

Program EVALPLOT
(Version 2021-1)

by

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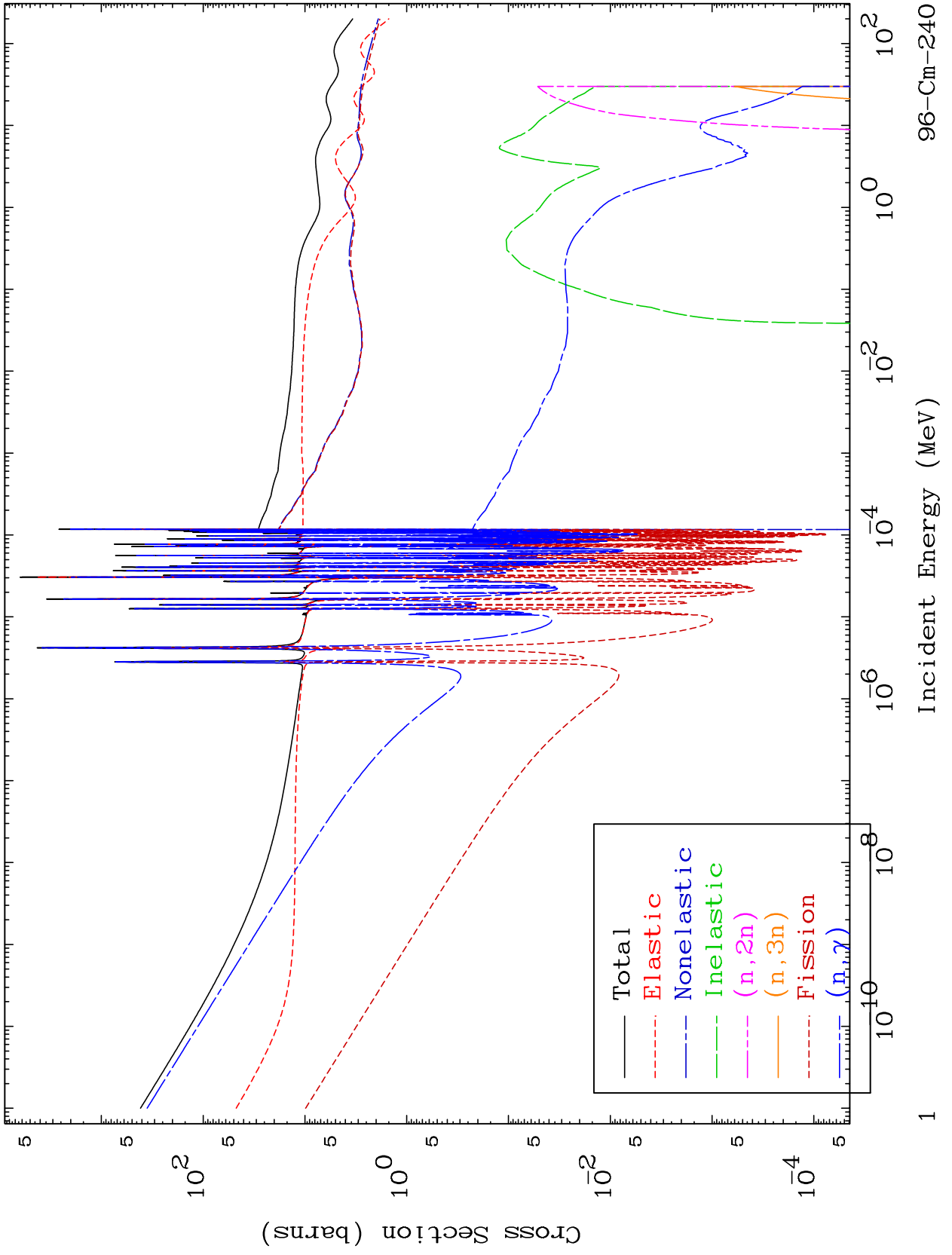
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Press Mouse Button to Start

MAT 9625

Neutron Major
293 Kelvin Cross Sections

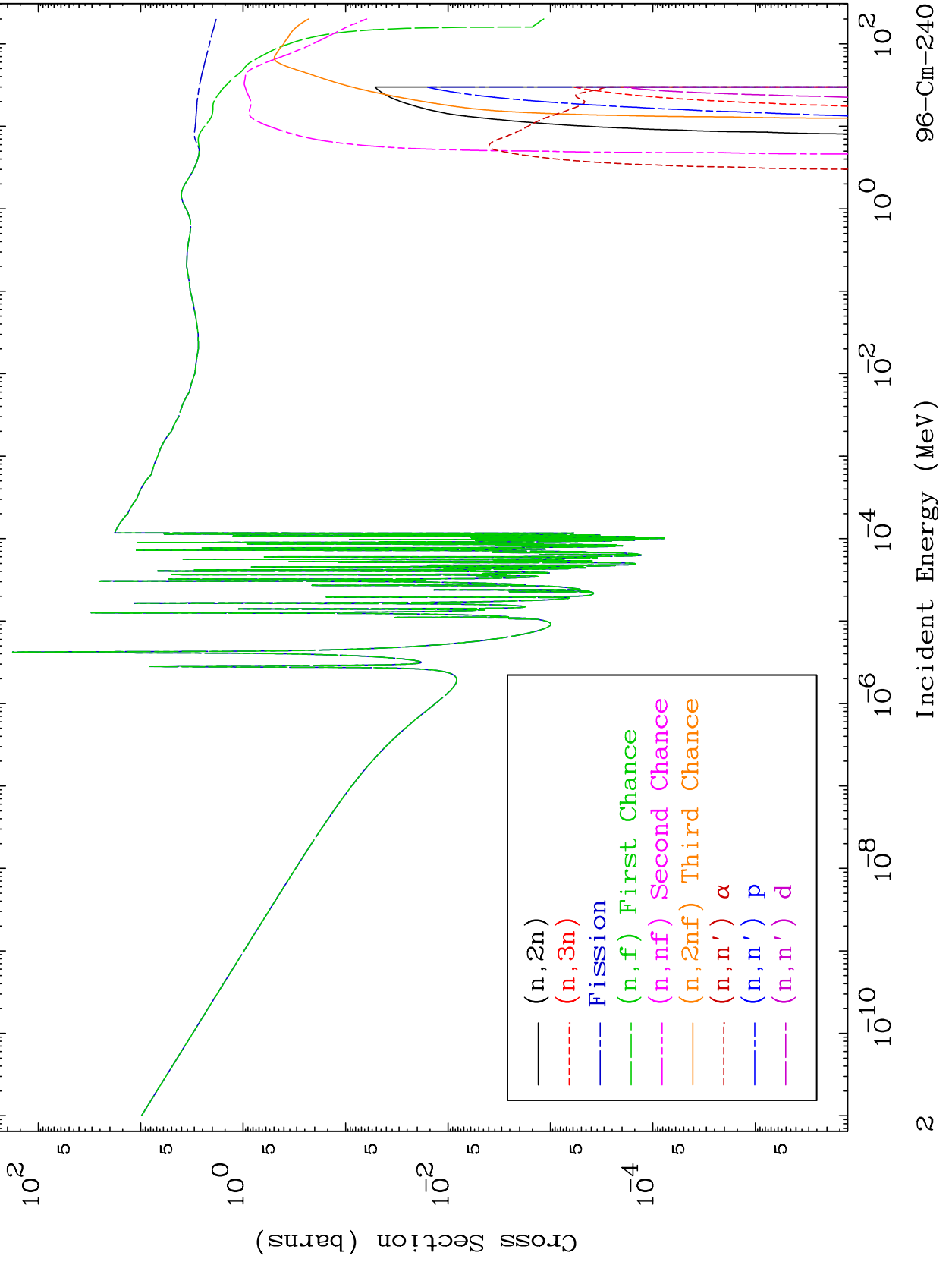
96-Cm-240



MAT 9625

Neutron Absorption
293 Kelvin Cross Sections

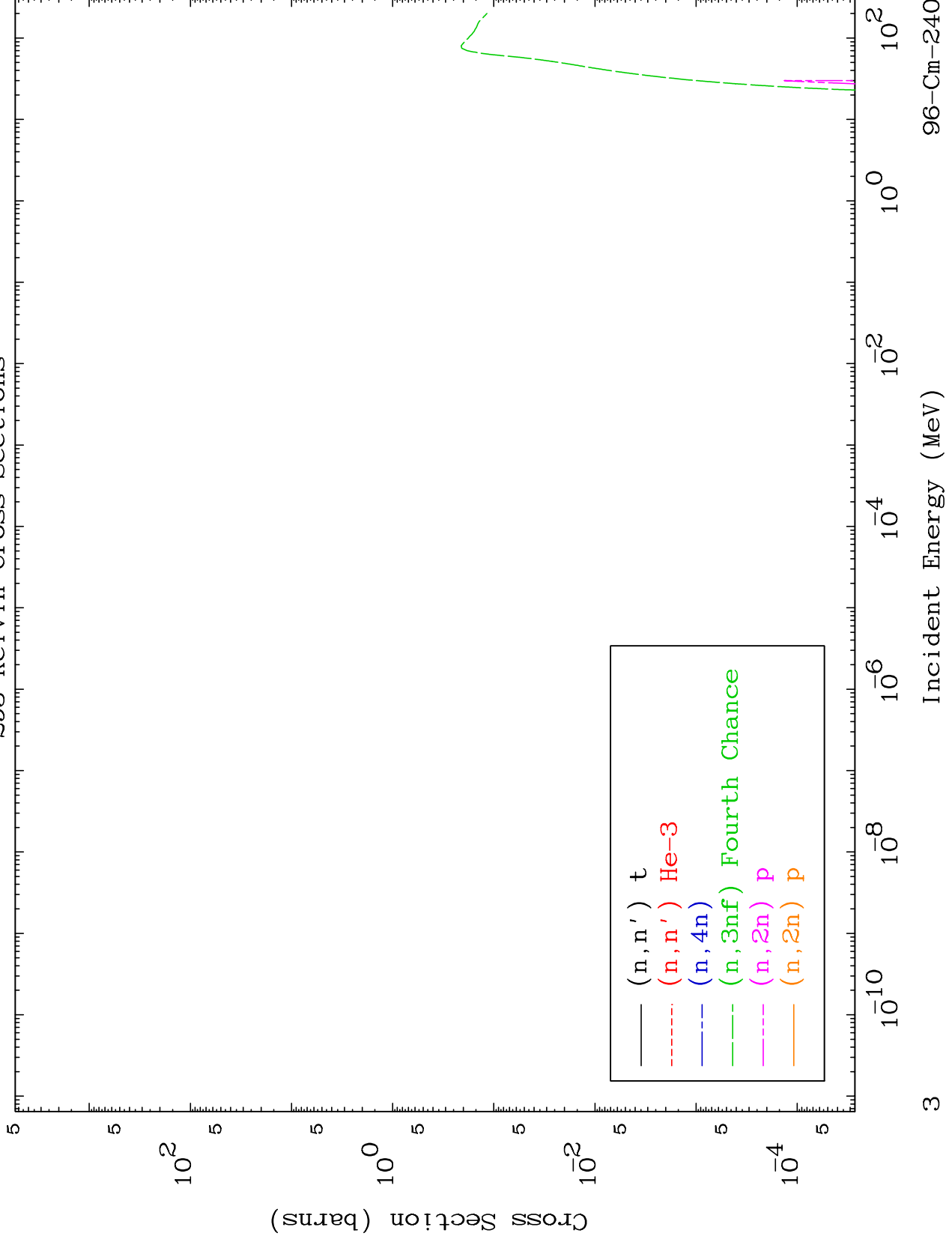
96-Cm-240



MAT 9625

Neutron Absorption
293 Kelvin Cross Sections

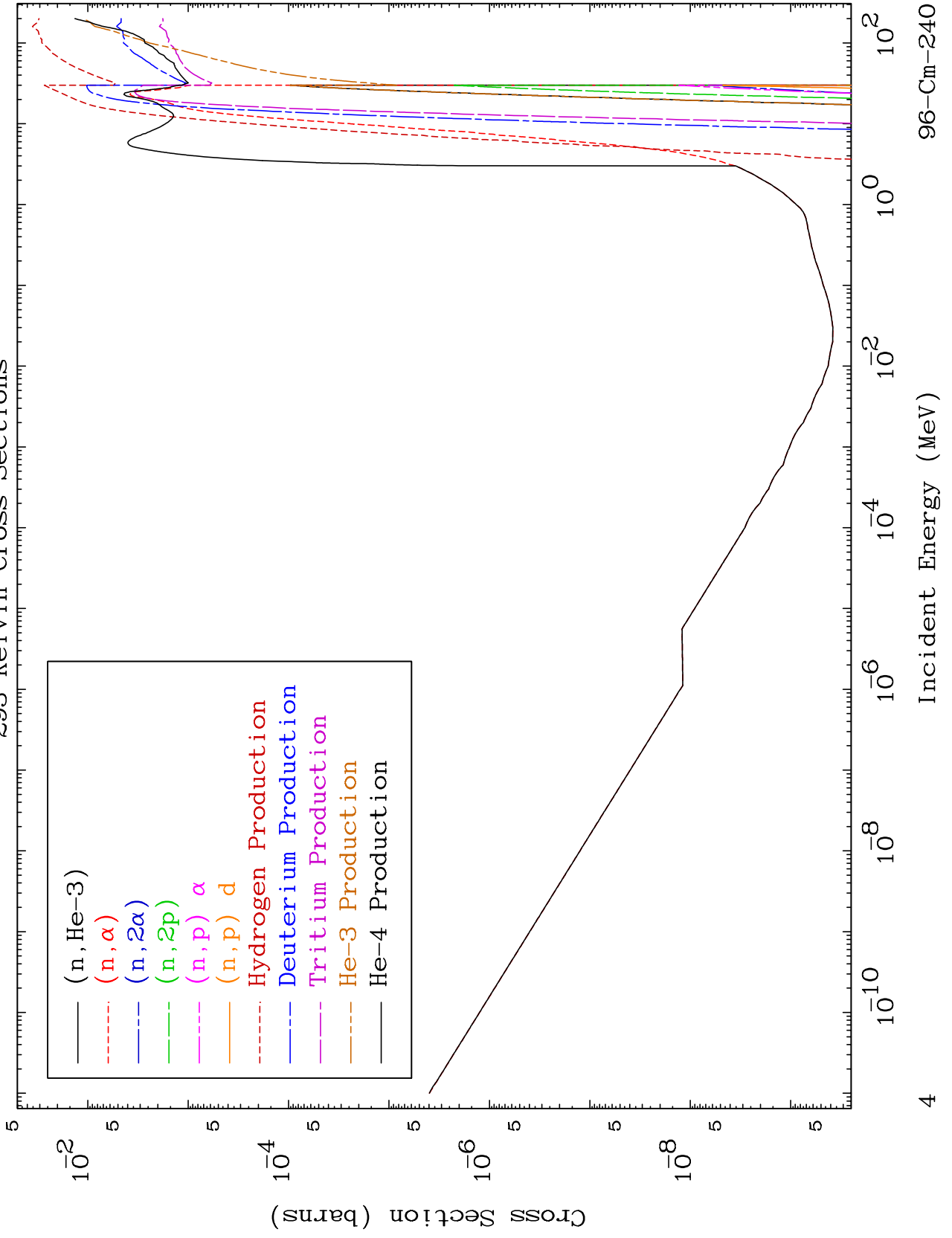
96-Cm-240



MAT 9625

Neutron Absorption
293 Kelvin Cross Sections

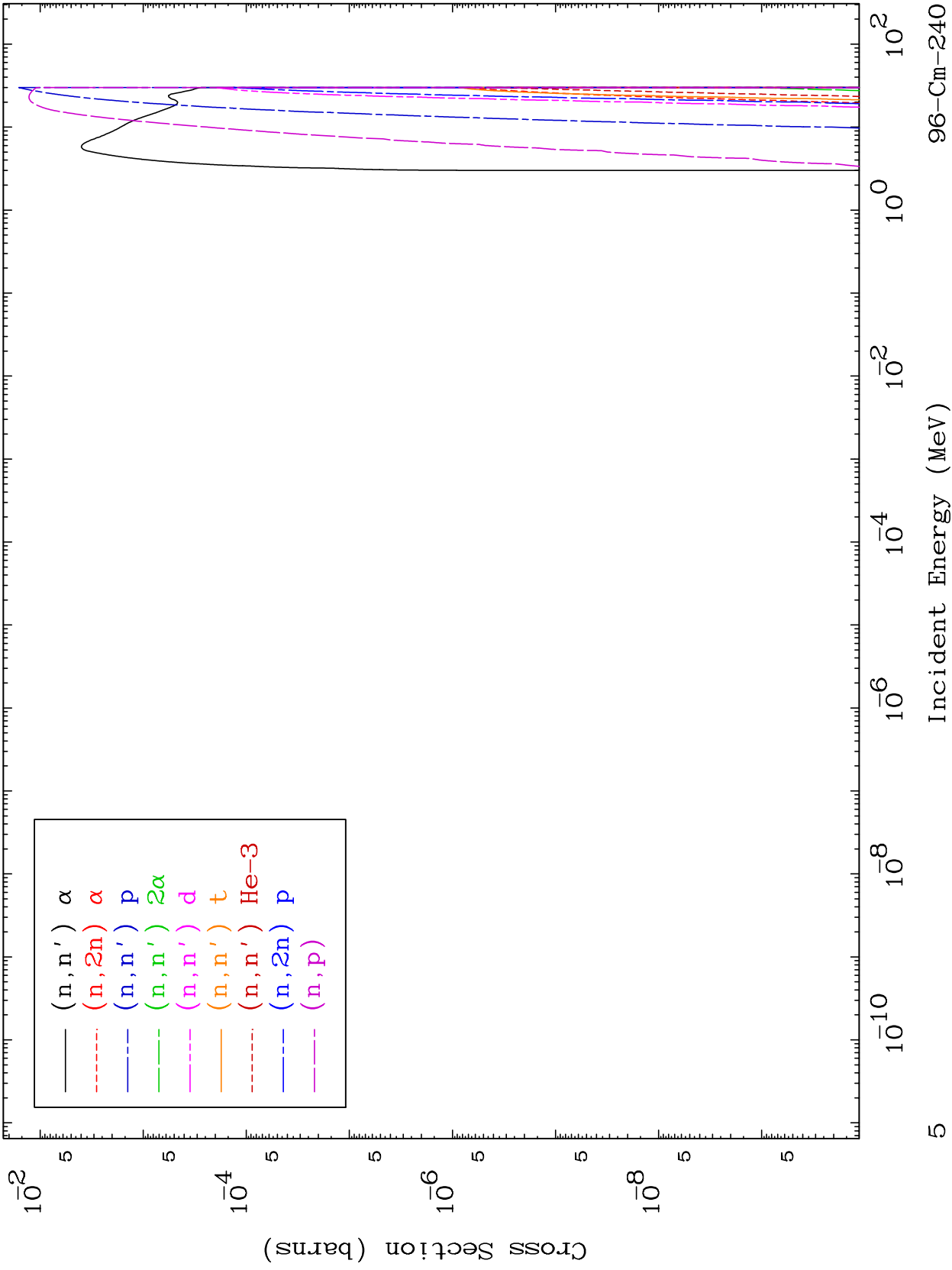
96-Cm-240



MAT 9625

Charged Particle
293 Kelvin Cross Sections

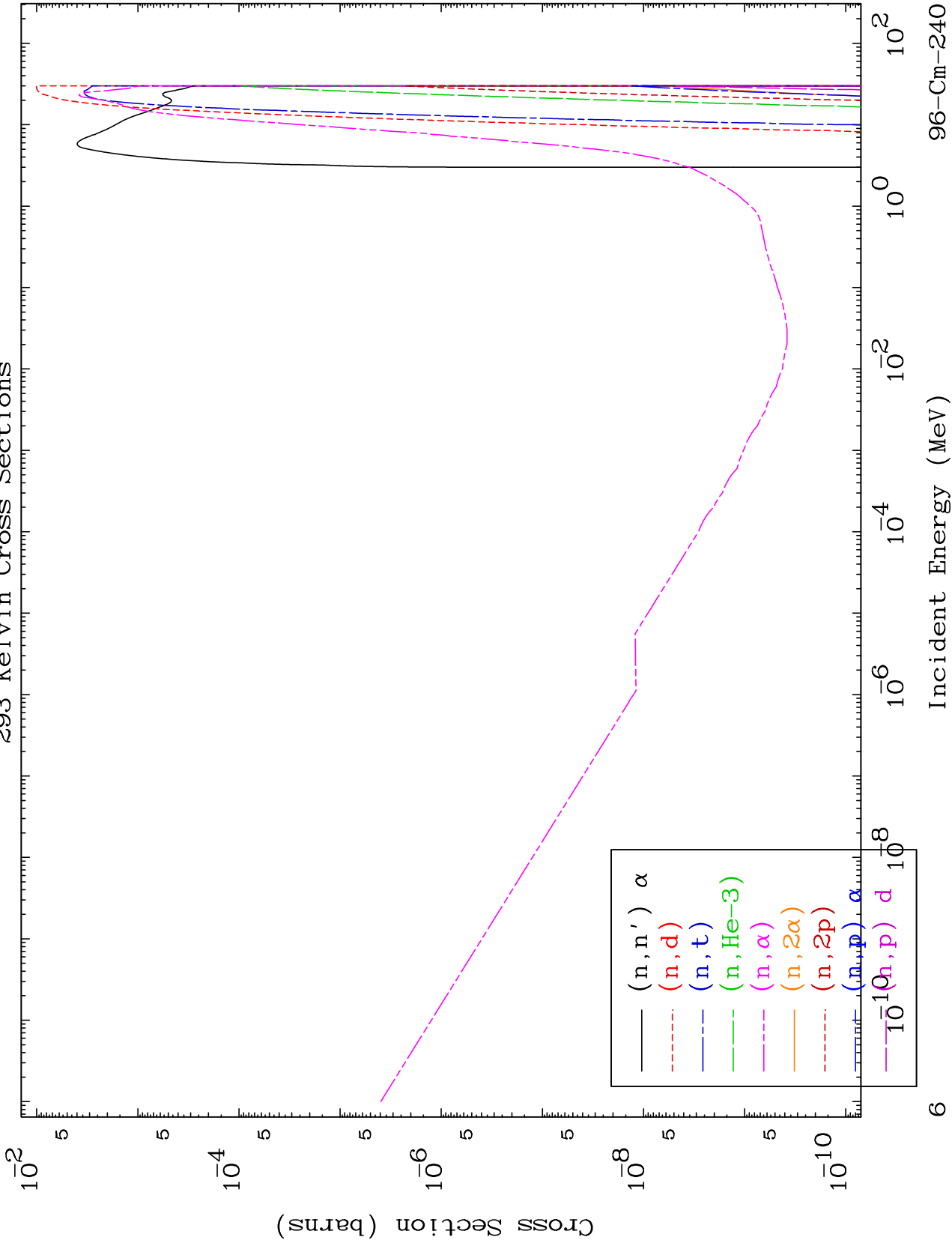
96-Cm-240



MAT 9625

Charged Particle
293 Kelvin Cross Sections

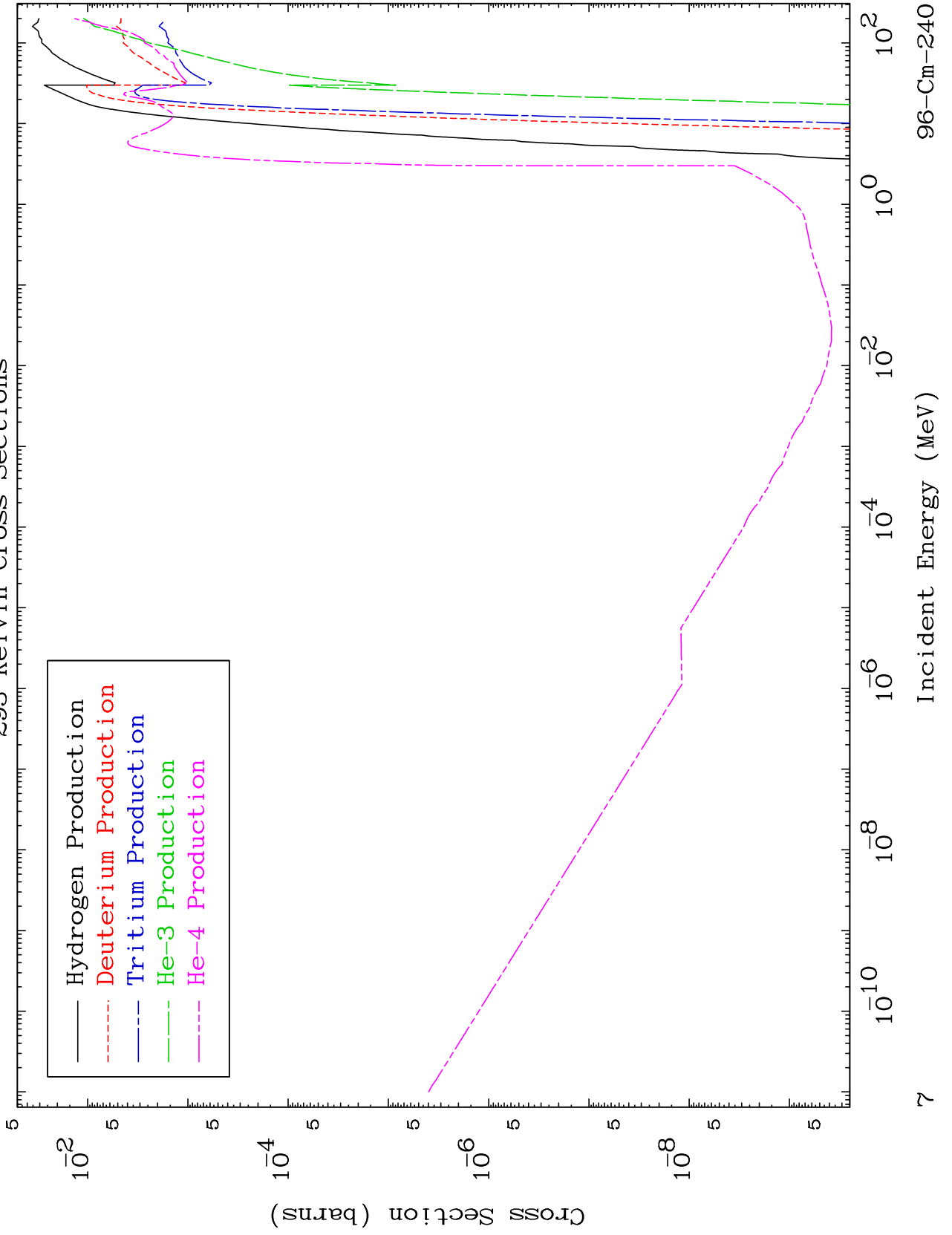
96-Cm-240



MAT 9625

Particle Production
293 Kelvin Cross Sections

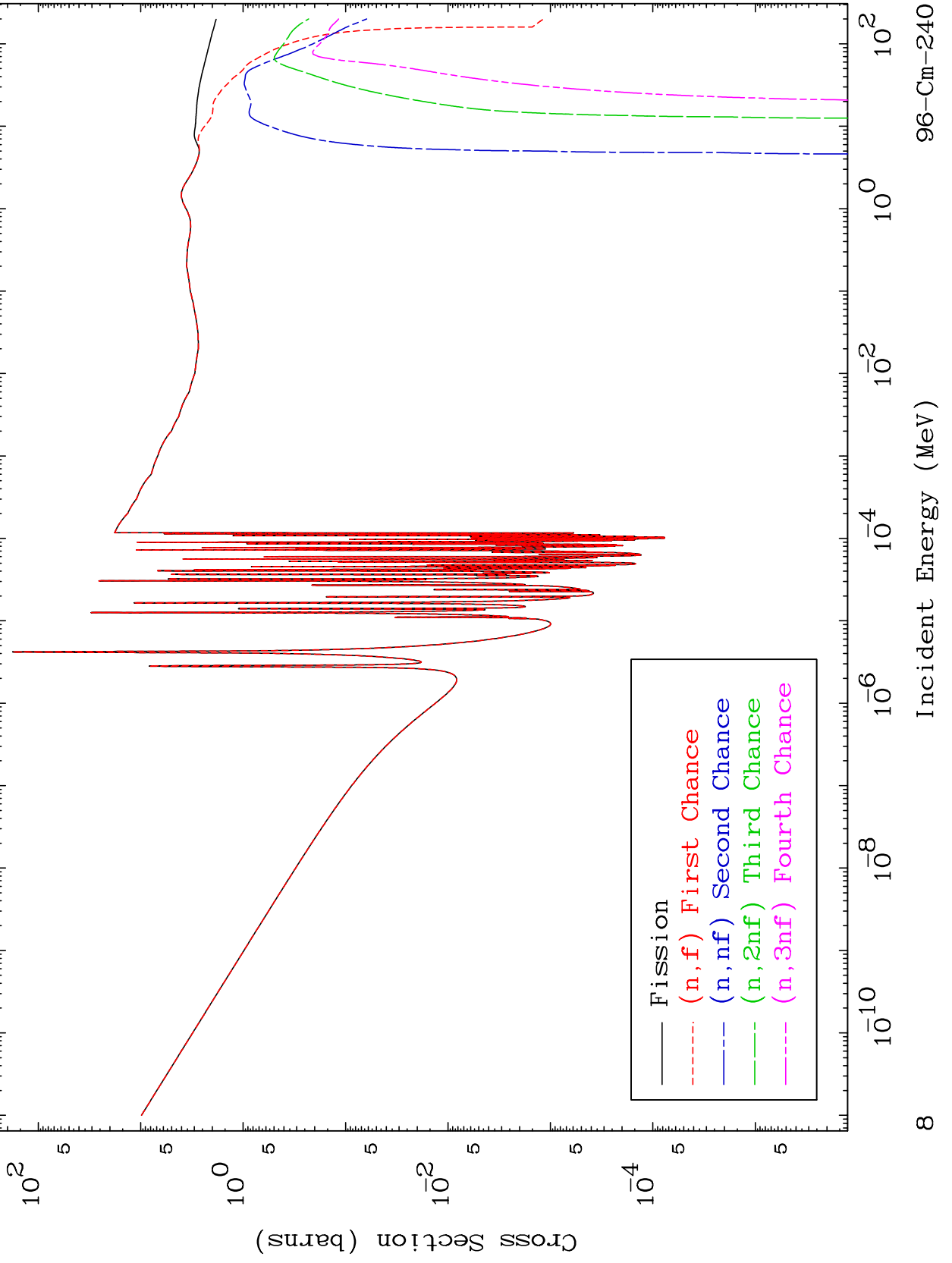
96-Cm-240



MAT 9625

Fission
293 Kelvin Cross Sections

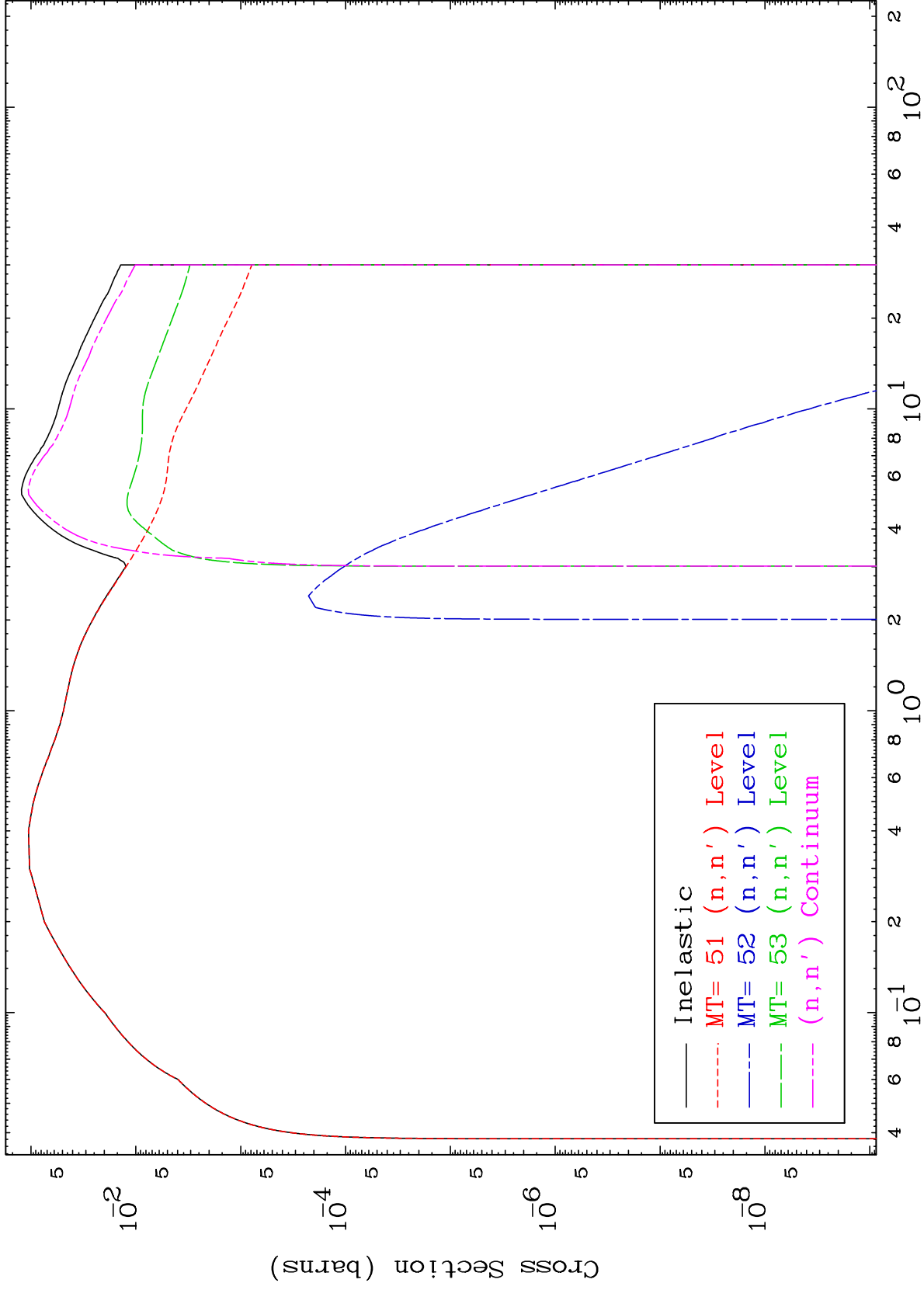
96-Cm-240



MAT 9625

(n,n') Levels
293 Kelvin Cross Sections

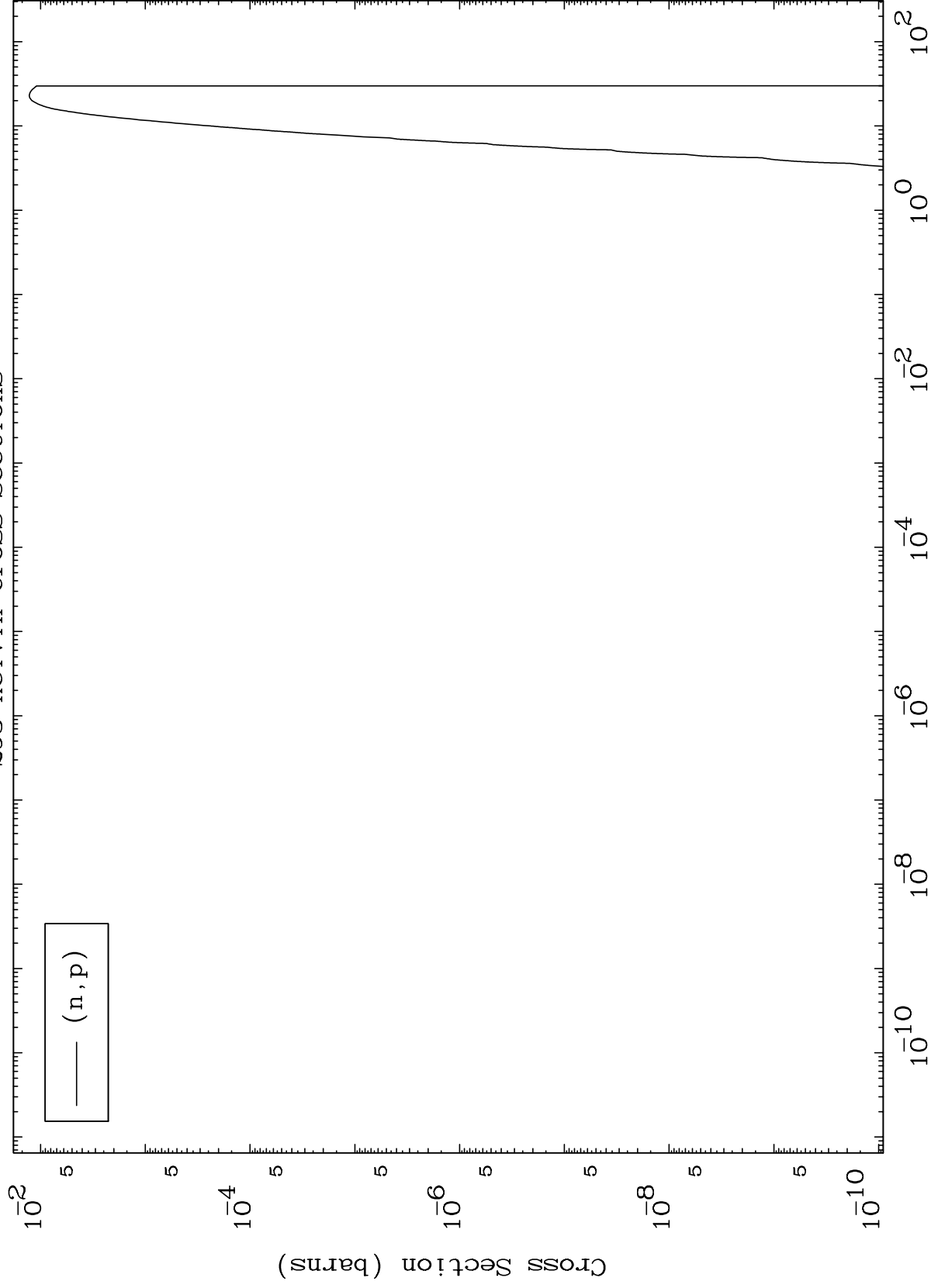
96-Cm-240



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(n,p) Levels
293 Kelvin Cross Sections

96-Cm-240



10

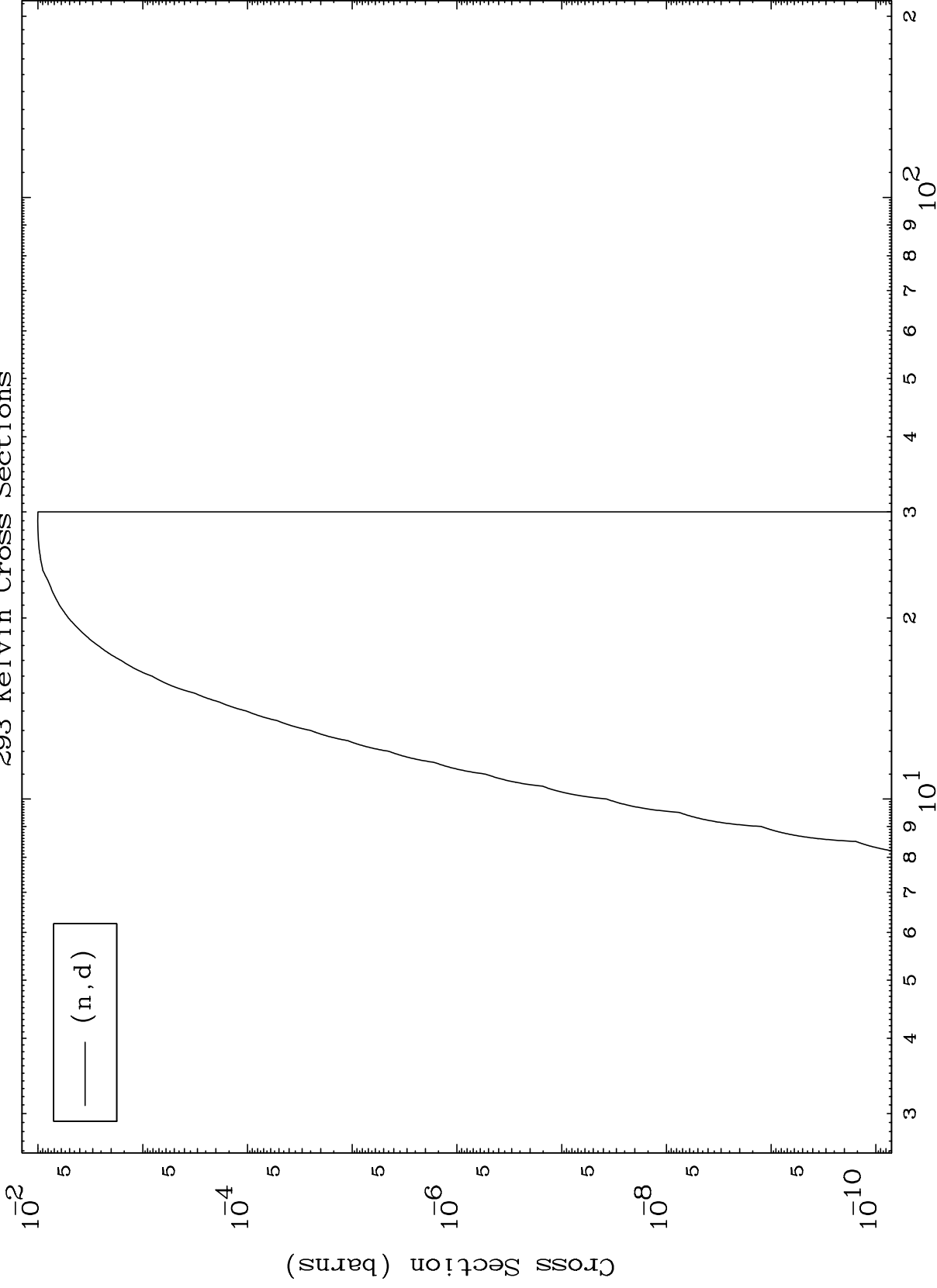
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,d) Levels
293 Kelvin Cross Sections

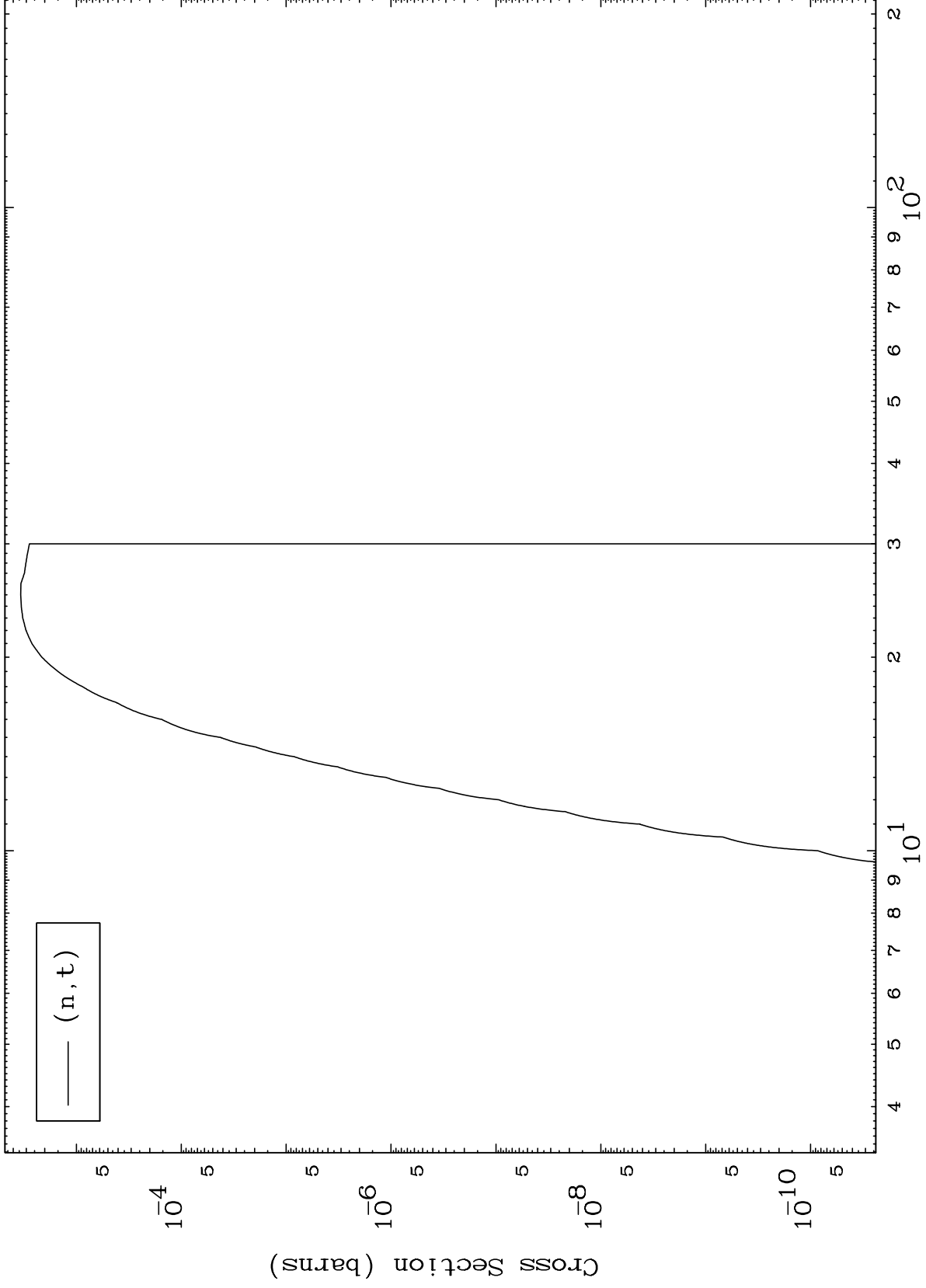
96-Cm-240



MAT 9625

(n,t) Levels
293 Kelvin Cross Sections

96-Cm-240



12

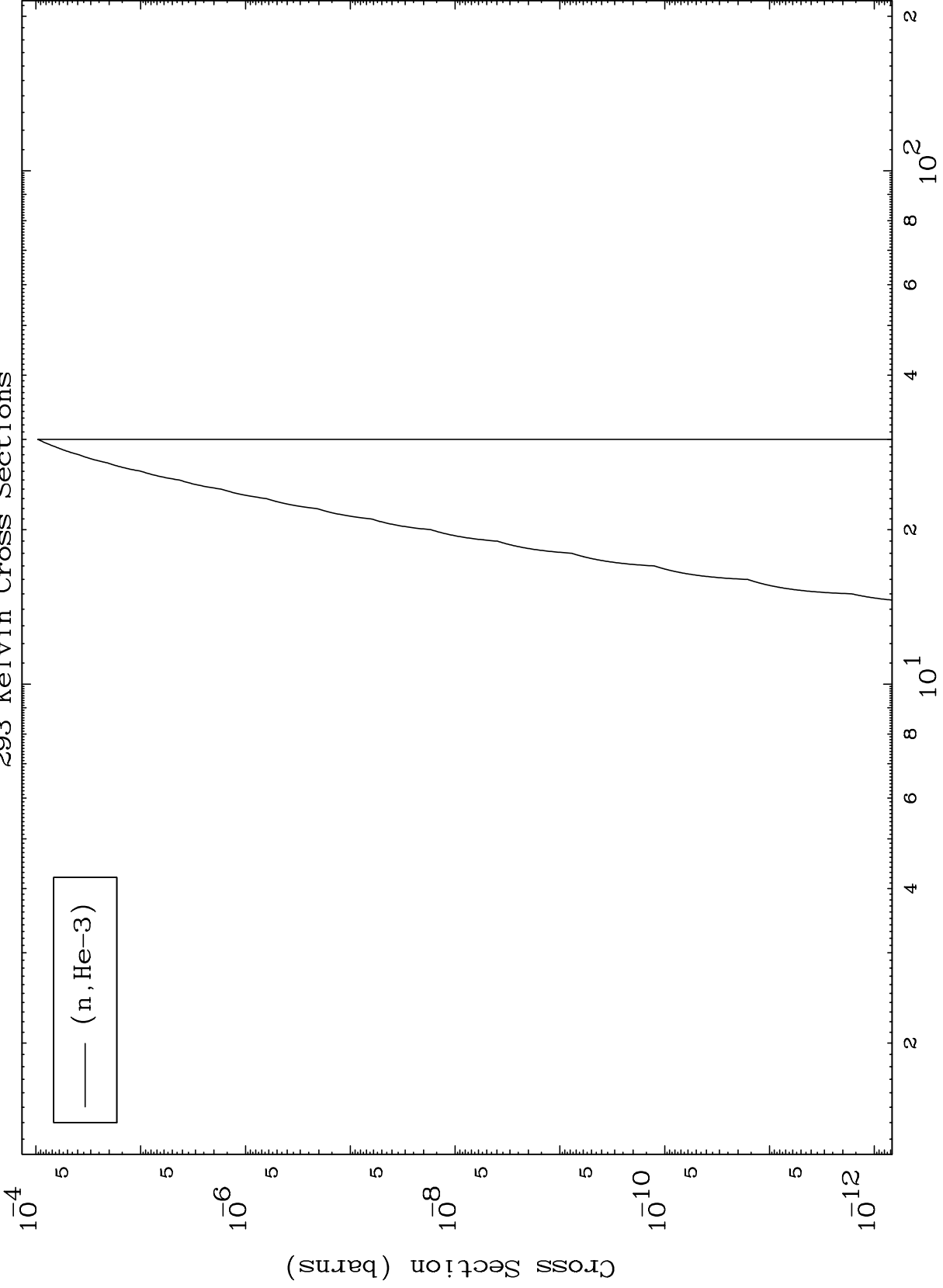
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,He3) Levels
293 Kelvin Cross Sections

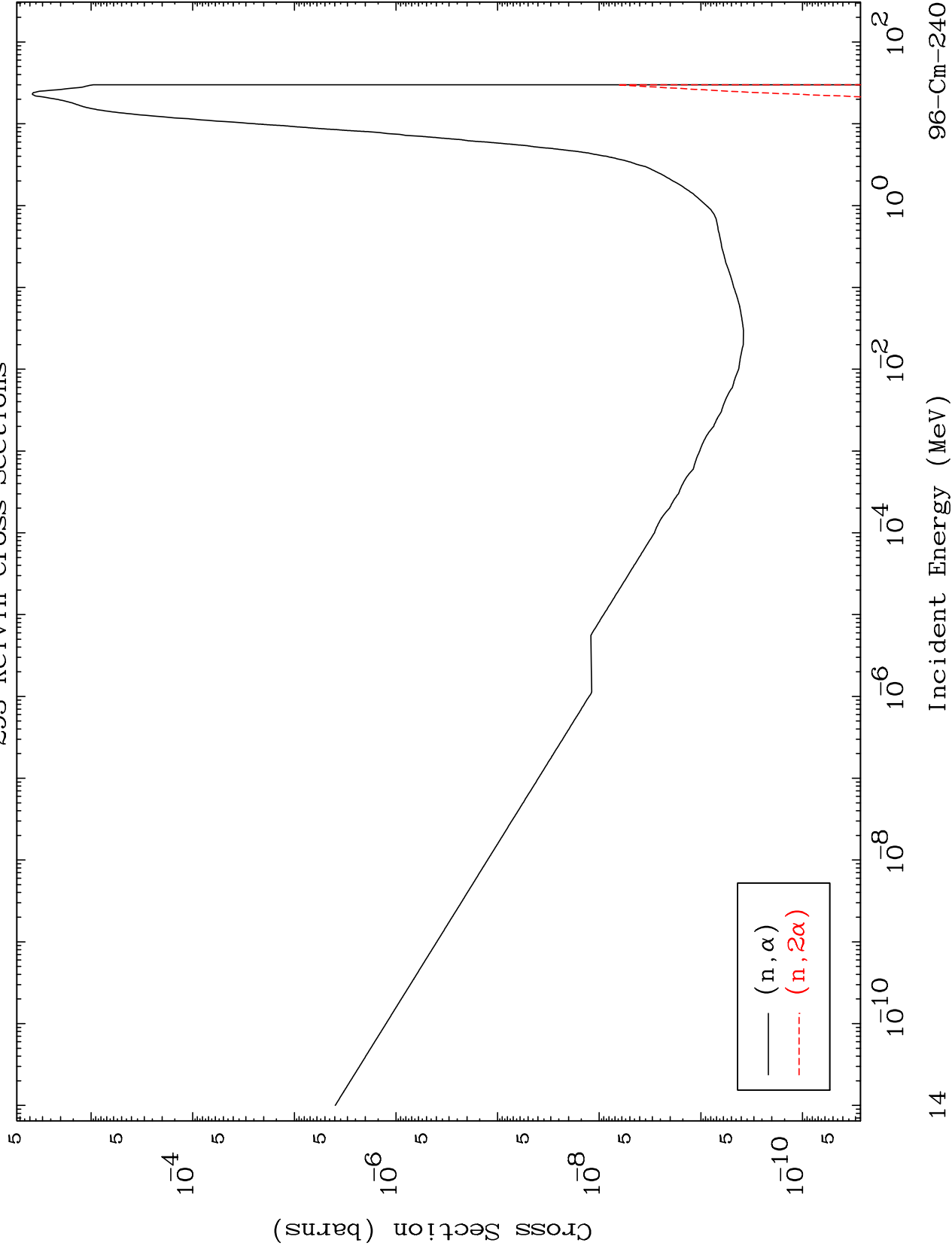
96-Cm-240



MAT 9625

(n, α) Levels
293 Kelvin Cross Sections

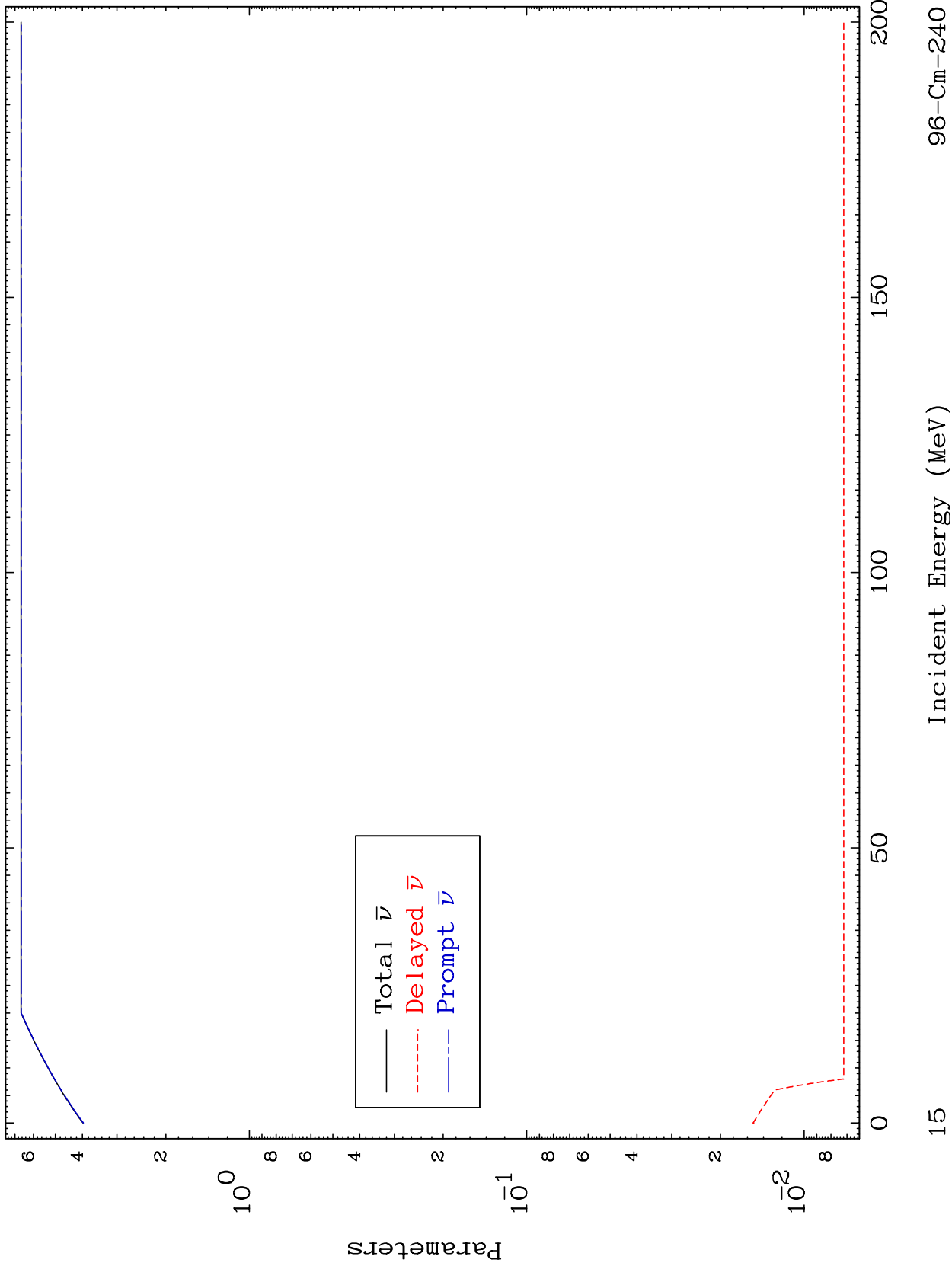
96-Cm-240



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Energy Release
Parameters

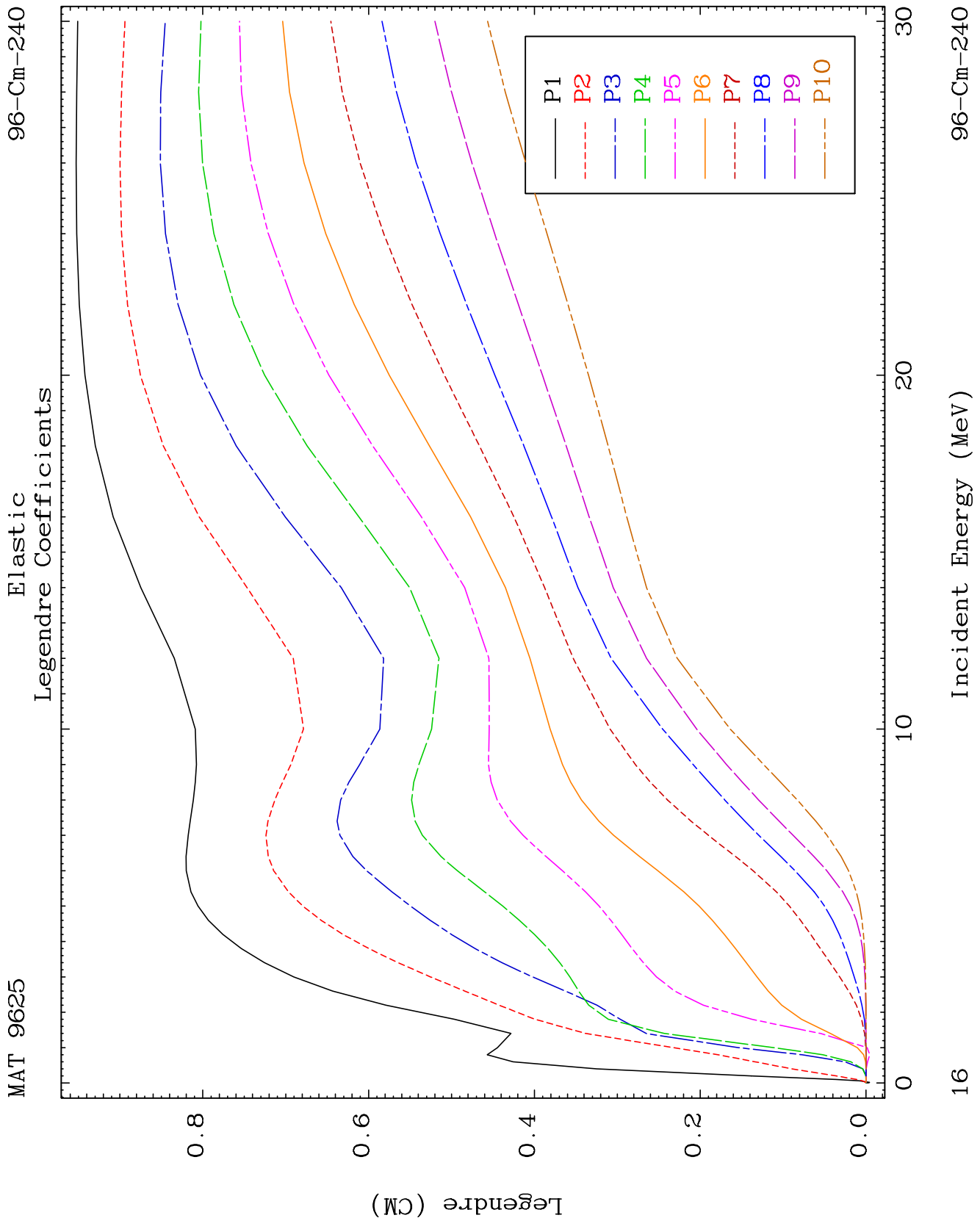
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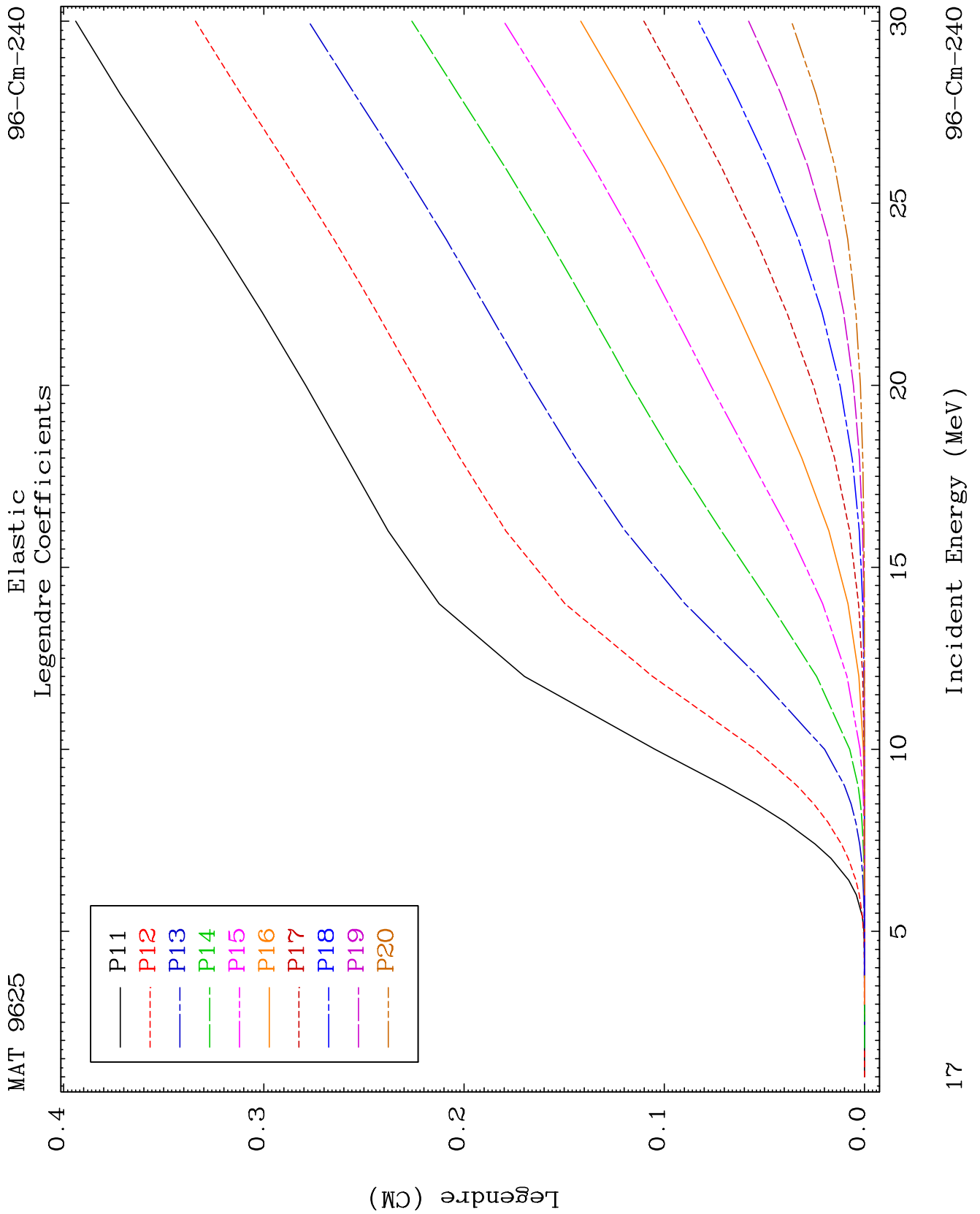


15

Incident Energy (MeV)

96-Cm-240

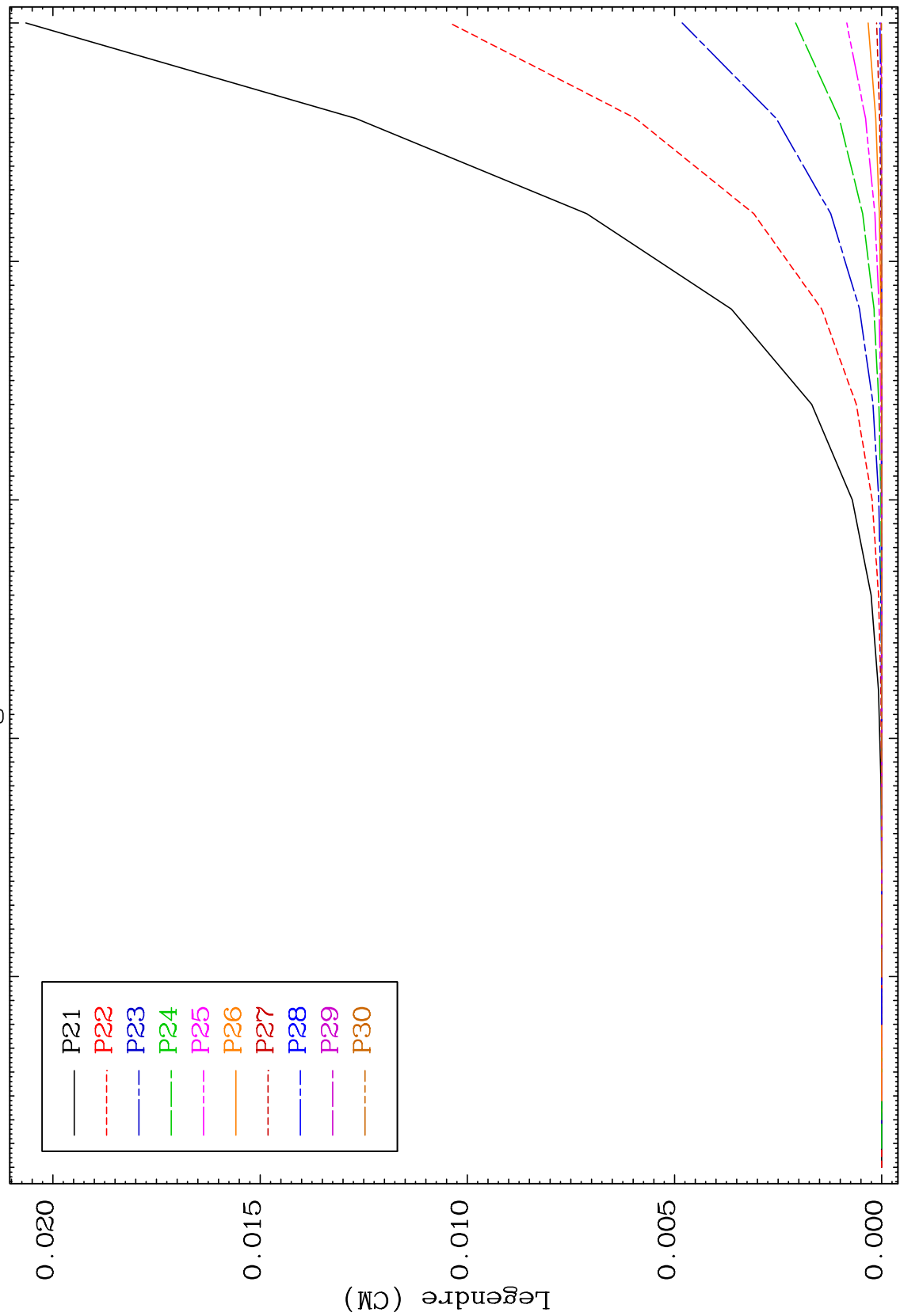




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Elastic Legendre Coefficients

96-Cm-240



18

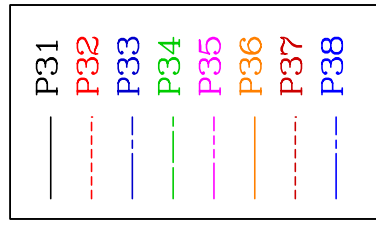
Incident Energy (MeV)

96-Cm-240

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Elastic Legendre Coefficients

96-Cm-240



$\times 10^{-6}$

1.2

Legendre (CM)

0.8

0.4

0.0

15

20

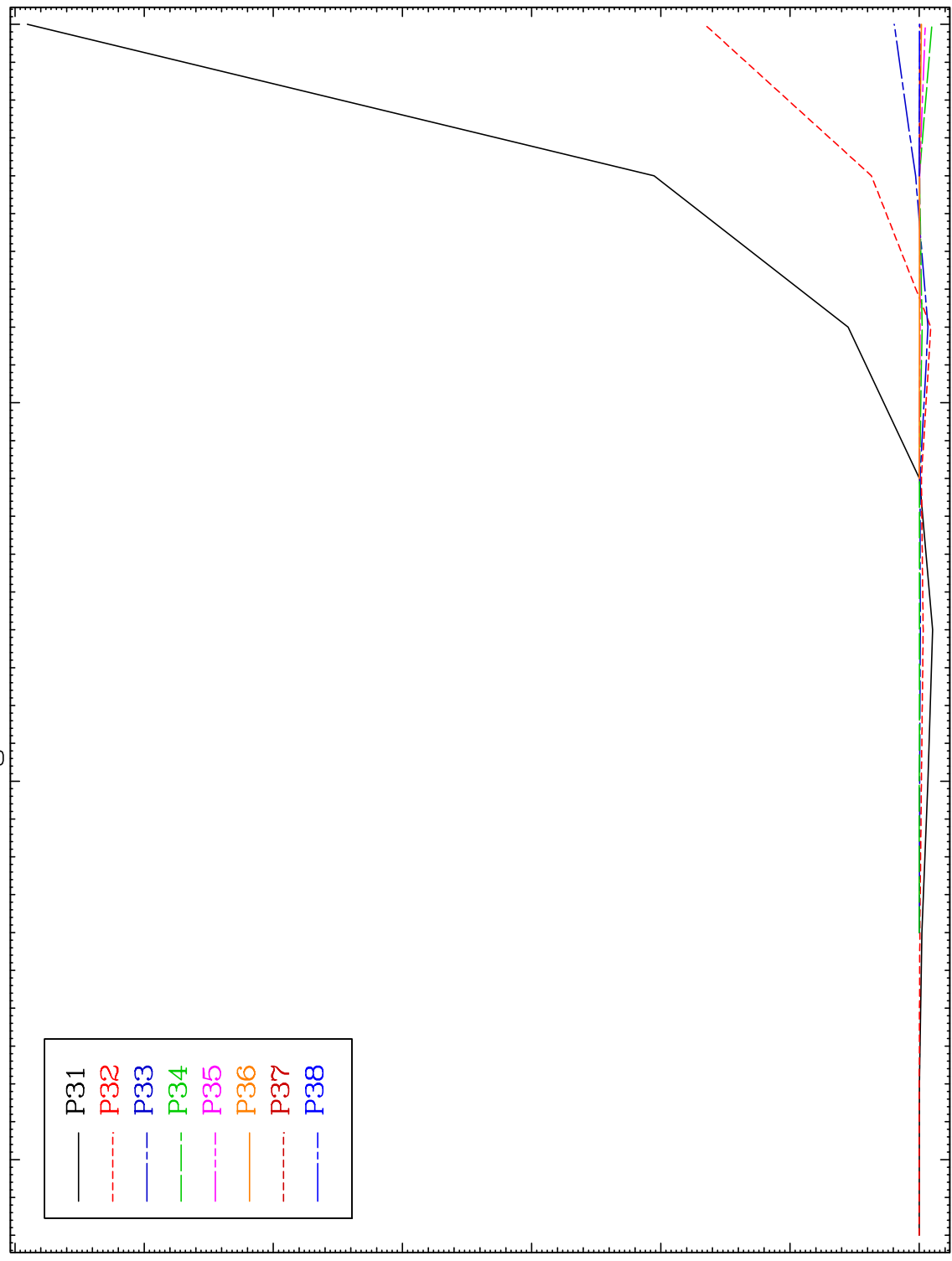
25

30

19

Incident Energy (MeV)

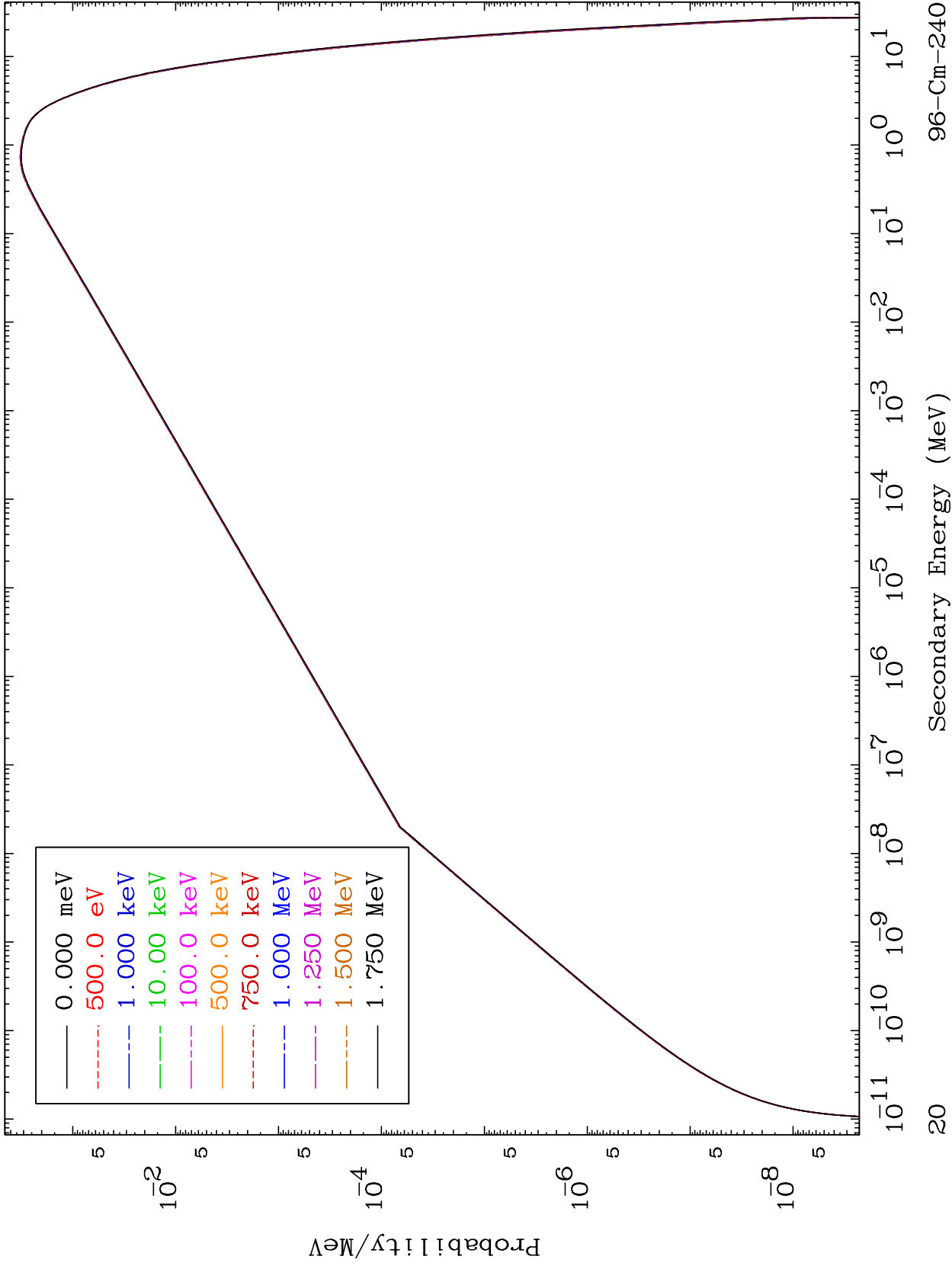
96-Cm-240



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Fission Energy Distributions

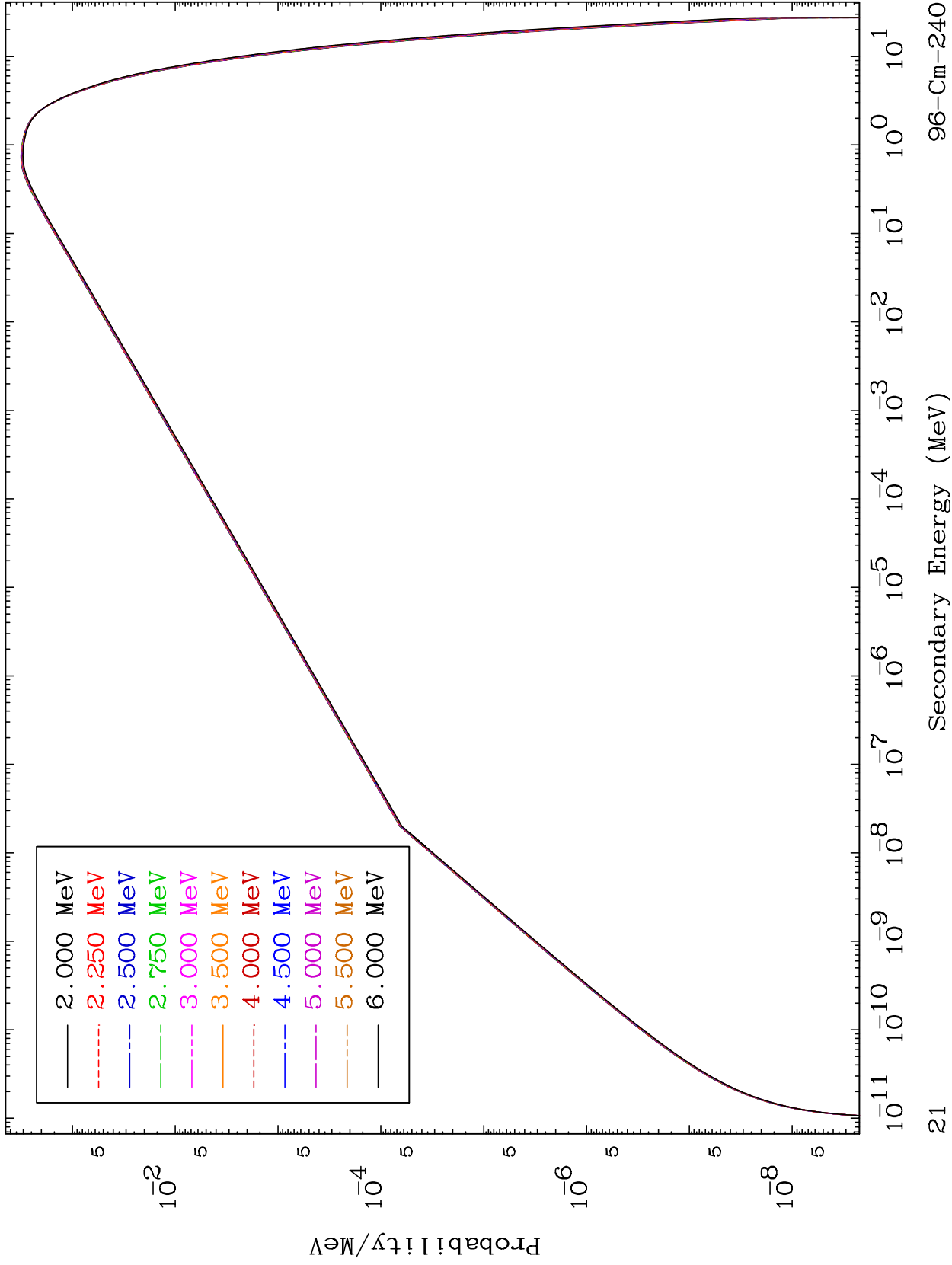
96-Cm-240



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Fission Energy Distributions

96-Cm-240

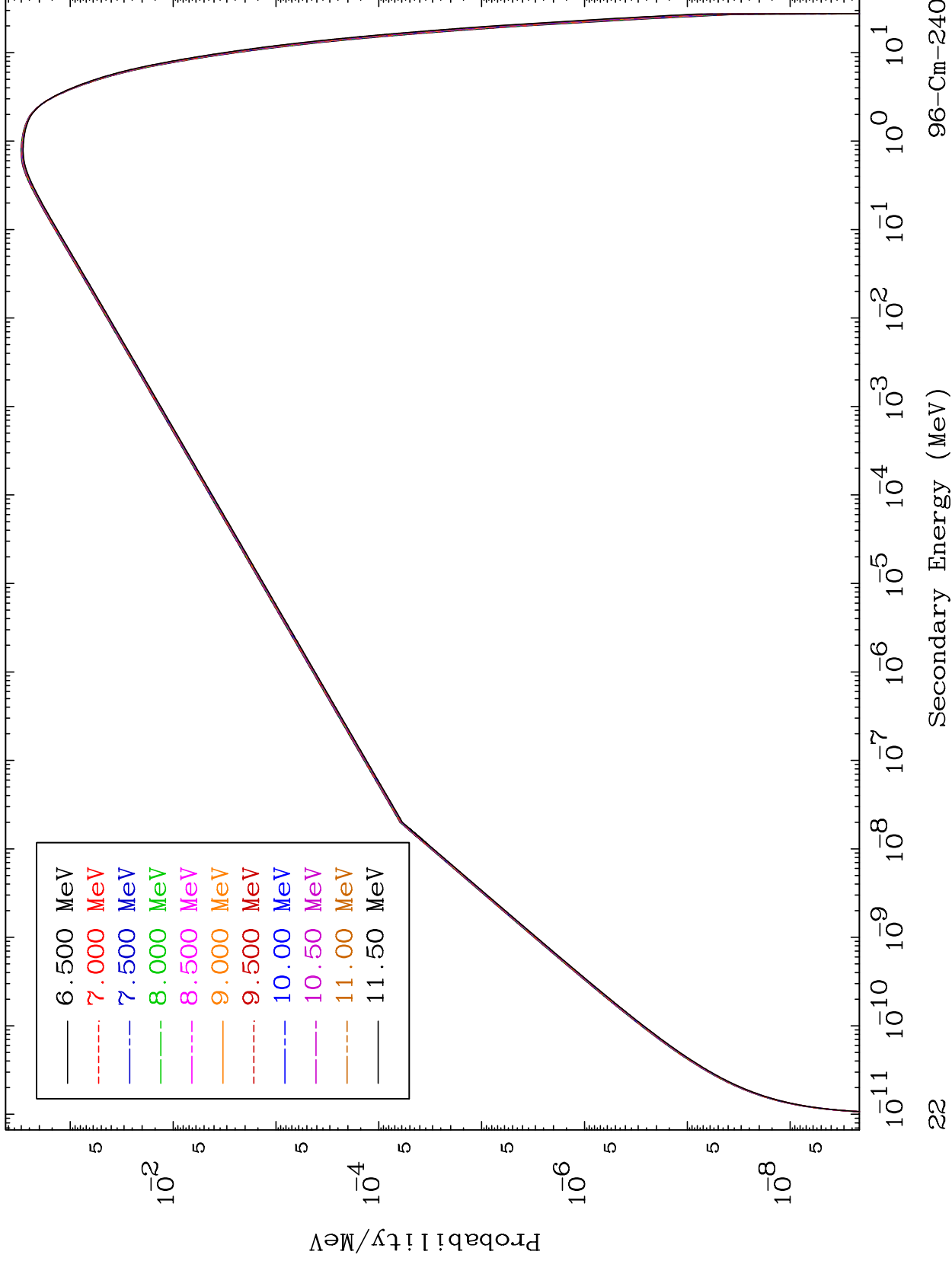


96-Cm-240

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Fission Energy Distributions

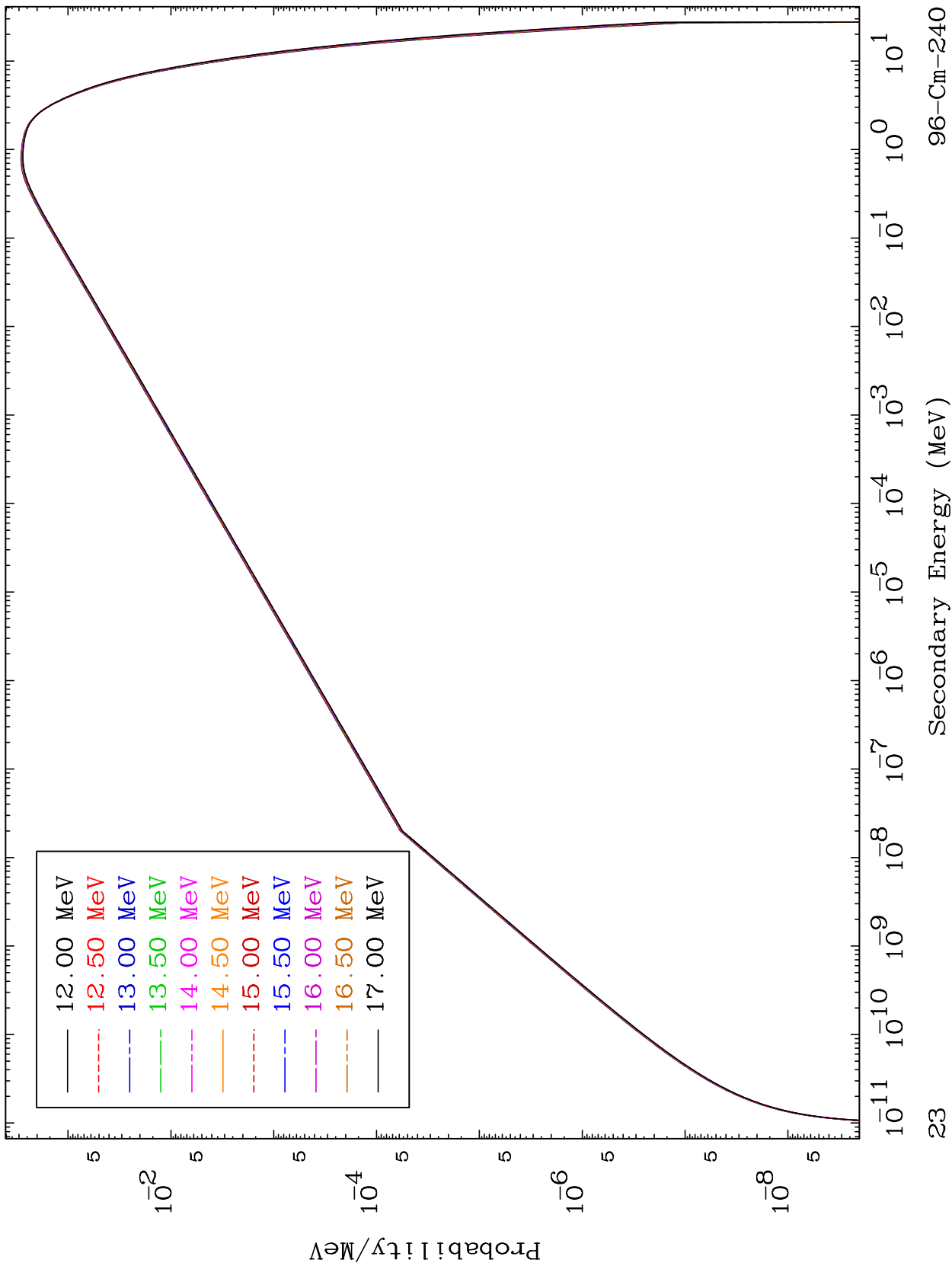
96-Cm-240



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Fission Energy Distributions

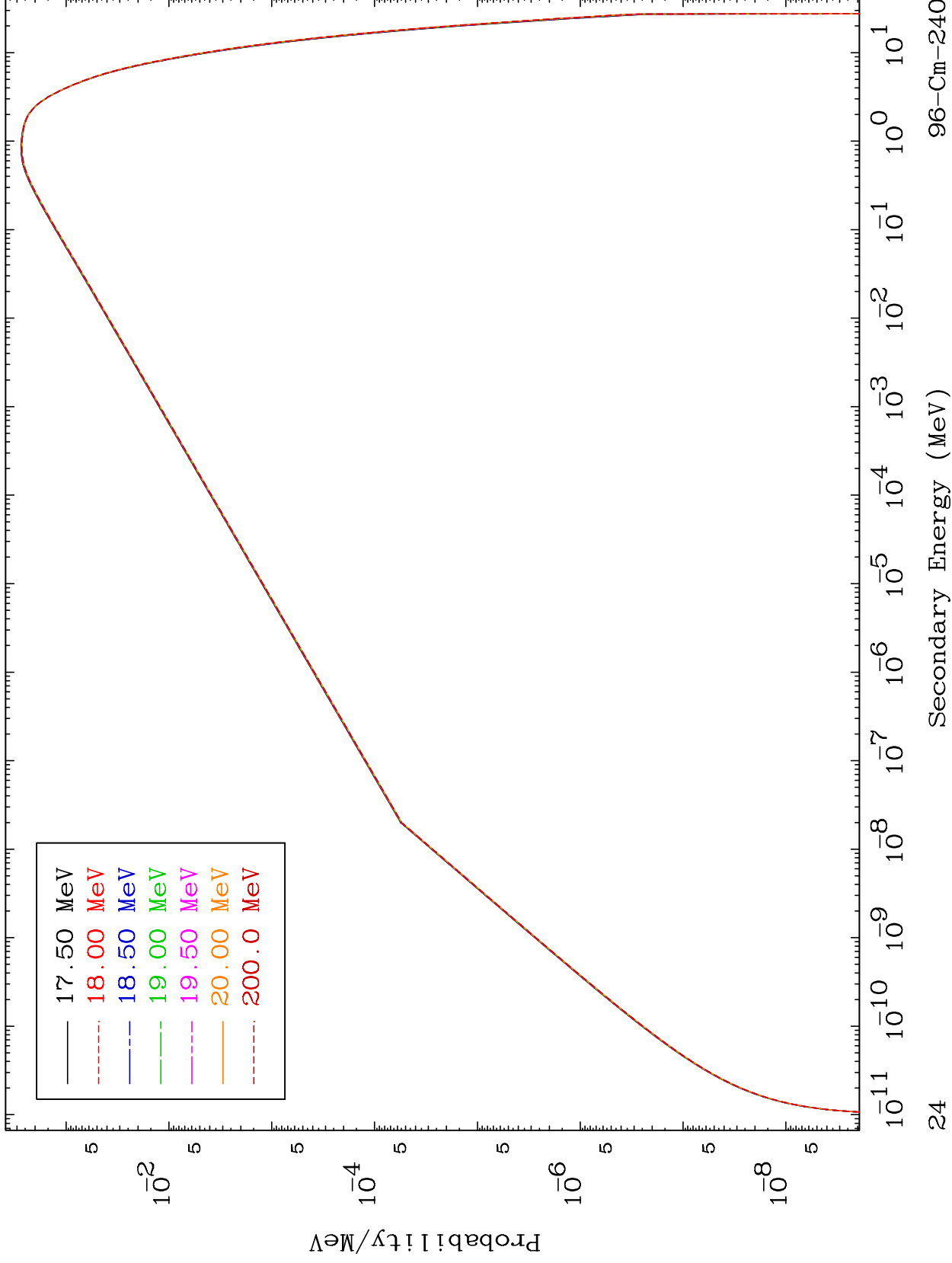
96-Cm-240



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Fission Energy Distributions

96-Cm-240



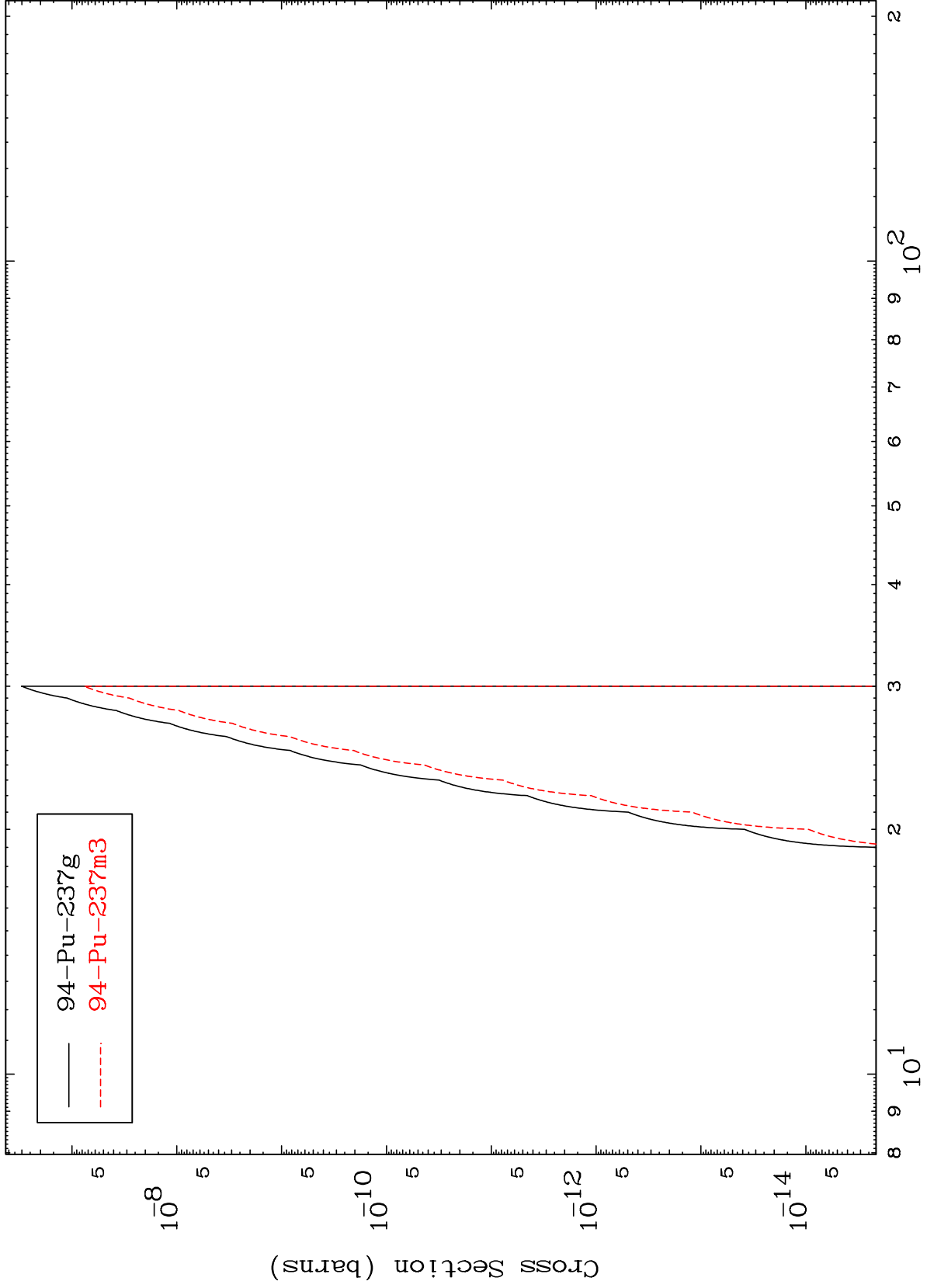
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

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(n,n') He-3

96-Cm-240

Radionuclide Production Cross Section



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

25

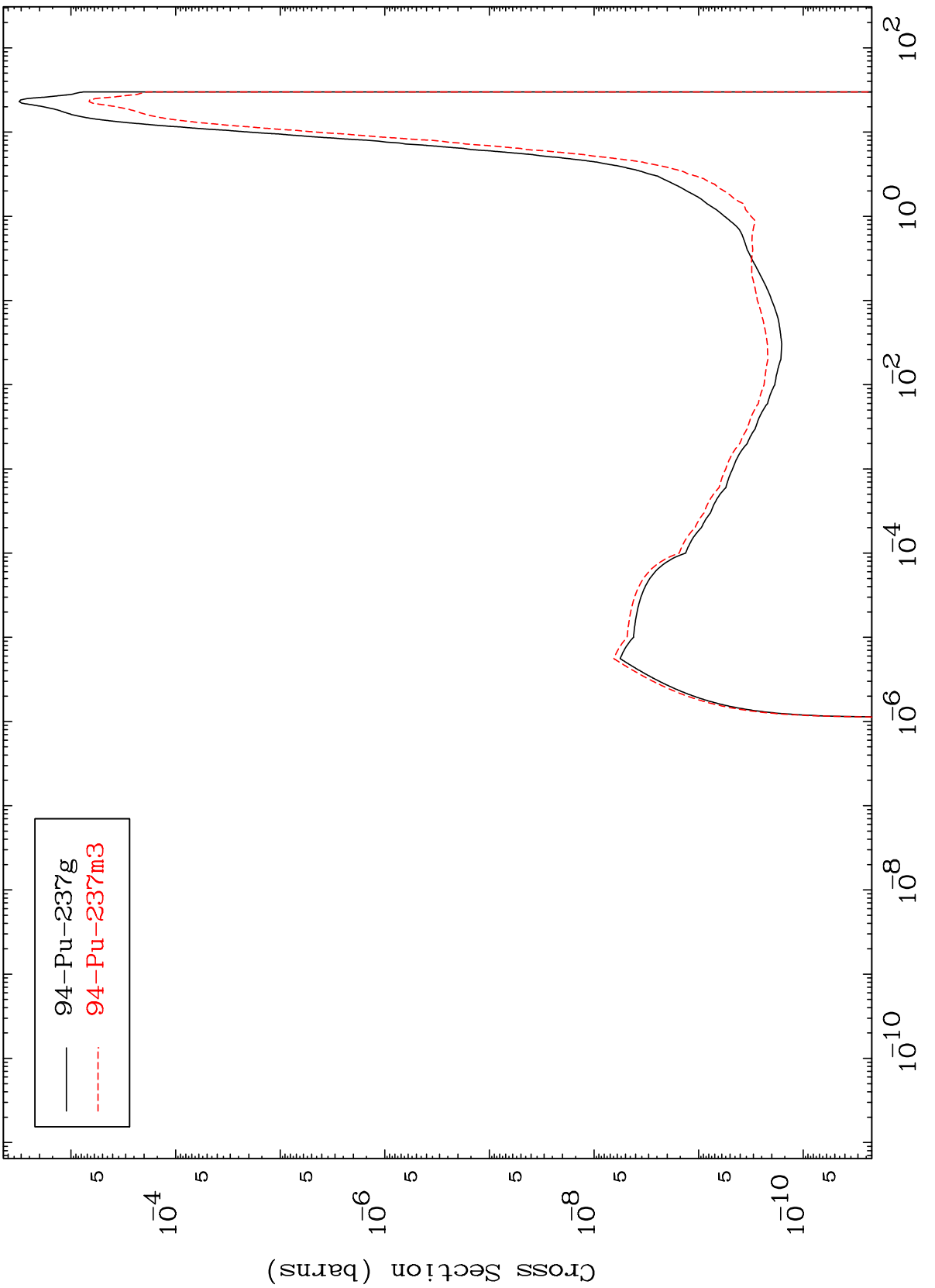
Incident Energy (MeV)

96-Cm-240

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96-Cm-240

Radionuclide Production Cross Section (n, α)



Incident Energy (MeV)

96-Cm-240

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(n,p) α

96-Cm-240

Radionuclide Production Cross Section

