

Program EVALPLOT  
(Version 2018-1)

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

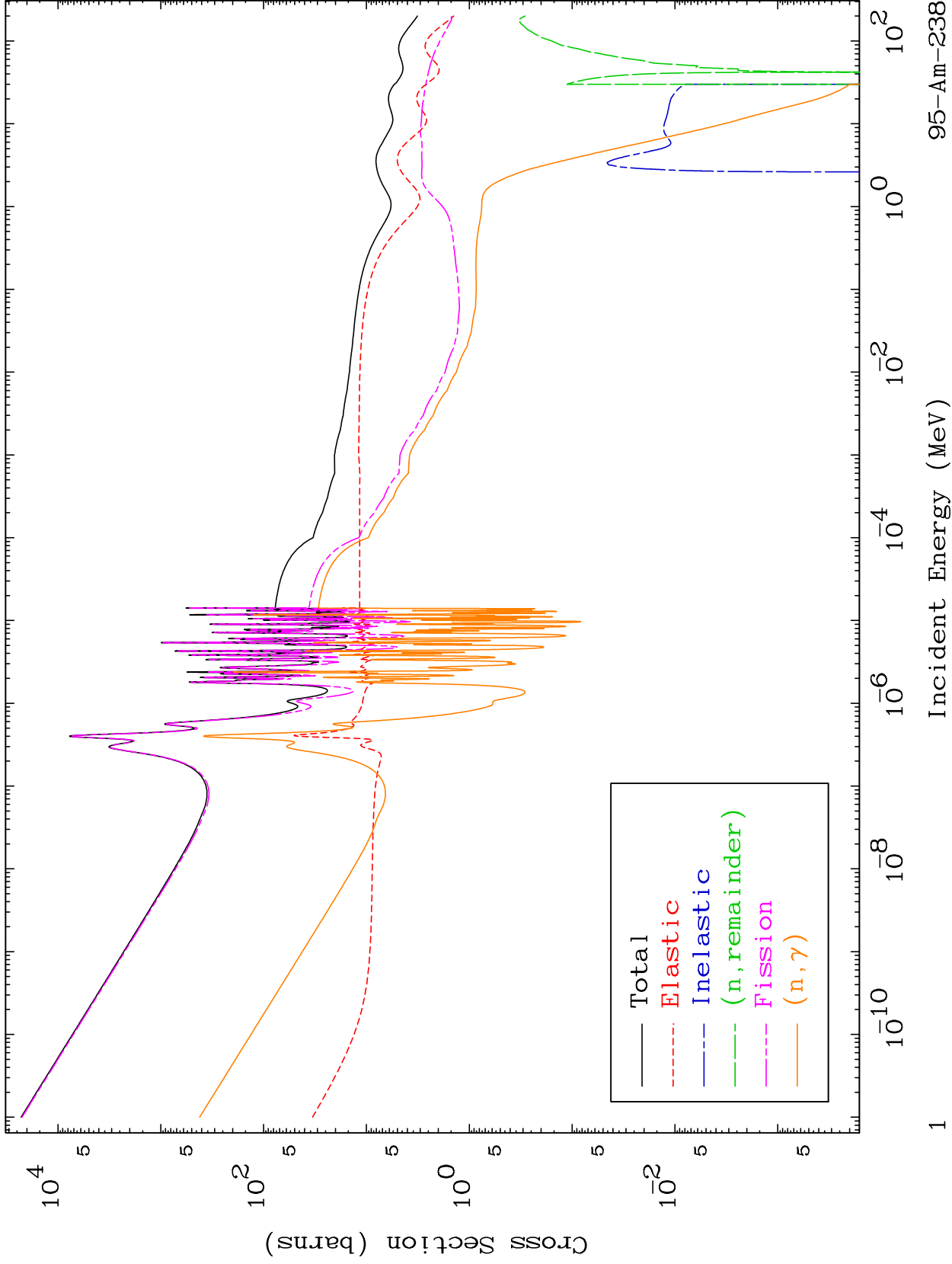
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9534

Major  
293 Kelvin Cross Sections

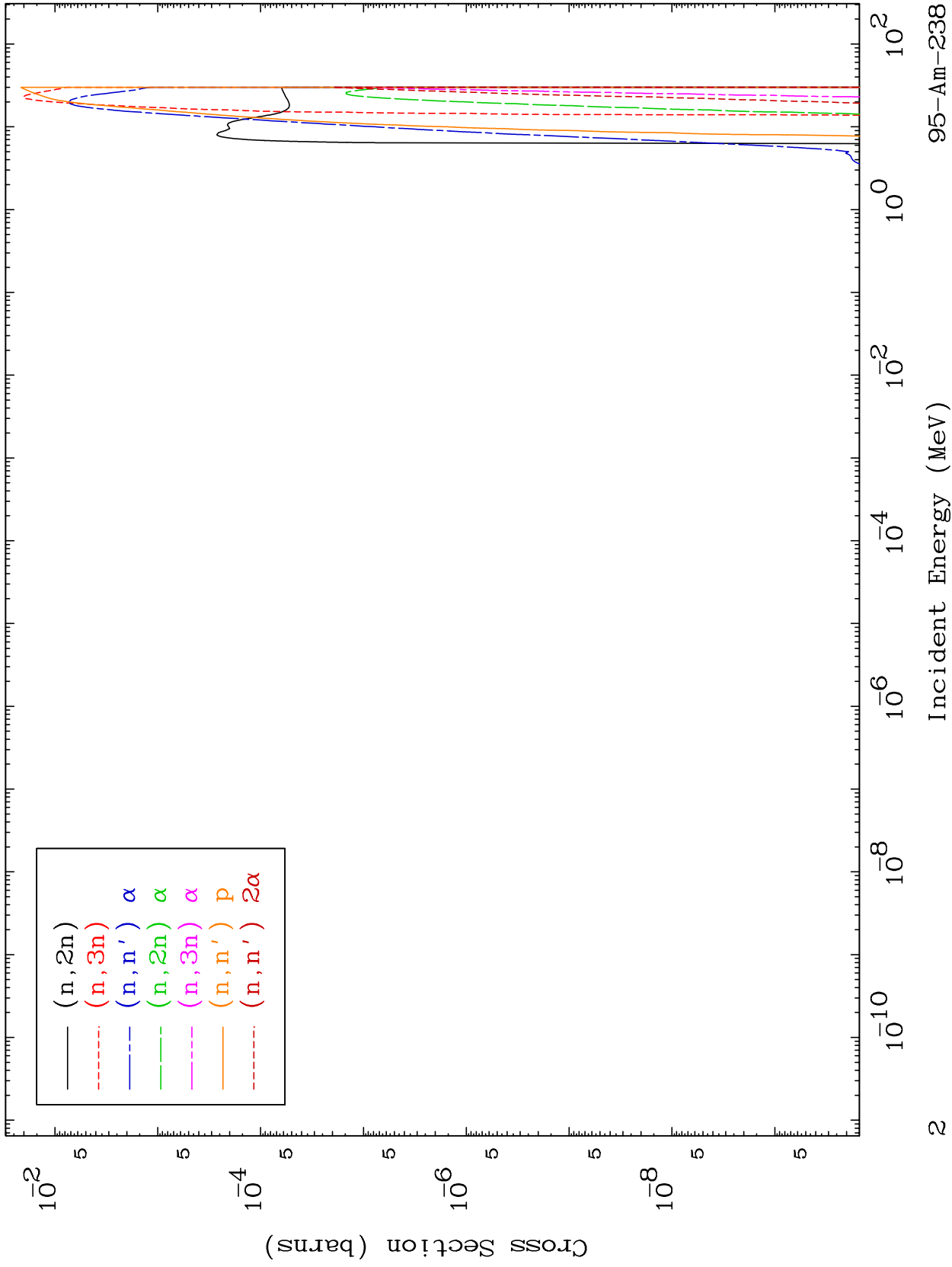
95-Am-238



MAT 9534

Neutron Production  
293 Kelvin Cross Sections

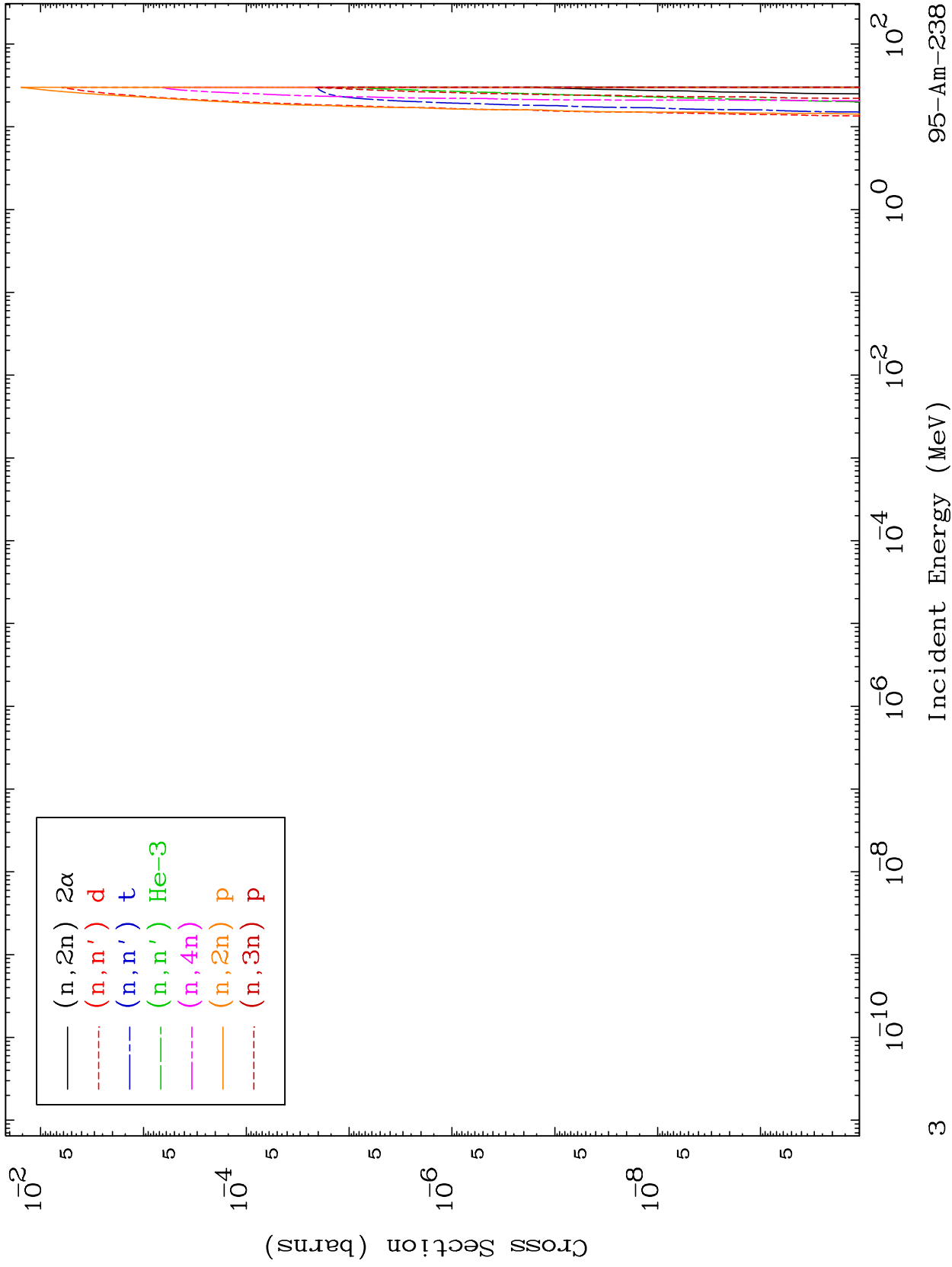
95-Am-238



MAT 9534

Neutron Production  
293 Kelvin Cross Sections

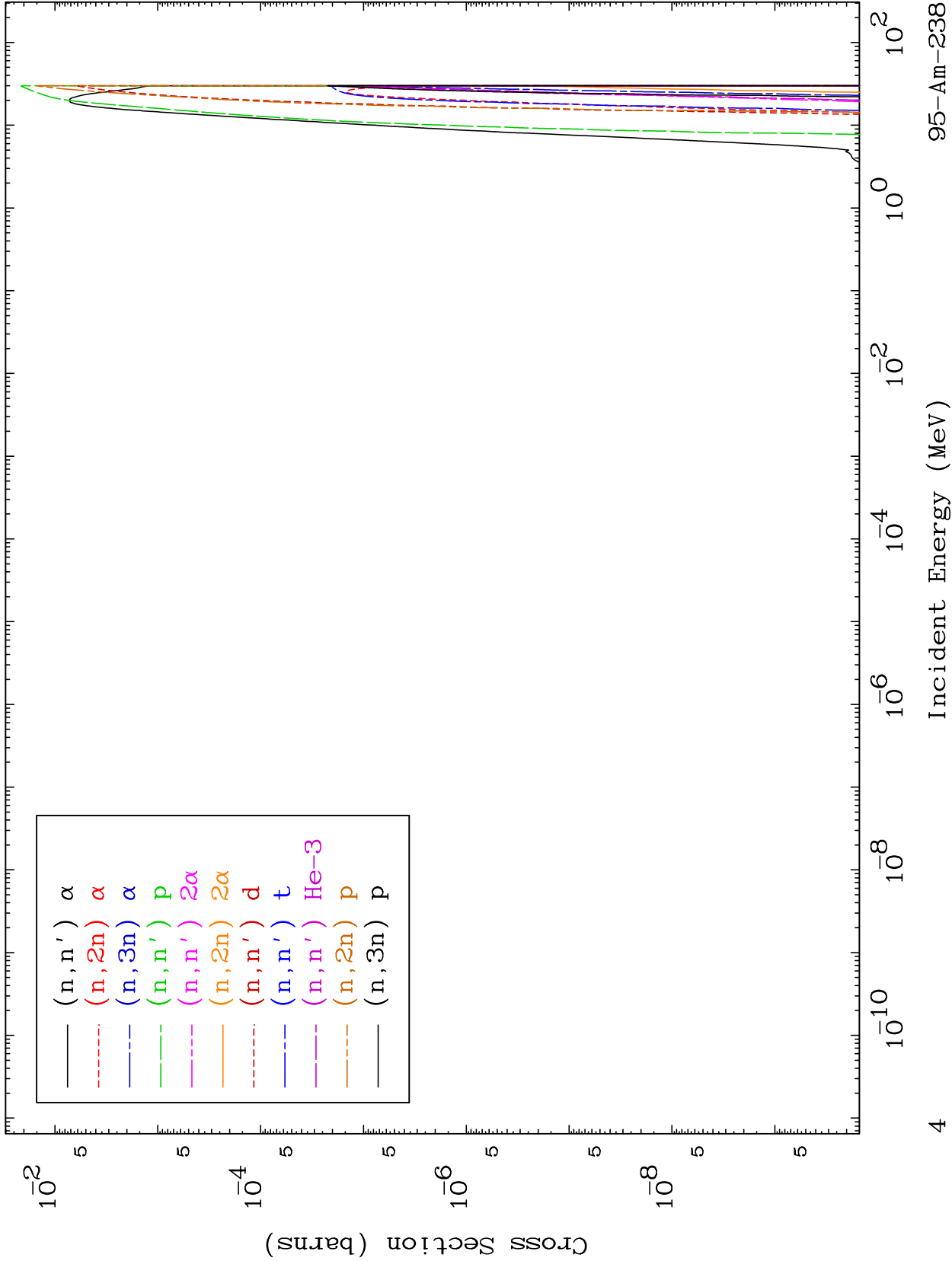
95-Am-238



MAT 9534

Charged Particle  
293 Kelvin Cross Sections

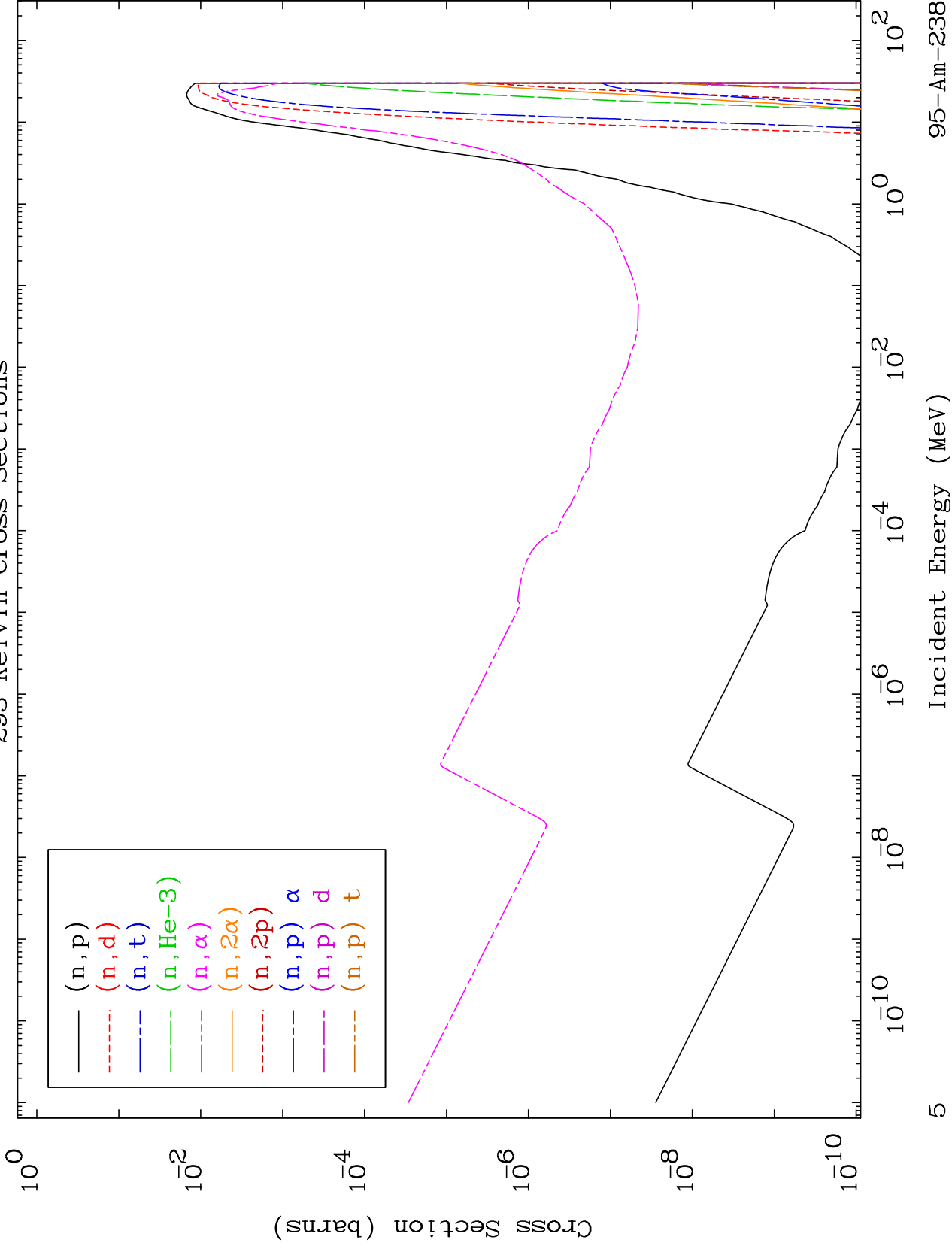
95-Am-238



MAT 9534

Charged Particle  
293 Kelvin Cross Sections

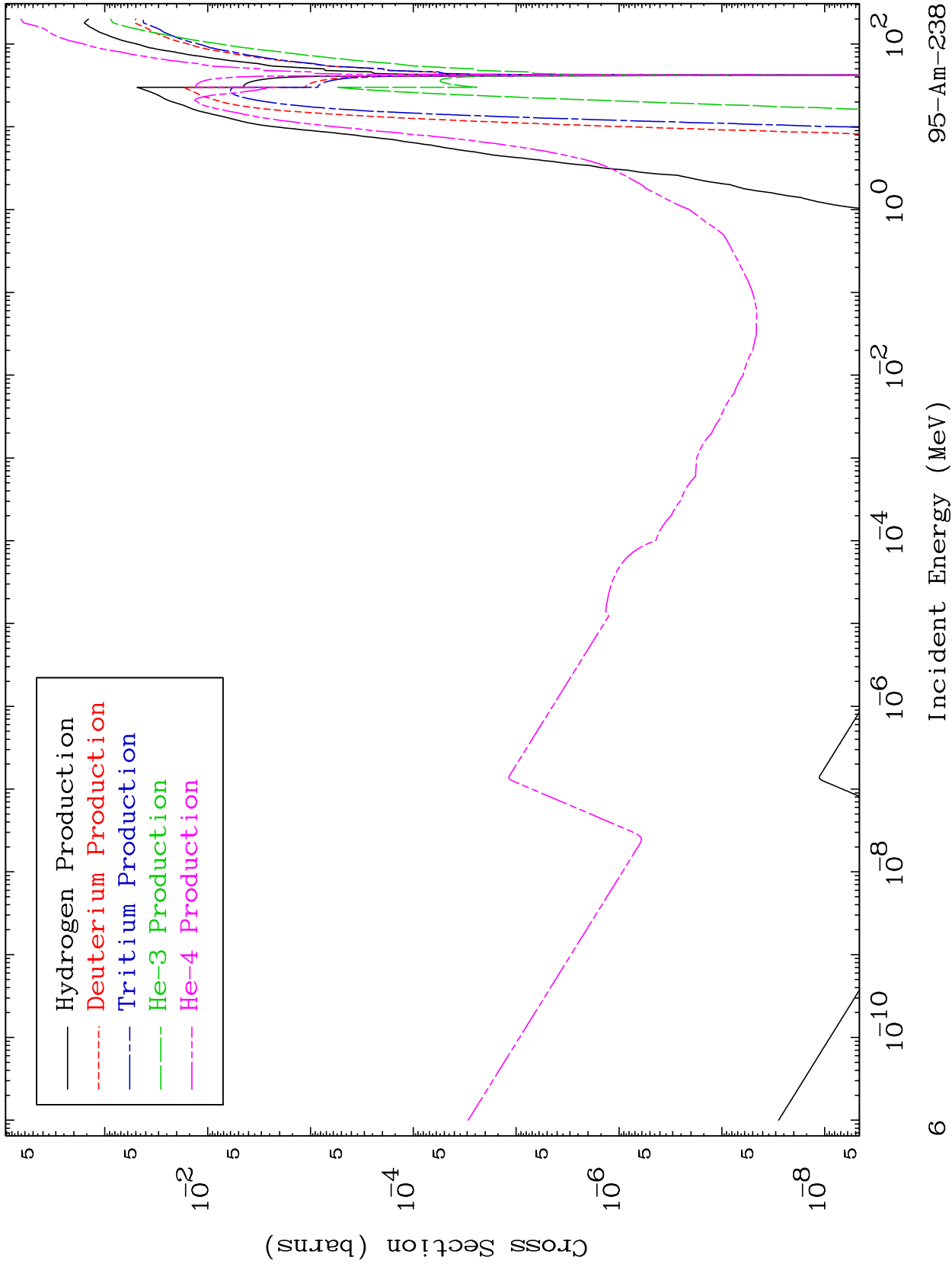
95-Am-238



MAT 9534

Particle Production  
293 Kelvin Cross Sections

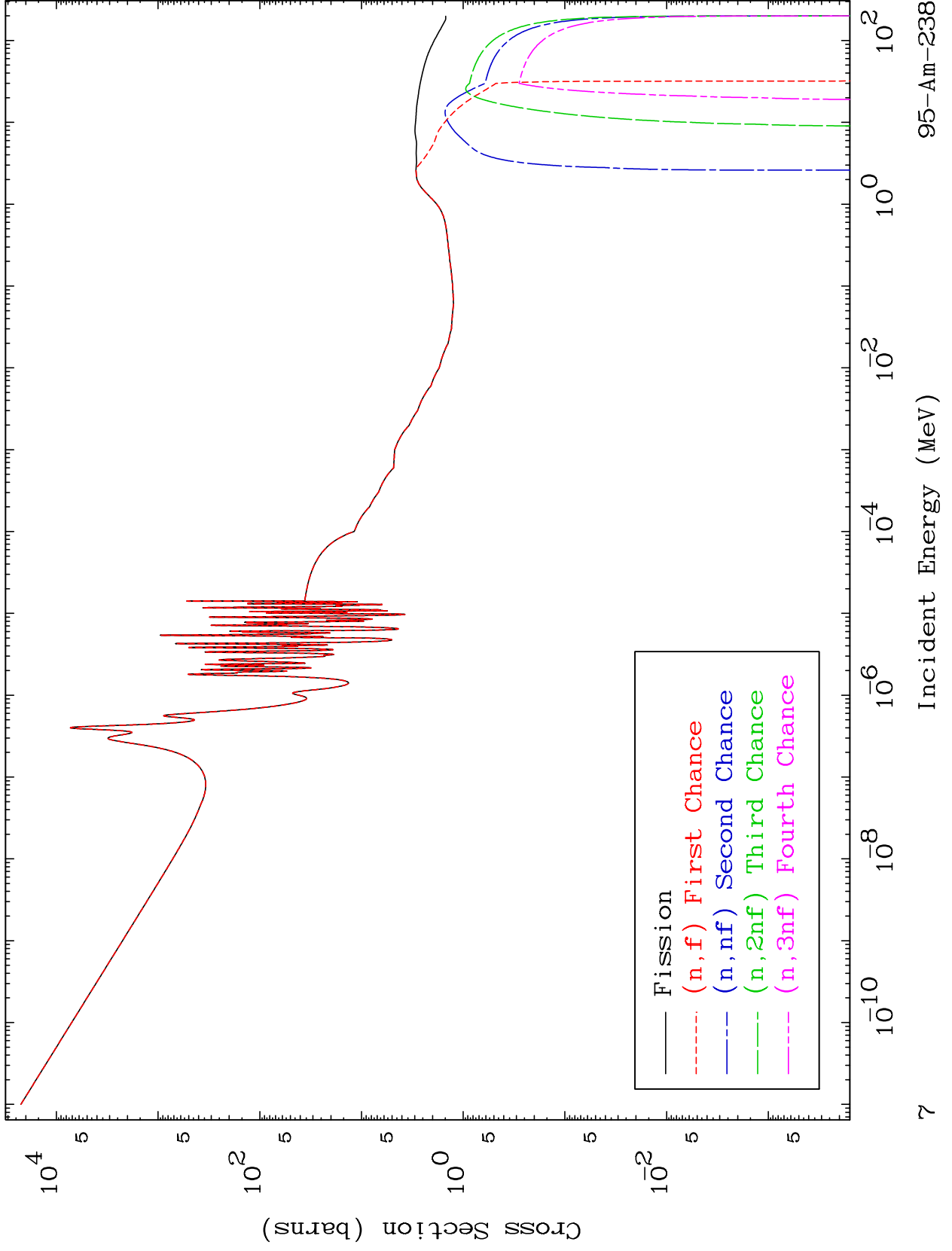
95-Am-238



MAT 9534

Fission  
293 Kelvin Cross Sections

95-Am-238



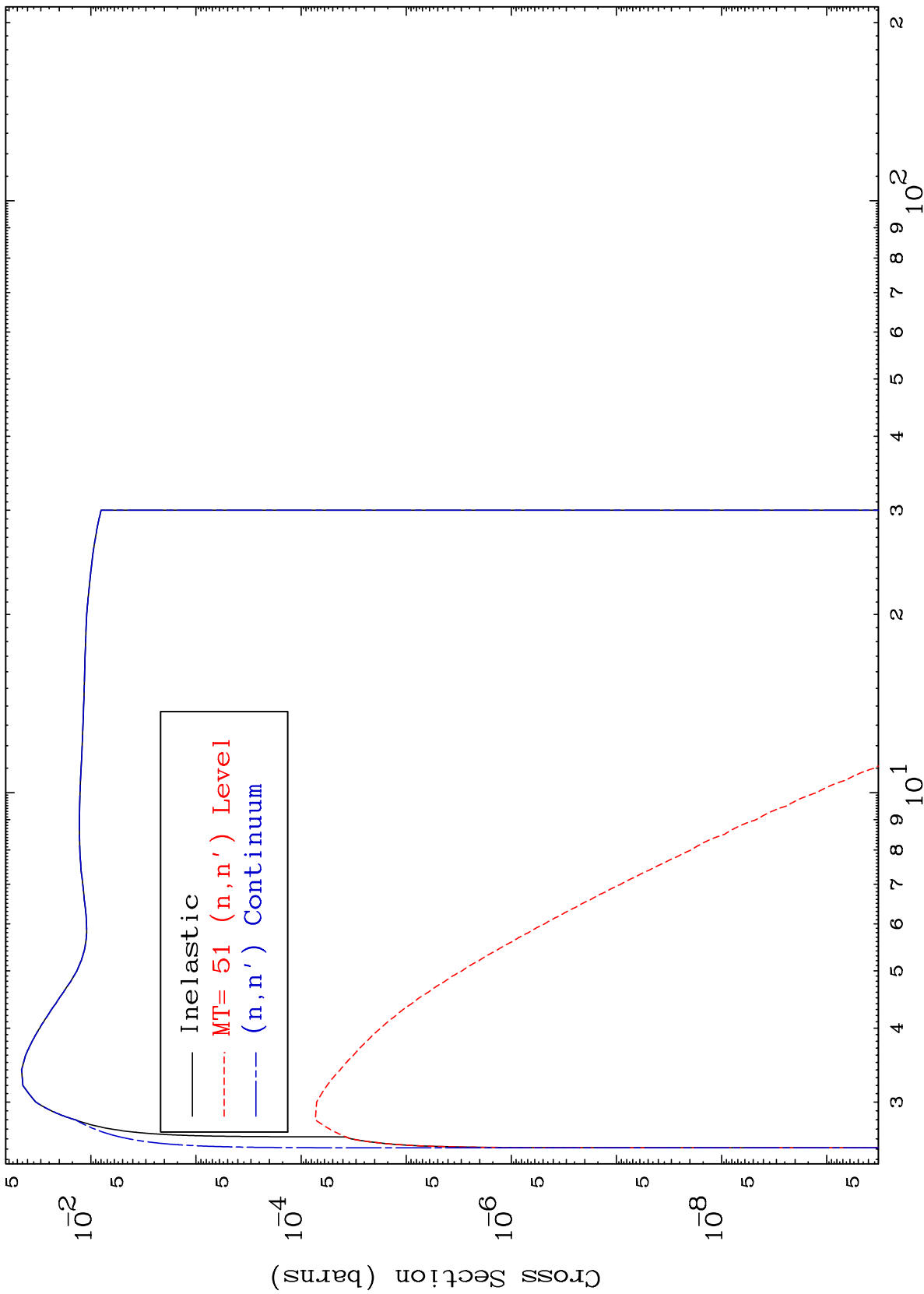


MAT 9534

(n,n') Level

95-Am-238

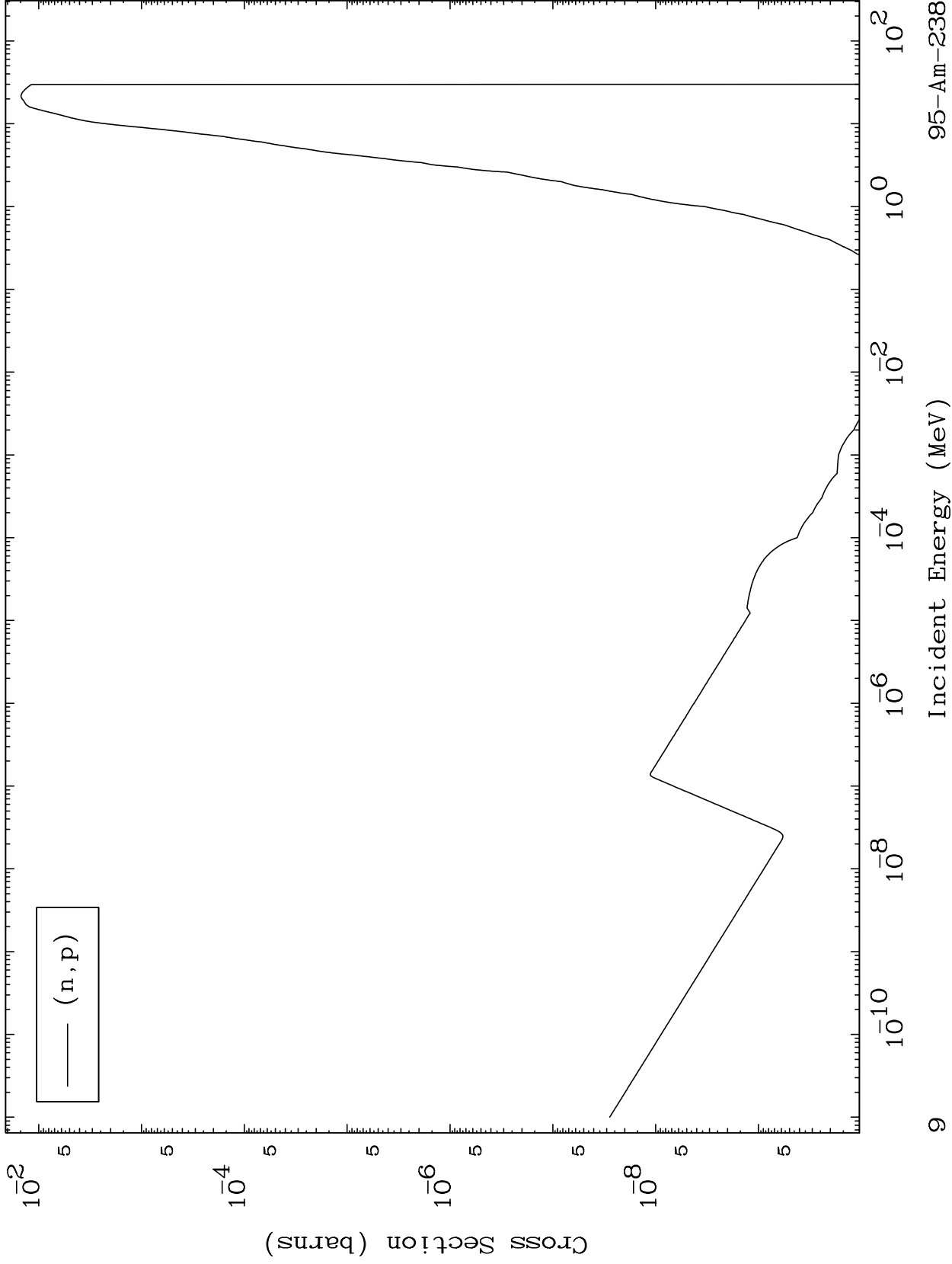
293 Kelvin Cross Sections



MAT 9534

(n,p) Levels  
293 Kelvin Cross Sections

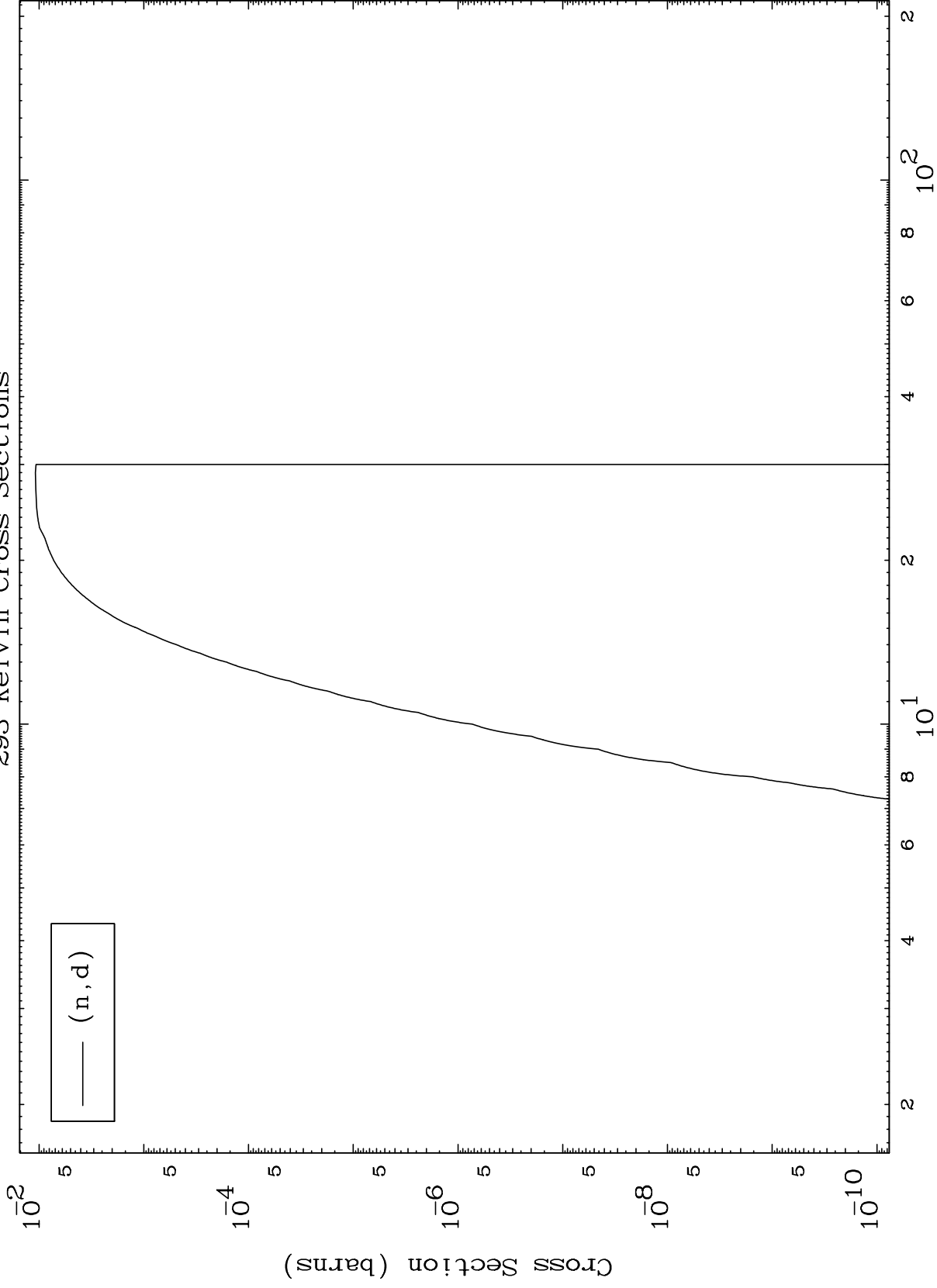
95-Am-238



MAT 9534

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-238



10

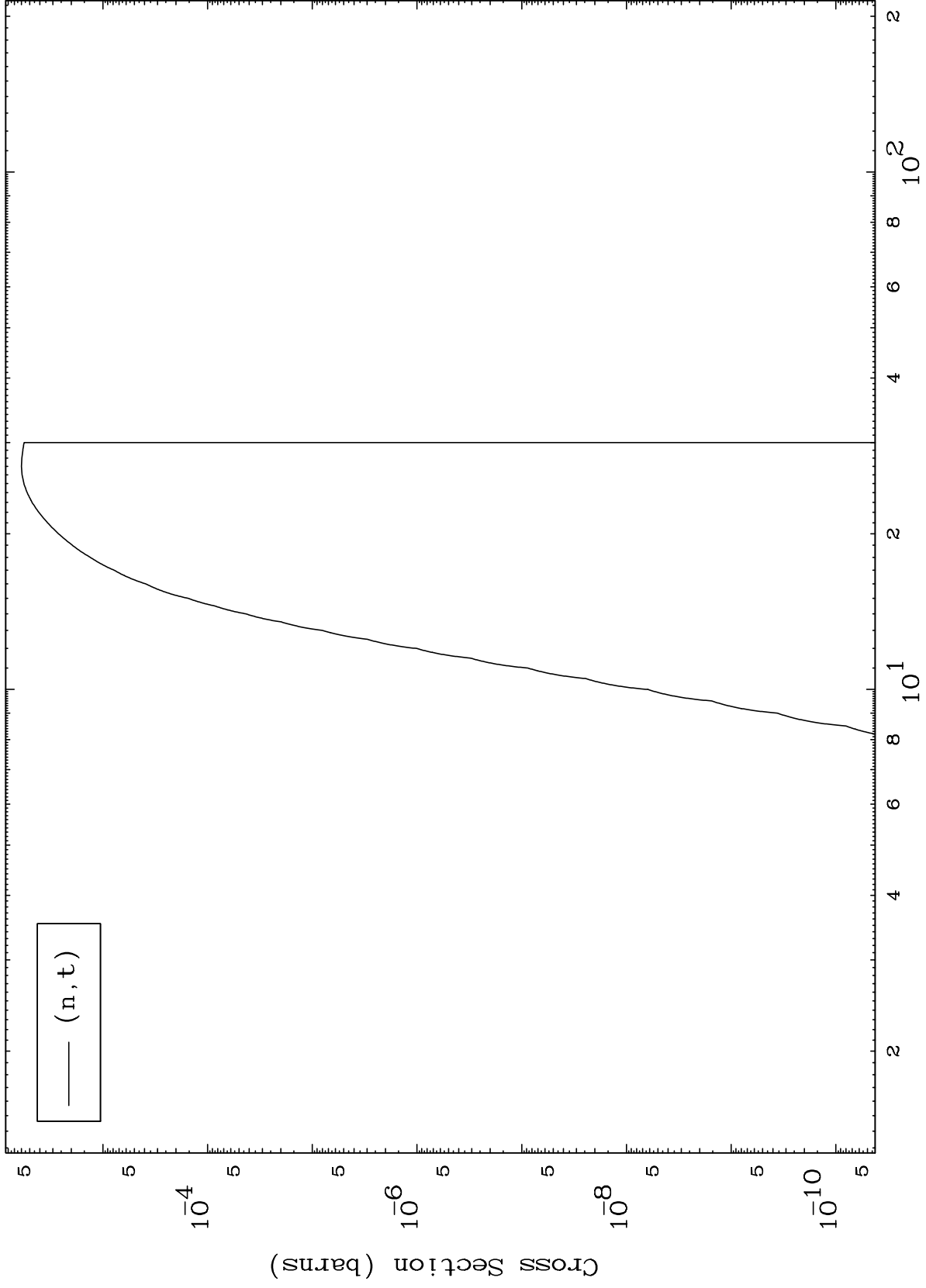
Incident Energy (MeV)

95-Am-238

MAT 9534

(n,t) Levels  
293 Kelvin Cross Sections

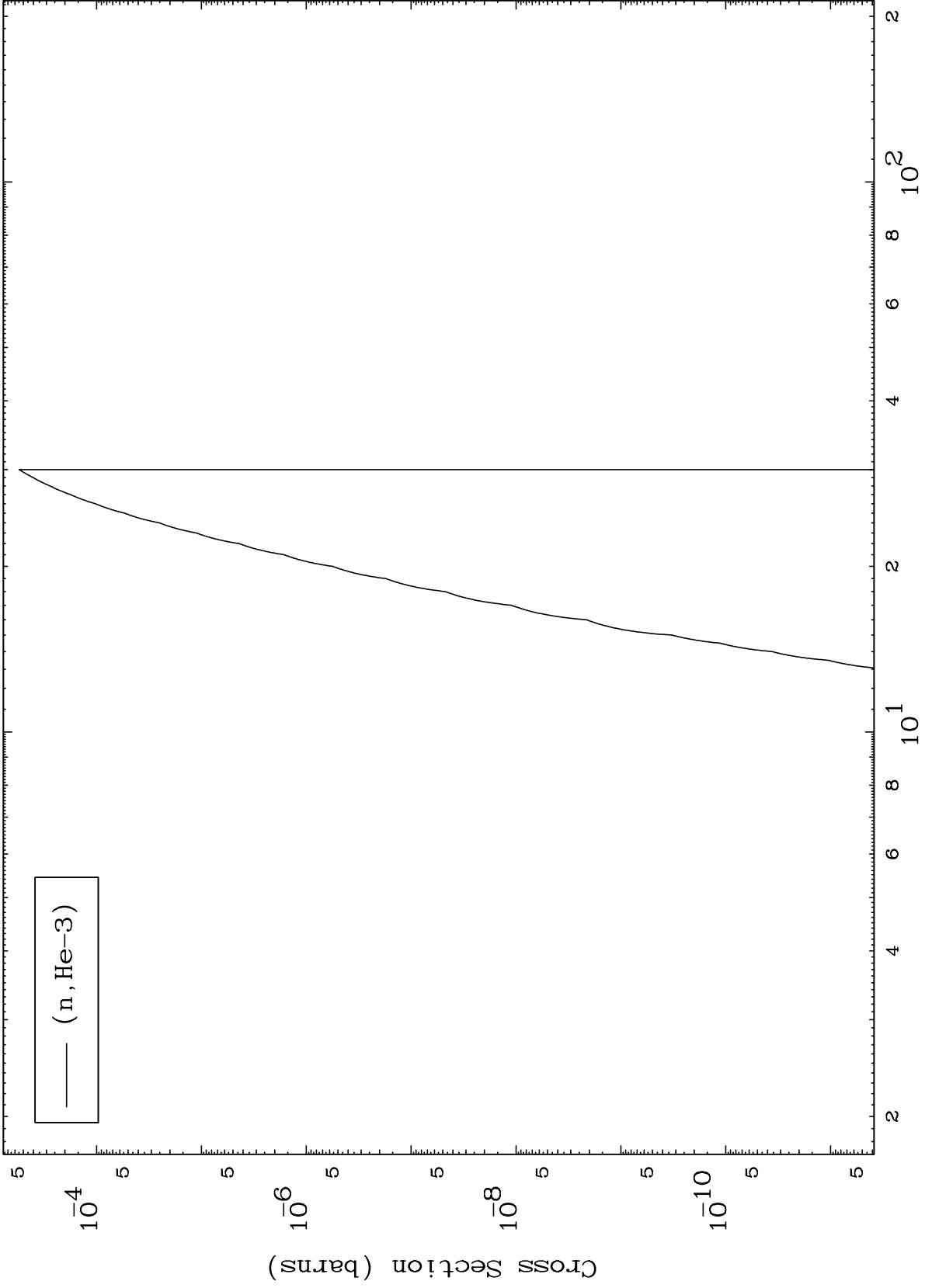
95-Am-238



MAT 9534

(n,He3) Levels  
293 Kelvin Cross Sections

95-Am-238



12

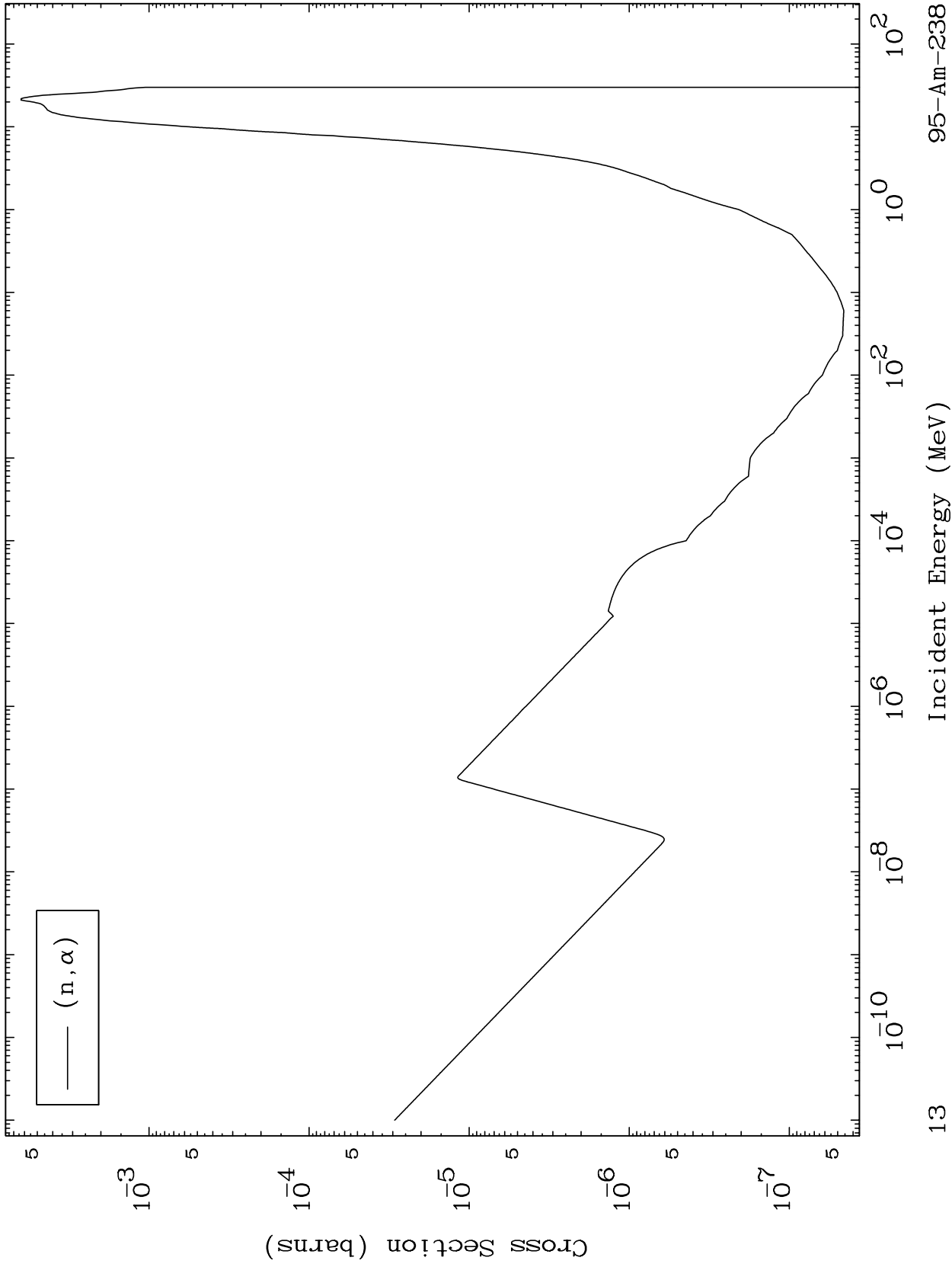
Incident Energy (MeV)

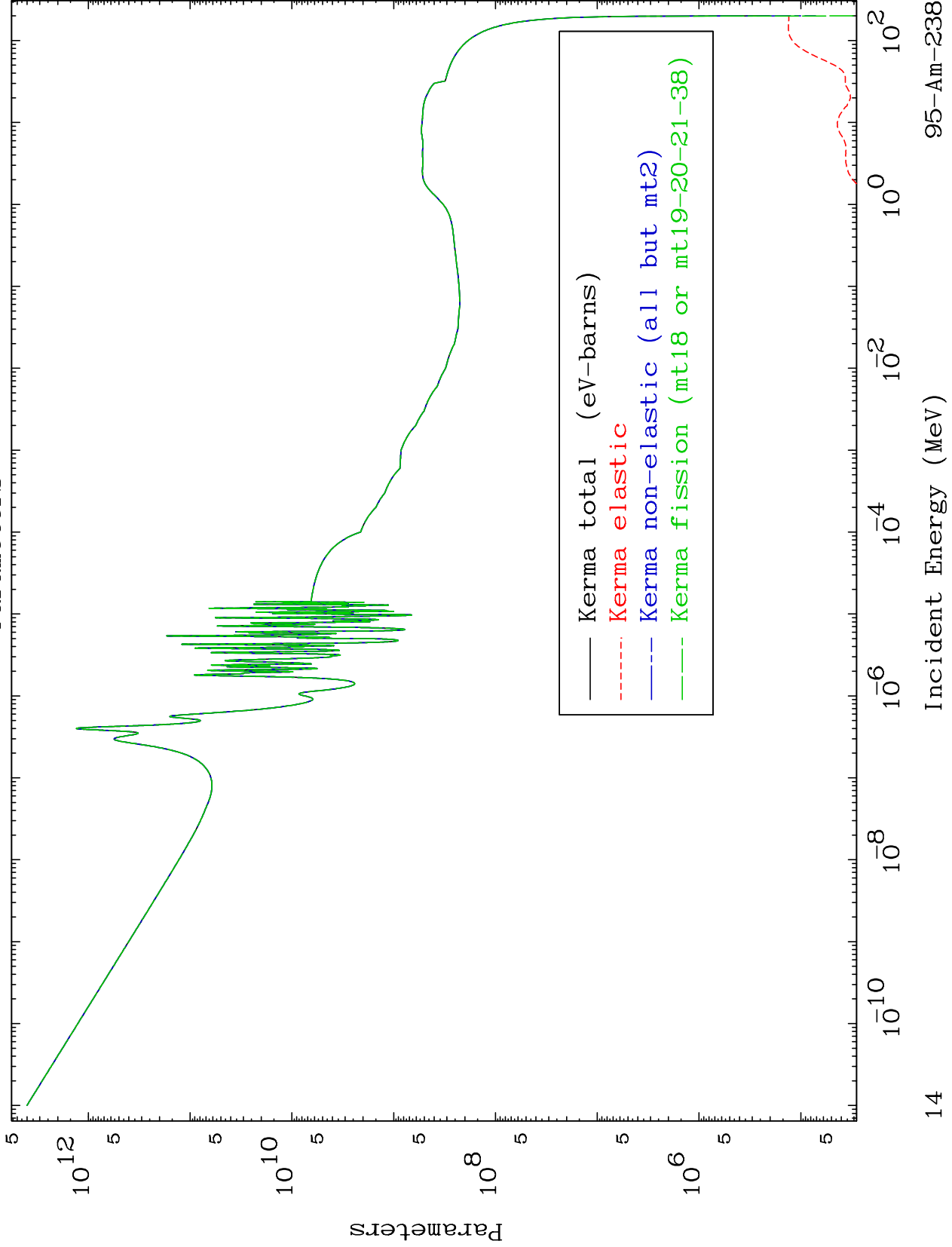
95-Am-238

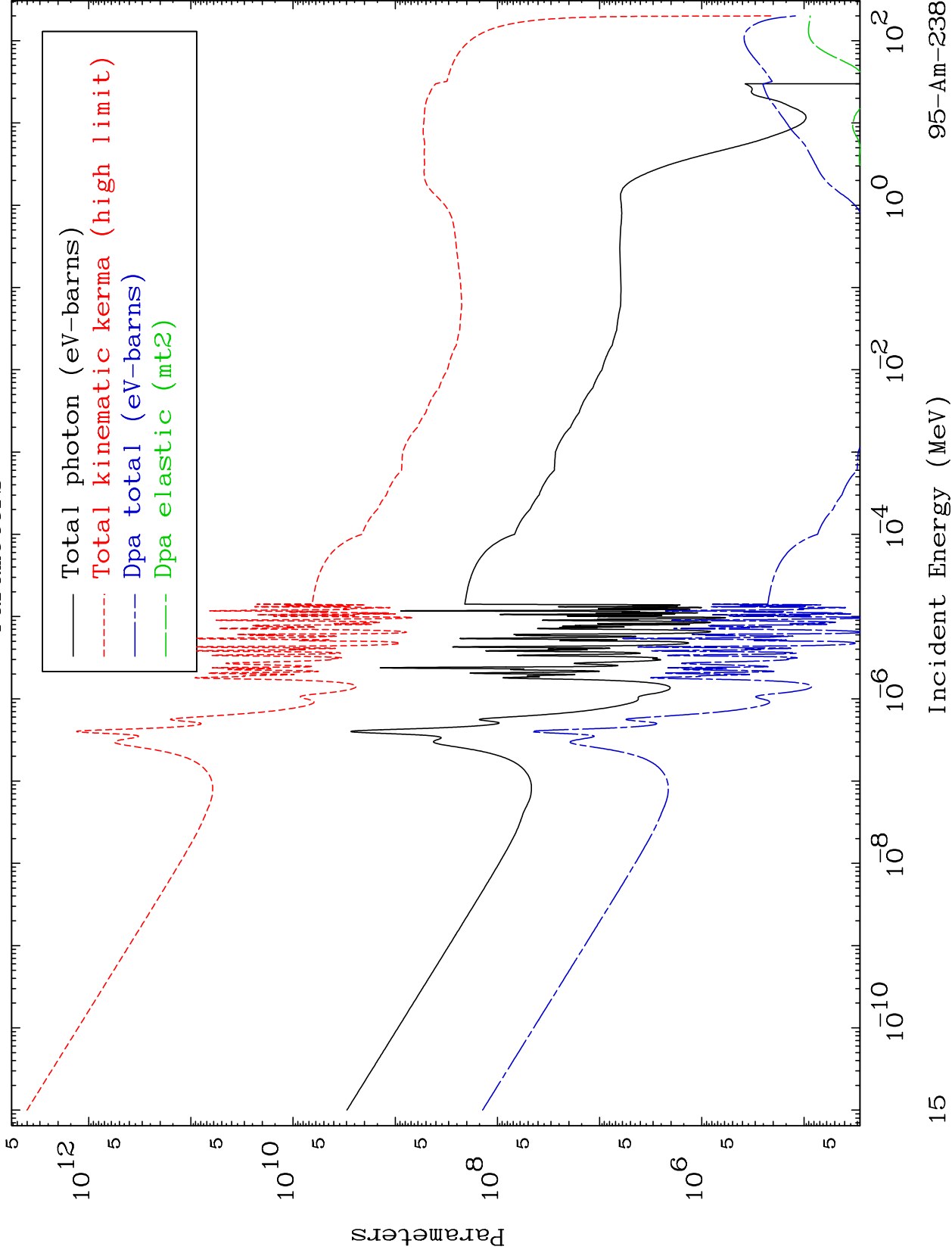
MAT 9534

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

95-Am-238





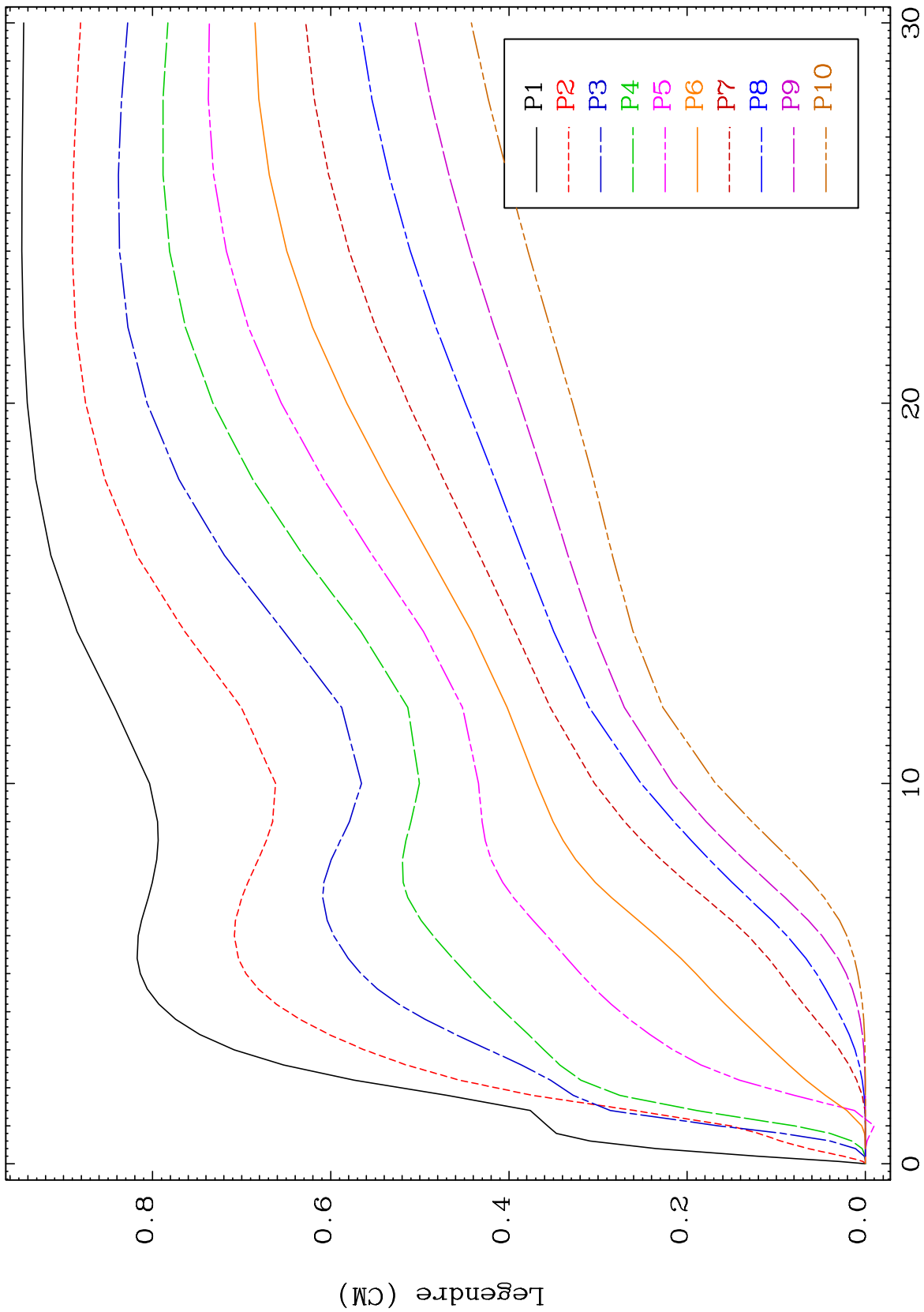




MAT 9534

95-Am-238

Elastic Legendre Coefficients



95-Am-238

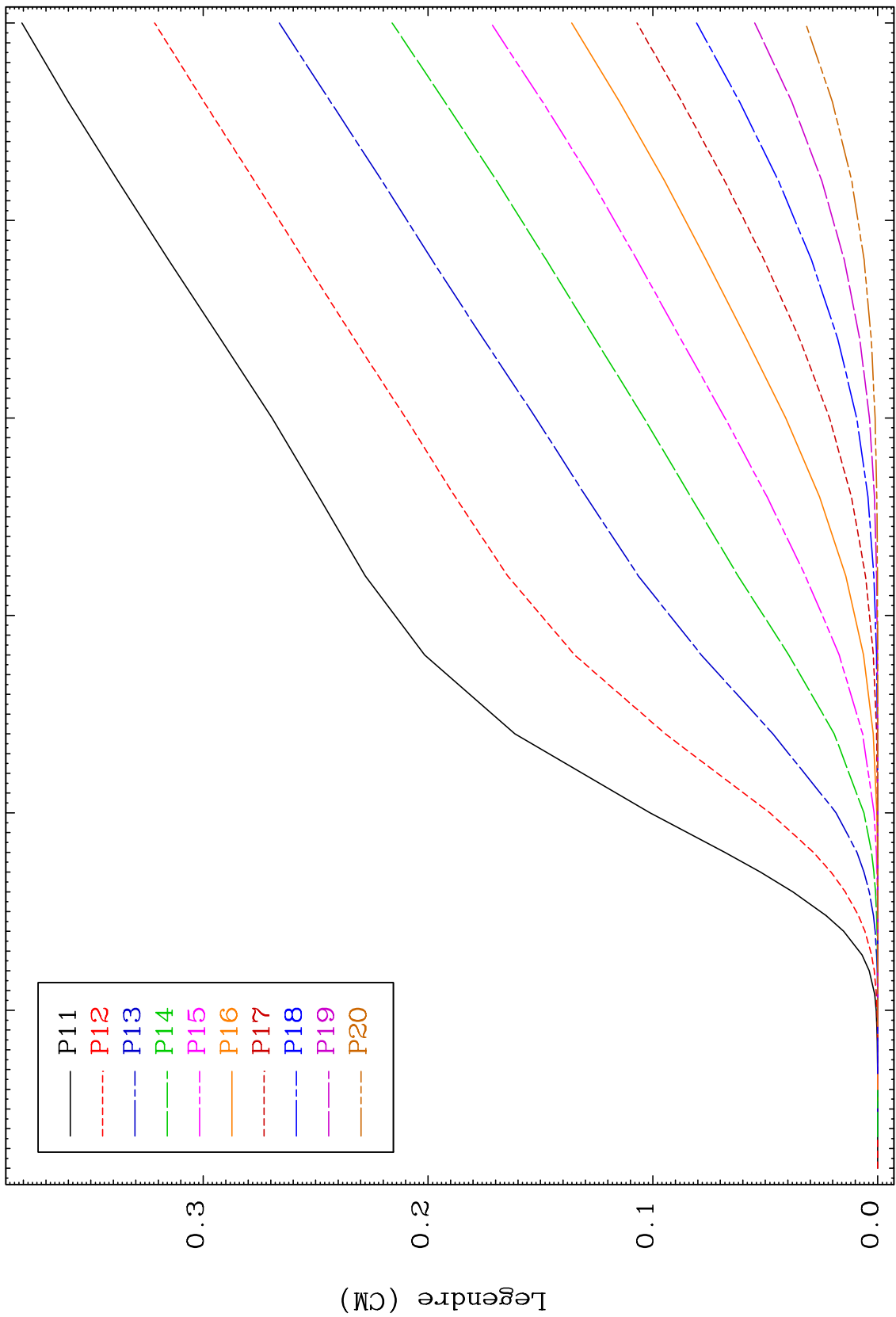
Incident Energy (MeV)

16

MAT 9534

Elastic Legendre Coefficients

95-Am-238



17

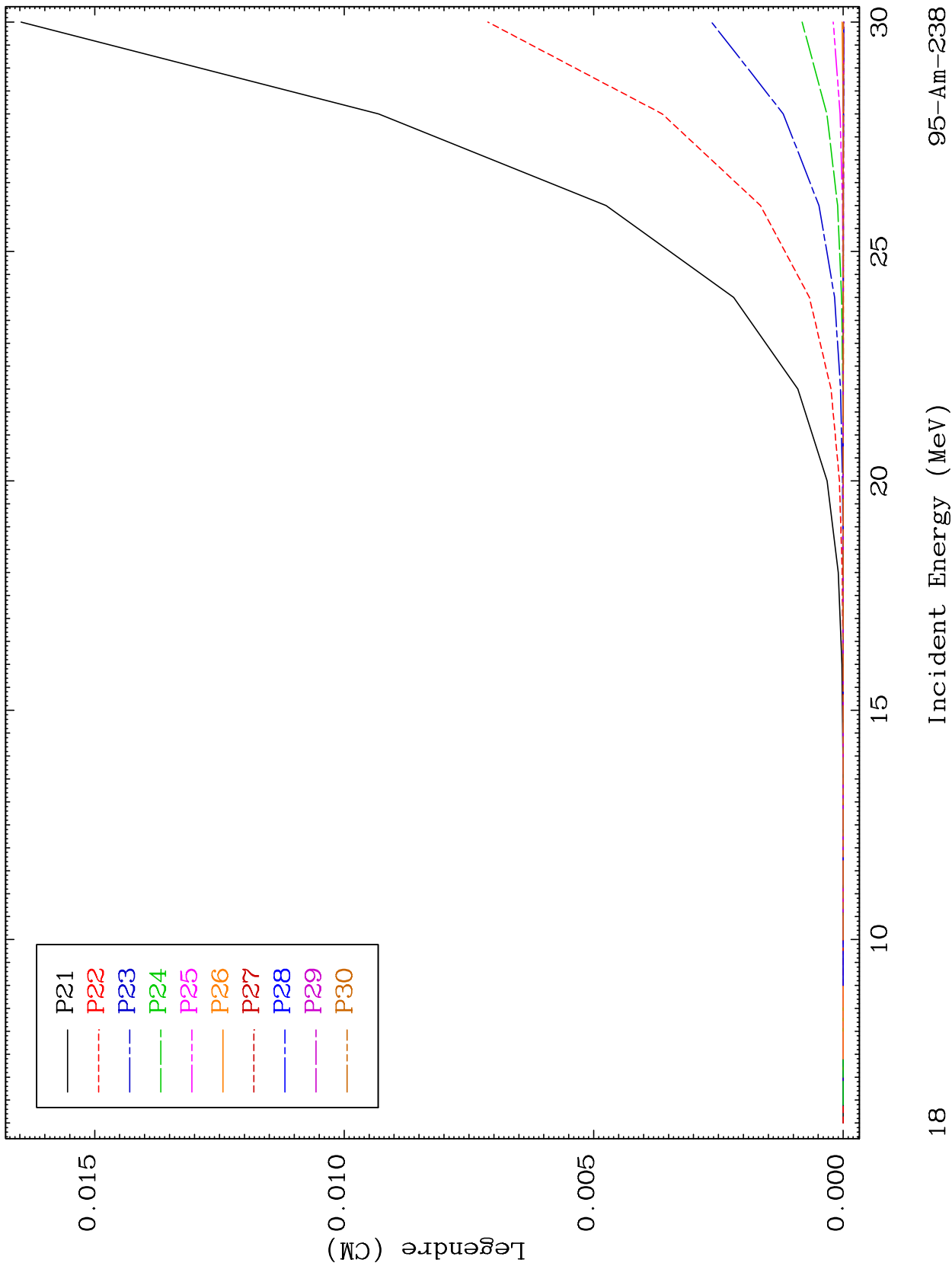
Incident Energy (MeV)

95-Am-238

MAT 9534

### Elastic Legendre Coefficients

95-Am-238



18

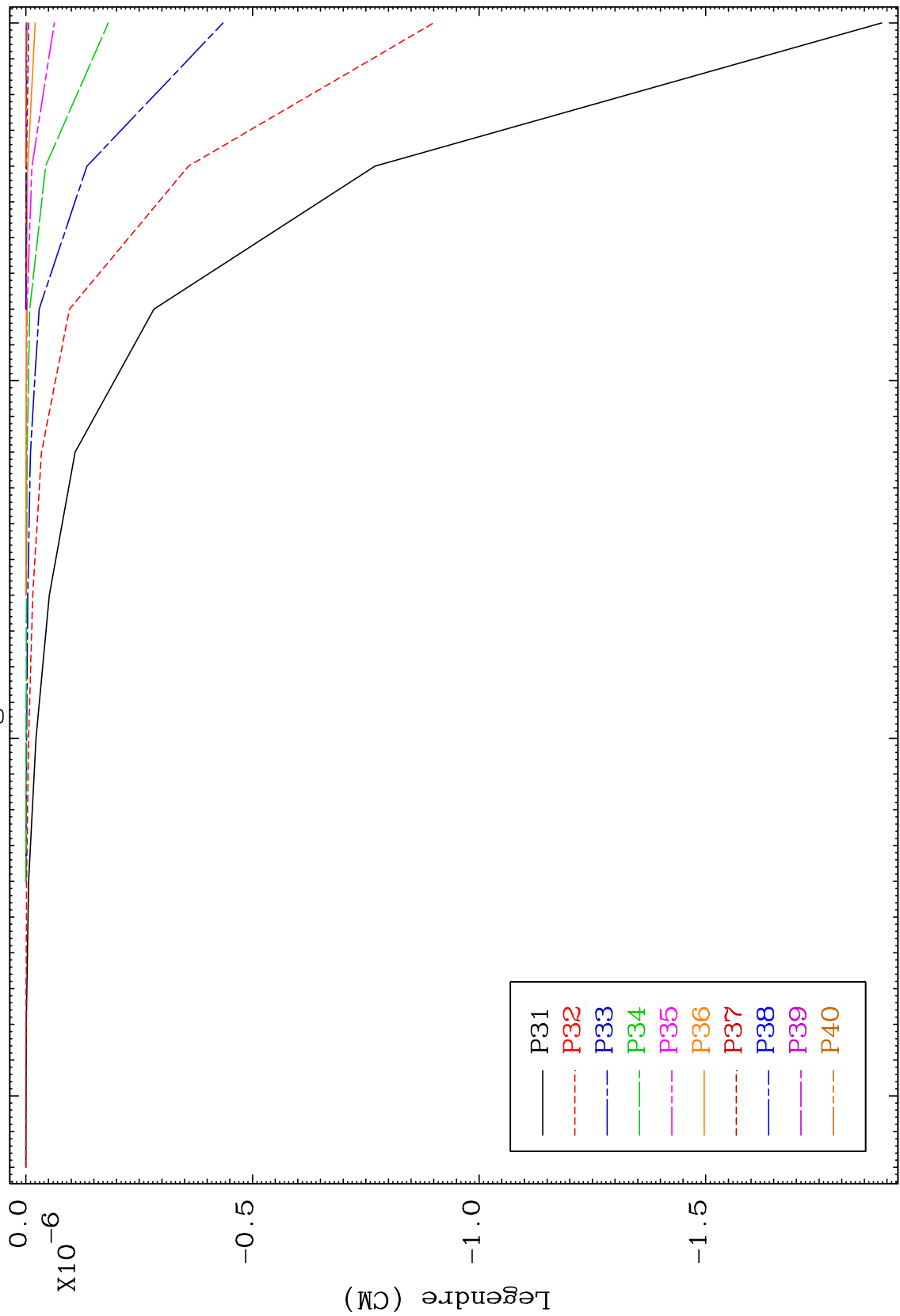
Incident Energy (MeV)

95-Am-238

MAT 9534

95-Am-238

Elastic Legendre Coefficients



19

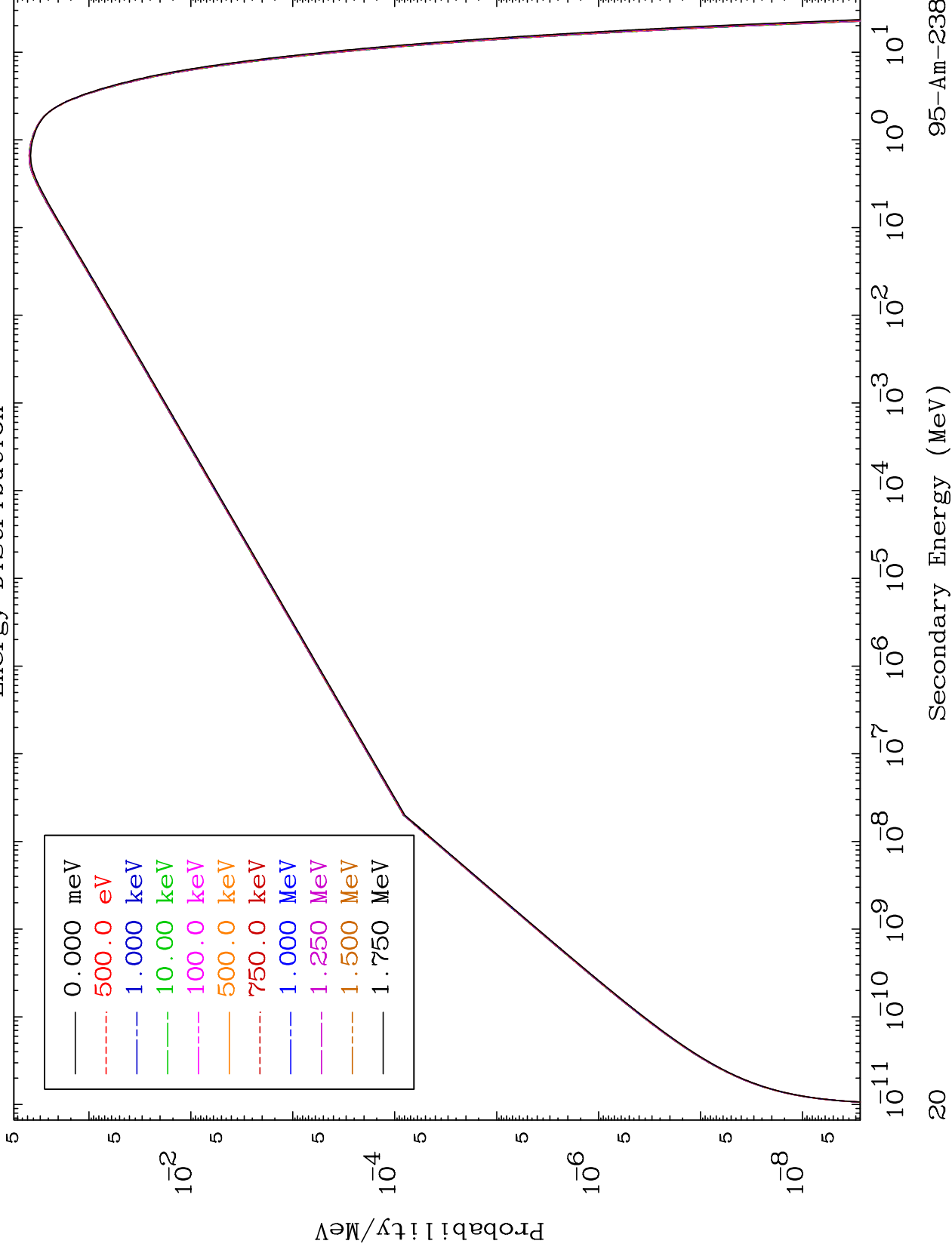
Incident Energy (MeV)

95-Am-238

MAT 9534

### Fission Energy Distribution

95-Am-238



95-Am-238

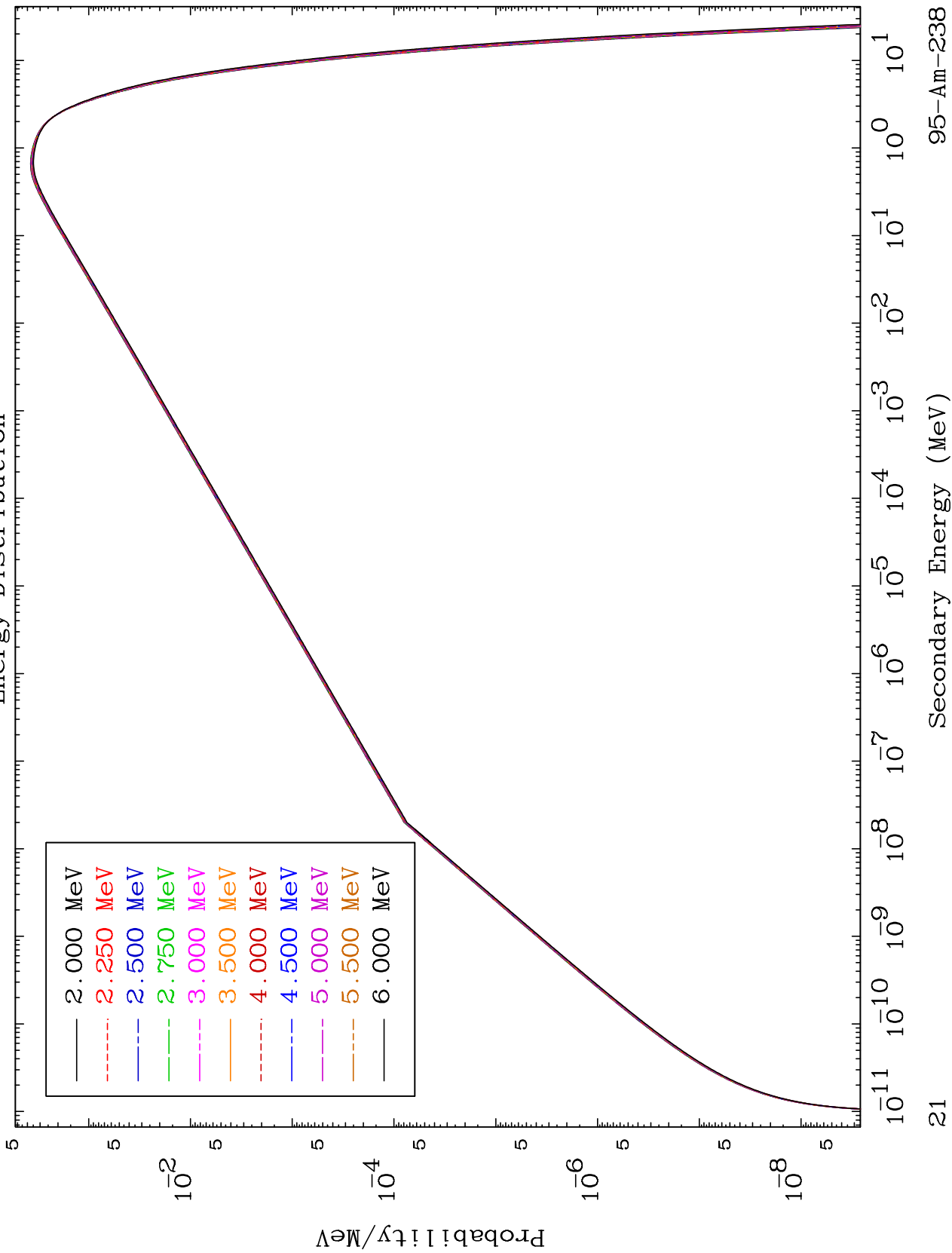
Secondary Energy (MeV)

20

MAT 9534

### Fission Energy Distribution

95-Am-238

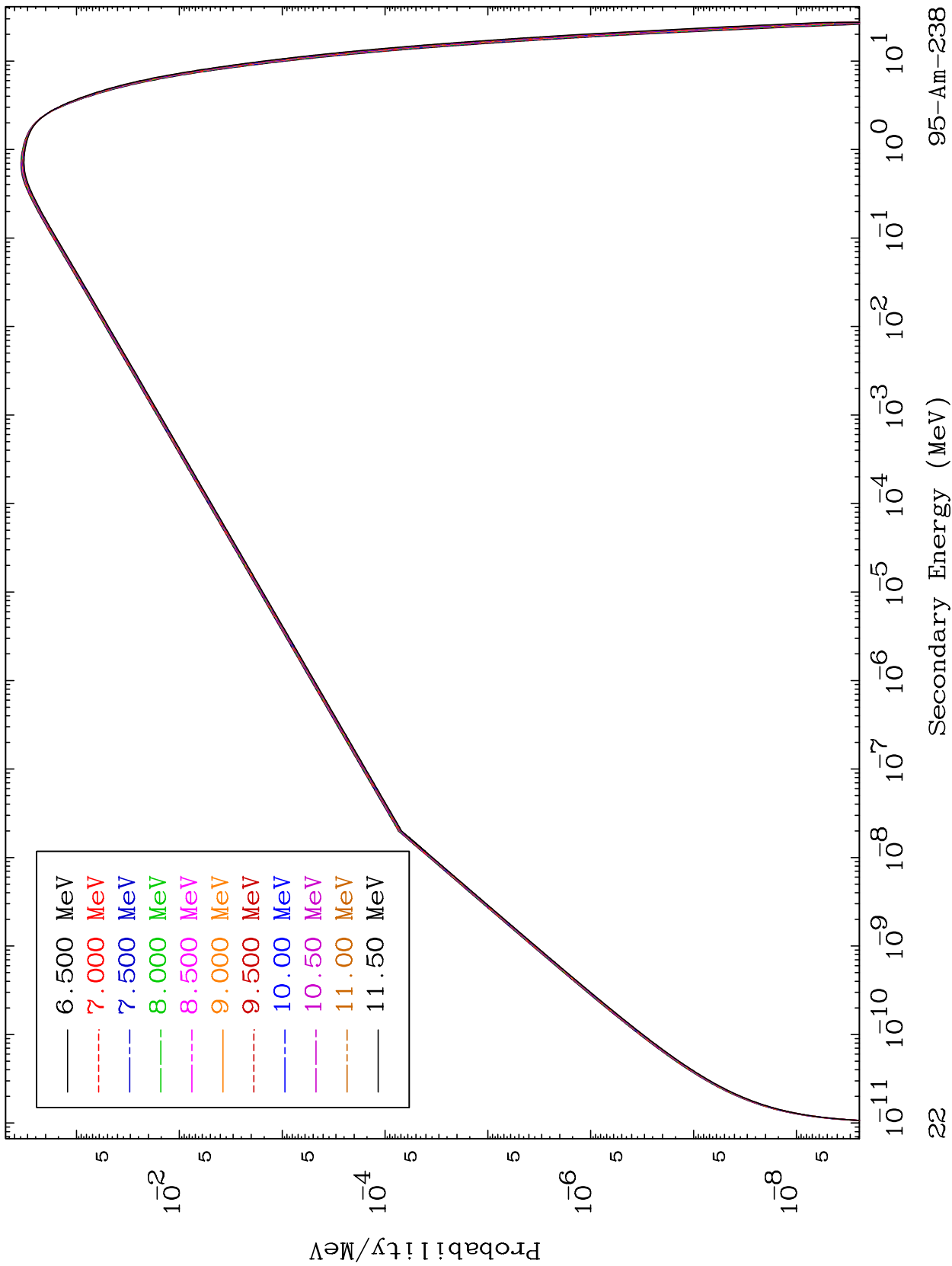


95-Am-238

MAT 9534

### Fission Energy Distribution

95-Am-238



95-Am-238

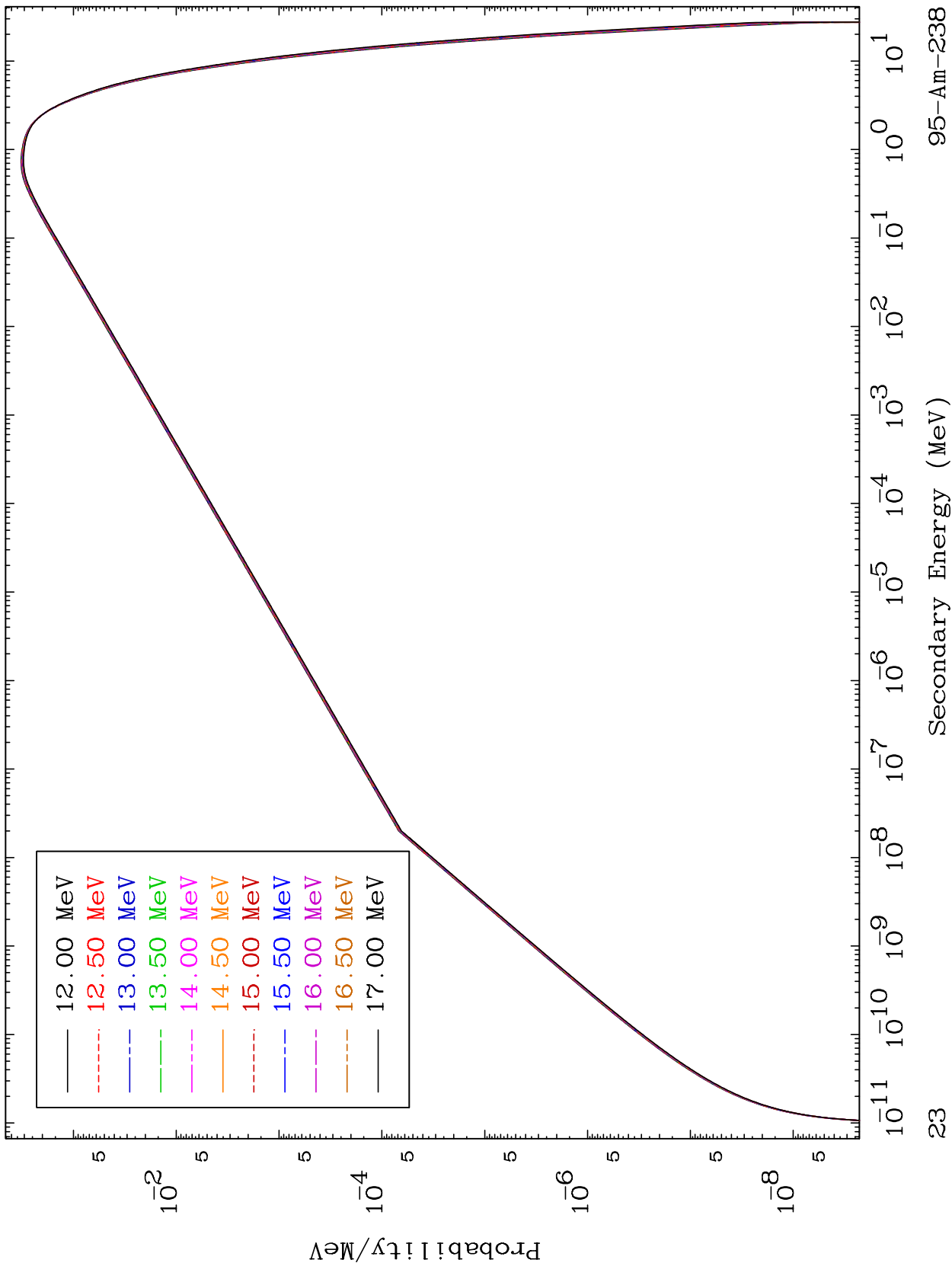
Secondary Energy (MeV)

22

MAT 9534

### Fission Energy Distribution

95-Am-238

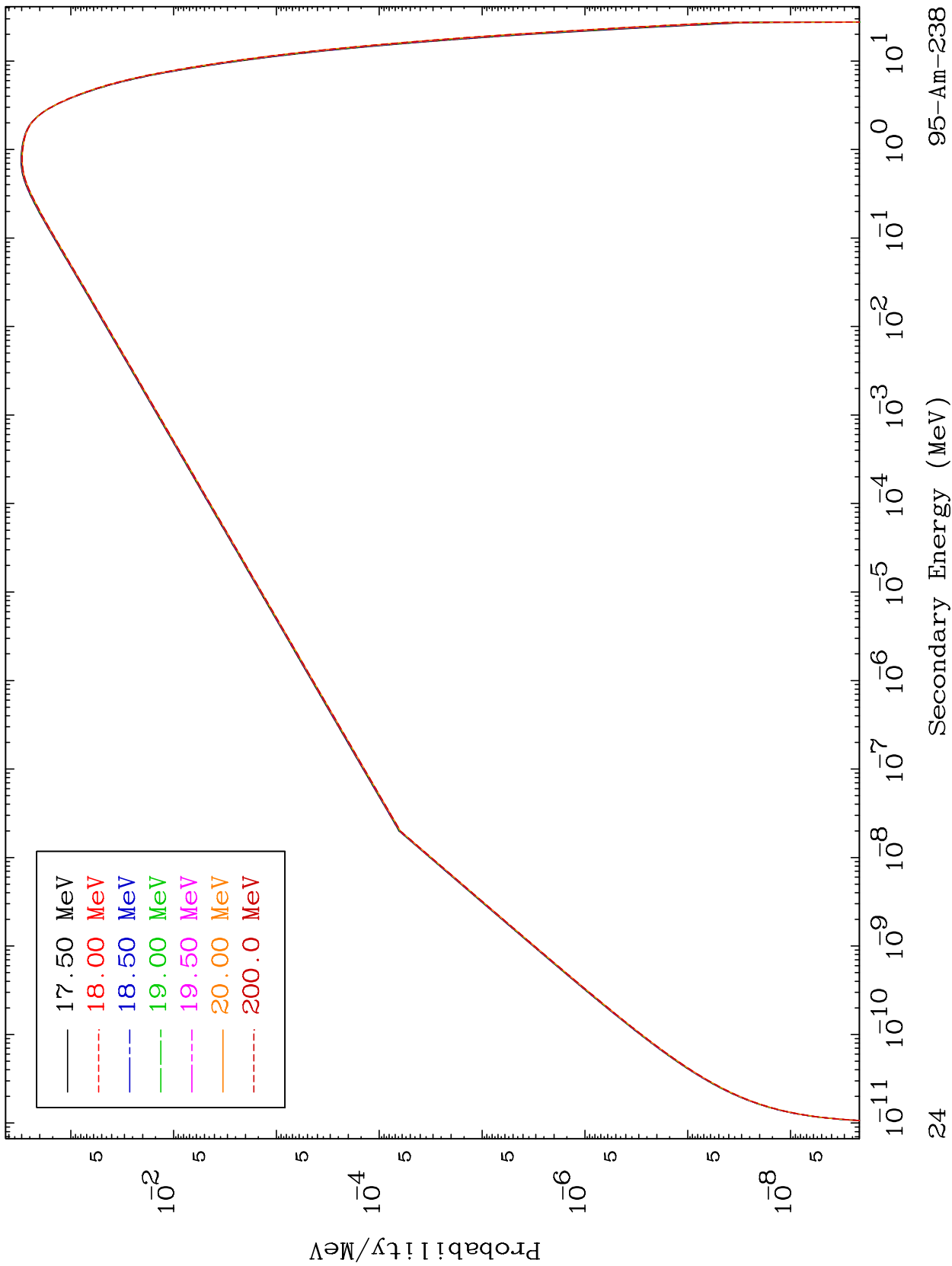




MAT 9534

### Fission Energy Distribution

95-Am-238



95-Am-238

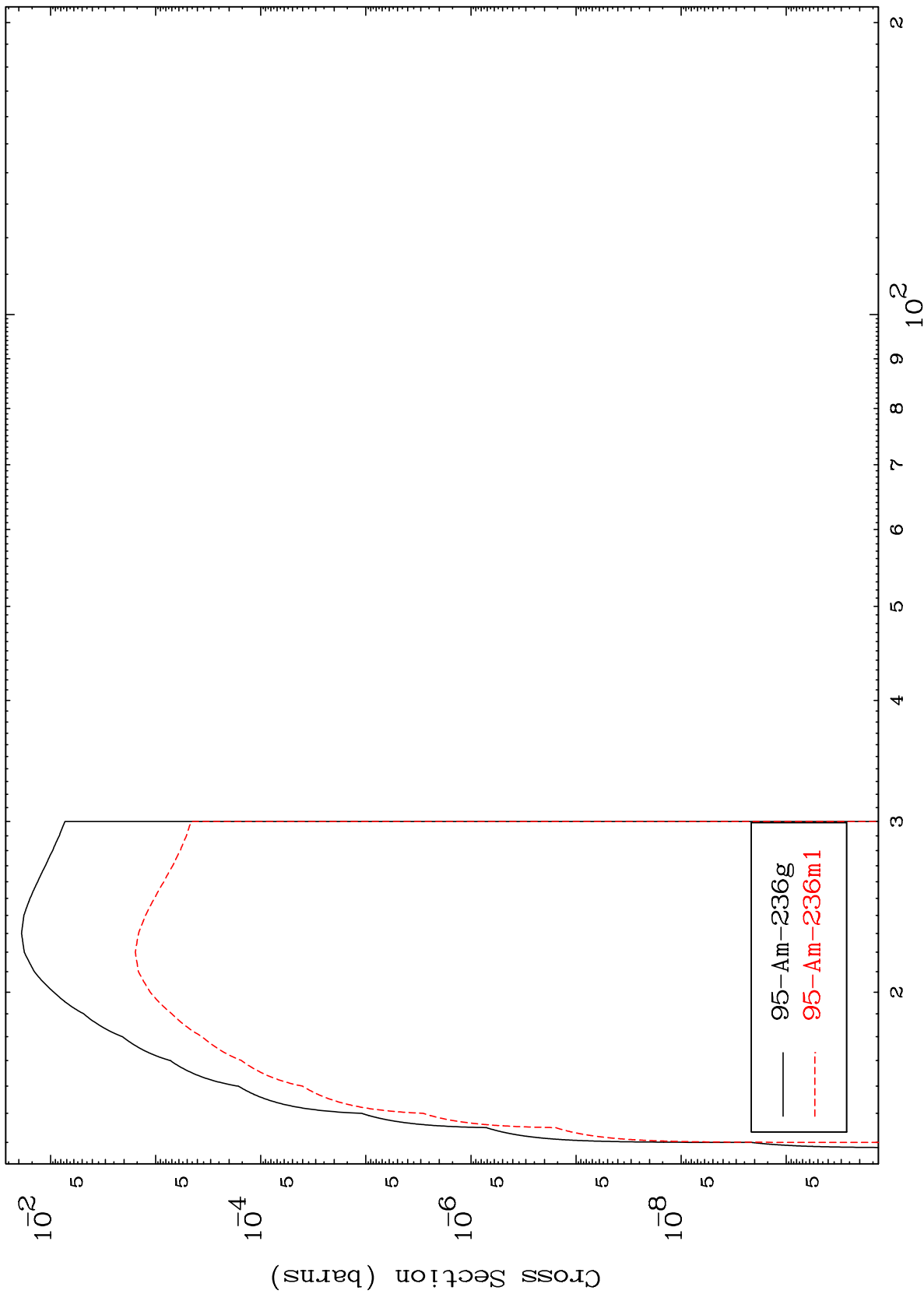
Secondary Energy (MeV)

24

MAT 9534

95-Am-238

(n,3n)  
Radionuclide Production Cross Section



95-Am-238

Incident Energy (MeV)

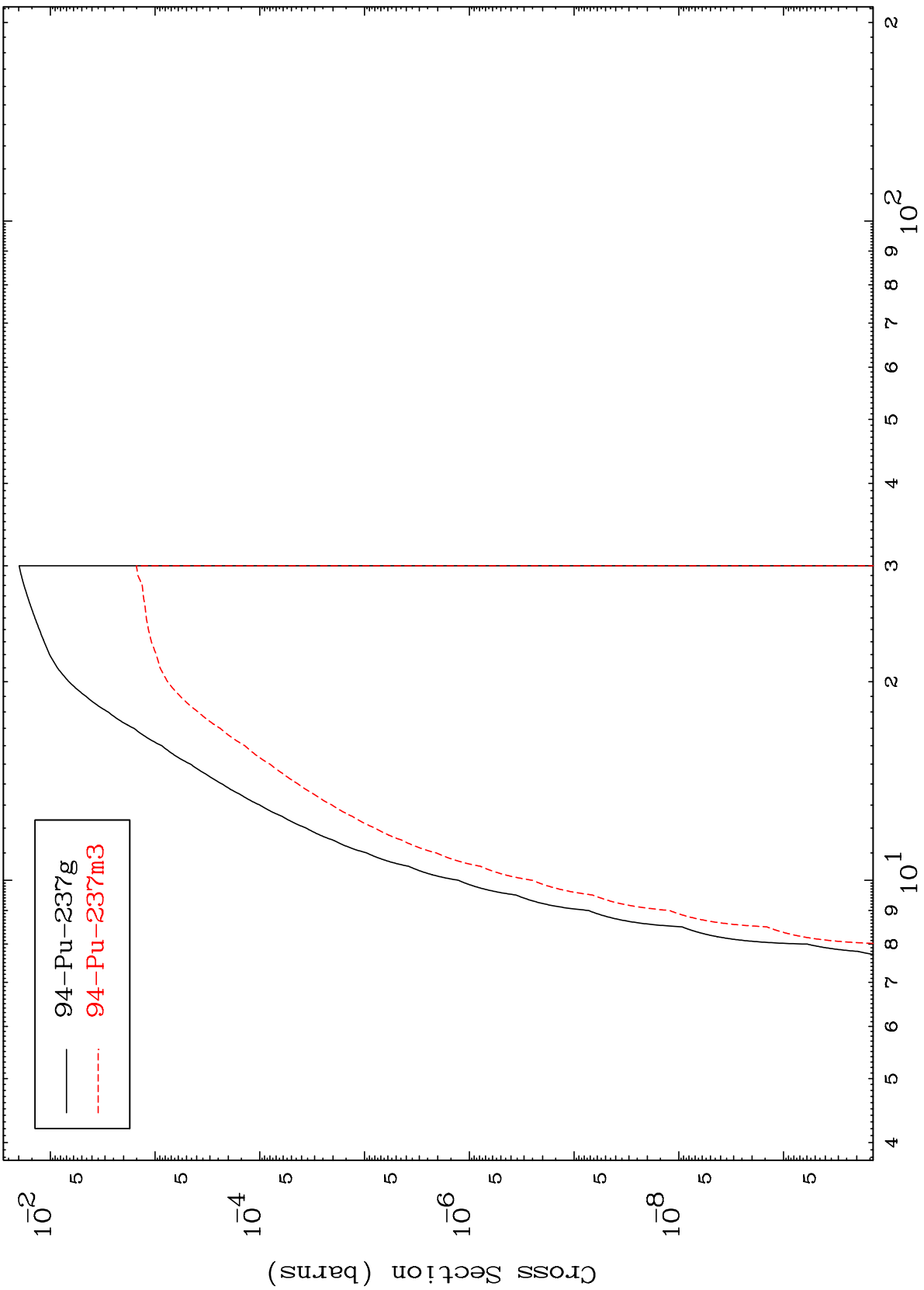
25

MAT 9534

(n,n') p

95-Am-238

Radionuclide Production Cross Section



26

Incident Energy (MeV)

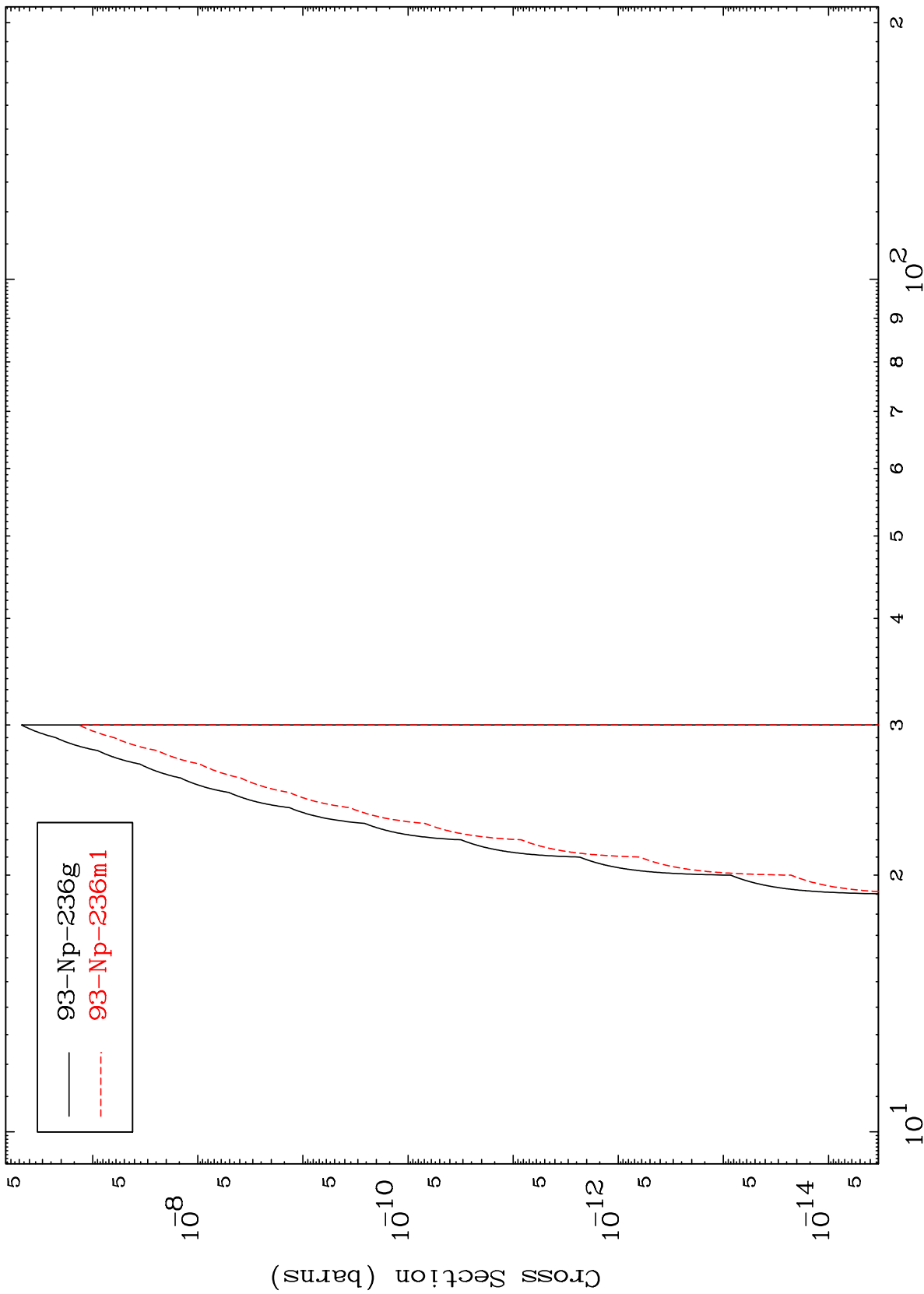
95-Am-238

MAT 9534

(n,2n) p

95-Am-238

Radionuclide Production Cross Section



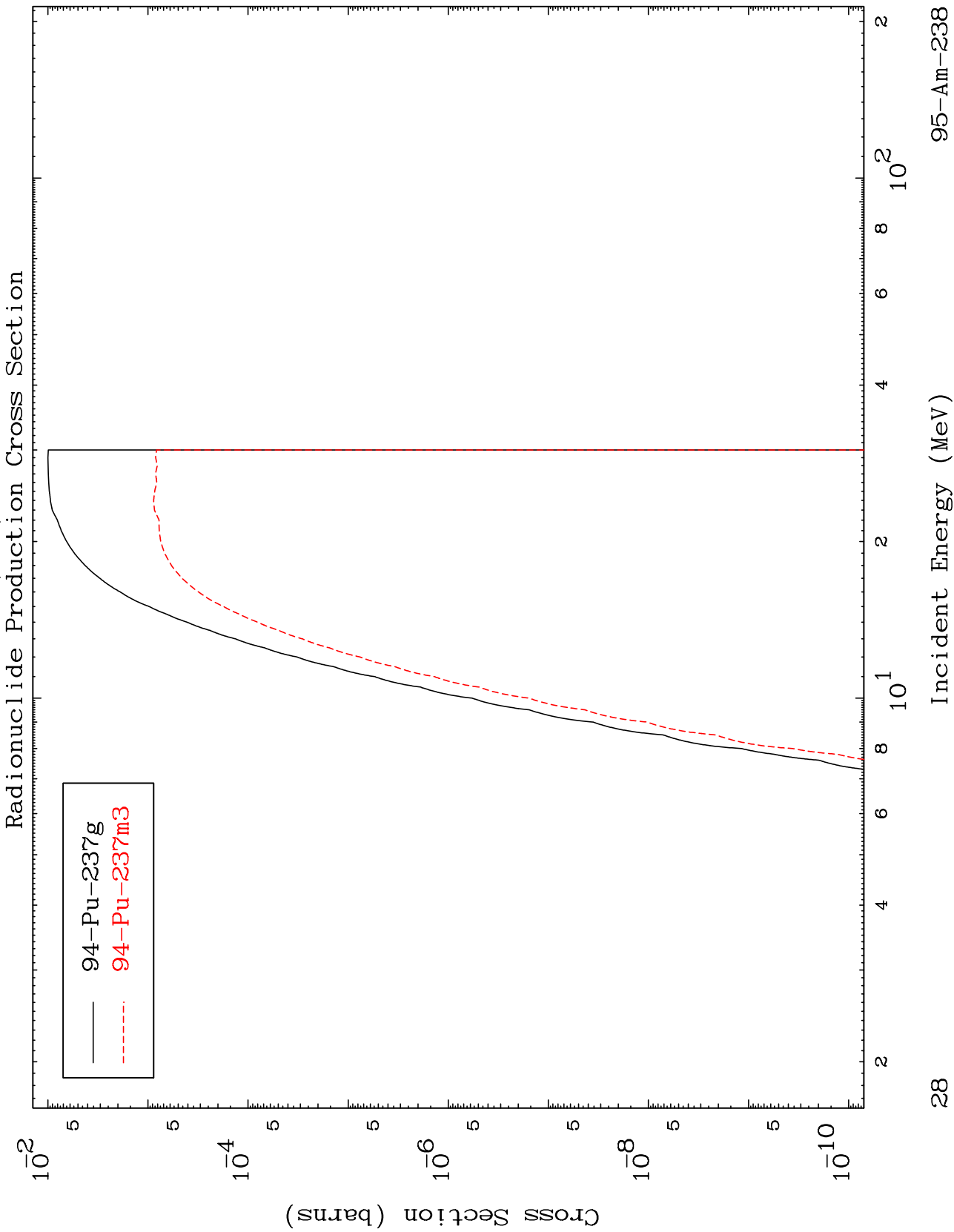
27

Incident Energy (MeV)

95-Am-238

MAT 9534

95-Am-238



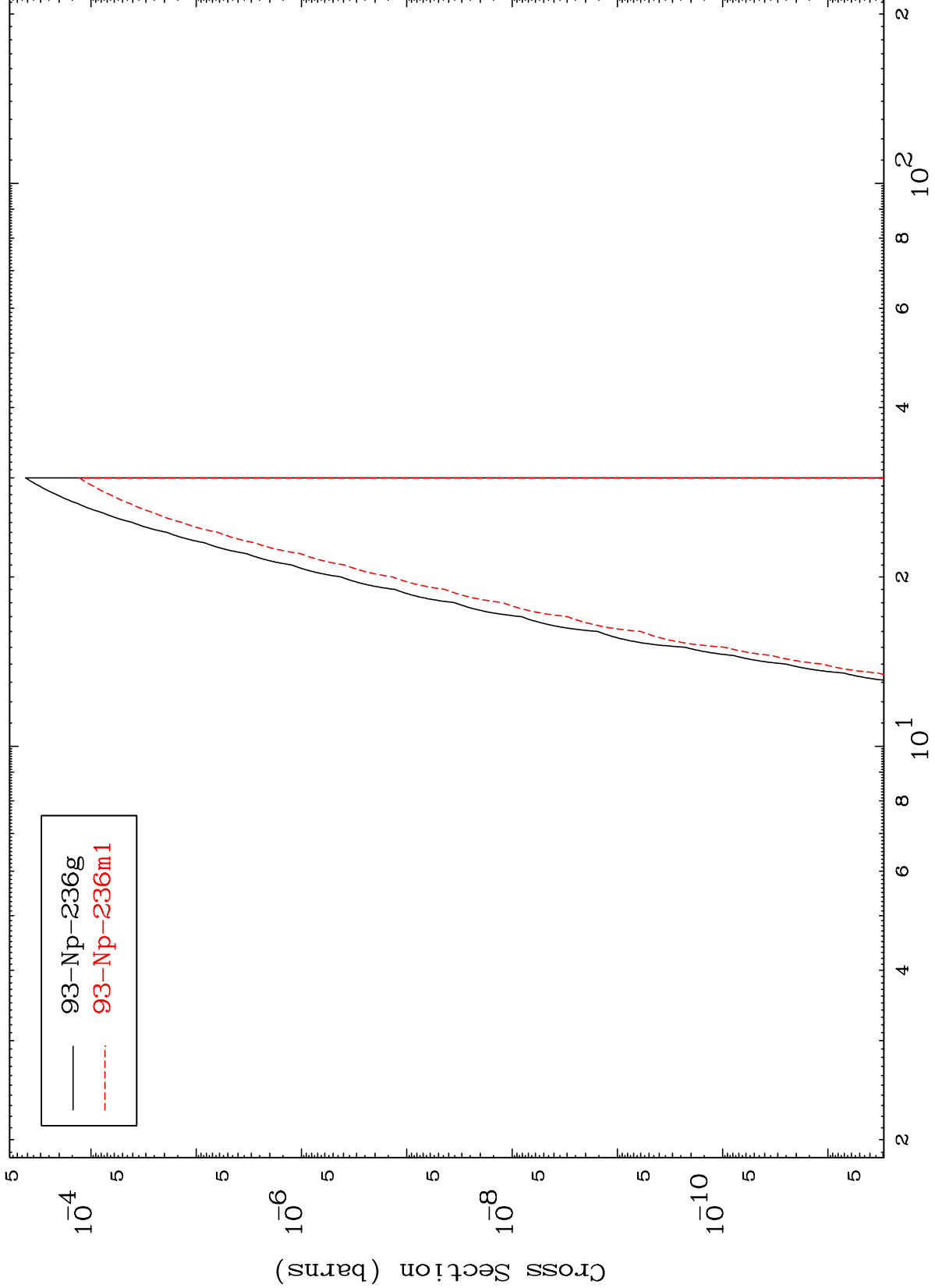
— 94-Pu-237g  
- - - 94-Pu-237m3

MAT 9534

(n,He-3)

95-Am-238

Radionuclide Production Cross Section



29

Incident Energy (MeV)

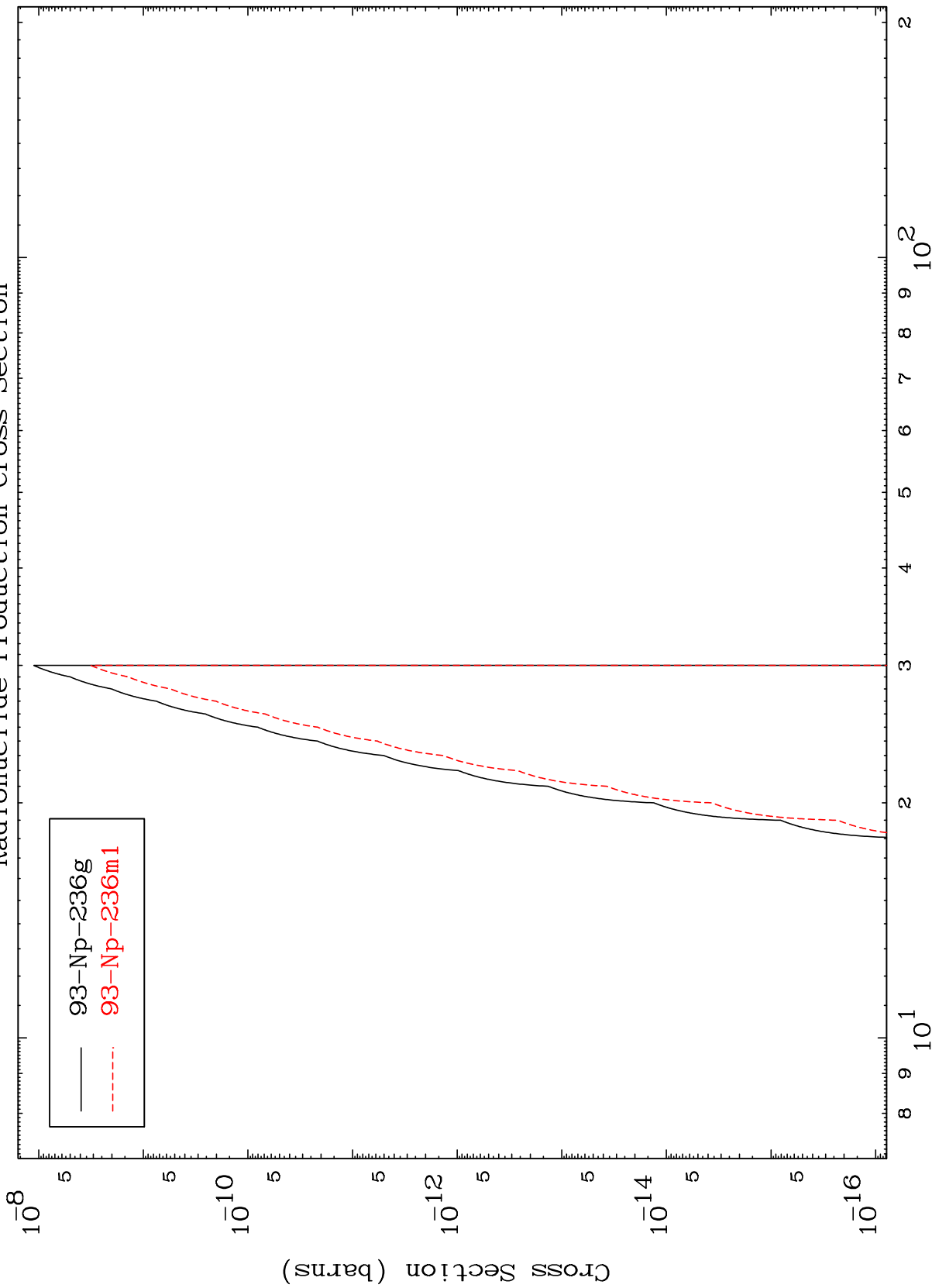
95-Am-238

MAT 9534

(n,p) d

95-Am-238

Radionuclide Production Cross Section



30

Incident Energy (MeV)

95-Am-238