

Program EVALPLOT
(Version 2021-1)

by

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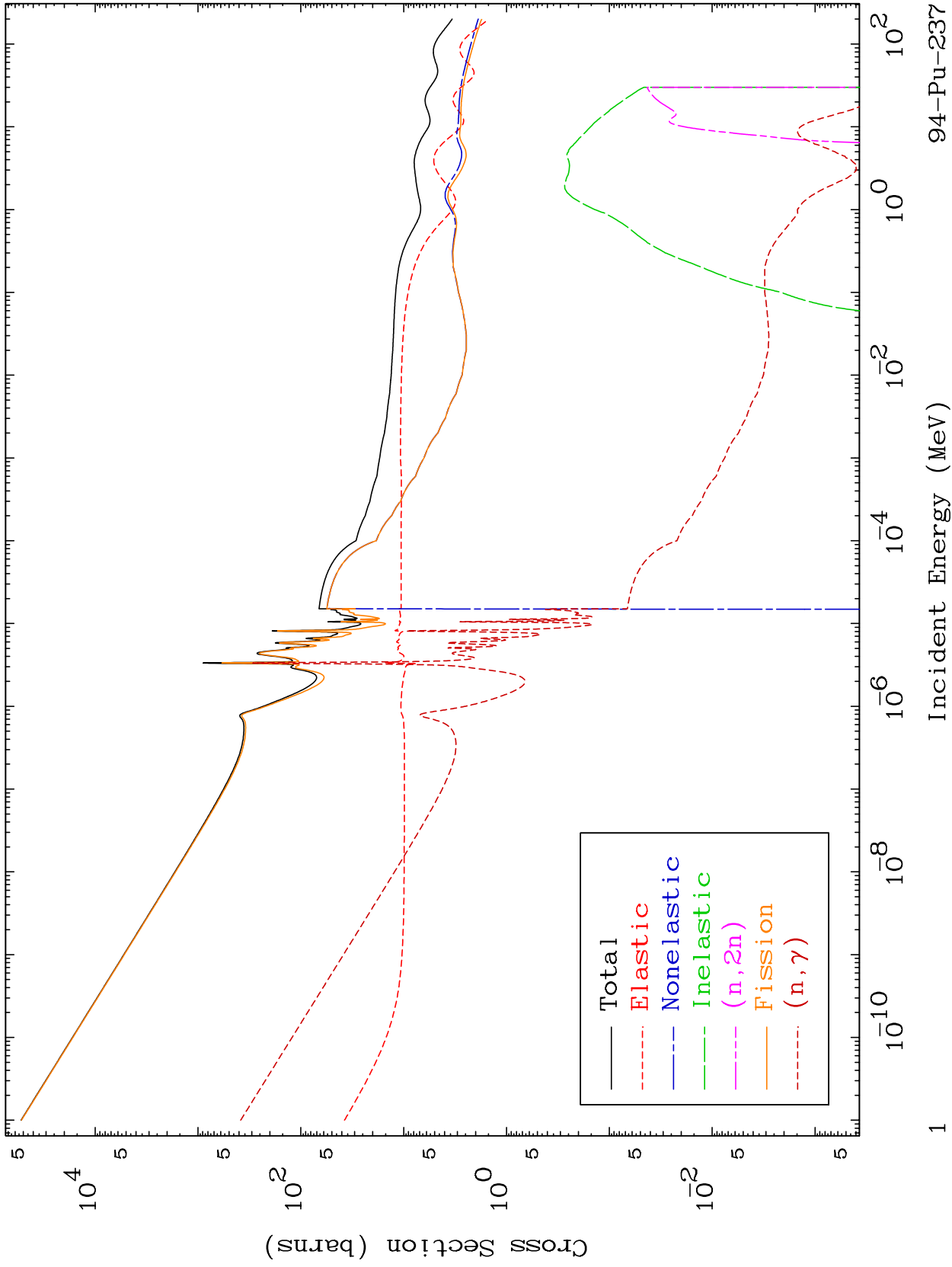
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9431

Neutron Major
293 Kelvin Cross Sections

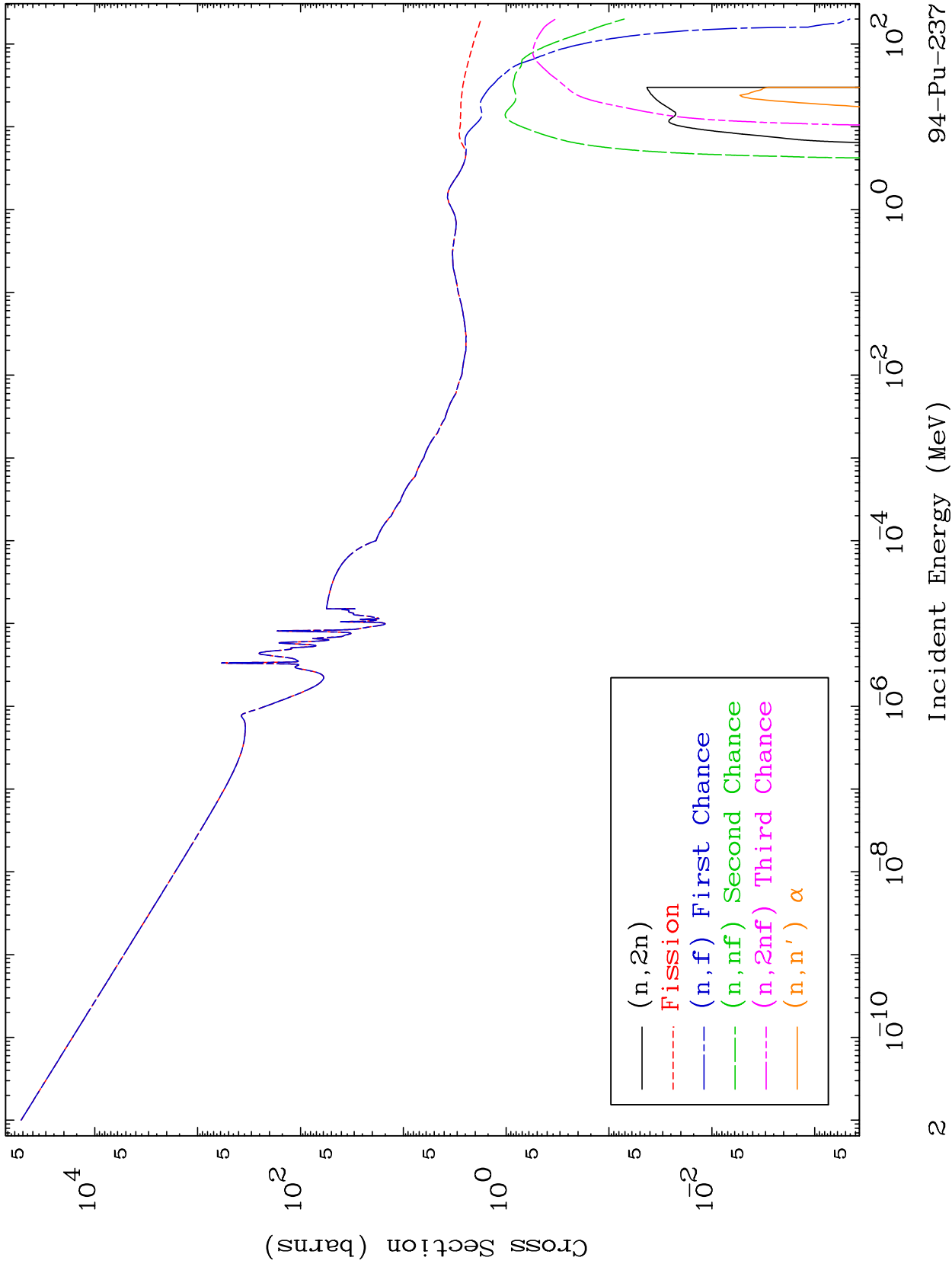
94-Pu-237



MAT 9431

Neutron Absorption
293 Kelvin Cross Sections

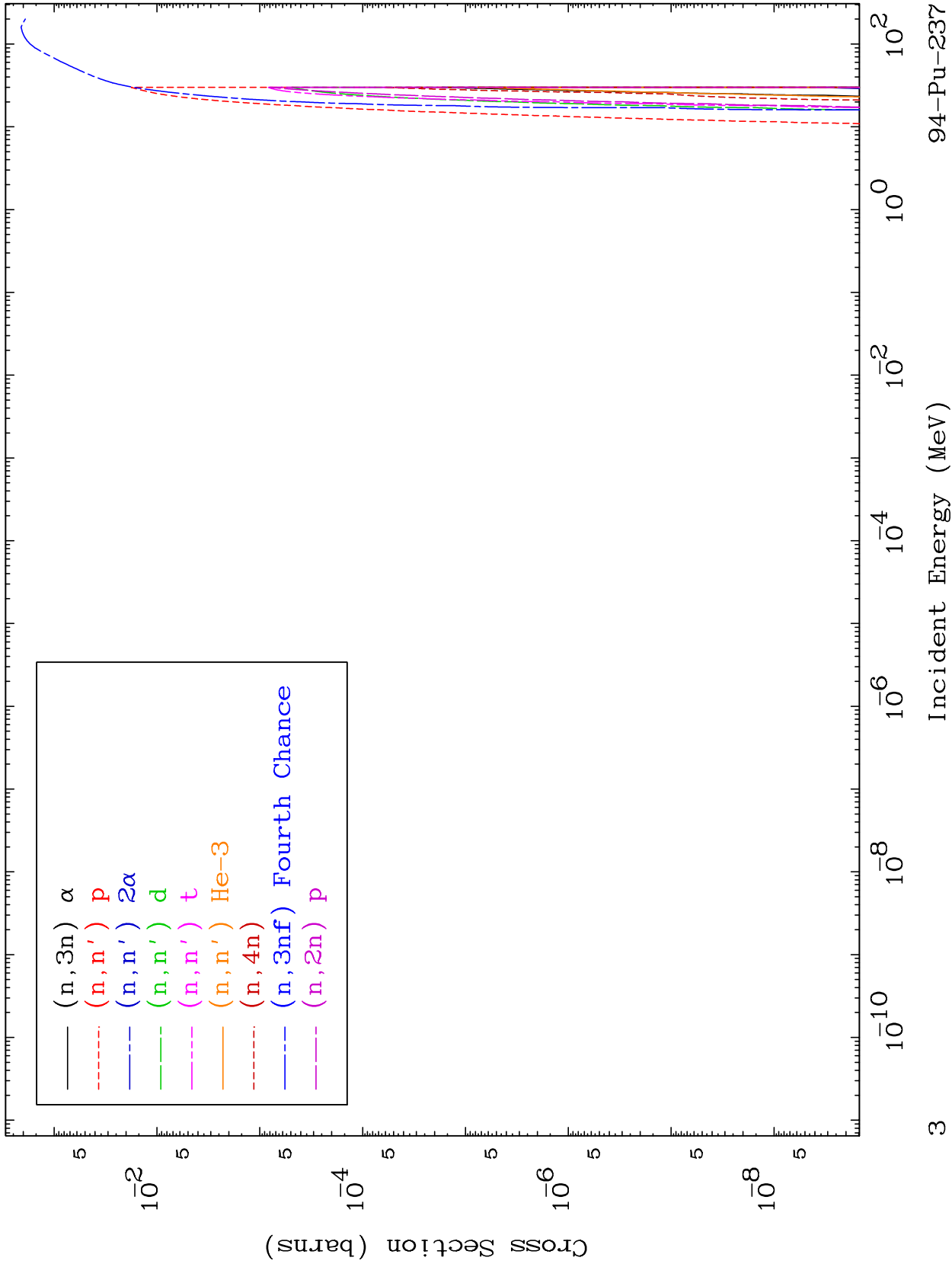
94-Pu-237



MAT 9431

Neutron Absorption
293 Kelvin Cross Sections

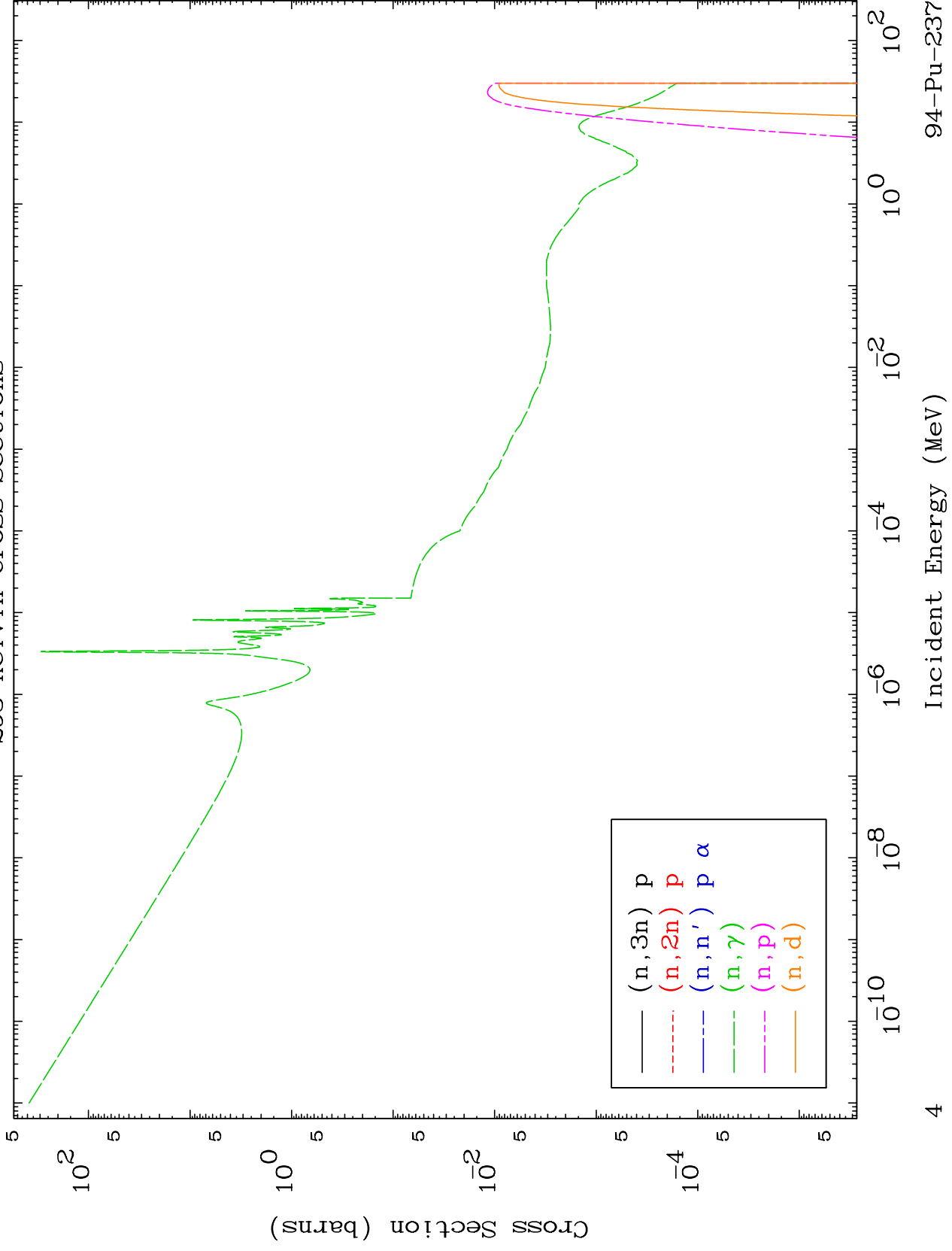
94-Pu-237



MAT 9431

Neutron Absorption
293 Kelvin Cross Sections

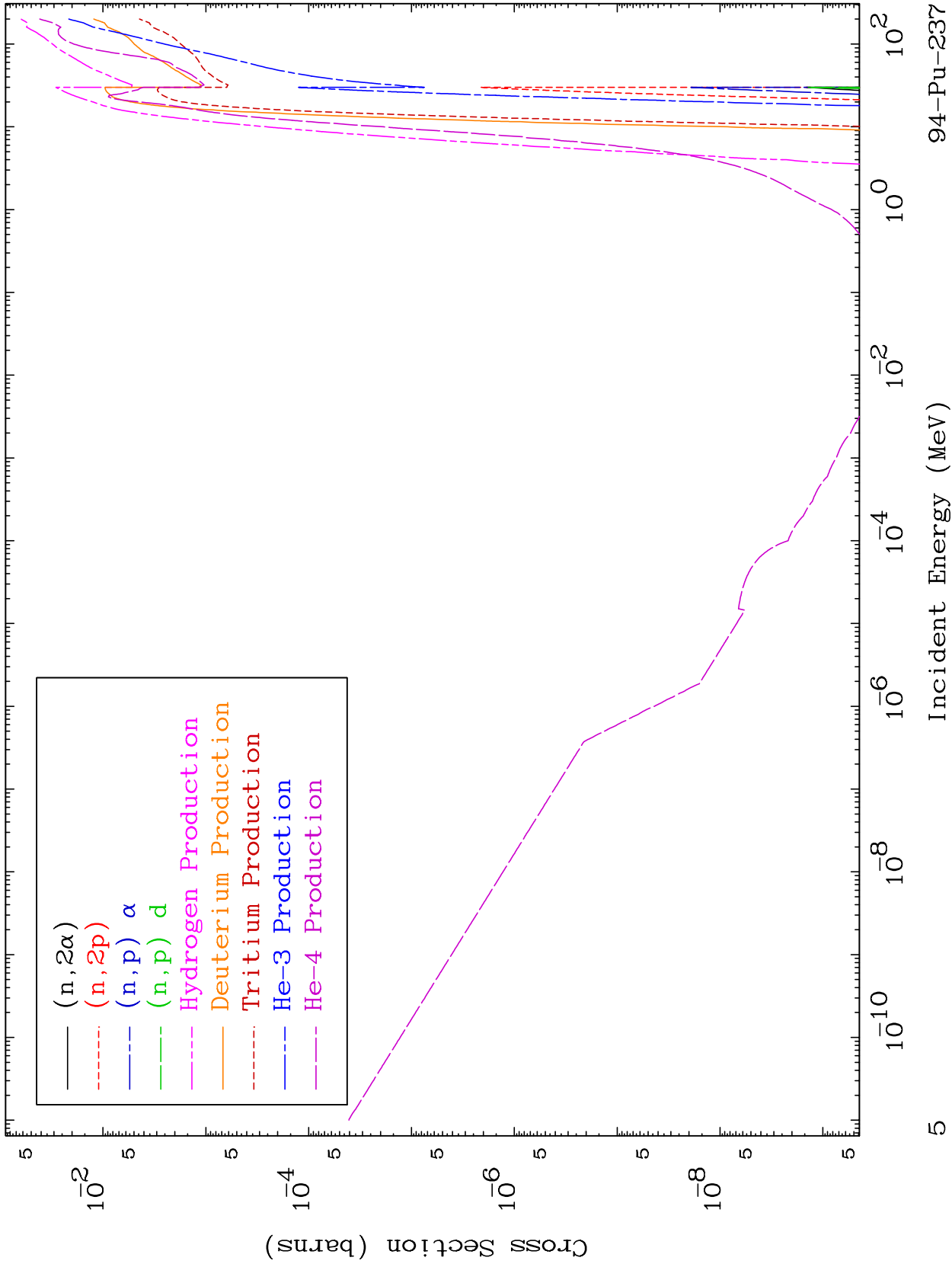
94-Pu-237



MAT 9431

Neutron Absorption
293 Kelvin Cross Sections

94-Pu-237

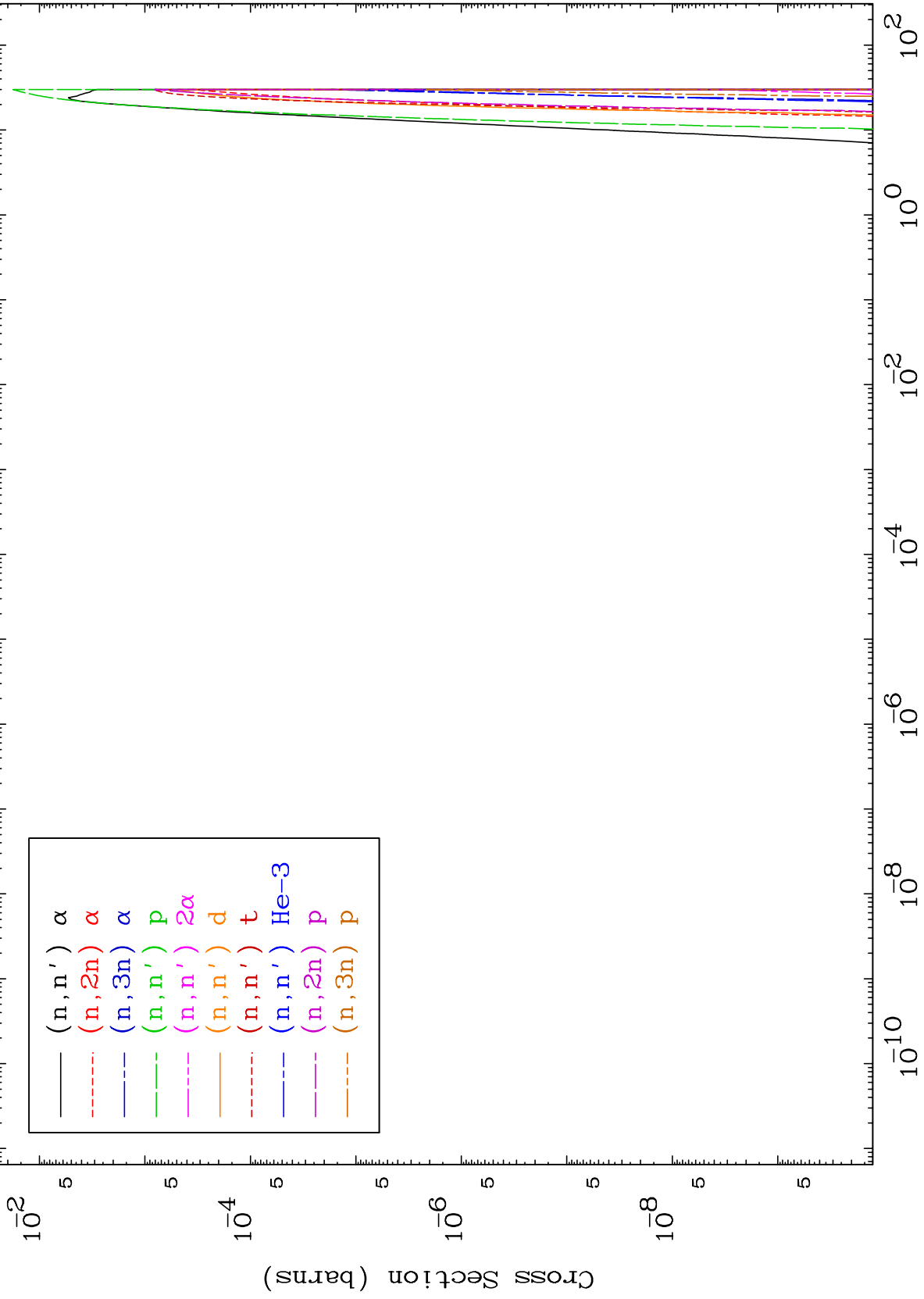


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MAT 9431

Charged Particle
293 Kelvin Cross Sections

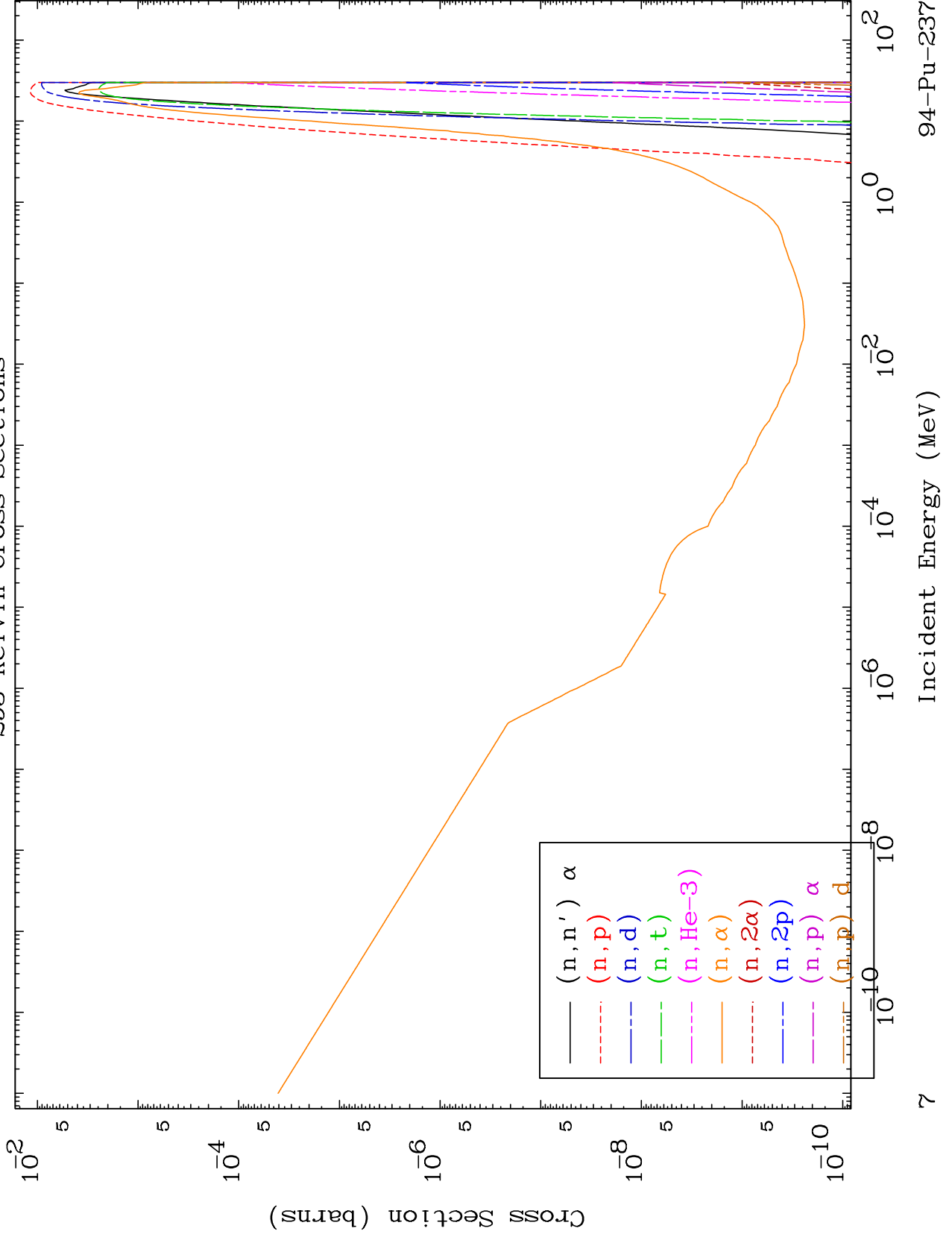
94-Pu-237



MAT 9431

Charged Particle
293 Kelvin Cross Sections

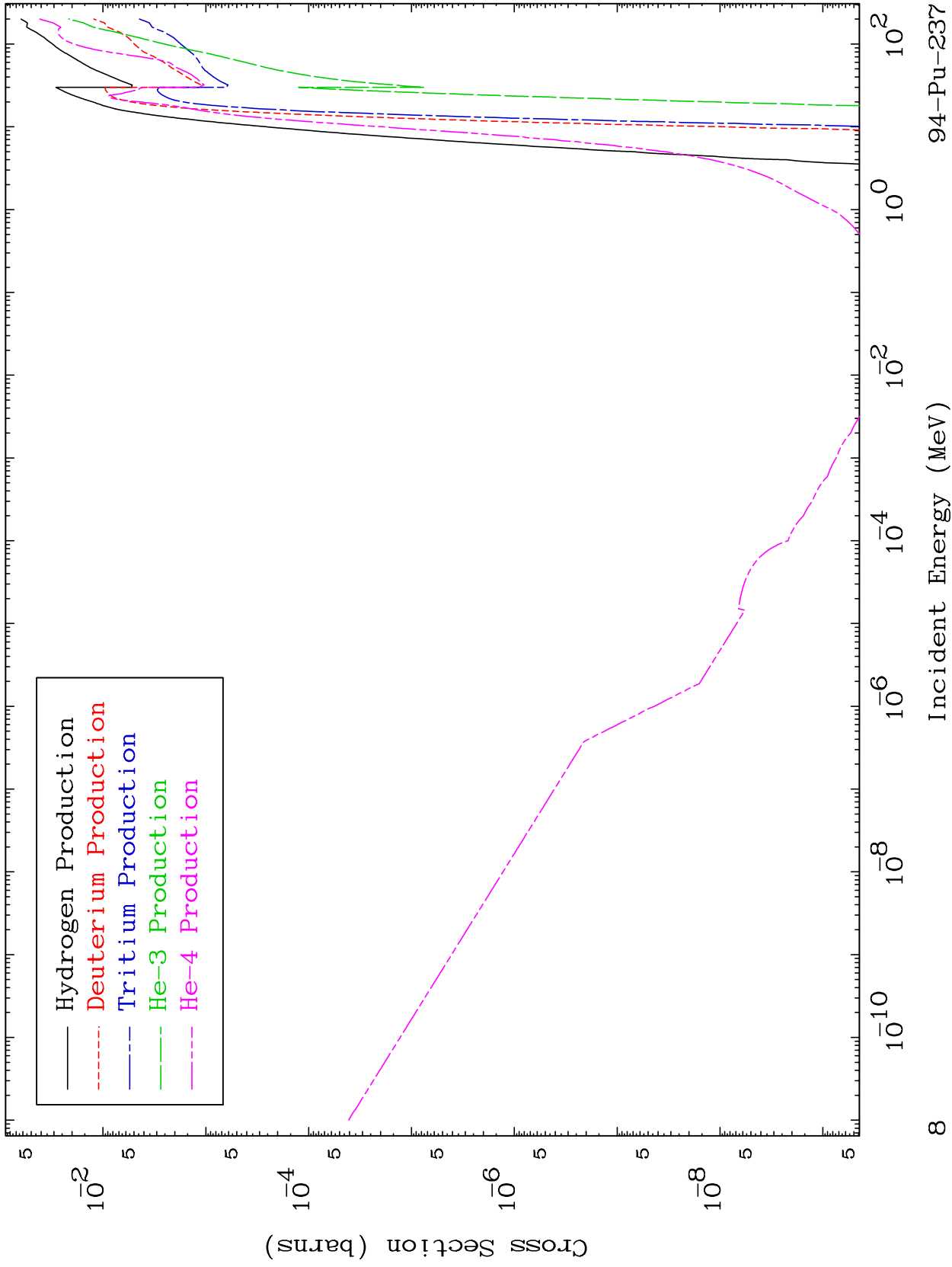
94-Pu-237



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Particle Production
293 Kelvin Cross Sections

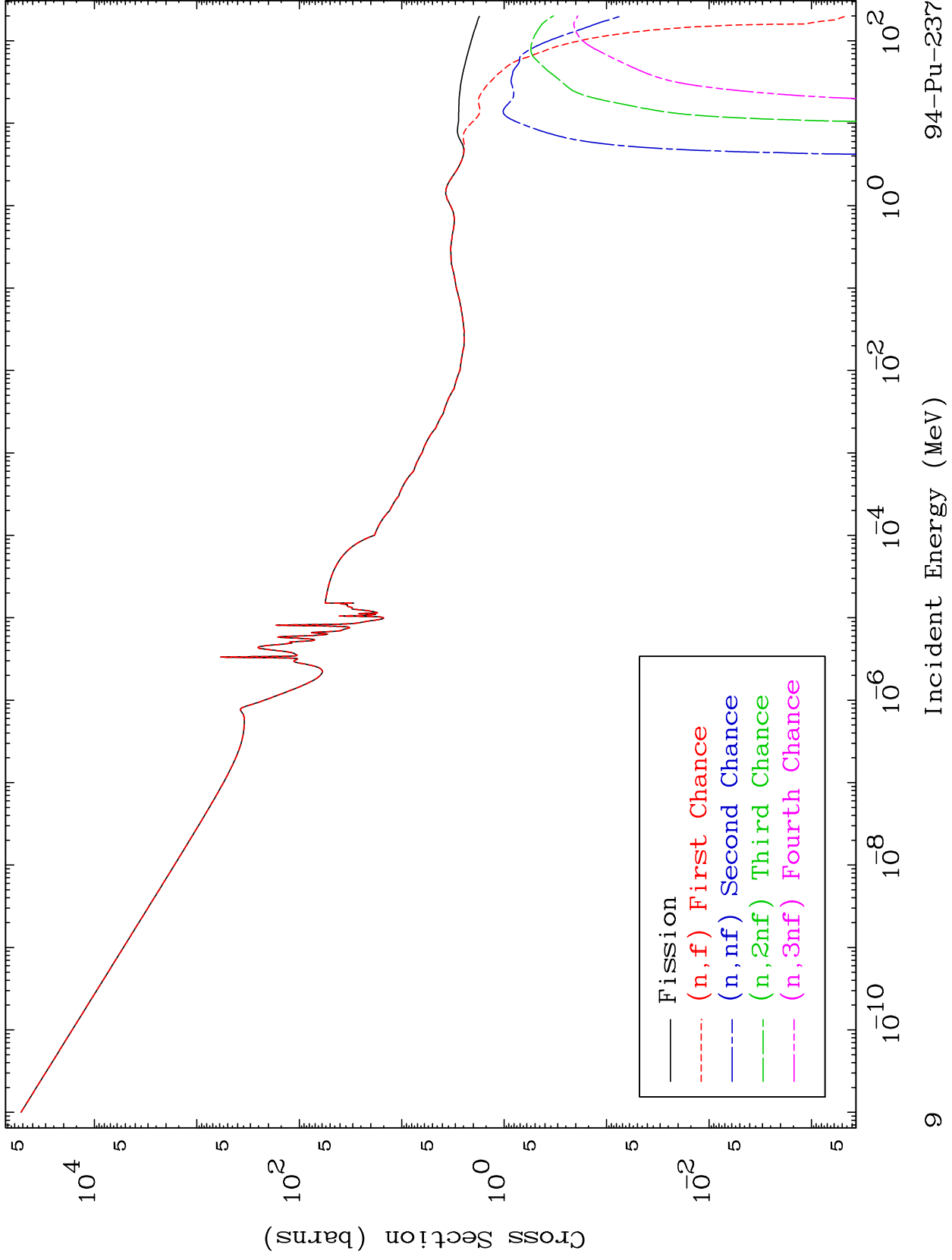
94-Pu-237



MAT 9431

Fission
293 Kelvin Cross Sections

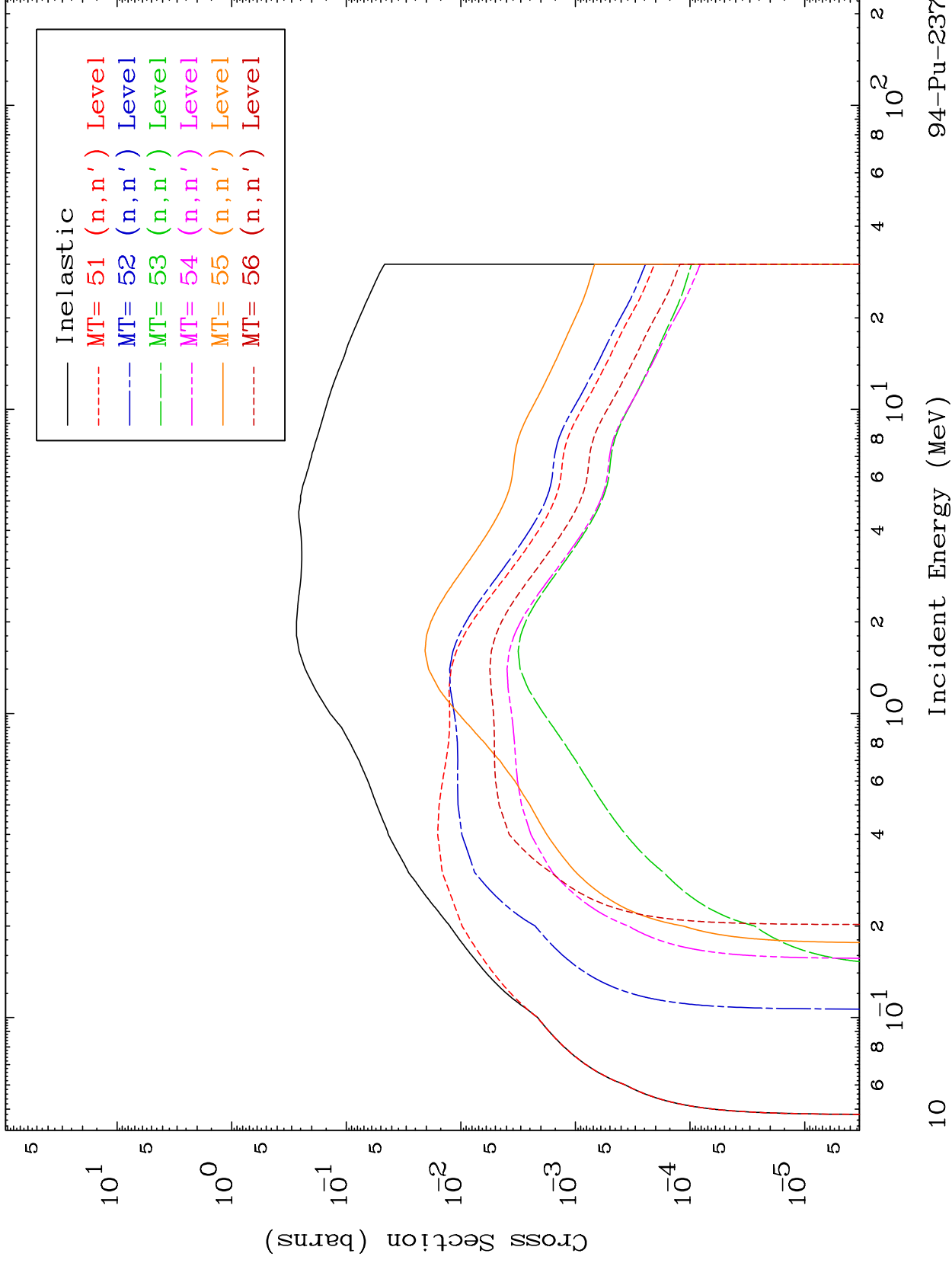
94-Pu-237



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(n,n') Levels
293 Kelvin Cross Sections

94-Pu-237



10

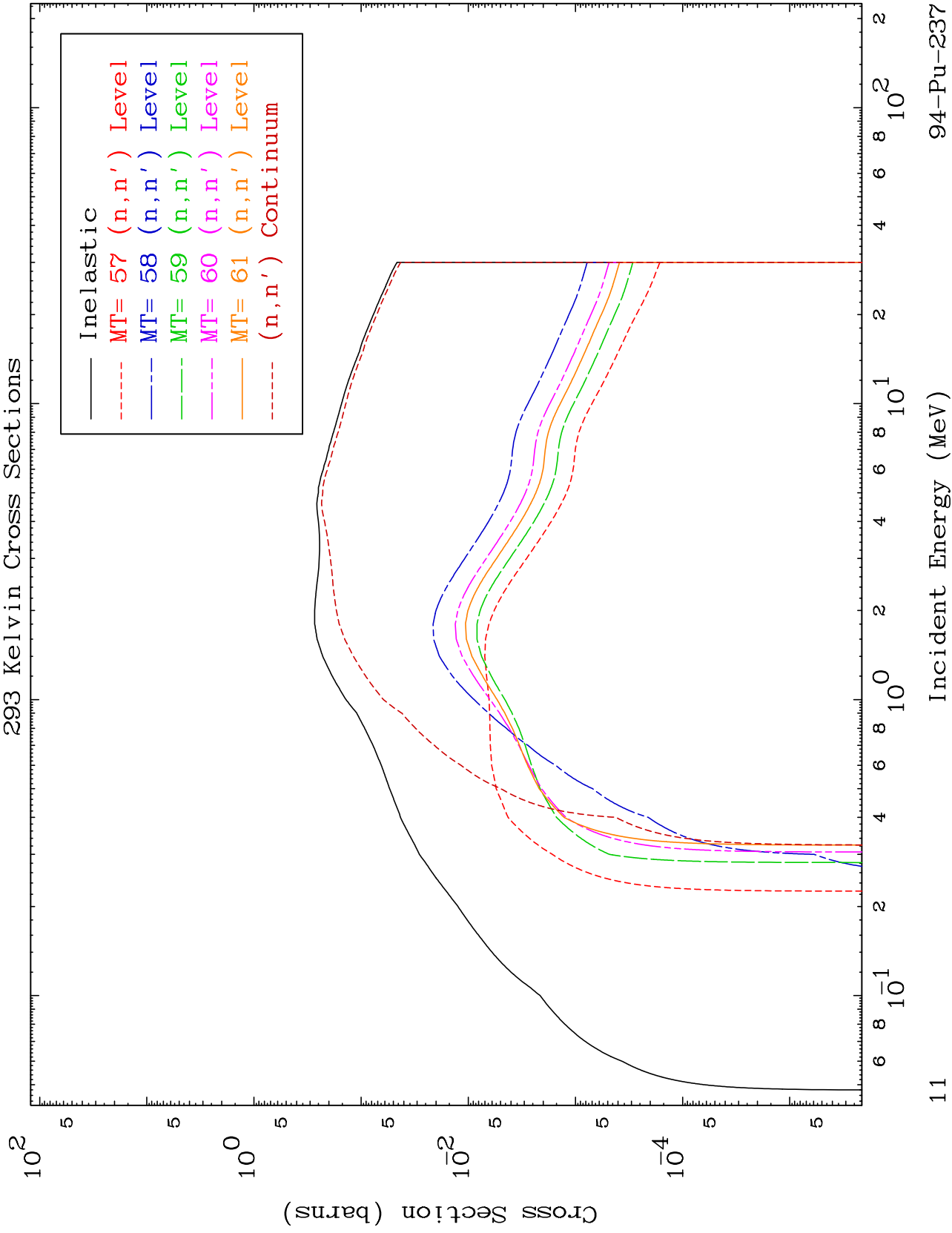
Incident Energy (MeV)

94-Pu-237

MAT 9431

94-Pu-237

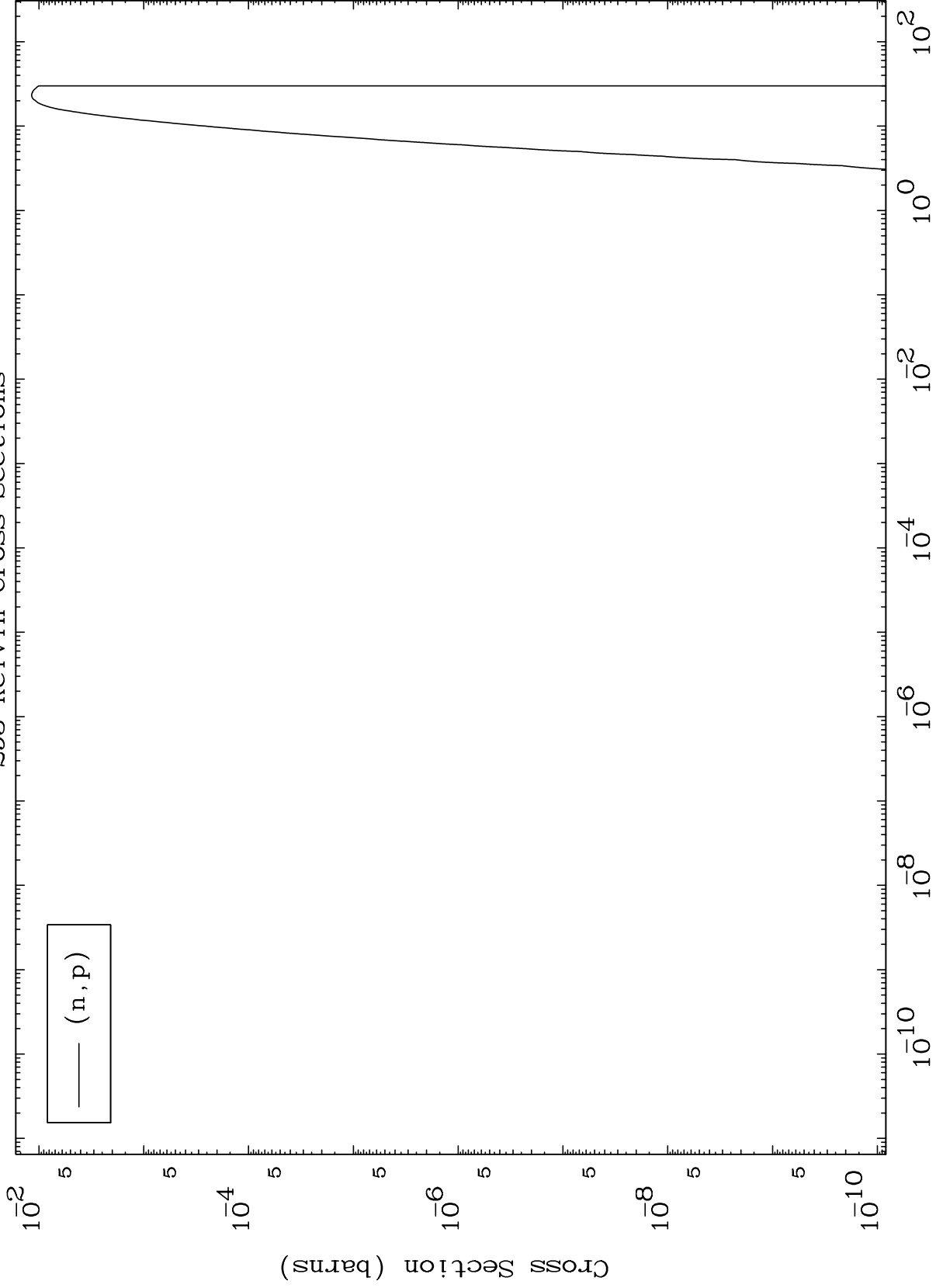
(n,n') Levels
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

94-Pu-237



12

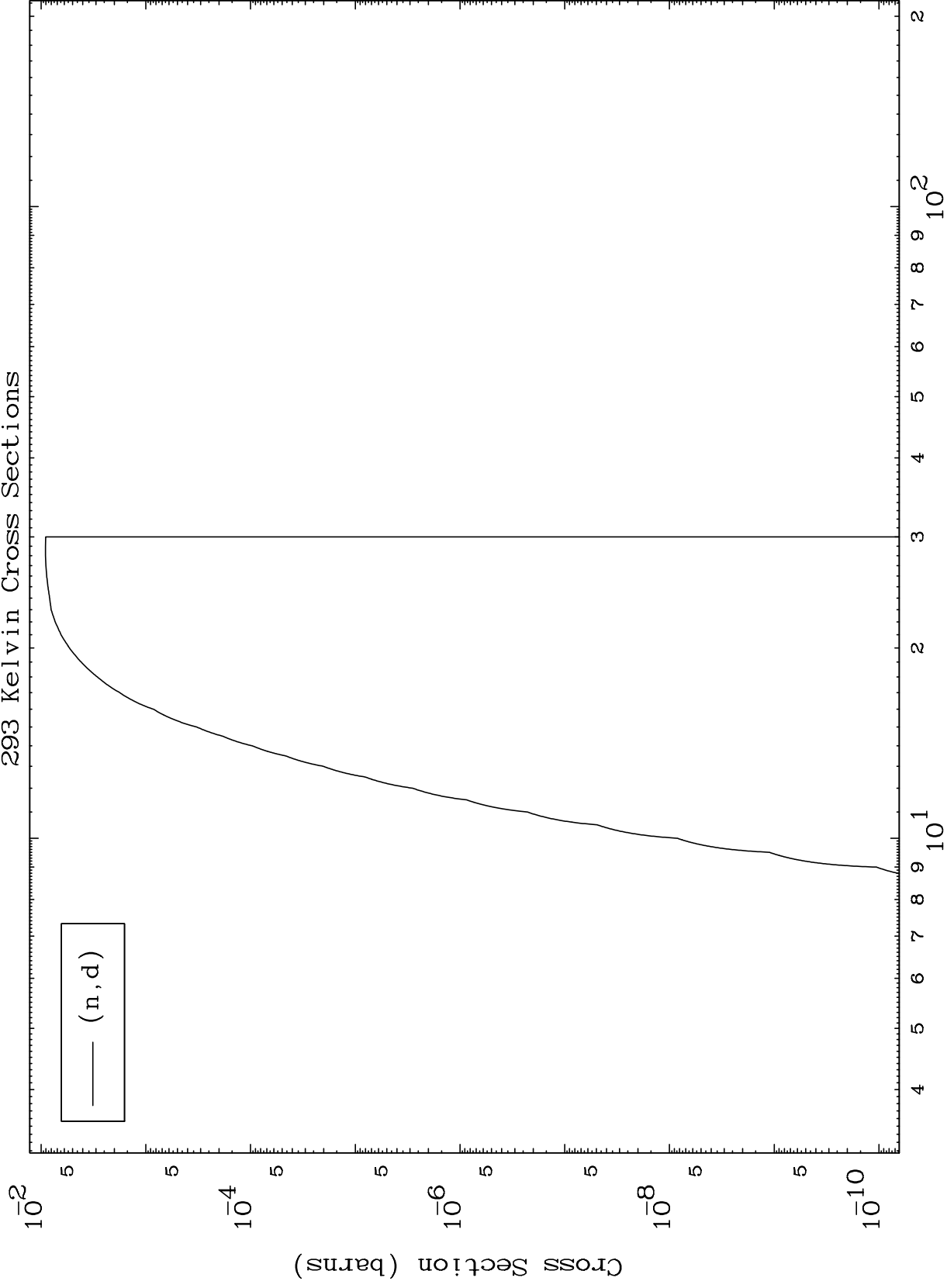
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,d) Levels
293 Kelvin Cross Sections

94-Pu-237



13

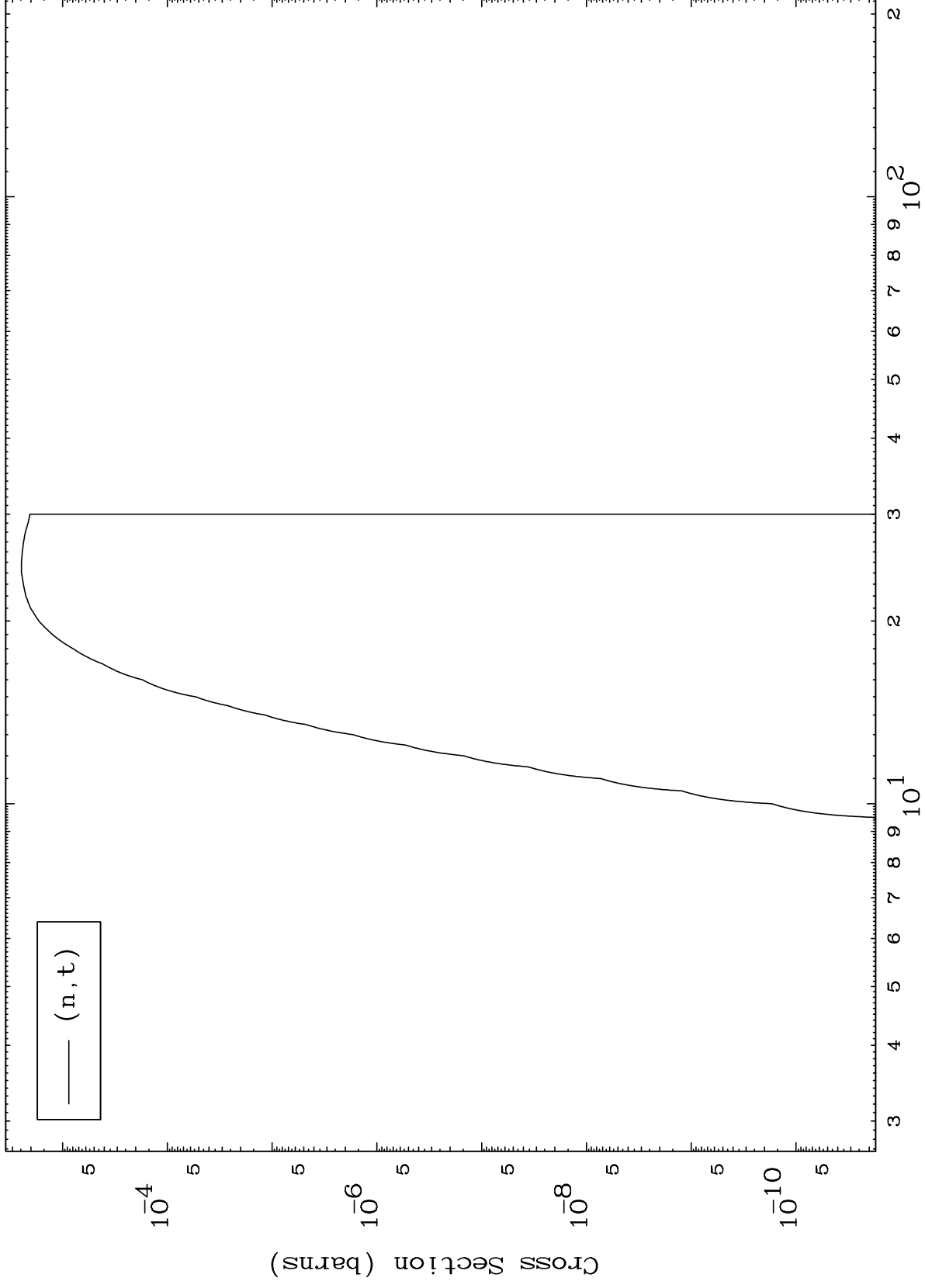
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,t) Levels
293 Kelvin Cross Sections

94-Pu-237



14

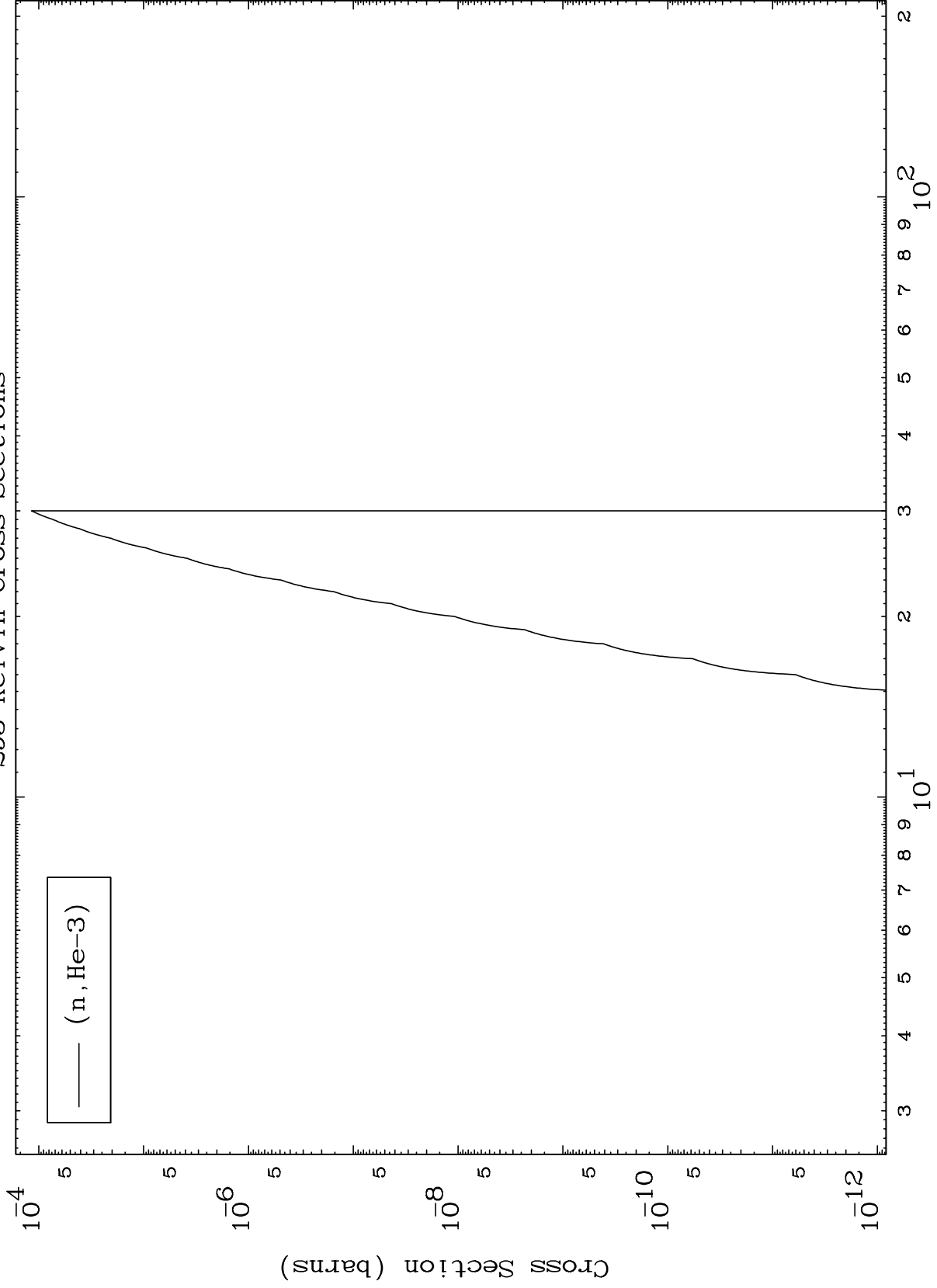
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,He3) Levels
293 Kelvin Cross Sections

94-Pu-237



15

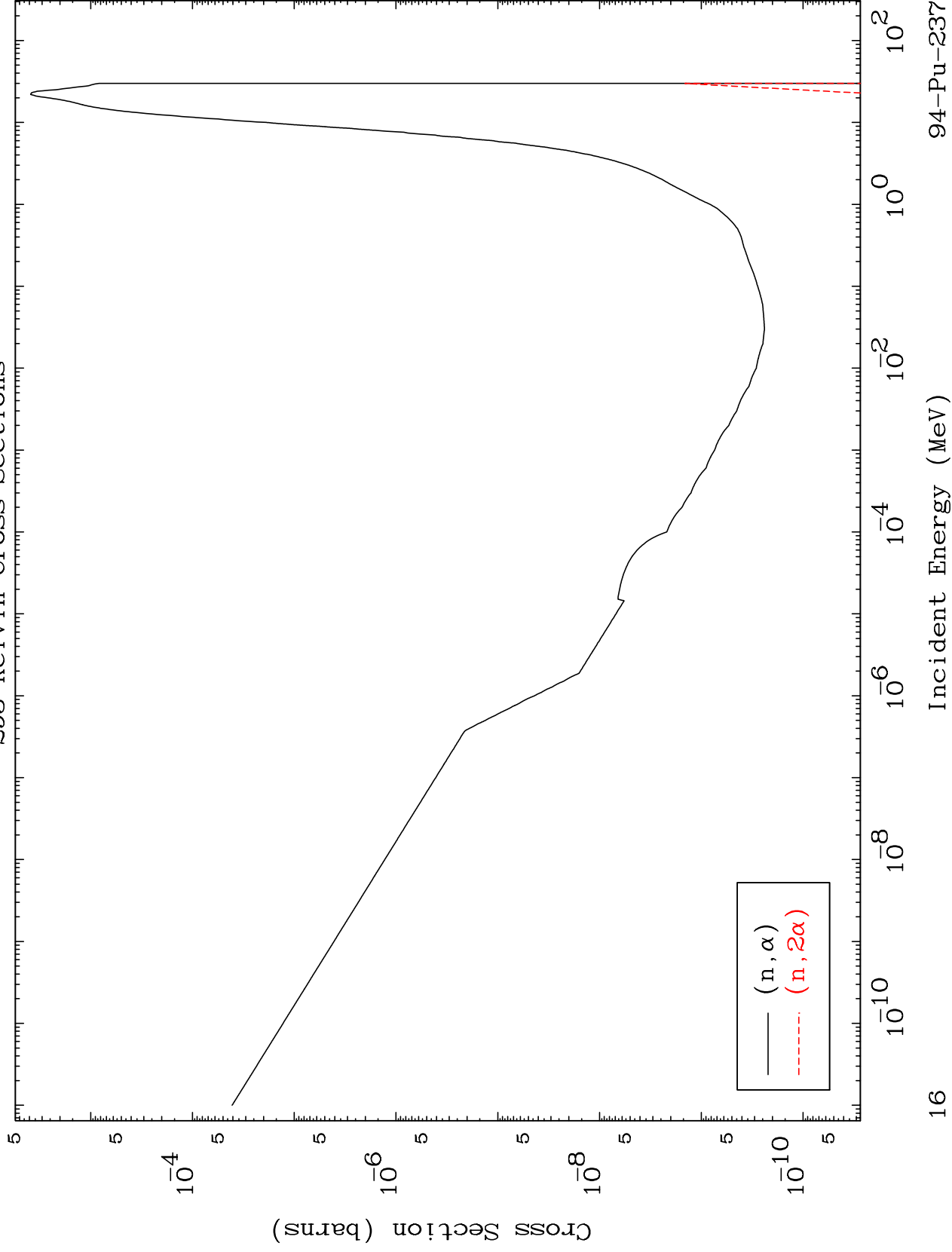
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,α) Levels
293 Kelvin Cross Sections

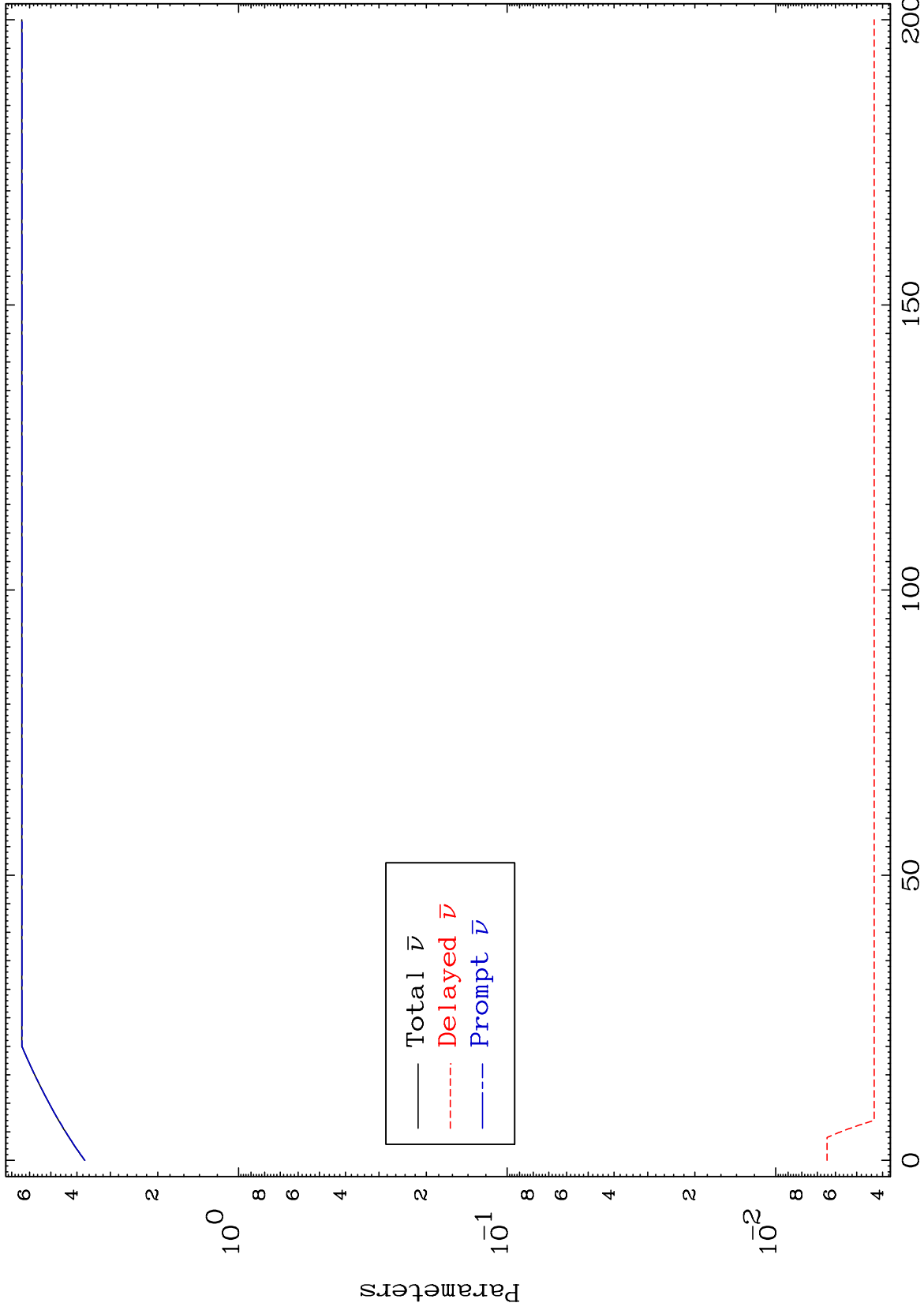
94-Pu-237



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Energy Release
Parameters

94-Pu-237



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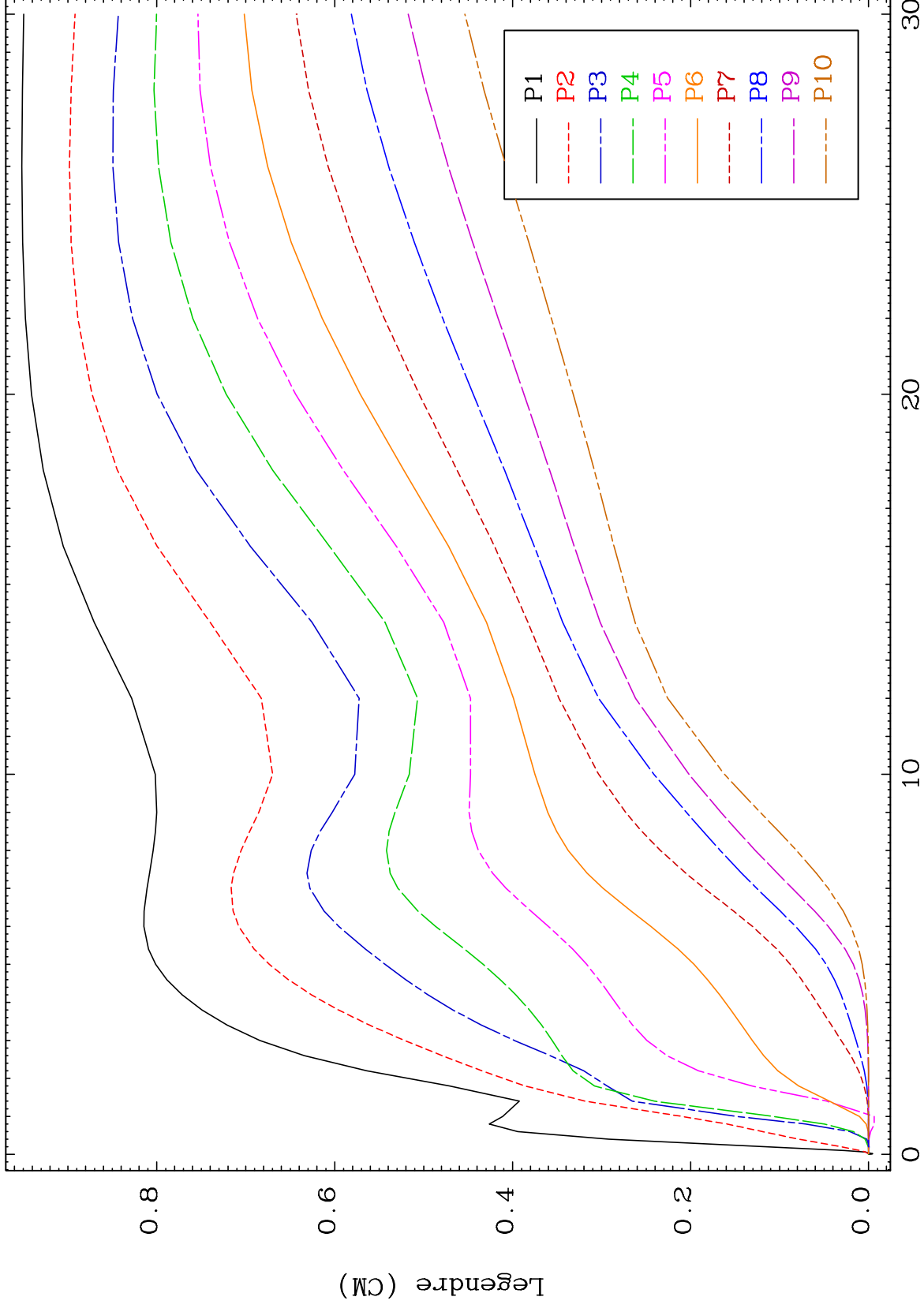
Incident Energy (MeV)

94-Pu-237

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Elastic Legendre Coefficients

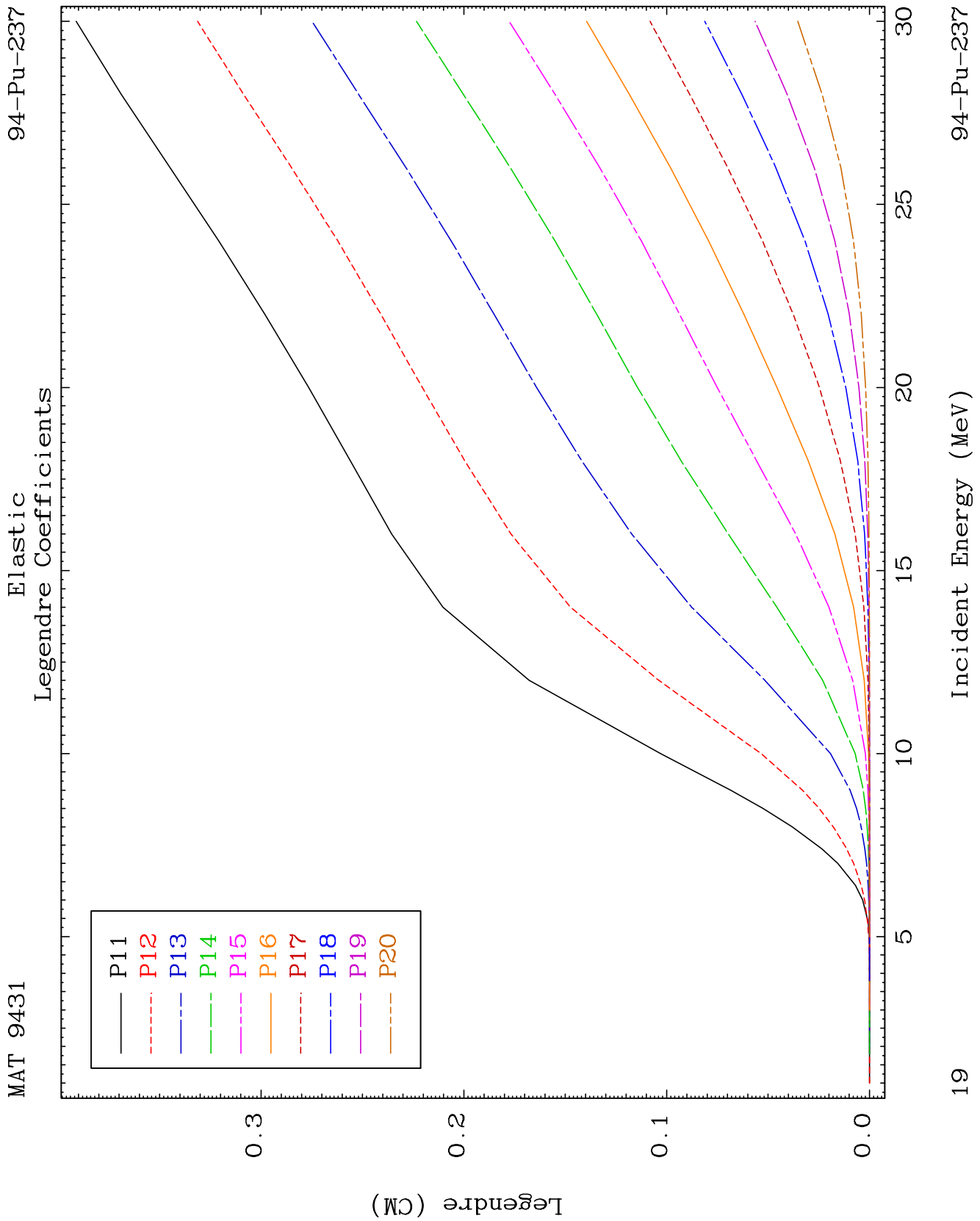
94-Pu-237



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Incident Energy (MeV)

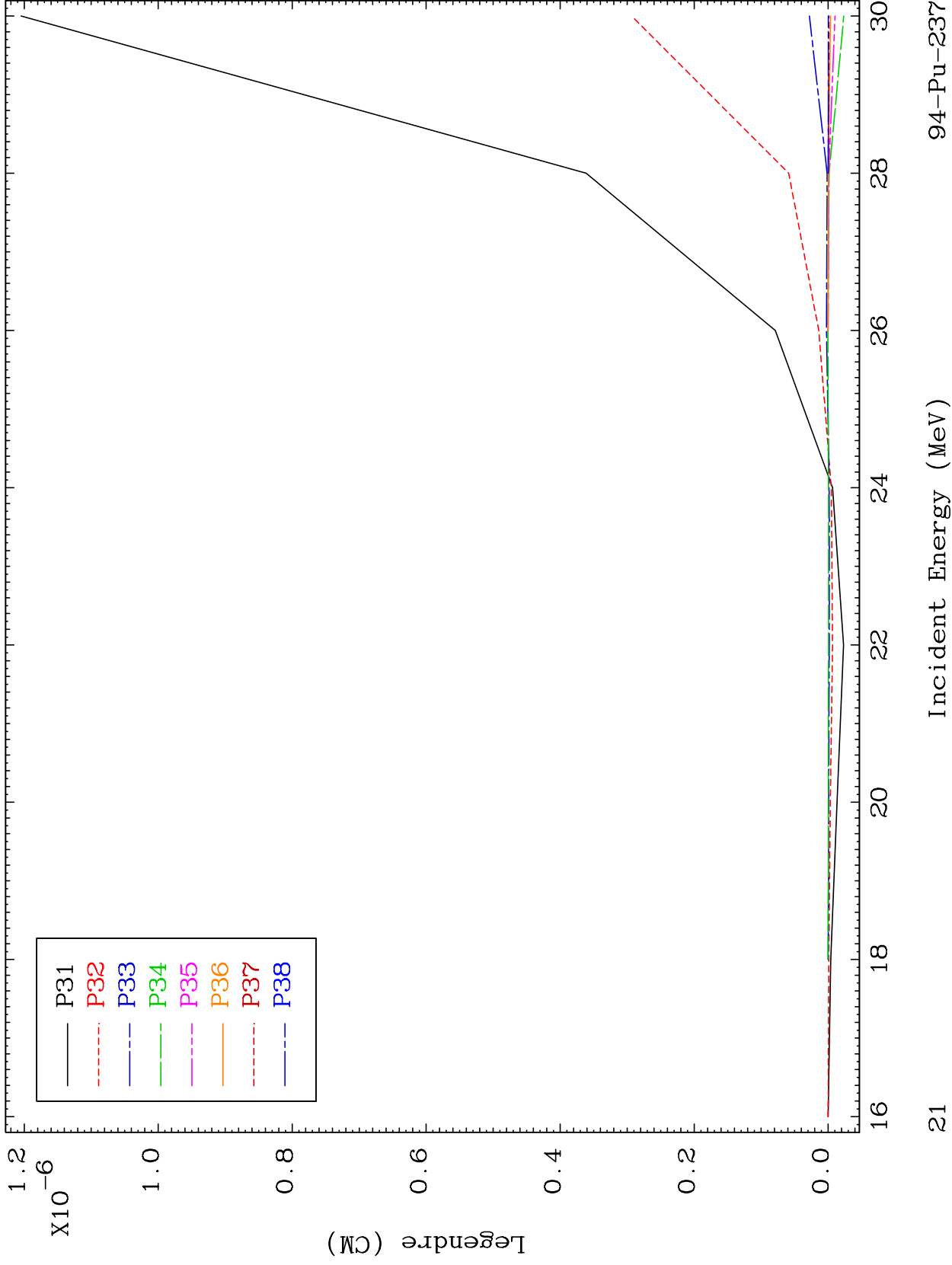
94-Pu-237



MAT 9431

Elastic Legendre Coefficients

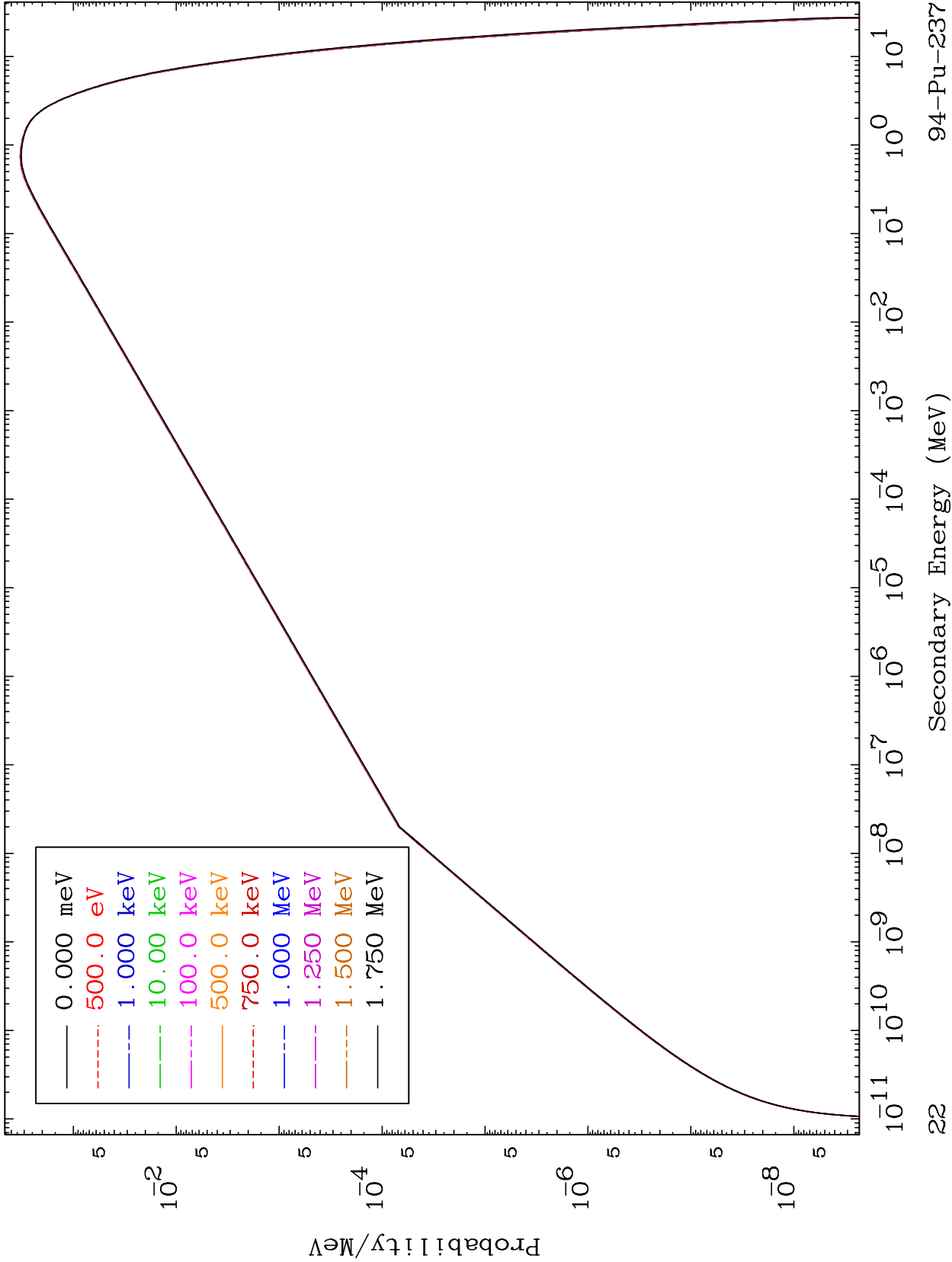
94-Pu-237



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Fission Energy Distributions

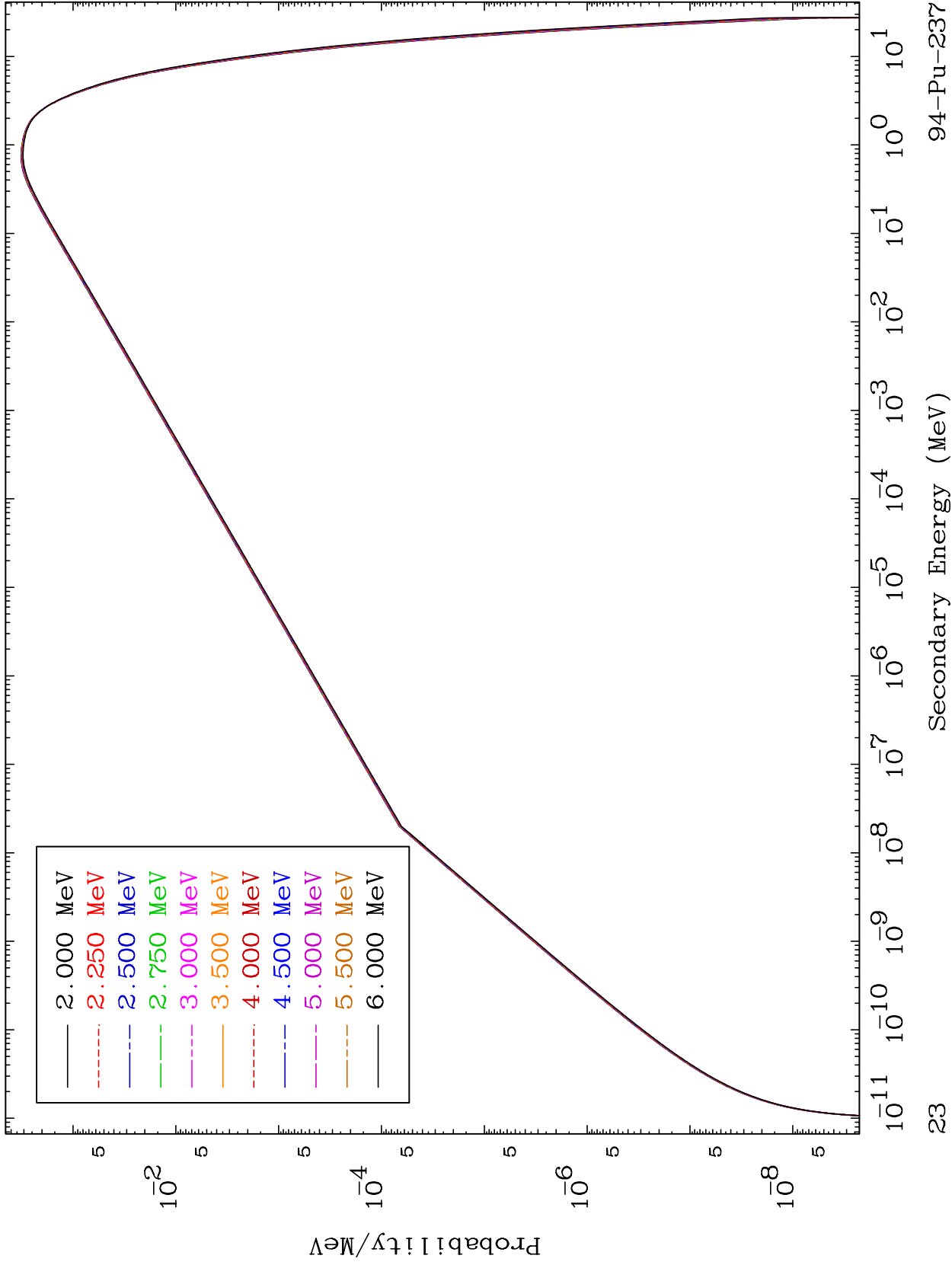
94-Pu-237



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Fission Energy Distributions

94-Pu-237

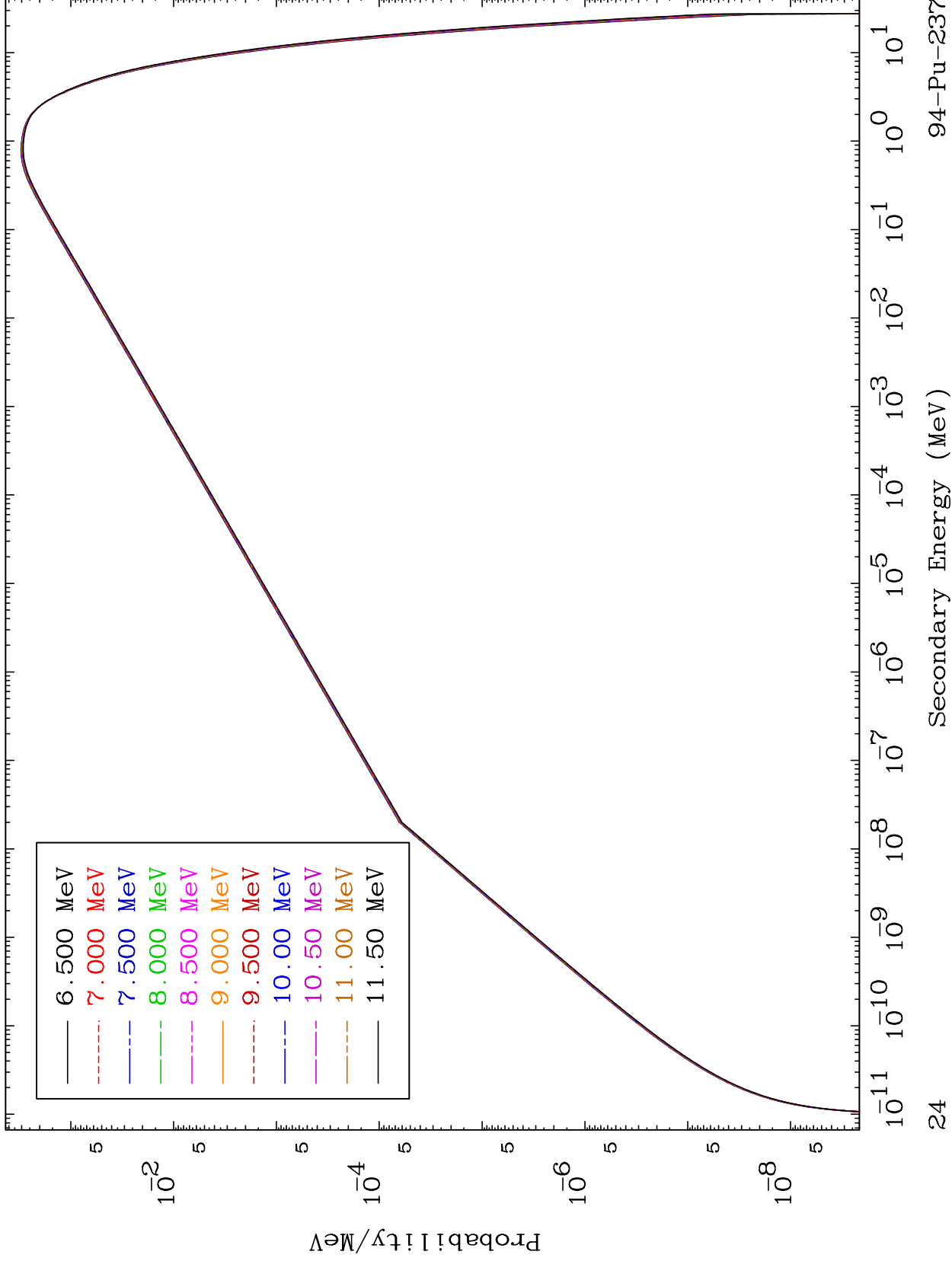


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Fission Energy Distributions

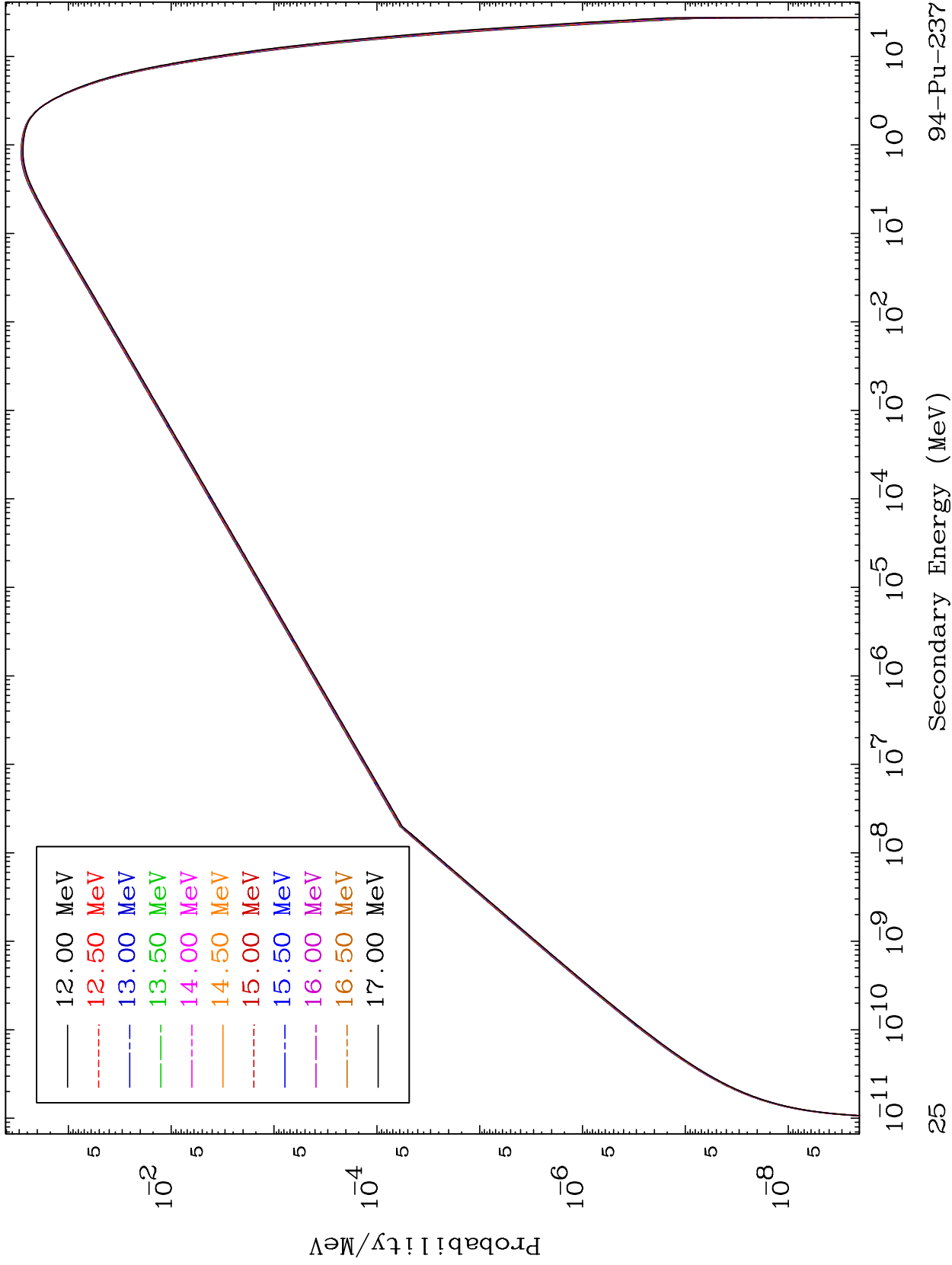
94-Pu-237



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Fission Energy Distributions

94-Pu-237



94-Pu-237

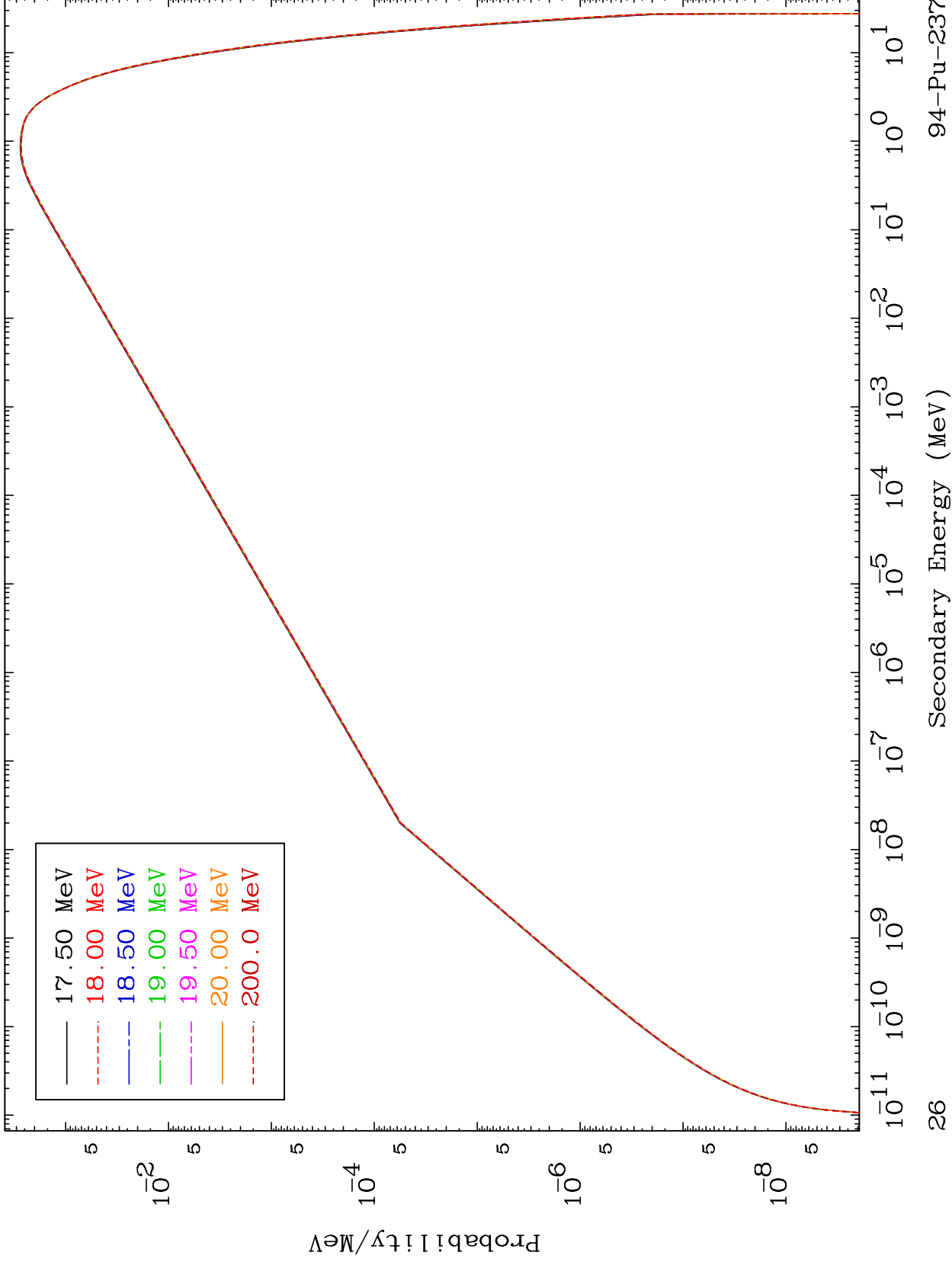
Secondary Energy (MeV)

25

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Fission Energy Distributions

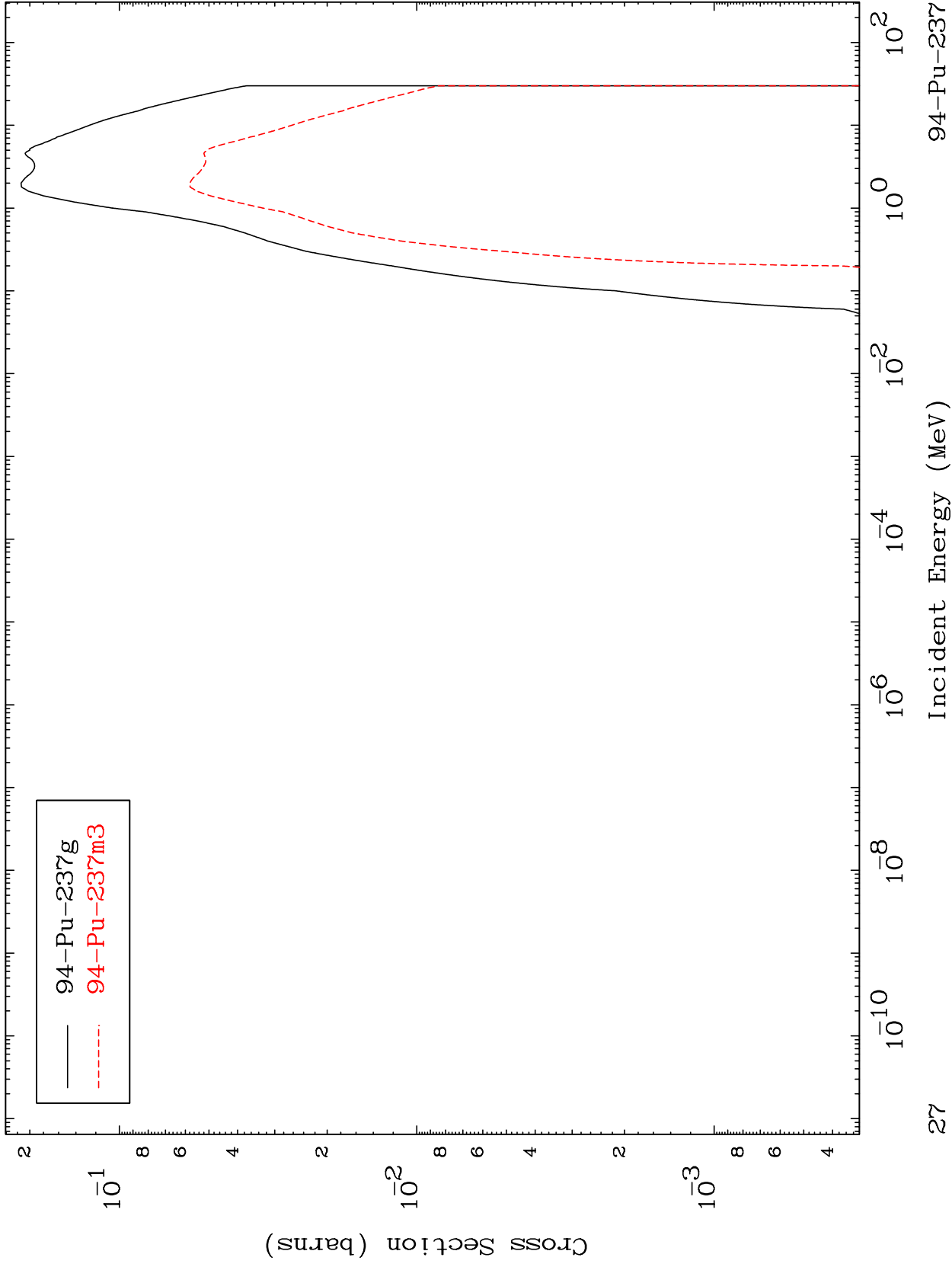
94-Pu-237



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Radionuclide Production Cross Section

94-Pu-237

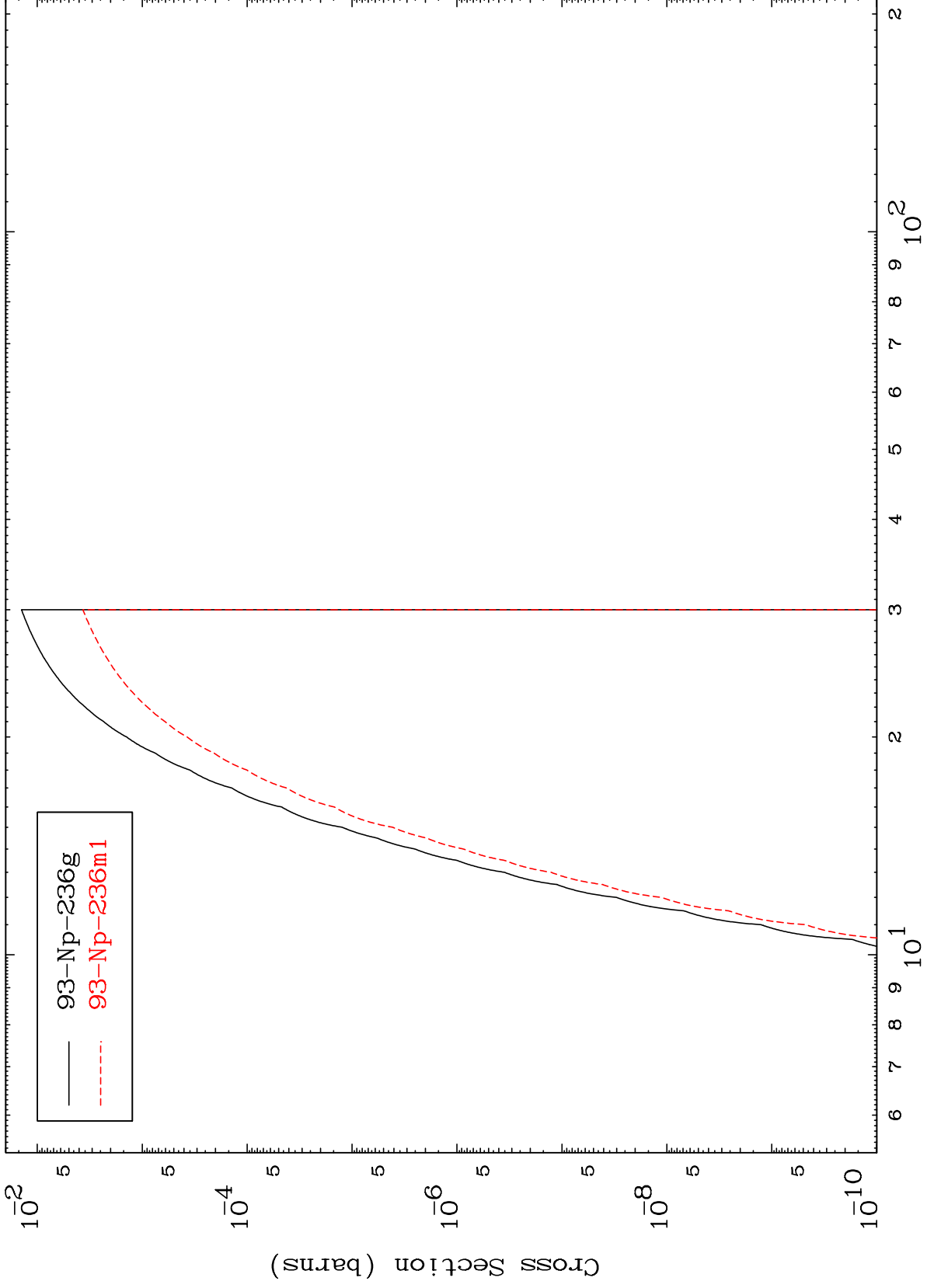


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(n,n') p

94-Pu-237

Radionuclide Production Cross Section



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

28

Incident Energy (MeV)

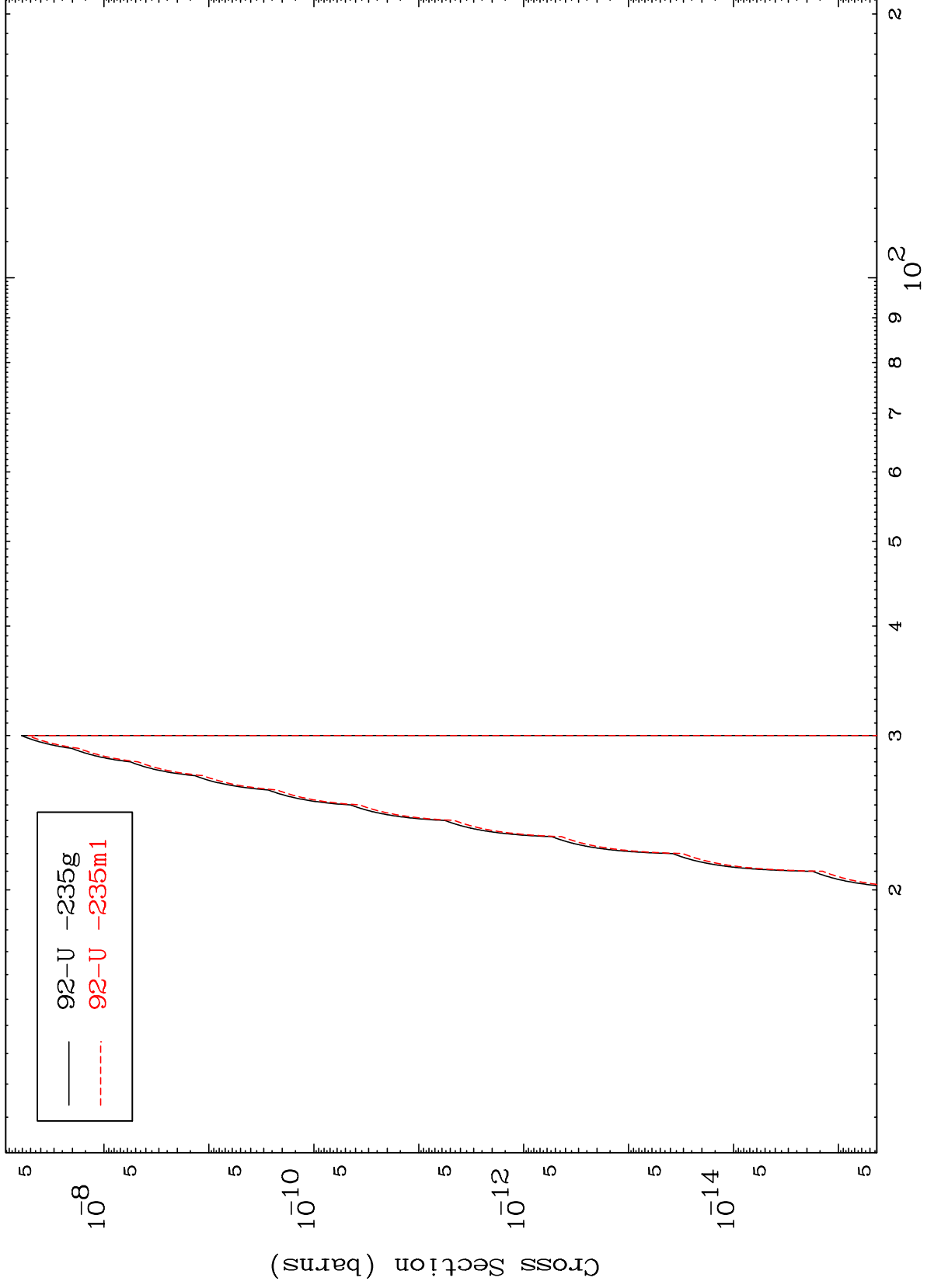
94-Pu-237

MAT 9431

(n,2n) p

94-Pu-237

Radionuclide Production Cross Section



29

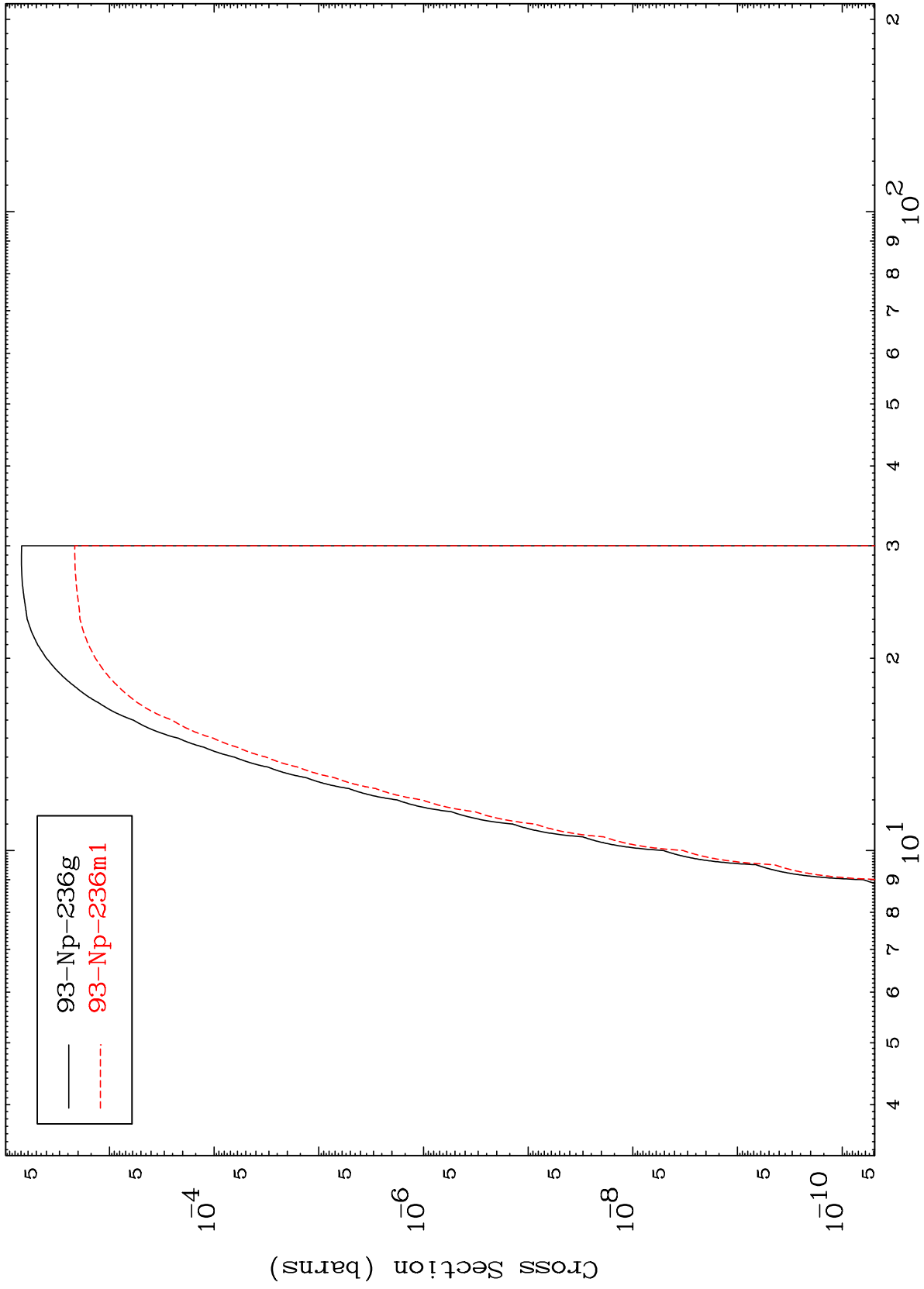
Incident Energy (MeV)

94-Pu-237

MAT 9431

94-Pu-237

(n,d)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

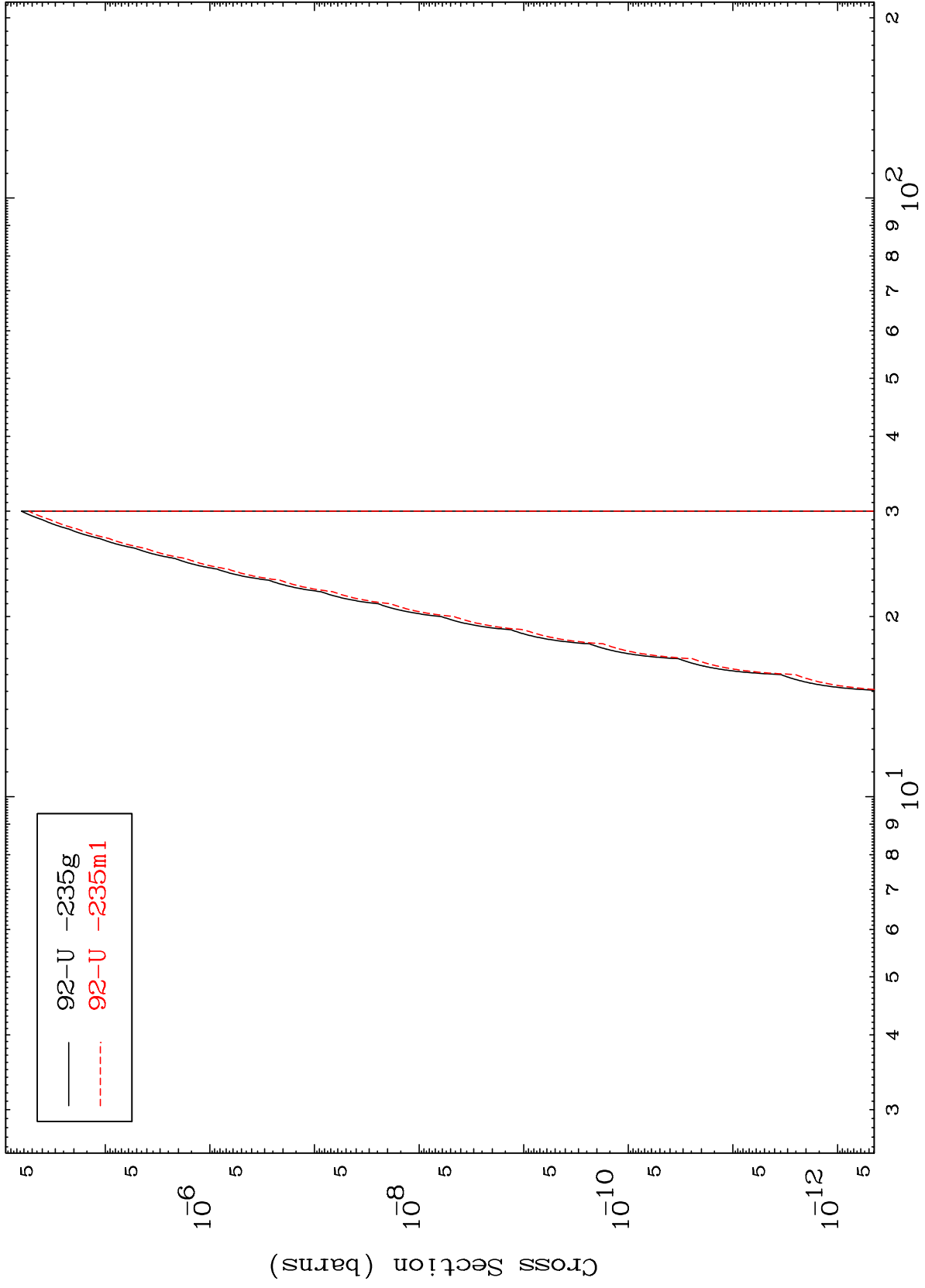
94-Pu-237

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(n,He-3)

94-Pu-237

Radionuclide Production Cross Section



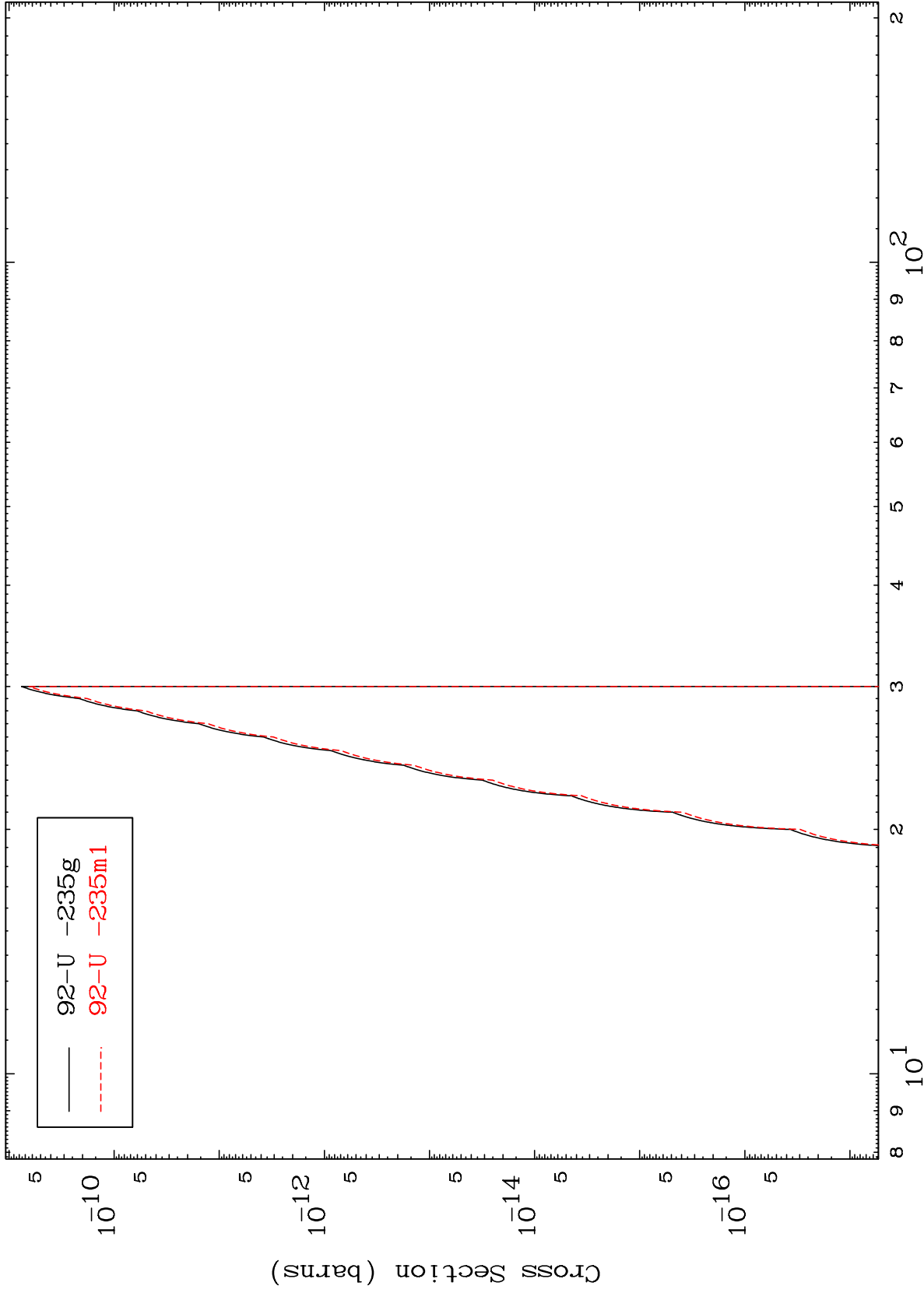
Legend:
— 92-U -235g
- - - 92-U -235m1

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(n,p) d

94-Pu-237

Radionuclide Production Cross Section



Incident Energy (MeV)

94-Pu-237

32