

Program EVALPLOT
(Version 2018-1)

by

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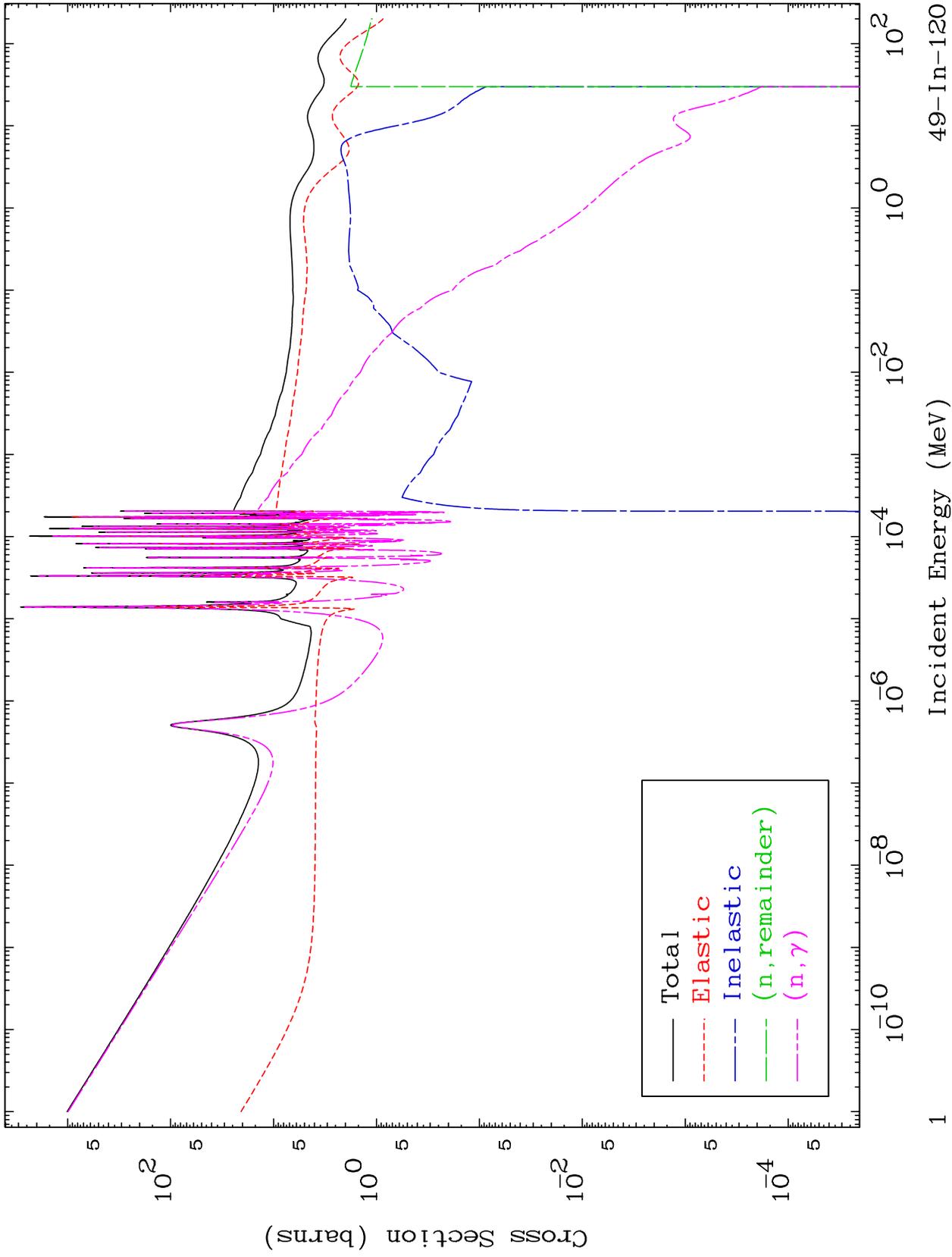
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Press Mouse Button to Start

MAT 4948

Major
293 Kelvin Cross Sections

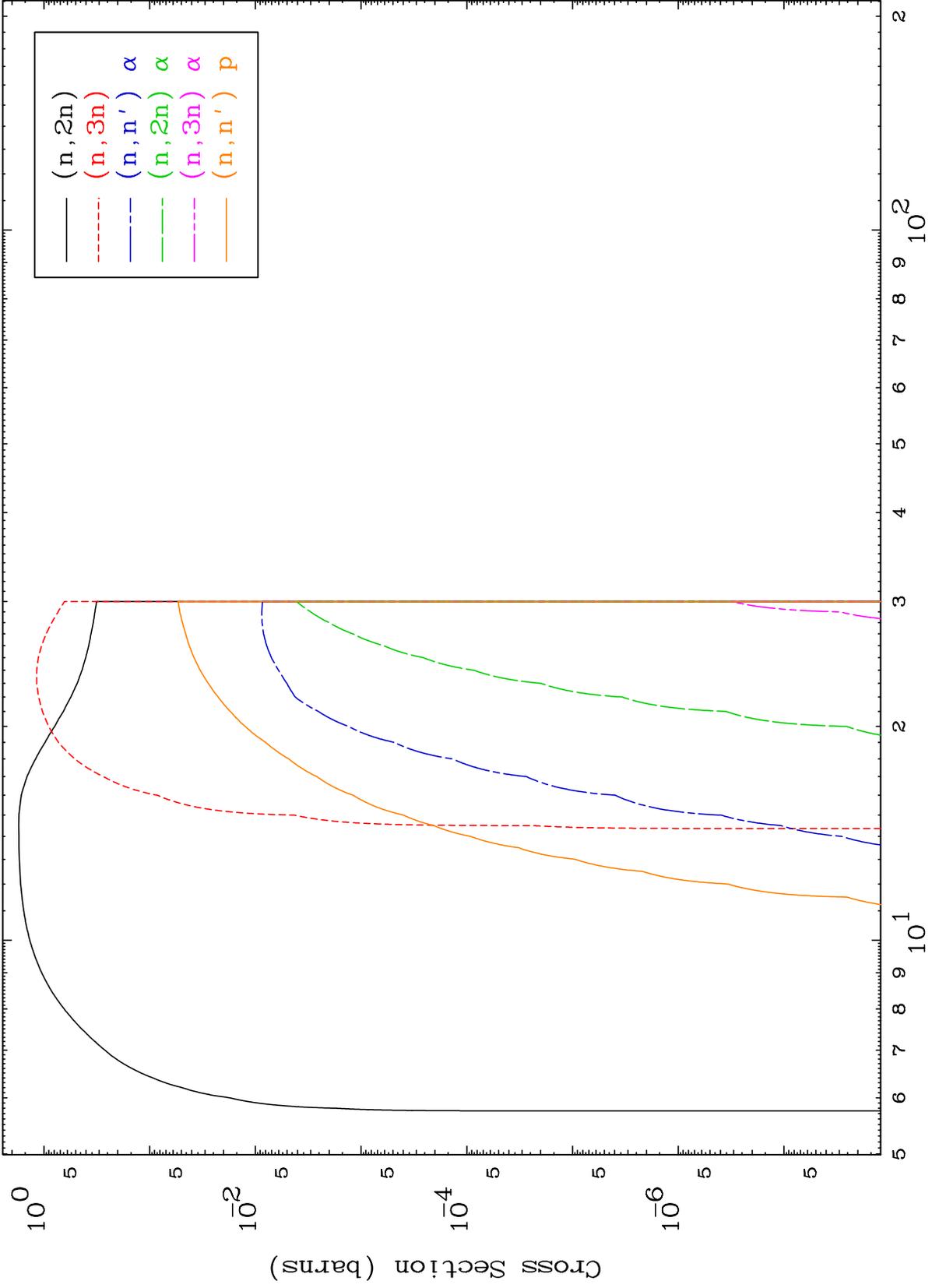
49-In-120



MAT 4948

Neutron Production
293 Kelvin Cross Sections

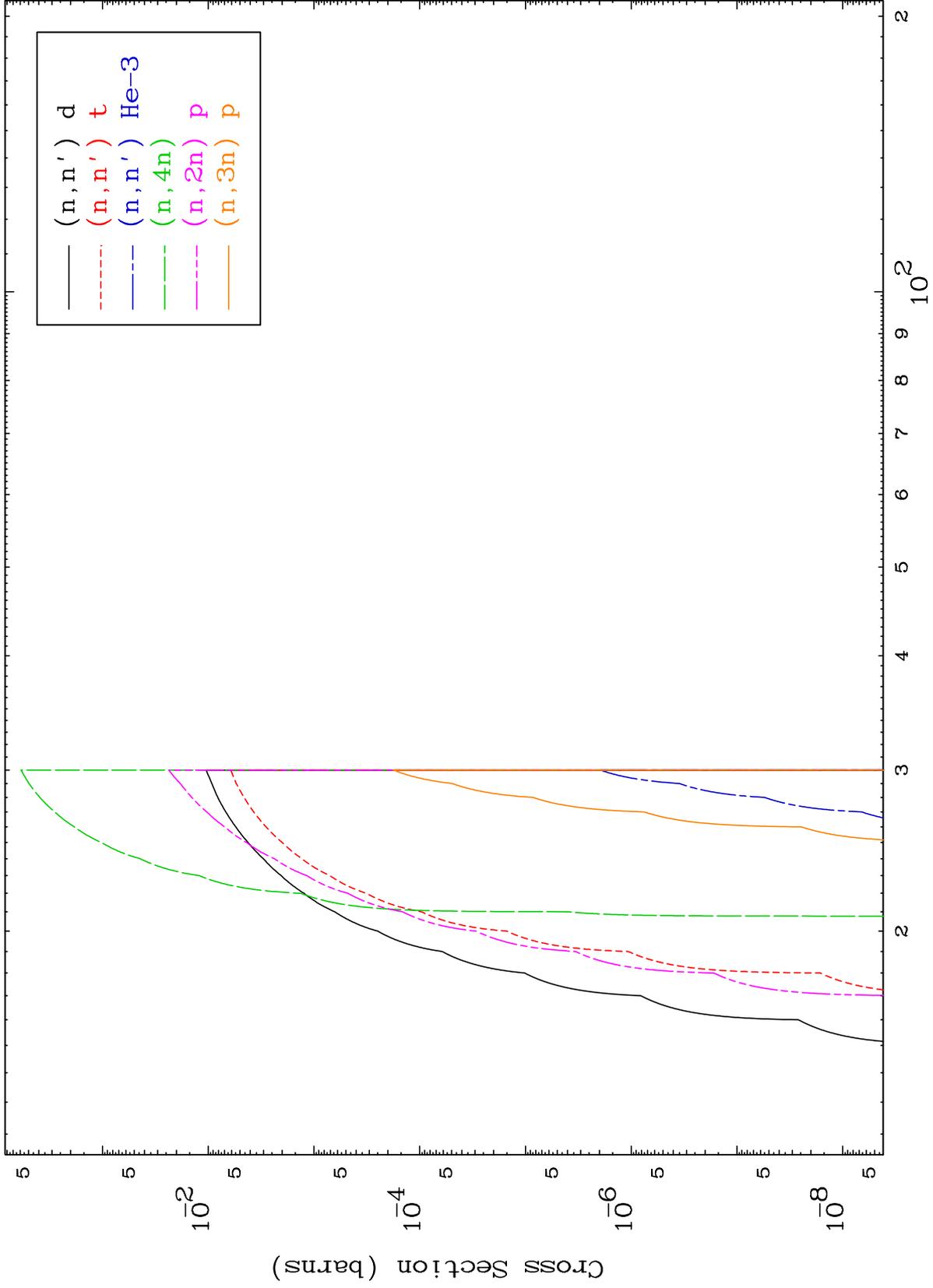
49-In-120



2

Incident Energy (MeV)

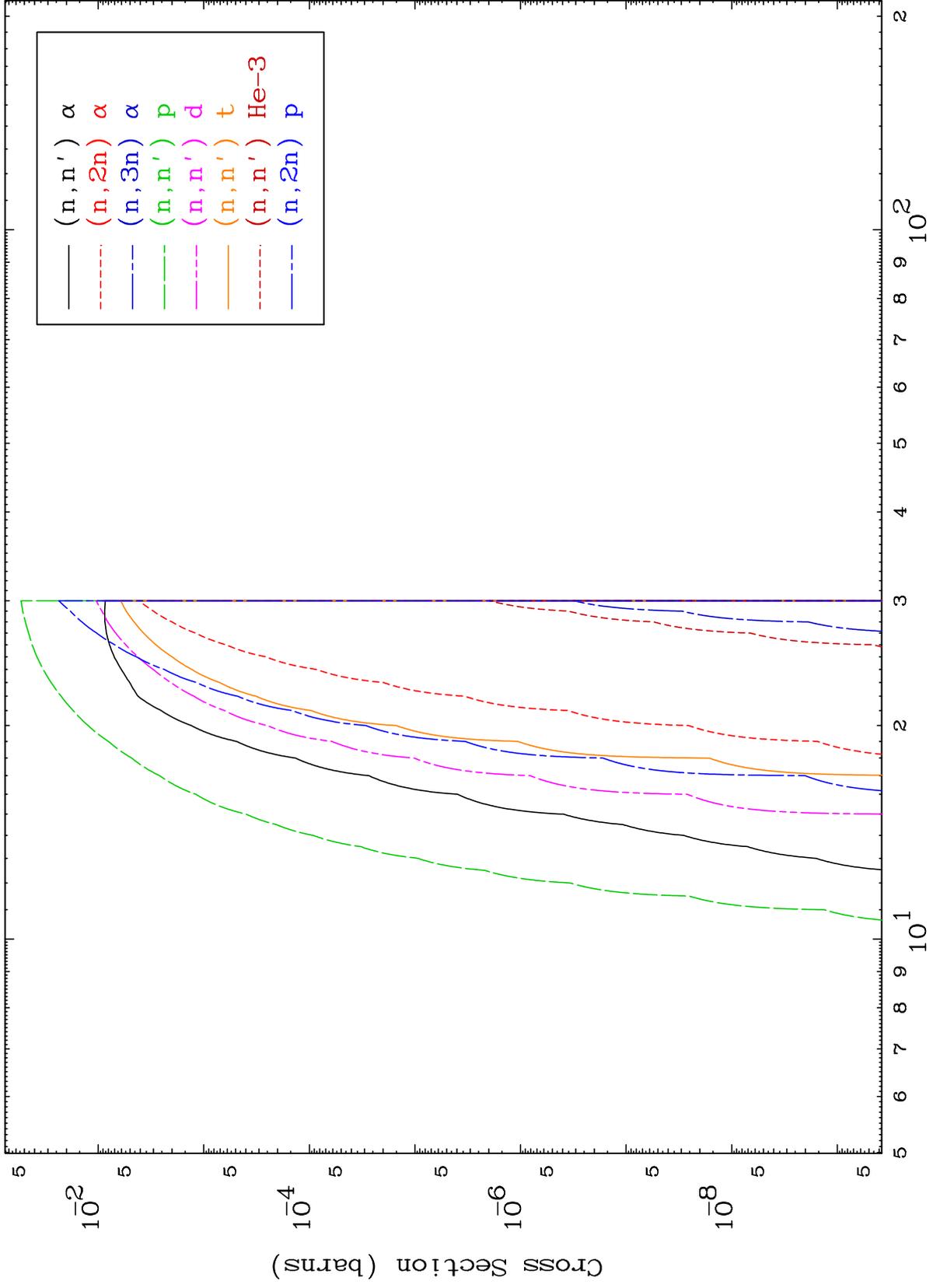
49-In-120



MAT 4948

Charged Particle
293 Kelvin Cross Sections

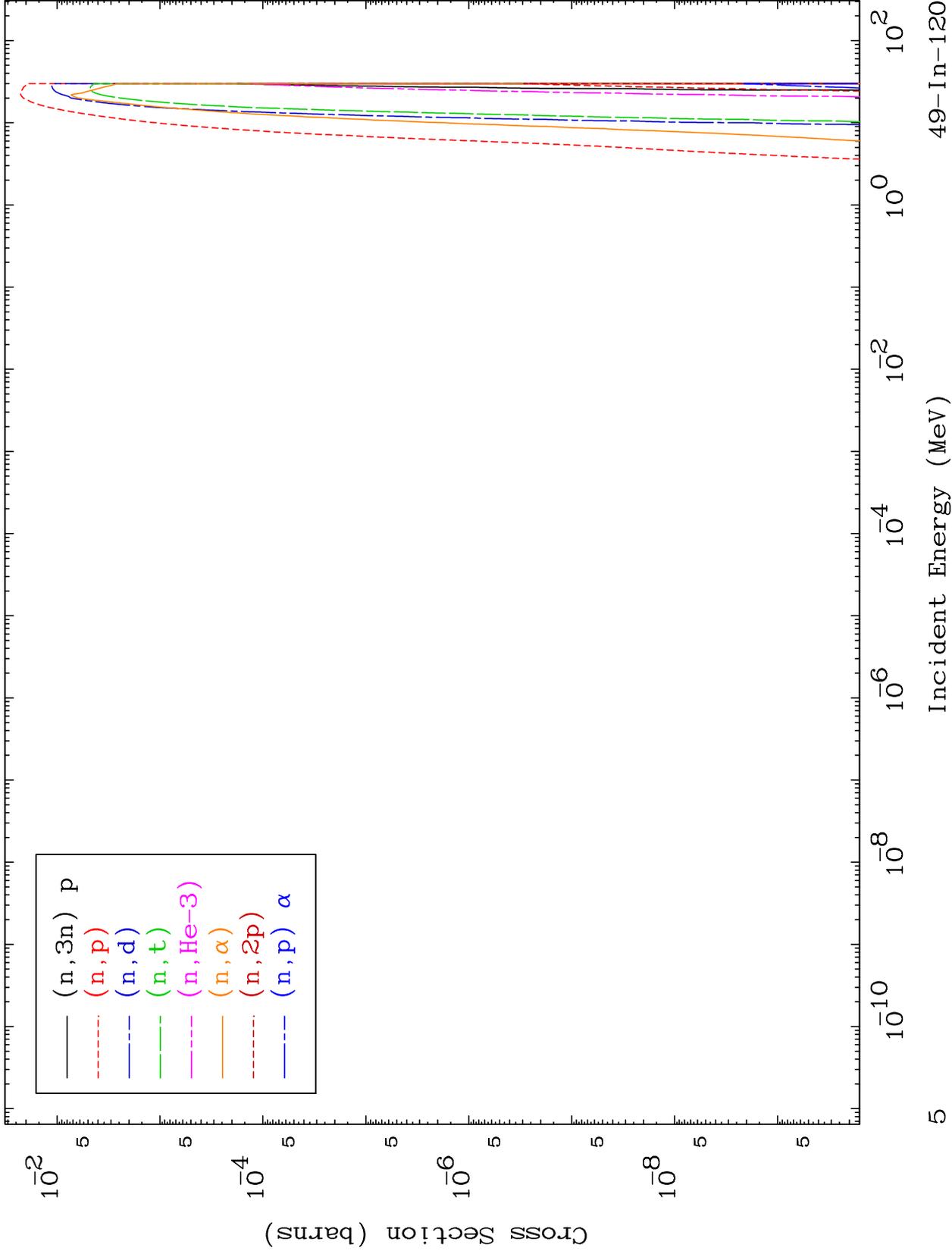
49-In-120



MAT 4948

Charged Particle
293 Kelvin Cross Sections

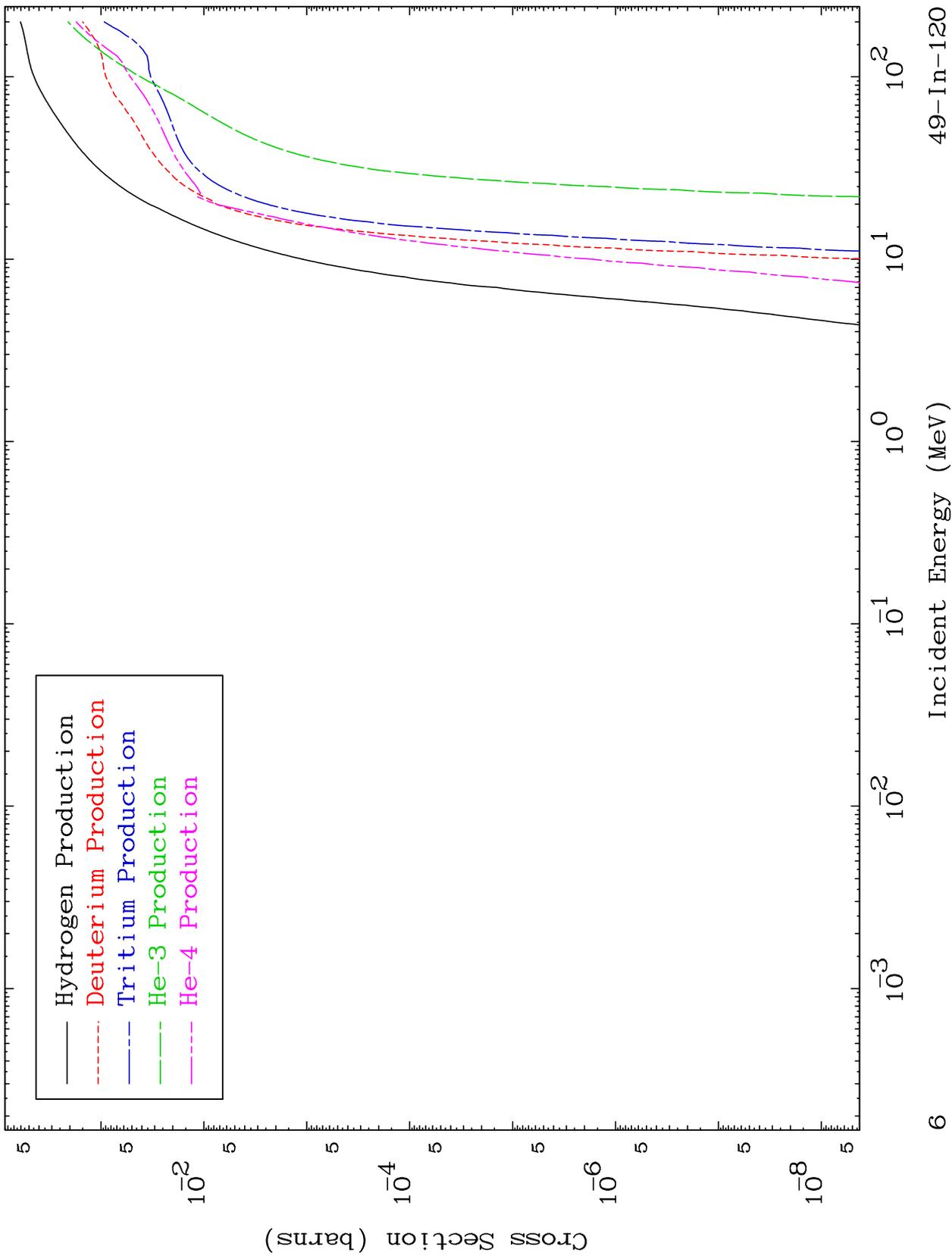
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MAT 4948

Particle Production
293 Kelvin Cross Sections

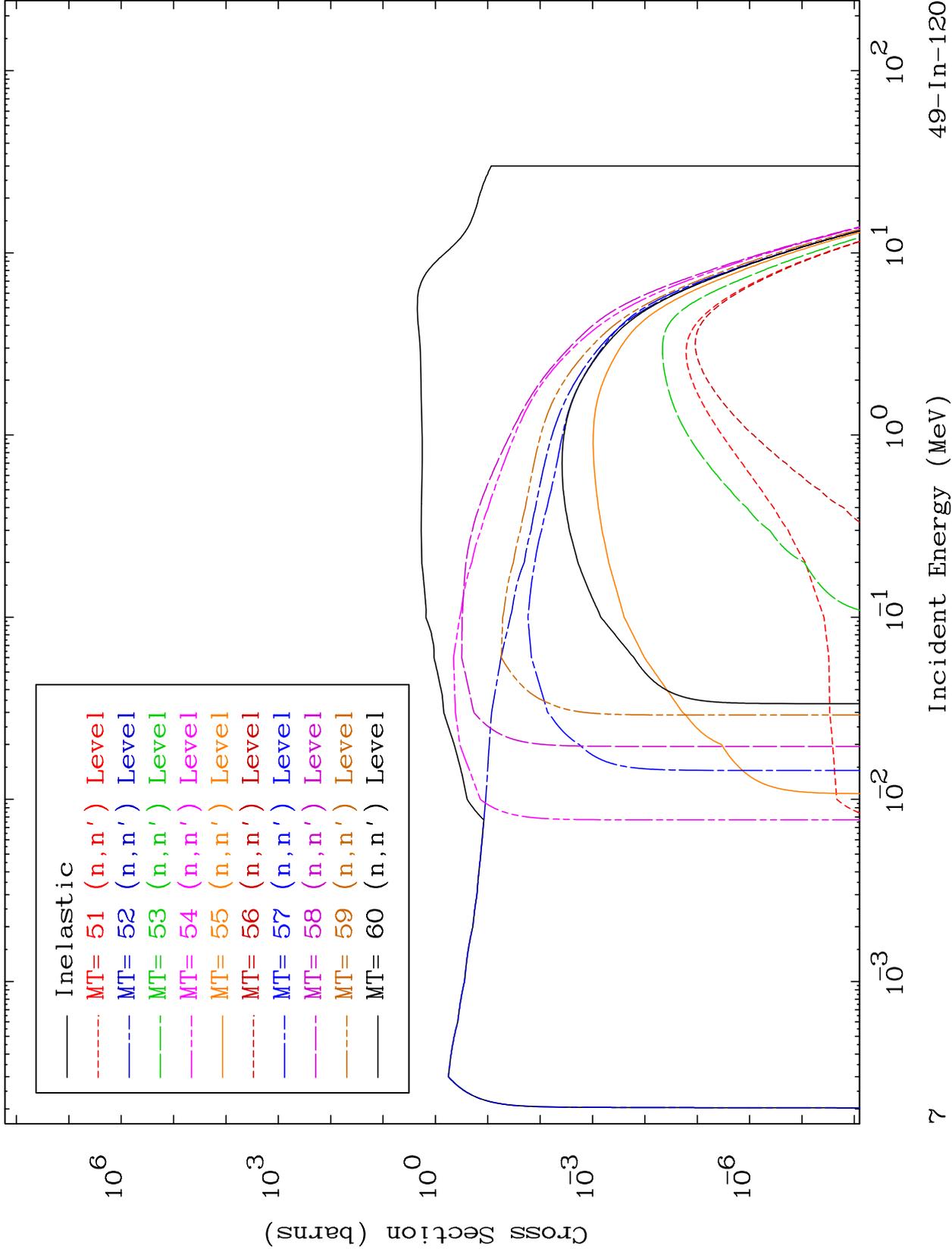
49-In-120



MAT 4948

(n,n') Level
293 Kelvin Cross Sections

49-In-120

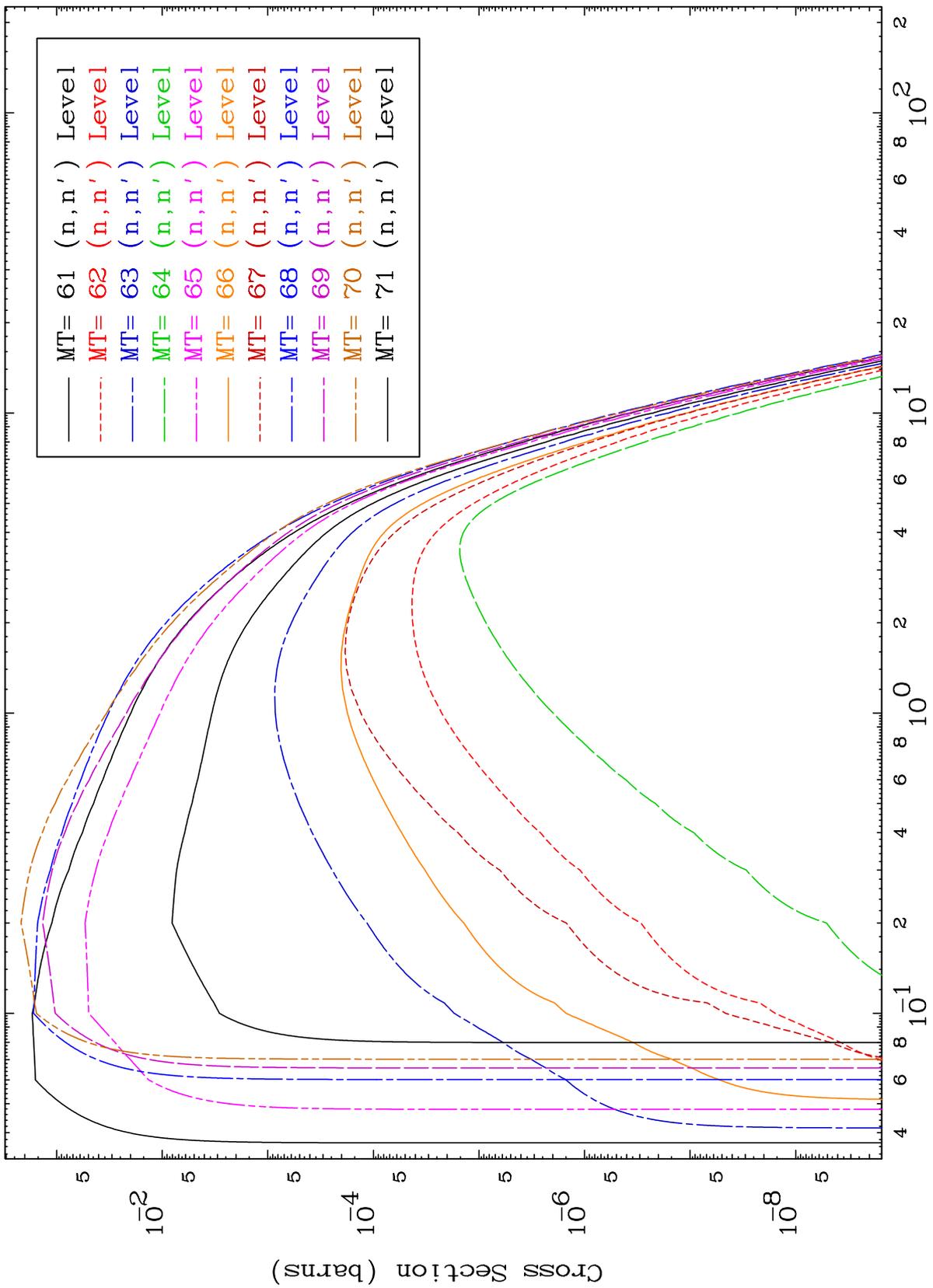


MAT 4948

(n,n') Level

49-In-120

293 Kelvin Cross Sections



8

Incident Energy (MeV)

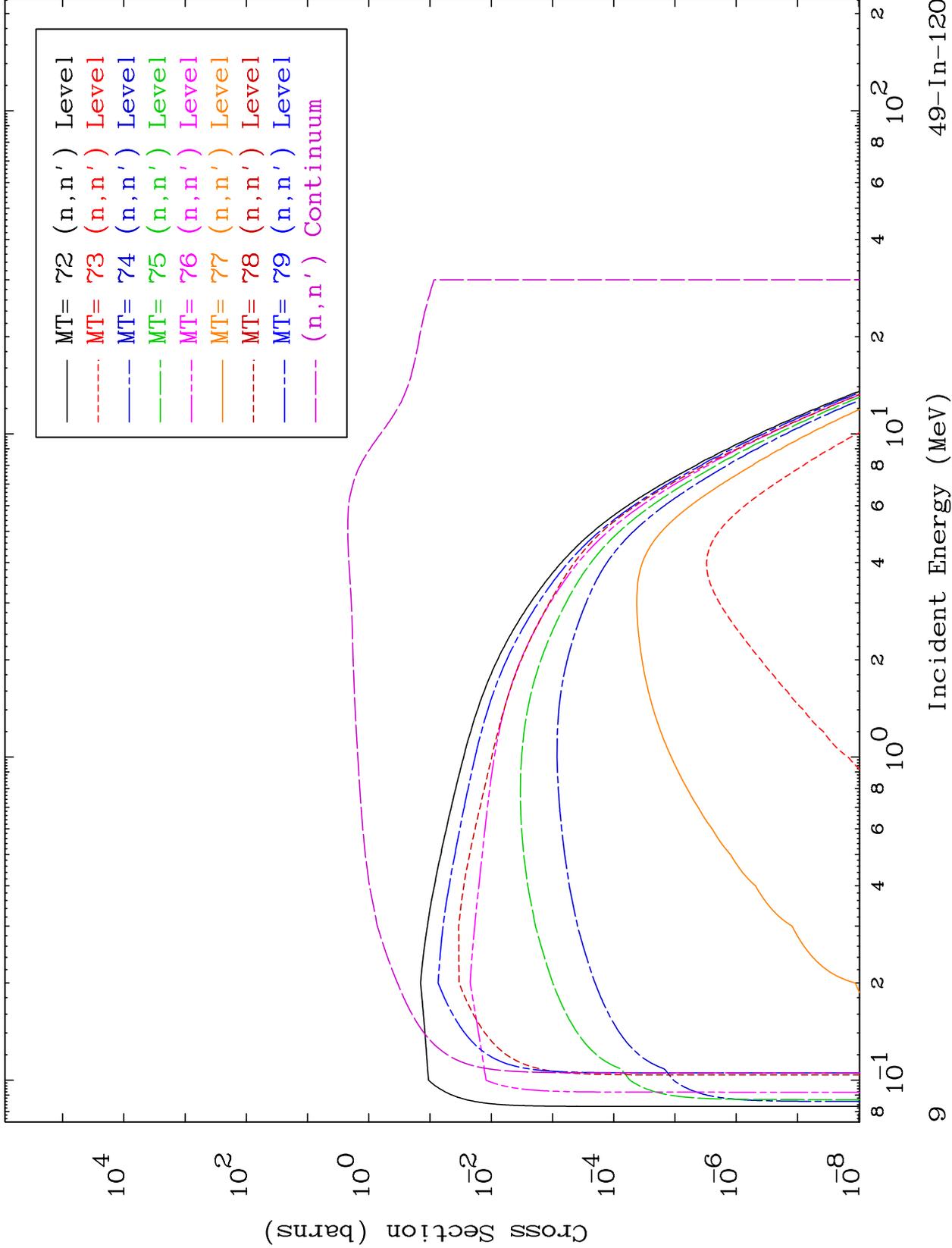
49-In-120

MAT 4948

(n,n') Level

293 Kelvin Cross Sections

49-In-120



9

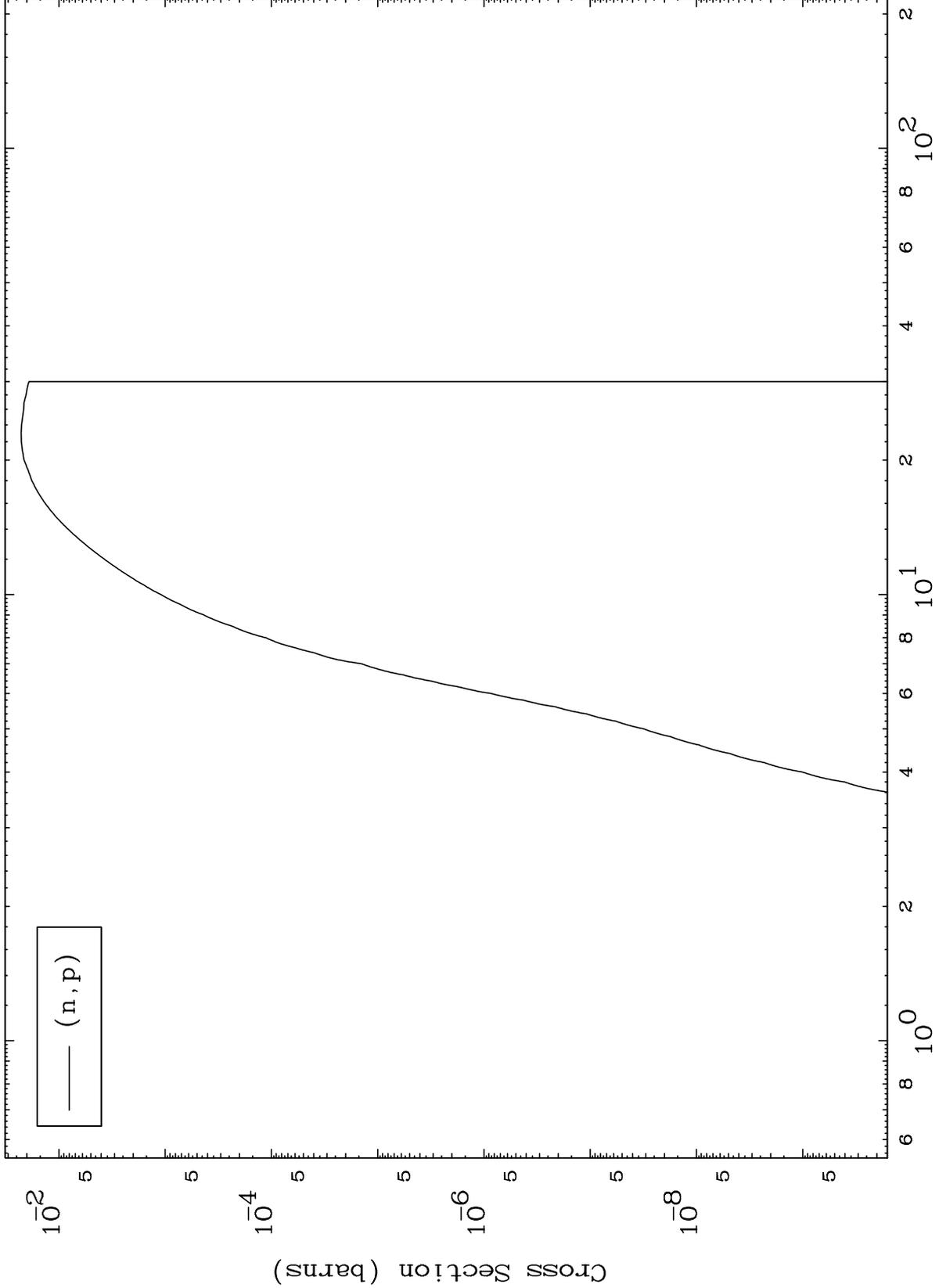
Incident Energy (MeV)

49-In-120

MAT 4948

(n,p) Levels
293 Kelvin Cross Sections

49-In-120



10

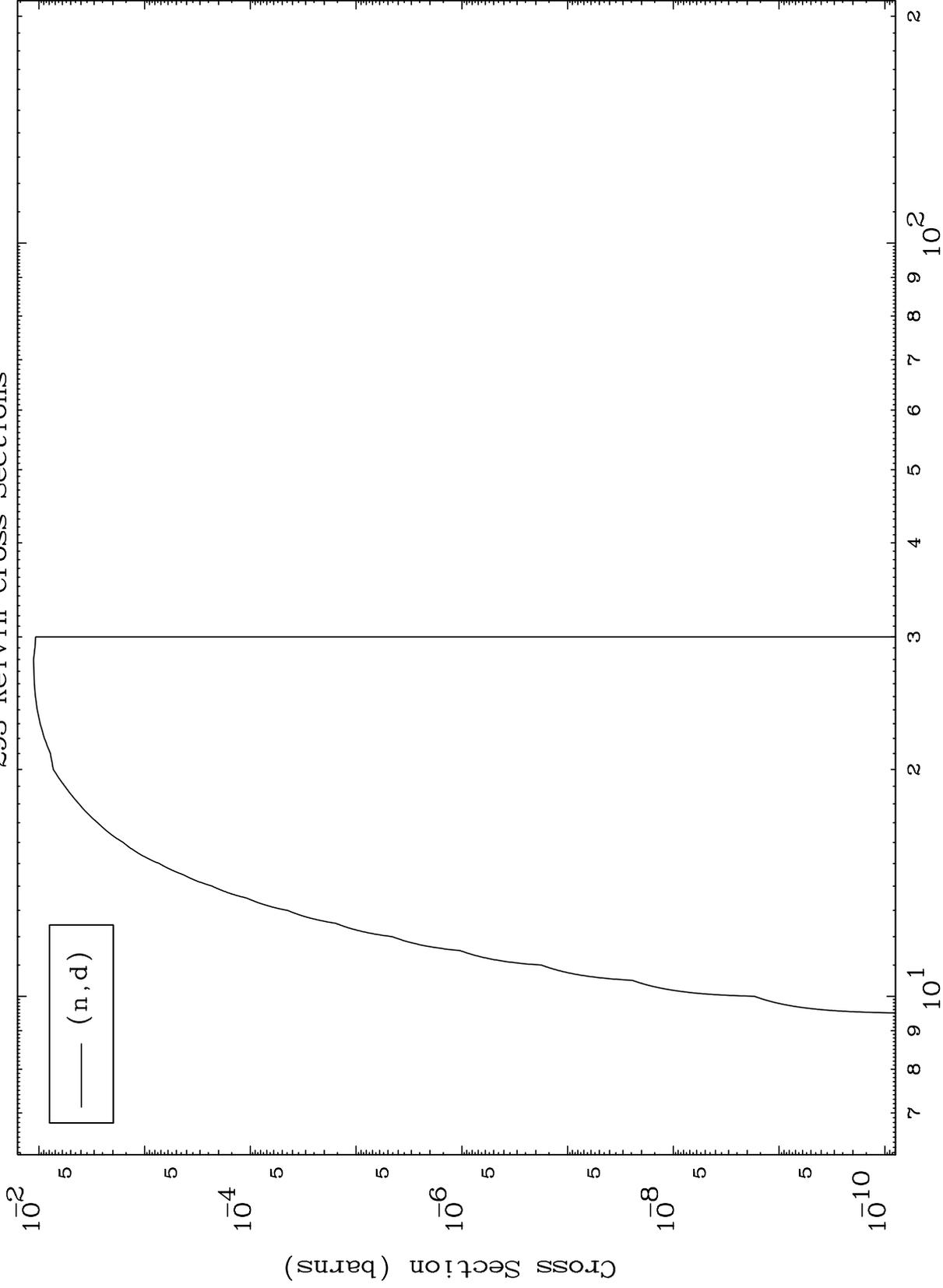
Incident Energy (MeV)

49-In-120

MAT 4948

(n,d) Levels
293 Kelvin Cross Sections

49-In-120



11

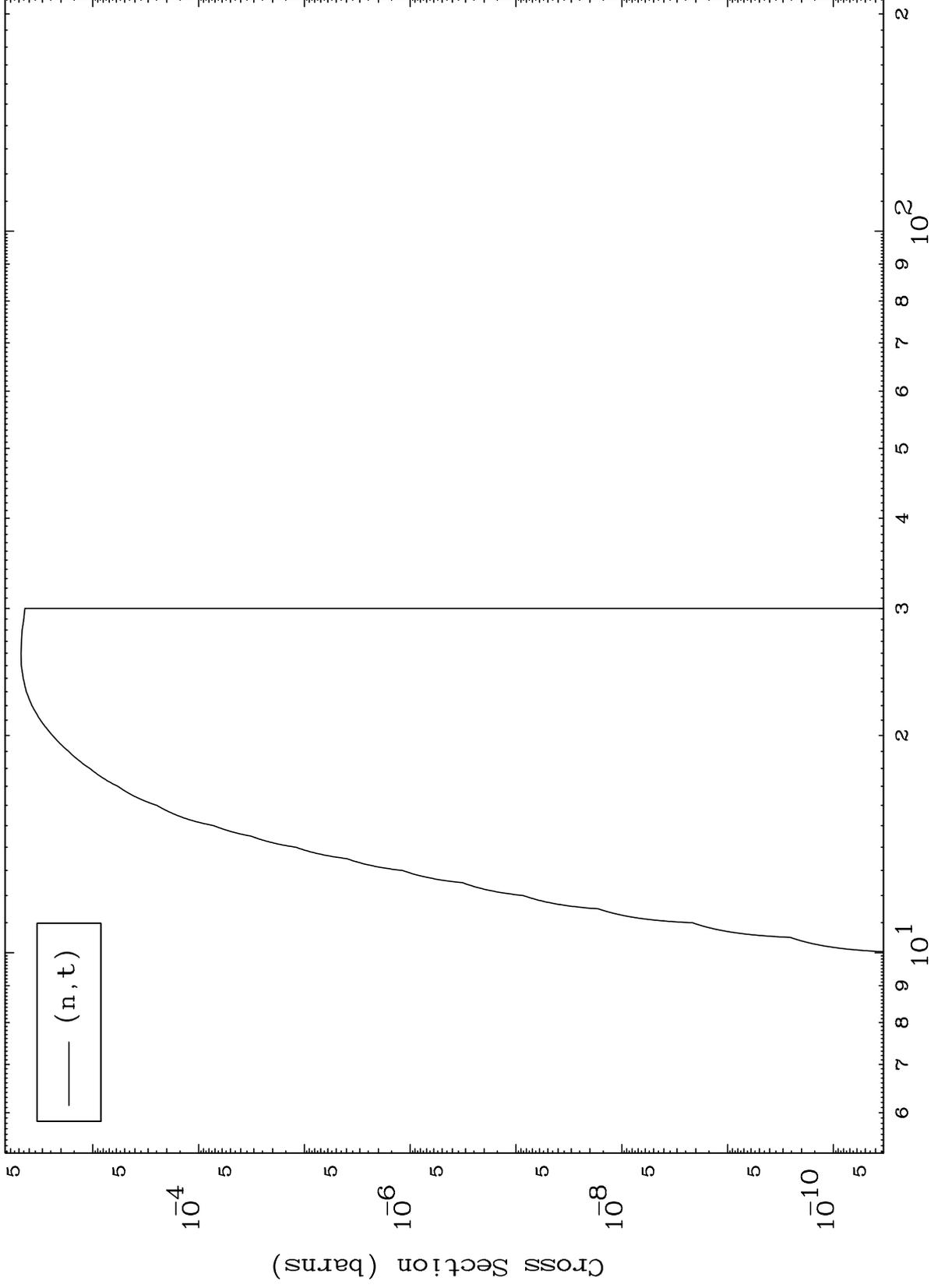
Incident Energy (MeV)

49-In-120

MAT 4948

(n,t) Levels
293 Kelvin Cross Sections

49-In-120



12

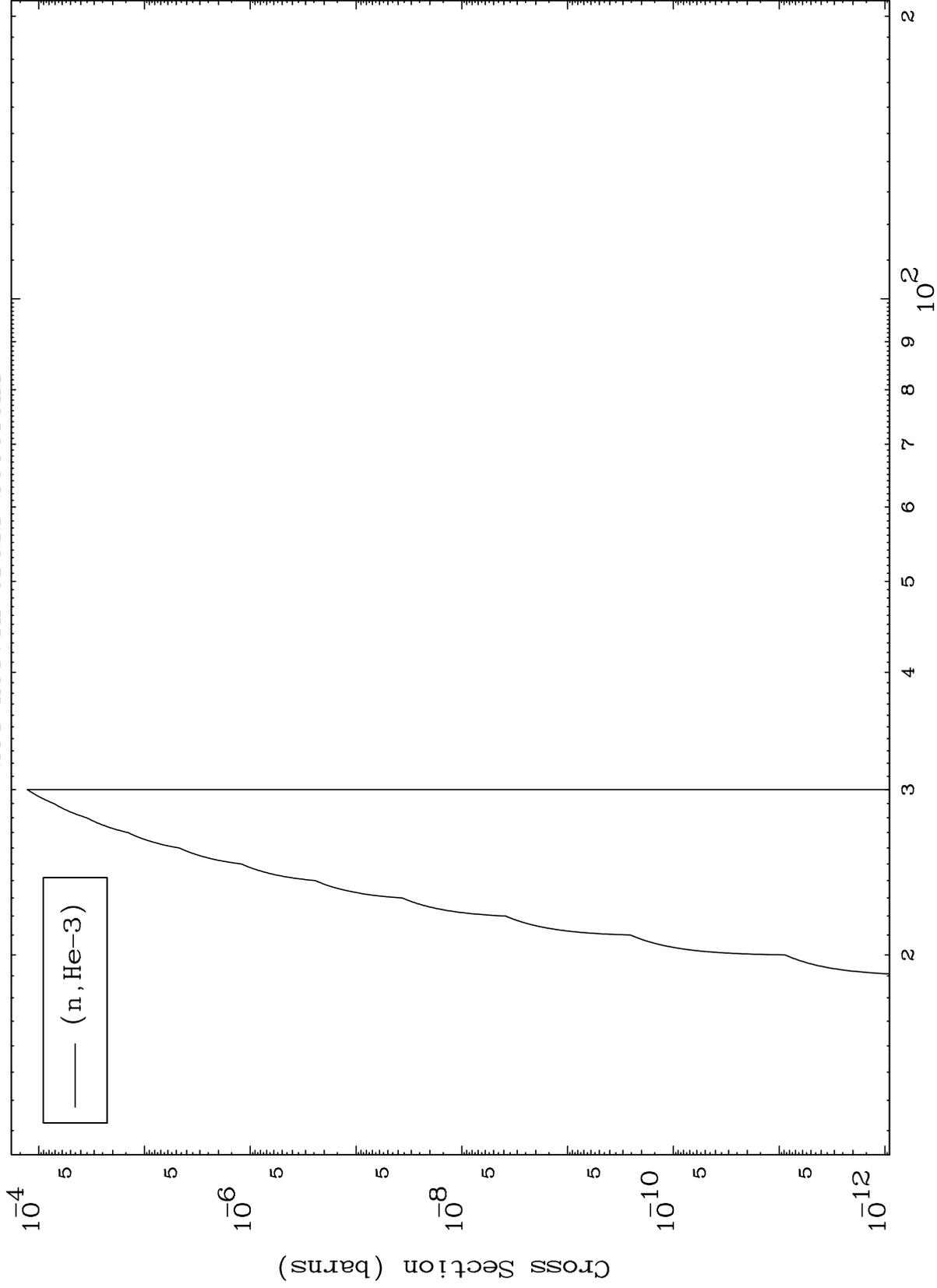
Incident Energy (MeV)

49-In-120

MAT 4948

(n,He3) Levels
293 Kelvin Cross Sections

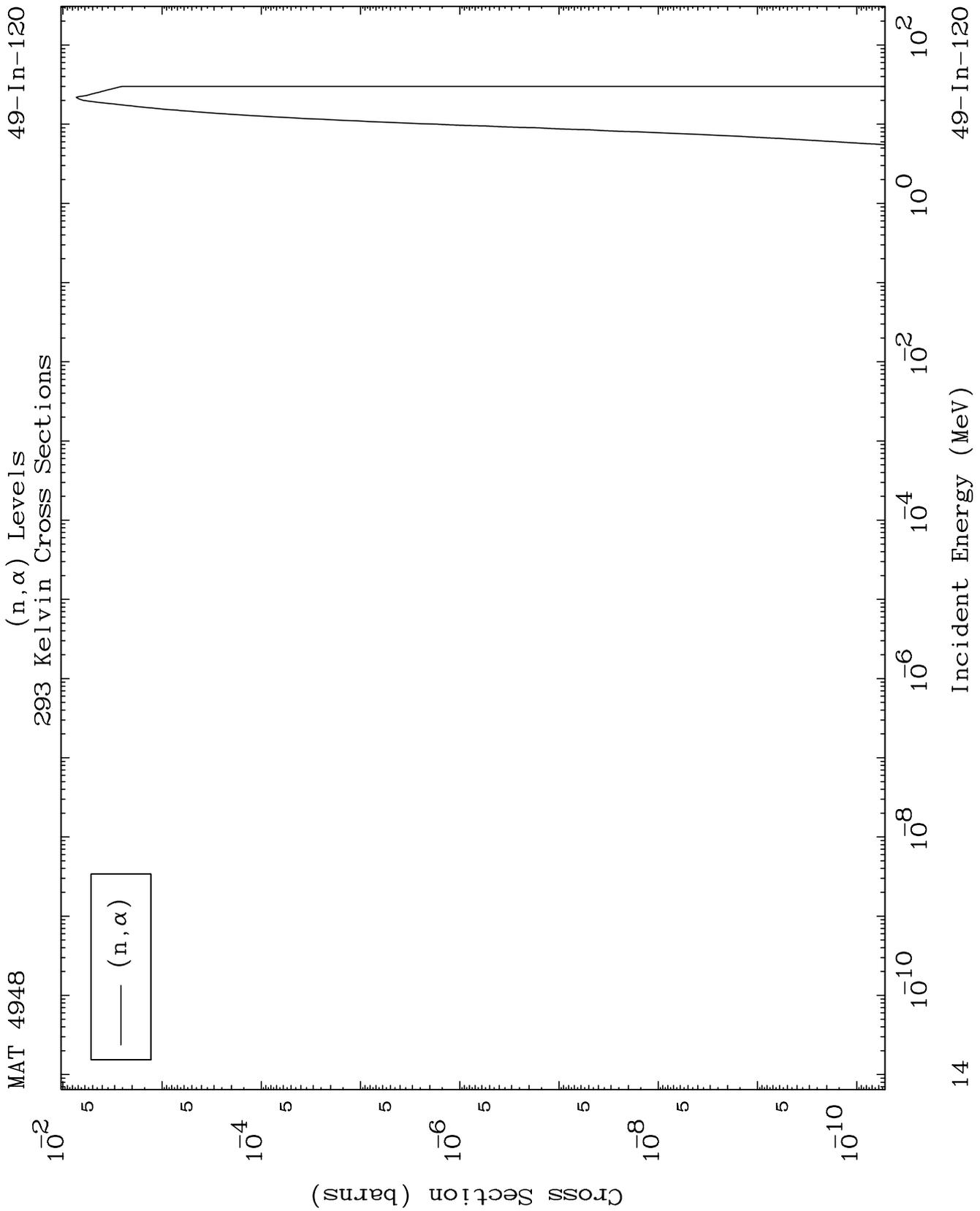
49-In-120



13

Incident Energy (MeV)

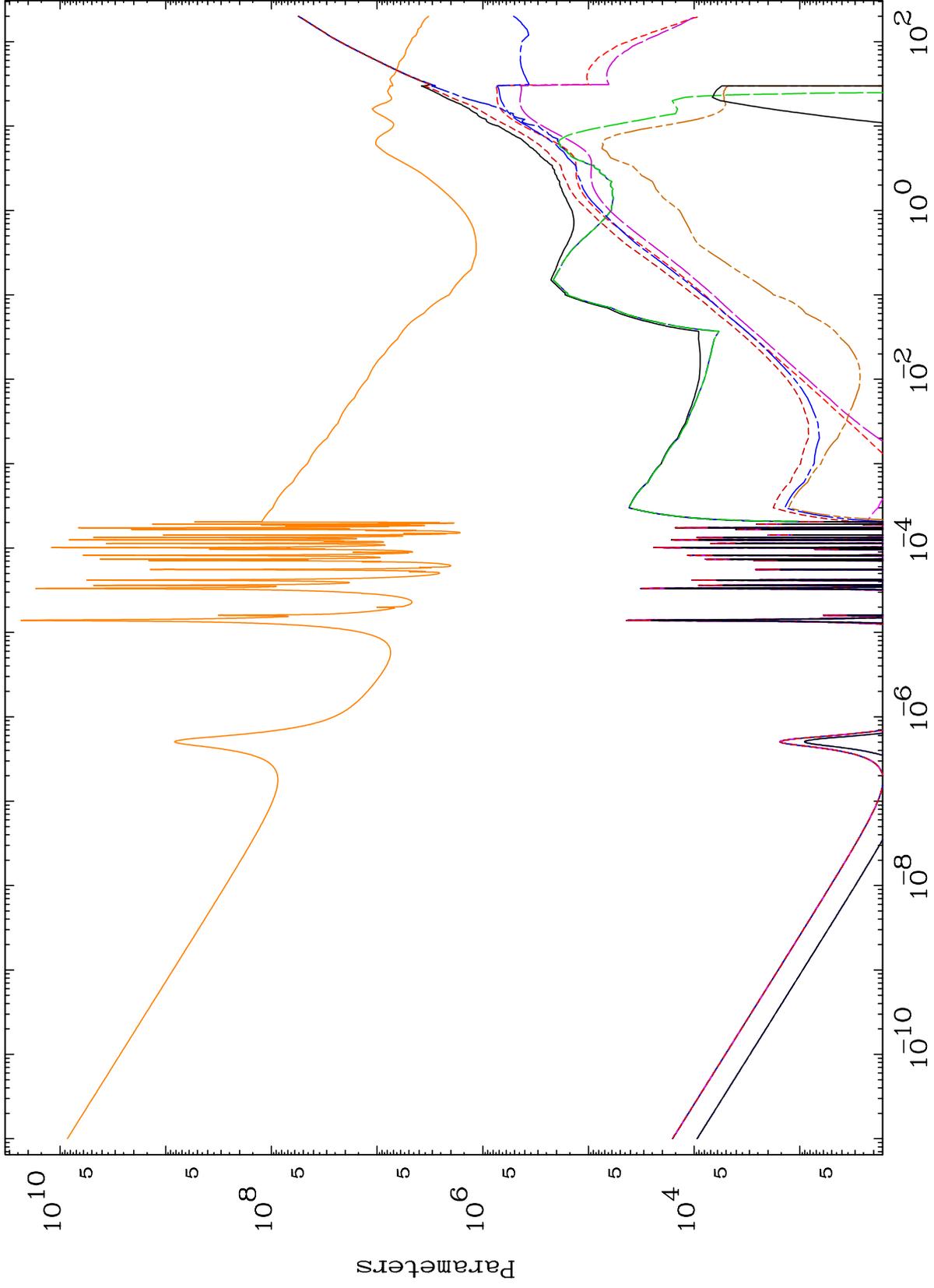
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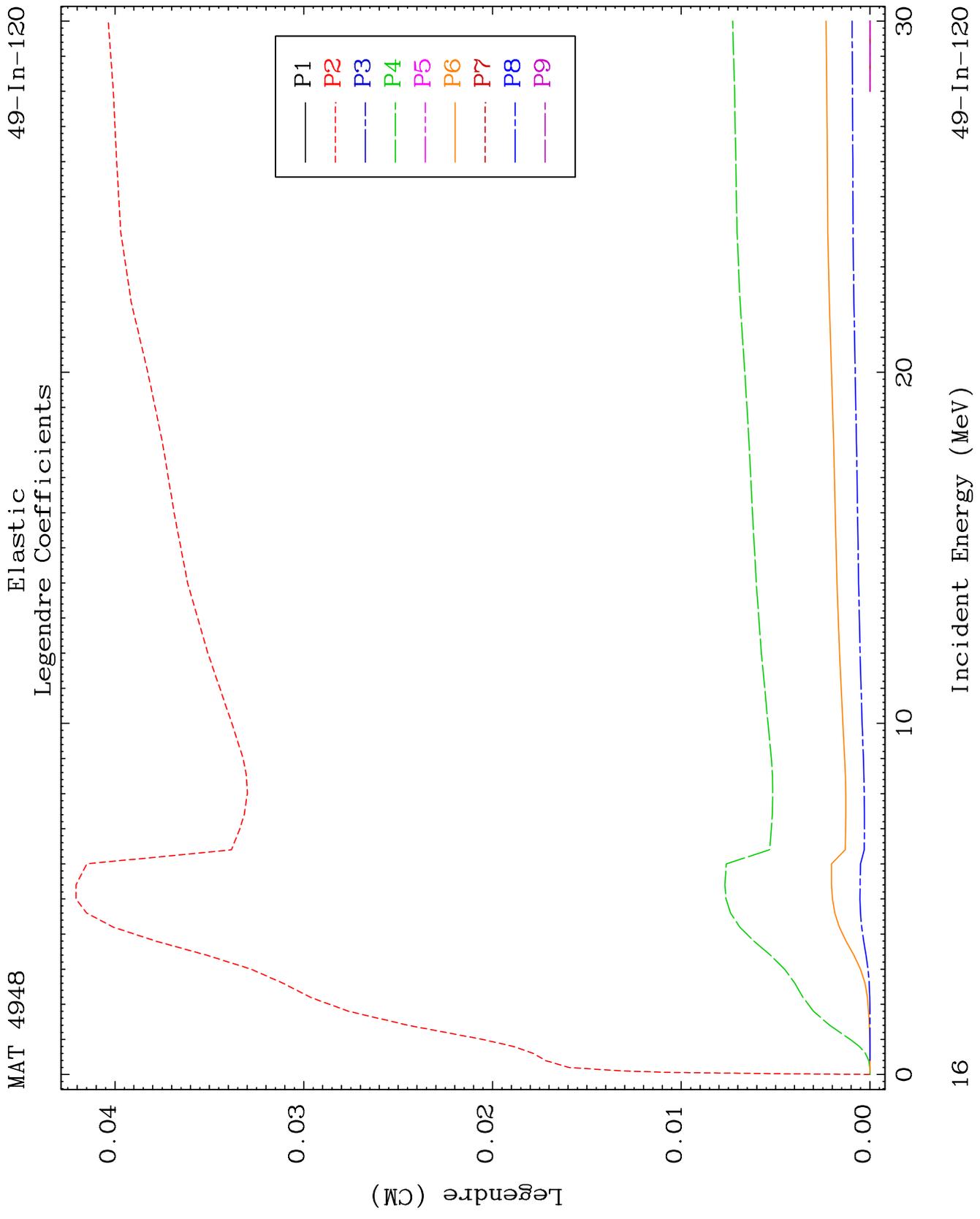


MAT 4948

Energy Release
Parameters

49-In-120

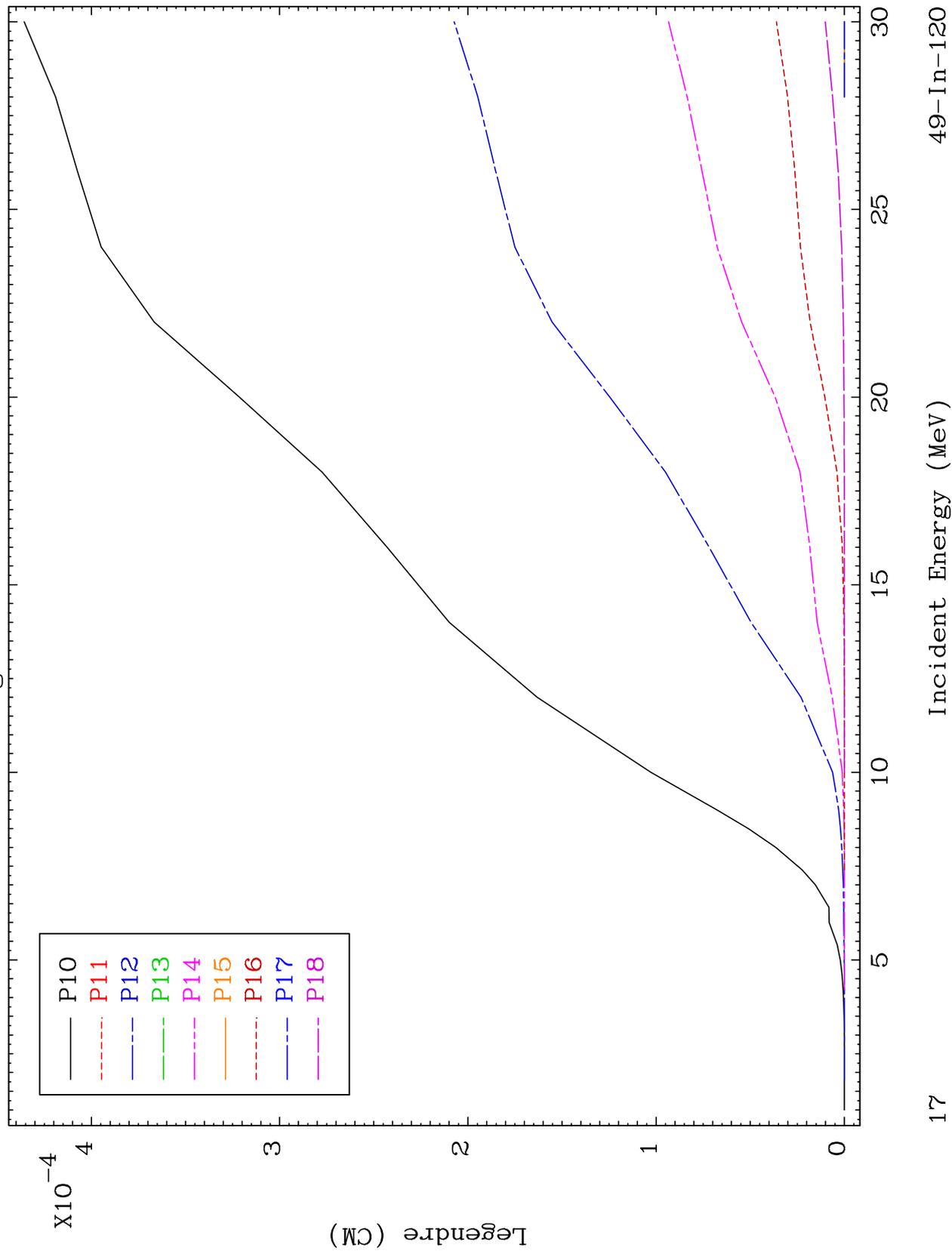




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Elastic Legendre Coefficients

49-In-120



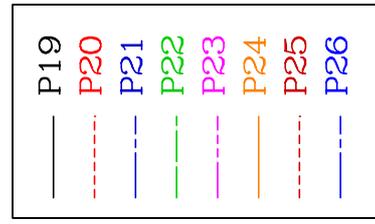
17

49-In-120

MAT 4948

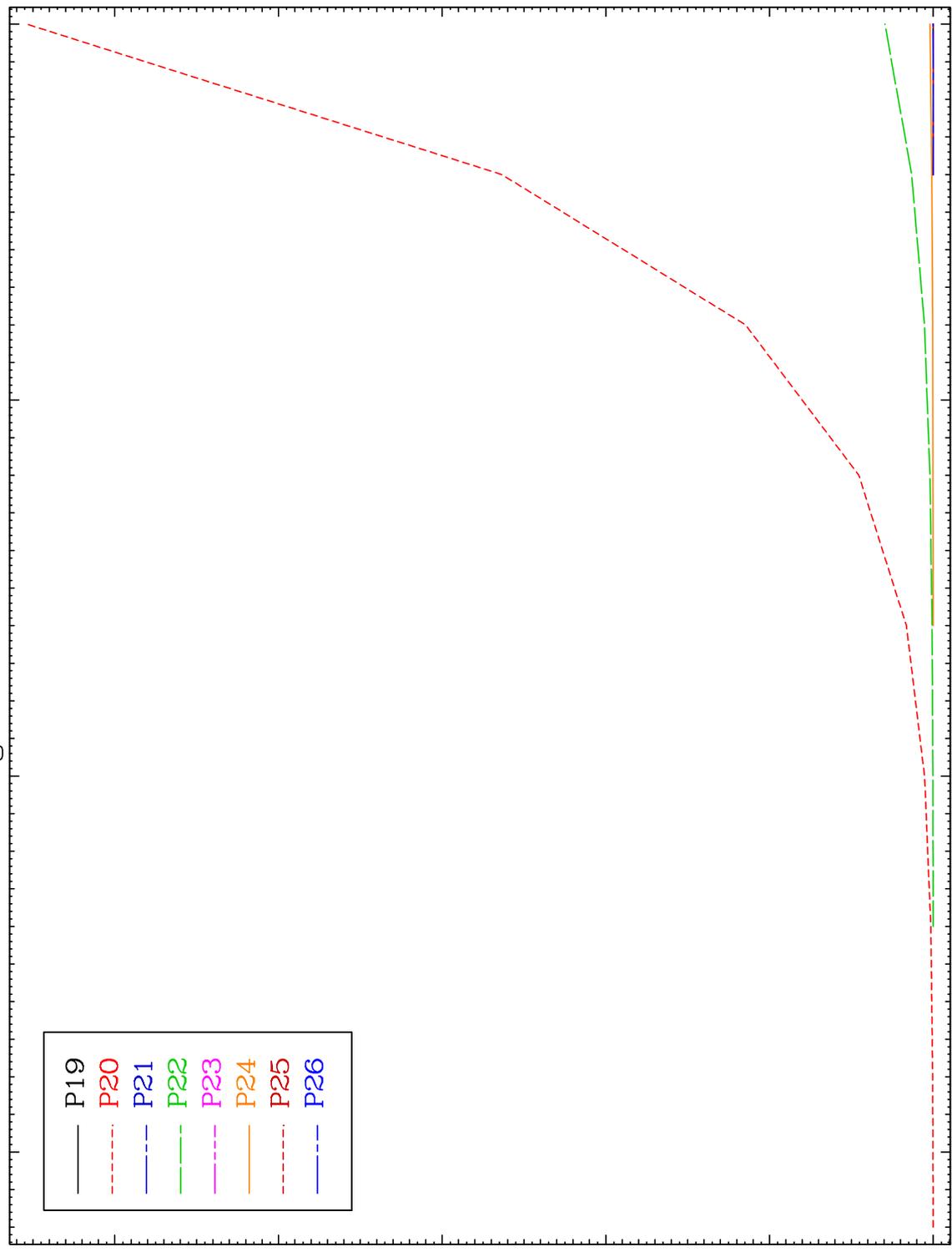
Elastic Legendre Coefficients

49-In-120



$\times 10^{-7}$

Legendre (CM)



18

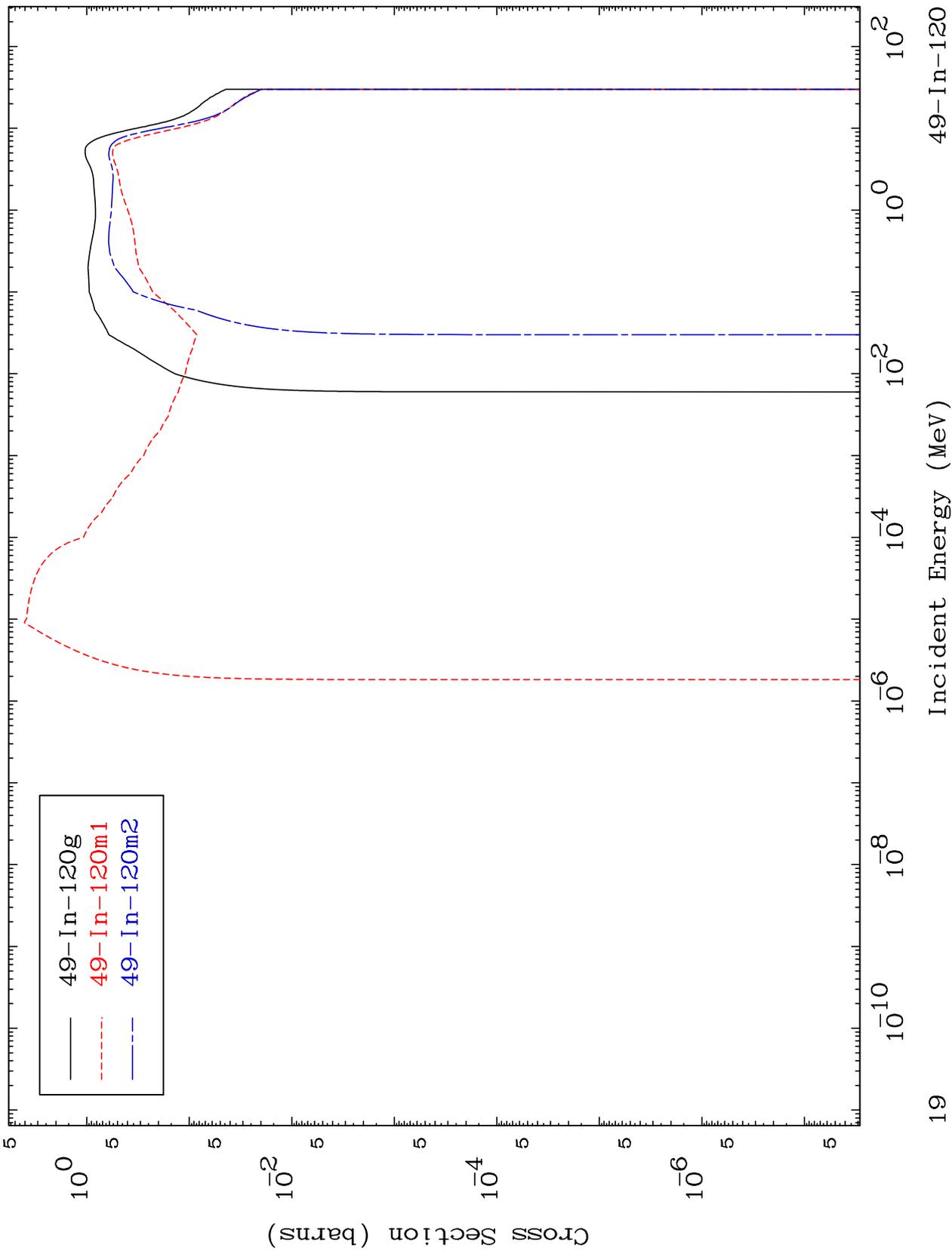
Incident Energy (MeV)

49-In-120

MAT 4948

49-In-120

Inelastic
Radionuclide Production Cross Section

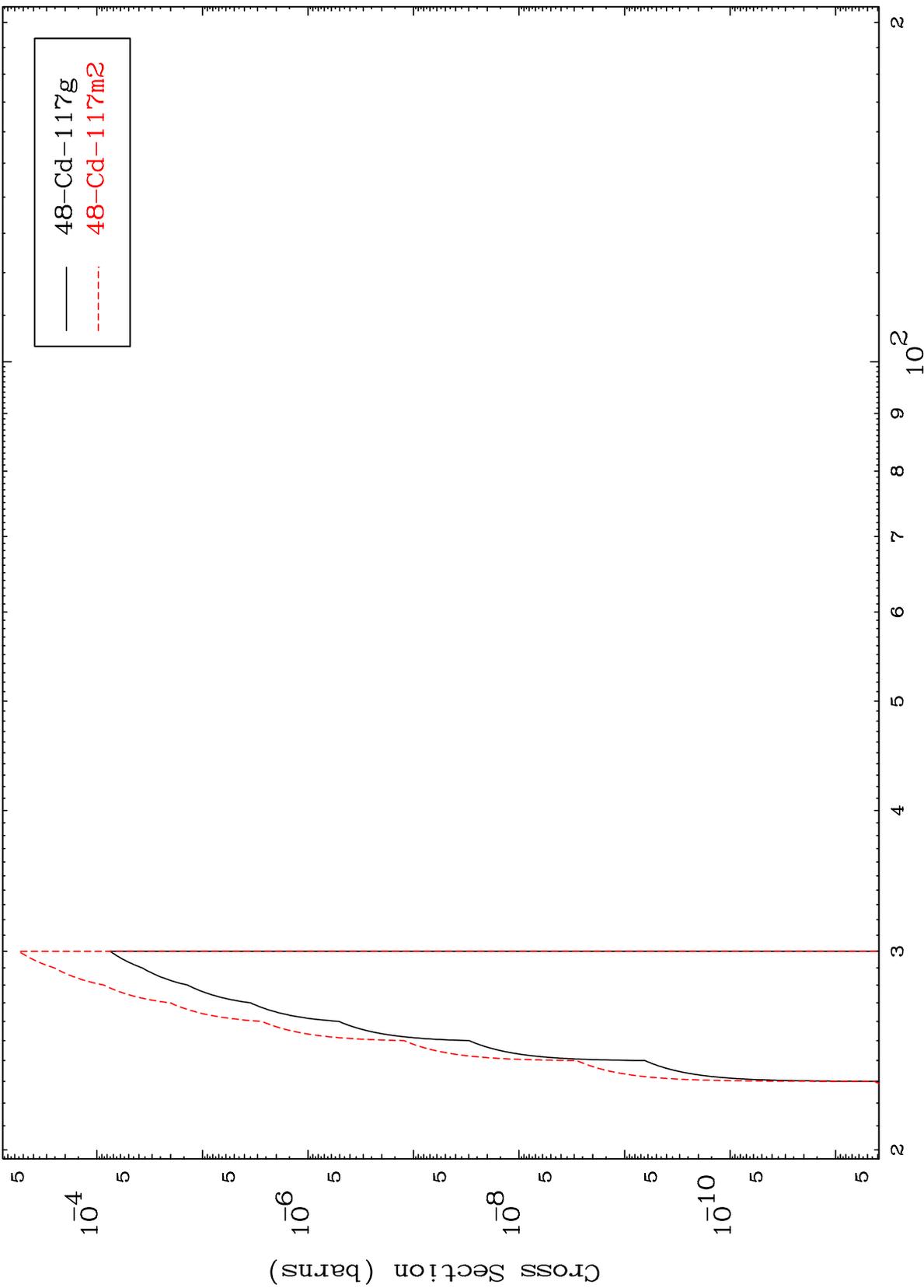


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(n,2n) d

49-In-120

Radionuclide Production Cross Section



20

Incident Energy (MeV)

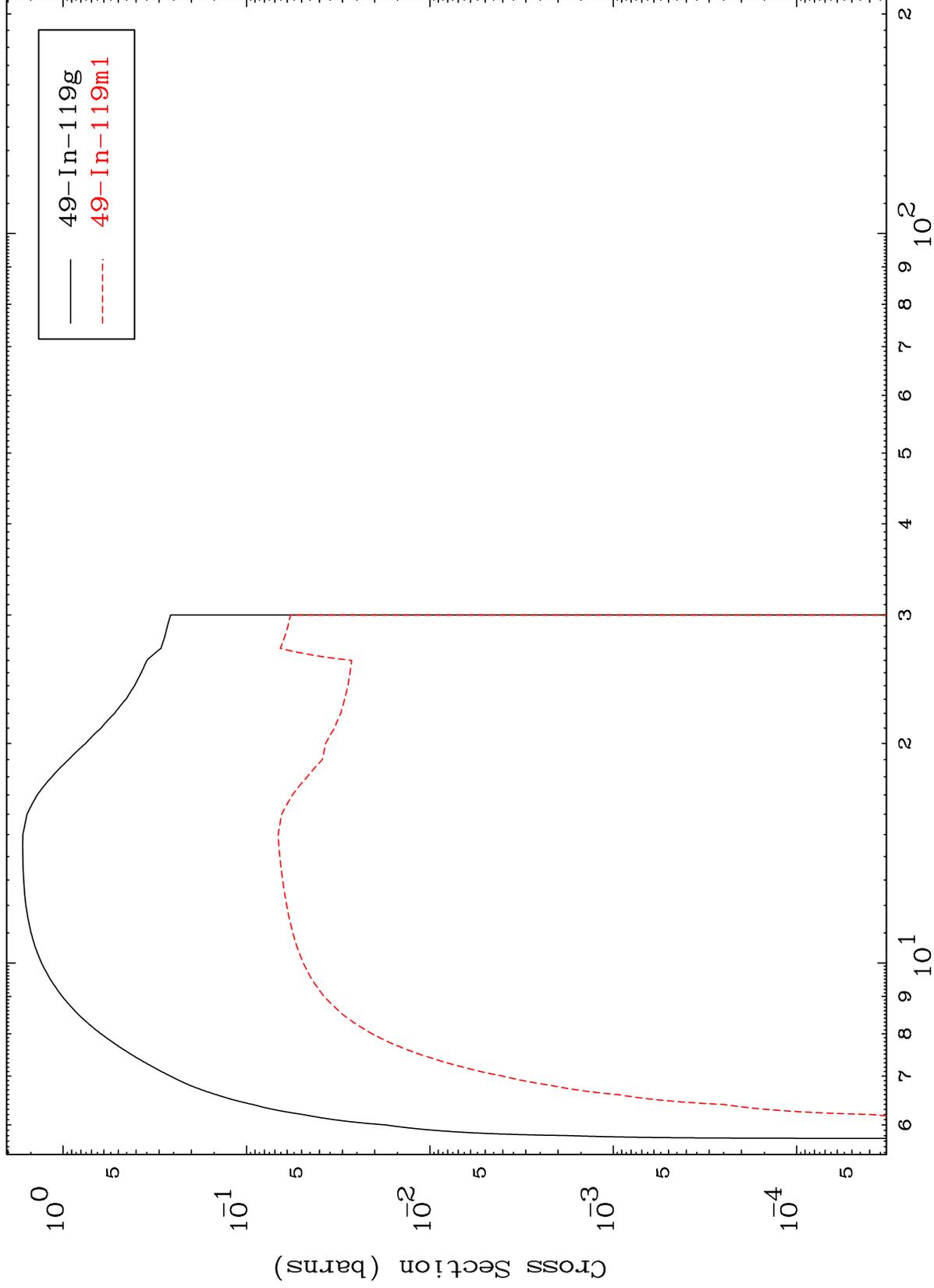
49-In-120

MAT 4948

(n,2n)

49-In-120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

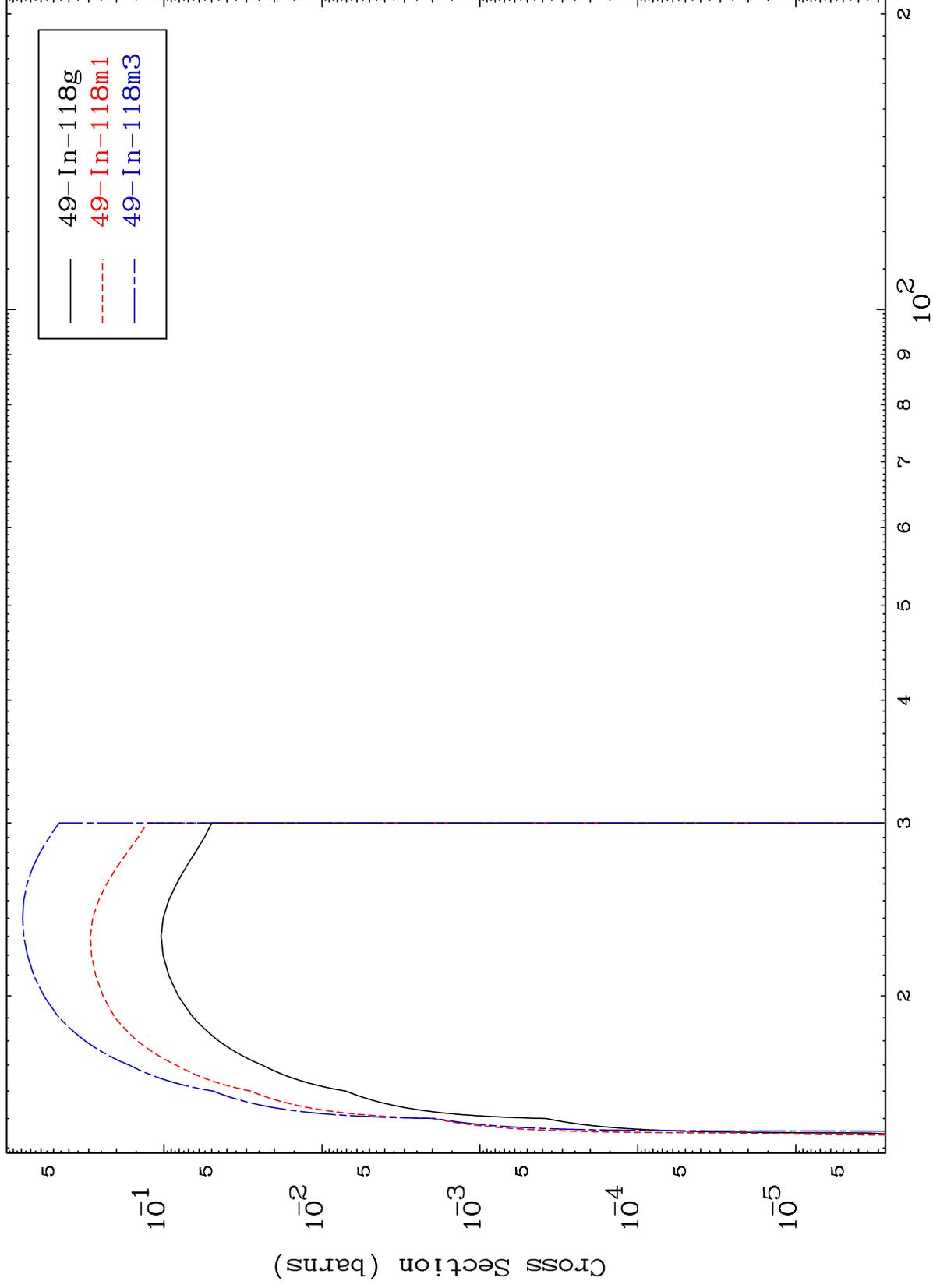
49-In-120

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(n,3n)

49-In-120

Radionuclide Production Cross Section



22

Incident Energy (MeV)

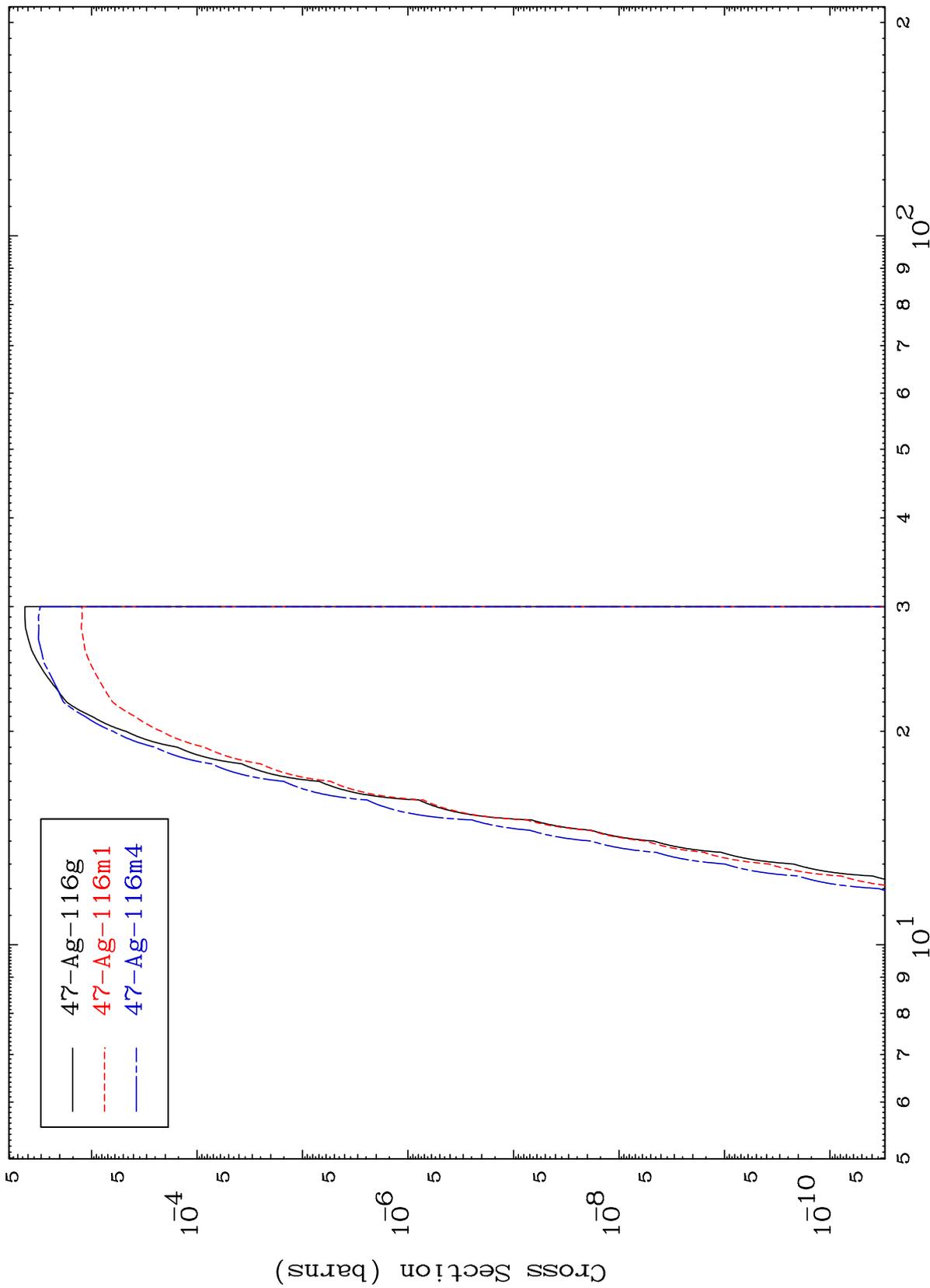
49-In-120

MAT 4948

49-In-120

(n,n') α

Radionuclide Production Cross Section



23

Incident Energy (MeV)

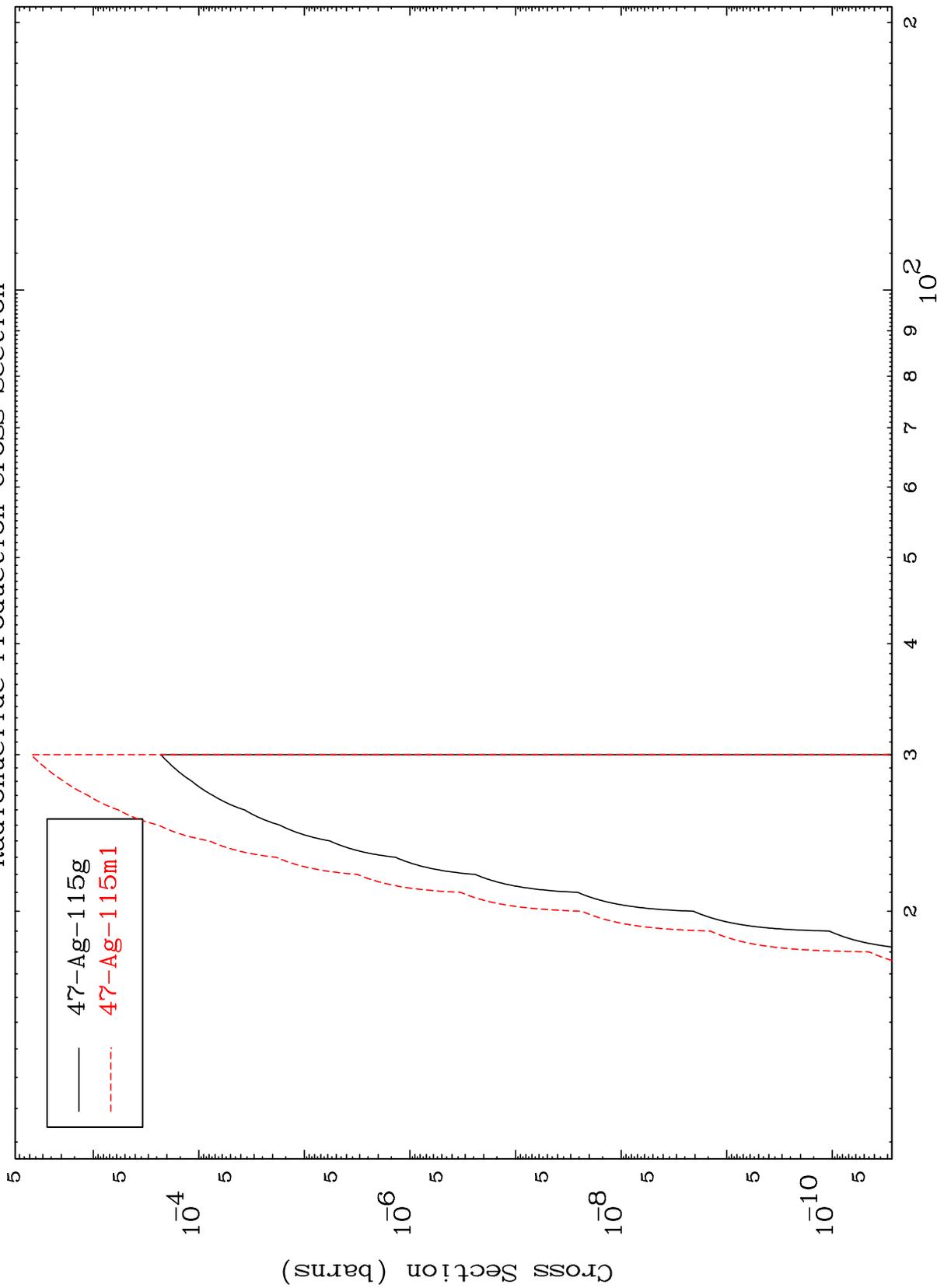
49-In-120

MAT 4948

49-In-120

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-120

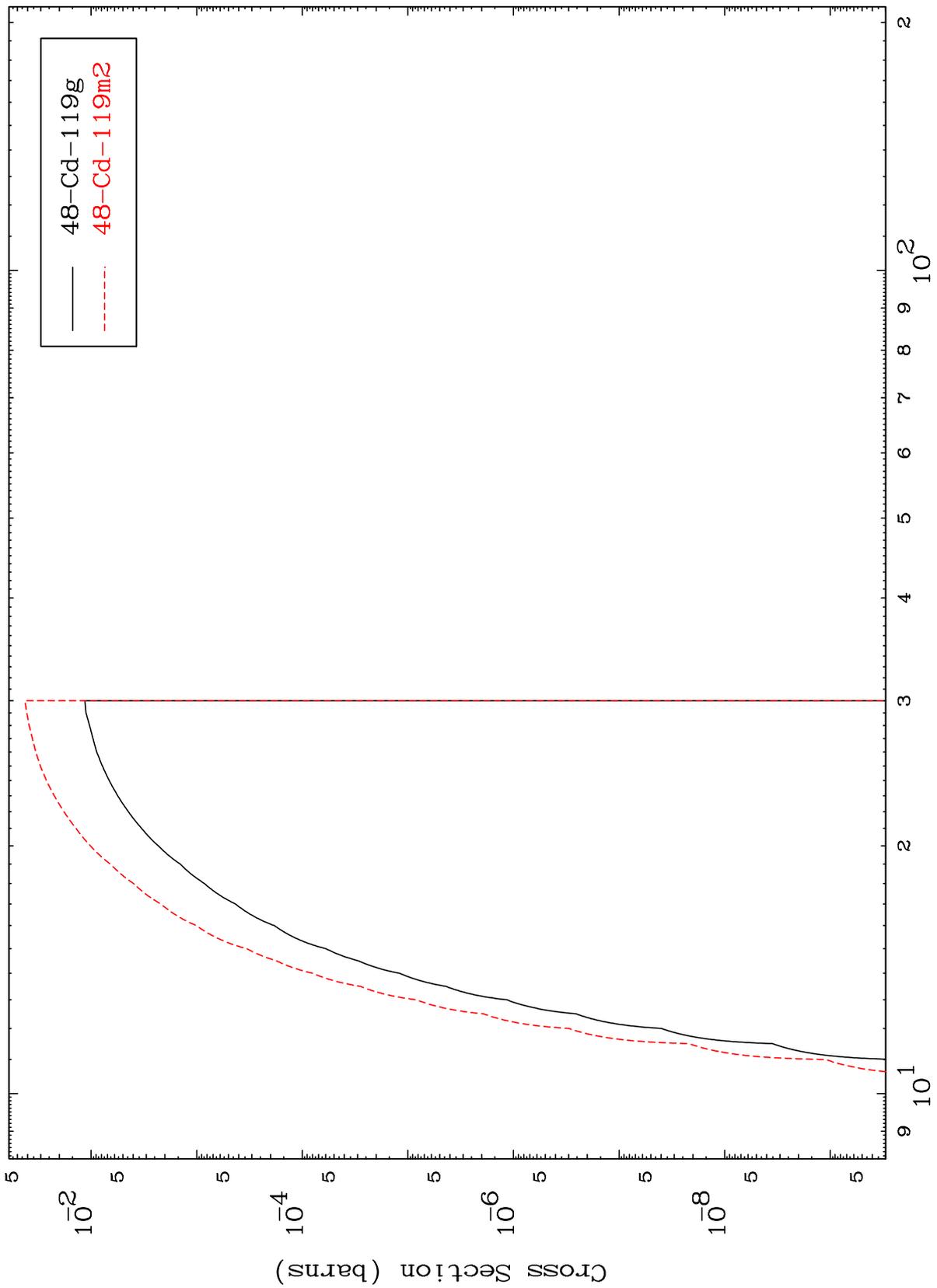
24

MAT 4948

(n,n') p

49-In-120

Radionuclide Production Cross Section



25

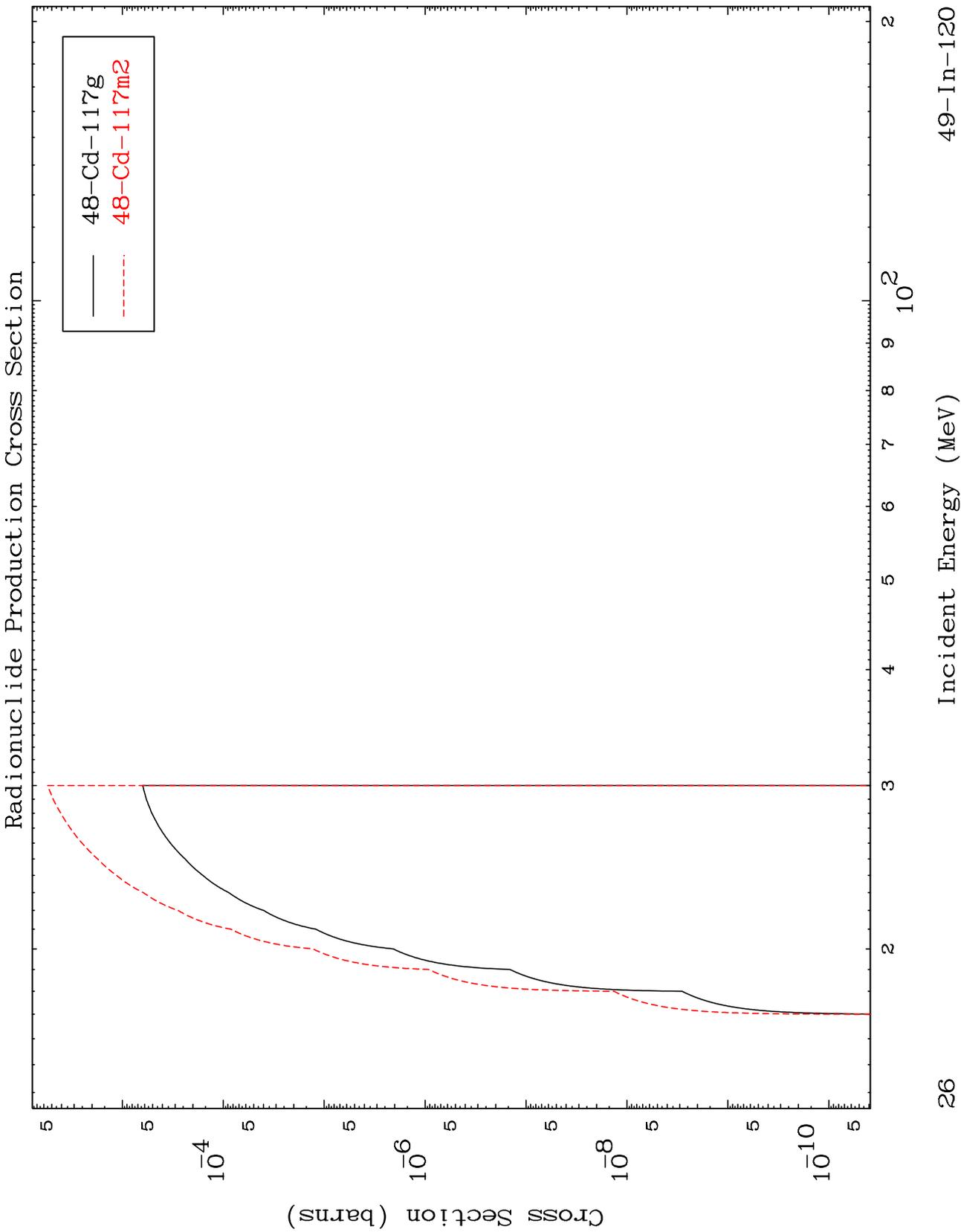
Incident Energy (MeV)

49-In-120

MAT 4948

(n,n') t

49-In-120



26

Incident Energy (MeV)

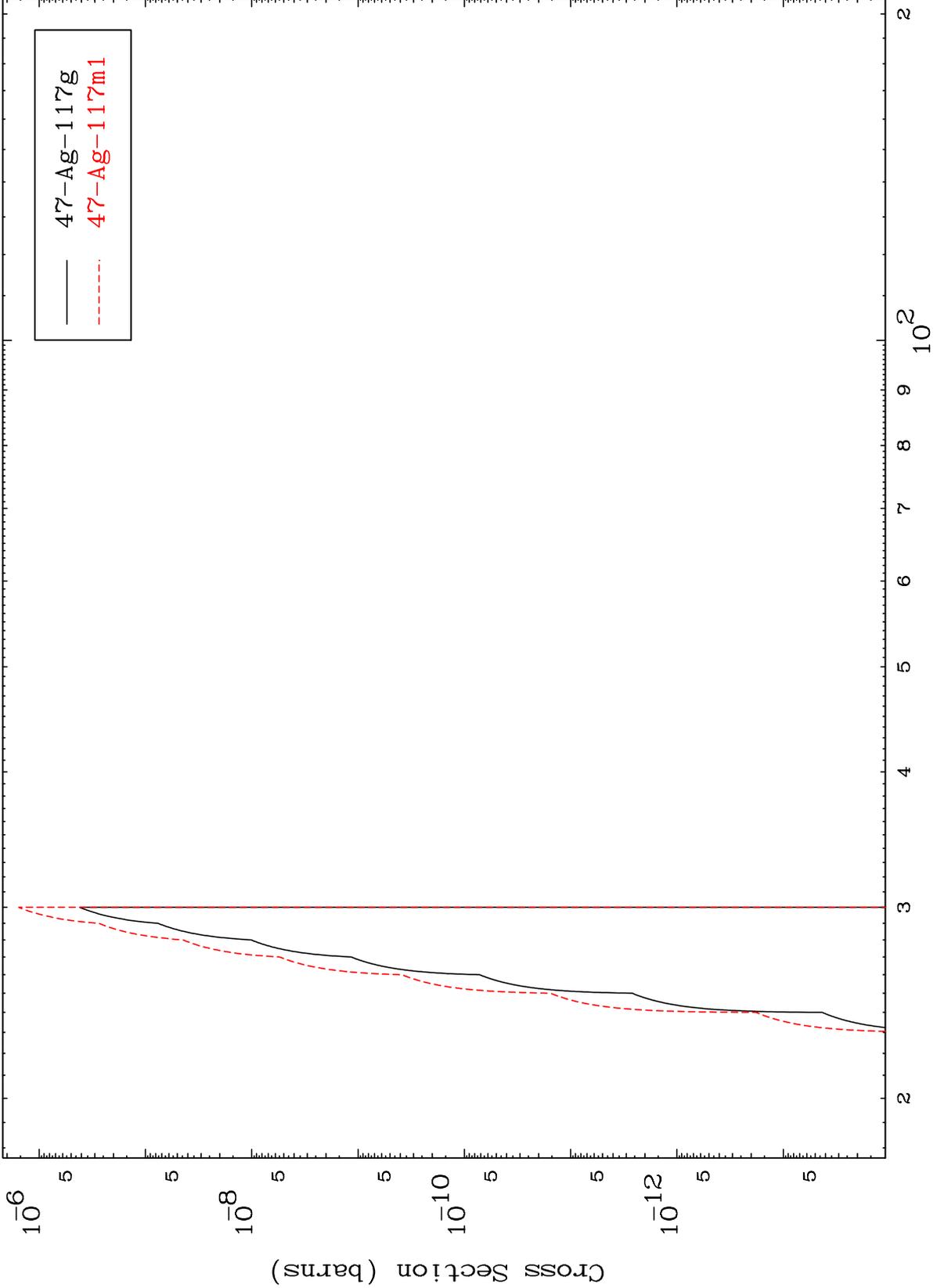
49-In-120

MAT 4948

(n,n') He-3

49-In-120

Radionuclide Production Cross Section



27

Incident Energy (MeV)

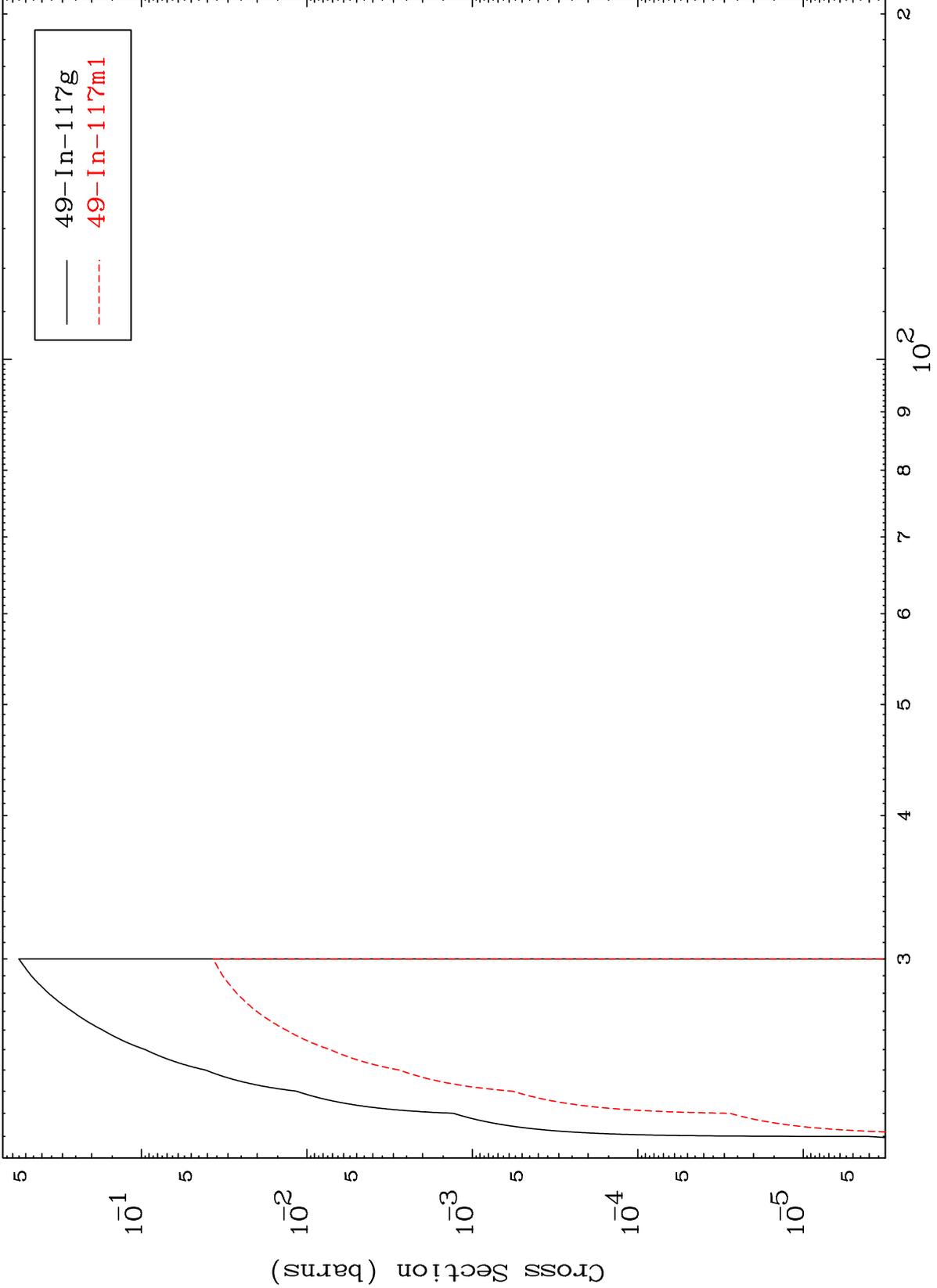
49-In-120

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(n,4n)

49-In-120

Radionuclide Production Cross Section



28

Incident Energy (MeV)

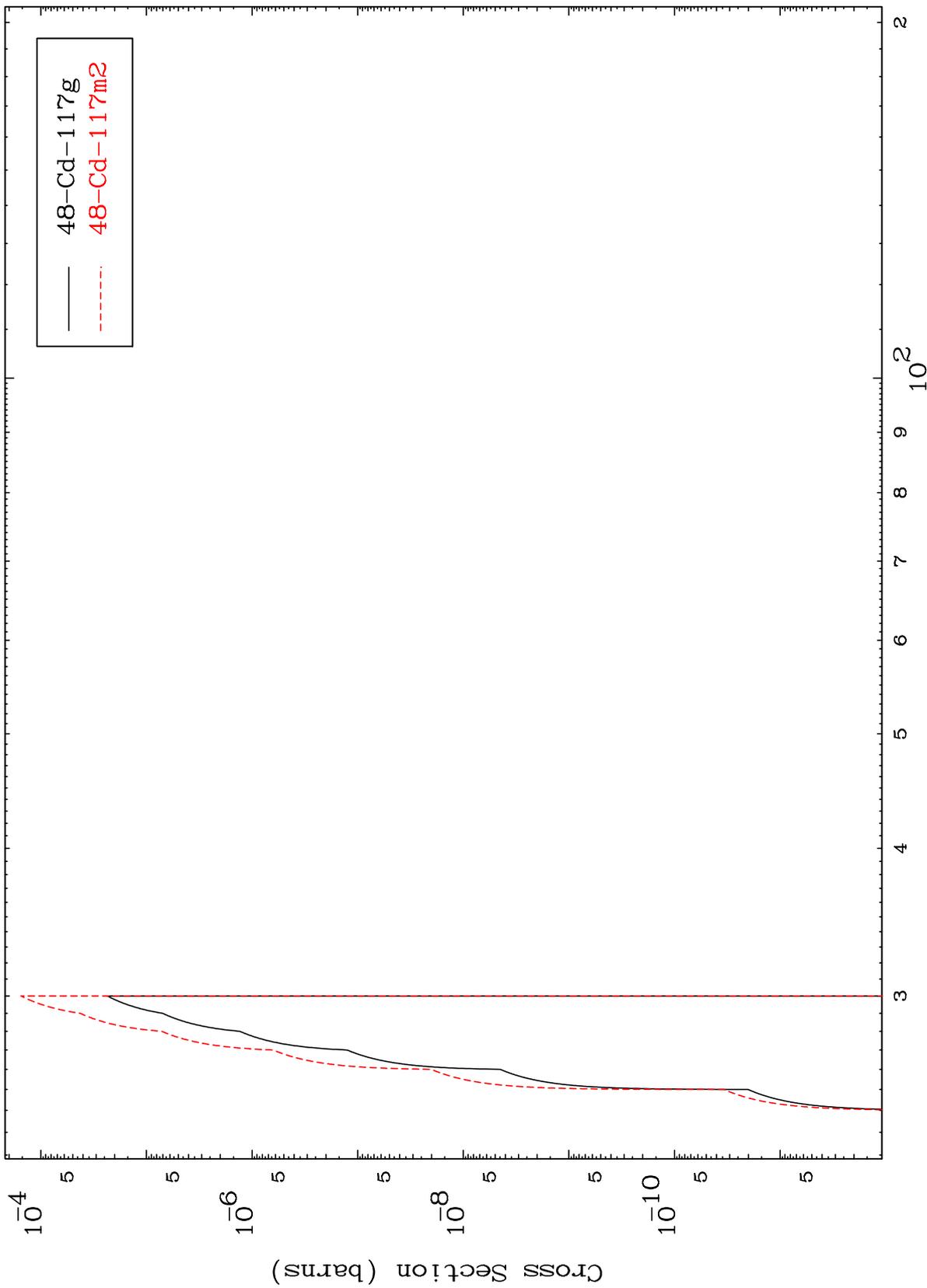
49-In-120

MAT 4948

(n,3n) p

49-In-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

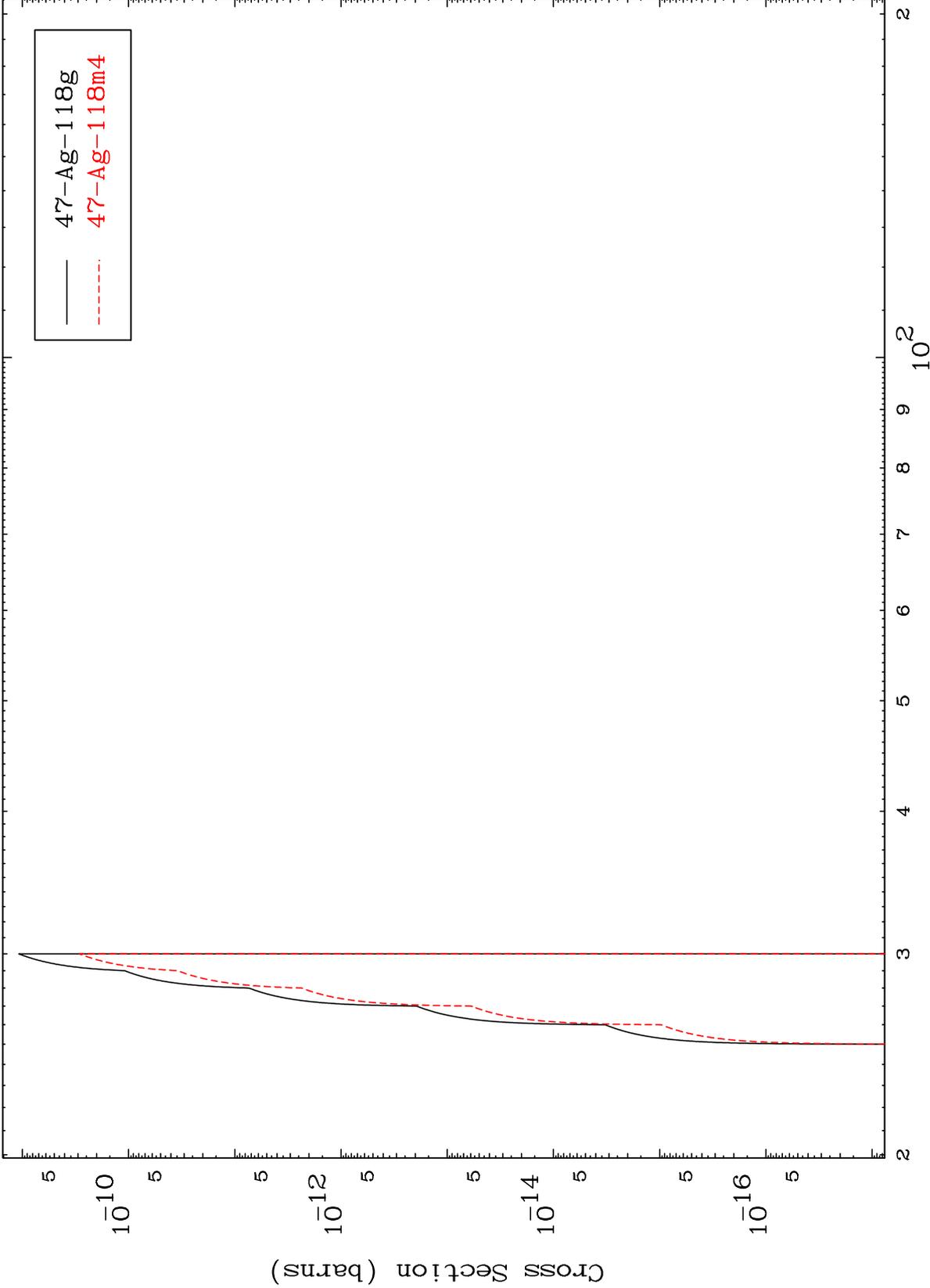
49-In-120

MAT 4948

(n,2n) p

49-In-120

Radionuclide Production Cross Section



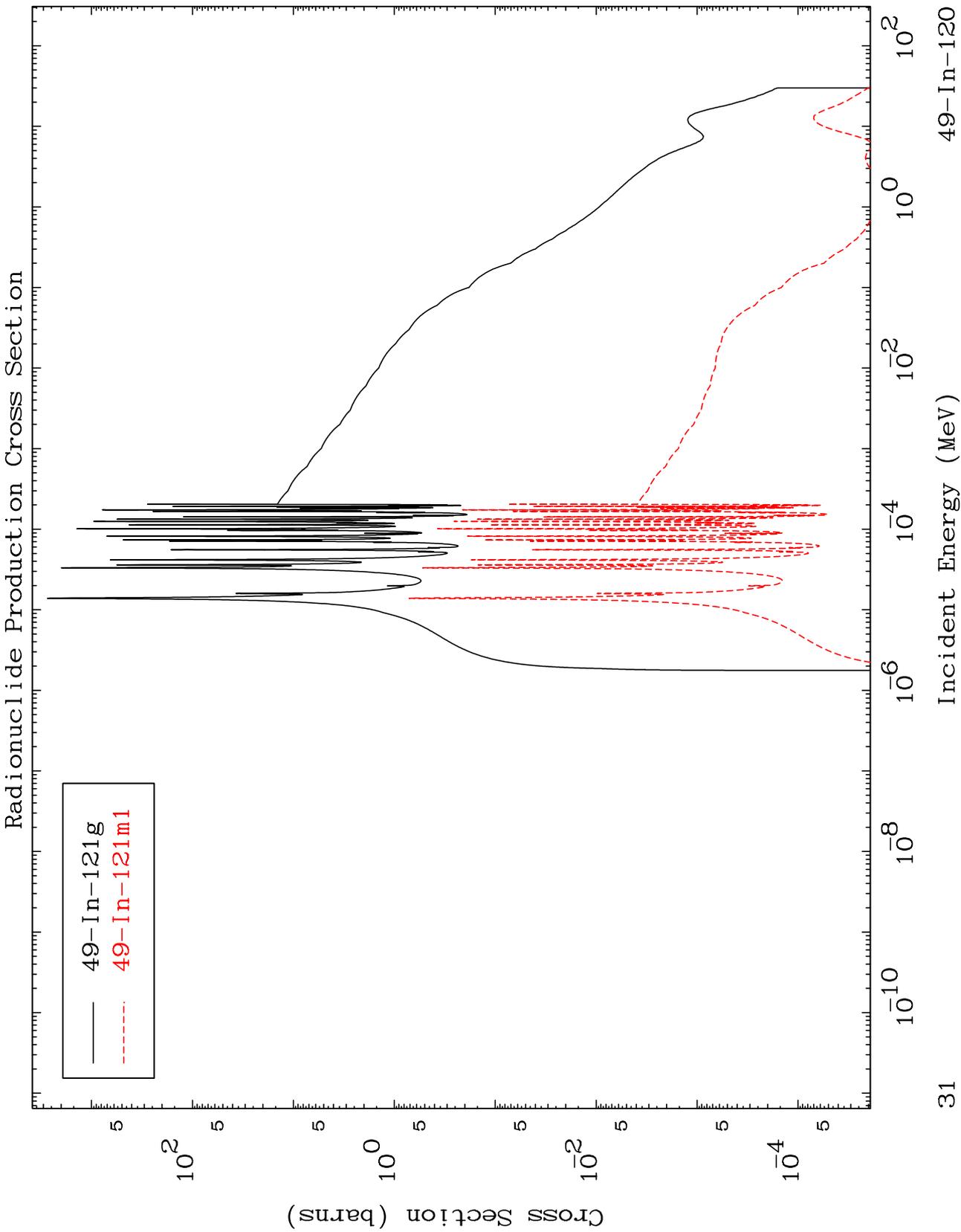
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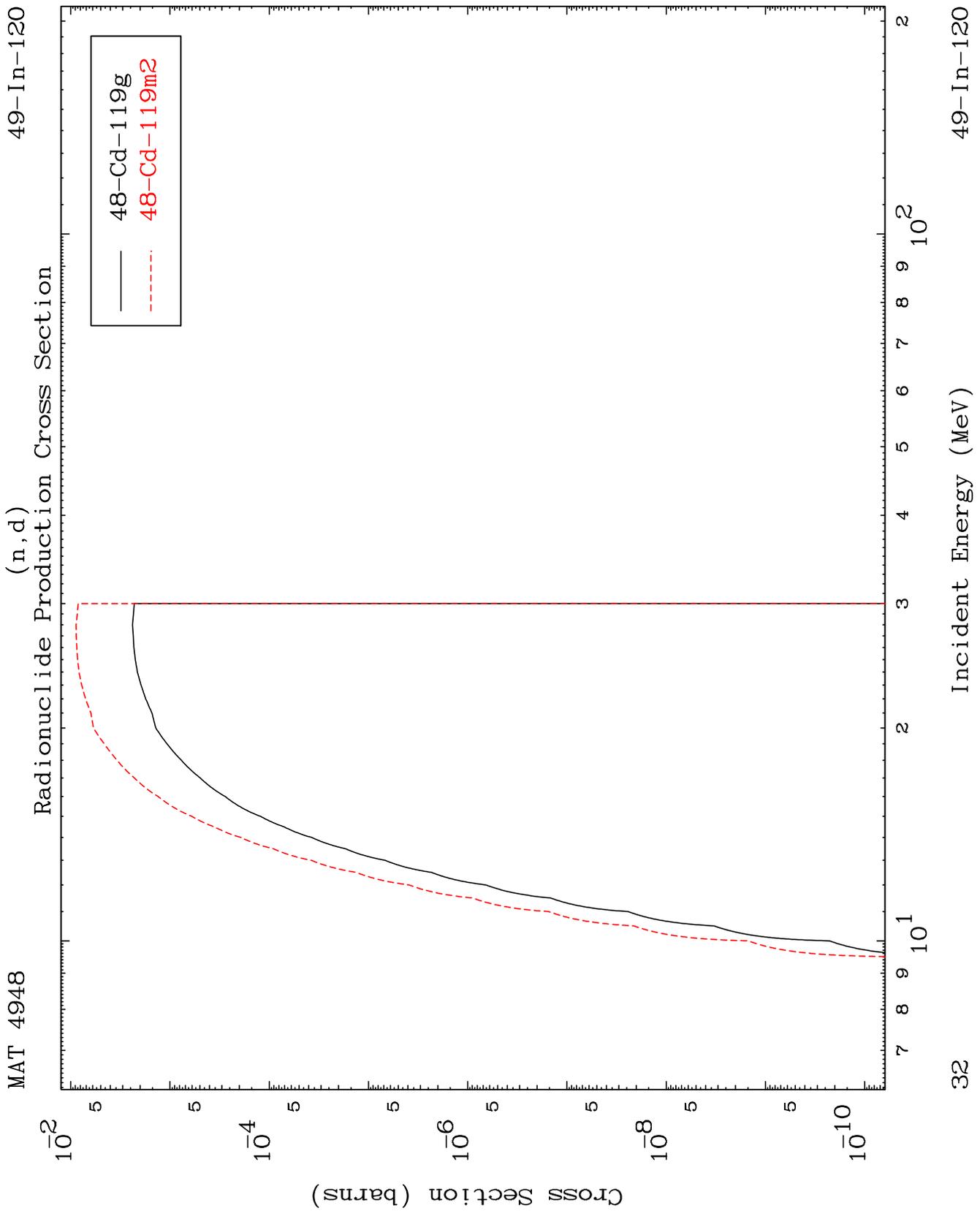
Incident Energy (MeV)

49-In-120

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49-In-120

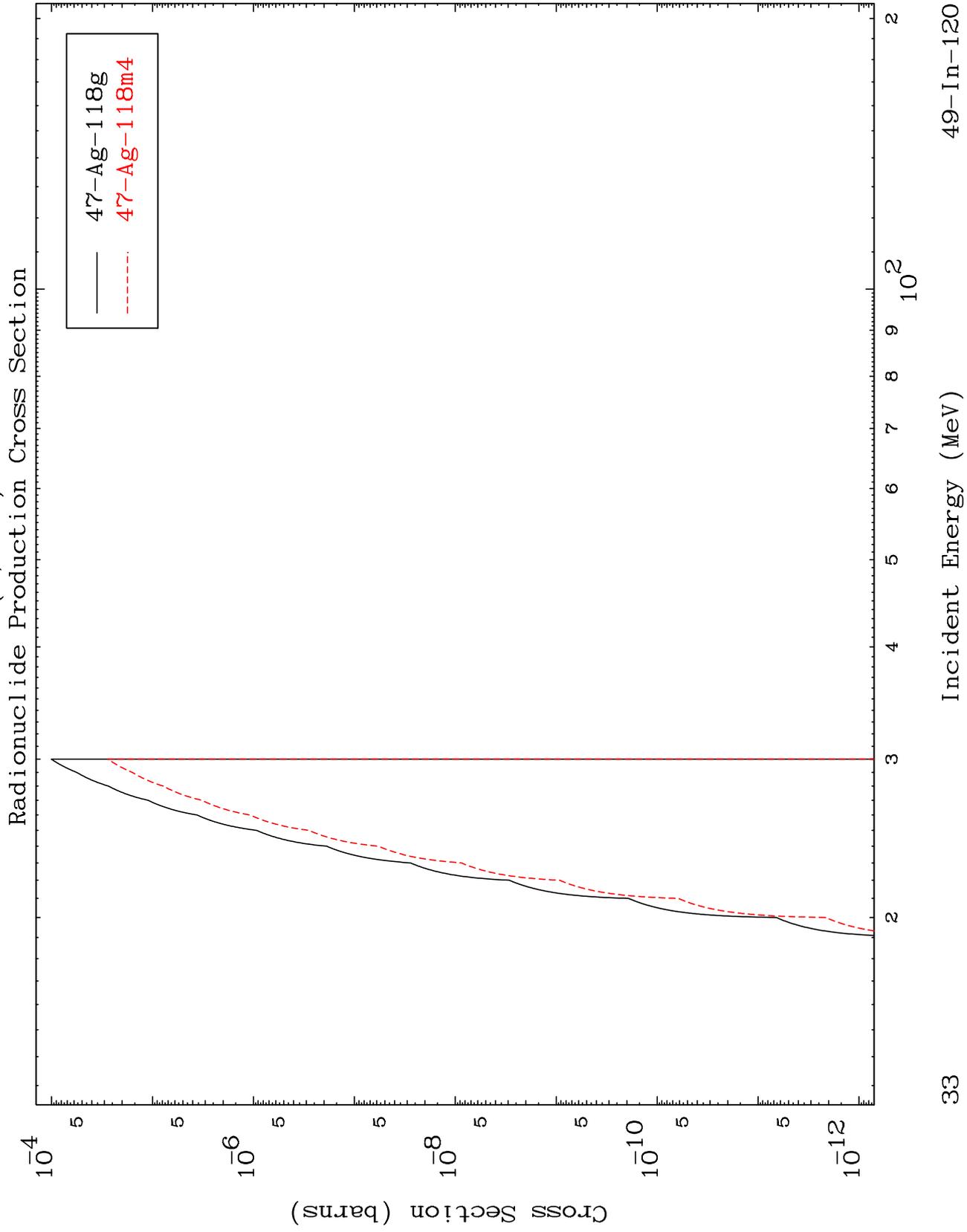




MAT 4948

(n,He-3)

49-In-120

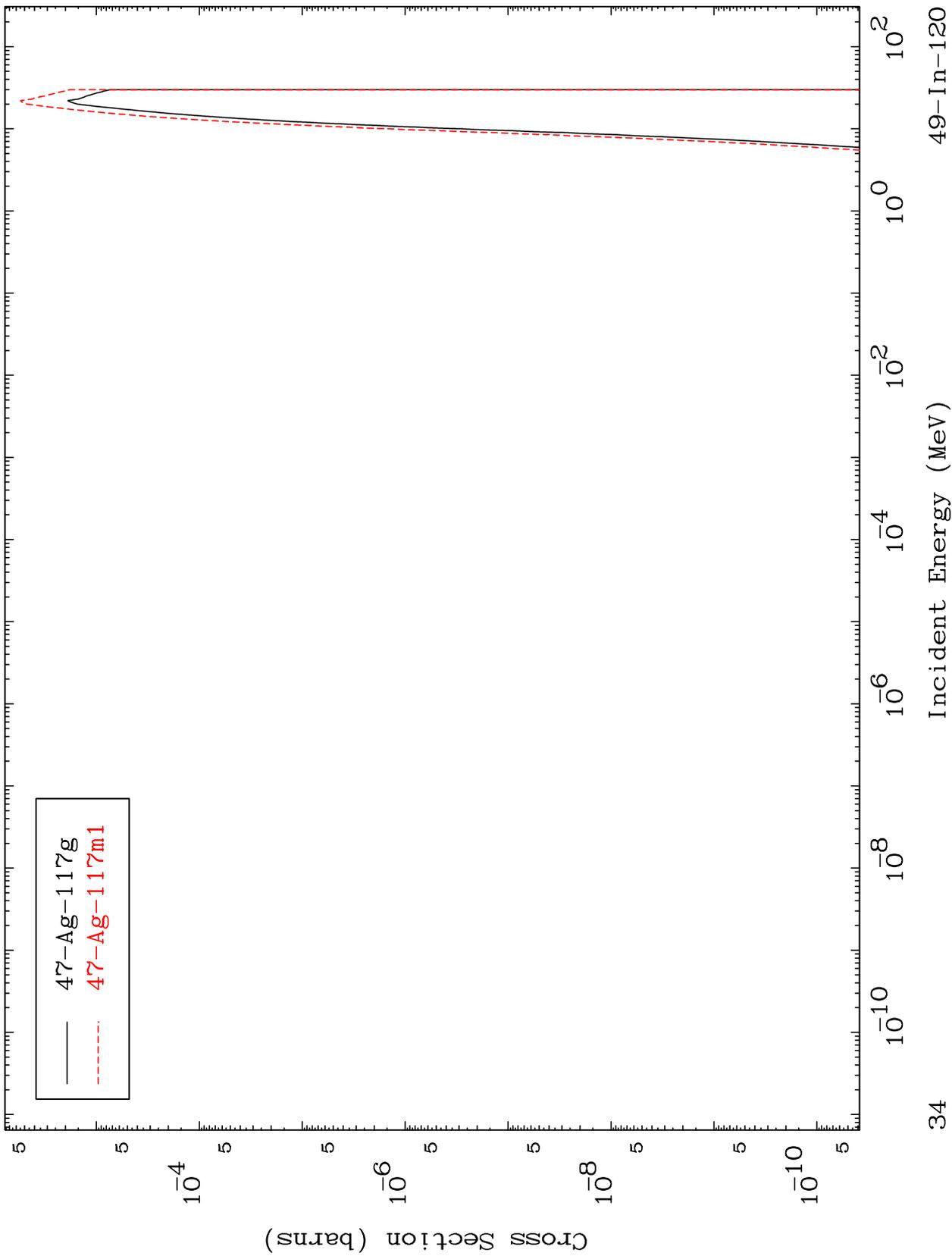


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MAT 4948

49-In-120

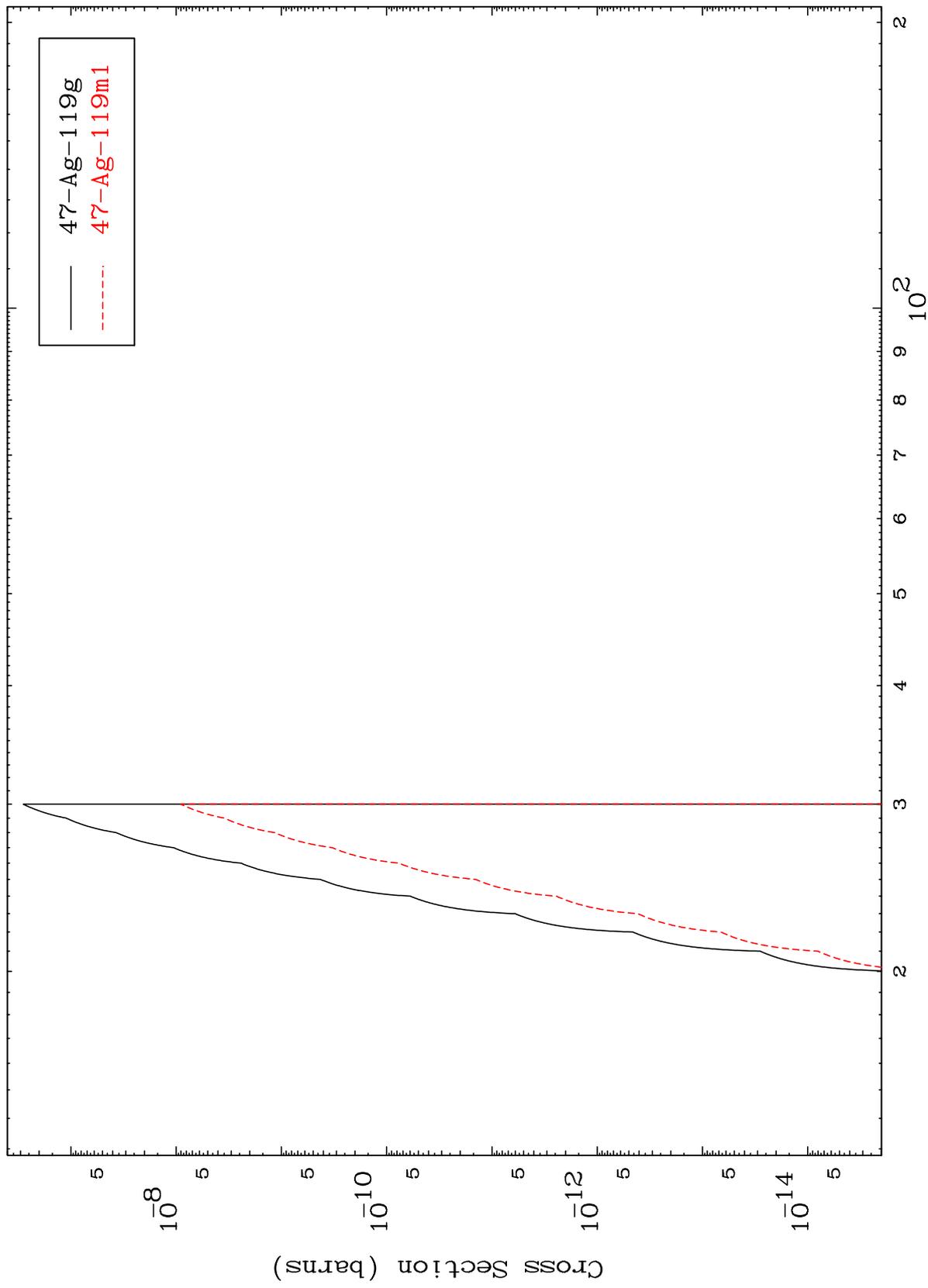
Radionuclide Production Cross Section



MAT 4948

49-In-120

(n,2p)
Radionuclide Production Cross Section



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49-In-120

Incident Energy (MeV)