

Program EVALPLOT  
(Version 2018-1)

by

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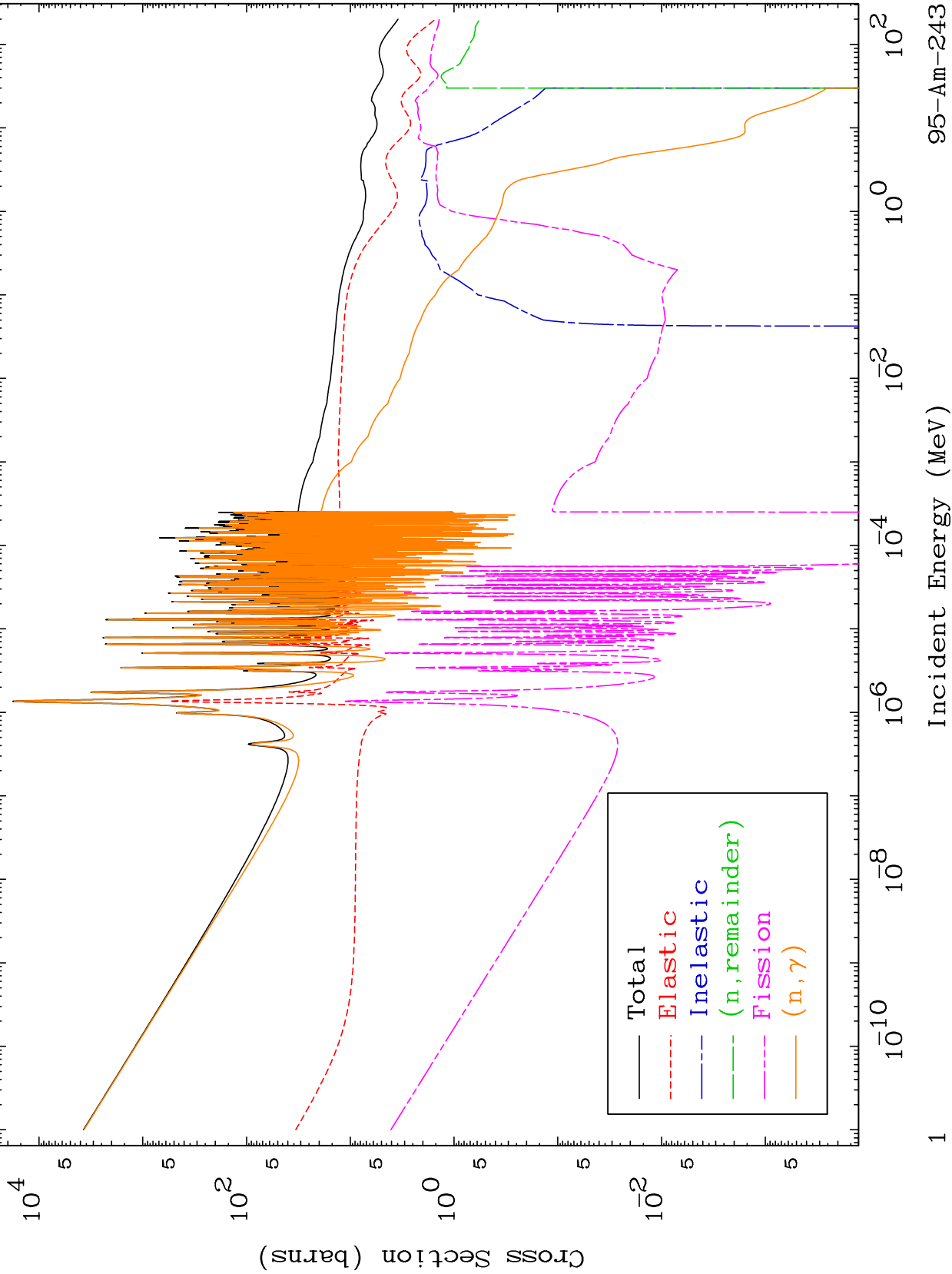
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9549

Major  
293 Kelvin Cross Sections

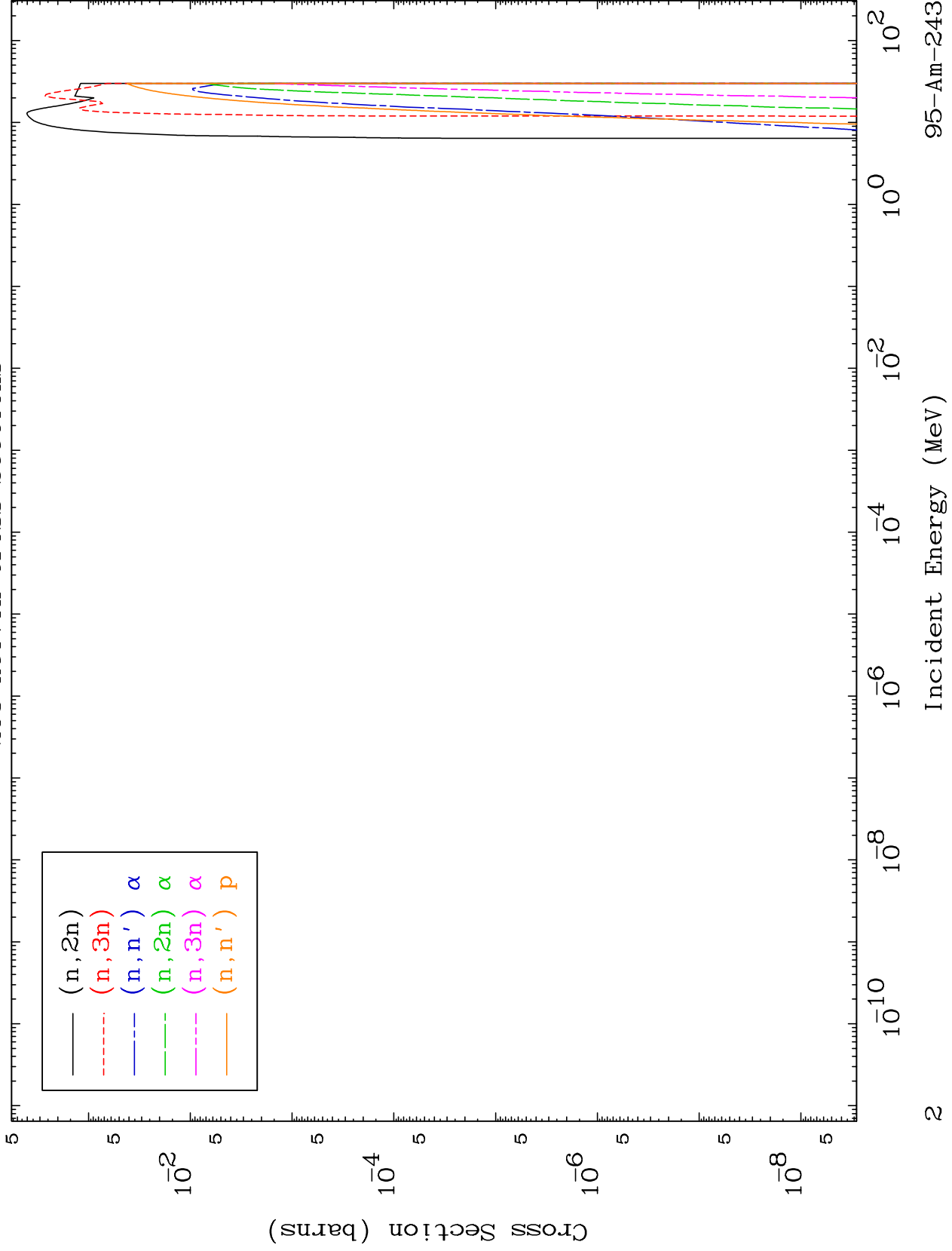
95-Am-243

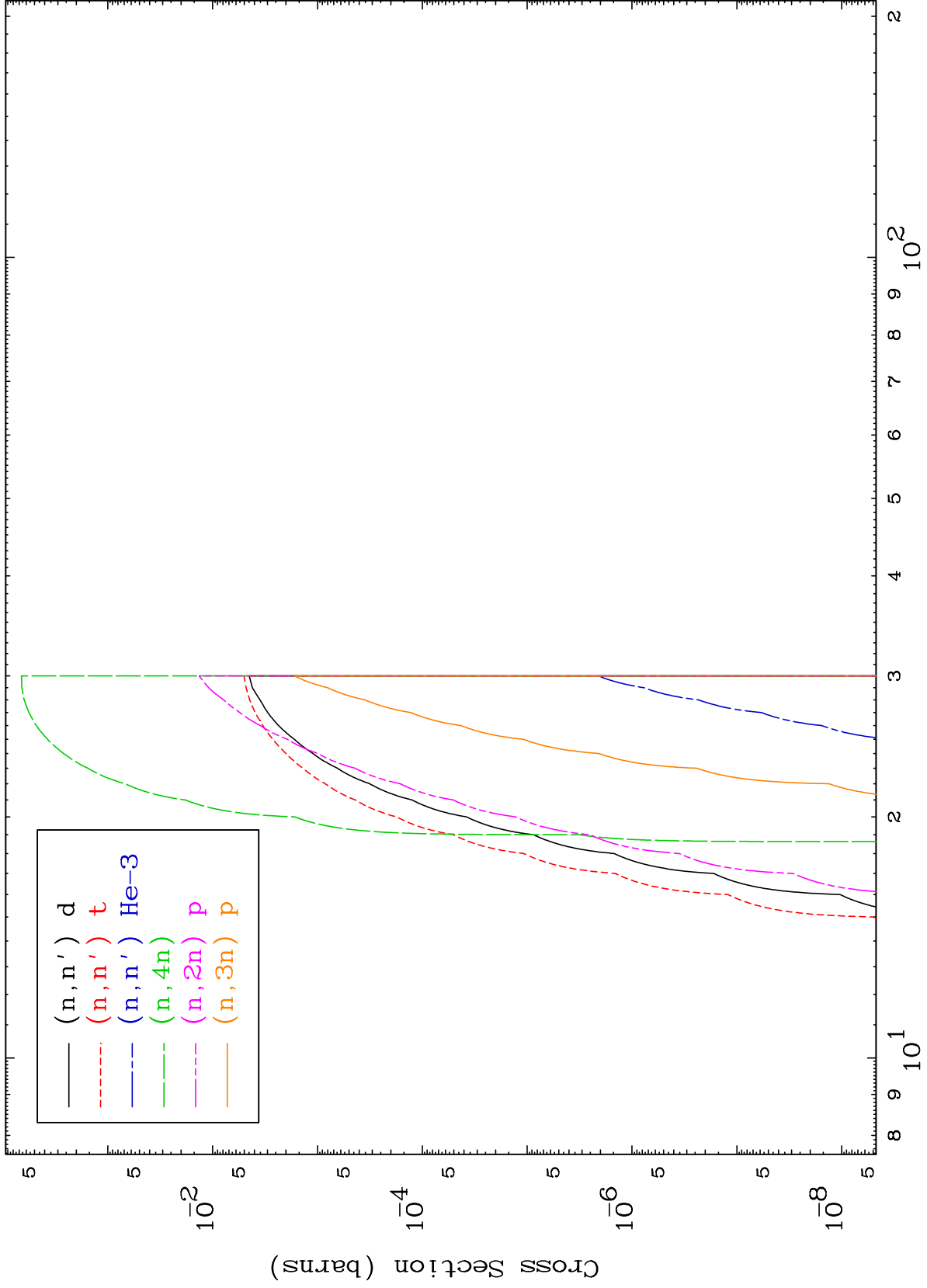


MAT 9549

Neutron Production  
293 Kelvin Cross Sections

95-Am-243

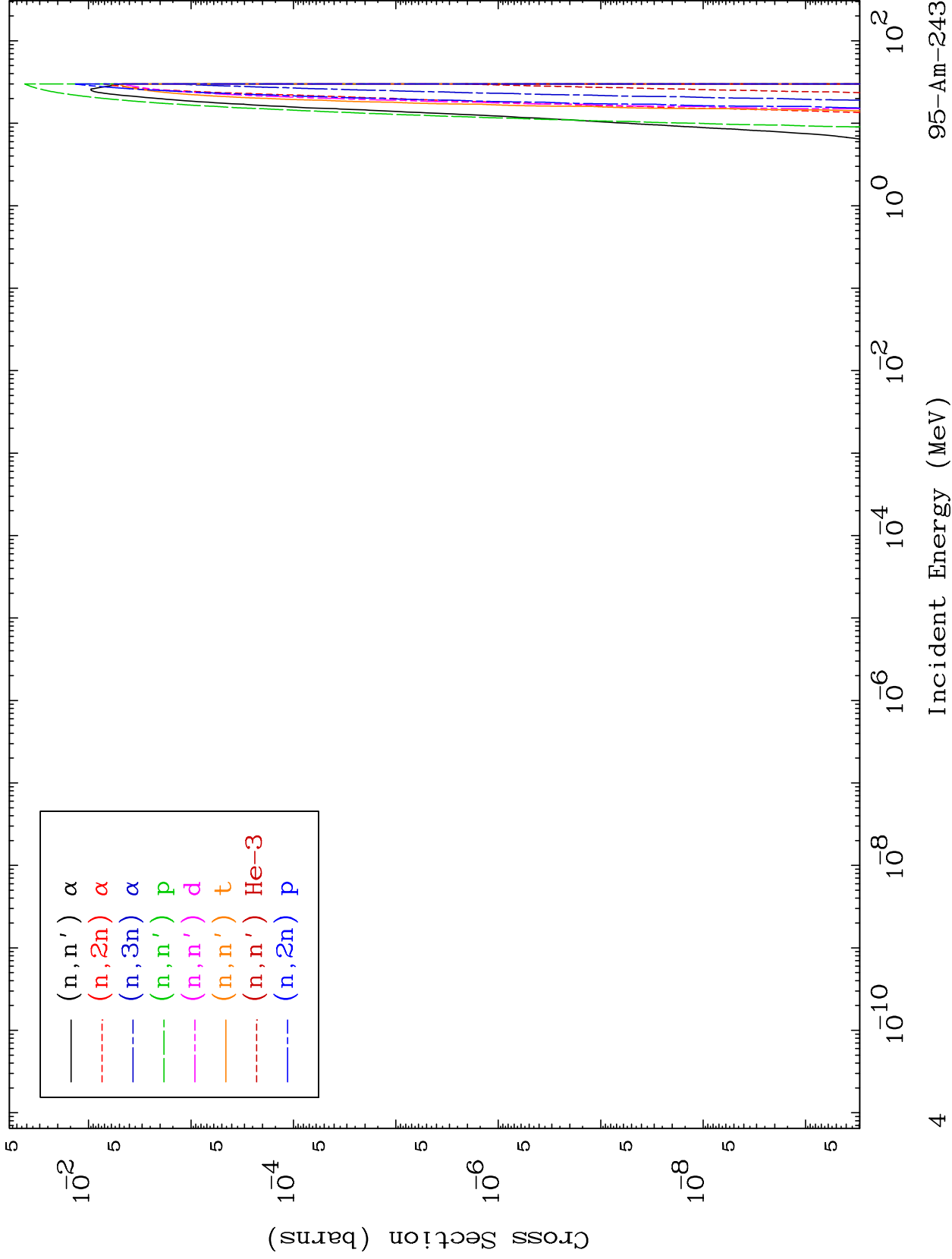




MAT 9549

Charged Particle  
293 Kelvin Cross Sections

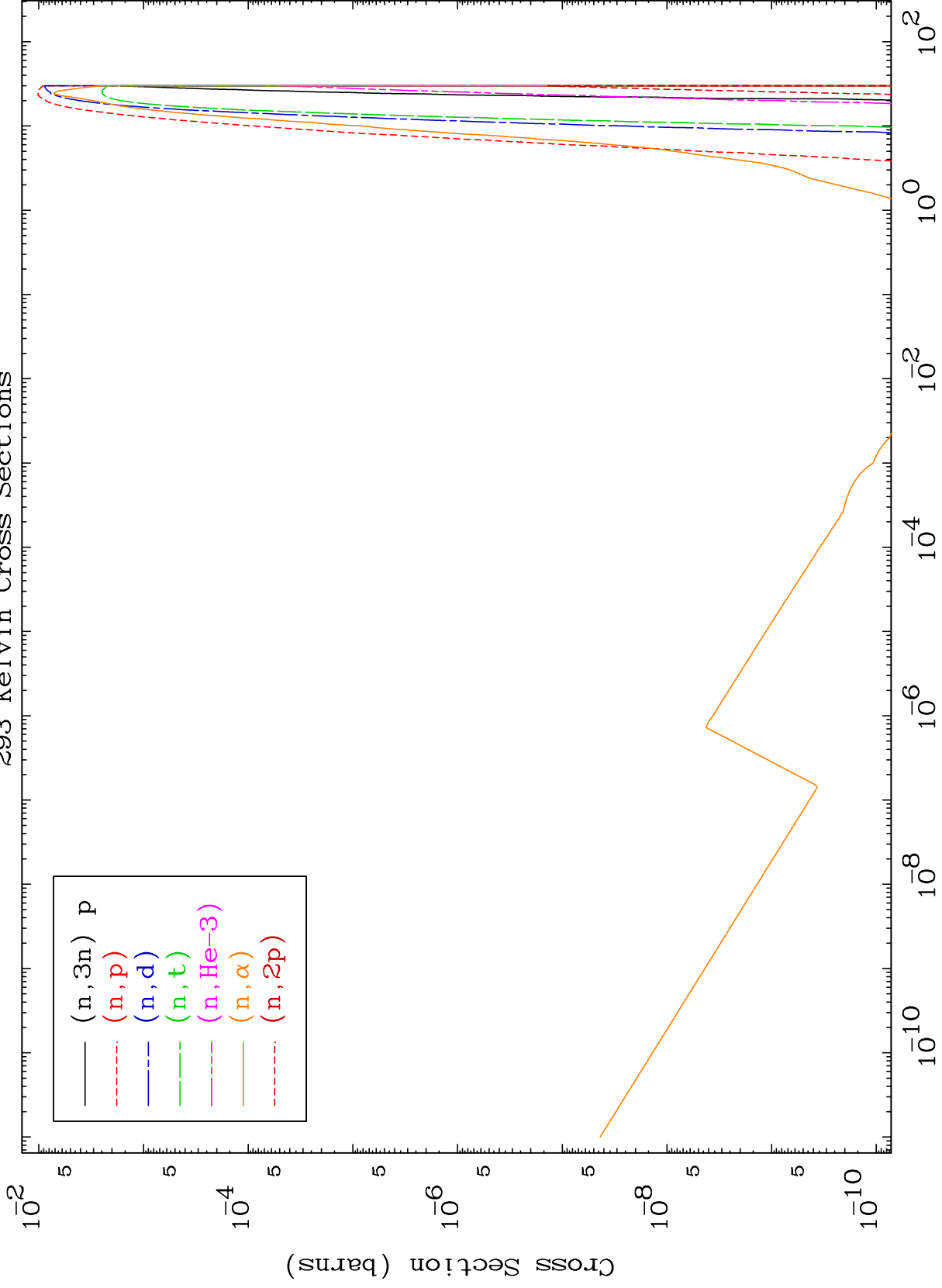
95-Am-243



MAT 9549

Charged Particle  
293 Kelvin Cross Sections

95-Am-243



5

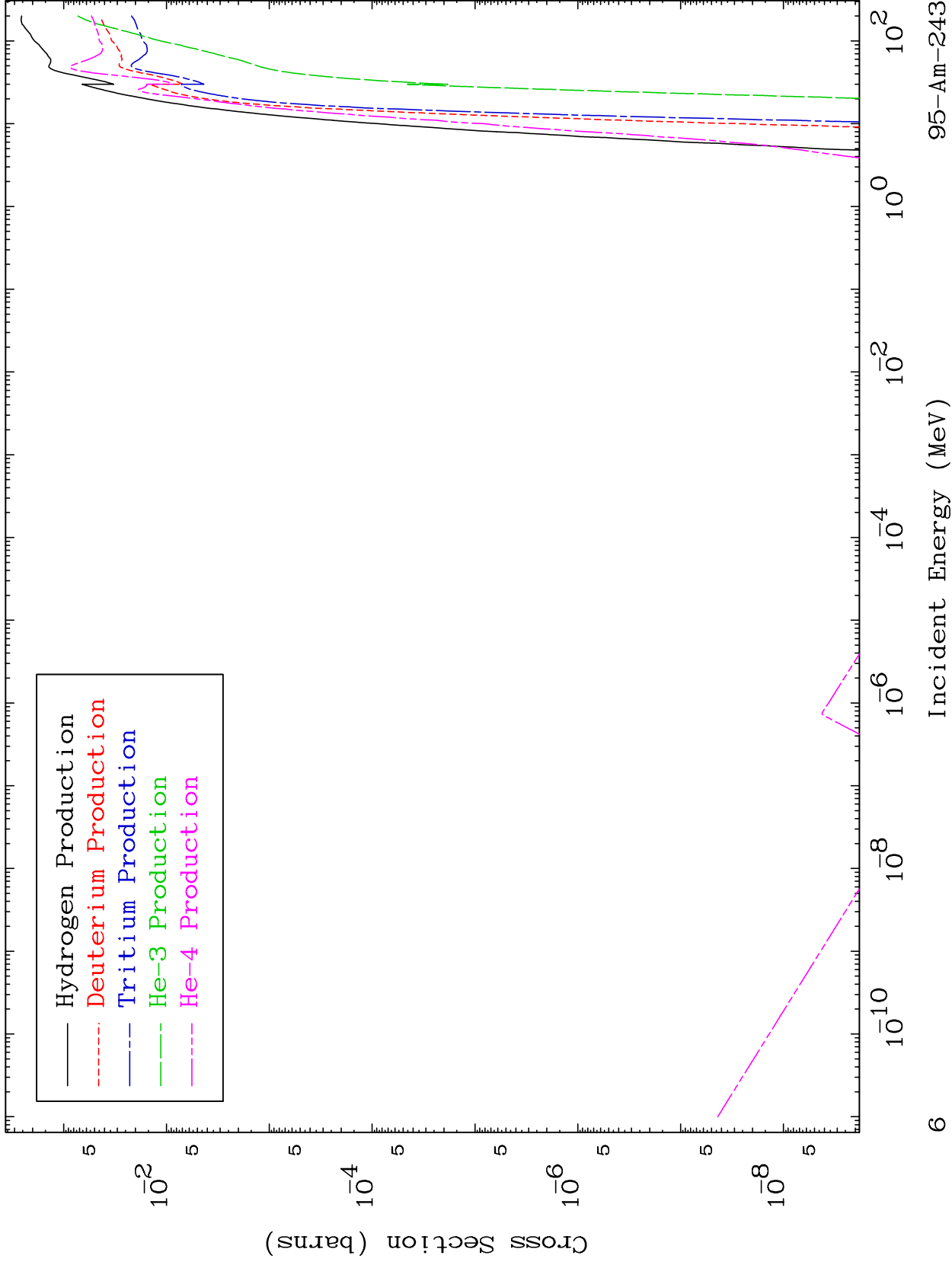
Incident Energy (MeV)

95-Am-243

MAT 9549

Particle Production  
293 Kelvin Cross Sections

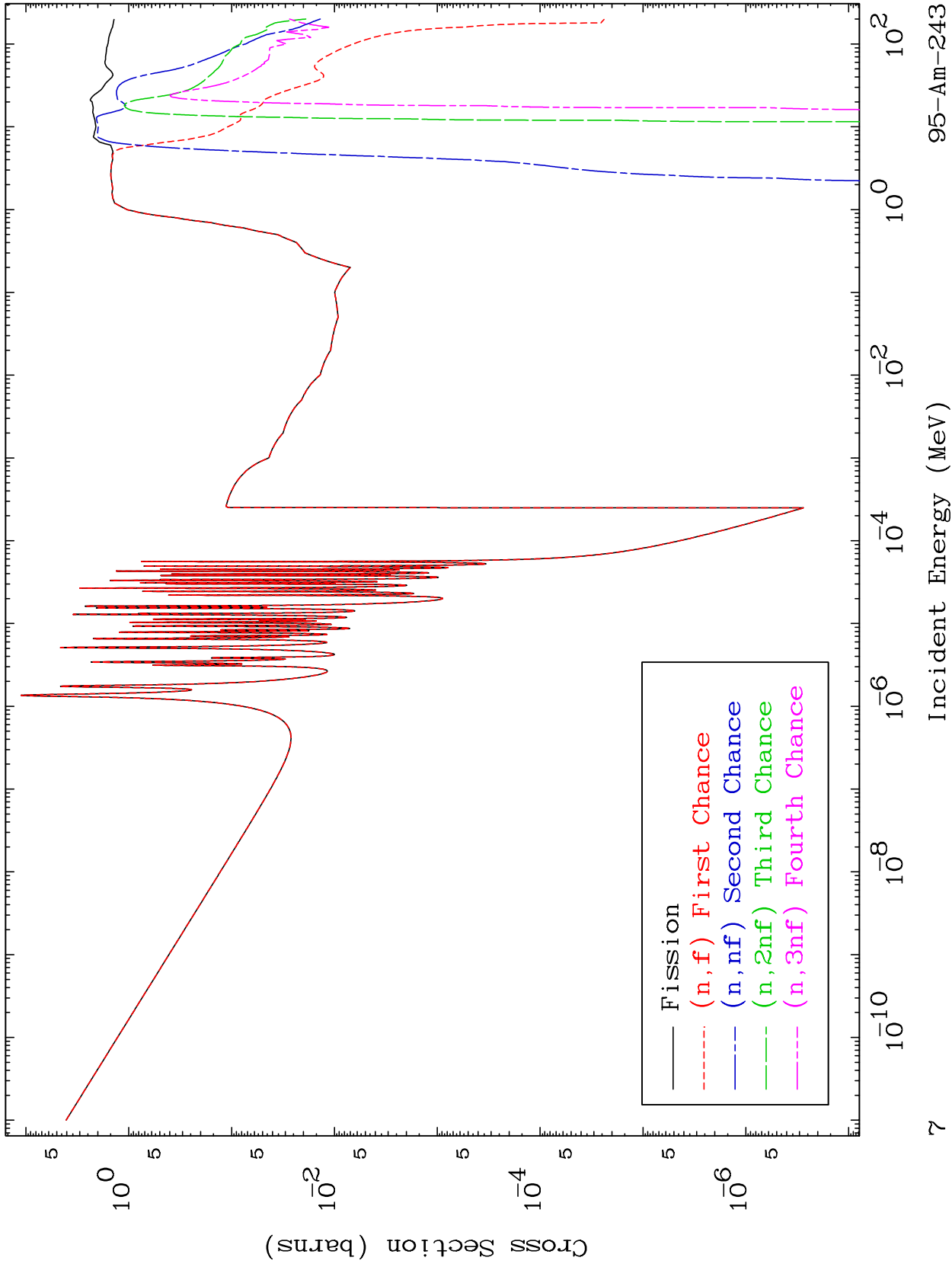
95-Am-243



MAT 9549

Fission  
293 Kelvin Cross Sections

95-Am-243



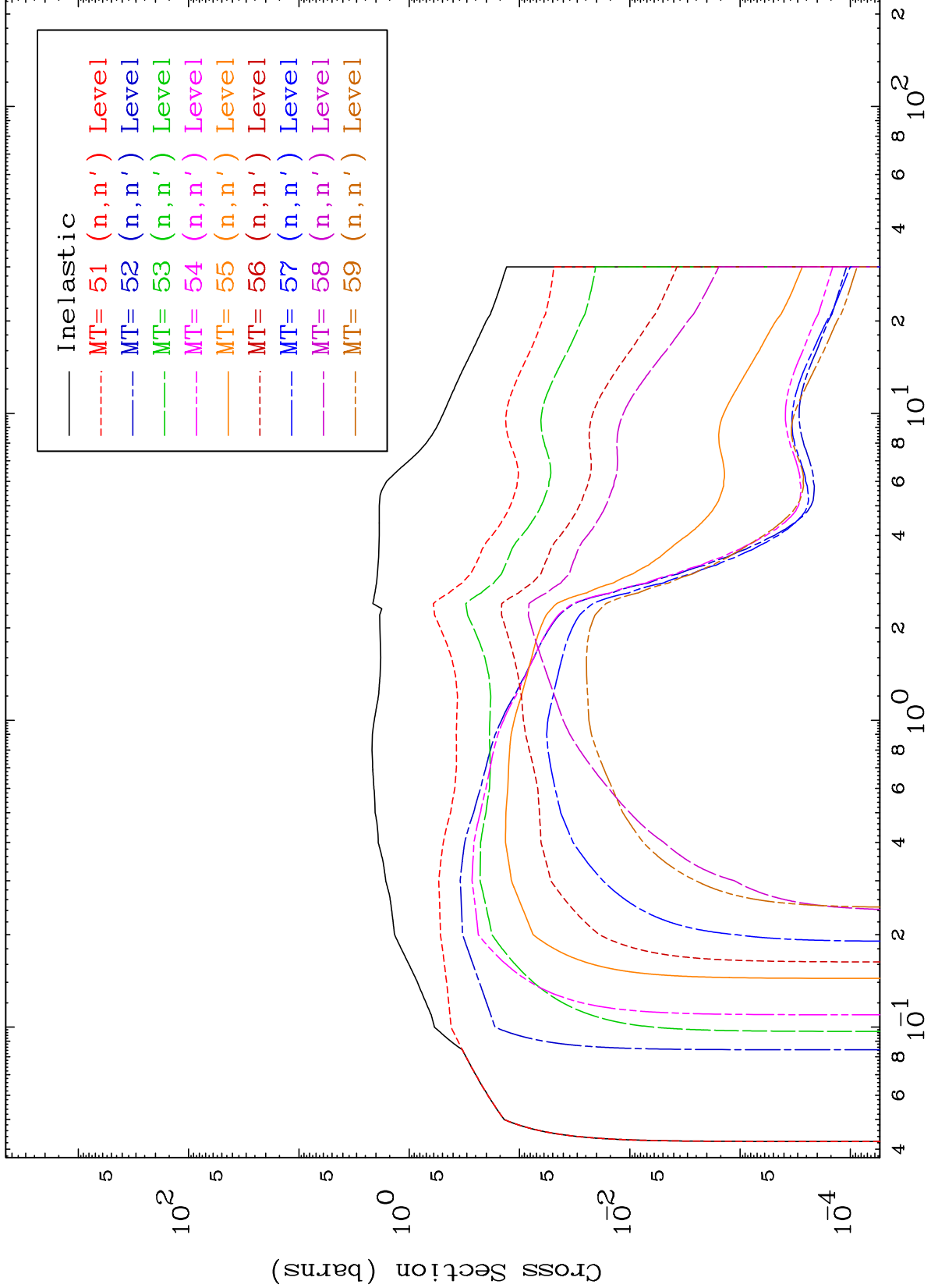


MAT 9549

(n,n') Level

95-Am-243

293 Kelvin Cross Sections



8

Incident Energy (MeV)

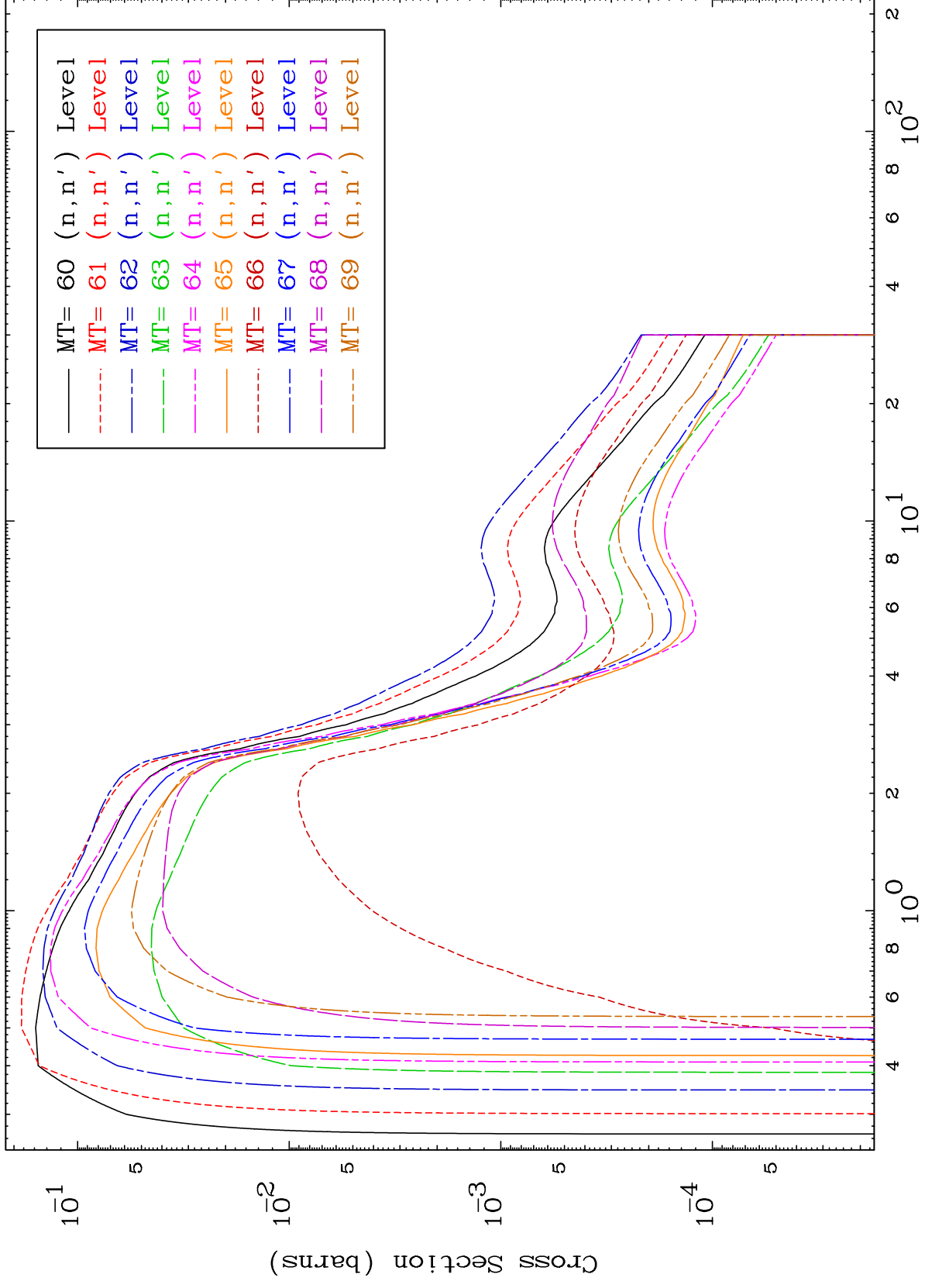
95-Am-243

MAT 9549

(n,n') Level

95-Am-243

293 Kelvin Cross Sections



9

Incident Energy (MeV)

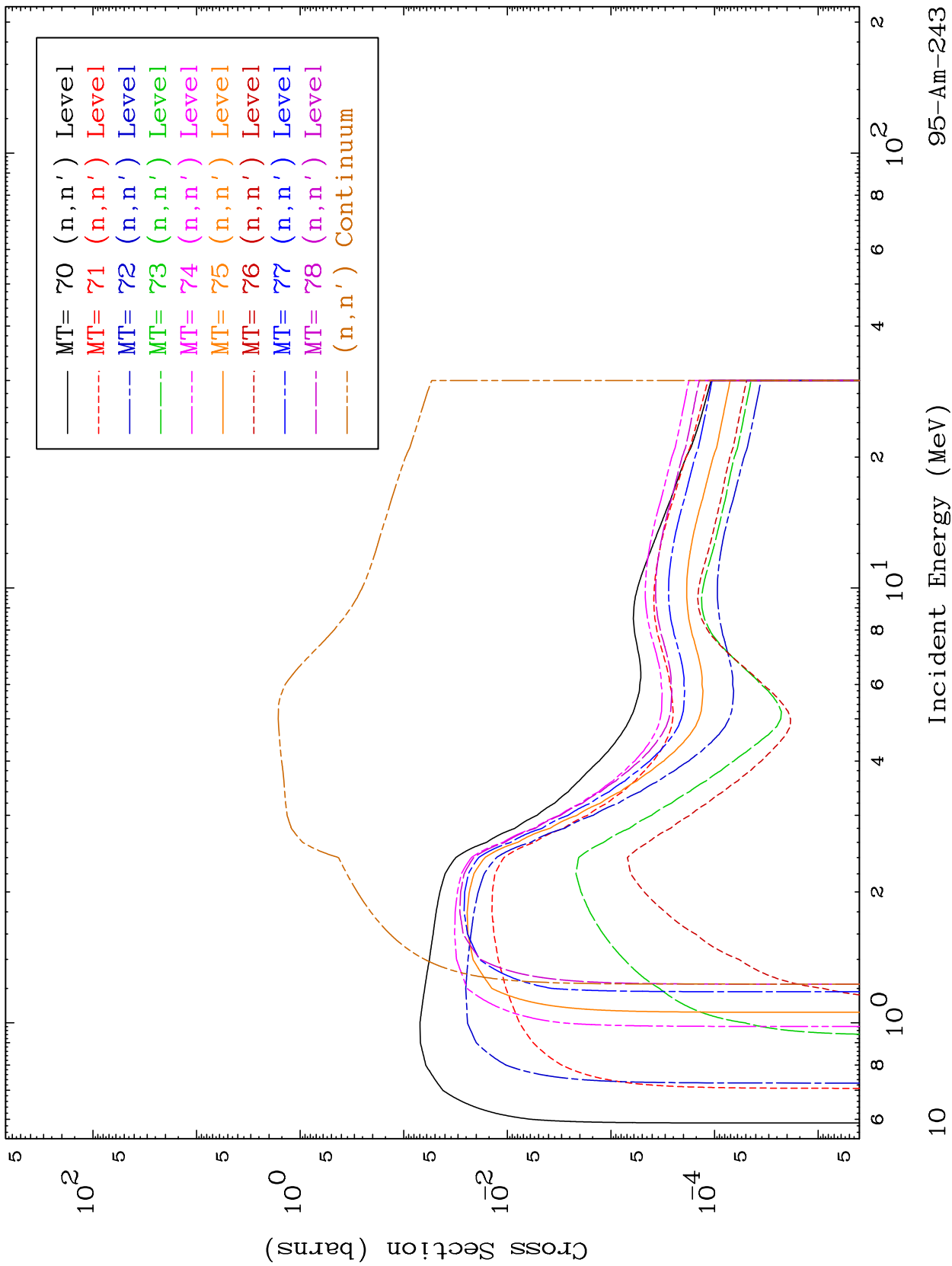
95-Am-243

MAT 9549

(n,n') Level

95-Am-243

293 Kelvin Cross Sections



10

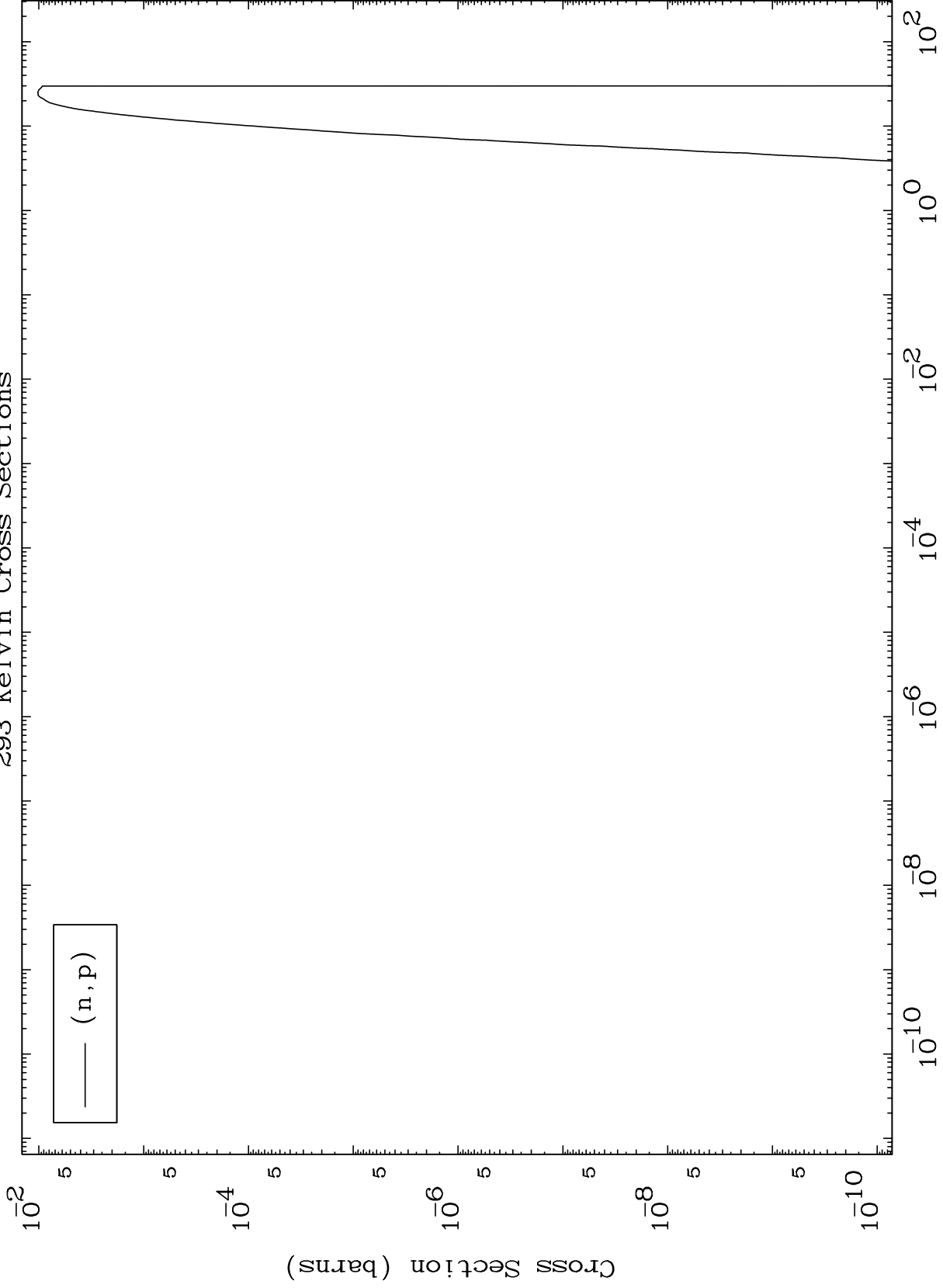
Incident Energy (MeV)

95-Am-243

MAT 9549

(n,p) Levels  
293 Kelvin Cross Sections

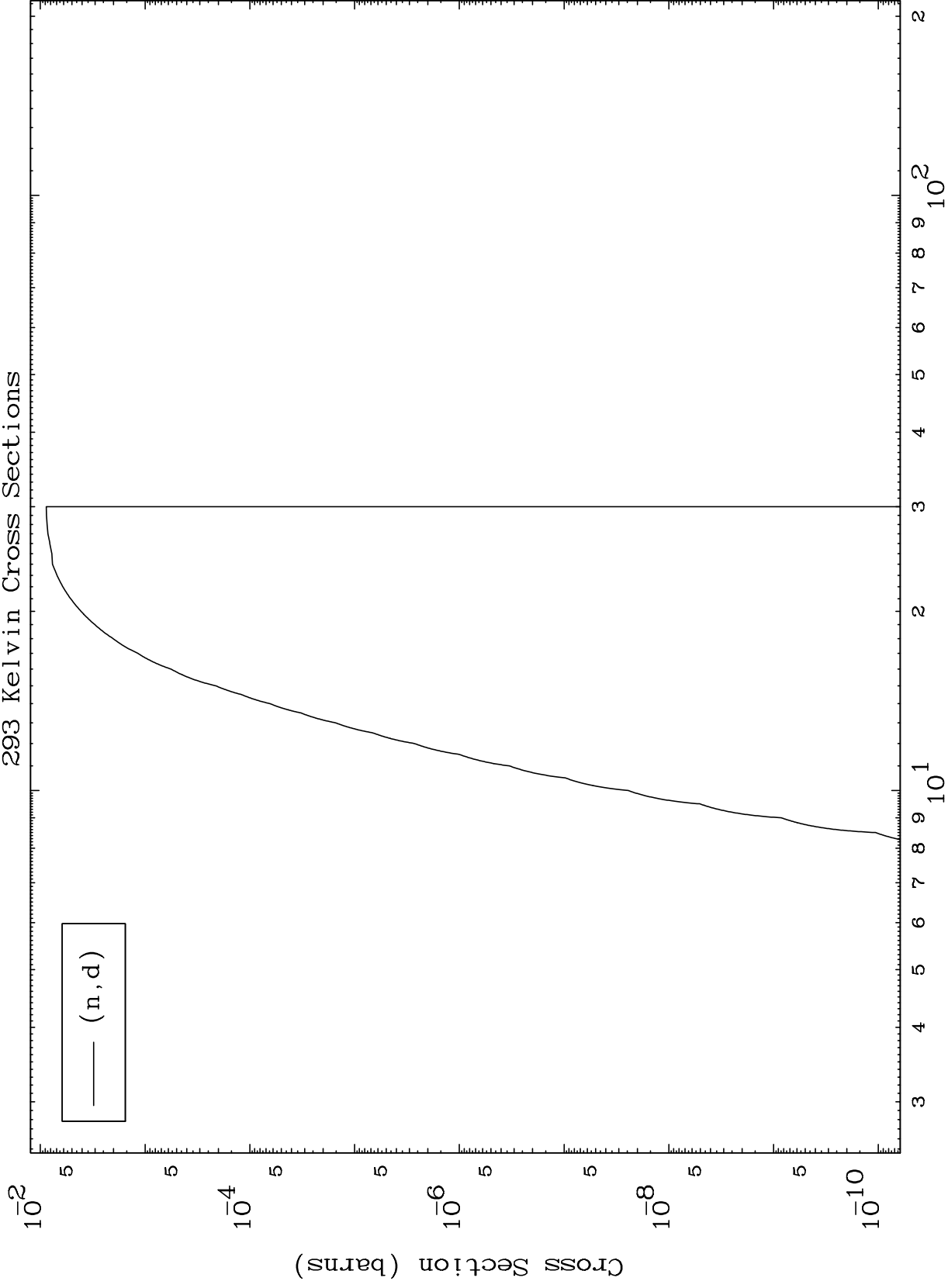
95-Am-243



MAT 9549

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-243



(n,d)

12

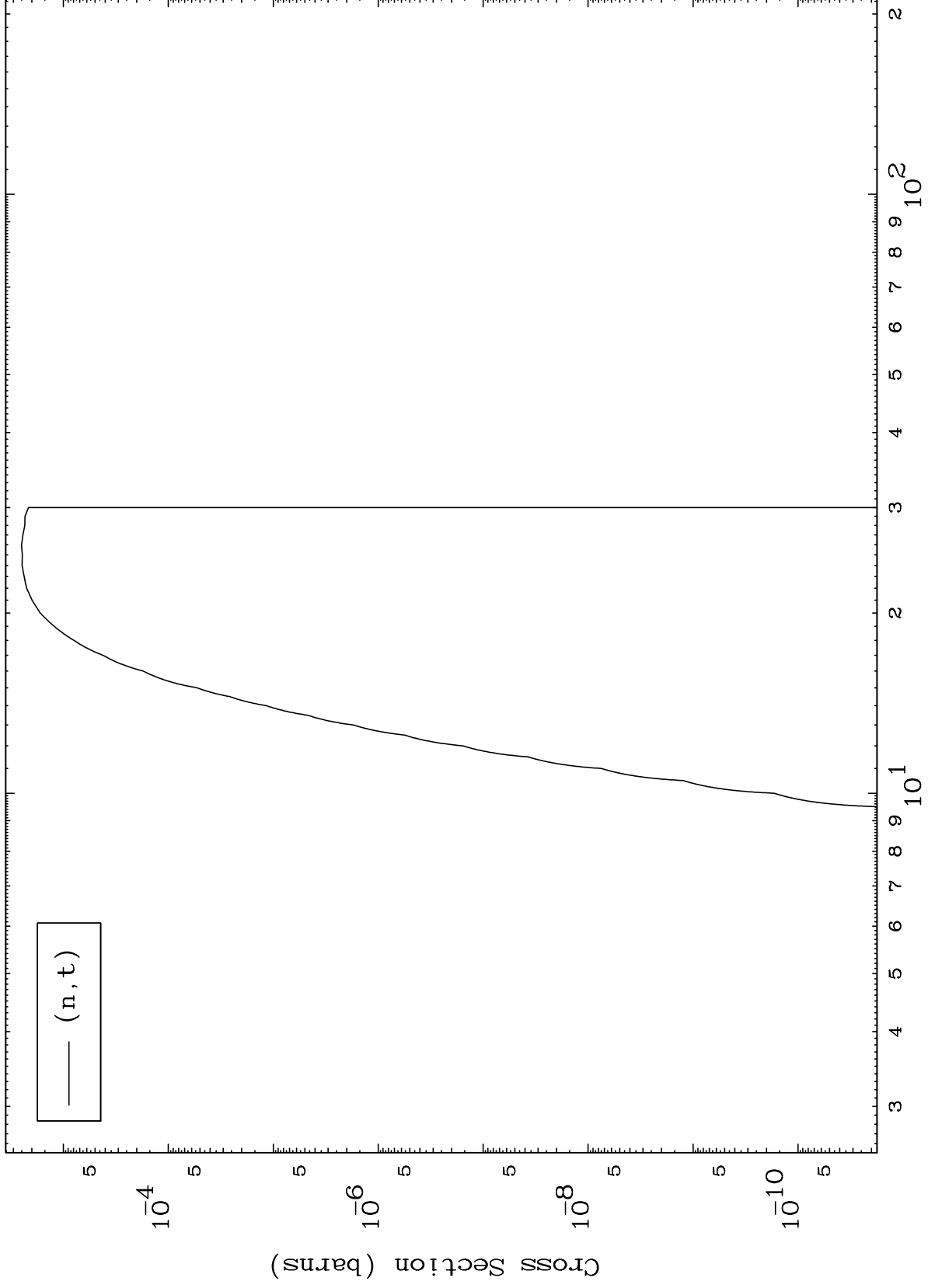
Incident Energy (MeV)

95-Am-243

MAT 9549

(n,t) Levels  
293 Kelvin Cross Sections

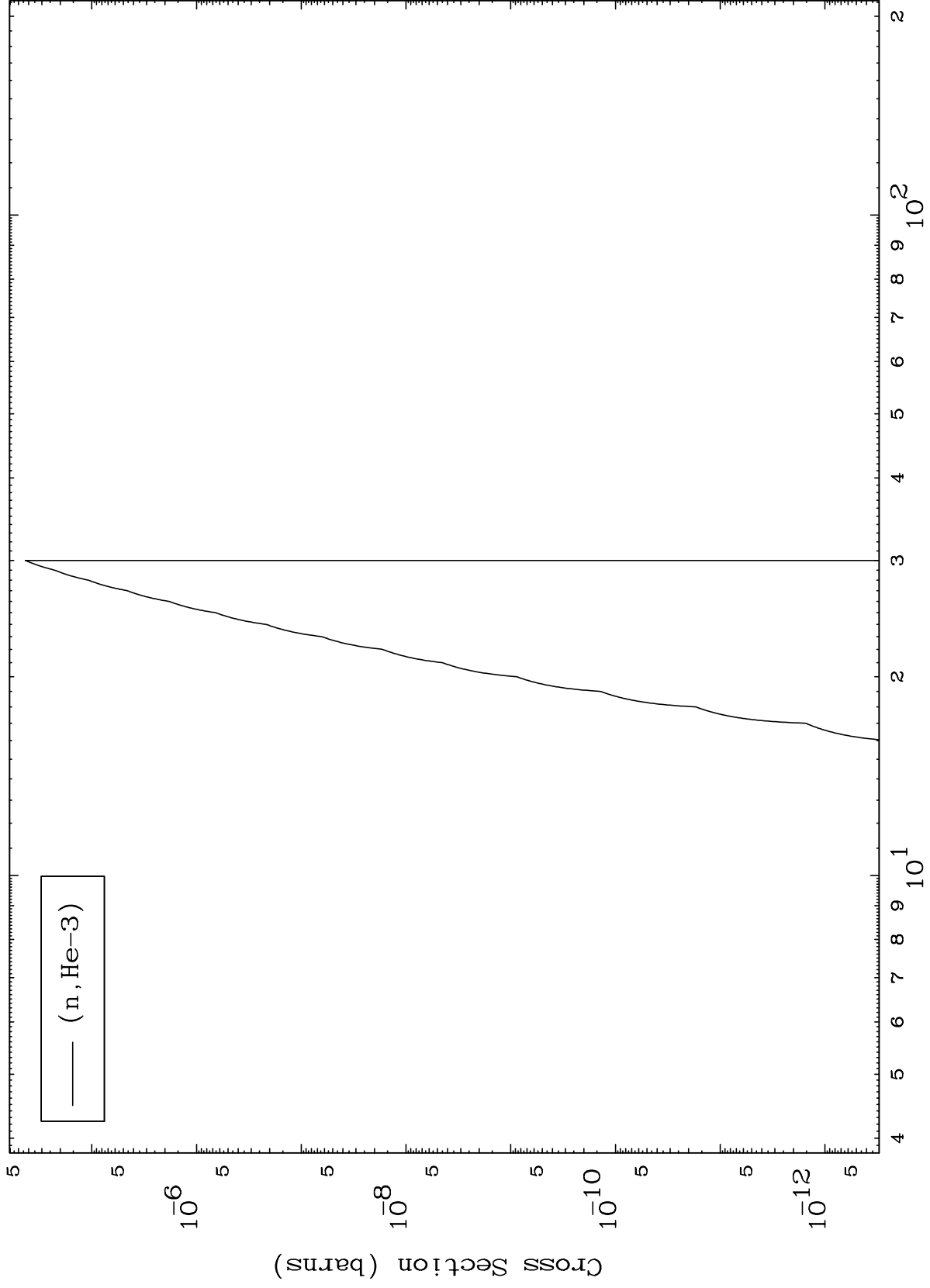
95-Am-243



MAT 9549

(n,He3) Levels  
293 Kelvin Cross Sections

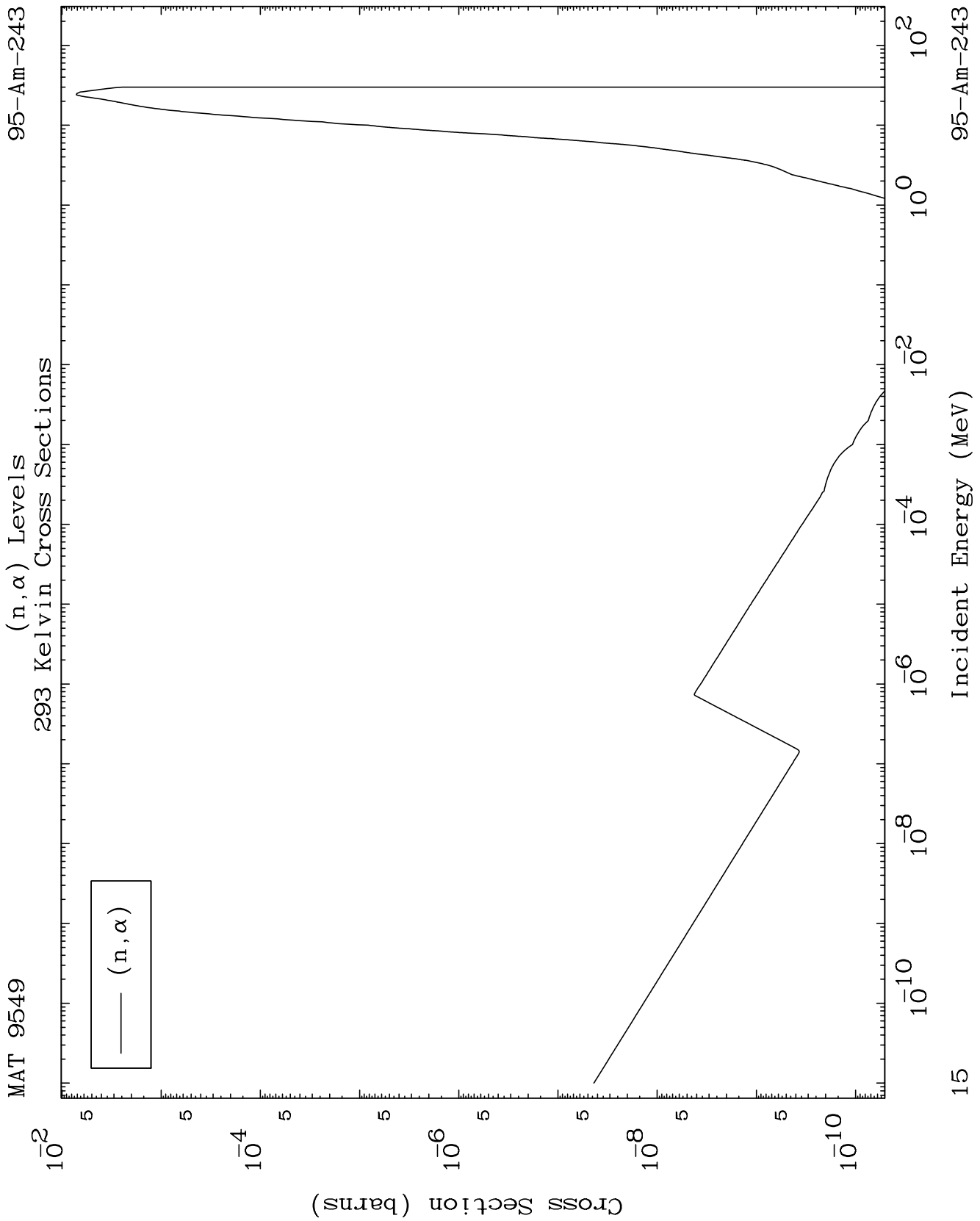
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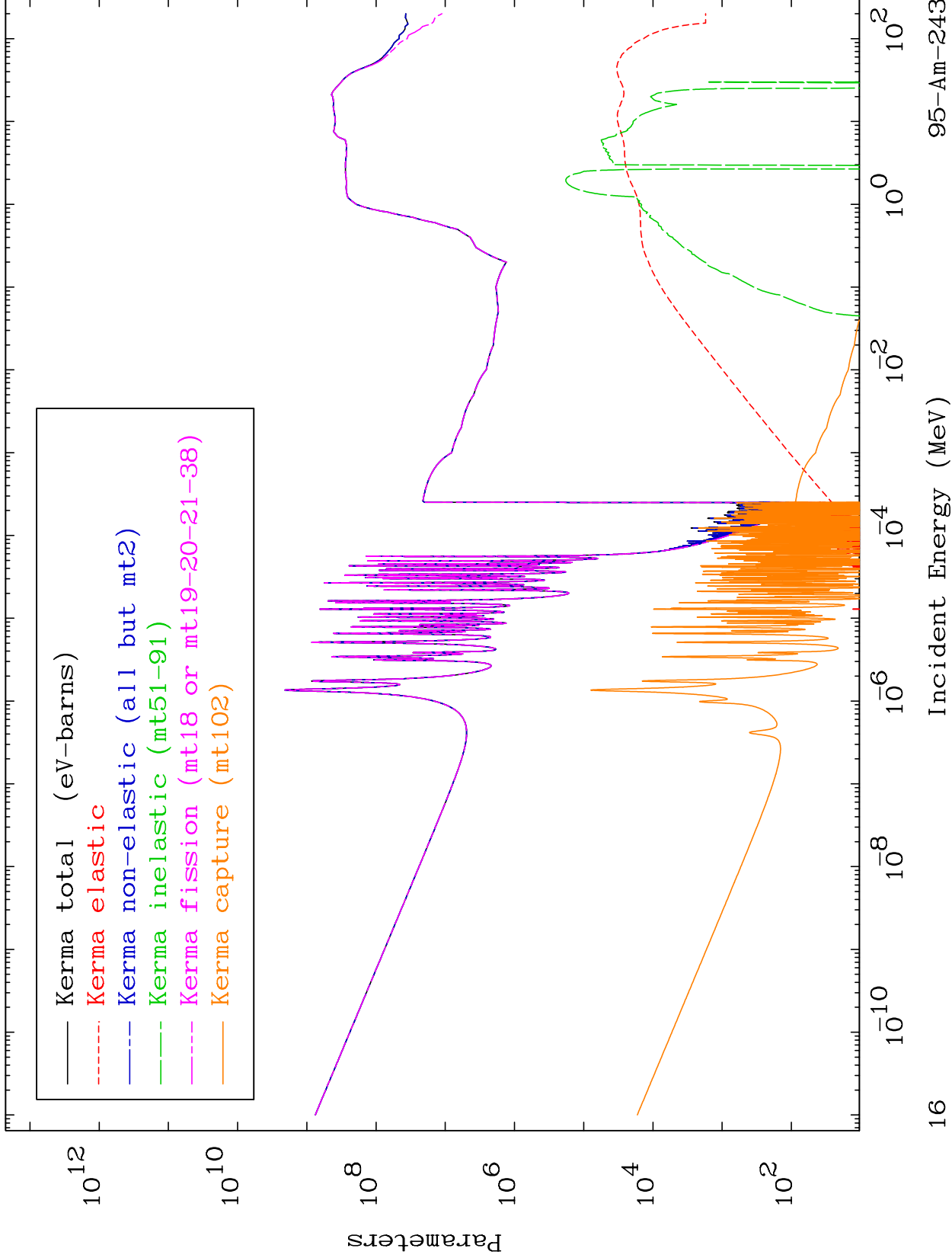
14

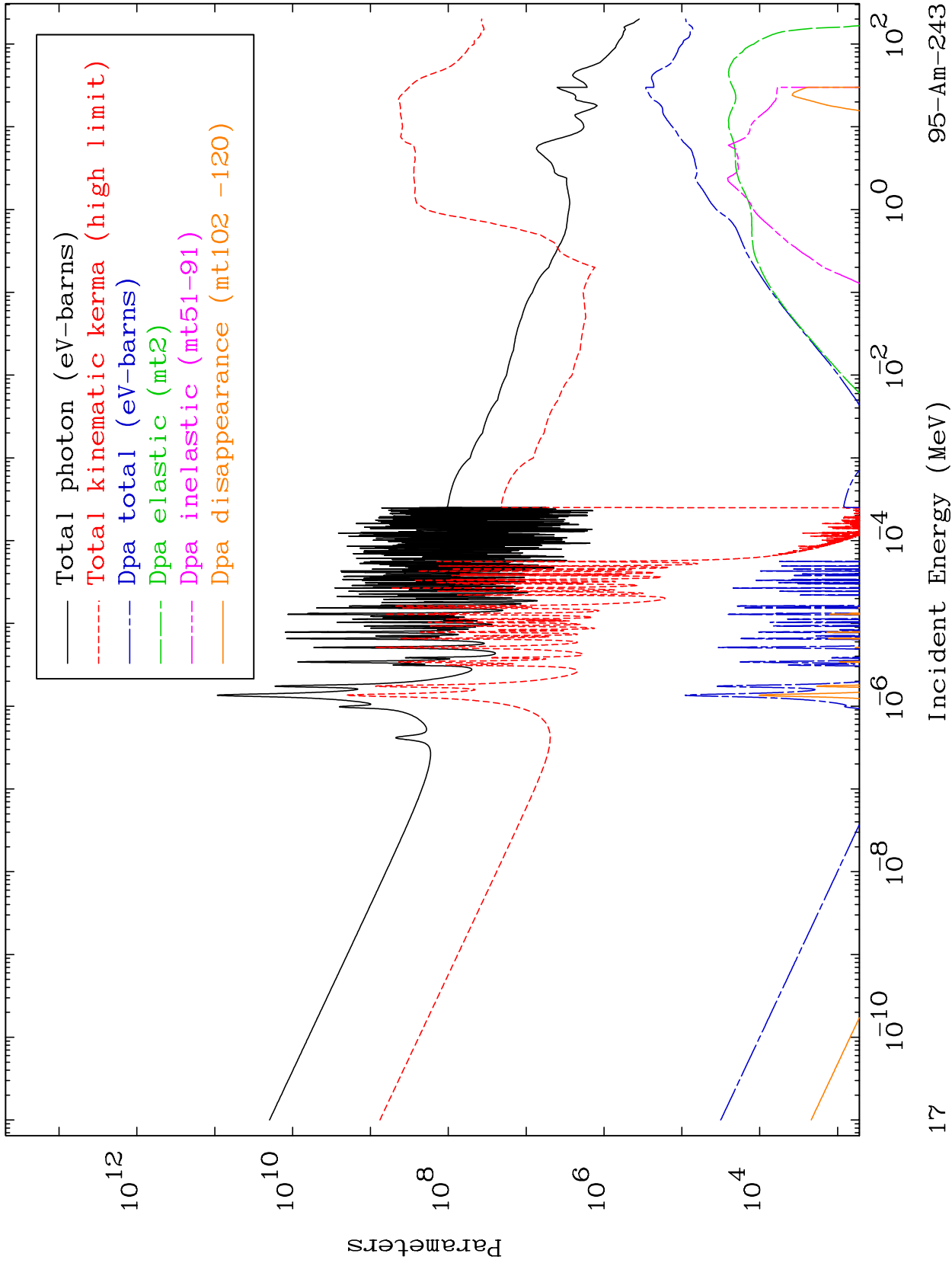
Incident Energy (MeV)

95-Am-243





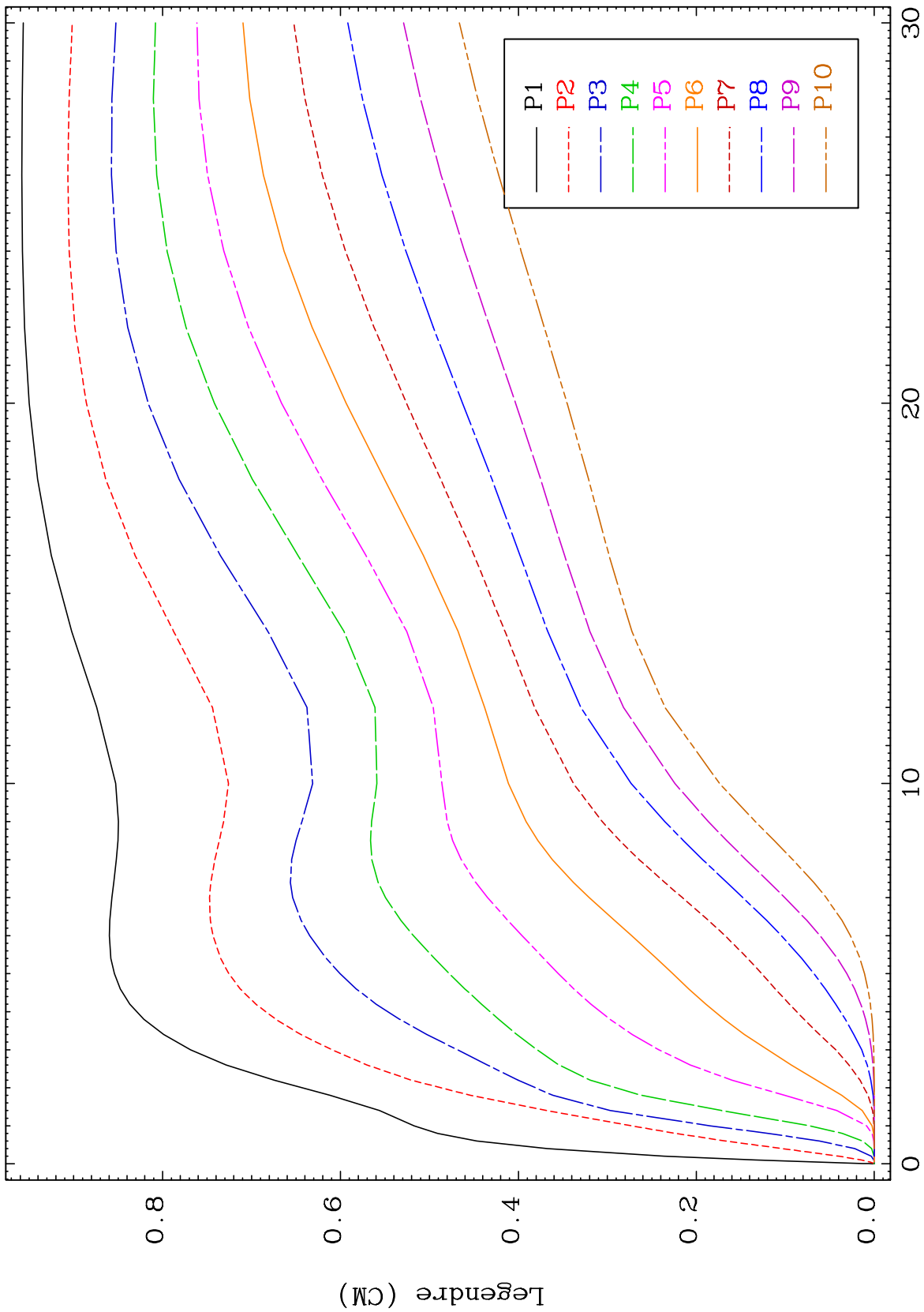




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95-Am-243

Elastic Legendre Coefficients



95-Am-243

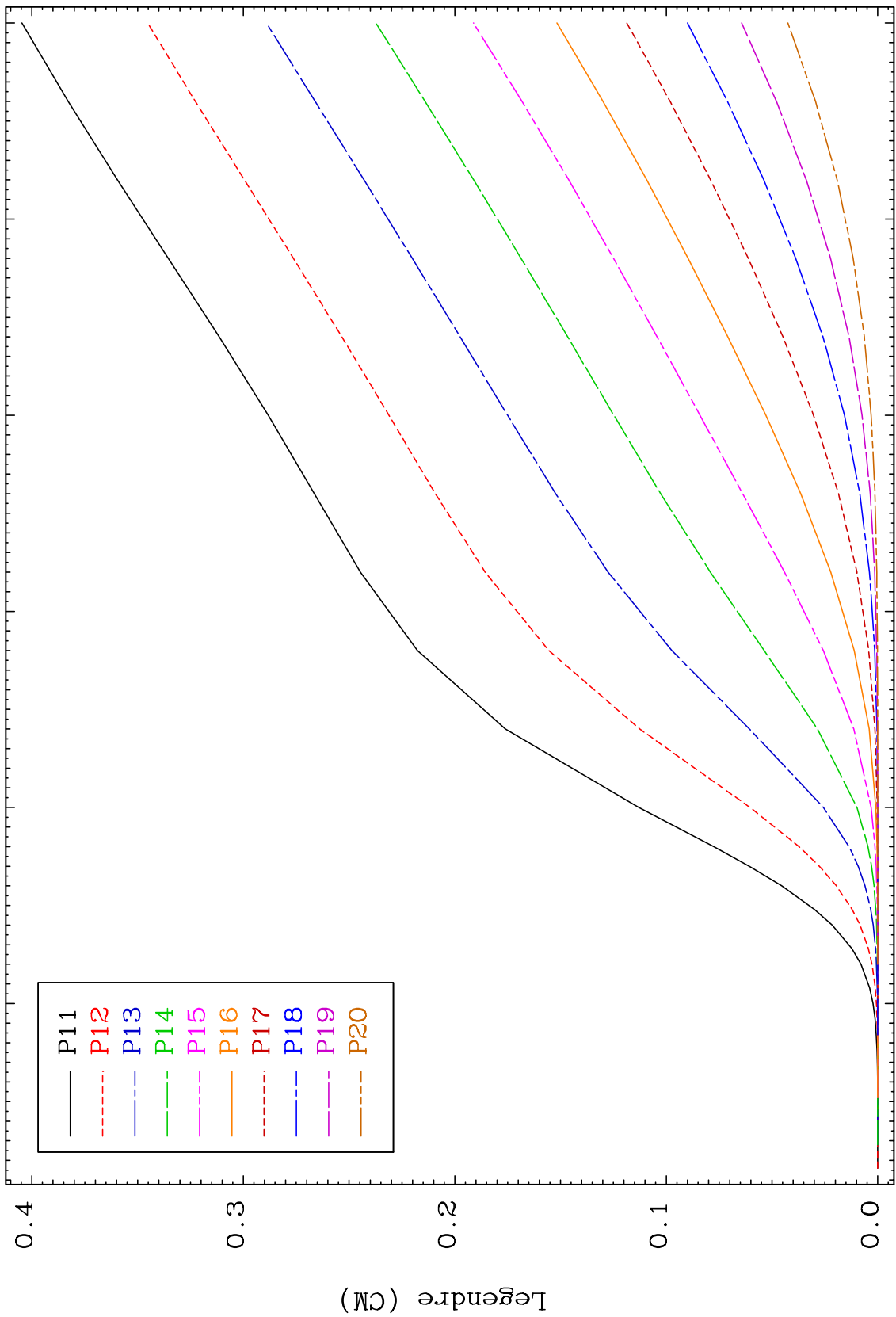
Incident Energy (MeV)

18

MAT 9549

Elastic Legendre Coefficients

95-Am-243



19

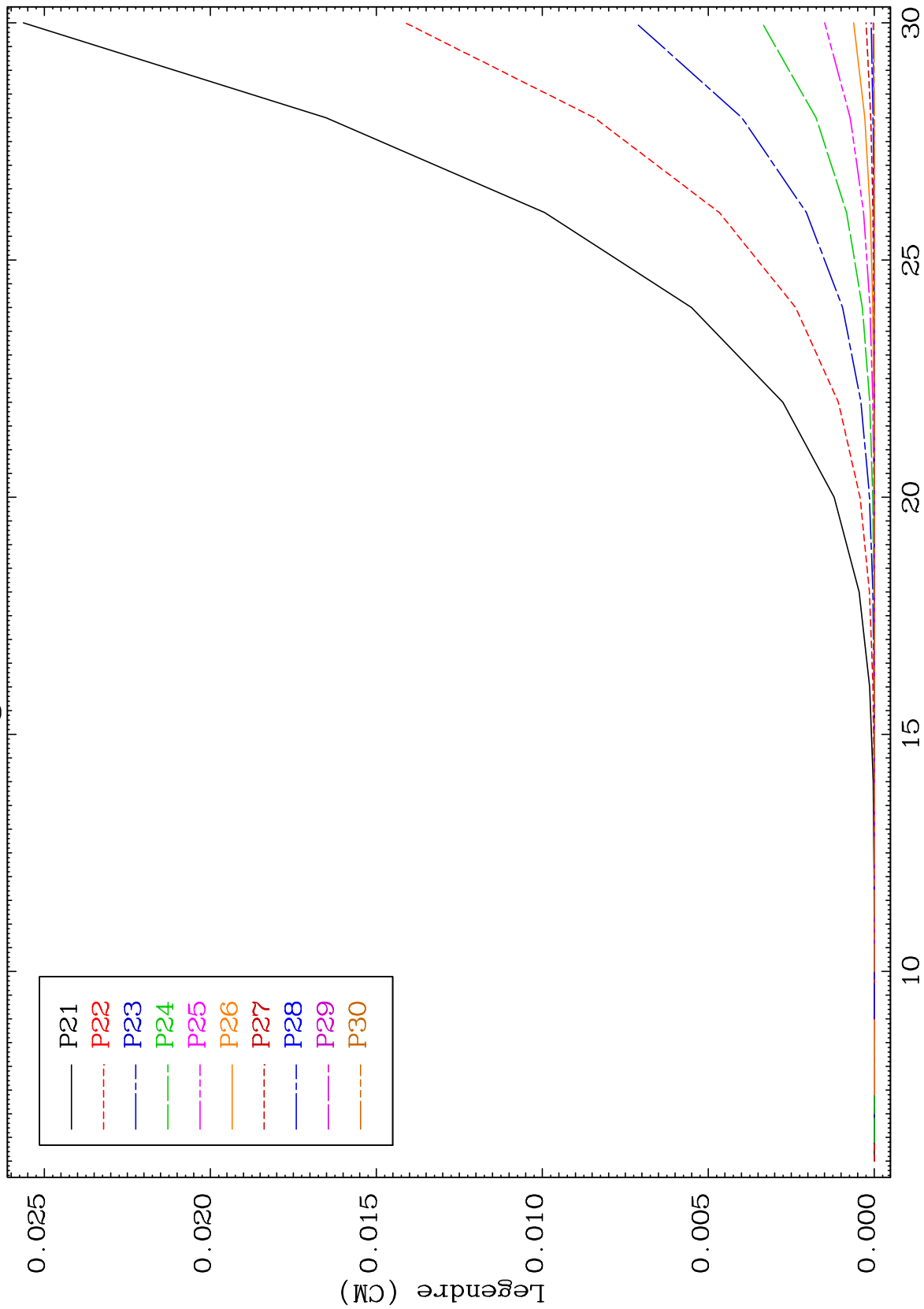
Incident Energy (MeV)

95-Am-243

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### Elastic Legendre Coefficients

95-Am-243



20

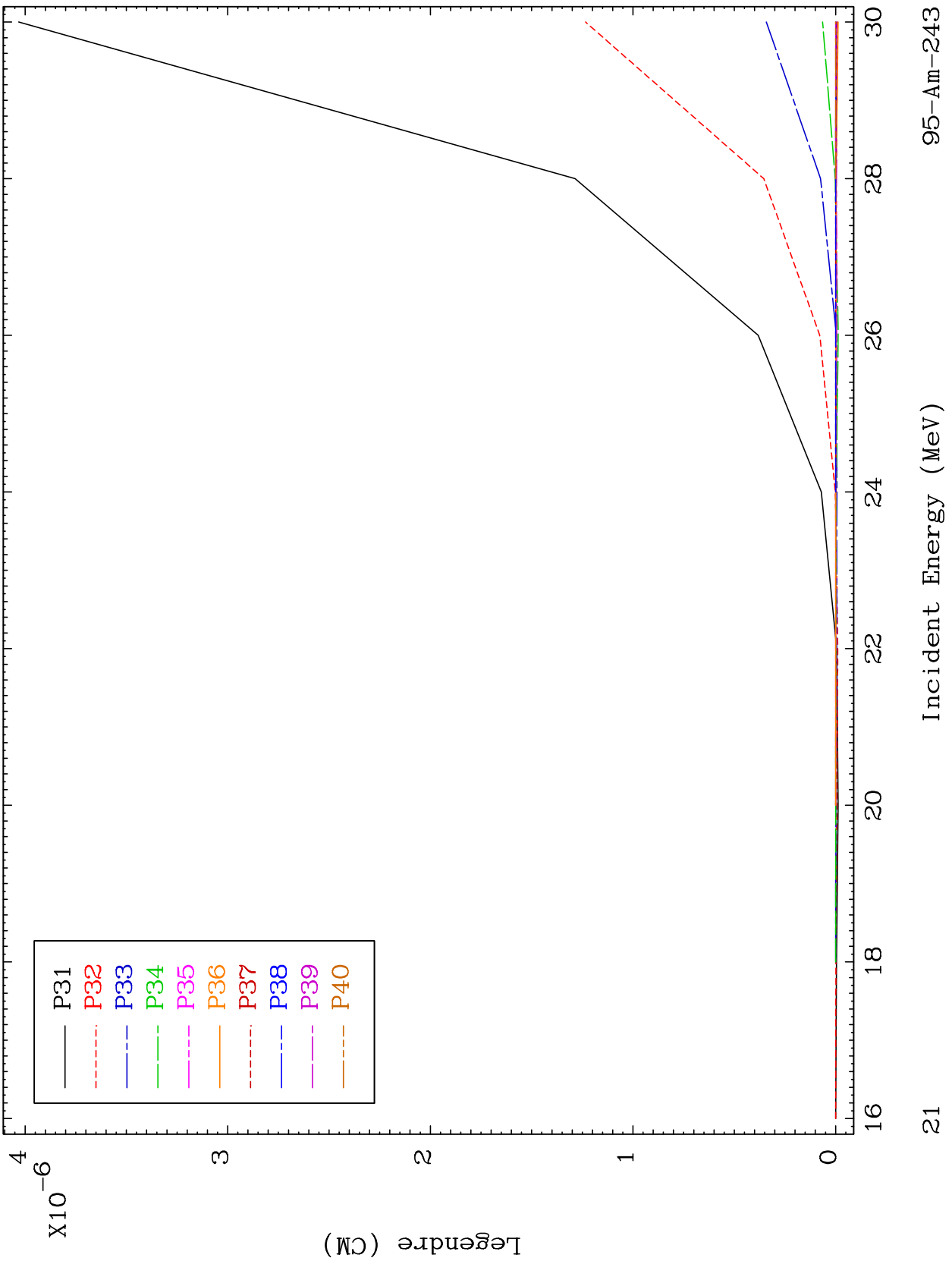
Incident Energy (MeV)

95-Am-243

MAT 9549

Elastic Legendre Coefficients

95-Am-243



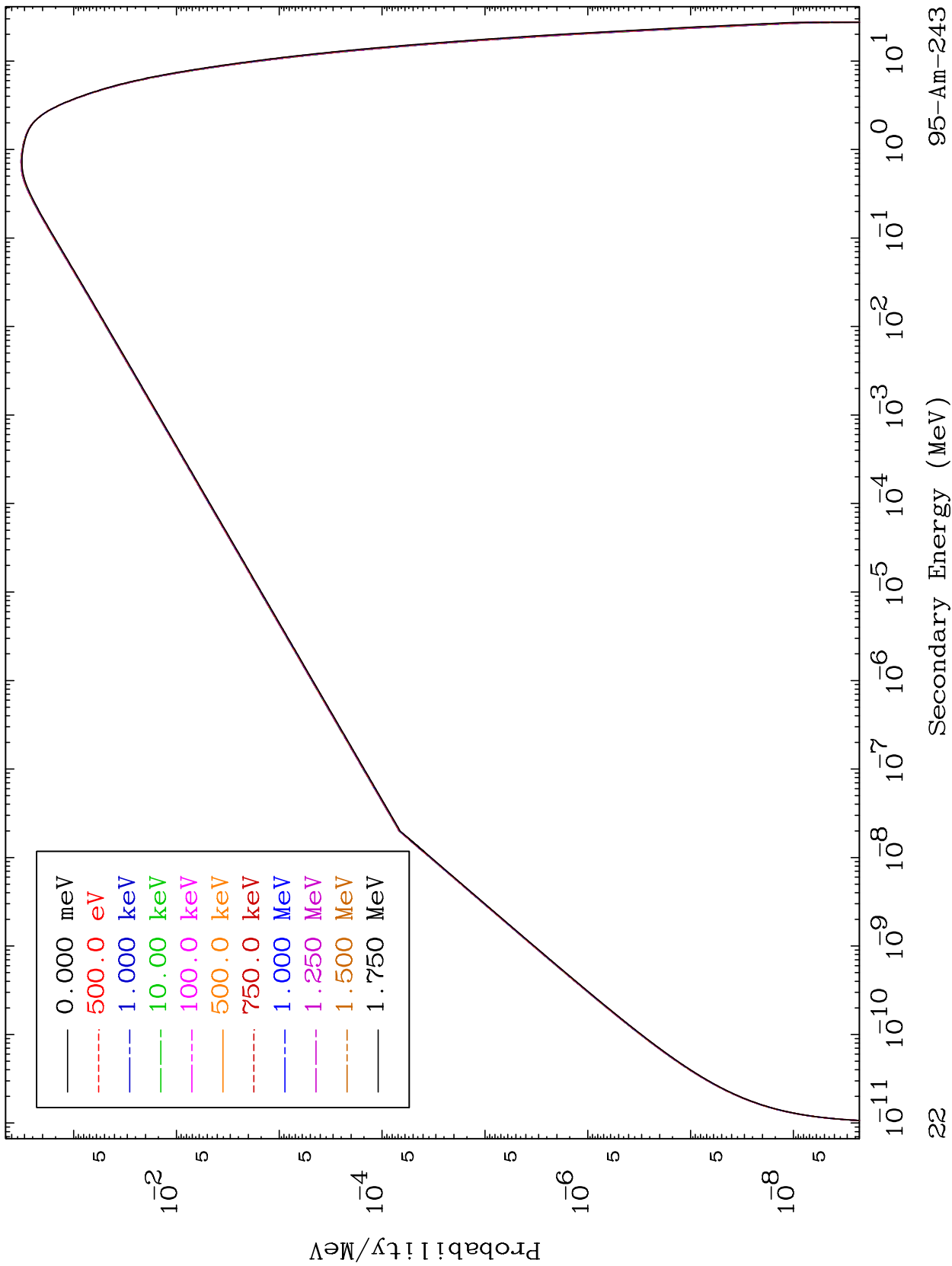
21

95-Am-243

MAT 9549

### Fission Energy Distribution

95-Am-243



- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

95-Am-243

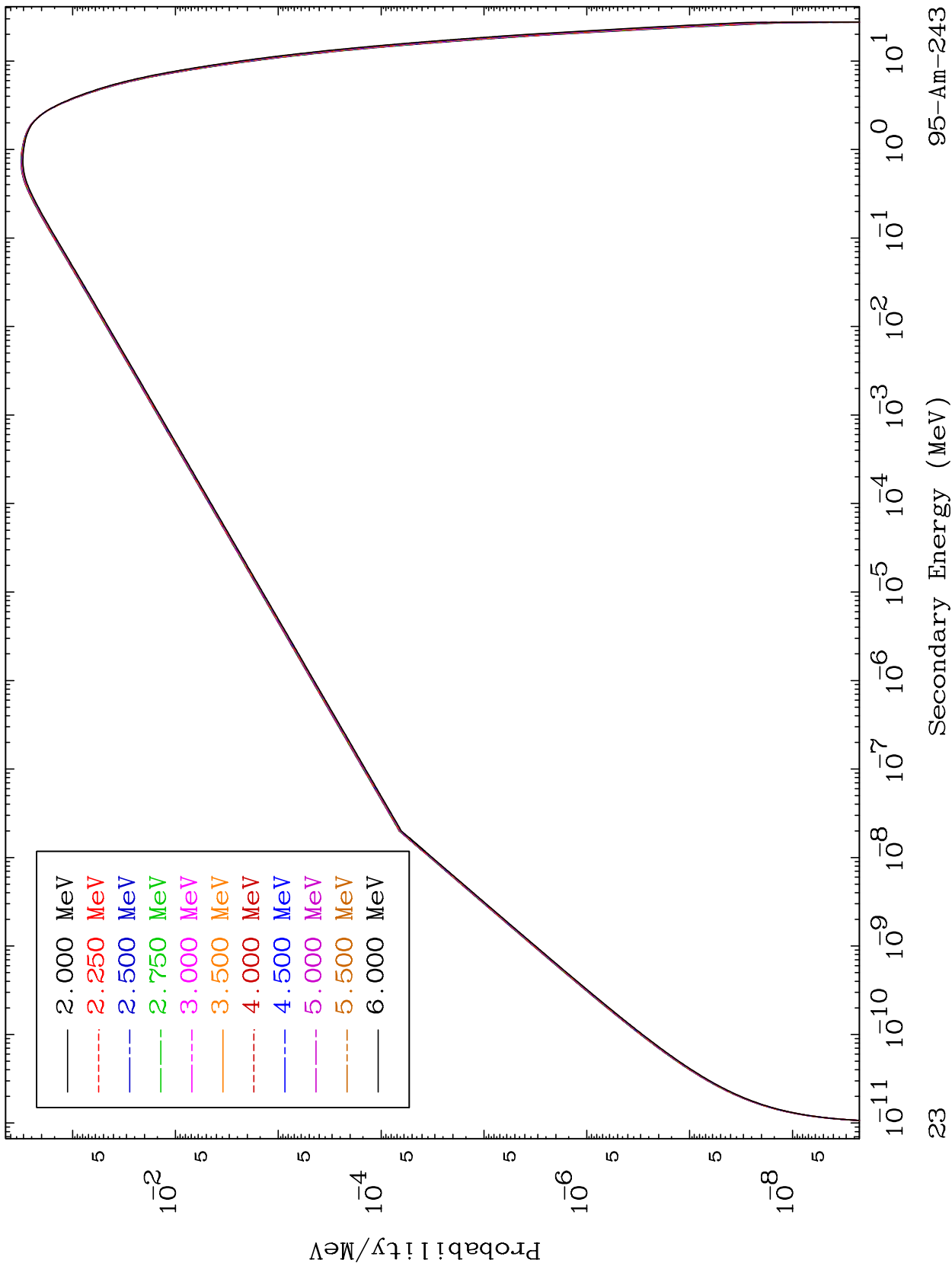
Secondary Energy (MeV)

22

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### Fission Energy Distribution

95-Am-243



95-Am-243

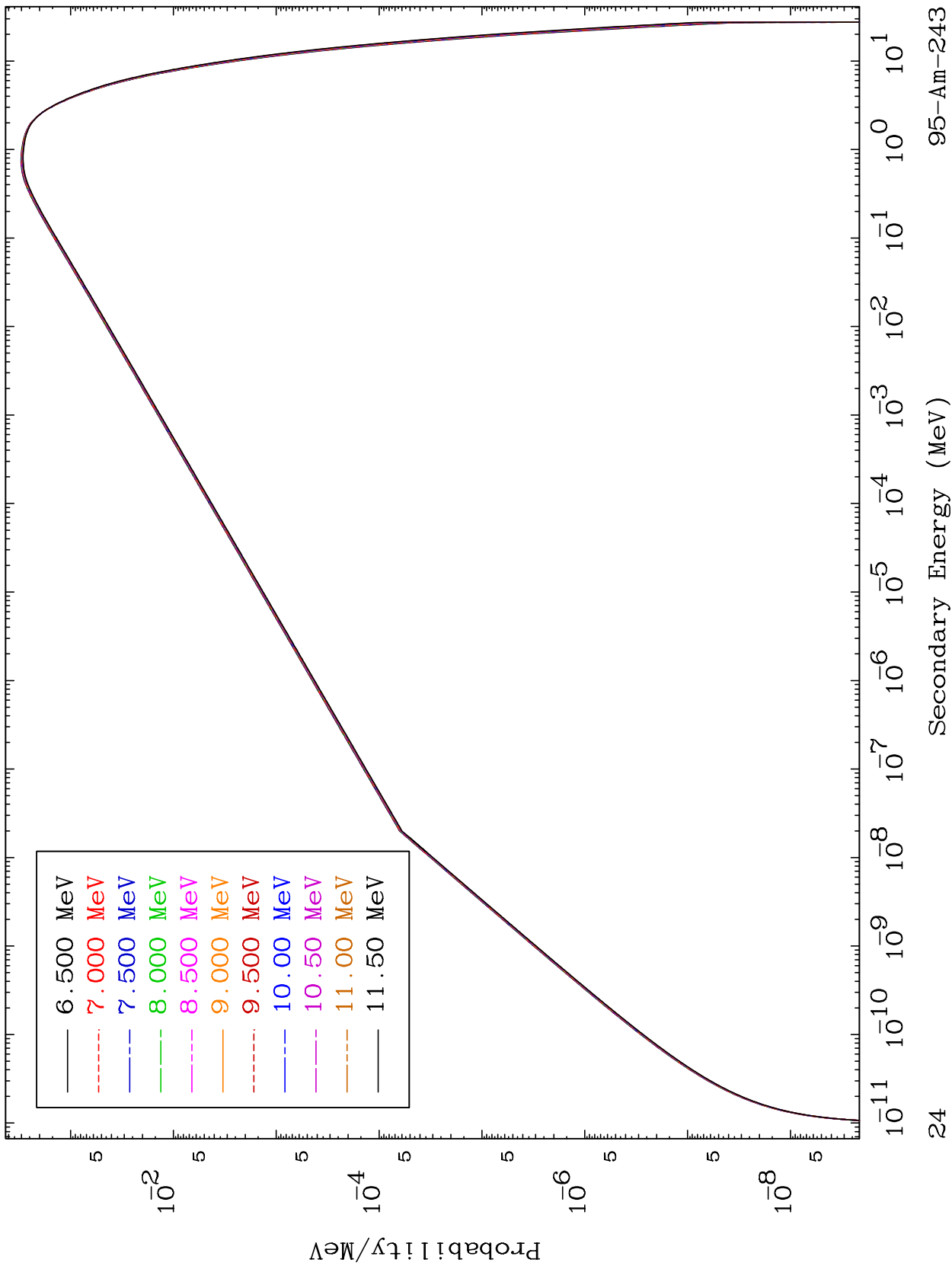
Secondary Energy (MeV)



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### Fission Energy Distribution

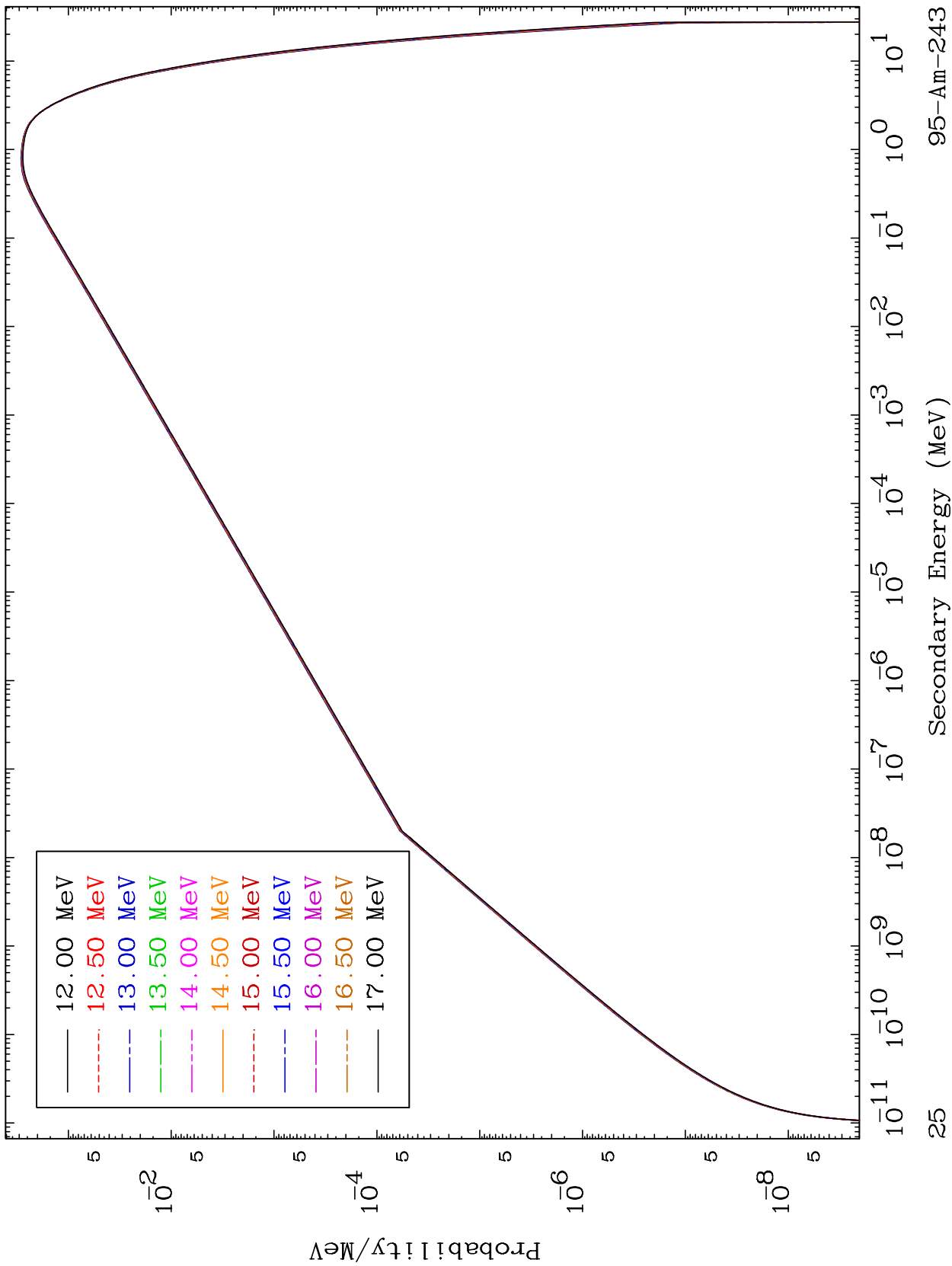
95-Am-243



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### Fission Energy Distribution

95-Am-243



95-Am-243

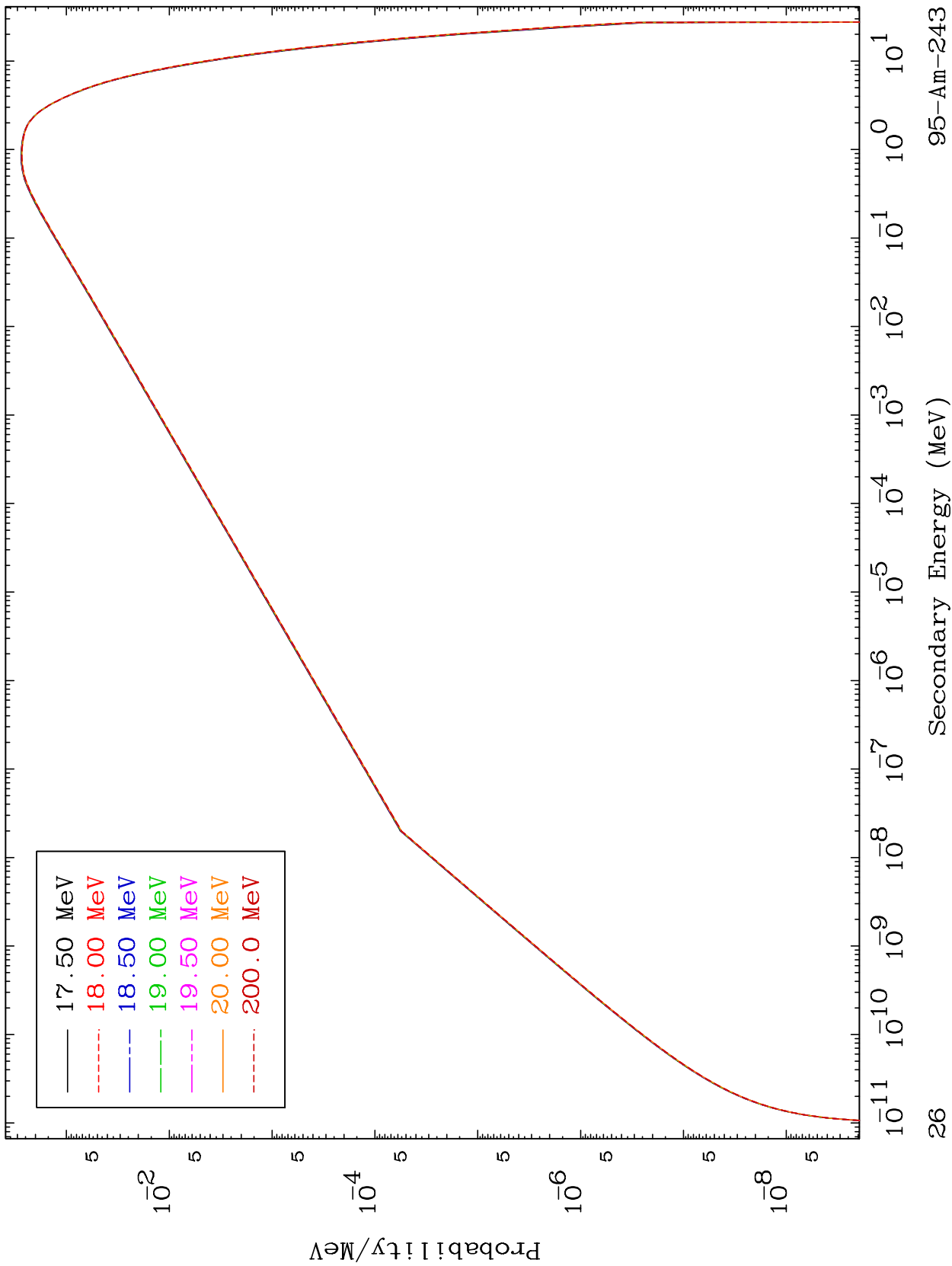
Secondary Energy (MeV)

25

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### Fission Energy Distribution

95-Am-243



95-Am-243

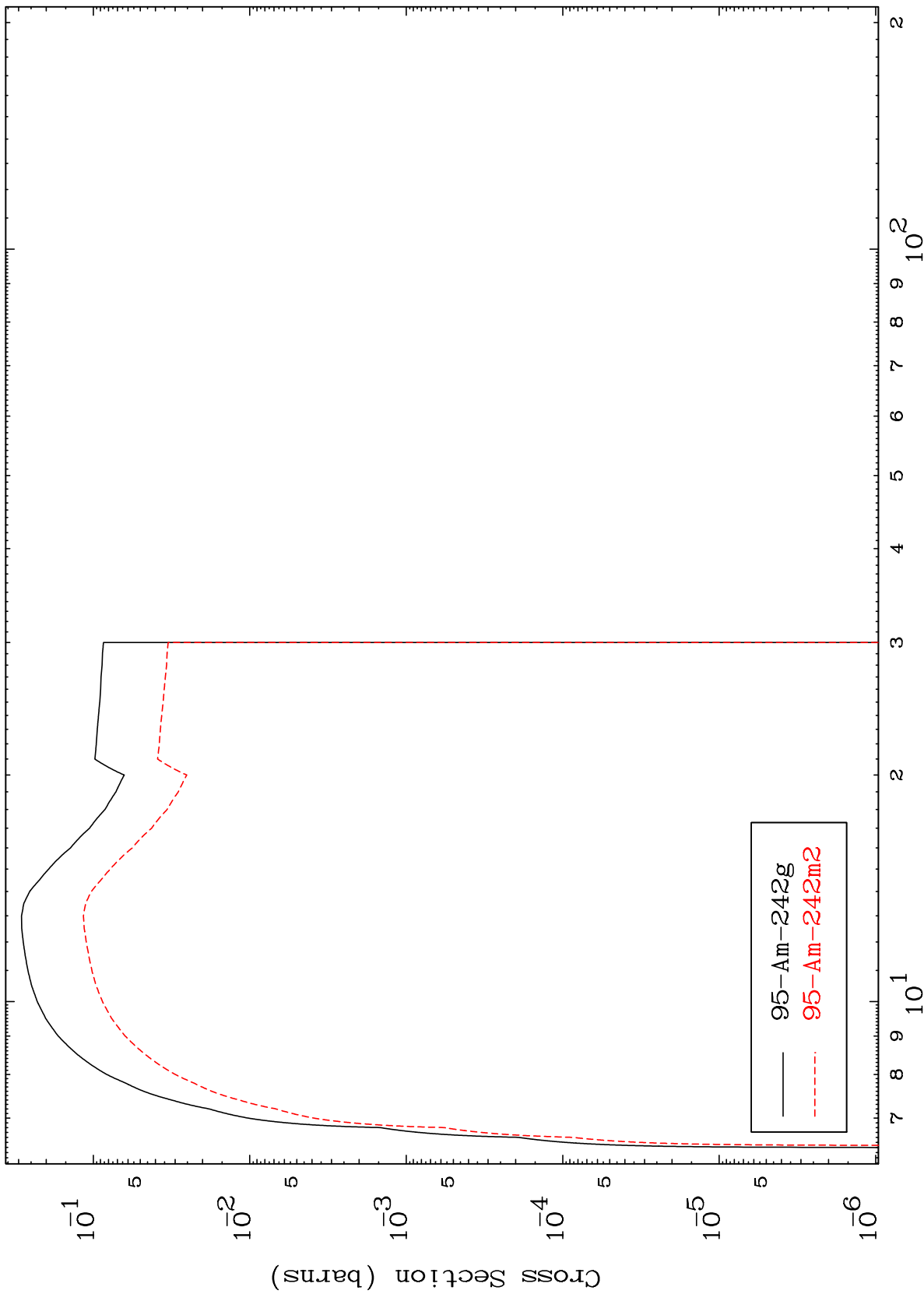
Secondary Energy (MeV)

26

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95-Am-243

Radionuclide Production Cross Section  
(n,2n)



27

95-Am-243

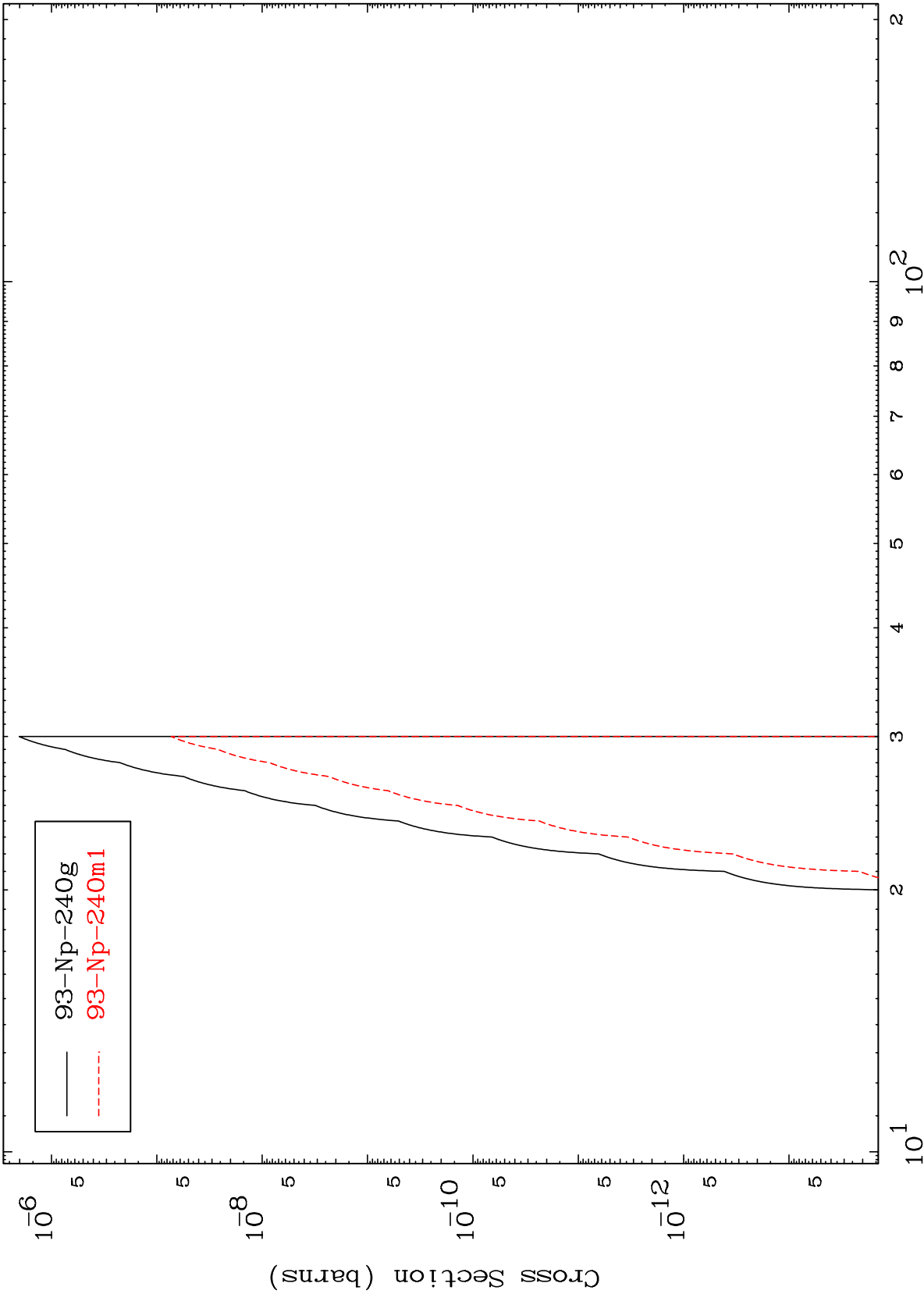
Incident Energy (MeV)

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(n,n') He-3

95-Am-243

Radionuclide Production Cross Section



—  $^{93}\text{Np-240g}$   
- - -  $^{93}\text{Np-240m1}$

Incident Energy (MeV)

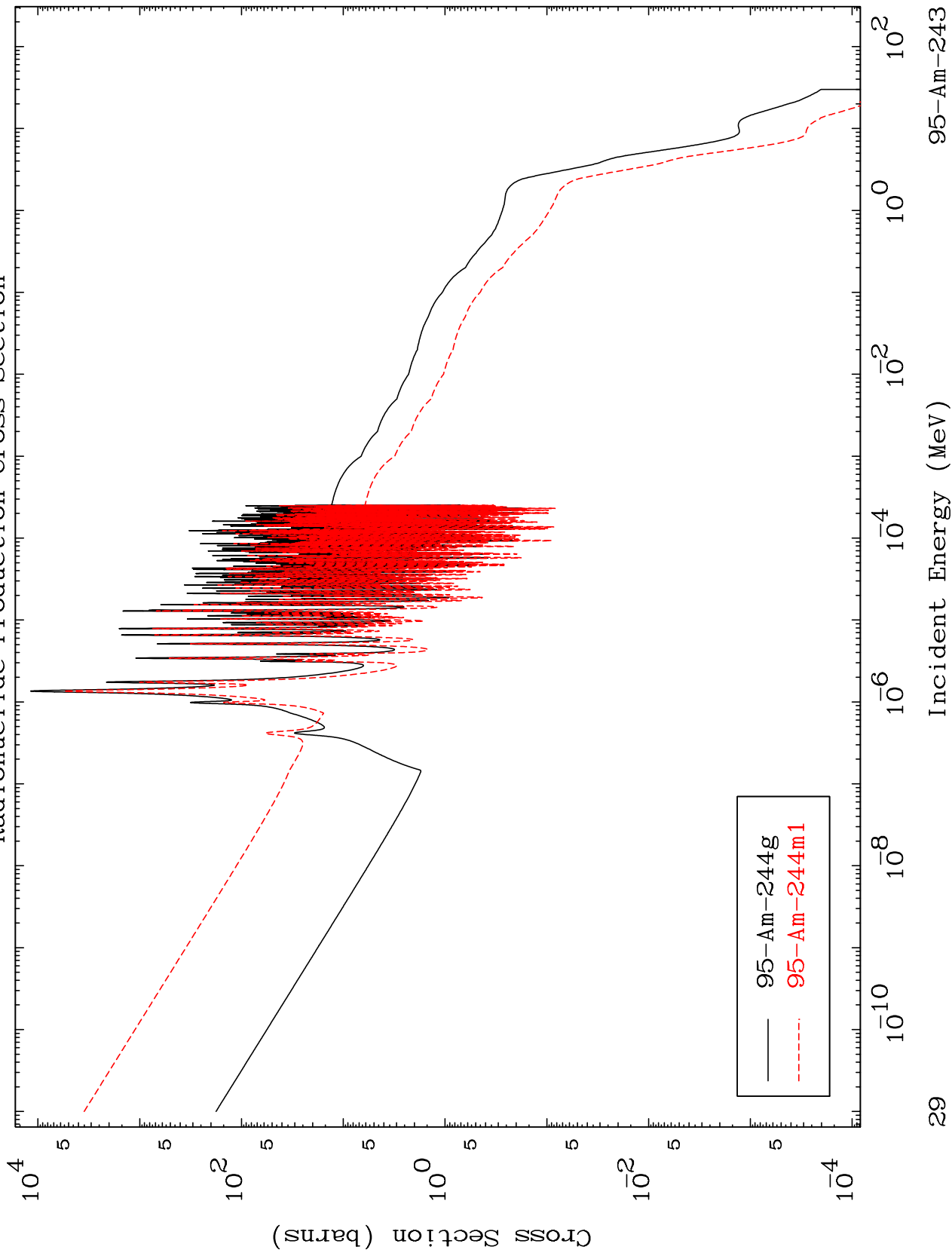
95-Am-243

28

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95-Am-243

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



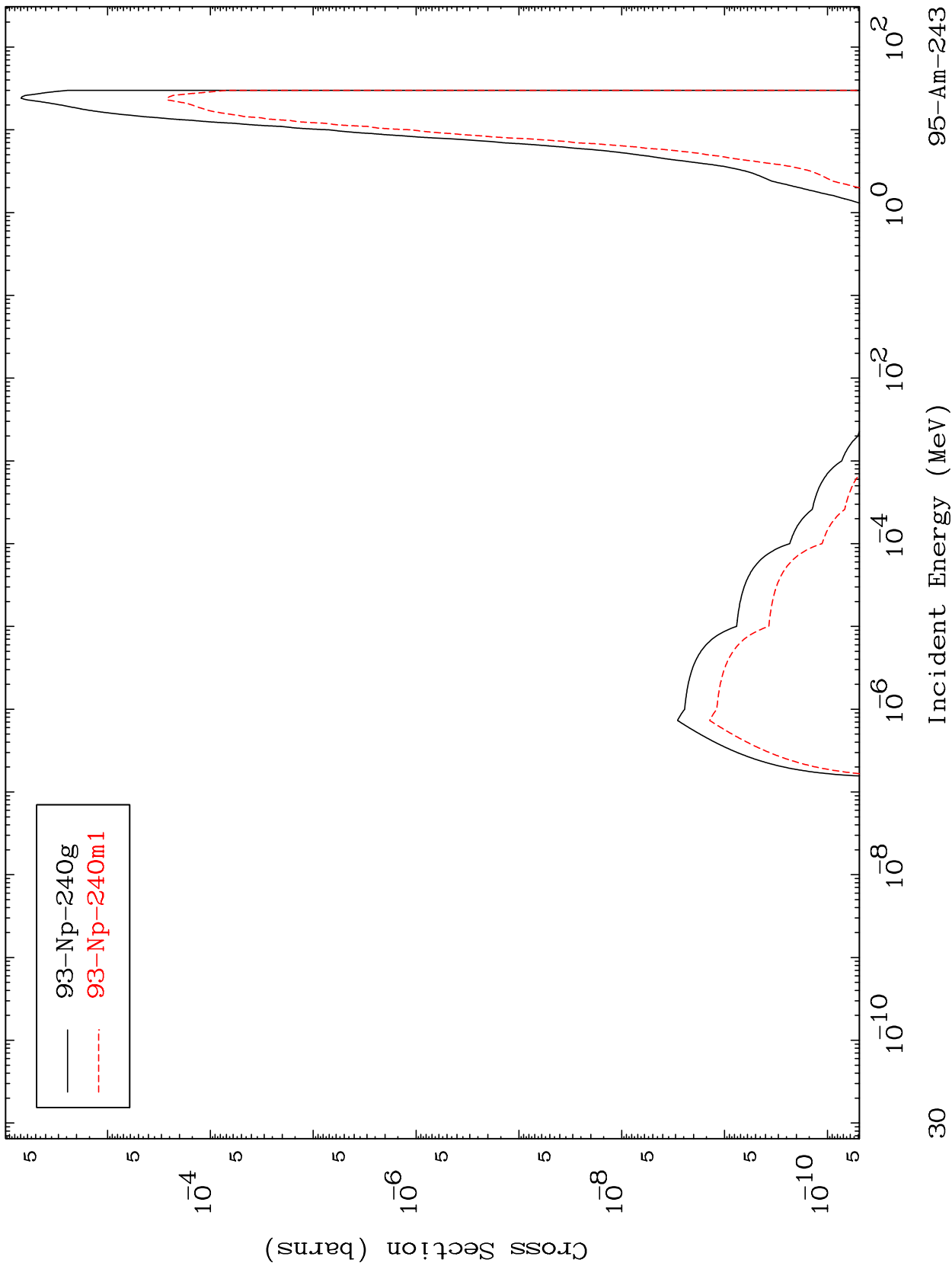
29

95-Am-243

MAT 9549

95-Am-243

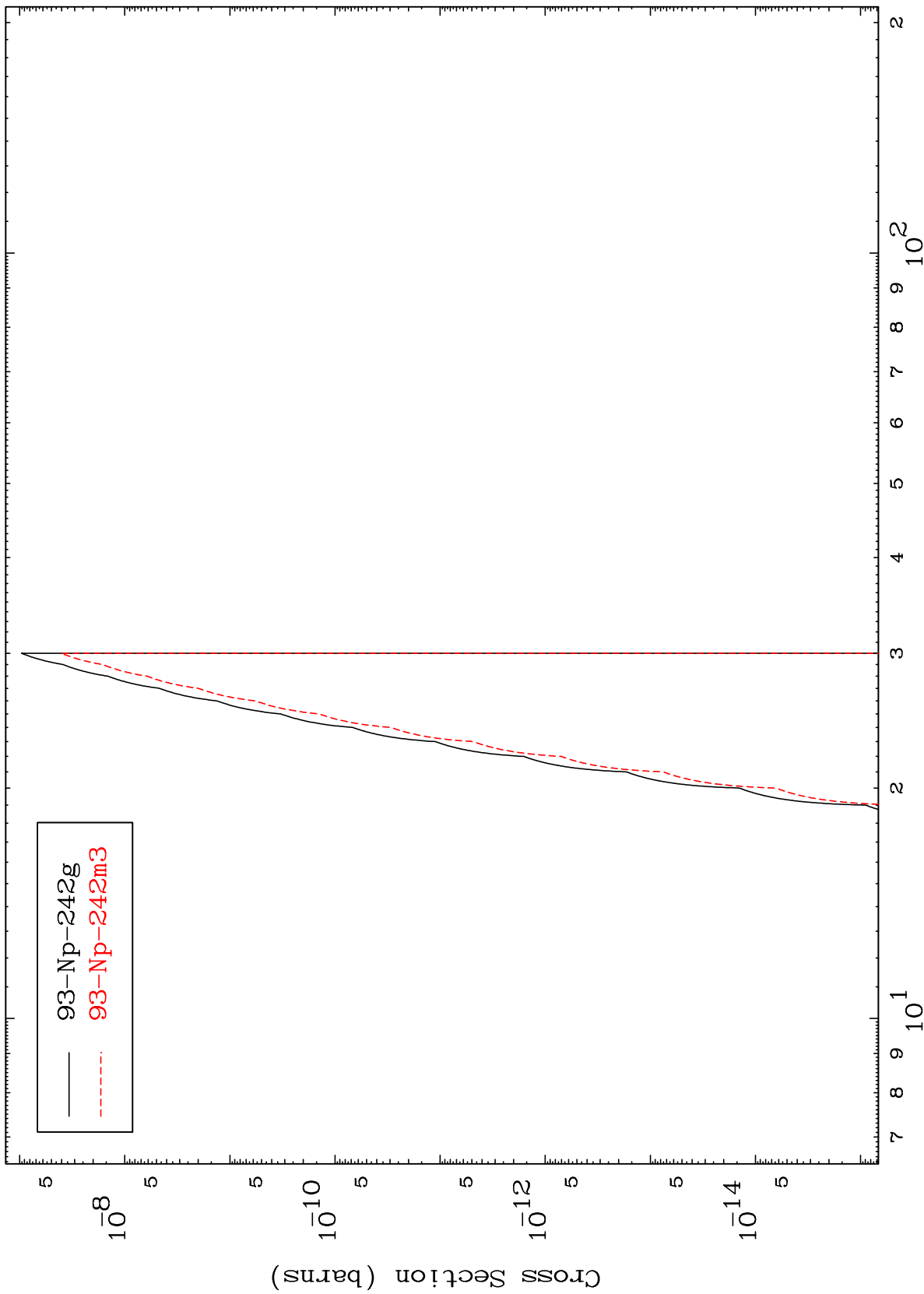
(n,  $\alpha$ )  
Radionuclide Production Cross Section



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95-Am-243

(n,2p)  
Radionuclide Production Cross Section



31

95-Am-243

Incident Energy (MeV)