

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

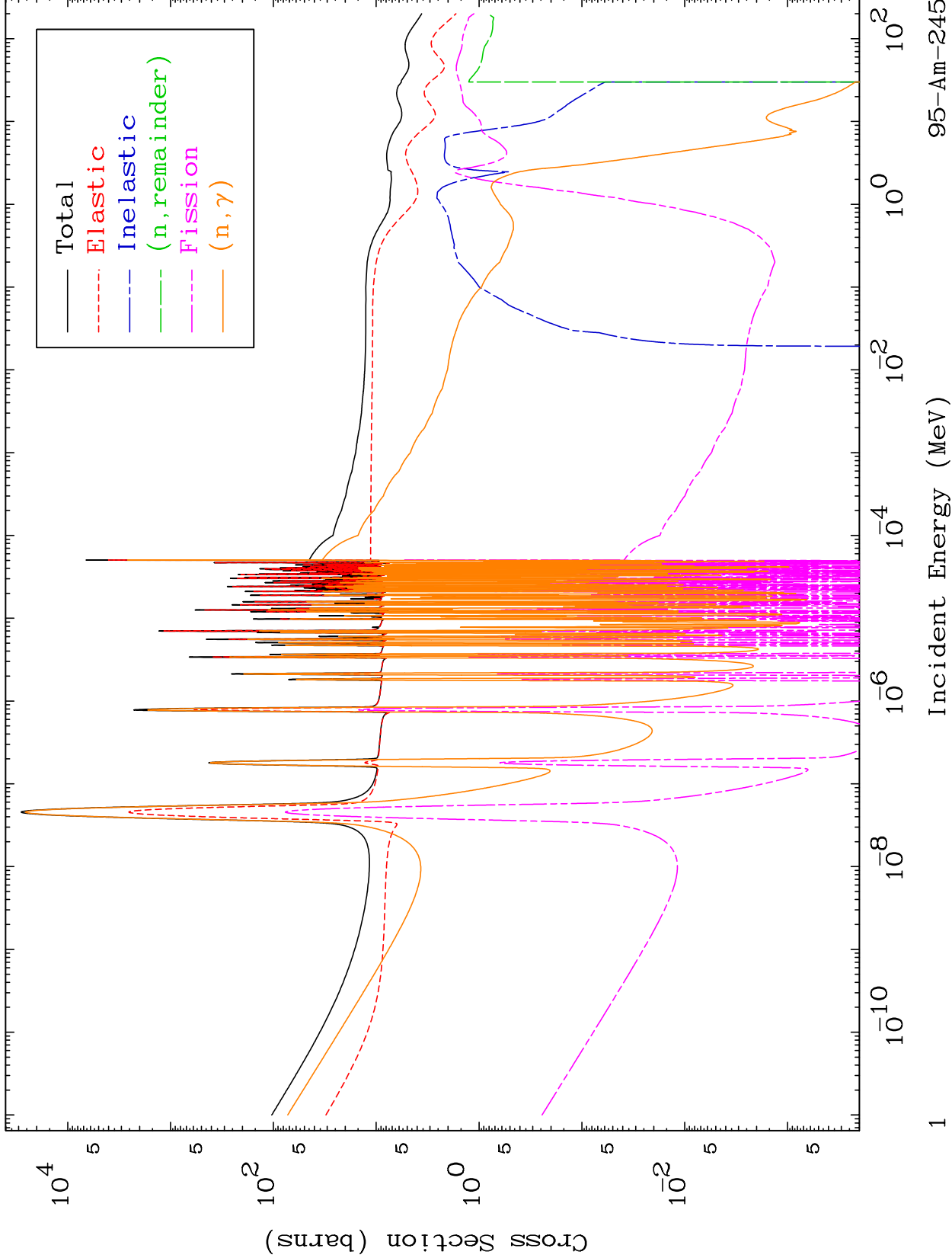
Press Mouse Button to Start

MAT 9555

Major

293 Kelvin Cross Sections

95-Am-245



1

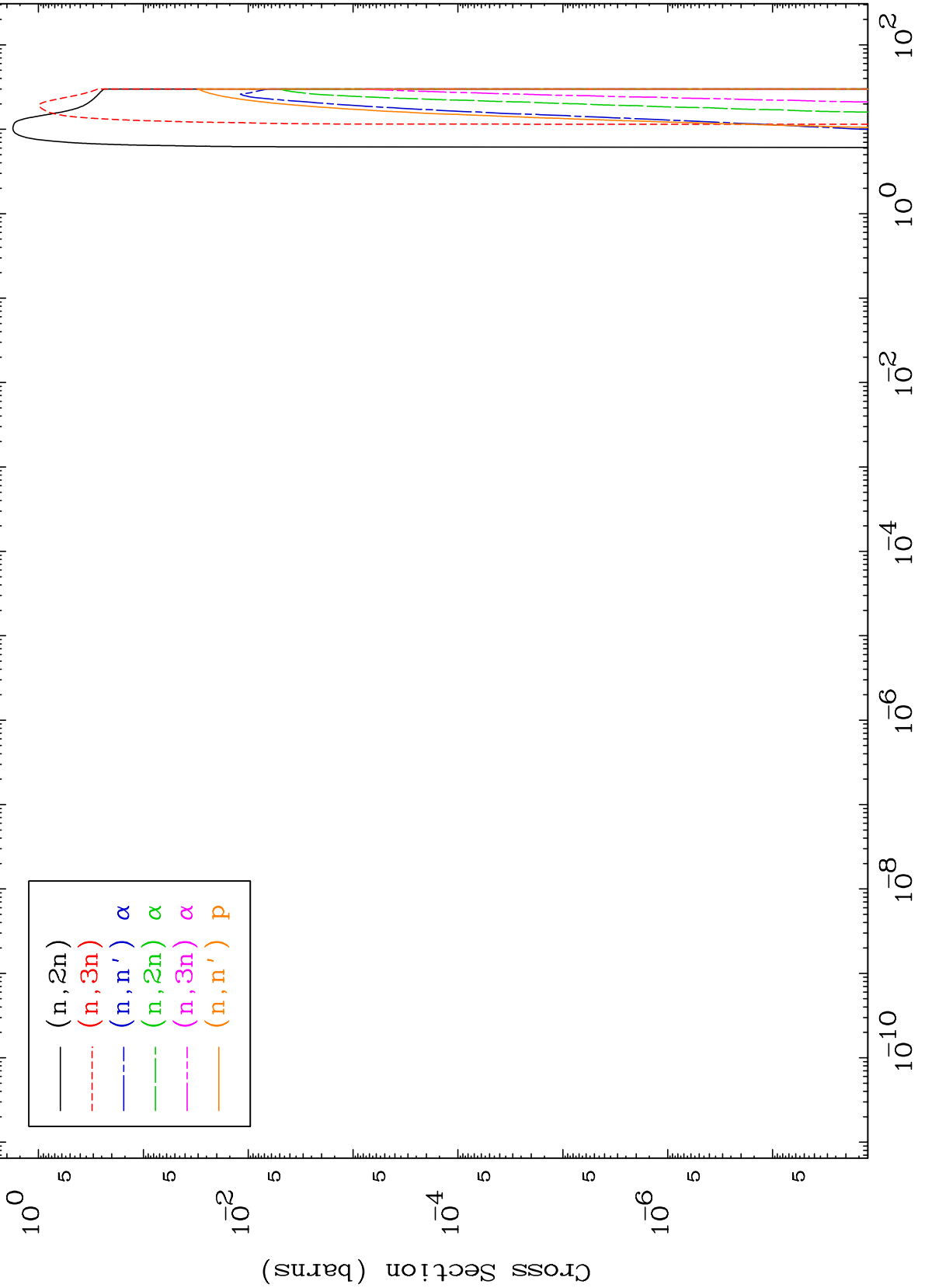
Incident Energy (MeV)

95-Am-245

MAT 9555

Neutron Production  
293 Kelvin Cross Sections

95-Am-245



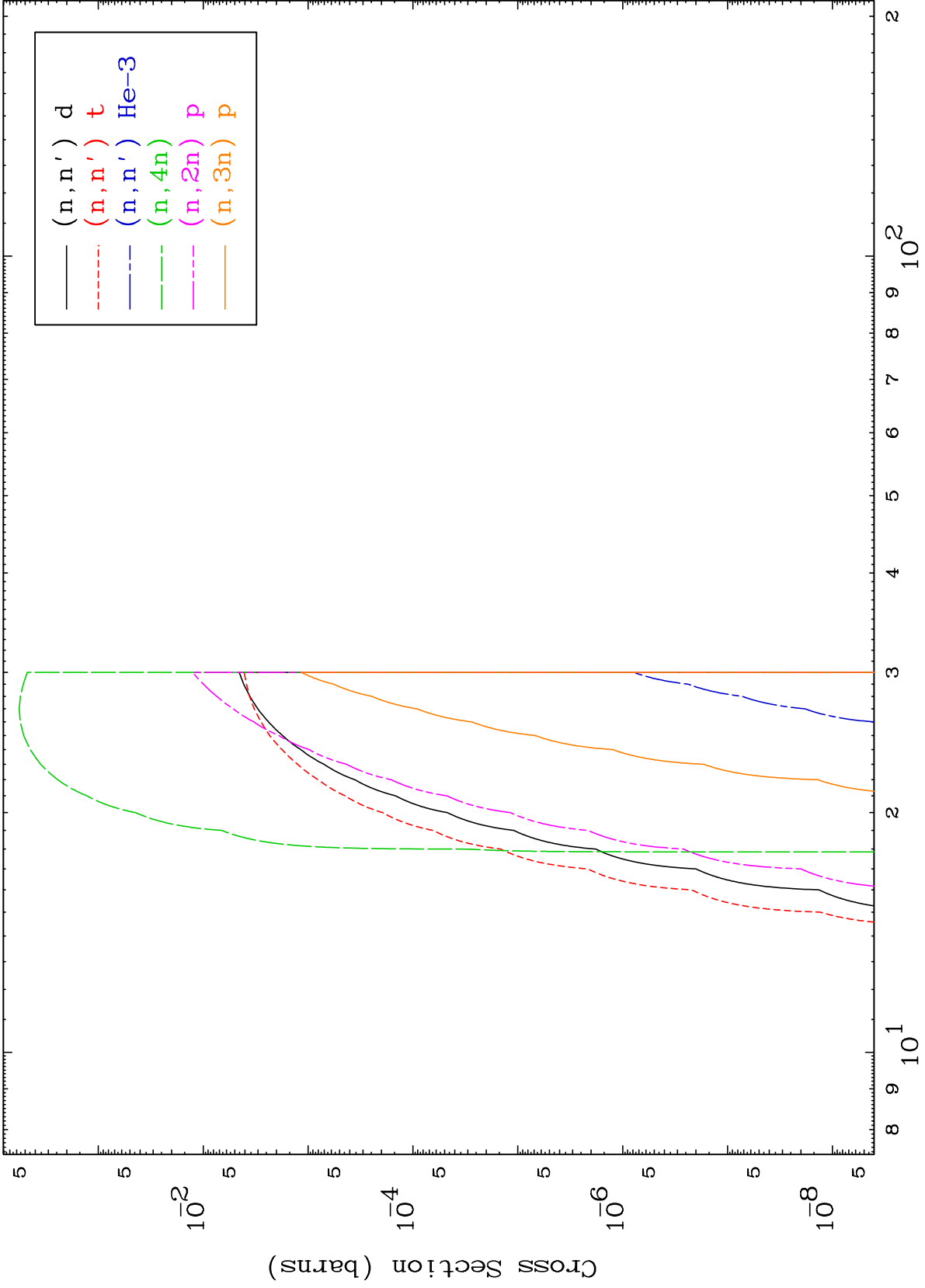
95-Am-245

Incident Energy (MeV)

MAT 9555

Neutron Production  
293 Kelvin Cross Sections

95-Am-245



3

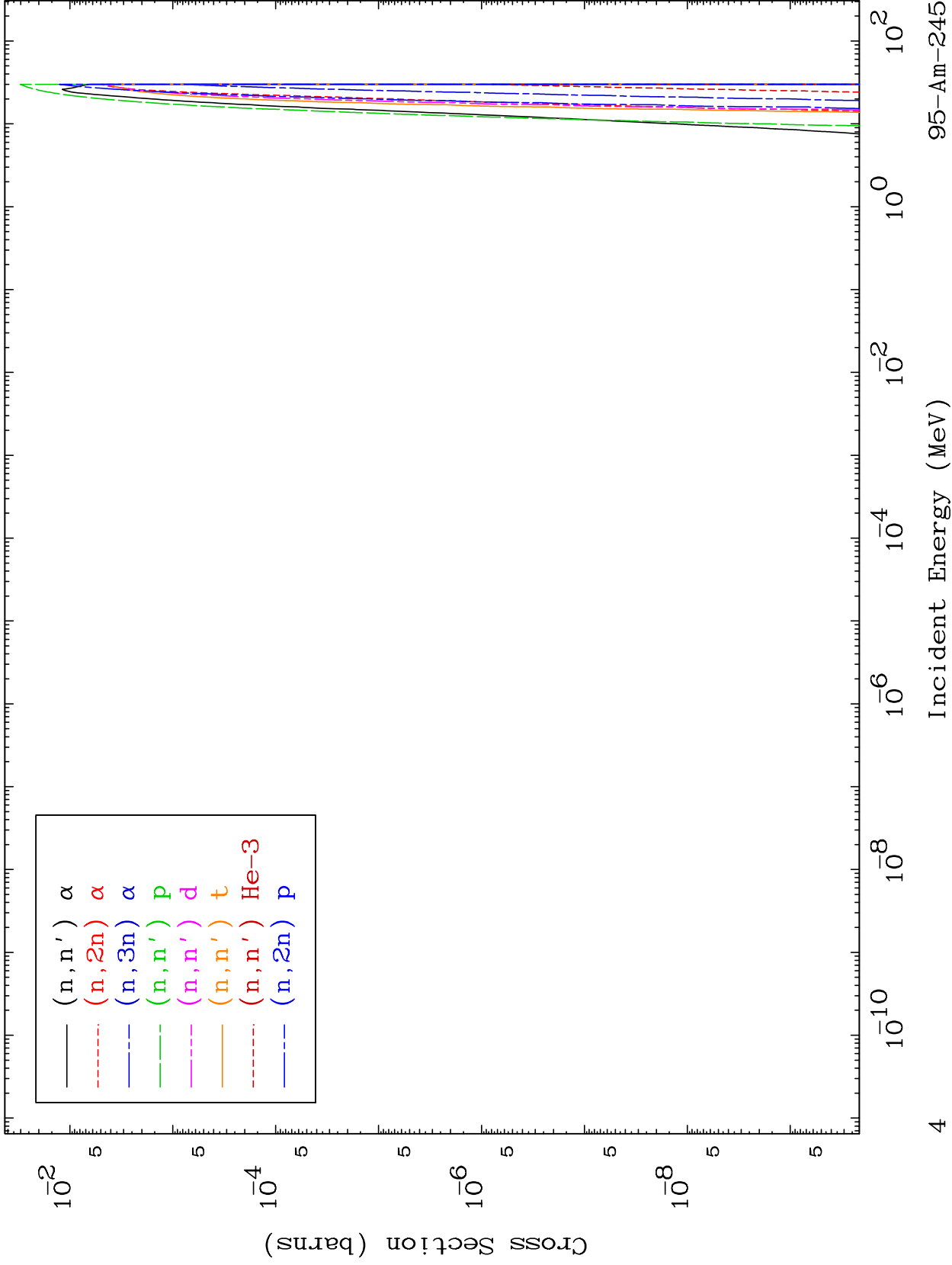
Incident Energy (MeV)

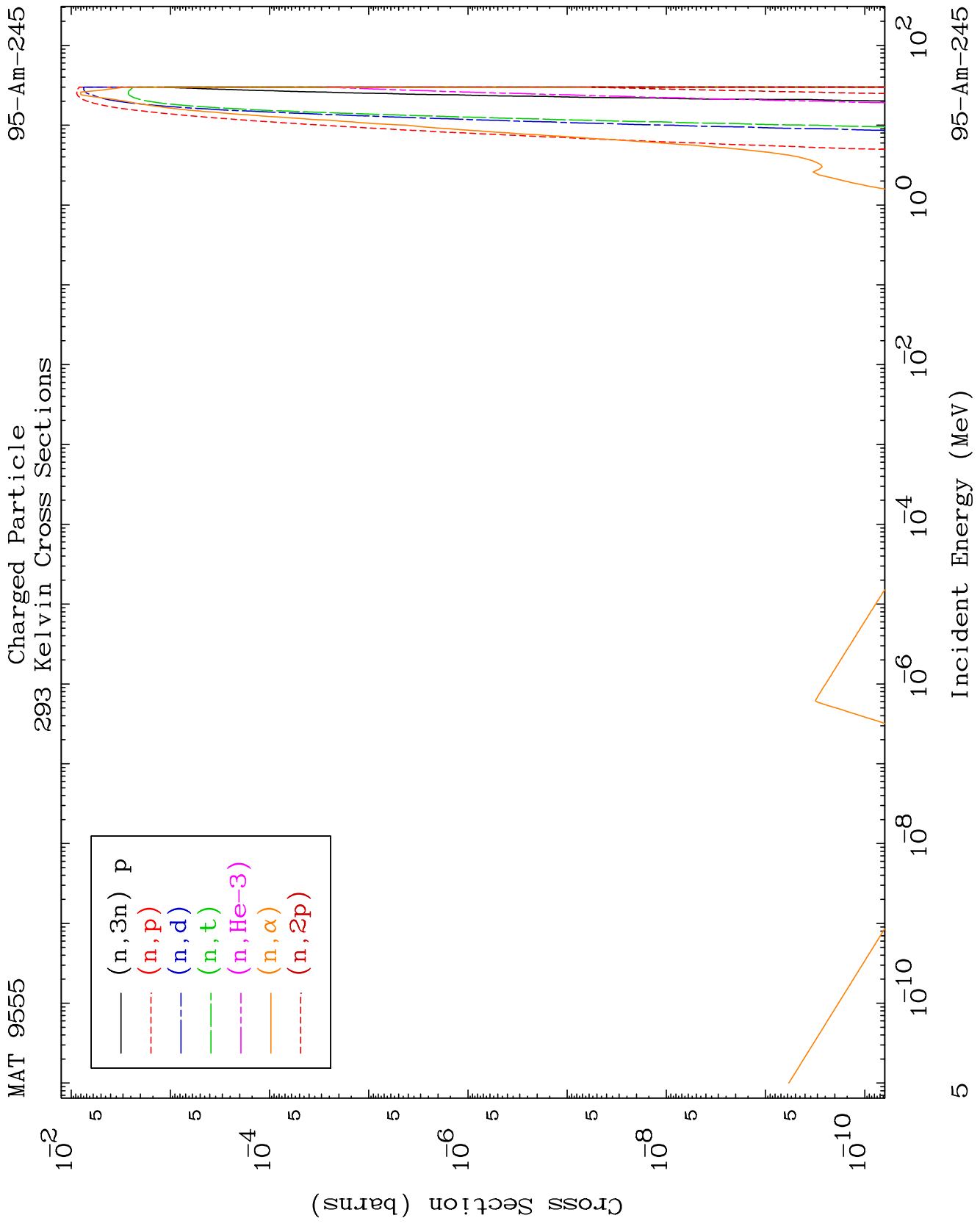
95-Am-245

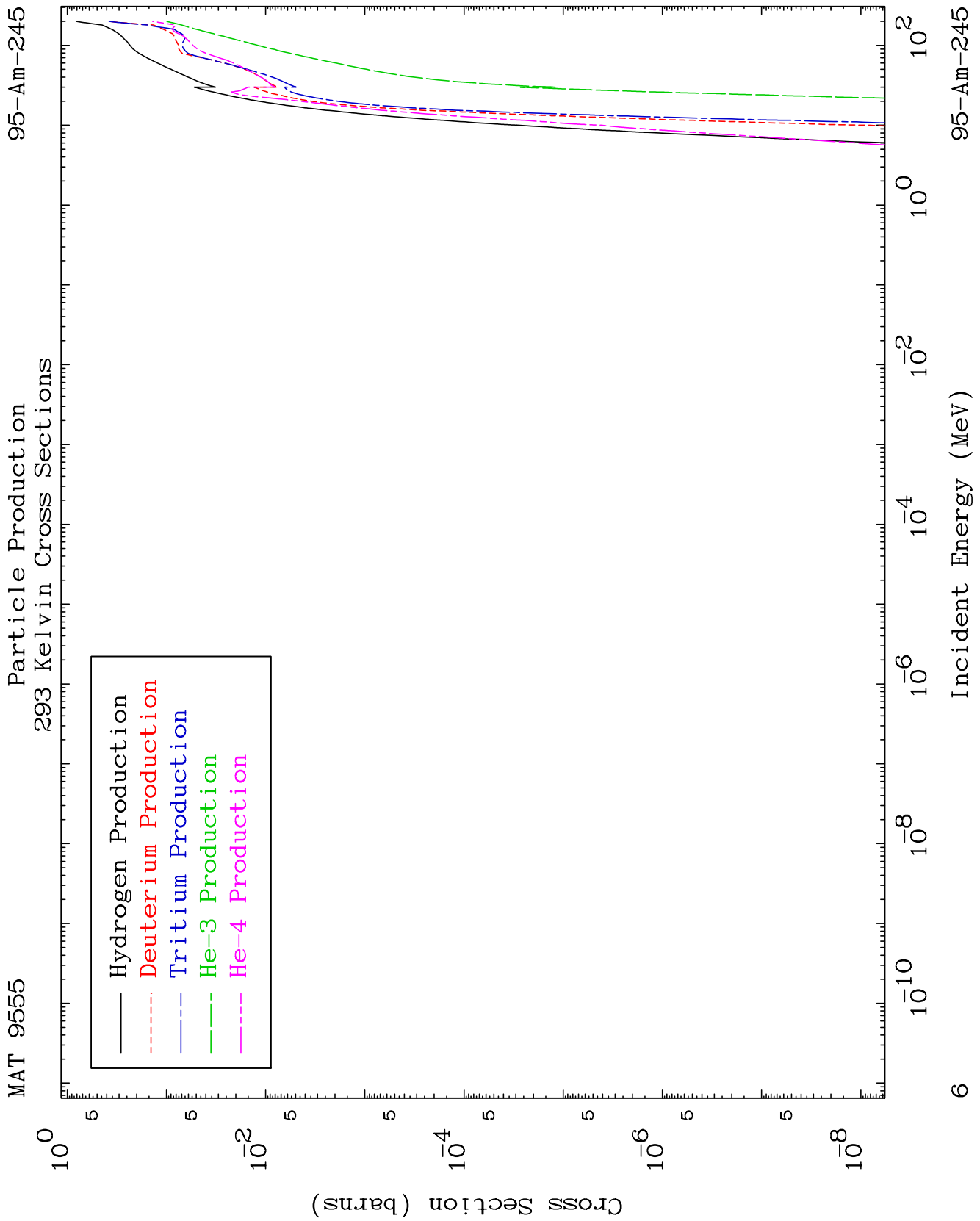
MAT 9555

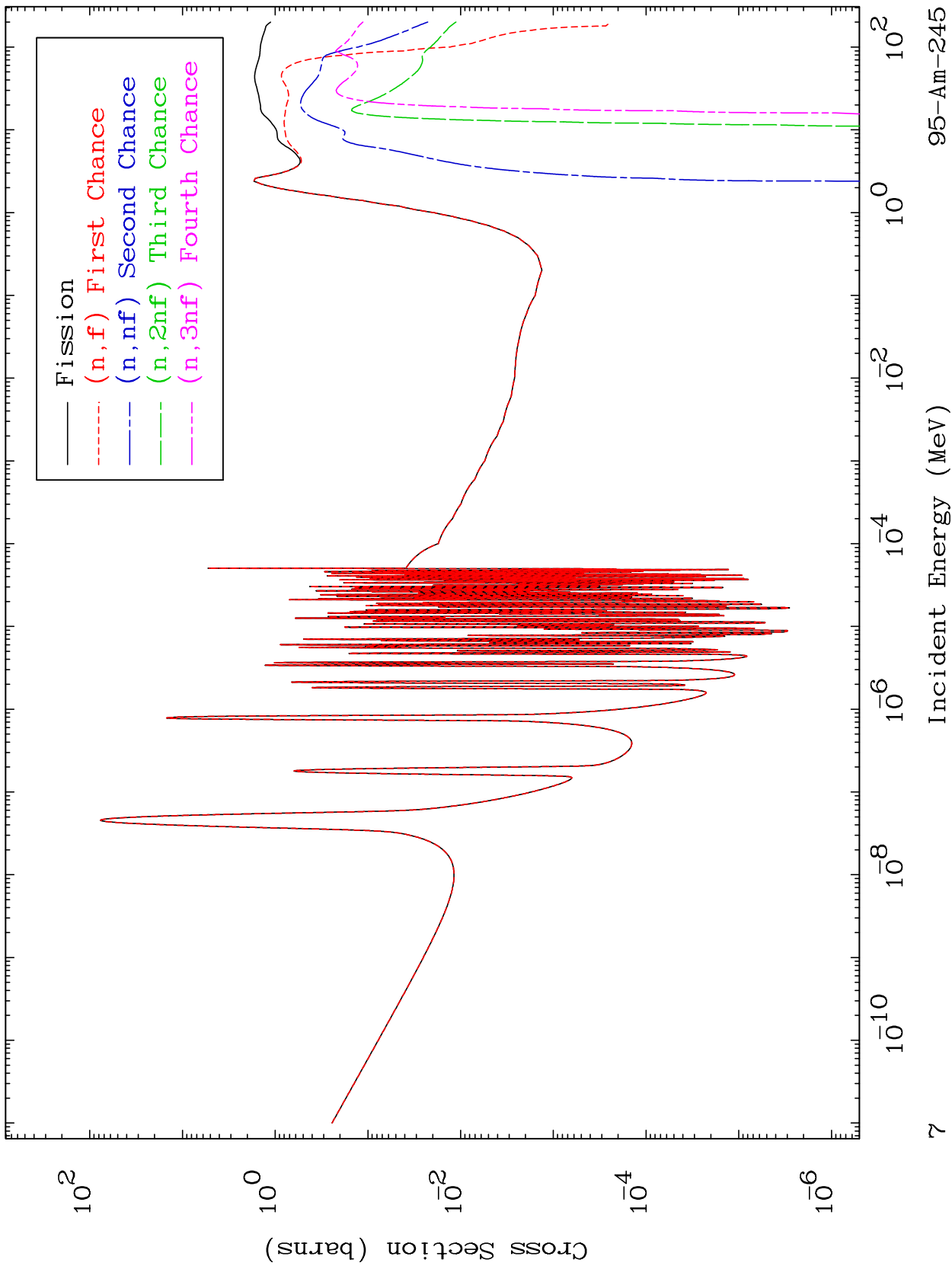
Charged Particle  
293 Kelvin Cross Sections

95-Am-245







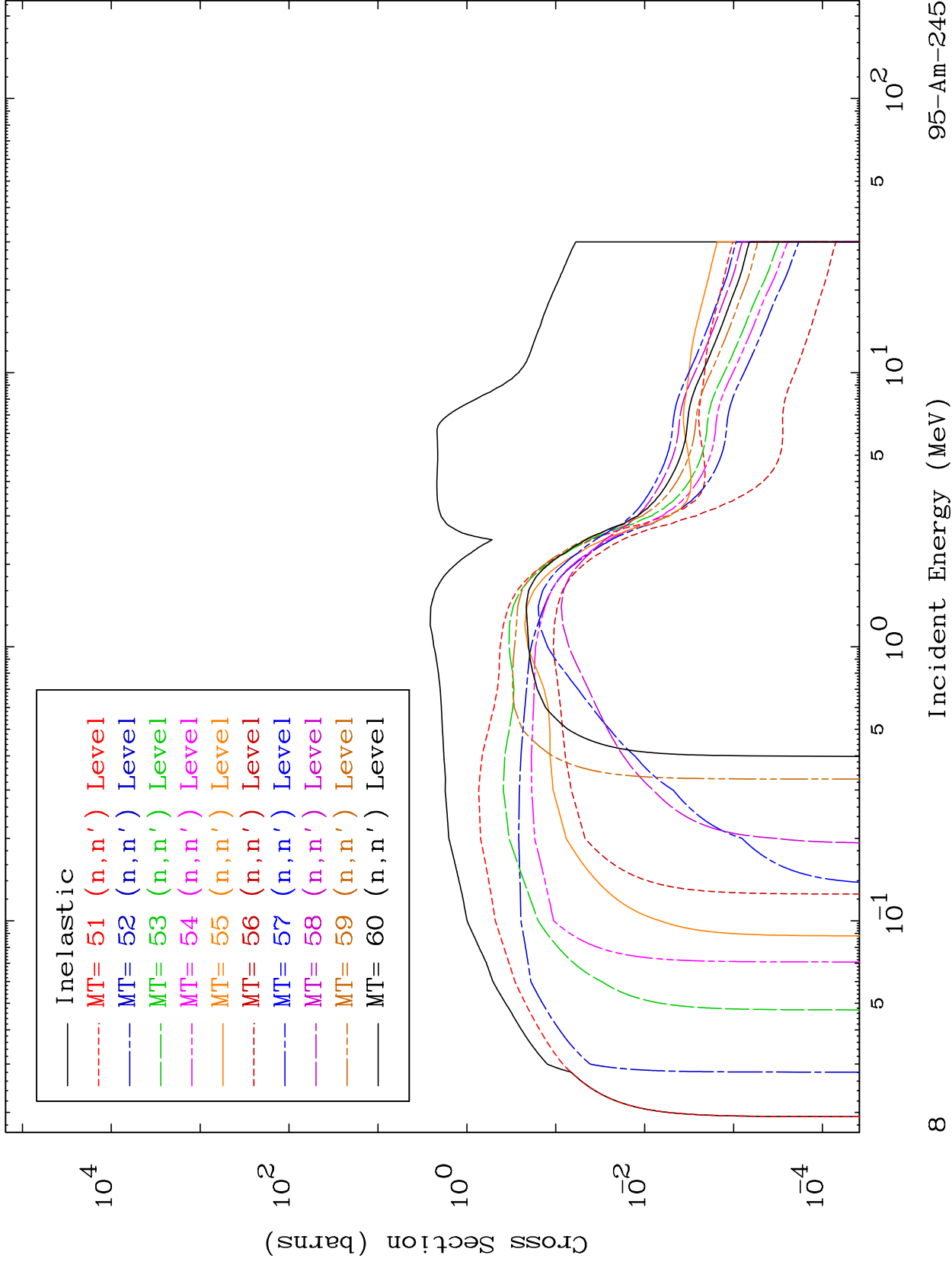




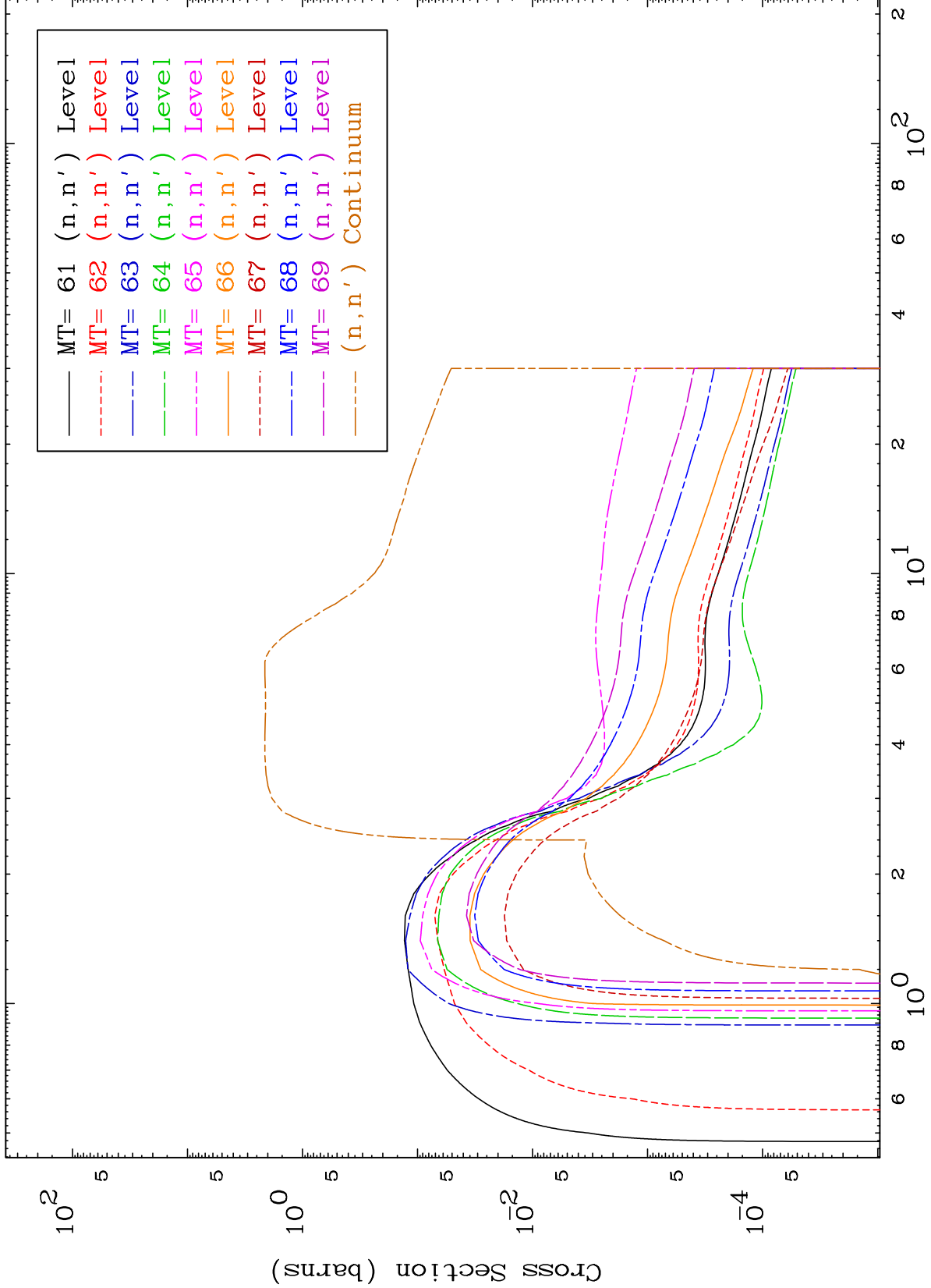
MAT 9555

(n,n') Level  
293 Kelvin Cross Sections

95-Am-245



293 Kelvin Cross Sections

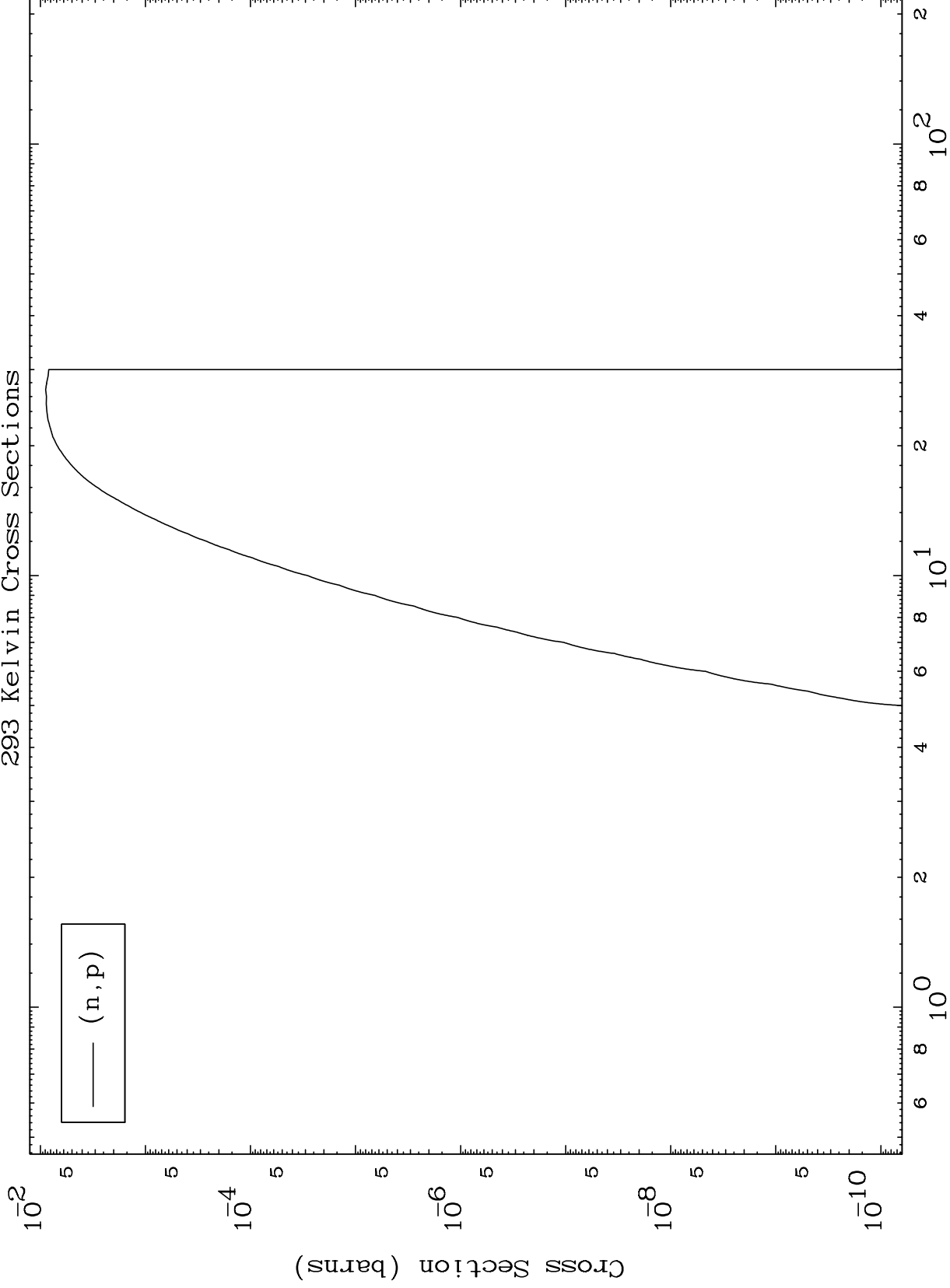


MAT 9555

(n,p) Levels

95-Am-245

293 Kelvin Cross Sections



10

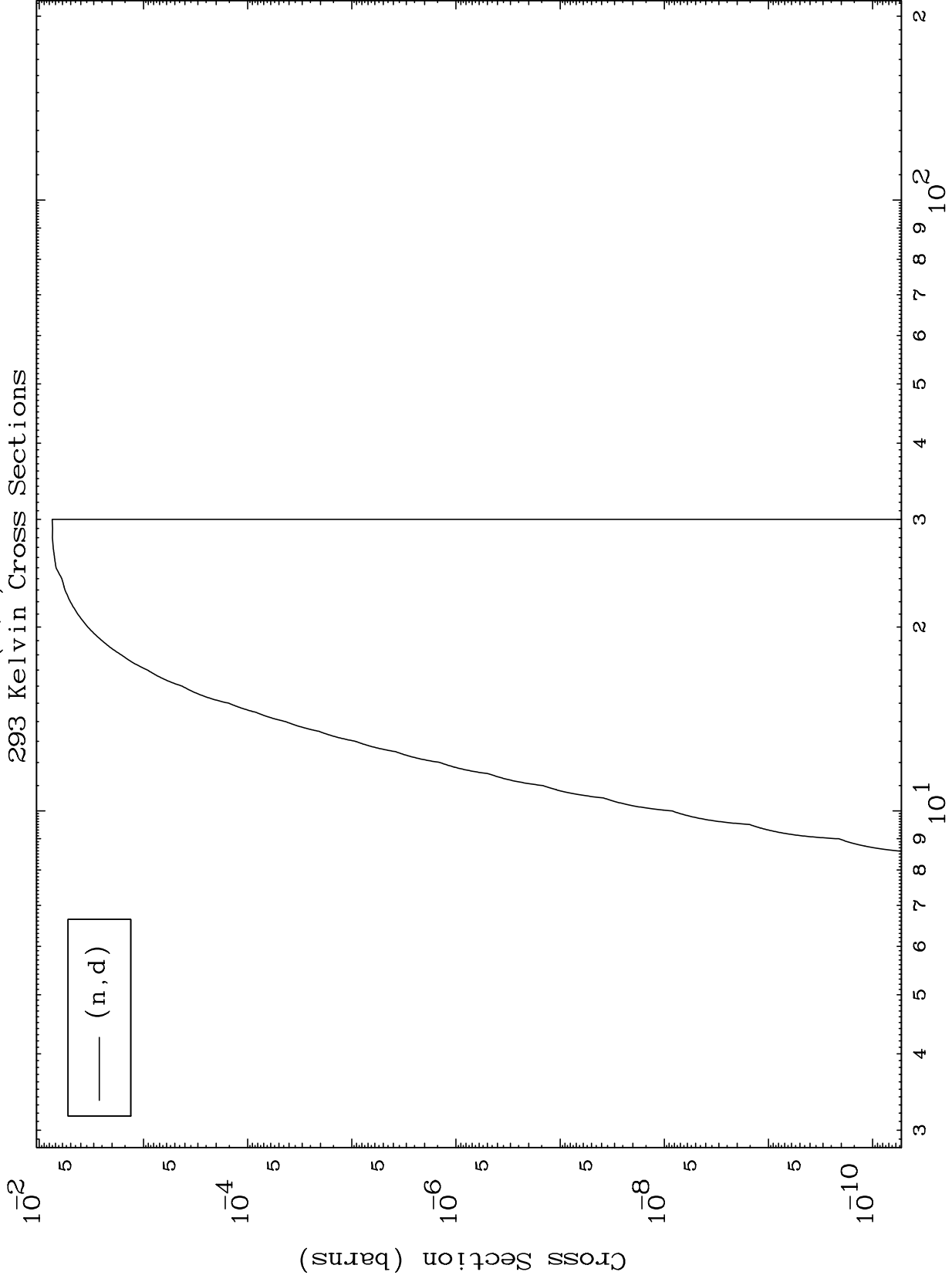
Incident Energy (MeV)

95-Am-245

MAT 9555

(n,d) Levels  
293 Kelvin Cross Sections

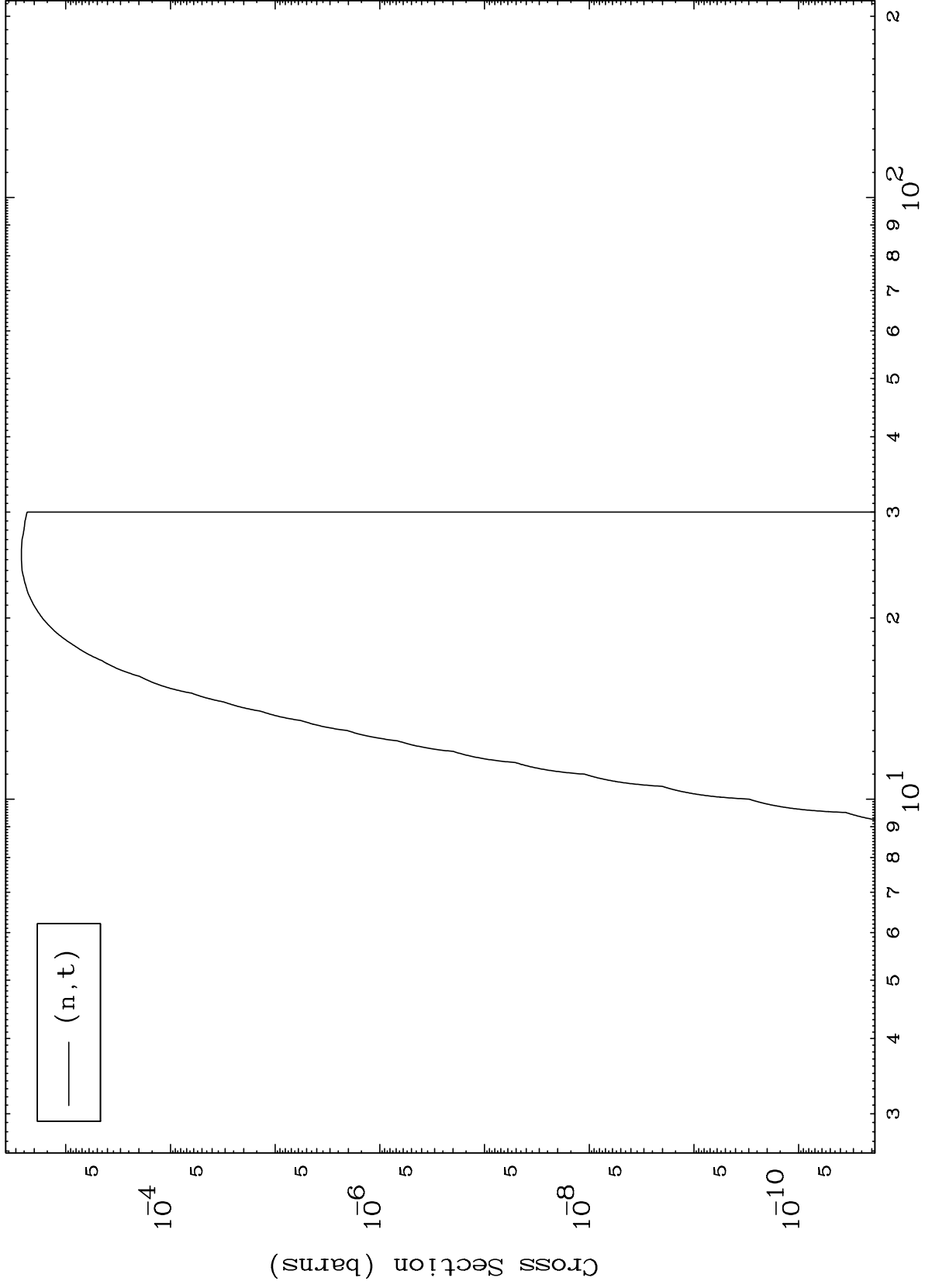
95-Am-245



MAT 9555

(n,t) Levels  
293 Kelvin Cross Sections

95-Am-245



12

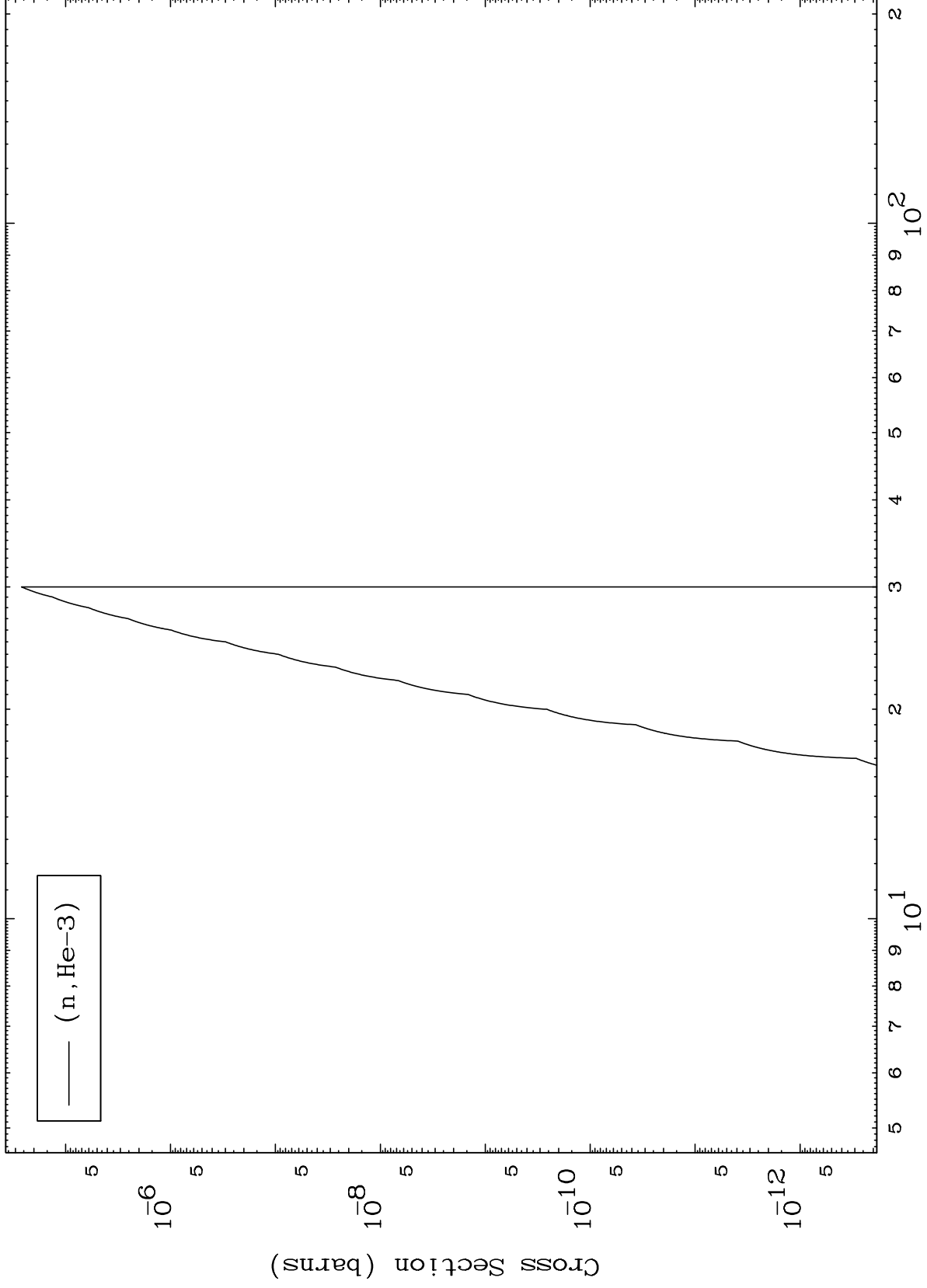
Incident Energy (MeV)

95-Am-245

MAT 9555

(n,He3) Levels  
293 Kelvin Cross Sections

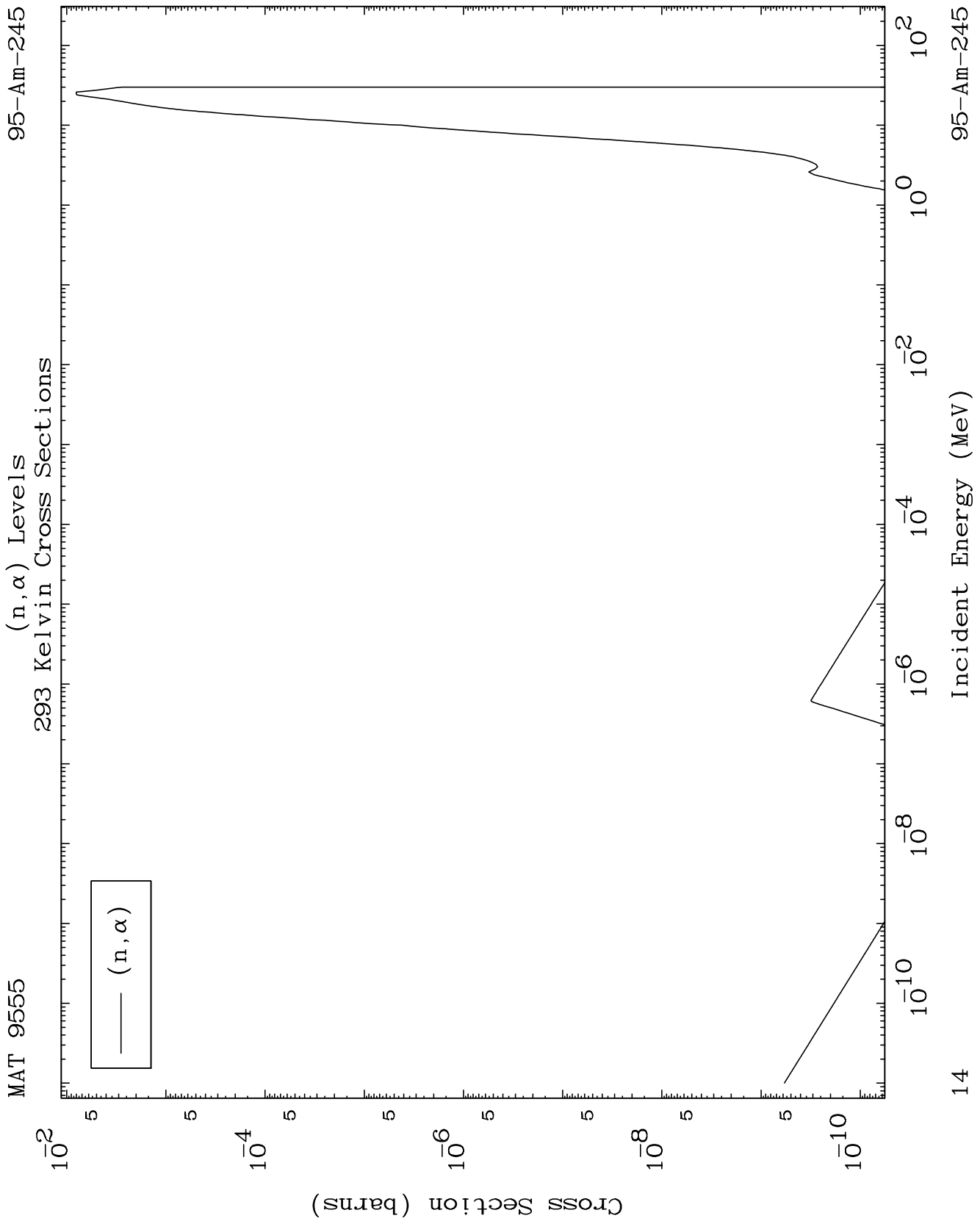
95-Am-245

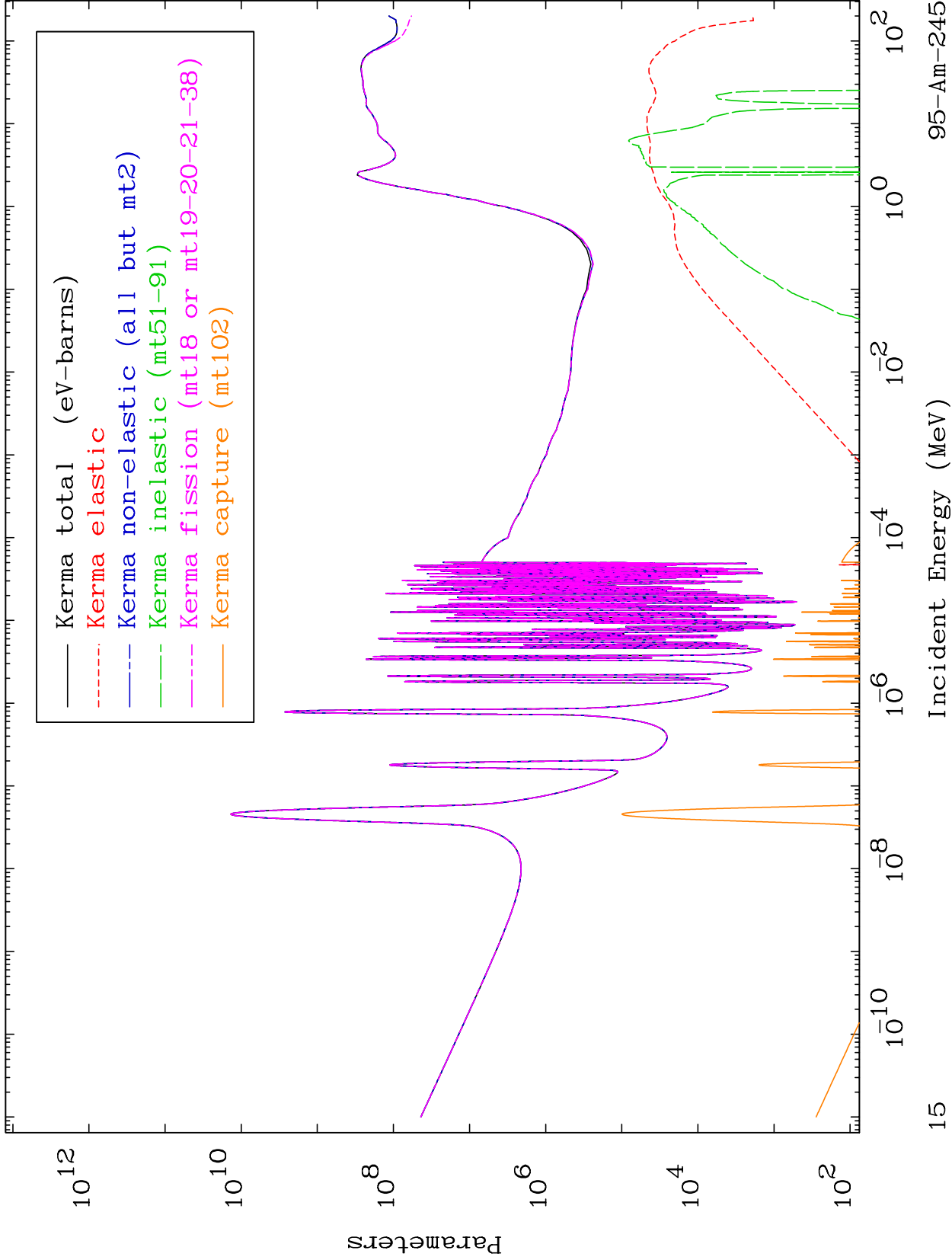


13

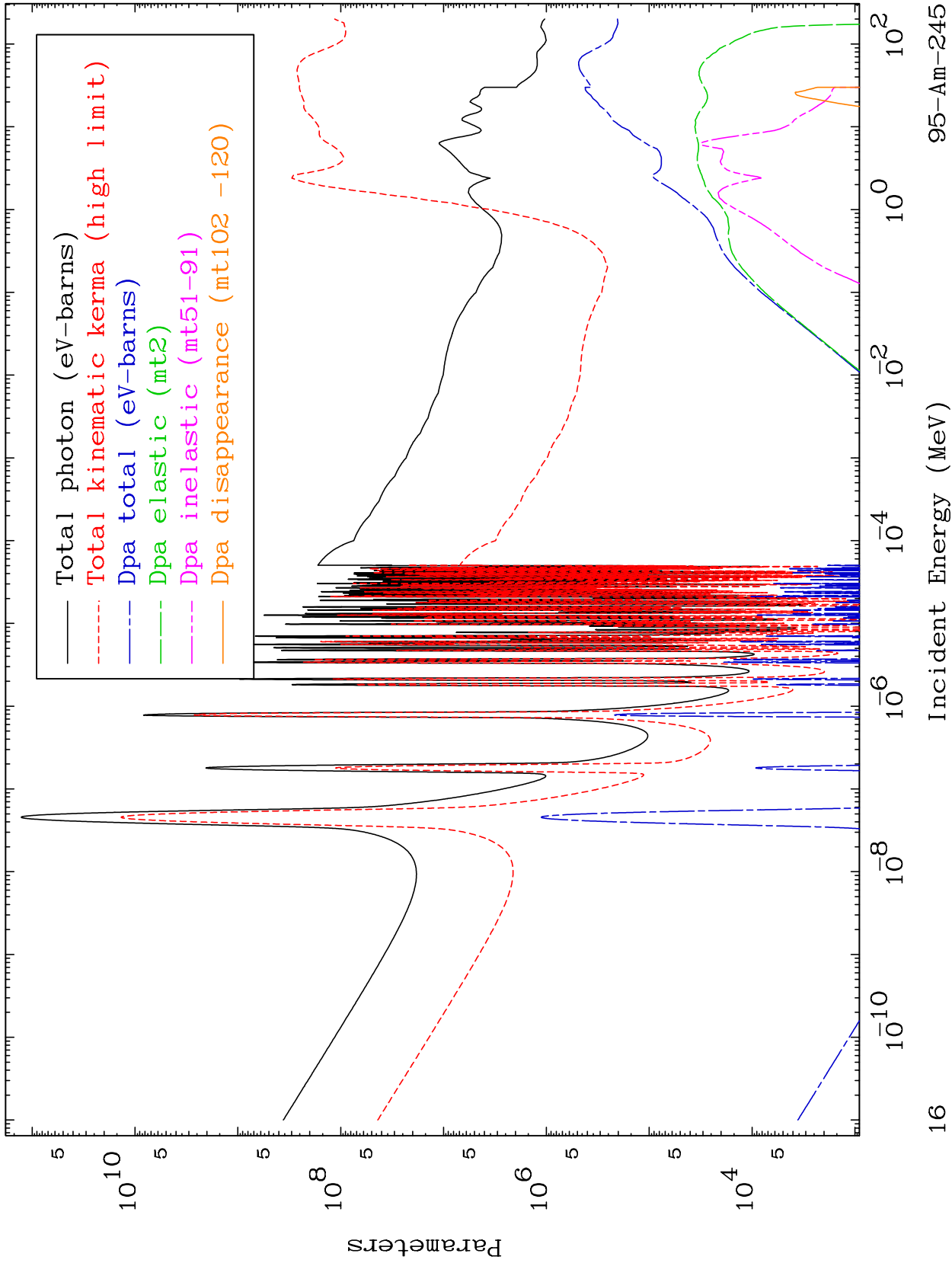
Incident Energy (MeV)

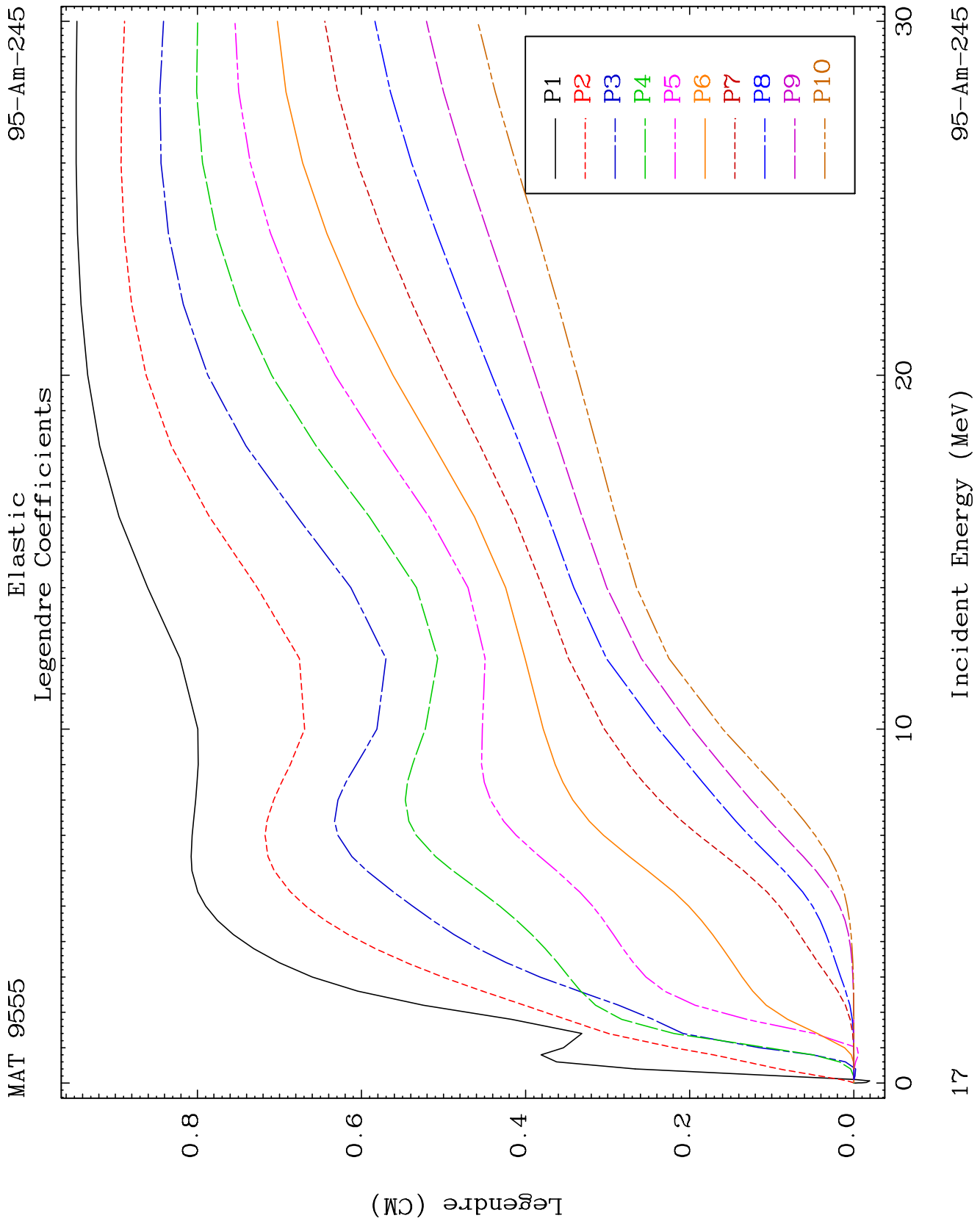
95-Am-245

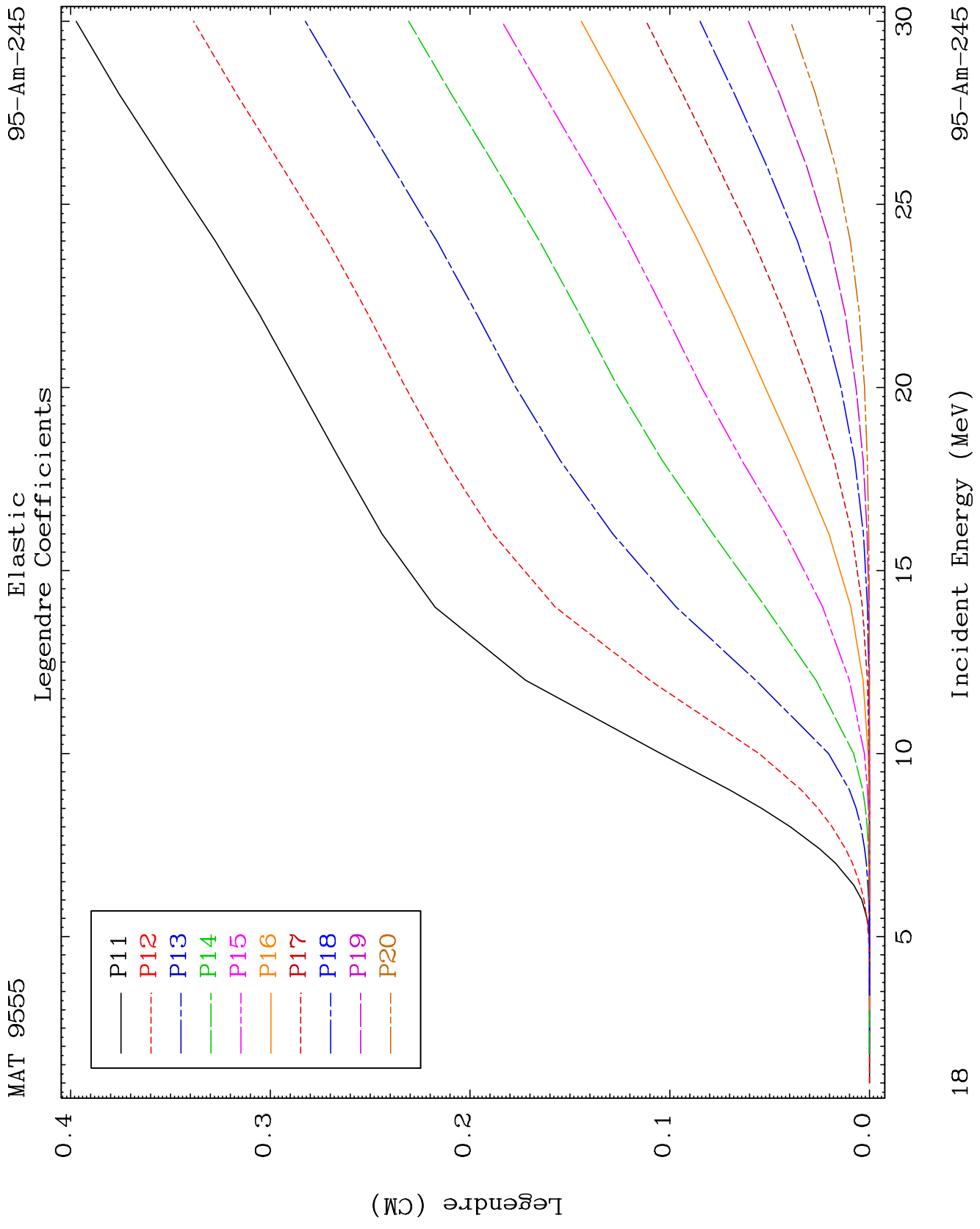








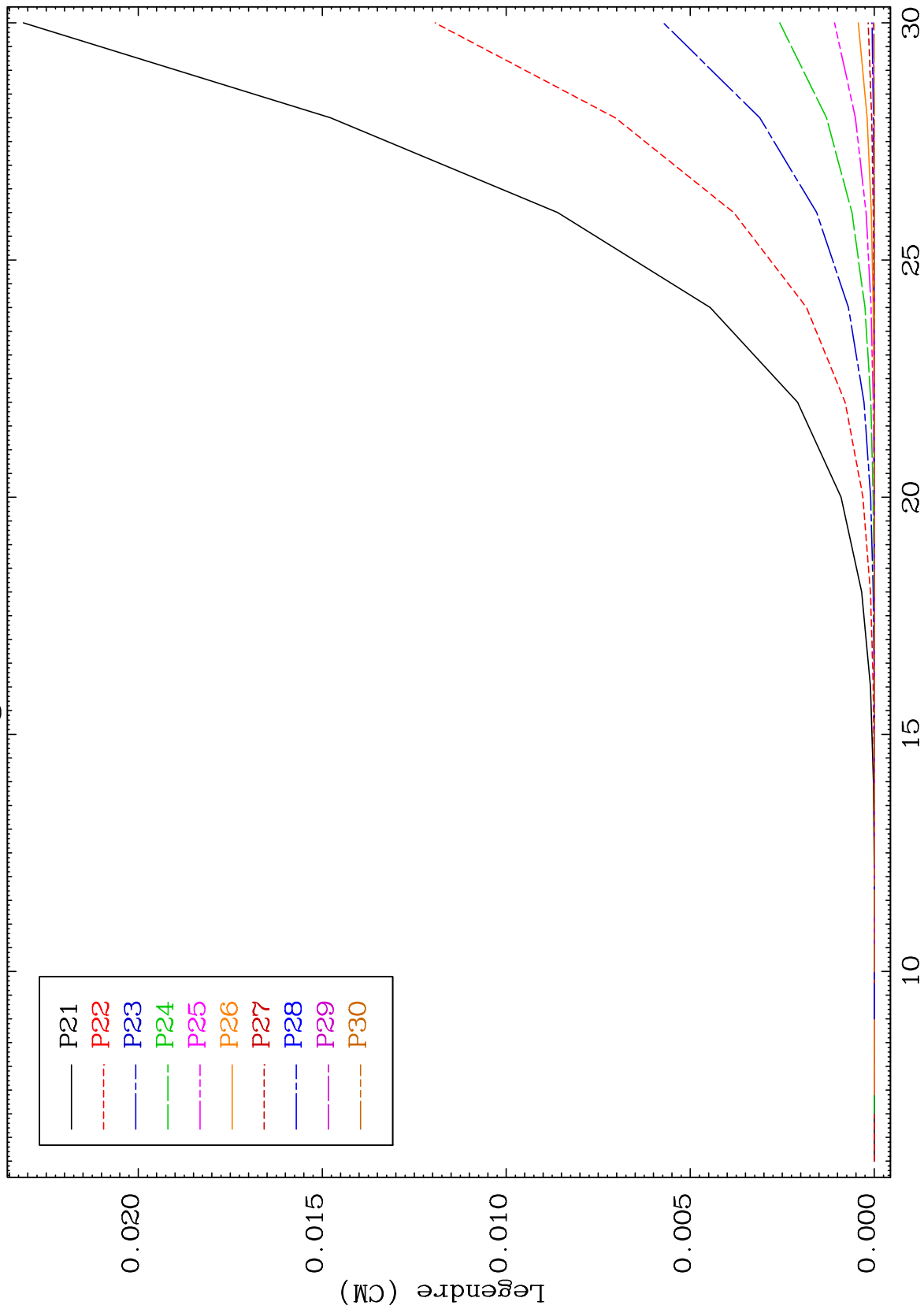




MAT 9555

### Elastic Legendre Coefficients

95-Am-245



19

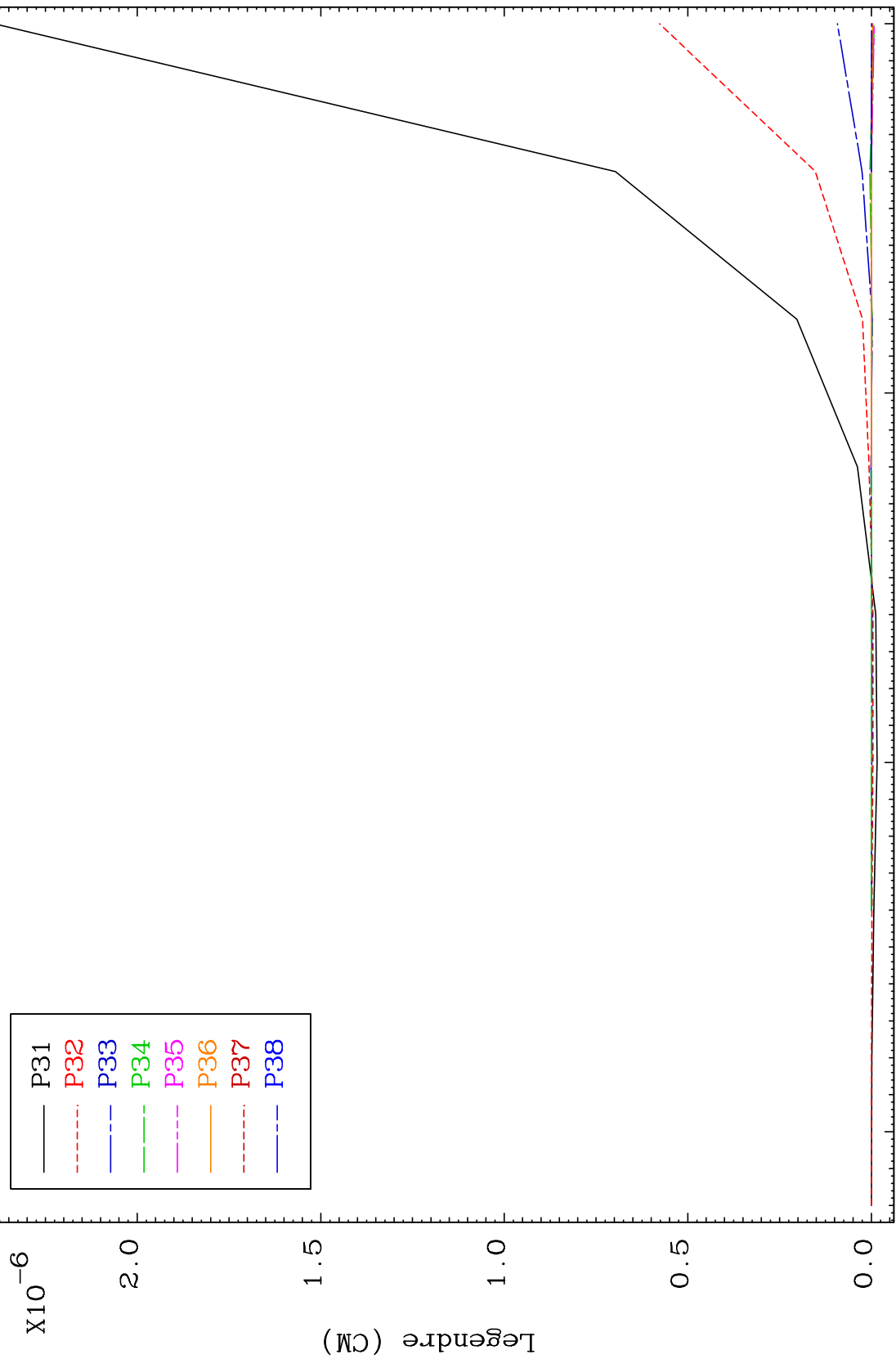
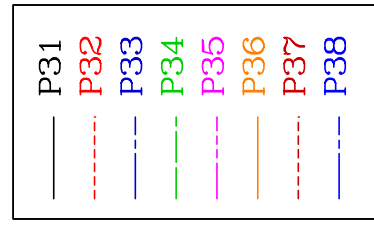
Incident Energy (MeV)

95-Am-245

MAT 9555

Elastic Legendre Coefficients

95-Am-245



20

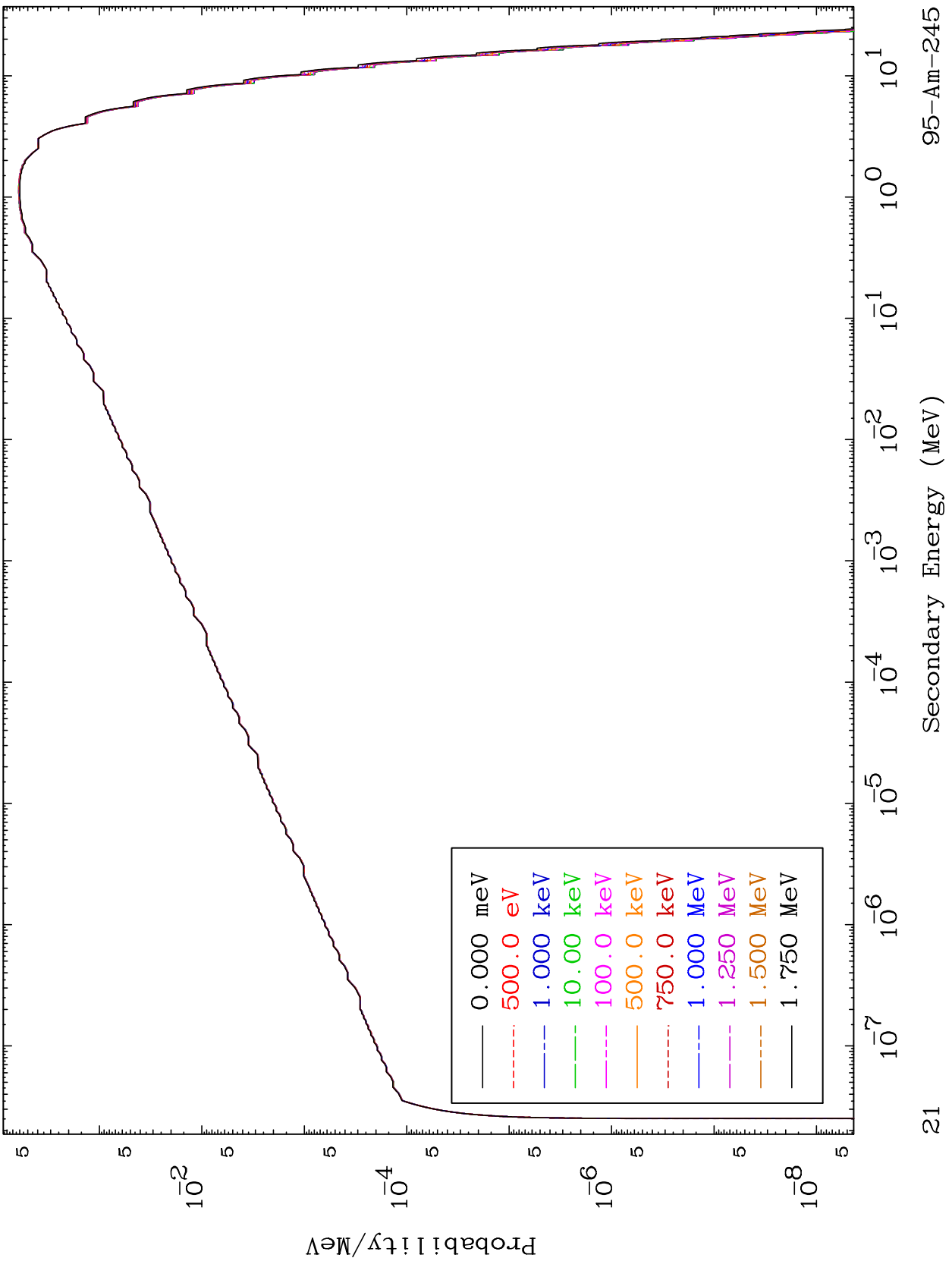
Incident Energy (MeV)

95-Am-245

MAT 9555

### Fission Energy Distribution

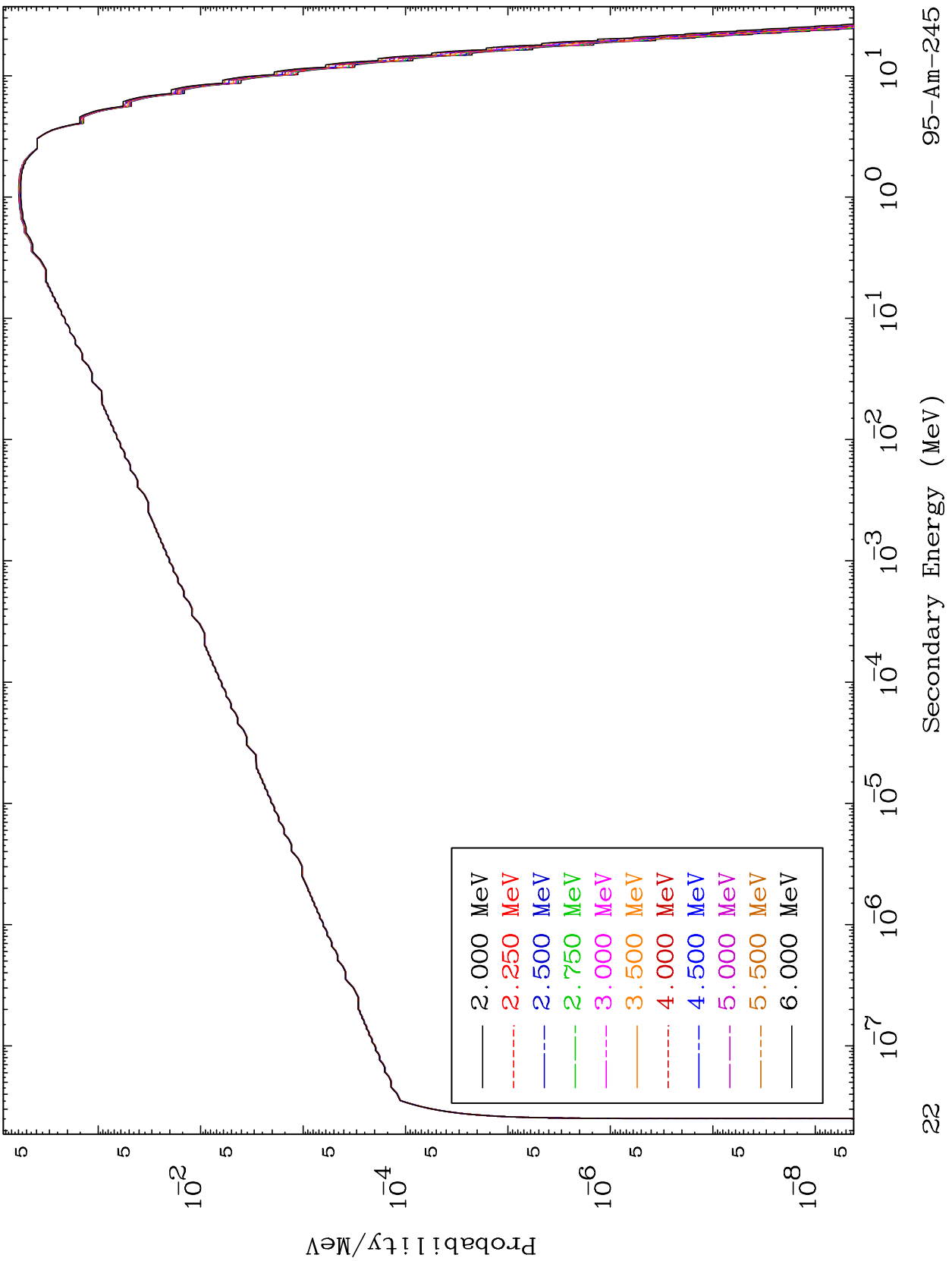
95-Am-245



MAT 9555

### Fission Energy Distribution

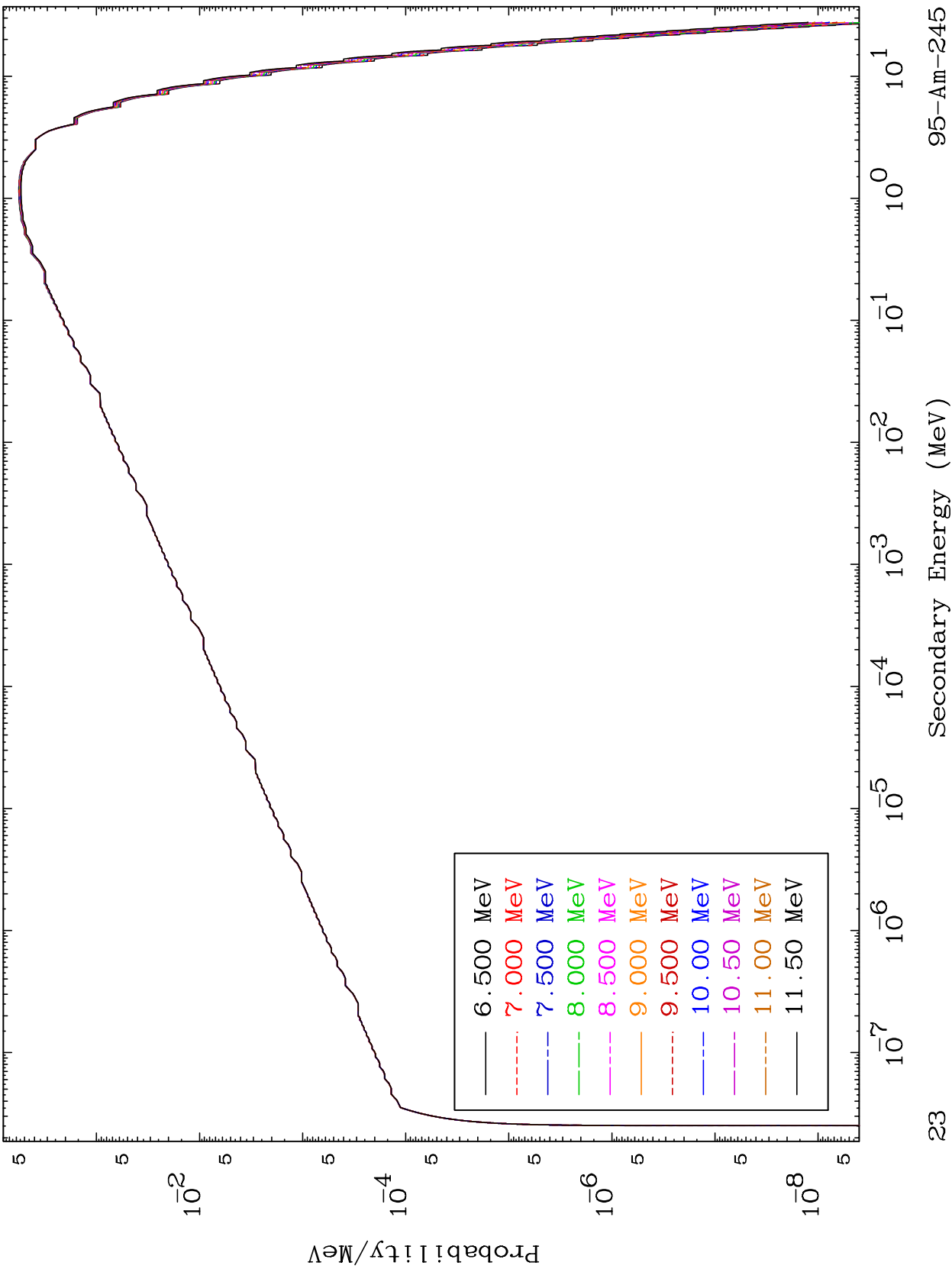
95-Am-245



MAT 9555

### Fission Energy Distribution

95-Am-245



95-Am-245

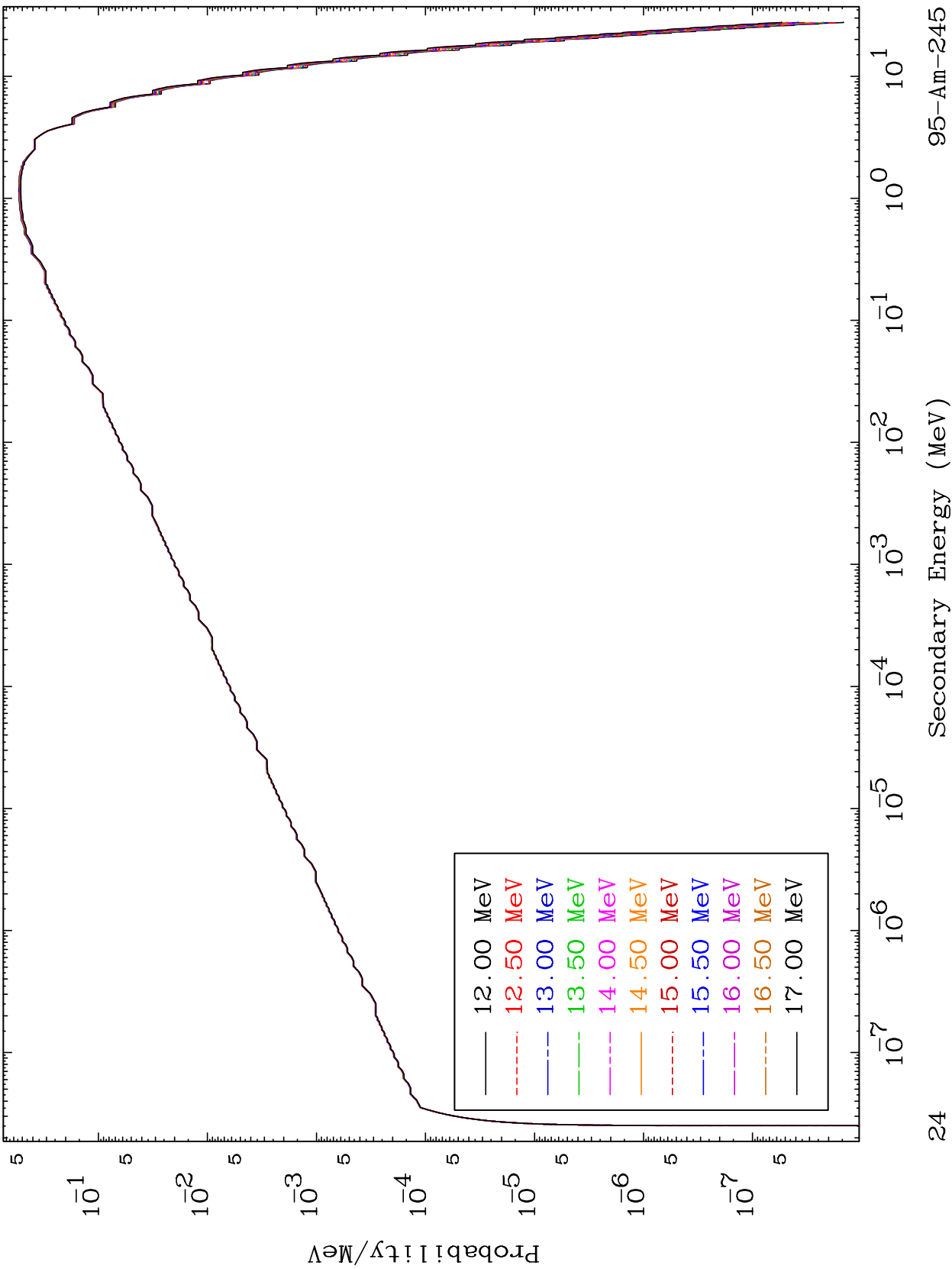
Secondary Energy (MeV)



MAT 9555

### Fission Energy Distribution

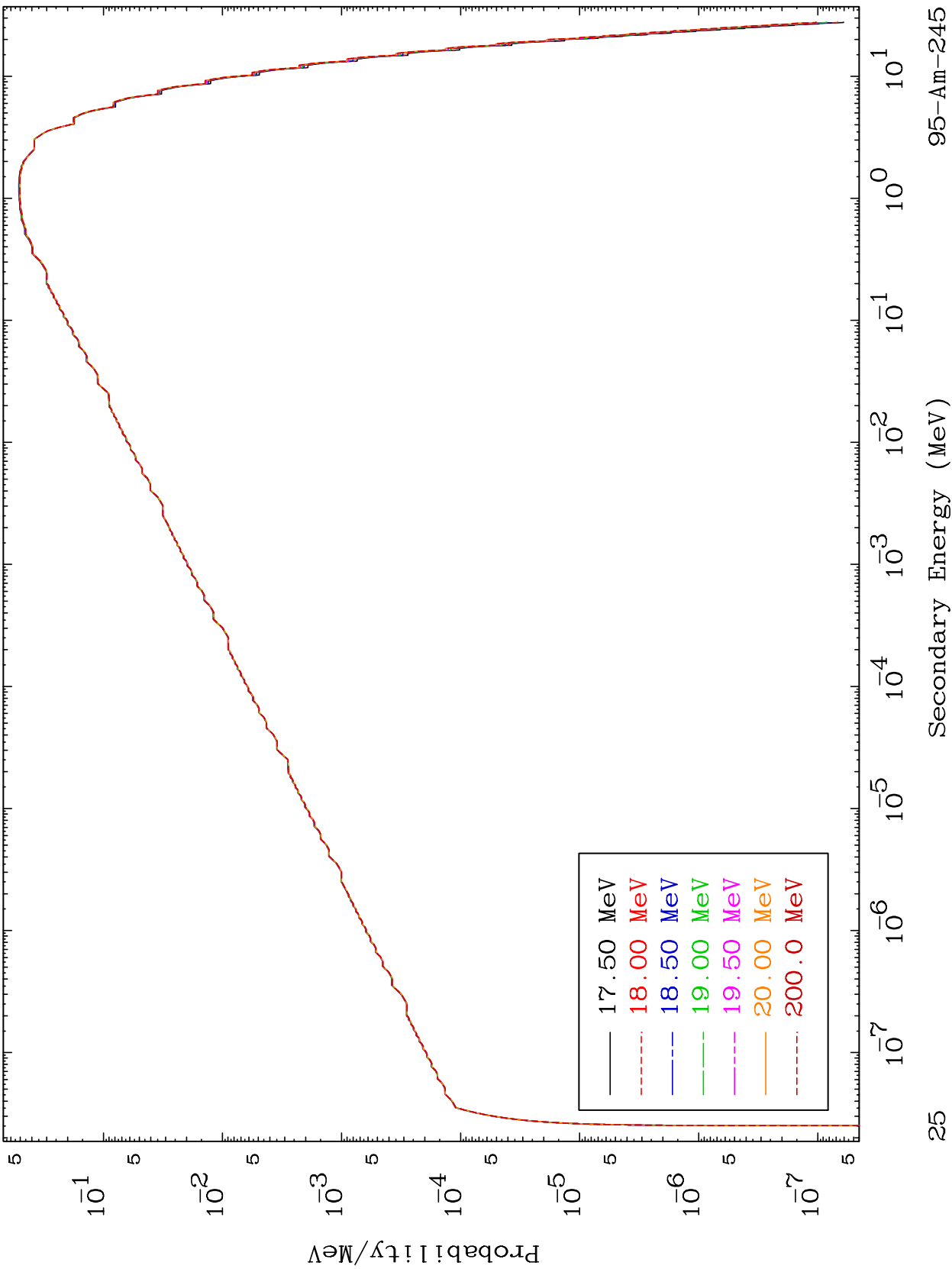
95-Am-245



MAT 9555

### Fission Energy Distribution

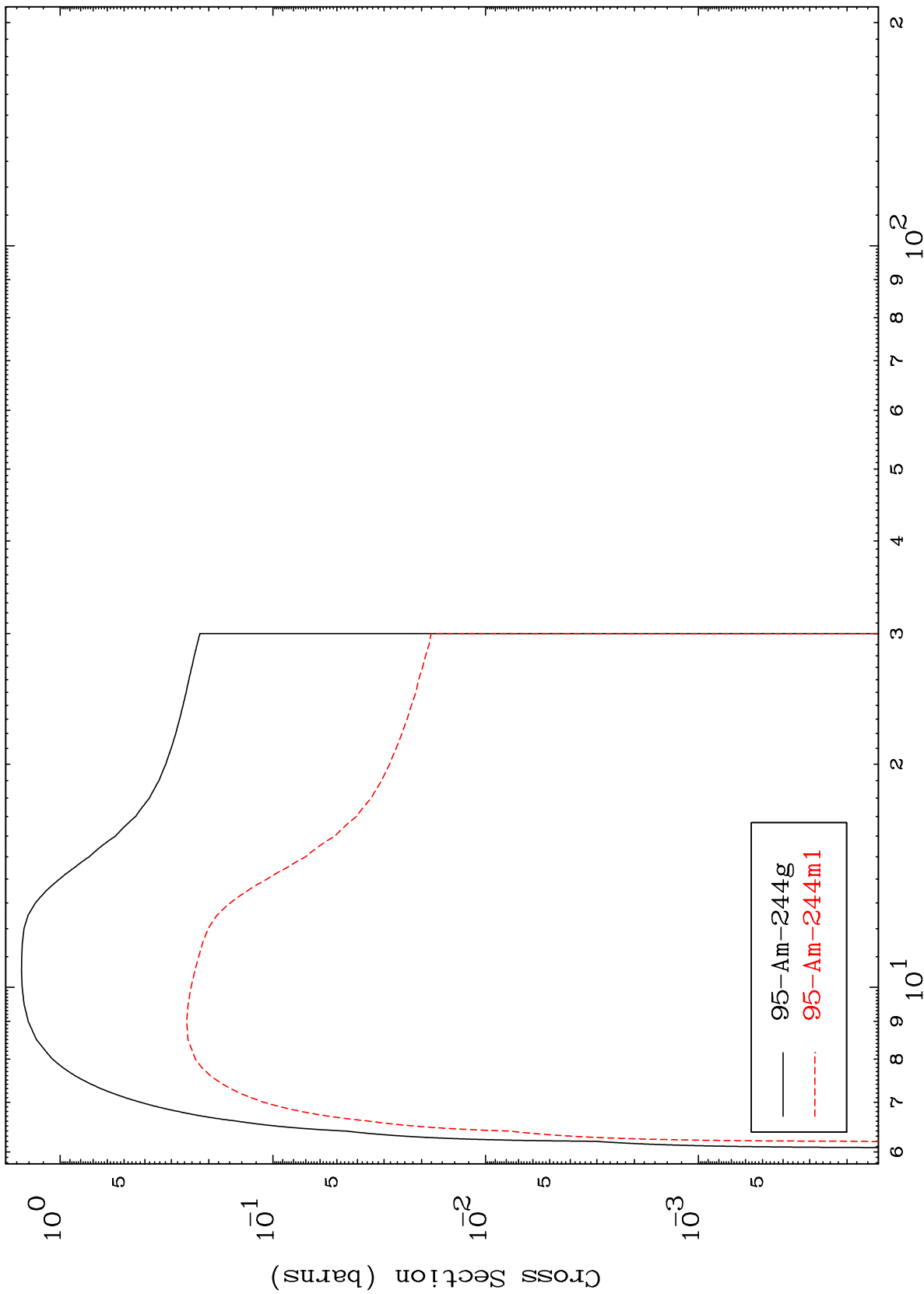
95-Am-245



MAT 9555

95-Am-245

(n,2n)  
Radionuclide Production Cross Section



95-Am-245

Incident Energy (MeV)

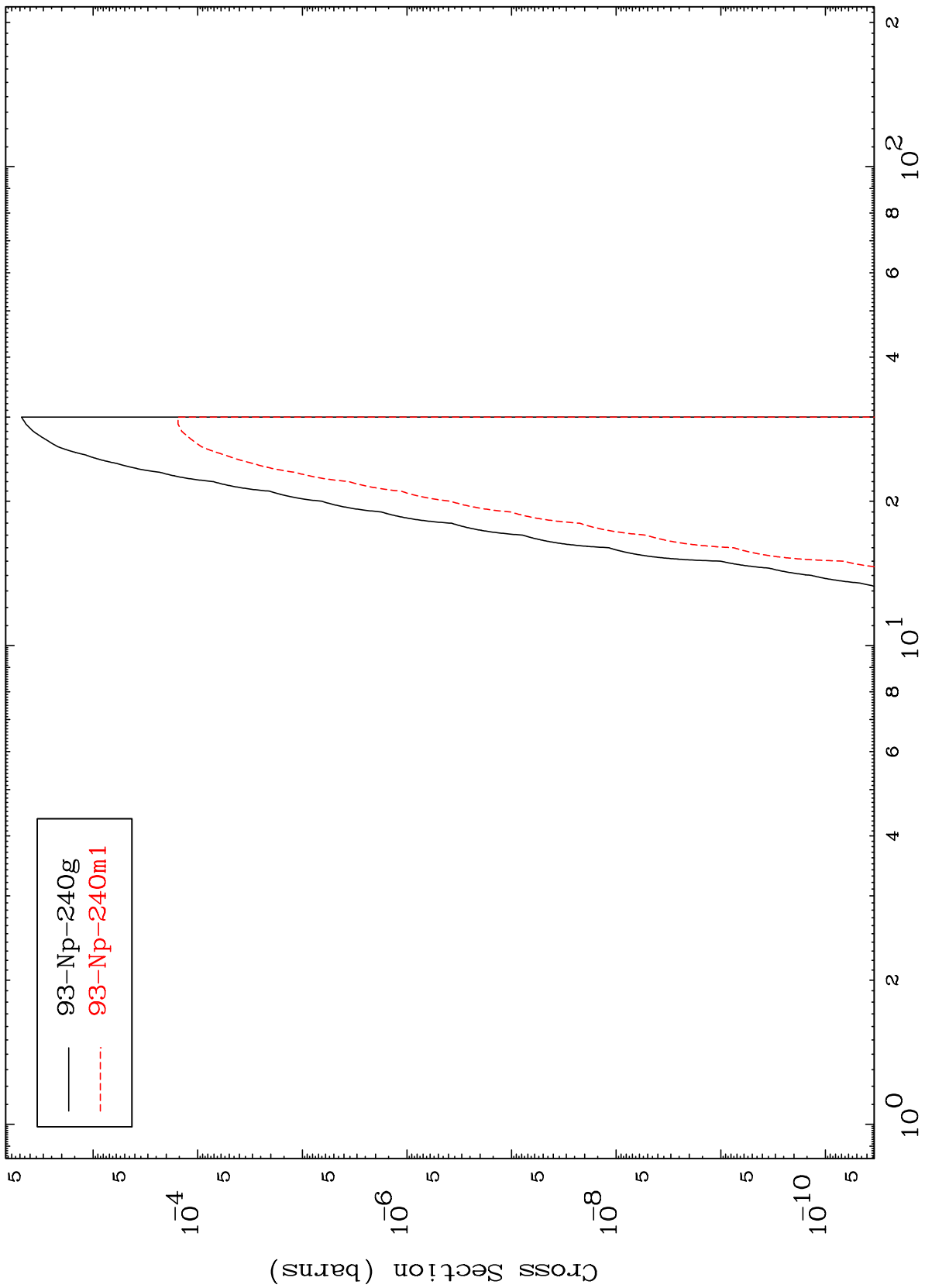
26

MAT 9555

(n,2n)  $\alpha$

95-Am-245

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

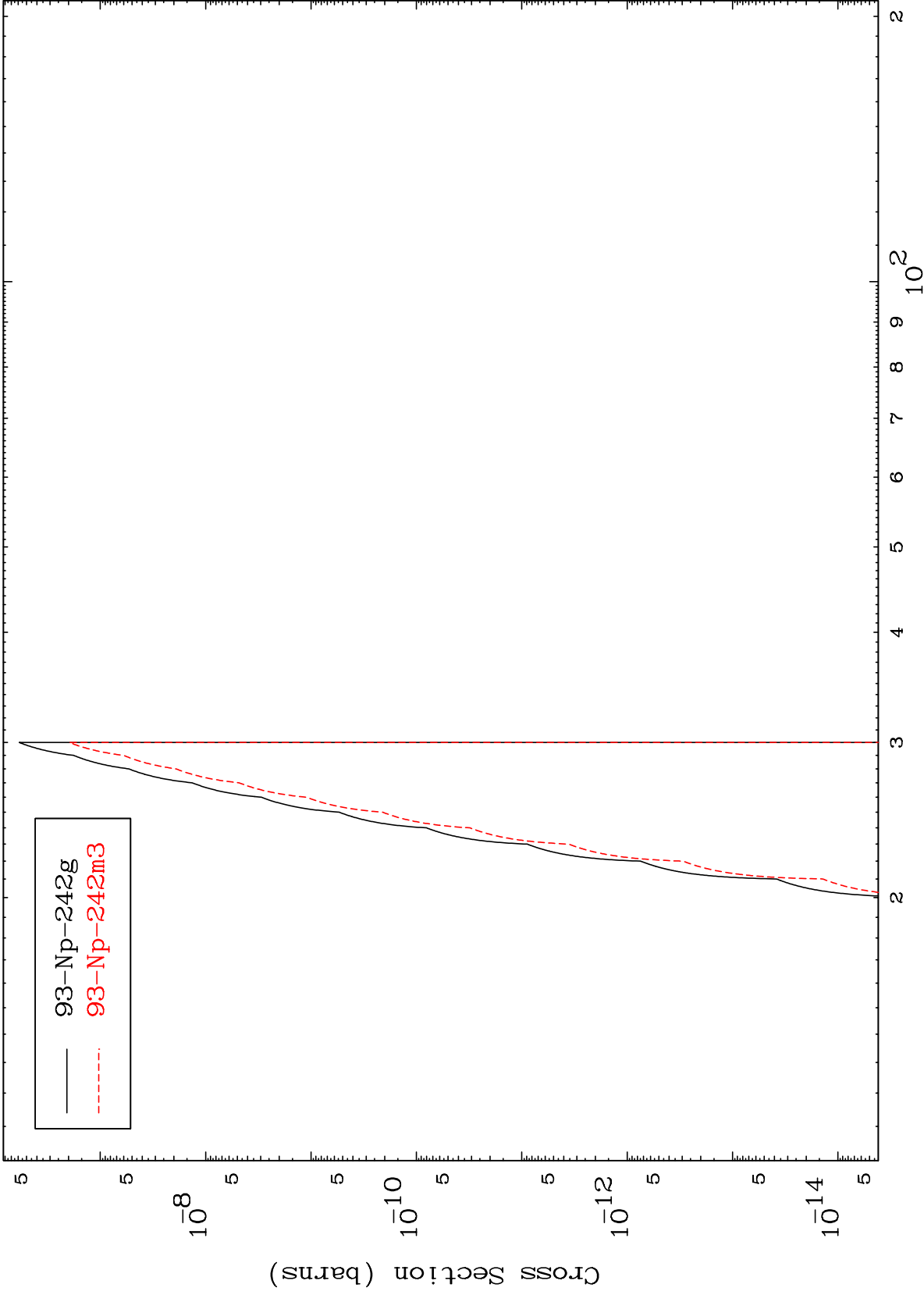
95-Am-245

MAT 9555

(n,n') He-3

95-Am-245

Radionuclide Production Cross Section



28

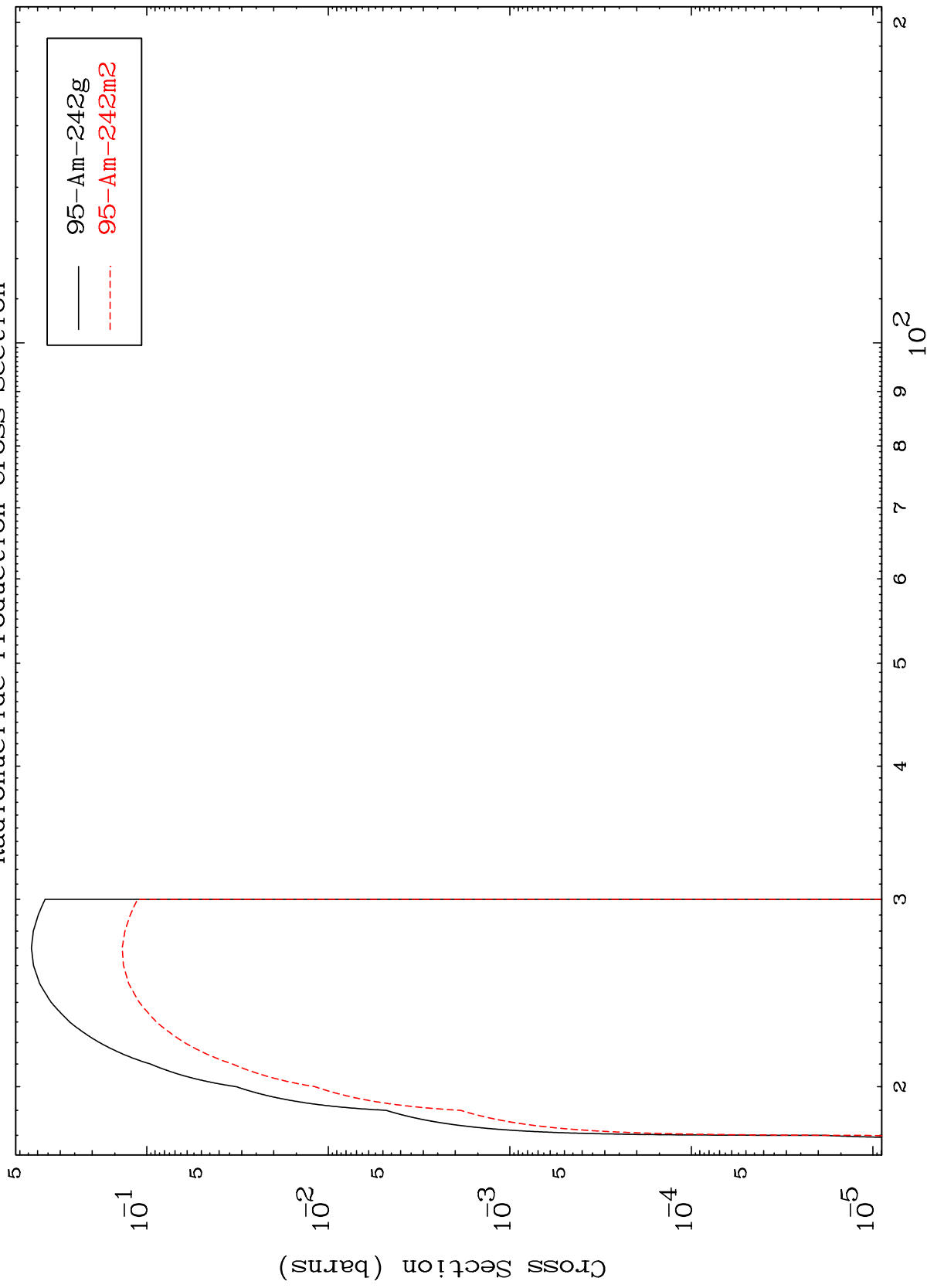
Incident Energy (MeV)

95-Am-245

MAT 9555

95-Am-245

(n,4n)  
Radionuclide Production Cross Section



29

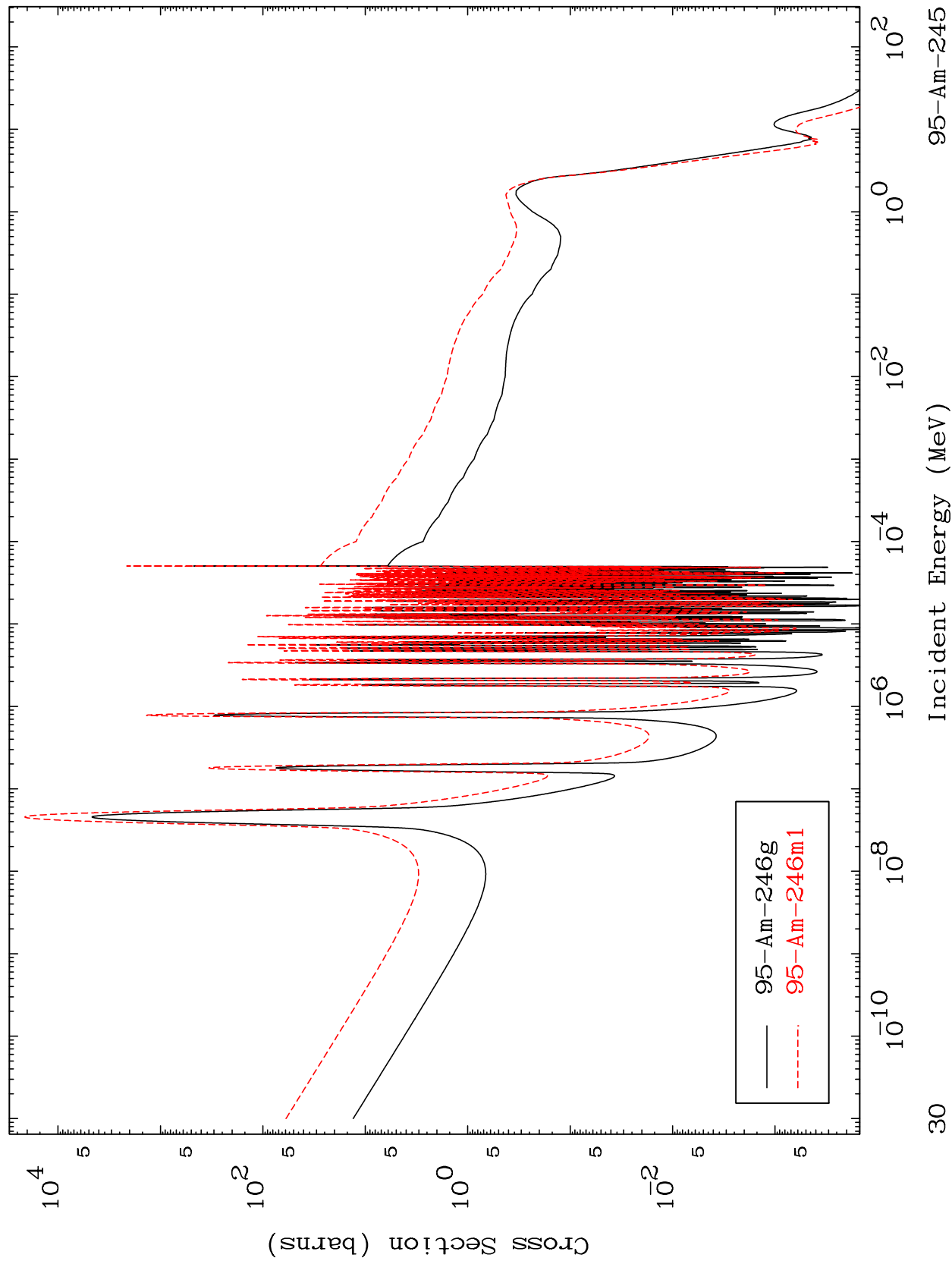
Incident Energy (MeV)

95-Am-245

MAT 9555

95-Am-245

(n,γ)  
Radionuclide Production Cross Section



MAT 9555

(n,  $\alpha$ )

<sup>95</sup>Am-245

Radionuclide Production Cross Section

