

Program EVALPLOT
(Version 2021-1)

by

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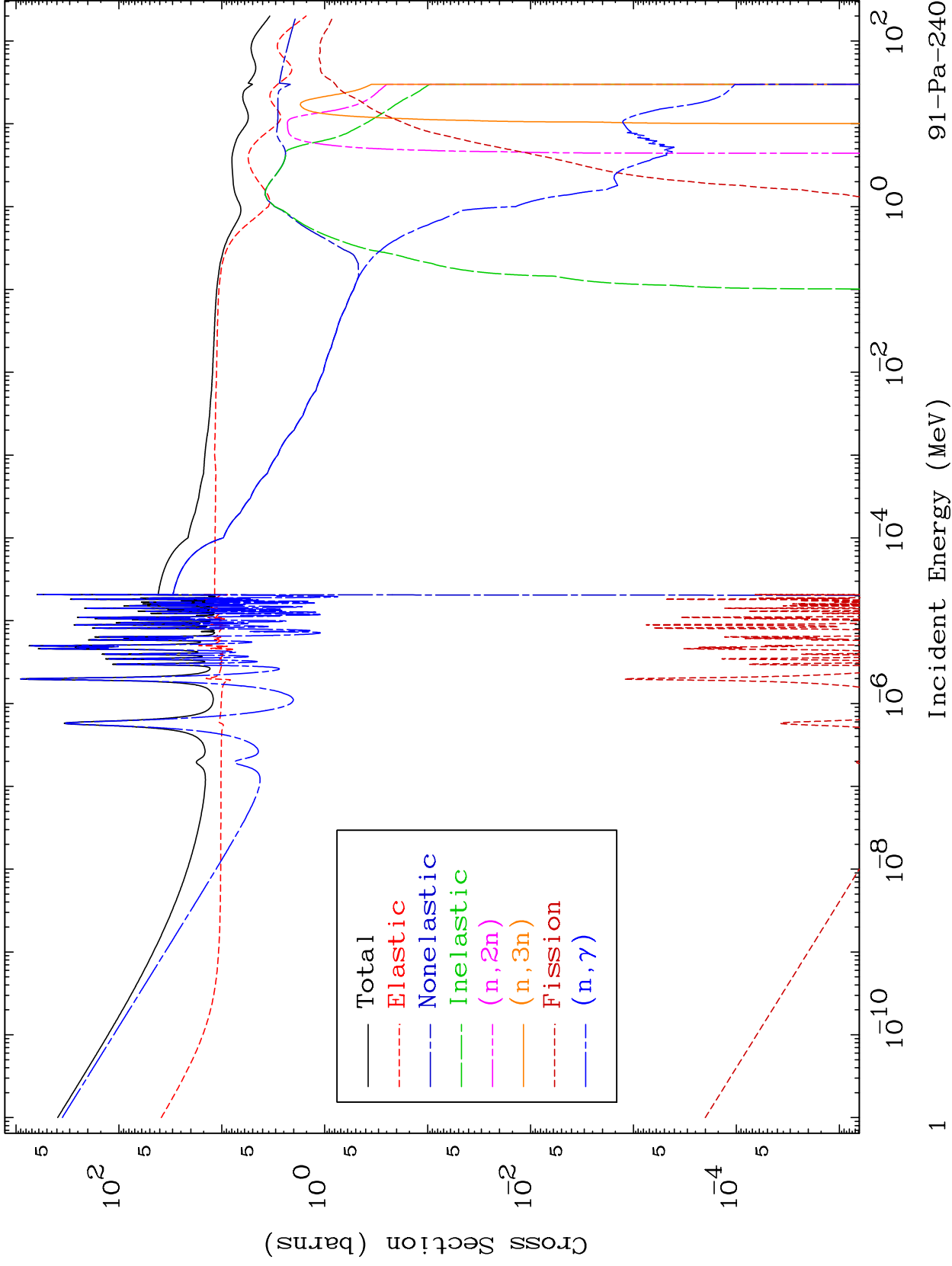
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9158

Neutron Major
293 Kelvin Cross Sections

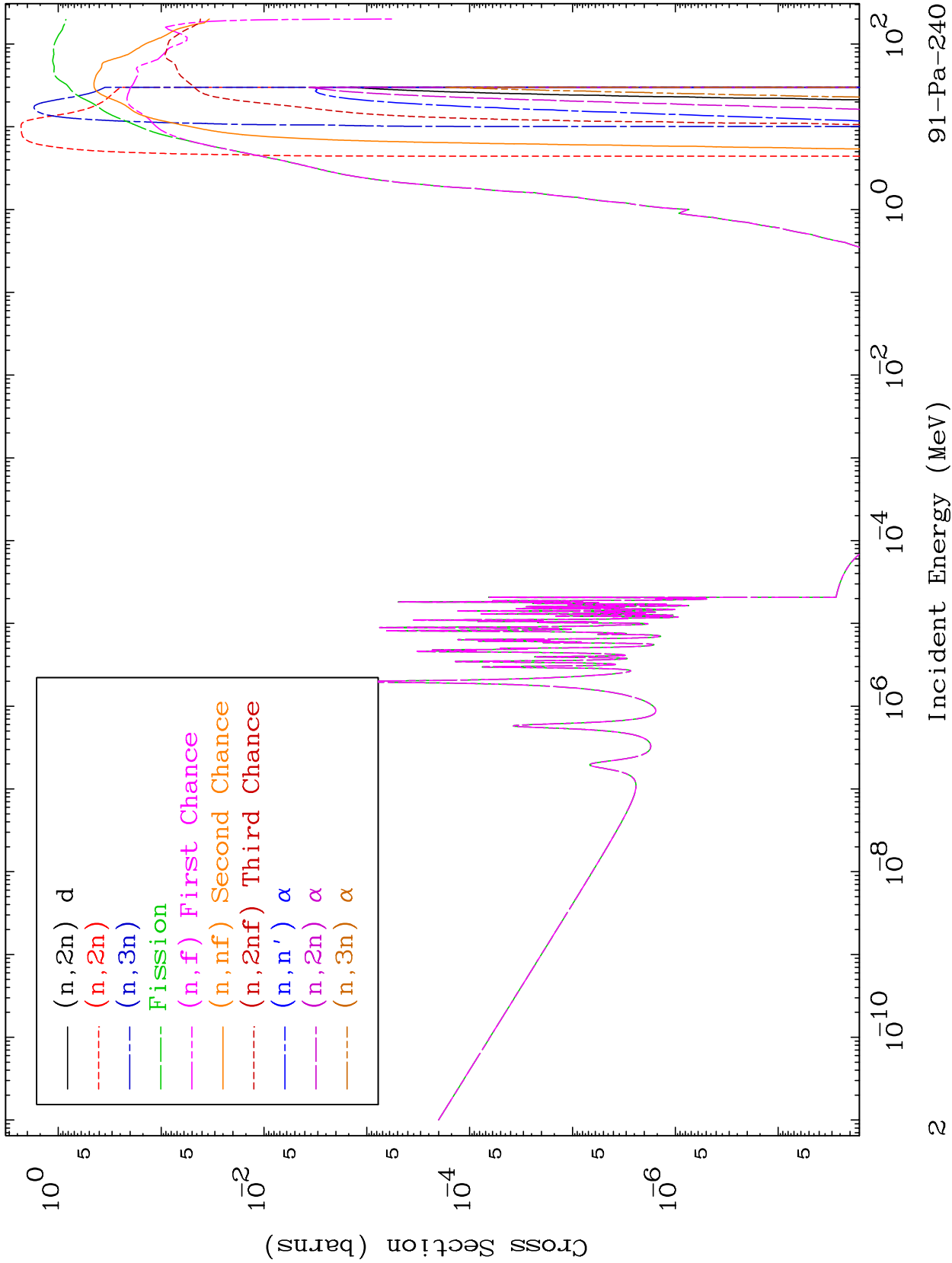
91-Pa-240



MAT 9158

Neutron Absorption
293 Kelvin Cross Sections

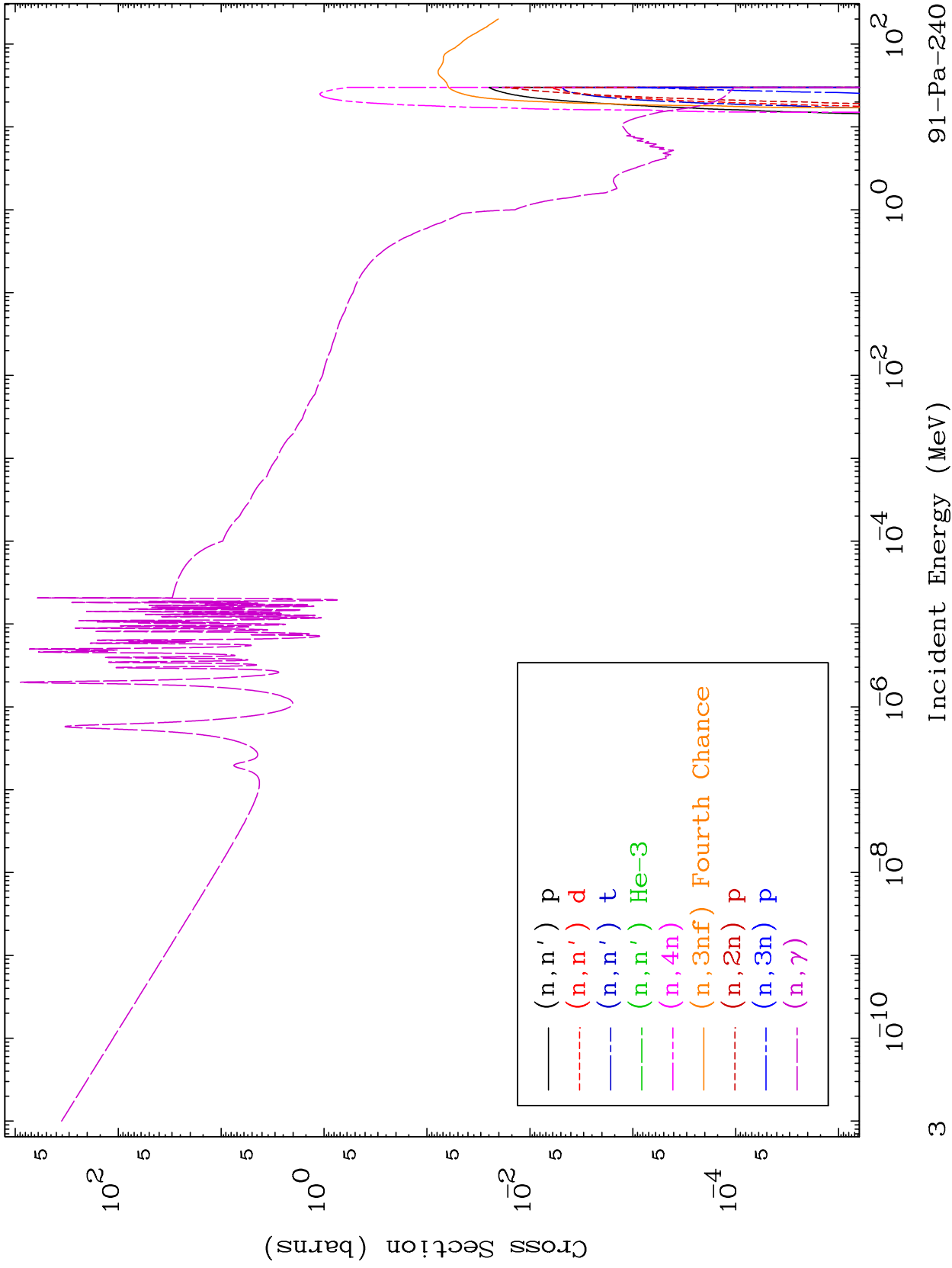
91-Pa-240



MAT 9158

Neutron Absorption
293 Kelvin Cross Sections

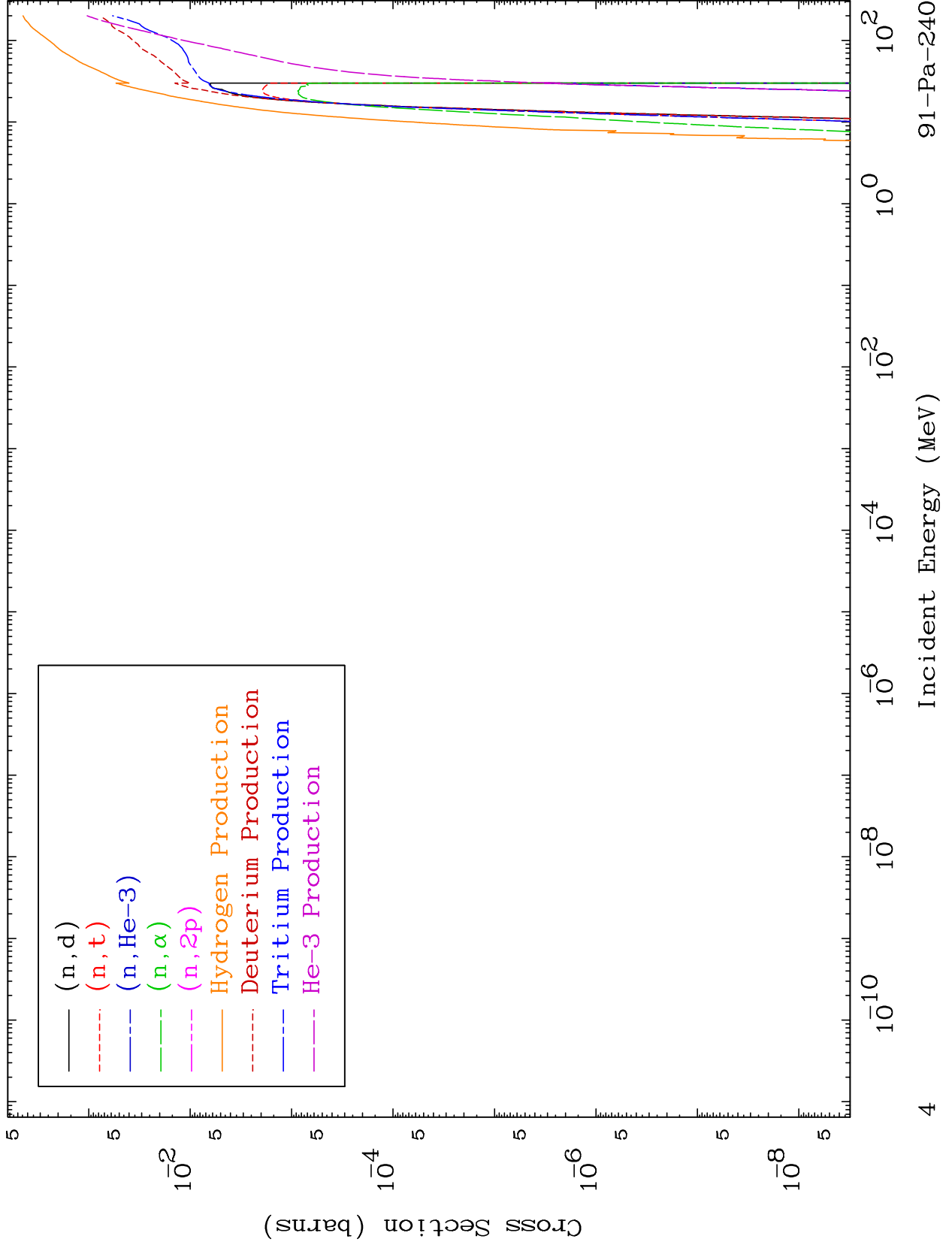
91-Pa-240



MAT 9158

Neutron Absorption
293 Kelvin Cross Sections

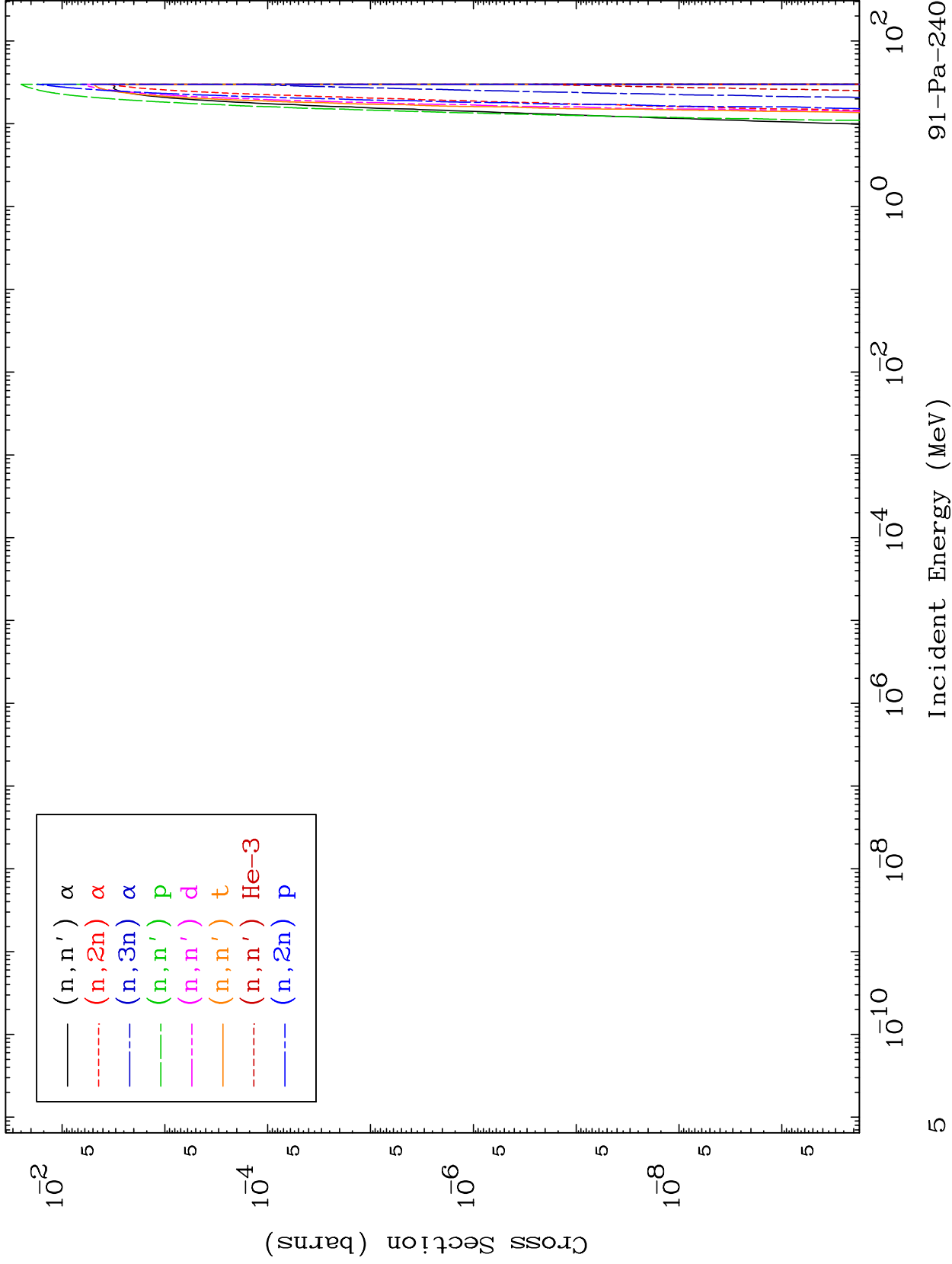
91-Pa-240



MAT 9158

Charged Particle
293 Kelvin Cross Sections

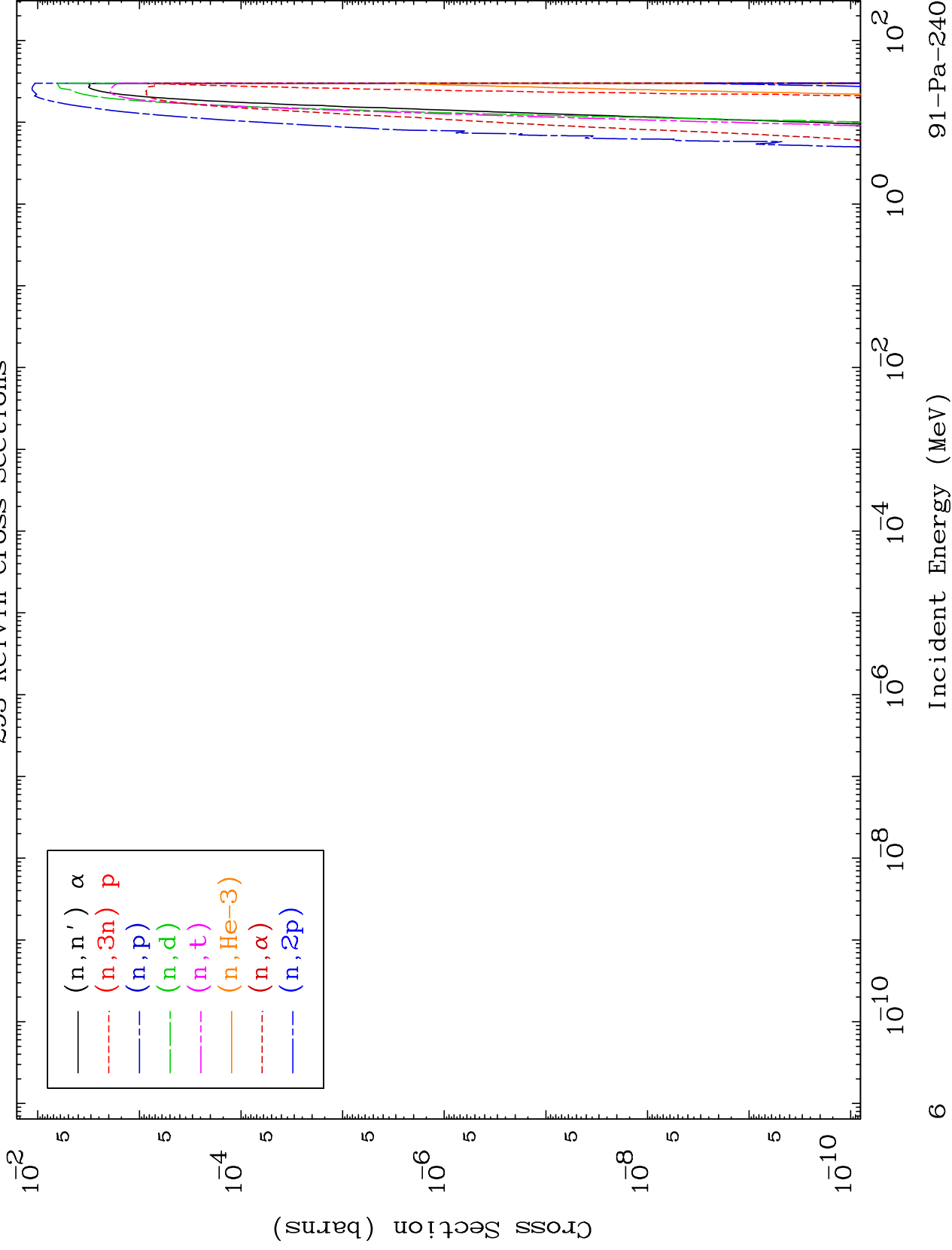
91-Pa-240



MAT 9158

Charged Particle
293 Kelvin Cross Sections

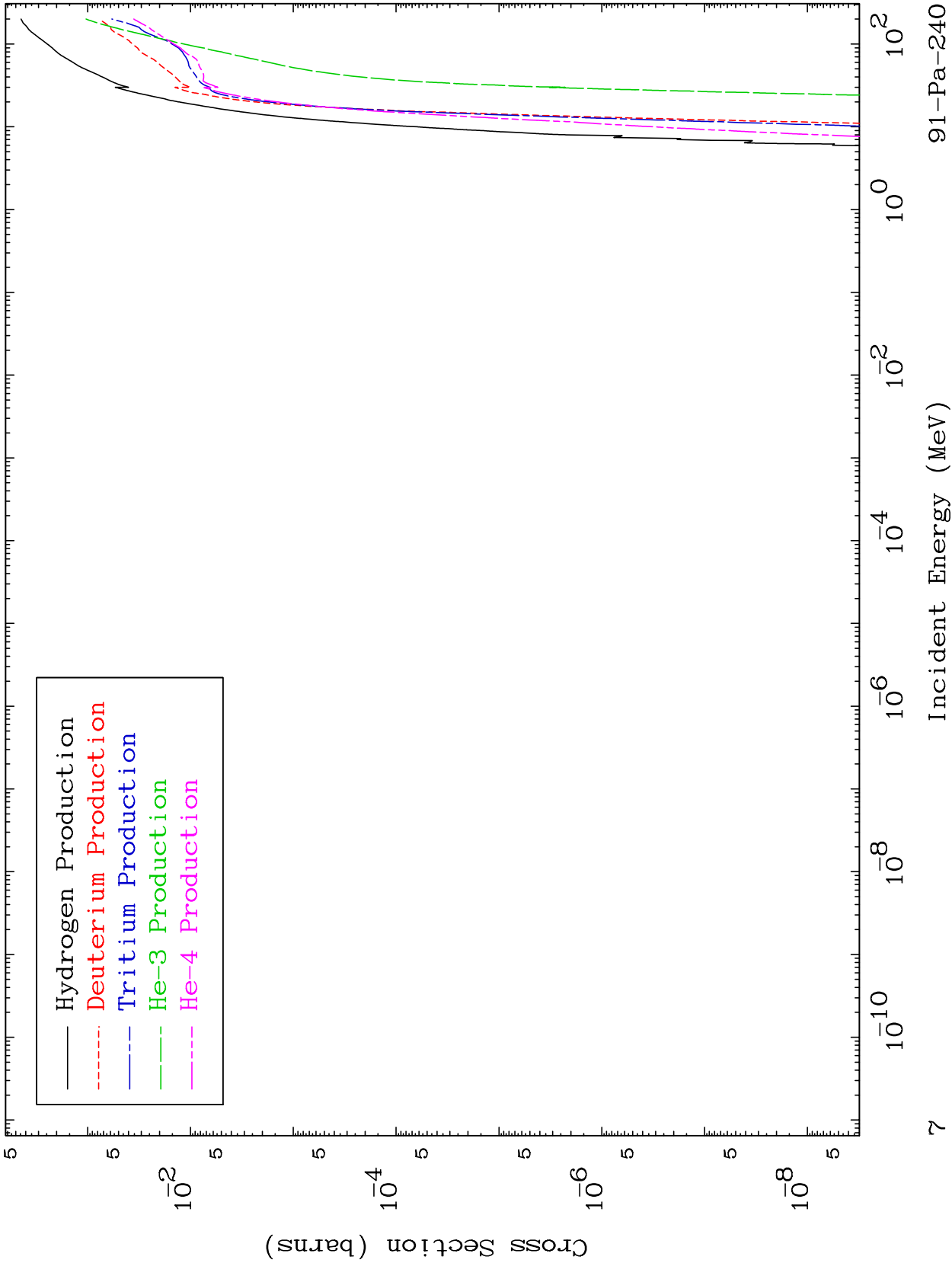
91-Pa-240



MAT 9158

Particle Production
293 Kelvin Cross Sections

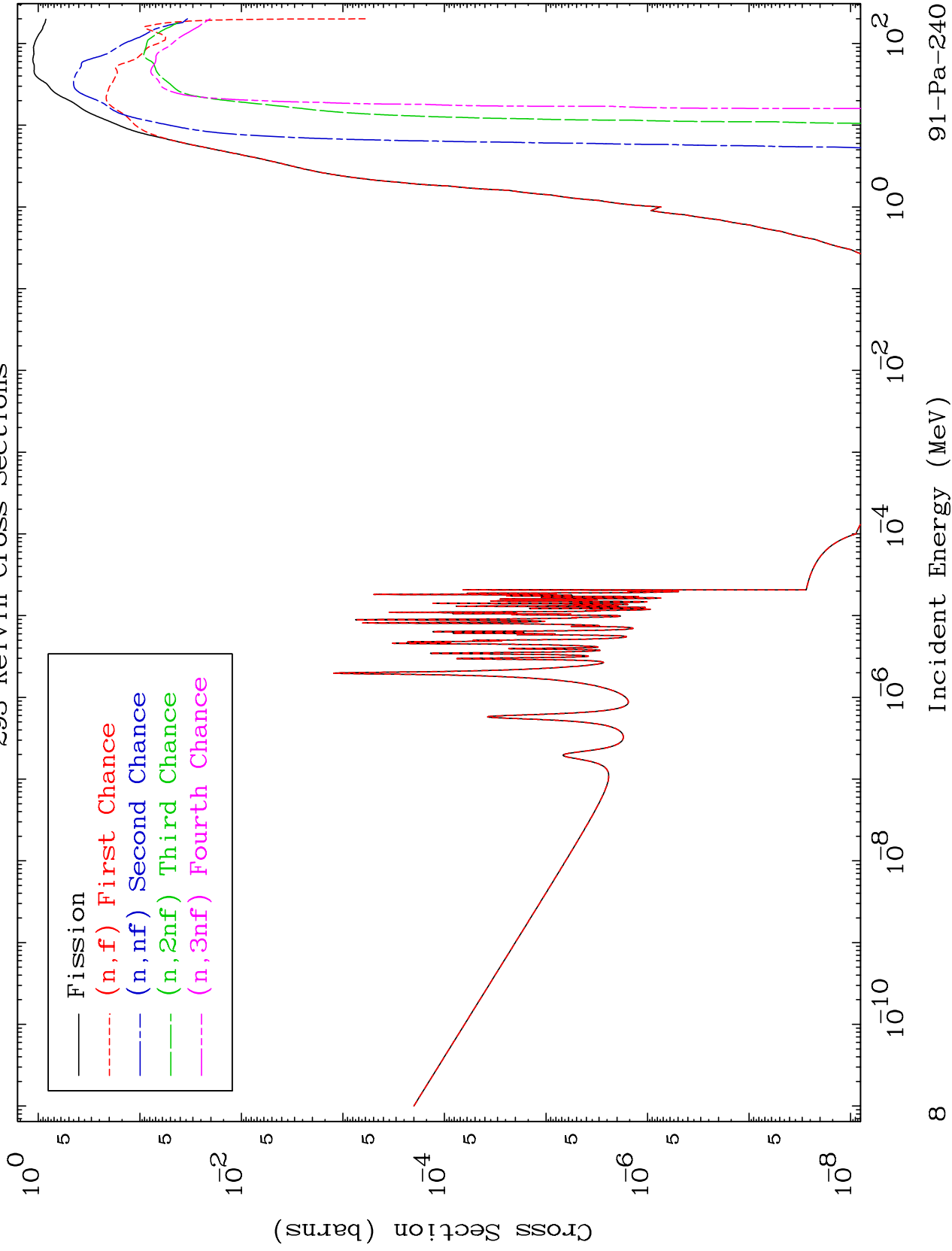
91-Pa-240



MAT 9158

Fission
293 Kelvin Cross Sections

91-Pa-240

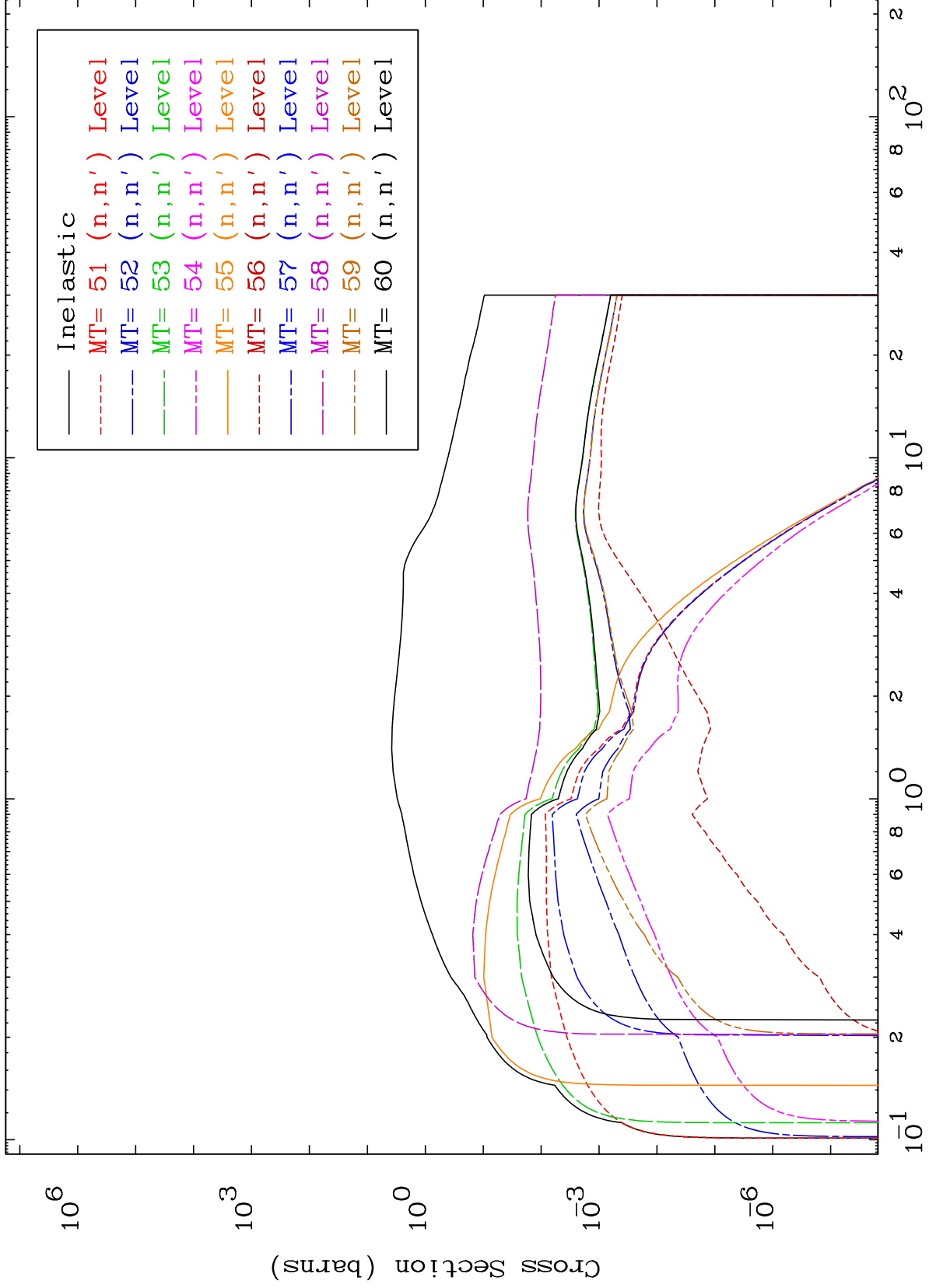


MAT 9158

(n,n') Levels

91-Pa-240

293 Kelvin Cross Sections



Incident Energy (MeV)

91-Pa-240

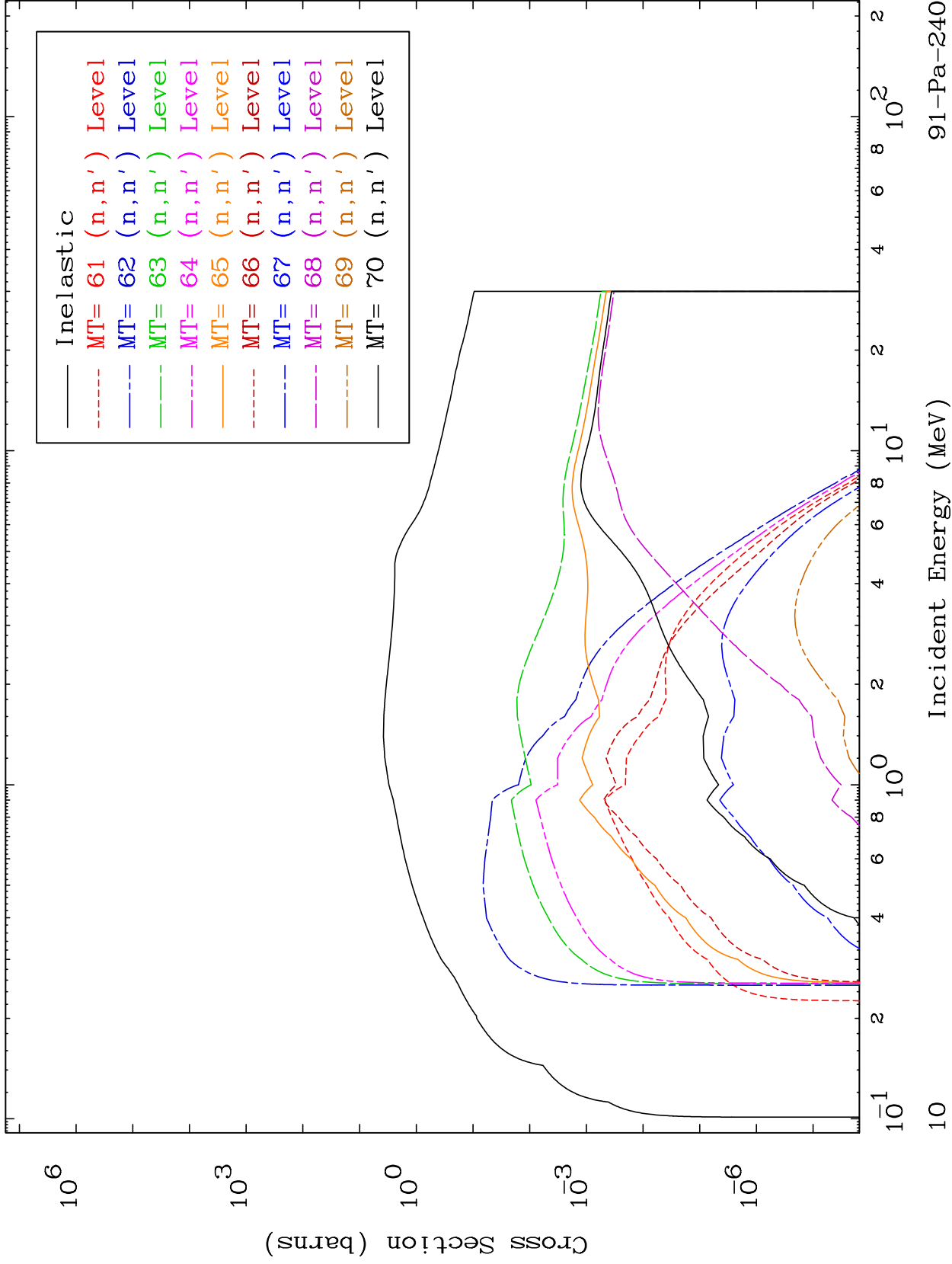
9

MAT 9158

(n,n') Levels

91-Pa-240

293 Kelvin Cross Sections



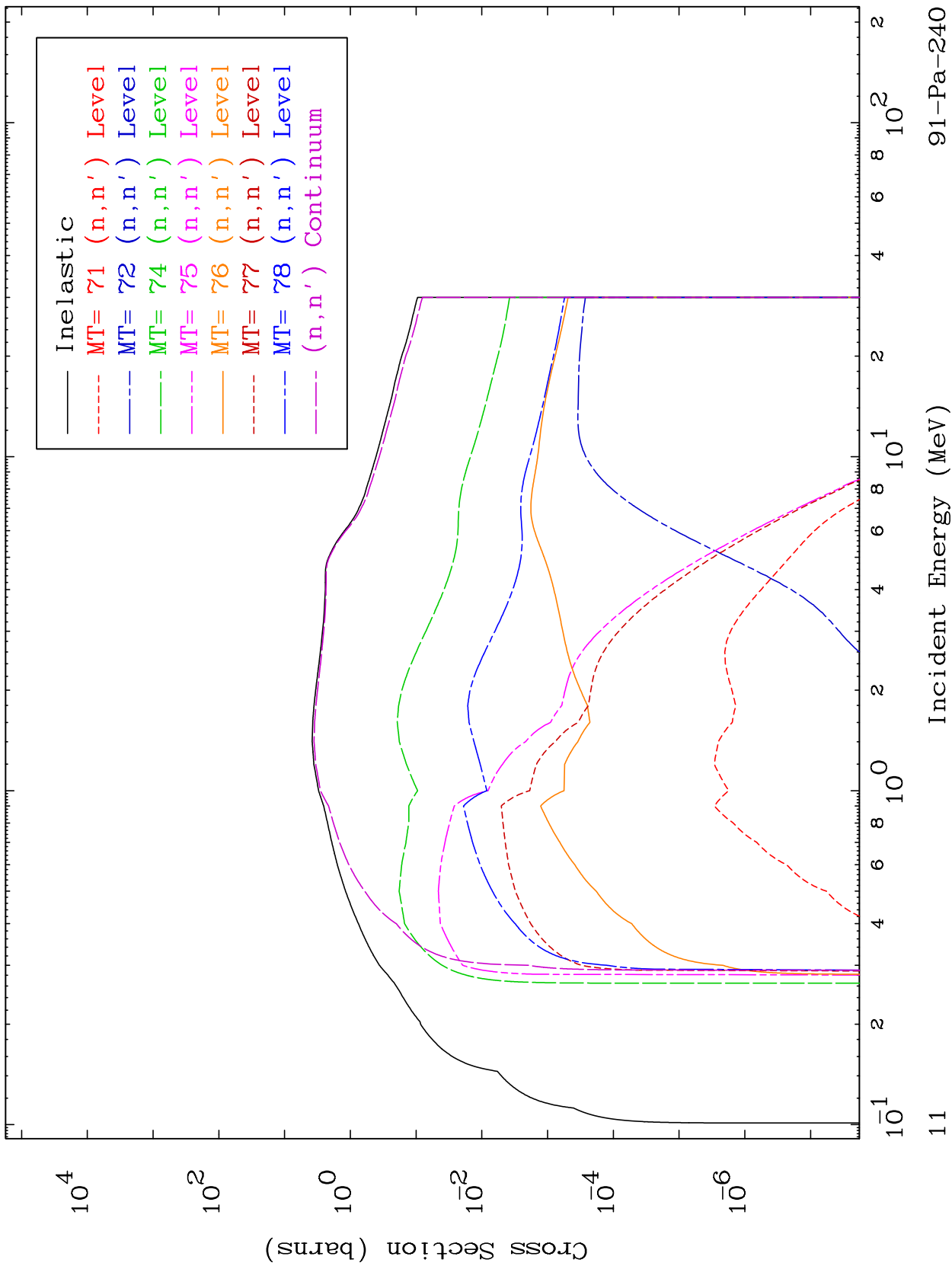
Incident Energy (MeV)

91-Pa-240

MAT 9158

(n,n') Levels
293 Kelvin Cross Sections

91-Pa-240



11

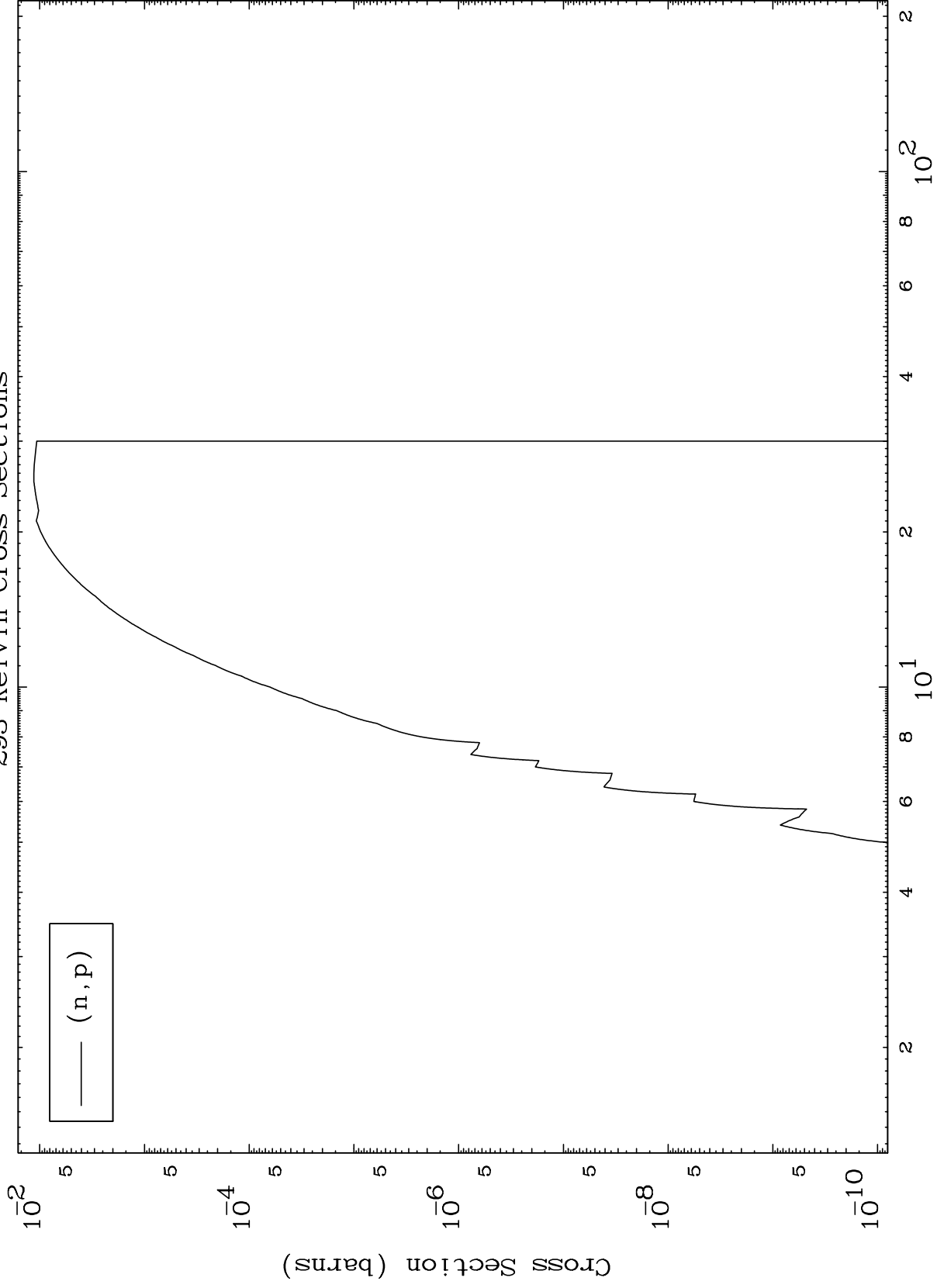
Incident Energy (MeV)

91-Pa-240

MAT 9158

(n,p) Levels
293 Kelvin Cross Sections

91-Pa-240



12

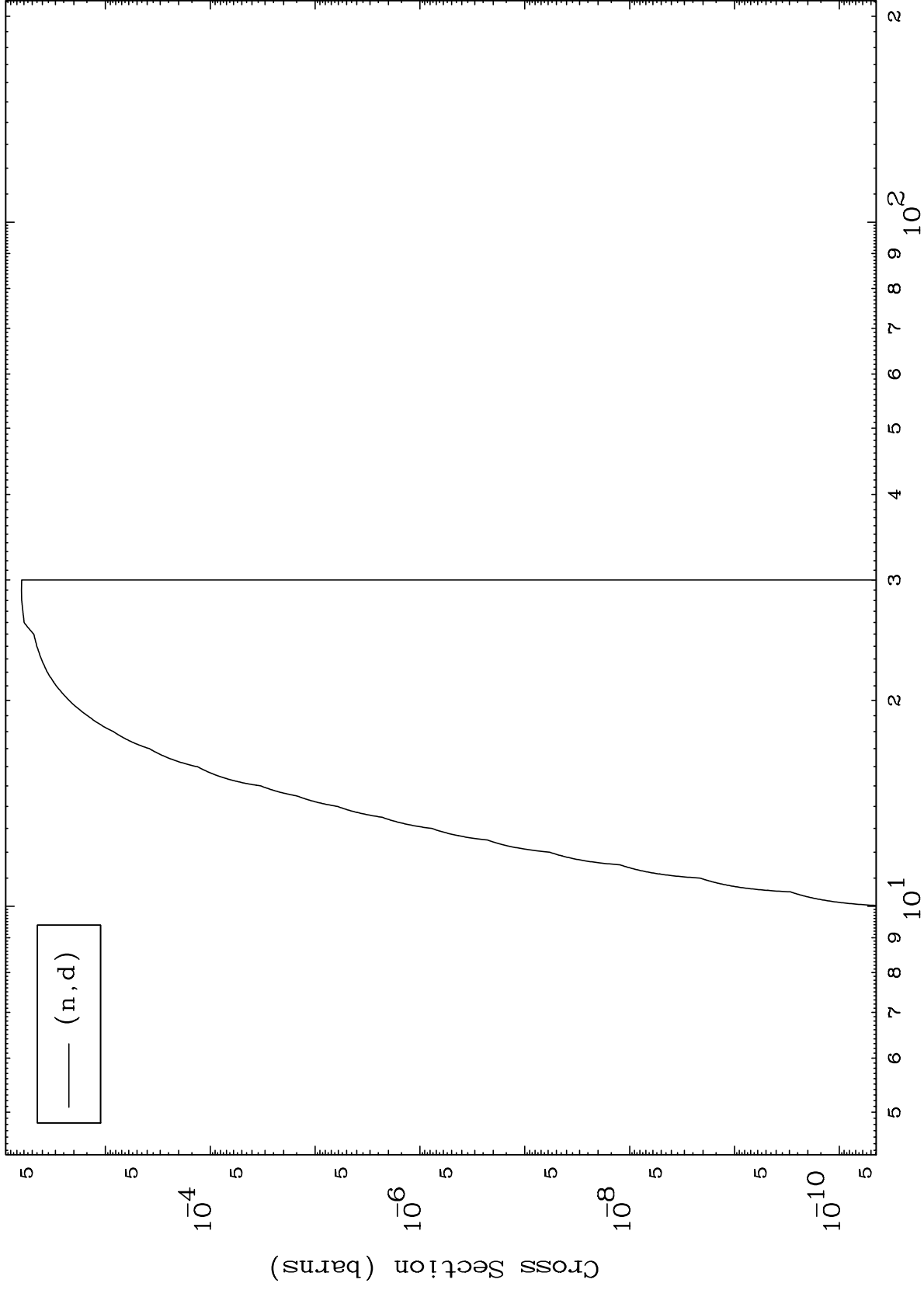
Incident Energy (MeV)

91-Pa-240

MAT 9158

(n,d) Levels
293 Kelvin Cross Sections

91-Pa-240



13

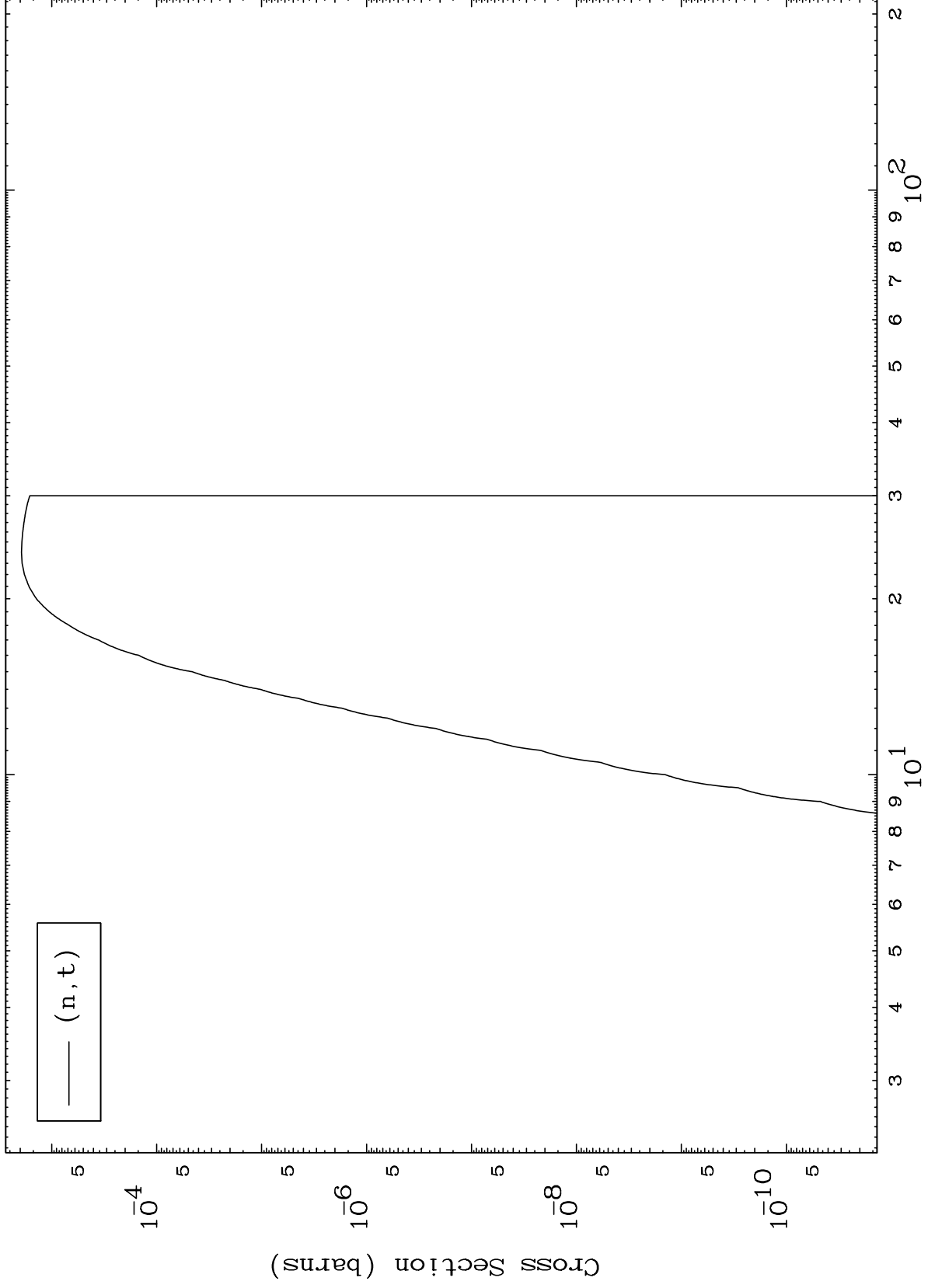
Incident Energy (MeV)

91-Pa-240

MAT 9158

(n,t) Levels
293 Kelvin Cross Sections

91-Pa-240



14

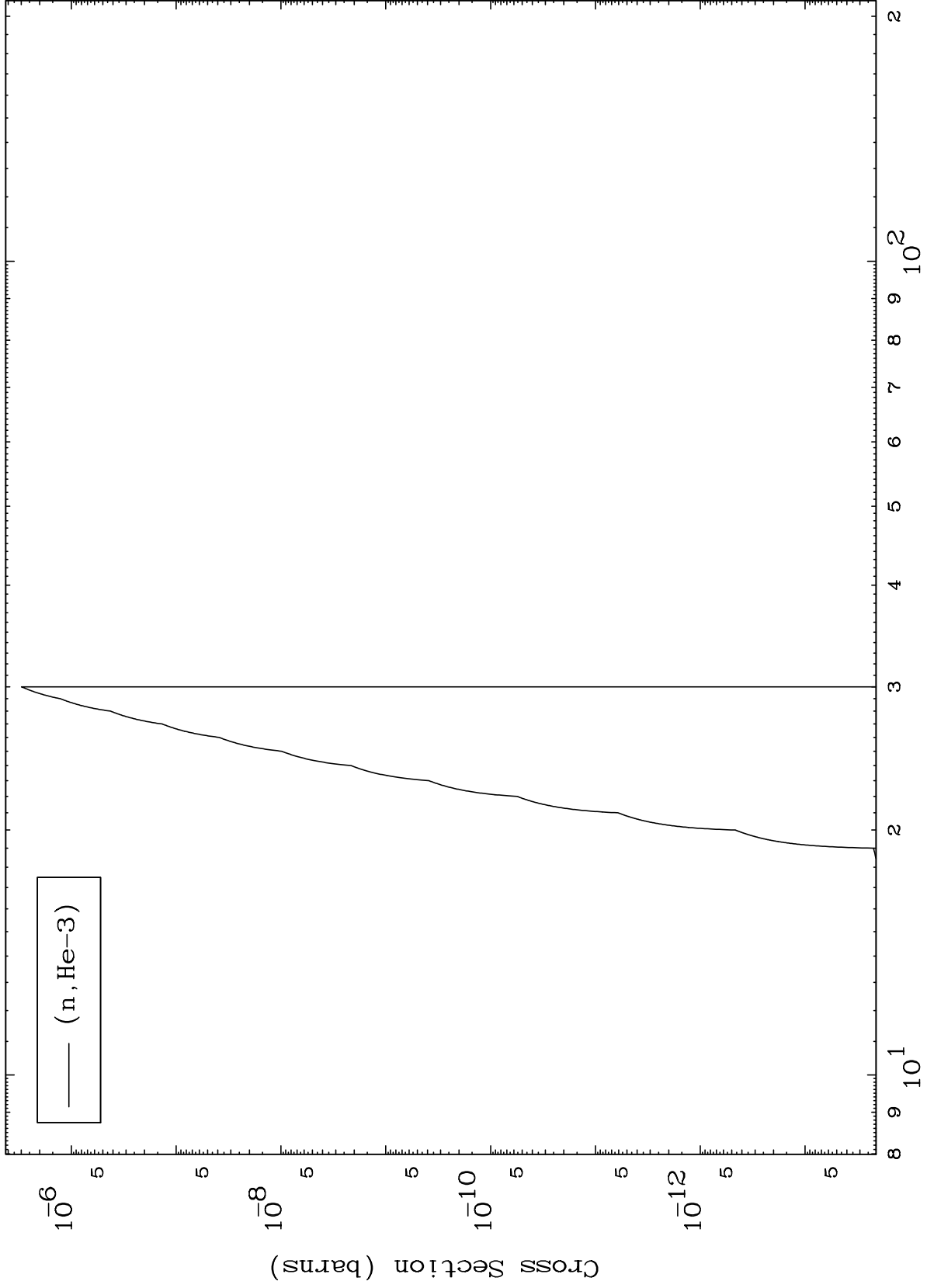
Incident Energy (MeV)

91-Pa-240

MAT 9158

(n,He3) Levels
293 Kelvin Cross Sections

91-Pa-240



15

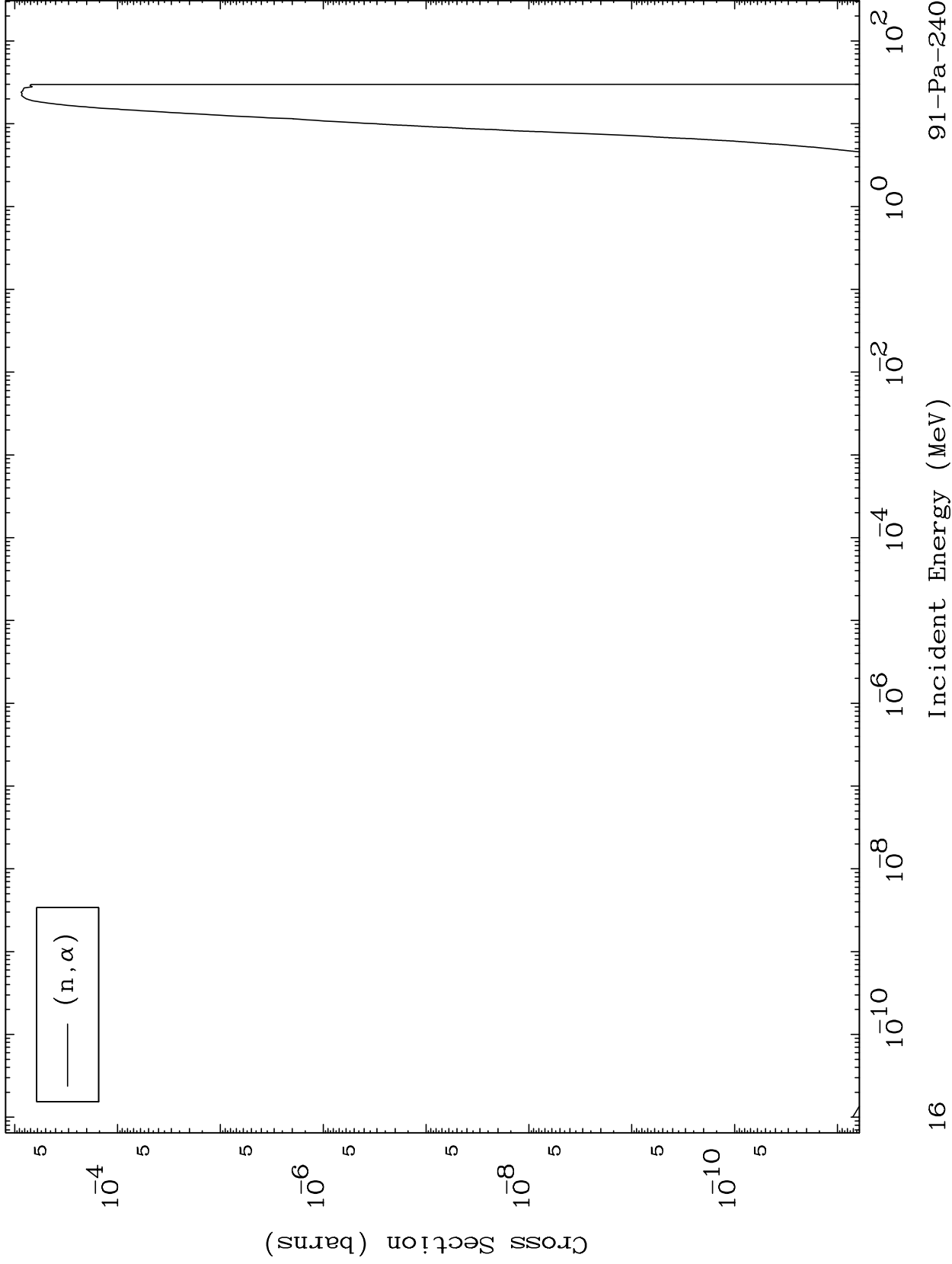
Incident Energy (MeV)

91-Pa-240

MAT 9158

(n, α) Levels
293 Kelvin Cross Sections

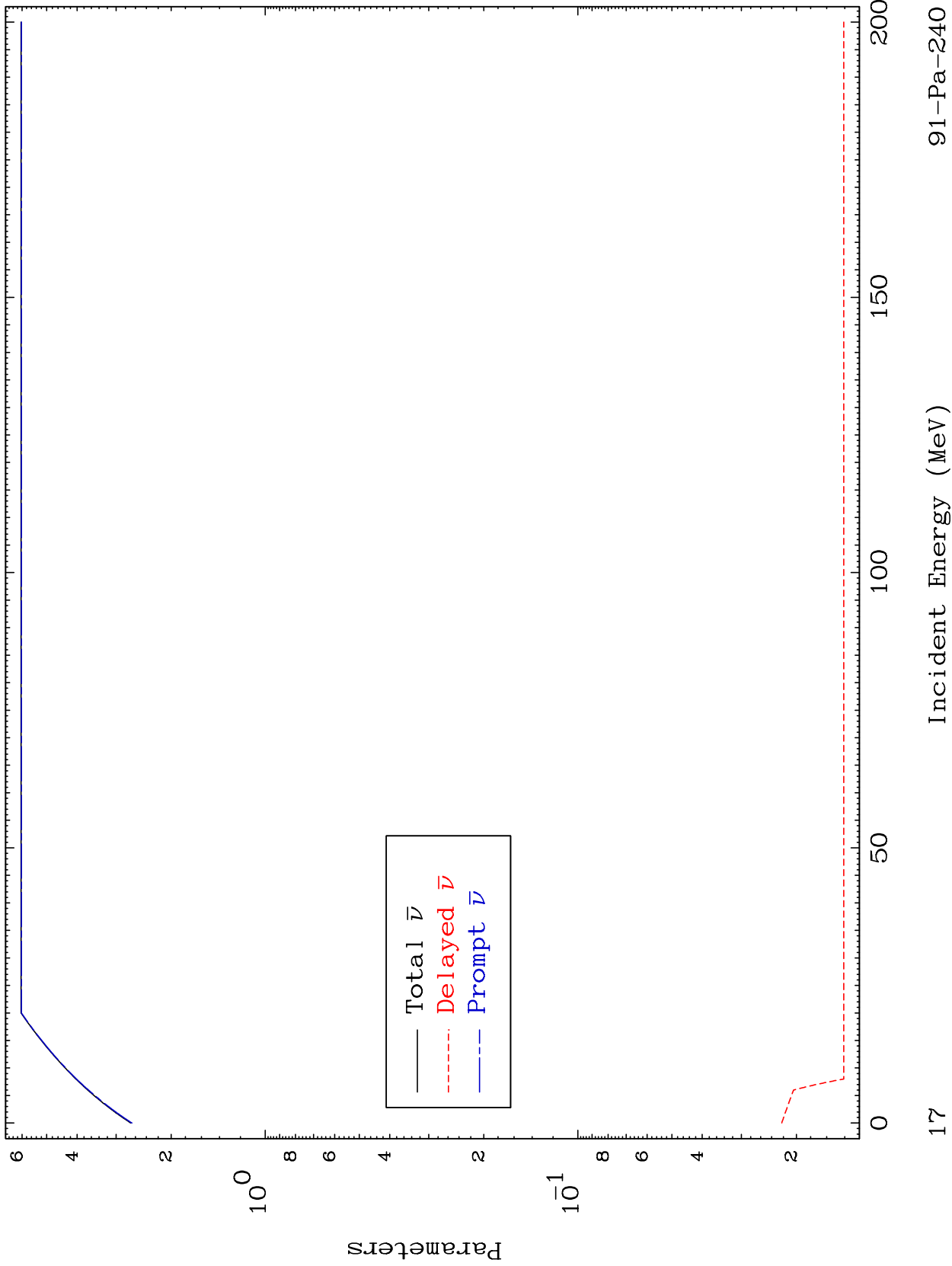
91-Pa-240



MAT 9158

Energy Release
Parameters

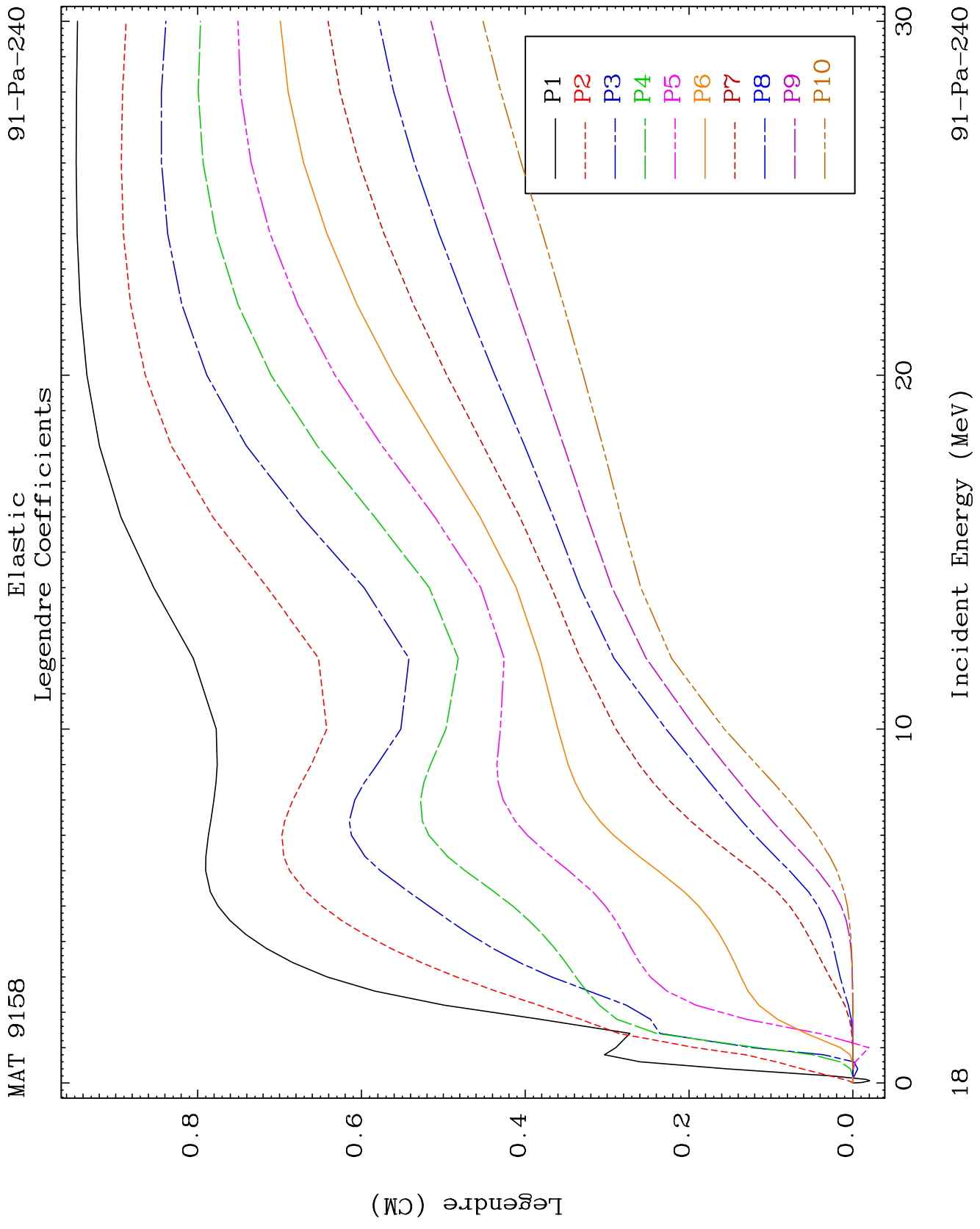
91-Pa-240



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Incident Energy (MeV)

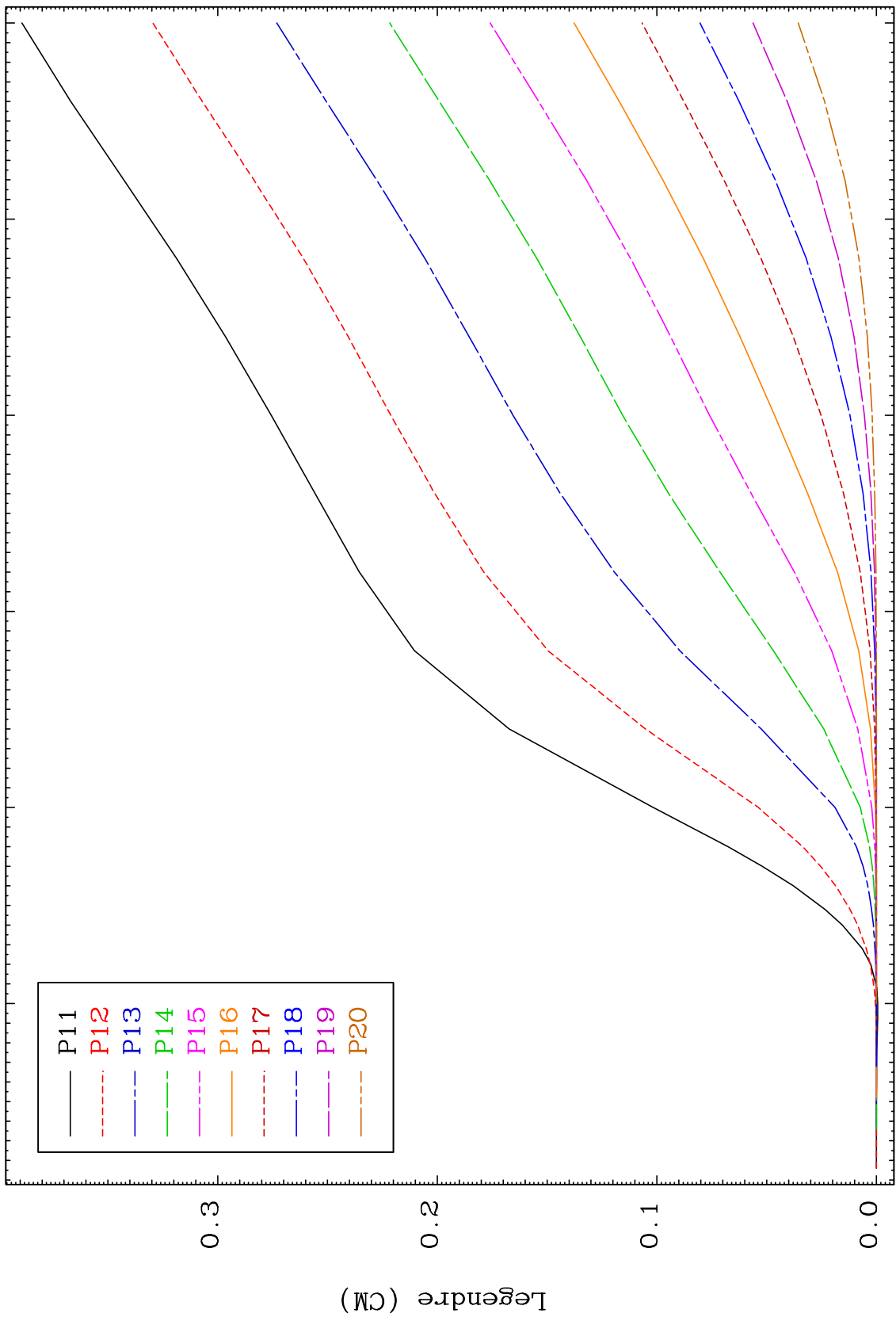
91-Pa-240



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Elastic Legendre Coefficients

91-Pa-240



19

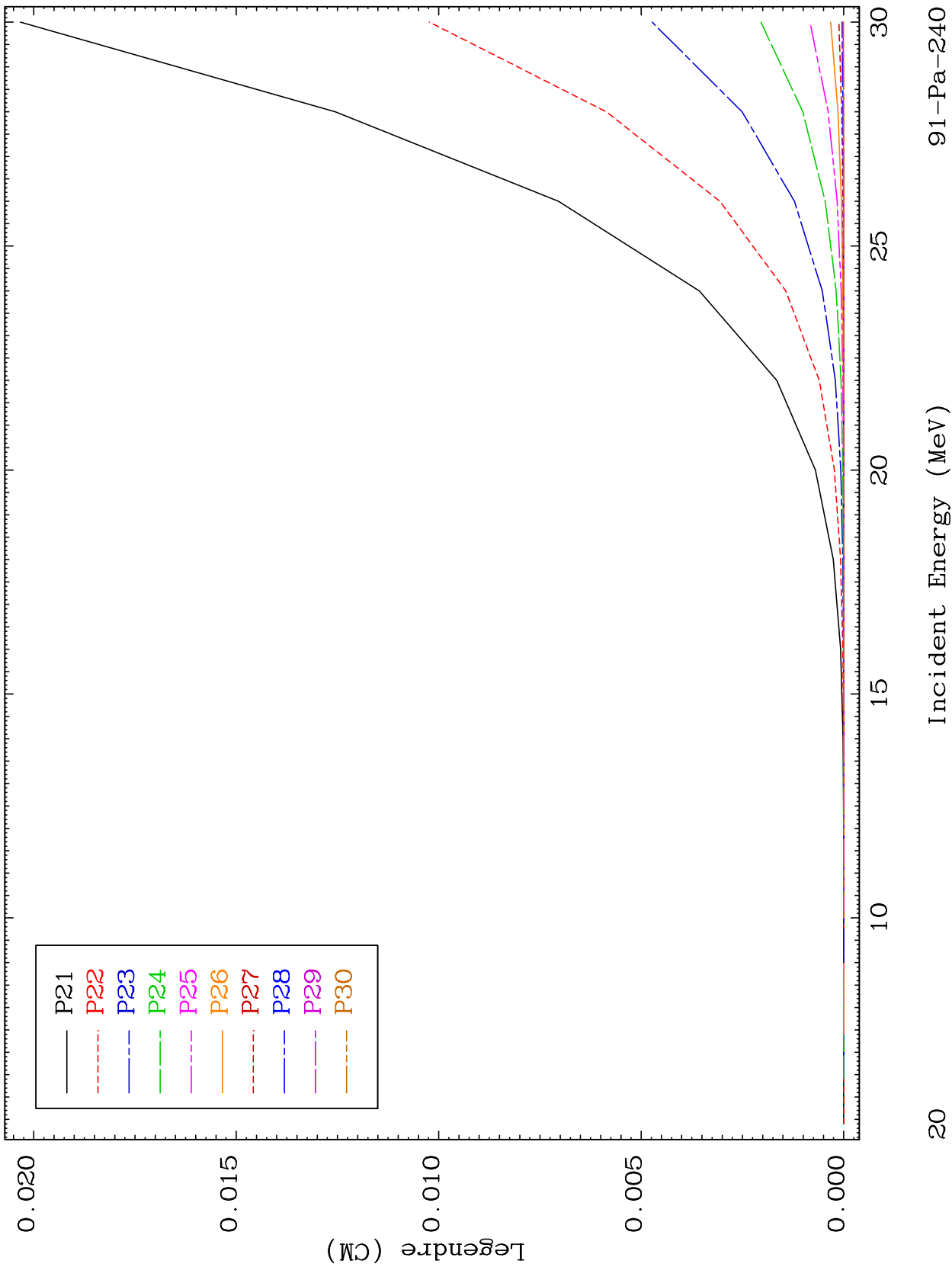
Incident Energy (MeV)

91-Pa-240

MAT 9158

Elastic Legendre Coefficients

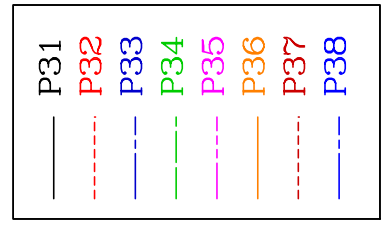
91-Pa-240



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Elastic Legendre Coefficients

91-Pa-240



$\times 10^{-6}$

1.2

1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

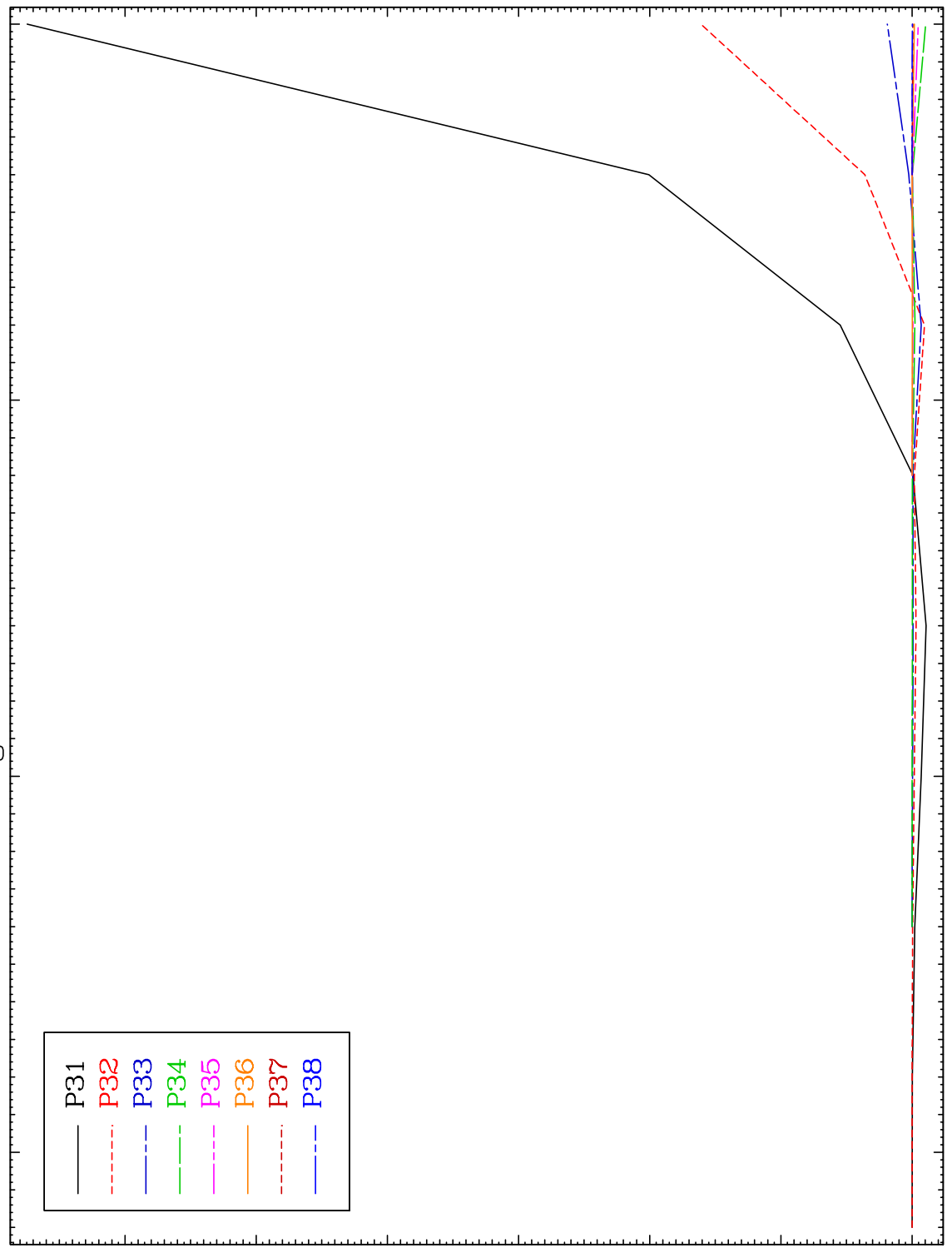
25

30

21

Incident Energy (MeV)

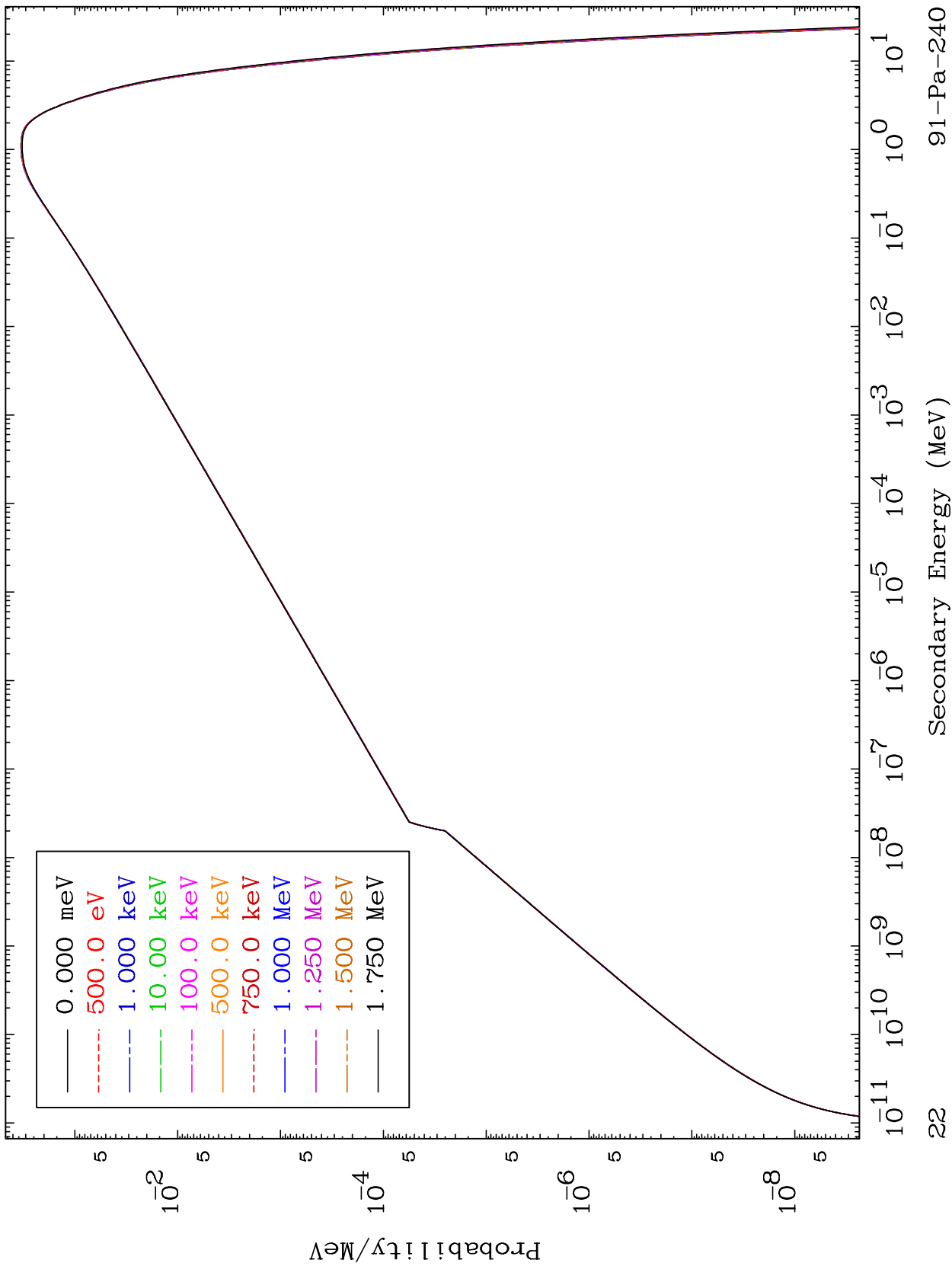
91-Pa-240



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Fission Energy Distributions

91-Pa-240



- 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-240

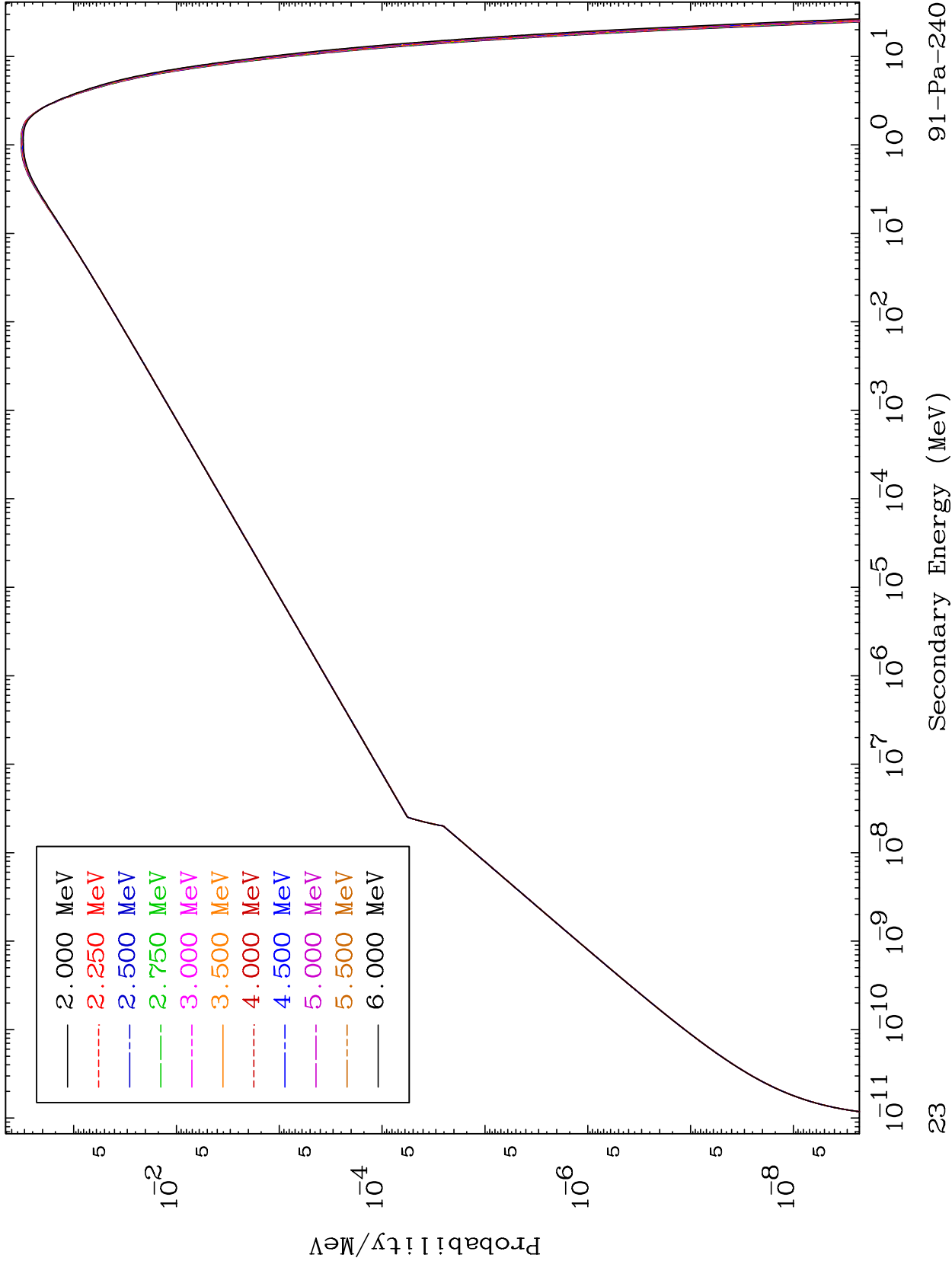
Secondary Energy (MeV)

22

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Fission Energy Distributions

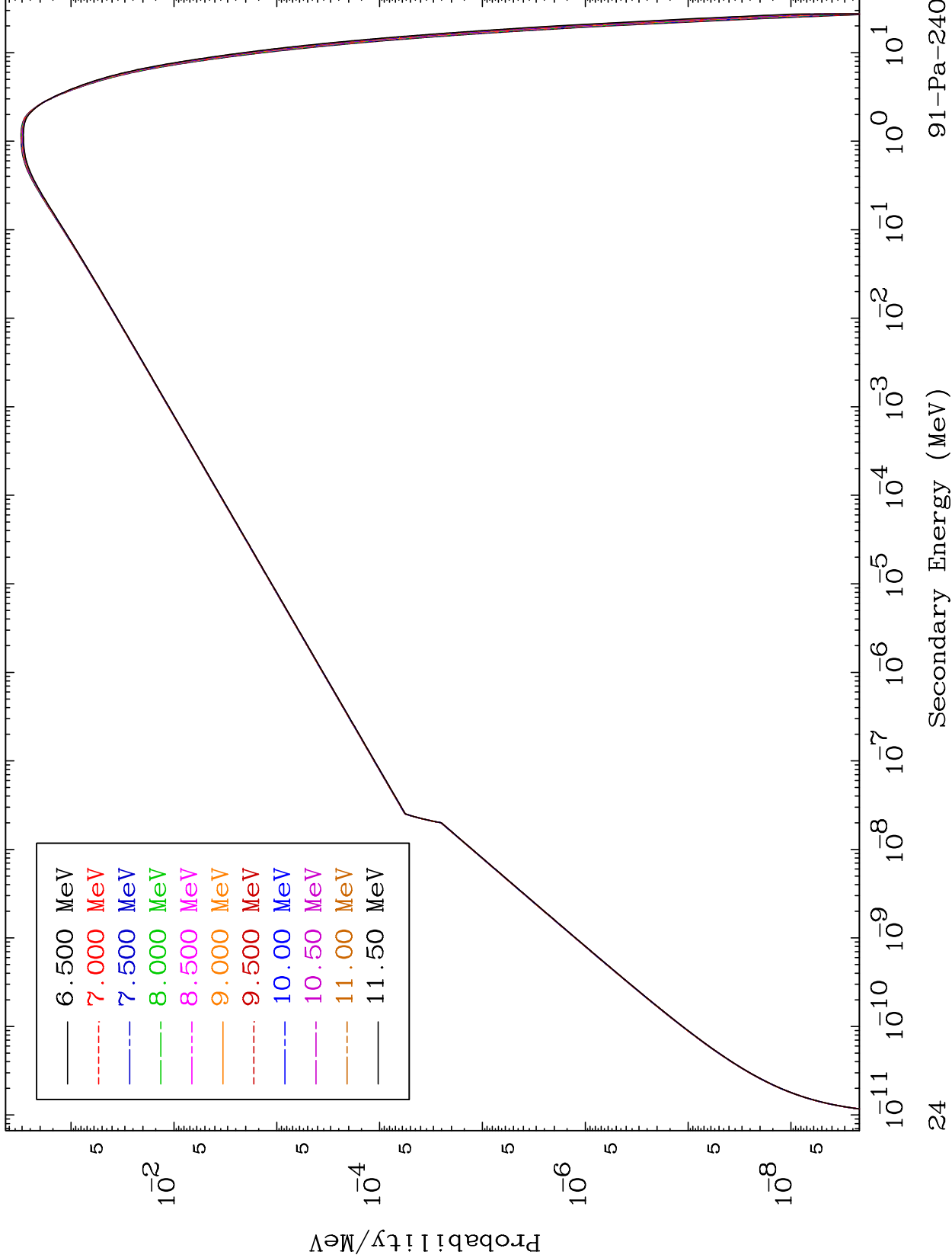
91-Pa-240



MAT 9158

Fission Energy Distributions

91-Pa-240



91-Pa-240

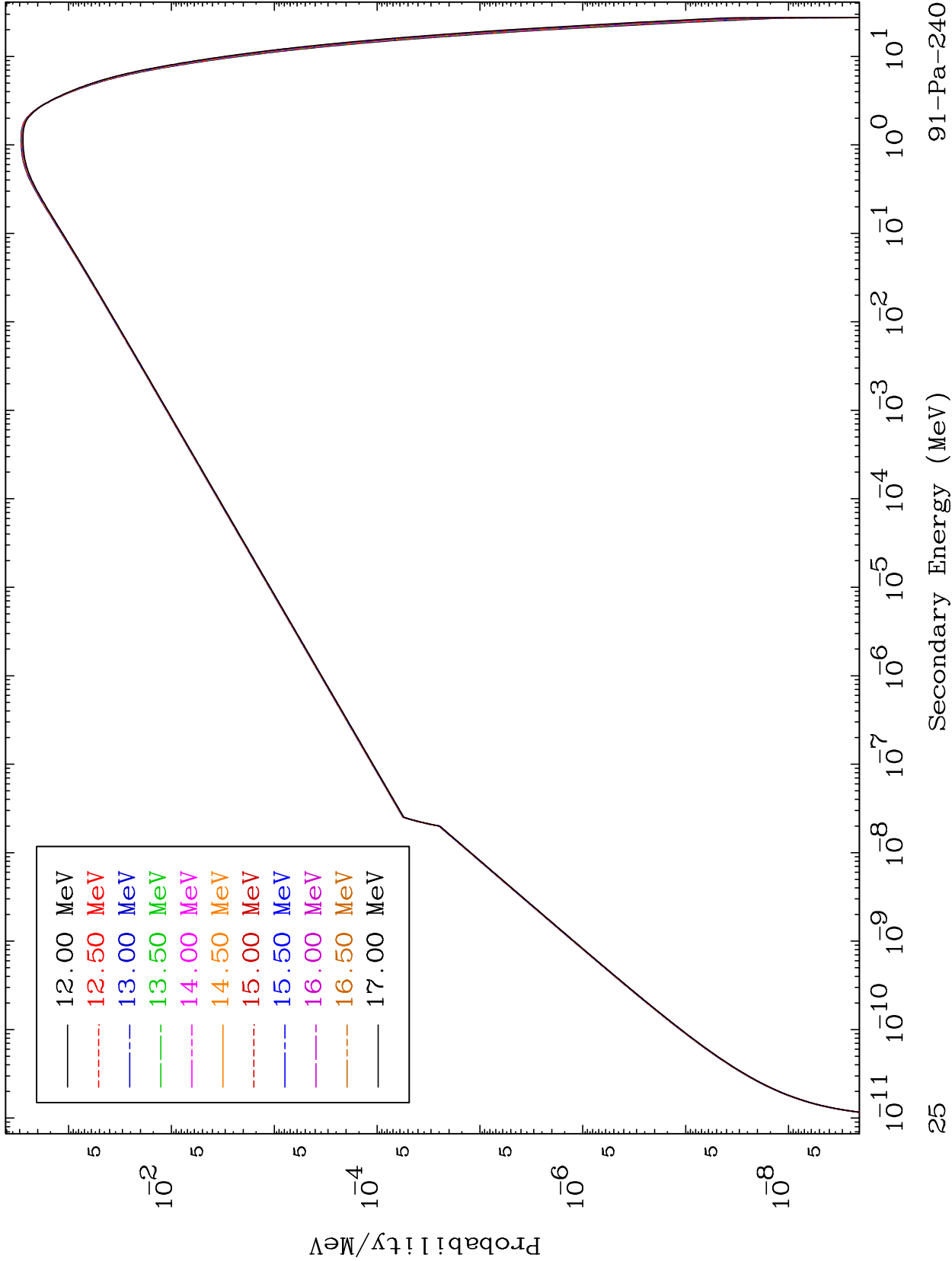
Secondary Energy (MeV)

24

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Fission Energy Distributions

91-Pa-240



MAT 9158

Fission Energy Distributions

91-Pa-240

