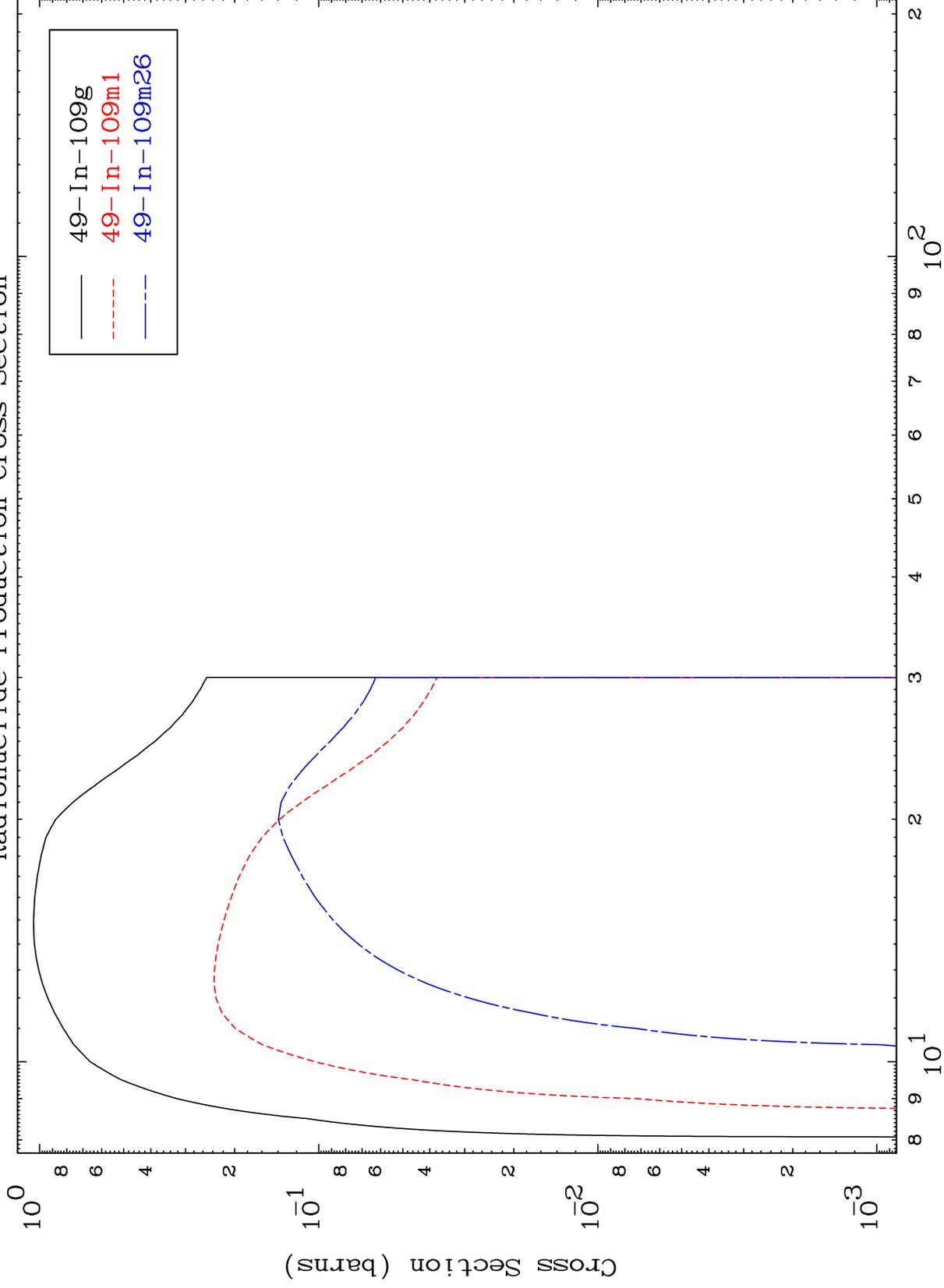
Inelastic
Radionuclide Production Cross Section



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49-In-110m

(n,2n)
Radionuclide Production Cross Section



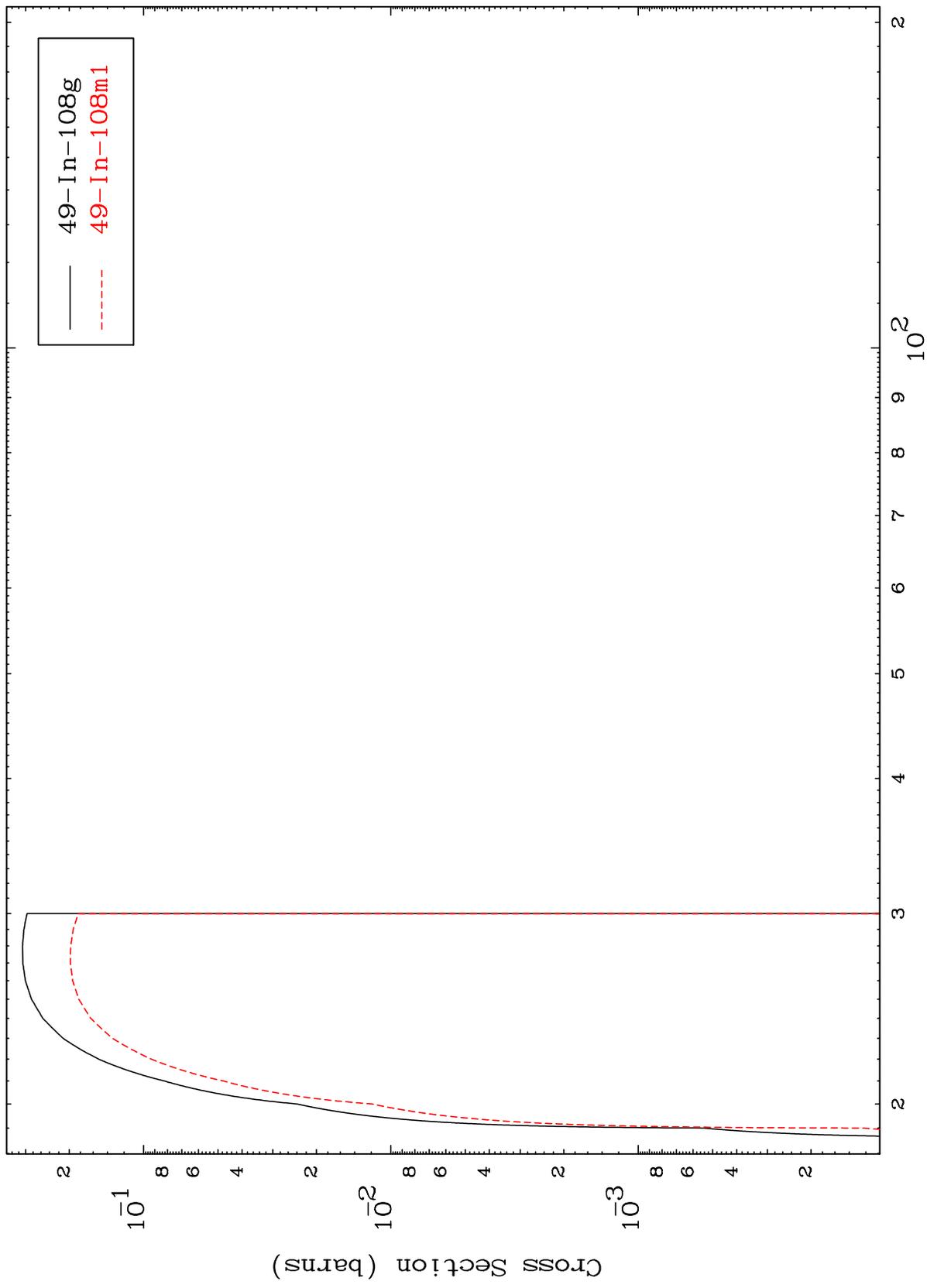
Incident Energy (MeV)

49-In-110m

MAT 4917

49-In-110m

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

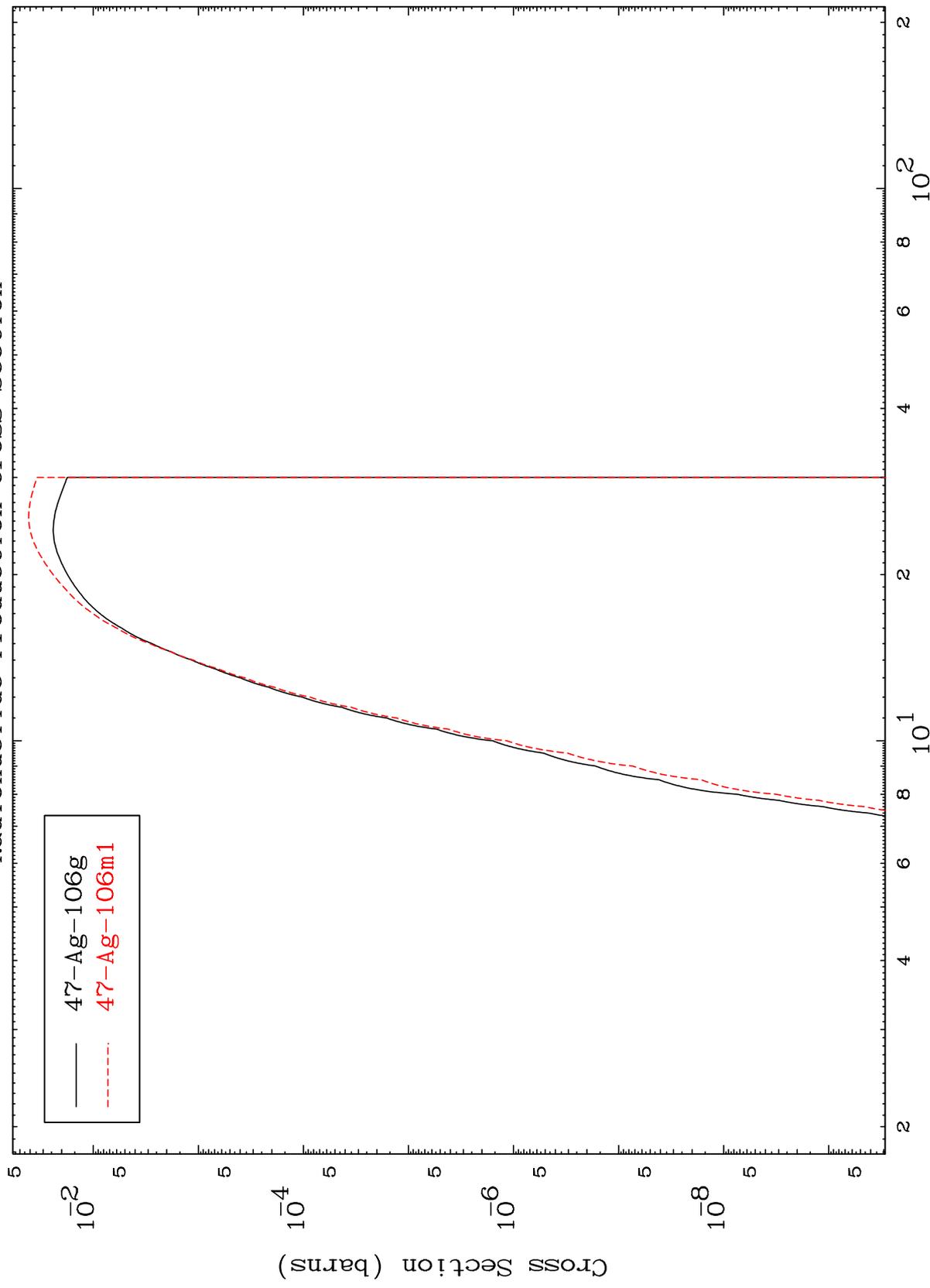
49-In-110m

MAT 4917

(n,n') α

49-In-110m

Radionuclide Production Cross Section

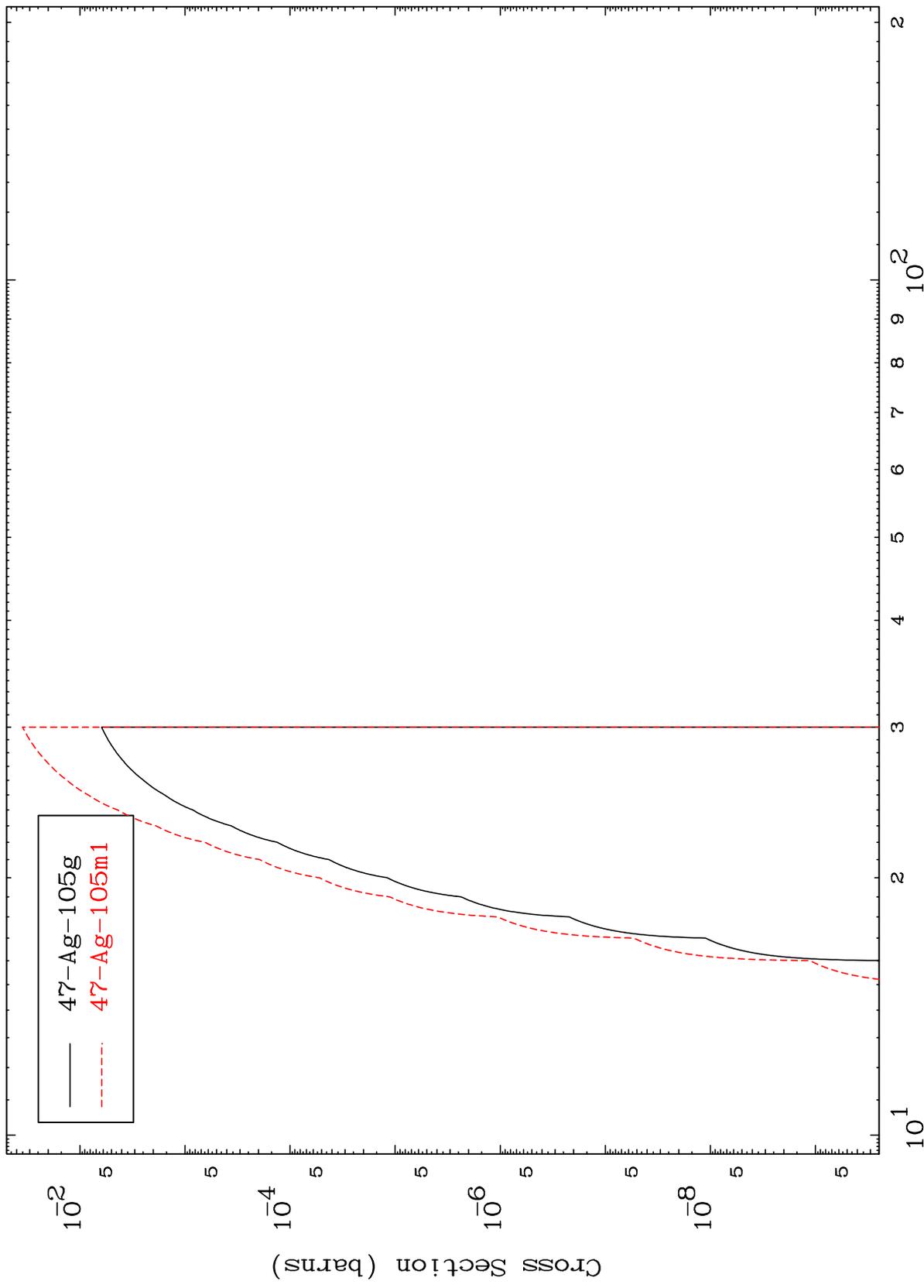


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49-In-110m

(n,2n) α

Radionuclide Production Cross Section



49-In-110m

Incident Energy (MeV)

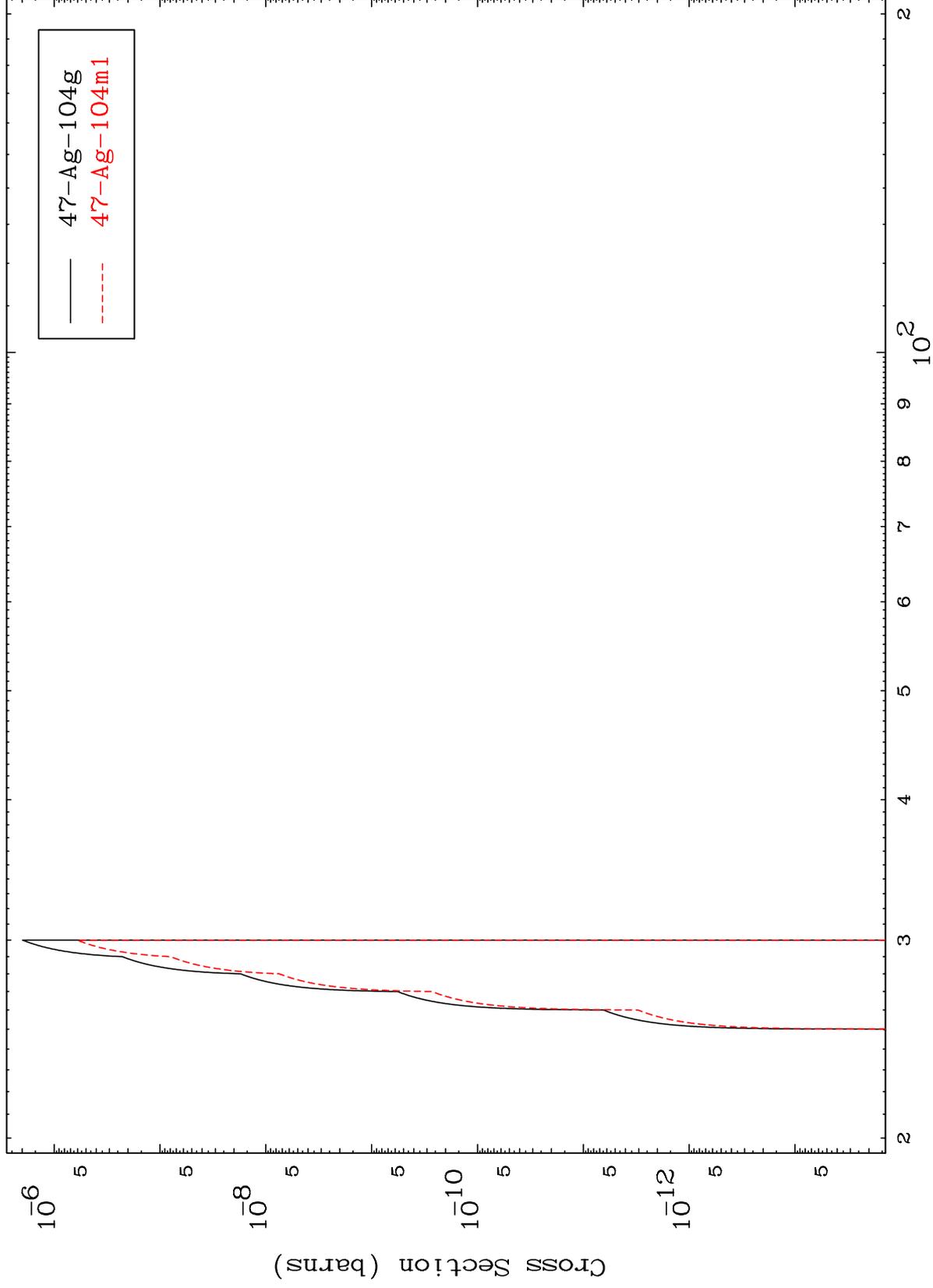
23

MAT 4917

(n,3n) α

49-In-110m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

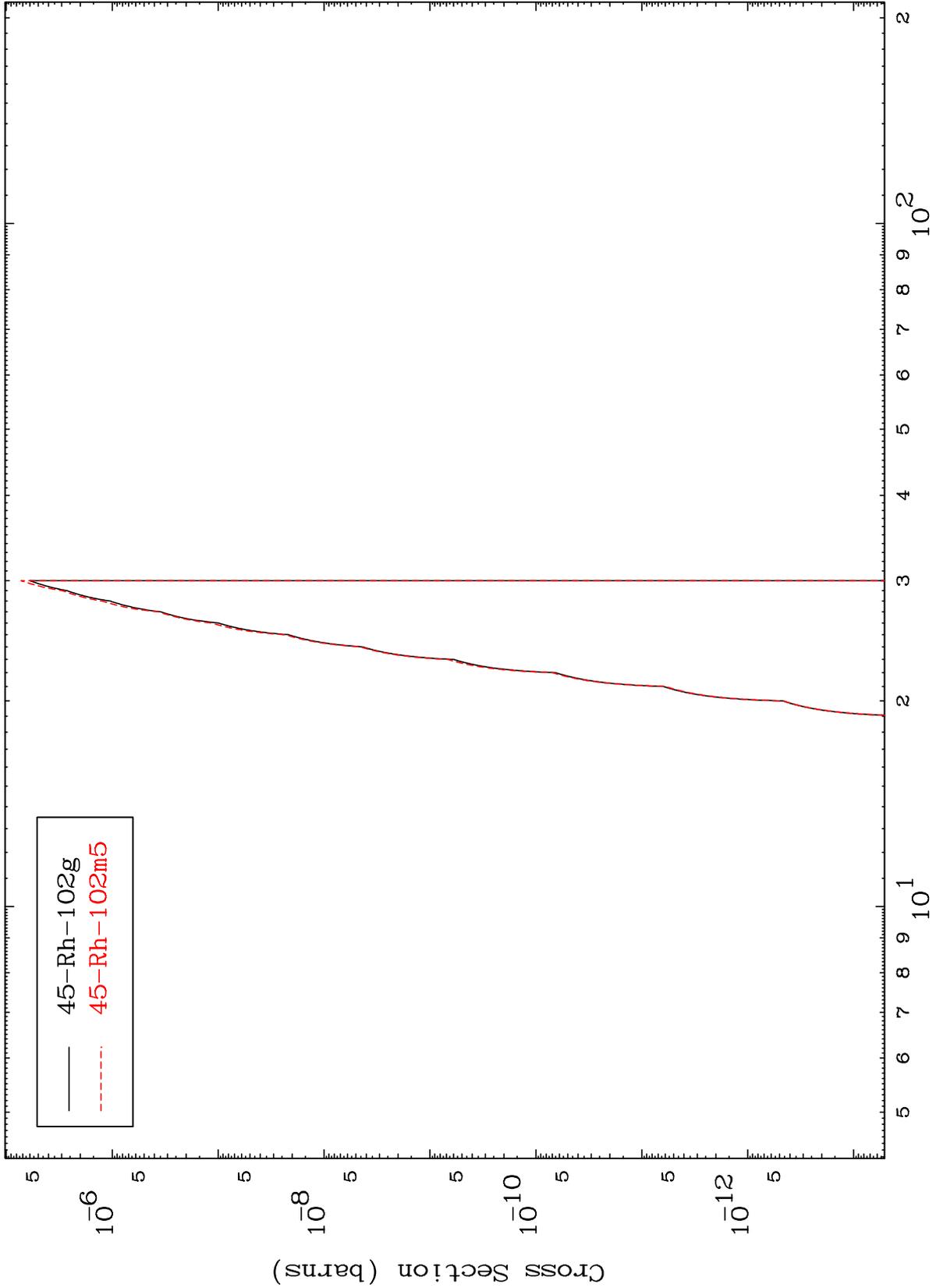
49-In-110m

MAT 4917

(n,n') 2α

49-In-110m

Radionuclide Production Cross Section



— 45-Rh-102g
- - - 45-Rh-102m5

25

Incident Energy (MeV)

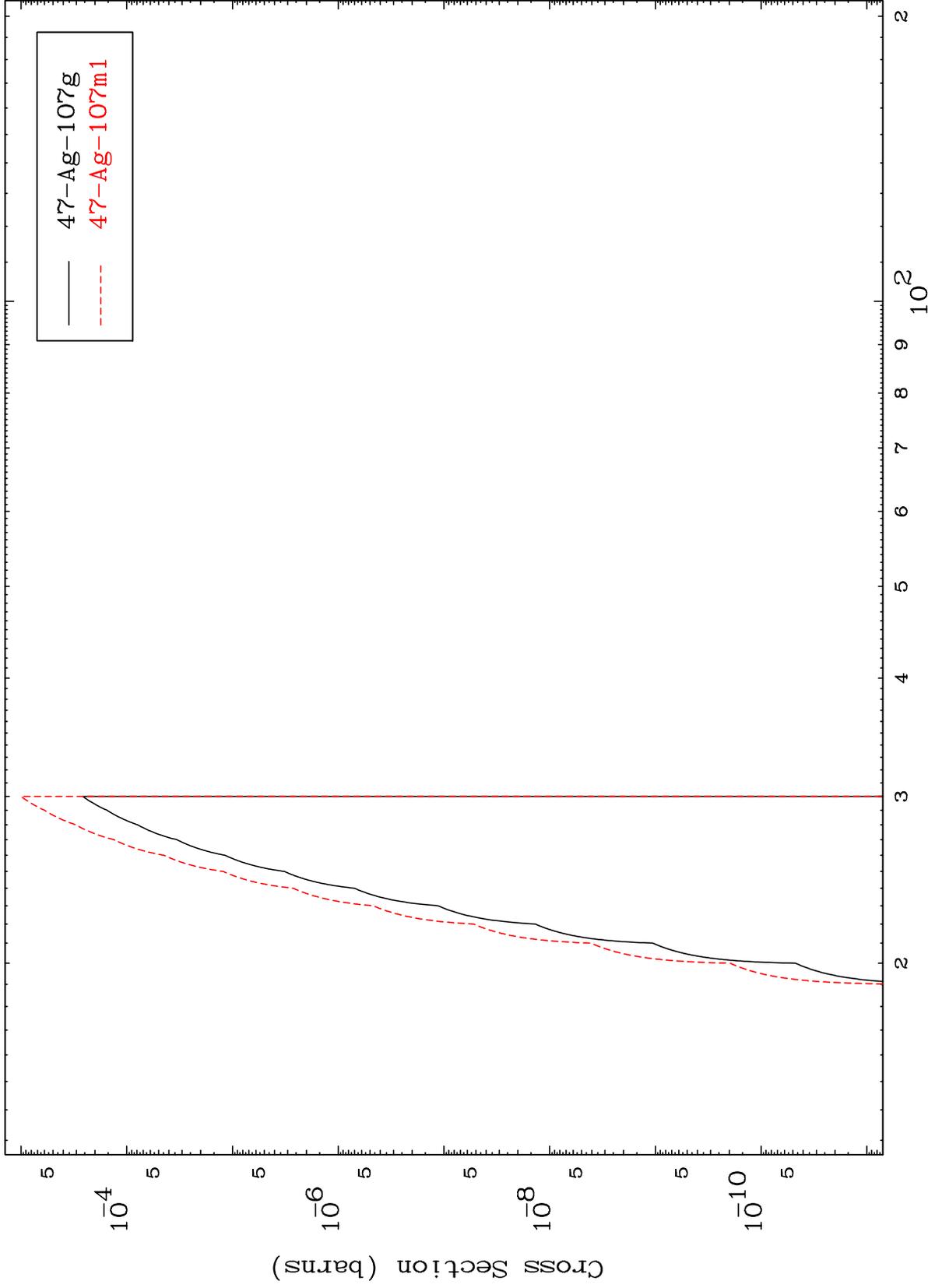
49-In-110m

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(n,n') He-3

49-In-110m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

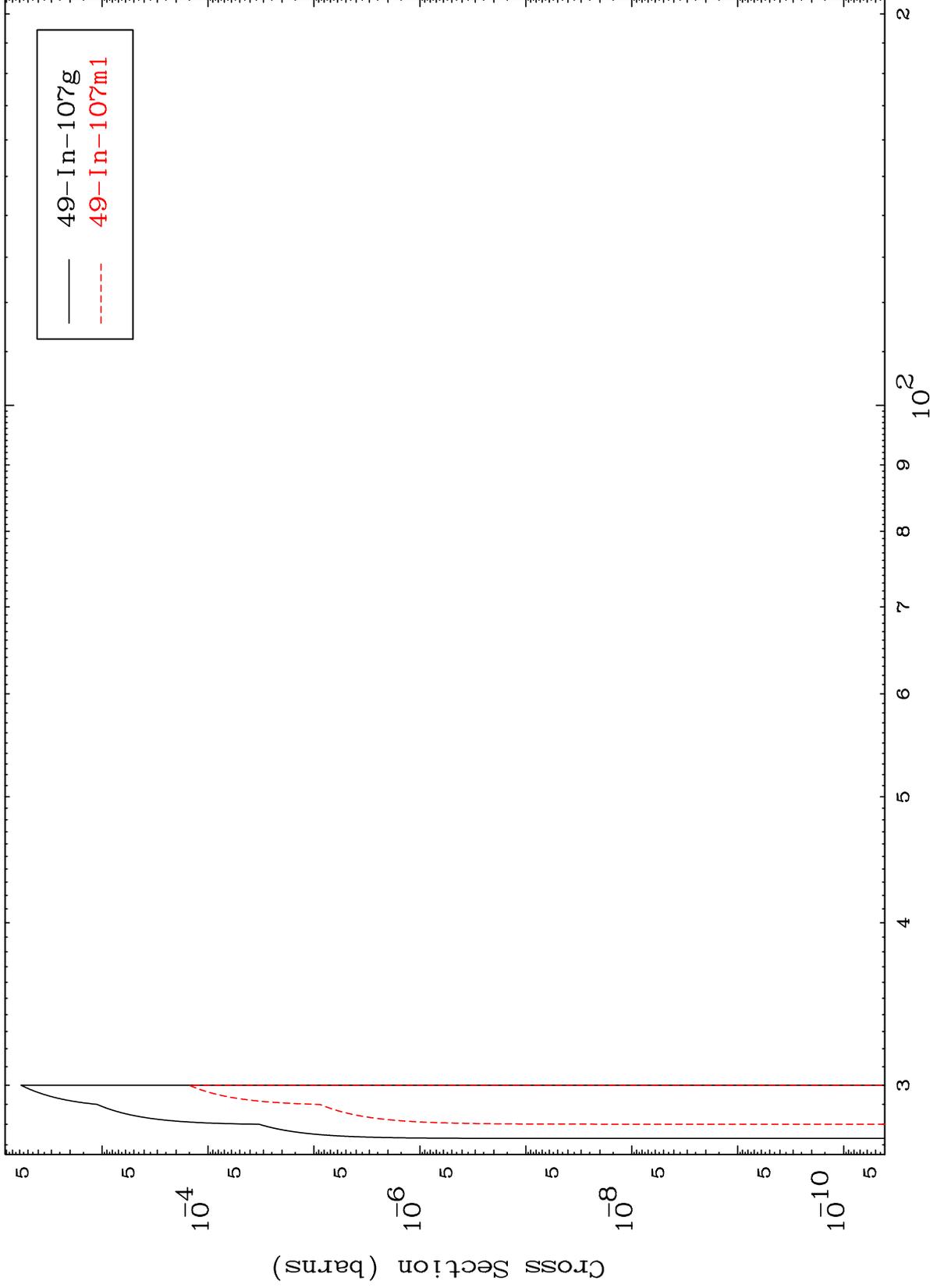
49-In-110m

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(n,4n)

49-In-110m

Radionuclide Production Cross Section



27

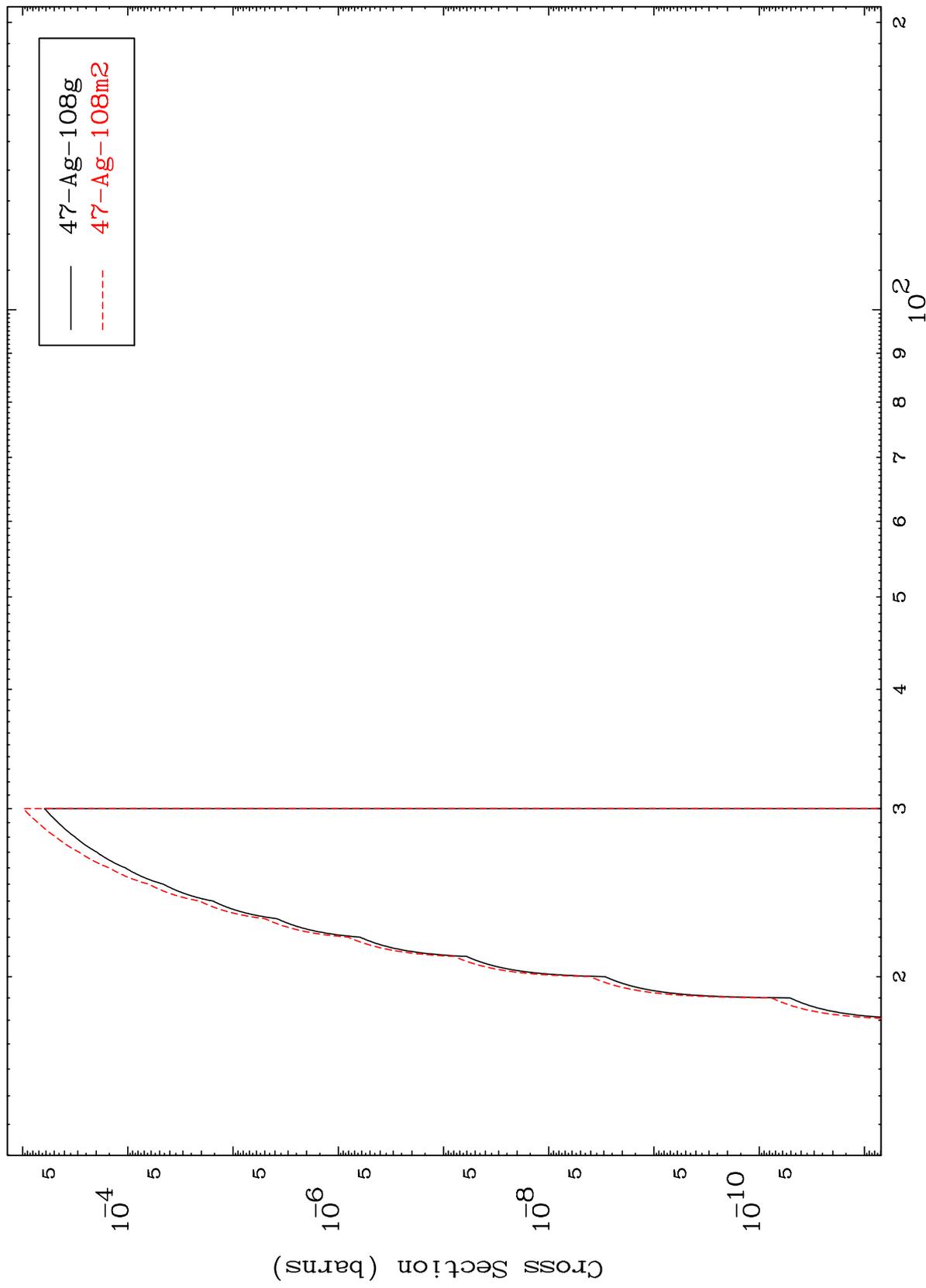
Incident Energy (MeV)

49-In-110m

MAT 4917

49-In-110m

(n,2n) p
Radionuclide Production Cross Section



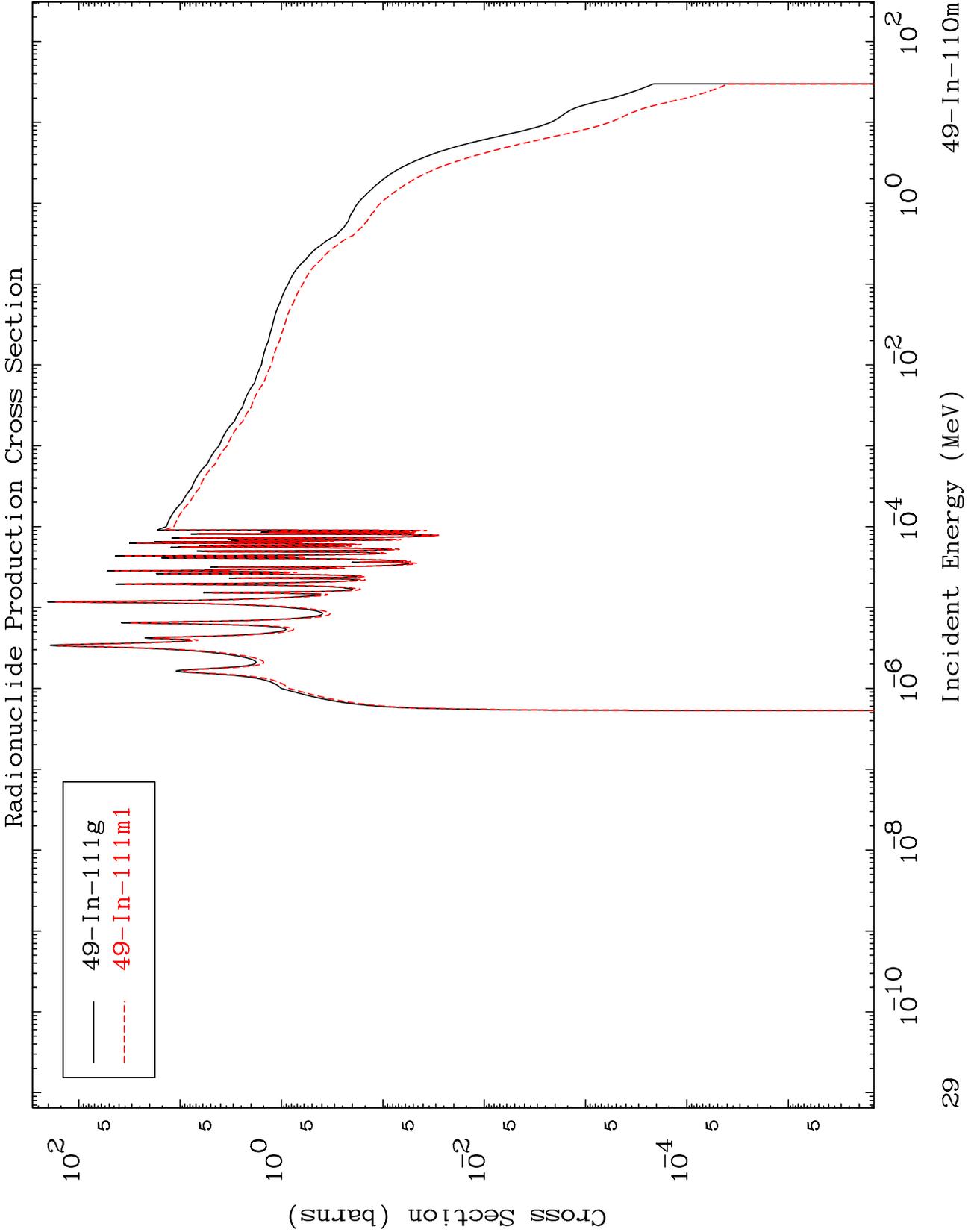
28

Incident Energy (MeV)

49-In-110m

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⁴⁹In-110m

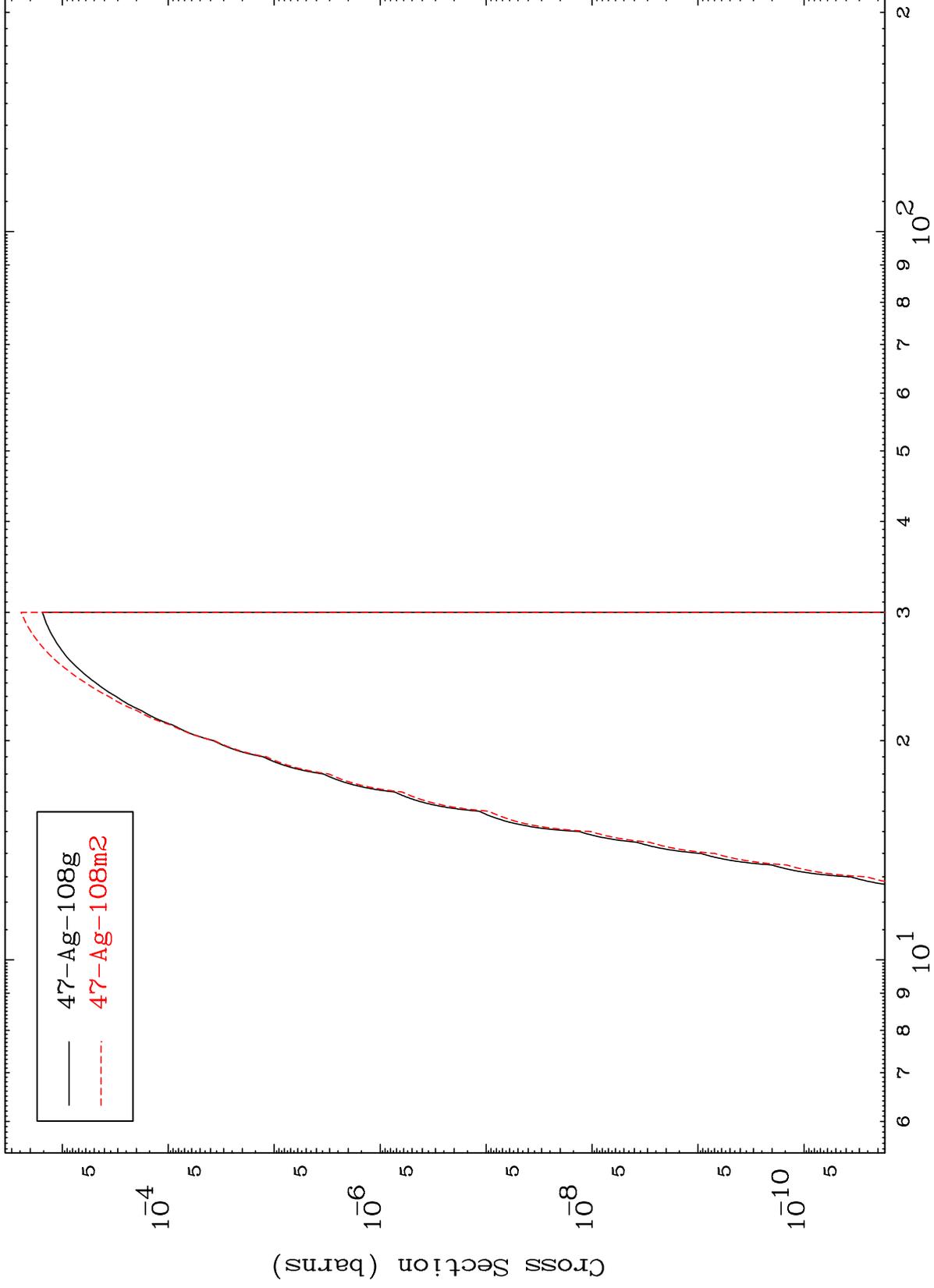


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(n,He-3)

49-In-110m

Radionuclide Production Cross Section



30

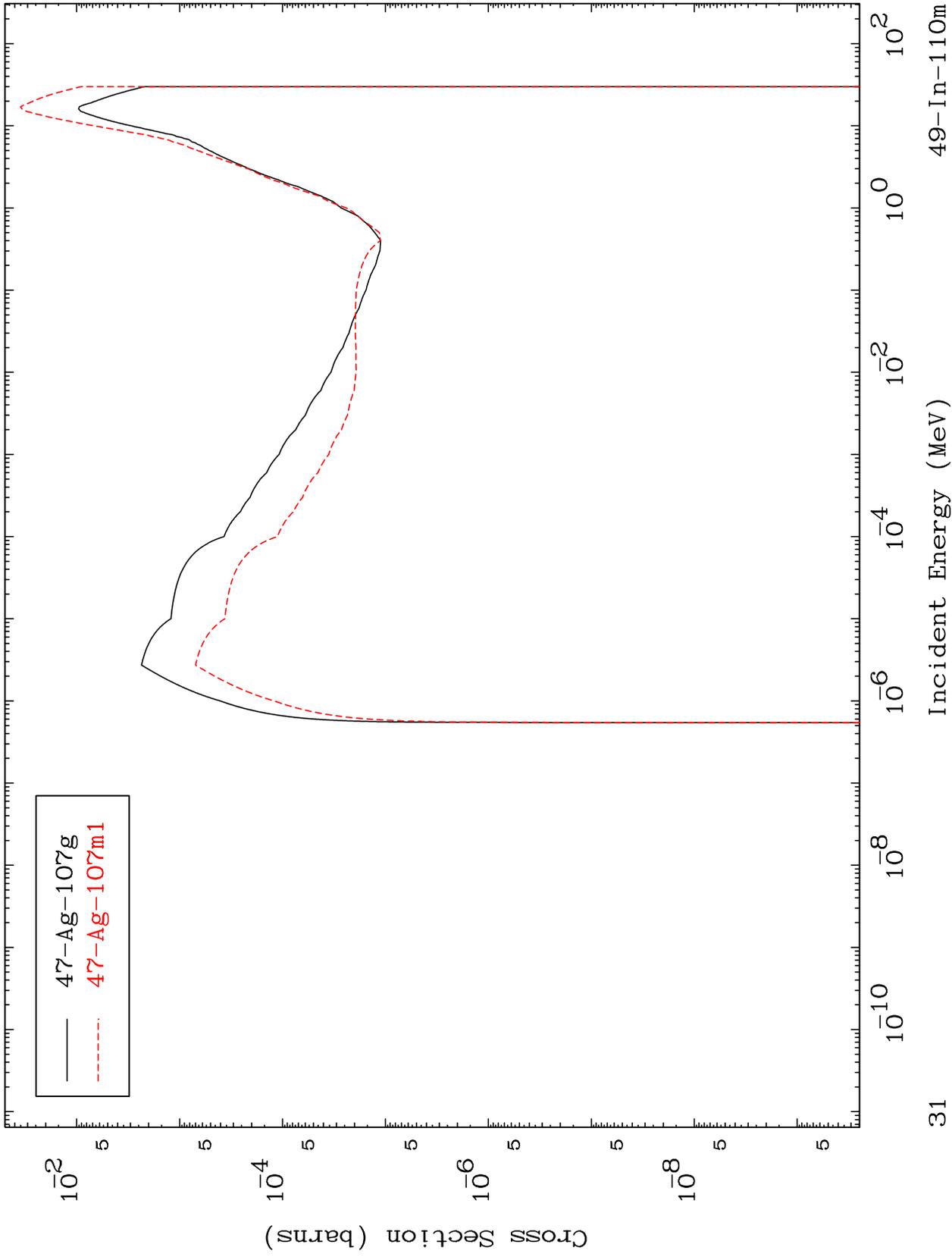
Incident Energy (MeV)

49-In-110m

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49-In-110m

(n, α)
Radionuclide Production Cross Section

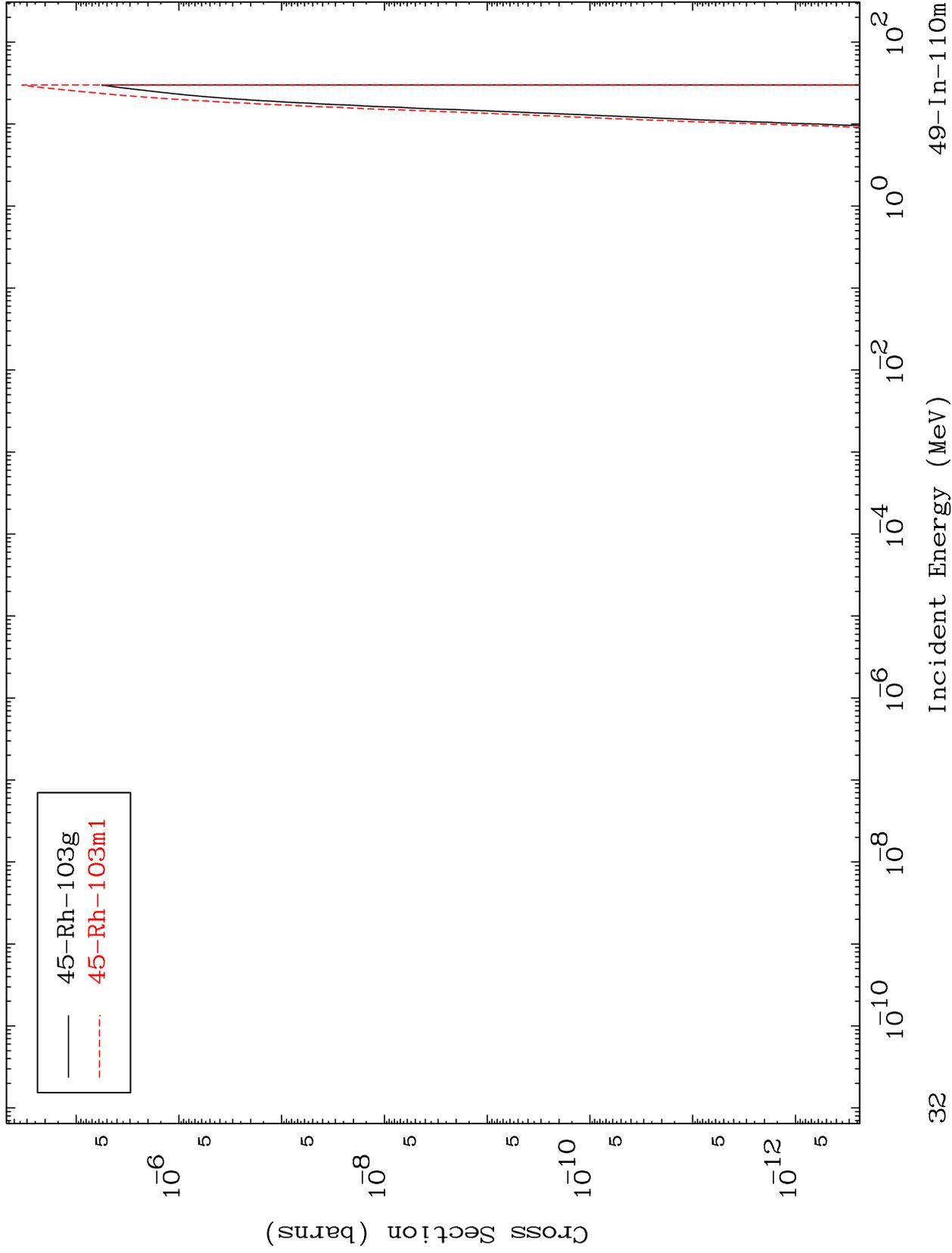


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(n,2α)

49-In-110m

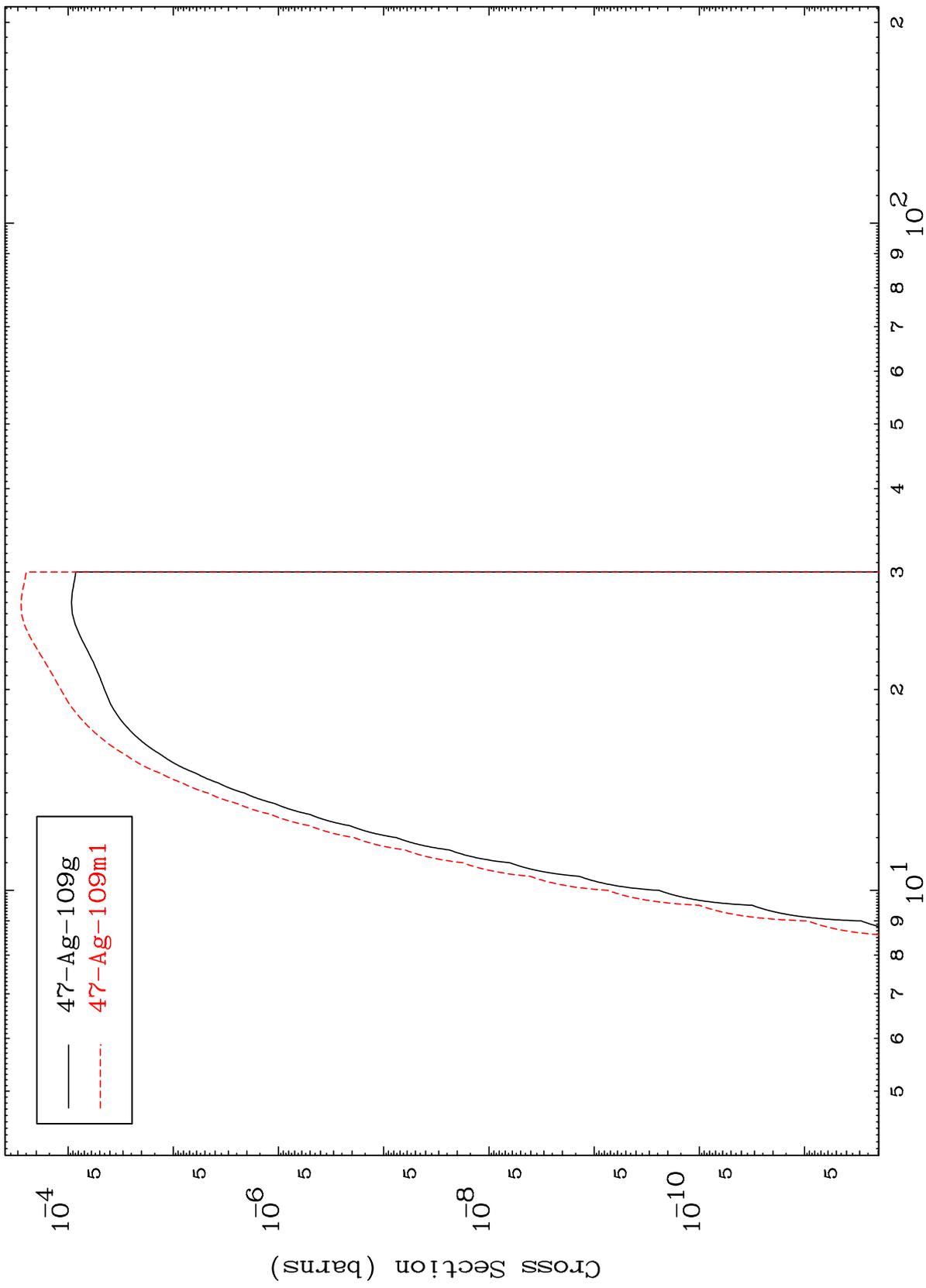
Radionuclide Production Cross Section



MAT 4917

49-In-110m

Radionuclide Production Cross Section
(n,2p)

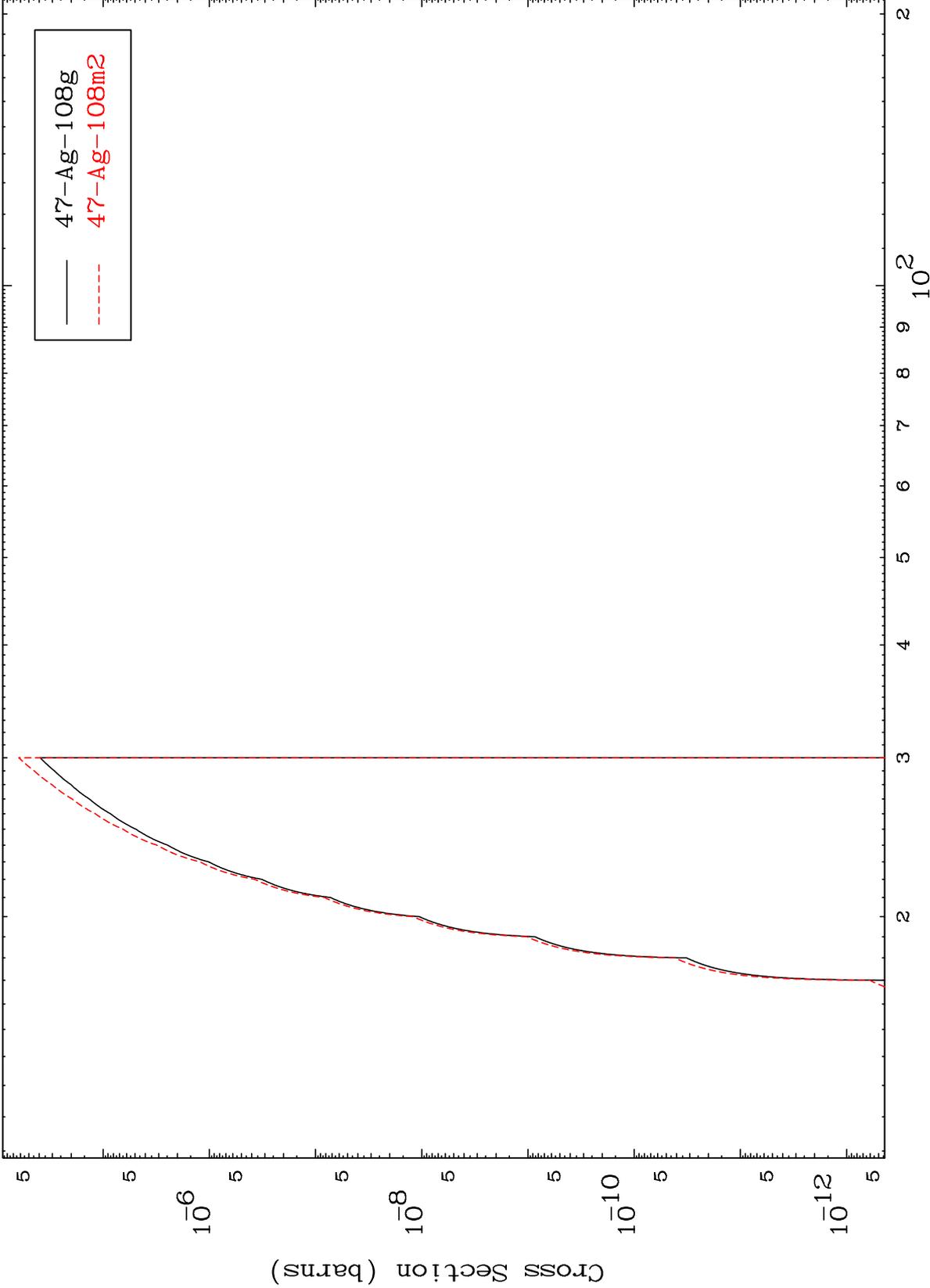


MAT 4917

(n,p) d

49-In-110m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

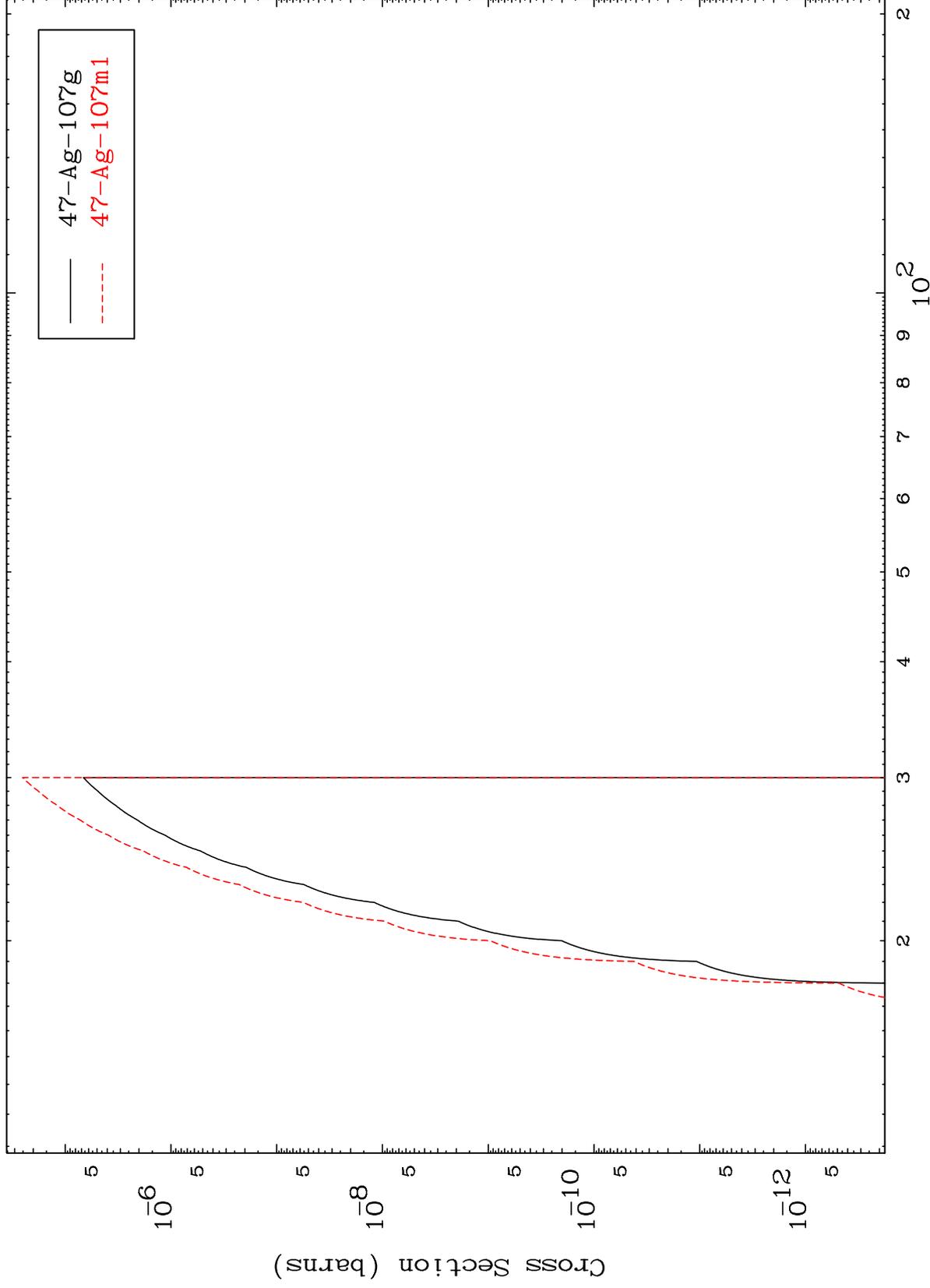
49-In-110m

MAT 4917

(n,p) t

49-In-110m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-110m