

Program EVALPLOT
(Version 2018-1)

by

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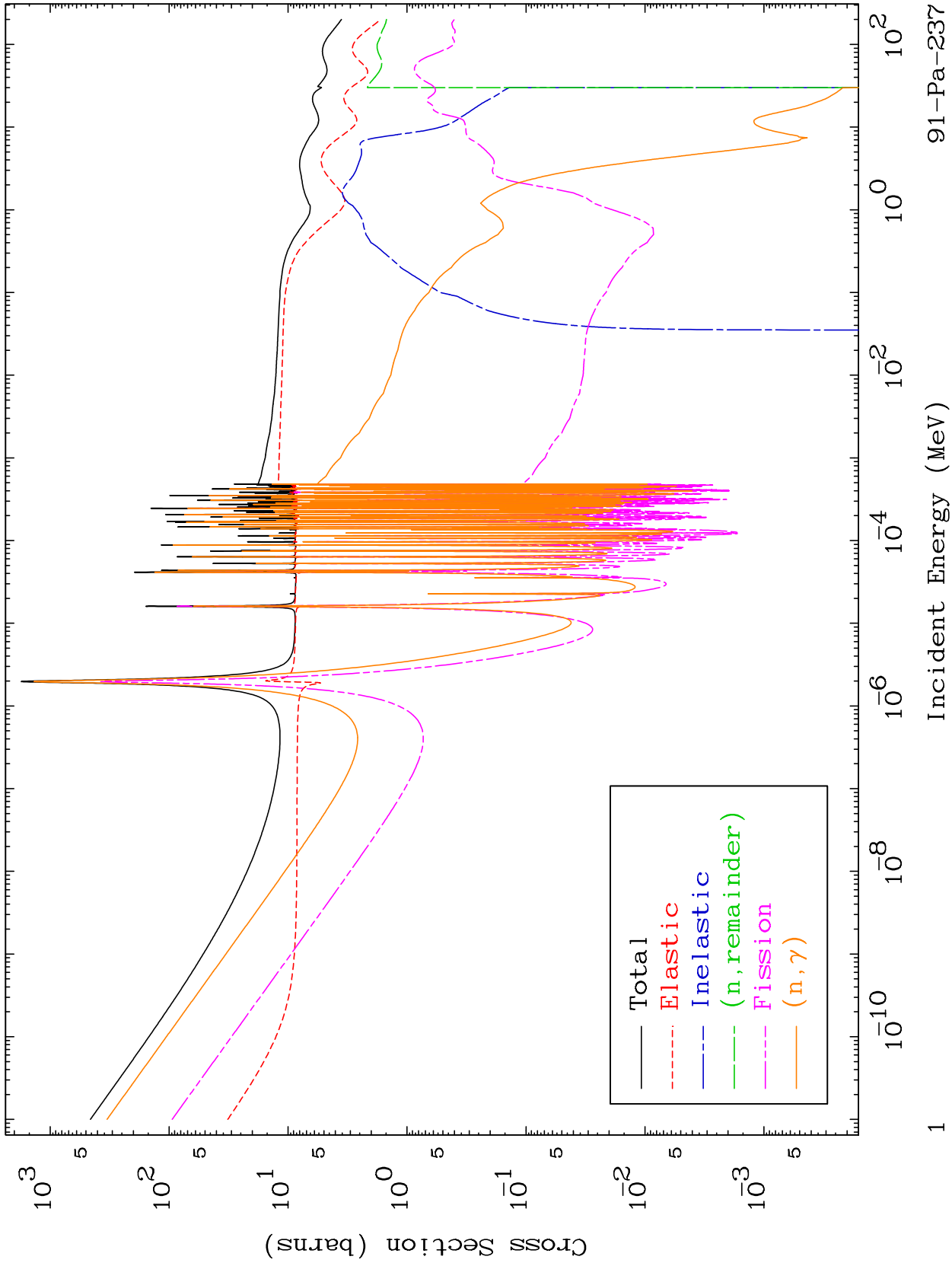
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9149

Major
293 Kelvin Cross Sections

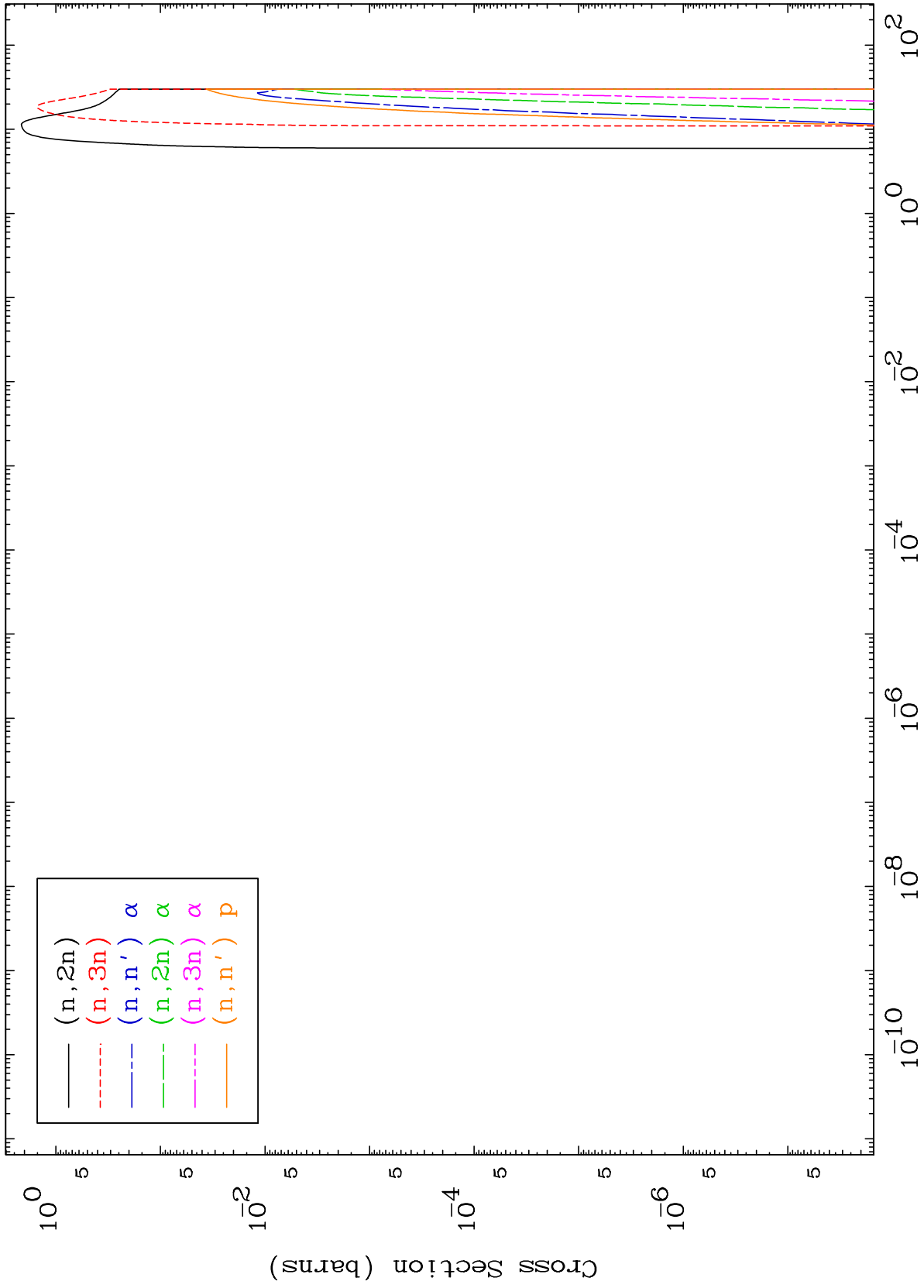
91-Pa-237



MAT 9149

Neutron Production
293 Kelvin Cross Sections

91-Pa-237

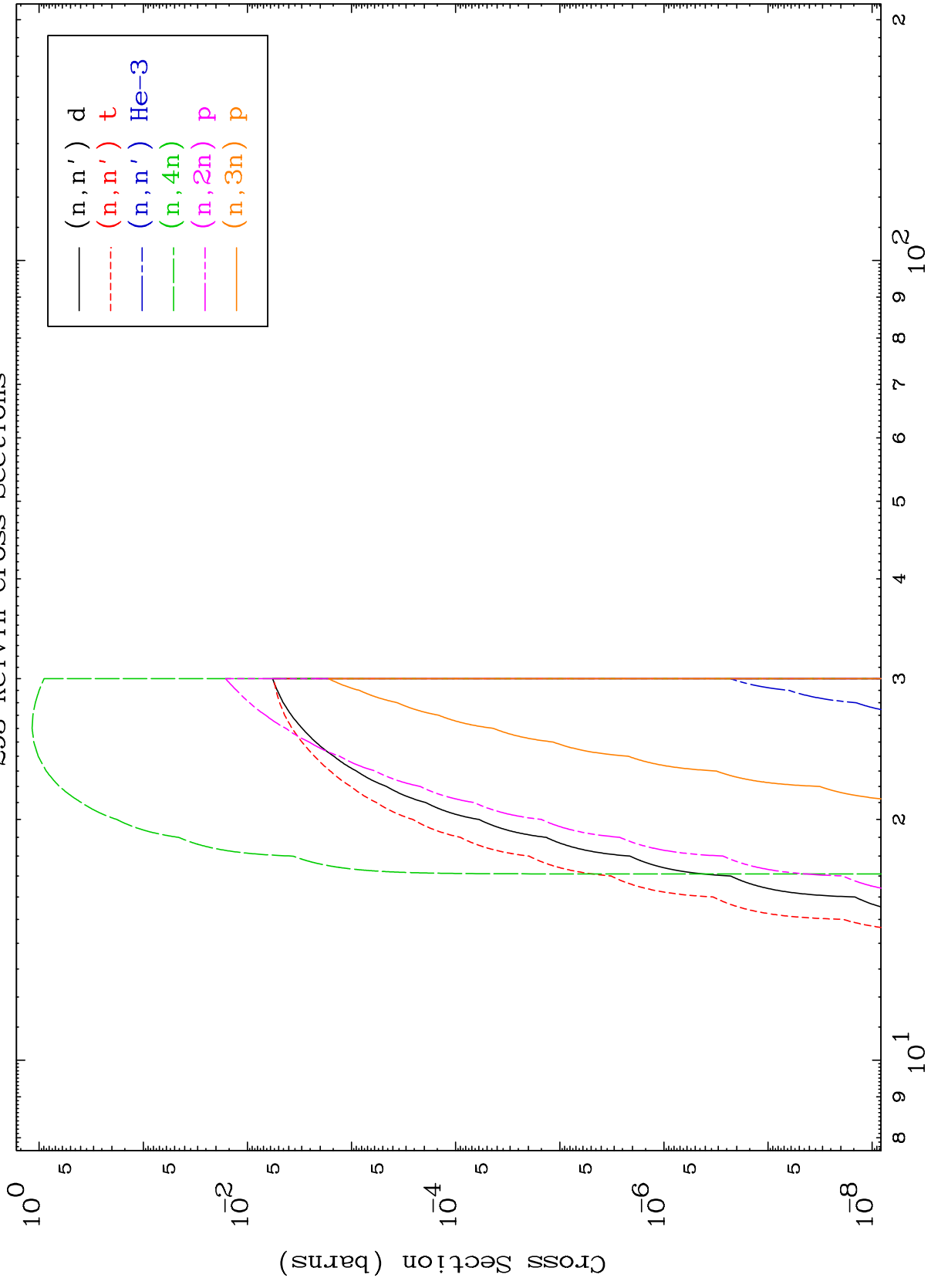


91-Pa-237

MAT 9149

Neutron Production
293 Kelvin Cross Sections

91-Pa-237



3

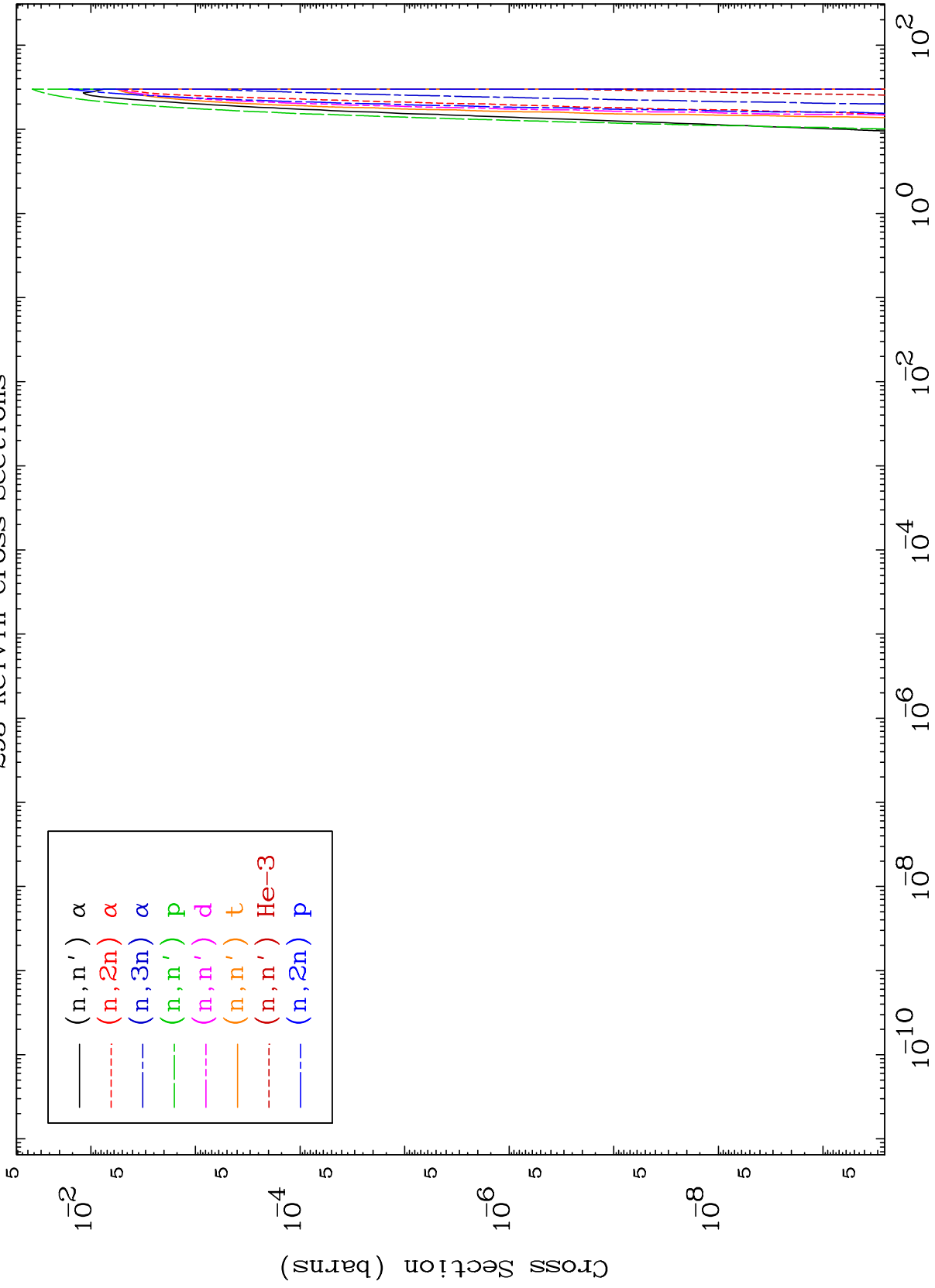
Incident Energy (MeV)

91-Pa-237

MAT 9149

293 Kelvin Cross Sections

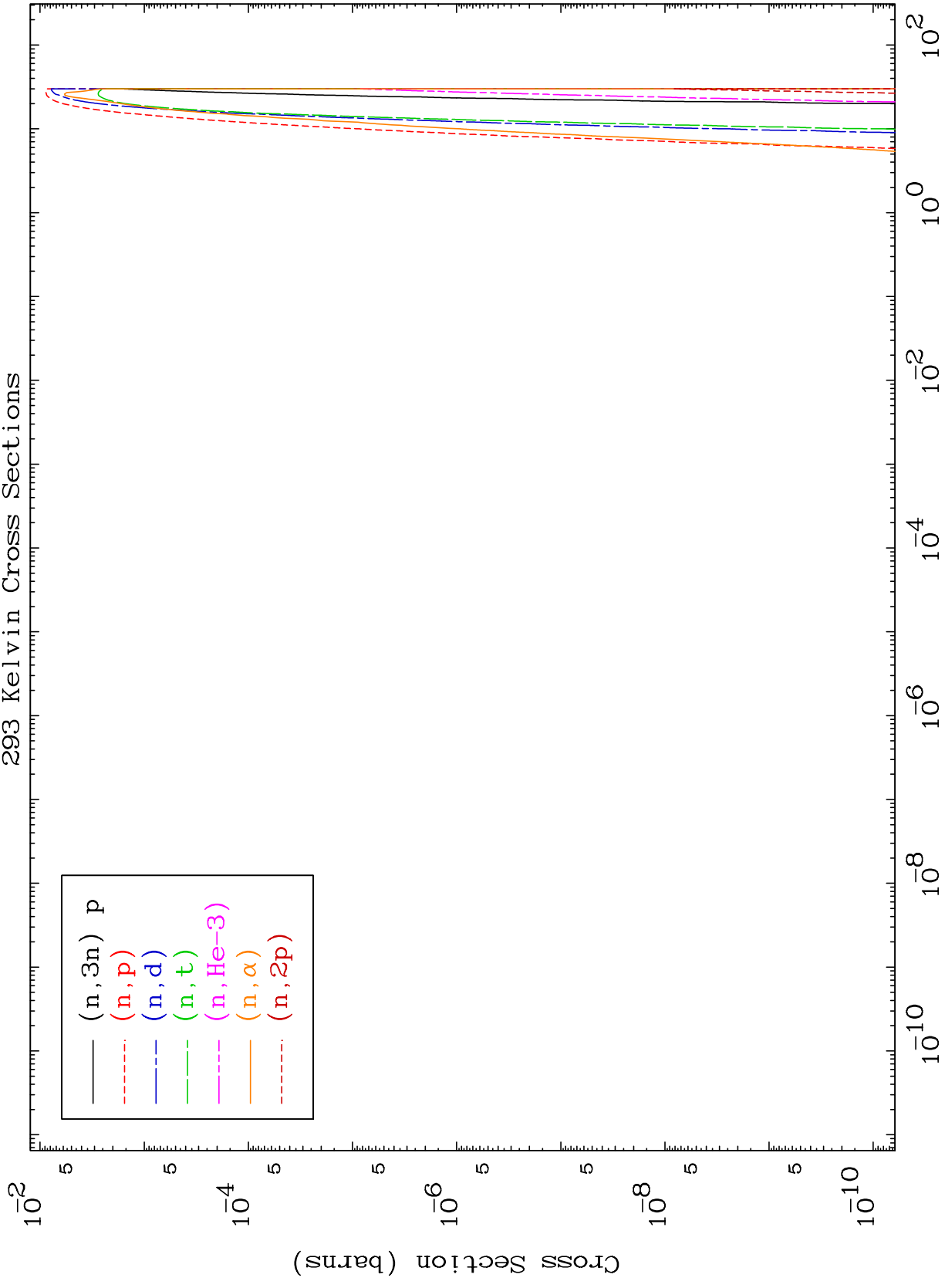
91-Pa-237



MAT 9149

293 Kelvin Cross Sections

91-Pa-237



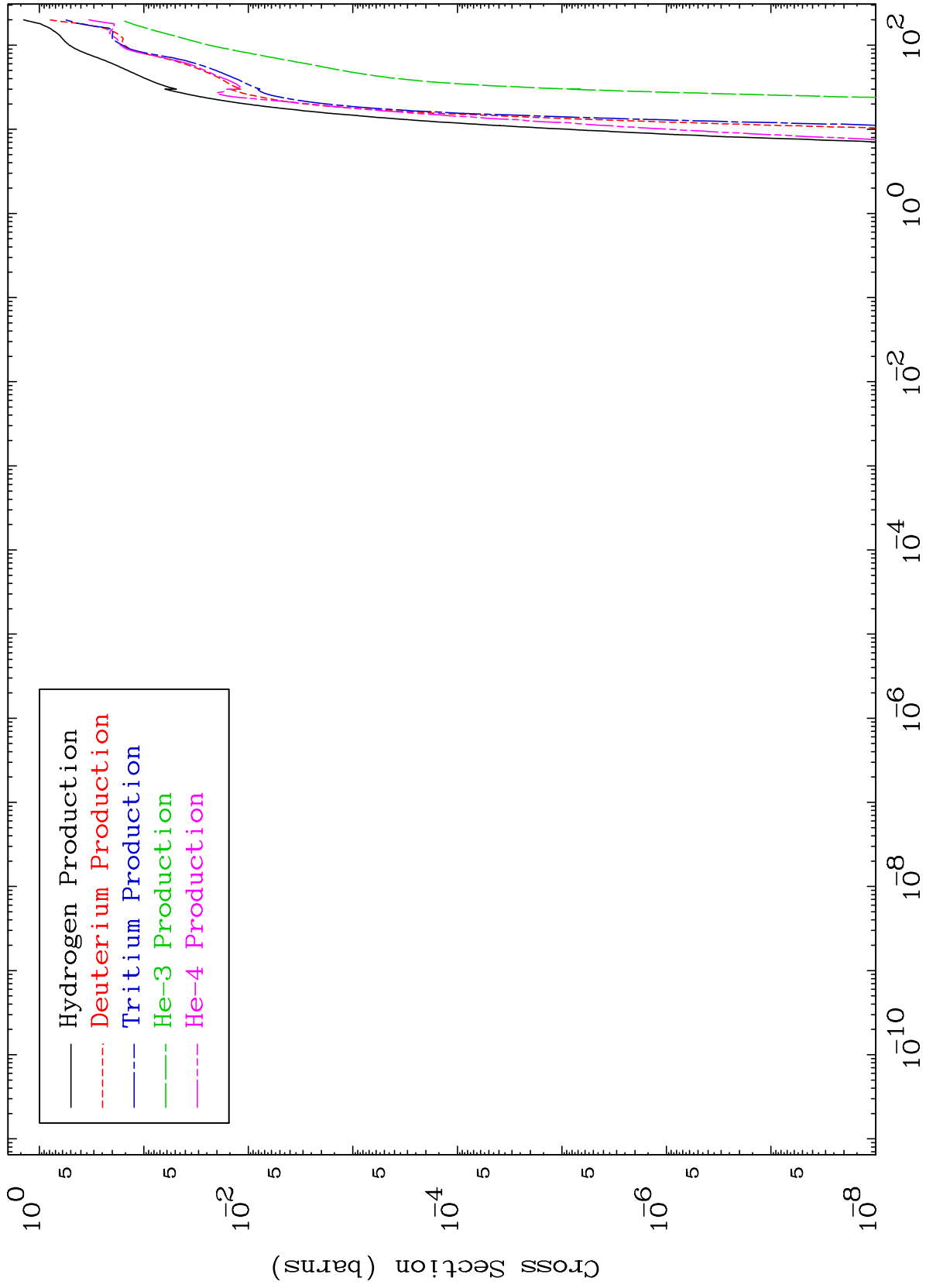
5

91-Pa-237

MAT 9149

Particle Production
293 Kelvin Cross Sections

91-Pa-237



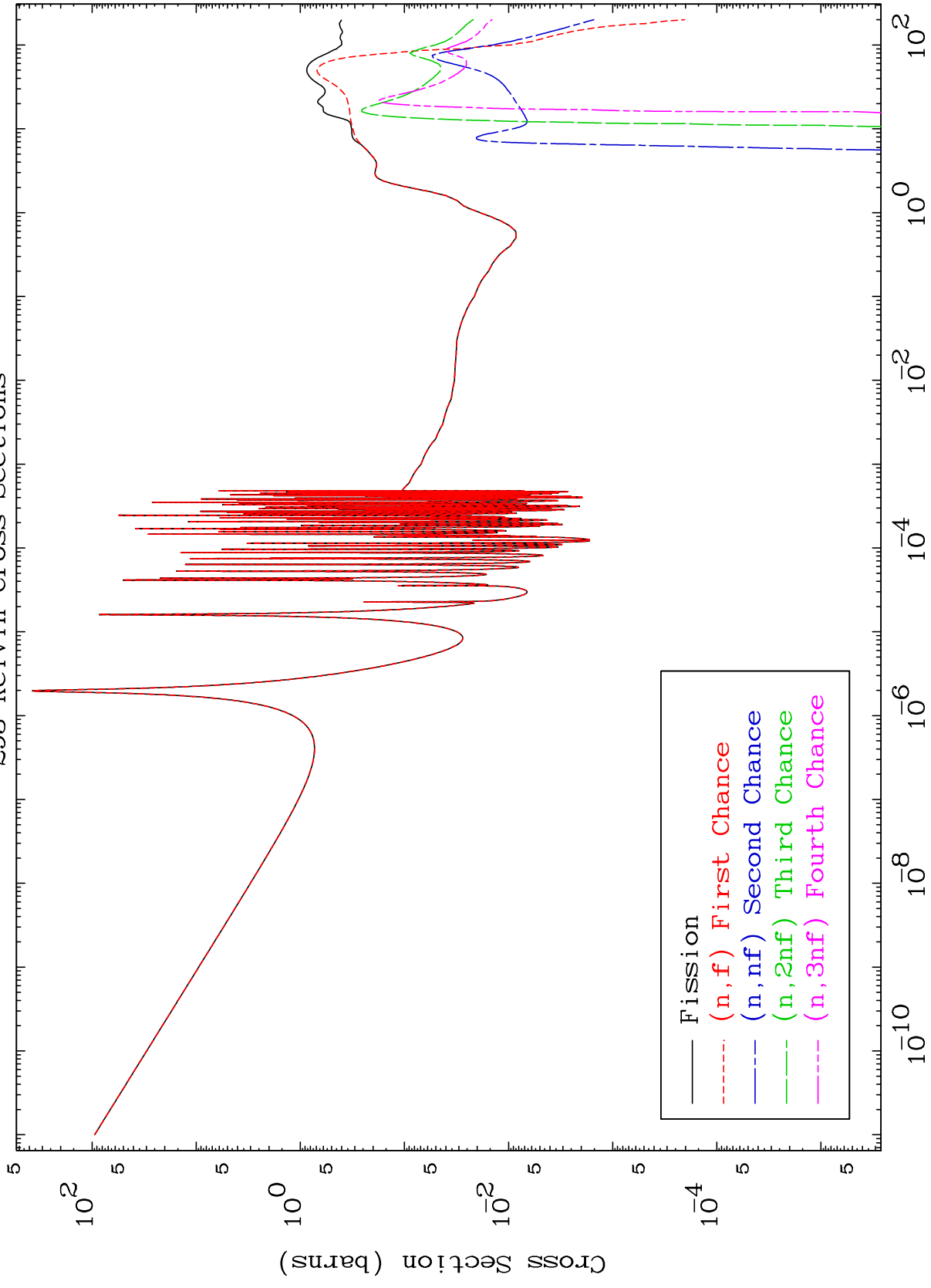
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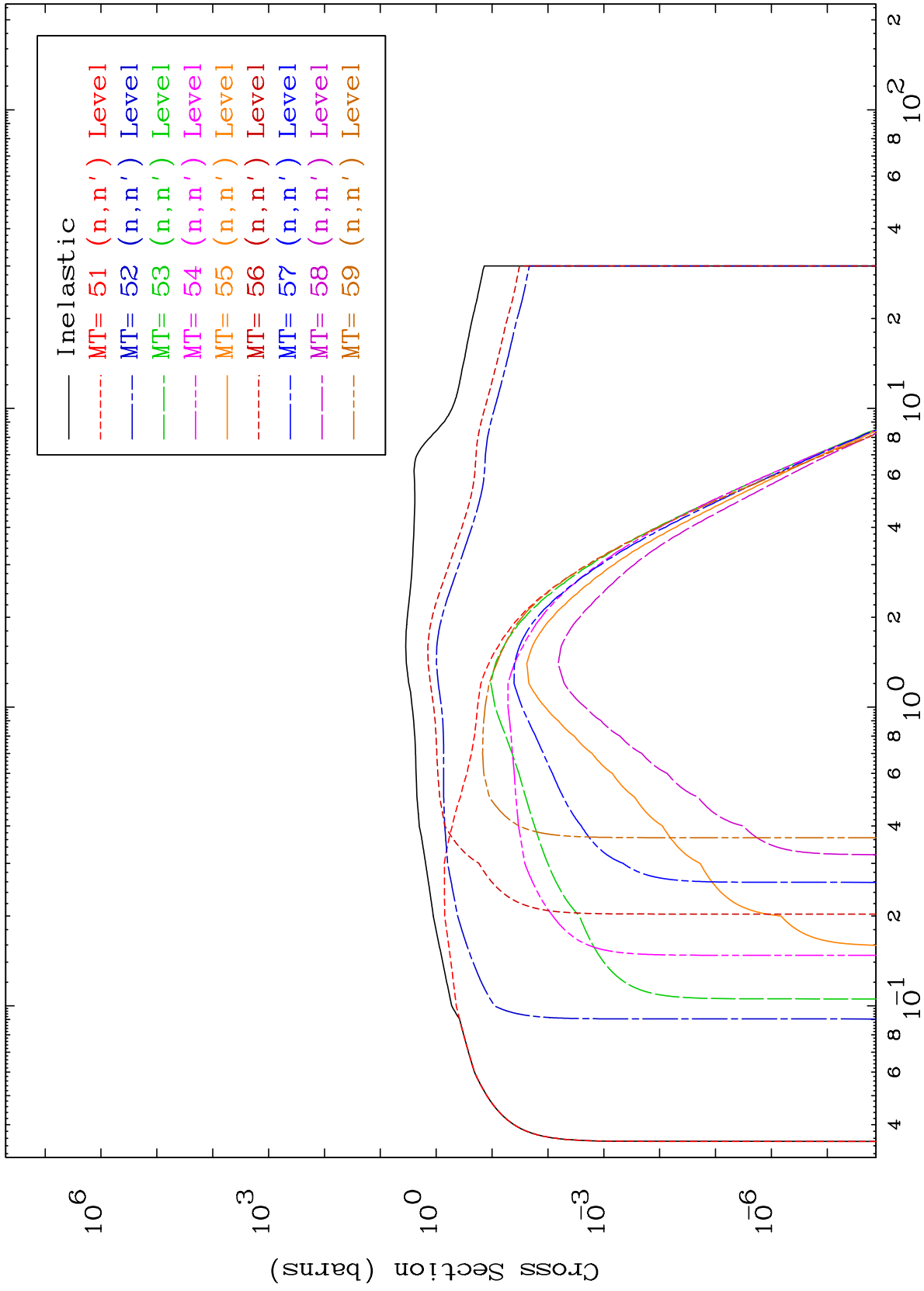
91-Pa-237

MAT 9149

Fission
293 Kelvin Cross Sections

91-Pa-237



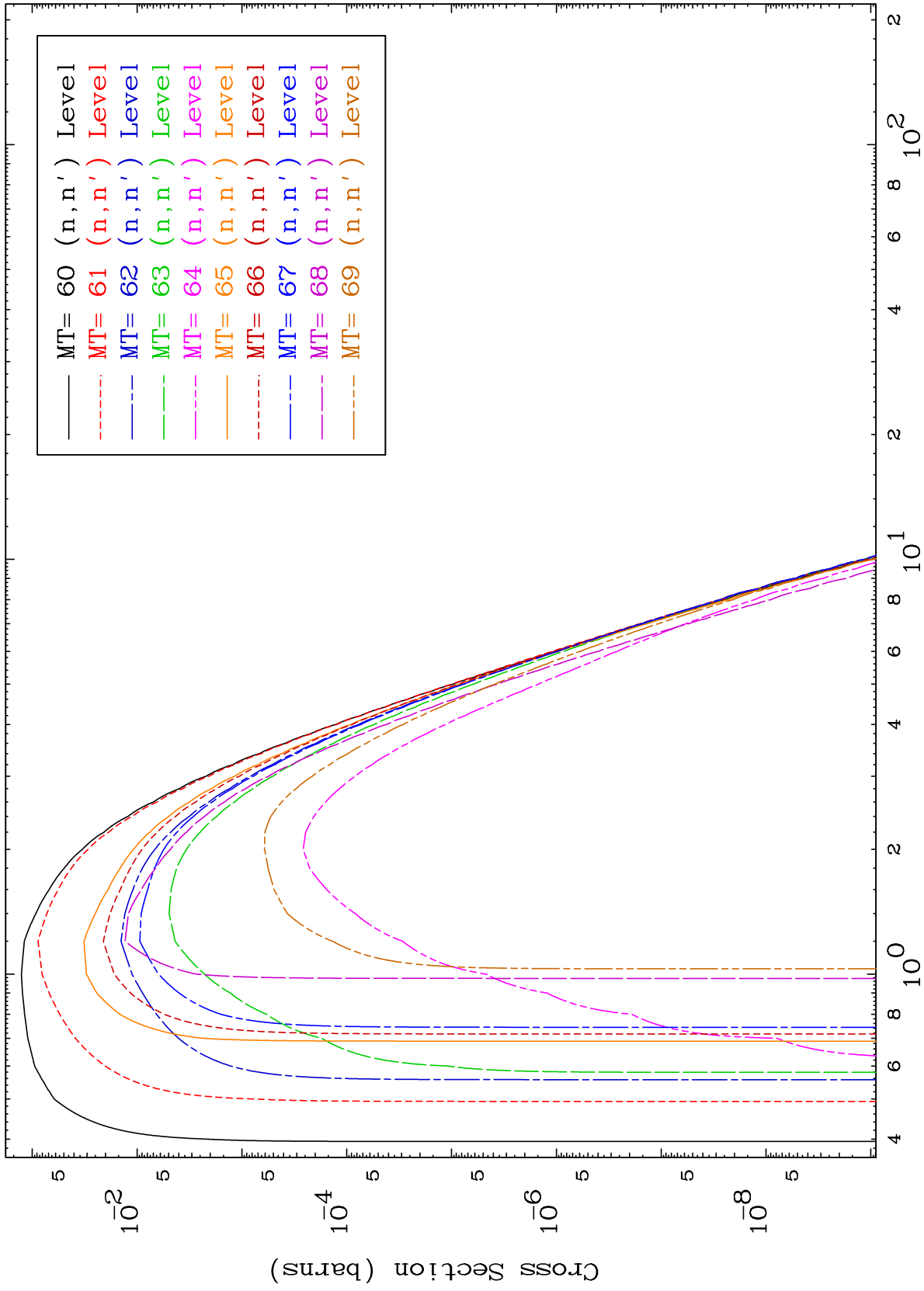


MAT 9149

(n,n') Level

91-Pa-237

293 Kelvin Cross Sections



9

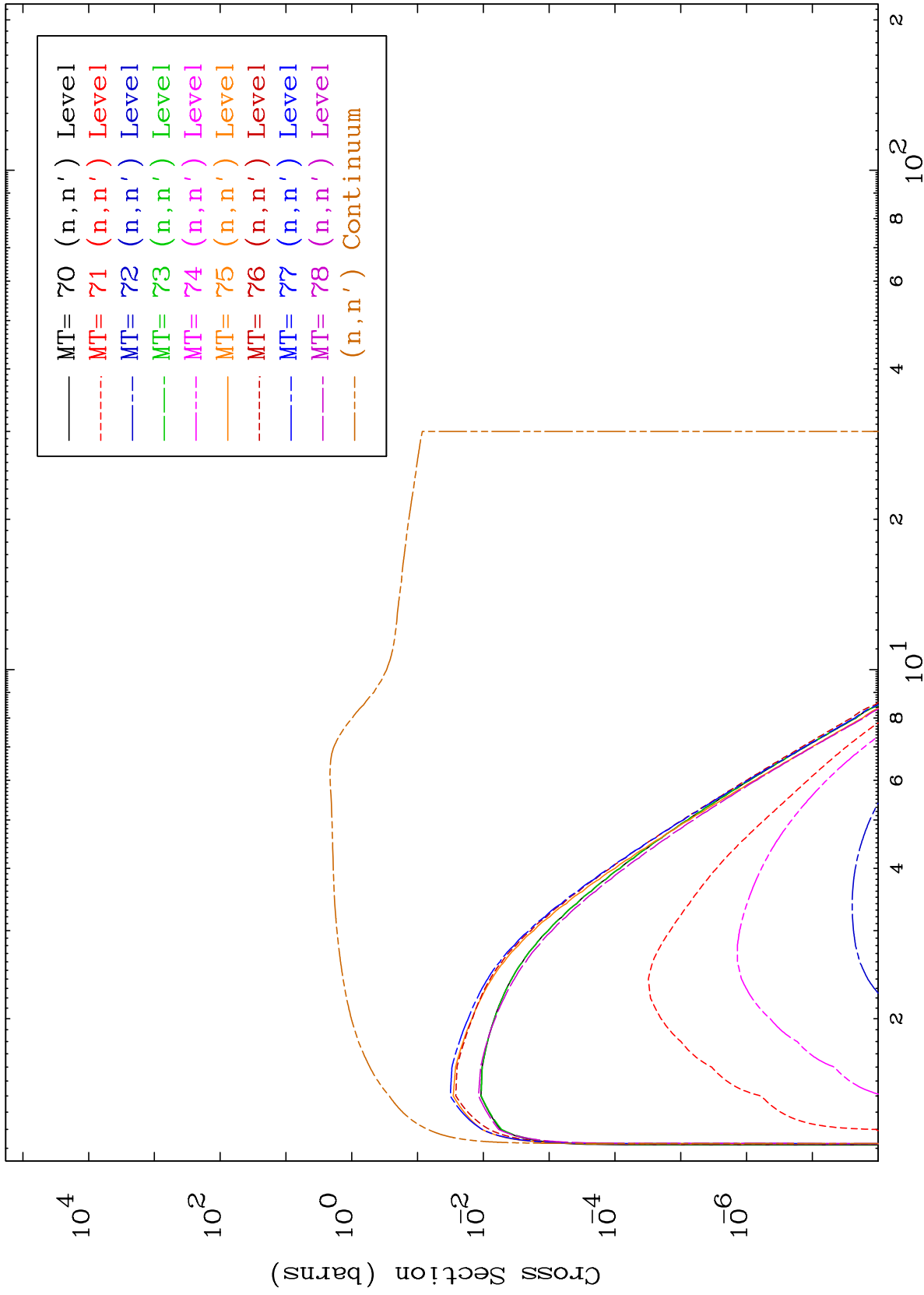
Incident Energy (MeV)

91-Pa-237

MAT 9149

(n,n') Level
293 Kelvin Cross Sections

91-Pa-237



10

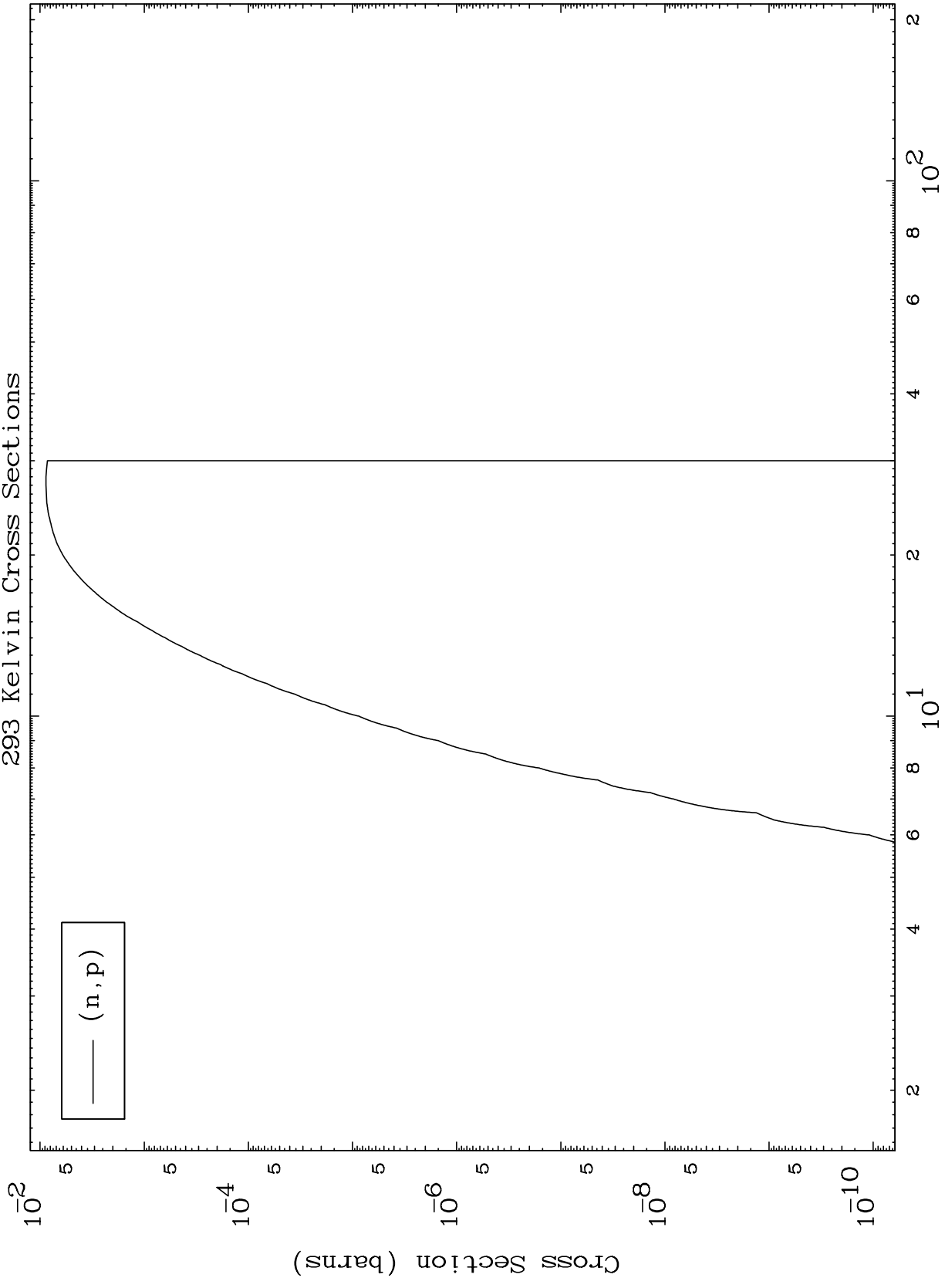
Incident Energy (MeV)

91-Pa-237

MAT 9149

(n,p) Levels
293 Kelvin Cross Sections

91-Pa-237



11

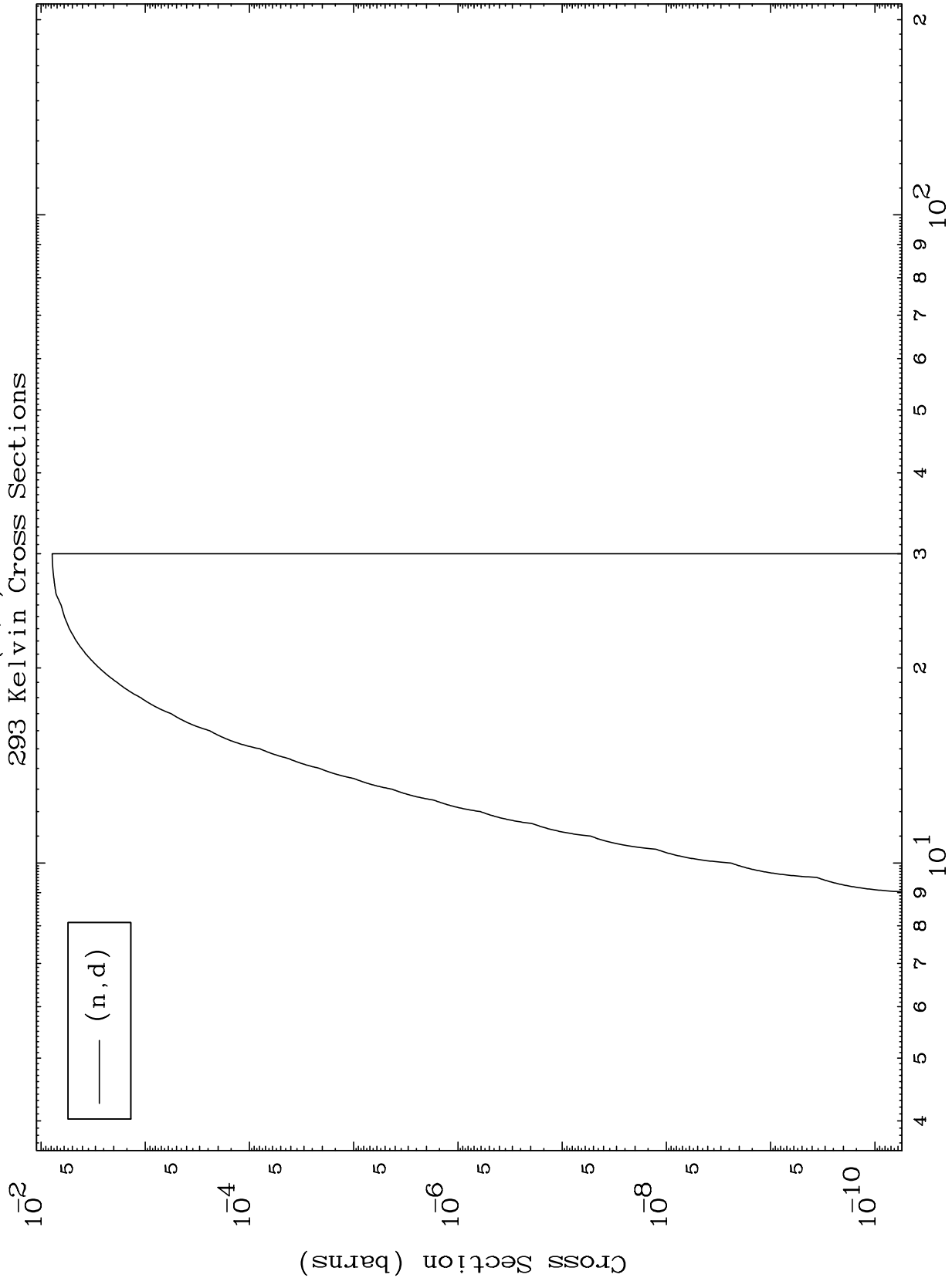
Incident Energy (MeV)

91-Pa-237

MAT 9149

(n,d) Levels
293 Kelvin Cross Sections

91-Pa-237



12

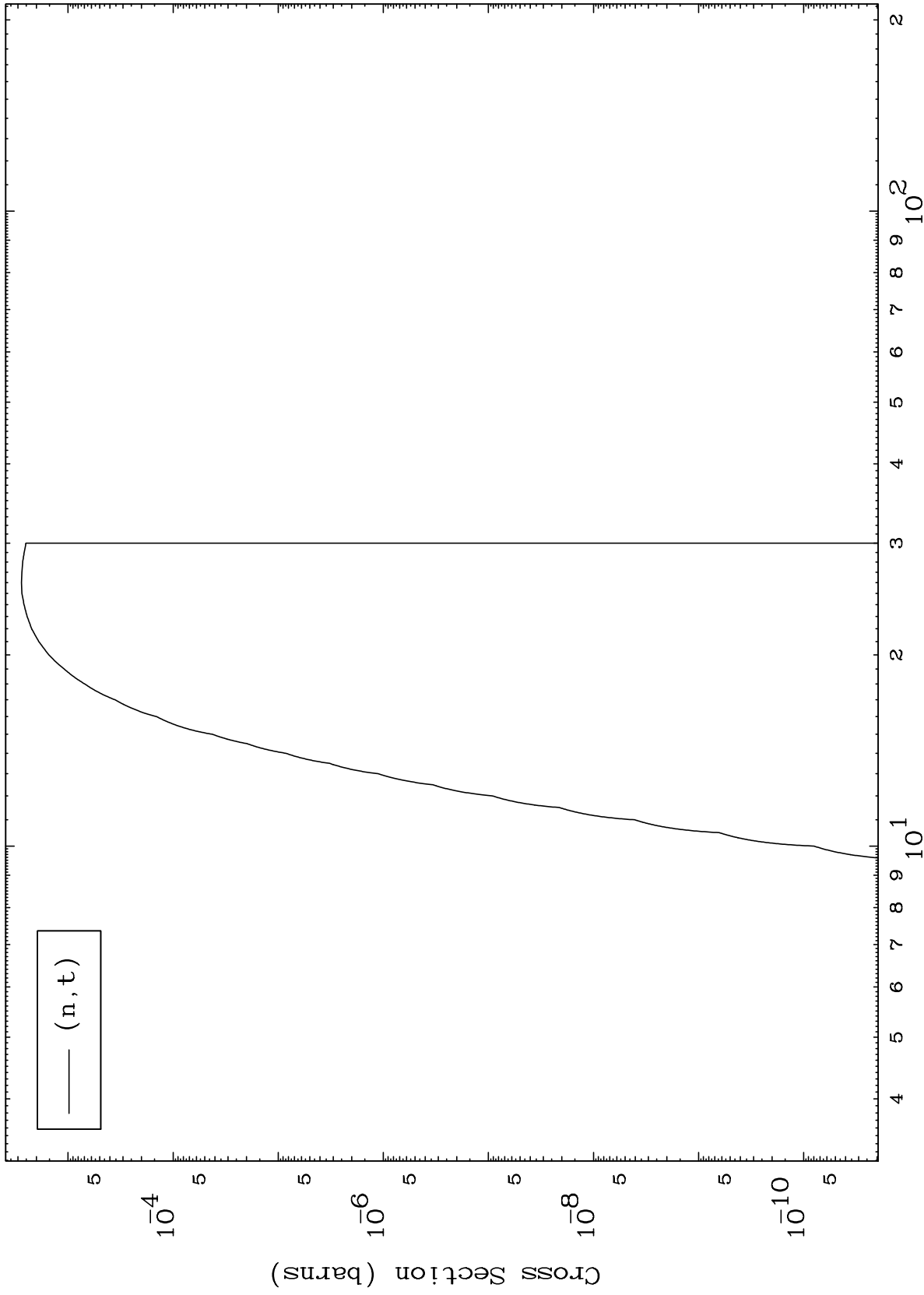
Incident Energy (MeV)

91-Pa-237

MAT 9149

(n,t) Levels
293 Kelvin Cross Sections

91-Pa-237



13

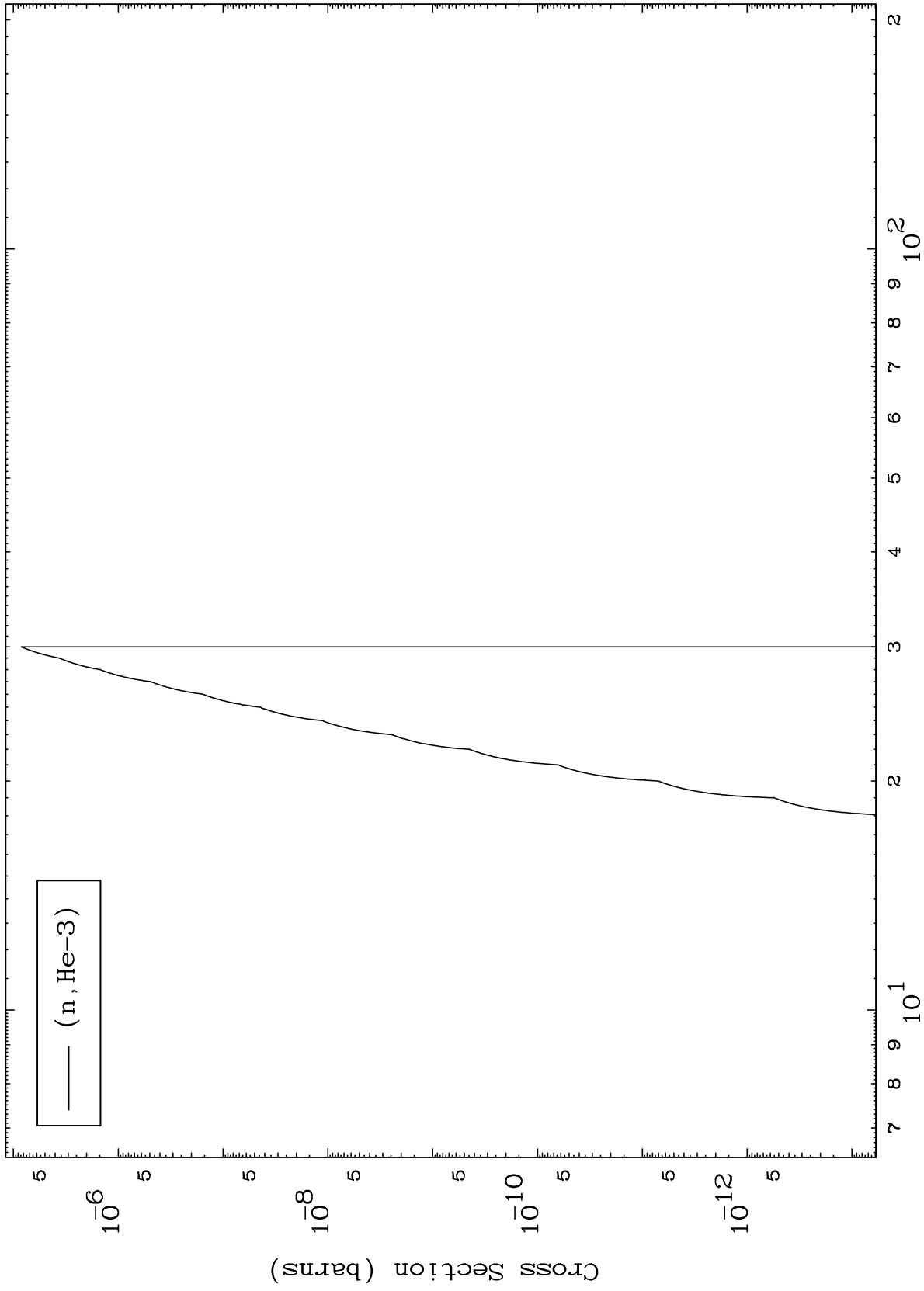
Incident Energy (MeV)

91-Pa-237

MAT 9149

(n,He3) Levels
293 Kelvin Cross Sections

91-Pa-237



14

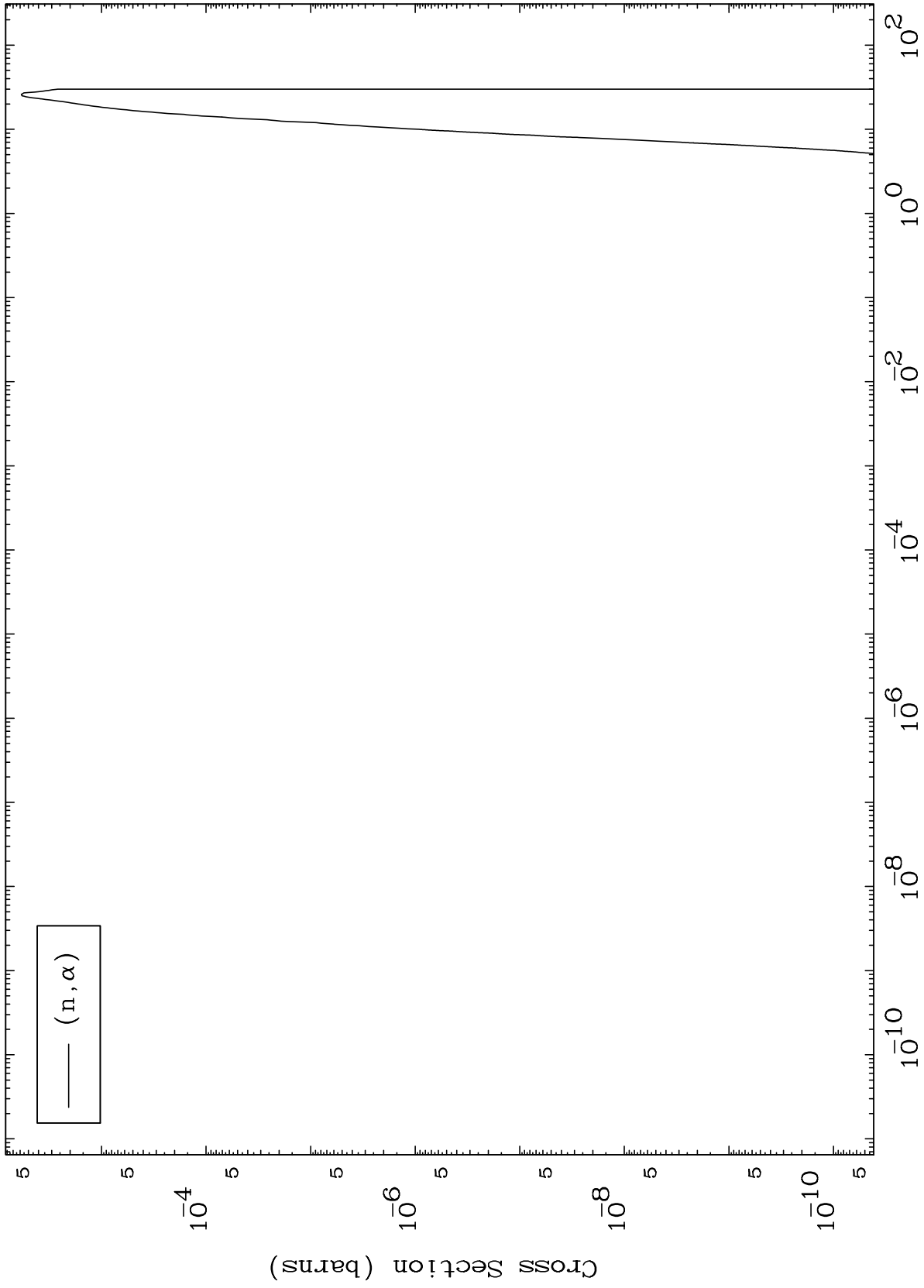
Incident Energy (MeV)

91-Pa-237

MAT 9149

(n,α) Levels
293 Kelvin Cross Sections

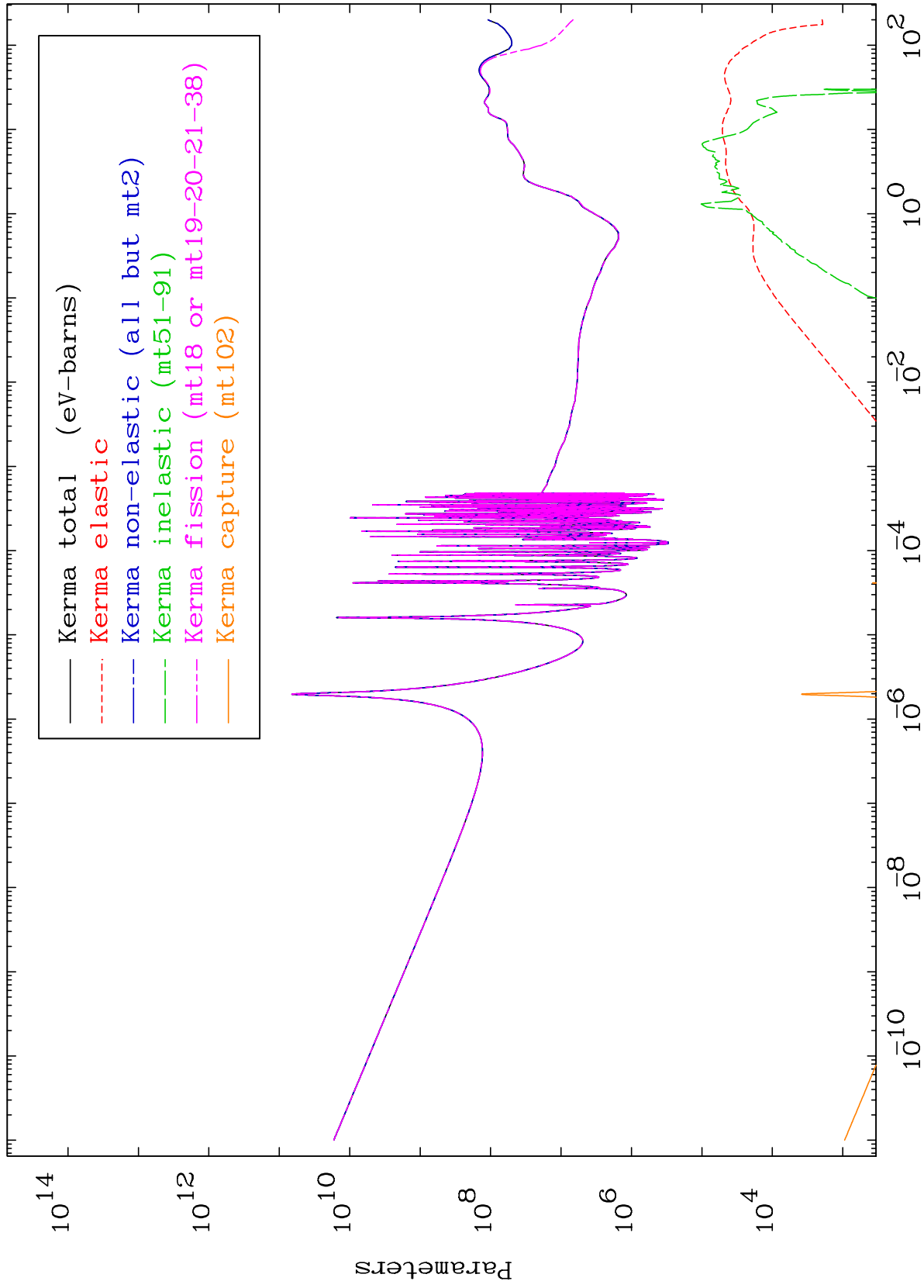
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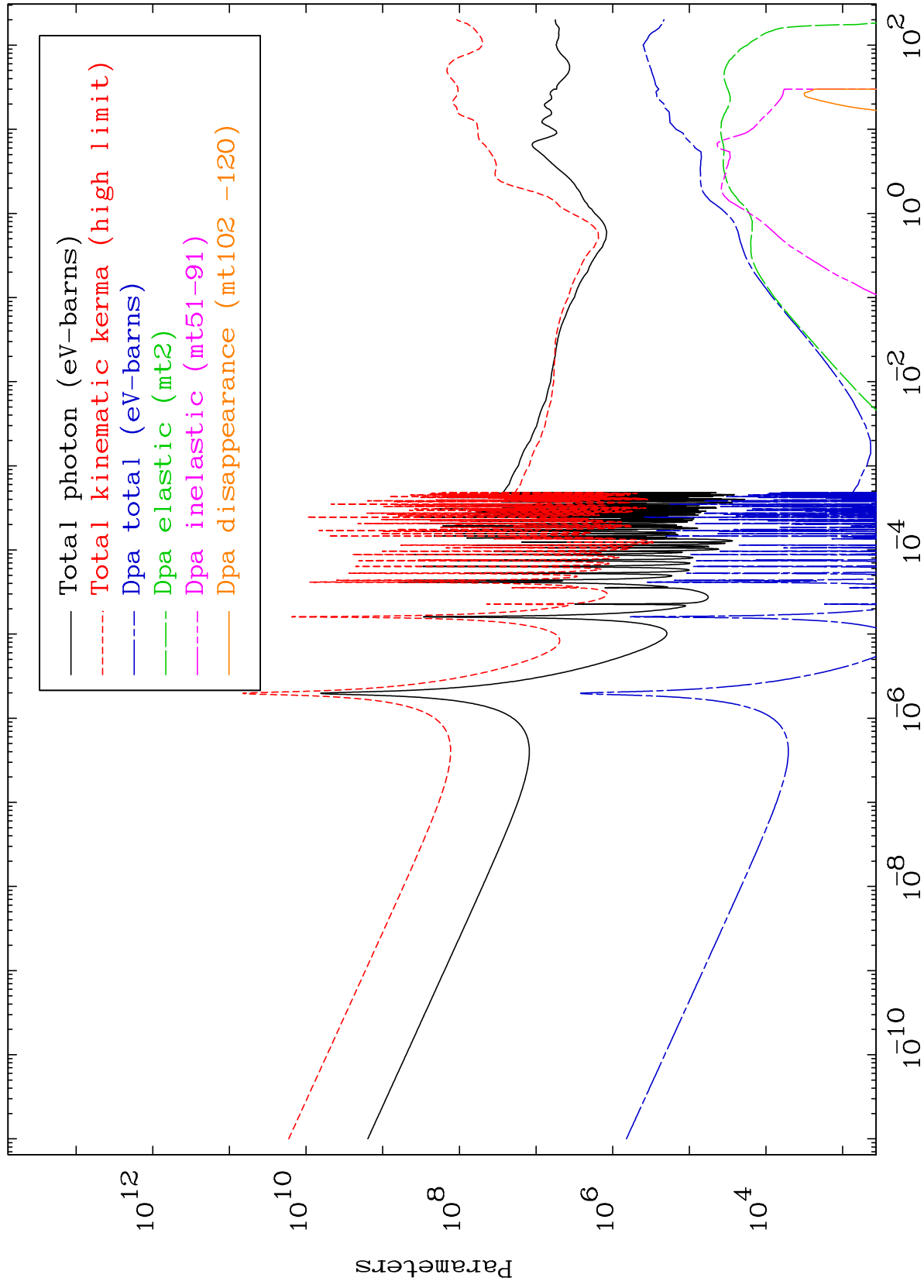


15

Incident Energy (MeV)

91-Pa-237

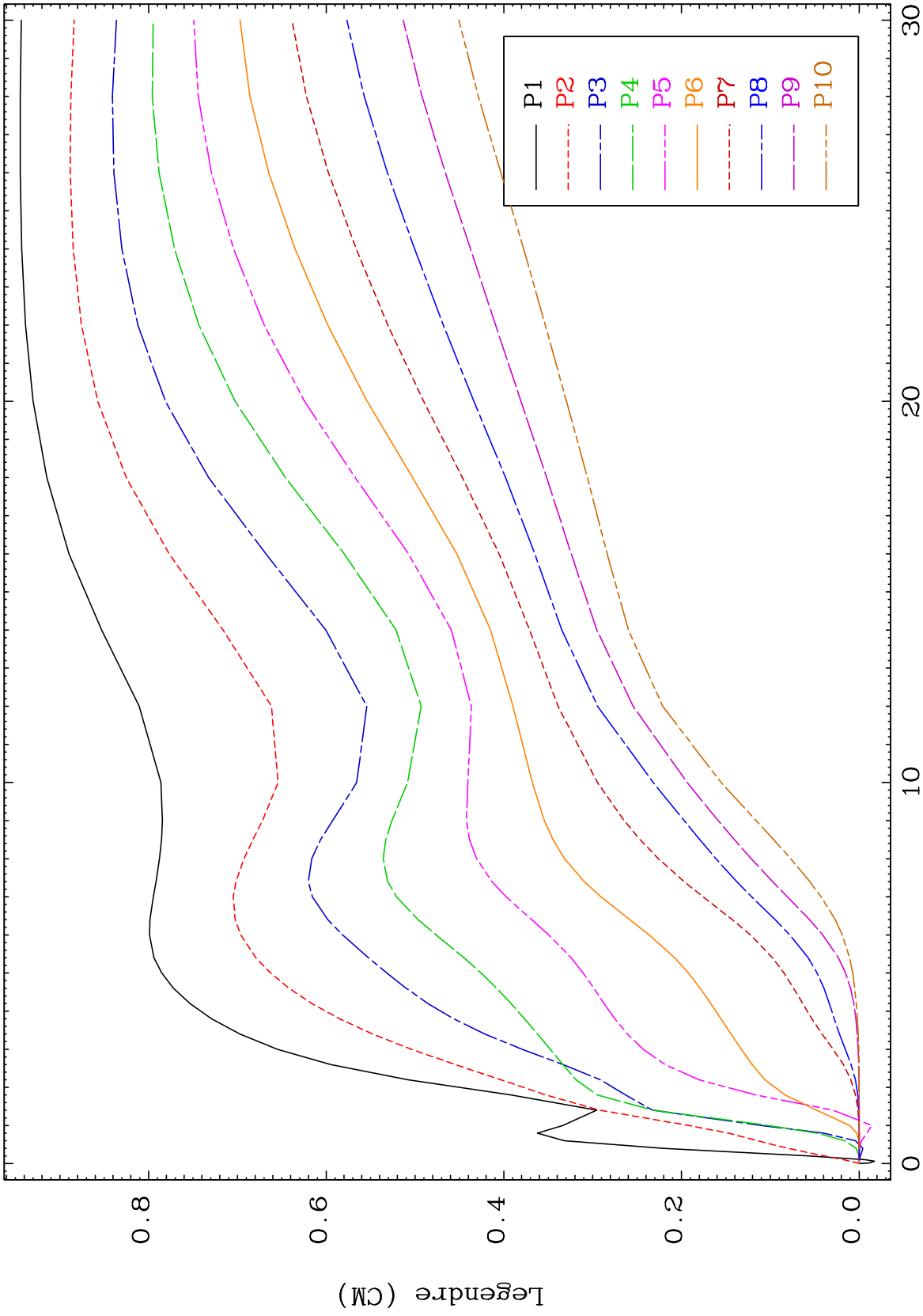




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Elastic Legendre Coefficients

91-Pa-237



18

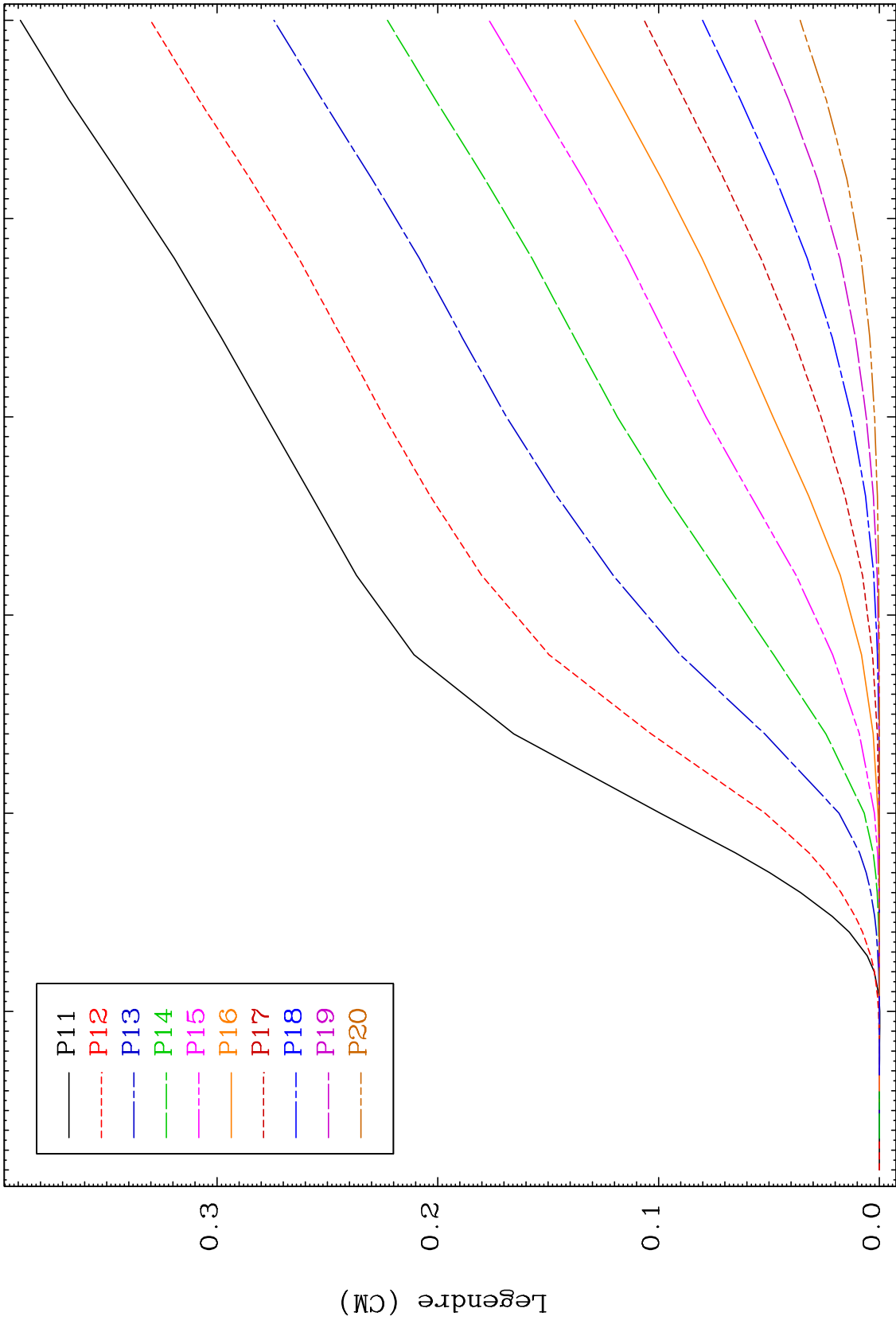
Incident Energy (MeV)

91-Pa-237

MAT 9149

Elastic Legendre Coefficients

91-Pa-237



19

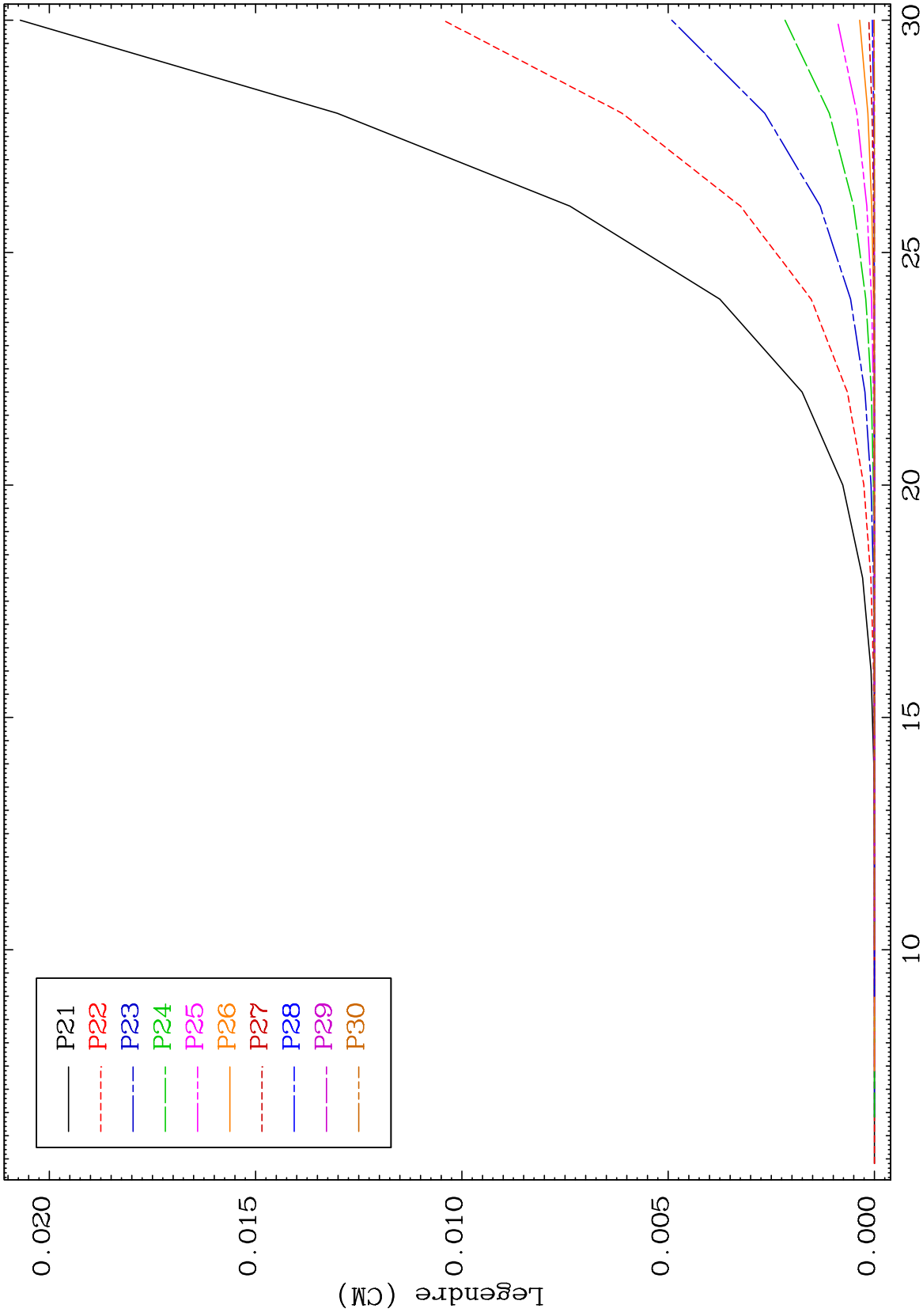
Incident Energy (MeV)

91-Pa-237

MAT 9149

Elastic Legendre Coefficients

⁹¹Pa-237



20

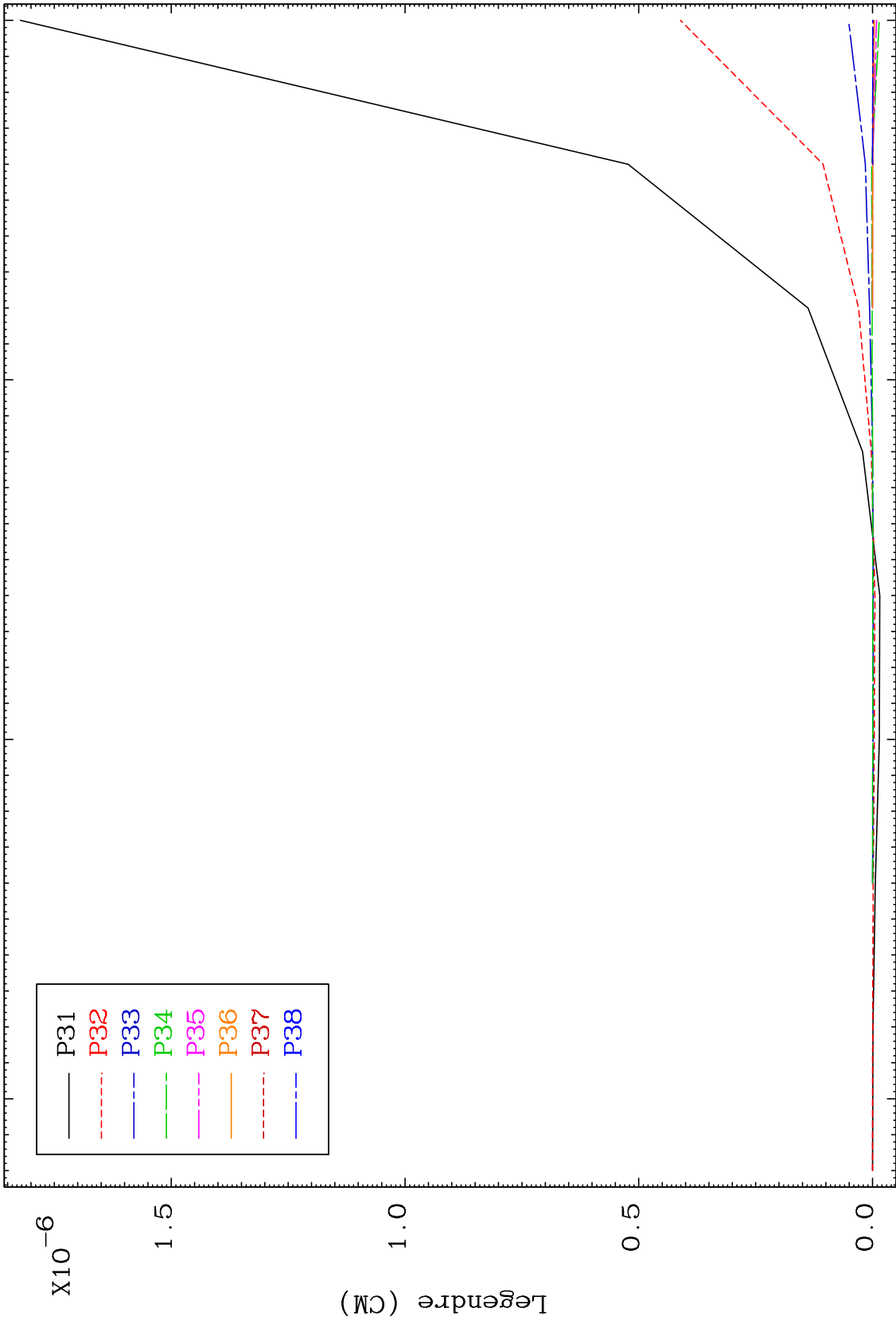
Incident Energy (MeV)

⁹¹Pa-237

MAT 9149

Elastic Legendre Coefficients

91-Pa-237



21

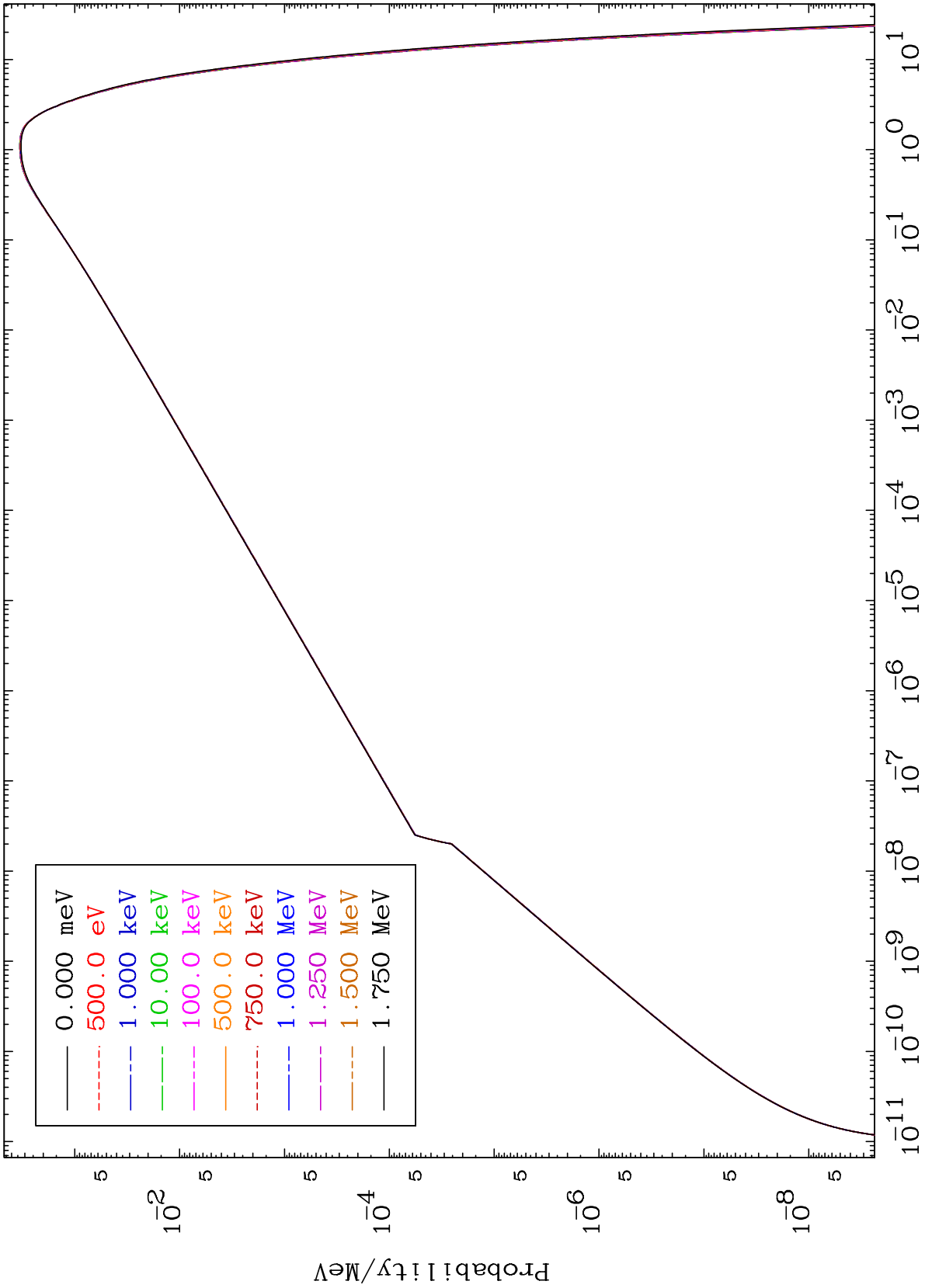
Incident Energy (MeV)

91-Pa-237

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Fission Energy Distribution

91-Pa-237



- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

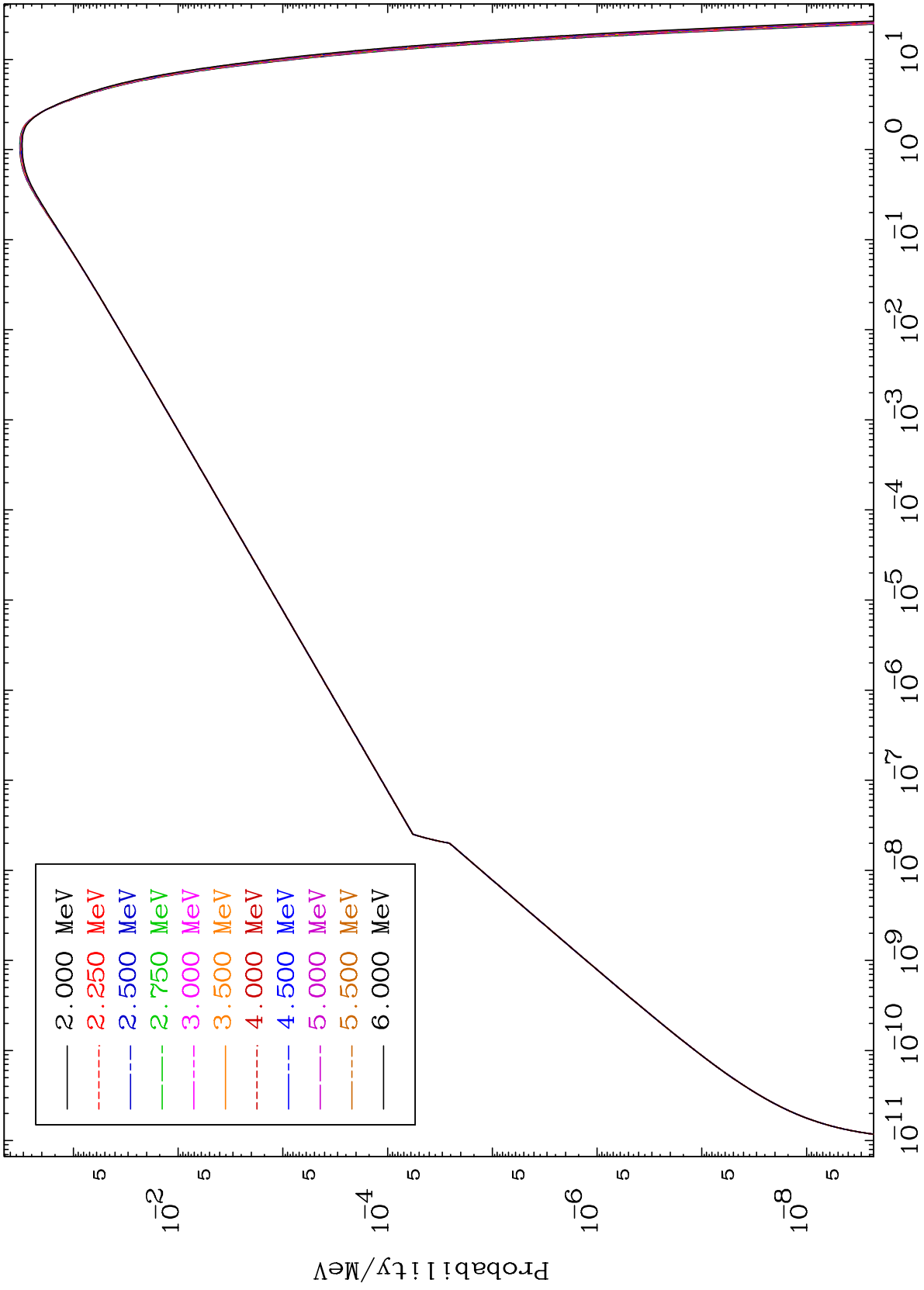
91-Pa-237

Secondary Energy (MeV)

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Fission Energy Distribution

91-Pa-237



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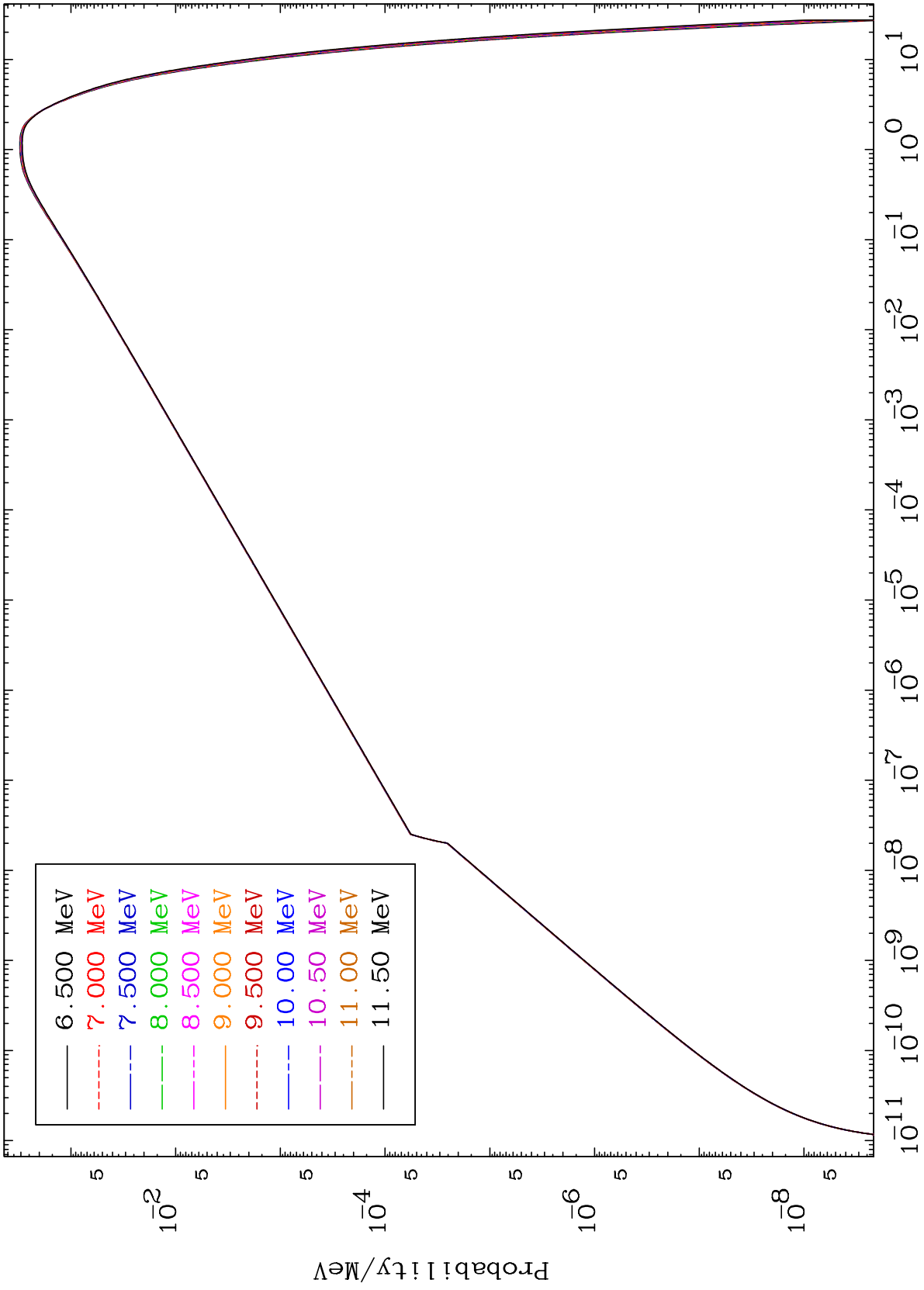
Secondary Energy (MeV)

91-Pa-237

MAT 9149

Fission Energy Distribution

91-Pa-237



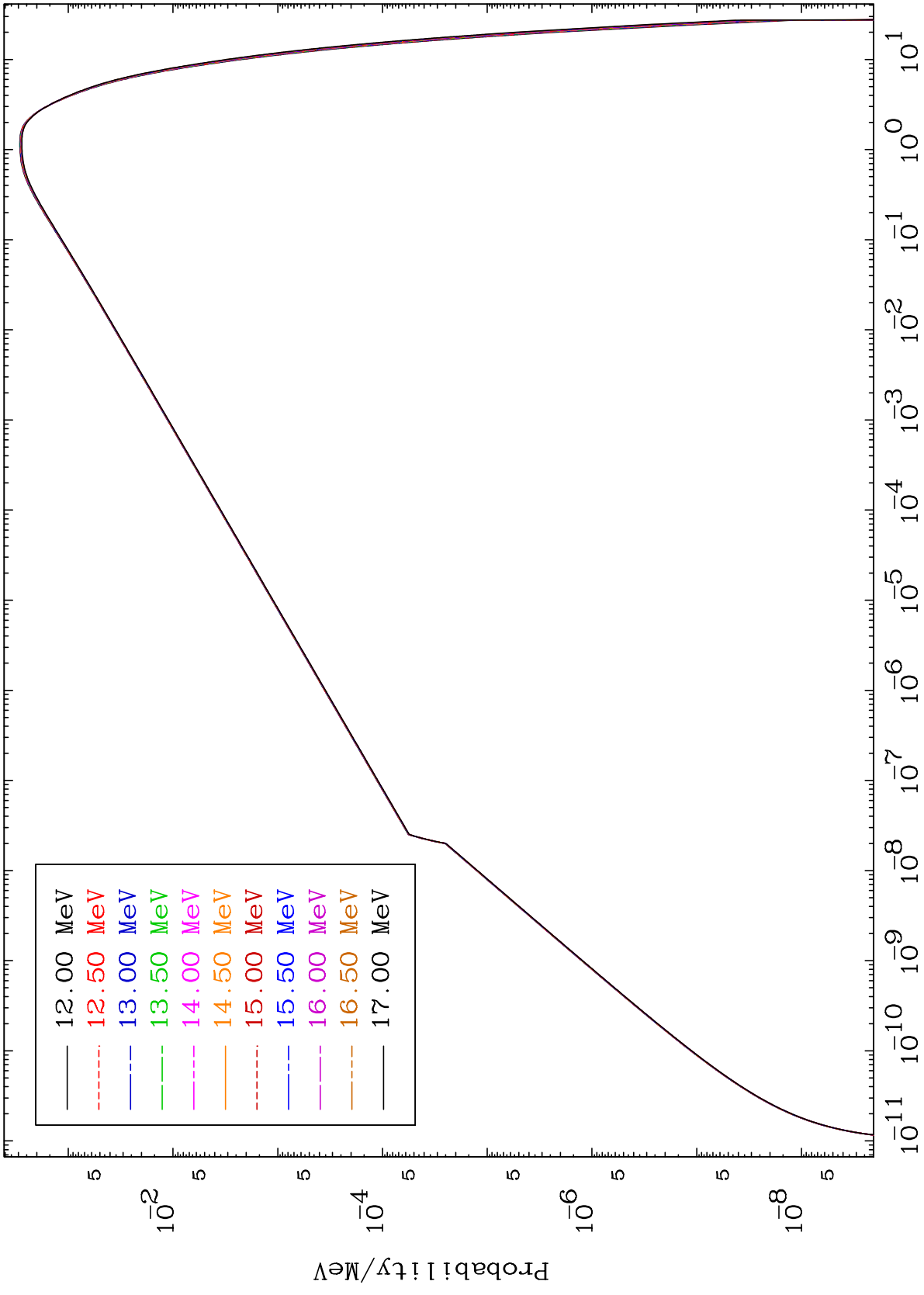
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Secondary Energy (MeV)

MAT 9149

Fission Energy Distribution

91-Pa-237



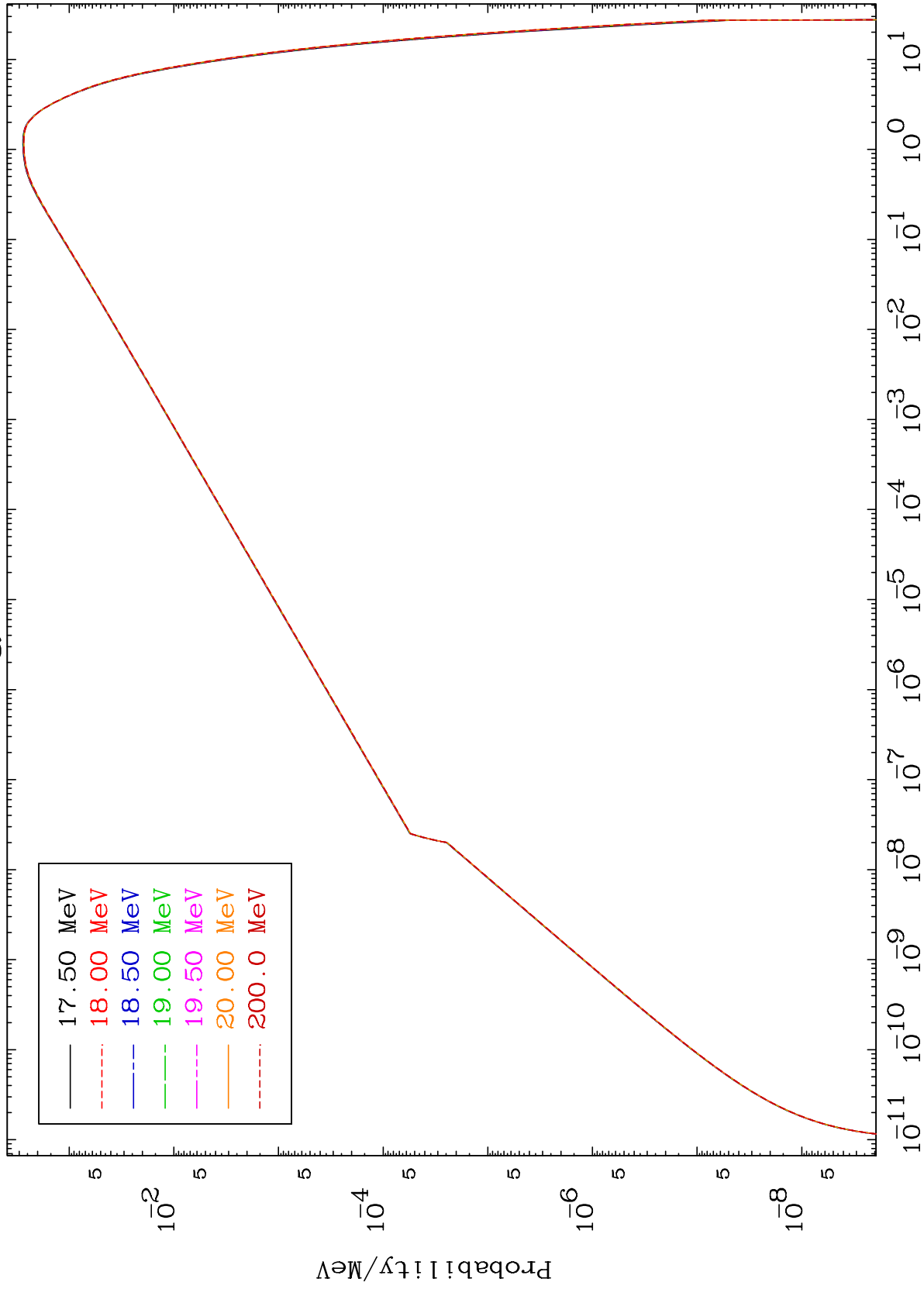
91-Pa-237

Secondary Energy (MeV)

MAT 9149

Fission Energy Distribution

91-Pa-237

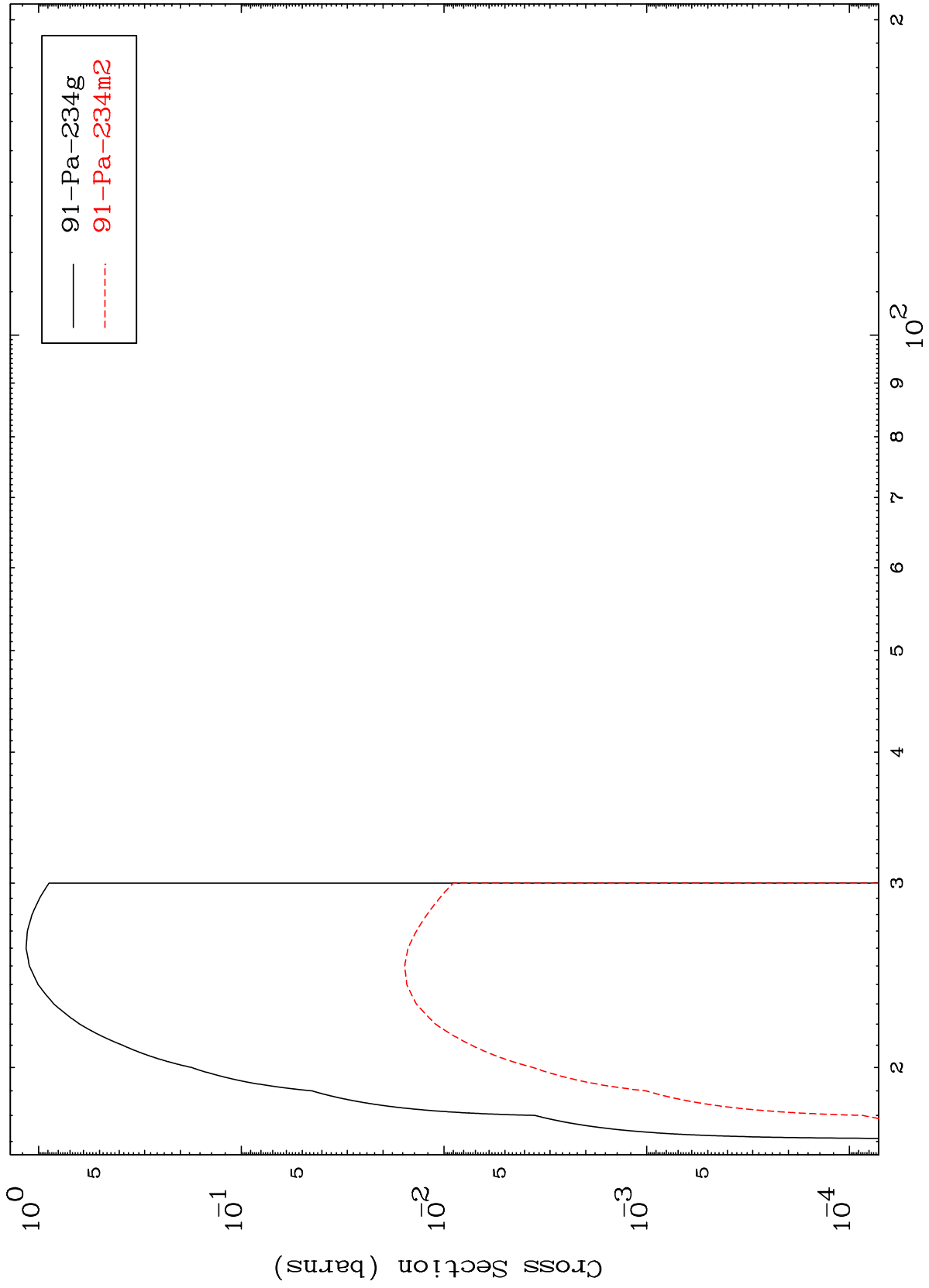


—	17.50	MeV
- - -	18.00	MeV
- · - · -	18.50	MeV
- - -	19.00	MeV
- · - · -	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

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91-Pa-237

(n,4n)
Radionuclide Production Cross Section



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