

Program EVALPLOT
(Version 2021-1)

by

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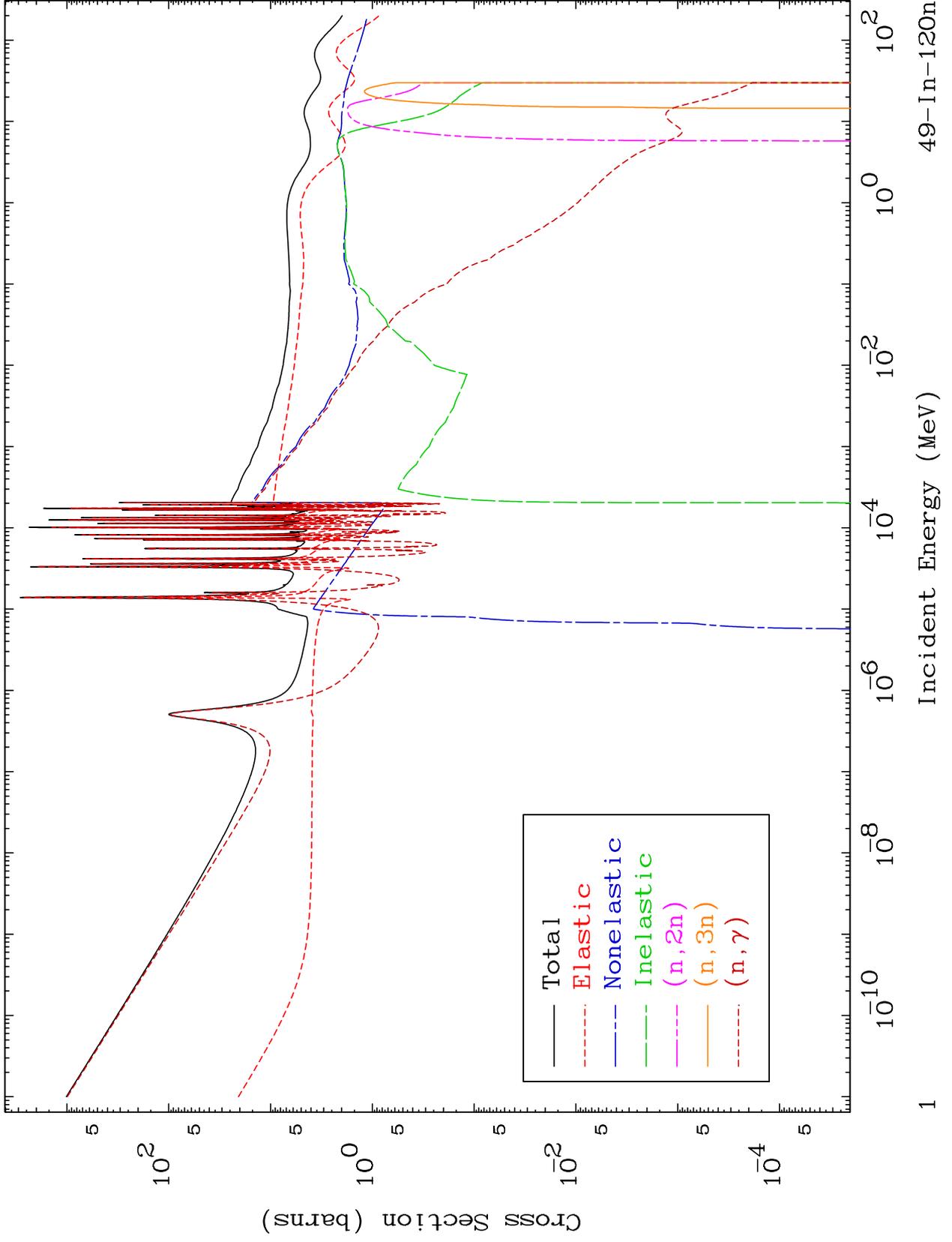
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Press Mouse Button to Start

MAT 4948

Neutron Major
293 Kelvin Cross Sections

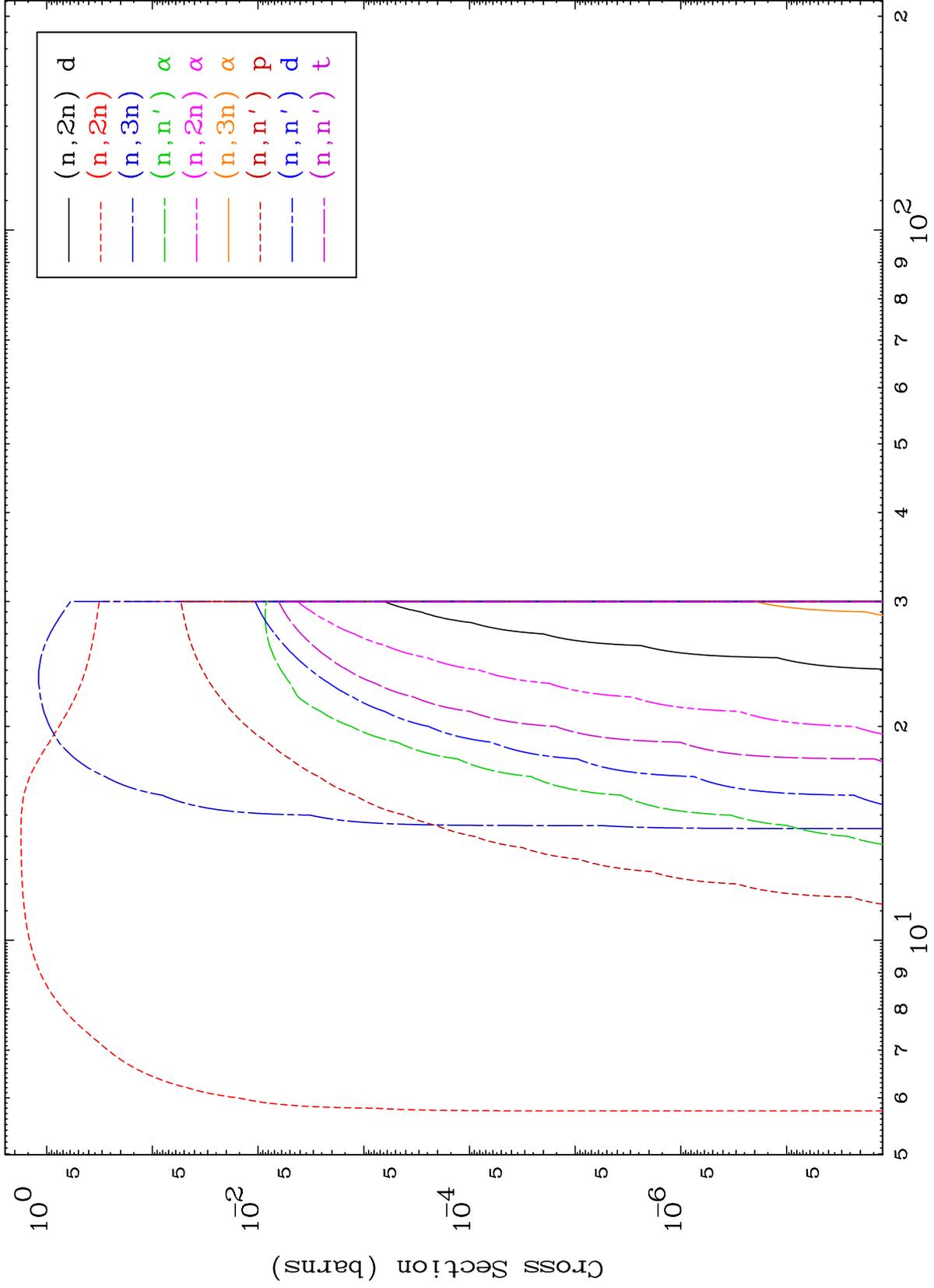
49-In-120n



MAT 4948

Neutron Absorption
293 Kelvin Cross Sections

49-In-120n



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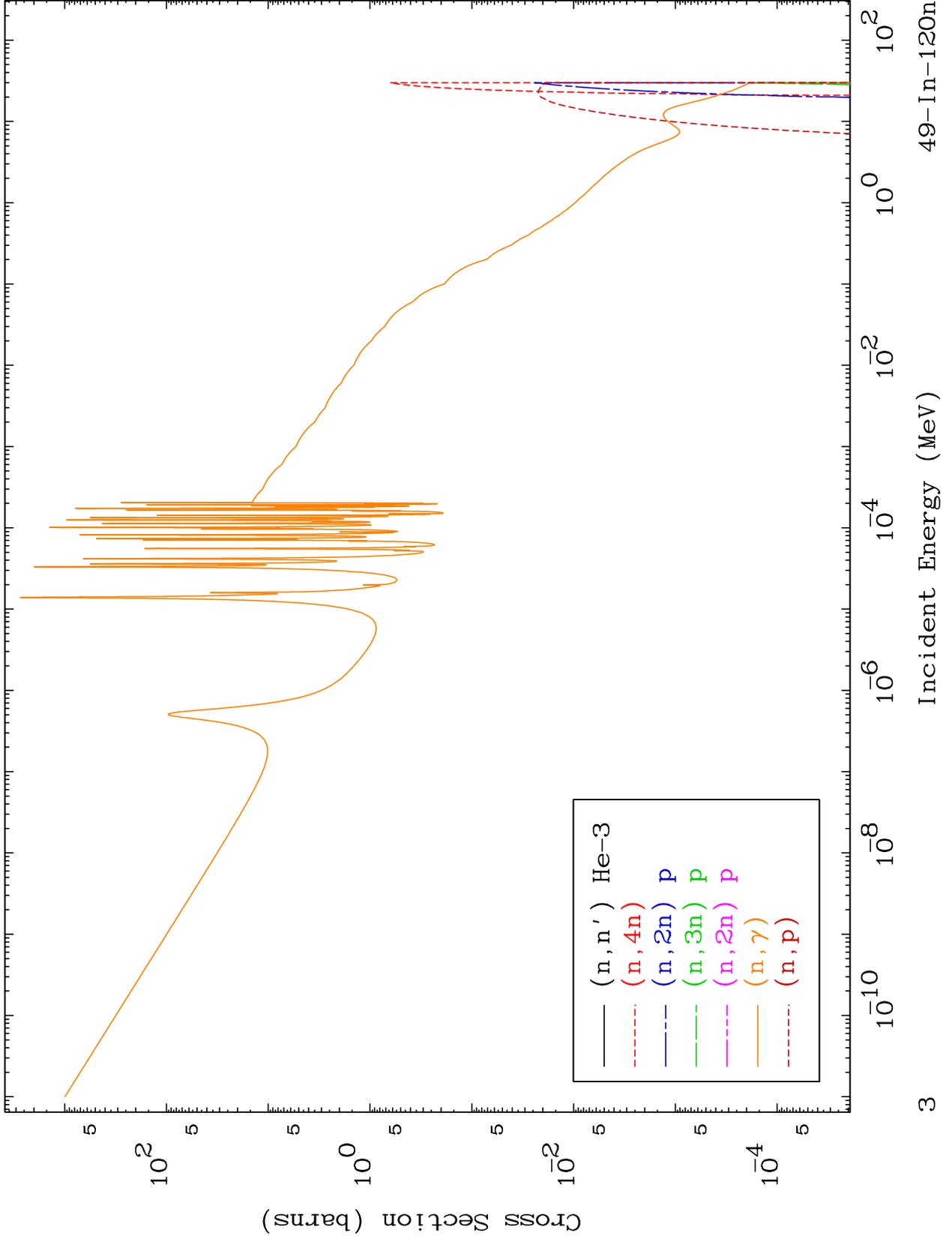
Incident Energy (MeV)

49-In-120n

MAT 4948

Neutron Absorption
293 Kelvin Cross Sections

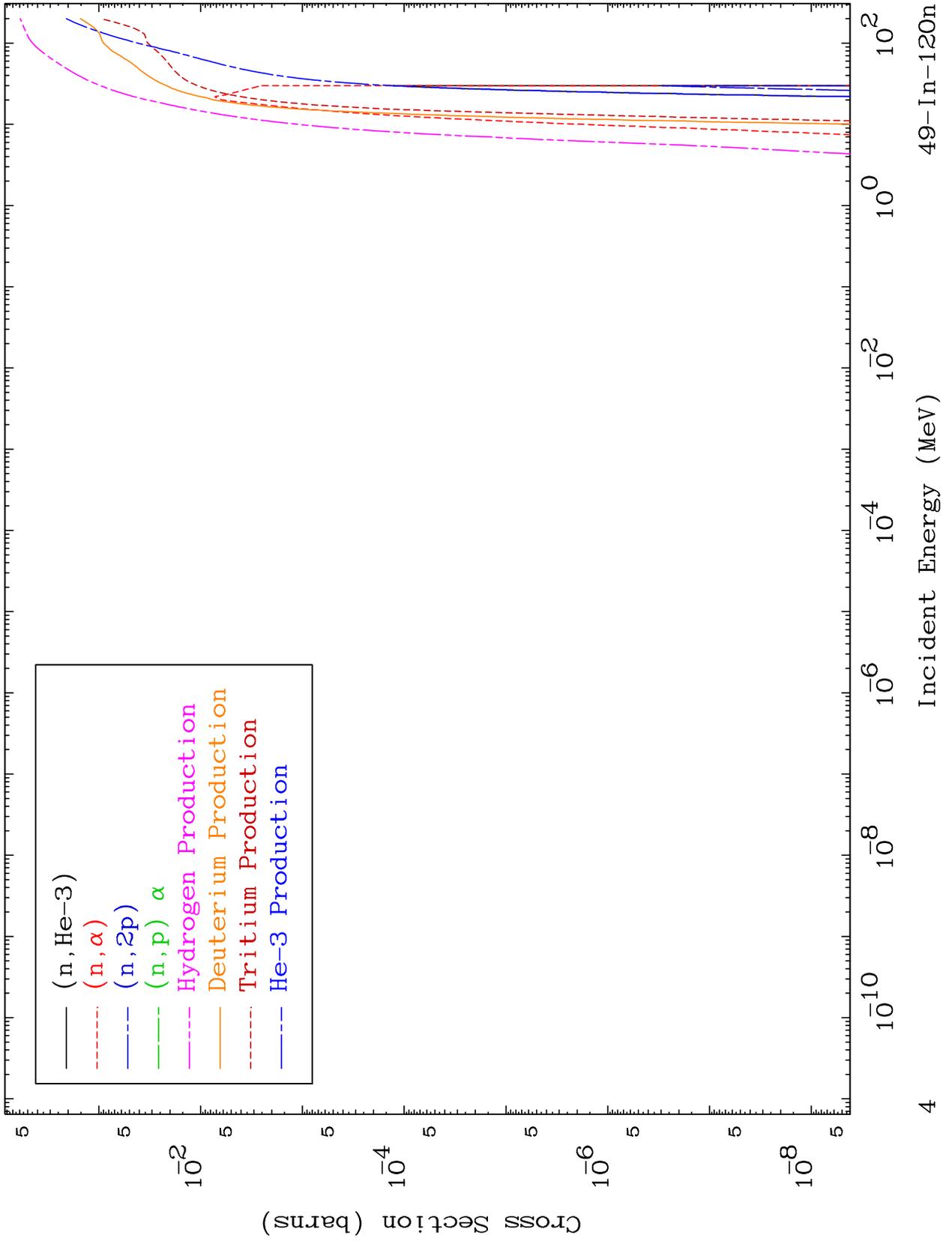
49-In-120n



MAT 4948

Neutron Absorption
293 Kelvin Cross Sections

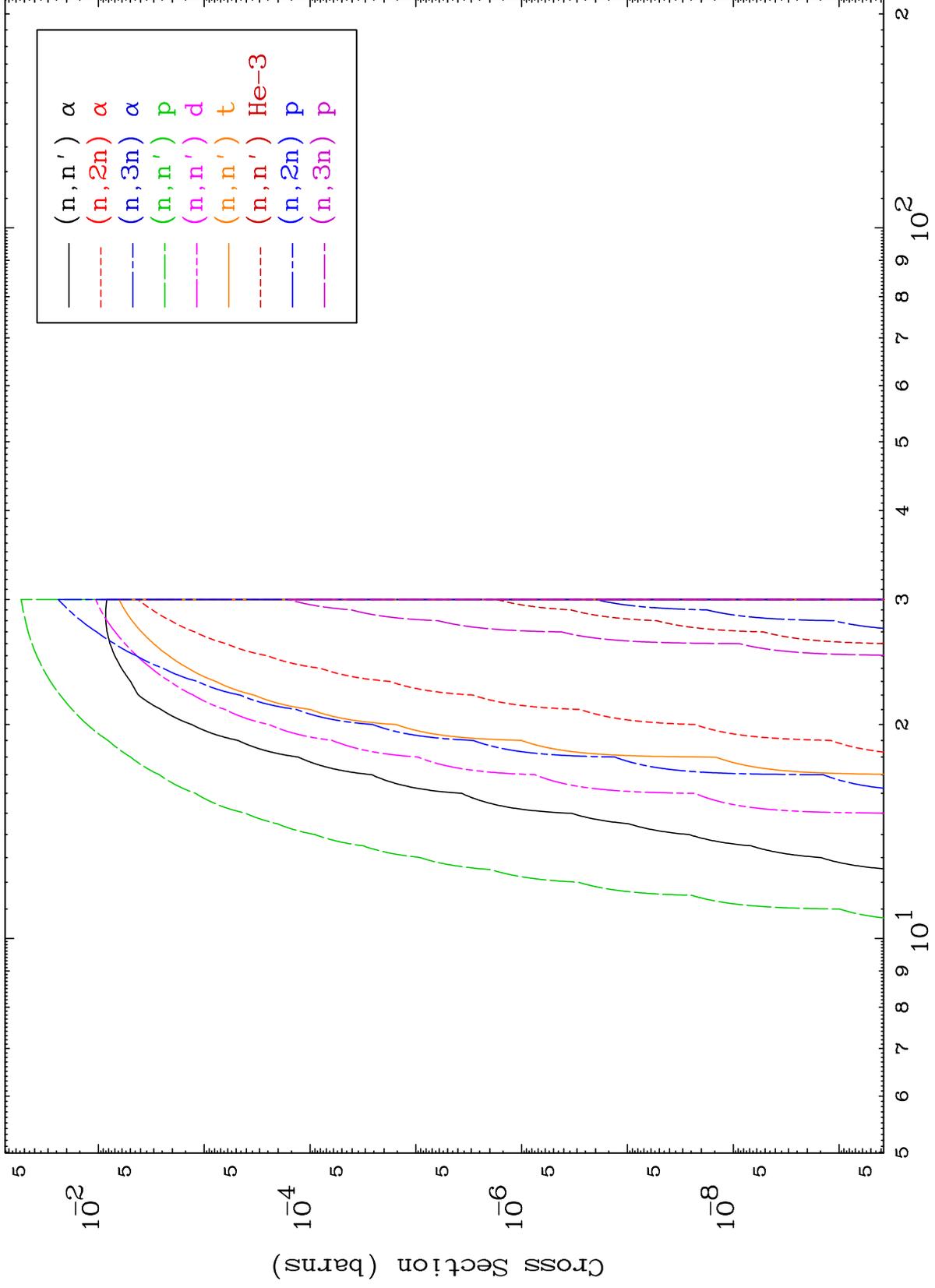
49-In-120n



MAT 4948

Charged Particle
293 Kelvin Cross Sections

49-In-120n



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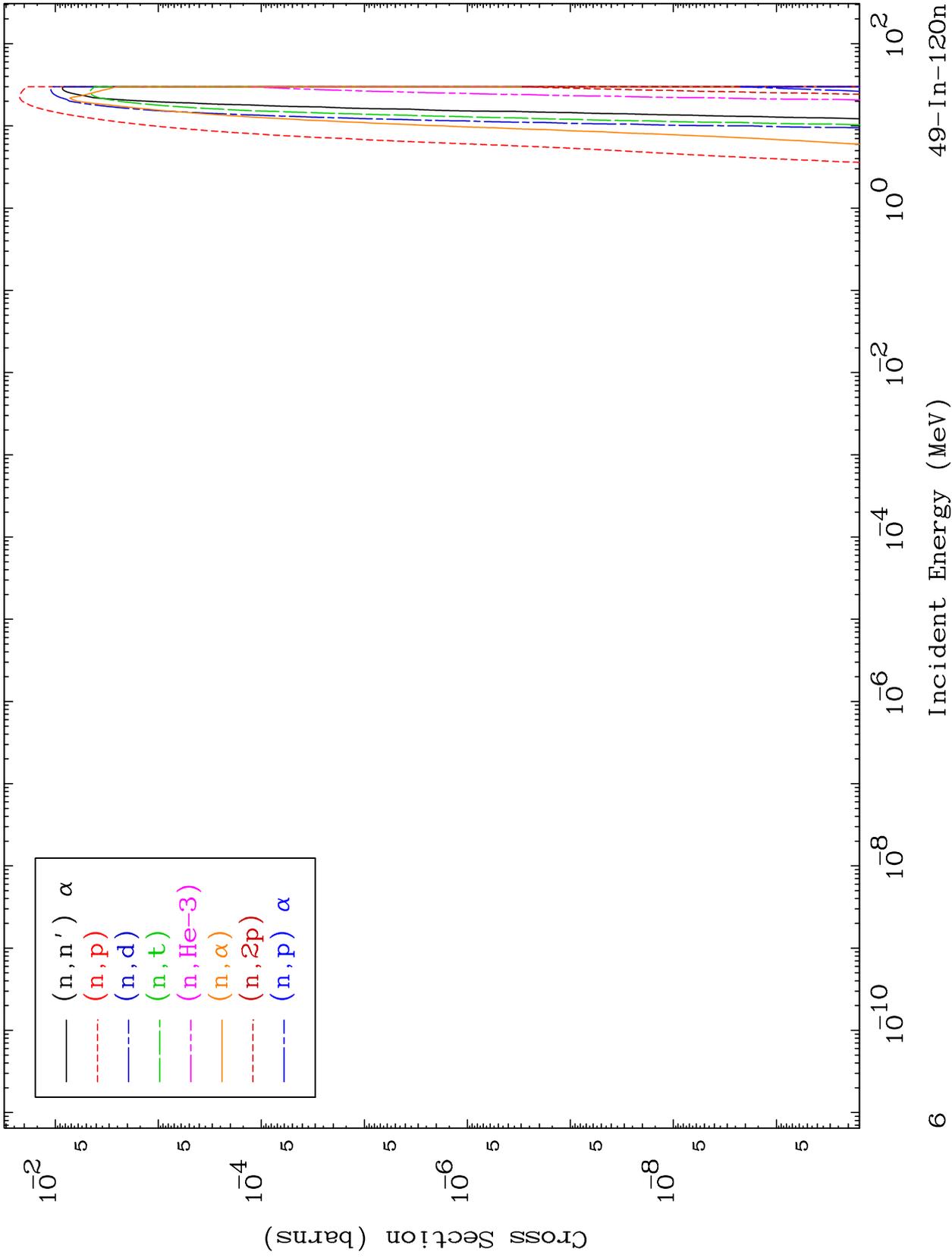
Incident Energy (MeV)

49-In-120n

MAT 4948

Charged Particle
293 Kelvin Cross Sections

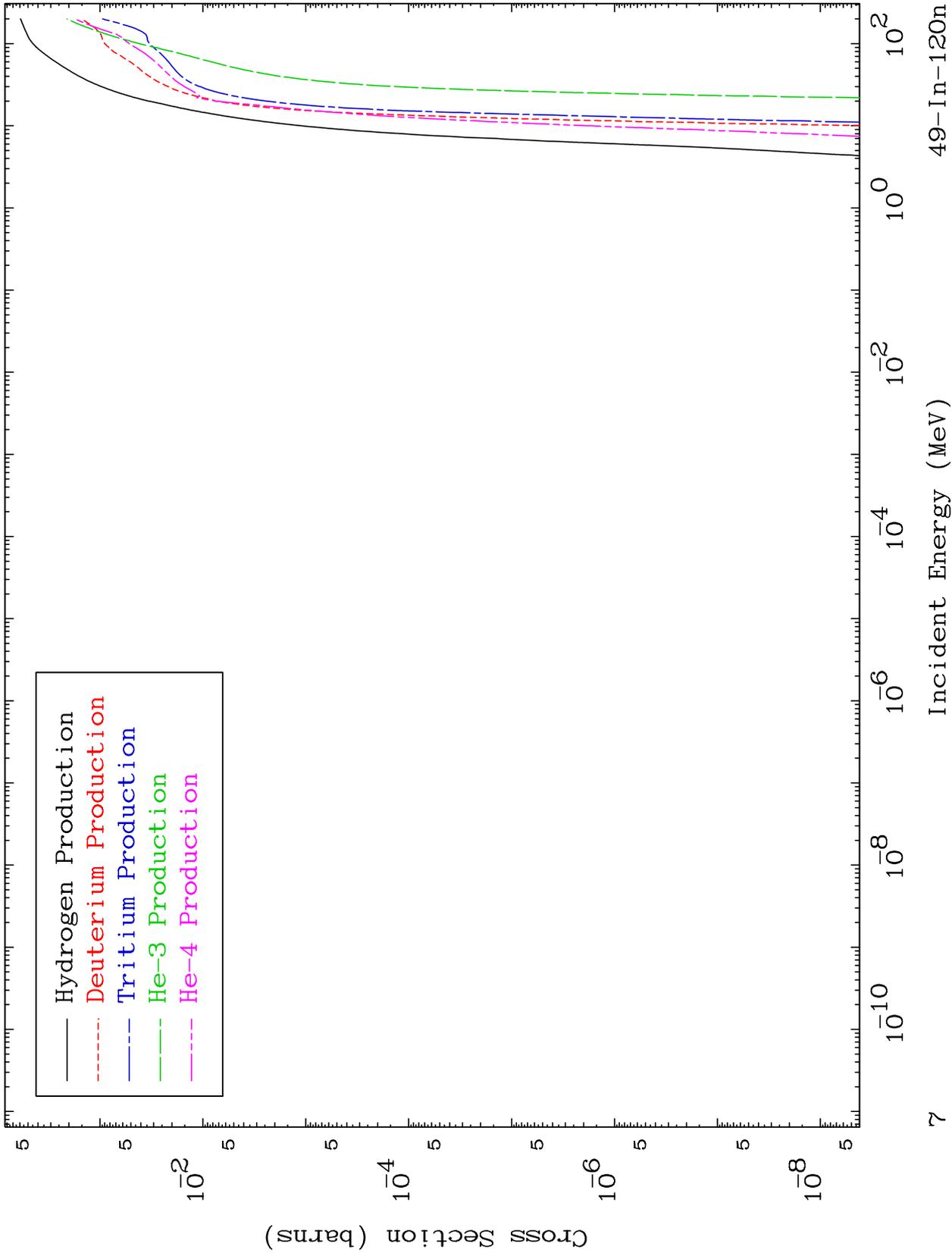
49-In-120n



MAT 4948

Particle Production
293 Kelvin Cross Sections

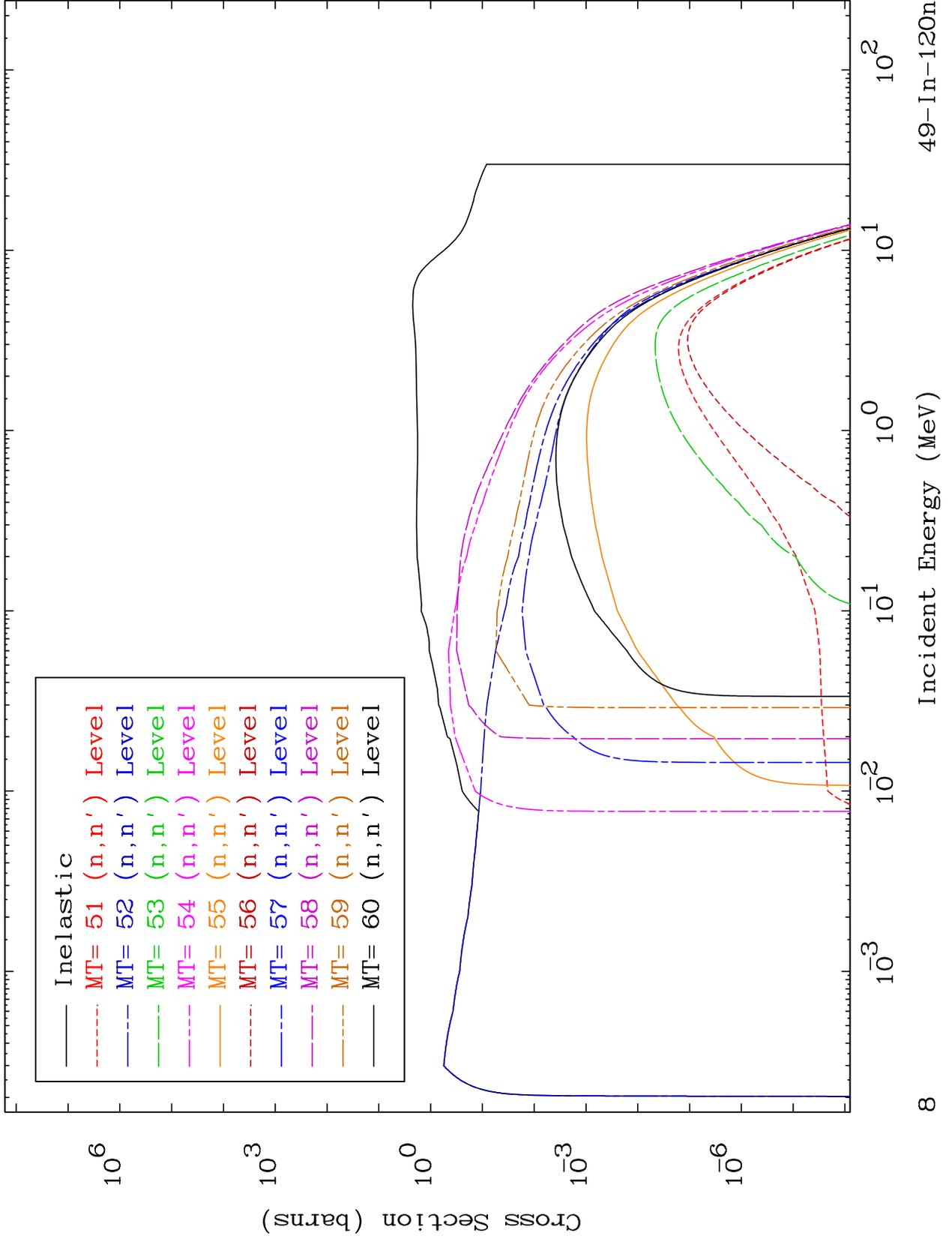
49-In-120n



MAT 4948

(n,n') Levels
293 Kelvin Cross Sections

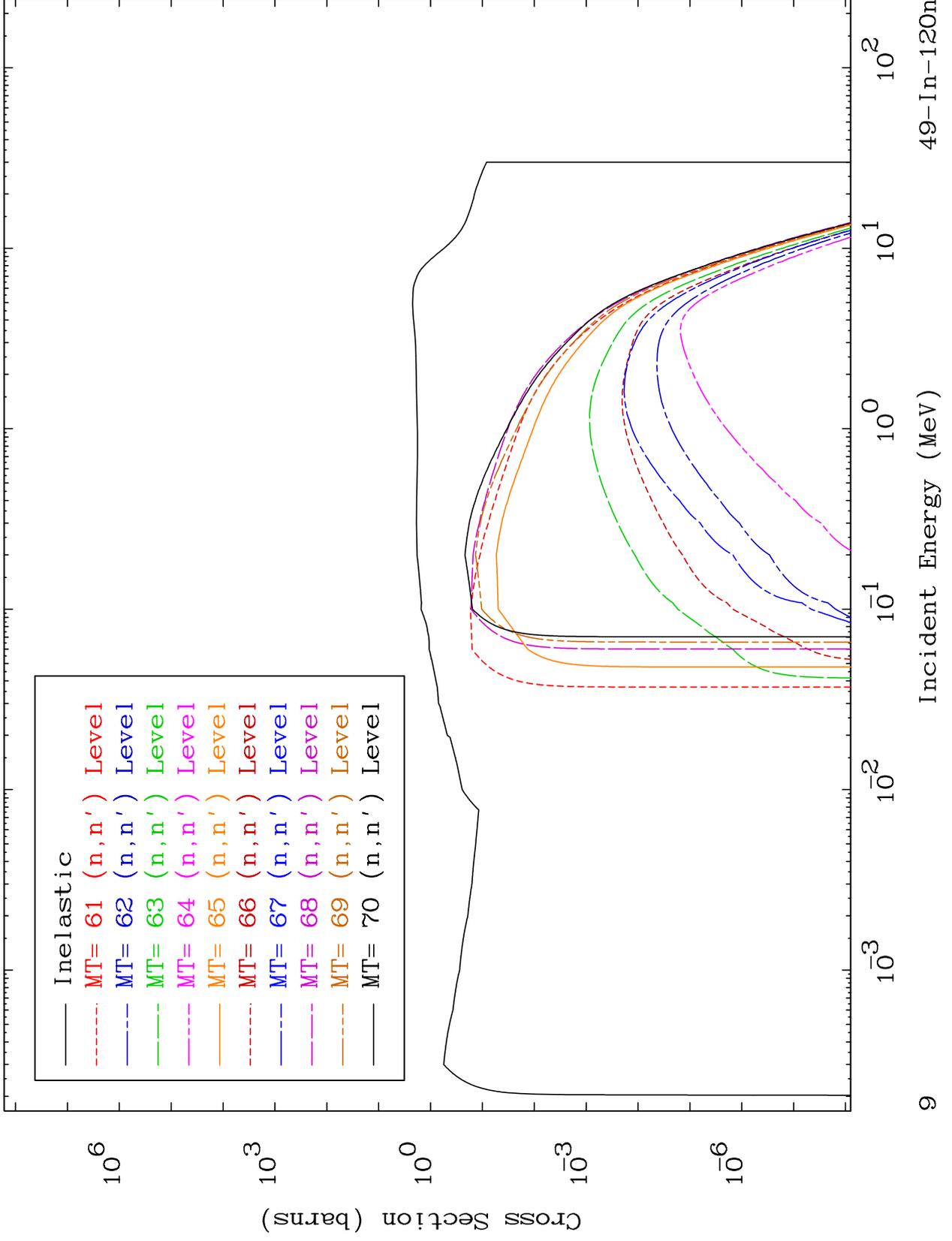
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MAT 4948

(n,n') Levels
293 Kelvin Cross Sections

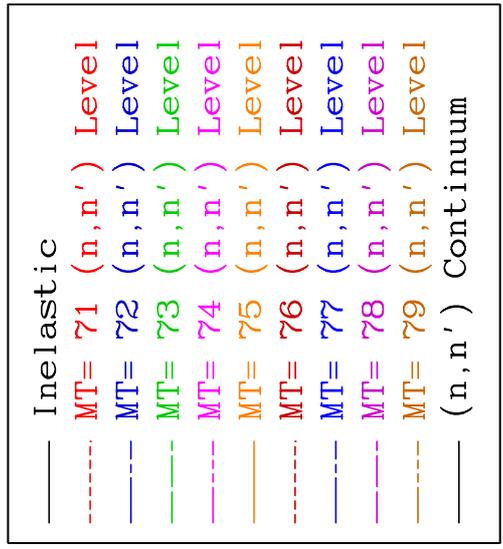
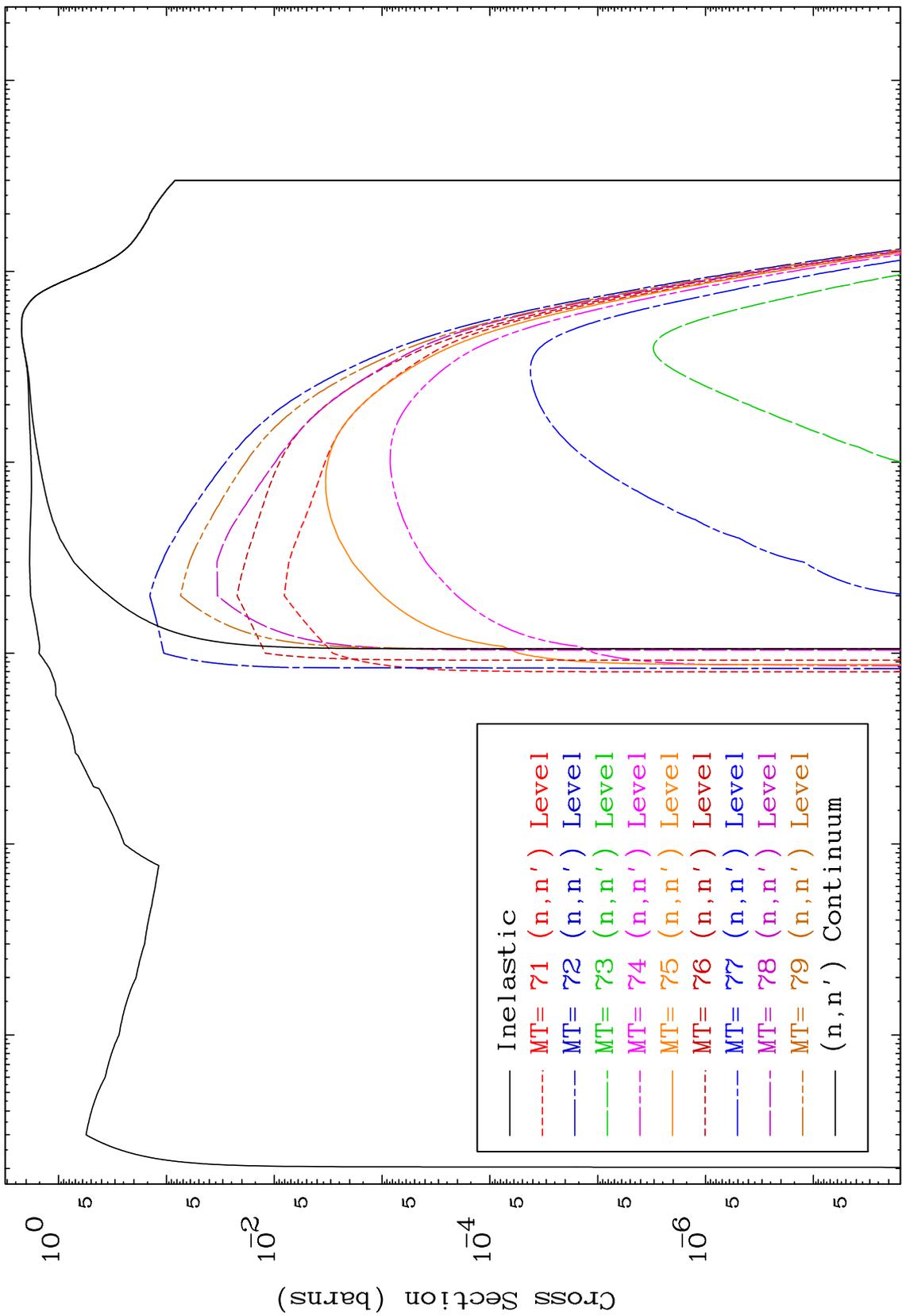
49-In-120n



MAT 4948

(n,n') Levels
293 Kelvin Cross Sections

49-In-120n



10

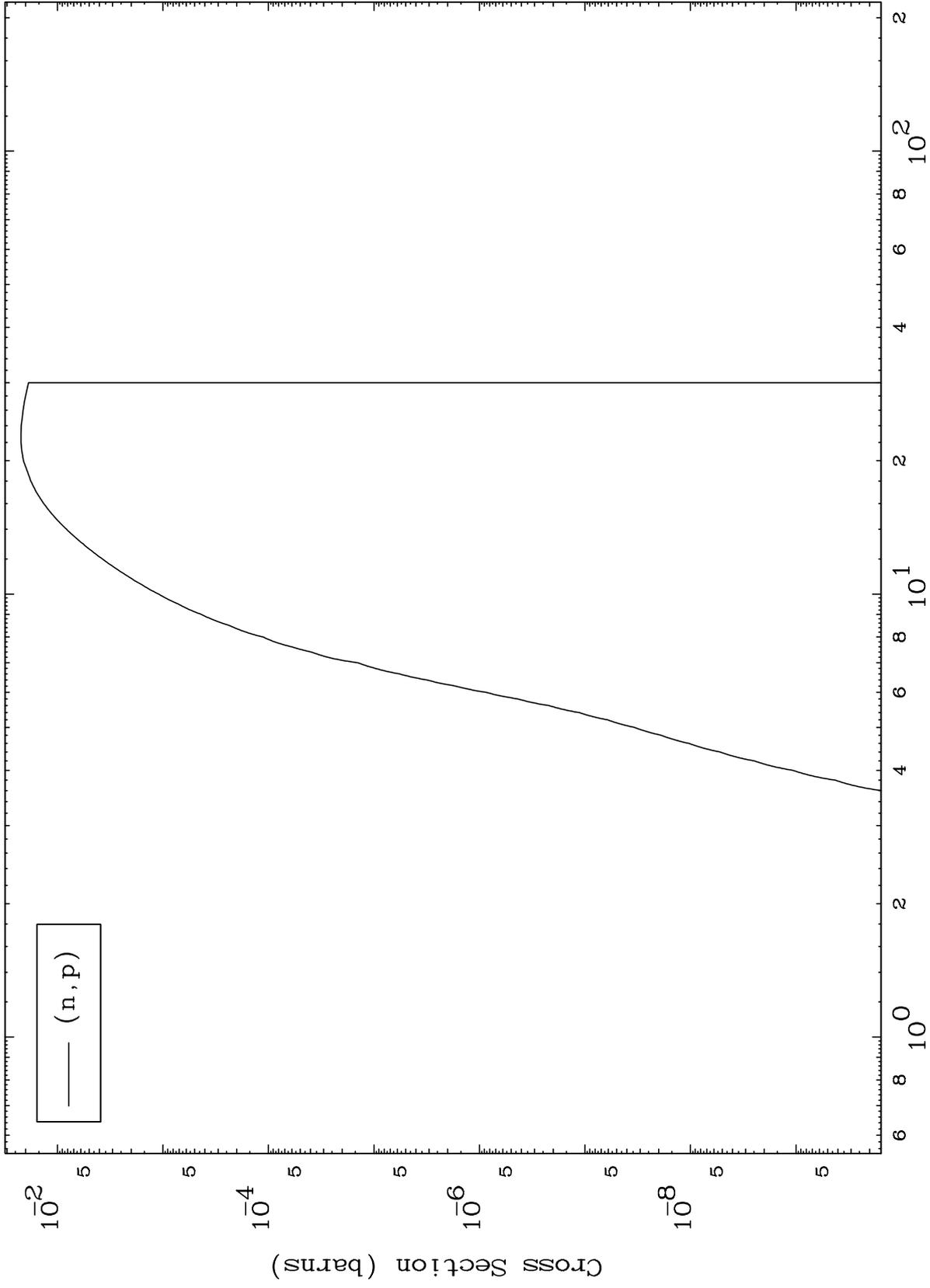
Incident Energy (MeV)

49-In-120n

MAT 4948

(n,p) Levels
293 Kelvin Cross Sections

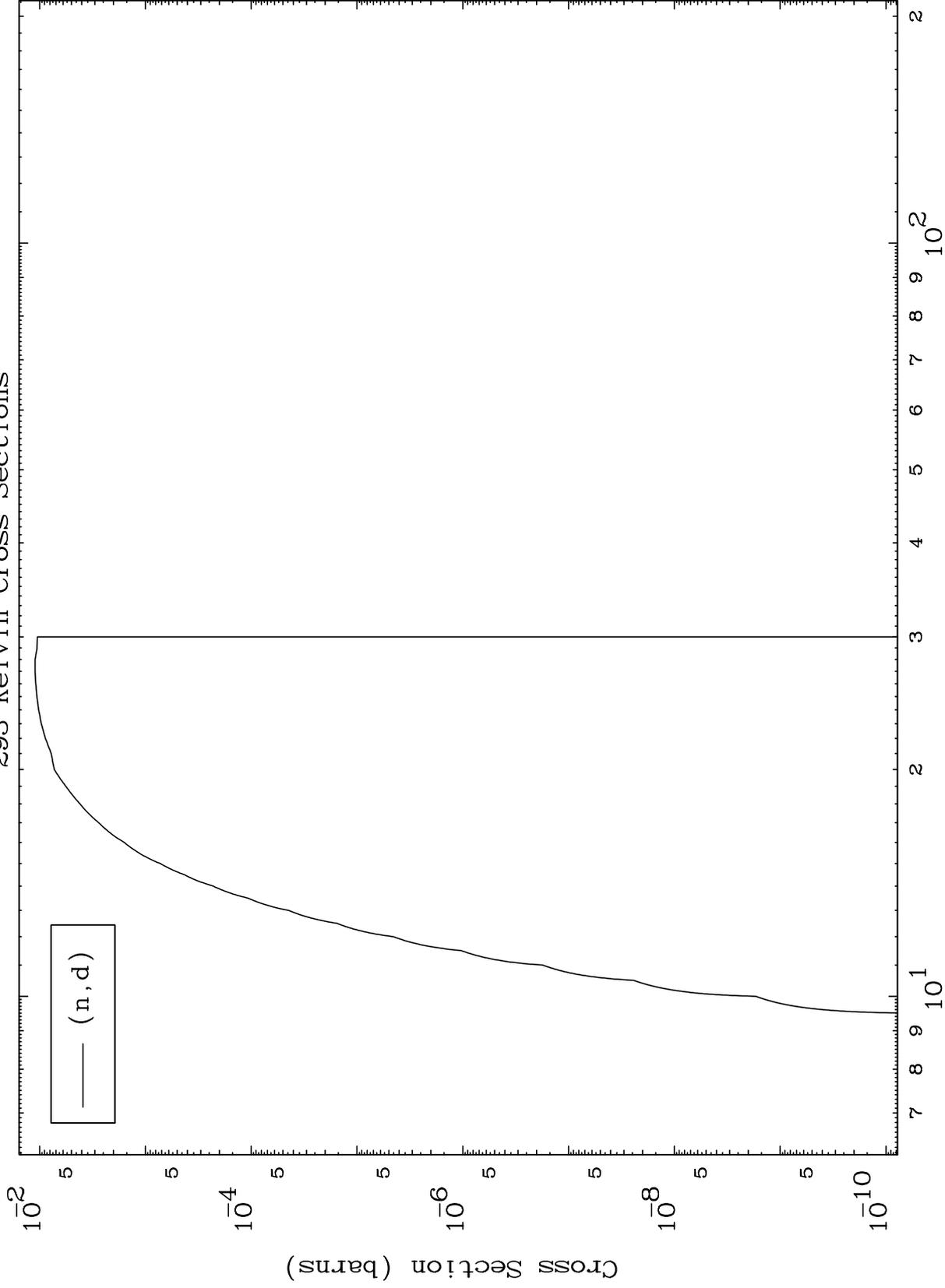
49-In-120n



MAT 4948

(n,d) Levels
293 Kelvin Cross Sections

49-In-120n



12

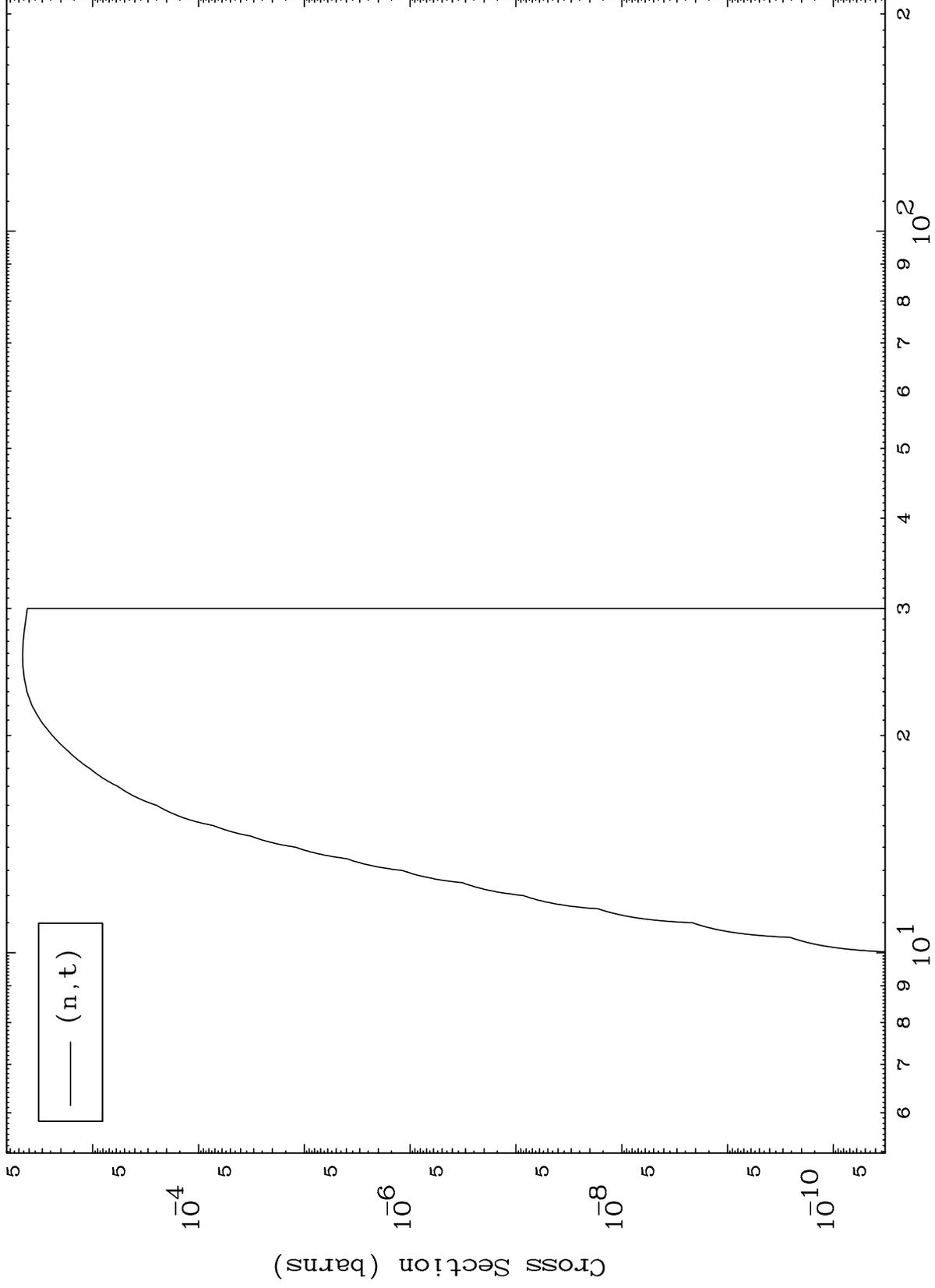
Incident Energy (MeV)

49-In-120n

MAT 4948

(n,t) Levels
293 Kelvin Cross Sections

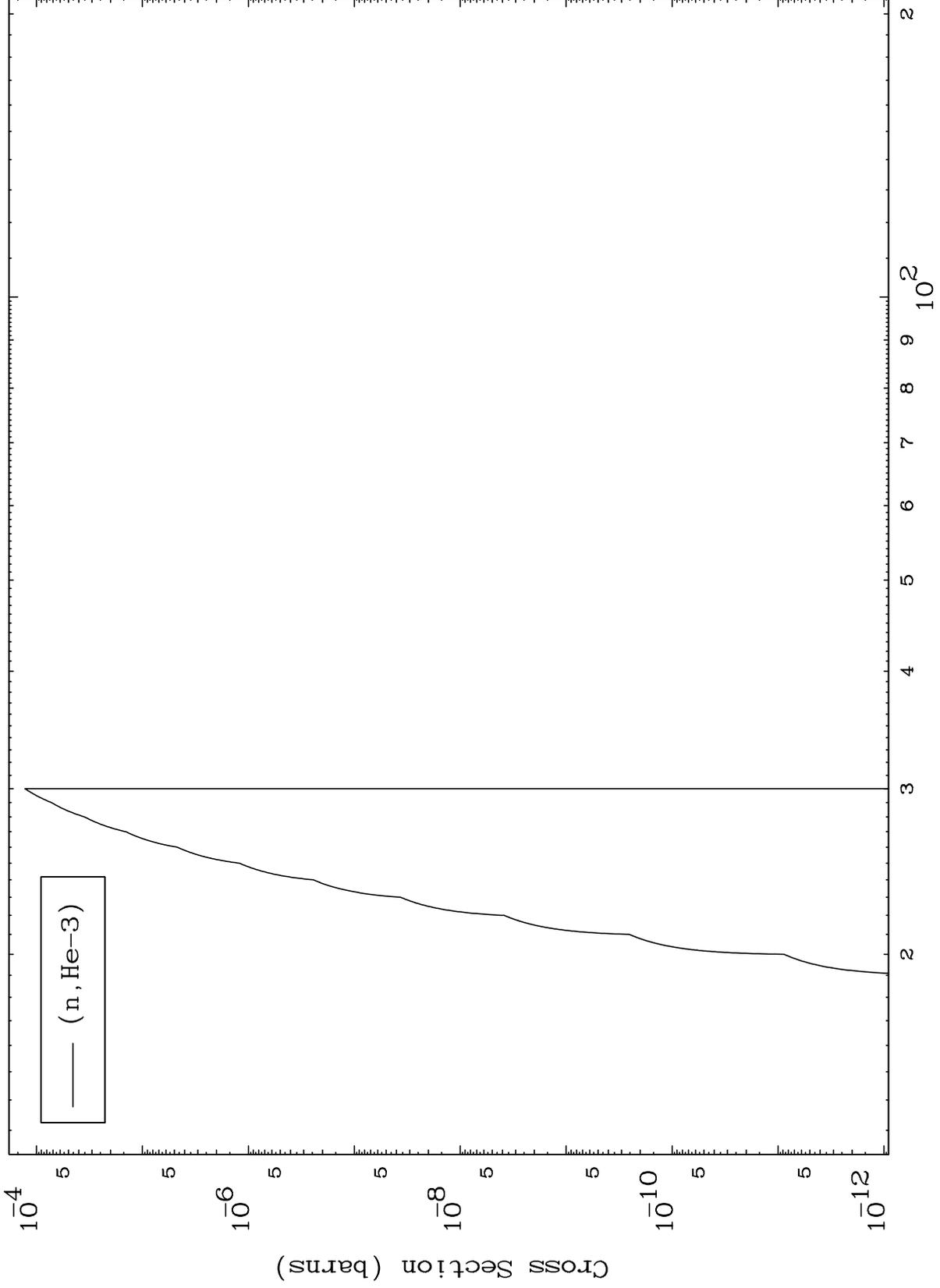
49-In-120n



MAT 4948

(n,He3) Levels
293 Kelvin Cross Sections

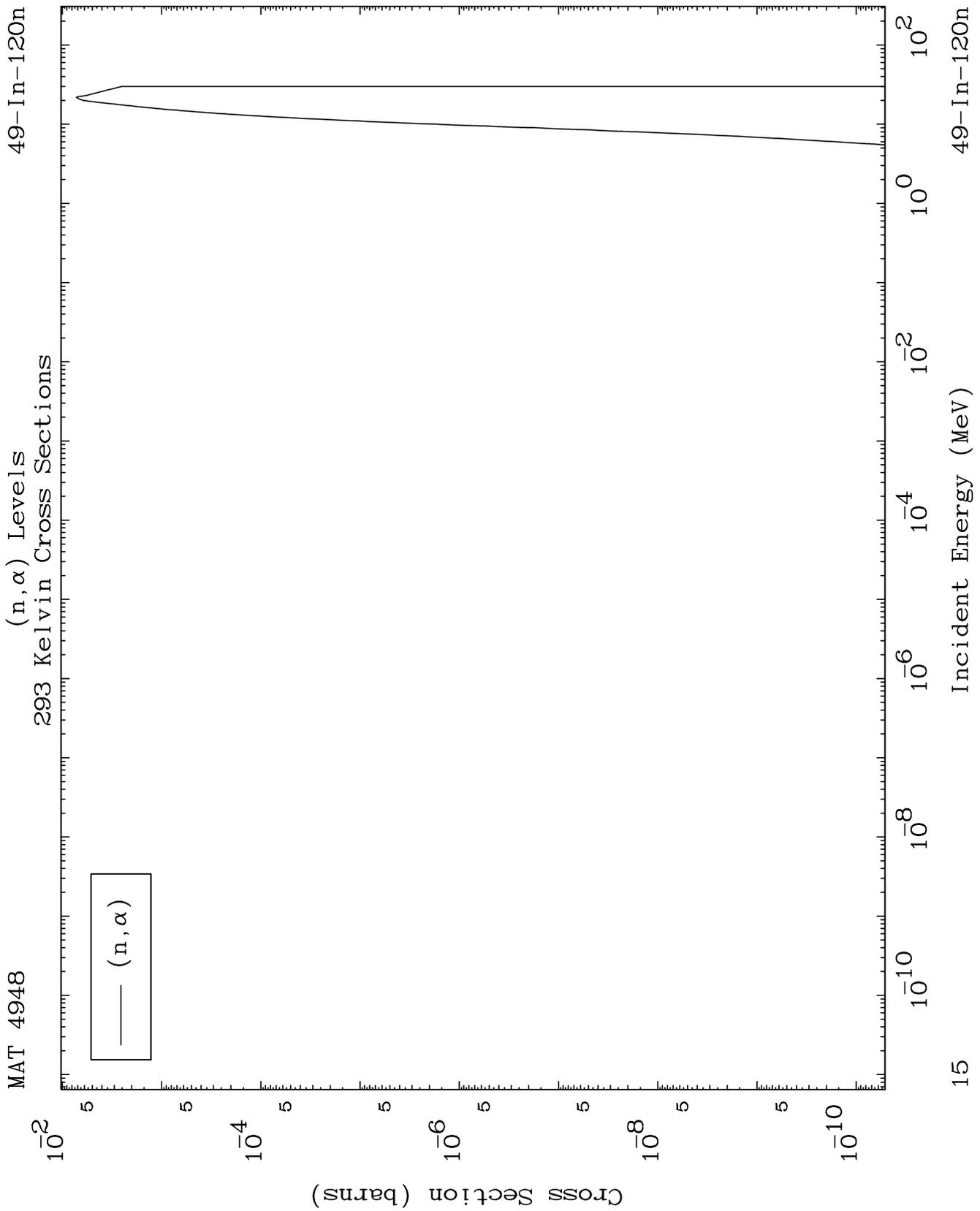
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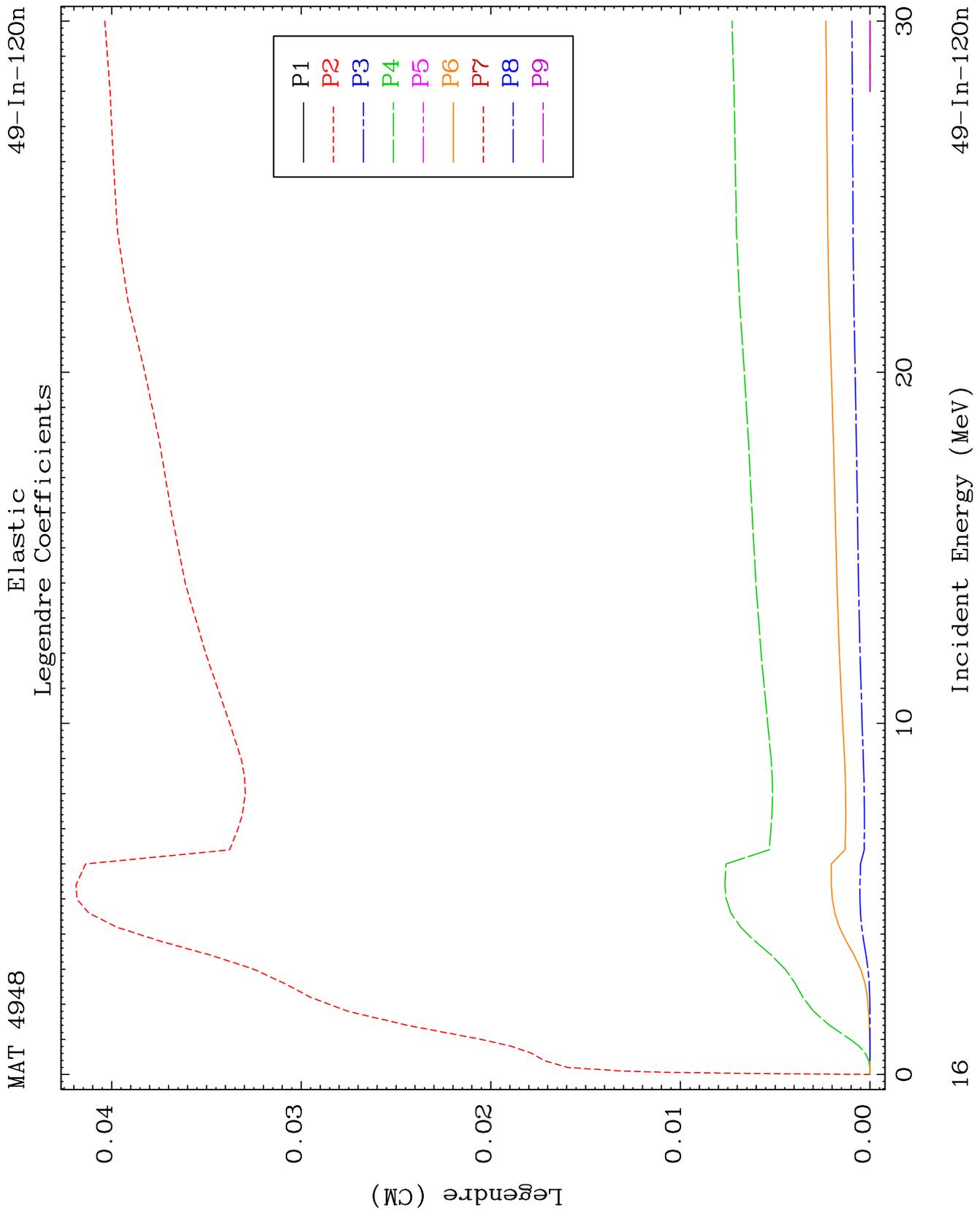


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Incident Energy (MeV)

49-In-120n

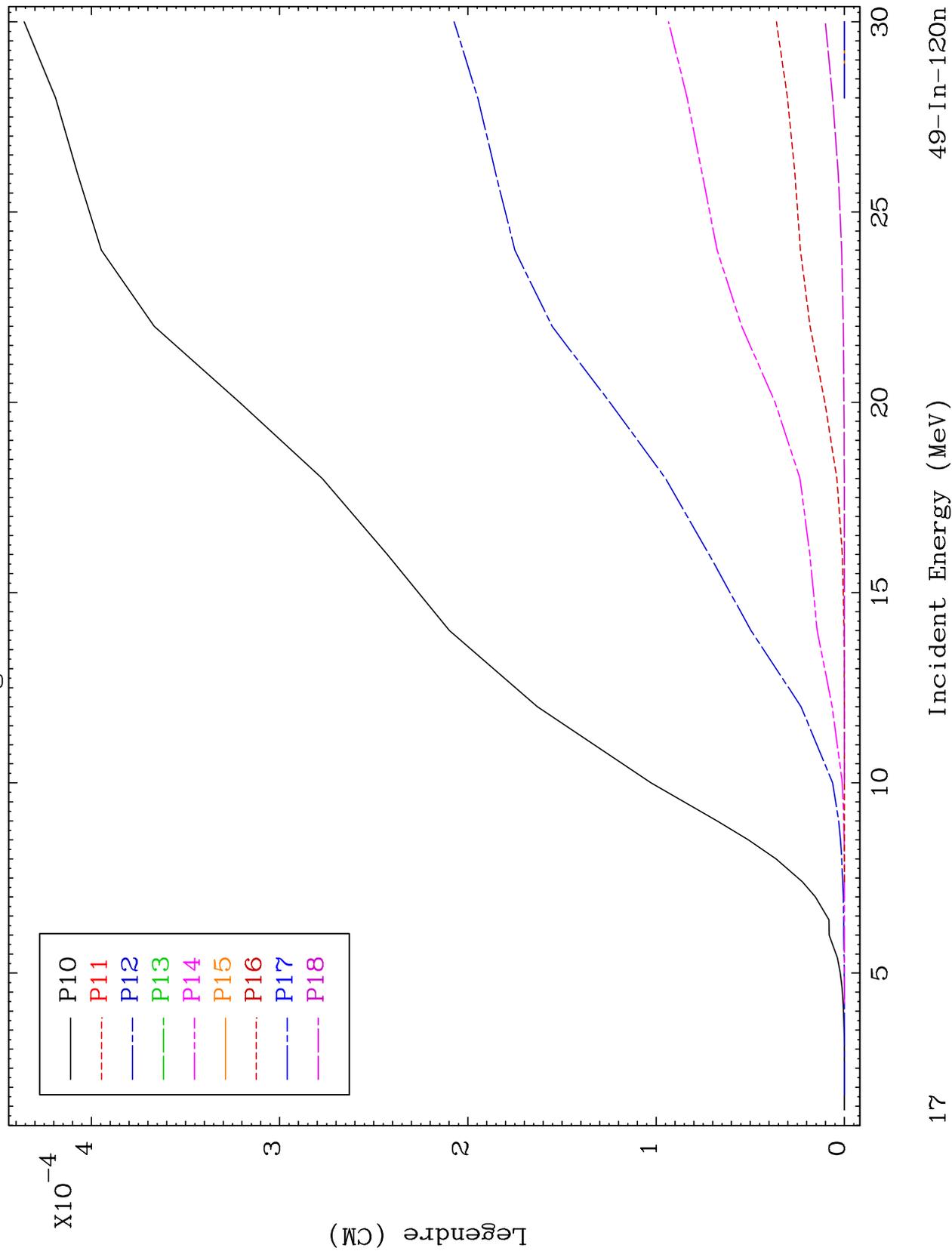




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Elastic Legendre Coefficients

49-In-120n



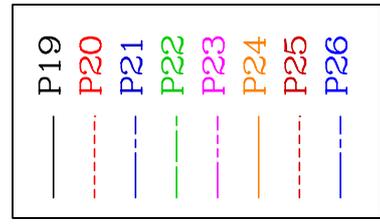
- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

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MAT 4948

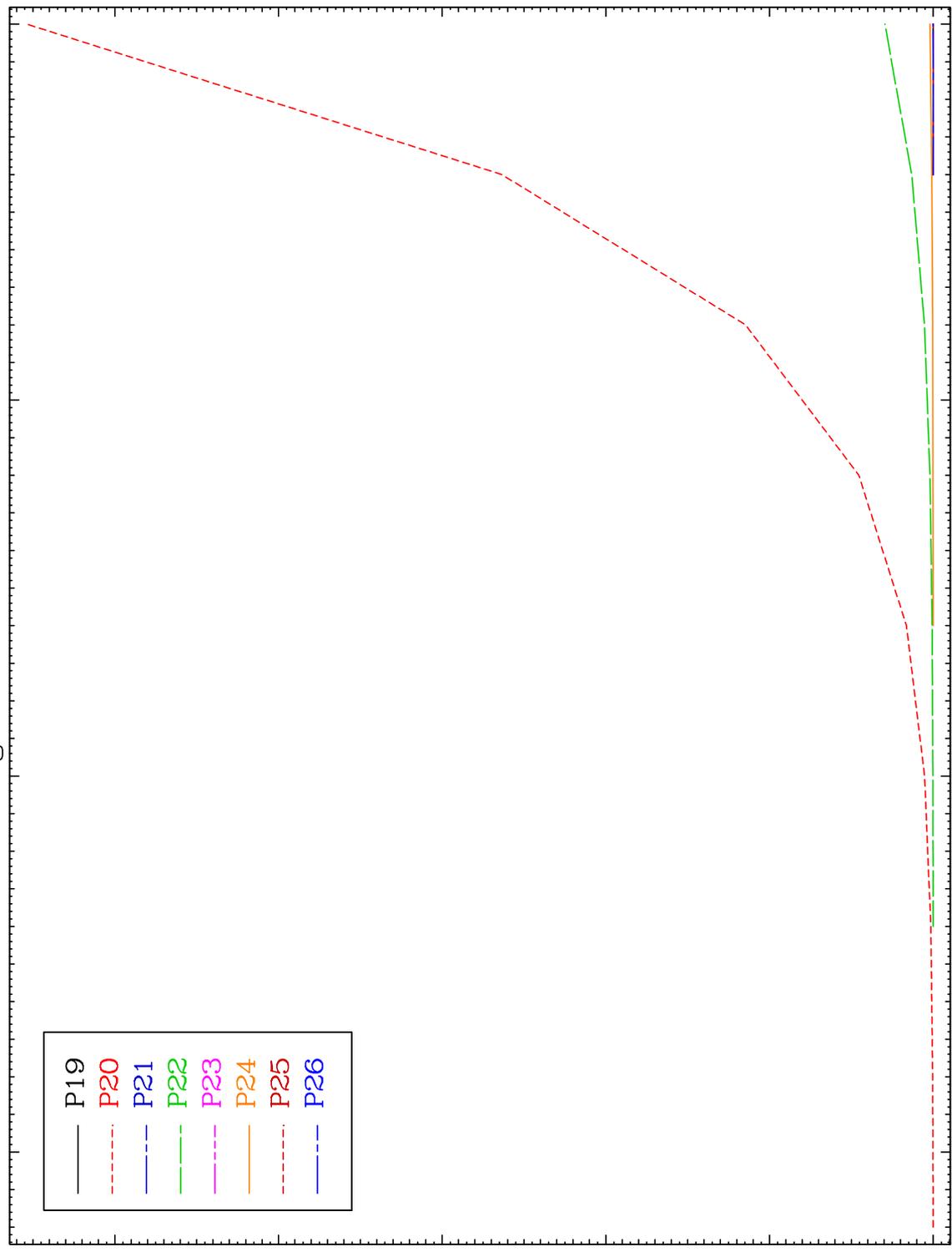
Elastic Legendre Coefficients

49-In-120n



$\times 10^{-7}$

Legendre (CM)



18

Incident Energy (MeV)

49-In-120n

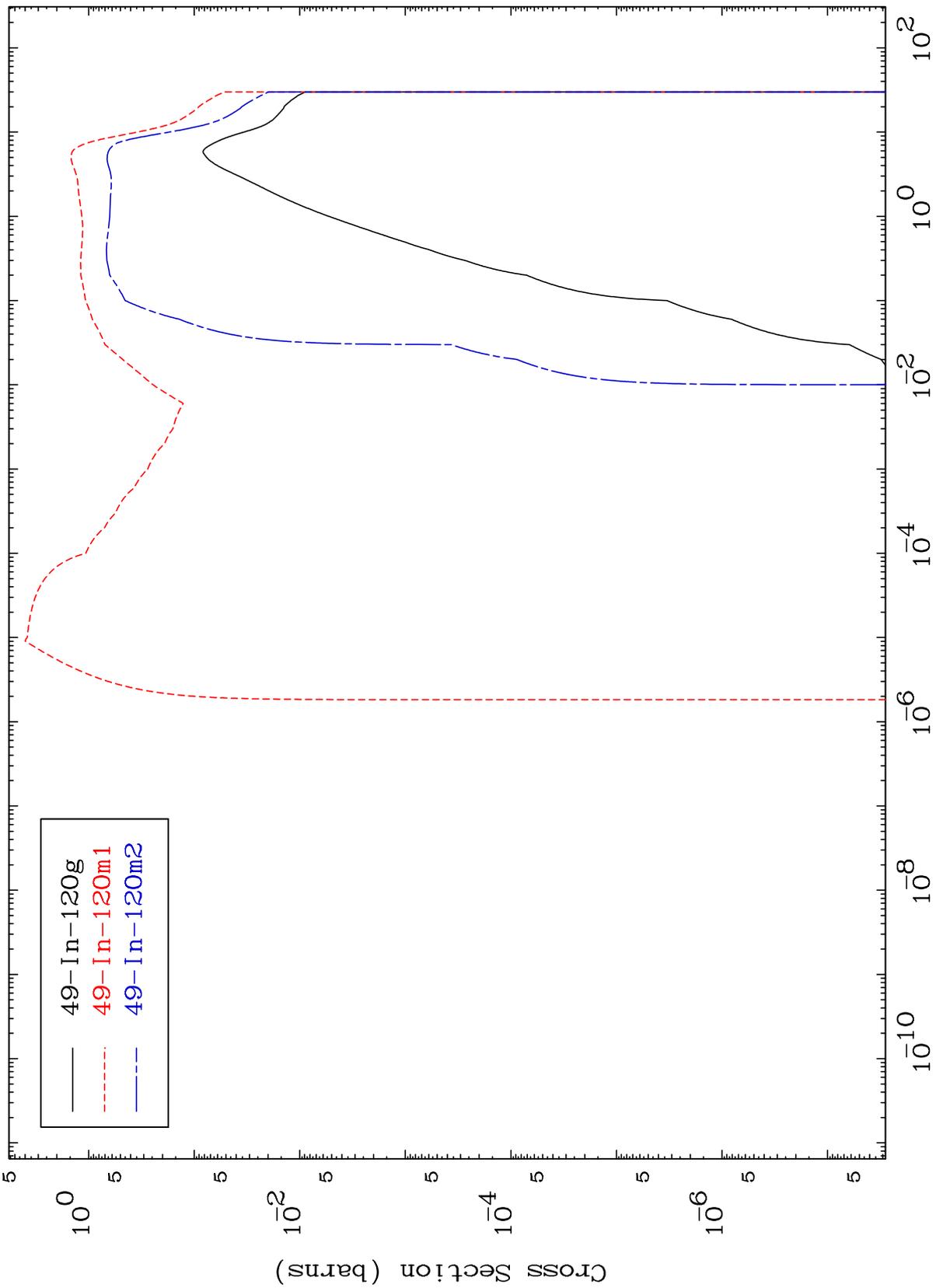
MAT 4948

49-In-120n

Inelastic
Radionuclide Production Cross Section

49-In-120n

Incident Energy (MeV)

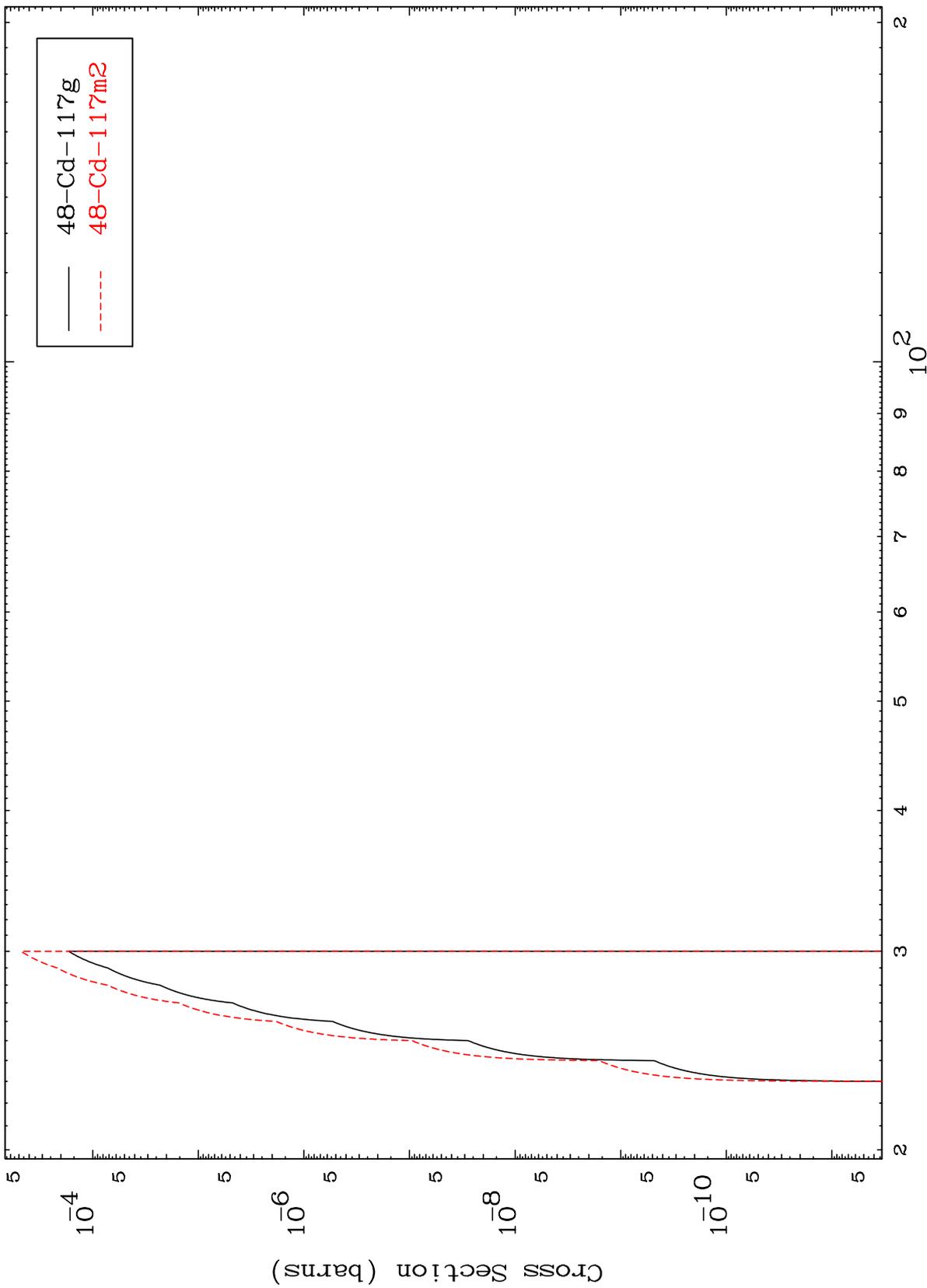


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(n,2n) d

49-In-120n

Radionuclide Production Cross Section



20

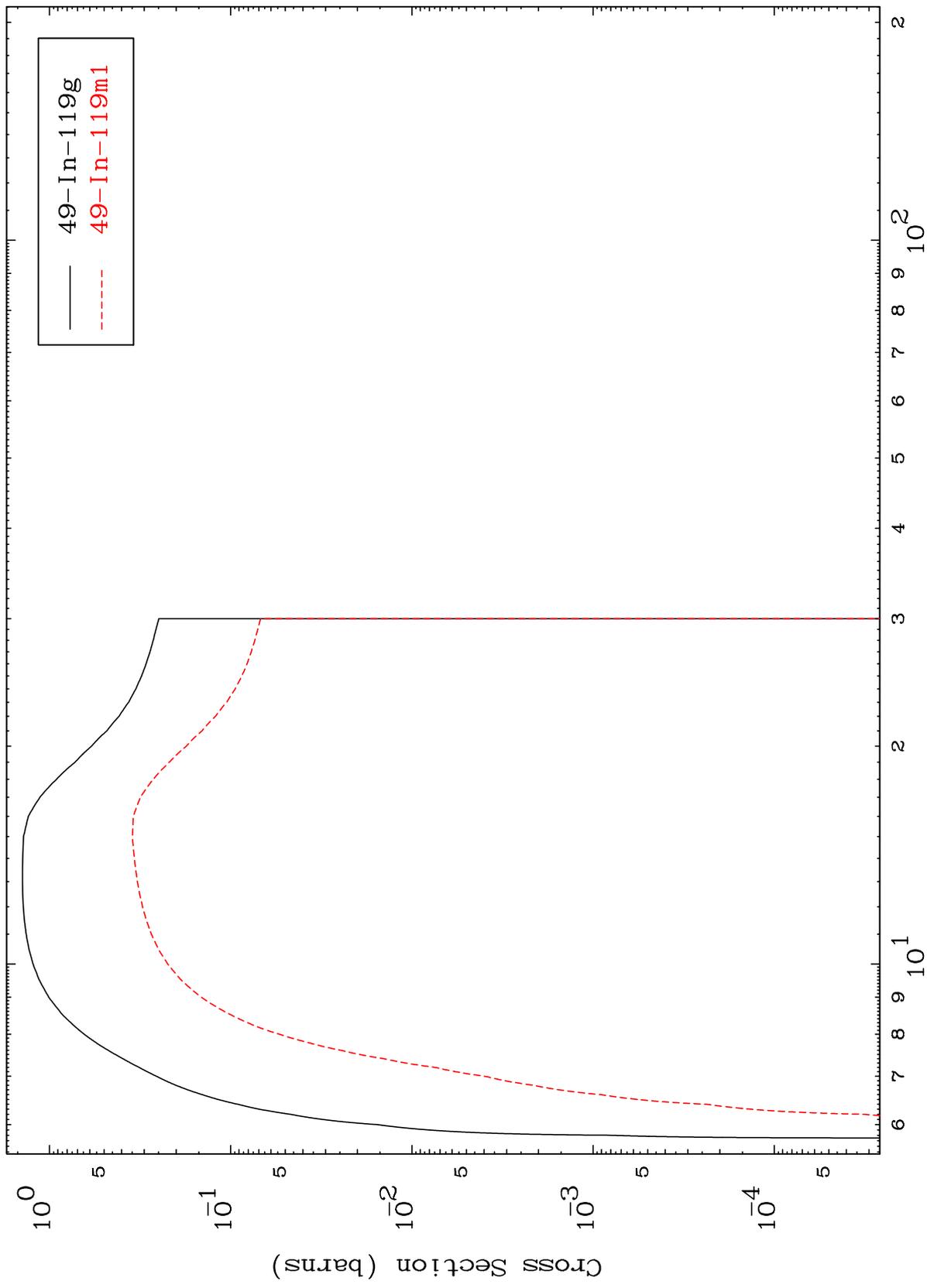
Incident Energy (MeV)

49-In-120n

MAT 4948

49-In-120n

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

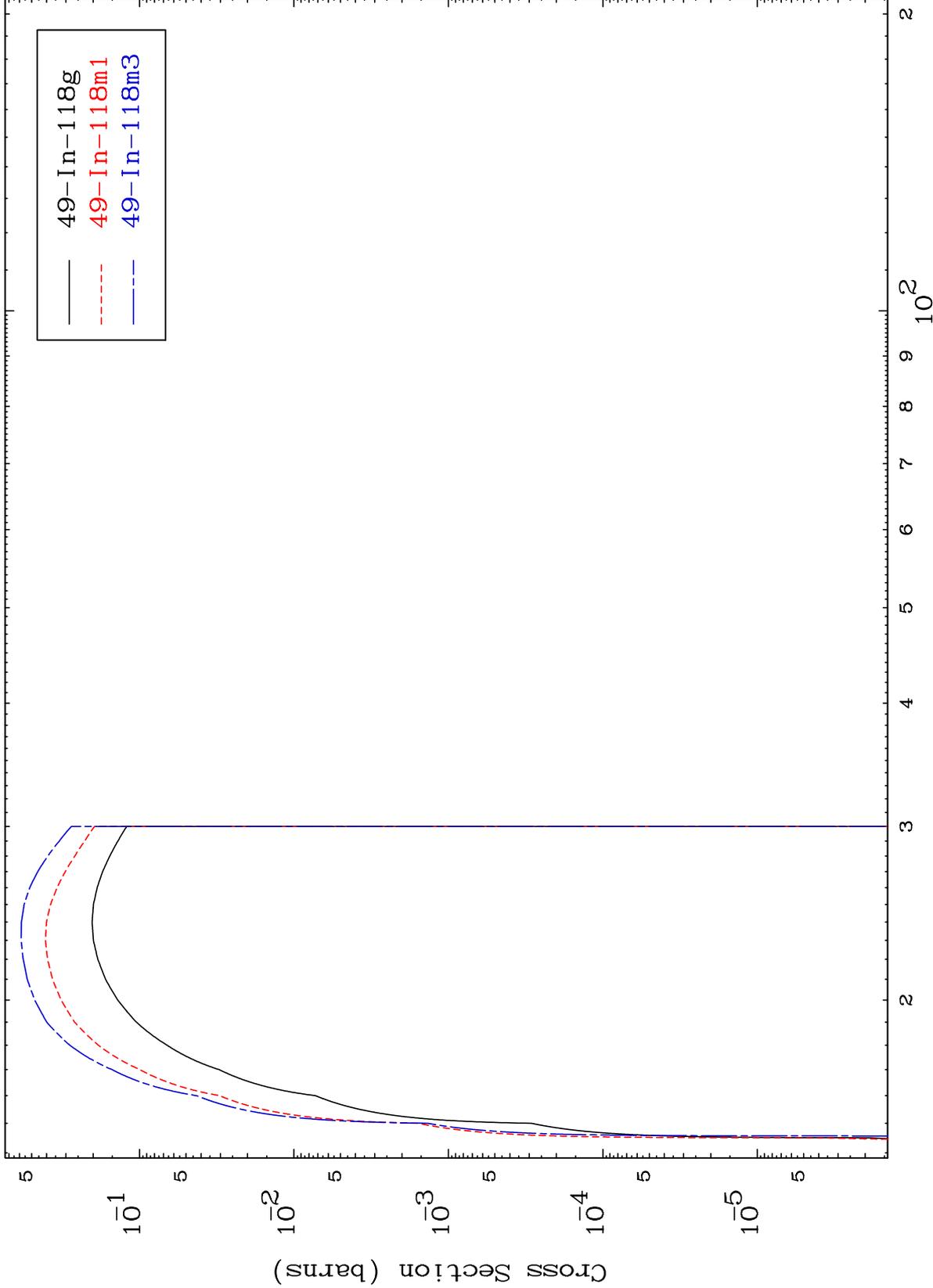
49-In-120n

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(n,3n)

49-In-120n

Radionuclide Production Cross Section

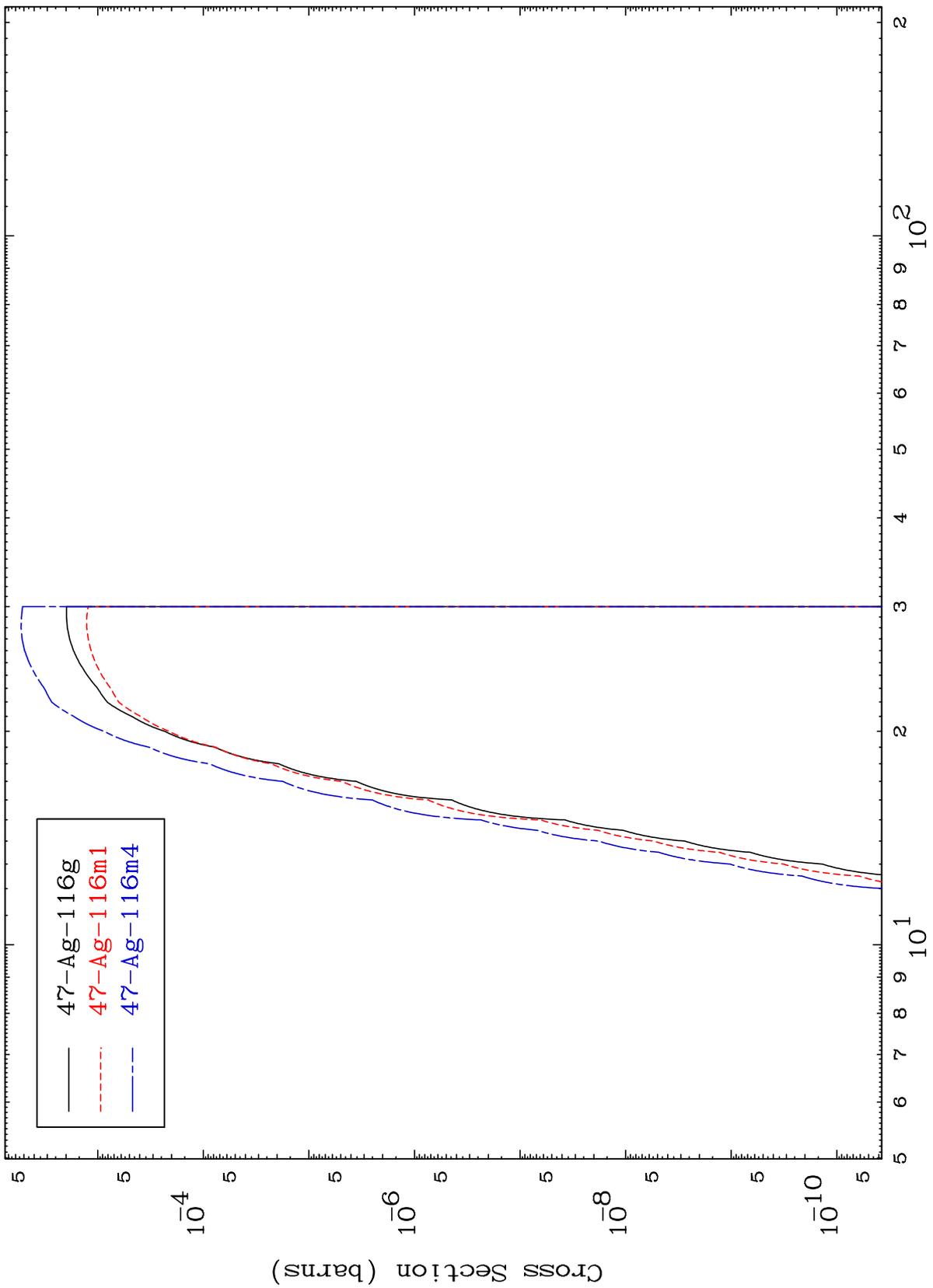


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49-In-120n

(n,n') α

Radionuclide Production Cross Section



23

Incident Energy (MeV)

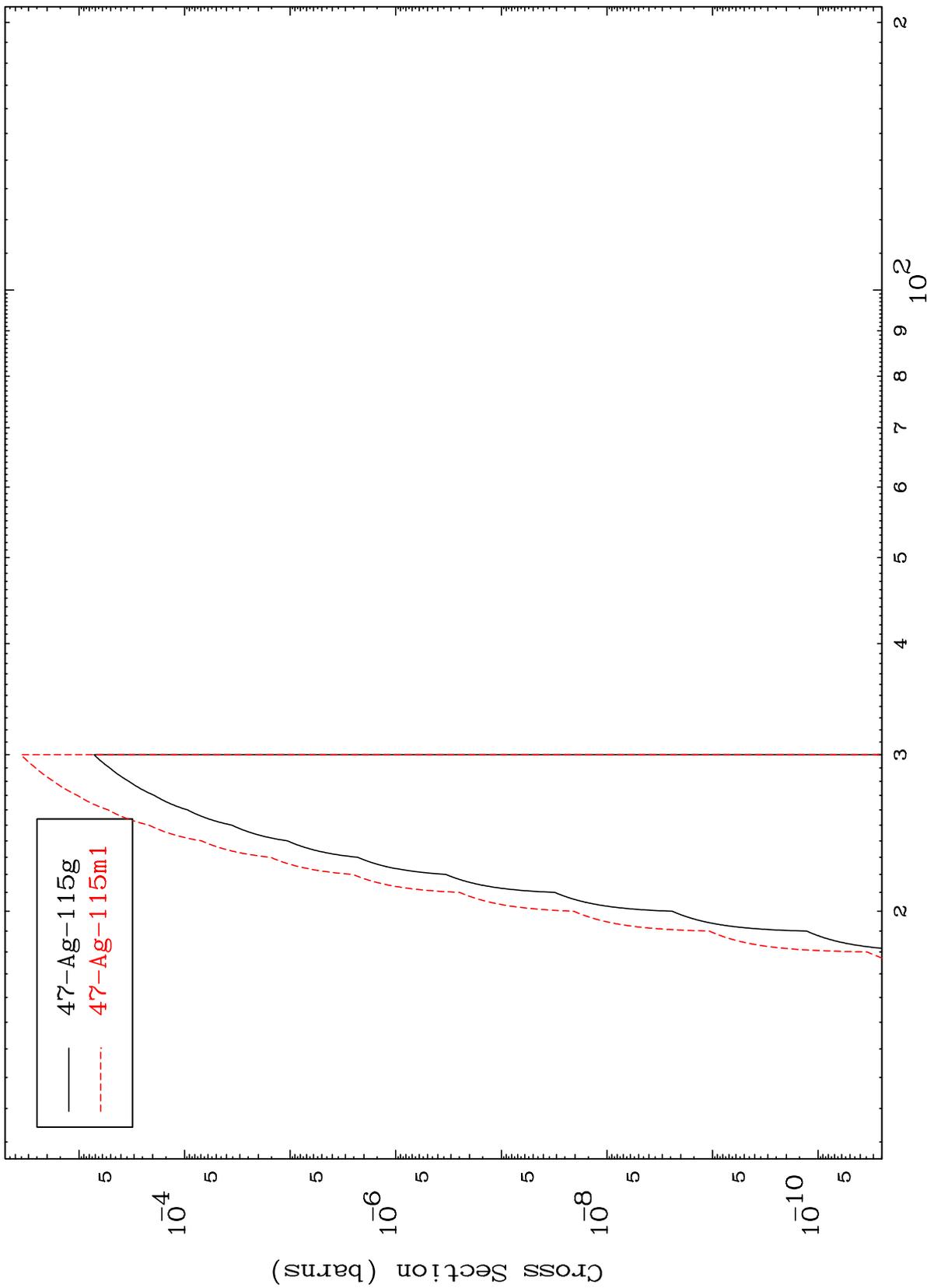
49-In-120n

MAT 4948

(n,2n) α

49-In-120n

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-120n

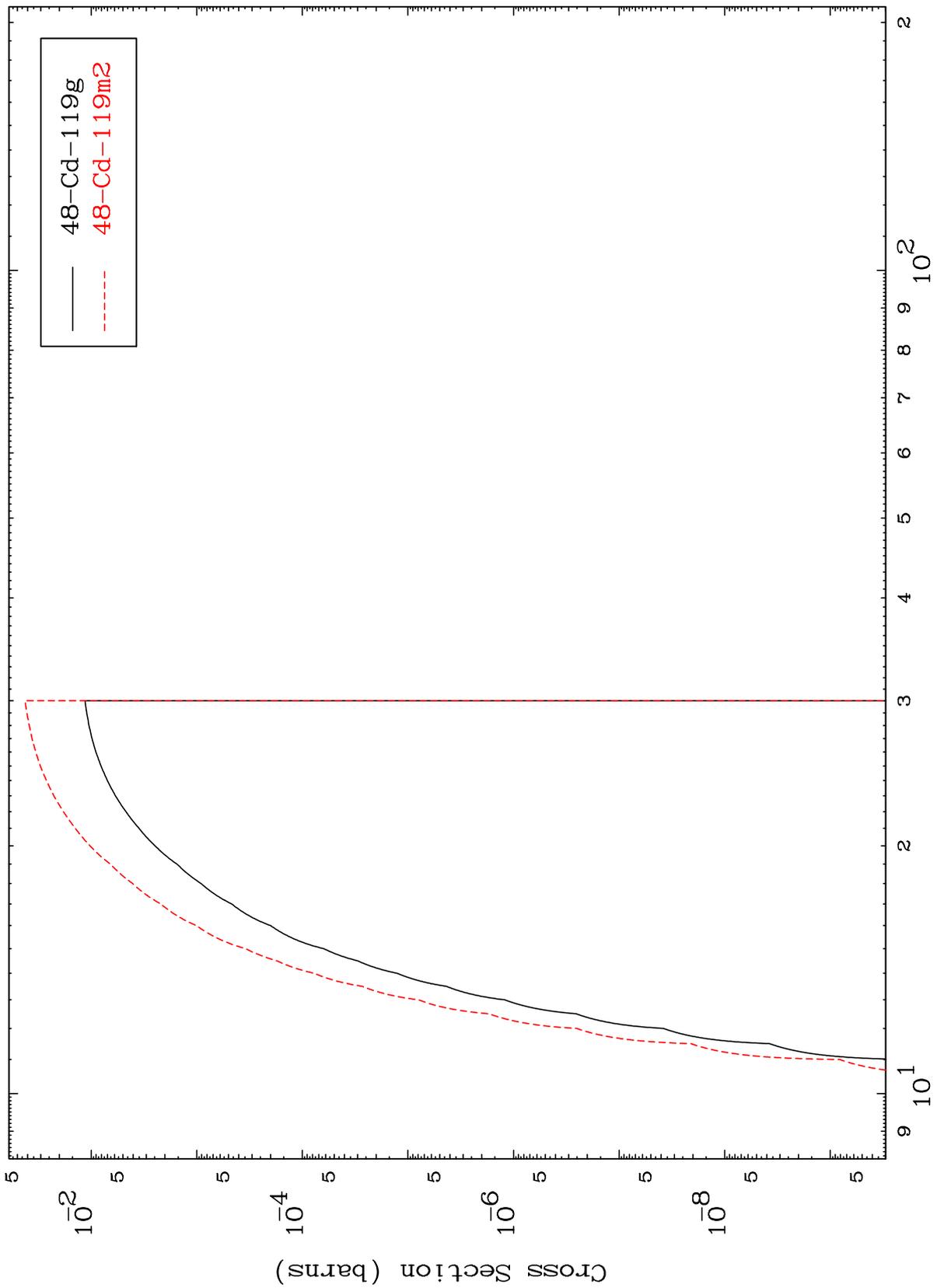
24

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(n,n') p

49-In-120n

Radionuclide Production Cross Section



25

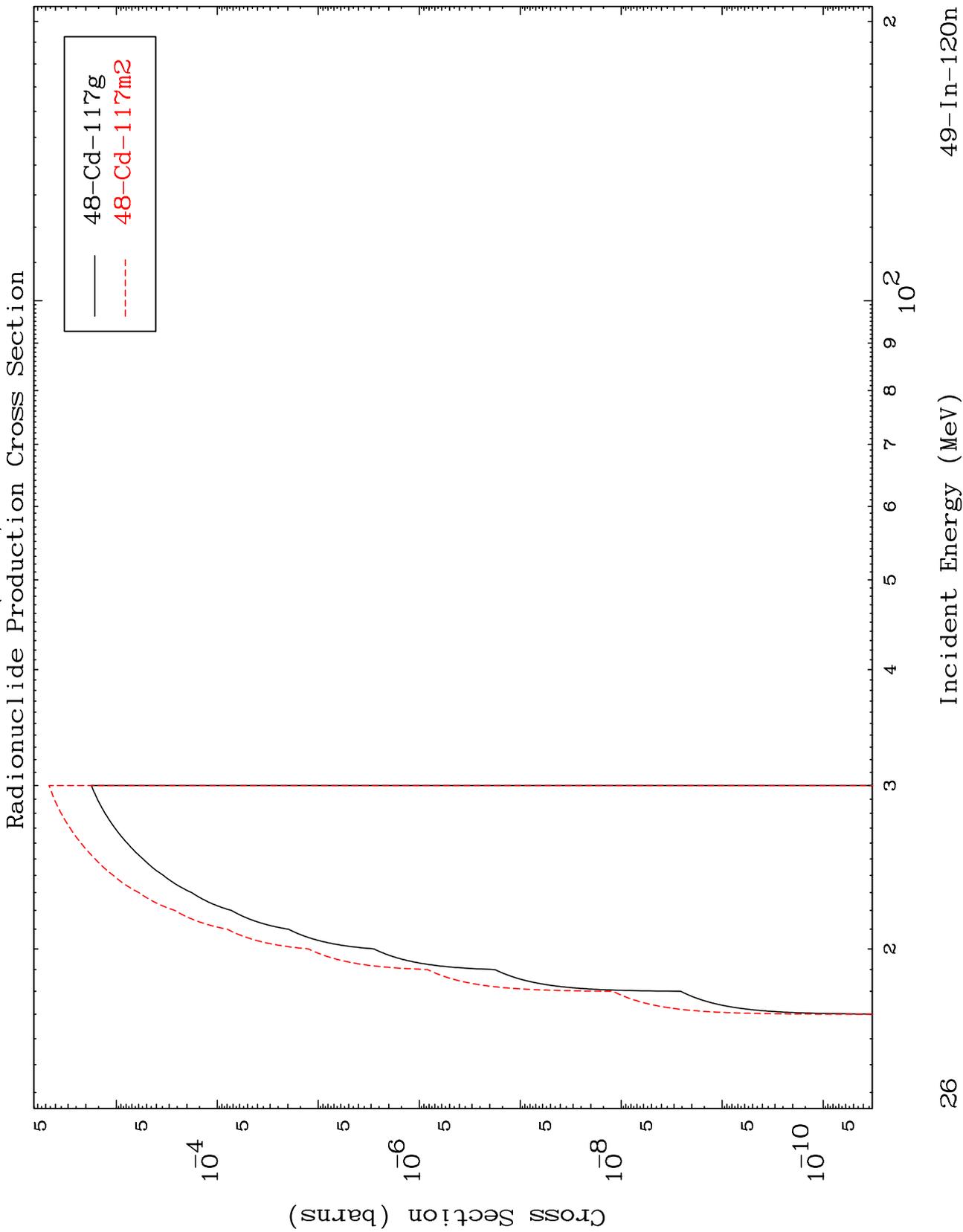
Incident Energy (MeV)

49-In-120n

MAT 4948

(n,n') t

49-In-120n



26

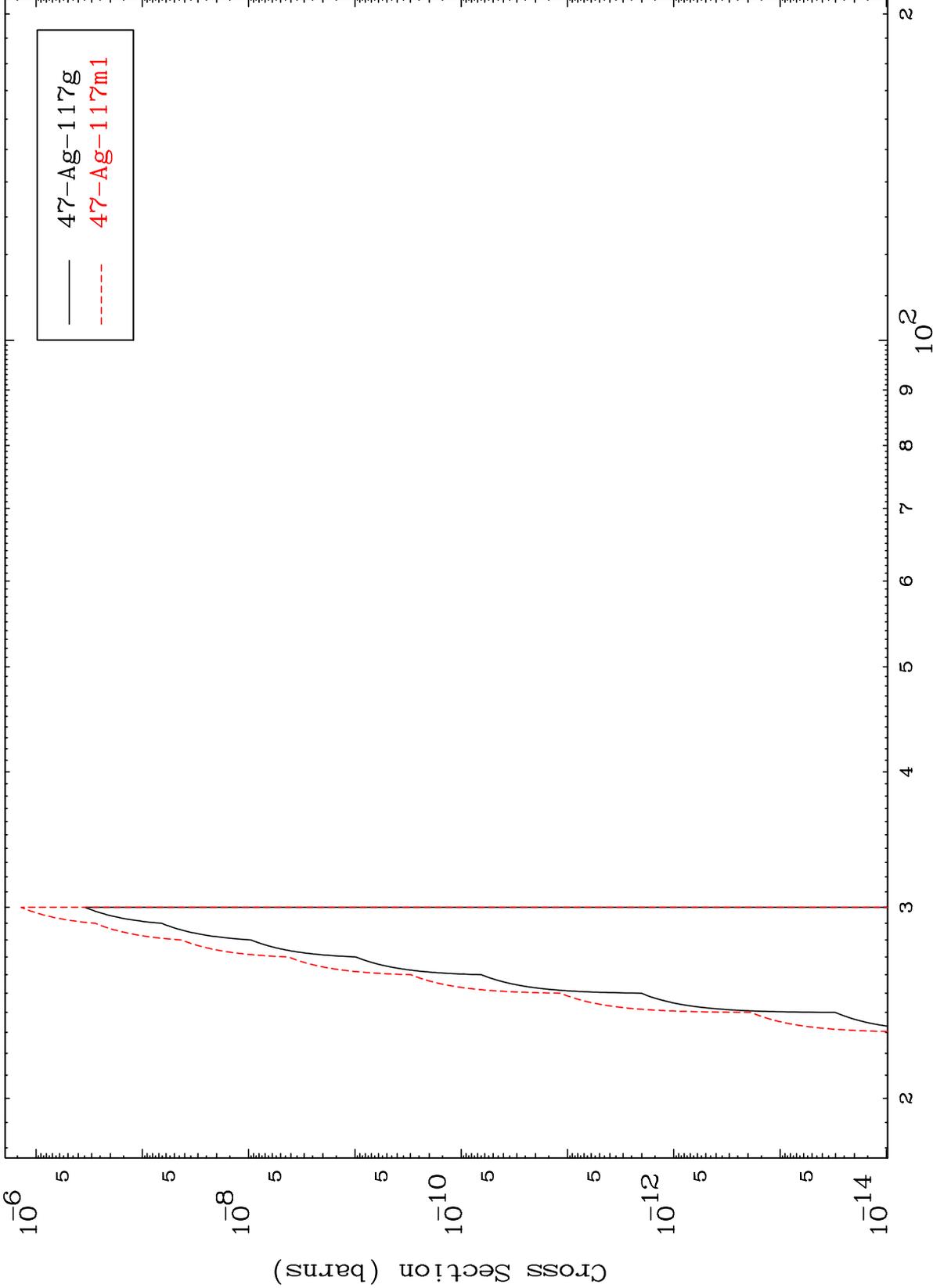
49-In-120n

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(n,n') He-3

49-In-120n

Radionuclide Production Cross Section



27

Incident Energy (MeV)

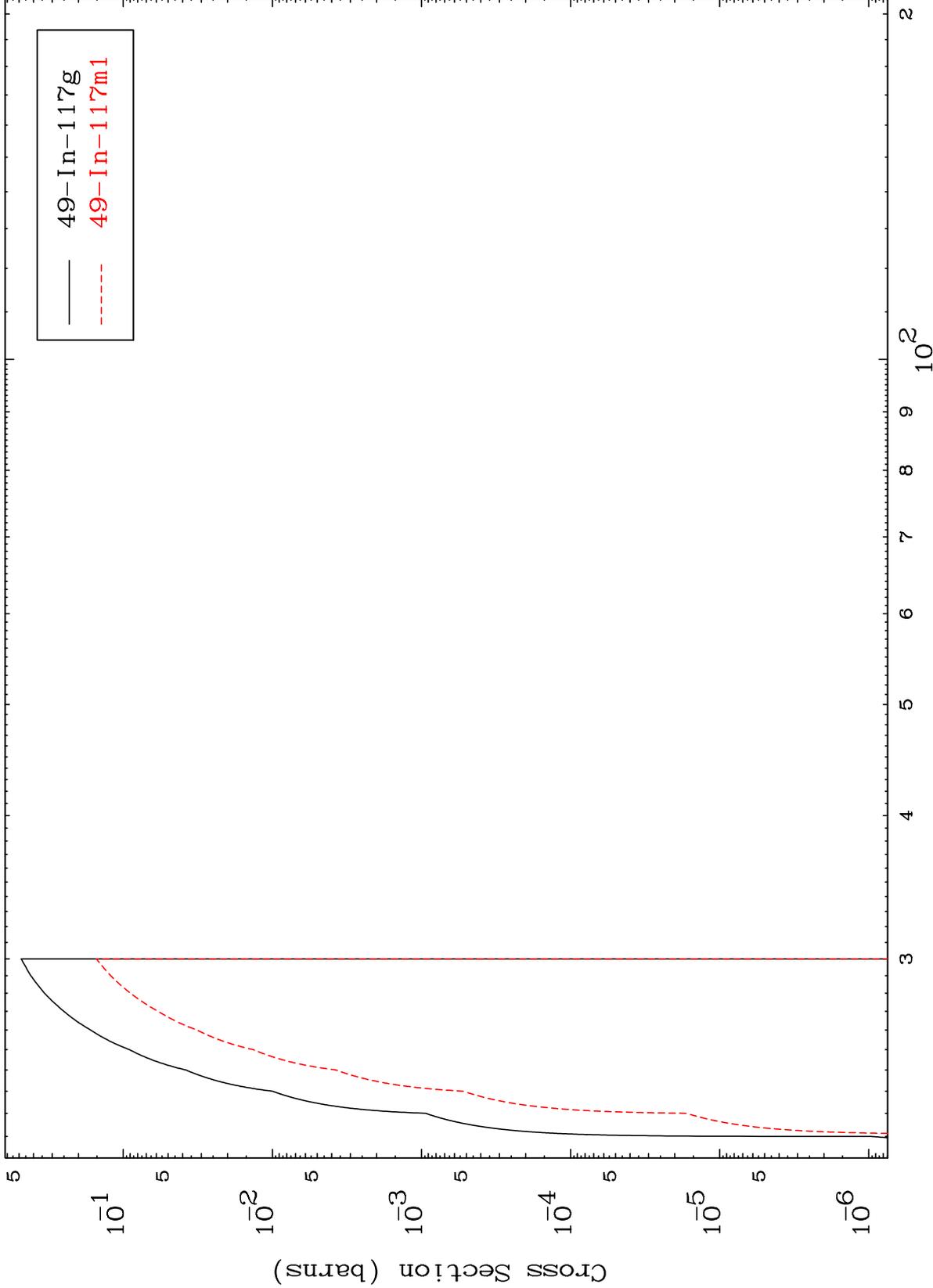
49-In-120n

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(n,4n)

49-In-120n

Radionuclide Production Cross Section



49-In-117g
49-In-117m1

28

Incident Energy (MeV)

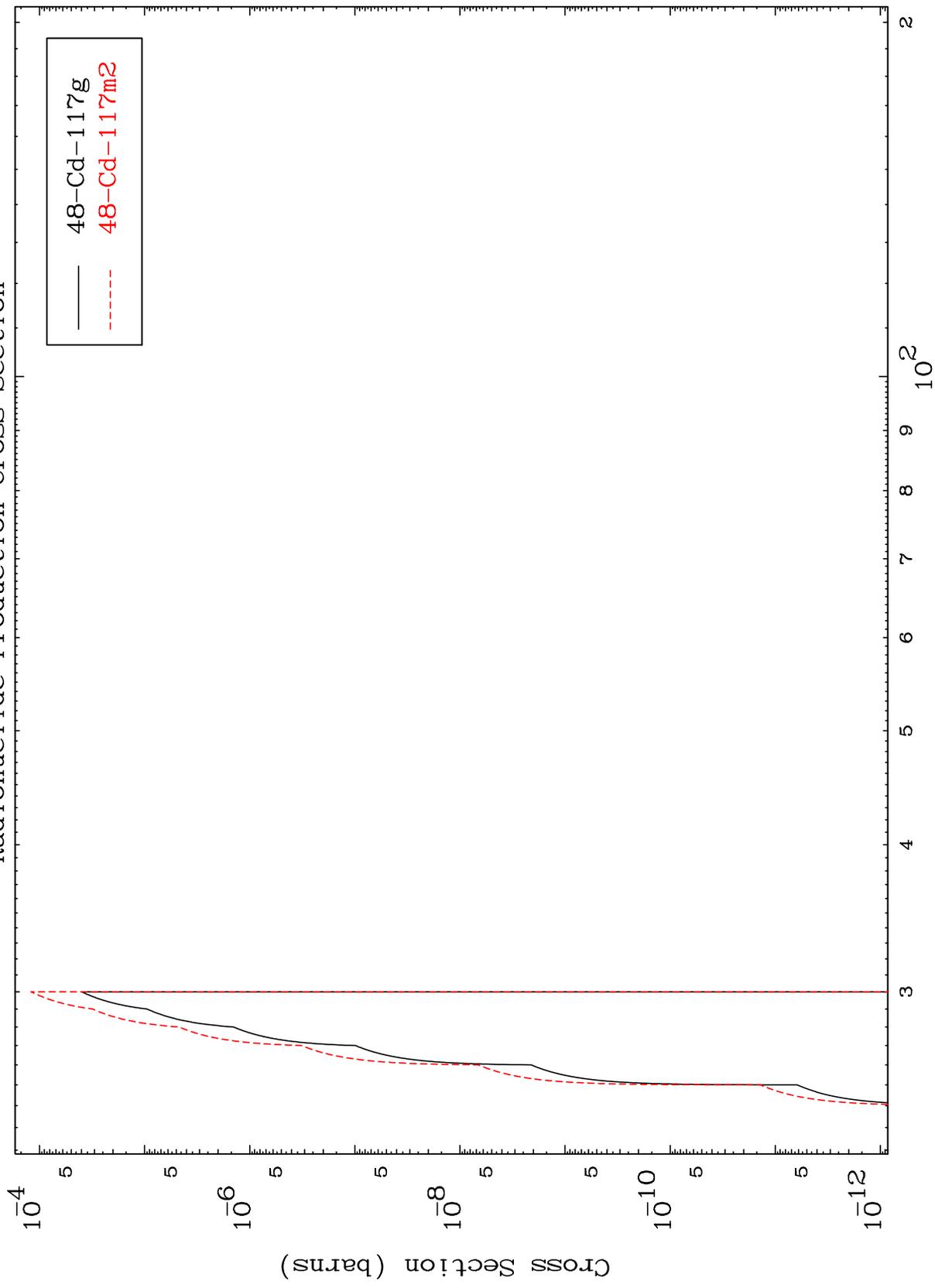
49-In-120n

MAT 4948

(n,3n) p

49-In-120n

Radionuclide Production Cross Section



29

Incident Energy (MeV)

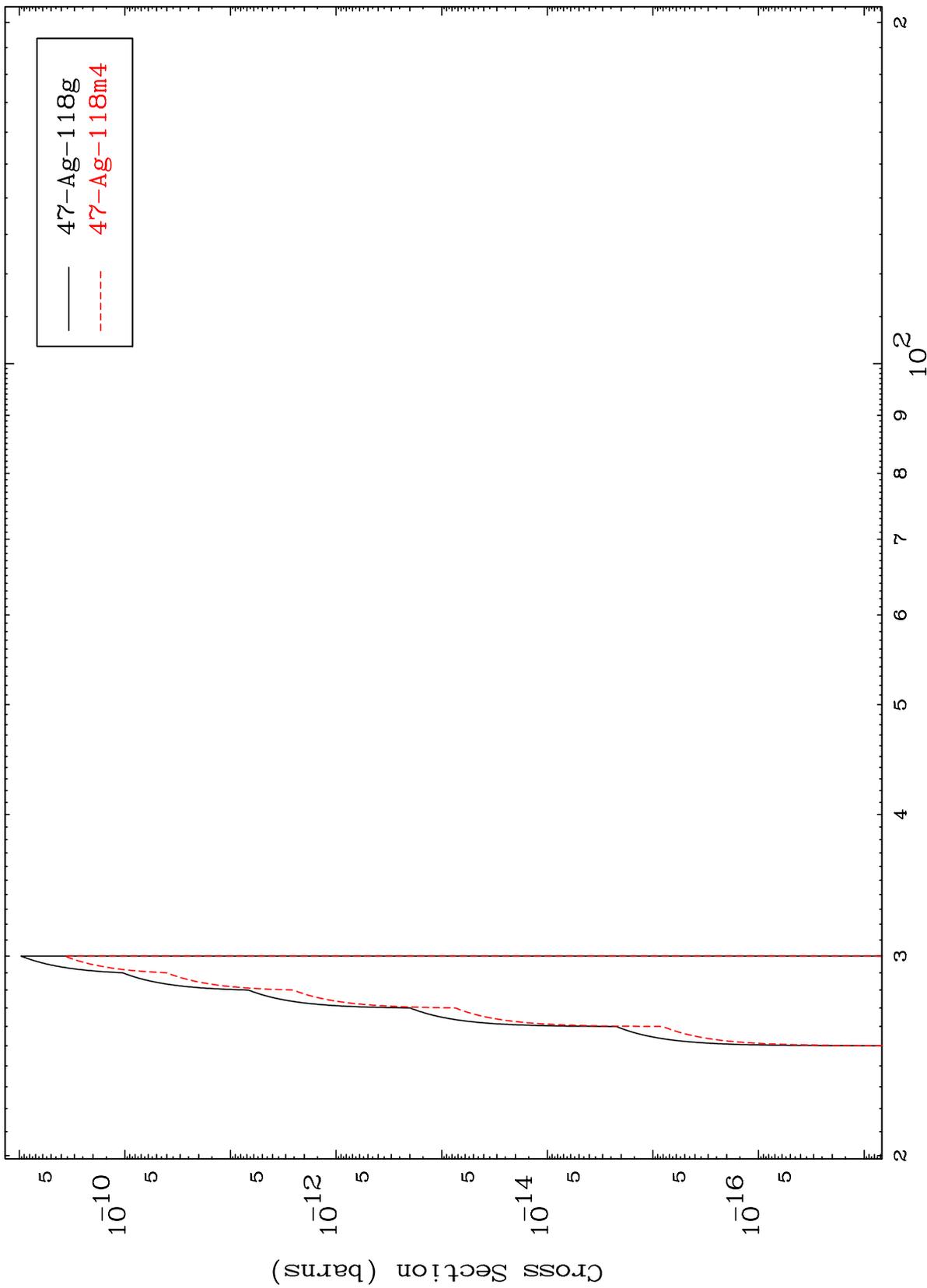
49-In-120n

MAT 4948

(n,2n) p

49-In-120n

Radionuclide Production Cross Section



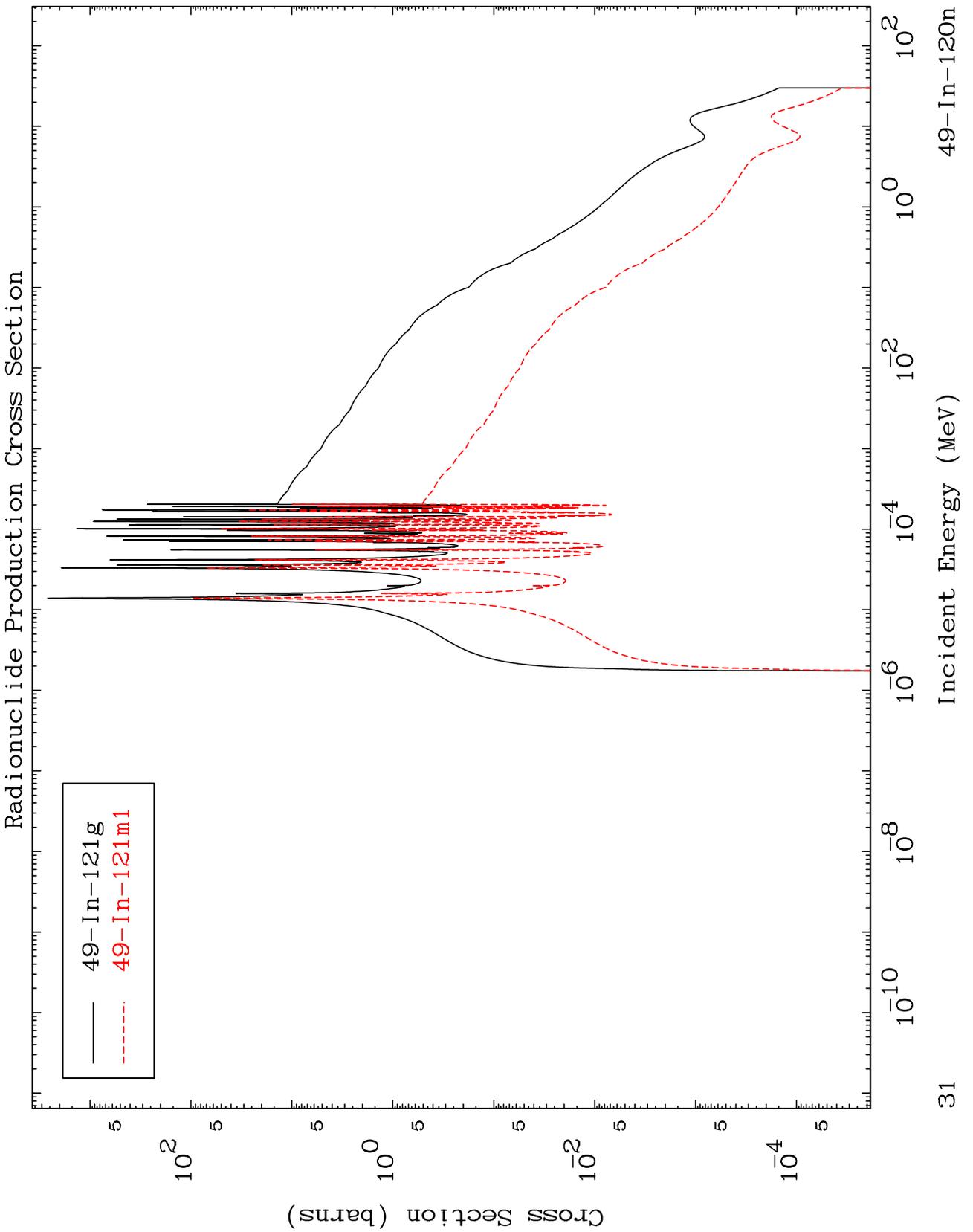
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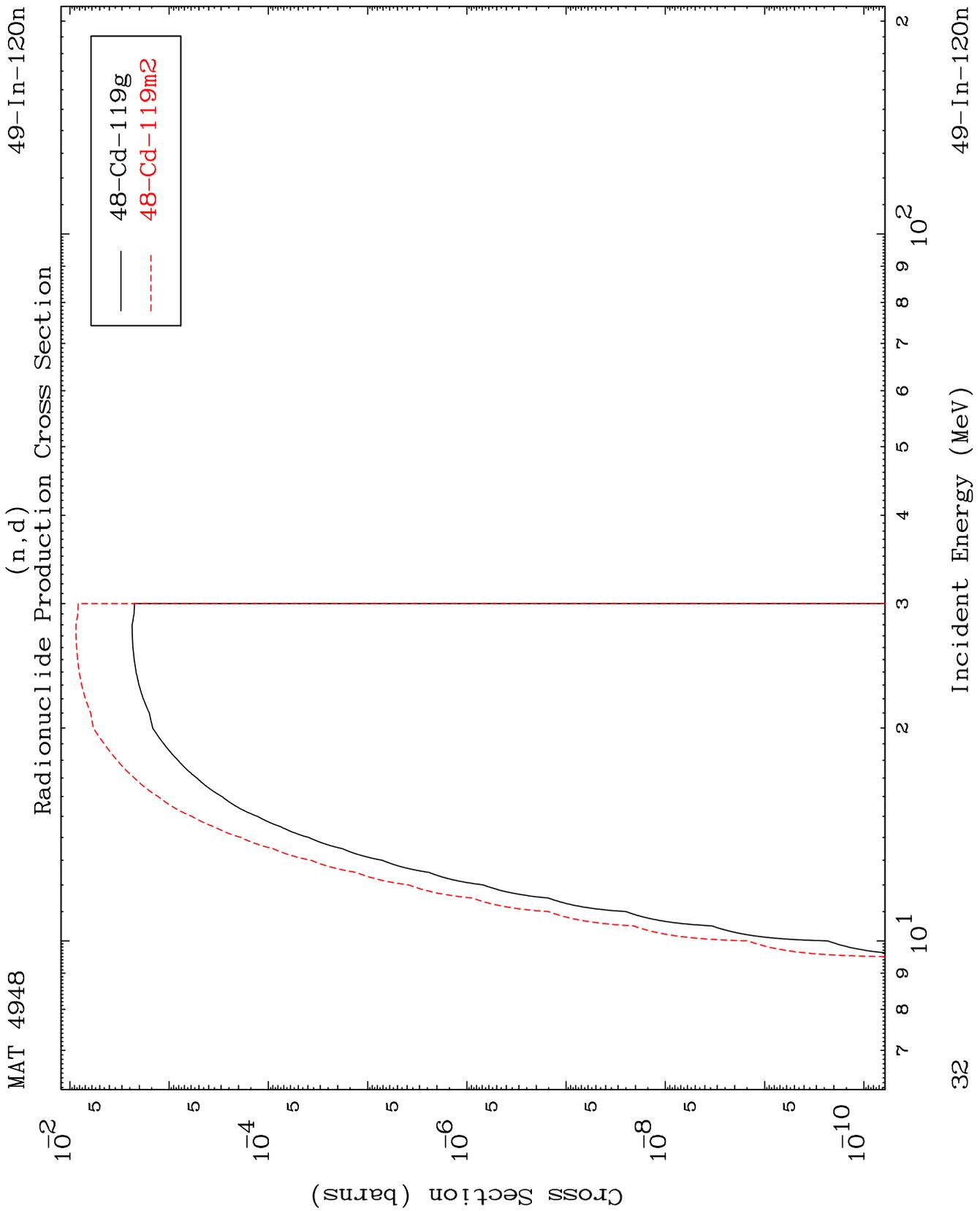
Incident Energy (MeV)

49-In-120n

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49-In-120n



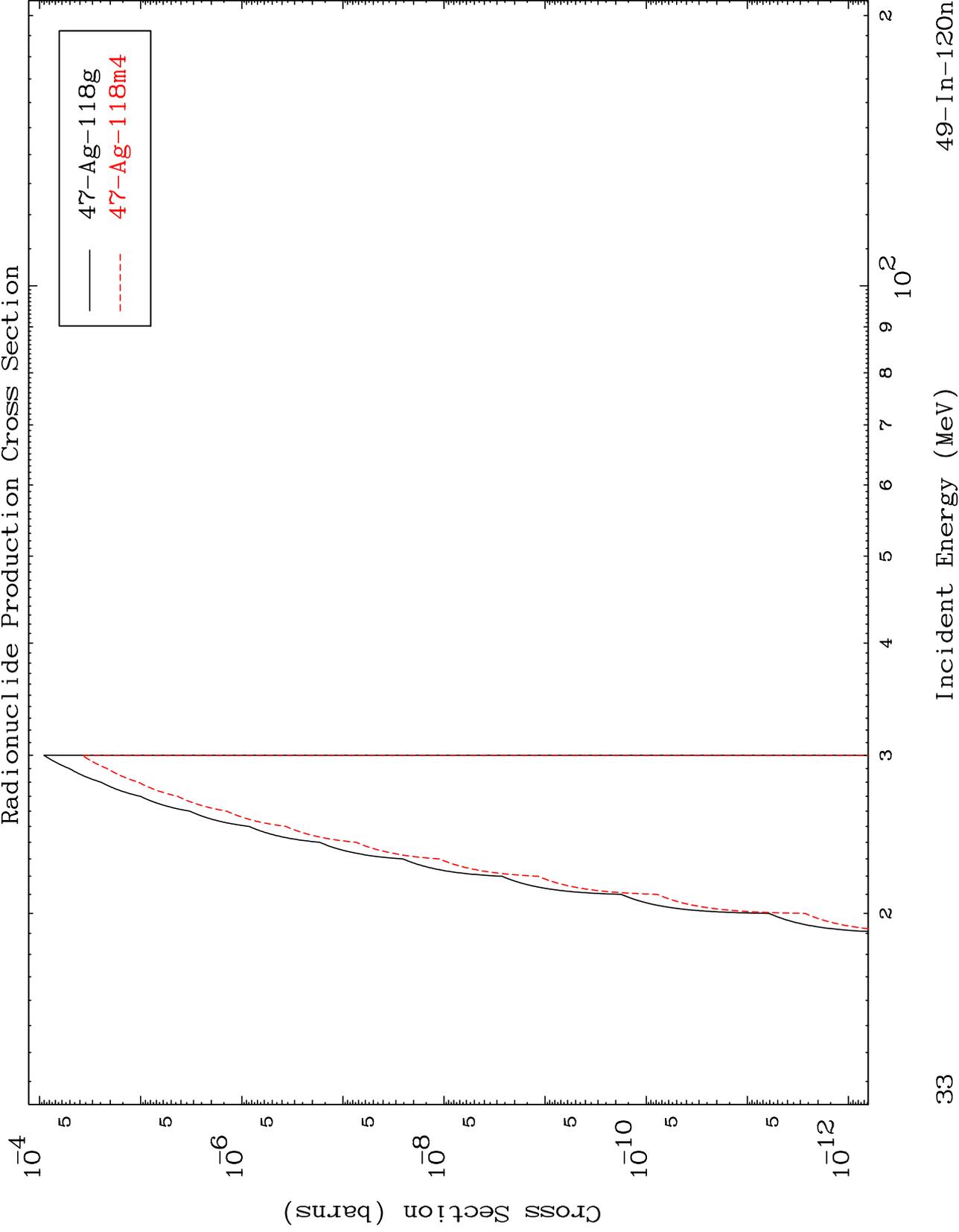


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(n,He-3)

49-In-120n

Radionuclide Production Cross Section



33

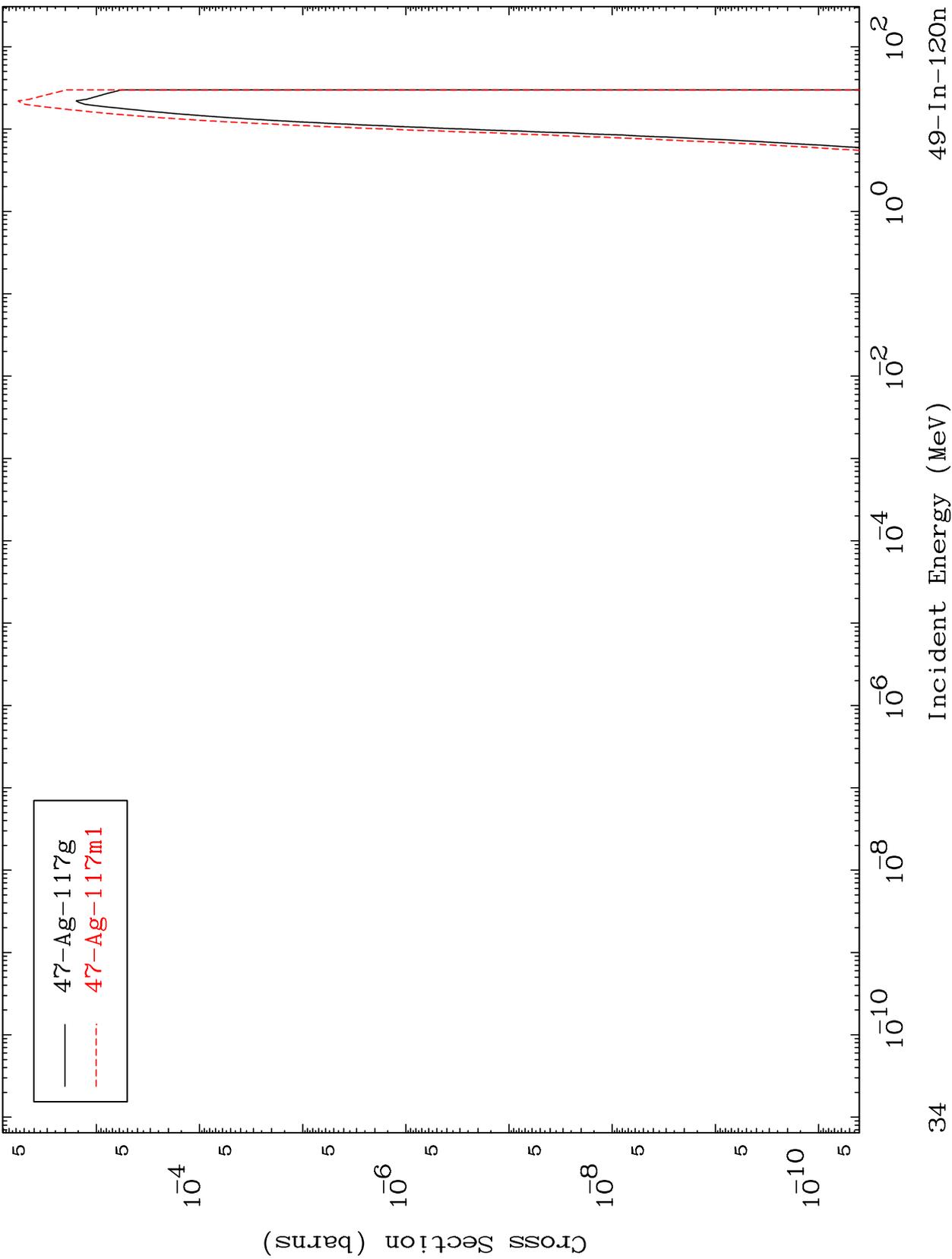
Incident Energy (MeV)

49-In-120n

MAT 4948

49-In-120n

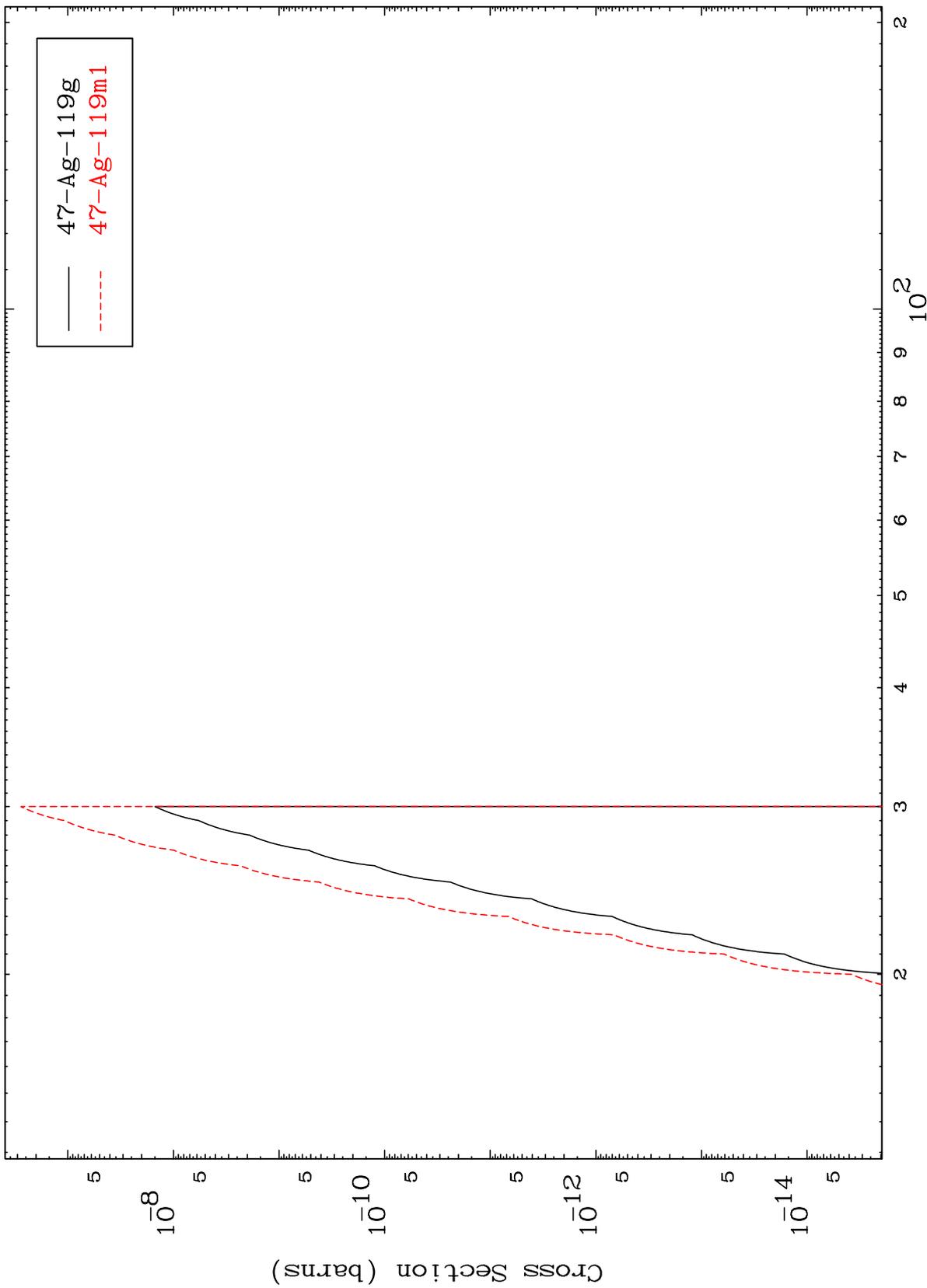
(n, α)
Radionuclide Production Cross Section



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49-In-120n

(n,2p)
Radionuclide Production Cross Section



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49-In-120n

Incident Energy (MeV)