

Program EVALPLOT  
(Version 2015-2)

by

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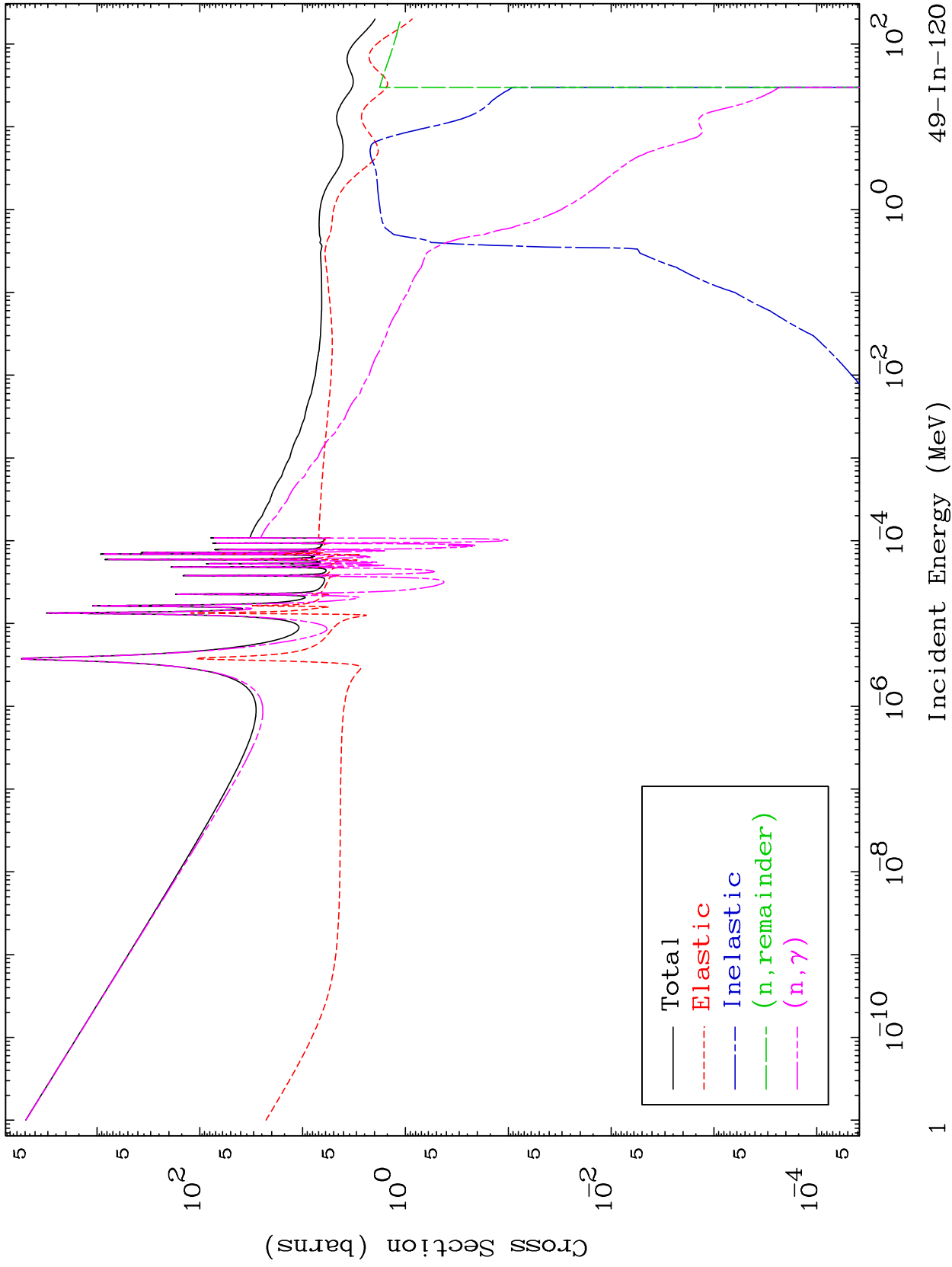
Press Mouse Button to Start

MAT 4947

Major

293 Kelvin Cross Sections

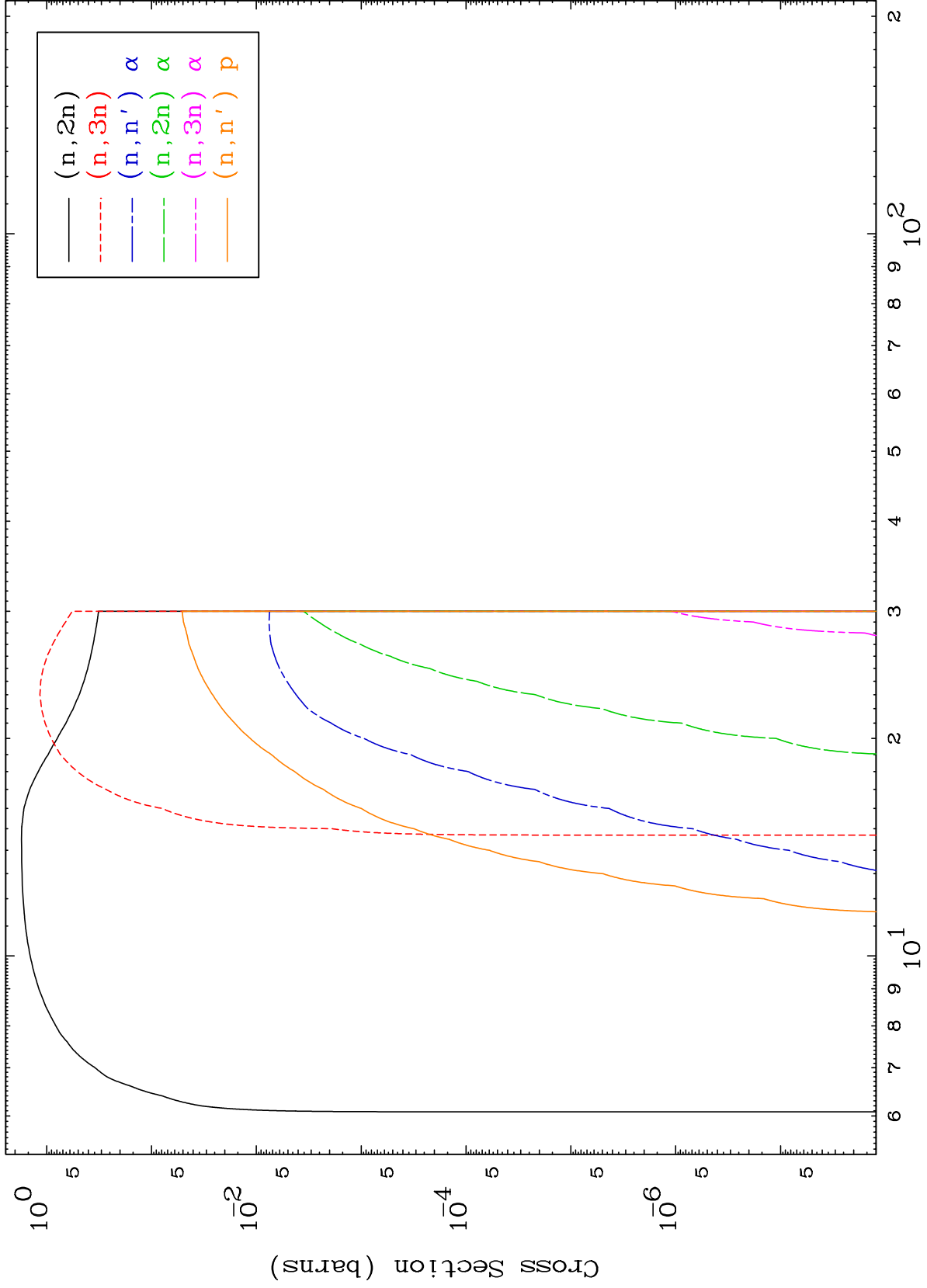
49-In-120

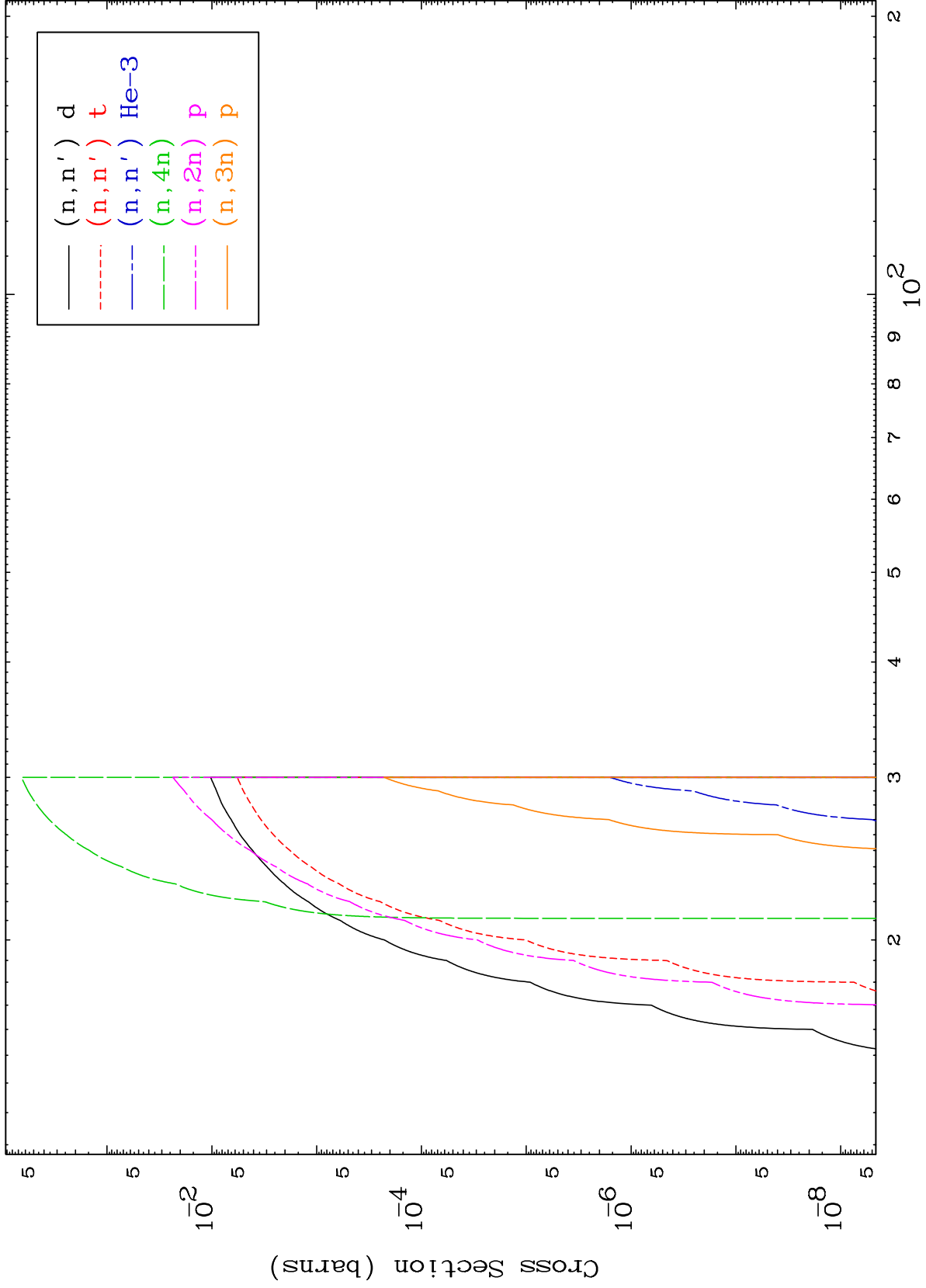


MAT 4947

Neutron Production  
293 Kelvin Cross Sections

49-In-120

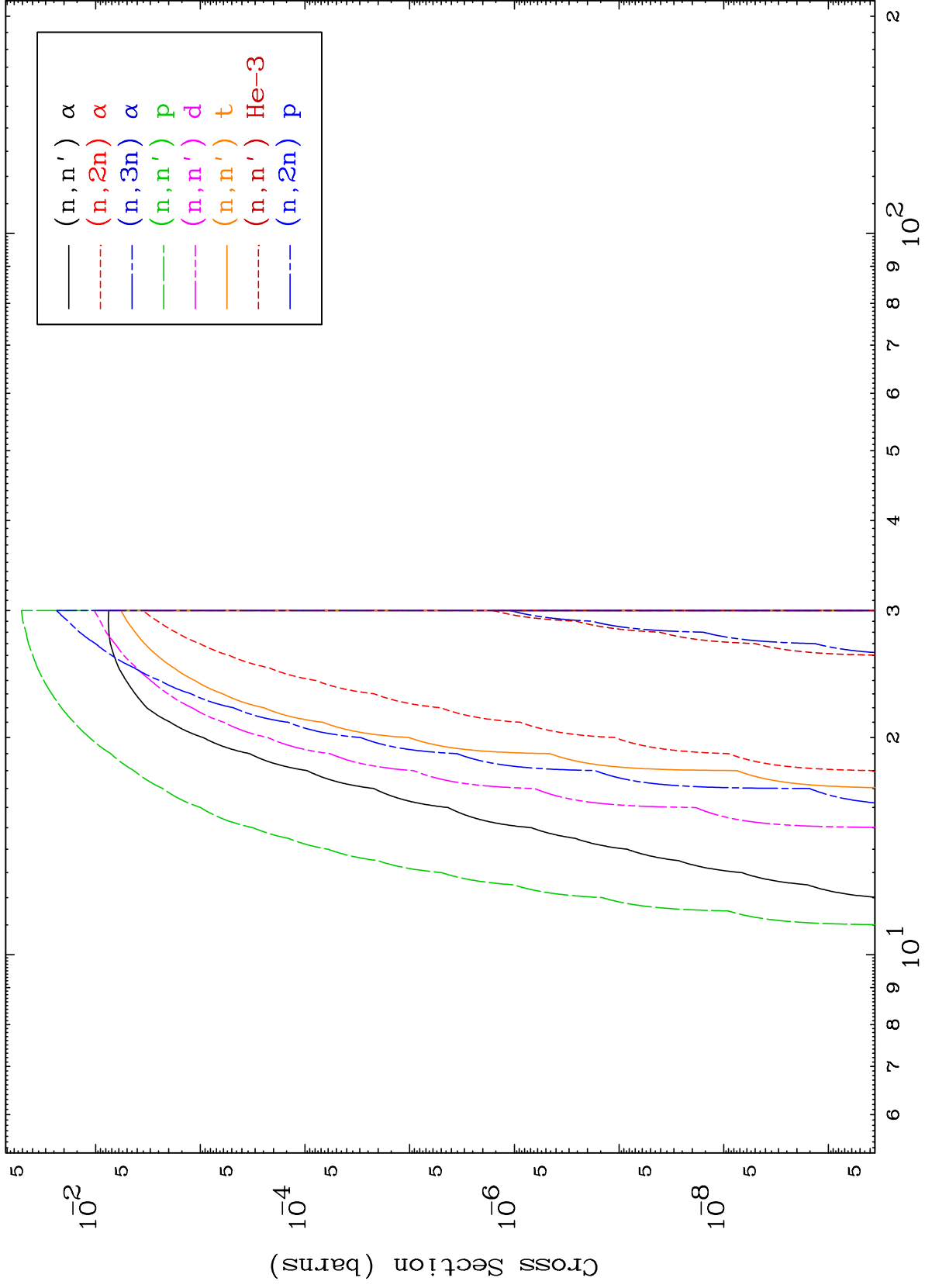




MAT 4947

Charged Particle  
293 Kelvin Cross Sections

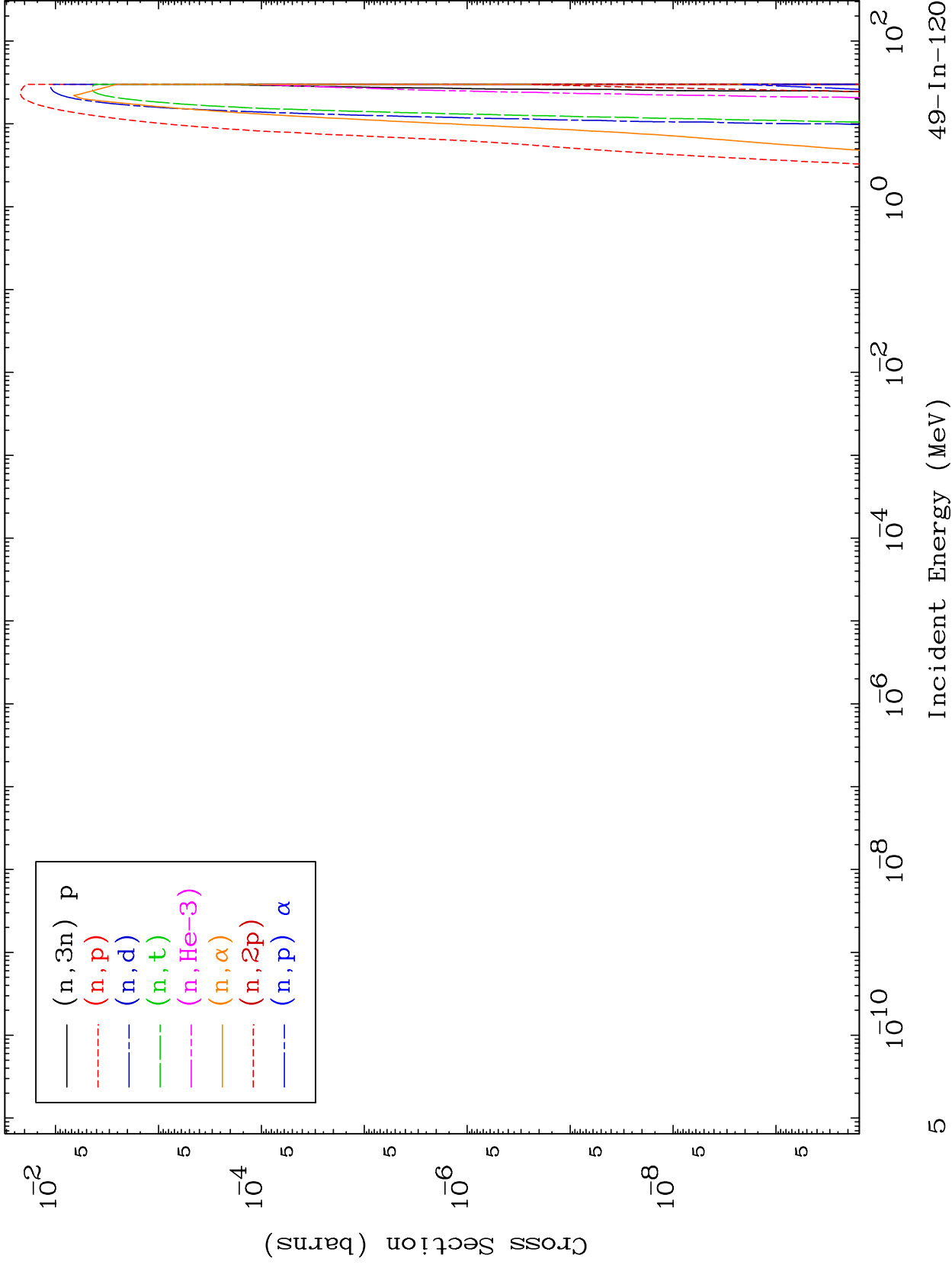
49-In-120



MAT 4947

Charged Particle  
293 Kelvin Cross Sections

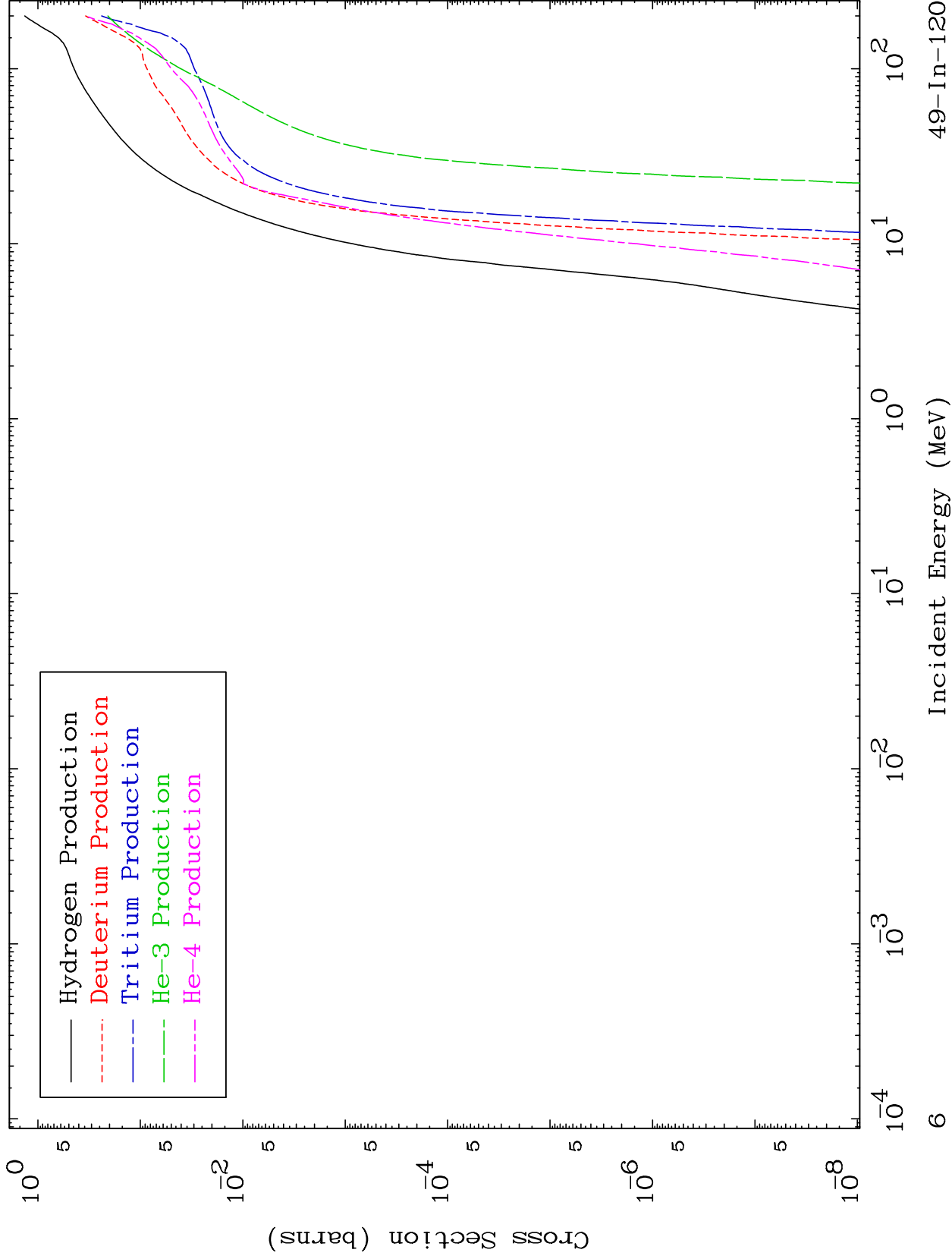
49-In-120



MAT 4947

Particle Production  
293 Kelvin Cross Sections

49-In-120



MAT 4947

(n,n') Level  
293 Kelvin Cross Sections

49-In-120



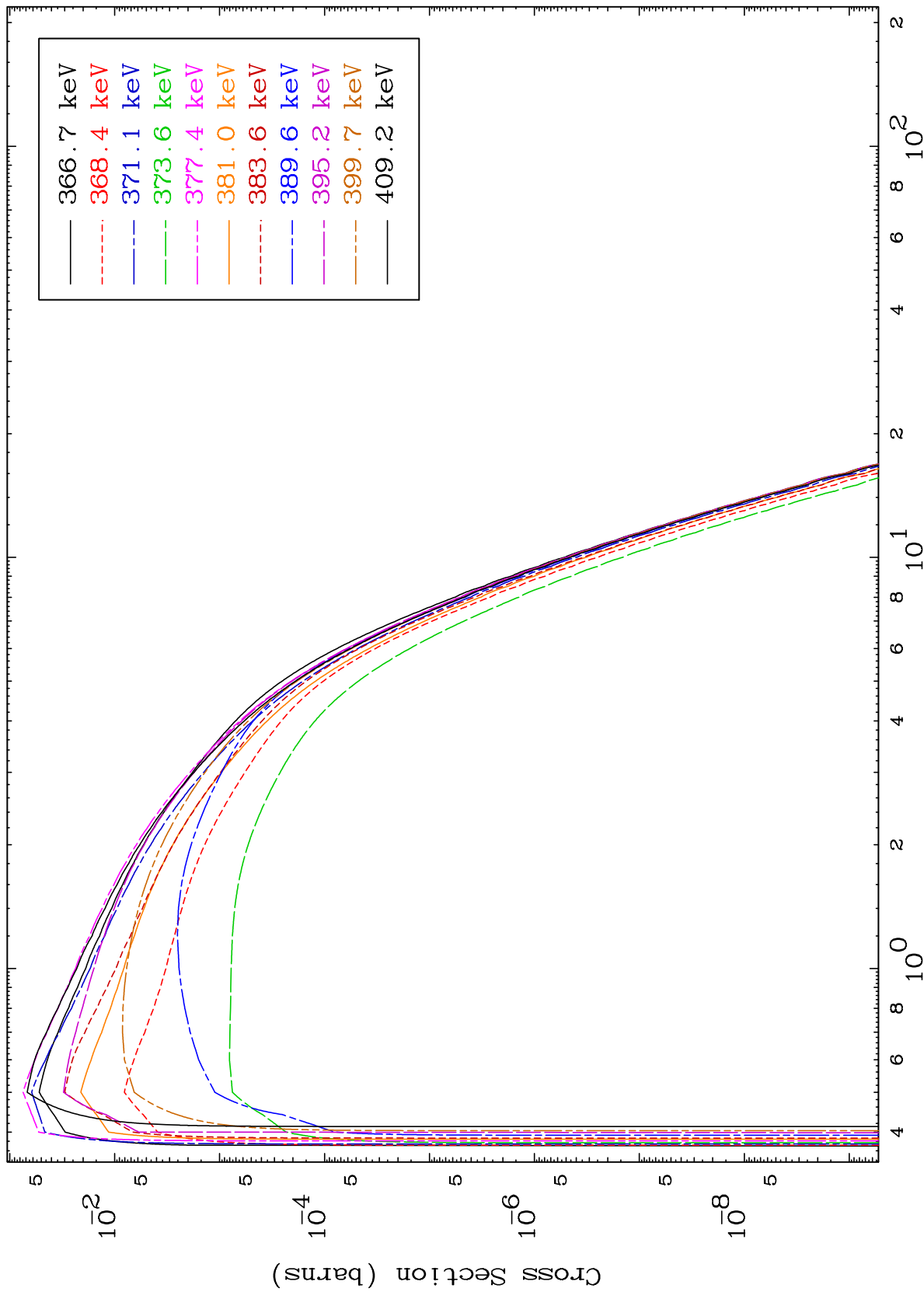


MAT 4947

(n,n') Level

49-In-120

293 Kelvin Cross Sections



8

Incident Energy (MeV)

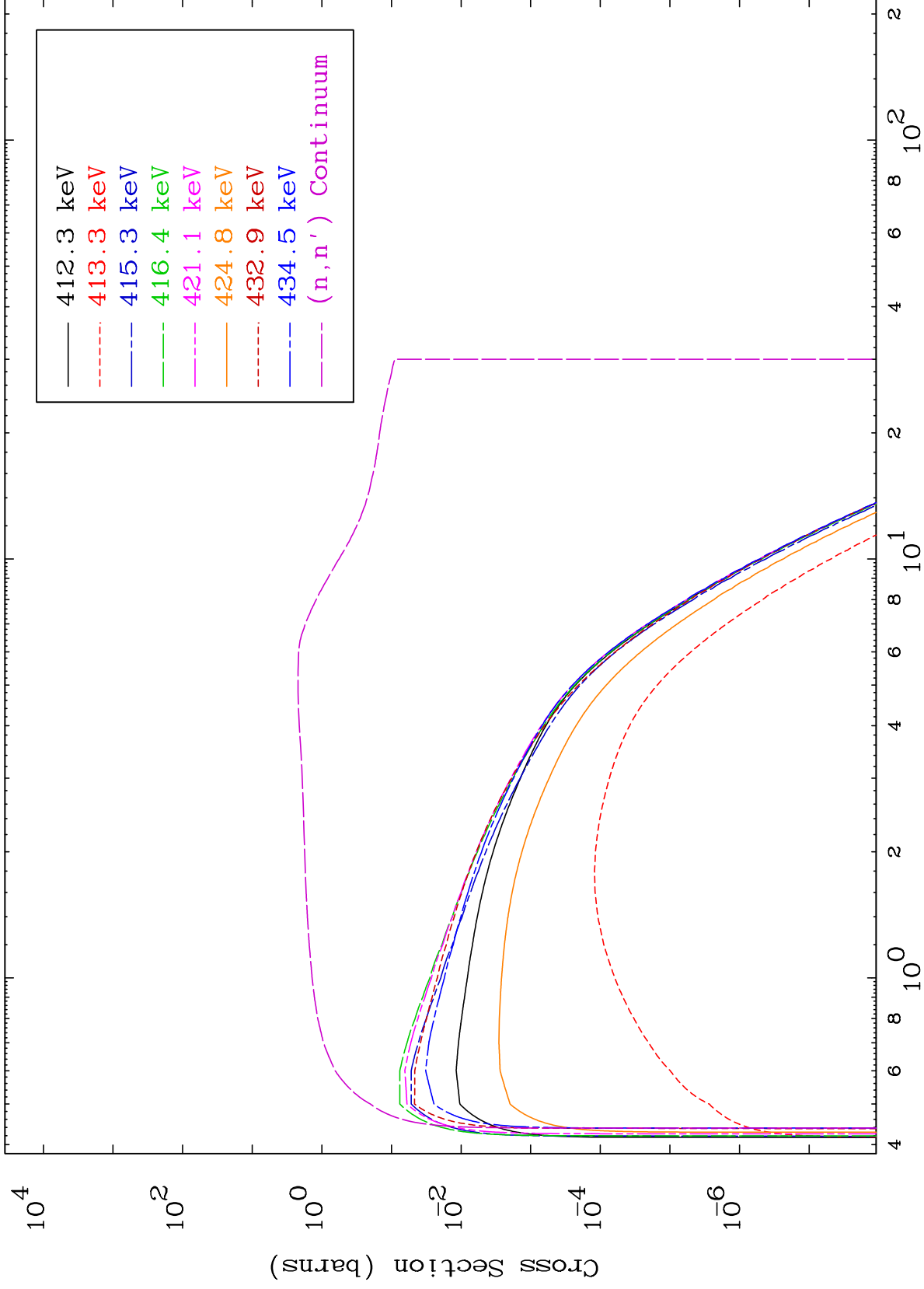
49-In-120

MAT 4947

(n,n') Level

49-In-120

293 Kelvin Cross Sections



9

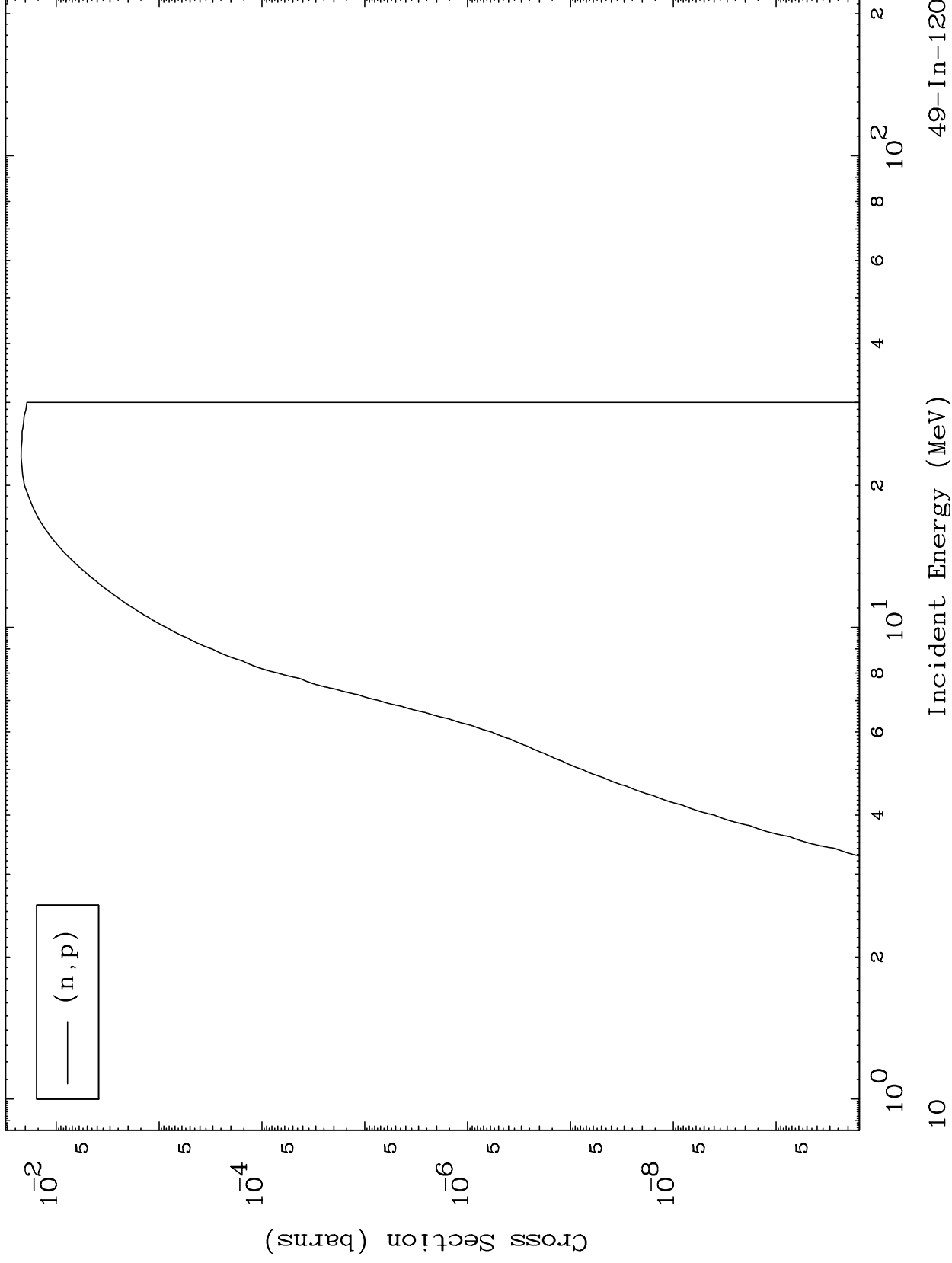
Incident Energy (MeV)

49-In-120

MAT 4947

(n,p) Levels  
293 Kelvin Cross Sections

49-In-120

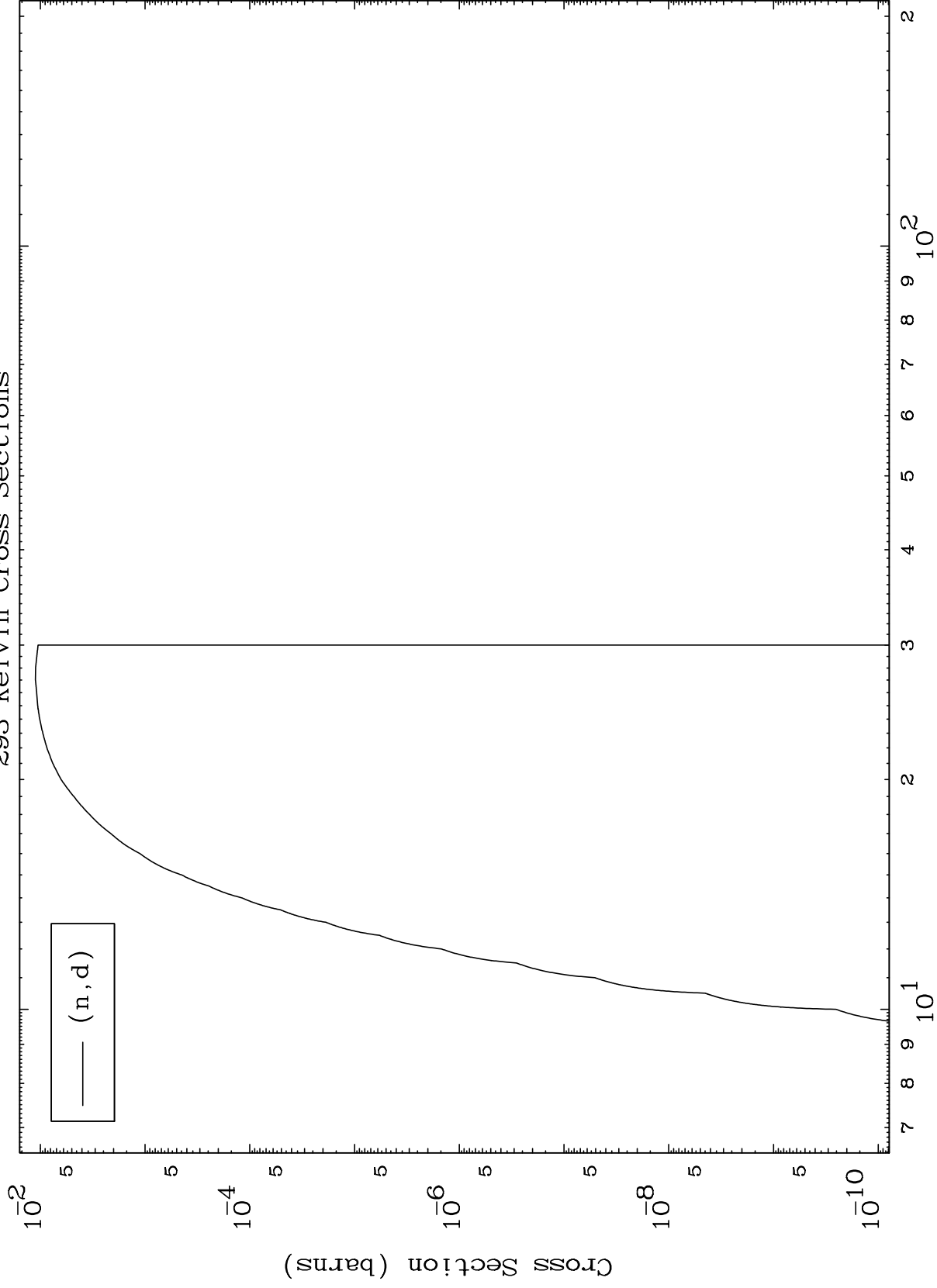


49-In-120

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(n,d) Levels  
293 Kelvin Cross Sections

49-In-120



11

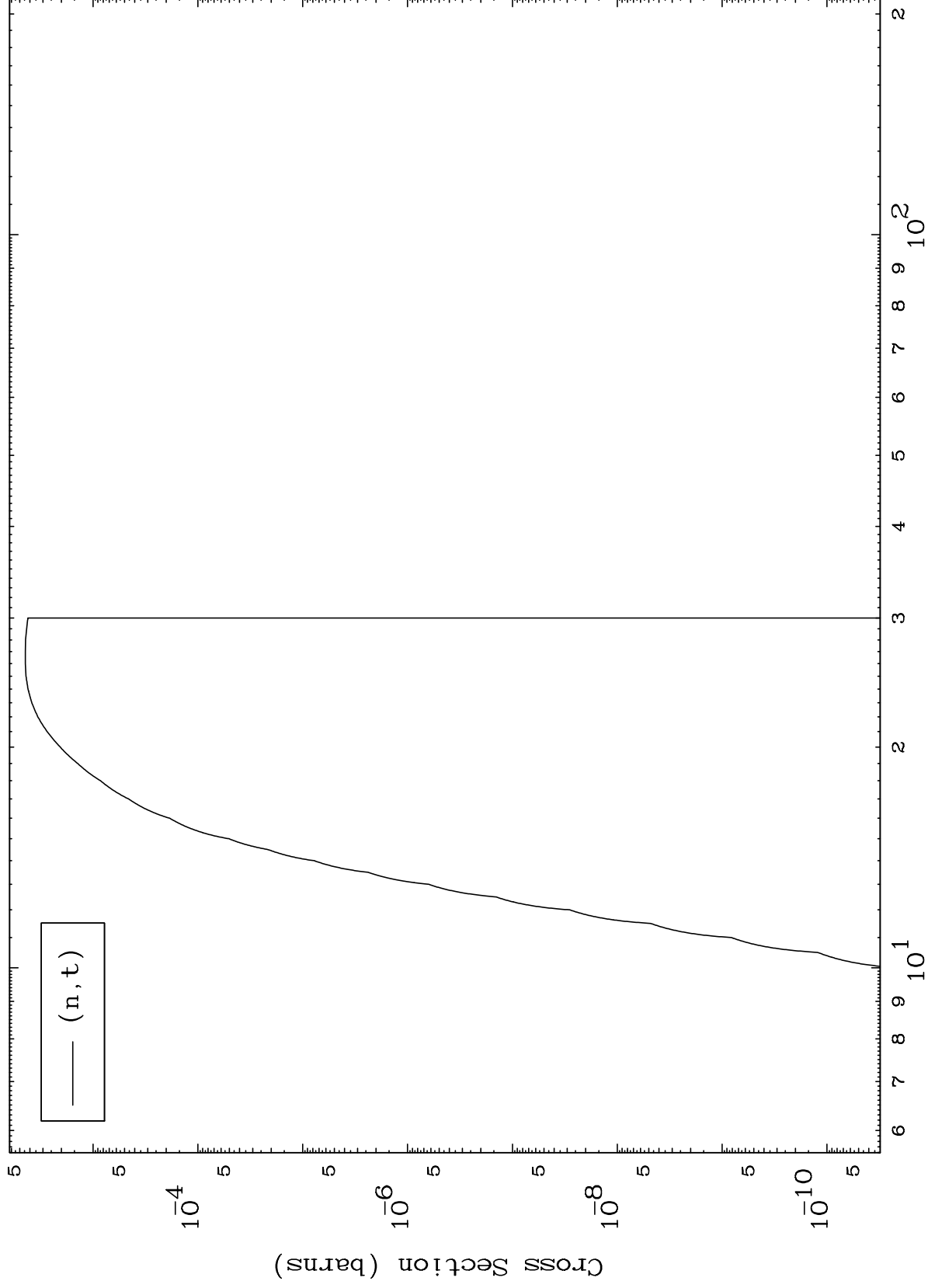
Incident Energy (MeV)

49-In-120

MAT 4947

(n,t) Levels  
293 Kelvin Cross Sections

49-In-120



12

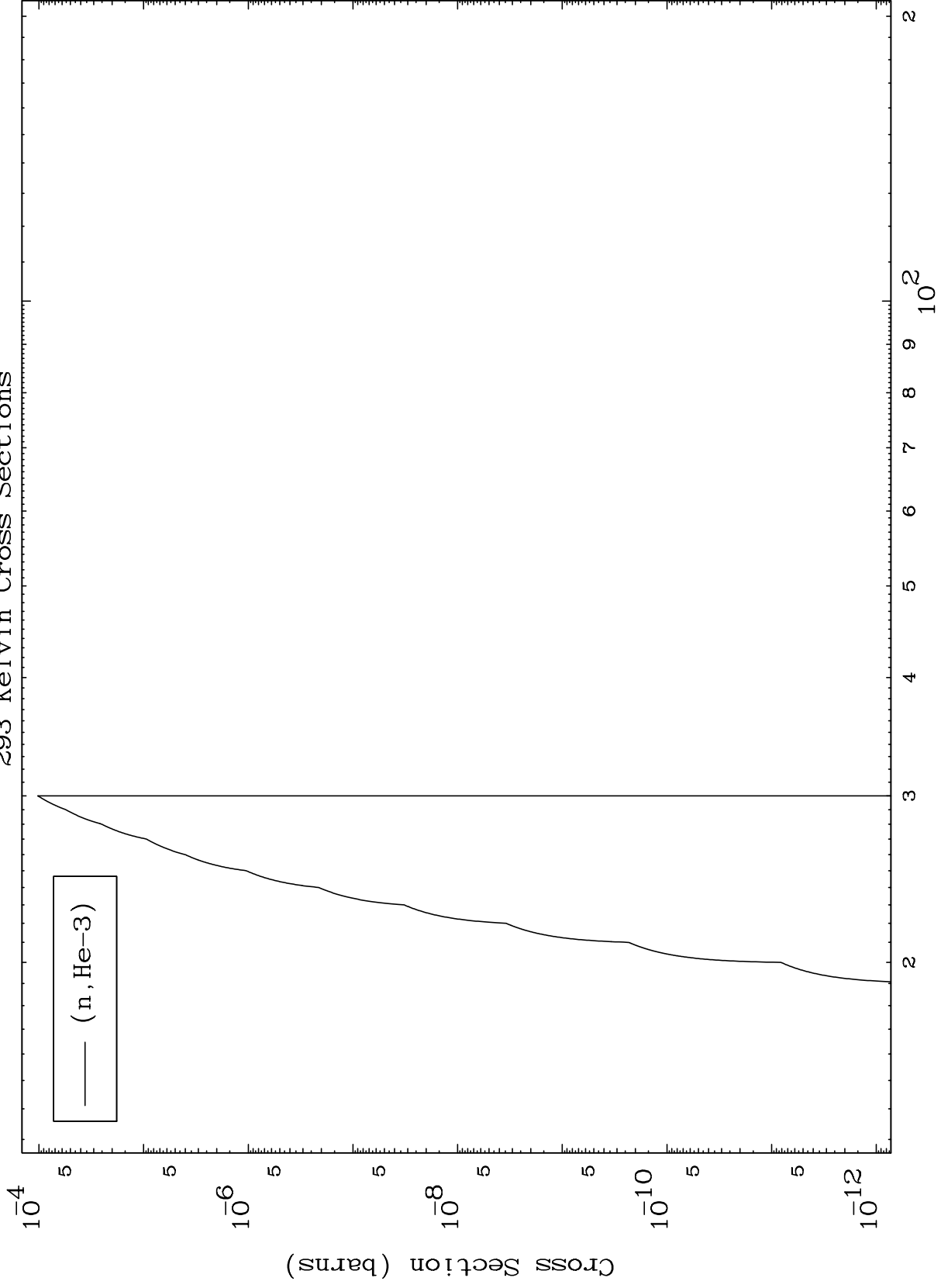
Incident Energy (MeV)

49-In-120

MAT 4947

(n,He3) Levels  
293 Kelvin Cross Sections

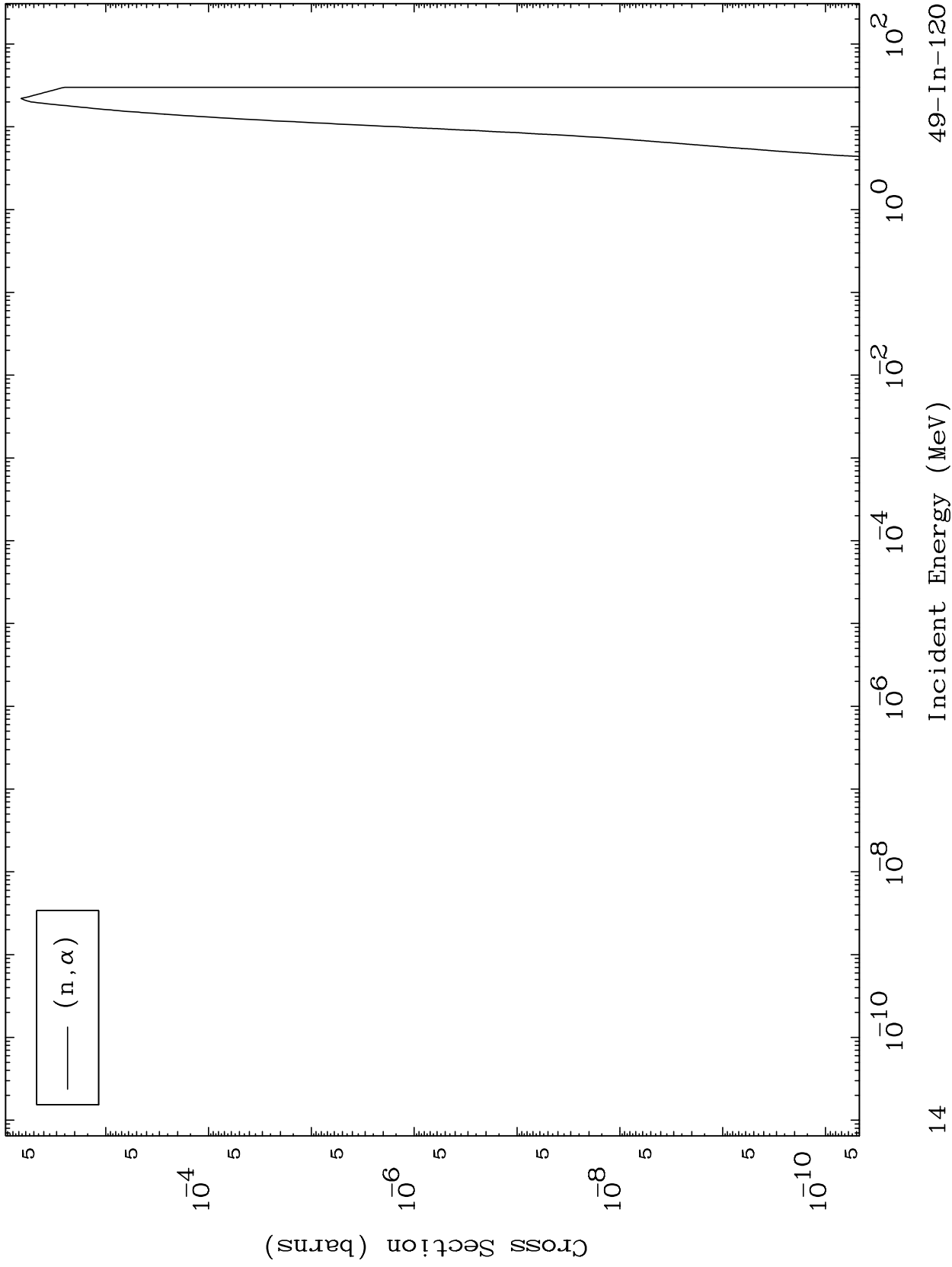
49-In-120

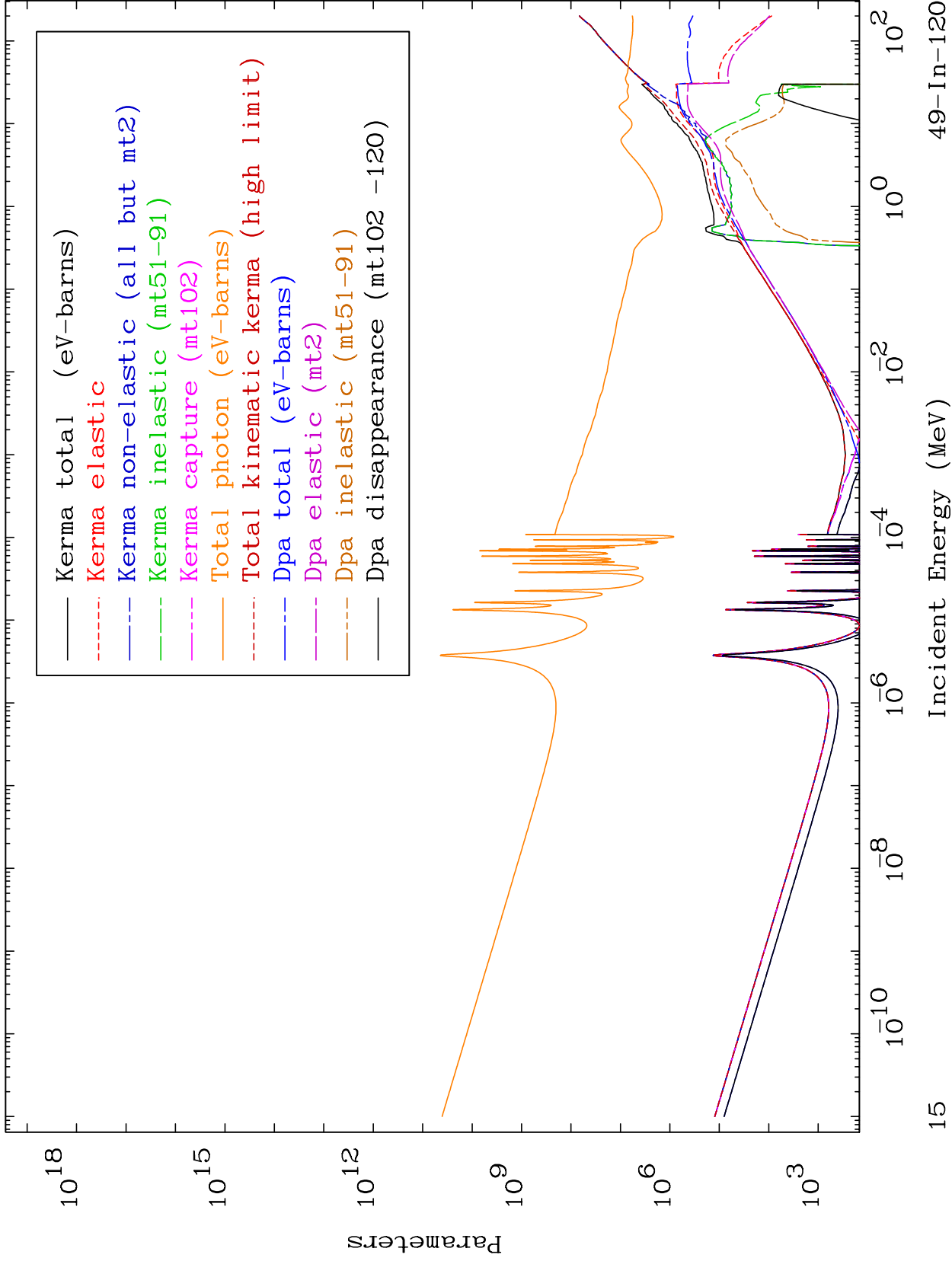


MAT 4947

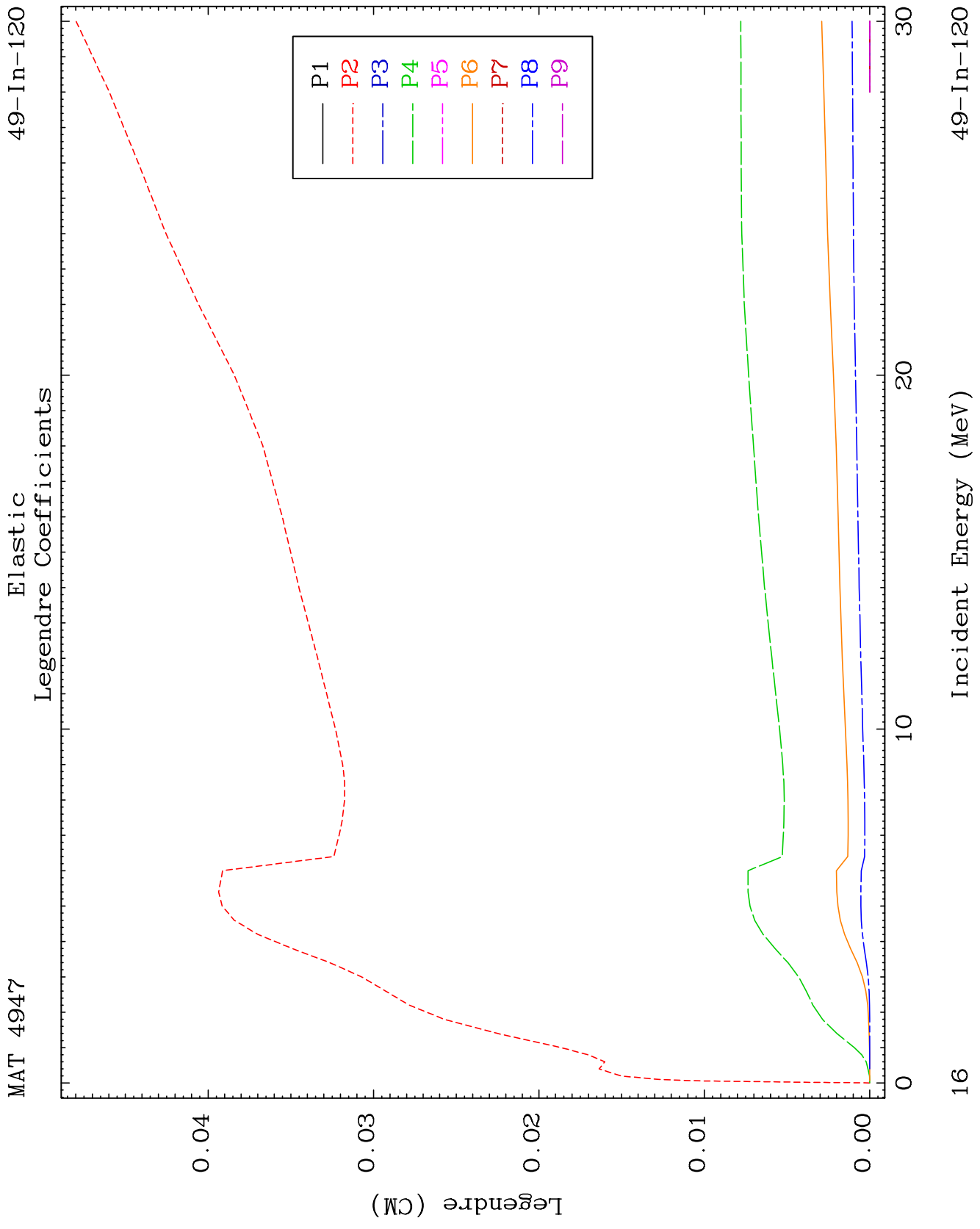
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

49-In-120





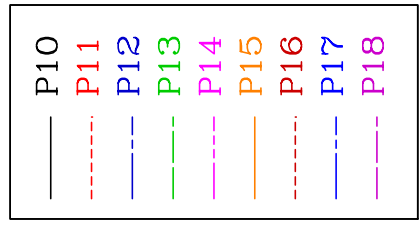




MAT 4947

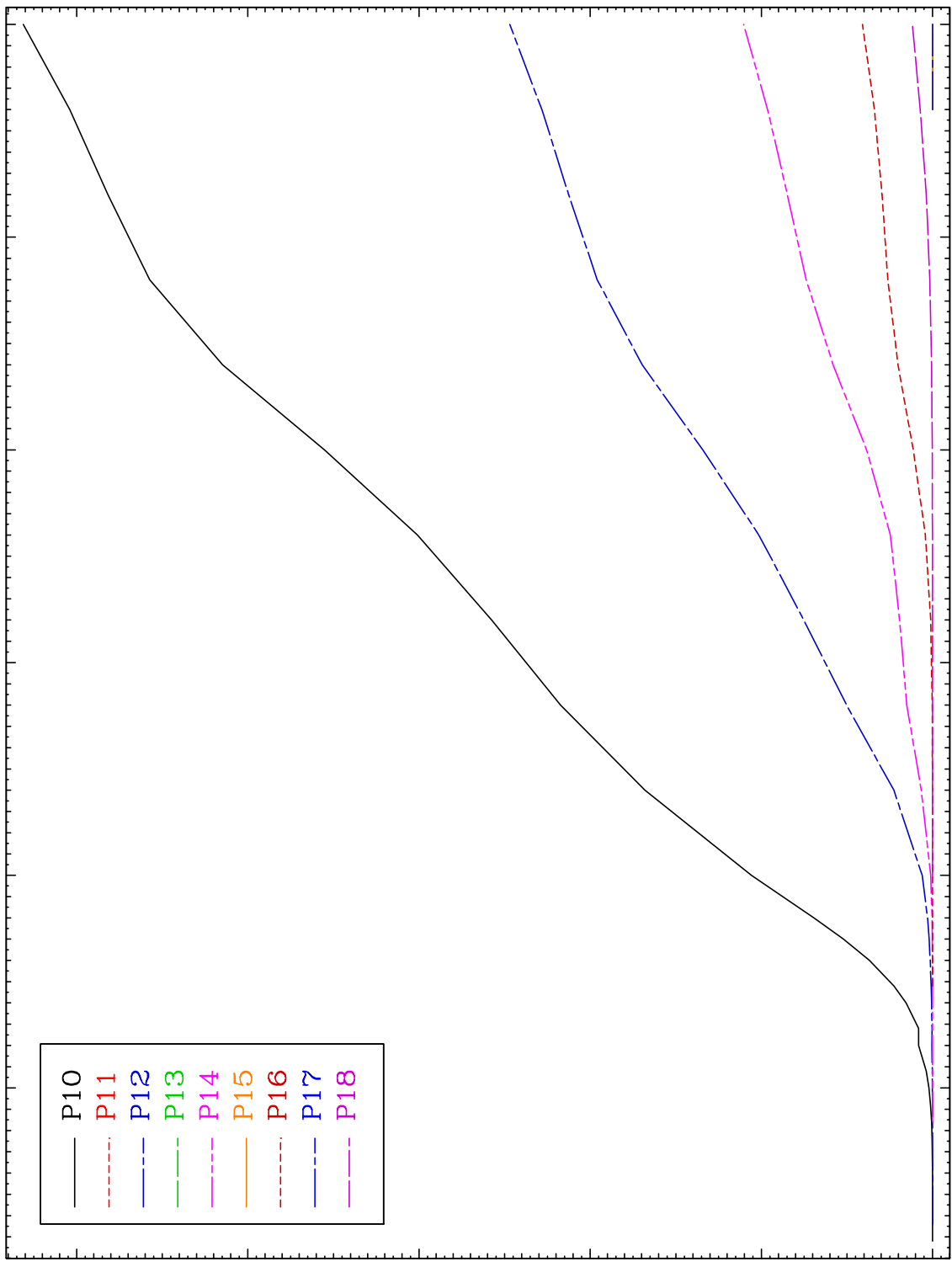
Elastic Legendre Coefficients

49-In-120



$\times 10^{-4}$

Legendre (CM)



17

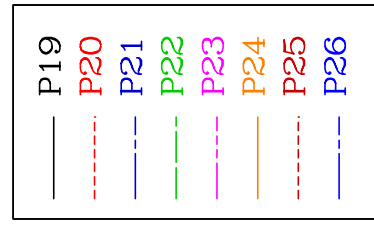
Incident Energy (MeV)

49-In-120

MAT 4947

Elastic  
Legendre Coefficients

49-In-120



$\times 10^{-7}$

Legendre (CM)

4

2

0

15

20

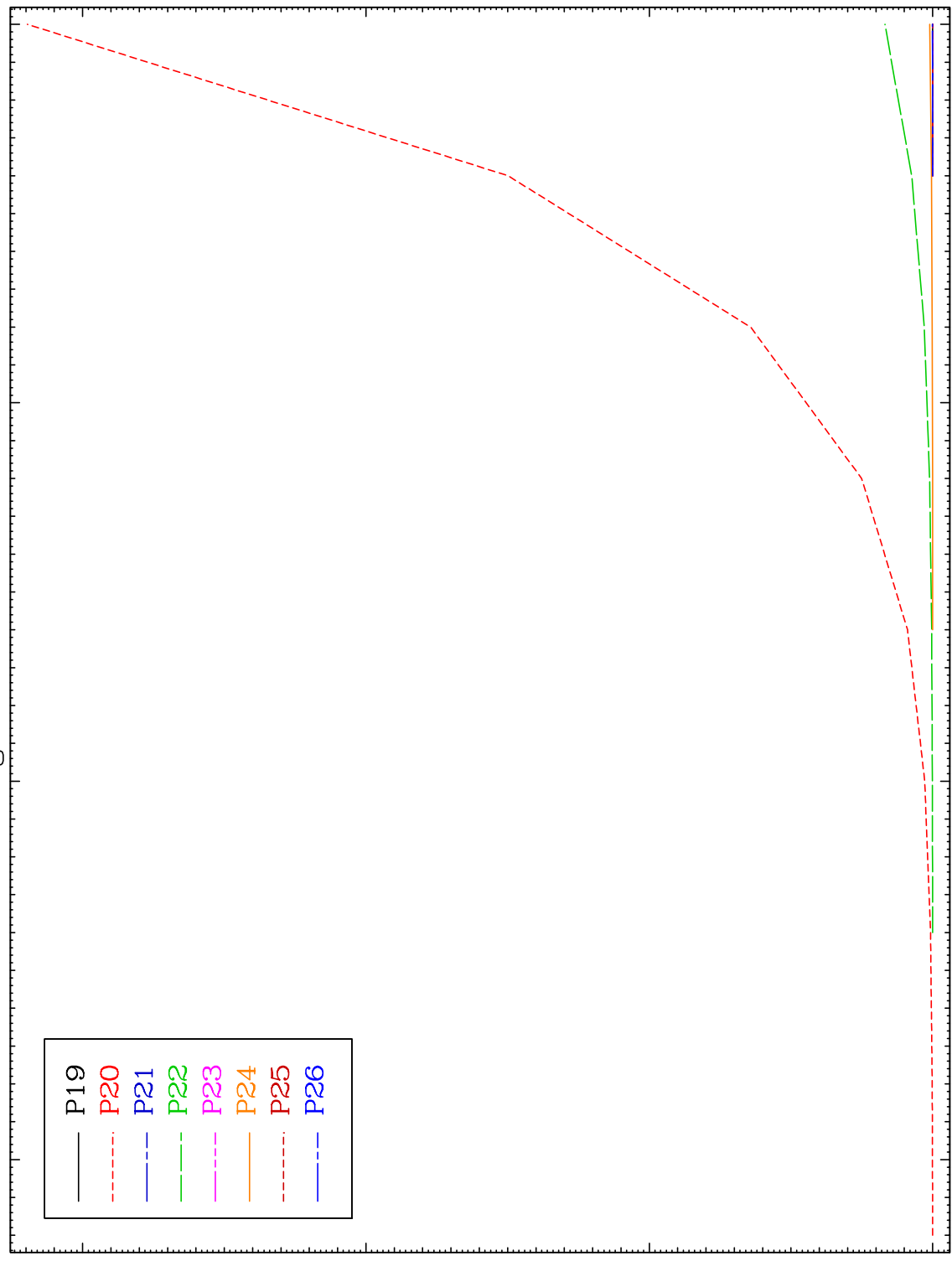
25

30

18

Incident Energy (MeV)

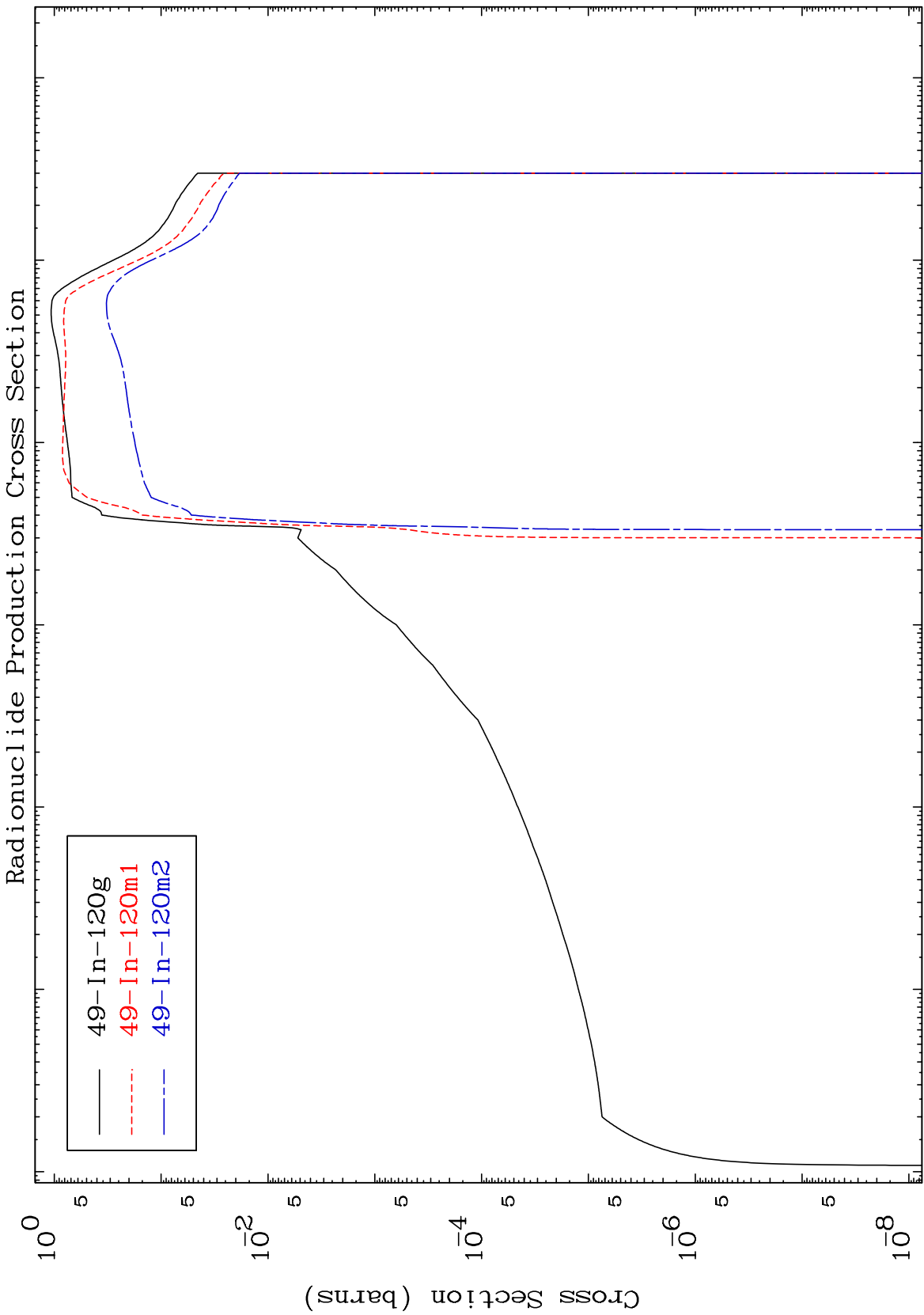
49-In-120



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49-In-120

Inelastic  
Radionuclide Production Cross Section



19

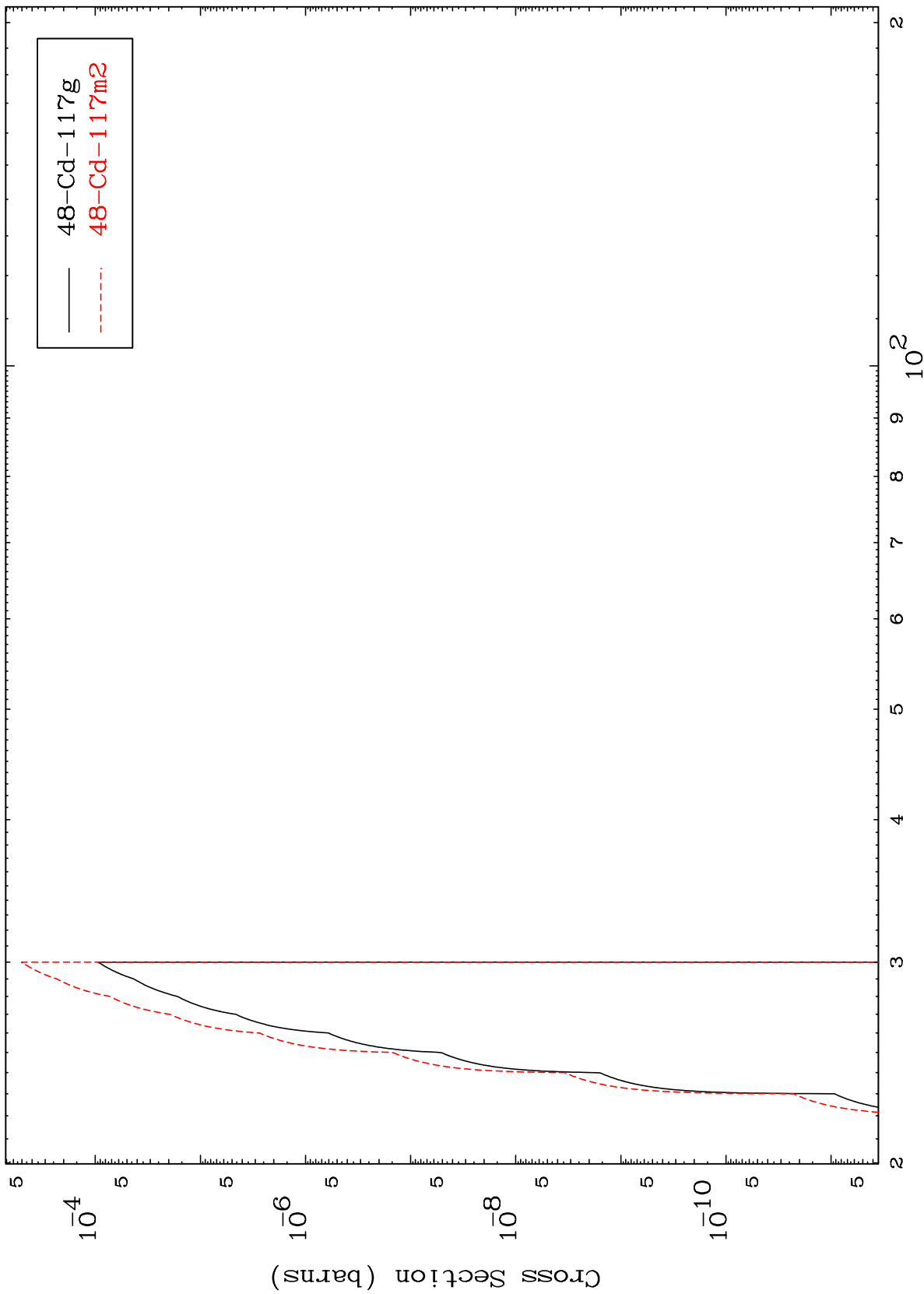
49-In-120

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(n,2n) d

49-In-120

Radionuclide Production Cross Section



20

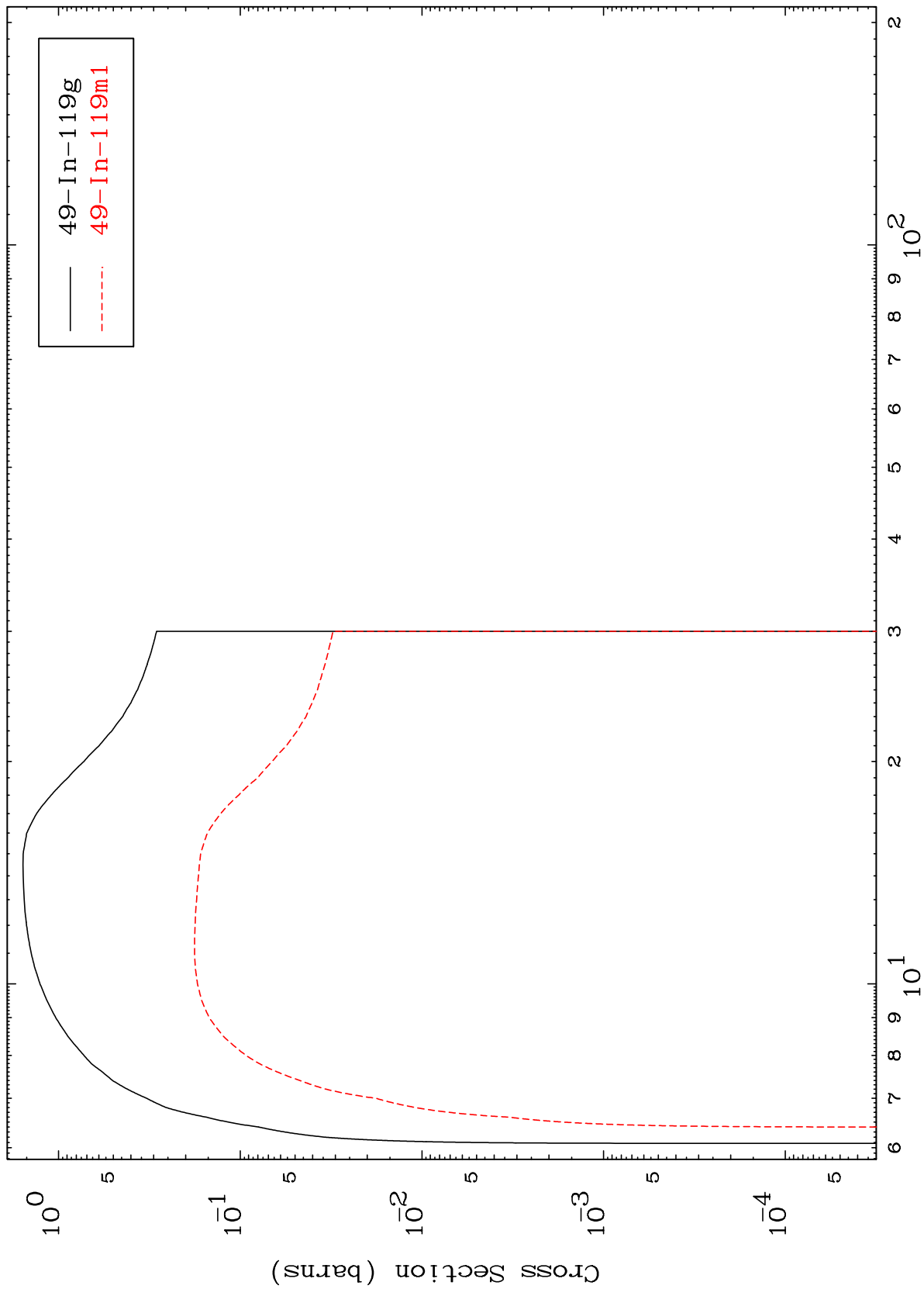
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

(n,2n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

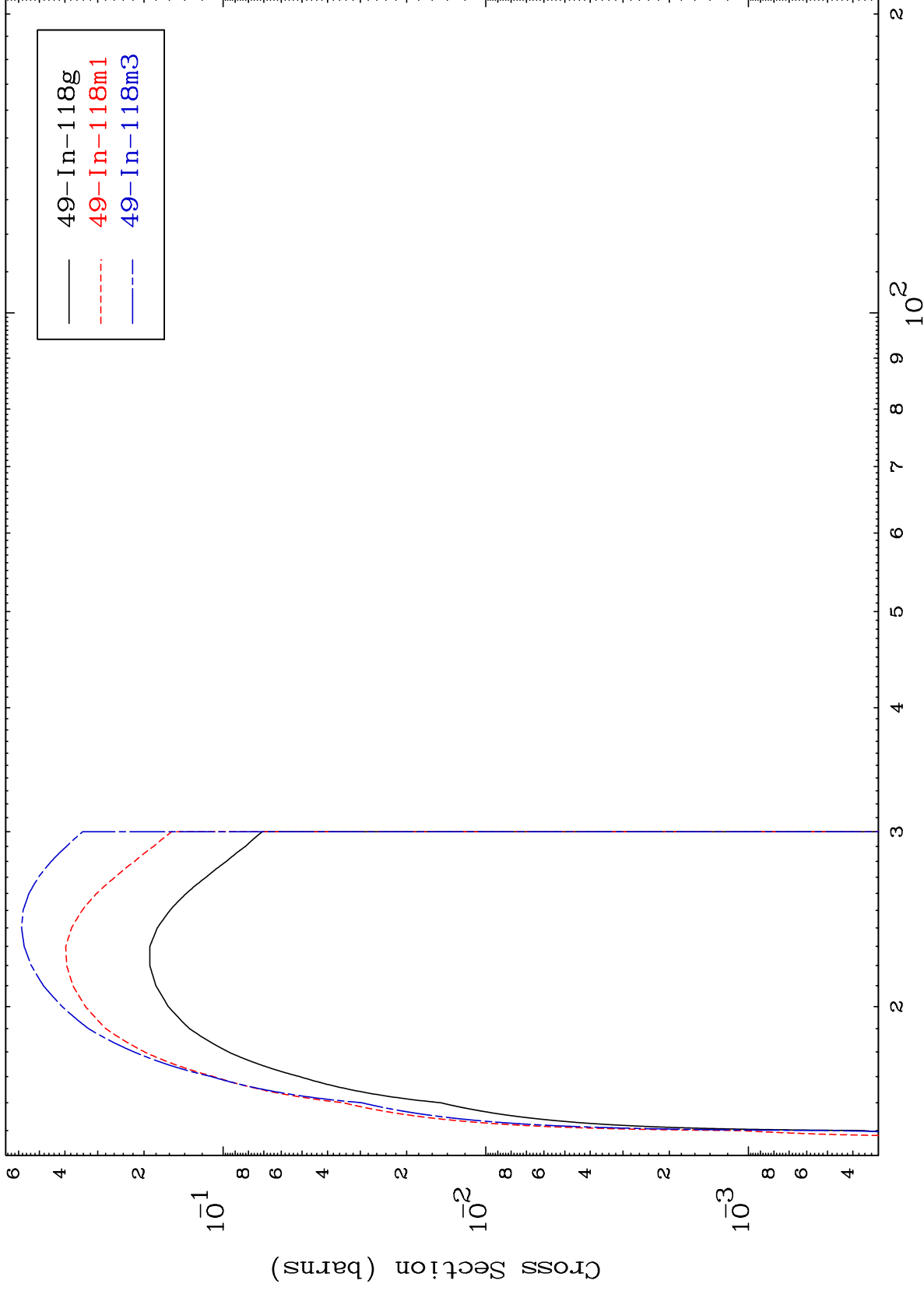
49-In-120

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(n,3n)

49-In-120

Radionuclide Production Cross Section



22

Incident Energy (MeV)

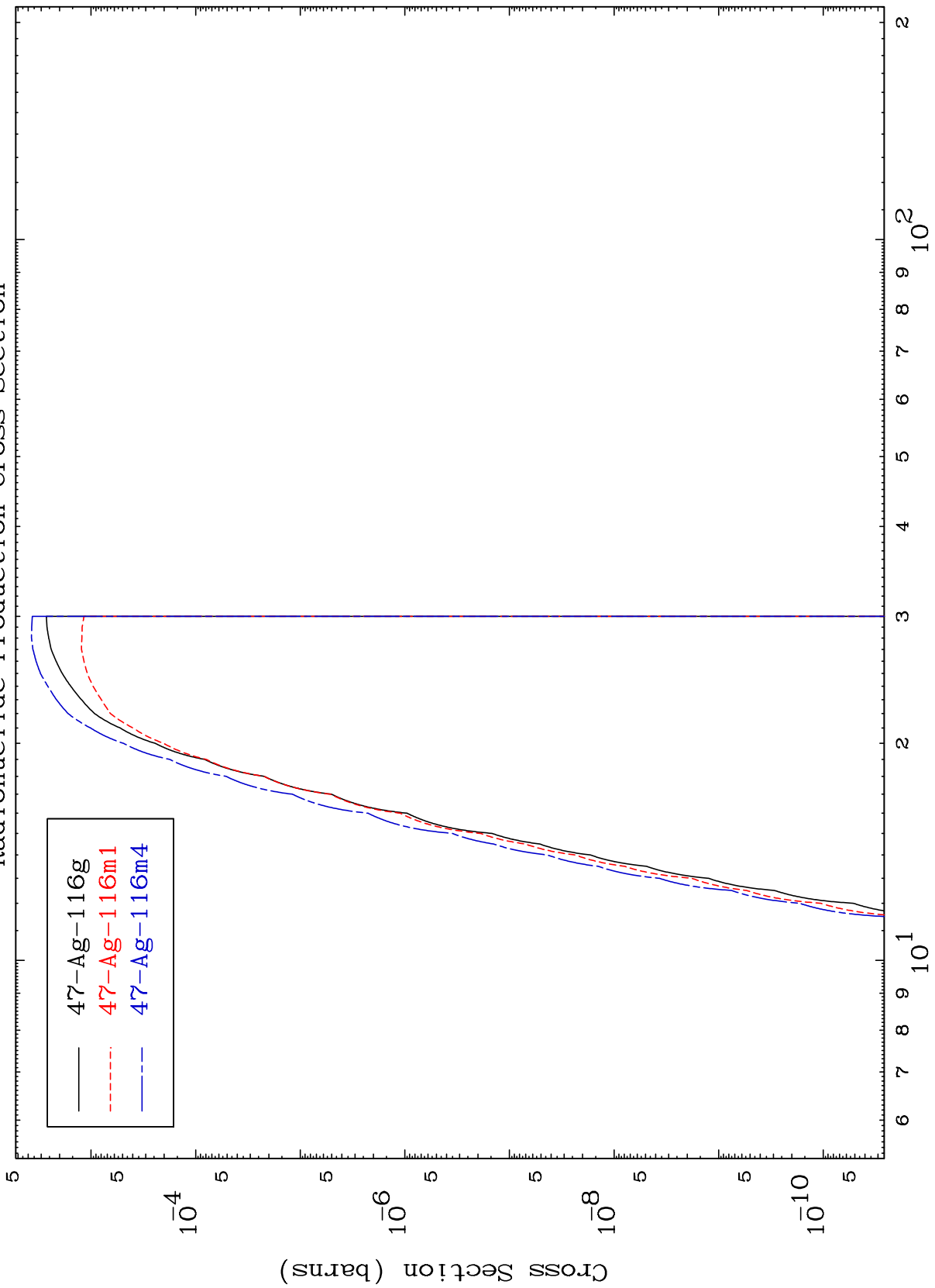
49-In-120

MAT 4947

49-In-120

(n,n')  $\alpha$

Radionuclide Production Cross Section



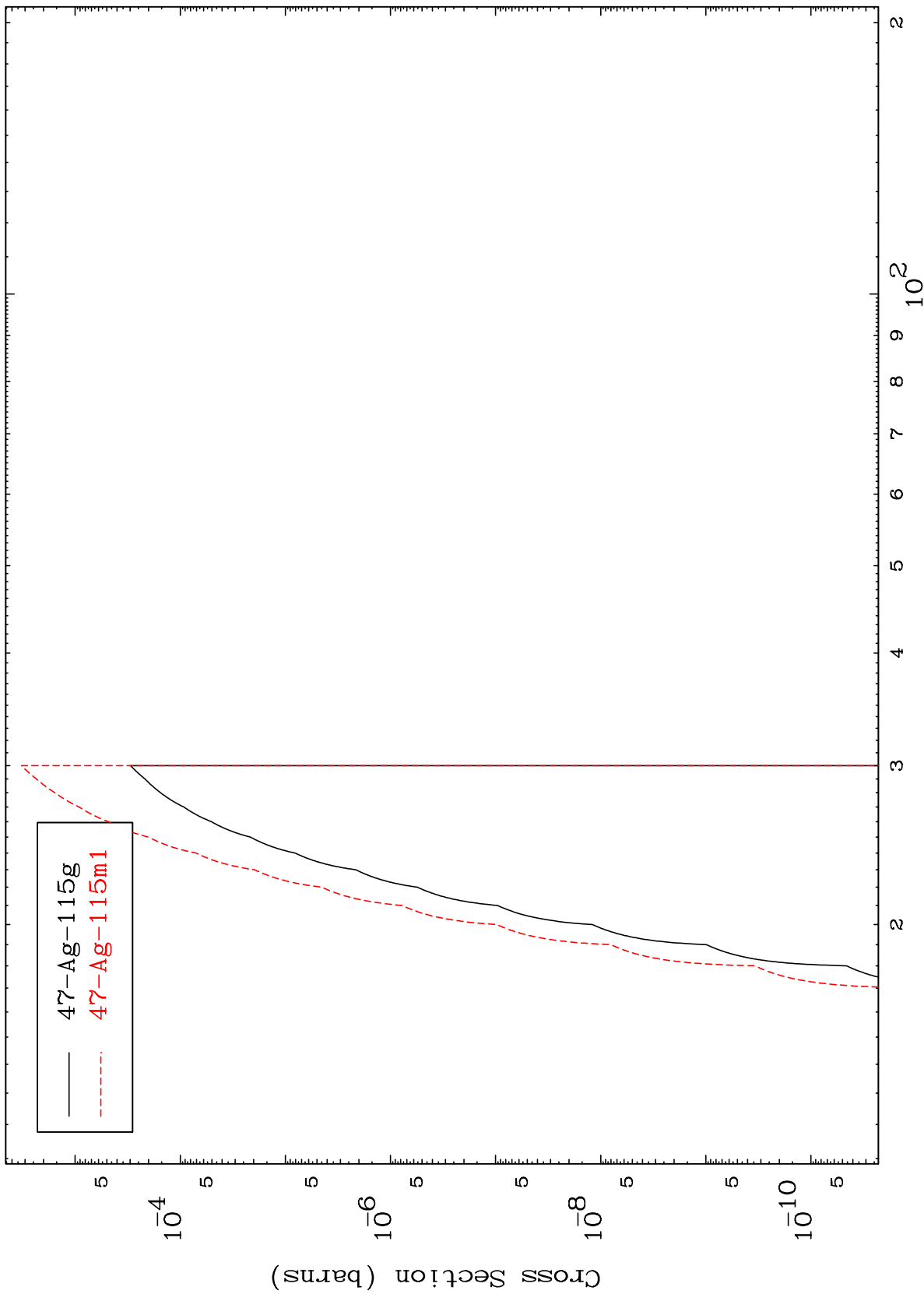


MAT 4947

(n,2n)  $\alpha$

49-In-120

Radionuclide Production Cross Section



24

Incident Energy (MeV)

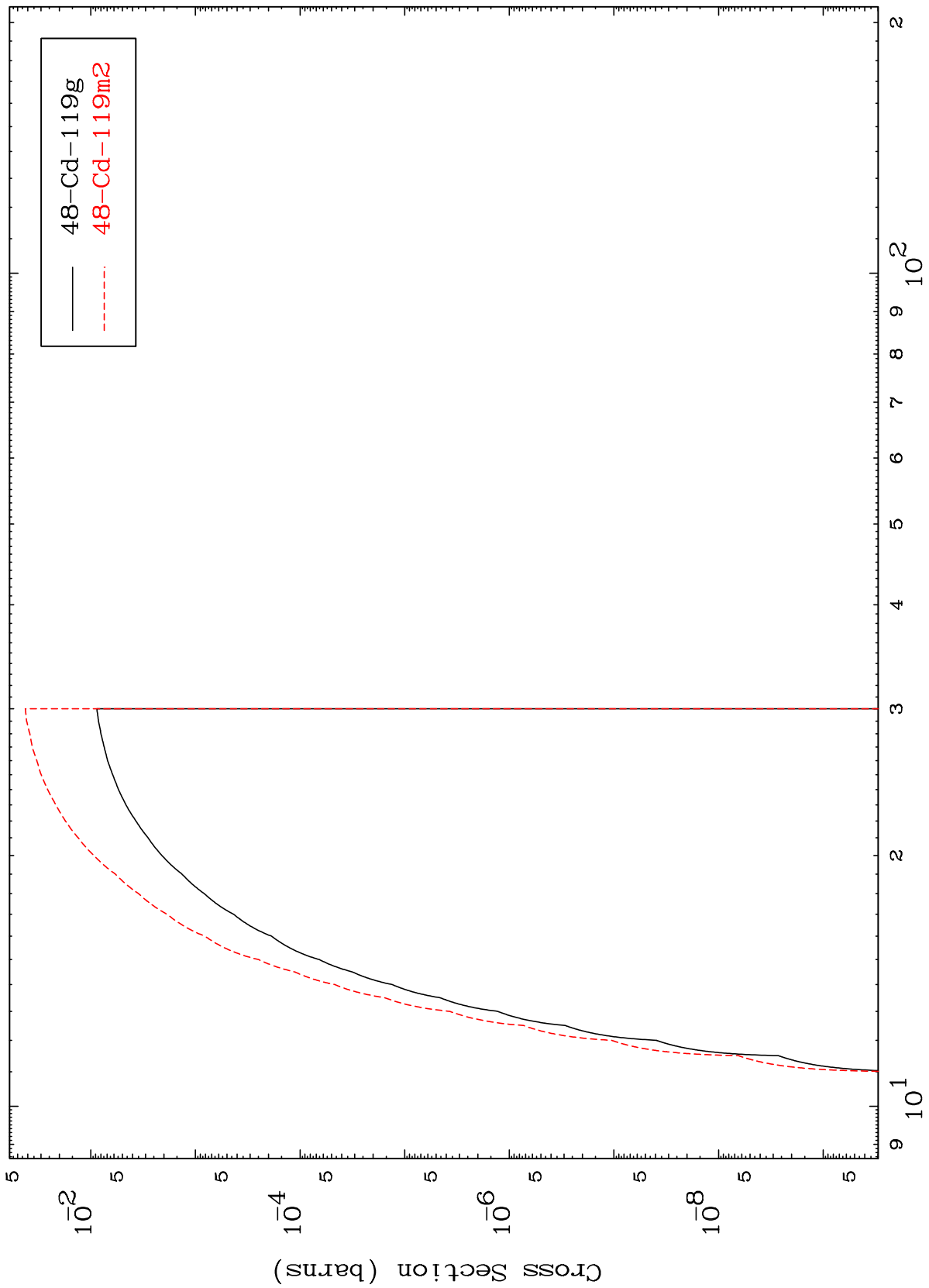
49-In-120

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(n,n') p

49-In-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

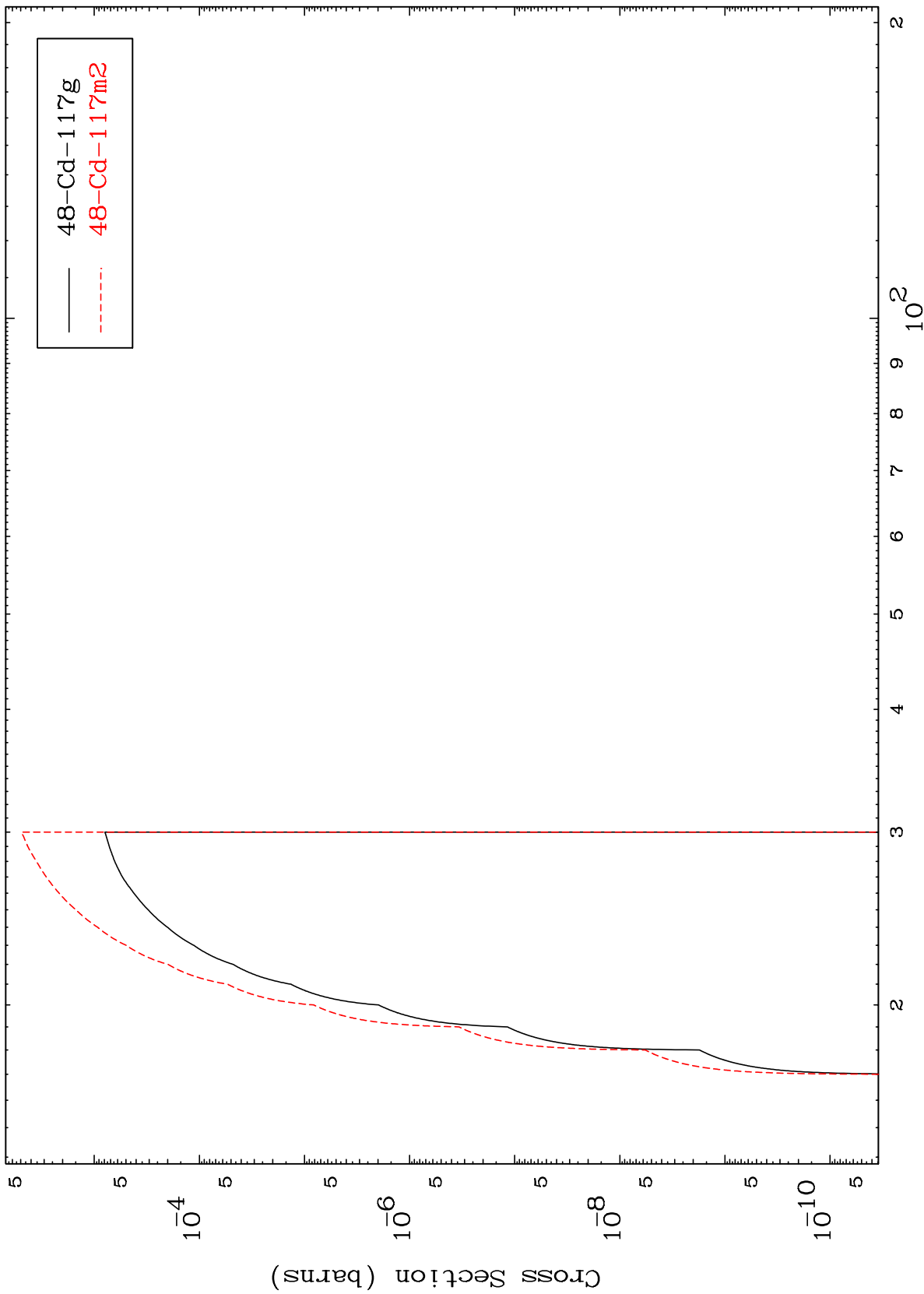
49-In-120

MAT 4947

(n,n') t

49-In-120

Radionuclide Production Cross Section



26

Incident Energy (MeV)

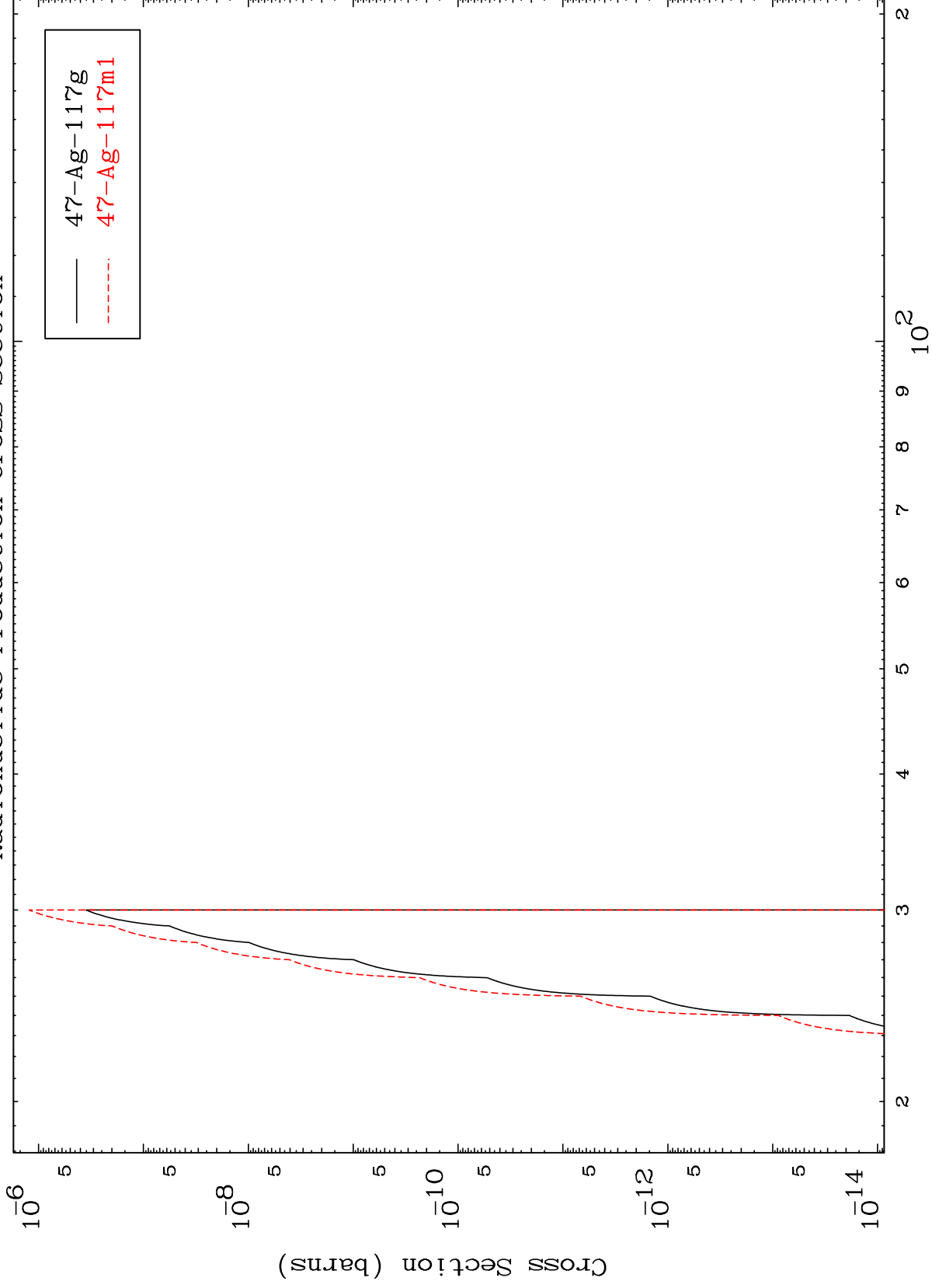
49-In-120

MAT 4947

(n,n') He-3

49-In-120

Radionuclide Production Cross Section

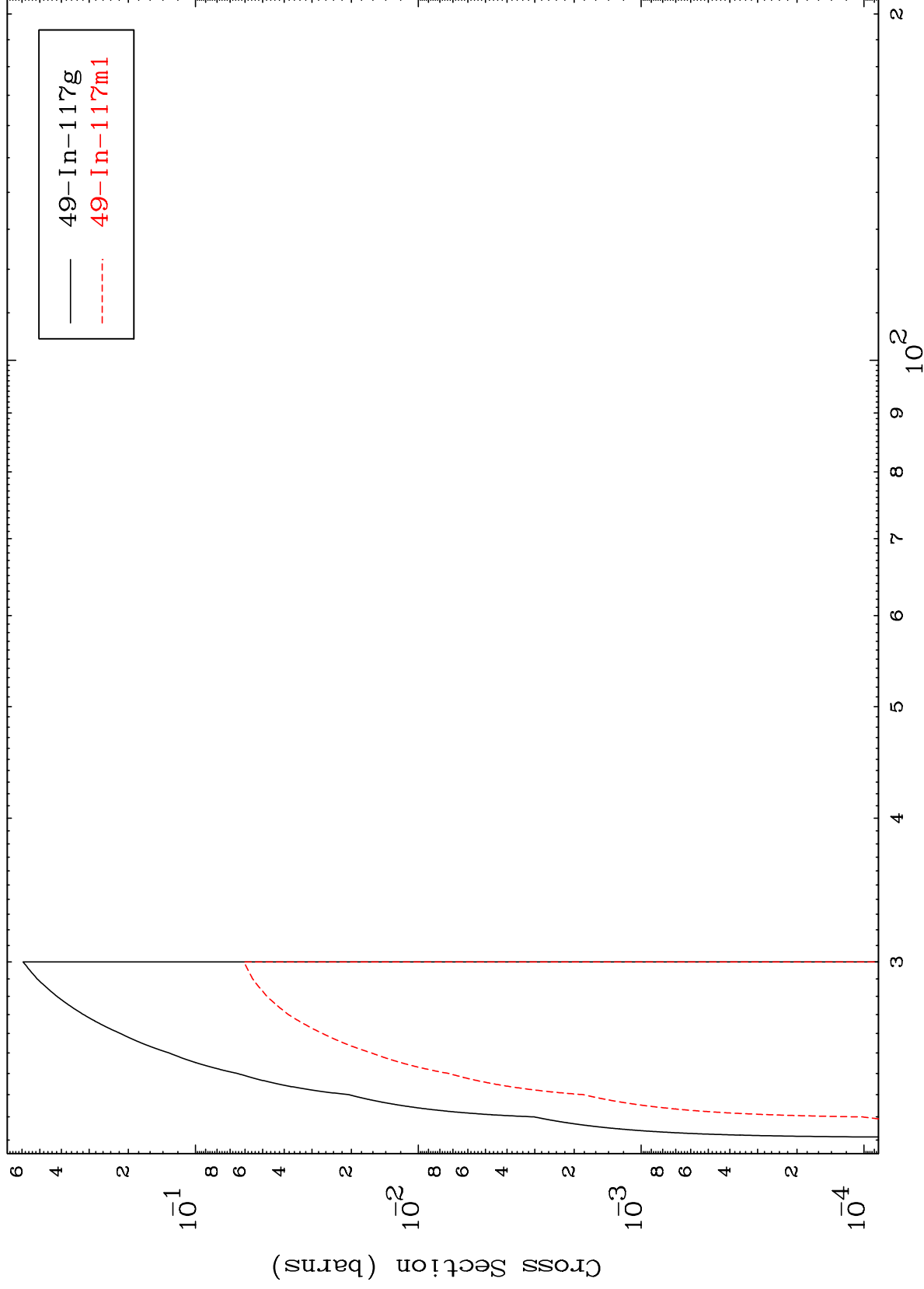


27

Incident Energy (MeV)

49-In-120

Radionuclide Production Cross Section

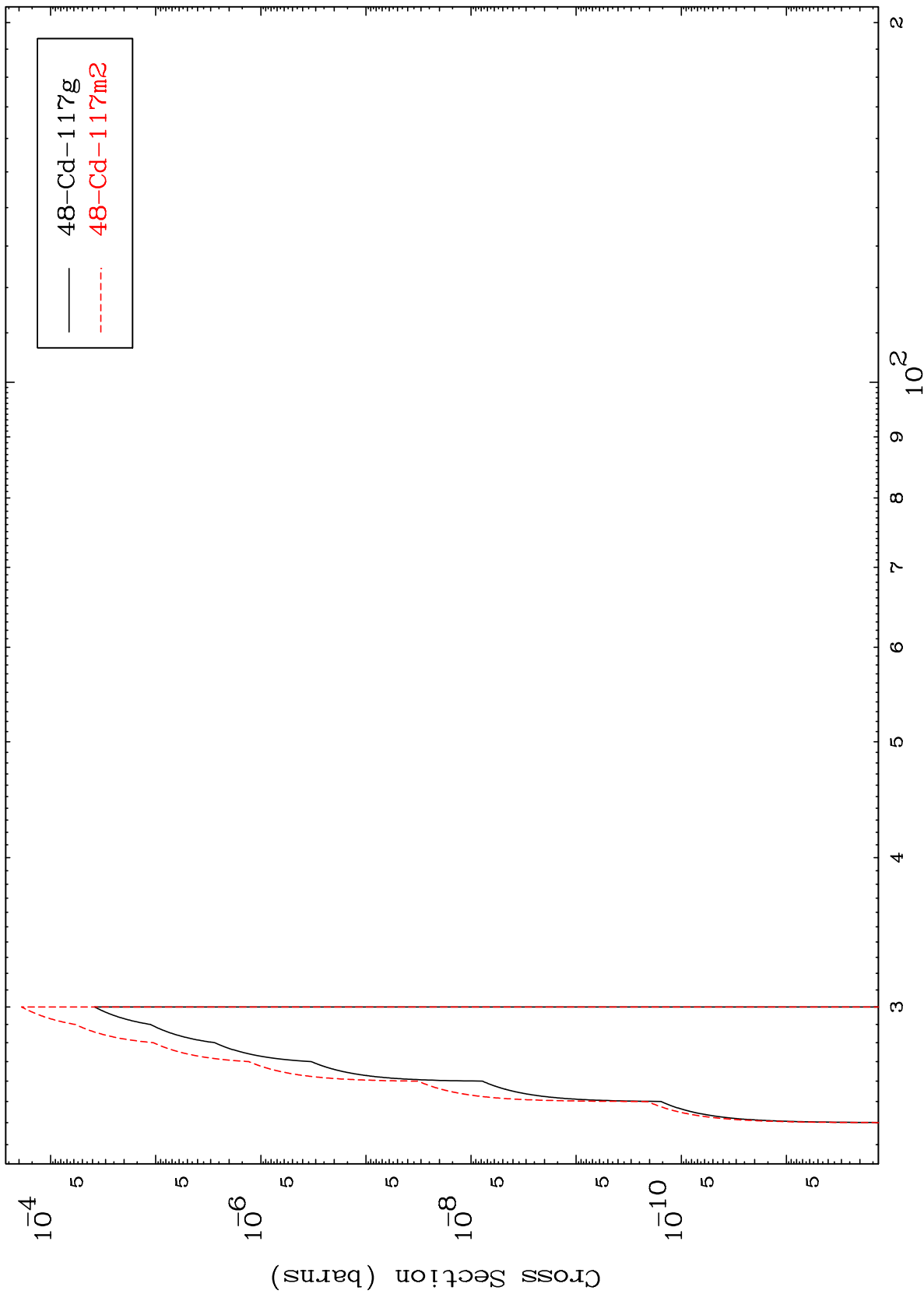


MAT 4947

(n,3n) p

49-In-120

Radionuclide Production Cross Section



29

Incident Energy (MeV)

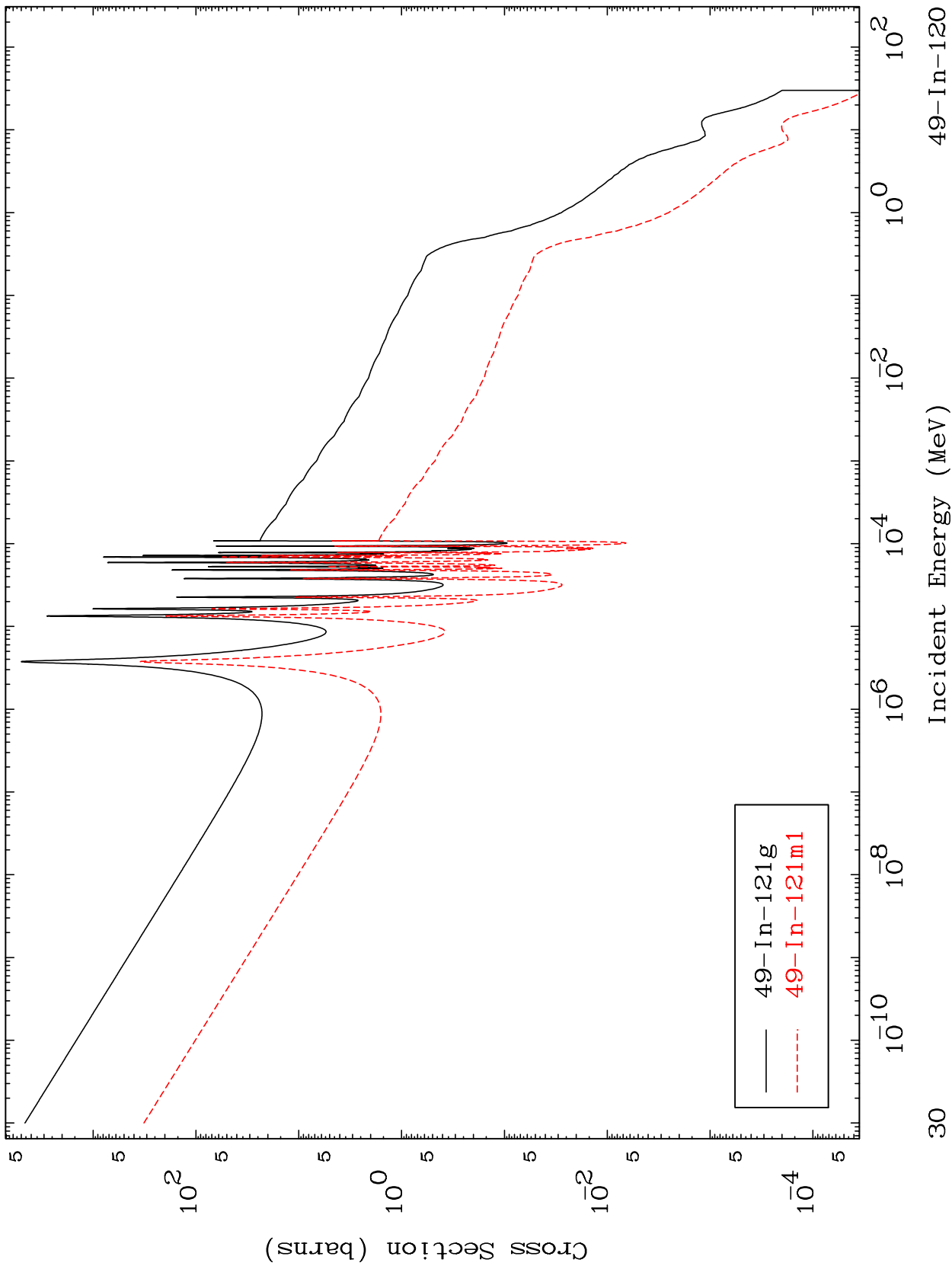
49-In-120

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49-In-120

Radionuclide Production Cross Section

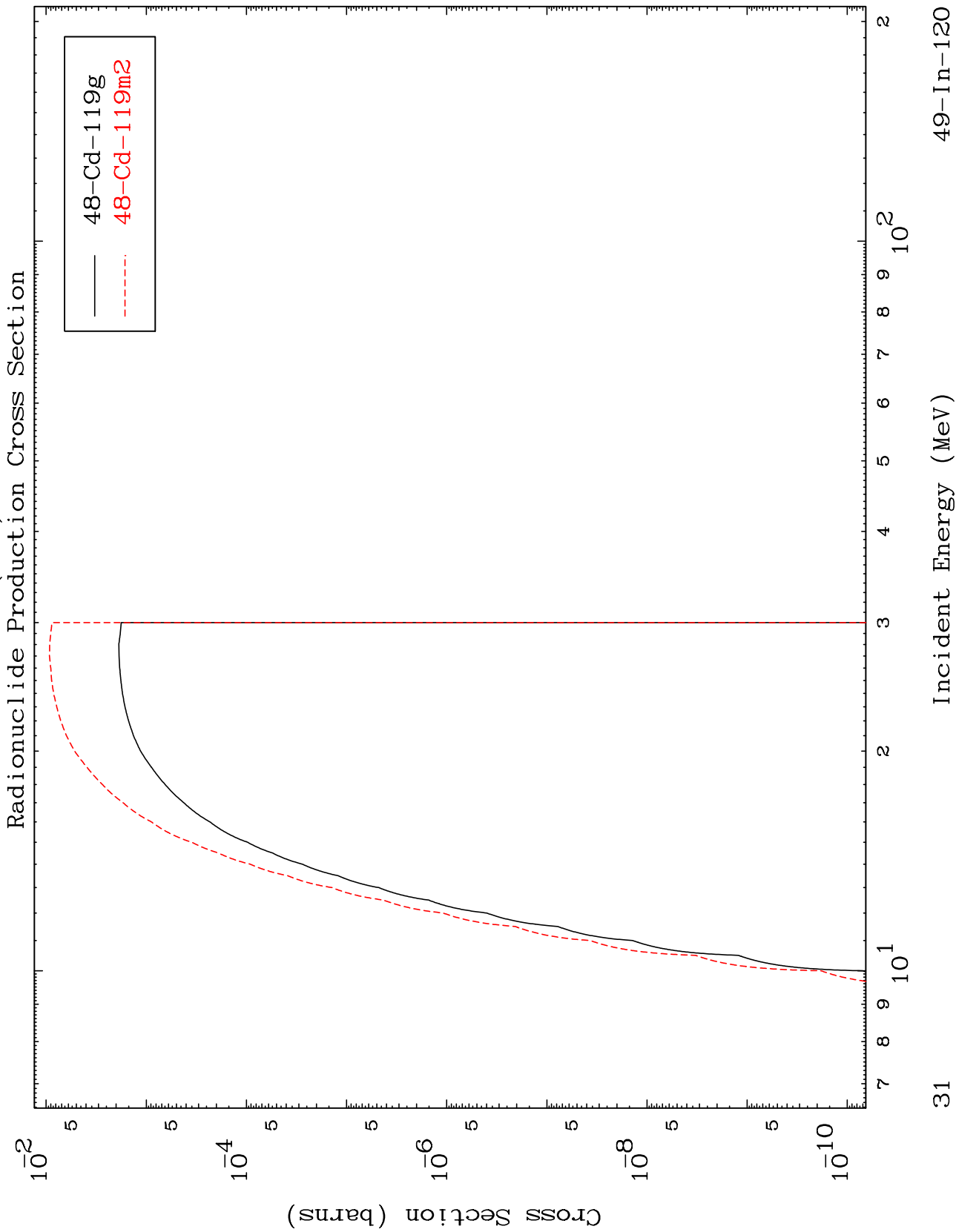
(n,  $\gamma$ )



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(n,d)

49-In-120

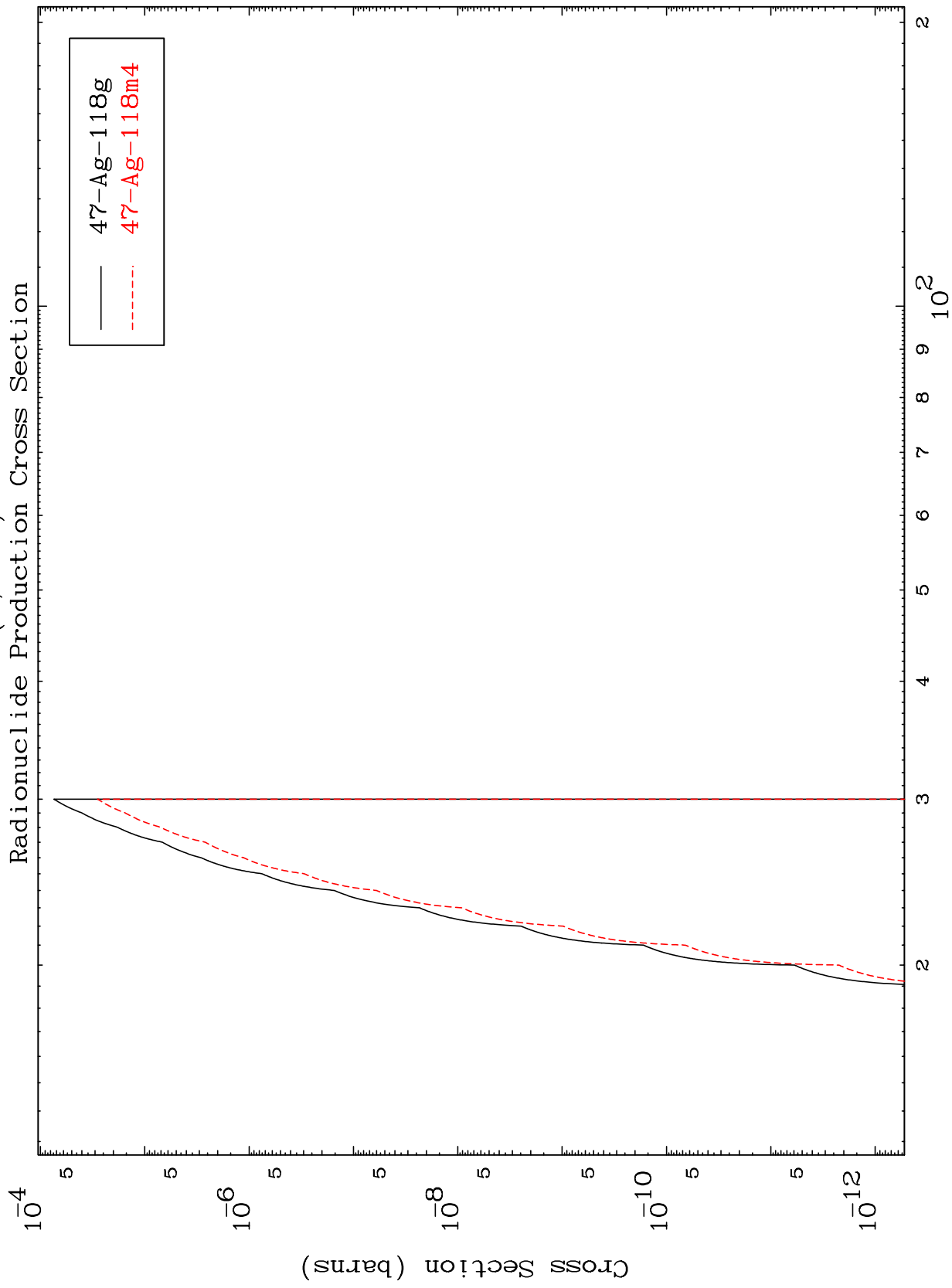




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49-In-120

(n,He-3)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

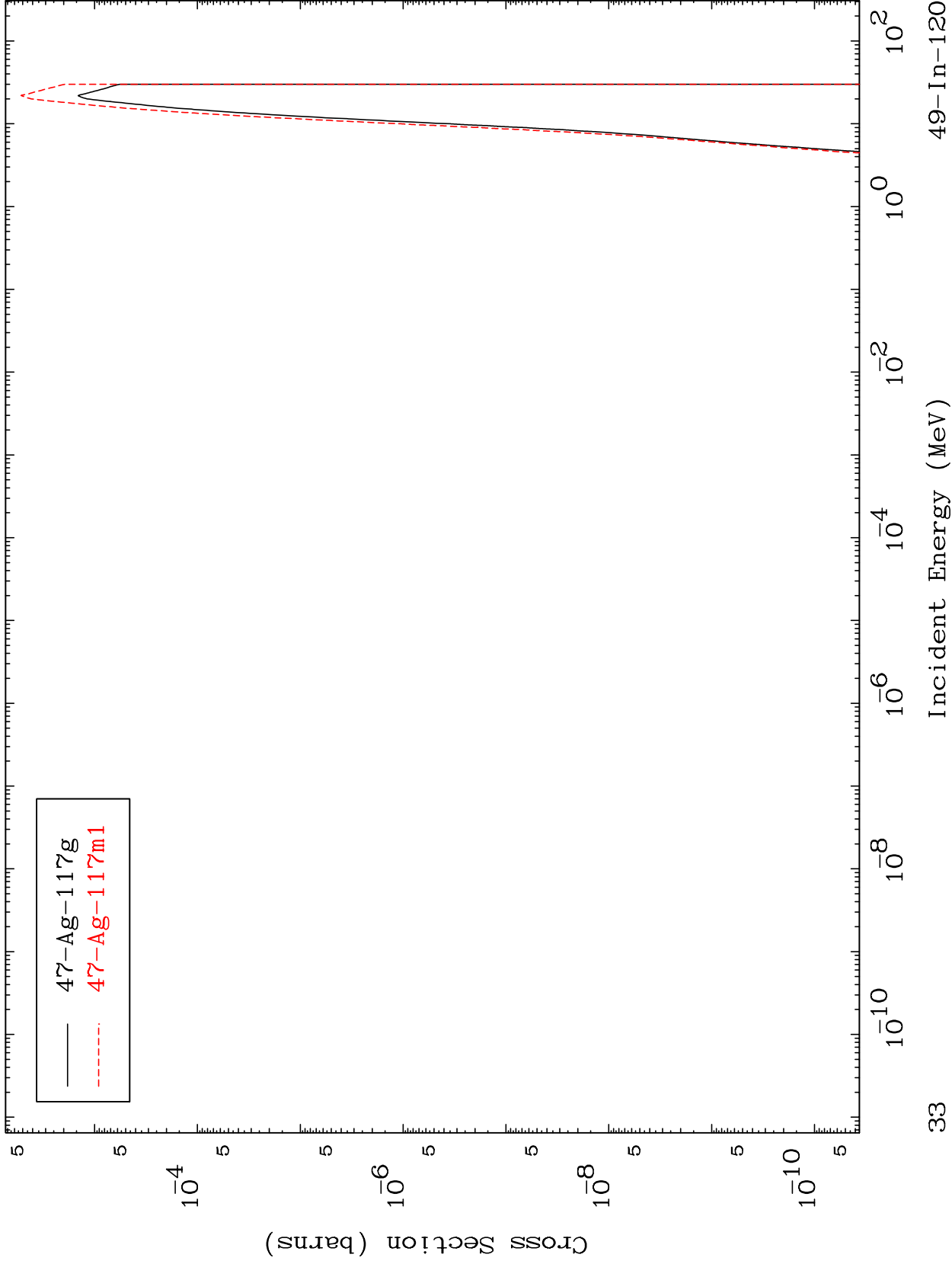
49-In-120

MAT 4947

(n,  $\alpha$ )

49-In-120

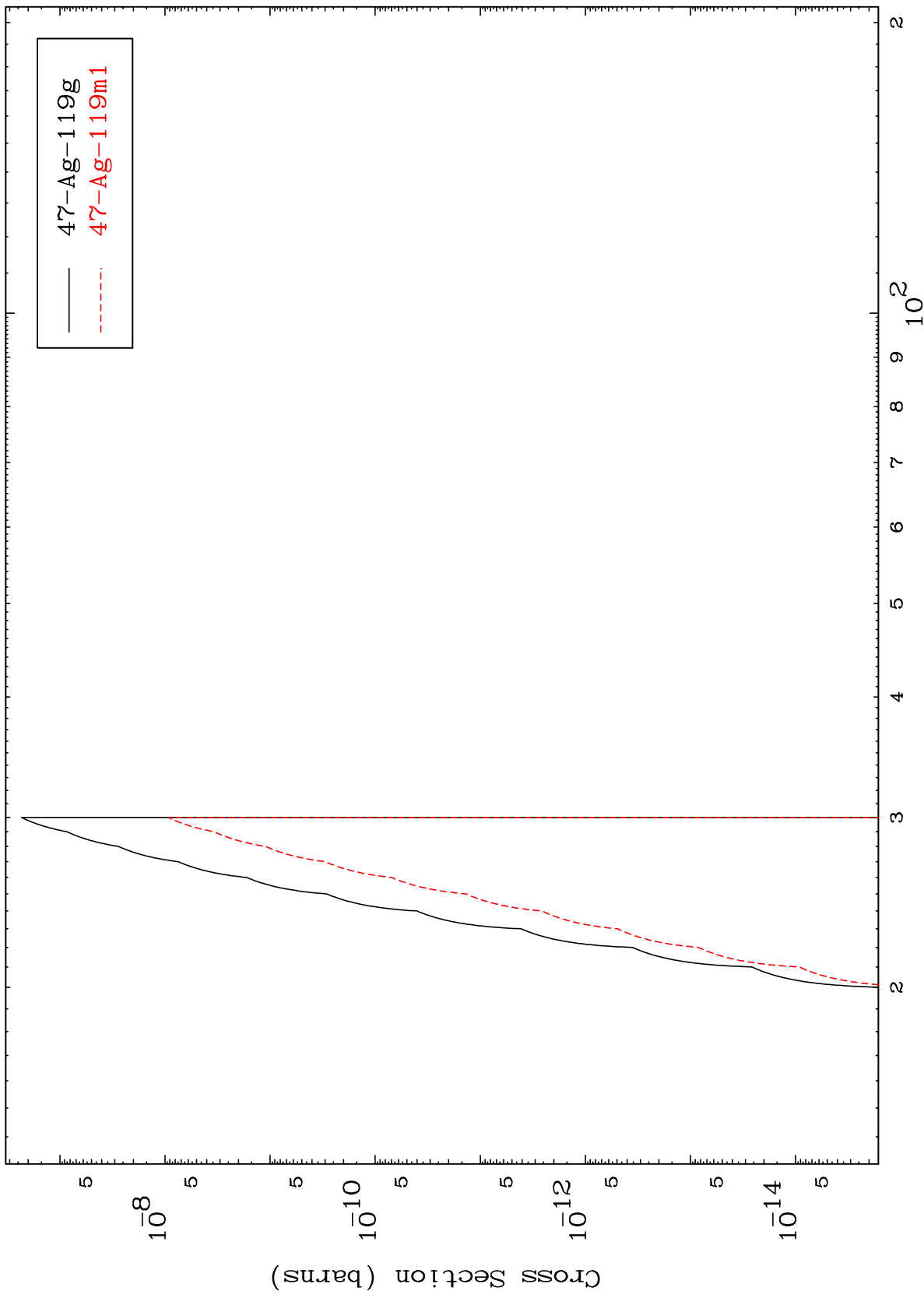
Radionuclide Production Cross Section



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49-In-120

(n,2p)  
Radionuclide Production Cross Section



34

49-In-120

Incident Energy (MeV)