

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

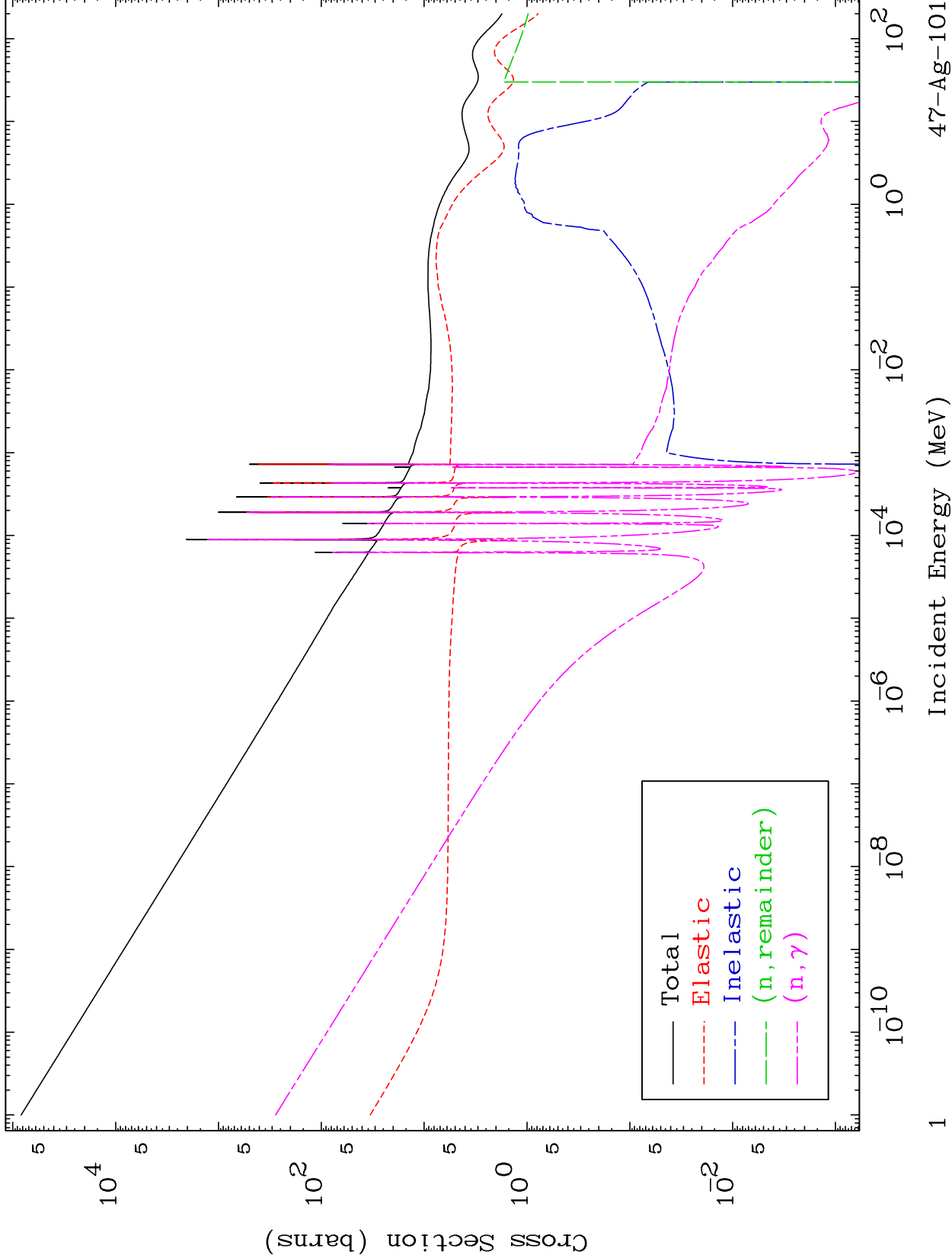
Press Mouse Button to Start

MAT 4708

Major

293 Kelvin Cross Sections

47-Ag-101



1

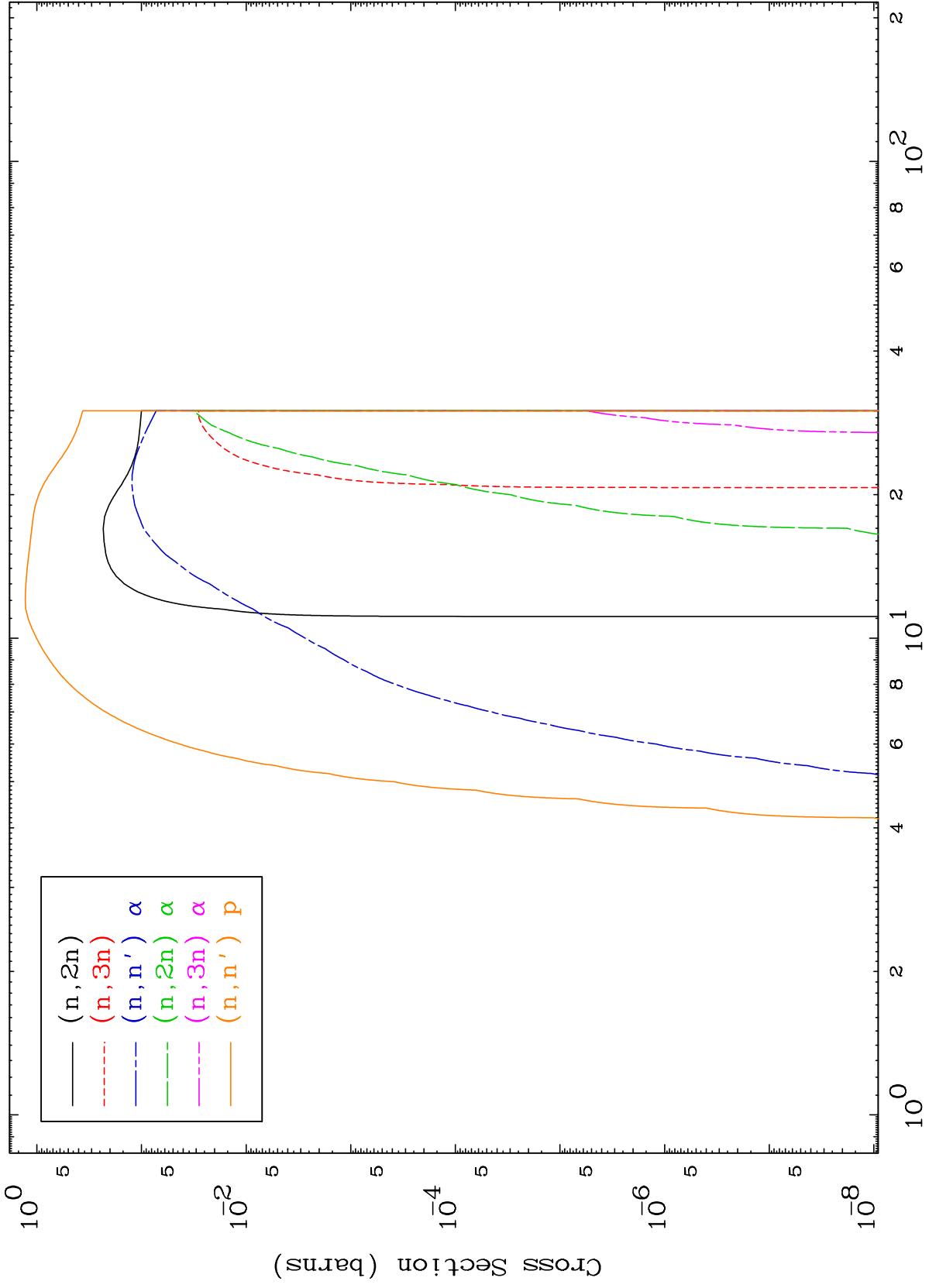
Incident Energy (MeV)

47-Ag-101

MAT 4708

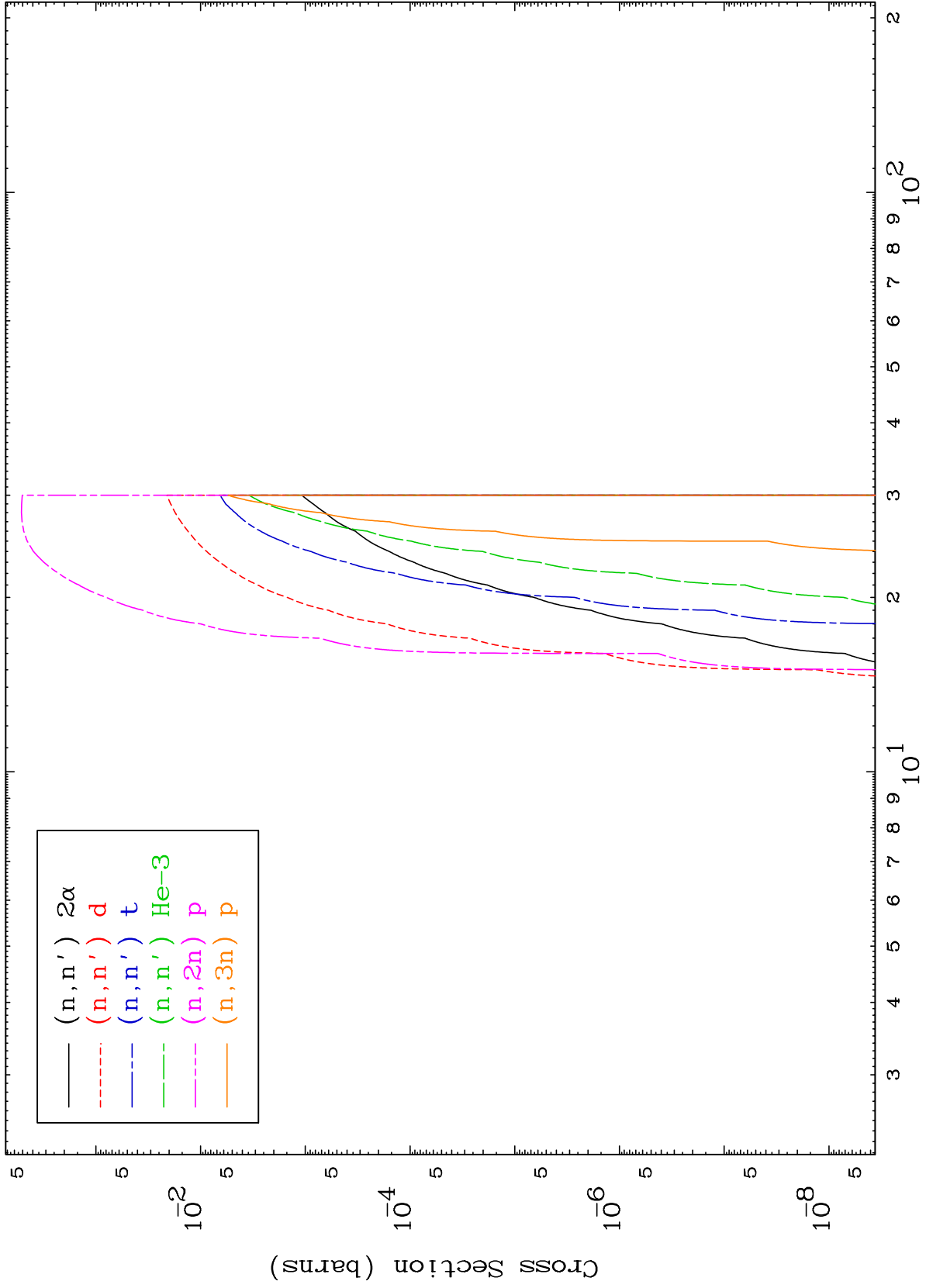
Neutron Production  
293 Kelvin Cross Sections

47-Ag-101



Incident Energy (MeV)

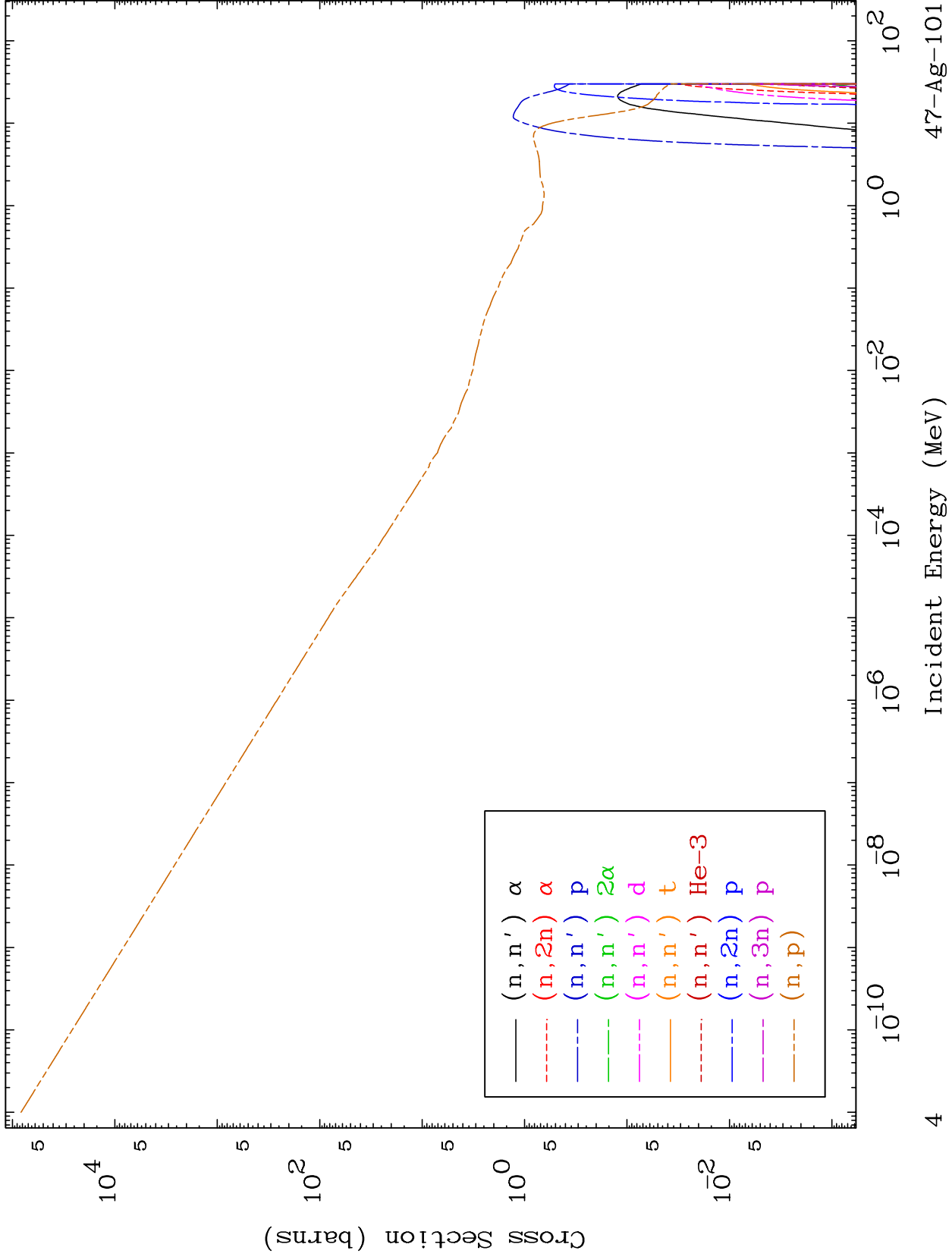
47-Ag-101



MAT 4708

Charged Particle  
293 Kelvin Cross Sections

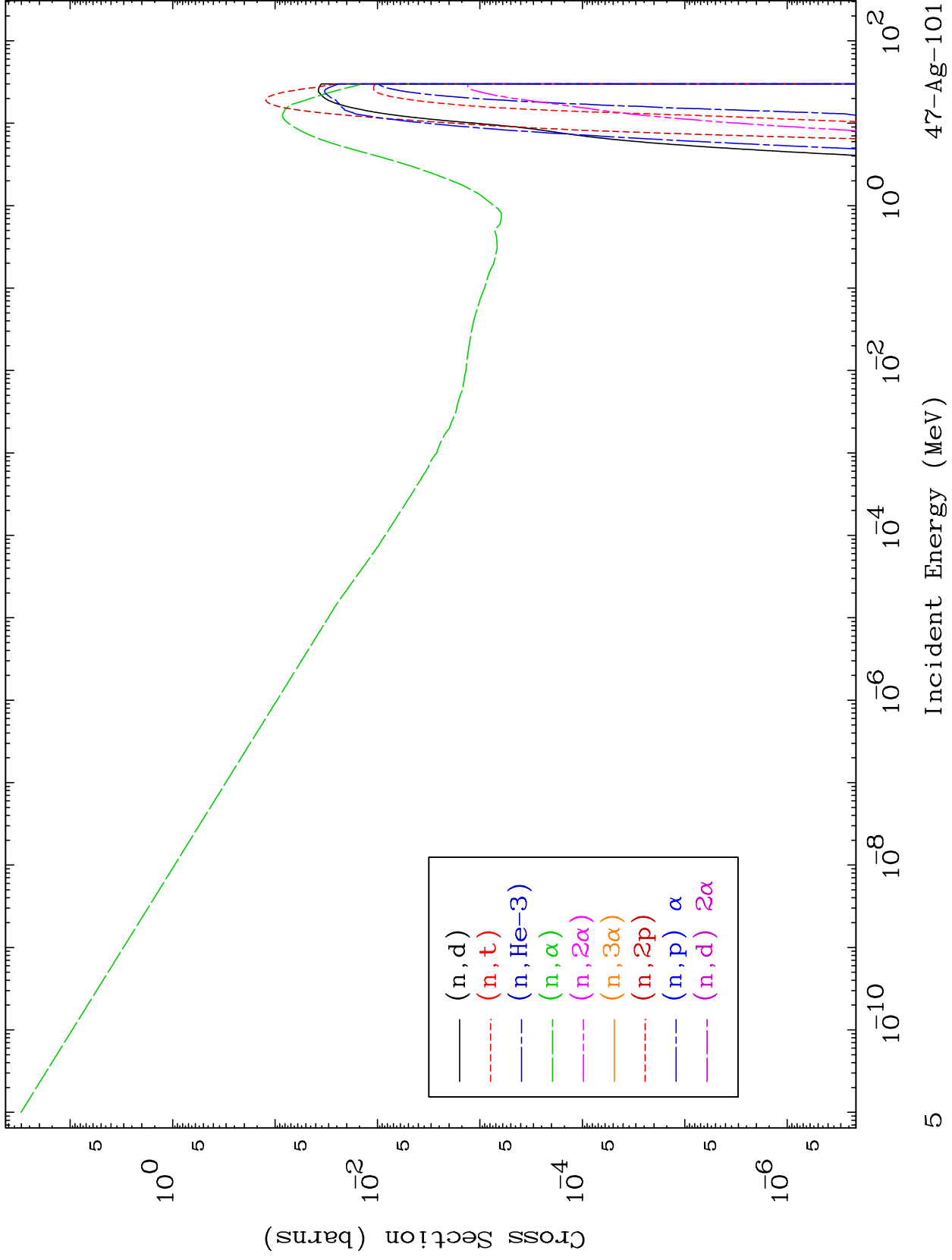
47-Ag-101

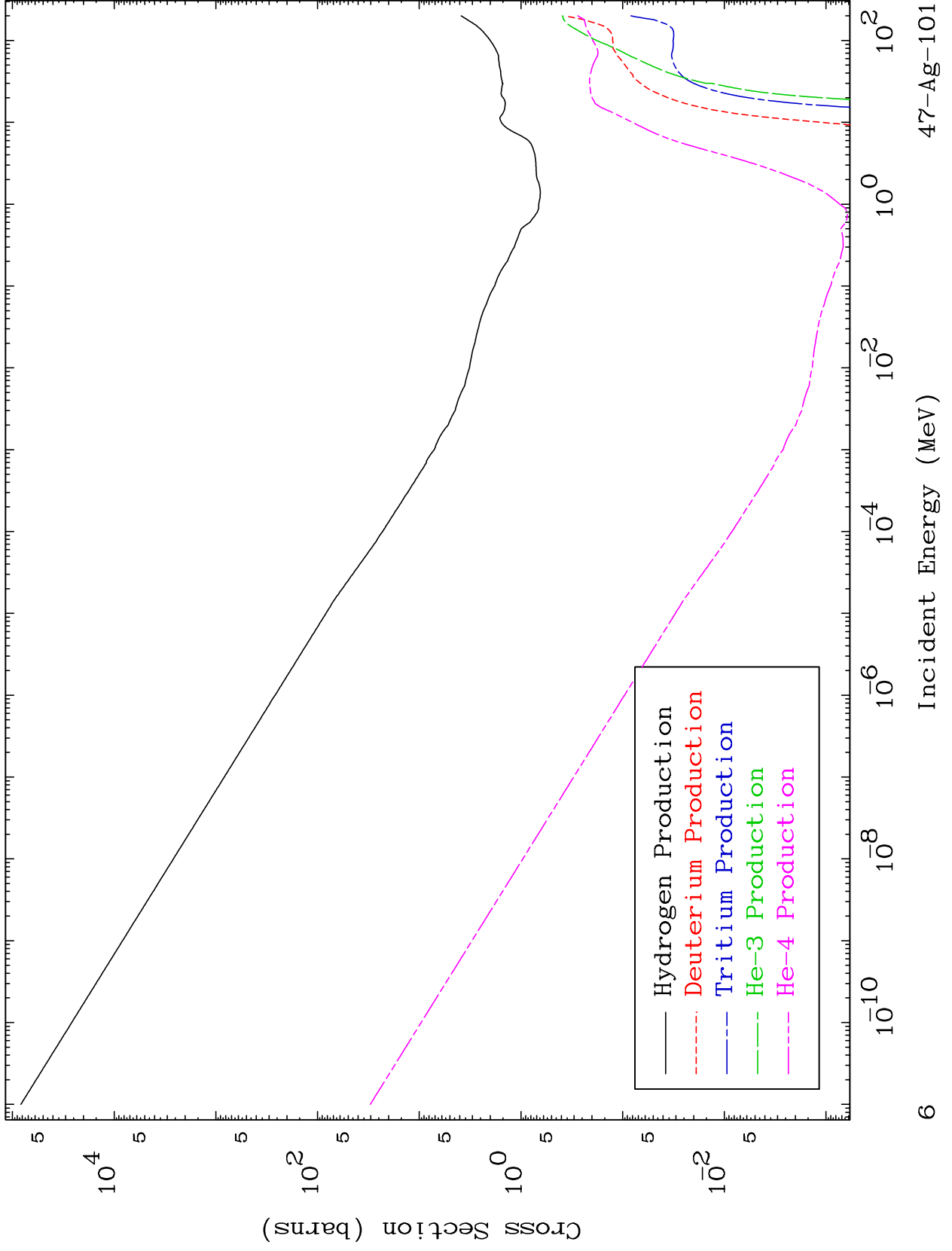


MAT 4708

Charged Particle  
293 Kelvin Cross Sections

47-Ag-101

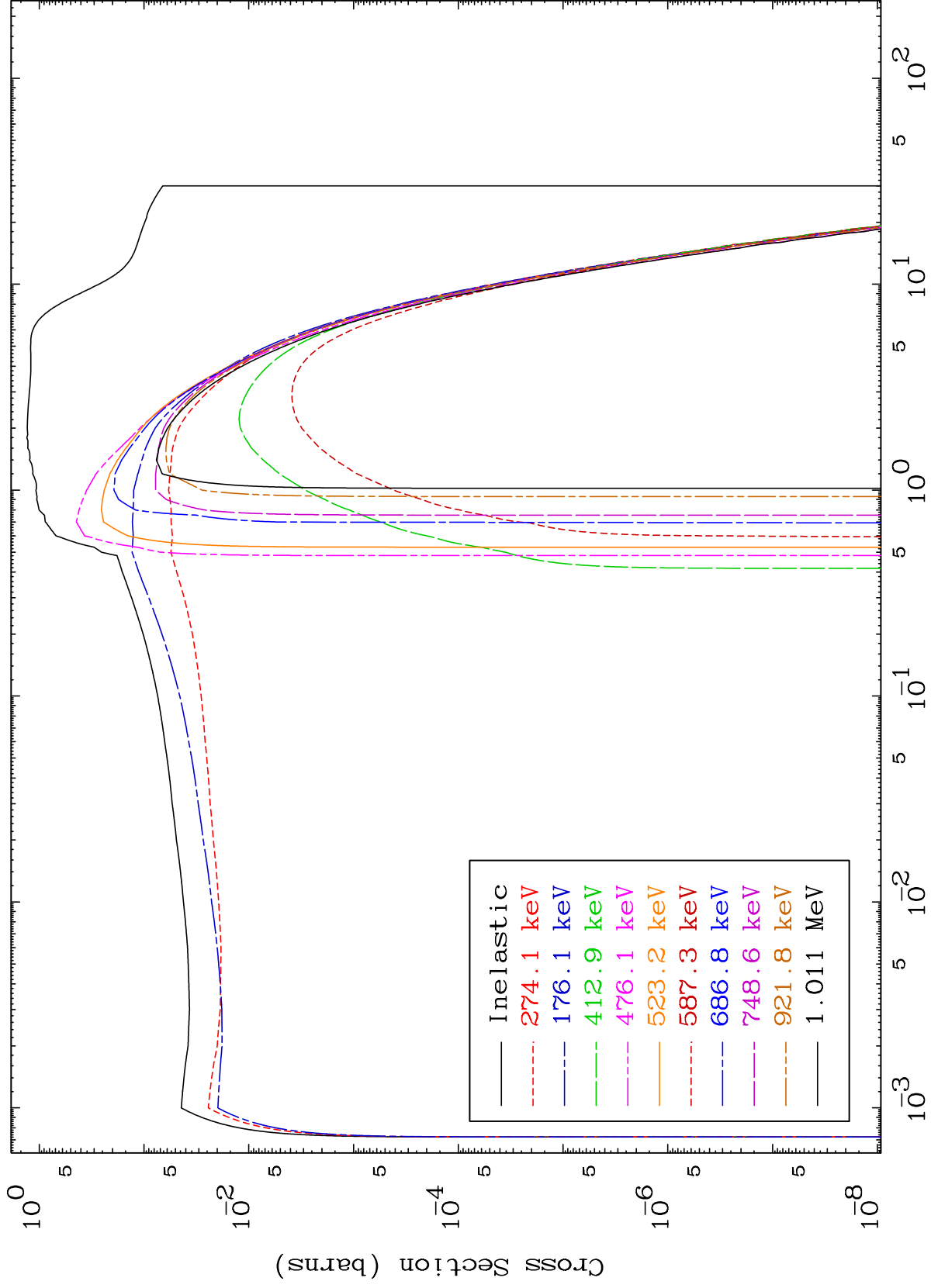




MAT 4708

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-101



7

Incident Energy (MeV)

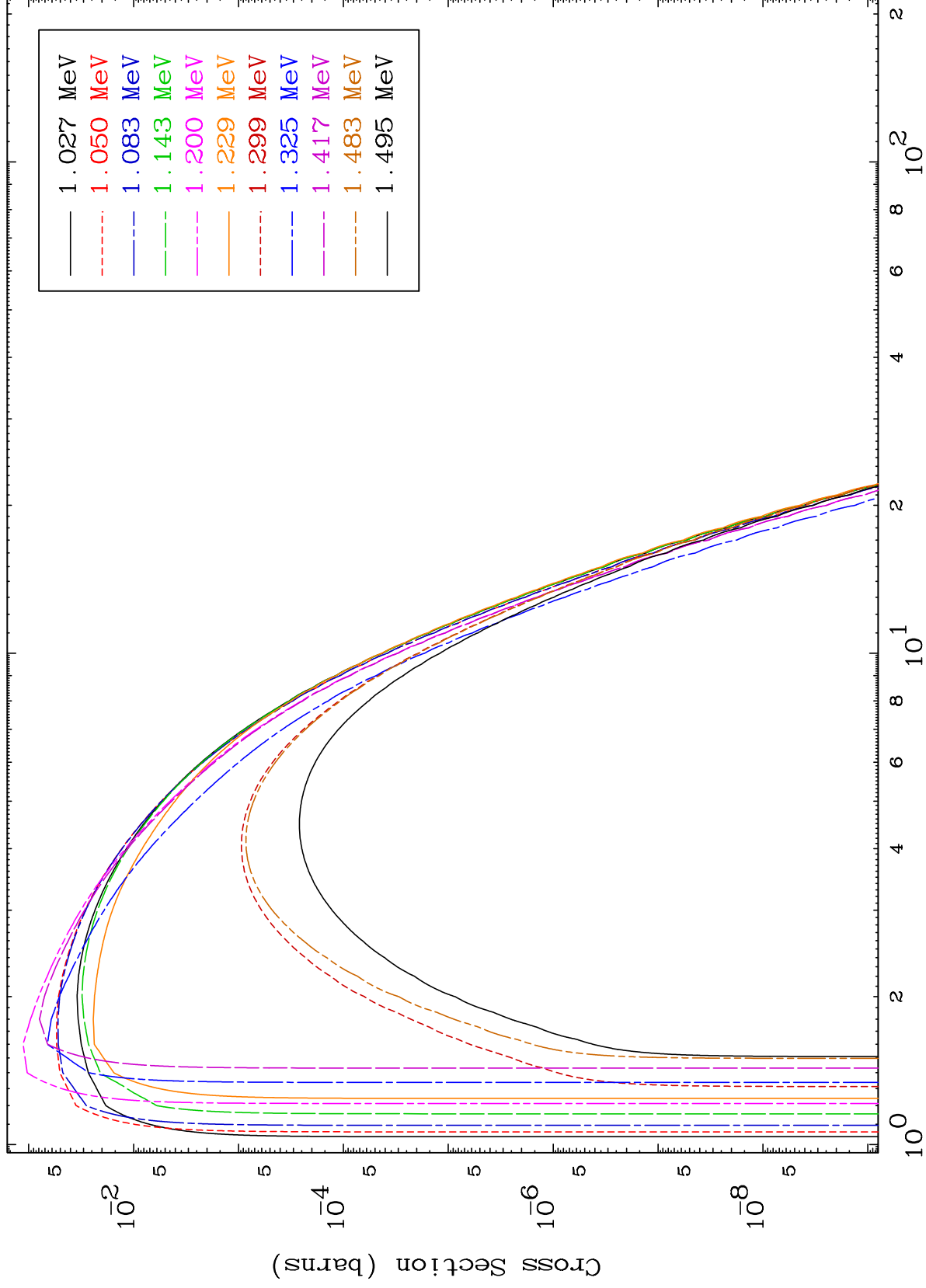
47-Ag-101



MAT 4708

(n,n') Level  
293 Kelvin Cross Sections

47-Ag-101



Incident Energy (MeV)

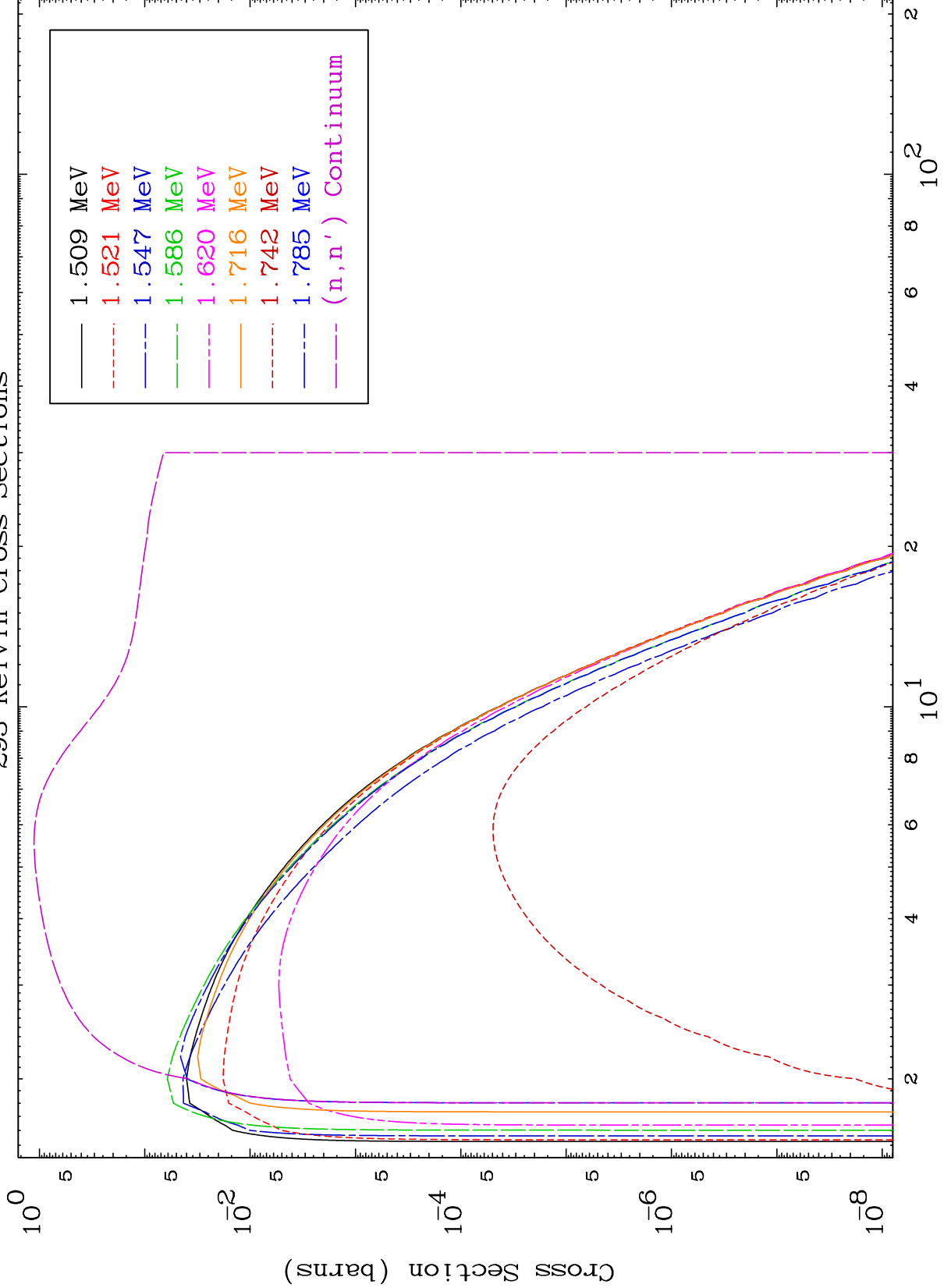
47-Ag-101

MAT 4708

(n,n') Level

47-Ag-101

293 Kelvin Cross Sections



9

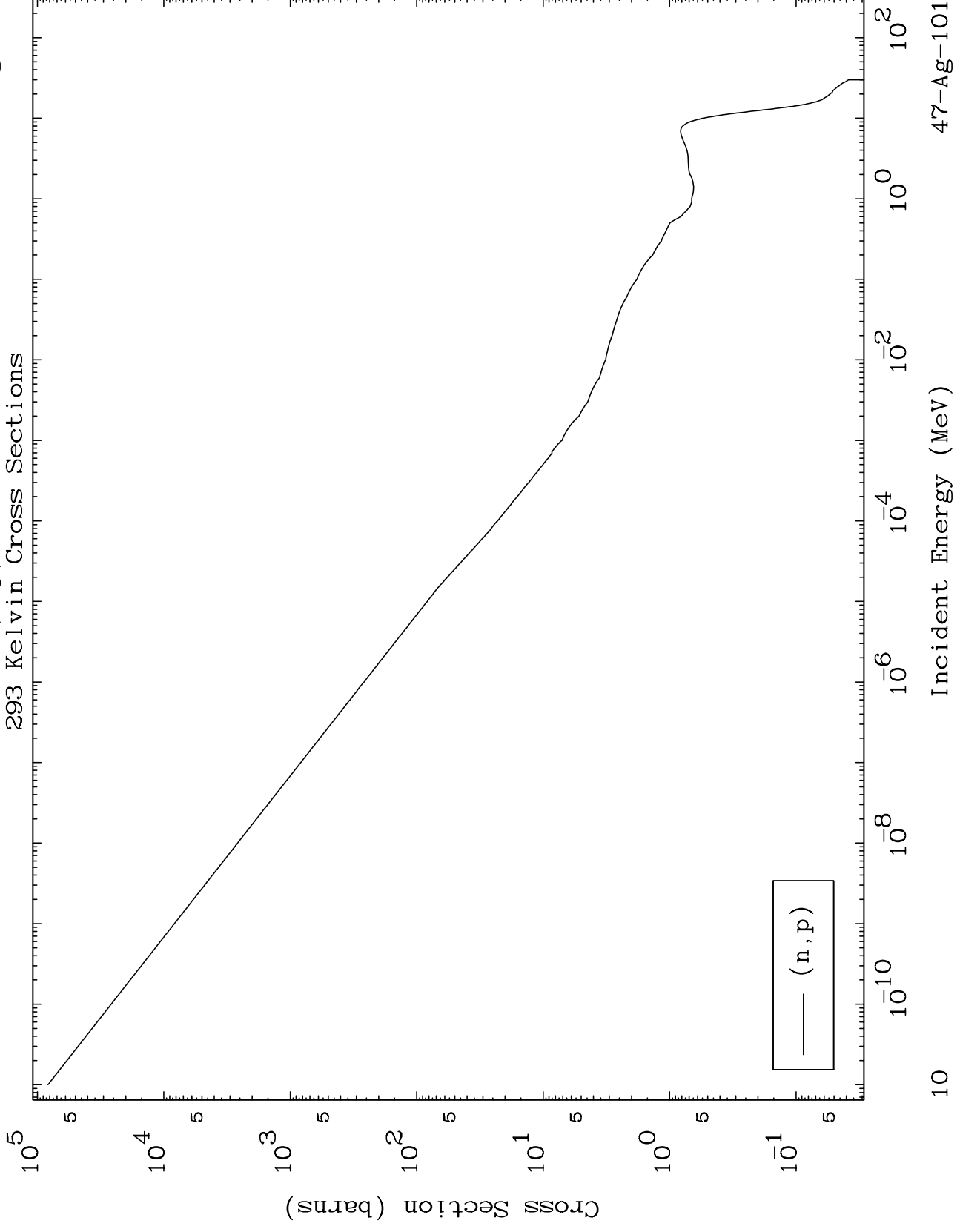
Incident Energy (MeV)

47-Ag-101

MAT 4708

(n,p) Levels  
293 Kelvin Cross Sections

47-Ag-101



10

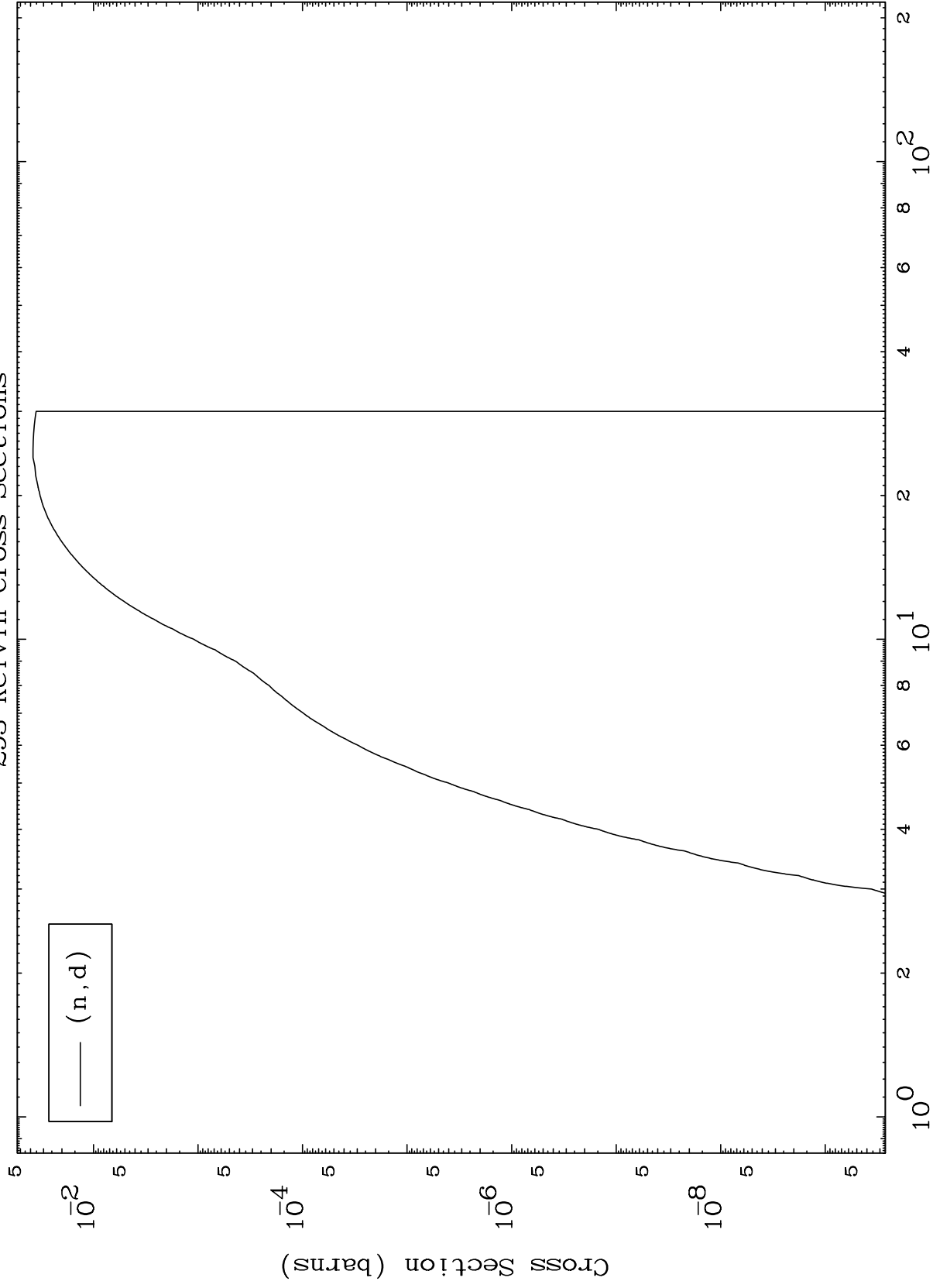
Incident Energy (MeV)

47-Ag-101

MAT 4708

(n,d) Levels  
293 Kelvin Cross Sections

47-Ag-101



(n,d)

11

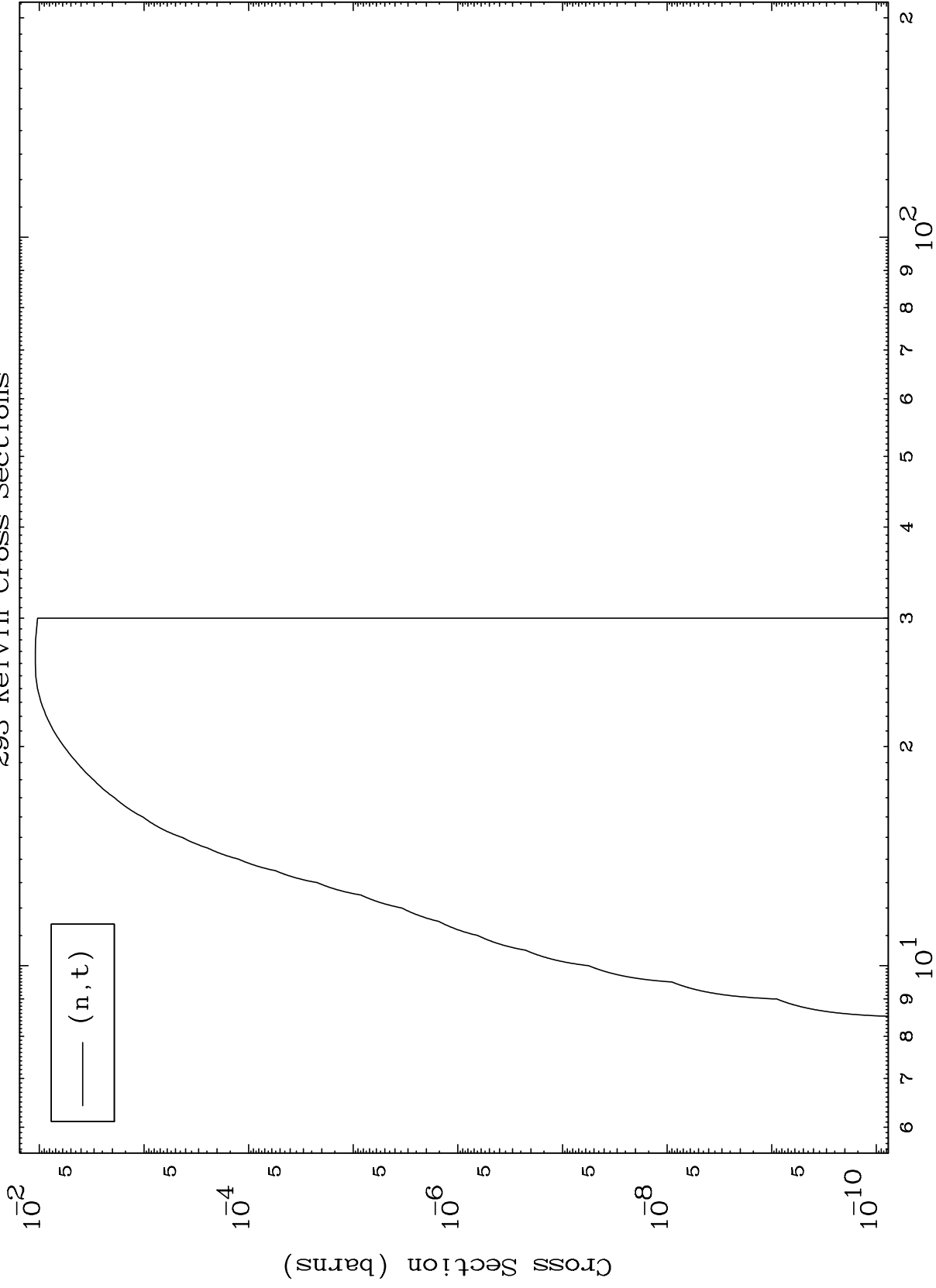
Incident Energy (MeV)

47-Ag-101

MAT 4708

(n,t) Levels  
293 Kelvin Cross Sections

47-Ag-101



12

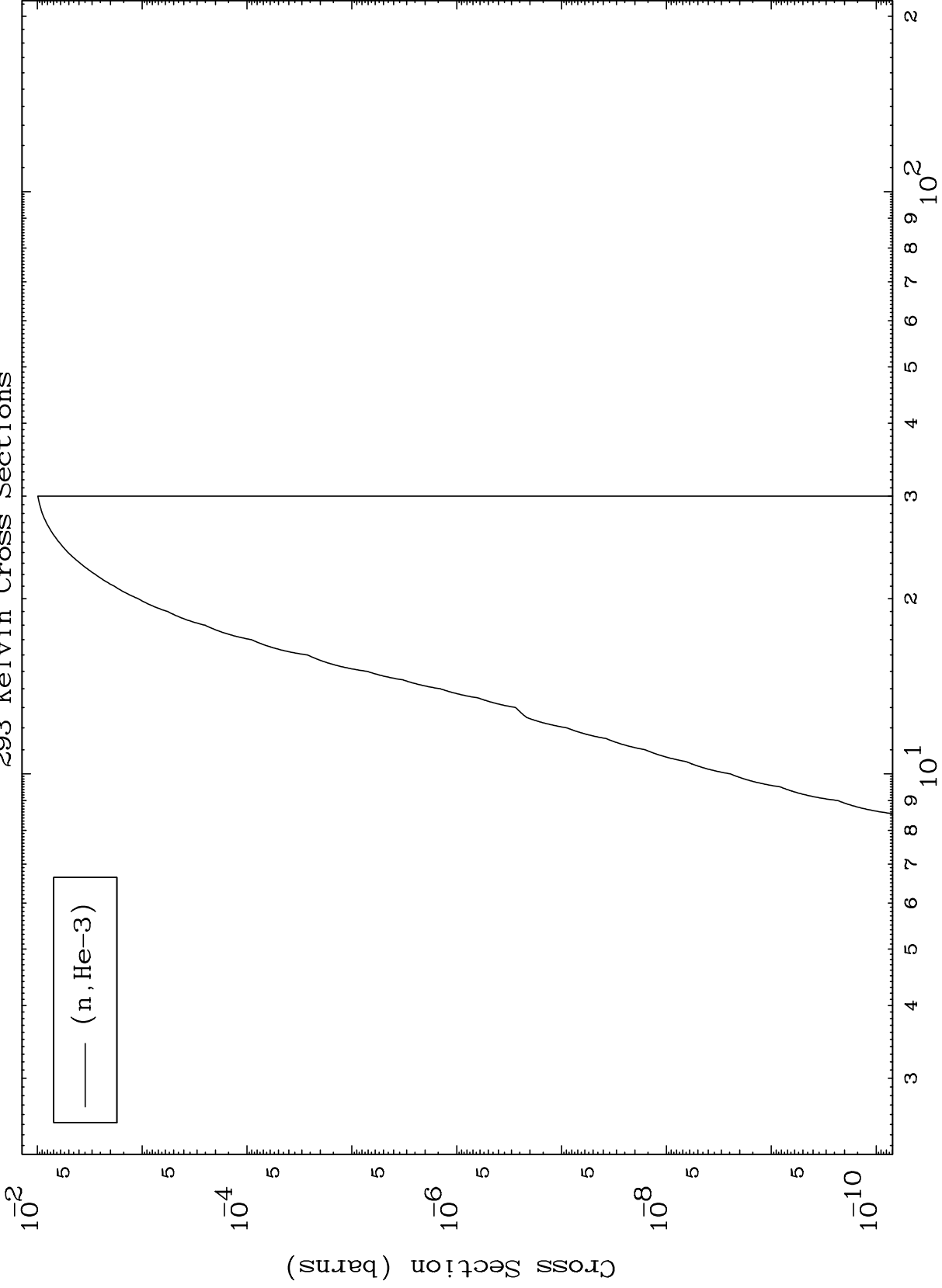
Incident Energy (MeV)

47-Ag-101

MAT 4708

47-Ag-101

(n,He3) Levels  
293 Kelvin Cross Sections



13

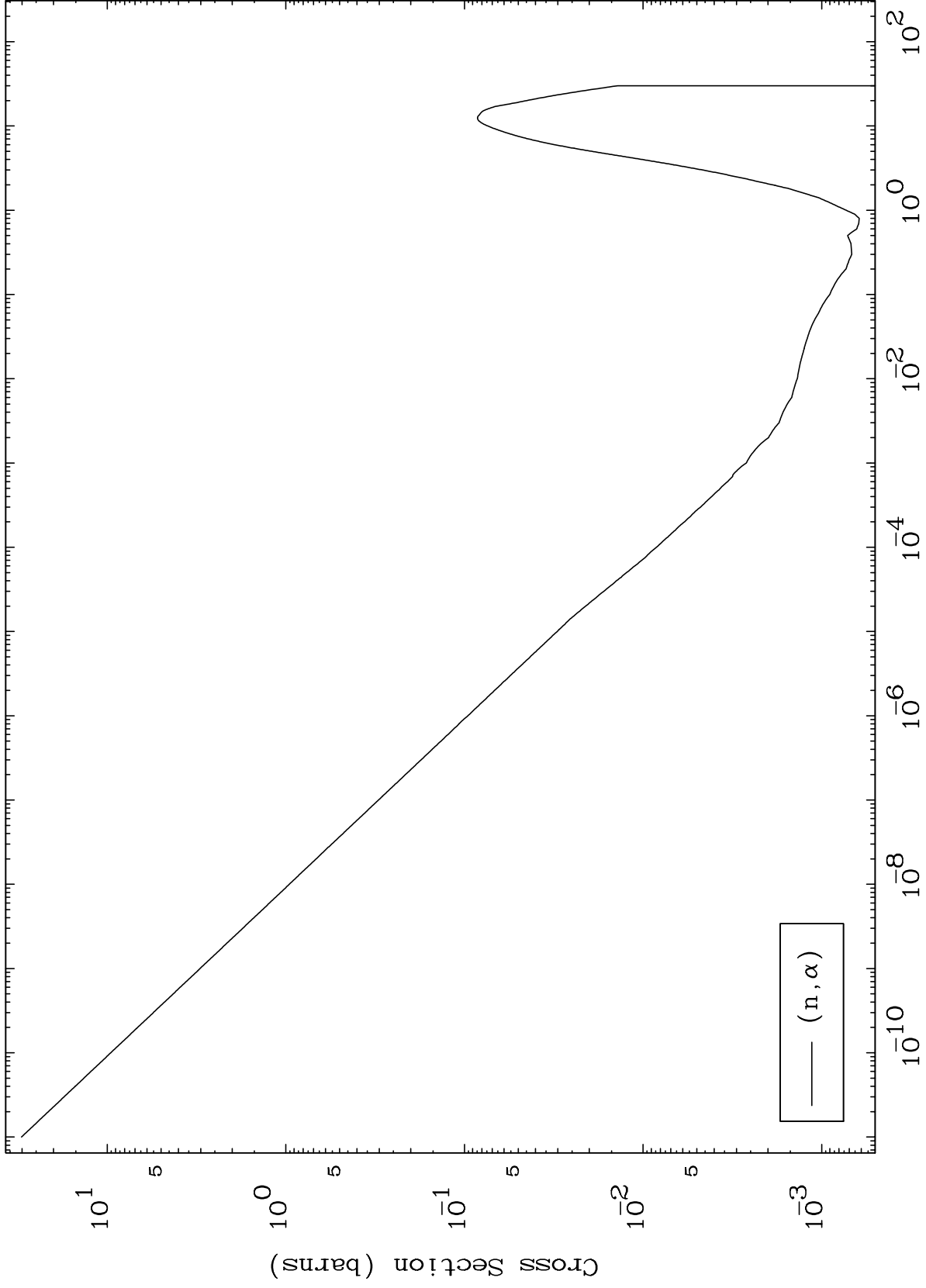
Incident Energy (MeV)

47-Ag-101

MAT 4708

(n,α) Levels  
293 Kelvin Cross Sections

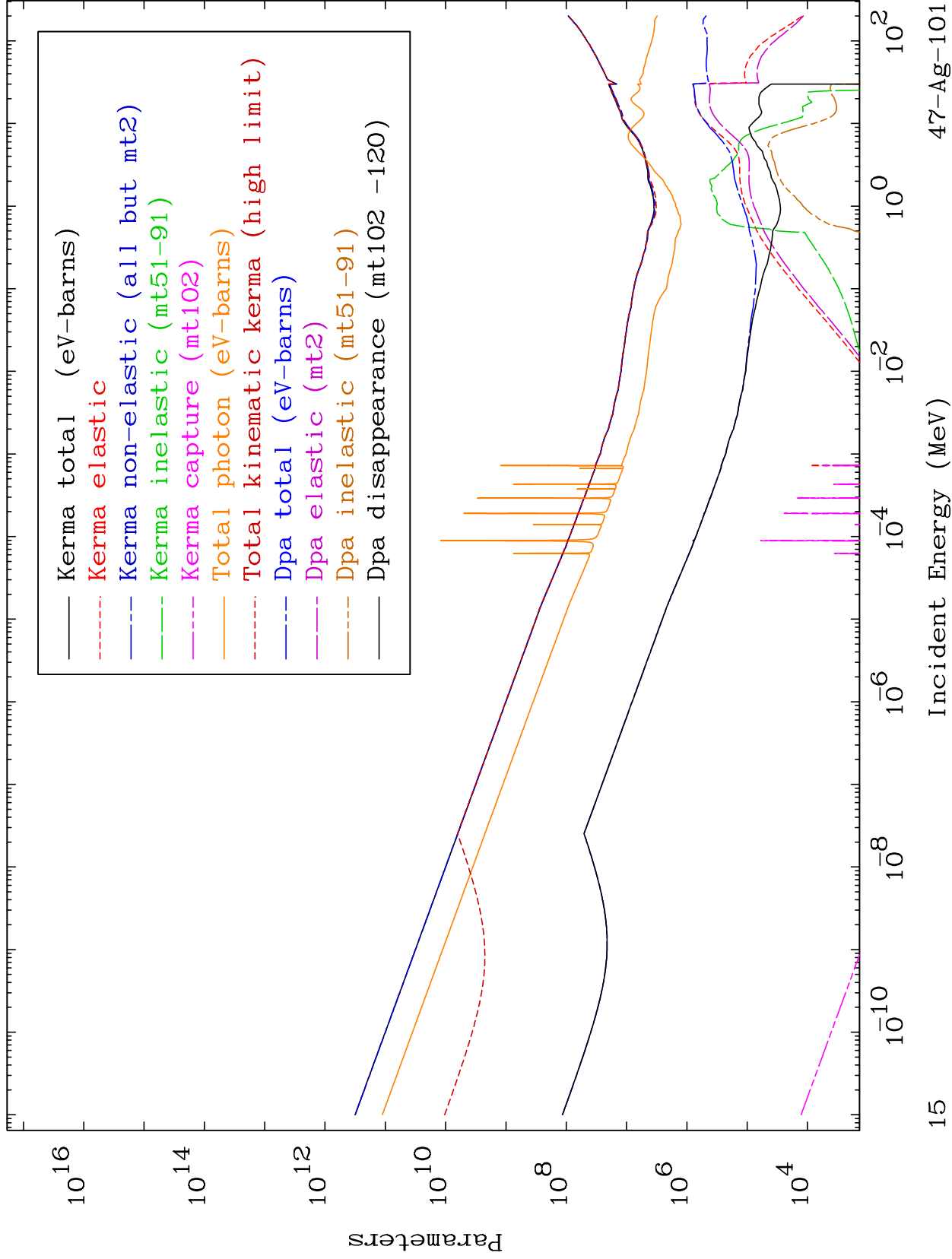
47-Ag-101



14

Incident Energy (MeV)

47-Ag-101

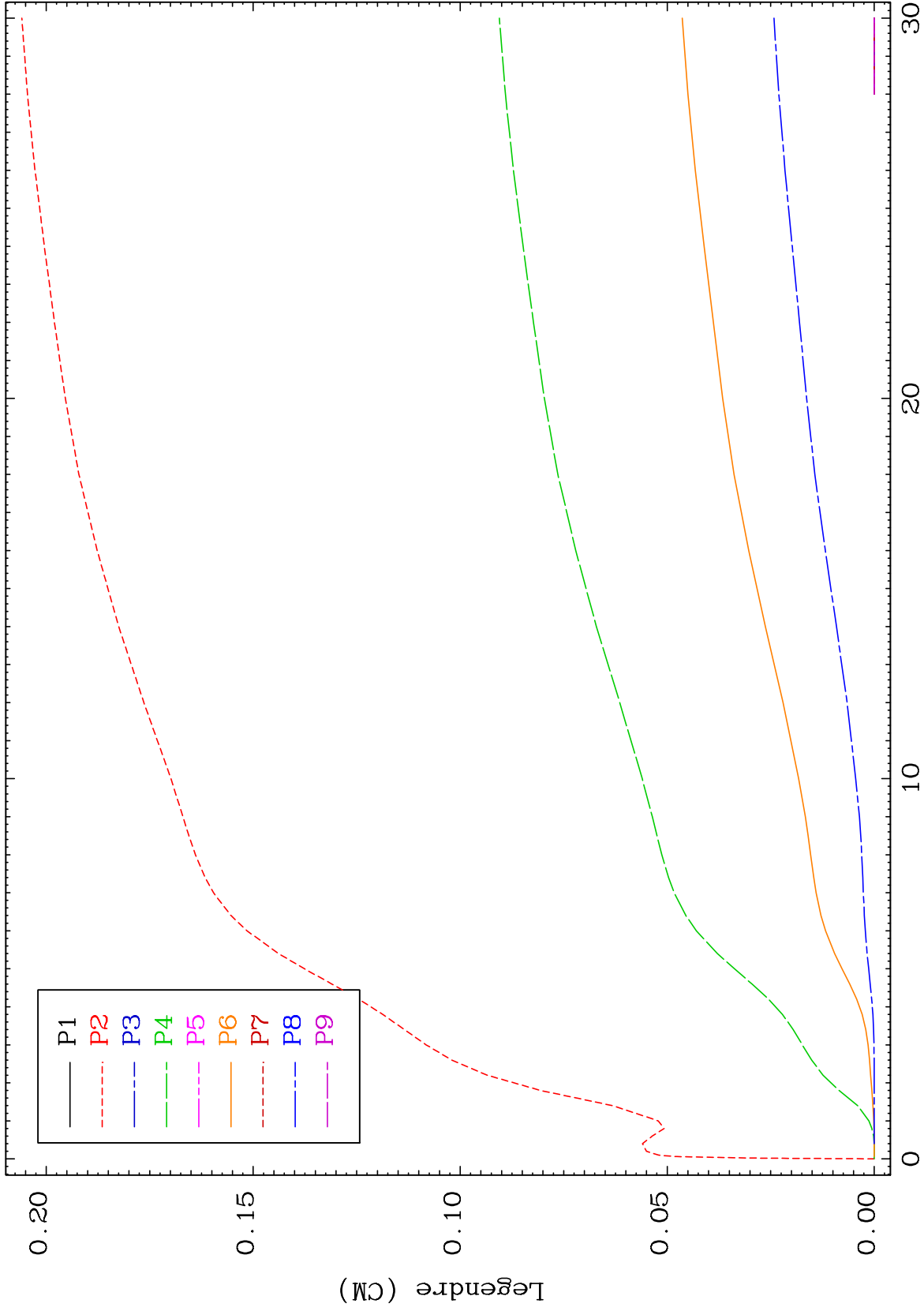




MAT 4708

Elastic Legendre Coefficients

47-Ag-101



16

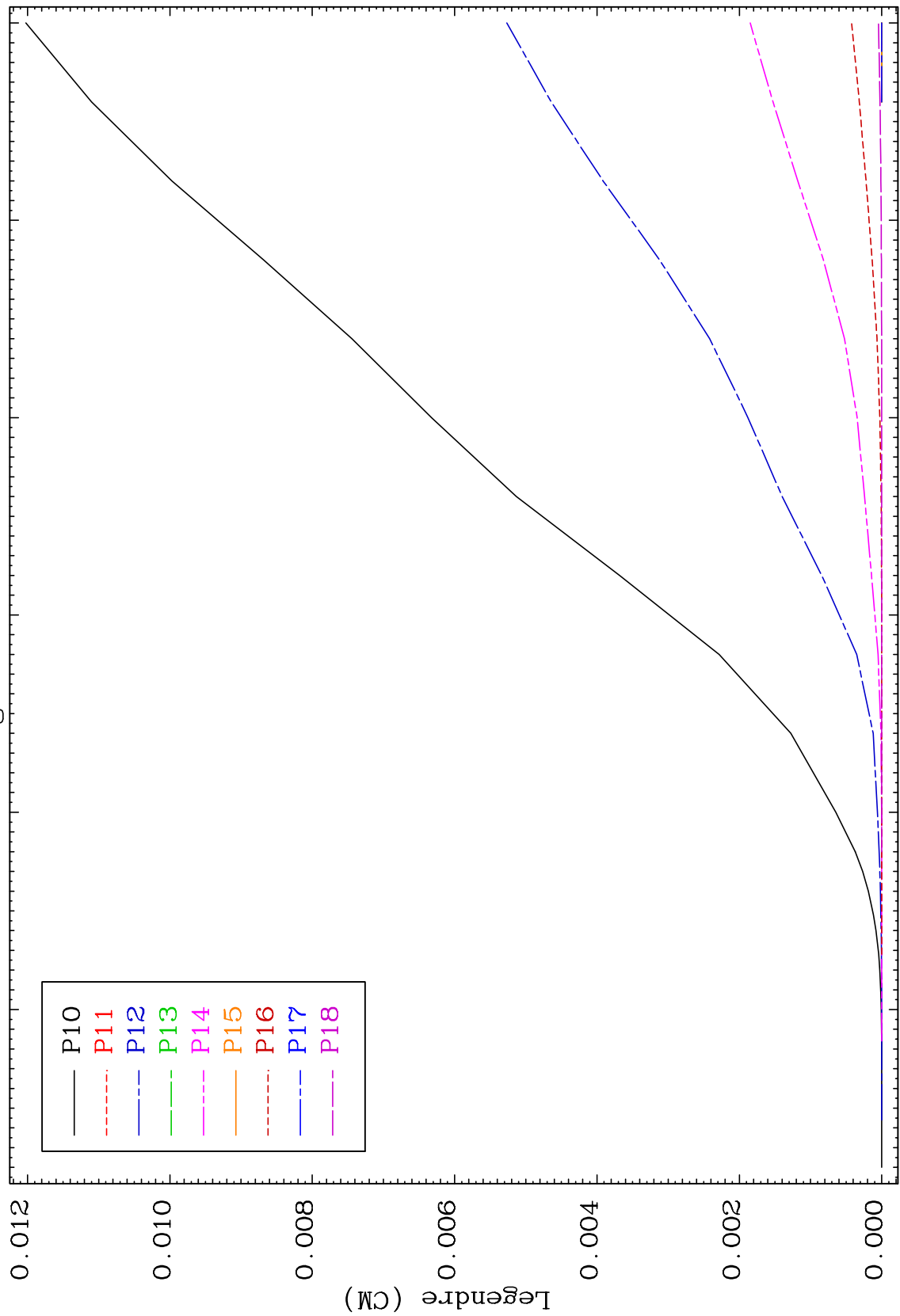
Incident Energy (MeV)

47-Ag-101

MAT 4708

Elastic Legendre Coefficients

47-Ag-101



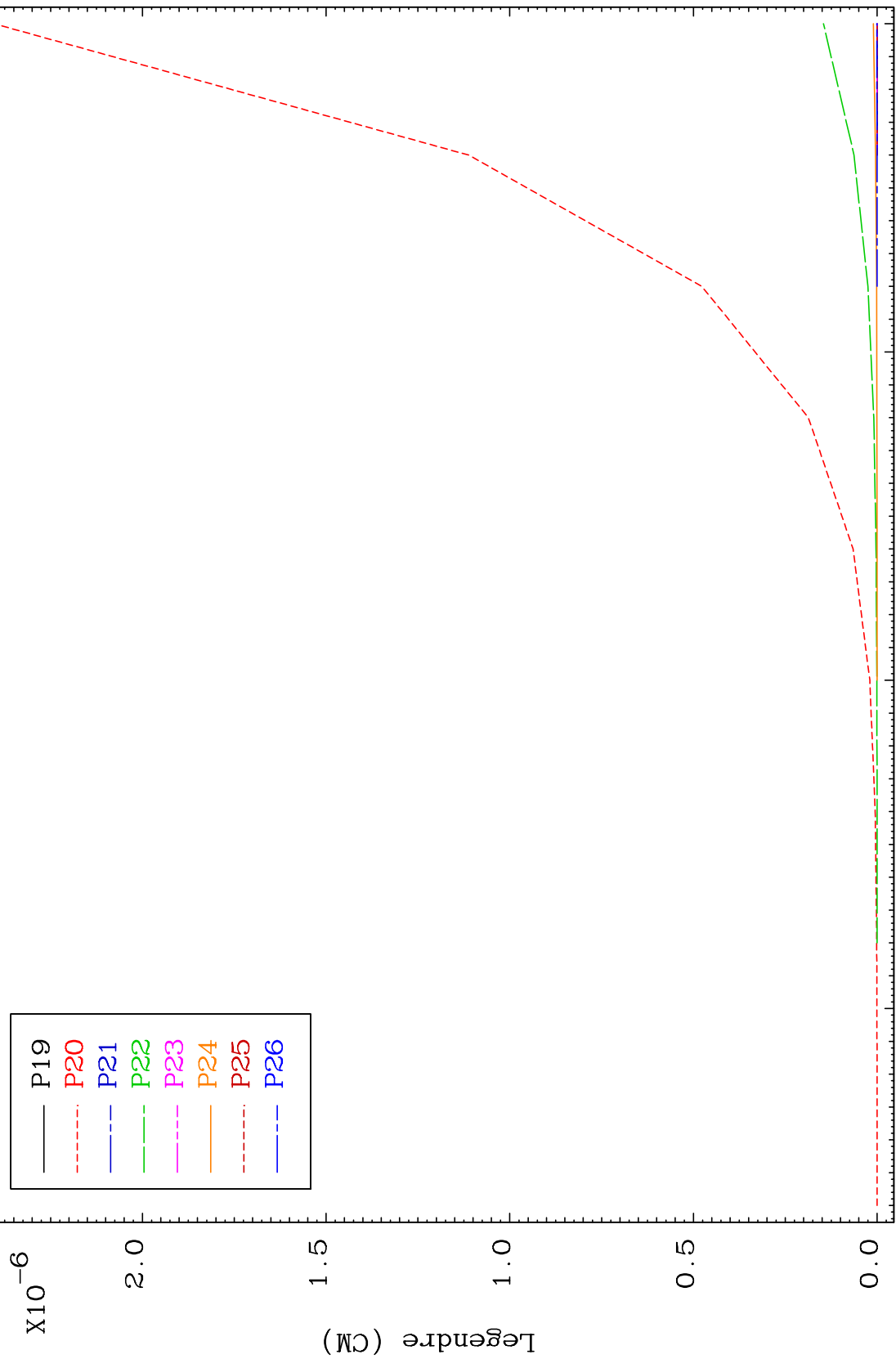
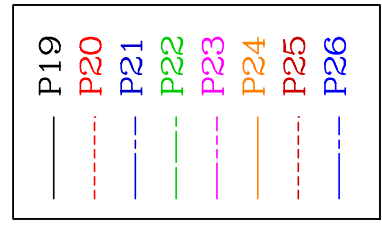
17

47-Ag-101

MAT 4708

Elastic Legendre Coefficients

47-Ag-101



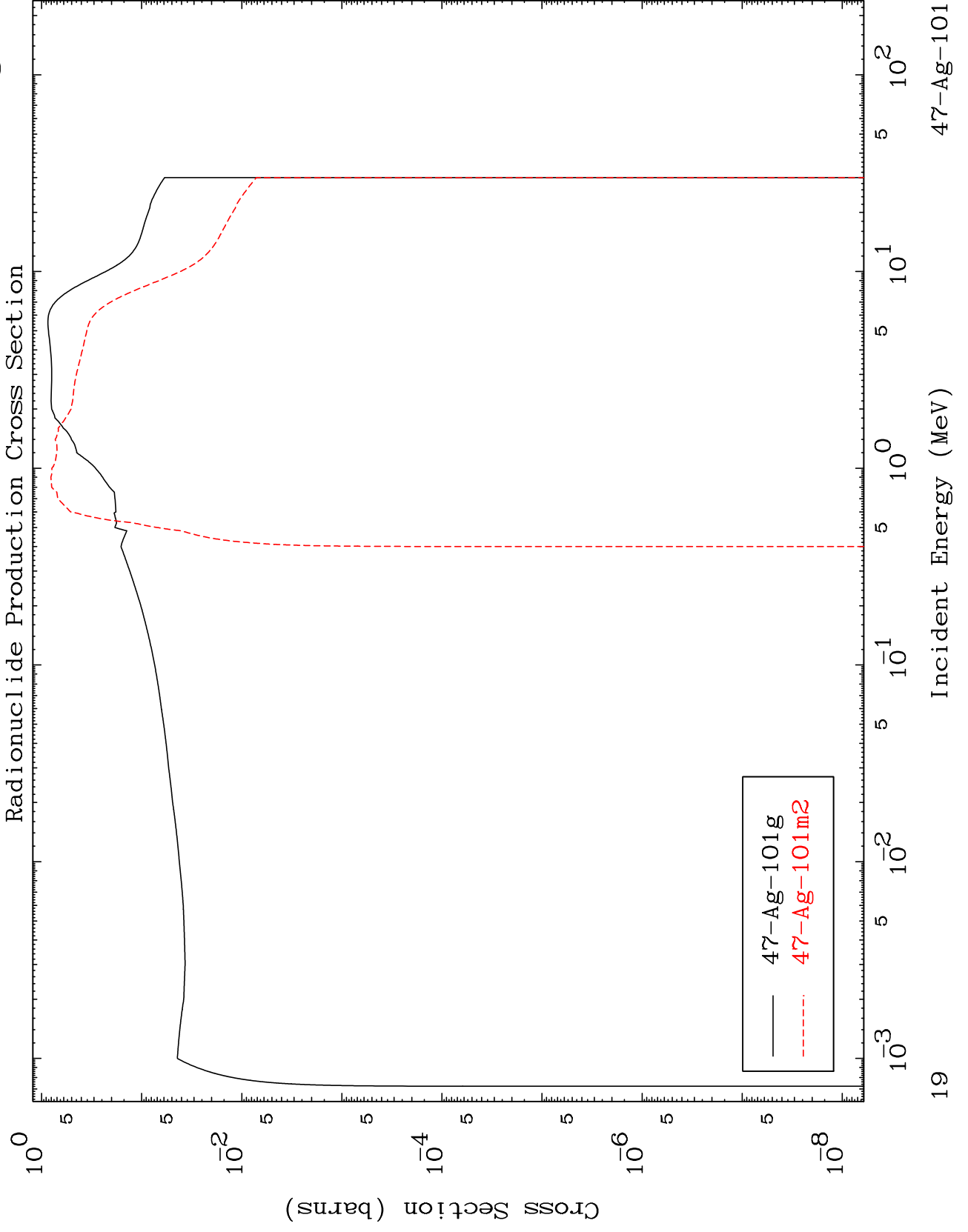
18

Incident Energy (MeV)

47-Ag-101

MAT 4708

47-Ag-101

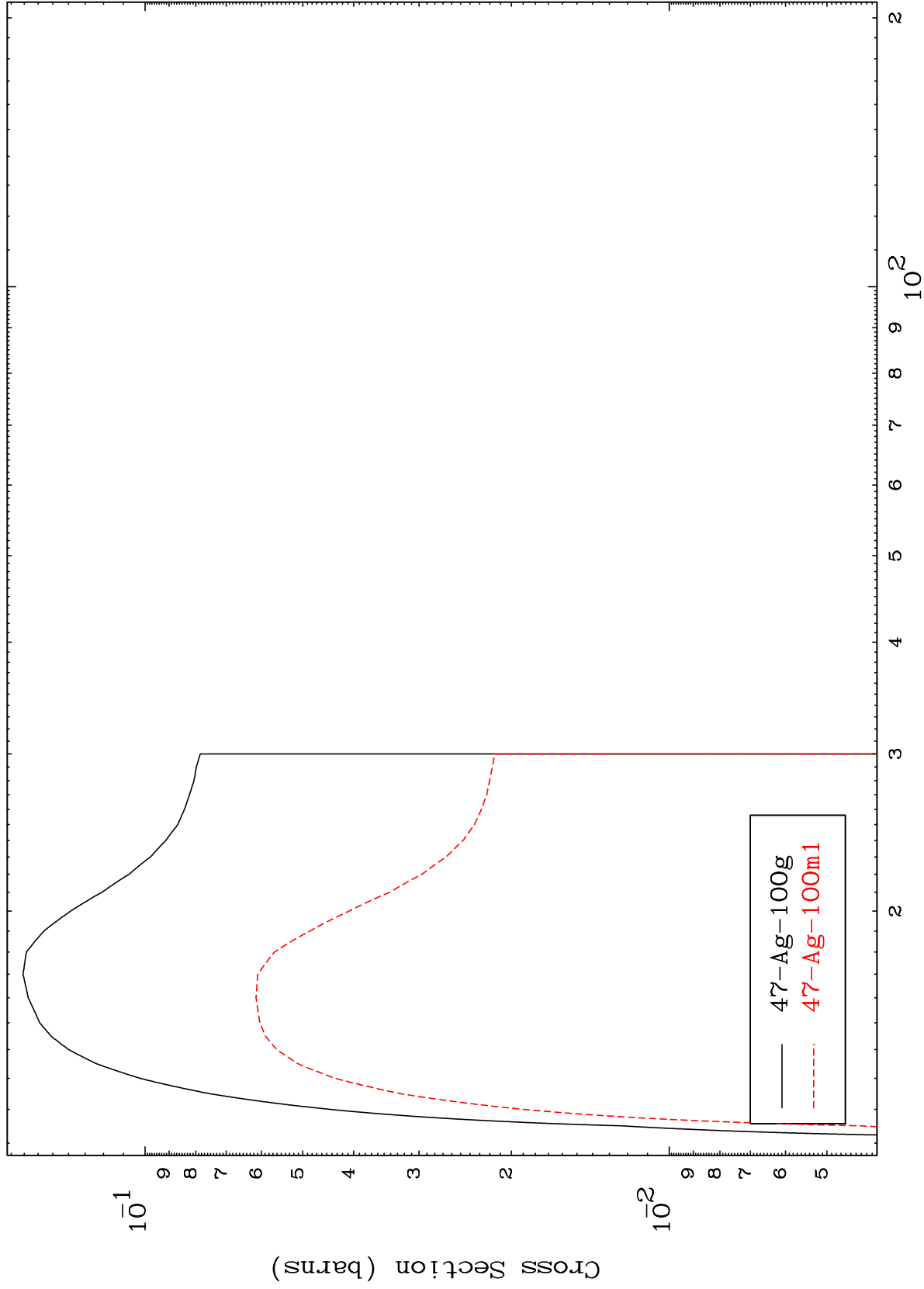


MAT 4708

47-Ag-101

Radionuclide Production Cross Section

(n,2n)



20

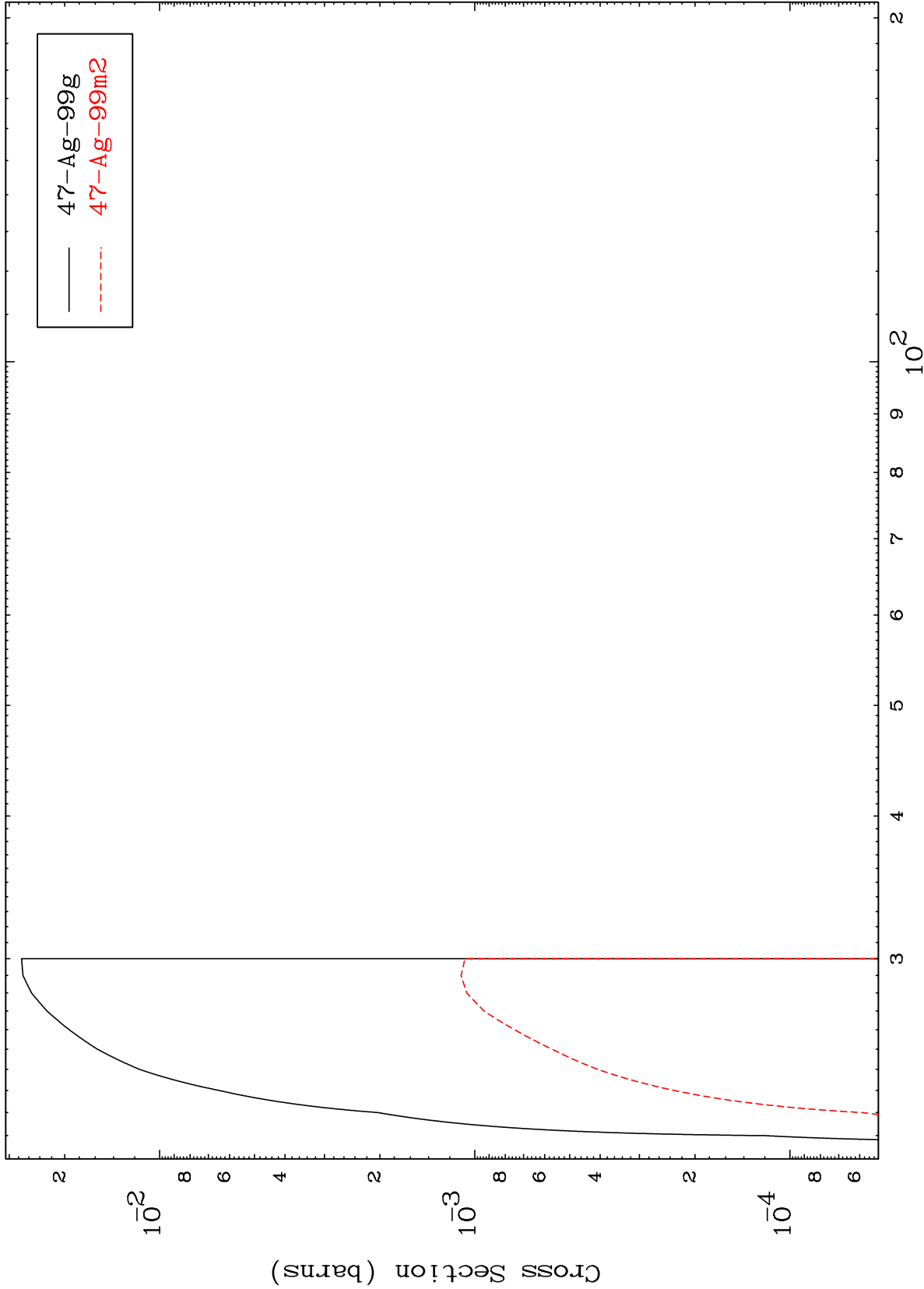
Incident Energy (MeV)

47-Ag-101

MAT 4708

47-Ag-101

(n,3n)  
Radionuclide Production Cross Section

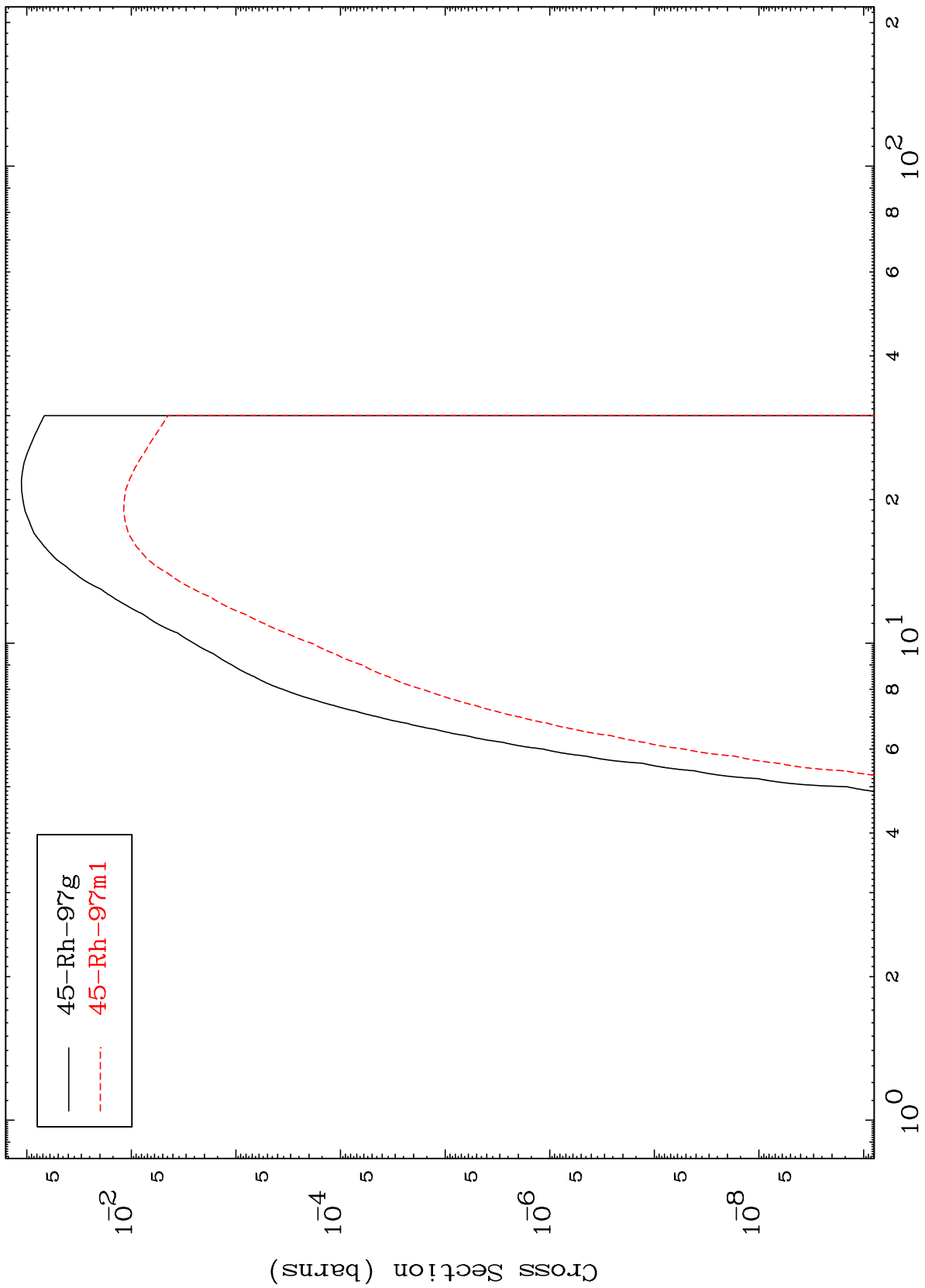


MAT 4708

(n,n')  $\alpha$

47-Ag-101

Radionuclide Production Cross Section

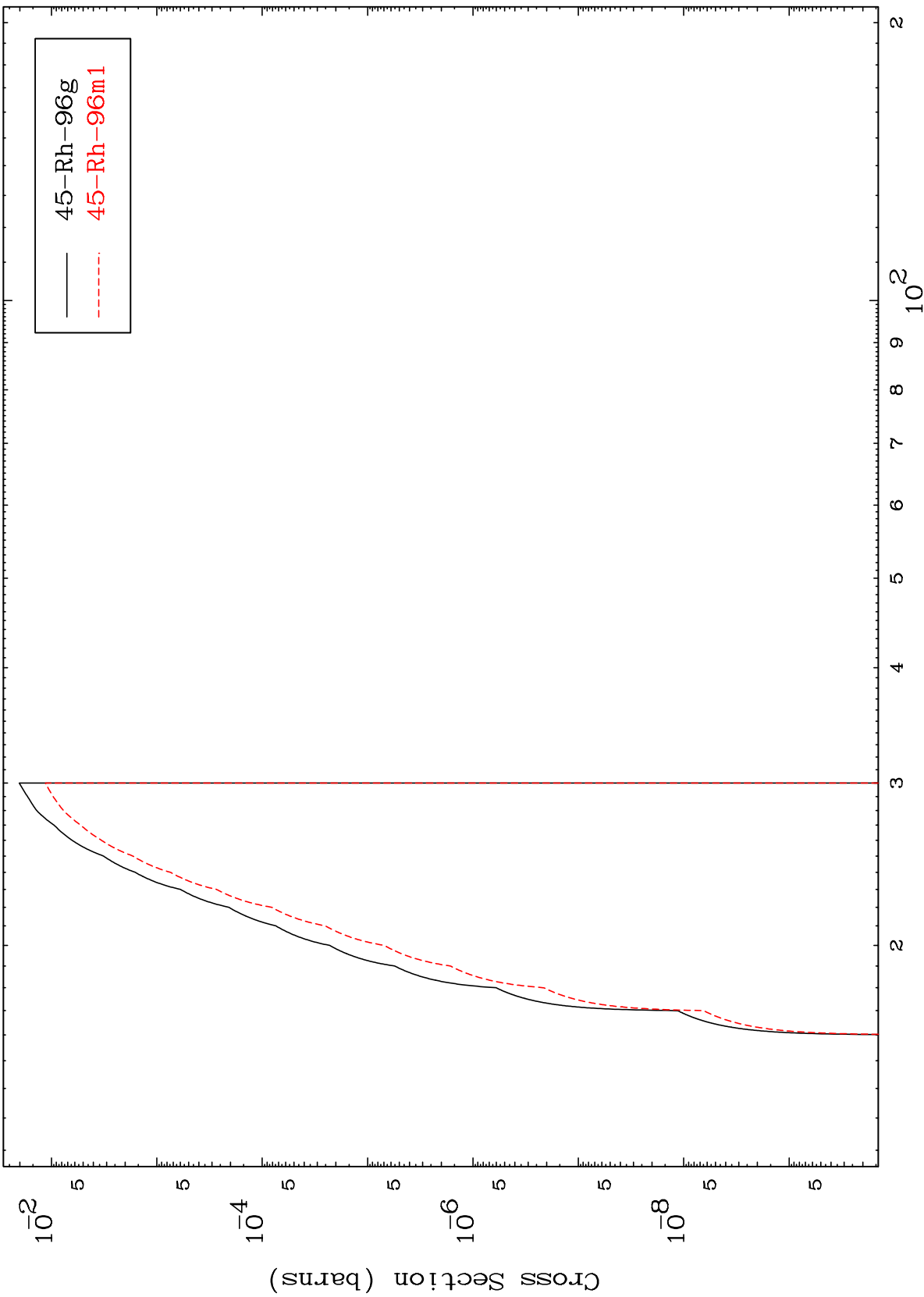


22

Incident Energy (MeV)

47-Ag-101

Radionuclide Production Cross Section



45-Rh-96g  
45-Rh-96m1

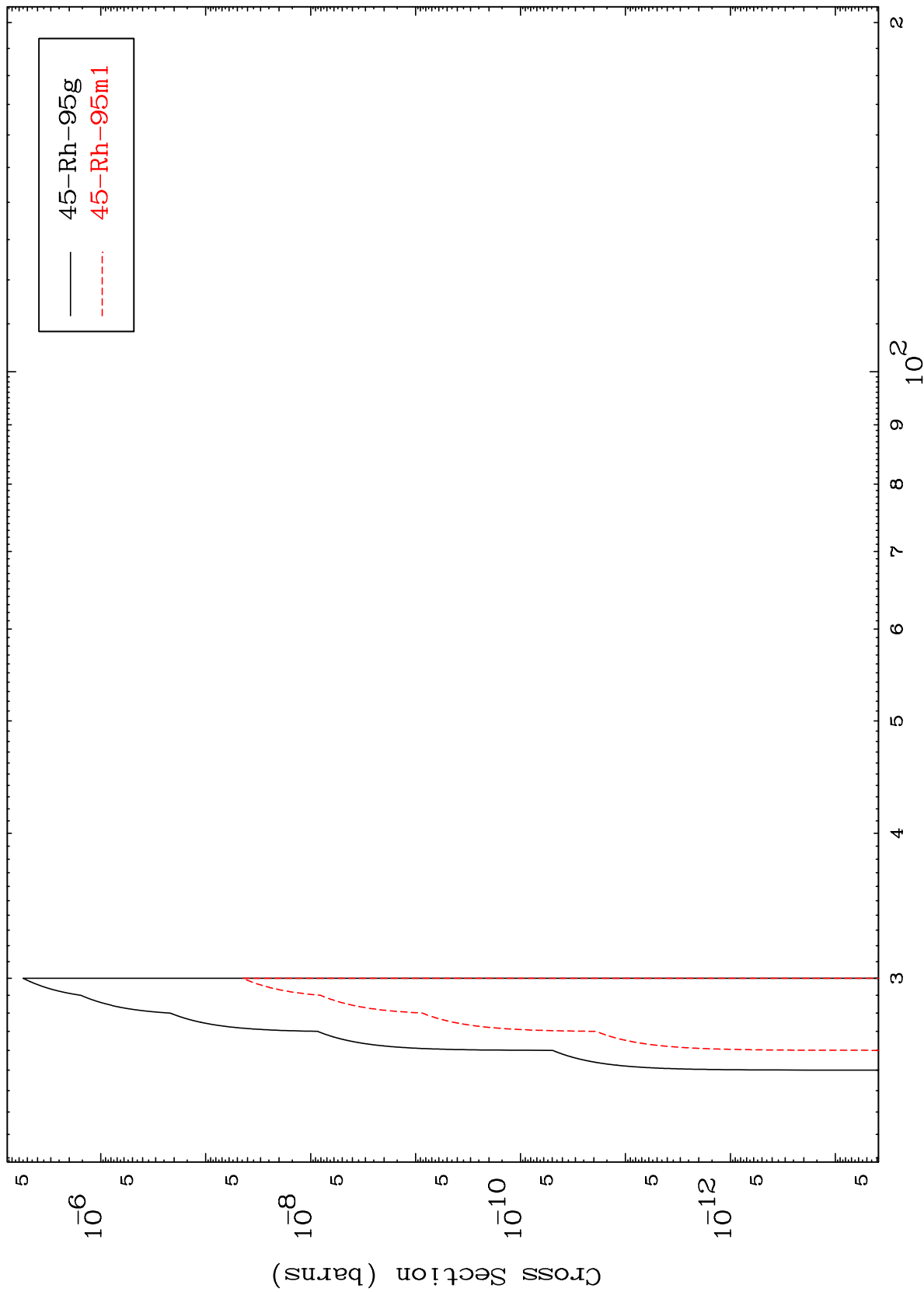


MAT 4708

(n,3n)  $\alpha$

47-Ag-101

Radionuclide Production Cross Section



24

Incident Energy (MeV)

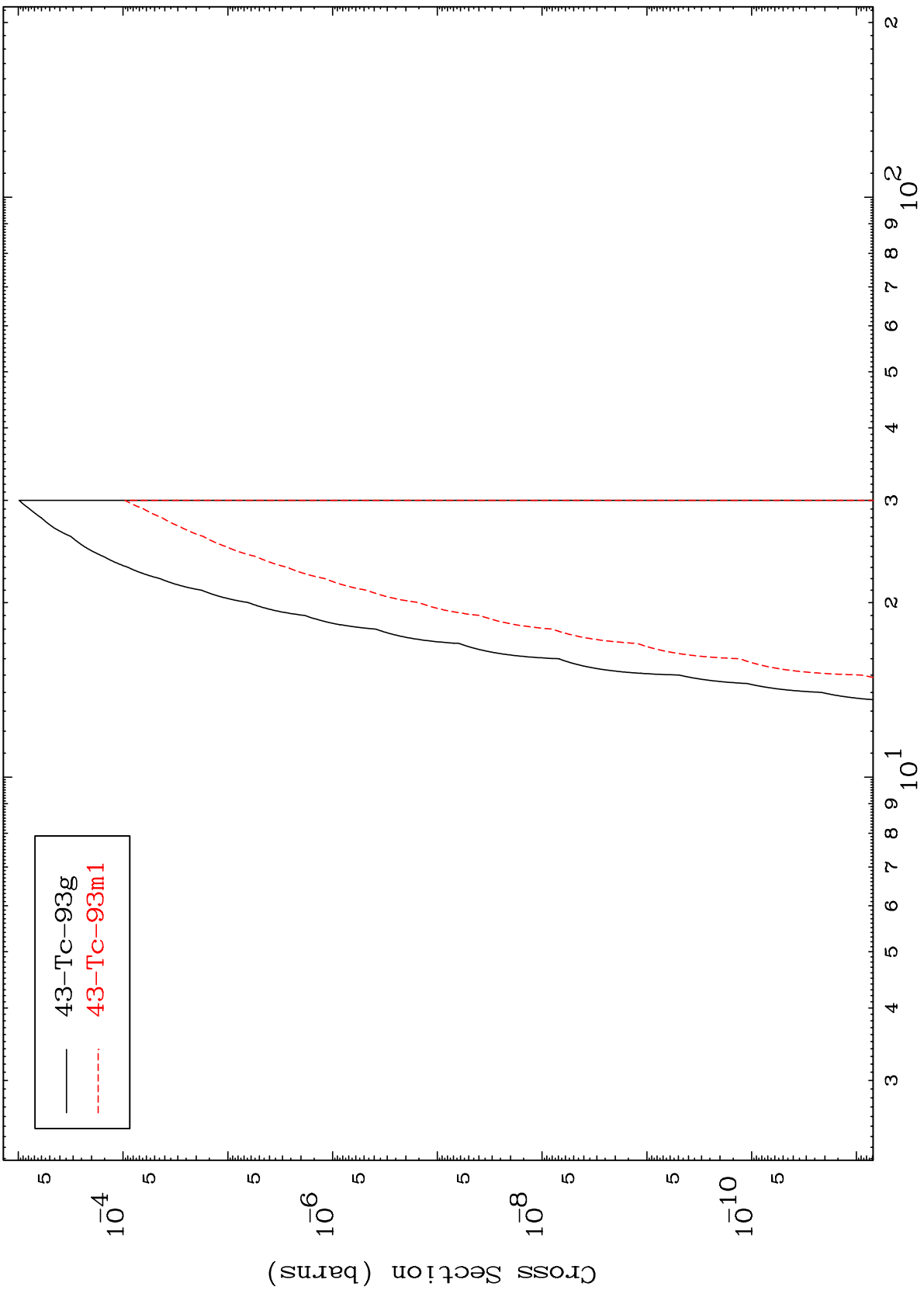
47-Ag-101

MAT 4708

47-Ag-101

(n,n') 2α

Radionuclide Production Cross Section



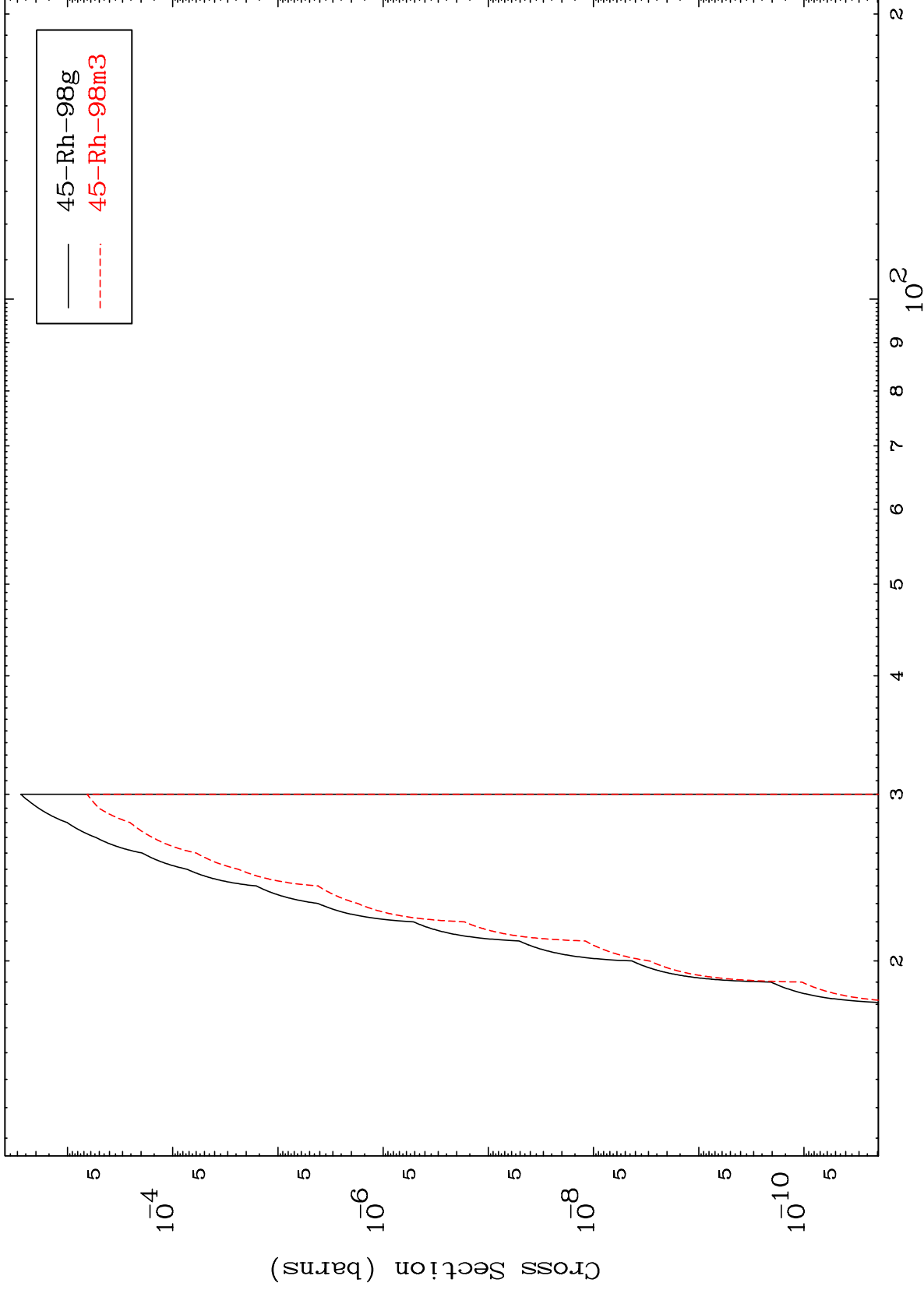
— 43-Tc-93g  
- - - 43-Tc-93m1

25

Incident Energy (MeV)

47-Ag-101

Radionuclide Production Cross Section

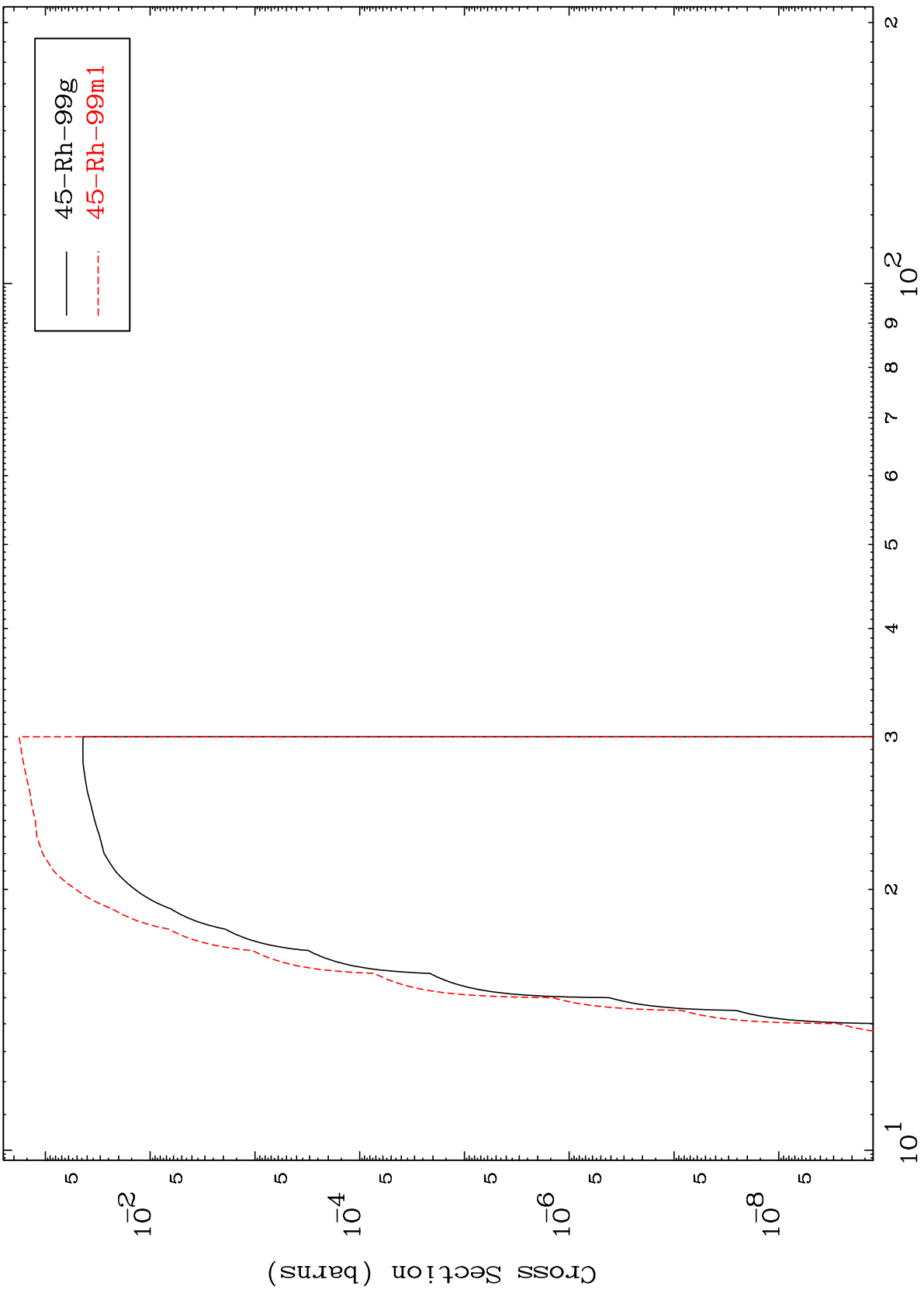


MAT 4708

(n,2n) p

47-Ag-101

Radionuclide Production Cross Section



45-Rh-99g  
45-Rh-99m1

27

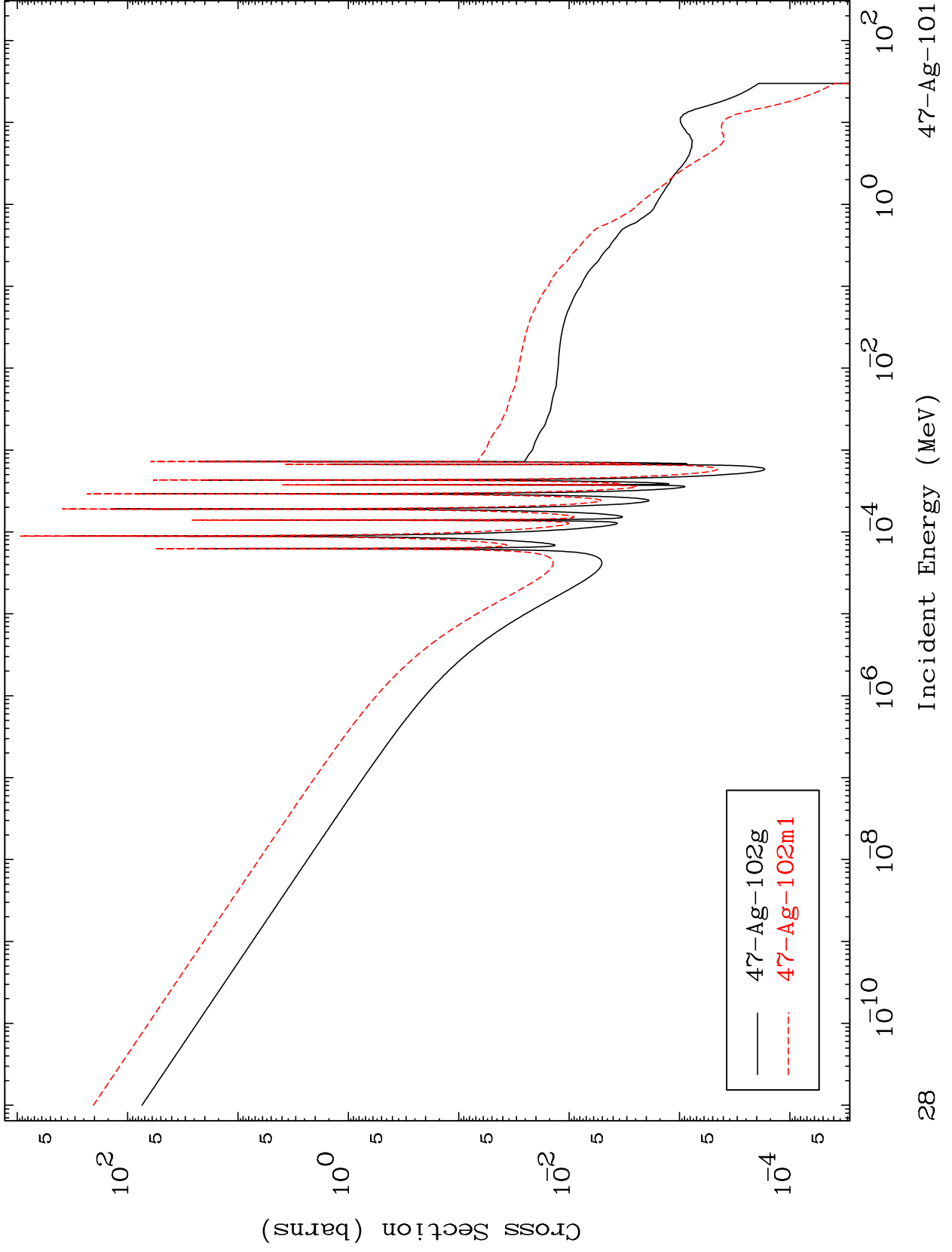
Incident Energy (MeV)

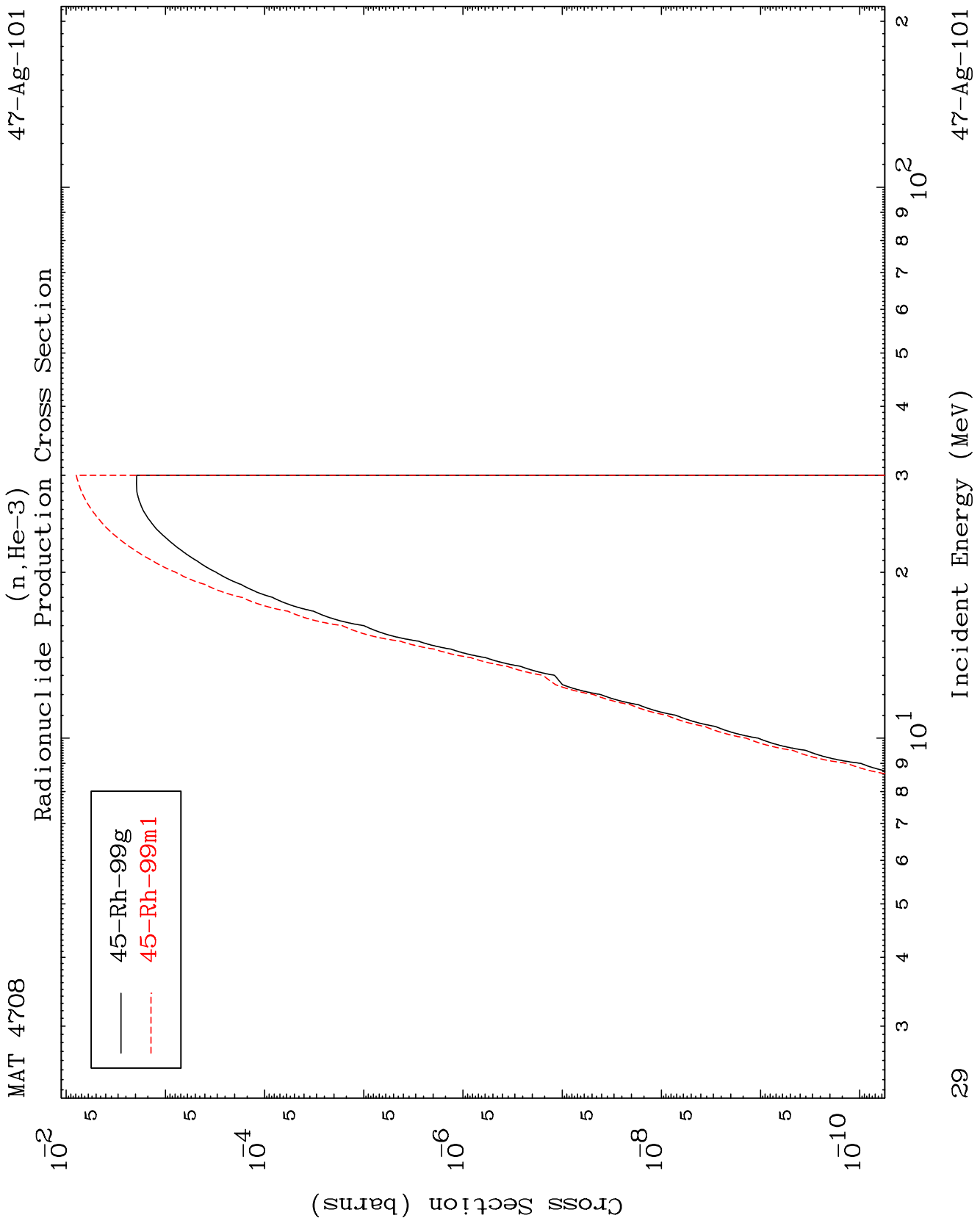
47-Ag-101

MAT 4708

47-Ag-101

(n,γ)  
Radionuclide Production Cross Section

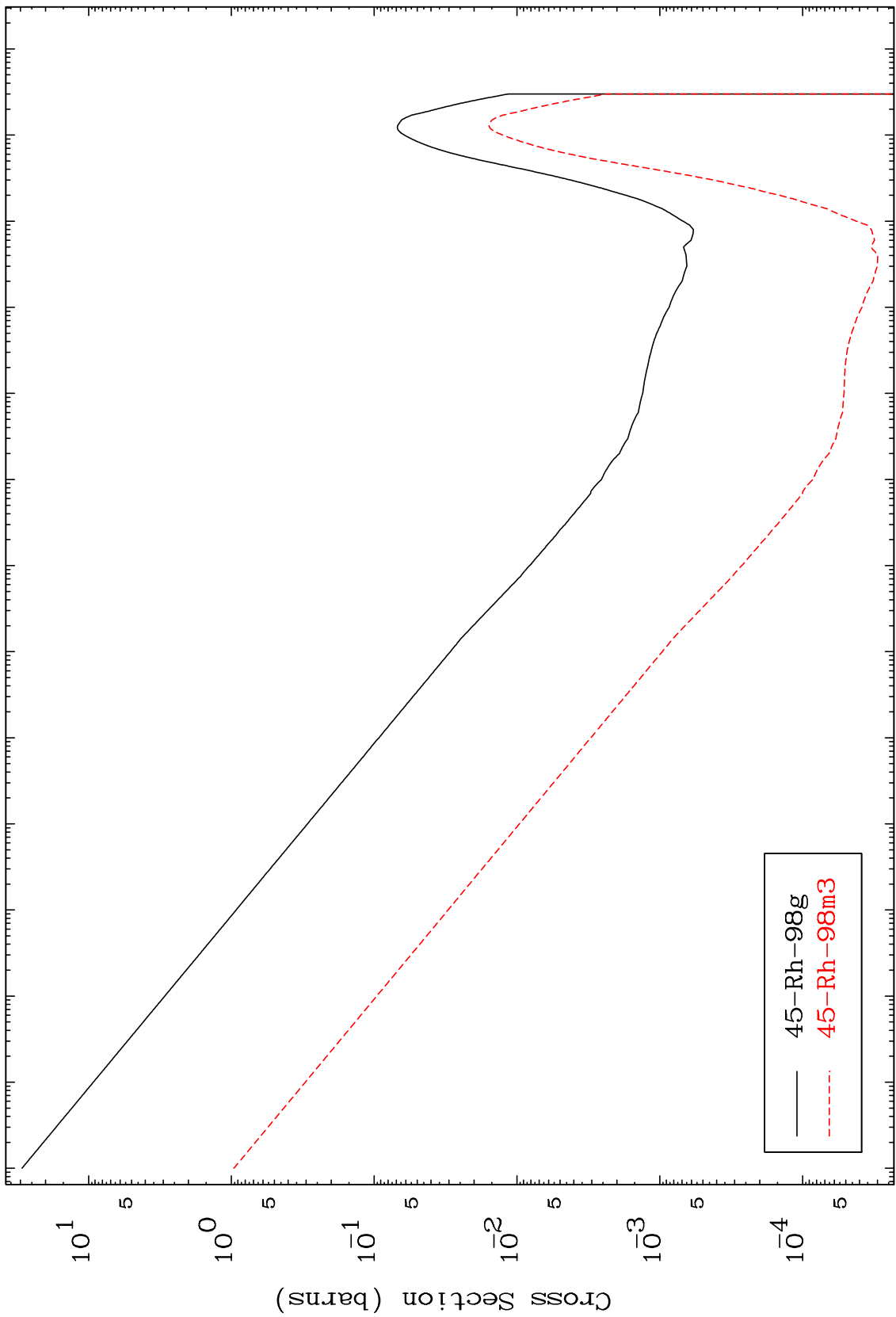




MAT 4708

47-Ag-101

Radionuclide Production Cross Section



47-Ag-101

47-Ag-101

Incident Energy (MeV)

10<sup>-10</sup> 10<sup>-8</sup> 10<sup>-6</sup> 10<sup>-4</sup> 10<sup>-2</sup> 10<sup>0</sup> 10<sup>2</sup>

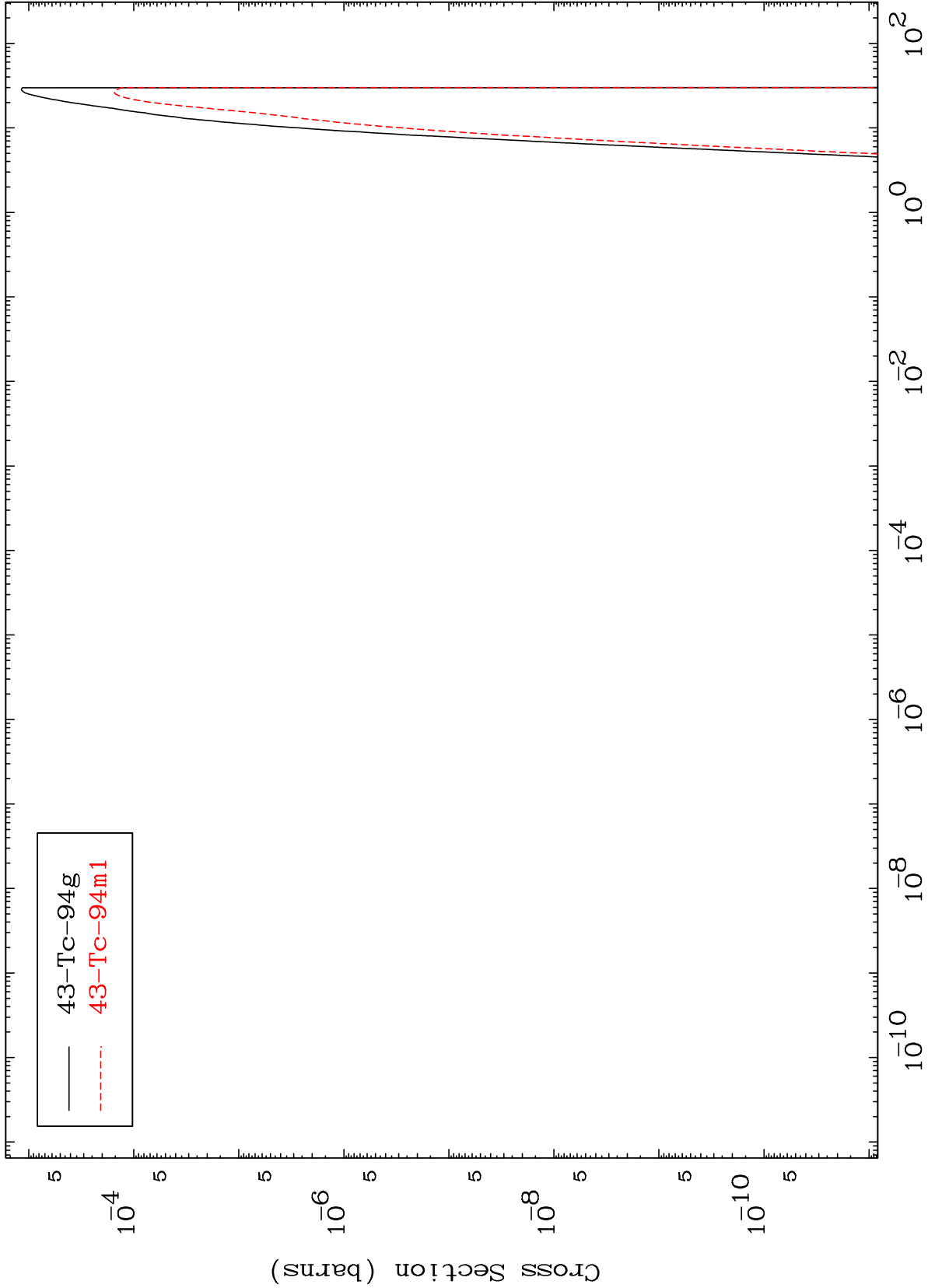
— 45-Rh-98g  
- - - 45-Rh-98m3

MAT 4708

(n,2α)

47-Ag-101

Radionuclide Production Cross Section



31

Incident Energy (MeV)

47-Ag-101

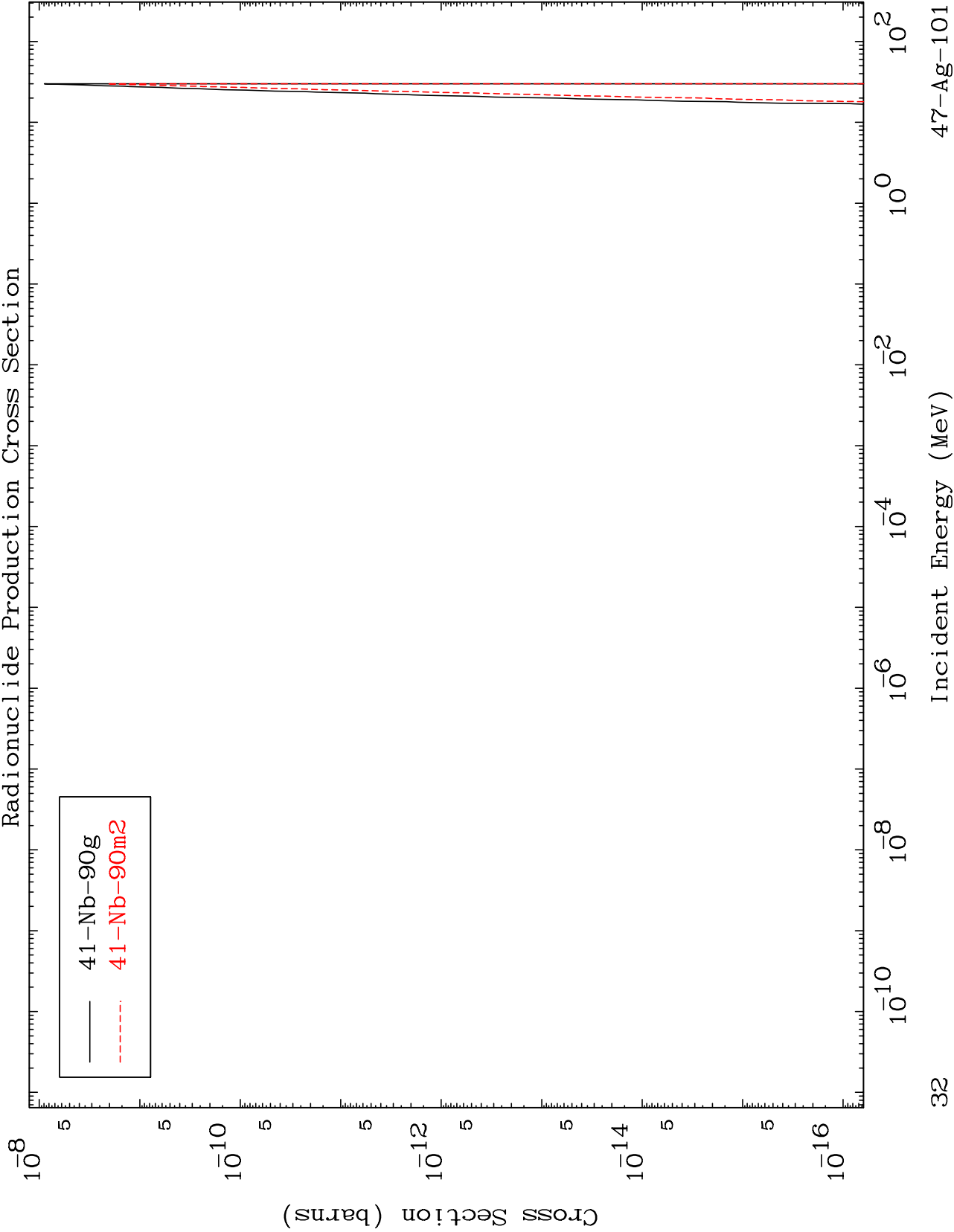


MAT 4708

(n, 3α)

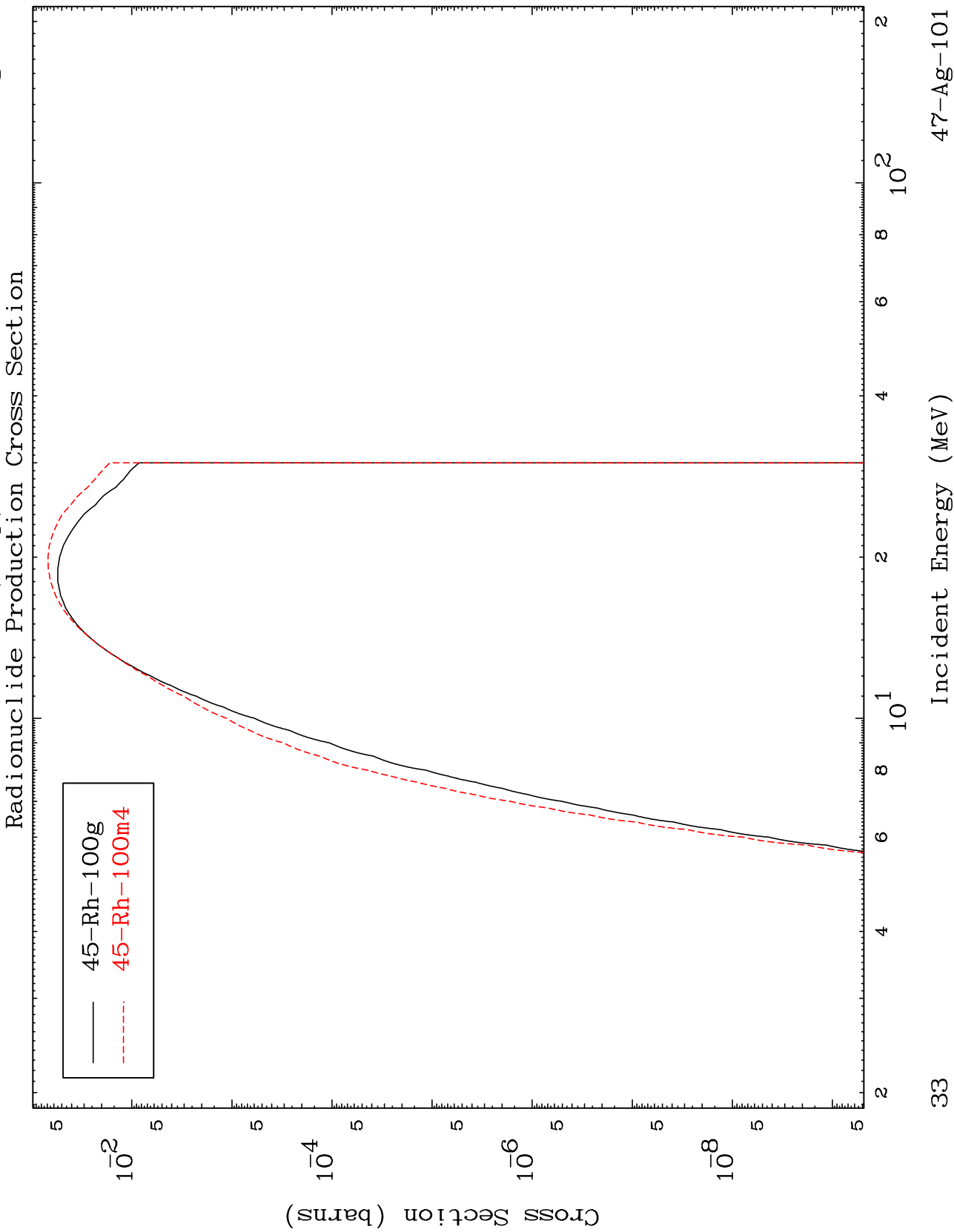
47-Ag-101

Radionuclide Production Cross Section



MAT 4708

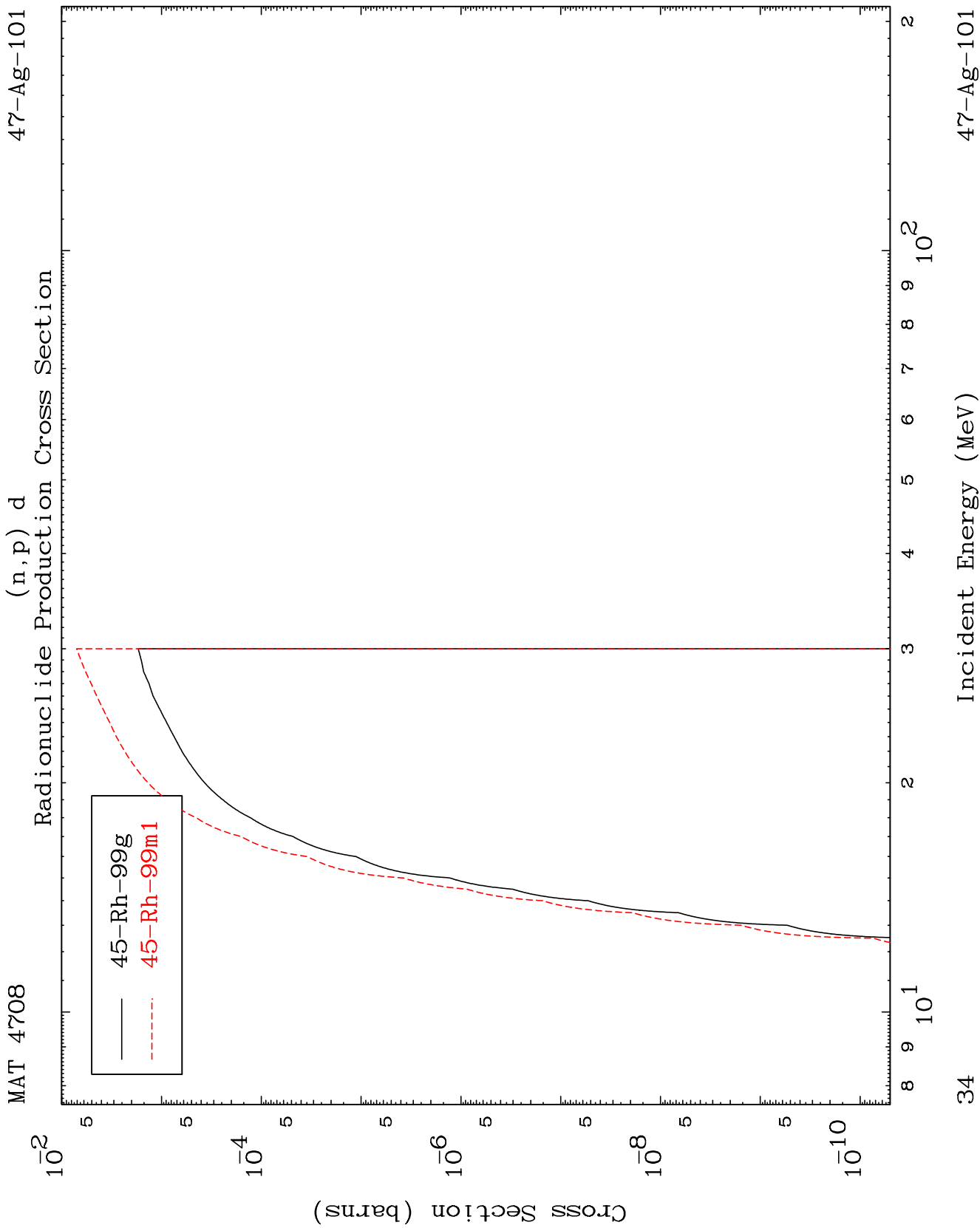
47-Ag-101



47-Ag-101

Incident Energy (MeV)

33



Radionuclide Production Cross Section

