

Program EVALPLOT  
(Version 2015-2)

by

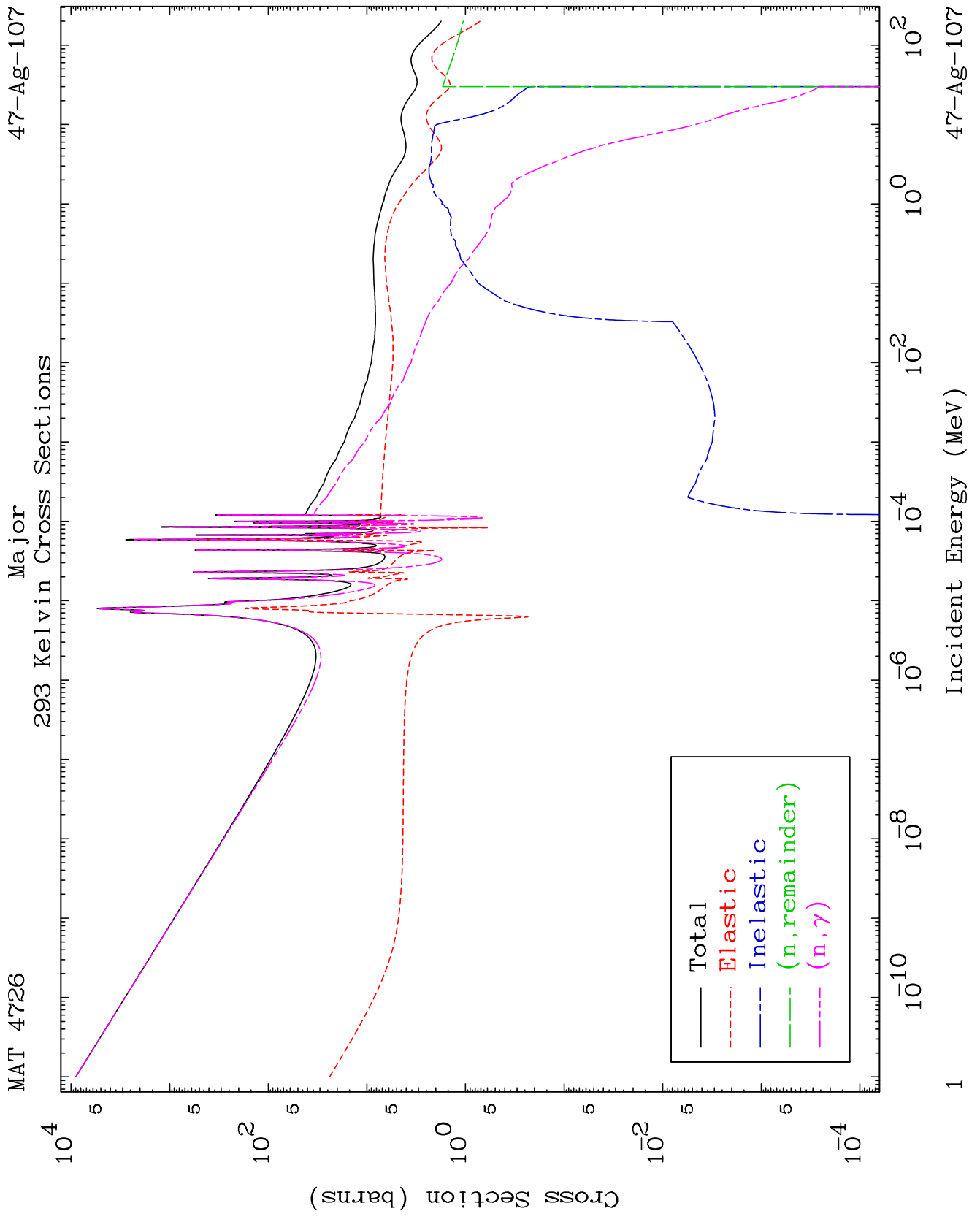
Dermott E. Cullen  
(Present Contact Information)

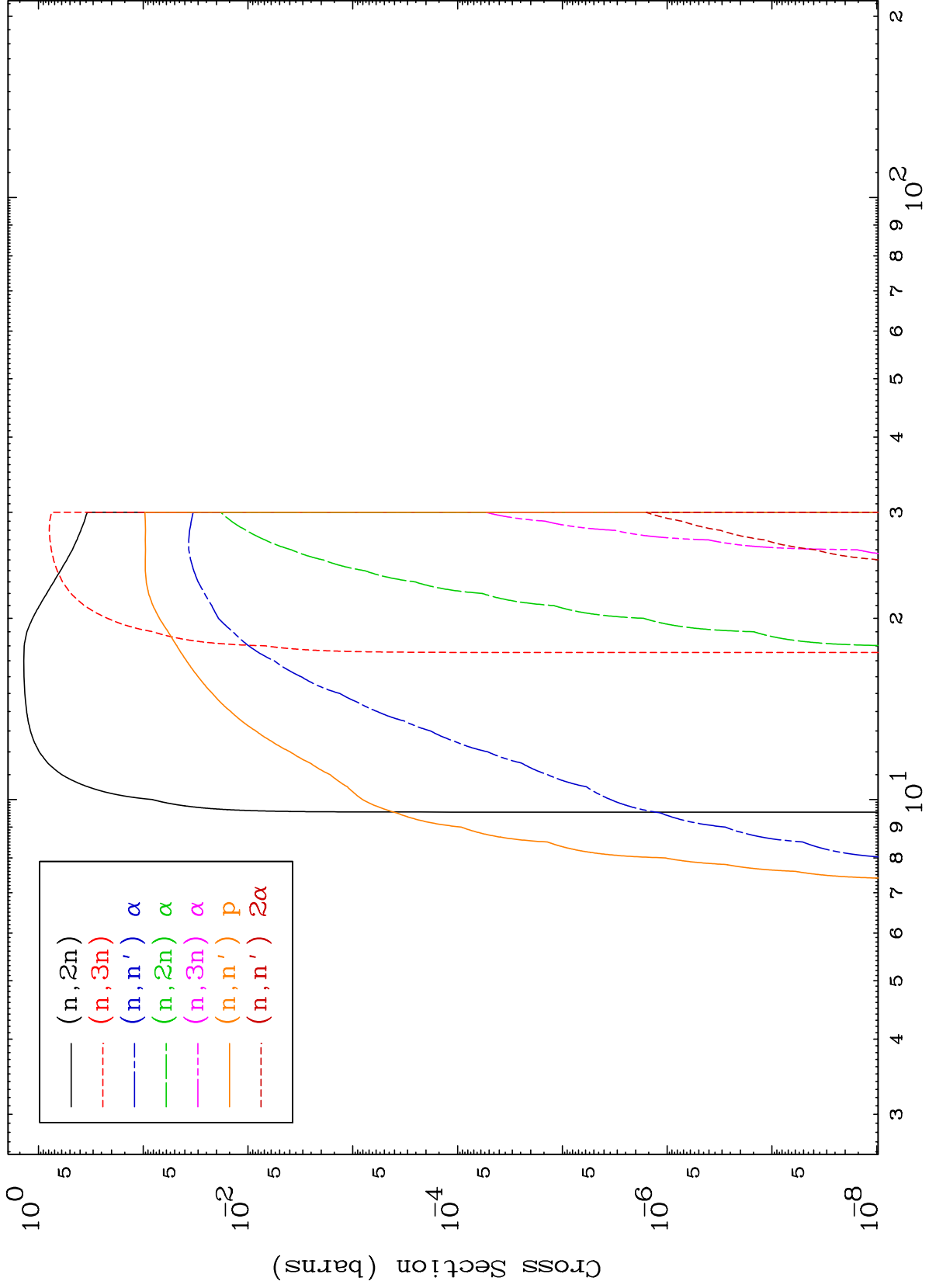
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

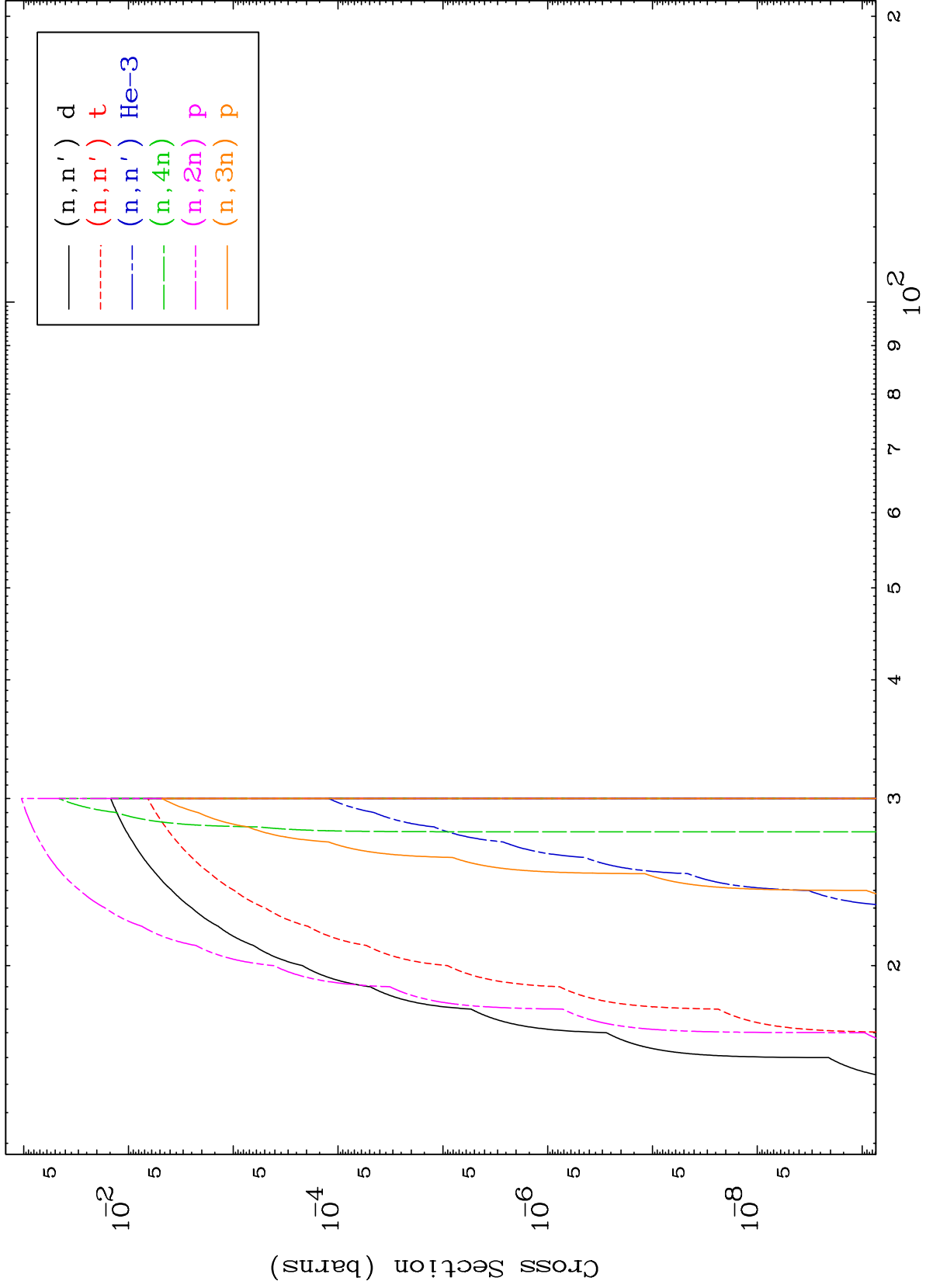
Tele: 925-443-1911

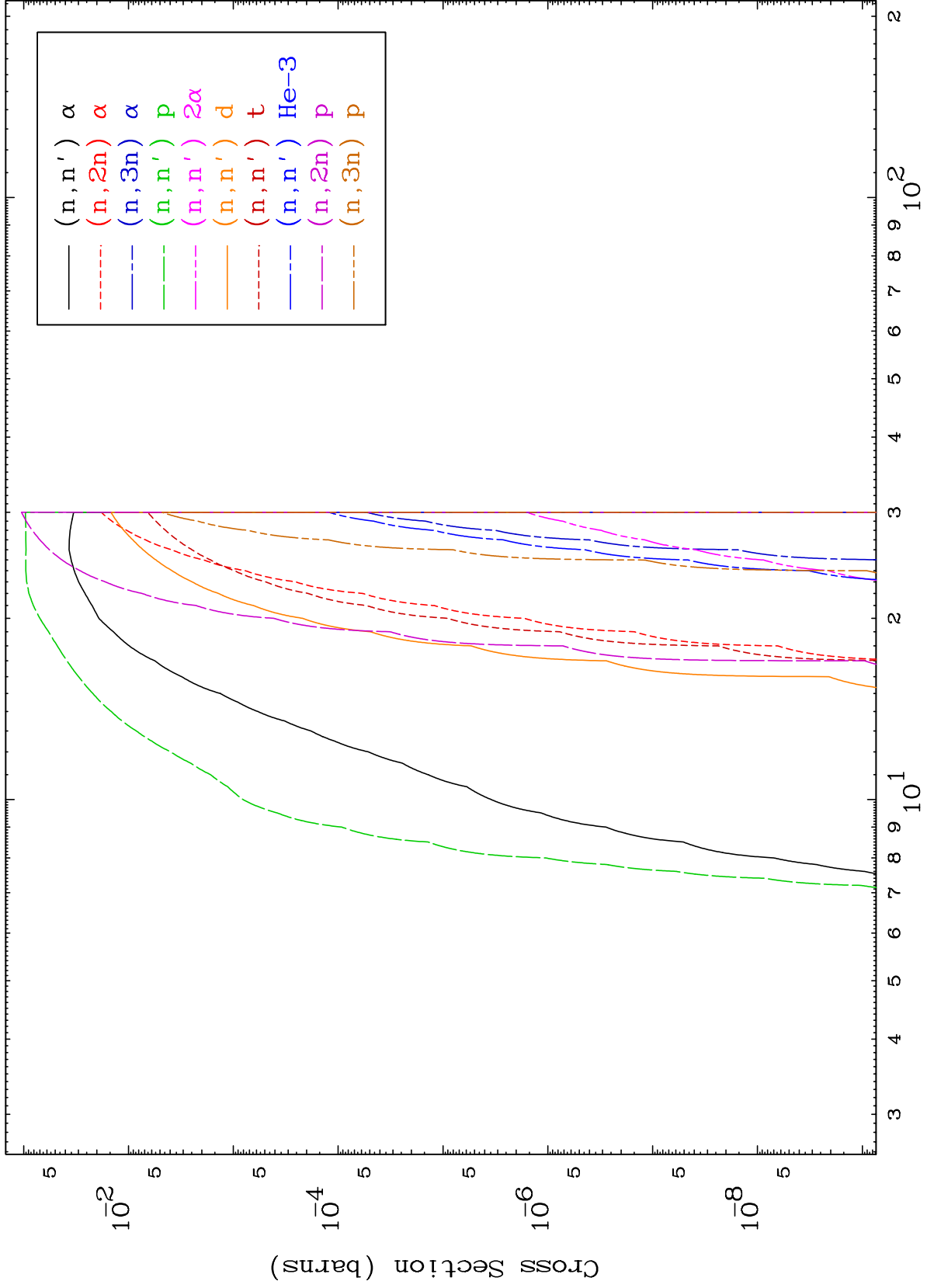
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





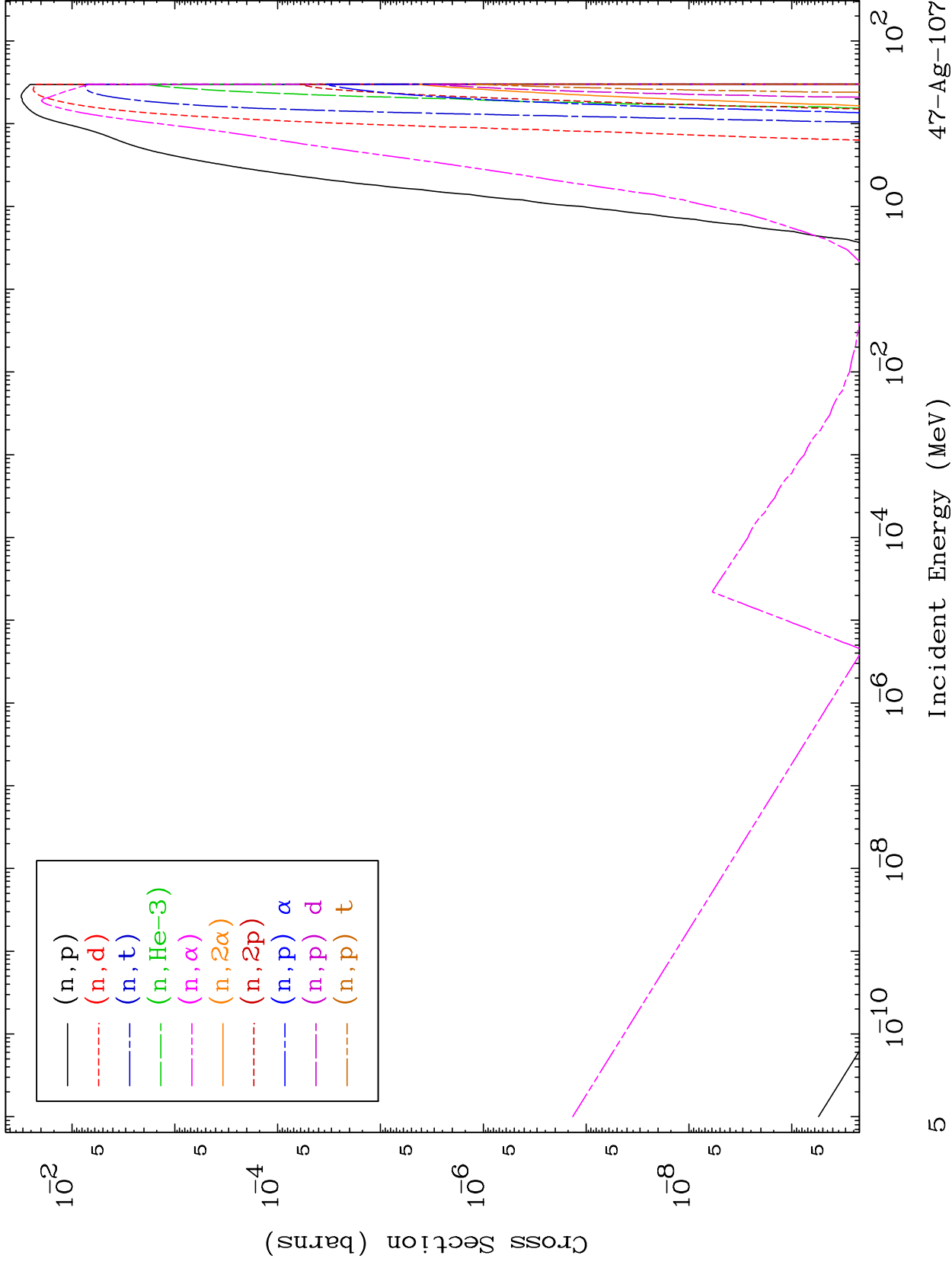




MAT 4726

Charged Particle  
293 Kelvin Cross Sections

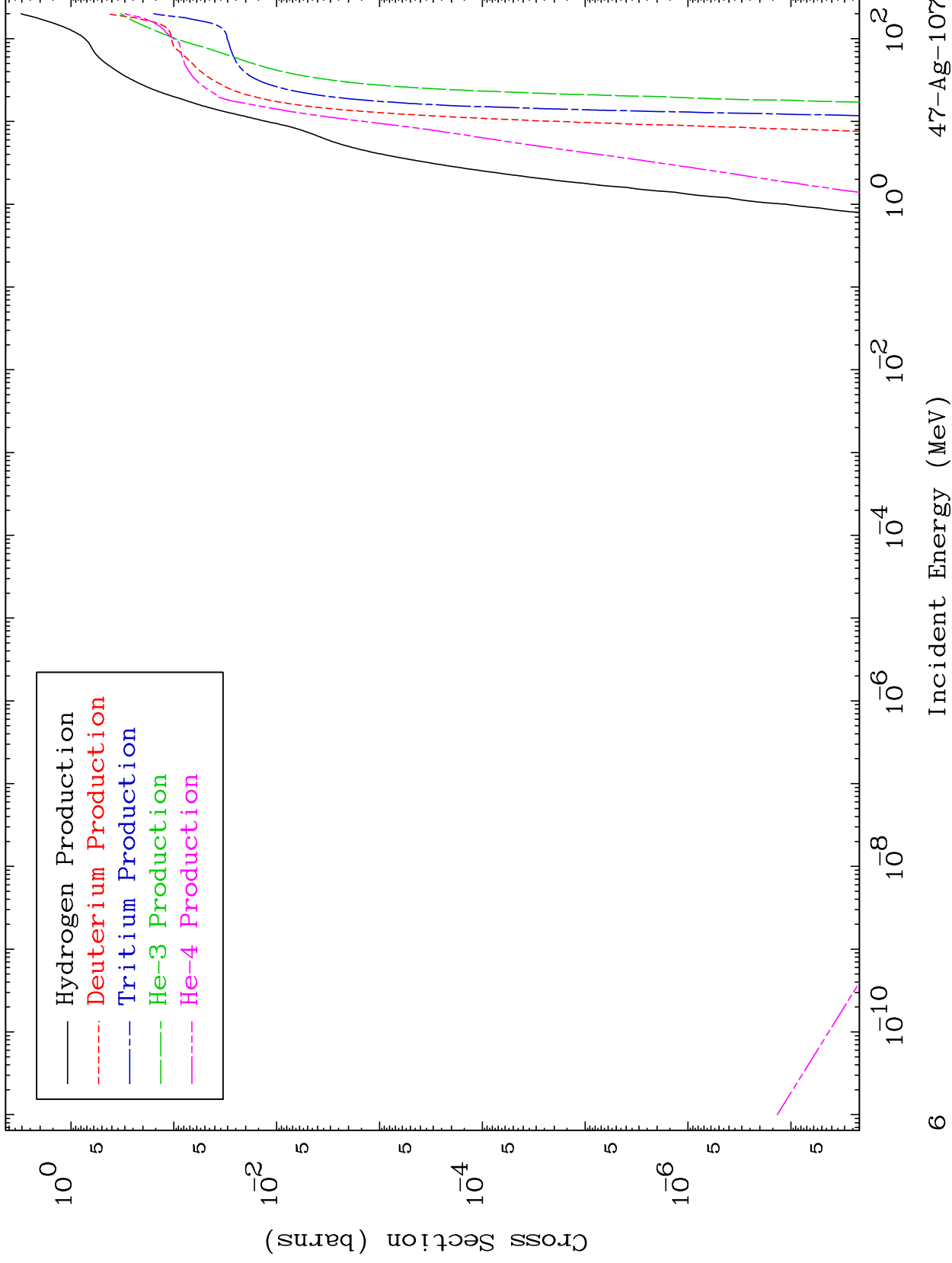
47-Ag-107



MAT 4726

Particle Production  
293 Kelvin Cross Sections

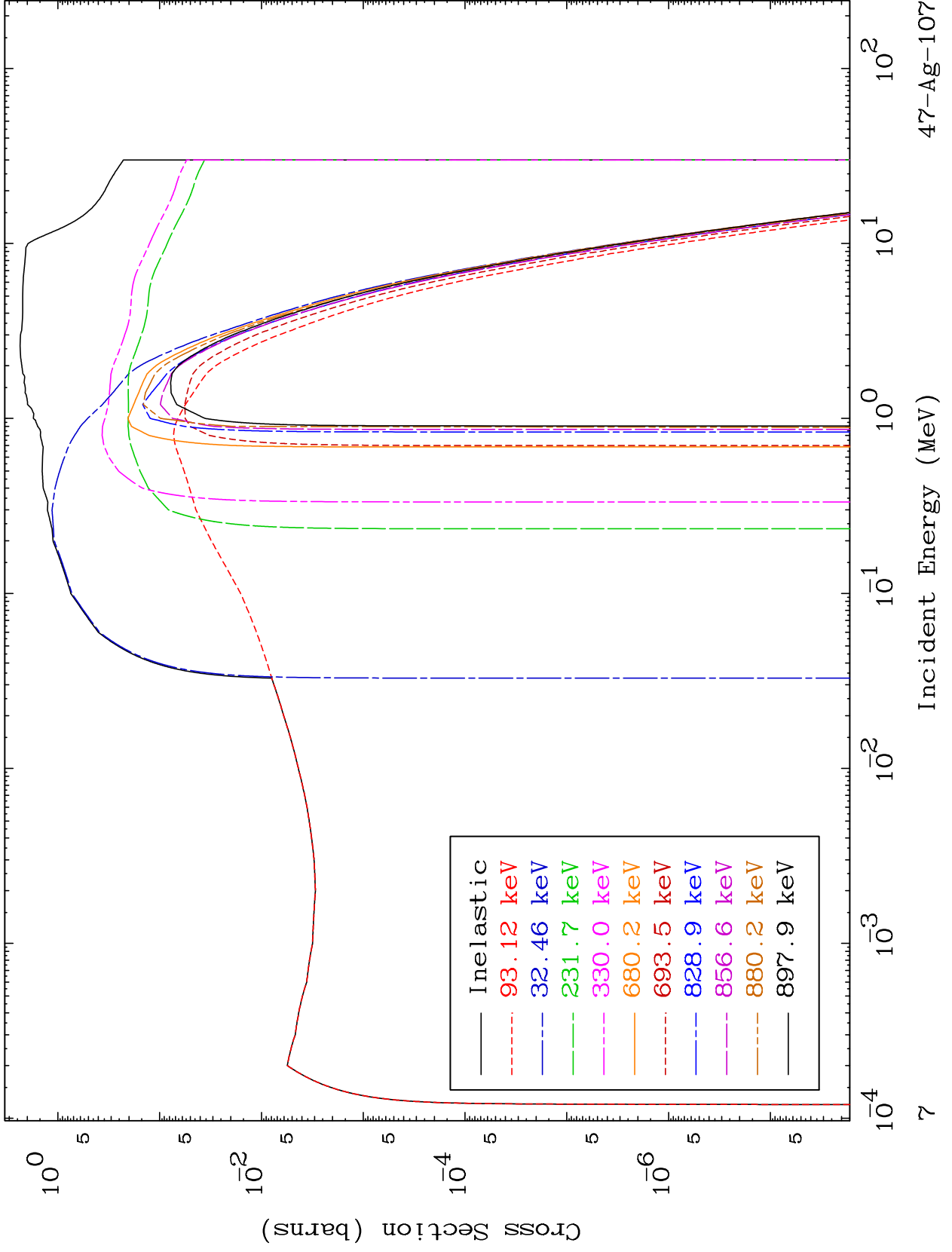
47-Ag-107



MAT 4726

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-107

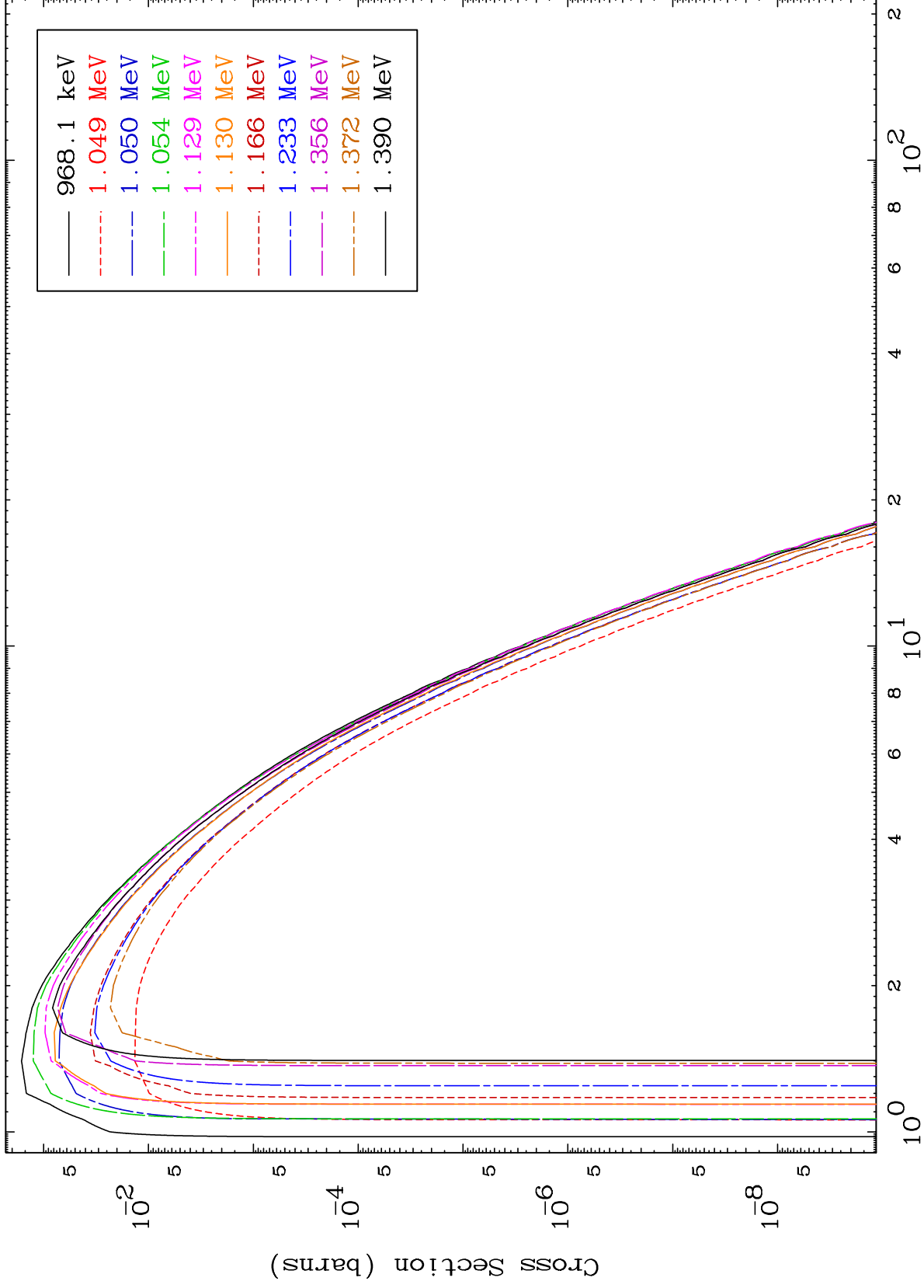




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(n,n') Level  
293 Kelvin Cross Sections

47-Ag-107



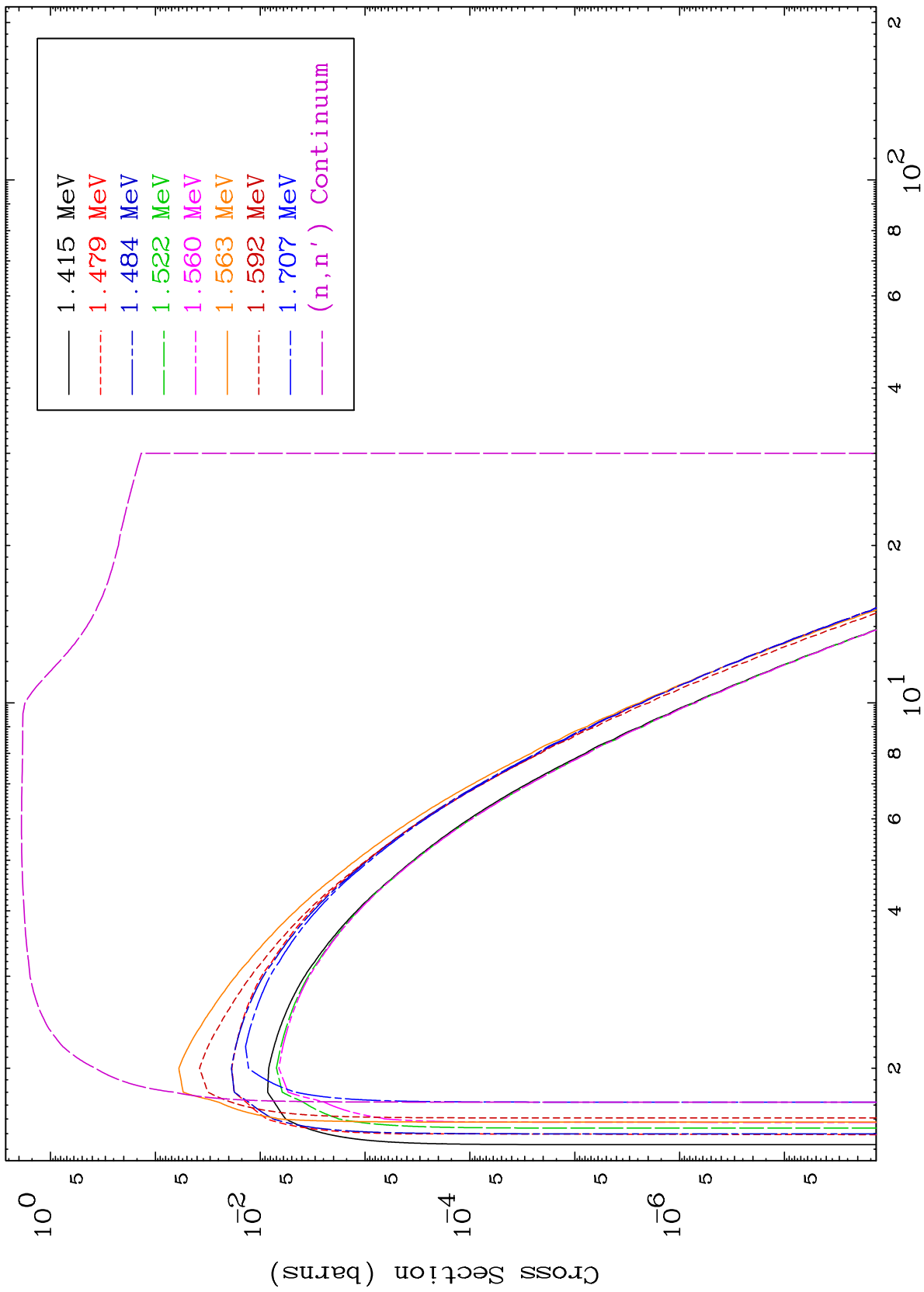
Incident Energy (MeV)

47-Ag-107

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47-Ag-107

(n,n') Level  
293 Kelvin Cross Sections



9

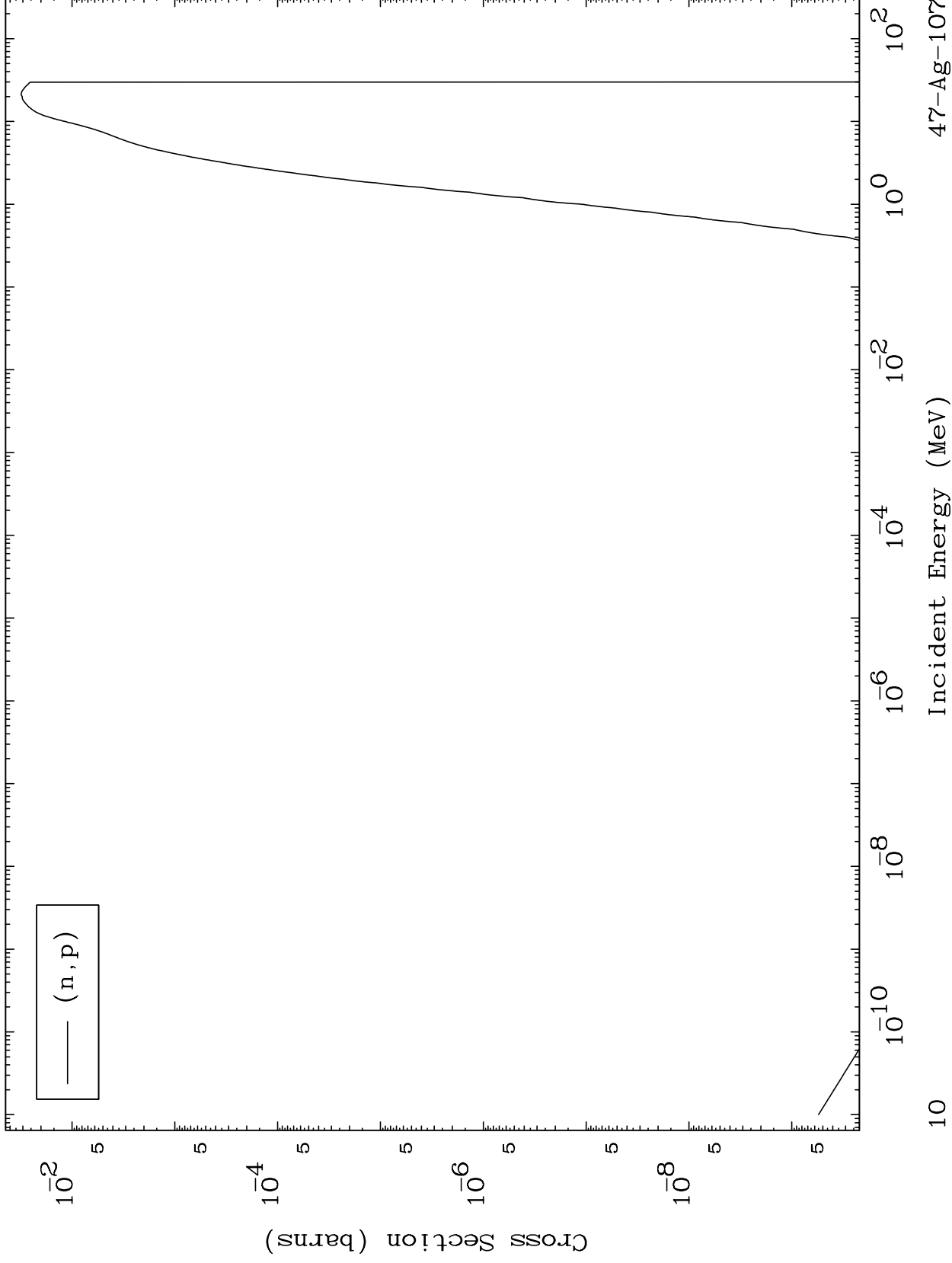
Incident Energy (MeV)

47-Ag-107

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(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-107



10

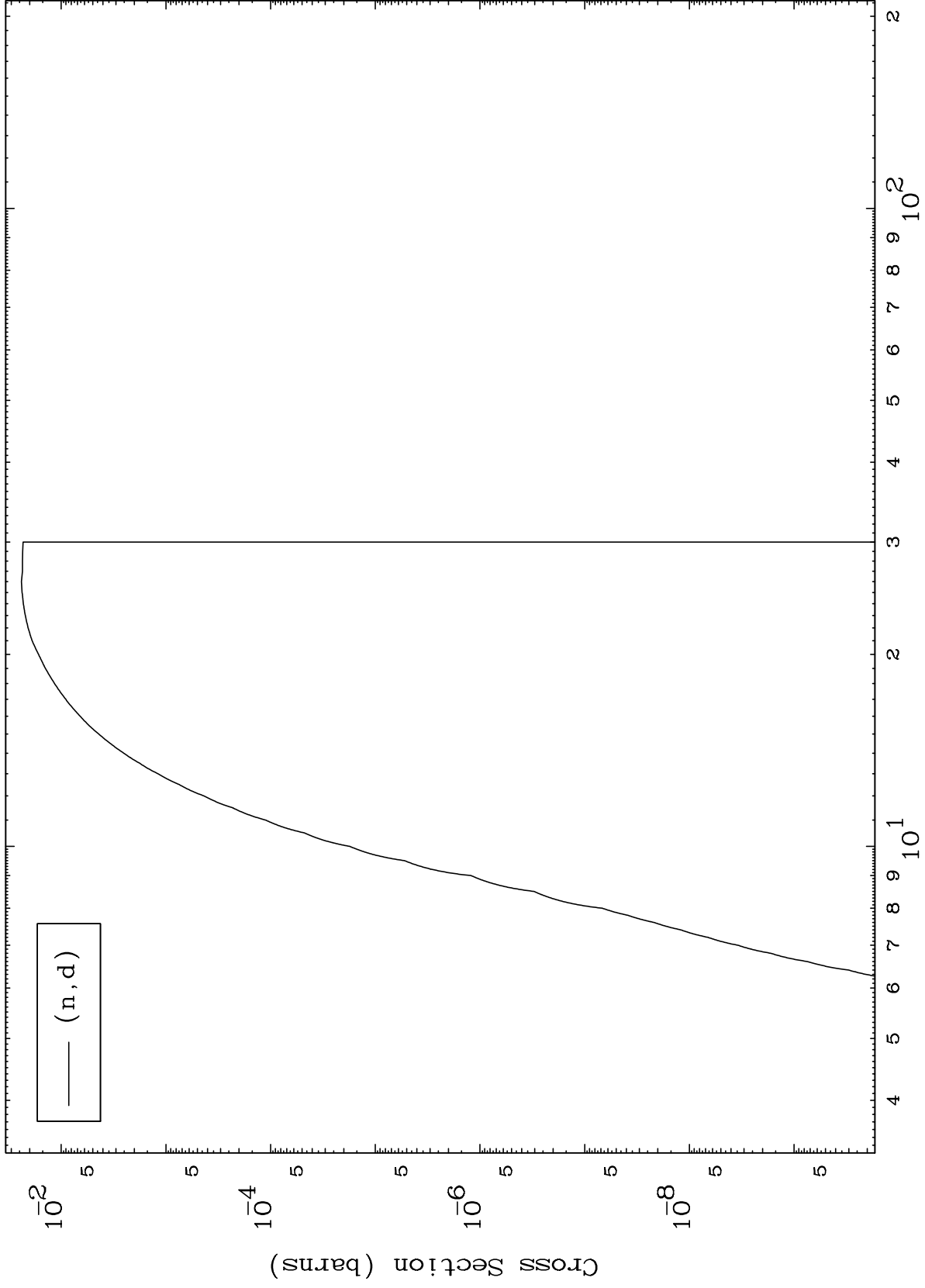
Incident Energy (MeV)

47-Ag-107

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(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-107



11

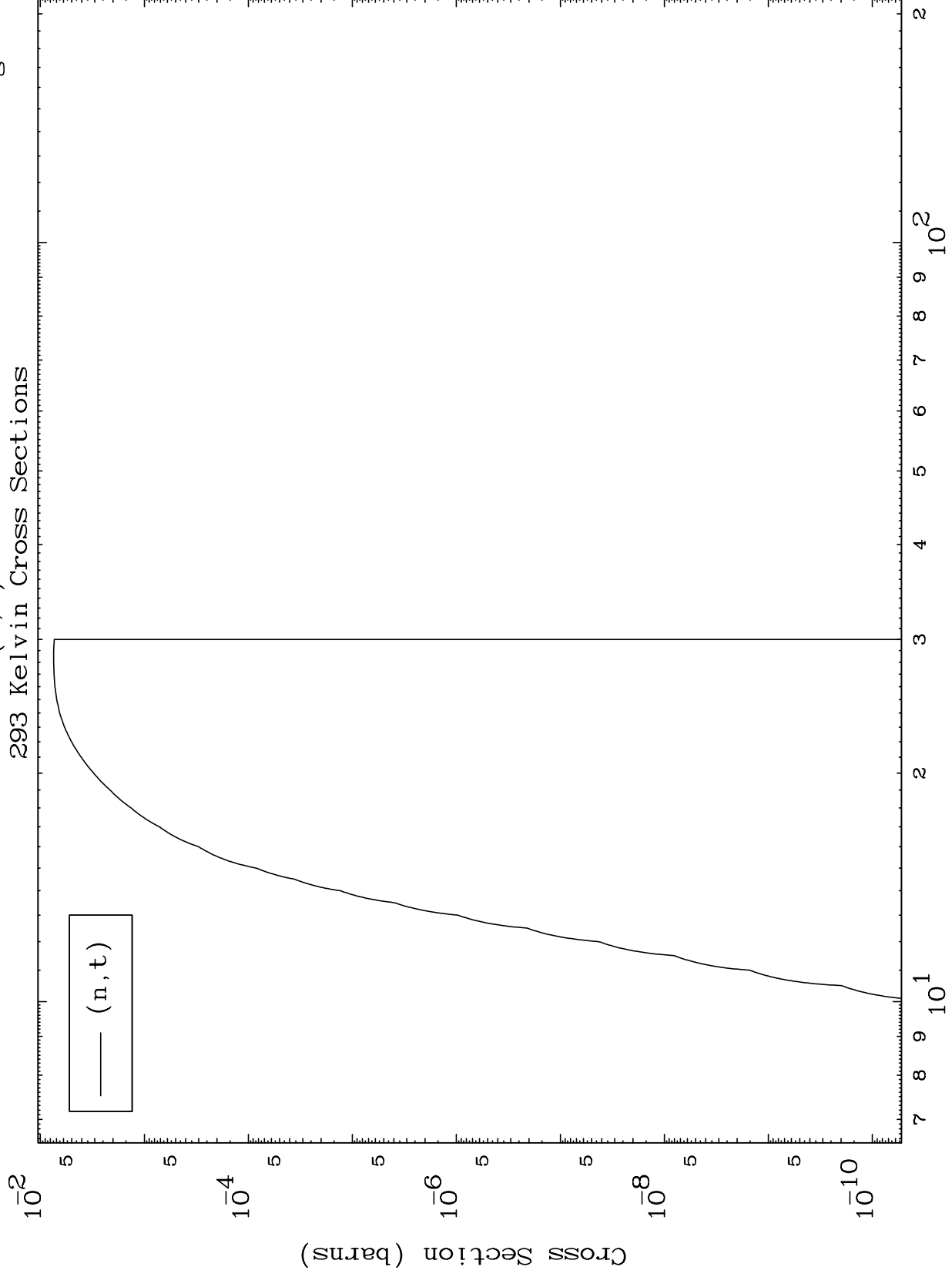
Incident Energy (MeV)

47-Ag-107

MAT 4726

(n,t) Levels  
293 Kelvin Cross Sections

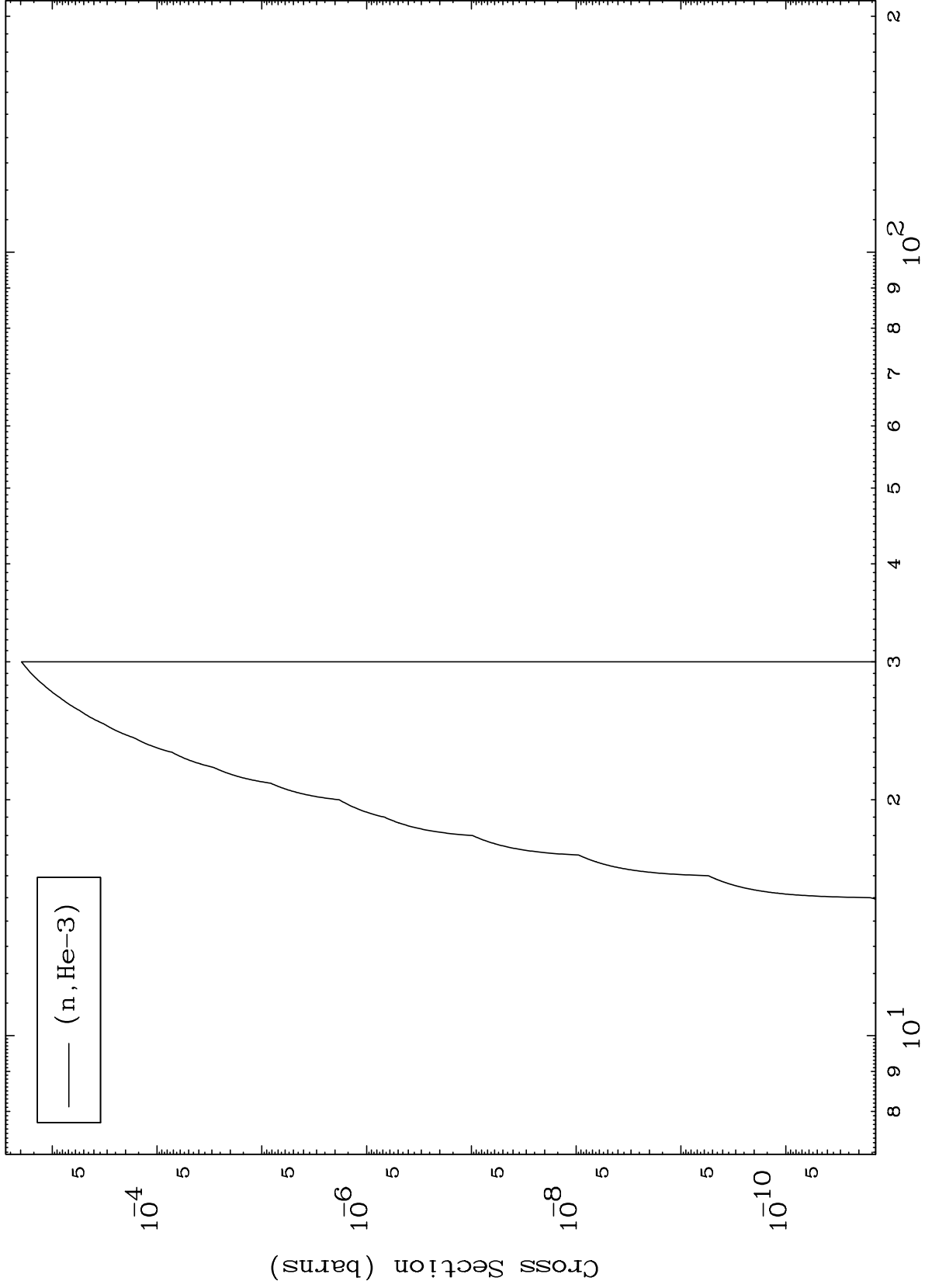
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12

Incident Energy (MeV)

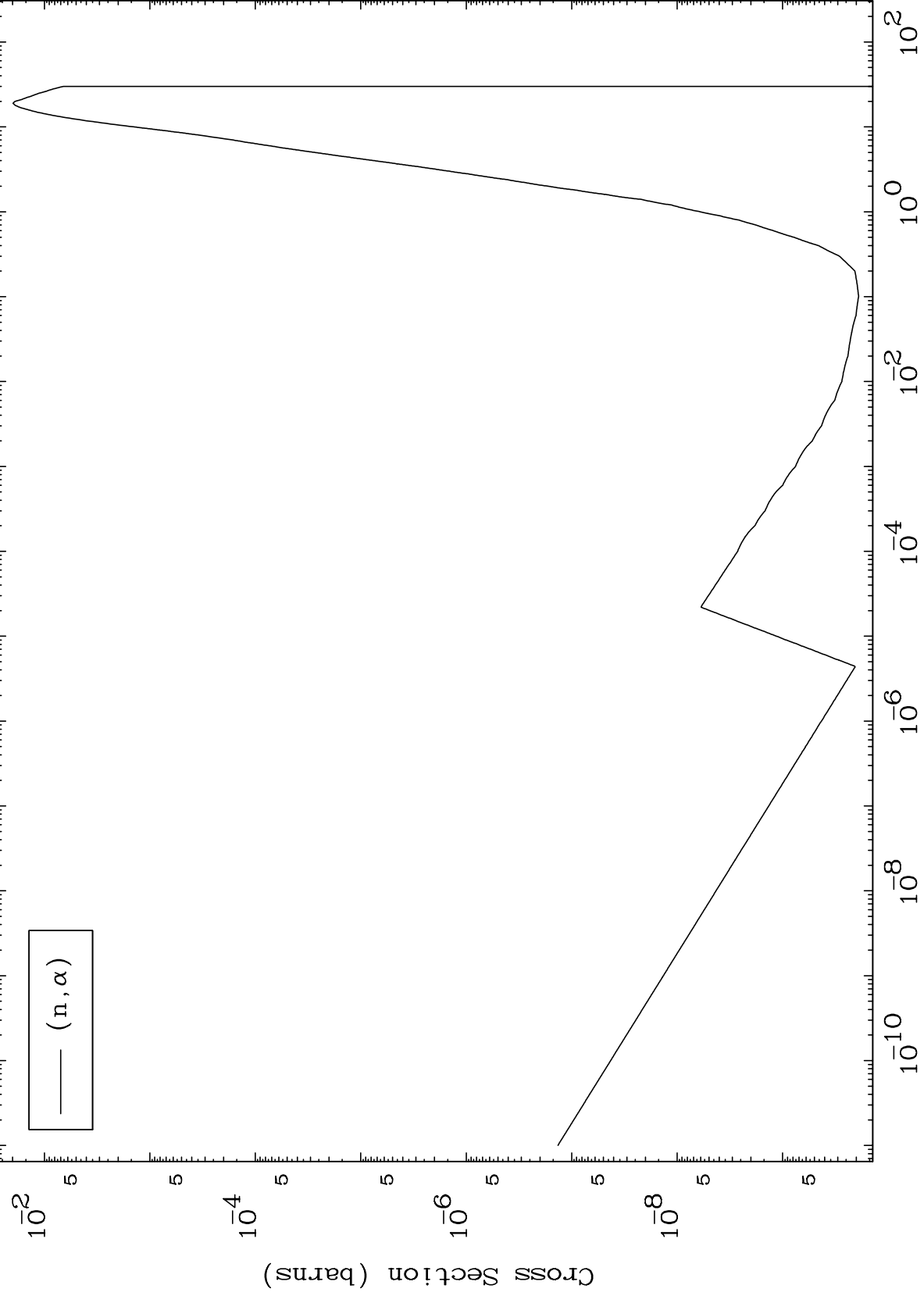
47-Ag-107

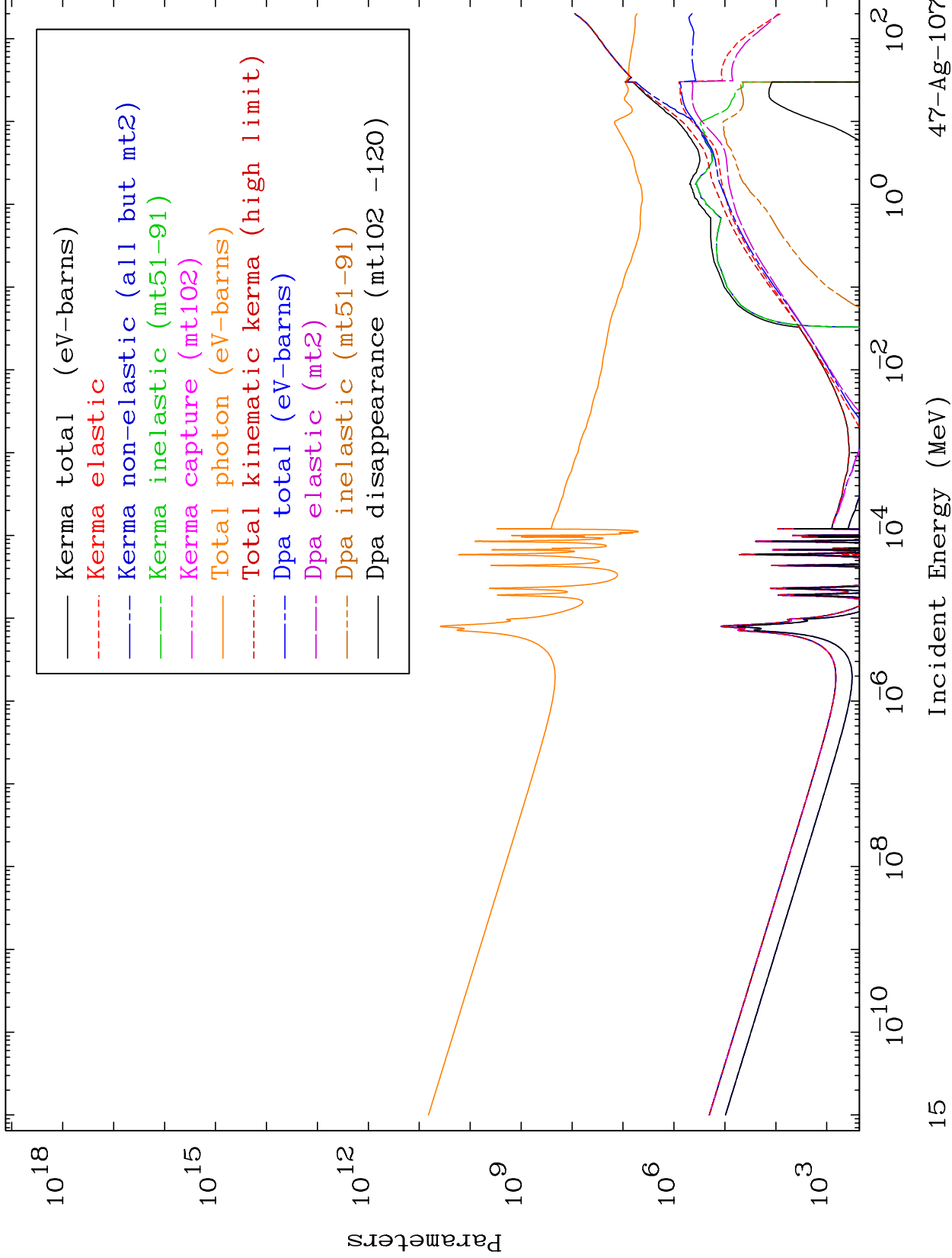


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

47-Ag-107



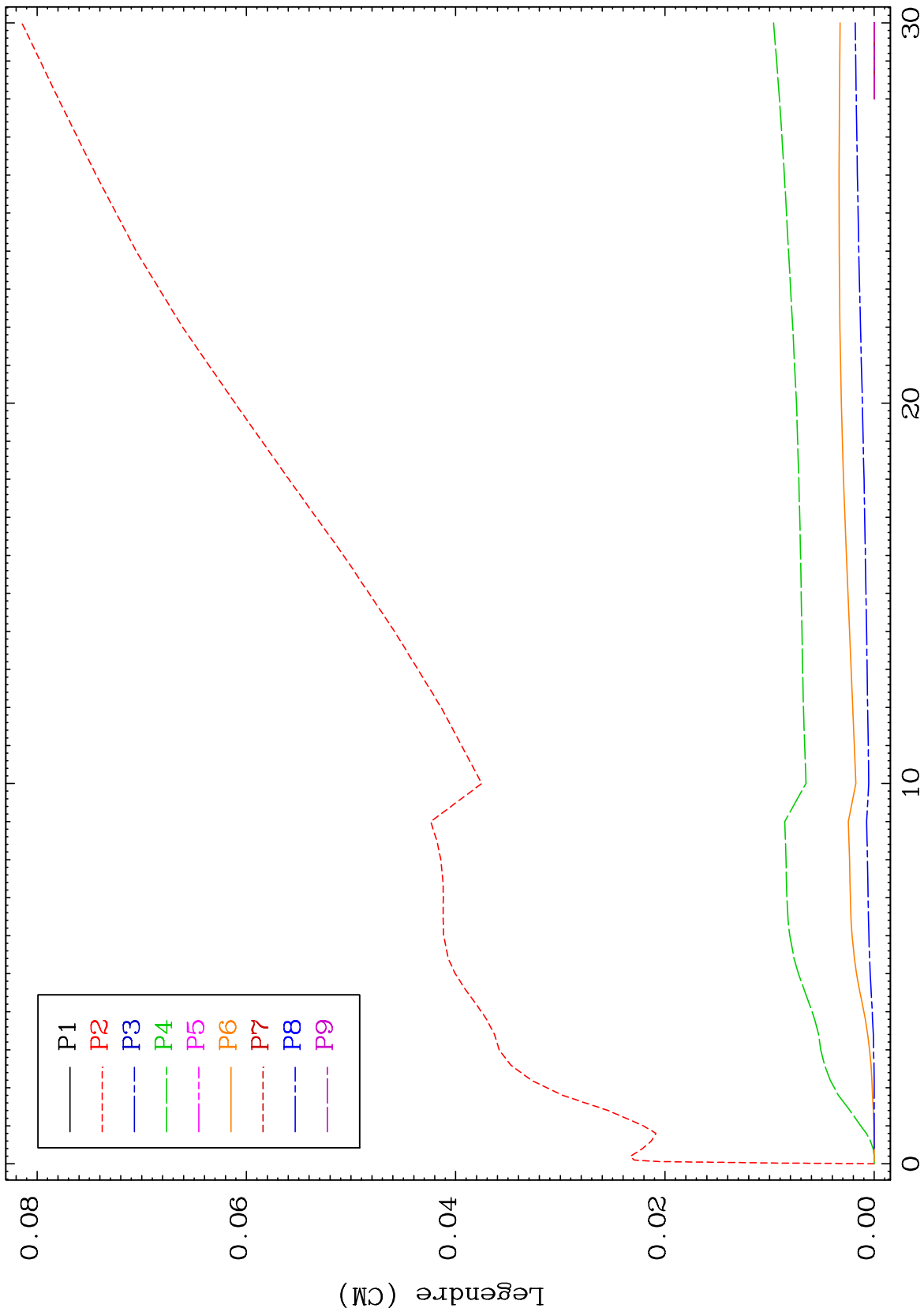




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Elastic Legendre Coefficients

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16

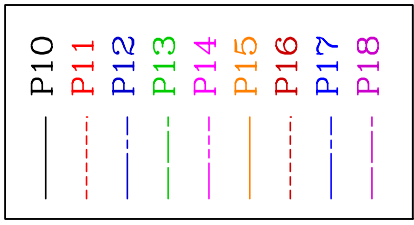
Incident Energy (MeV)

47-Ag-107

MAT 4726

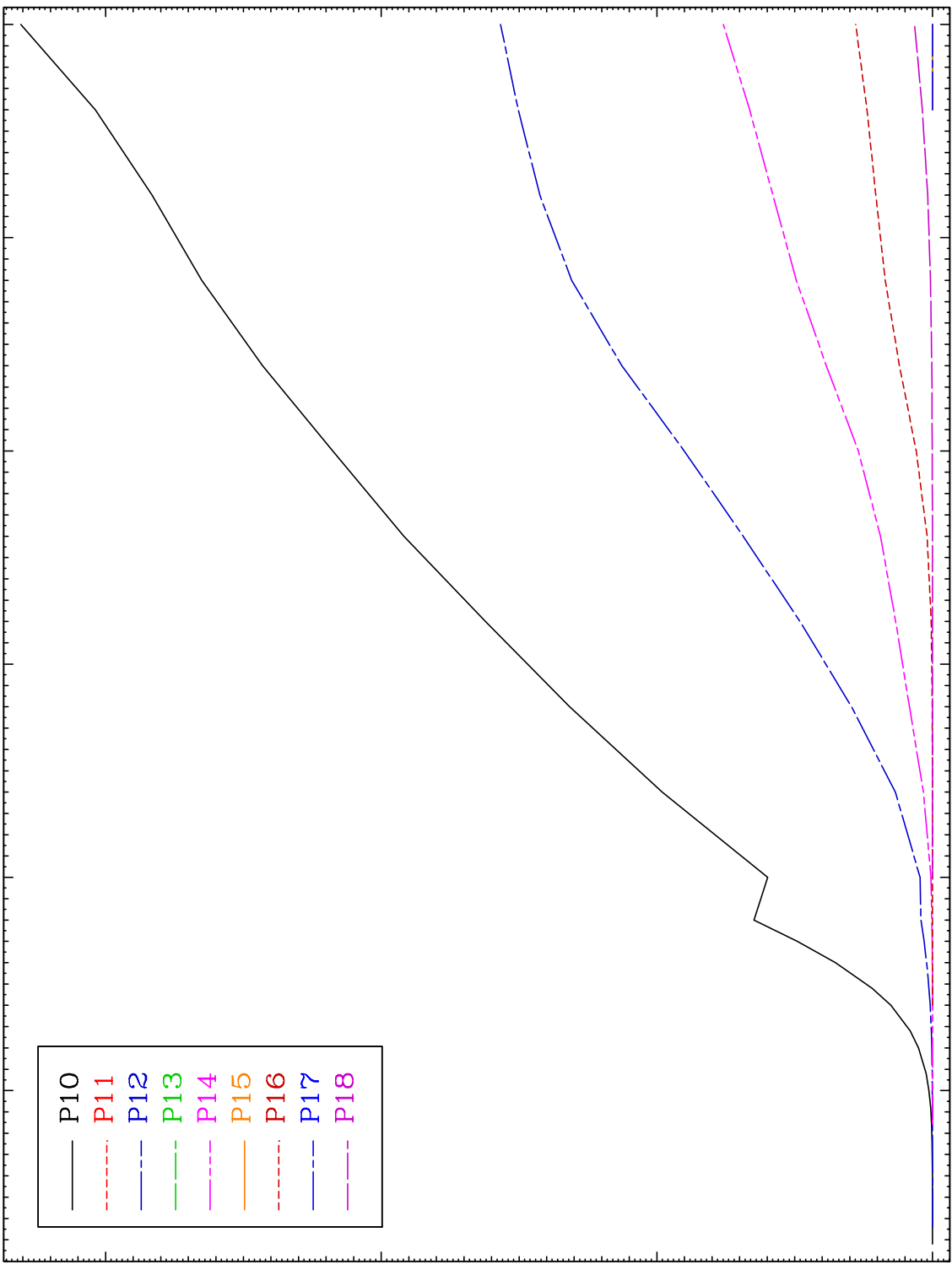
Elastic Legendre Coefficients

47-Ag-107



$\times 10^{-4}$

Legendre (CM)



30

25

20

15

10

5

17

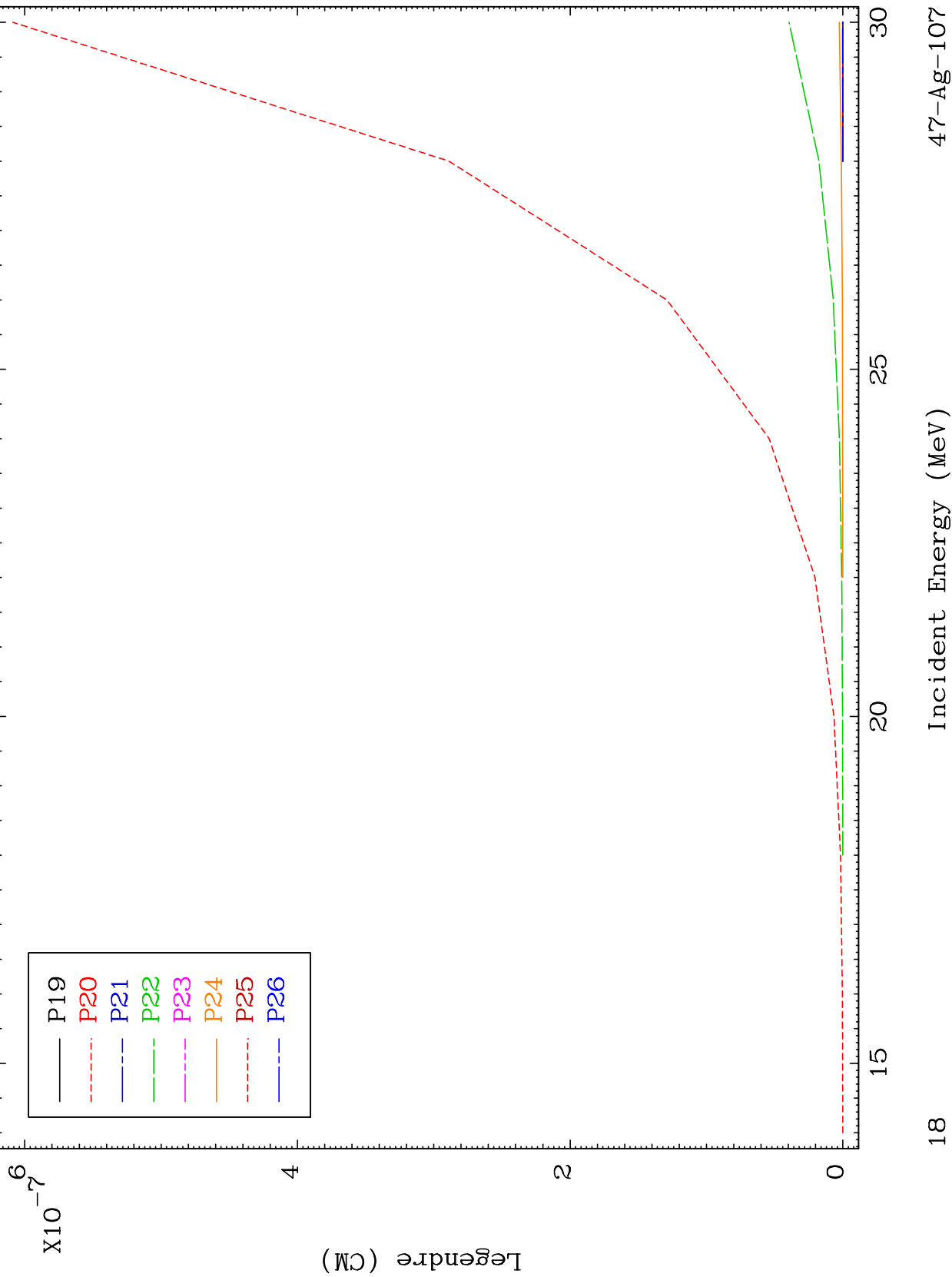
Incident Energy (MeV)

47-Ag-107

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Elastic Legendre Coefficients

47-Ag-107



18

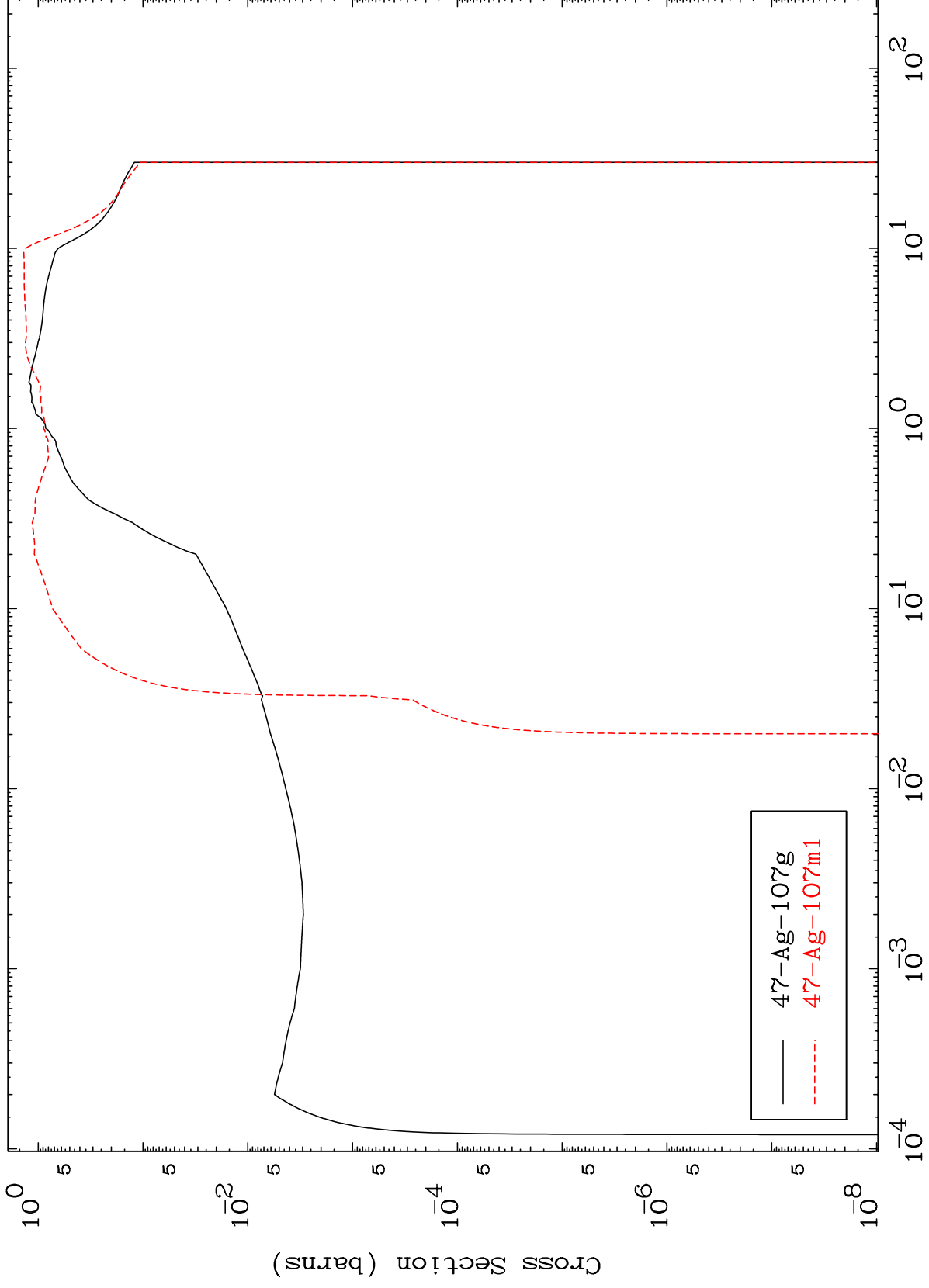
Incident Energy (MeV)

47-Ag-107

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47-Ag-107

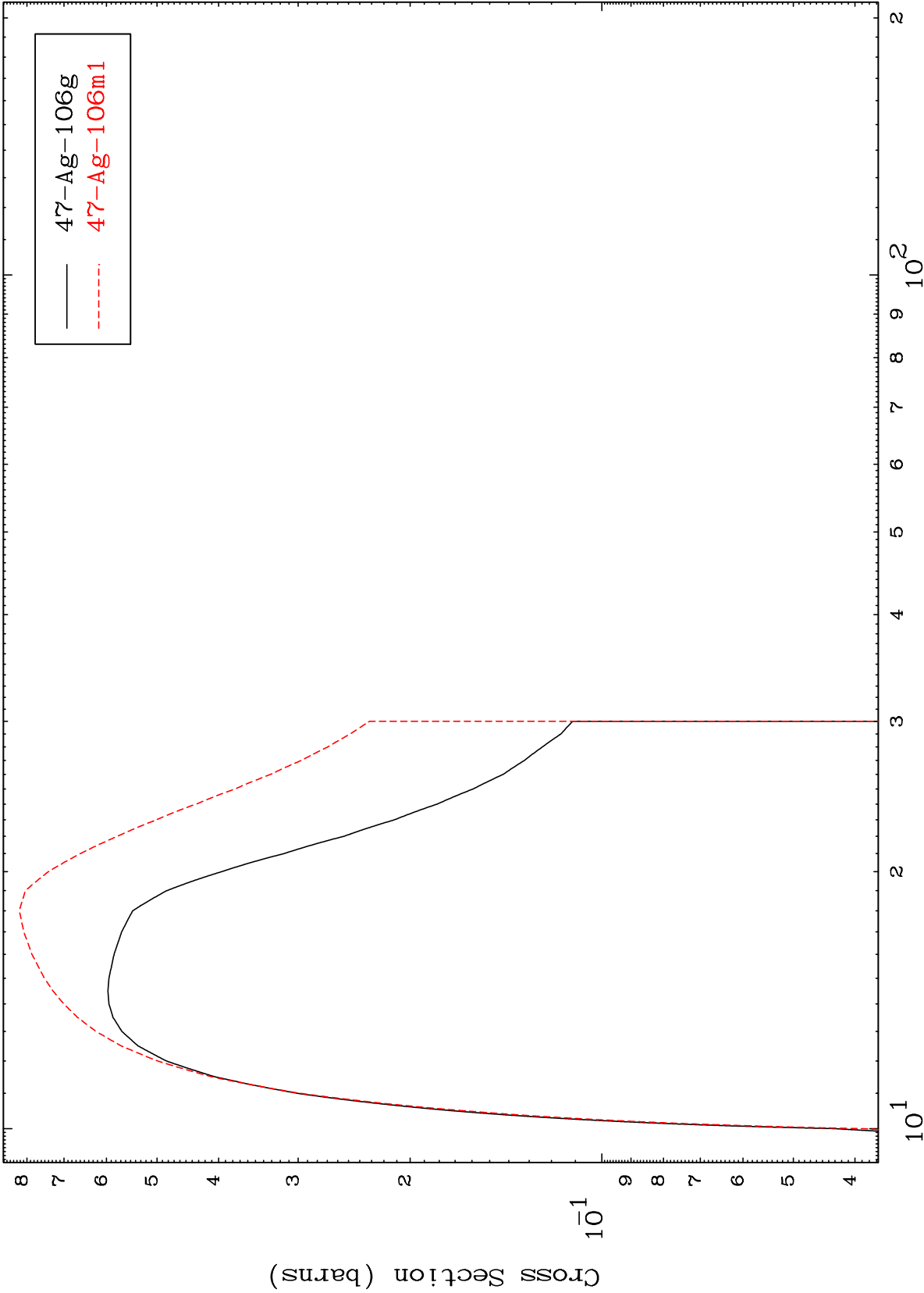
Inelastic  
Radionuclide Production Cross Section



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(n,2n)  
Radionuclide Production Cross Section



47-Ag-107

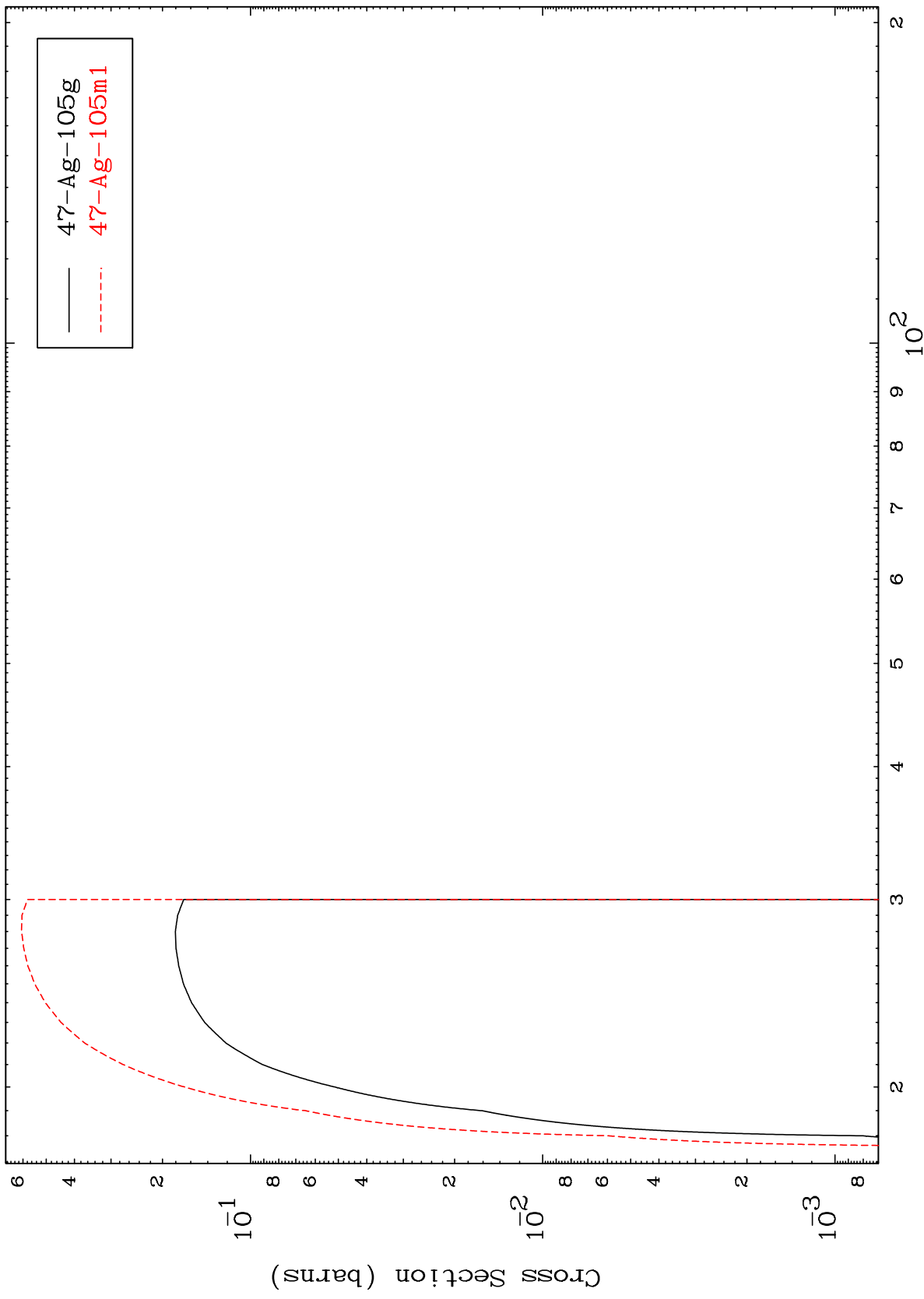
Incident Energy (MeV)

20

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(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

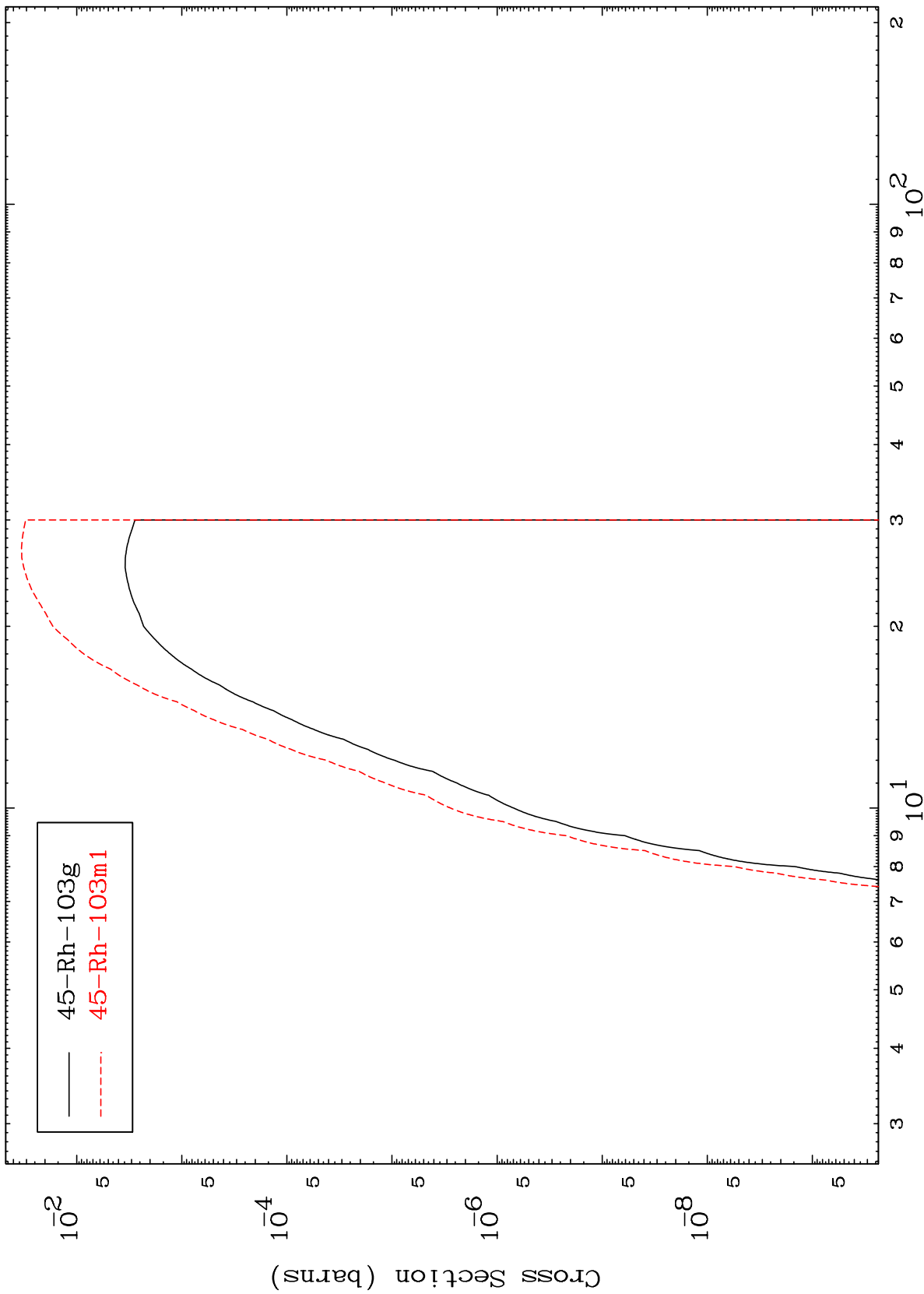
47-Ag-107

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47-Ag-107

(n,n')  $\alpha$

Radionuclide Production Cross Section



47-Ag-107

Incident Energy (MeV)

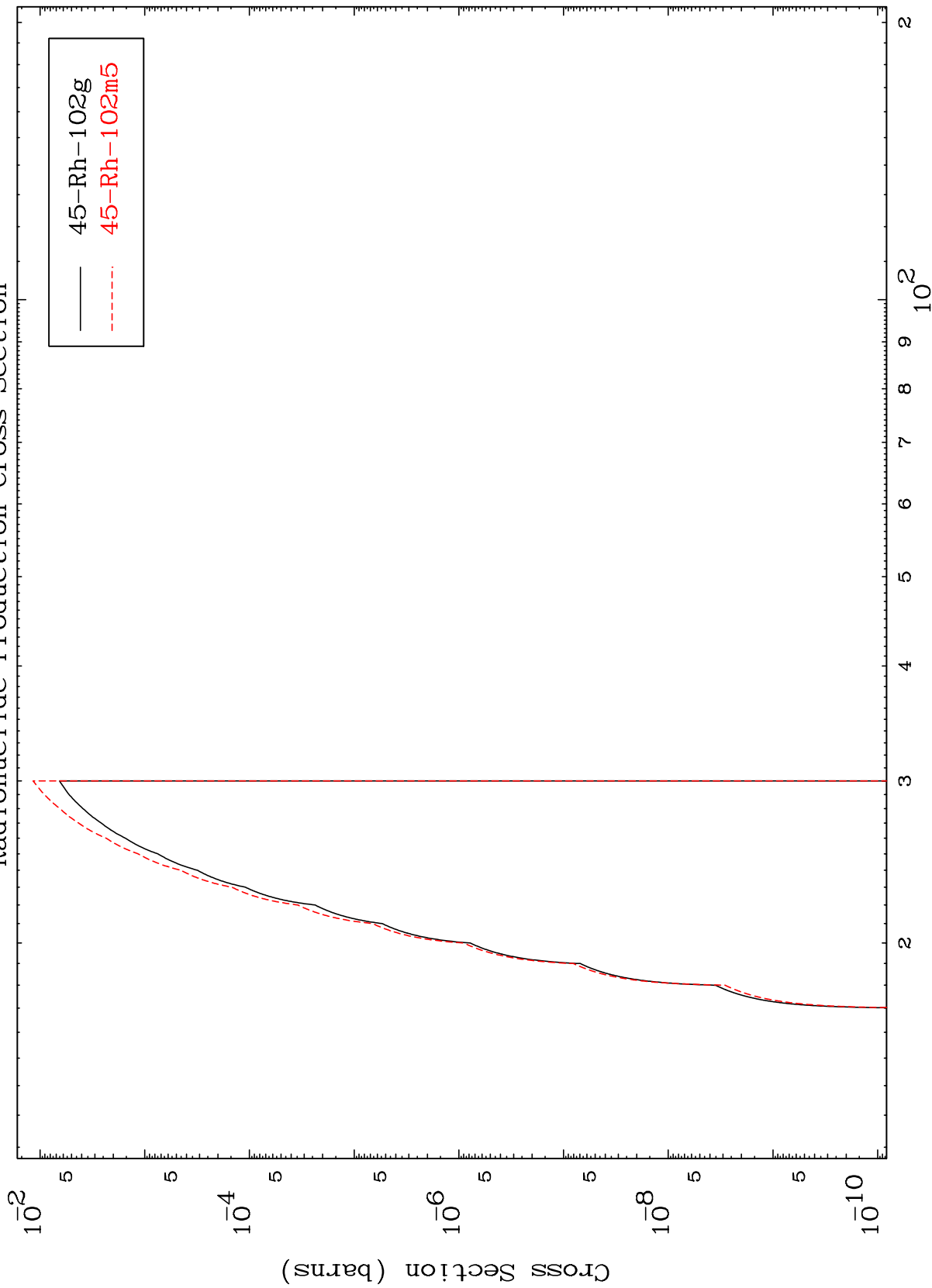
22

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(n,2n)  $\alpha$

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Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-107

23

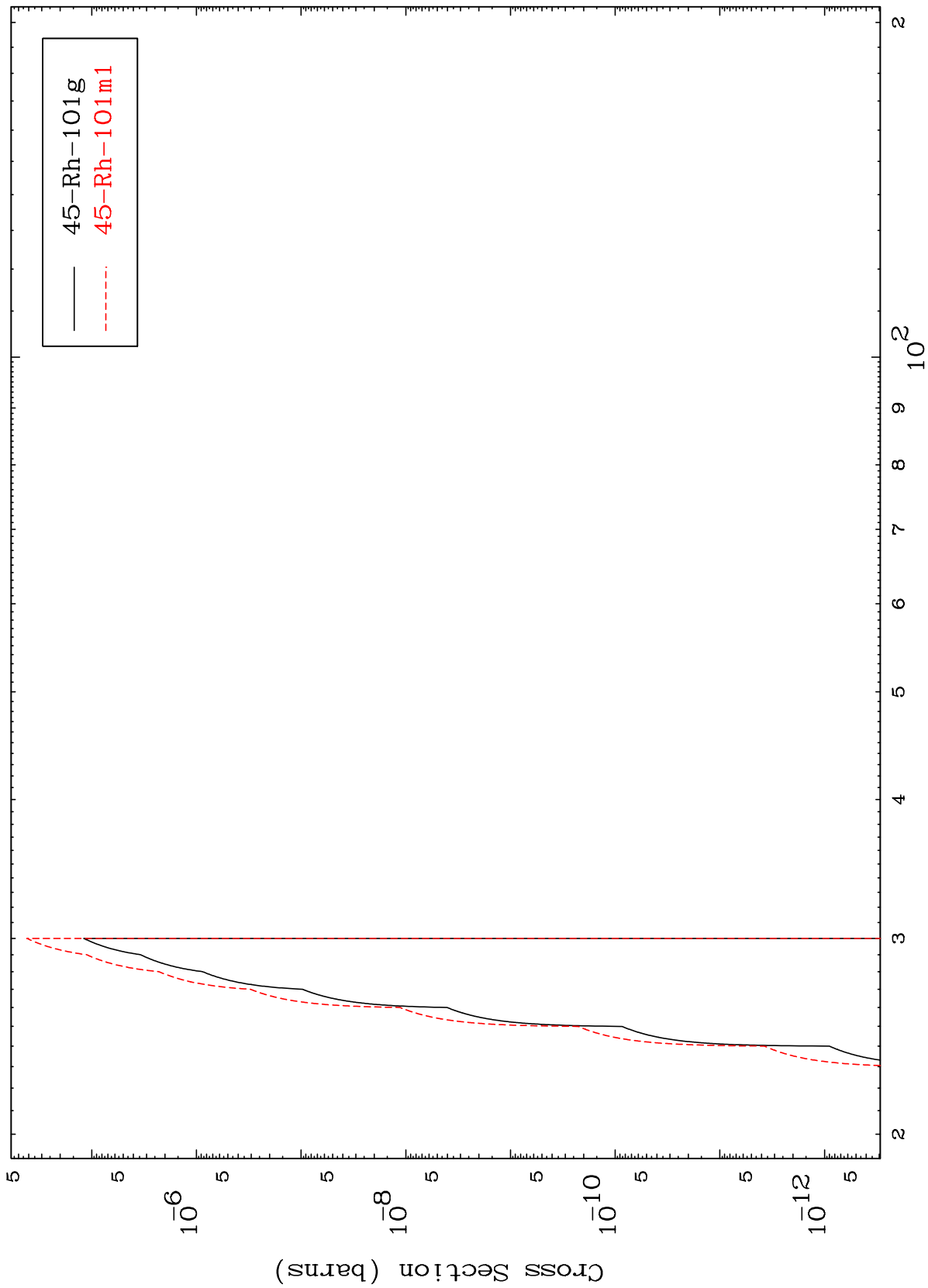


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(n,3n)  $\alpha$

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Radionuclide Production Cross Section



24

Incident Energy (MeV)

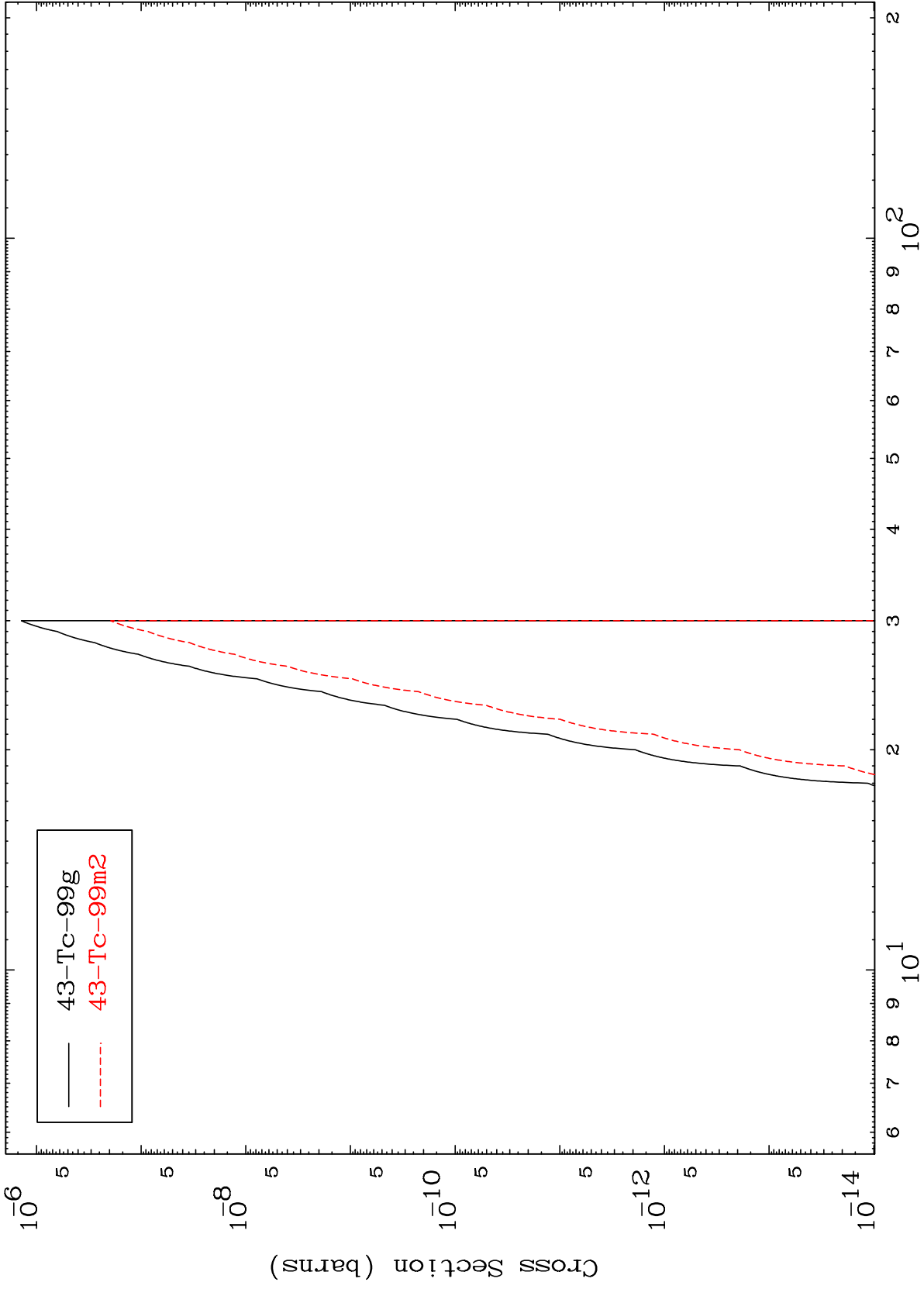
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(n,n') 2α

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Radionuclide Production Cross Section



25

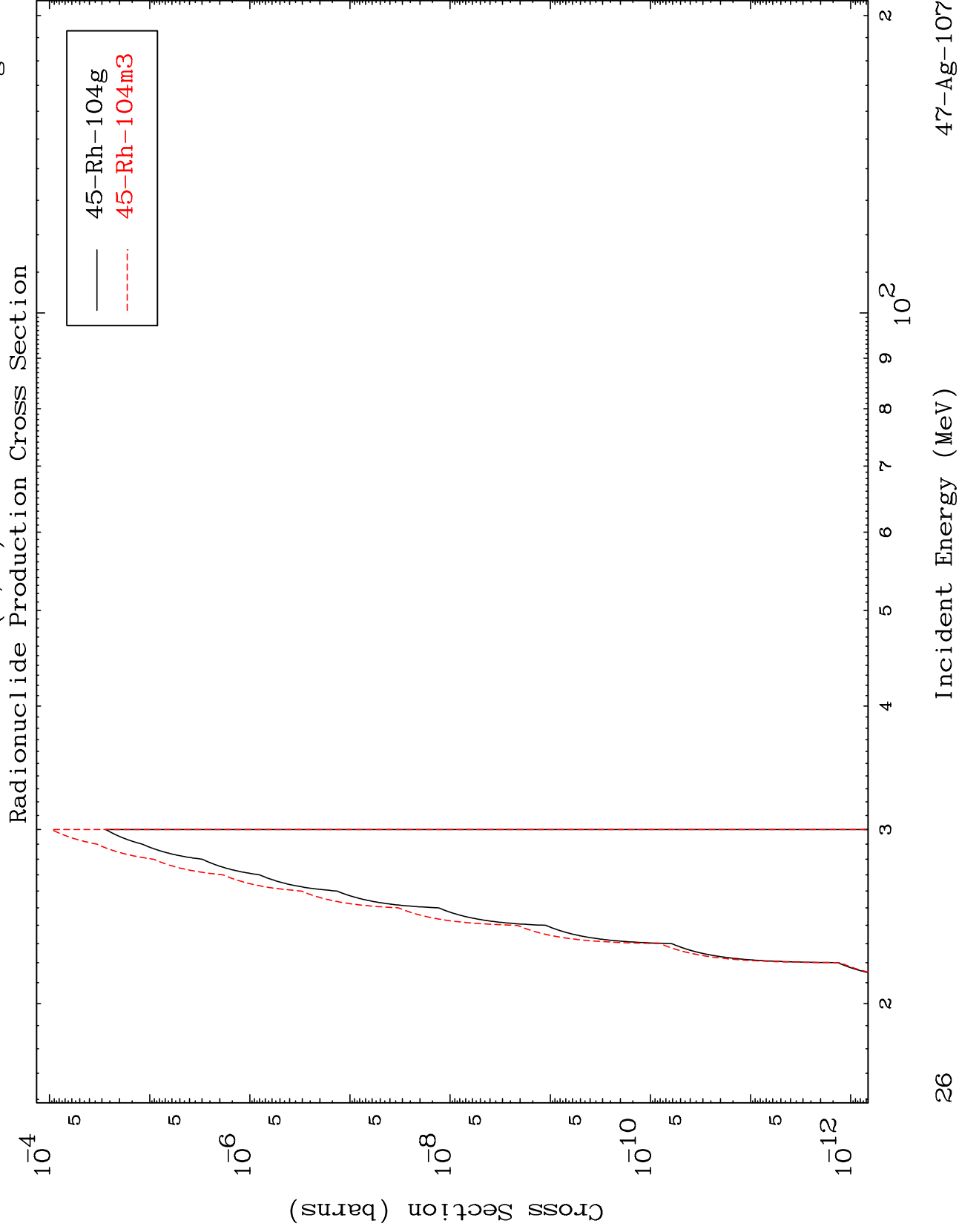
Incident Energy (MeV)

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(n,n') He-3

47-Ag-107



26

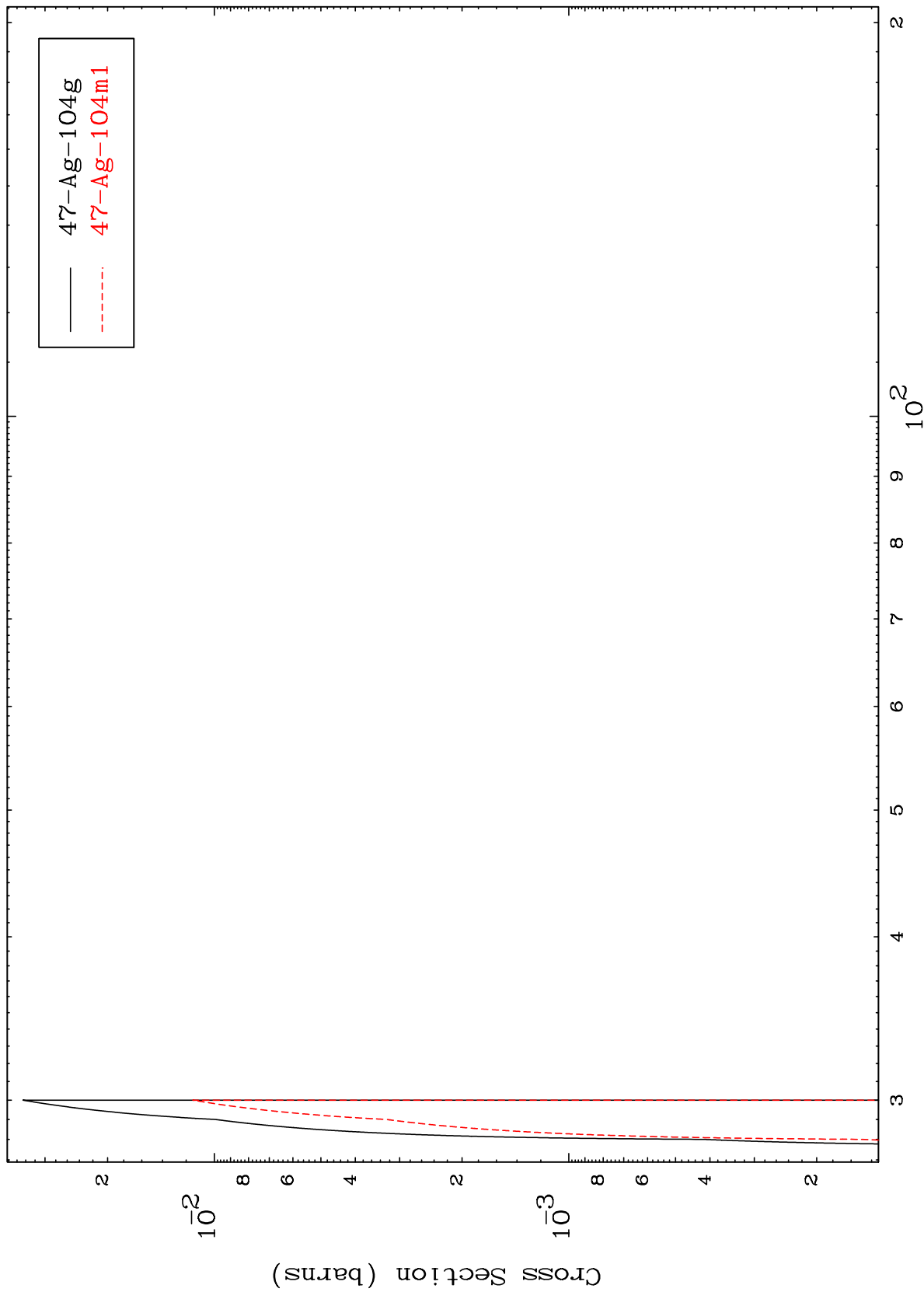
Incident Energy (MeV)

47-Ag-107

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47-Ag-107

(n,4n)  
Radionuclide Production Cross Section



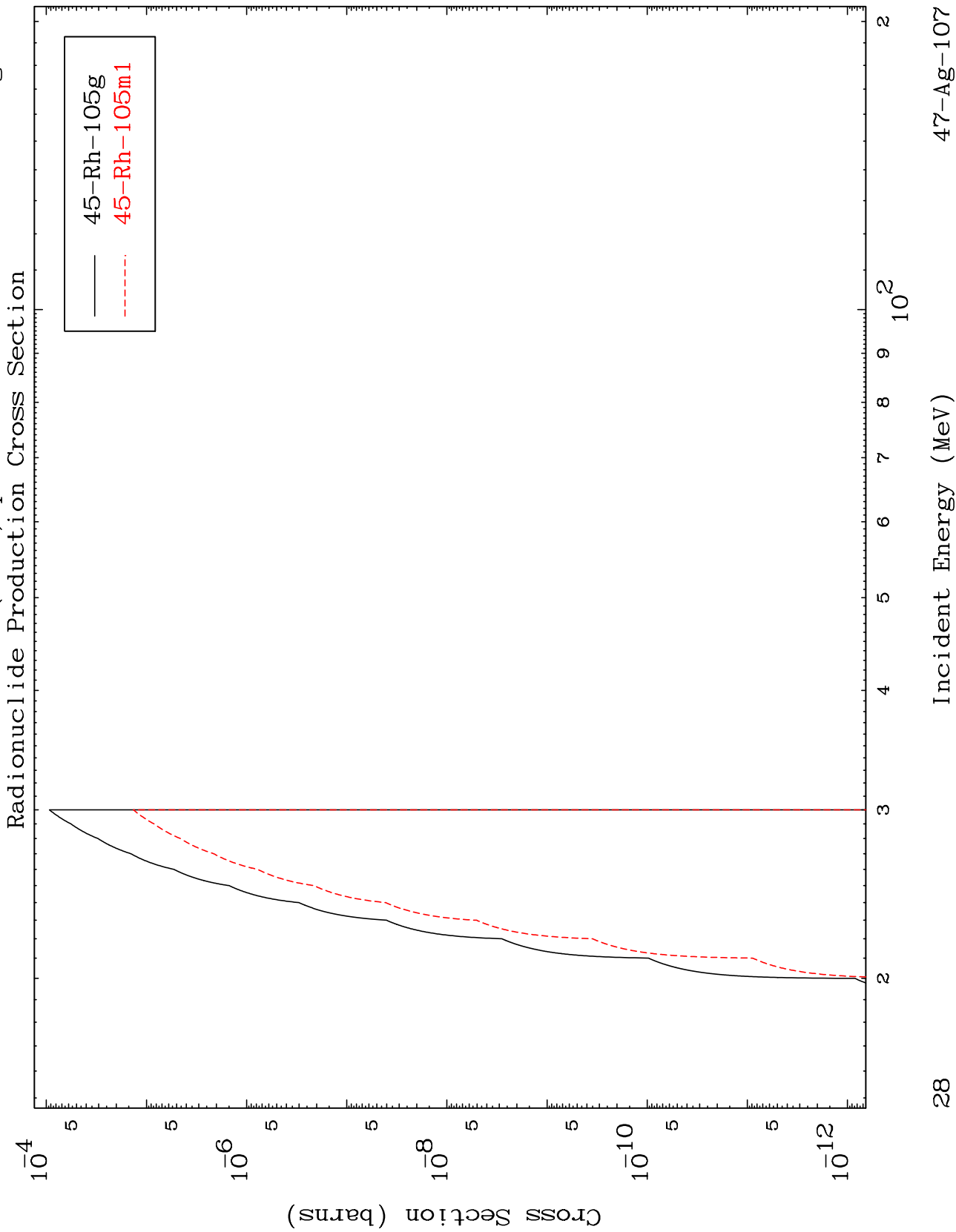
27

47-Ag-107

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(n,2n) p

47-Ag-107



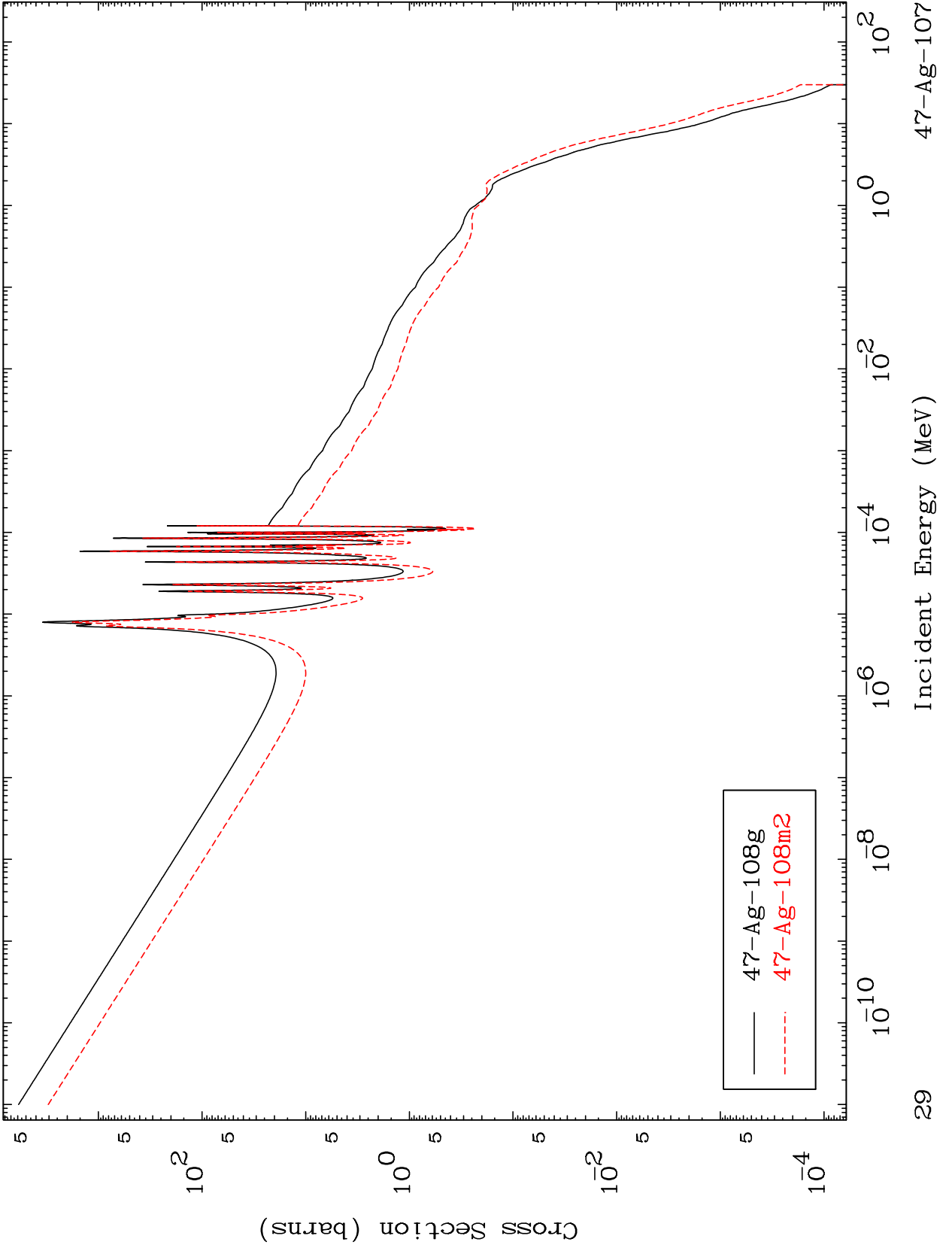
28

47-Ag-107

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47-Ag-107

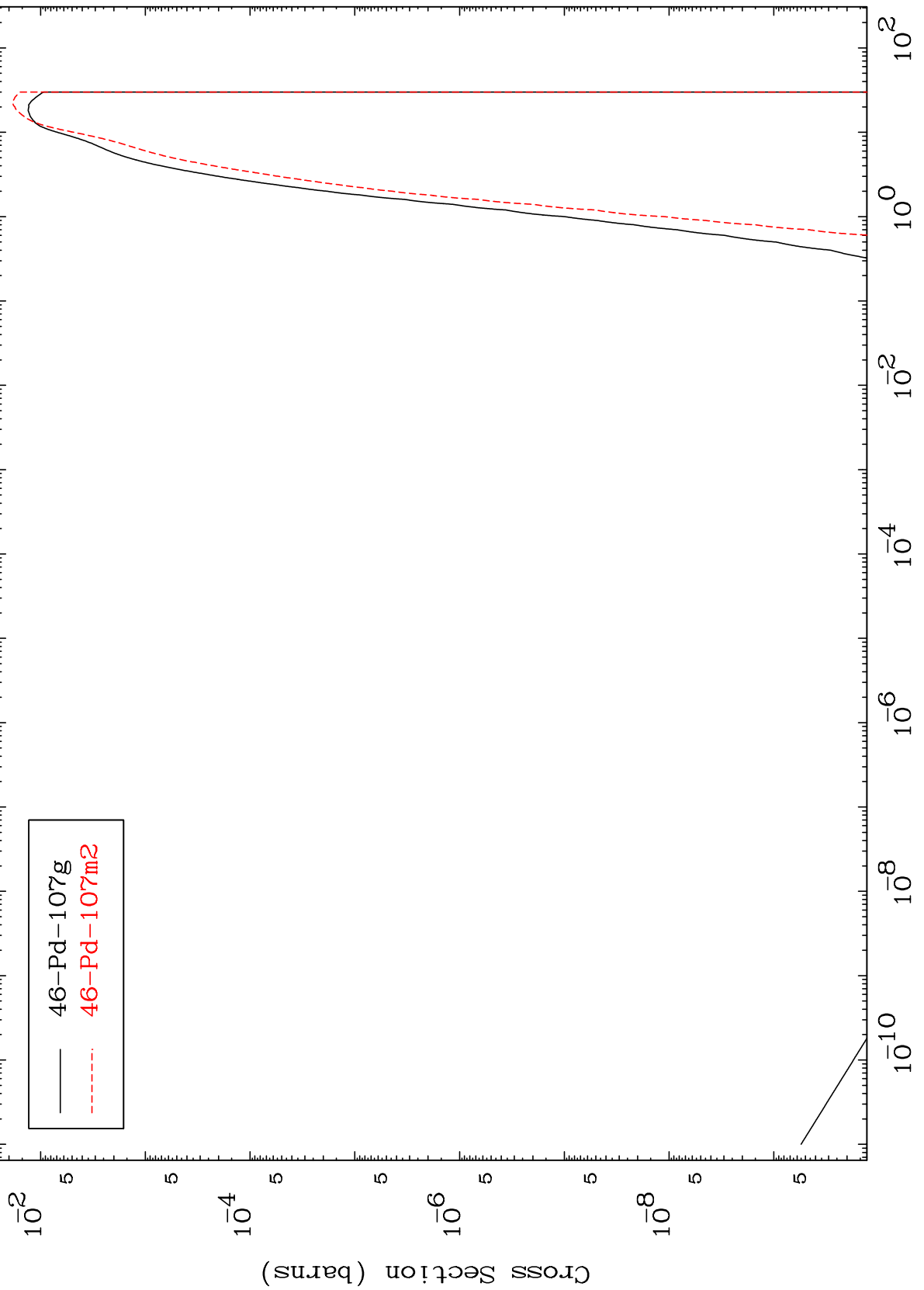
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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47-Ag-107

(n,p)  
Radionuclide Production Cross Section

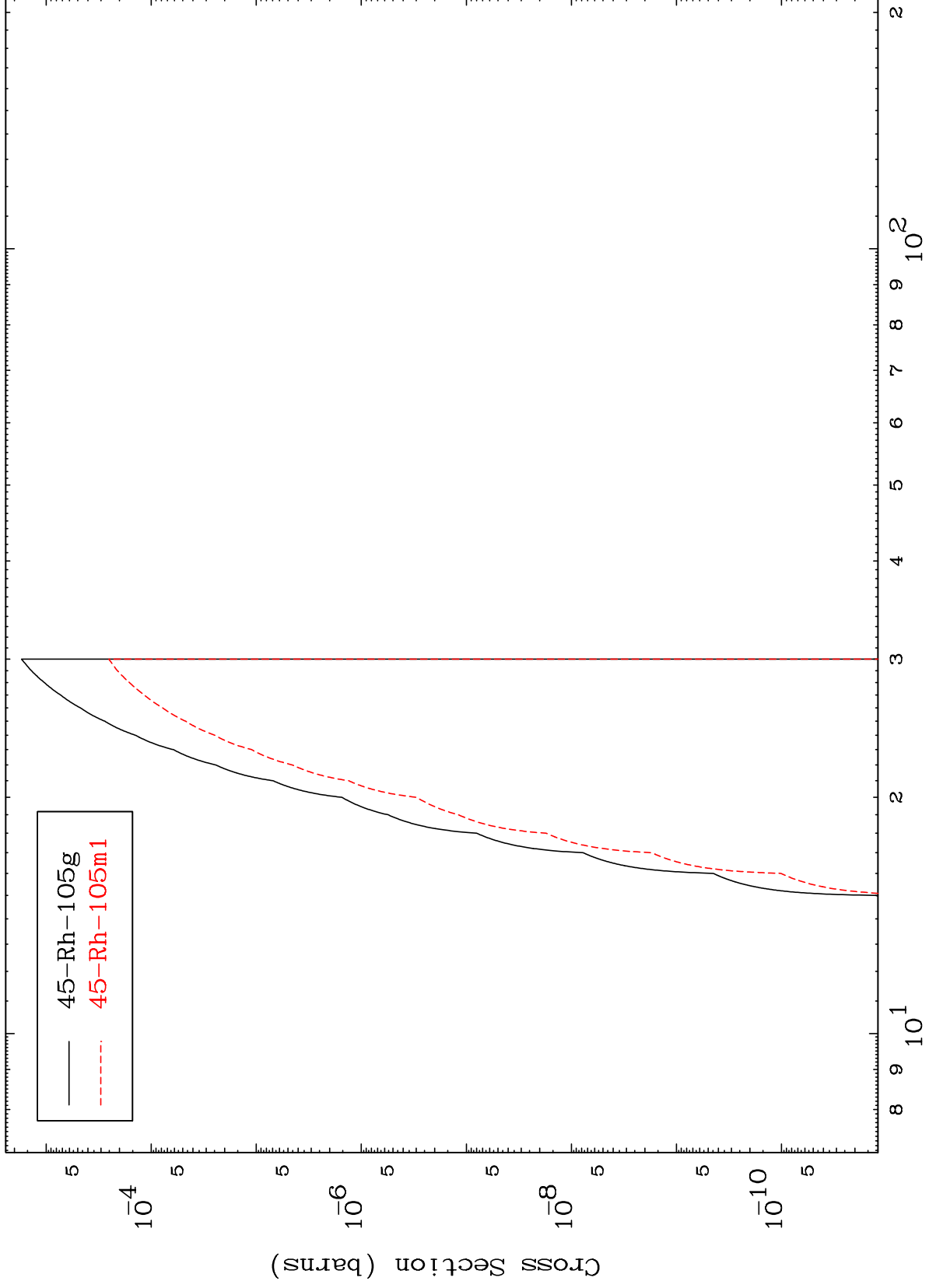


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(n,He-3)

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Radionuclide Production Cross Section



31

Incident Energy (MeV)

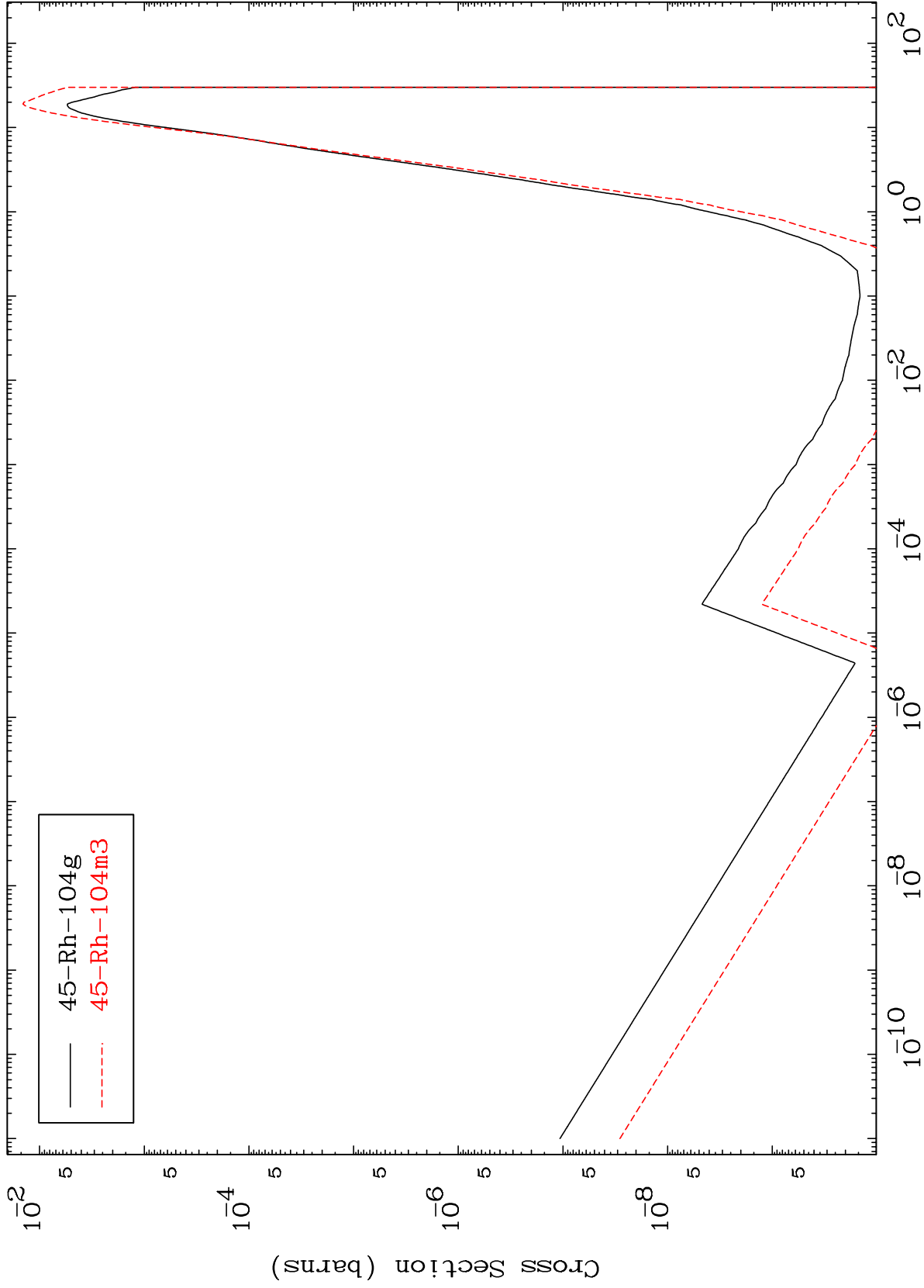
47-Ag-107



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47-Ag-107

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



32

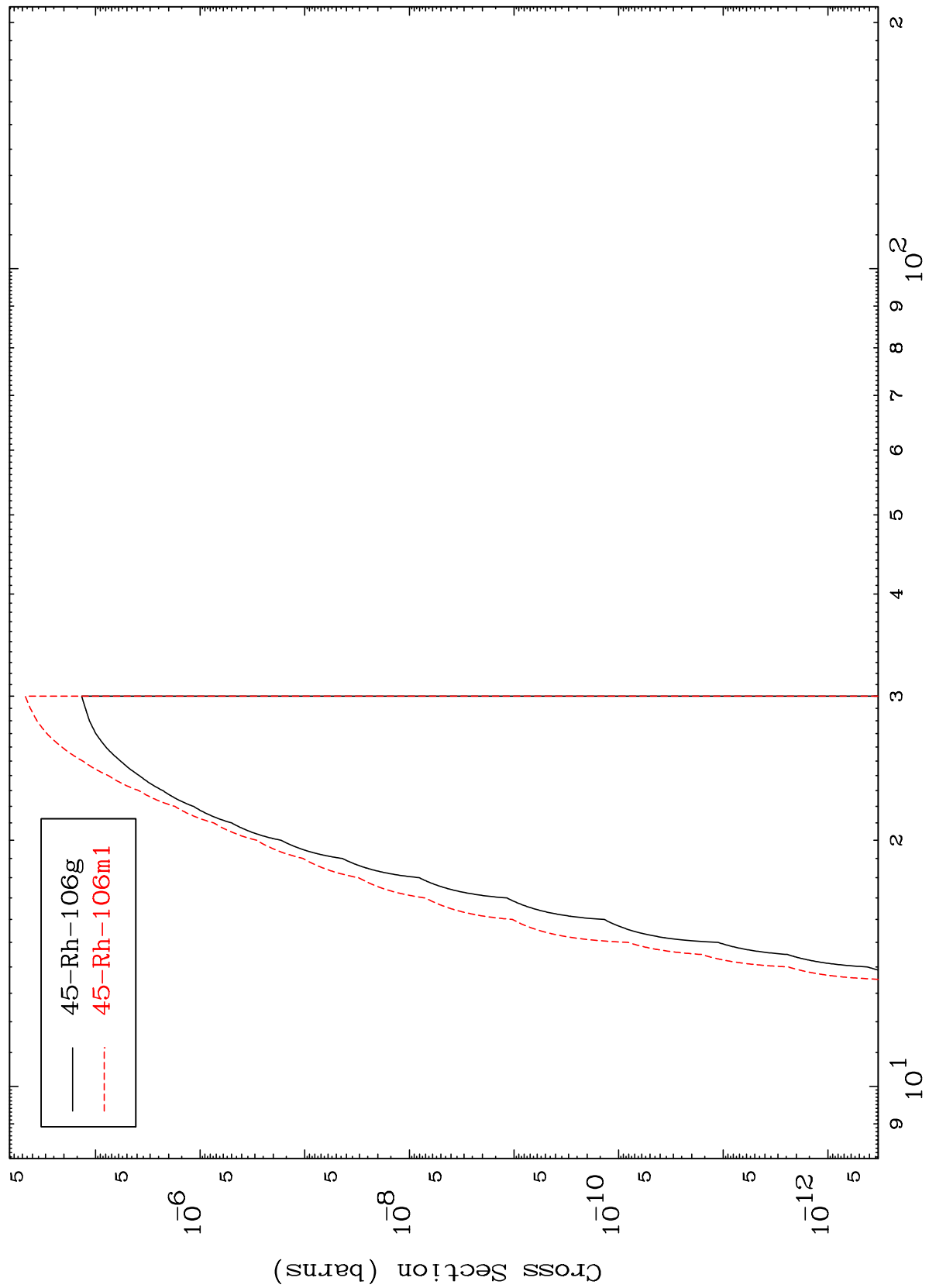
Incident Energy (MeV)

47-Ag-107

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47-Ag-107

(n,2p)  
Radionuclide Production Cross Section



33

Incident Energy (MeV)

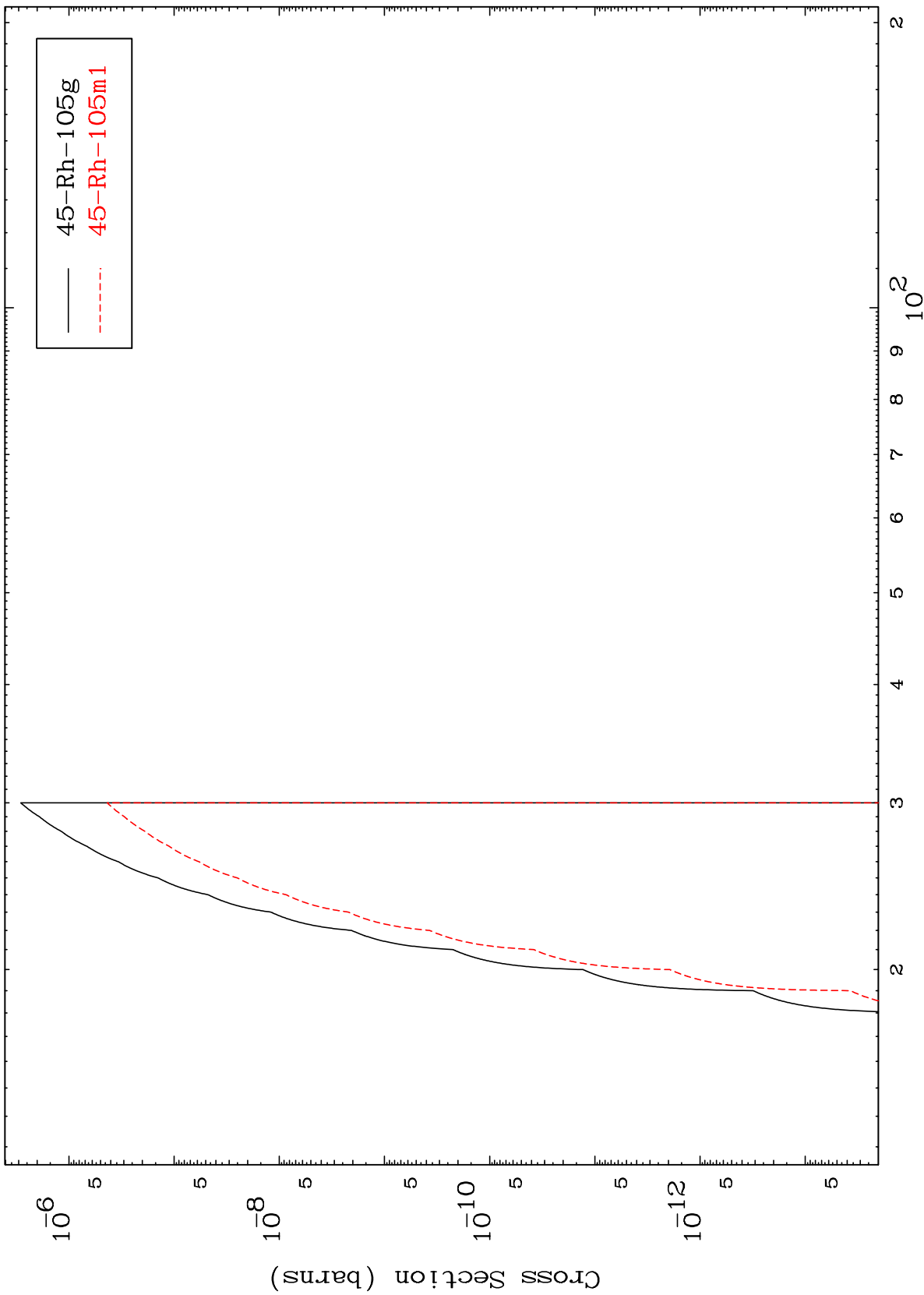
47-Ag-107

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(n,p) d

47-Ag-107

Radionuclide Production Cross Section



34

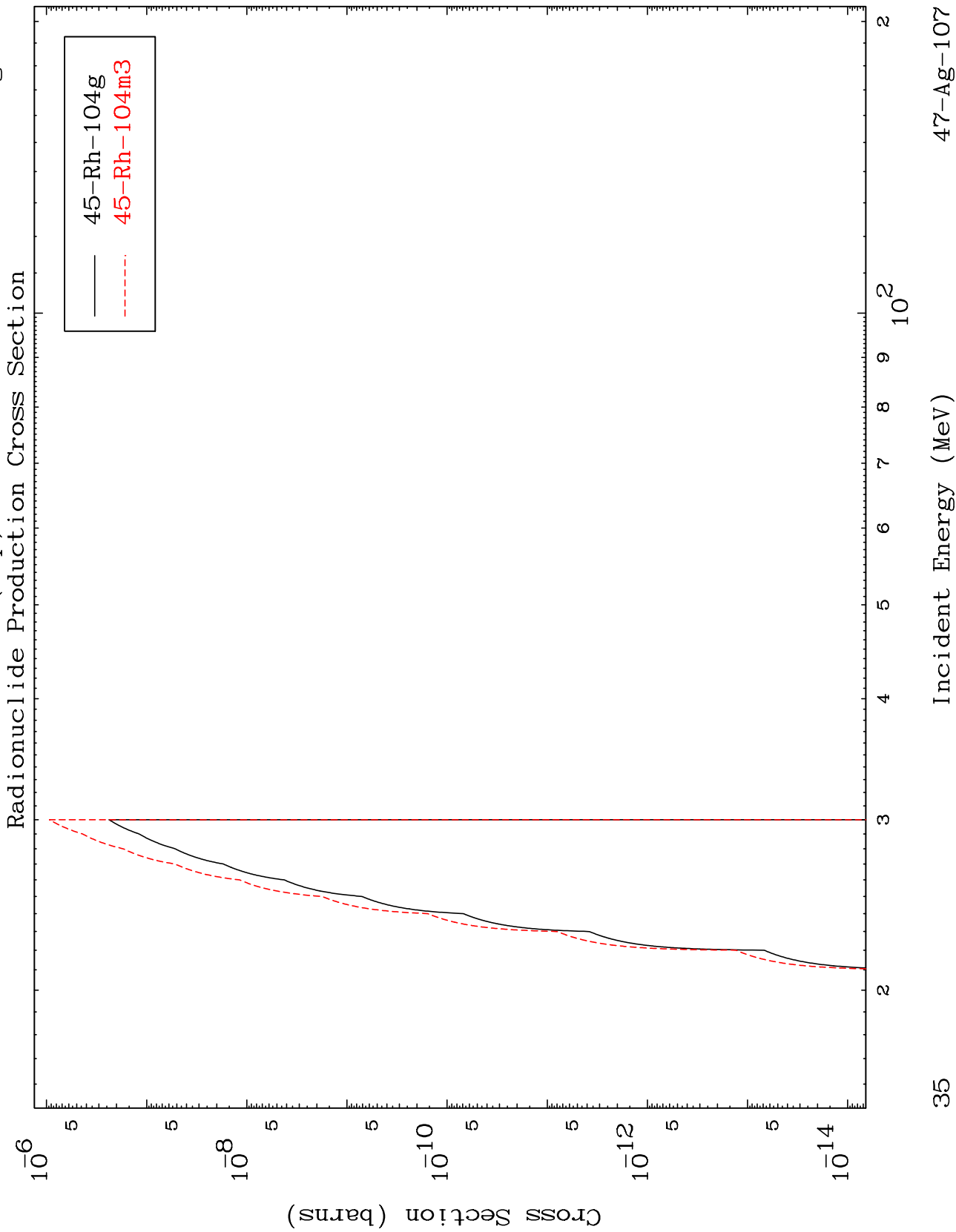
Incident Energy (MeV)

47-Ag-107

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(n,p) t

47-Ag-107



35

47-Ag-107