

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

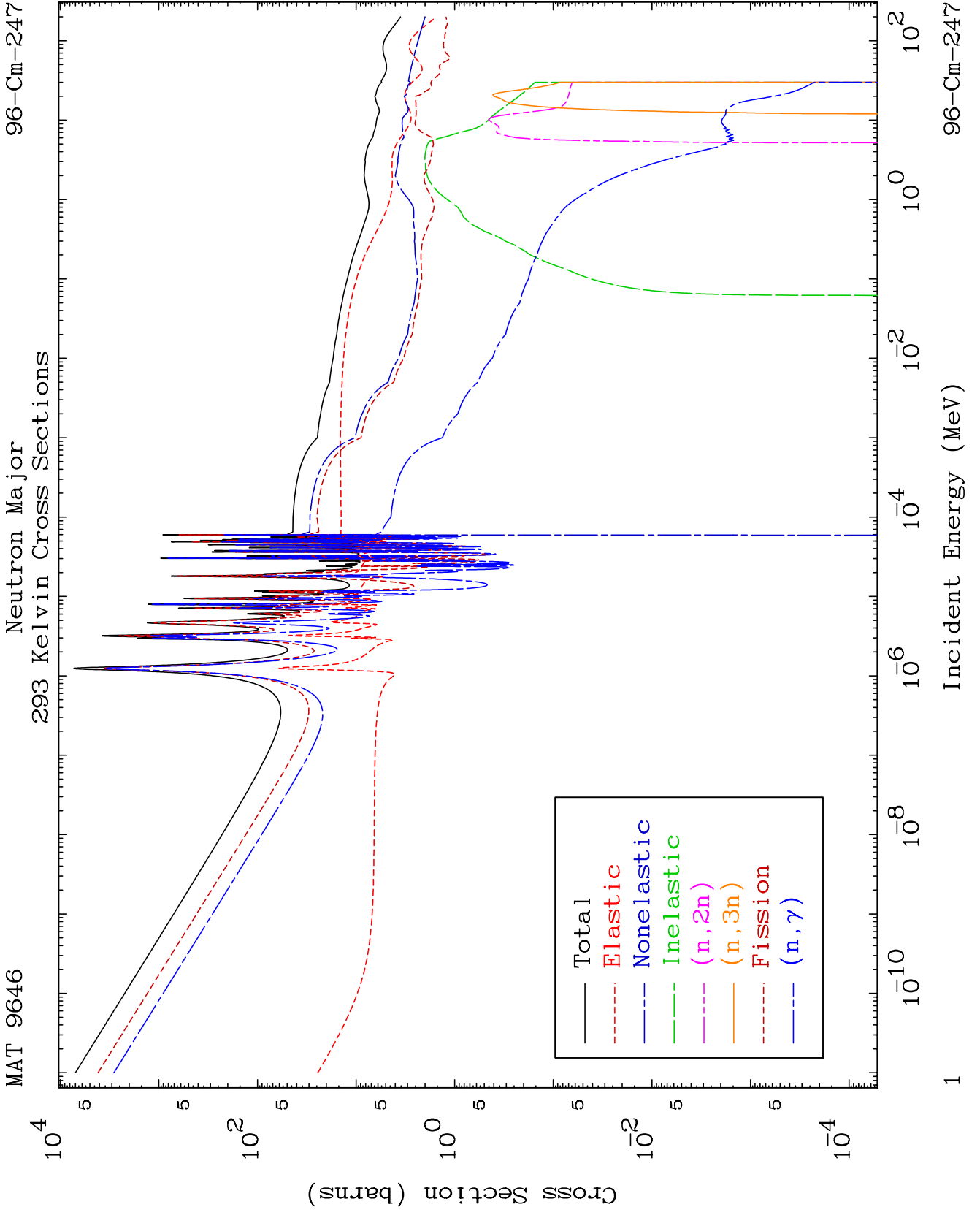
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

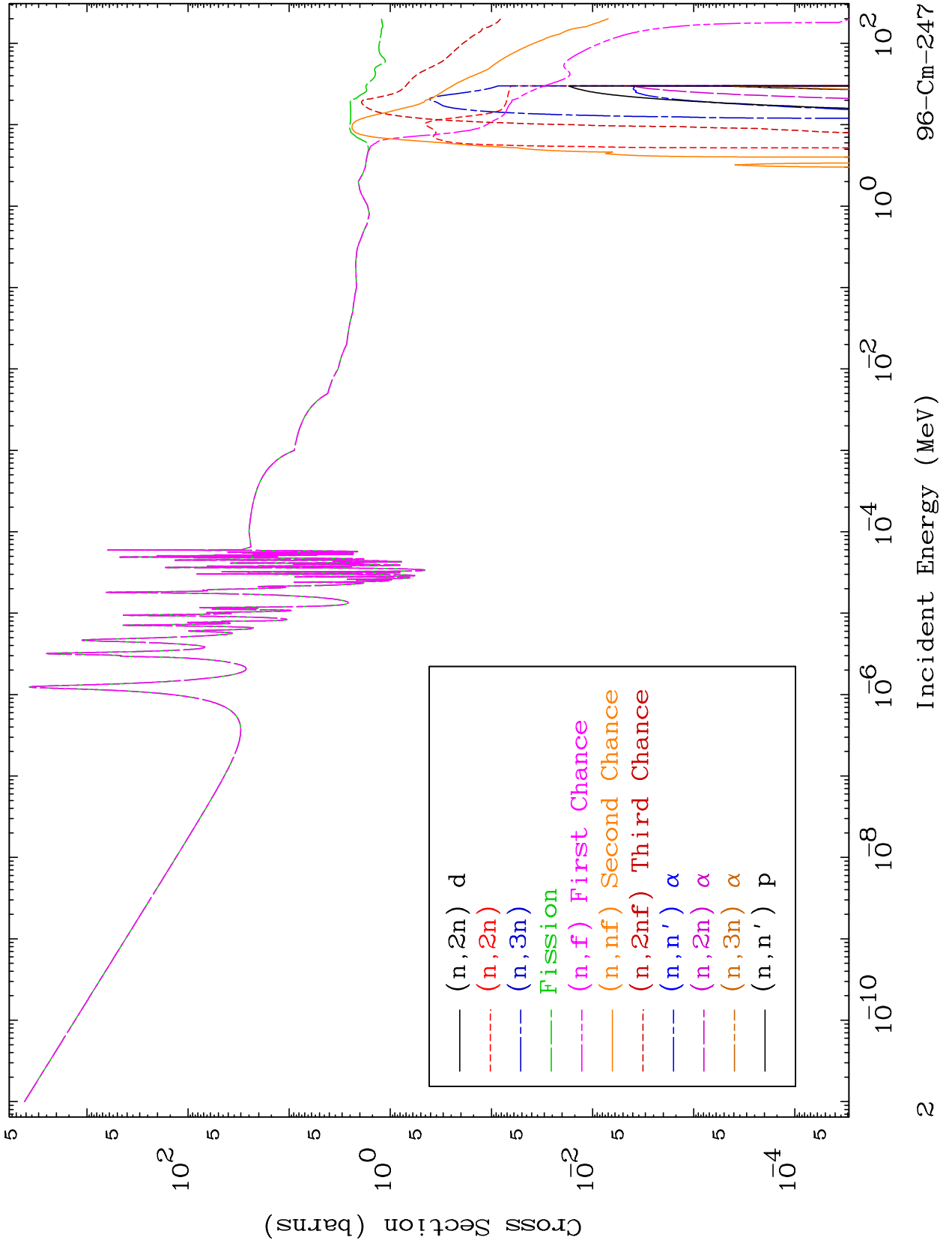
Press Mouse Button to Start



MAT 9646

Neutron Absorption  
293 Kelvin Cross Sections

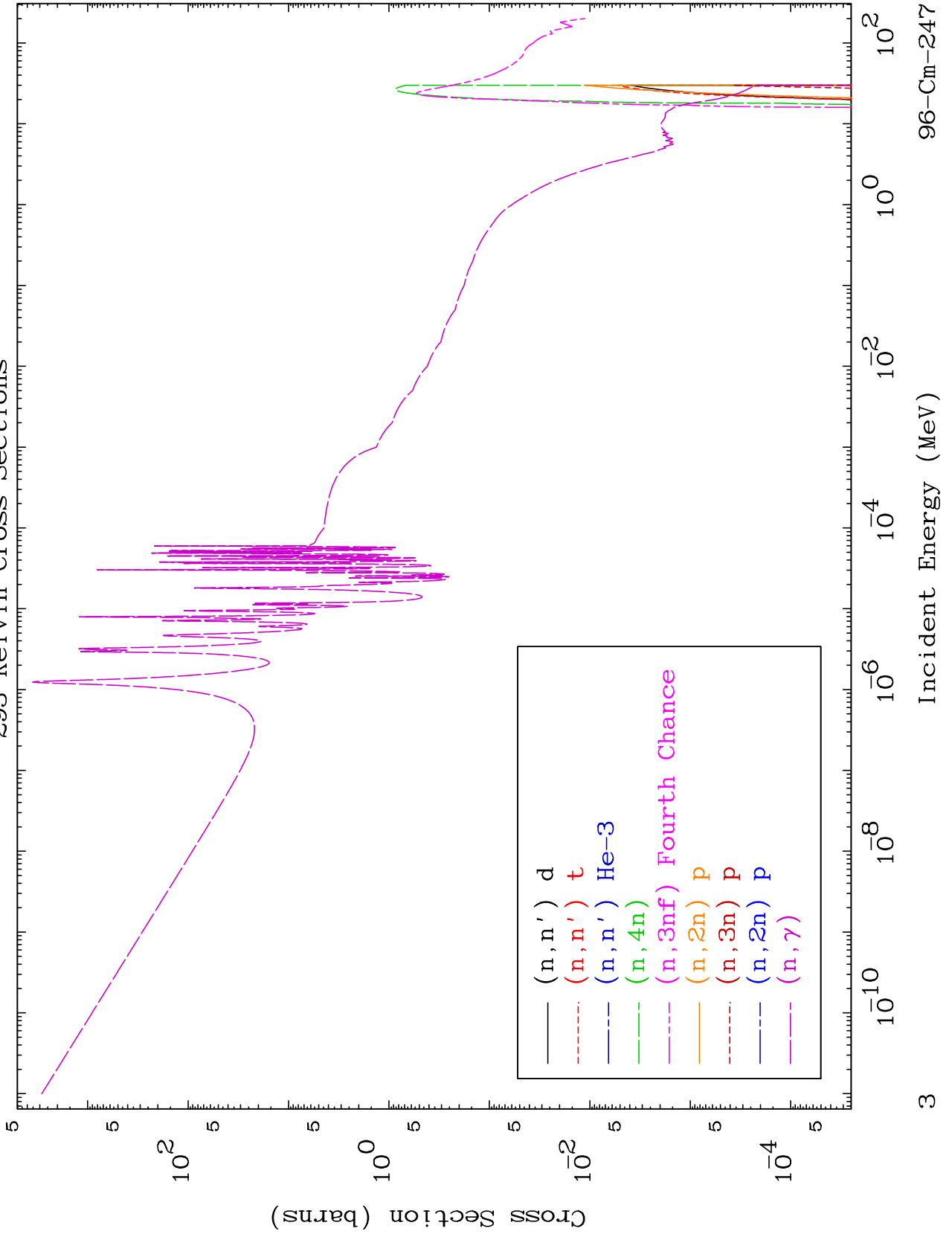
96-Cm-247



MAT 9646

Neutron Absorption  
293 Kelvin Cross Sections

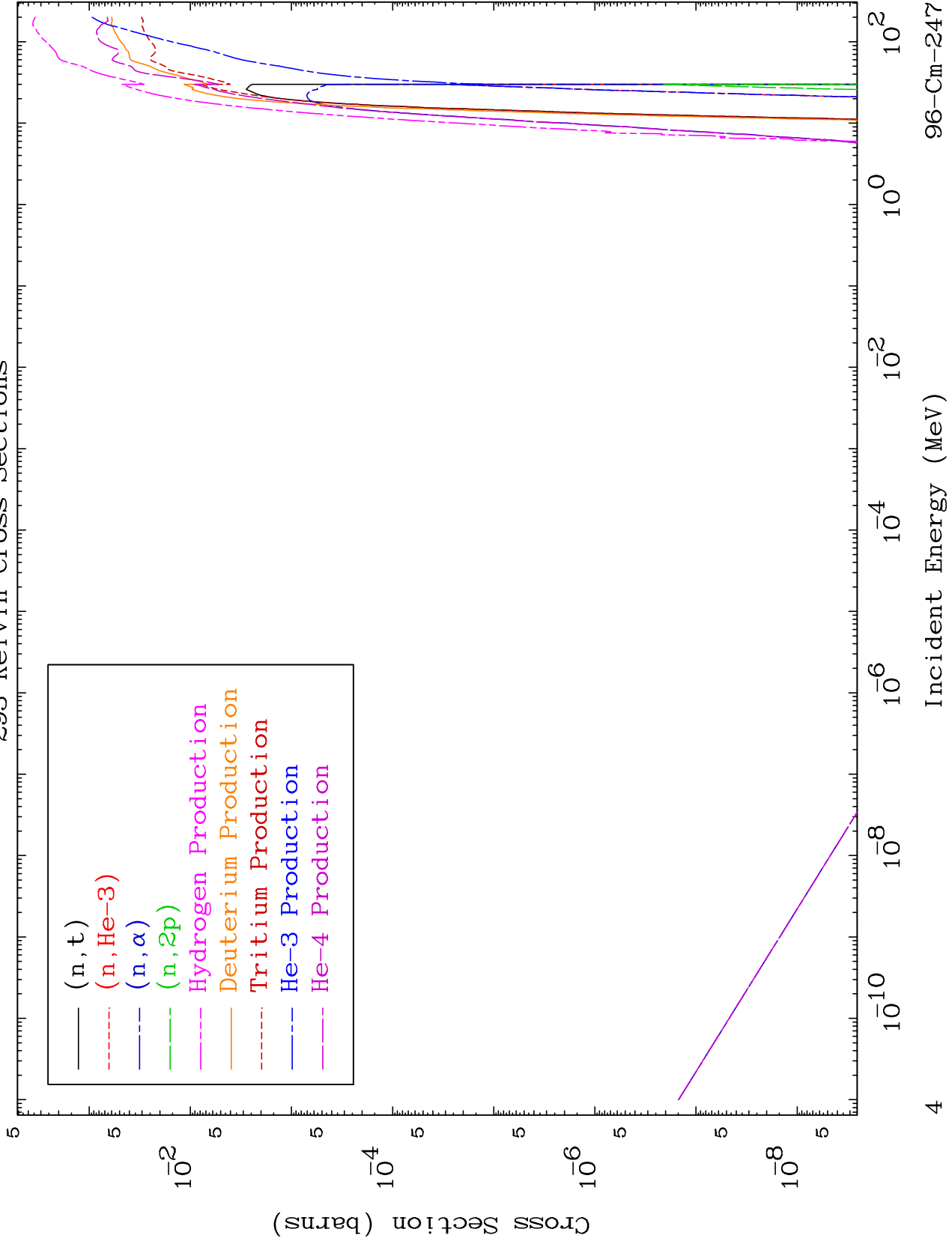
96-Cm-247



MAT 9646

Neutron Absorption  
293 Kelvin Cross Sections

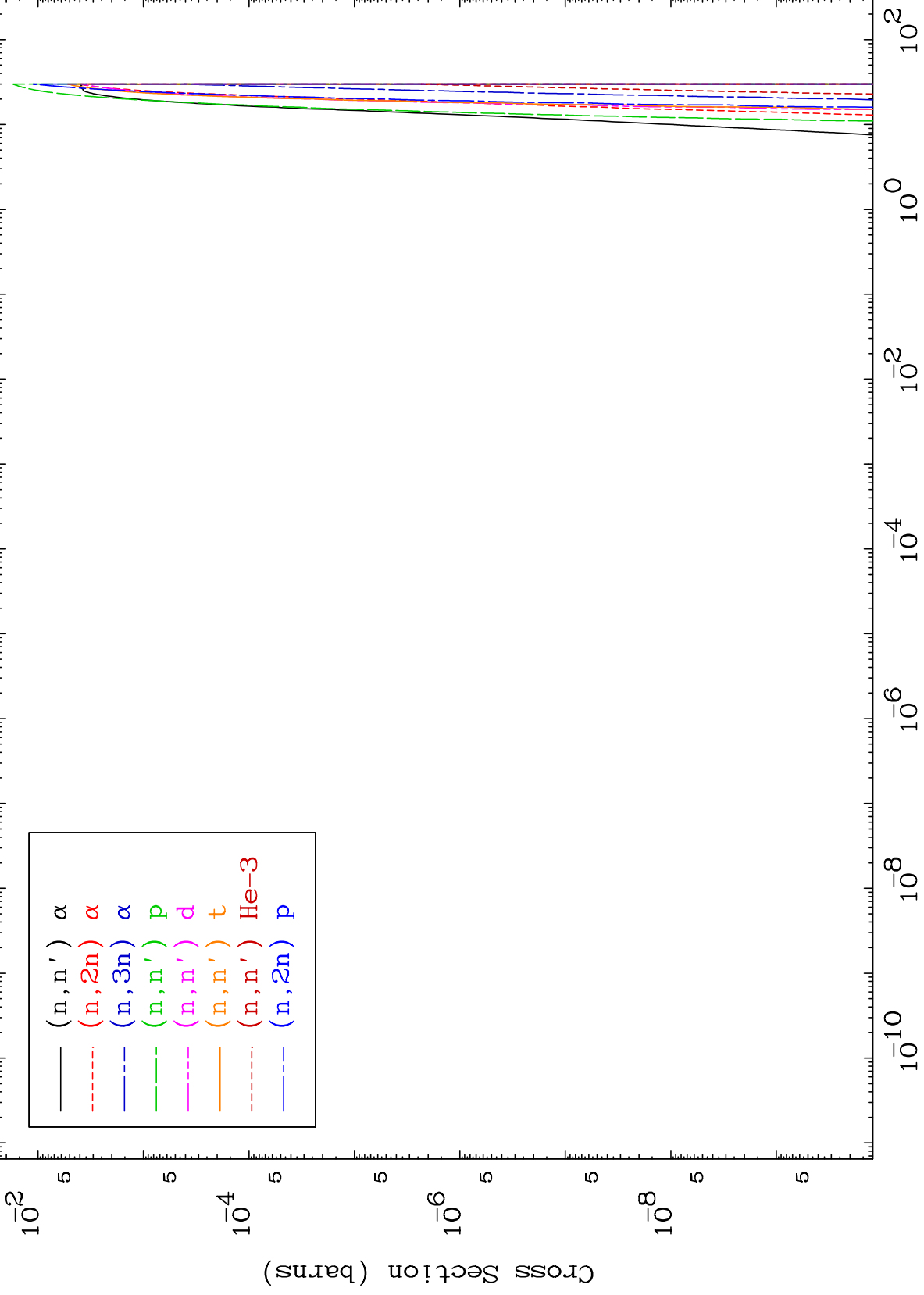
96-Cm-247



MAT 9646

Charged Particle  
293 Kelvin Cross Sections

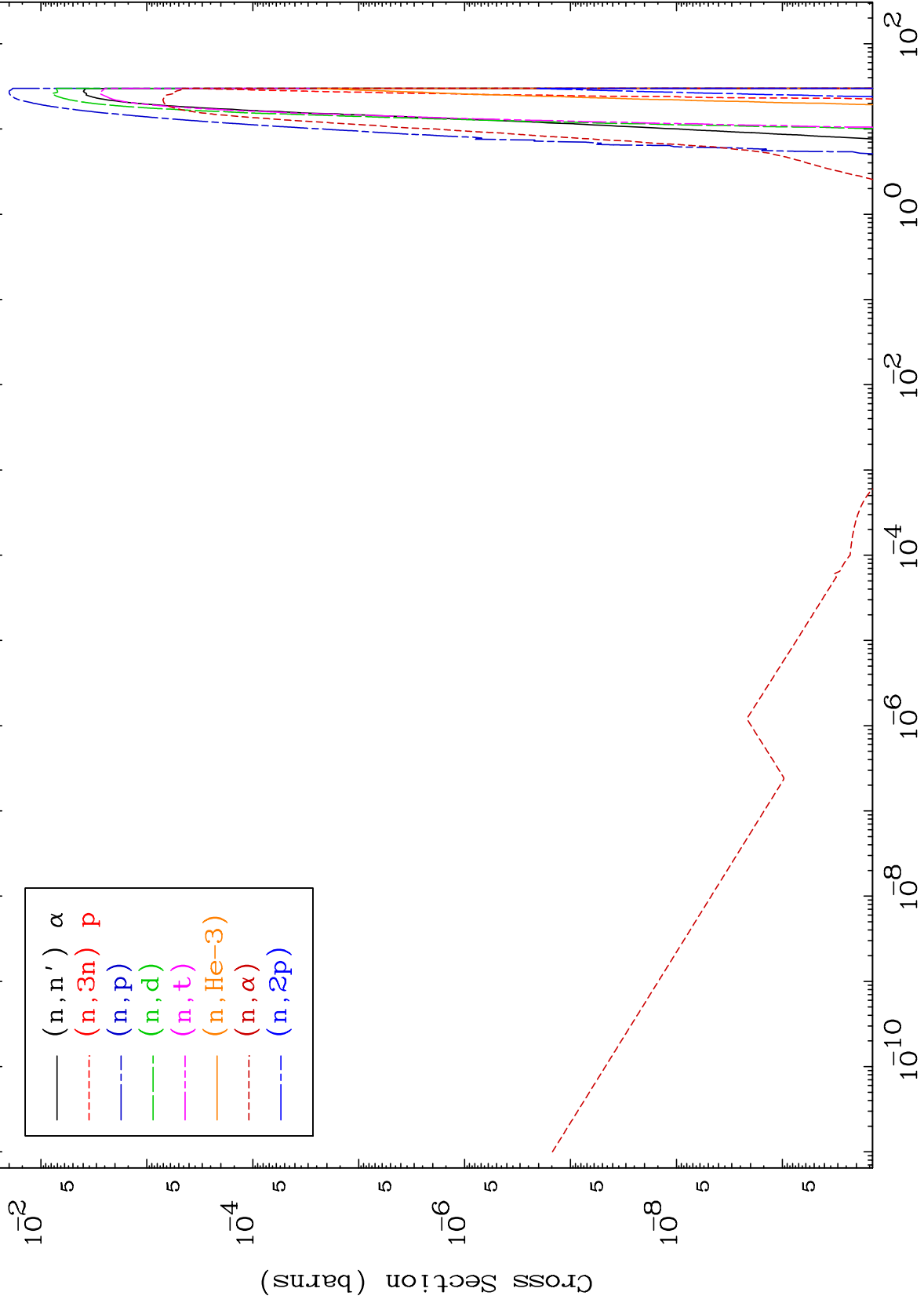
96-Cm-247



MAT 9646

Charged Particle  
293 Kelvin Cross Sections

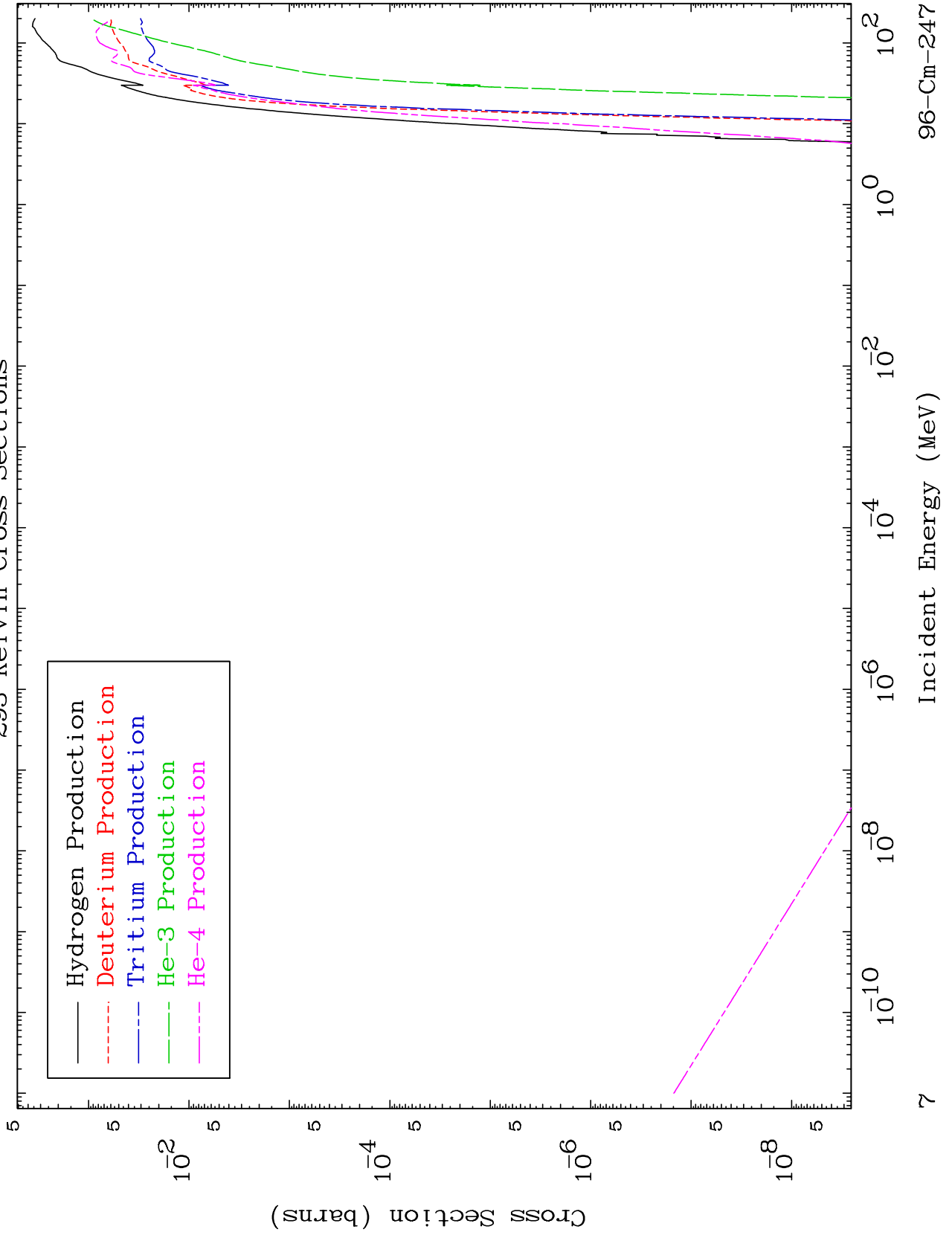
96-Cm-247



MAT 9646

Particle Production  
293 Kelvin Cross Sections

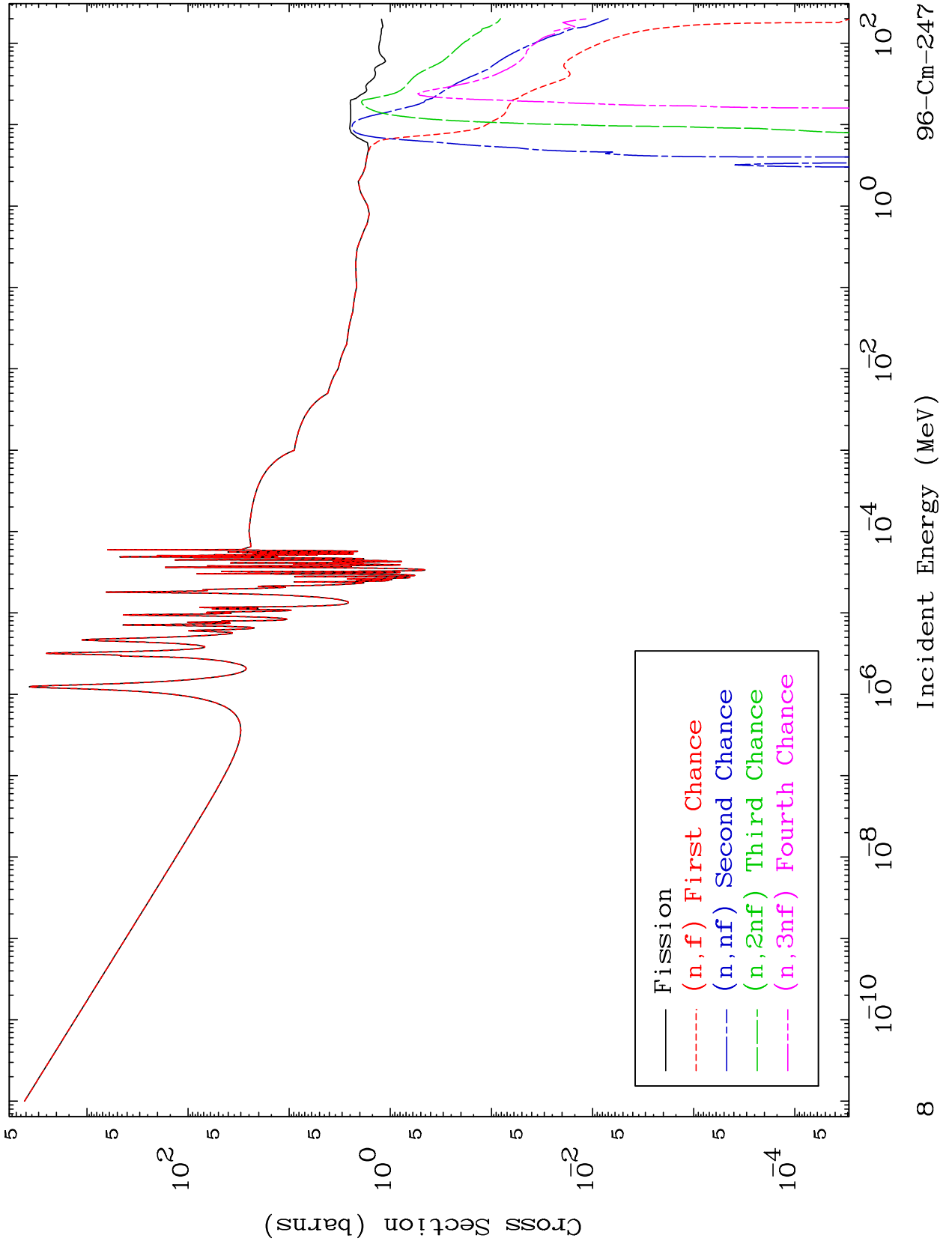
96-Cm-247



MAT 9646

Fission  
293 Kelvin Cross Sections

96-Cm-247

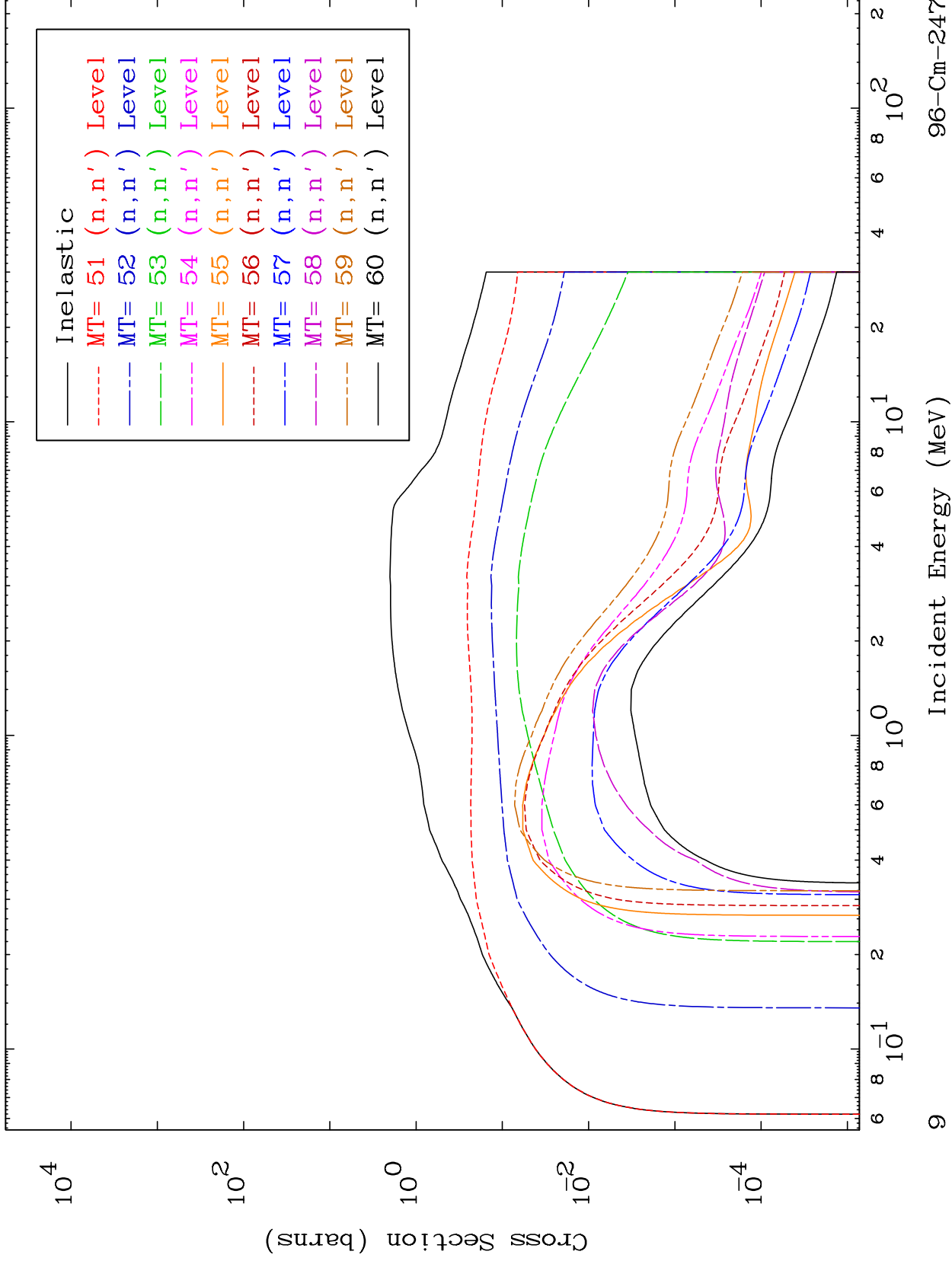


MAT 9646

(n,n') Levels

96-Cm-247

293 Kelvin Cross Sections

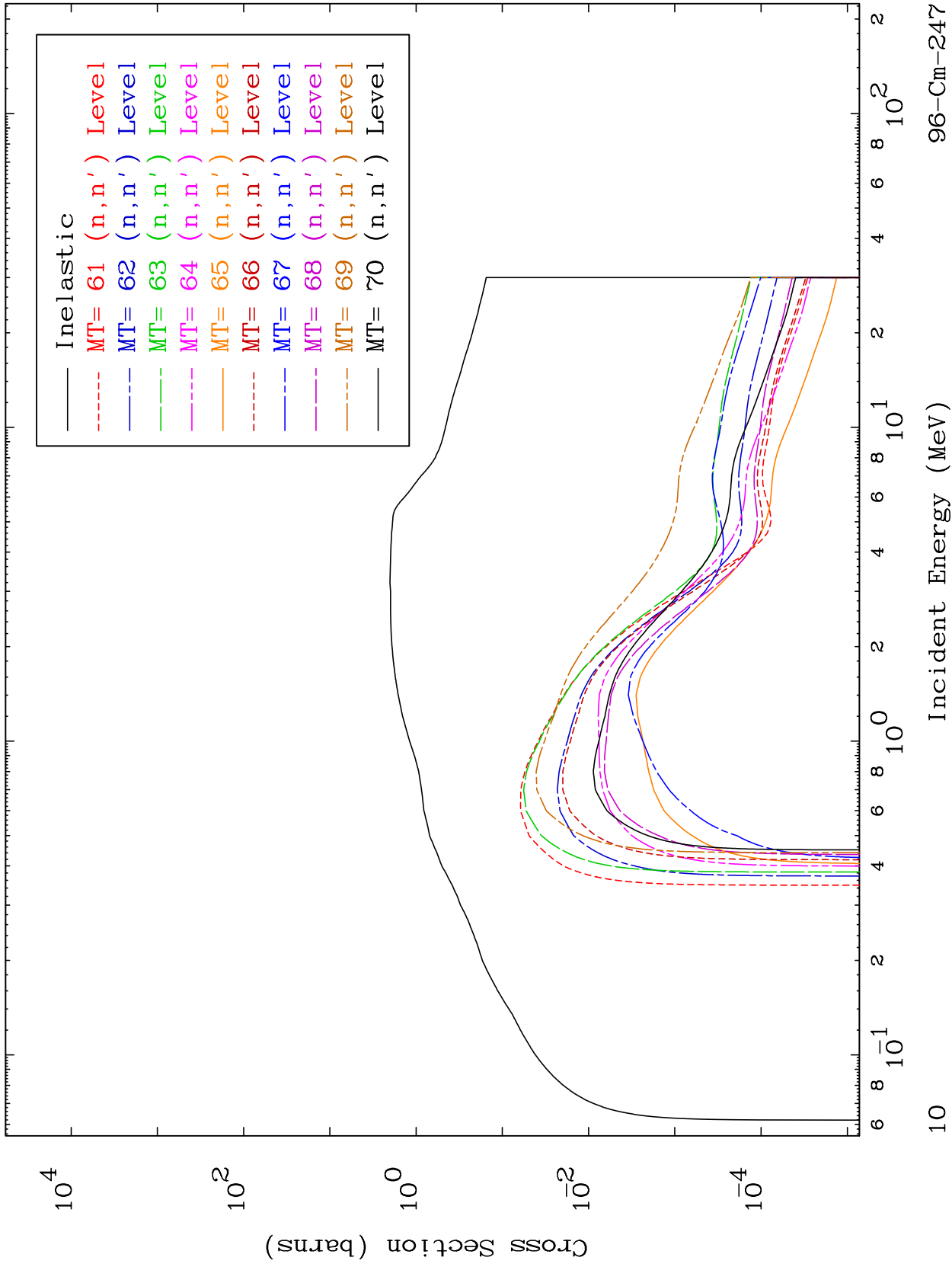


MAT 9646

(n,n') Levels

293 Kelvin Cross Sections

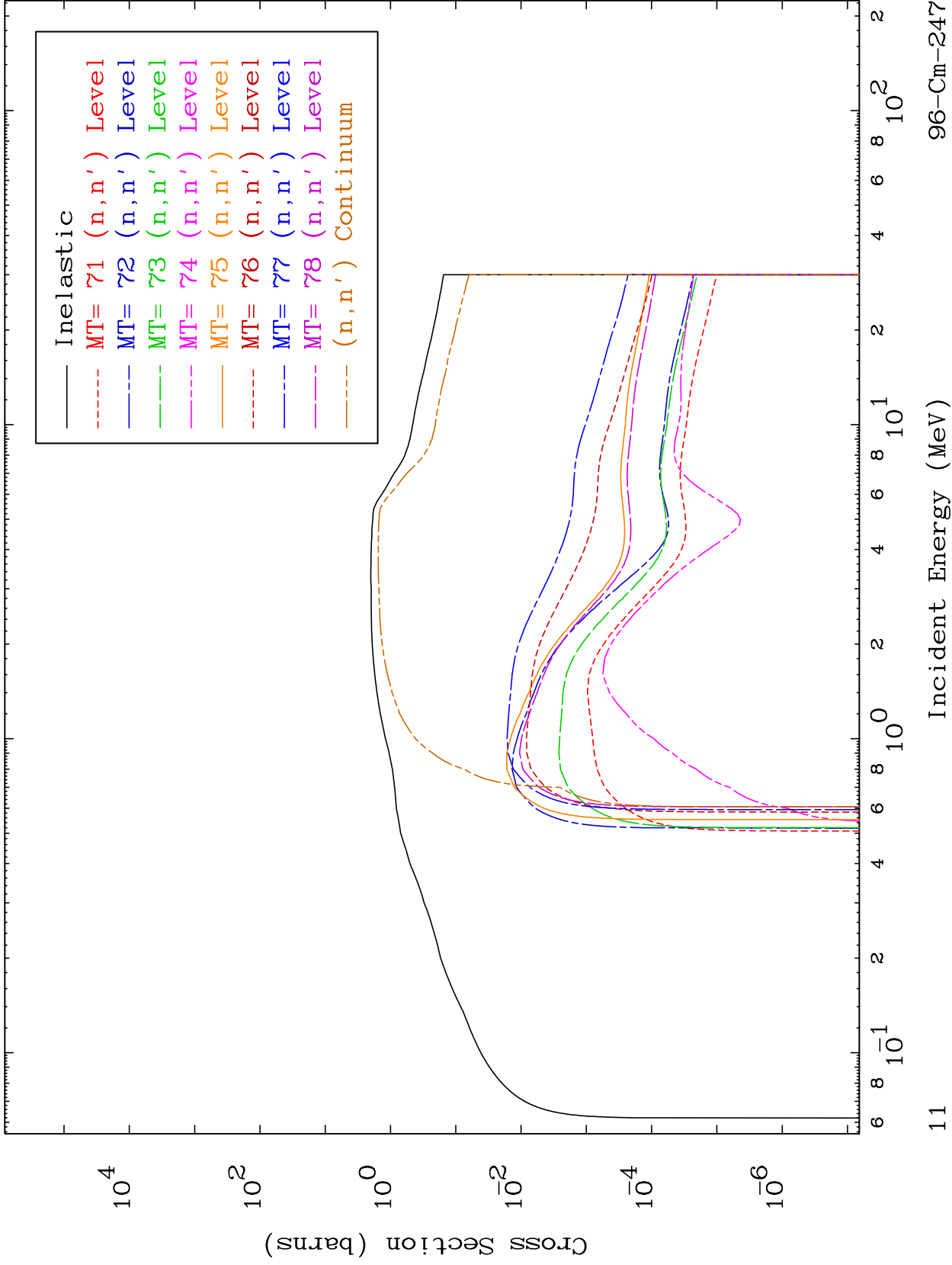
96-Cm-247



10

Incident Energy (MeV)

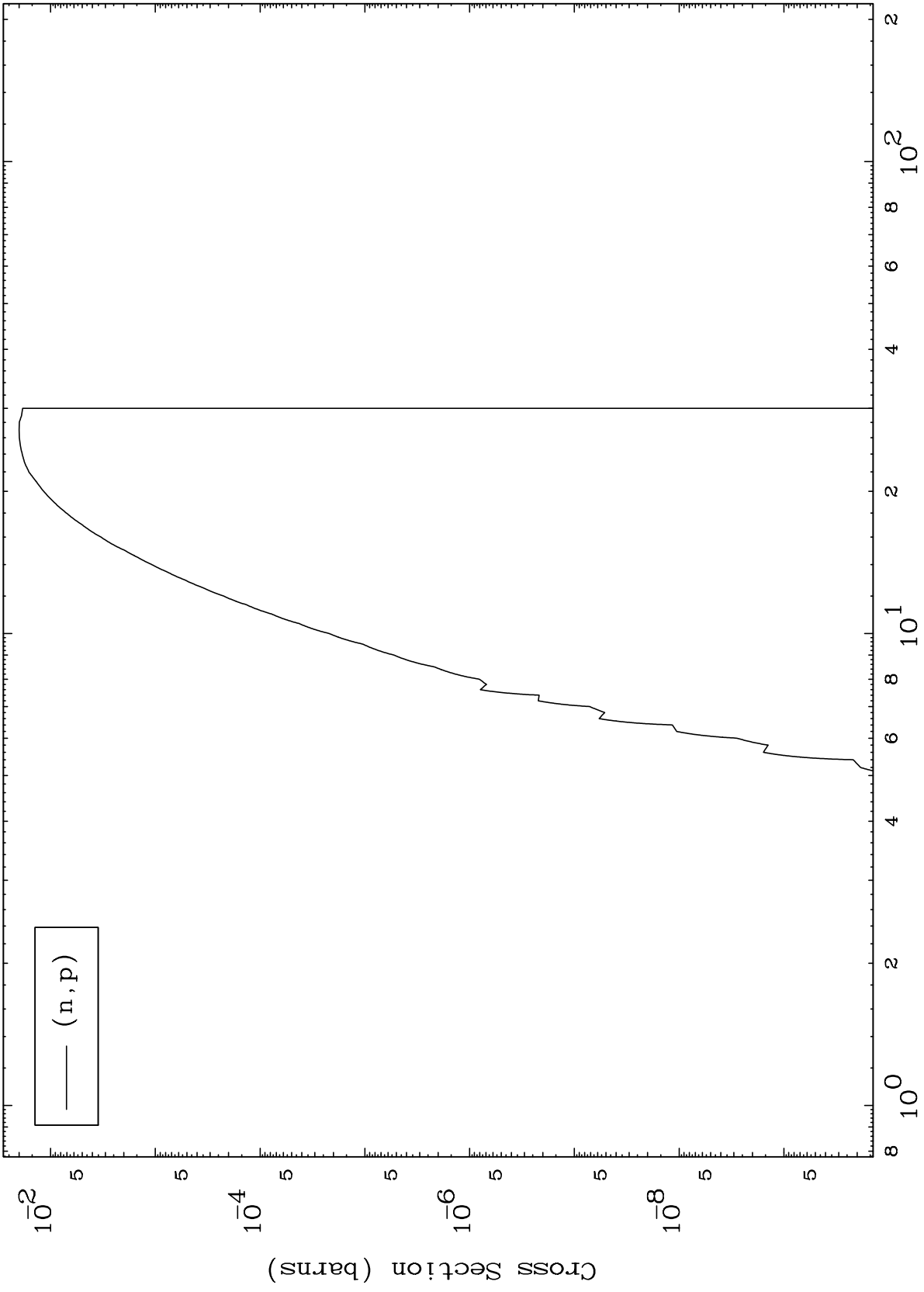
96-Cm-247



MAT 9646

(n,p) Levels  
293 Kelvin Cross Sections

96-Cm-247



12

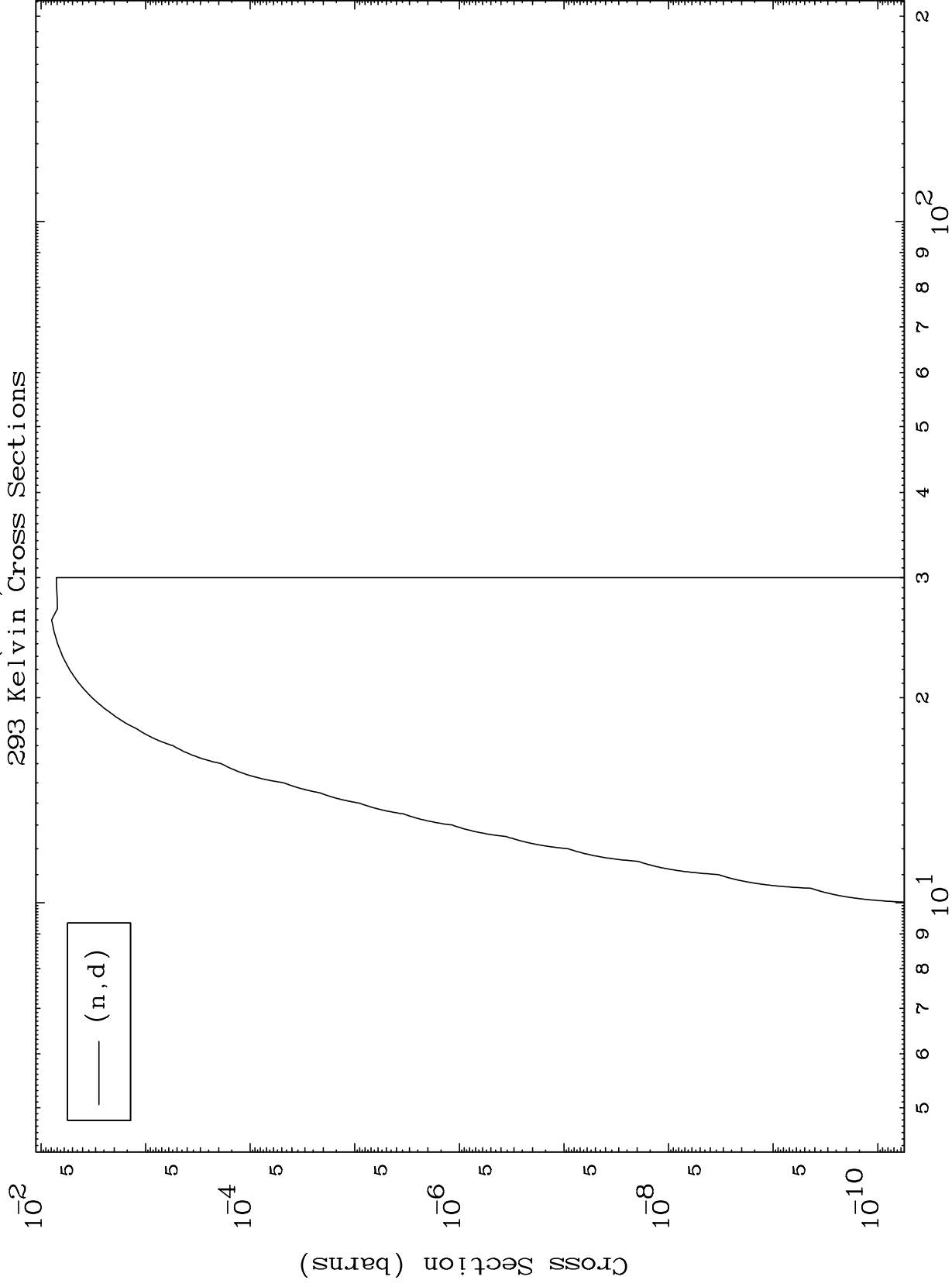
Incident Energy (MeV)

96-Cm-247

MAT 9646

(n,d) Levels  
293 Kelvin Cross Sections

96-Cm-247



13

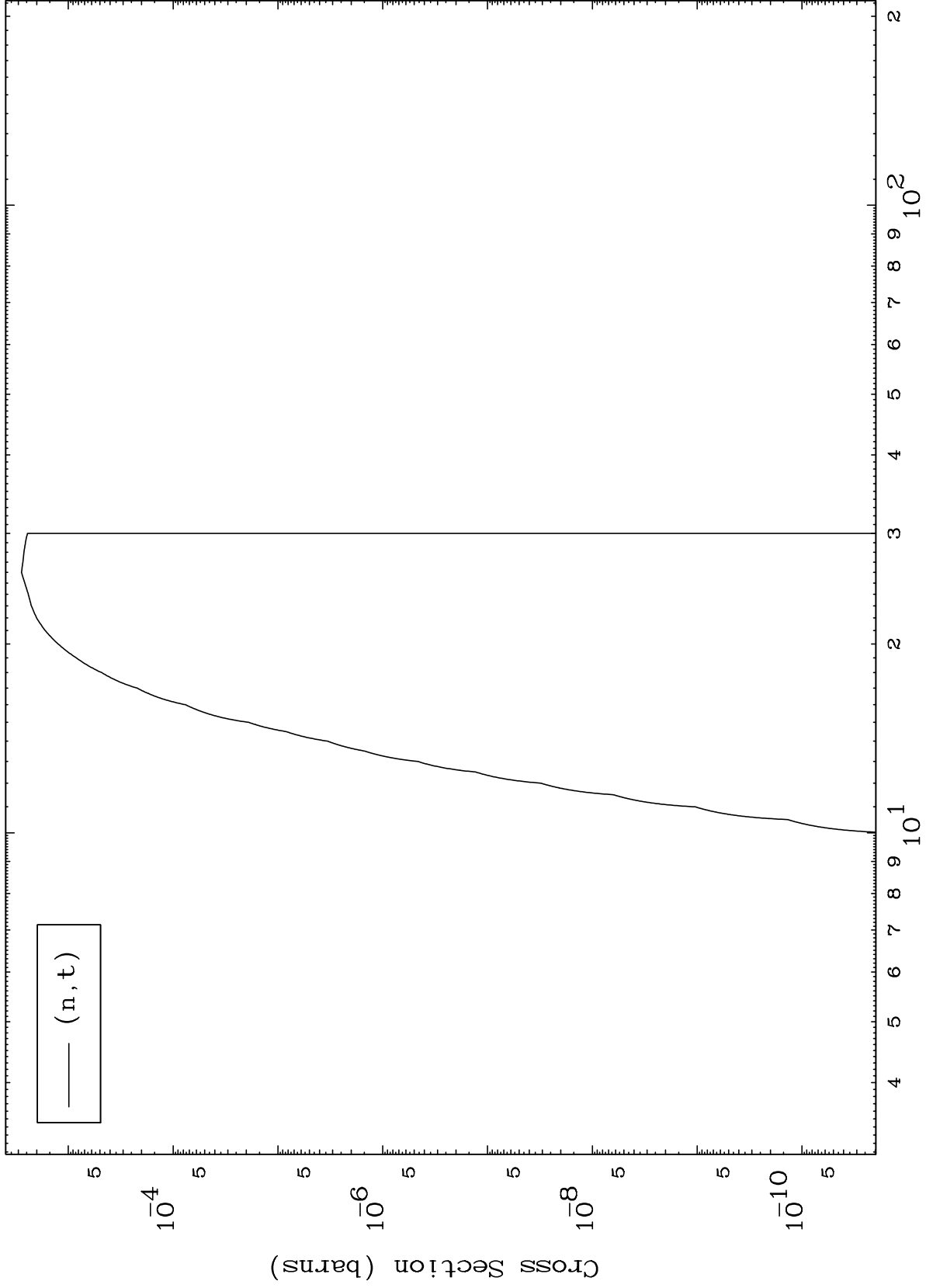
Incident Energy (MeV)

96-Cm-247

MAT 9646

(n,t) Levels  
293 Kelvin Cross Sections

96-Cm-247



14

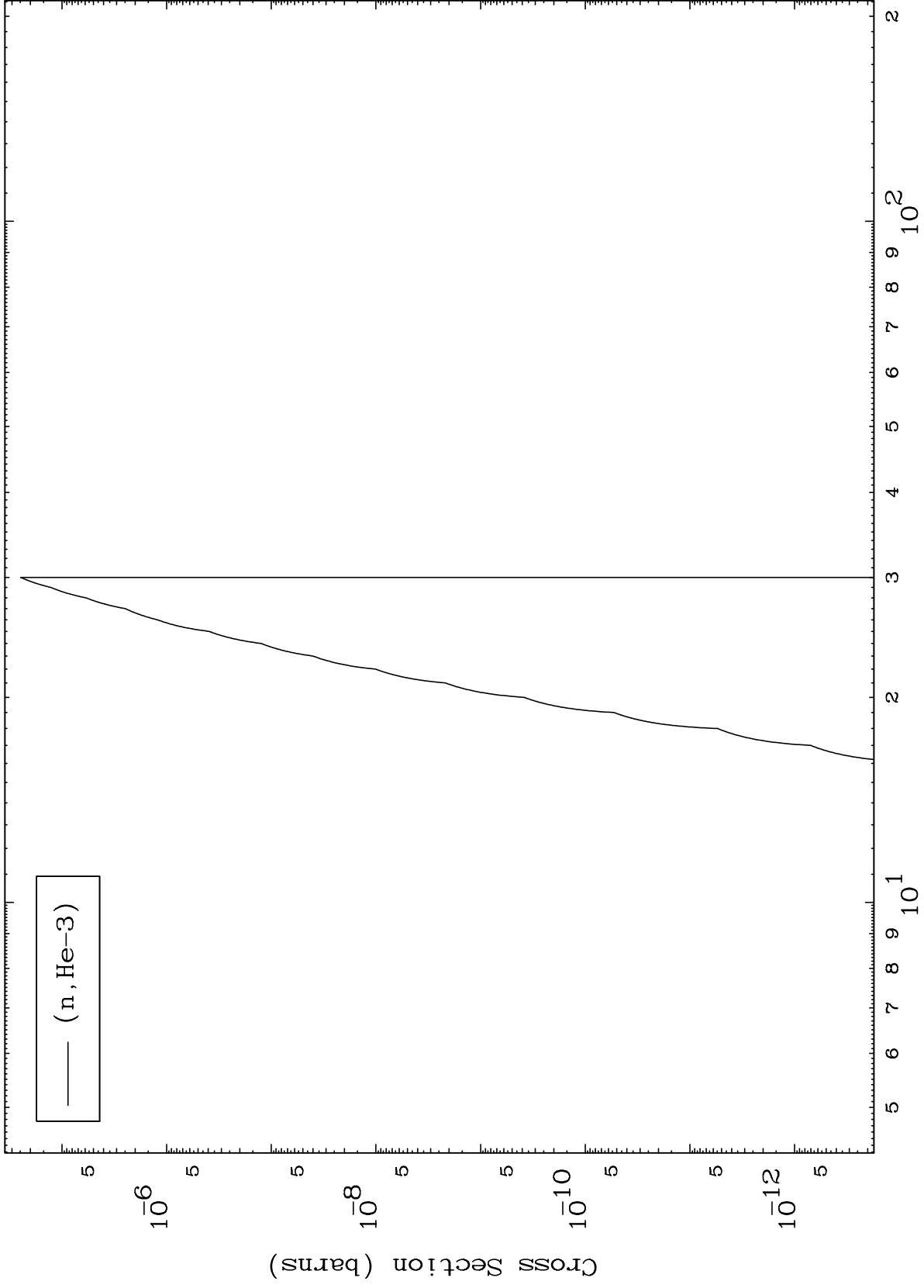
Incident Energy (MeV)

96-Cm-247

MAT 9646

(n,He3) Levels  
293 Kelvin Cross Sections

96-Cm-247



15

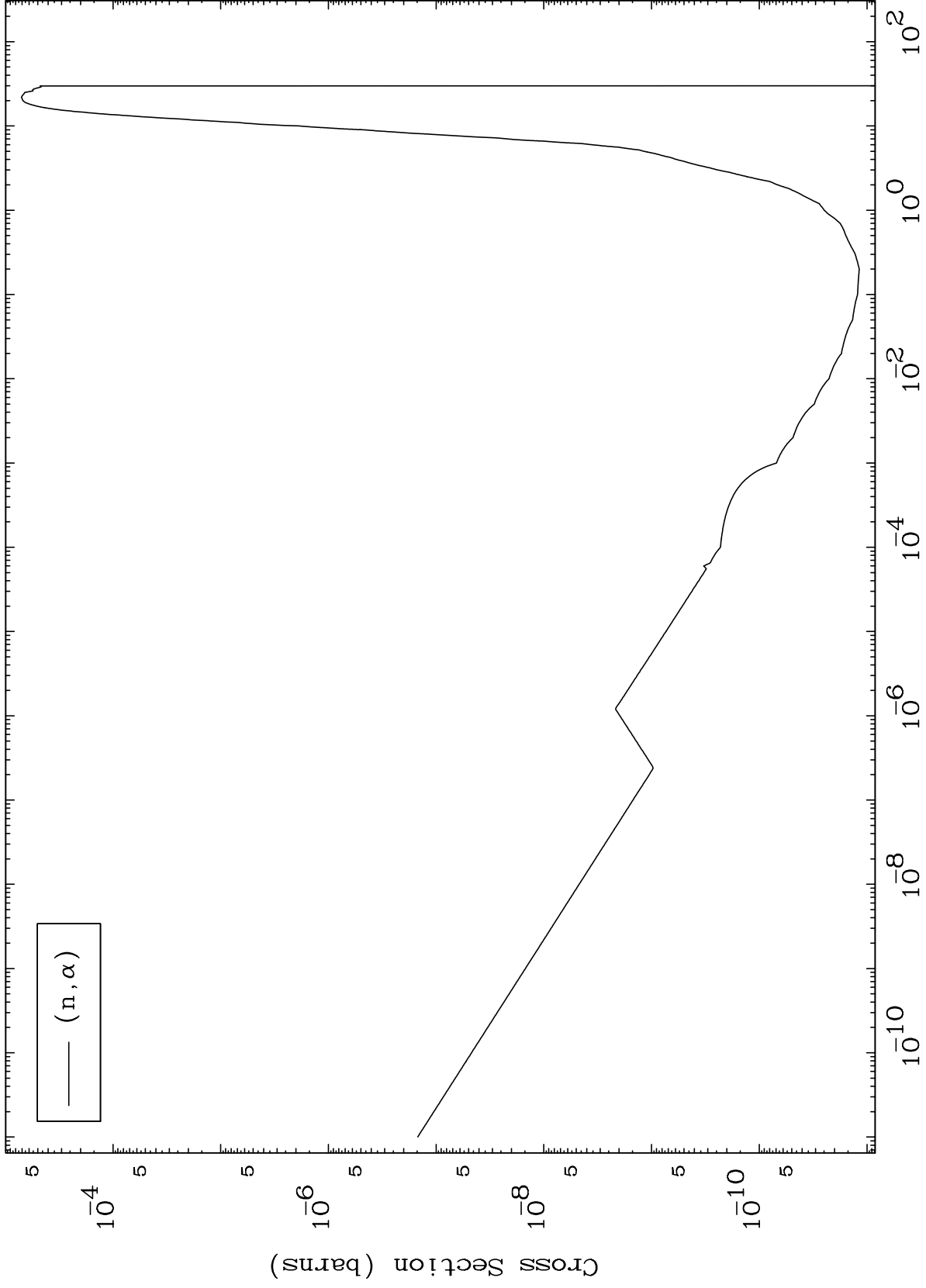
Incident Energy (MeV)

96-Cm-247

MAT 9646

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

96-Cm-247



16

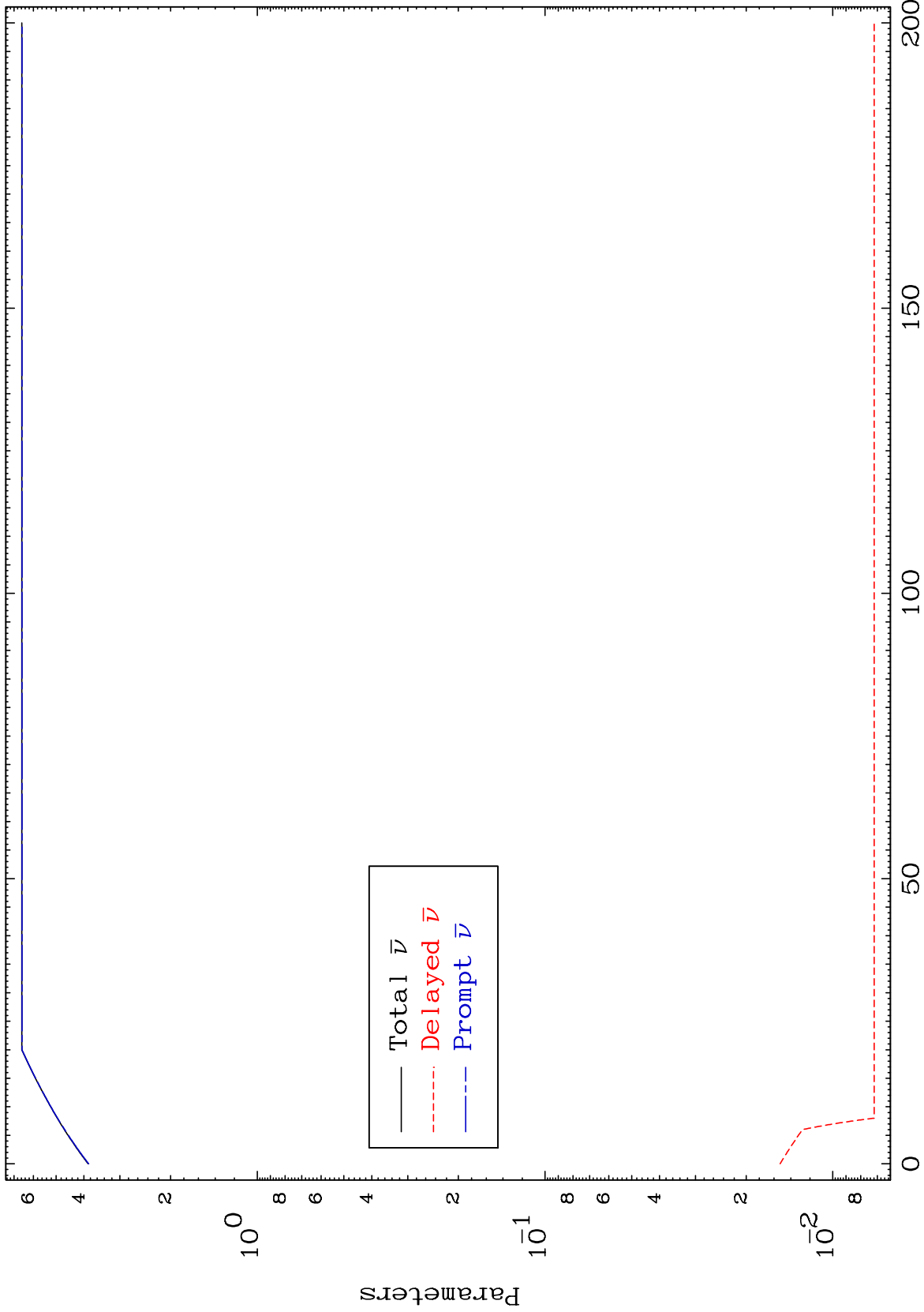
Incident Energy (MeV)

96-Cm-247

MAT 9646

Energy Release  
Parameters

96-Cm-247



17

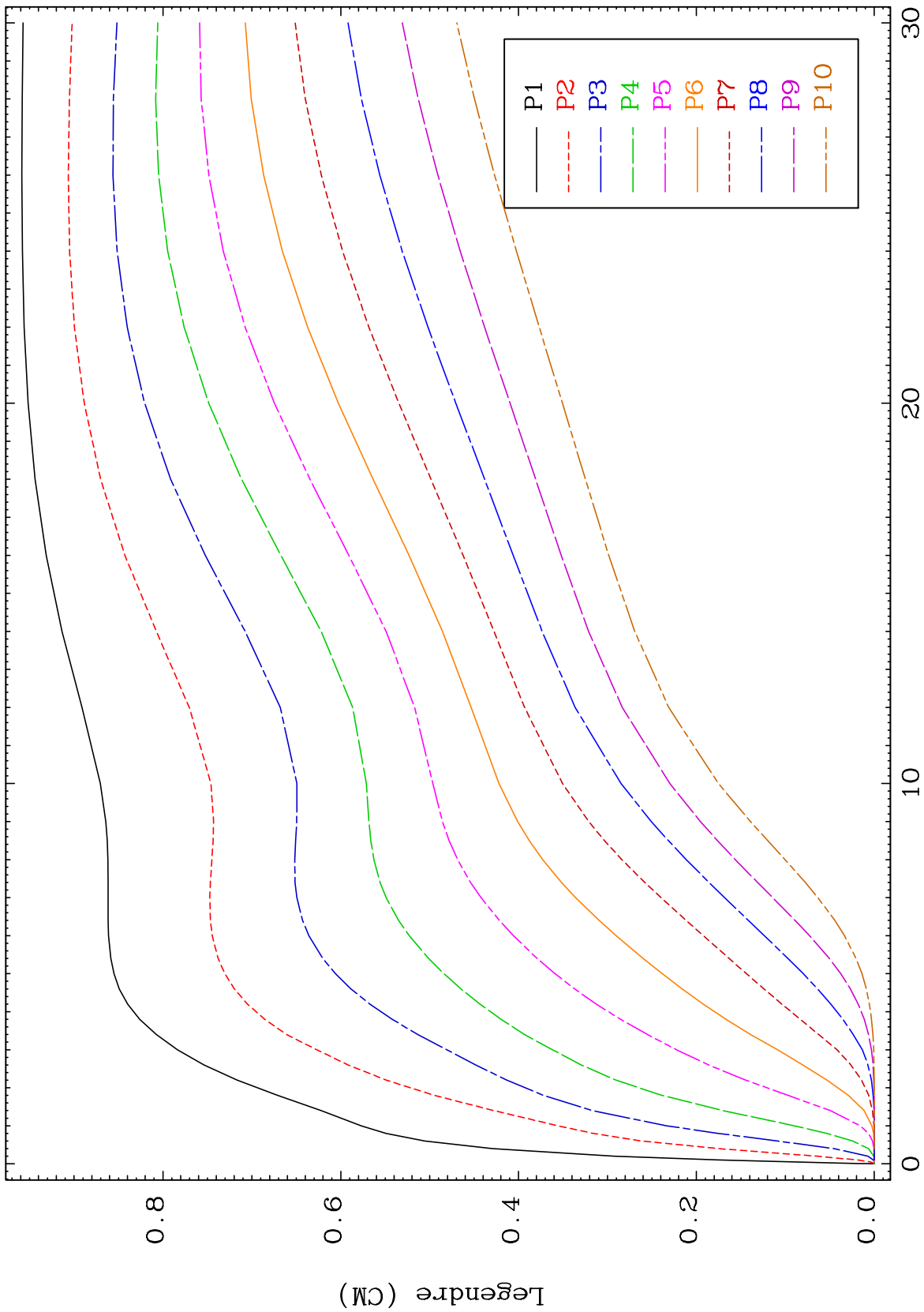
Incident Energy (MeV)

96-Cm-247

MAT 9646

96-Cm-247

Elastic Legendre Coefficients



96-Cm-247

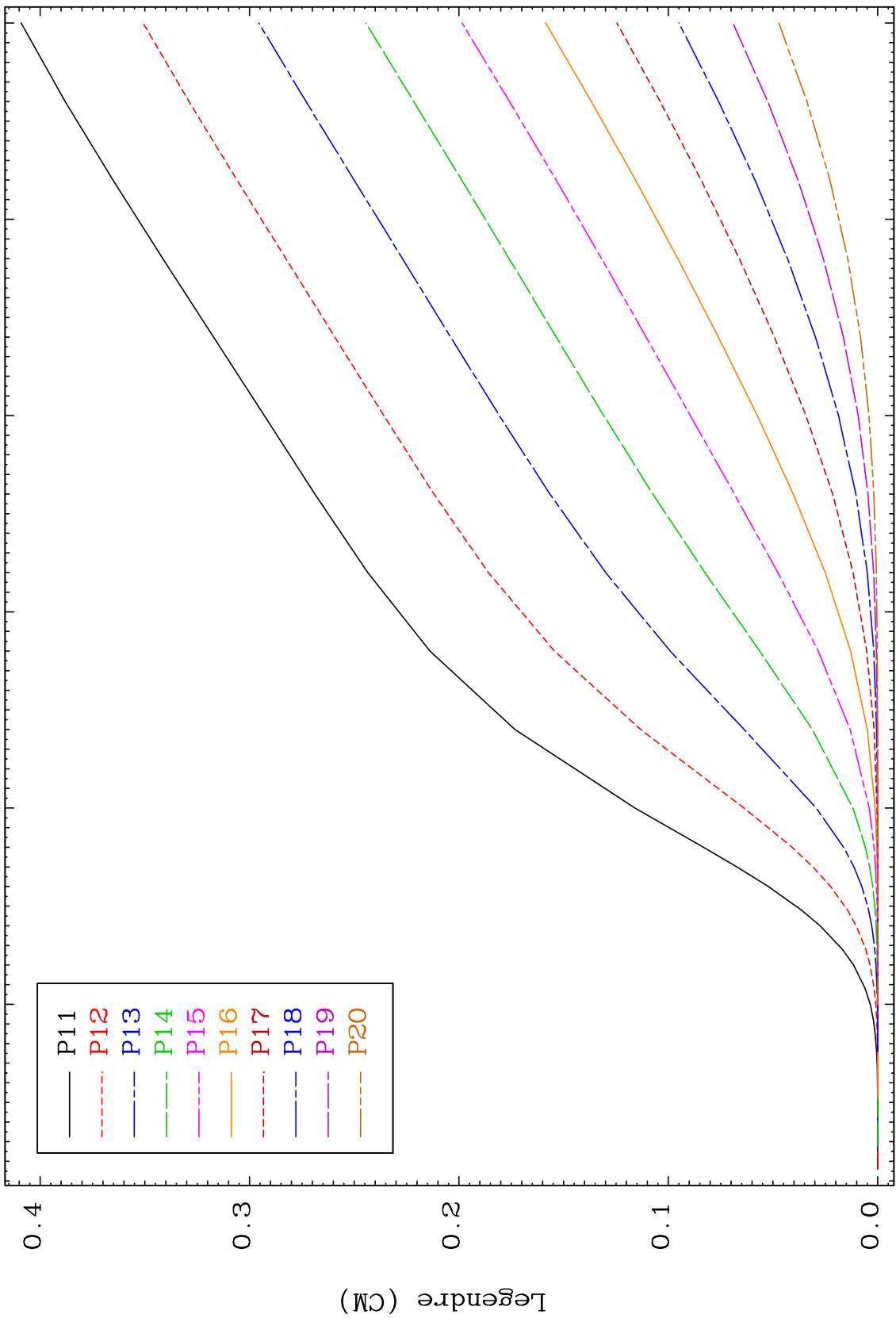
Incident Energy (MeV)

18

MAT 9646

Elastic Legendre Coefficients

96-Cm-247



19

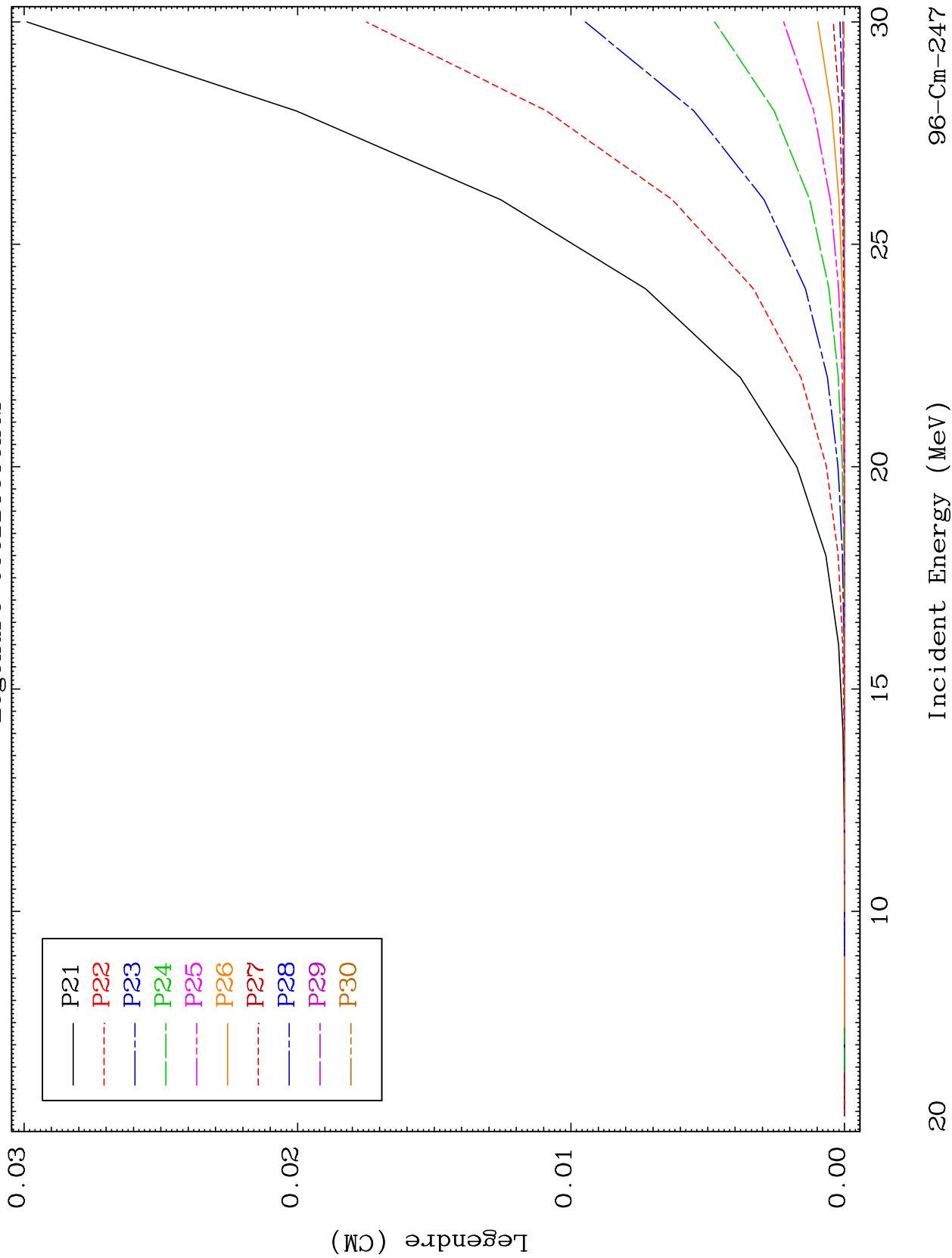
Incident Energy (MeV)

96-Cm-247

MAT 9646

Elastic Legendre Coefficients

96-Cm-247



20

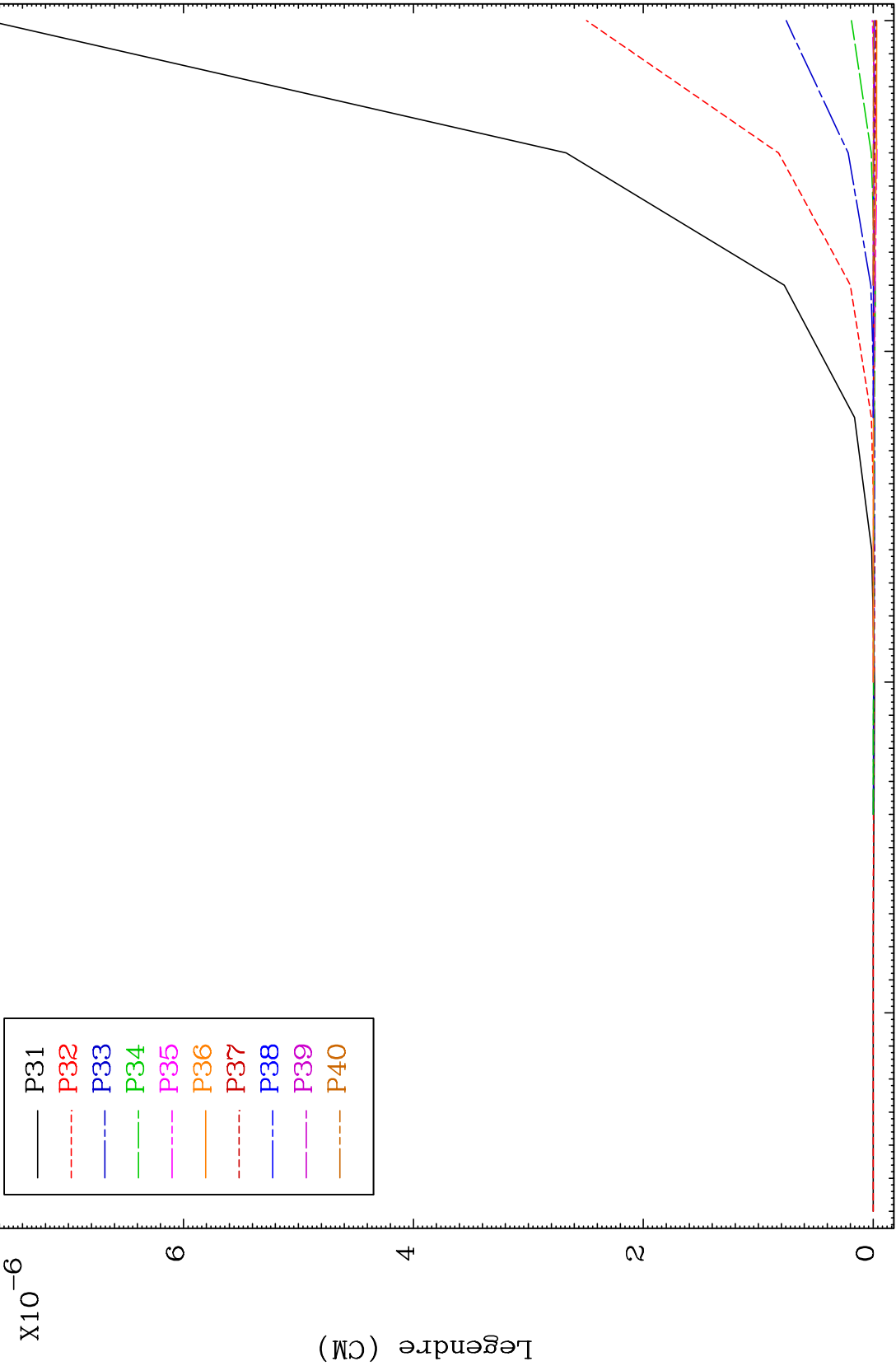
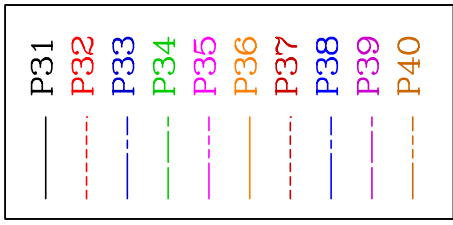
Incident Energy (MeV)

96-Cm-247

MAT 9646

Elastic Legendre Coefficients

96-Cm-247



21

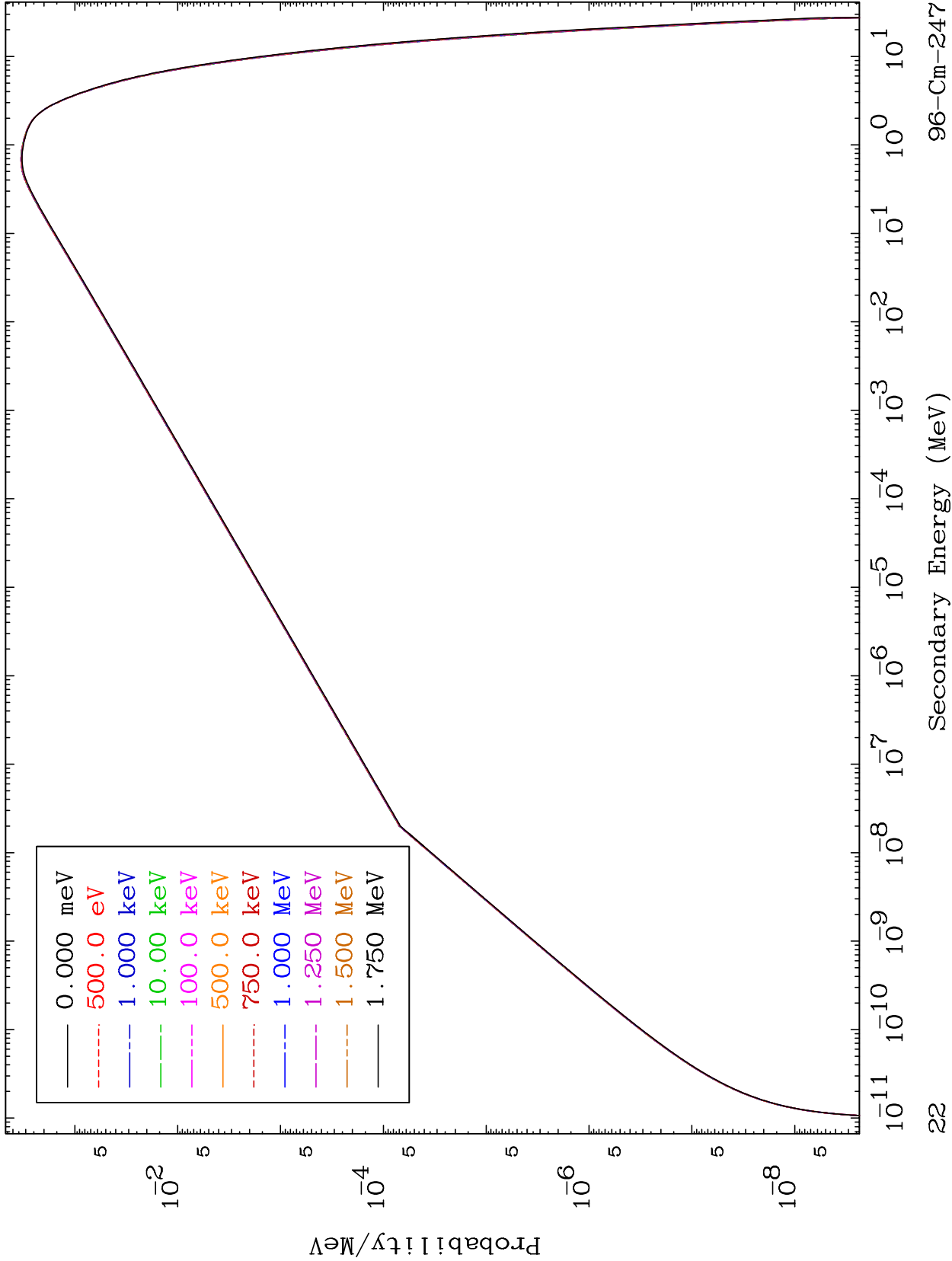
Incident Energy (MeV)

96-Cm-247

MAT 9646

### Fission Energy Distributions

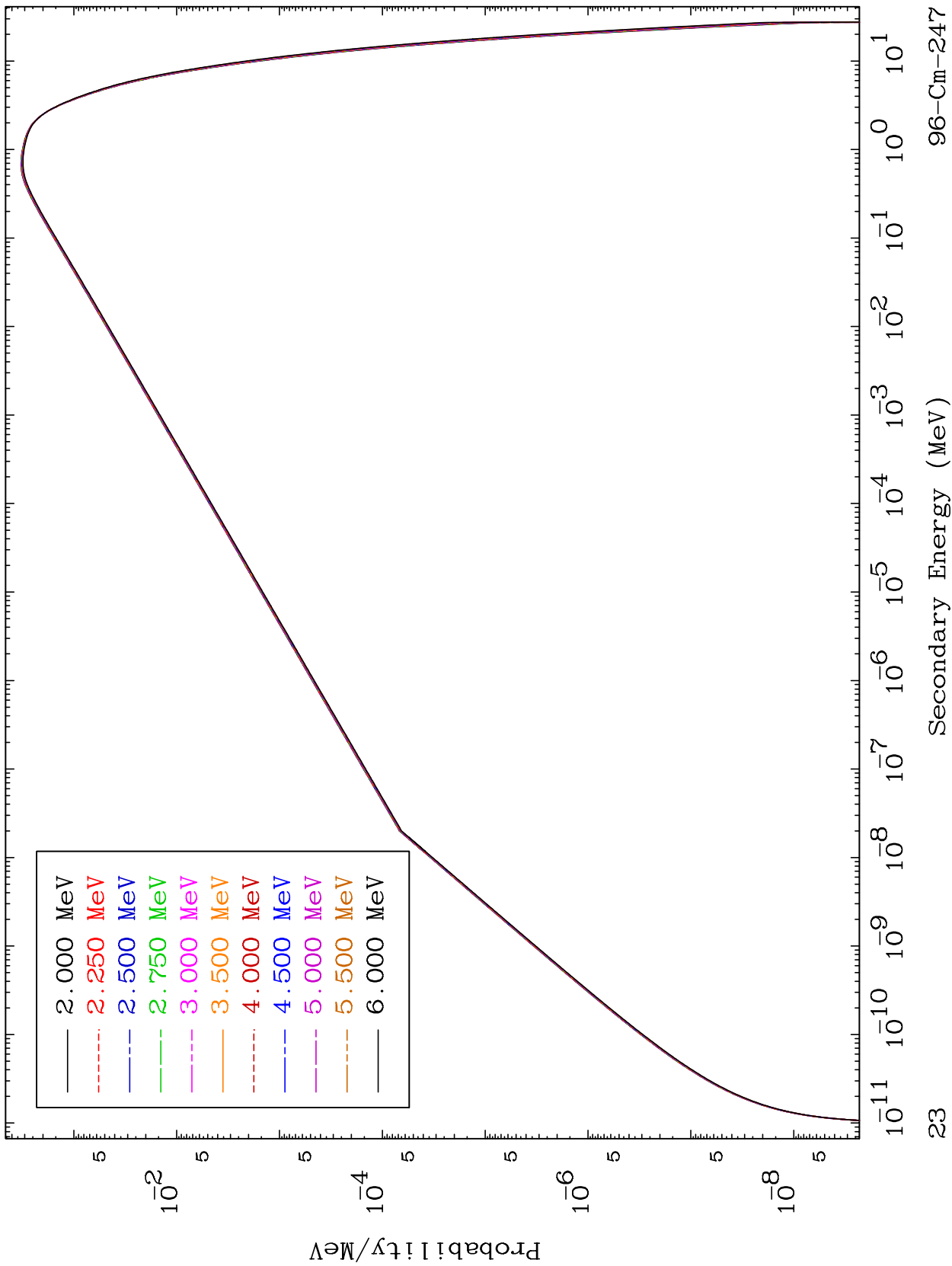
96-Cm-247



MAT 9646

### Fission Energy Distributions

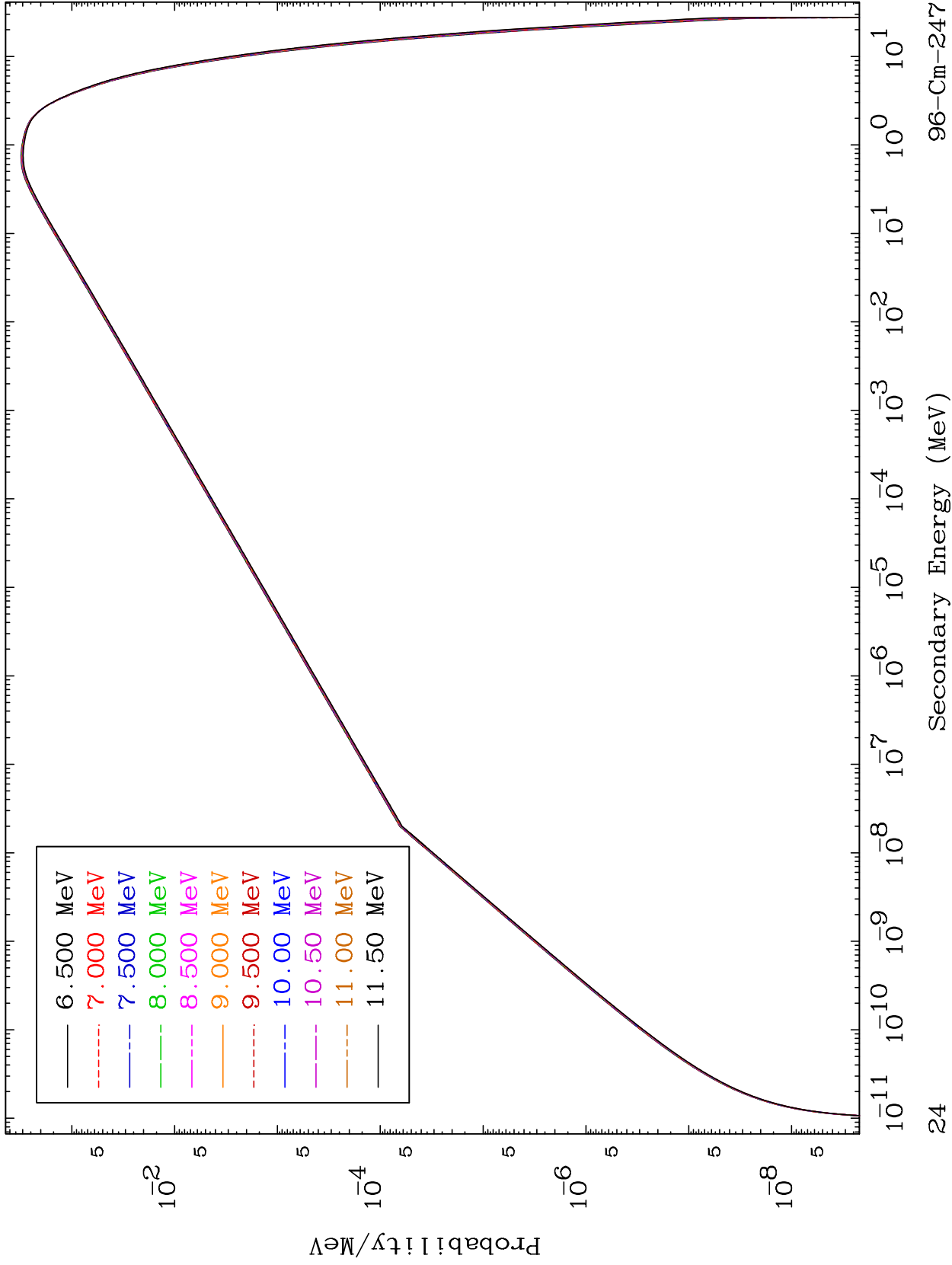
96-Cm-247



MAT 9646

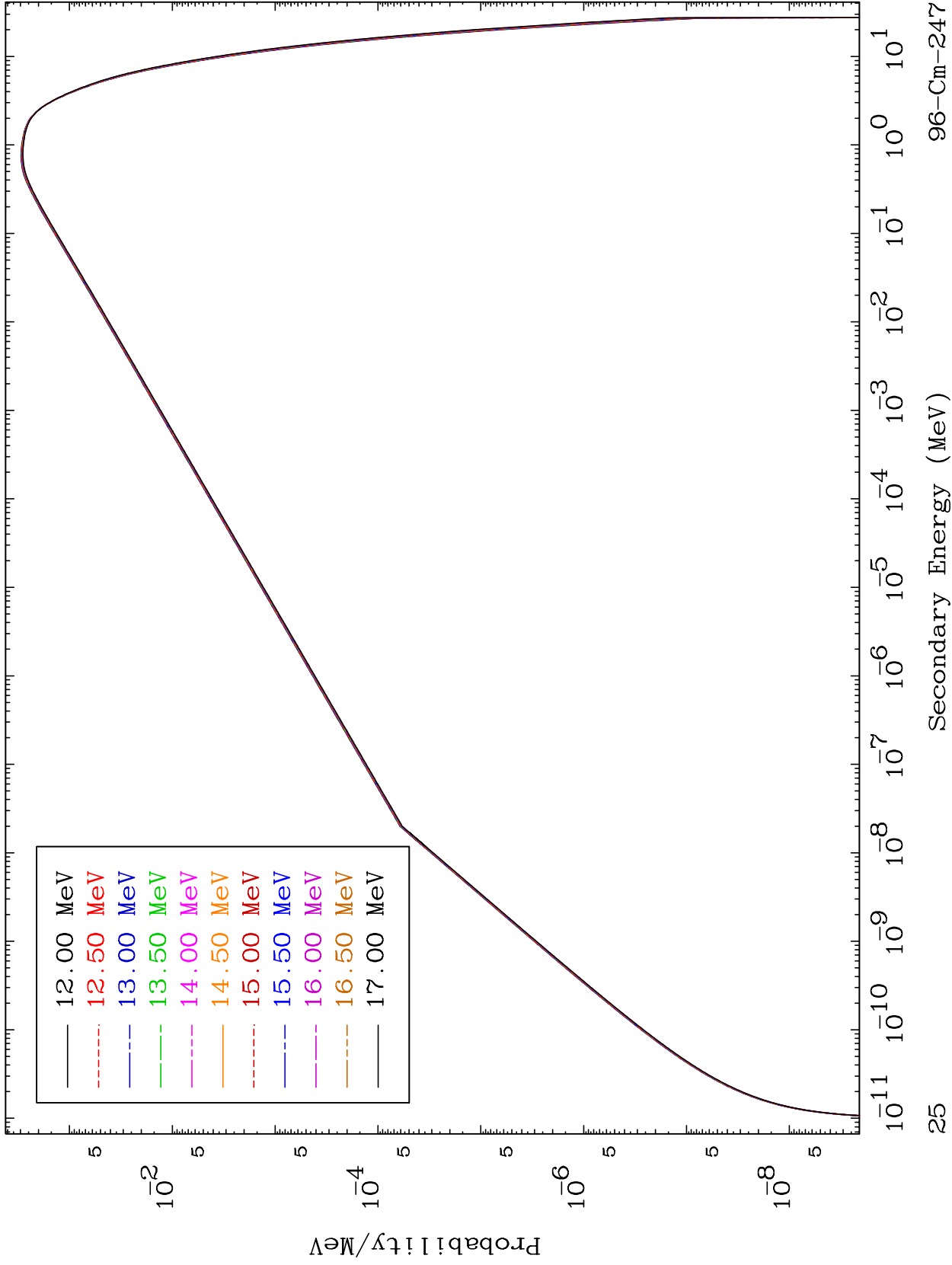
# Fission Energy Distributions

96-Cm-247



24

Fission Energy Distributions



MAT 9646

### Fission Energy Distributions

96-Cm-247

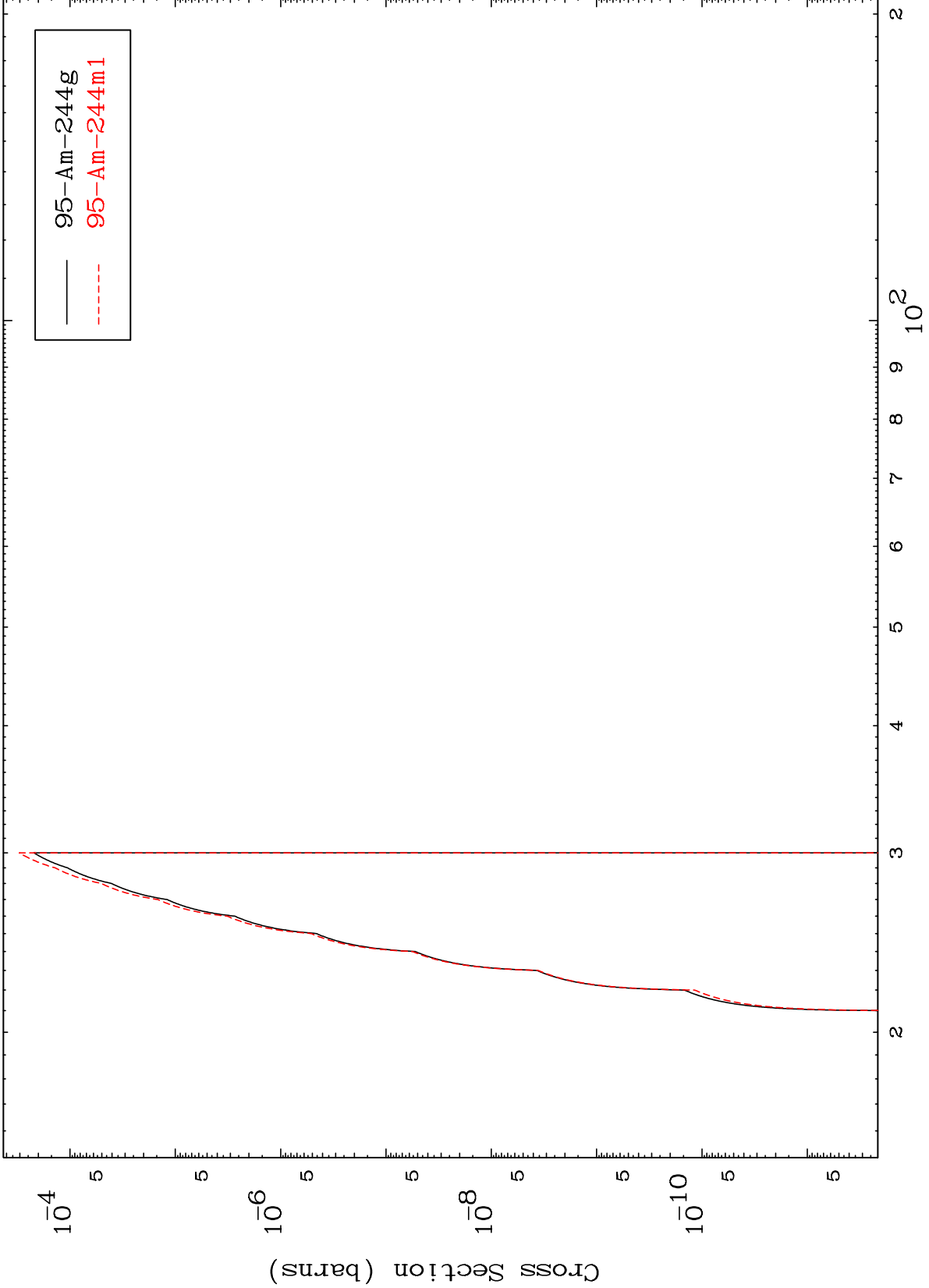


MAT 9646

(n,2n) d

96-Cm-247

Radionuclide Production Cross Section



27

Incident Energy (MeV)

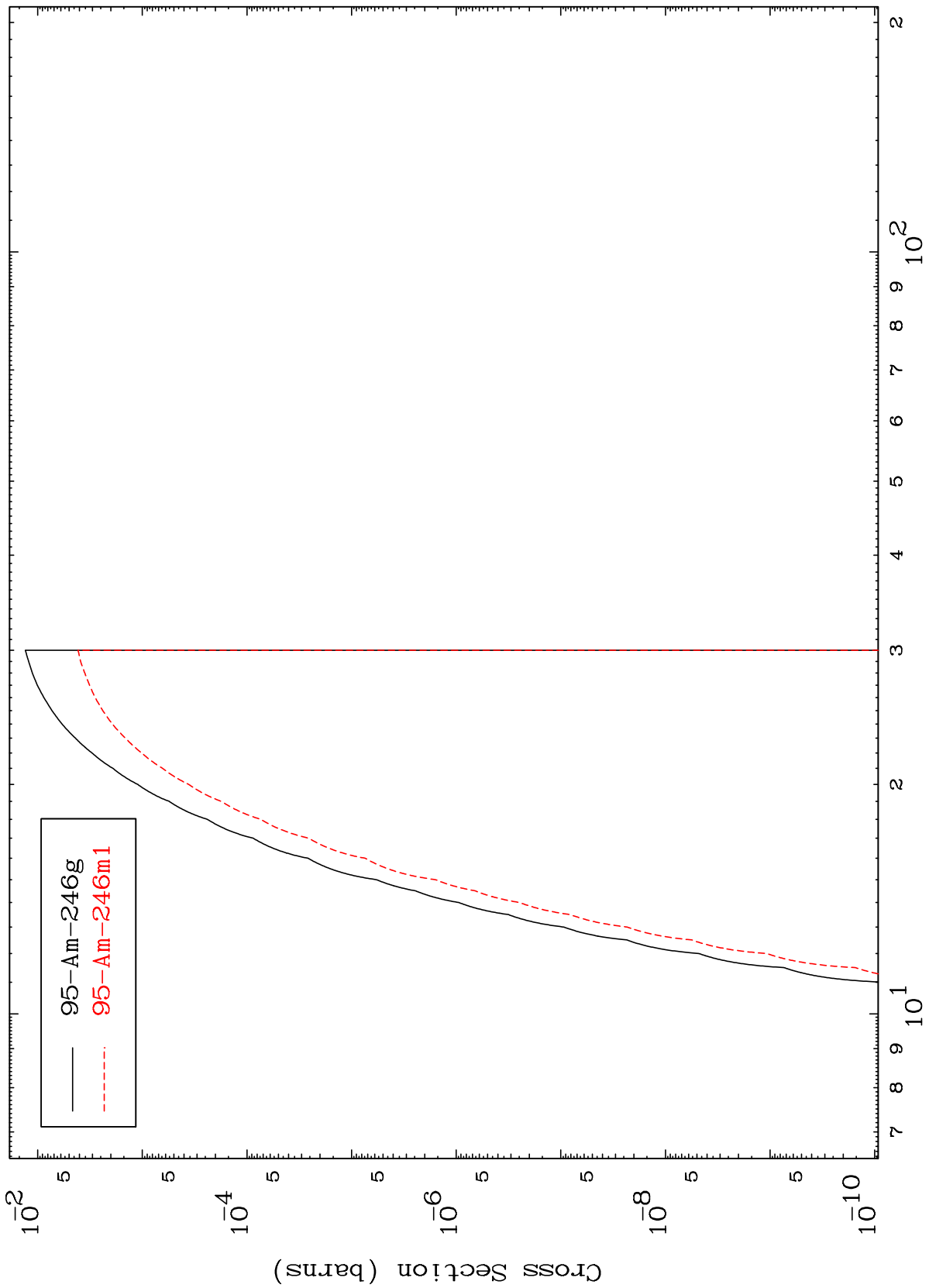
96-Cm-247

MAT 9646

(n,n') p

96-Cm-247

Radionuclide Production Cross Section



95-Am-246g  
95-Am-246m1

28

Incident Energy (MeV)

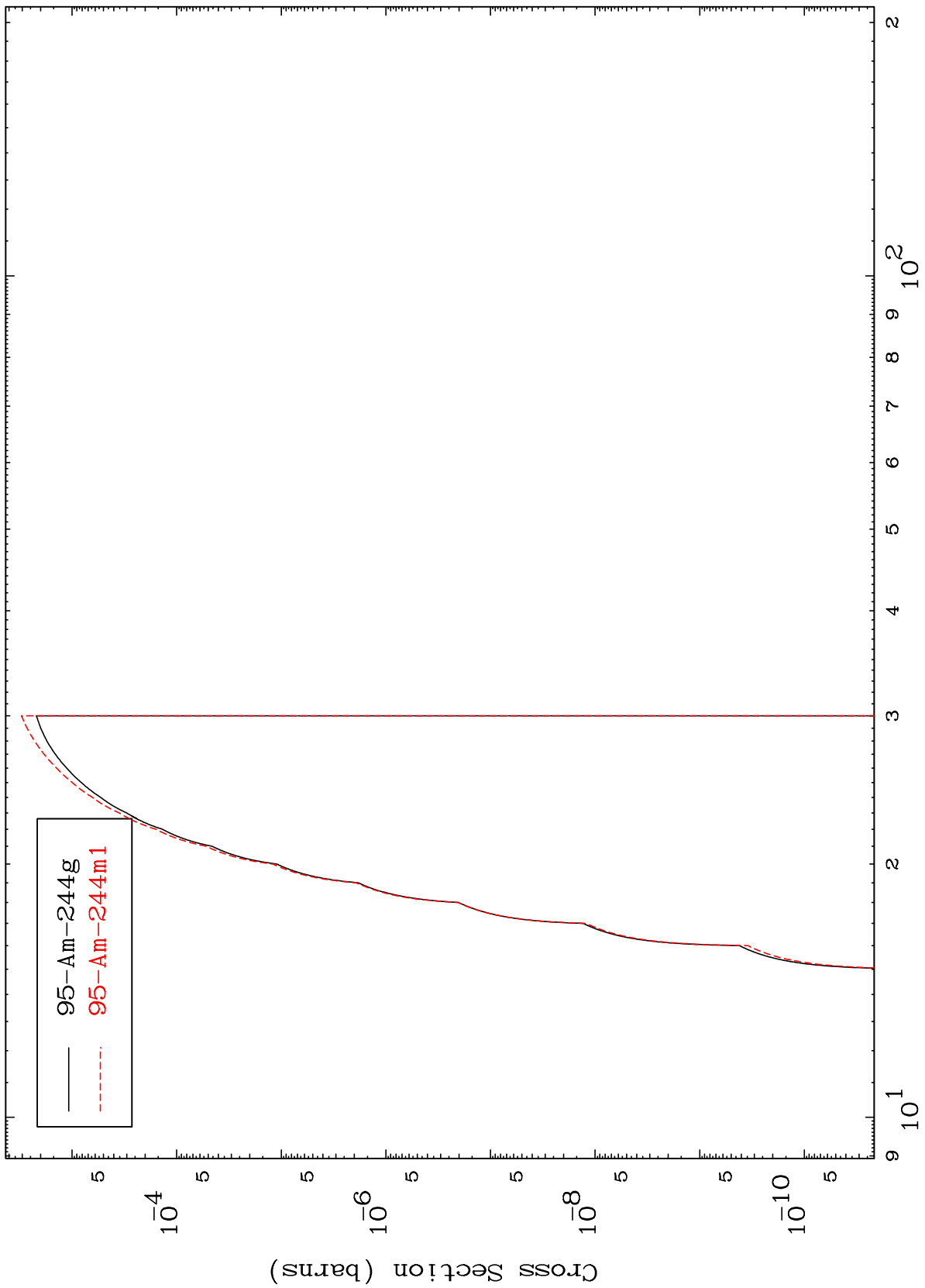
96-Cm-247

MAT 9646

(n,n') t

96-Cm-247

Radionuclide Production Cross Section



29

Incident Energy (MeV)

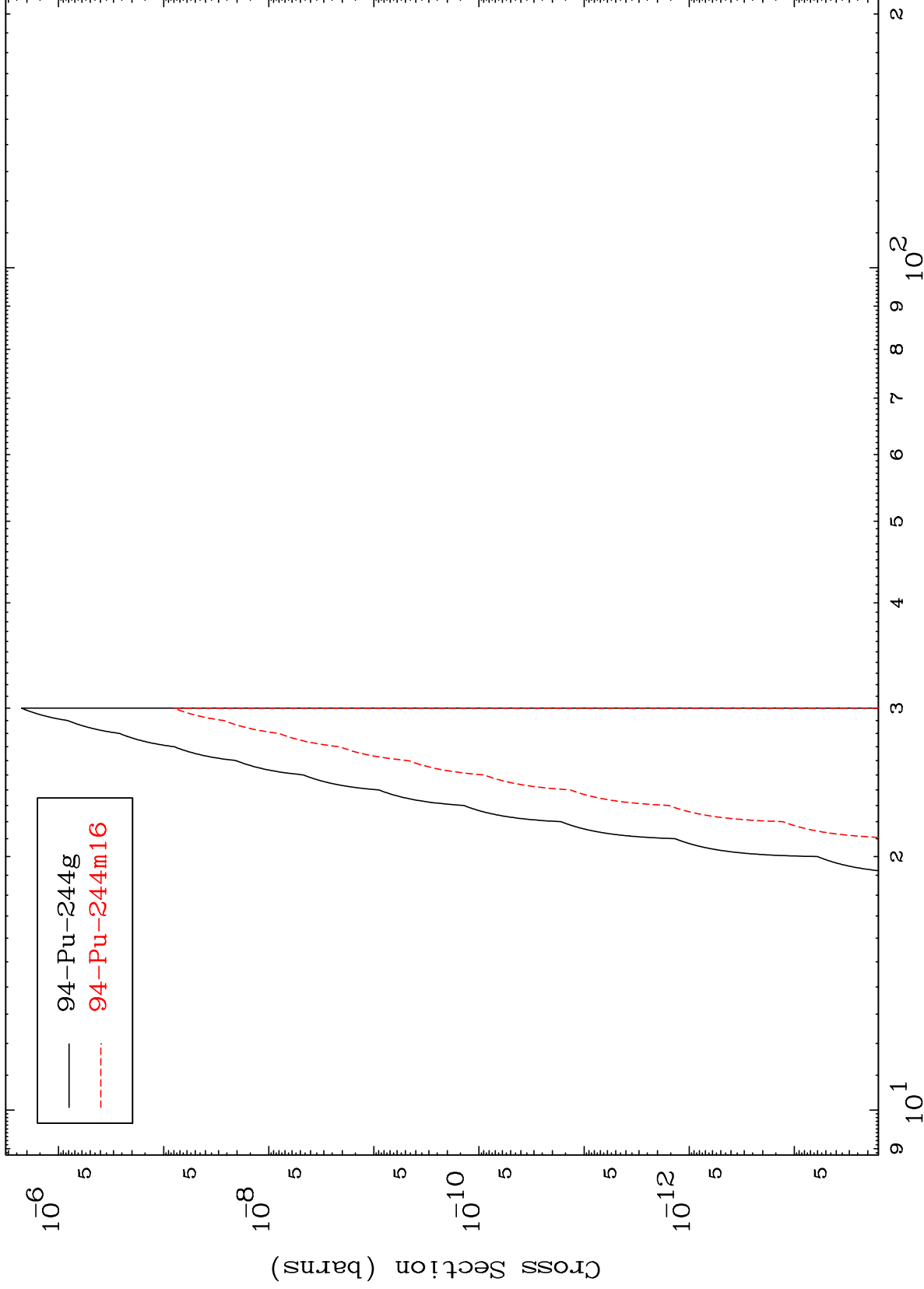
96-Cm-247

MAT 9646

(n,n') He-3

96-Cm-247

Radionuclide Production Cross Section

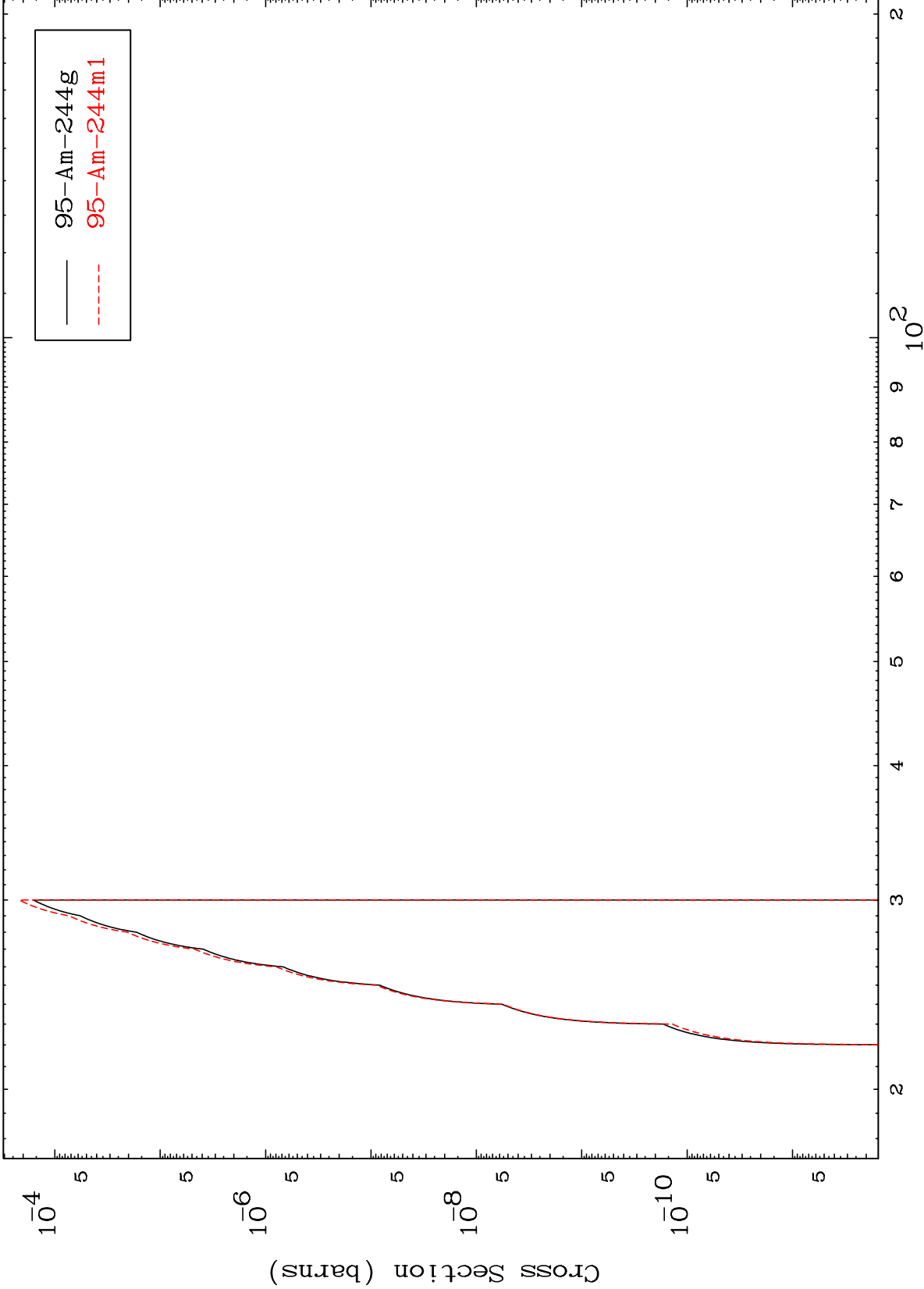


Incident Energy (MeV)

96-Cm-247

30

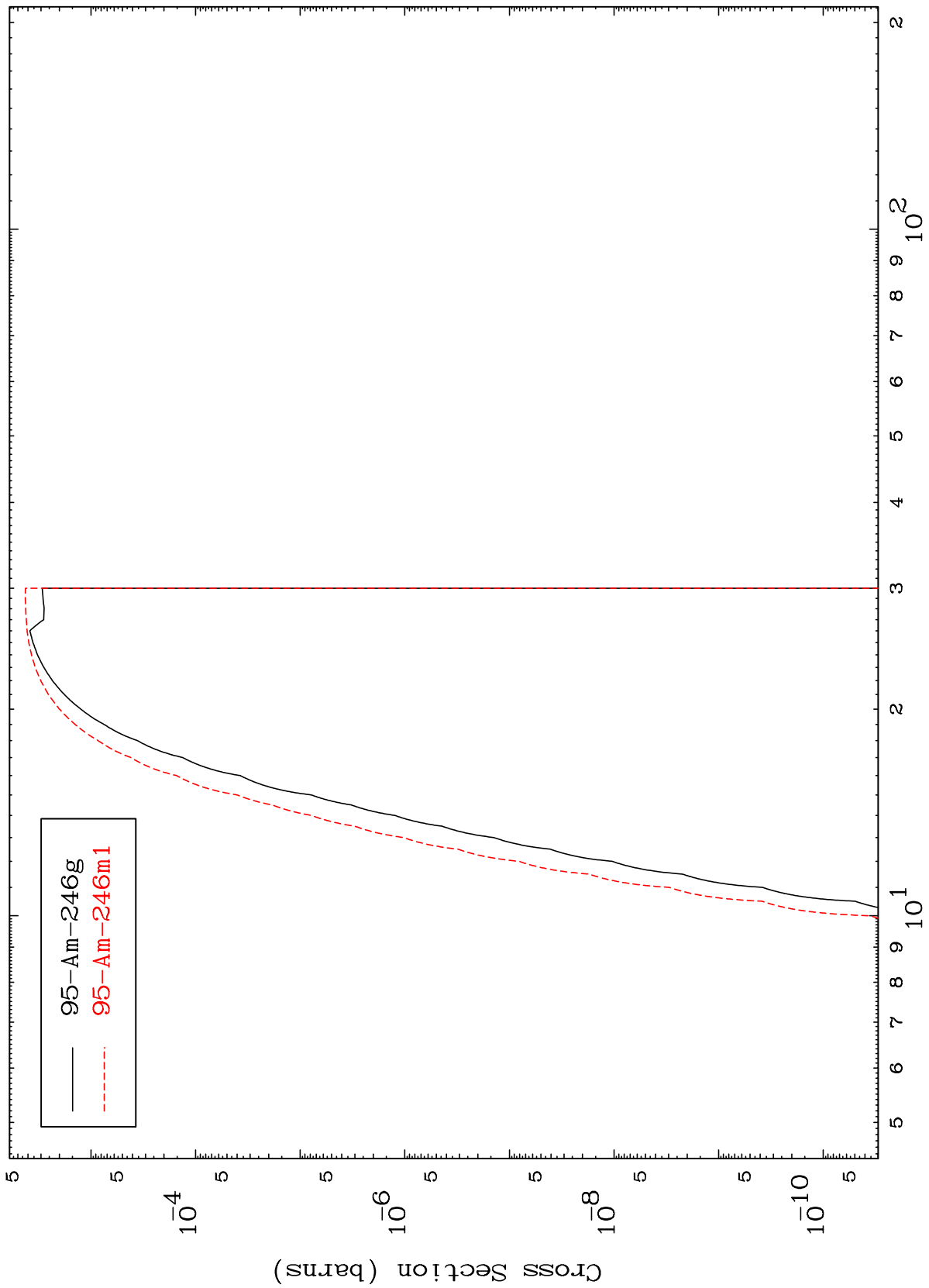
Radionuclide Production Cross Section



MAT 9646

96-Cm-247

(n,d)  
Radionuclide Production Cross Section



Incident Energy (MeV)

96-Cm-247

32

MAT 9646

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

96-Cm-247

