

Program EVALPLOT
(Version 2017-1)

by

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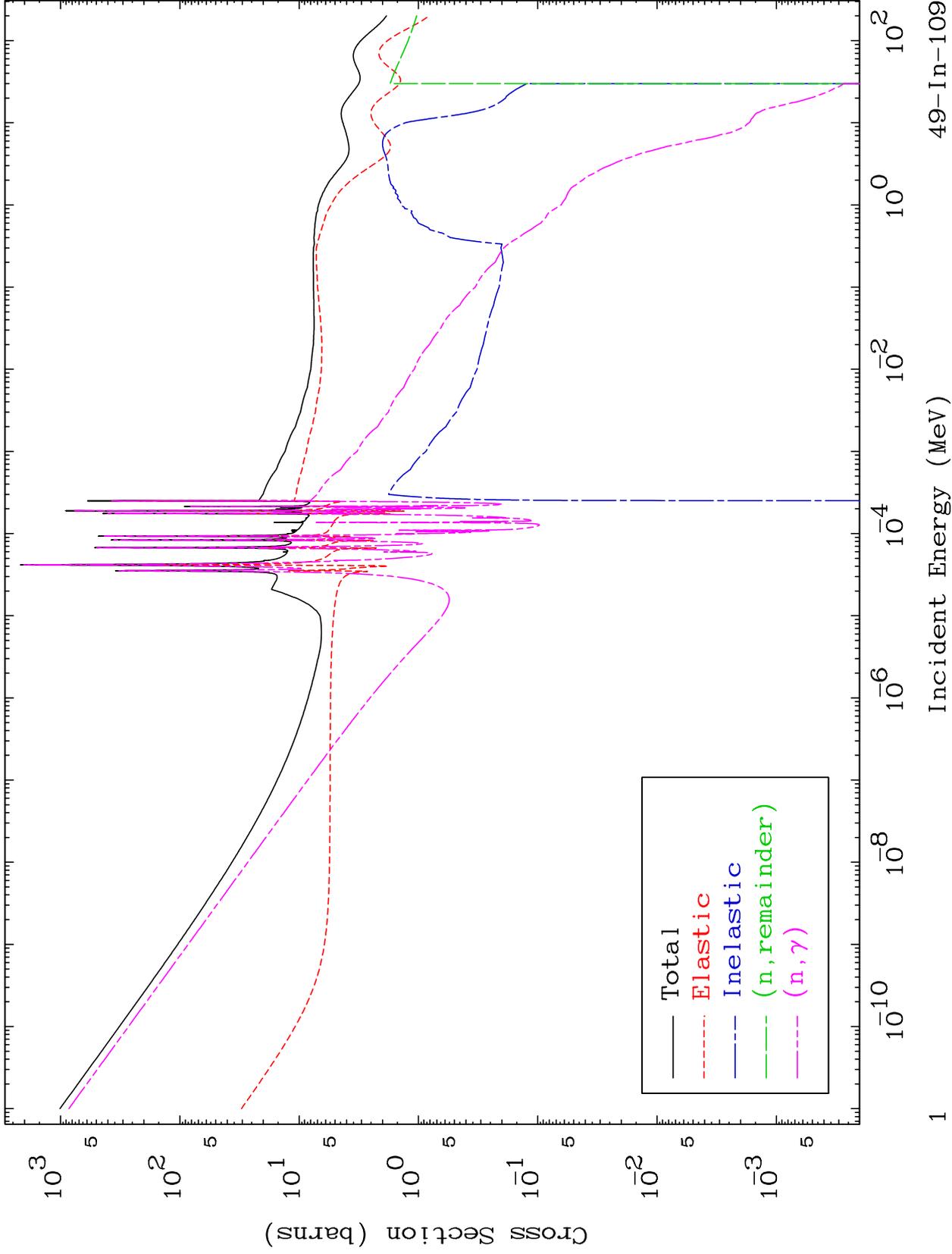
Press Mouse Button to Start

MAT 4914

Major

293 Kelvin Cross Sections

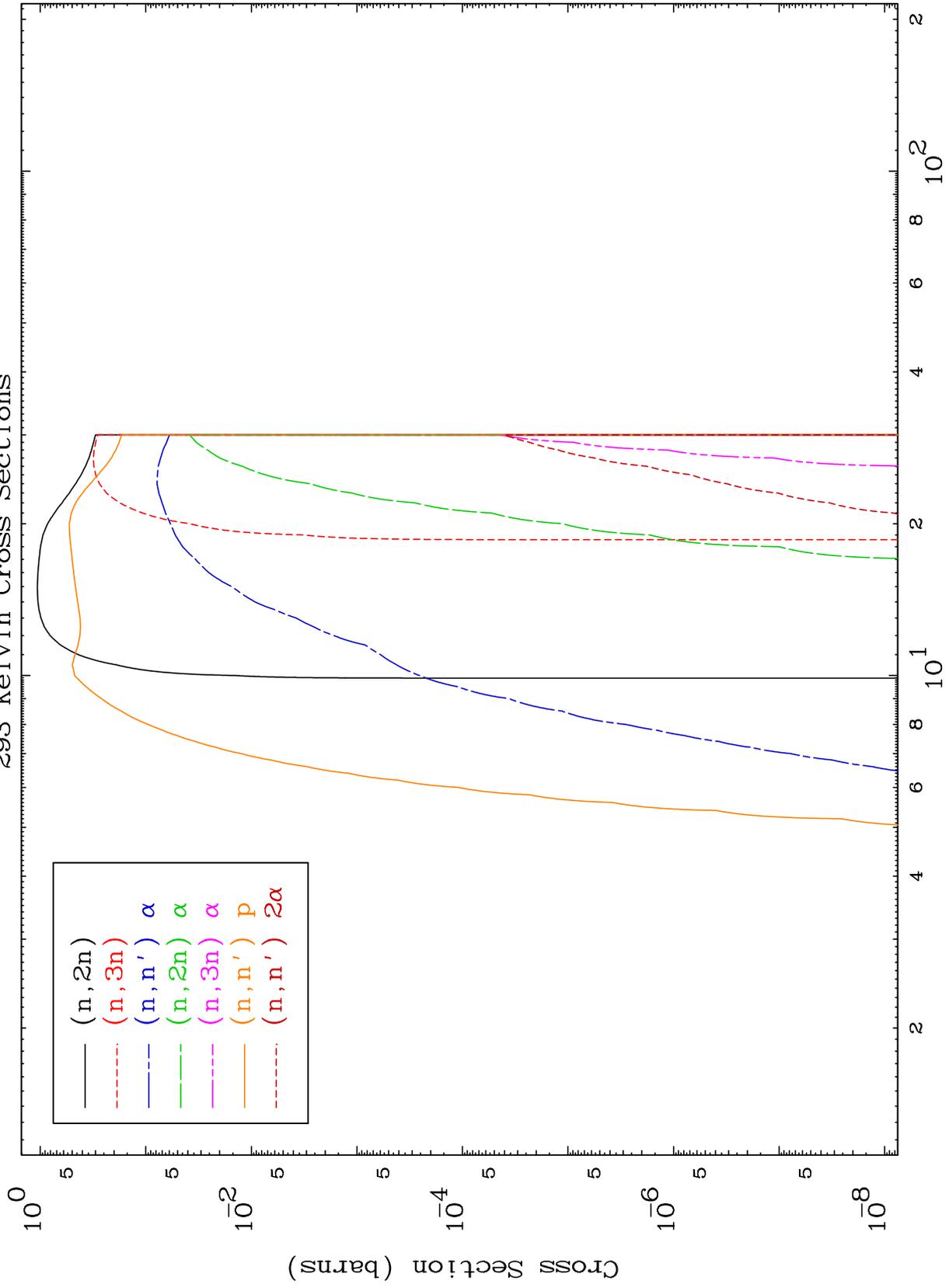
49-In-109



MAT 4914

Neutron Production
293 Kelvin Cross Sections

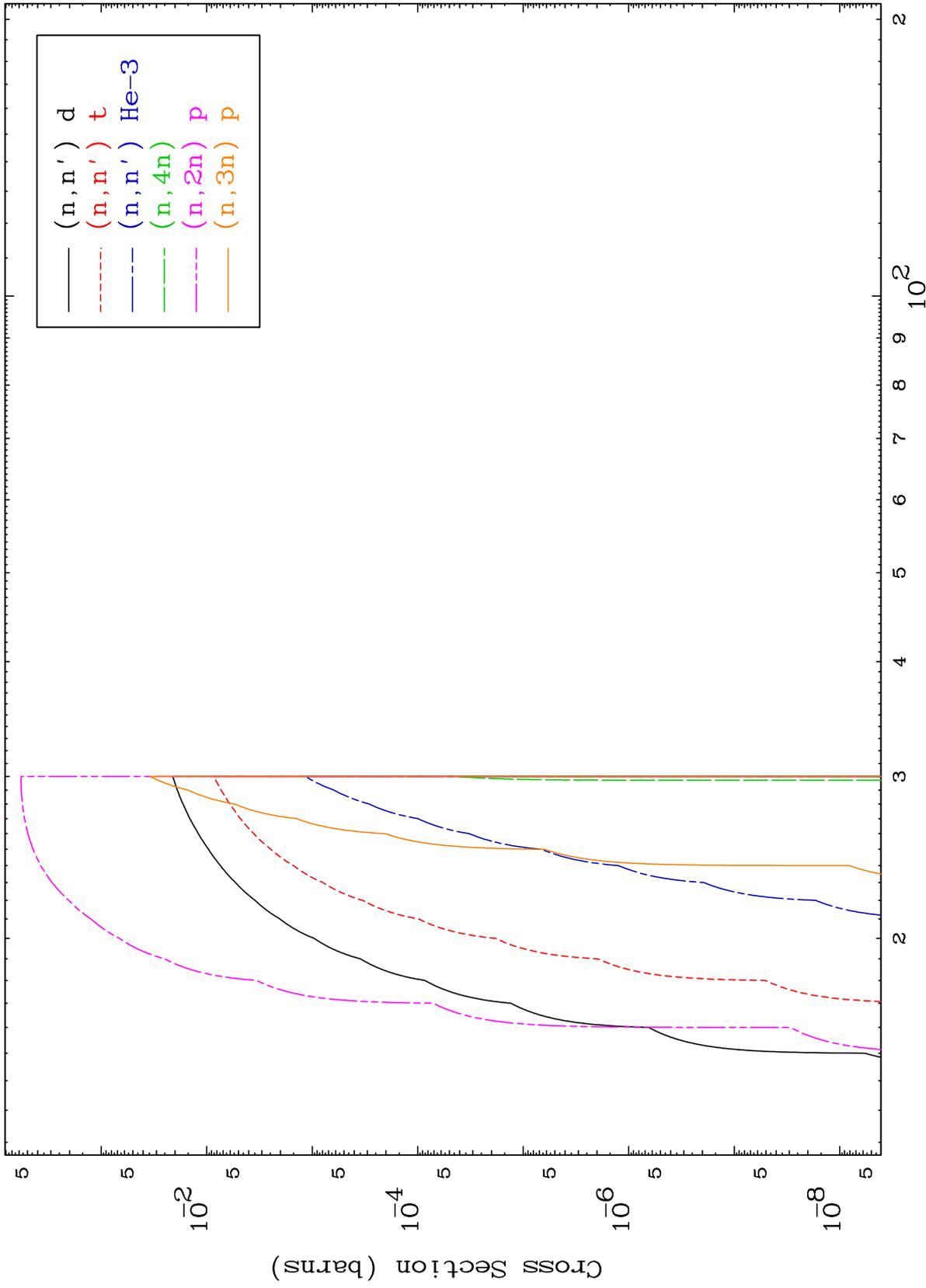
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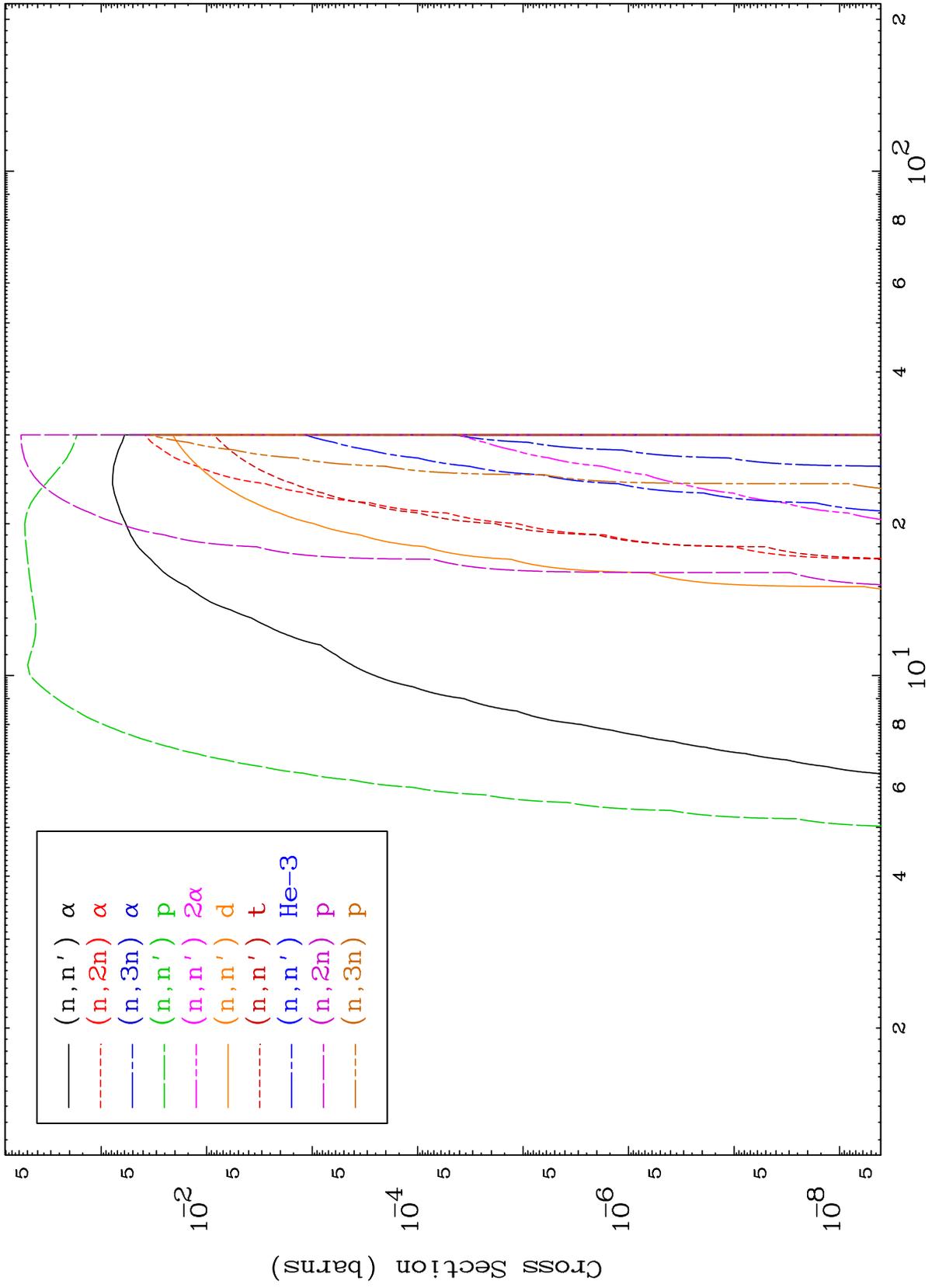


2

Incident Energy (MeV)

49-In-109

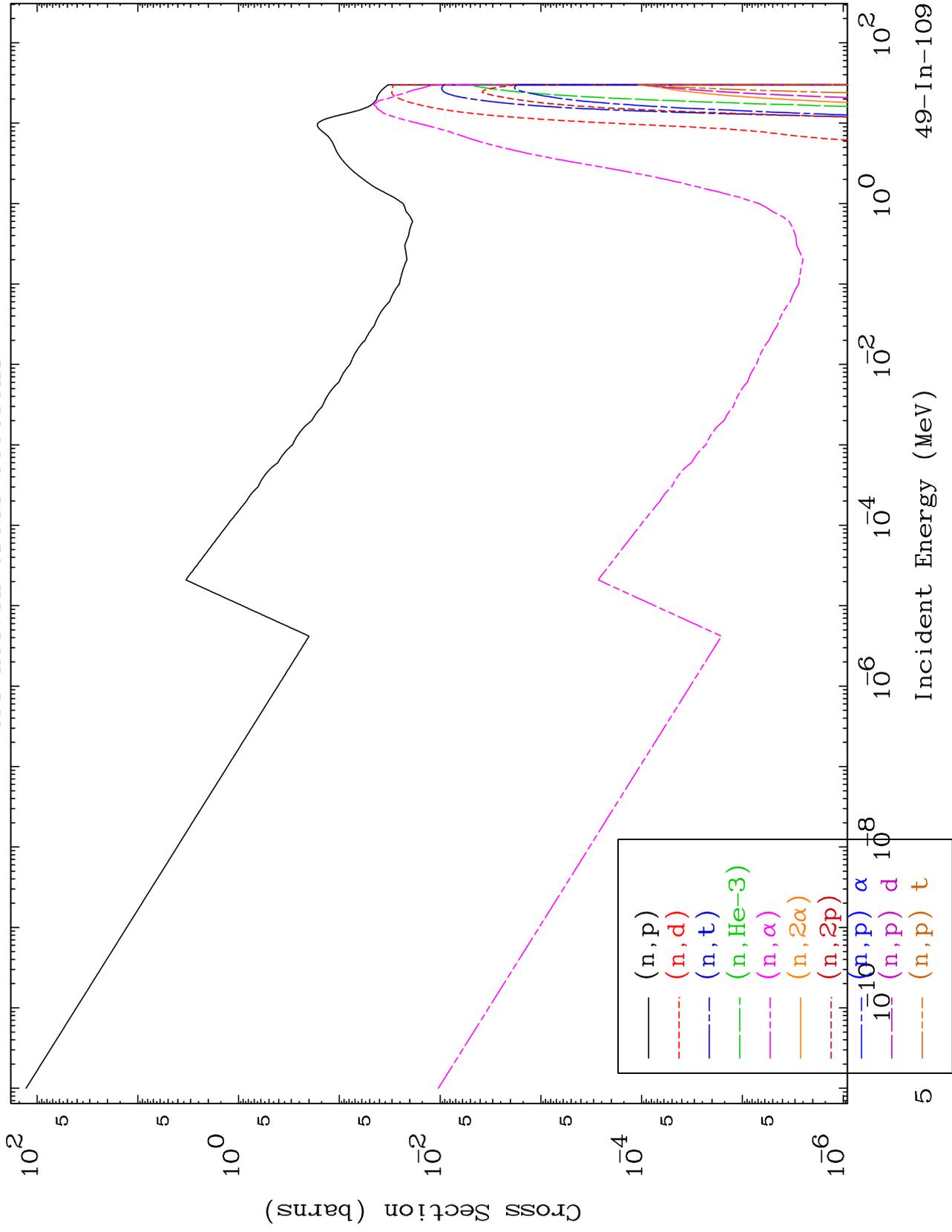




MAT 4914

Charged Particle
293 Kelvin Cross Sections

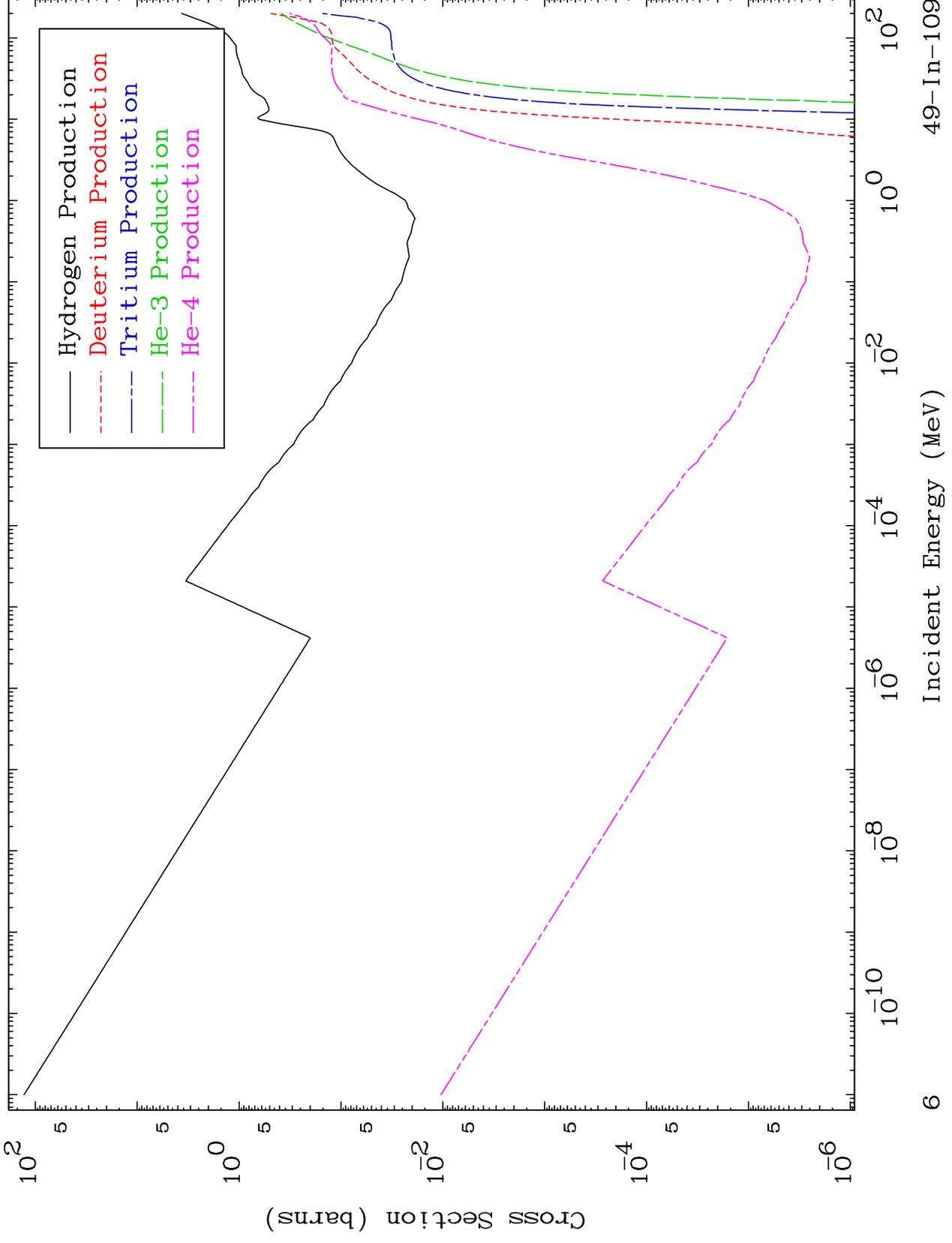
49-In-109



MAT 4914

Particle Production
293 Kelvin Cross Sections

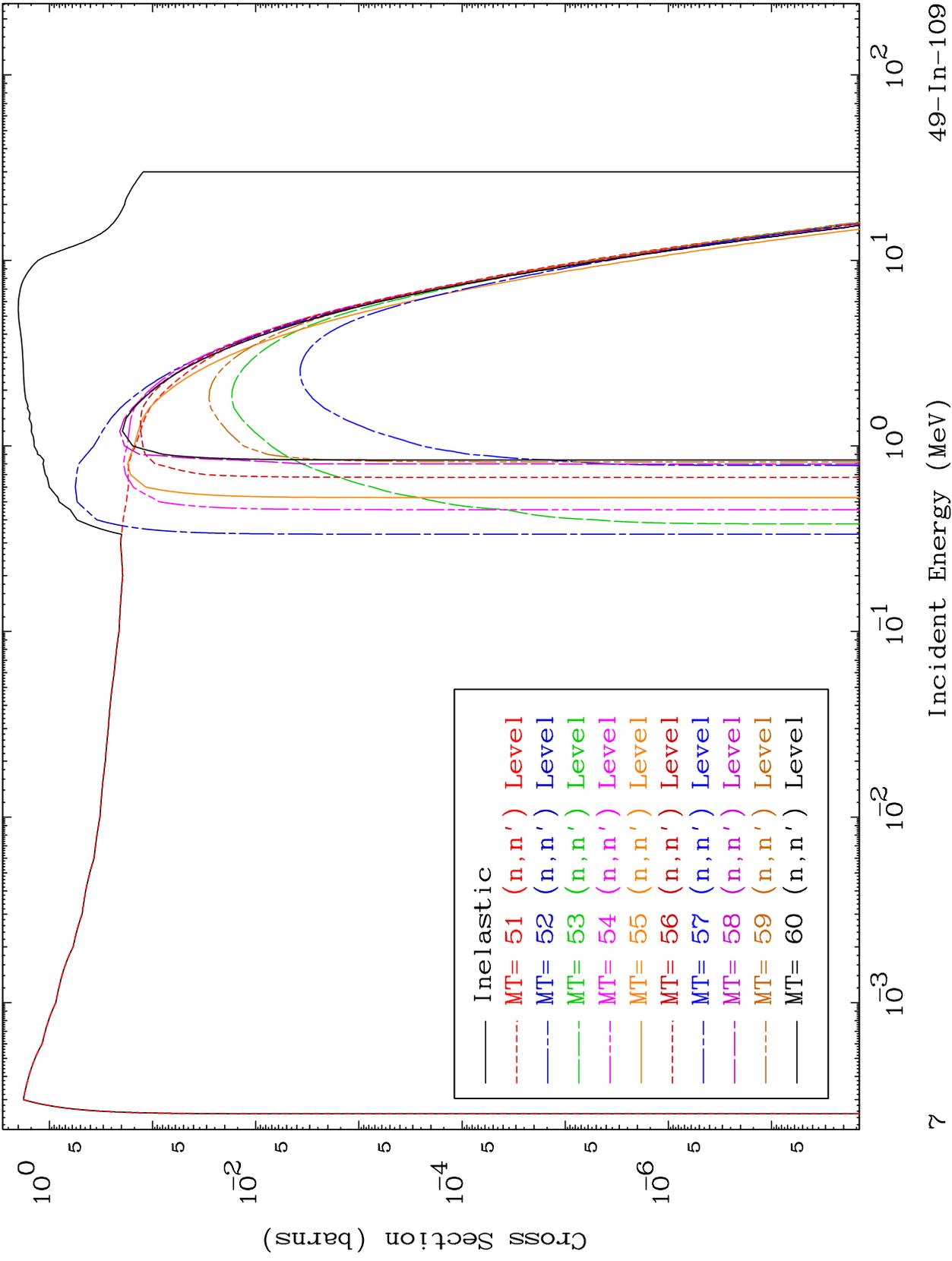
49-In-109



MAT 4914

(n,n') Level
293 Kelvin Cross Sections

49-In-109

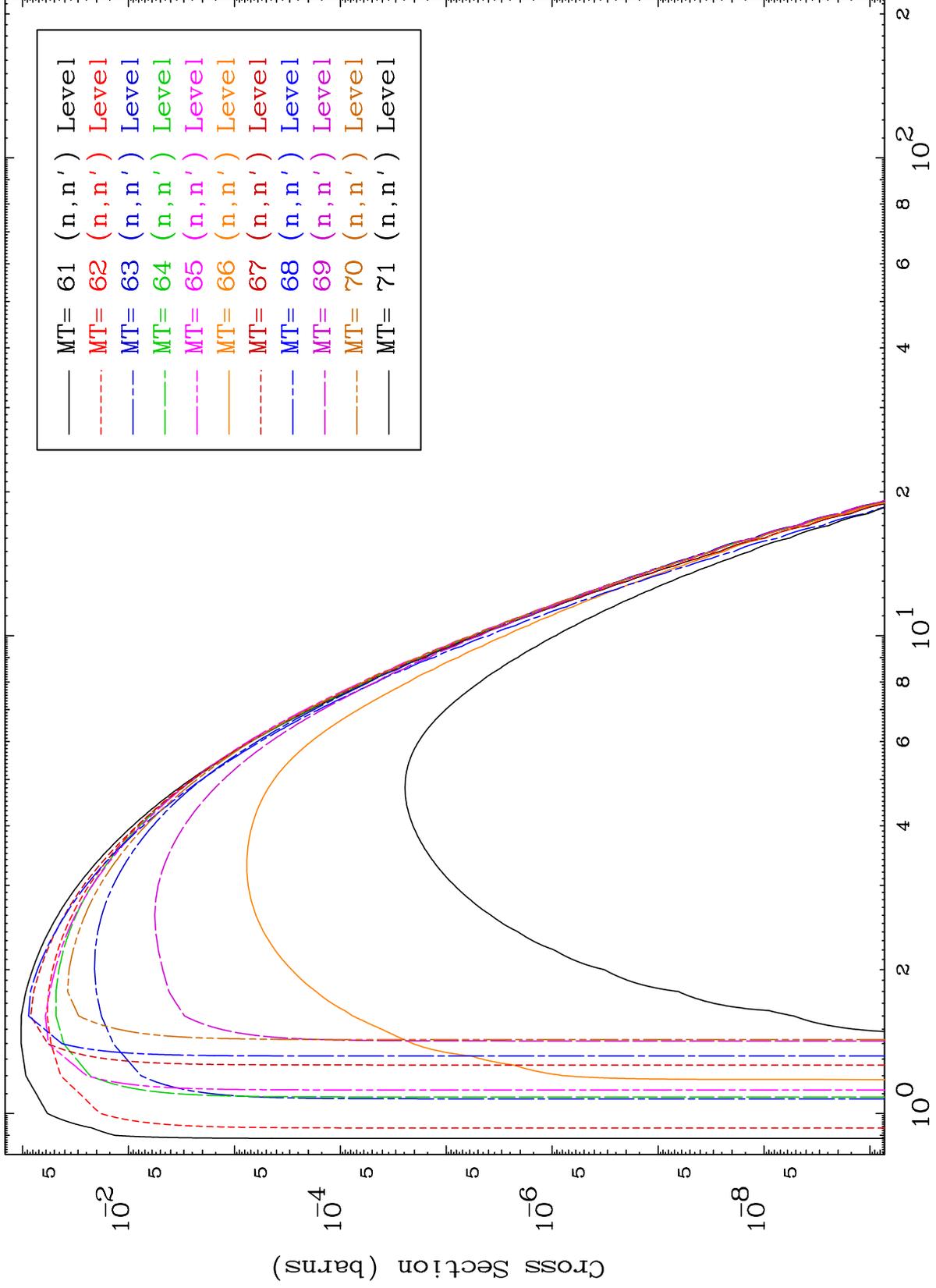


MAT 4914

(n,n') Level

49-In-109

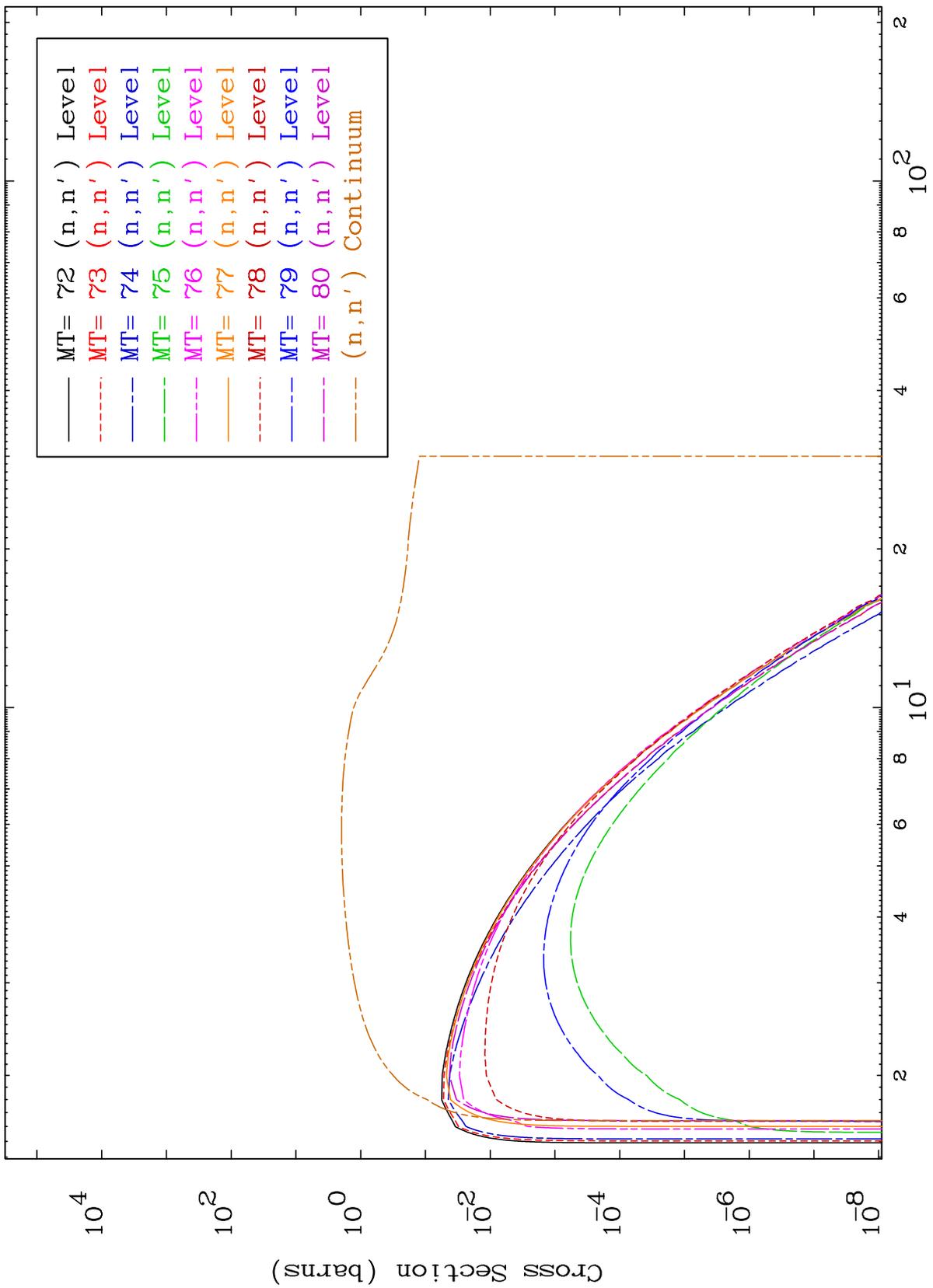
293 Kelvin Cross Sections



Incident Energy (MeV)

49-In-109

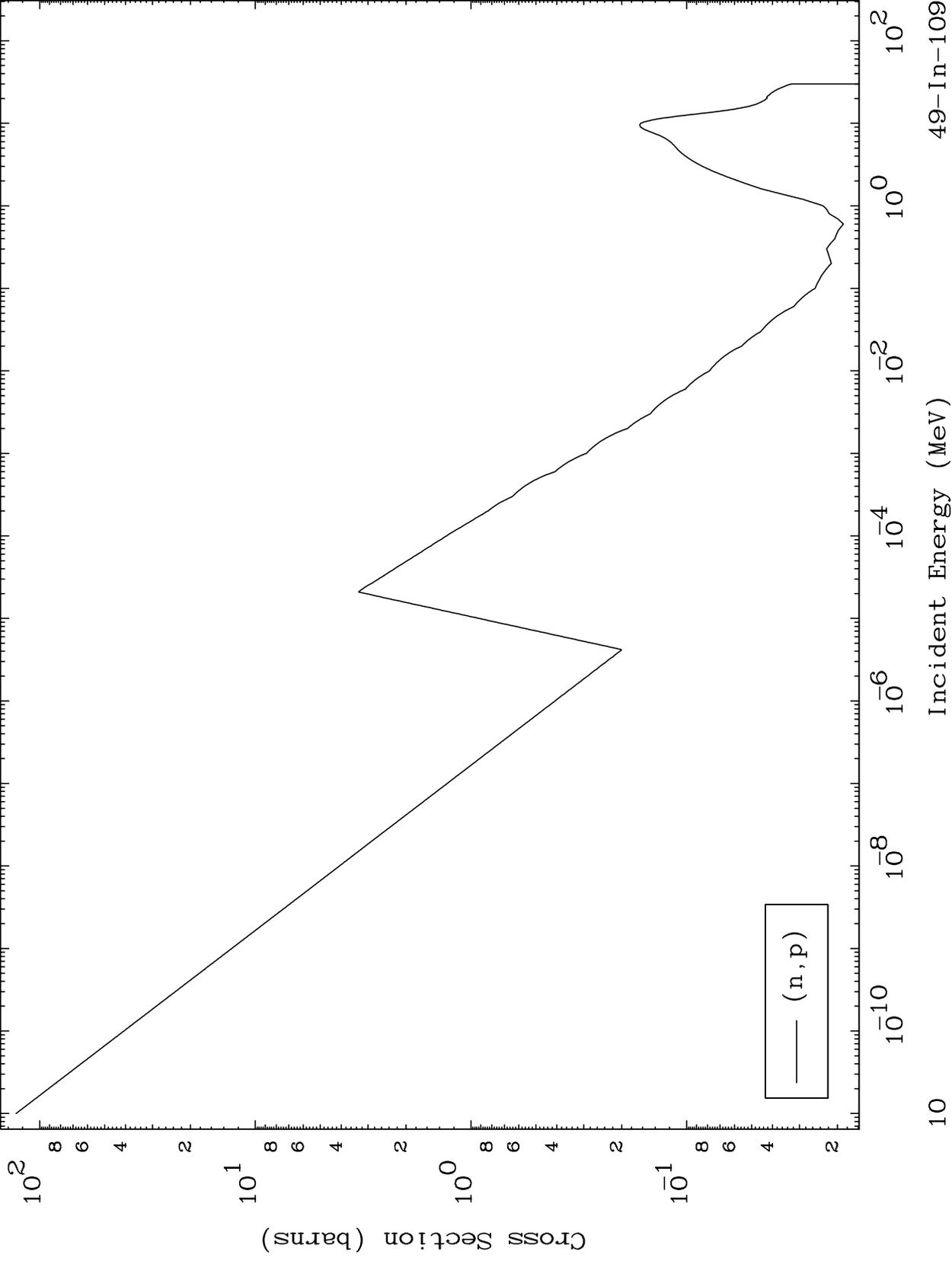
293 Kelvin Cross Sections



MAT 4914

(n,p) Levels
293 Kelvin Cross Sections

49-In-109



10

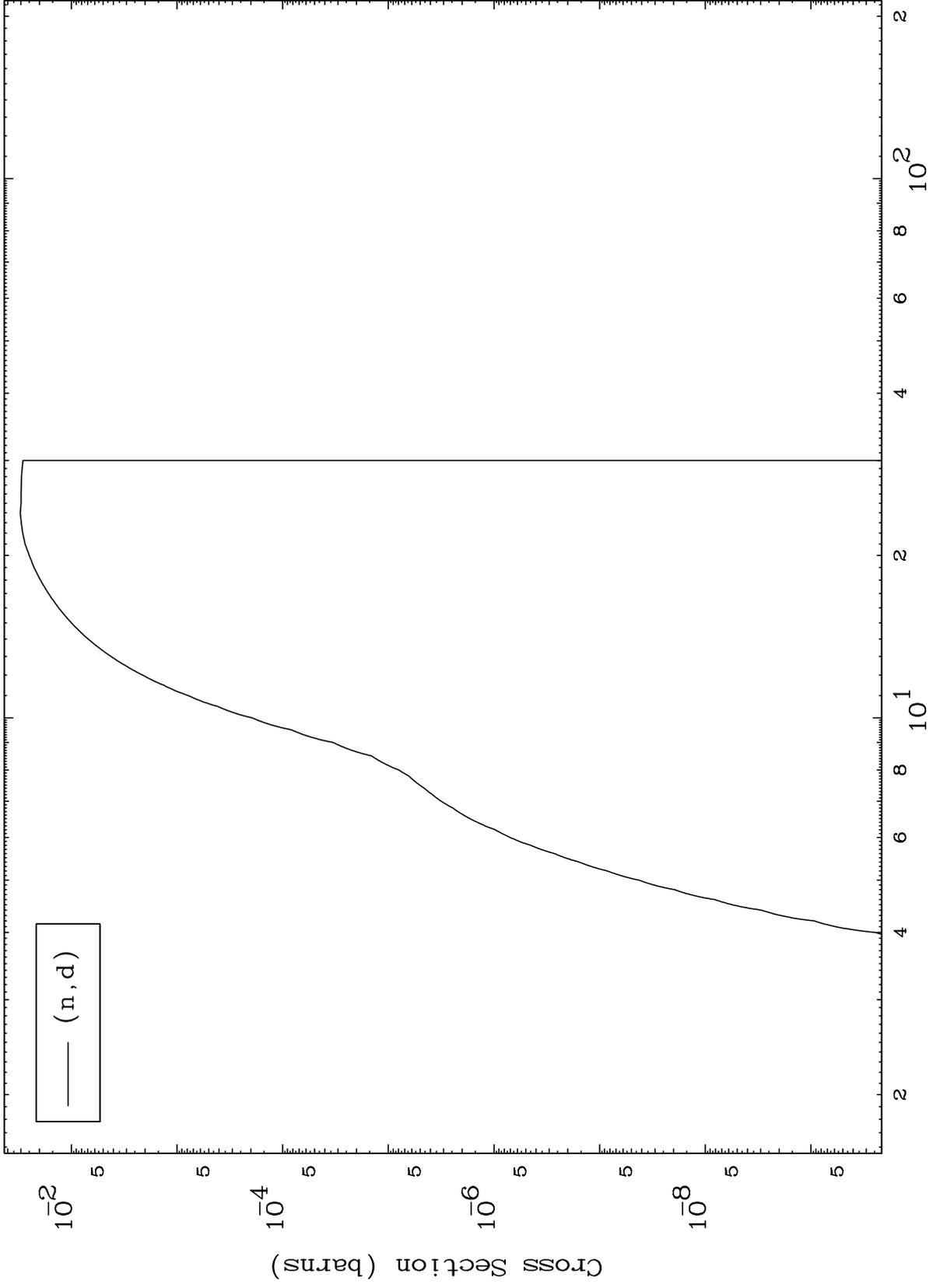
Incident Energy (MeV)

49-In-109

MAT 4914

(n,d) Levels
293 Kelvin Cross Sections

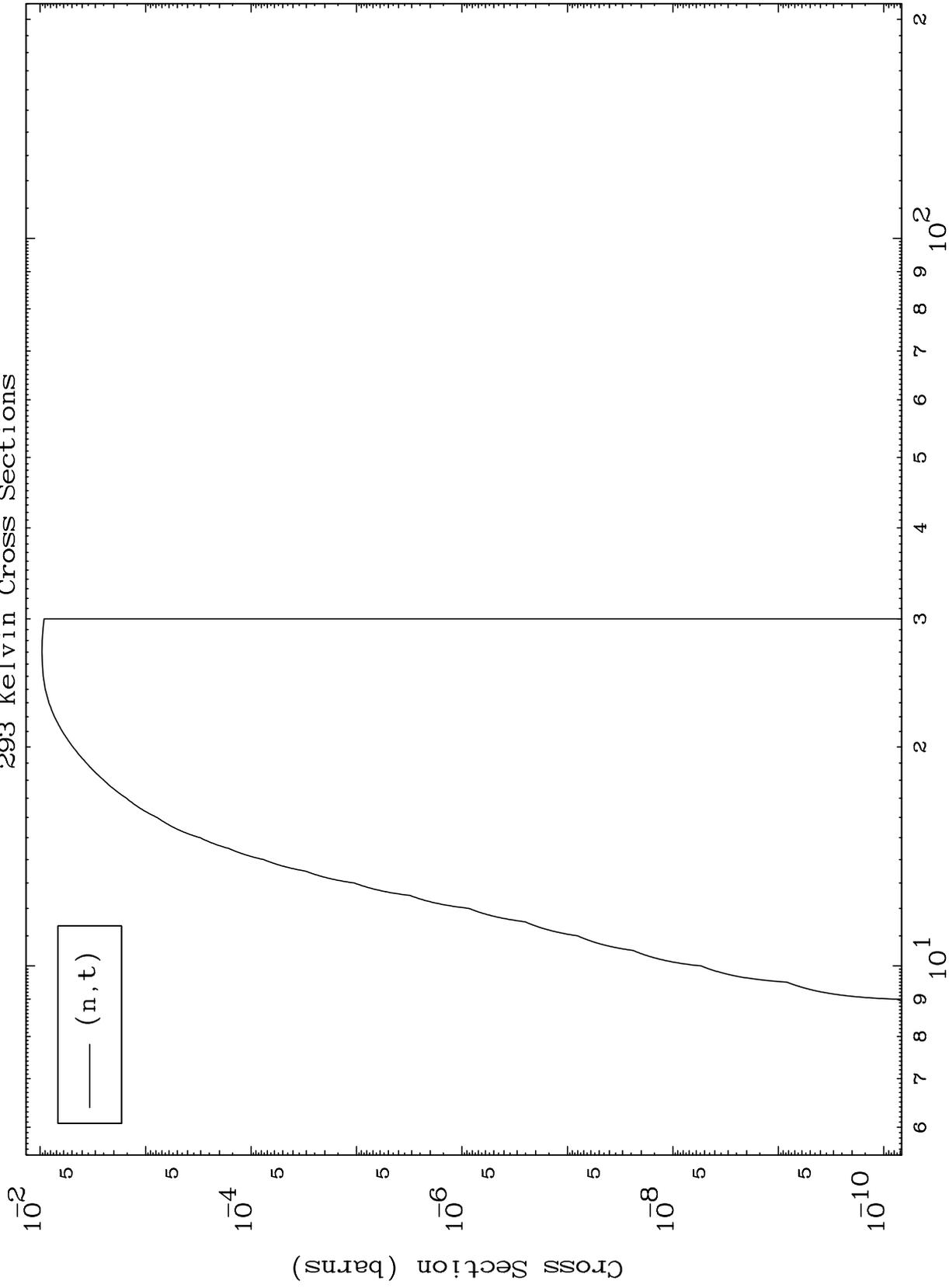
49-In-109



MAT 4914

(n,t) Levels
293 Kelvin Cross Sections

49-In-109



12

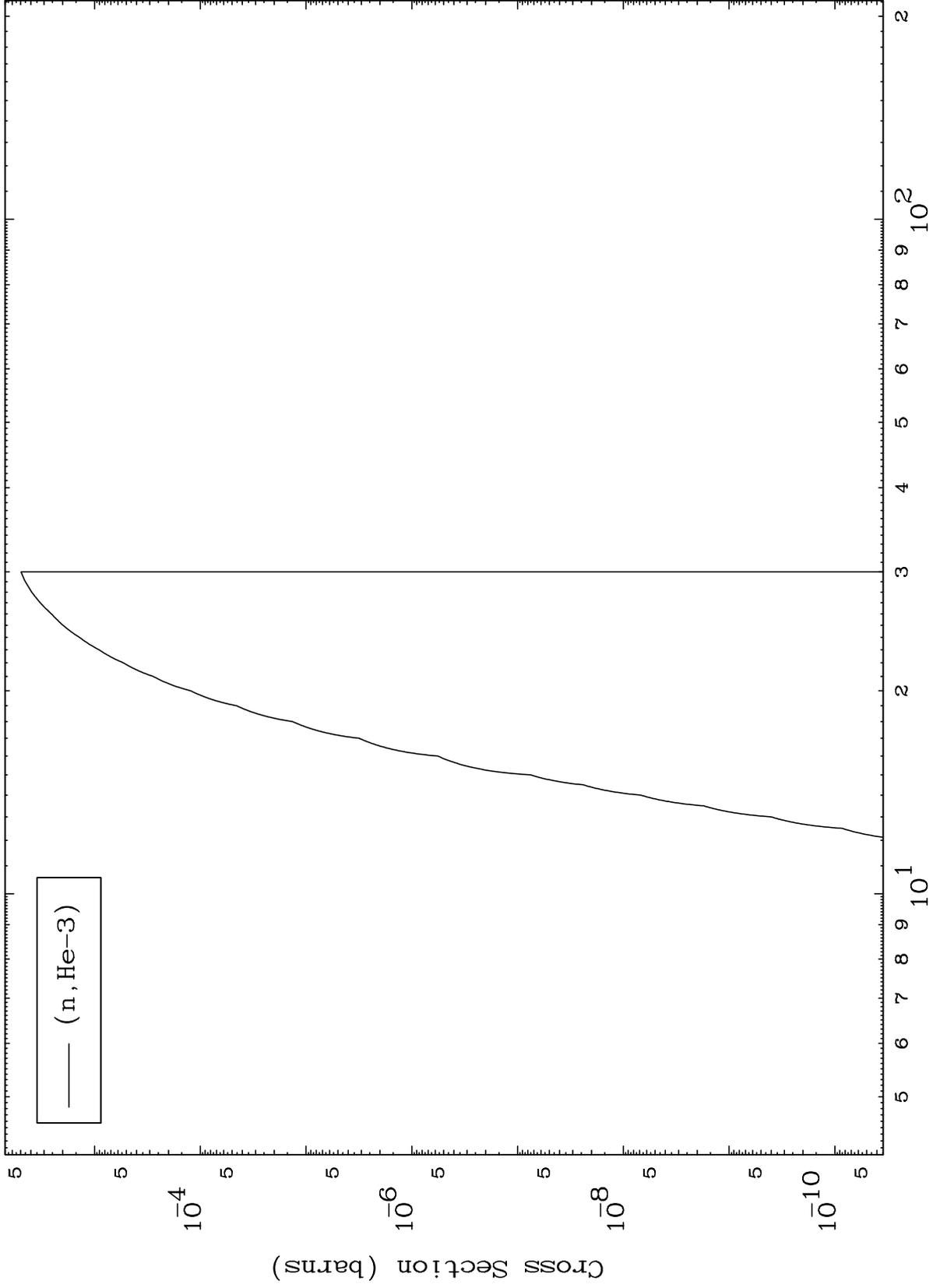
Incident Energy (MeV)

49-In-109

MAT 4914

(n,He3) Levels
293 Kelvin Cross Sections

49-In-109



13

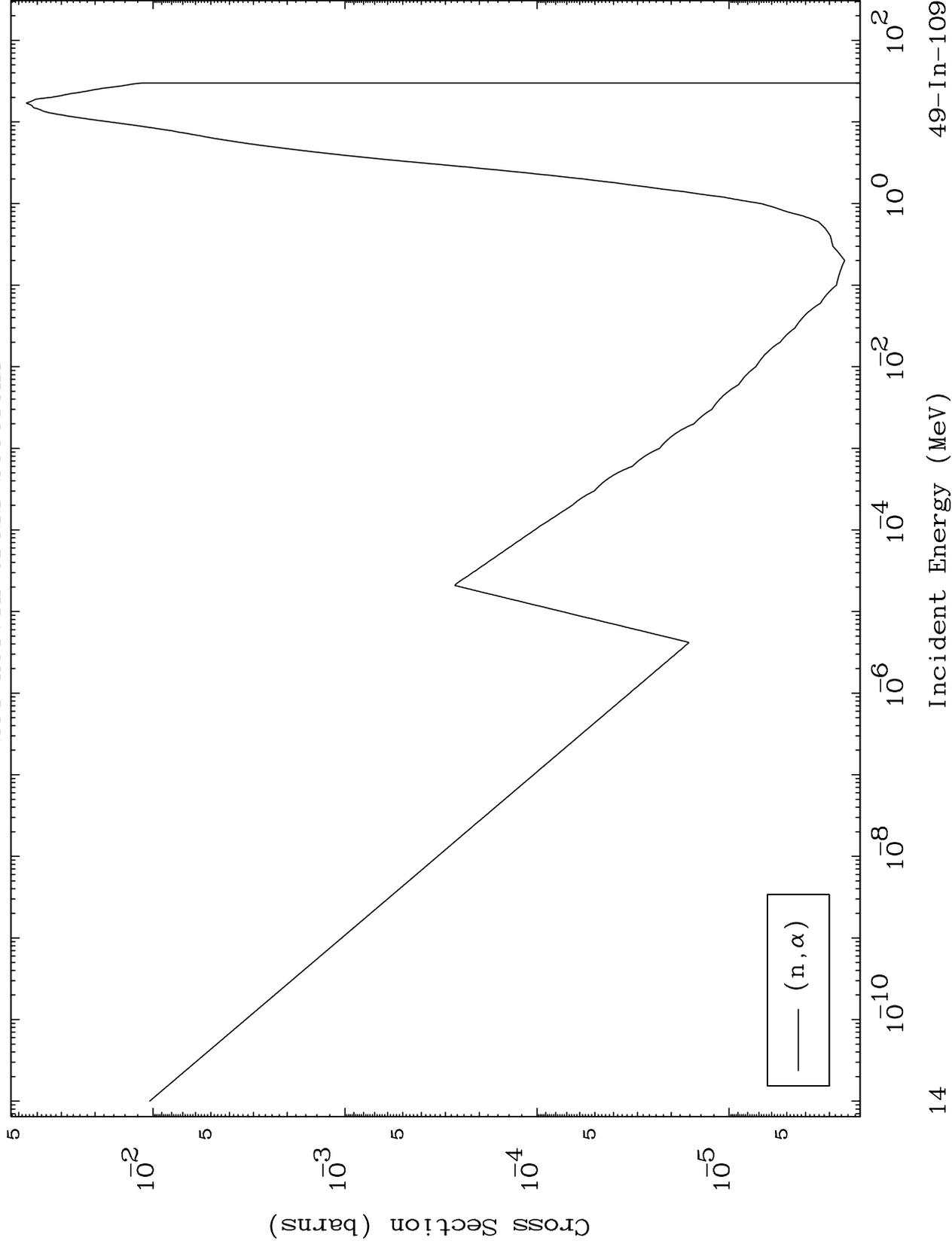
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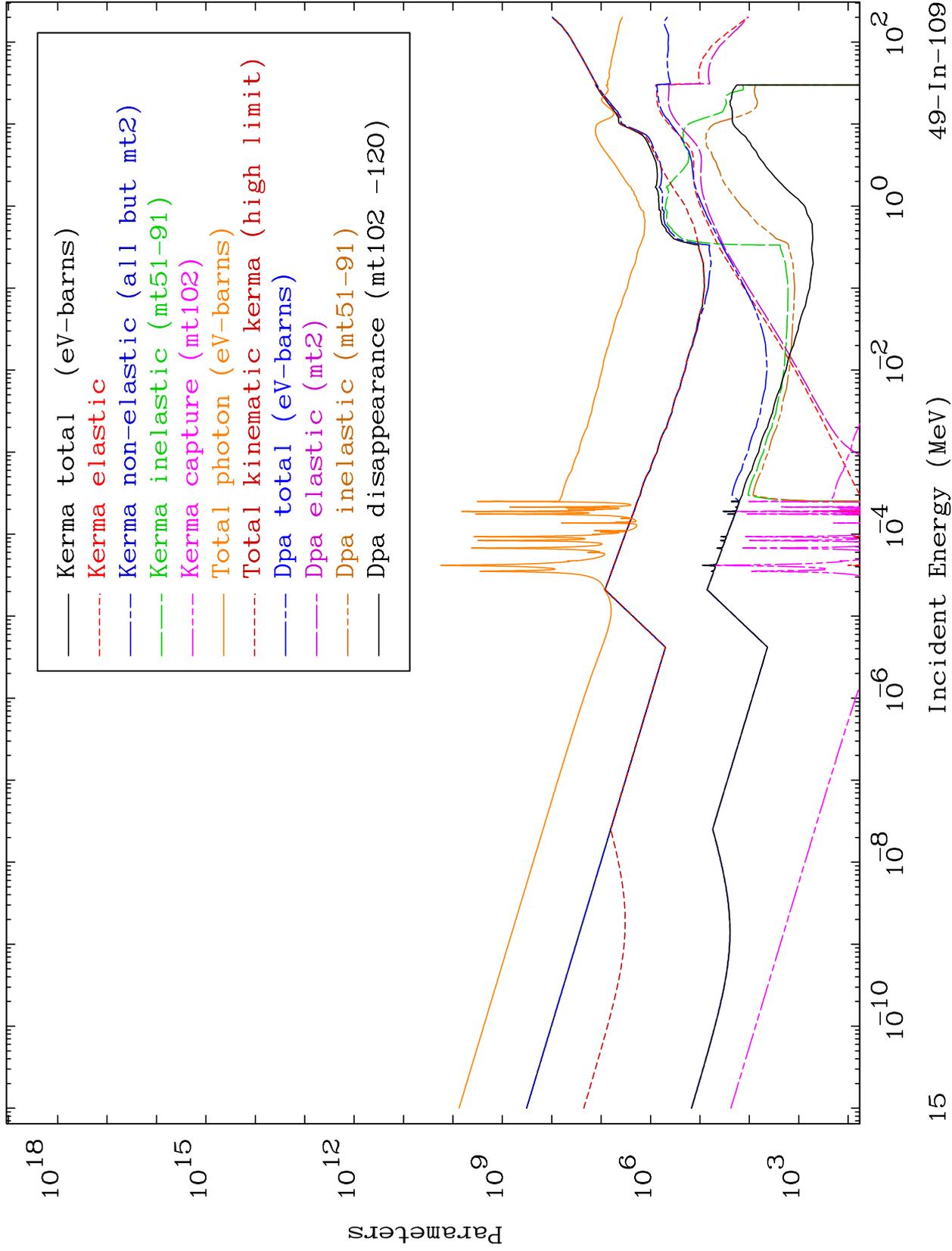
49-In-109

MAT 4914

(n, α) Levels
293 Kelvin Cross Sections

49-In-109

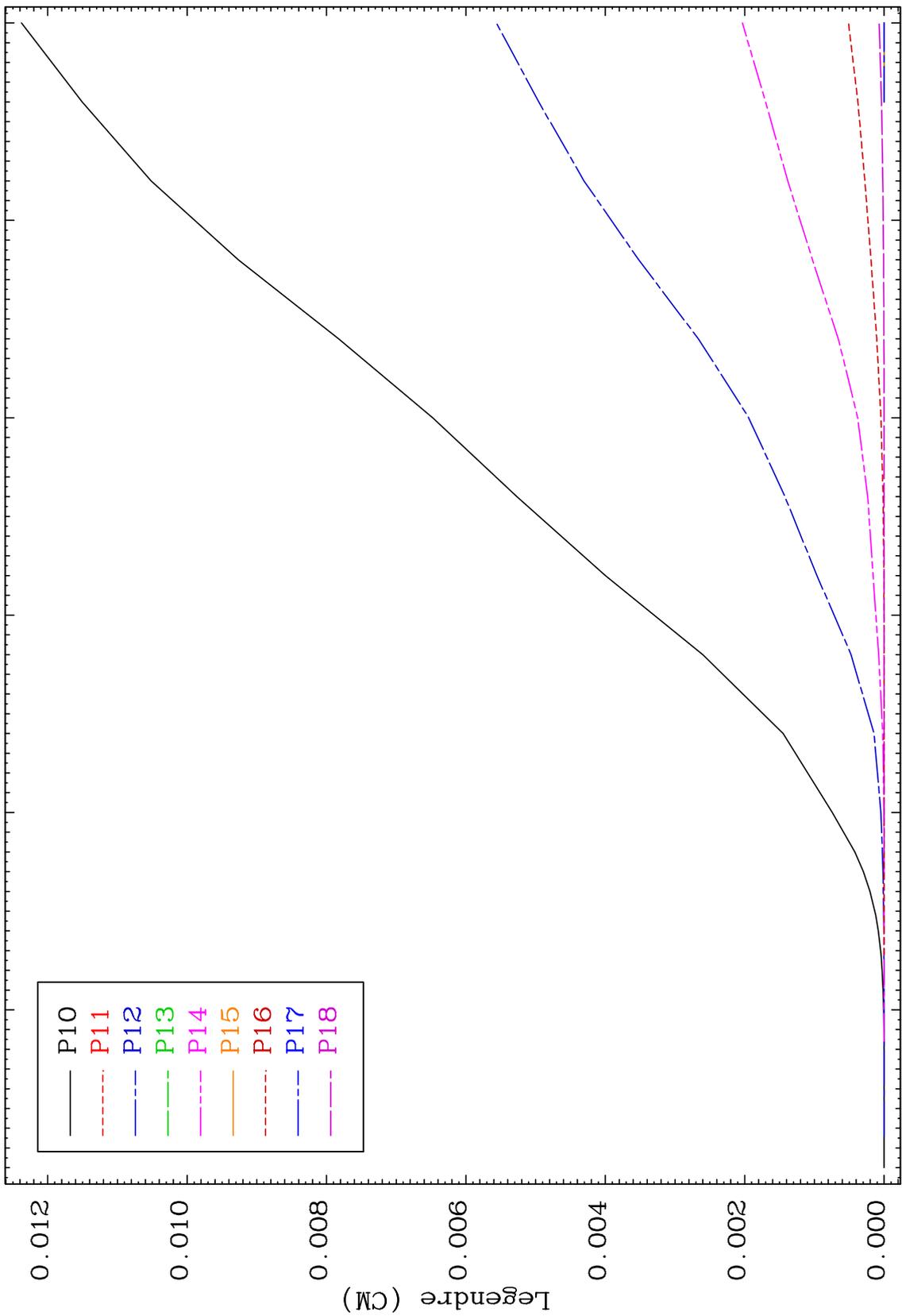




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Elastic Legendre Coefficients

49-In-109



17

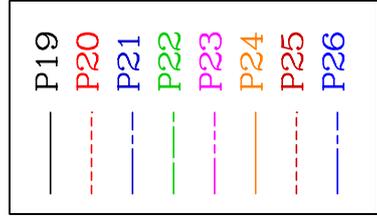
49-In-109

Incident Energy (MeV)

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Elastic
Legendre Coefficients

49-In-109



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

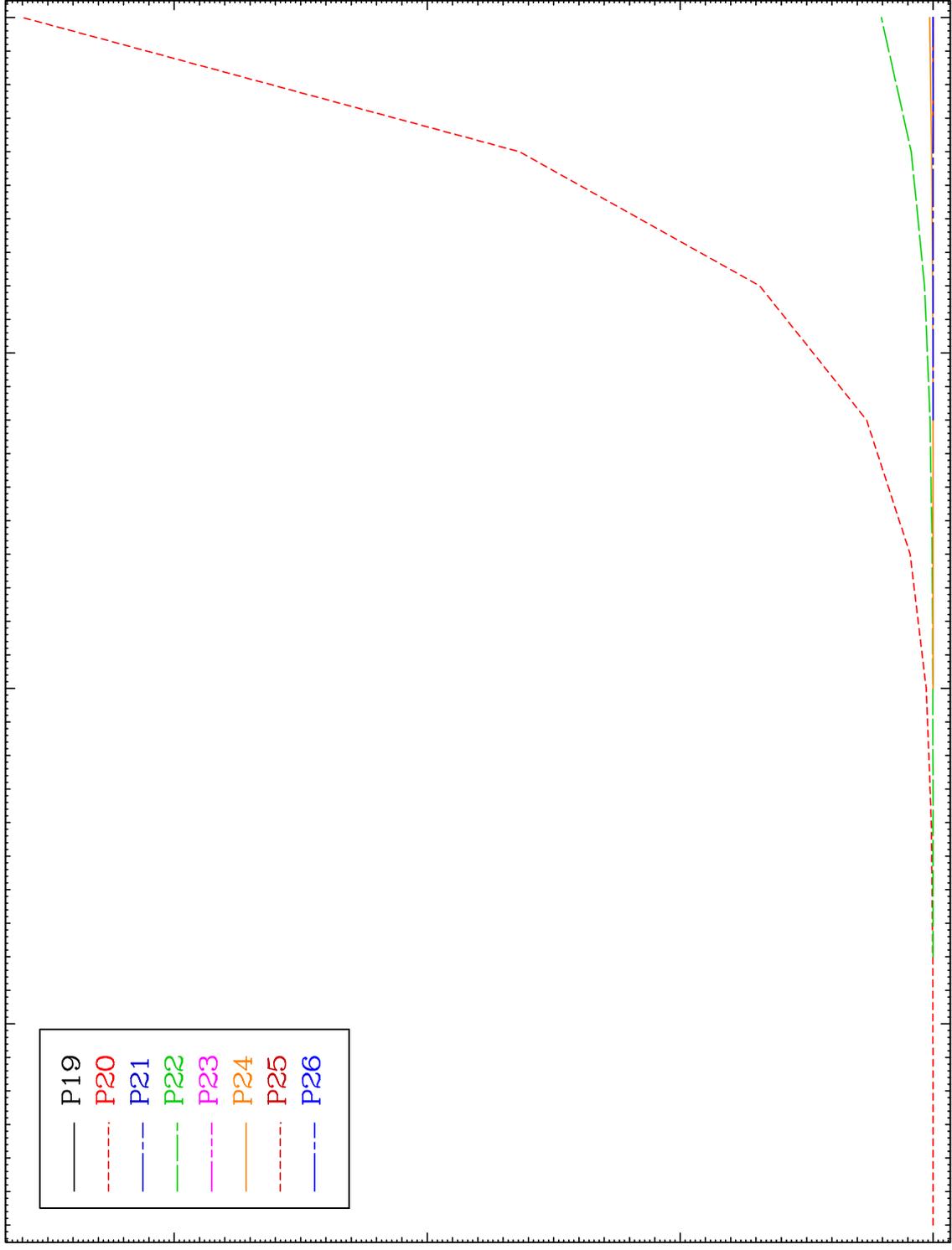
25

30

18

Incident Energy (MeV)

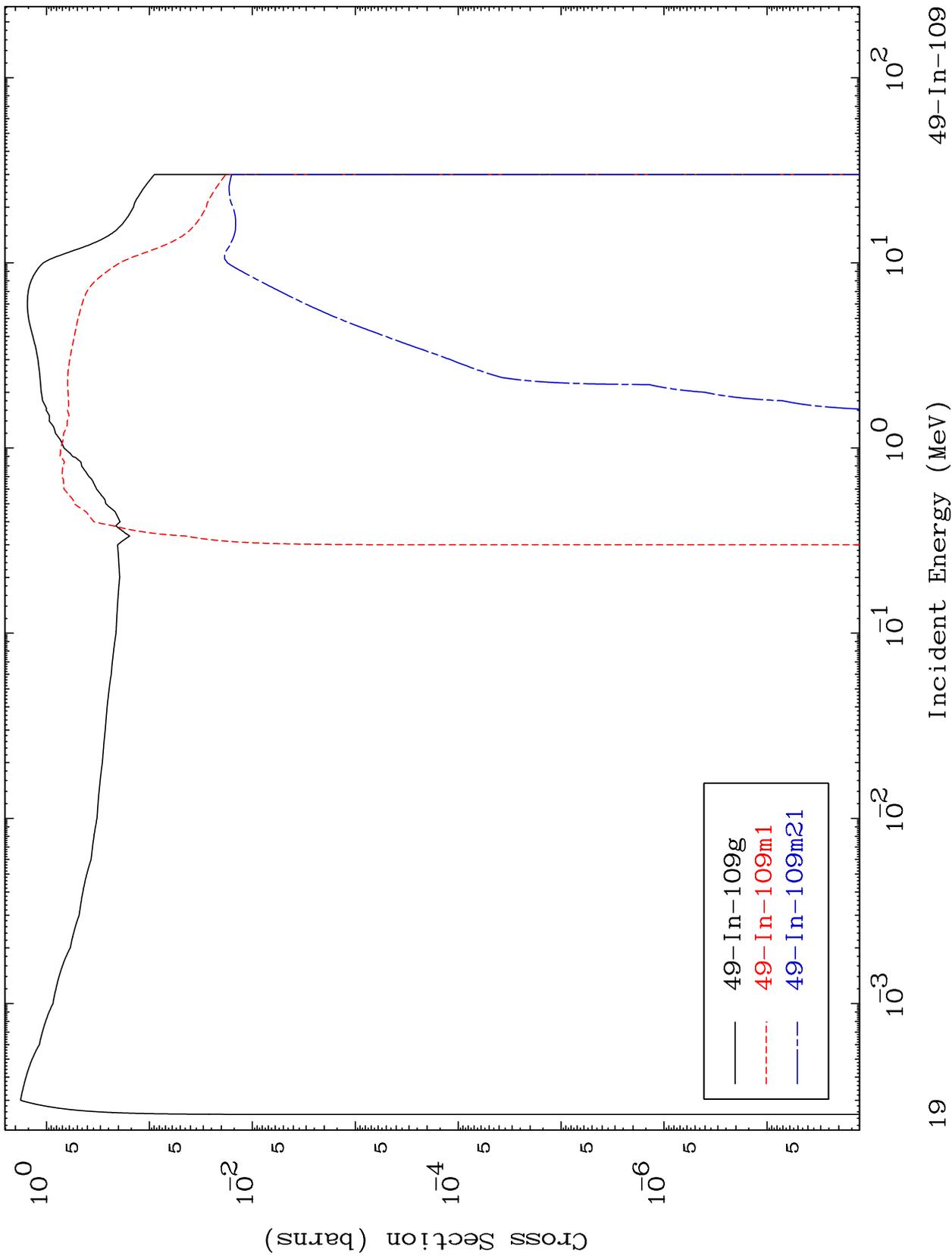
49-In-109



MAT 4914

49-In-109

Inelastic
Radionuclide Production Cross Section

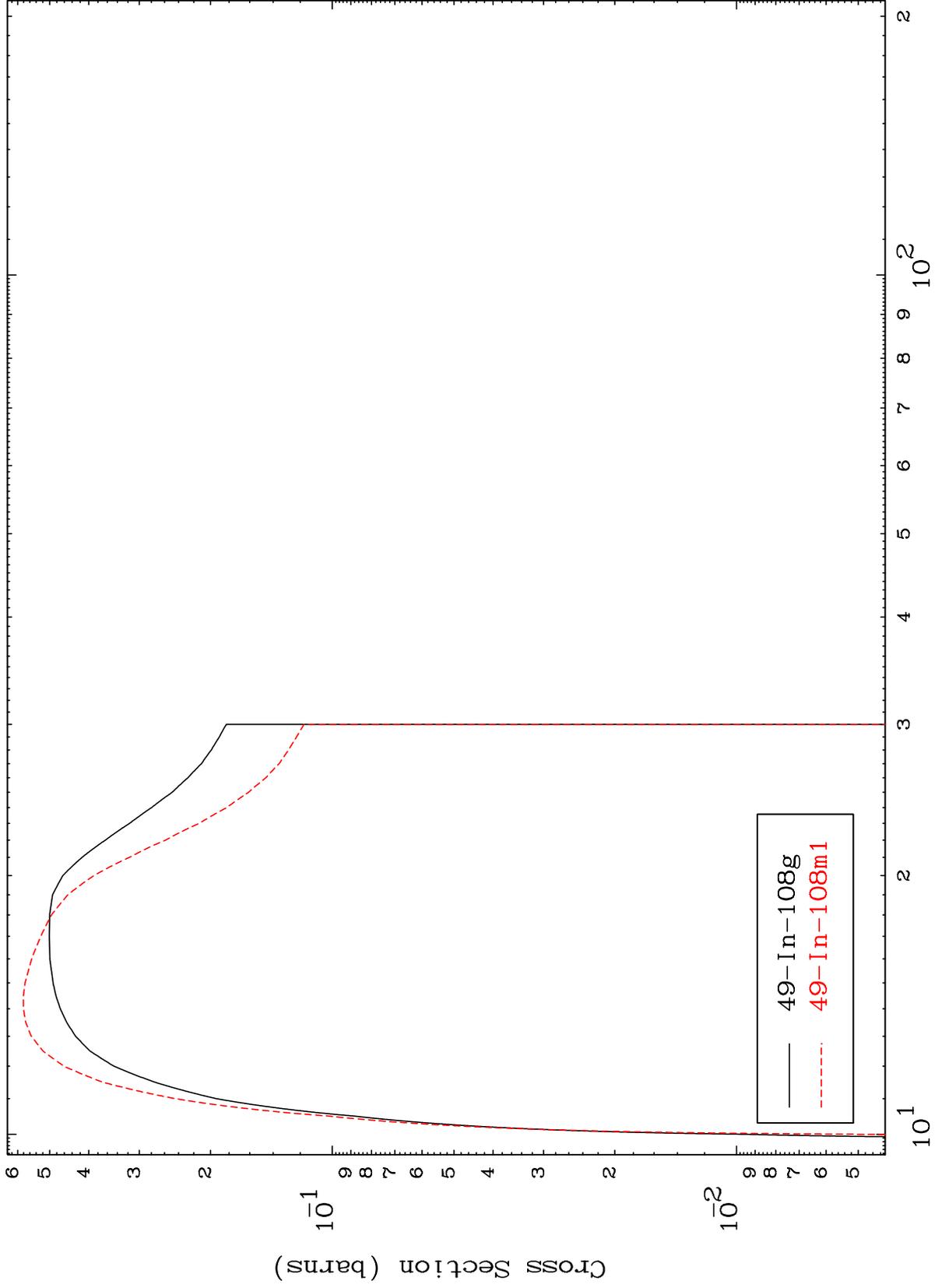


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(n,2n)

49-In-109

Radionuclide Production Cross Section



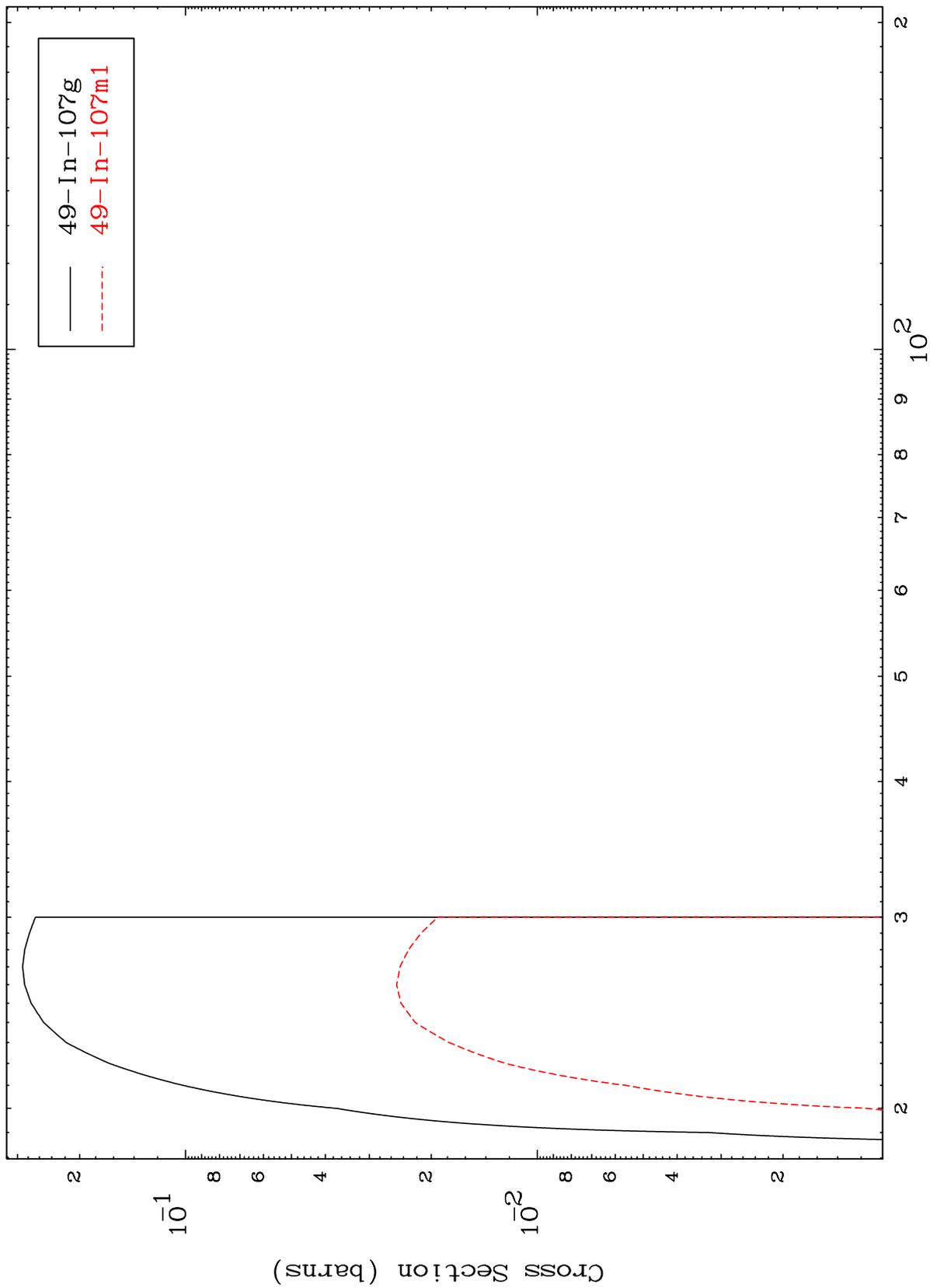
Incident Energy (MeV)

49-In-109

MAT 4914

49-In-109

(n,3n)
Radionuclide Production Cross Section



21

49-In-109

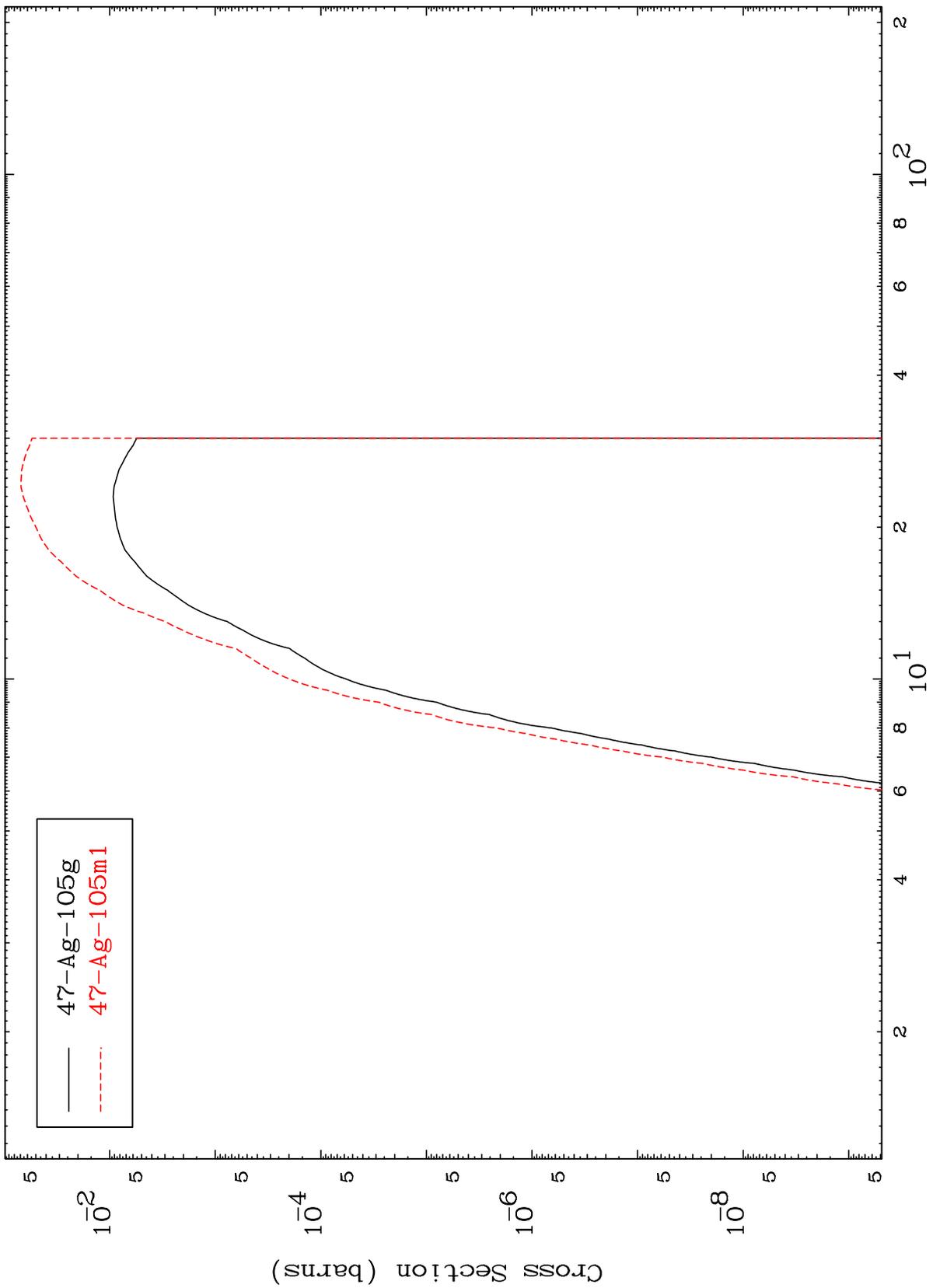
Incident Energy (MeV)

MAT 4914

(n,n') α

49-In-109

Radionuclide Production Cross Section



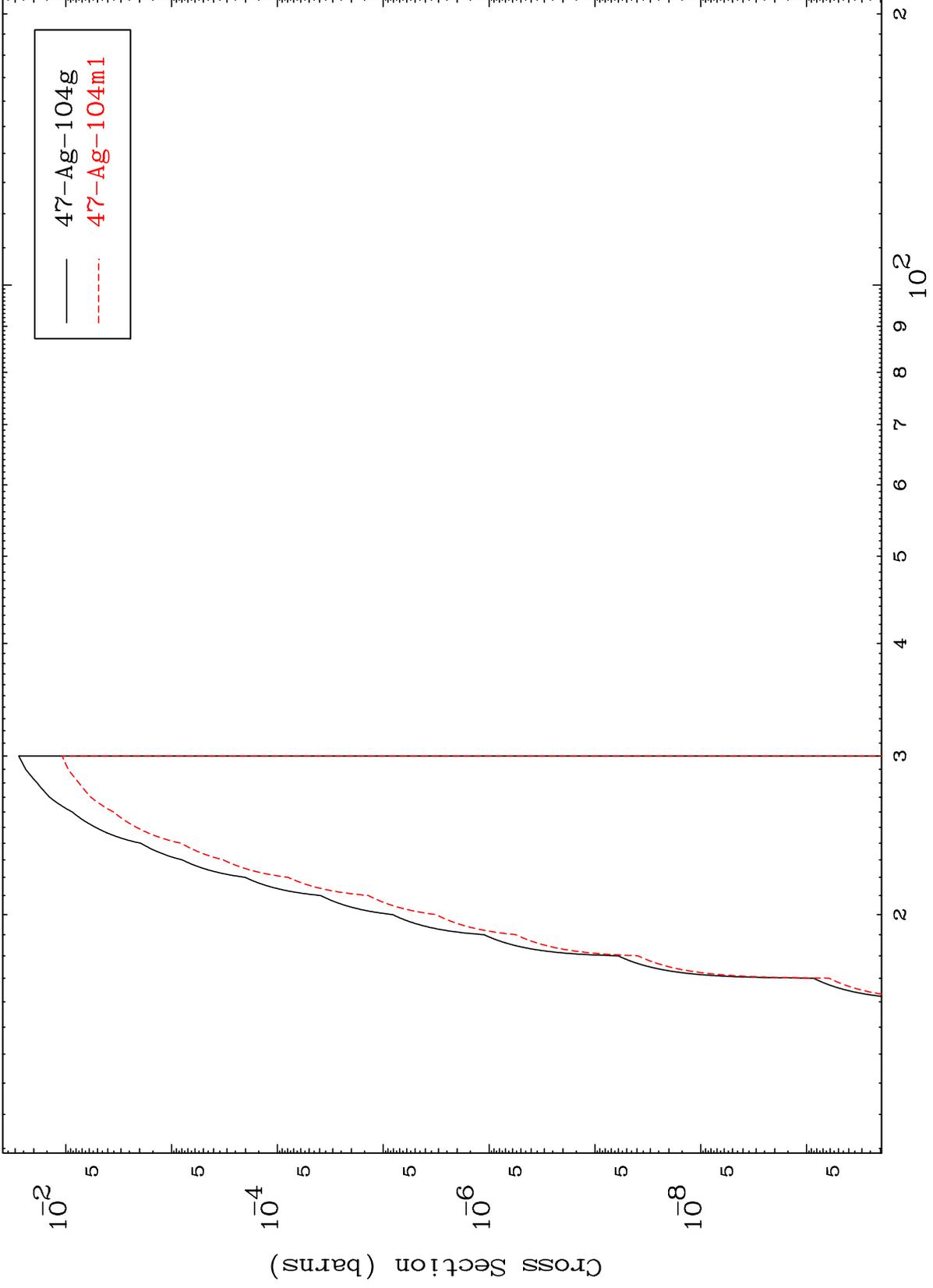
— 47-Ag-105g
- - - 47-Ag-105m1

MAT 4914

(n,2n) α

49-In-109

Radionuclide Production Cross Section



23

Incident Energy (MeV)

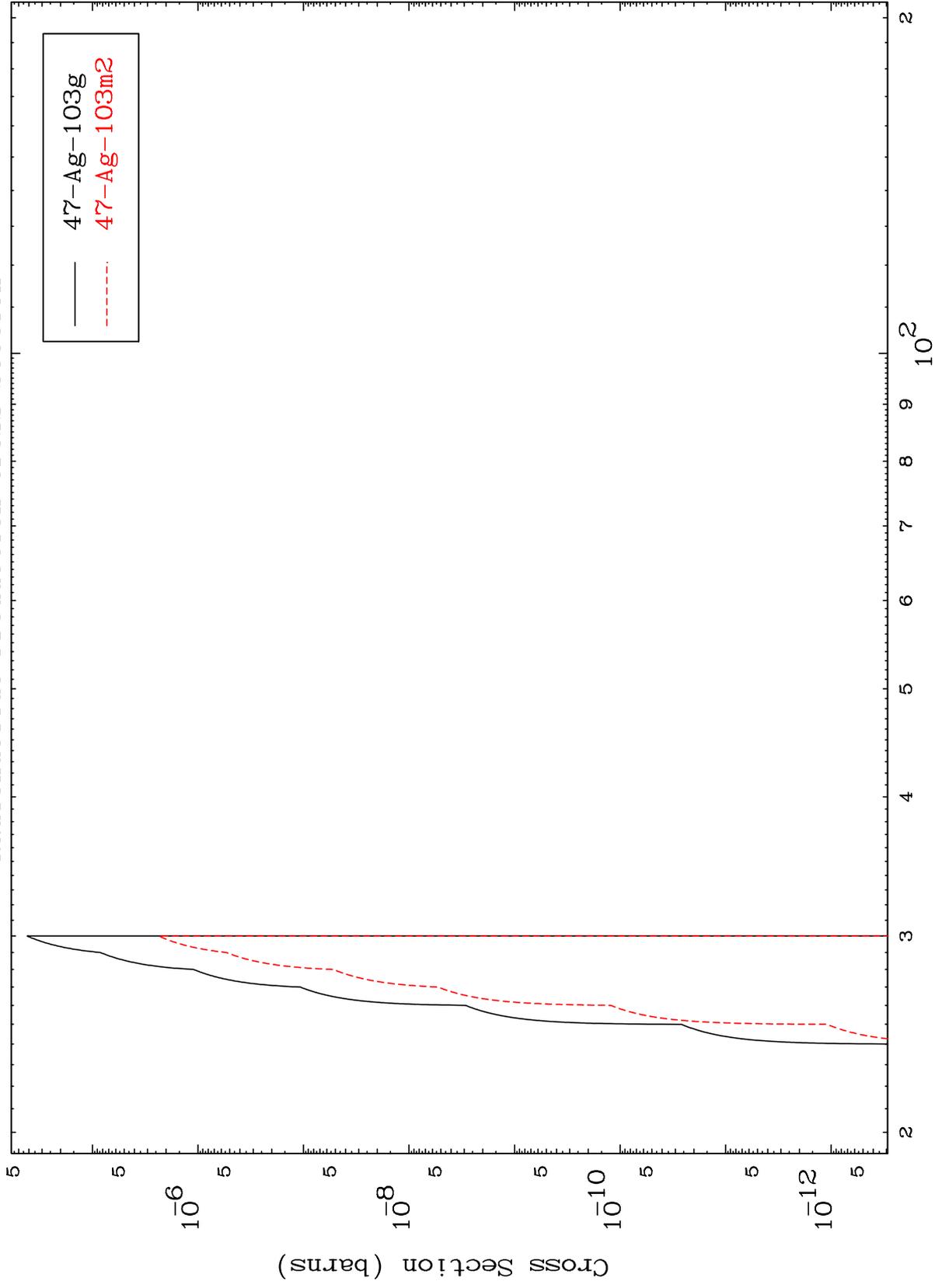
49-In-109

MAT 4914

(n,3n) α

49-In-109

Radionuclide Production Cross Section



24

Incident Energy (MeV)

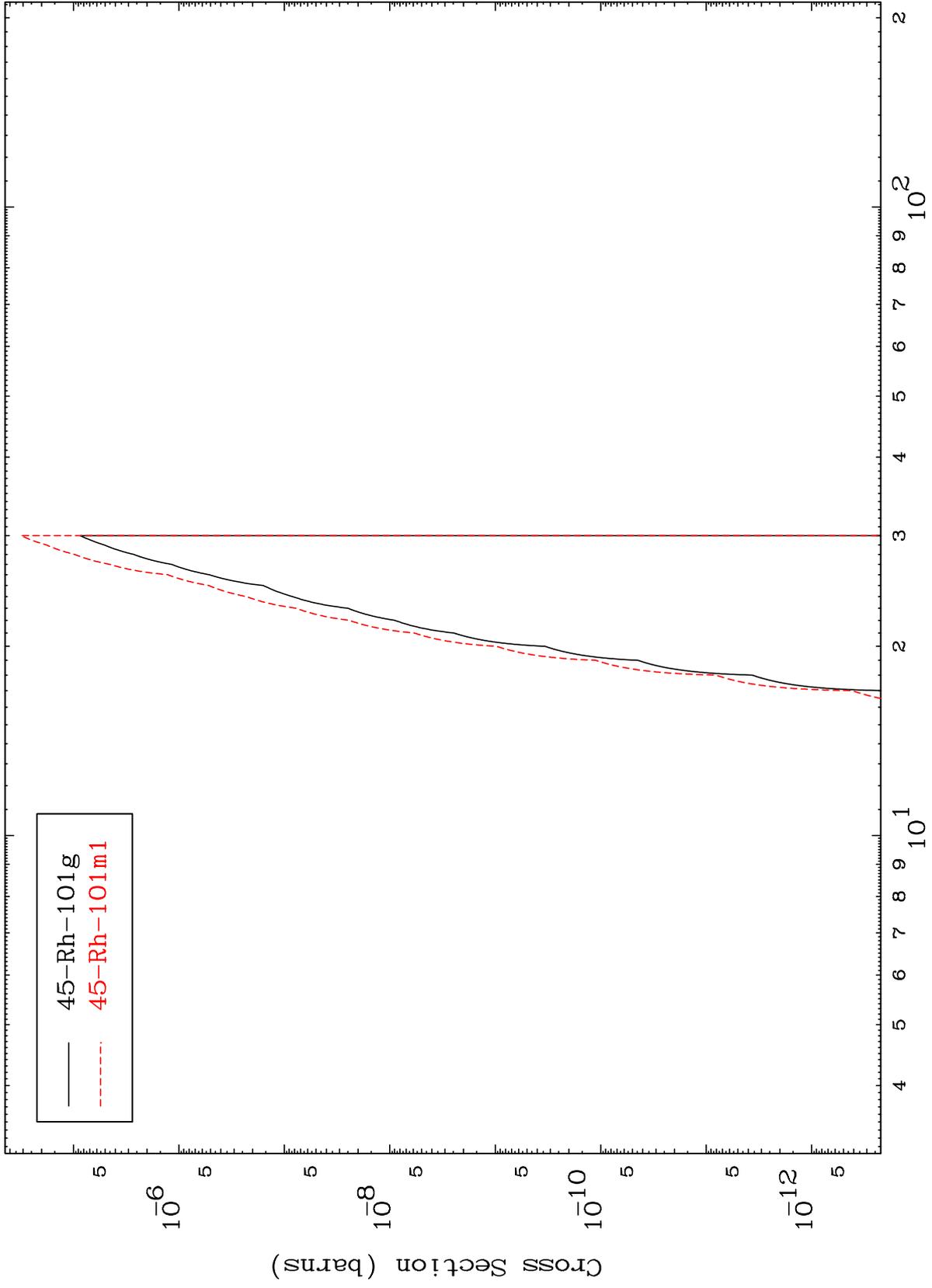
49-In-109

MAT 4914

(n,n') 2 α

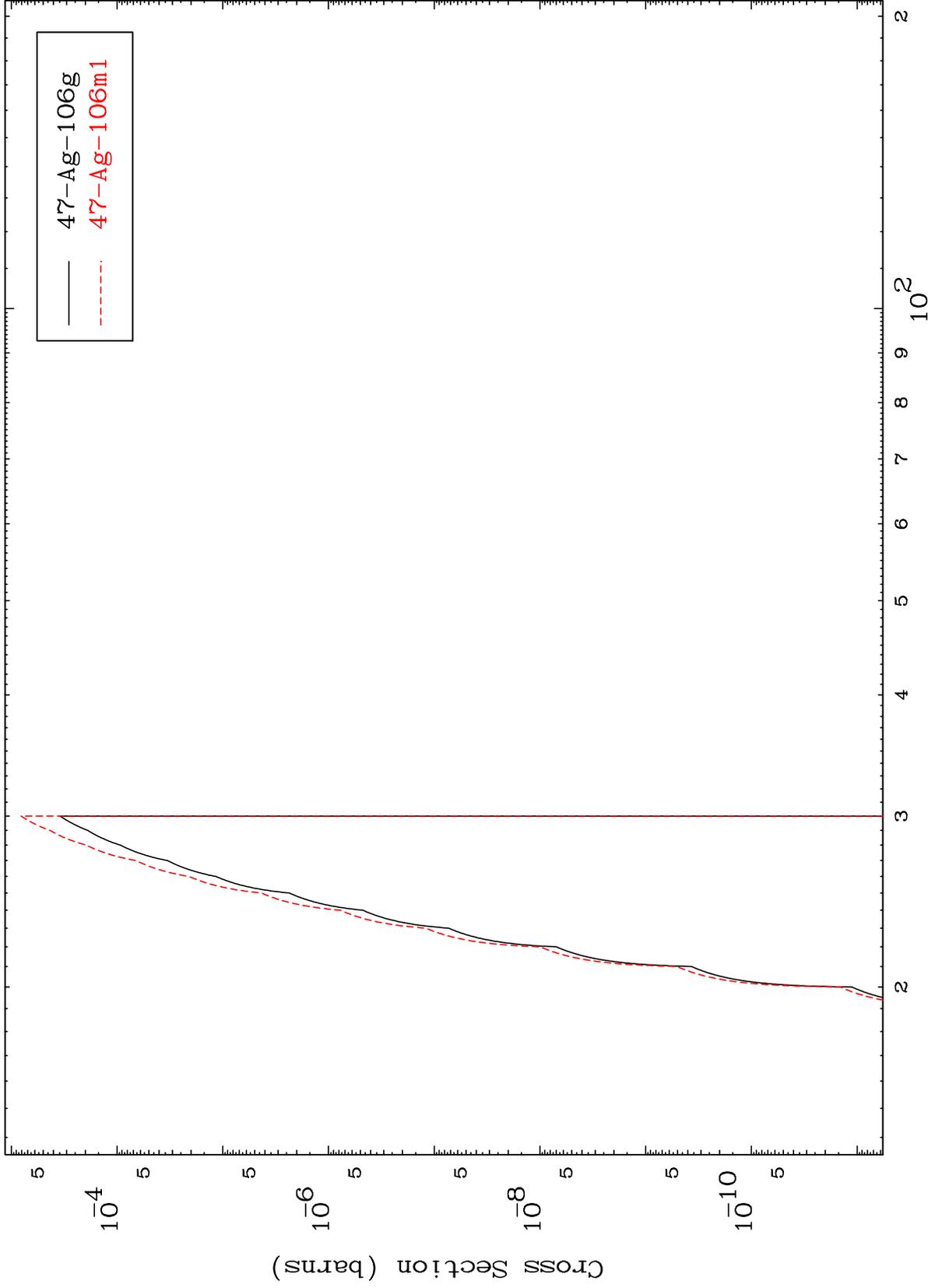
49-In-109

Radionuclide Production Cross Section



— 45-Rh-101g
- - - 45-Rh-101m1

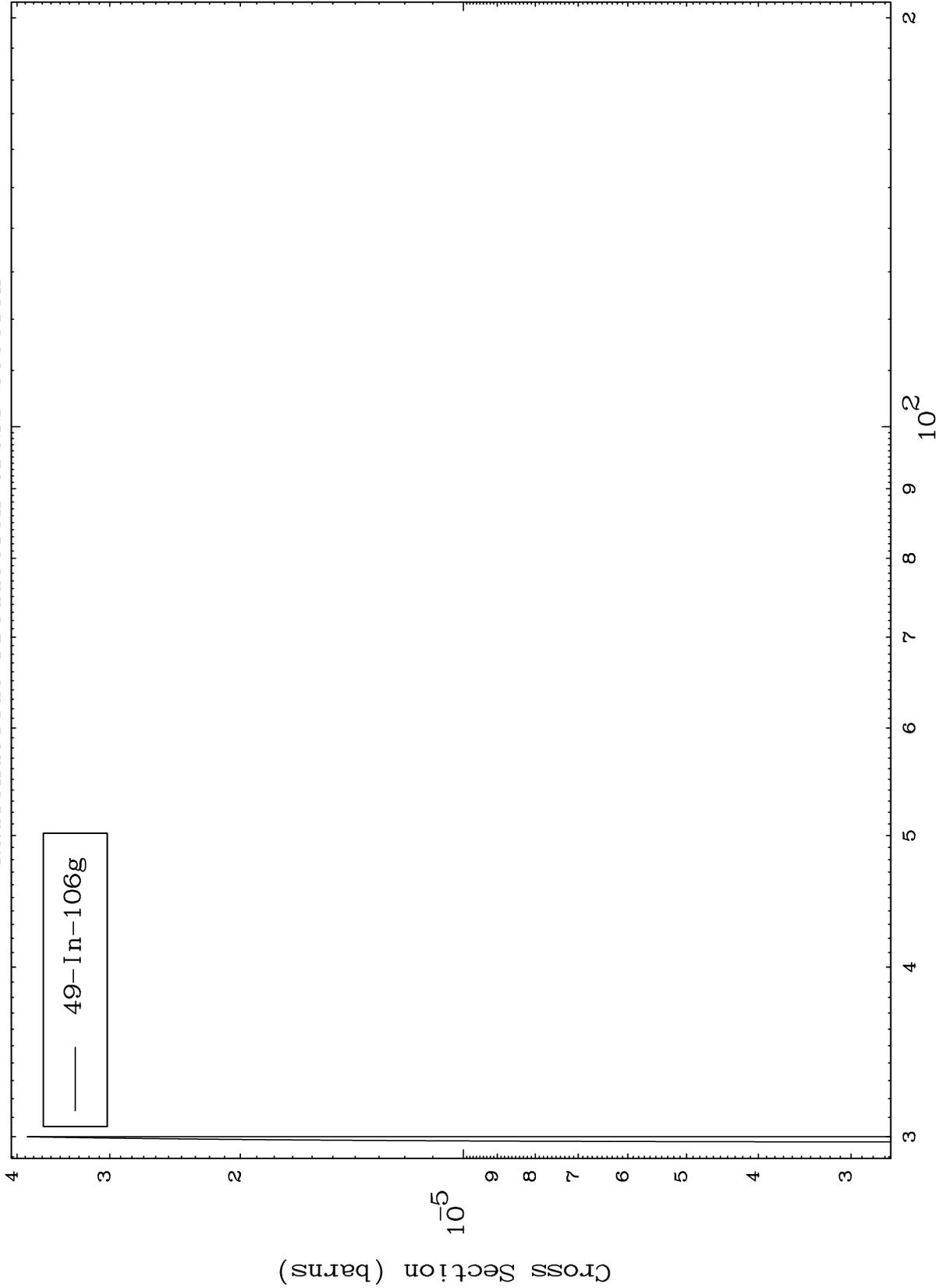
Radionuclide Production Cross Section



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49-In-109

(n,4n)
Radionuclide Production Cross Section



49-In-109

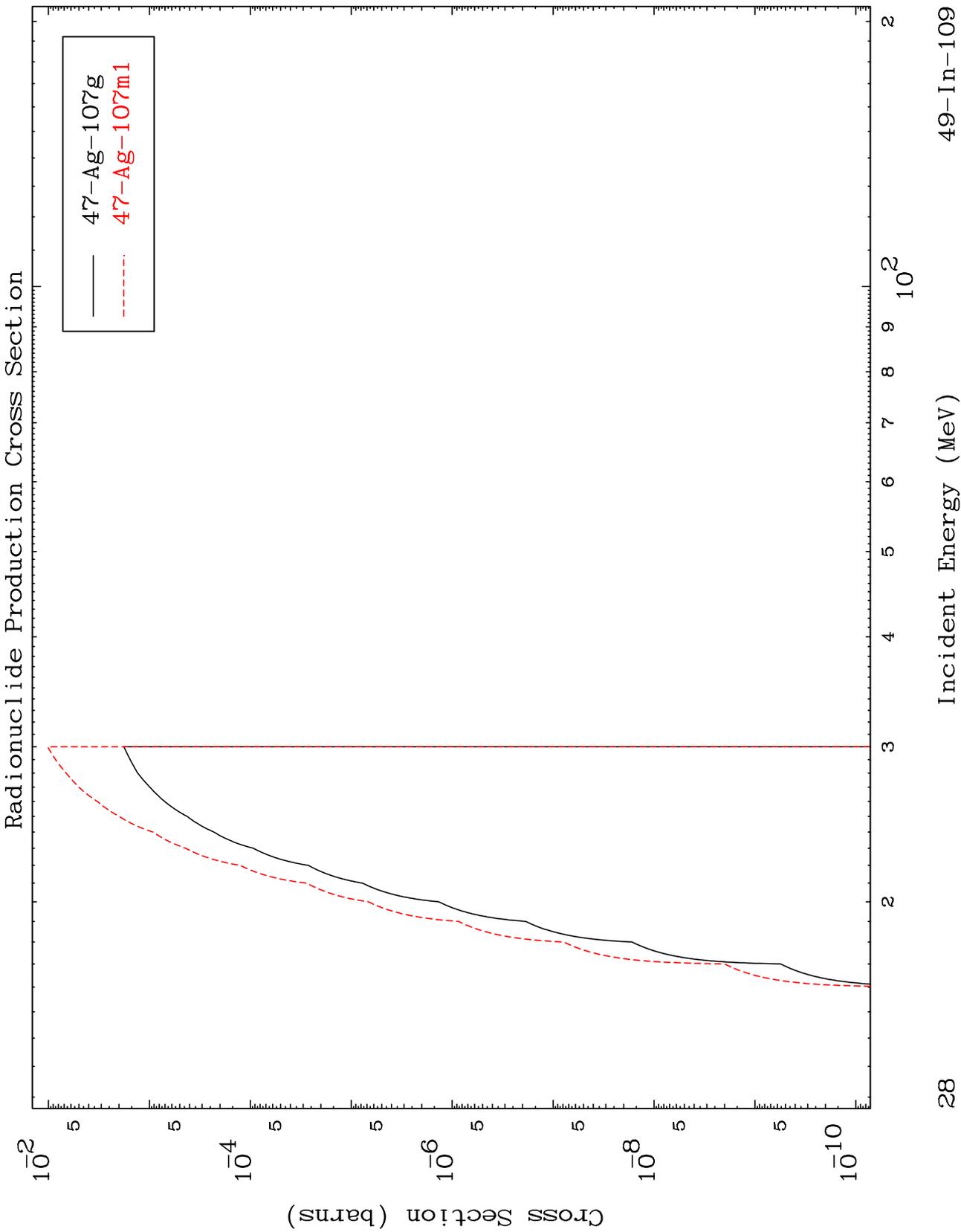
Incident Energy (MeV)

27

MAT 4914

(n,2n) p

49-In-109



28

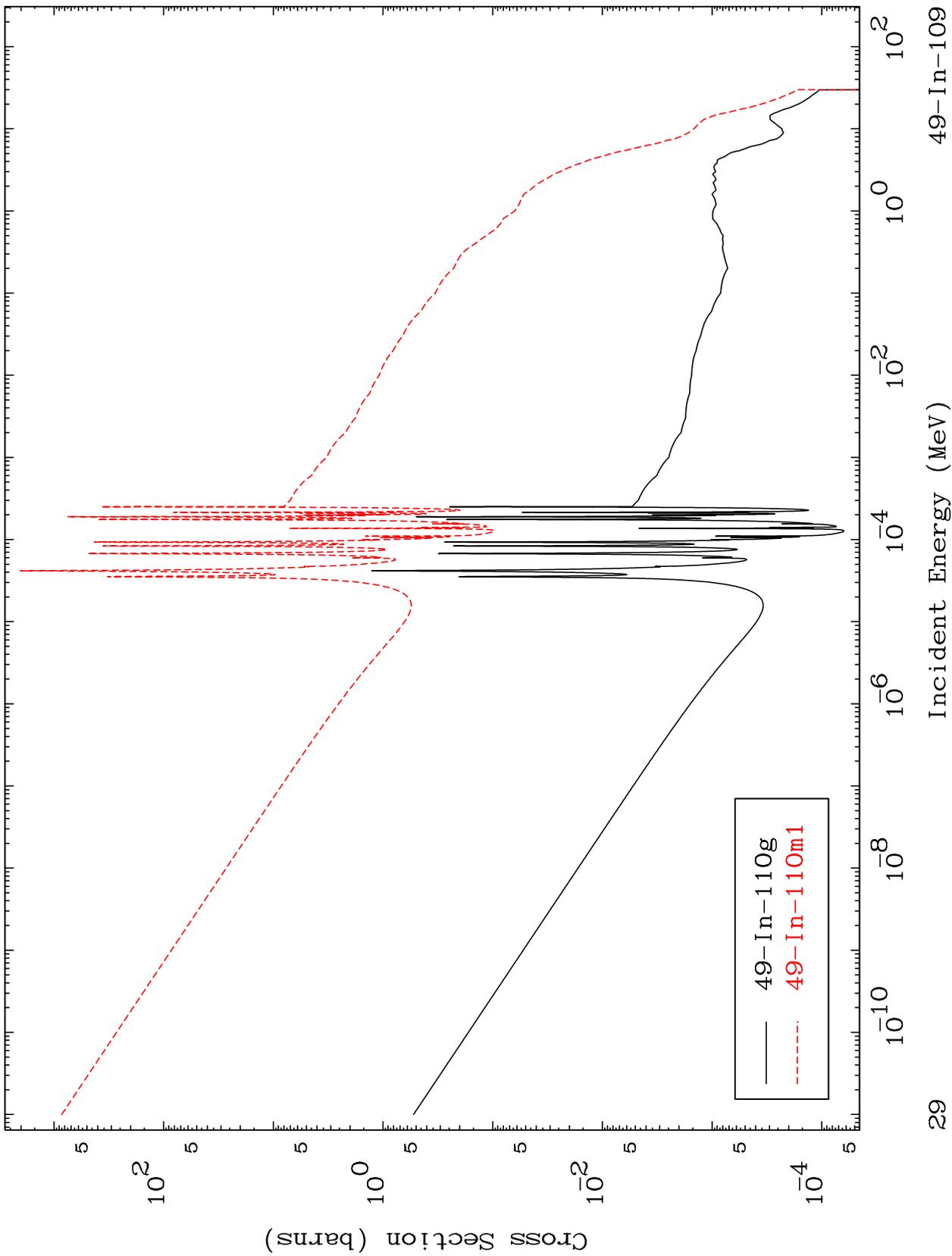
49-In-109

MAT 4914

49-In-109

Radionuclide Production Cross Section

(n, γ)

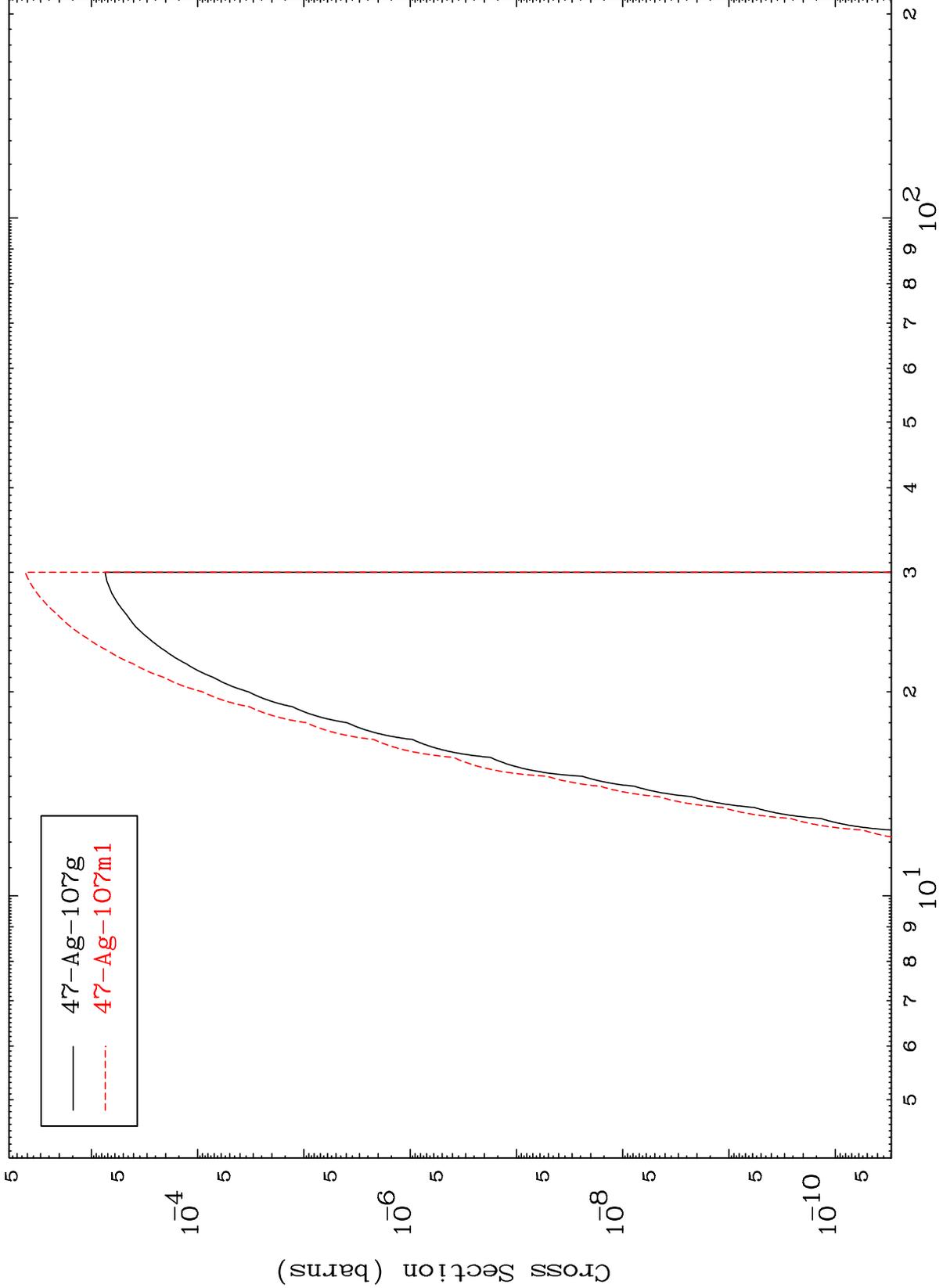


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(n,He-3)

49-In-109

Radionuclide Production Cross Section



30

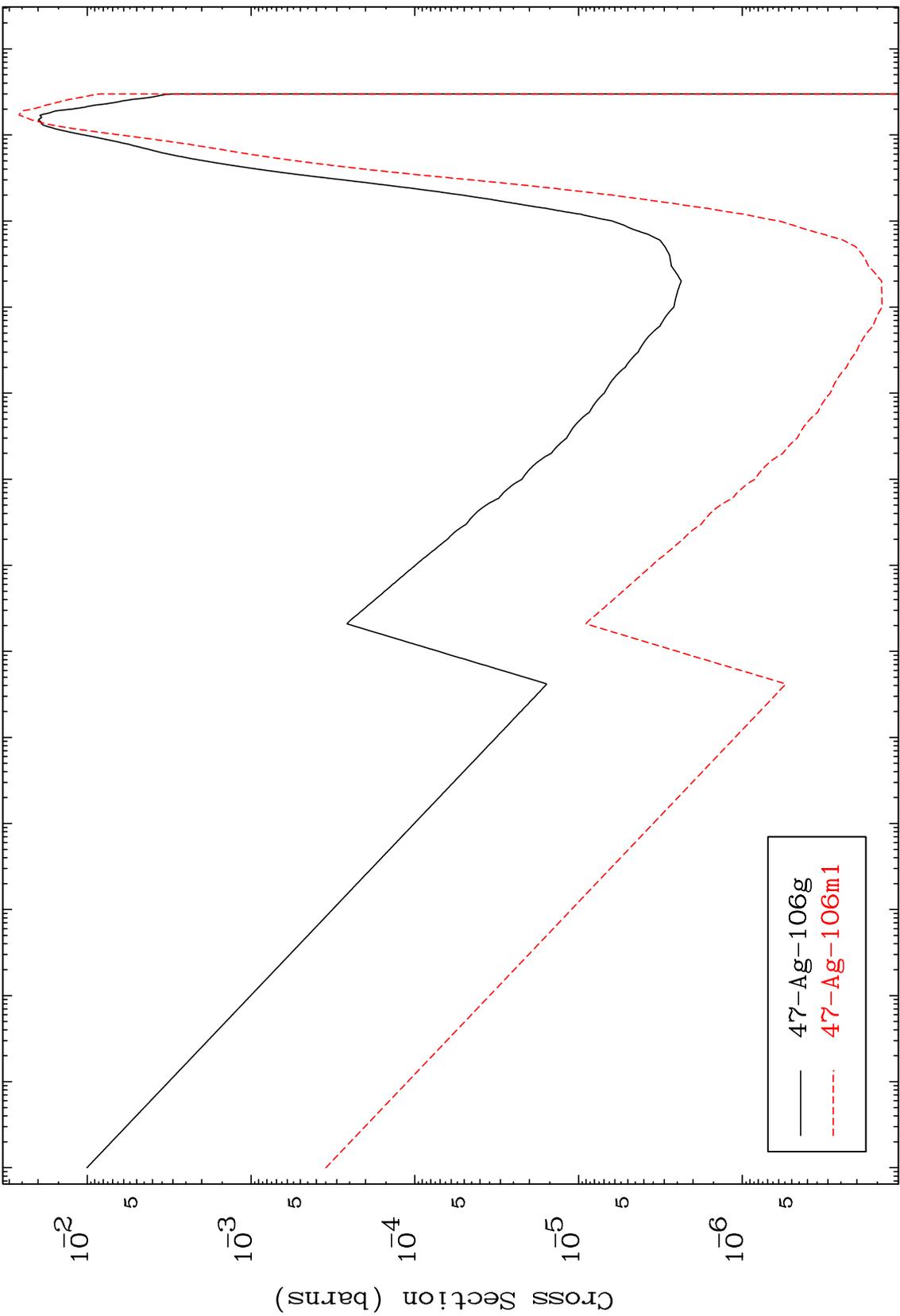
Incident Energy (MeV)

49-In-109

MAT 4914

49-In-109

Radionuclide Production Cross Section

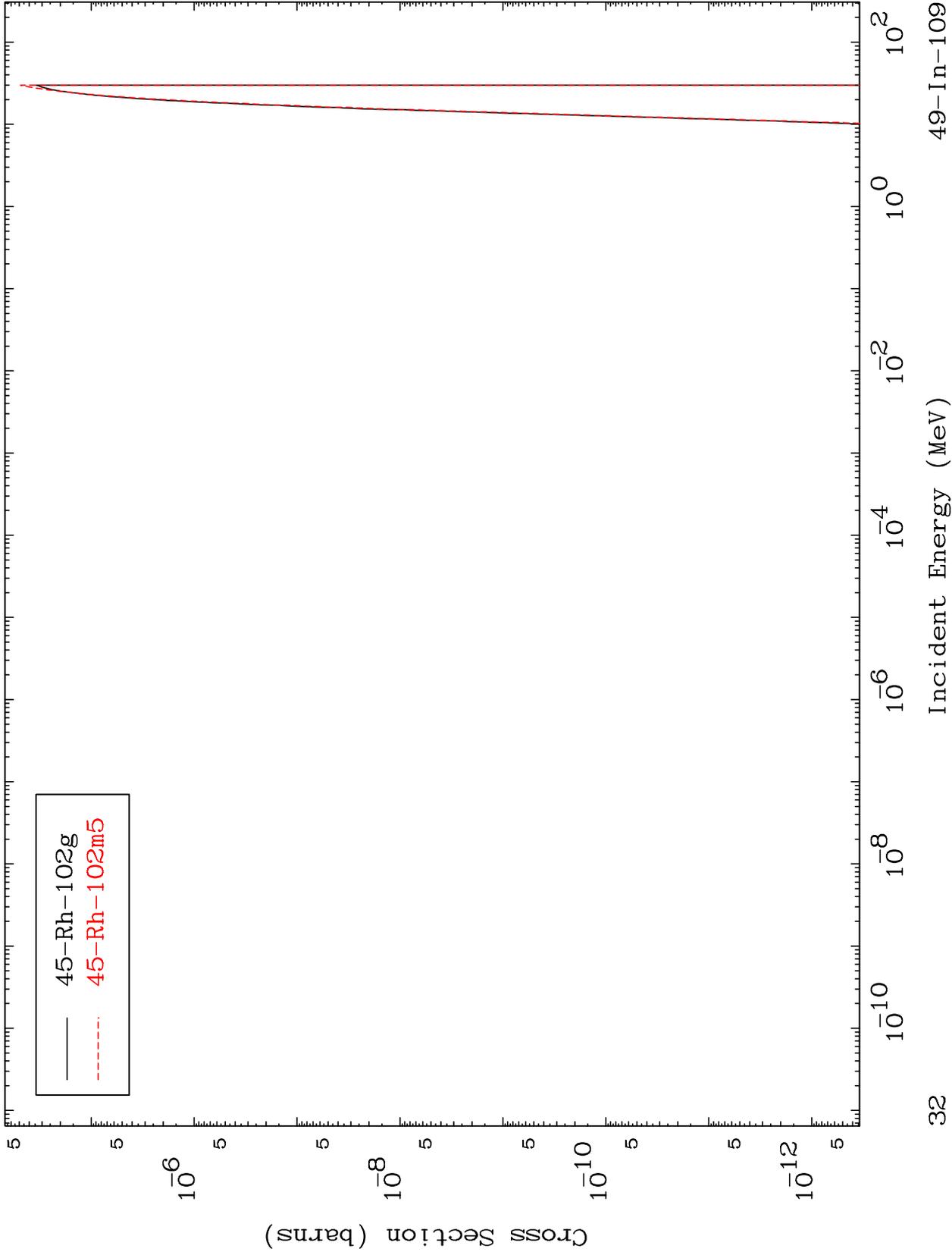


MAT 4914

(n,2α)

49-In-109

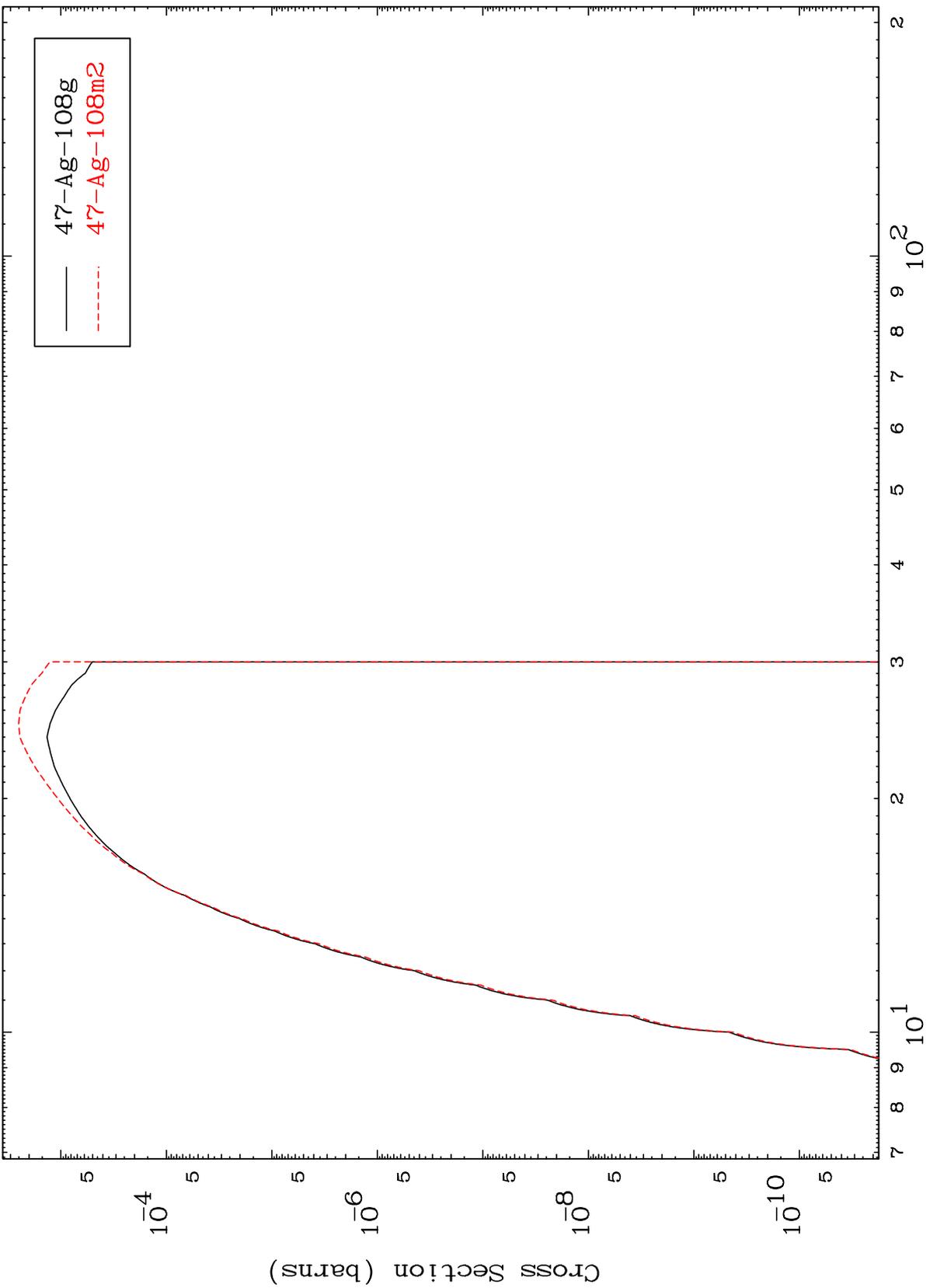
Radionuclide Production Cross Section



MAT 4914

49-In-109

(n,2p)
Radionuclide Production Cross Section



33

Incident Energy (MeV)

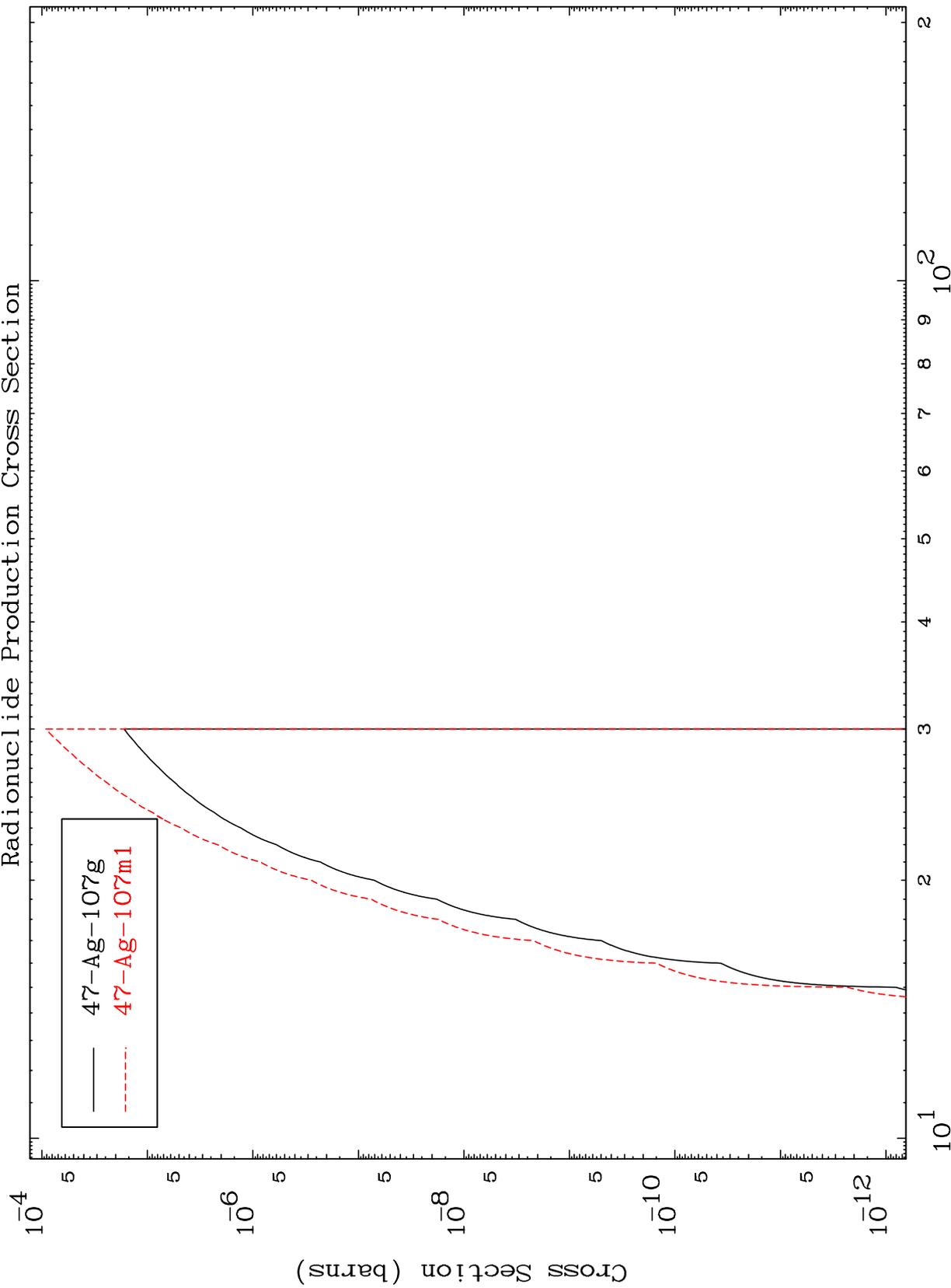
49-In-109

MAT 4914

(n,p) d

49-In-109

Radionuclide Production Cross Section



47-Ag-107g
47-Ag-107m1

Incident Energy (MeV)

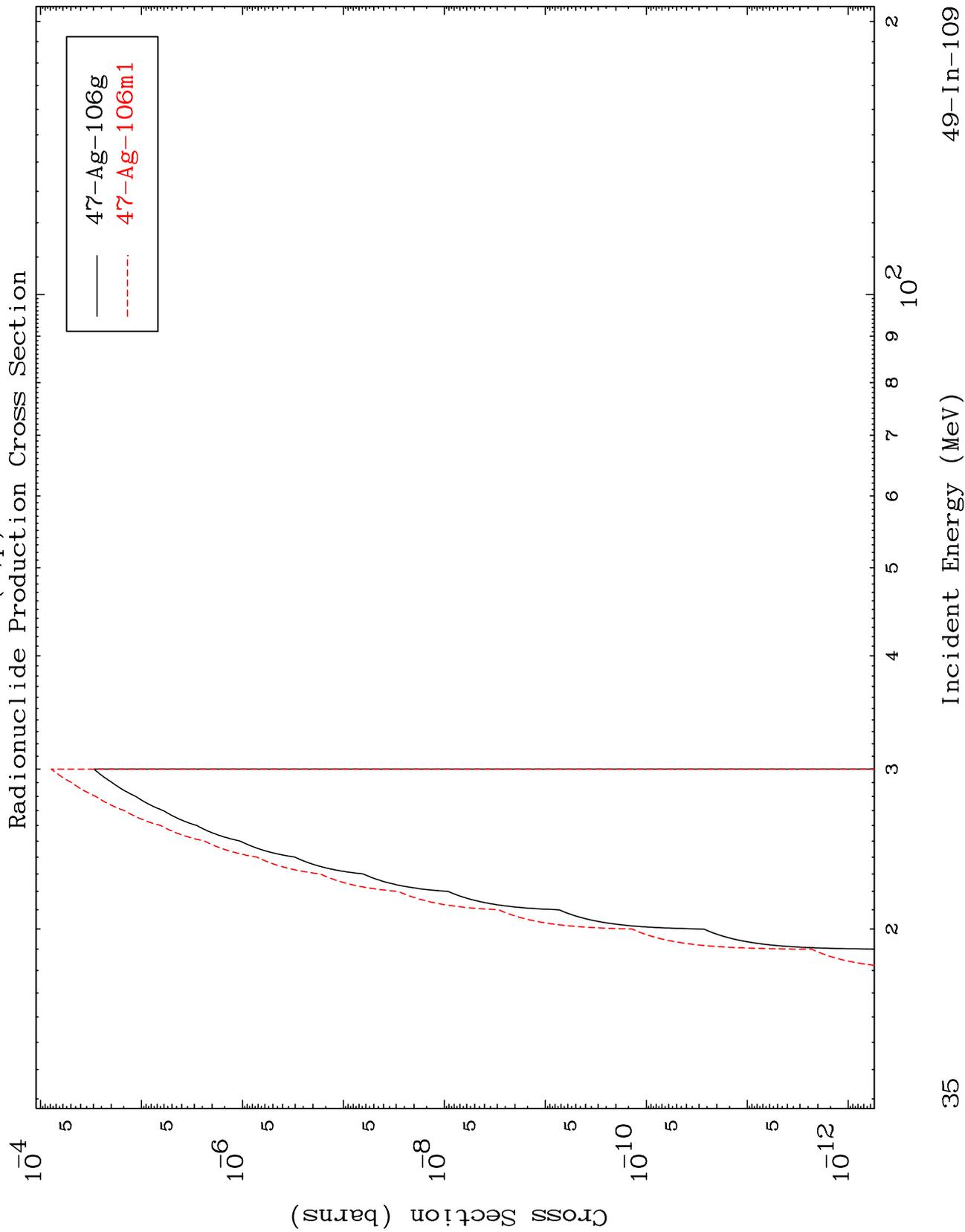
49-In-109

34

MAT 4914

(n,p) t

49-In-109



35

49-In-109