

Program EVALPLOT  
(Version 2021-1)

by

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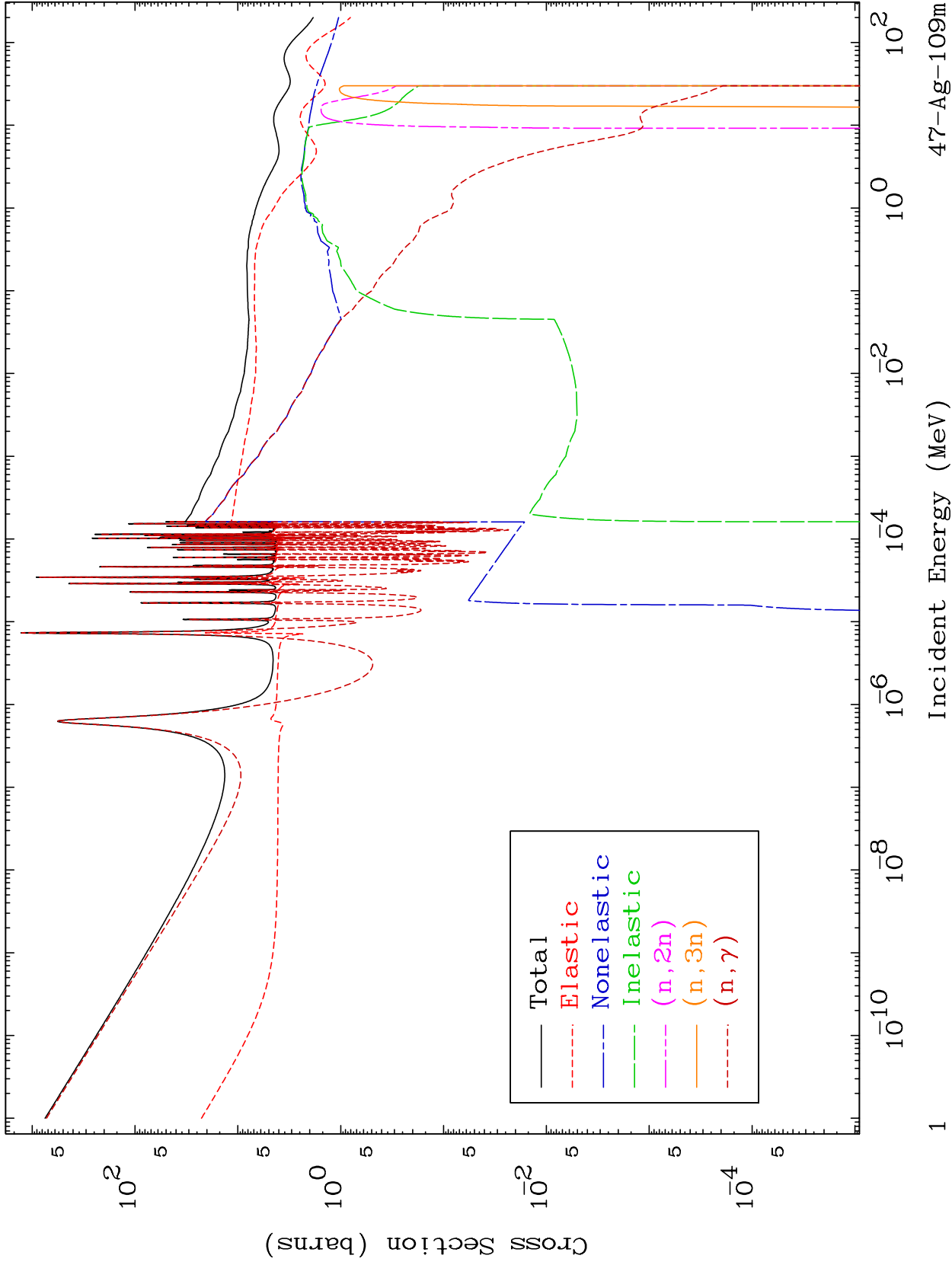
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Press Mouse Button to Start

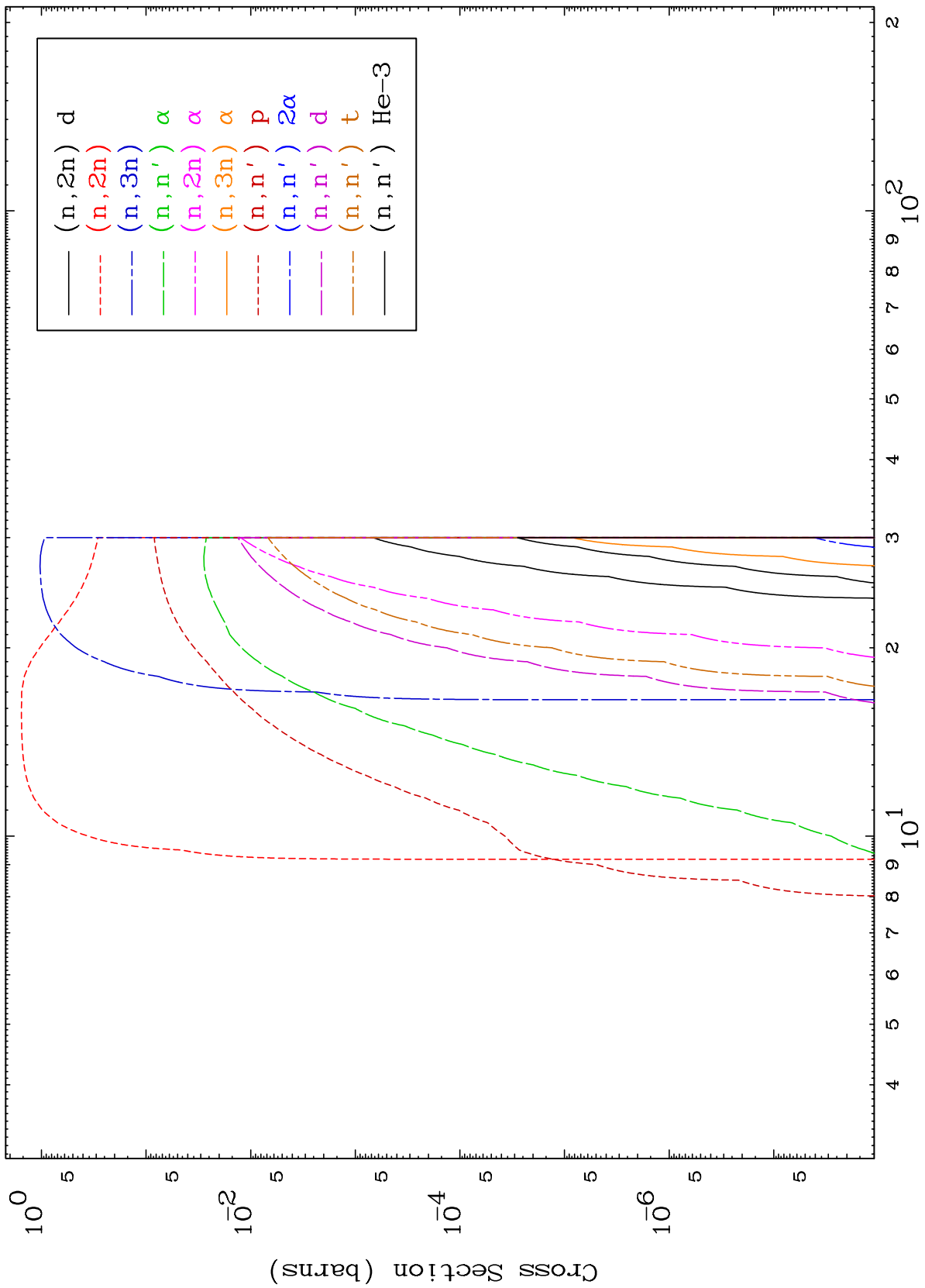
MAT 4732

Neutron Major  
293 Kelvin Cross Sections

47-Ag-109m



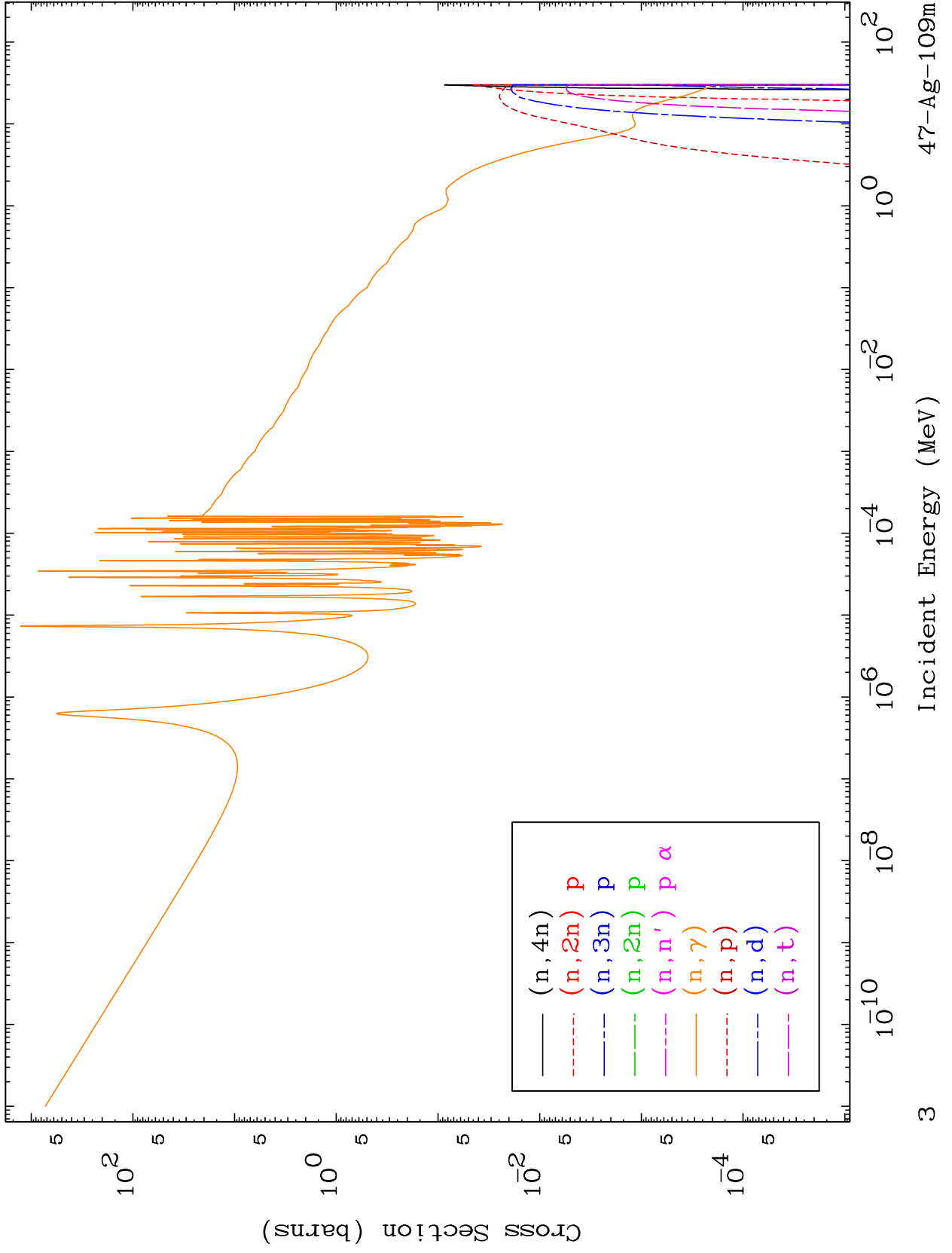
Neutron Absorption  
293 Kelvin Cross Sections



MAT 4732

Neutron Absorption  
293 Kelvin Cross Sections

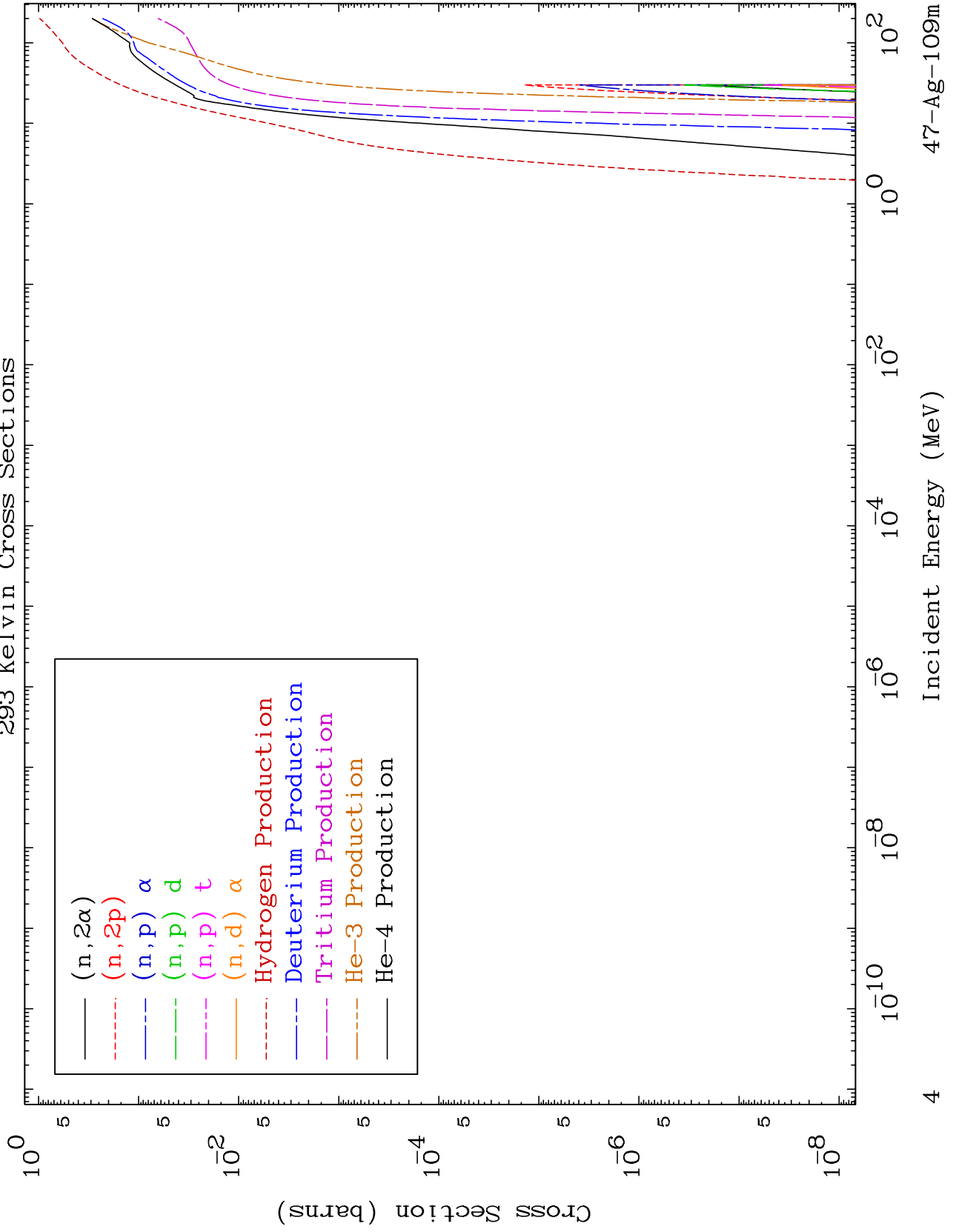
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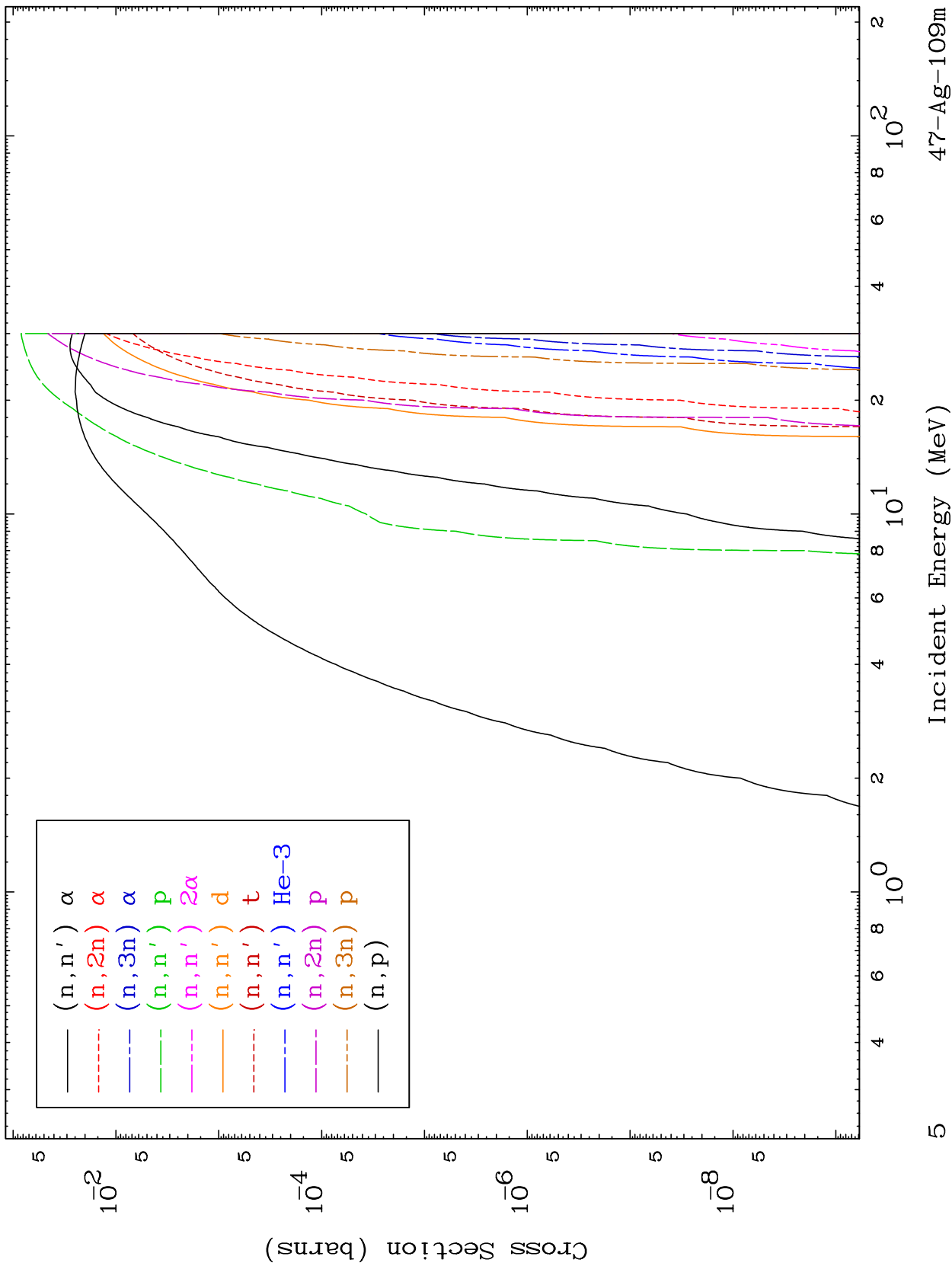


MAT 4732

Neutron Absorption  
293 Kelvin Cross Sections

47-Ag-109m

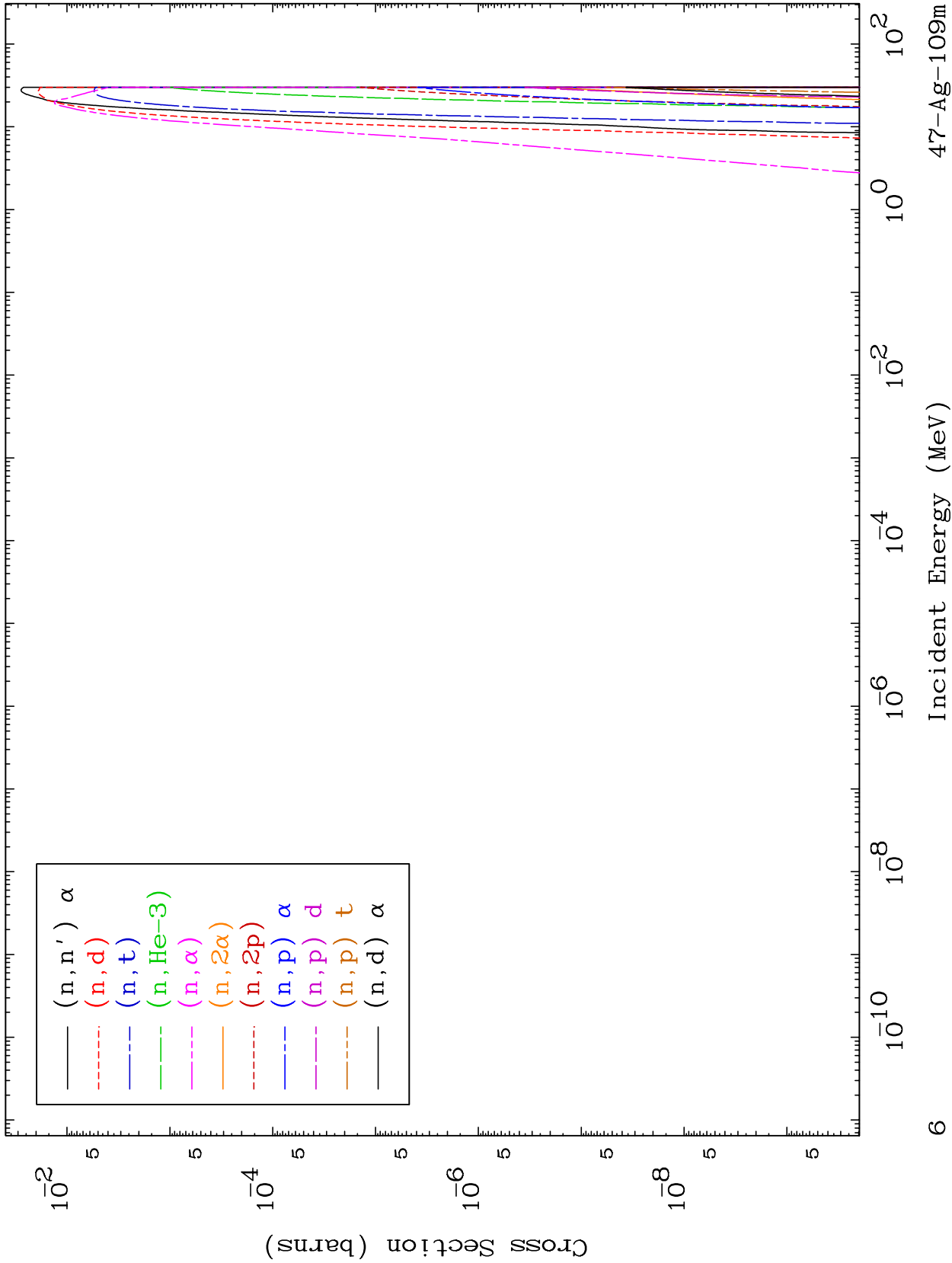




MAT 4732

Charged Particle  
293 Kelvin Cross Sections

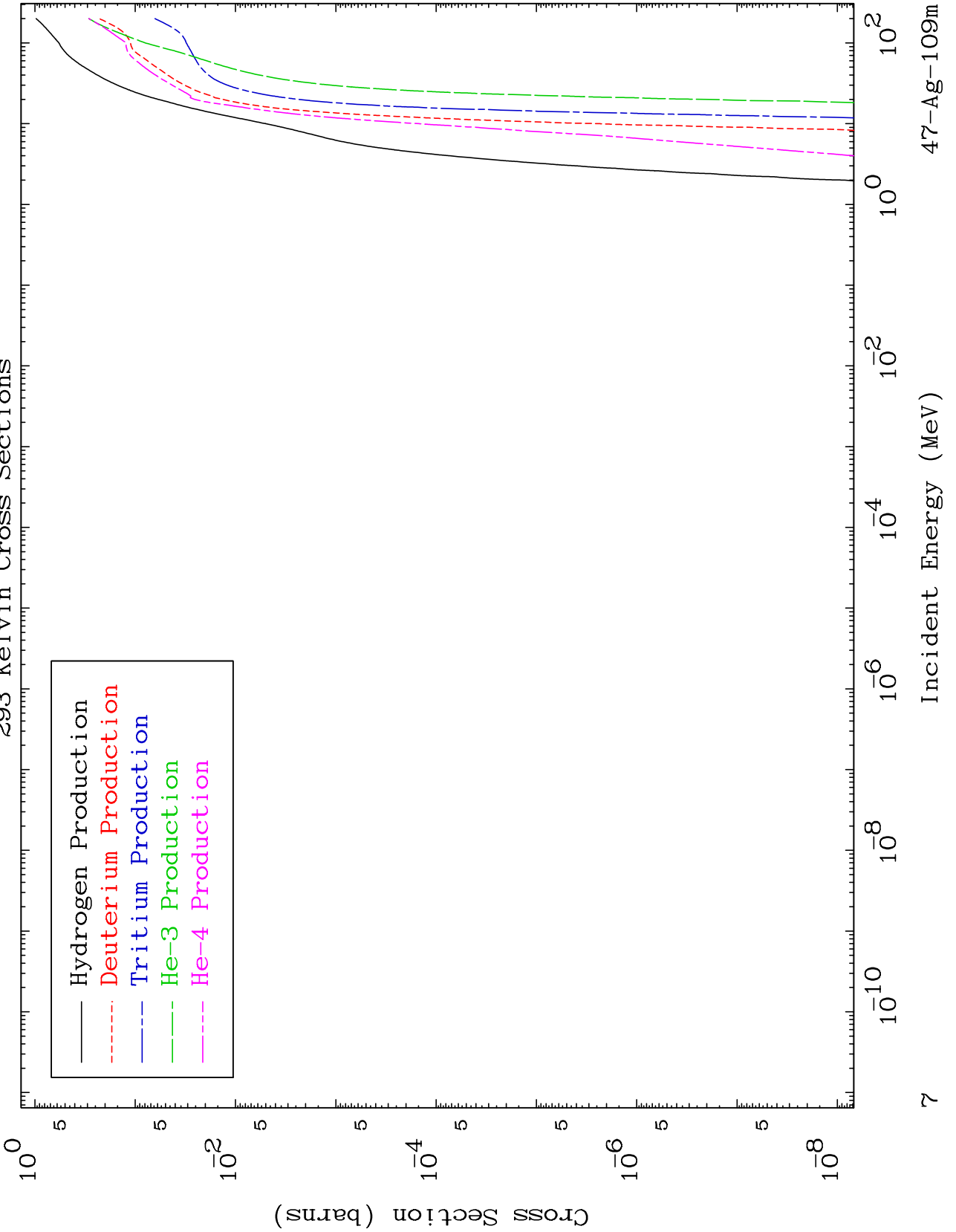
47-Ag-109m



MAT 4732

Particle Production  
293 Kelvin Cross Sections

47-Ag-109m

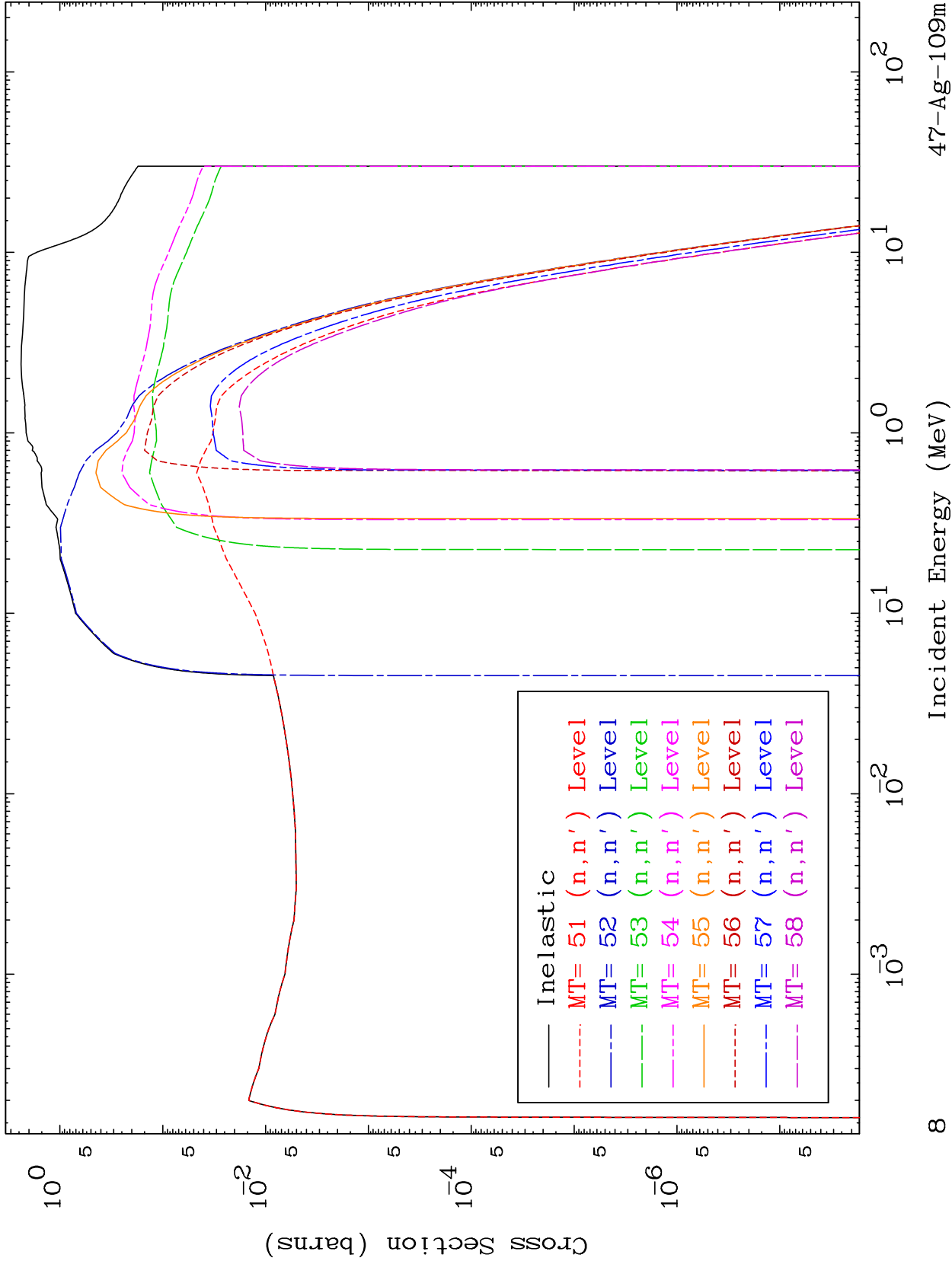




MAT 4732

(n,n') Levels  
293 Kelvin Cross Sections

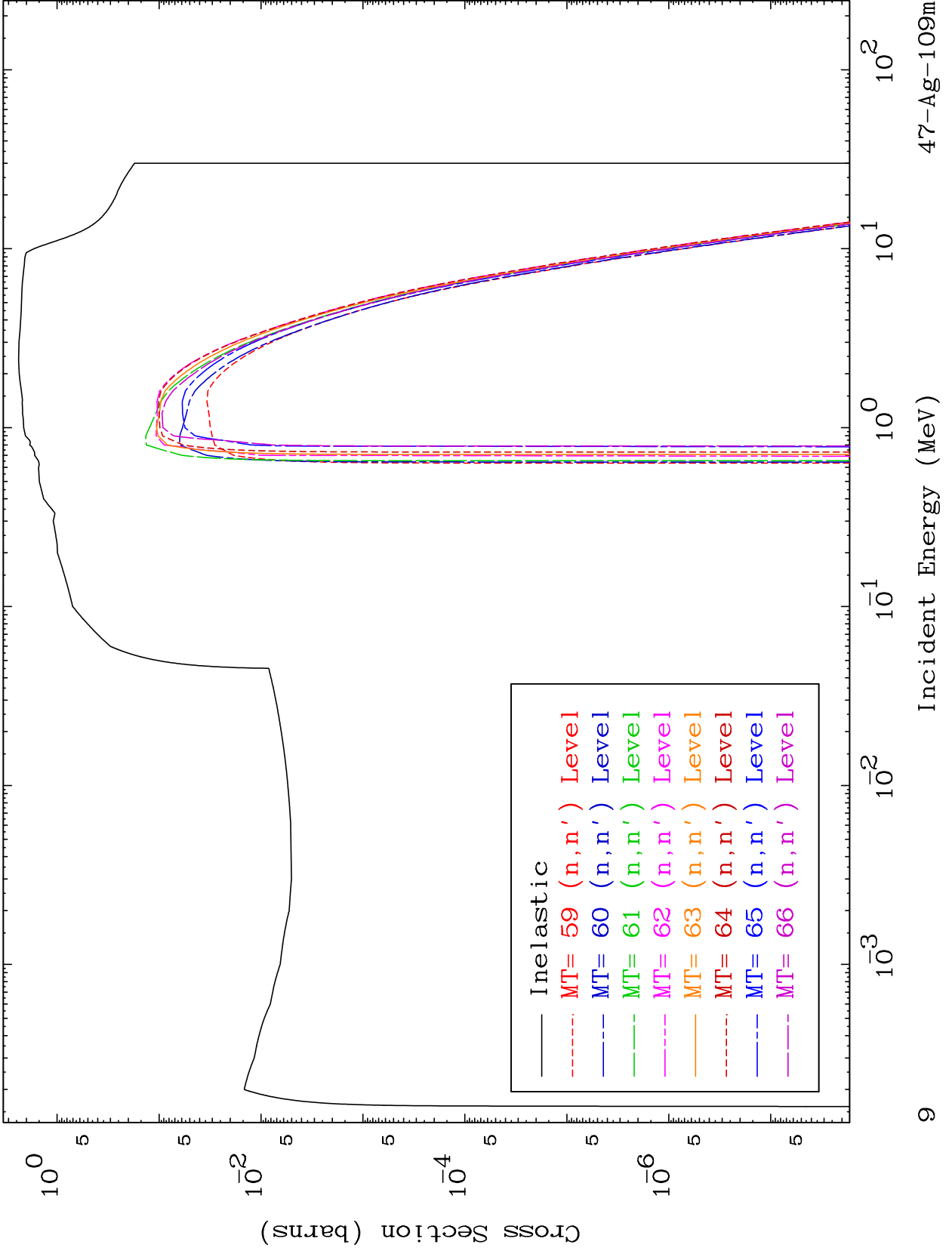
47-Ag-109m



MAT 4732

293 Kelvin Cross Sections  
(n,n') Levels

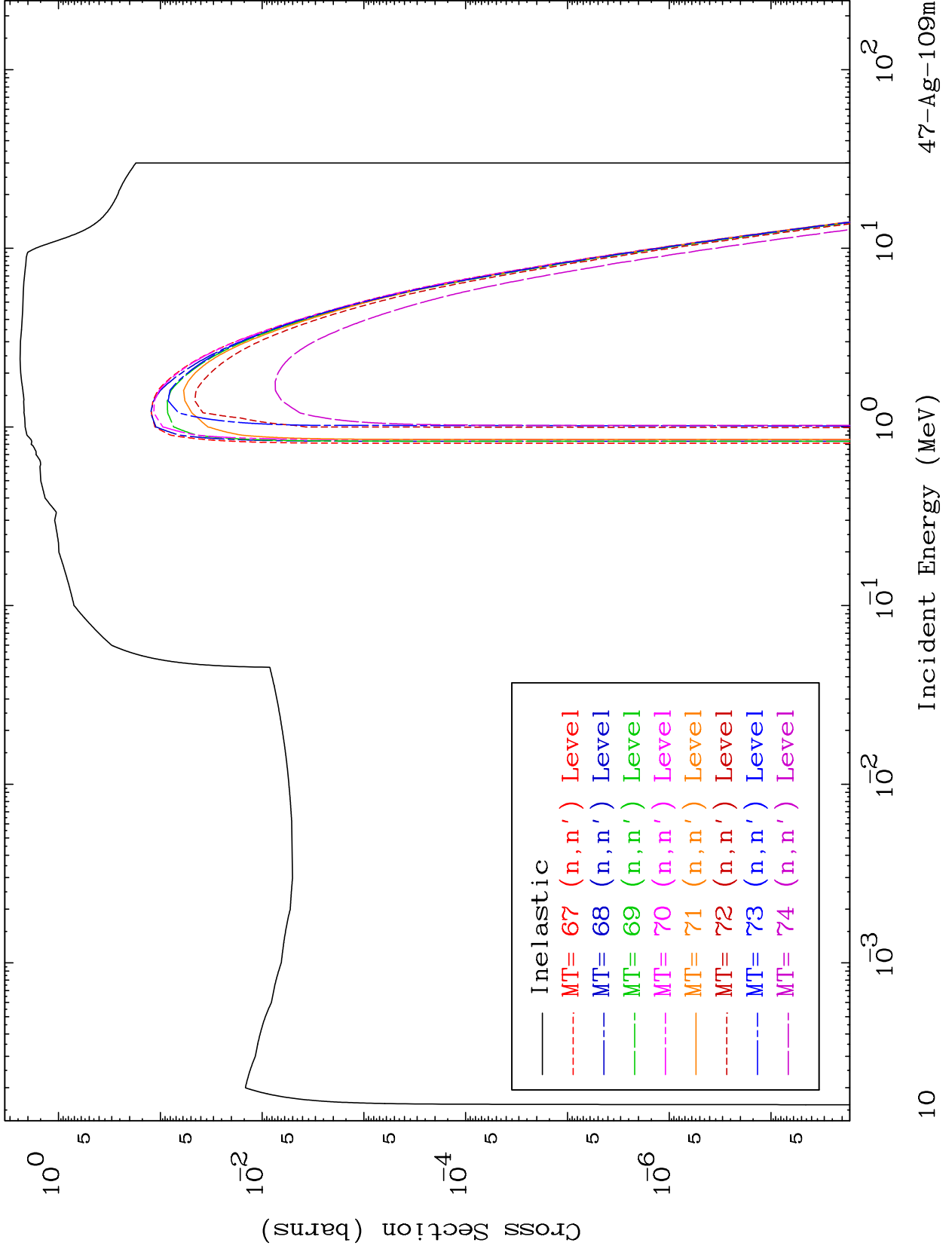
47-Ag-109m



MAT 4732

(n,n') Levels  
293 Kelvin Cross Sections

47-Ag-109m

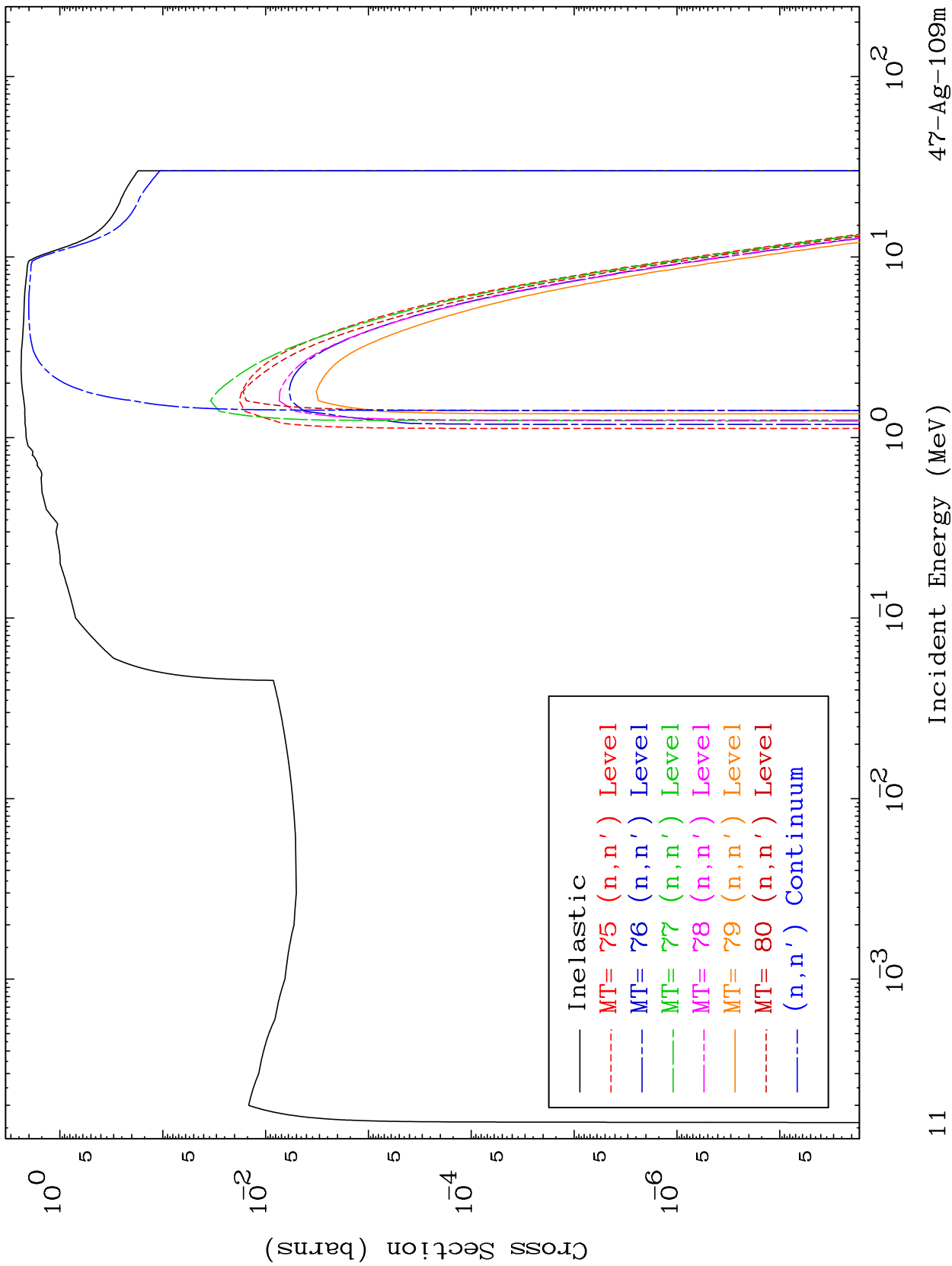


10

MAT 4732

(n,n') Levels  
293 Kelvin Cross Sections

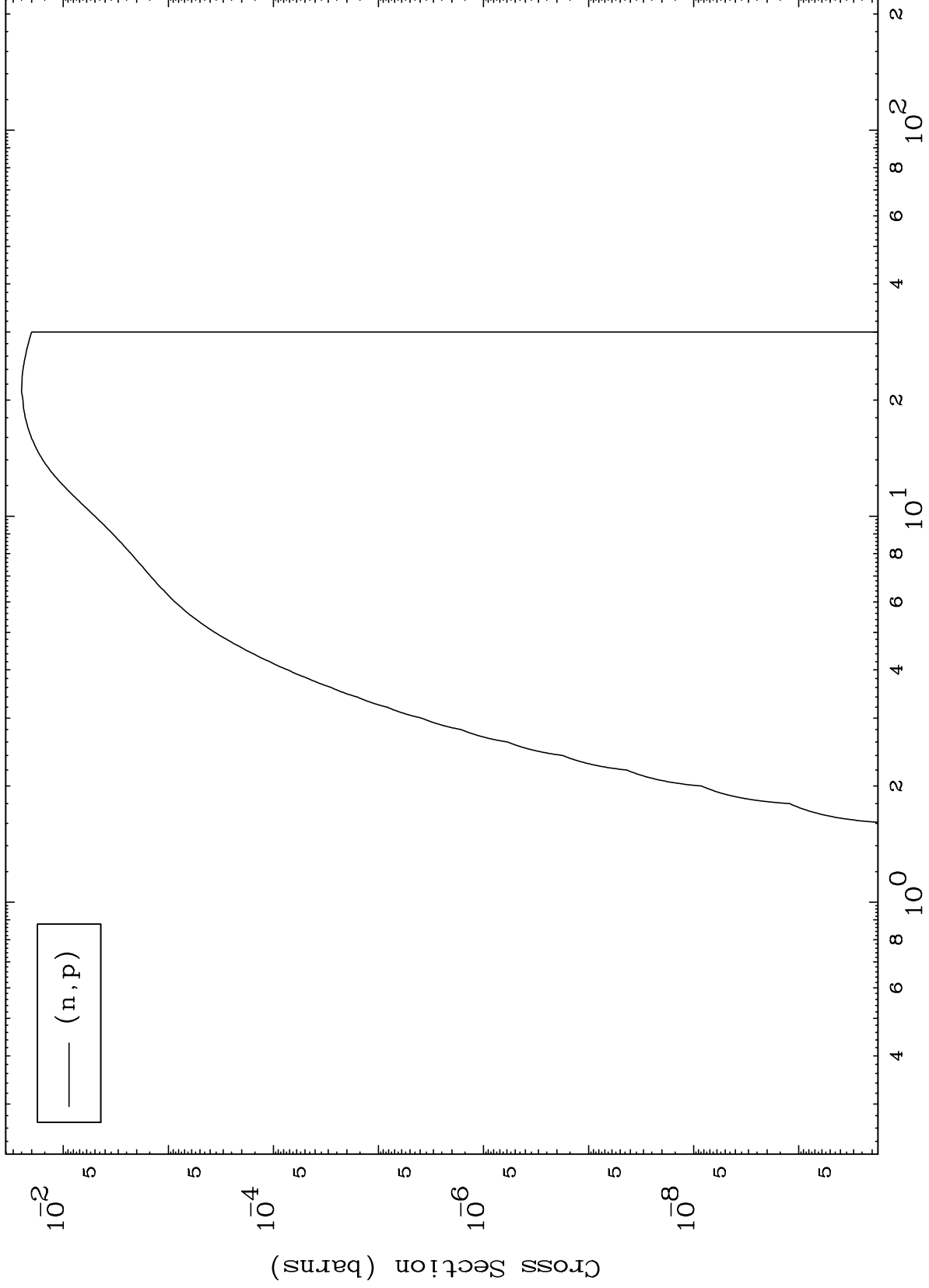
47-Ag-109m



MAT 4732

(n,p) Levels  
293 Kelvin Cross Sections

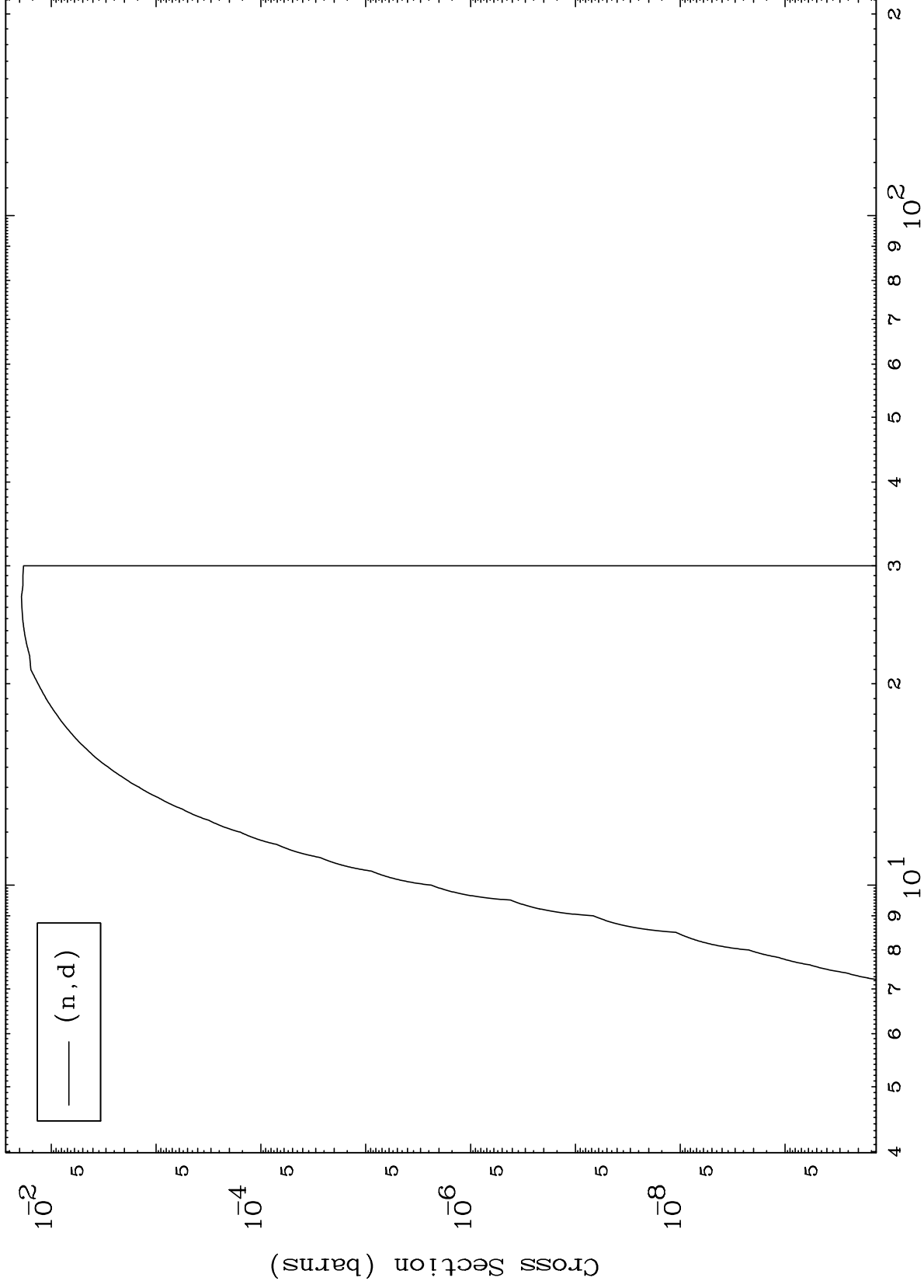
47-Ag-109m



MAT 4732

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-109m



13

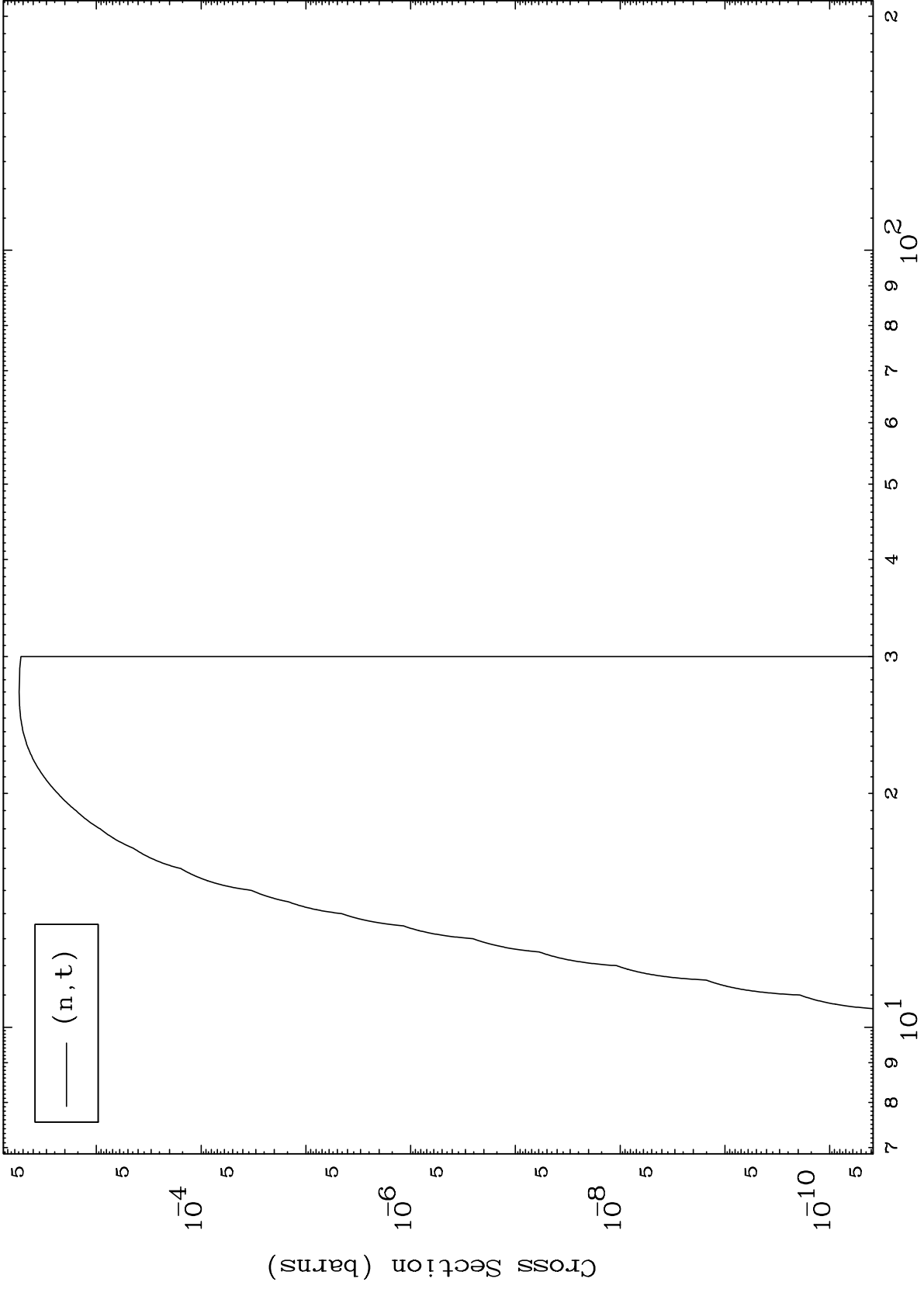
Incident Energy (MeV)

47-Ag-109m

MAT 4732

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-109m



14

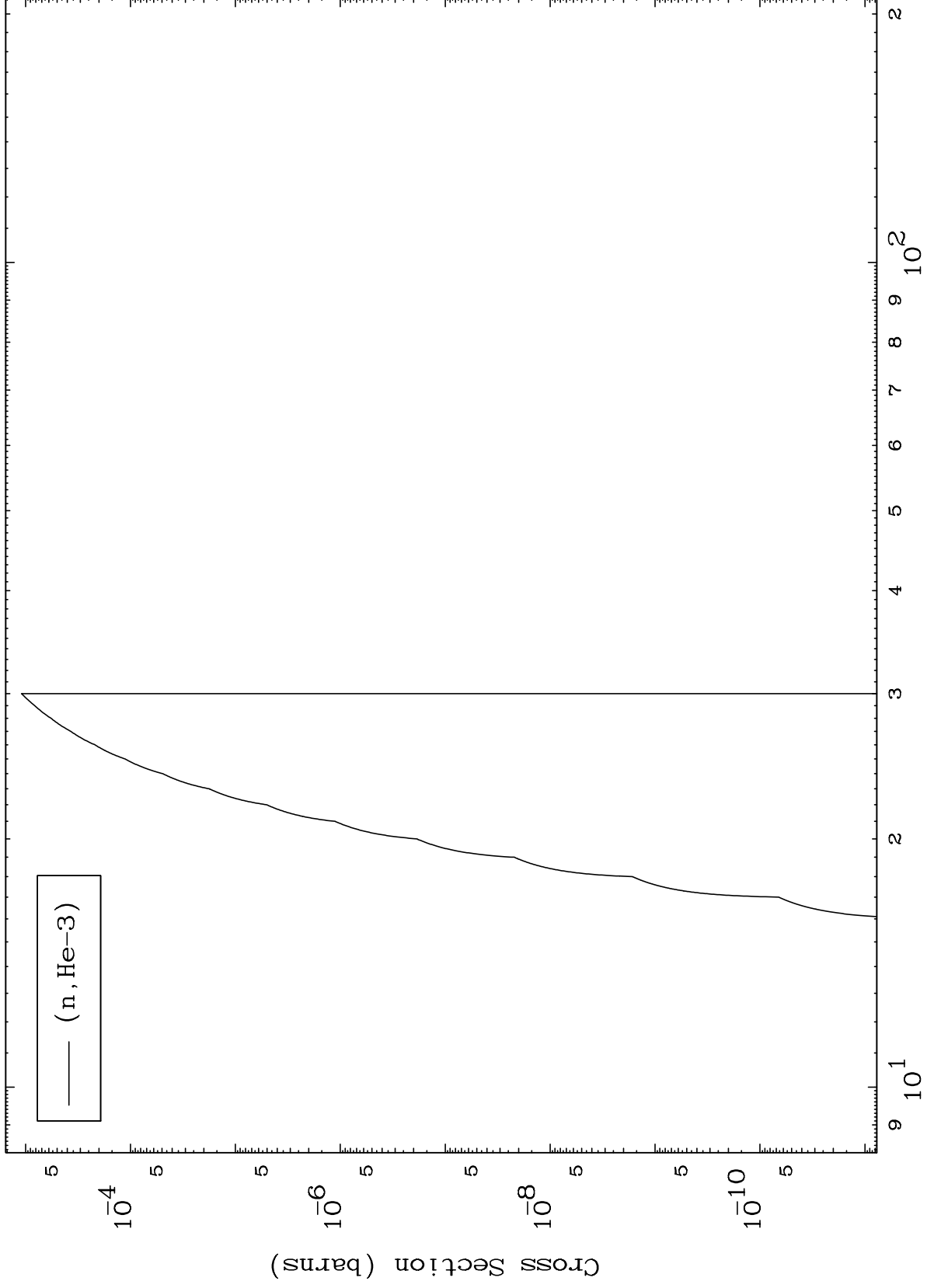
Incident Energy (MeV)

47-Ag-109m

MAT 4732

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-109m



15

Incident Energy (MeV)

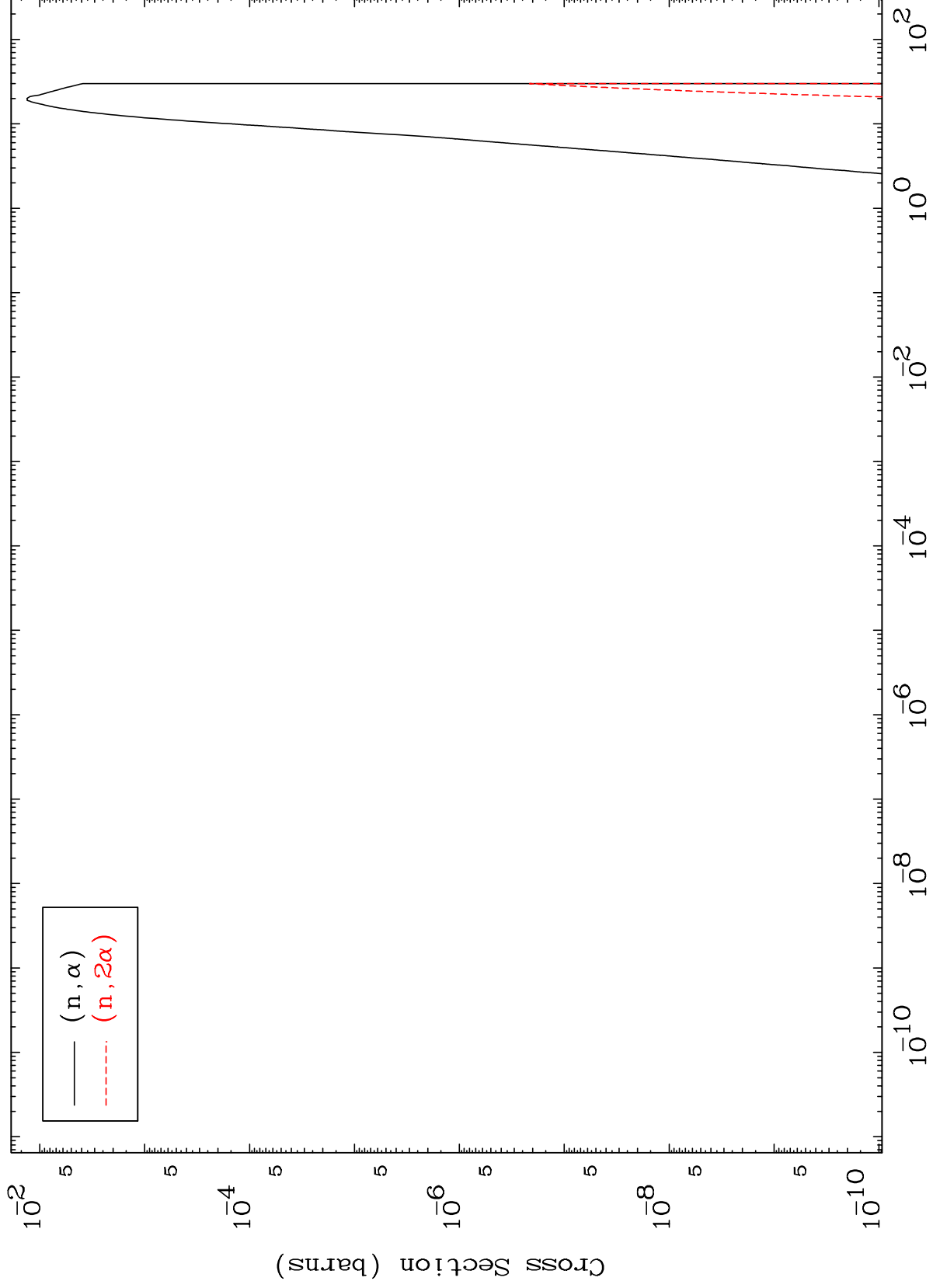
47-Ag-109m



MAT 4732

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

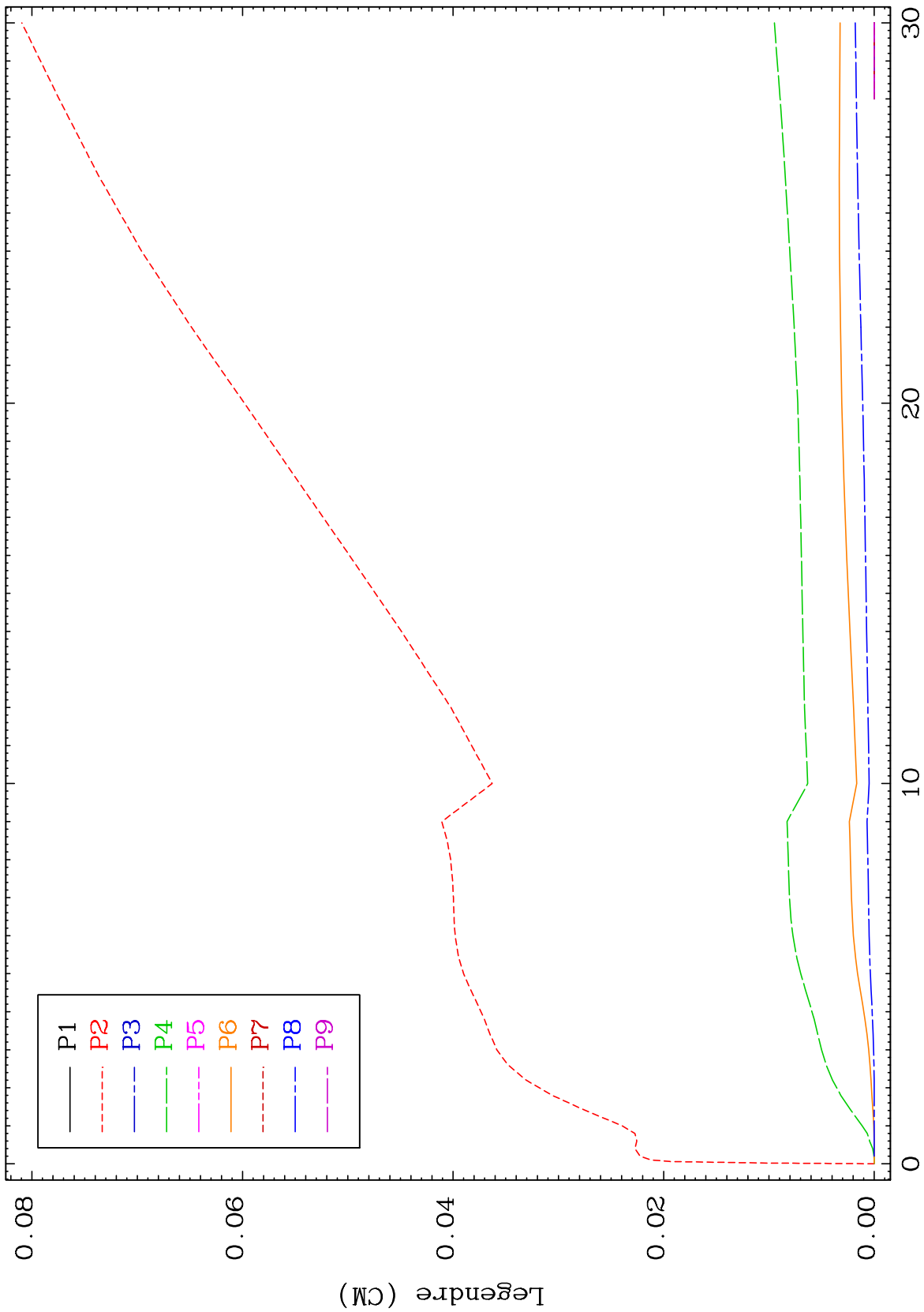
47-Ag-109m



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Elastic Legendre Coefficients

47-Ag-109m



17

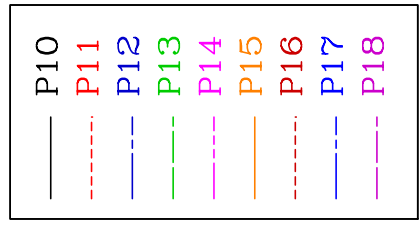
Incident Energy (MeV)

47-Ag-109m

MAT 4732

Elastic Legendre Coefficients

47-Ag-109m



$\times 10^{-4}$

Legendre (CM)

6

4

2

0

5

10

15

20

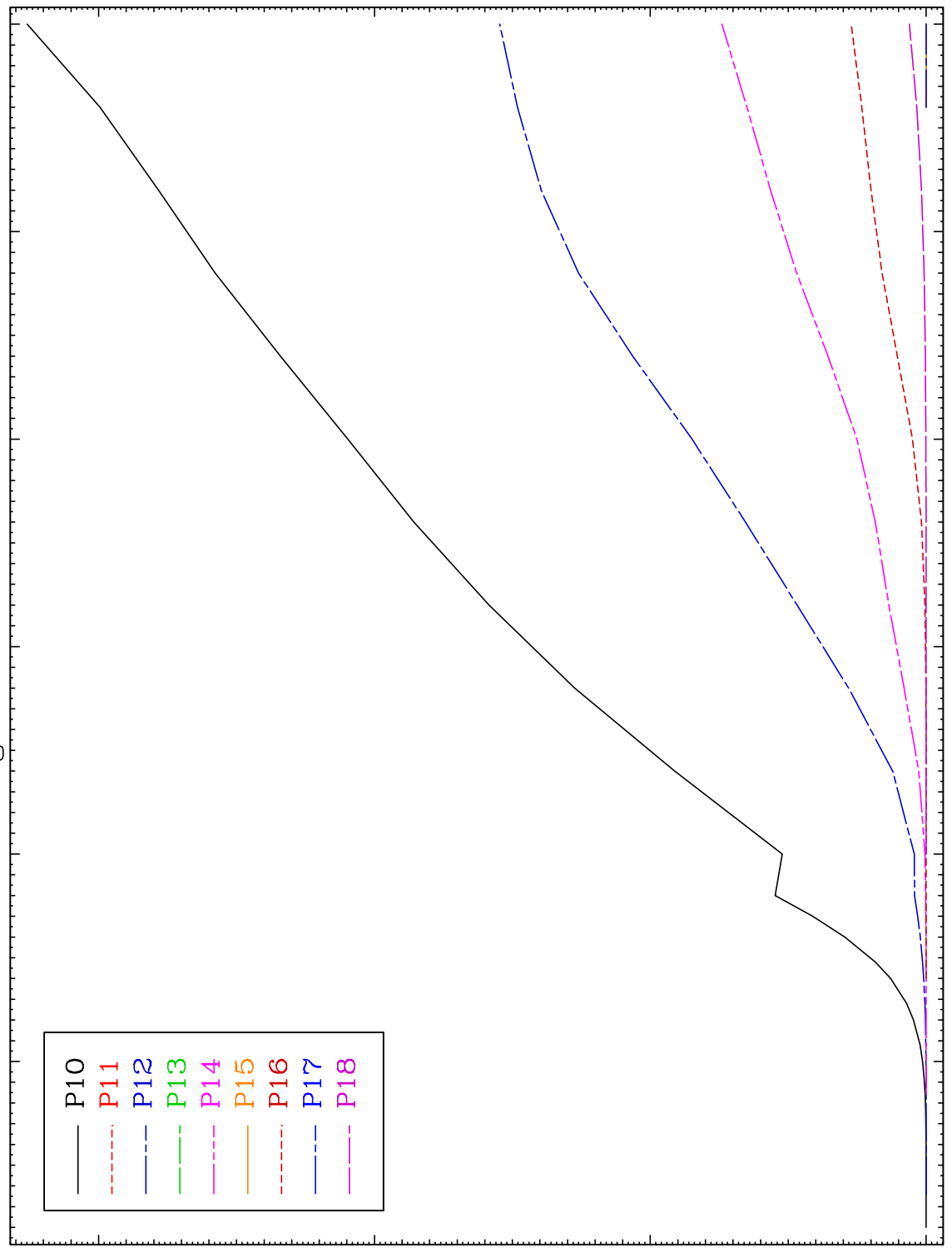
25

30

18

Incident Energy (MeV)

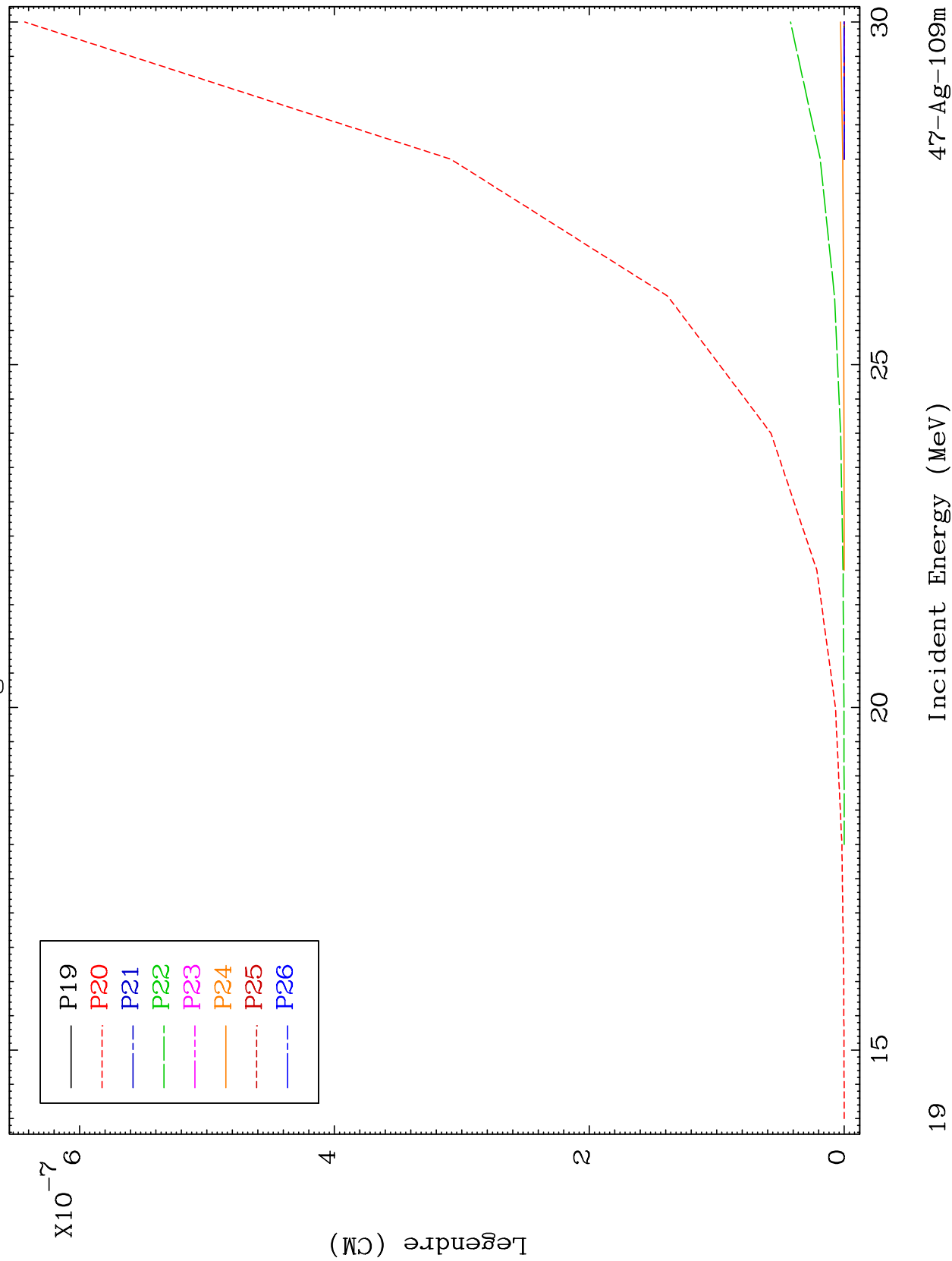
47-Ag-109m



MAT 4732

Elastic Legendre Coefficients

47-Ag-109m

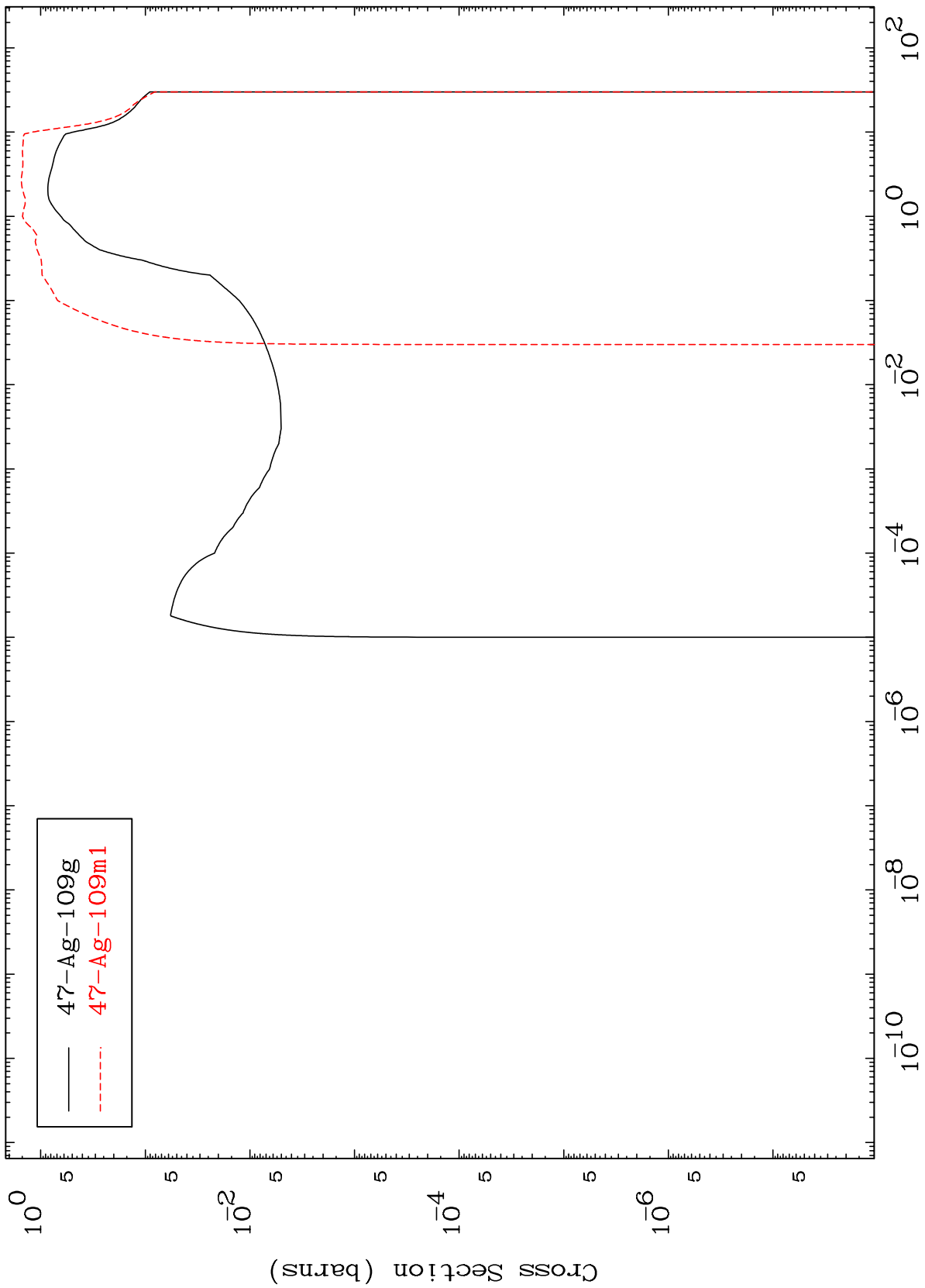


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26

MAT 4732

47-Ag-109m

Inelastic  
Radionuclide Production Cross Section



— 47-Ag-109g  
- - - 47-Ag-109m1

47-Ag-109m

Incident Energy (MeV)

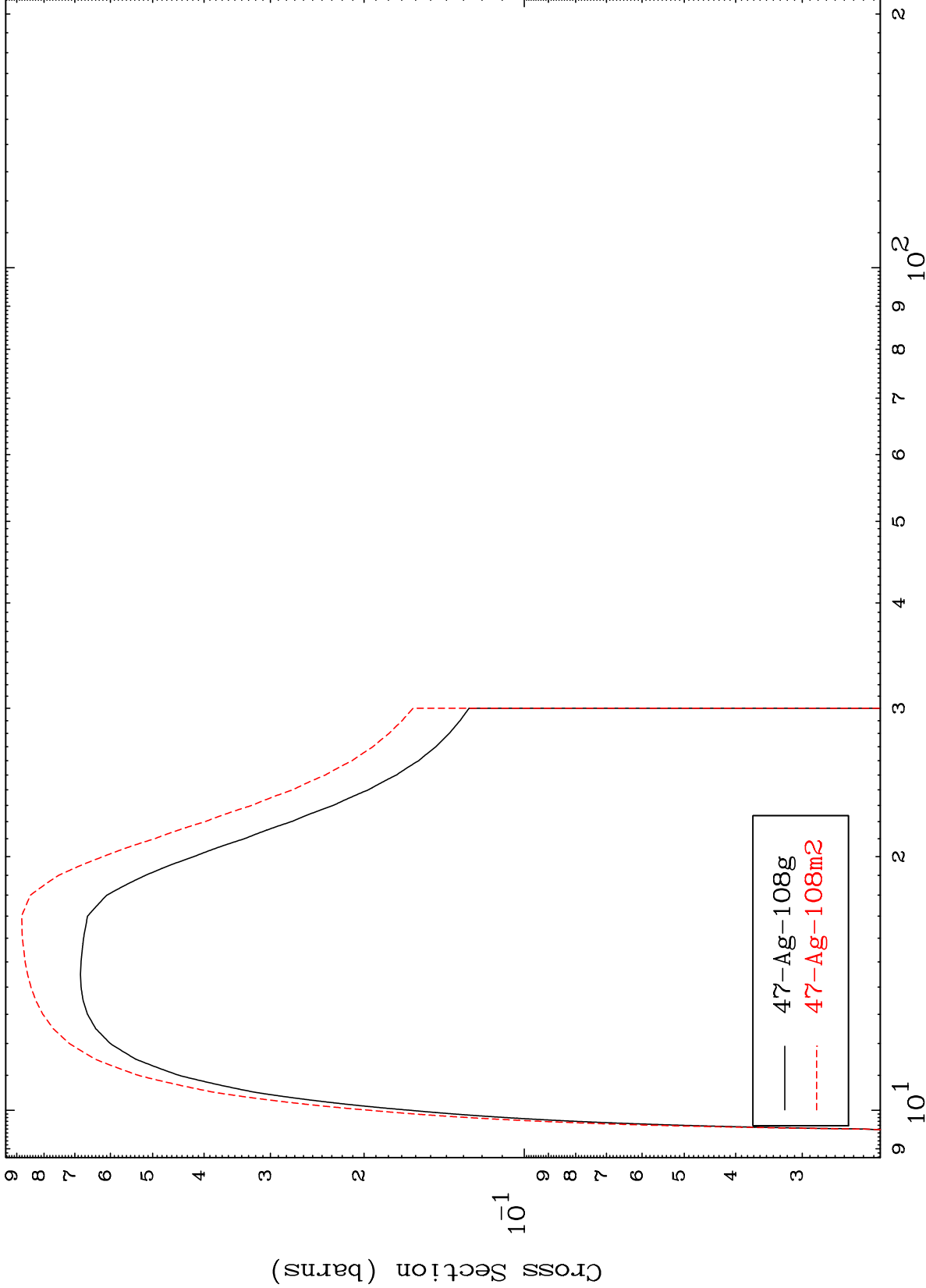
20

MAT 4732

(n,2n)

47-Ag-109m

Radionuclide Production Cross Section



— 47-Ag-108g  
- - - 47-Ag-108m2

Incident Energy (MeV)

47-Ag-109m

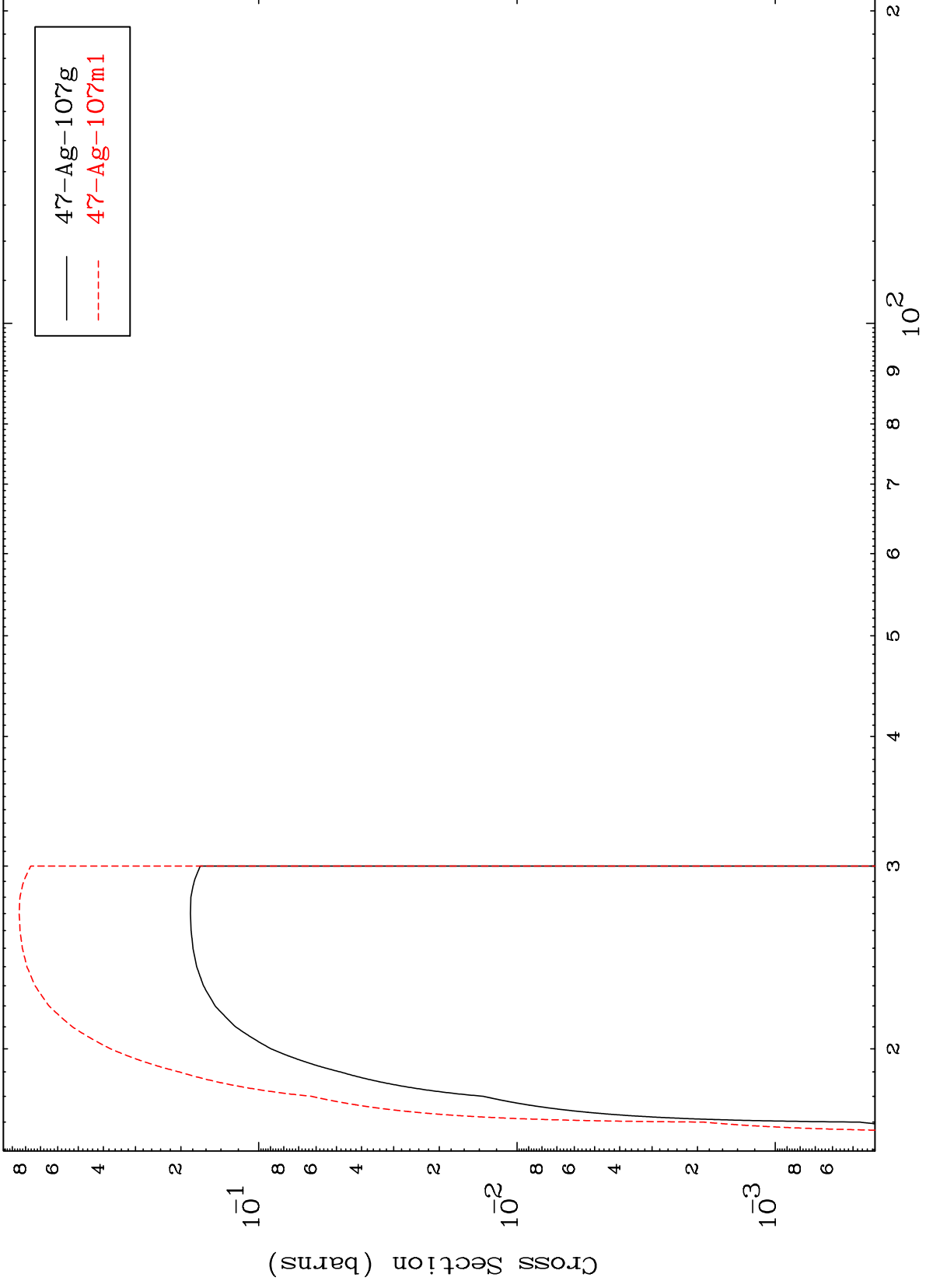
21

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(n,3n)

47-Ag-109m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

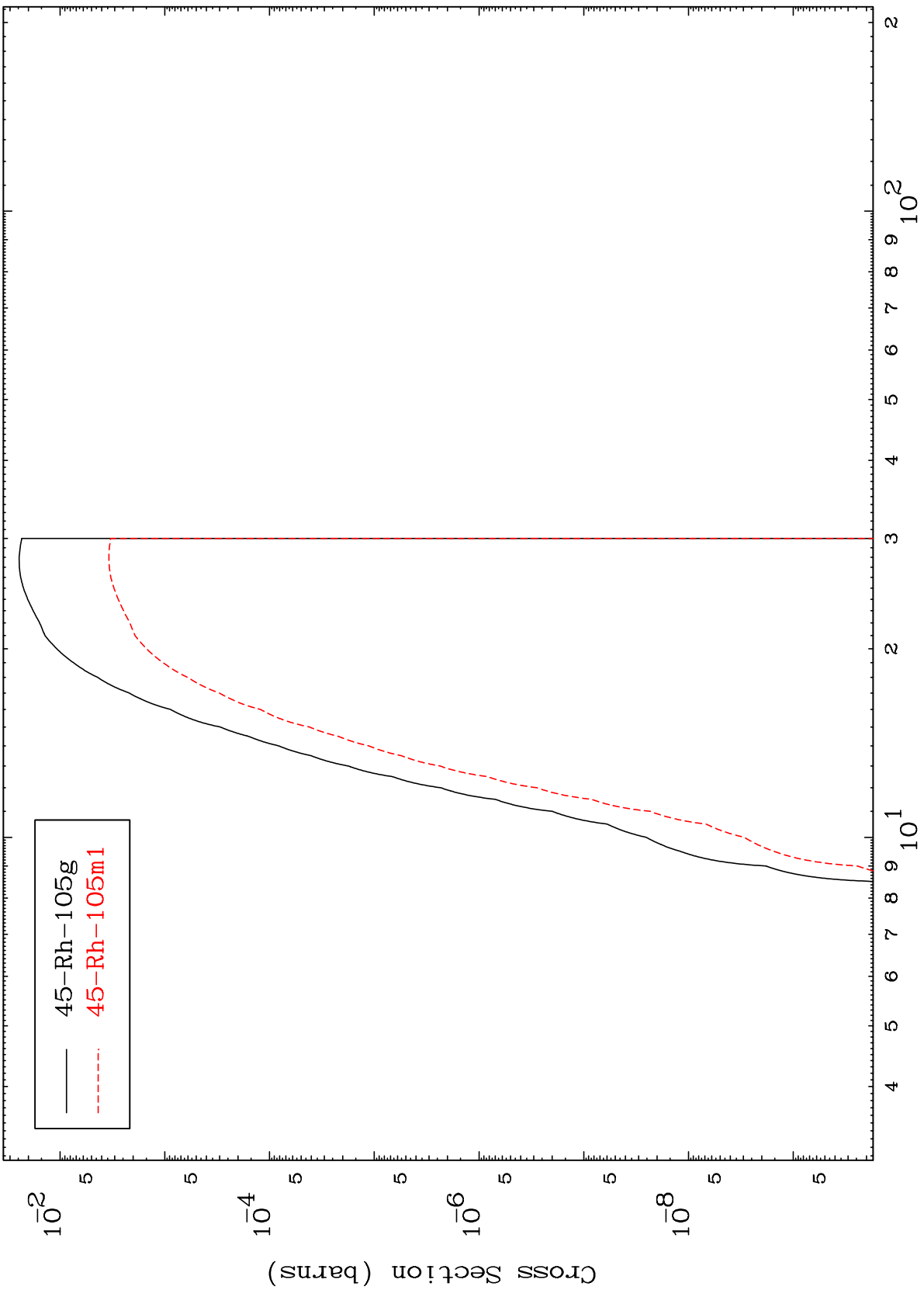
47-Ag-109m

MAT 4732

(n,n')  $\alpha$

47-Ag-109m

Radionuclide Production Cross Section

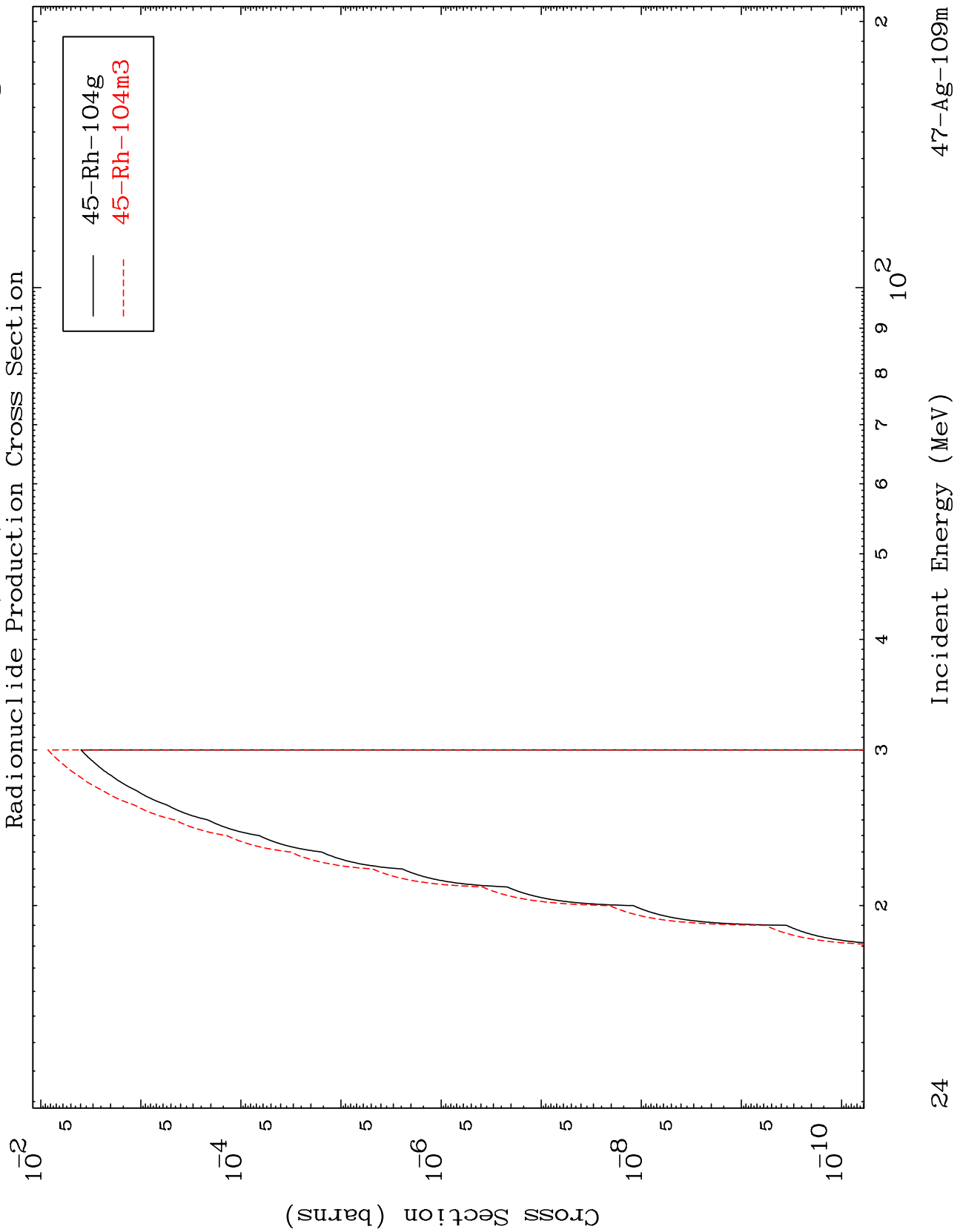




MAT 4732

(n,2n)  $\alpha$

47-Ag-109m

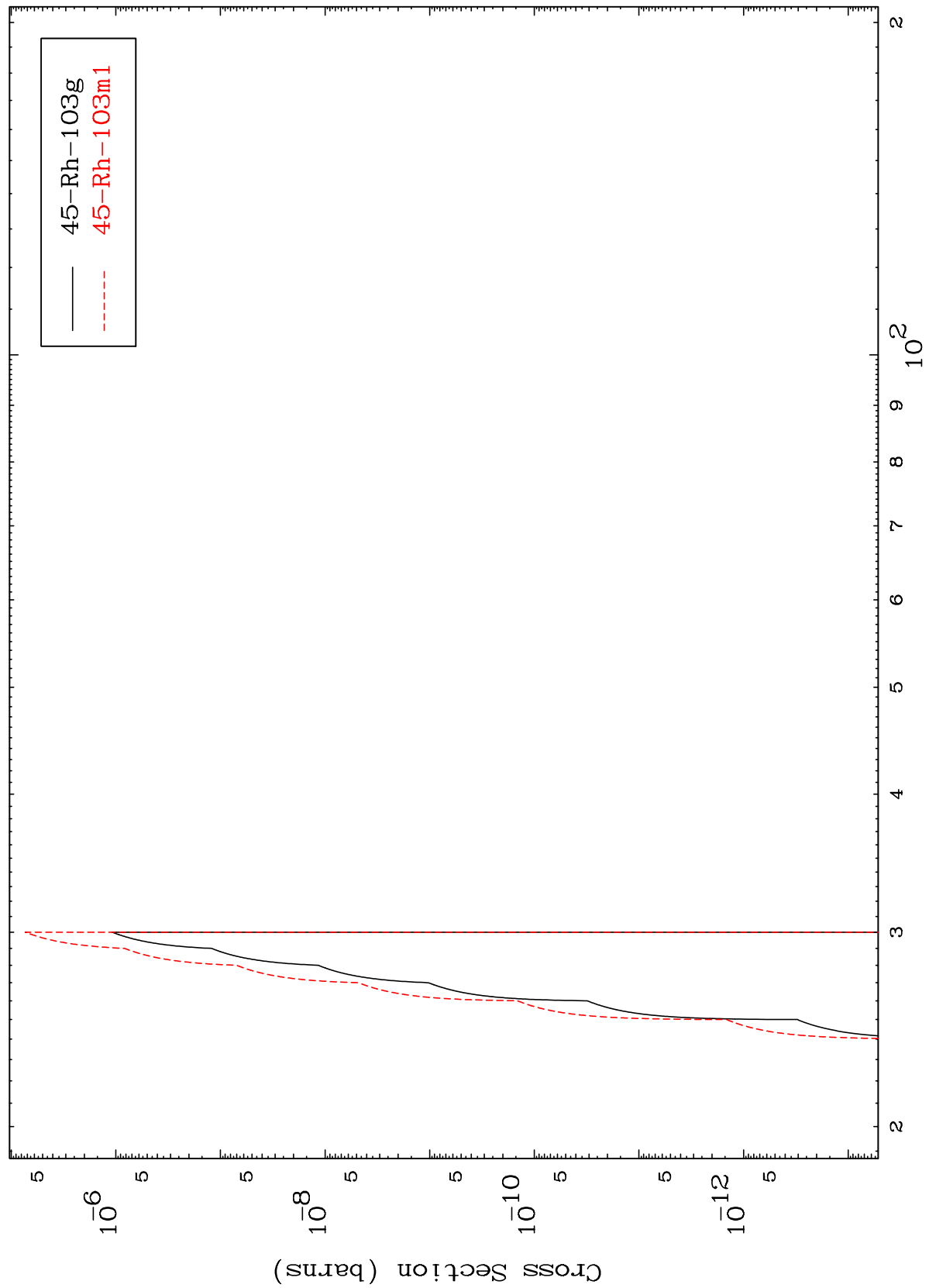


MAT 4732

(n,3n)  $\alpha$

47-Ag-109m

Radionuclide Production Cross Section



45-Rh-103g  
45-Rh-103m1

25

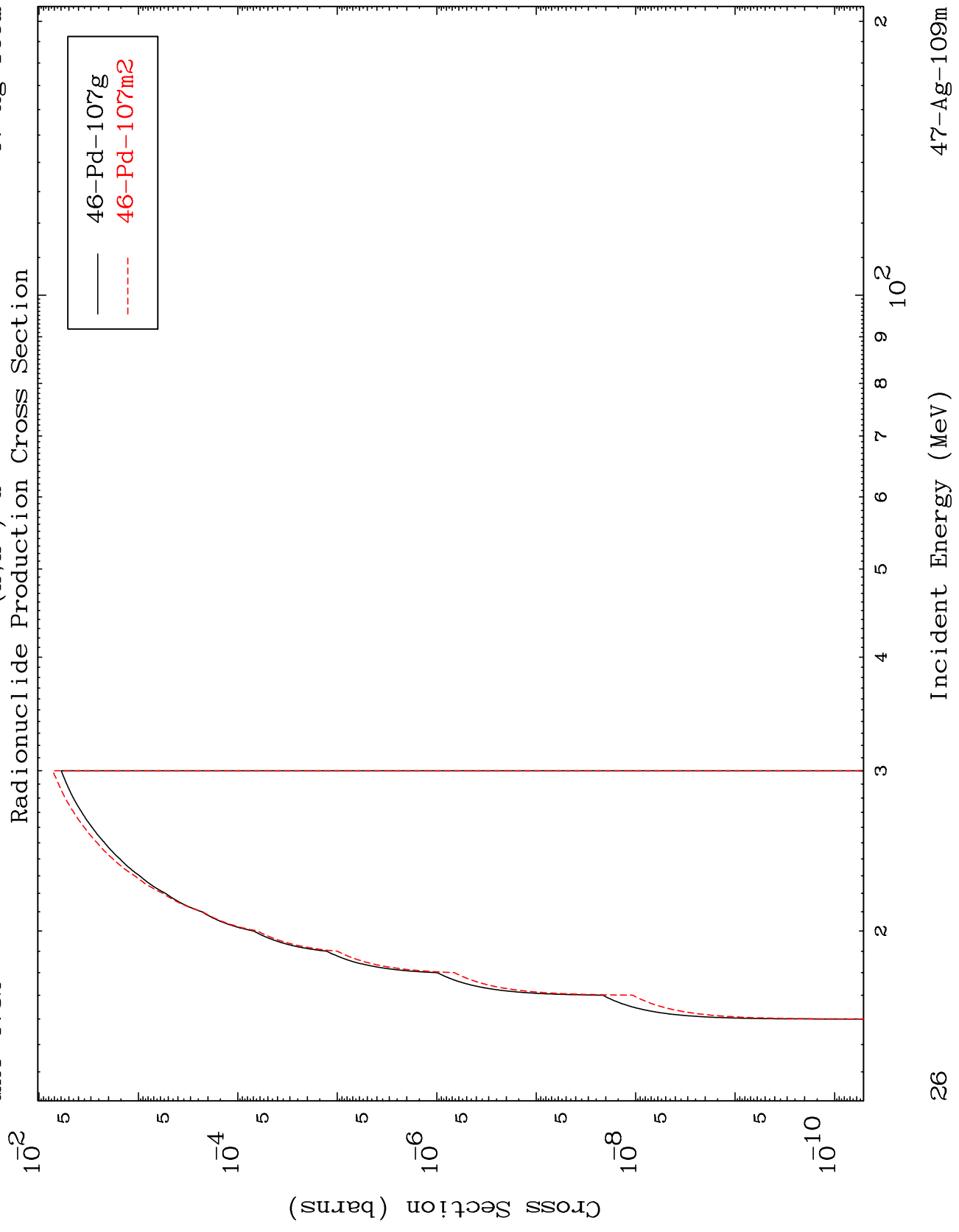
Incident Energy (MeV)

47-Ag-109m

MAT 4732

(n,n') d

47-Ag-109m

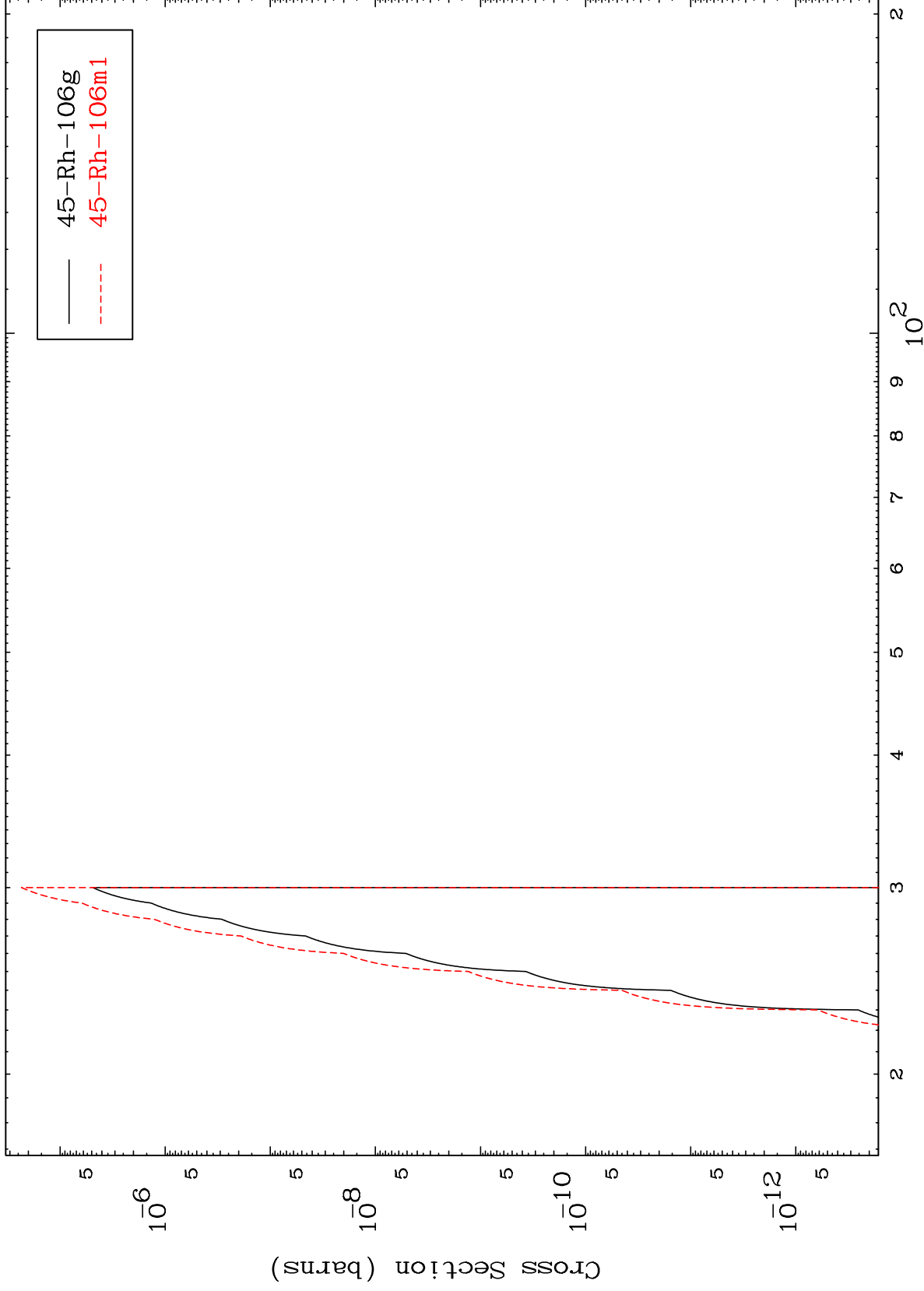


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(n,n') He-3

47-Ag-109m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

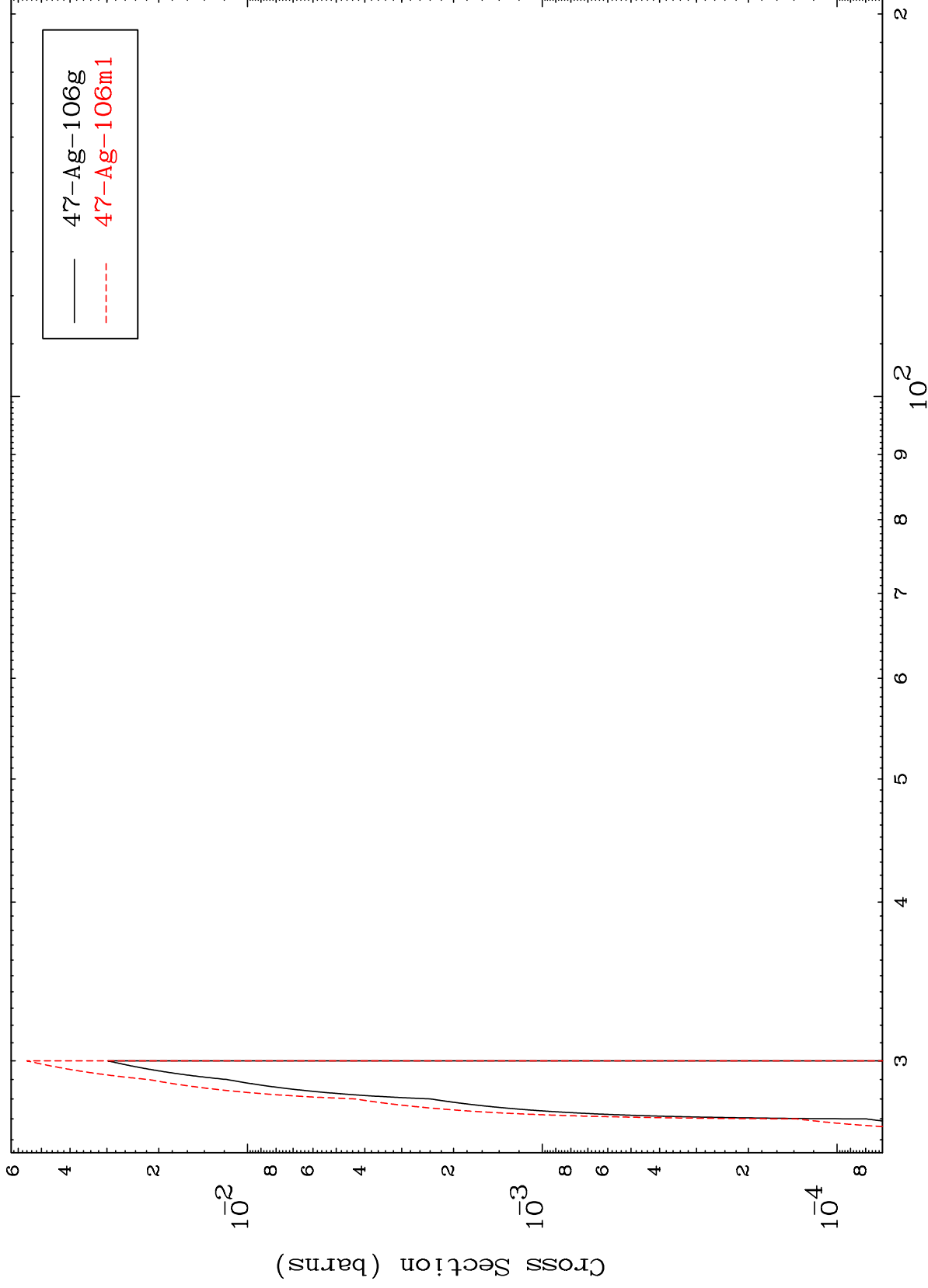
47-Ag-109m

MAT 4732

(n,4n)

47-Ag-109m

Radionuclide Production Cross Section

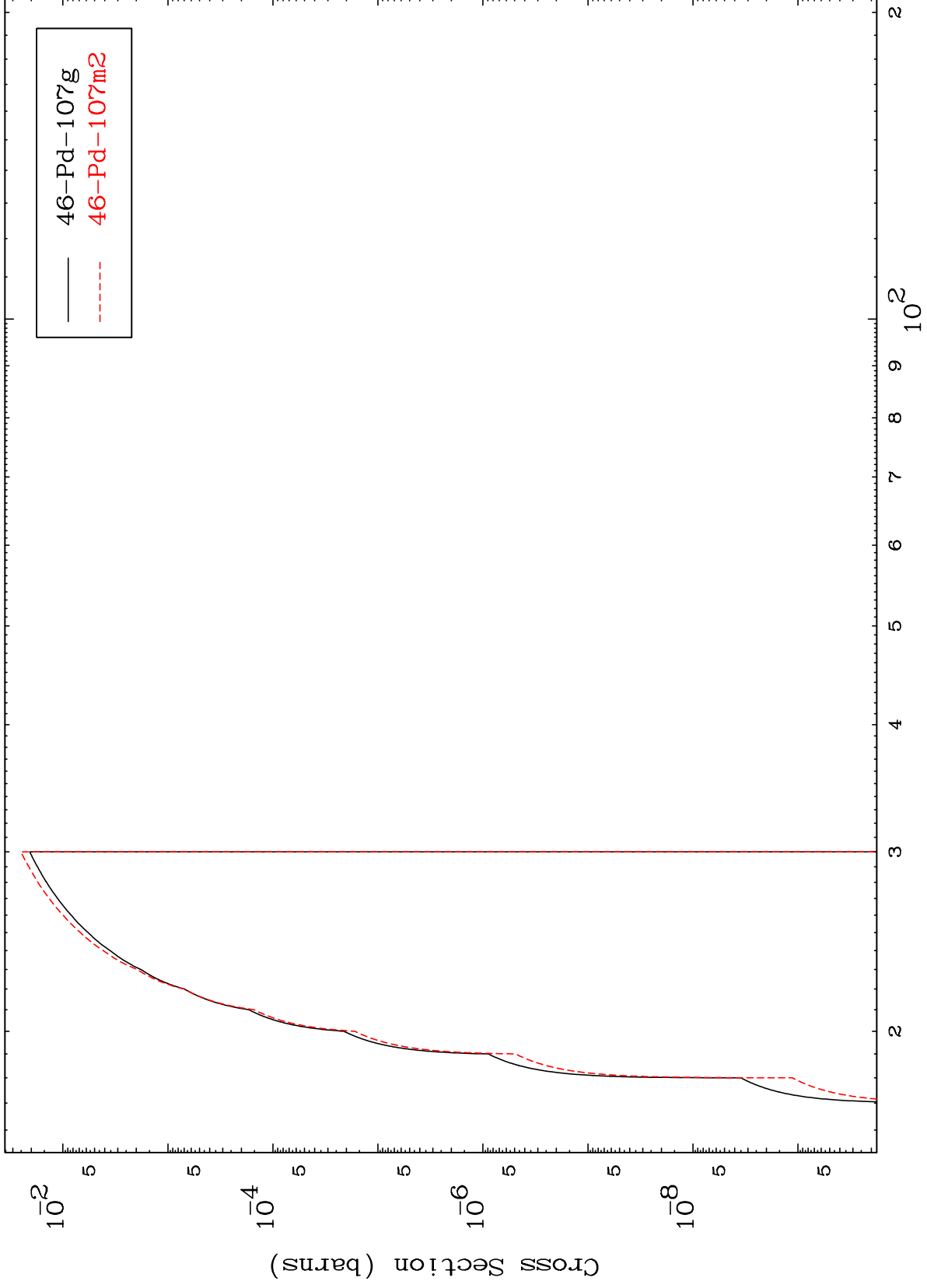


28

Incident Energy (MeV)

47-Ag-109m

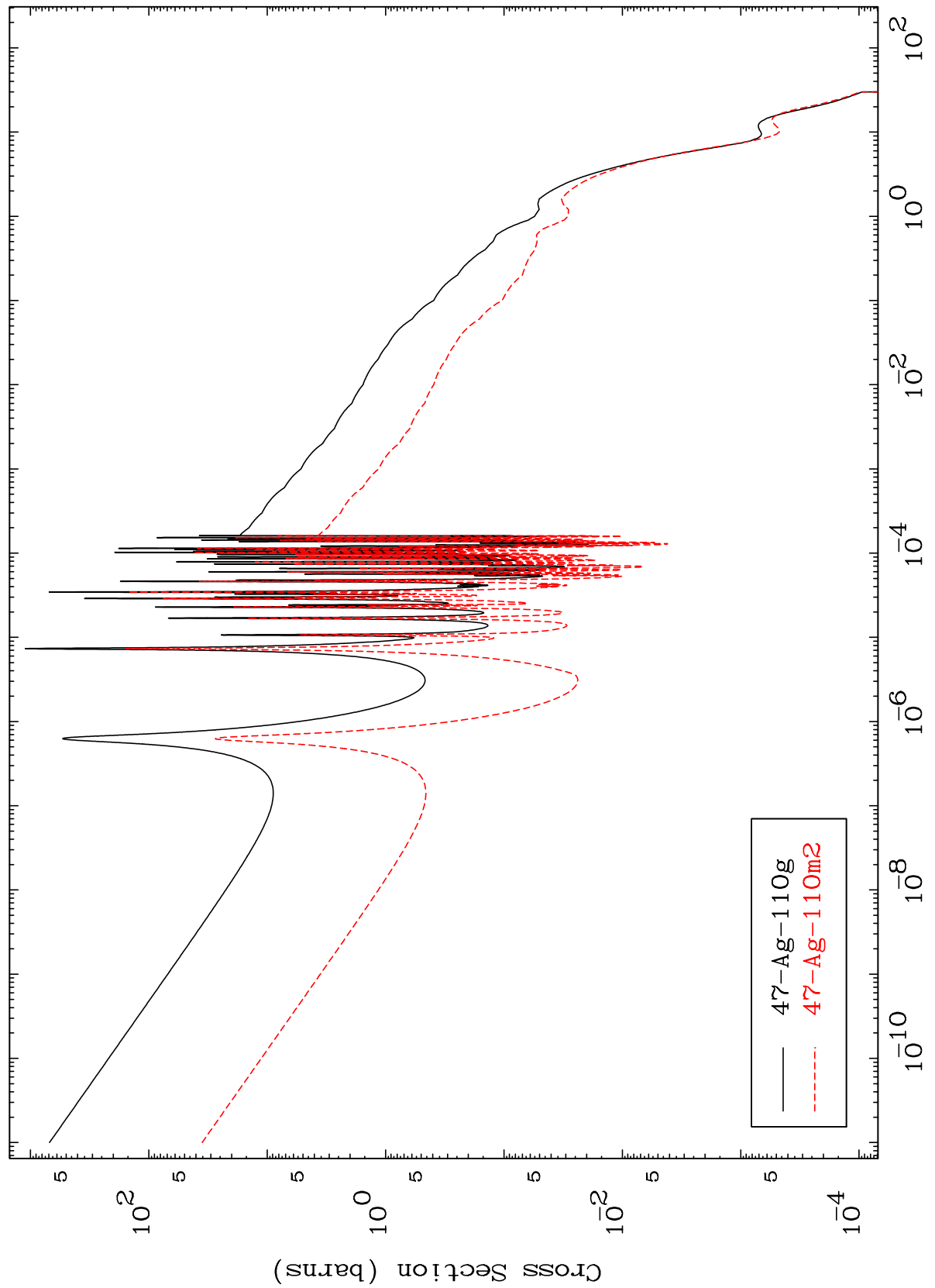
Radionuclide Production Cross Section



MAT 4732

47-Ag-109m

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



— 47-Ag-110g  
- - - 47-Ag-110m2

47-Ag-109m

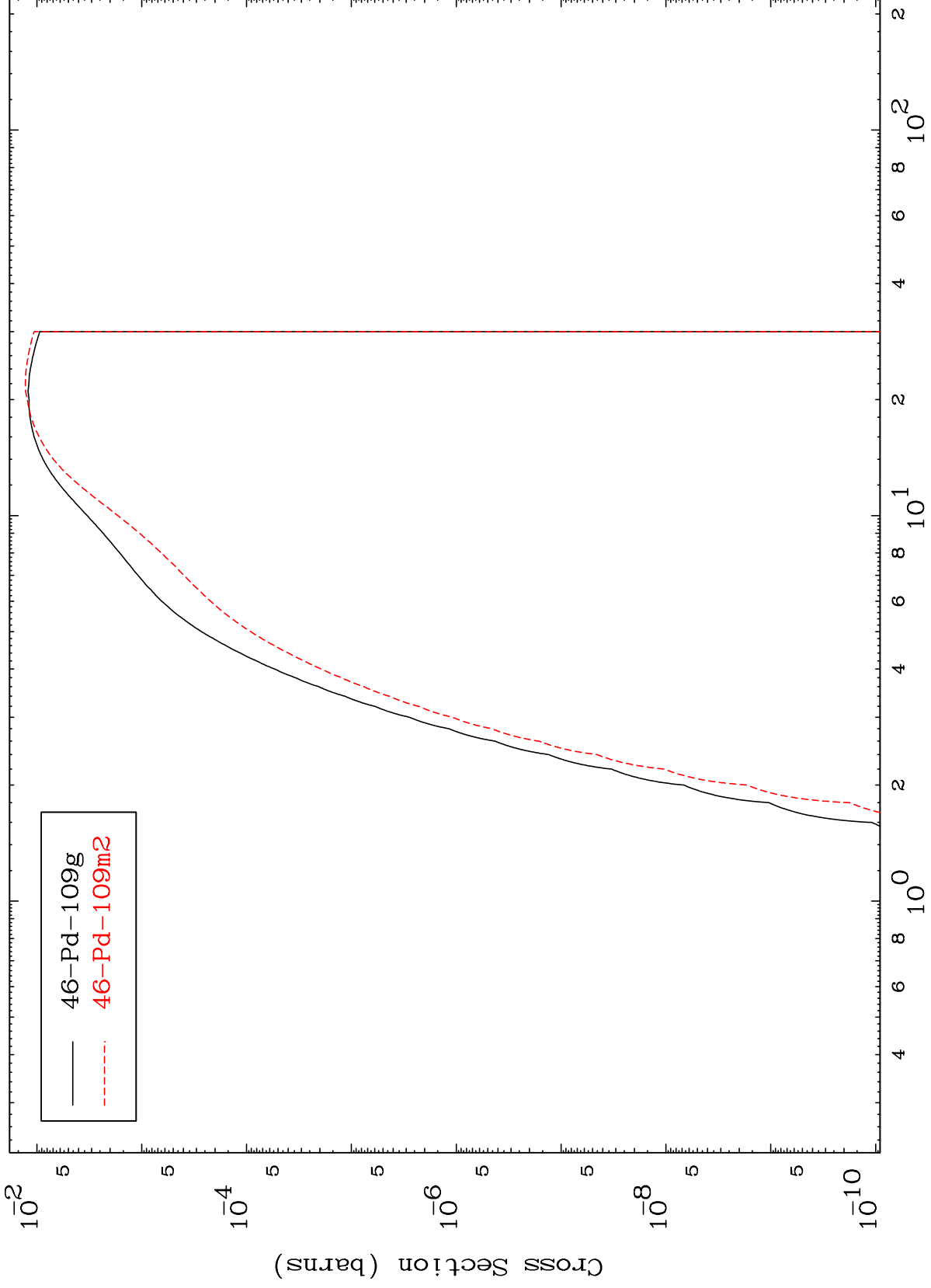
Incident Energy (MeV)

30

MAT 4732

47-Ag-109m

(n,p)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

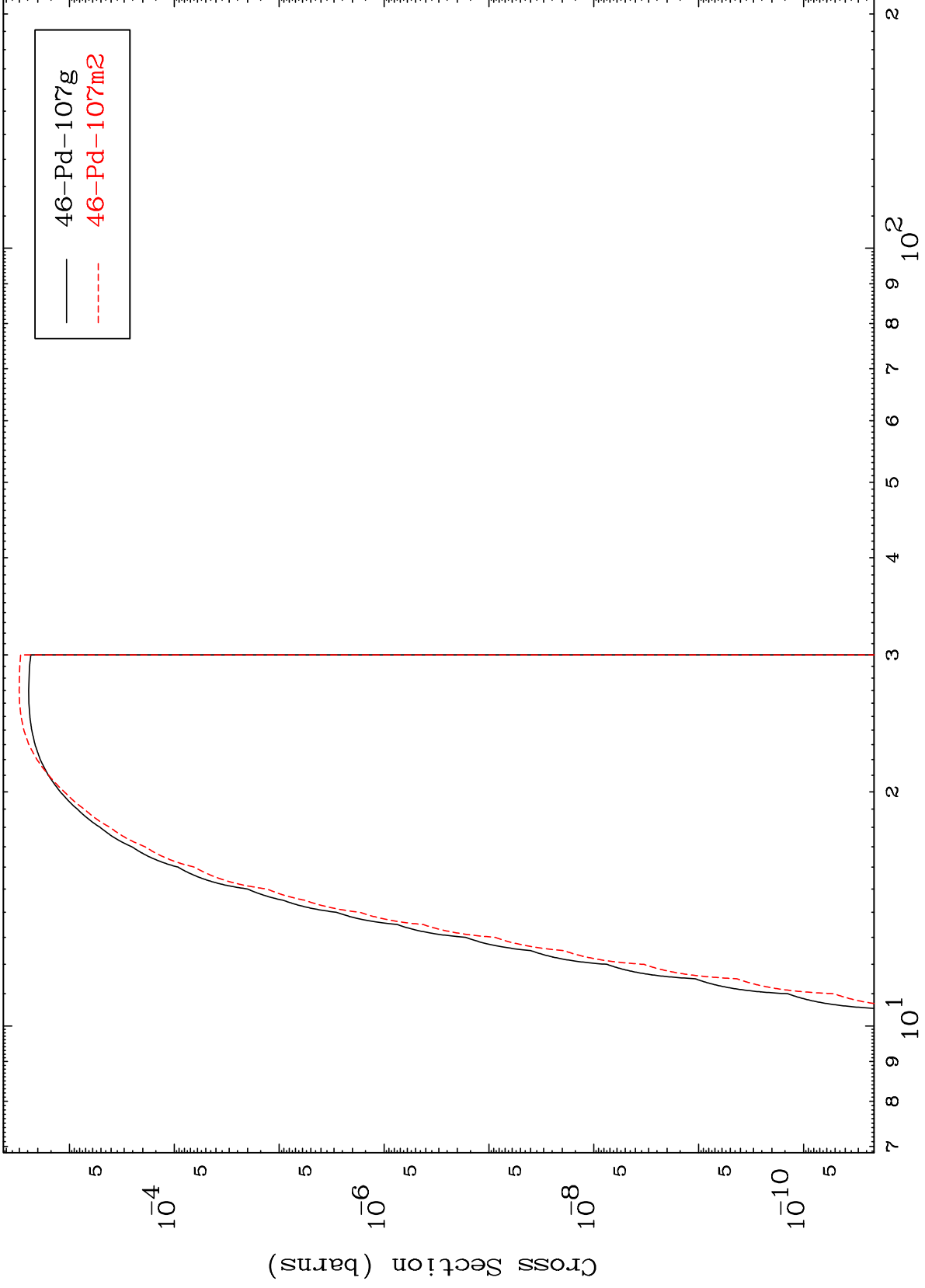
47-Ag-109m



MAT 4732

47-Ag-109m

(n, t)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

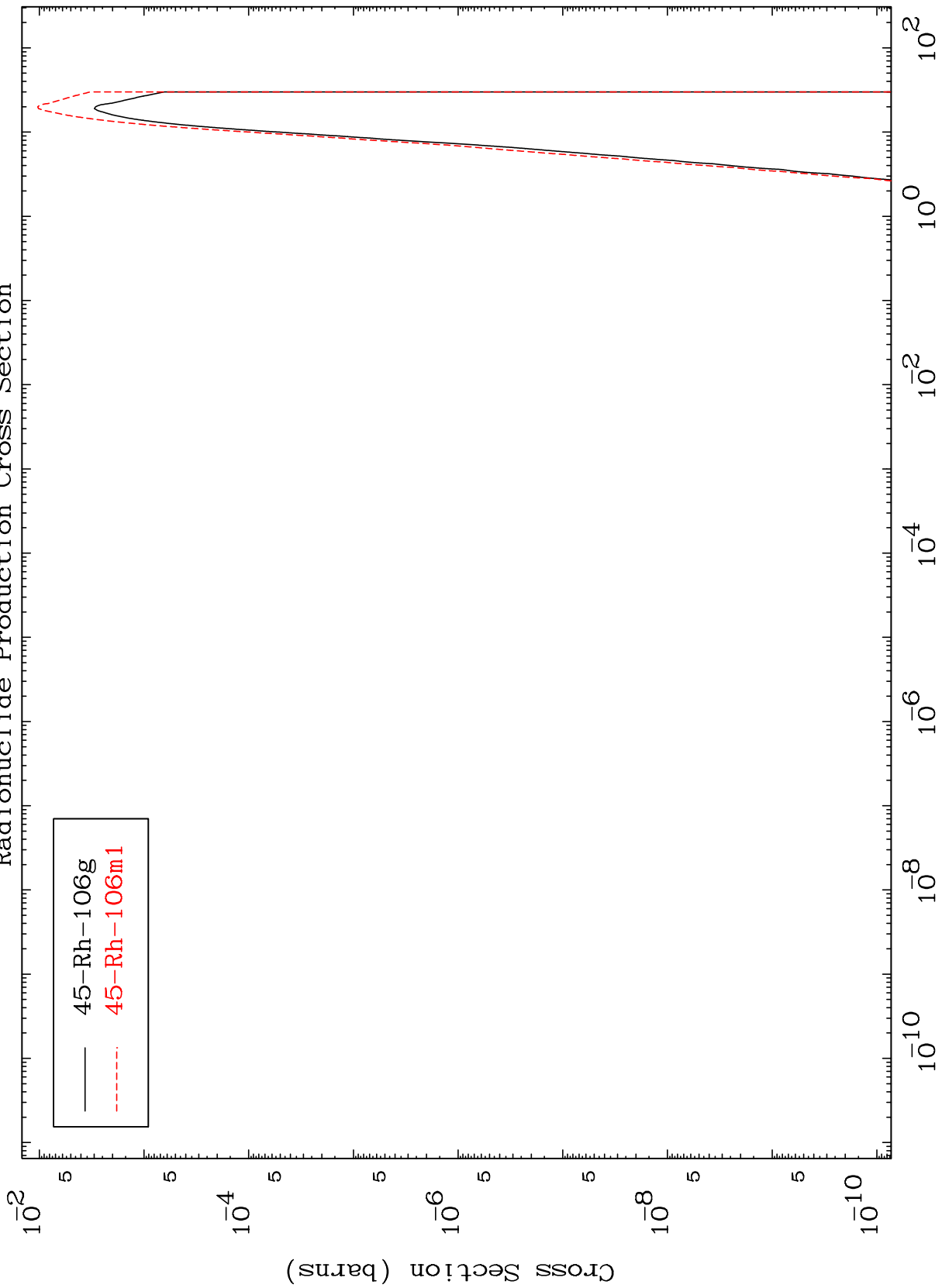
47-Ag-109m

MAT 4732

(n,  $\alpha$ )

47-Ag-109m

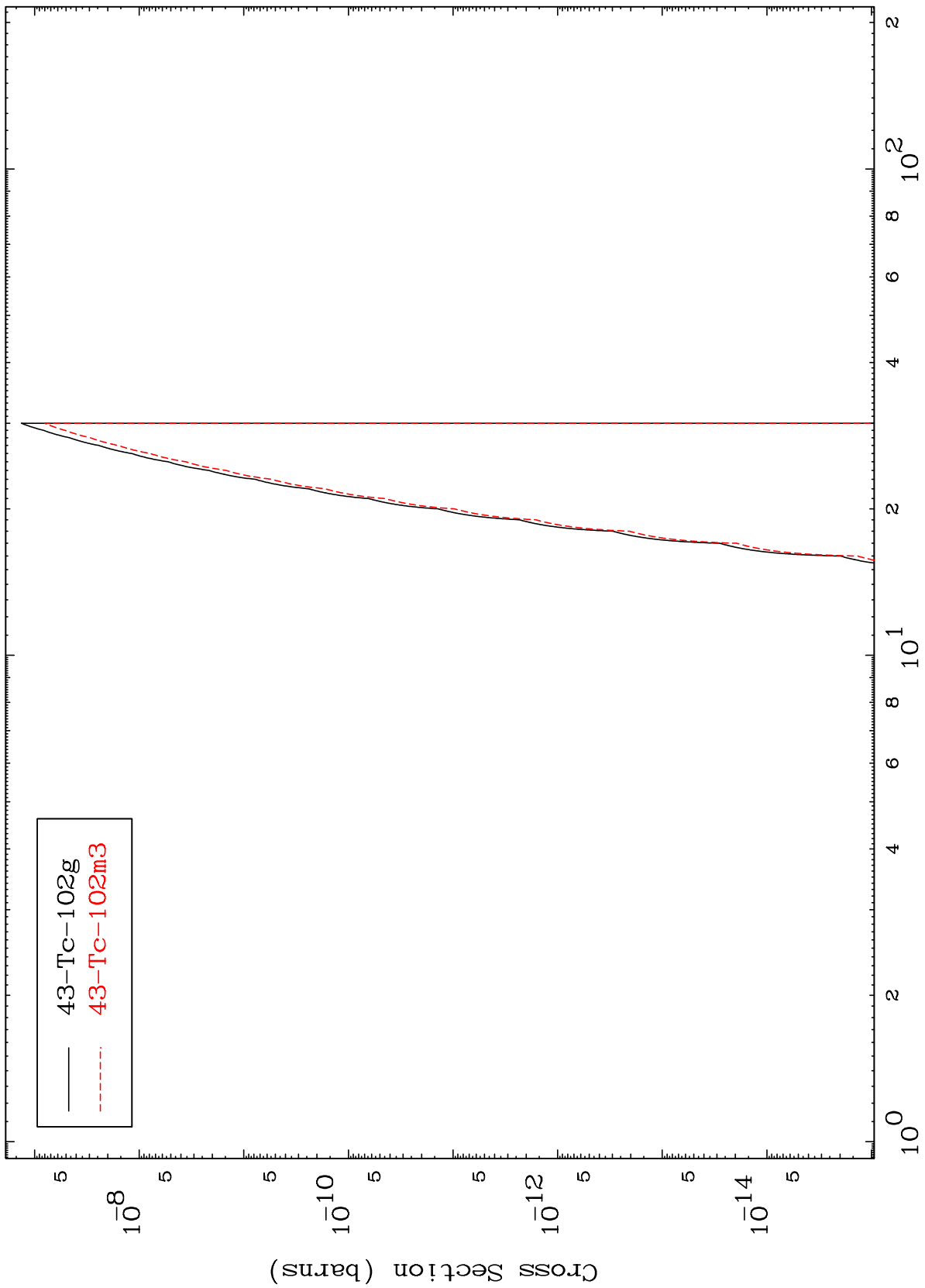
Radionuclide Production Cross Section



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47-Ag-109m

Radionuclide Production Cross Section (n,2α)



— 43-Tc-102g  
- - - 43-Tc-102m3

Incident Energy (MeV)

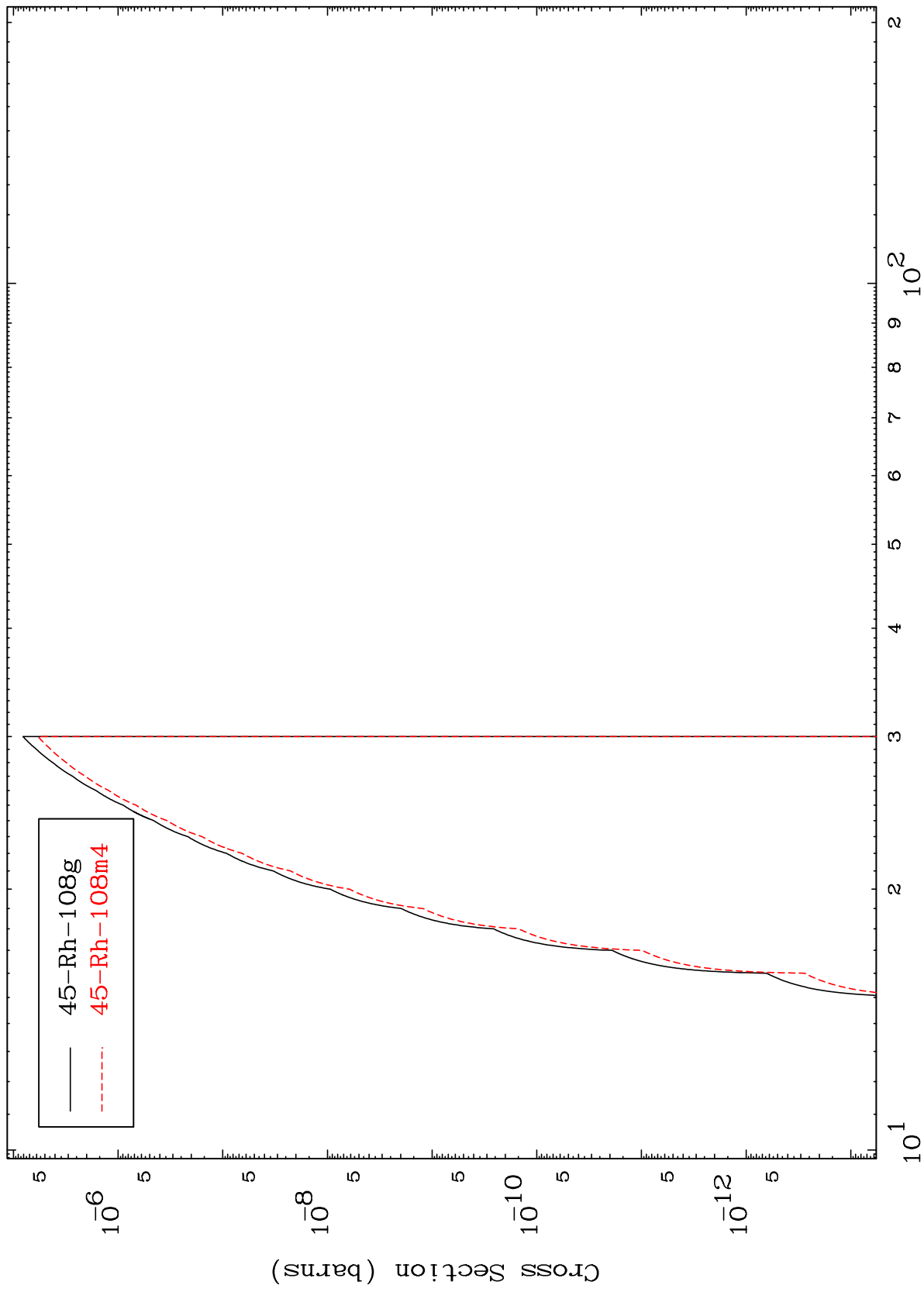
47-Ag-109m

34

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47-Ag-109m

Radionuclide Production Cross Section  
(n,2p)



47-Ag-109m

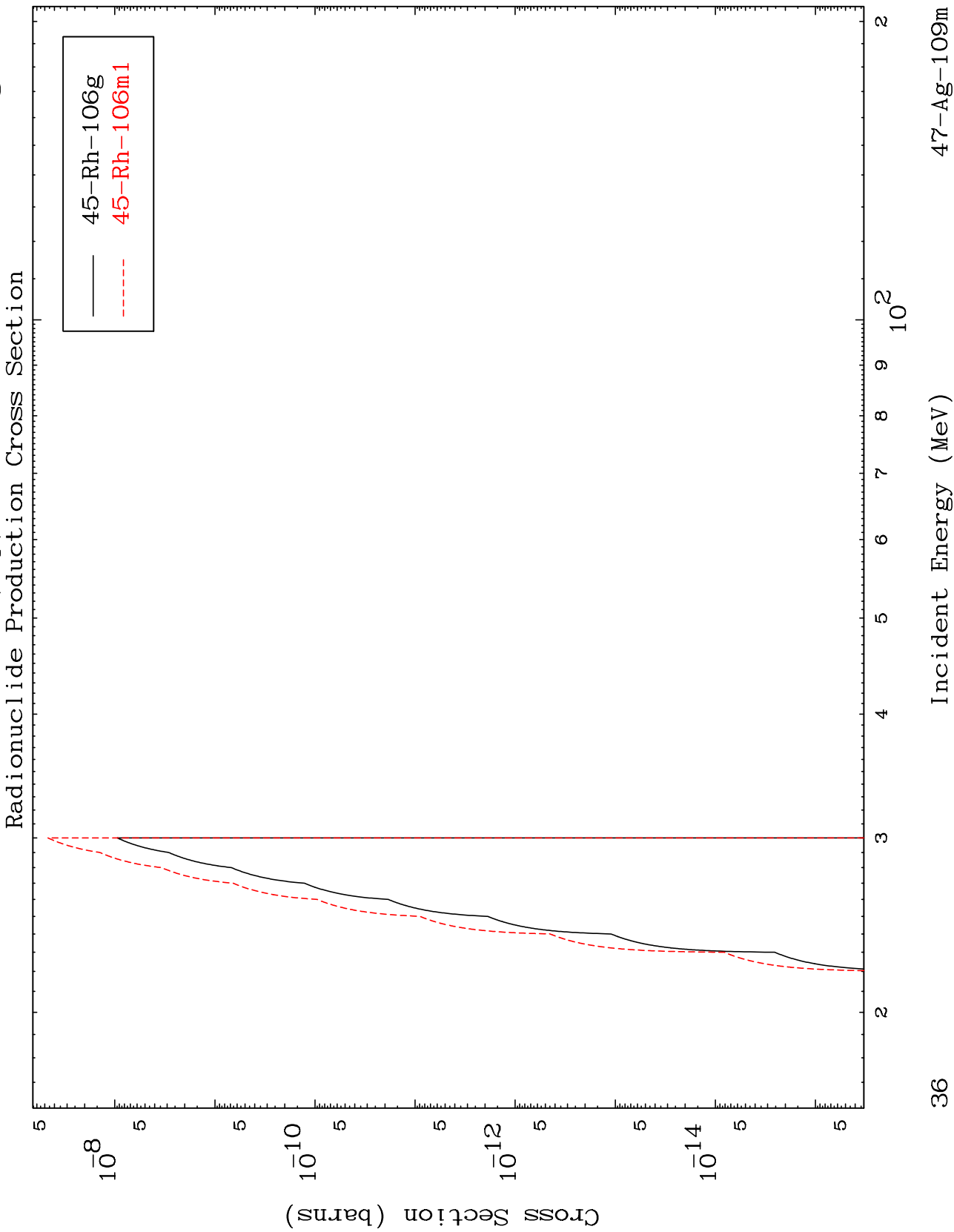
Incident Energy (MeV)

35

MAT 4732

(n,p) t

47-Ag-109m



36

Incident Energy (MeV)

47-Ag-109m