

Program EVALPLOT
(Version 2021-1)

by

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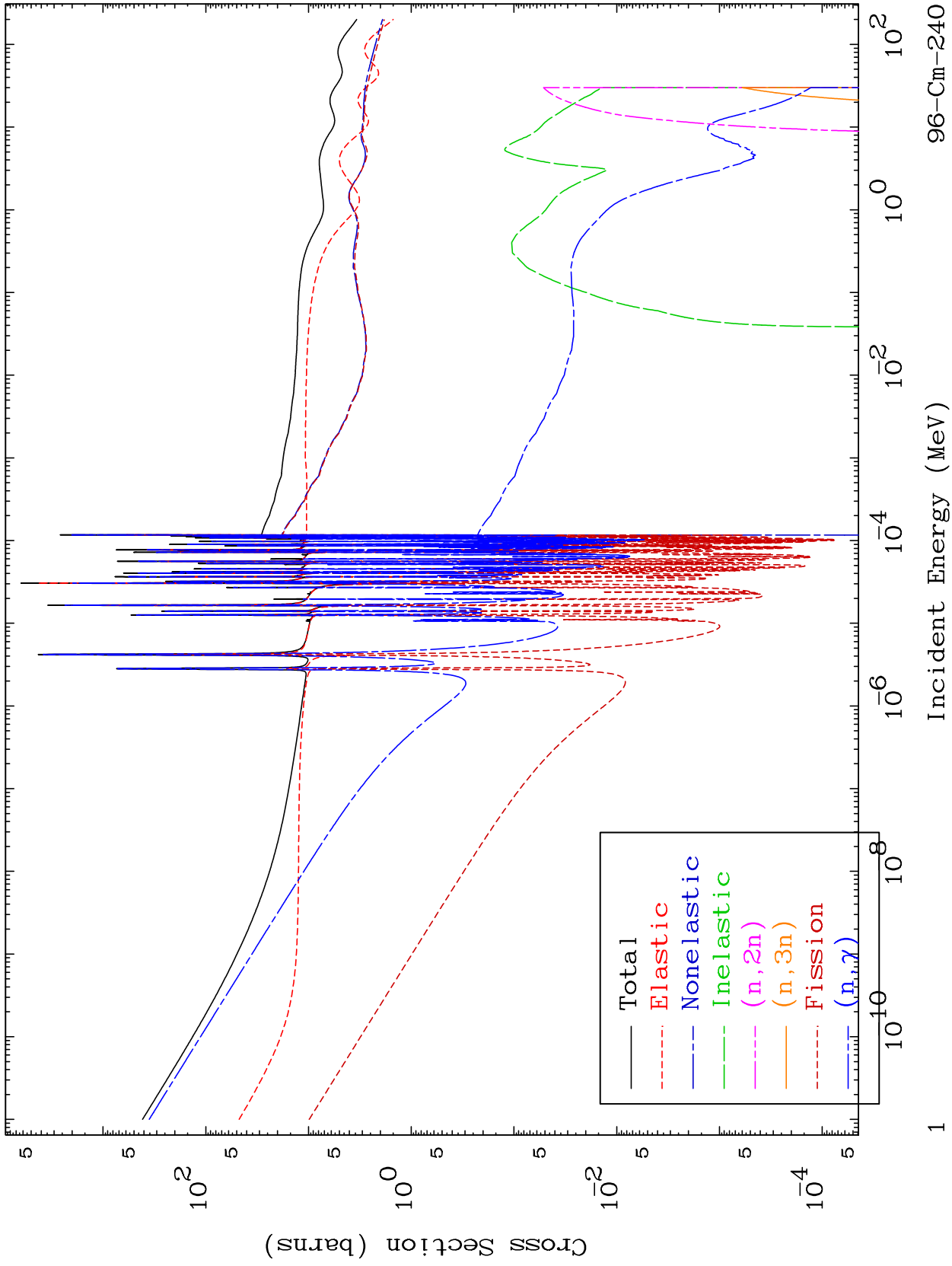
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9625

Neutron Major
293 Kelvin Cross Sections

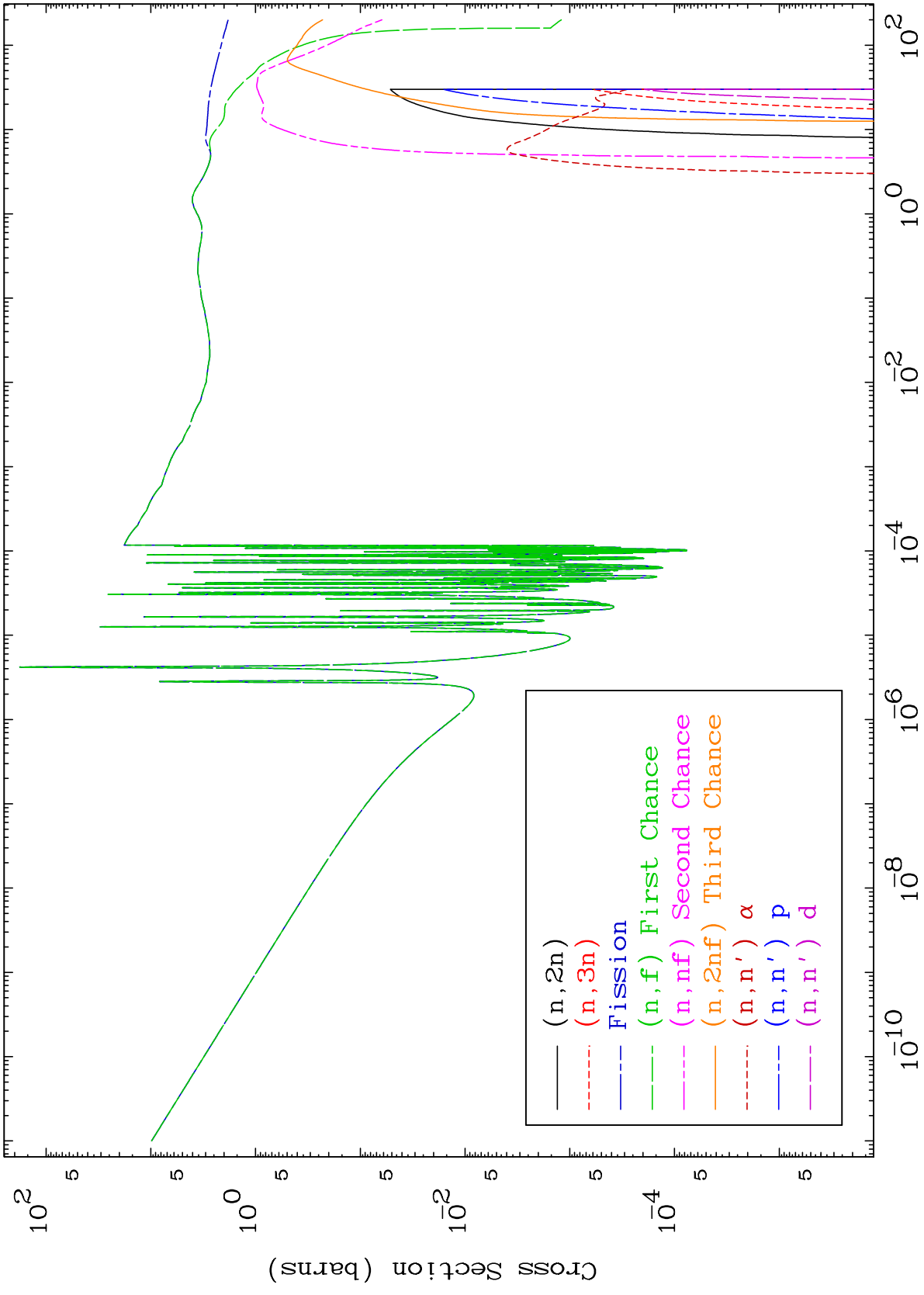
96-Cm-240



MAT 9625

Neutron Absorption
293 Kelvin Cross Sections

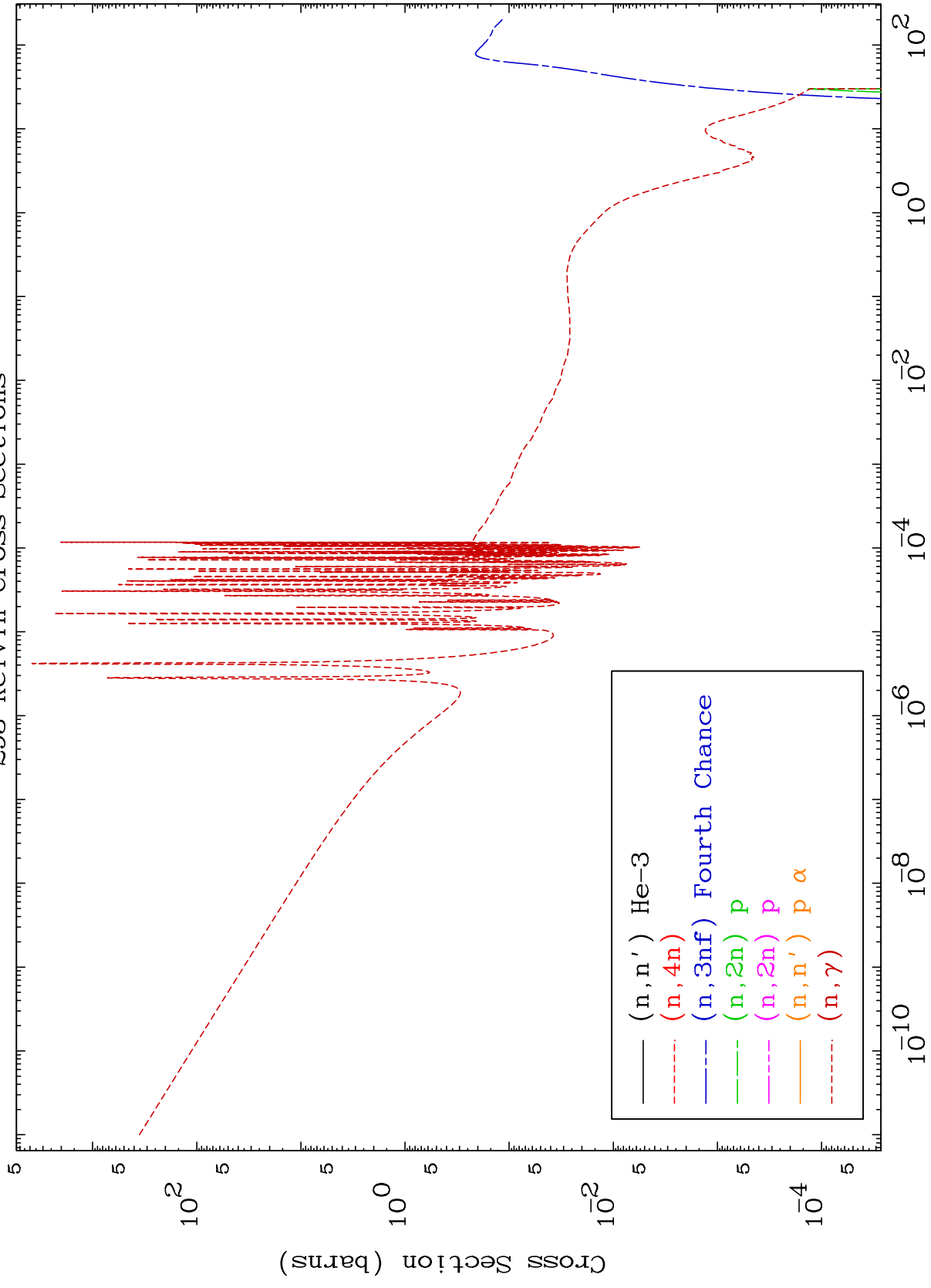
96-Cm-240



MAT 9625

Neutron Absorption
293 Kelvin Cross Sections

96-Cm-240



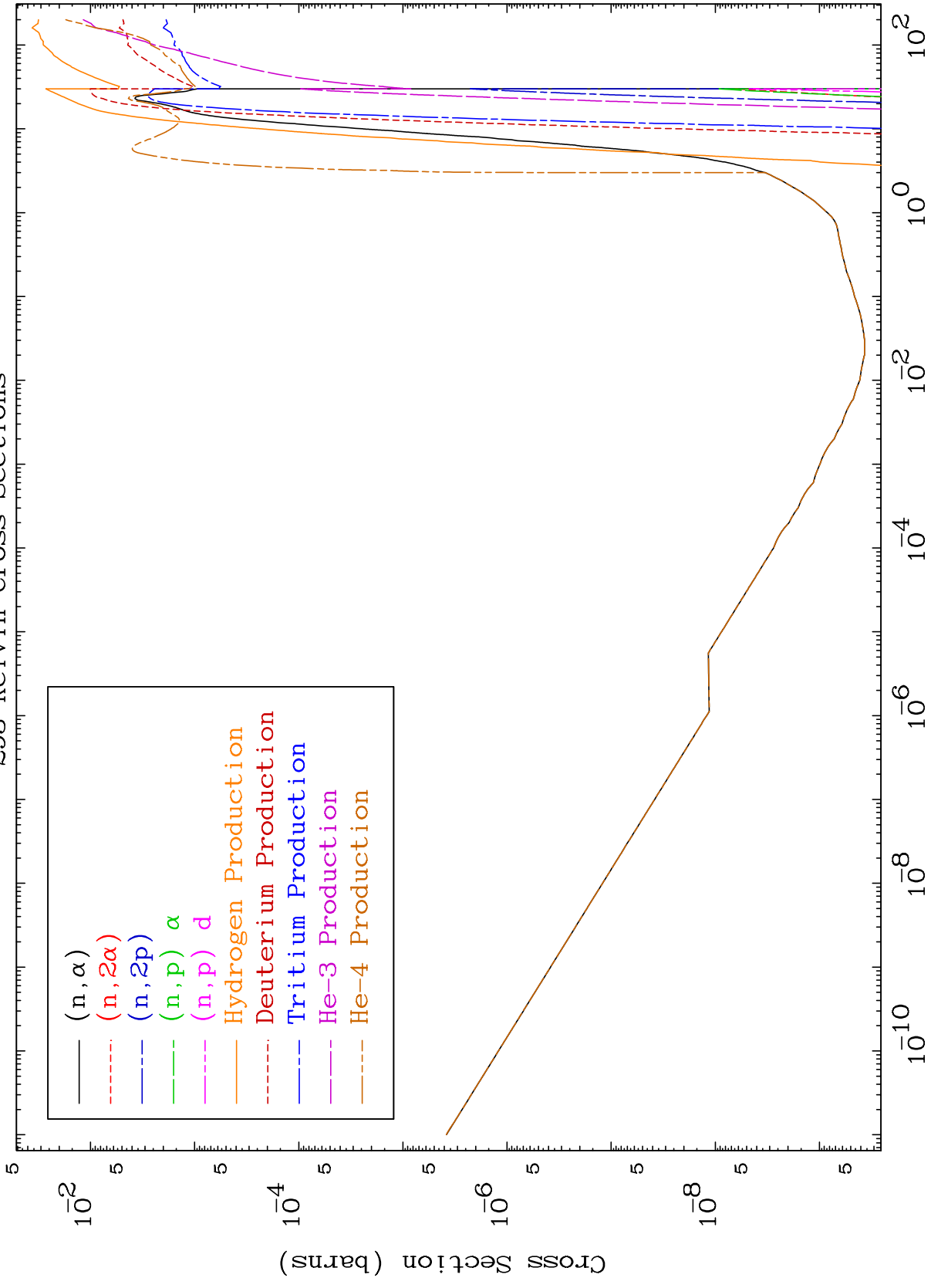
96-Cm-240

Incident Energy (MeV)

MAT 9625

Neutron Absorption
293 Kelvin Cross Sections

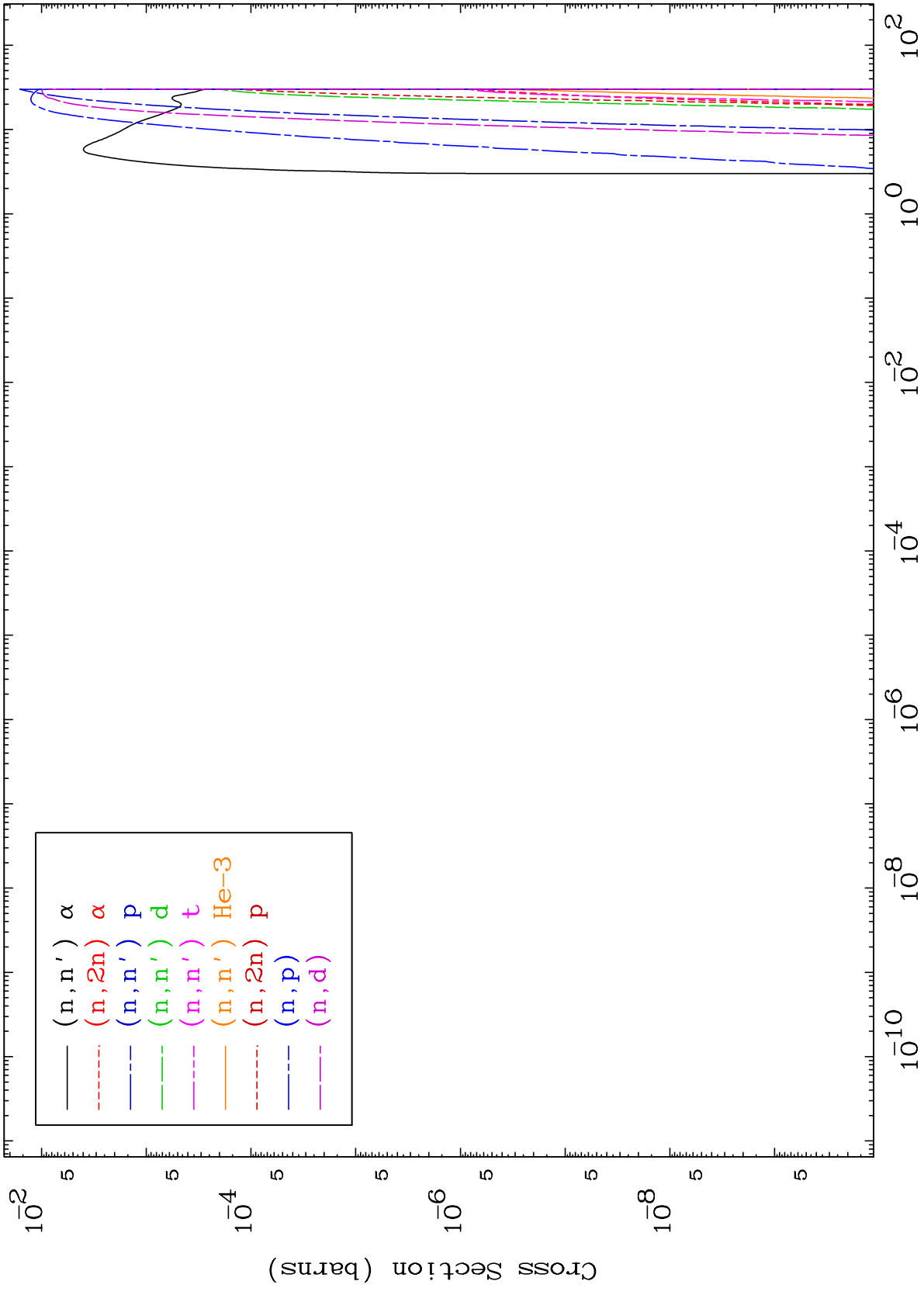
96-Cm-240



MAT 9625

Charged Particle
293 Kelvin Cross Sections

96-Cm-240

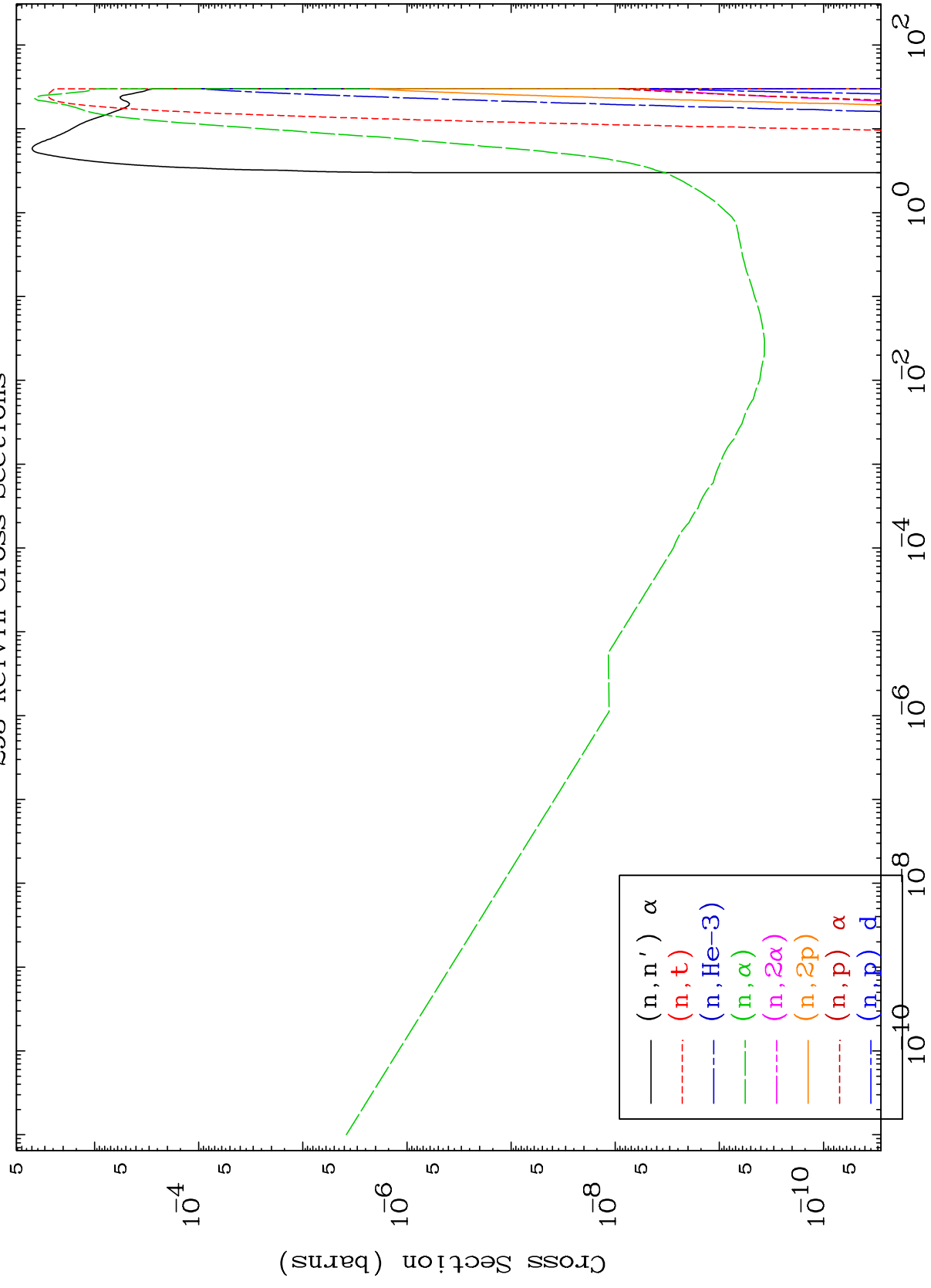


96-Cm-240

MAT 9625

Charged Particle
293 Kelvin Cross Sections

96-Cm-240



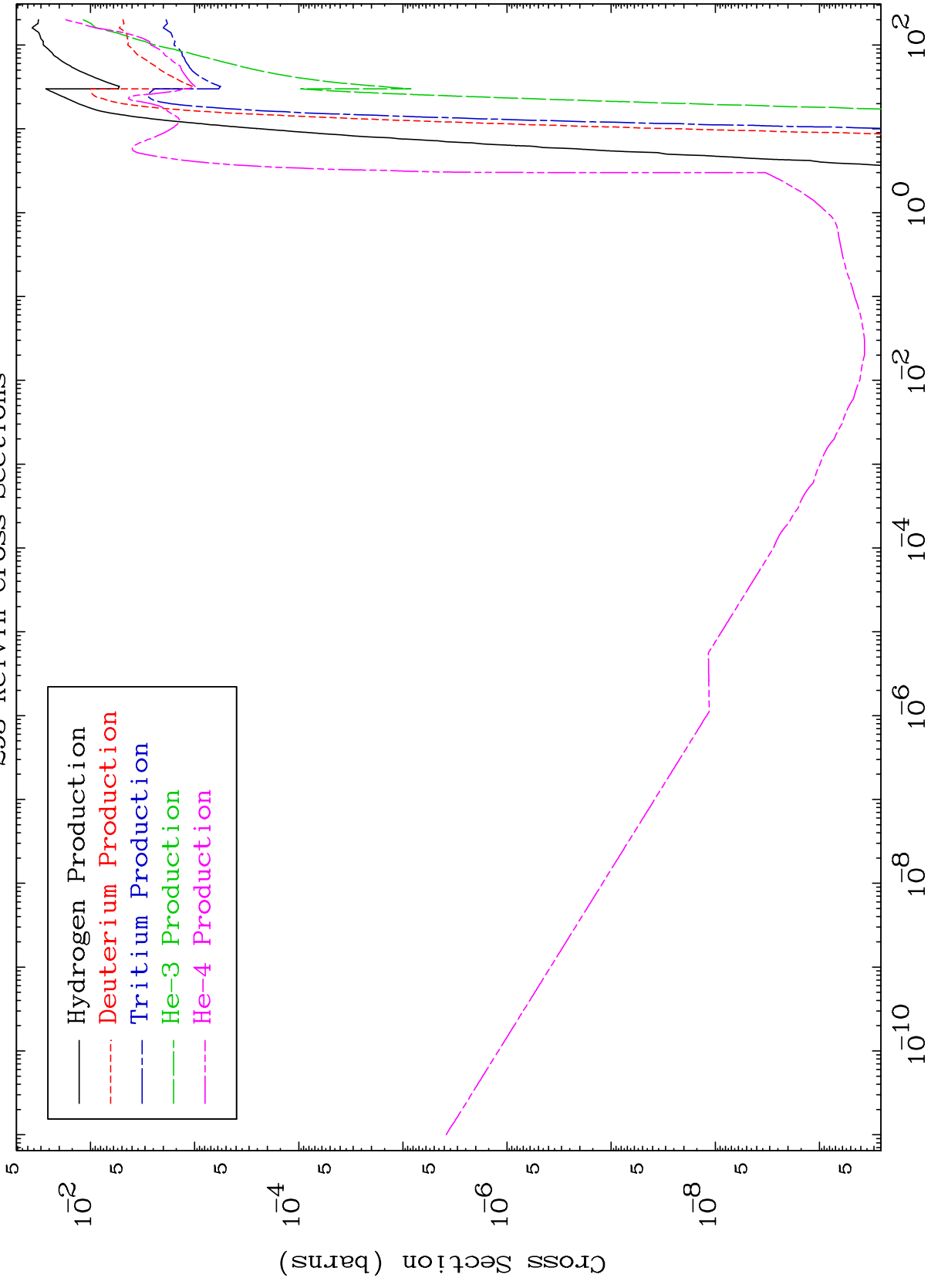
96-Cm-240

Incident Energy (MeV)

MAT 9625

Particle Production
293 Kelvin Cross Sections

96-Cm-240

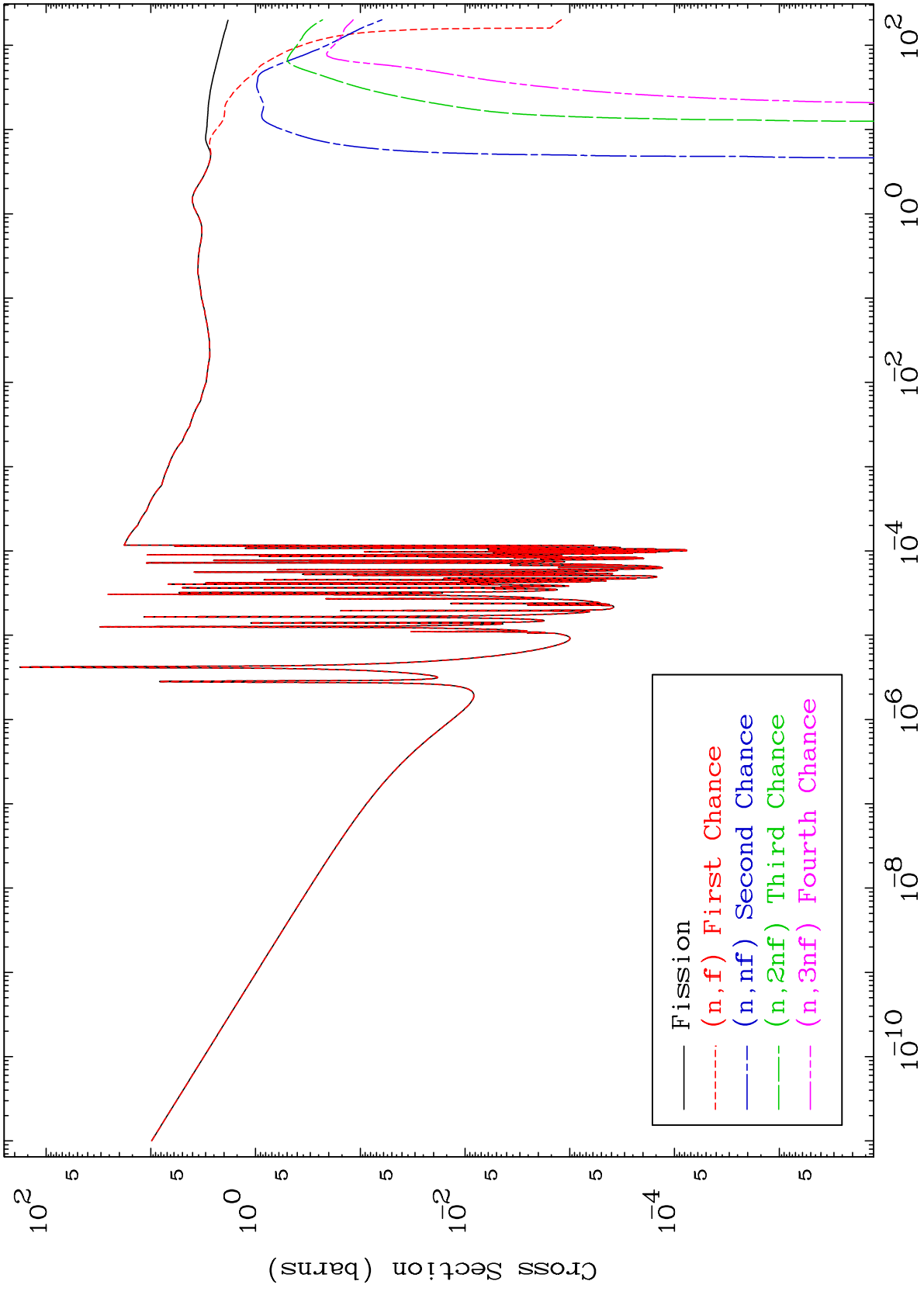


96-Cm-240

MAT 9625

Fission
293 Kelvin Cross Sections

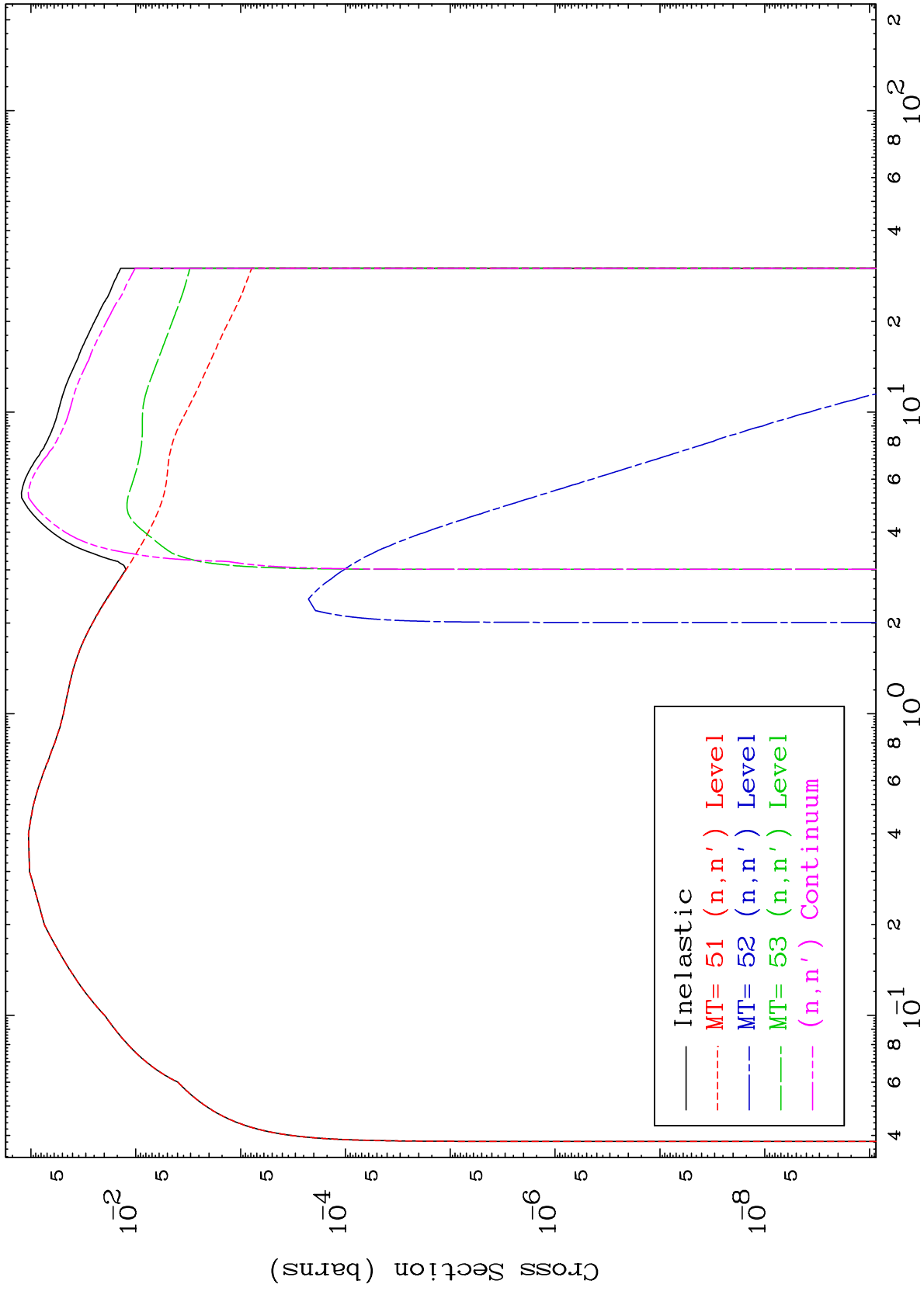
96-Cm-240



MAT 9625

96-Cm-240

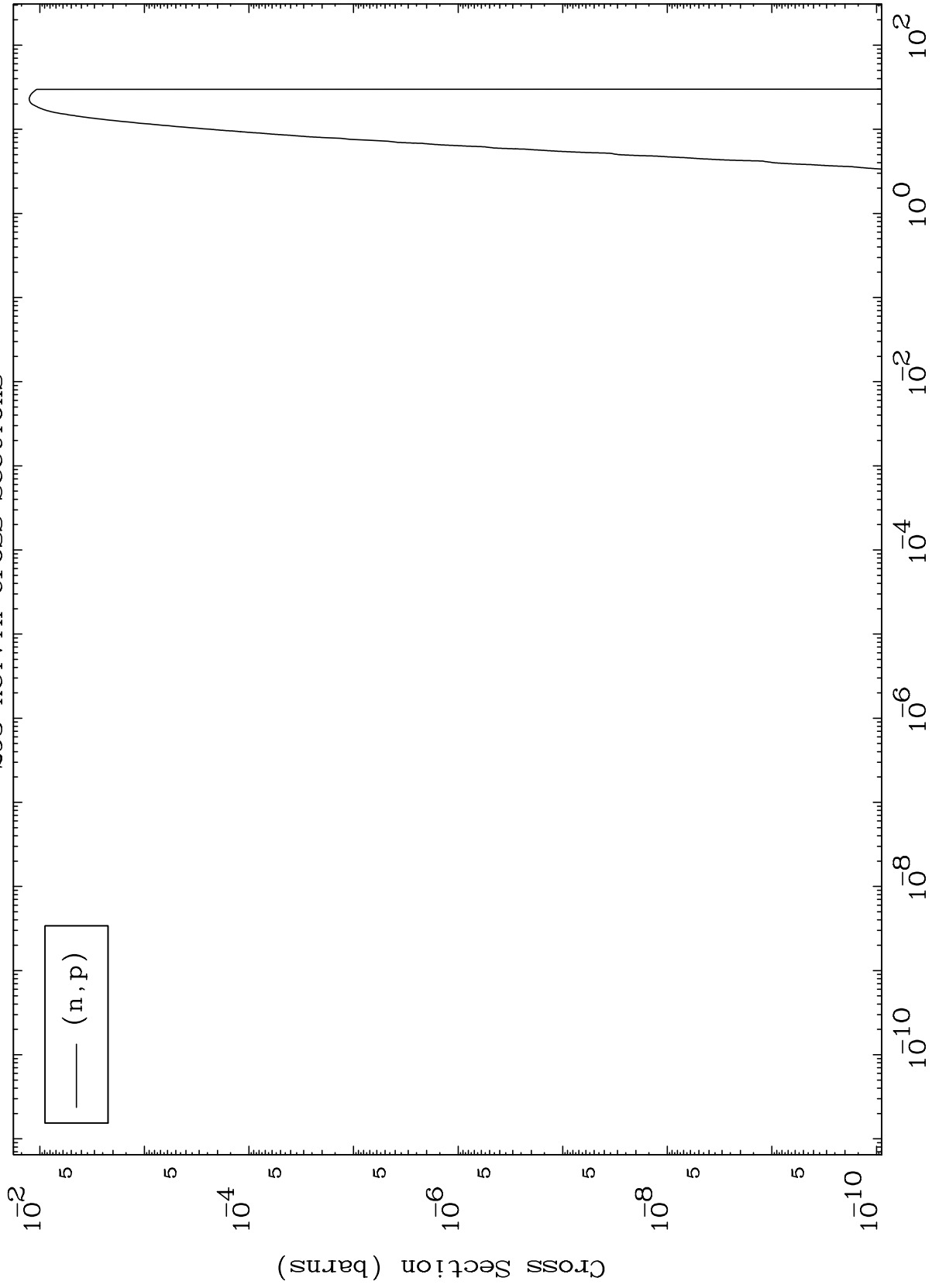
(n,n') Levels
293 Kelvin Cross Sections



MAT 9625

(n,p) Levels
293 Kelvin Cross Sections

96-Cm-240



10

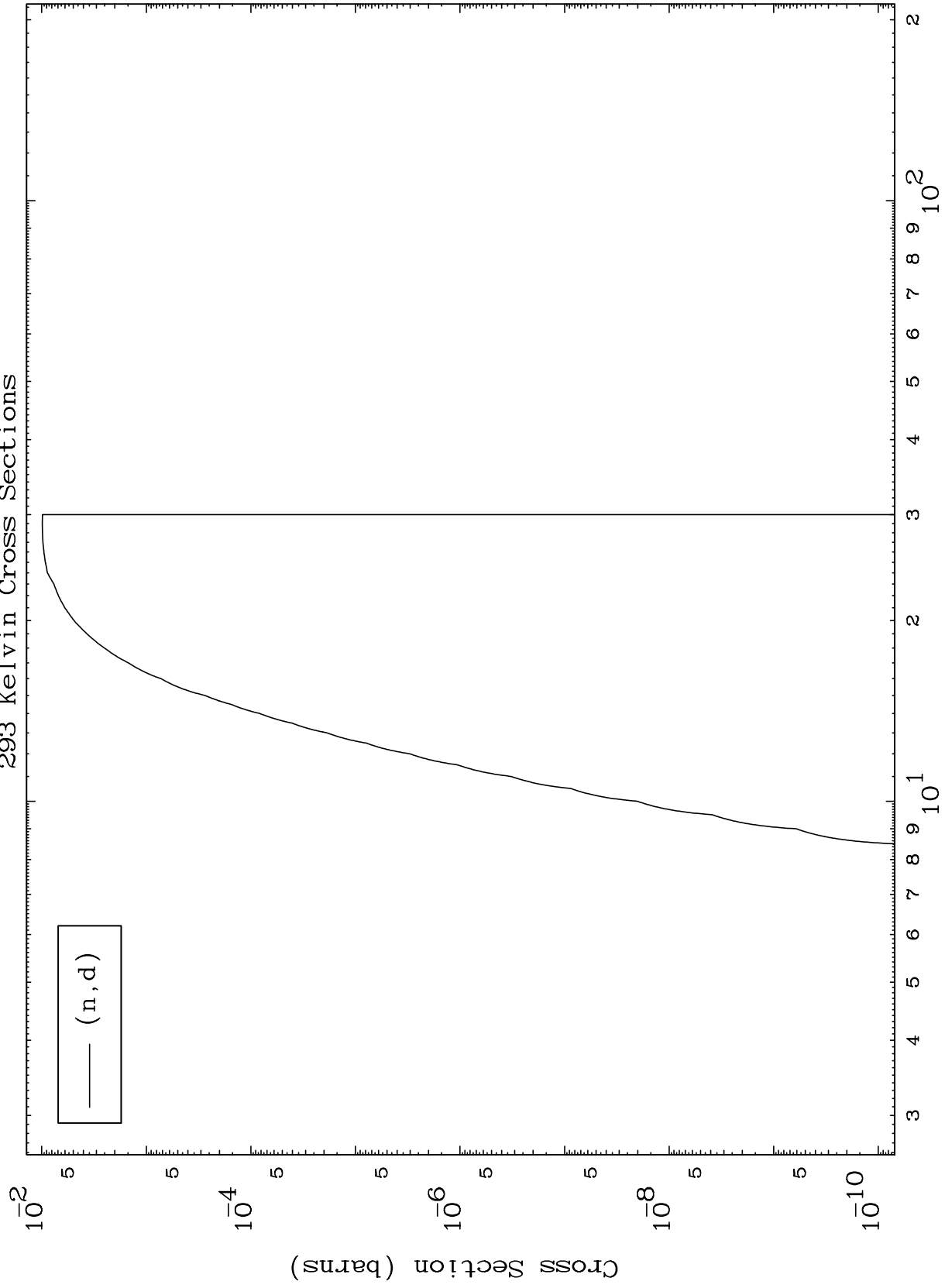
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,d) Levels
293 Kelvin Cross Sections

96-Cm-240



11

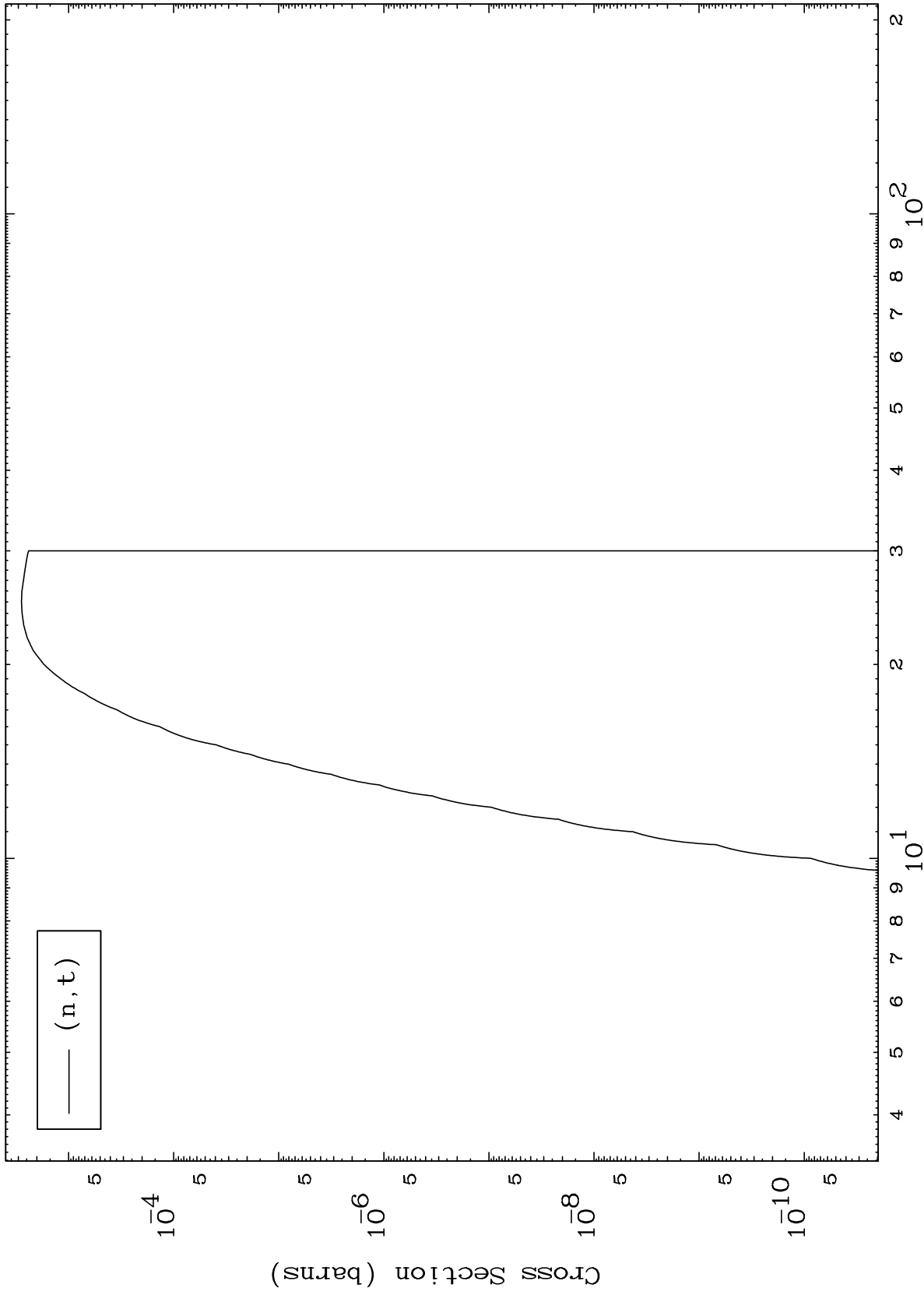
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,t) Levels
293 Kelvin Cross Sections

96-Cm-240



12

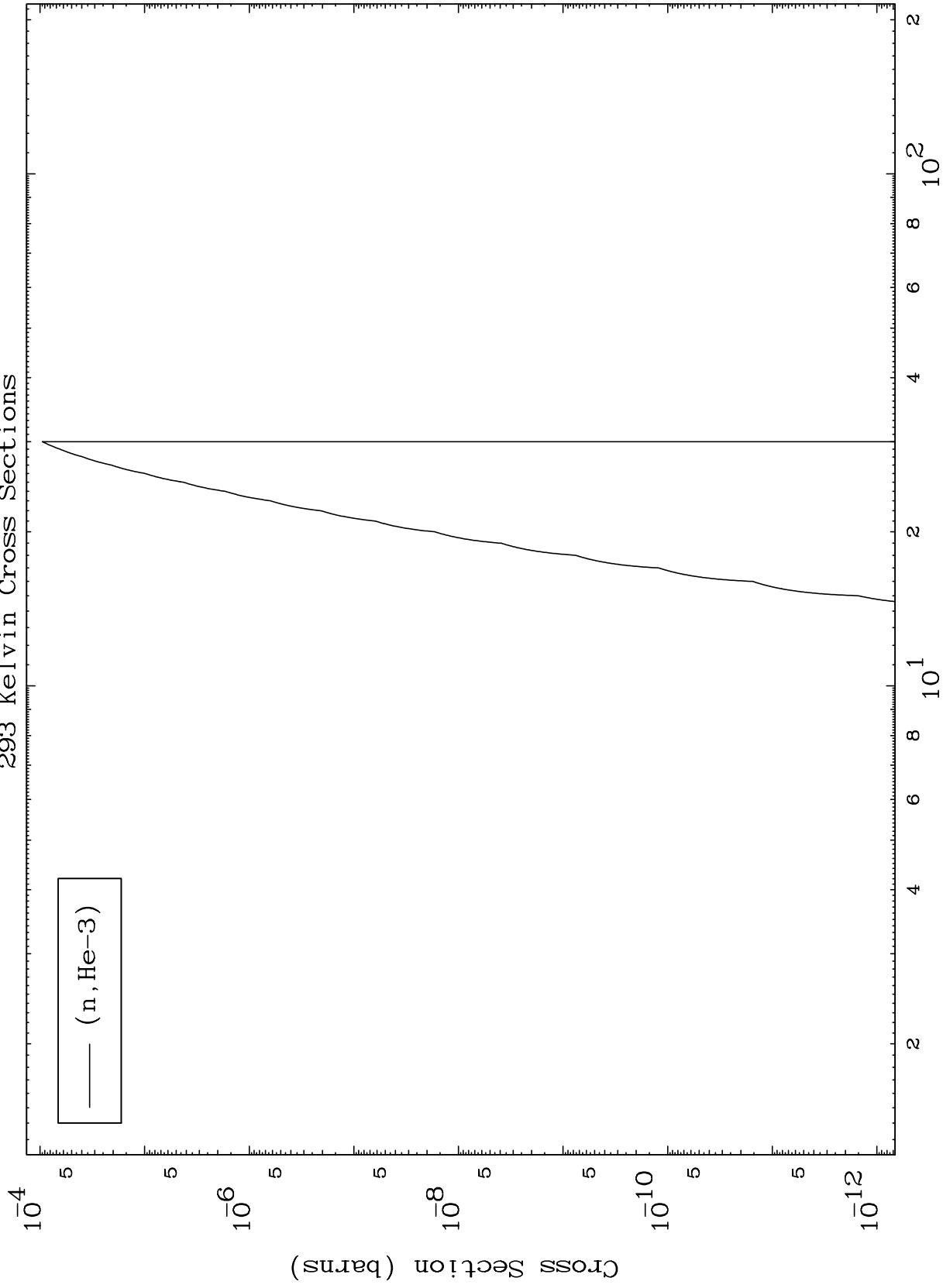
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,He3) Levels
293 Kelvin Cross Sections

96-Cm-240



13

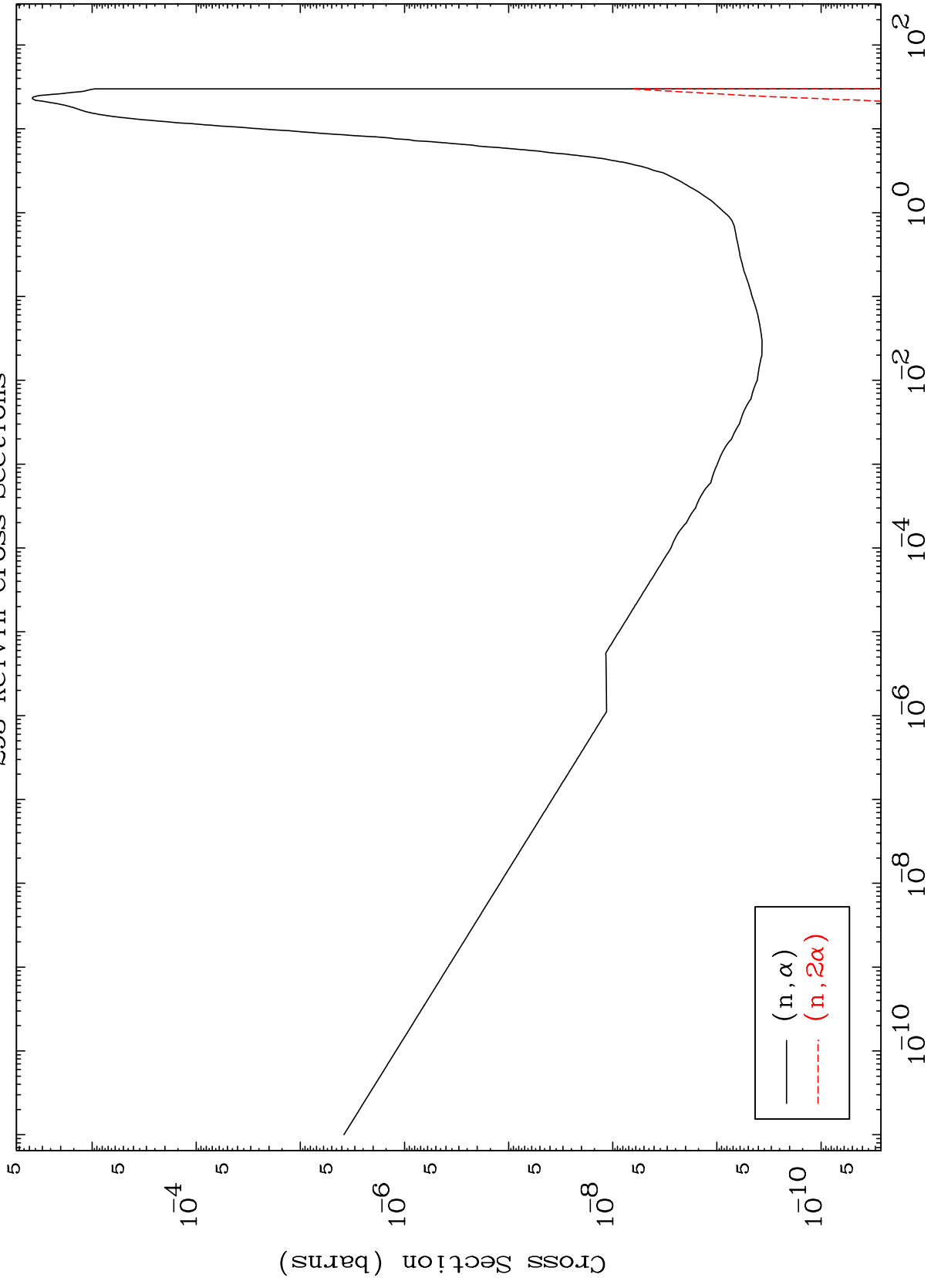
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,α) Levels
293 Kelvin Cross Sections

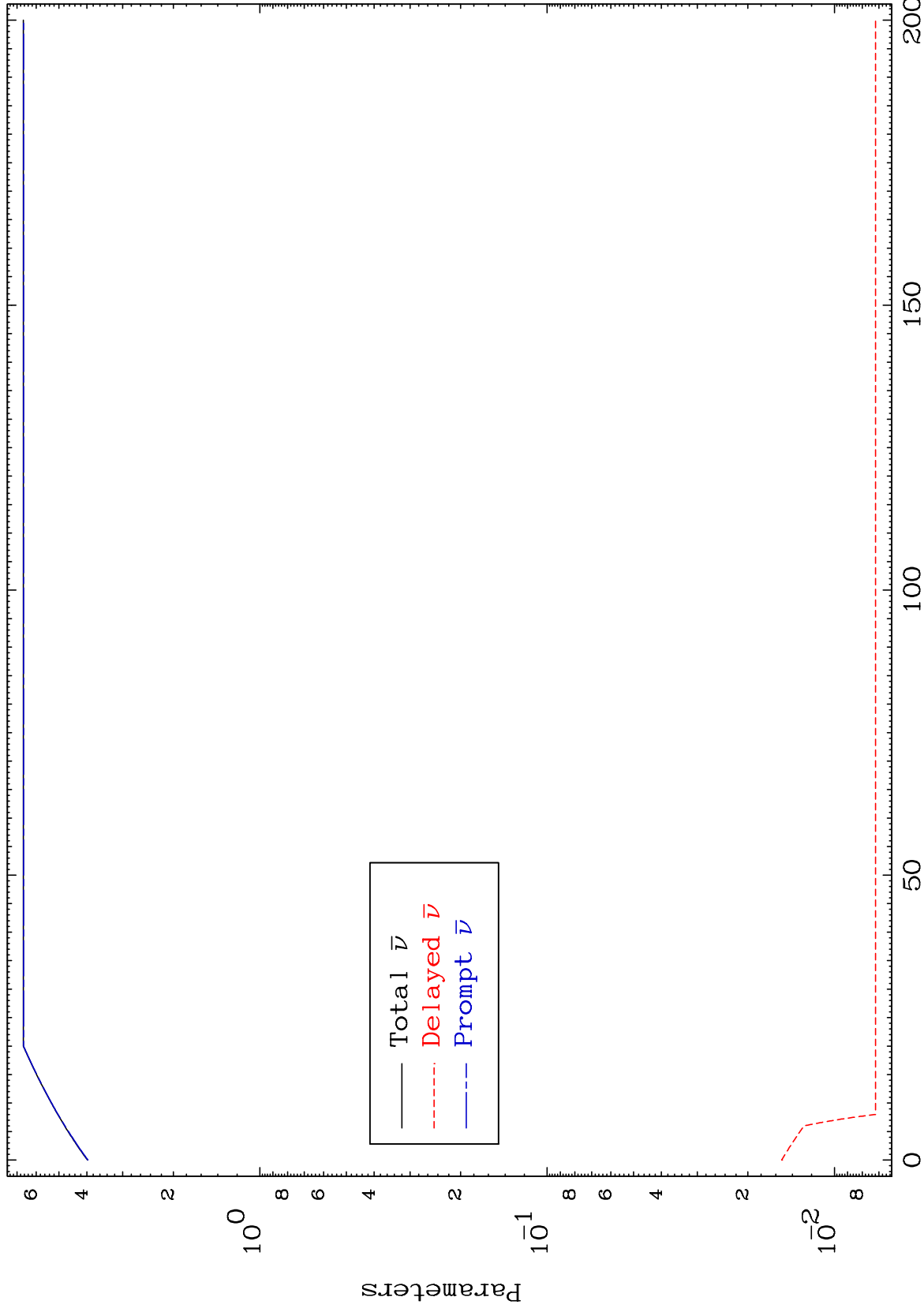
96-Cm-240



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Energy Release
Parameters

96-Cm-240



0

8

10^{-2}

2

4

6

8

10

20

40

60

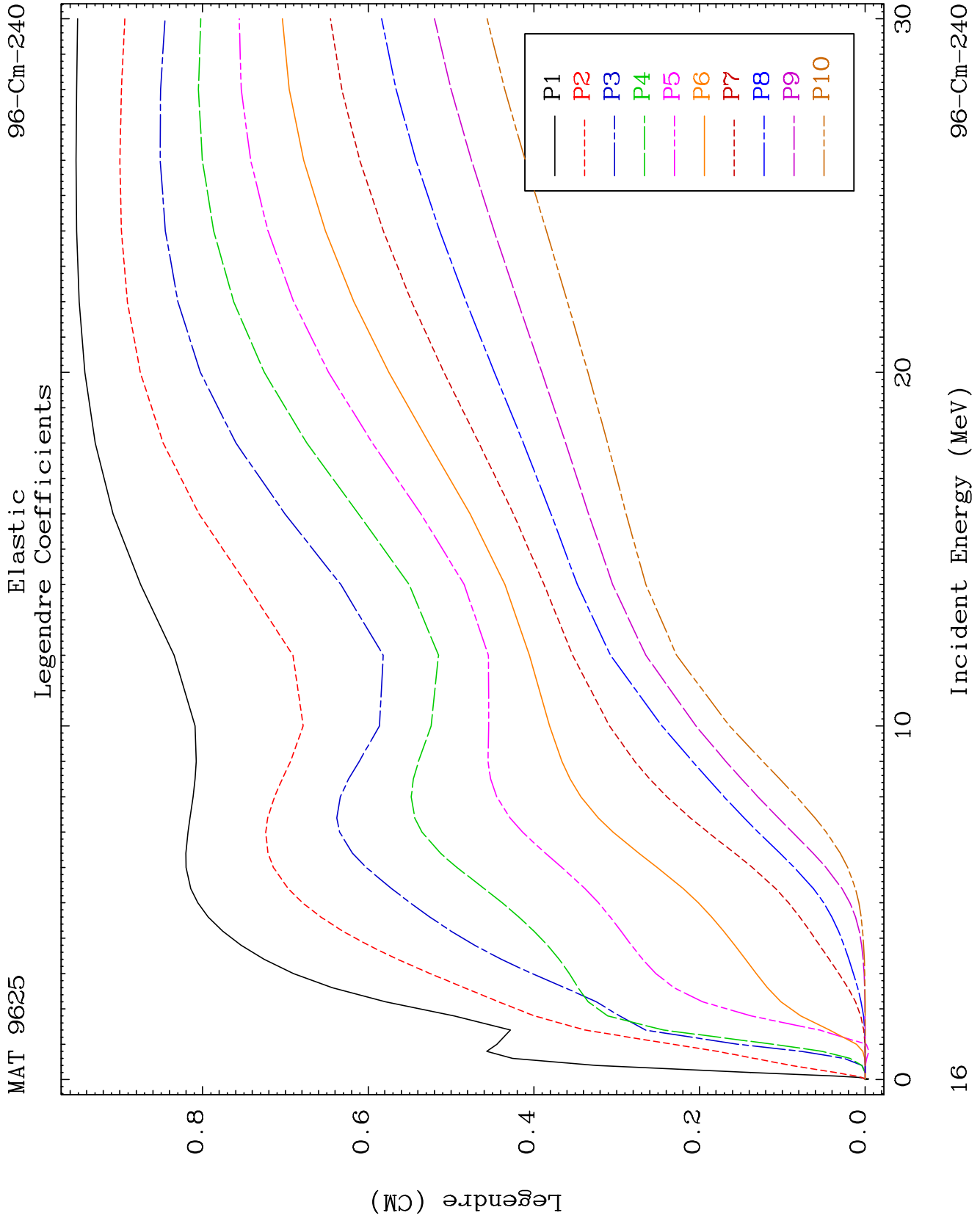
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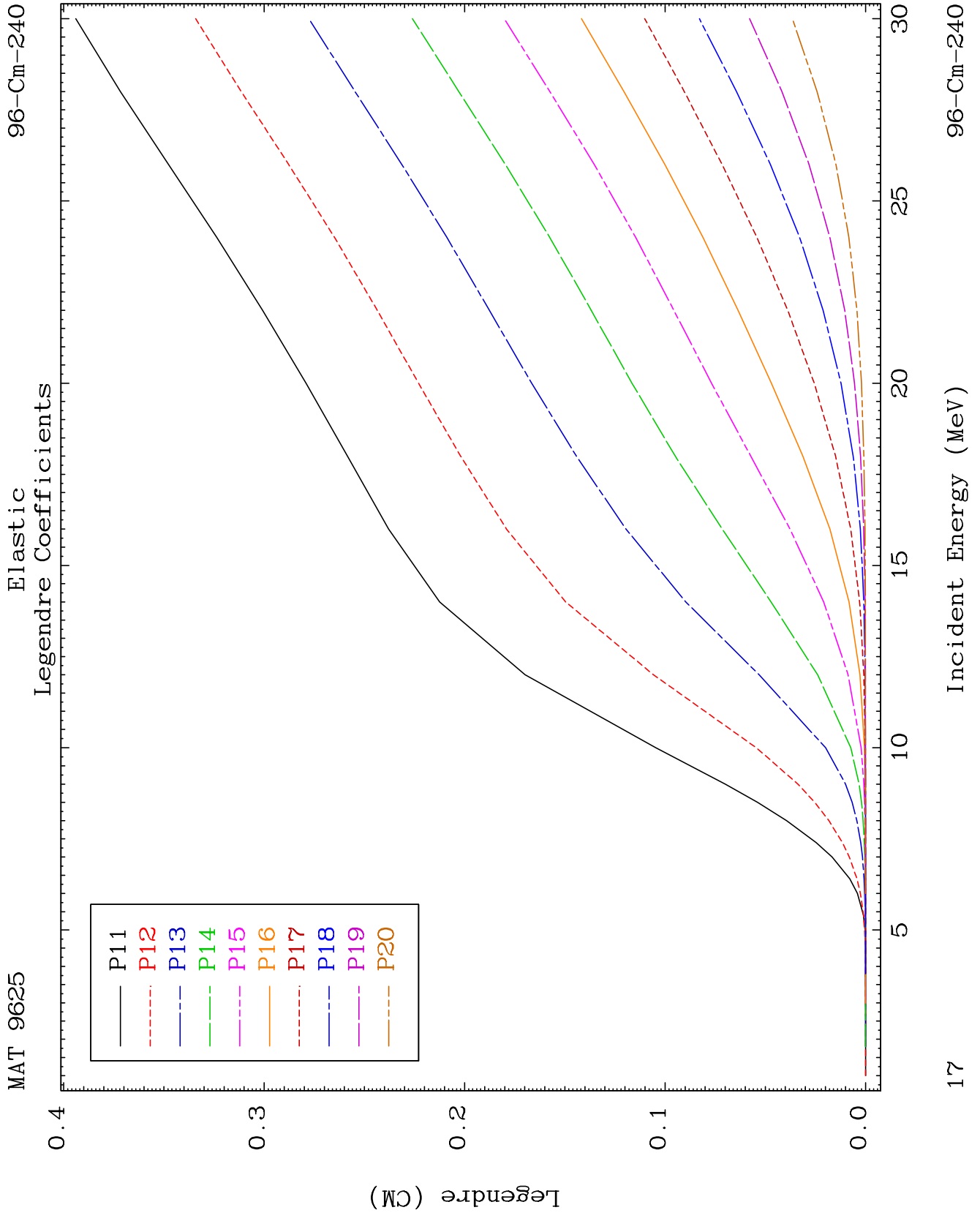
100

200

Incident Energy (MeV)

96-Cm-240

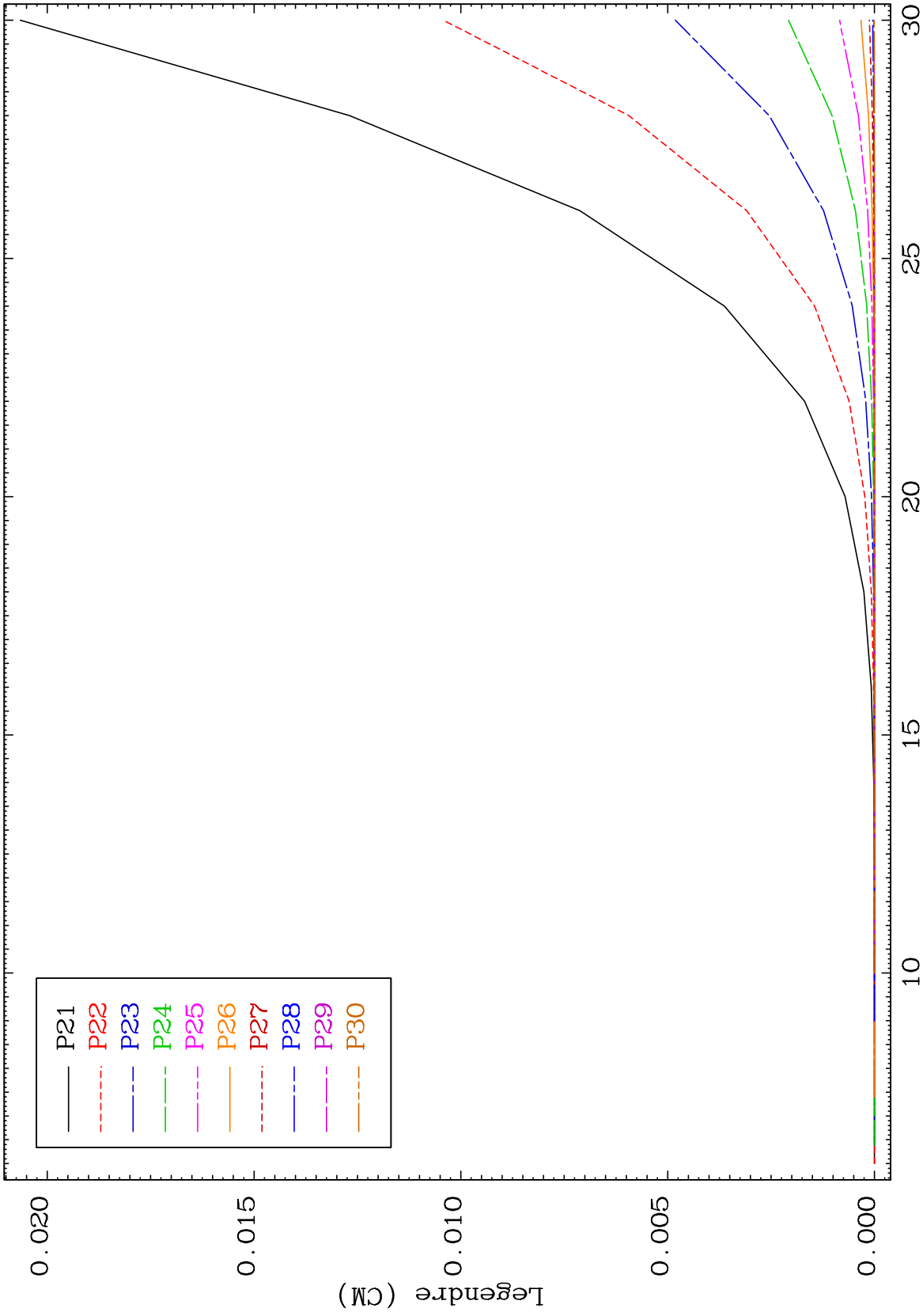




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Elastic Legendre Coefficients

96-Cm-240



18

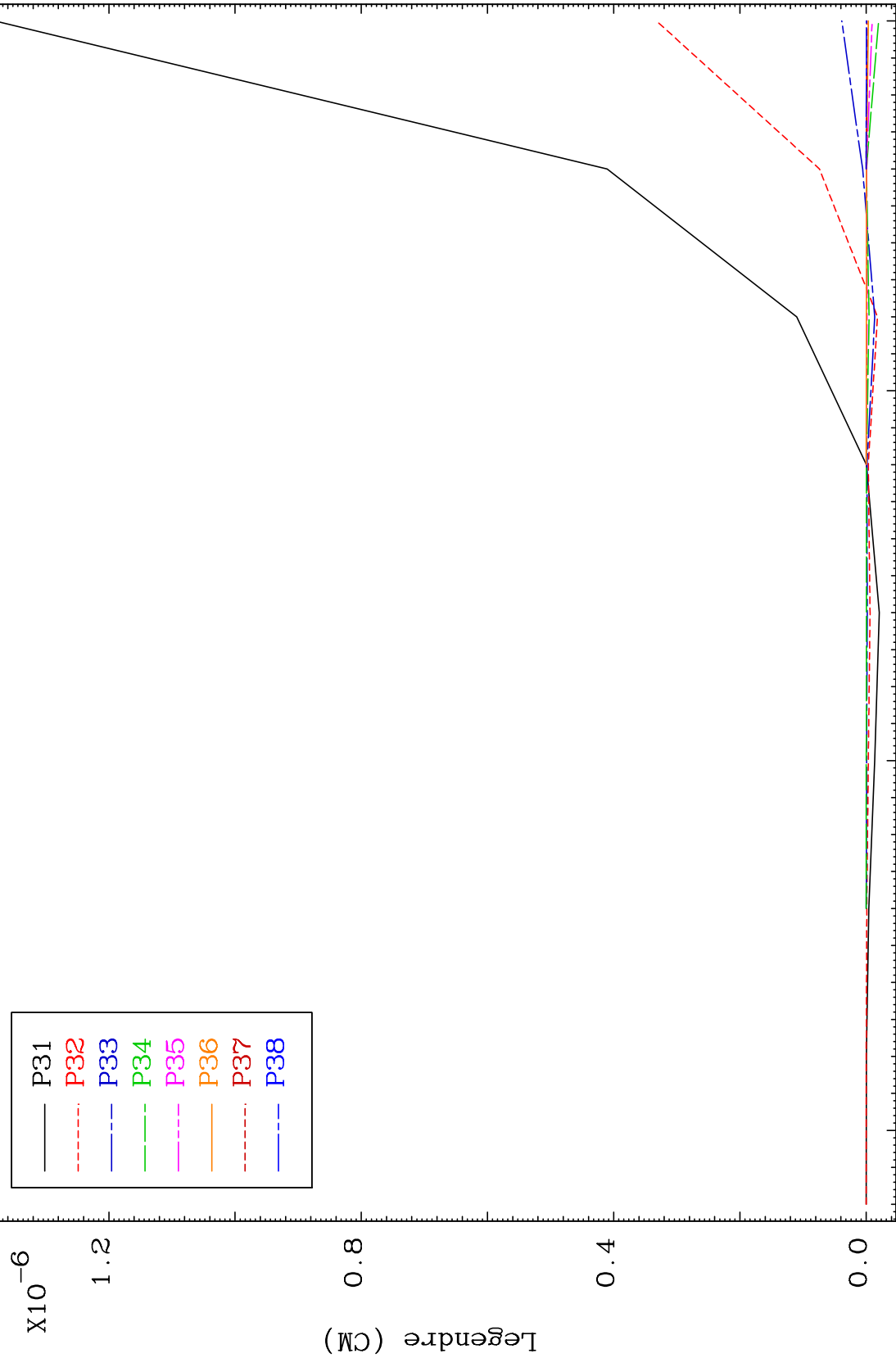
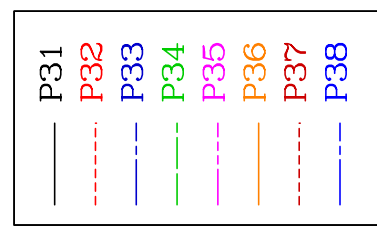
Incident Energy (MeV)

96-Cm-240

MAT 9625

Elastic Legendre Coefficients

96-Cm-240



19

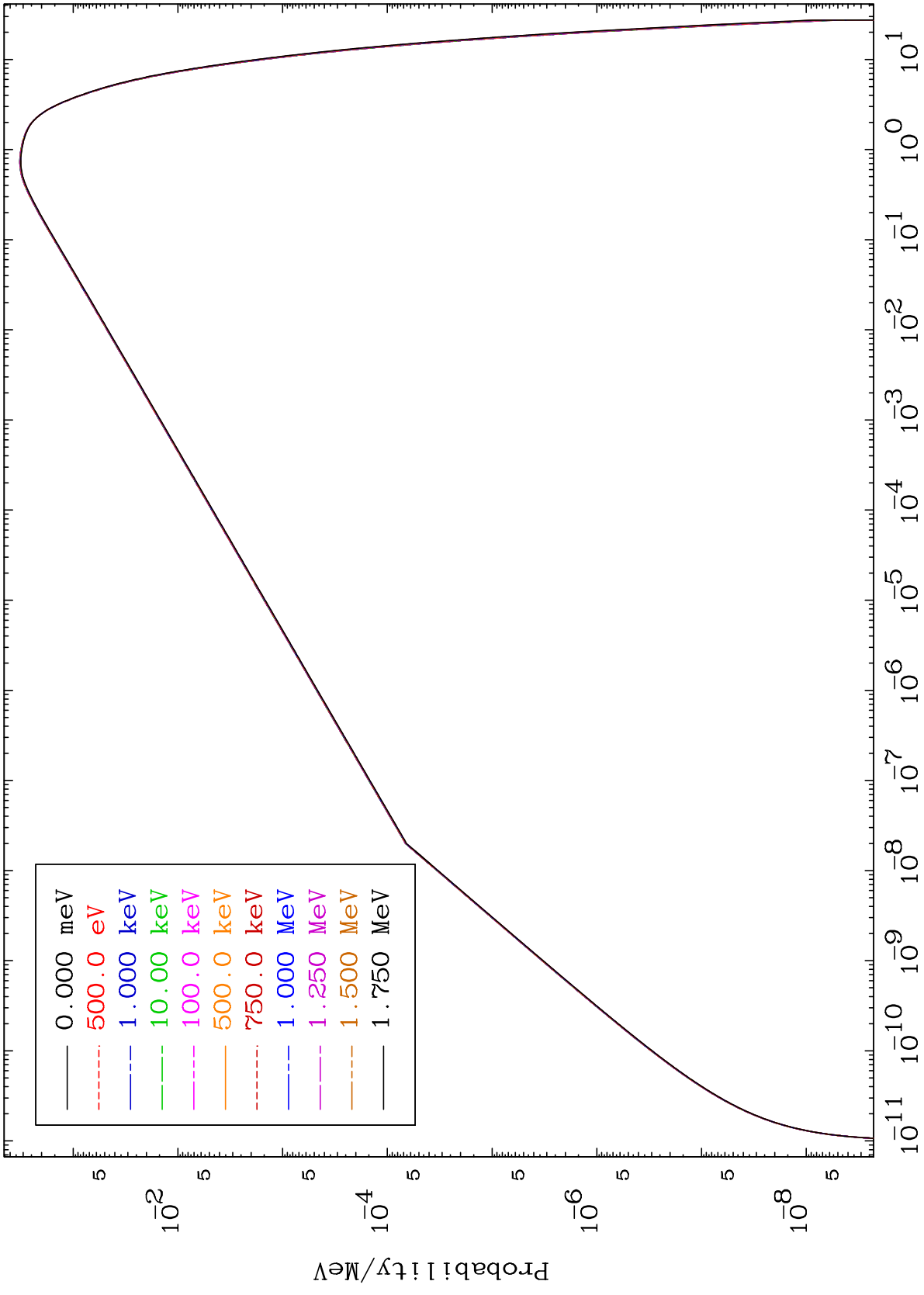
Incident Energy (MeV)

96-Cm-240

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Fission Energy Distributions

96-Cm-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

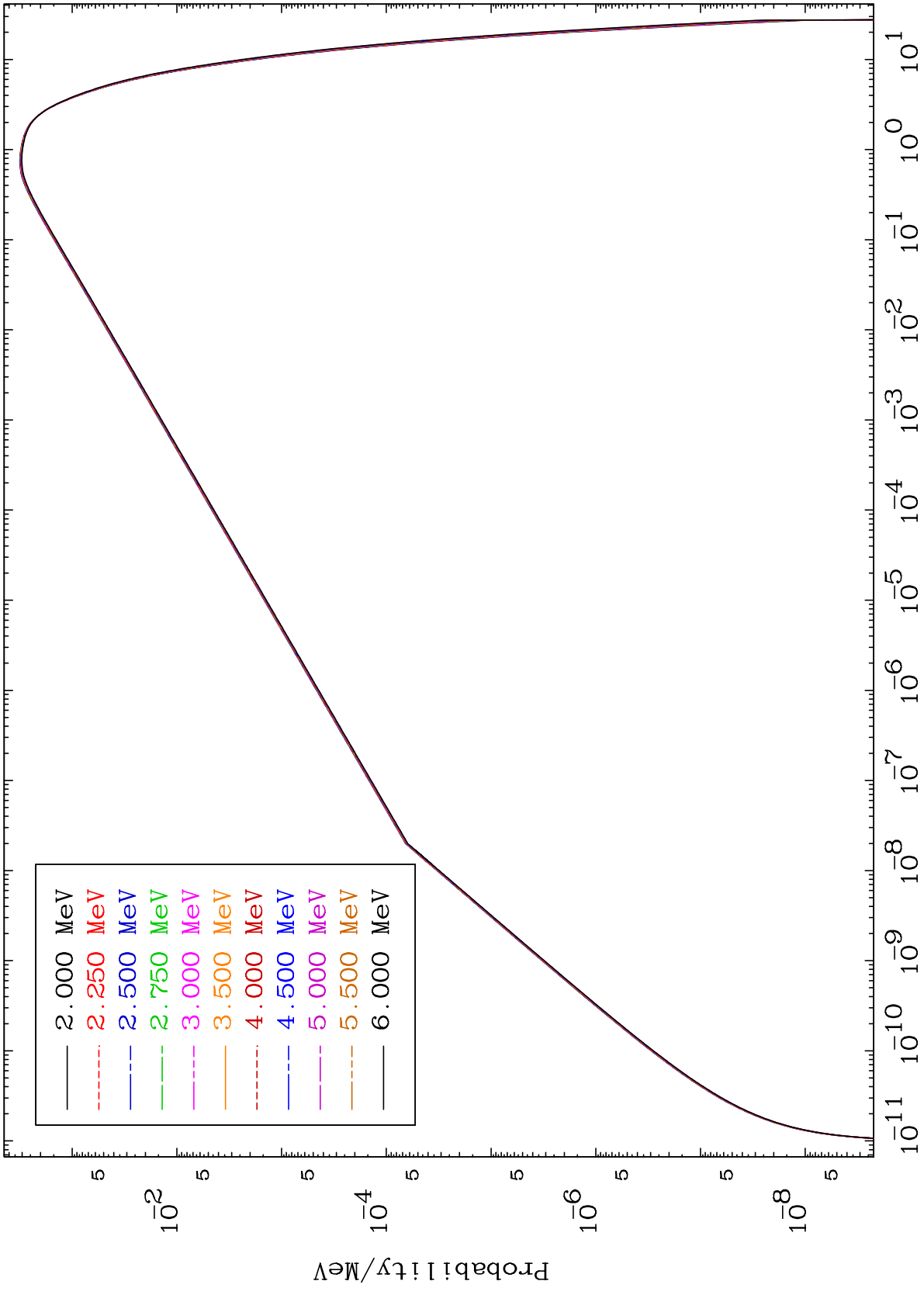
96-Cm-240

Secondary Energy (MeV)

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Fission Energy Distributions

96-Cm-240

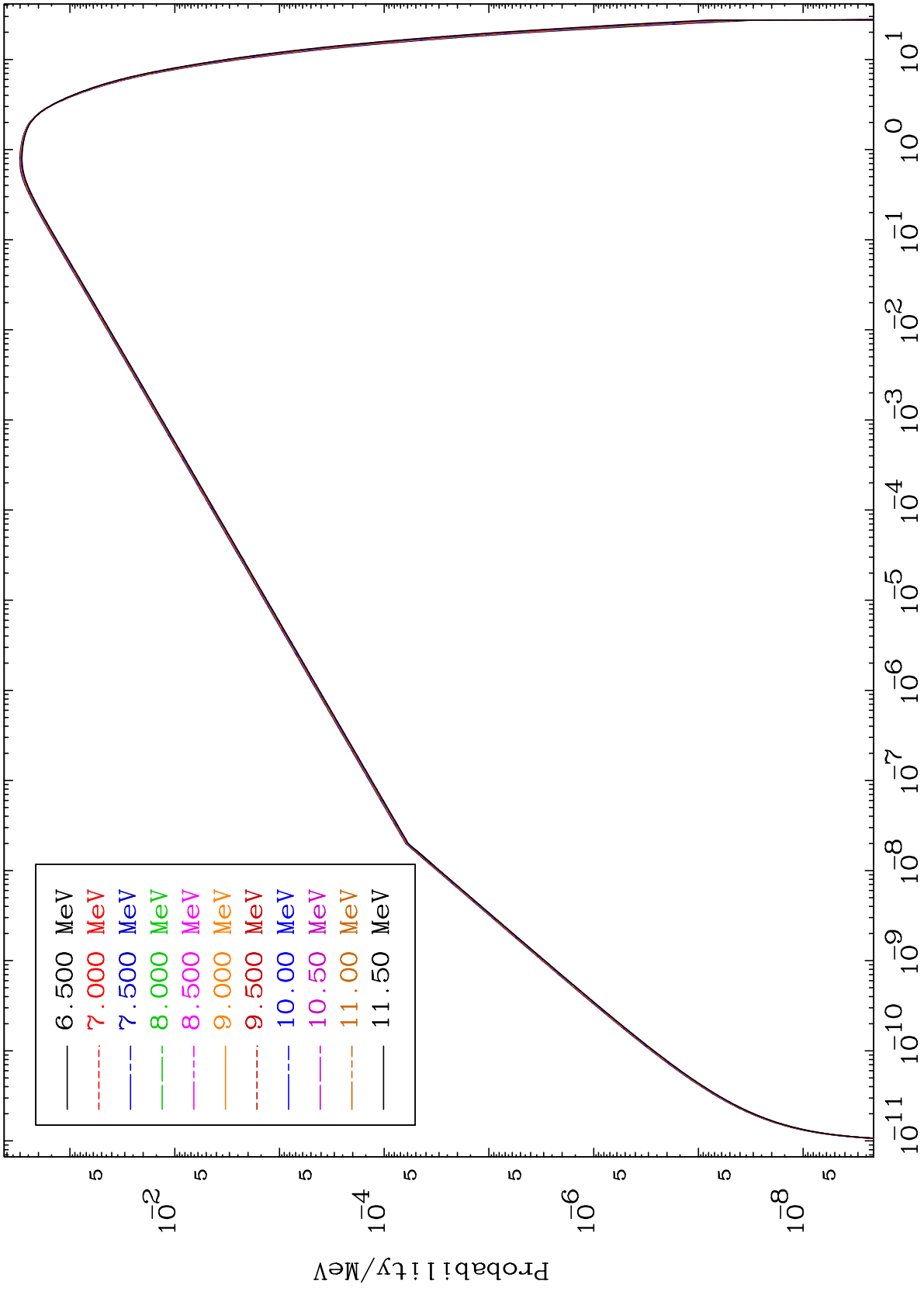


96-Cm-240

MAT 9625

Fission Energy Distributions

96-Cm-240



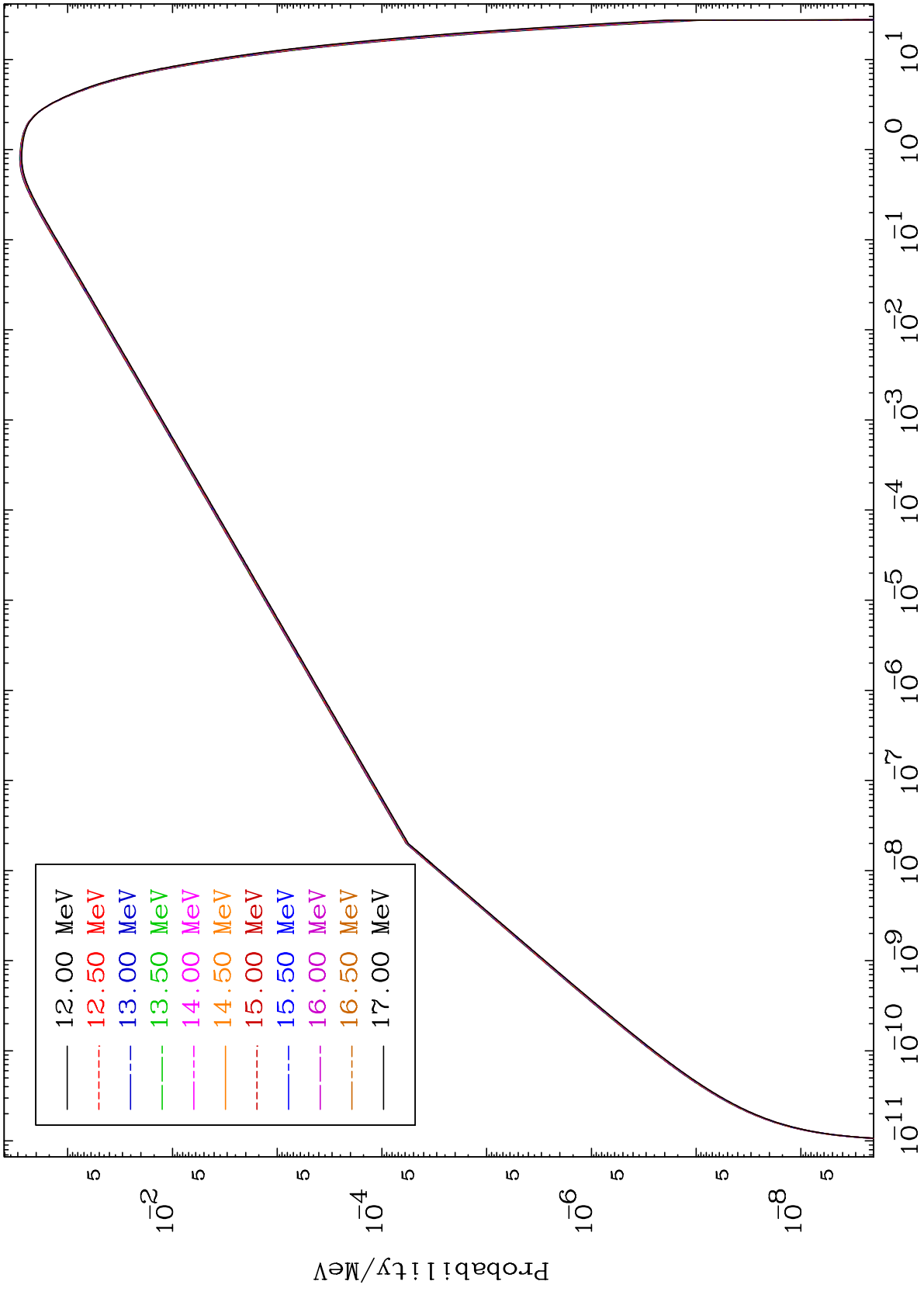
96-Cm-240

Secondary Energy (MeV)

MAT 9625

Fission Energy Distributions

96-Cm-240

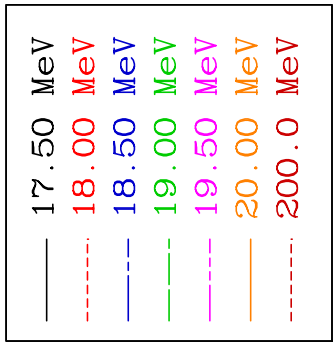
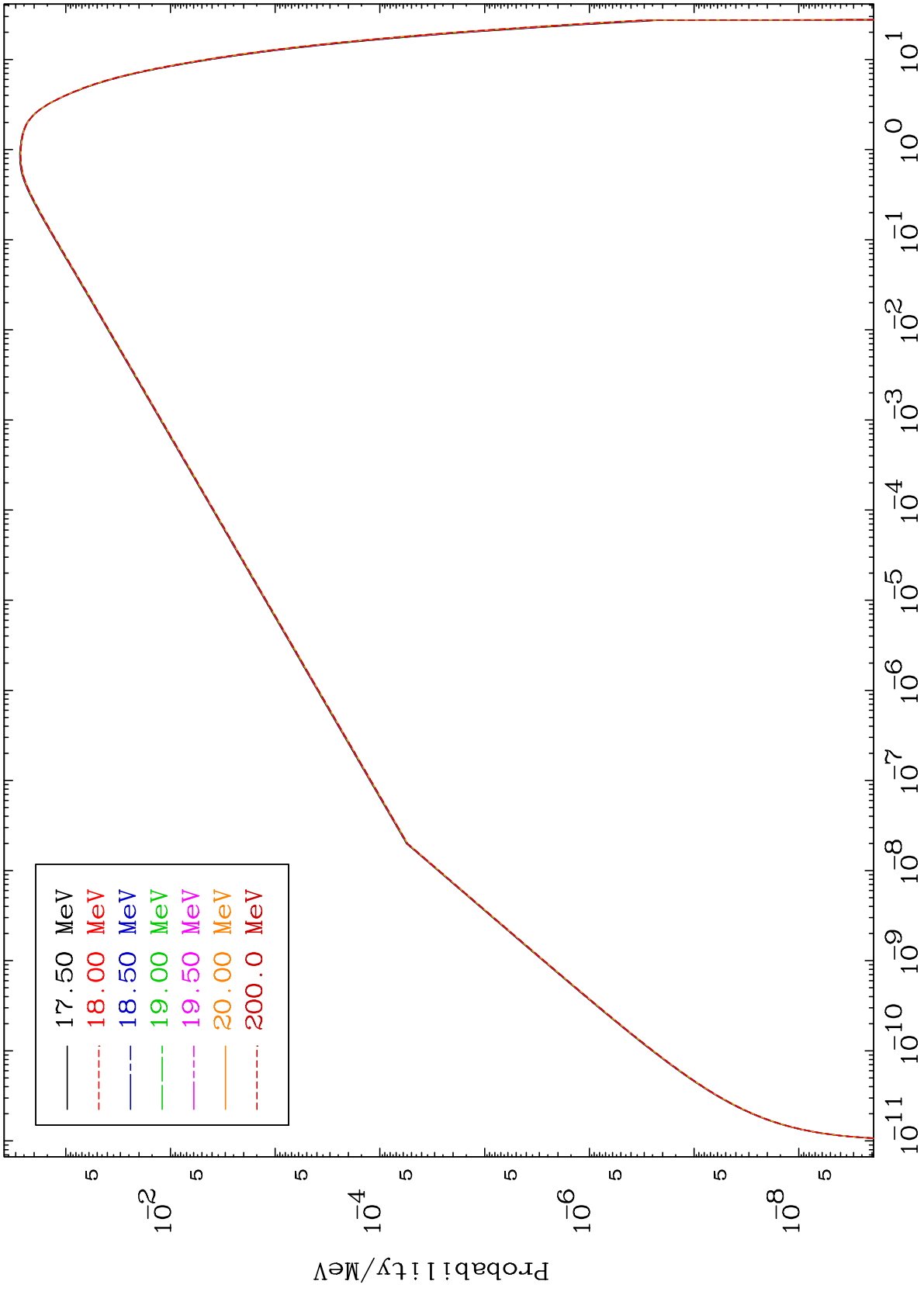


96-Cm-240

MAT 9625

Fission Energy Distributions

96-Cm-240

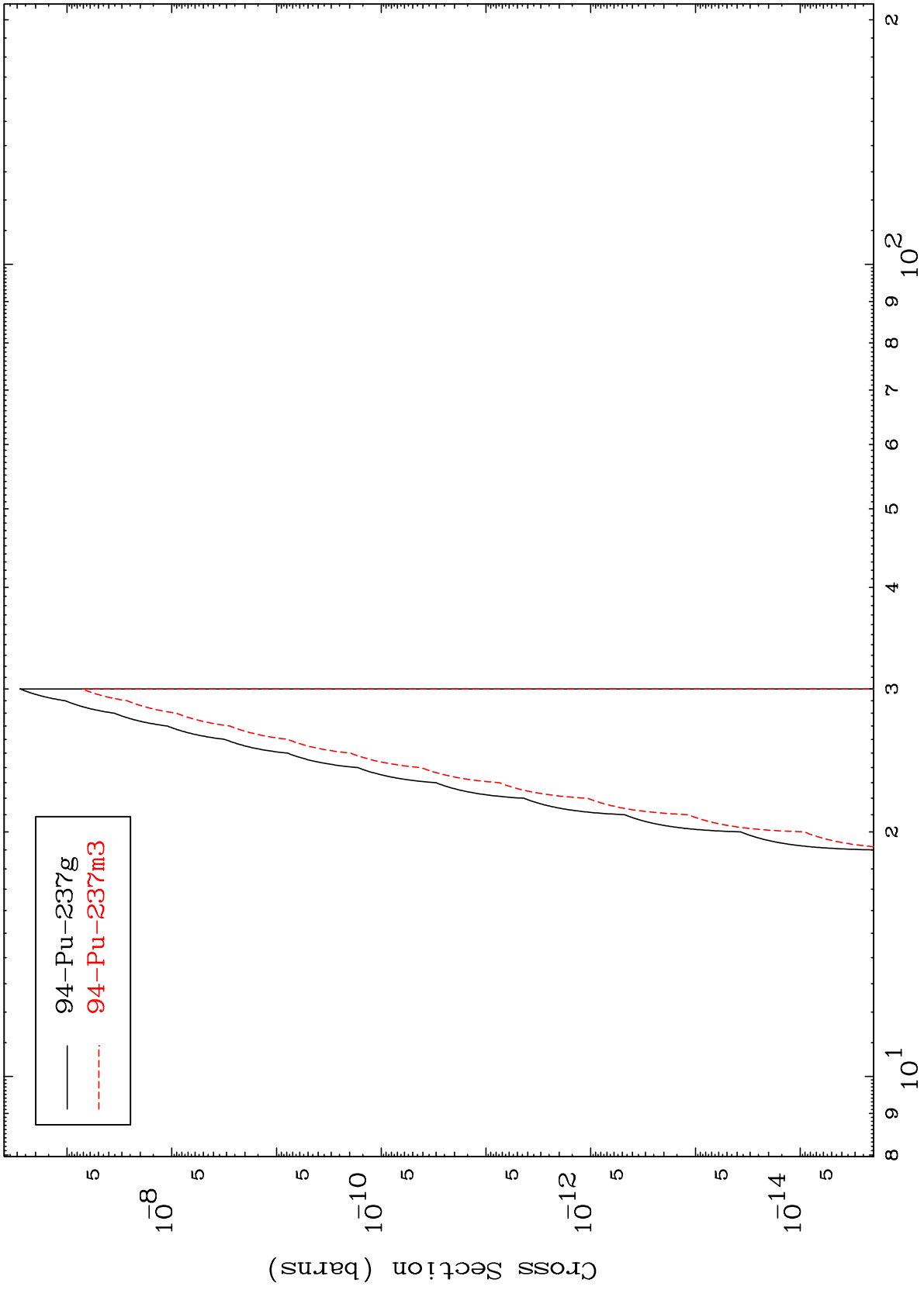


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(n, n') He-3

96-Cm-240

Radionuclide Production Cross Section



25

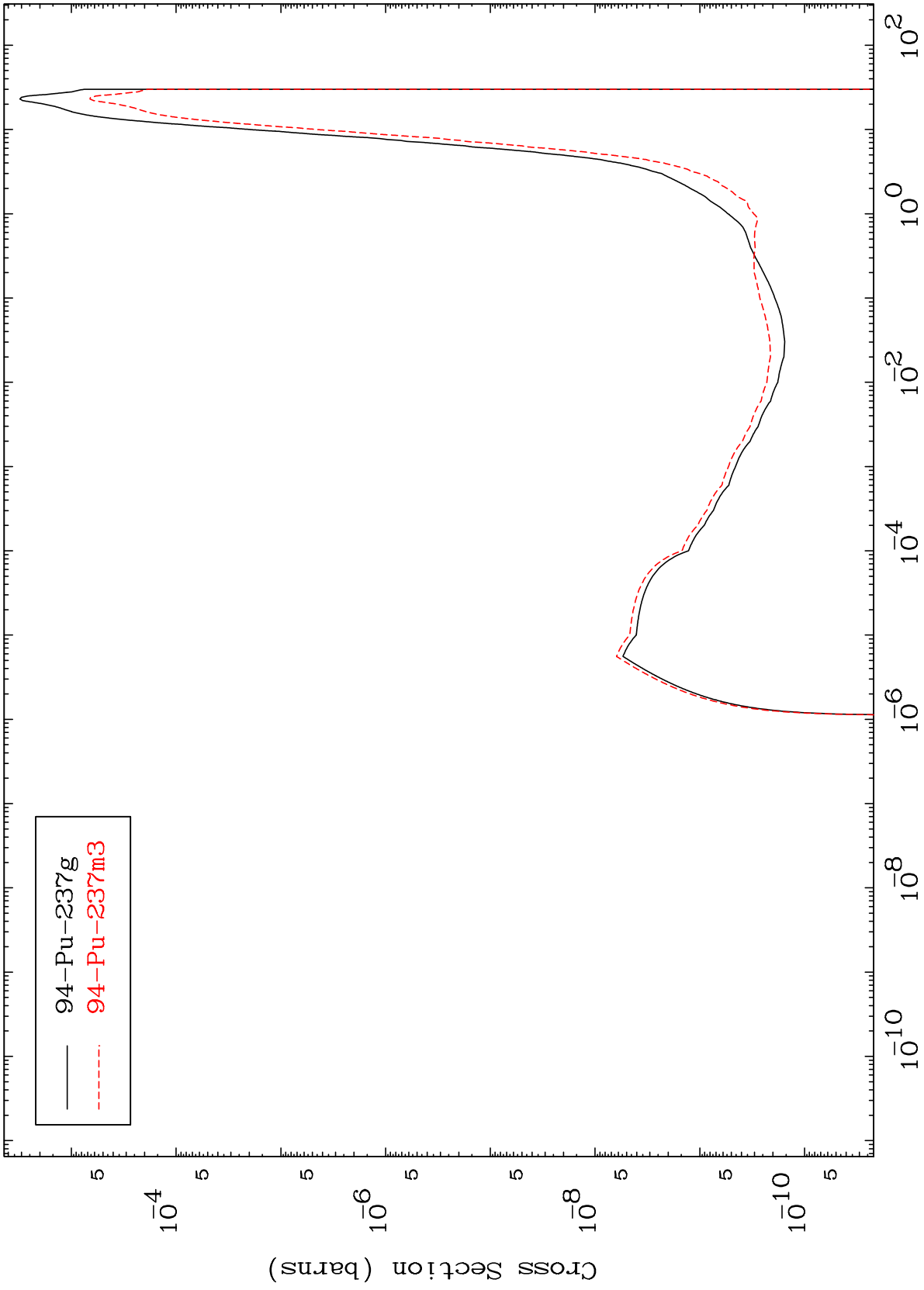
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n, α)
Radionuclide Production Cross Section

96-Cm-240



26

96-Cm-240

