

Program EVALPLOT  
(Version 2015-2)

by

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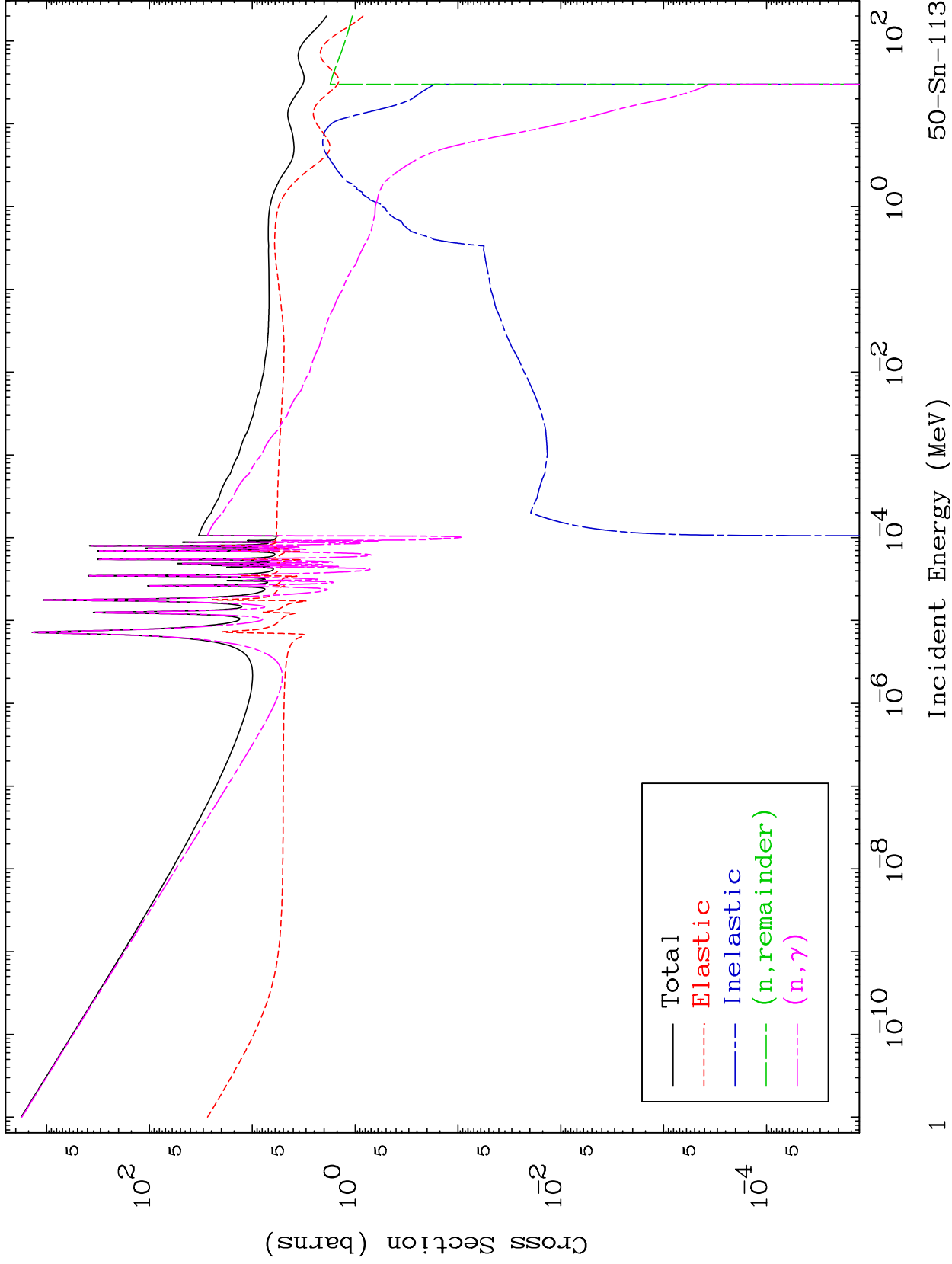
Press Mouse Button to Start

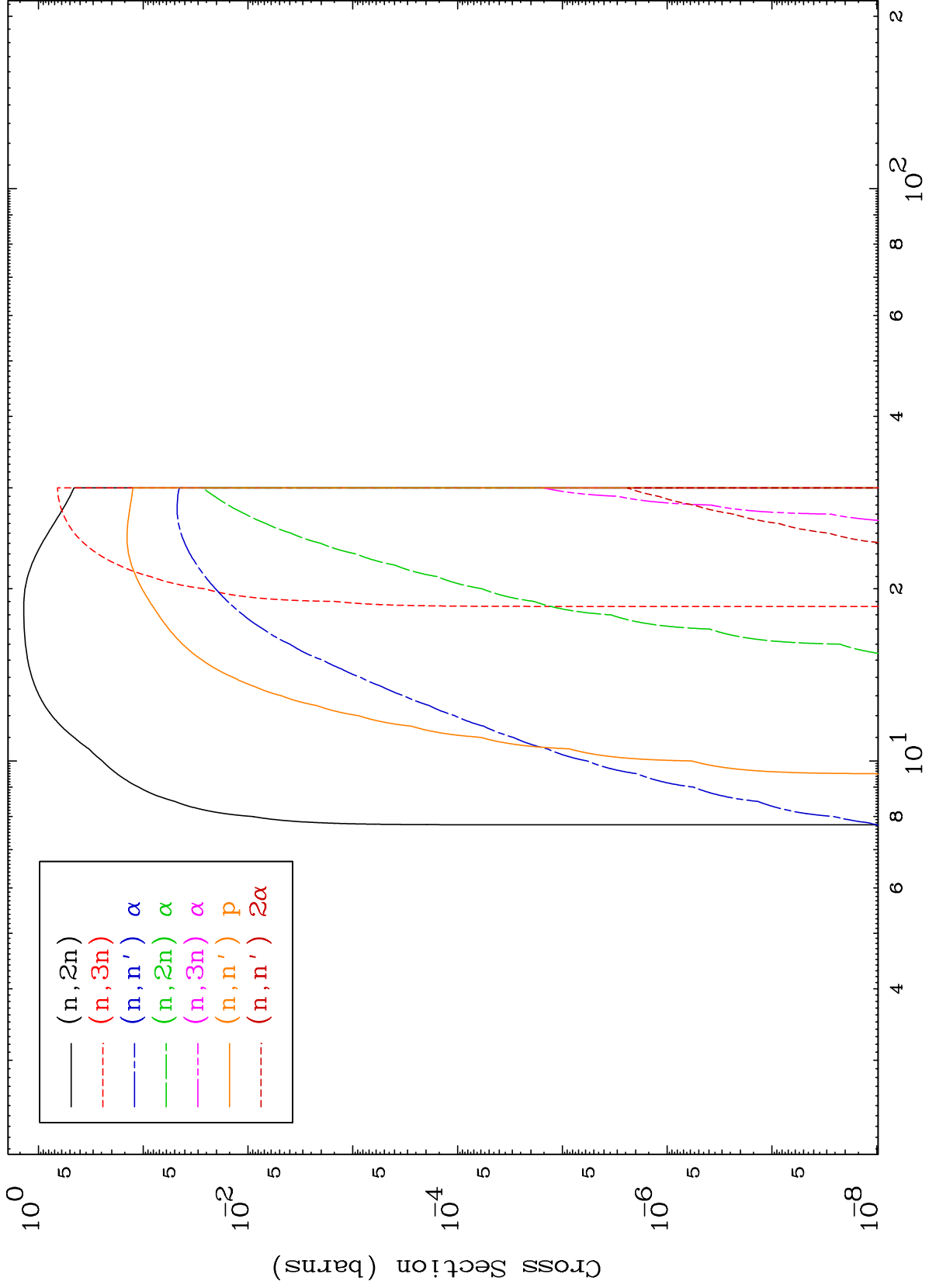
MAT 5029

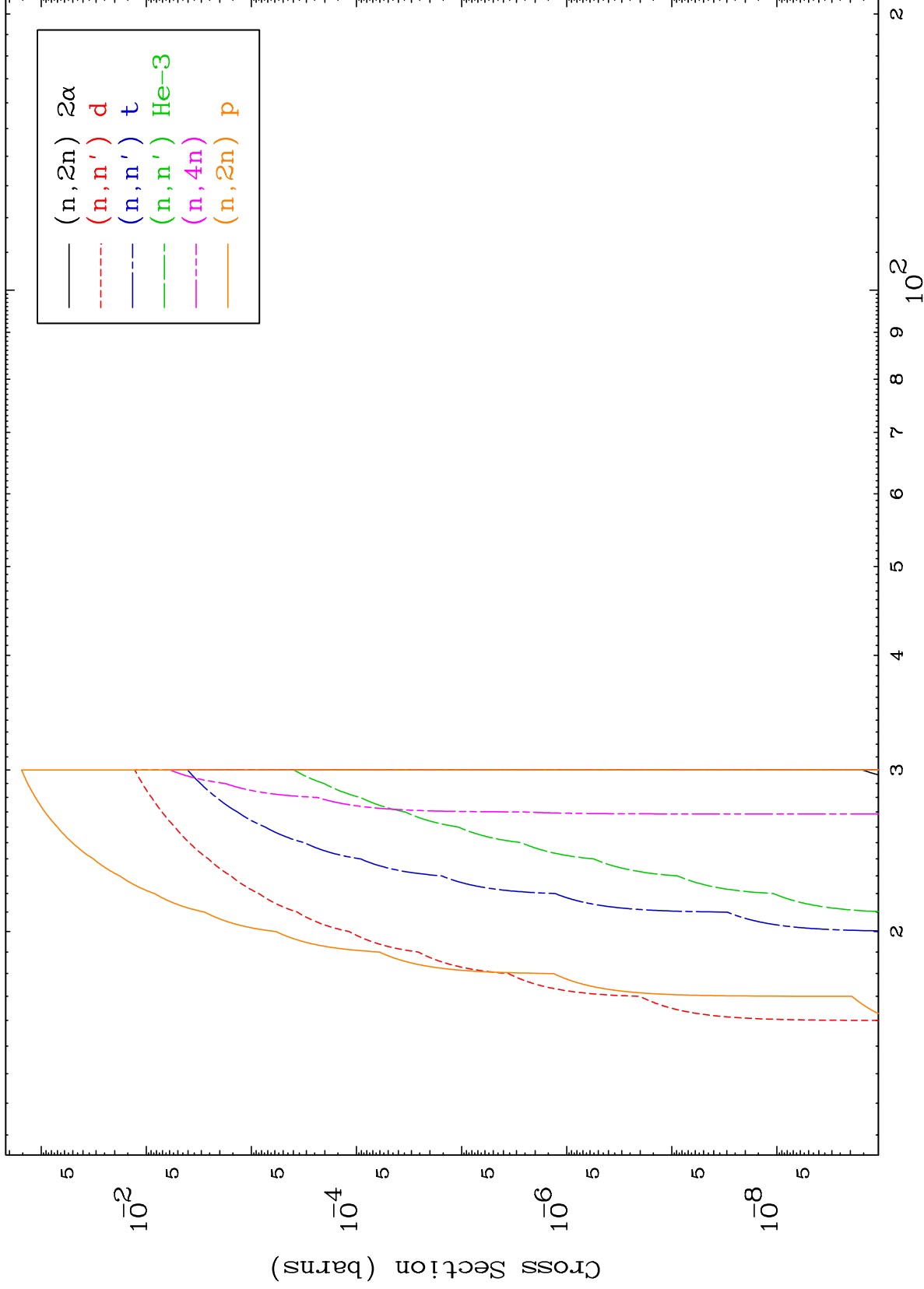
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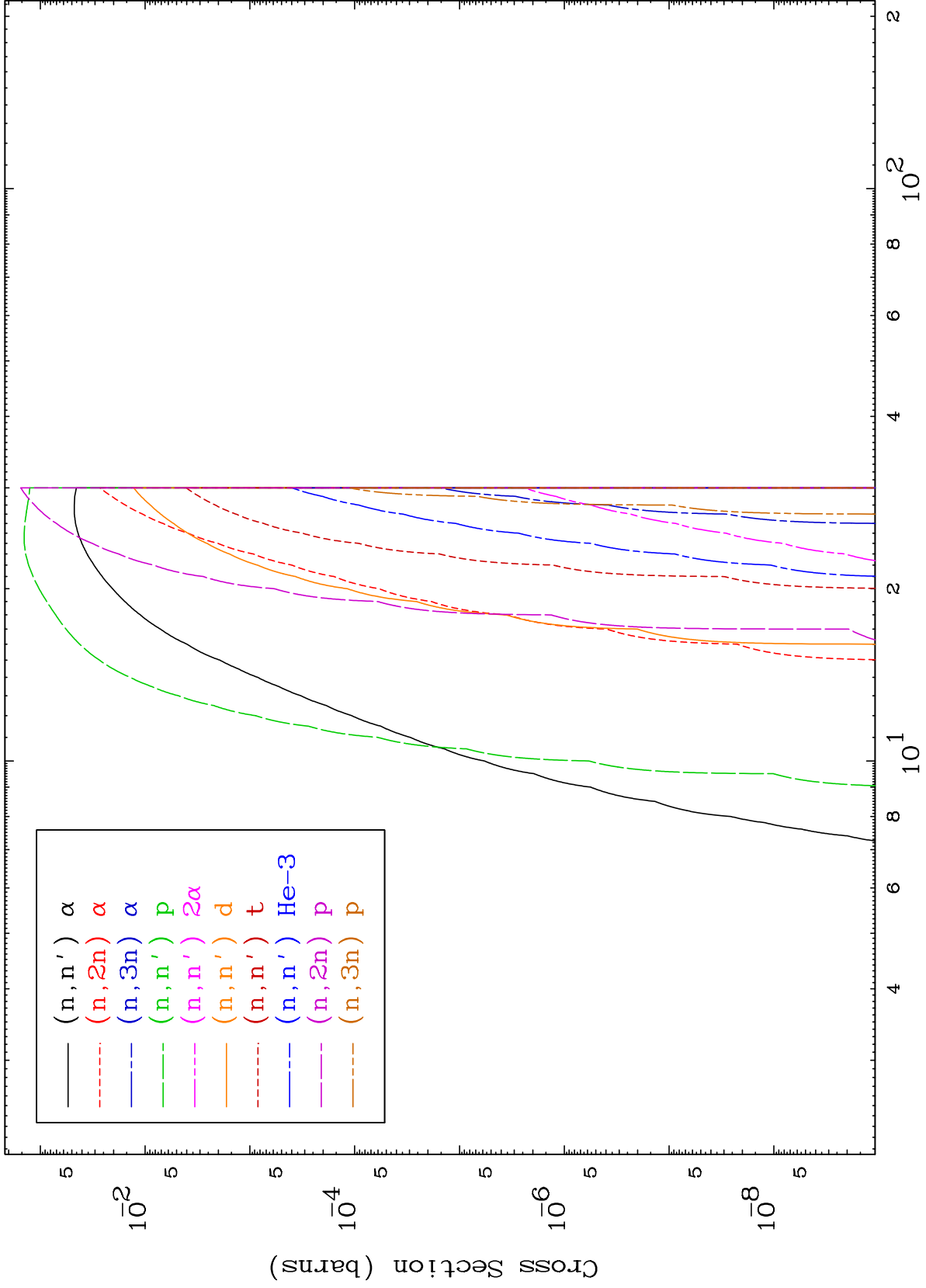
293 Kelvin Cross Sections

50-Sn-113





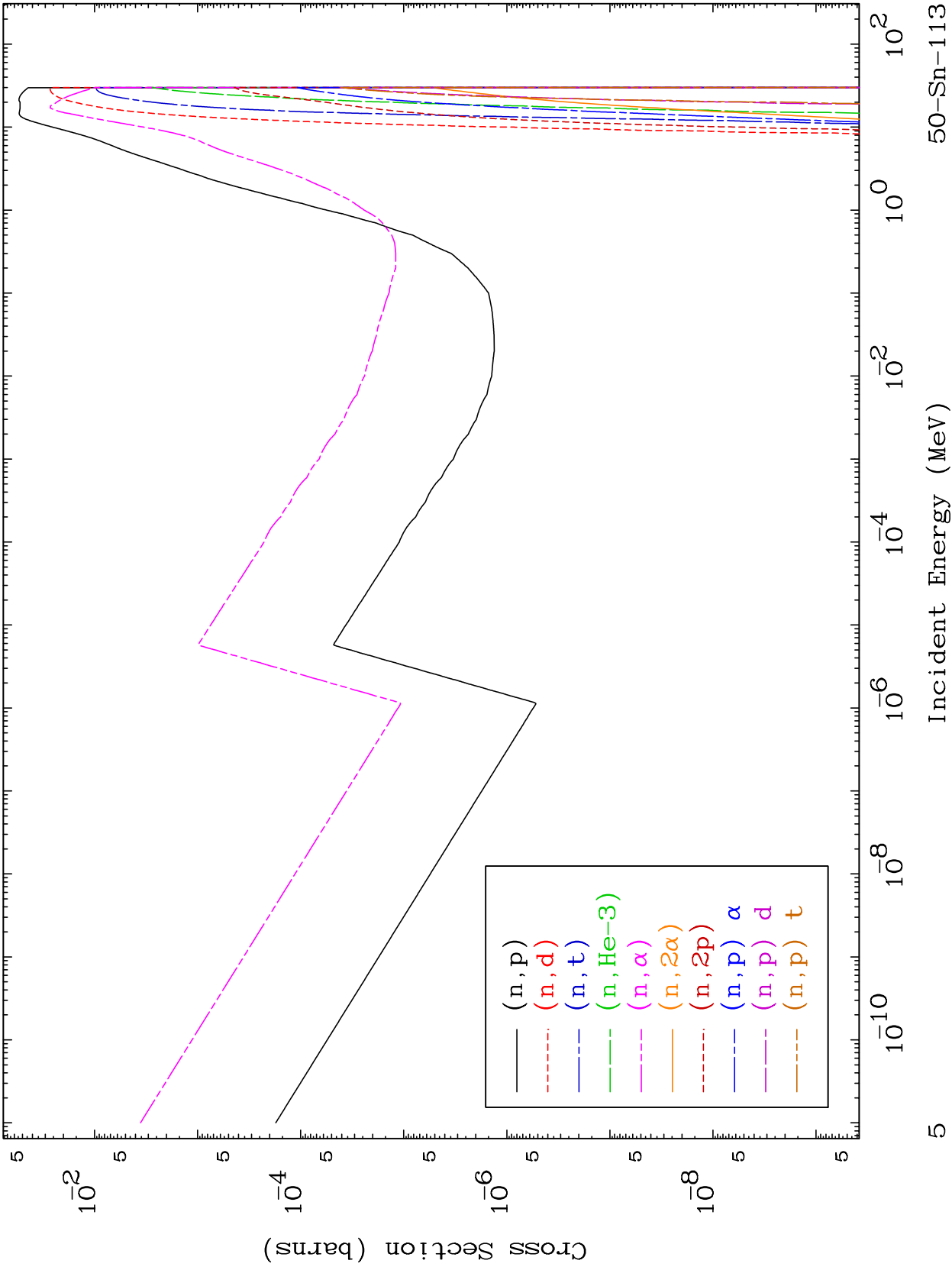


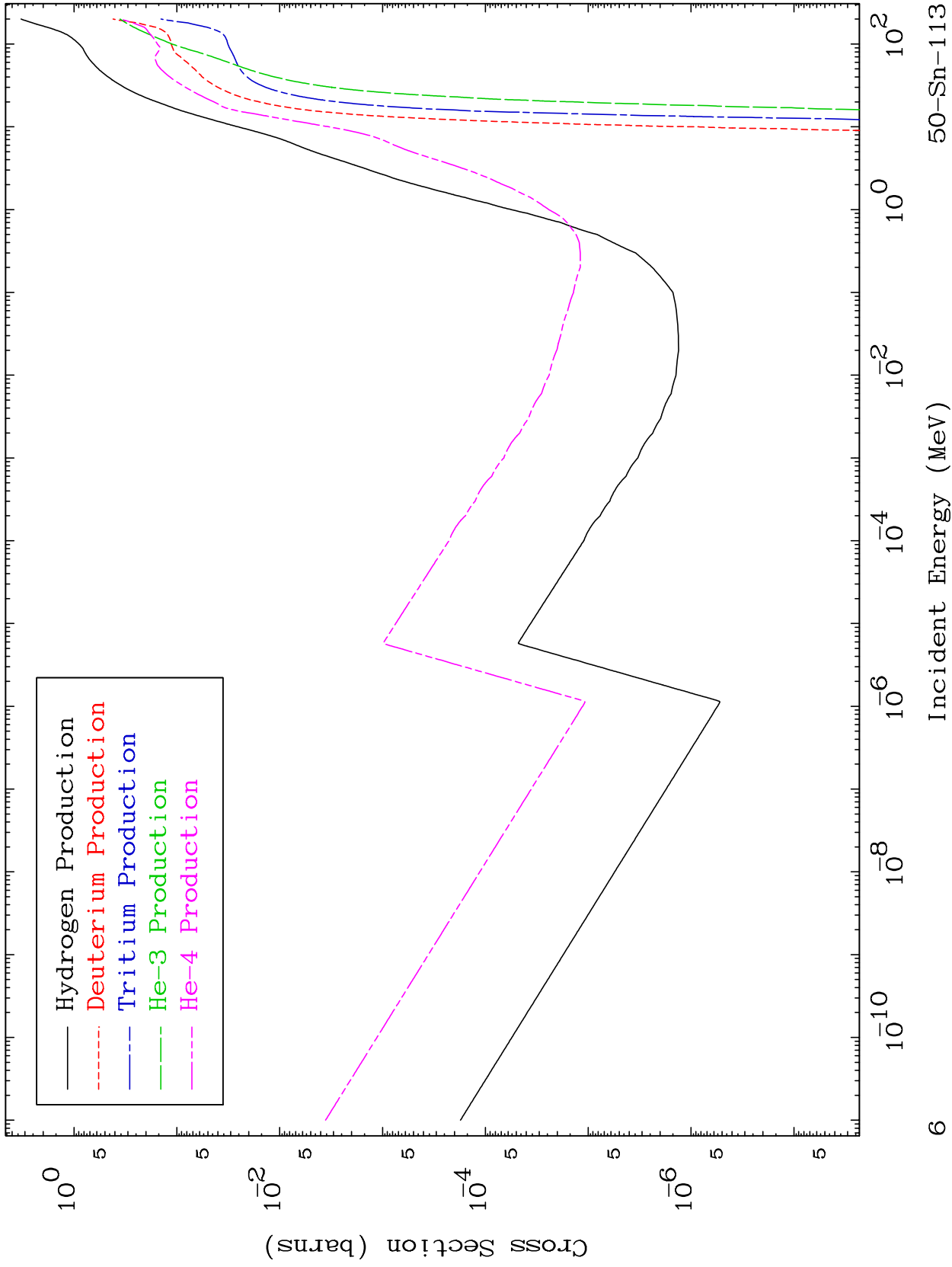


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Charged Particle  
293 Kelvin Cross Sections

50-Sn-113

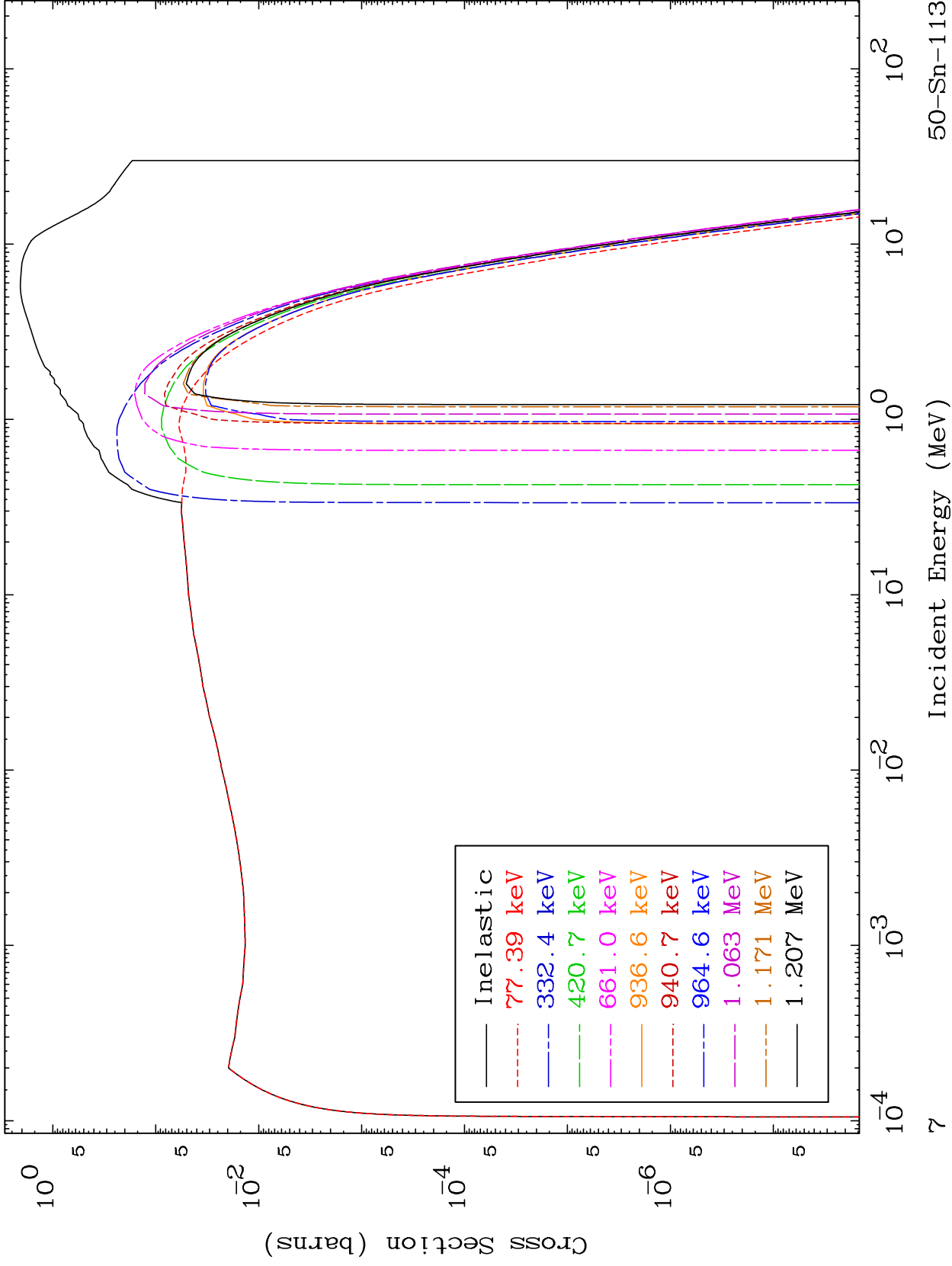




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(n,n') Level  
293 Kelvin Cross Sections

50-Sn-113

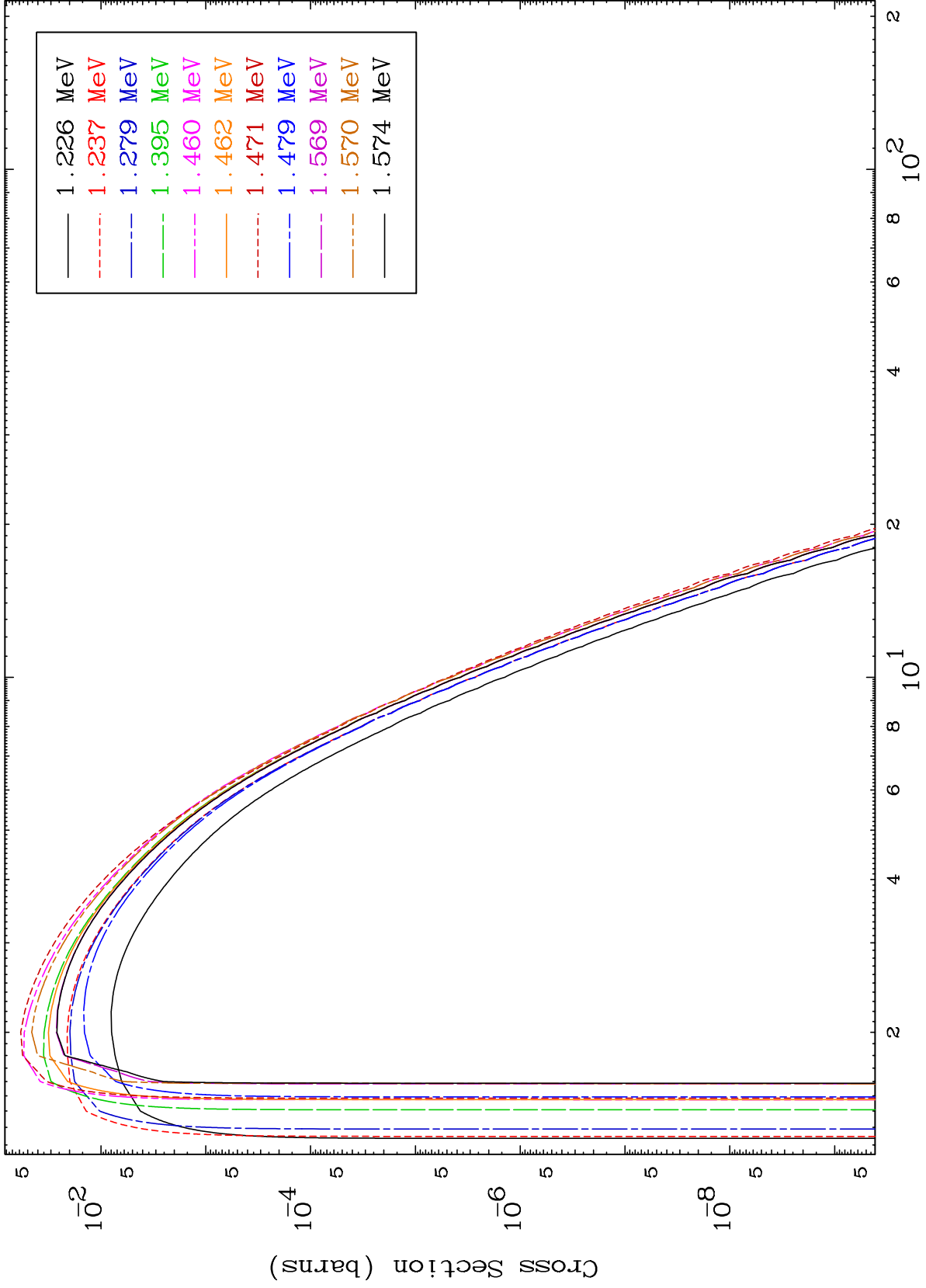




MAT 5029

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-113



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Incident Energy (MeV)

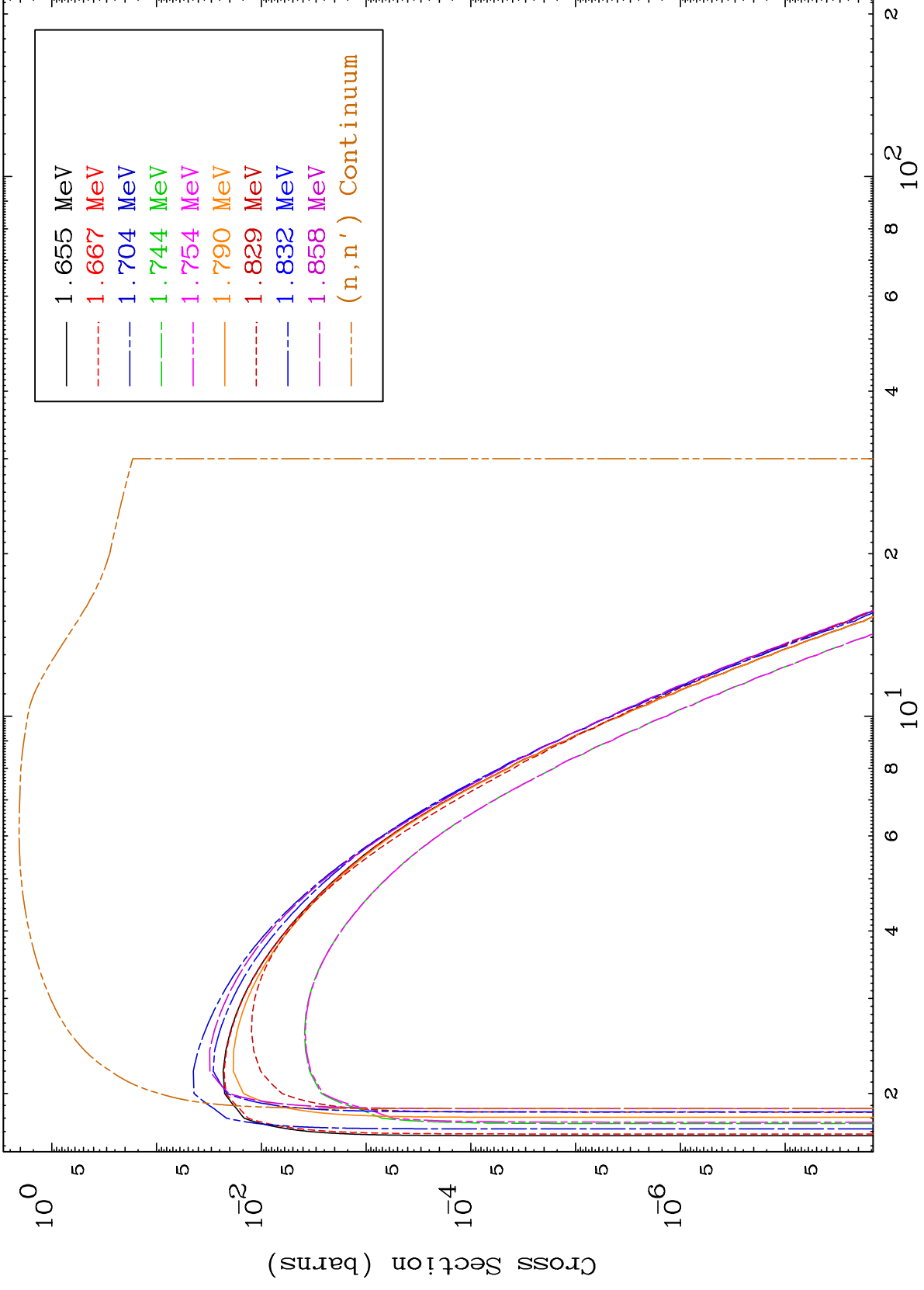
50-Sn-113

MAT 5029

(n,n') Level

50-Sn-113

293 Kelvin Cross Sections



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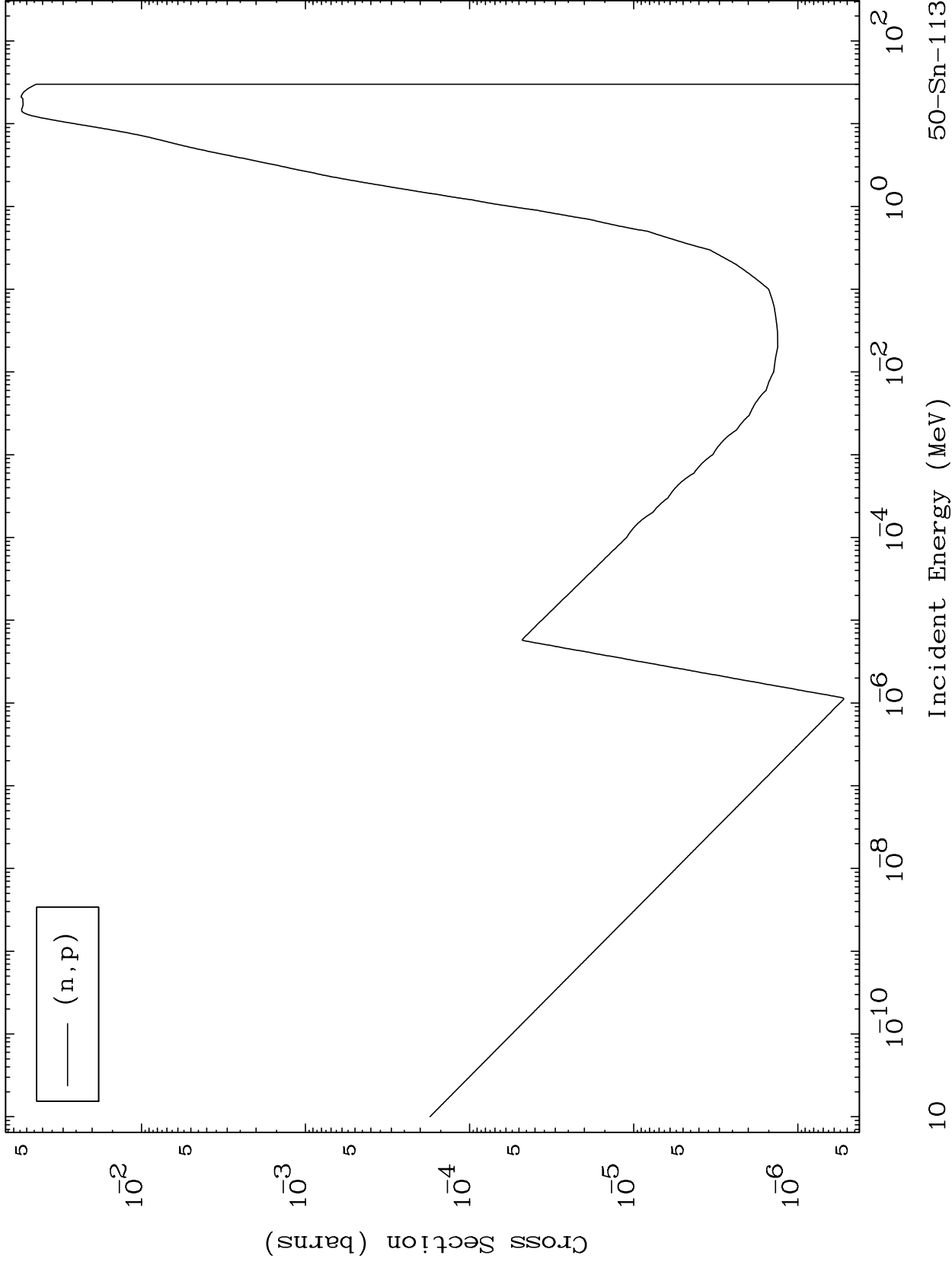
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-113

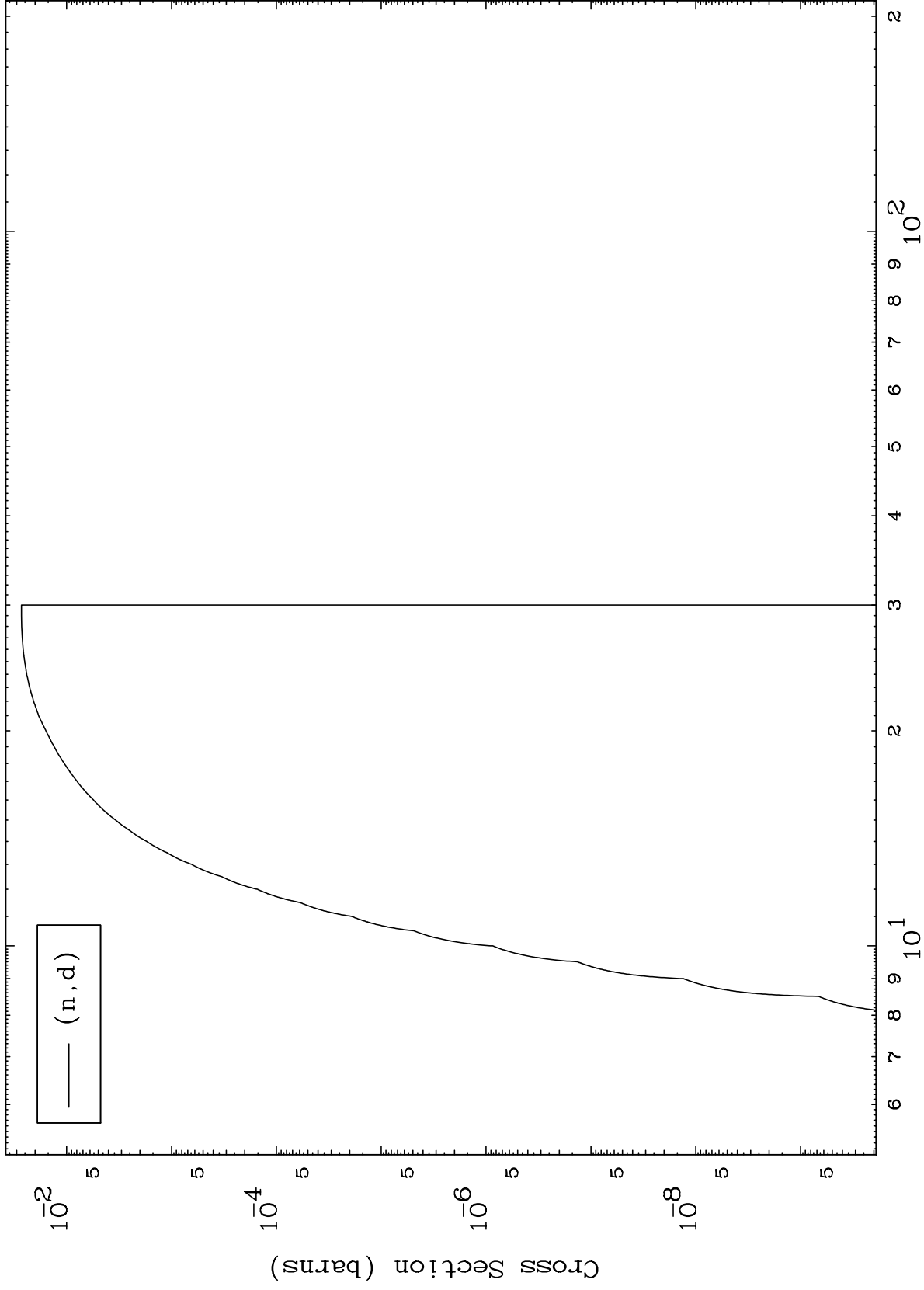


50-Sn-113

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(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-113



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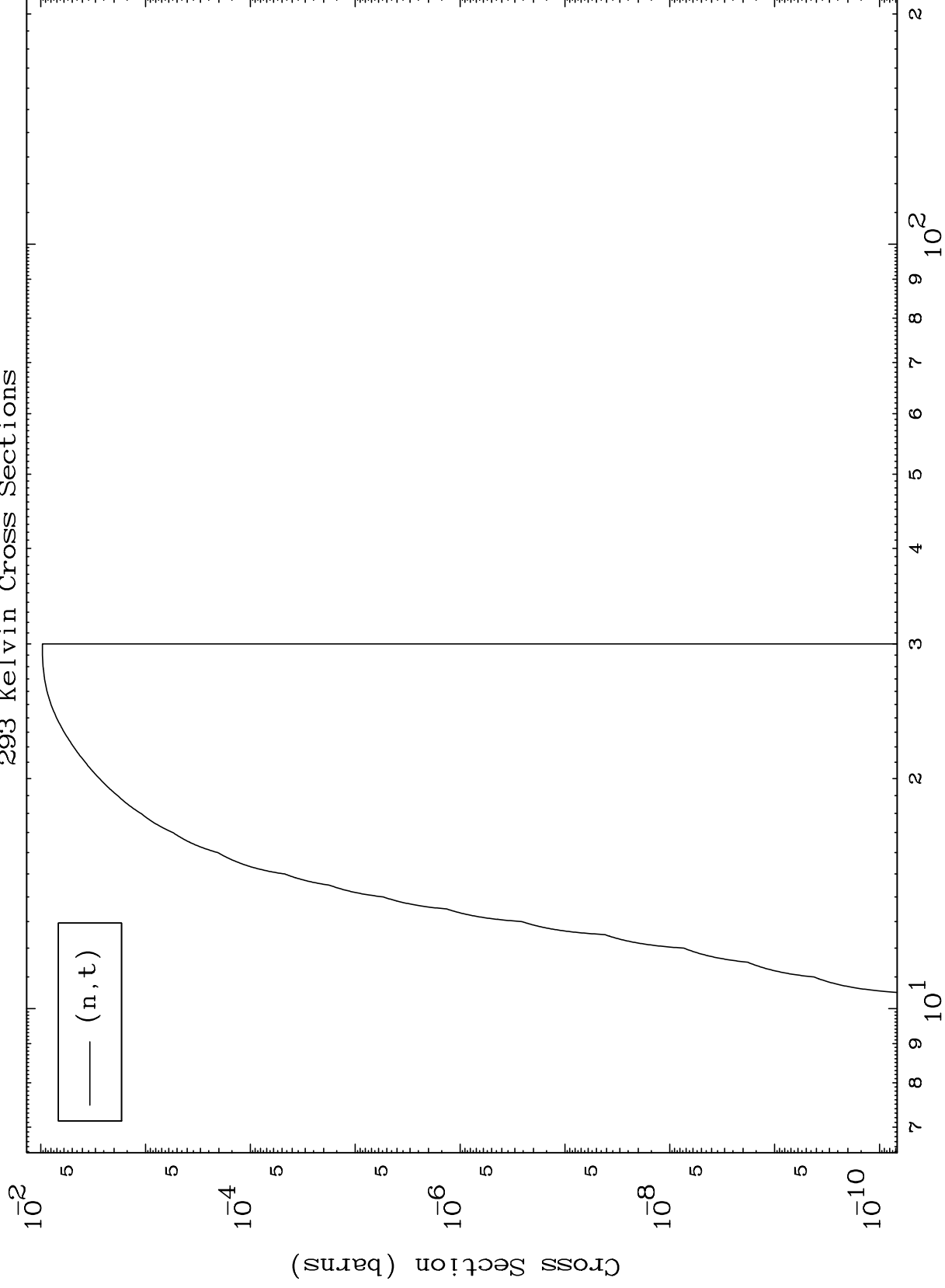
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-113



12

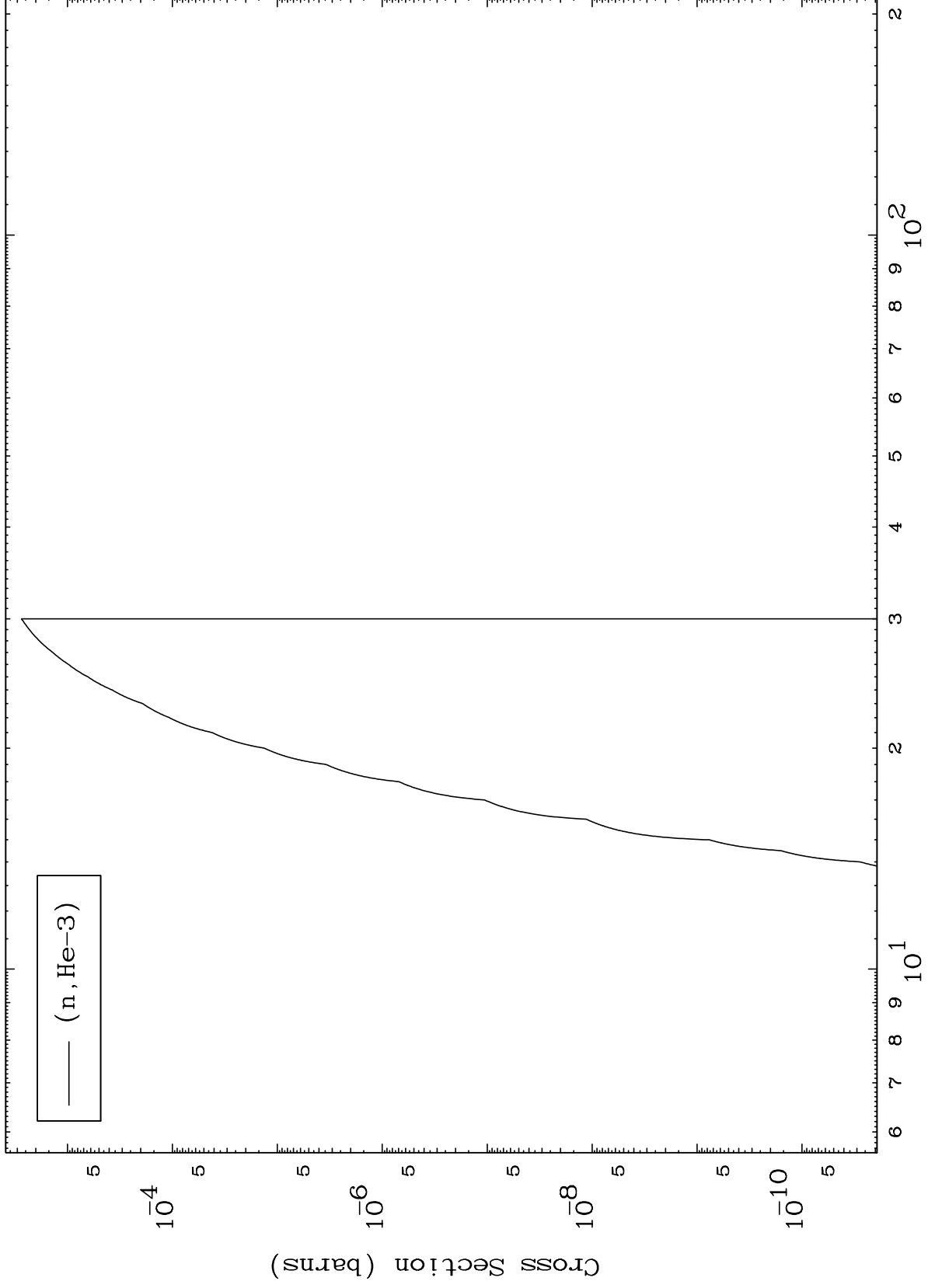
Incident Energy (MeV)

50-Sn-113

MAT 5029

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-113



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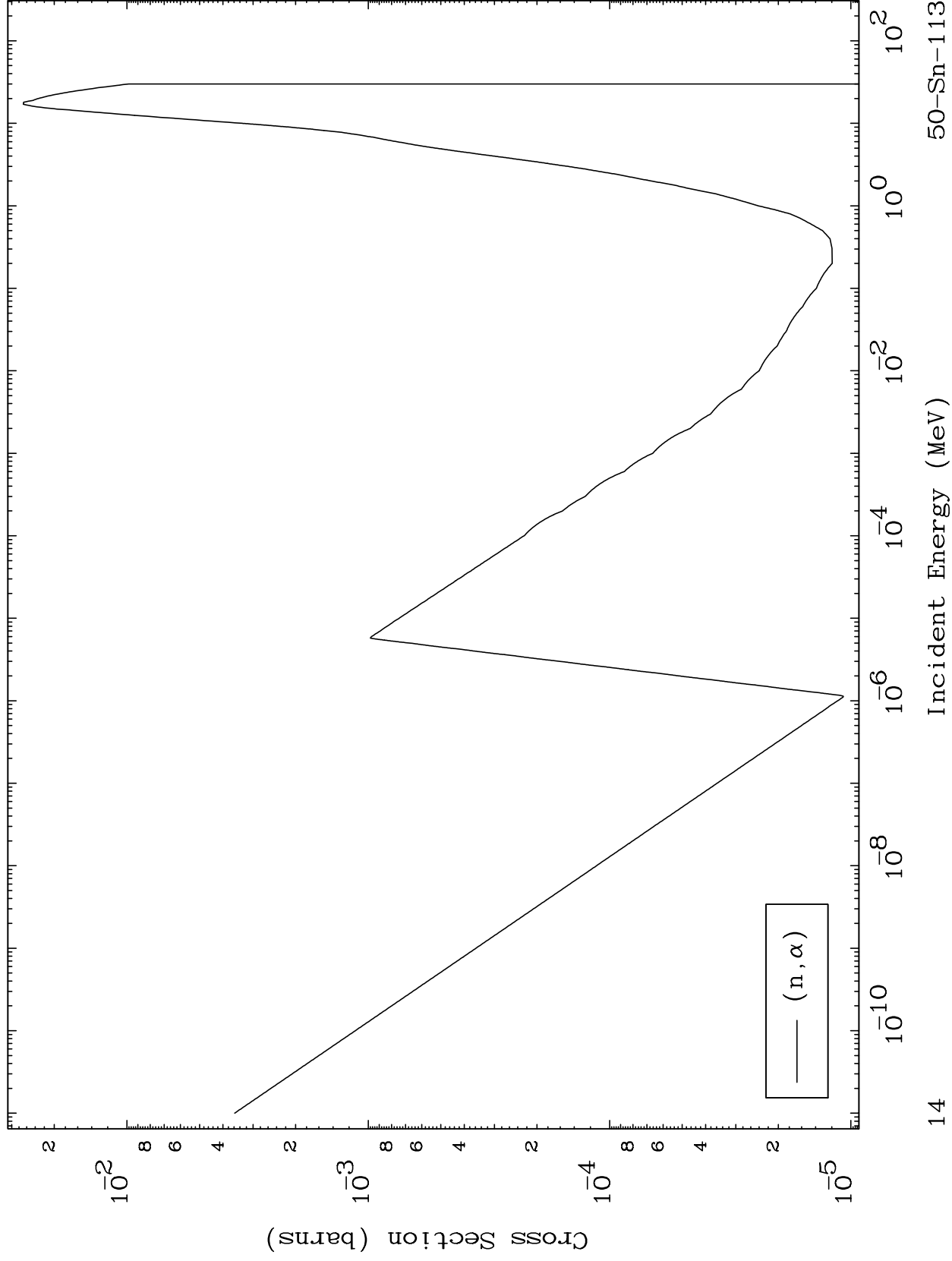
Incident Energy (MeV)

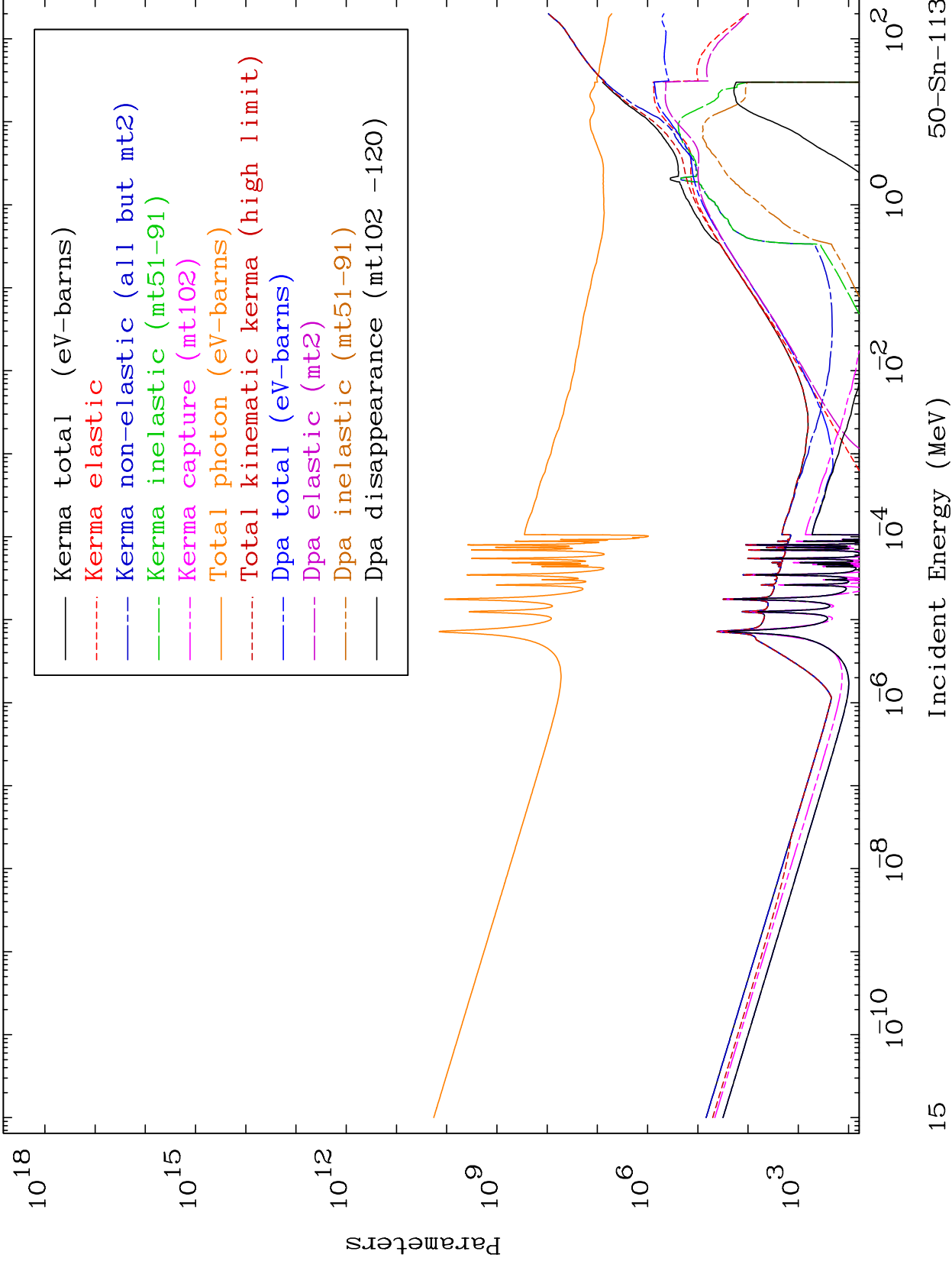
50-Sn-113

MAT 5029

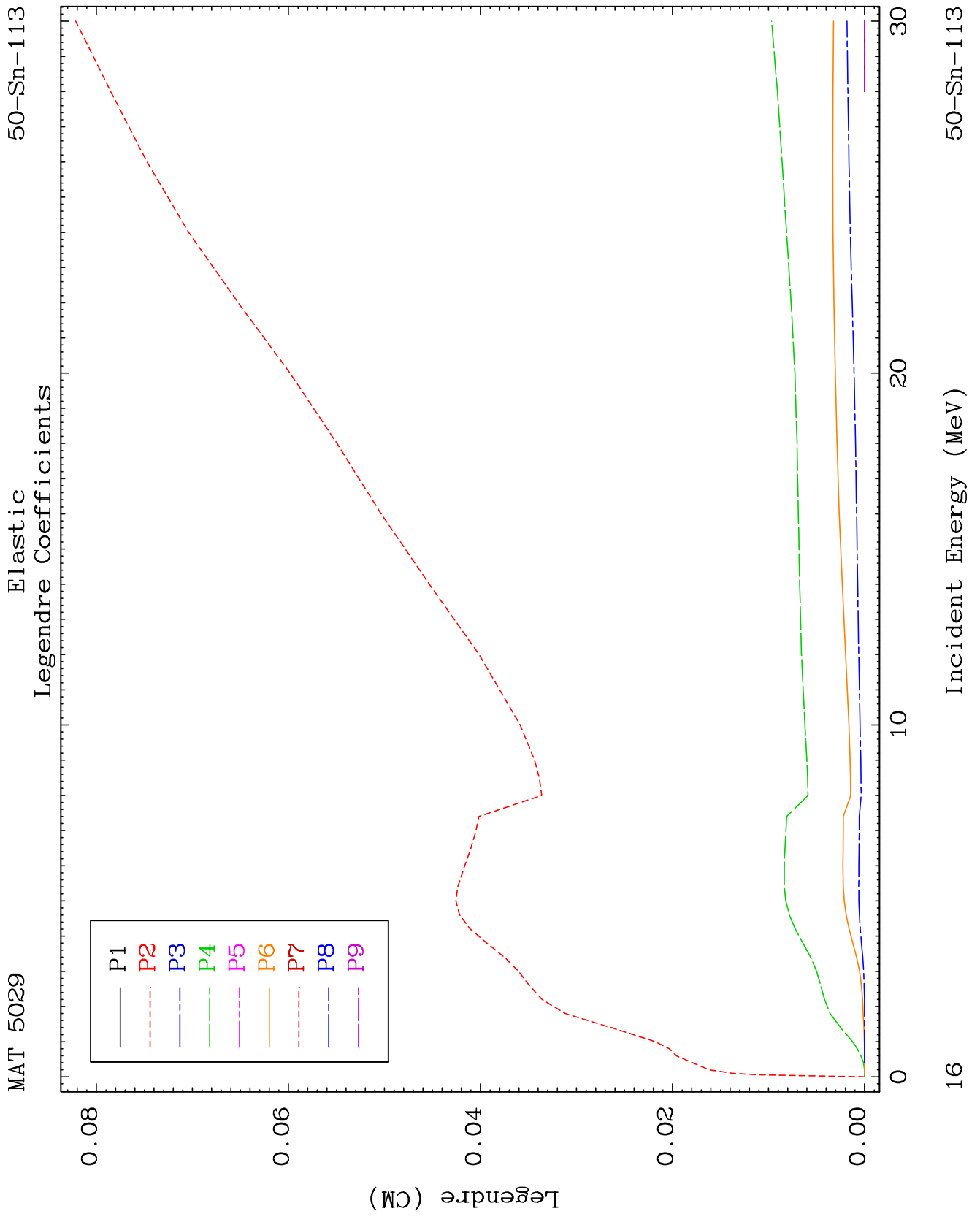
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

50-Sn-113





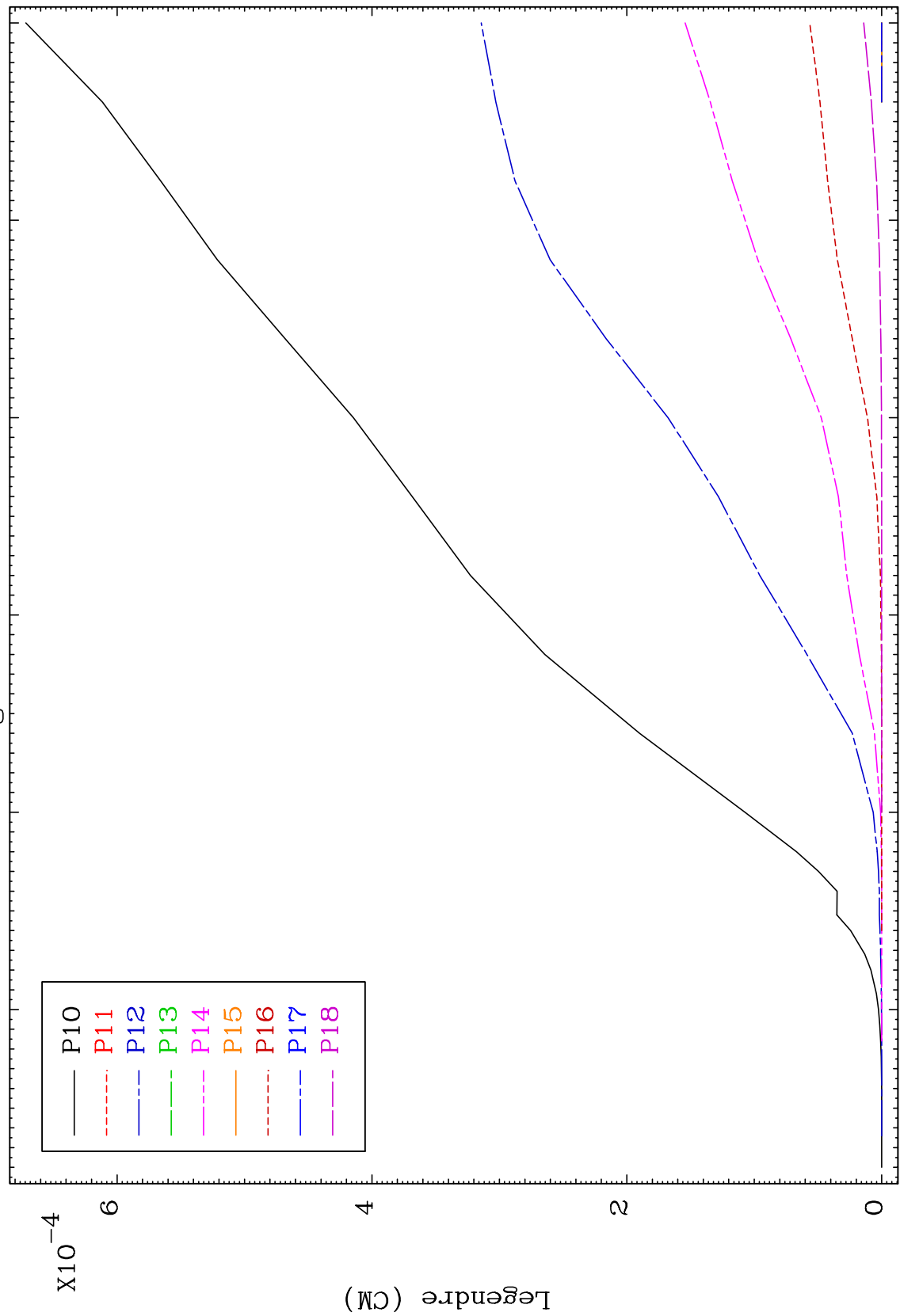




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Elastic Legendre Coefficients

50-Sn-113



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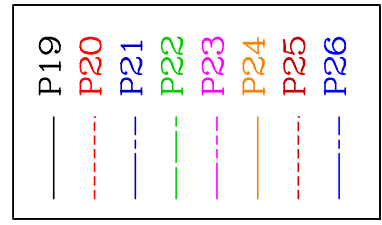
Incident Energy (MeV)

50-Sn-113

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Elastic Legendre Coefficients

50-Sn-113



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

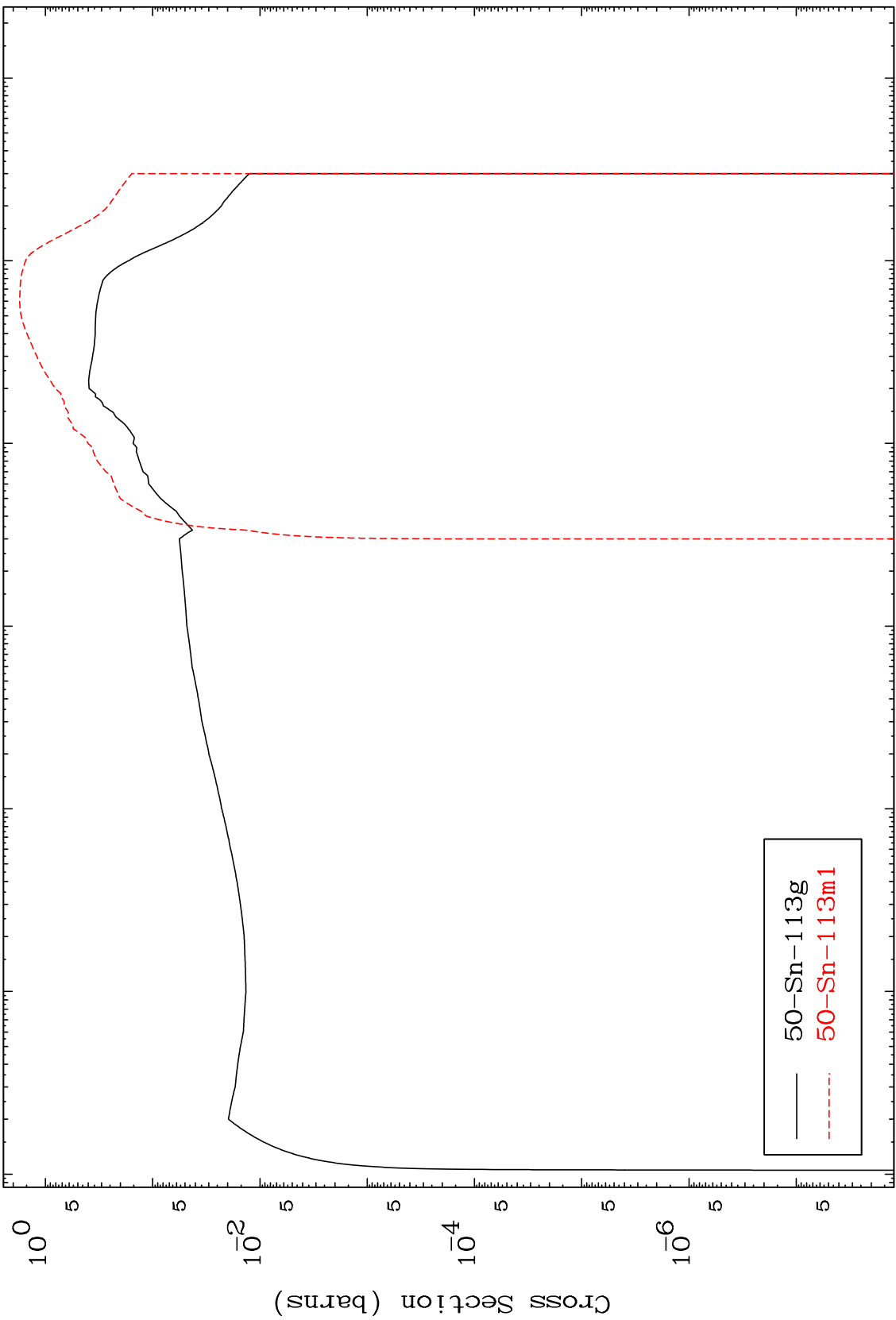
50-Sn-113



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50-Sn-113

Inelastic  
Radionuclide Production Cross Section



10<sup>0</sup>  
5  
10<sup>-2</sup>  
5  
10<sup>-4</sup>  
5  
10<sup>-6</sup>  
5

10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup>

50-Sn-113

Incident Energy (MeV)

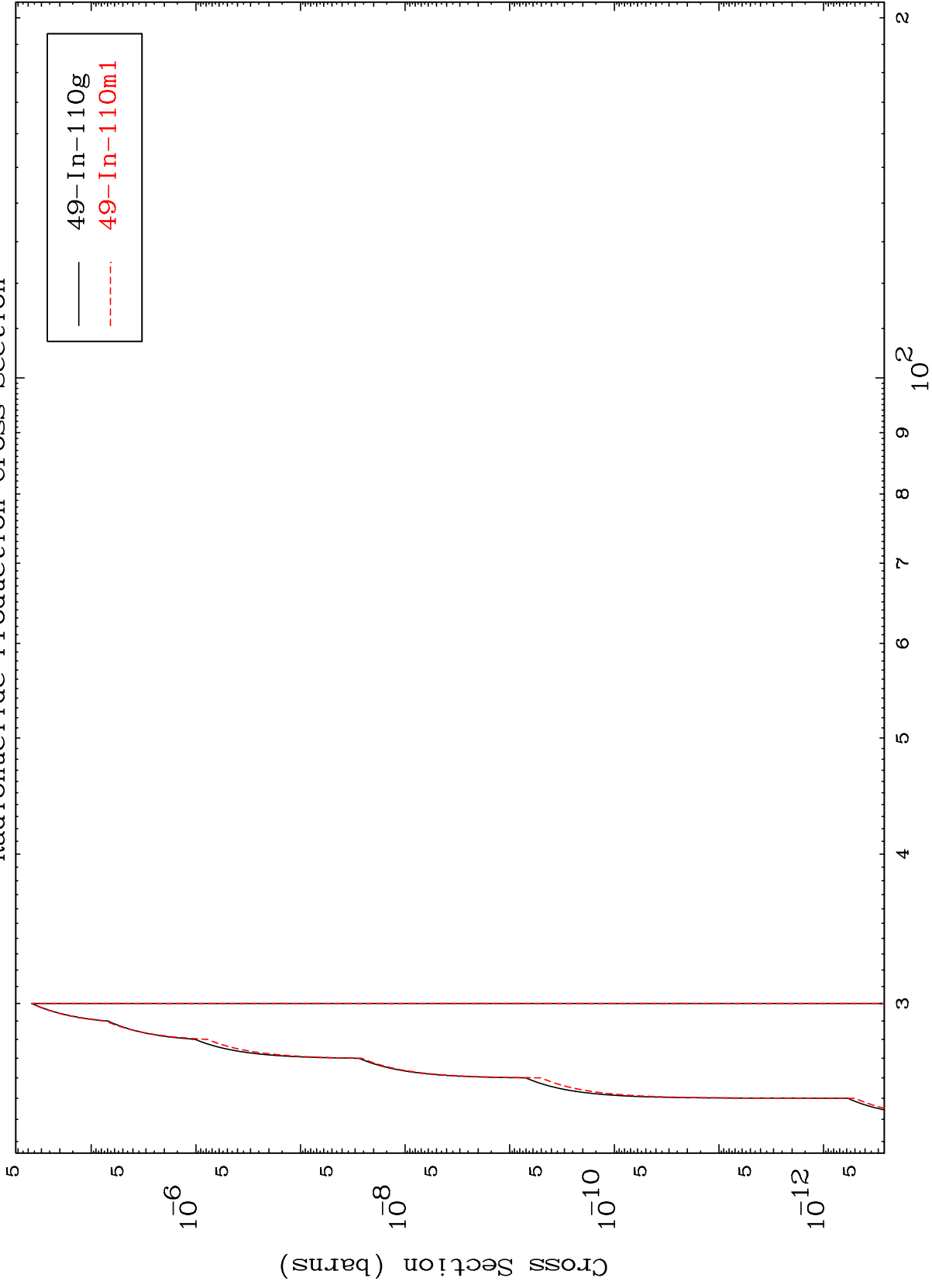
19

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(n,2n) d

50-Sn-113

Radionuclide Production Cross Section



20

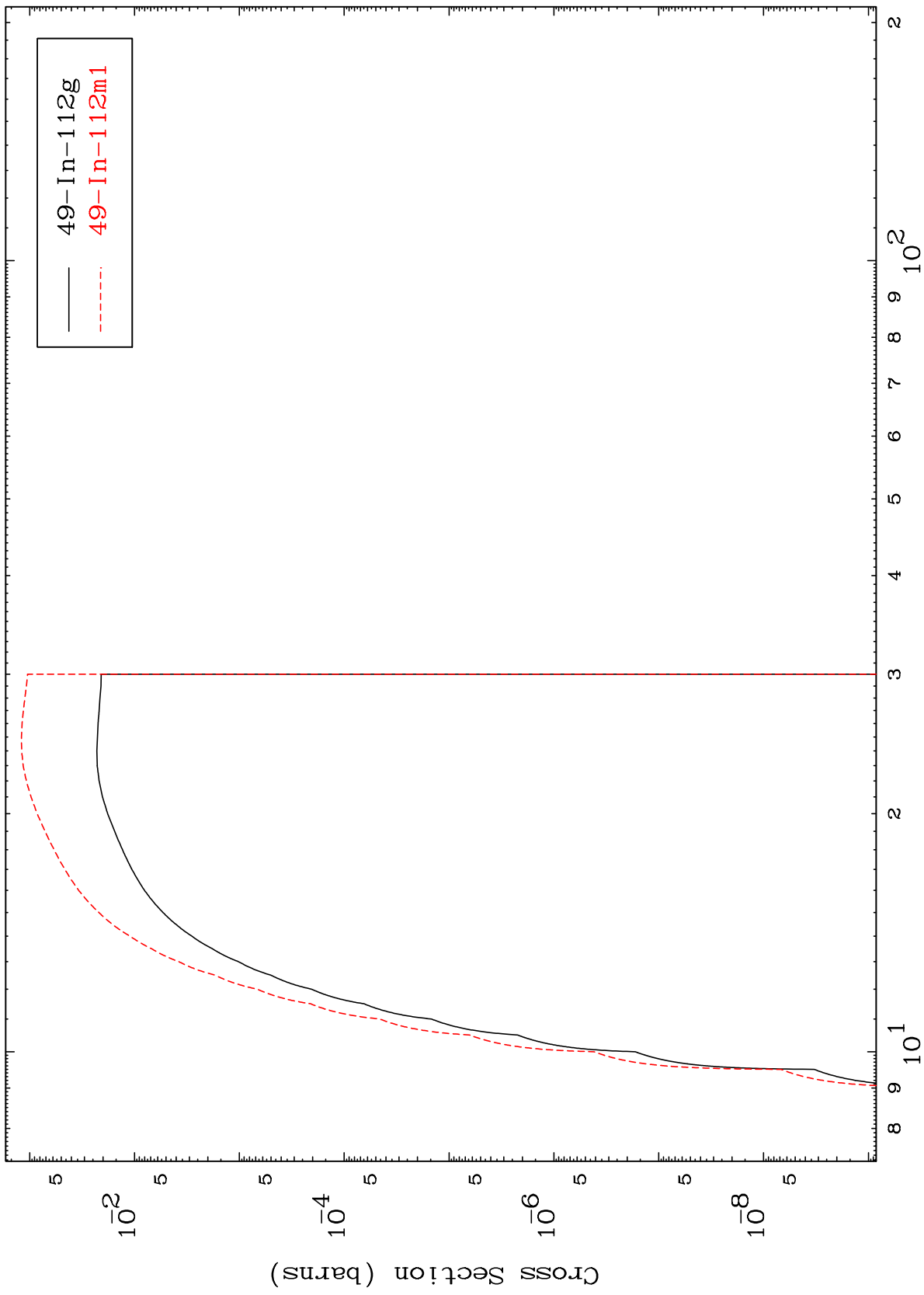
Incident Energy (MeV)

50-Sn-113

MAT 5029

50-Sn-113

(n,n') p  
Radionuclide Production Cross Section



50-Sn-113

Incident Energy (MeV)

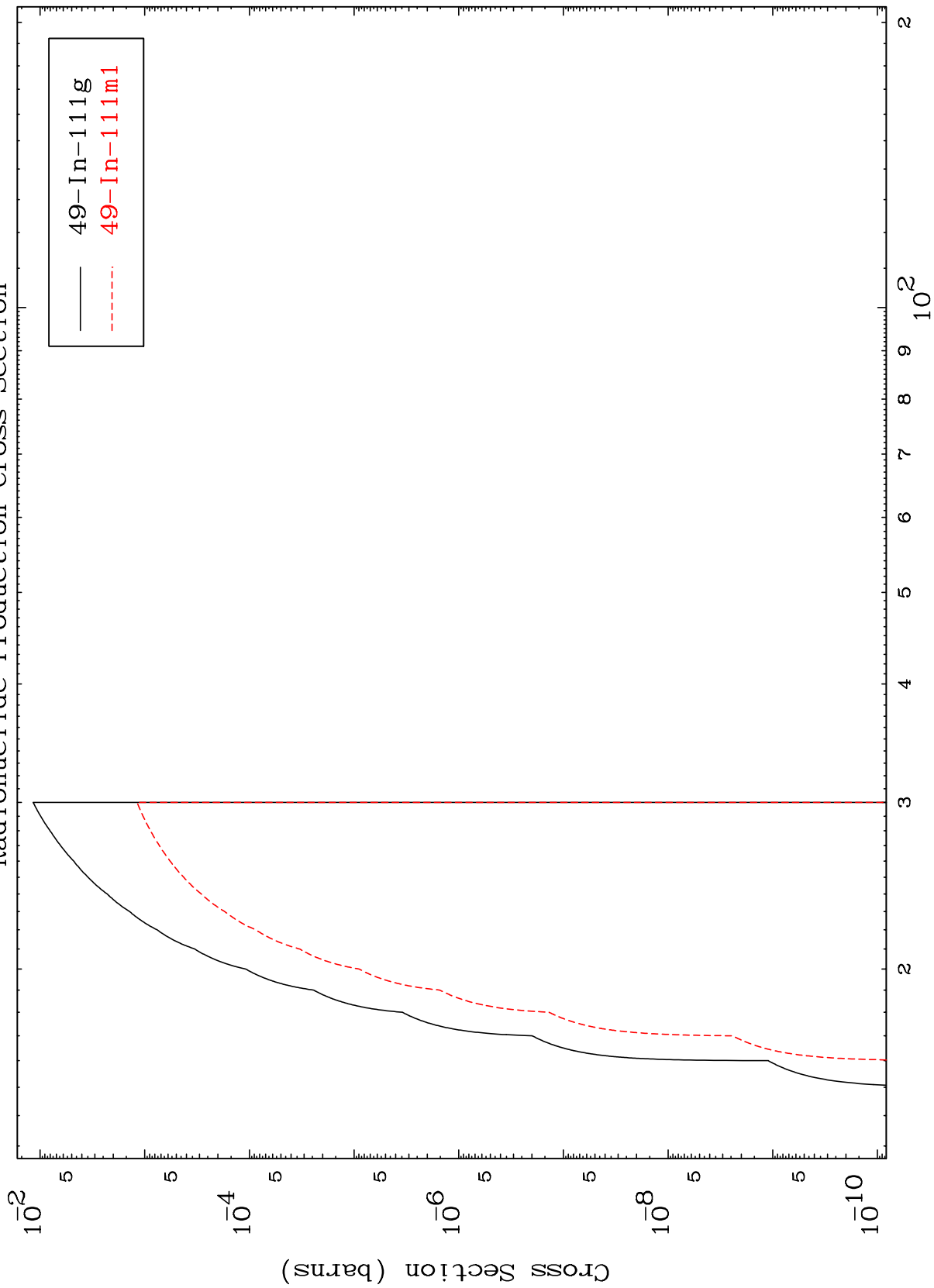
21

MAT 5029

(n,n') d

50-Sn-113

Radionuclide Production Cross Section

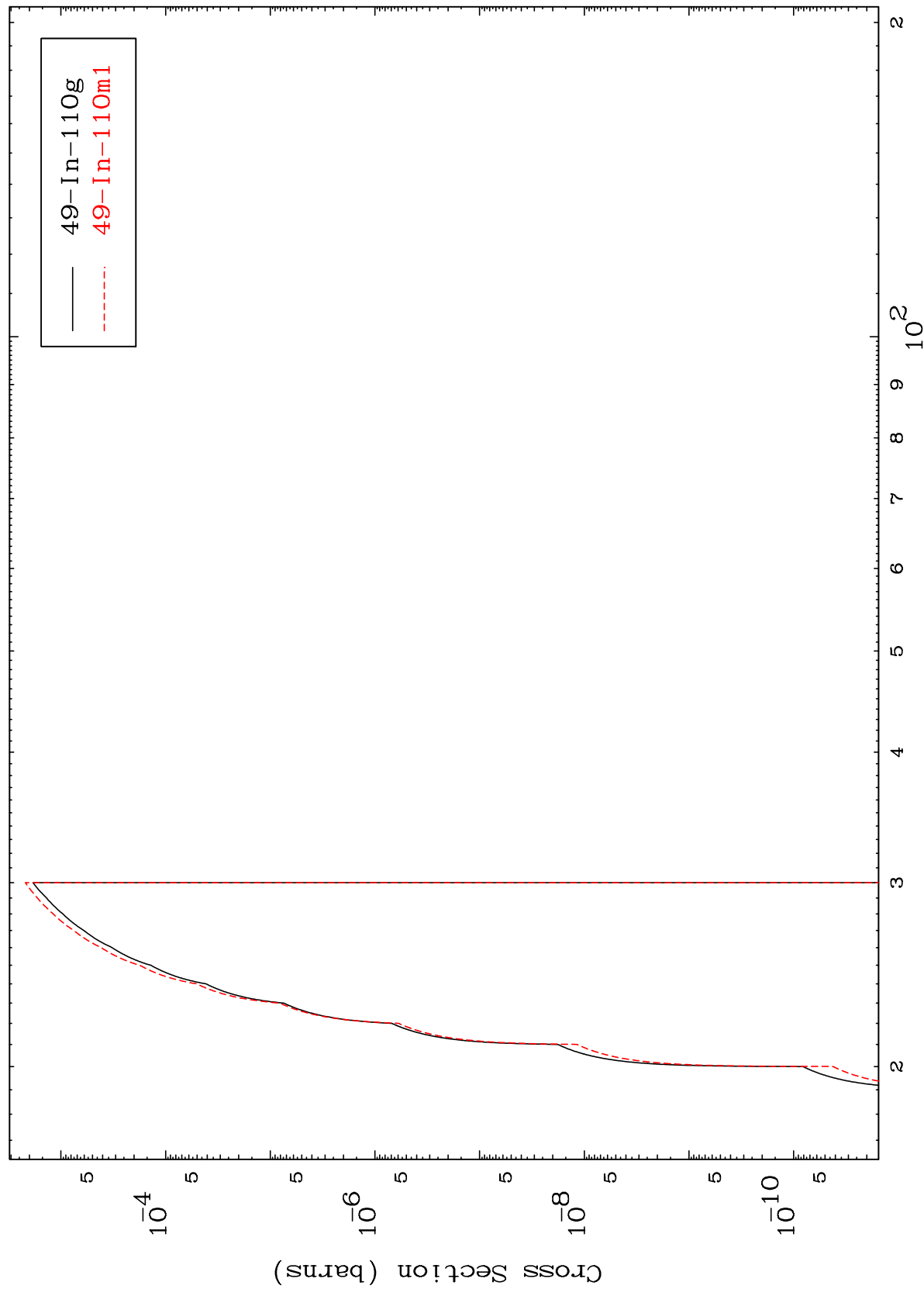


22

Incident Energy (MeV)

50-Sn-113

Radionuclide Production Cross Section



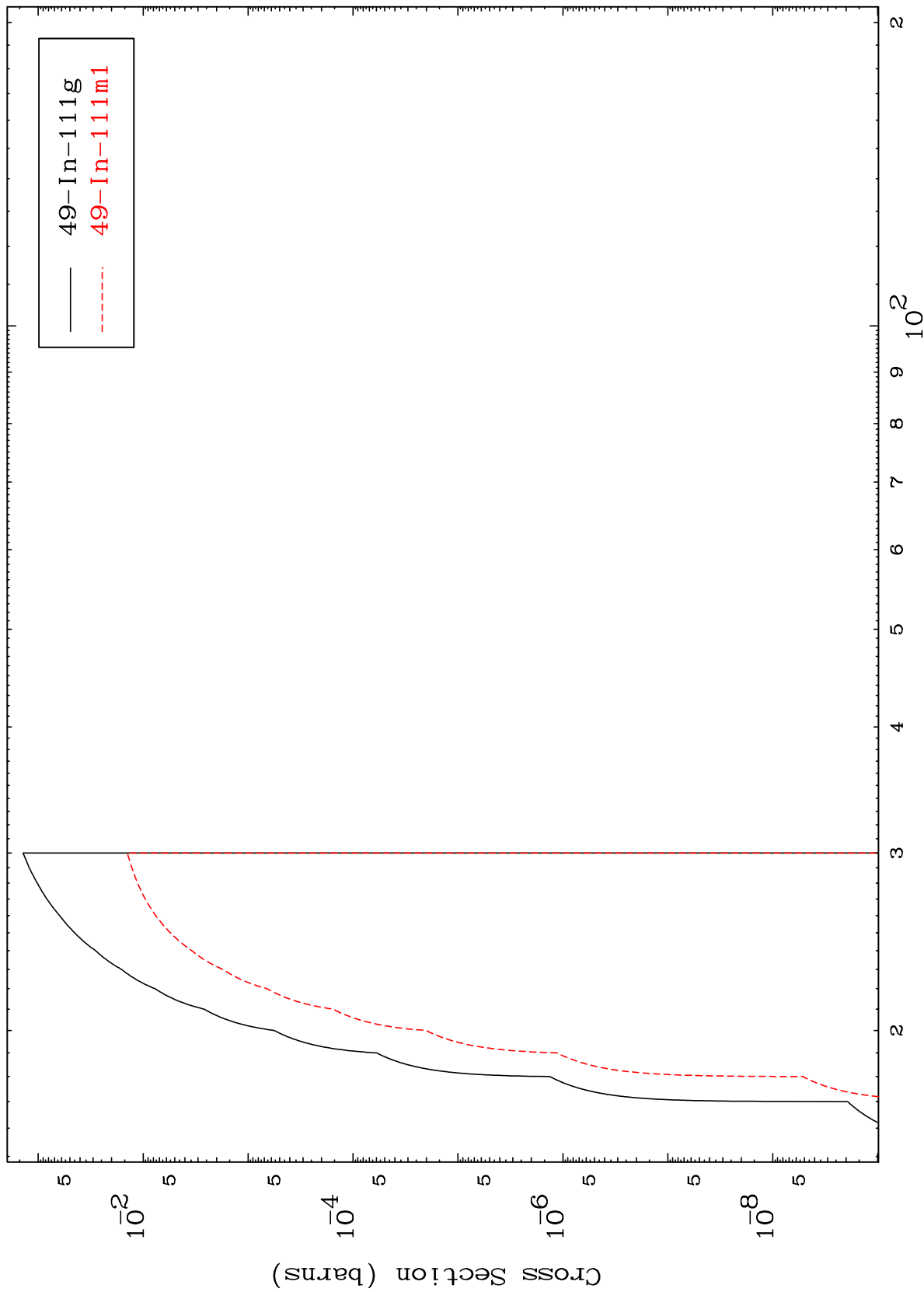


MAT 5029

(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



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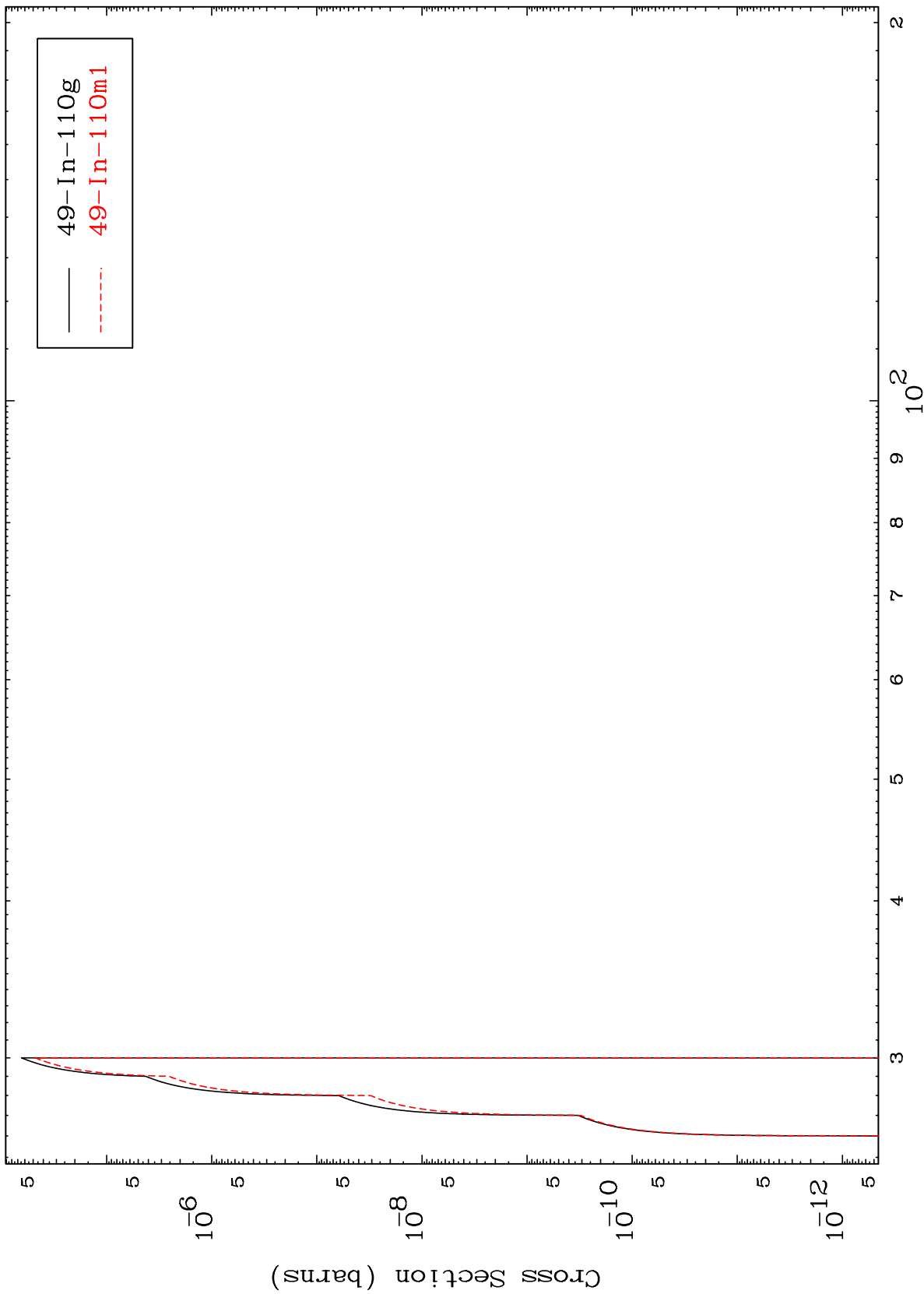
Incident Energy (MeV)

50-Sn-113

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50-Sn-113

(n,3n) p  
Radionuclide Production Cross Section



50-Sn-113

Incident Energy (MeV)

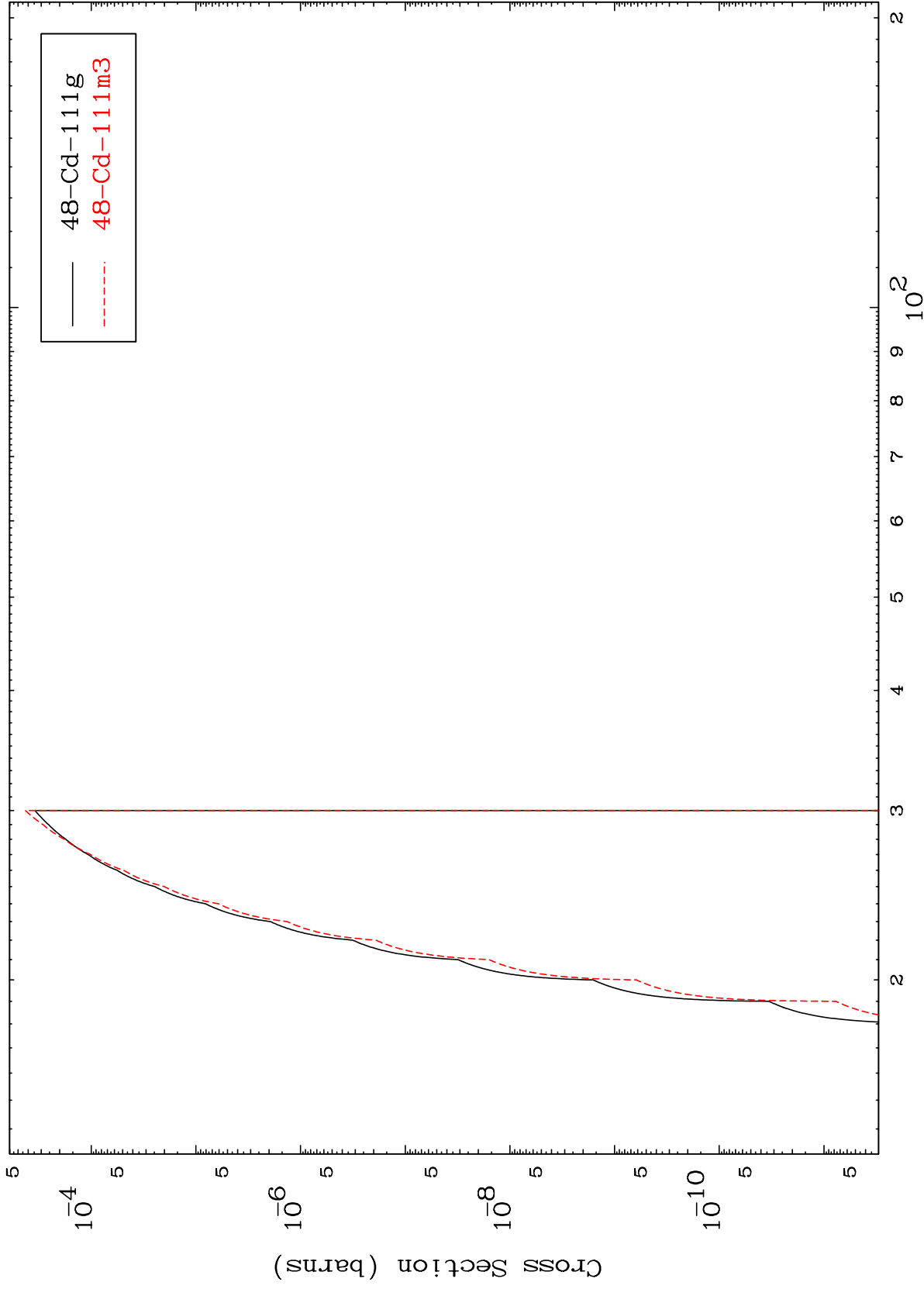
25

MAT 5029

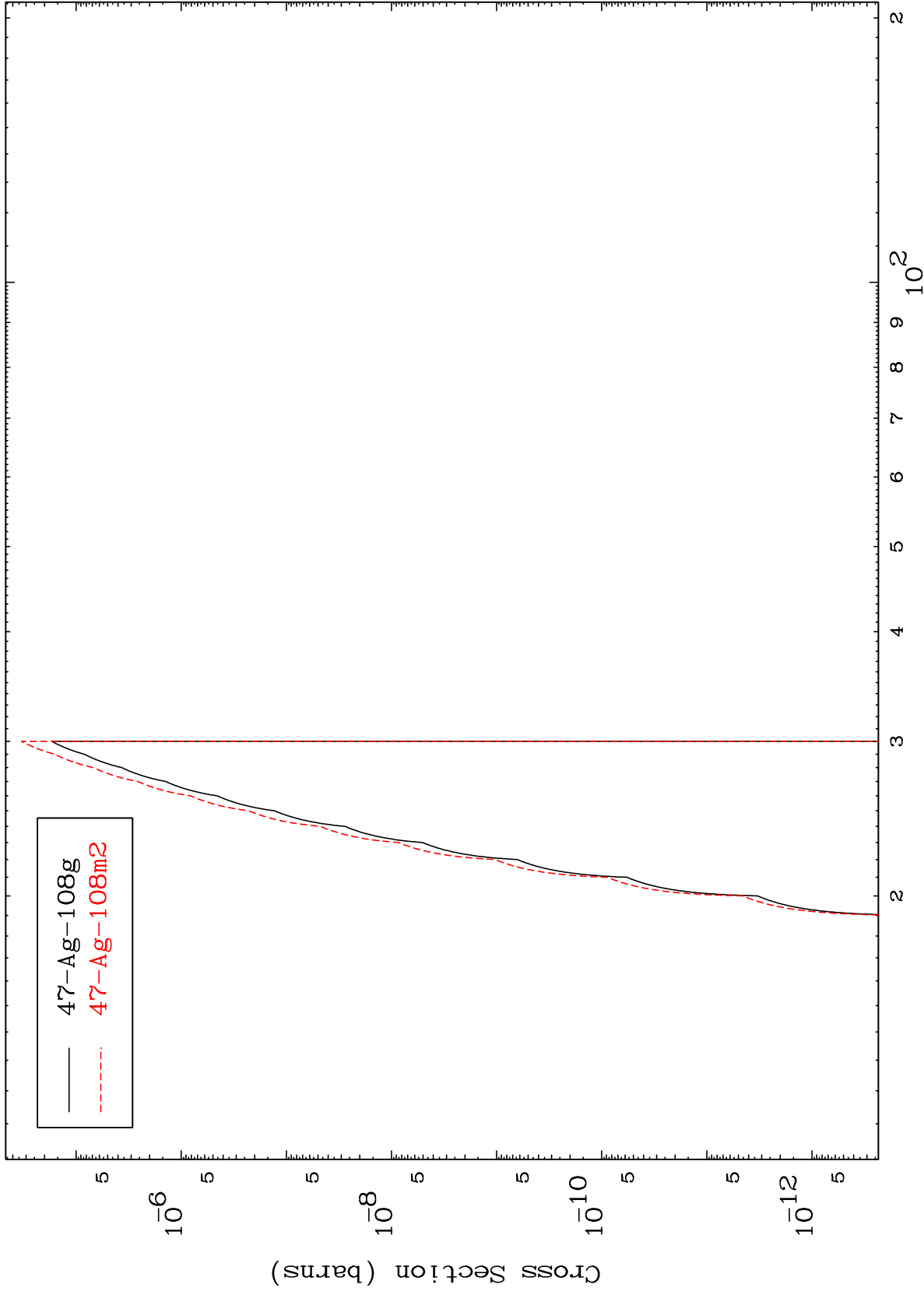
(n,2n) p

50-Sn-113

Radionuclide Production Cross Section



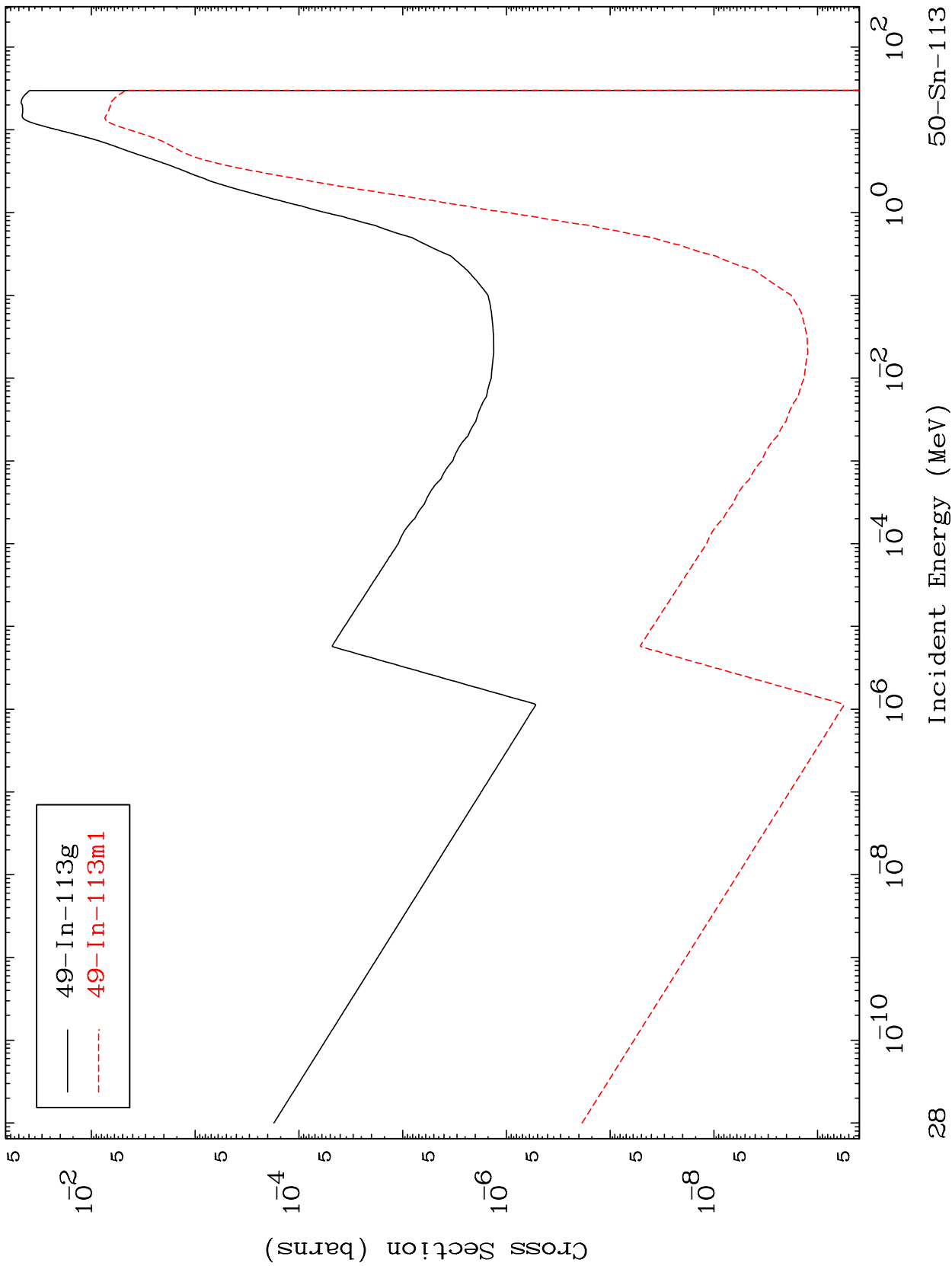
(n,n') p  $\alpha$   
Radionuclide Production Cross Section



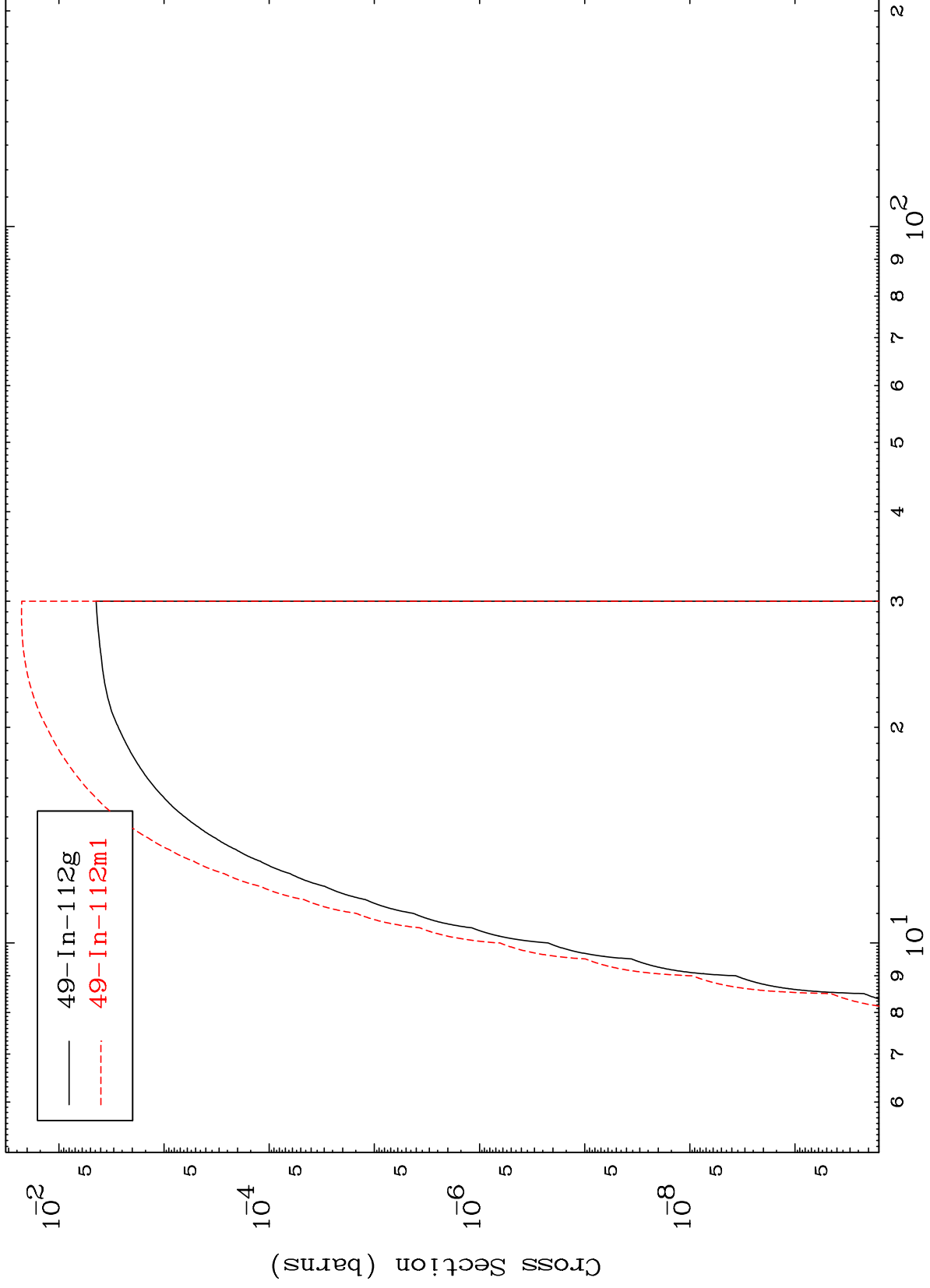
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50-Sn-113

(n,p)  
Radionuclide Production Cross Section



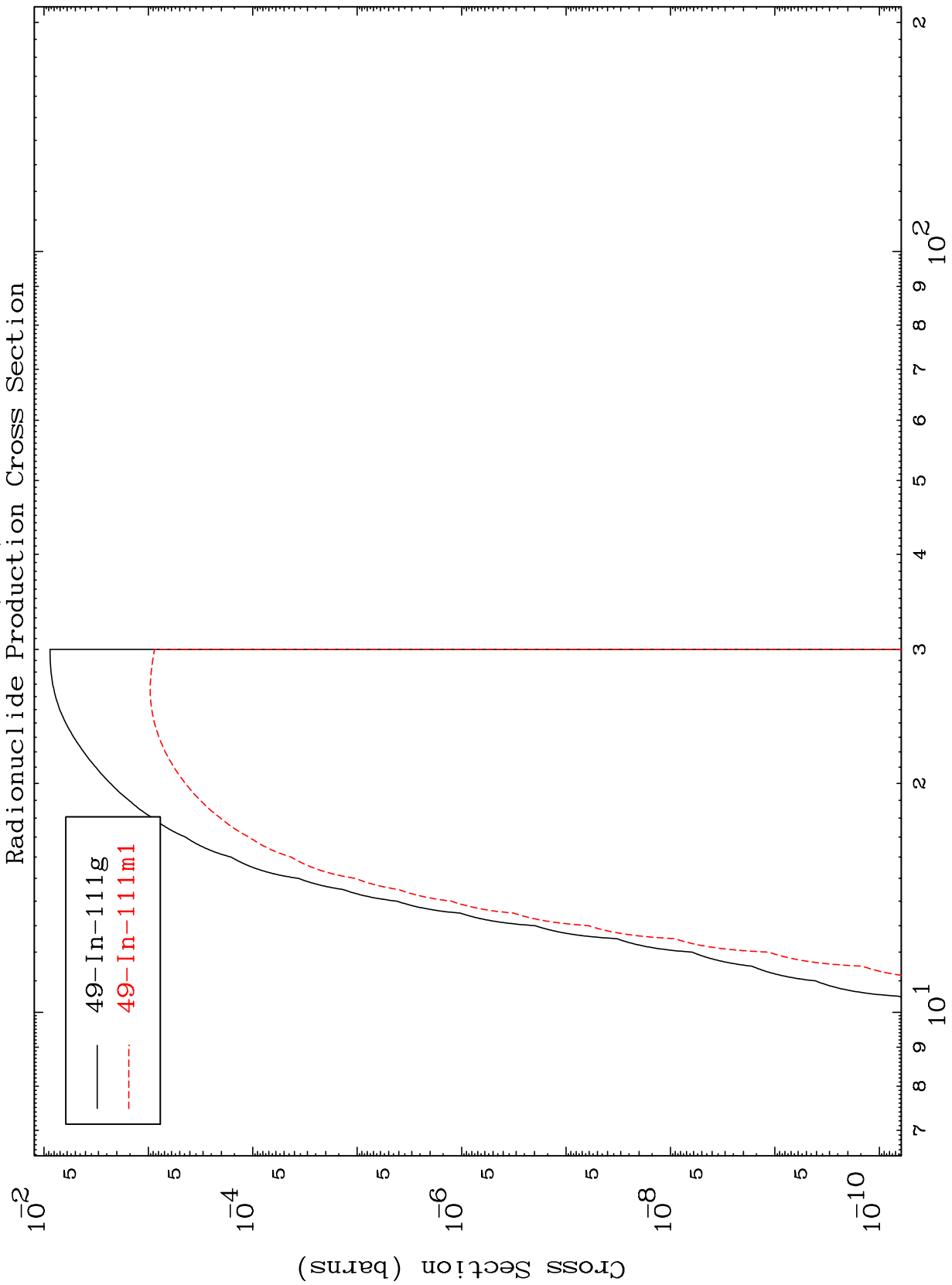
(n,d)  
Radionuclide Production Cross Section



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50-Sn-113

(n,t)  
Radionuclide Production Cross Section

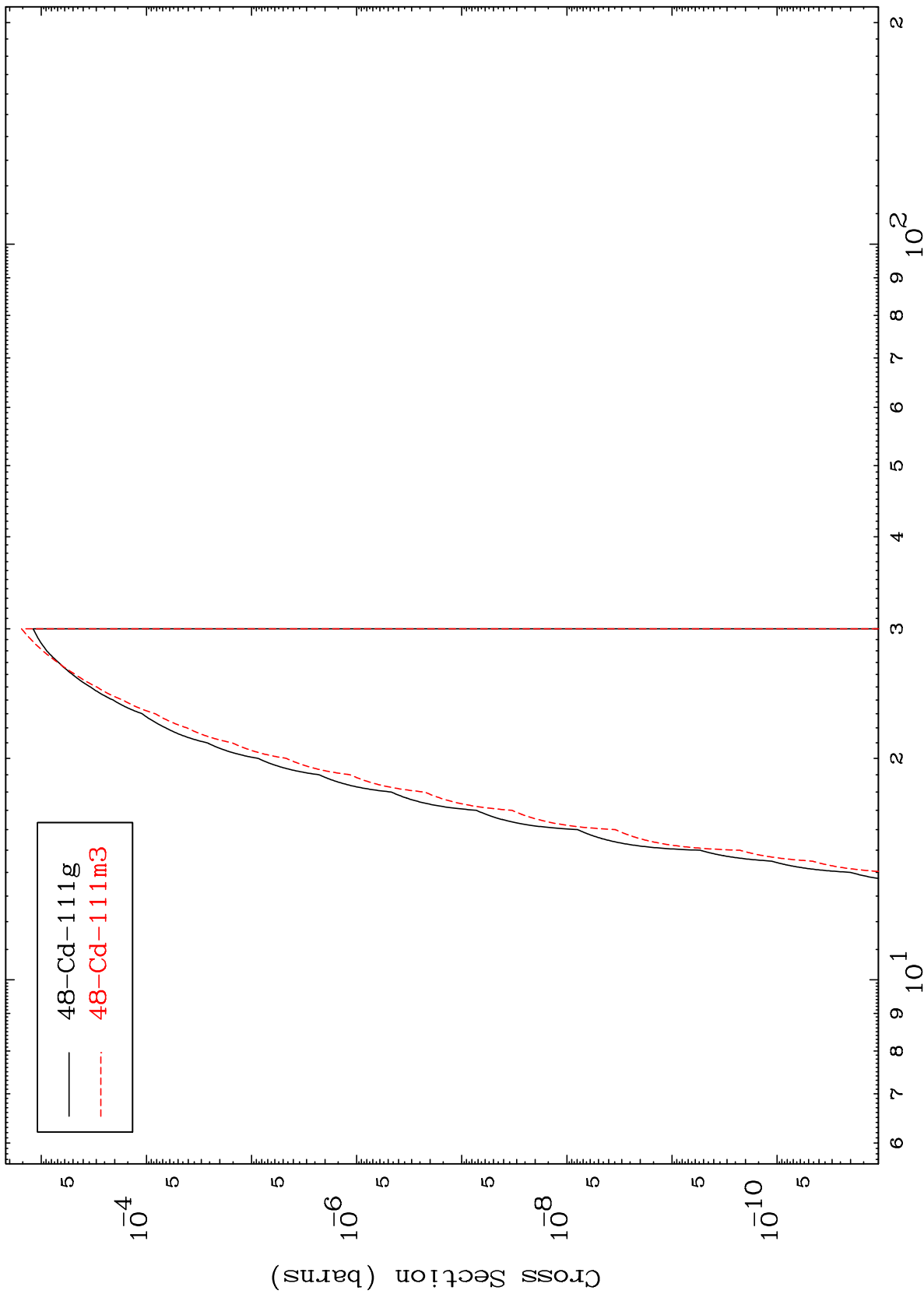


30

Incident Energy (MeV)

50-Sn-113

Radionuclide Production Cross Section  
(n,He-3)



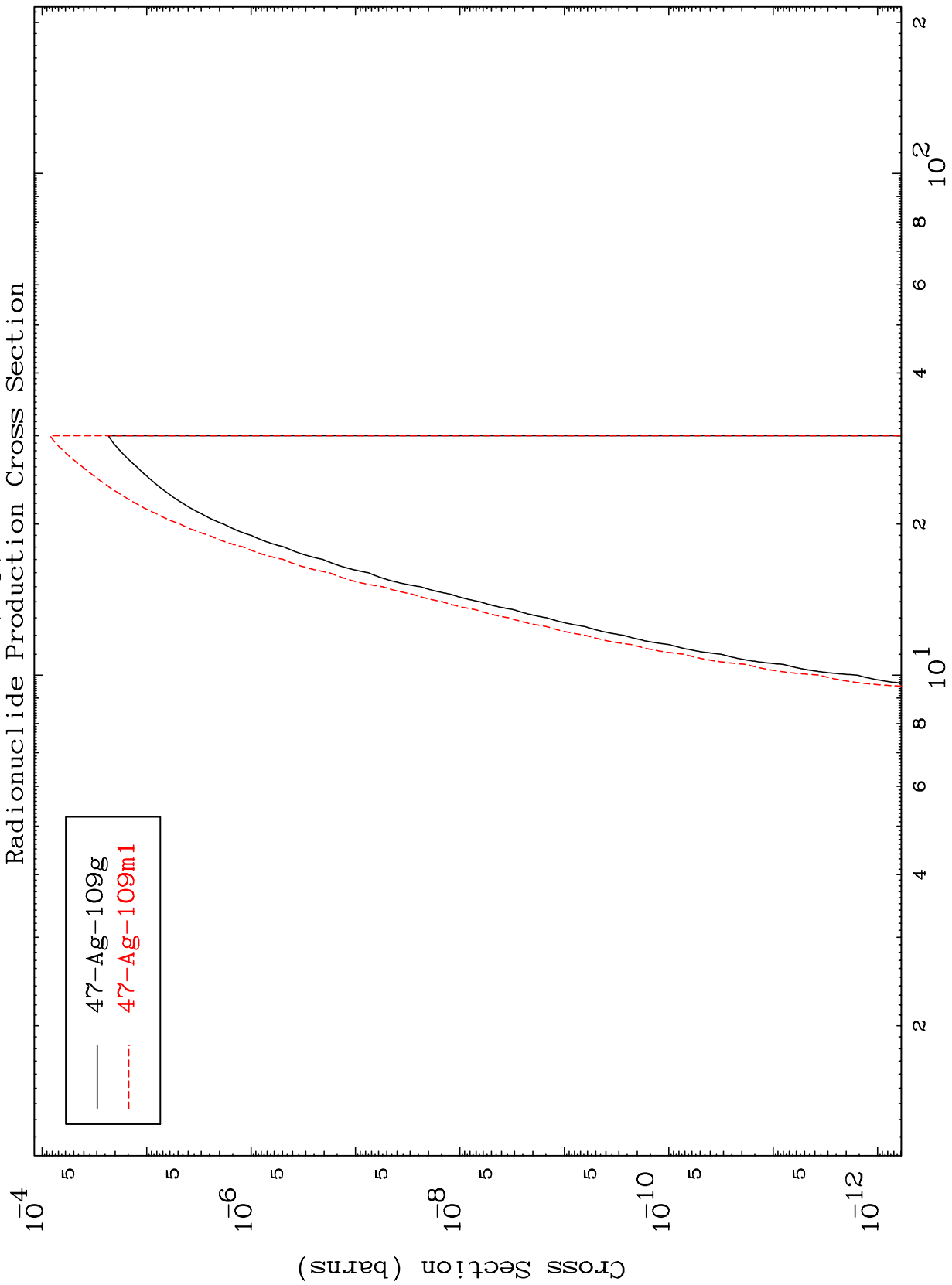


MAT 5029

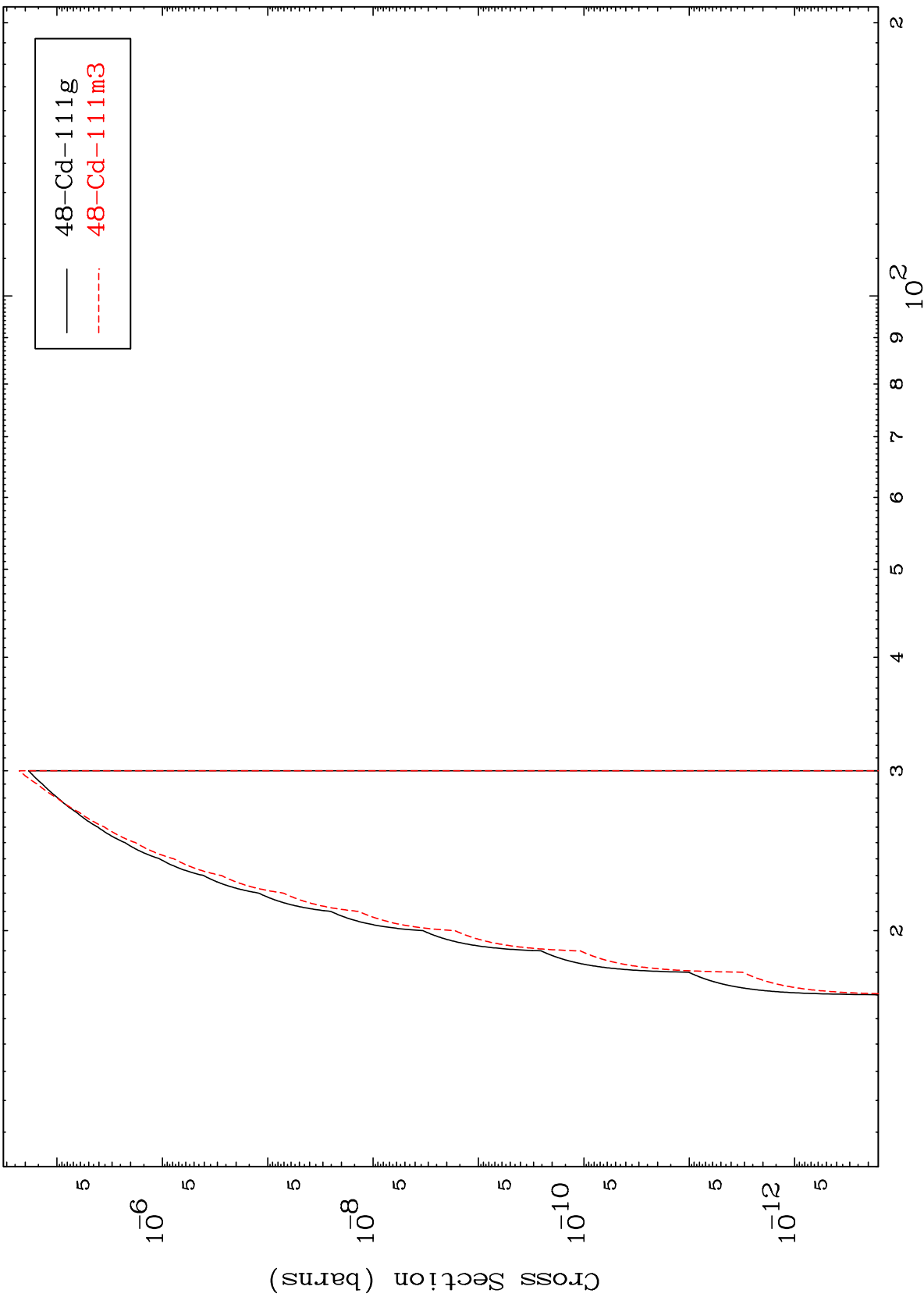
(n,p)  $\alpha$

50-Sn-113

Radionuclide Production Cross Section



Radionuclide Production Cross Section

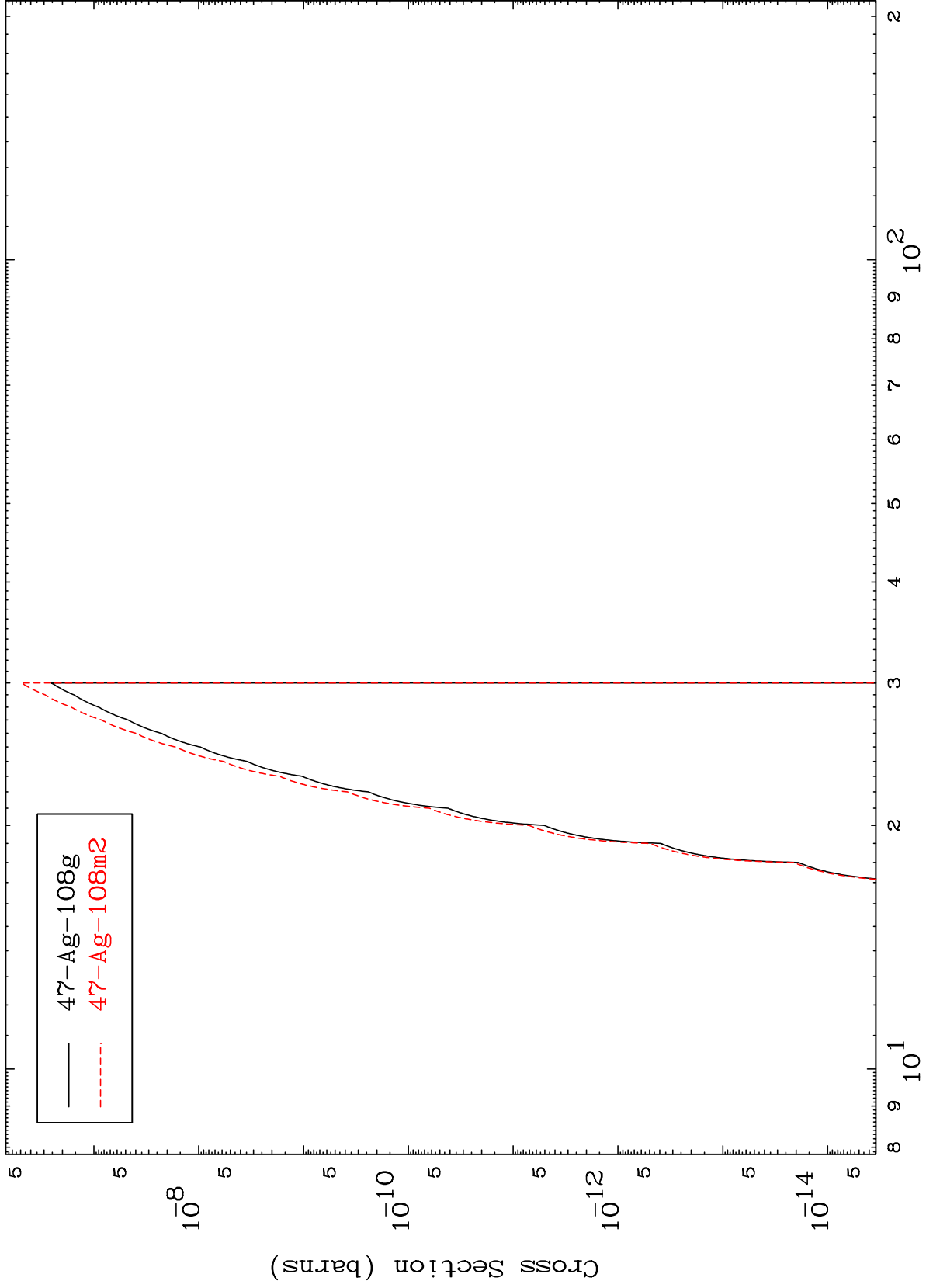


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(n,d)  $\alpha$

50-Sn-113

Radionuclide Production Cross Section



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Incident Energy (MeV)

50-Sn-113