

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

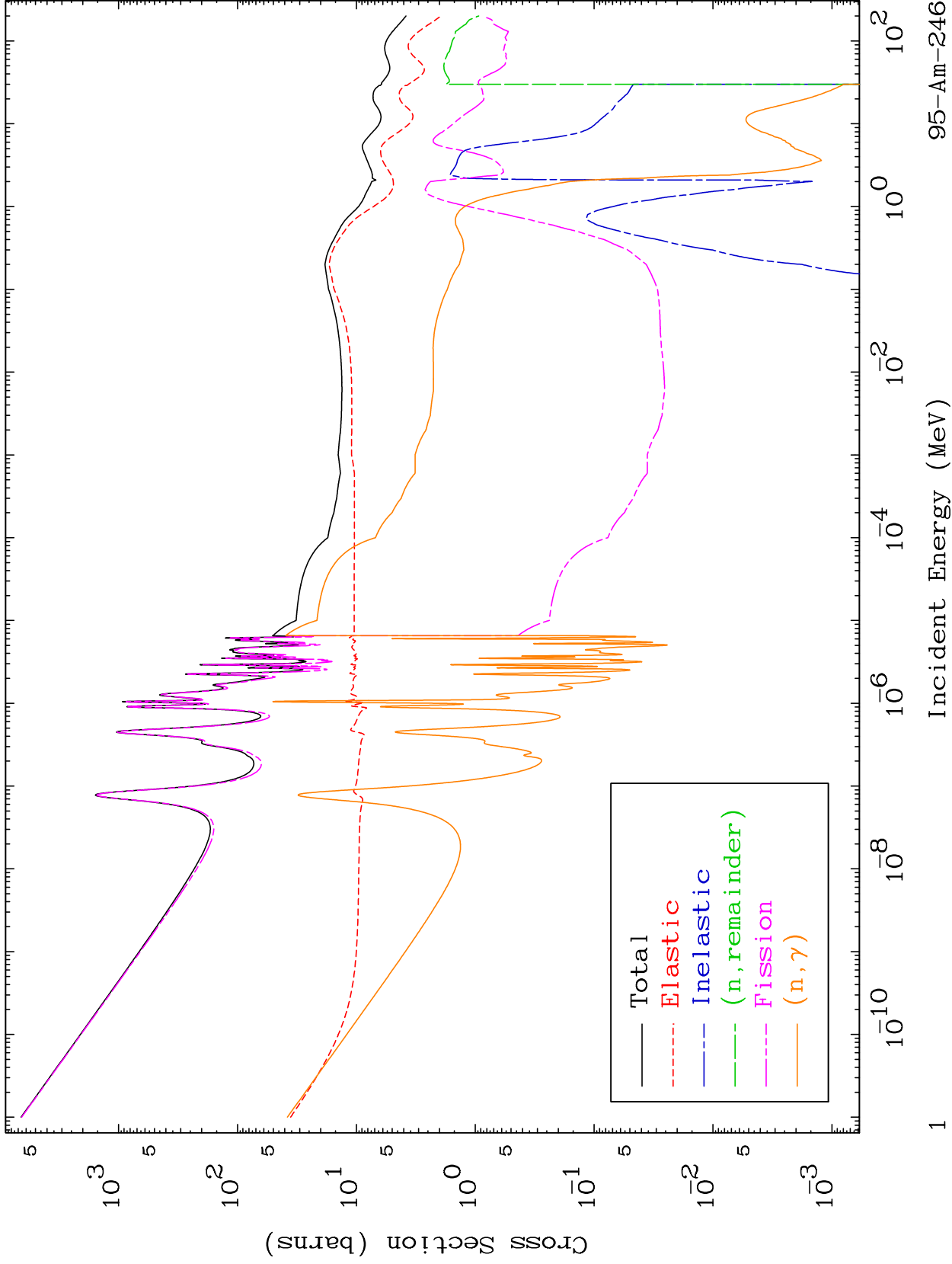
Press Mouse Button to Start

MAT 9558

Major

293 Kelvin Cross Sections

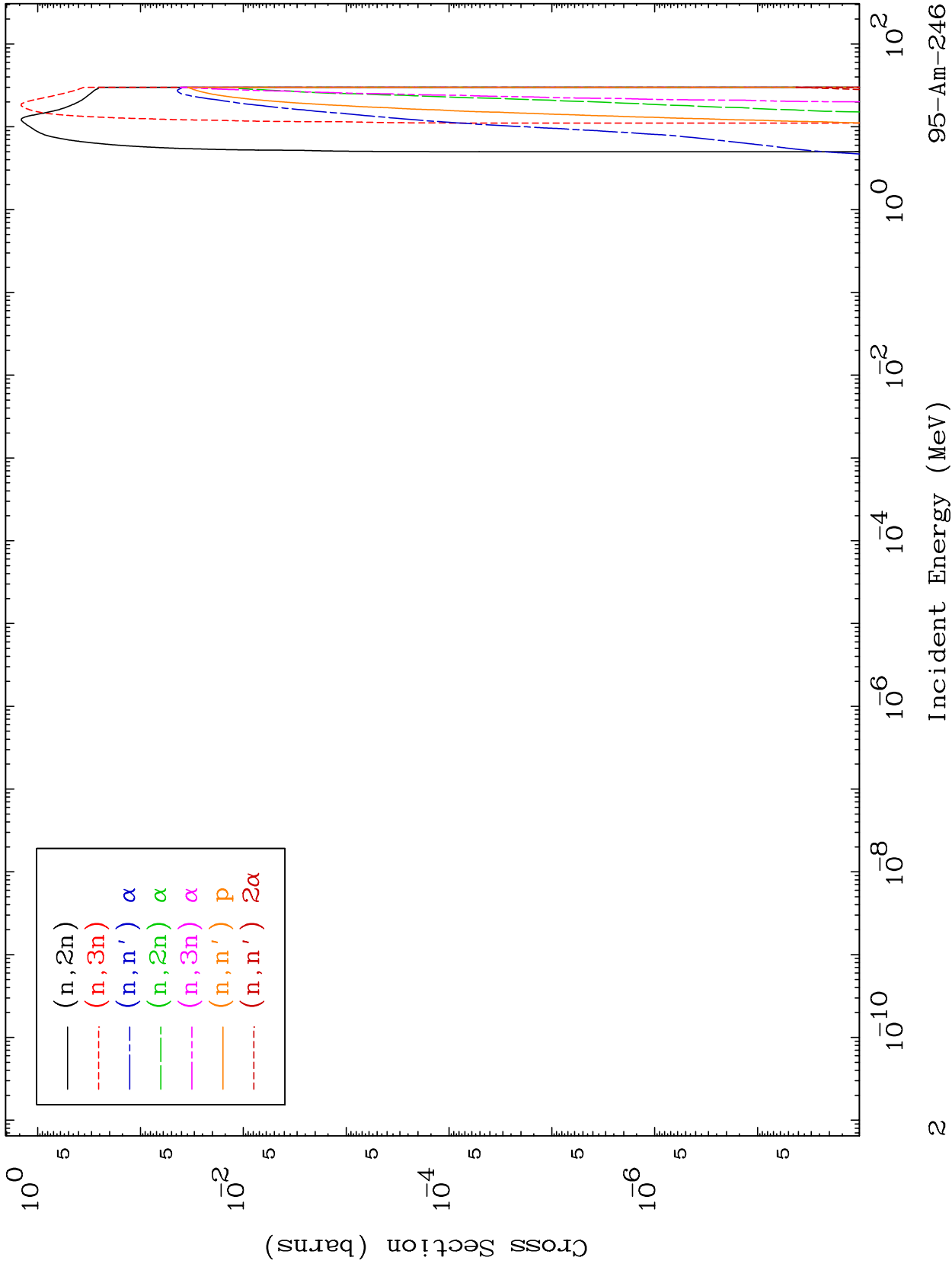
95-Am-246



MAT 9558

Neutron Production  
293 Kelvin Cross Sections

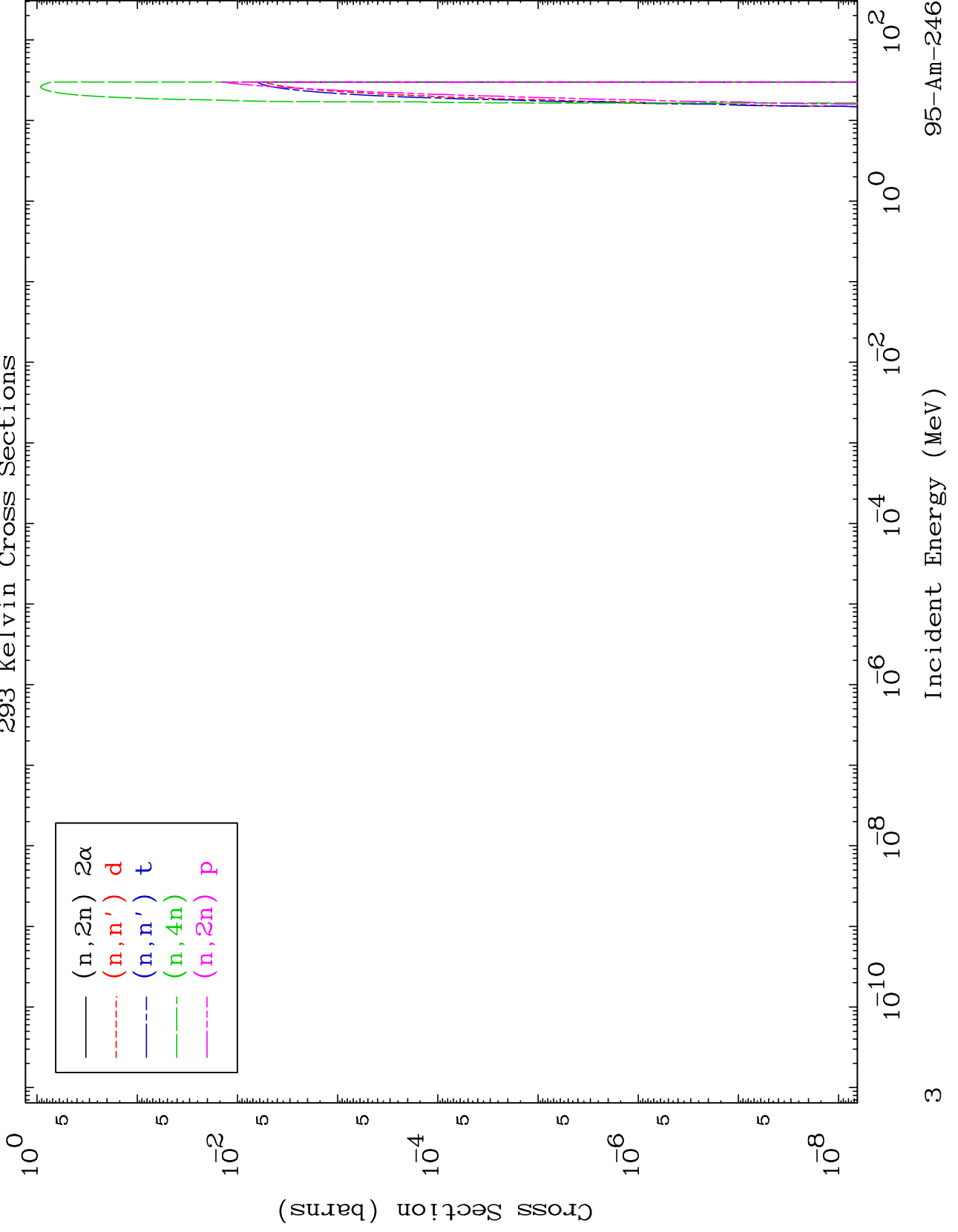
95-Am-246



MAT 9558

Neutron Production  
293 Kelvin Cross Sections

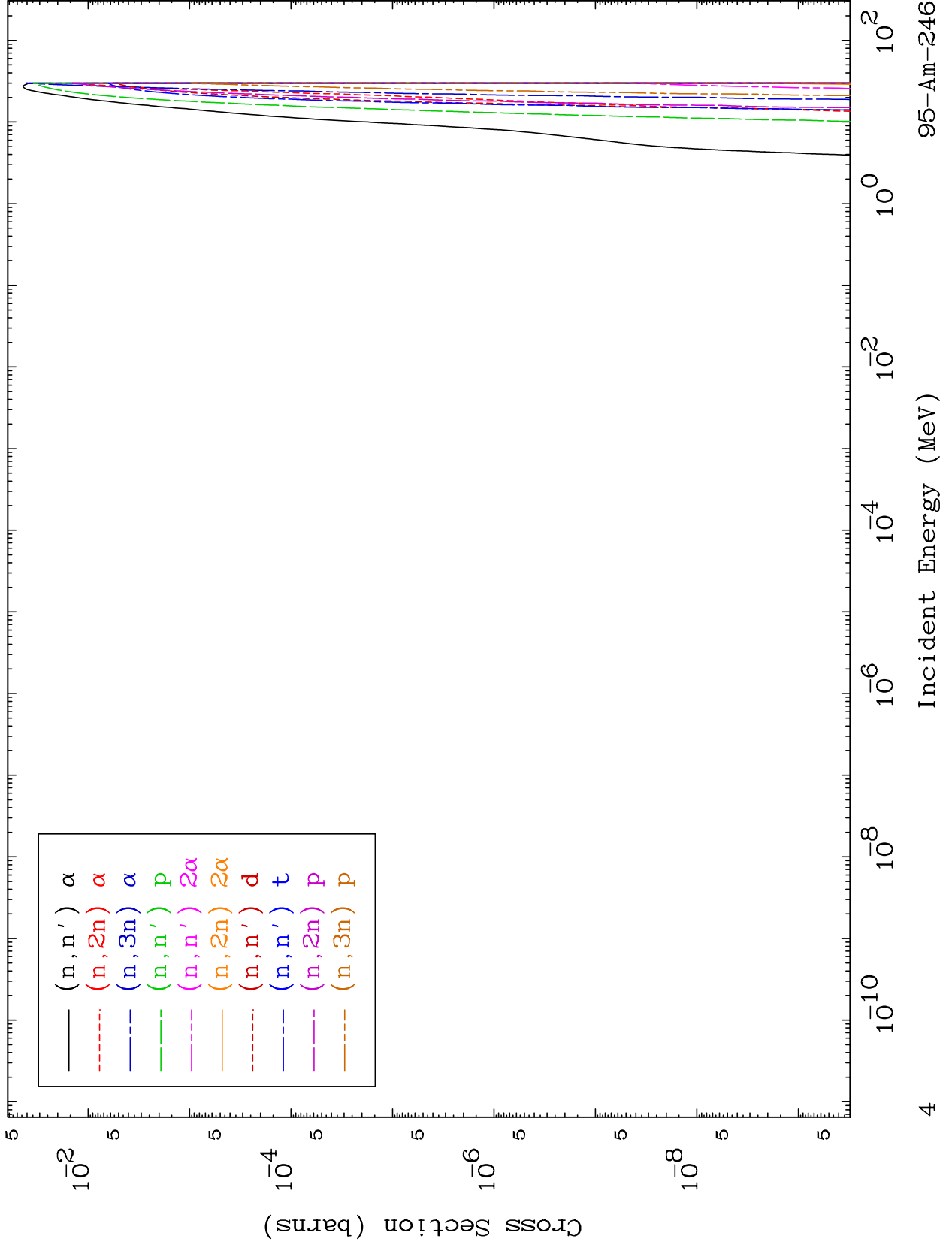
95-Am-246



MAT 9558

Charged Particle  
293 Kelvin Cross Sections

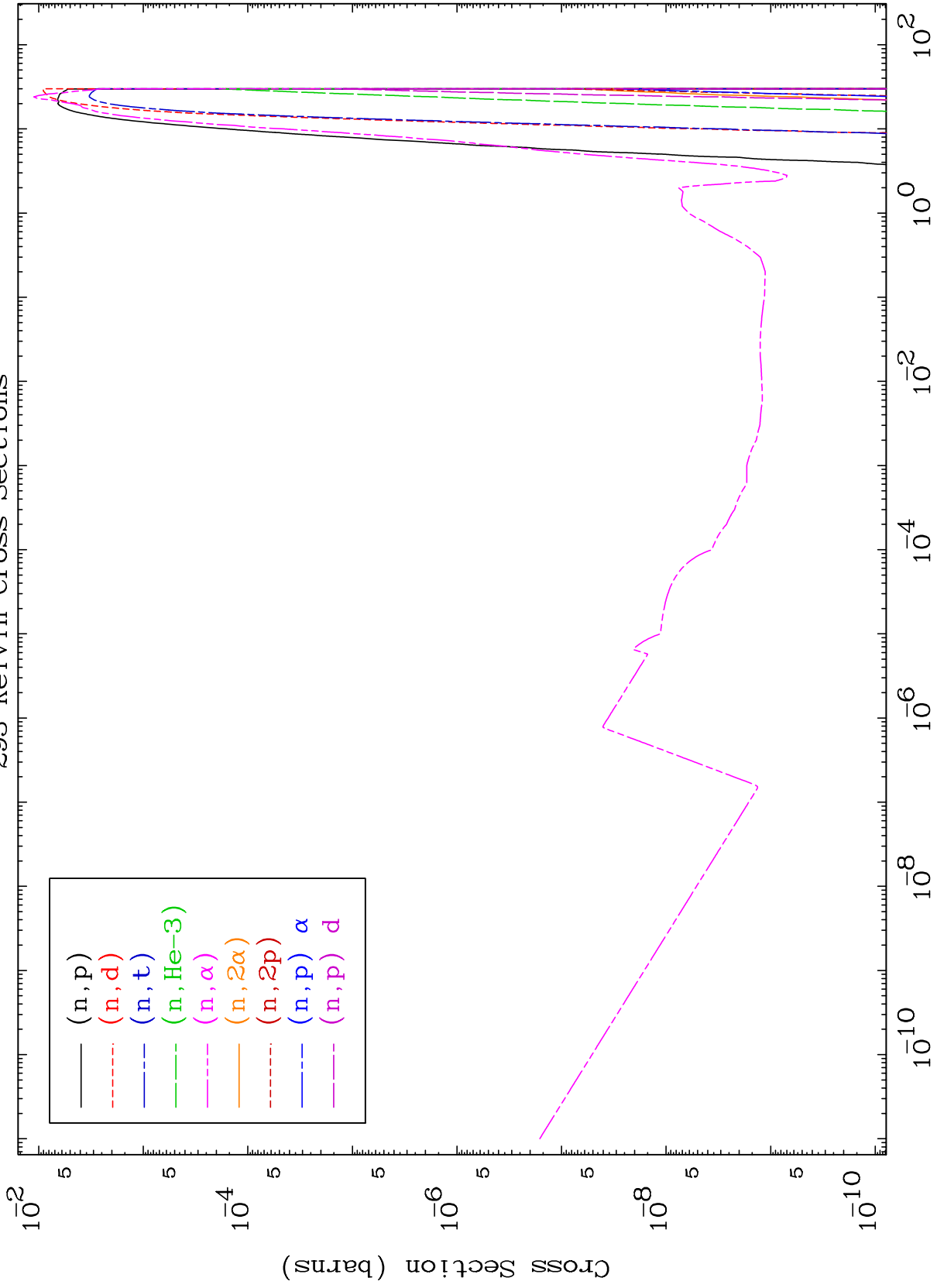
95-Am-246



MAT 9558

Charged Particle  
293 Kelvin Cross Sections

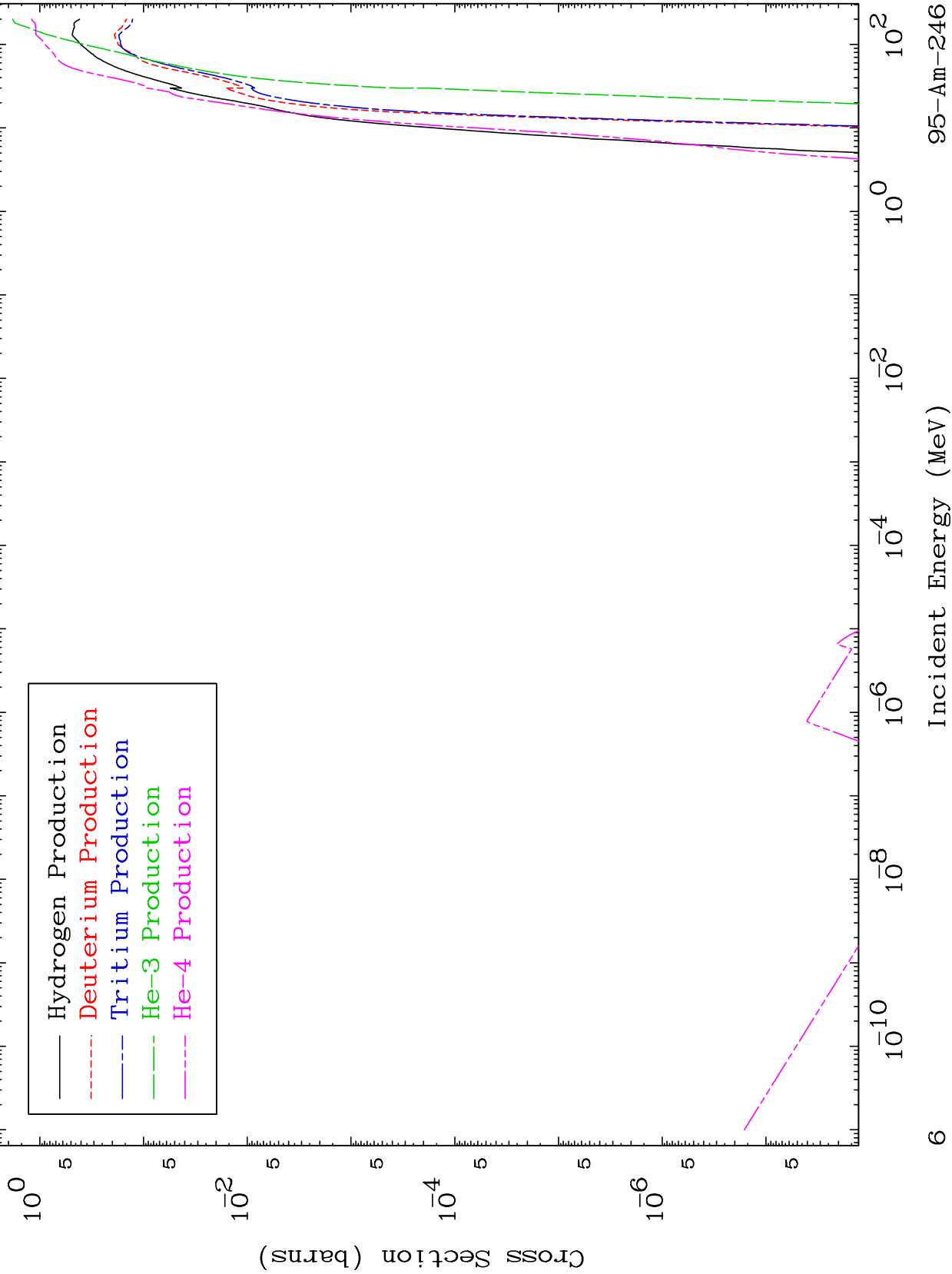
95-Am-246



5

Incident Energy (MeV)

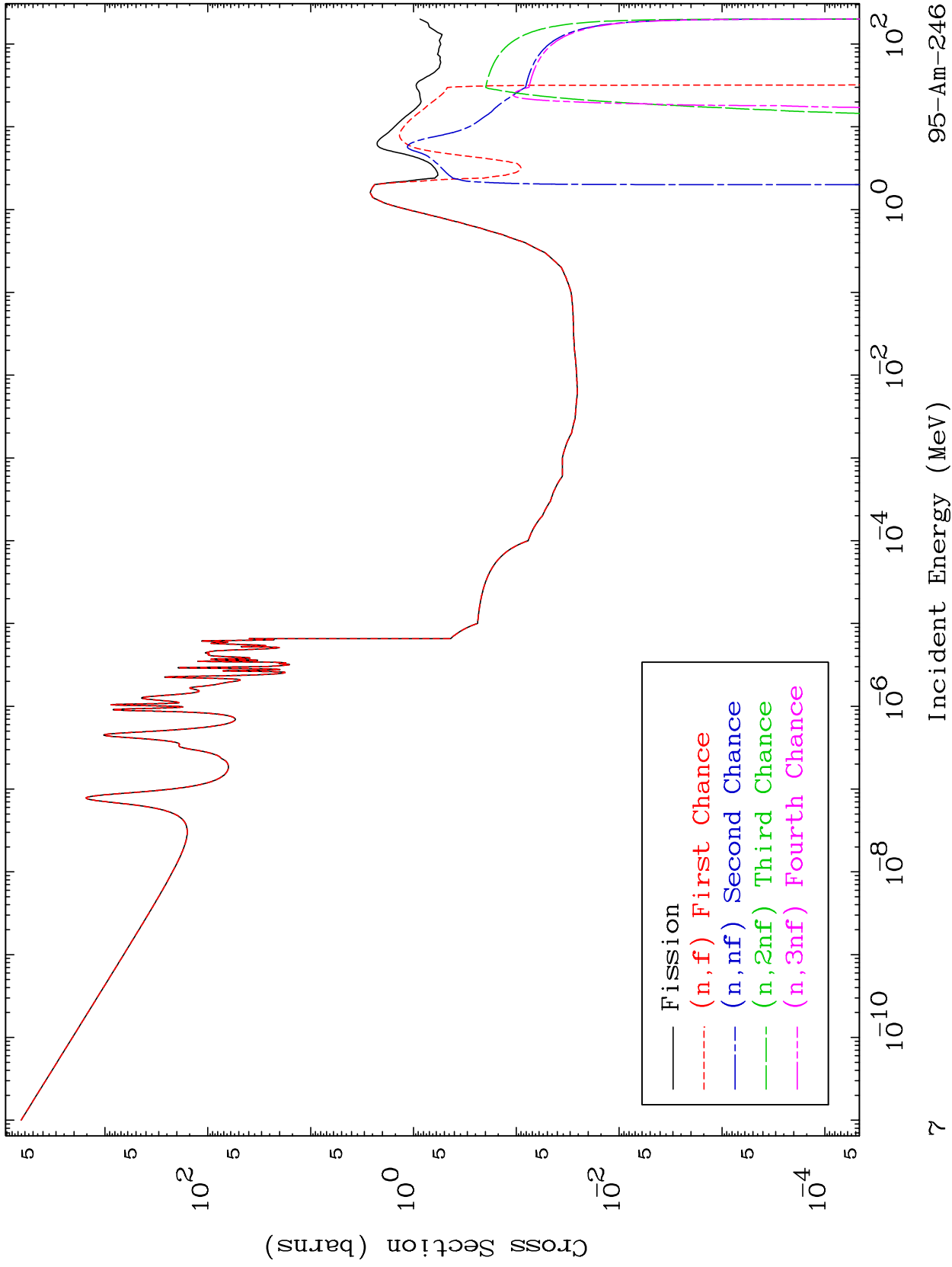
95-Am-246



MAT 9558

Fission  
293 Kelvin Cross Sections

95-Am-246



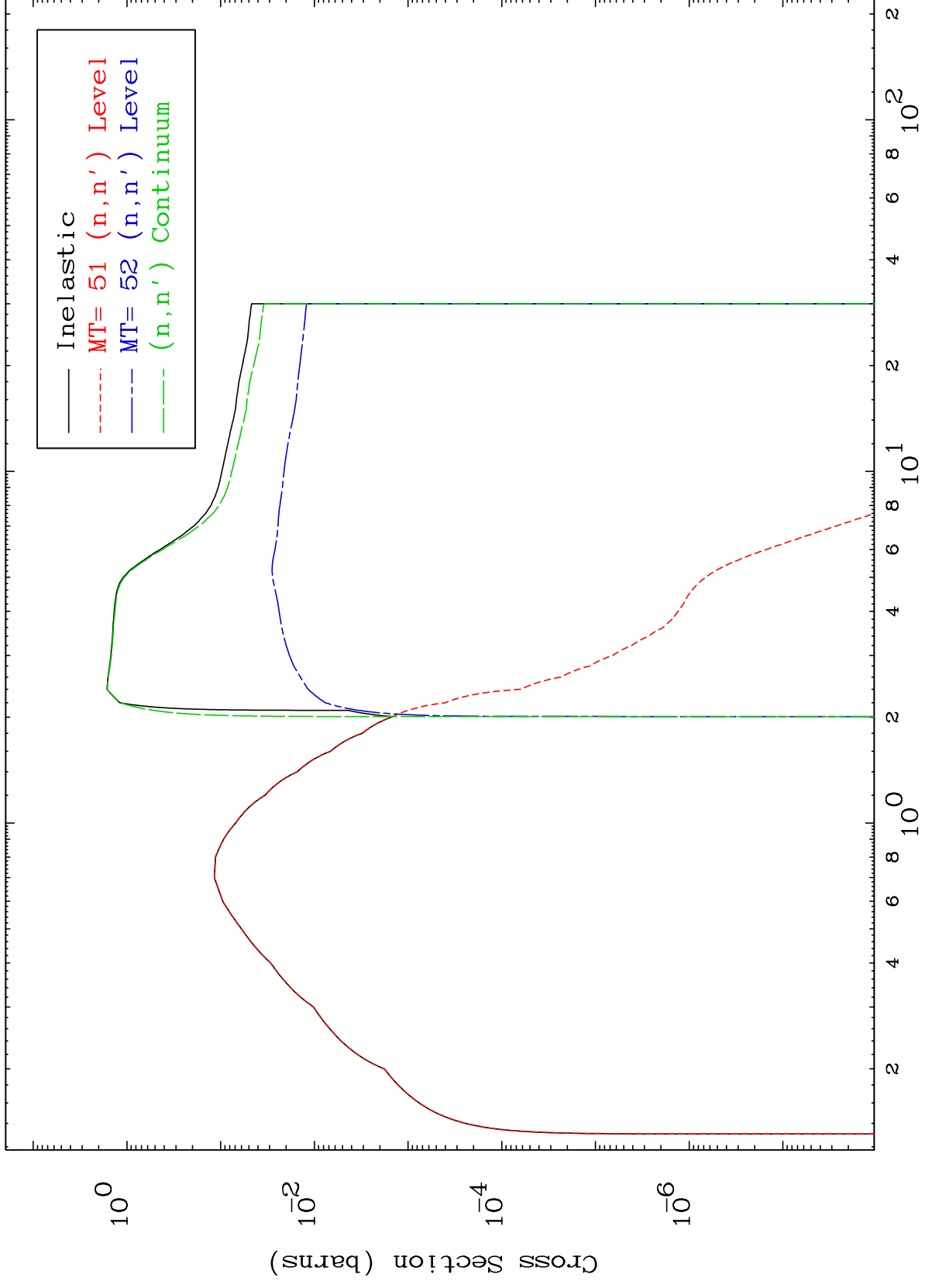


MAT 9558

(n,n') Level

95-Am-246

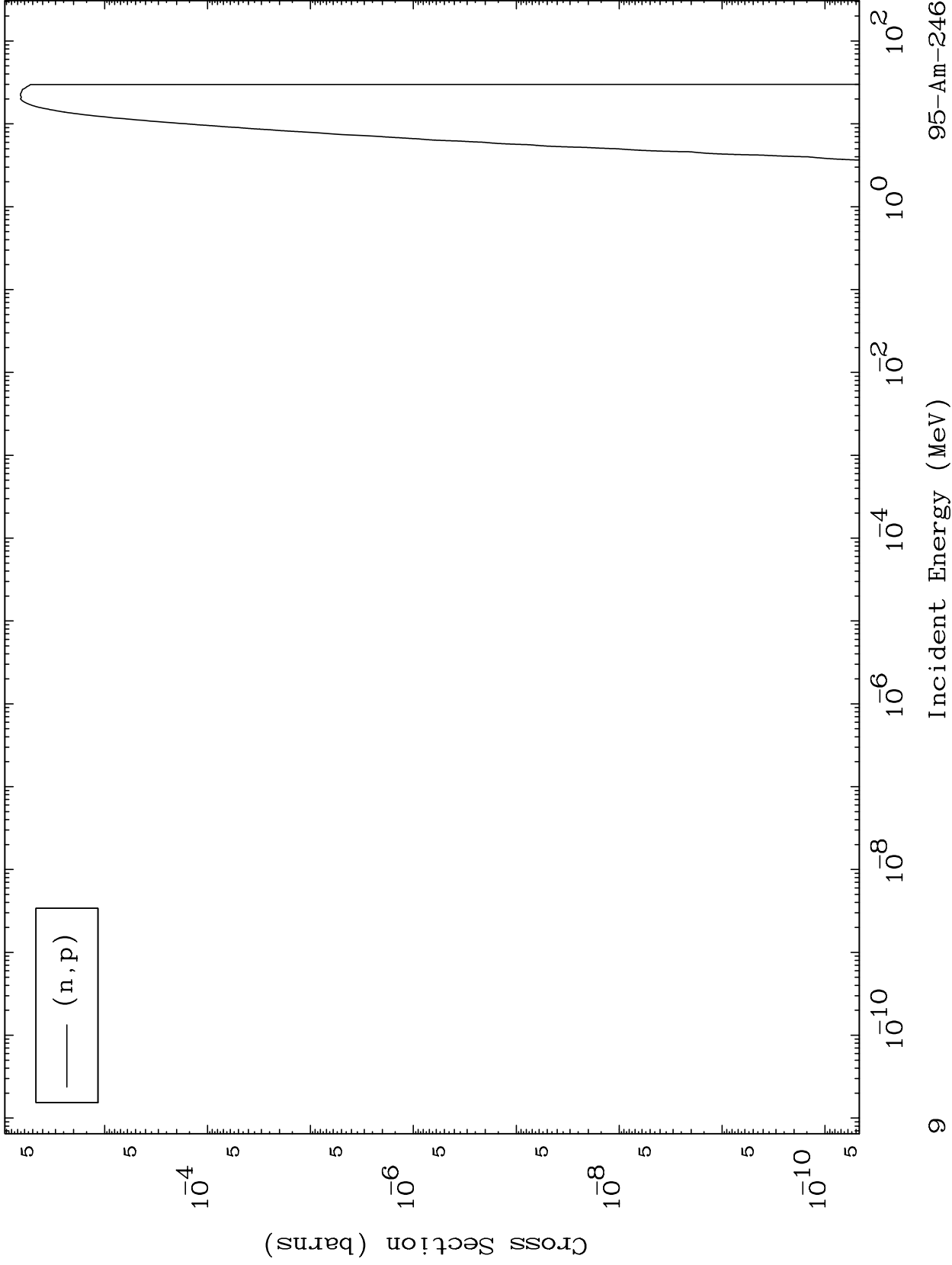
293 Kelvin Cross Sections



MAT 9558

(n,p) Levels  
293 Kelvin Cross Sections

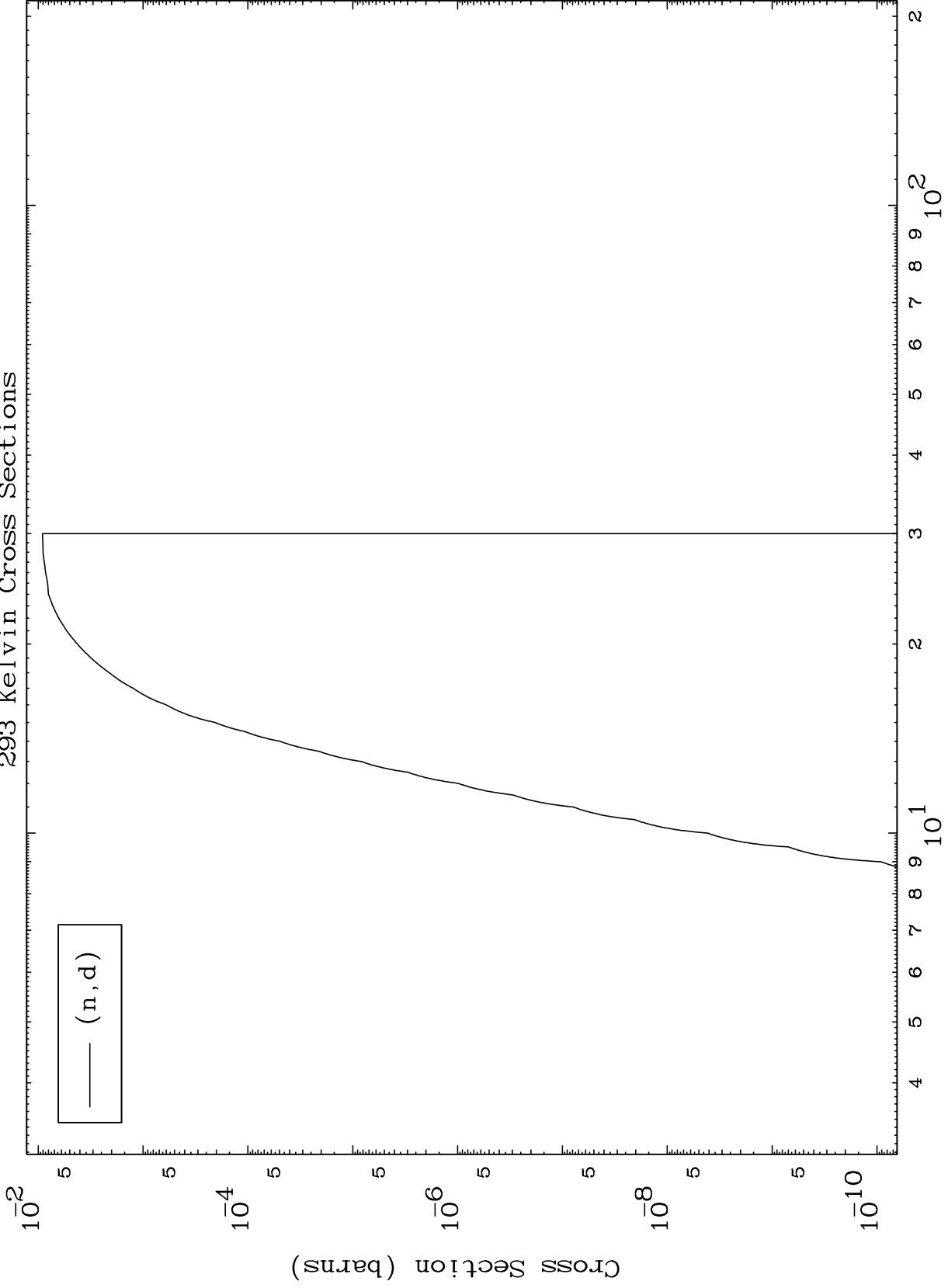
95-Am-246



MAT 9558

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-246



10

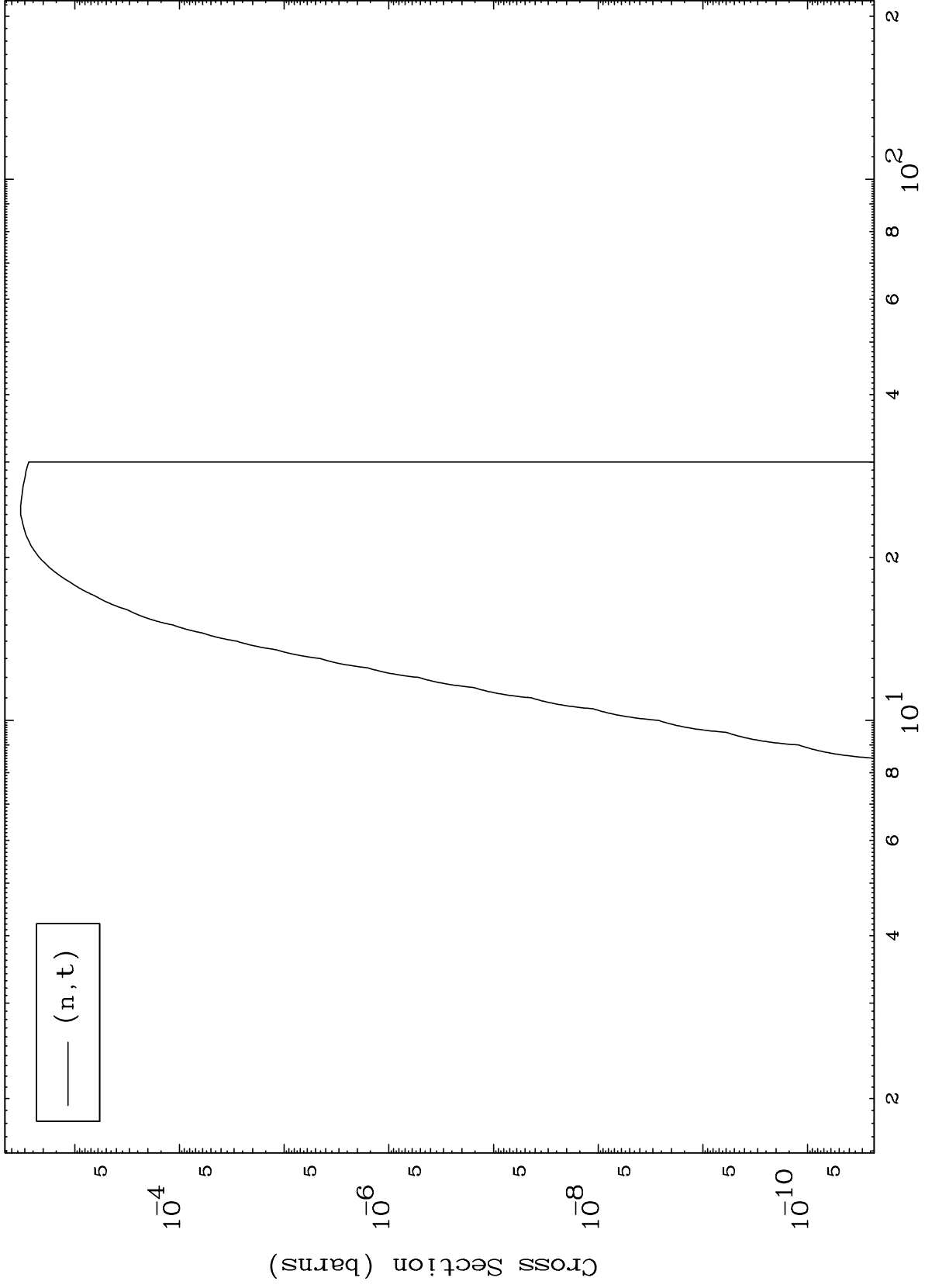
Incident Energy (MeV)

95-Am-246

MAT 9558

(n,t) Levels  
293 Kelvin Cross Sections

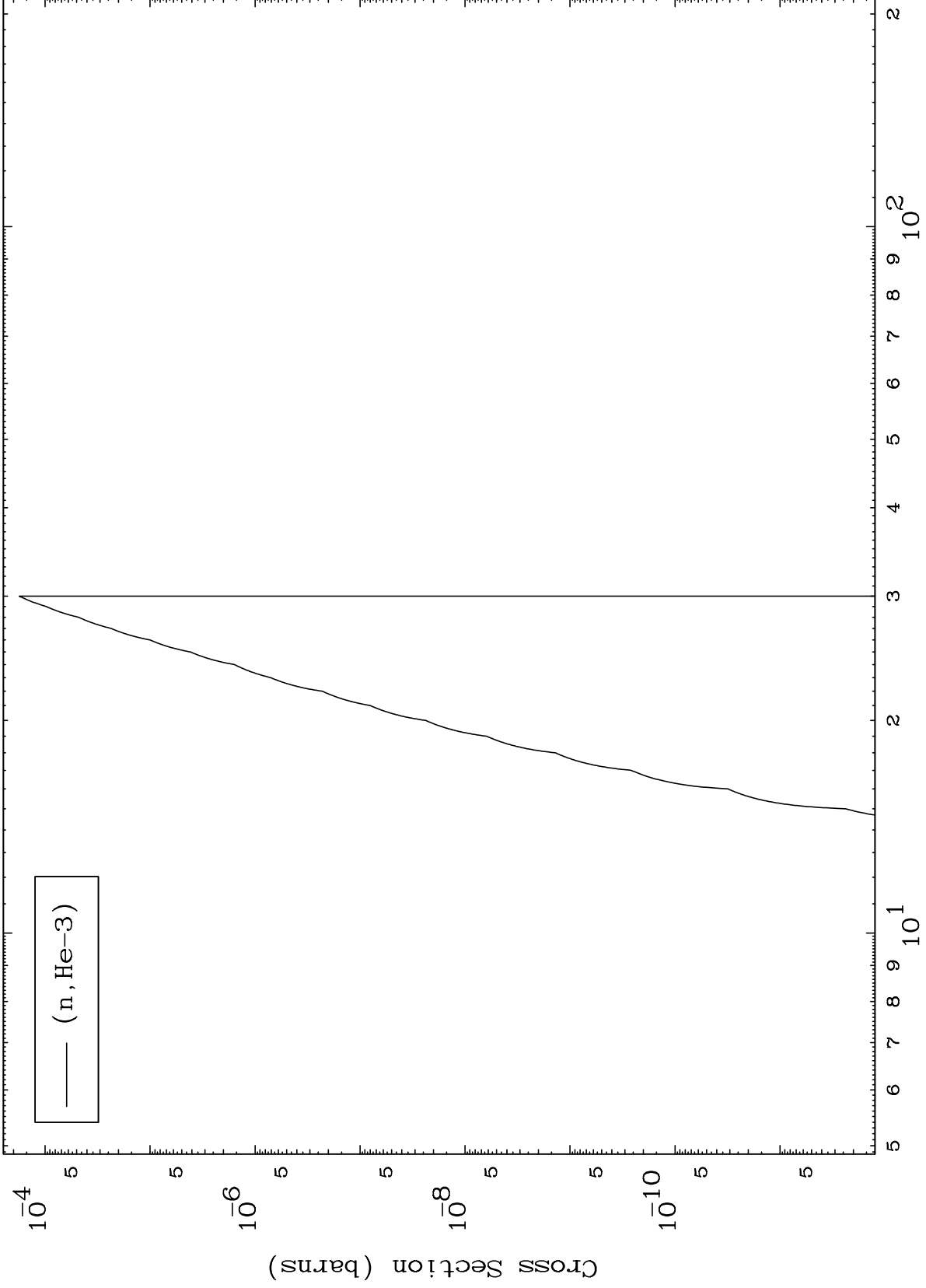
95-Am-246



MAT 9558

(n,He3) Levels  
293 Kelvin Cross Sections

95-Am-246



12

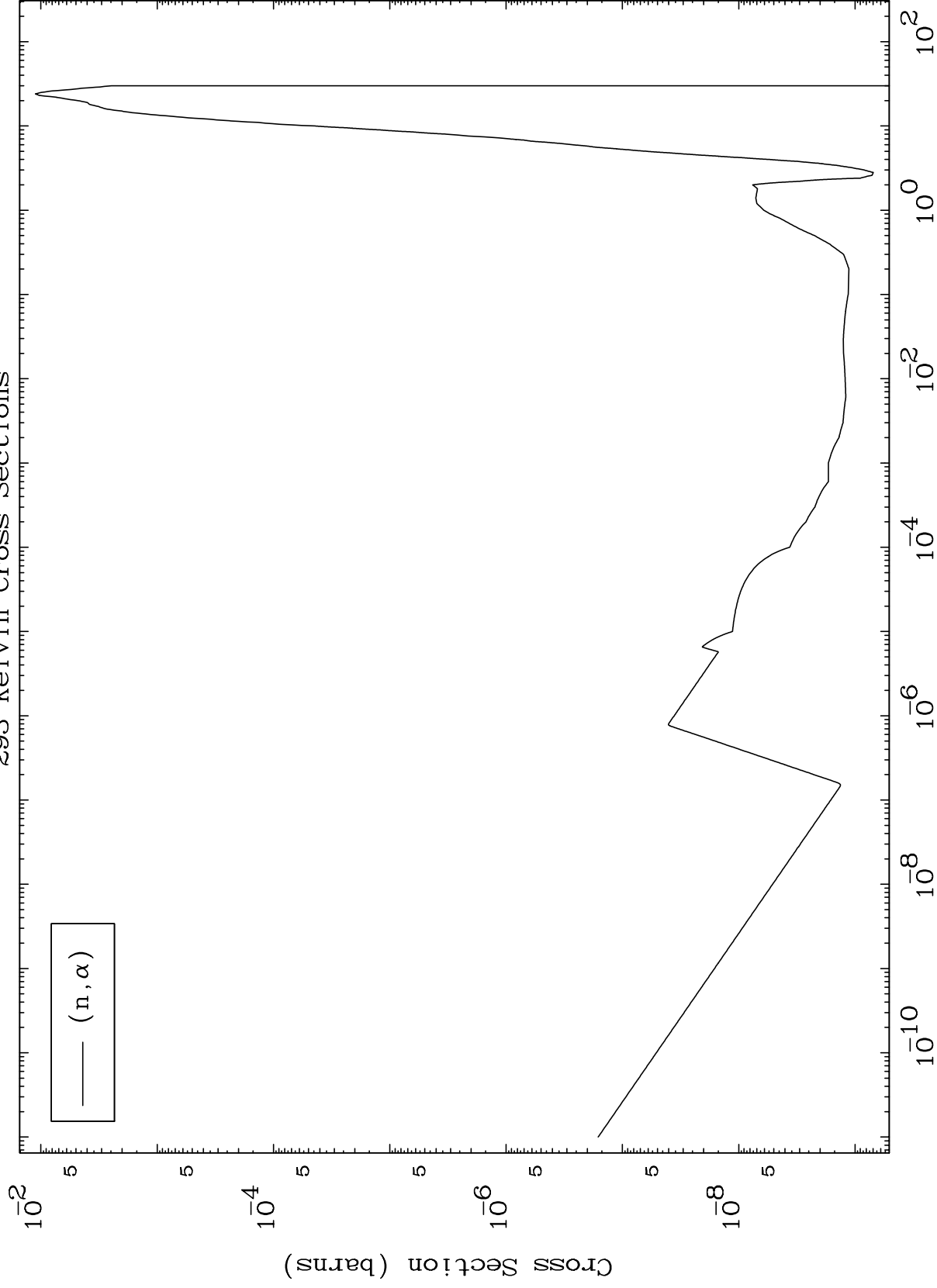
Incident Energy (MeV)

95-Am-246

MAT 9558

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

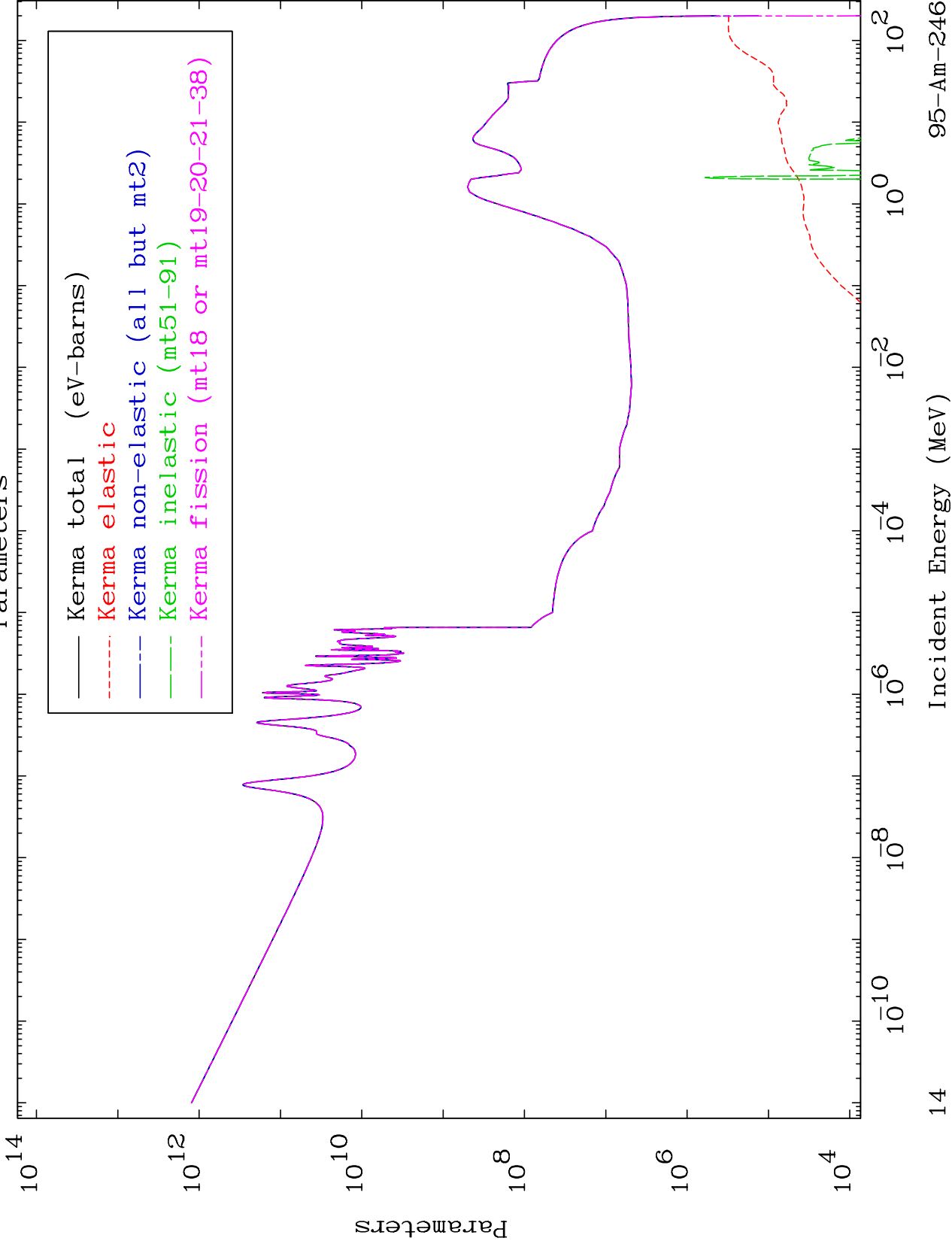
95-Am-246

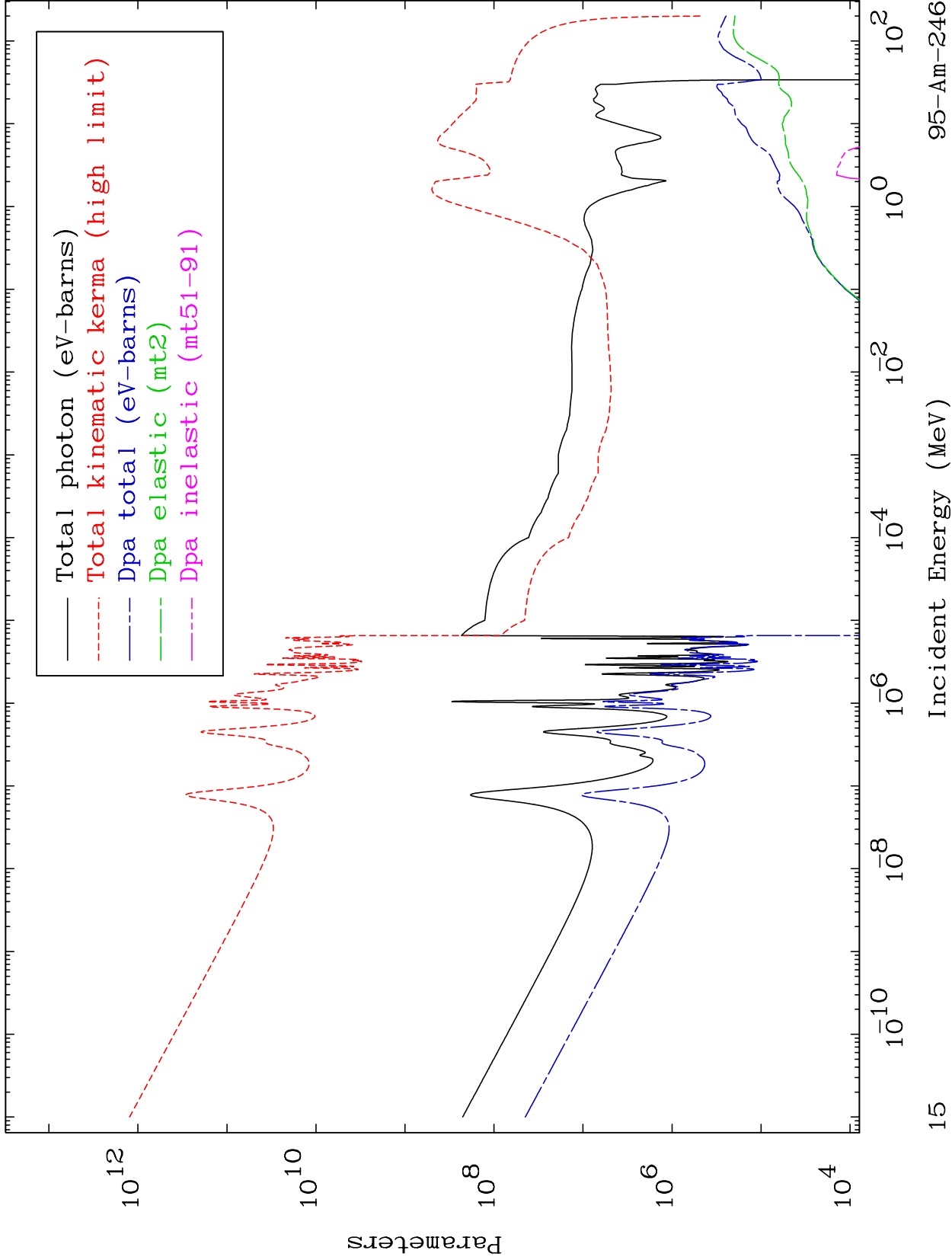


13

Incident Energy (MeV)

95-Am-246



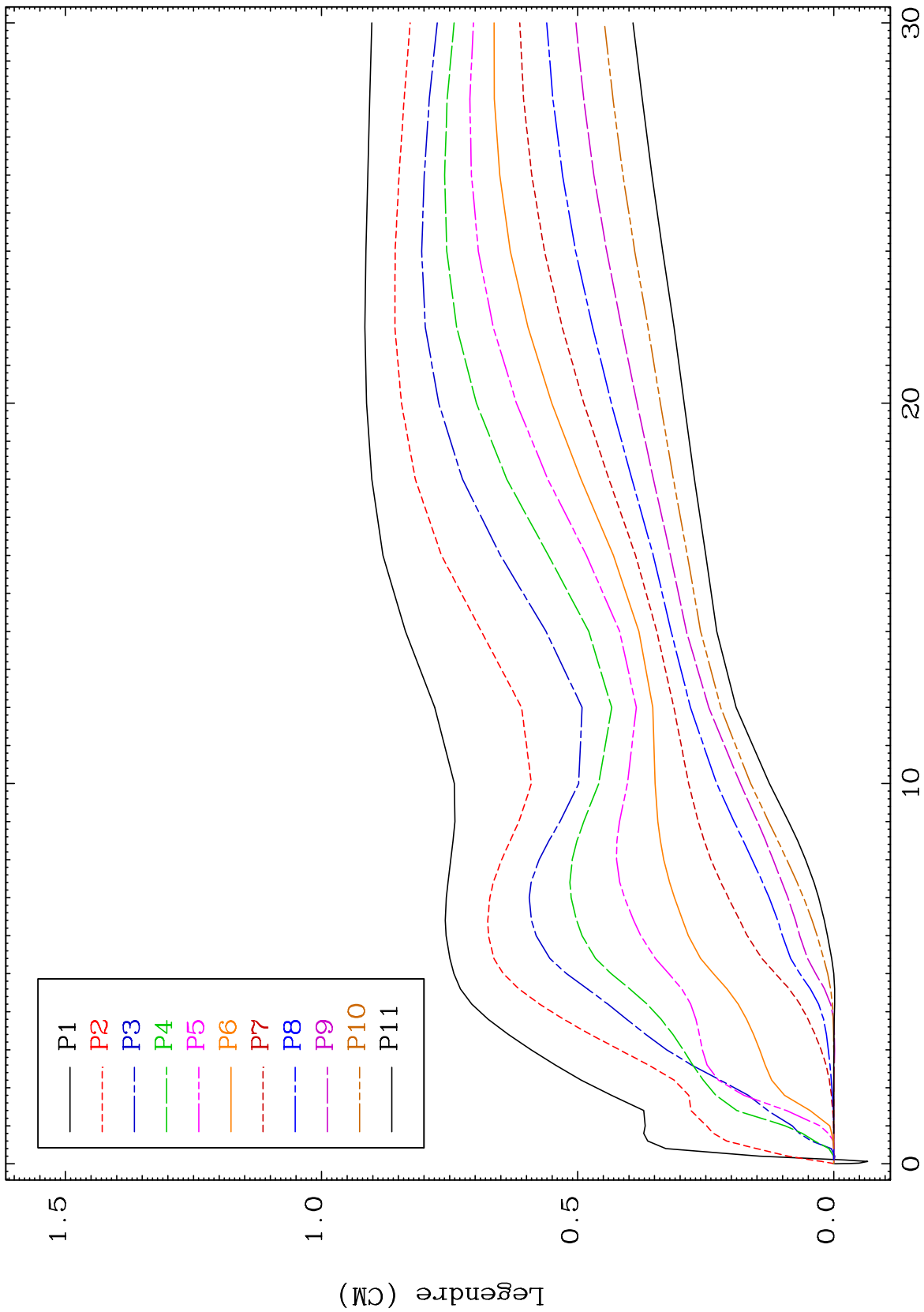




MAT 9558

Elastic Legendre Coefficients

95-Am-246



16

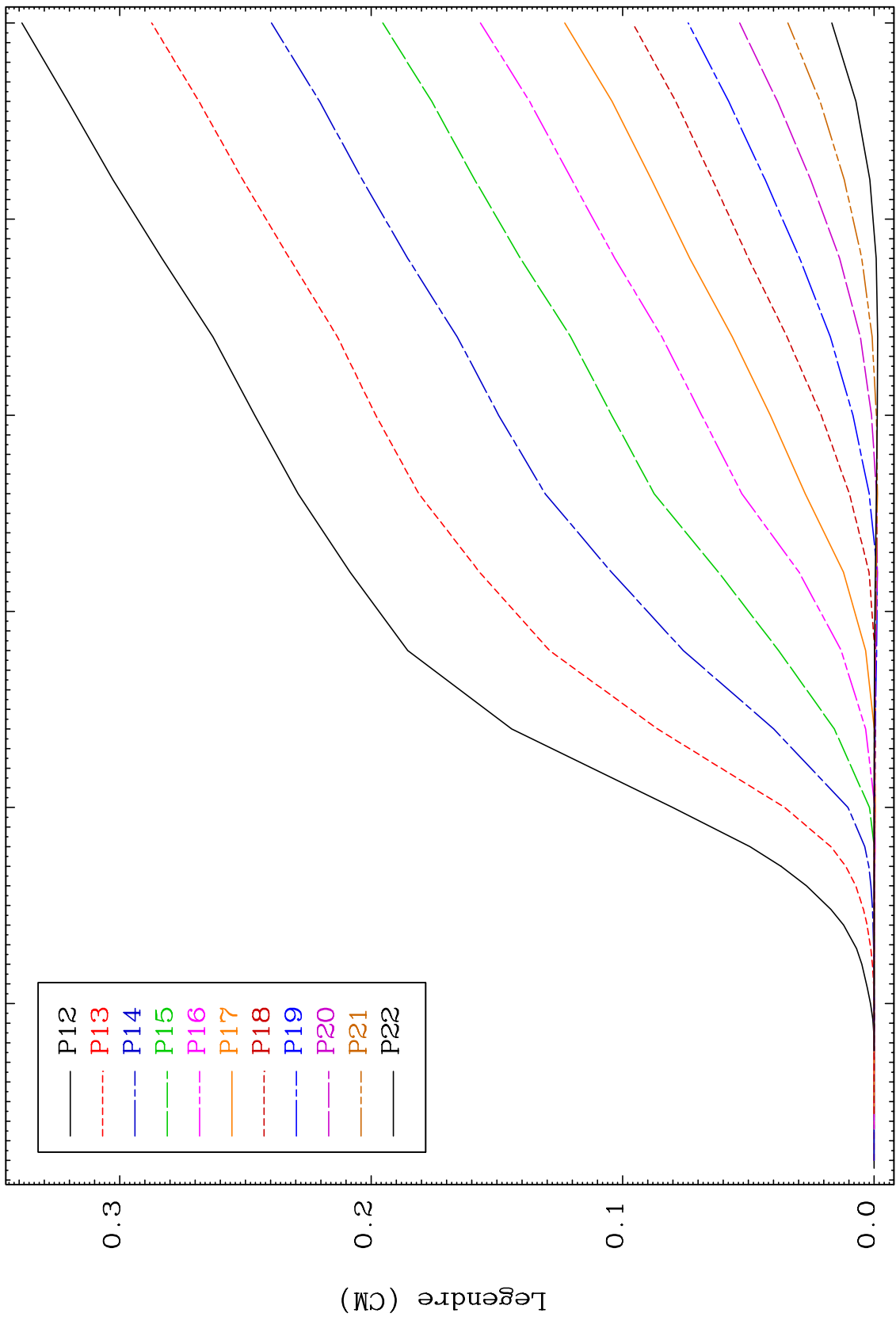
Incident Energy (MeV)

95-Am-246

MAT 9558

Elastic Legendre Coefficients

95-Am-246



17

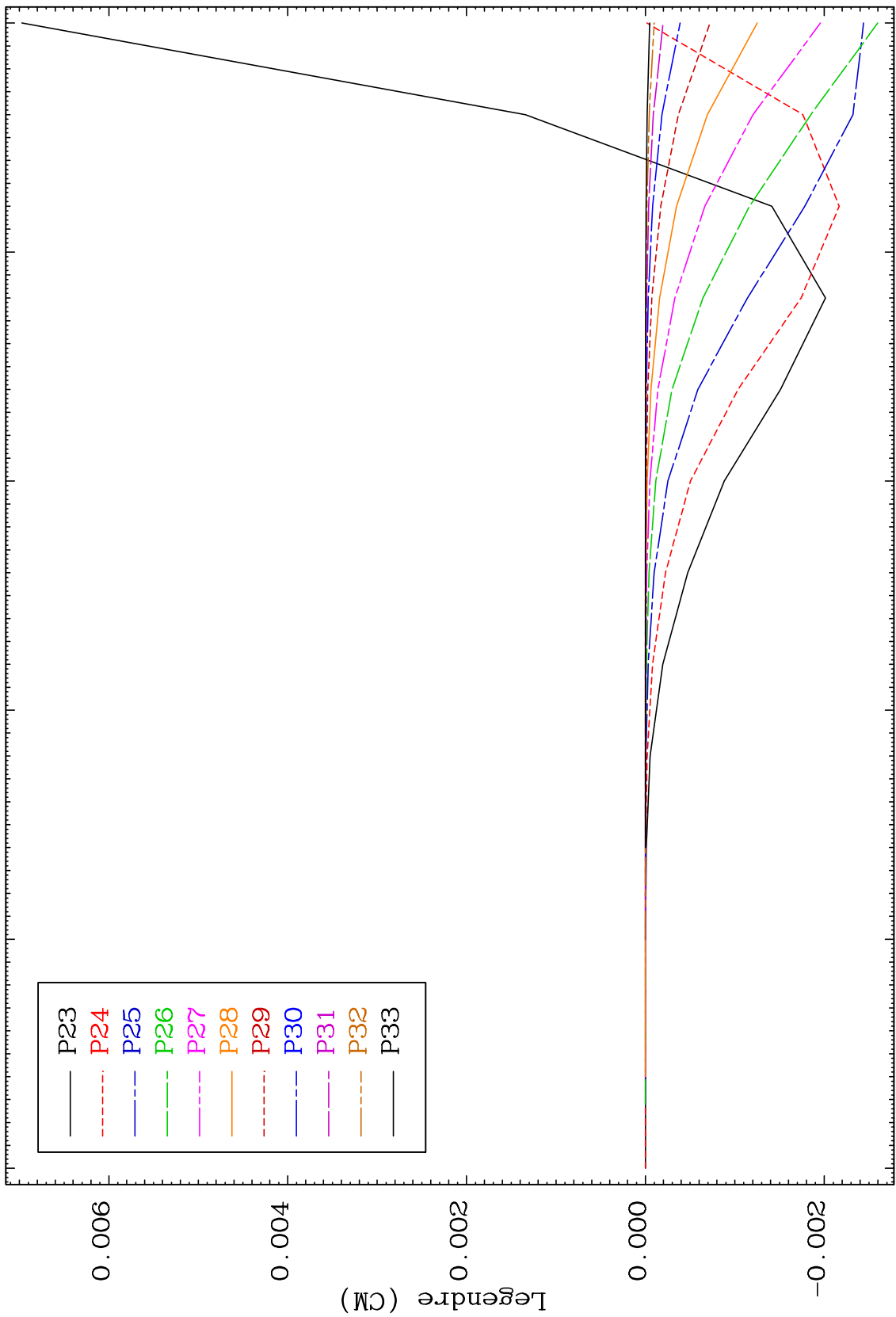
Incident Energy (MeV)

95-Am-246

MAT 9558

Elastic  
Legendre Coefficients

95-Am-246



18

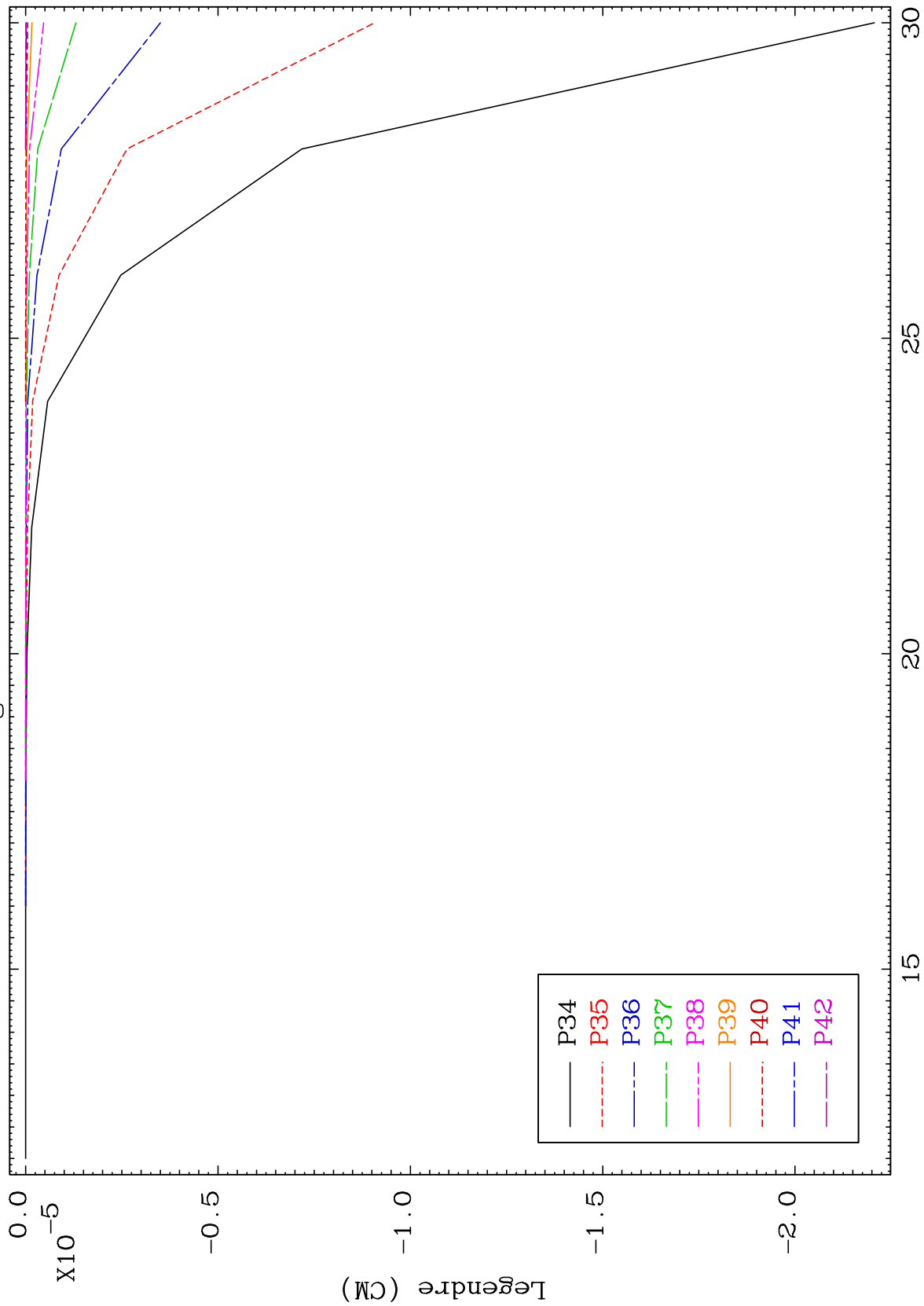
Incident Energy (MeV)

95-Am-246

MAT 9558

Elastic Legendre Coefficients

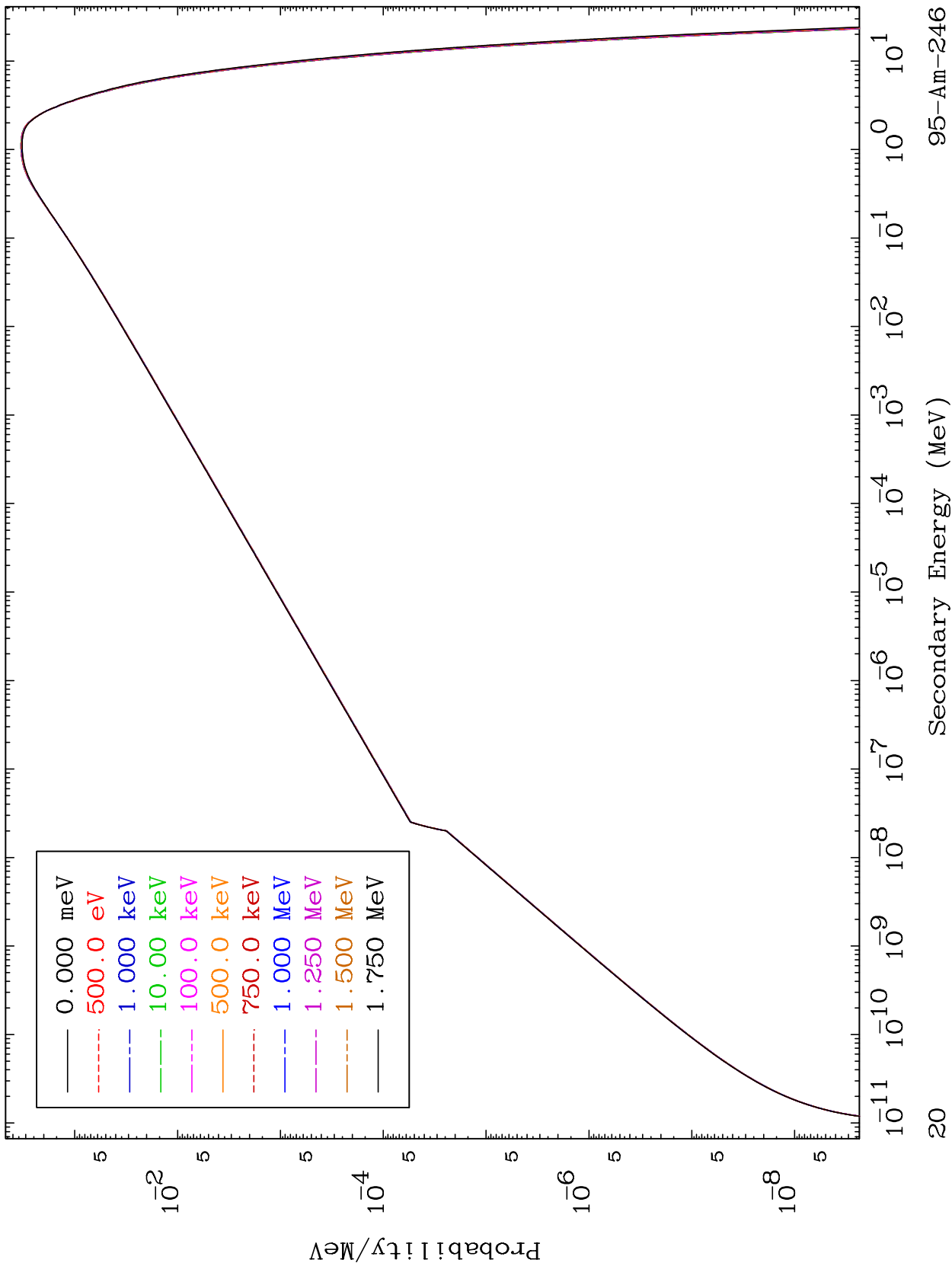
95-Am-246



MAT 9558

### Fission Energy Distribution

95-Am-246



95-Am-246

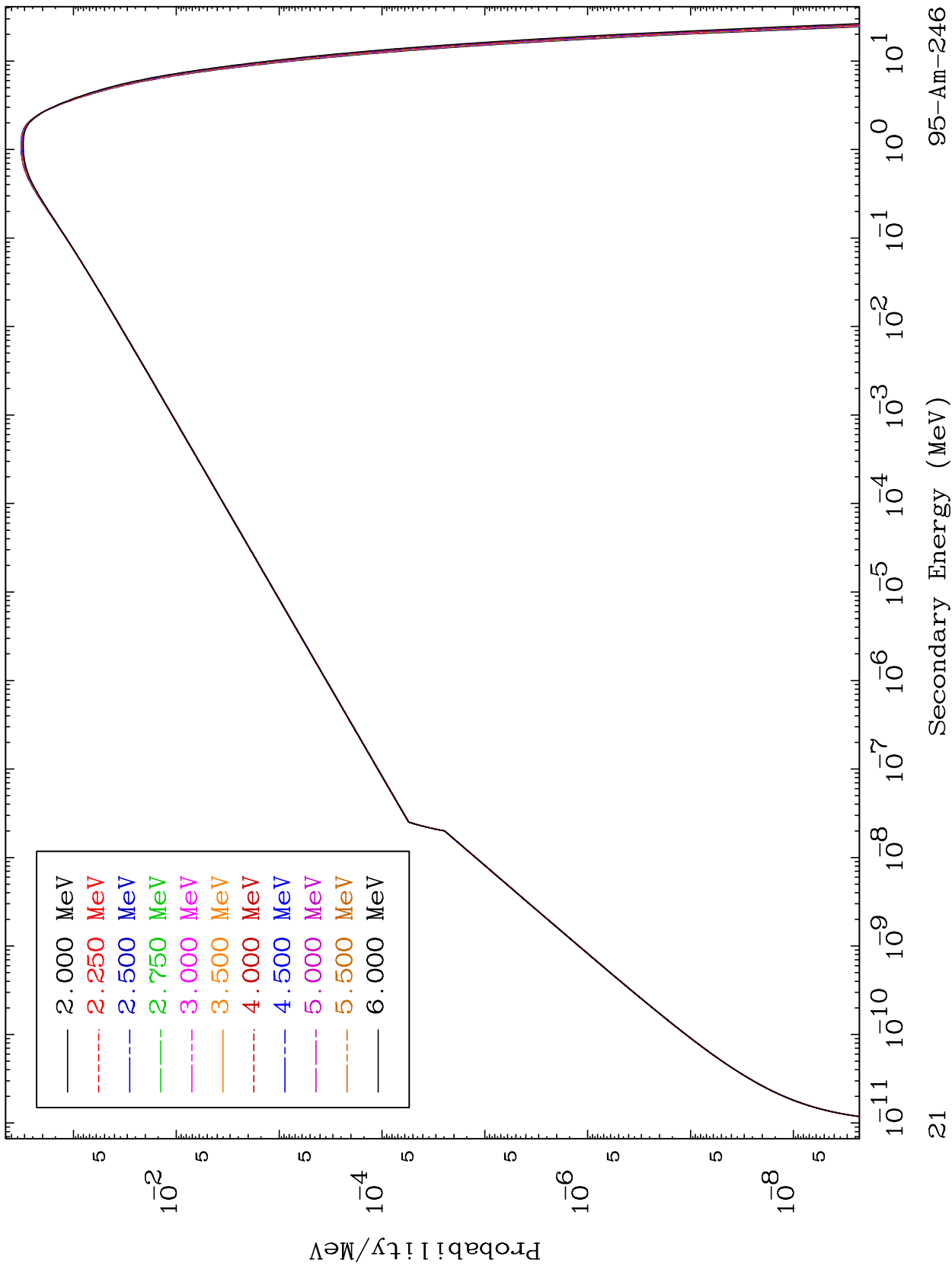
Secondary Energy (MeV)

20

MAT 9558

### Fission Energy Distribution

95-Am-246



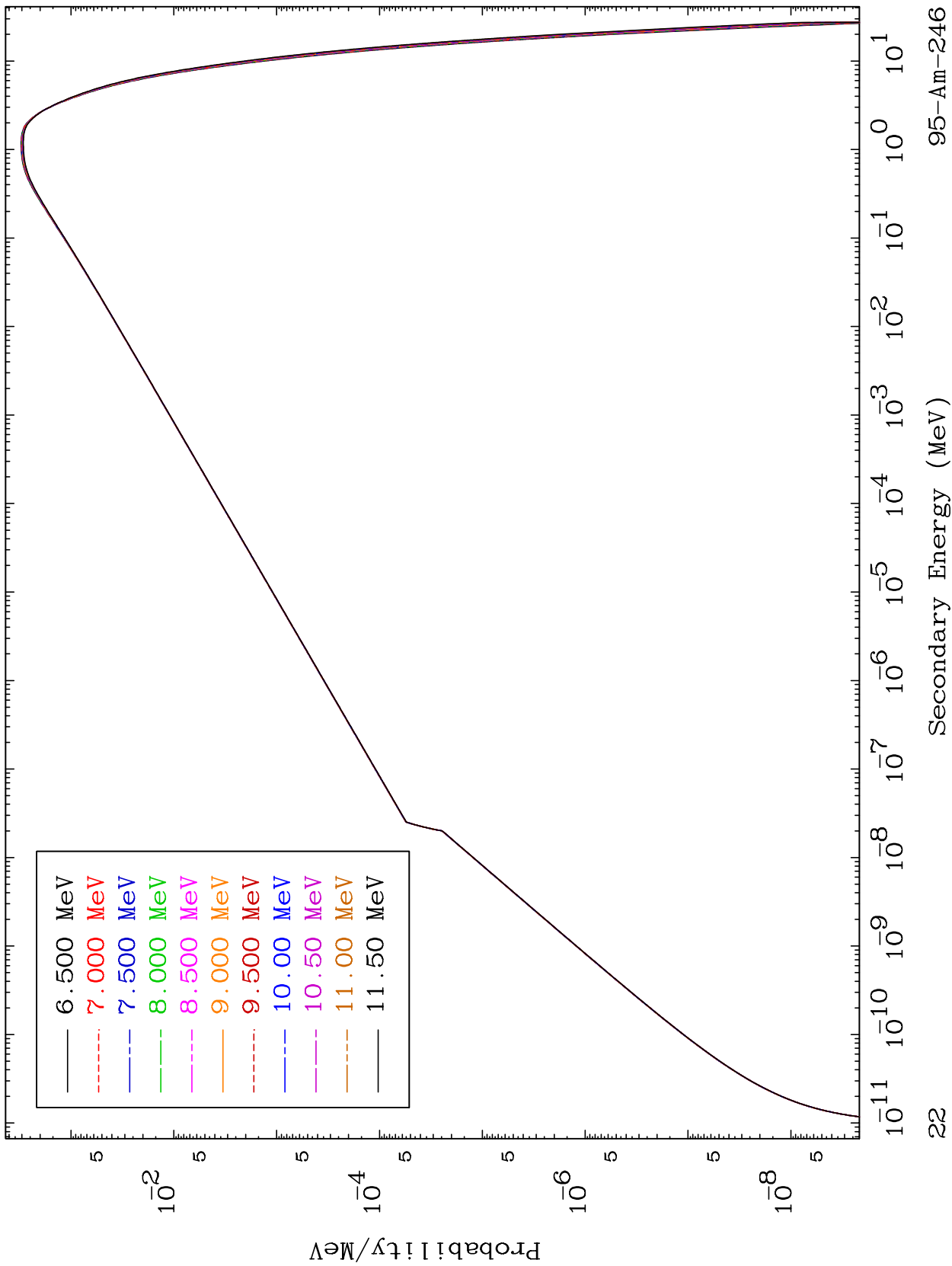
95-Am-246

Secondary Energy (MeV)

MAT 9558

### Fission Energy Distribution

95-Am-246



95-Am-246

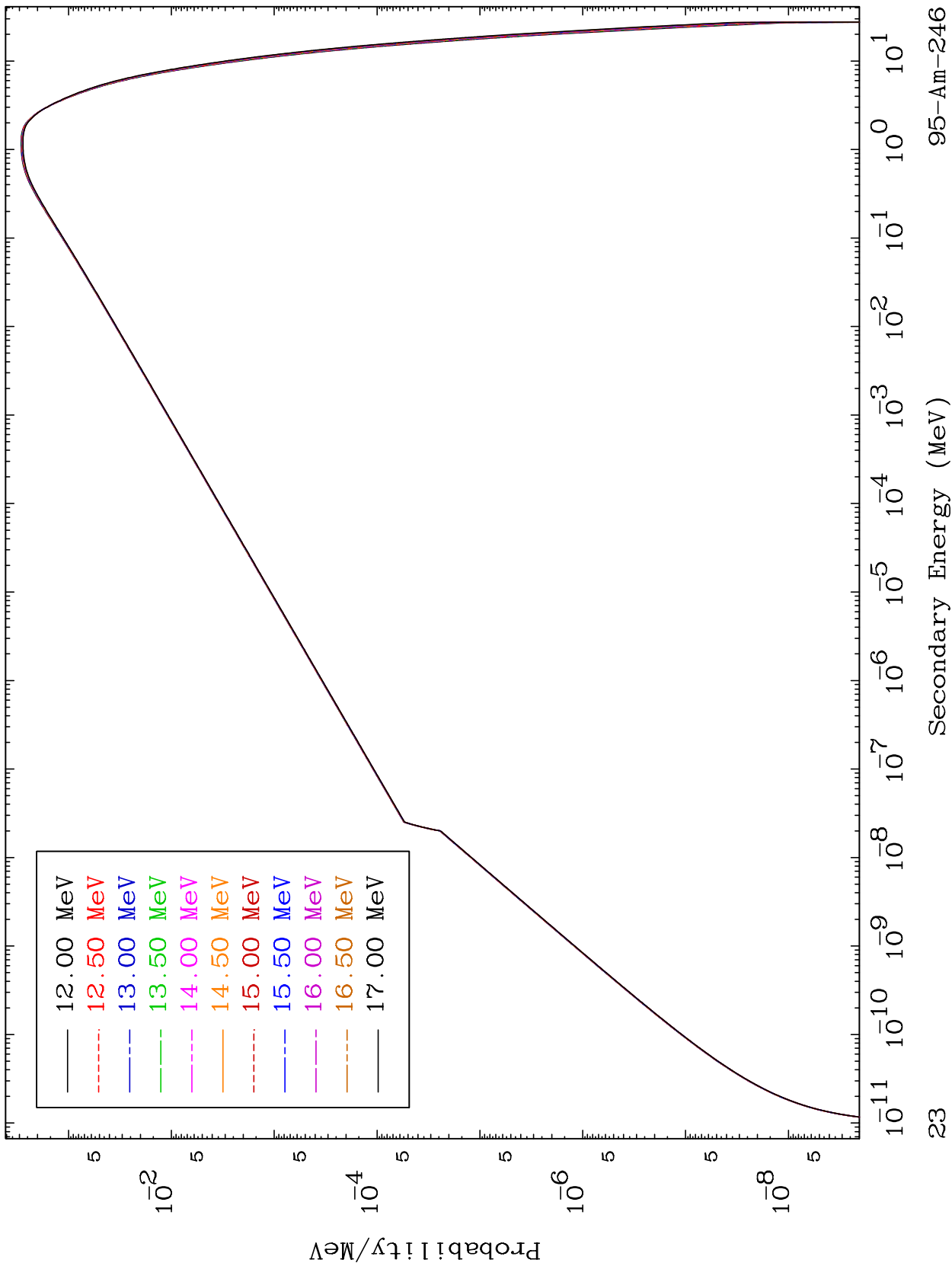
Secondary Energy (MeV)

22

MAT 9558

### Fission Energy Distribution

95-Am-246



95-Am-246

Secondary Energy (MeV)

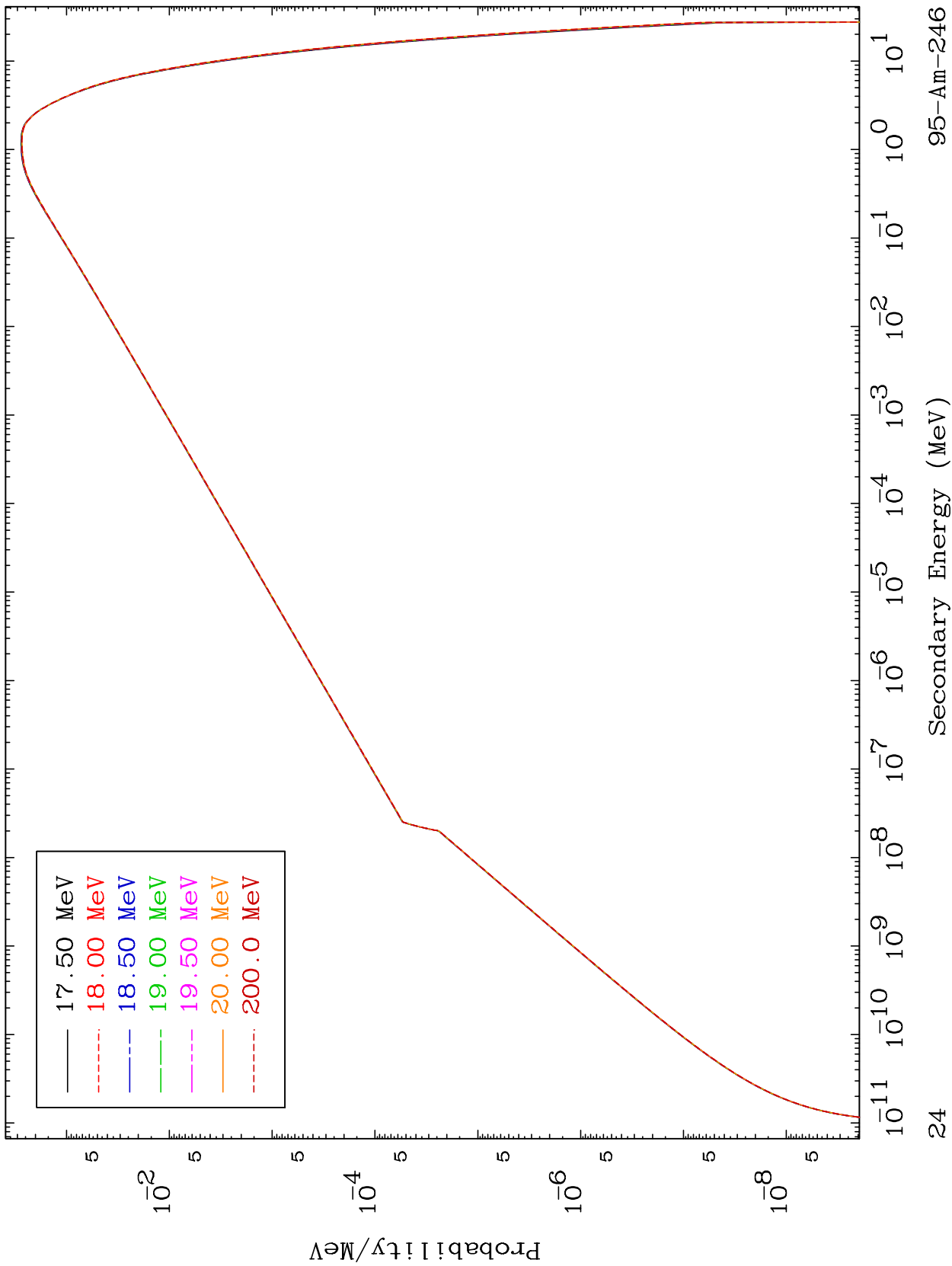
23



MAT 9558

### Fission Energy Distribution

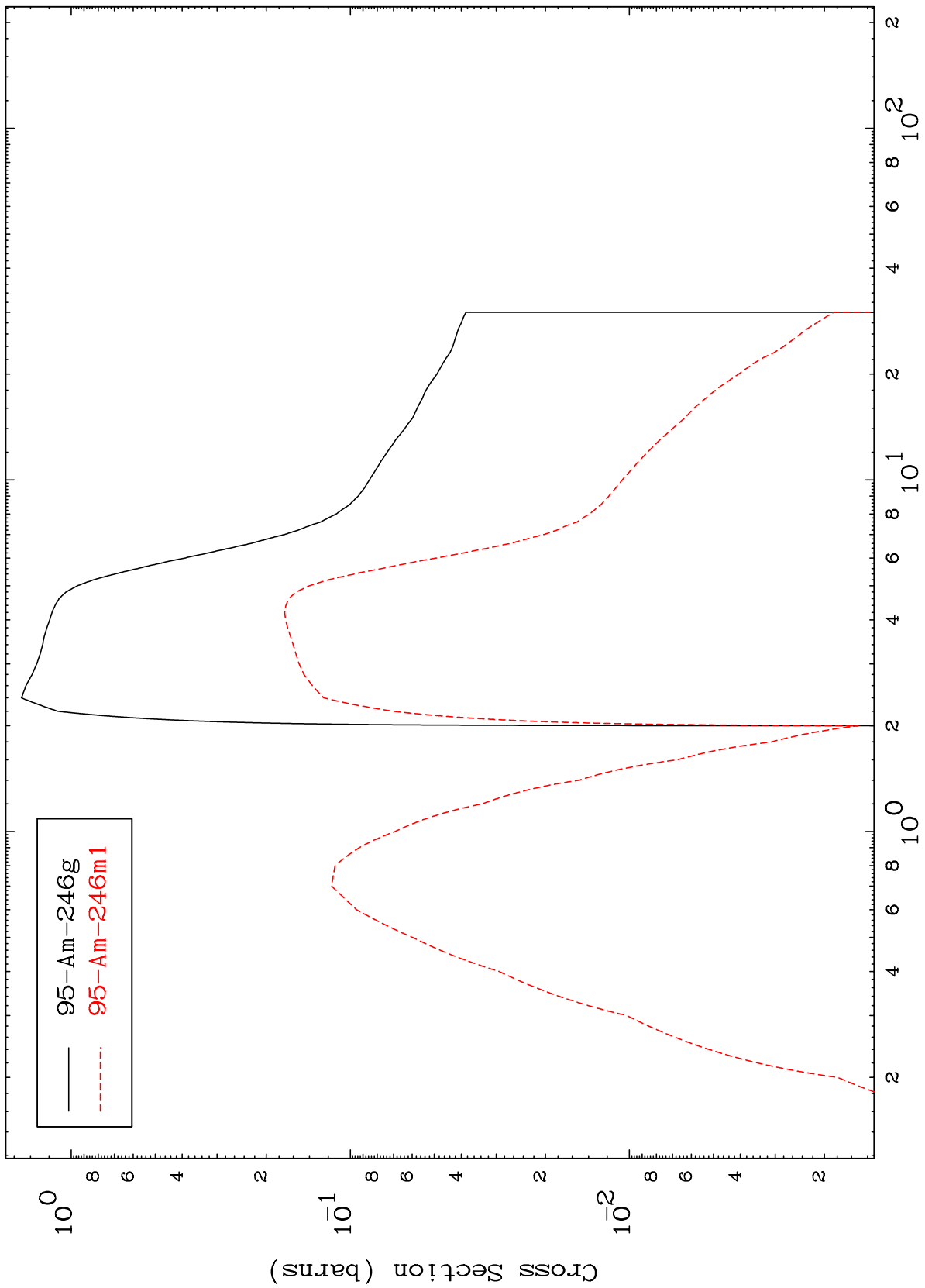
95-Am-246



MAT 9558

95-Am-246

Radionuclide Production Cross Section



95-Am-246

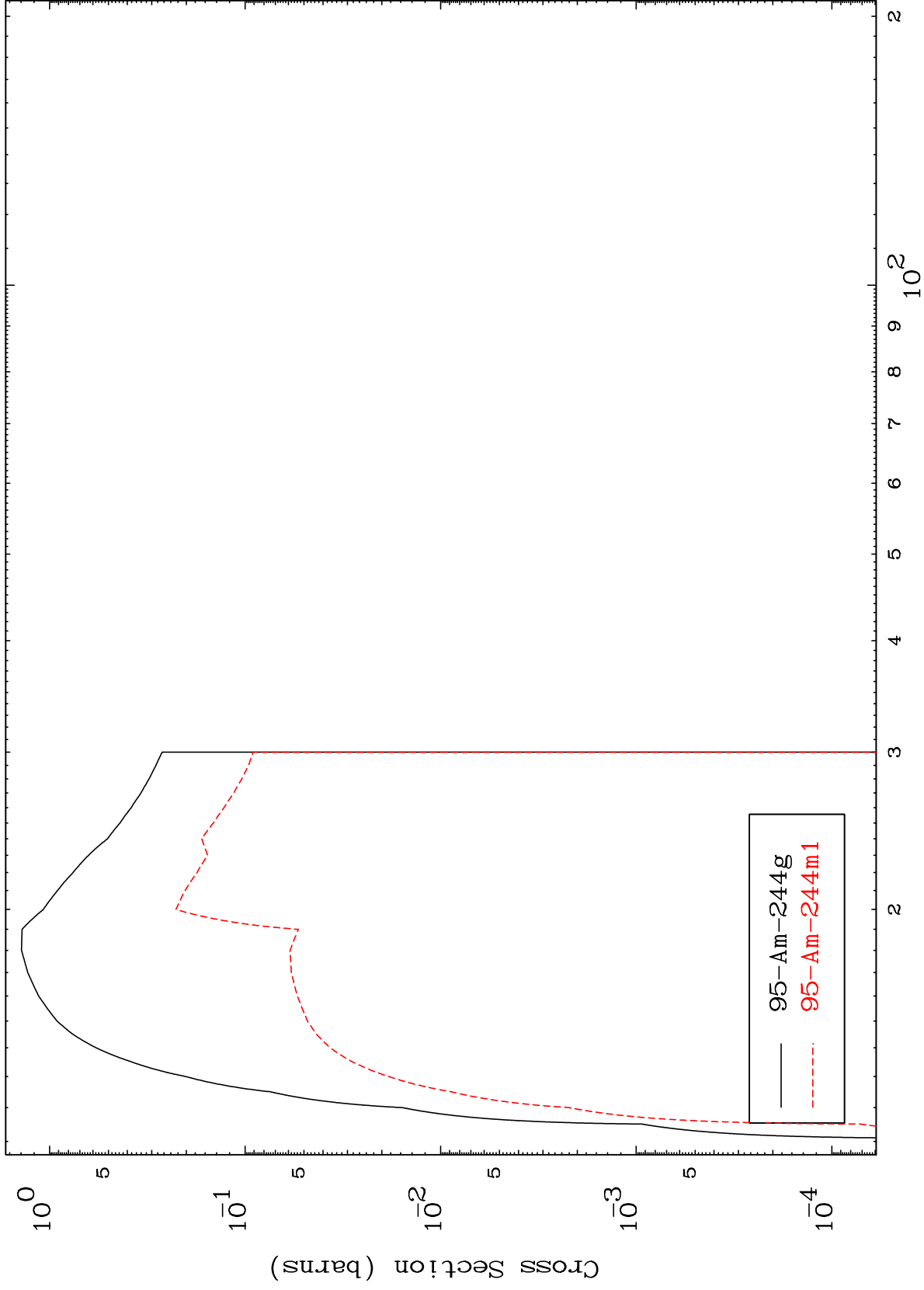
Incident Energy (MeV)

25

MAT 9558

95-Am-246

(n,3n)  
Radionuclide Production Cross Section



95-Am-246

Incident Energy (MeV)

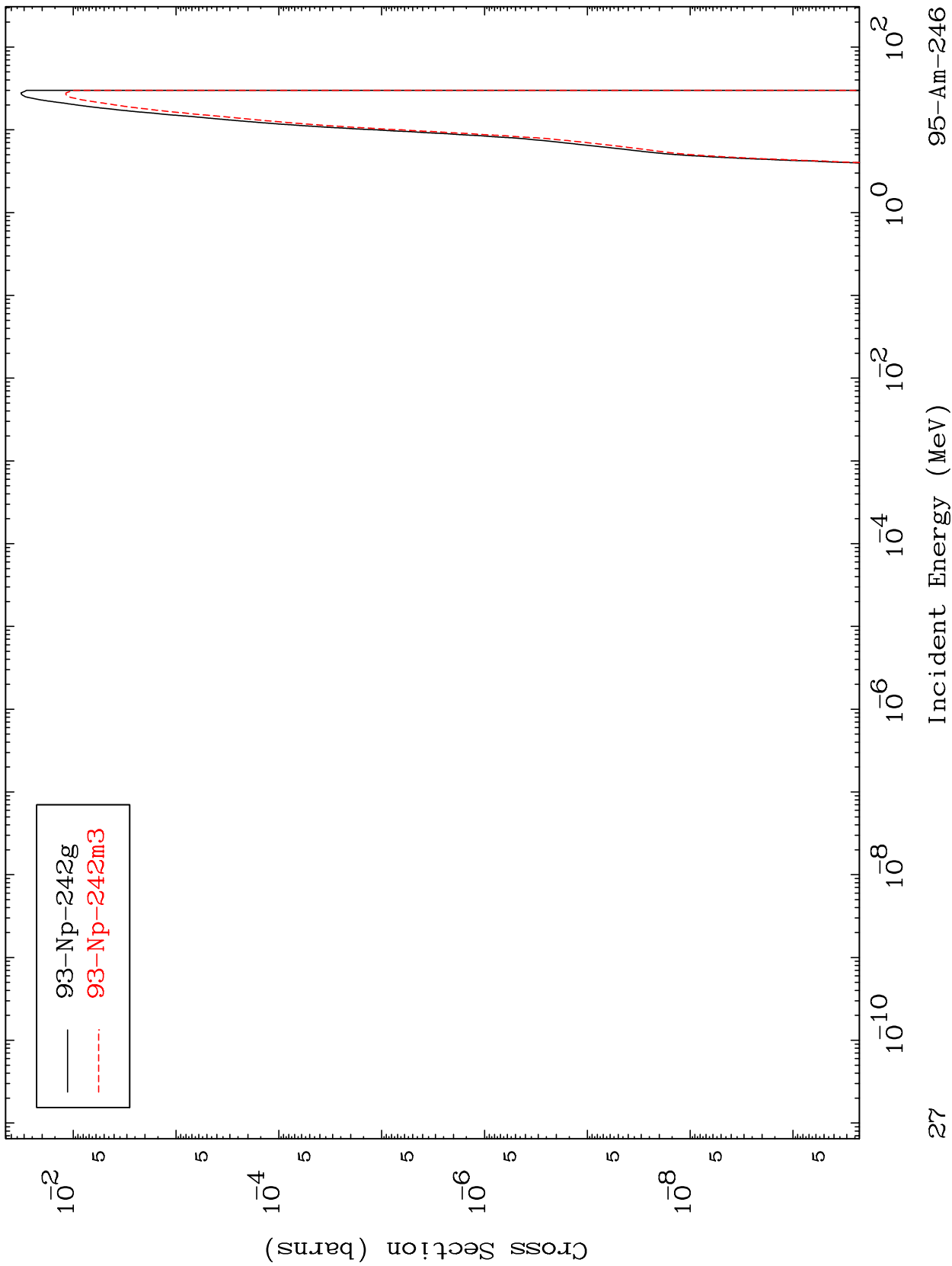
26

MAT 9558

(n,n')  $\alpha$

95-Am-246

Radionuclide Production Cross Section

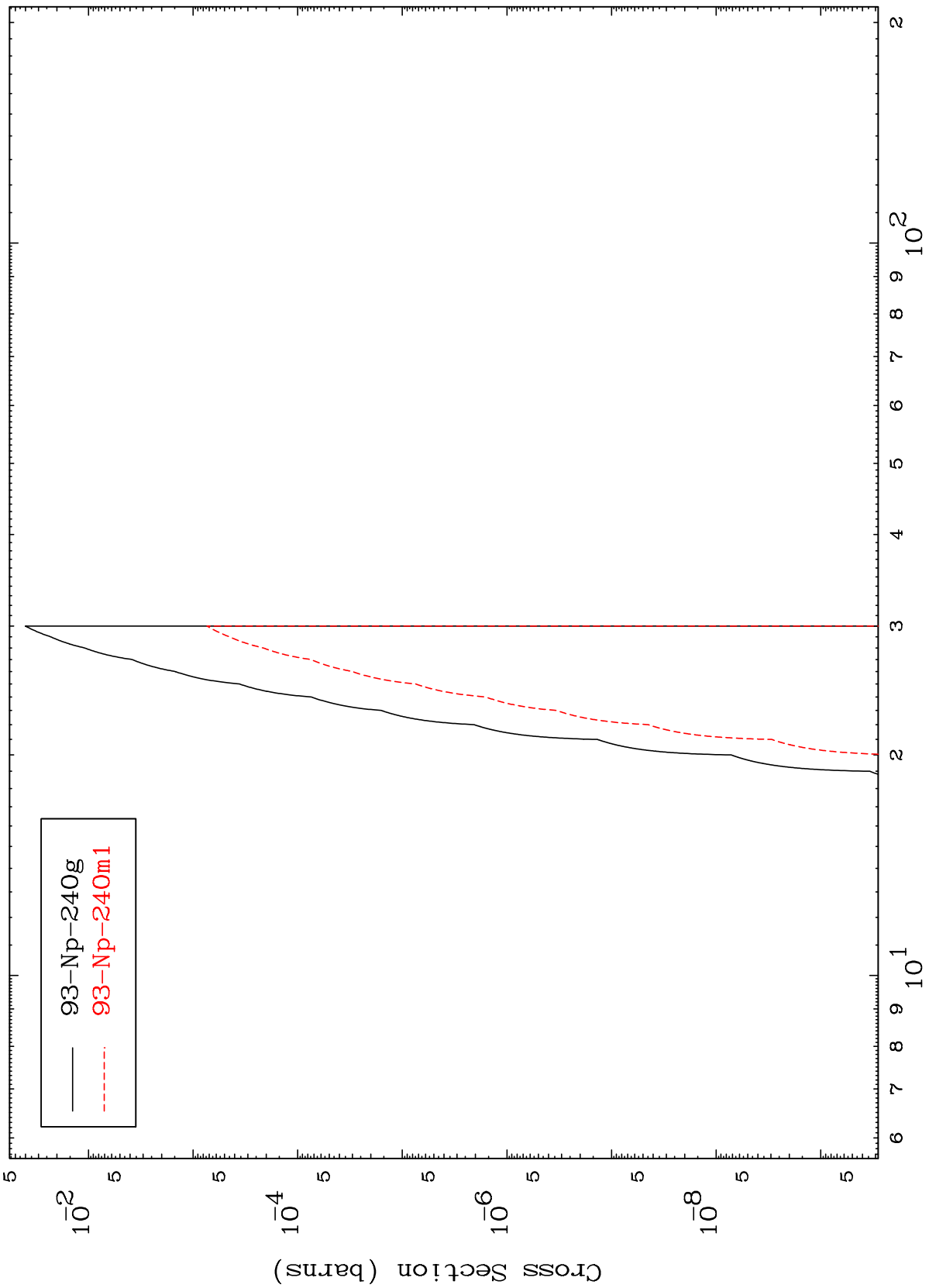


MAT 9558

(n,3n)  $\alpha$

95-Am-246

Radionuclide Production Cross Section



28

Incident Energy (MeV)

95-Am-246