

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

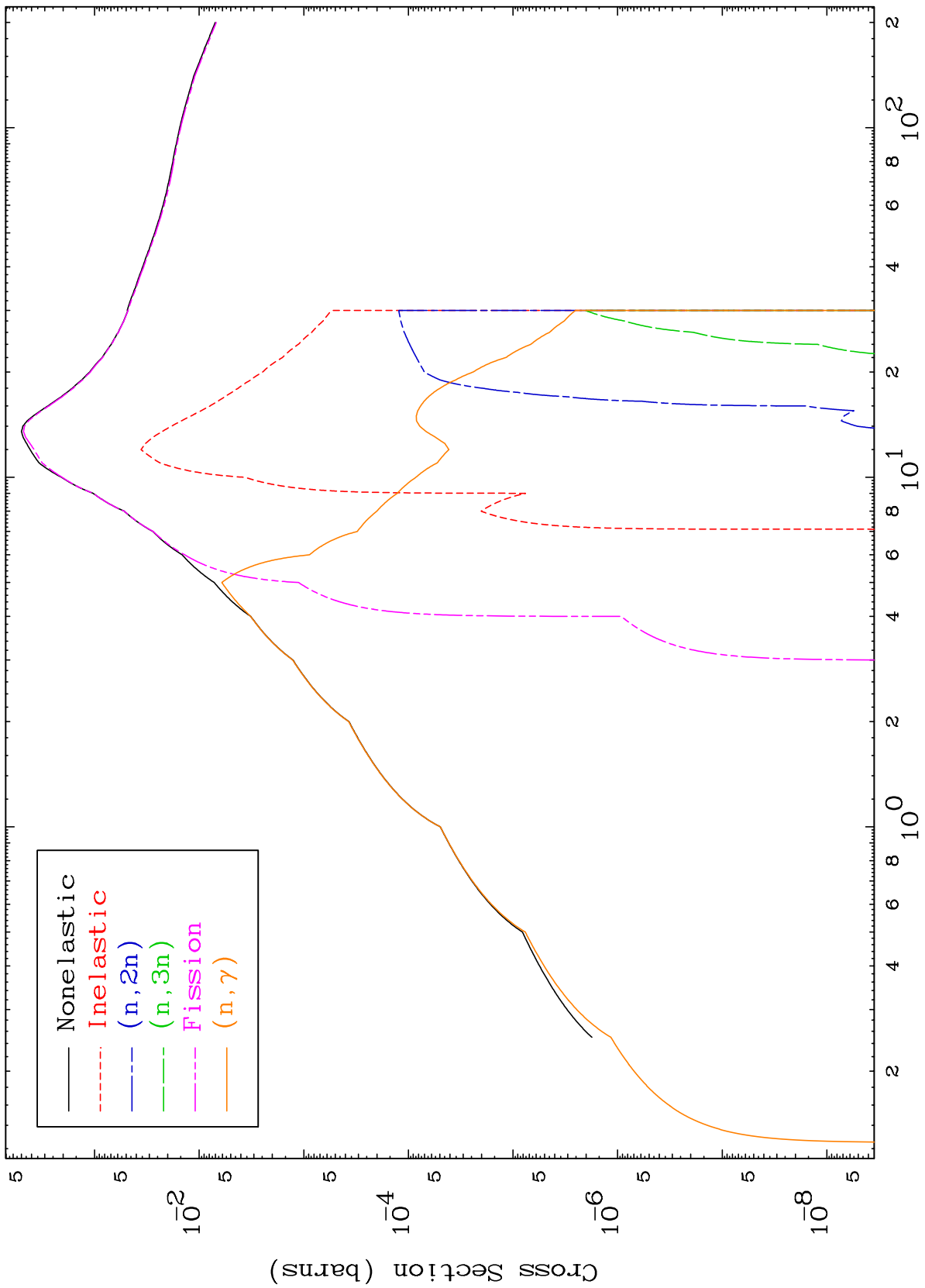
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

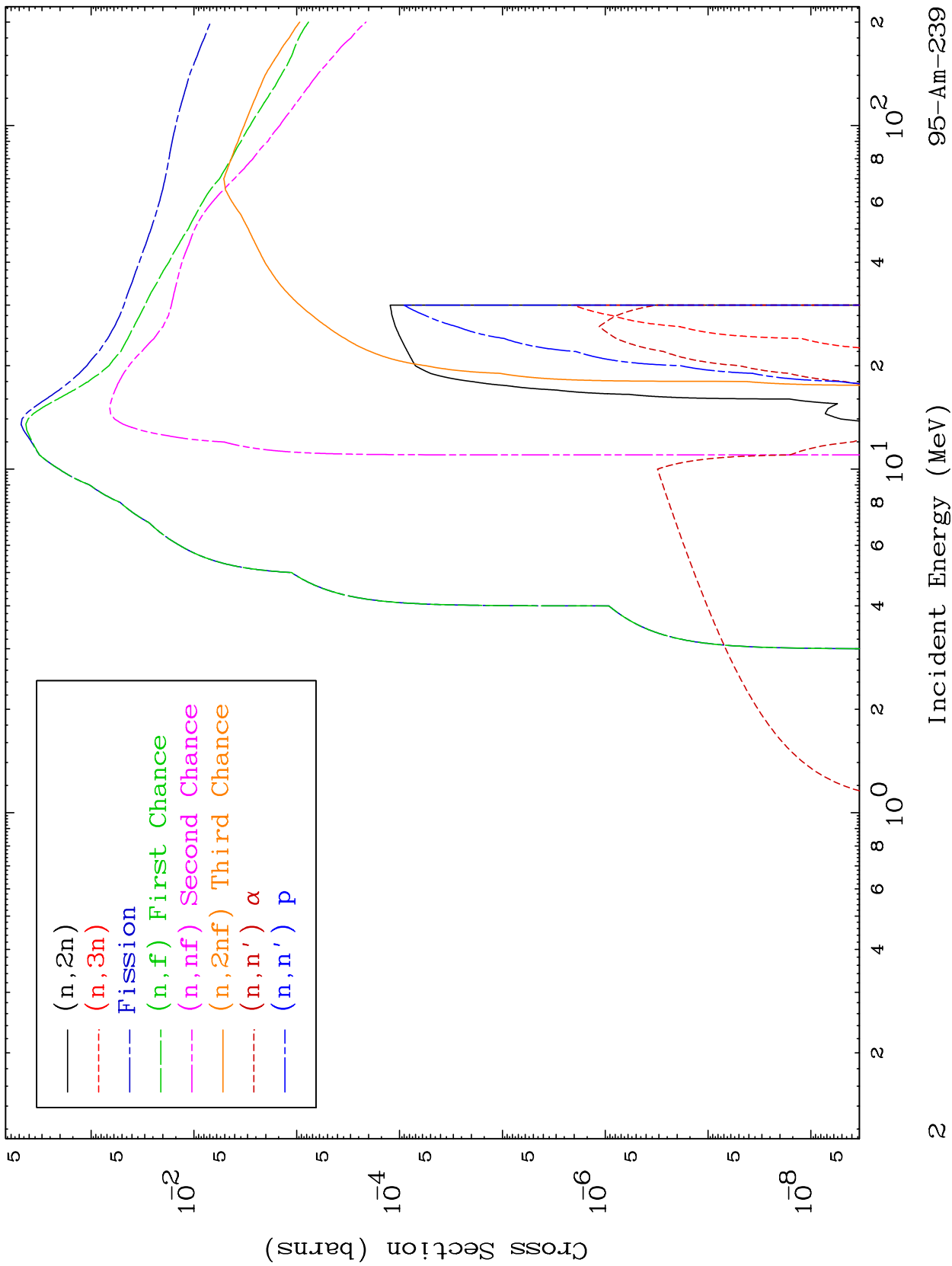
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

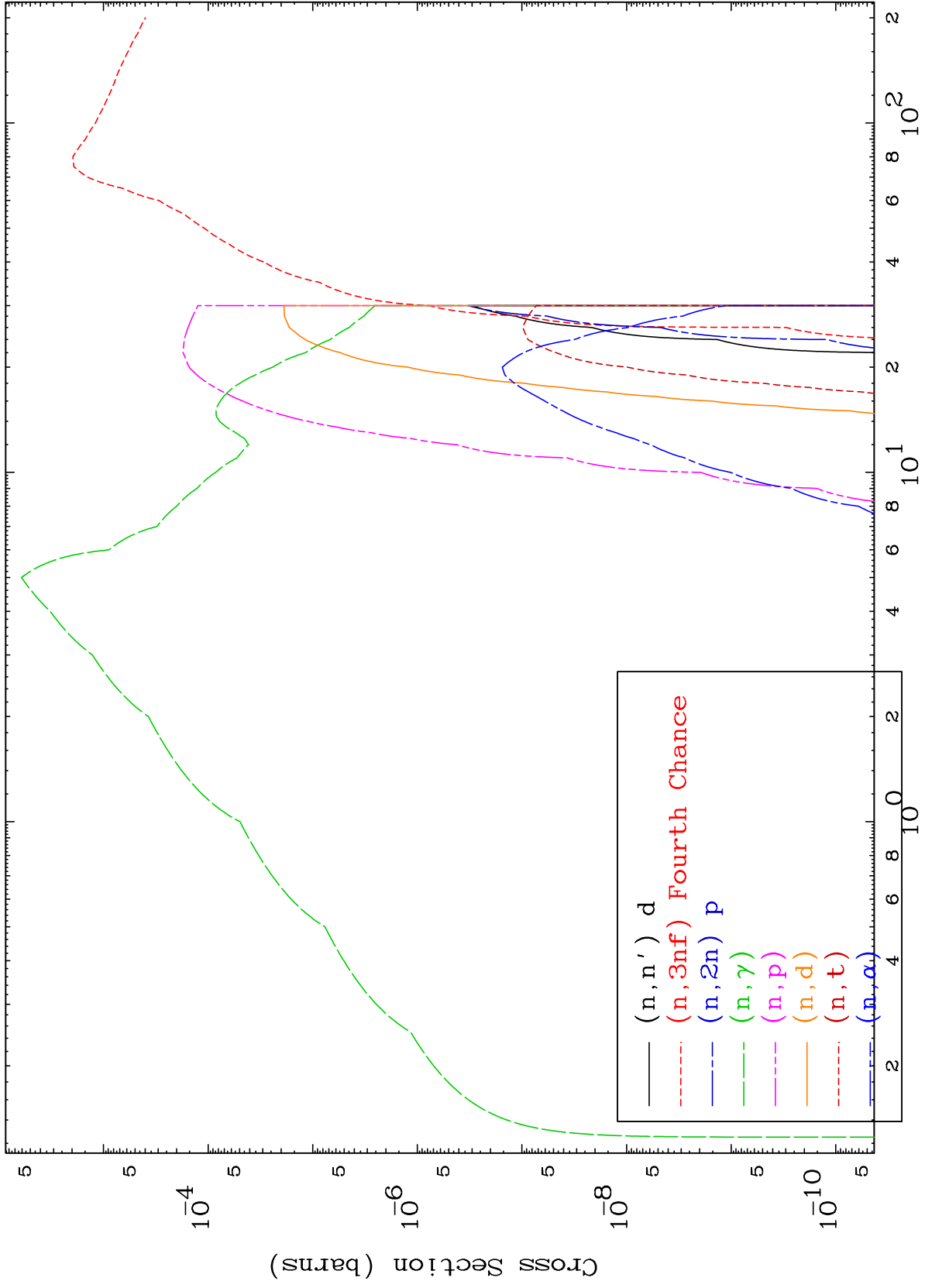




MAT 9537

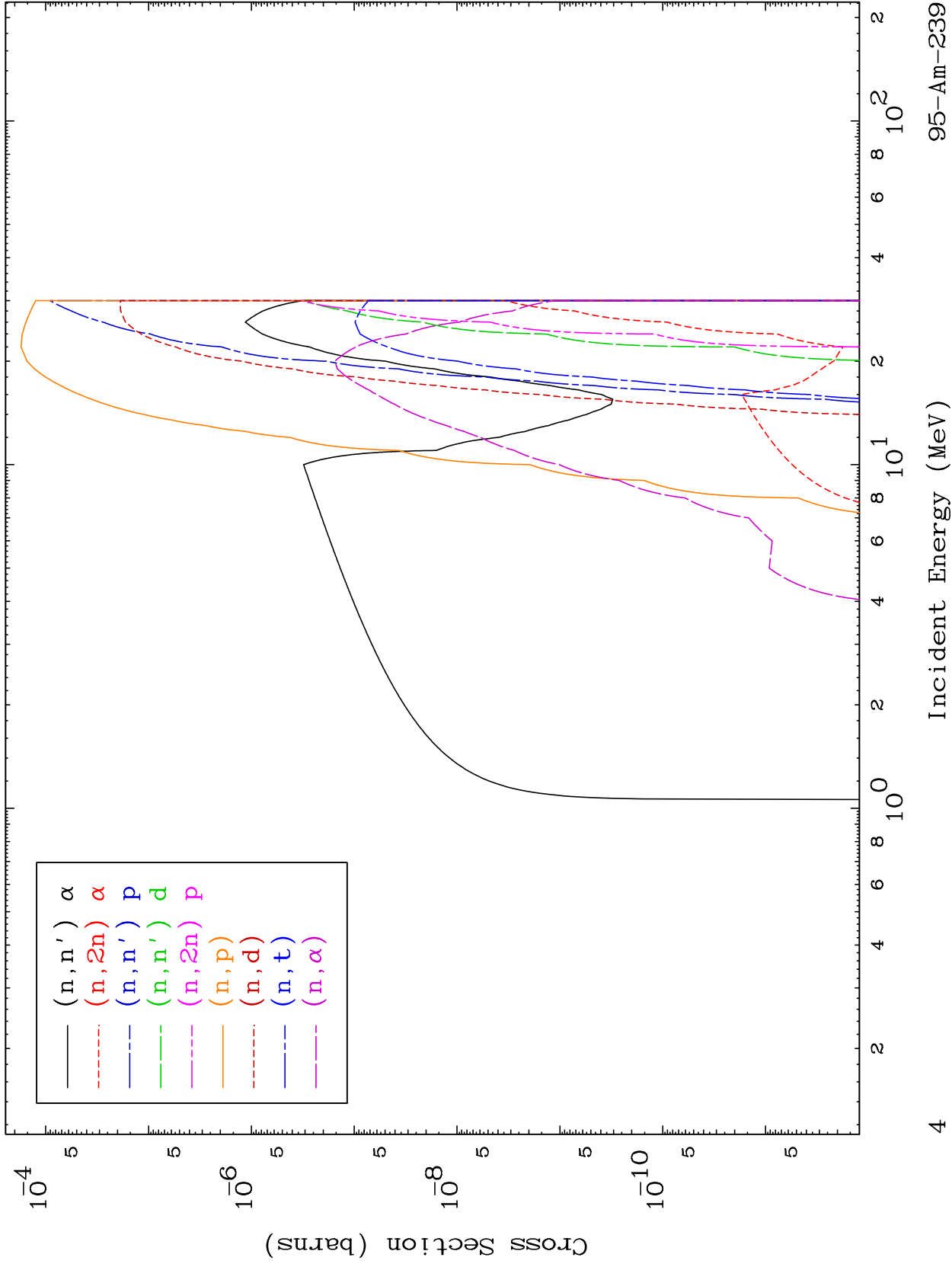
Photon Neutron Absorption
0 Kelvin Cross Sections

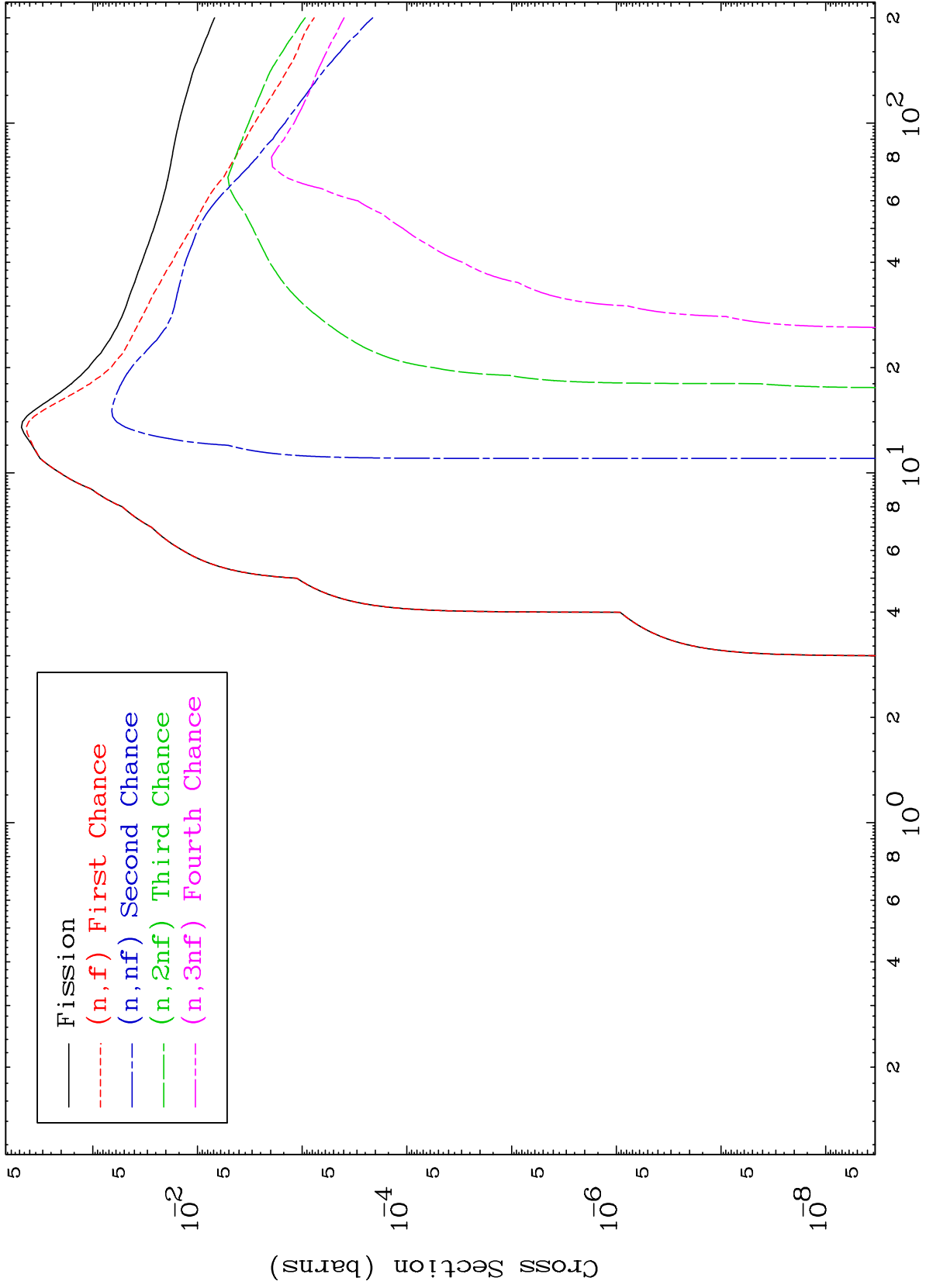
95-Am-239



95-Am-239

Incident Energy (MeV)



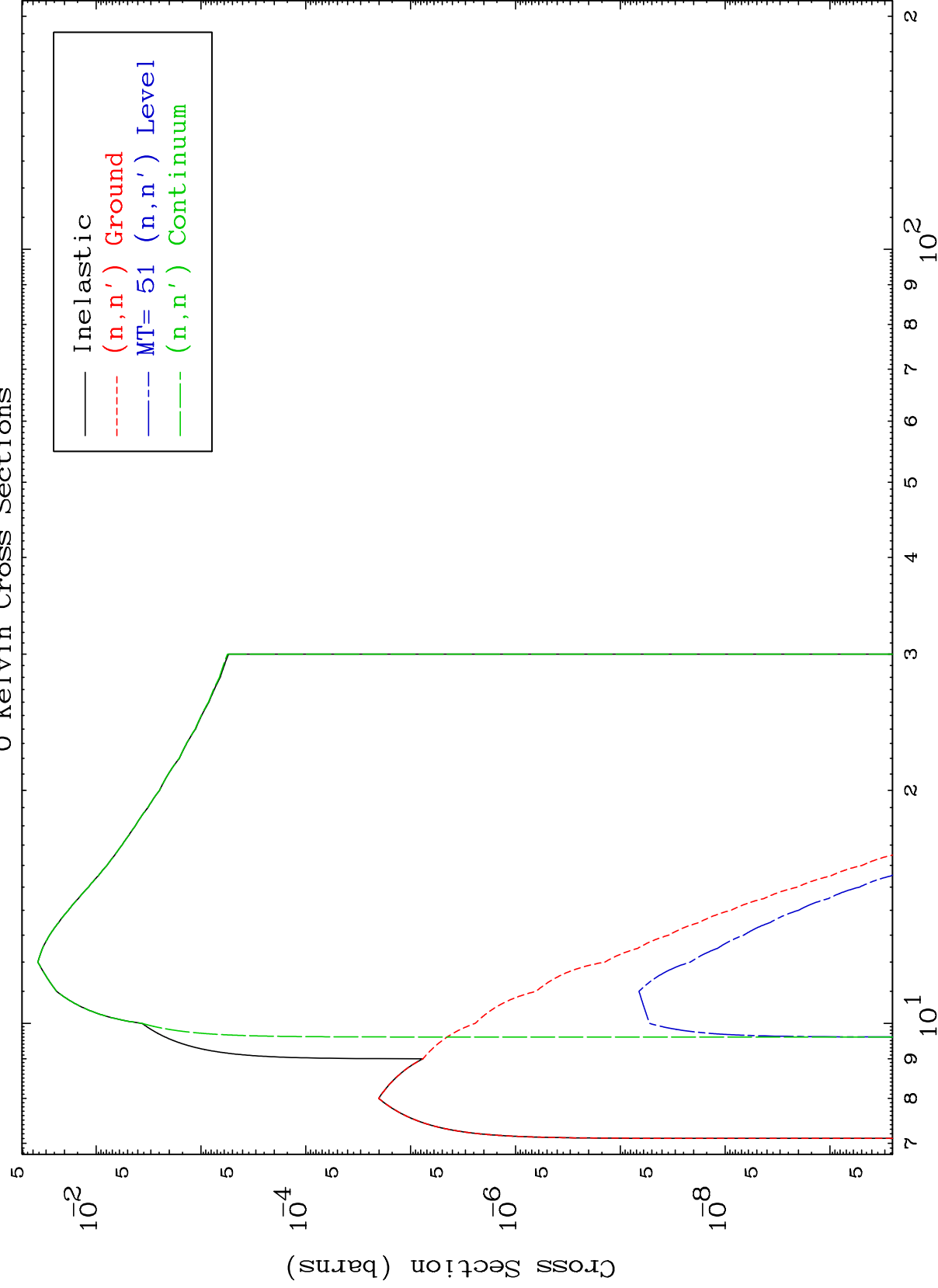


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(γ, n') Levels

95-Am-239

0 Kelvin Cross Sections



Incident Energy (MeV)

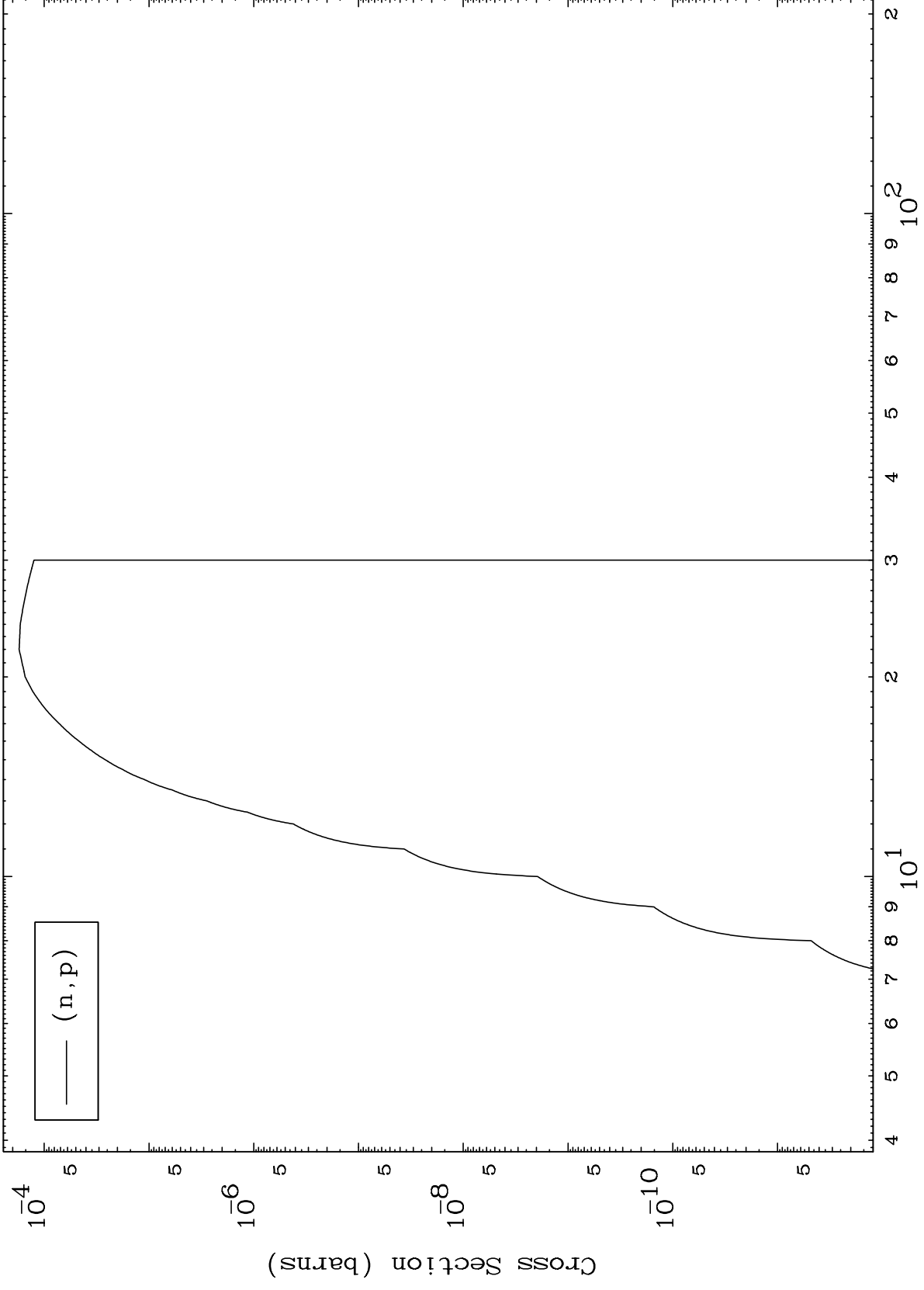
95-Am-239

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(γ, p) Levels
0 Kelvin Cross Sections

95-Am-239



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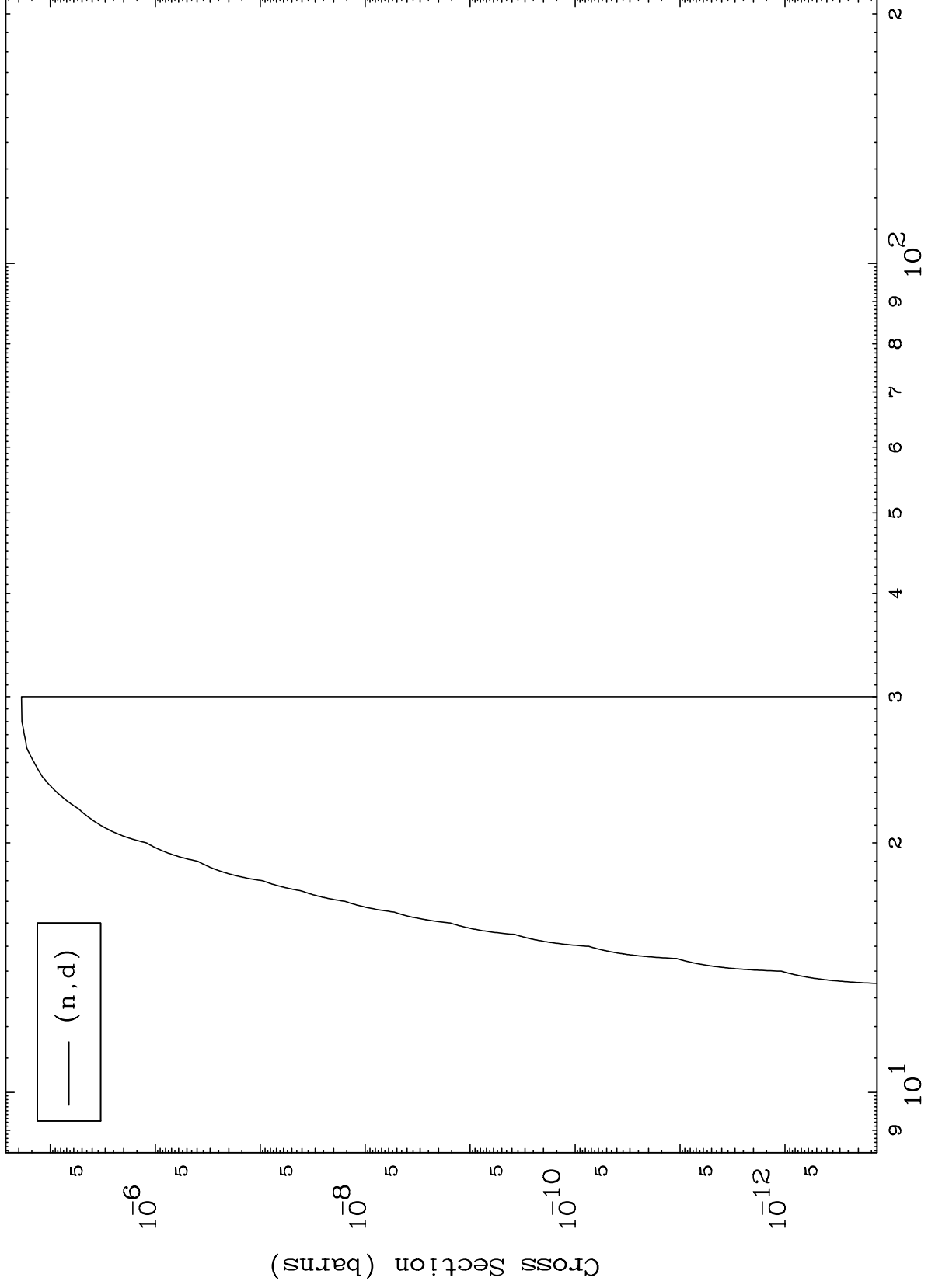
Incident Energy (MeV)

95-Am-239

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(γ, d) Levels
0 Kelvin Cross Sections

95-Am-239



(n, d)

8

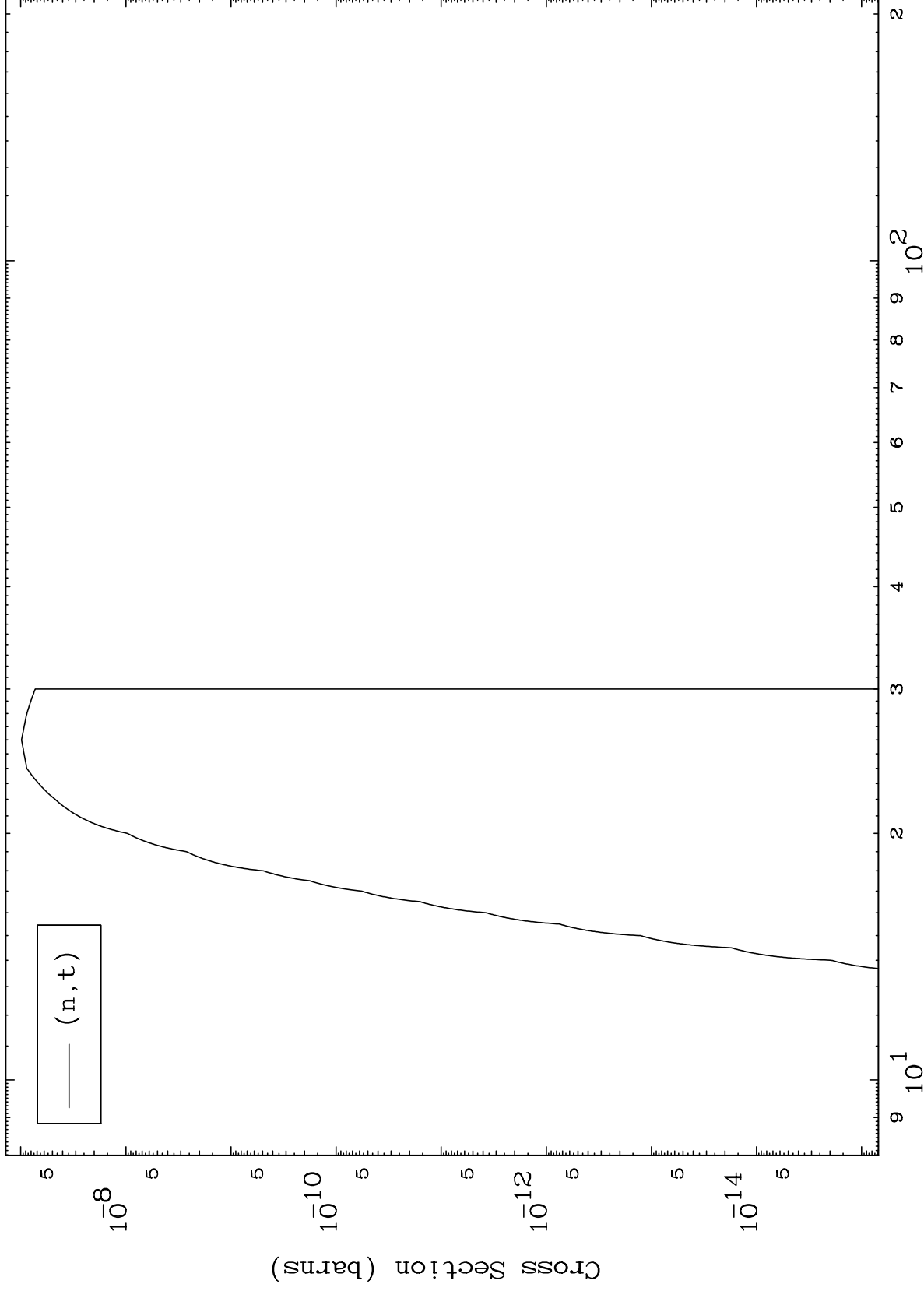
Incident Energy (MeV)

95-Am-239

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(γ, t) Levels
0 Kelvin Cross Sections

95-Am-239



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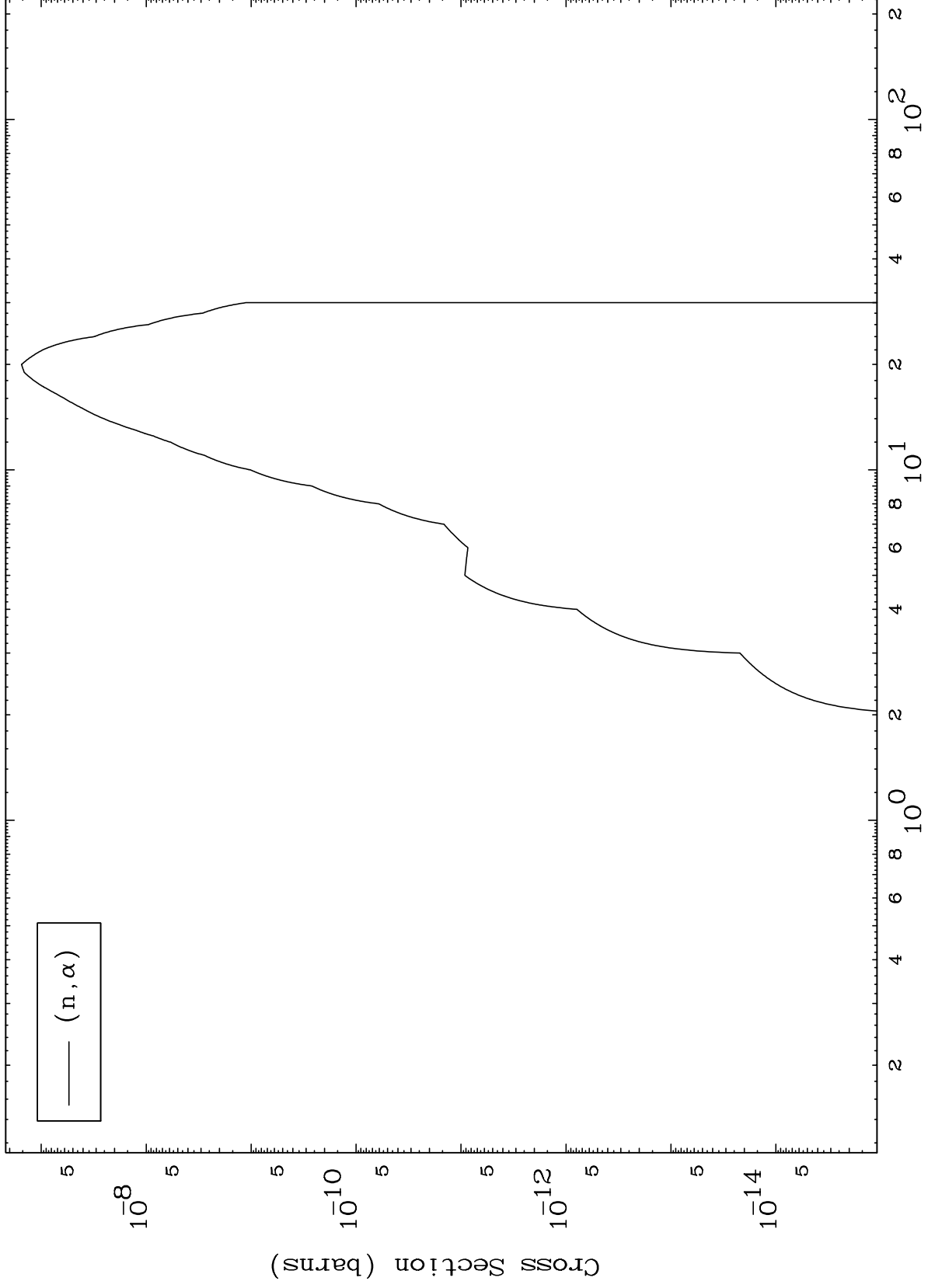
Incident Energy (MeV)

95-Am-239

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(γ, α) Levels
0 Kelvin Cross Sections

95-Am-239

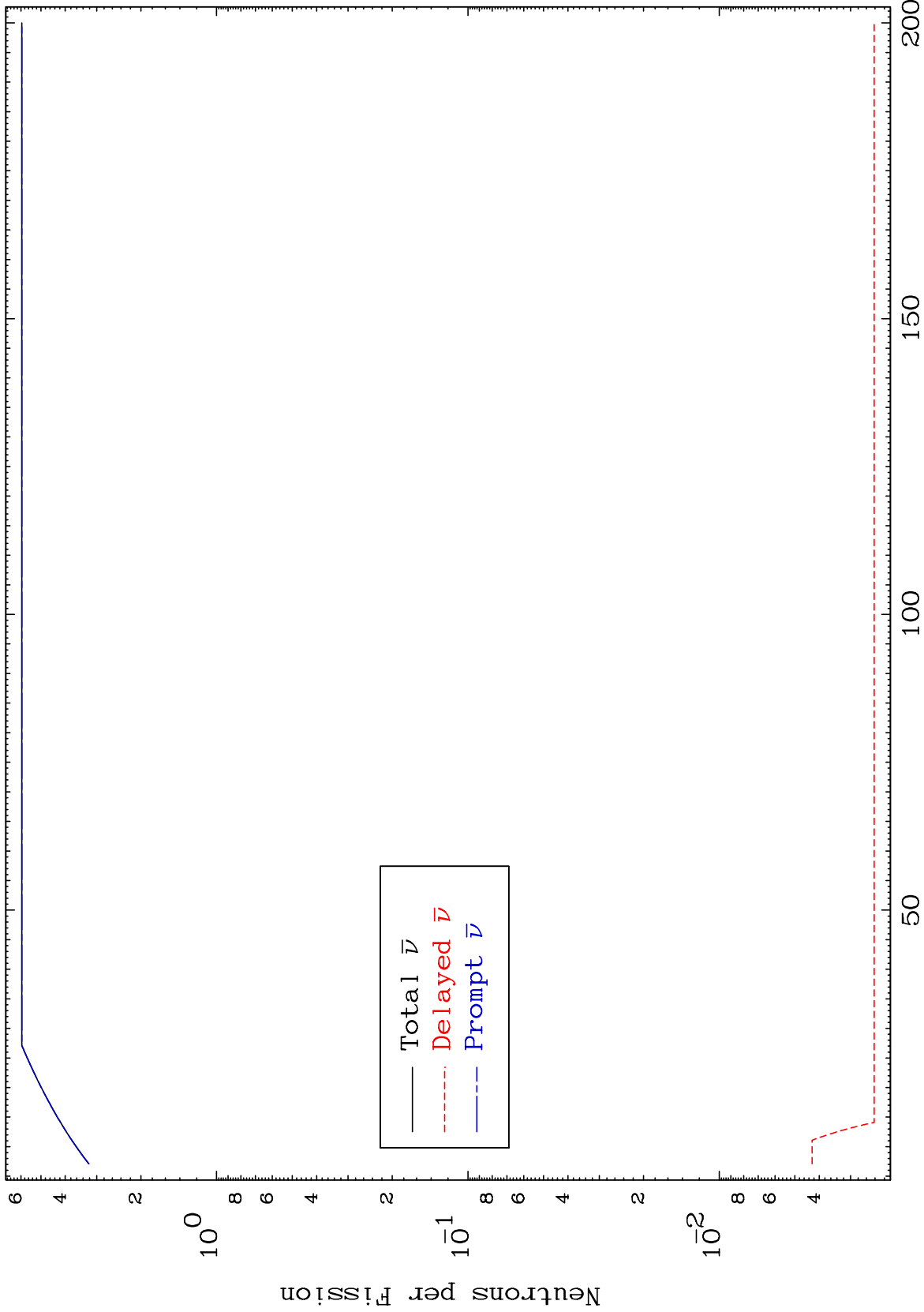


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Incident Energy (MeV)

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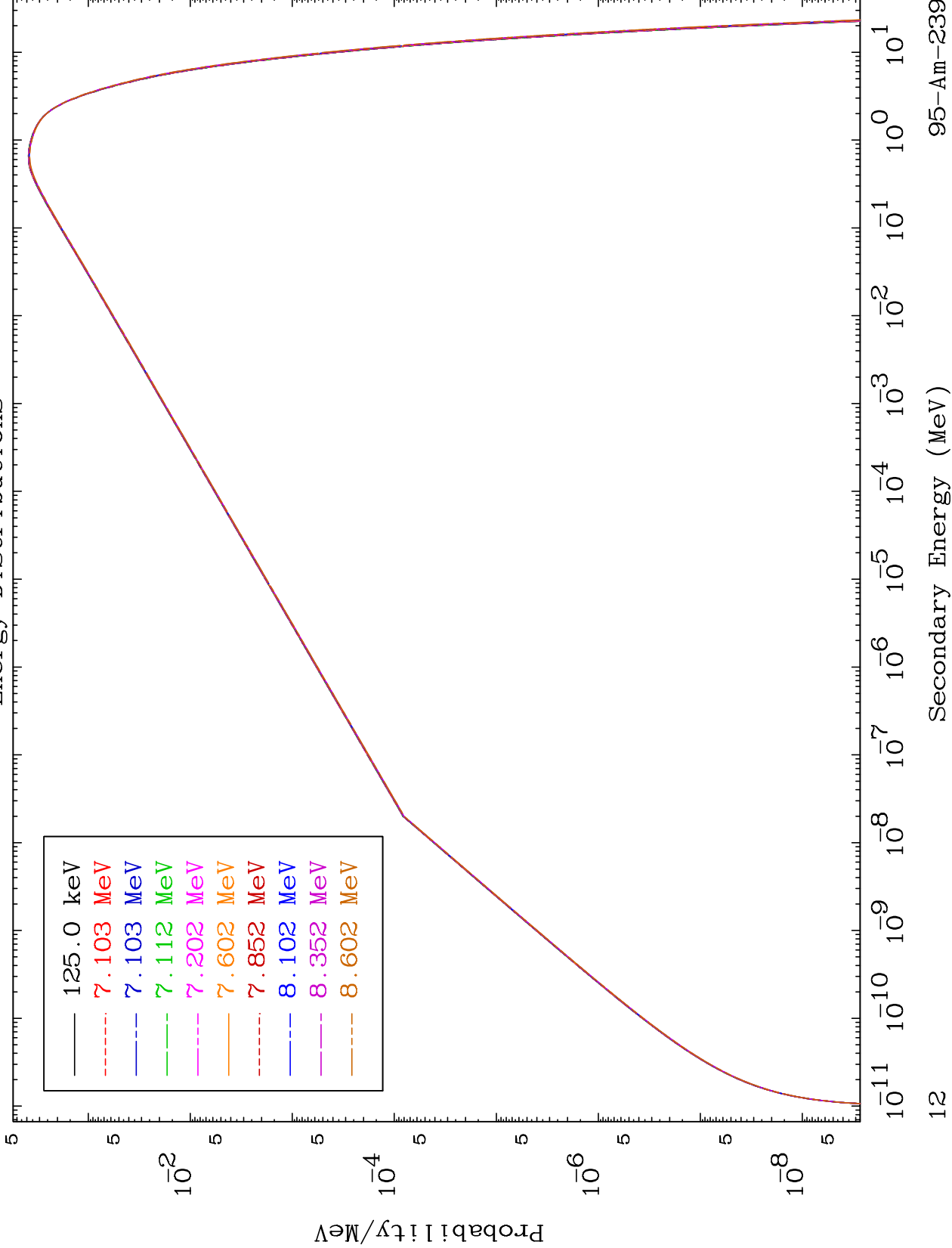
Photon Neutrons
per Fission



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Fission Energy Distributions

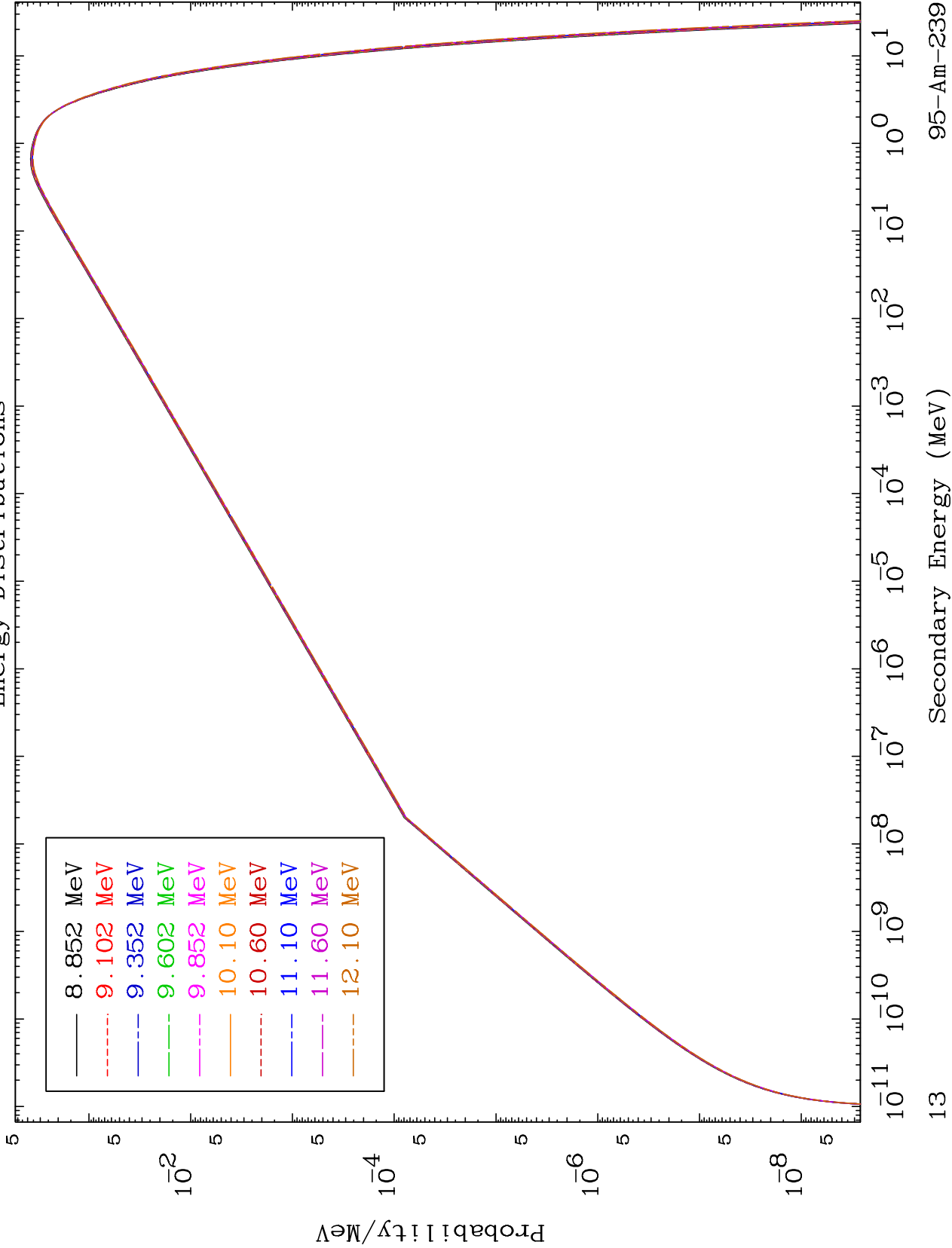
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Fission Energy Distributions

95-Am-239



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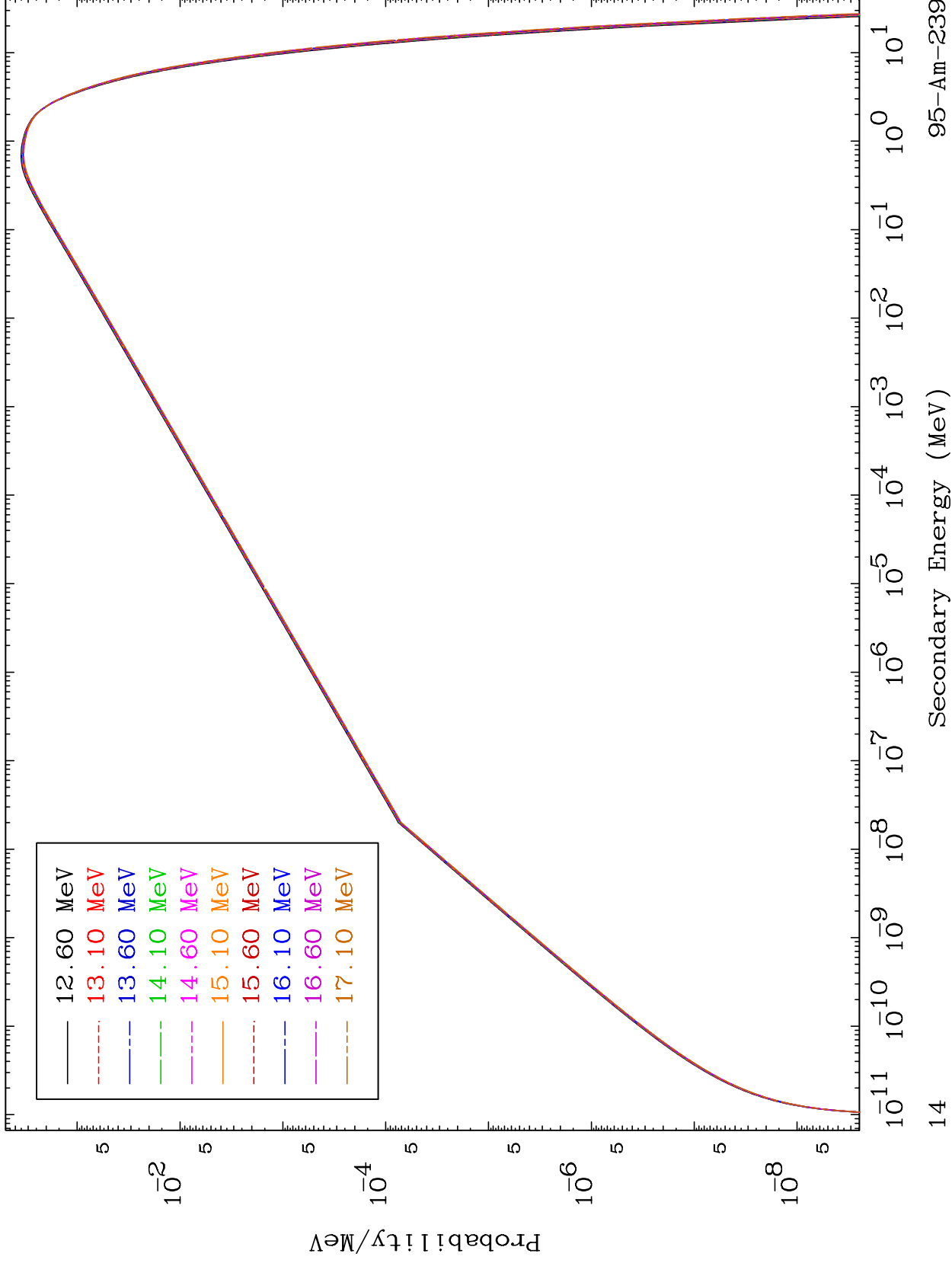
Secondary Energy (MeV)

13

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Fission Energy Distributions

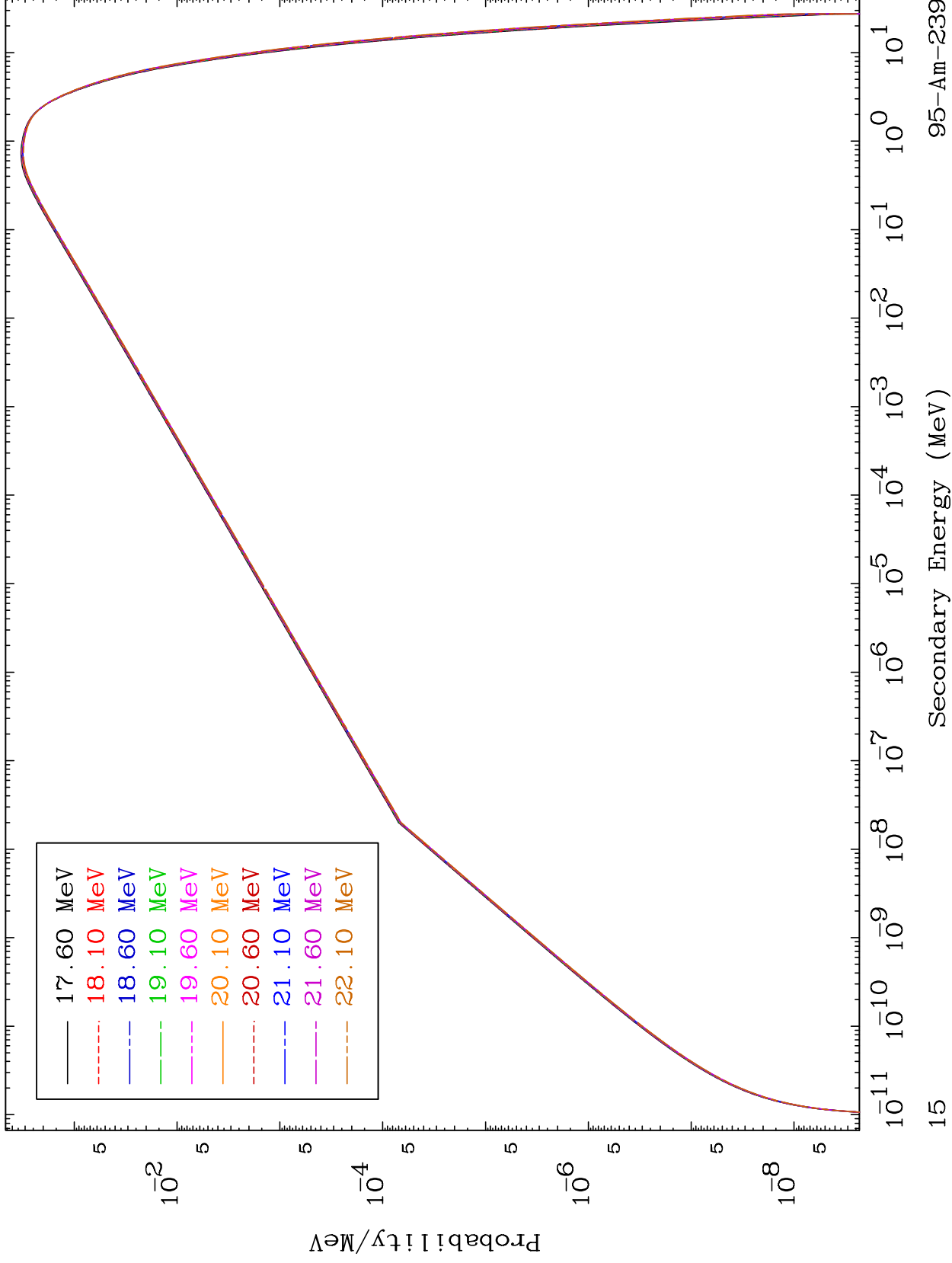
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Fission Energy Distributions

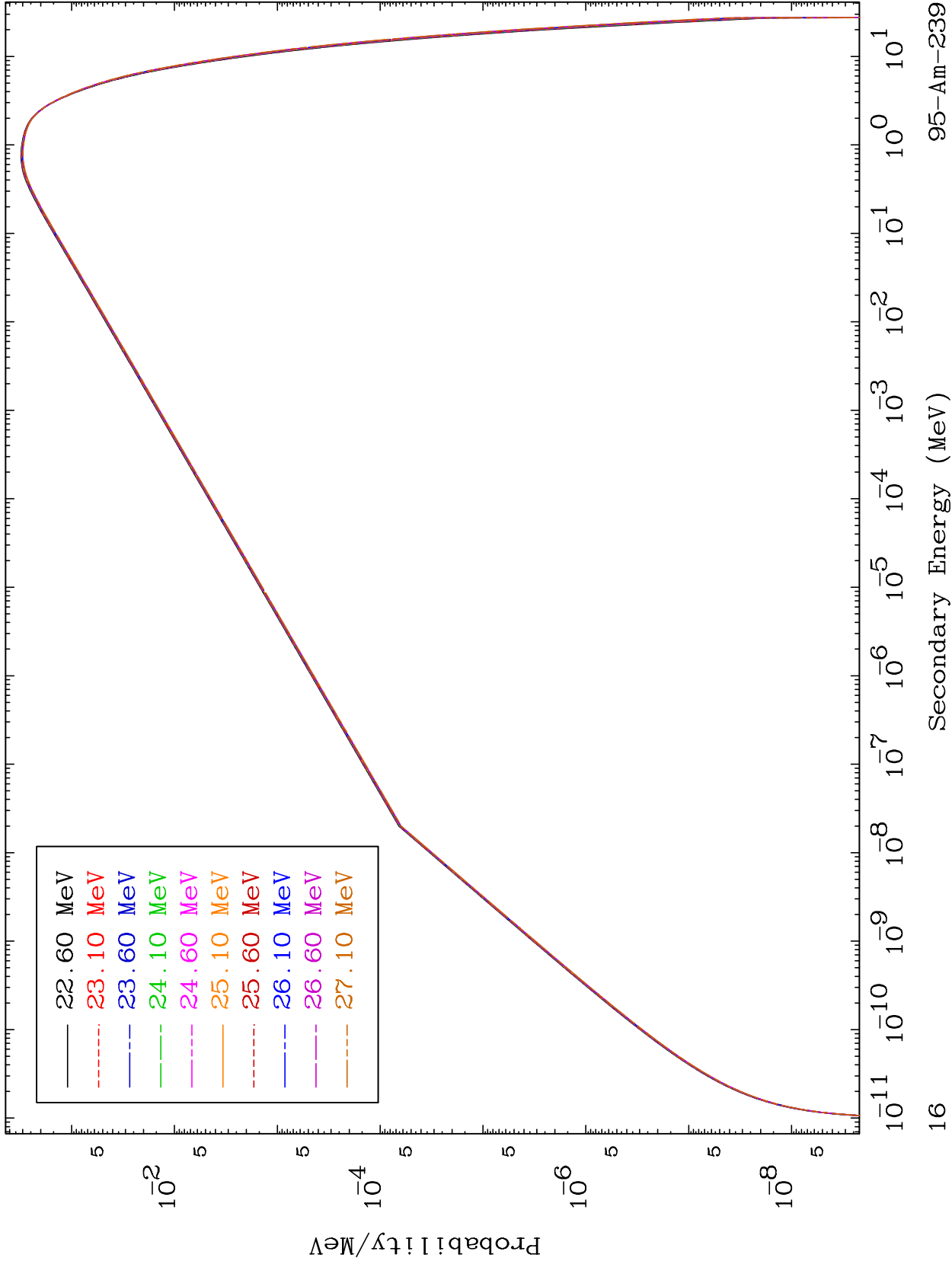
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Fission Energy Distributions

95-Am-239



95-Am-239

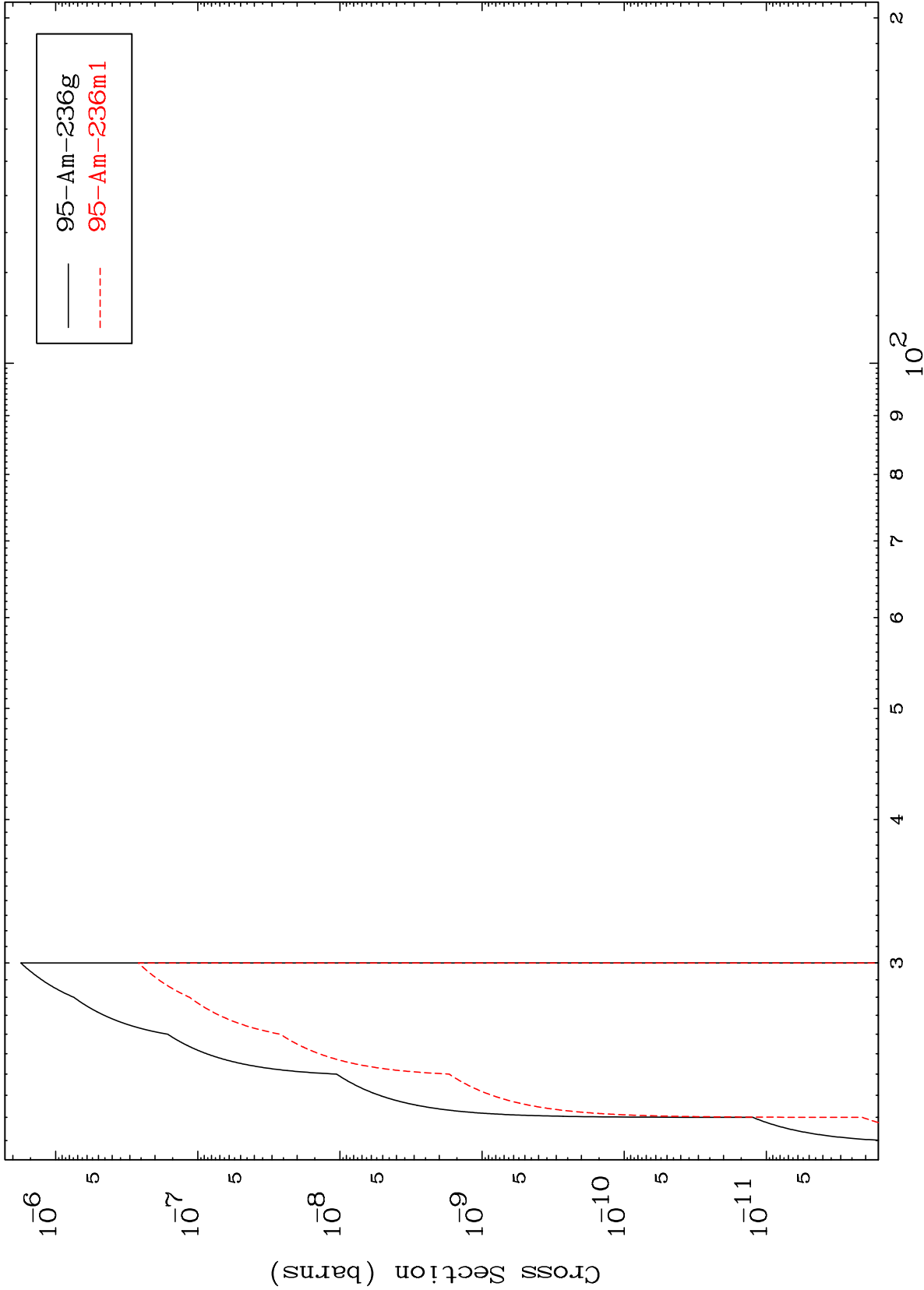
16

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(n,3n)

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Radionuclide Production Cross Section



17

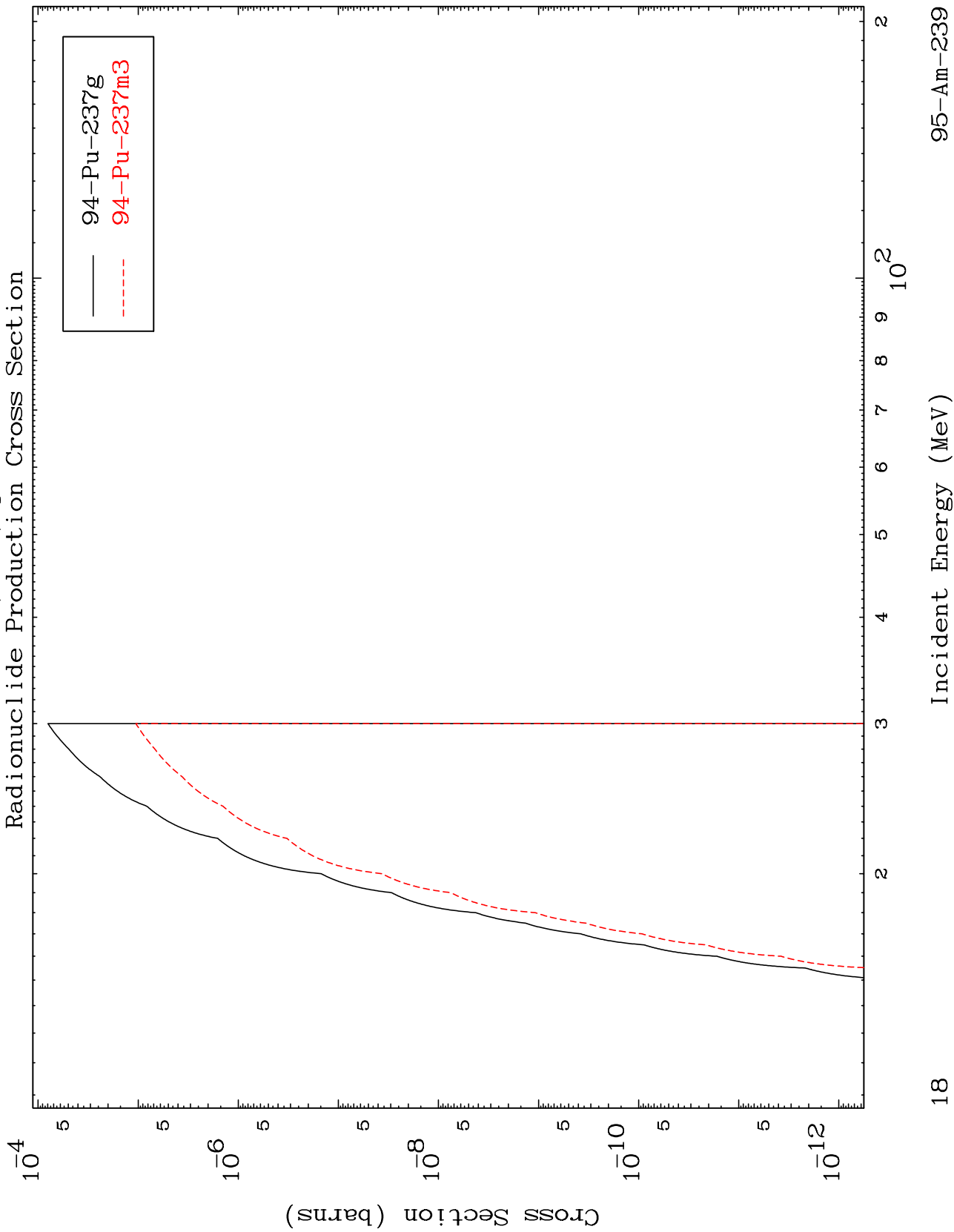
Incident Energy (MeV)

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(n,n') p

95-Am-239



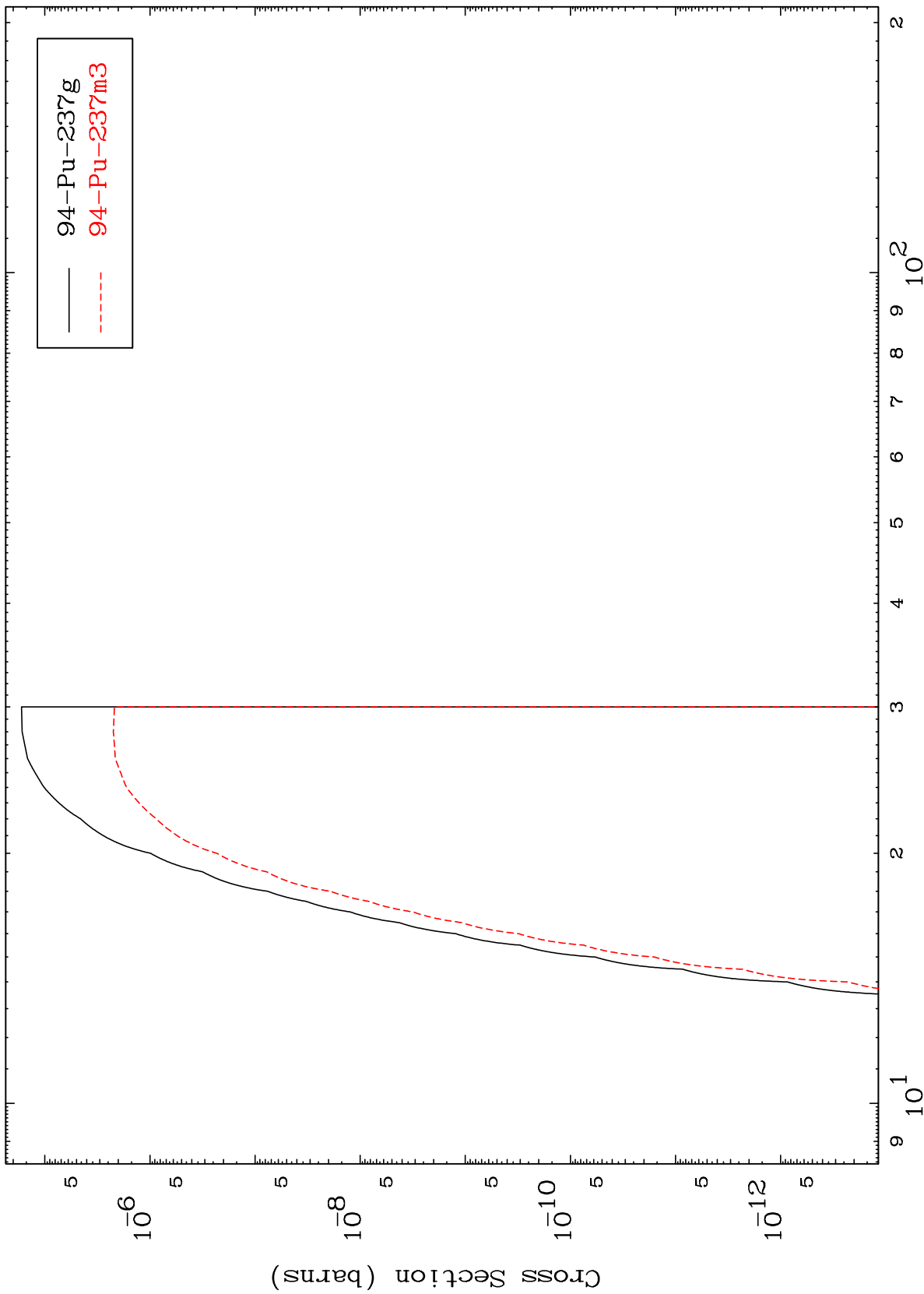
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95-Am-239

(n,d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

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