

Program EVALPLOT
(Version 2018-1)

by

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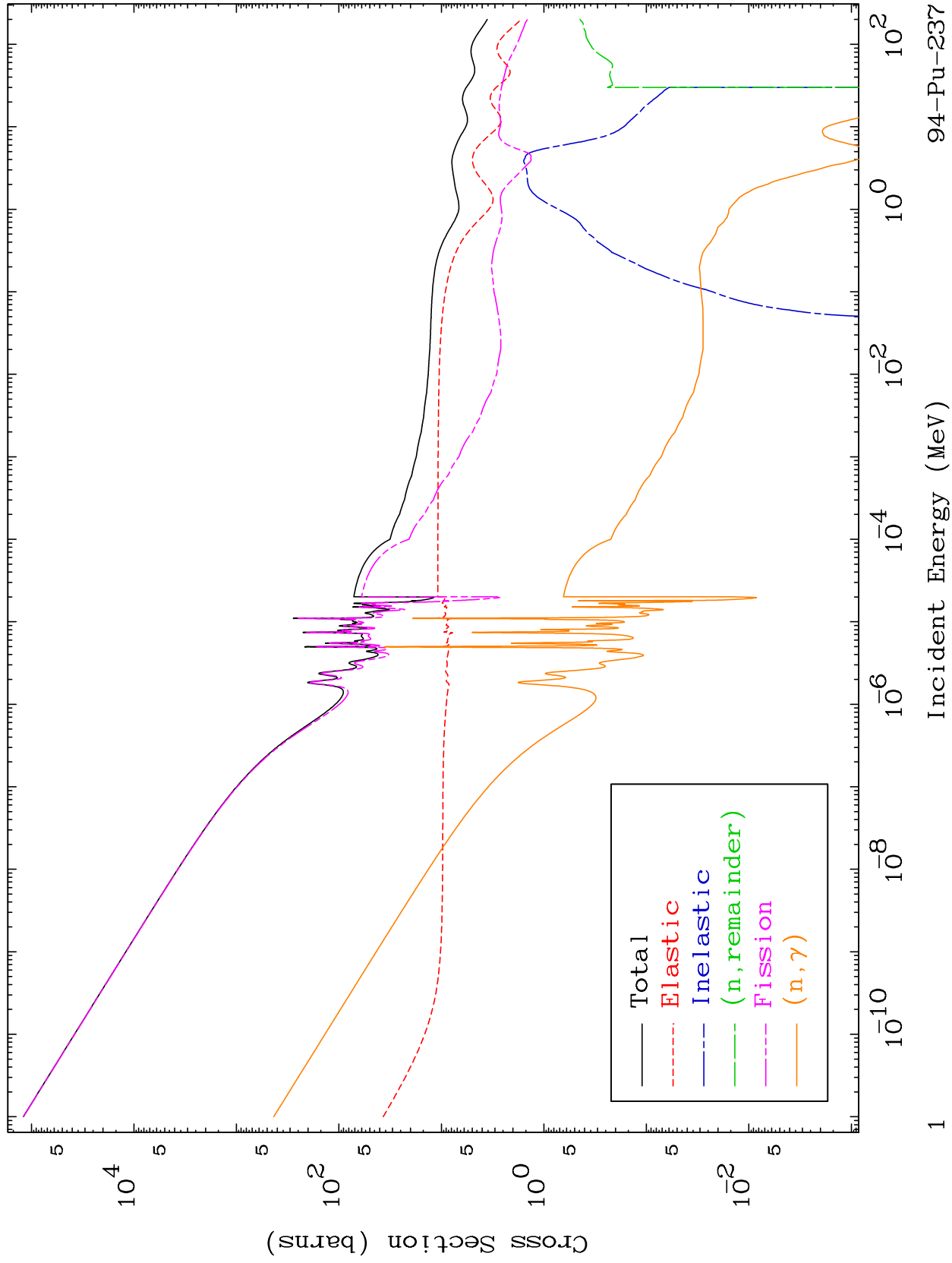
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9431

Major
293 Kelvin Cross Sections

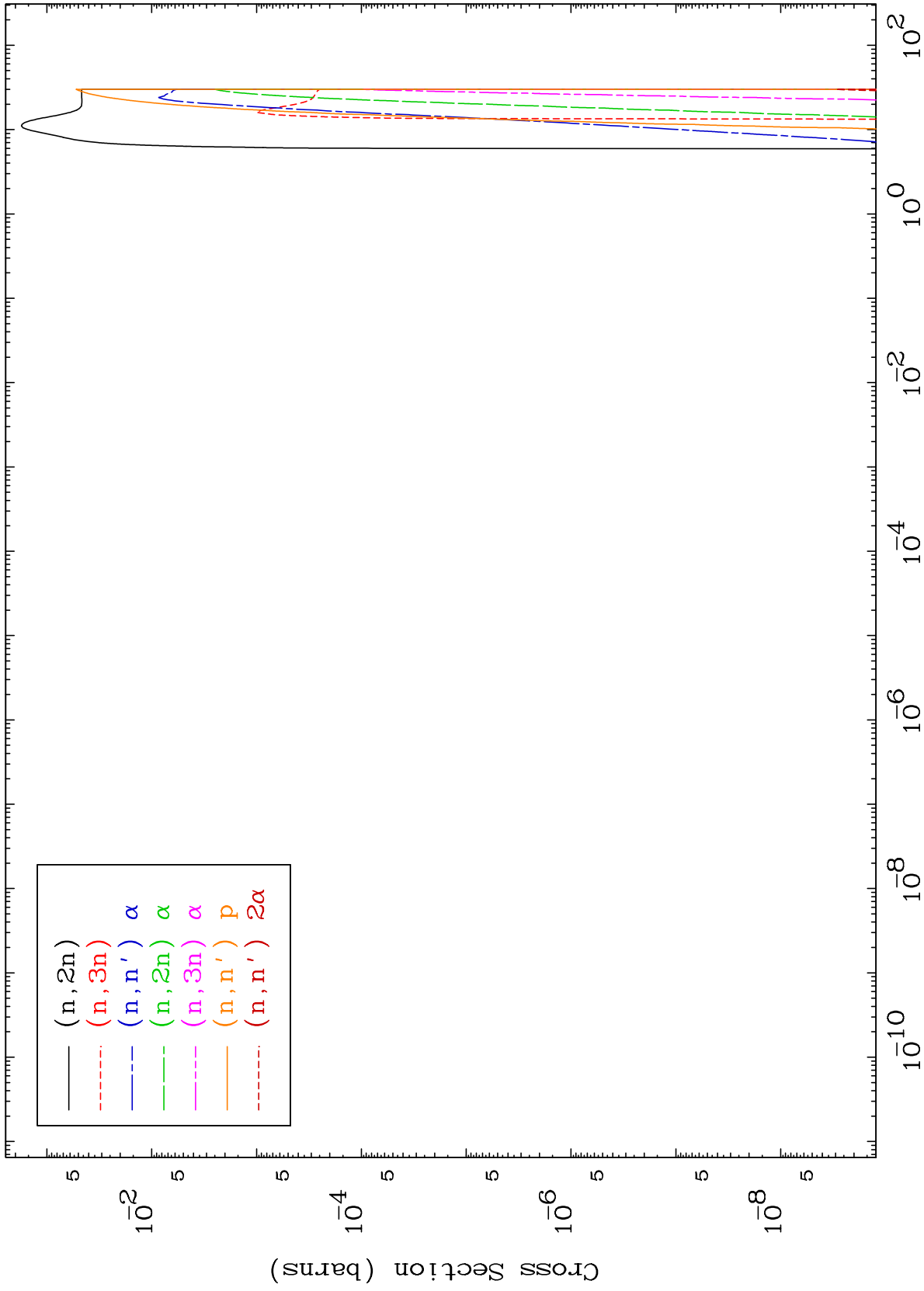
94-Pu-237



MAT 9431

Neutron Production
293 Kelvin Cross Sections

94-Pu-237

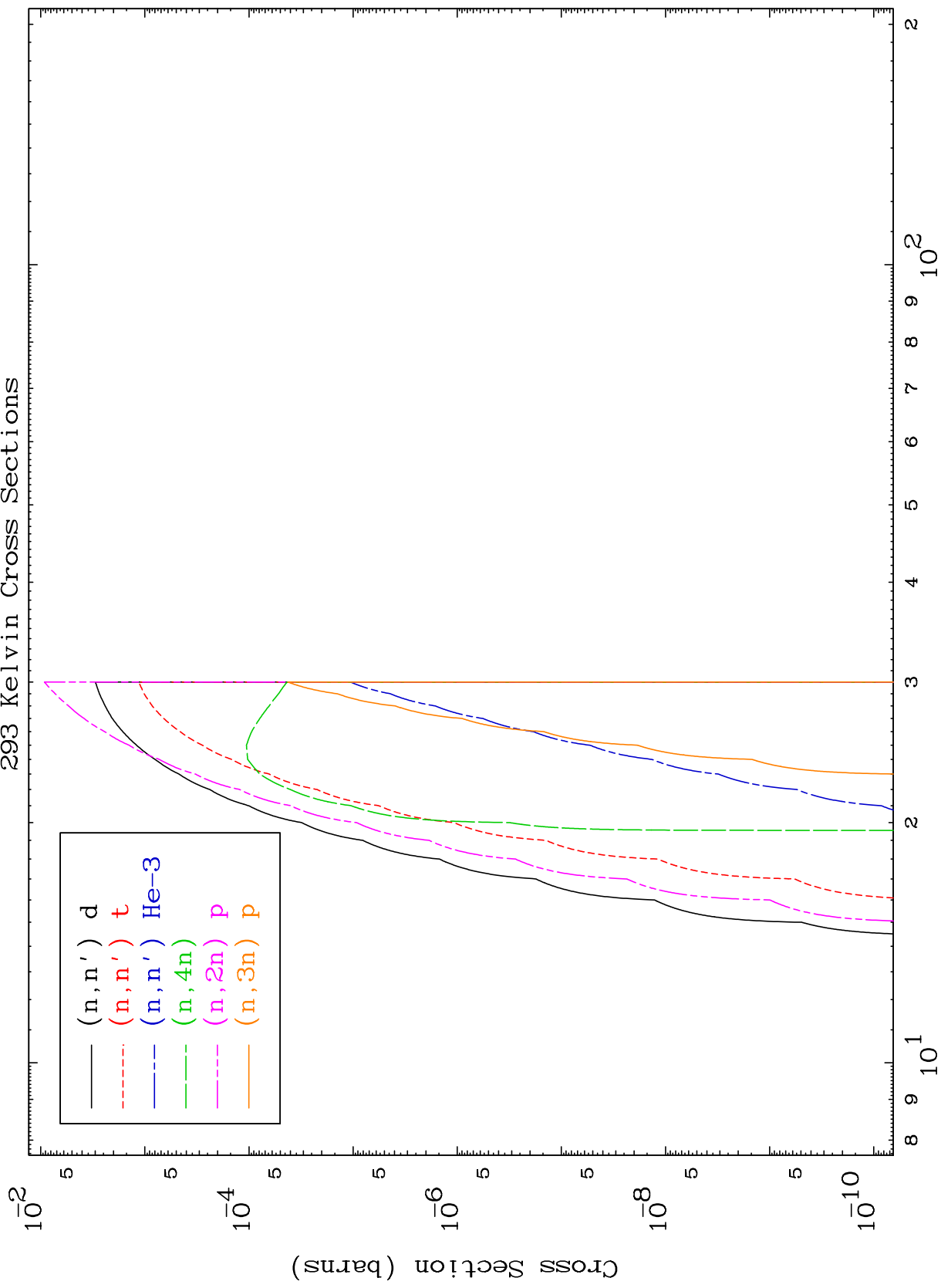


94-Pu-237

MAT 9431

Neutron Production
293 Kelvin Cross Sections

94-Pu-237



3

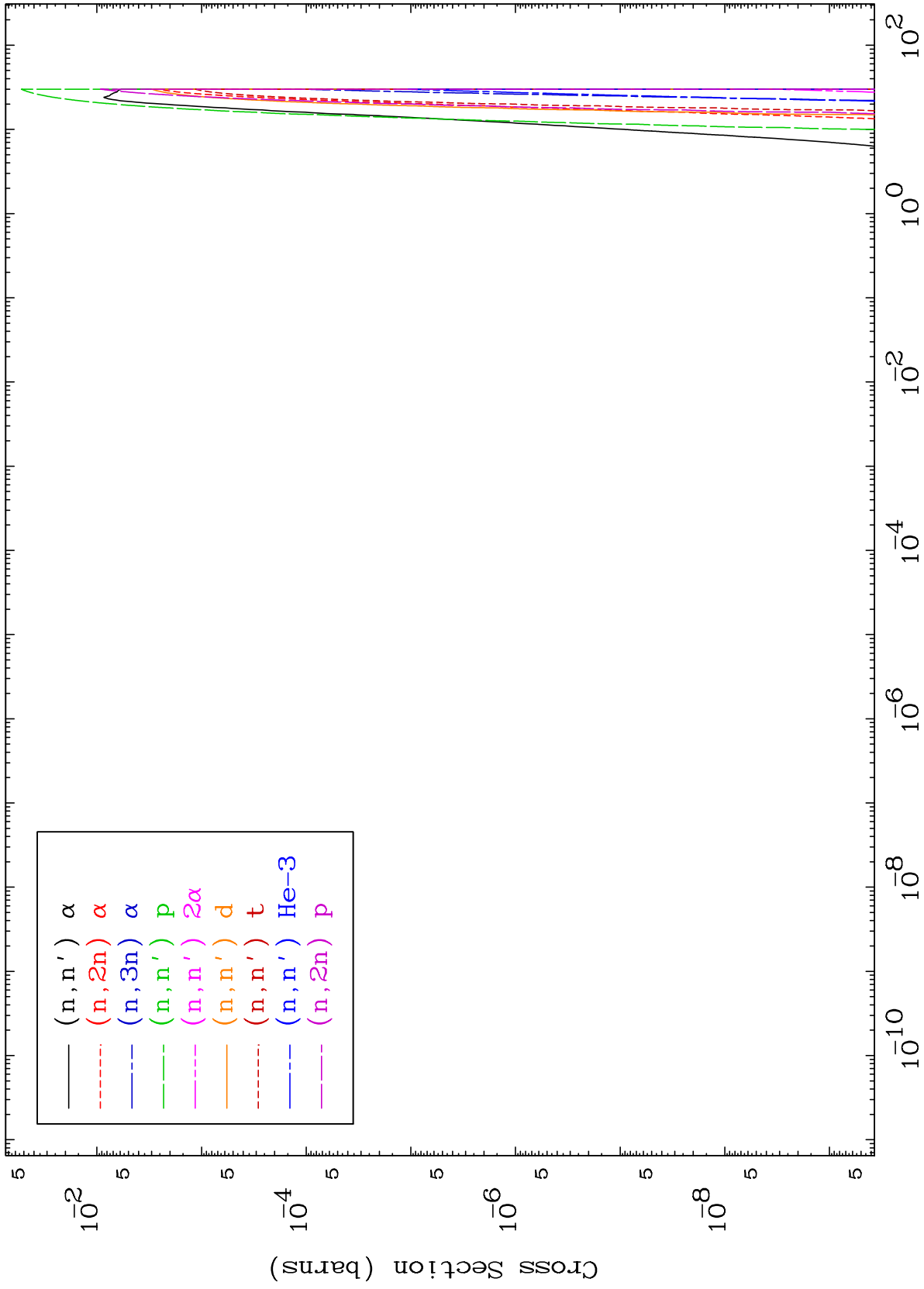
Incident Energy (MeV)

94-Pu-237

MAT 9431

293 Kelvin Cross Sections
Charged Particle

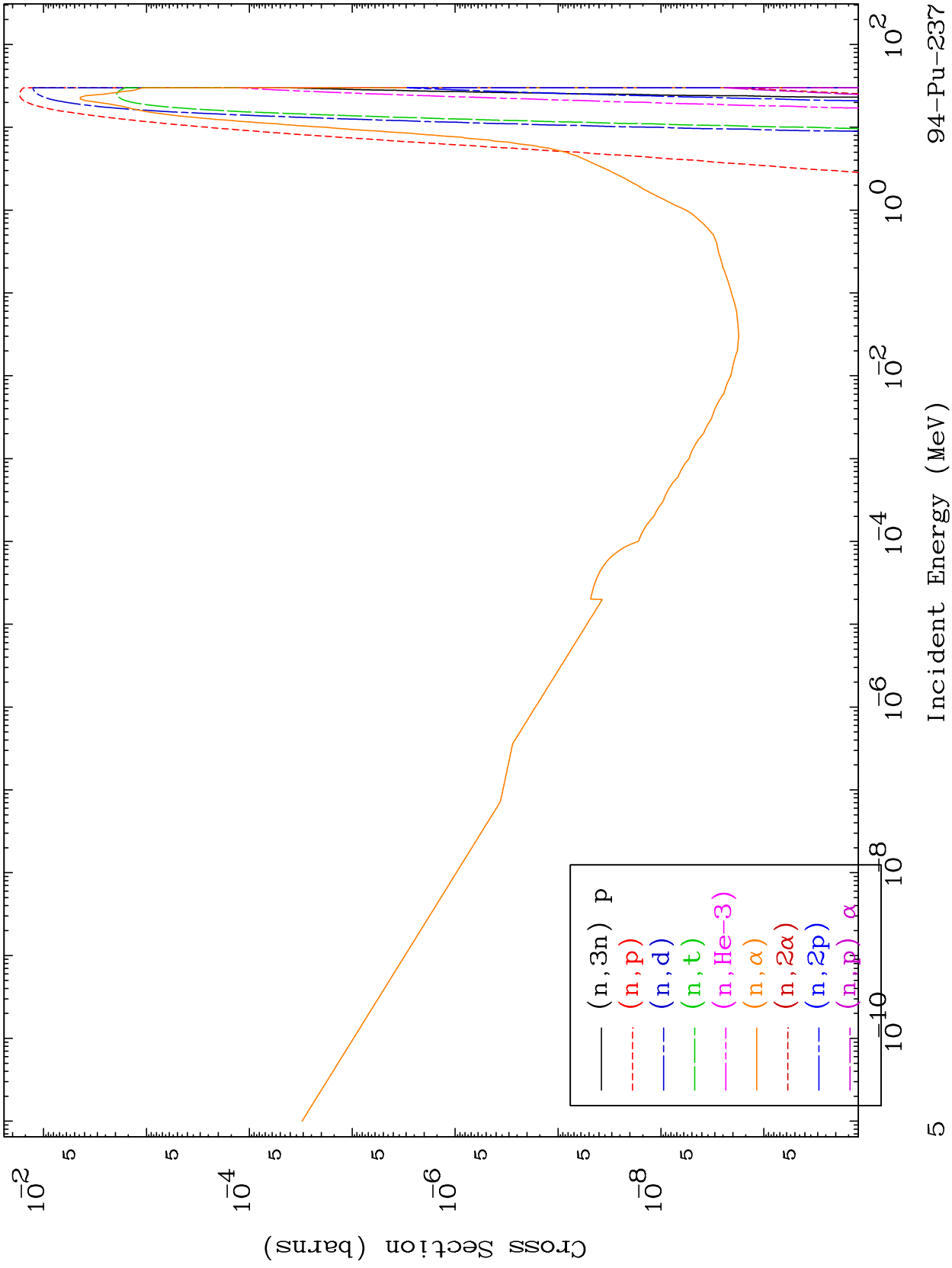
94-Pu-237



MAT 9431

293 Charged Particle
Kelvin Cross Sections

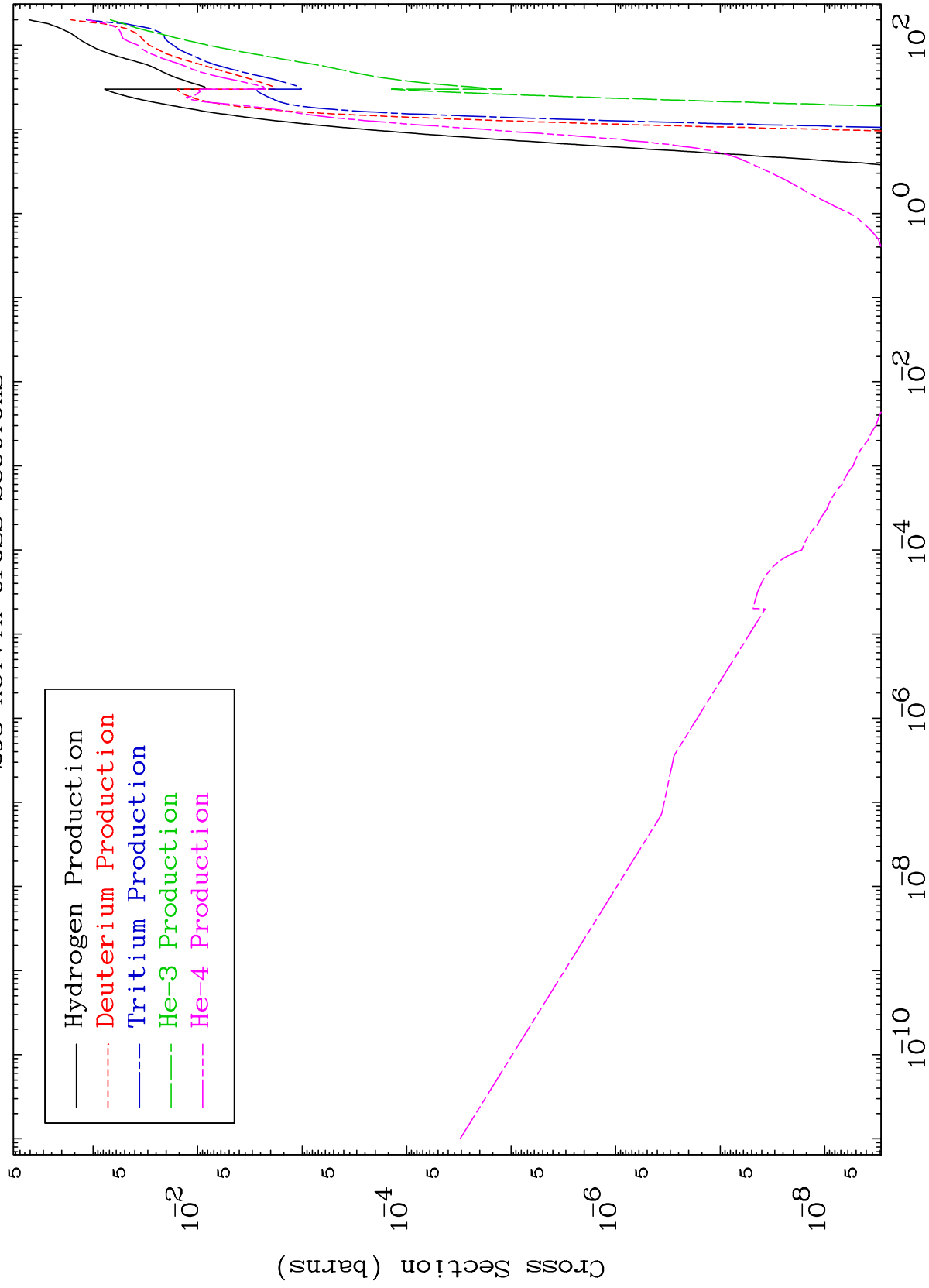
94-Pu-237



MAT 9431

Particle Production
293 Kelvin Cross Sections

94-Pu-237



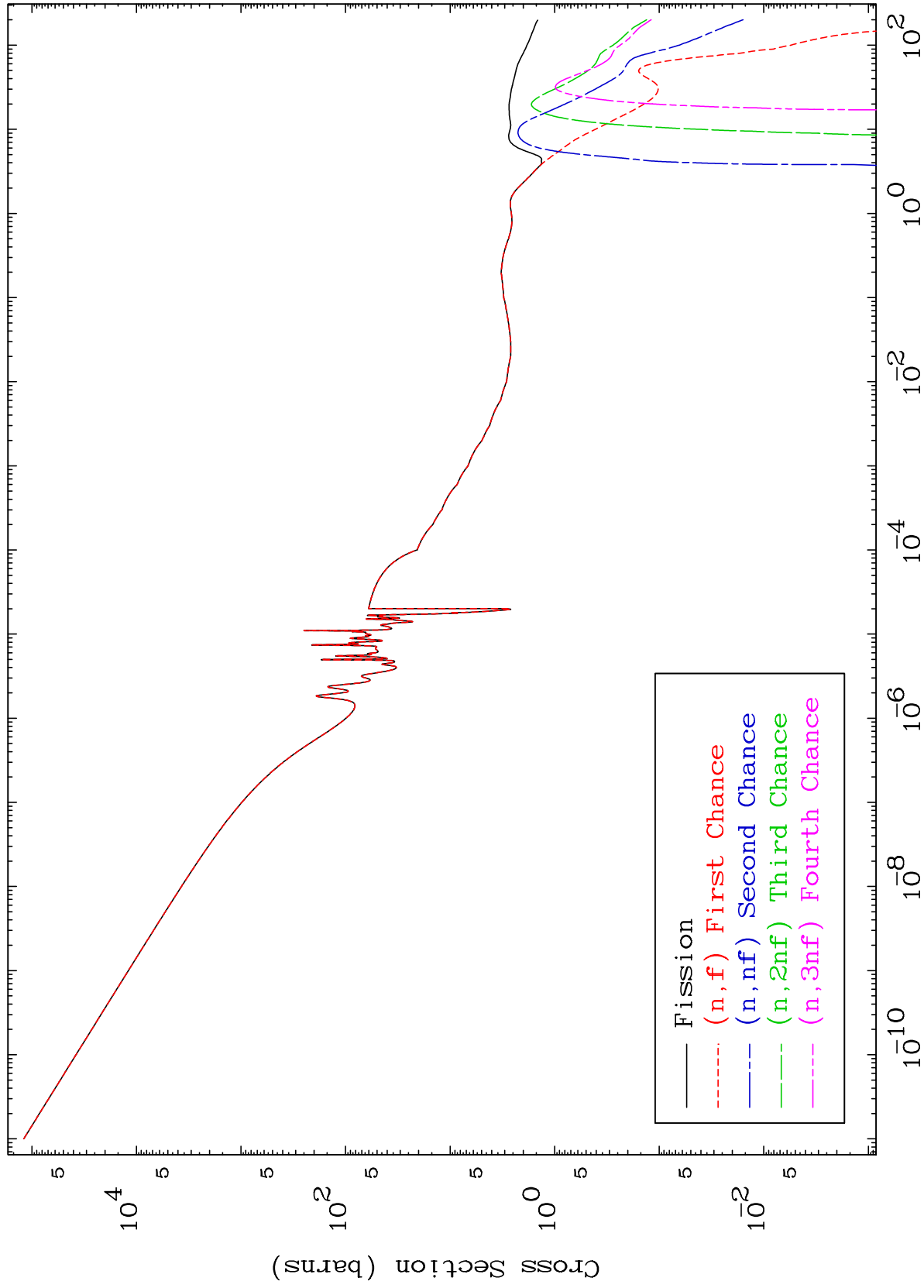
6

94-Pu-237

MAT 9431

Fission
293 Kelvin Cross Sections

94-Pu-237

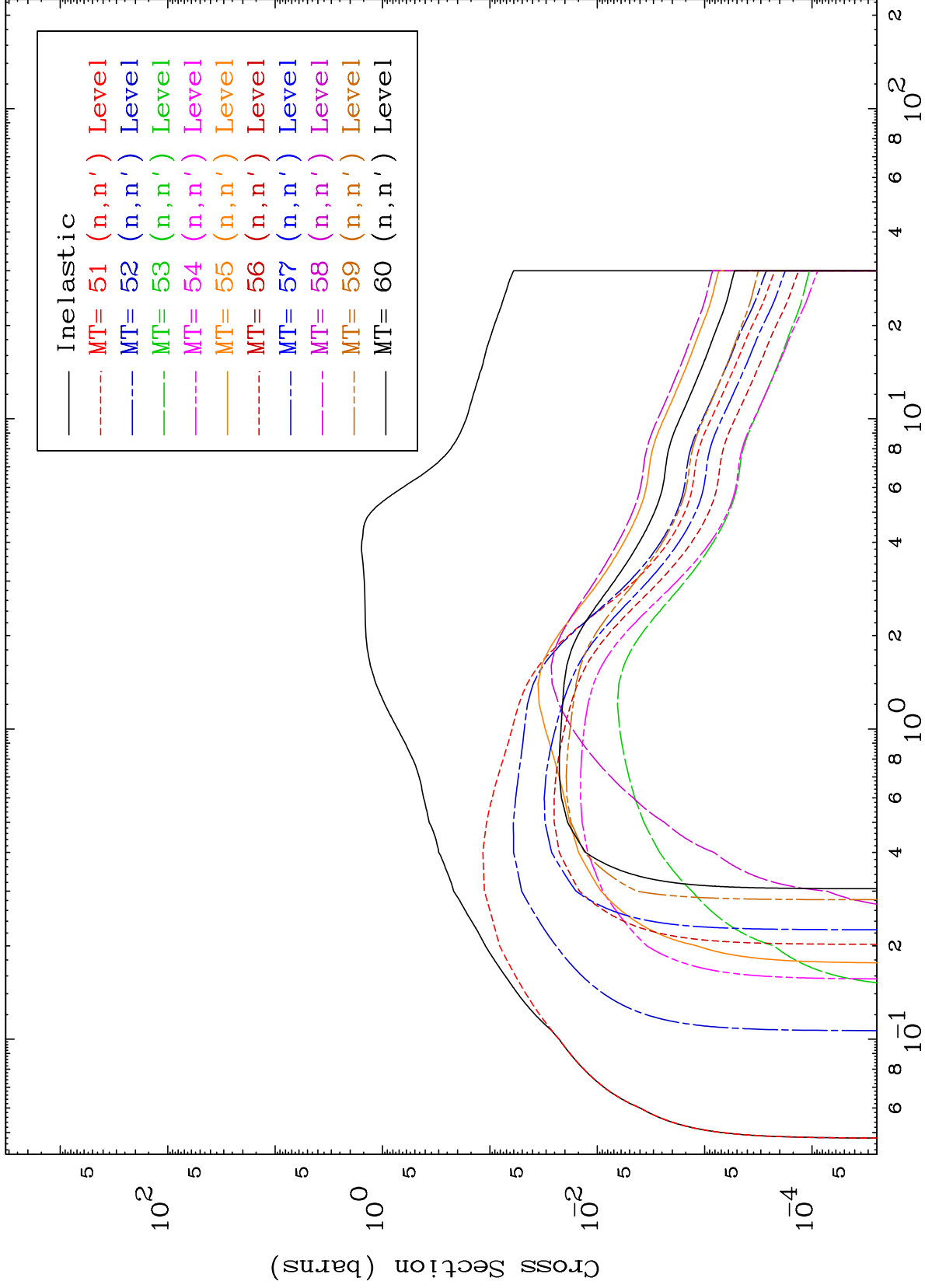


MAT 9431

(n,n') Level

94-Pu-237

293 Kelvin Cross Sections

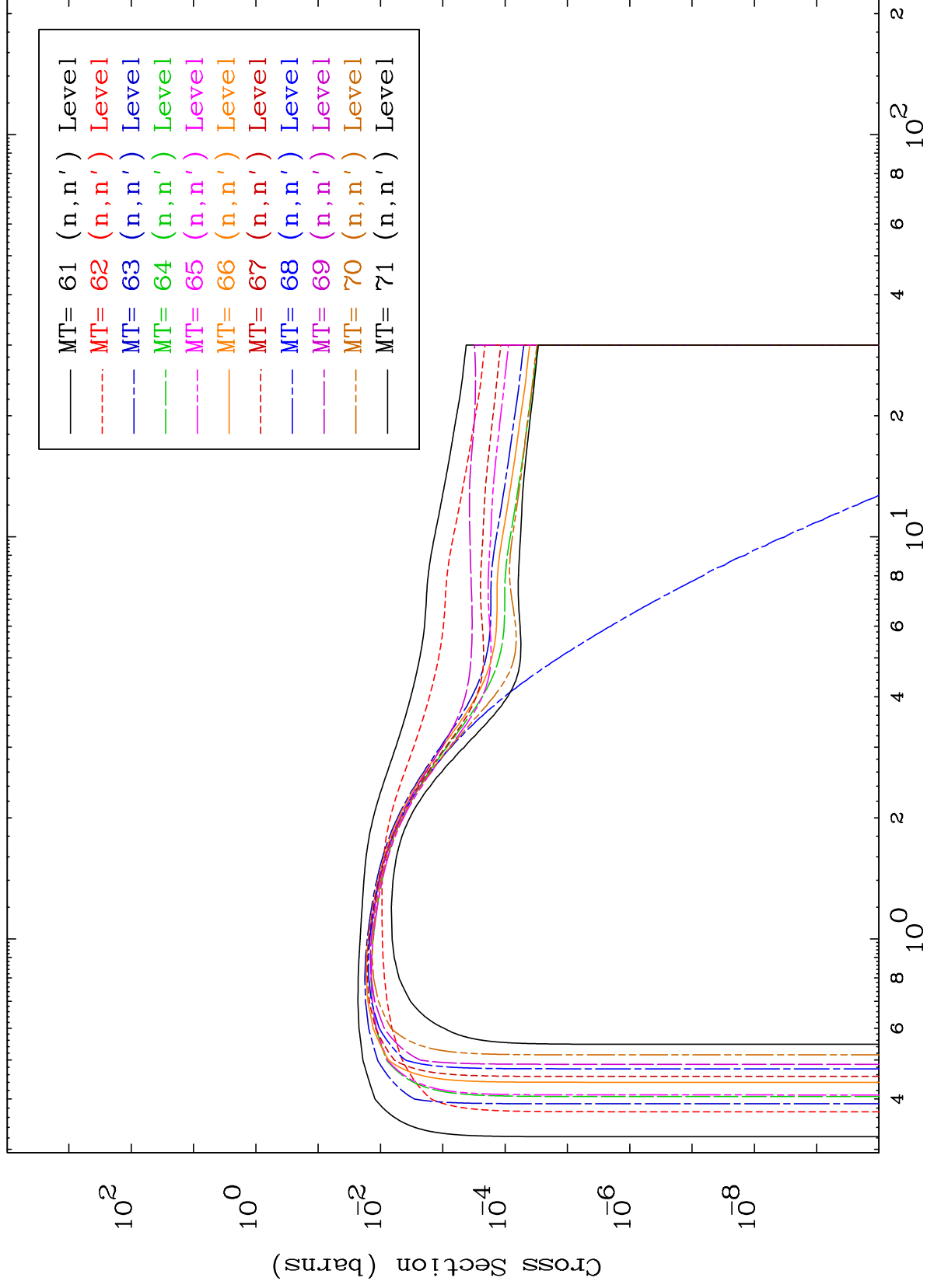


MAT 9431

(n,n') Level

94-Pu-237

293 Kelvin Cross Sections



9

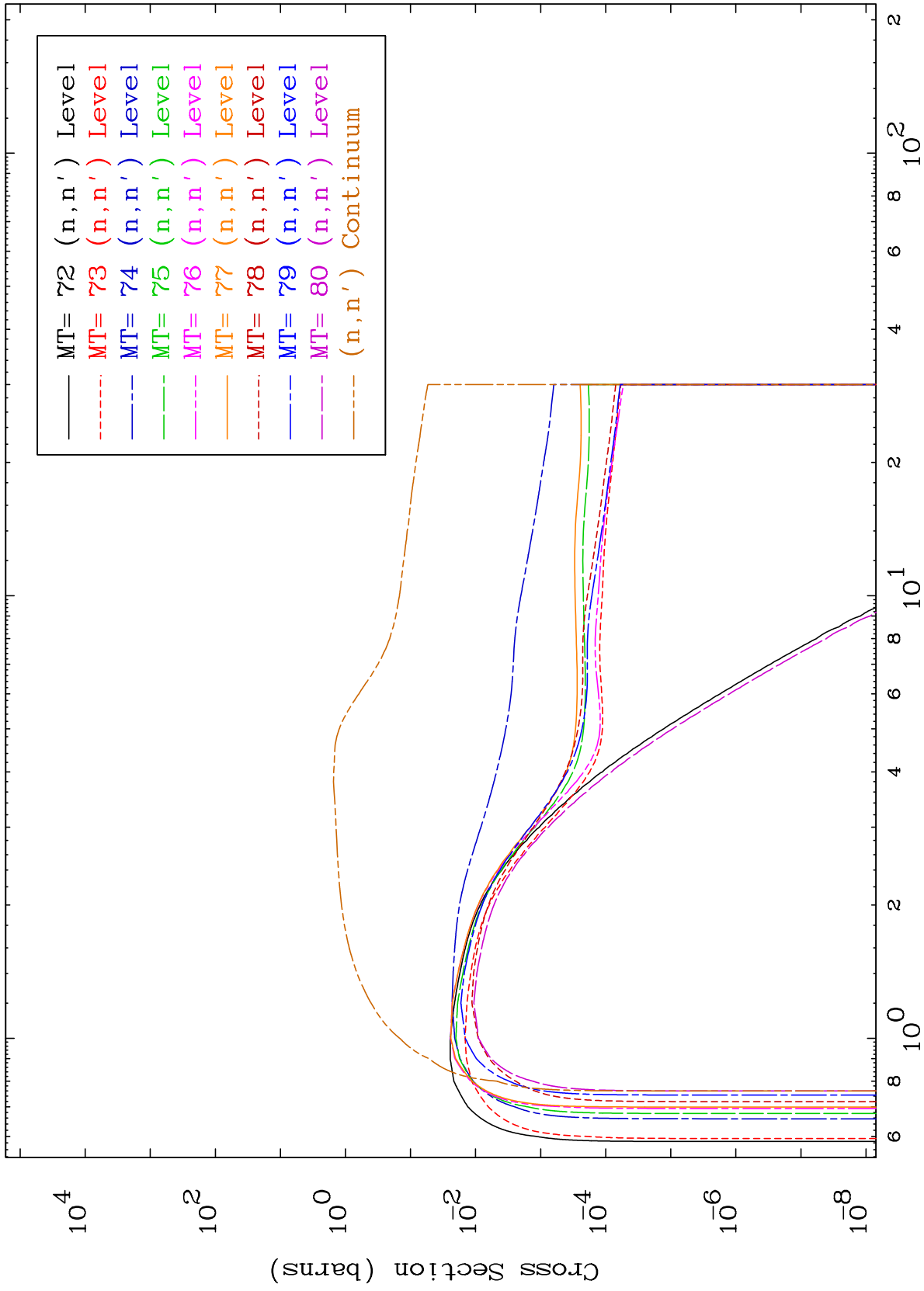
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,n') Level
293 Kelvin Cross Sections

94-Pu-237



10

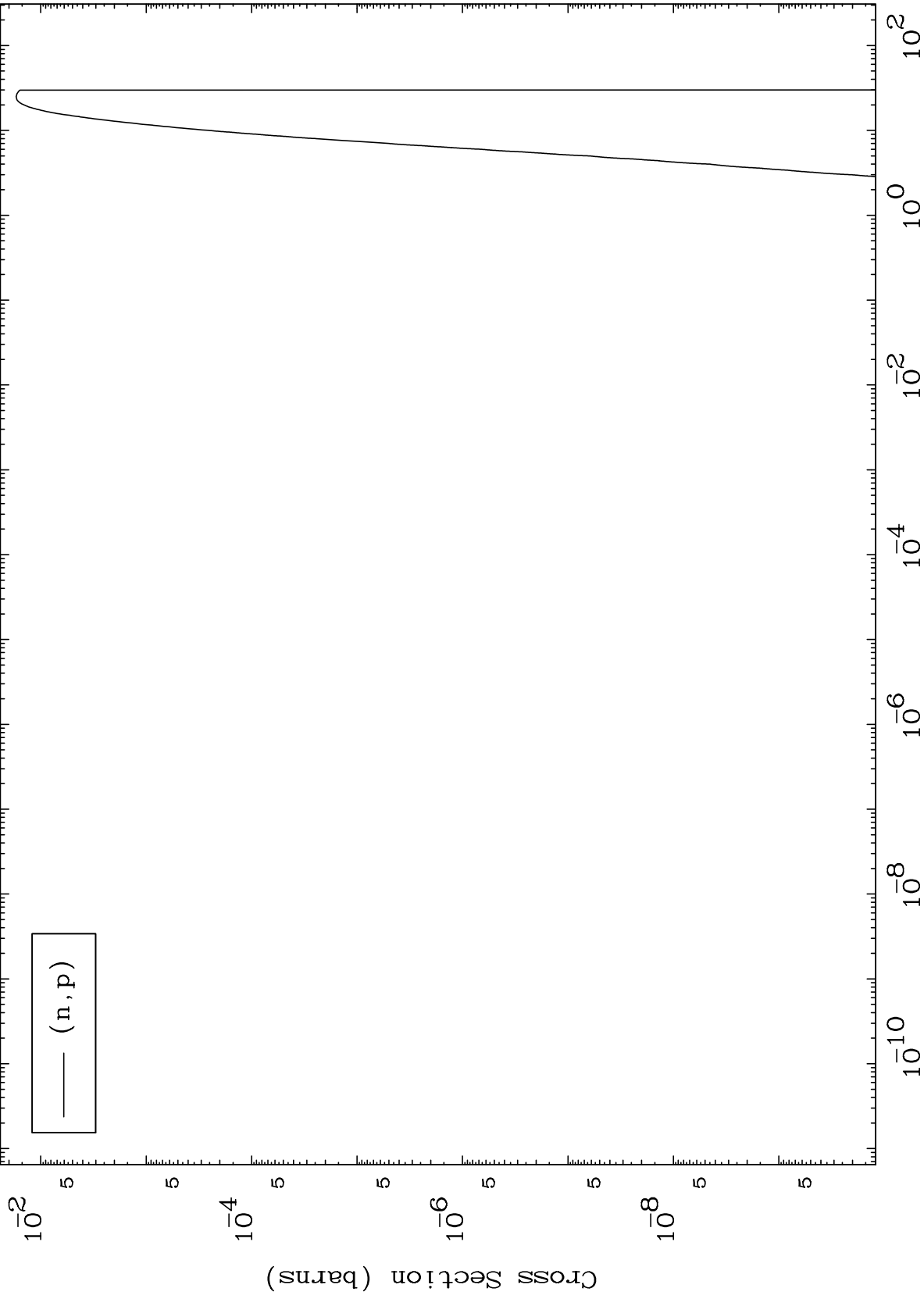
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,p) Levels
293 Kelvin Cross Sections

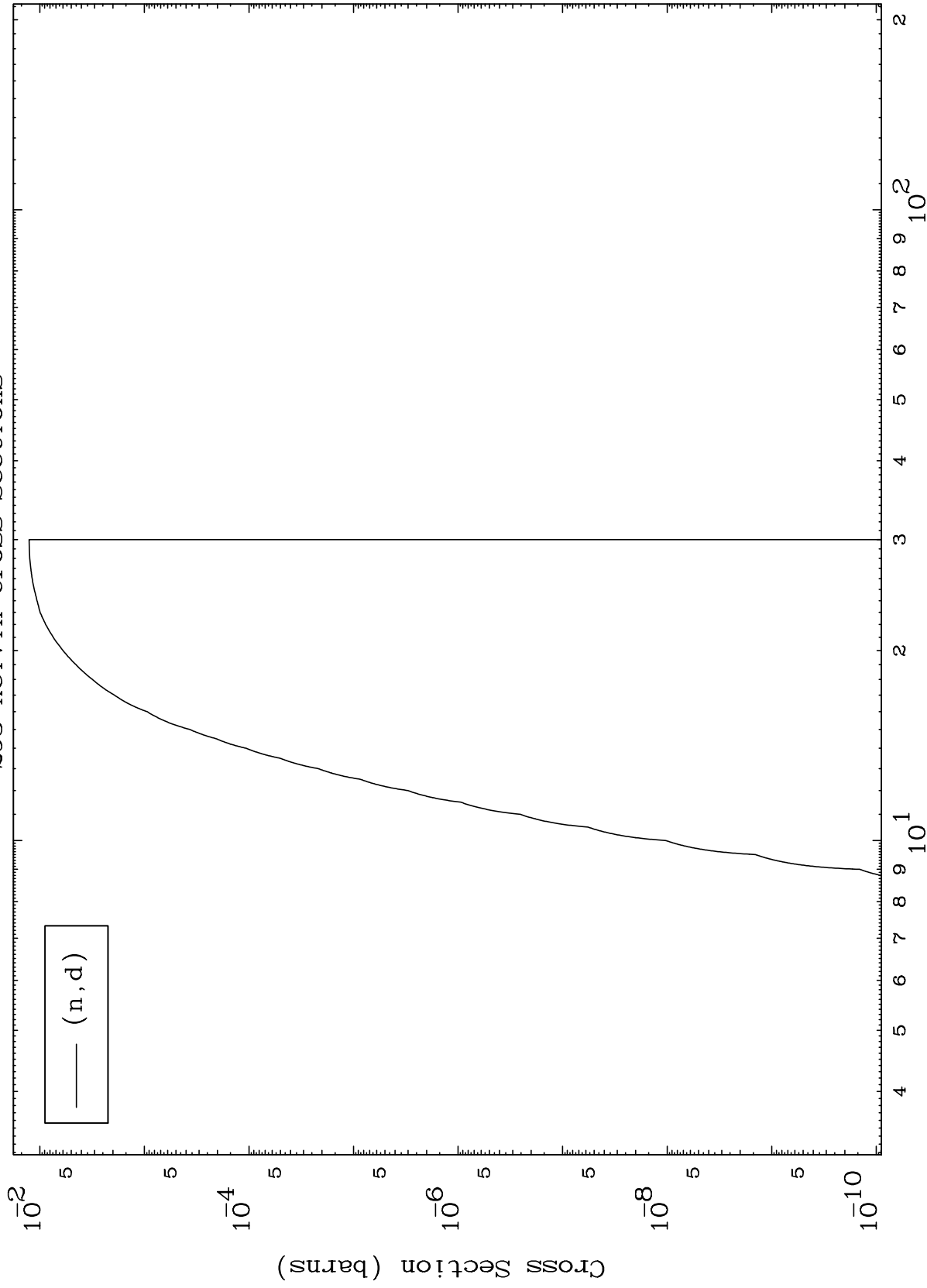
94-Pu-237



MAT 9431

(n,d) Levels
293 Kelvin Cross Sections

94-Pu-237



12

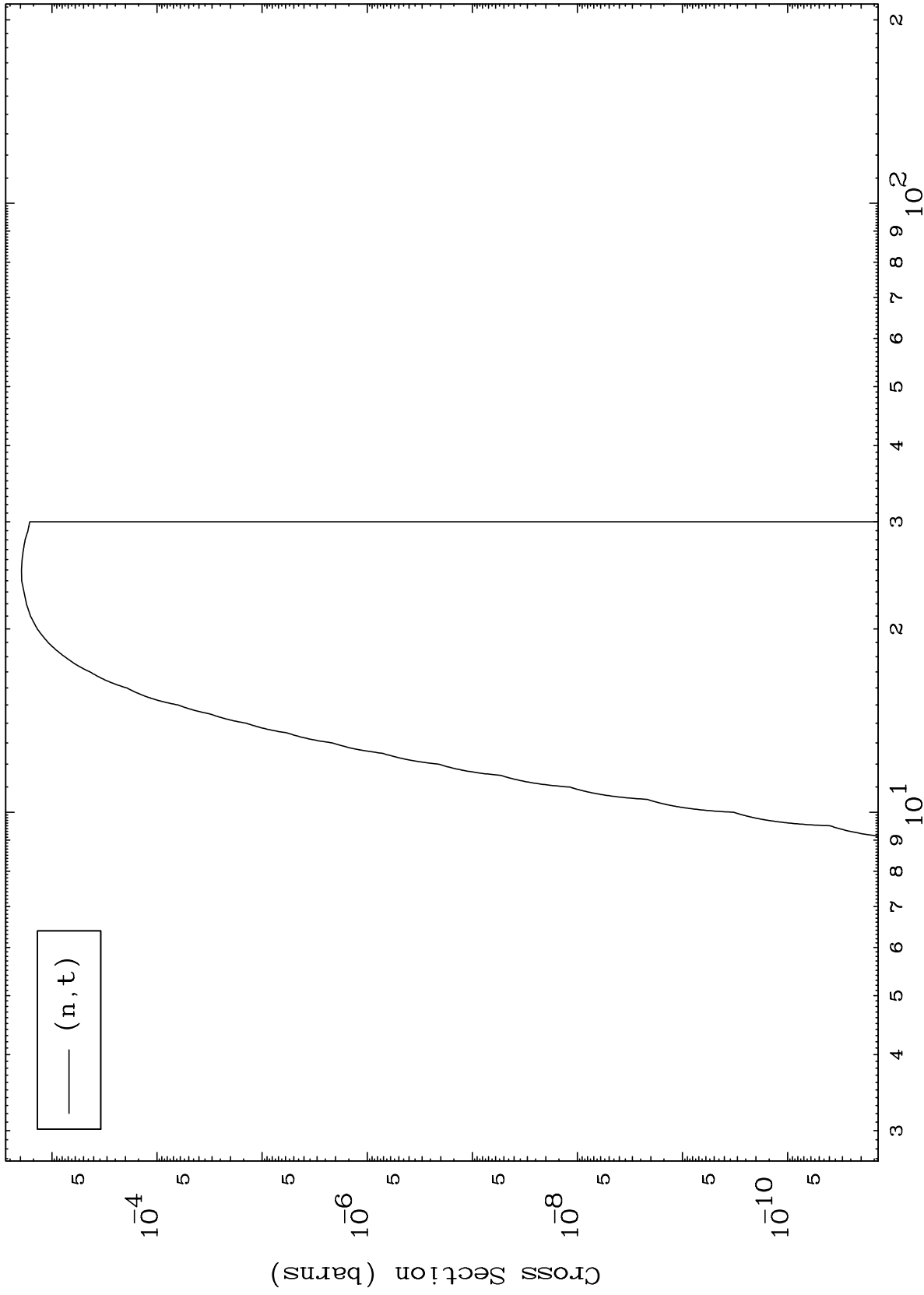
Incident Energy (MeV)

94-Pu-237

MAT 9431

94-Pu-237

(n,t) Levels
293 Kelvin Cross Sections



13

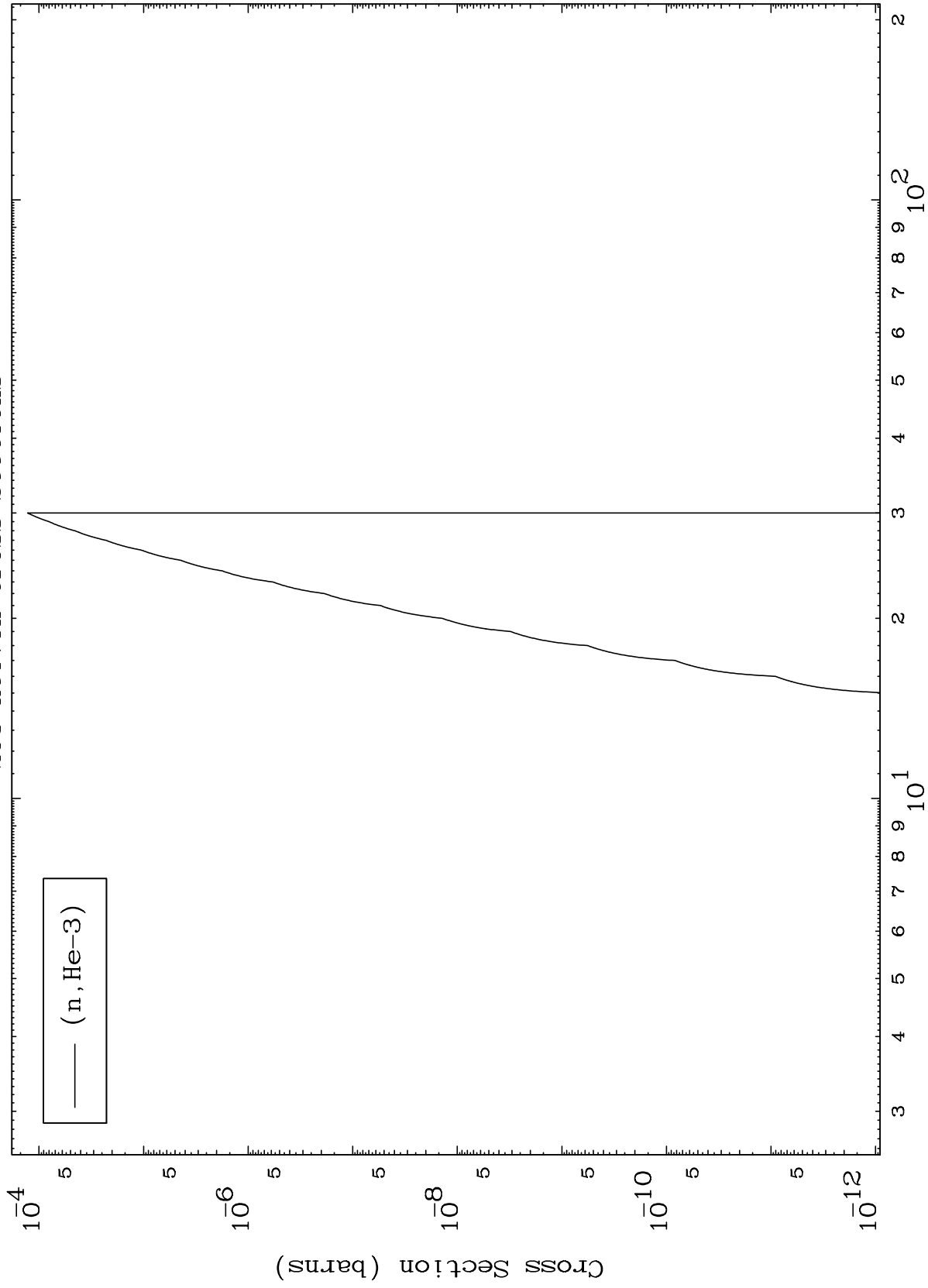
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,He3) Levels
293 Kelvin Cross Sections

94-Pu-237



14

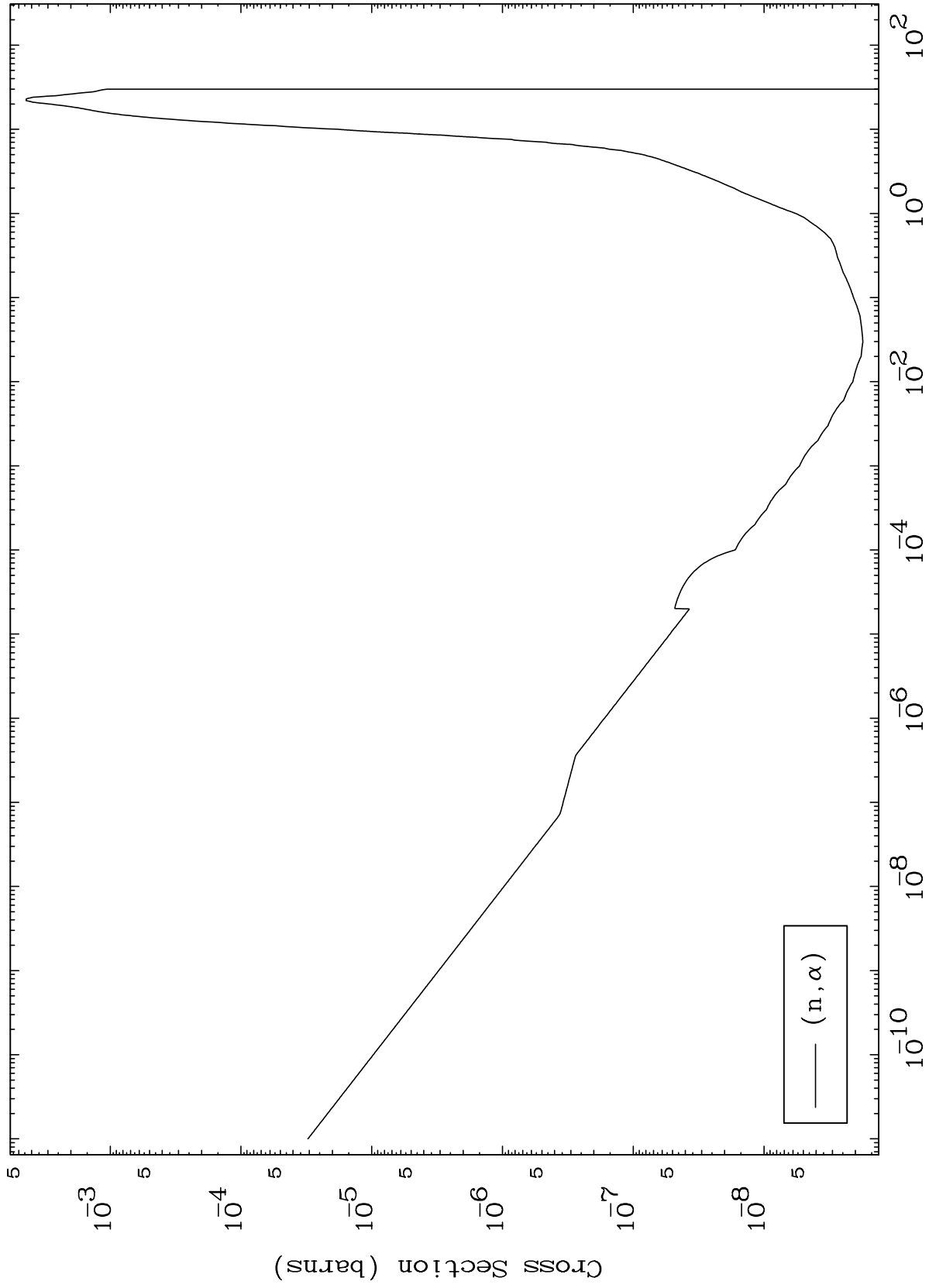
Incident Energy (MeV)

94-Pu-237

MAT 9431

(n,α) Levels
293 Kelvin Cross Sections

94-Pu-237



15

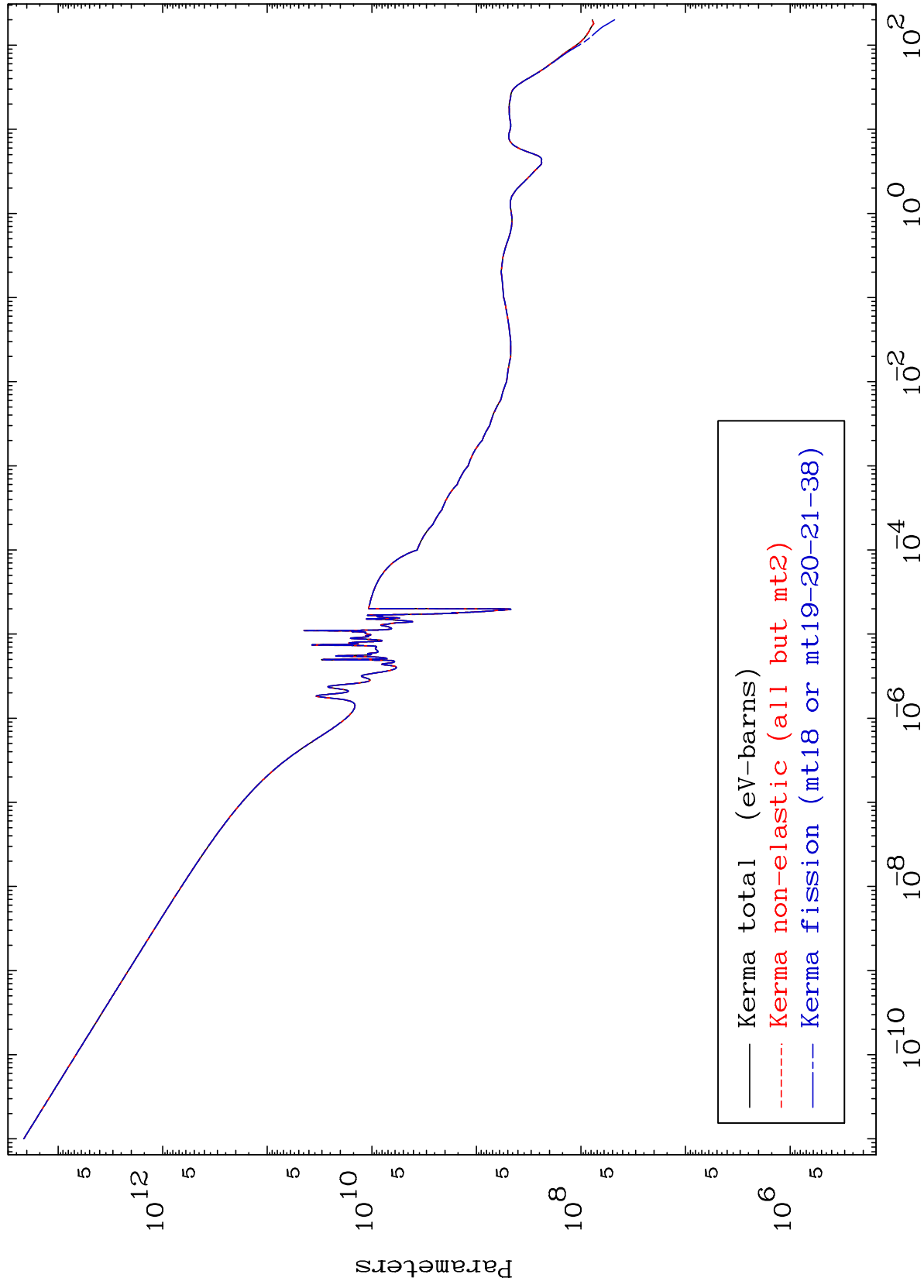
Incident Energy (MeV)

94-Pu-237

MAT 9431

Energy Release
Parameters

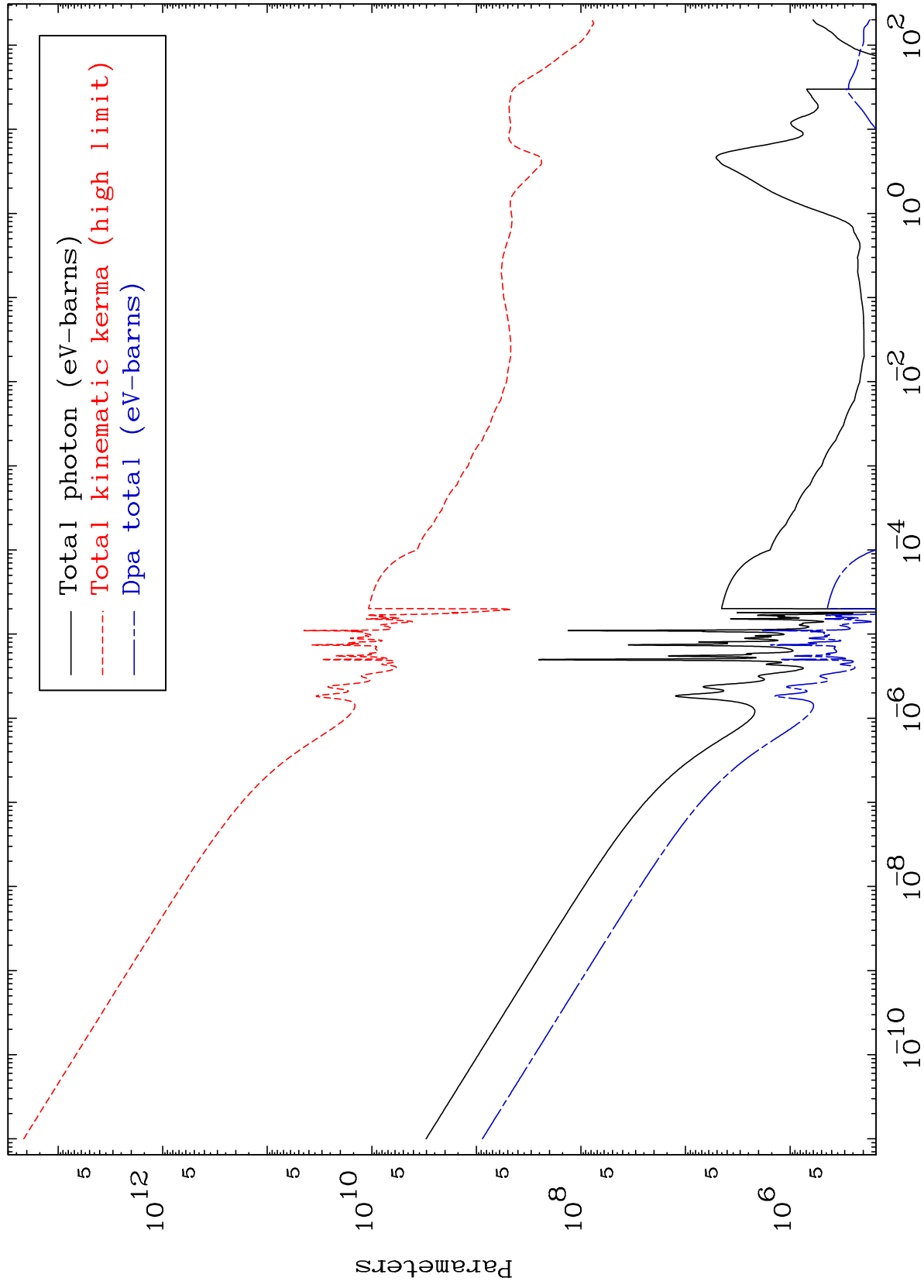
94-Pu-237



16

Incident Energy (MeV)

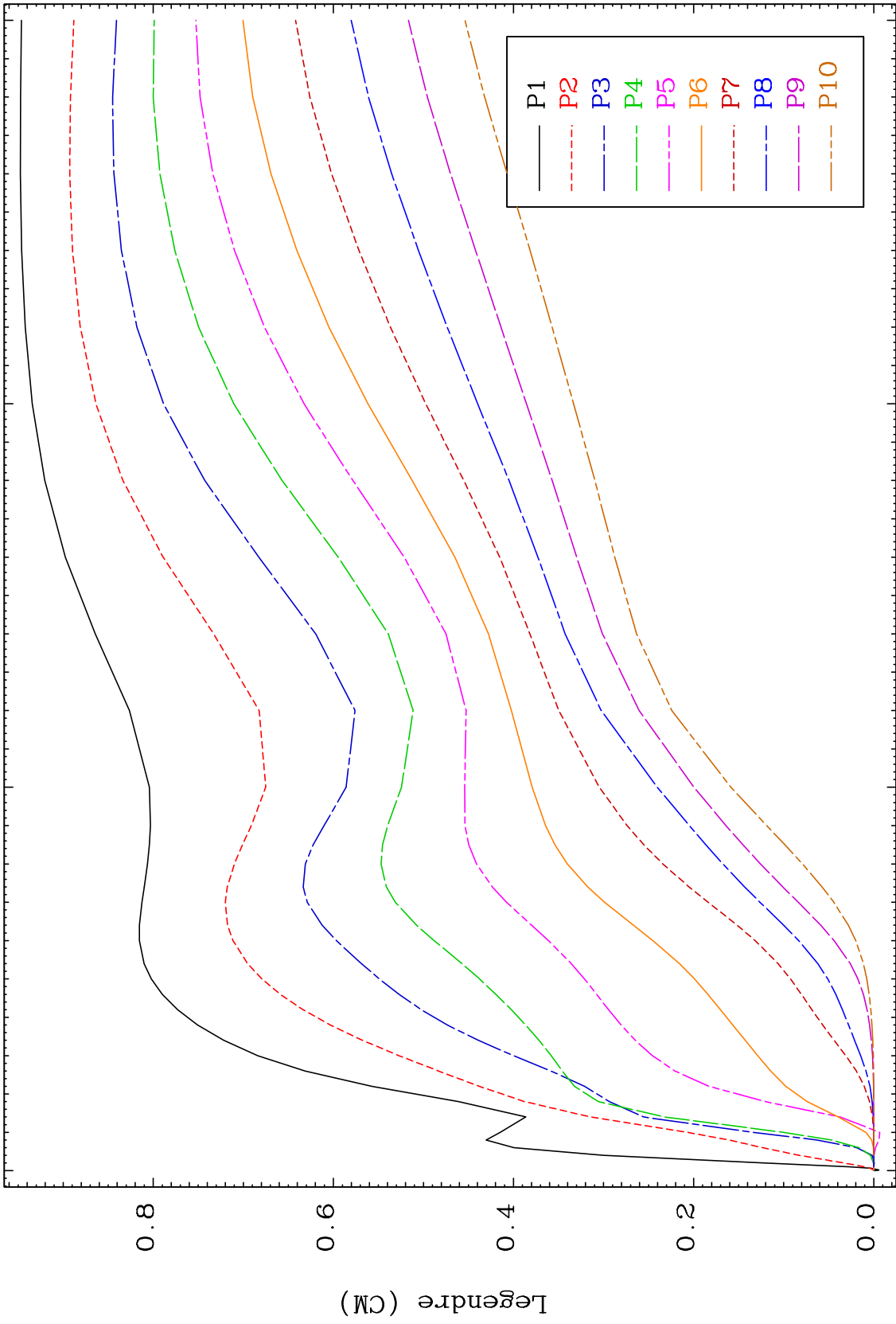
94-Pu-237



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Elastic Legendre Coefficients

94-Pu-237



18

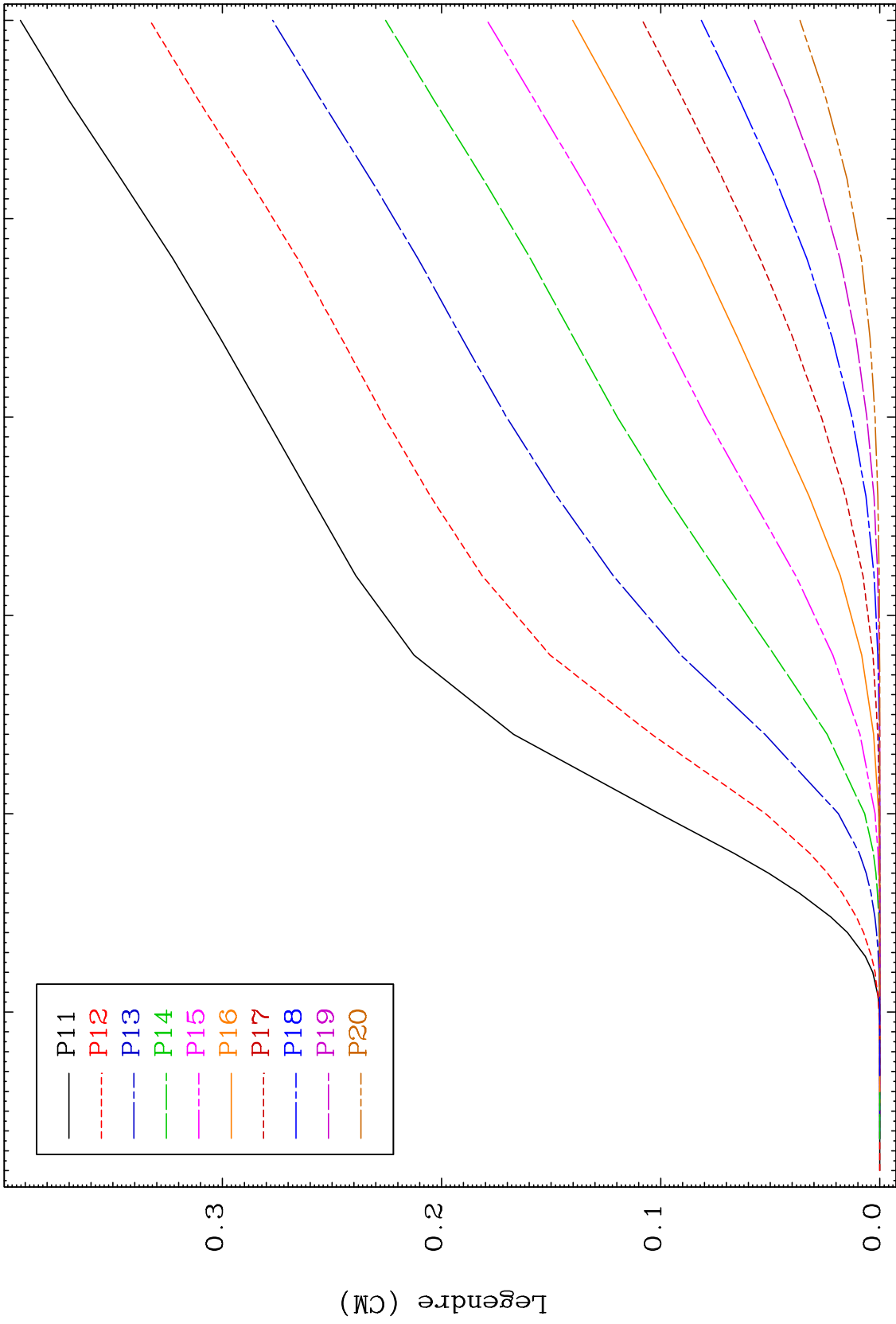
Incident Energy (MeV)

94-Pu-237

MAT 9431

Elastic Legendre Coefficients

94-Pu-237



19

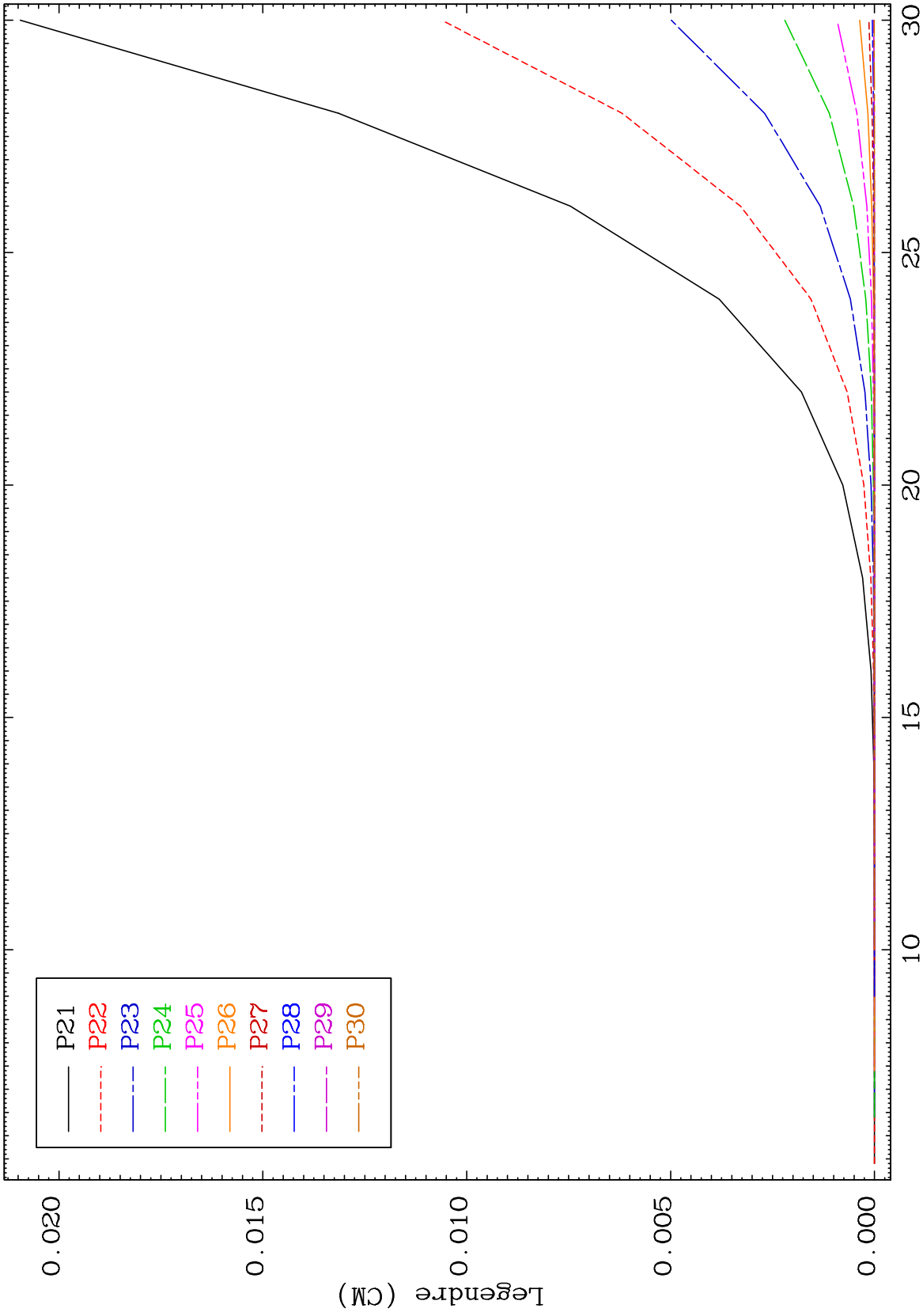
Incident Energy (MeV)

94-Pu-237

MAT 9431

Elastic Legendre Coefficients

94-Pu-237



20

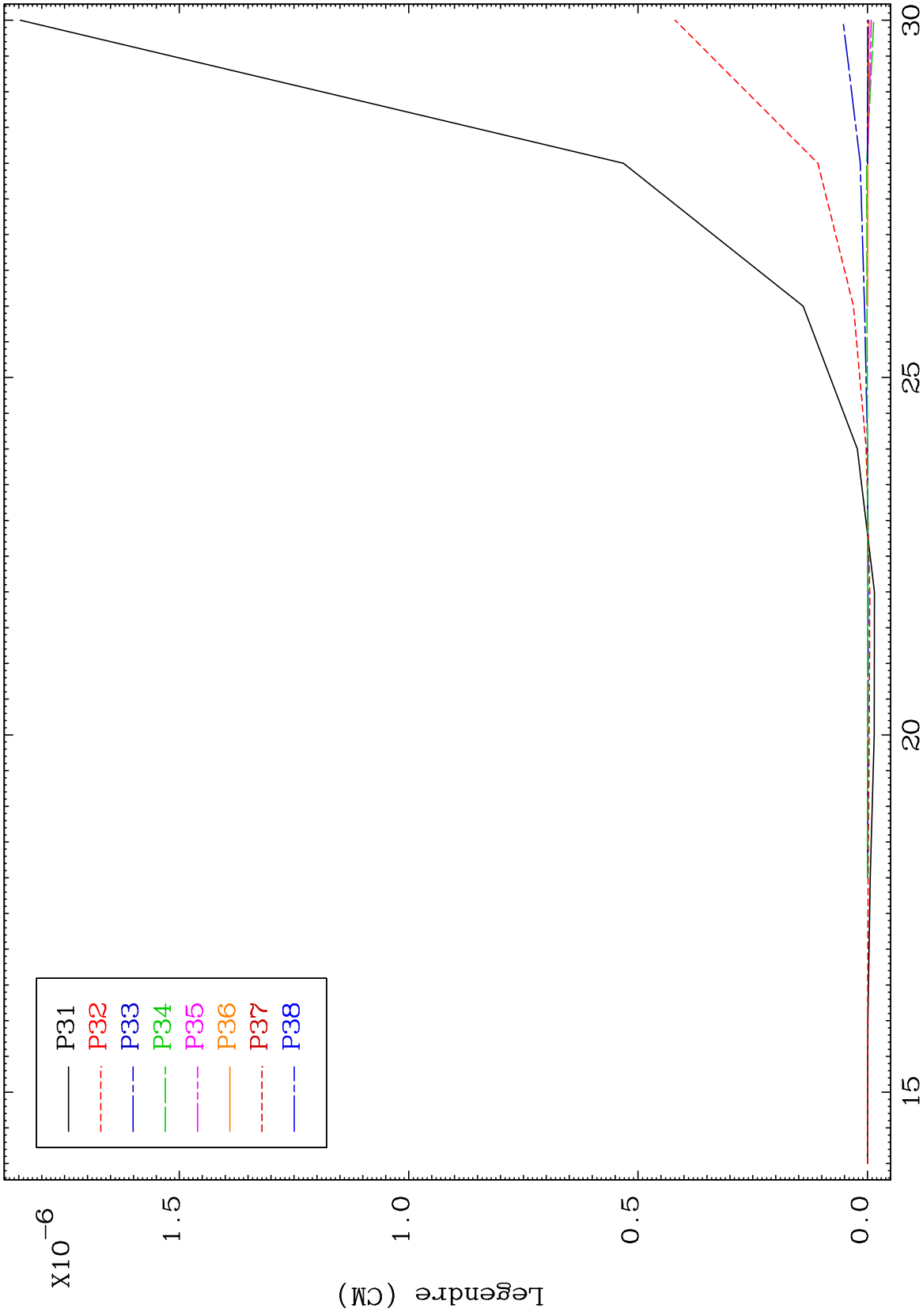
Incident Energy (MeV)

94-Pu-237

MAT 9431

Elastic Legendre Coefficients

94-Pu-237



21

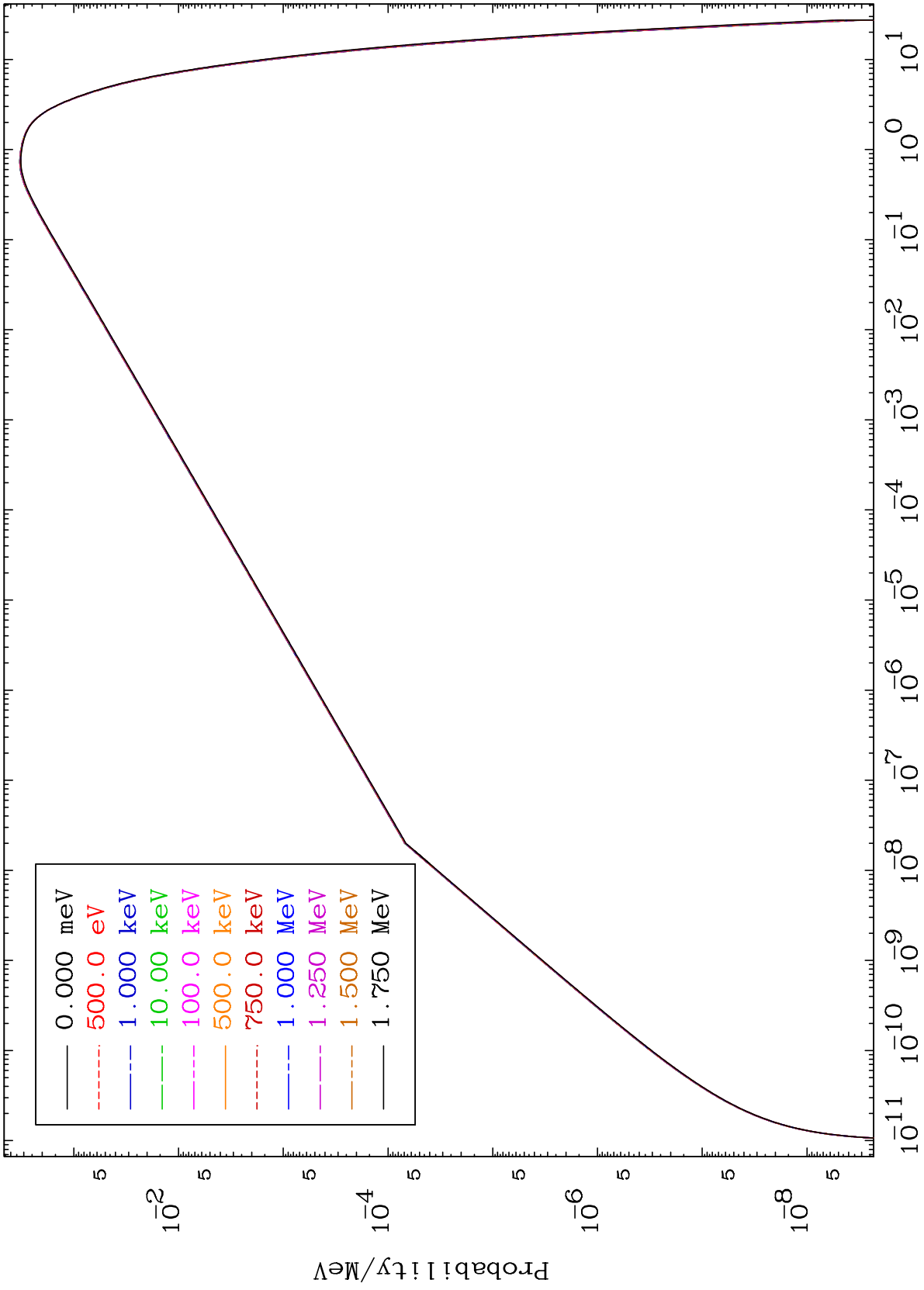
Incident Energy (MeV)

94-Pu-237

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Fission Energy Distribution

94-Pu-237



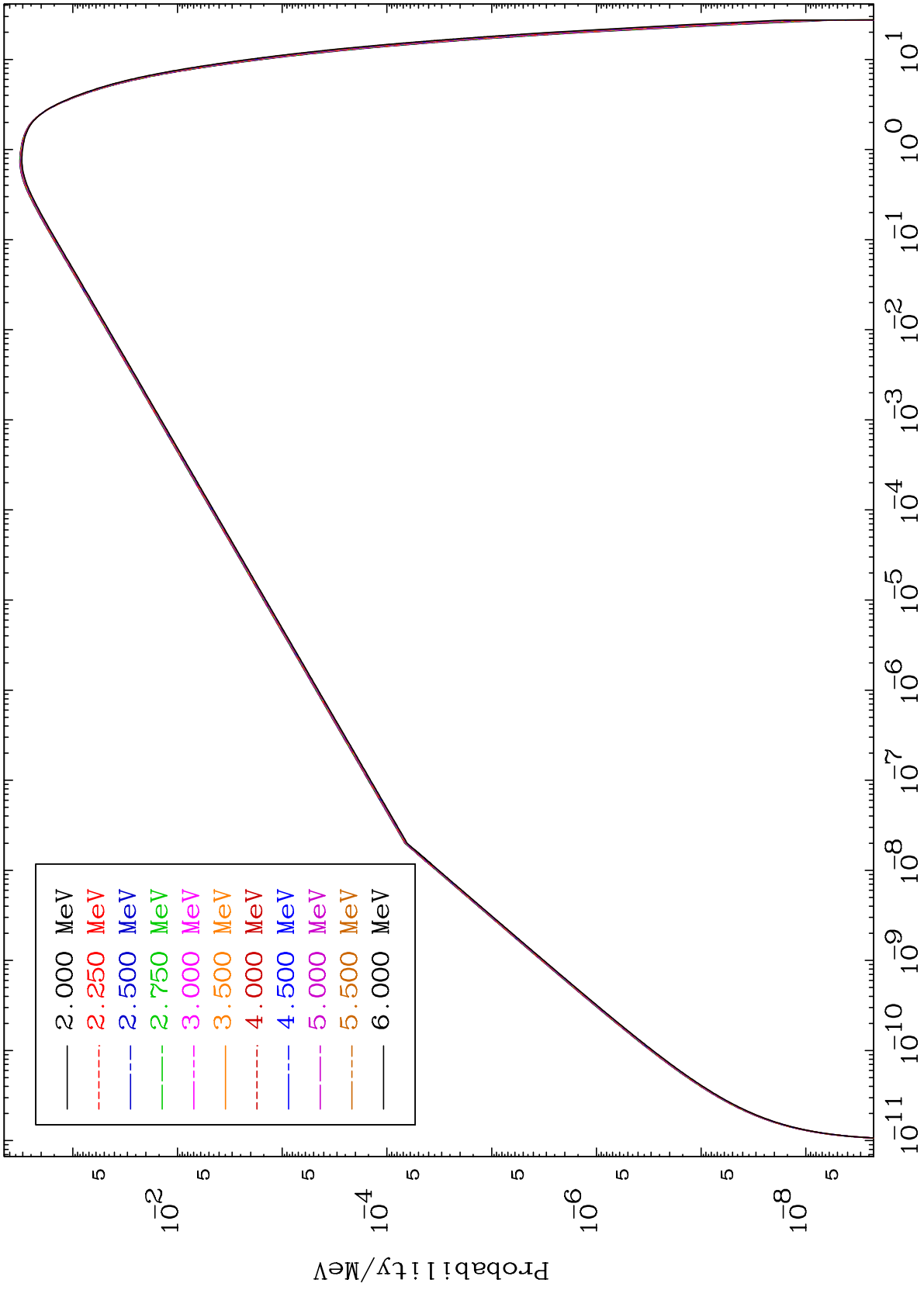
22

94-Pu-237

MAT 9431

Fission Energy Distribution

94-Pu-237



23

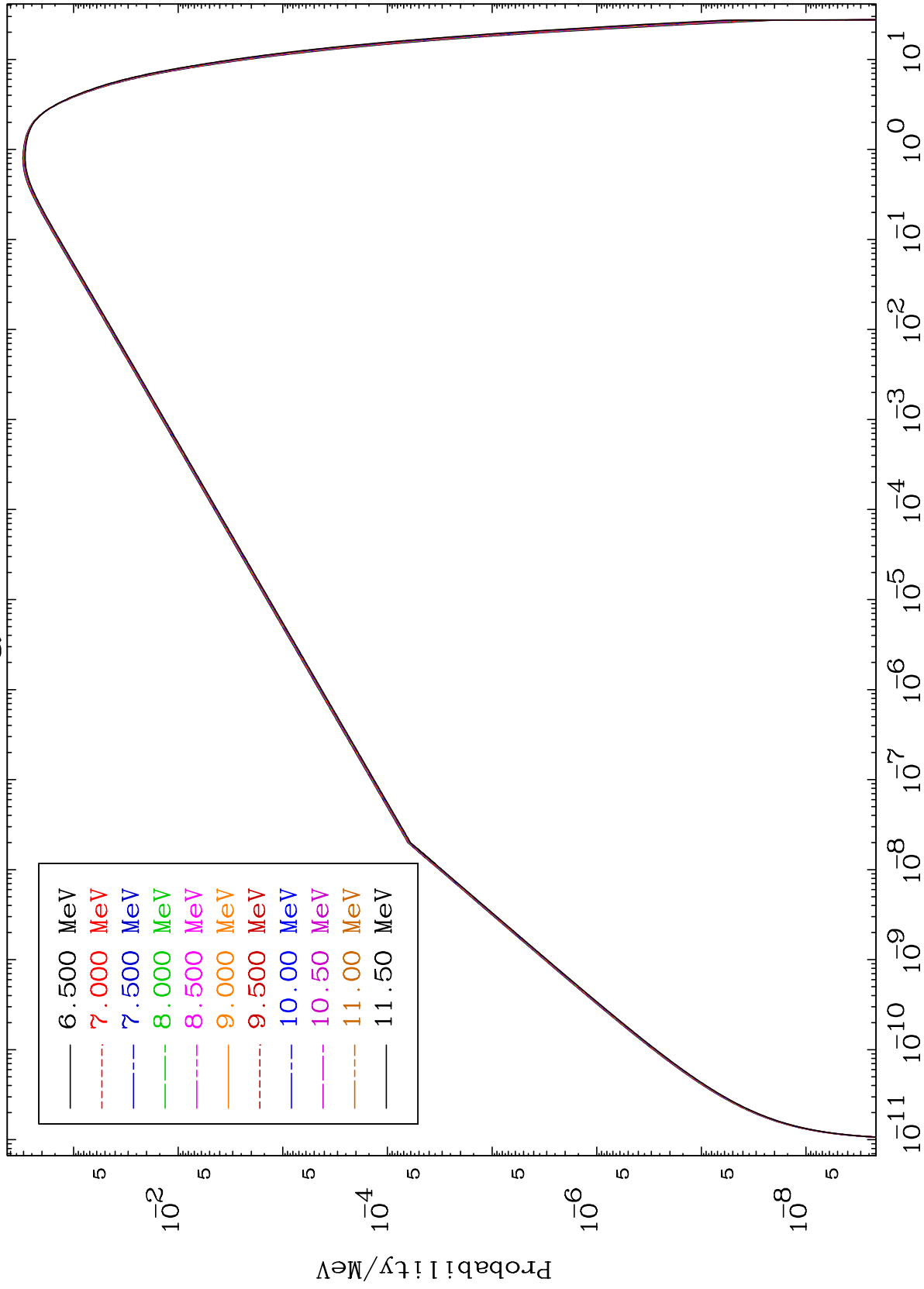
Secondary Energy (MeV)

94-Pu-237

MAT 9431

Fission Energy Distribution

94-Pu-237



24

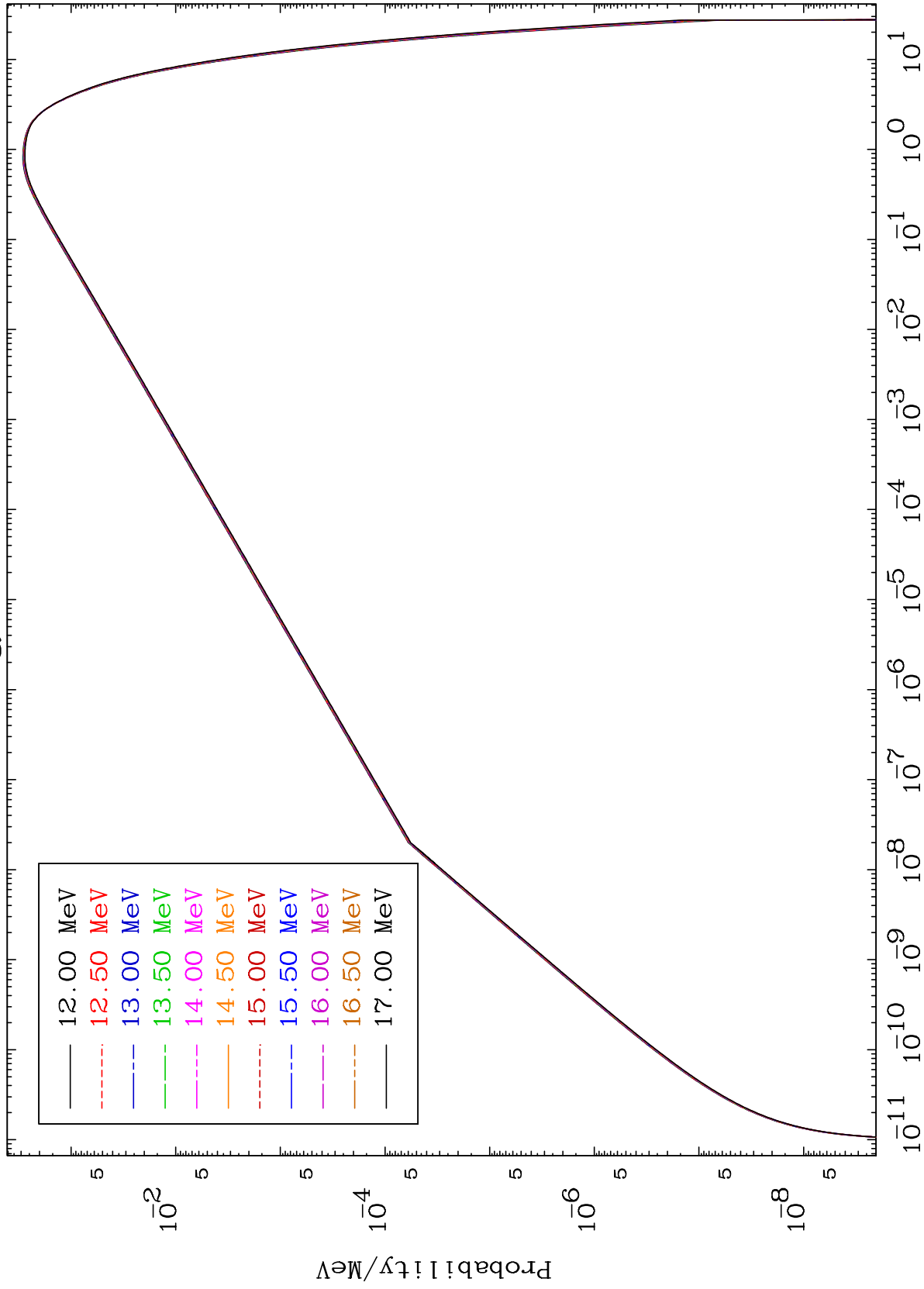
Secondary Energy (MeV)

94-Pu-237

MAT 9431

Fission Energy Distribution

94-Pu-237

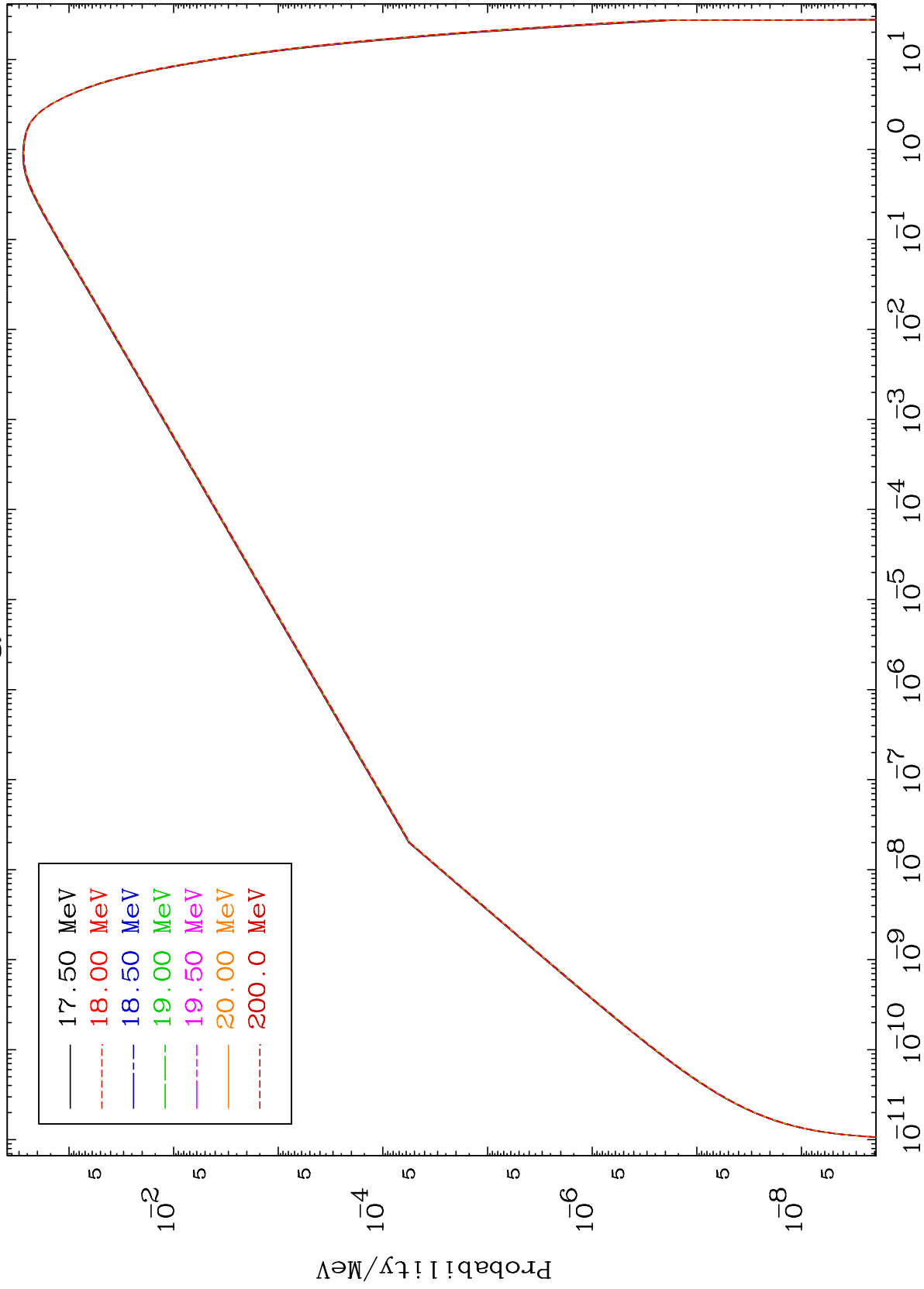


94-Pu-237

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Fission Energy Distribution

94-Pu-237



—	17.50 MeV
- - -	18.00 MeV
- · - ·	18.50 MeV
- · - ·	19.00 MeV
- · - ·	19.50 MeV
- · - ·	20.00 MeV
- - -	200.0 MeV

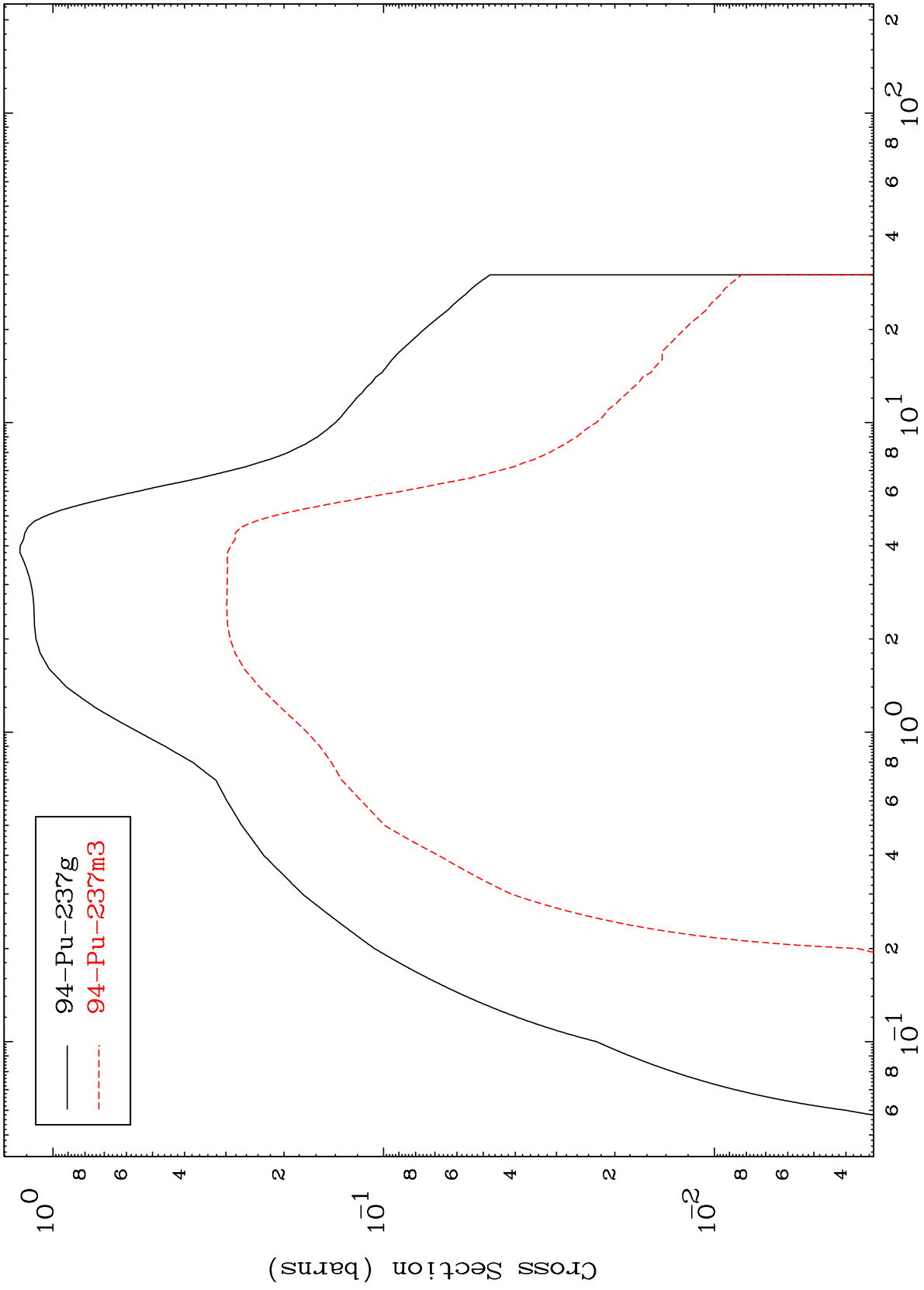
94-Pu-237

Secondary Energy (MeV)

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Radionuclide Production Cross Section

94-Pu-237



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

27

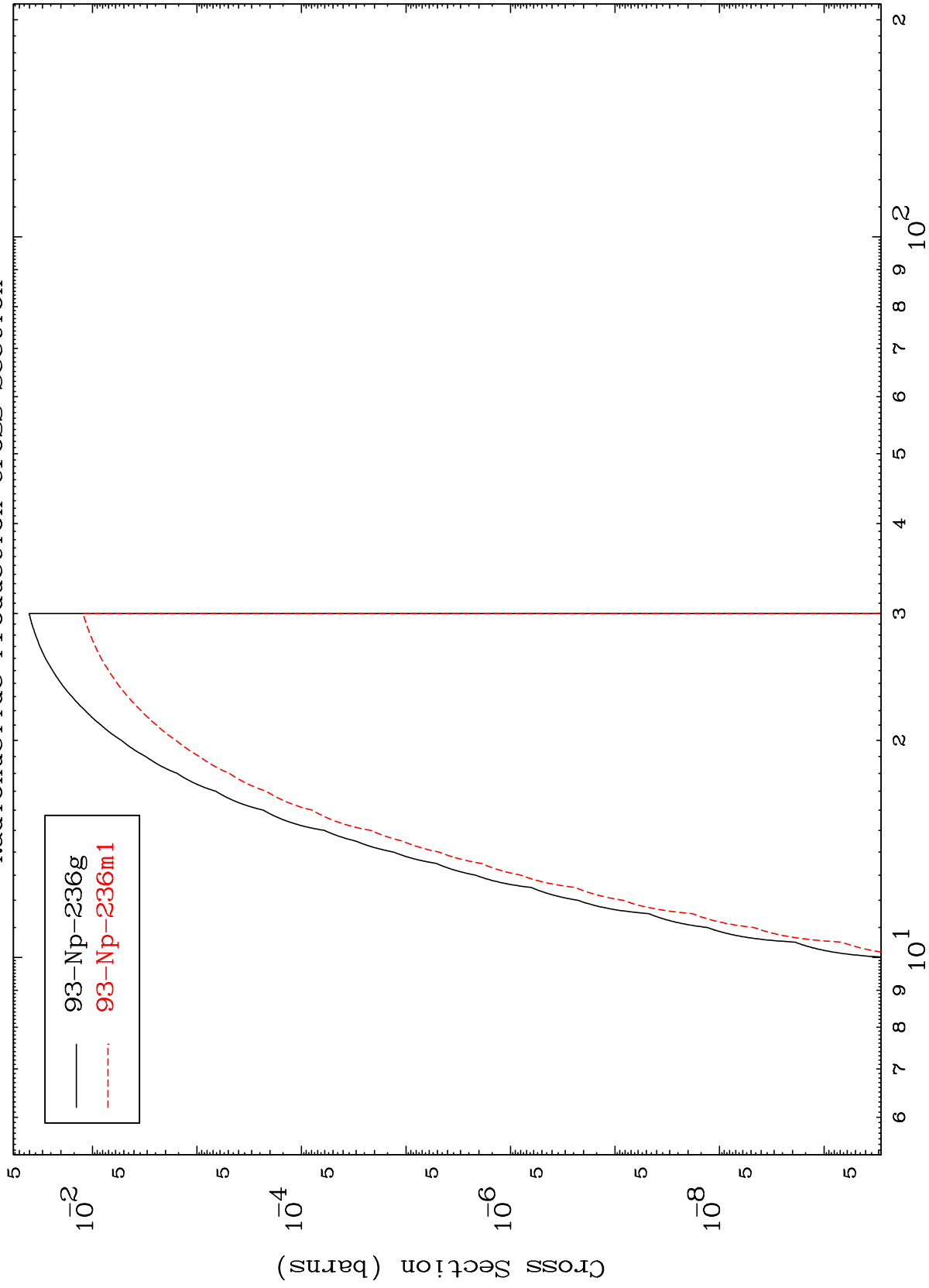
Incident Energy (MeV)

94-Pu-237

MAT 9431

94-Pu-237

(n,n') p
Radionuclide Production Cross Section



28

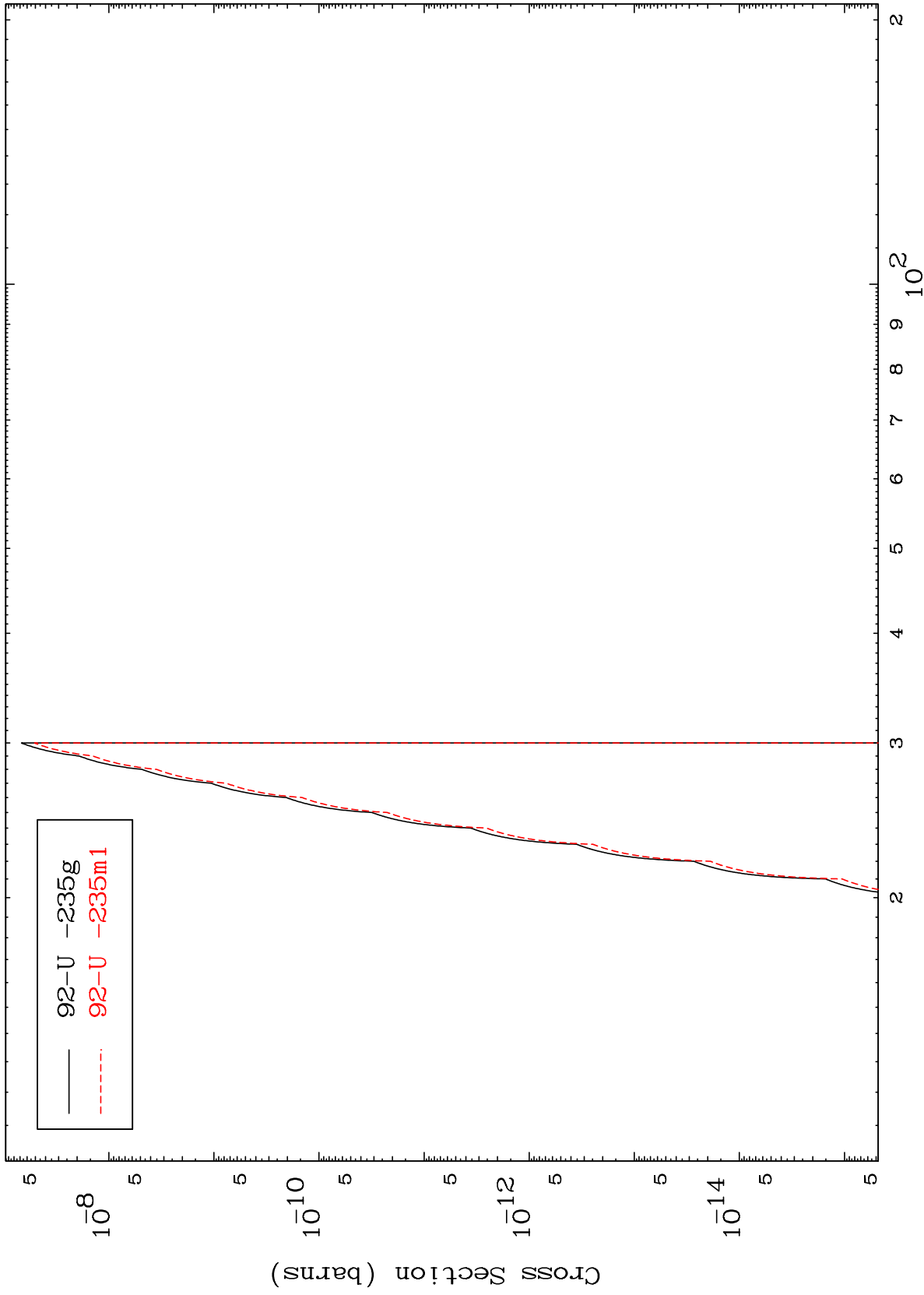
94-Pu-237

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(n,2n) p

94-Pu-237

Radionuclide Production Cross Section



29

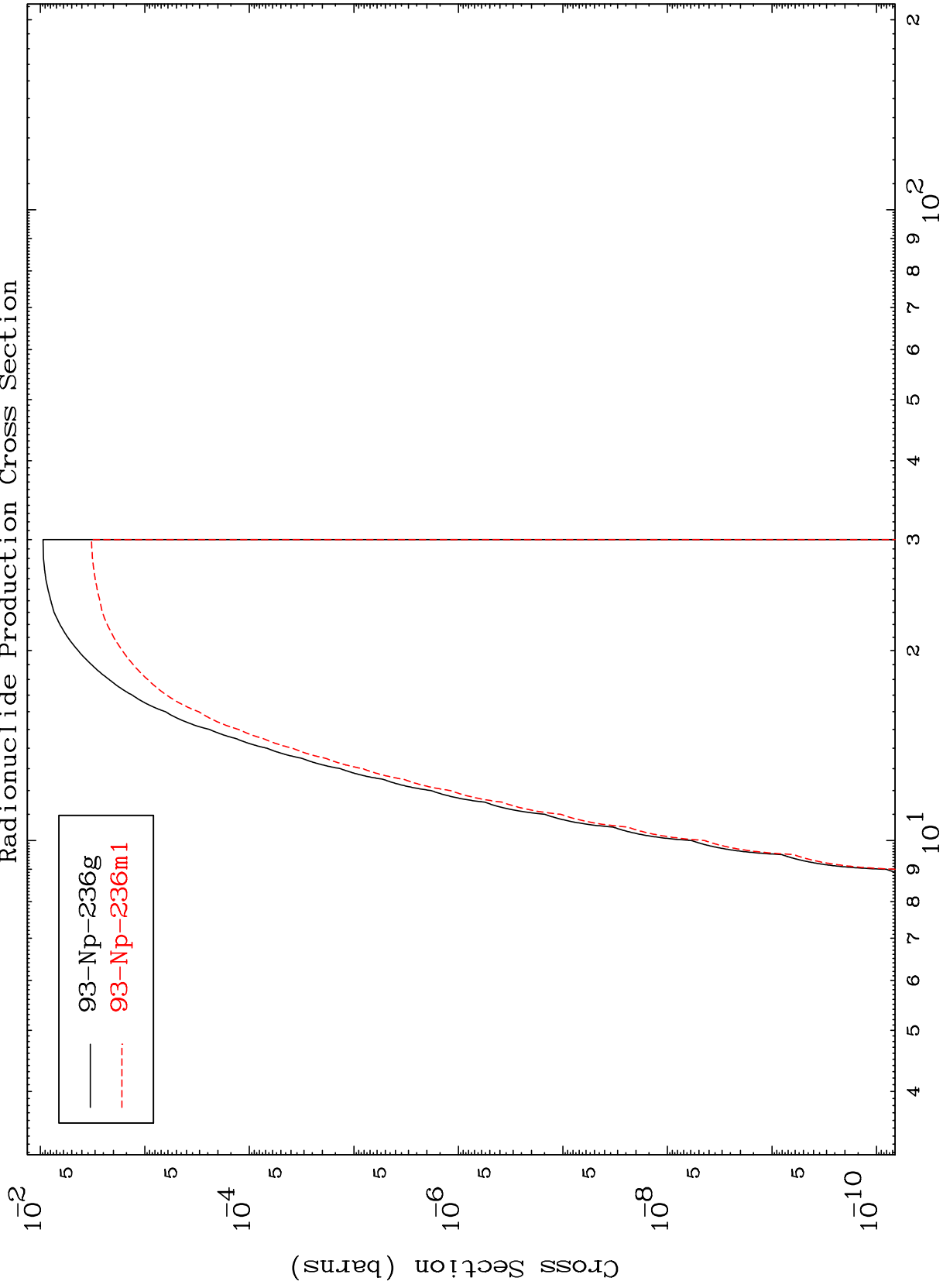
94-Pu-237

94-Pu-237

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94-Pu-237

(n,d)
Radionuclide Production Cross Section



30

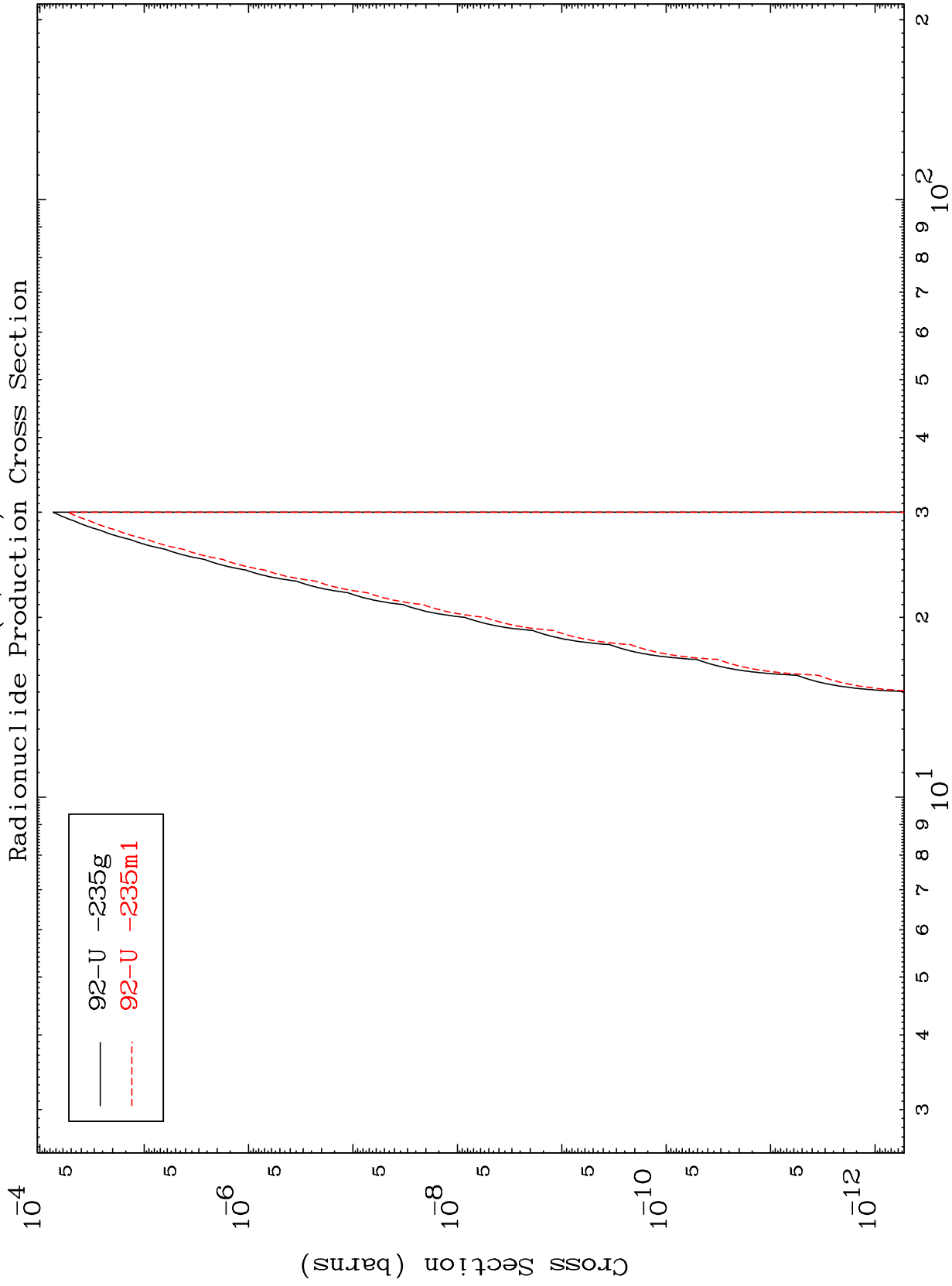
Incident Energy (MeV)

94-Pu-237

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(n, He-3)

94-Pu-237



31

94-Pu-237