

Program EVALPLOT
(Version 2021-1)

by

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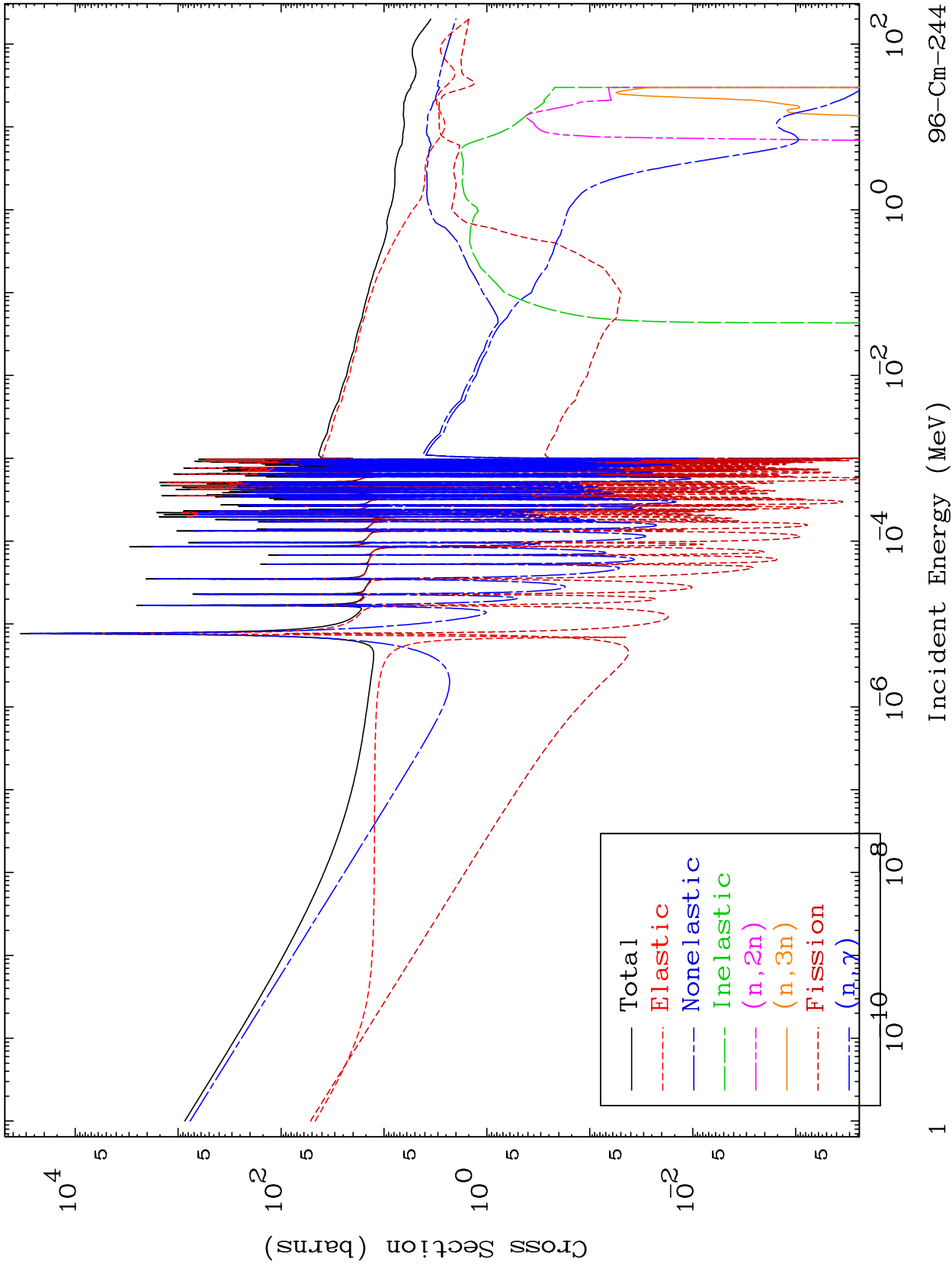
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9637

Neutron Major
293 Kelvin Cross Sections

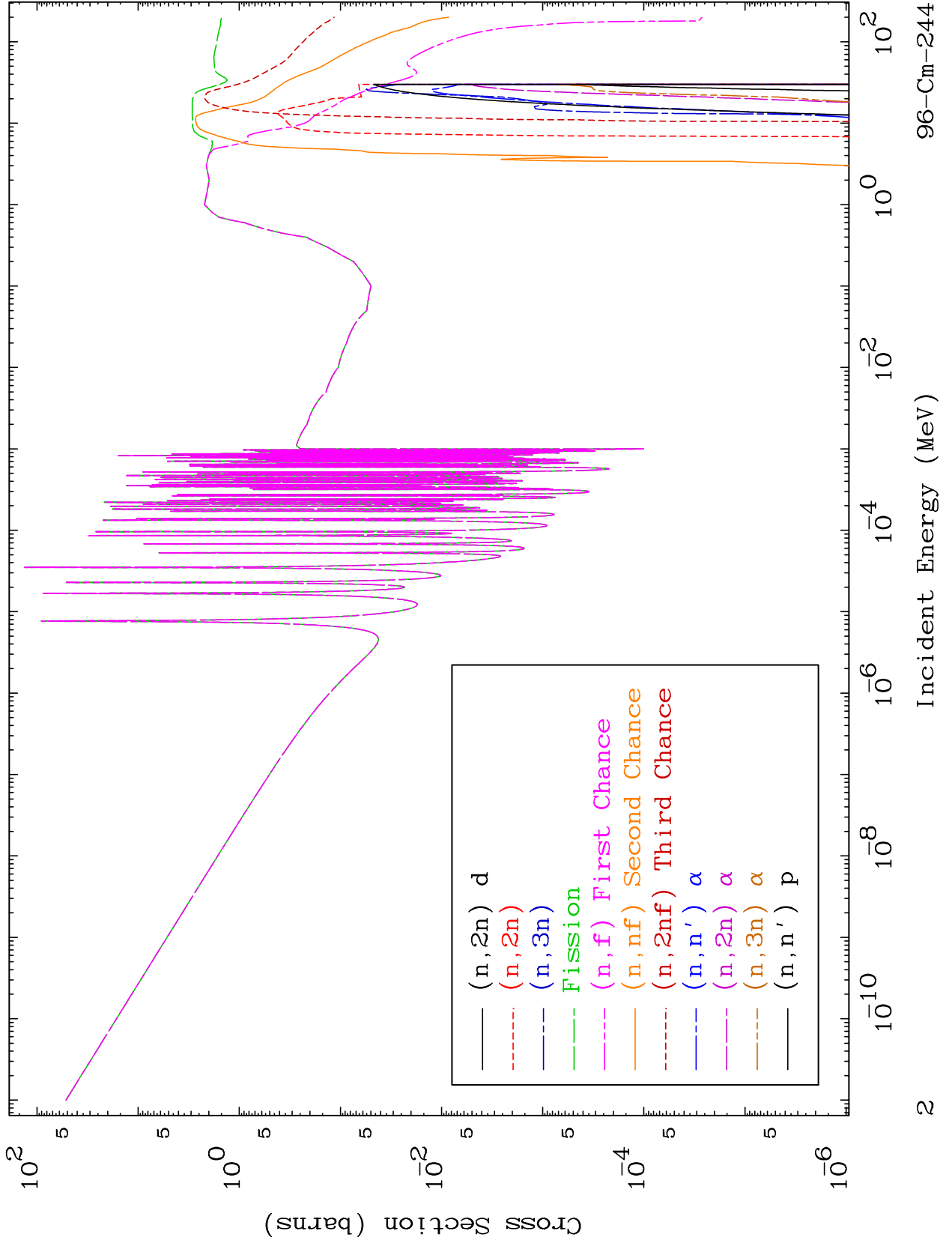
96-Cm-244



MAT 9637

Neutron Absorption
293 Kelvin Cross Sections

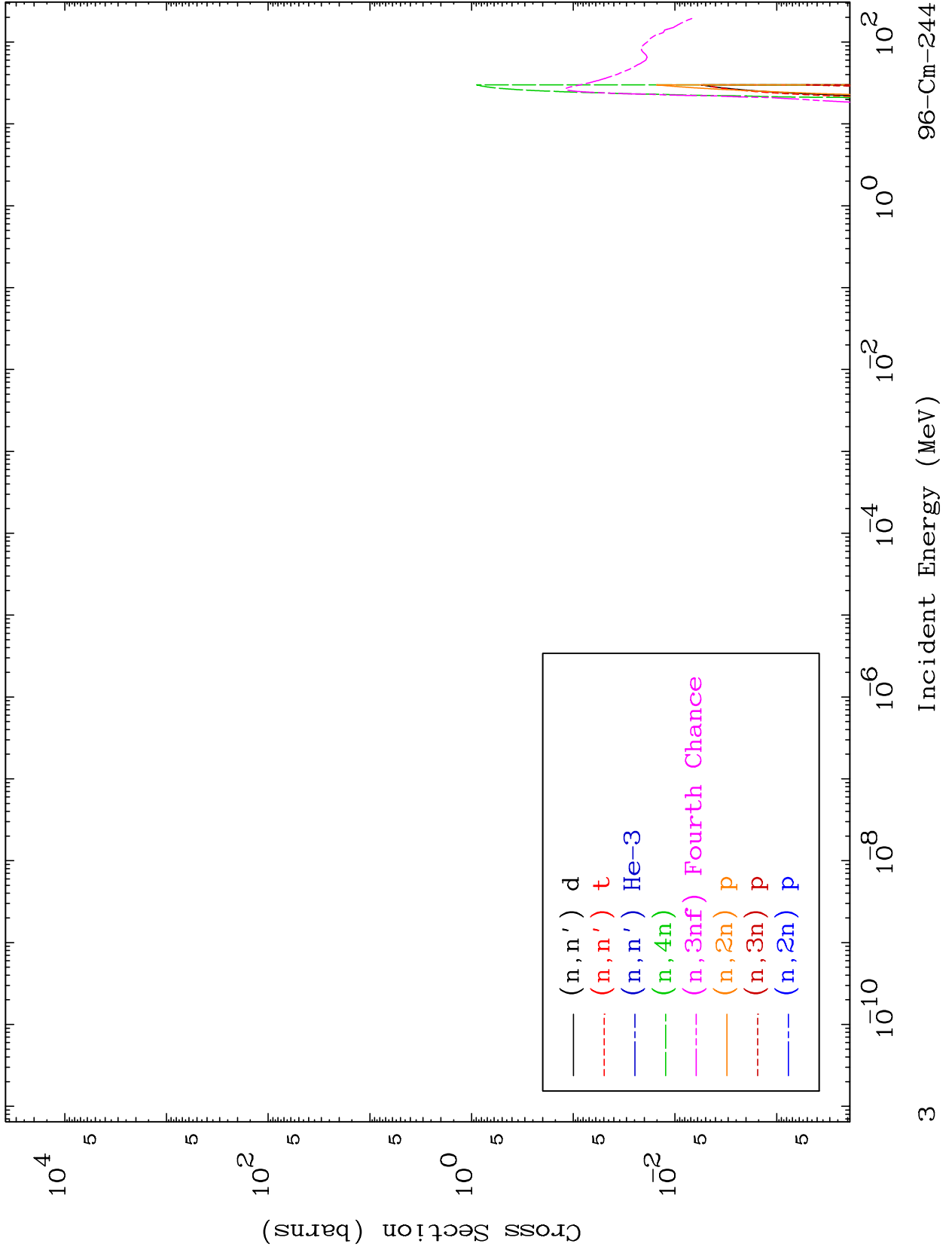
96-Cm-244



MAT 9637

Neutron Absorption
293 Kelvin Cross Sections

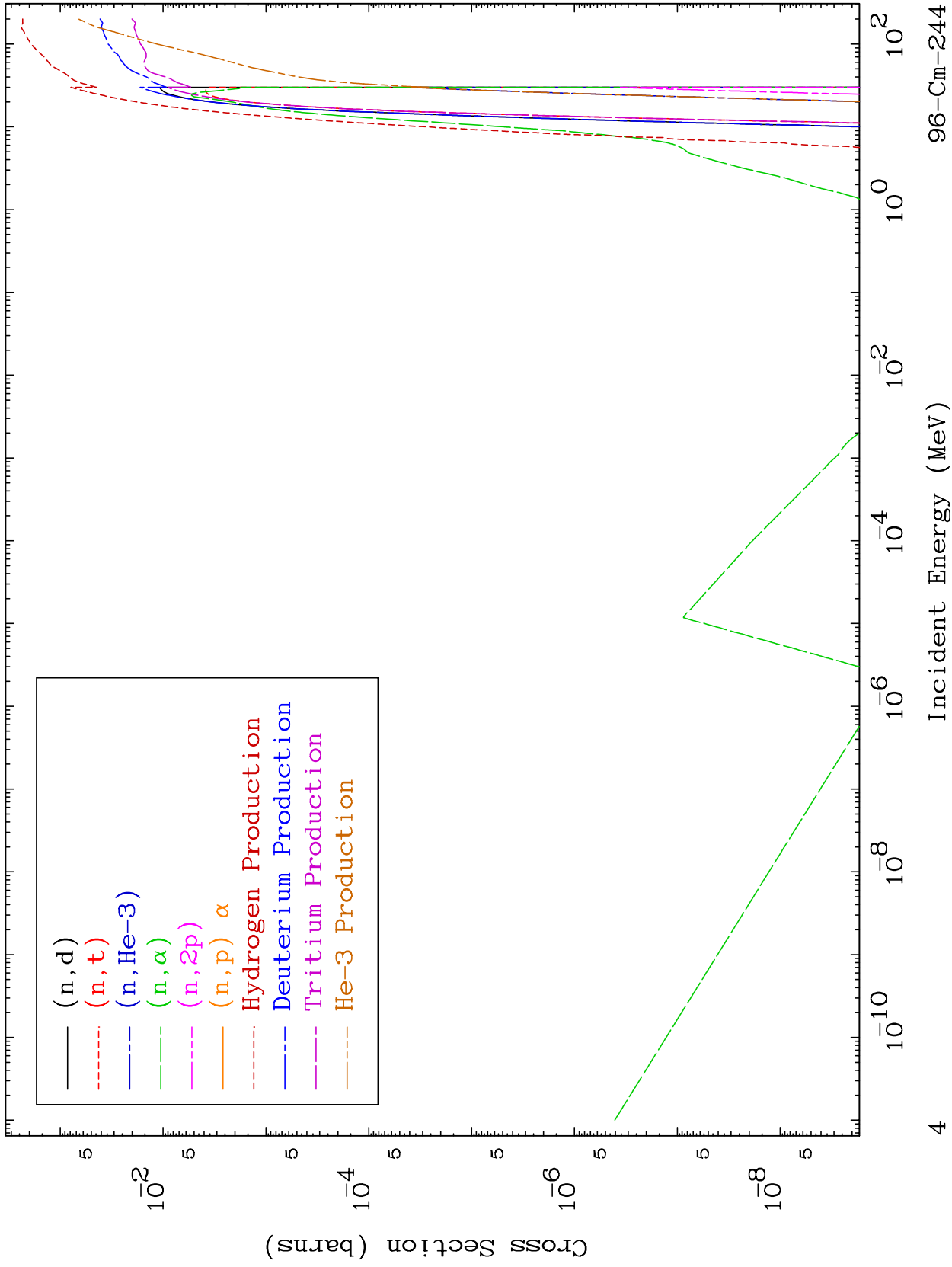
96-Cm-244



MAT 9637

Neutron Absorption
293 Kelvin Cross Sections

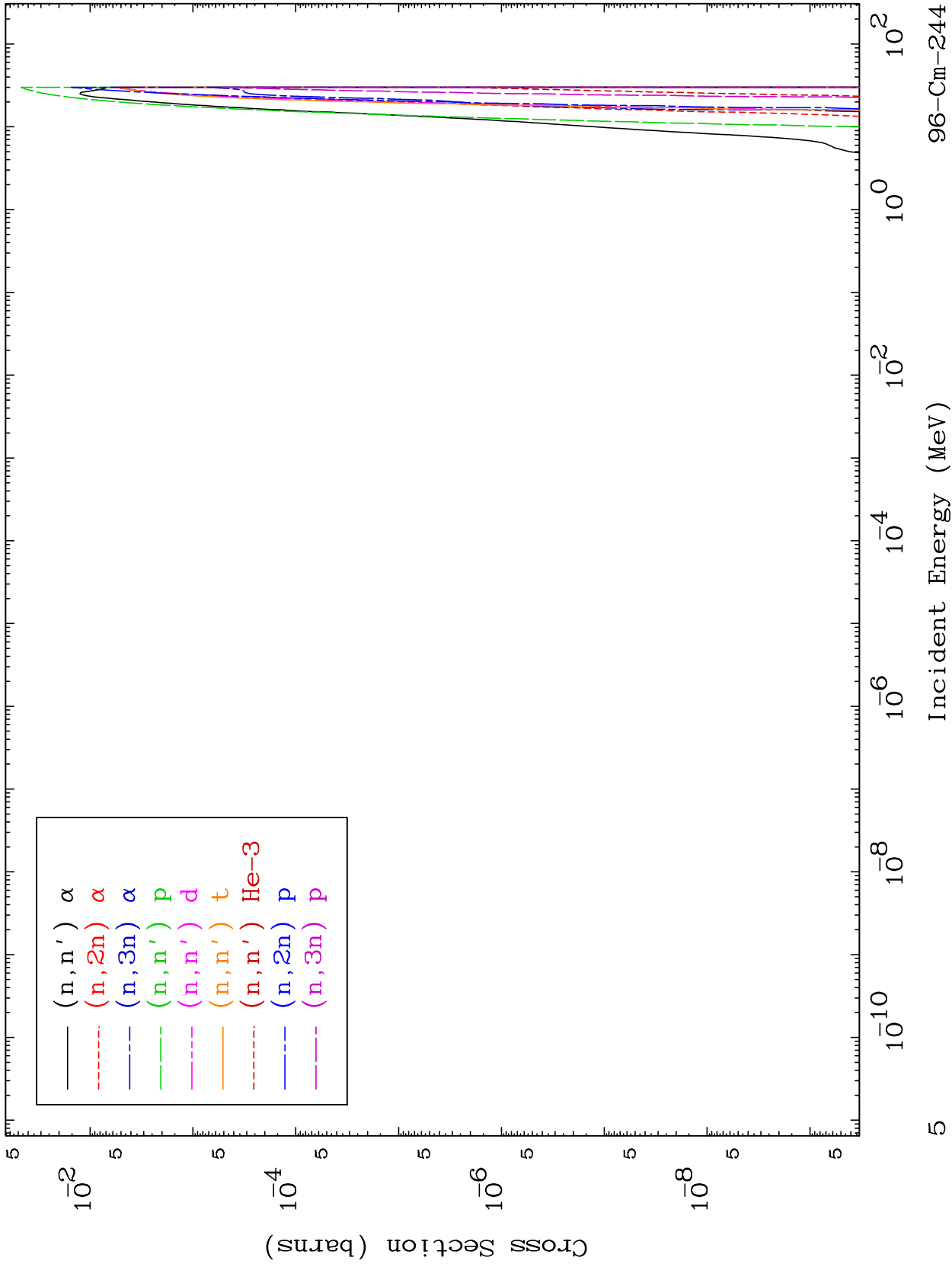
96-Cm-244



MAT 9637

Charged Particle
293 Kelvin Cross Sections

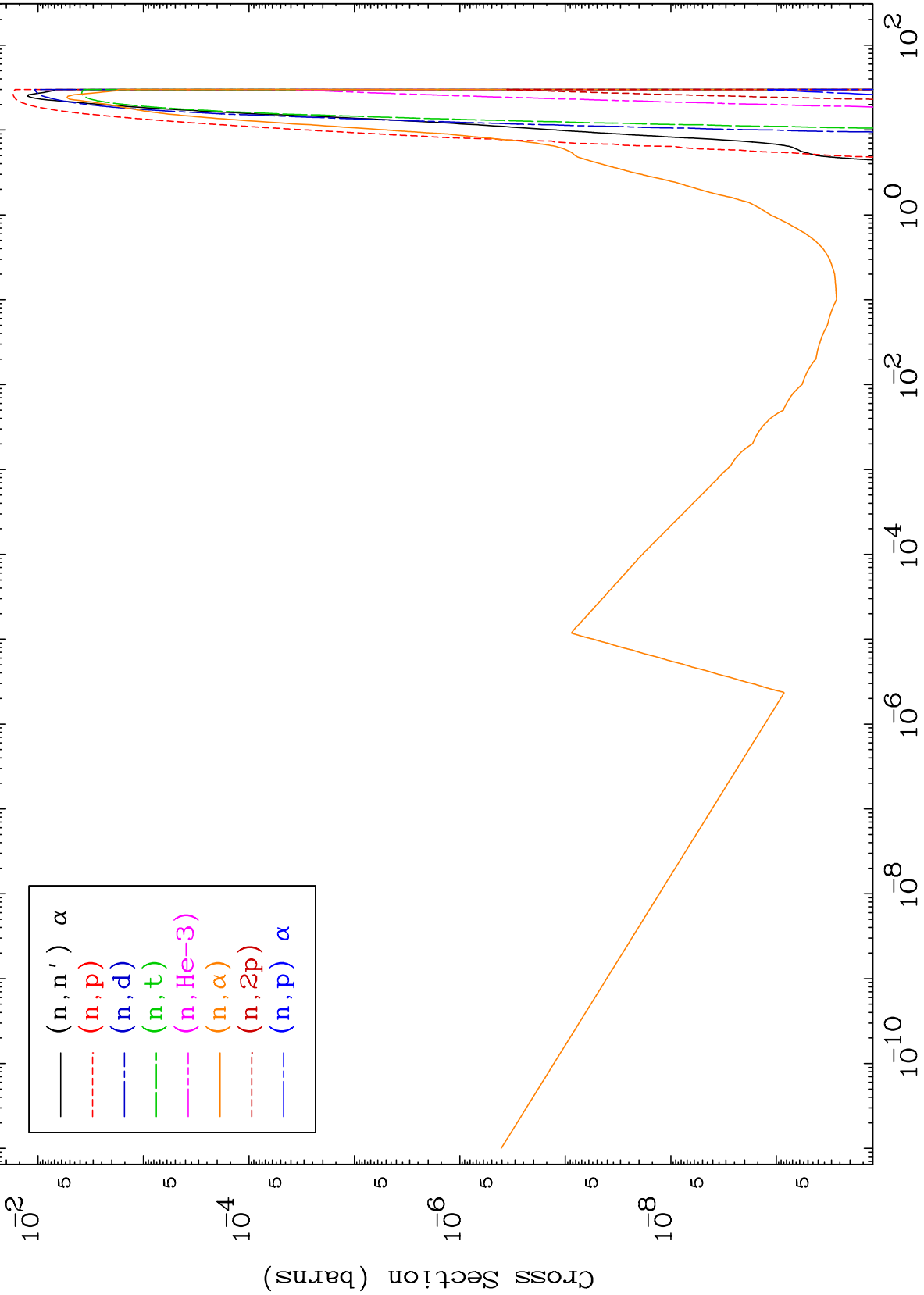
96-Cm-244



MAT 9637

Charged Particle
293 Kelvin Cross Sections

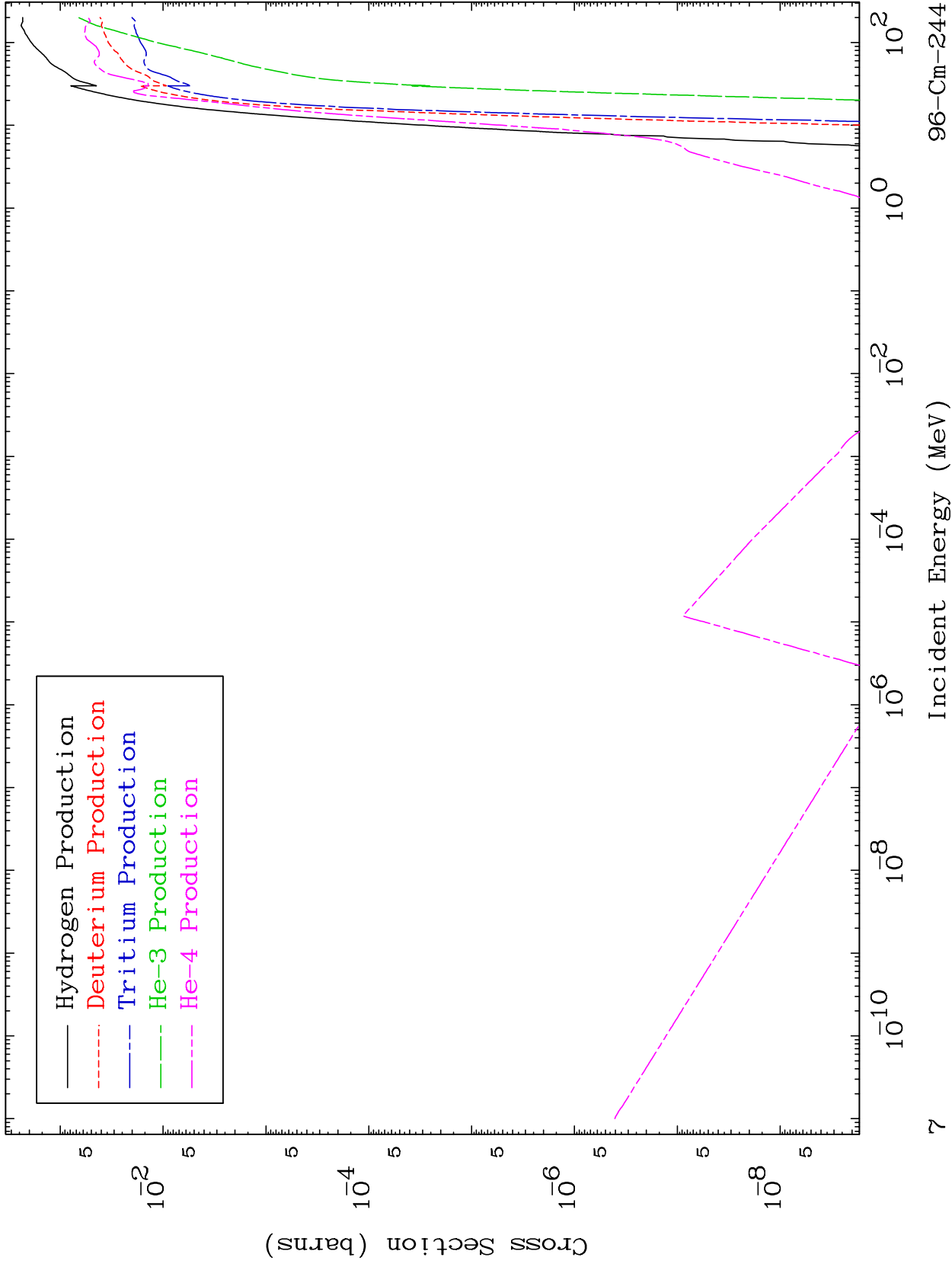
96-Cm-244



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Particle Production
293 Kelvin Cross Sections

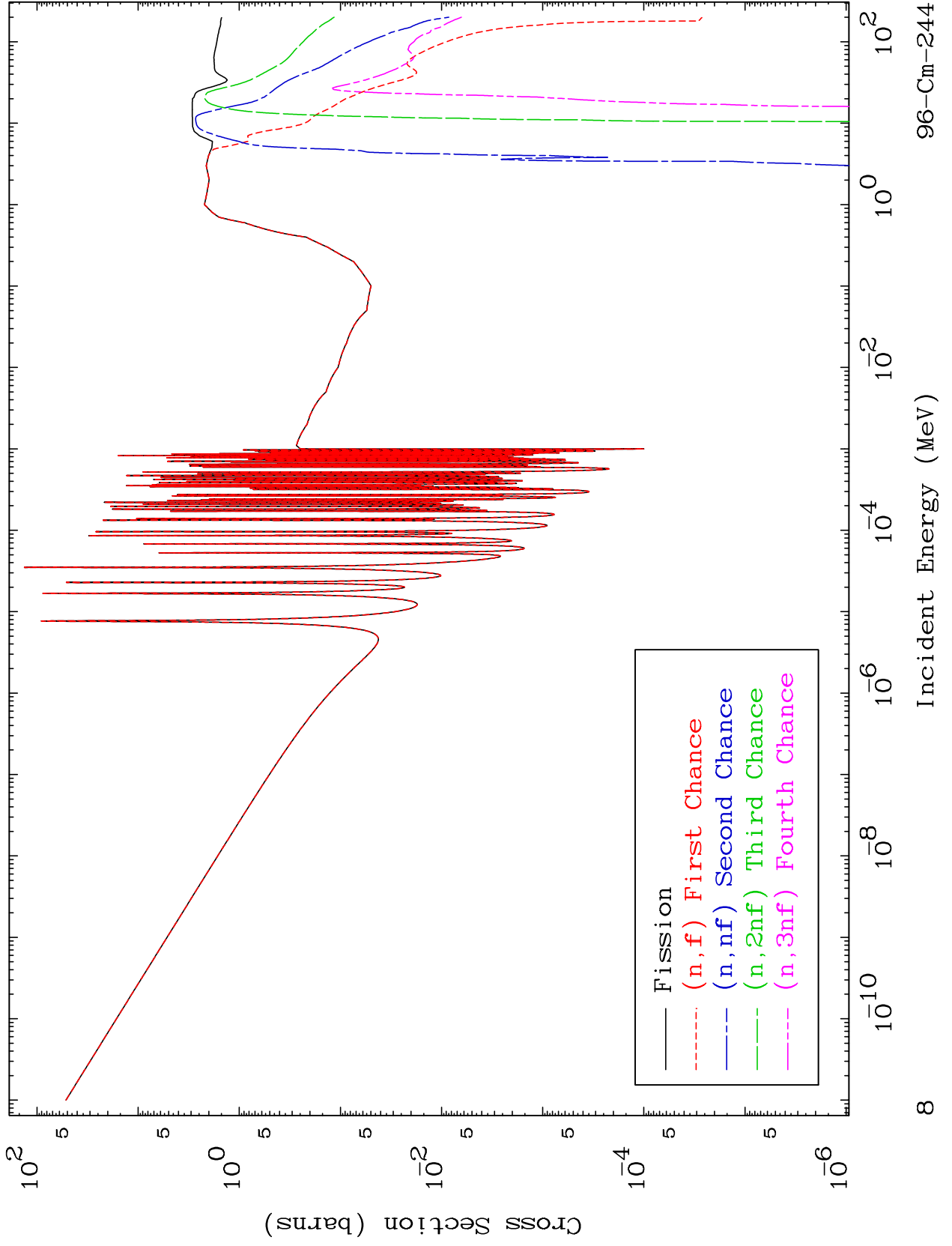
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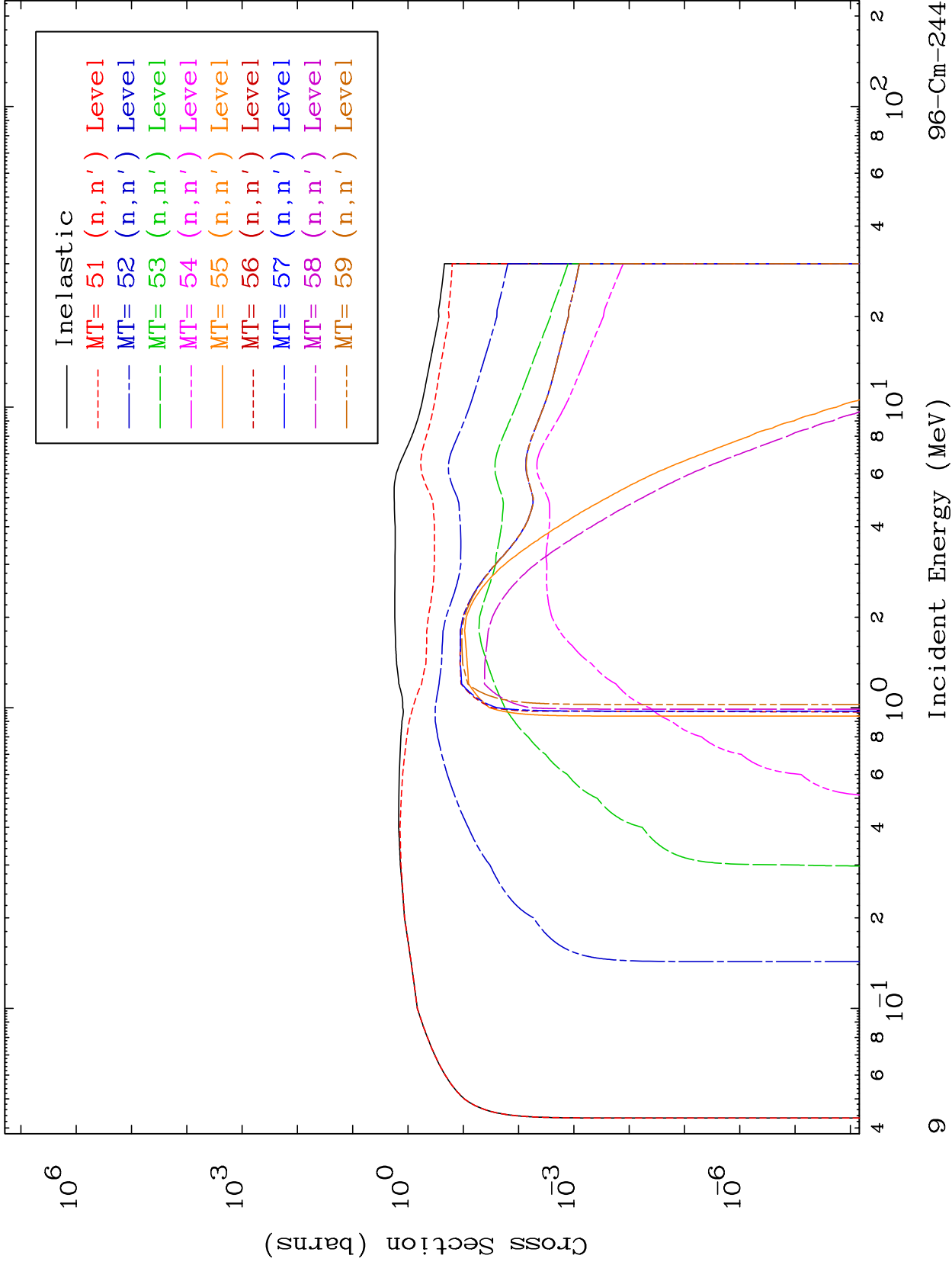


MAT 9637

Fission
293 Kelvin Cross Sections

96-Cm-244



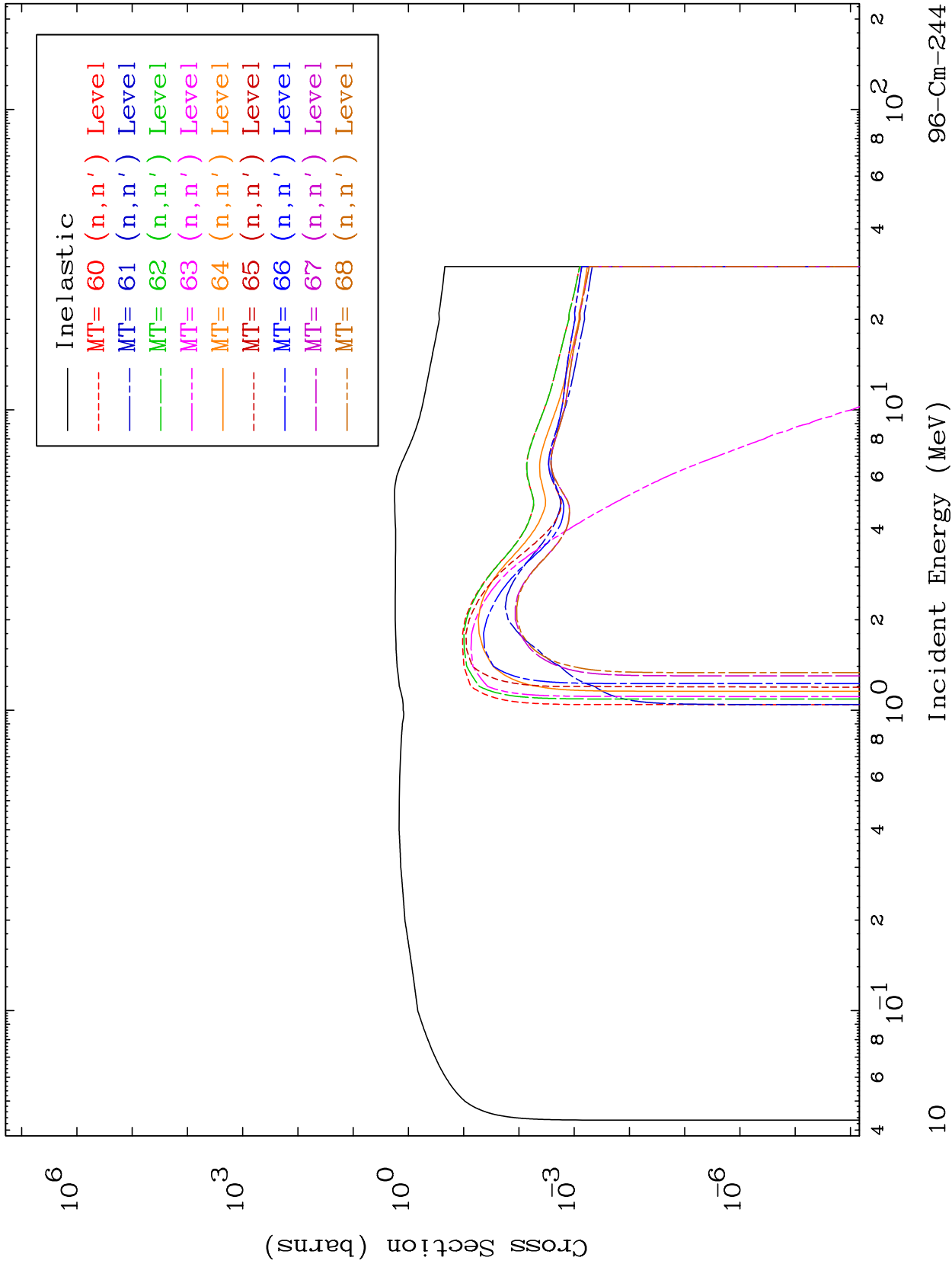


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(n,n') Levels

293 Kelvin Cross Sections

96-Cm-244



10

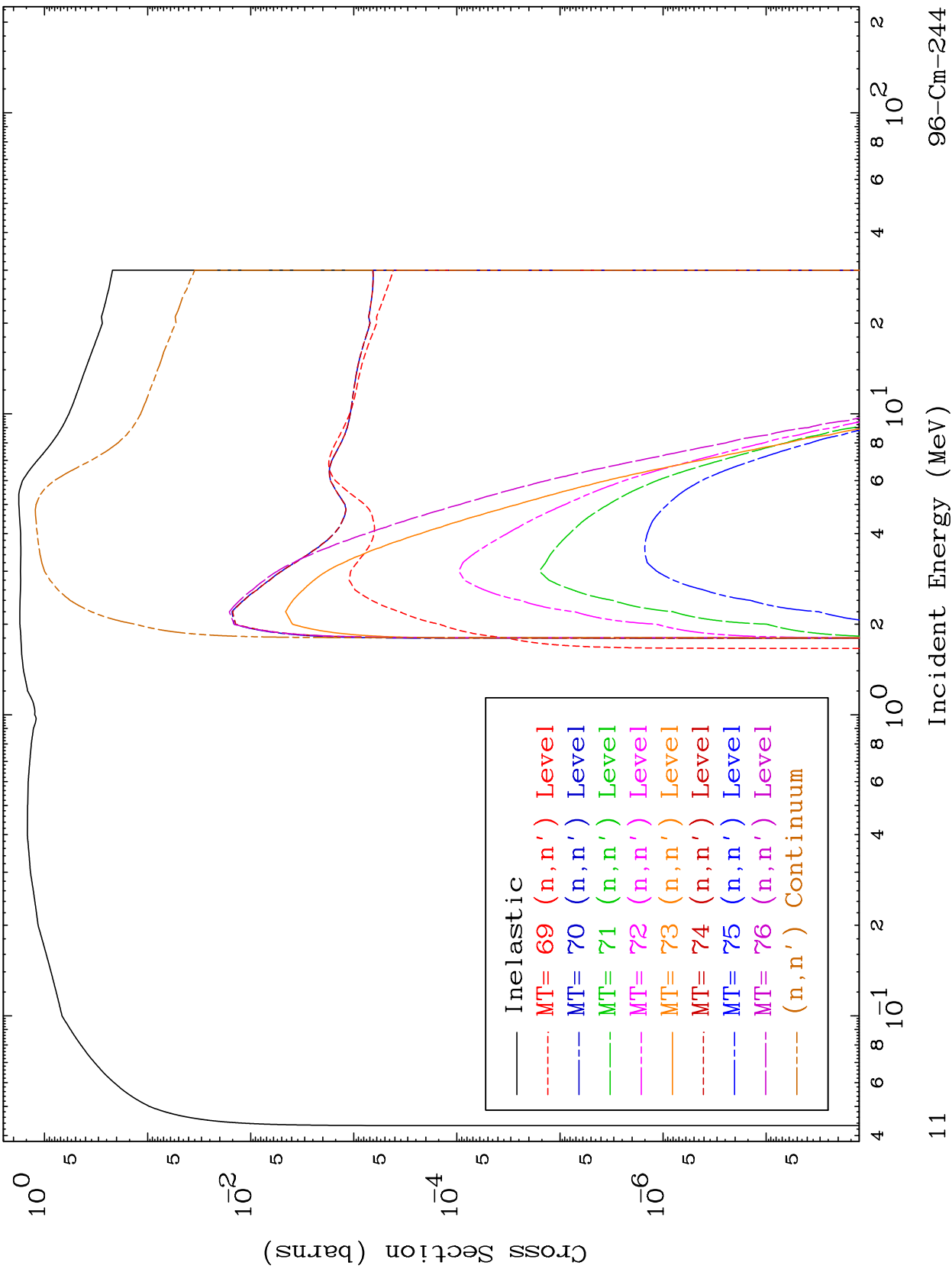
Incident Energy (MeV)

96-Cm-244

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96-Cm-244

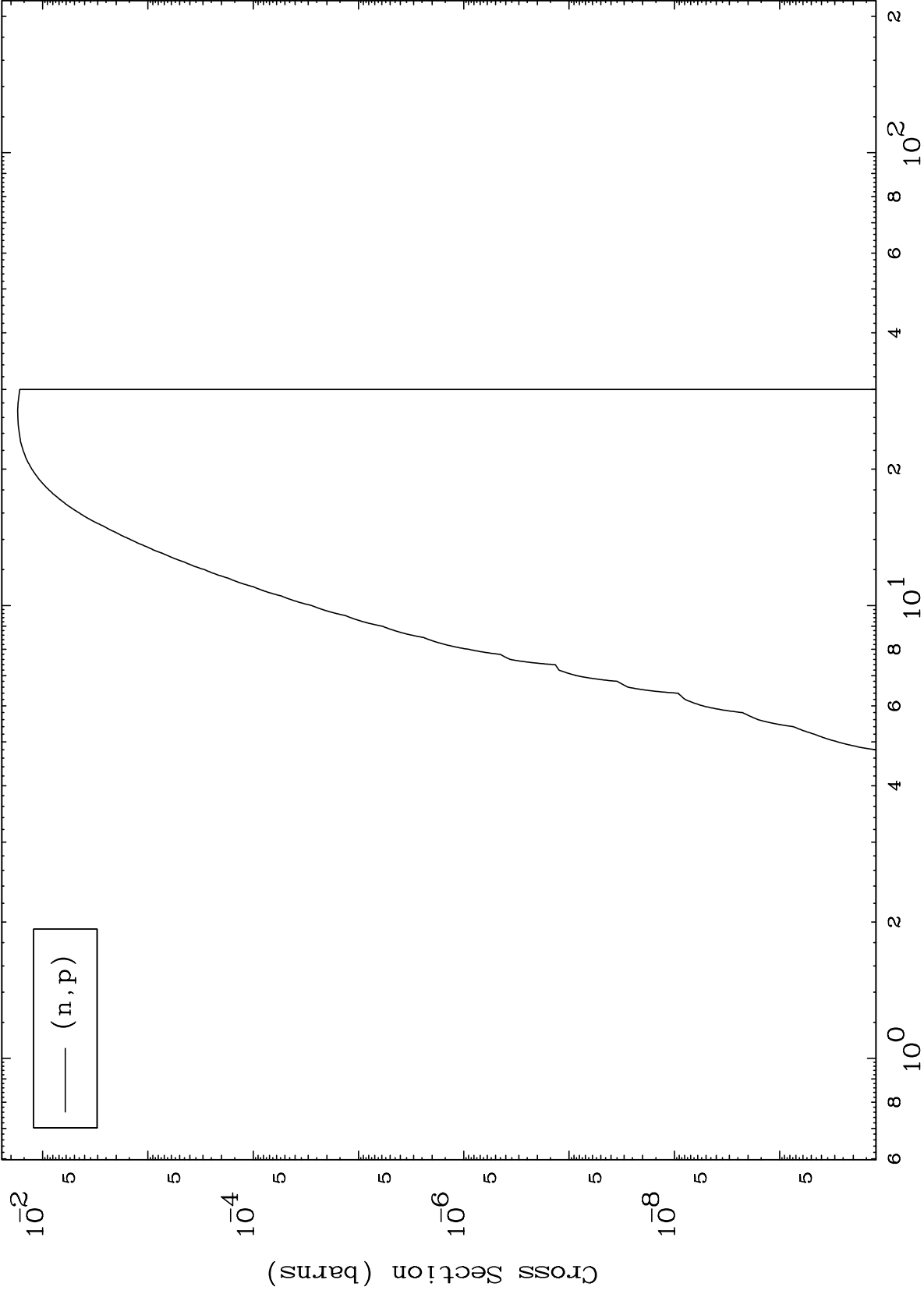
293 Kelvin Cross Sections
(n,n') Levels



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(n,p) Levels
293 Kelvin Cross Sections

96-Cm-244



12

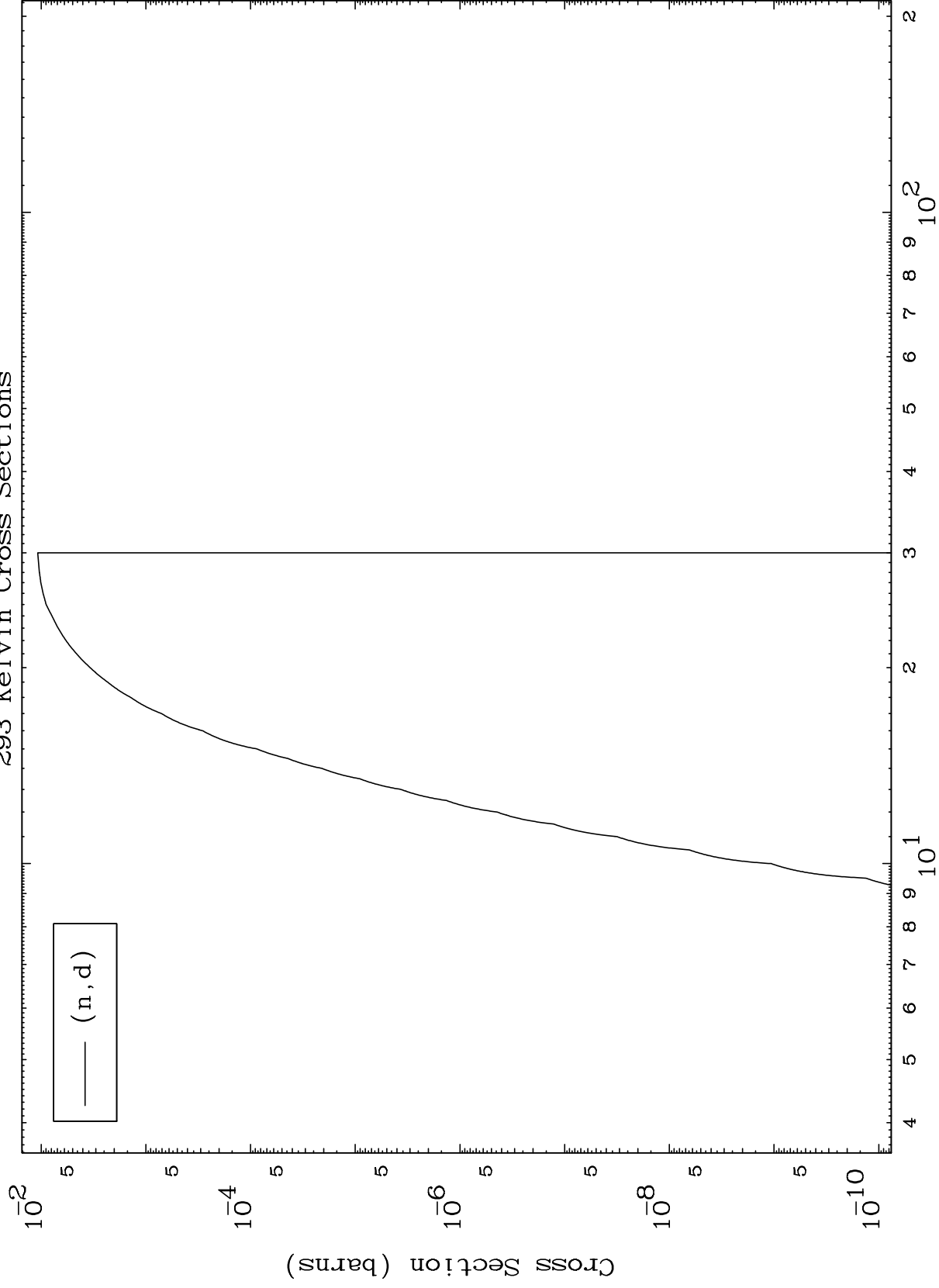
Incident Energy (MeV)

96-Cm-244

MAT 9637

(n,d) Levels
293 Kelvin Cross Sections

96-Cm-244



13

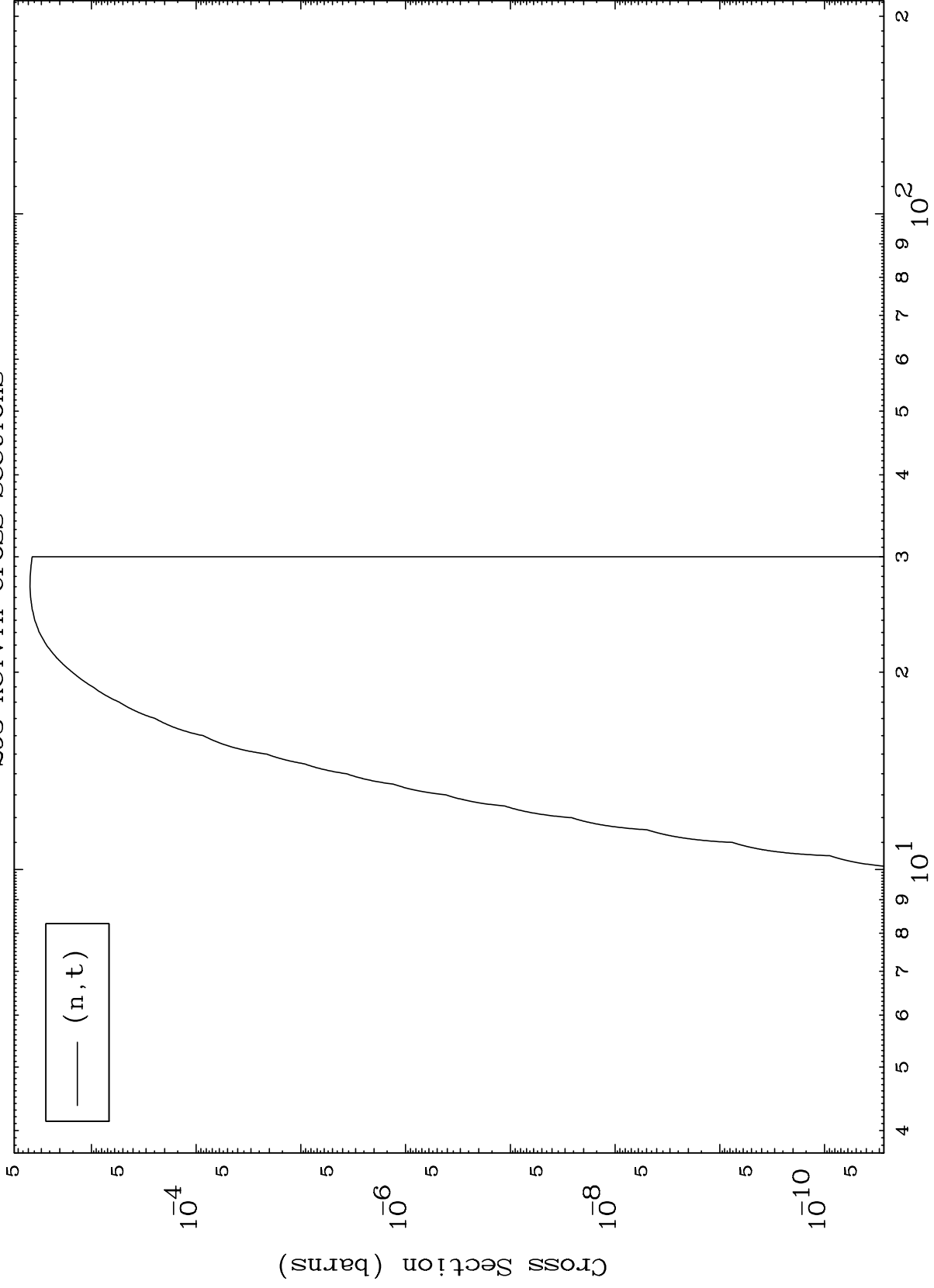
Incident Energy (MeV)

96-Cm-244

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(n,t) Levels
293 Kelvin Cross Sections

96-Cm-244



14

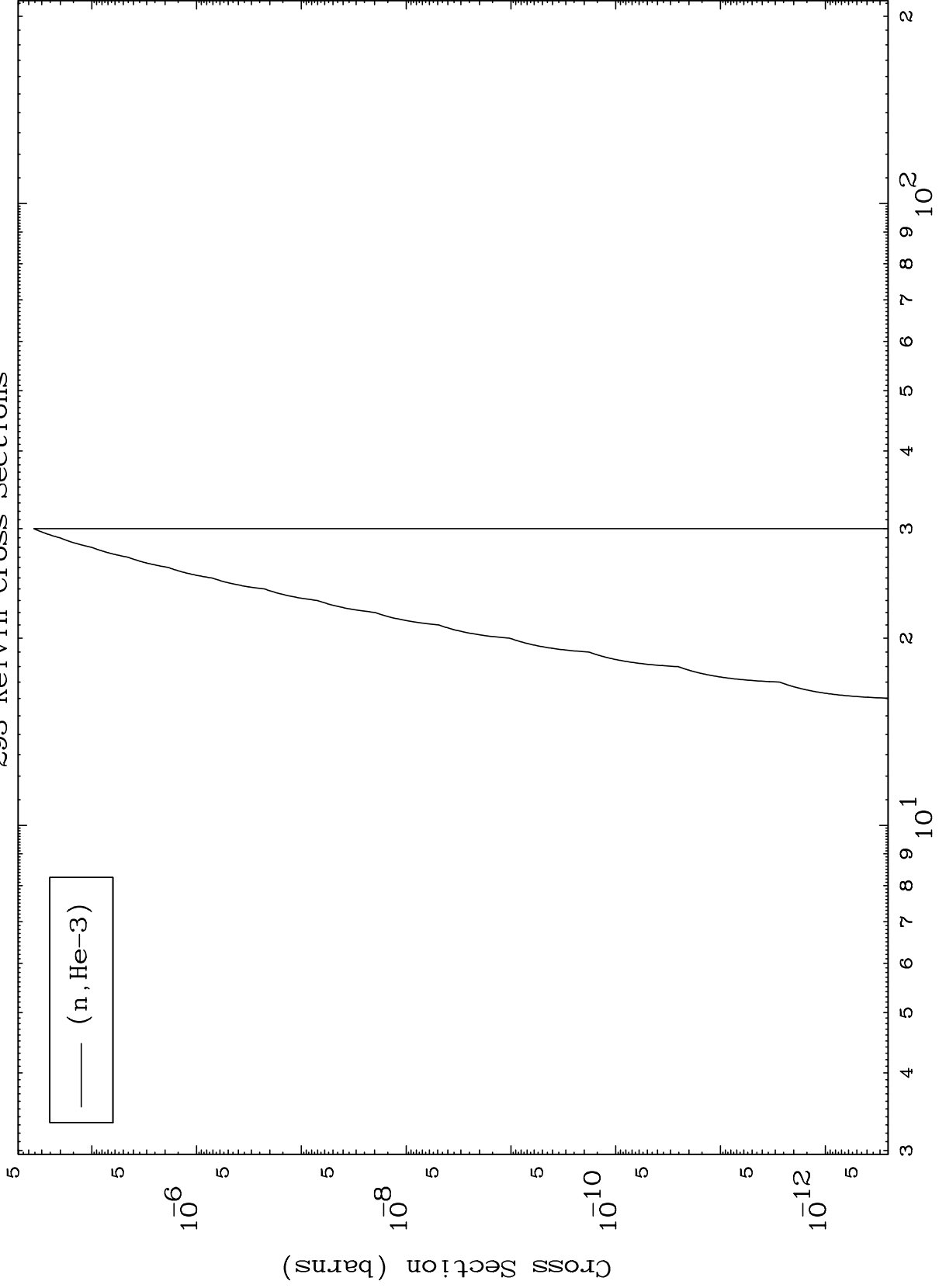
Incident Energy (MeV)

96-Cm-244

MAT 9637

(n,He3) Levels
293 Kelvin Cross Sections

96-Cm-244



15

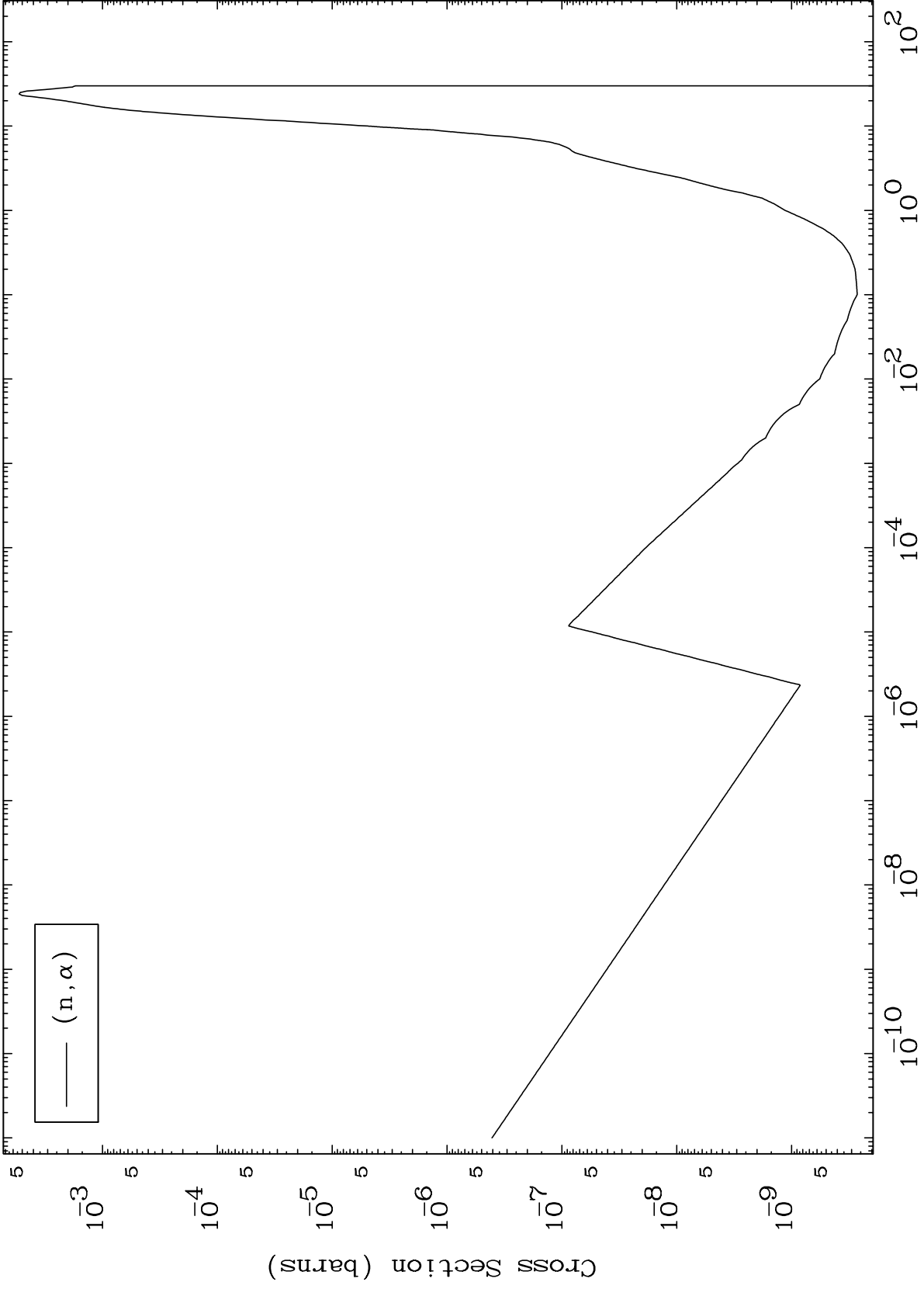
Incident Energy (MeV)

96-Cm-244

MAT 9637

(n, α) Levels
293 Kelvin Cross Sections

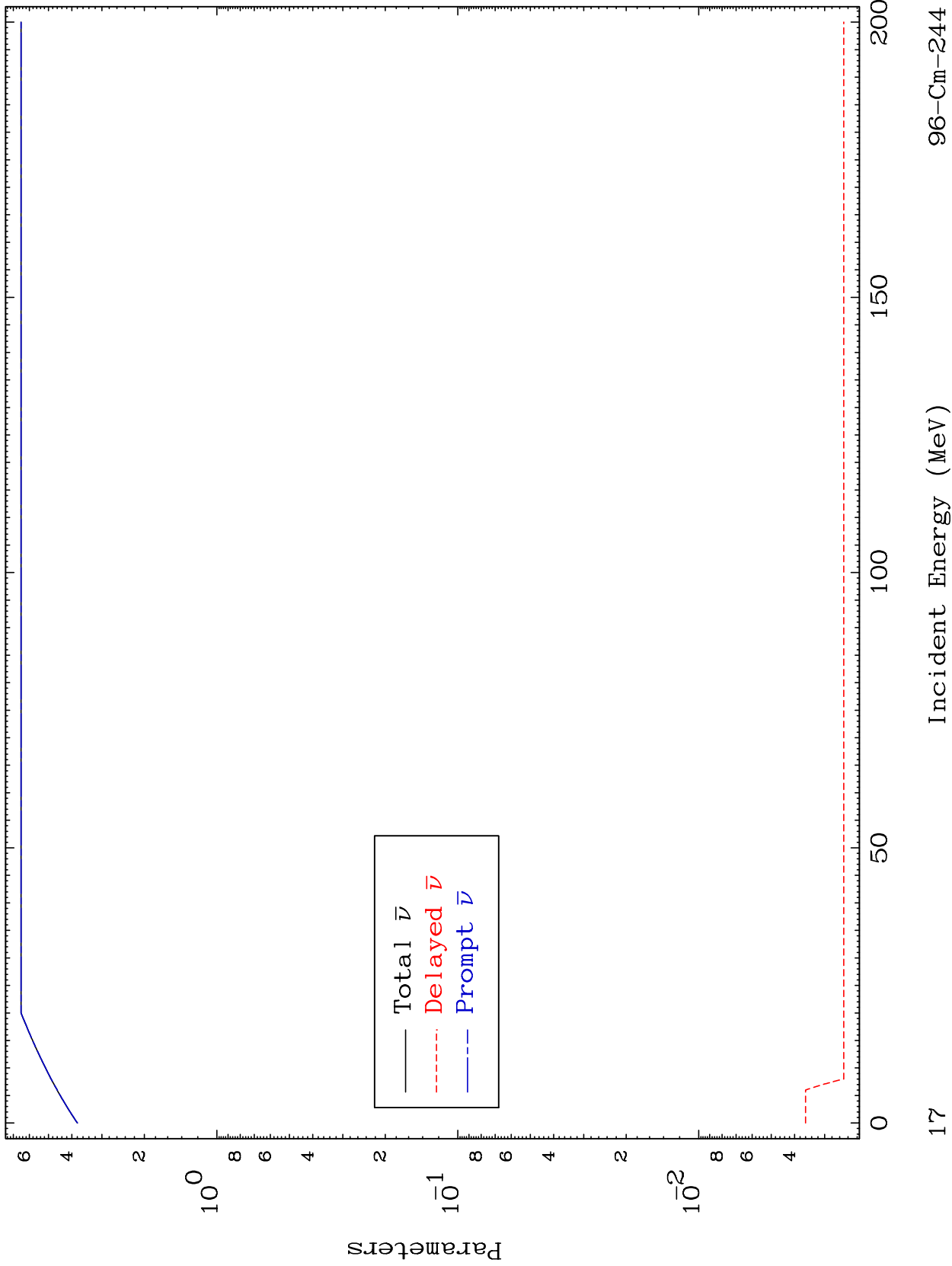
96-Cm-244



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Energy Release
Parameters

96-Cm-244



17

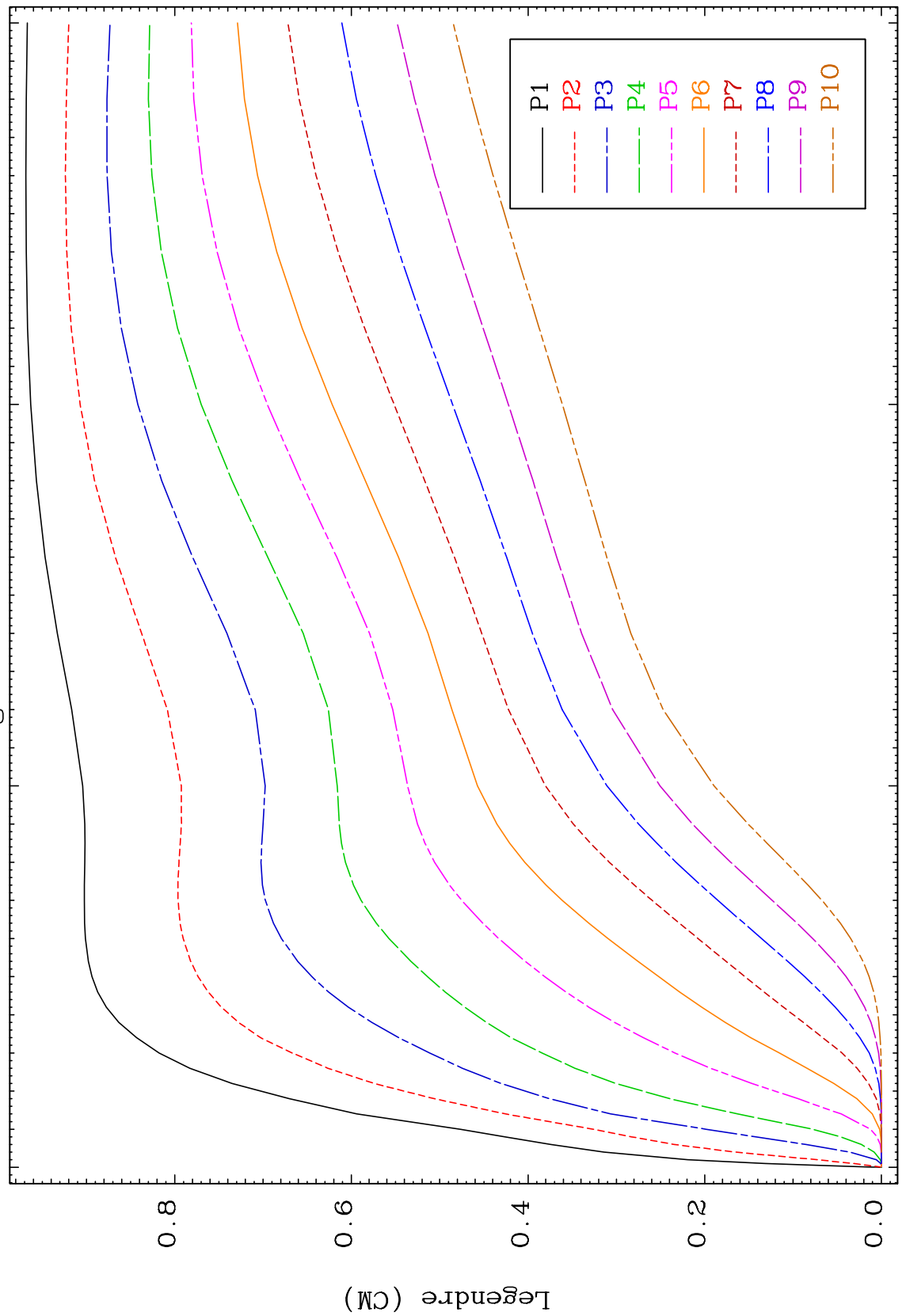
Incident Energy (MeV)

96-Cm-244

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96-Cm-244

Elastic Legendre Coefficients



96-Cm-244

Incident Energy (MeV)

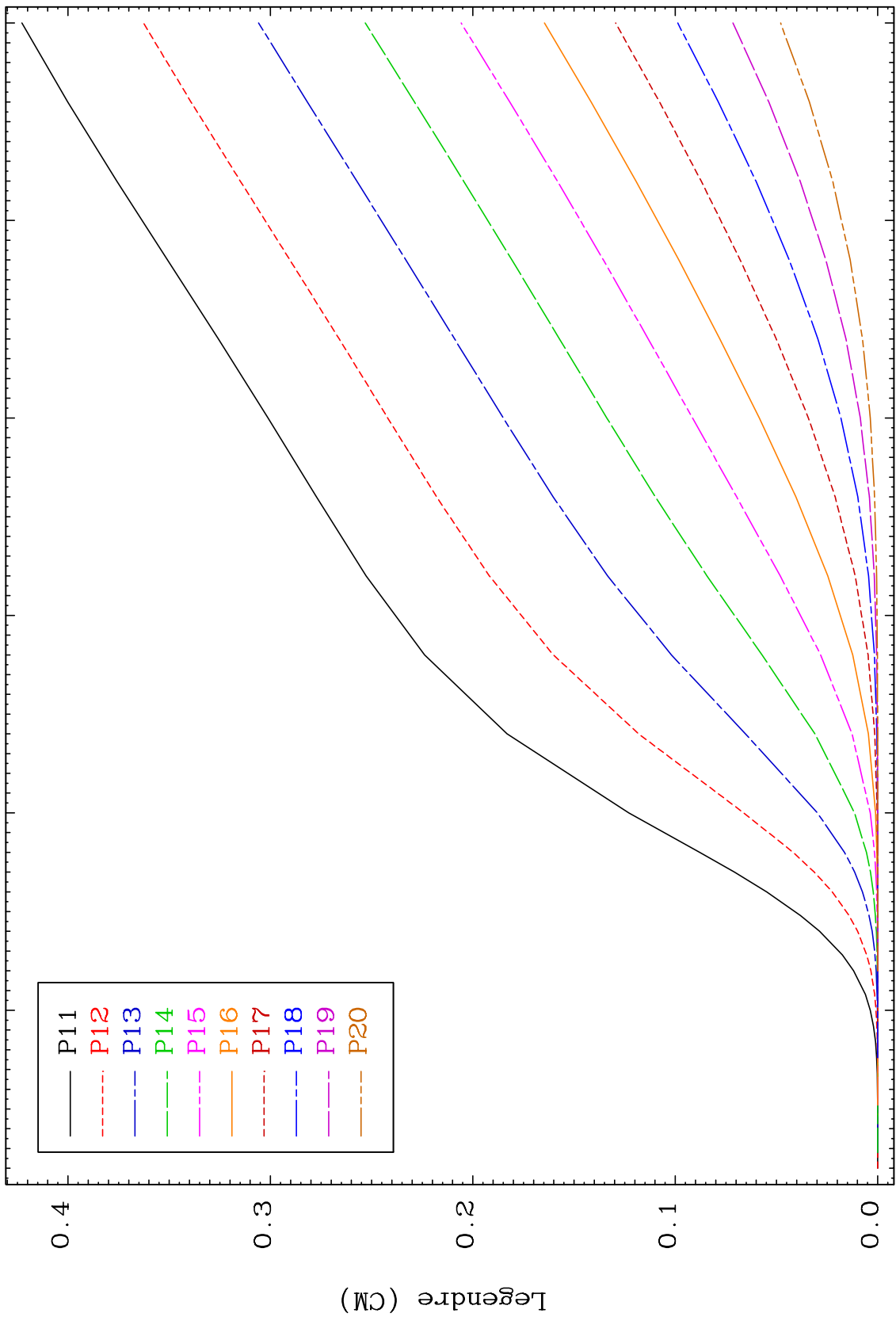
18

30

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Elastic Legendre Coefficients

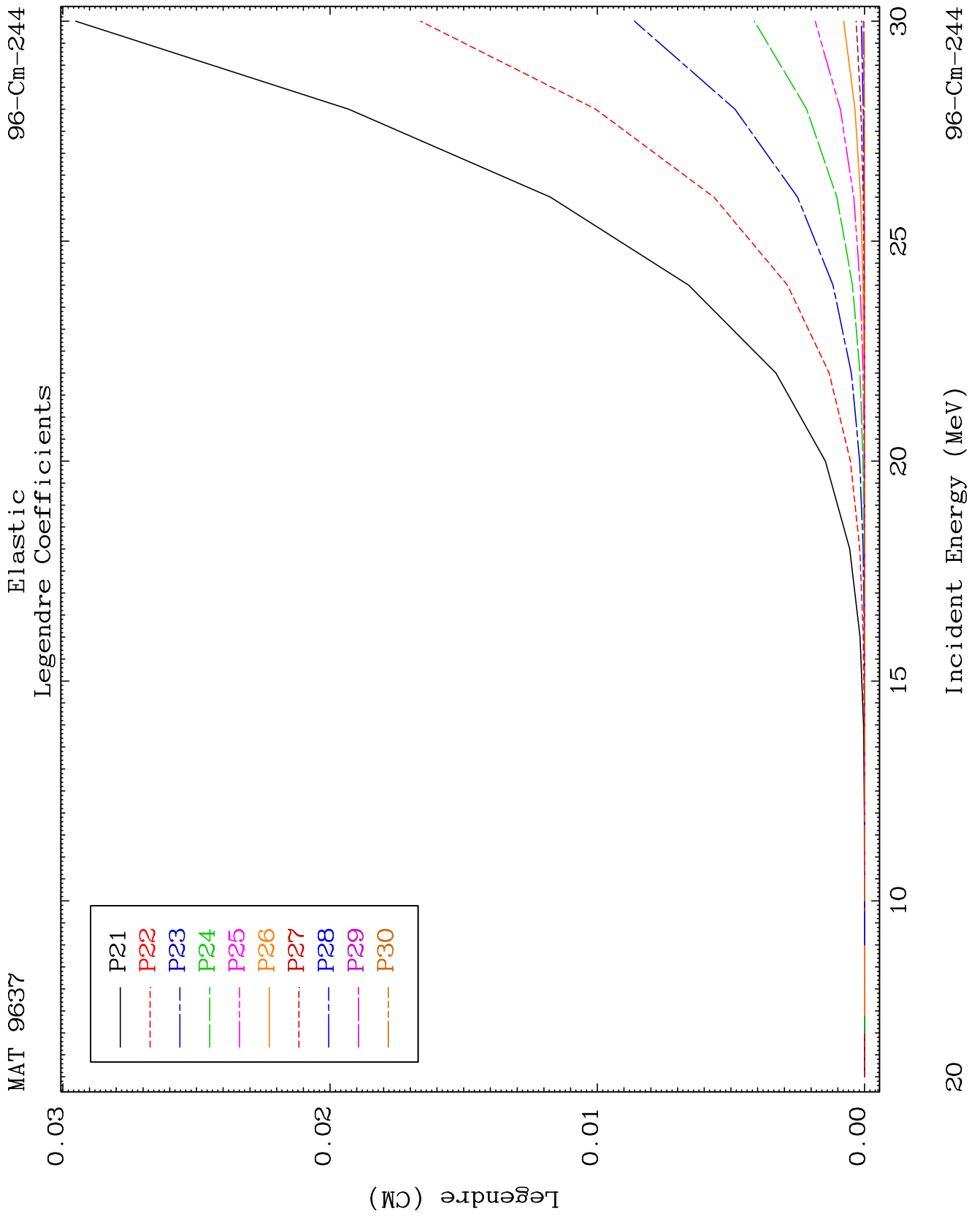
96-Cm-244



19

Incident Energy (MeV)

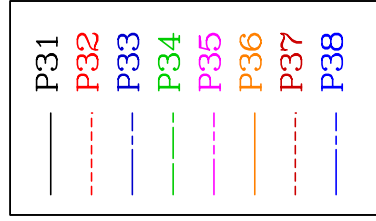
96-Cm-244



MAT 9637

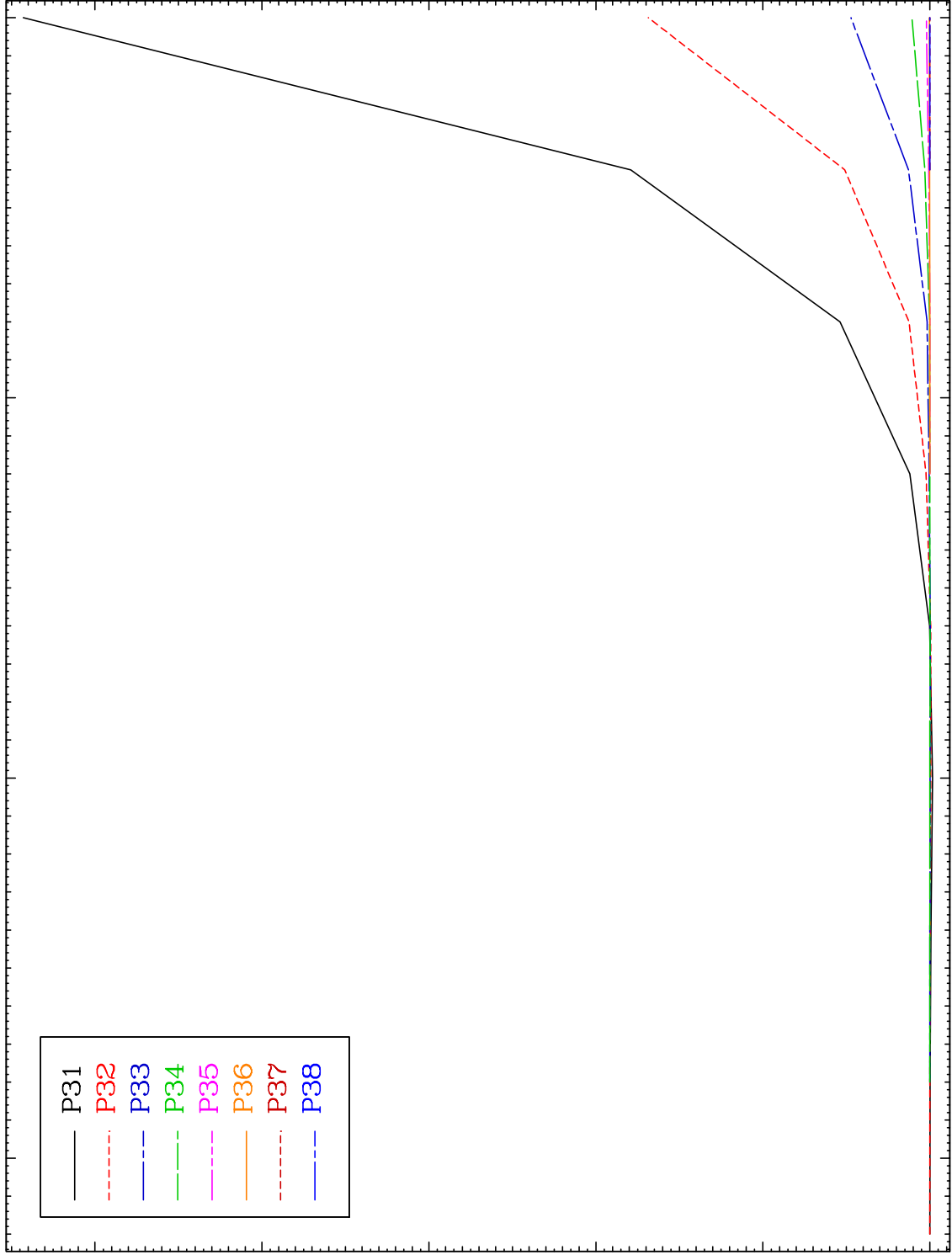
Elastic
Legendre Coefficients

96-Cm-244



$\times 10^{-6}$

Legendre (CM)



21

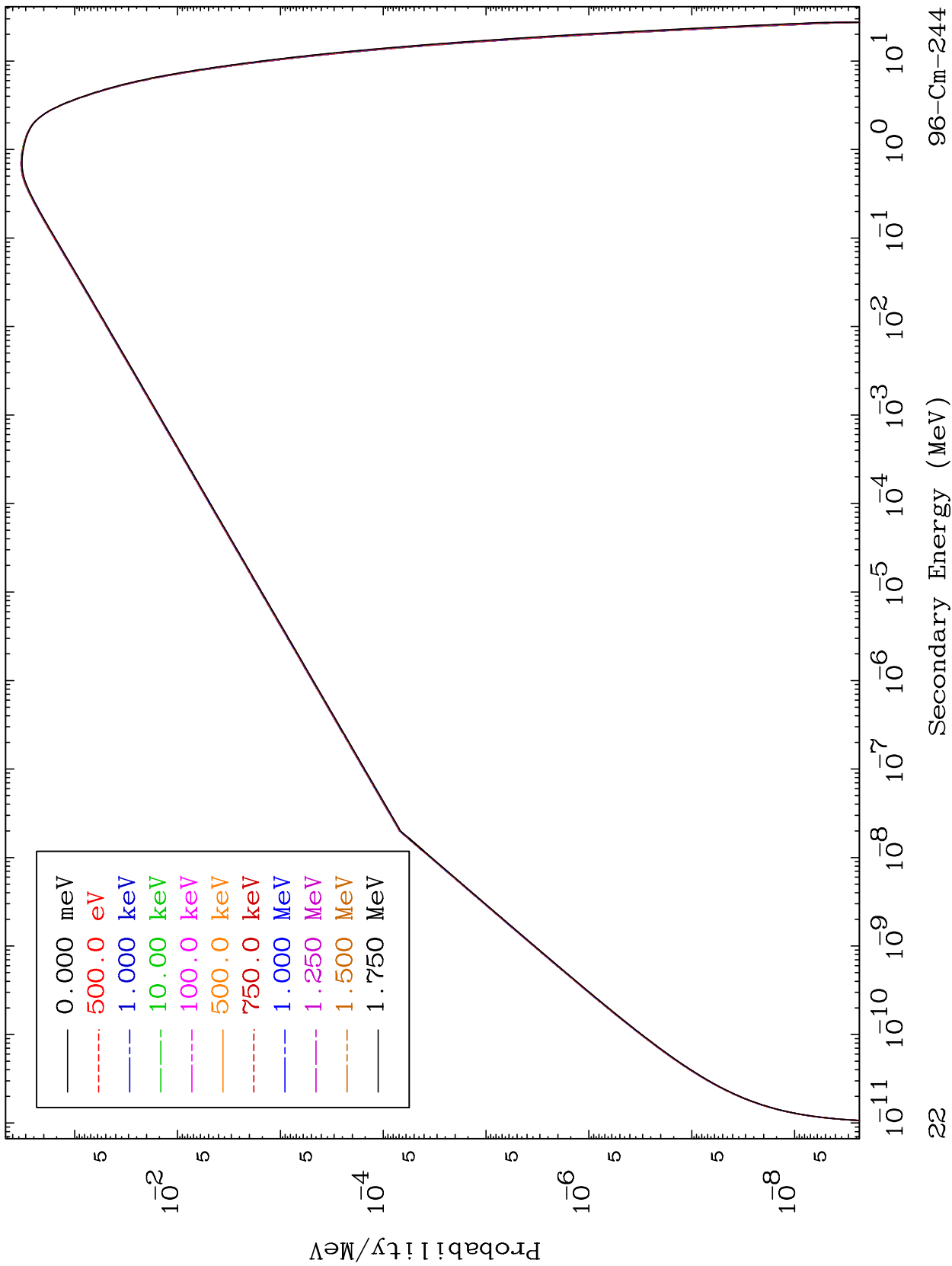
Incident Energy (MeV)

96-Cm-244

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Fission Energy Distributions

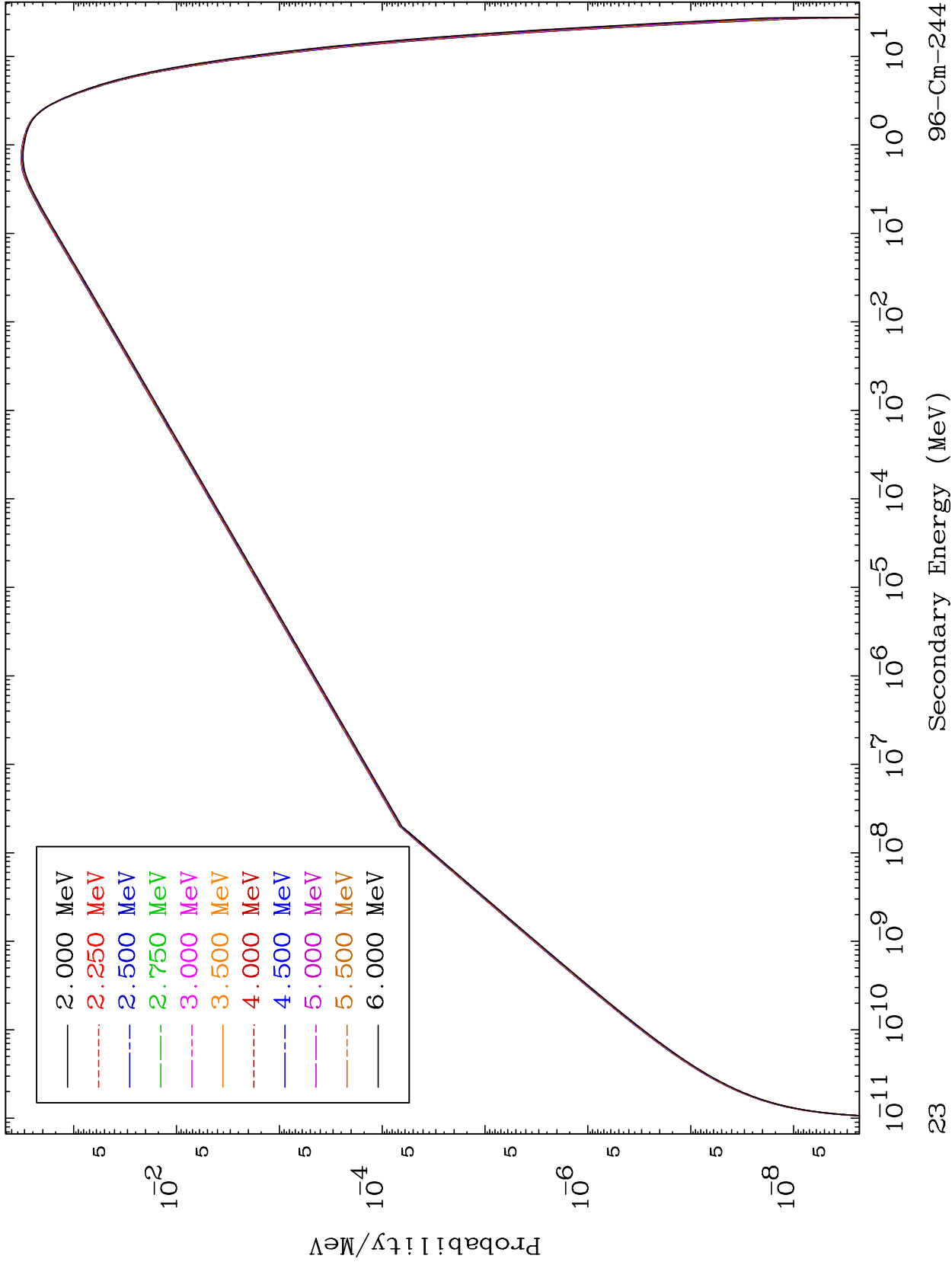
96-Cm-244



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Fission Energy Distributions

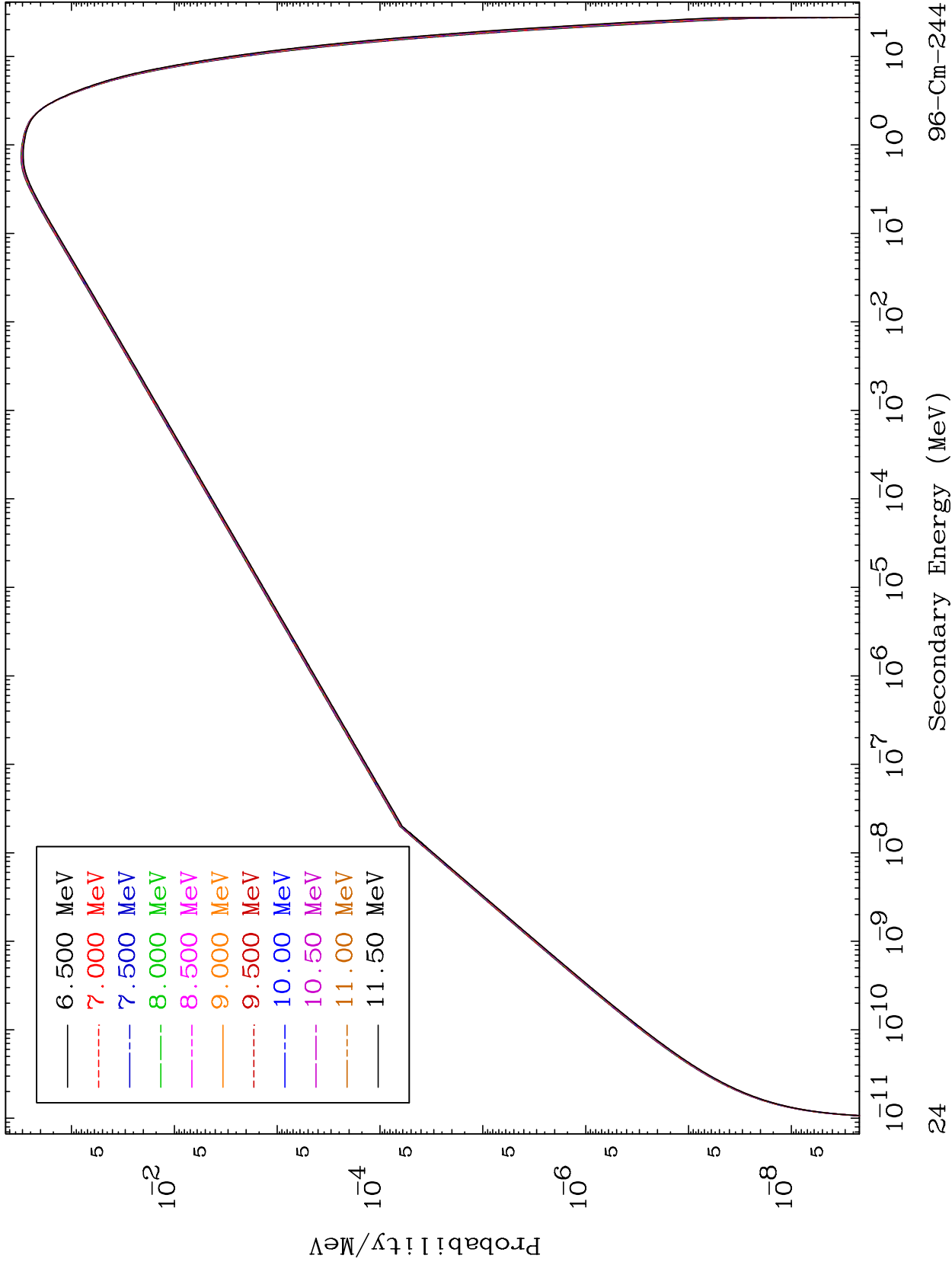
96-Cm-244



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Fission Energy Distributions

96-Cm-244

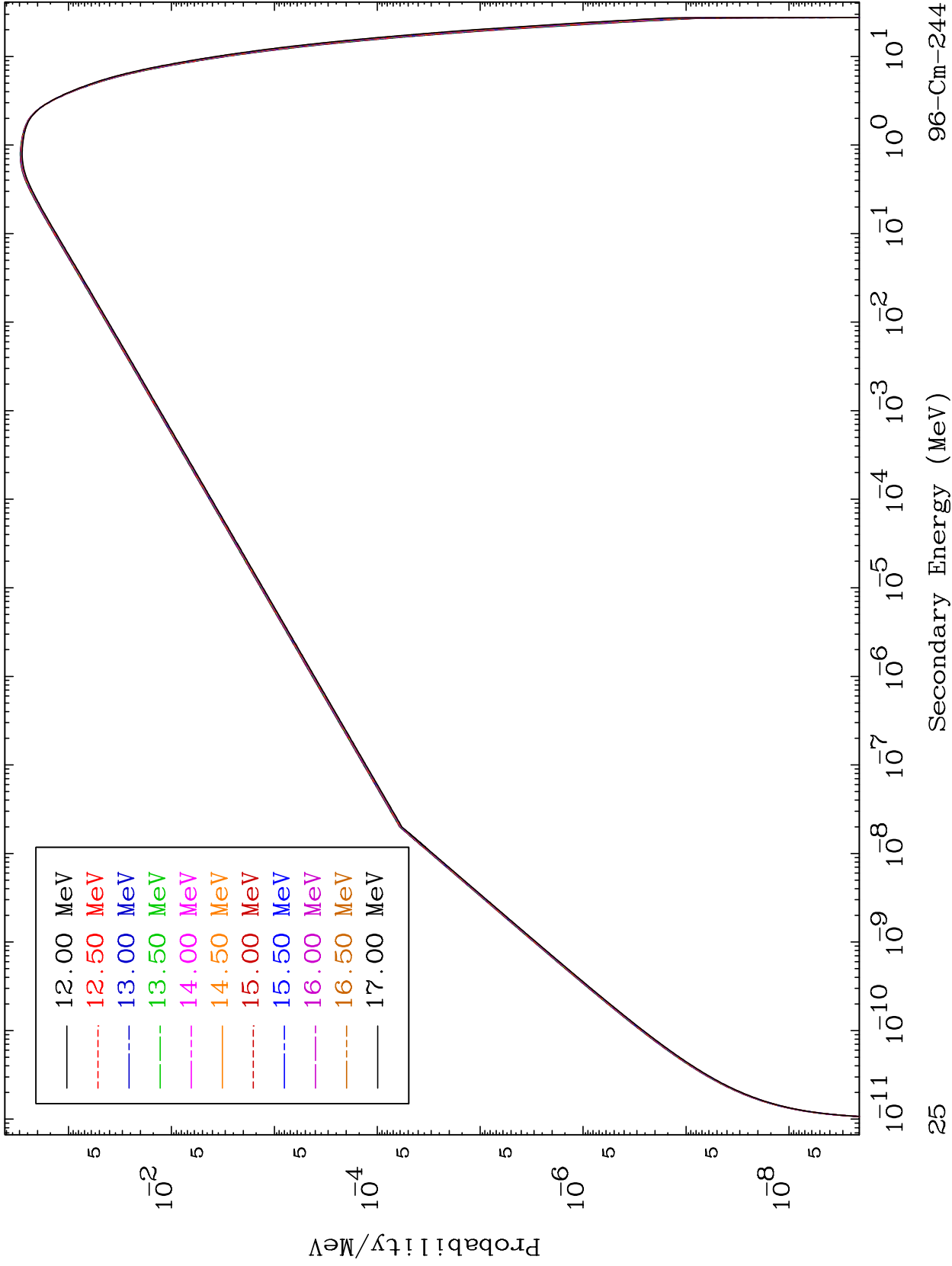


24

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Fission Energy Distributions

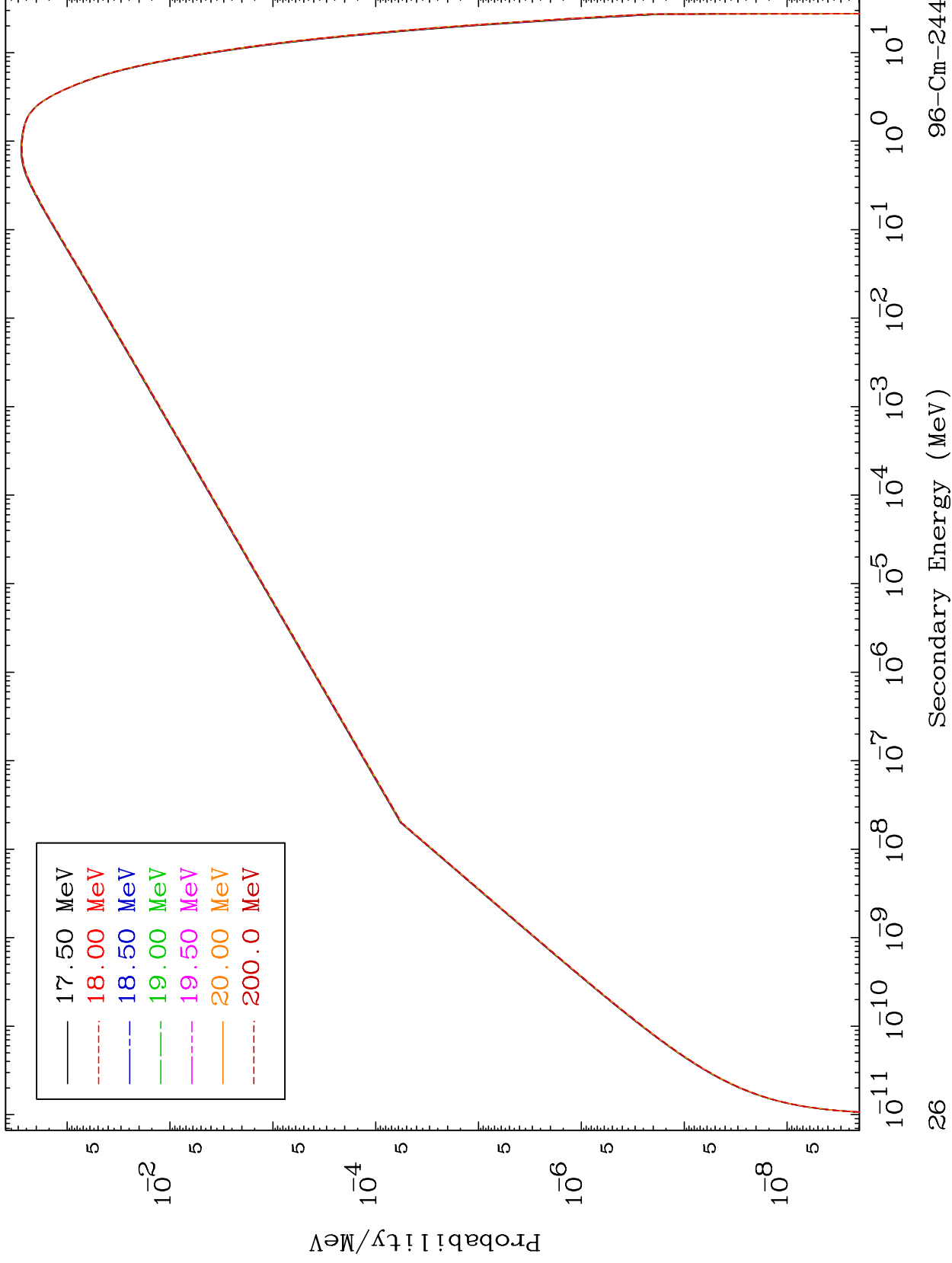
96-Cm-244



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Fission Energy Distributions

96-Cm-244

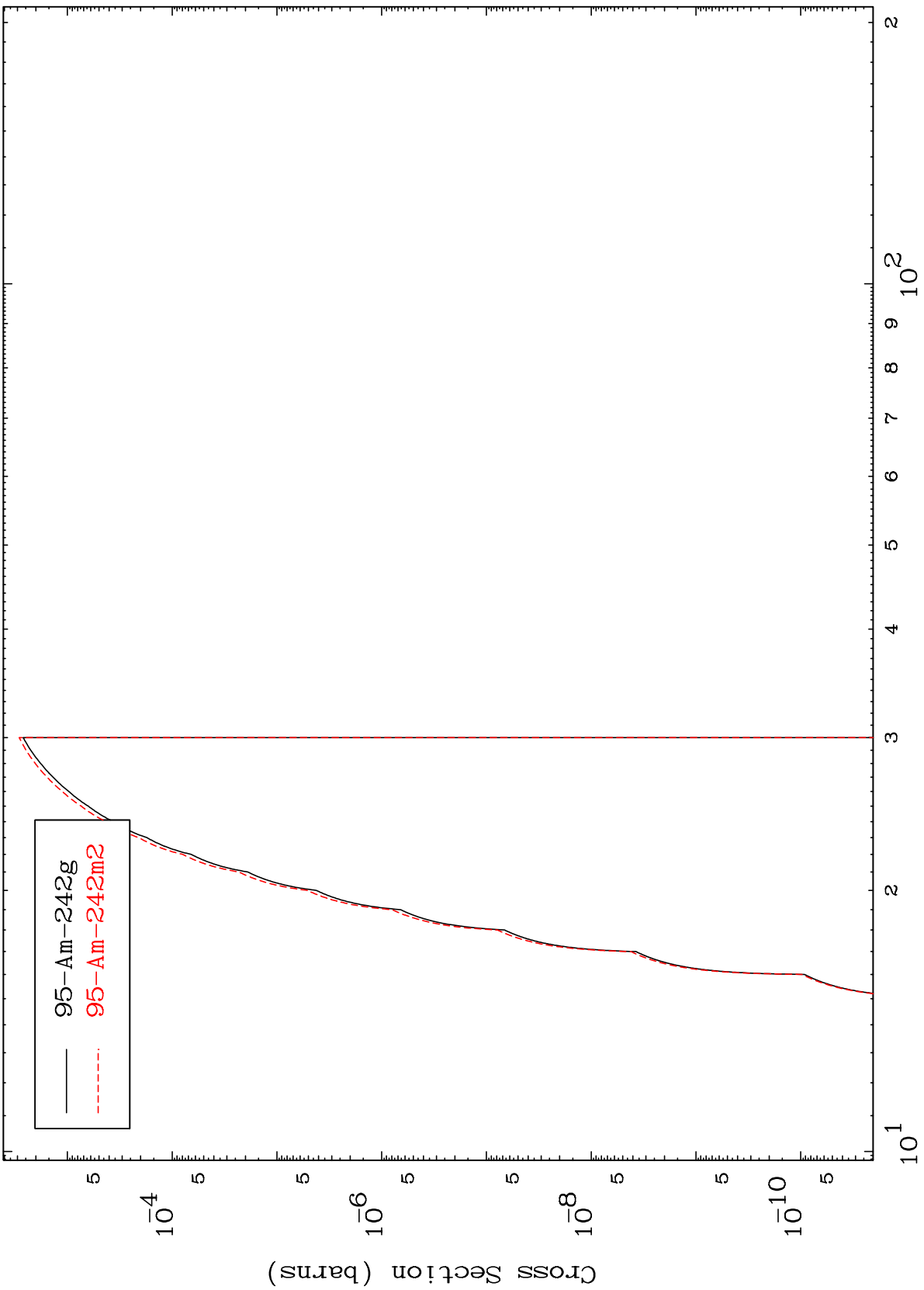


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(n,n') d

96-Cm-244

Radionuclide Production Cross Section



27

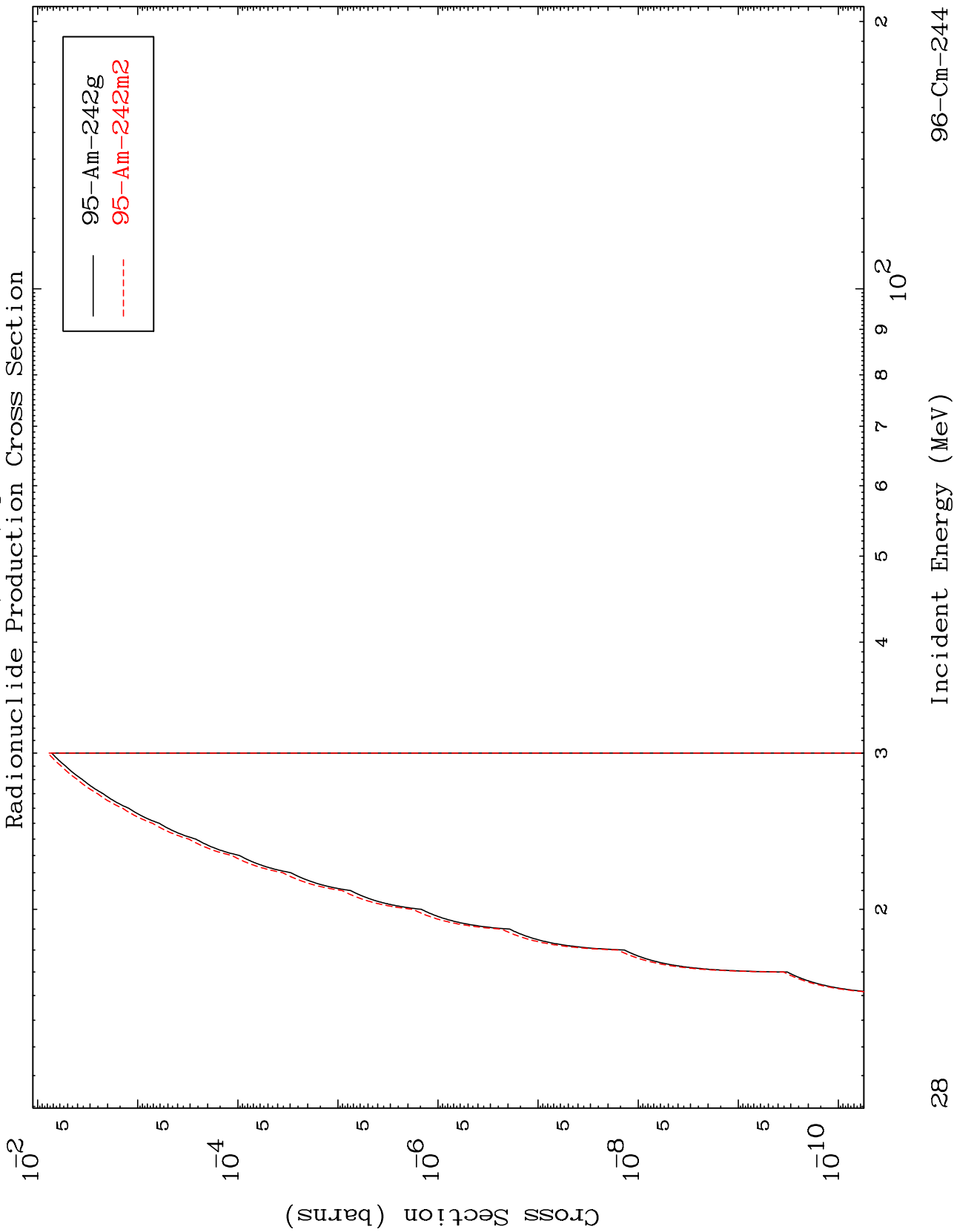
Incident Energy (MeV)

96-Cm-244

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(n,2n) p

96-Cm-244

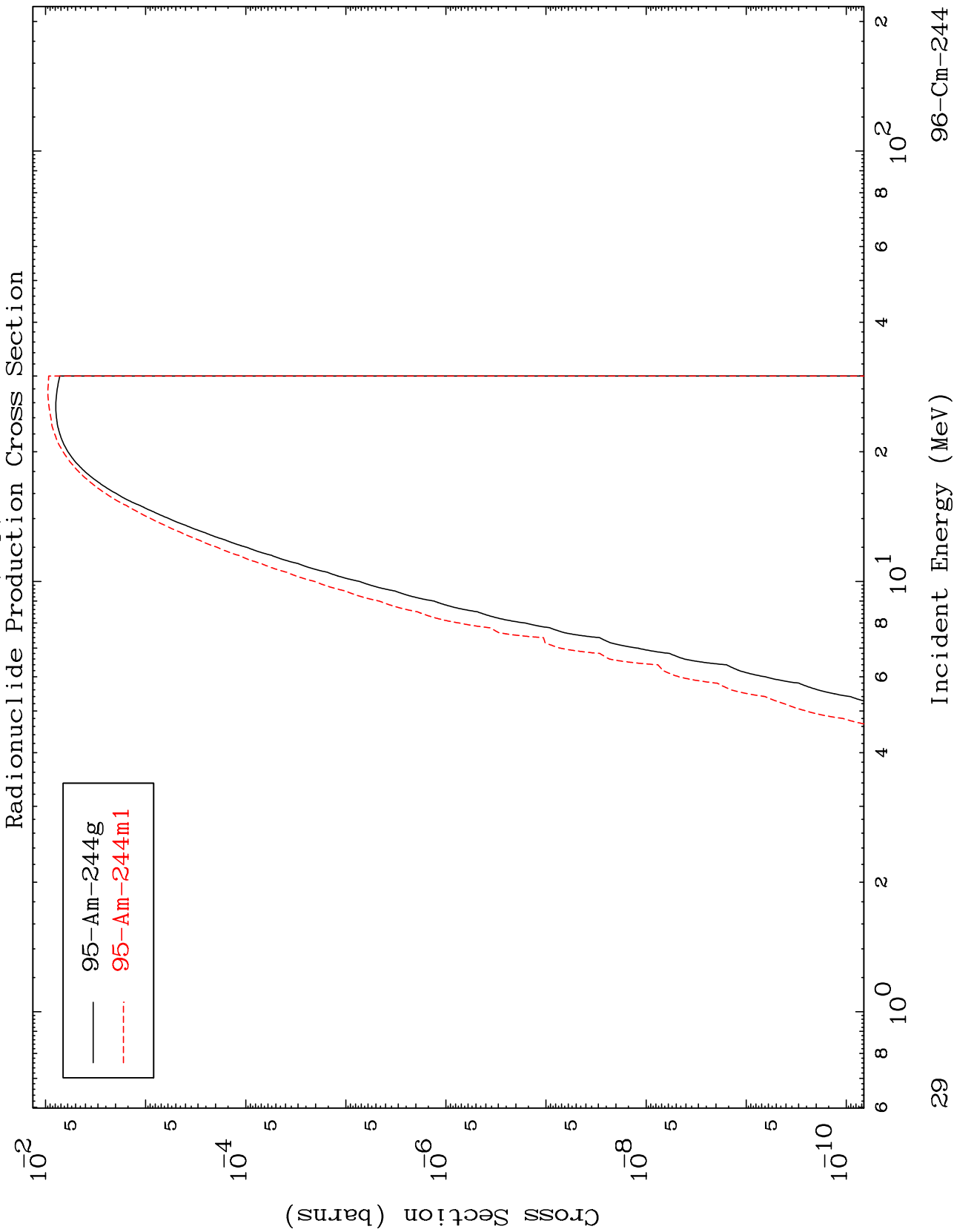


28

96-Cm-244

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96-Cm-244

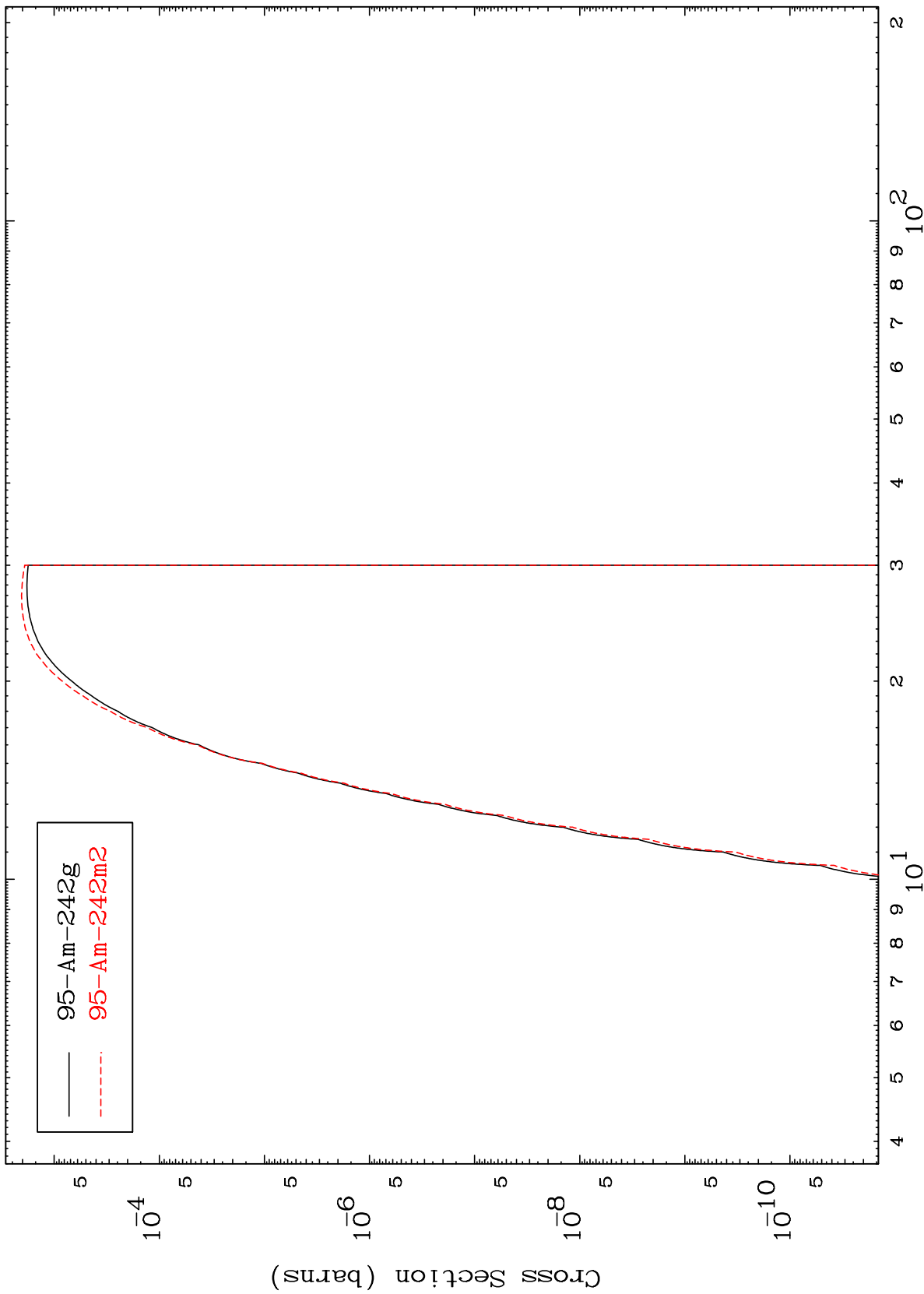


29

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96-Cm-244

(n, t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

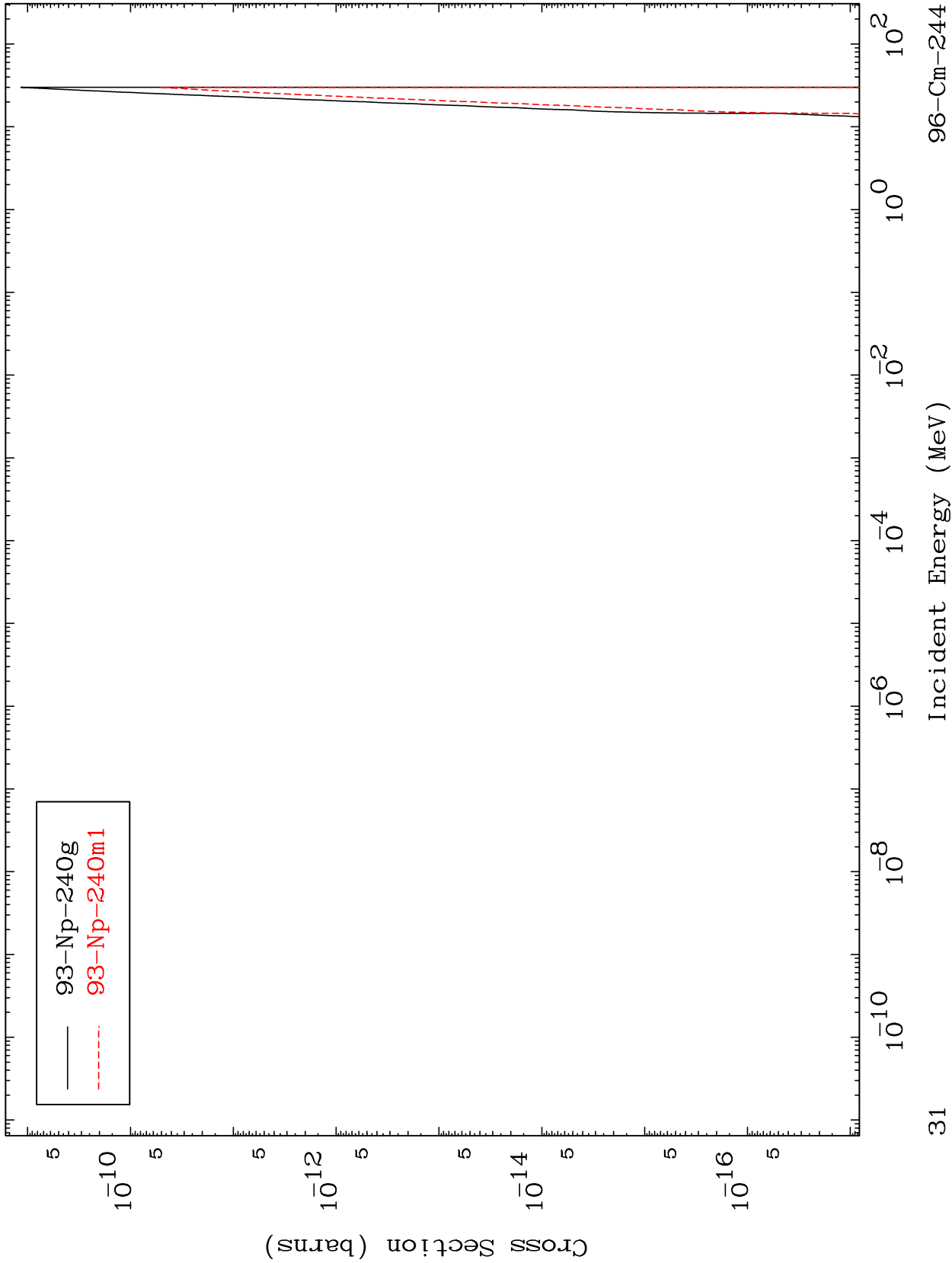
96-Cm-244

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(n,p) α

⁹⁶Cm-244

Radionuclide Production Cross Section



— 93-Np-240g
- - - 93-Np-240m1