

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

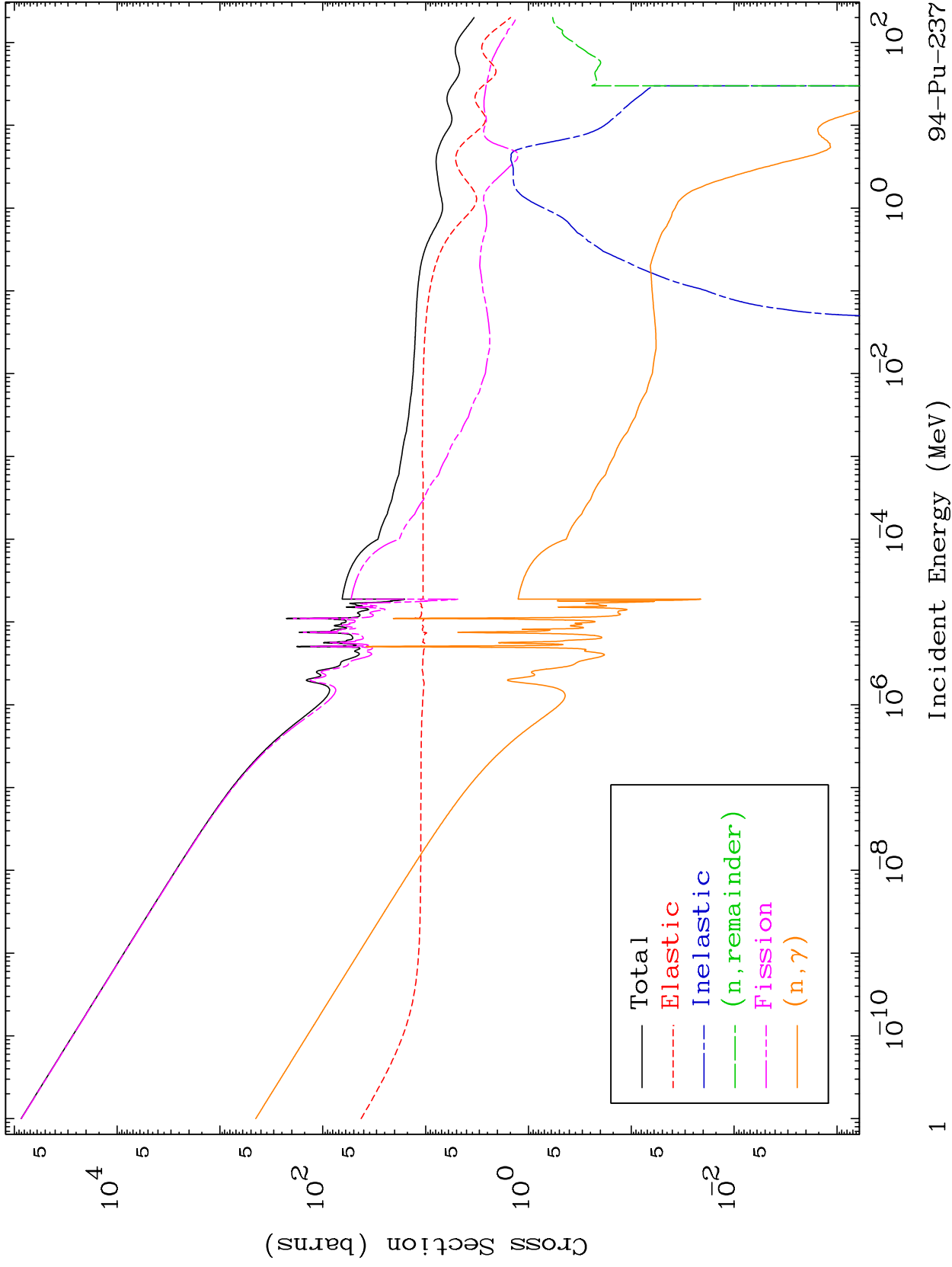
Press Mouse Button to Start

MAT 9431

Major

293 Kelvin Cross Sections

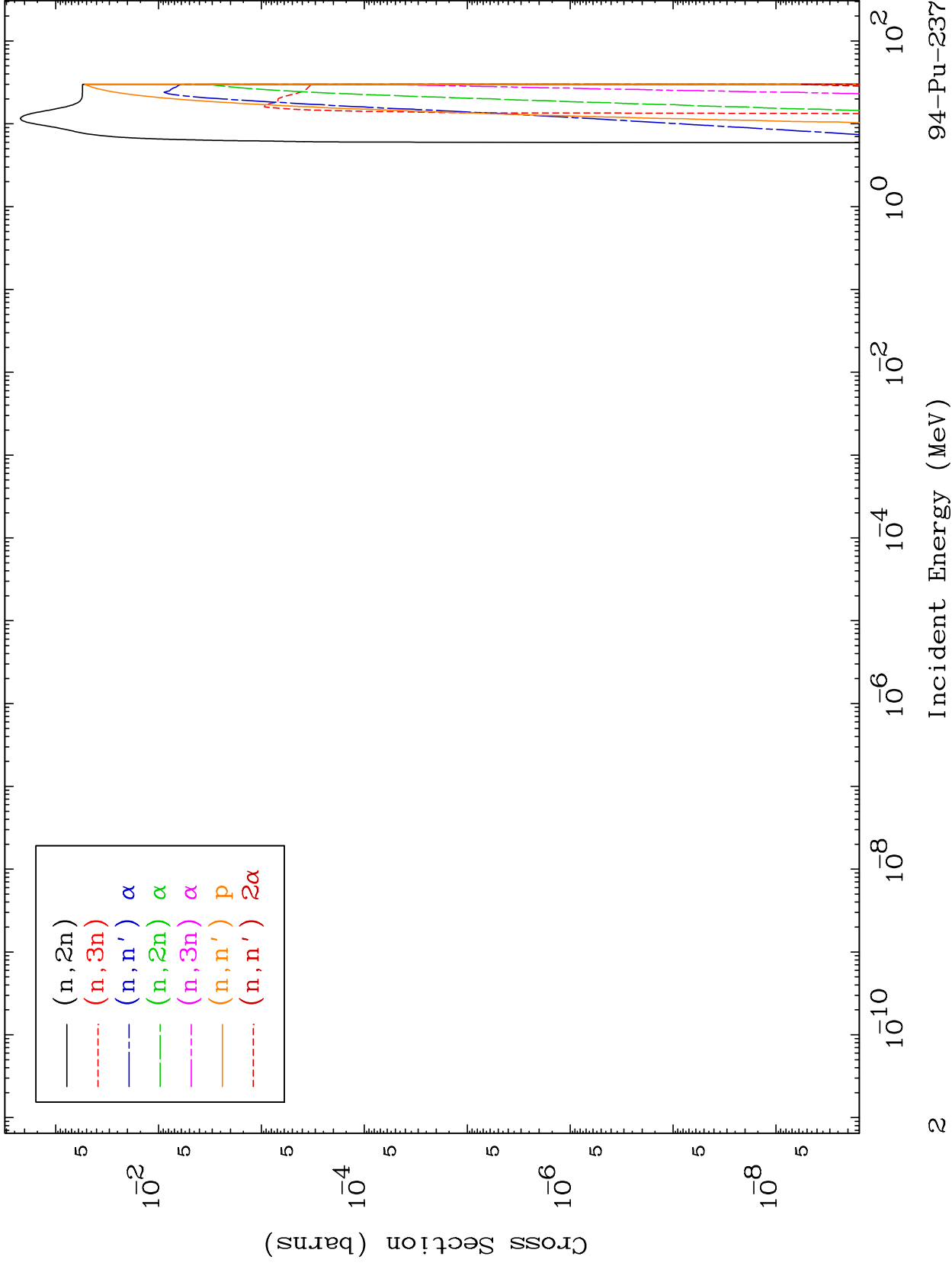
94-Pu-237



MAT 9431

Neutron Production  
293 Kelvin Cross Sections

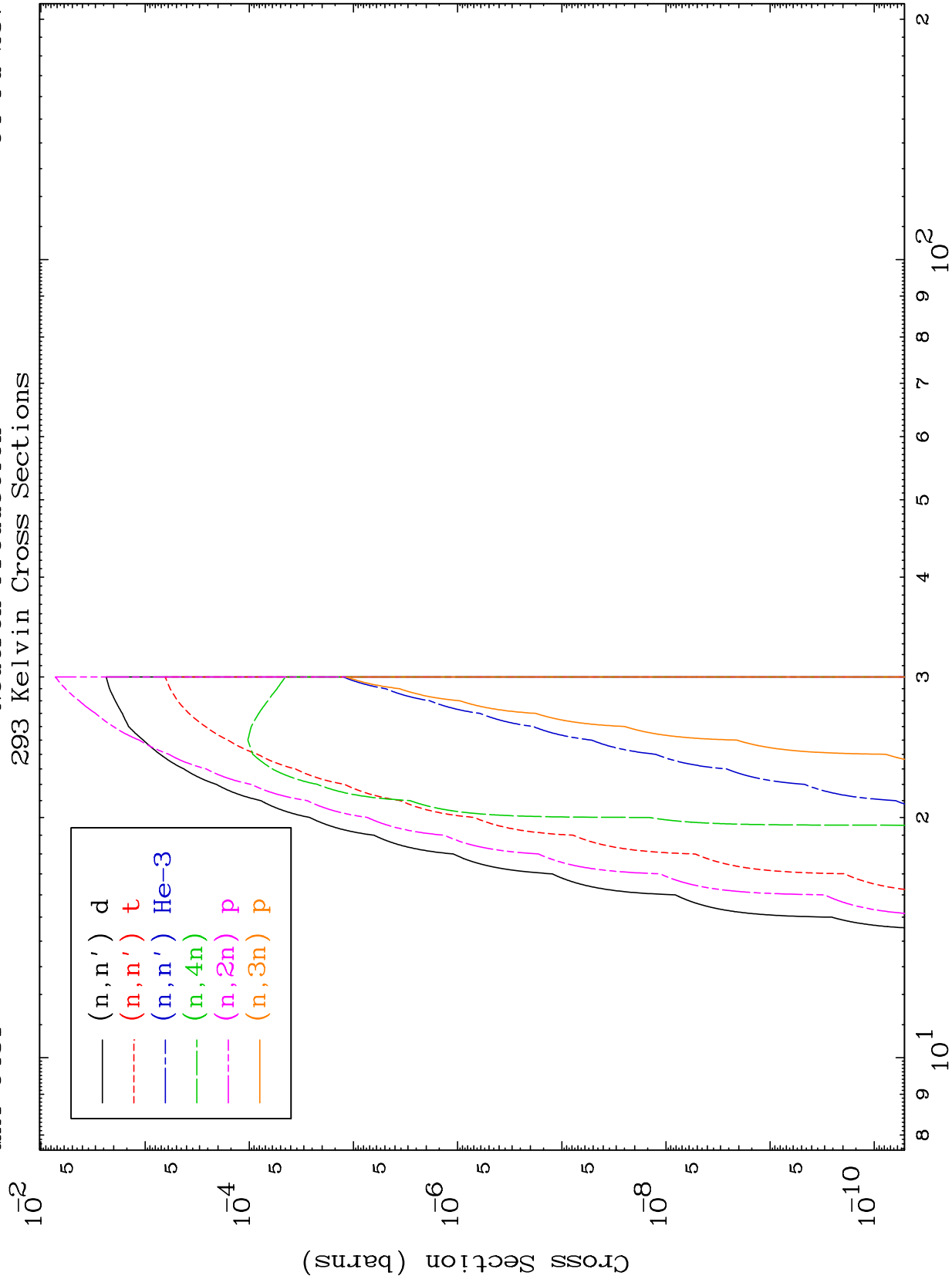
94-Pu-237



MAT 9431

Neutron Production  
293 Kelvin Cross Sections

94-Pu-237



Incident Energy (MeV)

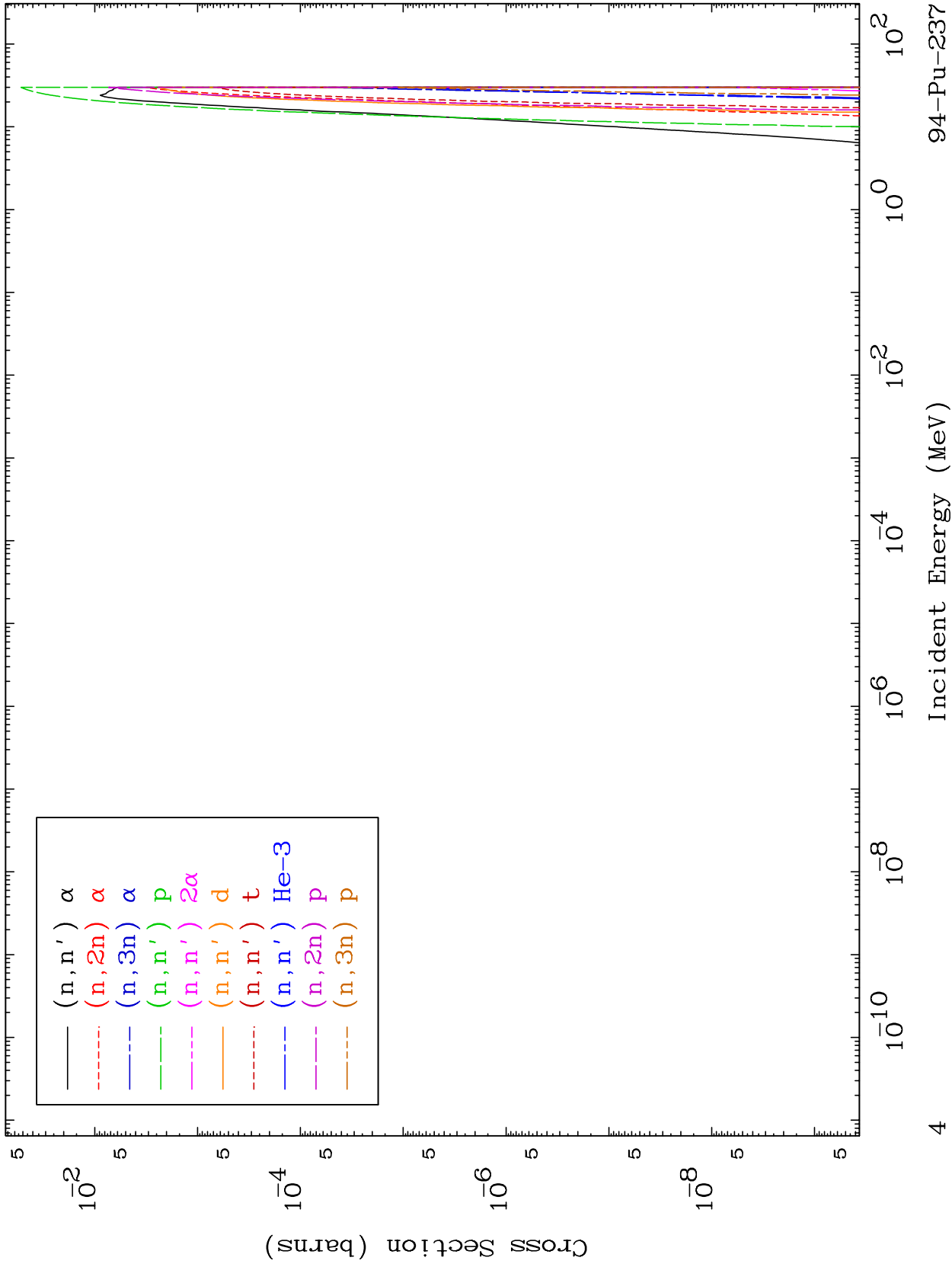
94-Pu-237

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MAT 9431

Charged Particle  
293 Kelvin Cross Sections

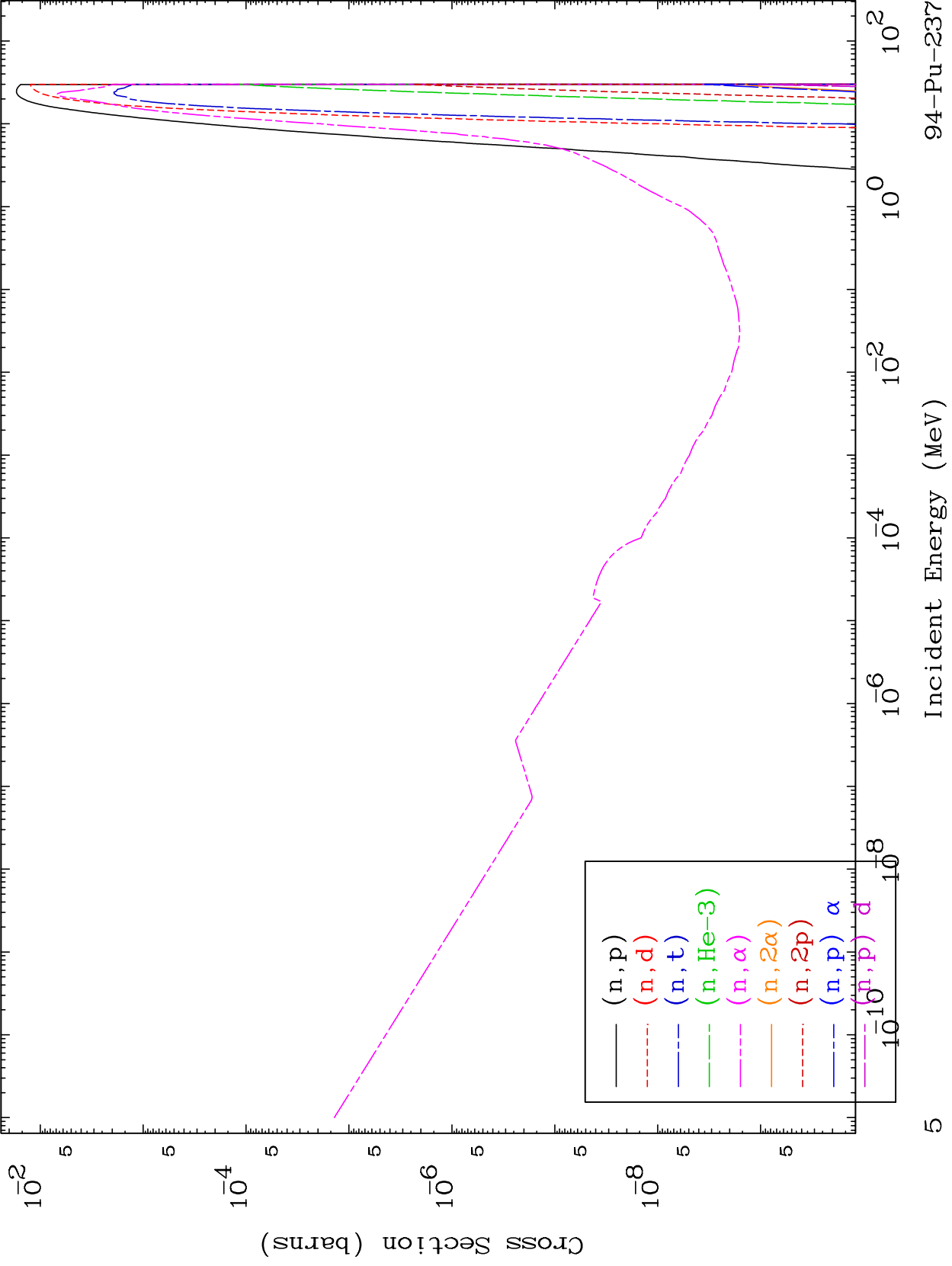
94-Pu-237



MAT 9431

Charged Particle  
293 Kelvin Cross Sections

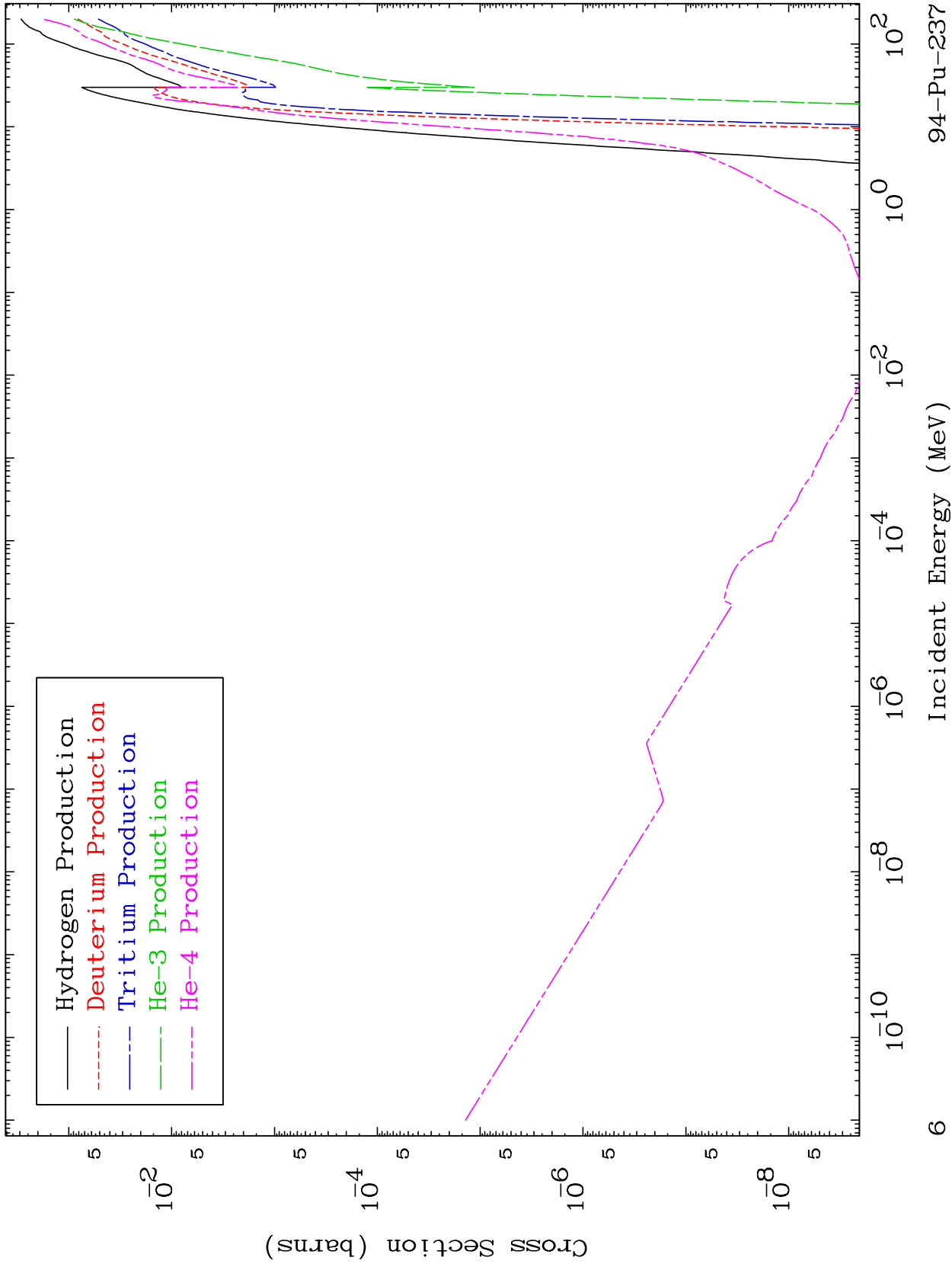
94-Pu-237



MAT 9431

Particle Production  
293 Kelvin Cross Sections

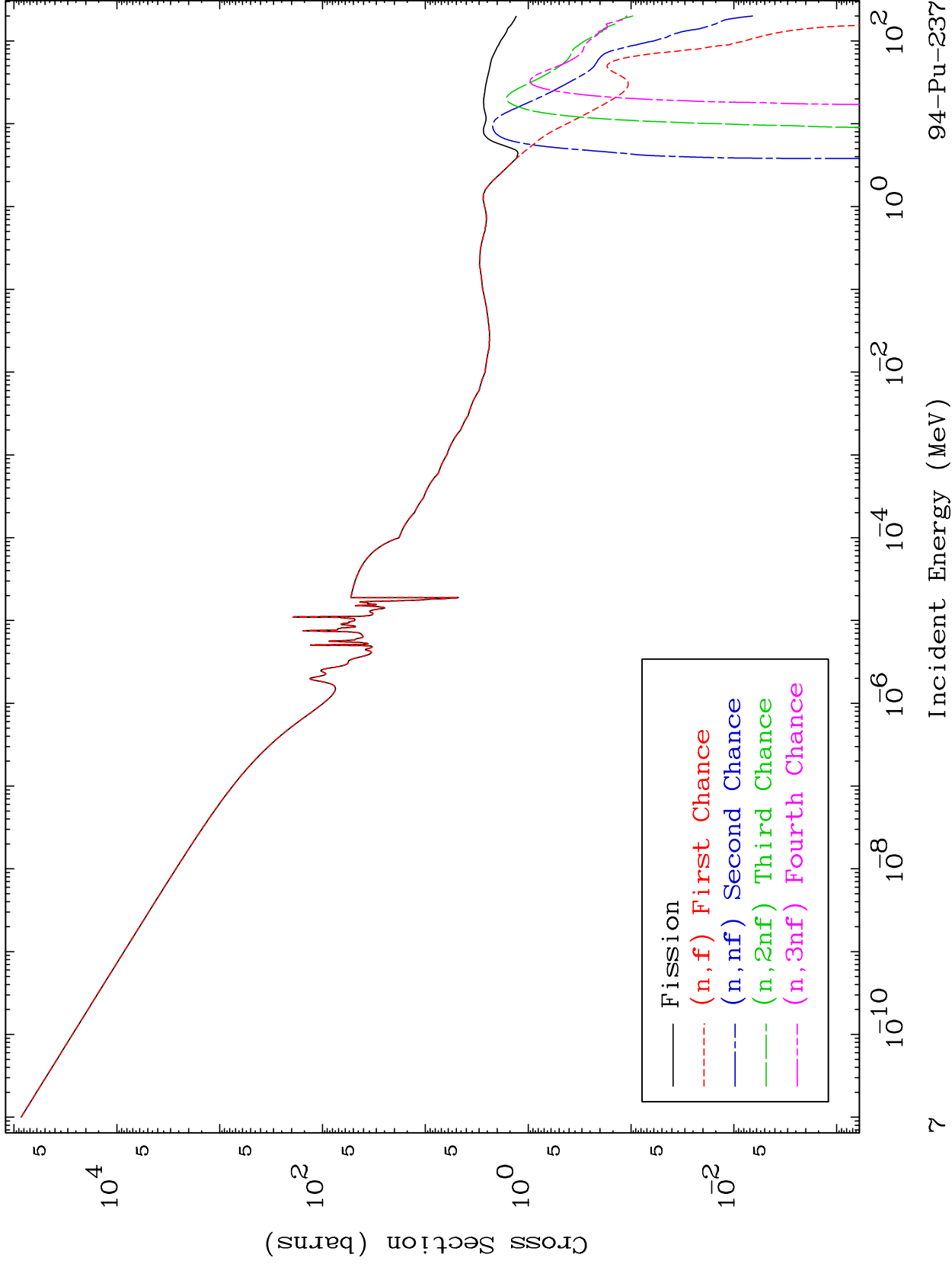
94-Pu-237



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Fission  
293 Kelvin Cross Sections

94-Pu-237



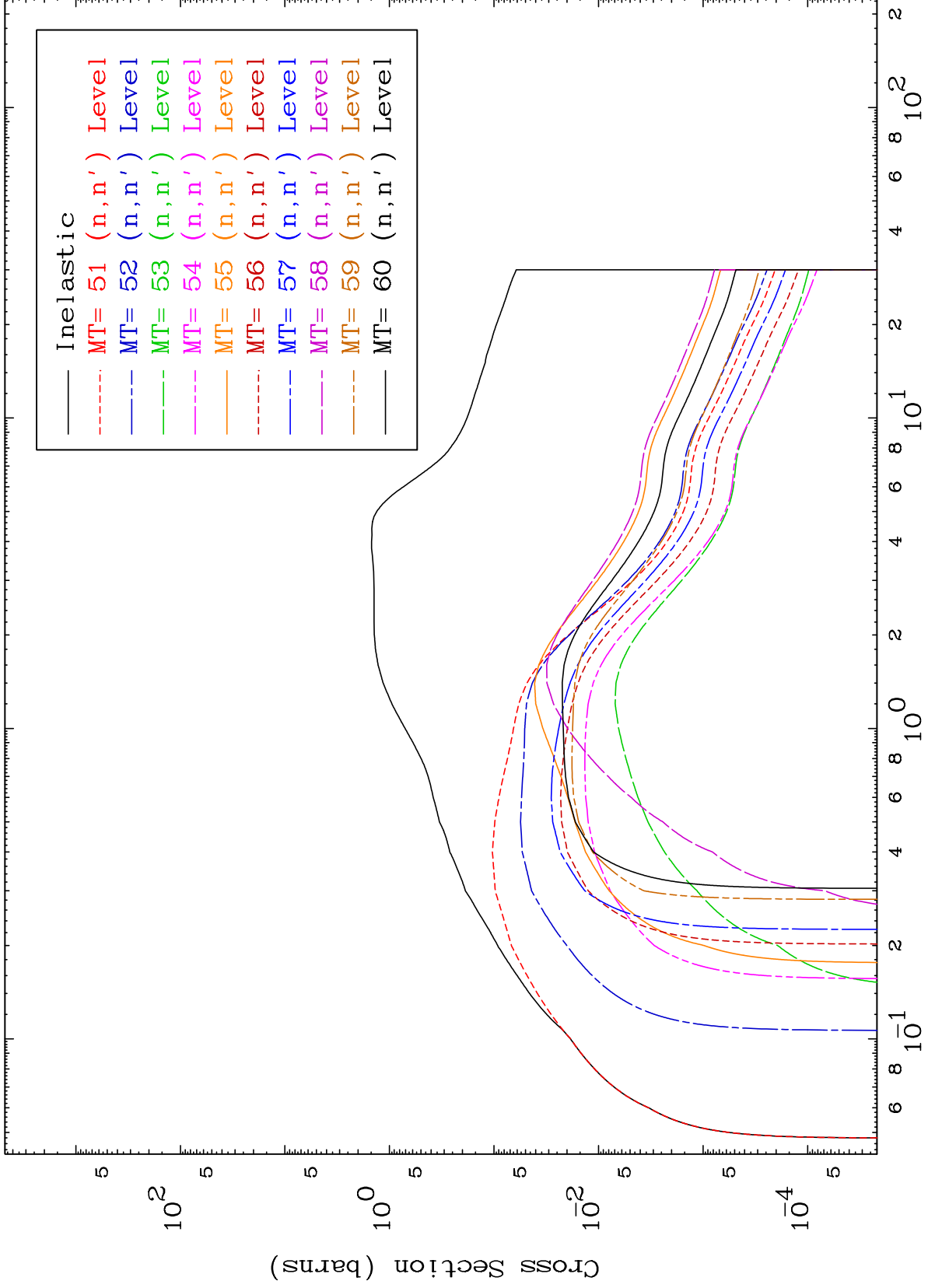


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(n,n') Level

94-Pu-237

293 Kelvin Cross Sections

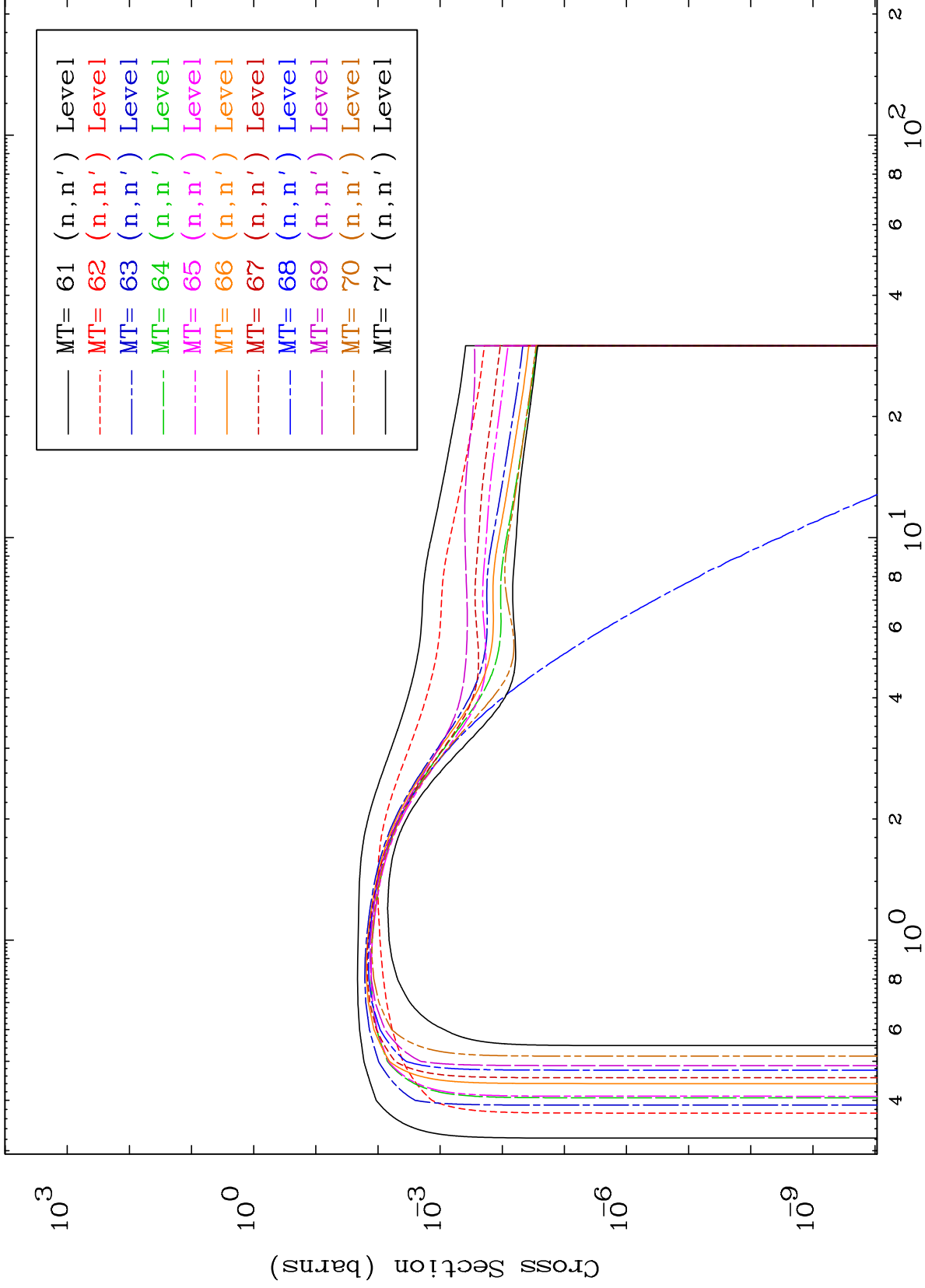


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Incident Energy (MeV)

94-Pu-237

293 Kelvin Cross Sections

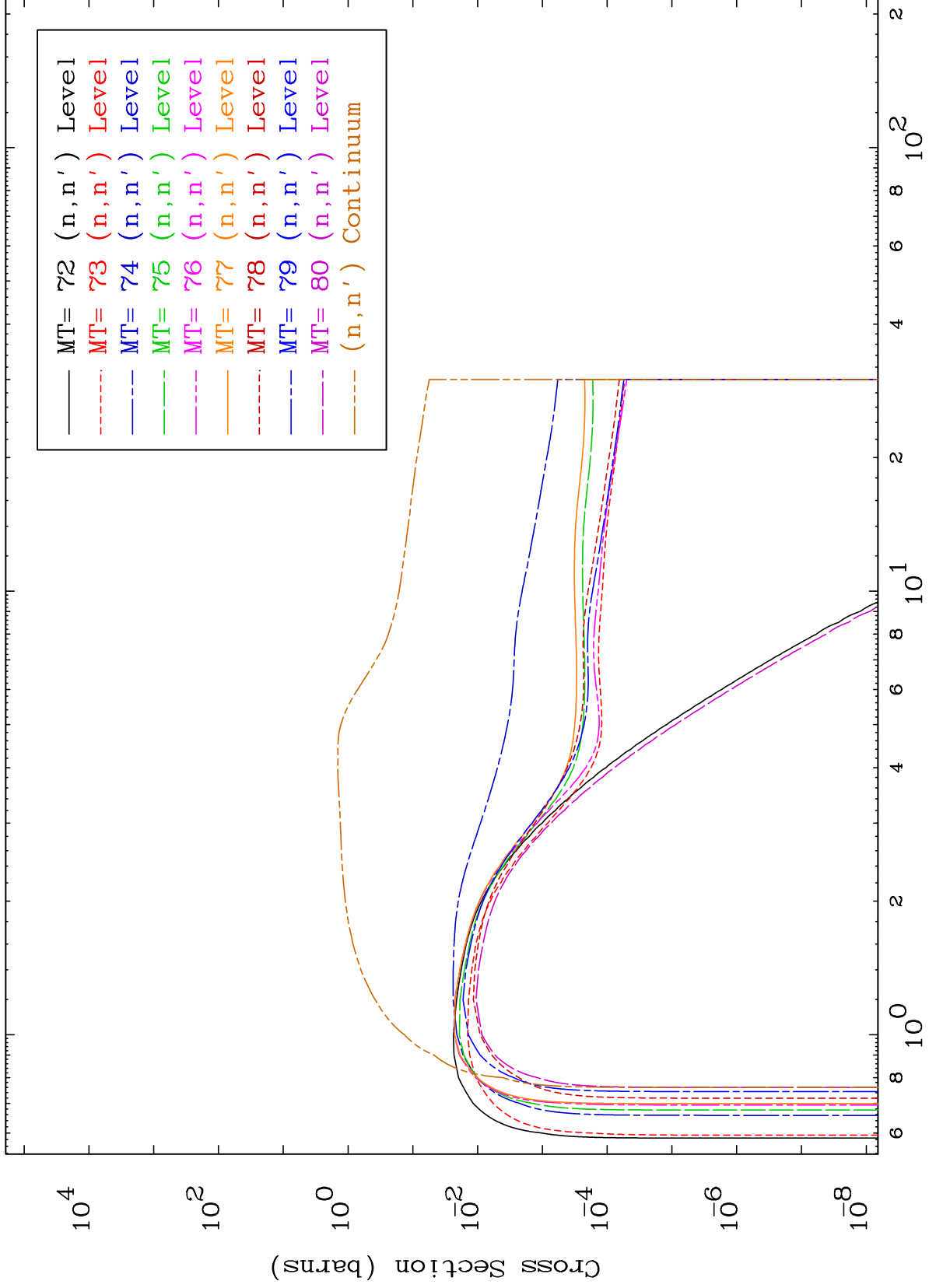


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(n,n') Level

94-Pu-237

293 Kelvin Cross Sections



10

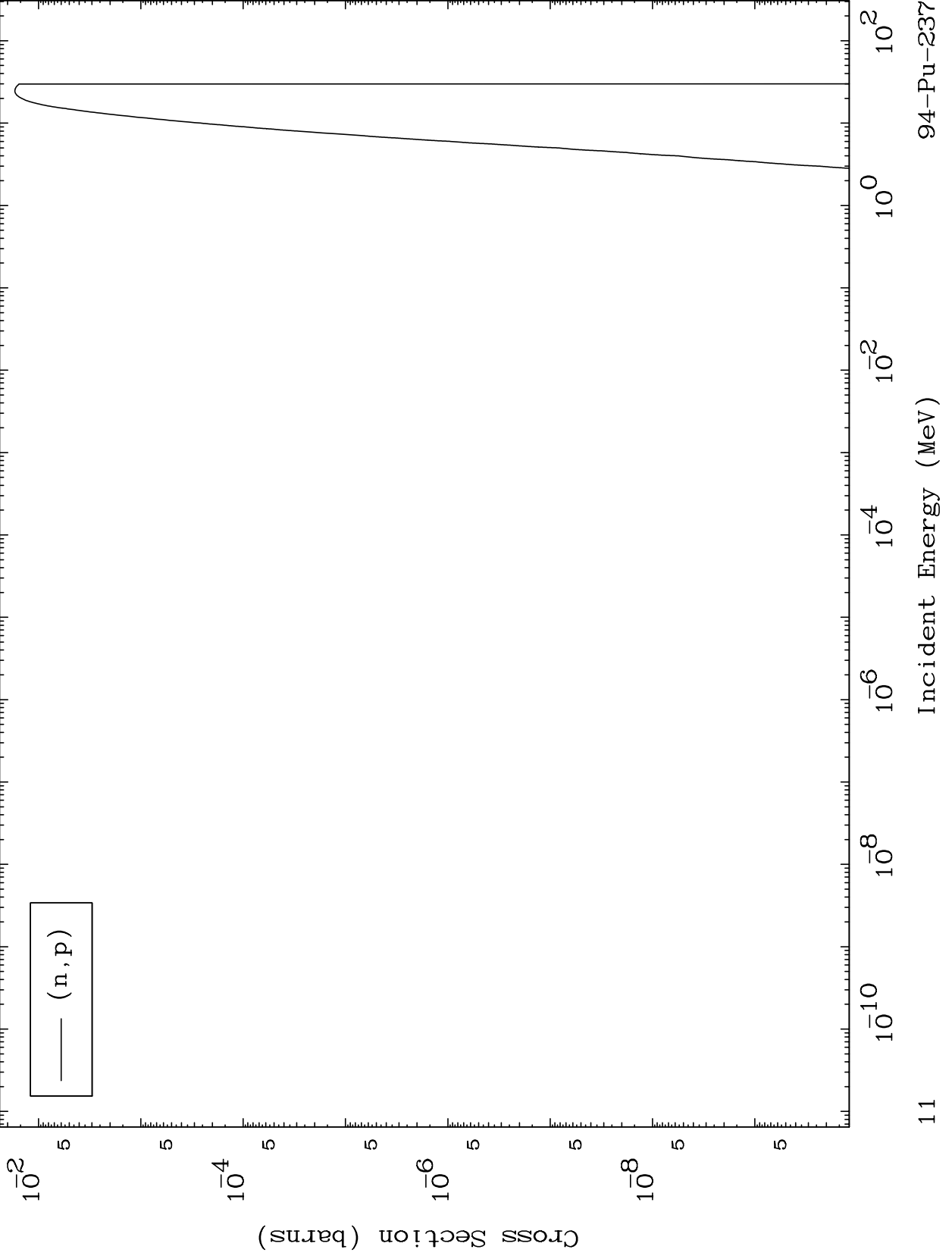
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,p) Levels  
293 Kelvin Cross Sections

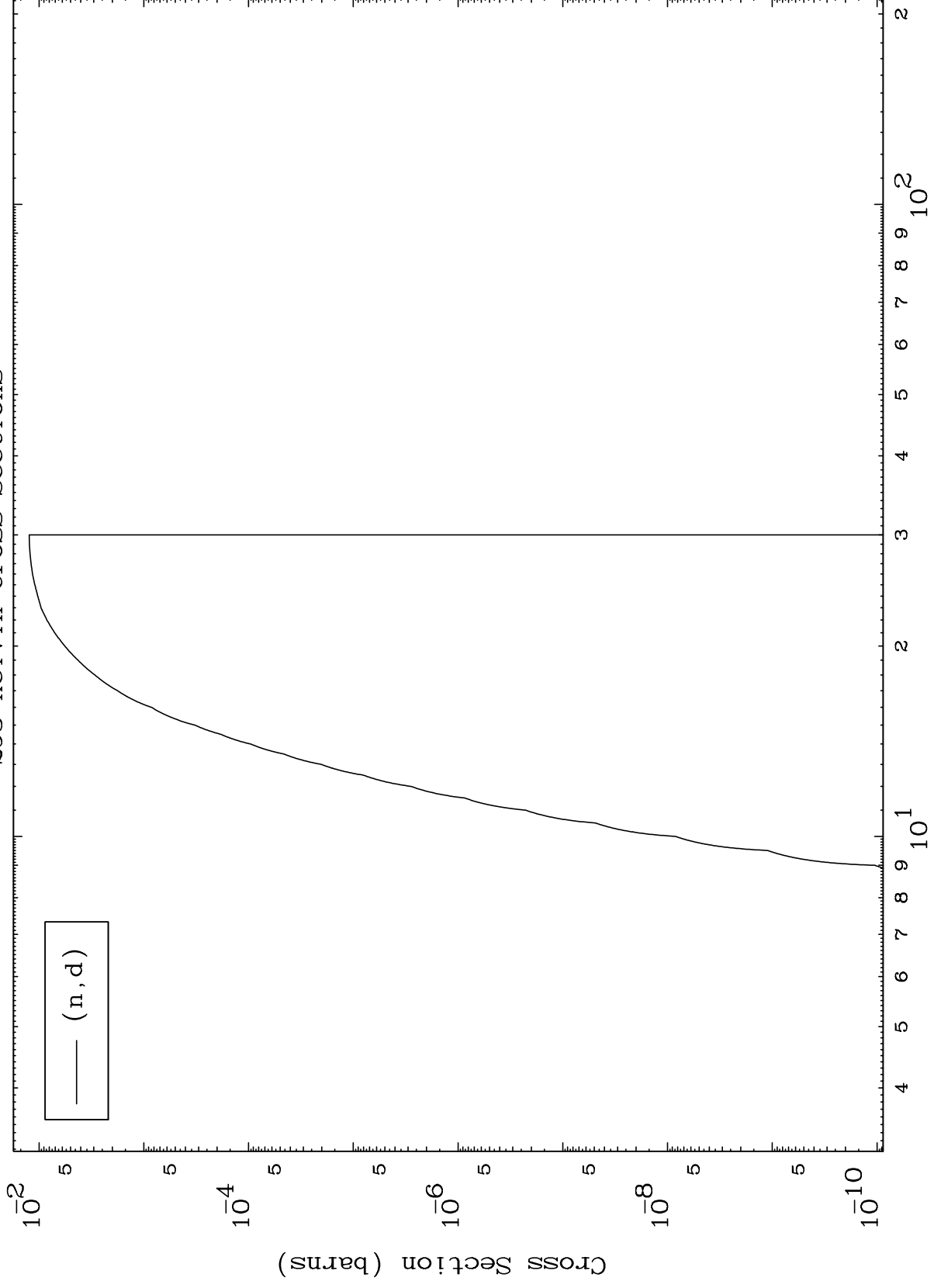
94-Pu-237



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(n,d) Levels  
293 Kelvin Cross Sections

94-Pu-237



12

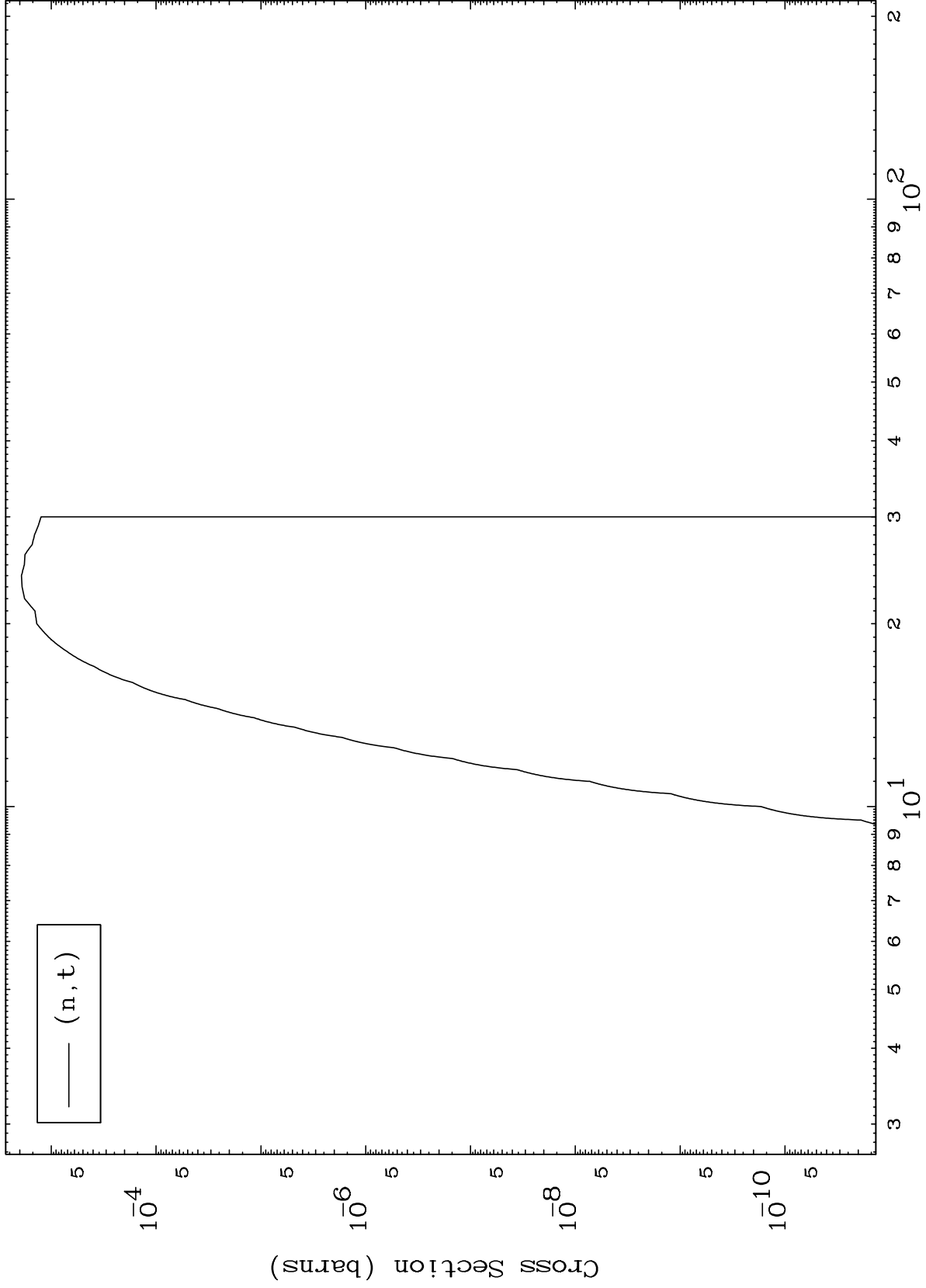
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,t) Levels  
293 Kelvin Cross Sections

94-Pu-237



13

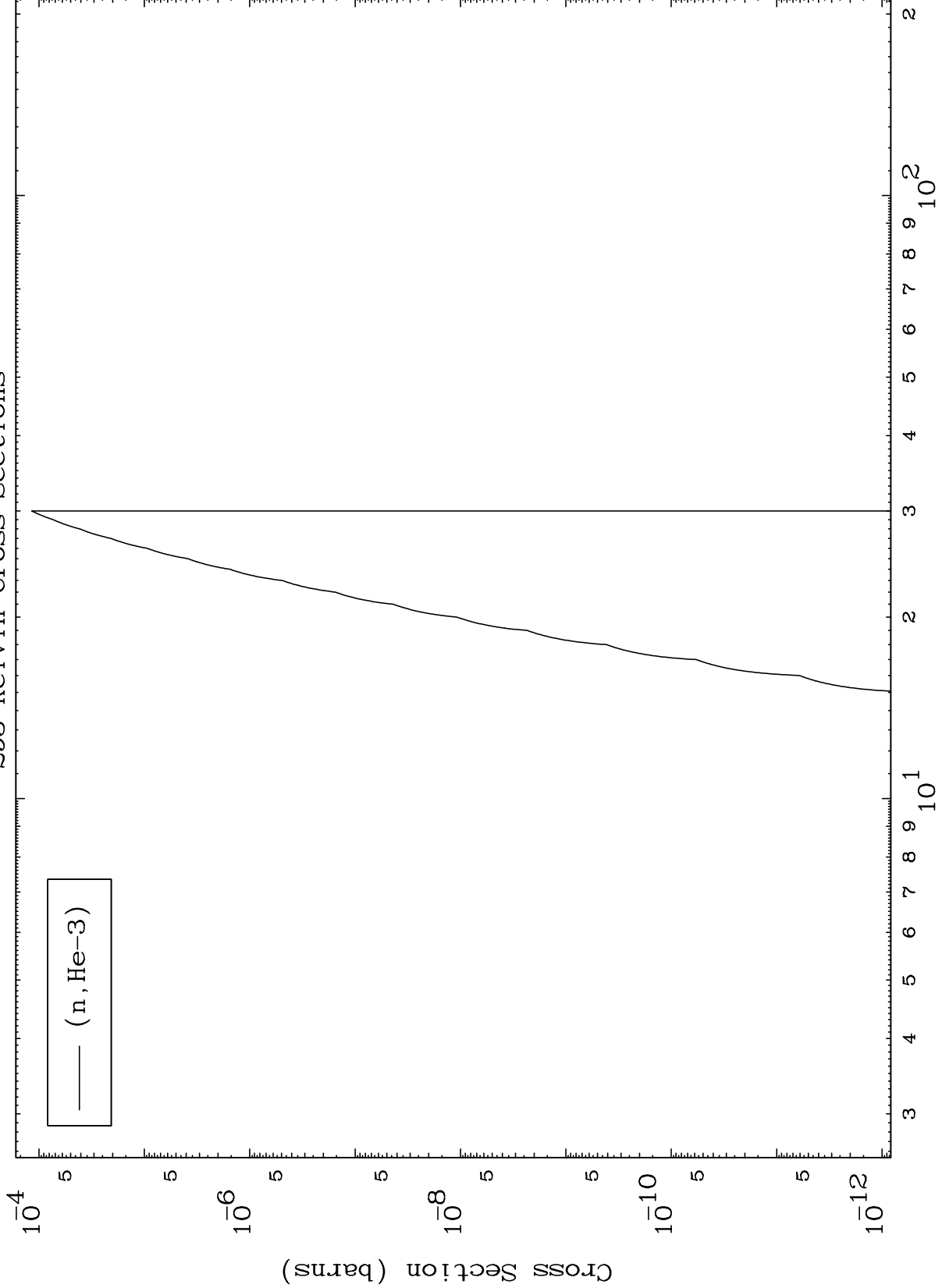
Incident Energy (MeV)

94-Pu-237

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(n,He3) Levels  
293 Kelvin Cross Sections

94-Pu-237



14

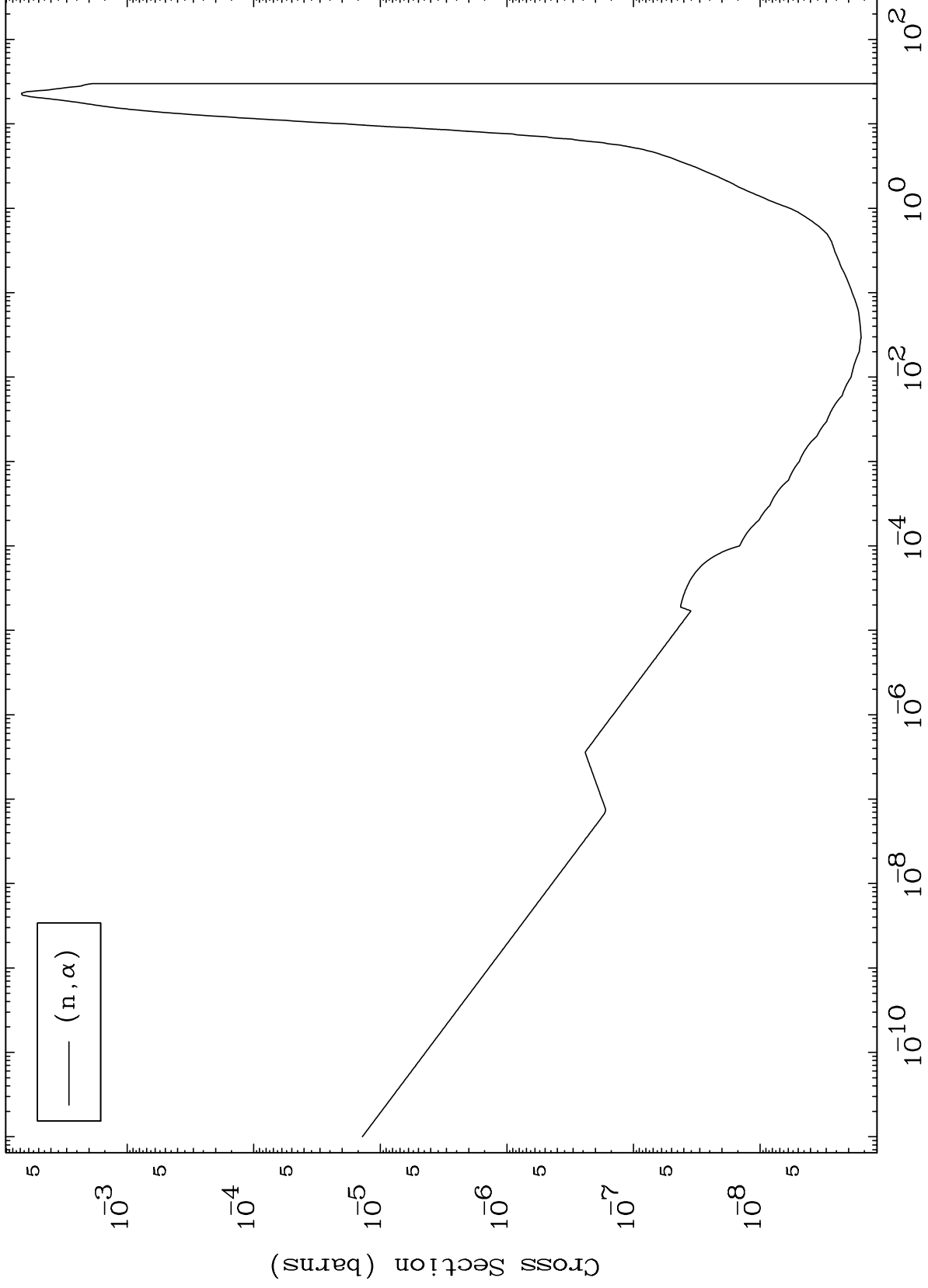
Incident Energy (MeV)

94-Pu-237

MAT 9431

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

94-Pu-237

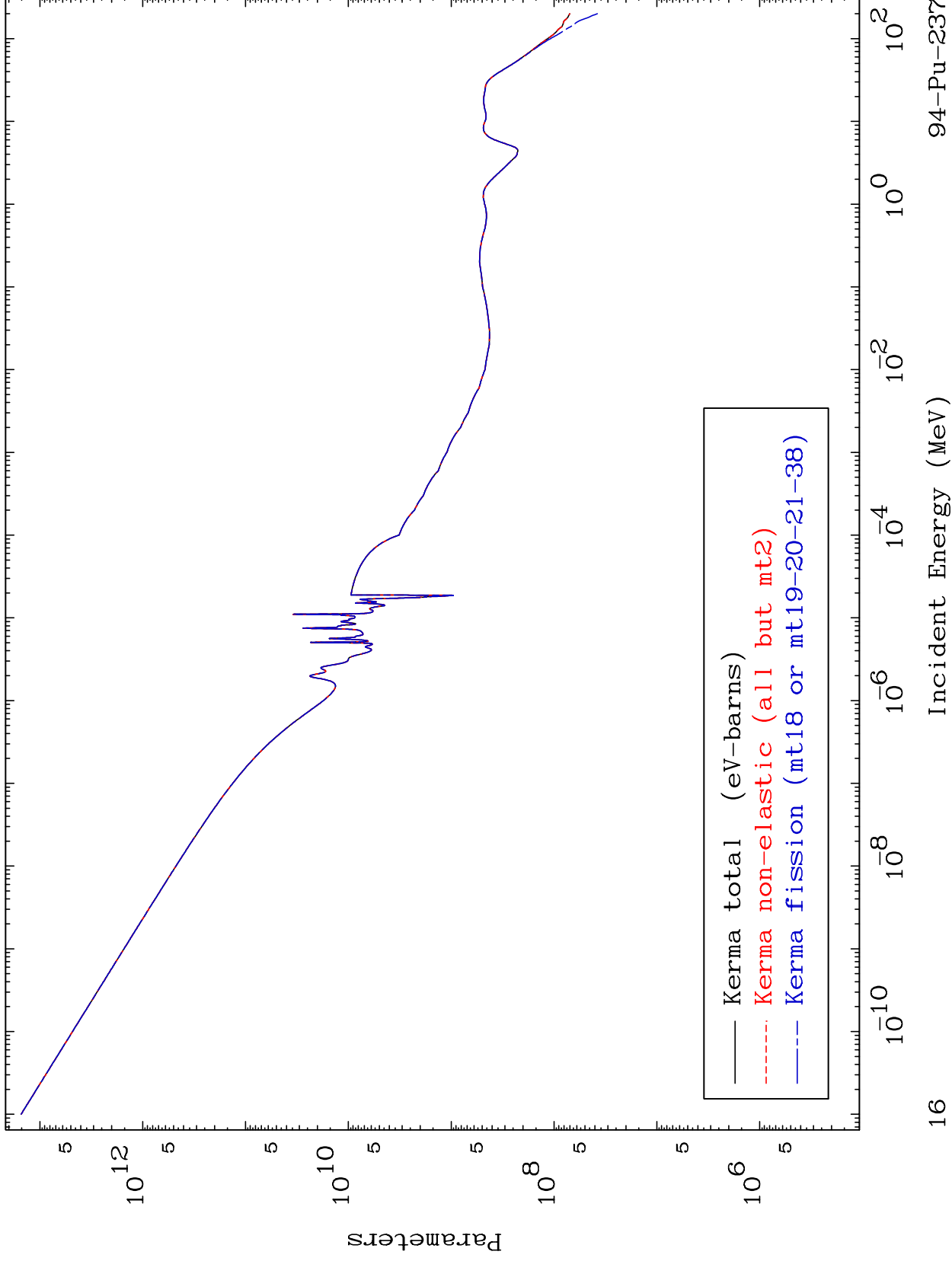


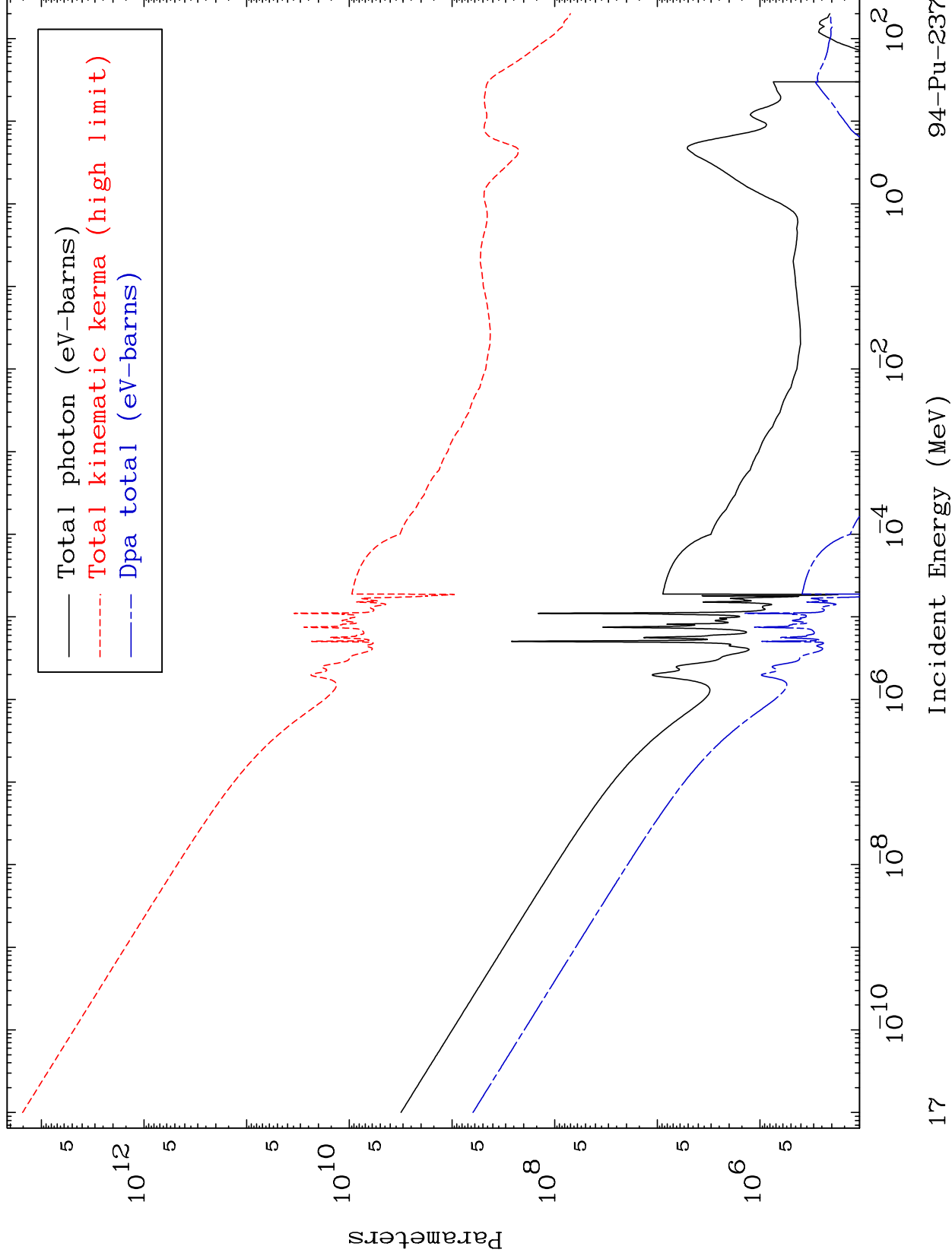
15

Incident Energy (MeV)

94-Pu-237



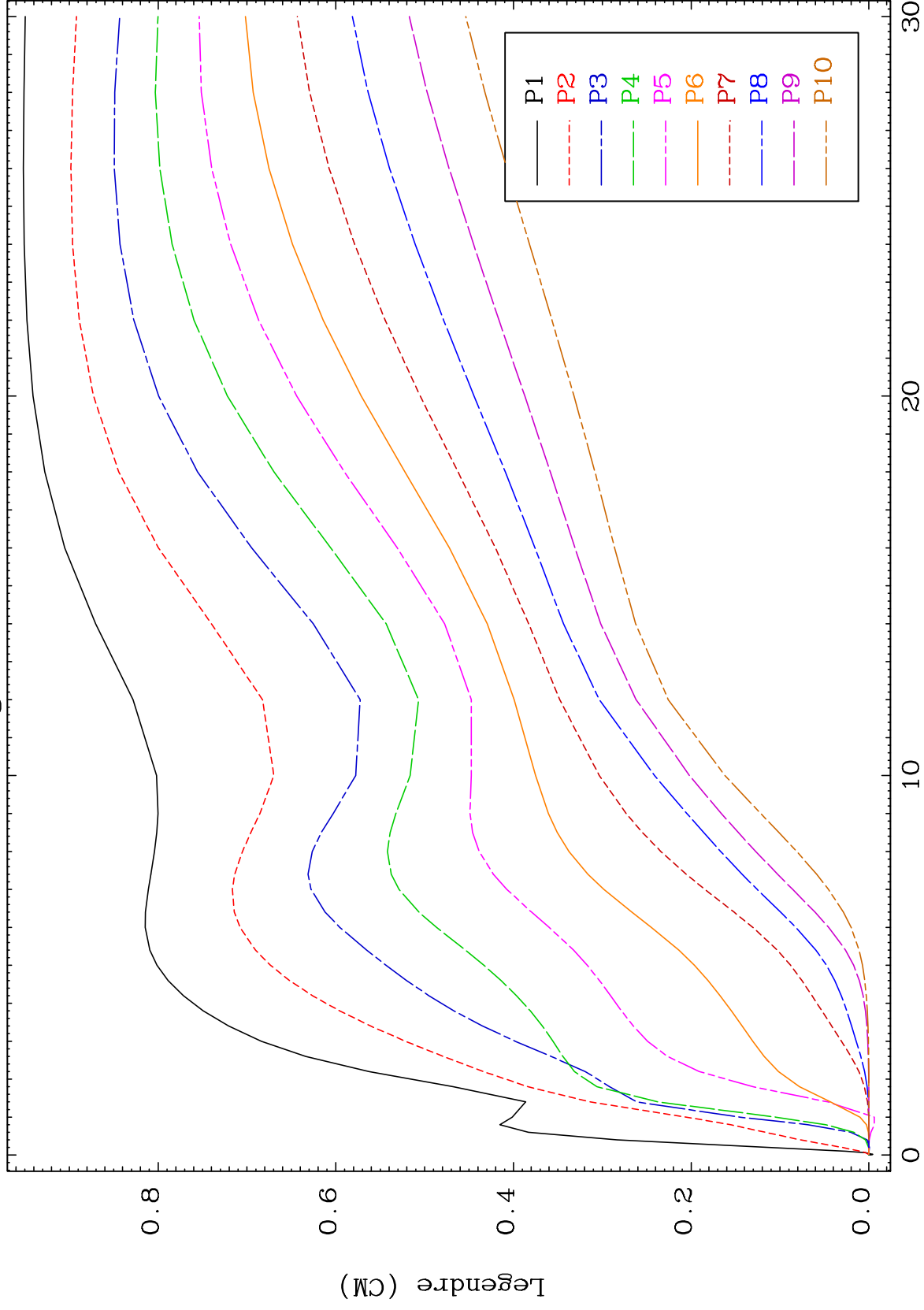




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Elastic Legendre Coefficients

94-Pu-237



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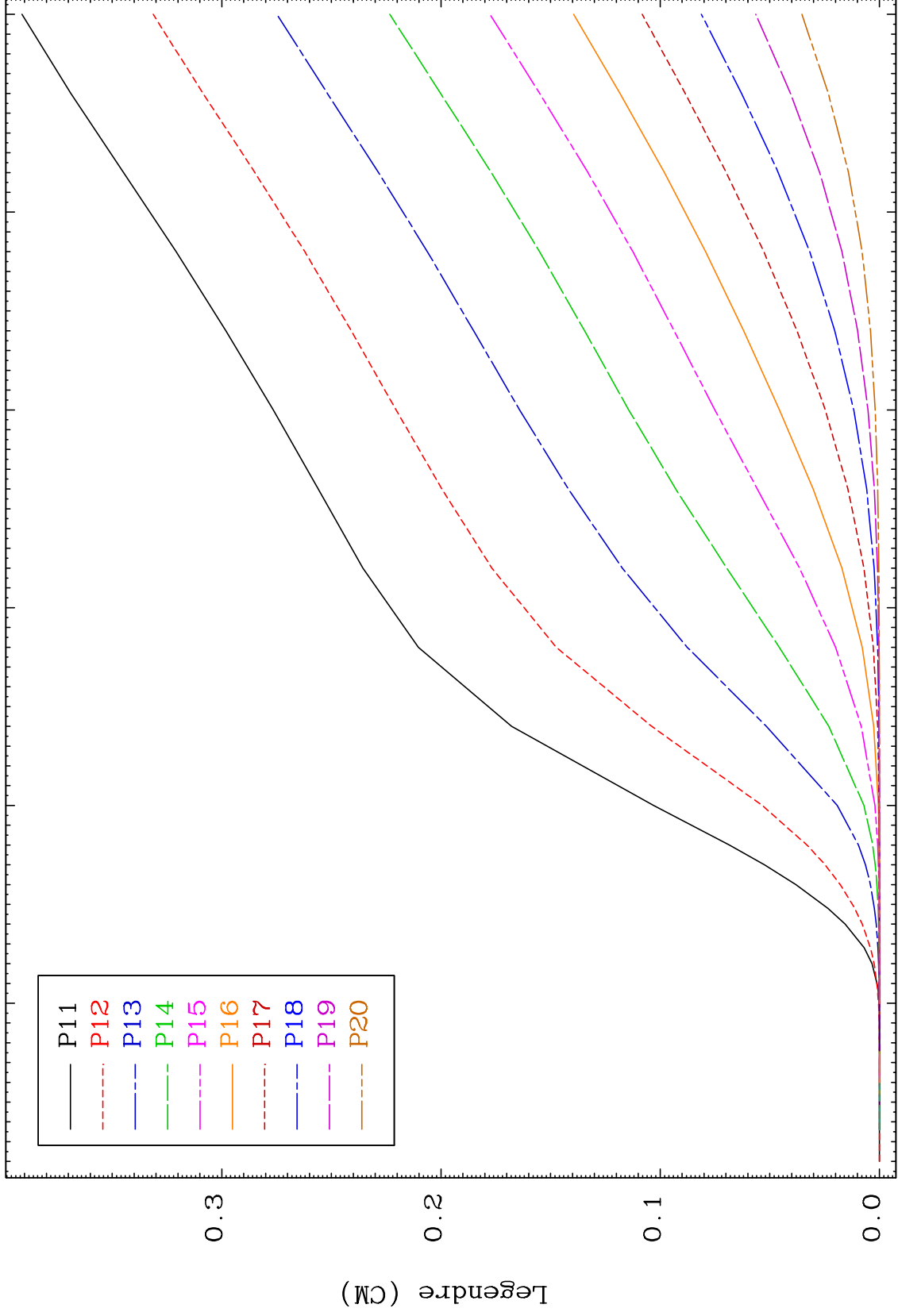
Incident Energy (MeV)

94-Pu-237

MAT 9431

Elastic Legendre Coefficients

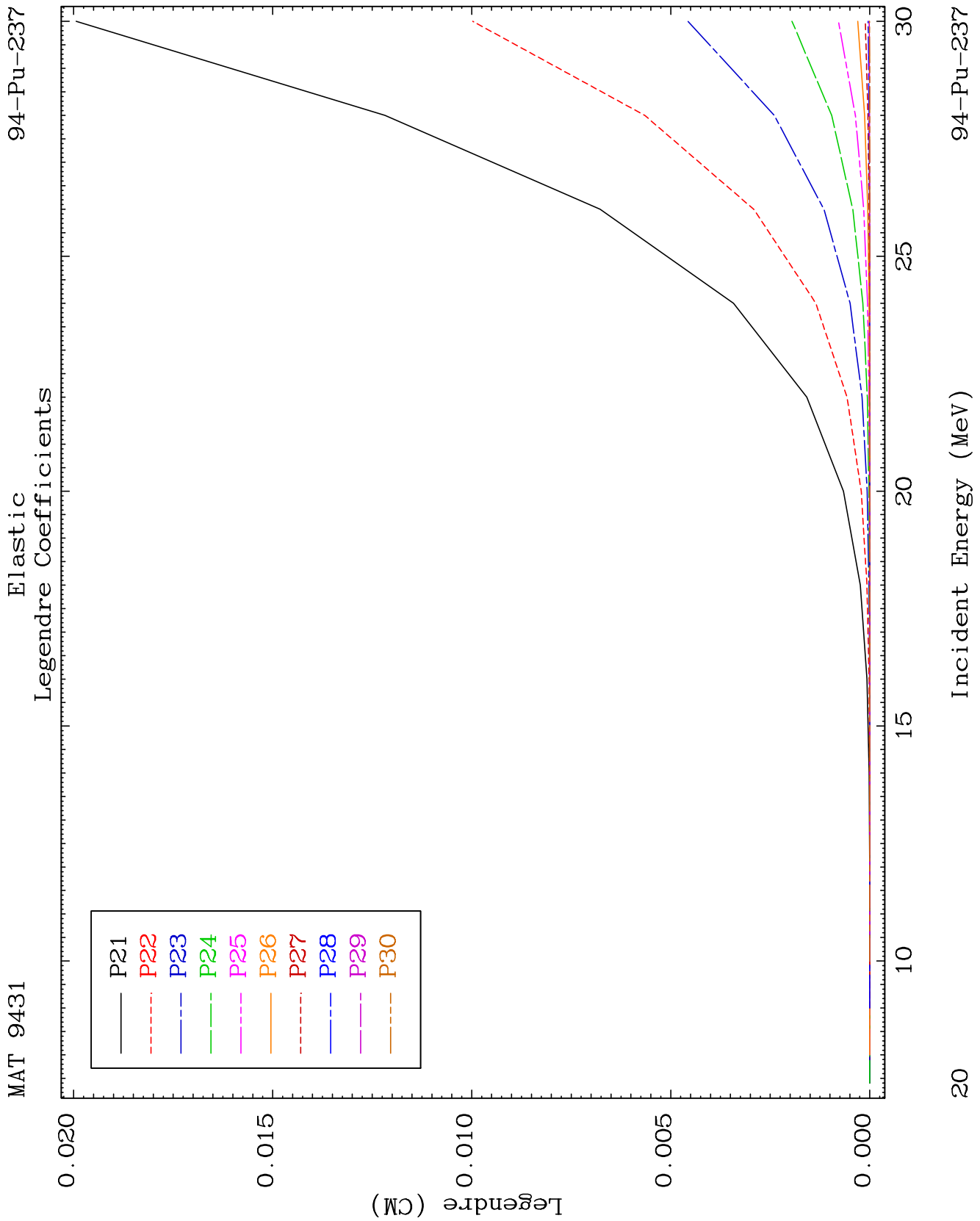
94-Pu-237



19

Incident Energy (MeV)

94-Pu-237



MAT 9431

Elastic Legendre Coefficients

94-Pu-237

20

Incident Energy (MeV)

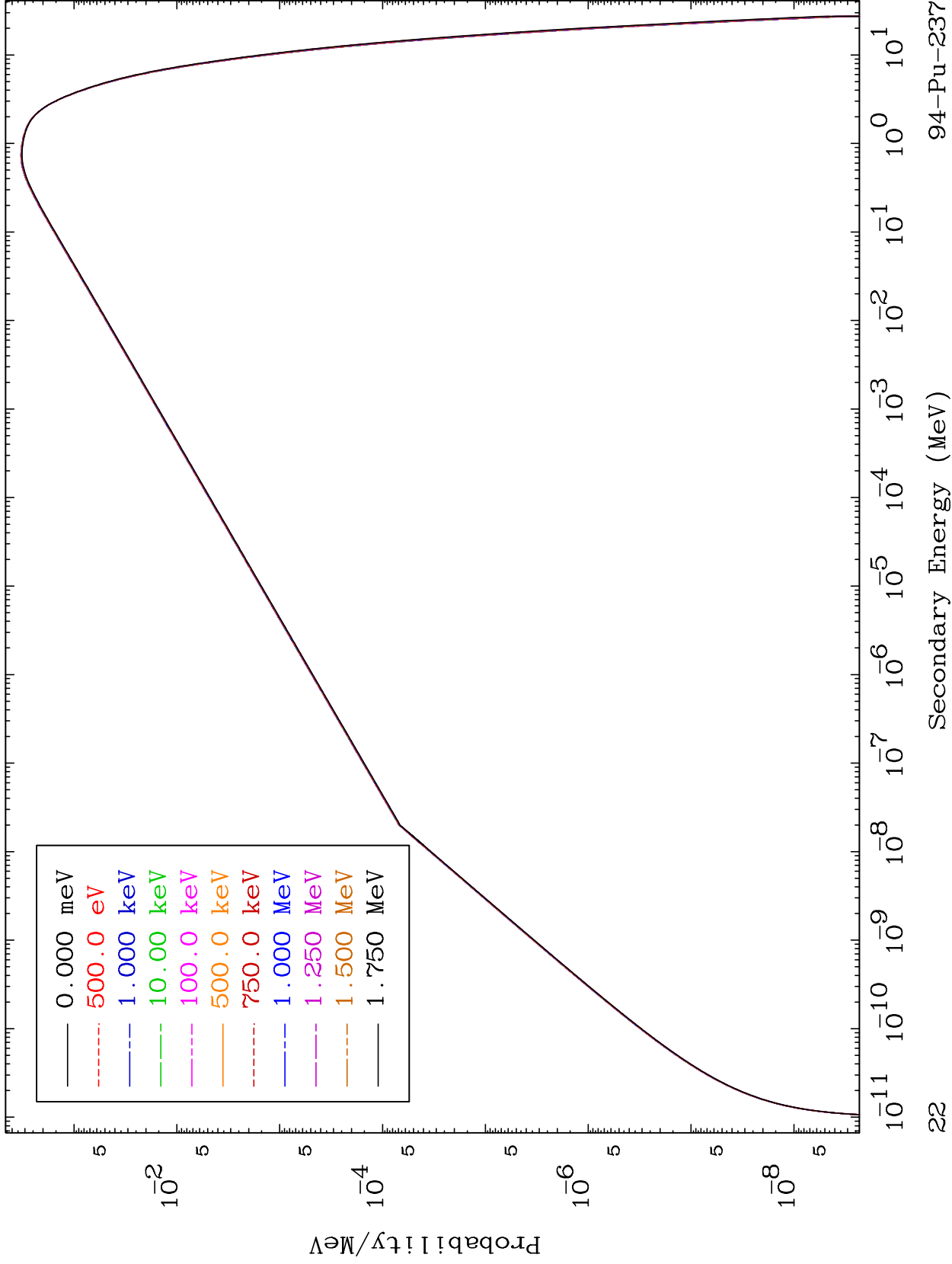
94-Pu-237



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### Fission Energy Distribution

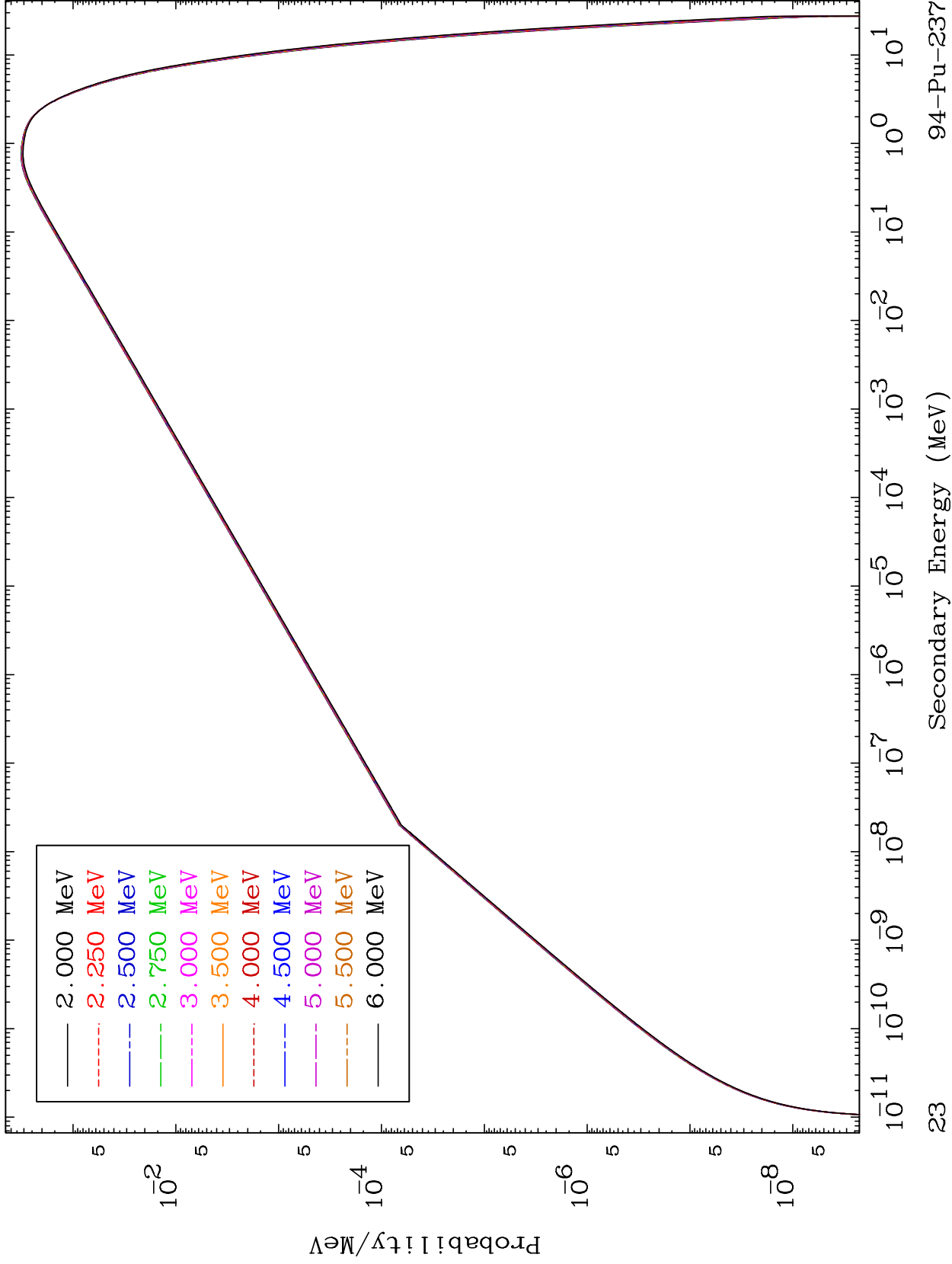
94-Pu-237



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Fission  
Energy Distribution

94-Pu-237

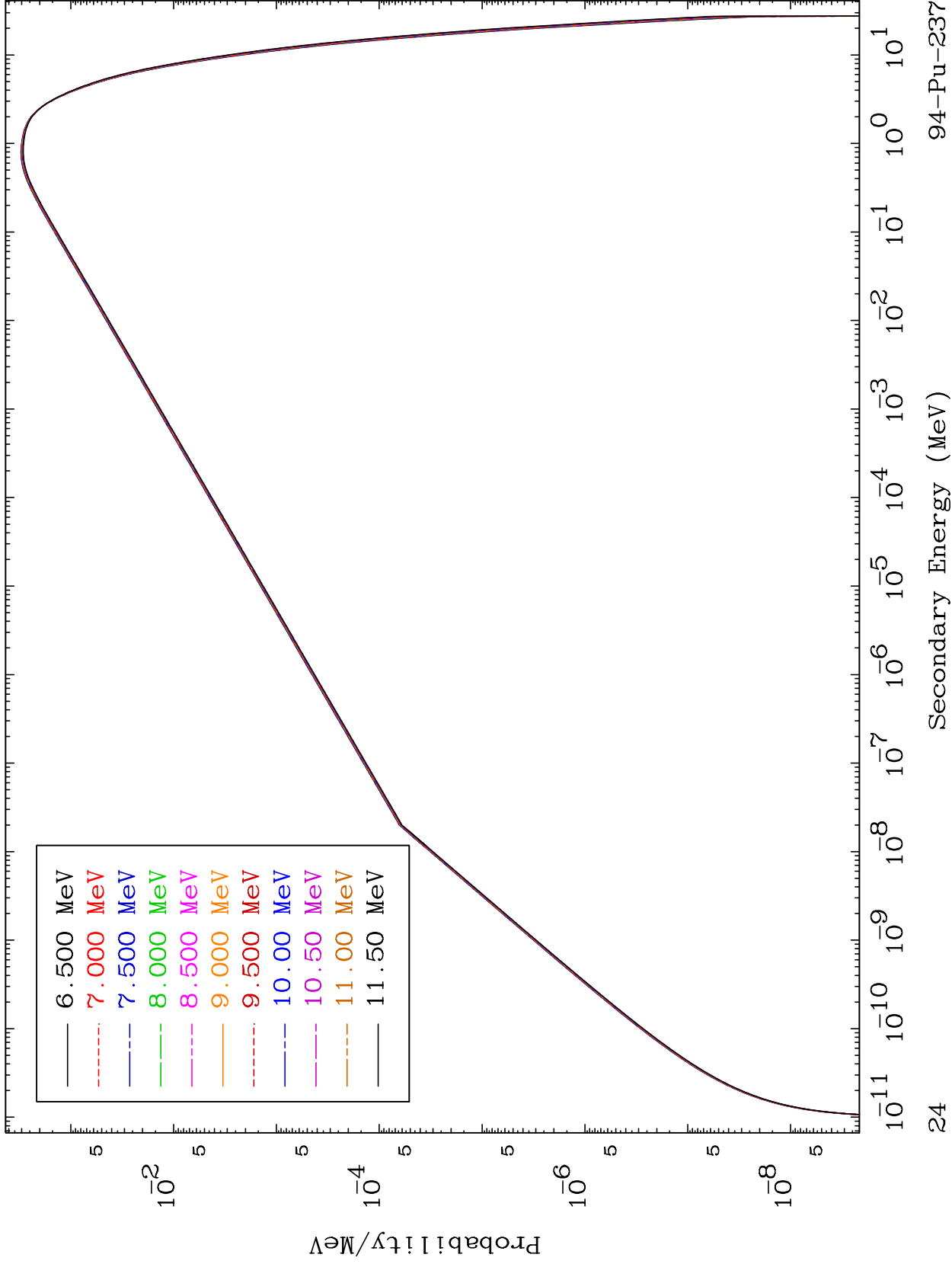




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### Fission Energy Distribution

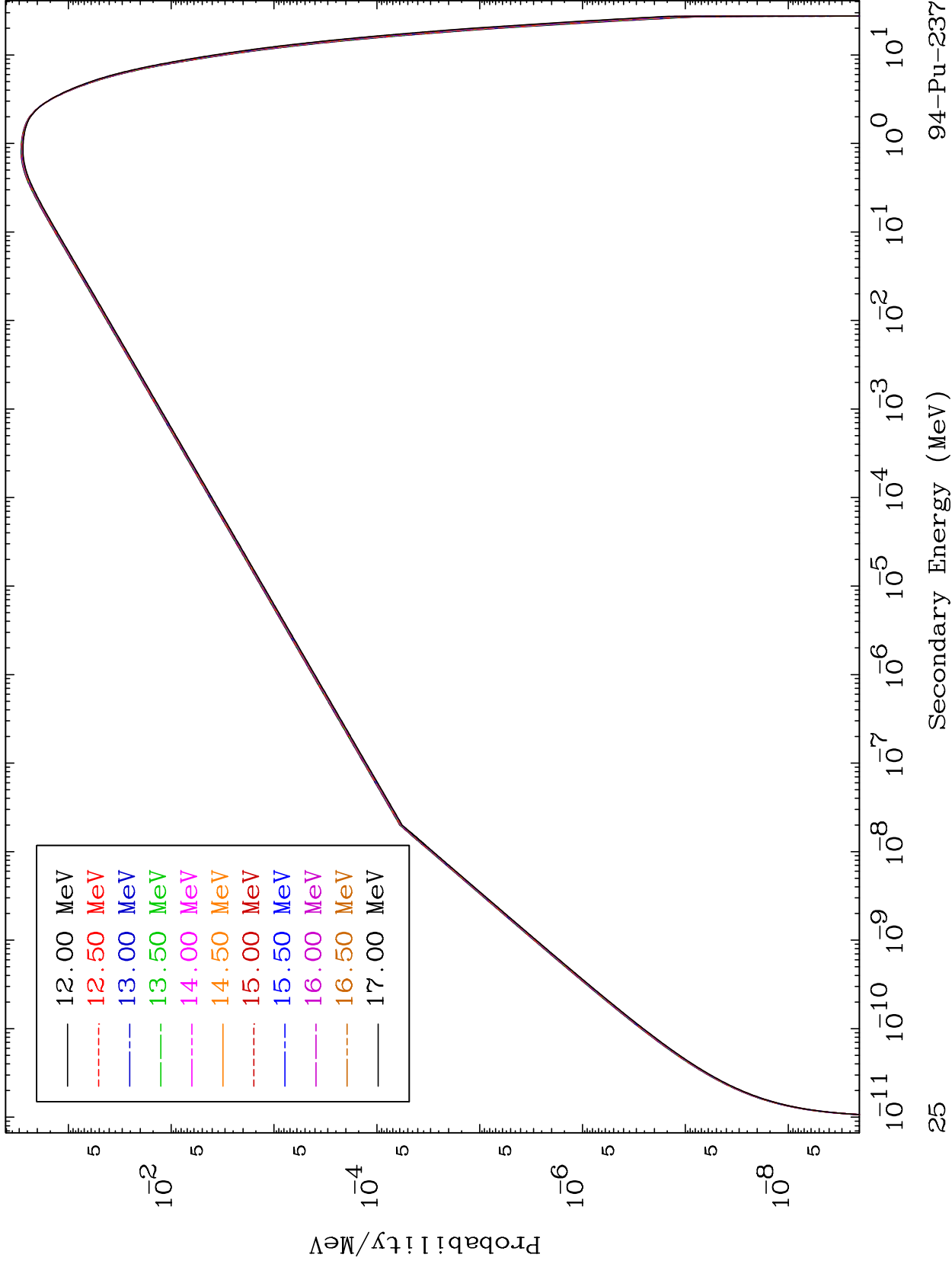
94-Pu-237



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Fission  
Energy Distribution

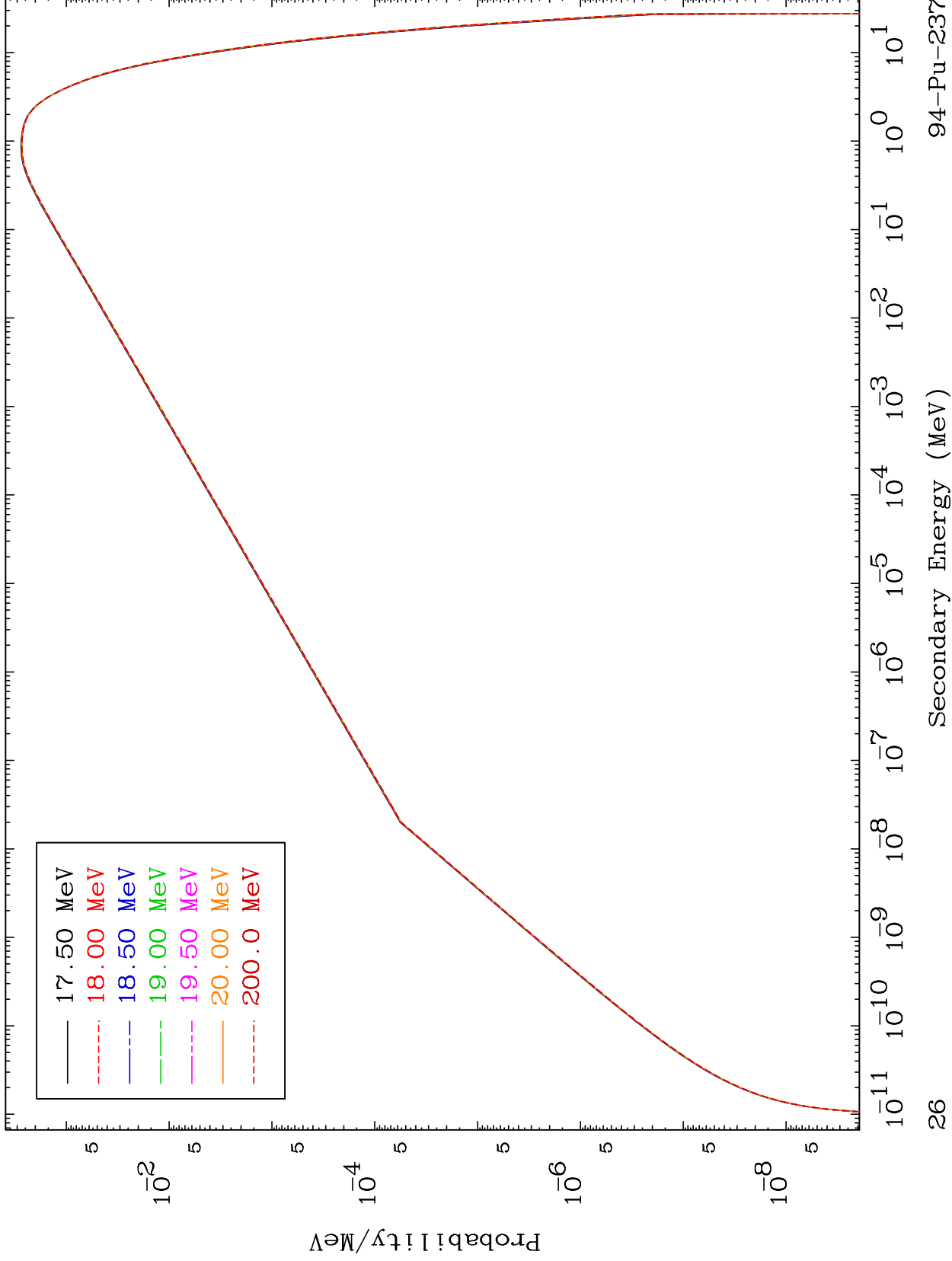
94-Pu-237



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### Fission Energy Distribution

94-Pu-237



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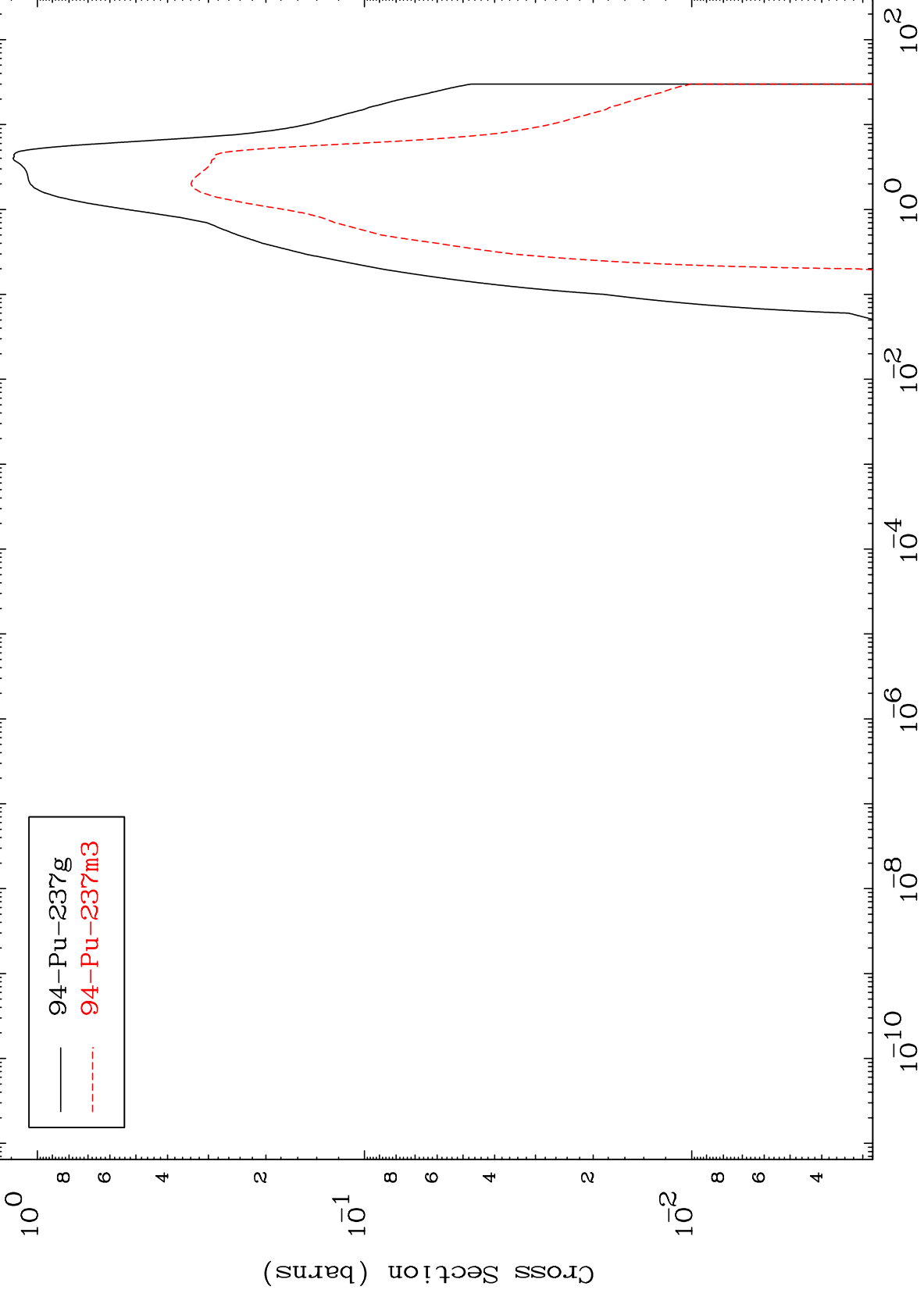
Secondary Energy (MeV)

94-Pu-237

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Inelastic  
Radionuclide Production Cross Section

94-Pu-237



— 94-Pu-237g  
- - - 94-Pu-237m3

Incident Energy (MeV)

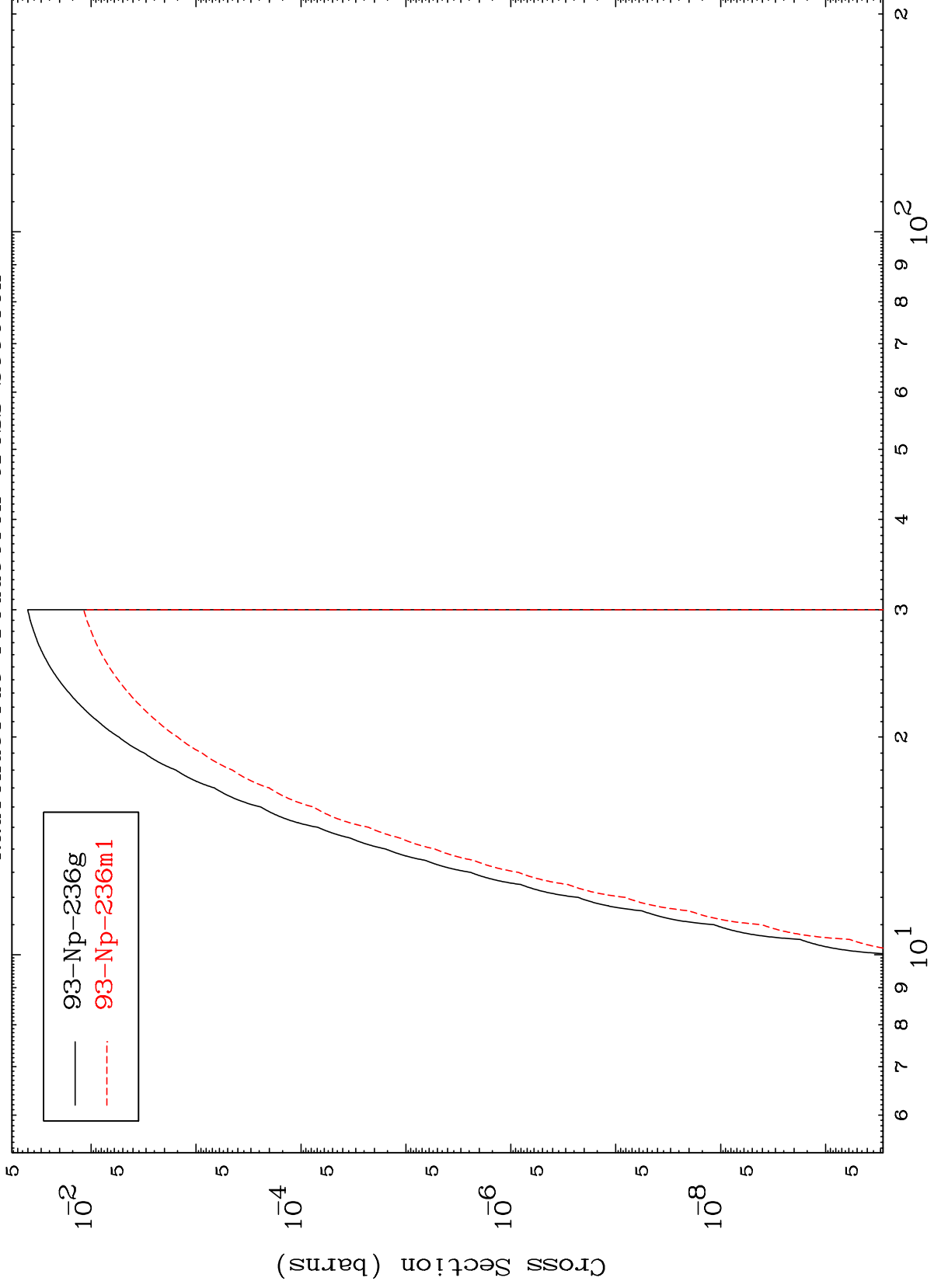
94-Pu-237

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(n,n') p

94-Pu-237

Radionuclide Production Cross Section



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

28

Incident Energy (MeV)

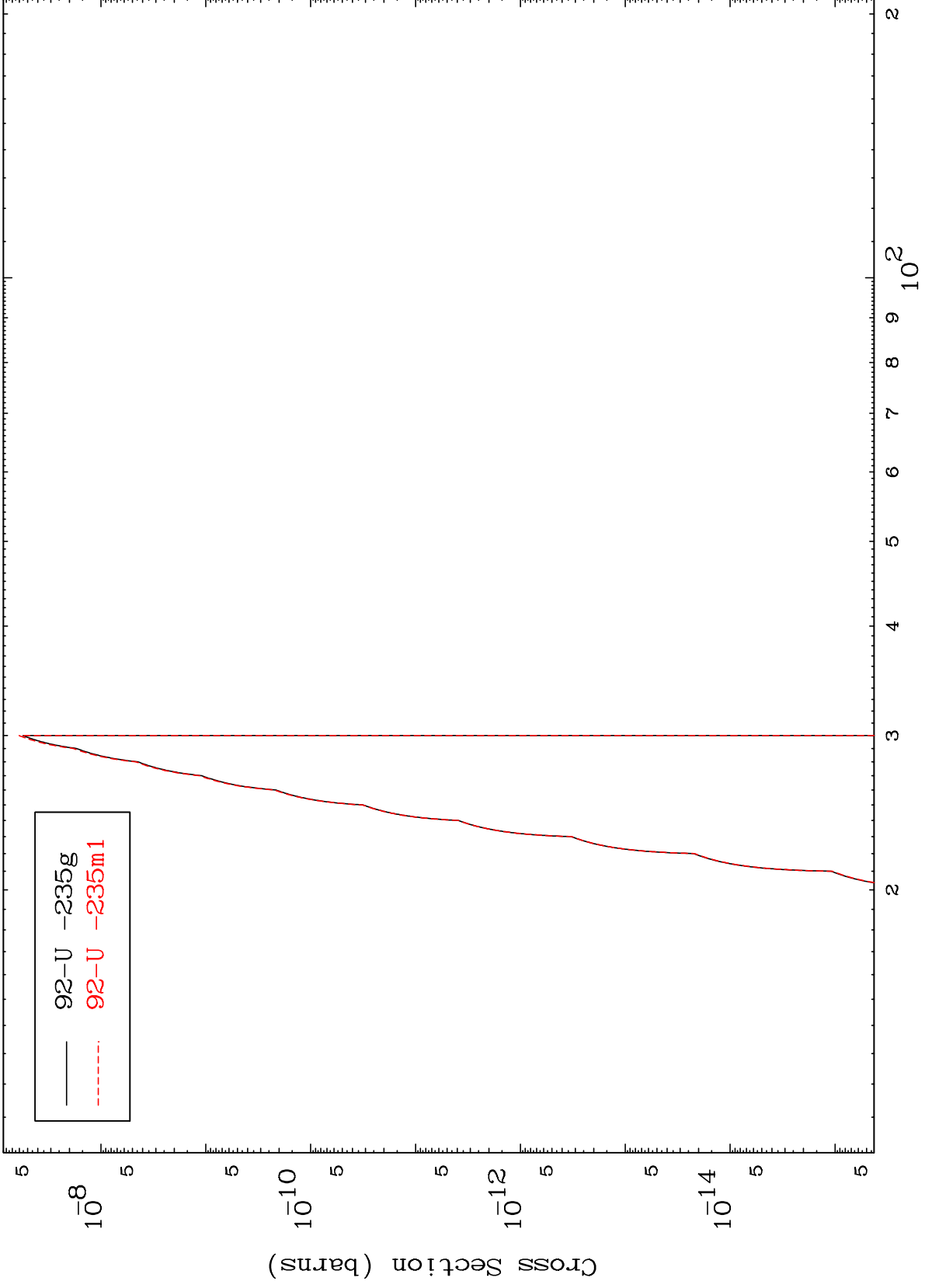
94-Pu-237

MAT 9431

(n,2n) p

94-Pu-237

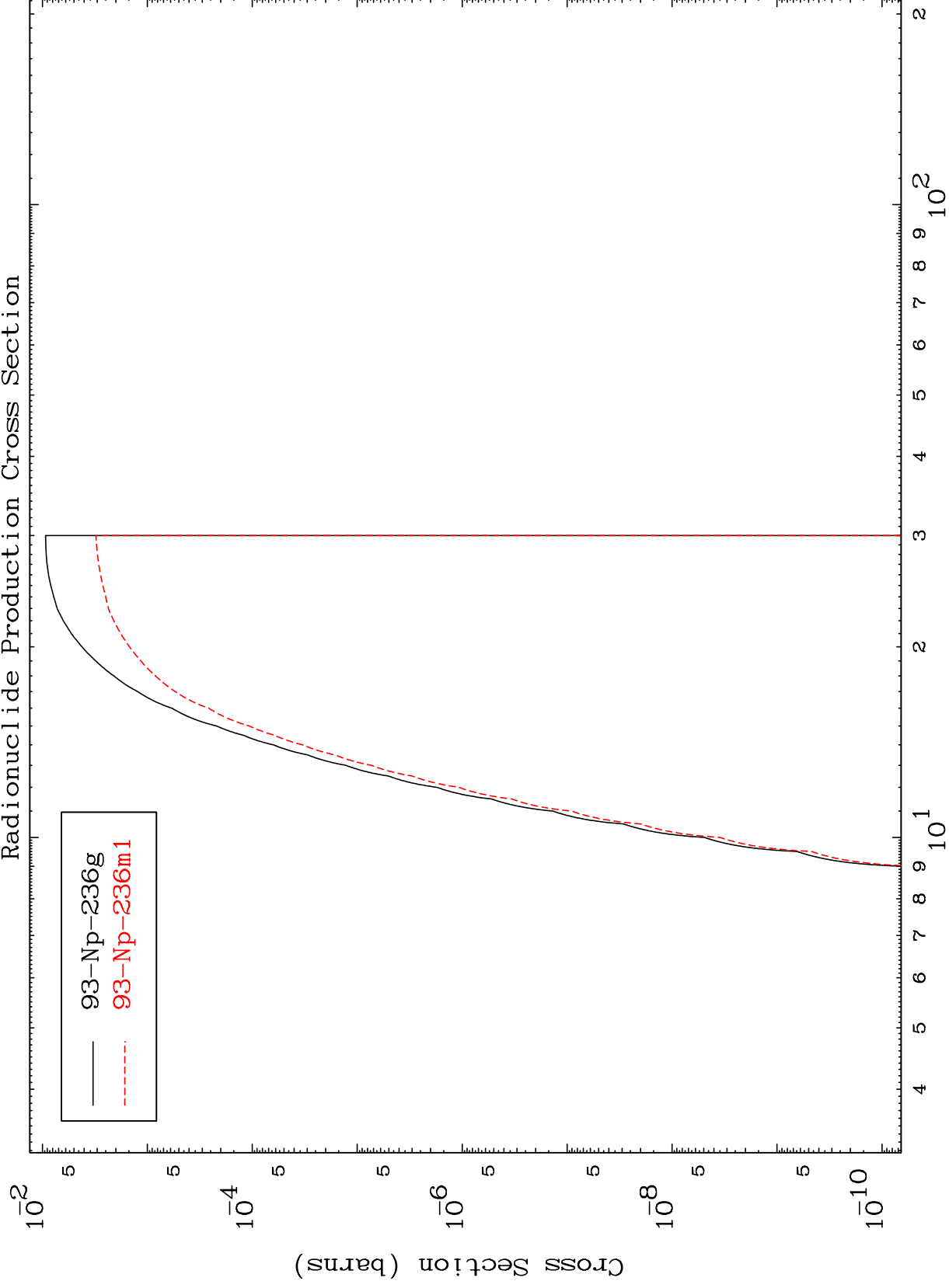
Radionuclide Production Cross Section



MAT 9431

94-Pu-237

Radionuclide Production Cross Section



94-Pu-237

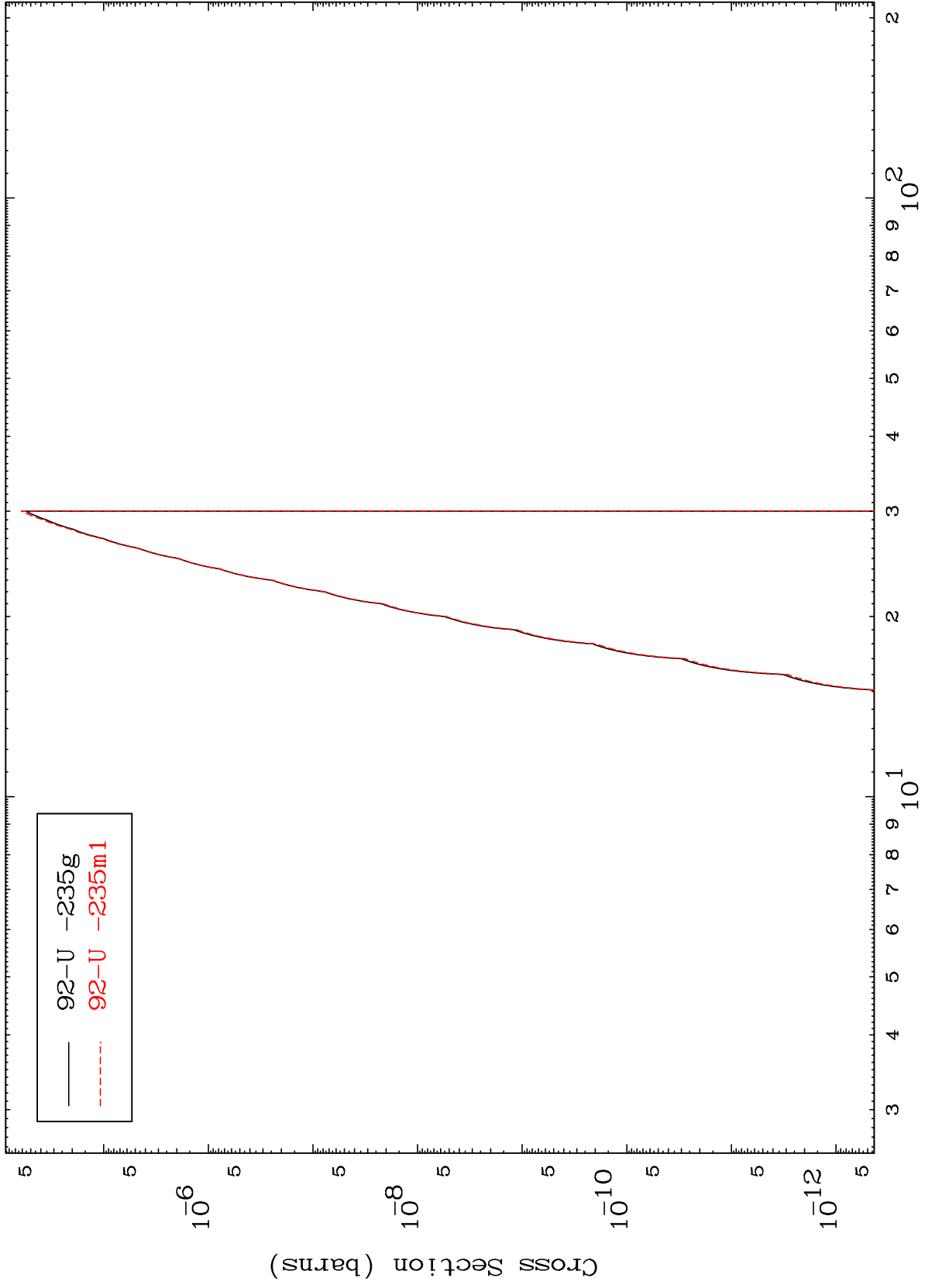
Incident Energy (MeV)

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94-Pu-237

(n,He-3)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

94-Pu-237

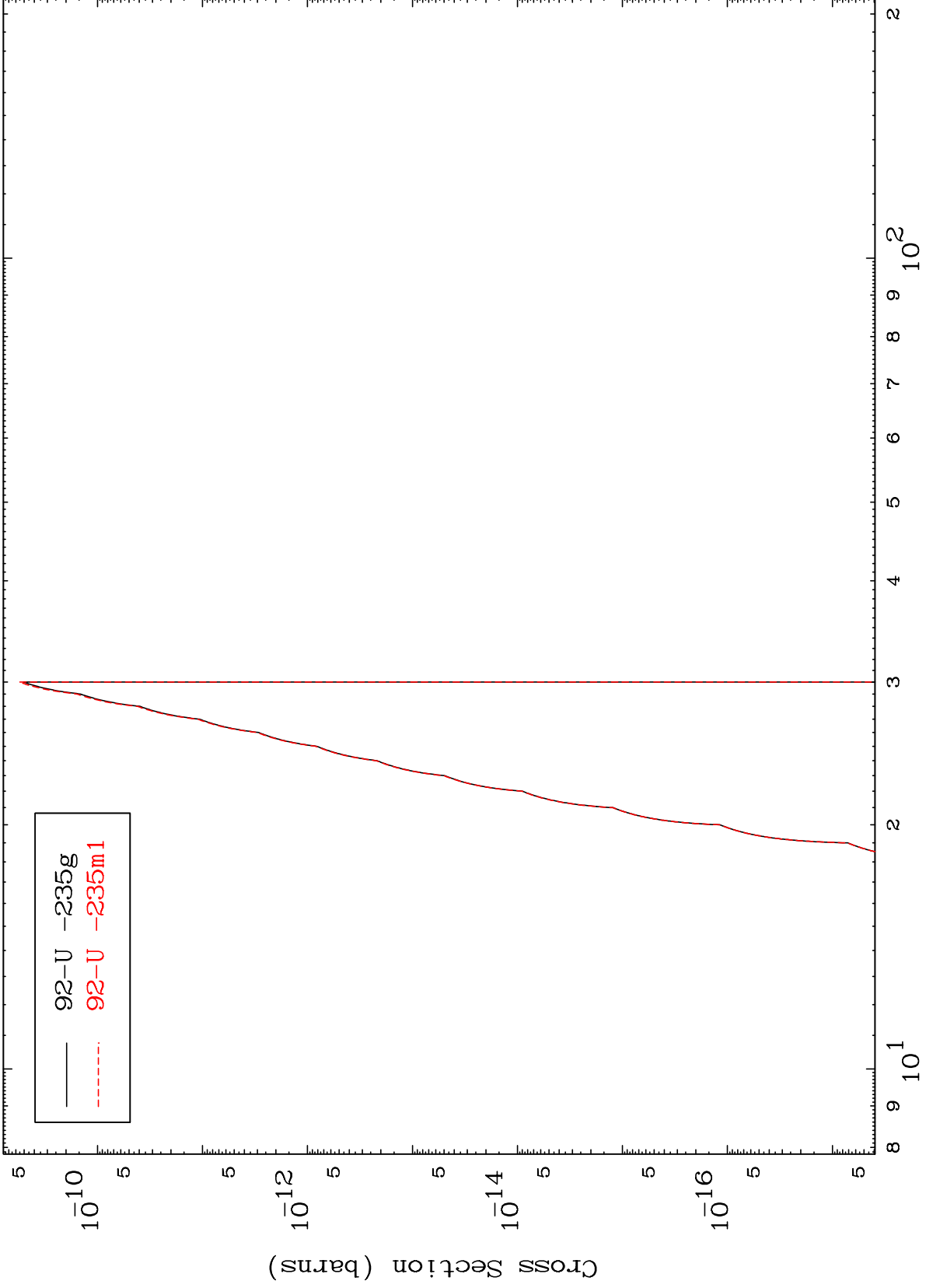


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(n,p) d

94-Pu-237

Radionuclide Production Cross Section



32

Incident Energy (MeV)

94-Pu-237