

Program EVALPLOT  
(Version 2017-1)

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:redcullen1.net/HOMEPAGE.NEW

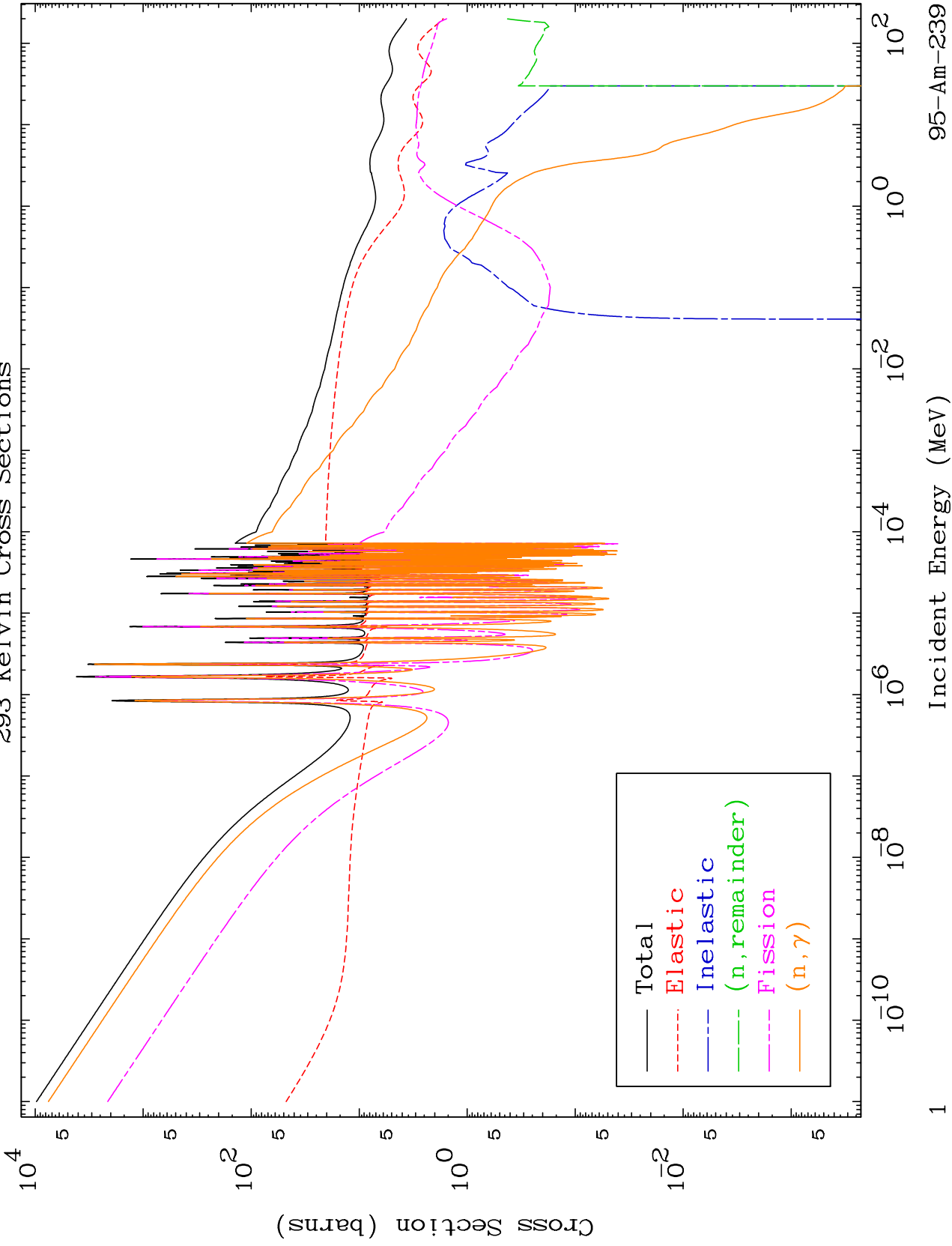
Press Mouse Button to Start

MAT 9537

Major

293 Kelvin Cross Sections

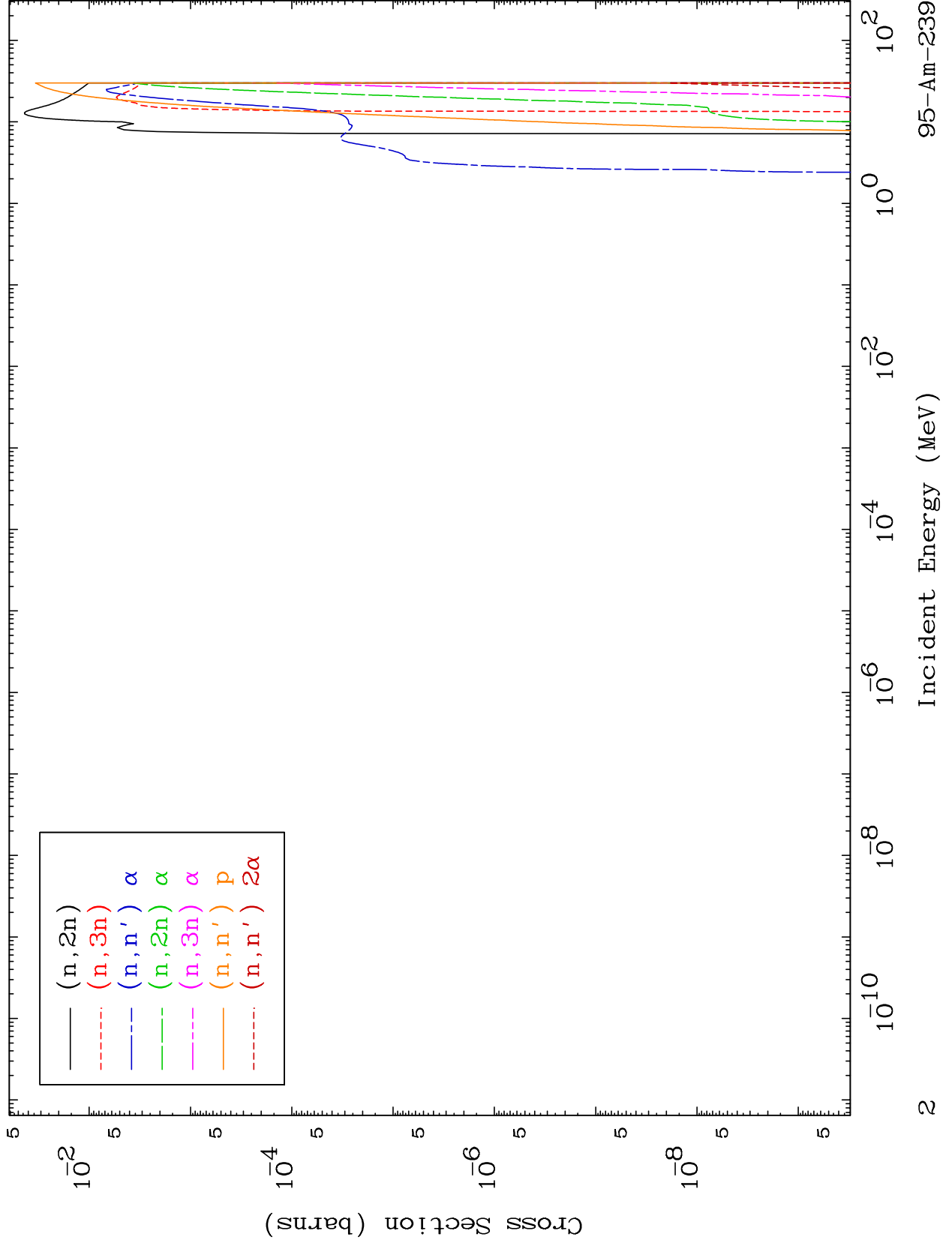
95-Am-239



MAT 9537

Neutron Production  
293 Kelvin Cross Sections

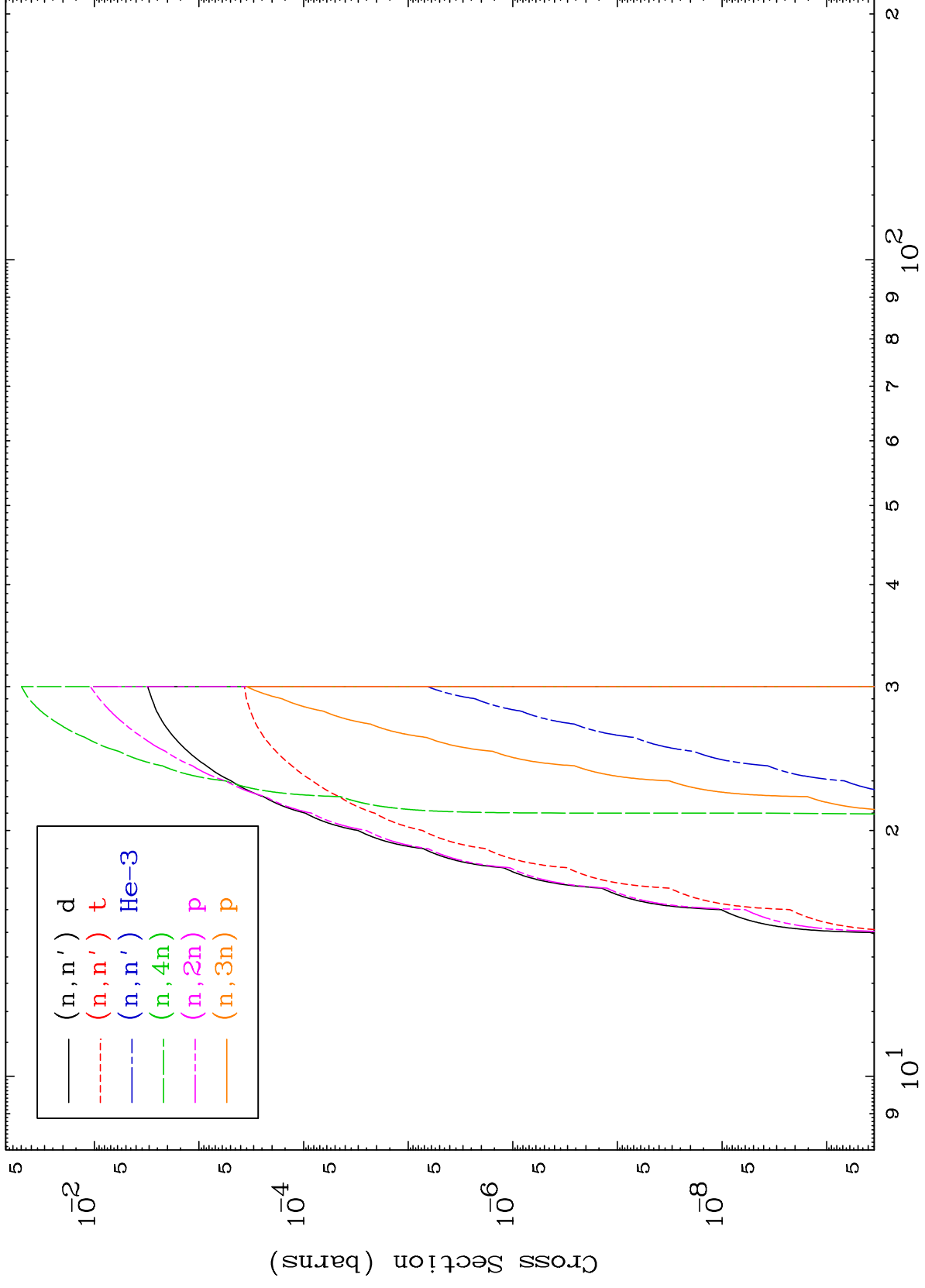
95-Am-239



MAT 9537

Neutron Production  
293 Kelvin Cross Sections

95-Am-239



3

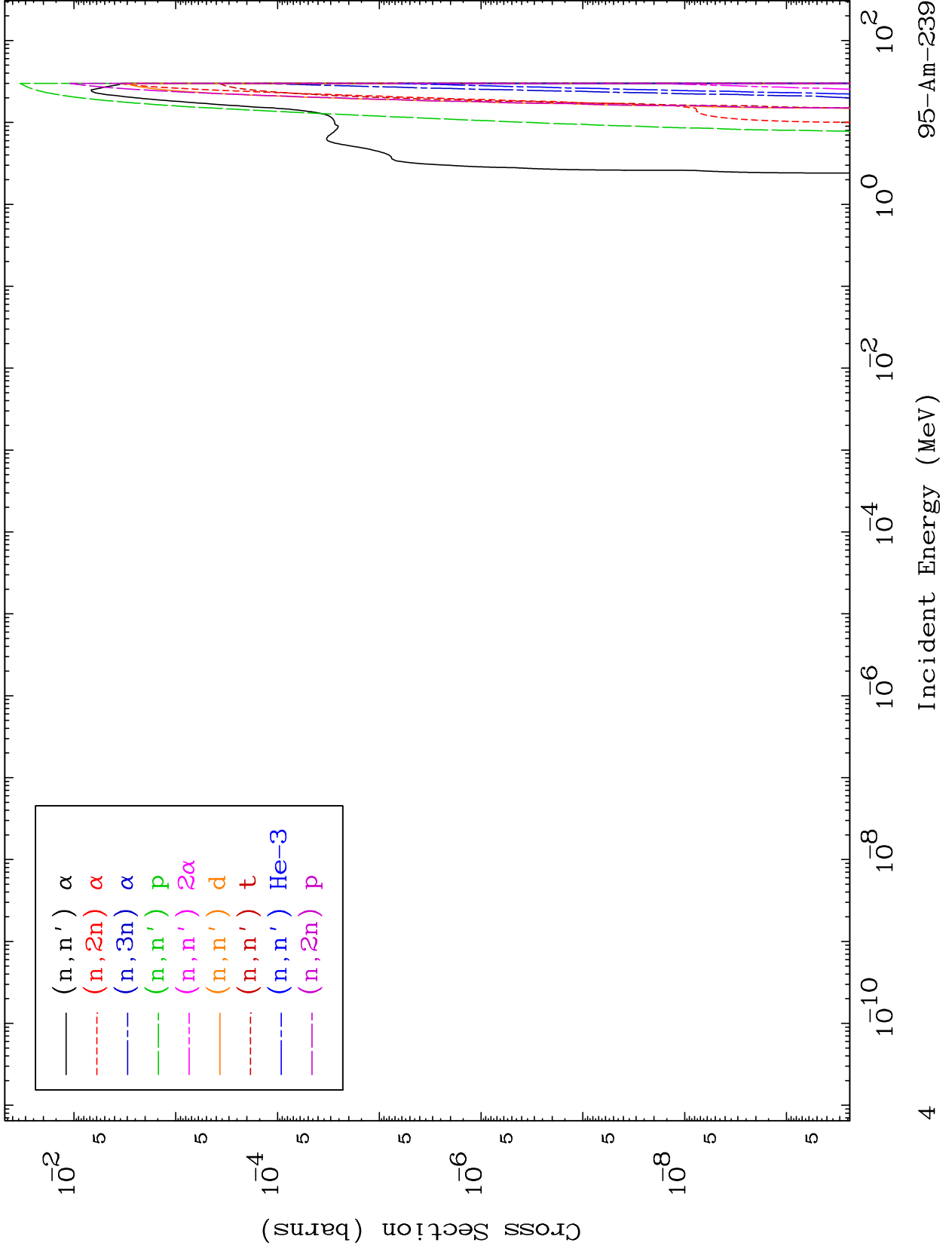
Incident Energy (MeV)

95-Am-239

MAT 9537

Charged Particle  
293 Kelvin Cross Sections

95-Am-239

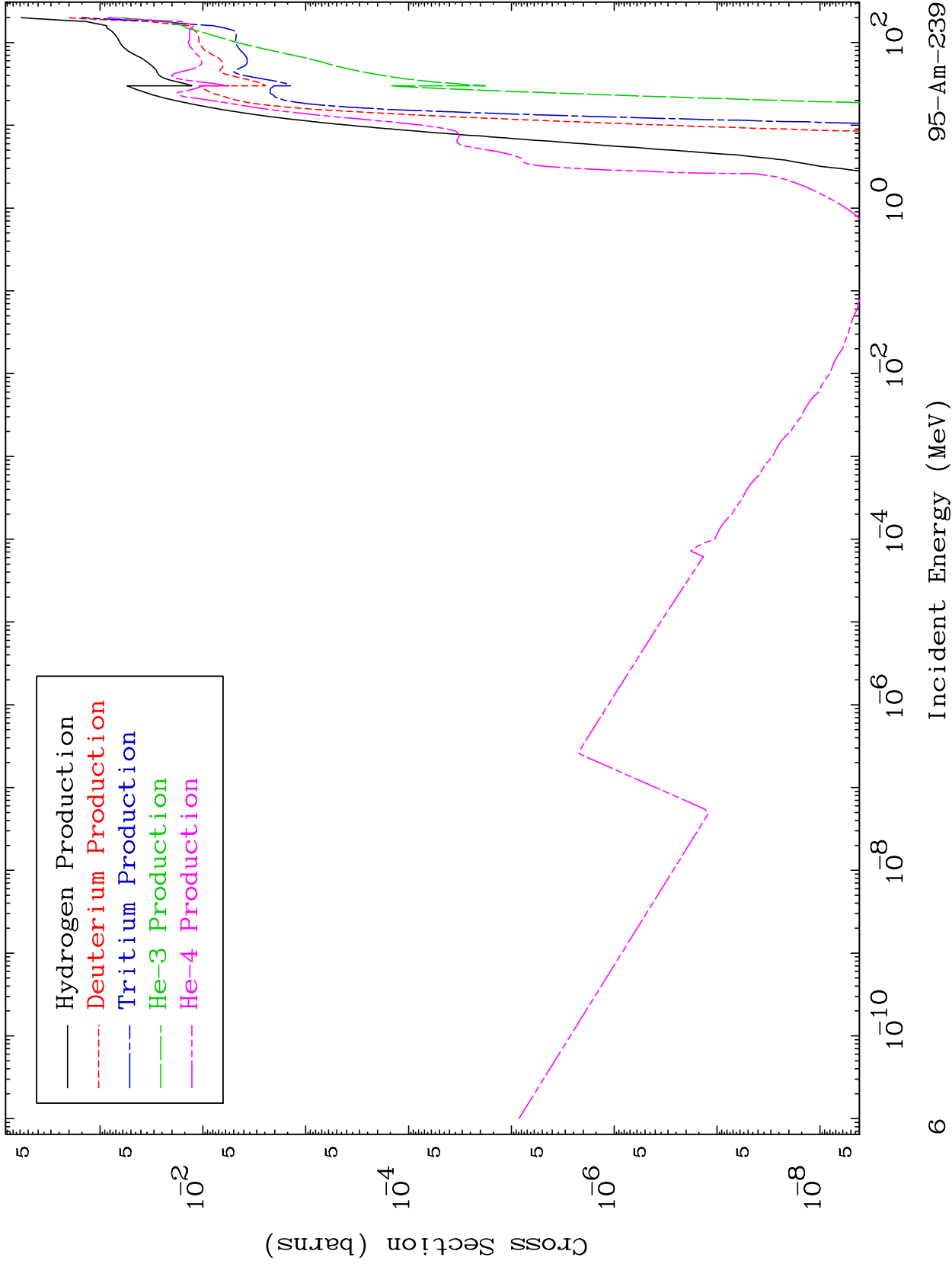




MAT 9537

Particle Production  
293 Kelvin Cross Sections

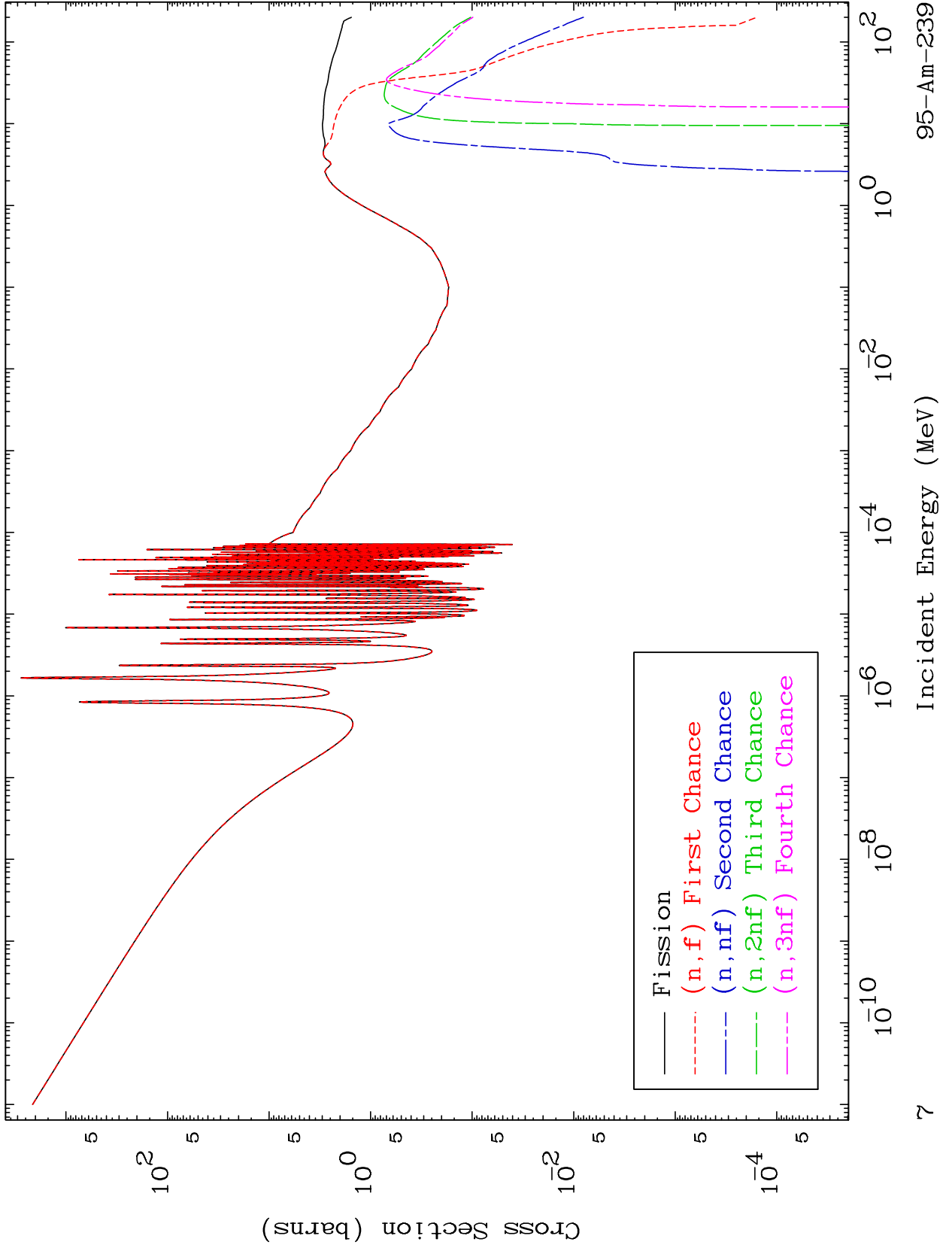
95-Am-239



MAT 9537

Fission  
293 Kelvin Cross Sections

95-Am-239



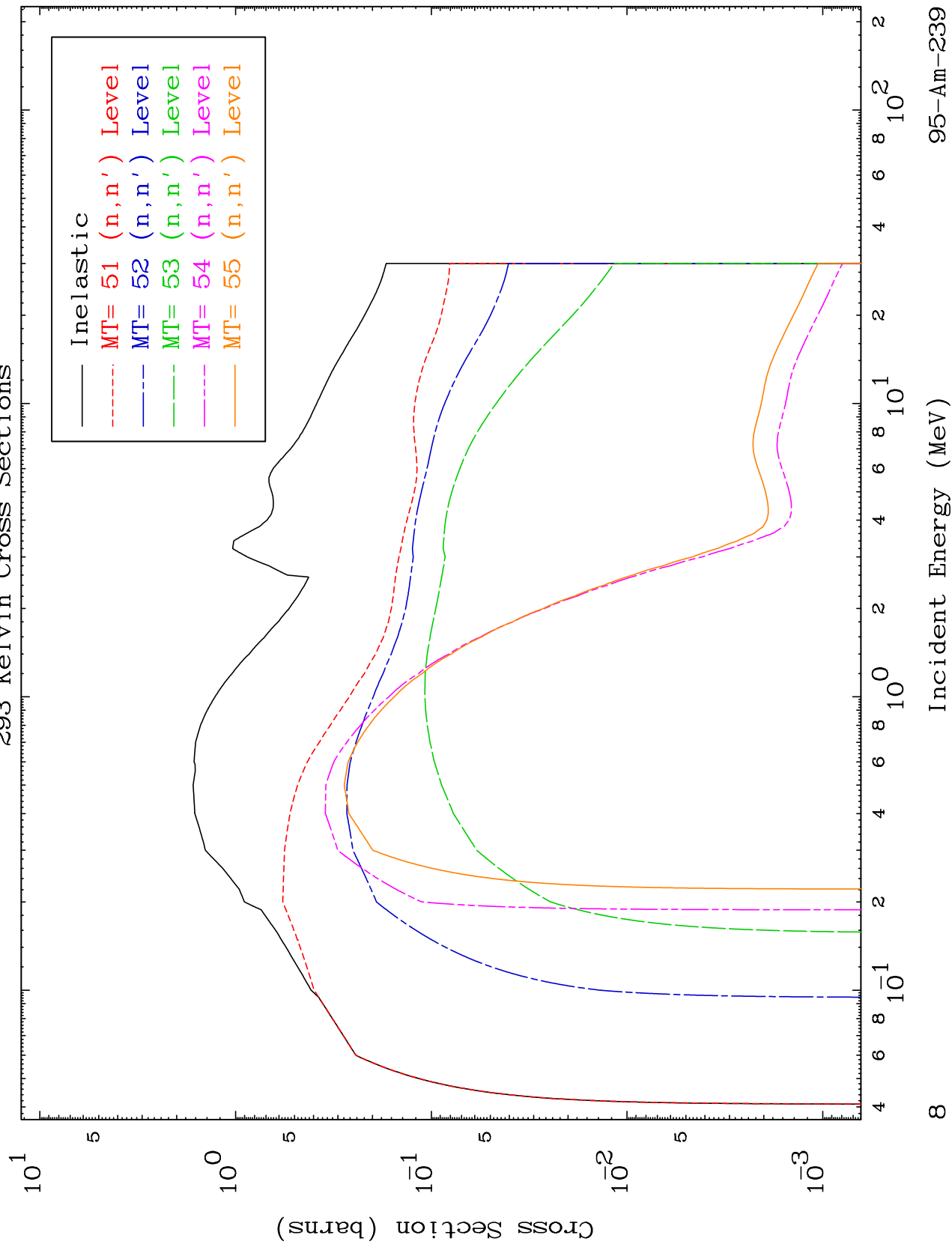


MAT 9537

(n,n') Level

95-Am-239

293 Kelvin Cross Sections

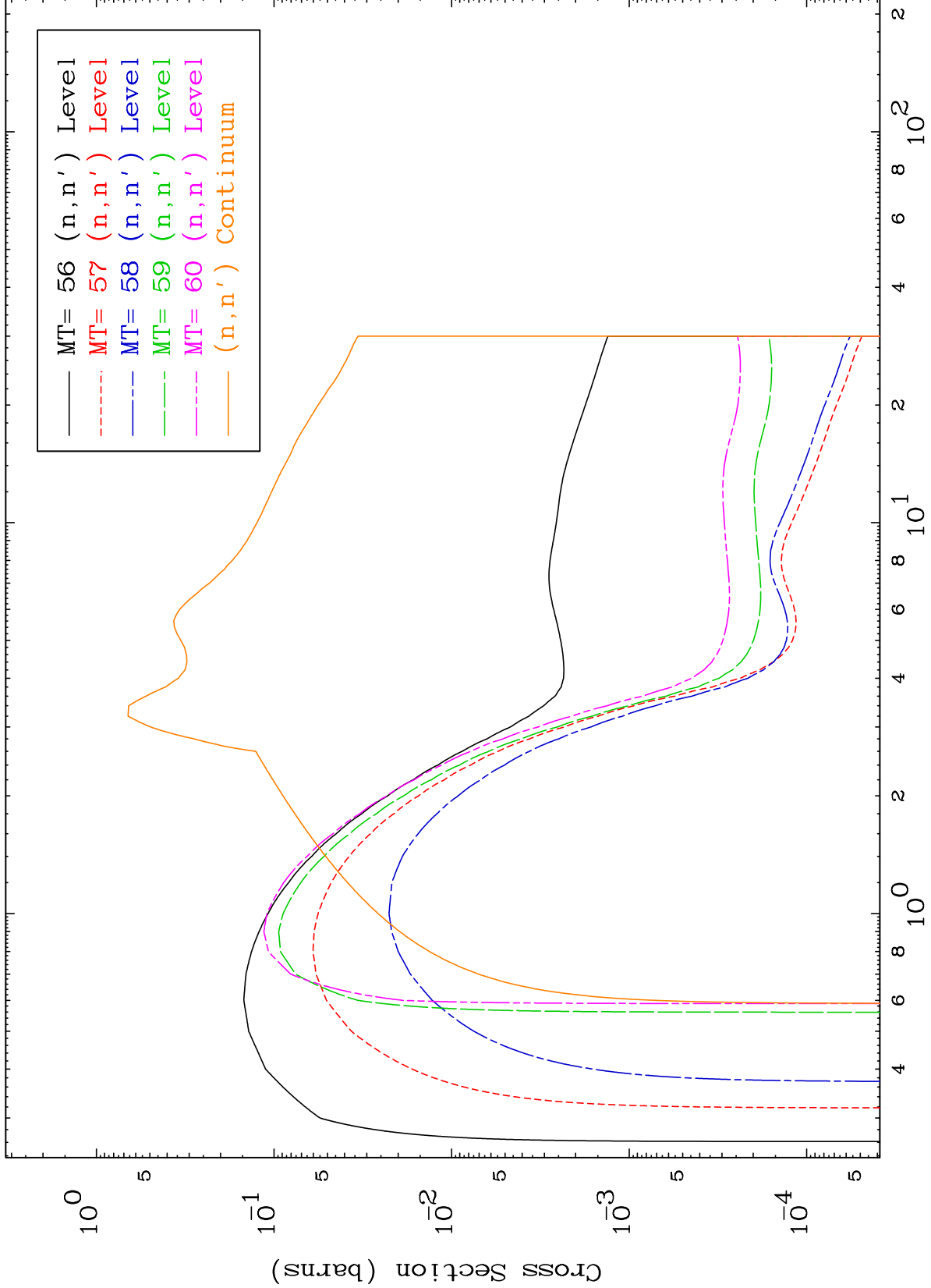


8

Incident Energy (MeV)

95-Am-239

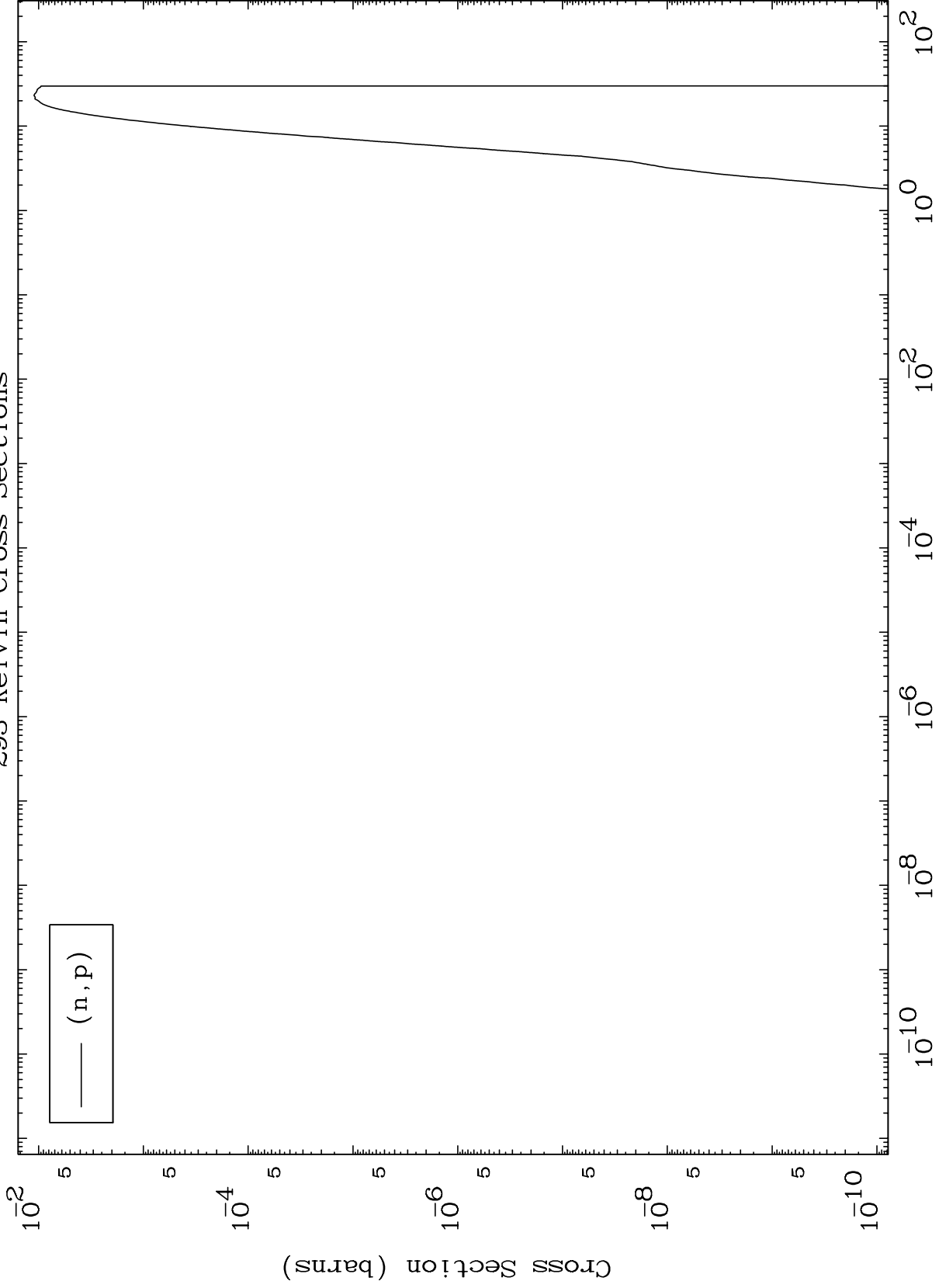
293 Kelvin Cross Sections



MAT 9537

(n,p) Levels  
293 Kelvin Cross Sections

95-Am-239



10

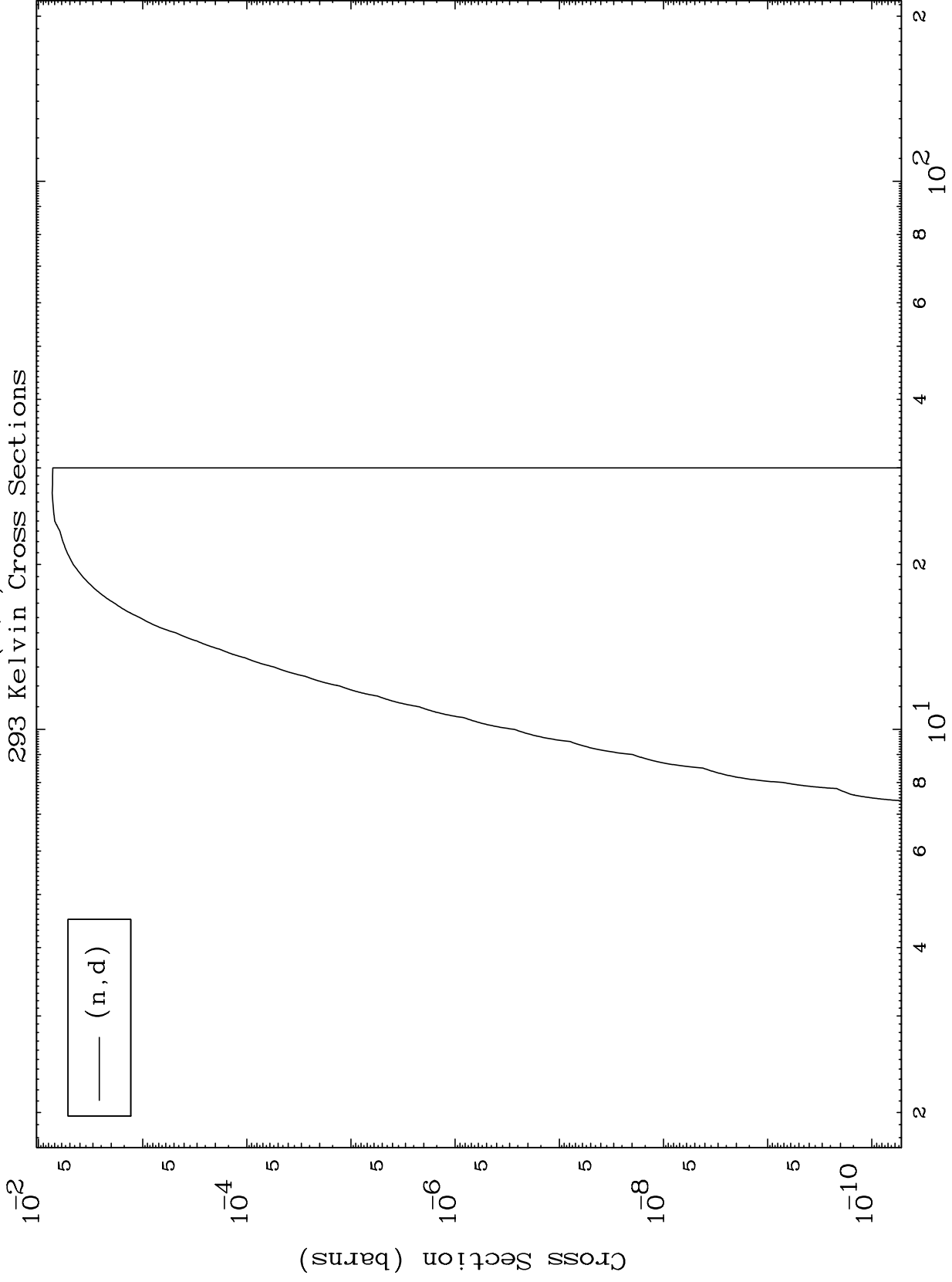
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,d) Levels  
293 Kelvin Cross Sections

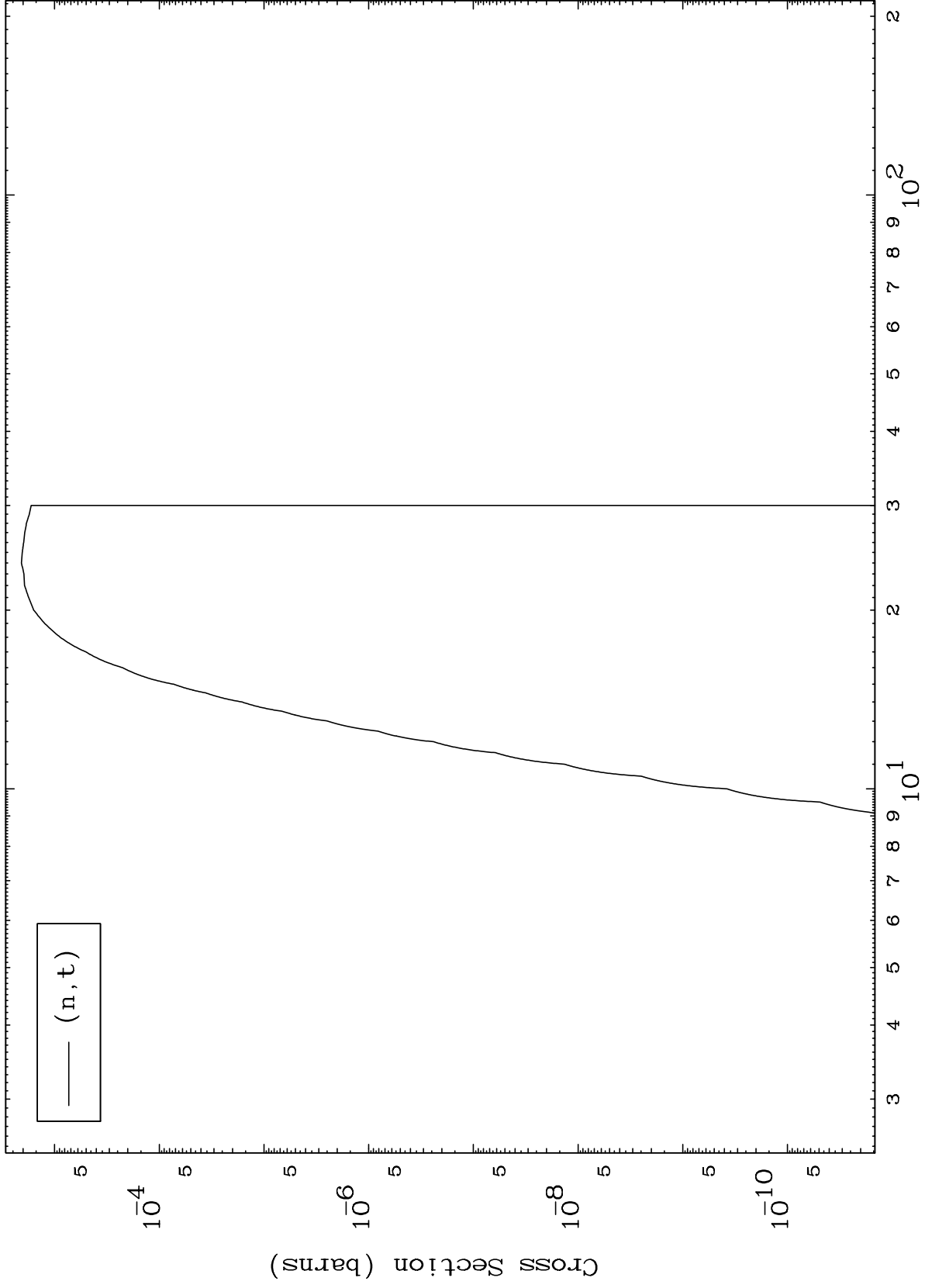
95-Am-239



MAT 9537

(n,t) Levels  
293 Kelvin Cross Sections

95-Am-239



12

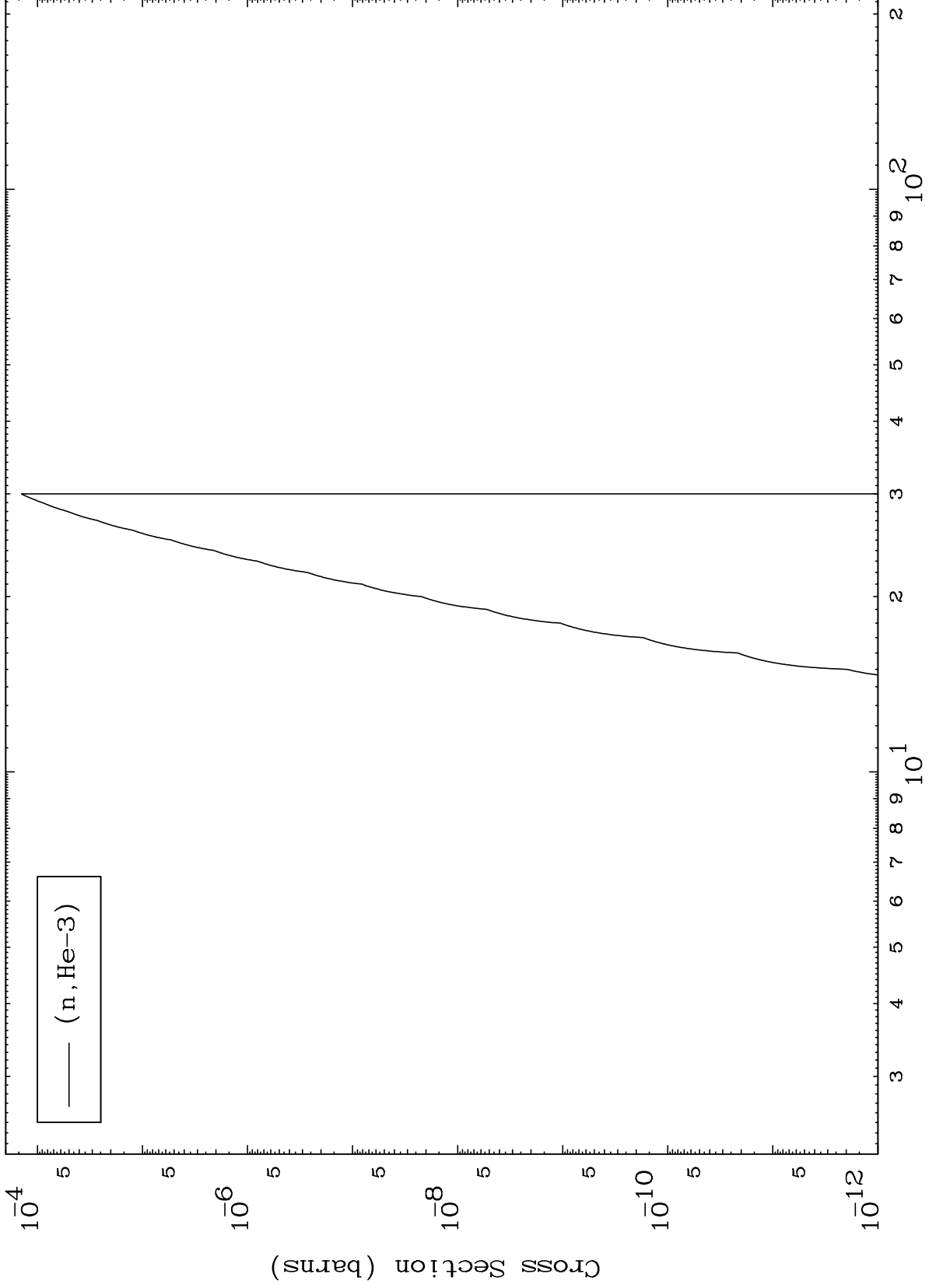
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,He3) Levels  
293 Kelvin Cross Sections

95-Am-239



13

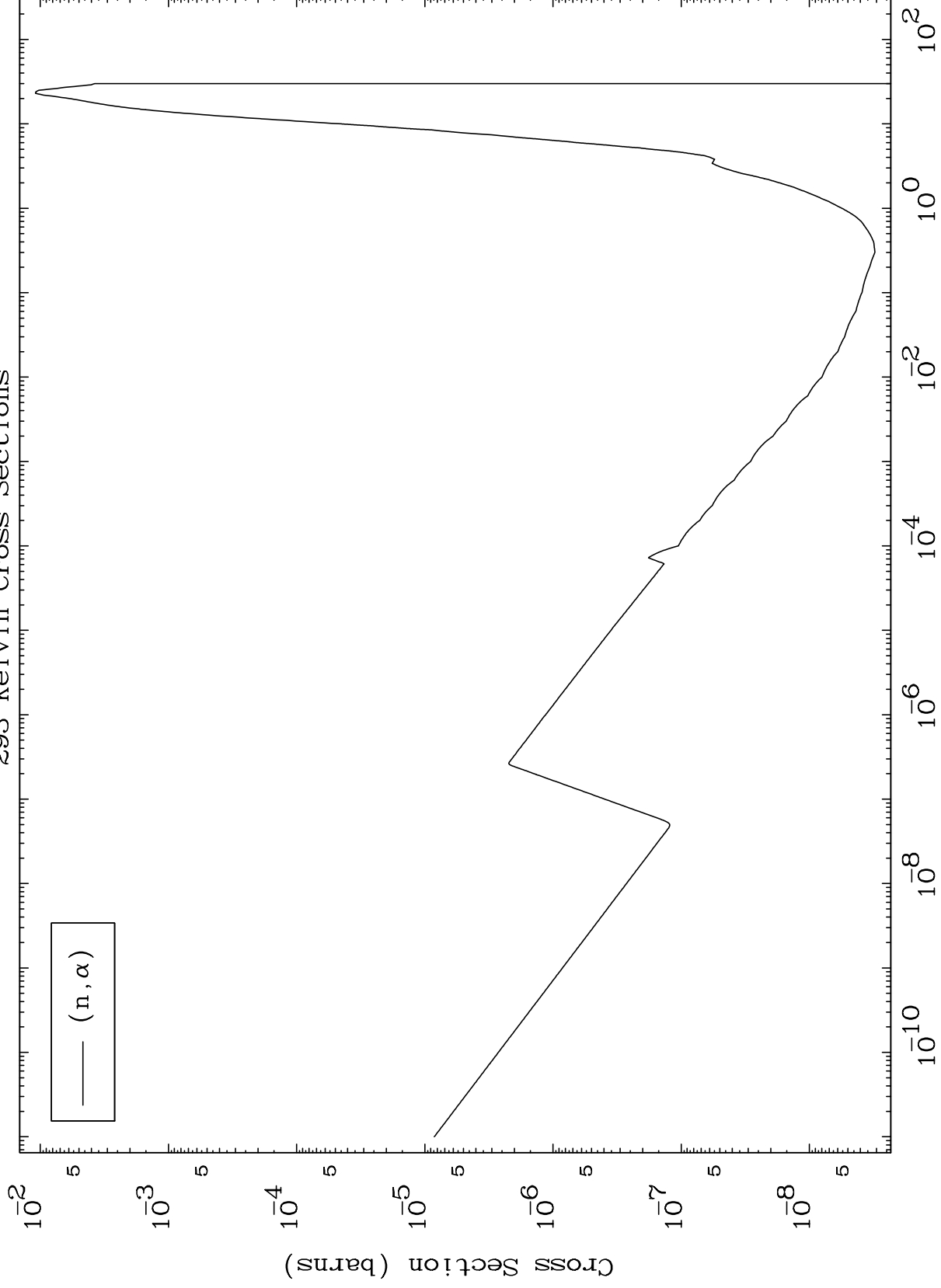
Incident Energy (MeV)

95-Am-239

MAT 9537

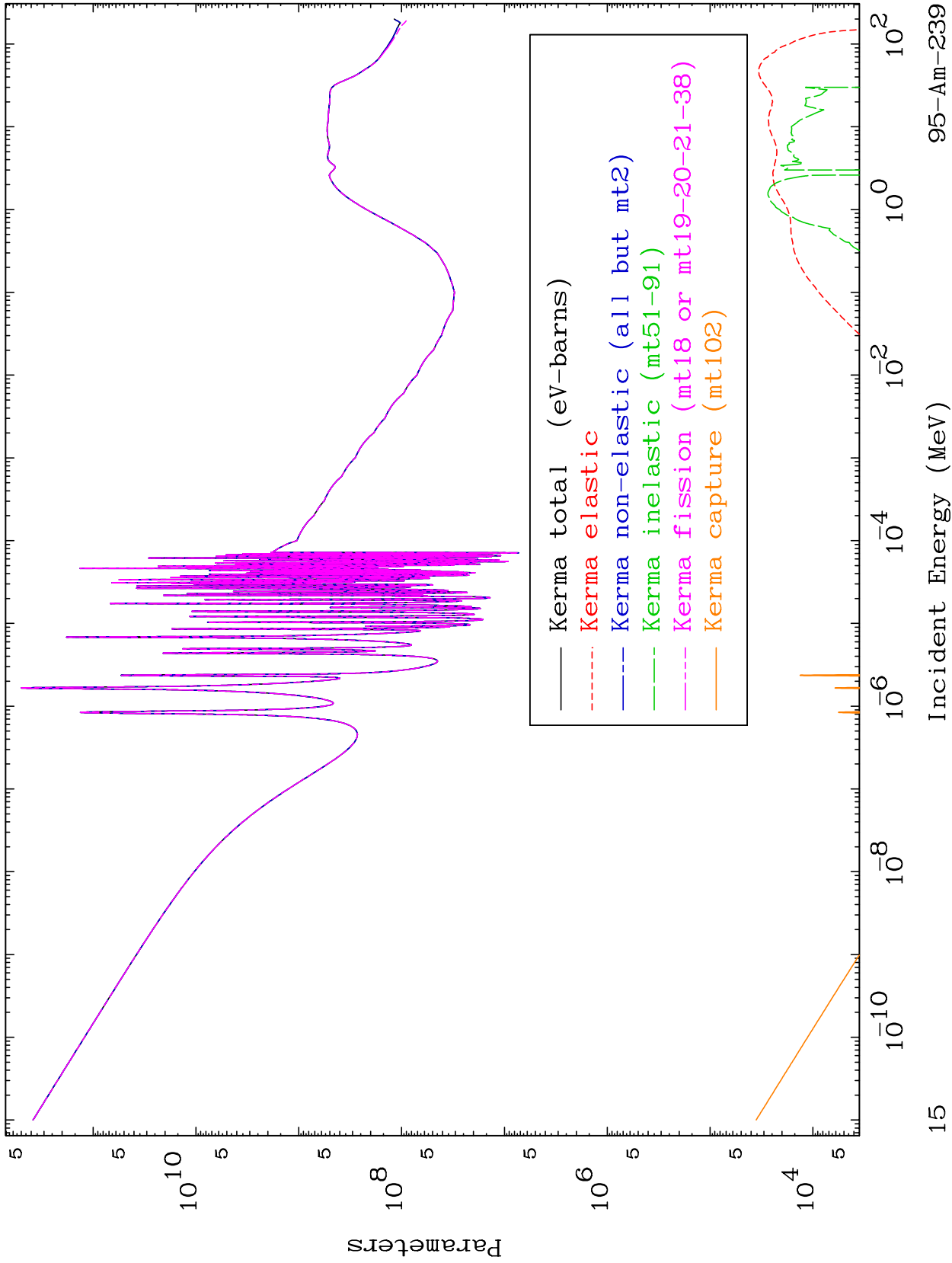
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

95-Am-239

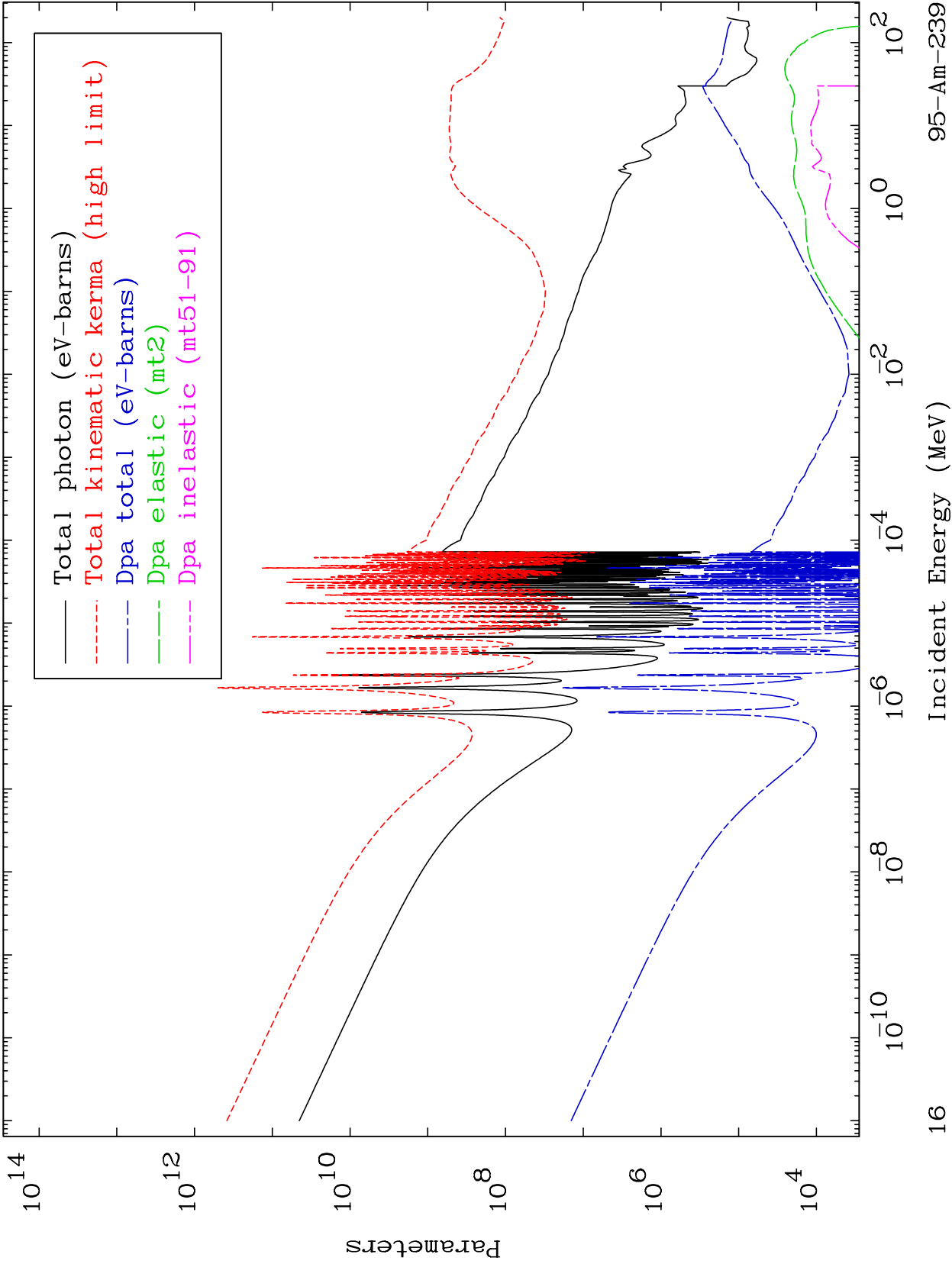


14

95-Am-239



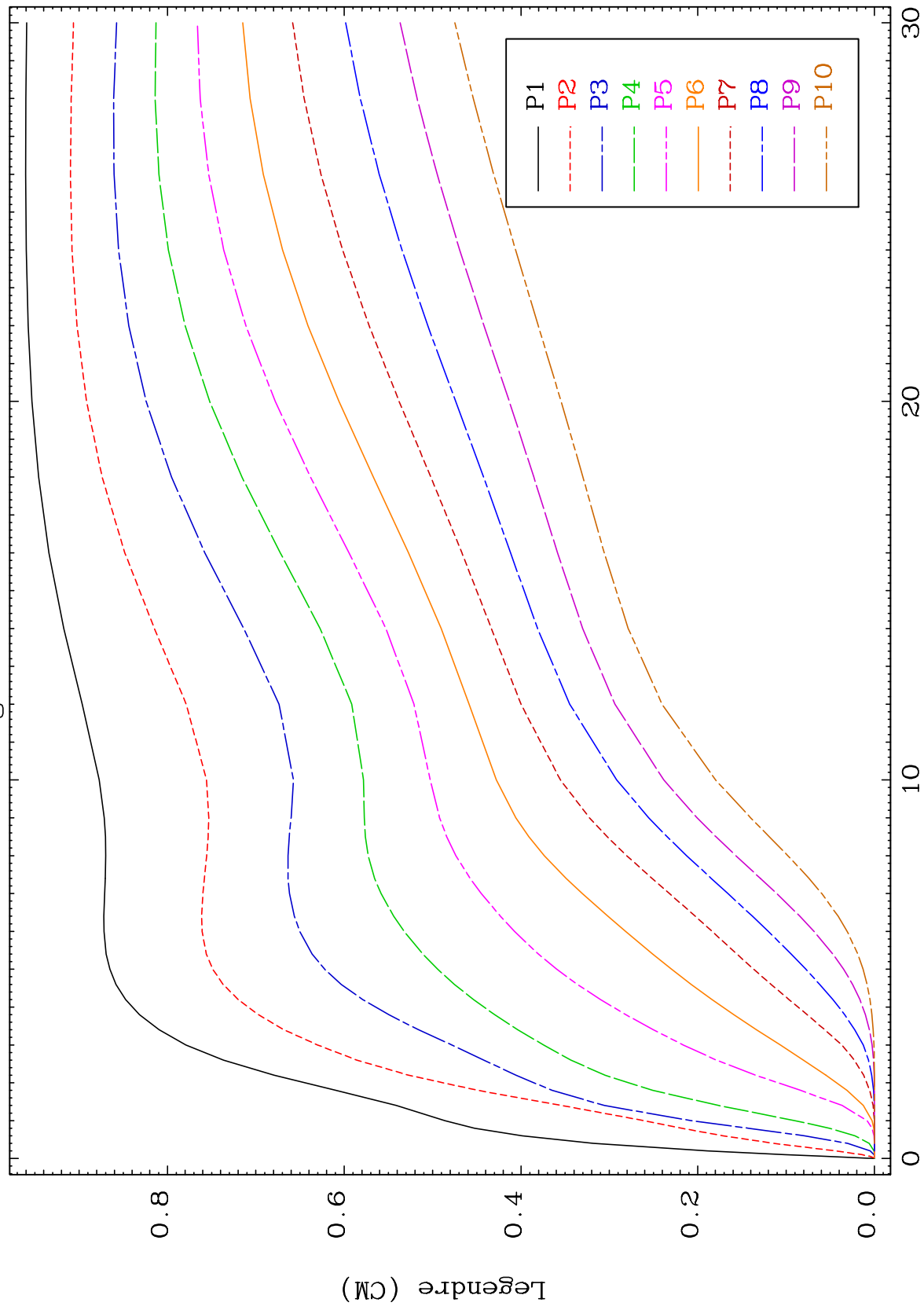




MAT 9537

95-Am-239

Elastic Legendre Coefficients



95-Am-239

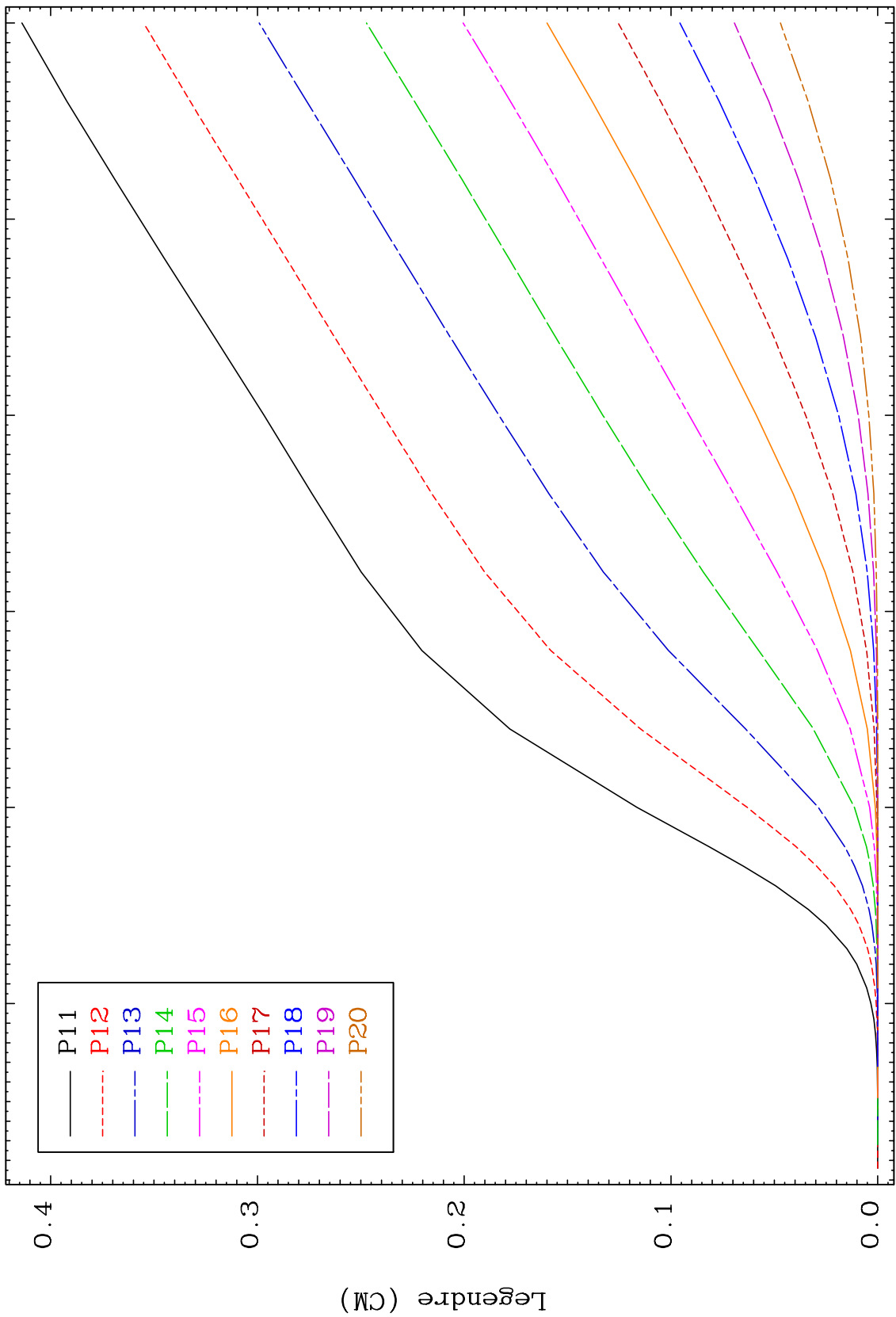
Incident Energy (MeV)

17

MAT 9537

Elastic Legendre Coefficients

95-Am-239



18

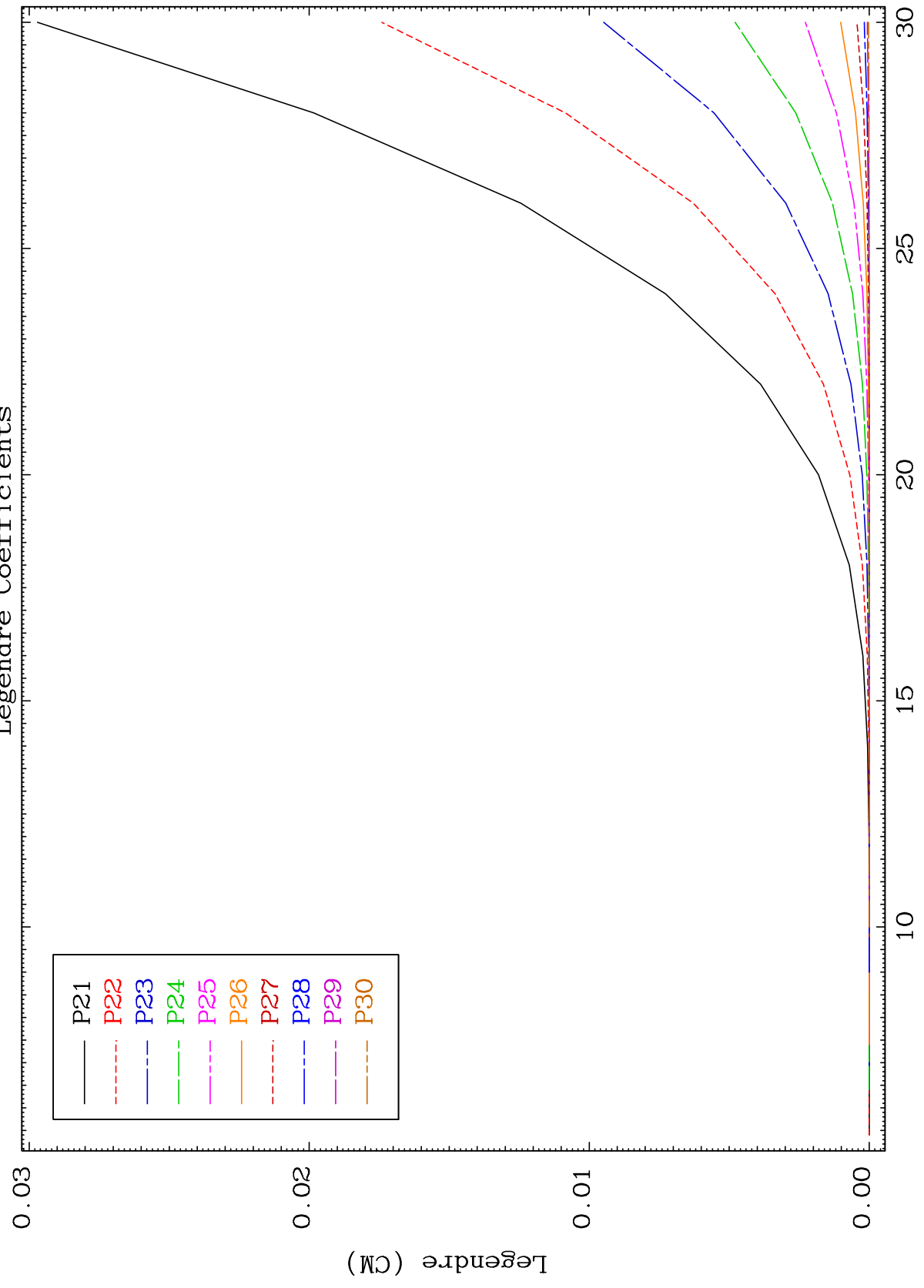
Incident Energy (MeV)

95-Am-239

MAT 9537

Elastic Legendre Coefficients

95-Am-239



19

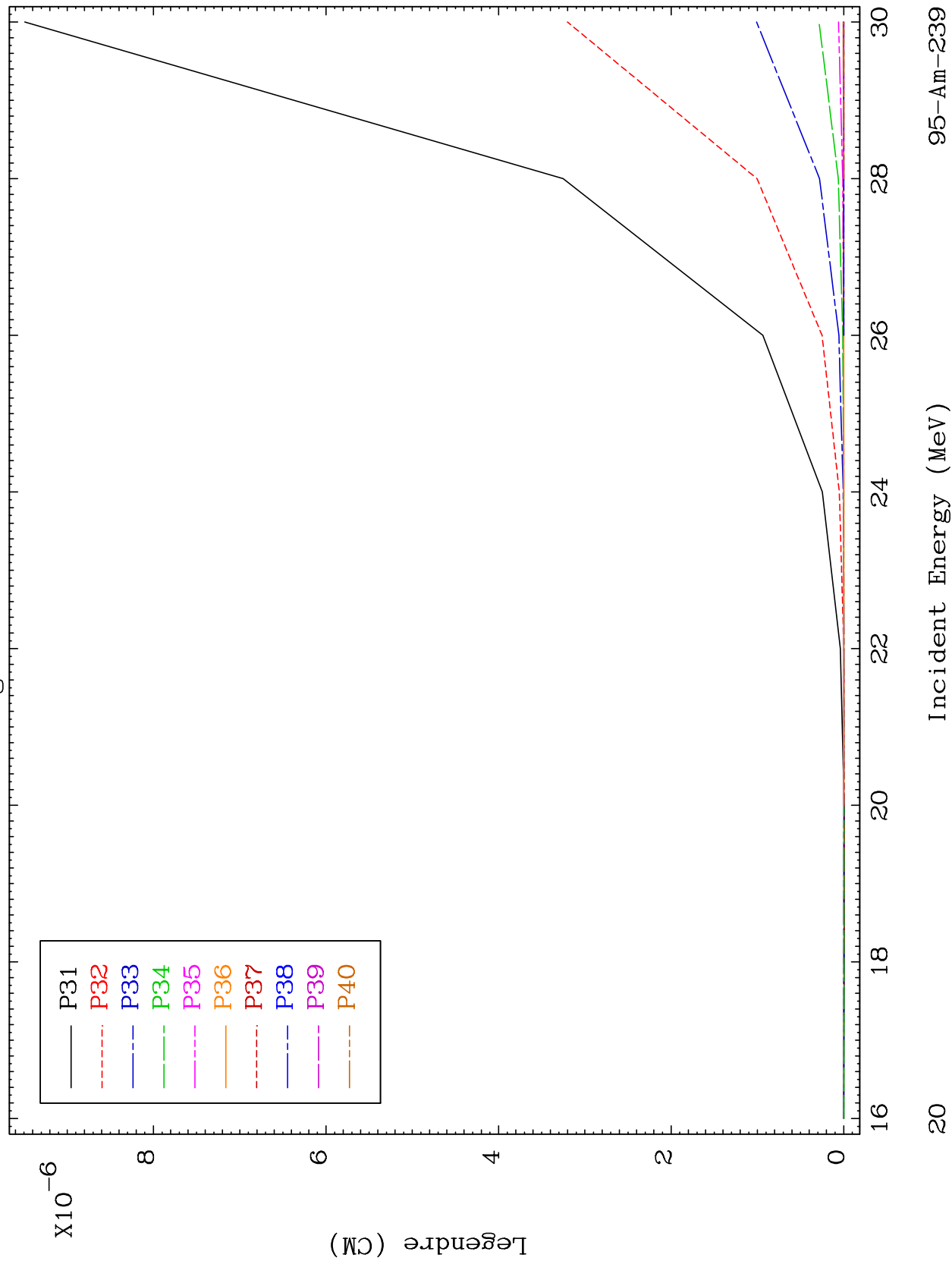
Incident Energy (MeV)

95-Am-239

MAT 9537

Elastic Legendre Coefficients

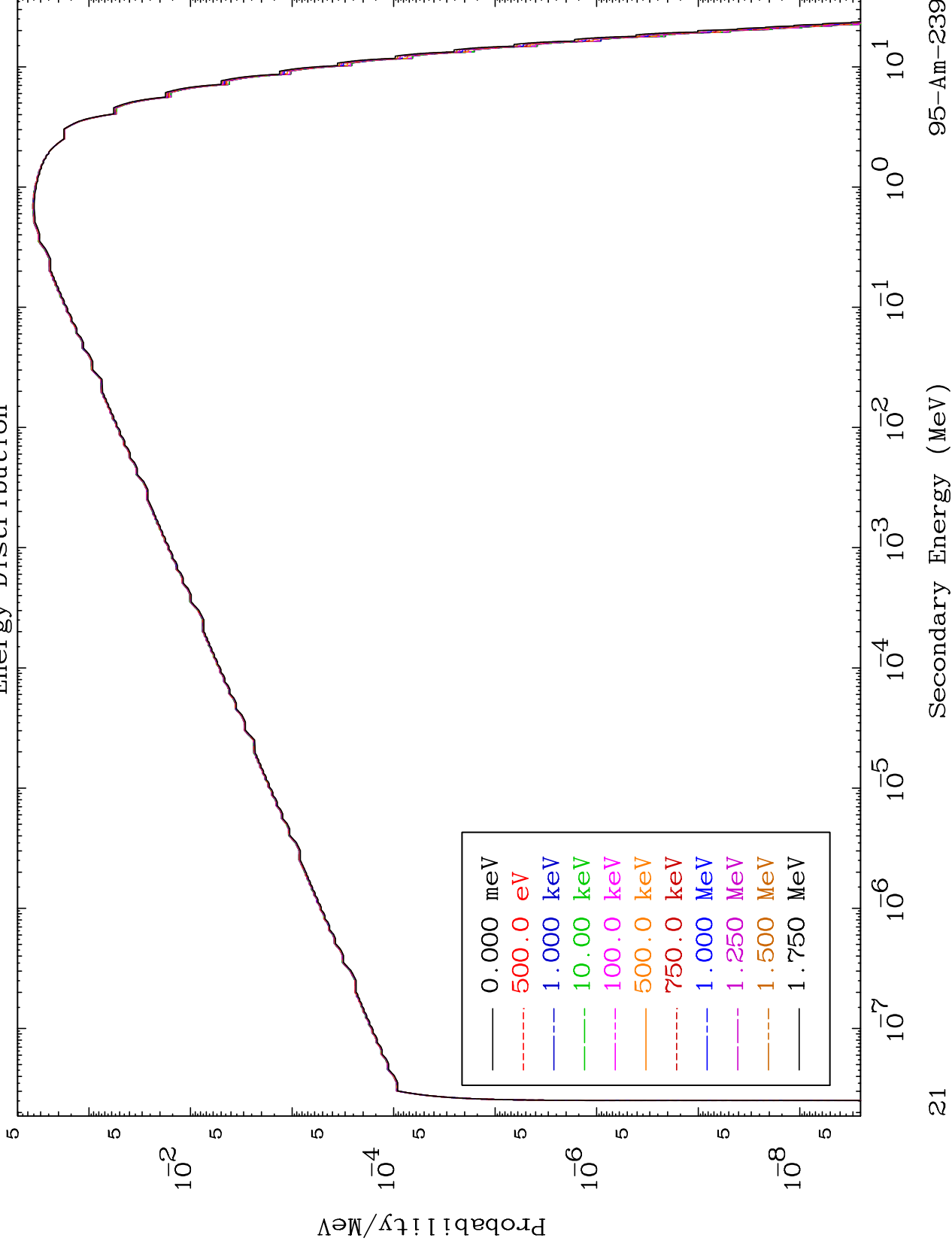
95-Am-239



MAT 9537

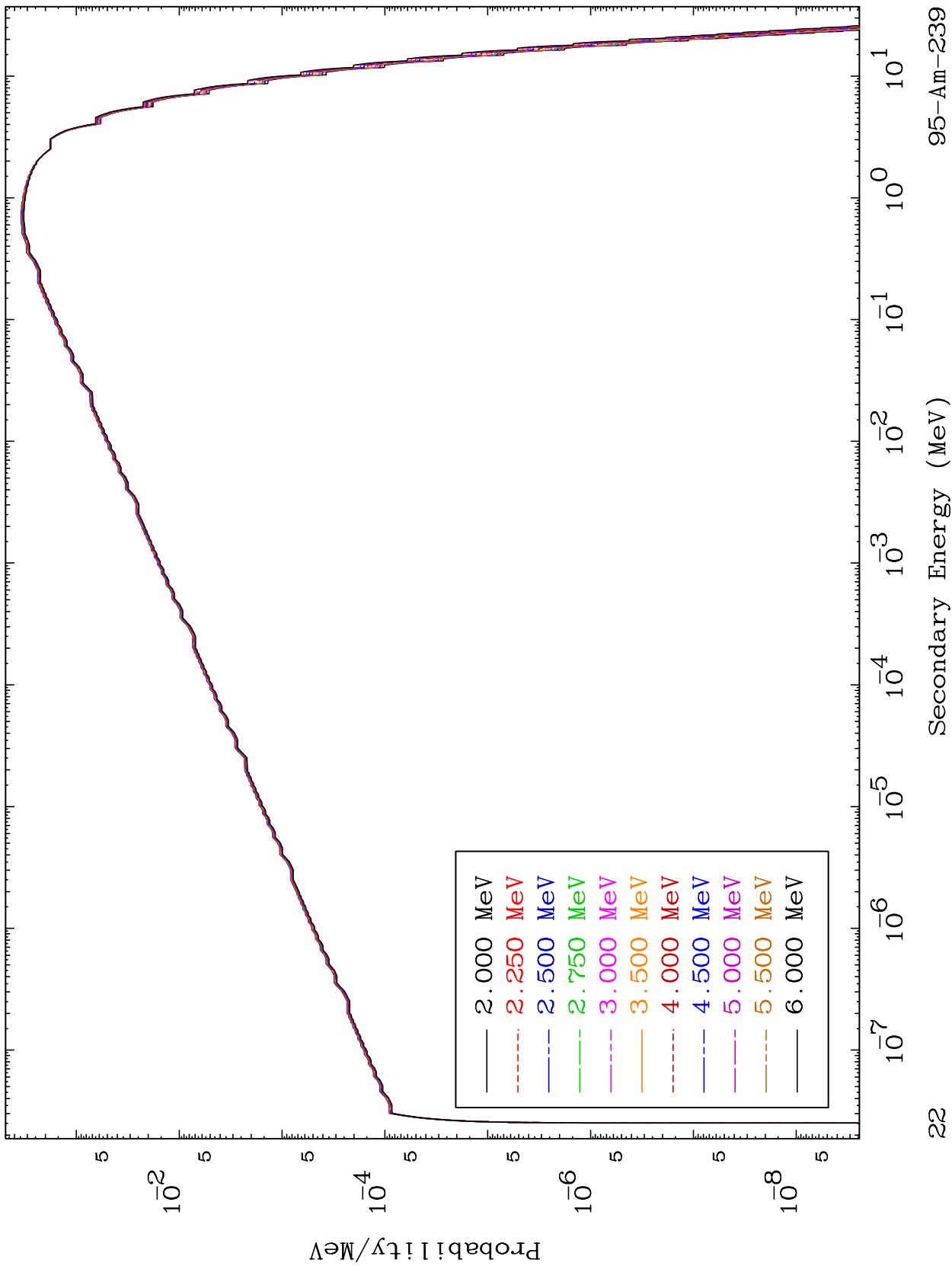
### Fission Energy Distribution

95-Am-239



95-Am-239

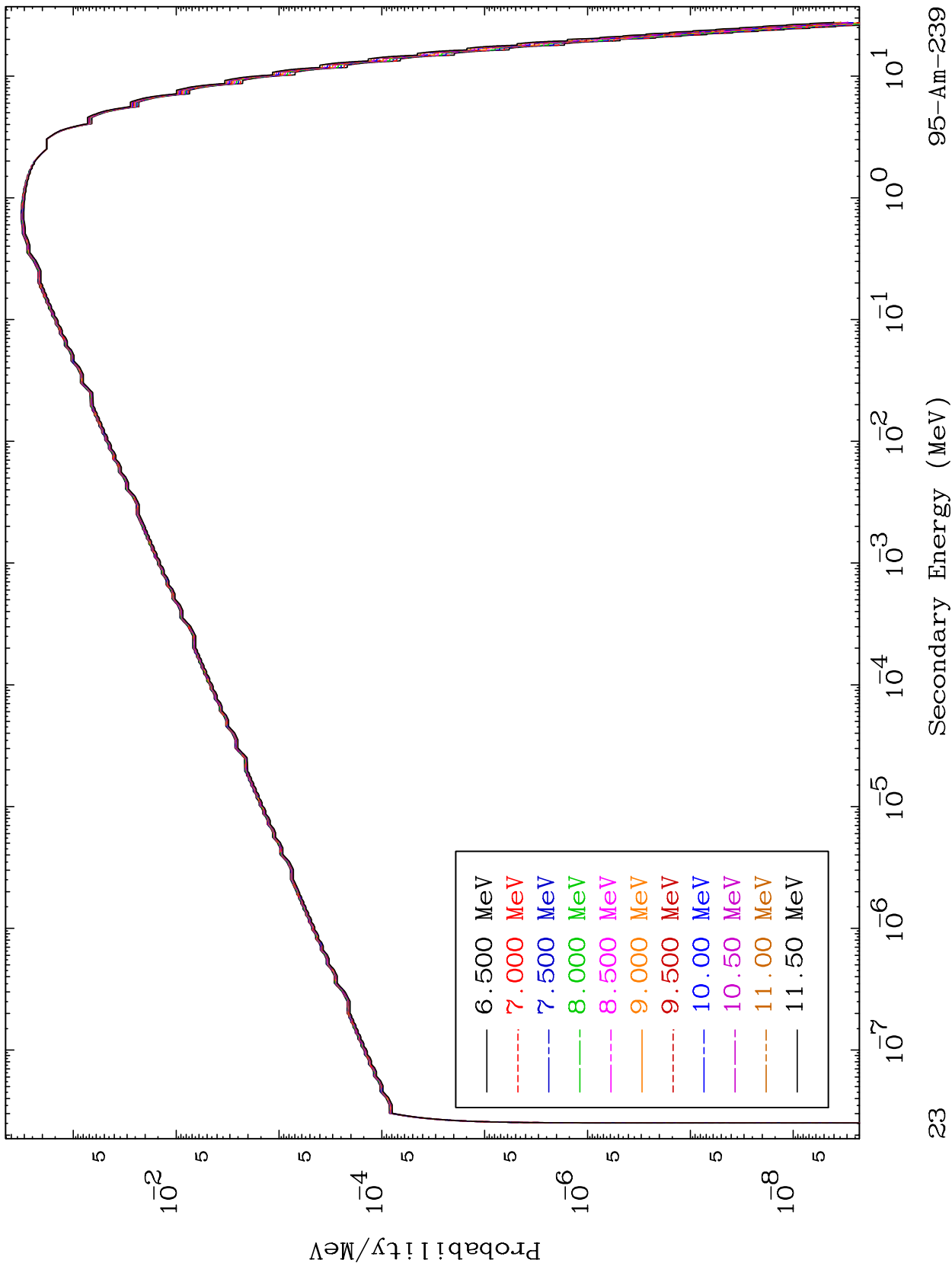
Fission  
Energy Distribution



MAT 9537

### Fission Energy Distribution

95-Am-239

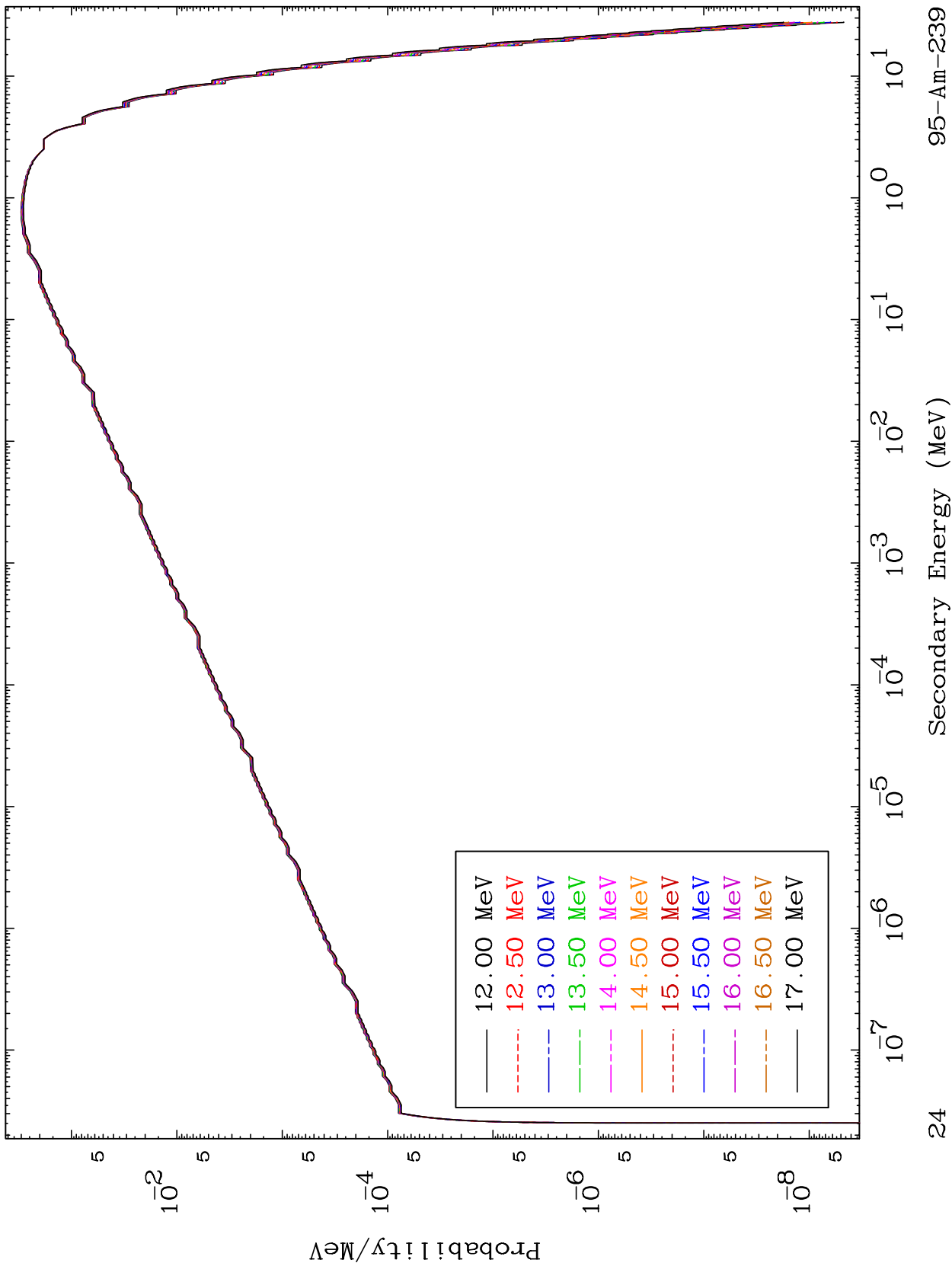




MAT 9537

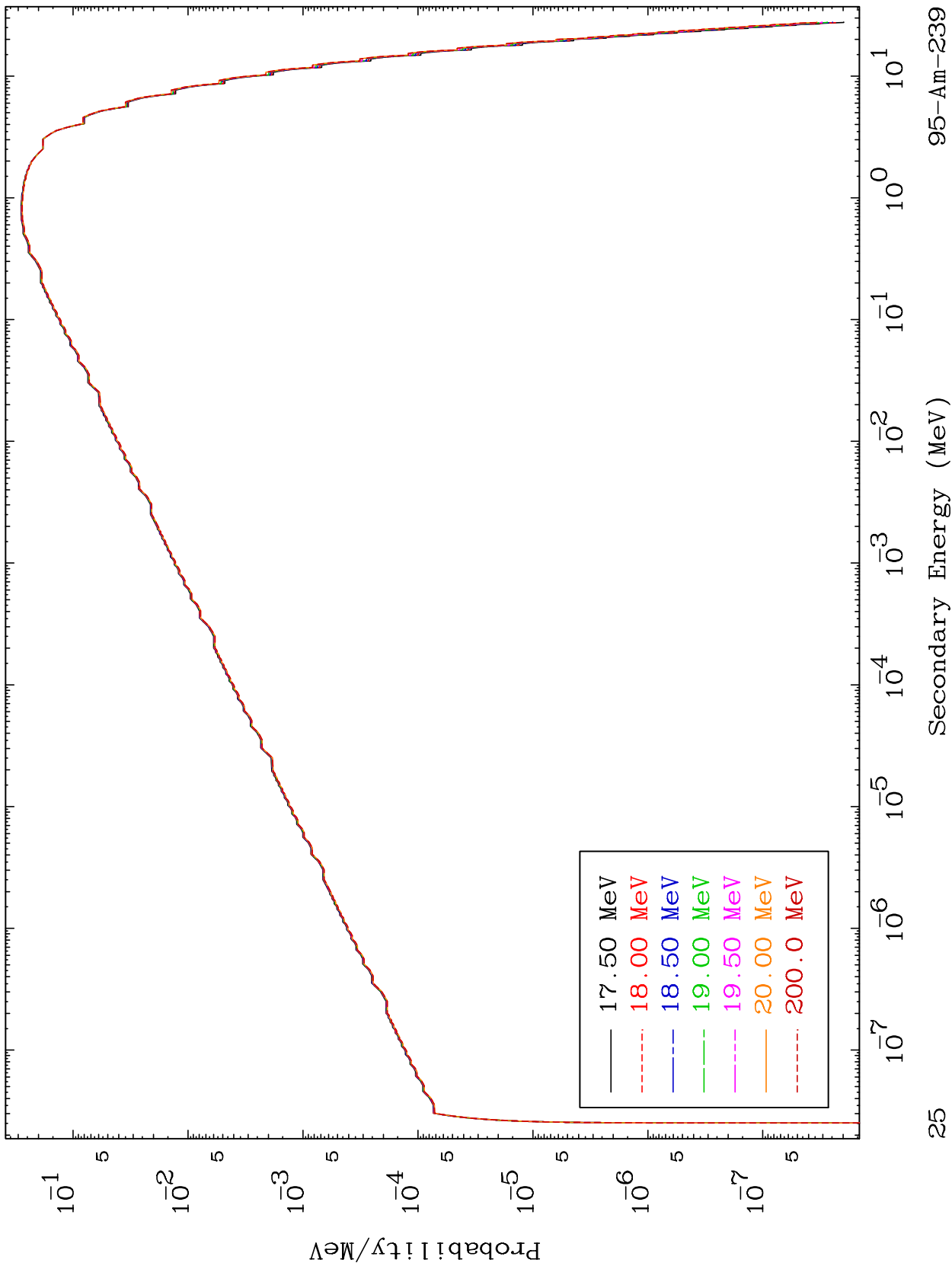
### Fission Energy Distribution

95-Am-239



95-Am-239

### Fission Energy Distribution

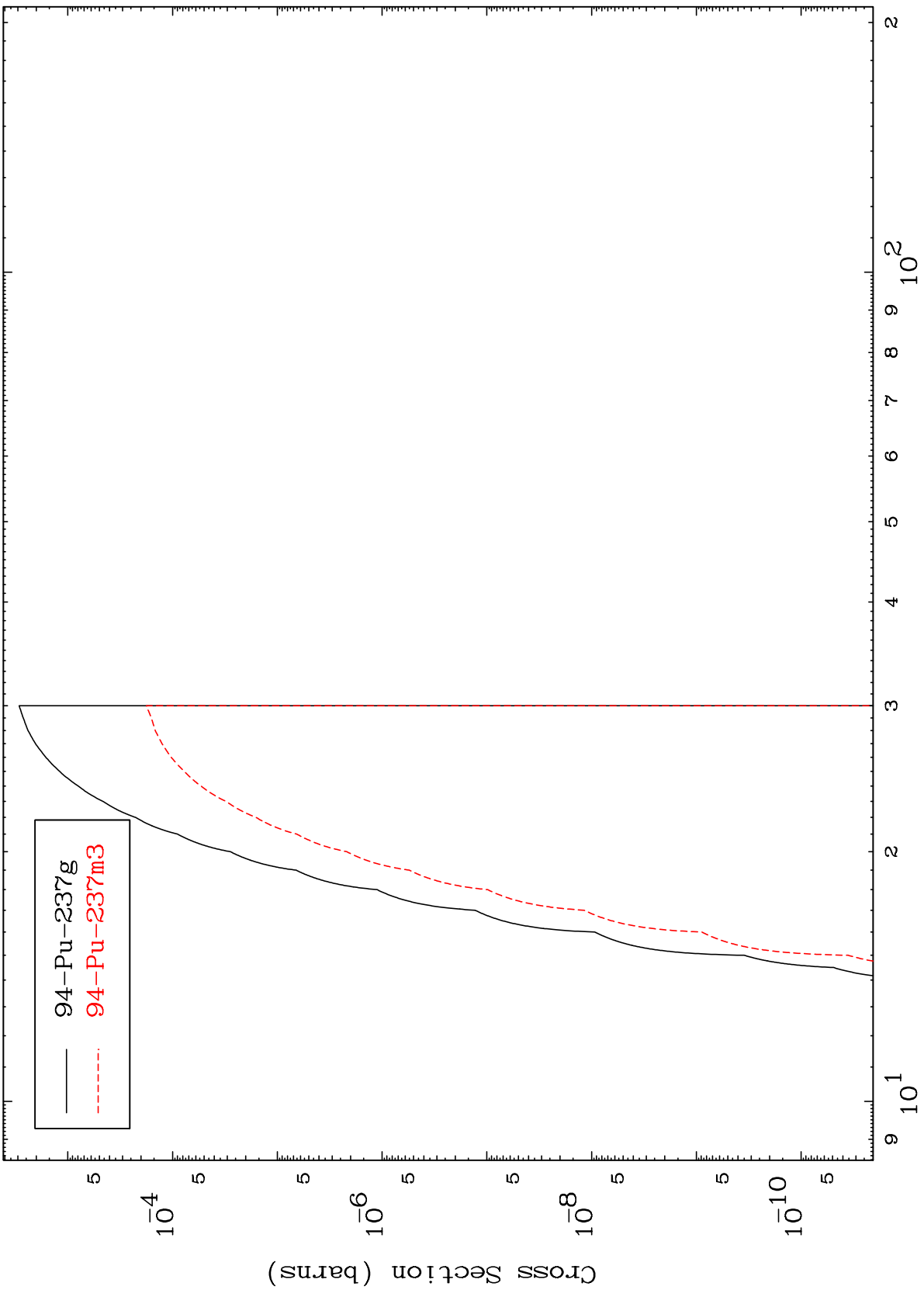


MAT 9537

(n,n') d

95-Am-239

Radionuclide Production Cross Section



94-Pu-237g  
94-Pu-237m3

26

Incident Energy (MeV)

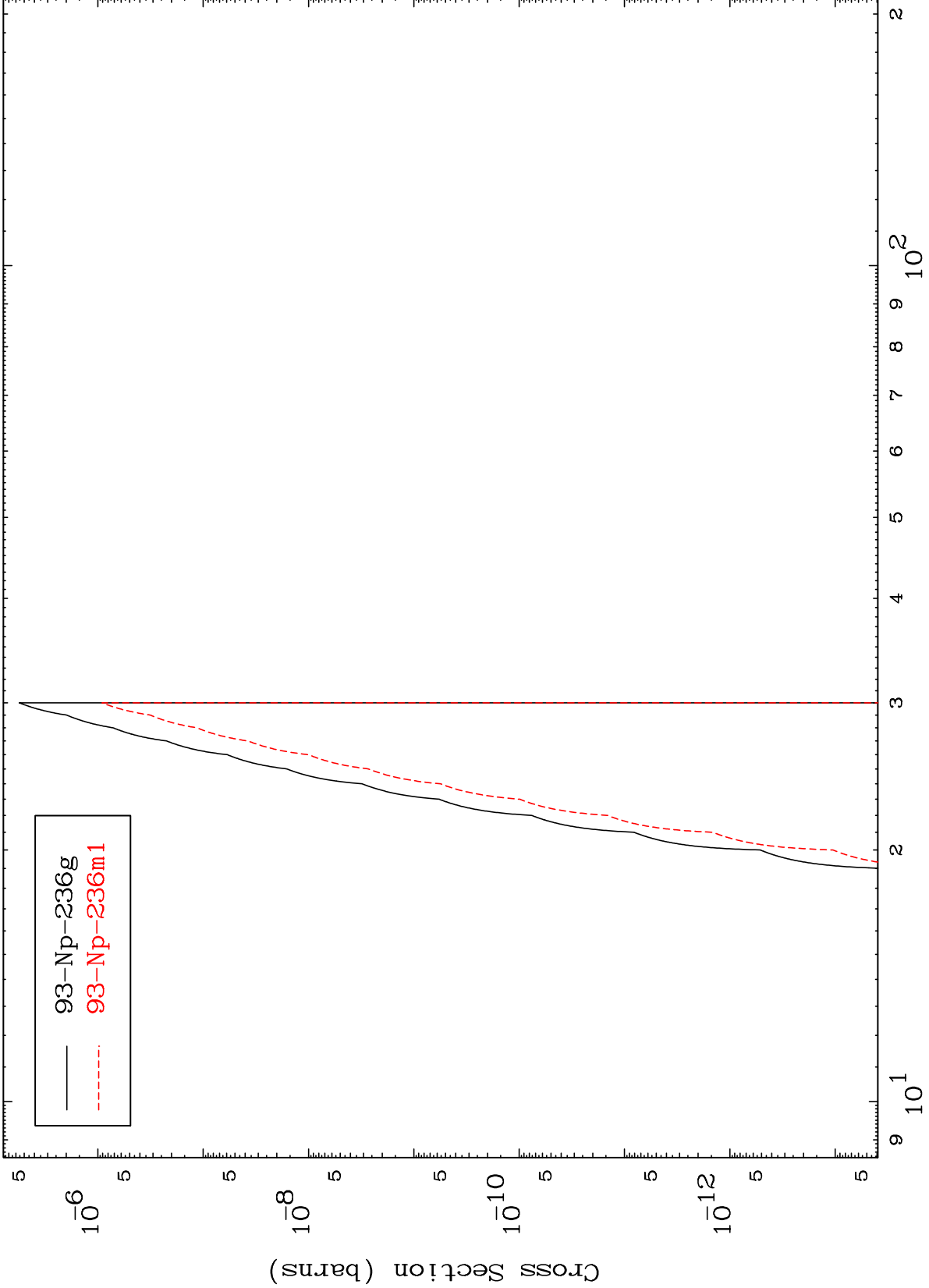
95-Am-239

MAT 9537

(n,n') He-3

95-Am-239

Radionuclide Production Cross Section



27

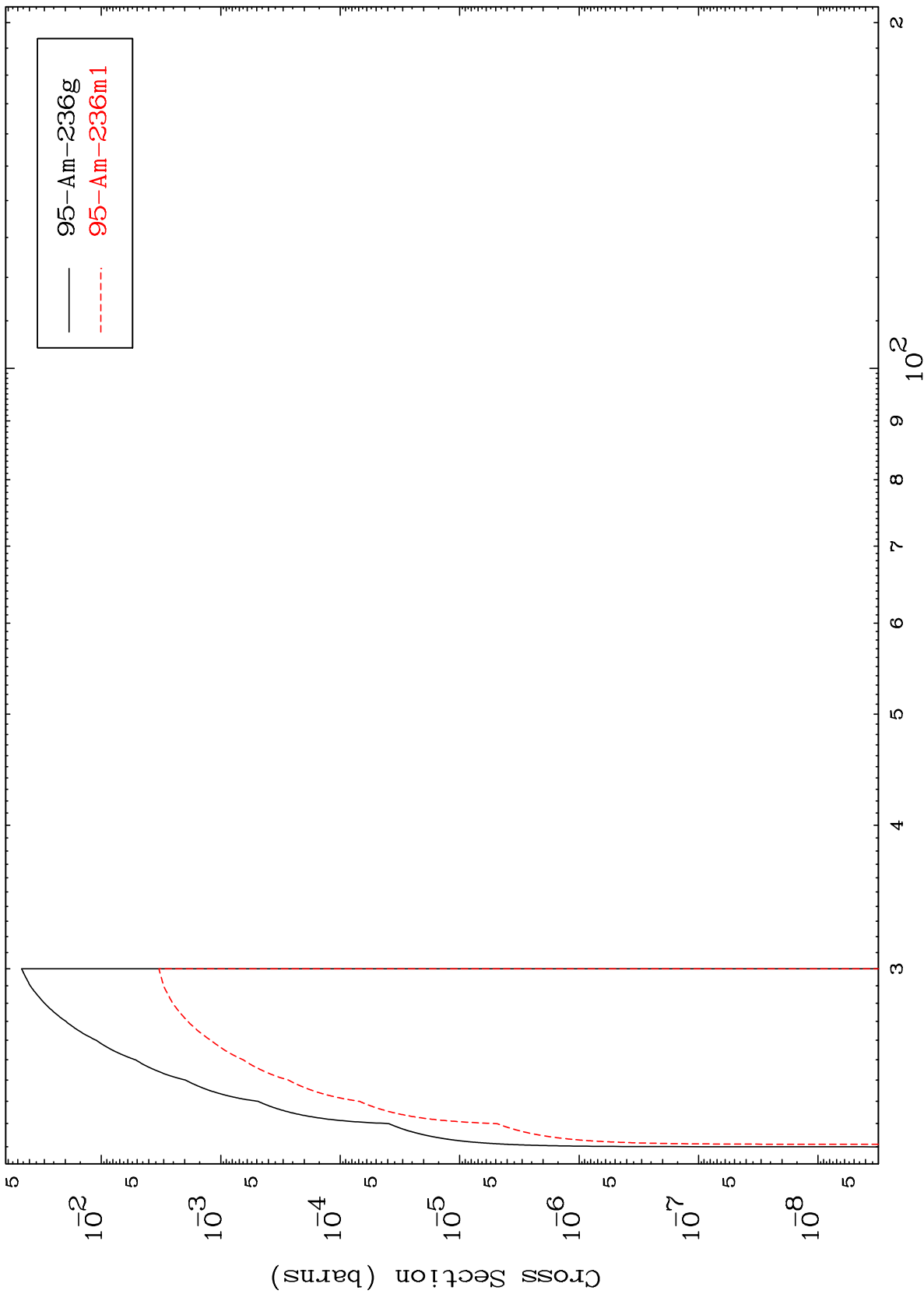
Incident Energy (MeV)

95-Am-239

MAT 9537

95-Am-239

(n,4n)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

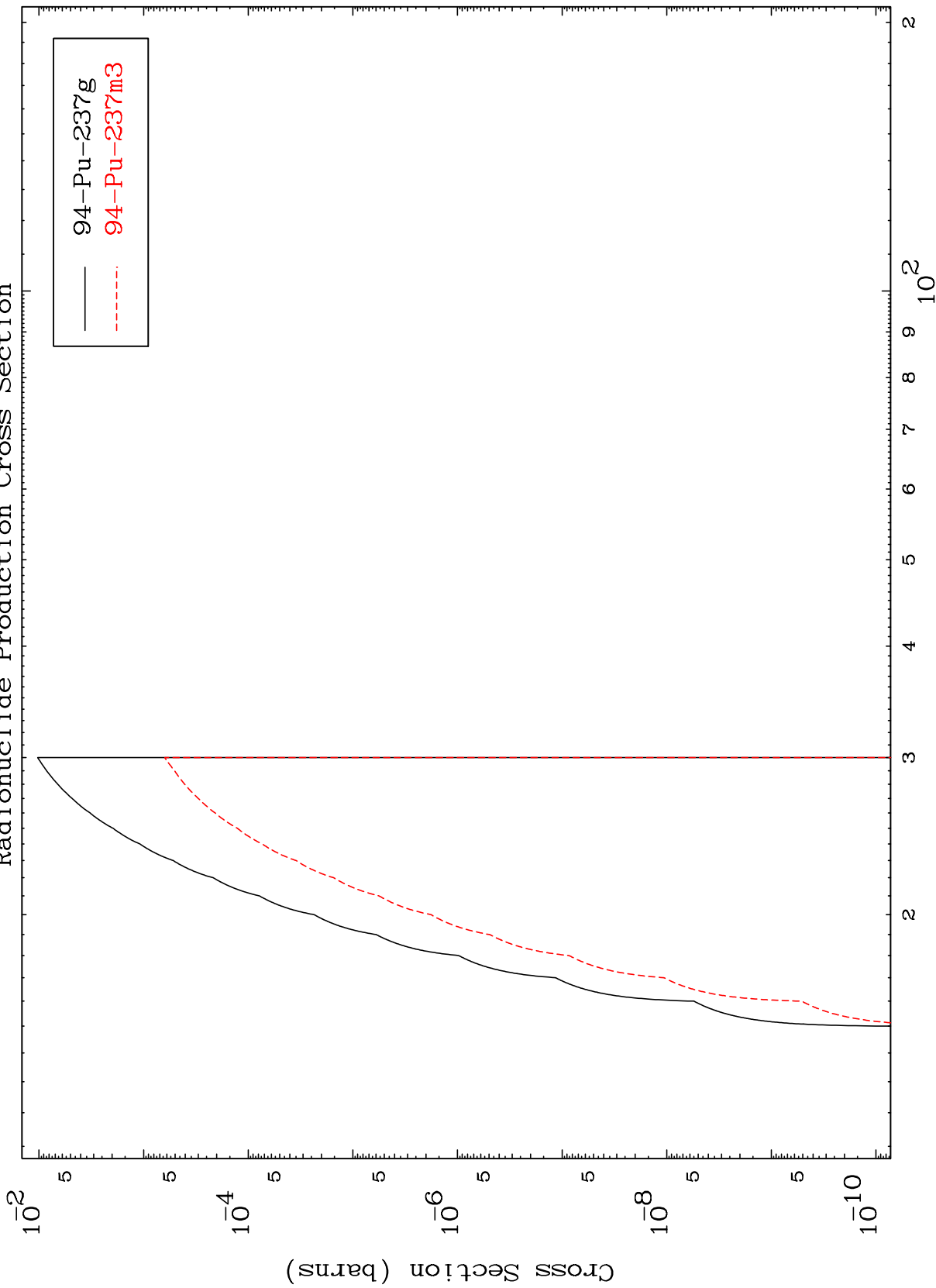
95-Am-239

MAT 9537

(n,2n) p

95-Am-239

Radionuclide Production Cross Section



94-Pu-237g  
94-Pu-237m3

29

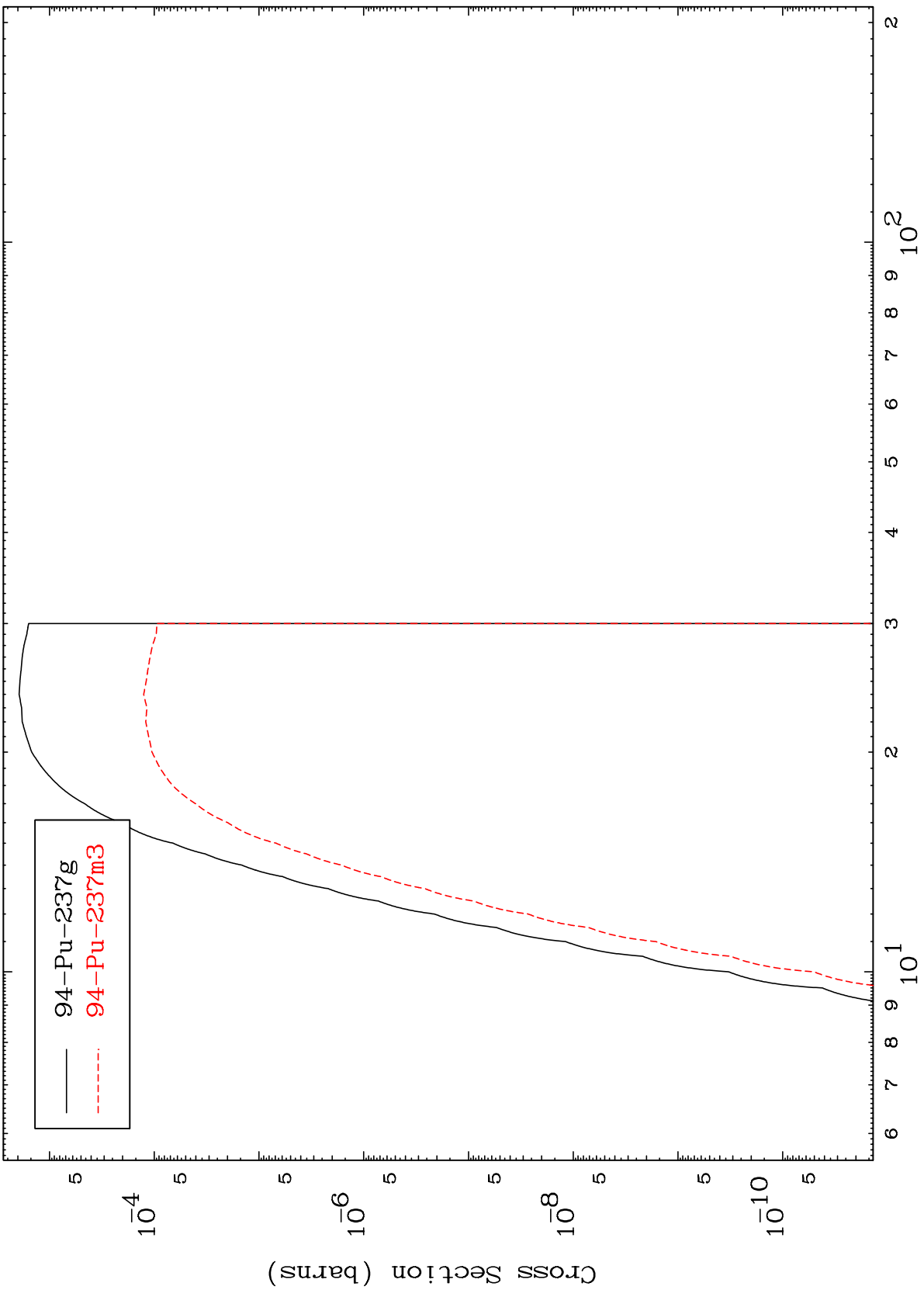
Incident Energy (MeV)

95-Am-239

MAT 9537

95-Am-239

Radionuclide Production Cross Section (n,t)



30

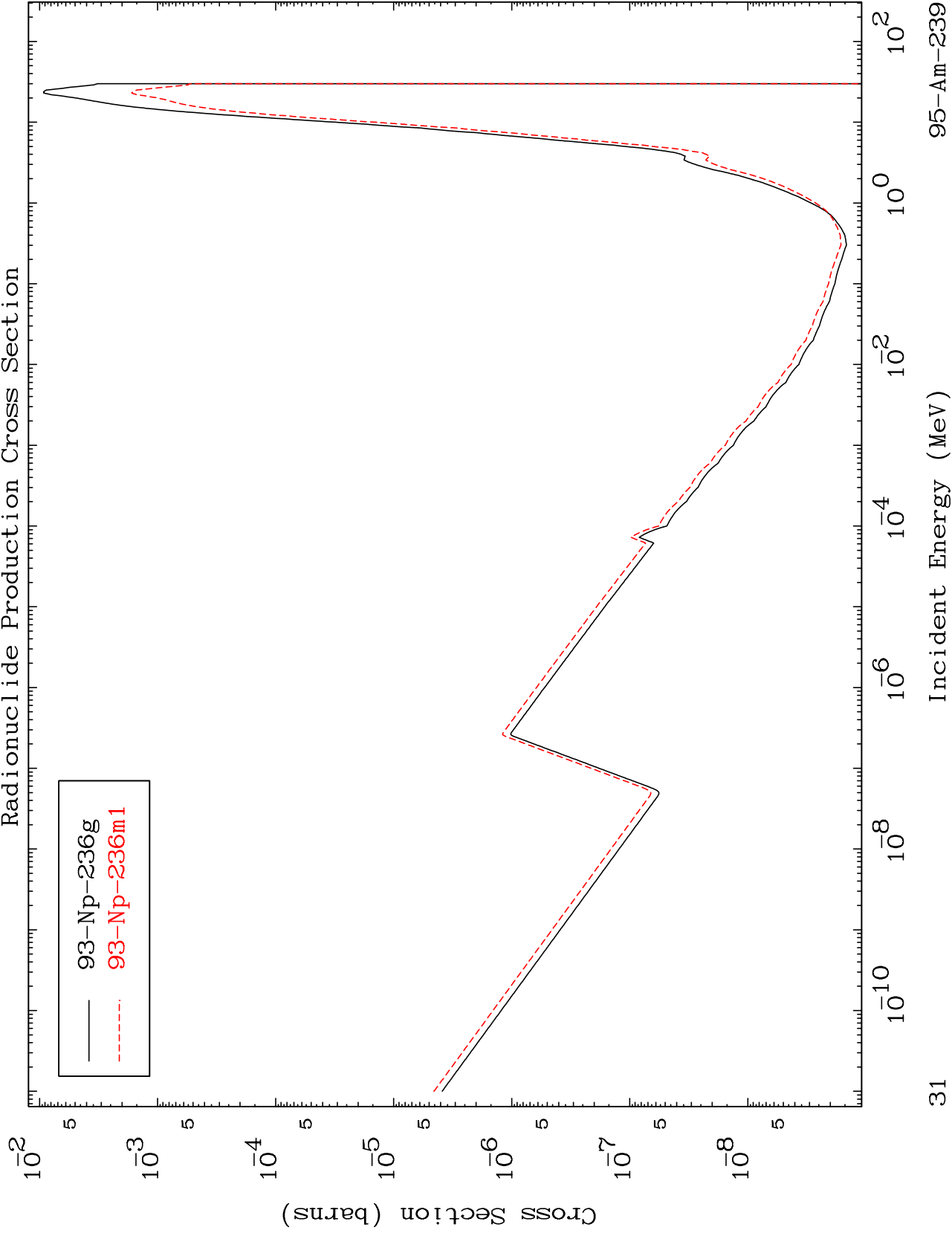
Incident Energy (MeV)

95-Am-239

MAT 9537

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

95-Am-239





MAT 9537

(n,p)  $\alpha$

95-Am-239

Radionuclide Production Cross Section

