

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

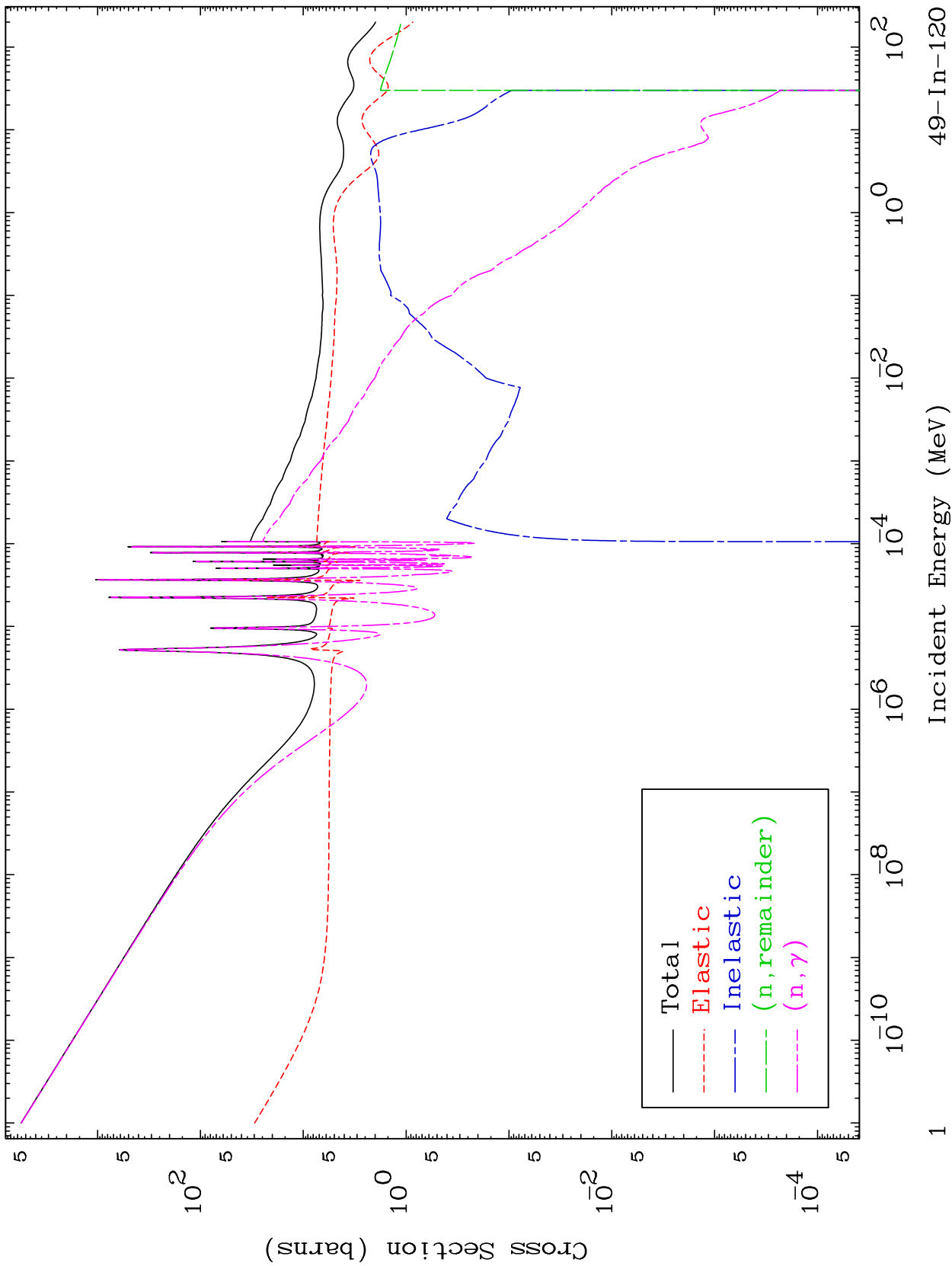
Press Mouse Button to Start

MAT 4948

Major

293 Kelvin Cross Sections

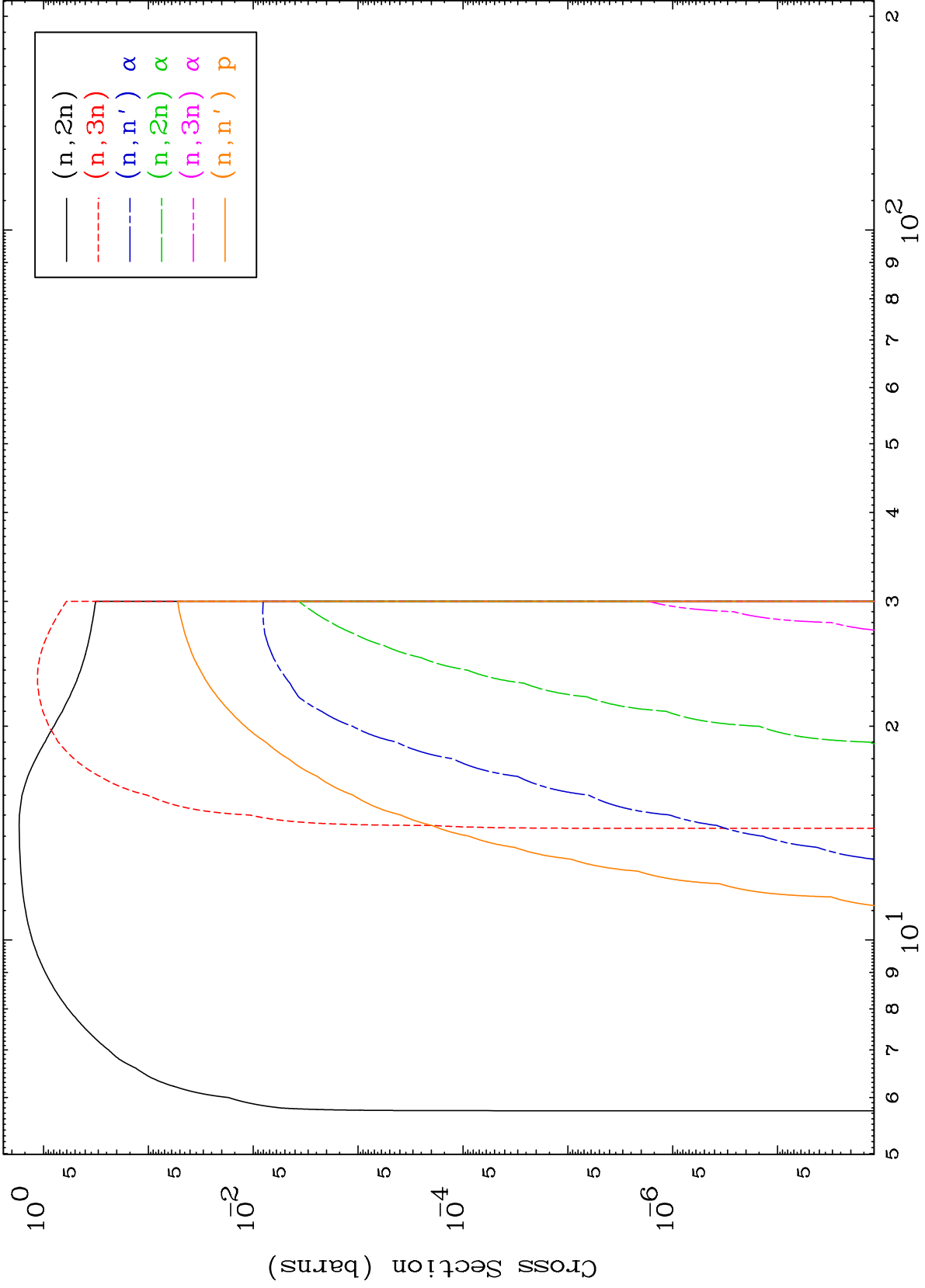
49-In-120



MAT 4948

Neutron Production  
293 Kelvin Cross Sections

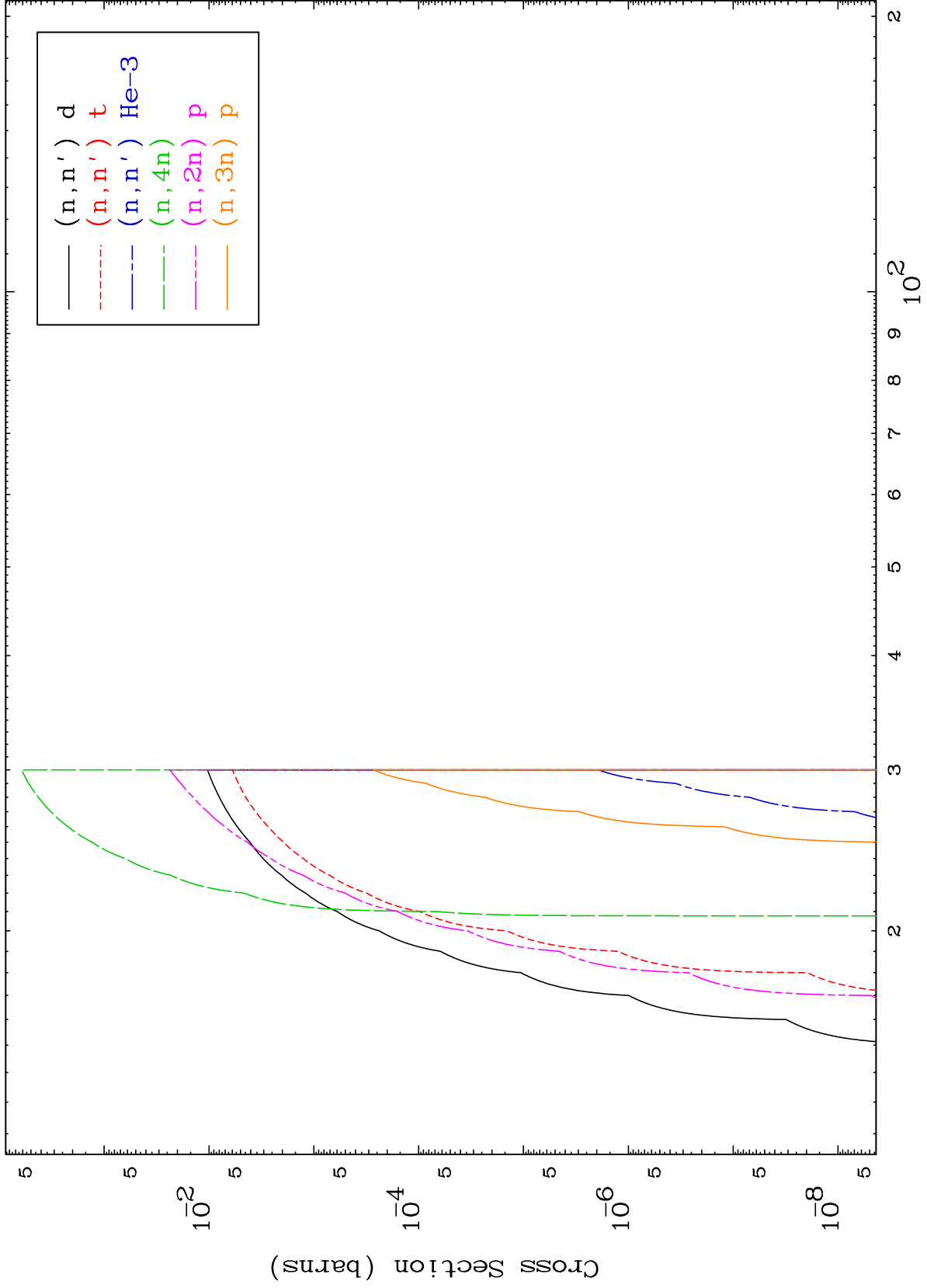
49-In-120



2

Incident Energy (MeV)

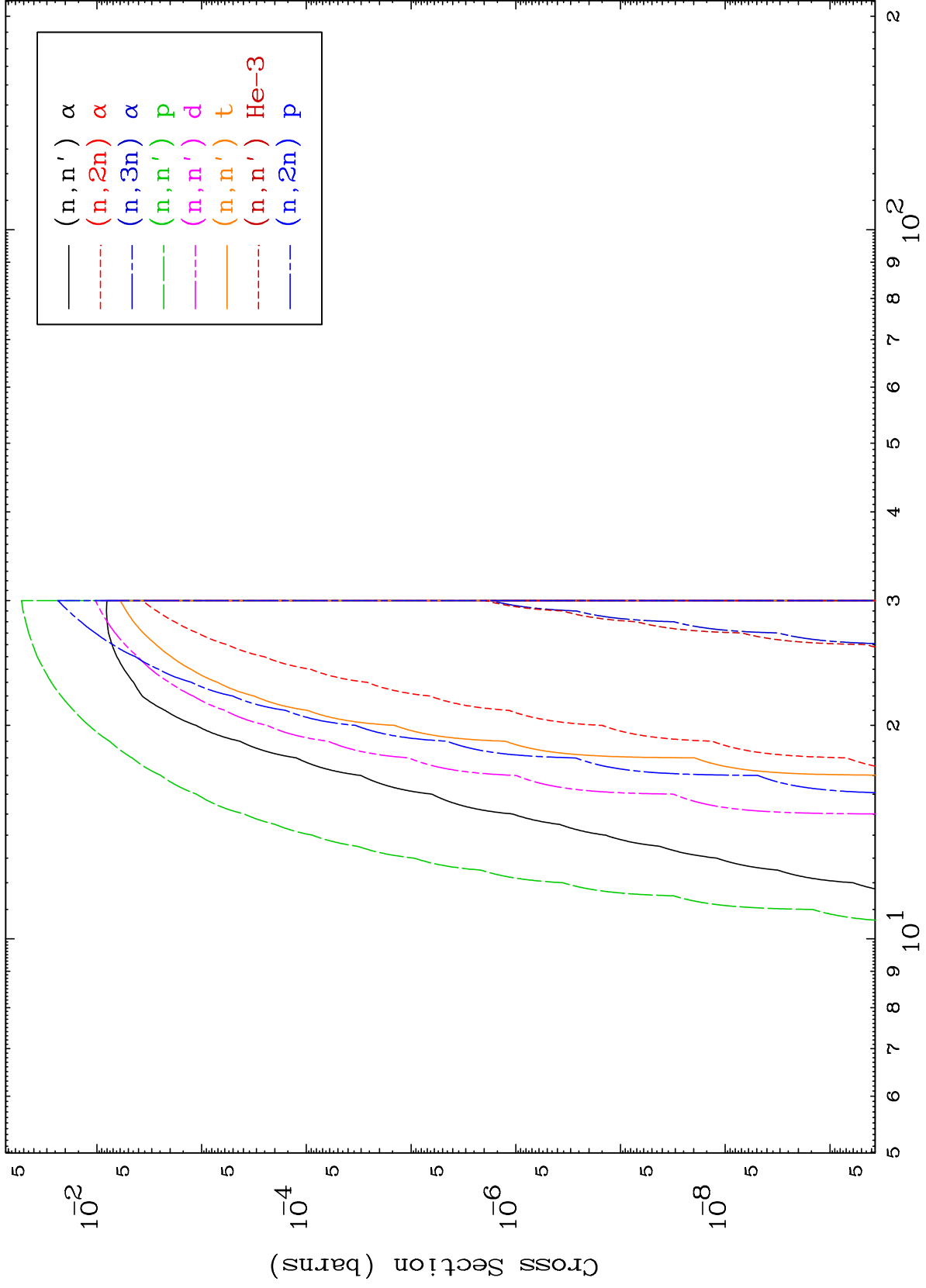
49-In-120



MAT 4948

Charged Particle  
293 Kelvin Cross Sections

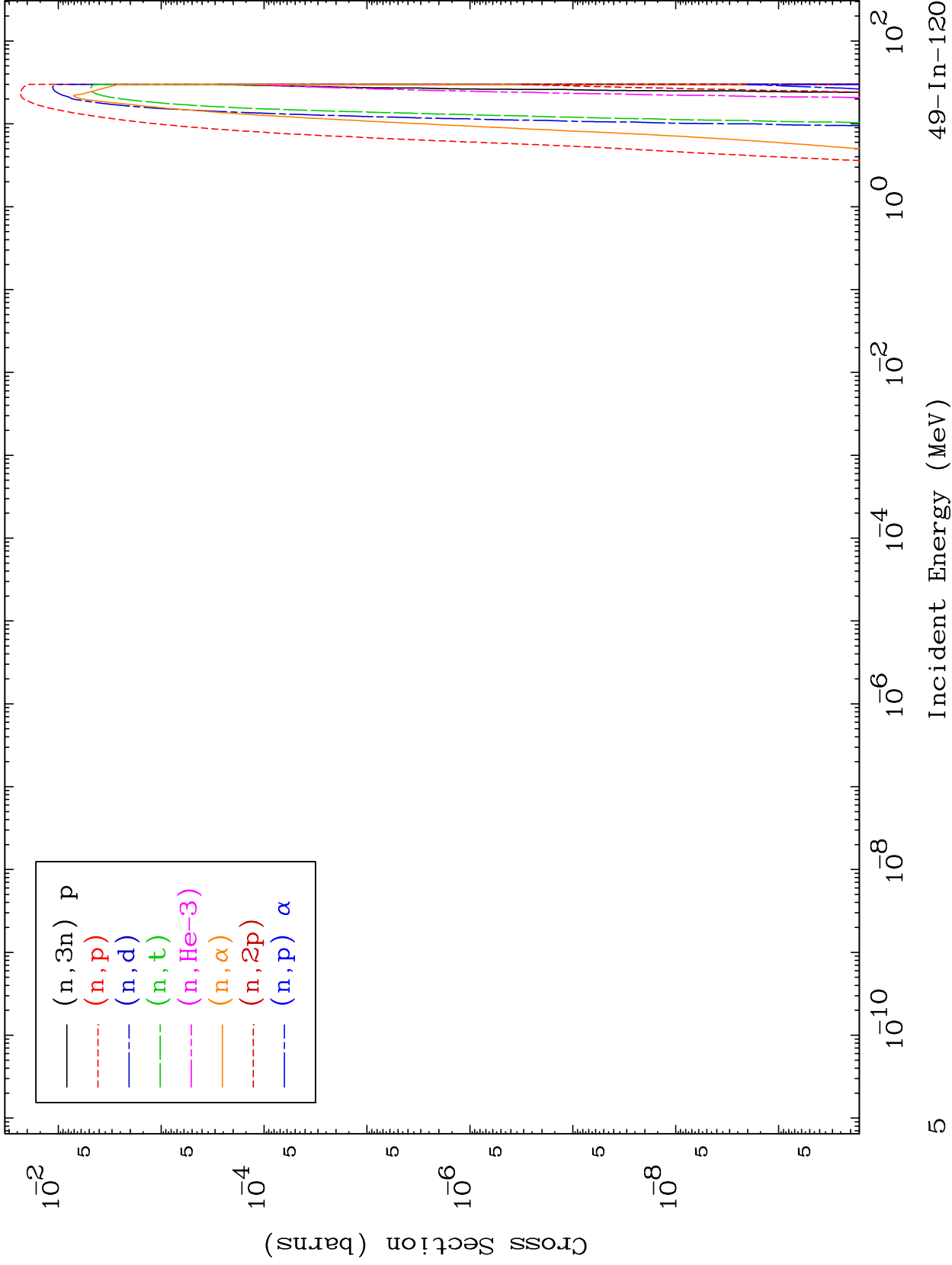
49-In-120



MAT 4948

Charged Particle  
293 Kelvin Cross Sections

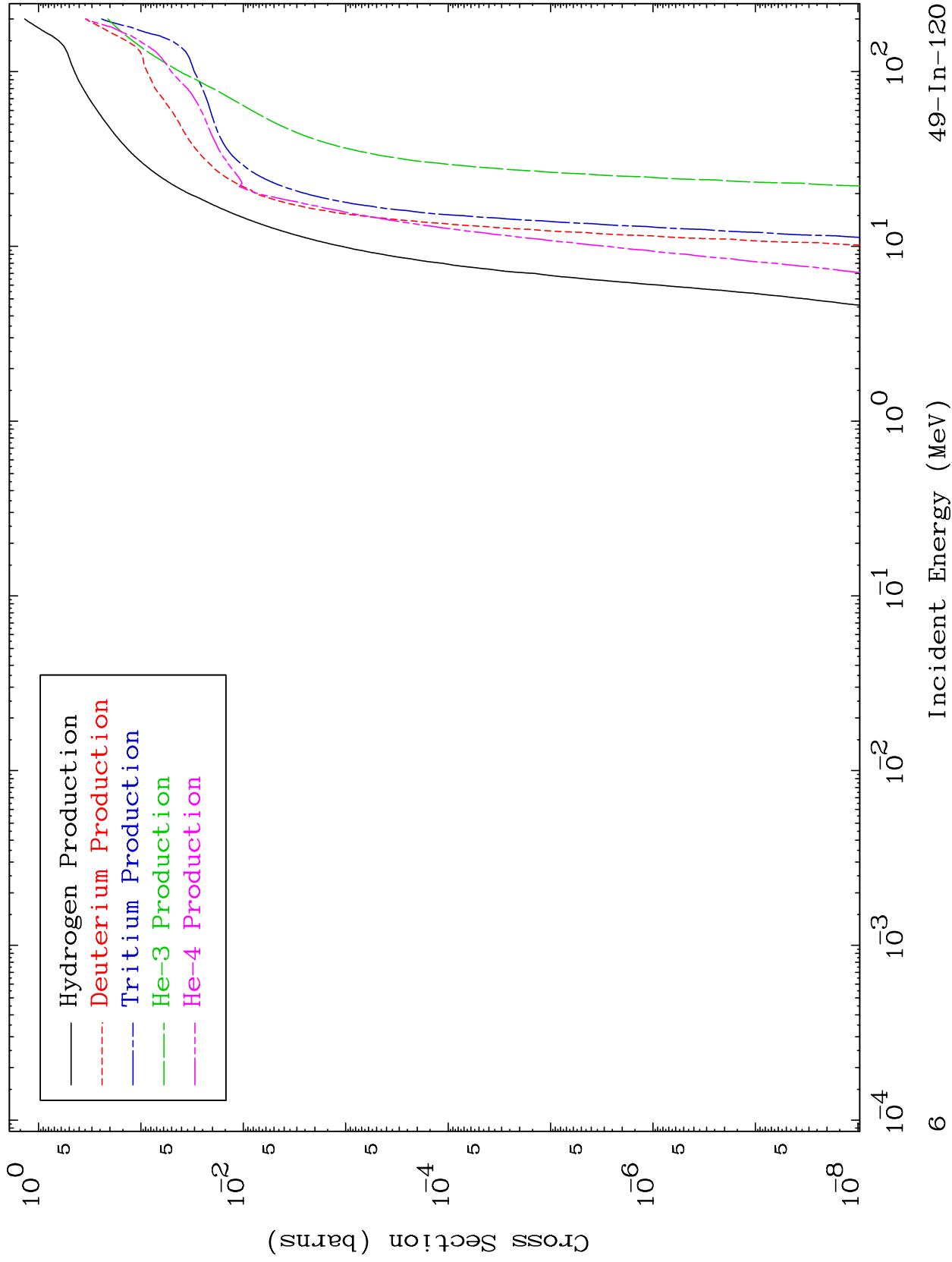
49-In-120



MAT 4948

Particle Production  
293 Kelvin Cross Sections

49-In-120



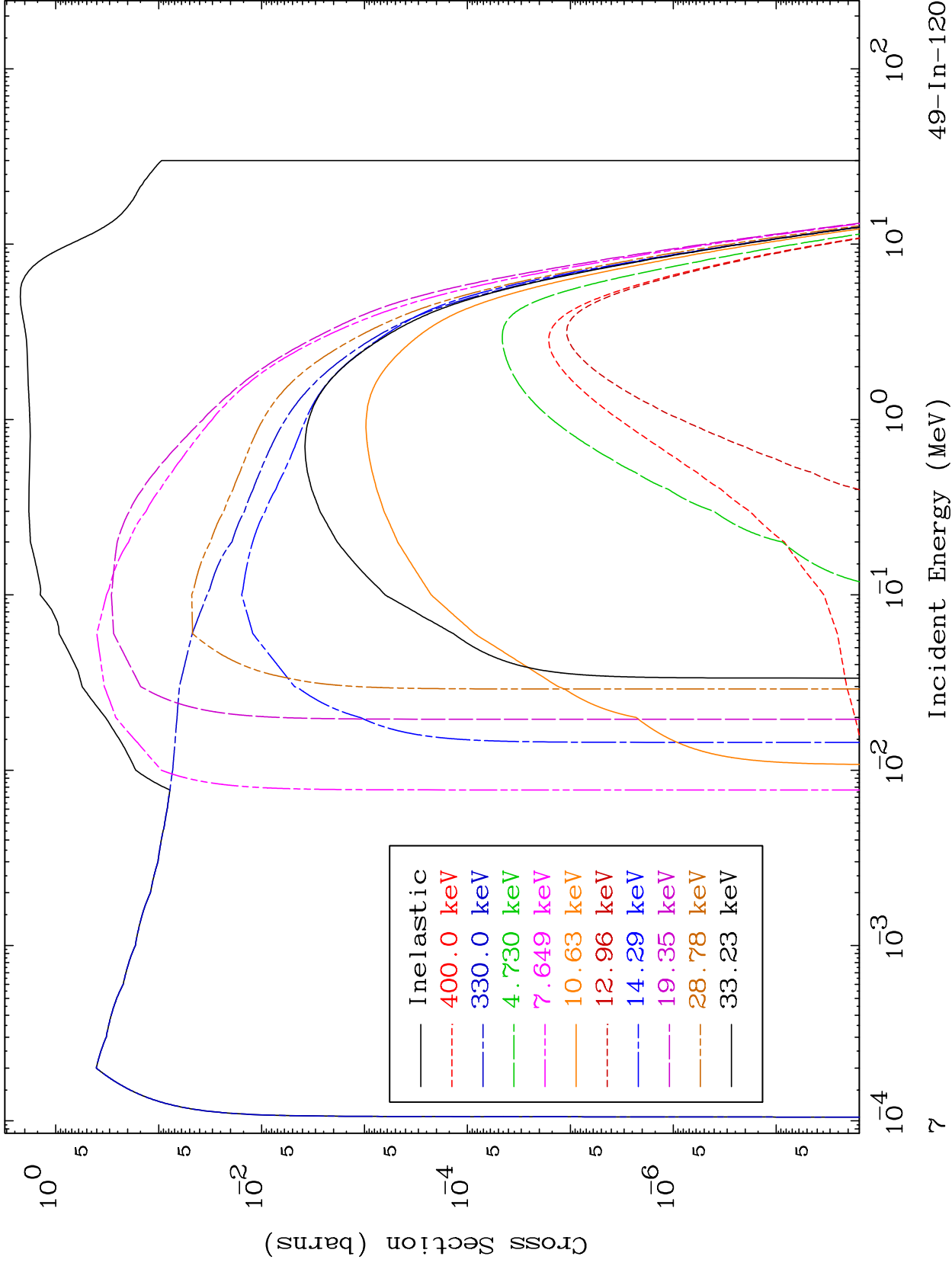
6

49-In-120

MAT 4948

(n,n') Level  
293 Kelvin Cross Sections

49-In-120

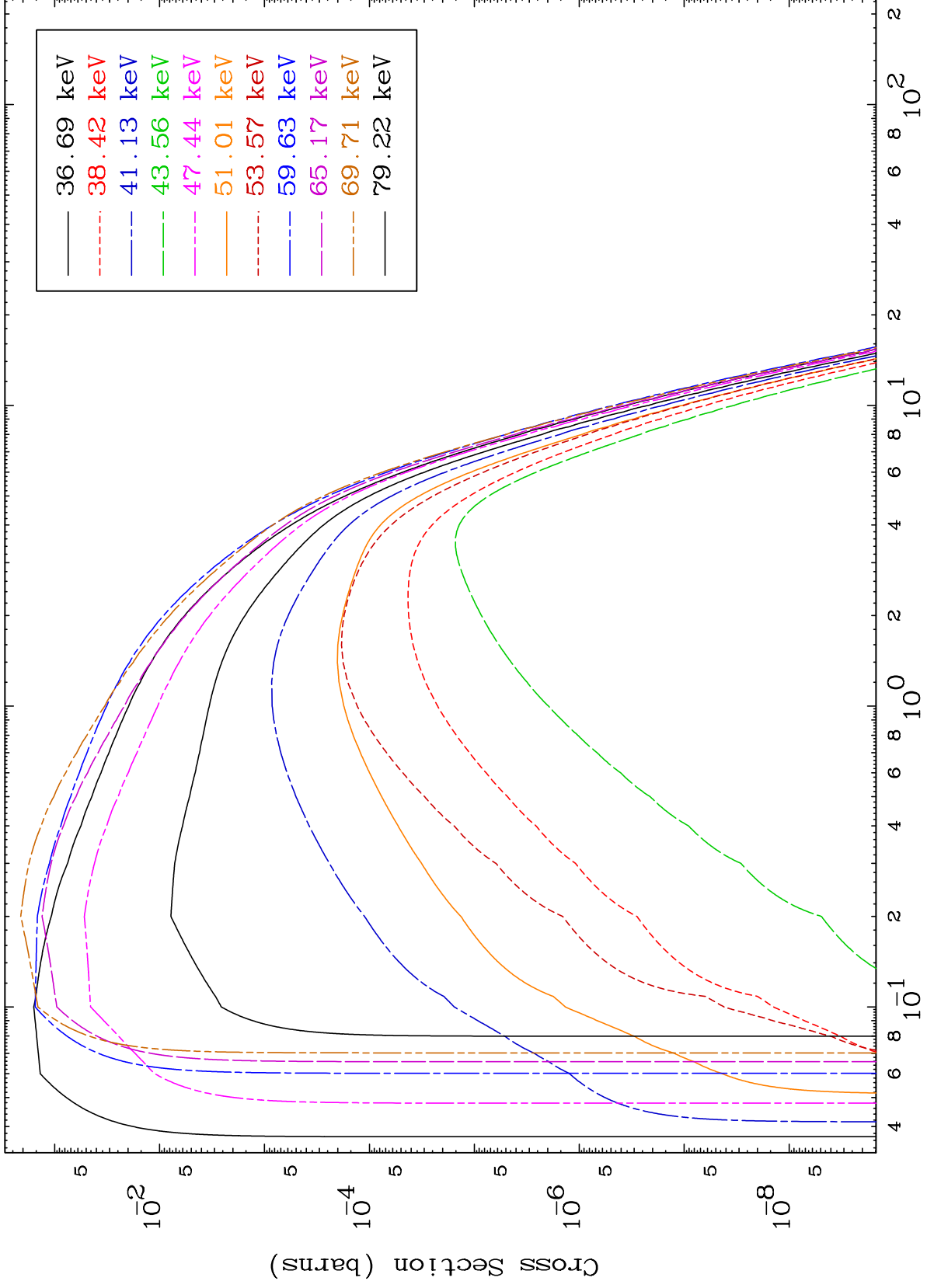




MAT 4948

(n,n') Level  
293 Kelvin Cross Sections

49-In-120



8

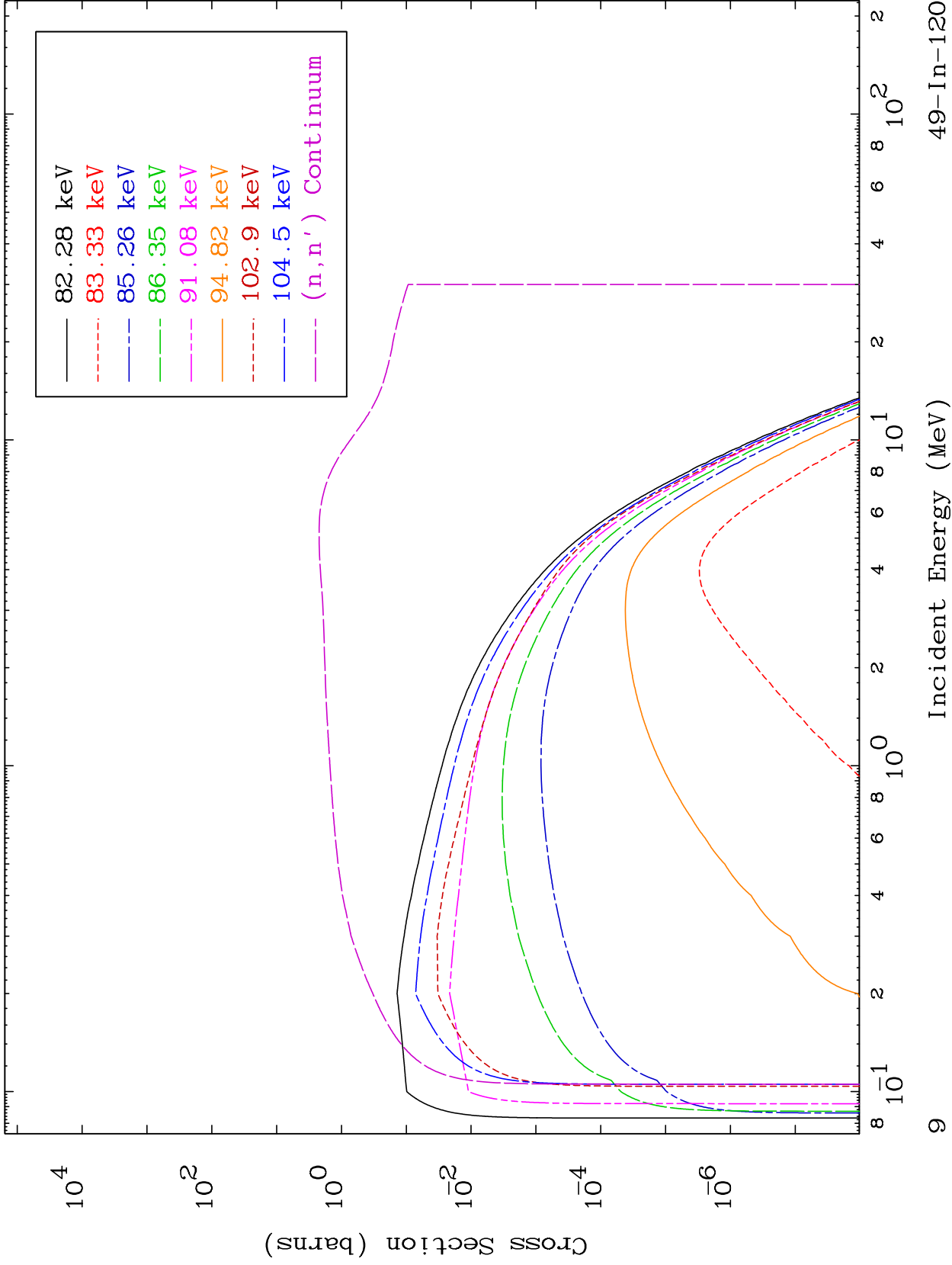
Incident Energy (MeV)

49-In-120

MAT 4948

(n,n') Level  
293 Kelvin Cross Sections

49-In-120



9

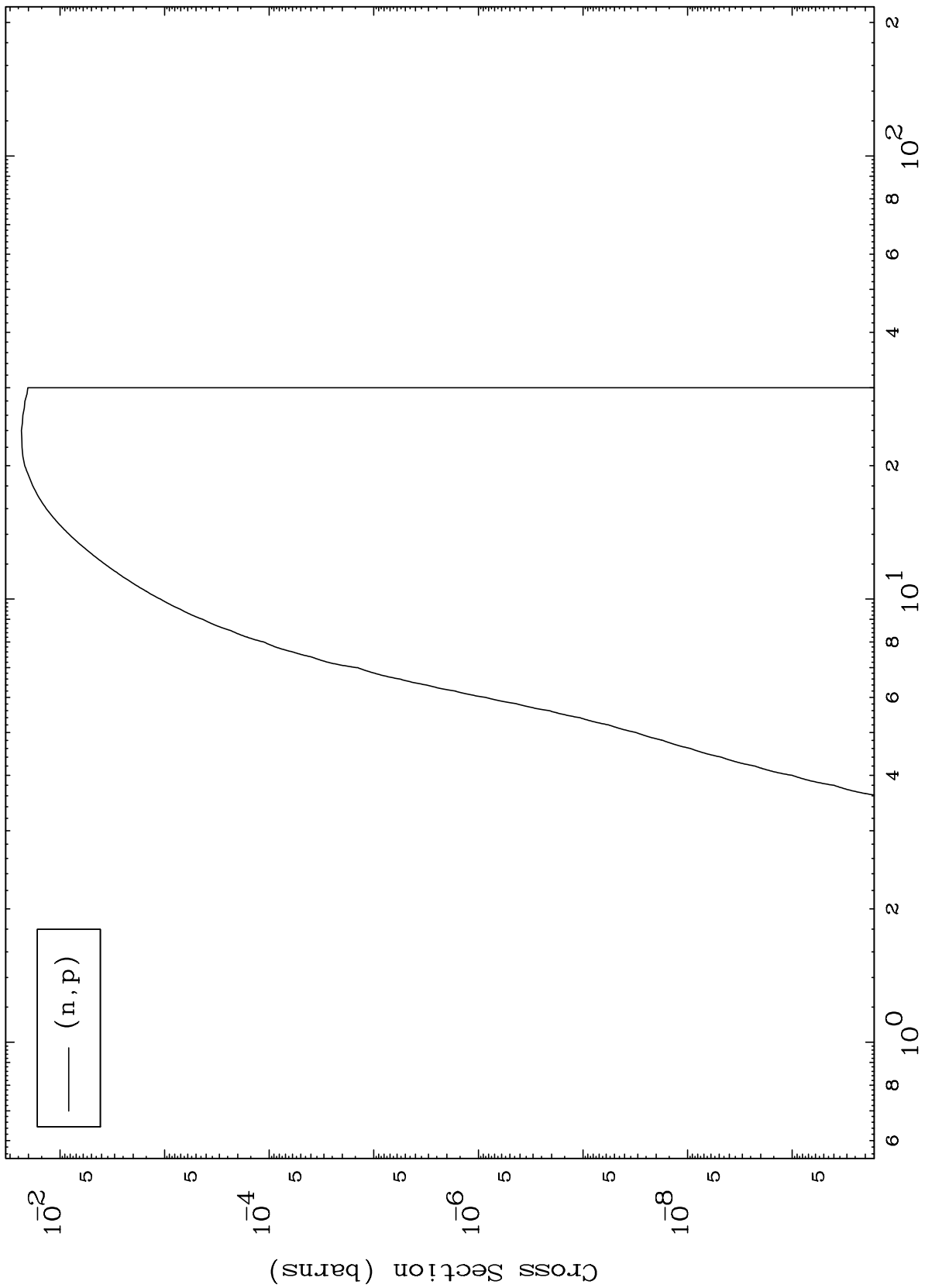
Incident Energy (MeV)

49-In-120

MAT 4948

(n,p) Levels  
293 Kelvin Cross Sections

49-In-120



10

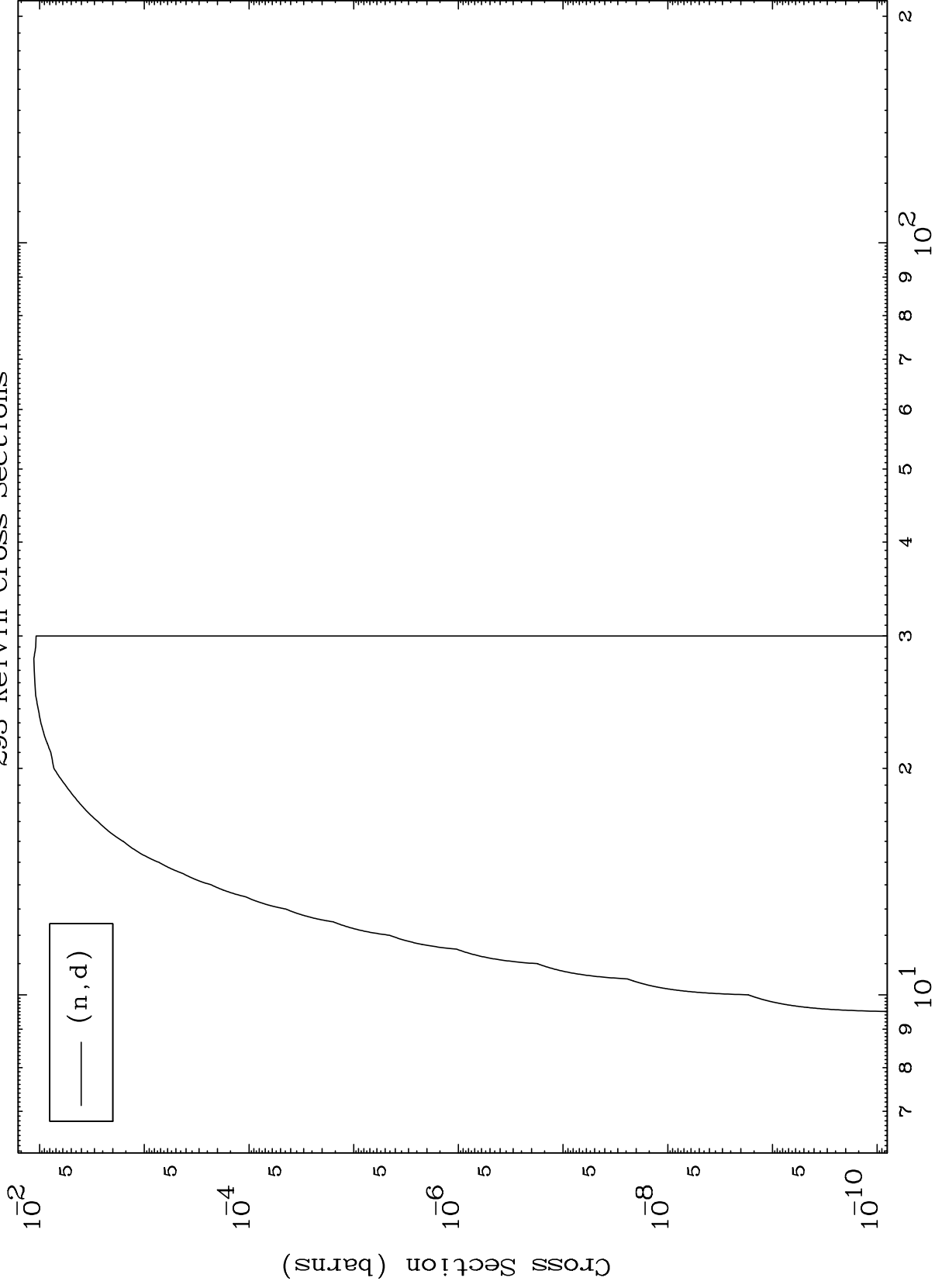
Incident Energy (MeV)

49-In-120

MAT 4948

(n,d) Levels  
293 Kelvin Cross Sections

49-In-120



11

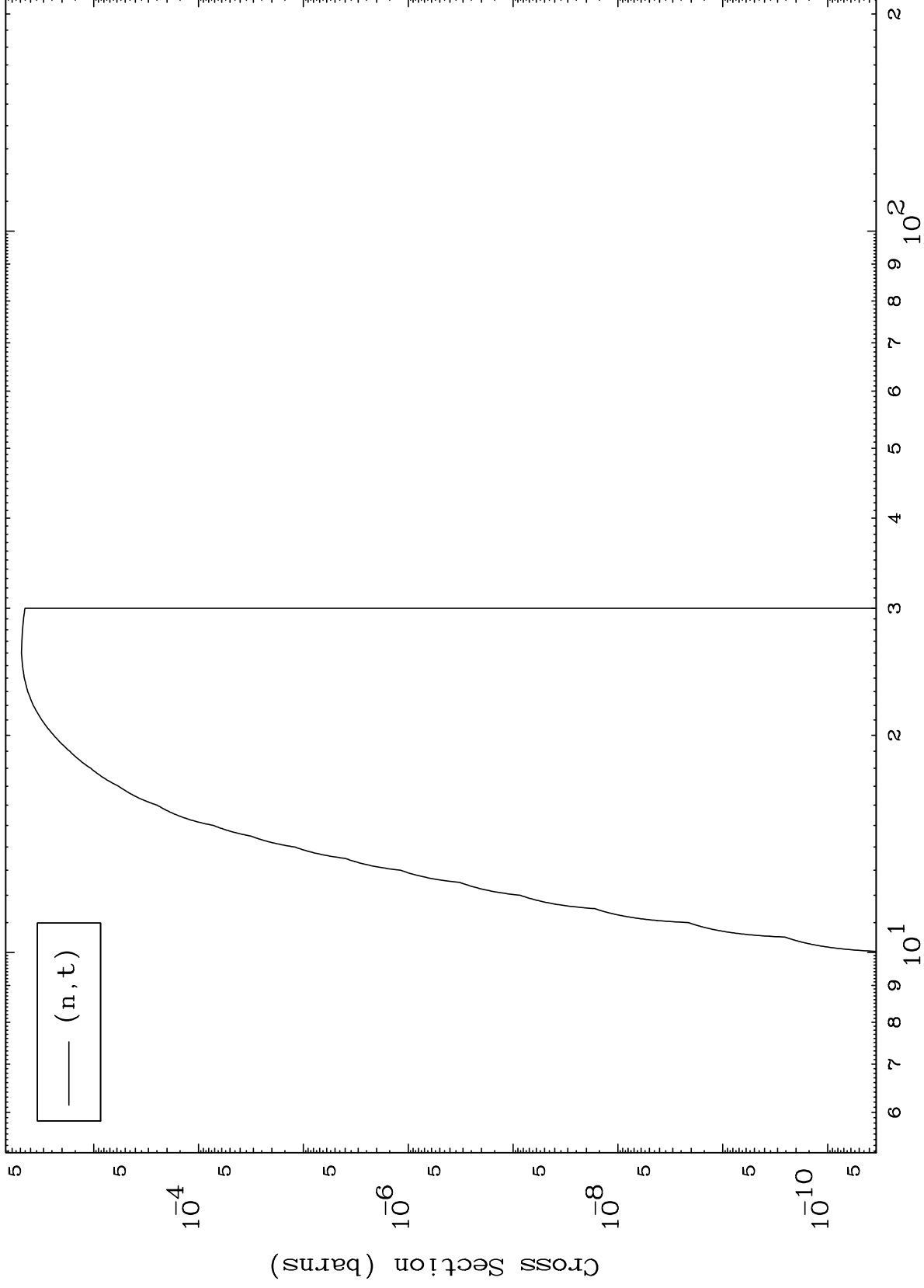
Incident Energy (MeV)

49-In-120

MAT 4948

(n,t) Levels  
293 Kelvin Cross Sections

49-In-120



12

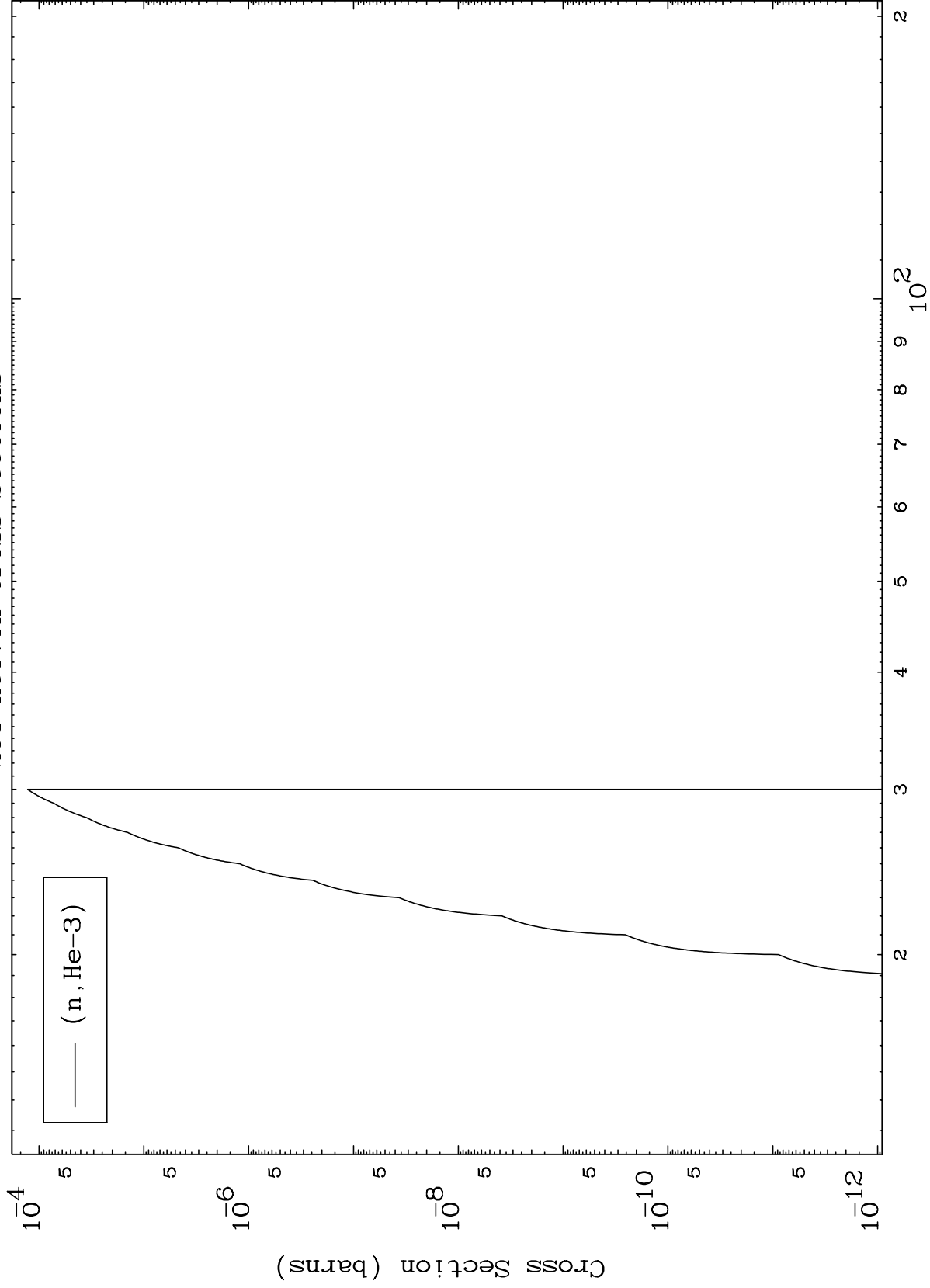
Incident Energy (MeV)

49-In-120

MAT 4948

(n,He3) Levels  
293 Kelvin Cross Sections

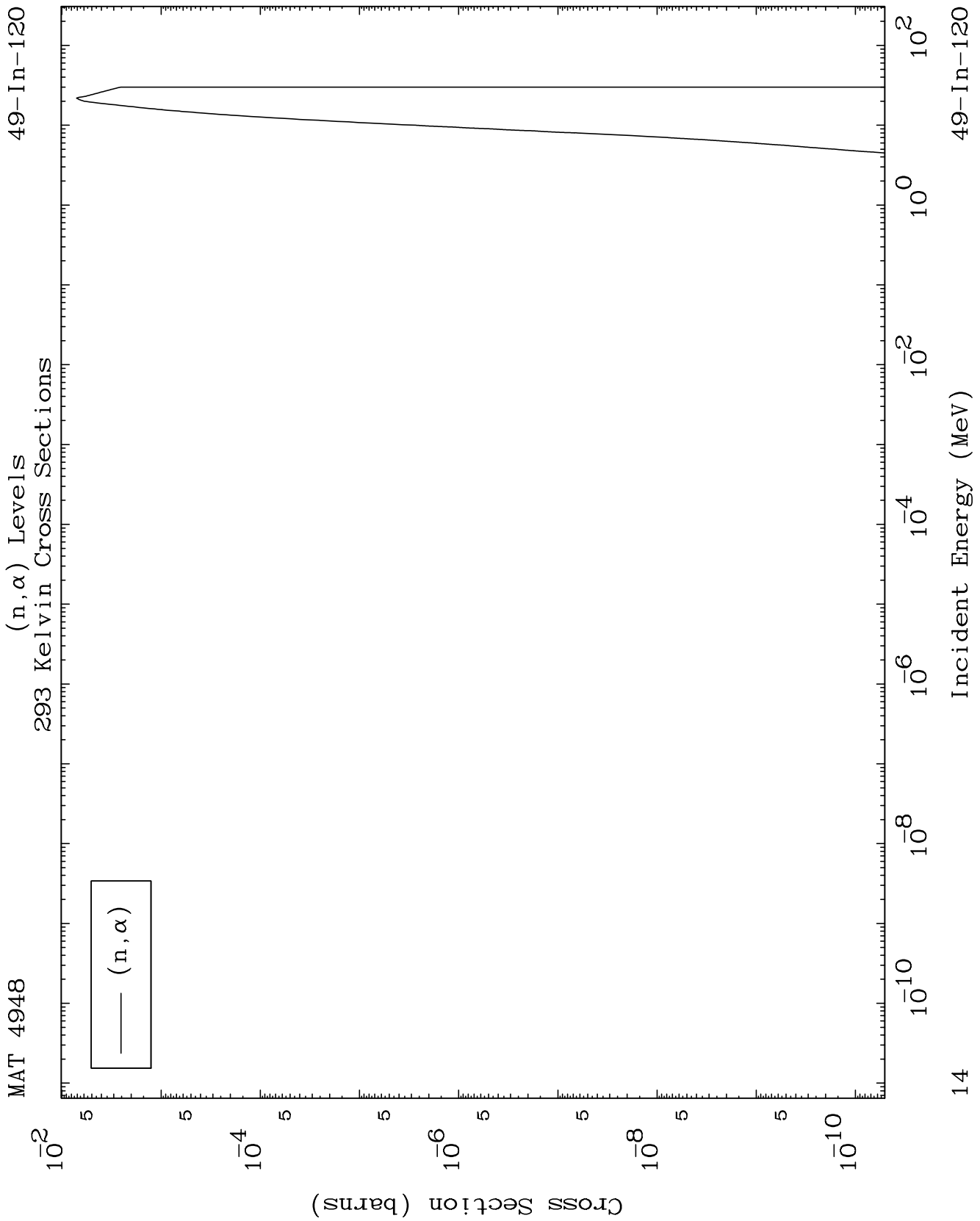
49-In-120

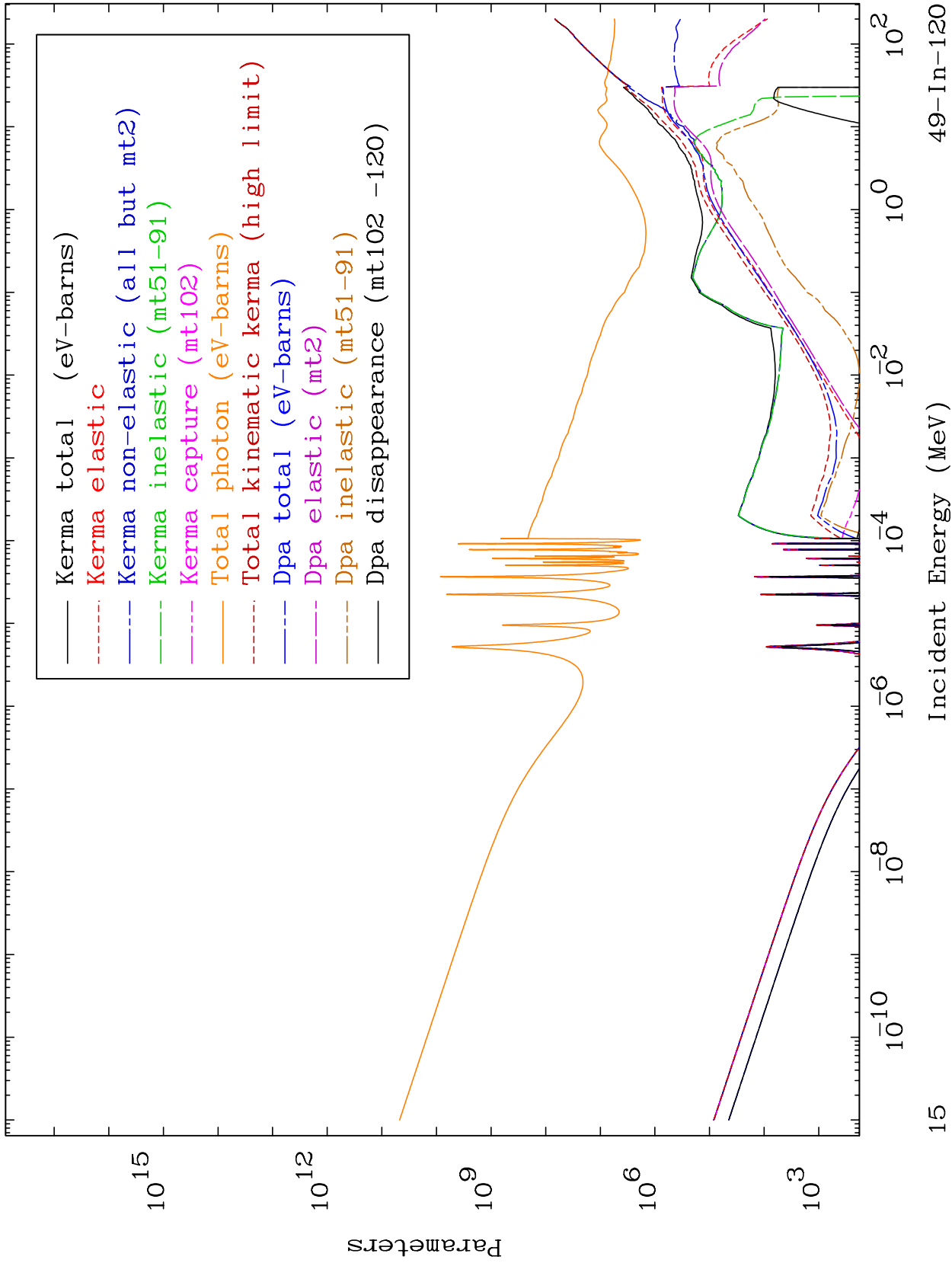


13

Incident Energy (MeV)

49-In-120





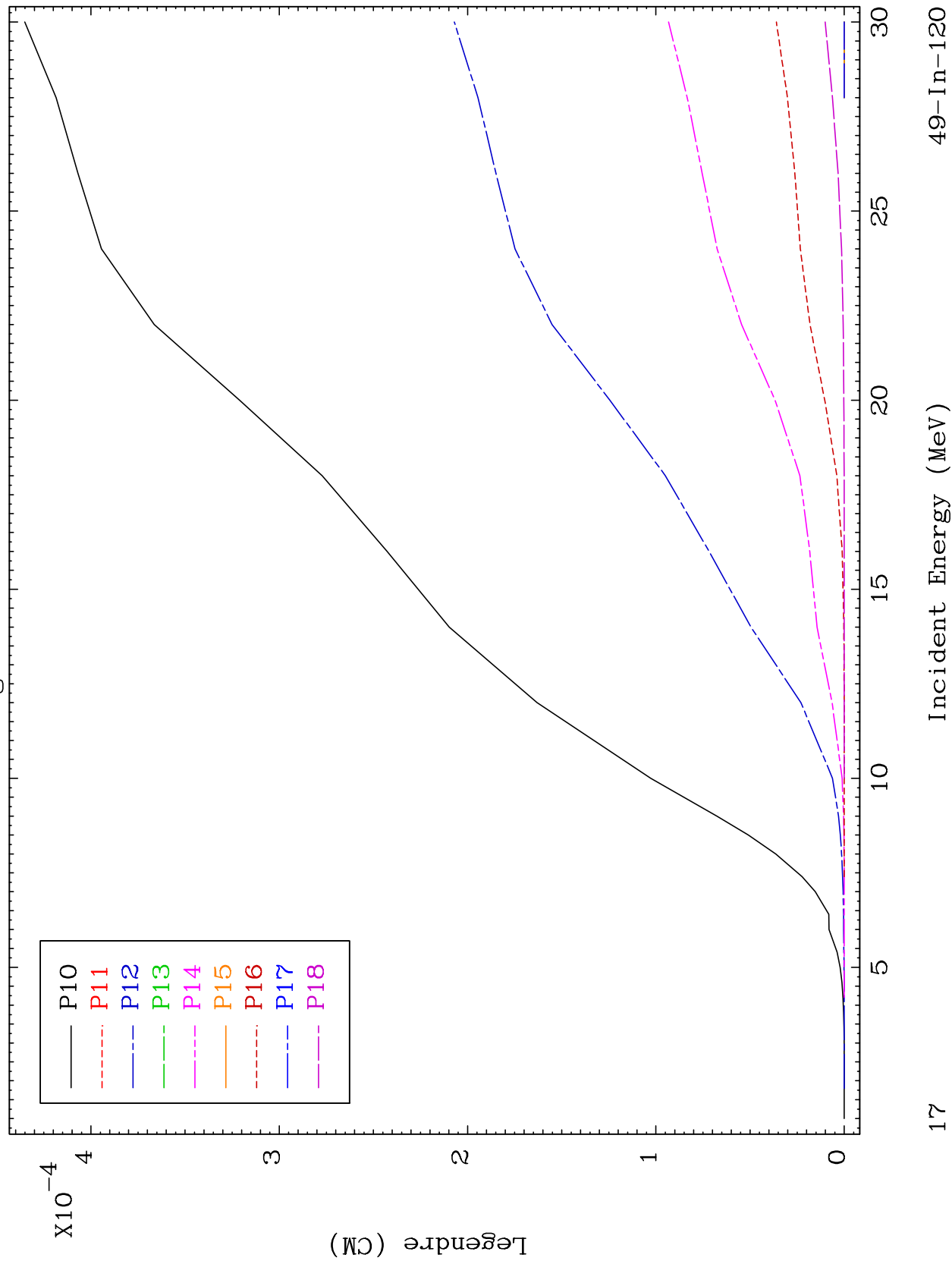




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Elastic Legendre Coefficients

49-In-120



17

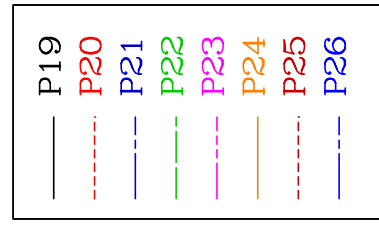
Incident Energy (MeV)

49-In-120

MAT 4948

Elastic Legendre Coefficients

49-In-120



$\times 10^{-7}$

Legendre (CM)



18

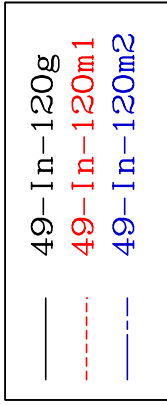
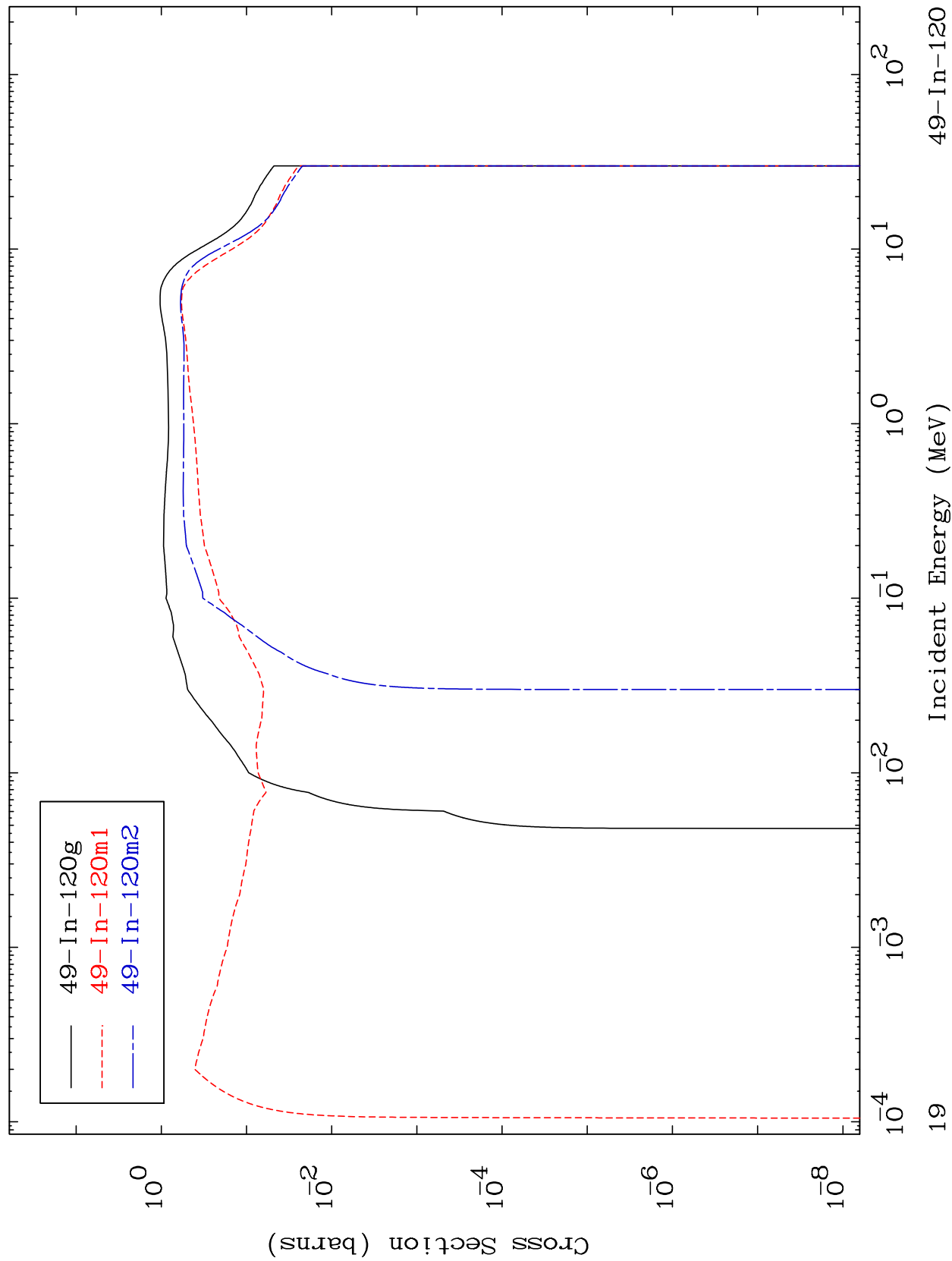
Incident Energy (MeV)

49-In-120

MAT 4948

49-In-120

Radionuclide Production Cross Section

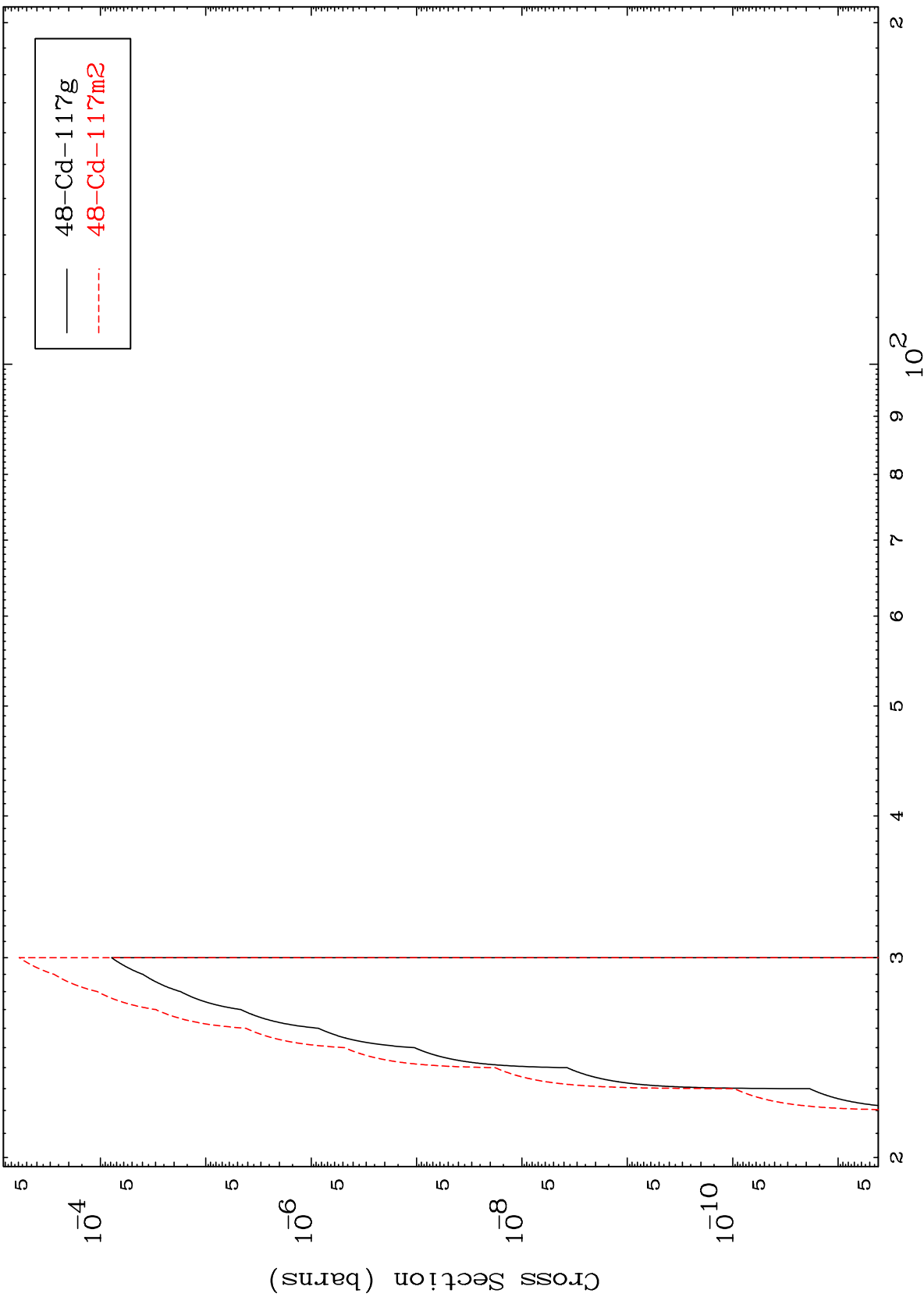


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(n,2n) d

49-In-120

Radionuclide Production Cross Section



20

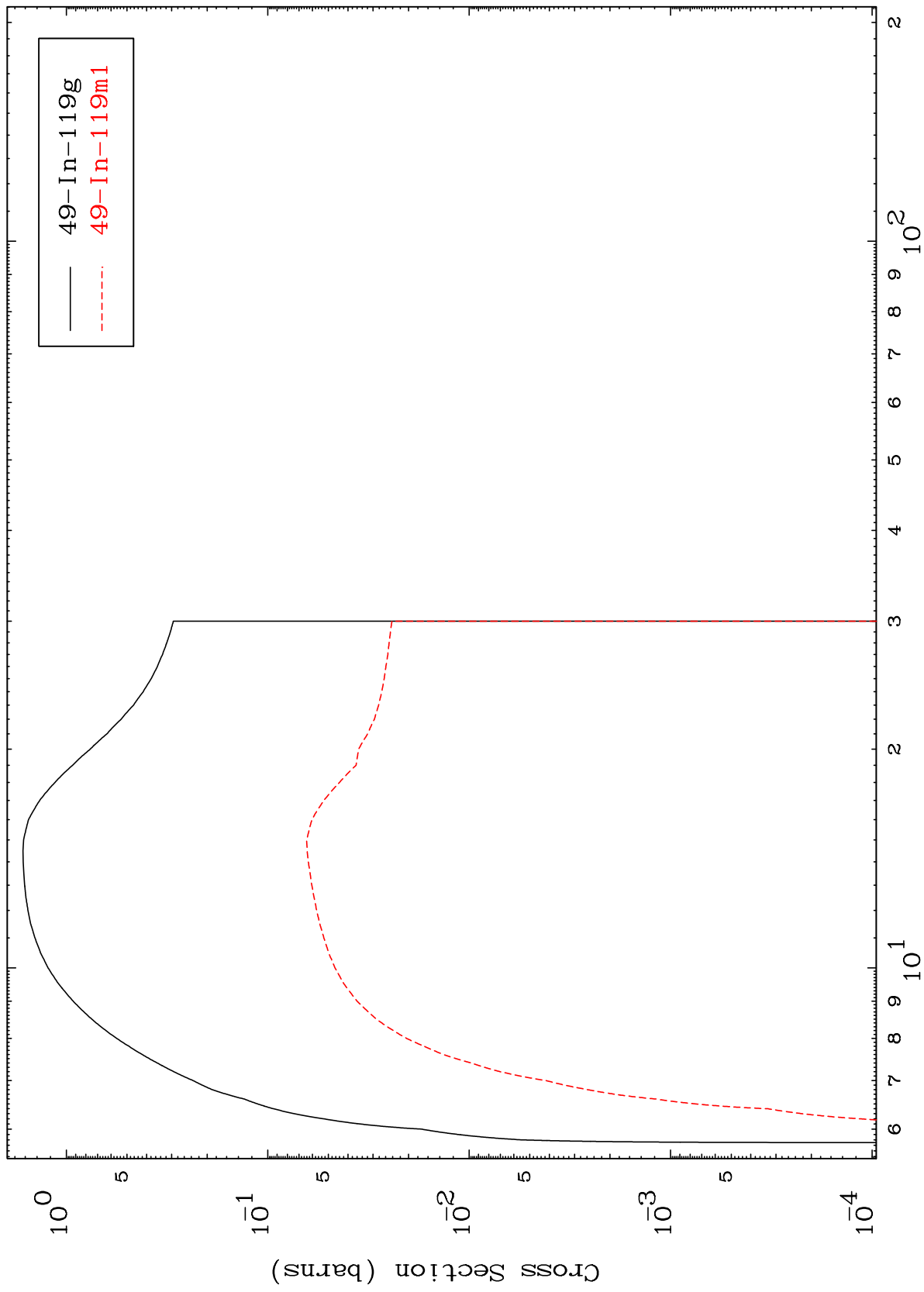
Incident Energy (MeV)

49-In-120

MAT 4948

49-In-120

(n,2n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

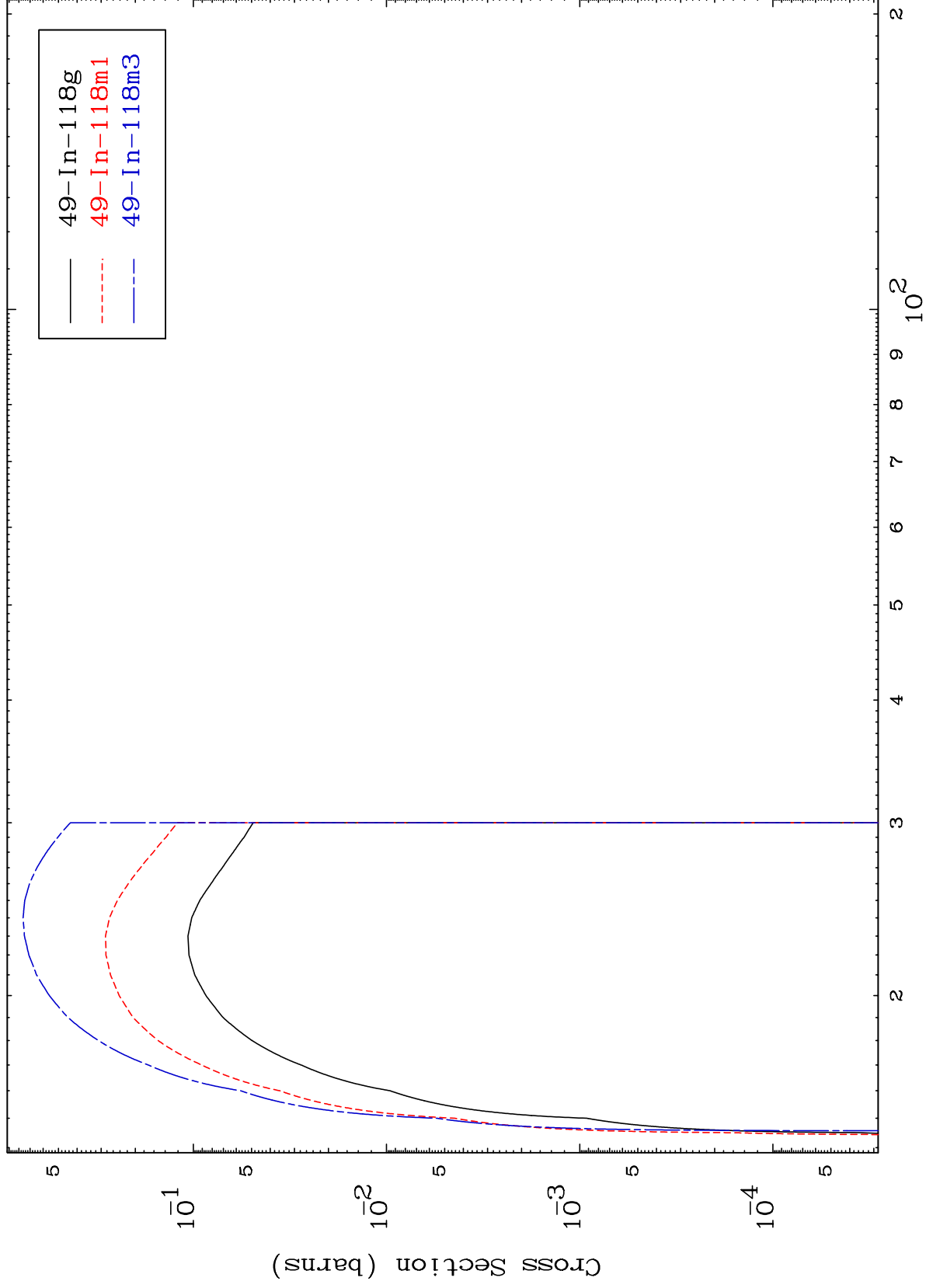
49-In-120

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(n,3n)

49-In-120

Radionuclide Production Cross Section



22

Incident Energy (MeV)

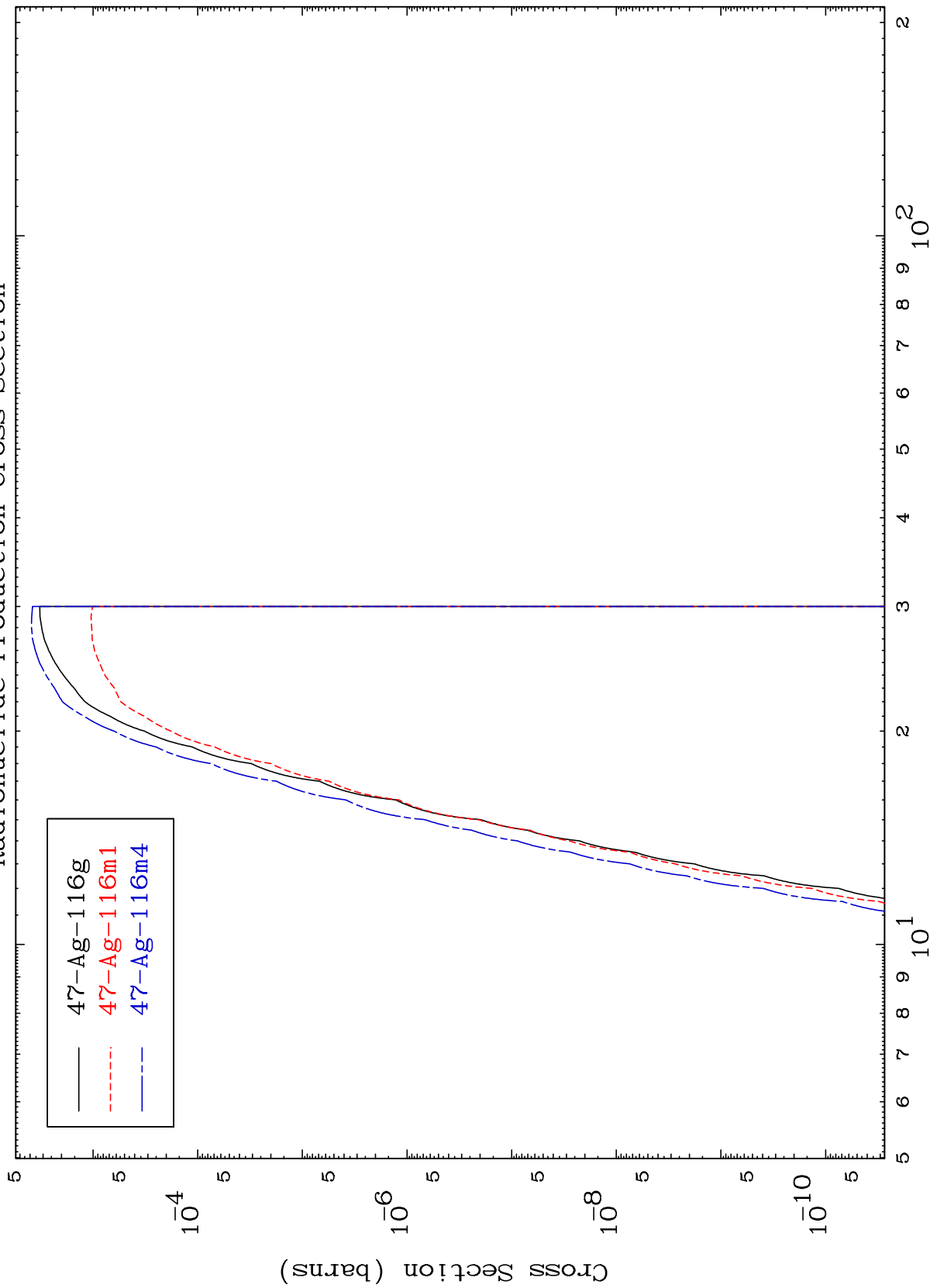
49-In-120

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49-In-120

(n,n')  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-120

23

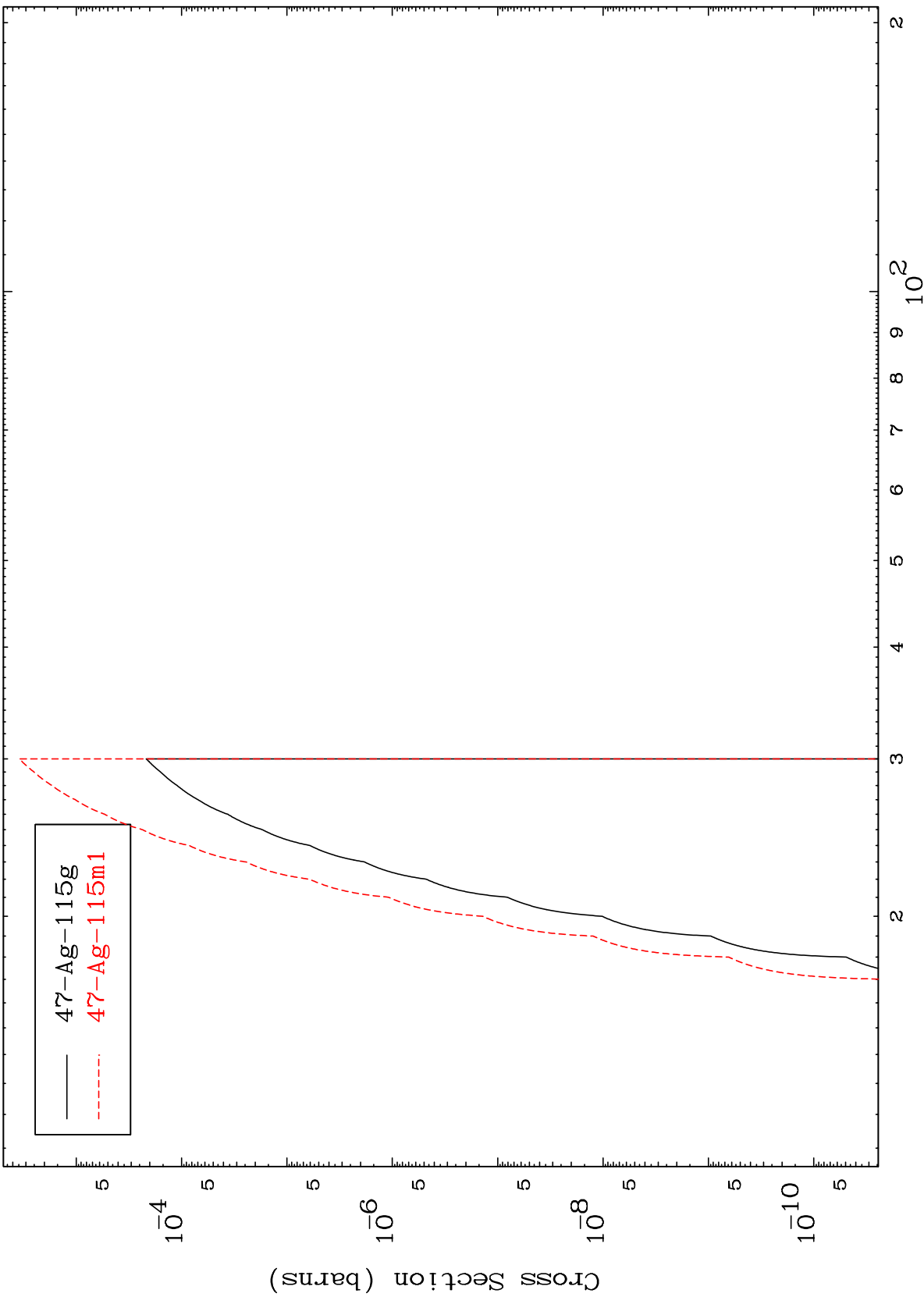


MAT 4948

(n,2n)  $\alpha$

49-In-120

Radionuclide Production Cross Section

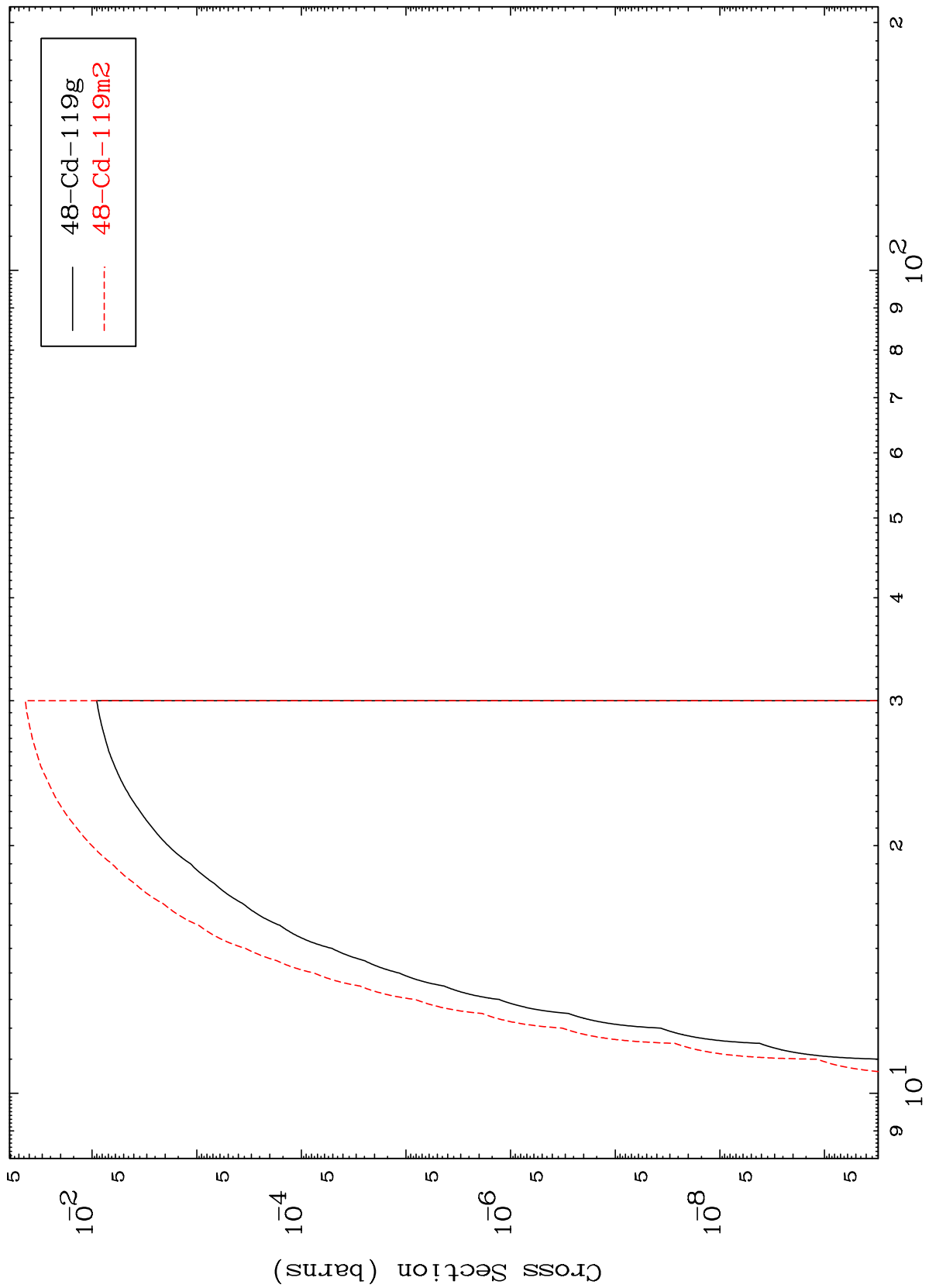


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(n,n') p

49-In-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

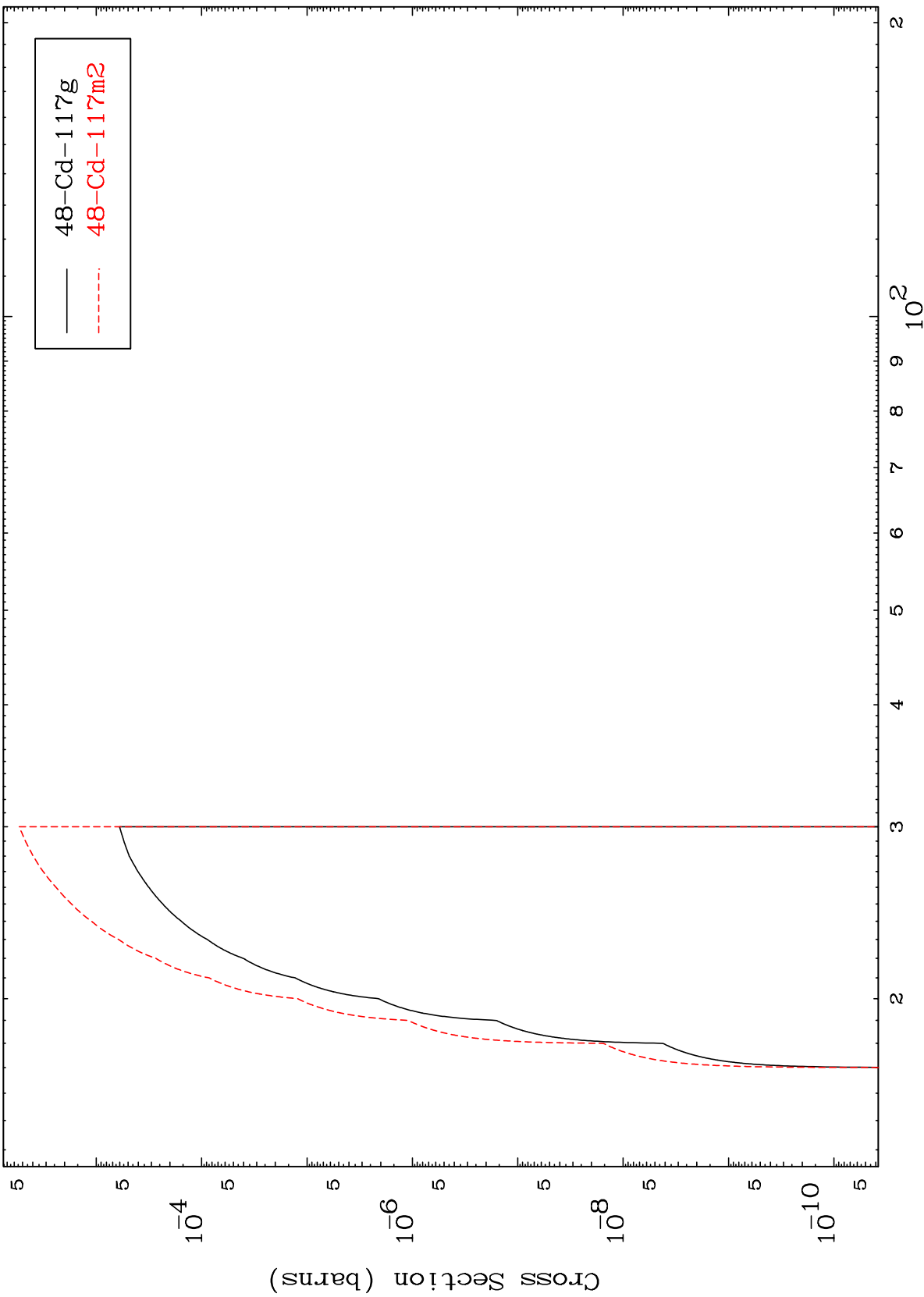
49-In-120

MAT 4948

(n,n') t

49-In-120

Radionuclide Production Cross Section



26

Incident Energy (MeV)

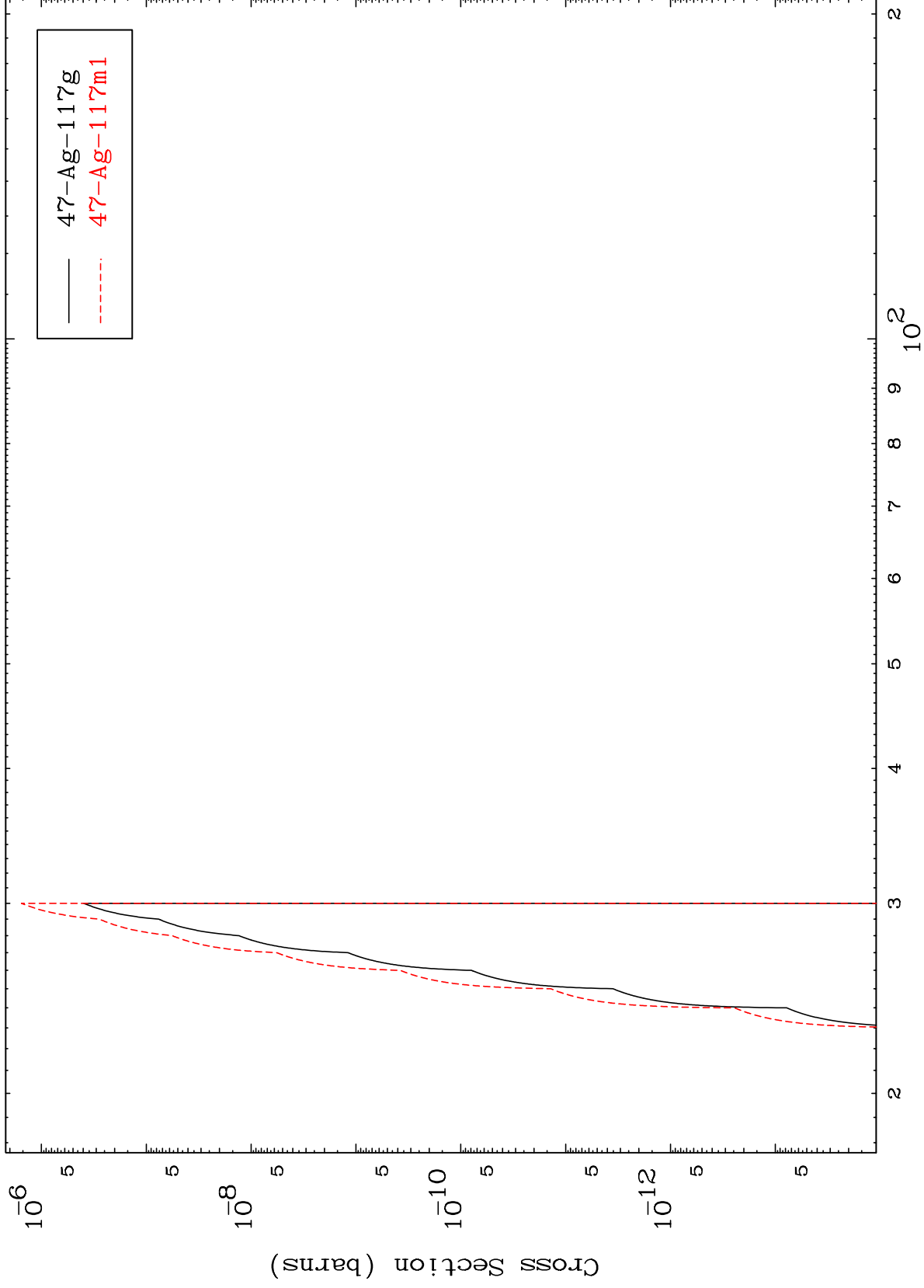
49-In-120

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(n,n') He-3

49-In-120

Radionuclide Production Cross Section



27

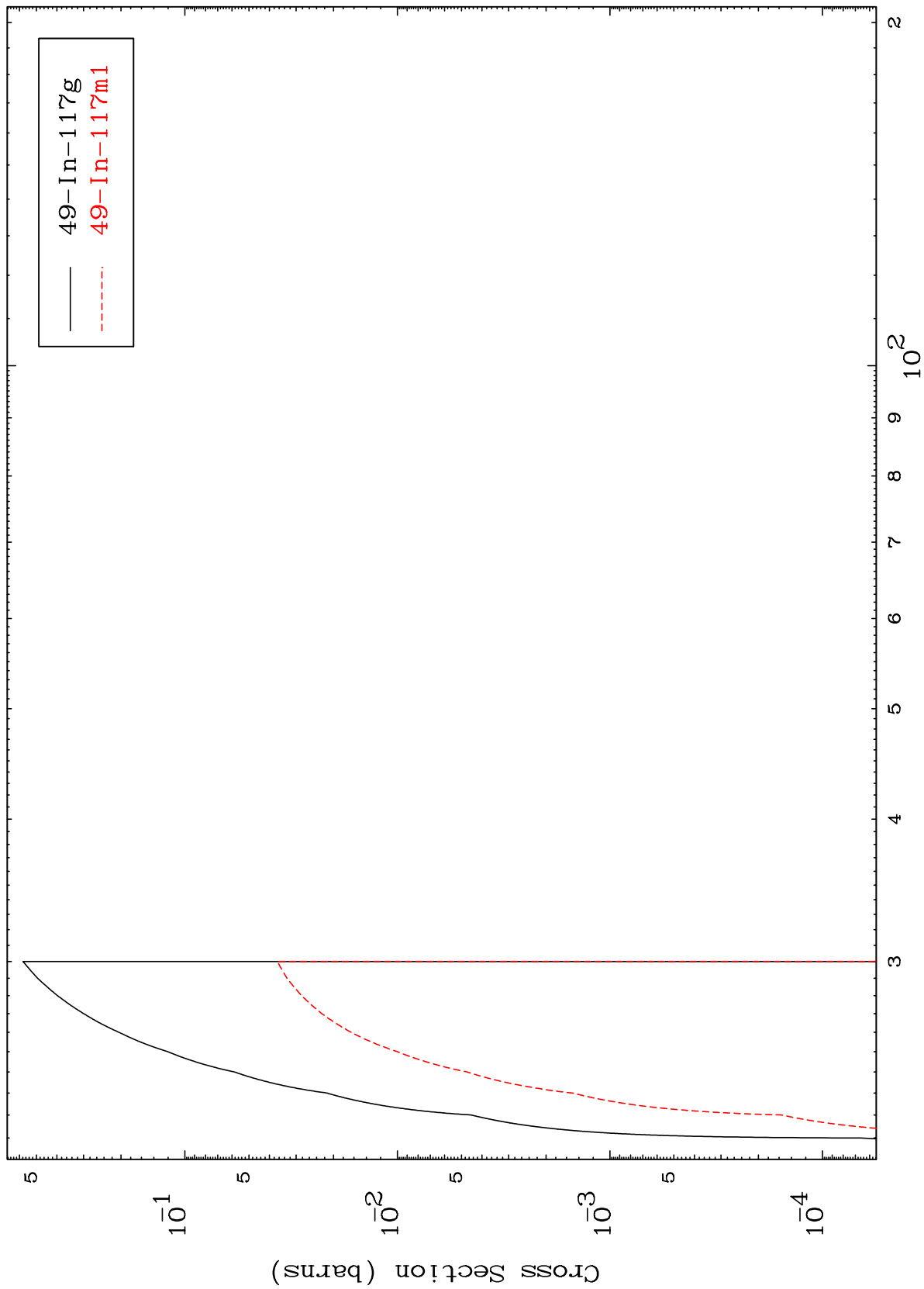
Incident Energy (MeV)

49-In-120

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49-In-120

(n,4n)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

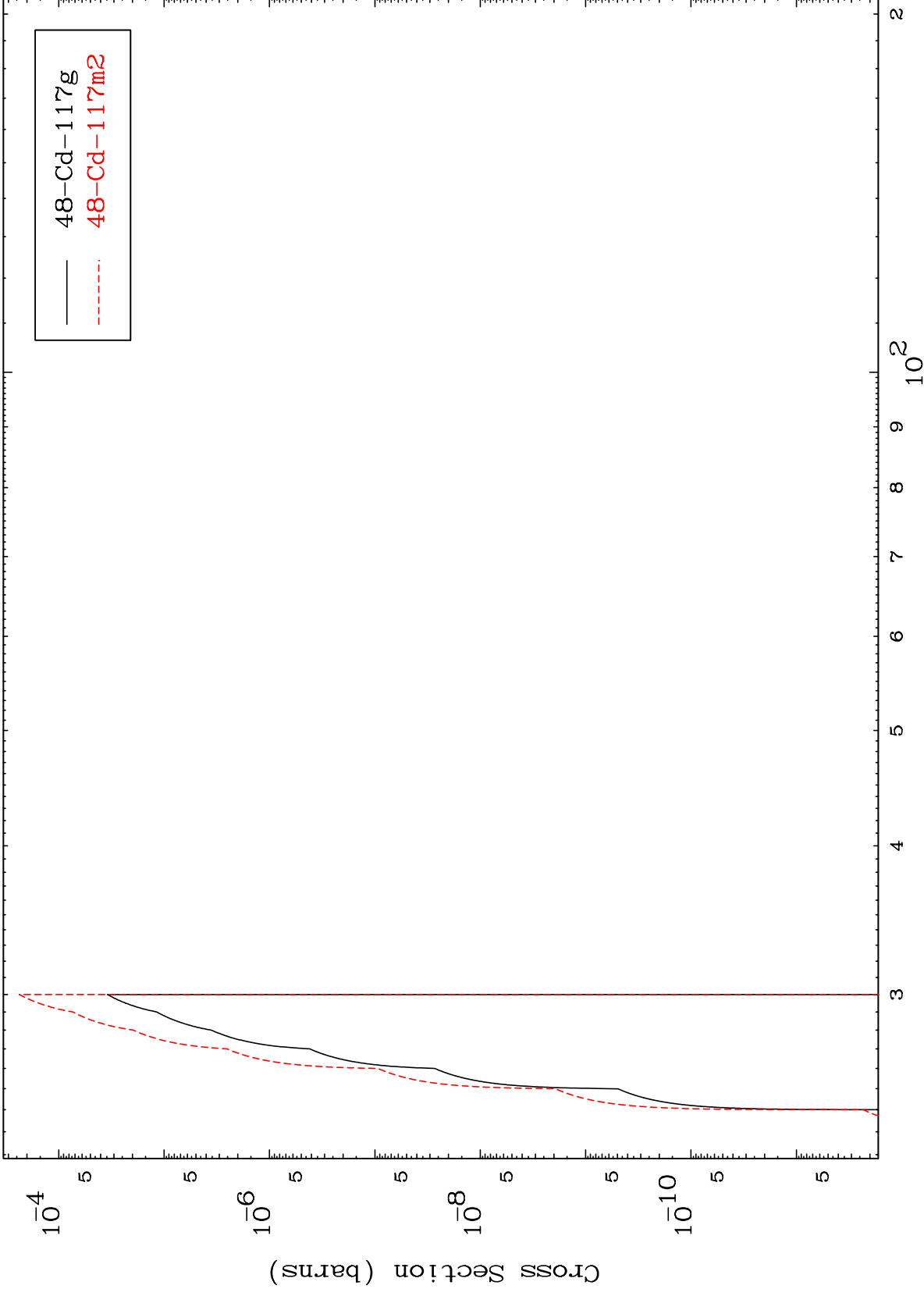
49-In-120

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(n,3n) p

49-In-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

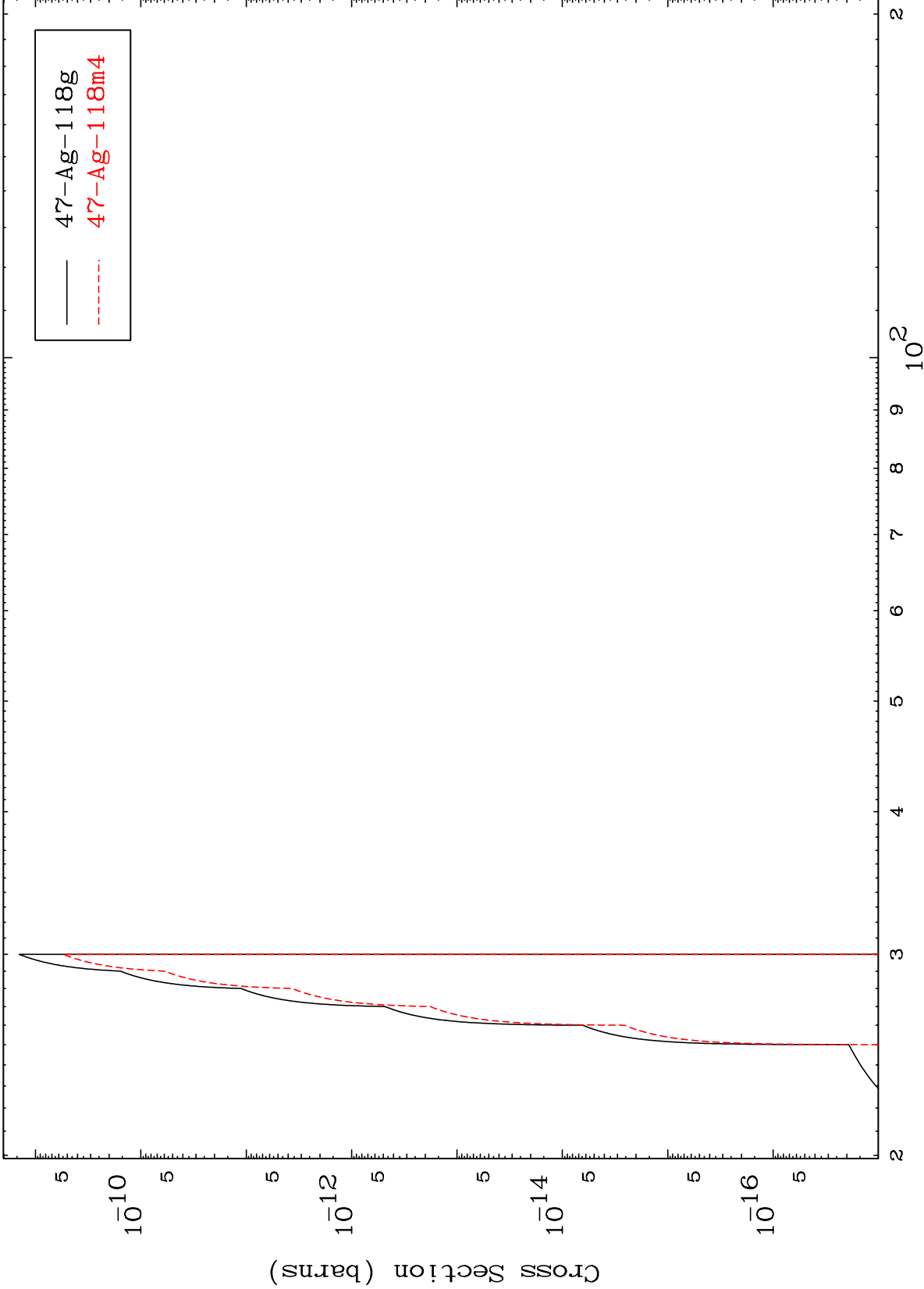
49-In-120

MAT 4948

(n,2n) p

49-In-120

Radionuclide Production Cross Section



30

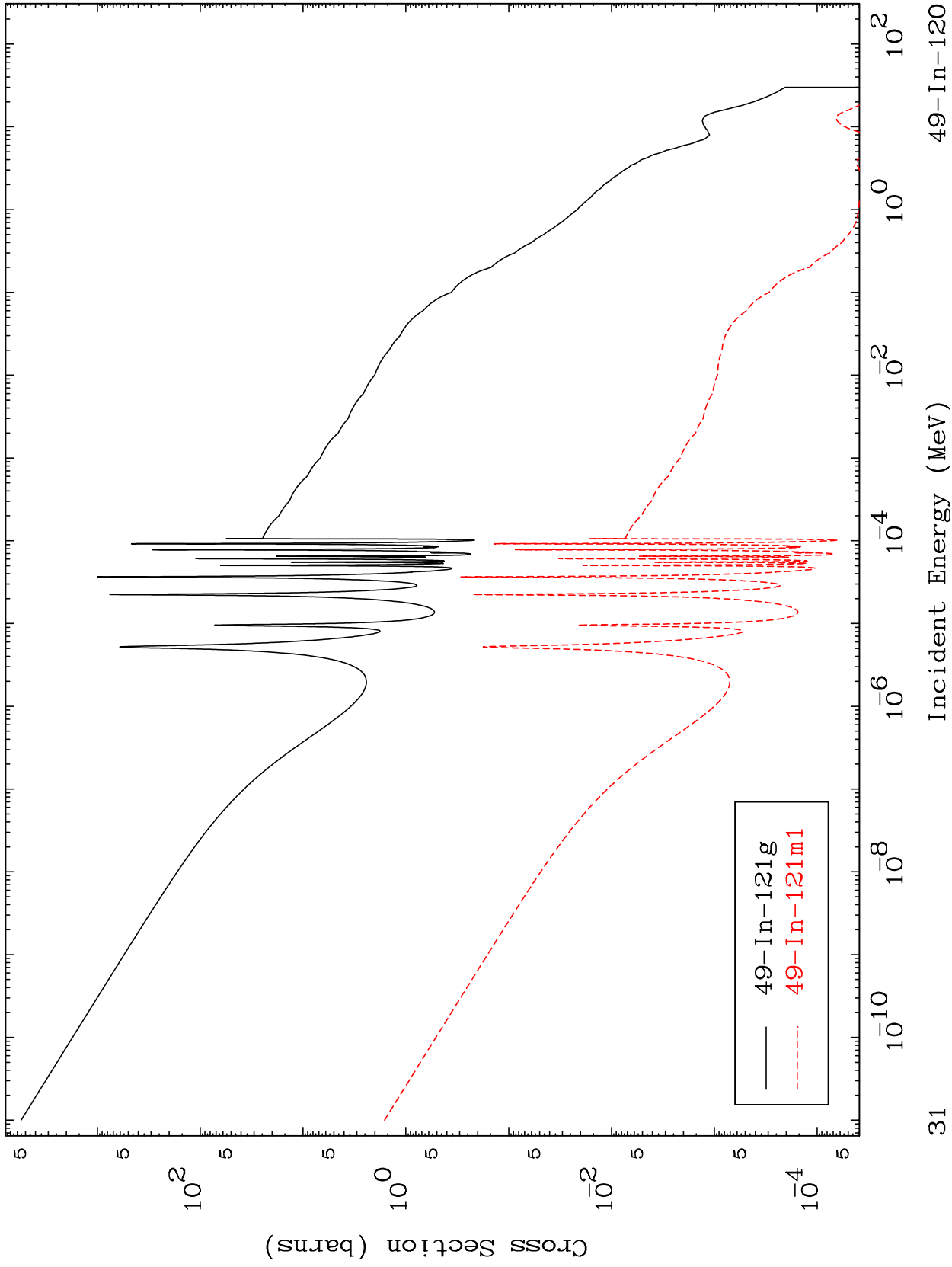
Incident Energy (MeV)

49-In-120

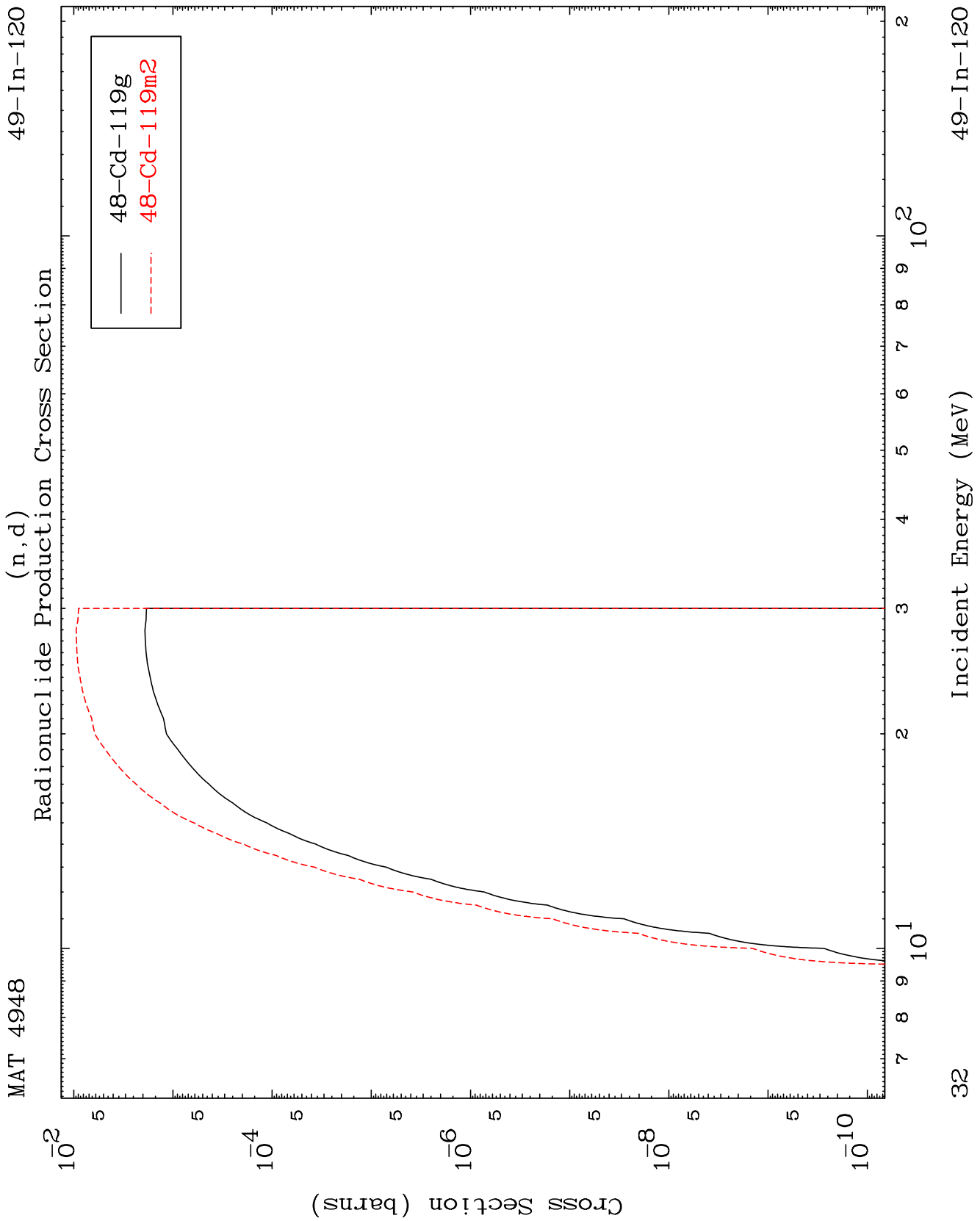
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49-In-120

(n,γ)  
Radionuclide Production Cross Section



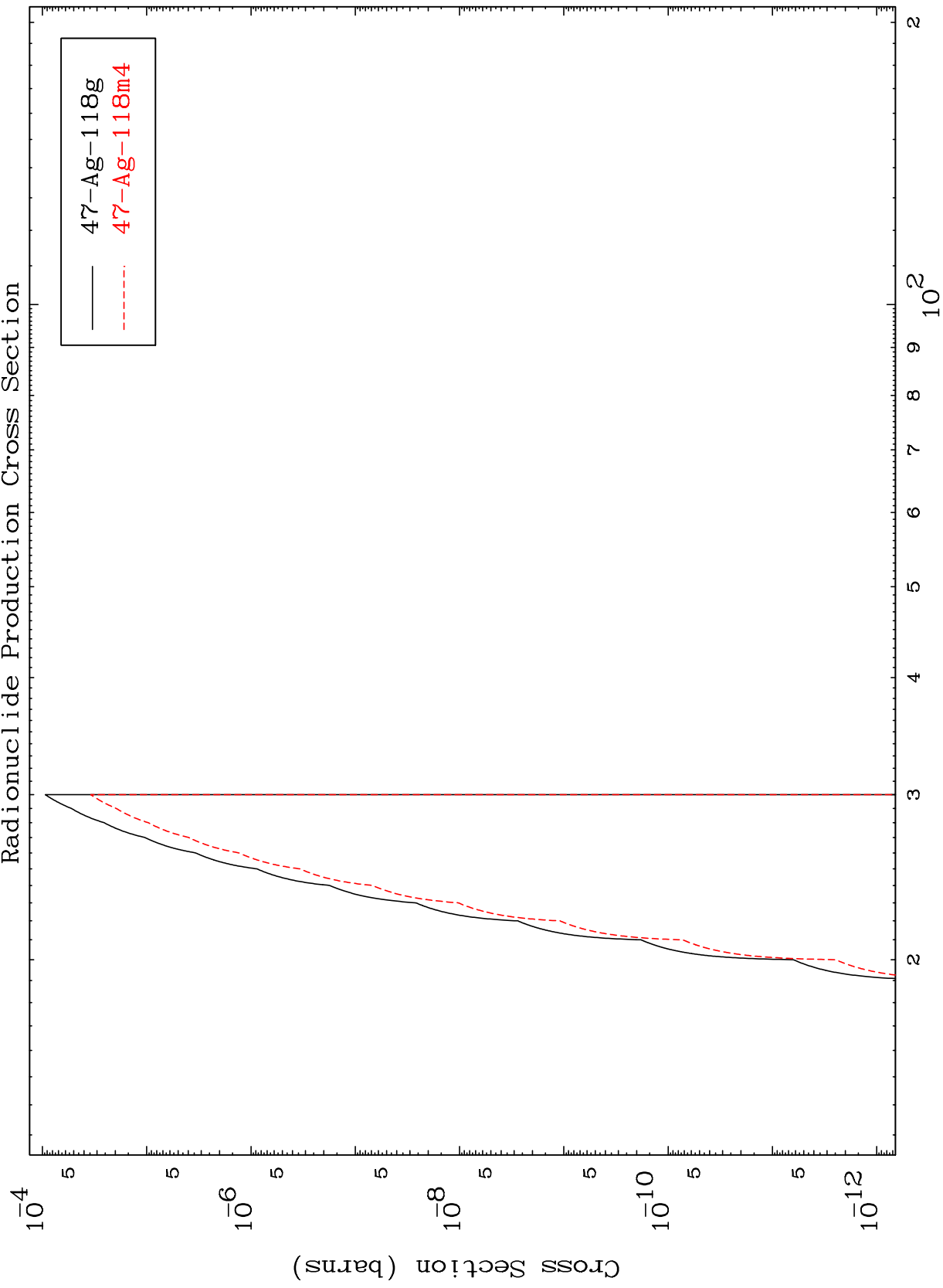




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49-In-120

(n,He-3)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

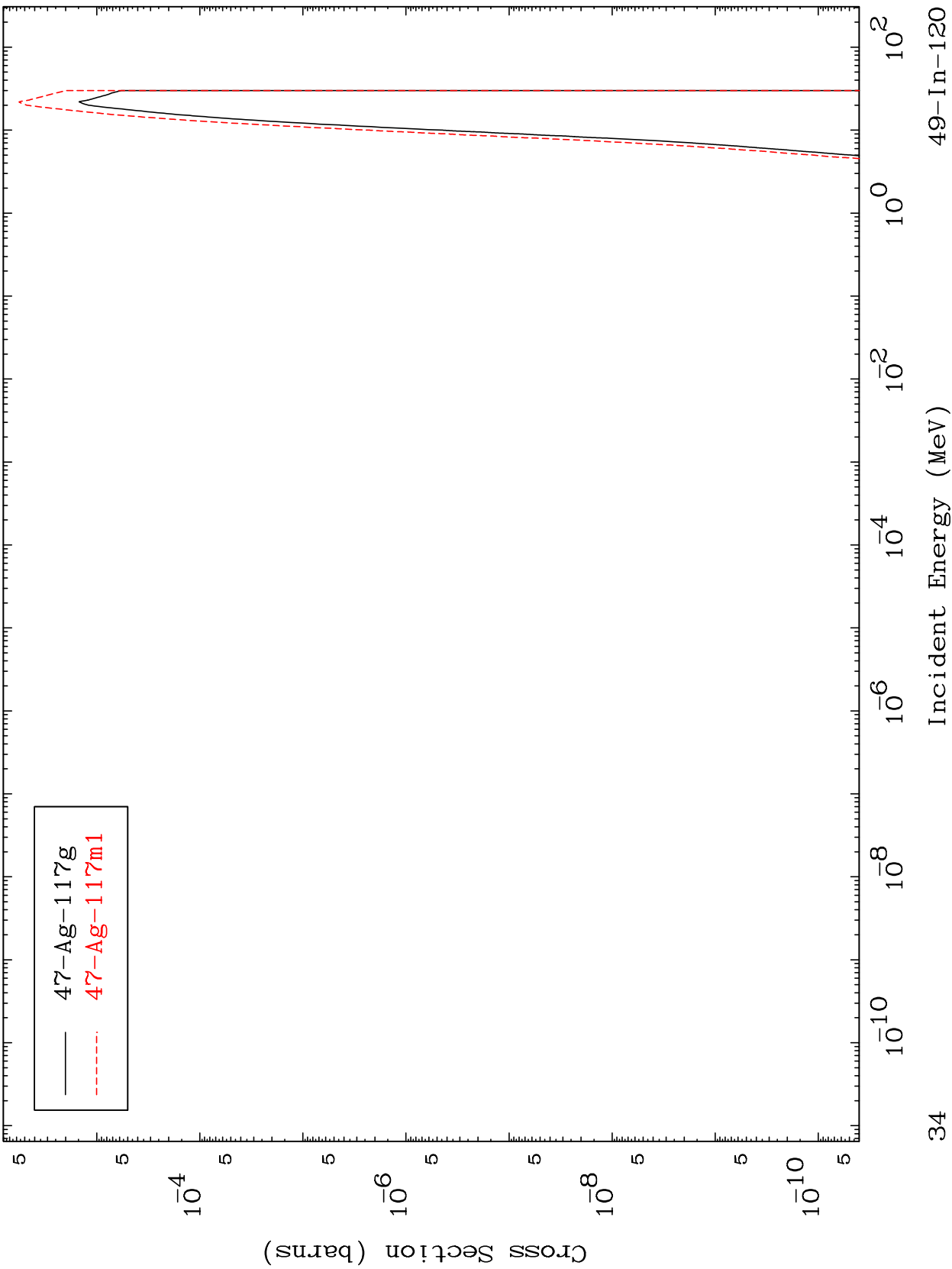
49-In-120

MAT 4948

(n,  $\alpha$ )

49-In-120

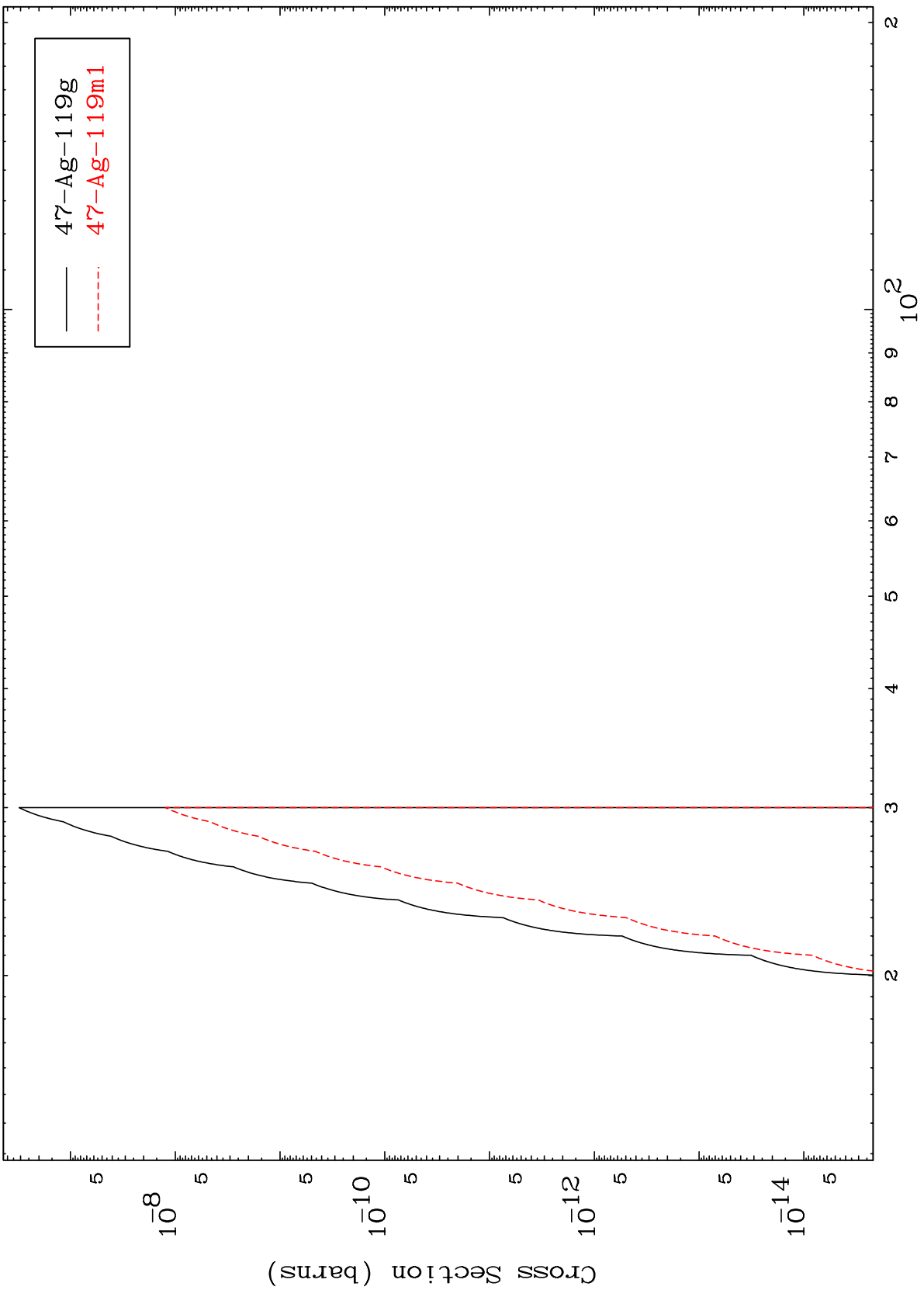
Radionuclide Production Cross Section



MAT 4948

49-In-120

(n,2p)  
Radionuclide Production Cross Section



47-Ag-119g  
47-Ag-119m1

35

49-In-120

Incident Energy (MeV)