

Program EVALPLOT
(Version 2018-1)

by

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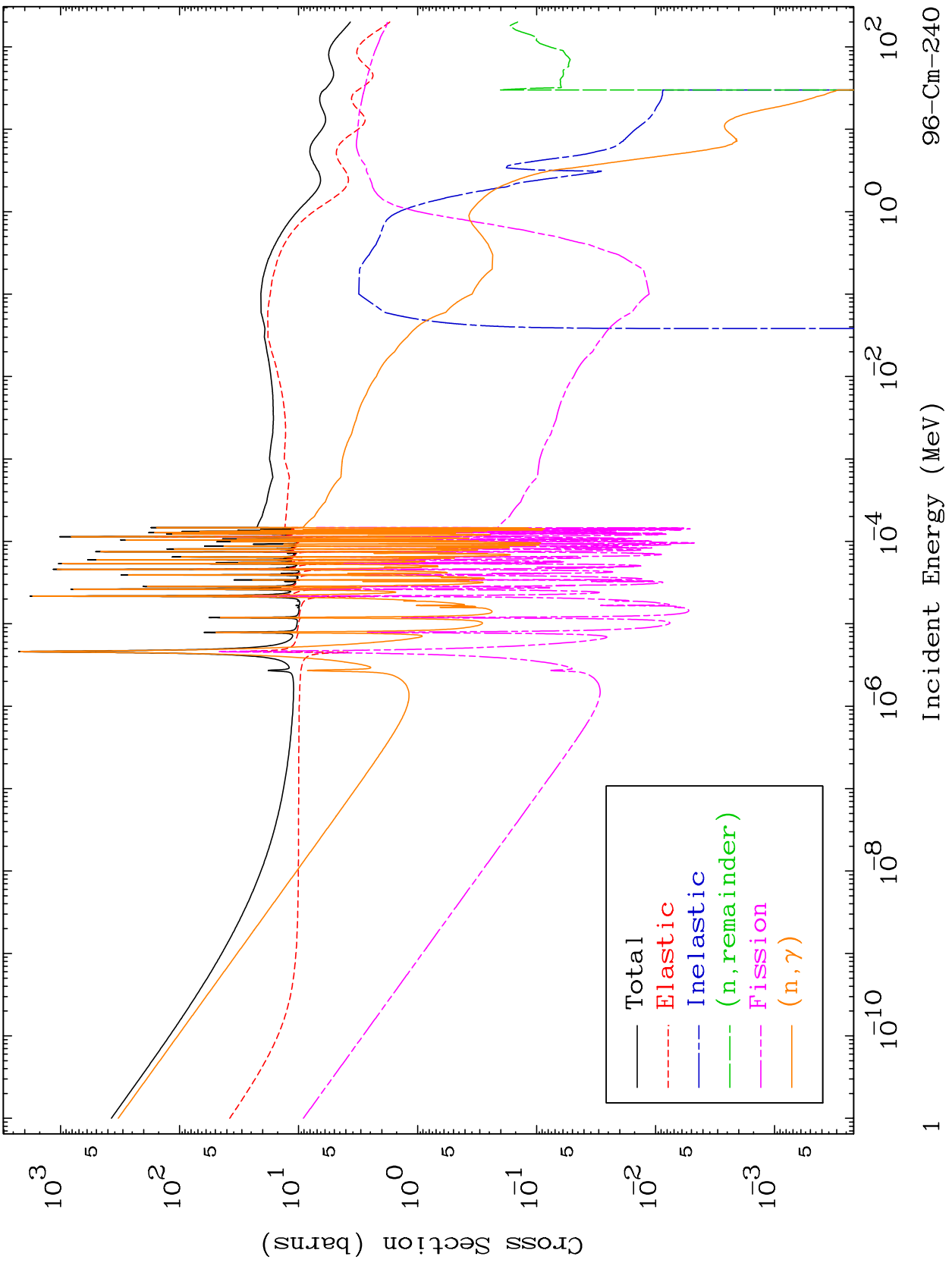
Press Mouse Button to Start

MAT 9625

Major

293 Kelvin Cross Sections

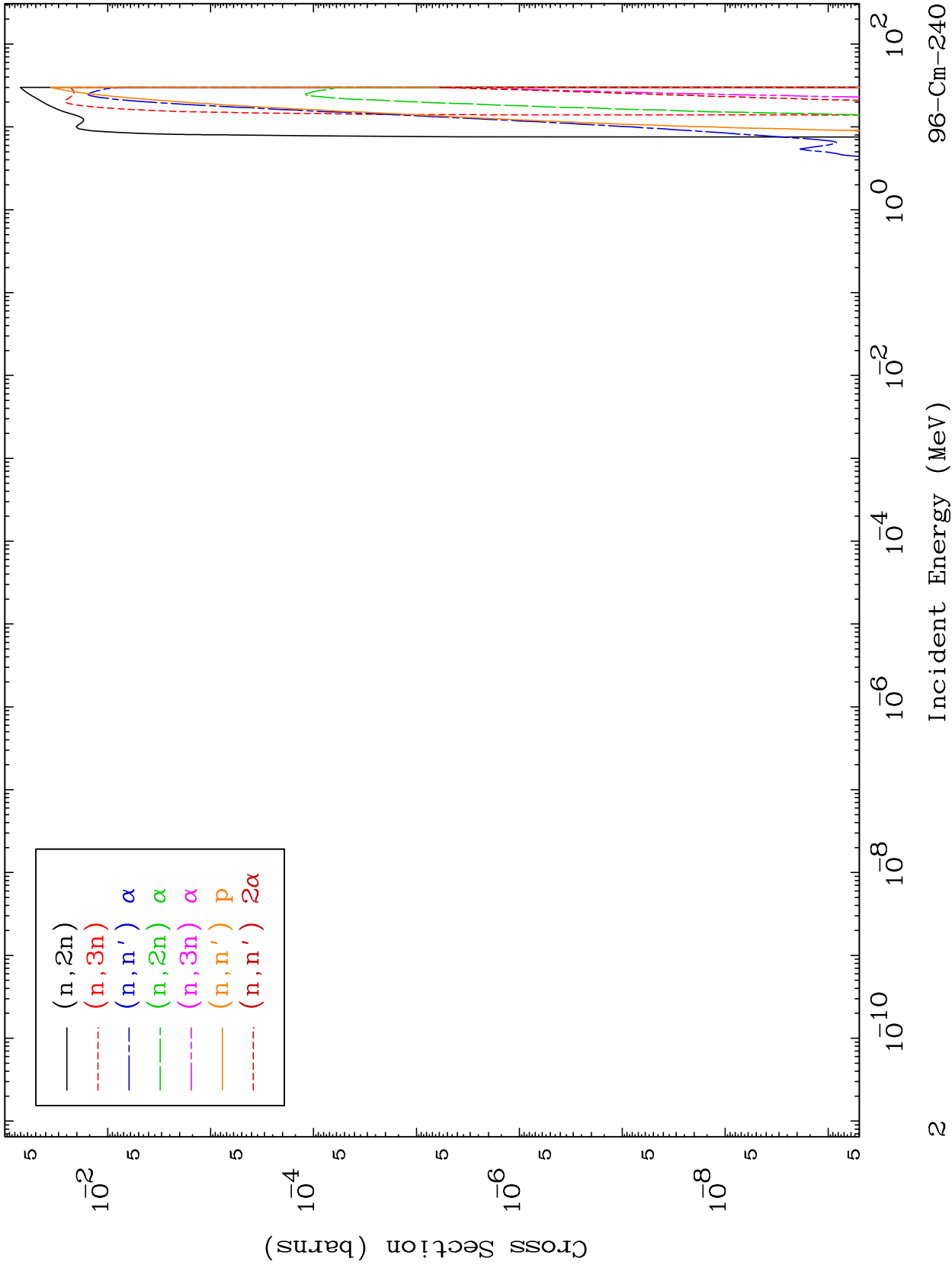
96-Cm-240



MAT 9625

Neutron Production
293 Kelvin Cross Sections

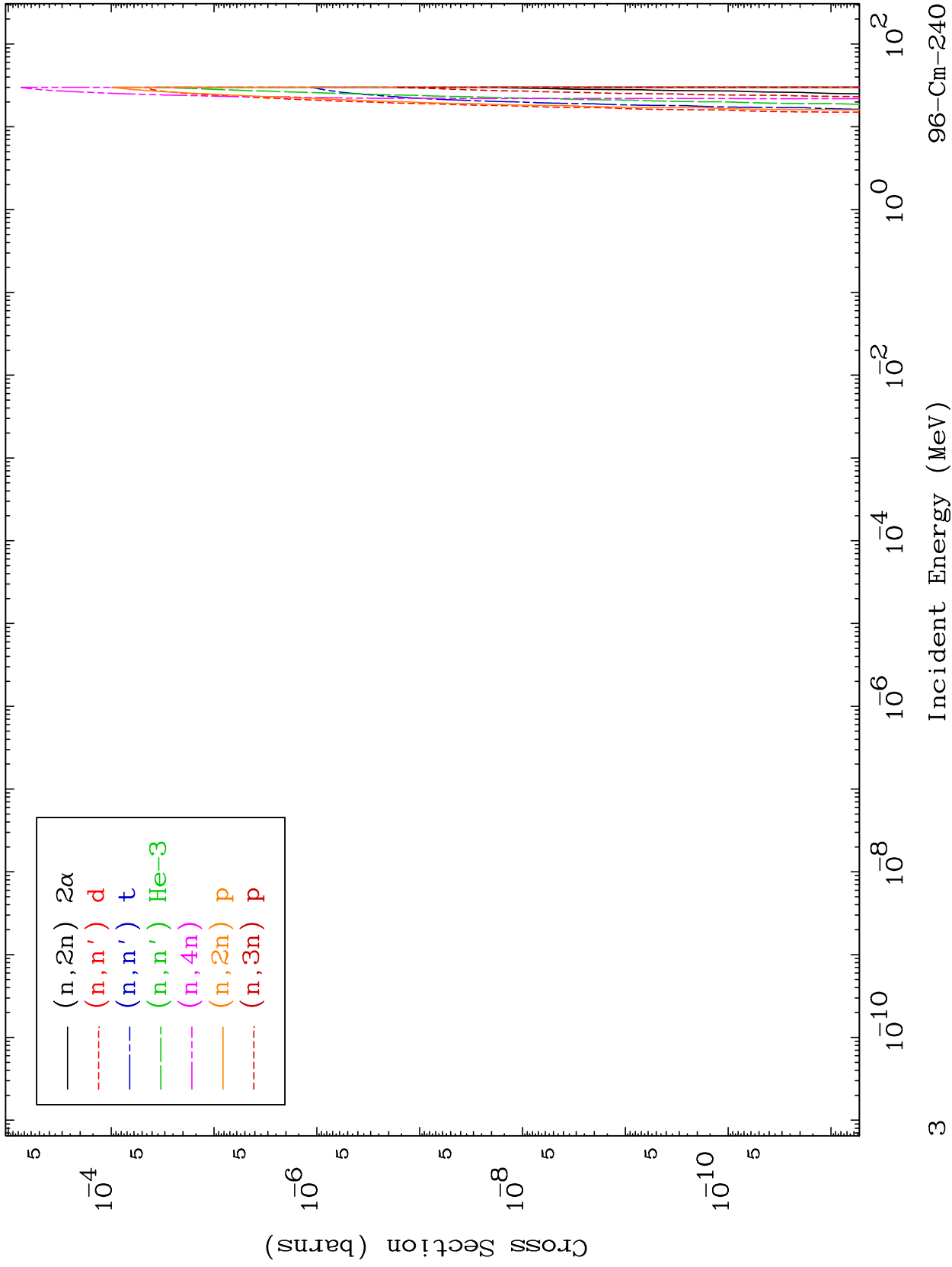
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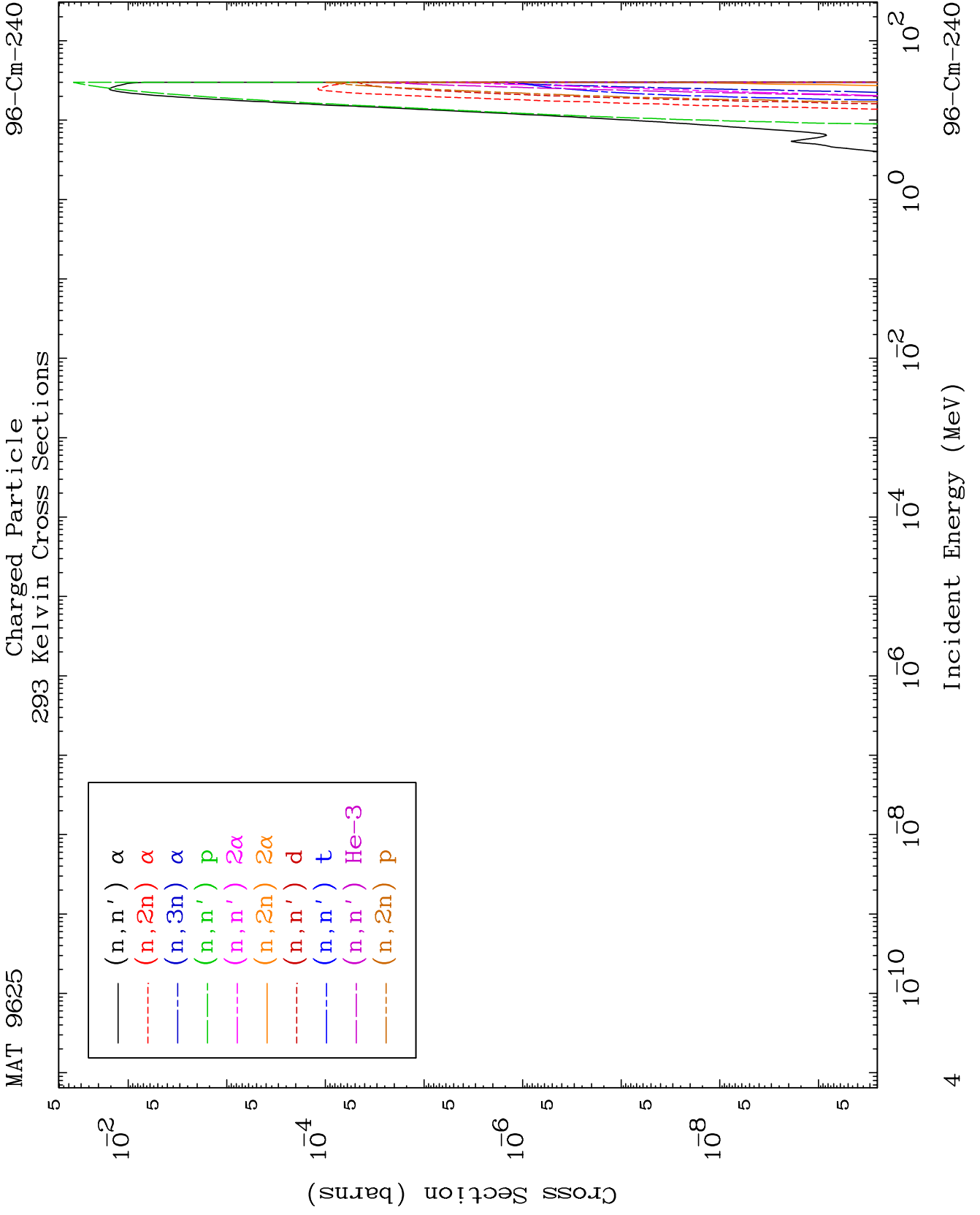


MAT 9625

Neutron Production
293 Kelvin Cross Sections

96-Cm-240

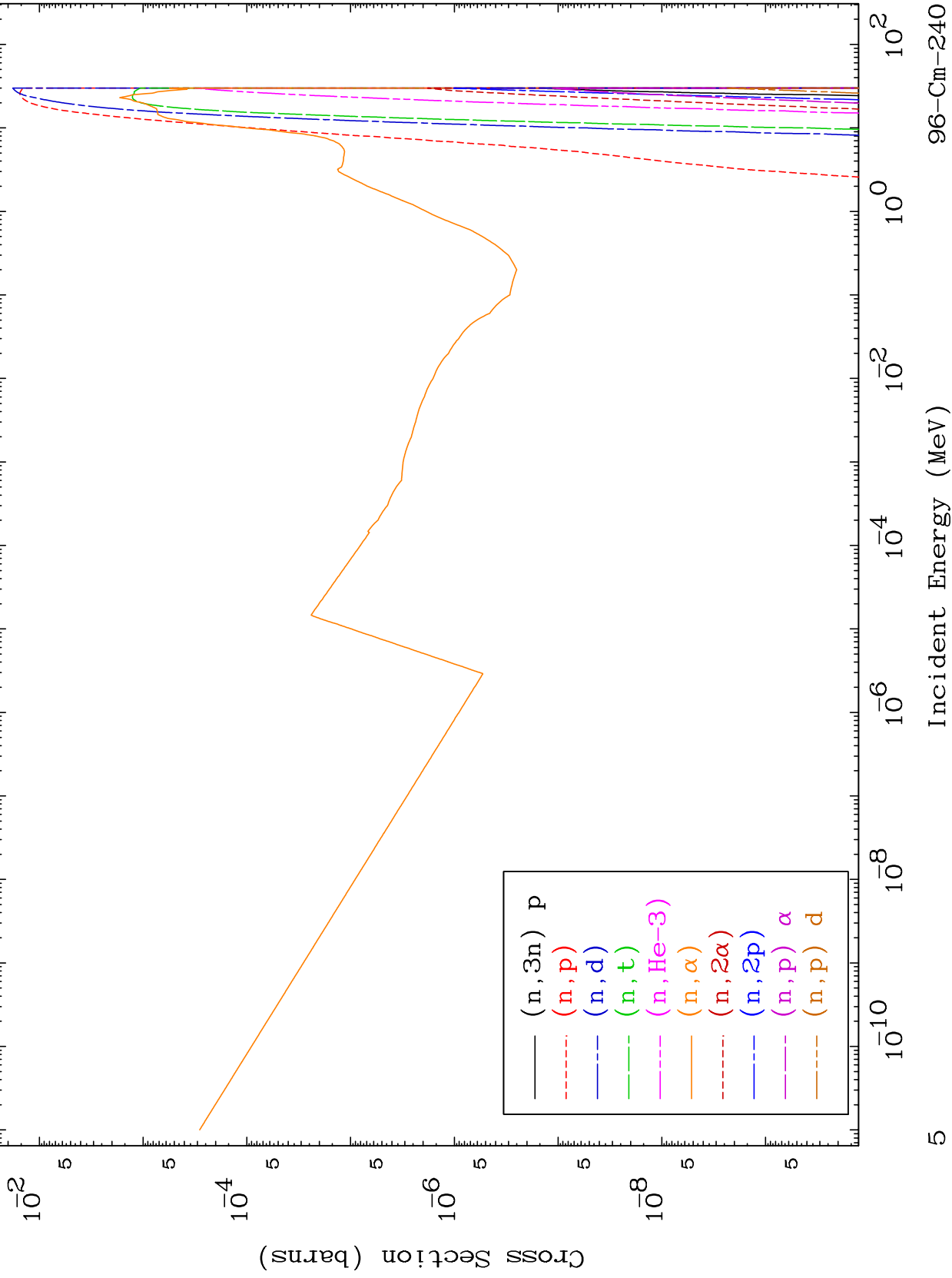




MAT 9625

Charged Particle
293 Kelvin Cross Sections

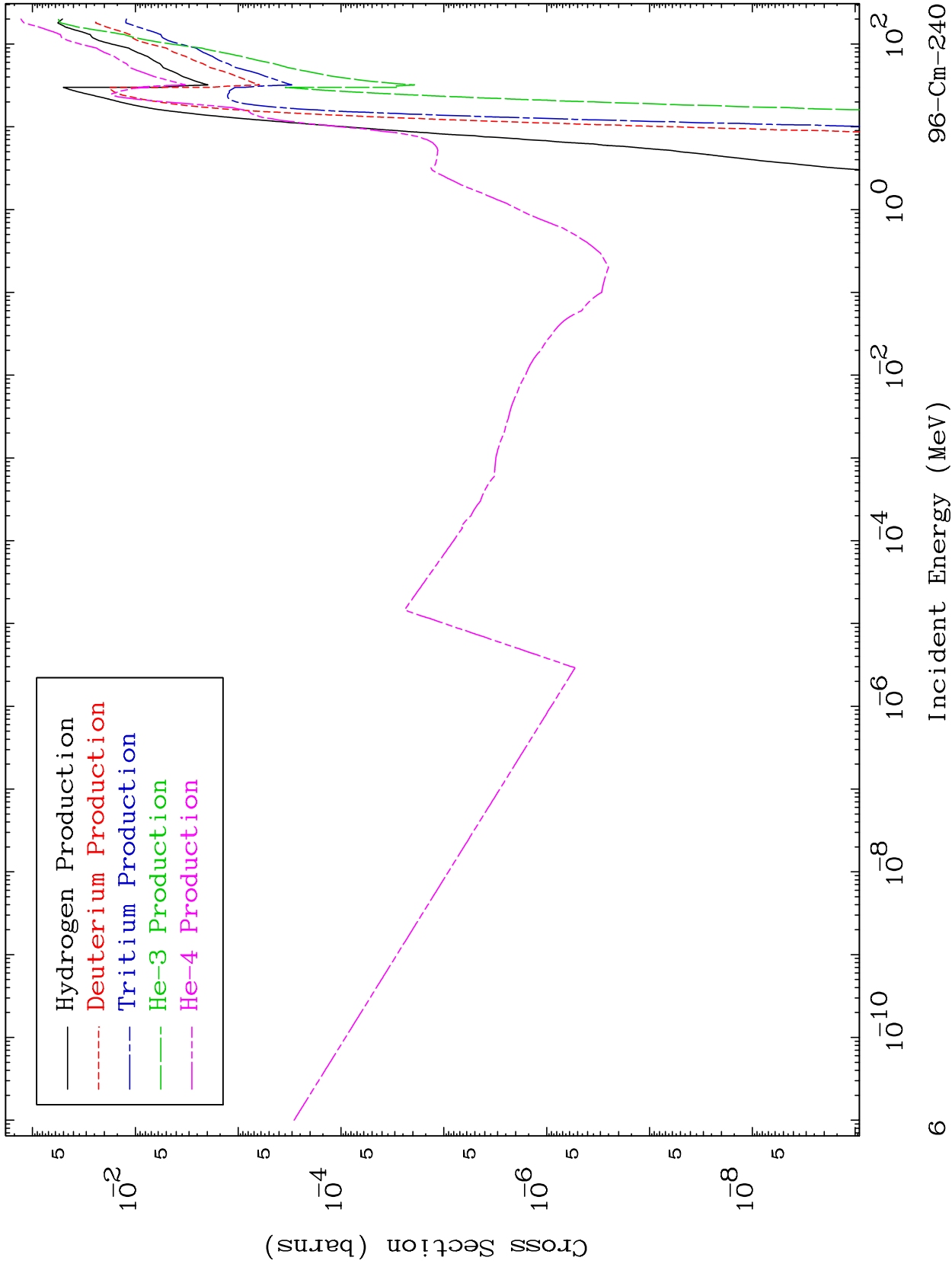
96-Cm-240



MAT 9625

Particle Production
293 Kelvin Cross Sections

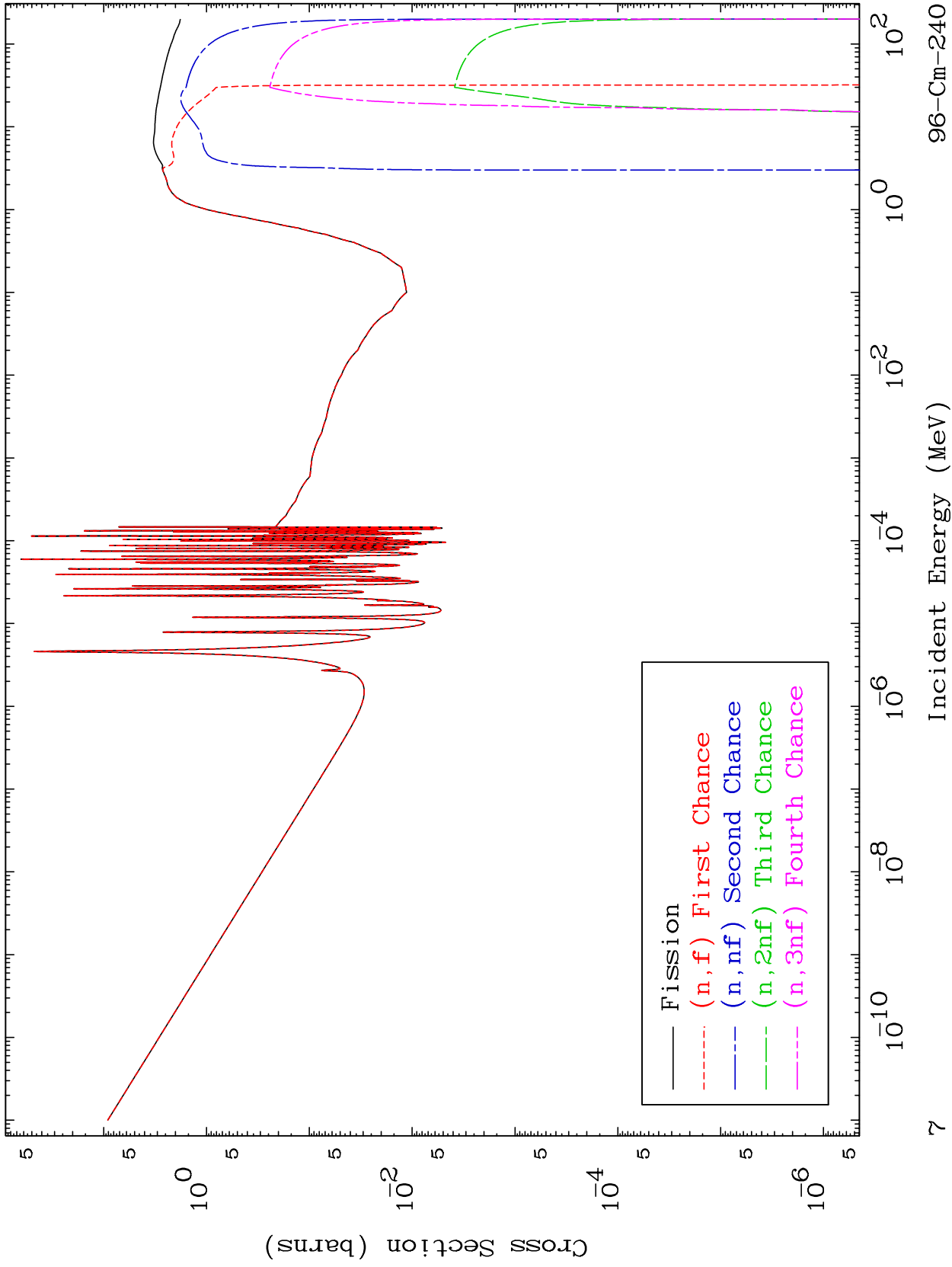
96-Cm-240



MAT 9625

Fission
293 Kelvin Cross Sections

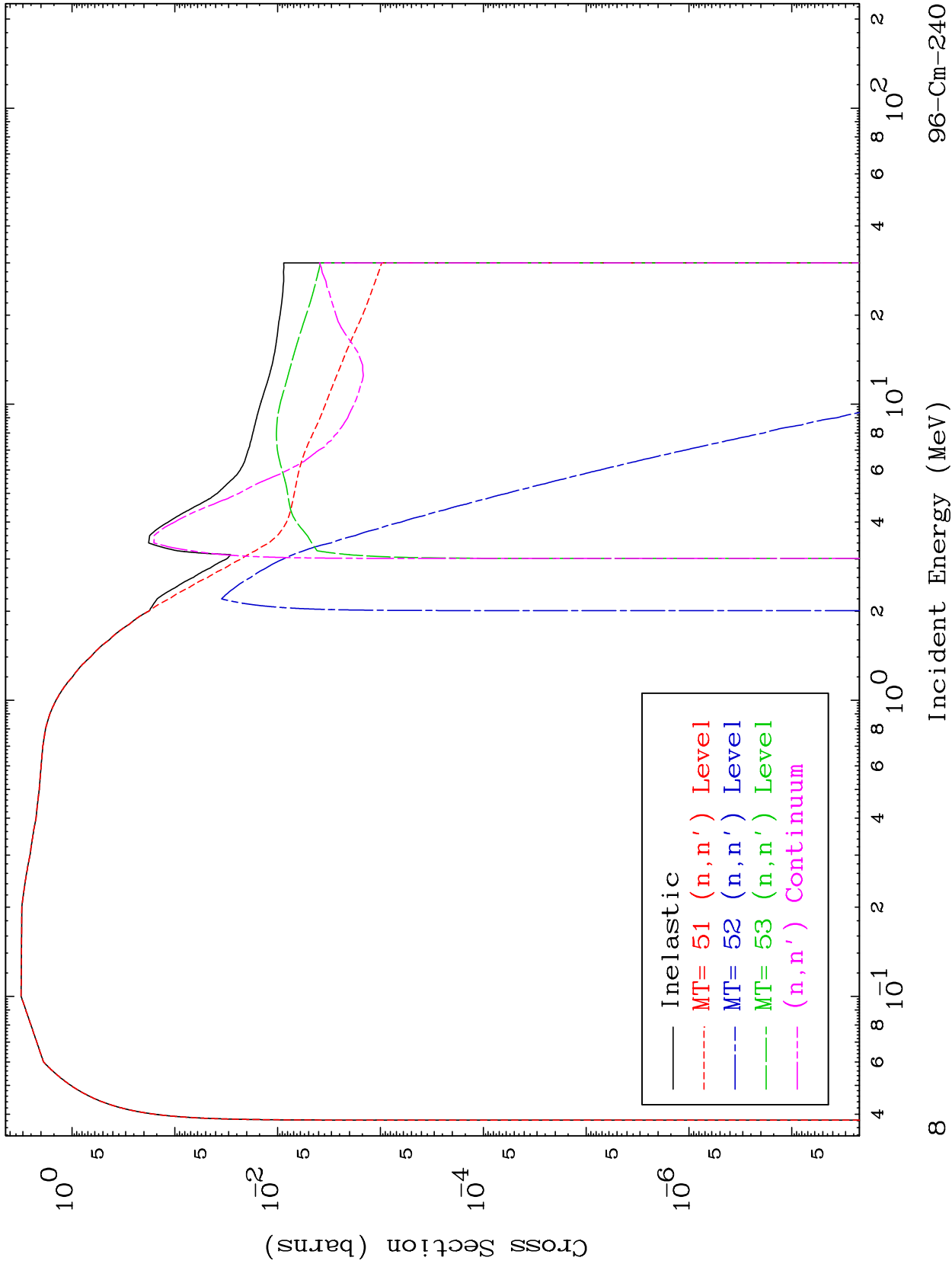
96-Cm-240



MAT 9625

(n,n') Level
293 Kelvin Cross Sections

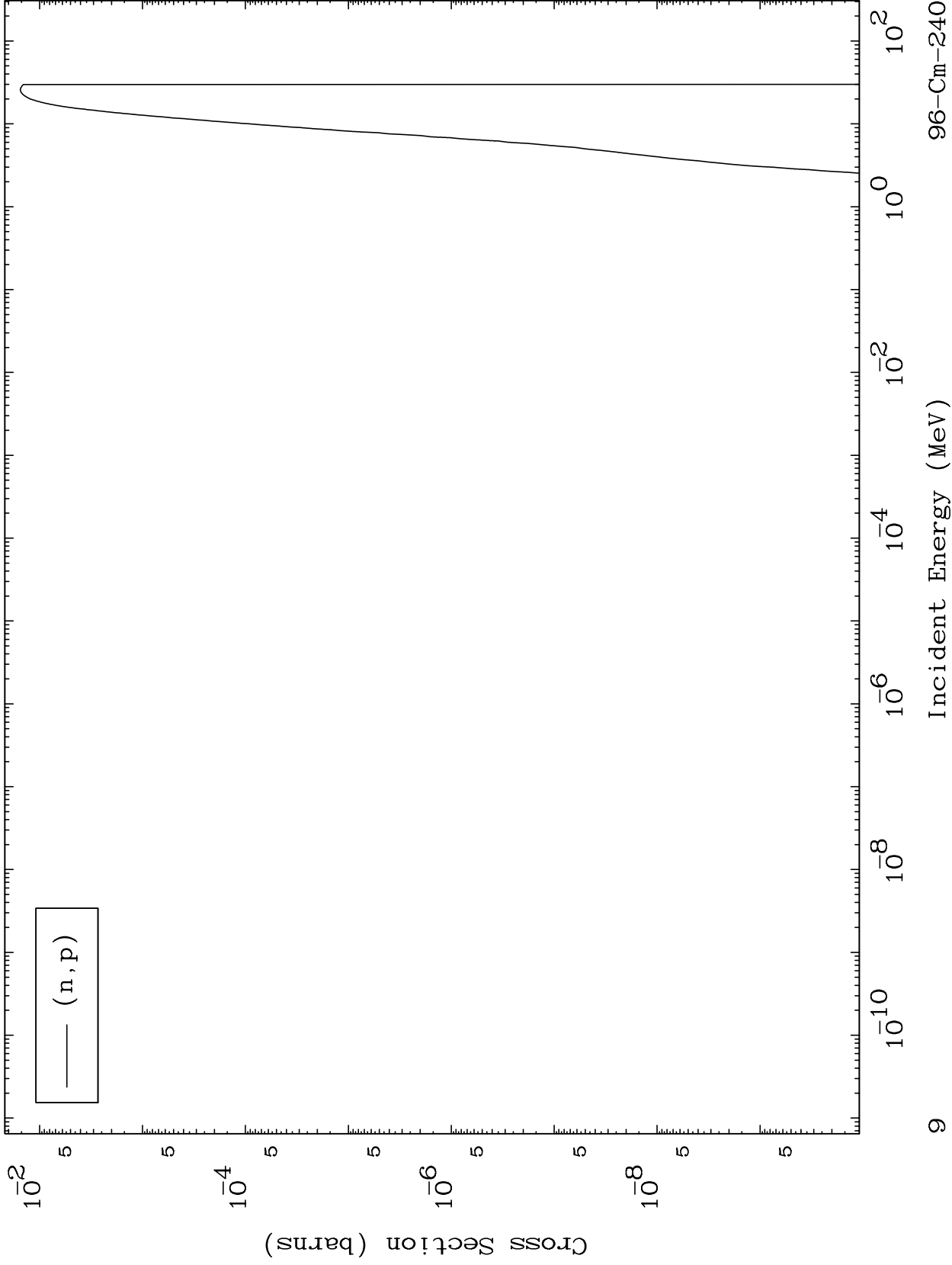
96-Cm-240



MAT 9625

(n,p) Levels
293 Kelvin Cross Sections

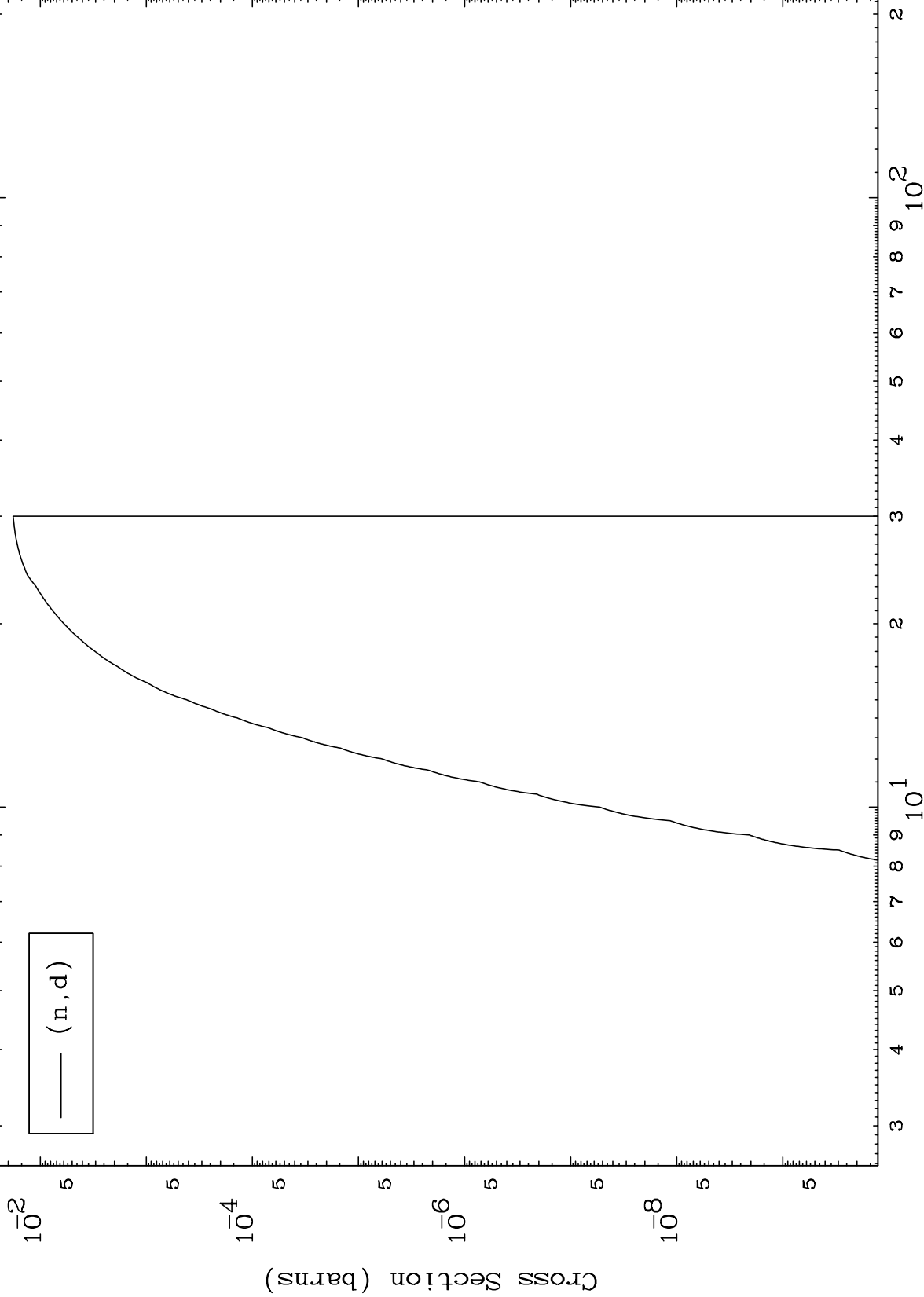
96-Cm-240



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(n,d) Levels
293 Kelvin Cross Sections

96-Cm-240



10

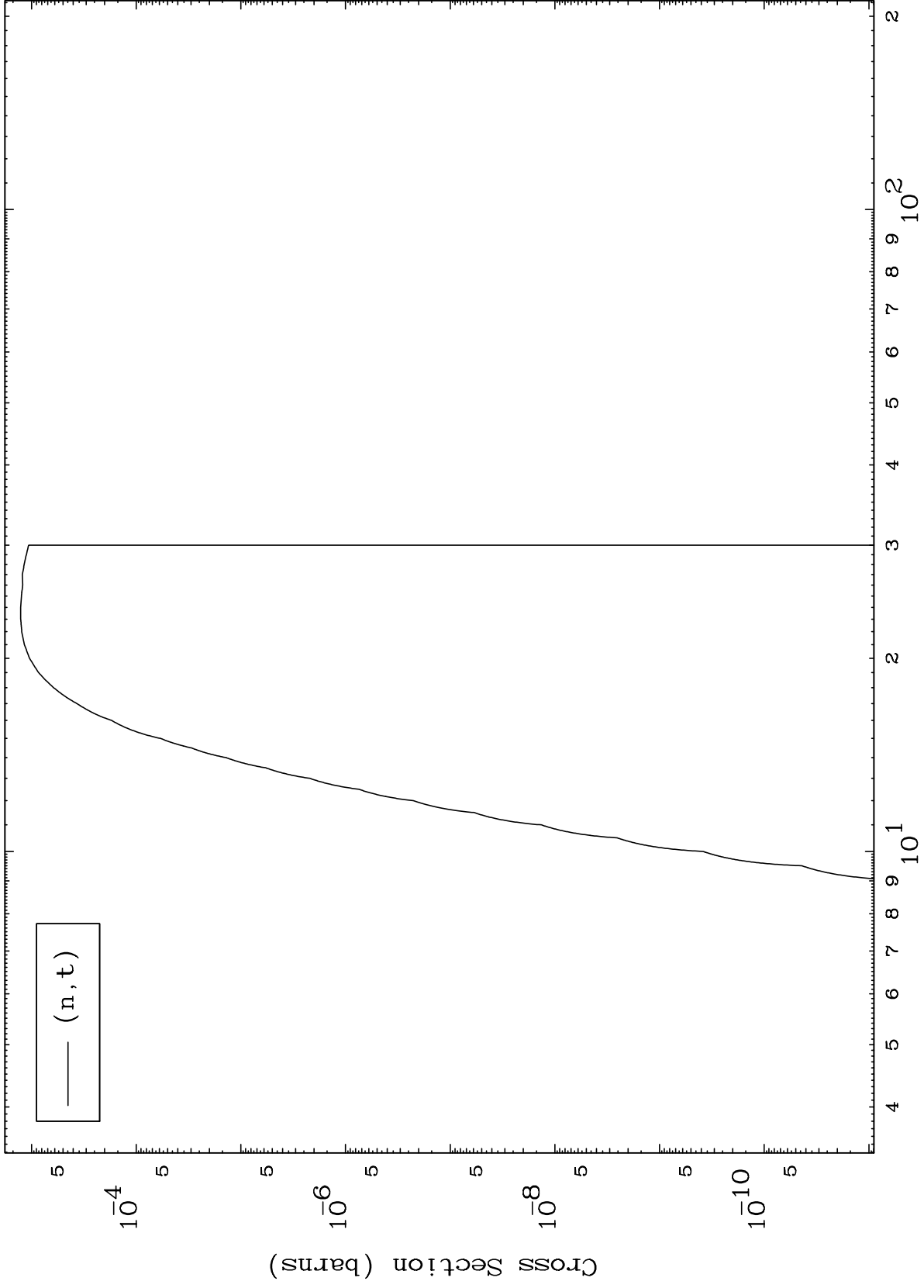
Incident Energy (MeV)

96-Cm-240

MAT 9625

(n,t) Levels
293 Kelvin Cross Sections

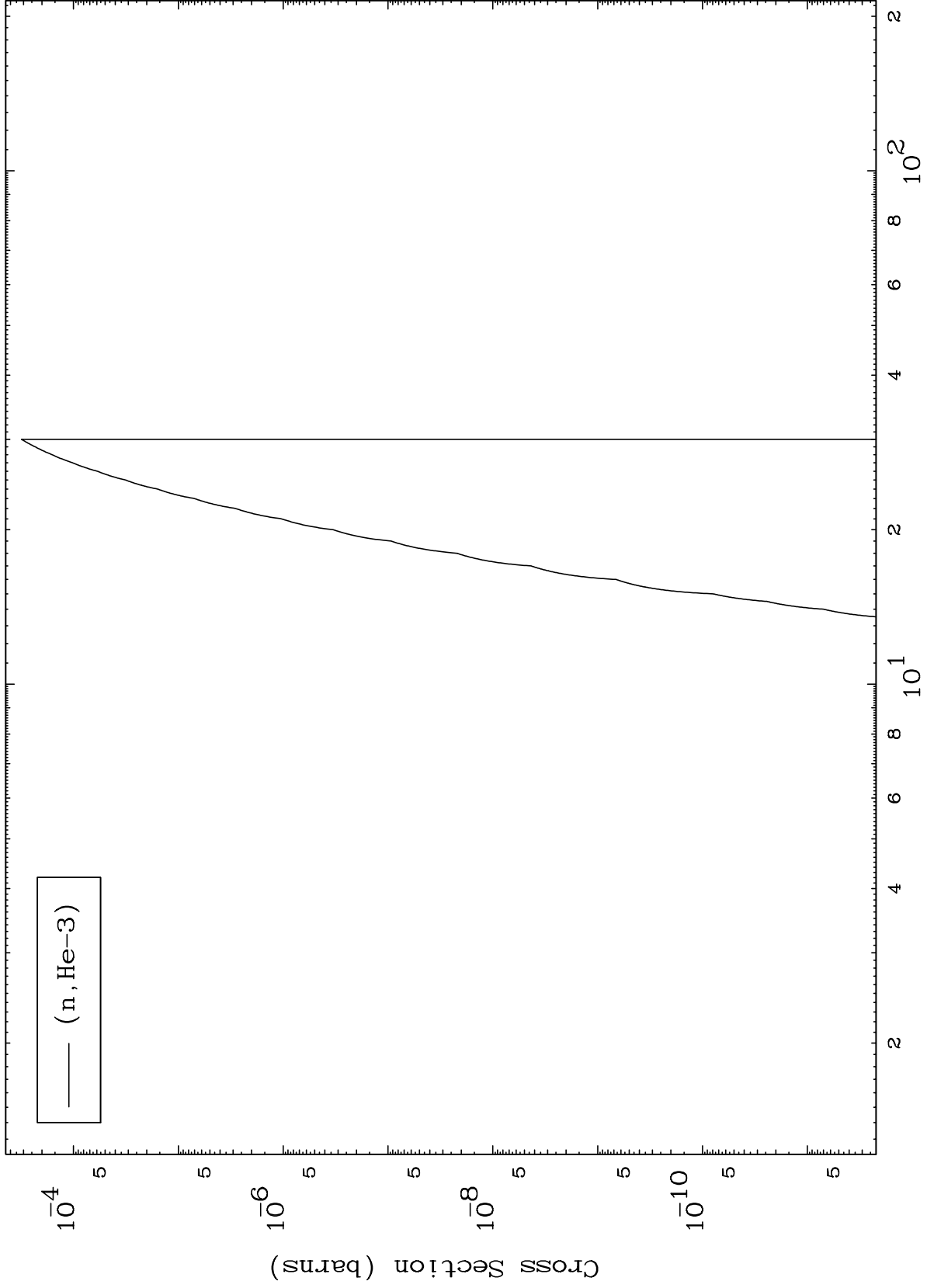
96-Cm-240



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(n,He3) Levels
293 Kelvin Cross Sections

96-Cm-240



12

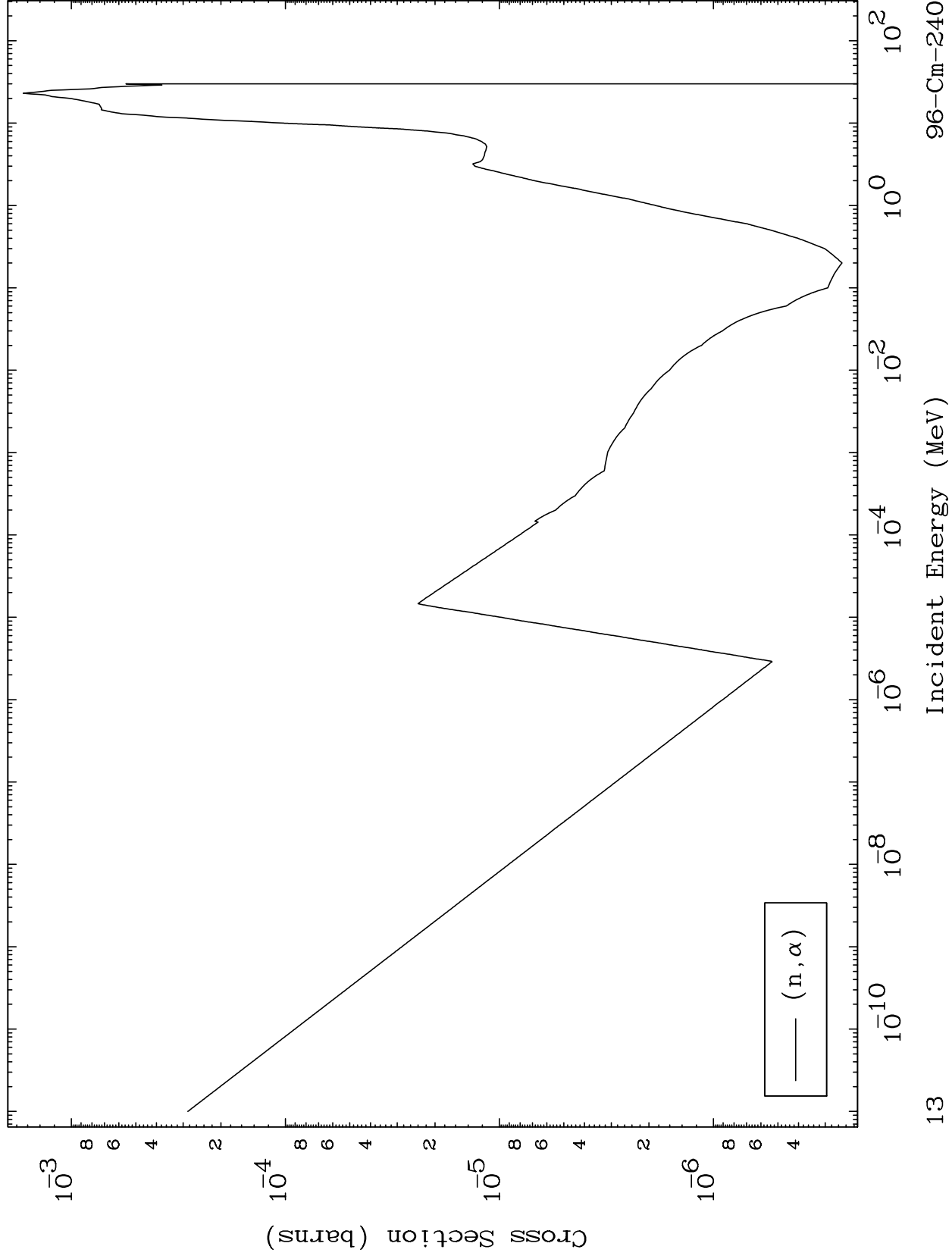
Incident Energy (MeV)

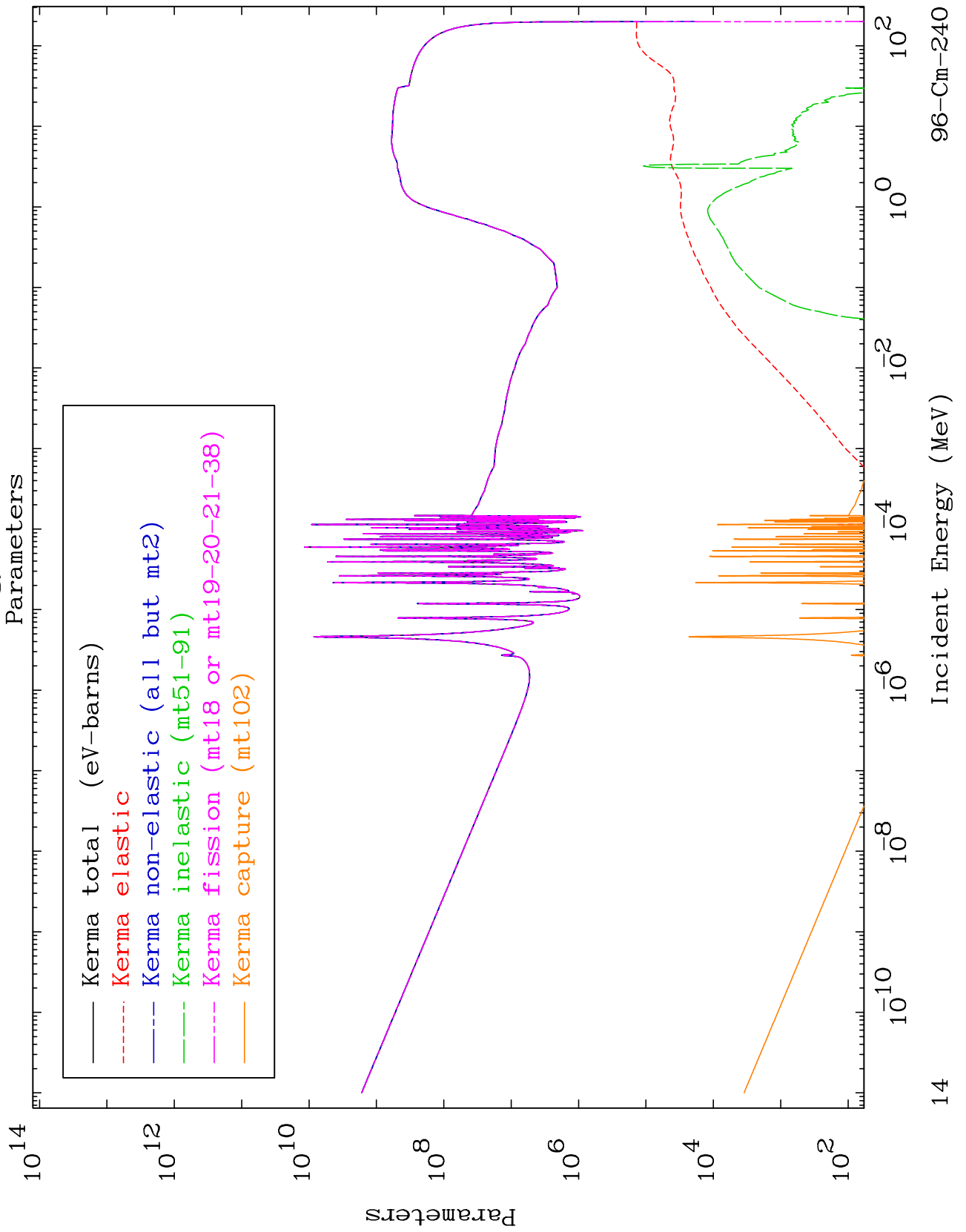
96-Cm-240

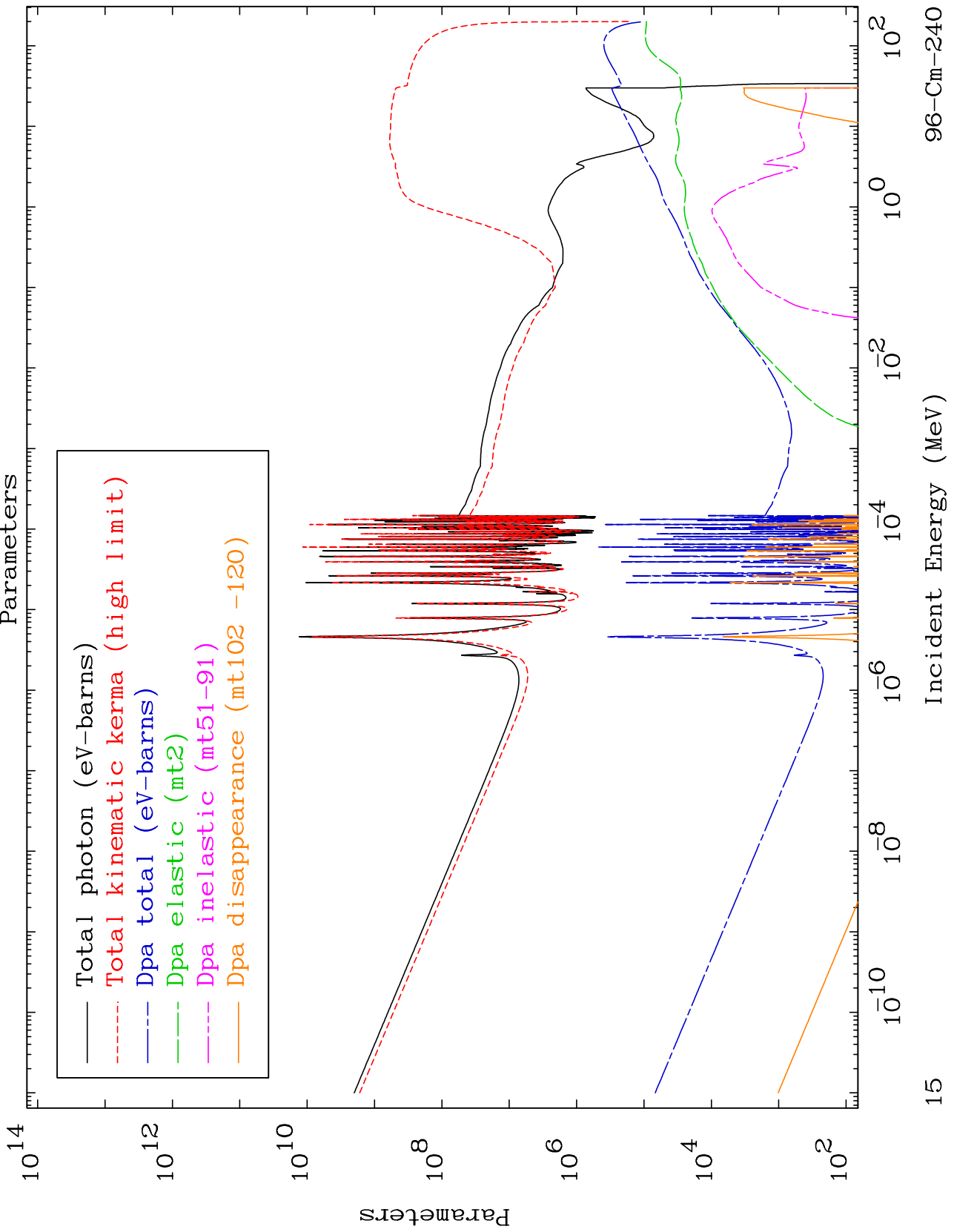
MAT 9625

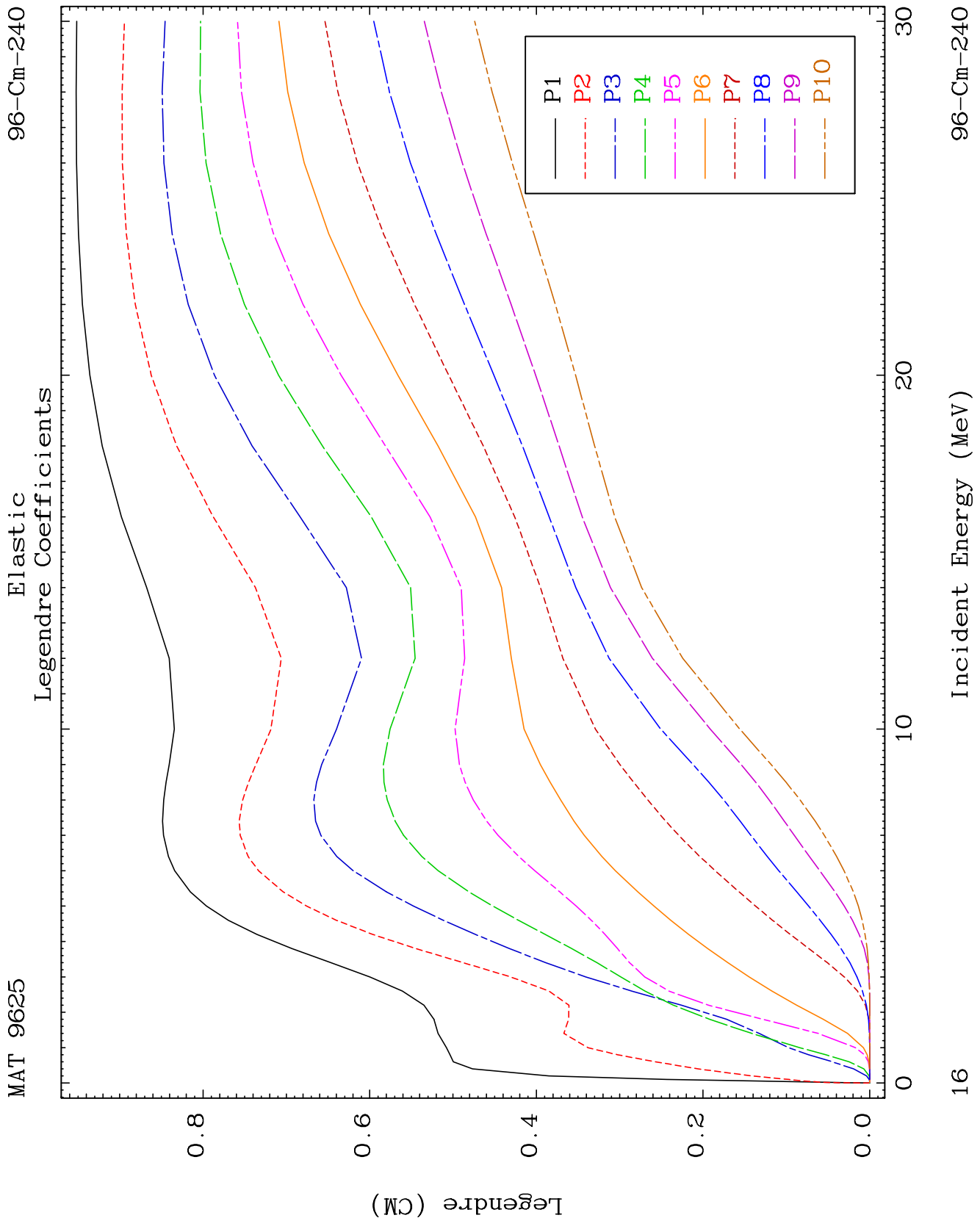
(n, α) Levels
293 Kelvin Cross Sections

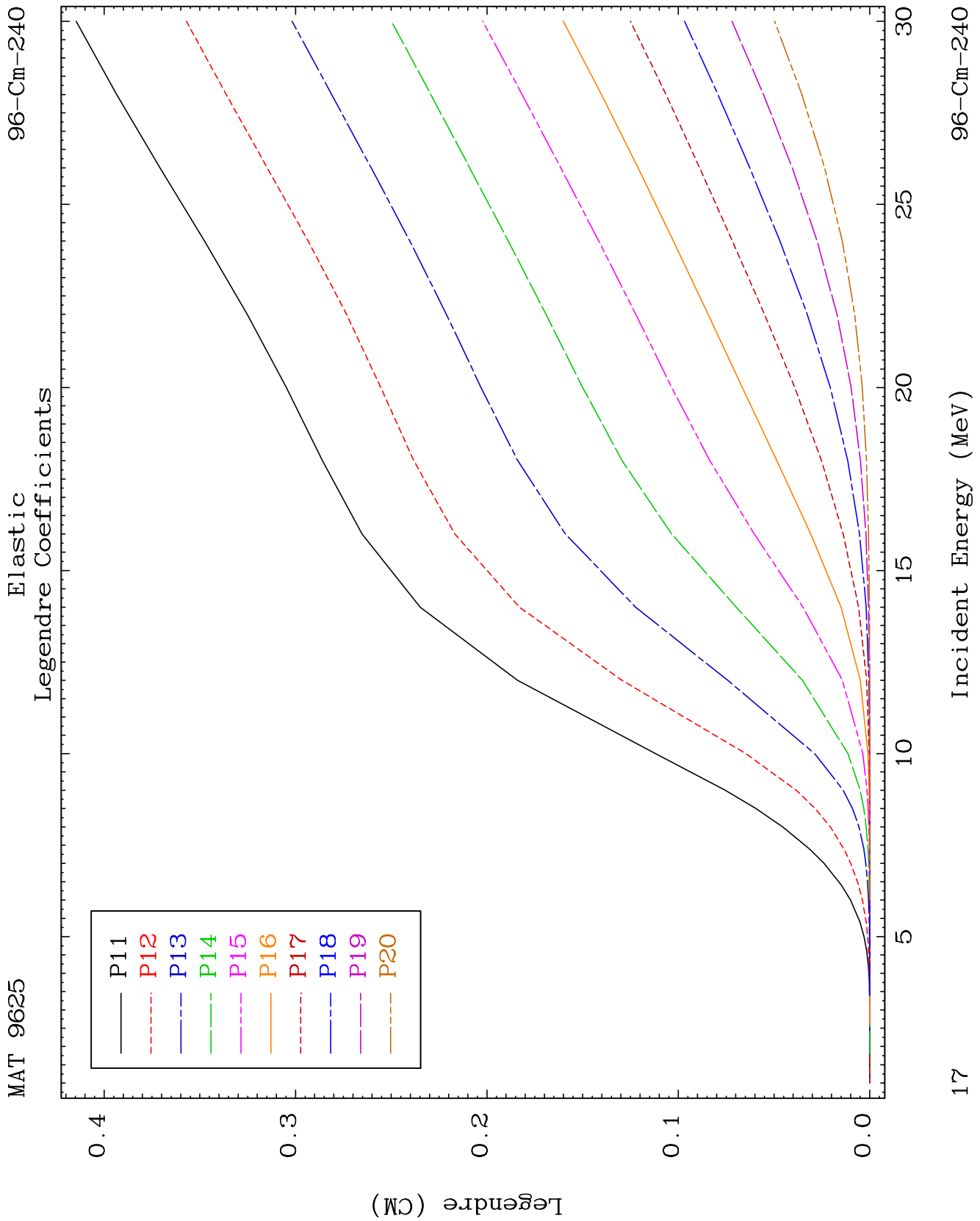
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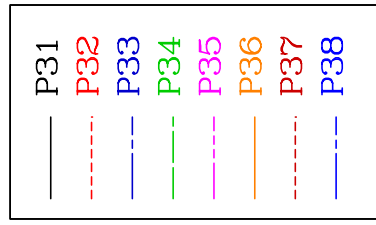




MAT 9625

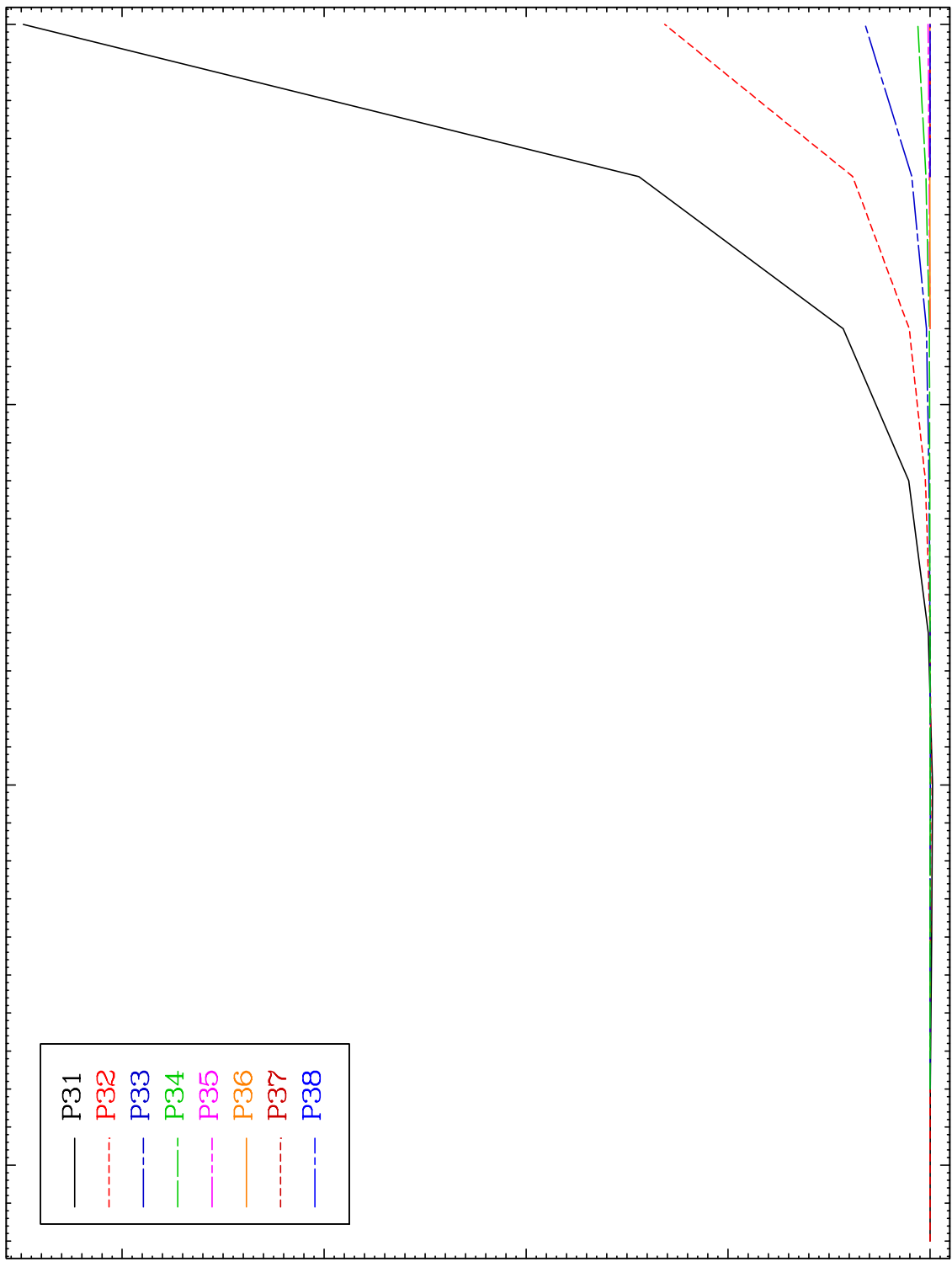
Elastic Legendre Coefficients

96-Cm-240



$\times 10^{-6}$

Legendre (CM)



19

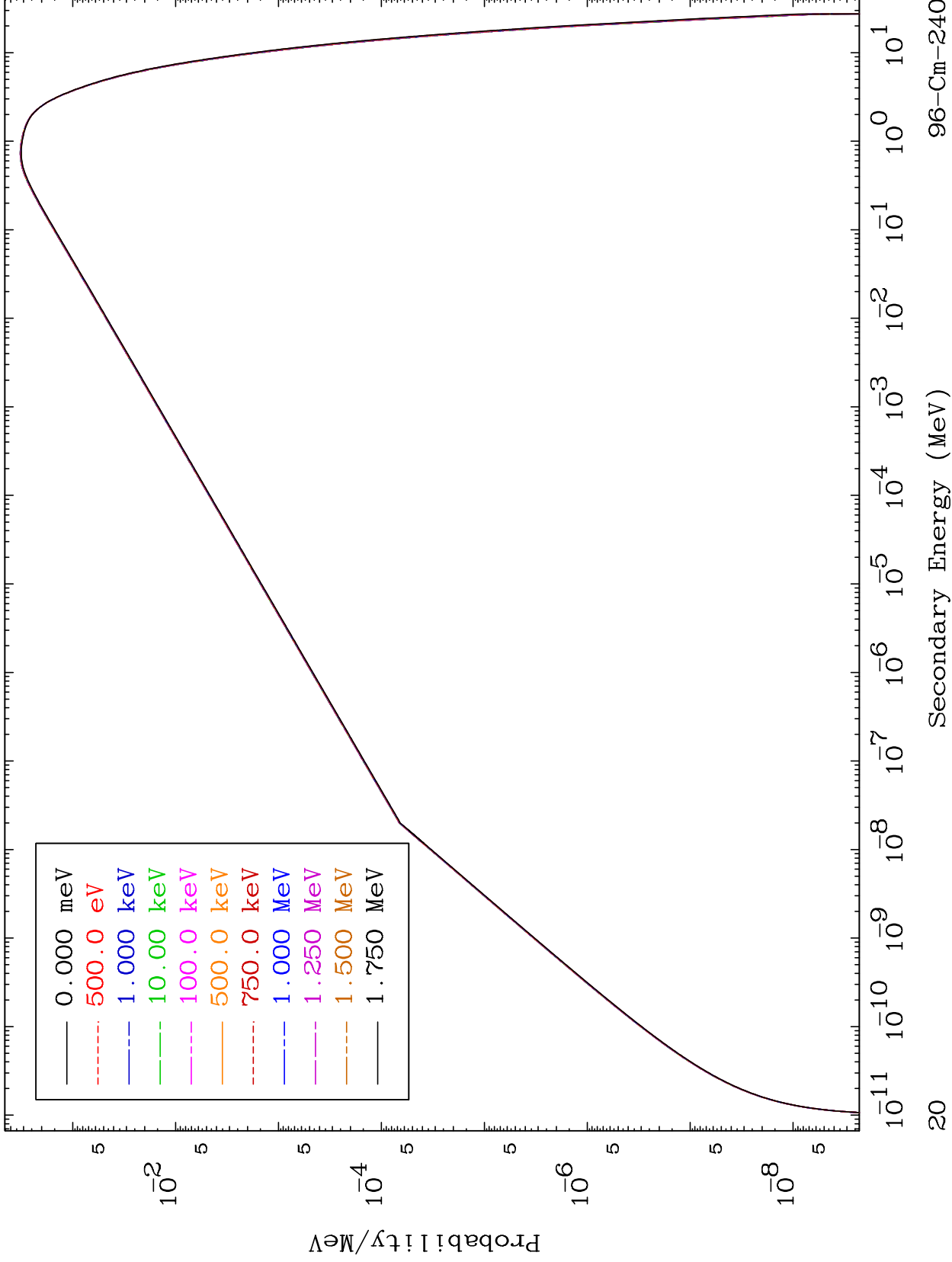
Incident Energy (MeV)

96-Cm-240

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Fission Energy Distribution

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

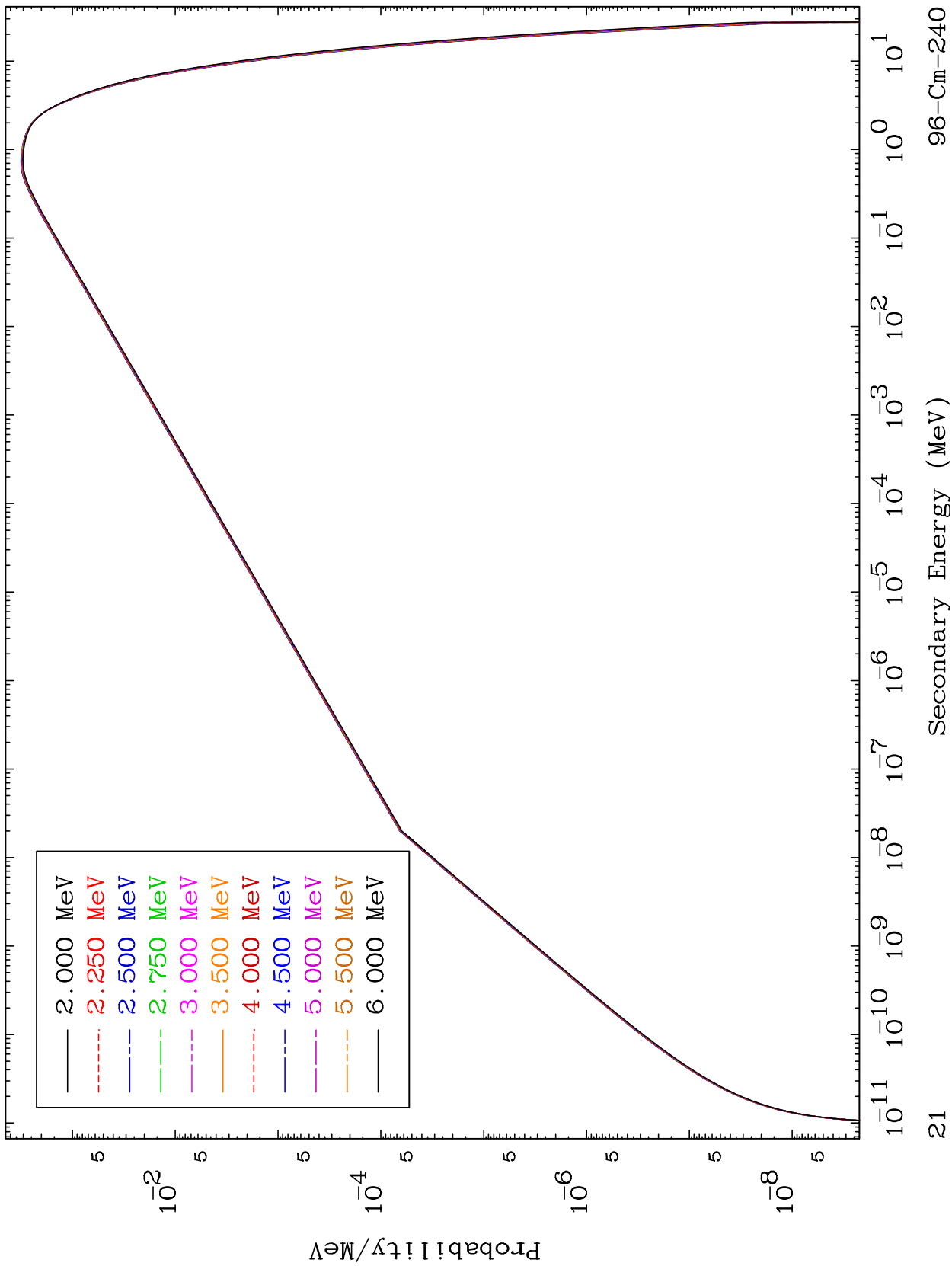
Secondary Energy (MeV)

20

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Fission Energy Distribution

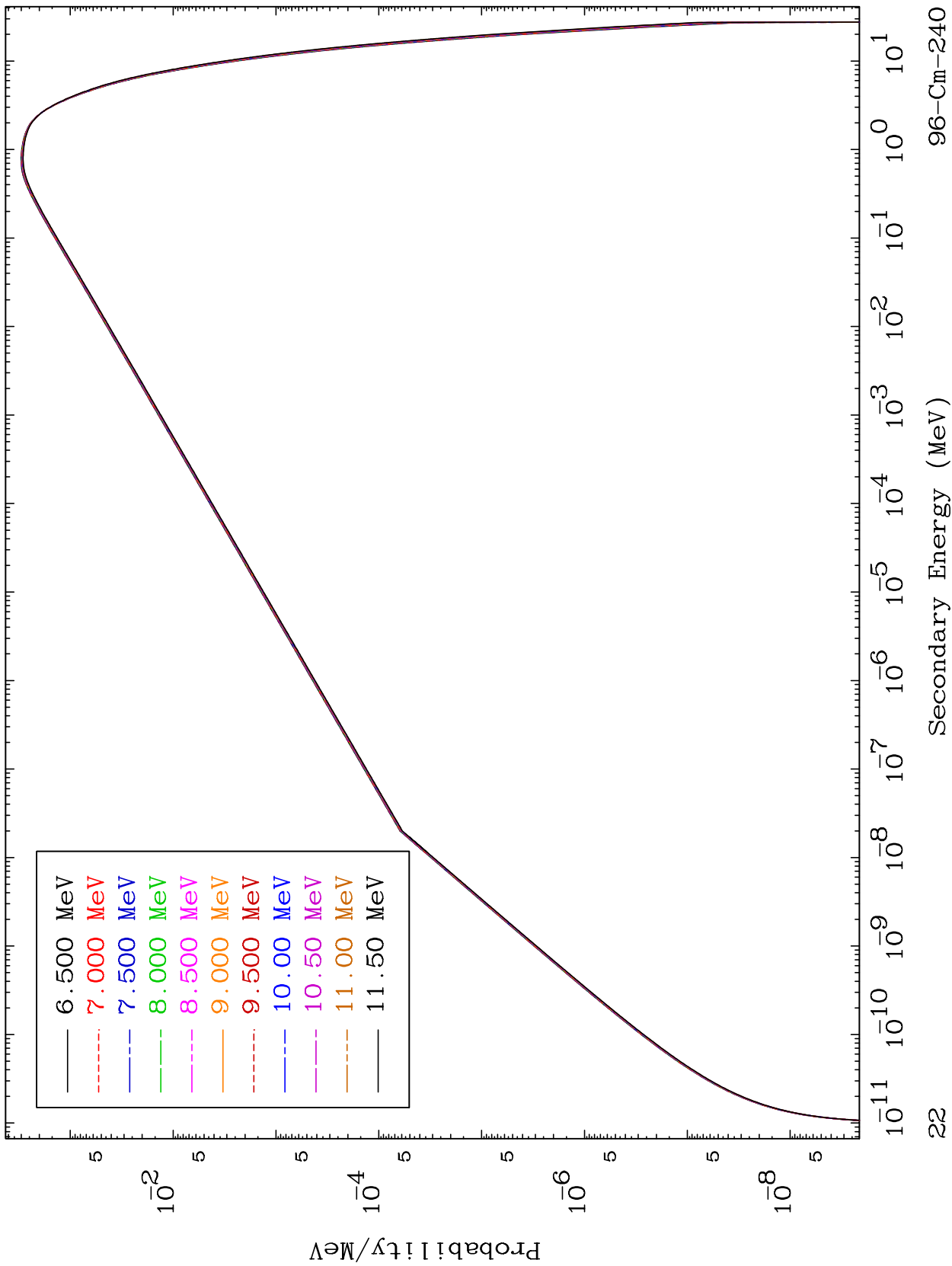
96-Cm-240



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Fission Energy Distribution

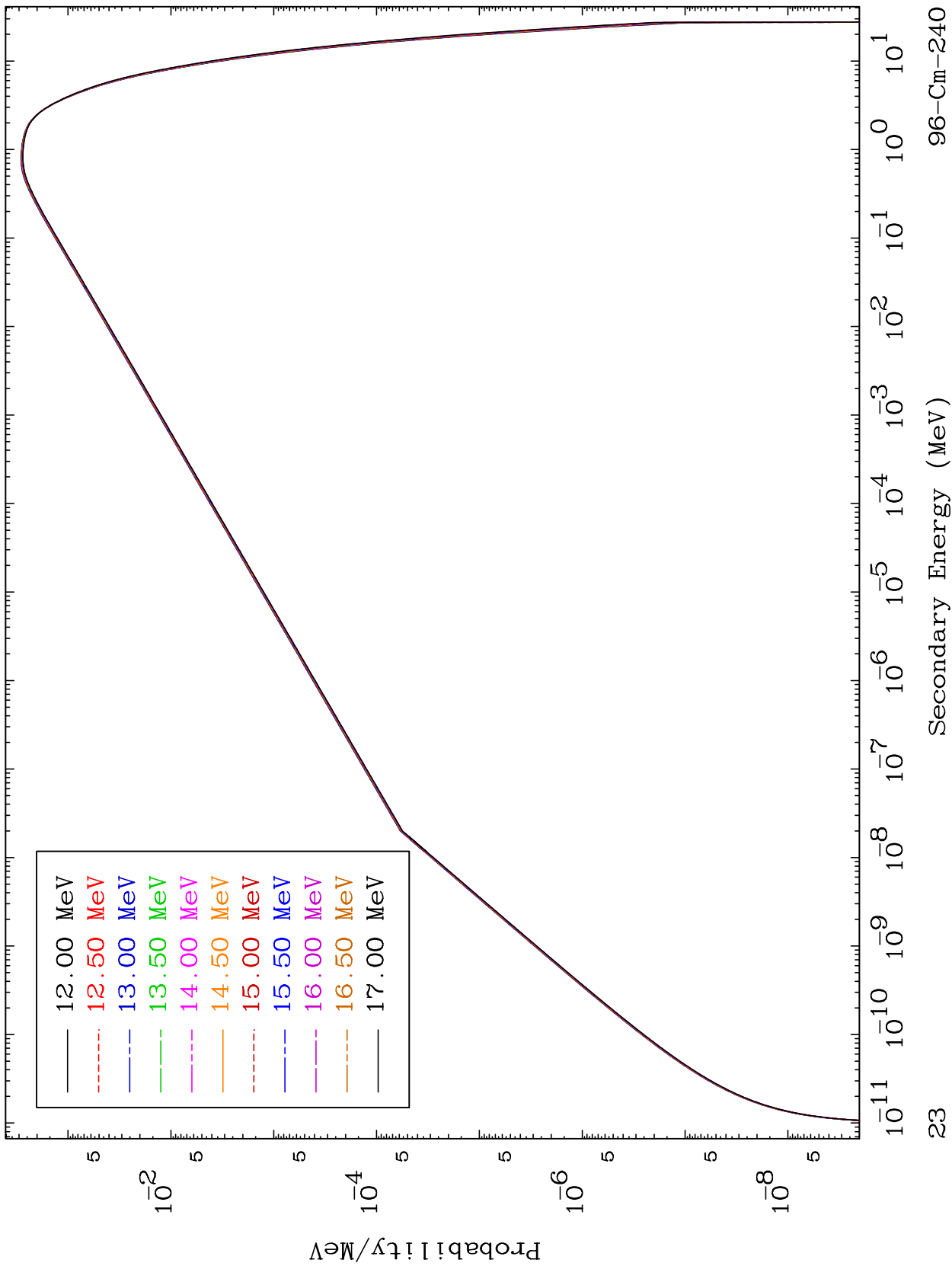
96-Cm-240



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Fission Energy Distribution

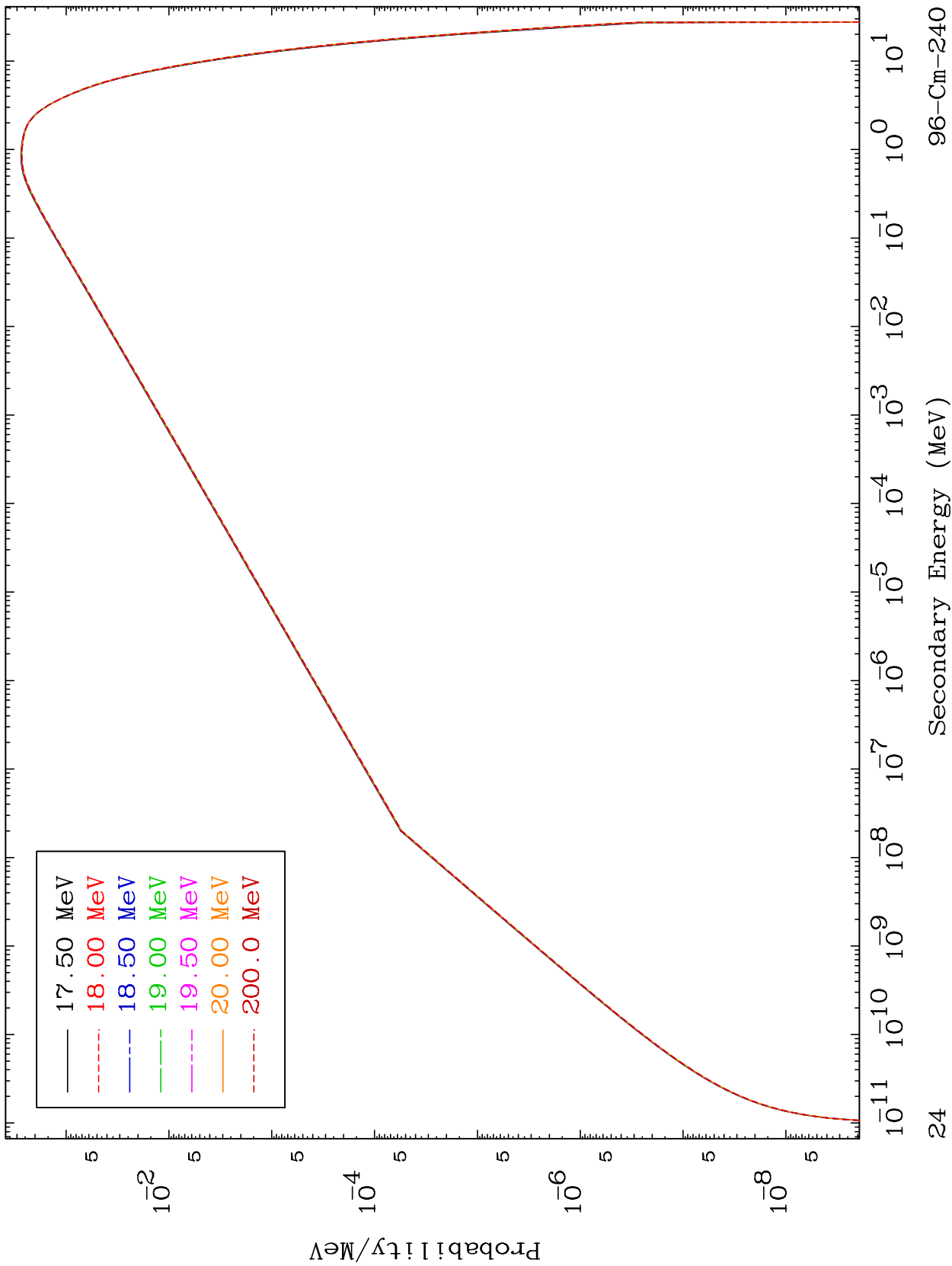
96-Cm-240



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Fission Energy Distribution

96-Cm-240



24

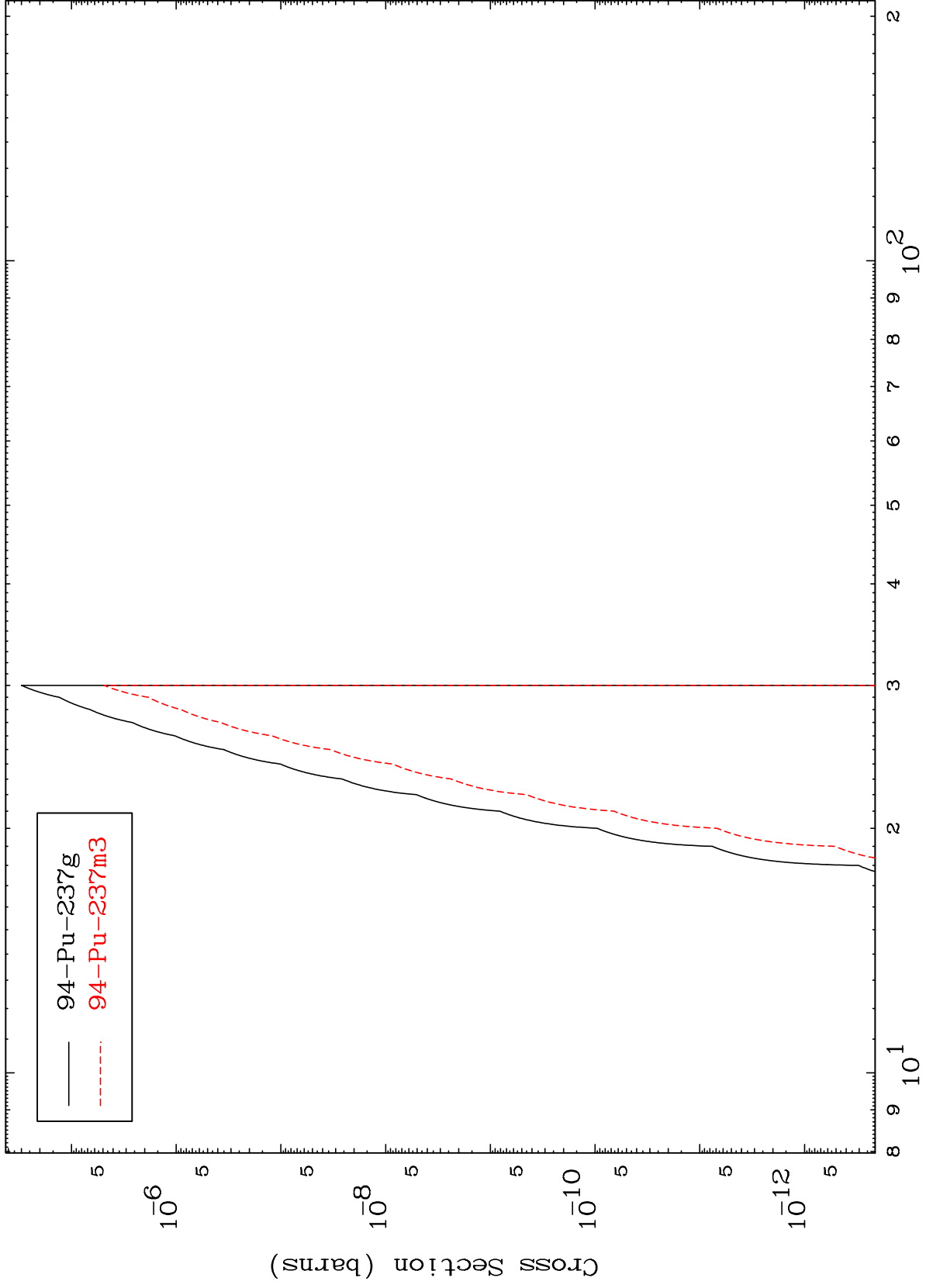
96-Cm-240

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(n,n') He-3

96-Cm-240

Radionuclide Production Cross Section



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

25

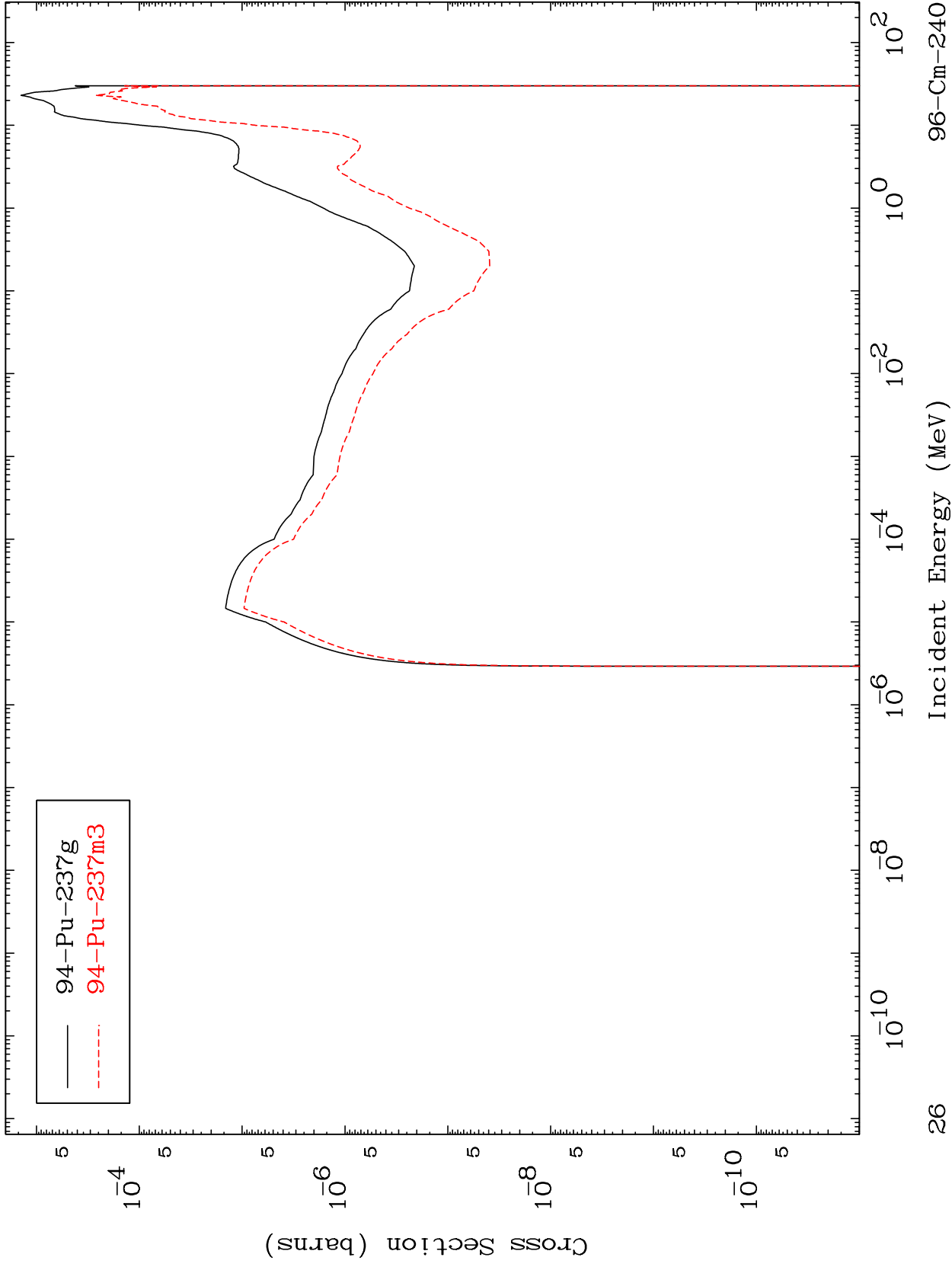
Incident Energy (MeV)

96-Cm-240

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96-Cm-240

Radionuclide Production Cross Section



MAT 9625

(n,p) α

96-Cm-240

Radionuclide Production Cross Section

