

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

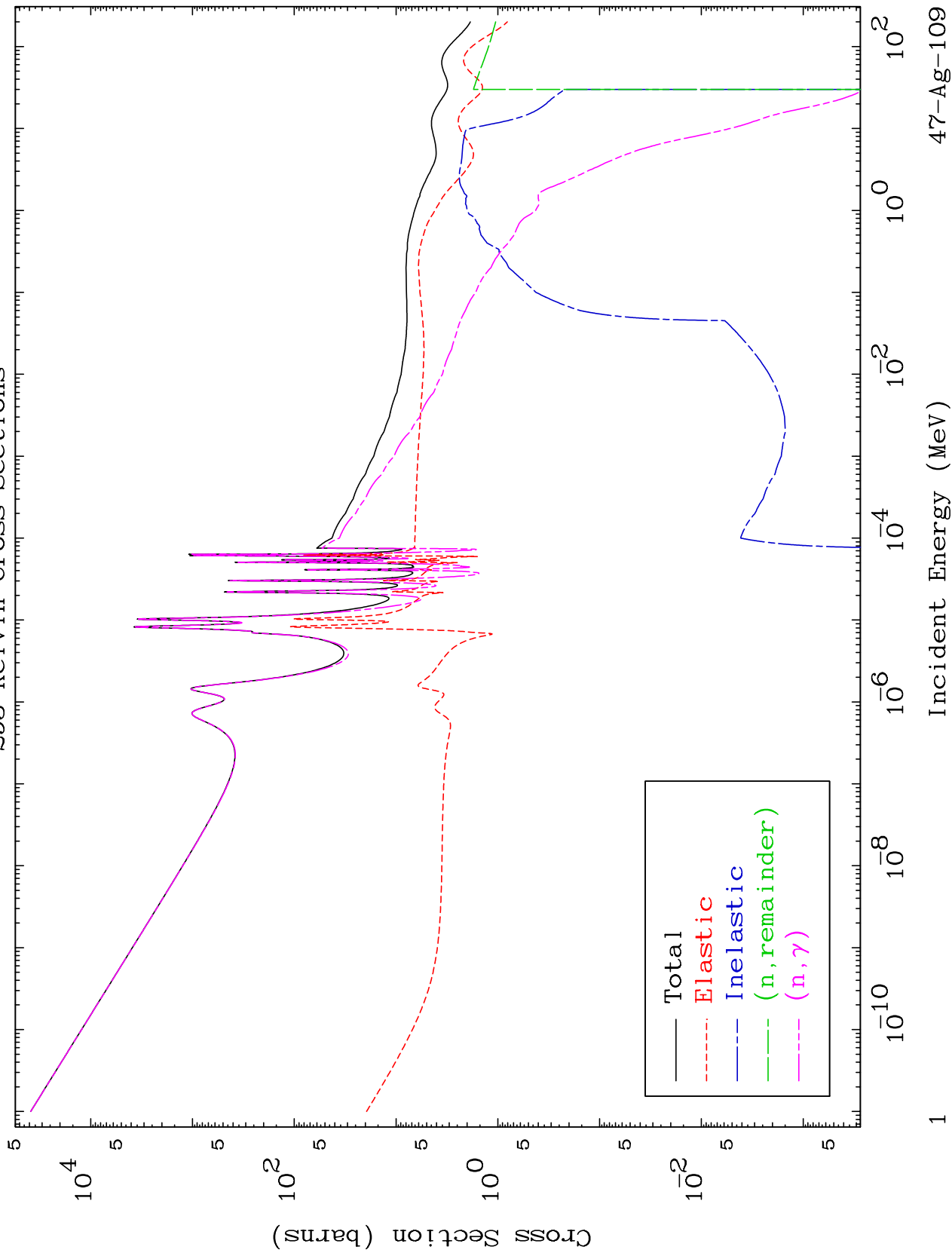
Press Mouse Button to Start

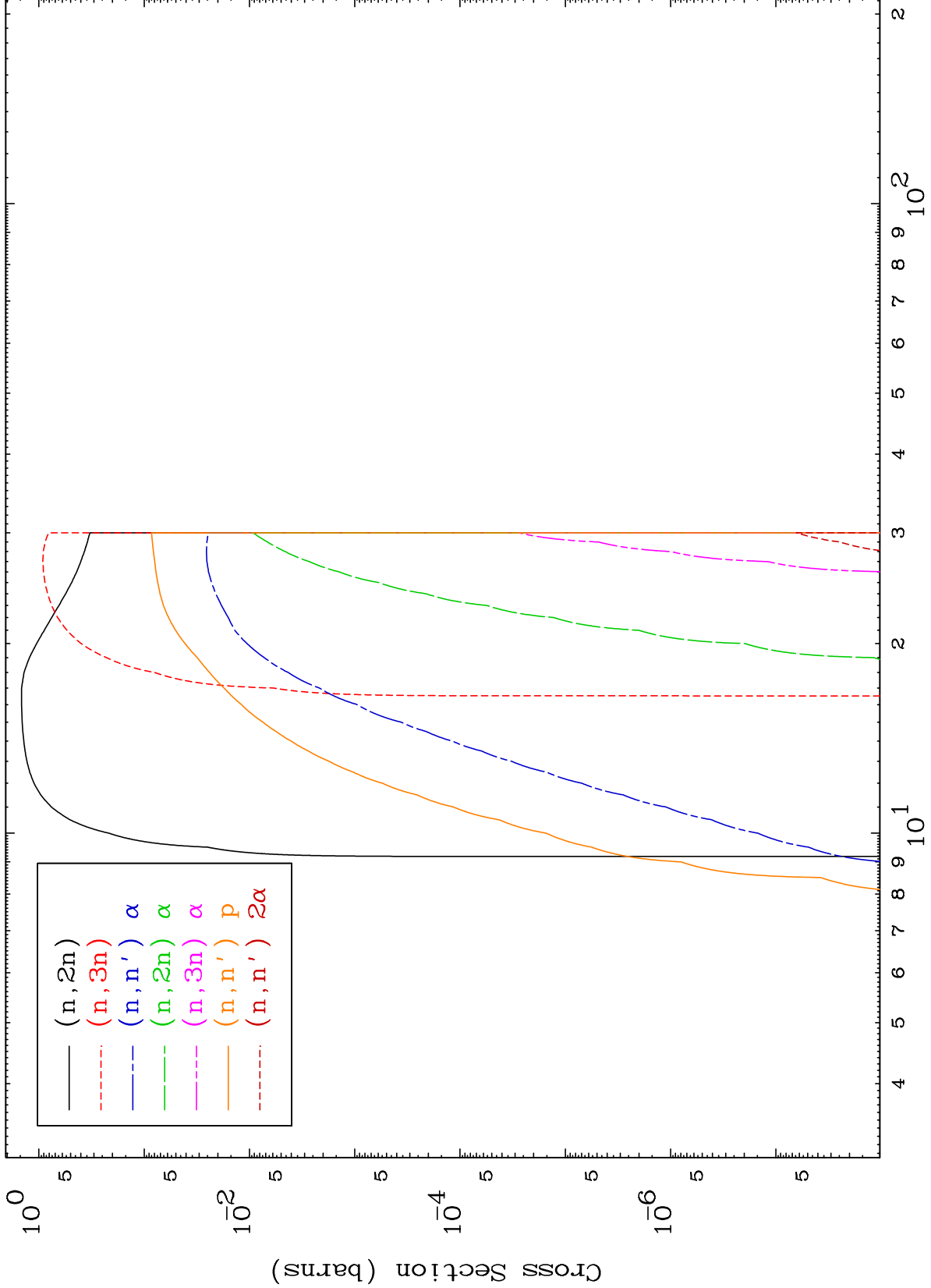
MAT 4732

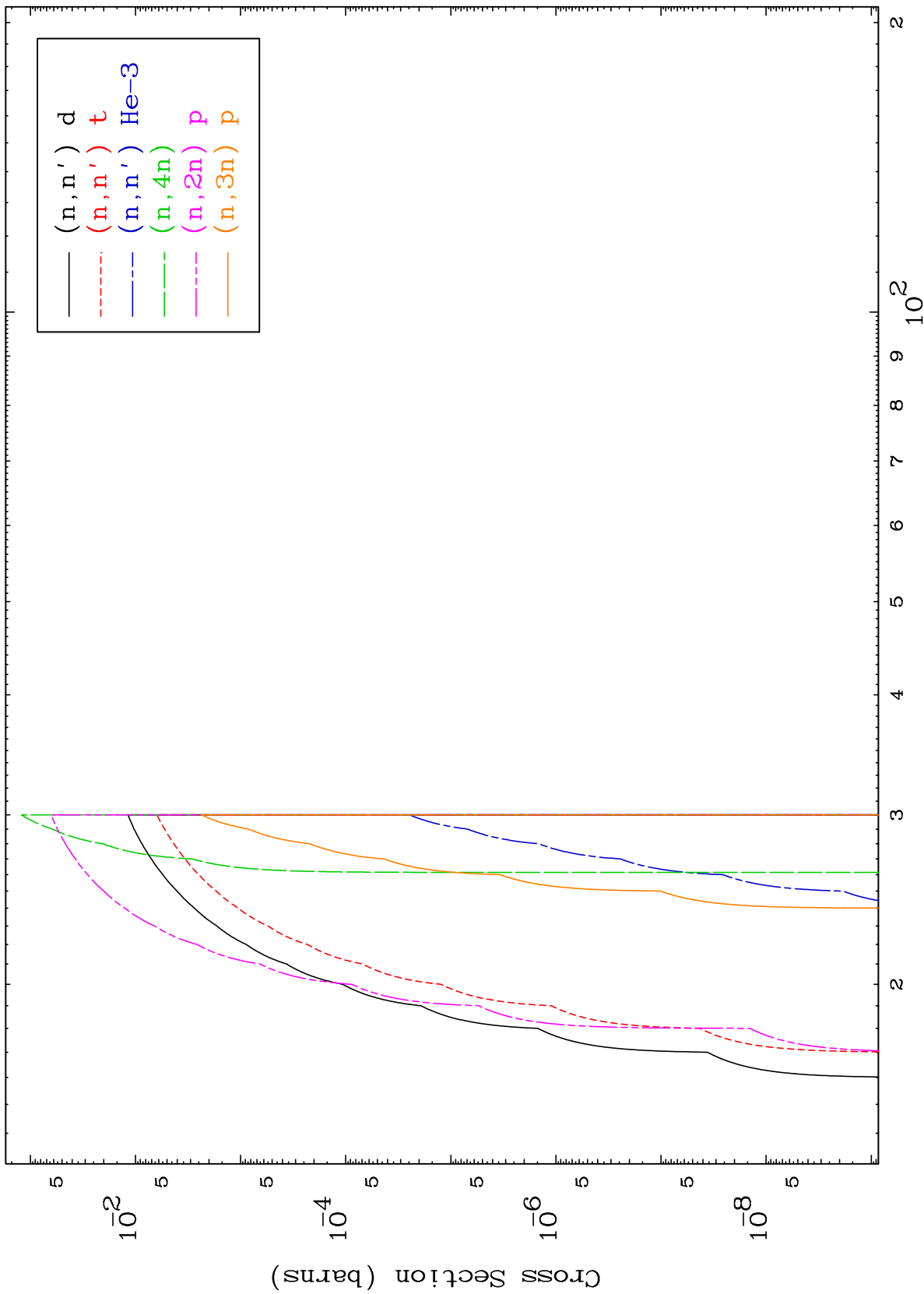
Major

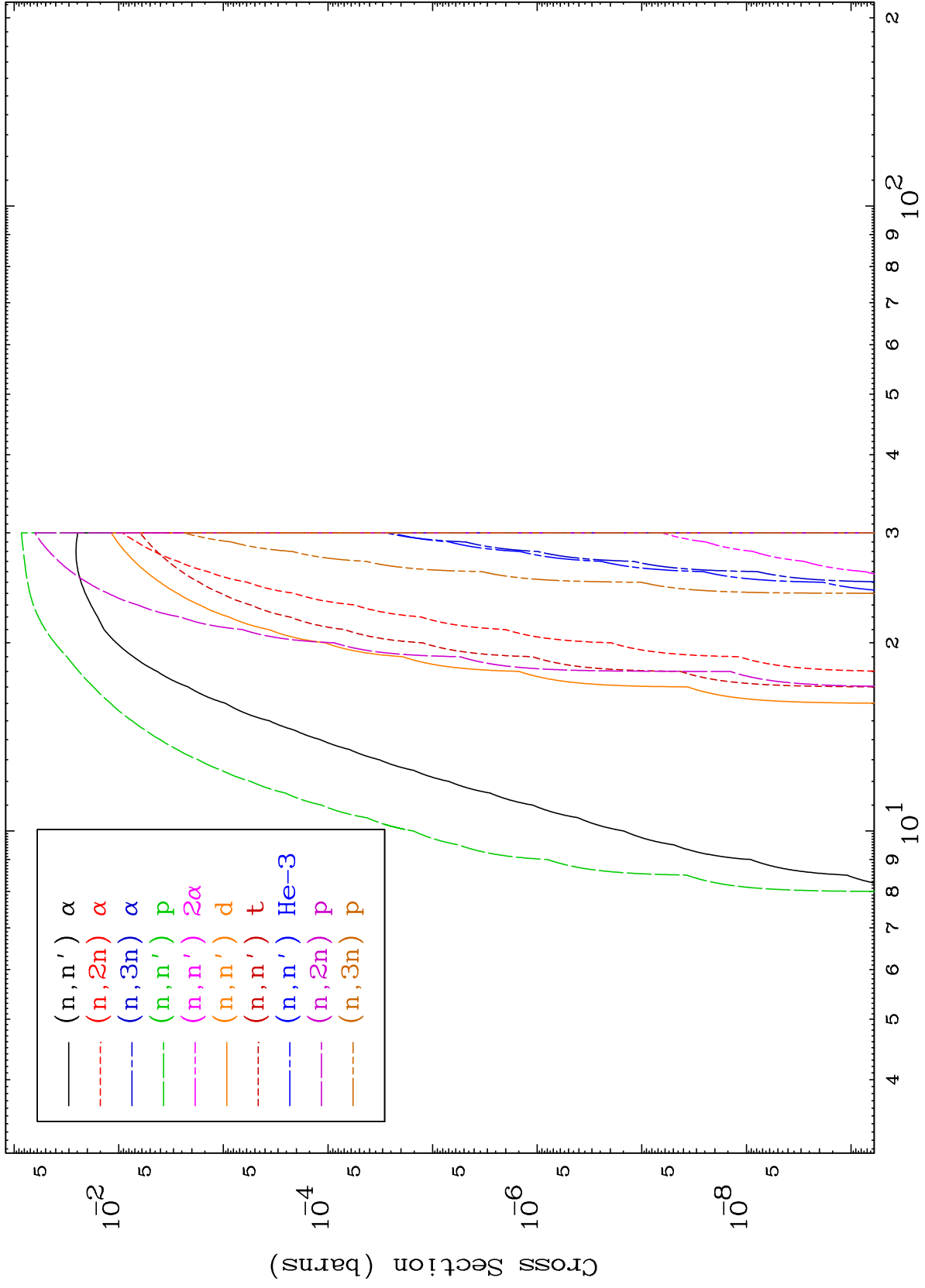
293 Kelvin Cross Sections

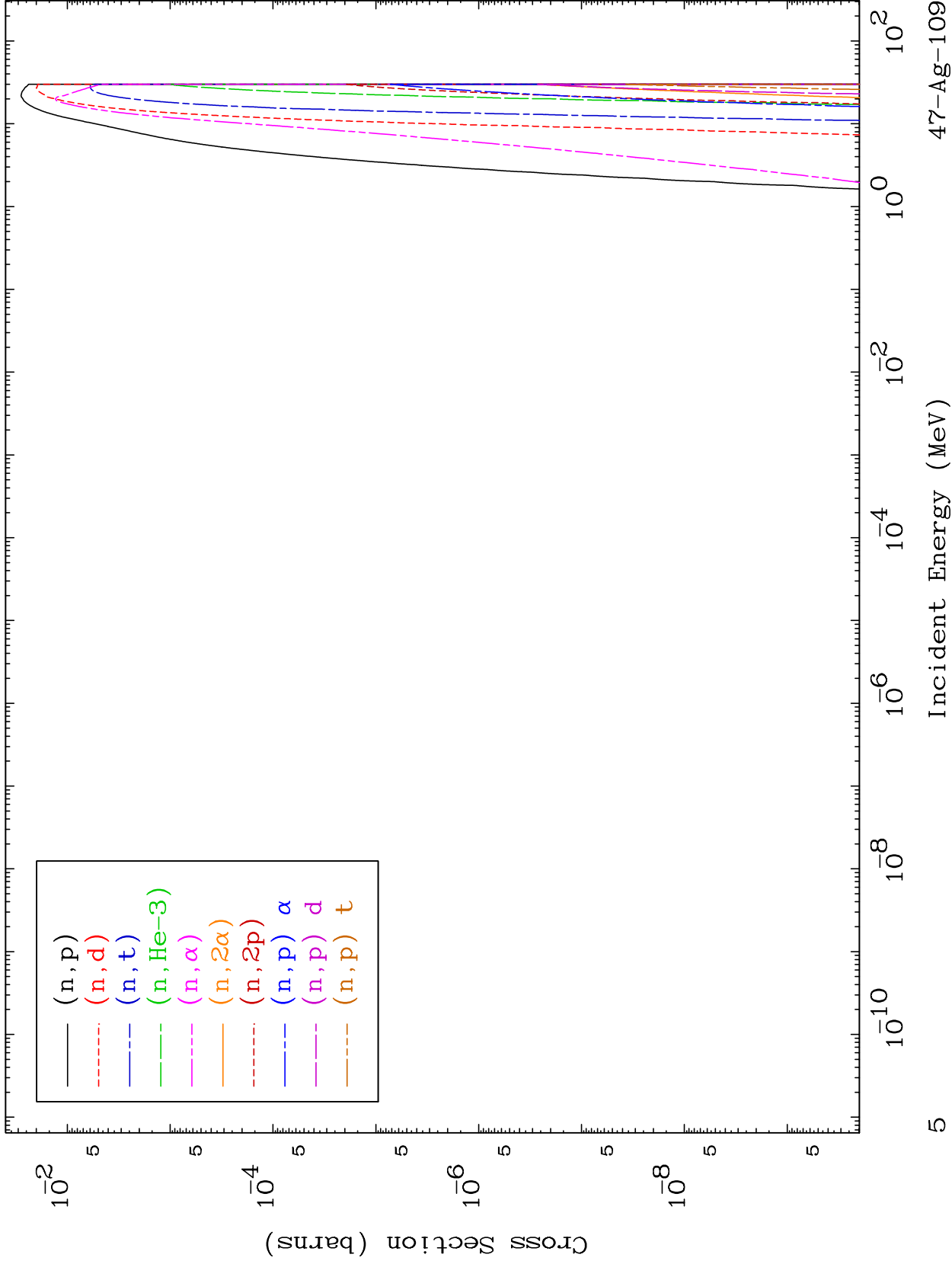
47-Ag-109

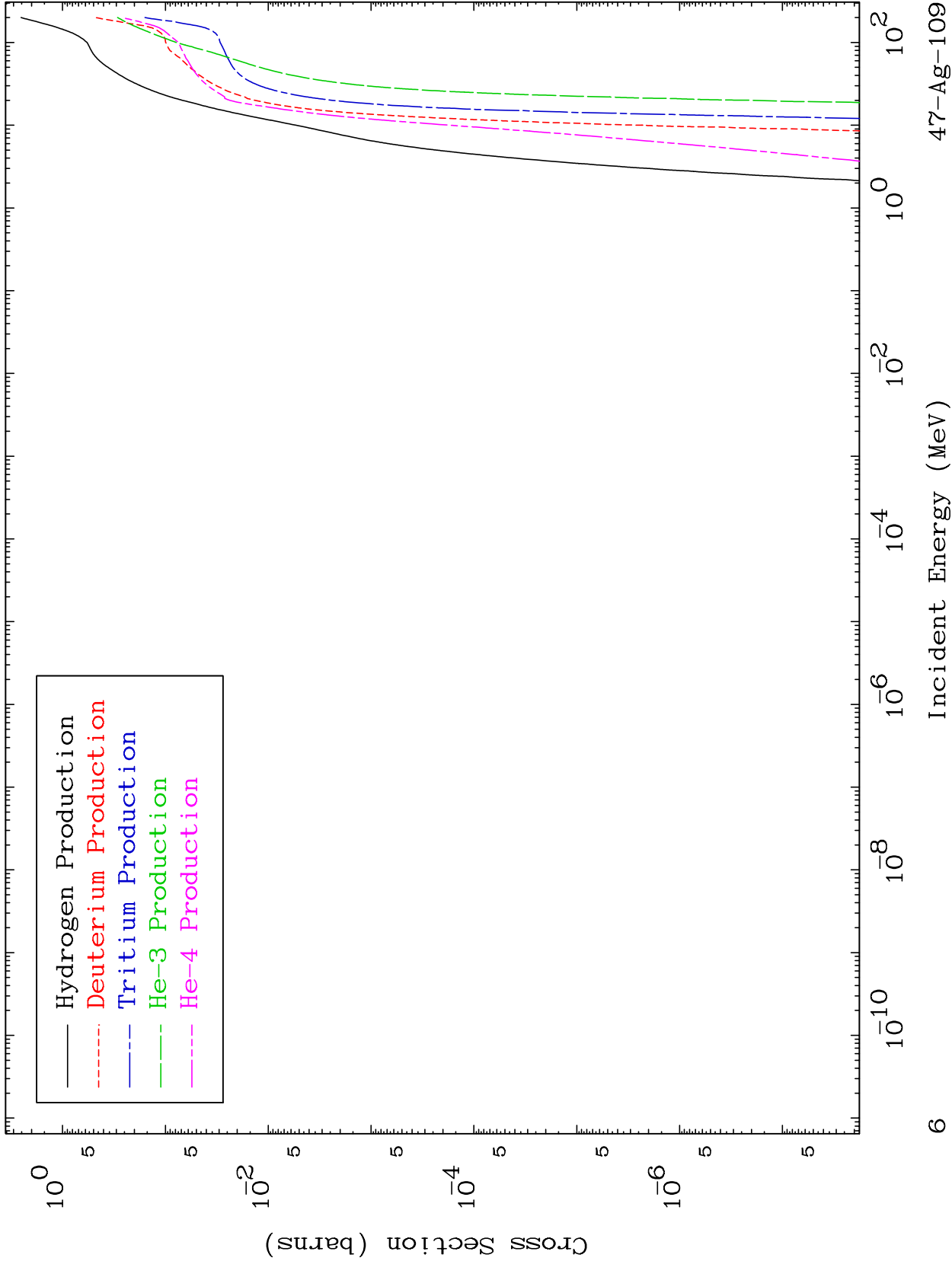








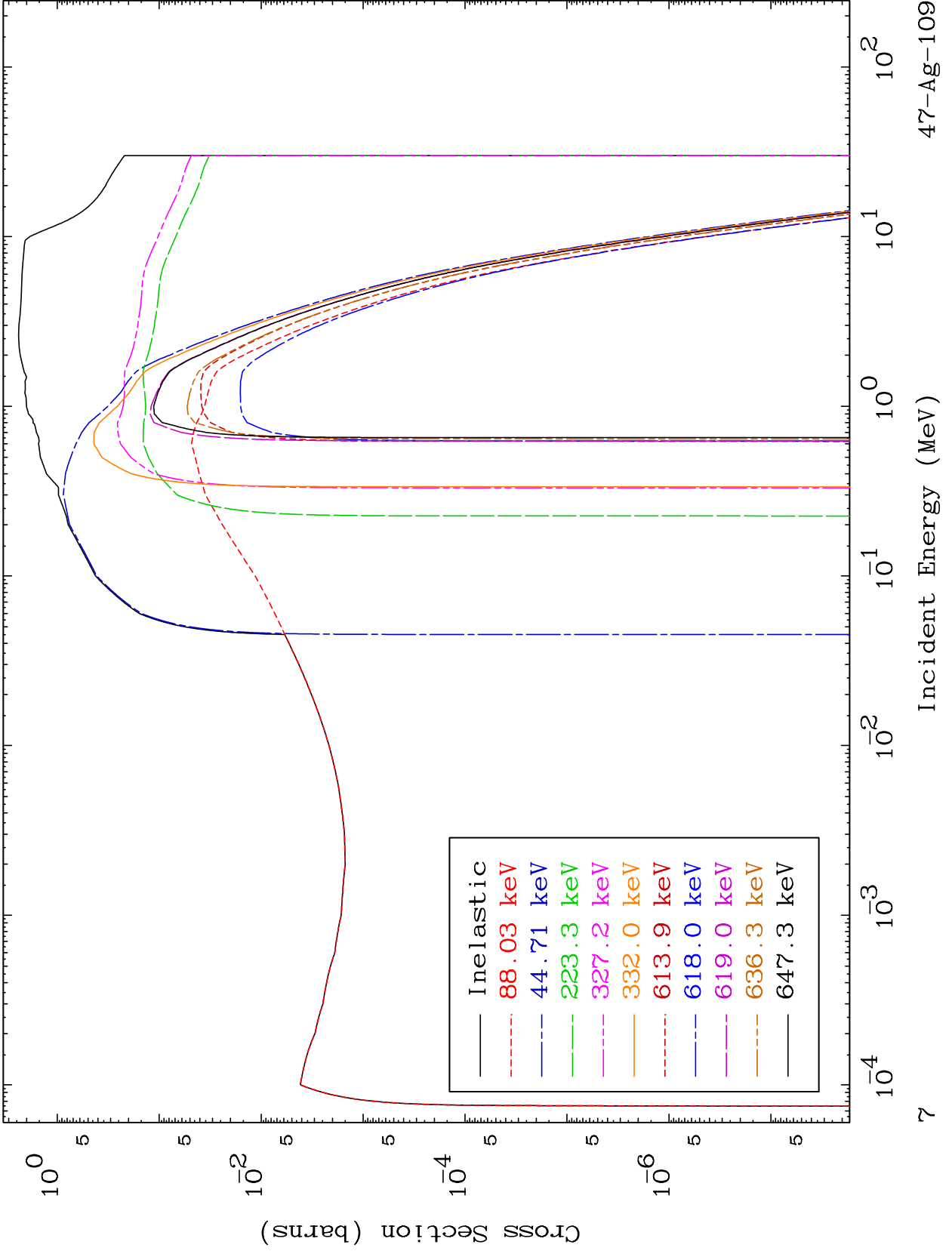




MAT 4732

293 Kelvin Cross Sections  
(n,n') Level

47-Ag-109

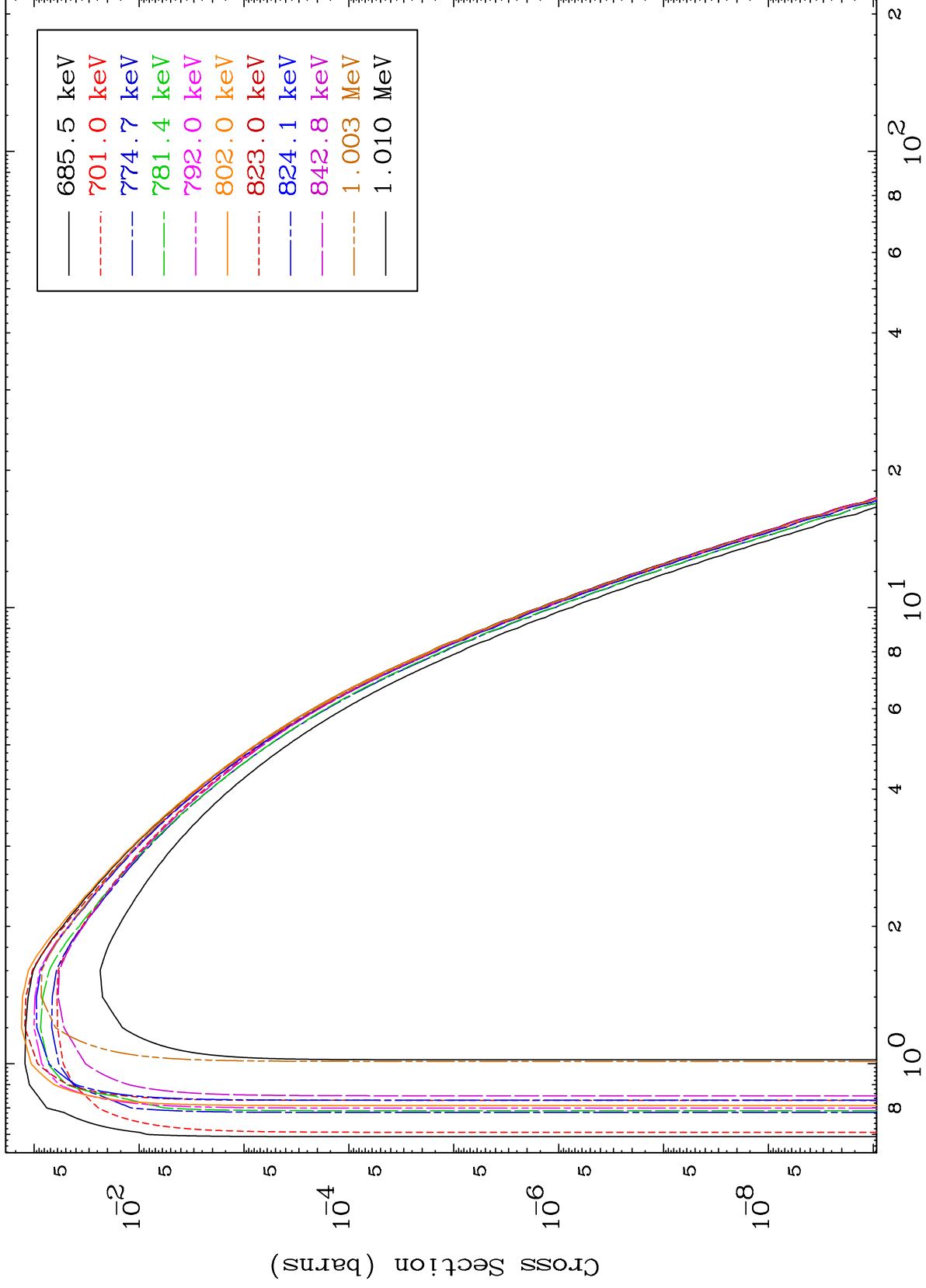




MAT 4732

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-109



8

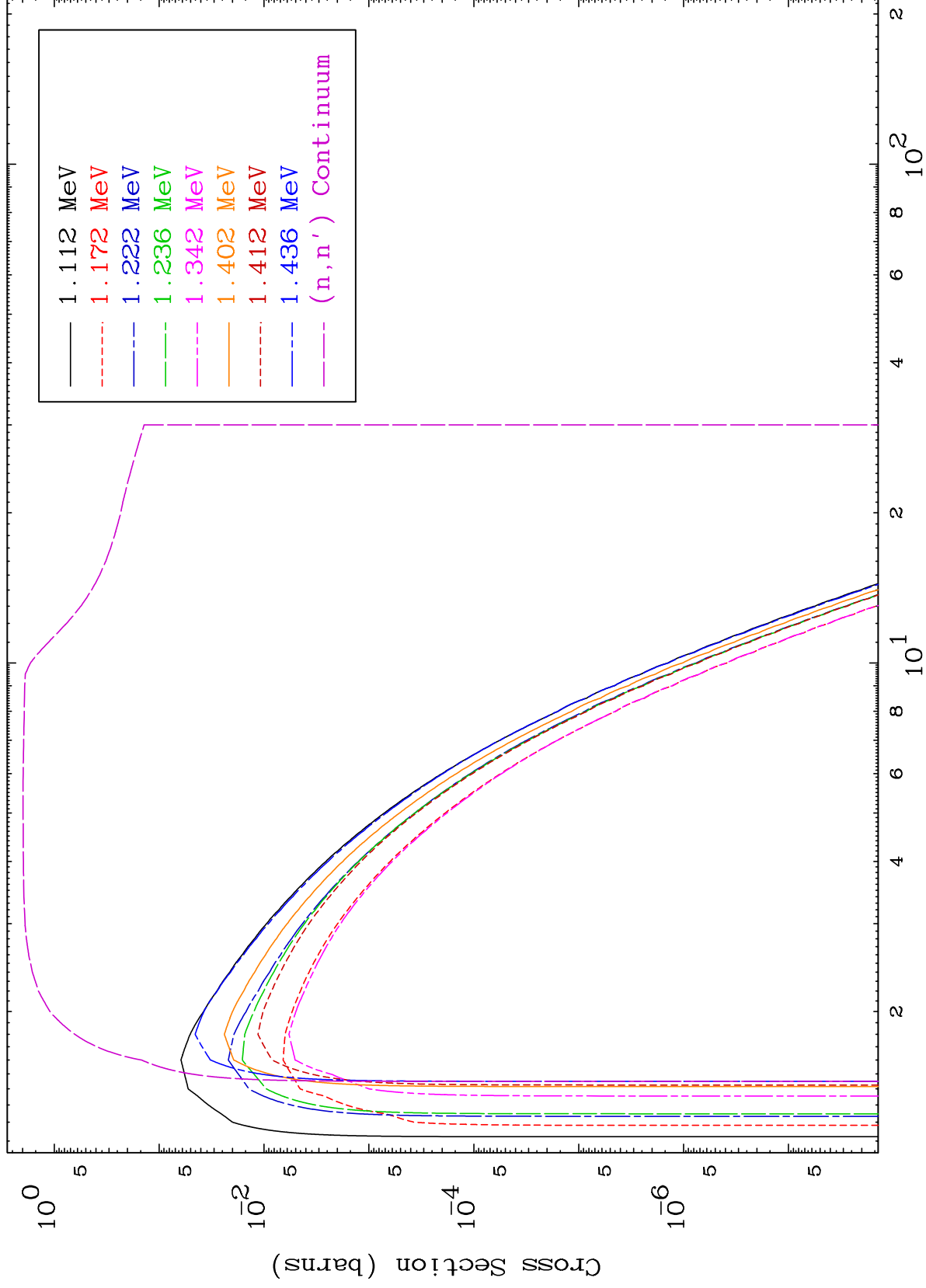
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-109



9

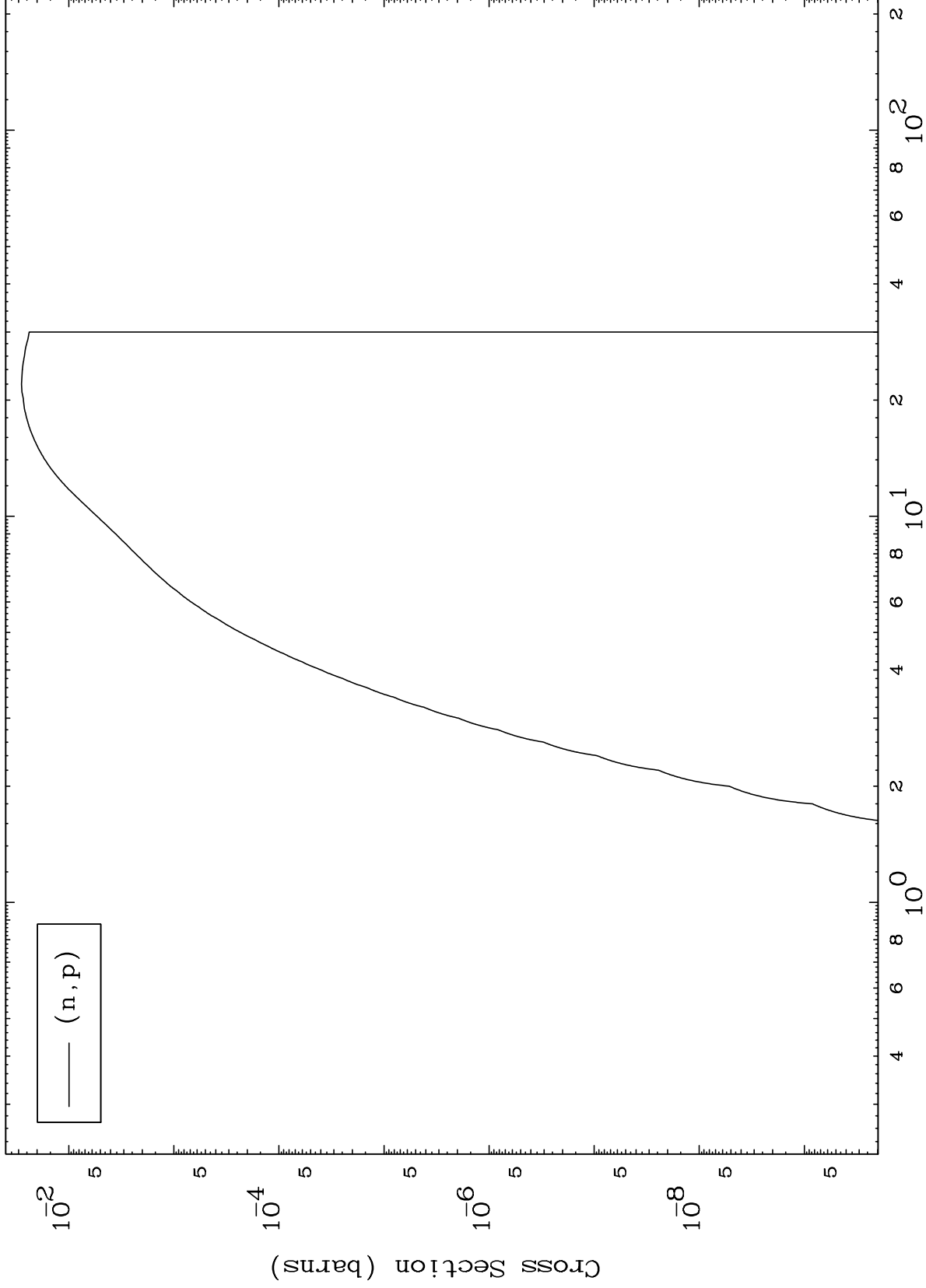
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-109



10

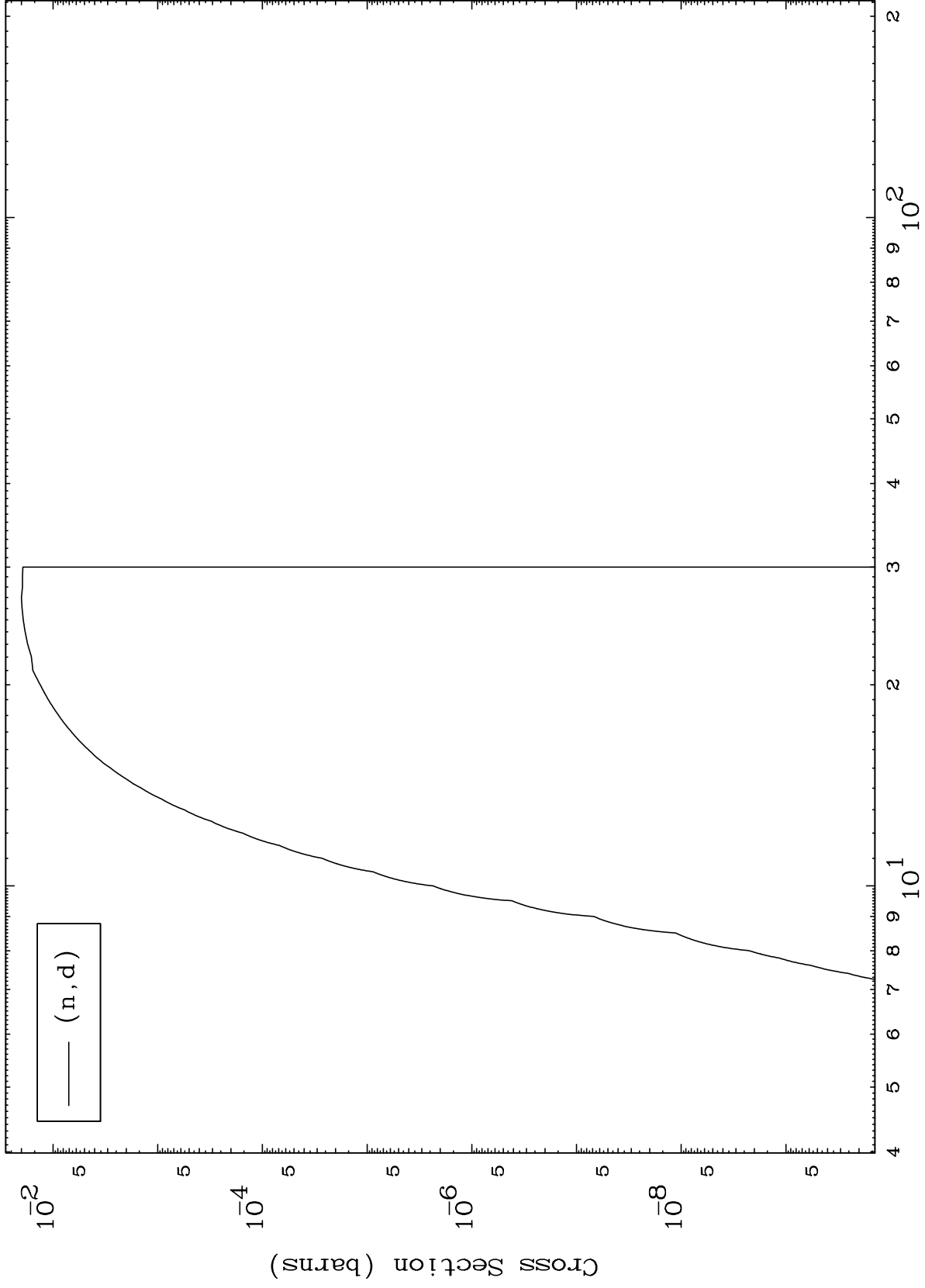
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-109



11

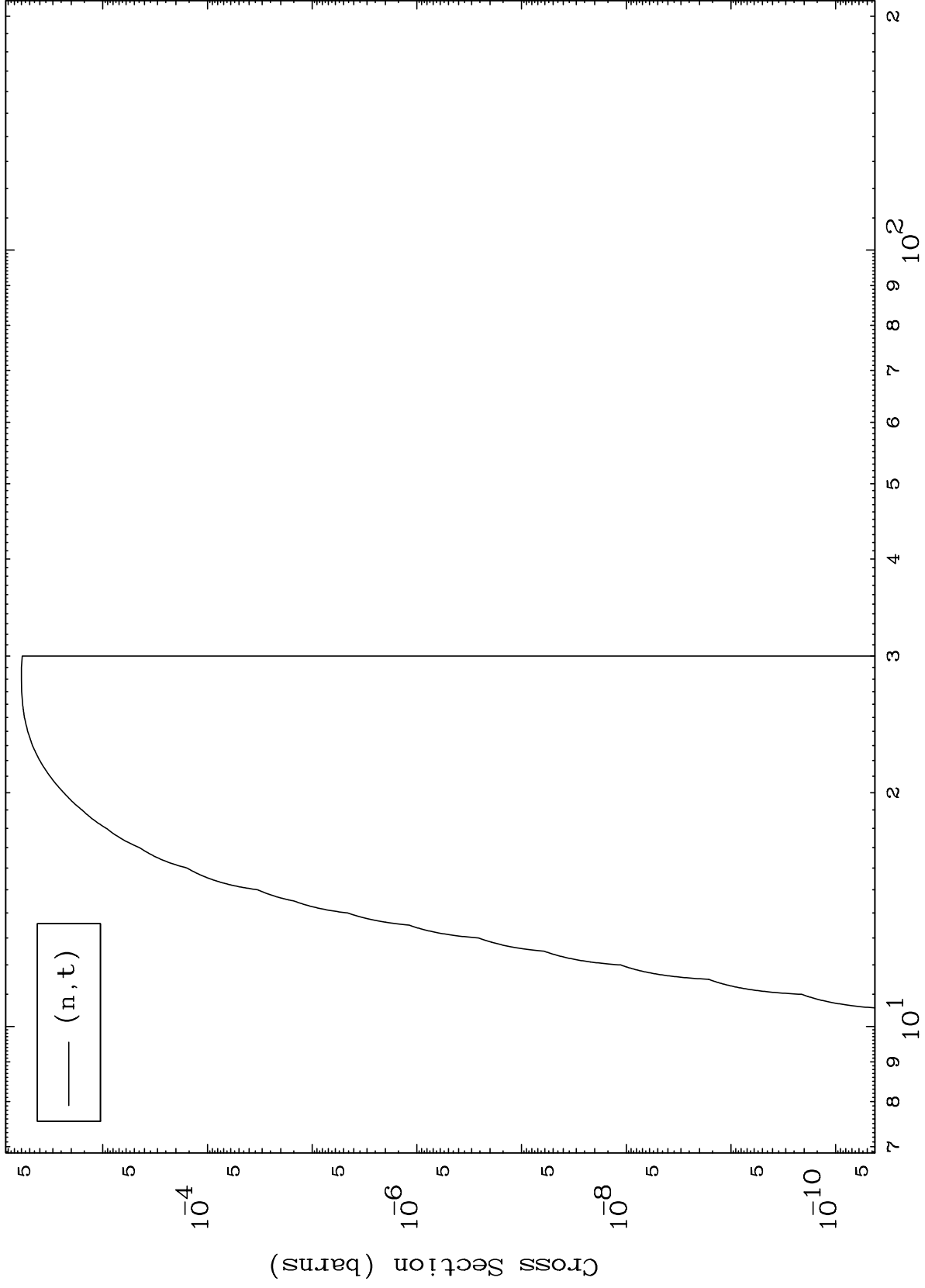
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-109



12

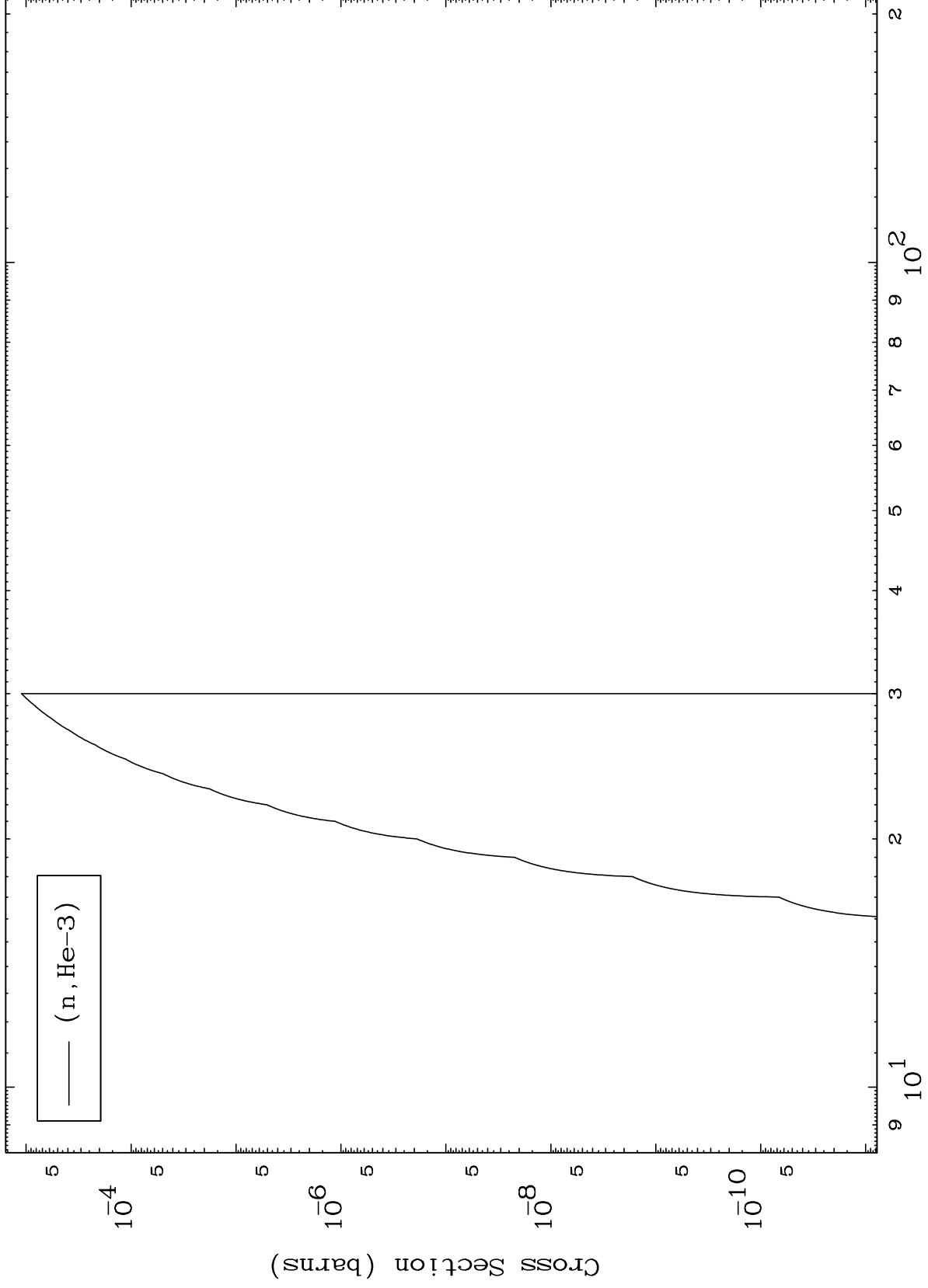
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,He3) Levels  
293 Kelvin Cross Sections

47-Ag-109



13

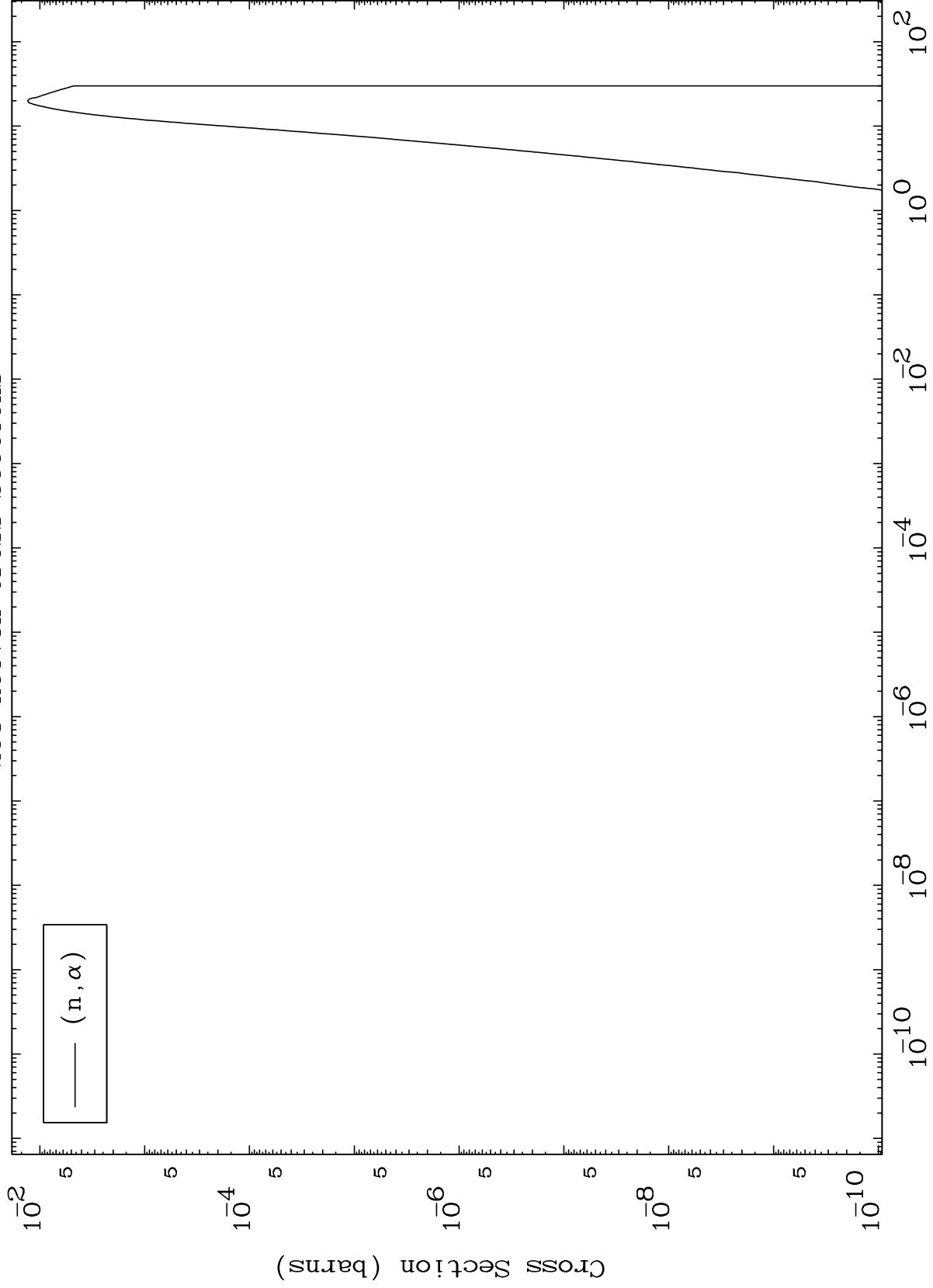
Incident Energy (MeV)

47-Ag-109

MAT 4732

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

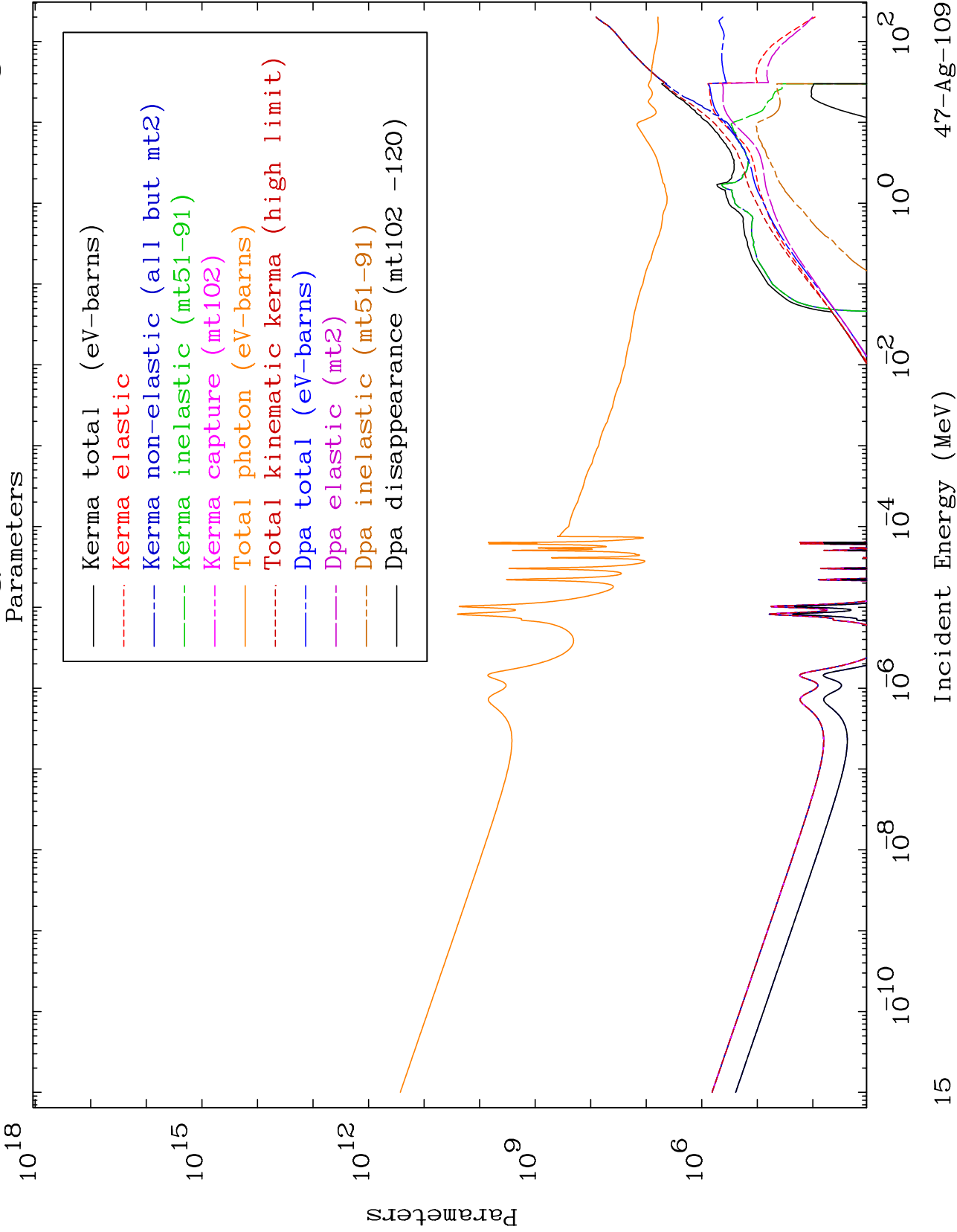
47-Ag-109



14

Incident Energy (MeV)

47-Ag-109

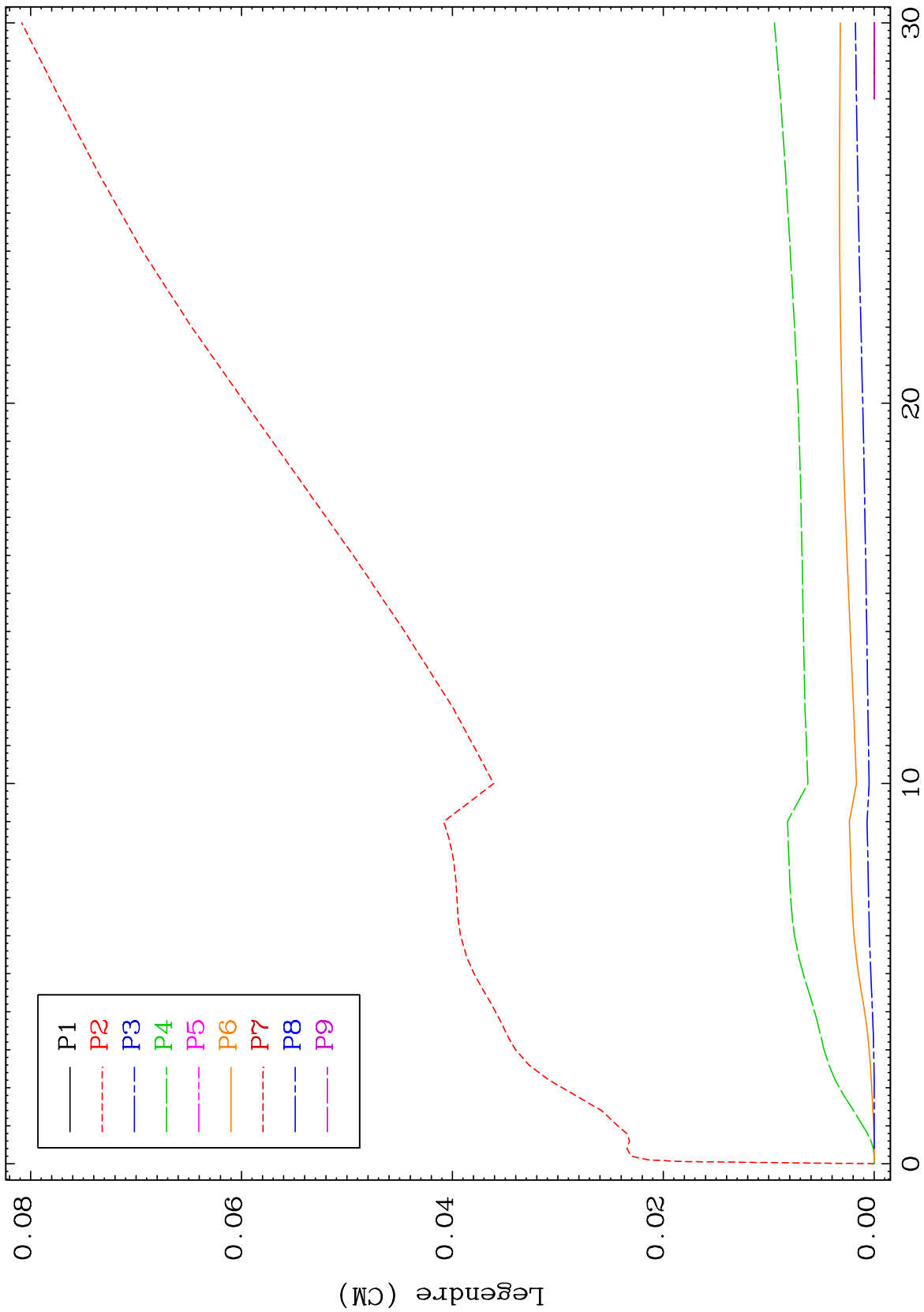




MAT 4732

Elastic Legendre Coefficients

47-Ag-109



16

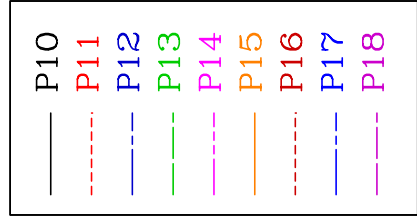
Incident Energy (MeV)

47-Ag-109

MAT 4732

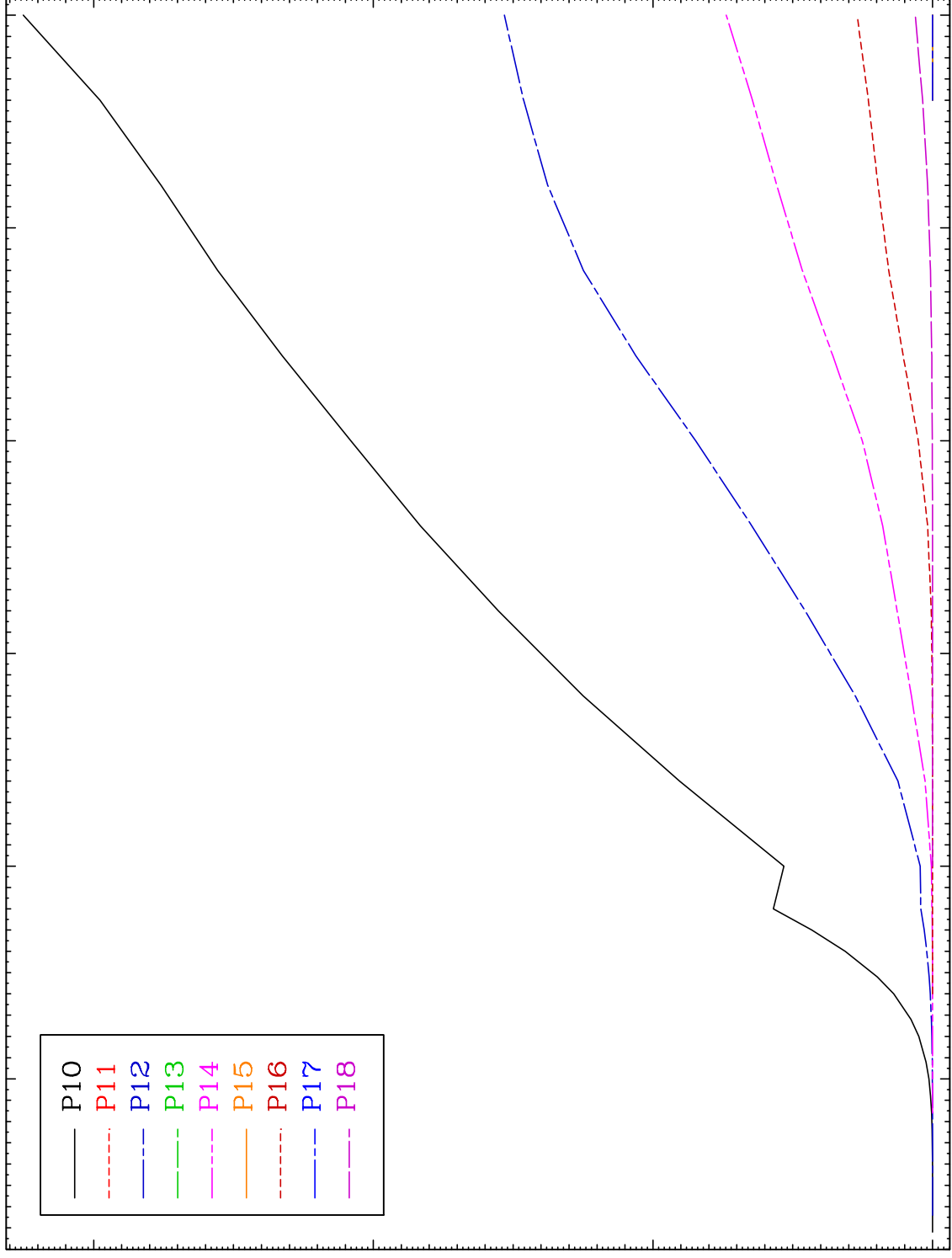
Elastic Legendre Coefficients

47-Ag-109



$\times 10^{-4}$

Legendre (CM)



17

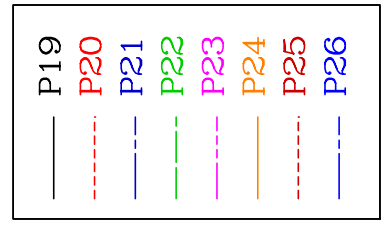
Incident Energy (MeV)

47-Ag-109

MAT 4732

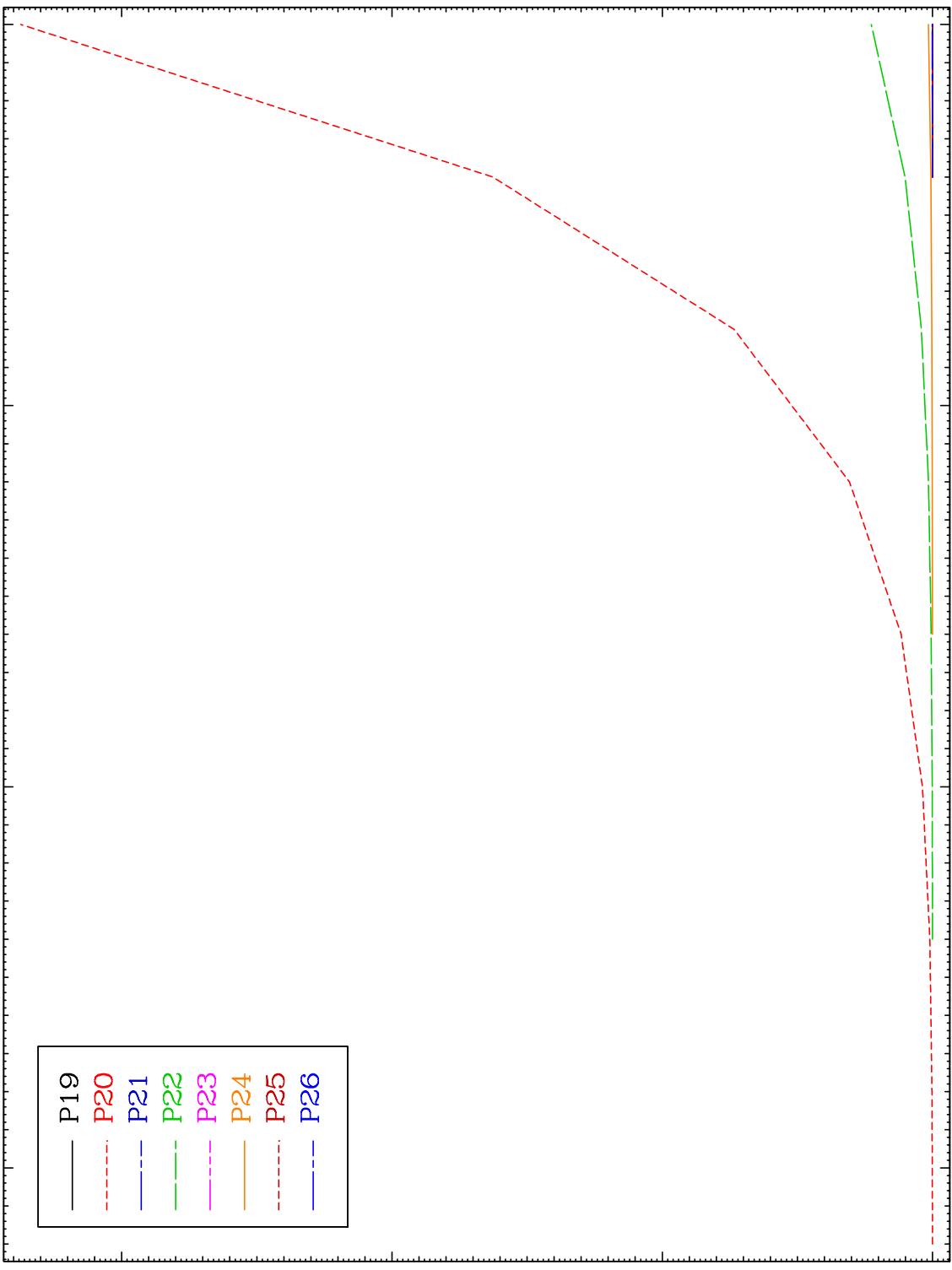
Elastic Legendre Coefficients

47-Ag-109



$\times 10^{-7}$

Legendre (CM)



18

Incident Energy (MeV)

47-Ag-109

MAT 4732

47-Ag-109

Inelastic  
Radionuclide Production Cross Section



— 47-Ag-109g  
- - - 47-Ag-109m1

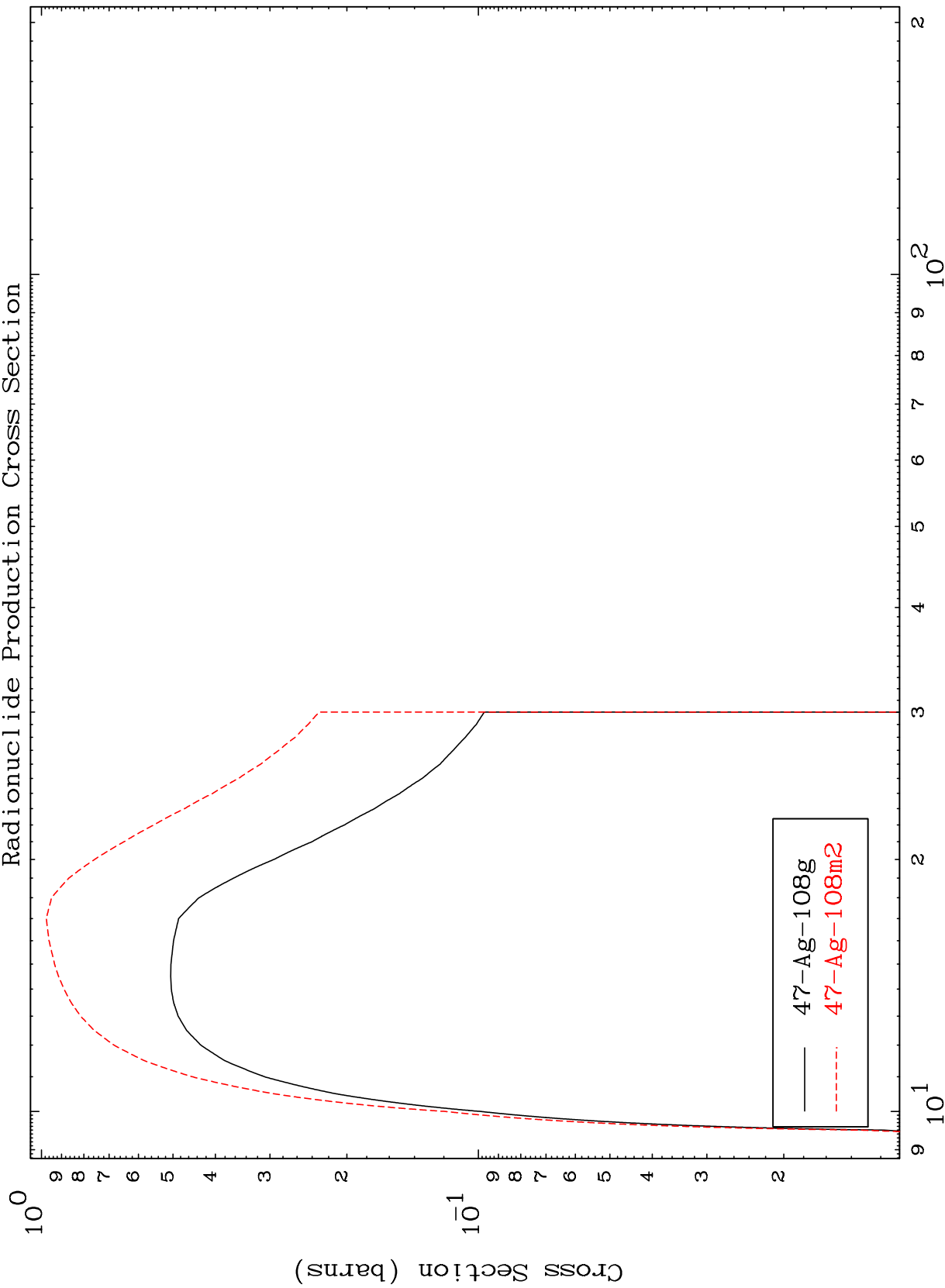
19

47-Ag-109

MAT 4732

47-Ag-109

(n,2n)  
Radionuclide Production Cross Section



— 47-Ag-108g  
- - - 47-Ag-108m2

47-Ag-109

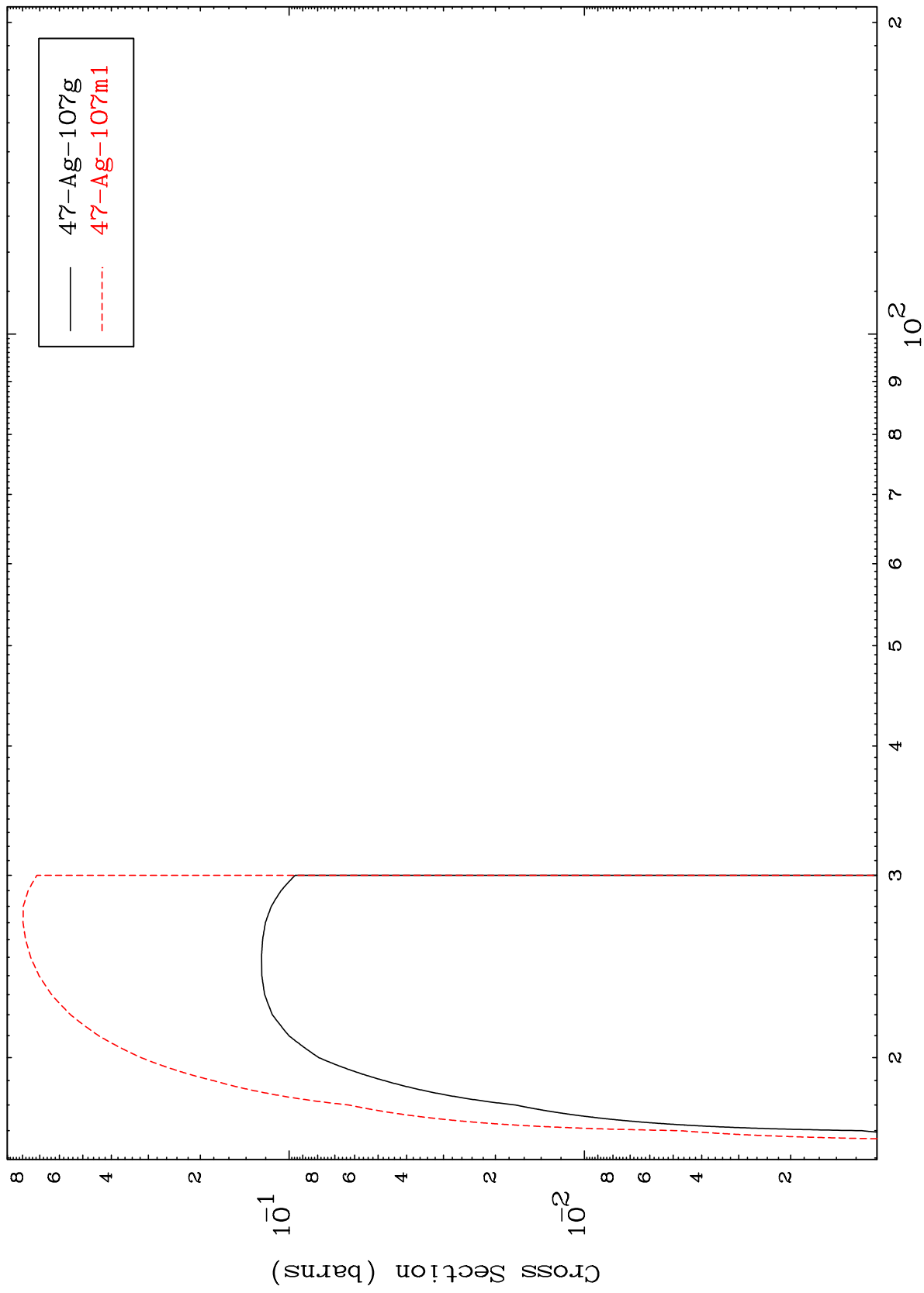
Incident Energy (MeV)

20

MAT 4732

47-Ag-109

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

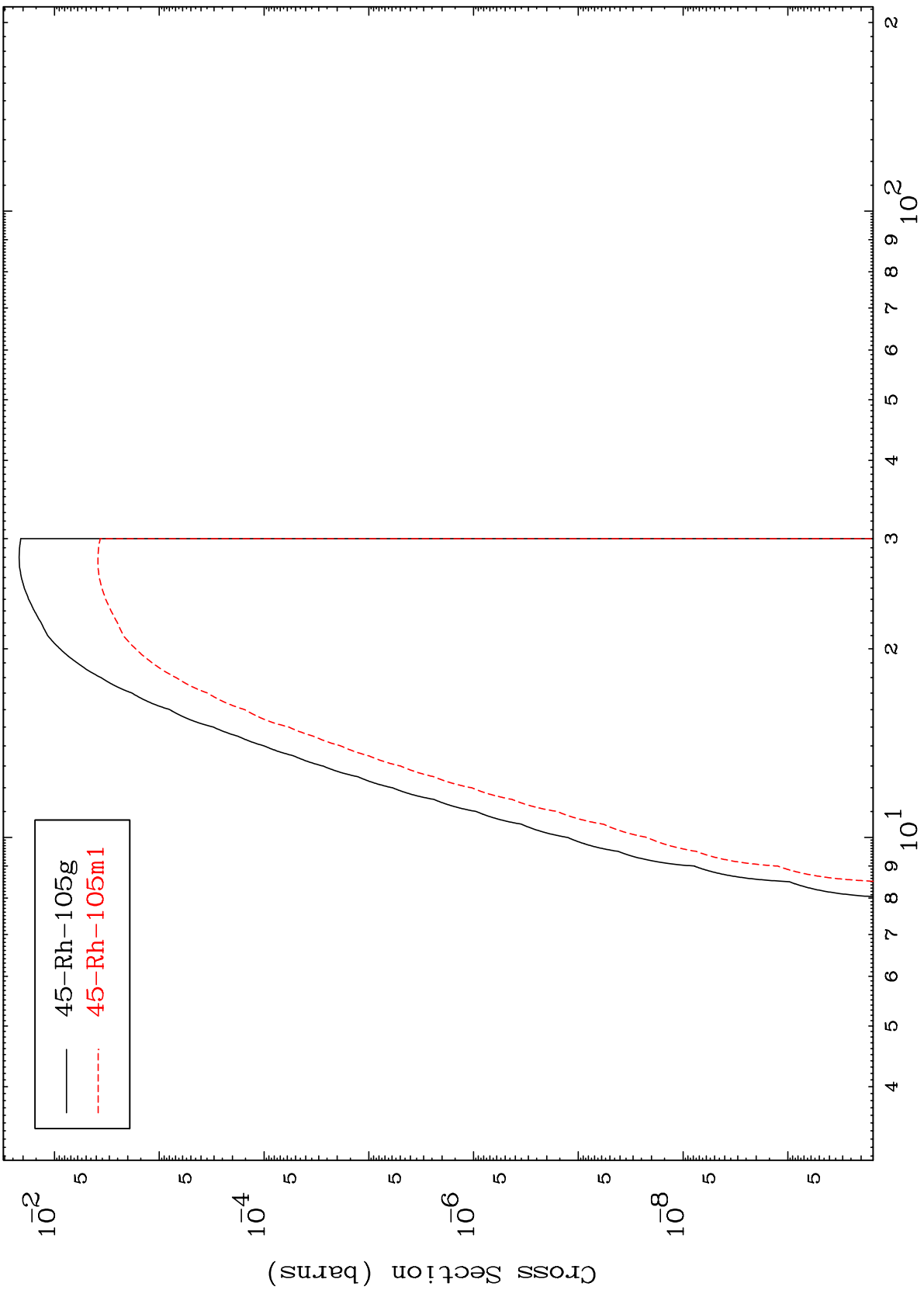
47-Ag-109

MAT 4732

47-Ag-109

(n,n')  $\alpha$

Radionuclide Production Cross Section

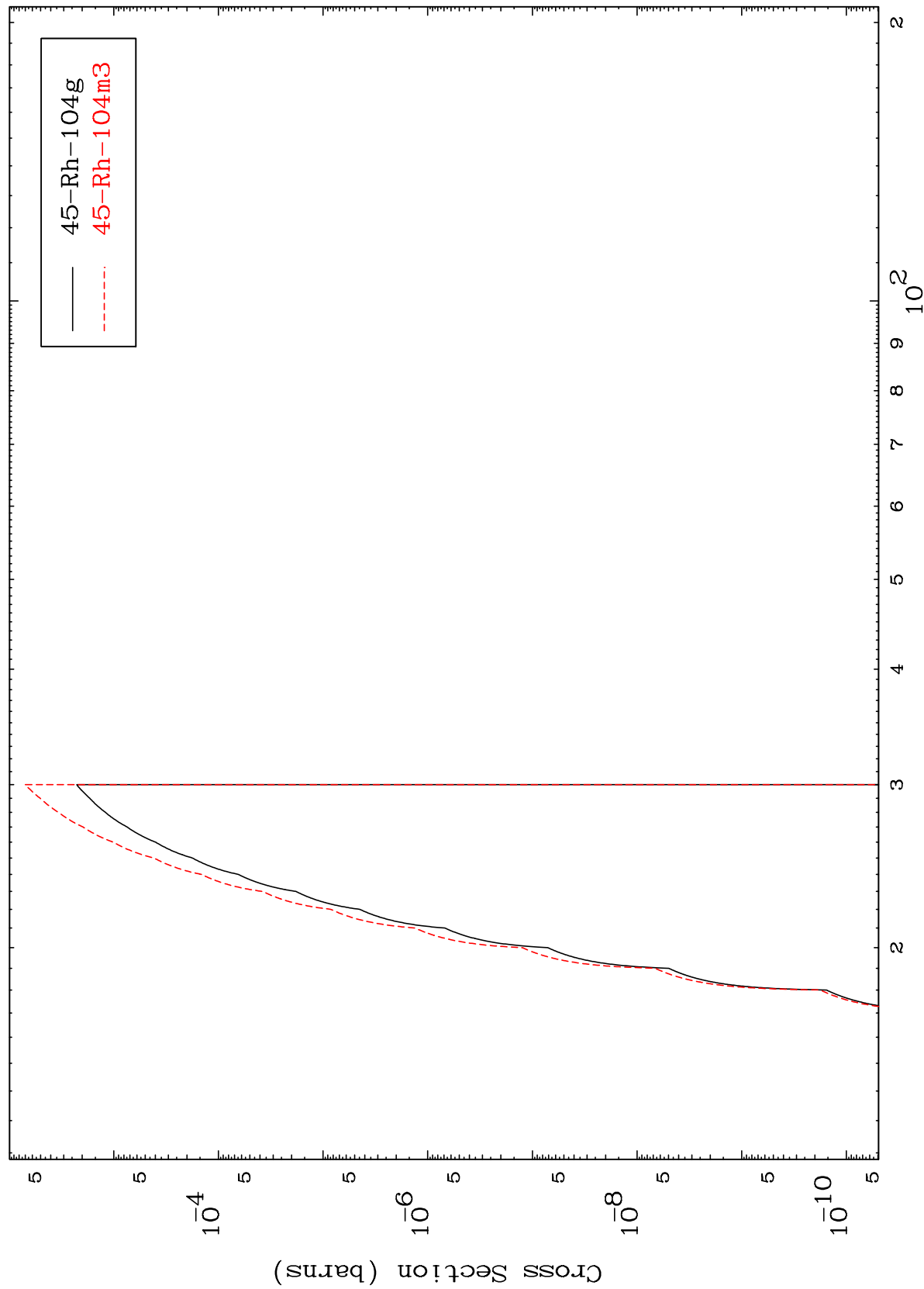


22

Incident Energy (MeV)

47-Ag-109

Radionuclide Production Cross Section



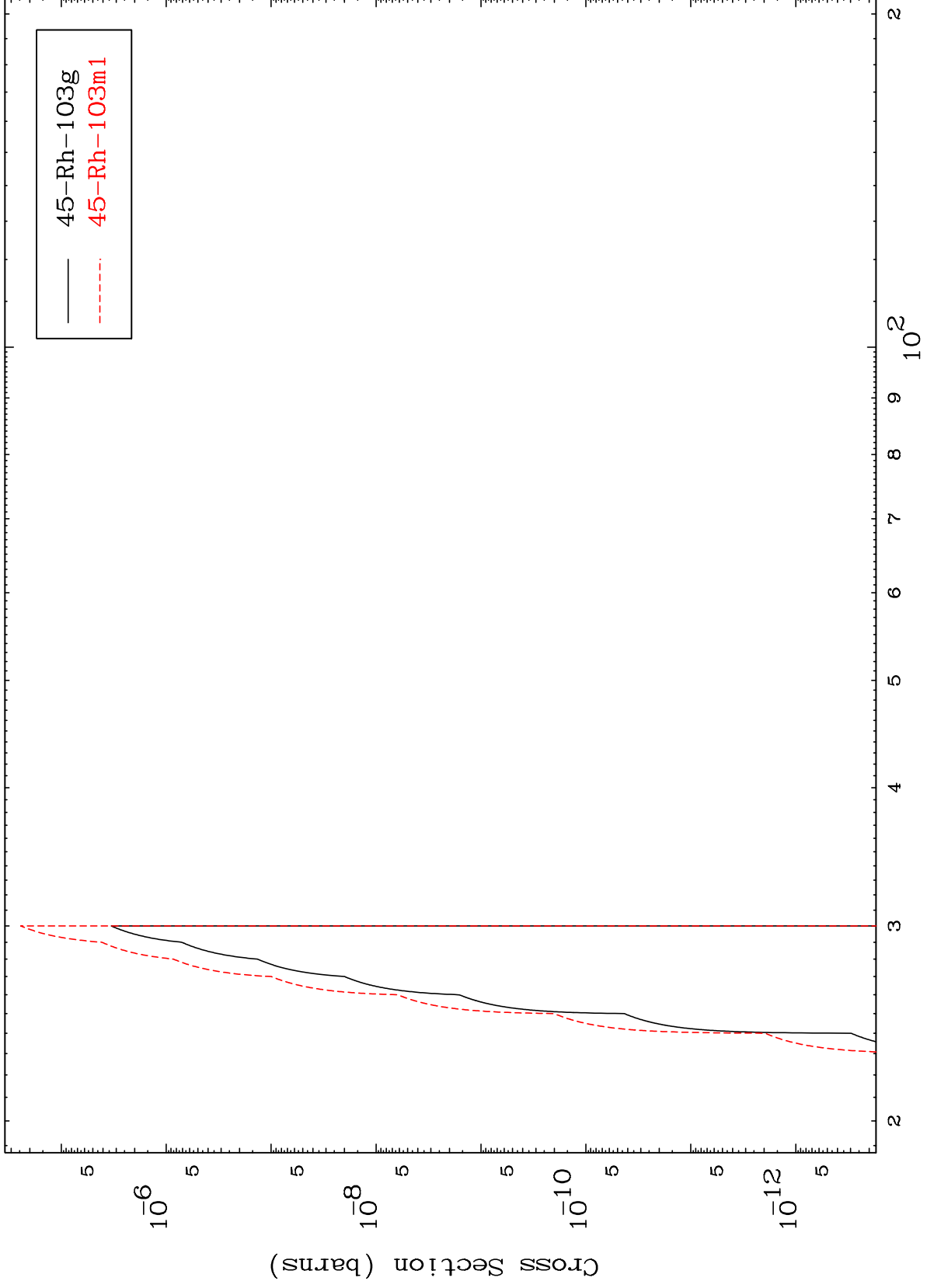


MAT 4732

(n,3n)  $\alpha$

47-Ag-109

Radionuclide Production Cross Section



24

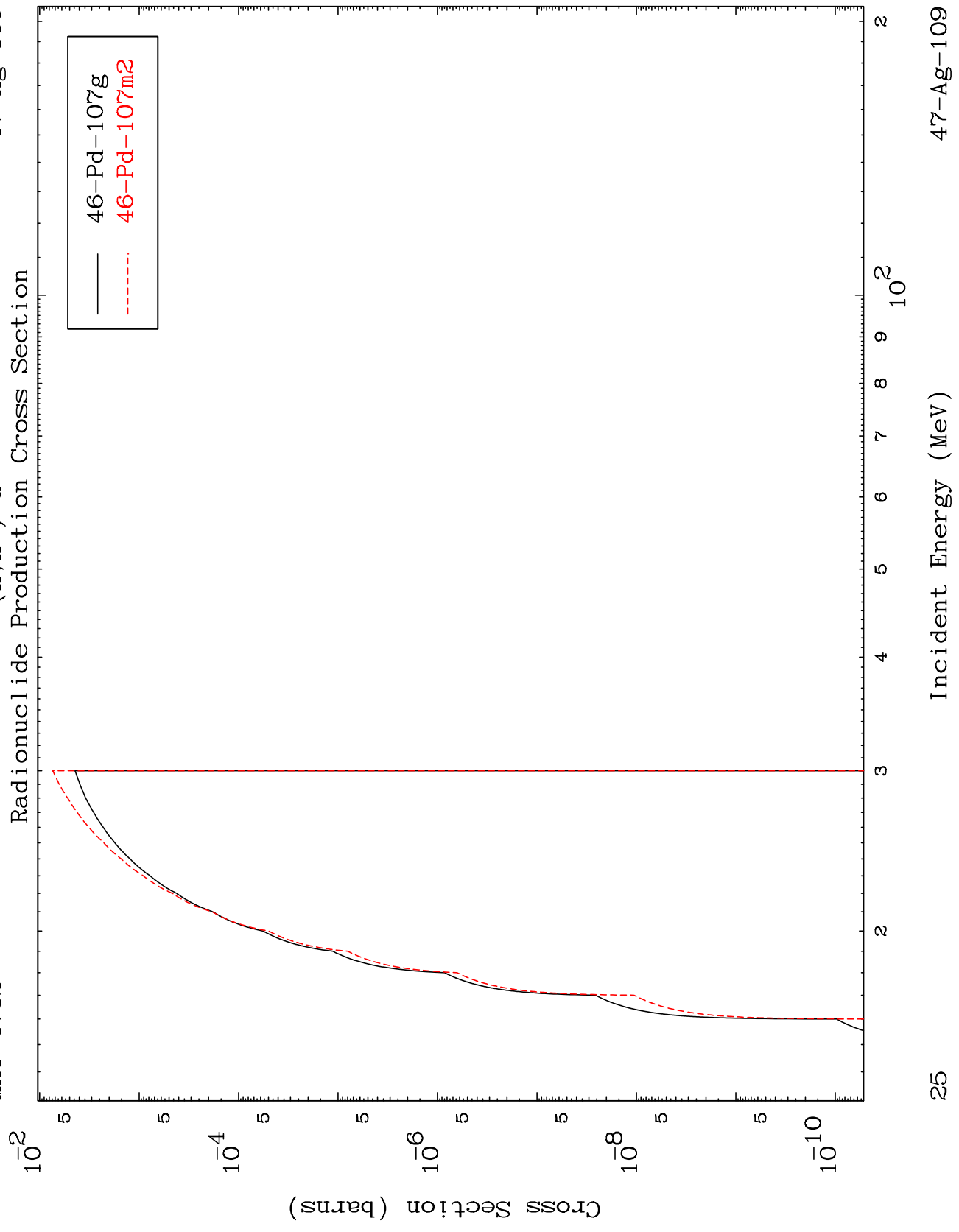
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,n') d

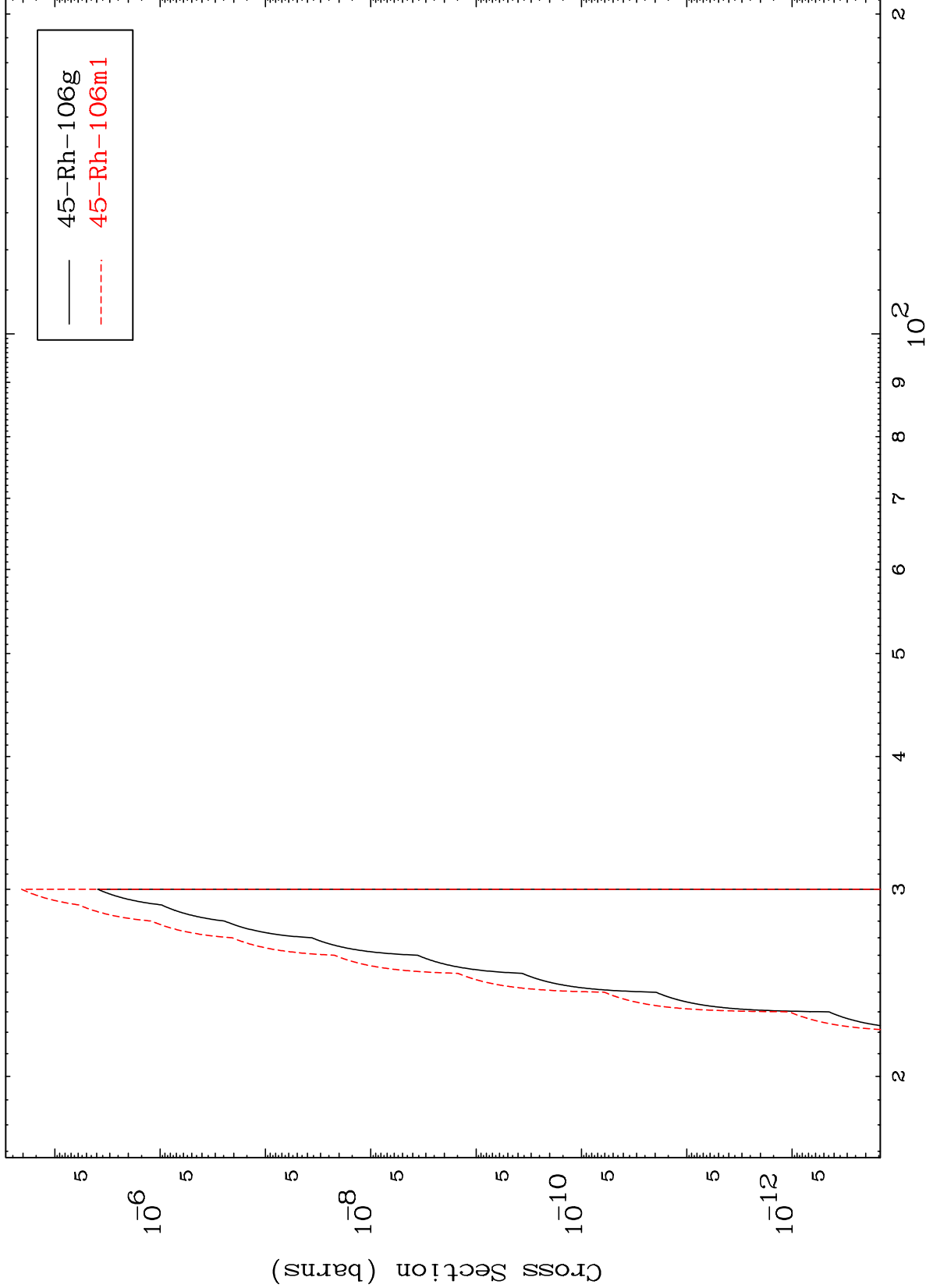
47-Ag-109



25

47-Ag-109

Radionuclide Production Cross Section



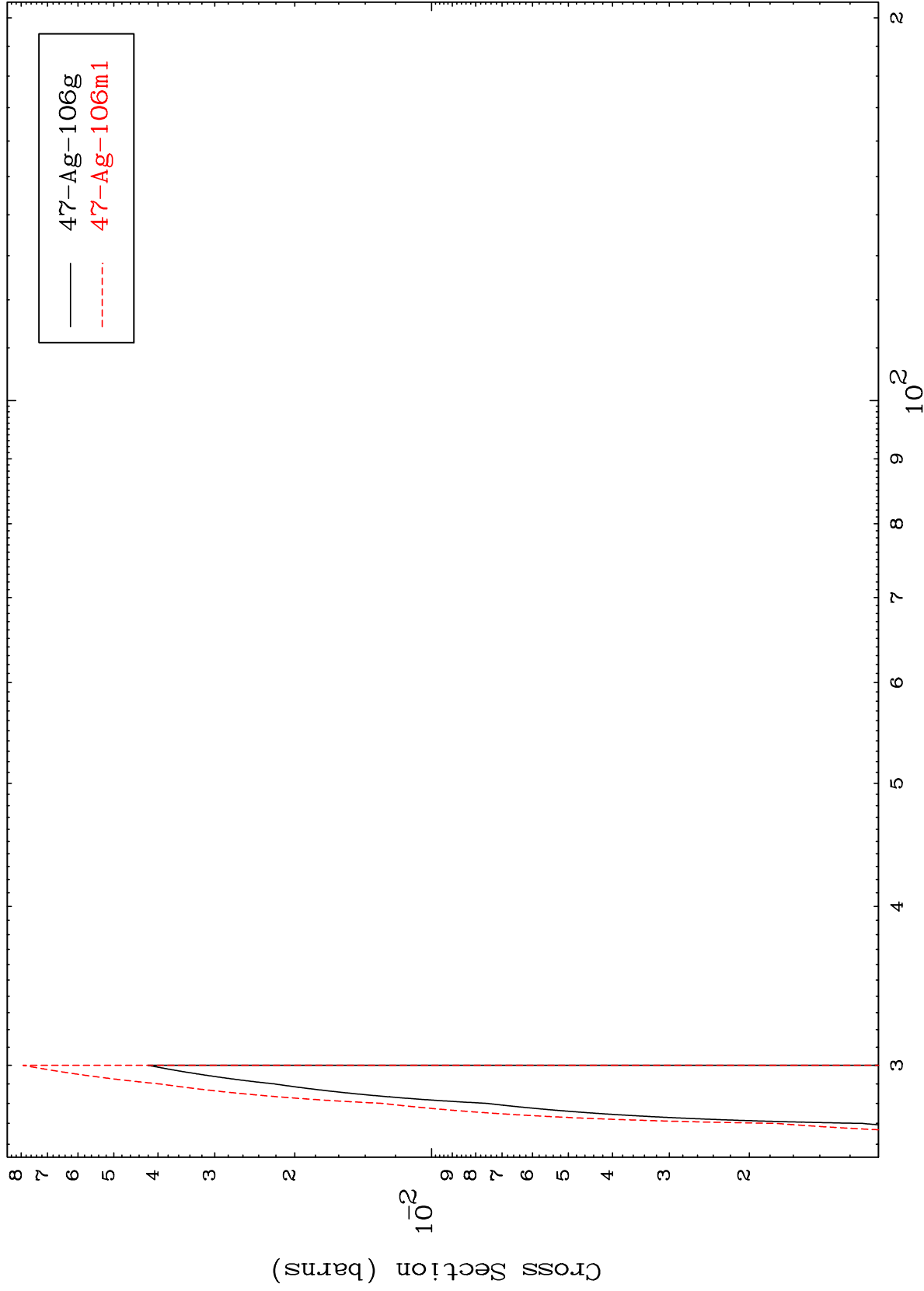
45-Rh-106g  
45-Rh-106m1

MAT 4732

(n,4n)

47-Ag-109

Radionuclide Production Cross Section



27

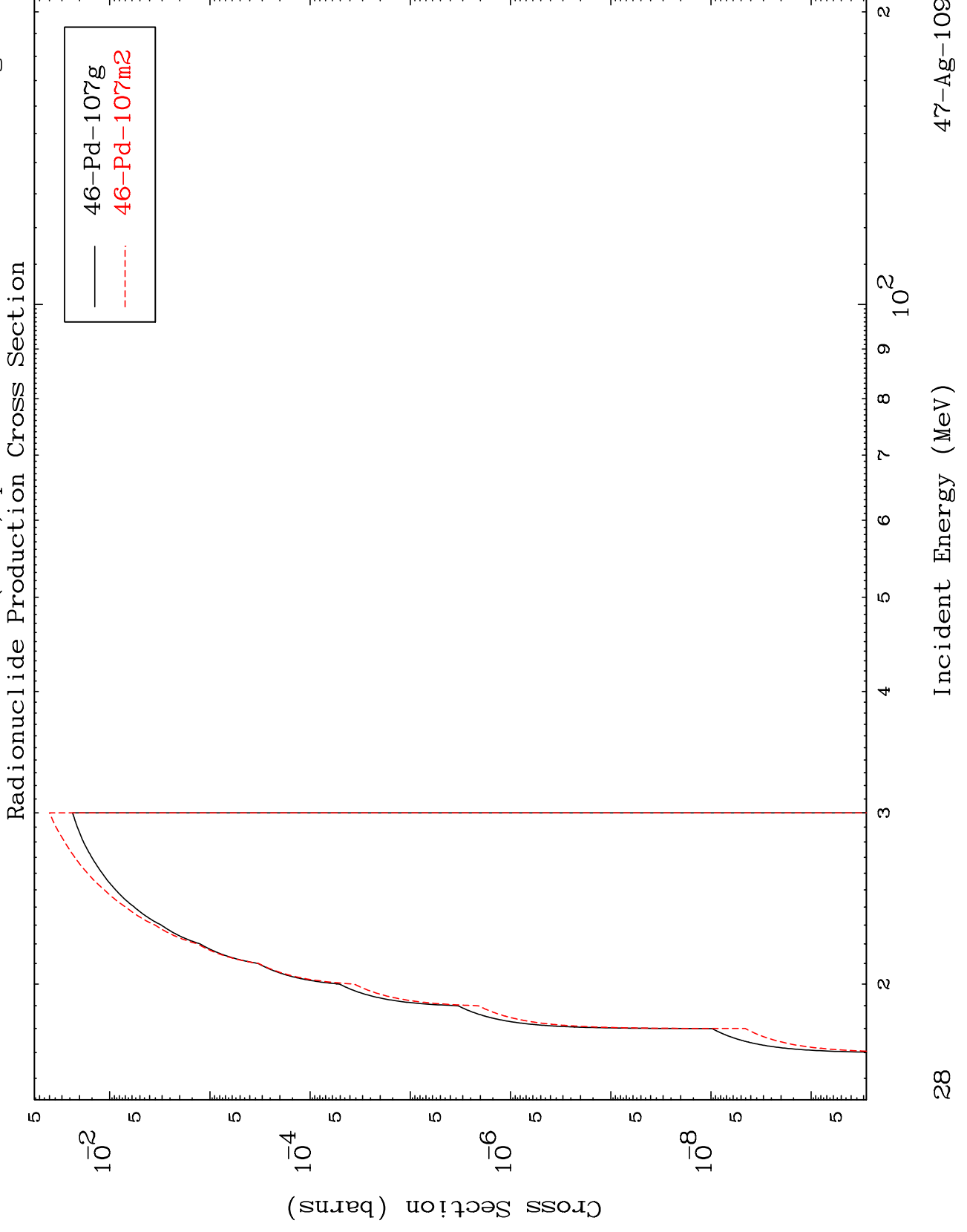
Incident Energy (MeV)

47-Ag-109

MAT 4732

(n,2n) p

47-Ag-109



28

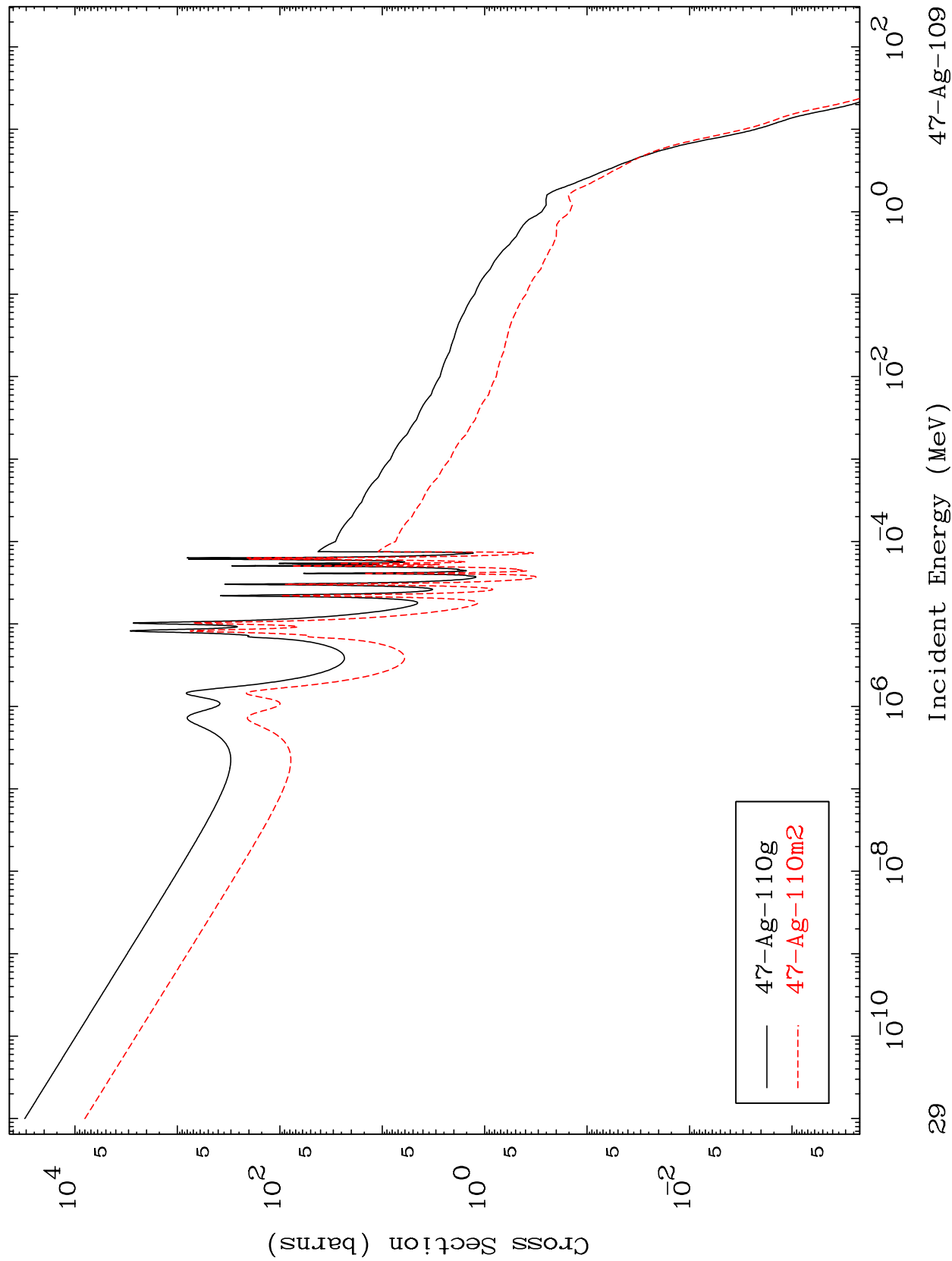
Incident Energy (MeV)

47-Ag-109

MAT 4732

47-Ag-109

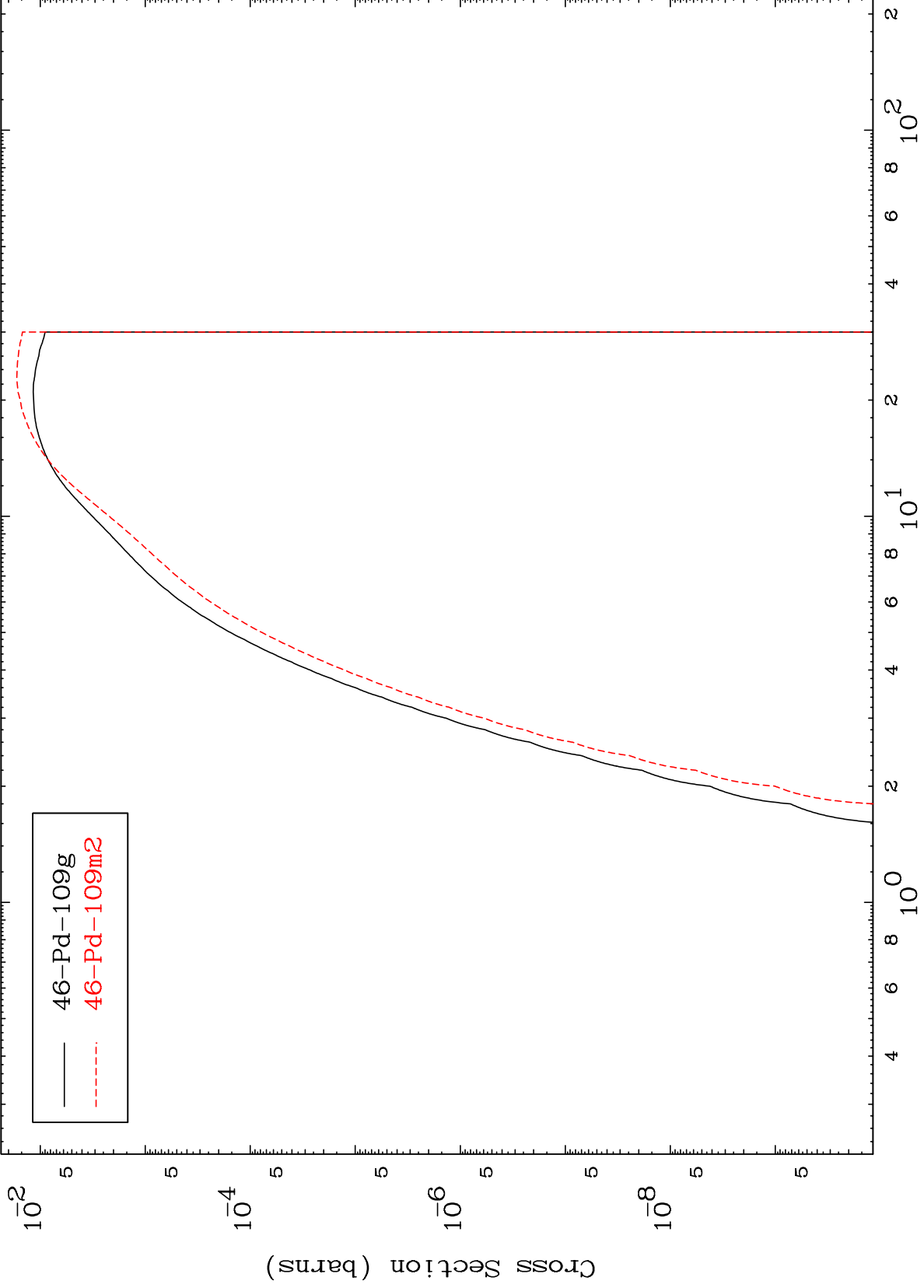
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 4732

47-Ag-109

(n,p)  
Radionuclide Production Cross Section

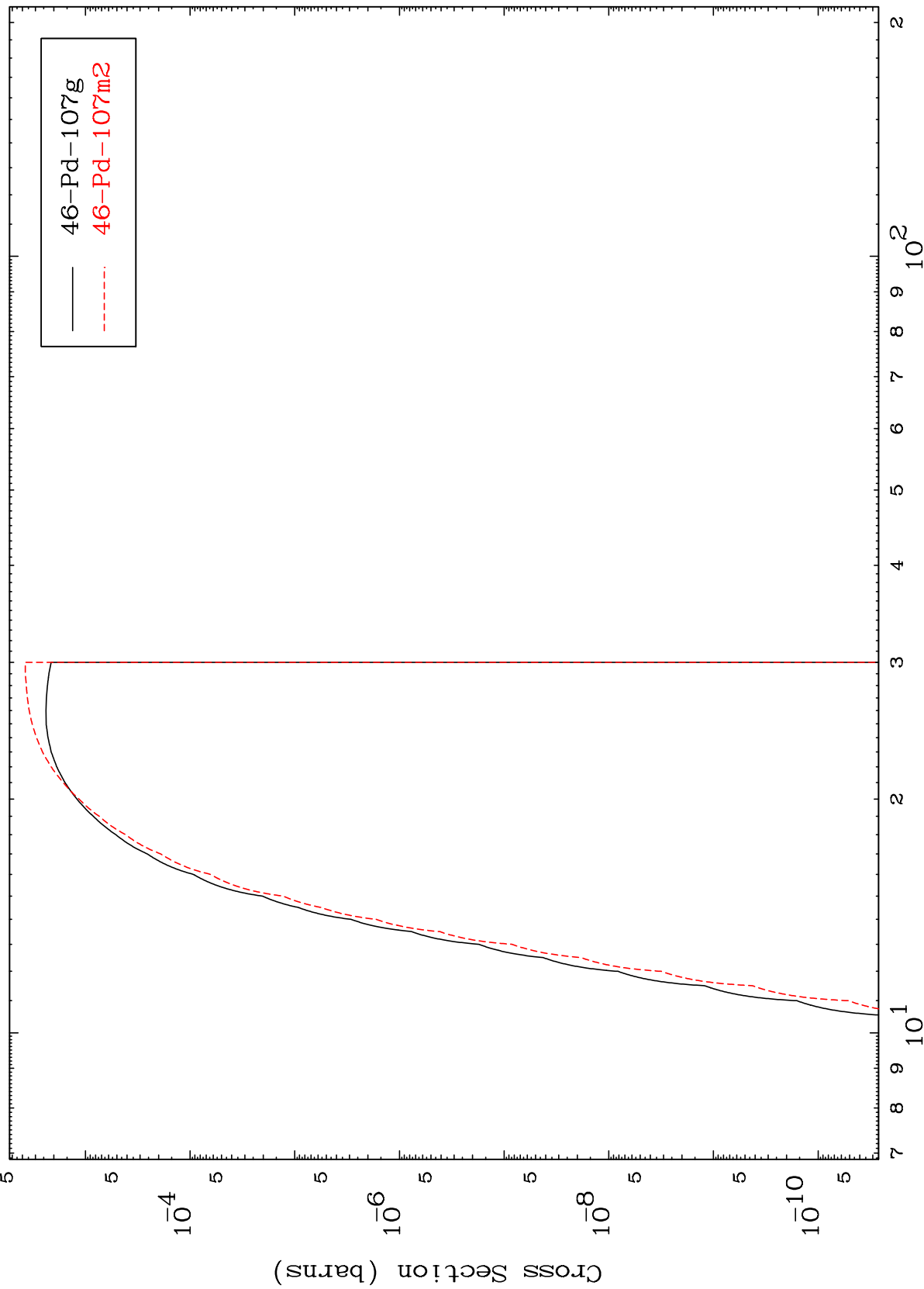


30

Incident Energy (MeV)

47-Ag-109

(n, t)  
Radionuclide Production Cross Section

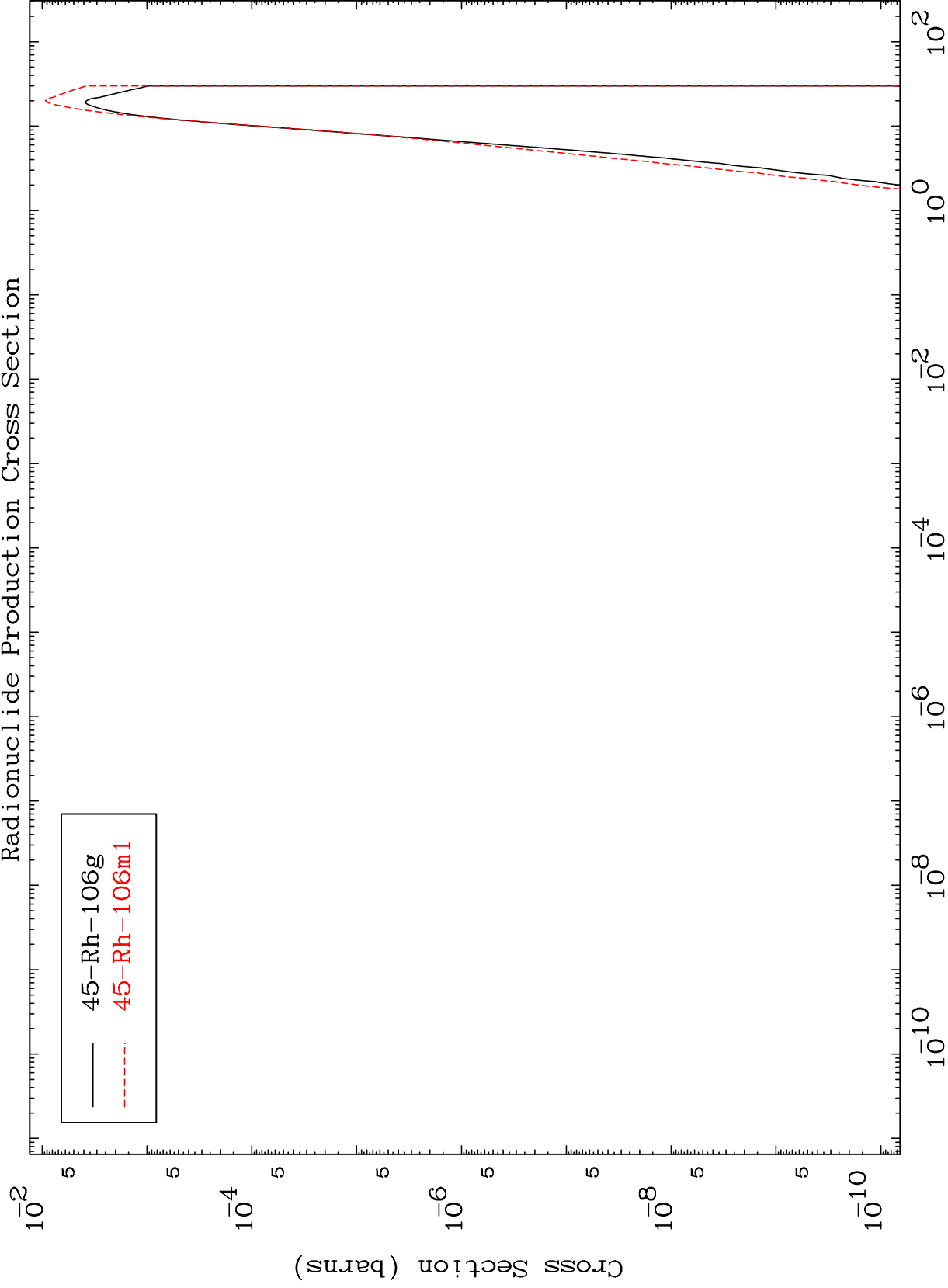




MAT 4732

47-Ag-109

Radionuclide Production Cross Section

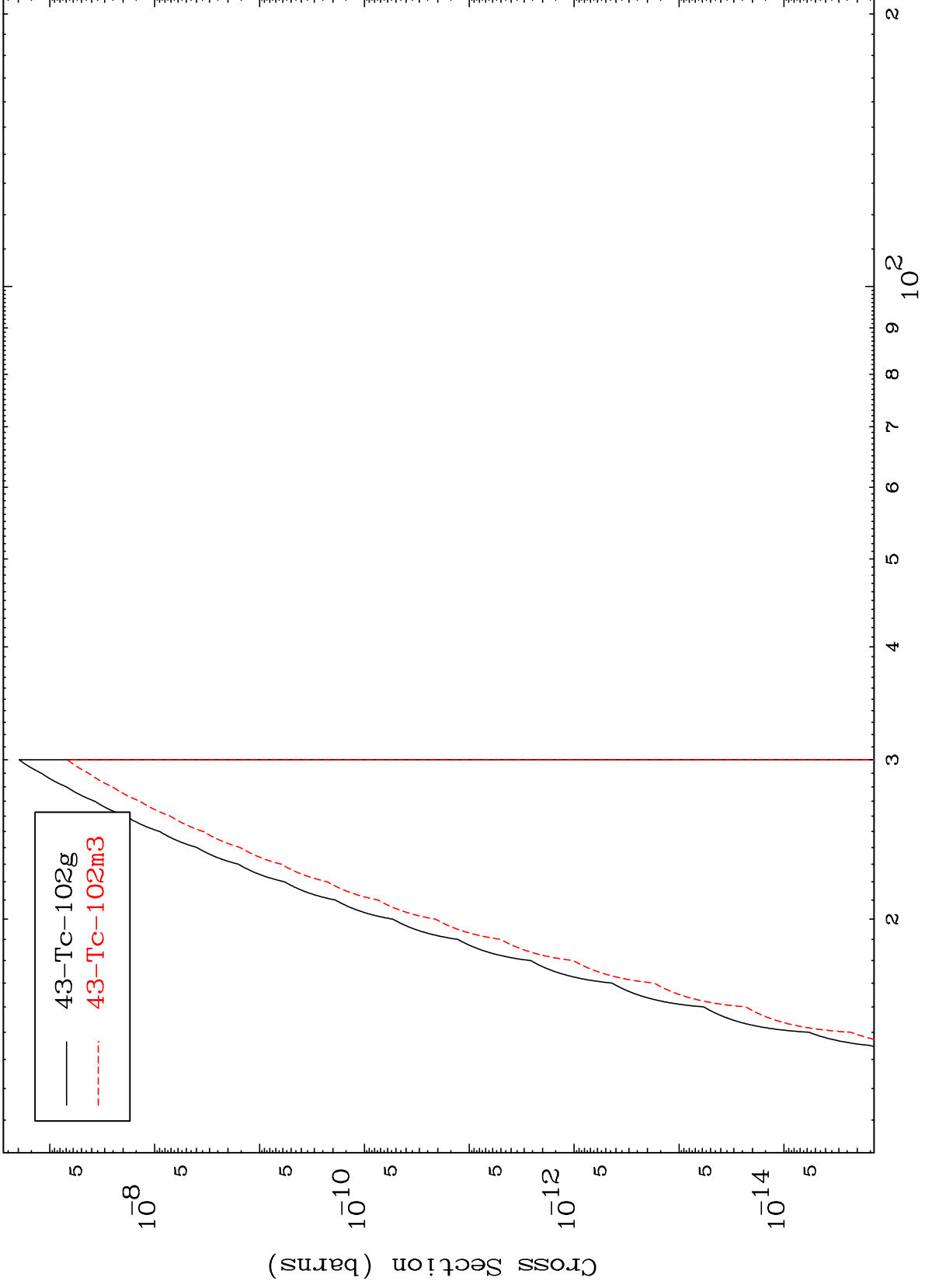


Incident Energy (MeV)

47-Ag-109

32

Radionuclide Production Cross Section  
(n,2α)

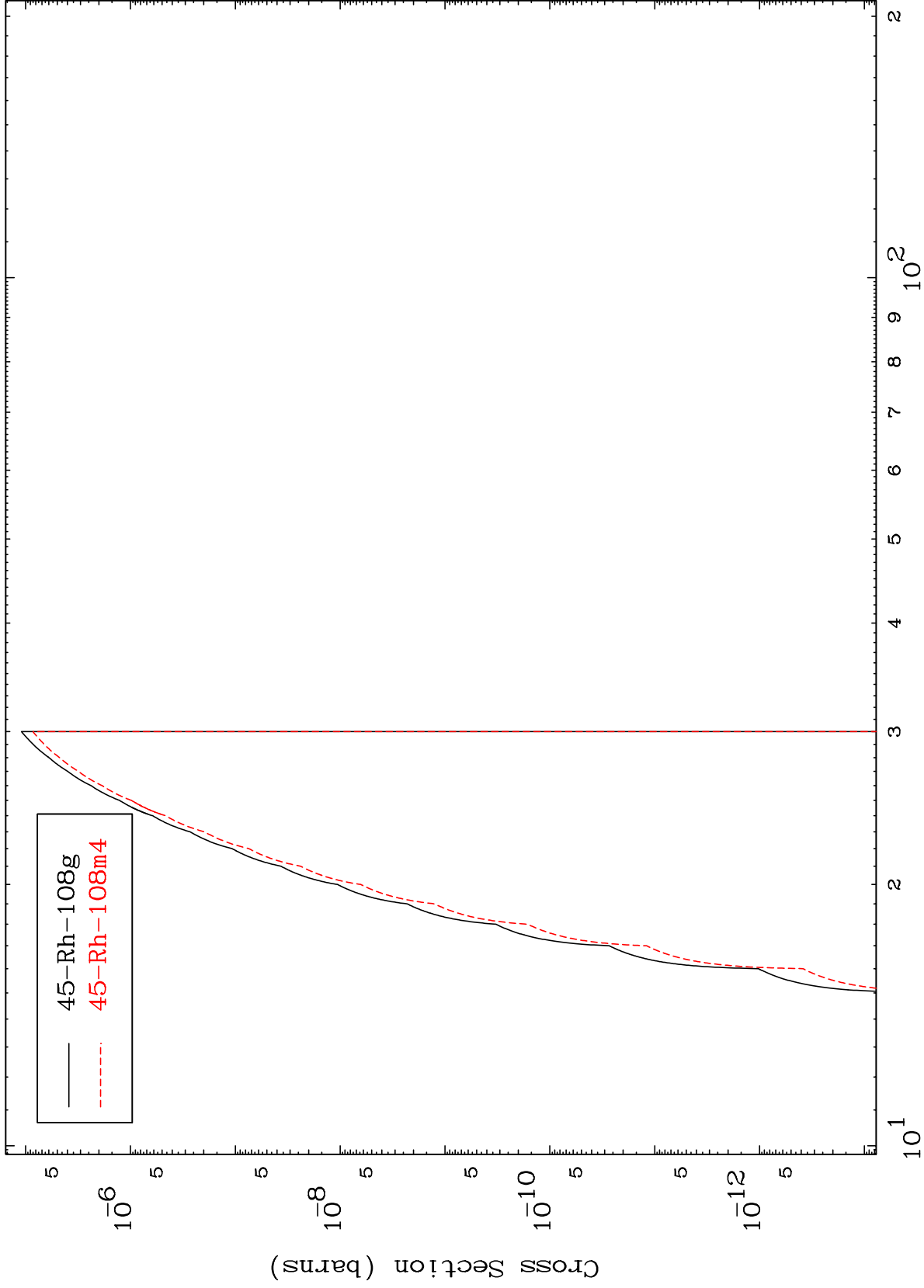


MAT 4732

(n,2p)

47-Ag-109

Radionuclide Production Cross Section



Incident Energy (MeV)

47-Ag-109

34

Radionuclide Production Cross Section

