

Program EVALPLOT  
(Version 2015-2)

by

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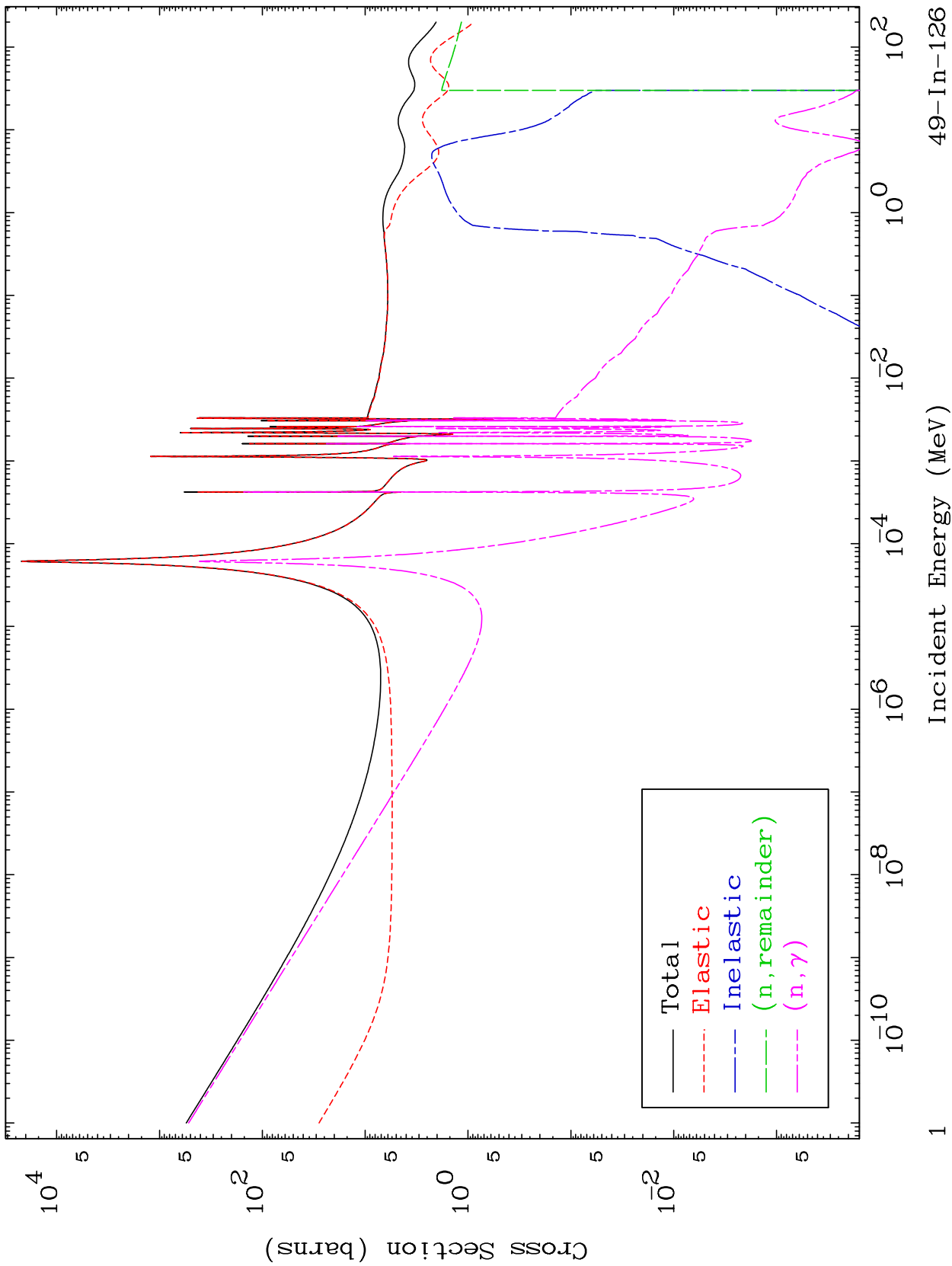
Press Mouse Button to Start

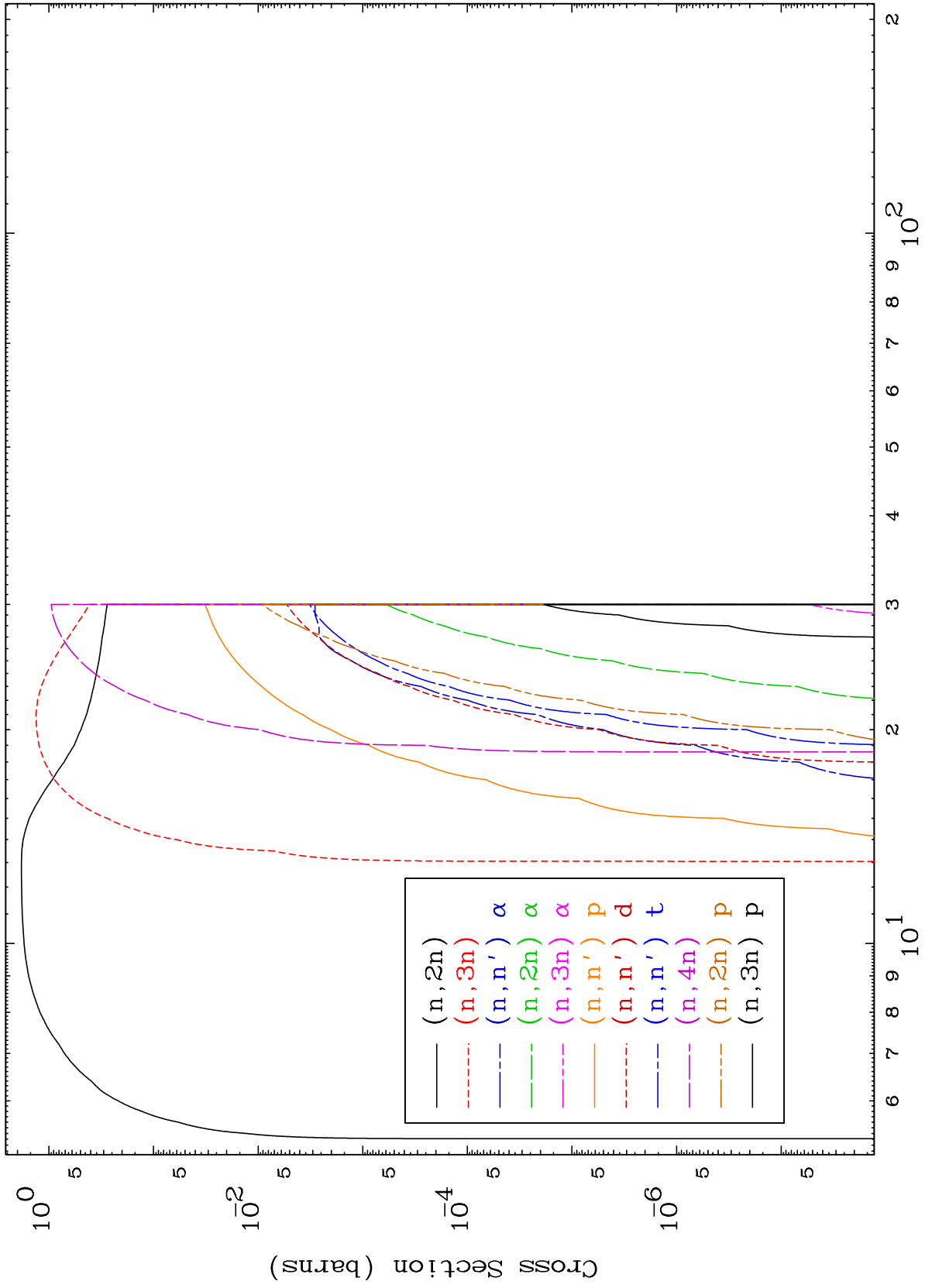
MAT 4965

Major

293 Kelvin Cross Sections

49-In-126

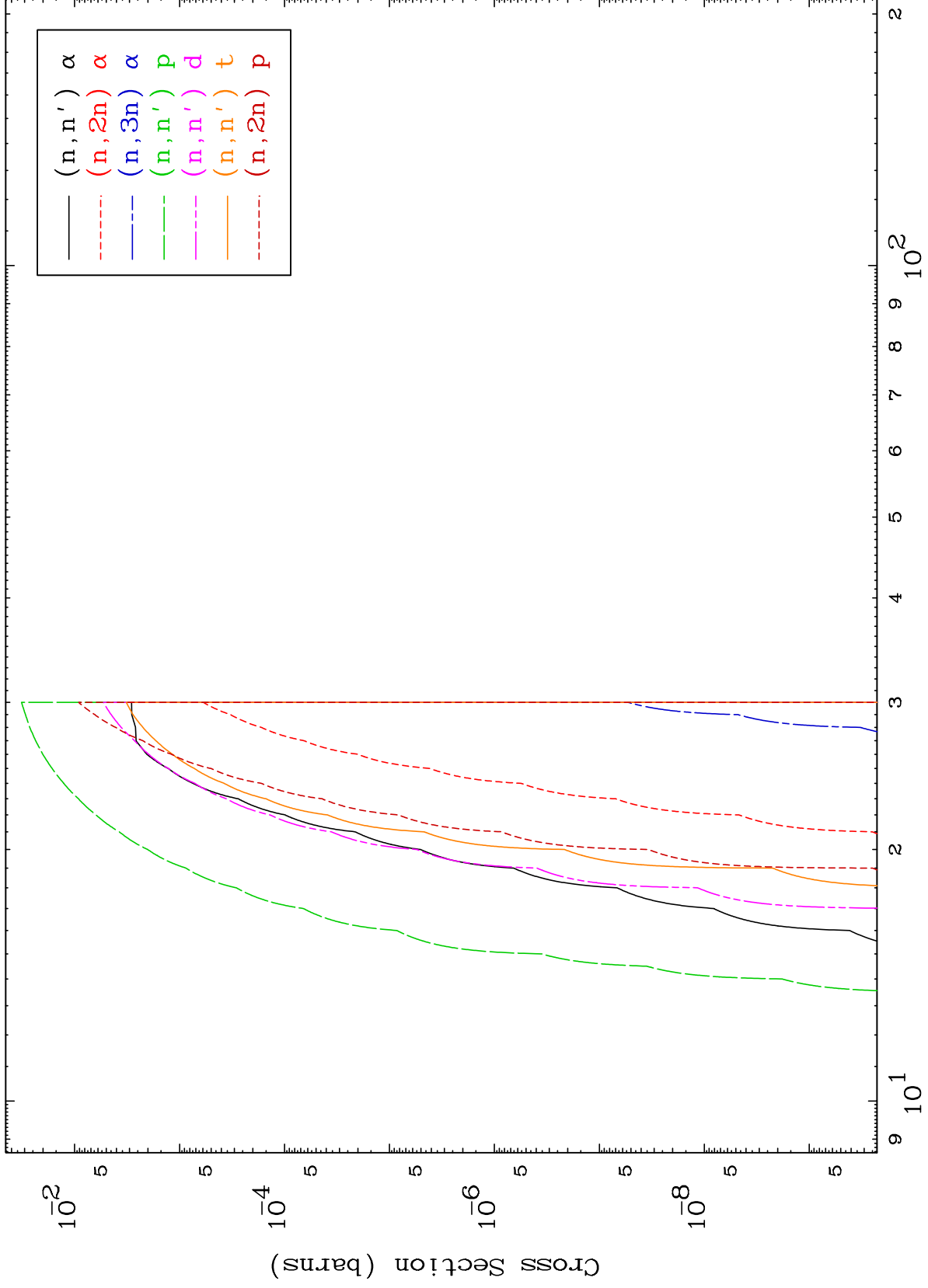




MAT 4965

Charged Particle  
293 Kelvin Cross Sections

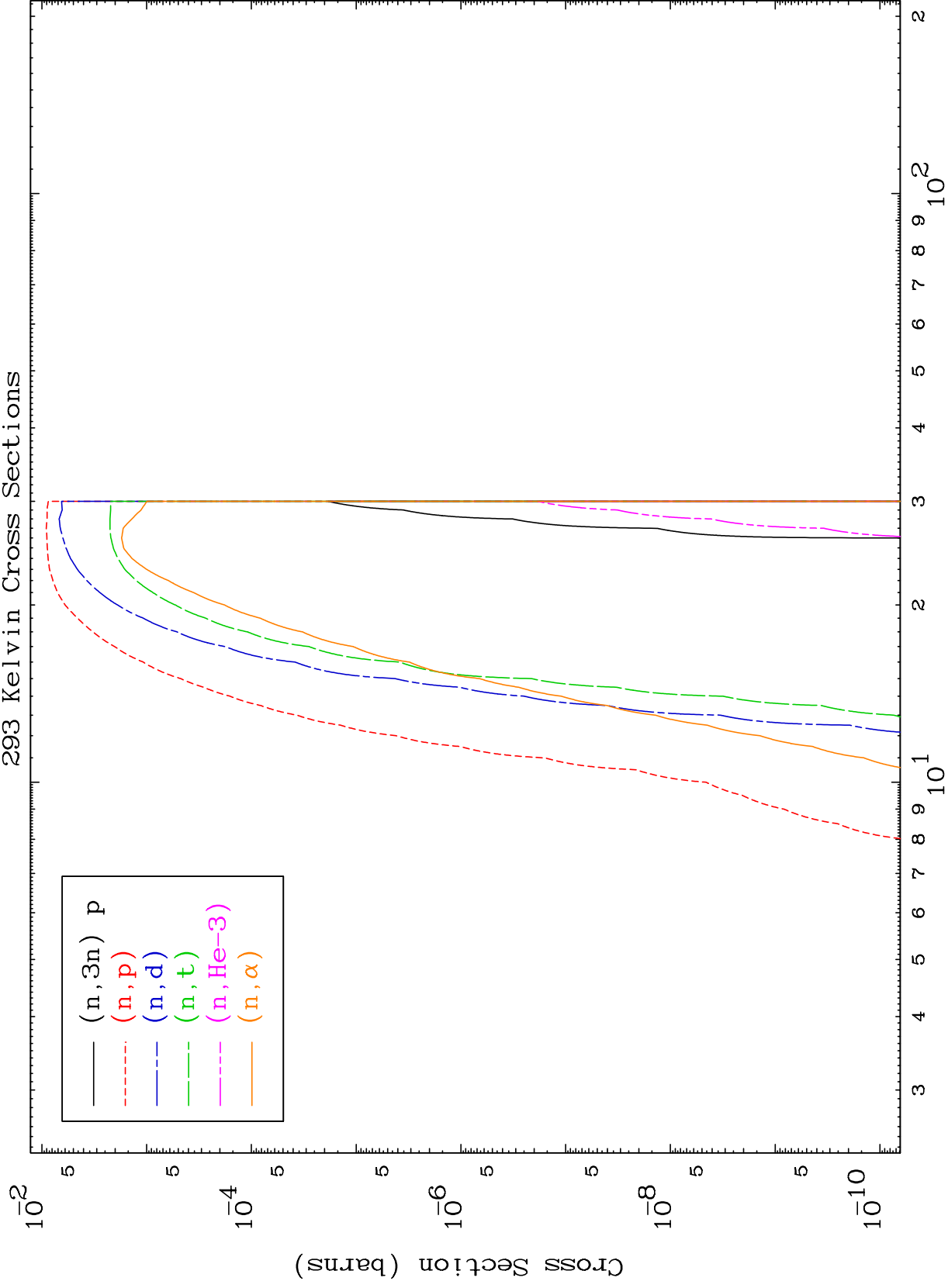
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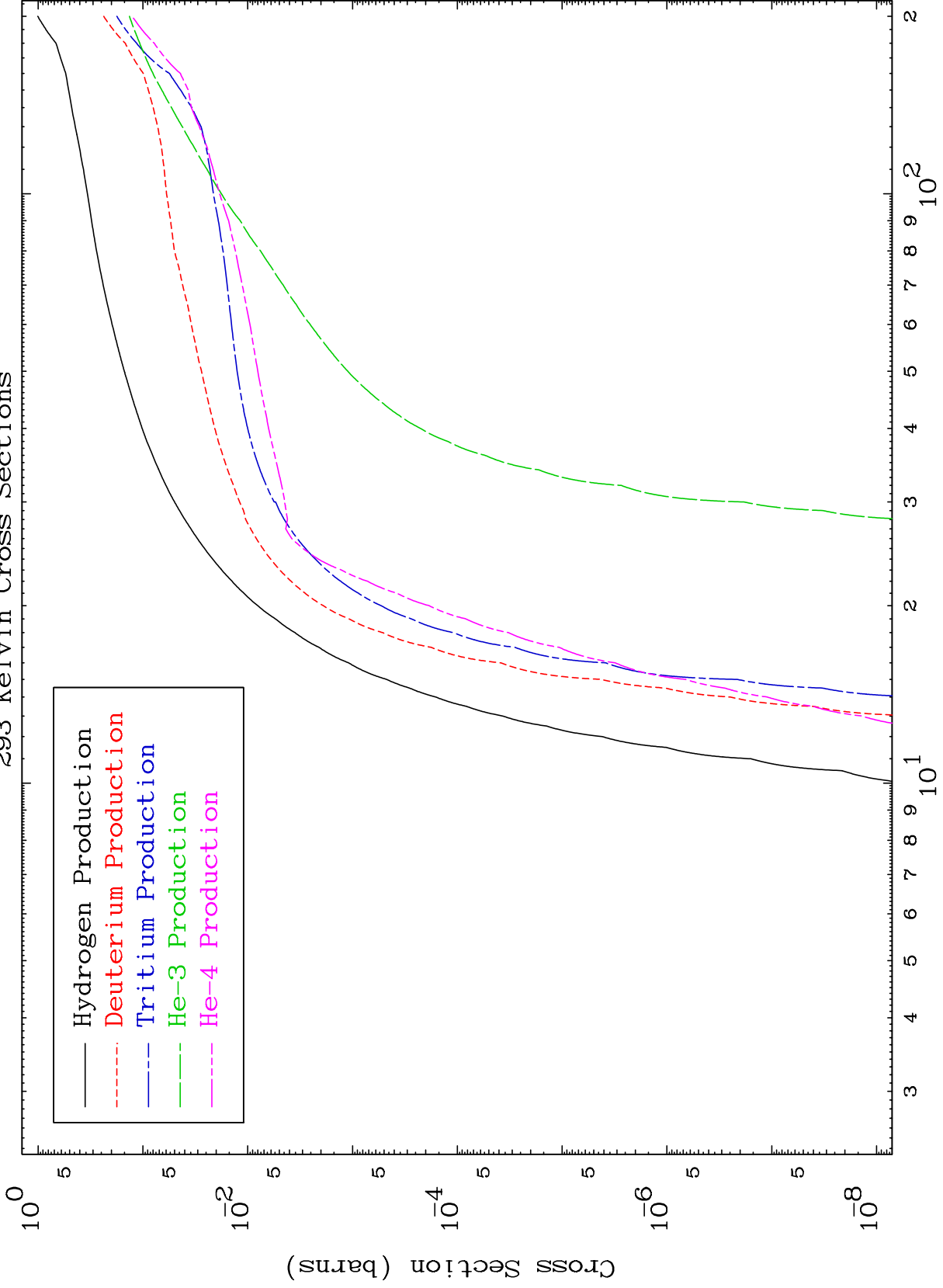


49-In-126

Incident Energy (MeV)

3

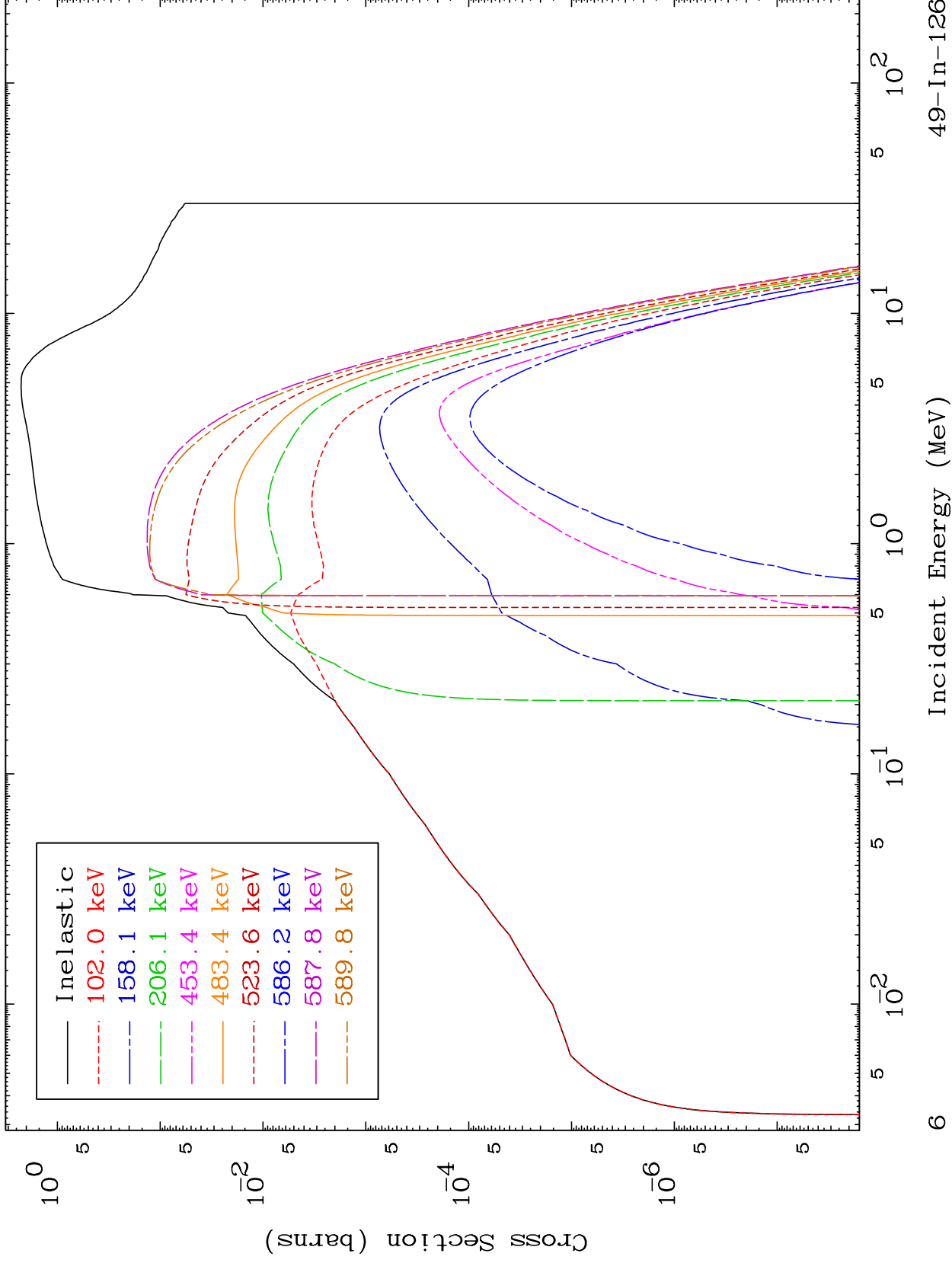




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(n,n') Level  
293 Kelvin Cross Sections

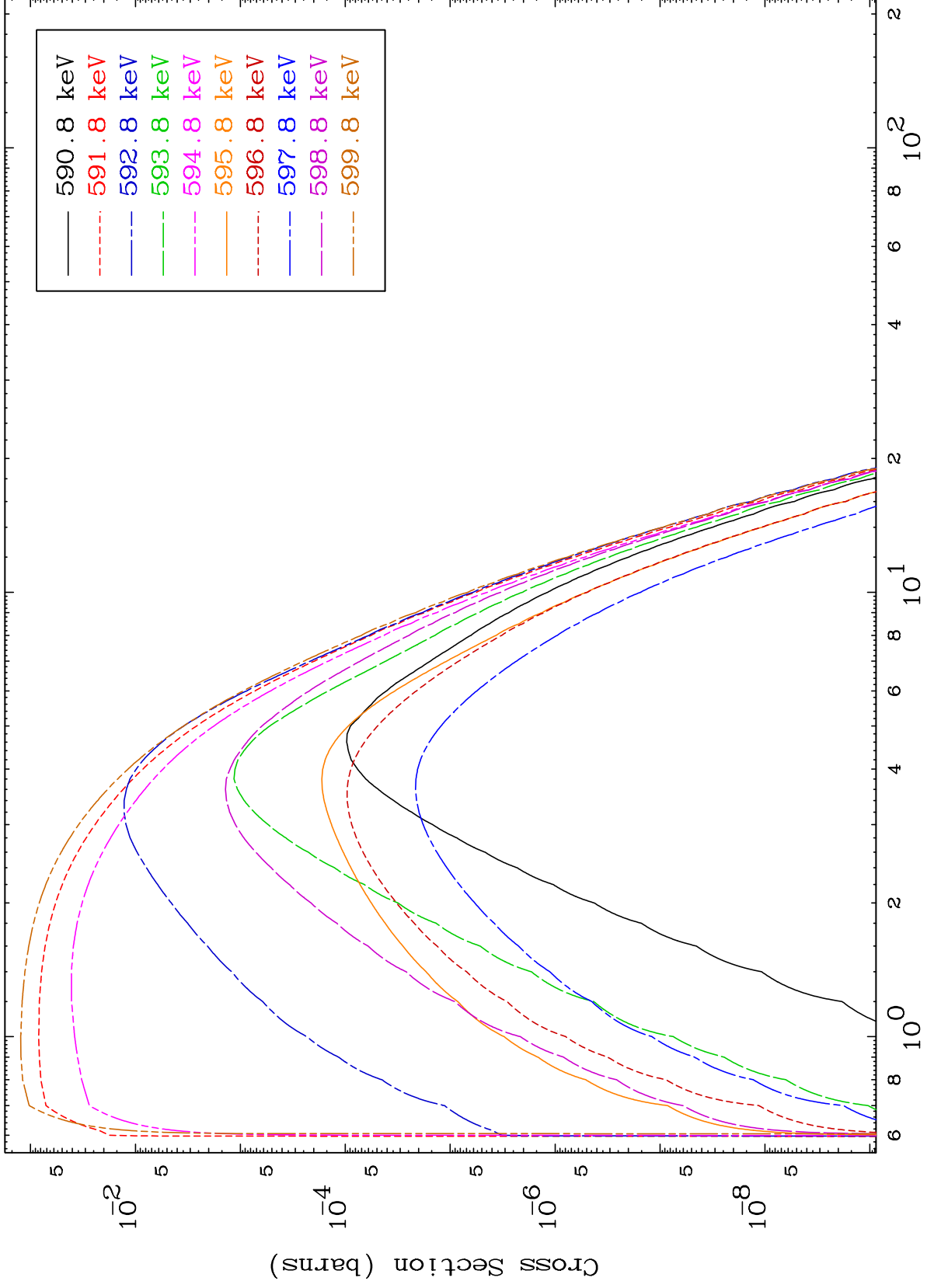
49-In-126



MAT 4965

(n,n') Level  
293 Kelvin Cross Sections

49-In-126



7

Incident Energy (MeV)

49-In-126

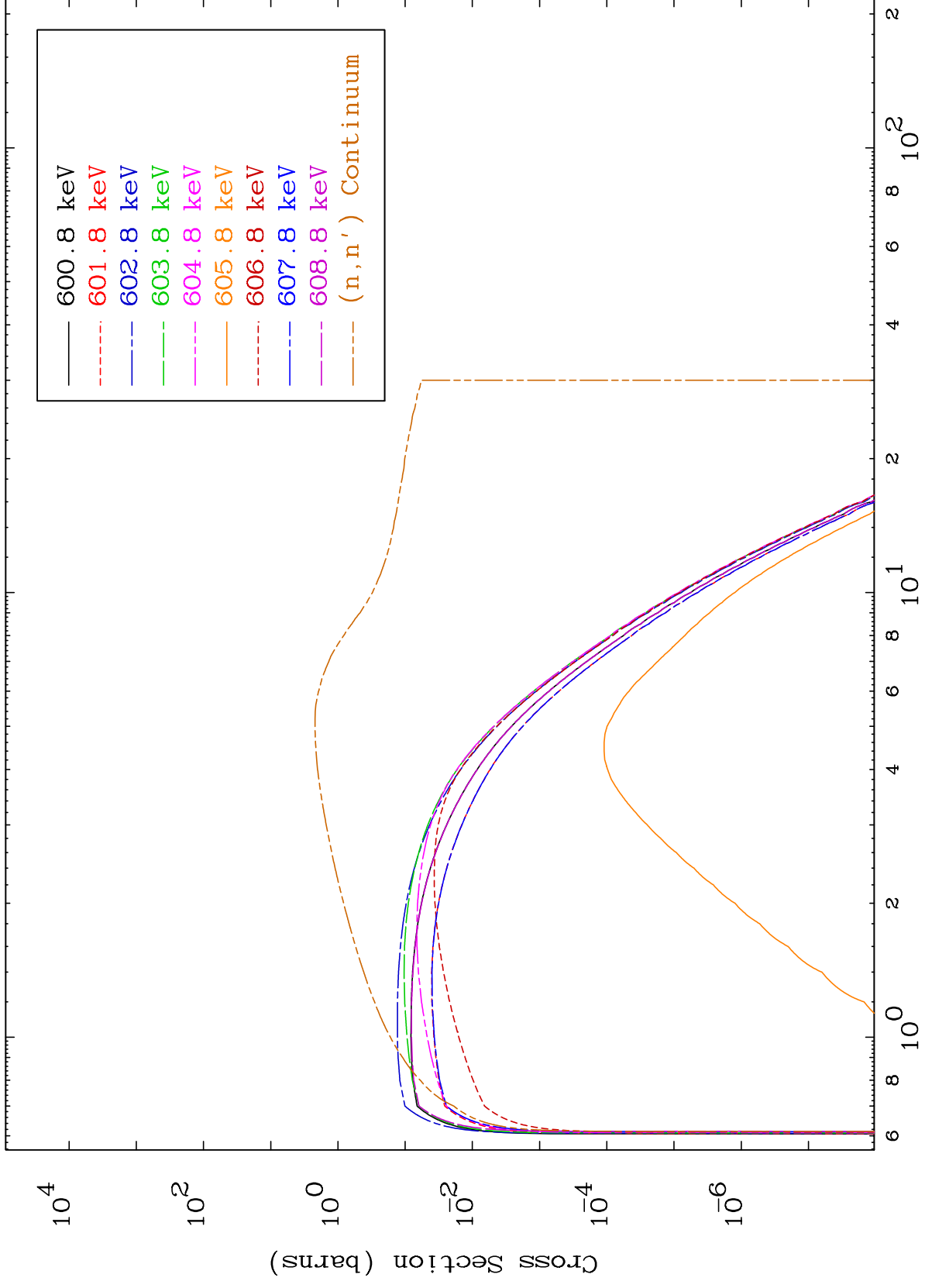


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(n,n') Level

49-In-126

293 Kelvin Cross Sections



8

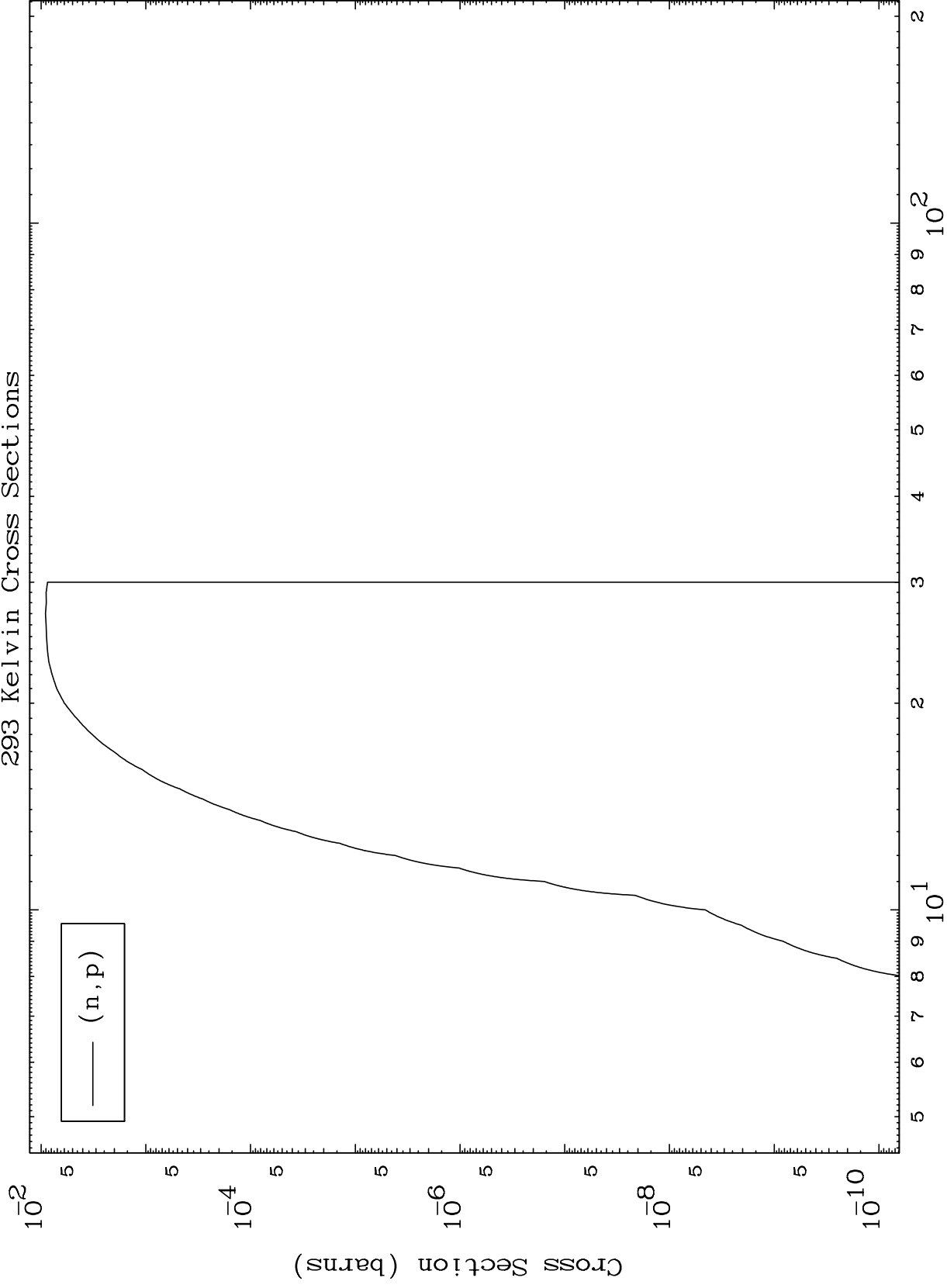
Incident Energy (MeV)

49-In-126

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(n,p) Levels  
293 Kelvin Cross Sections

49-In-126



9

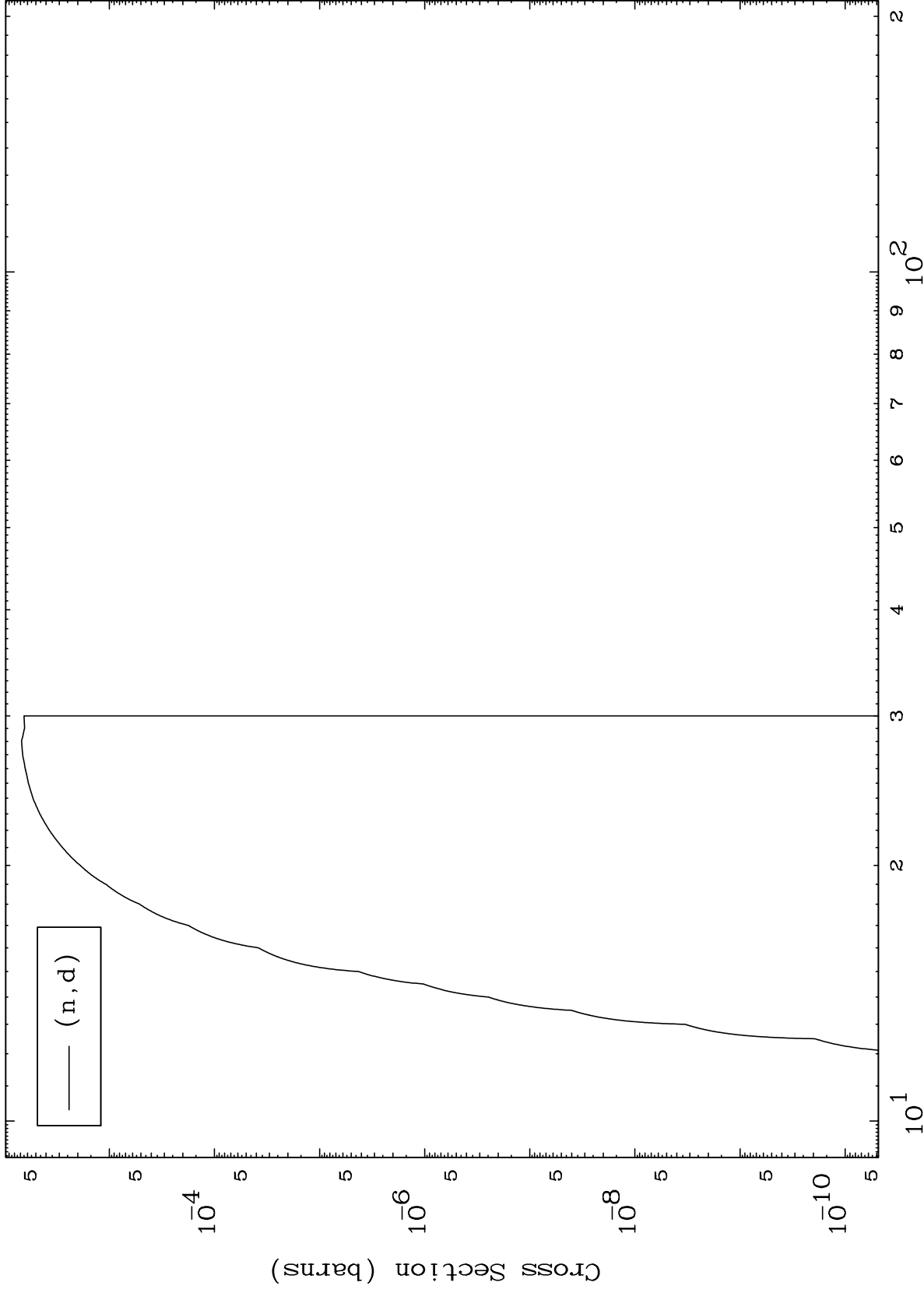
Incident Energy (MeV)

49-In-126

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(n,d) Levels  
293 Kelvin Cross Sections

49-In-126



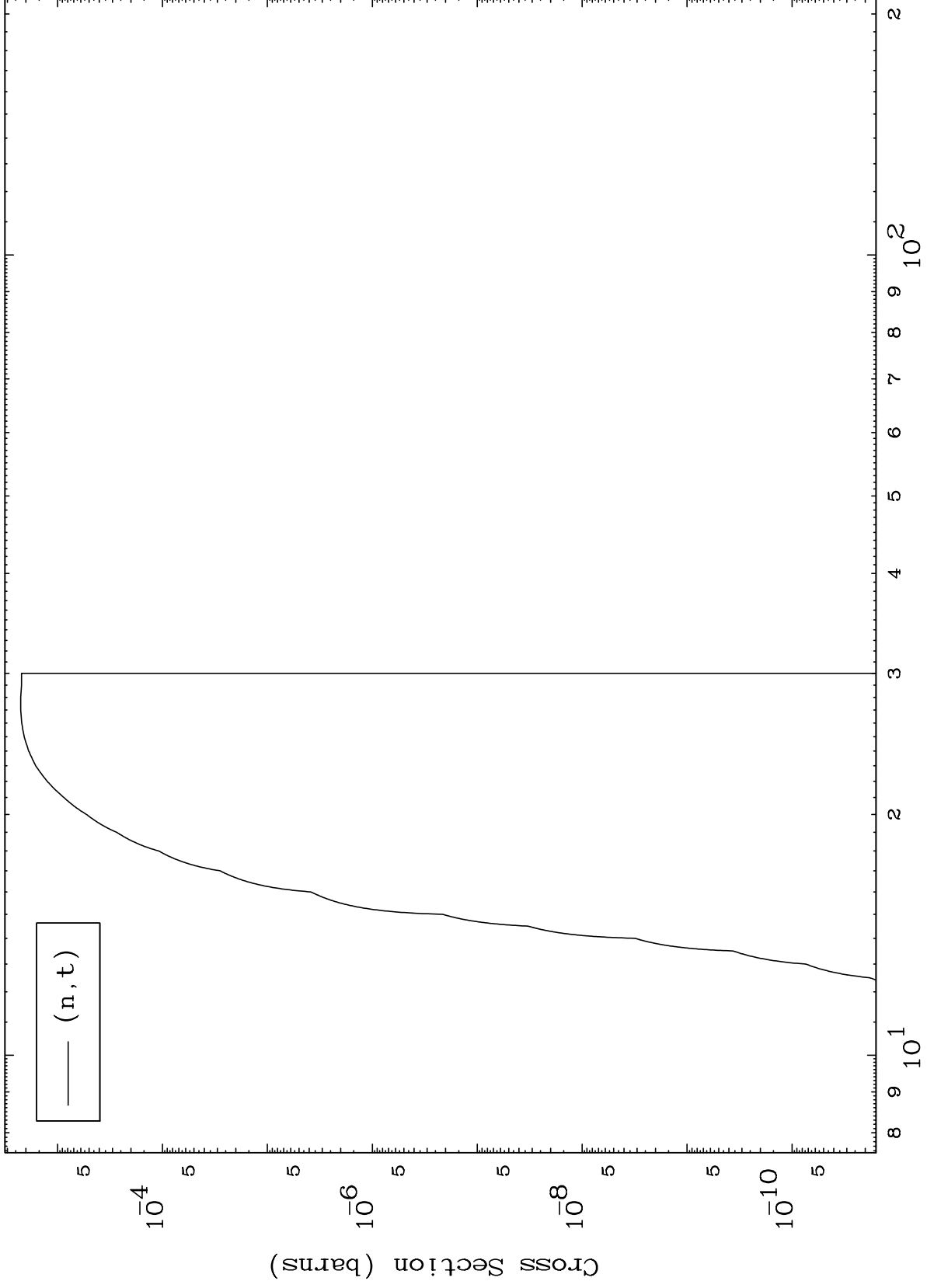
Incident Energy (MeV)

49-In-126

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(n,t) Levels  
293 Kelvin Cross Sections

49-In-126



11

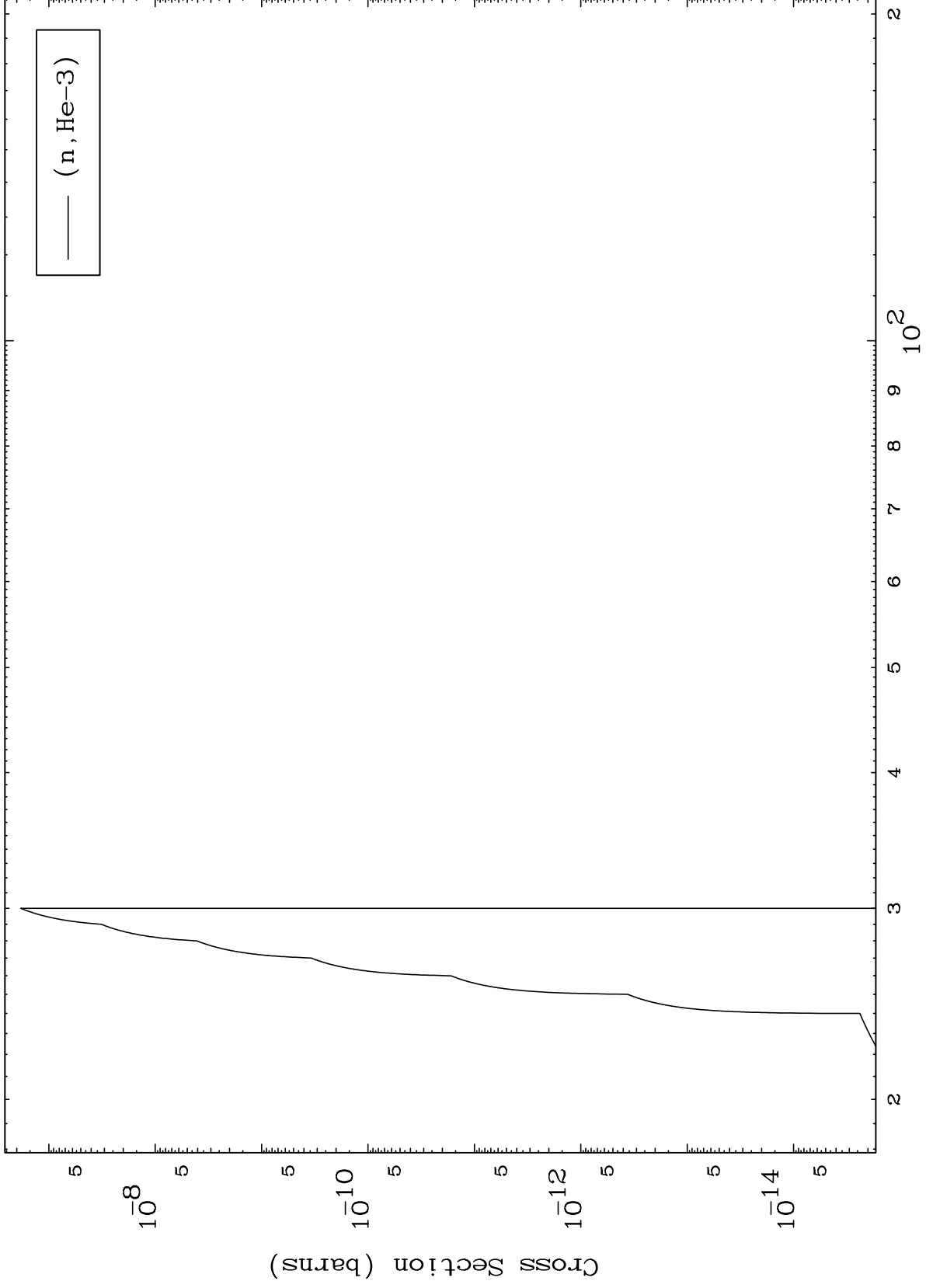
Incident Energy (MeV)

49-In-126

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(n,He3) Levels  
293 Kelvin Cross Sections

49-In-126



12

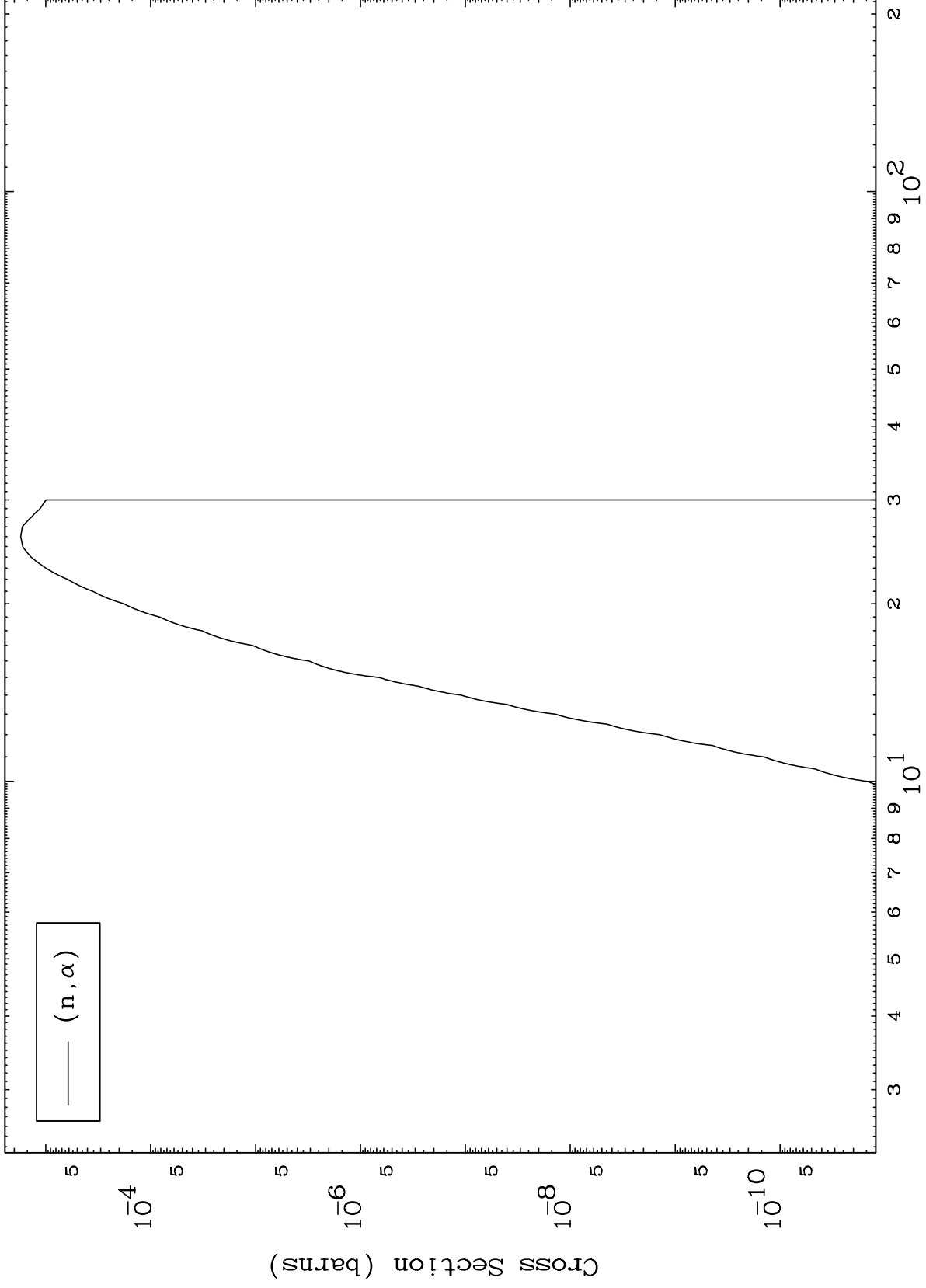
Incident Energy (MeV)

49-In-126

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

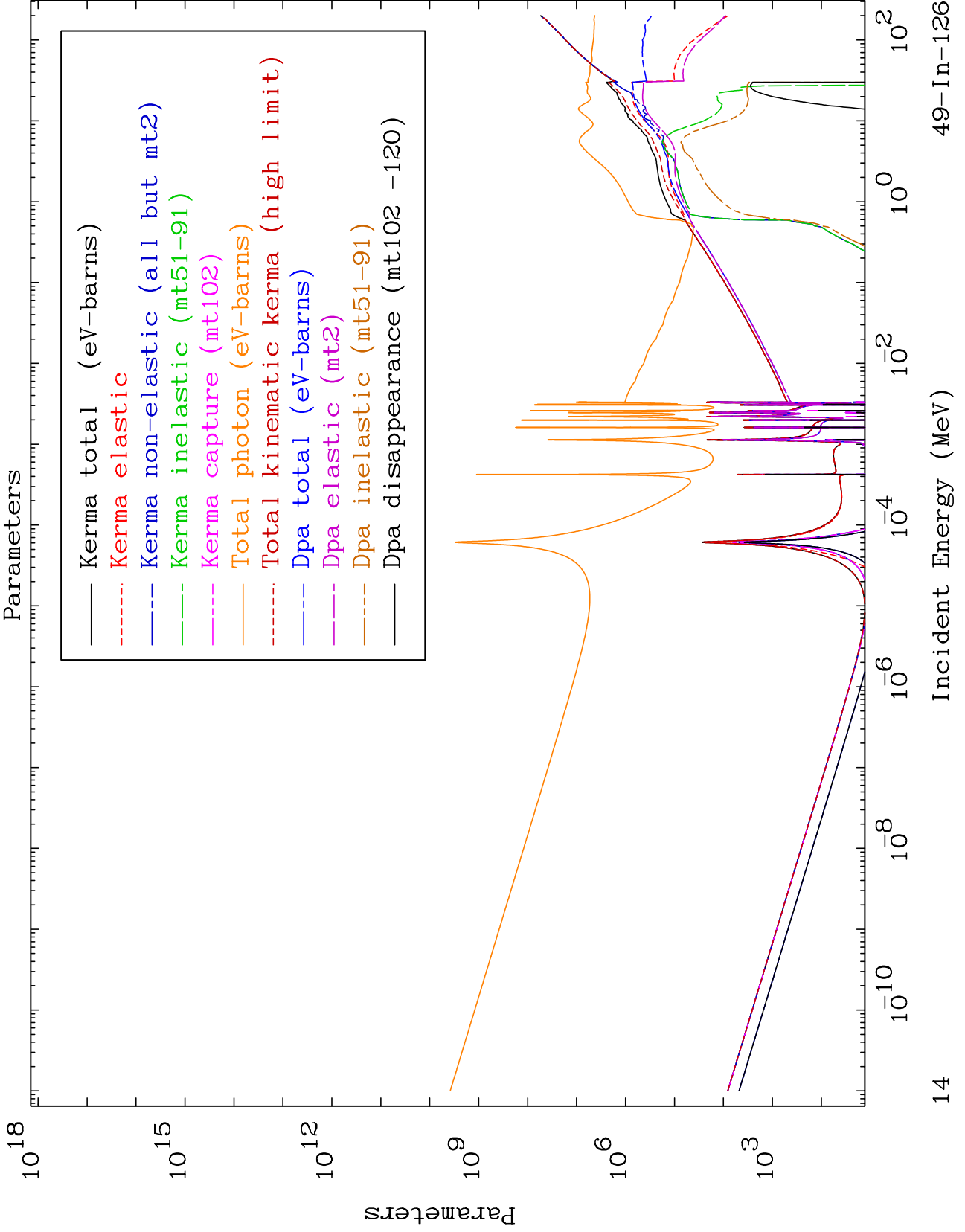
49-In-126

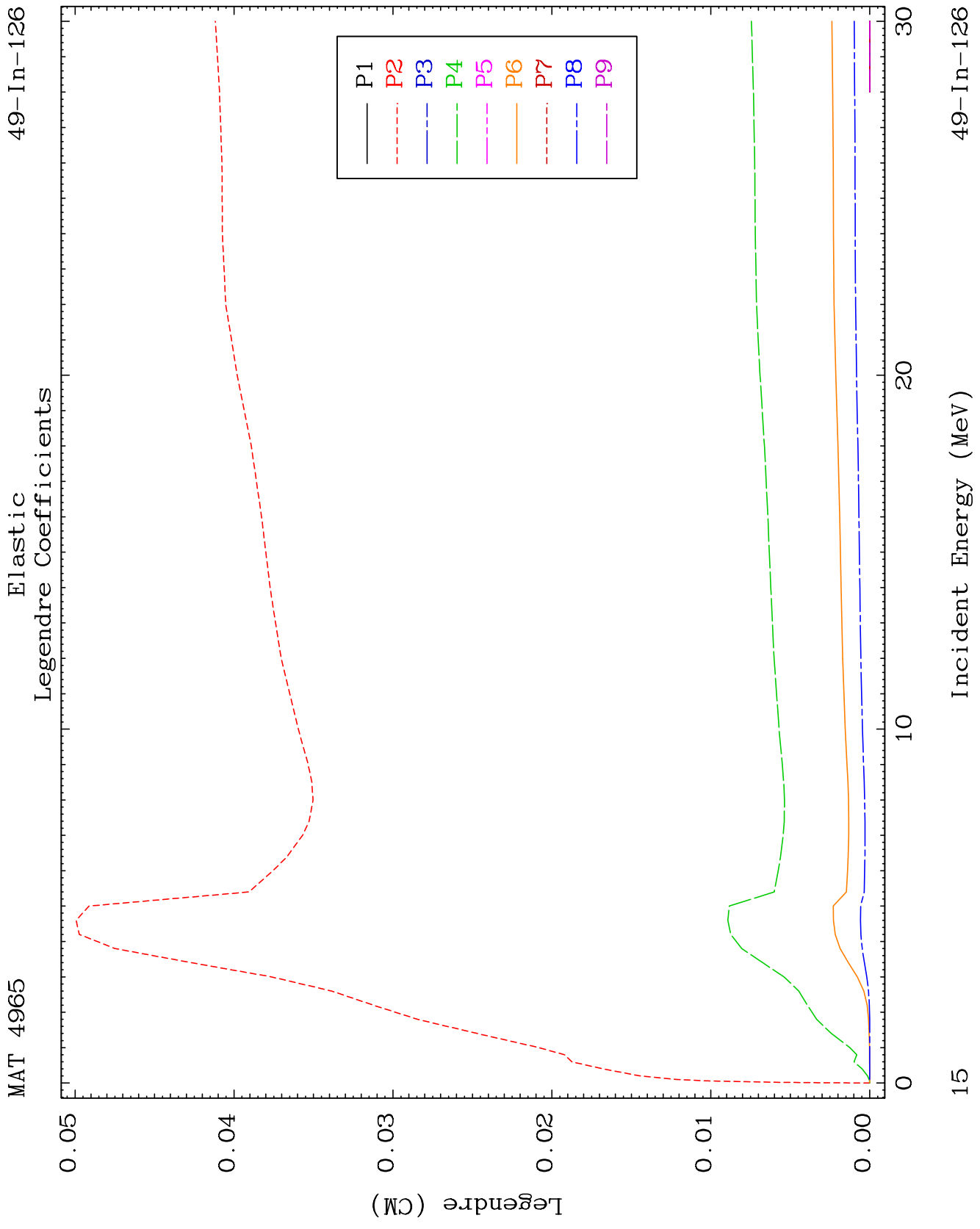


13

Incident Energy (MeV)

49-In-126



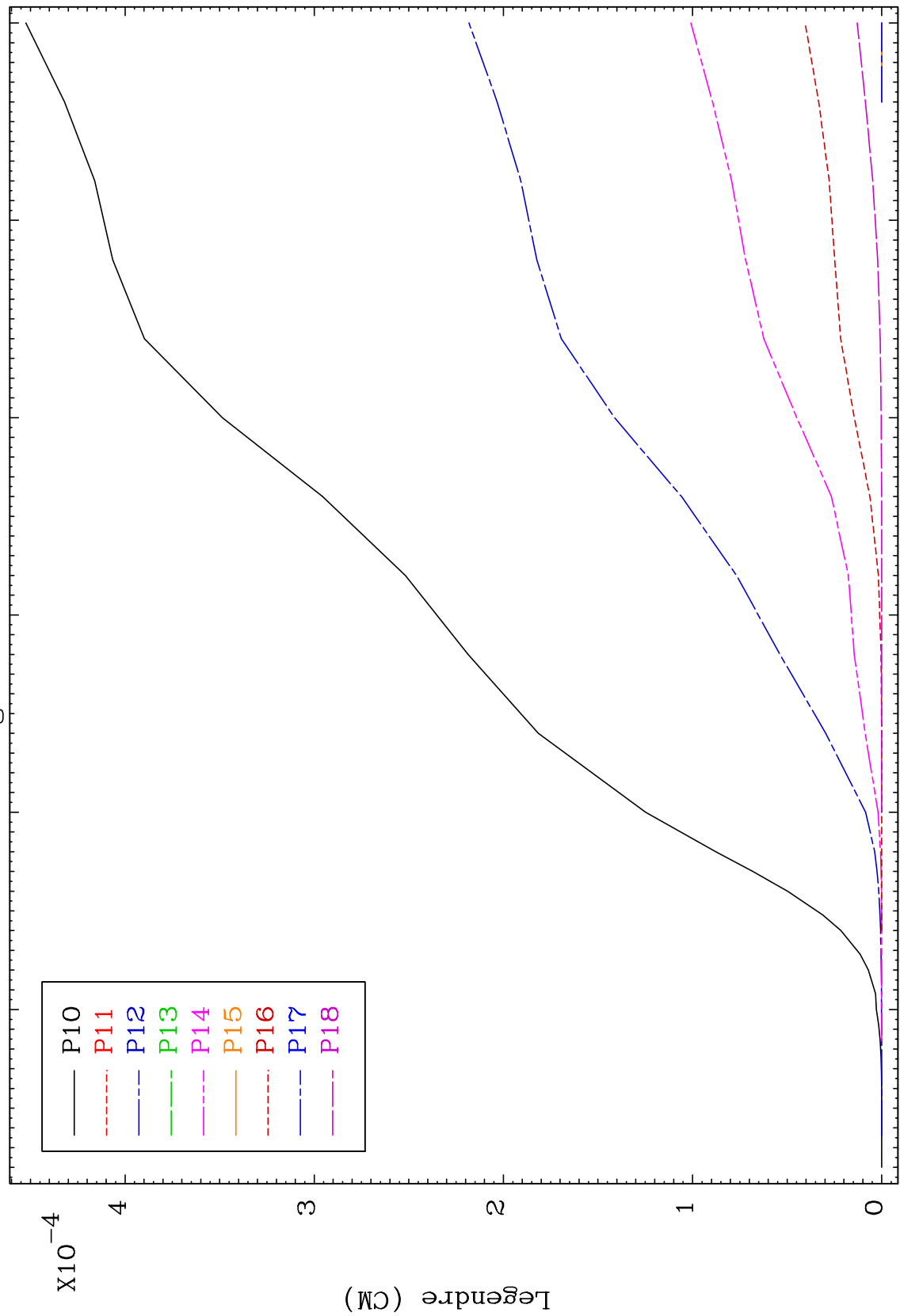




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Elastic Legendre Coefficients

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16

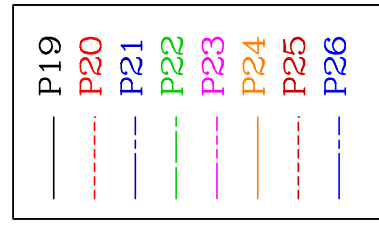
Incident Energy (MeV)

49-In-126

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Elastic  
Legendre Coefficients

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$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

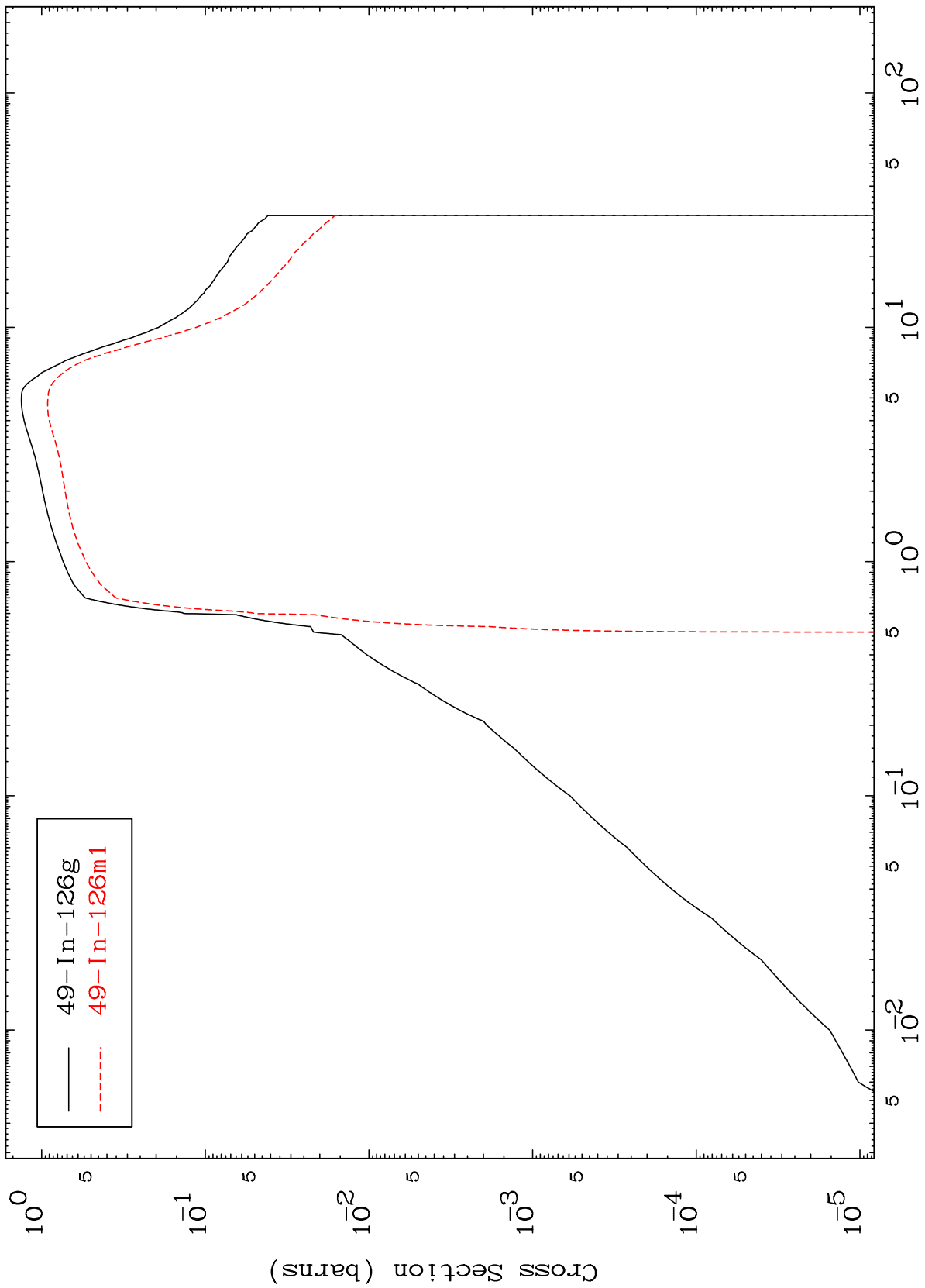
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49-In-126

Inelastic  
Radionuclide Production Cross Section



— 49-In-126g  
- - - 49-In-126m1

18

49-In-126

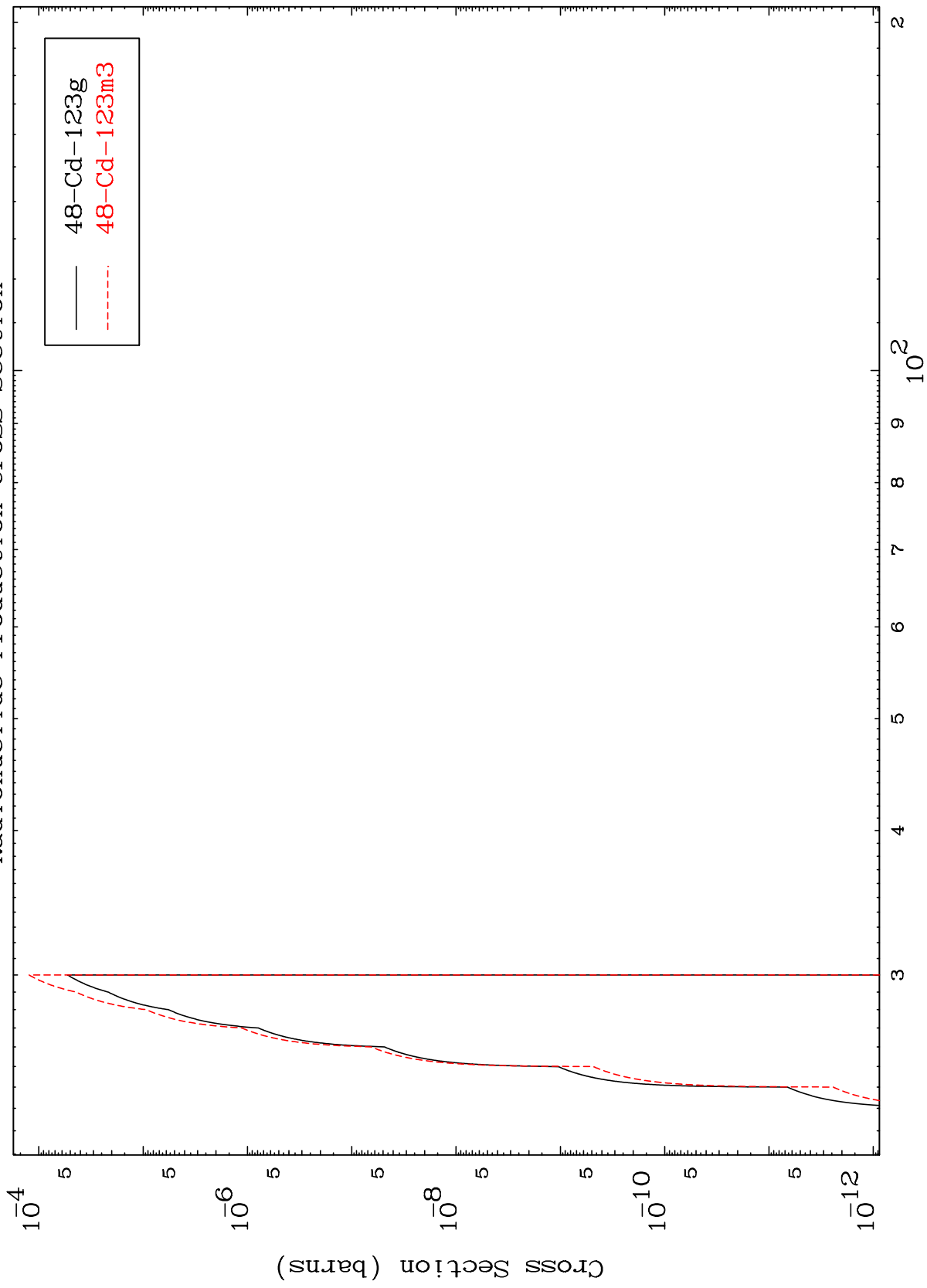
Incident Energy (MeV)

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(n,2n) d

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Radionuclide Production Cross Section



19

Incident Energy (MeV)

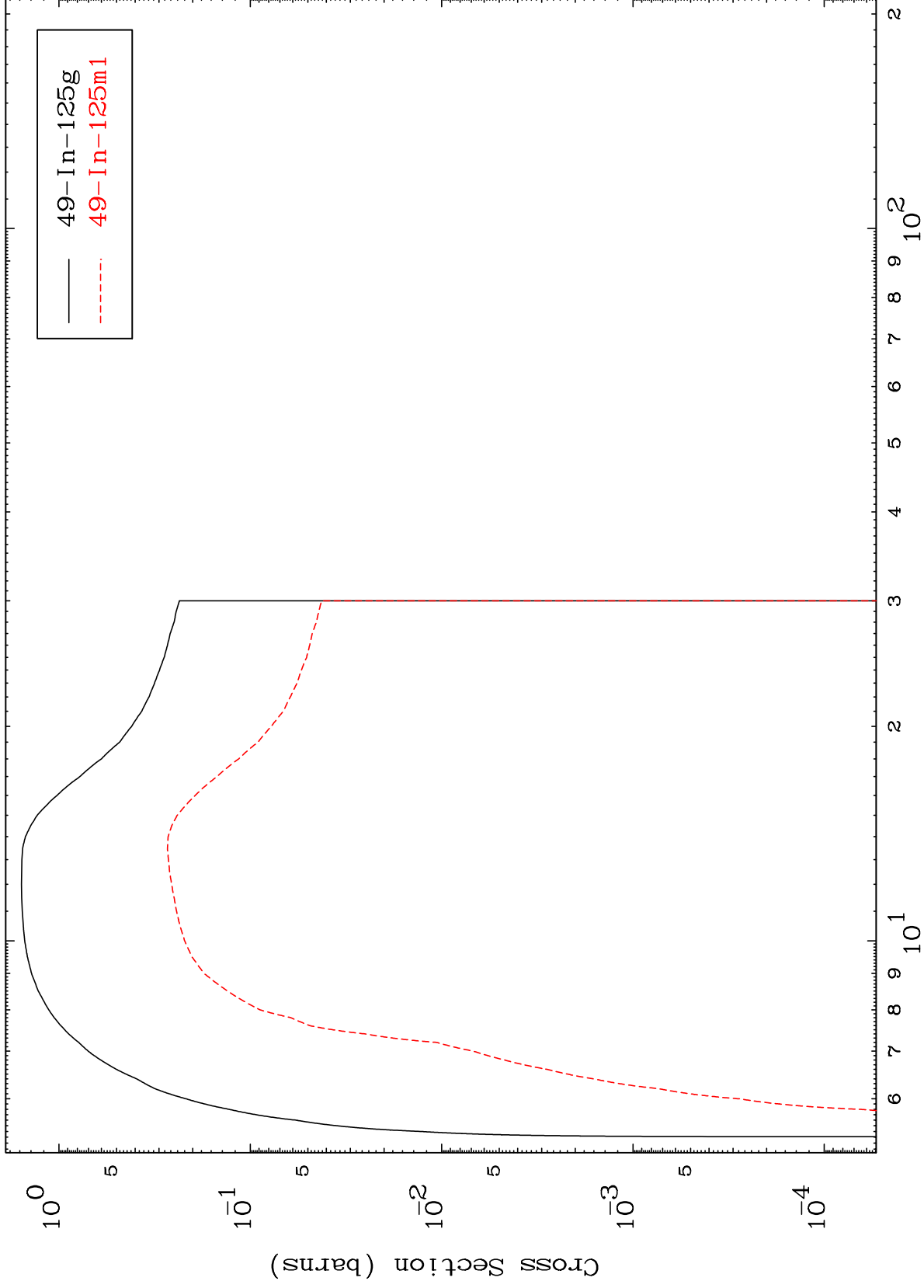
49-In-126

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(n,2n)

49-In-126

Radionuclide Production Cross Section



20

Incident Energy (MeV)

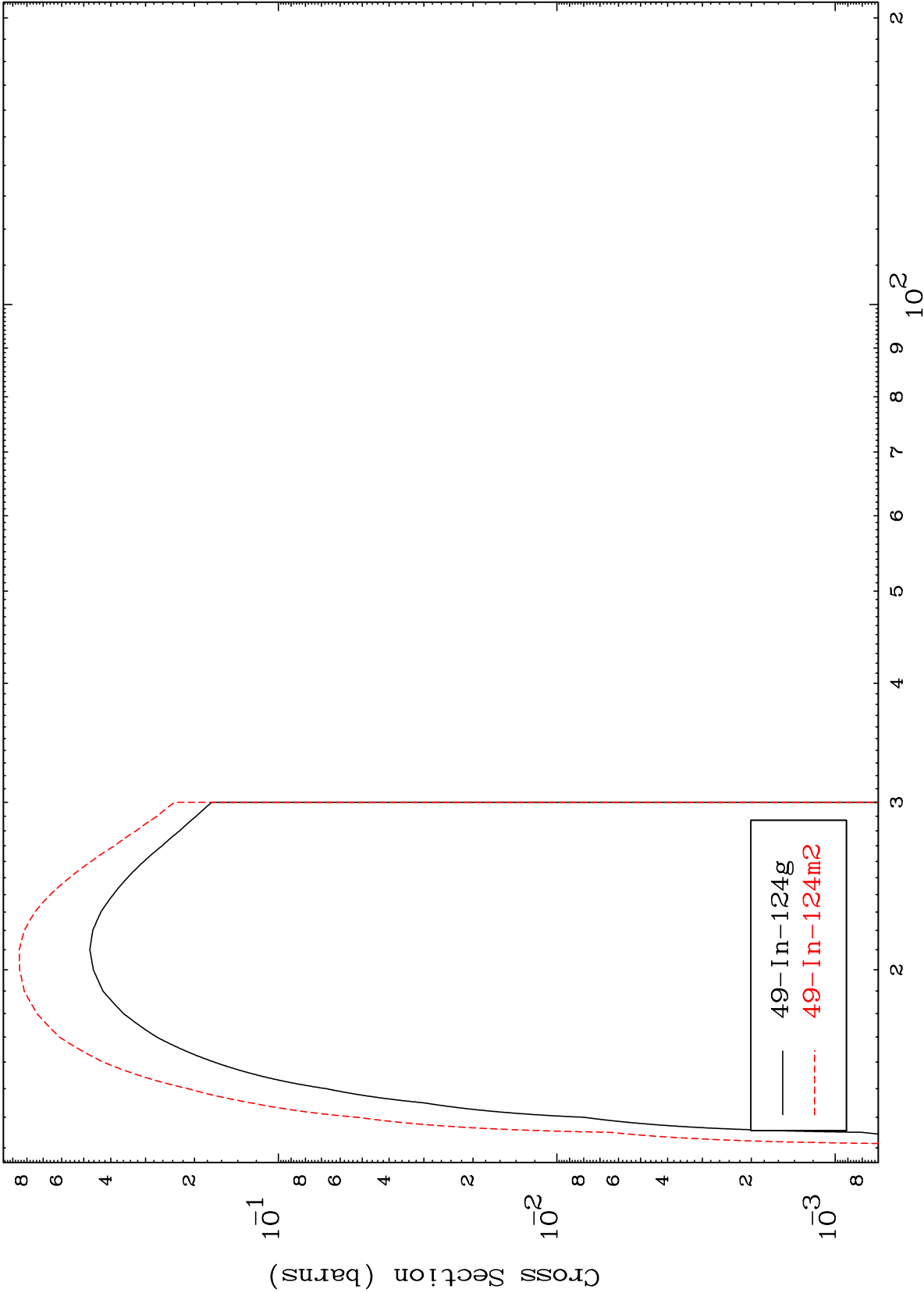
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(n,3n)

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Radionuclide Production Cross Section

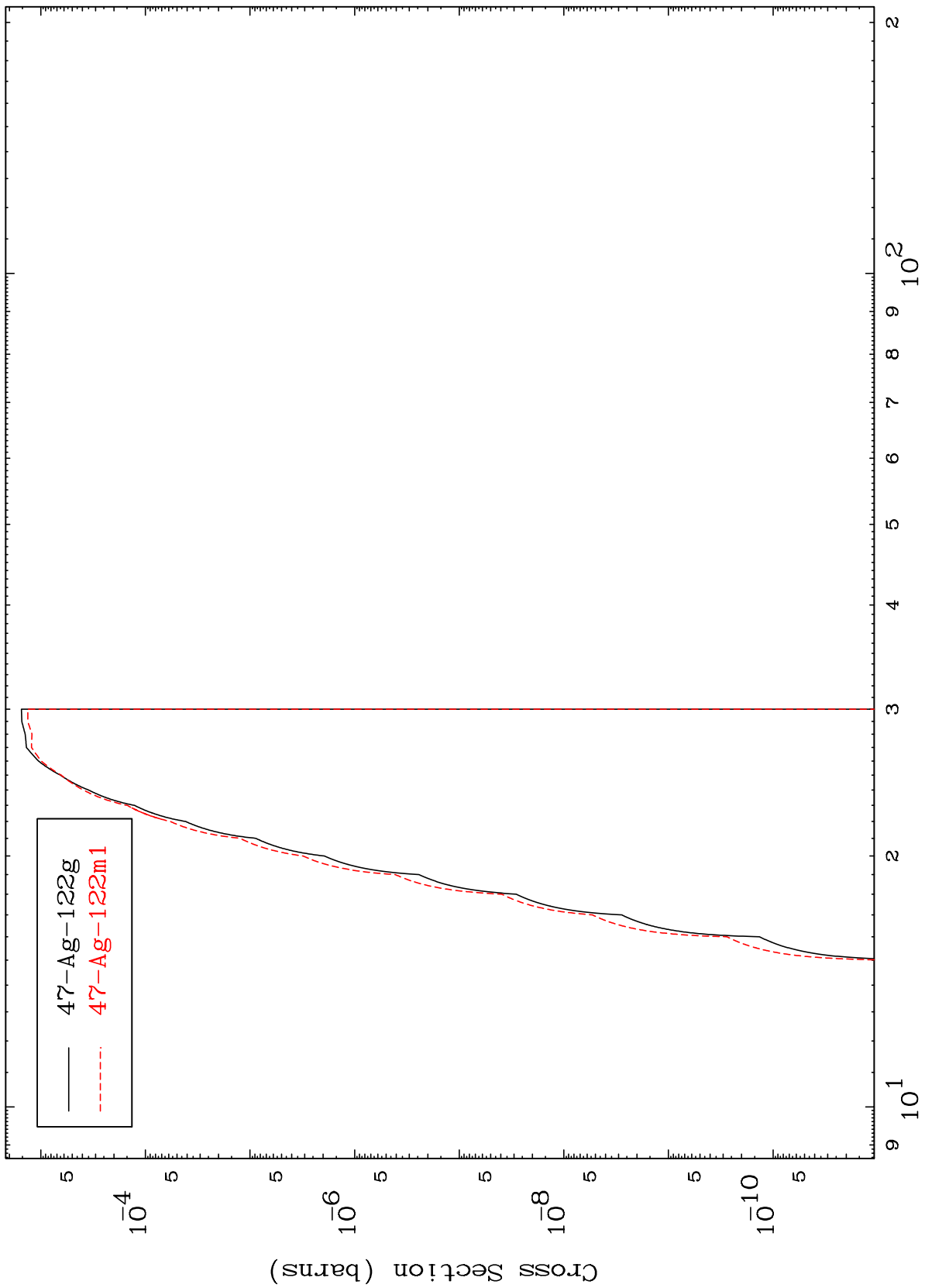


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(n,n')  $\alpha$

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Radionuclide Production Cross Section



22

Incident Energy (MeV)

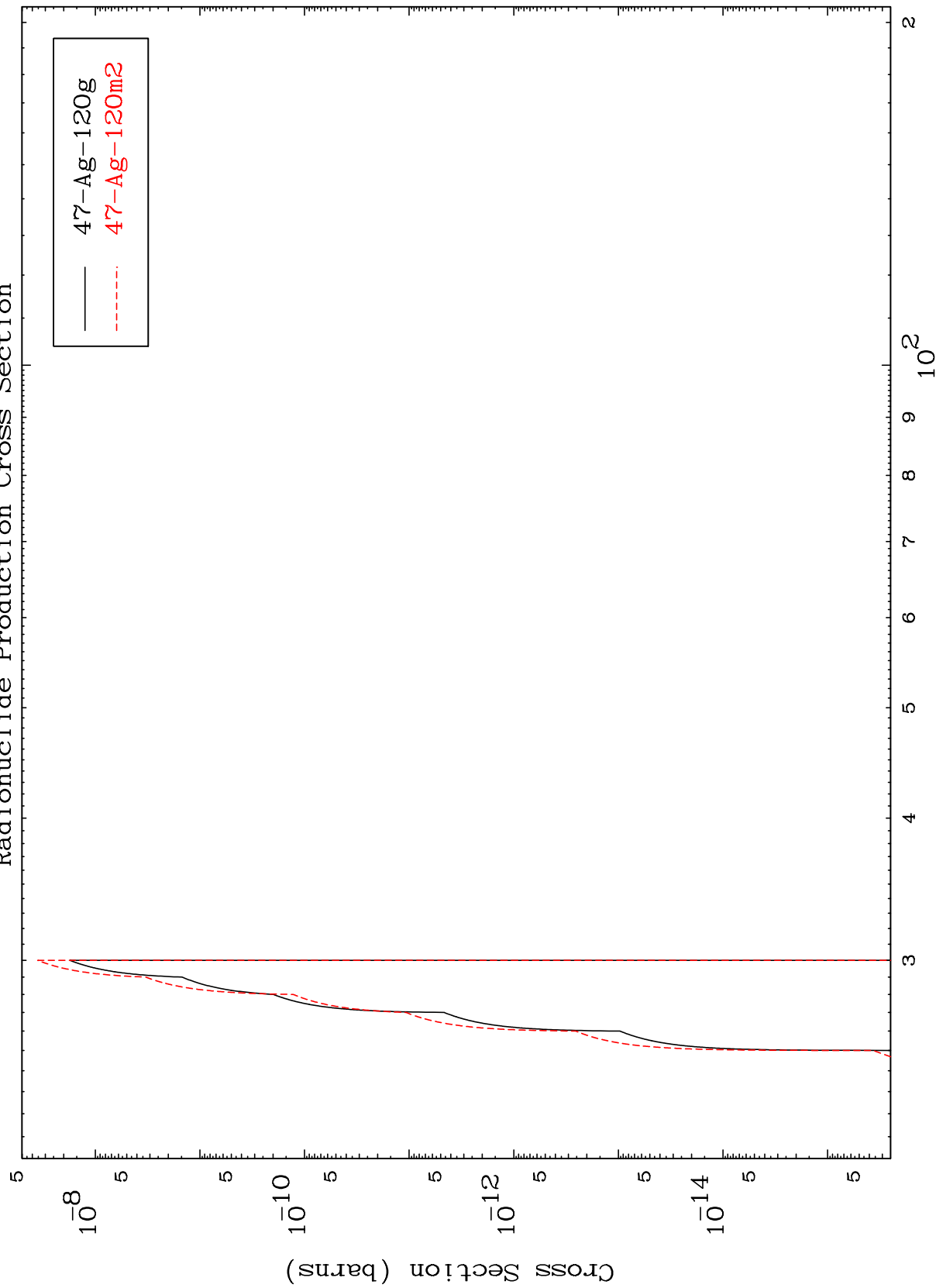
49-In-126

MAT 4965

(n,3n)  $\alpha$

49-In-126

Radionuclide Production Cross Section



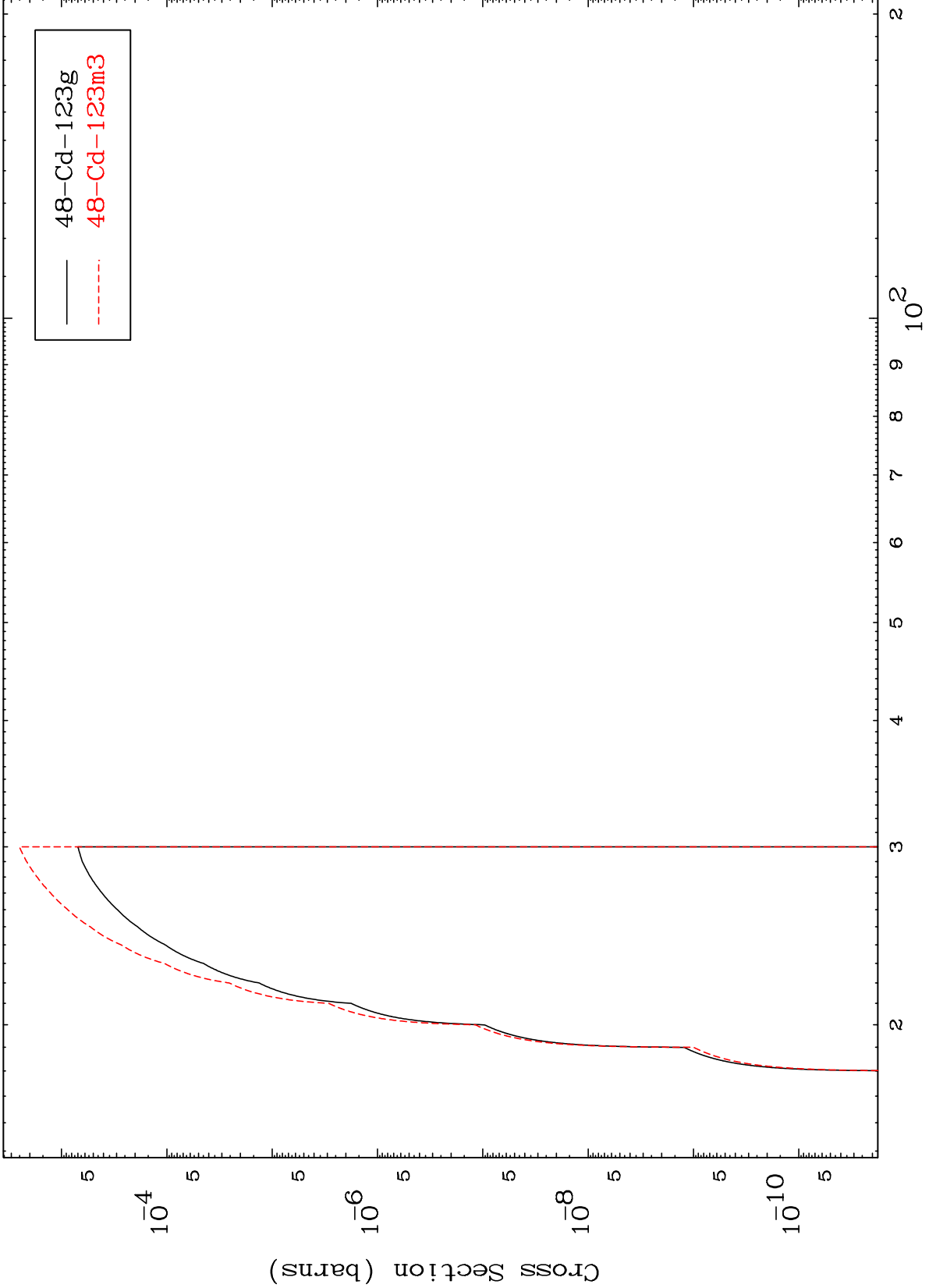
23

Incident Energy (MeV)

49-In-126



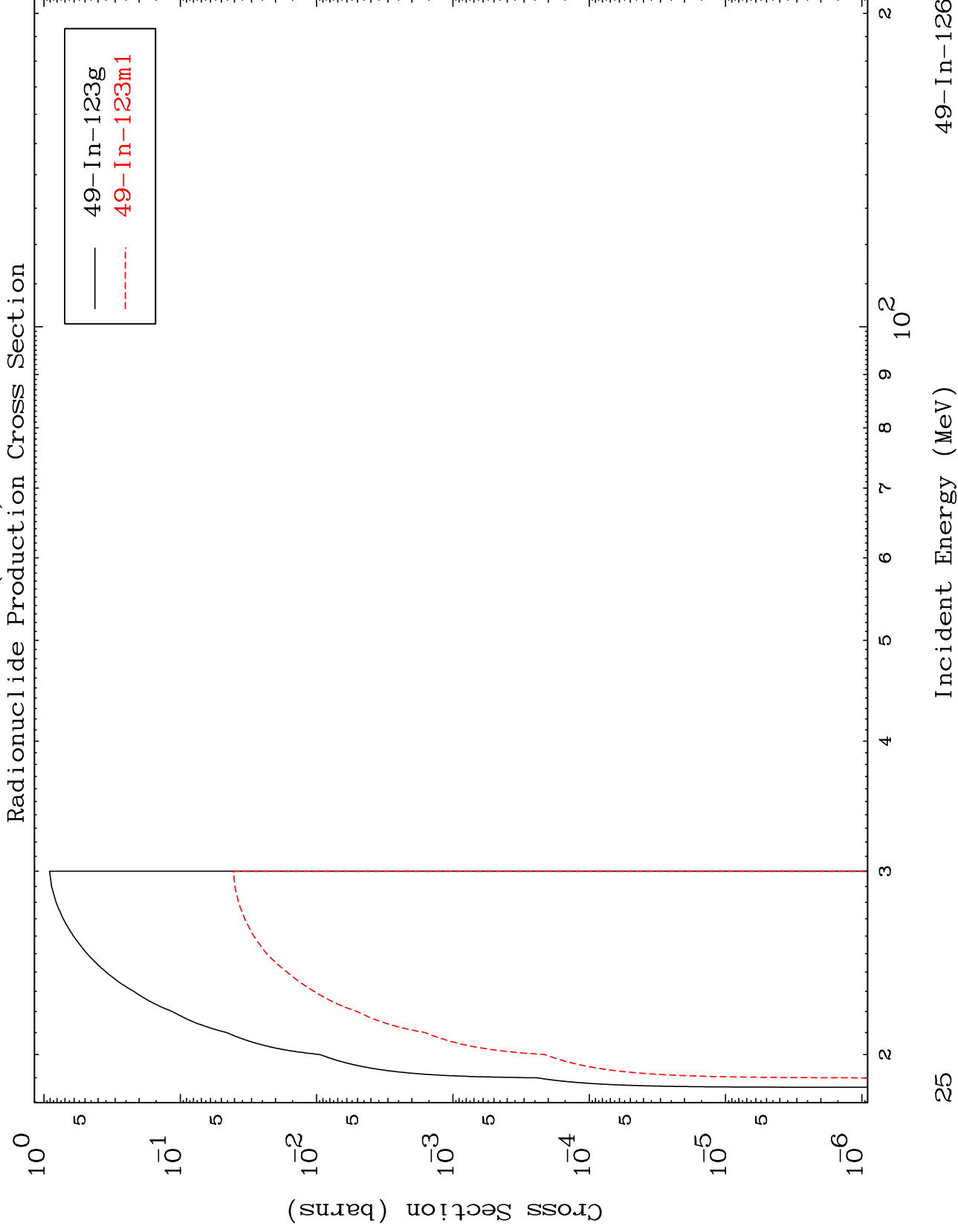
Radionuclide Production Cross Section



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(n,4n)

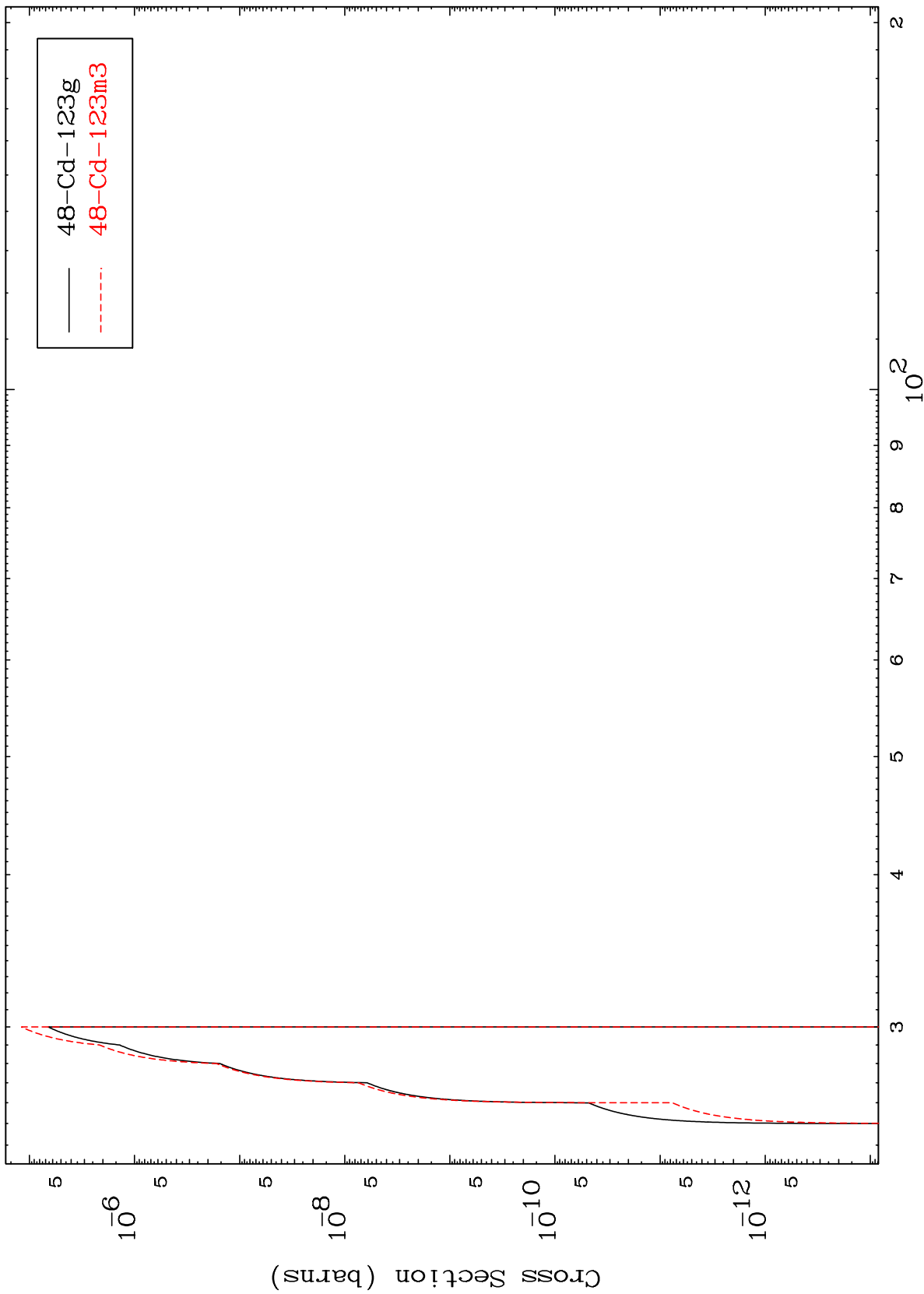
49-In-126



25

49-In-126

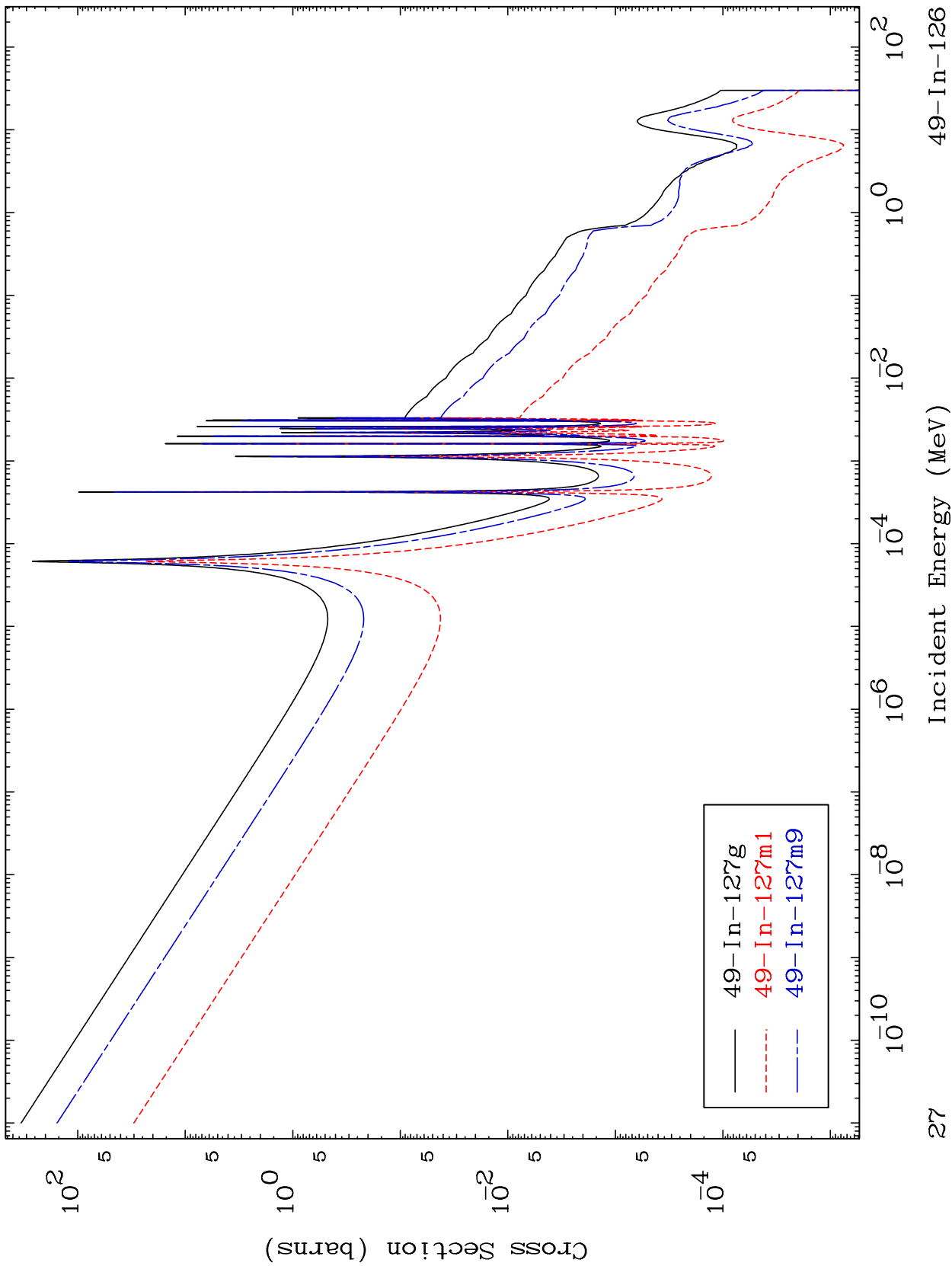
Radionuclide Production Cross Section



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49-In-126

Radionuclide Production Cross Section  
(n,  $\gamma$ )



27

49-In-126