

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

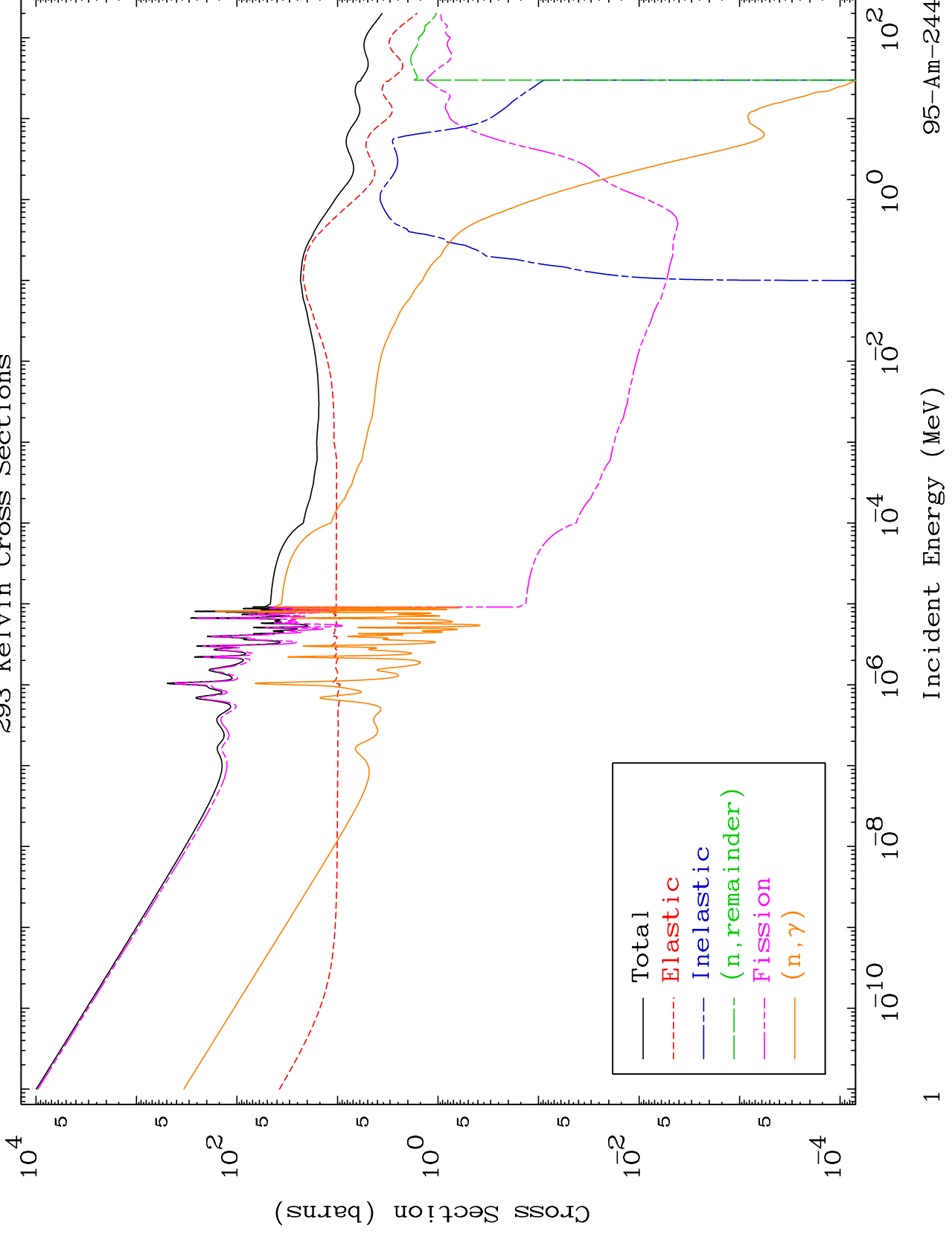
Press Mouse Button to Start

MAT 9552

Major

293 Kelvin Cross Sections

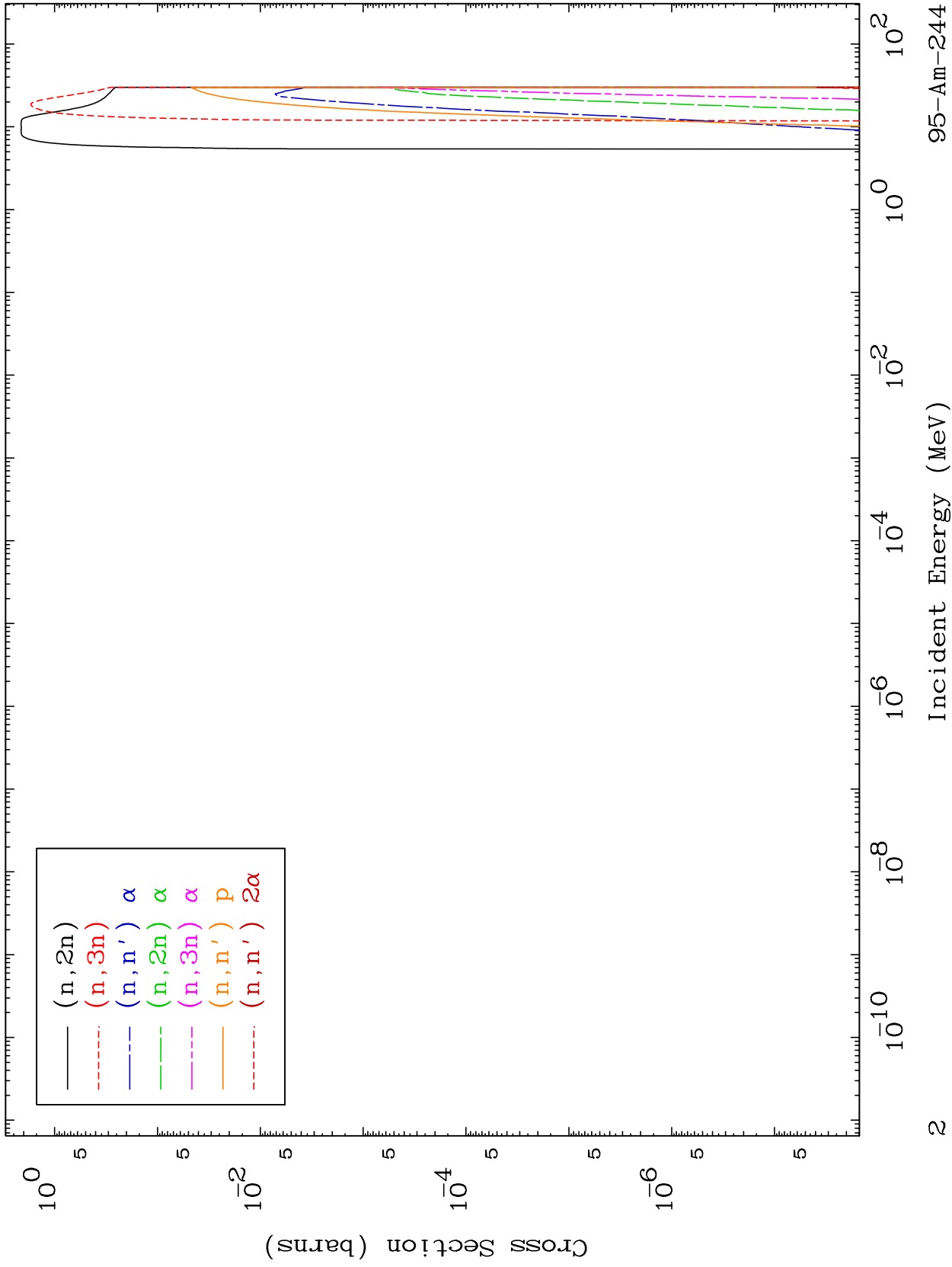
95-Am-244



MAT 9552

Neutron Production  
293 Kelvin Cross Sections

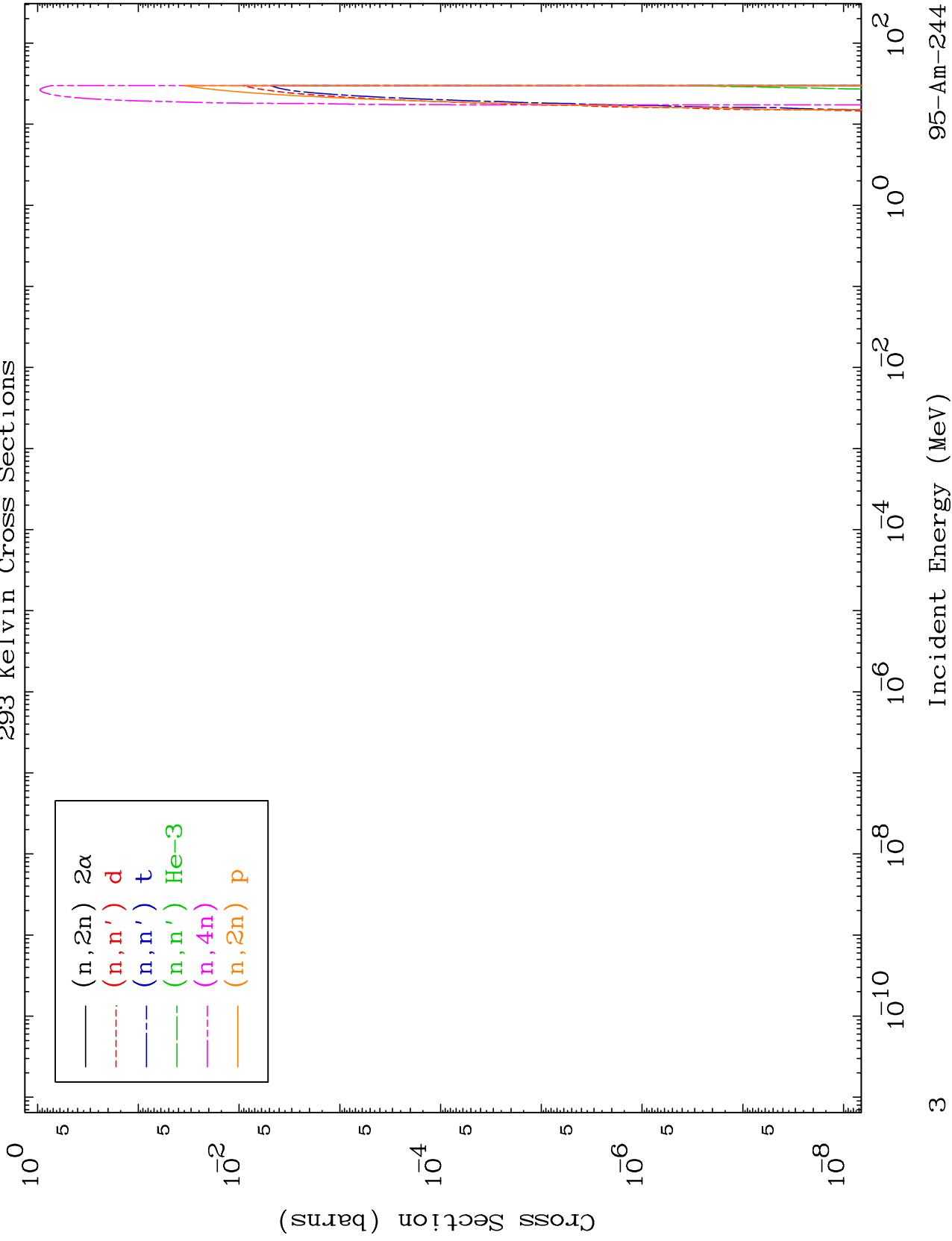
95-Am-244



MAT 9552

Neutron Production  
293 Kelvin Cross Sections

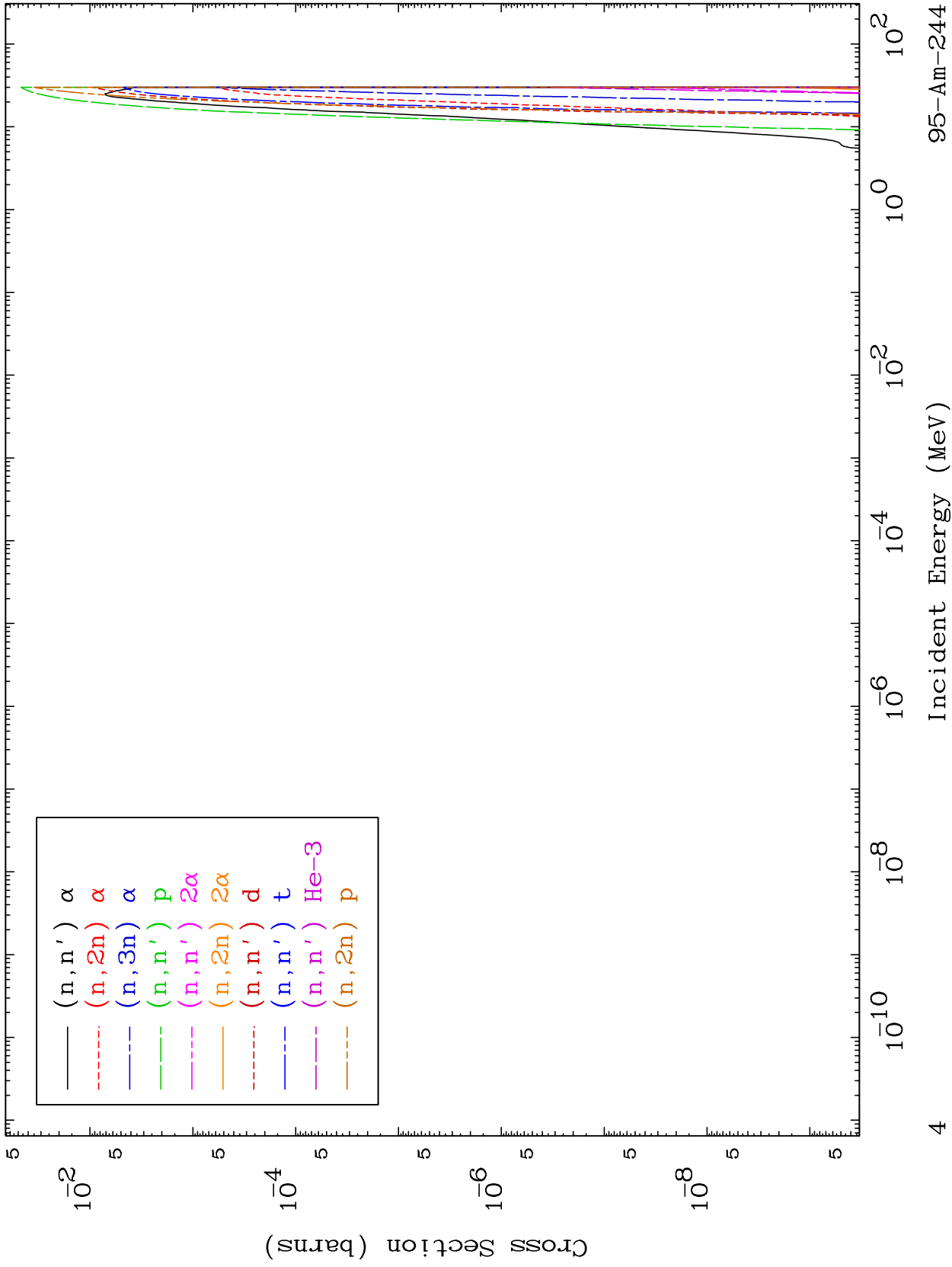
95-Am-244



MAT 9552

Charged Particle  
293 Kelvin Cross Sections

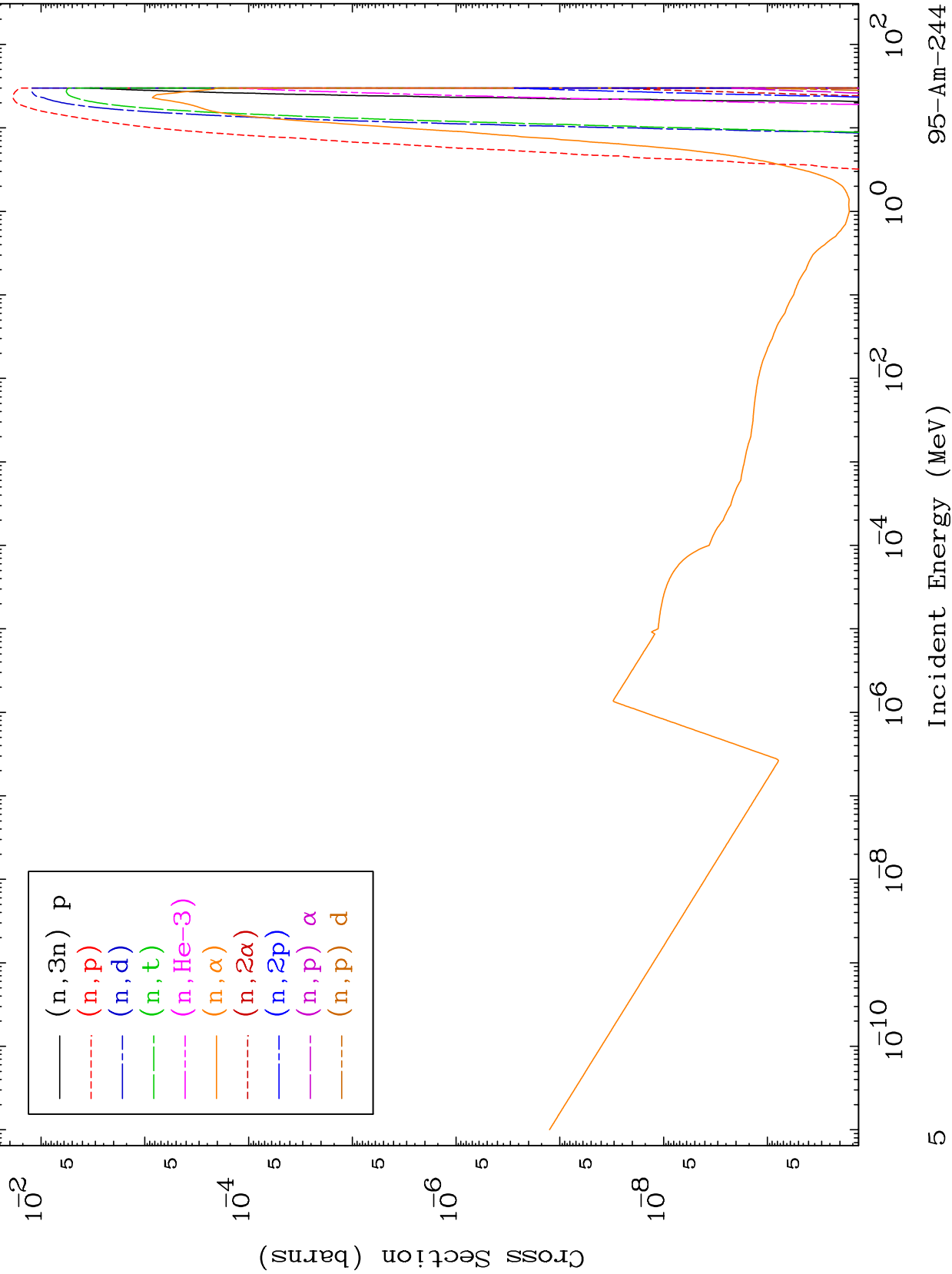
95-Am-244



MAT 9552

Charged Particle  
293 Kelvin Cross Sections

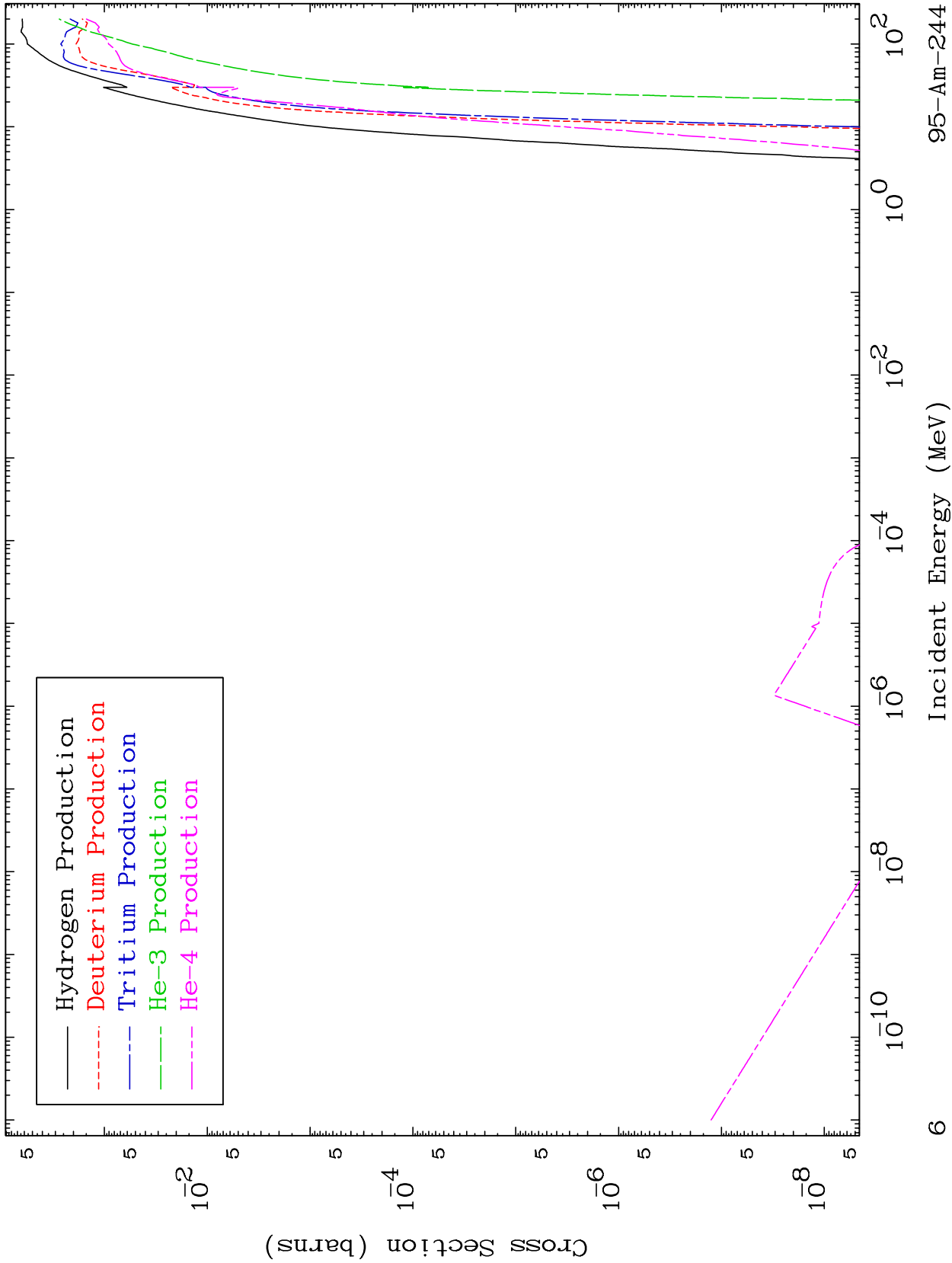
95-Am-244



MAT 9552

Particle Production  
293 Kelvin Cross Sections

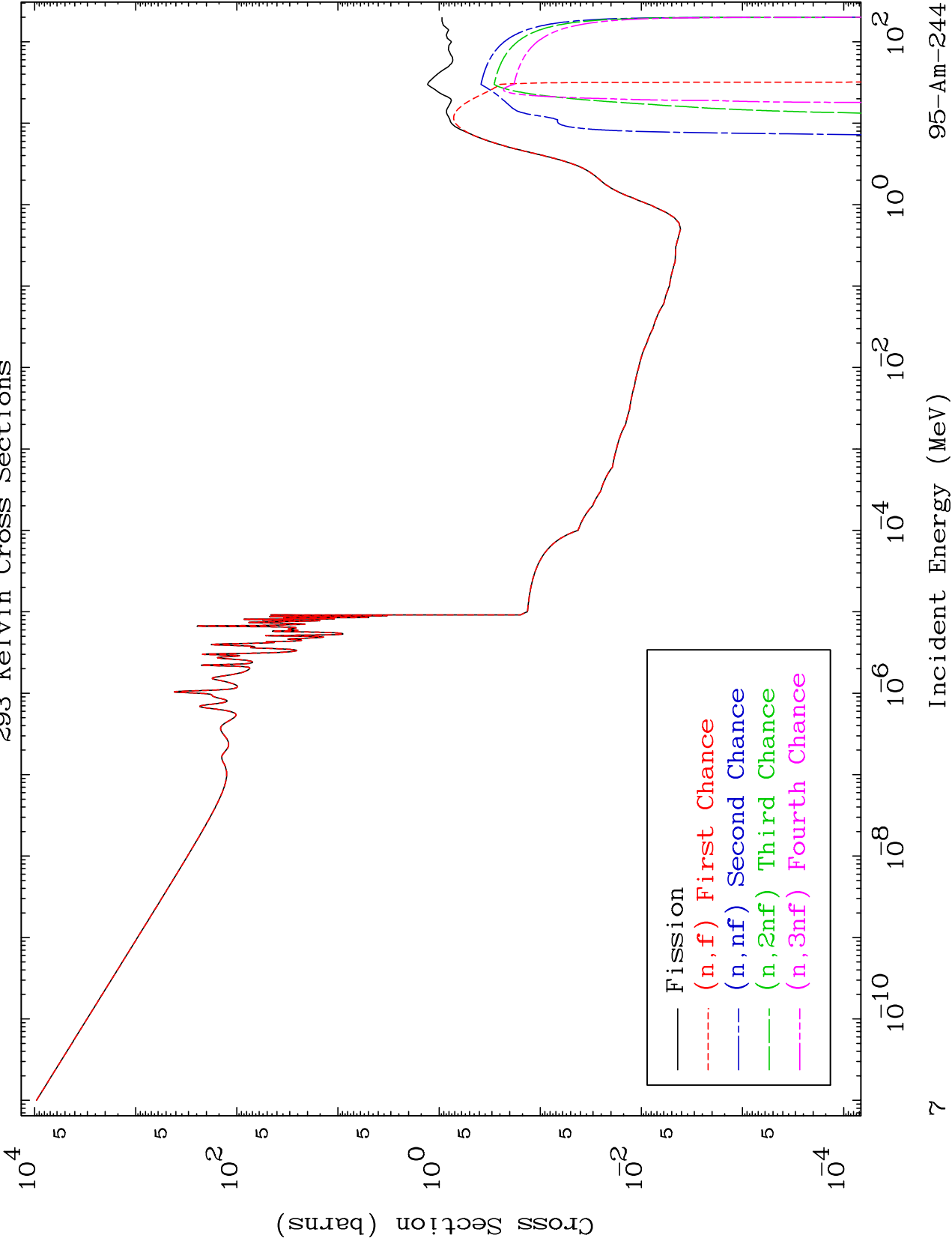
95-Am-244



MAT 9552

Fission  
293 Kelvin Cross Sections

95-Am-244



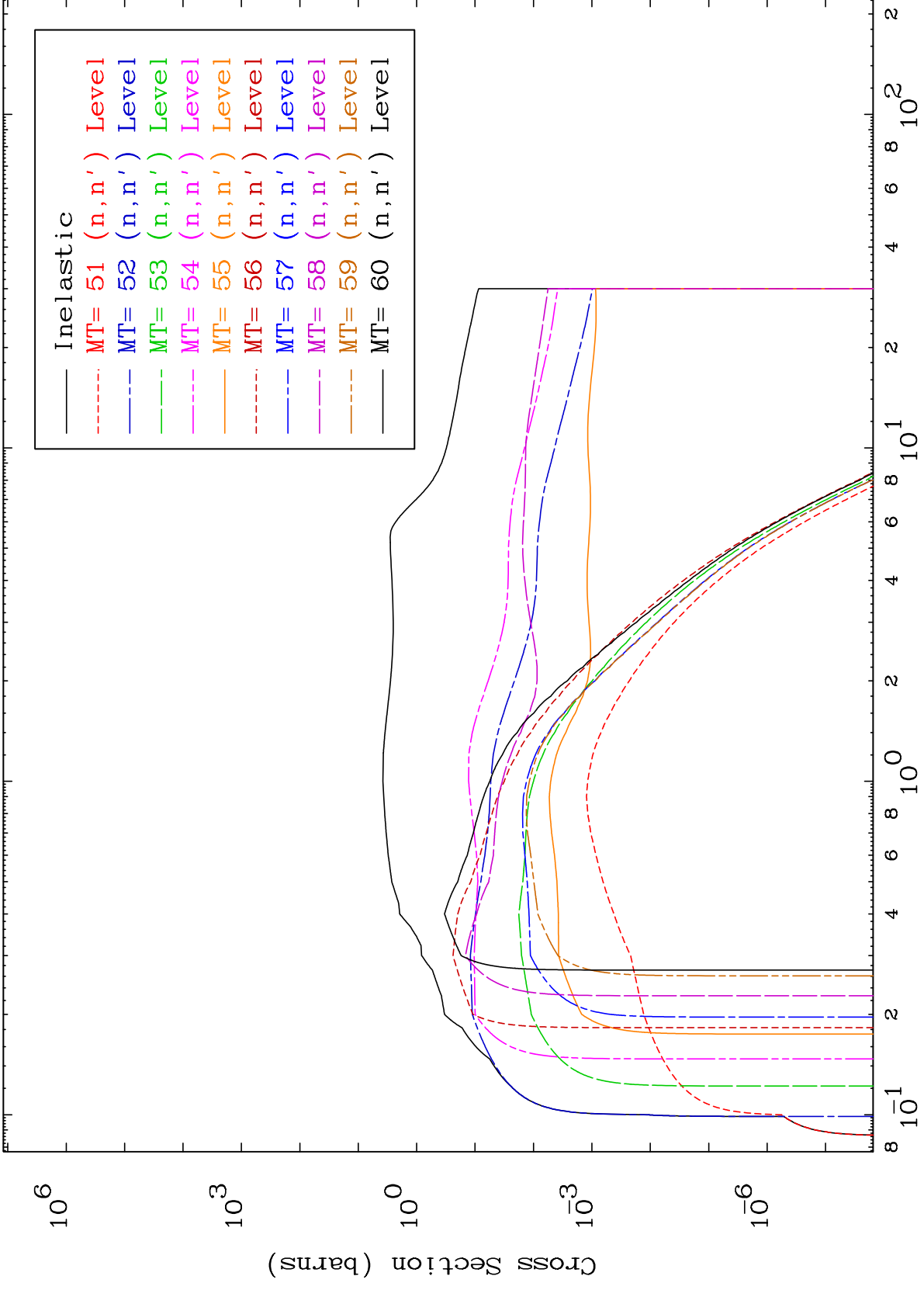


MAT 9552

(n,n') Level

95-Am-244

293 Kelvin Cross Sections



8

Incident Energy (MeV)

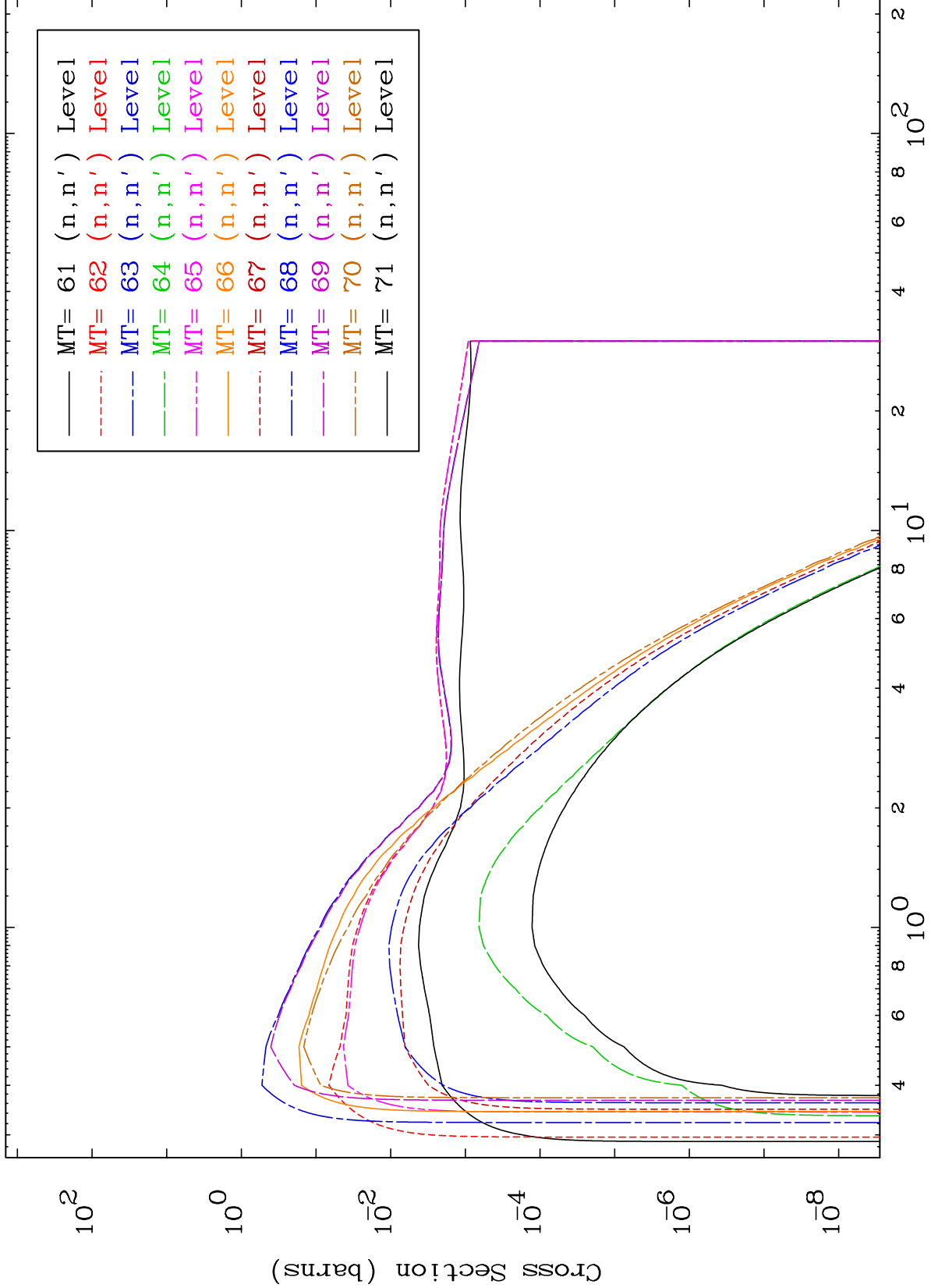
95-Am-244

MAT 9552

(n,n') Level

95-Am-244

293 Kelvin Cross Sections



9

Incident Energy (MeV)

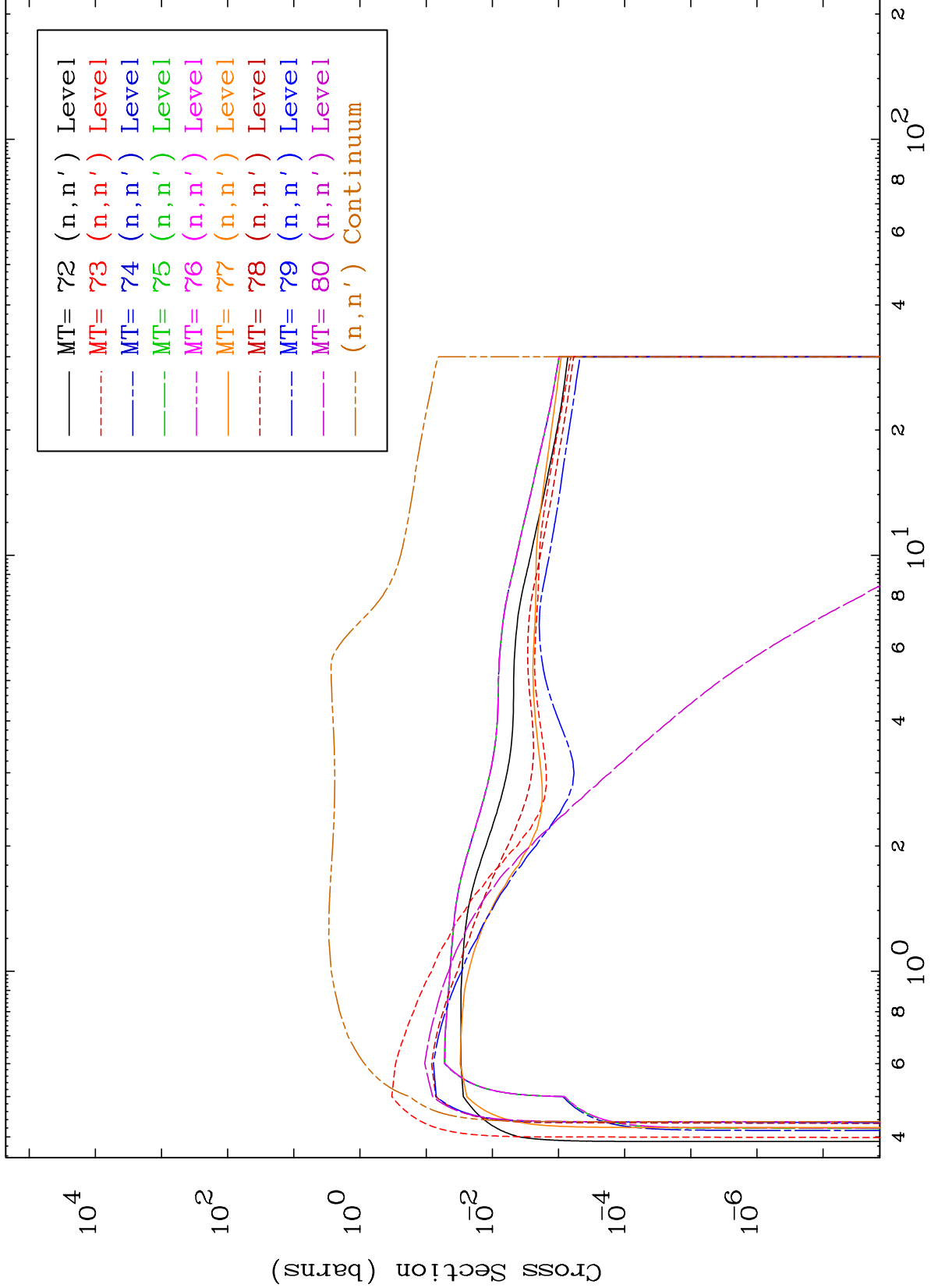
95-Am-244

MAT 9552

(n,n') Level

95-Am-244

293 Kelvin Cross Sections



10

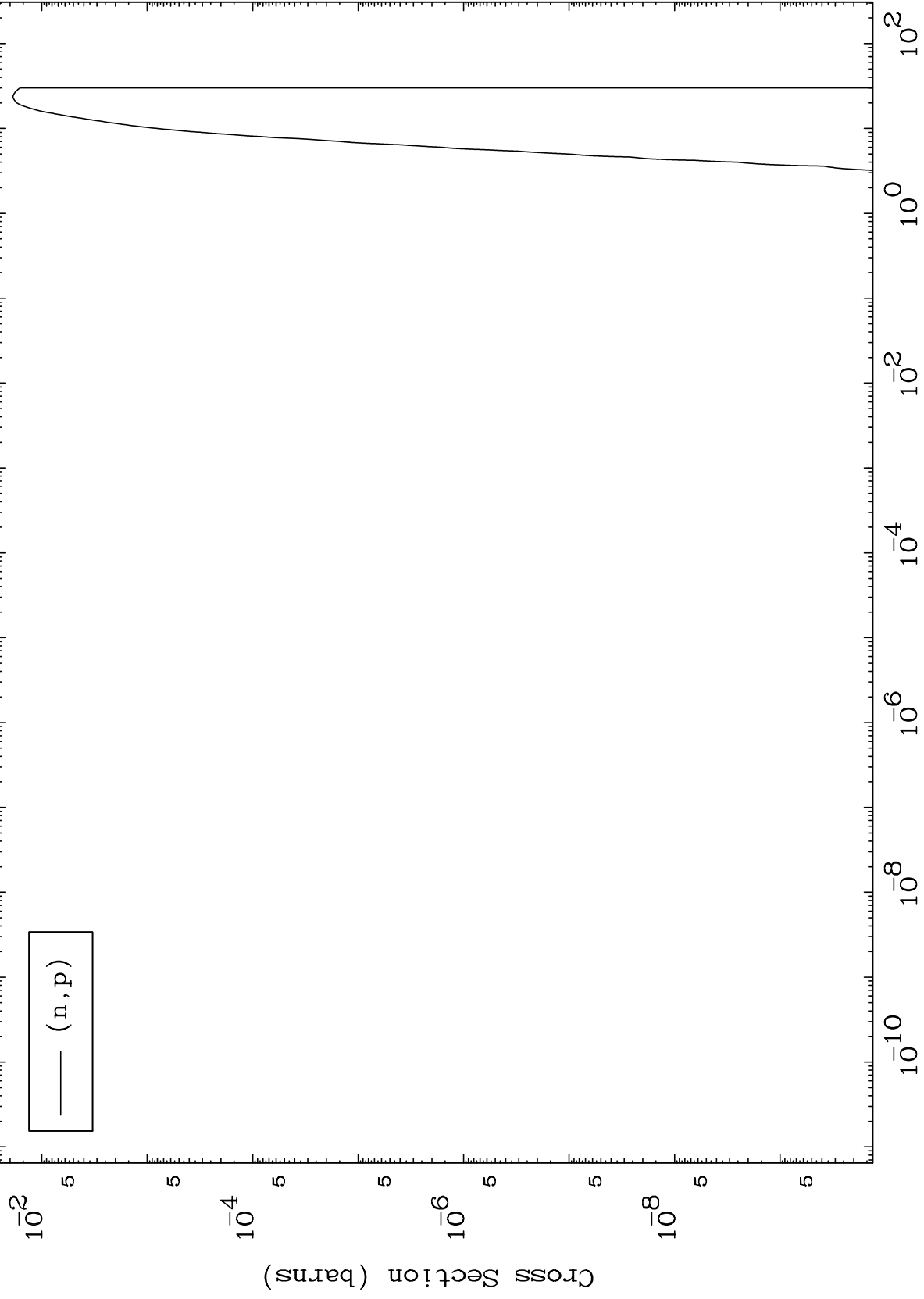
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,p) Levels  
293 Kelvin Cross Sections

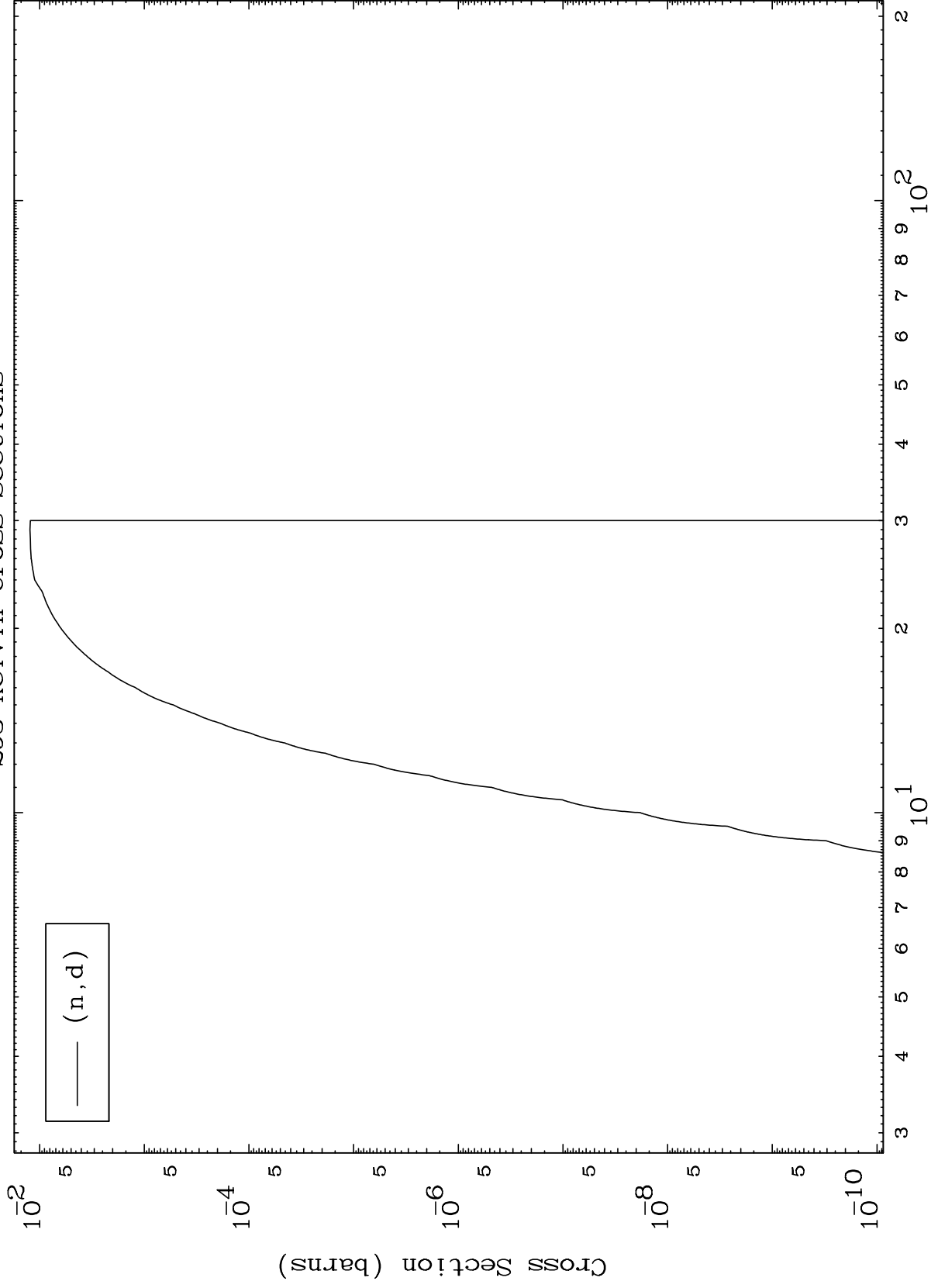
95-Am-244



MAT 9552

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-244



12

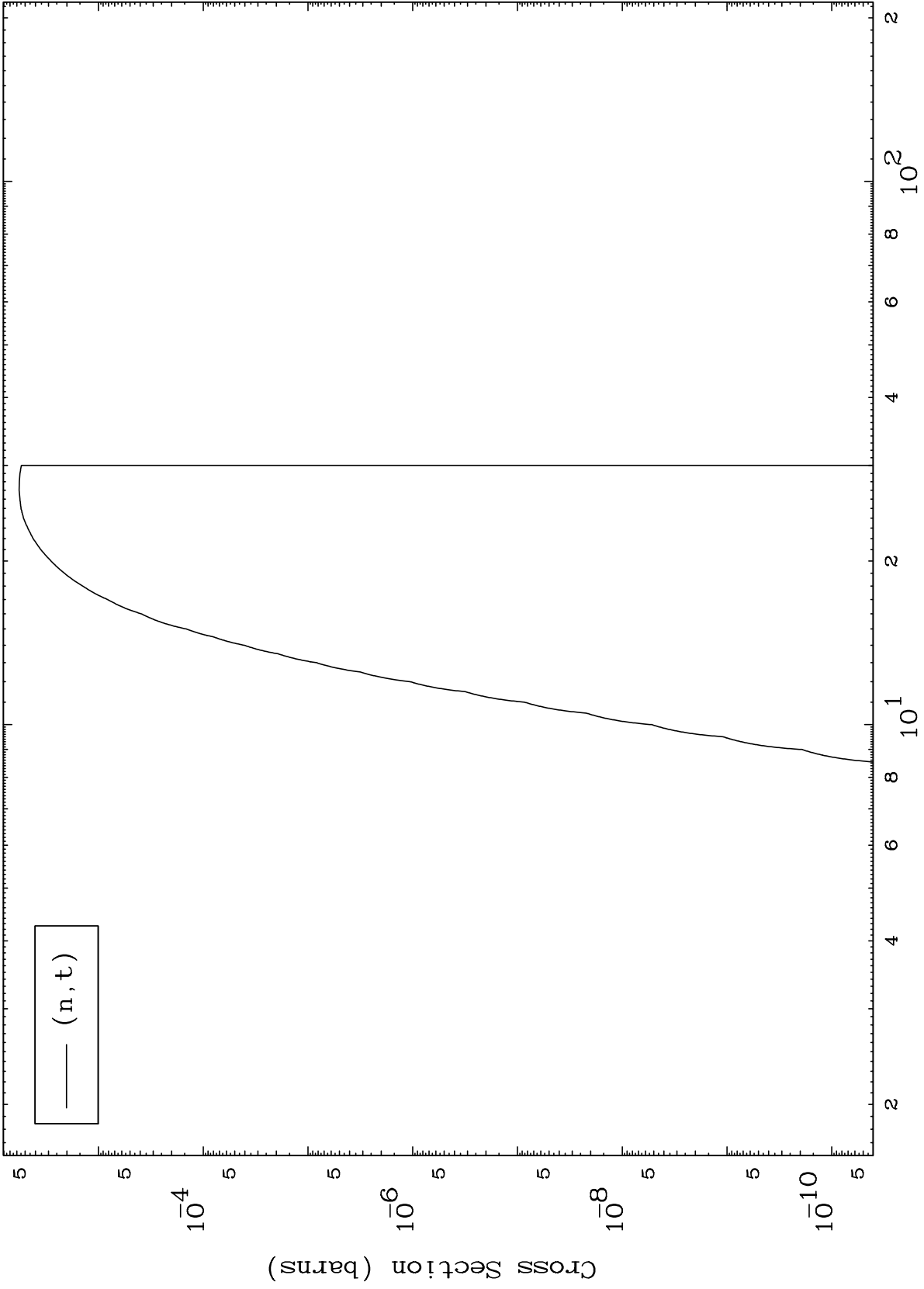
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,t) Levels  
293 Kelvin Cross Sections

95-Am-244



13

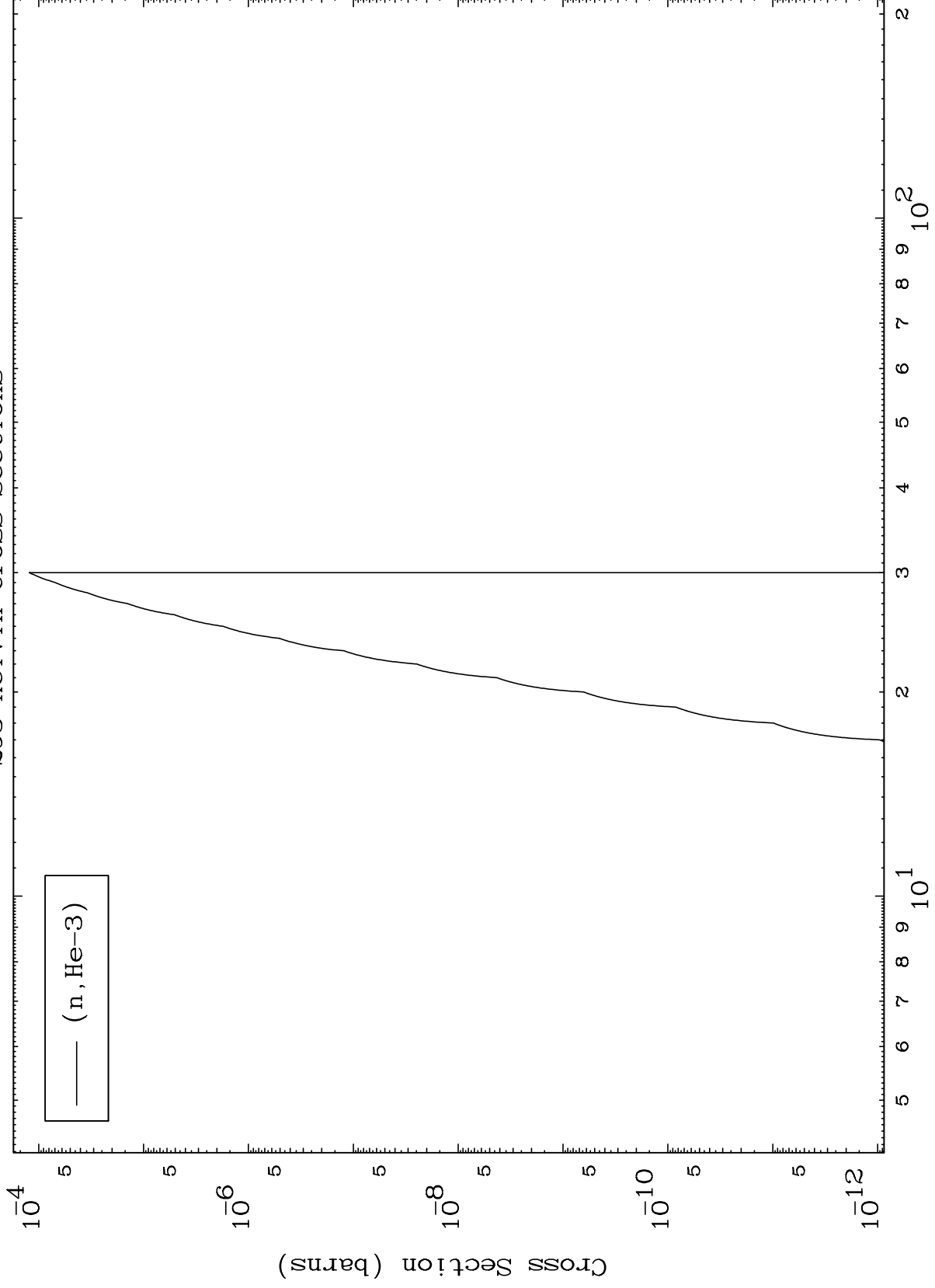
Incident Energy (MeV)

95-Am-244

MAT 9552

(n,He3) Levels  
293 Kelvin Cross Sections

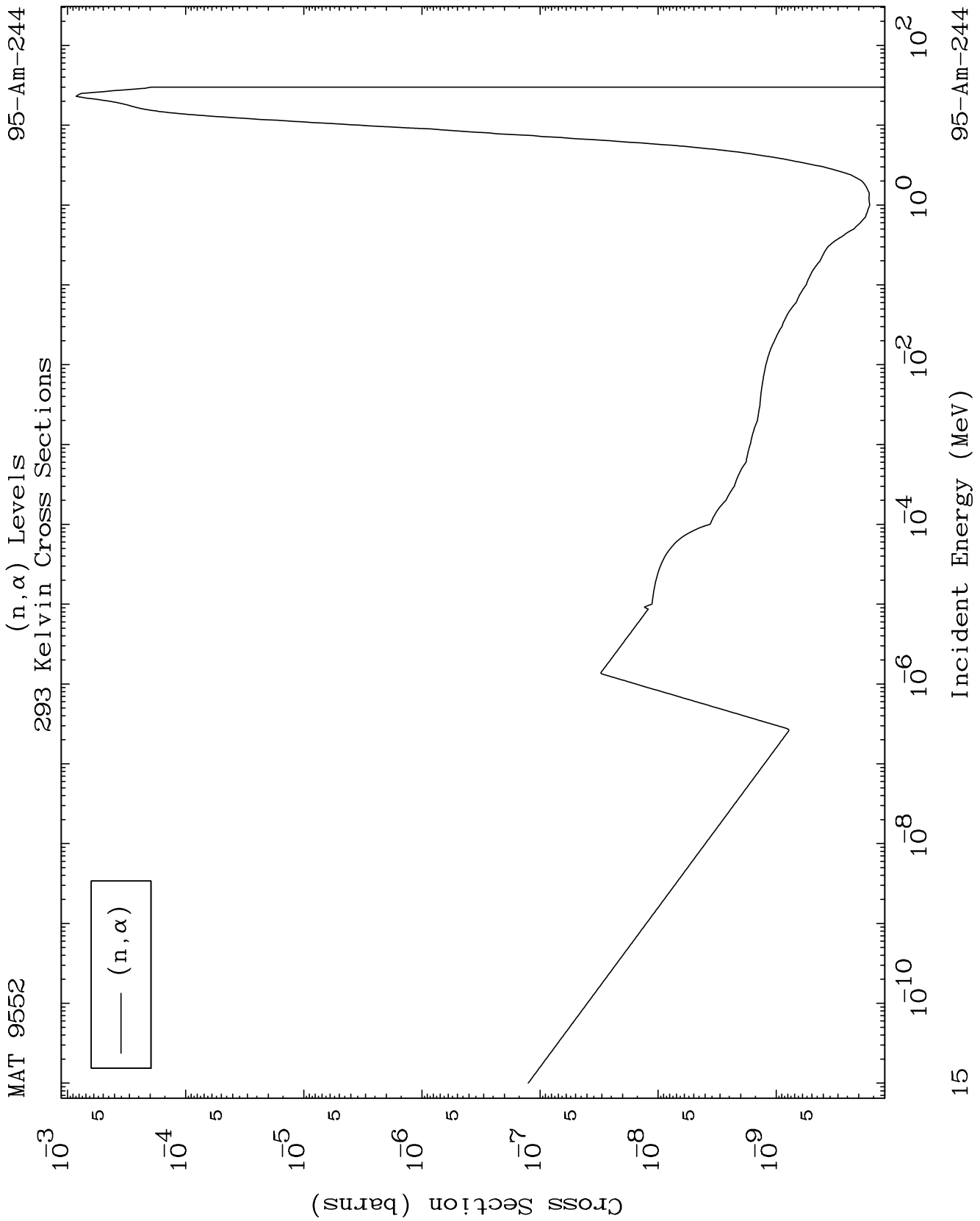
95-Am-244



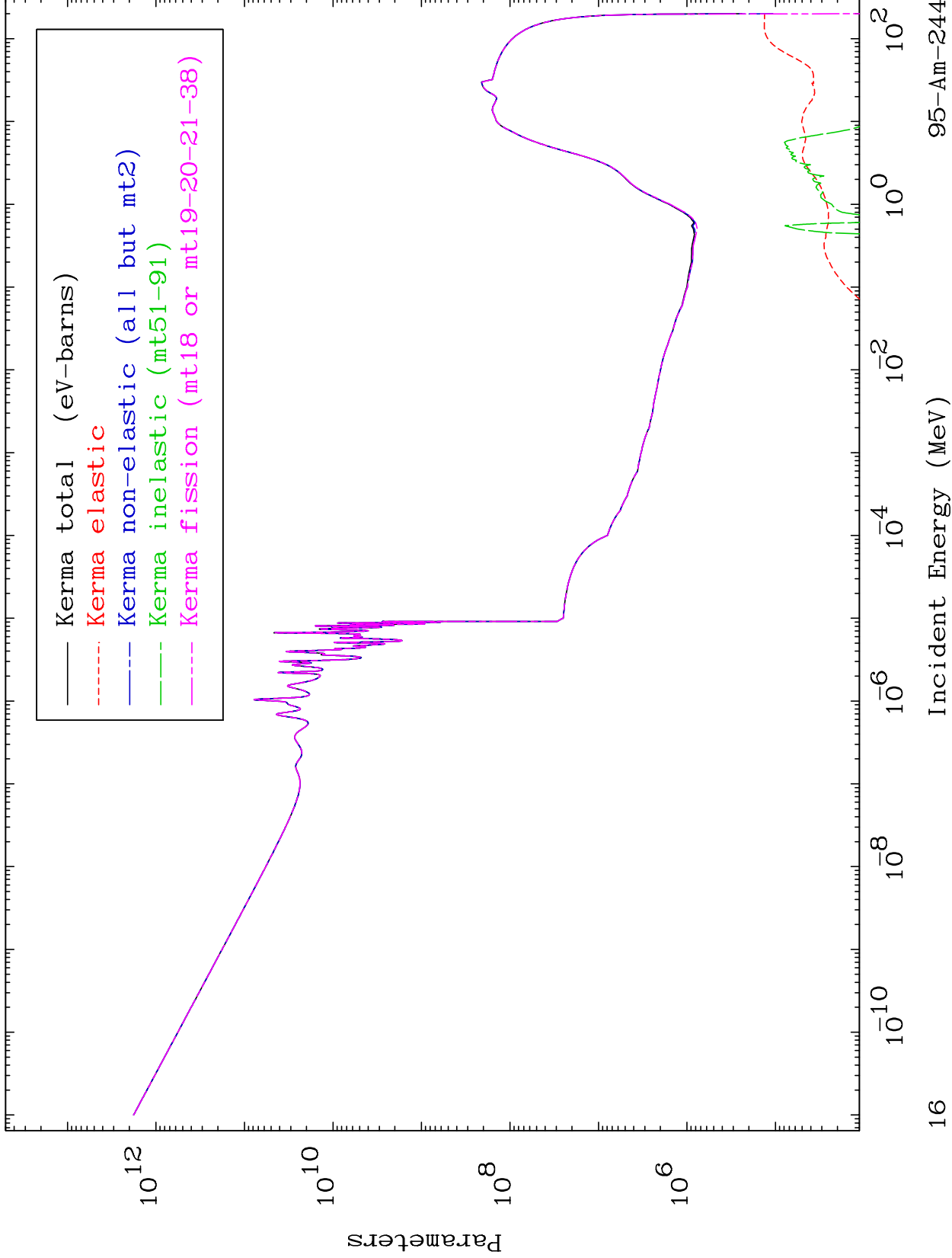
14

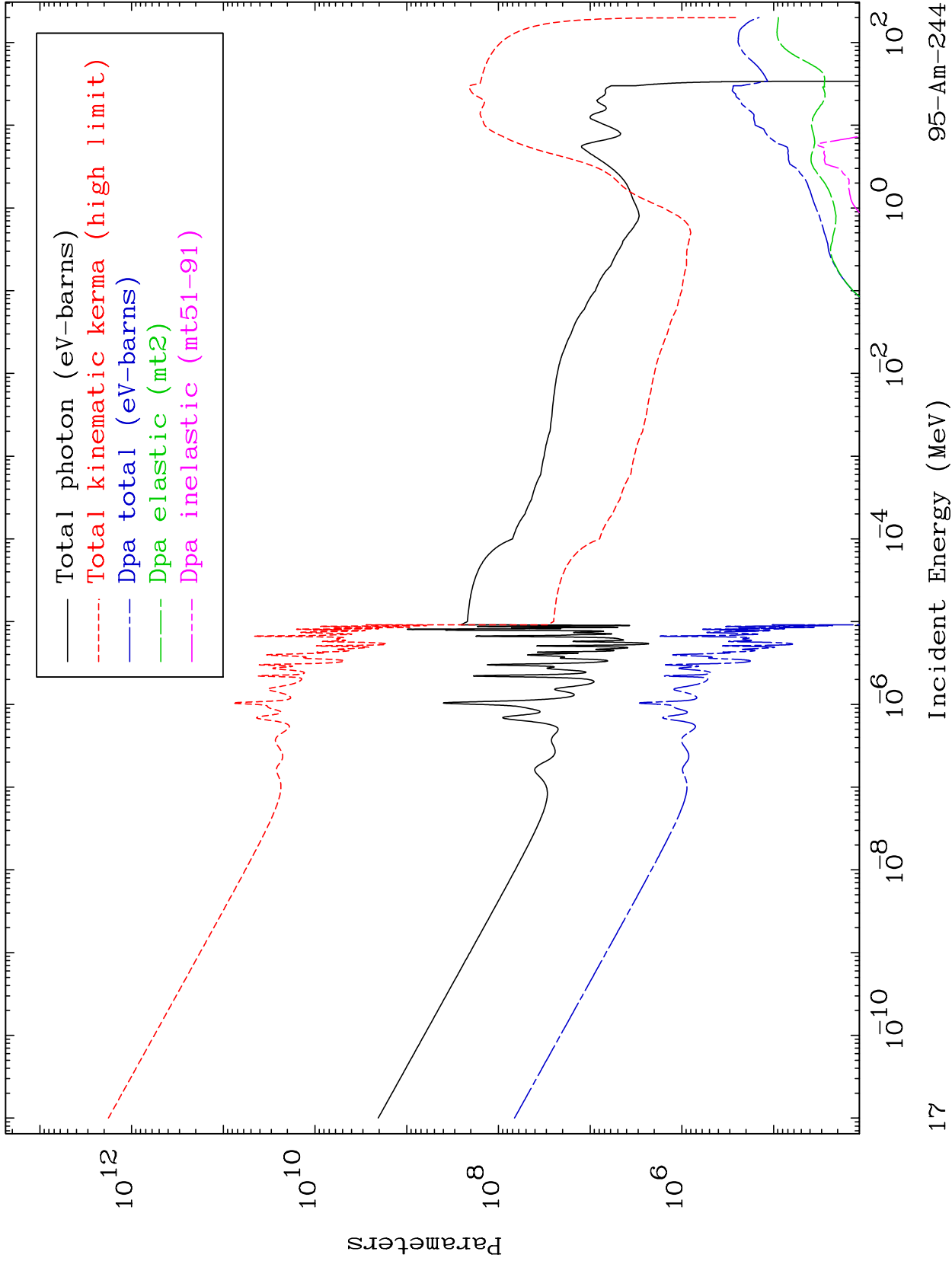
Incident Energy (MeV)

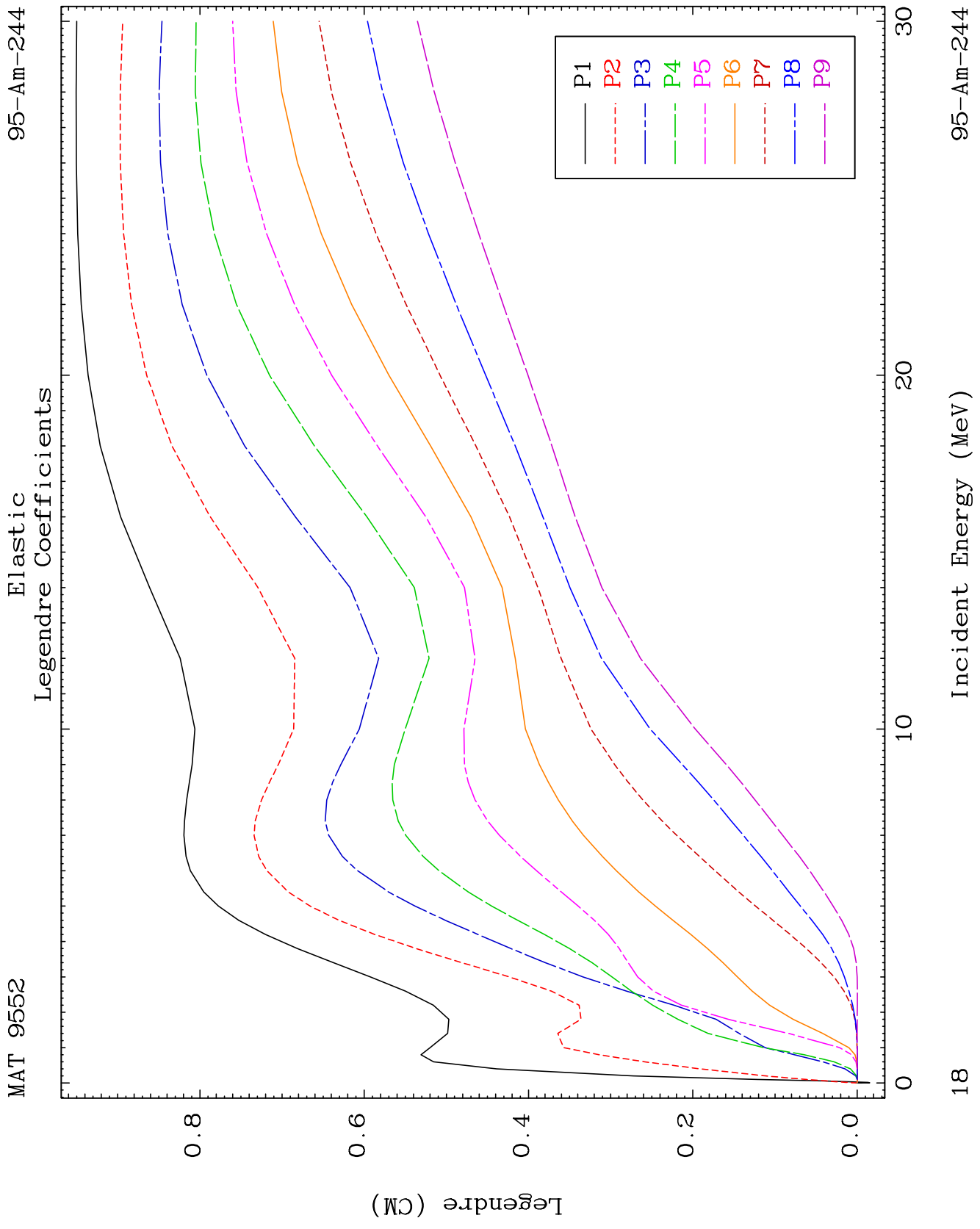
95-Am-244







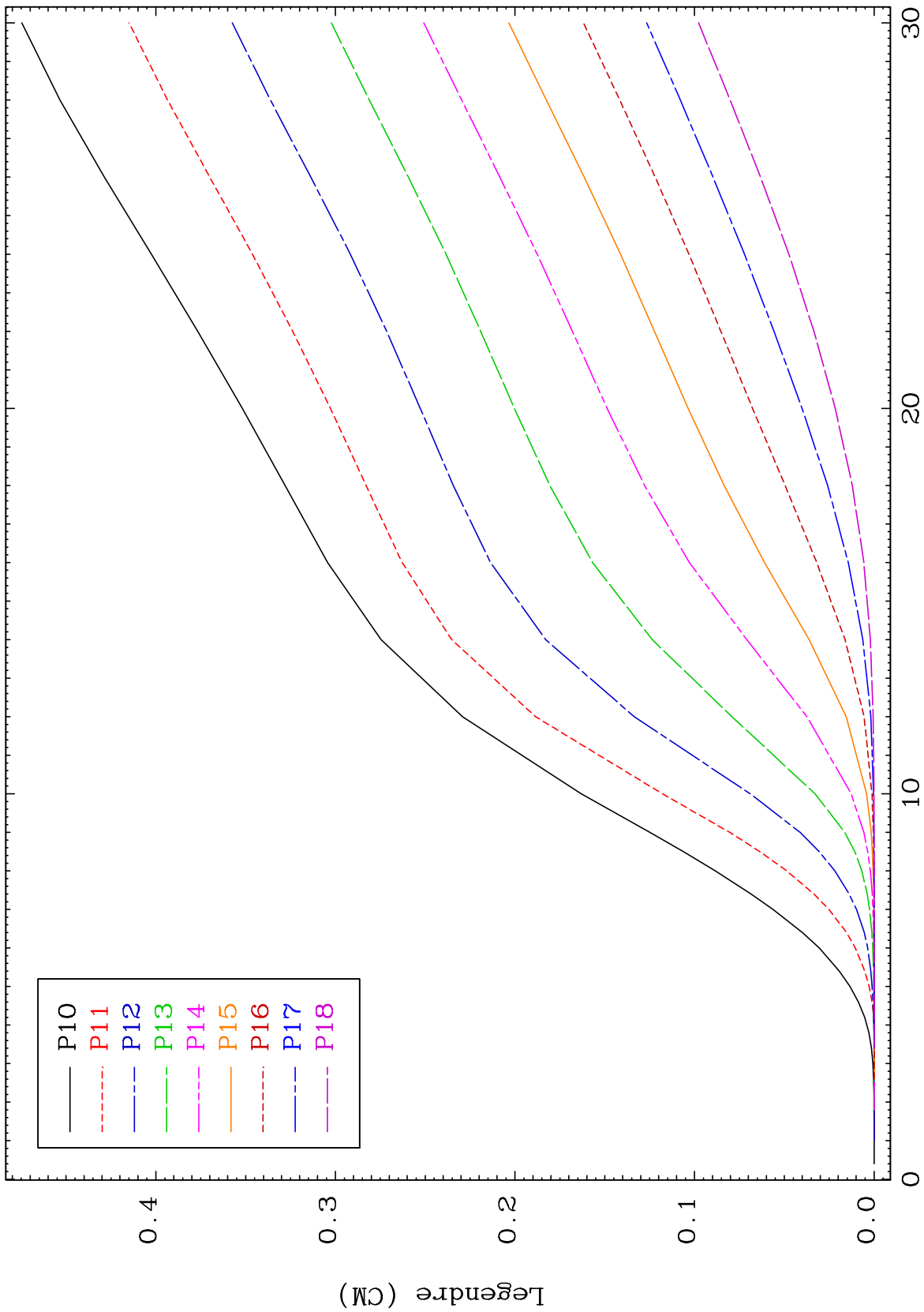




MAT 9552

Elastic Legendre Coefficients

95-Am-244



19

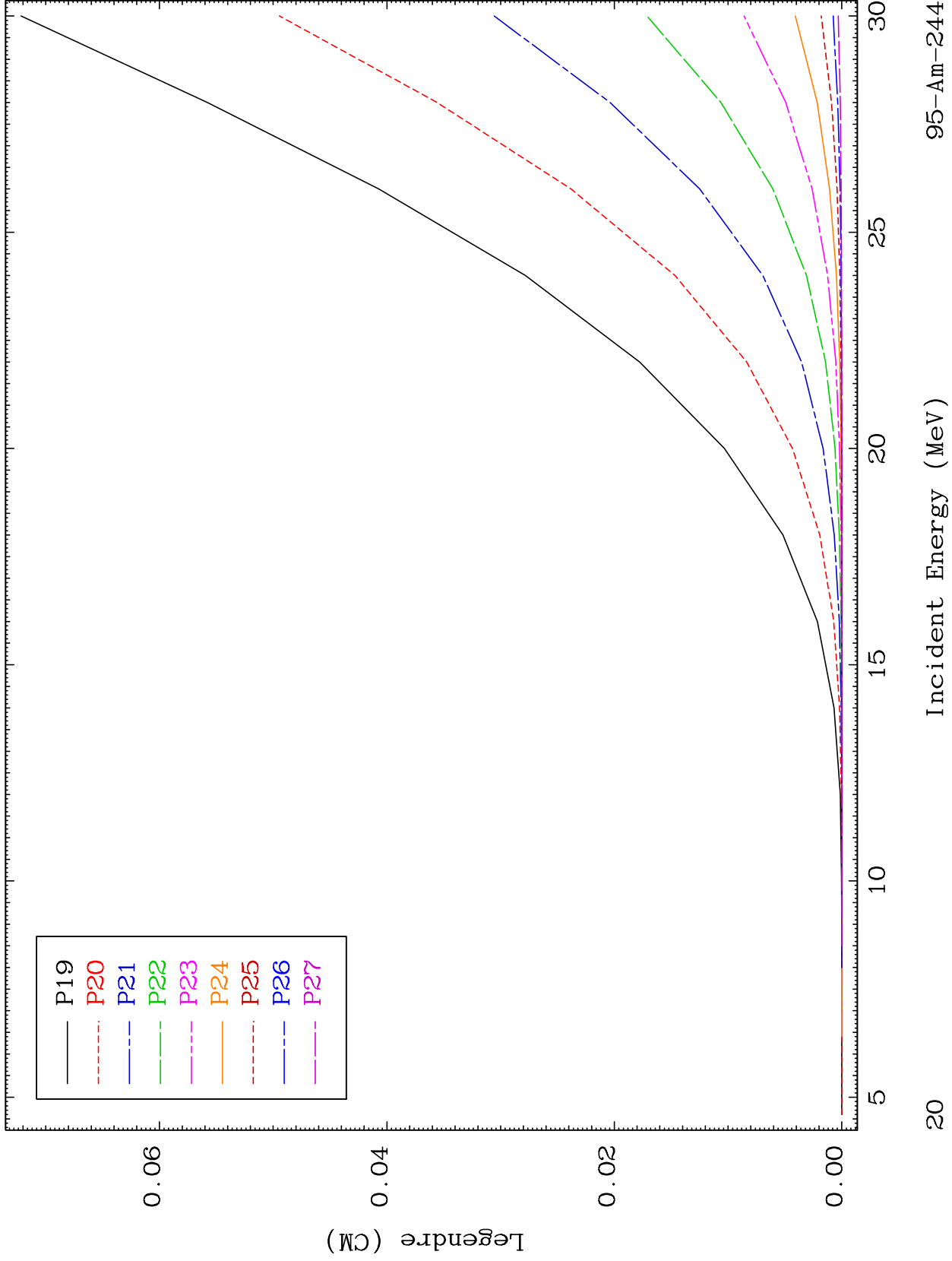
Incident Energy (MeV)

95-Am-244

MAT 9552

### Elastic Legendre Coefficients

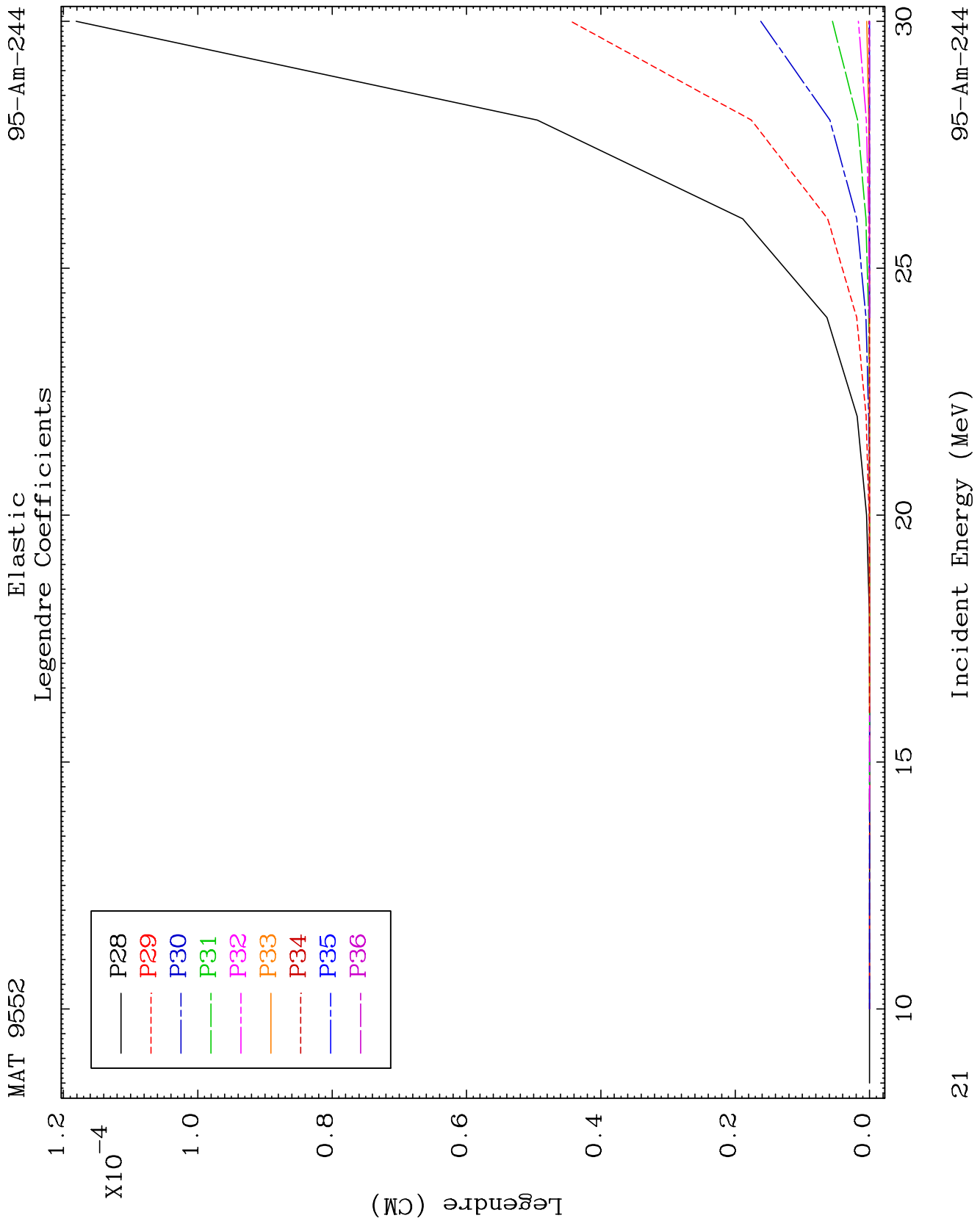
95-Am-244



95-Am-244

Incident Energy (MeV)

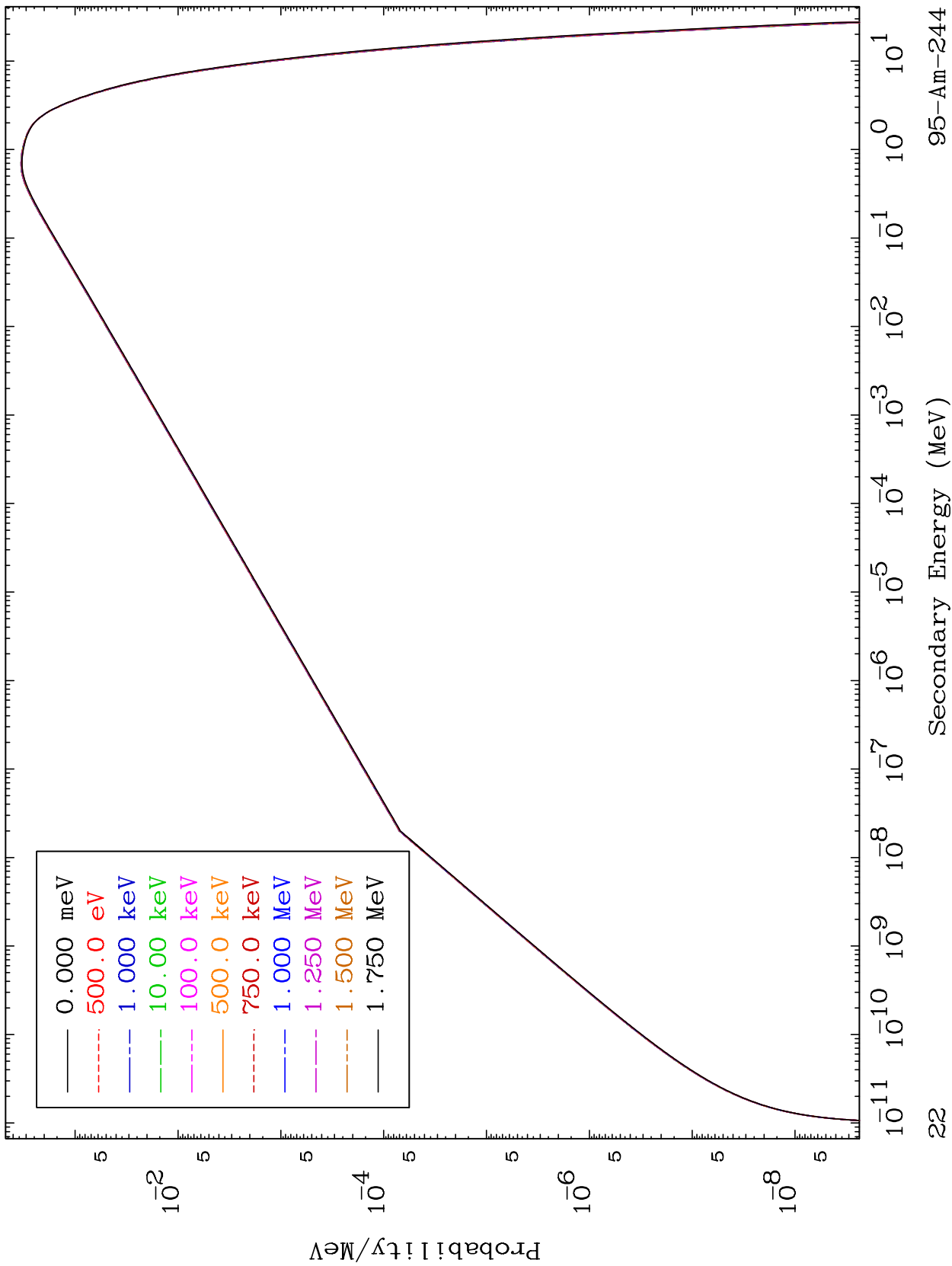
20



MAT 9552

### Fission Energy Distribution

95-Am-244



95-Am-244

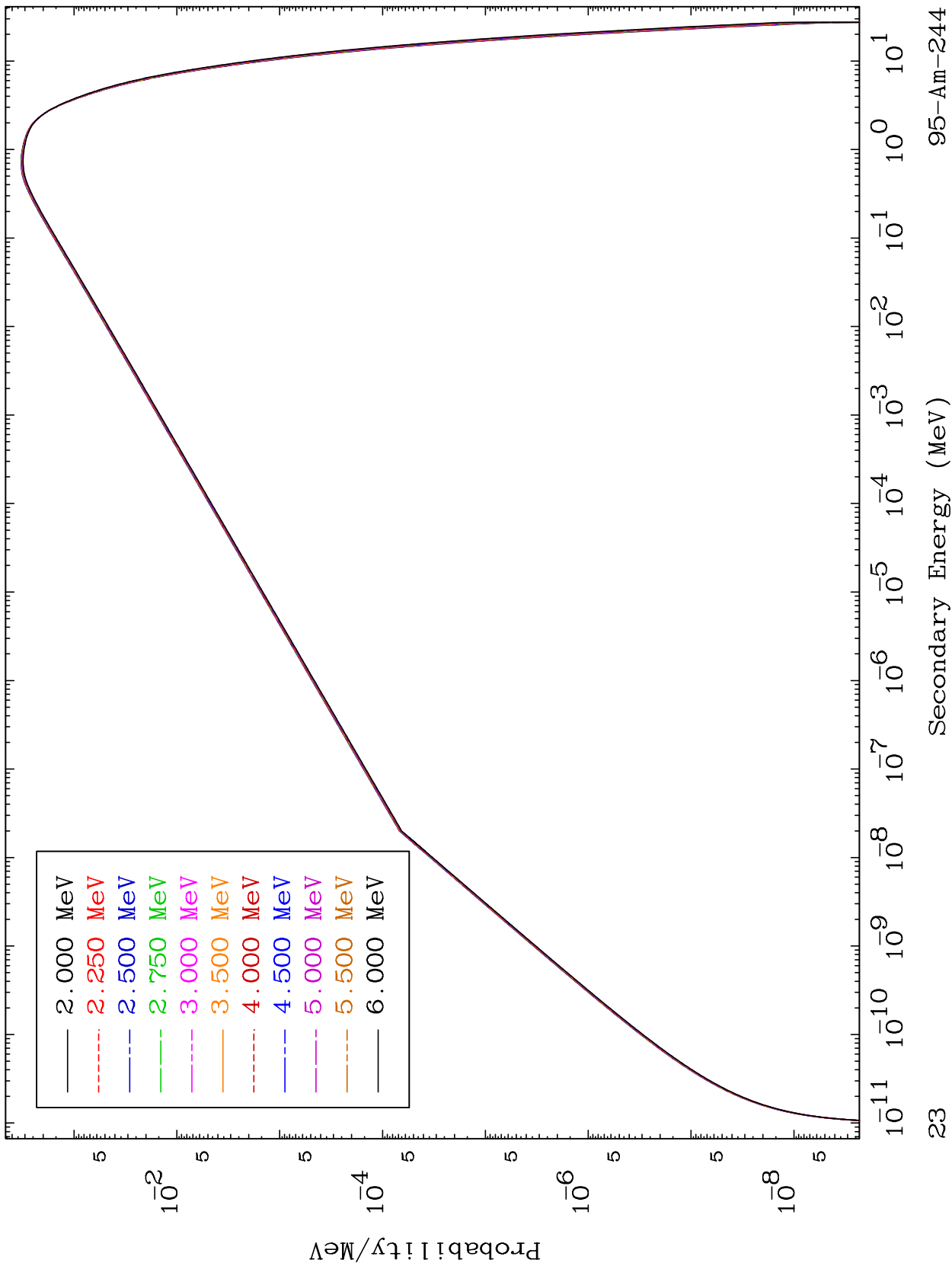
Secondary Energy (MeV)

22

MAT 9552

### Fission Energy Distribution

95-Am-244



95-Am-244

Secondary Energy (MeV)

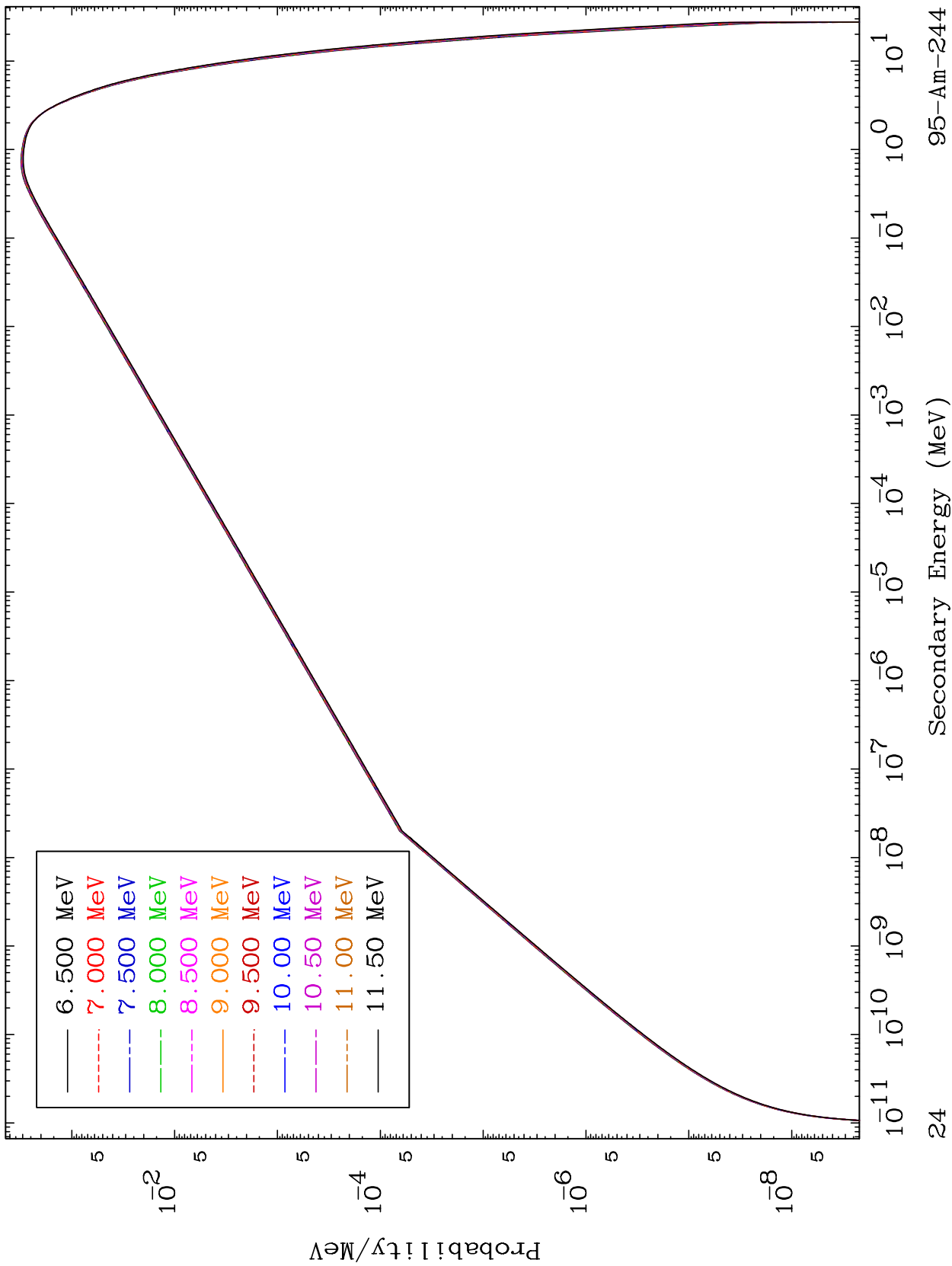
23



MAT 9552

### Fission Energy Distribution

95-Am-244



95-Am-244

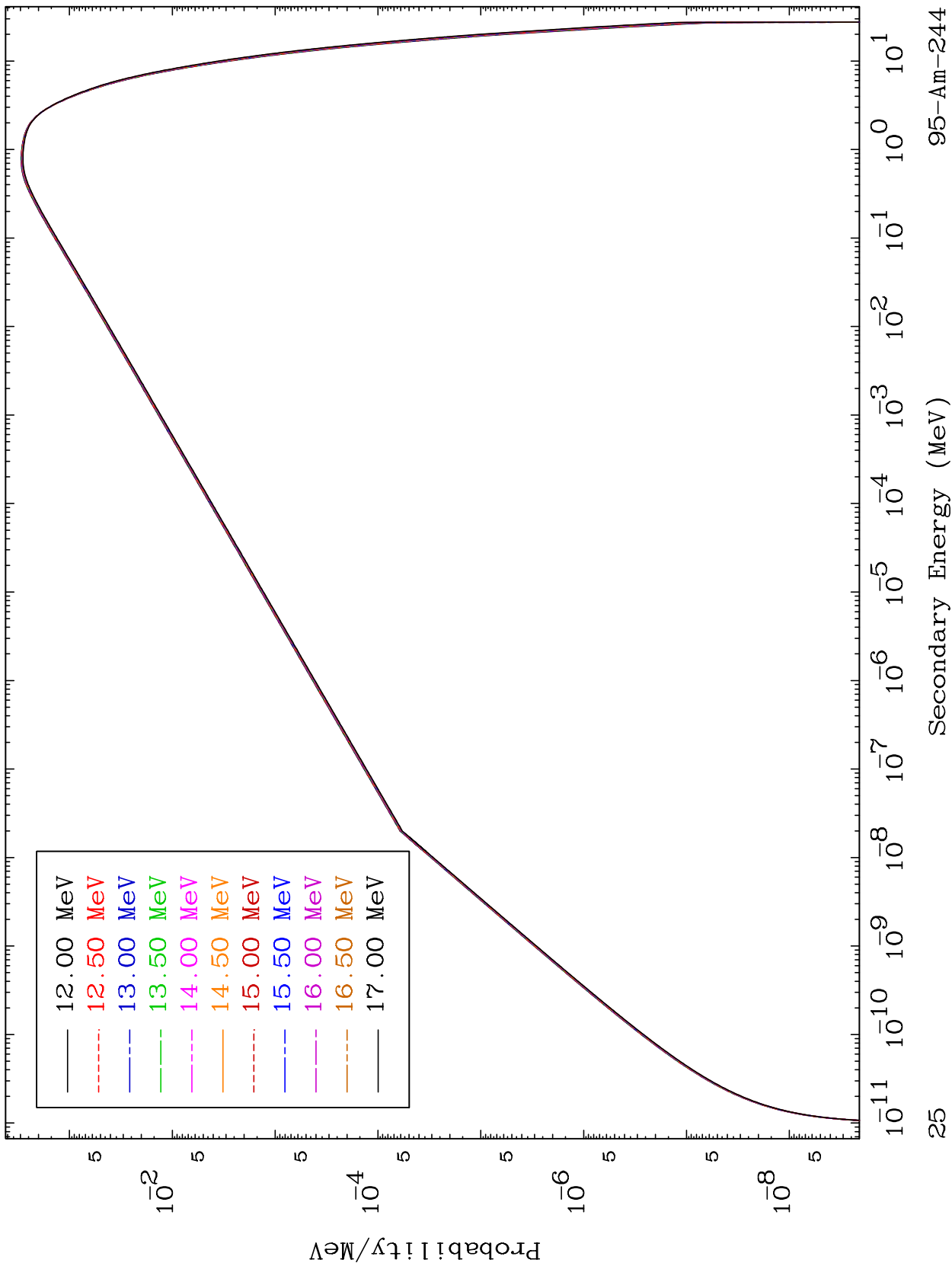
Secondary Energy (MeV)

24

MAT 9552

### Fission Energy Distribution

95-Am-244



95-Am-244

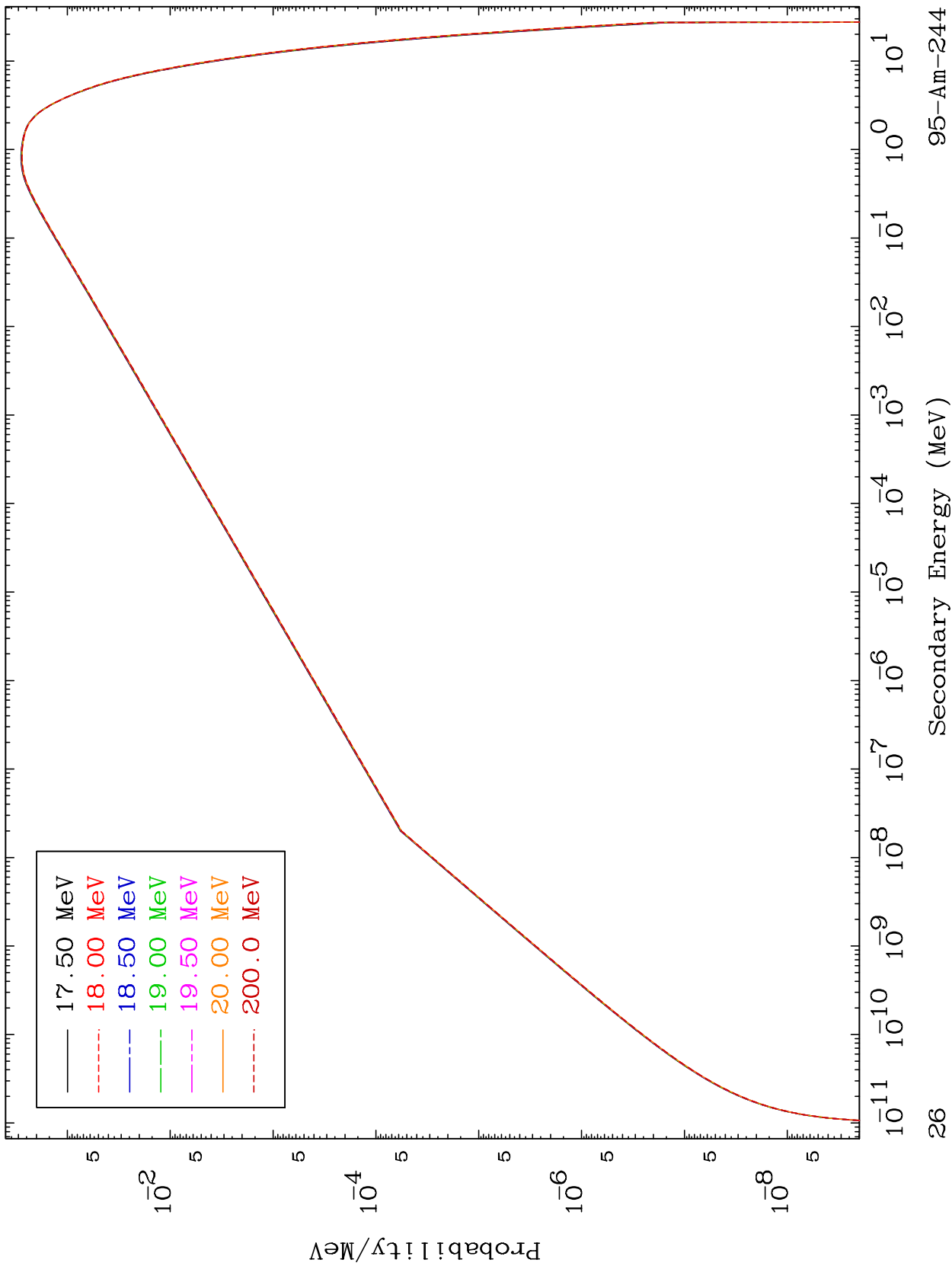
Secondary Energy (MeV)

25

MAT 9552

### Fission Energy Distribution

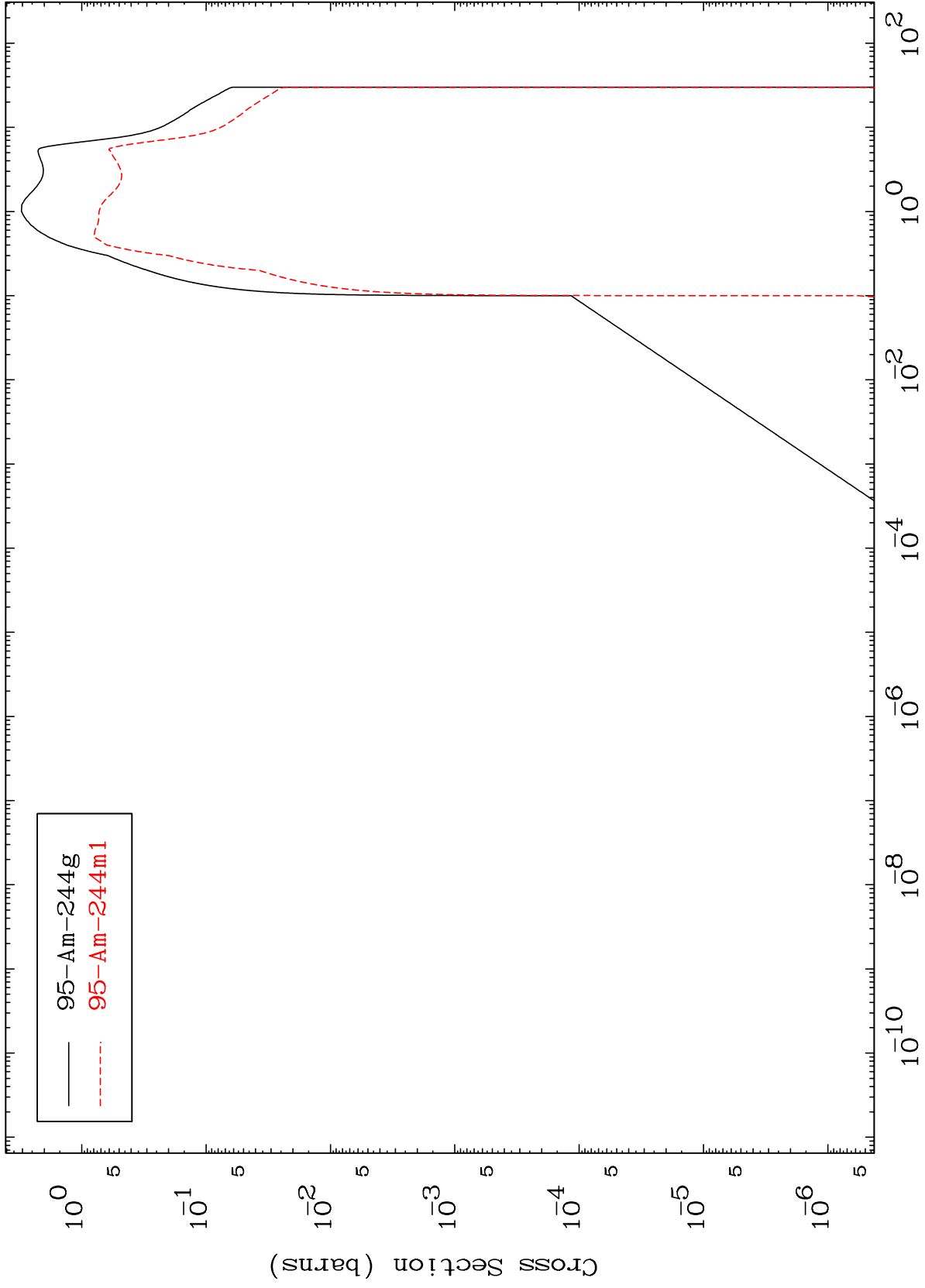
95-Am-244



MAT 9552

Inelastic  
Radionuclide Production Cross Section

95-Am-244



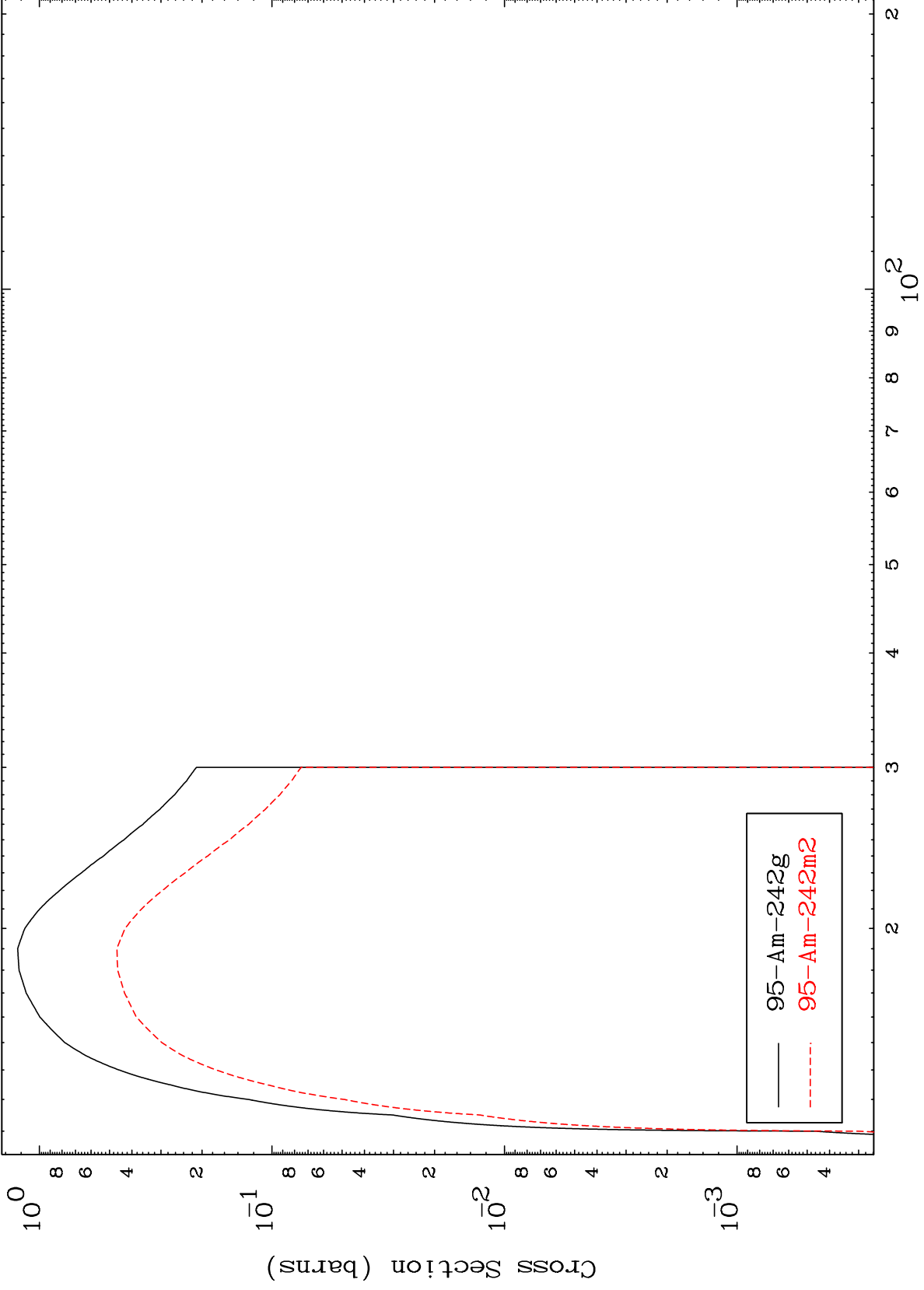
95-Am-244

MAT 9552

(n,3n)

95-Am-244

Radionuclide Production Cross Section



28

Incident Energy (MeV)

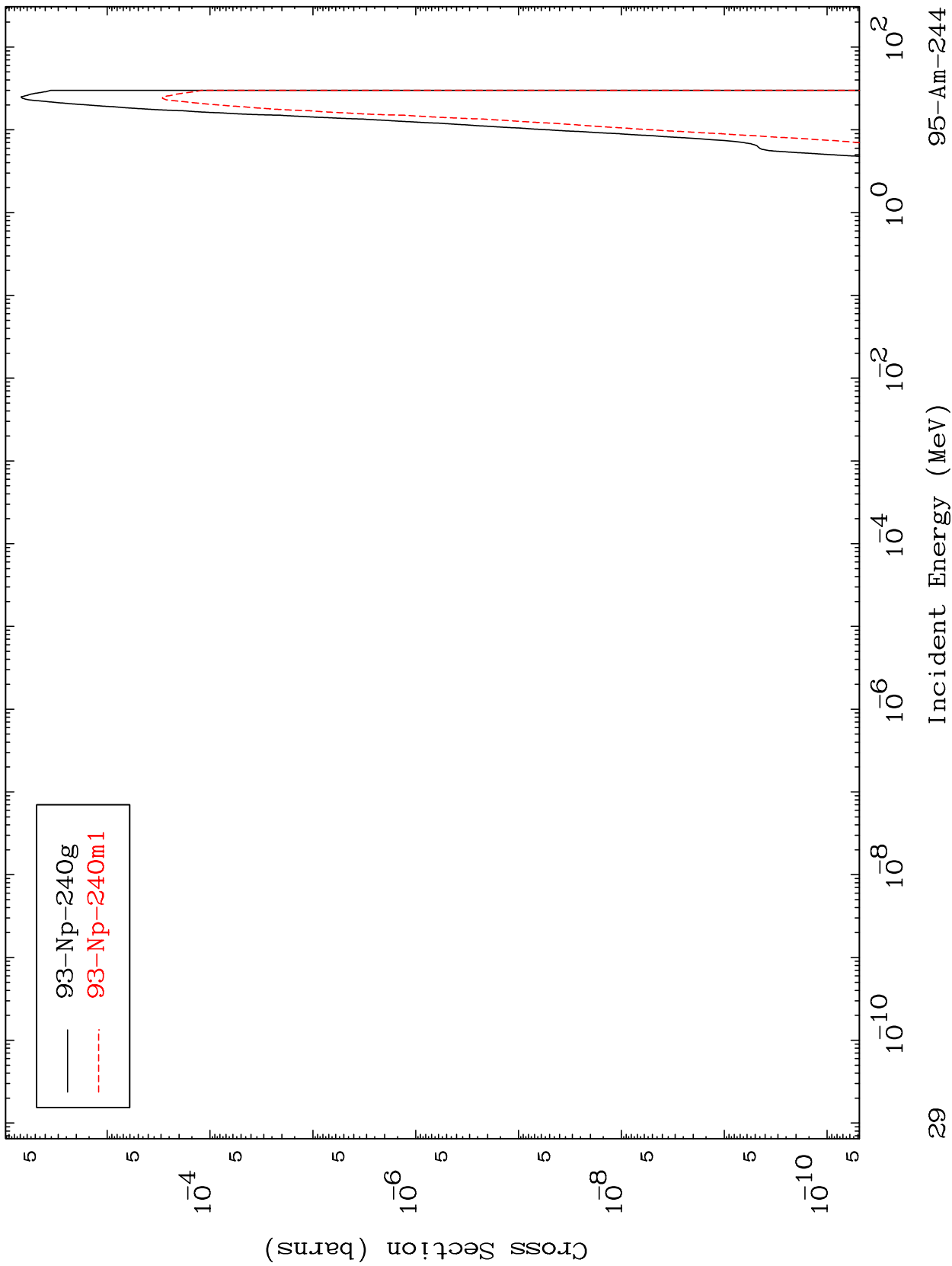
95-Am-244

MAT 9552

(n,n')  $\alpha$

95-Am-244

Radionuclide Production Cross Section



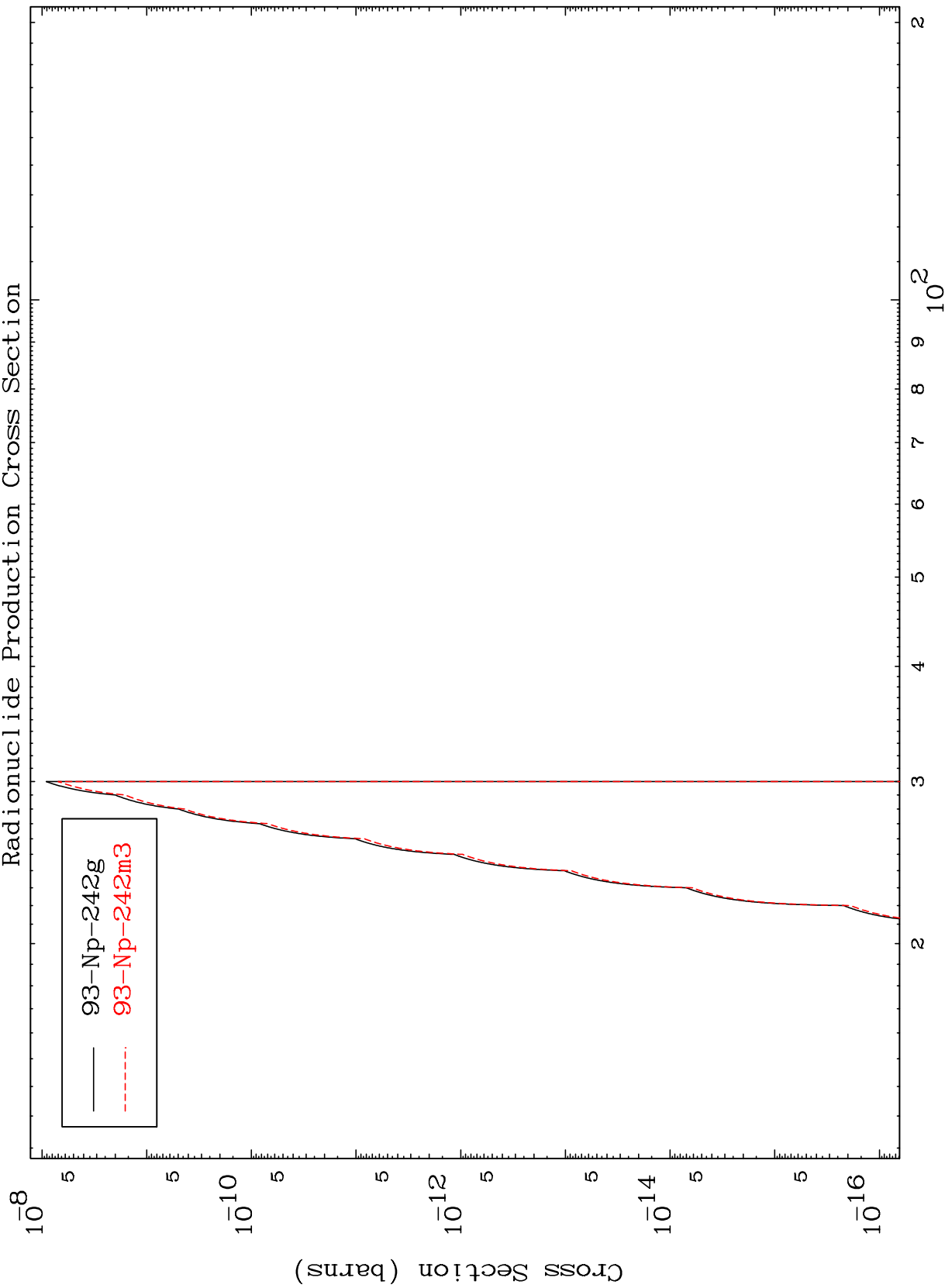
93-Np-240g  
93-Np-240m1

MAT 9552

(n,2n) p

95-Am-244

Radionuclide Production Cross Section



Incident Energy (MeV)

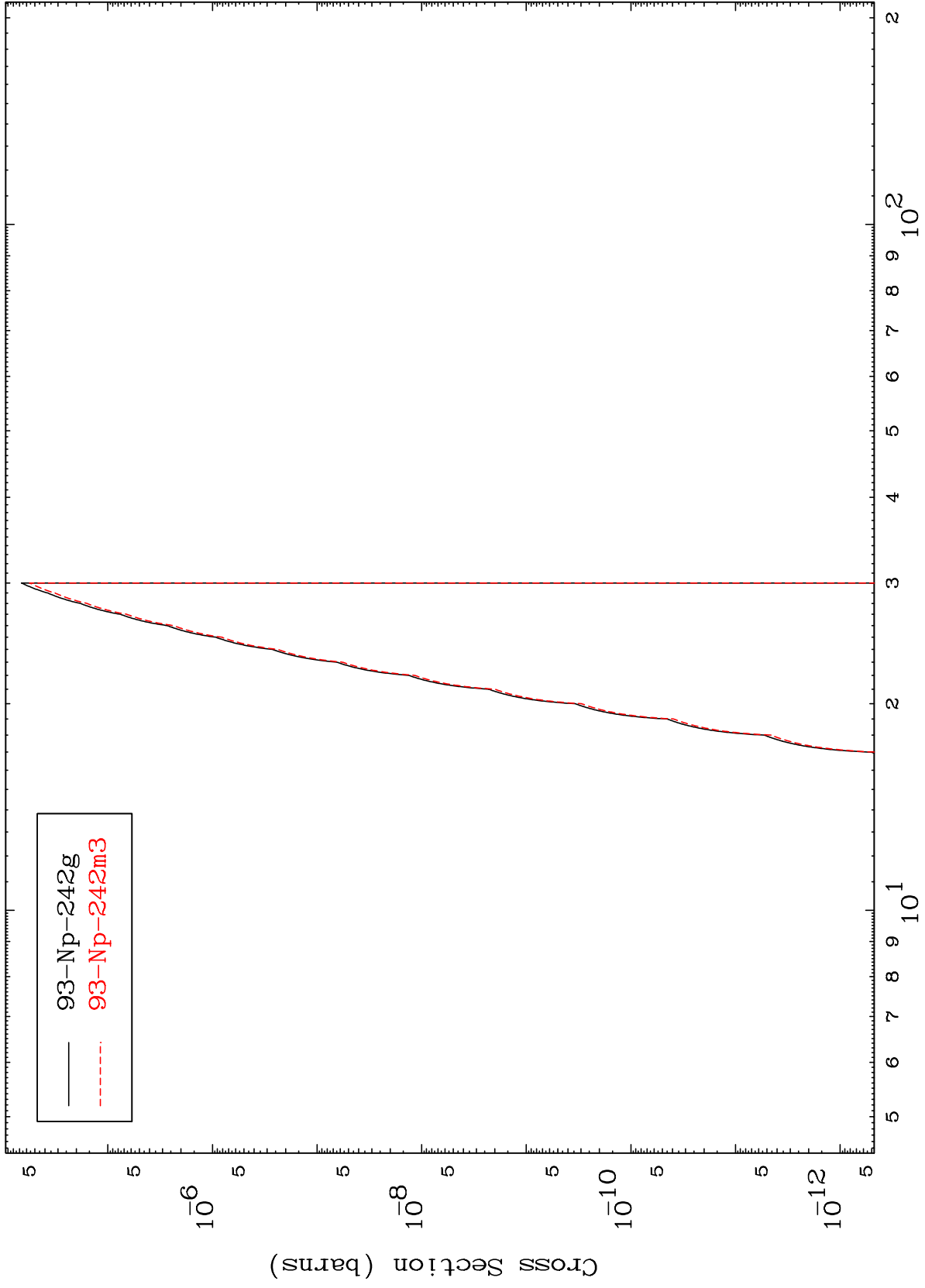
95-Am-244

30

MAT 9552

95-Am-244

(n,He-3)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

95-Am-244

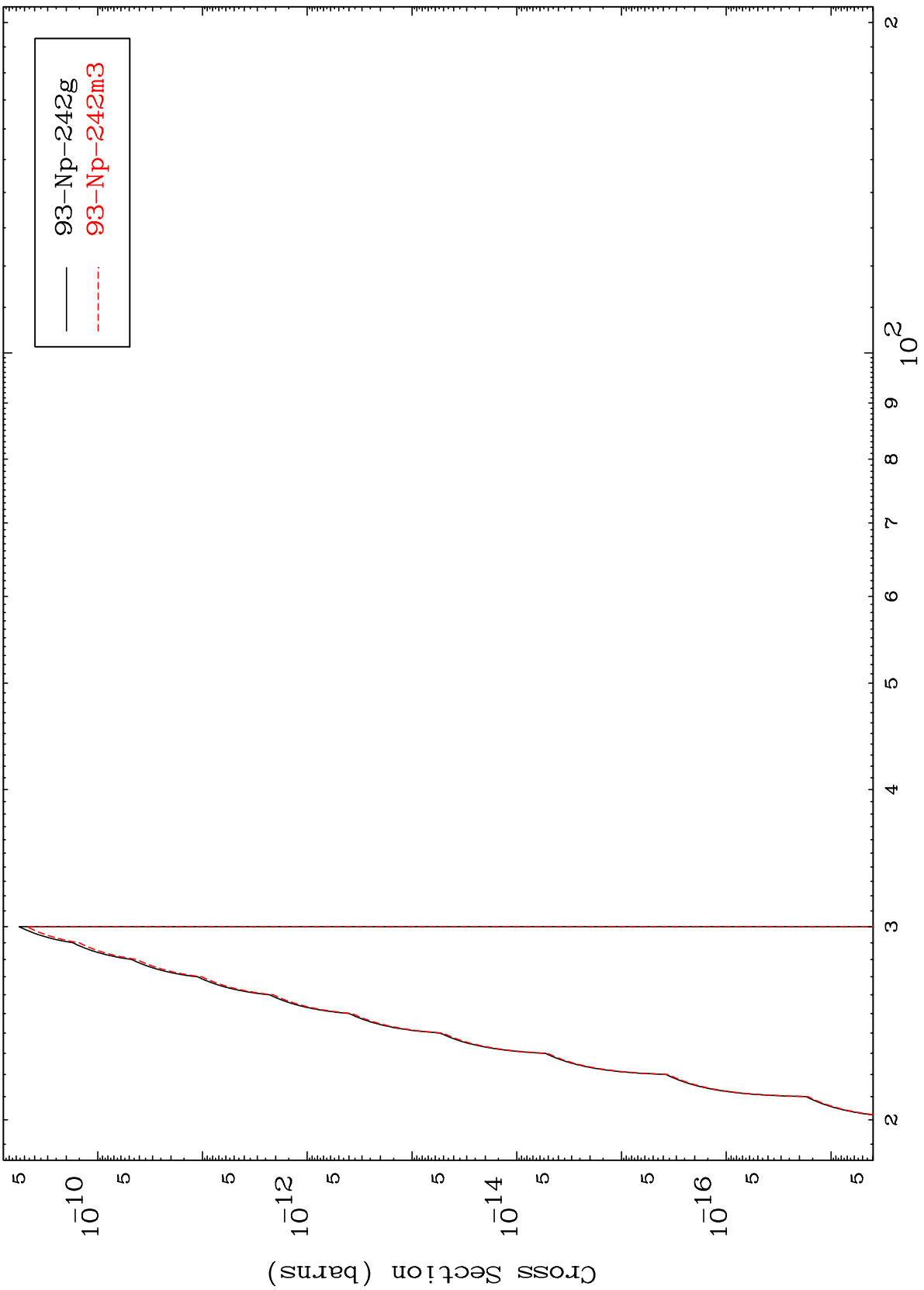


MAT 9552

(n,p) d

95-Am-244

Radionuclide Production Cross Section



32

Incident Energy (MeV)

95-Am-244