

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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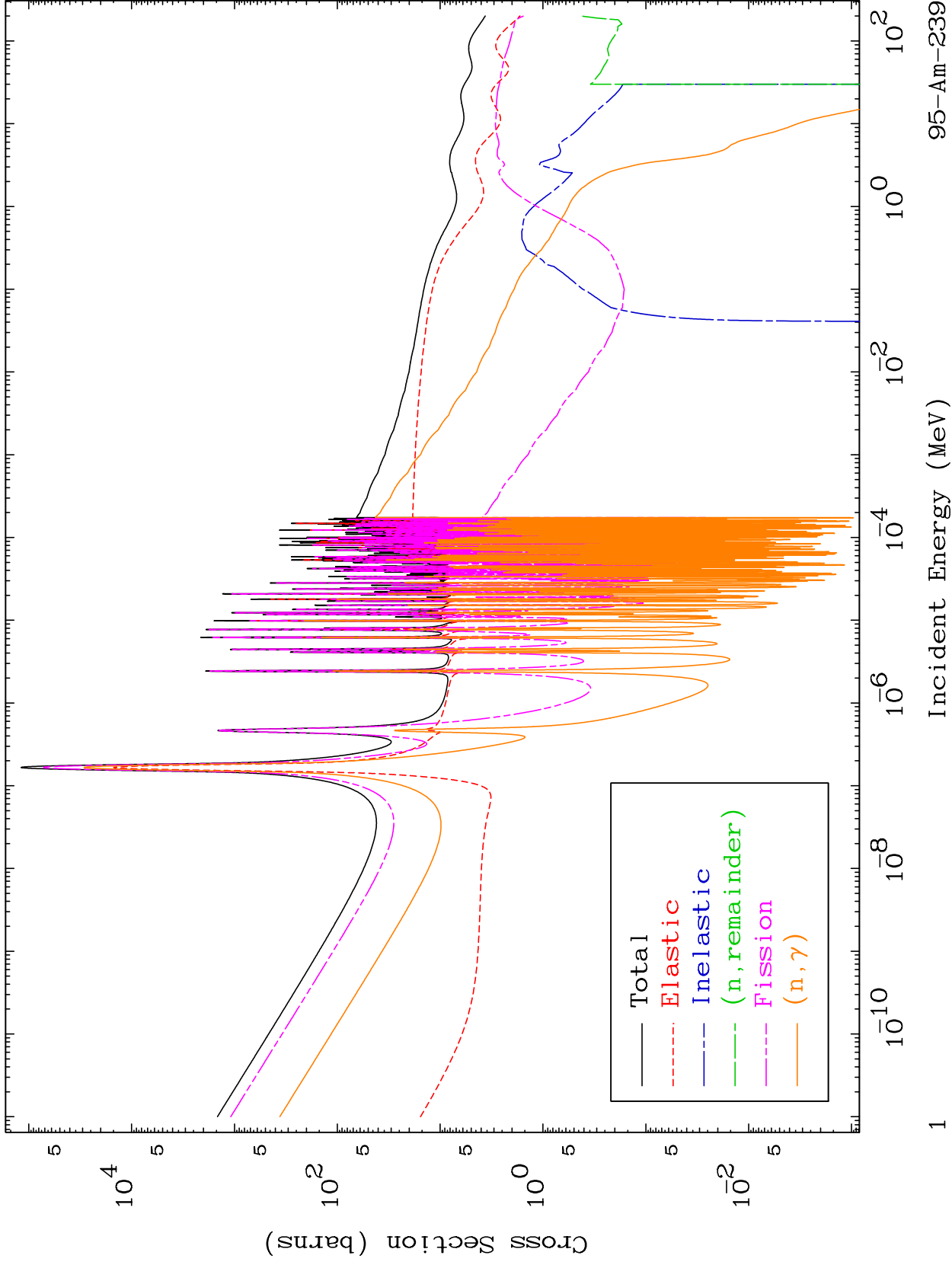
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 9537

Major  
293 Kelvin Cross Sections

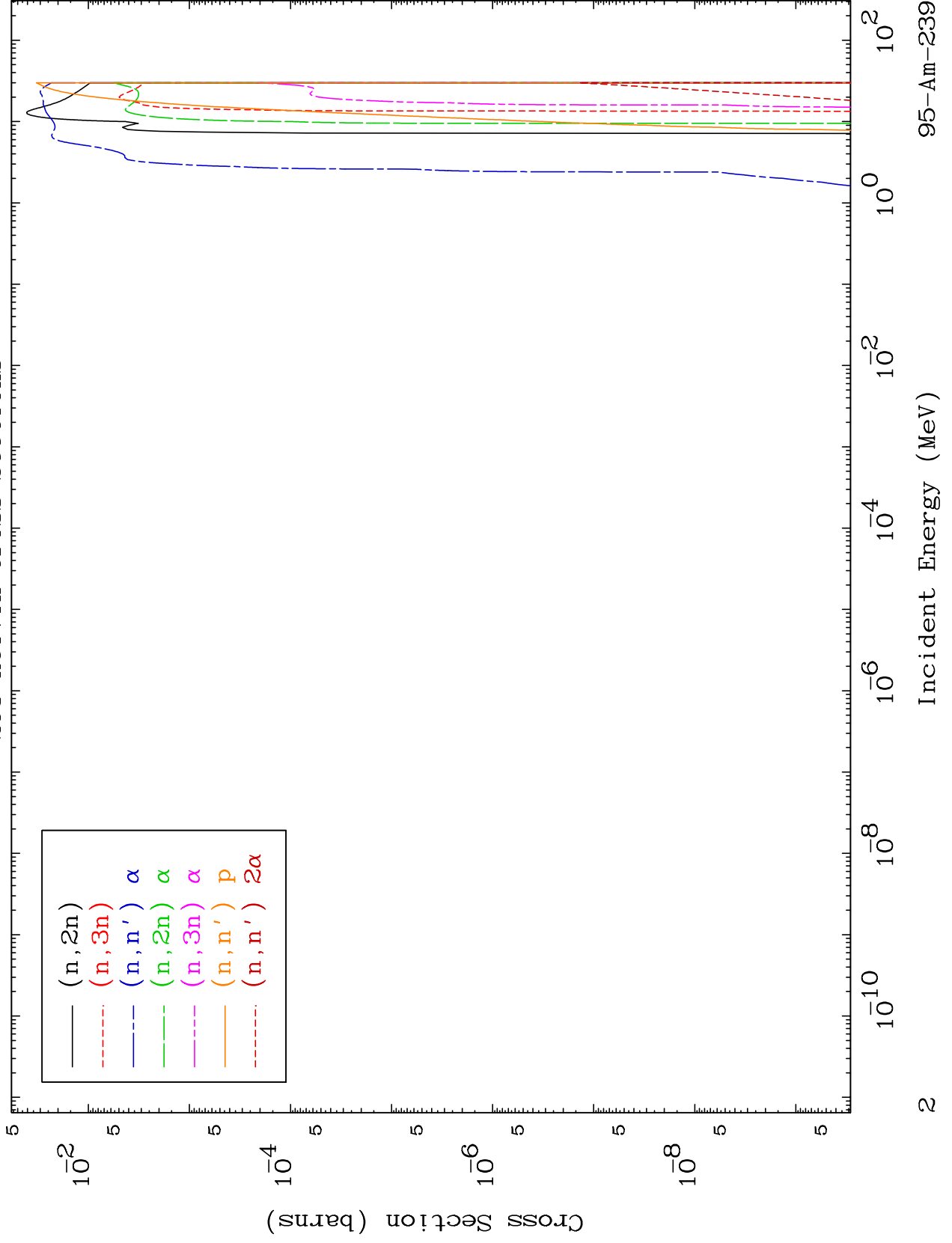
95-Am-239



MAT 9537

Neutron Production  
293 Kelvin Cross Sections

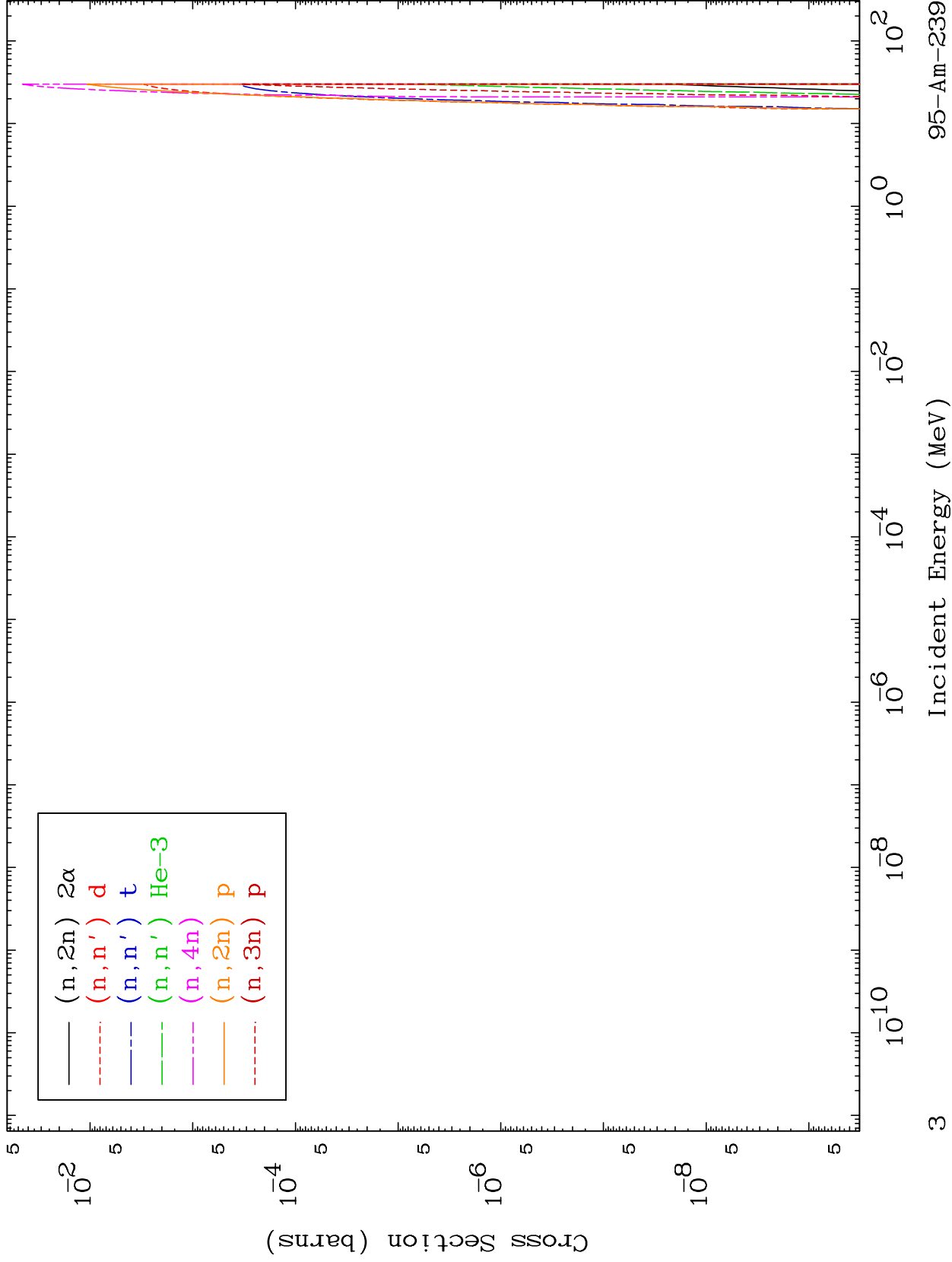
95-Am-239



MAT 9537

Neutron Production  
293 Kelvin Cross Sections

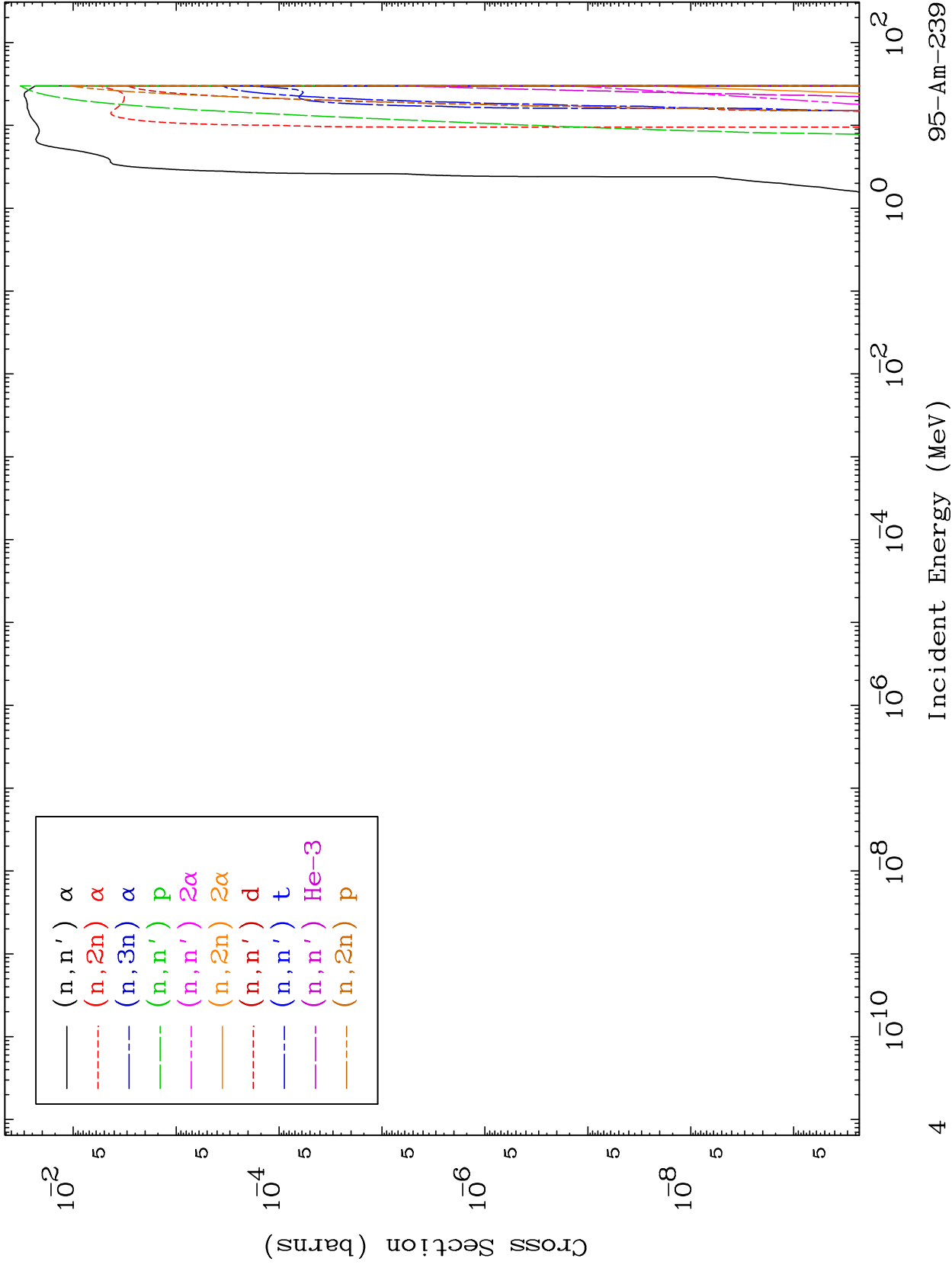
95-Am-239



MAT 9537

Charged Particle  
293 Kelvin Cross Sections

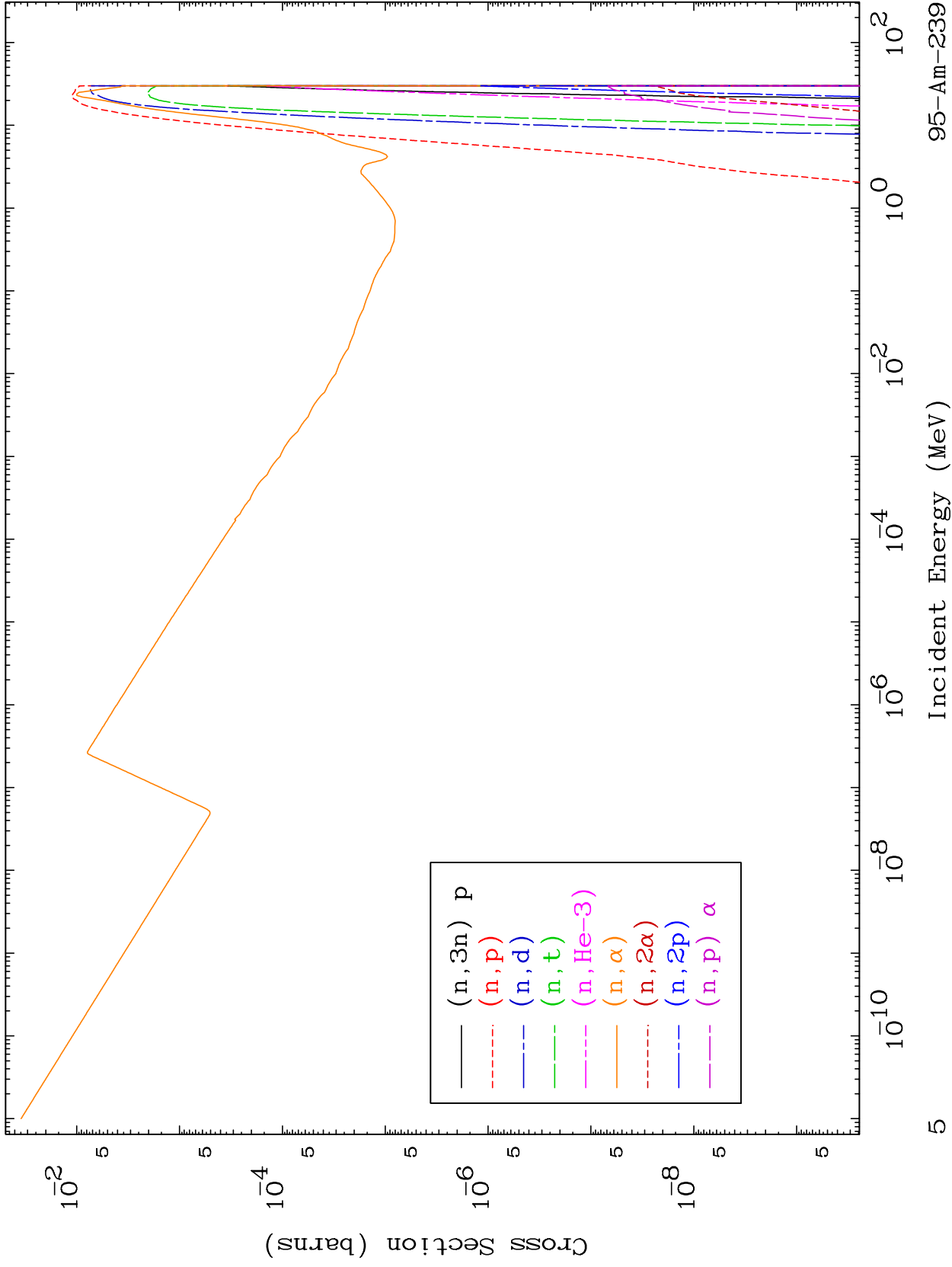
95-Am-239



MAT 9537

Charged Particle  
293 Kelvin Cross Sections

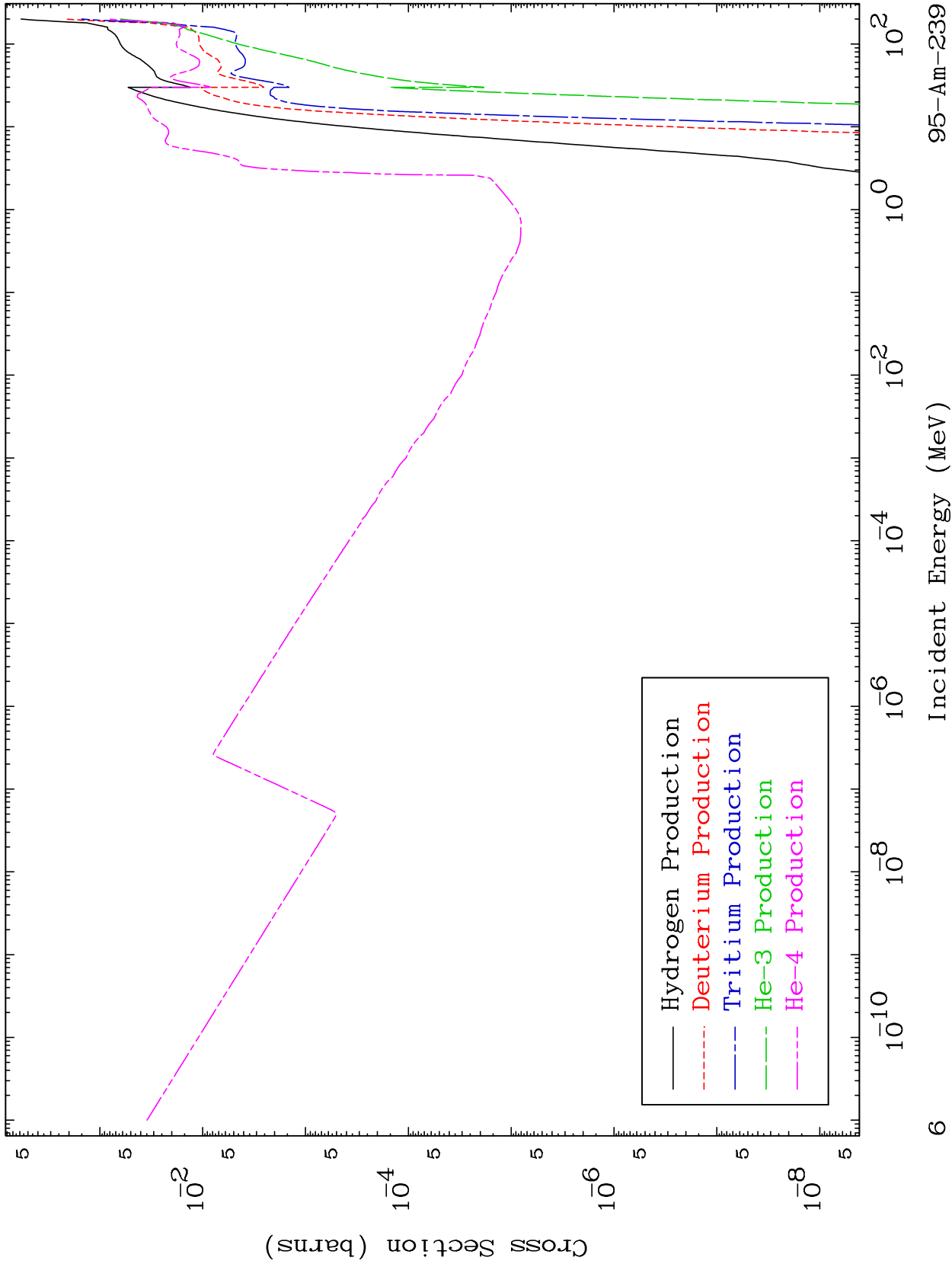
95-Am-239



MAT 9537

Particle Production  
293 Kelvin Cross Sections

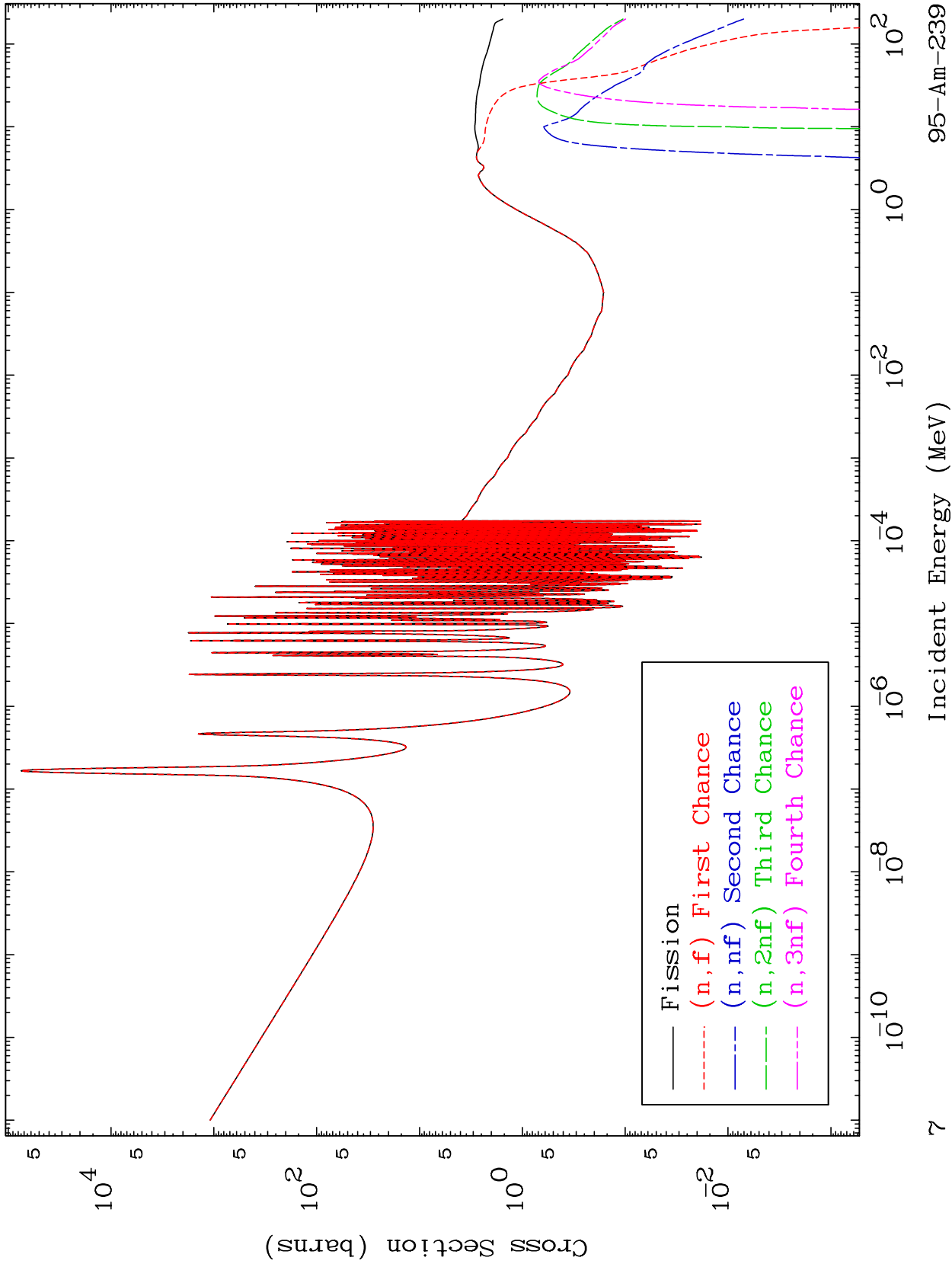
95-Am-239



MAT 9537

Fission  
293 Kelvin Cross Sections

95-Am-239

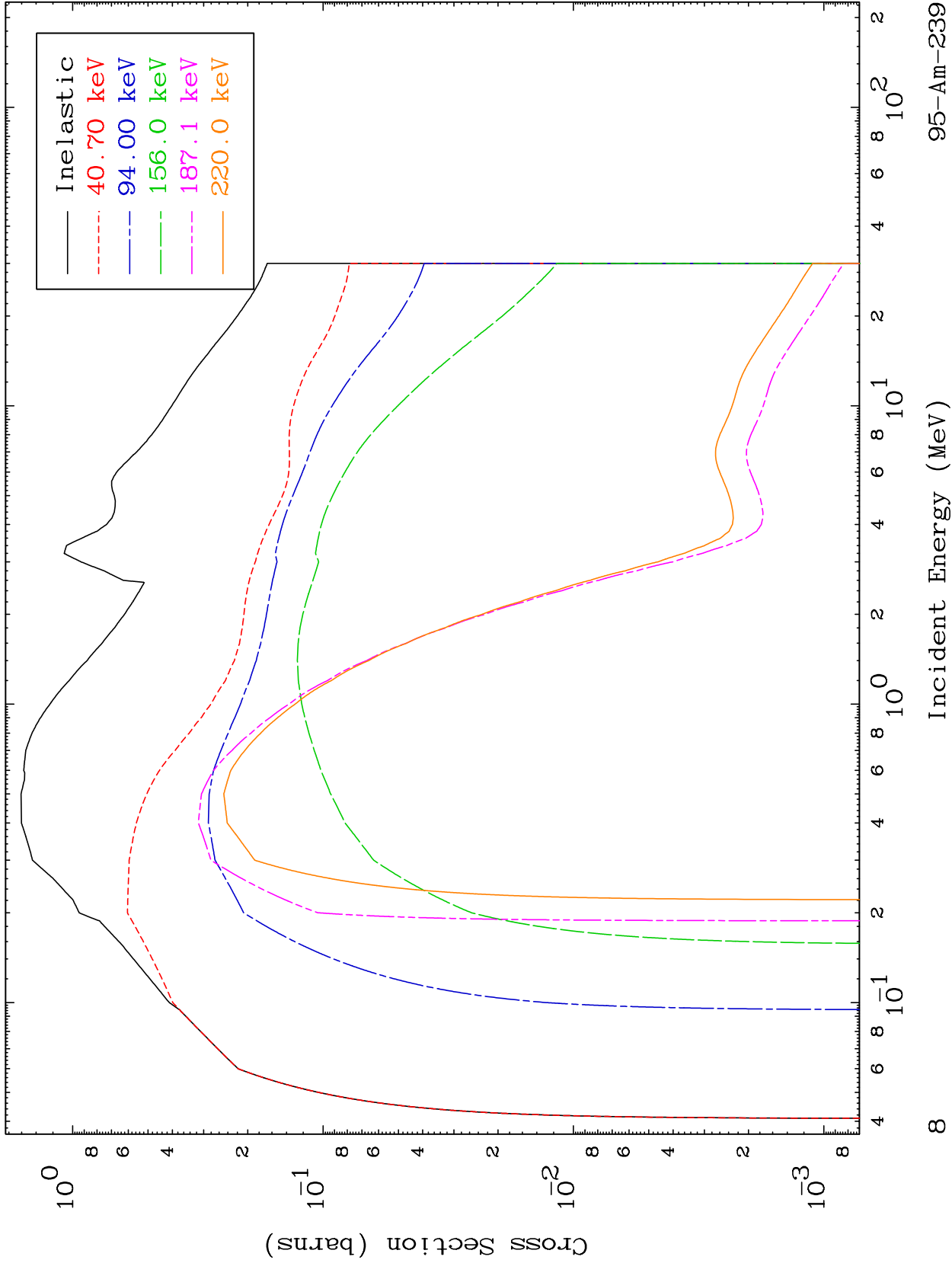




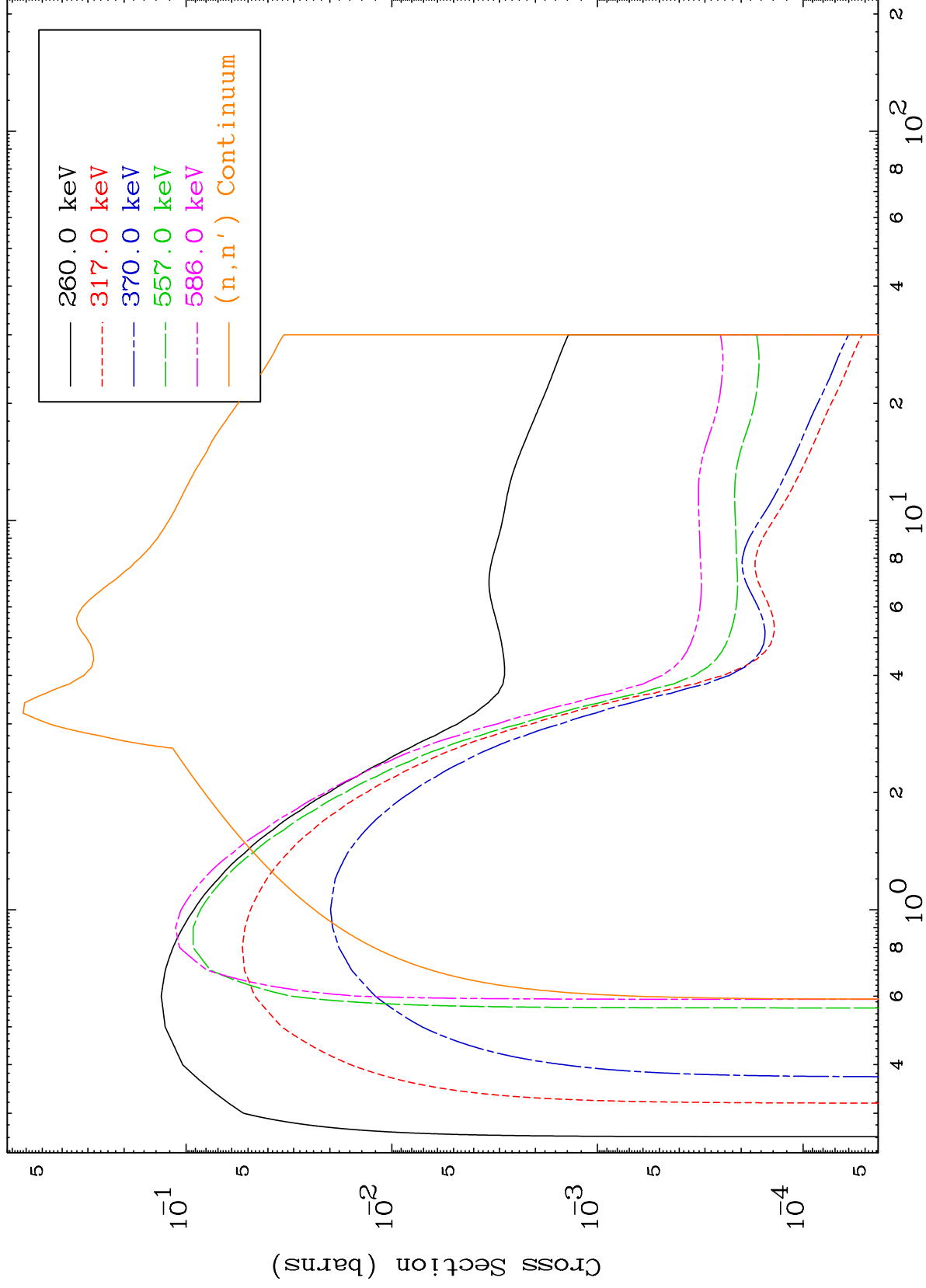
MAT 9537

(n,n') Level  
293 Kelvin Cross Sections

95-Am-239



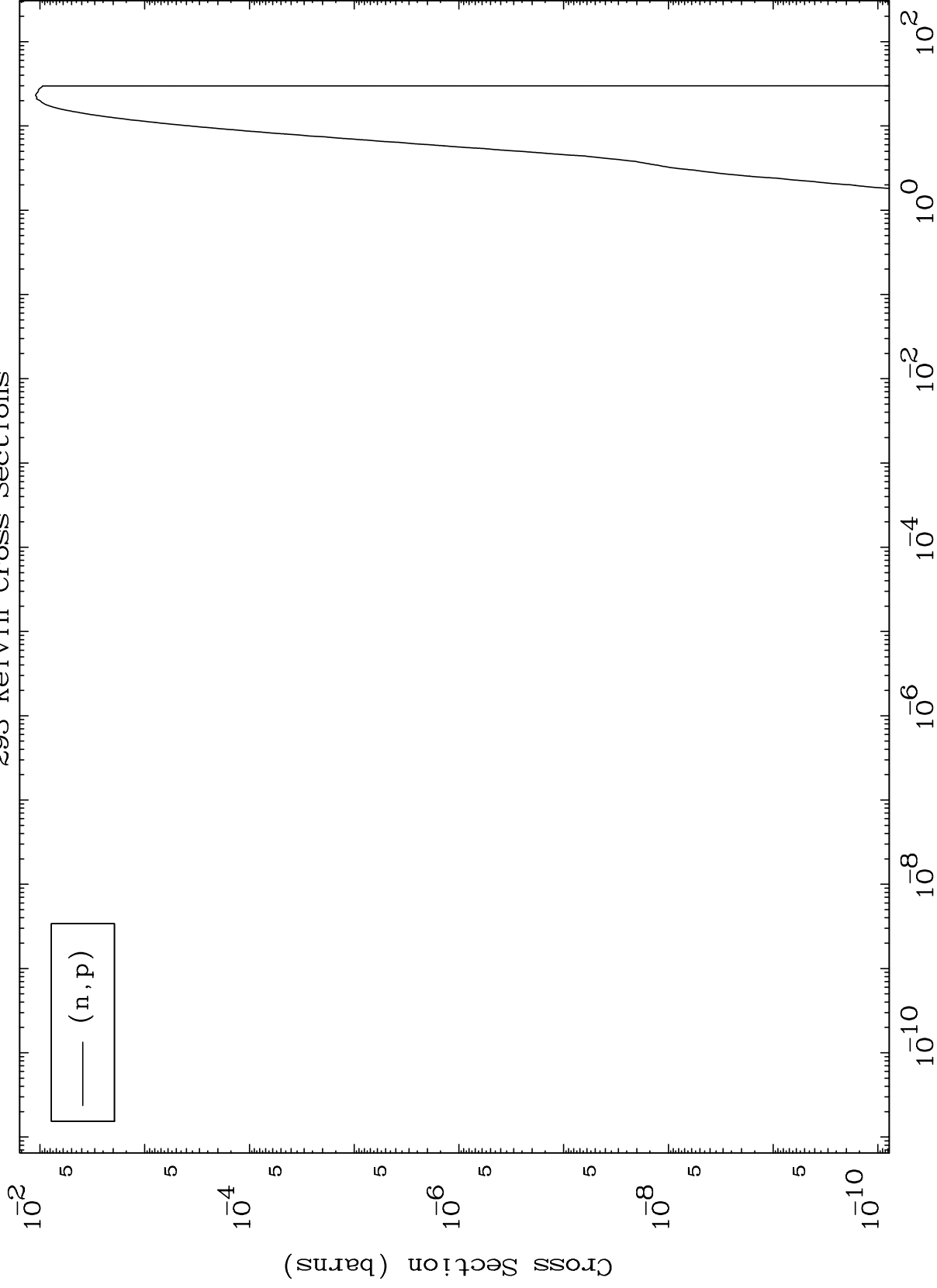
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

95-Am-239



10

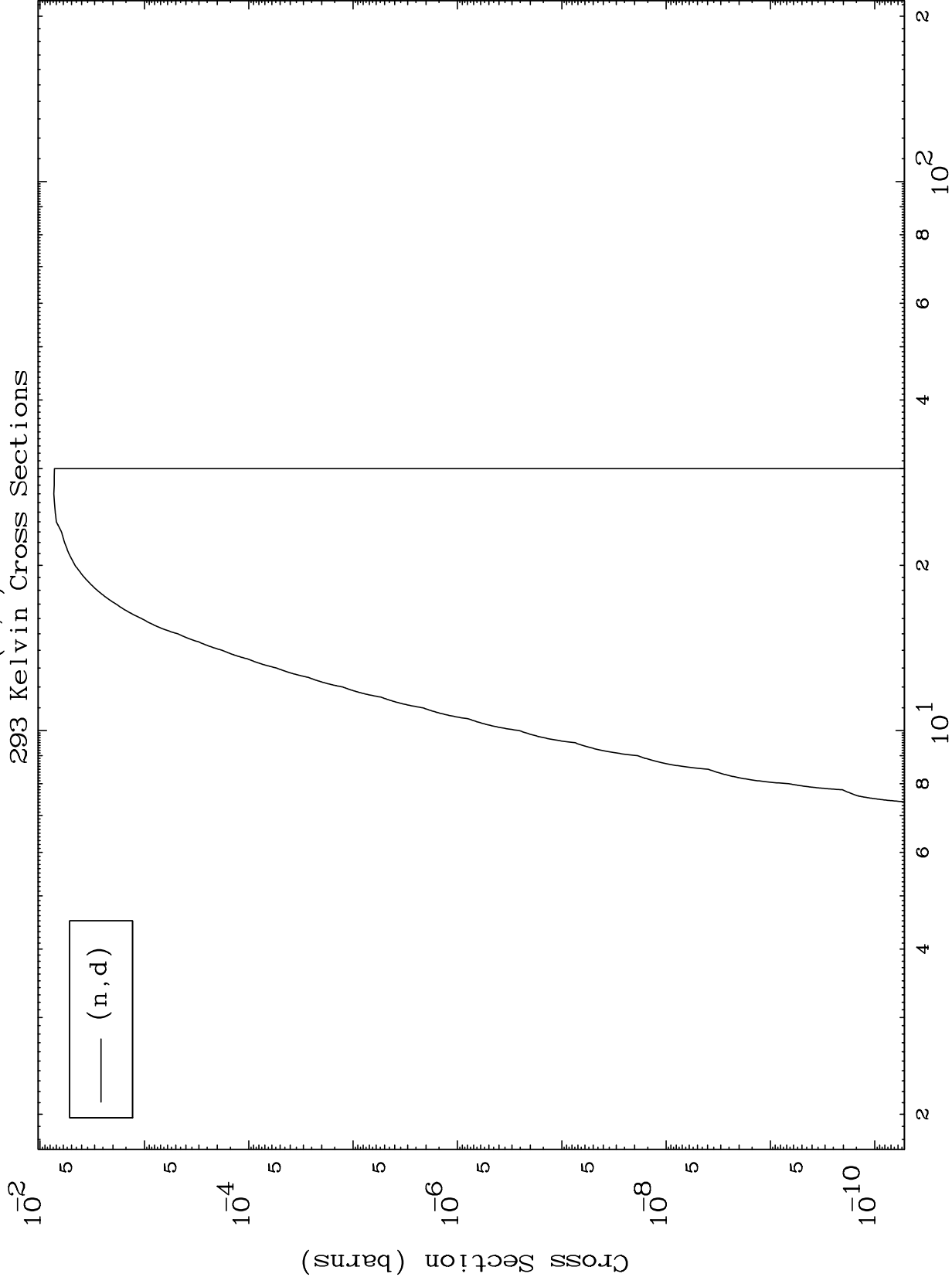
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,d) Levels  
293 Kelvin Cross Sections

95-Am-239



11

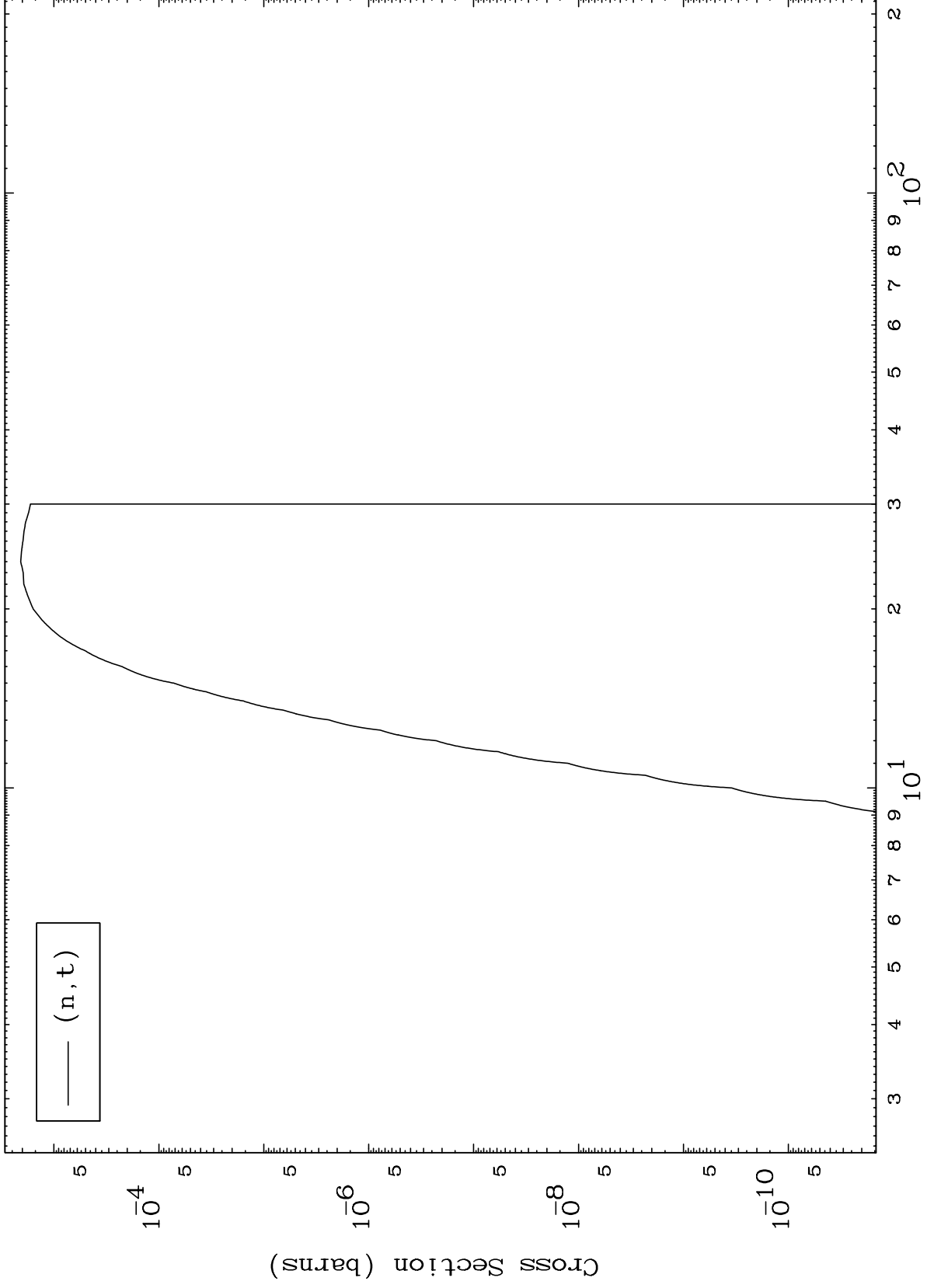
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,t) Levels  
293 Kelvin Cross Sections

95-Am-239



12

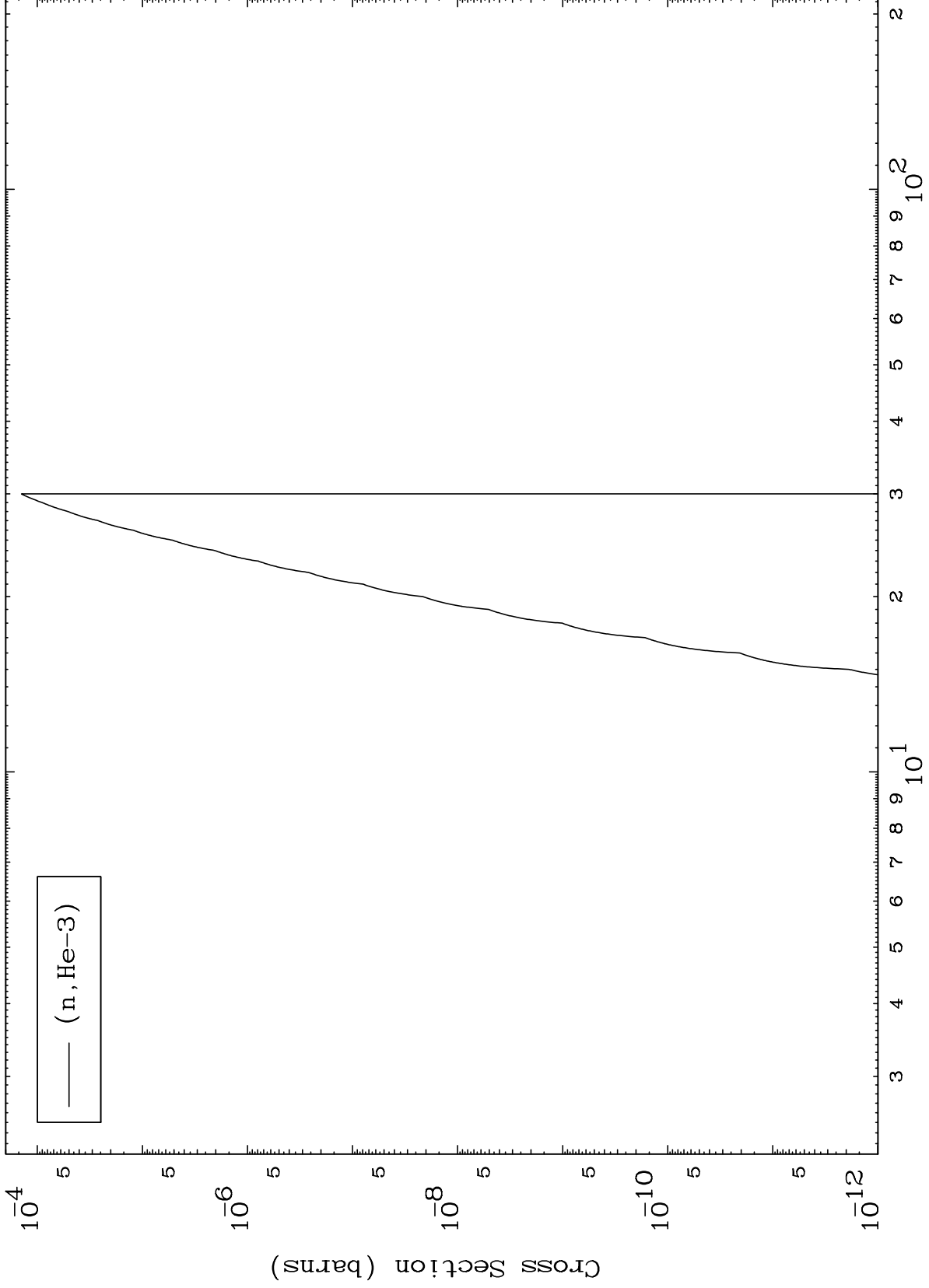
Incident Energy (MeV)

95-Am-239

MAT 9537

(n,He3) Levels  
293 Kelvin Cross Sections

95-Am-239



13

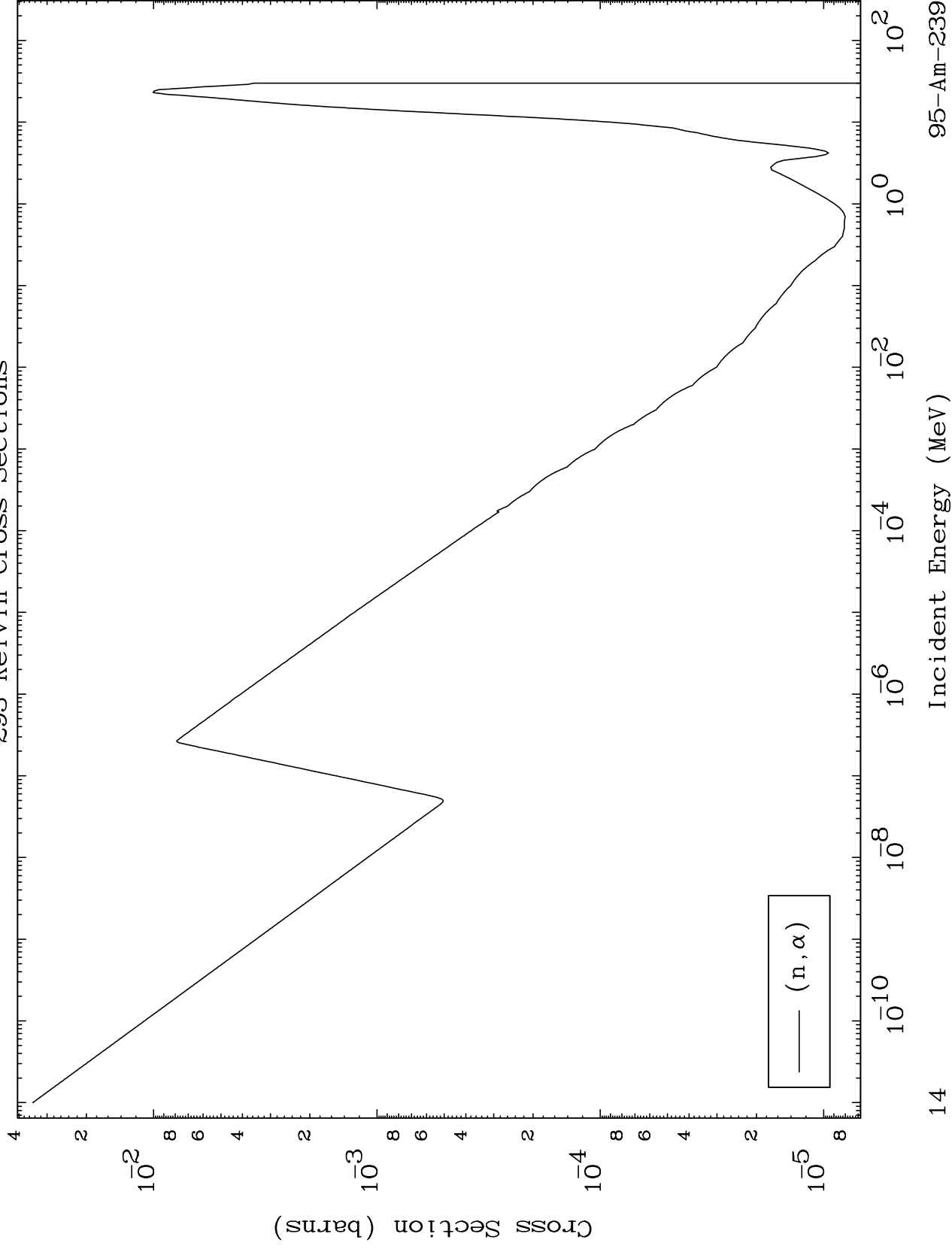
Incident Energy (MeV)

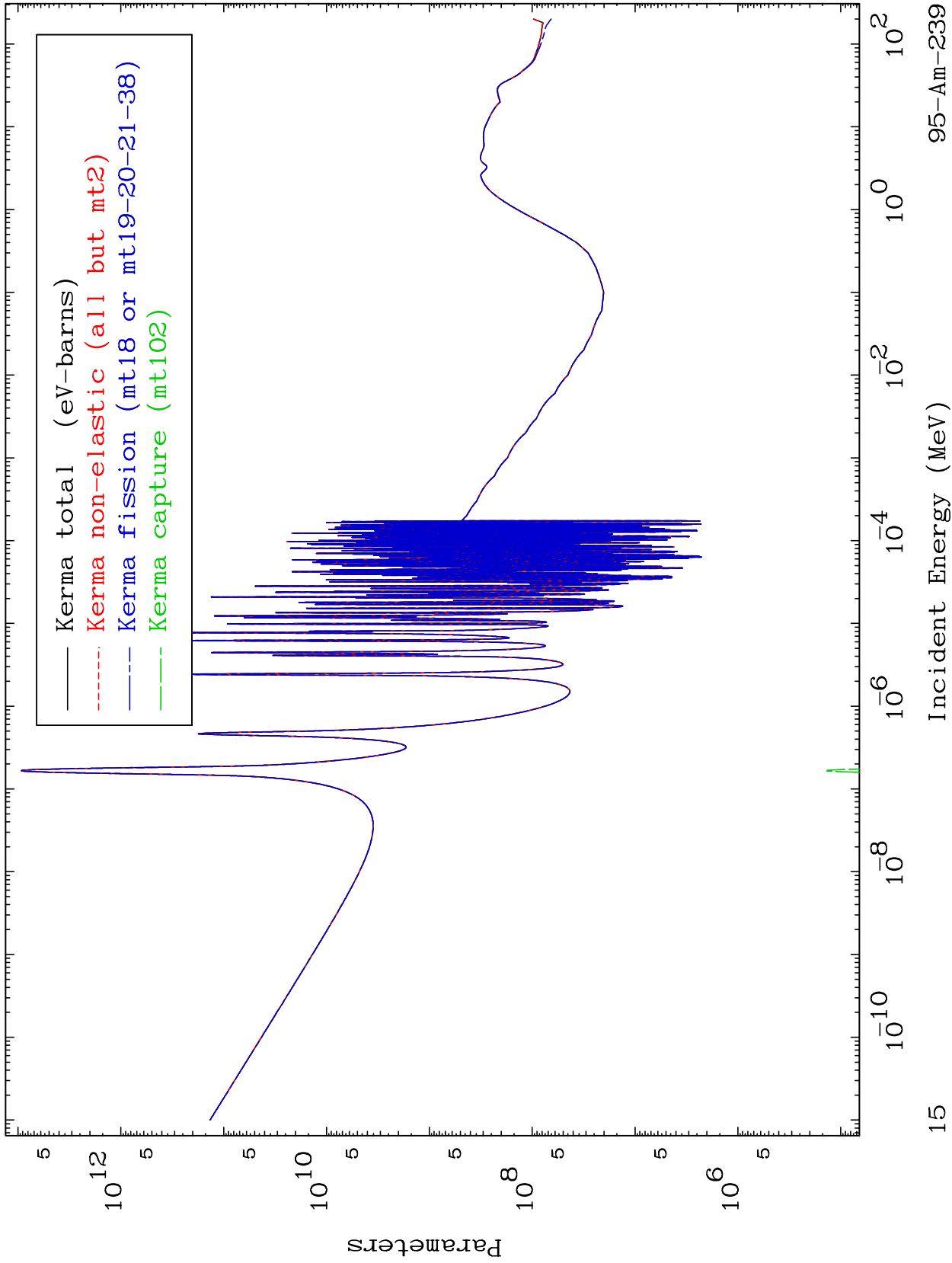
95-Am-239

MAT 9537

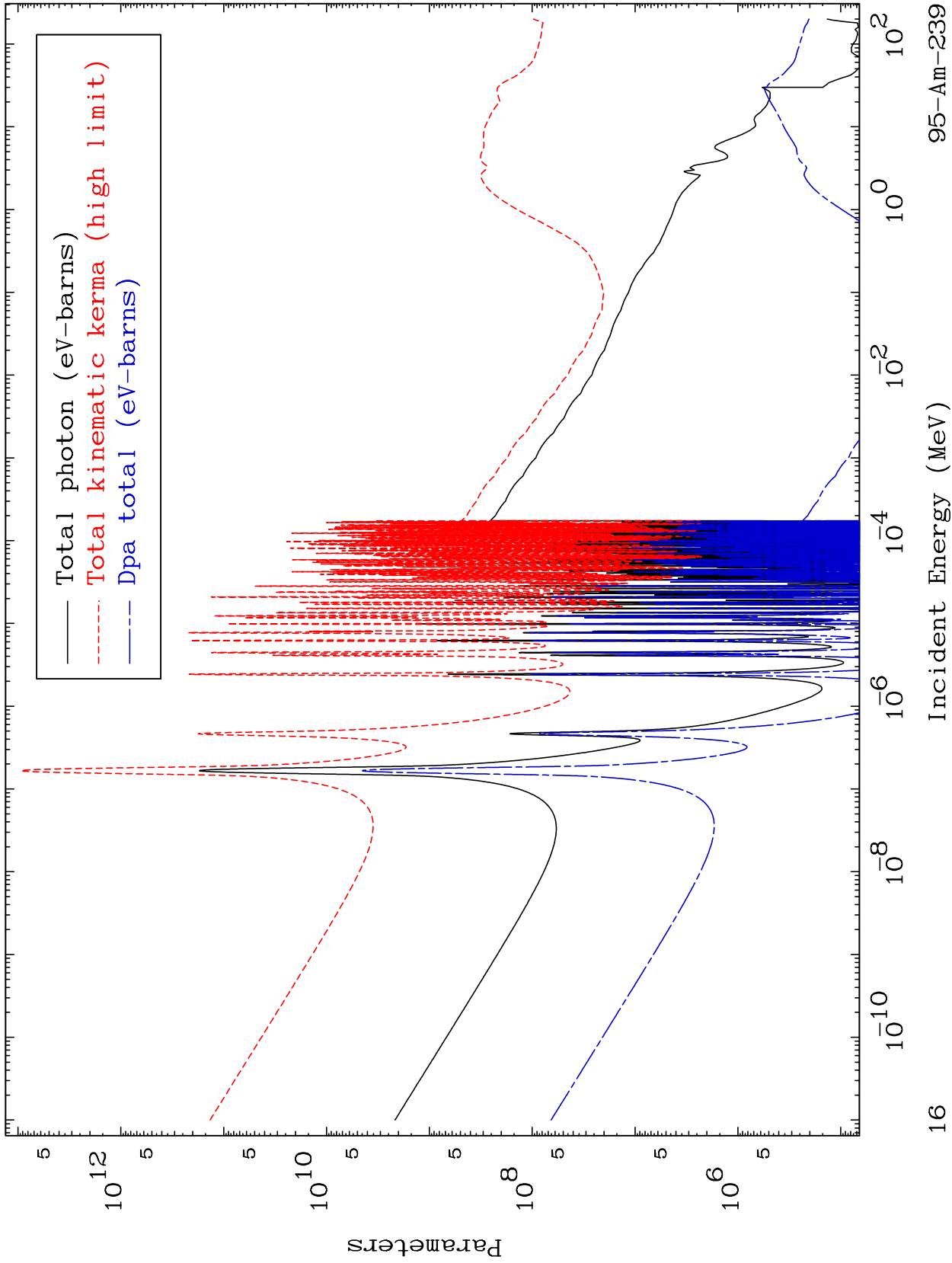
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

95-Am-239





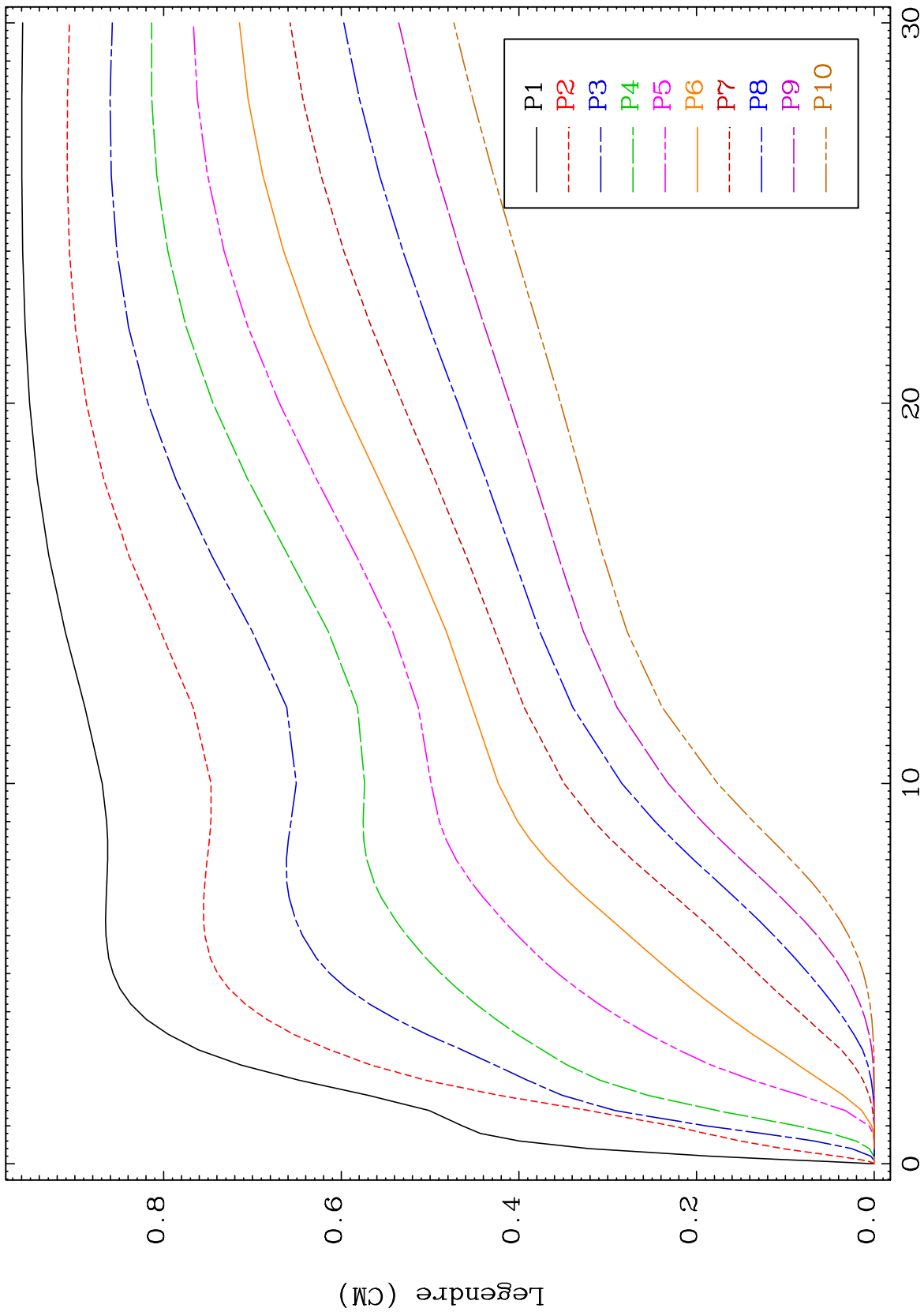




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95-Am-239

Elastic Legendre Coefficients



17

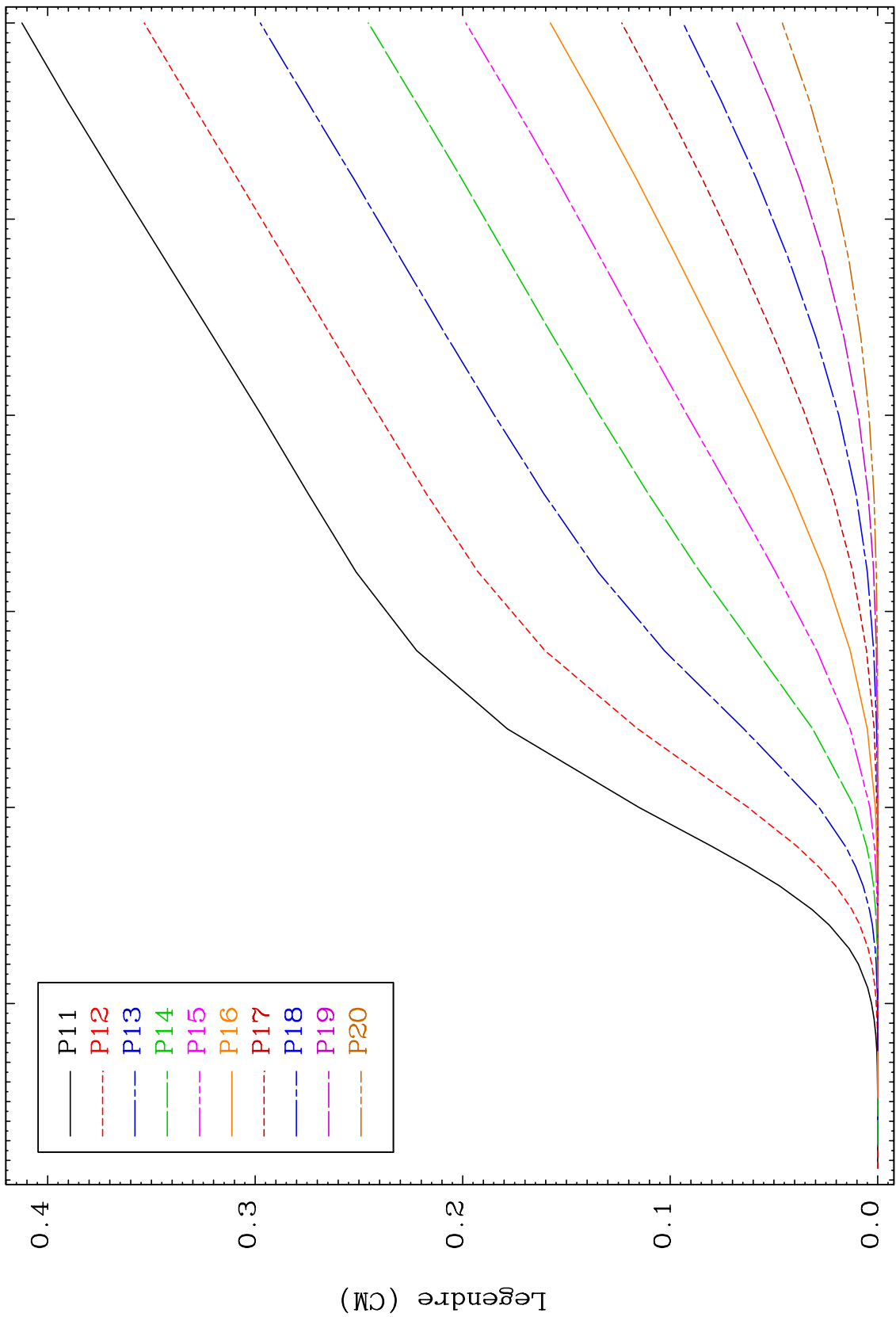
Incident Energy (MeV)

95-Am-239

MAT 9537

Elastic Legendre Coefficients

95-Am-239



18

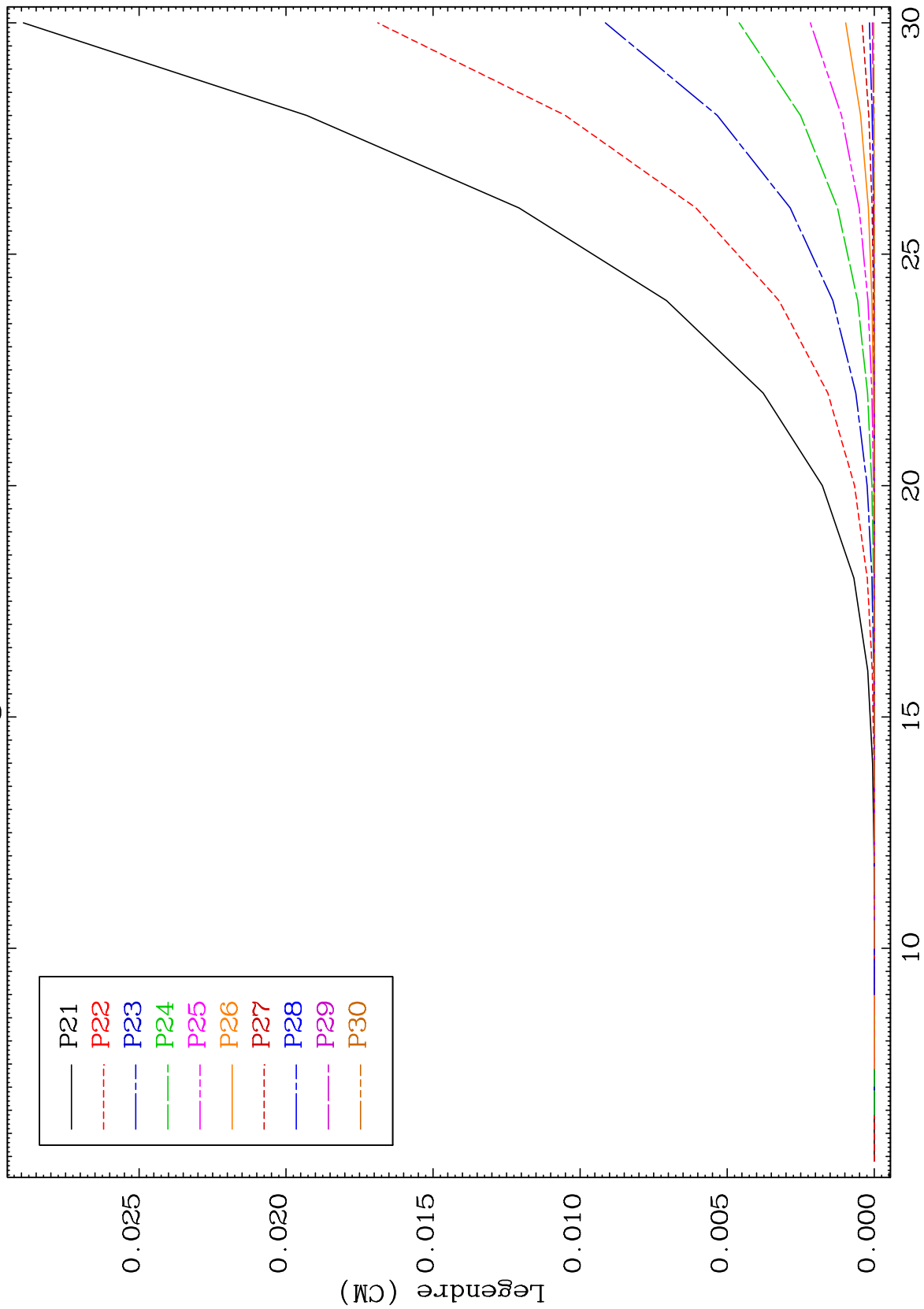
Incident Energy (MeV)

95-Am-239

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### Elastic Legendre Coefficients

95-Am-239



19

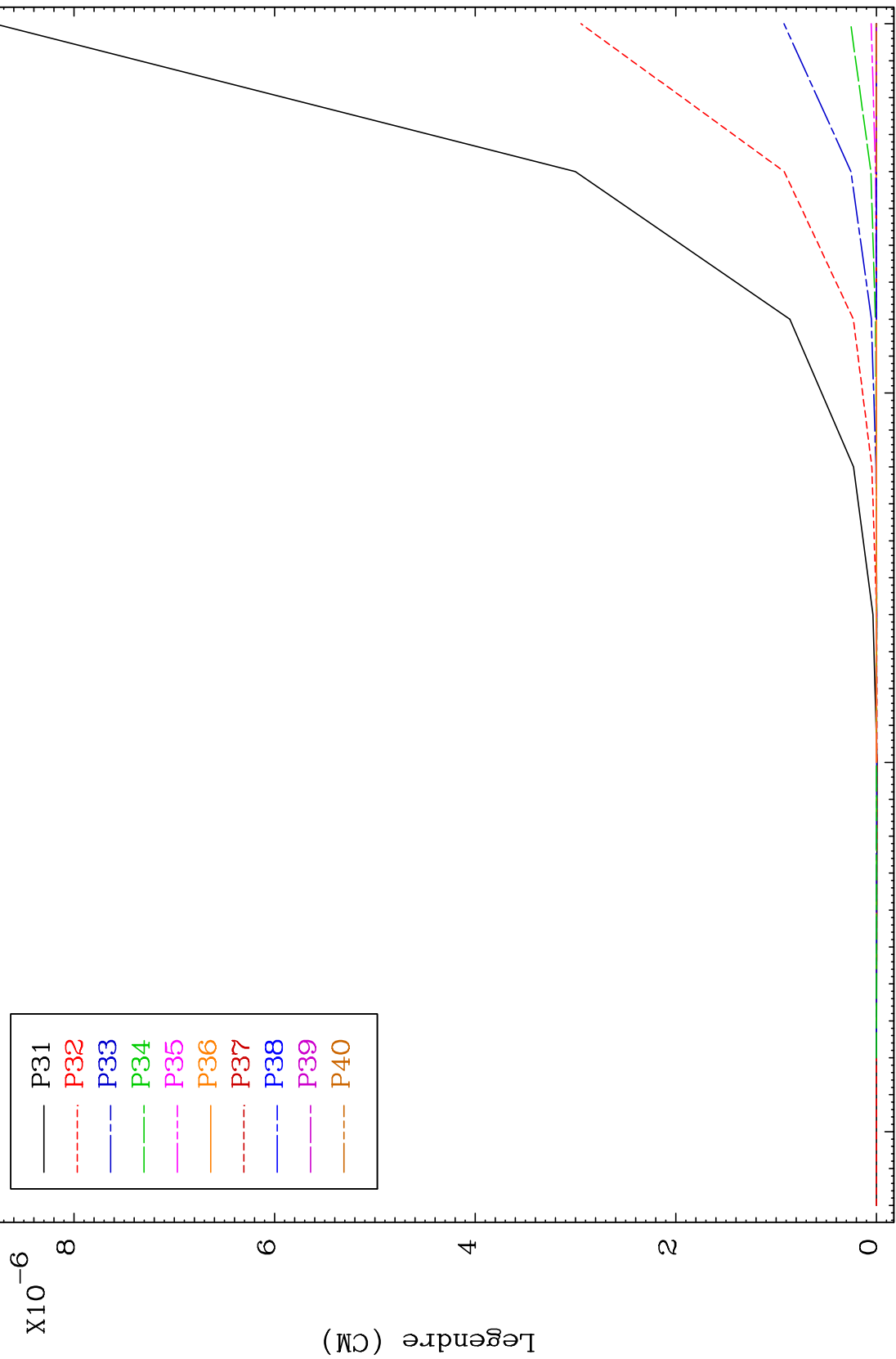
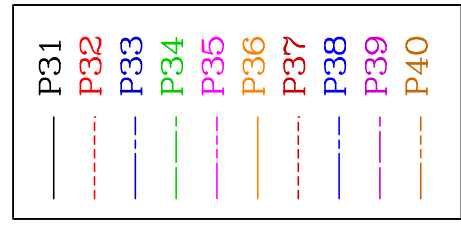
Incident Energy (MeV)

95-Am-239

MAT 9537

Elastic Legendre Coefficients

95-Am-239

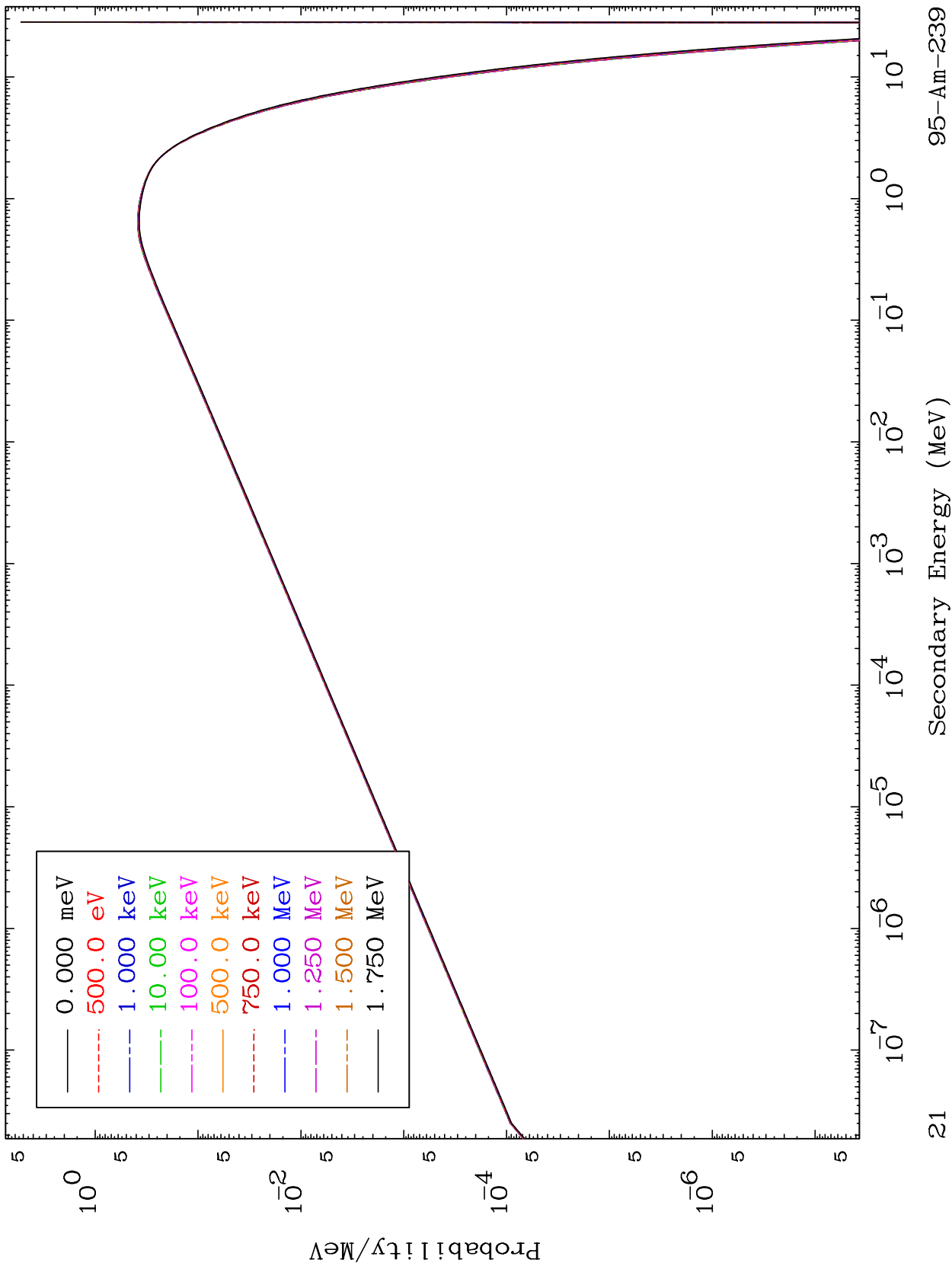


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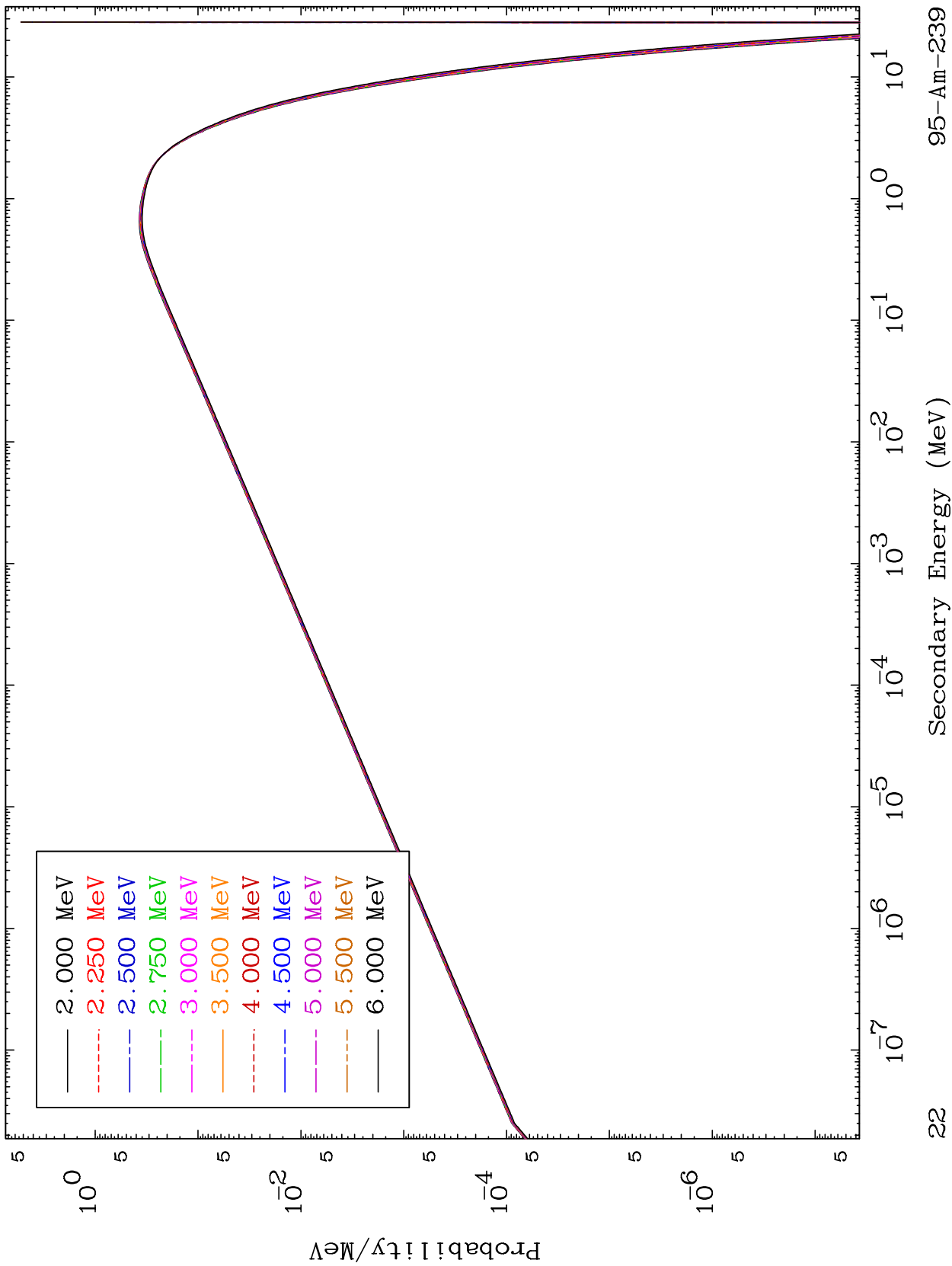
Incident Energy (MeV)

95-Am-239

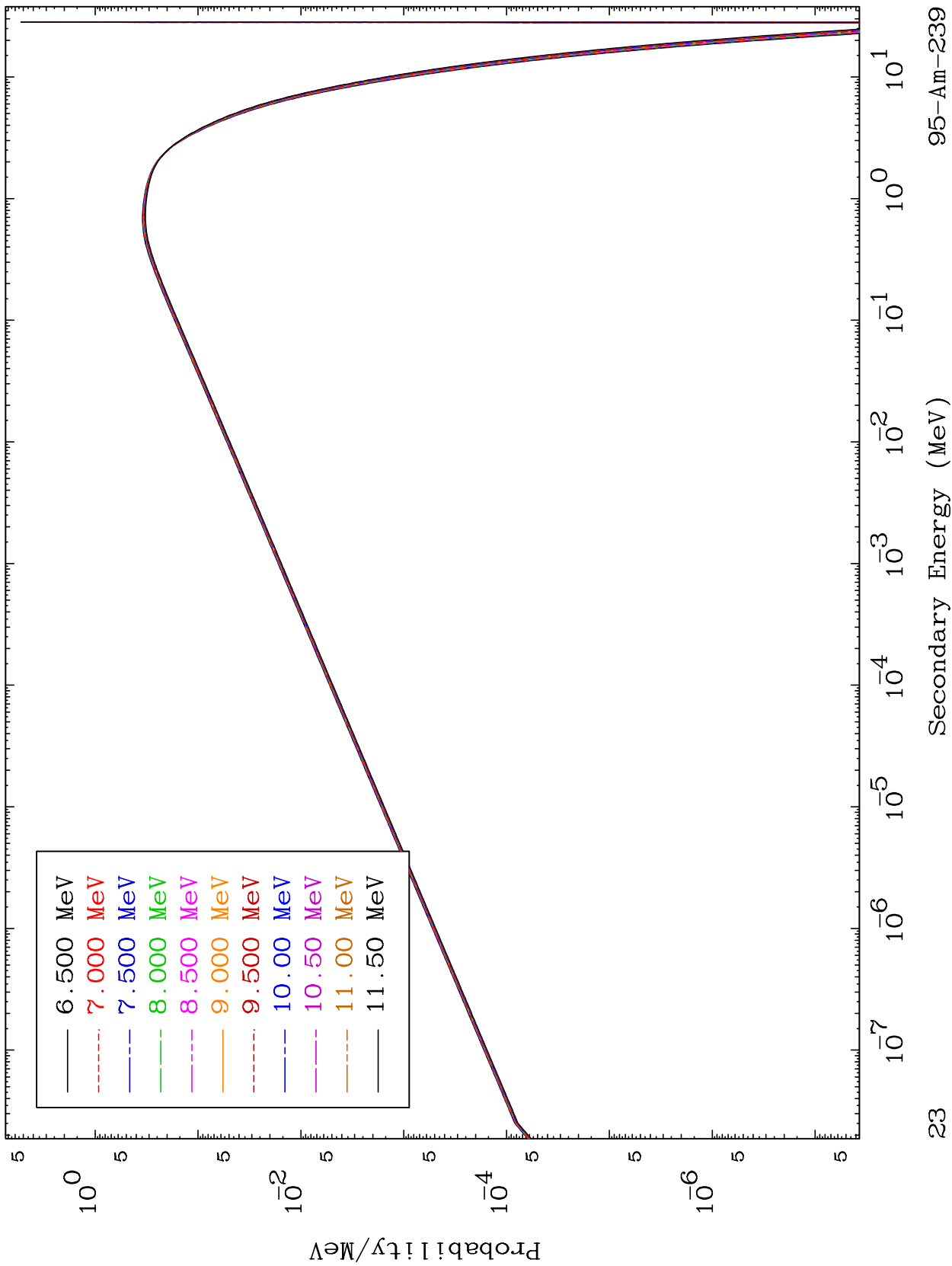
Fission Energy Distribution



Fission Energy Distribution

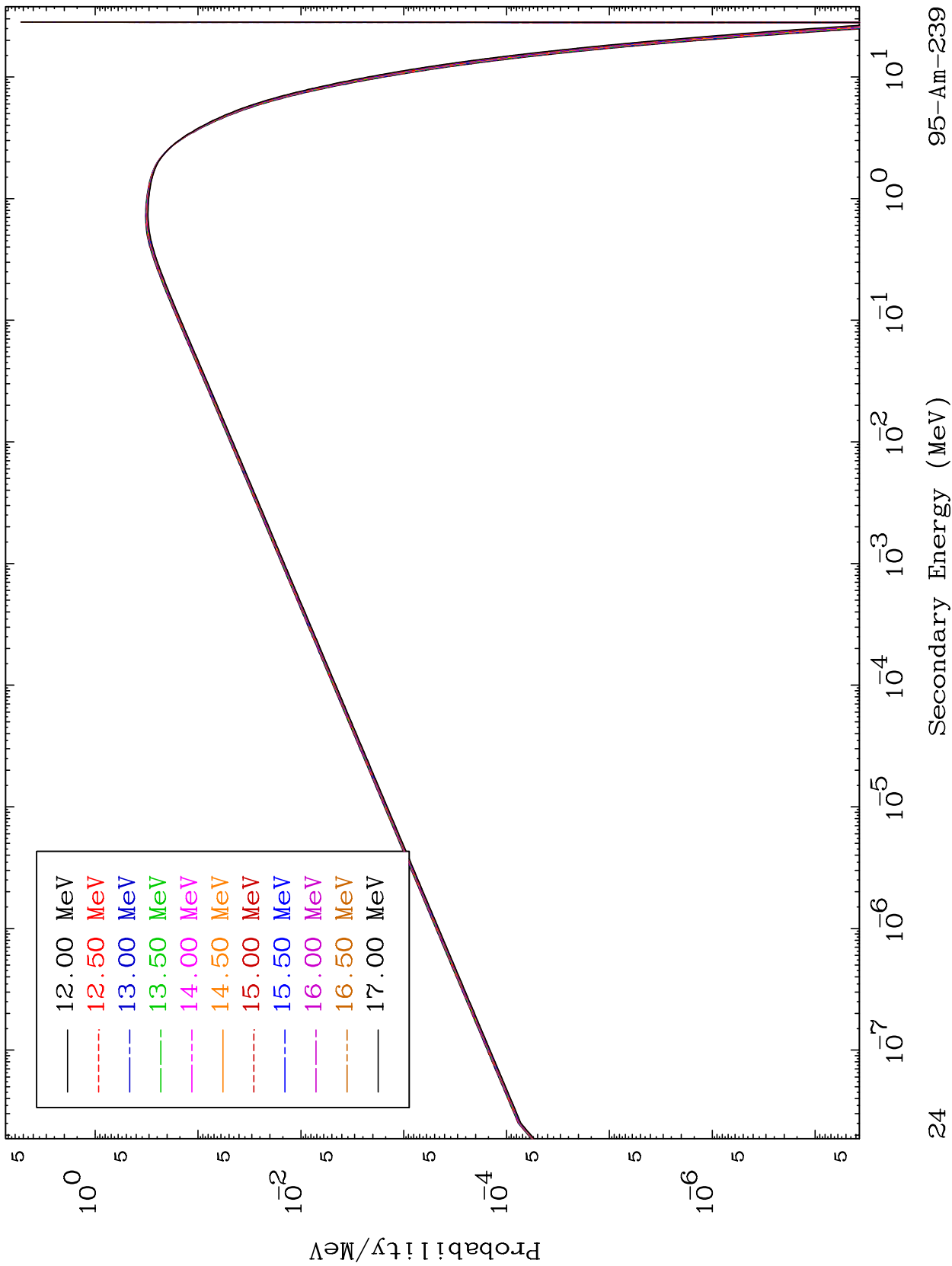


Fission Energy Distribution

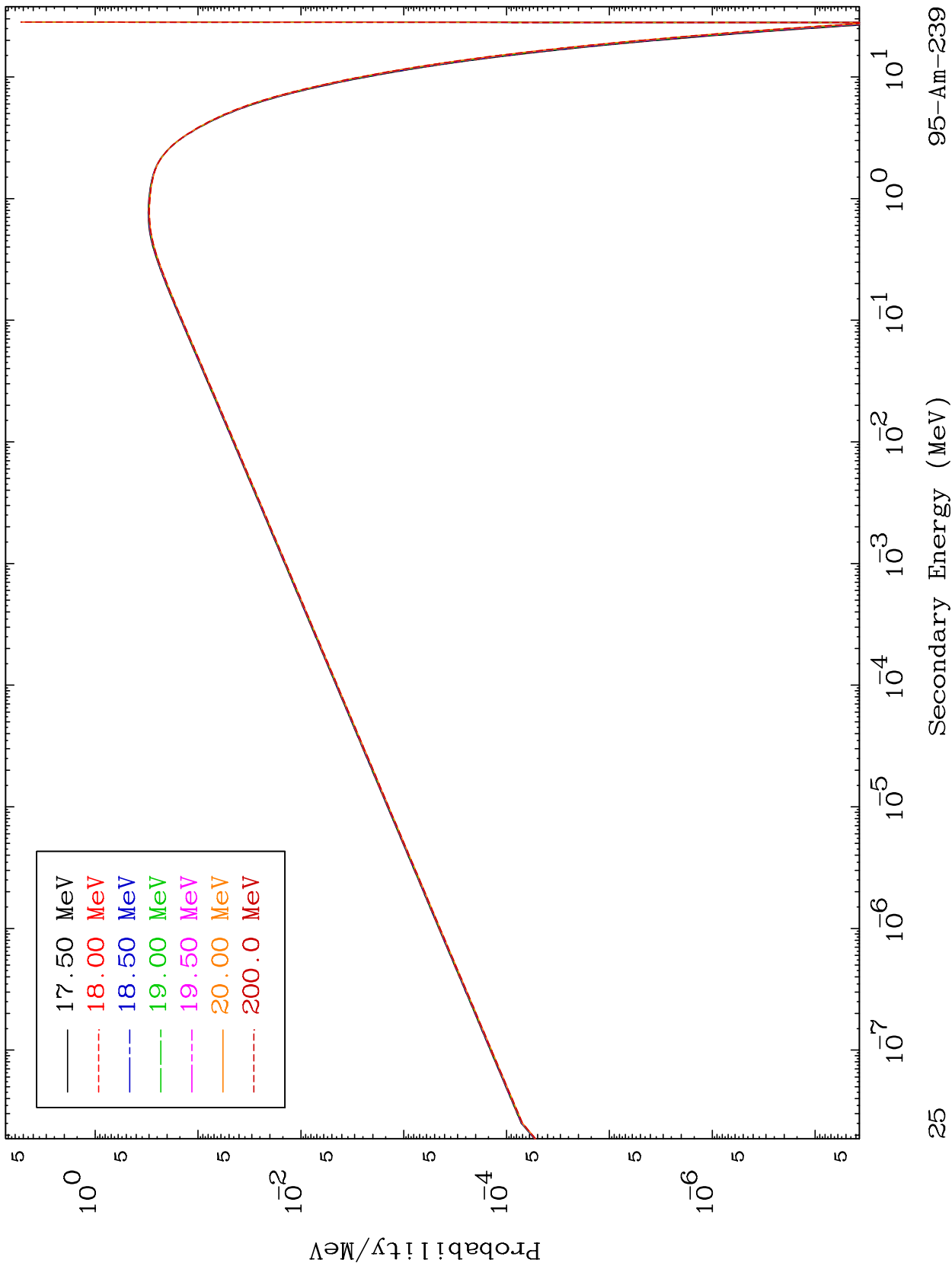




Fission Energy Distribution



Fission  
Energy Distribution

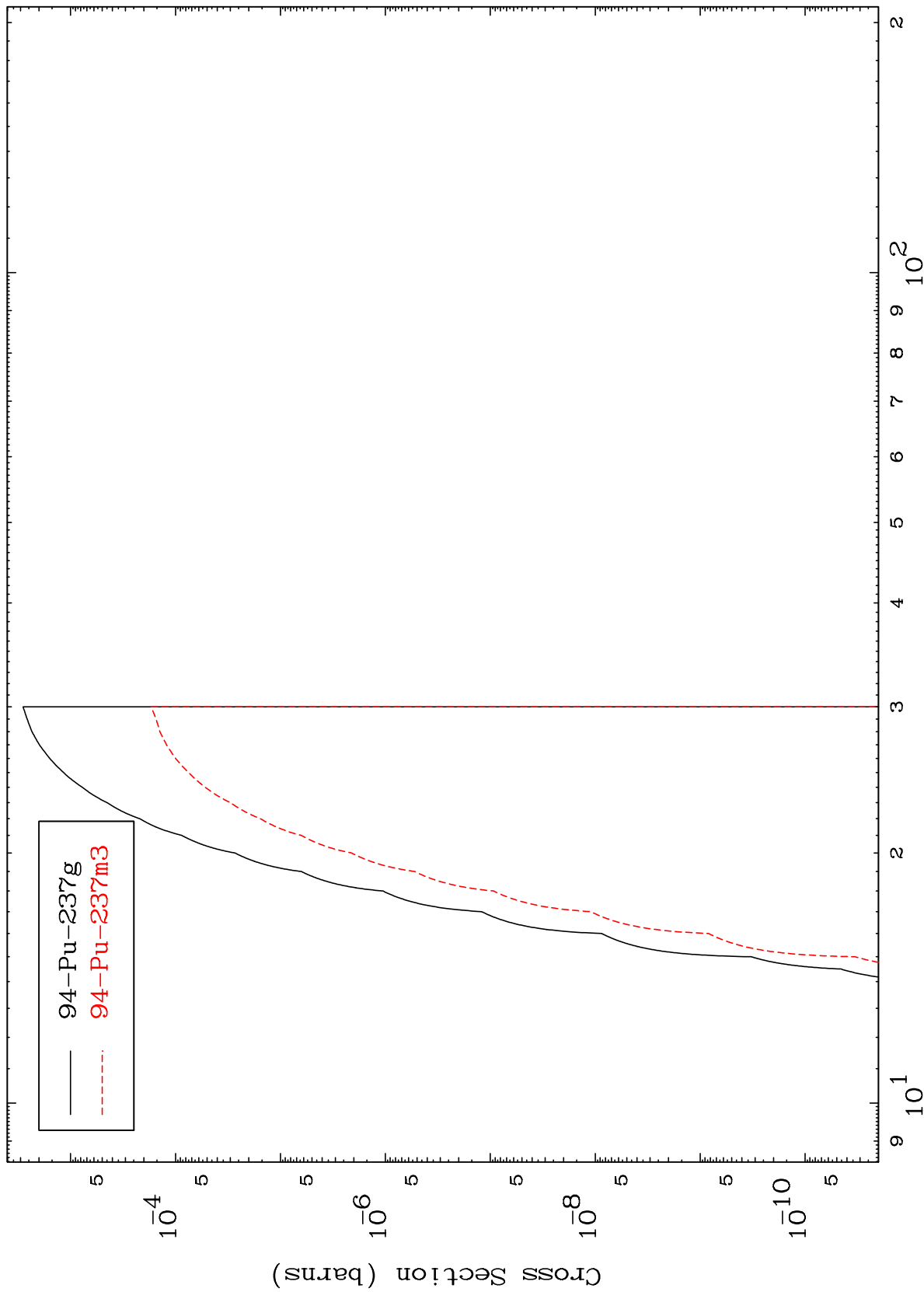


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(n,n') d

95-Am-239

Radionuclide Production Cross Section



94-Pu-237g  
94-Pu-237m3

26

Incident Energy (MeV)

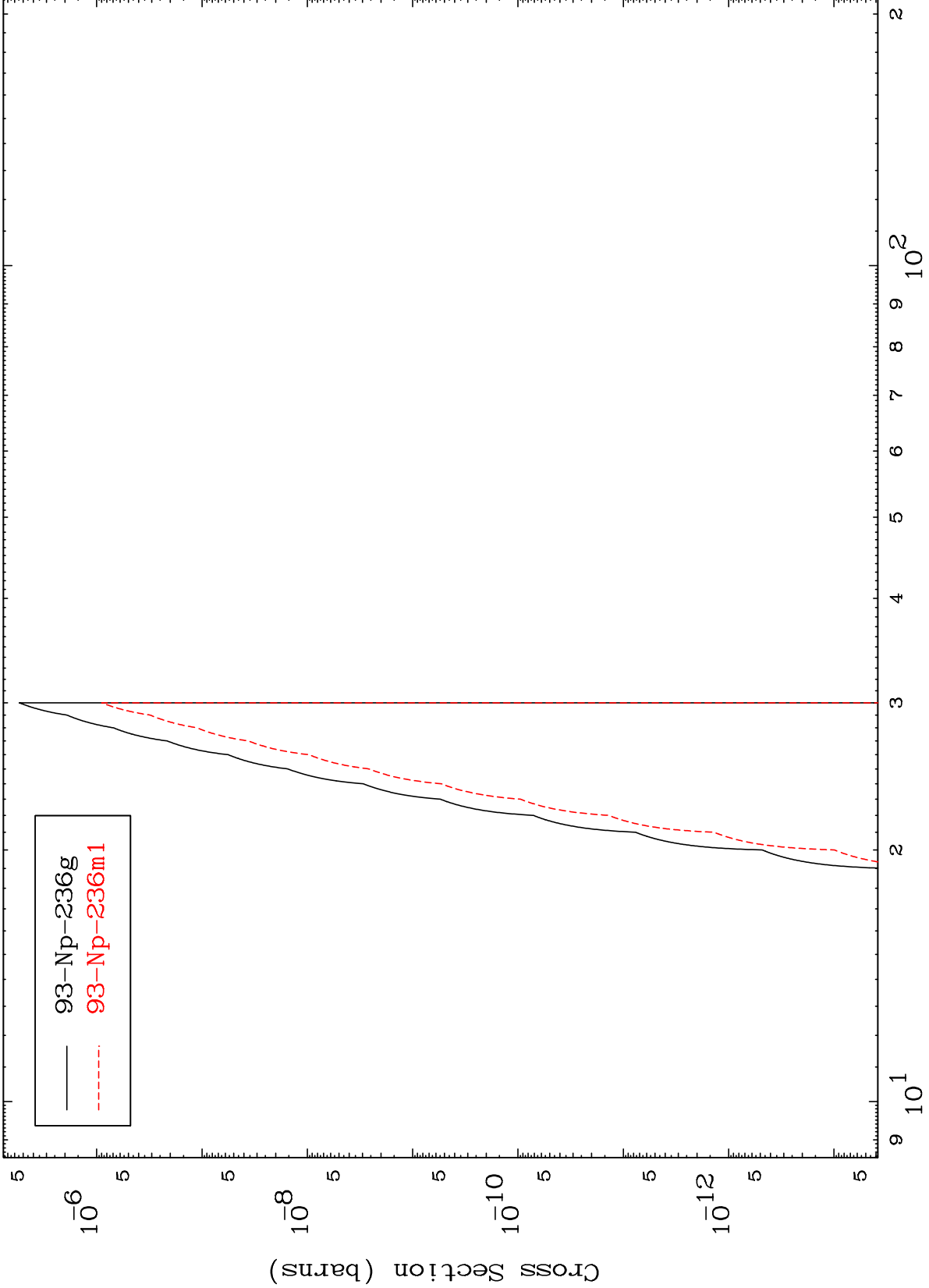
95-Am-239

MAT 9537

(n,n') He-3

95-Am-239

Radionuclide Production Cross Section



93-Np-236g  
93-Np-236m1

27

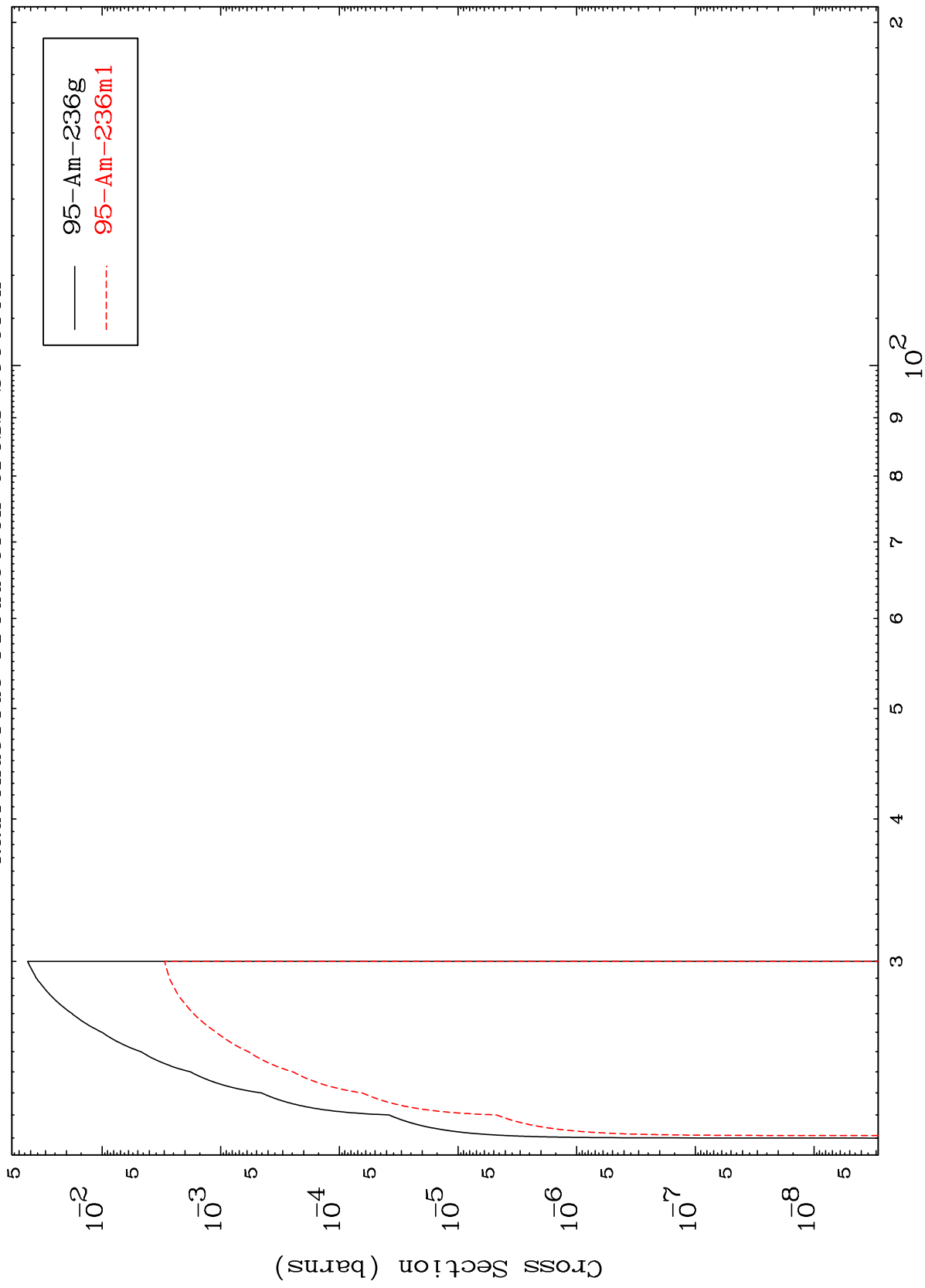
Incident Energy (MeV)

95-Am-239

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95-Am-239

(n,4n)  
Radionuclide Production Cross Section



28

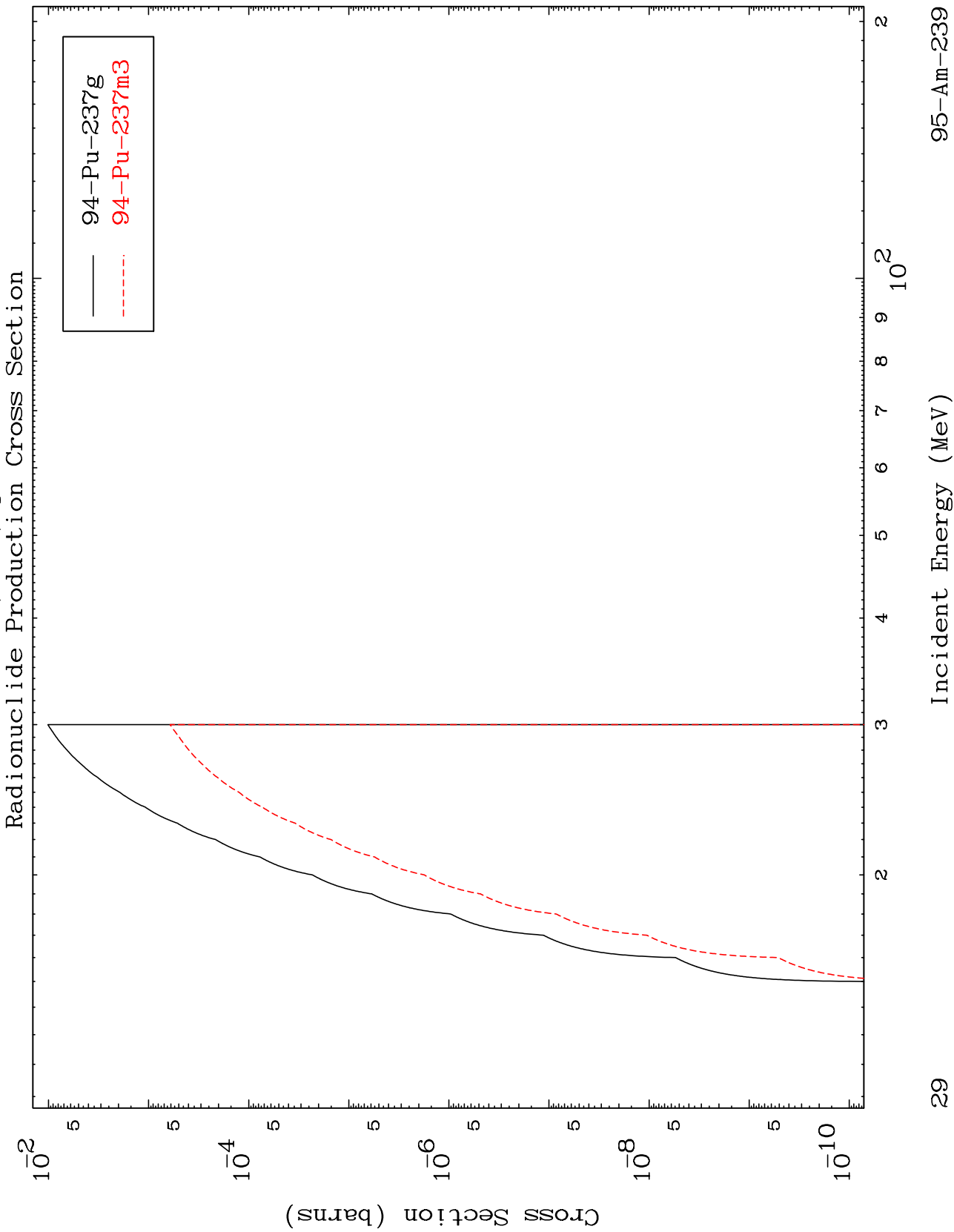
Incident Energy (MeV)

95-Am-239

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(n,2n) p

95-Am-239



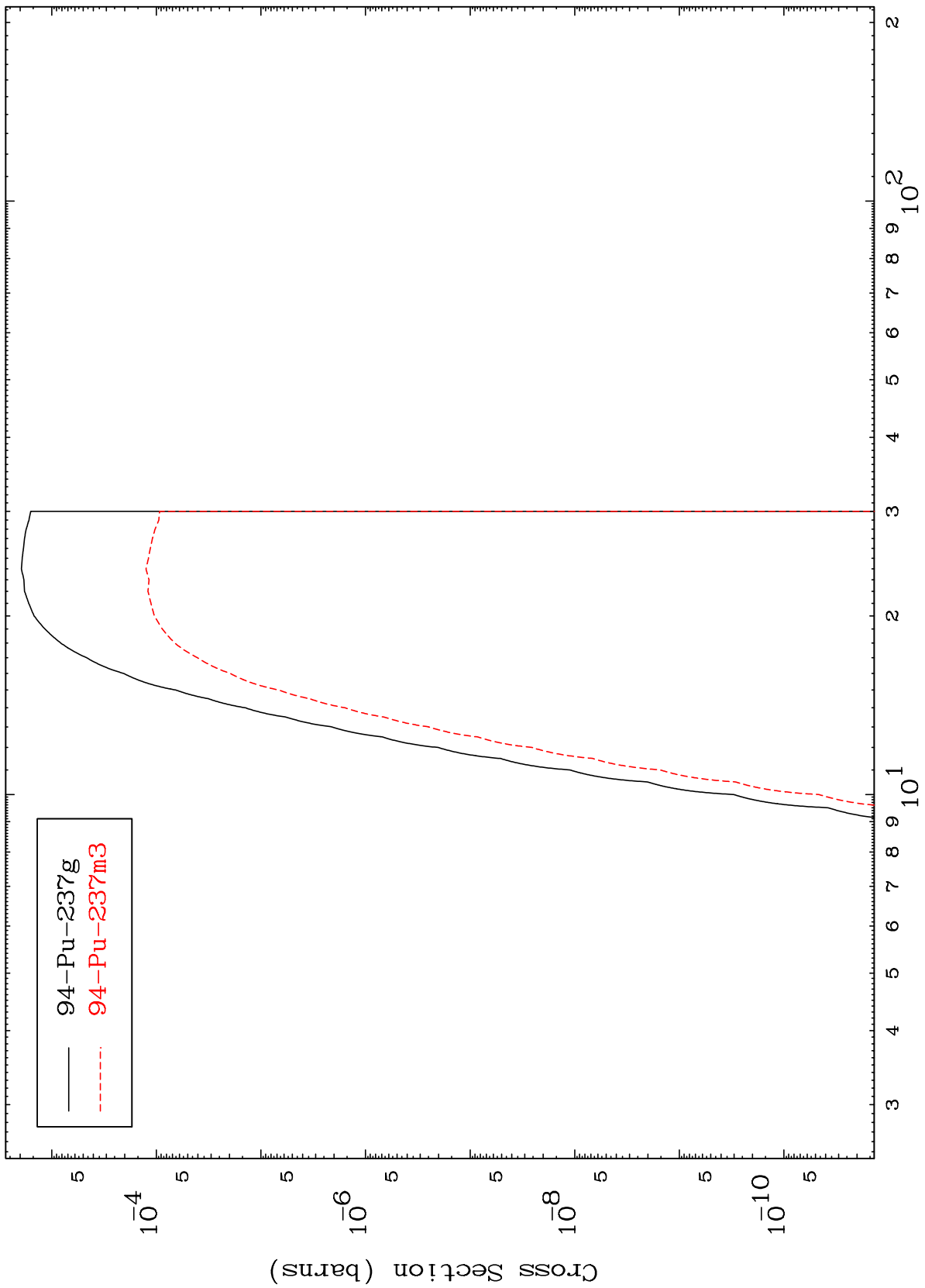
29

95-Am-239

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95-Am-239

Radionuclide Production Cross Section



30

Incident Energy (MeV)

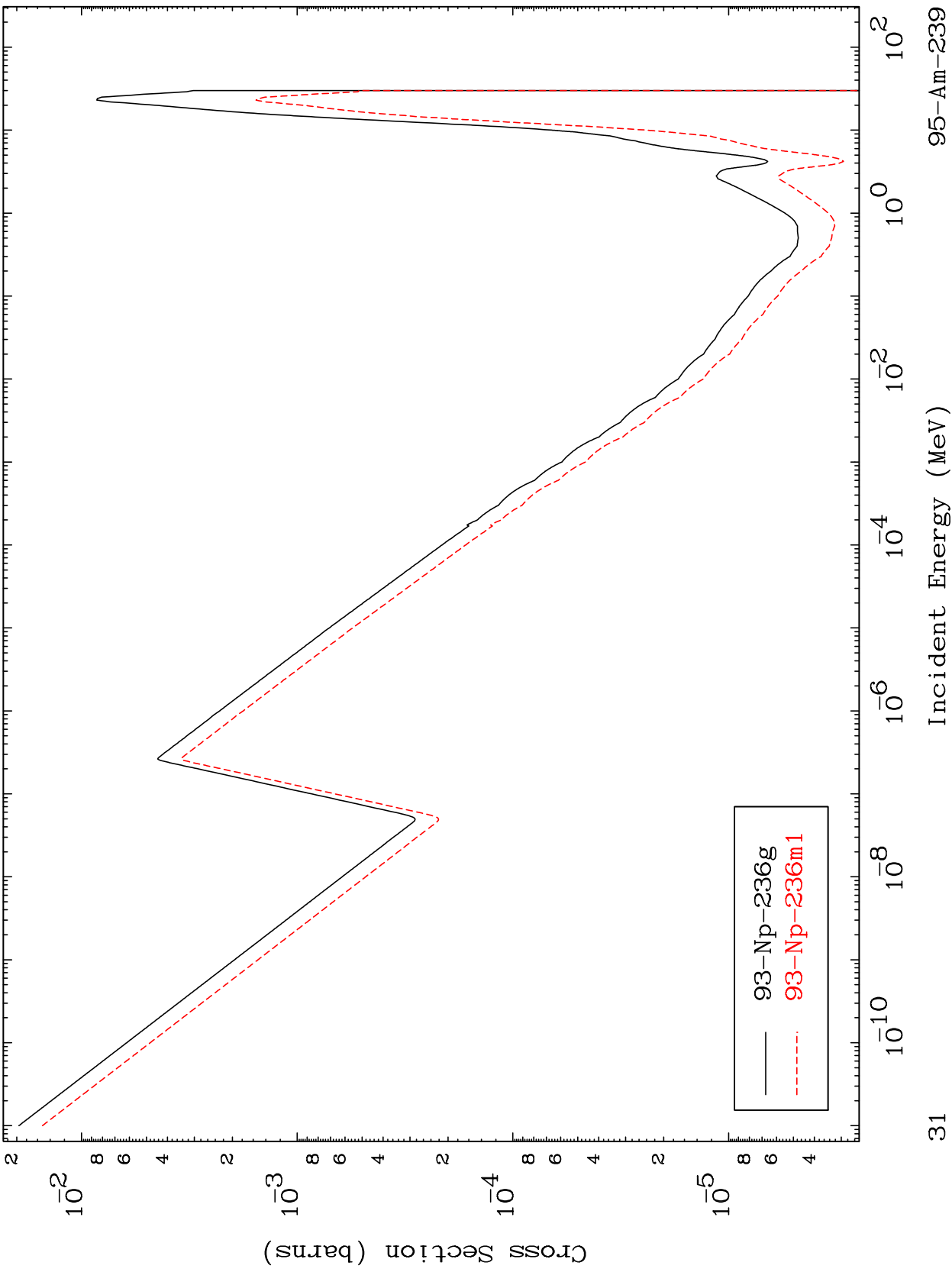
95-Am-239

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95-Am-239

Radionuclide Production Cross Section

(n,  $\alpha$ )



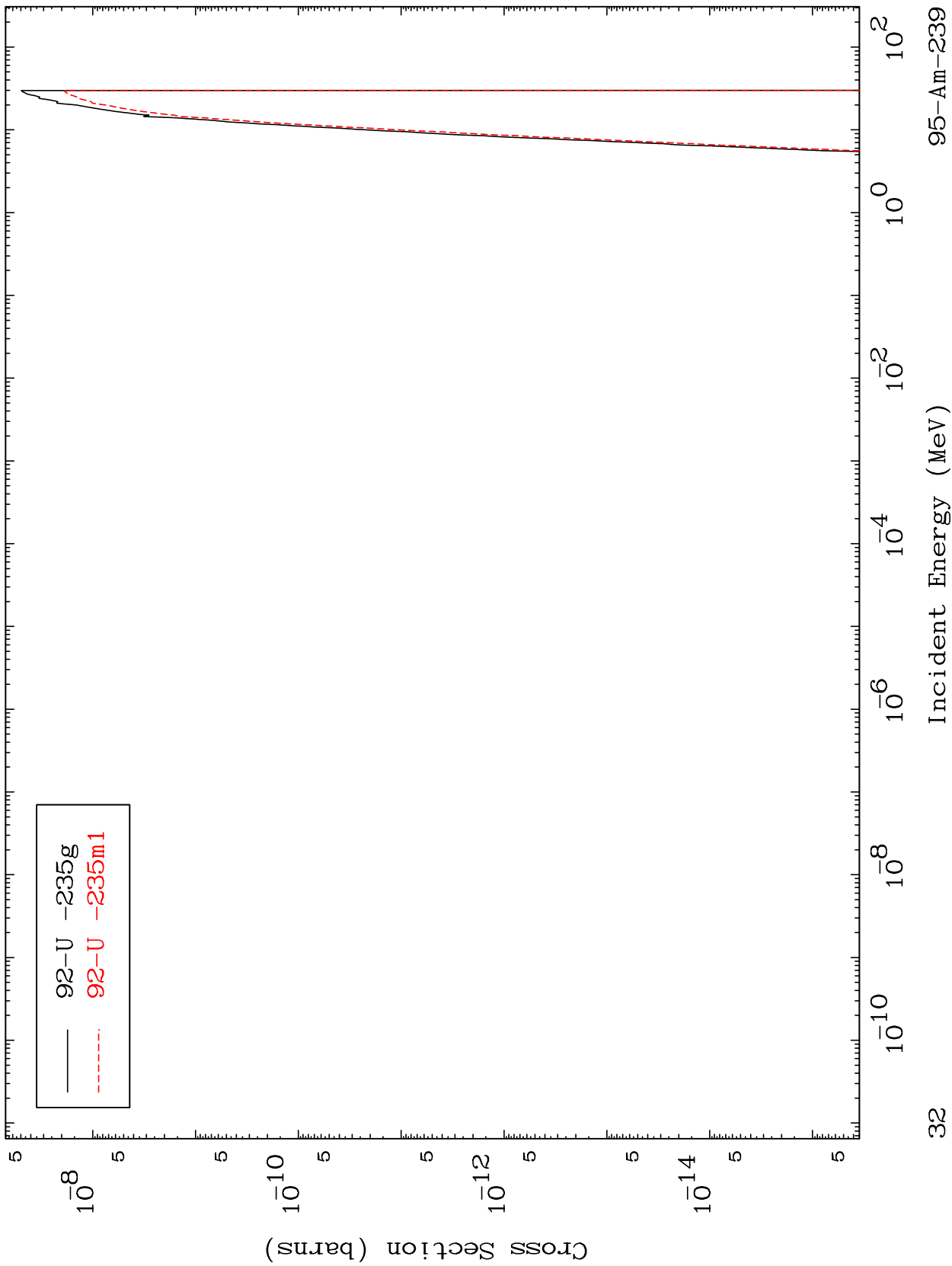


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(n,p)  $\alpha$

95-Am-239

Radionuclide Production Cross Section



32

Incident Energy (MeV)

95-Am-239