

Program EVALPLOT
(Version 2018-1)

by

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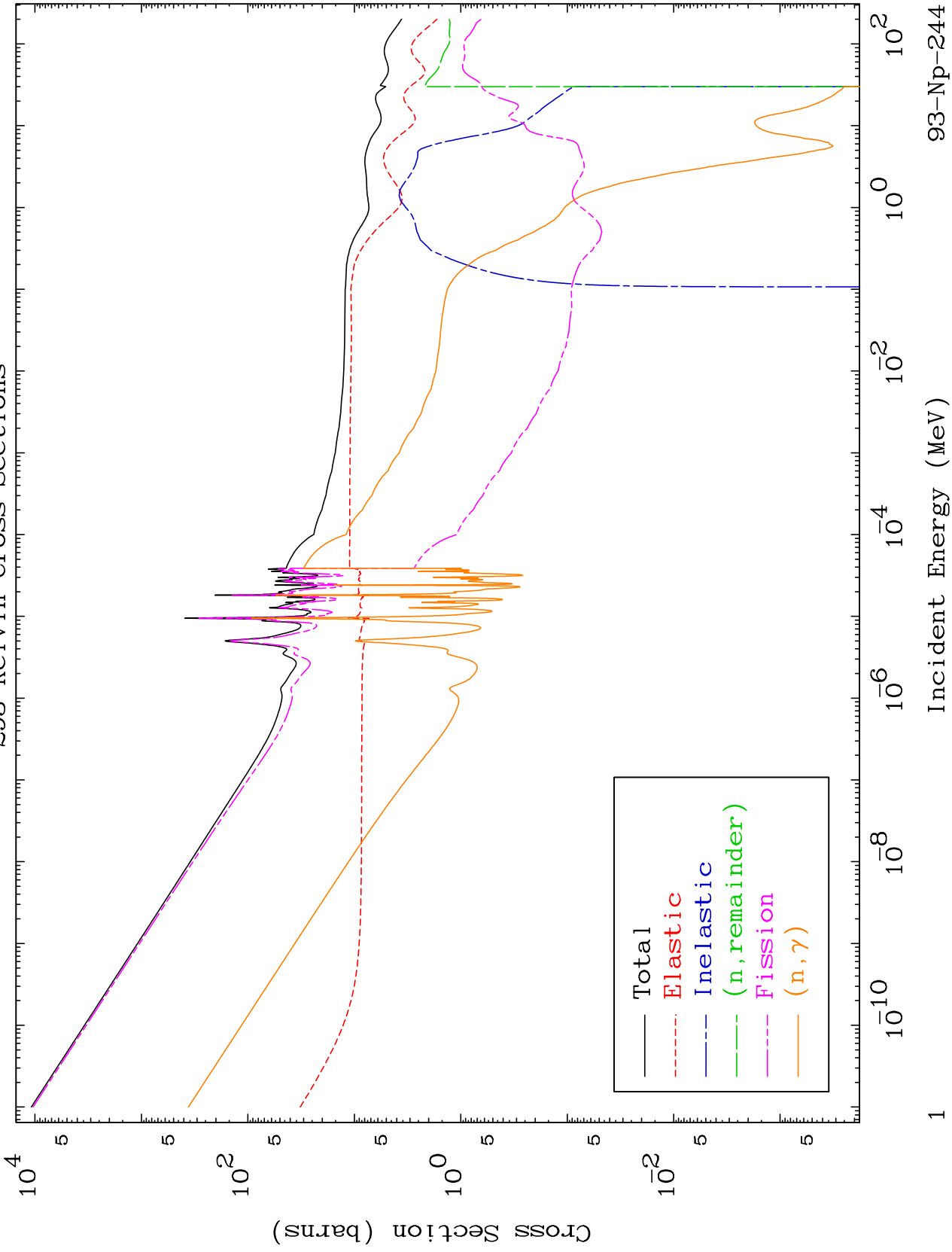
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9367

Major
293 Kelvin Cross Sections

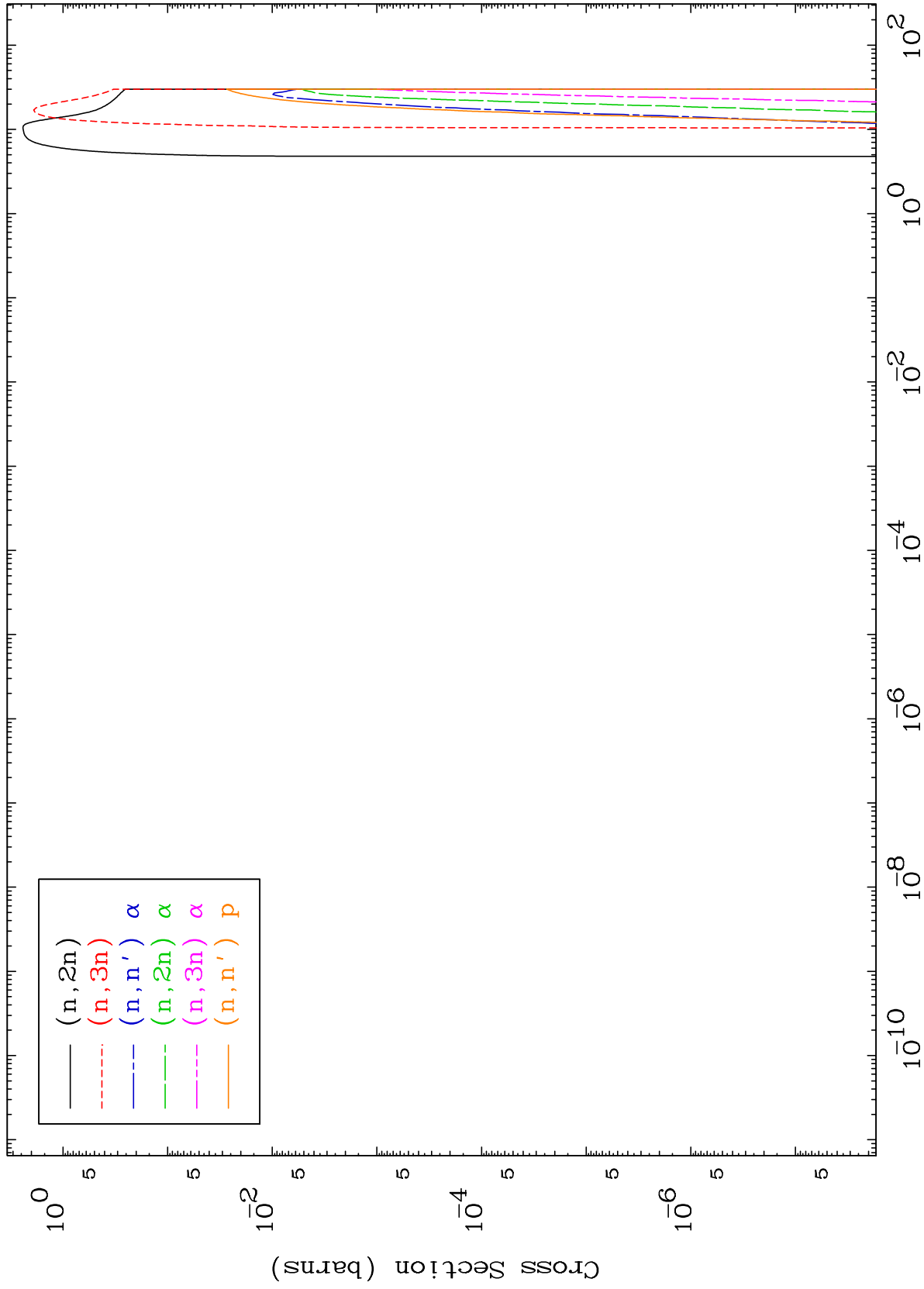
93-Np-244



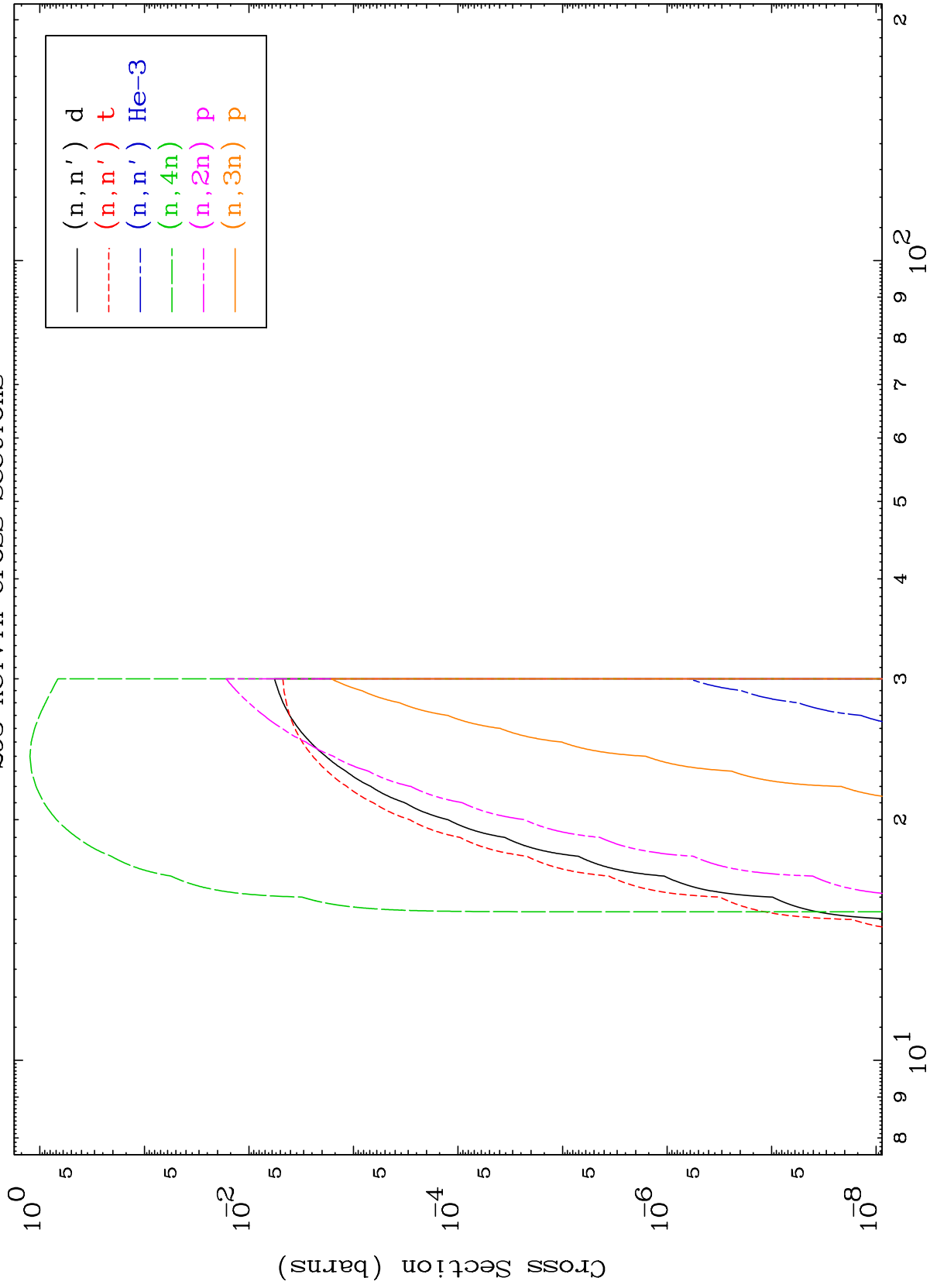
MAT 9367

Neutron Production
293 Kelvin Cross Sections

93-Np-244



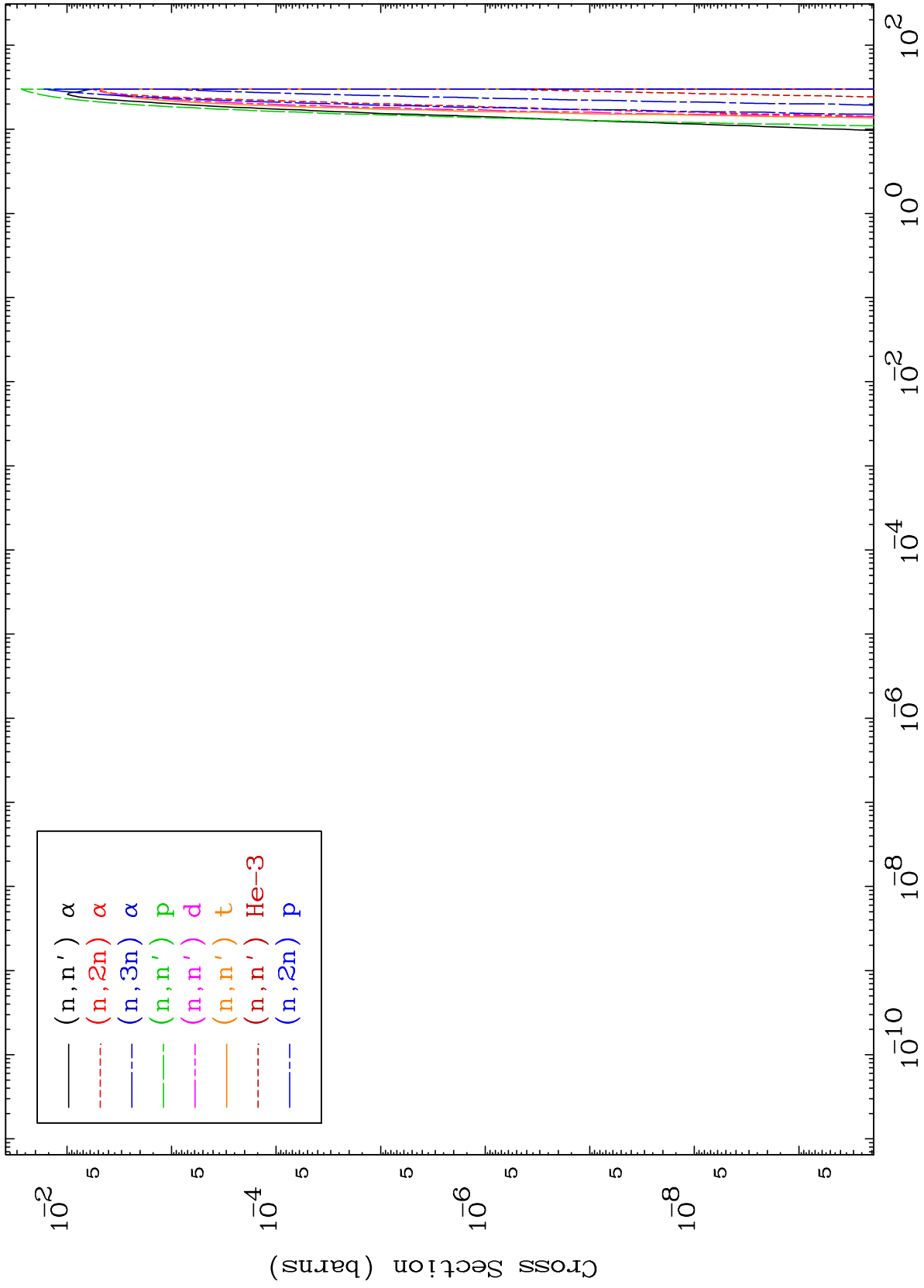
93-Np-244



MAT 9367

Charged Particle
293 Kelvin Cross Sections

93-Np-244

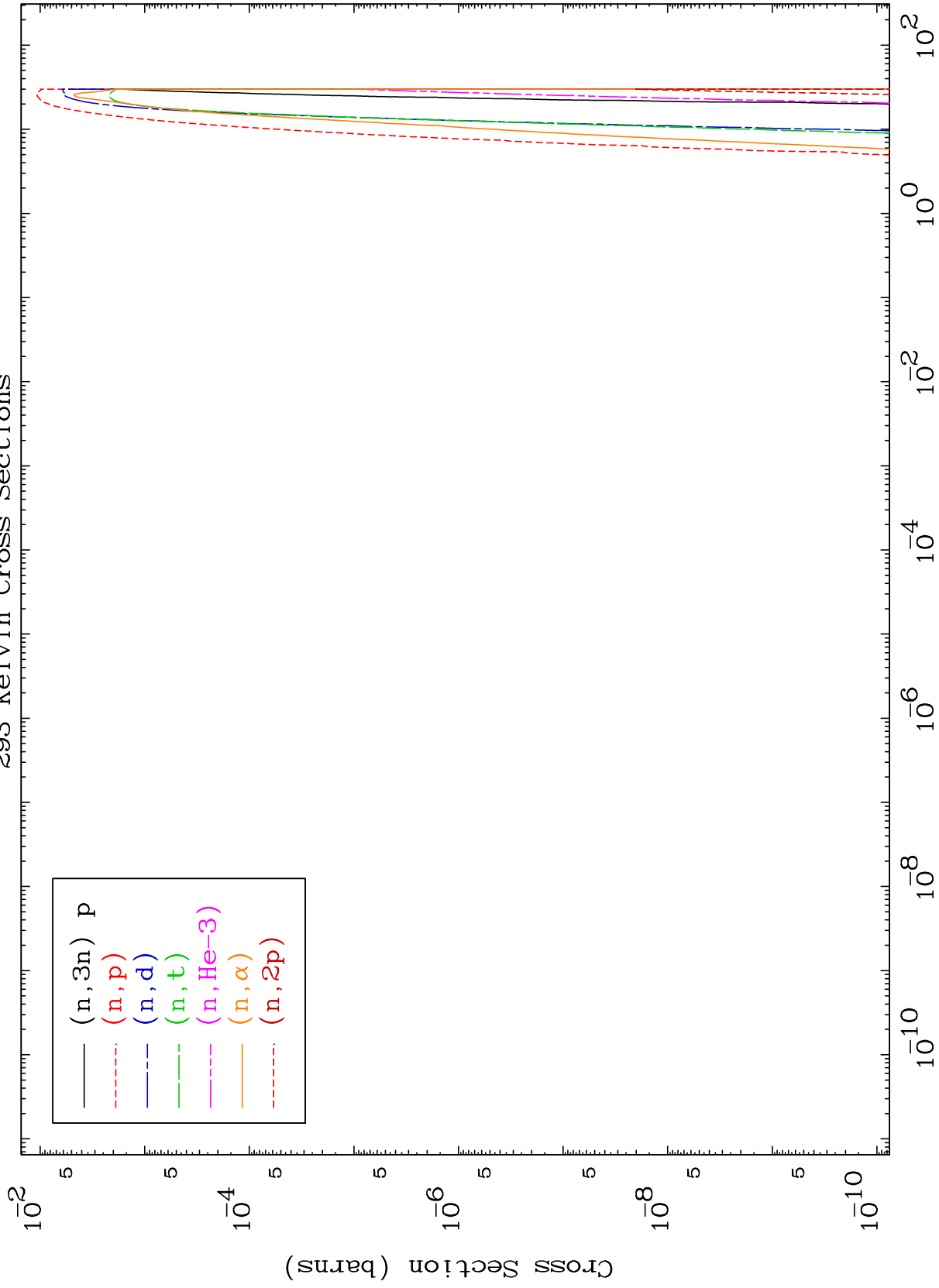


93-Np-244

MAT 9367

Charged Particle
293 Kelvin Cross Sections

93-Np-244



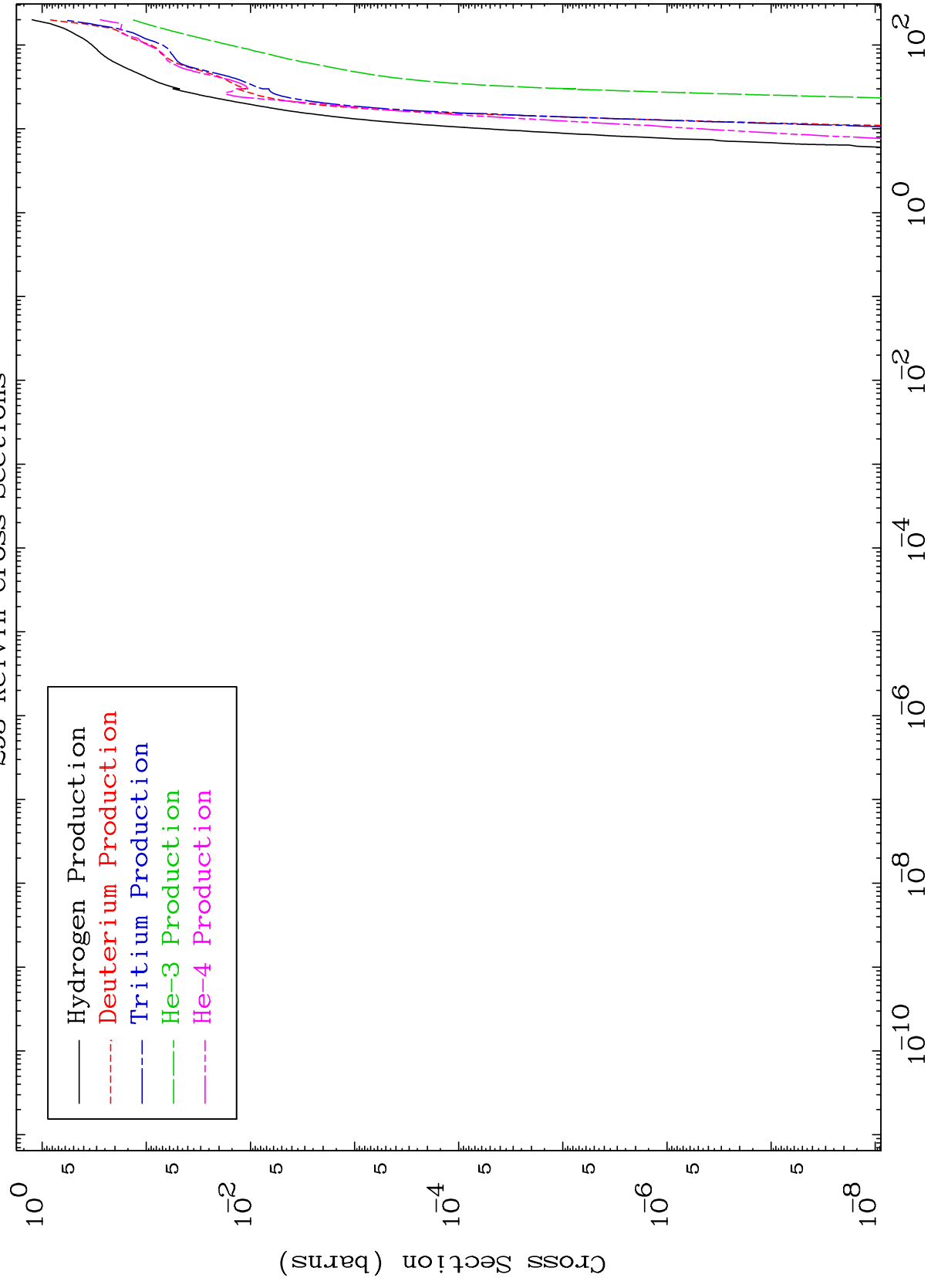
5

93-Np-244

MAT 9367

Particle Production
293 Kelvin Cross Sections

93-Np-244

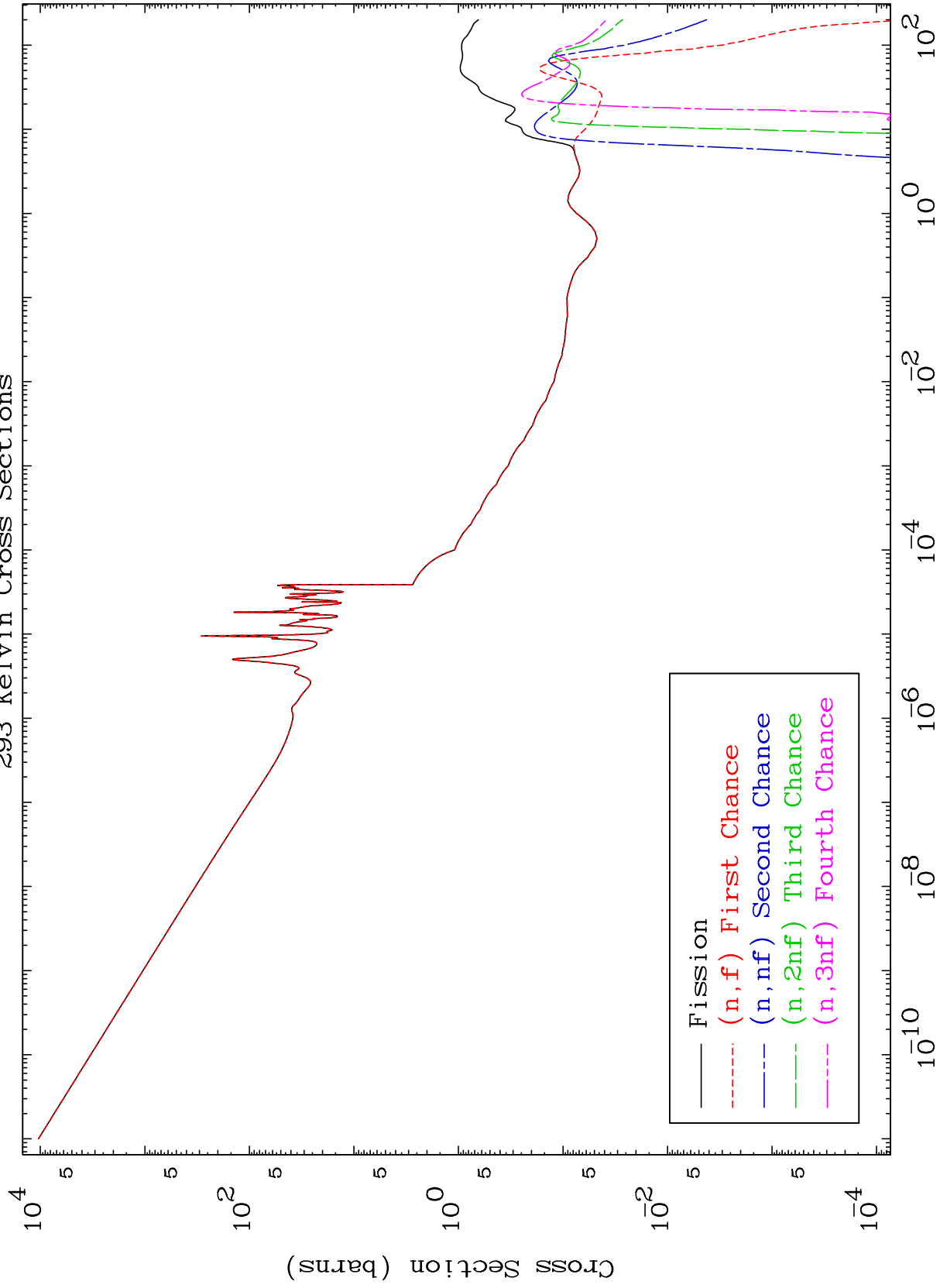


93-Np-244

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Fission
293 Kelvin Cross Sections

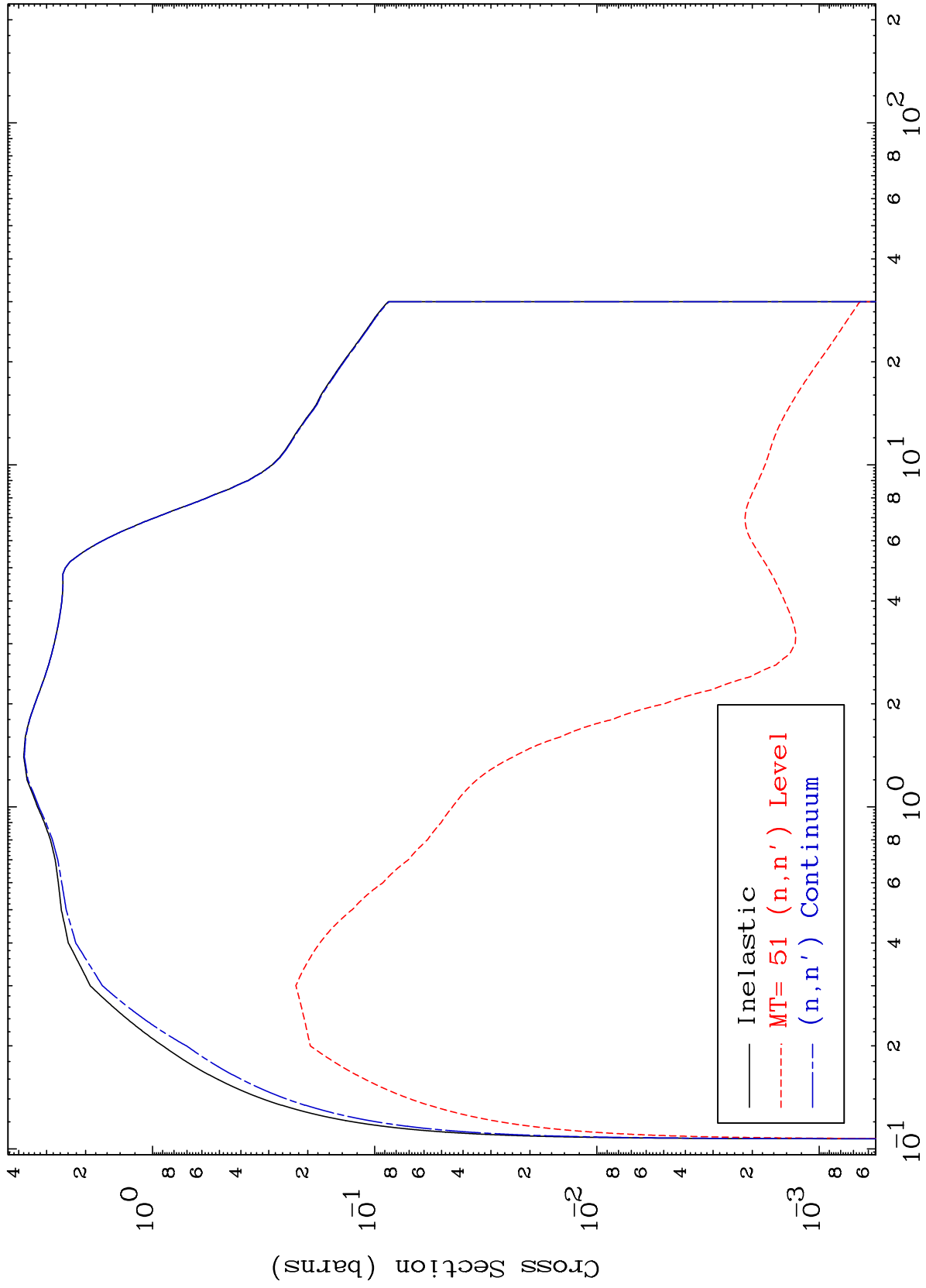
93-Np-244



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(n,n') Level
293 Kelvin Cross Sections

93-Np-244



8

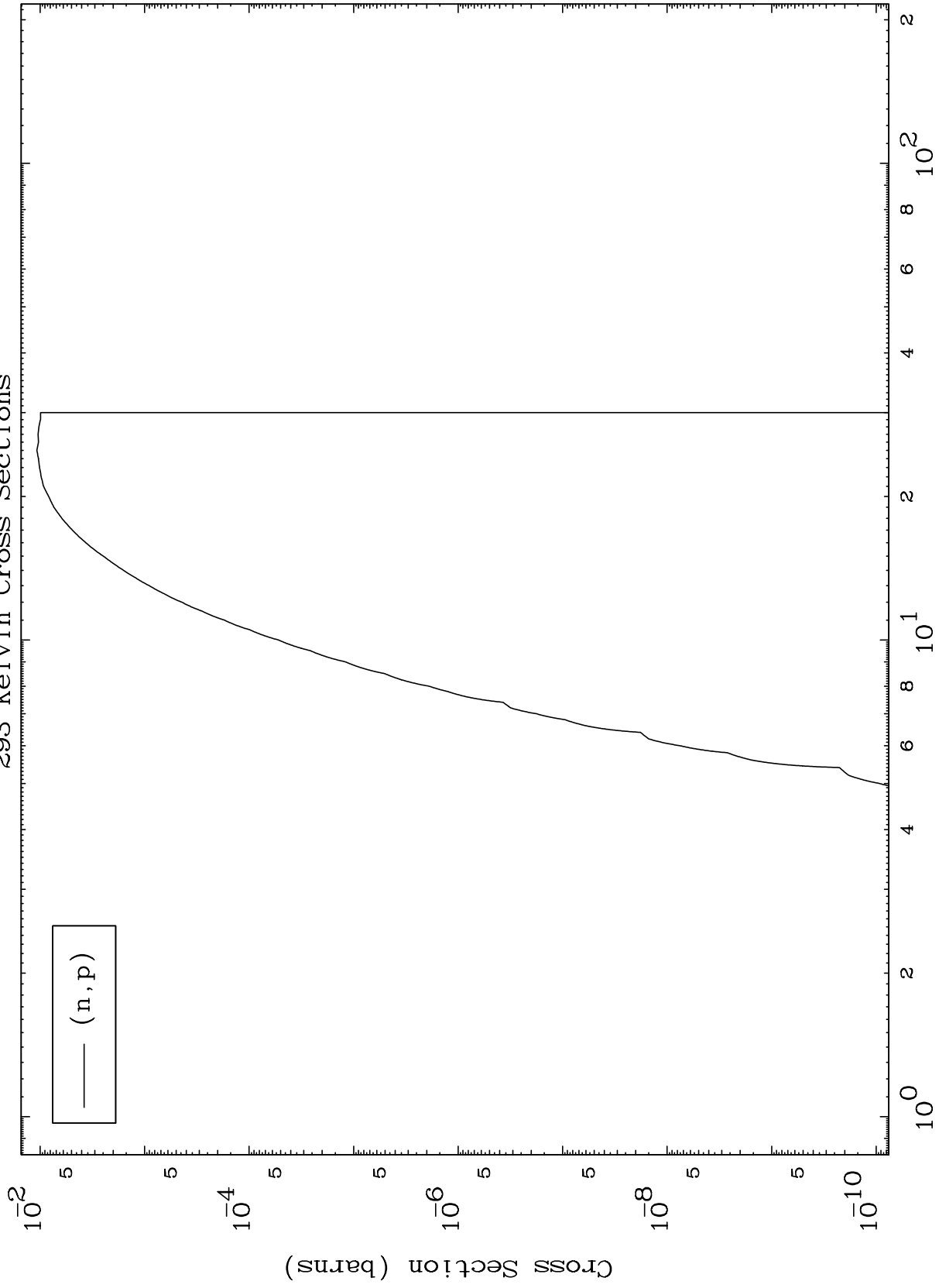
Incident Energy (MeV)

93-Np-244

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(n,p) Levels
293 Kelvin Cross Sections

93-Np-244



9

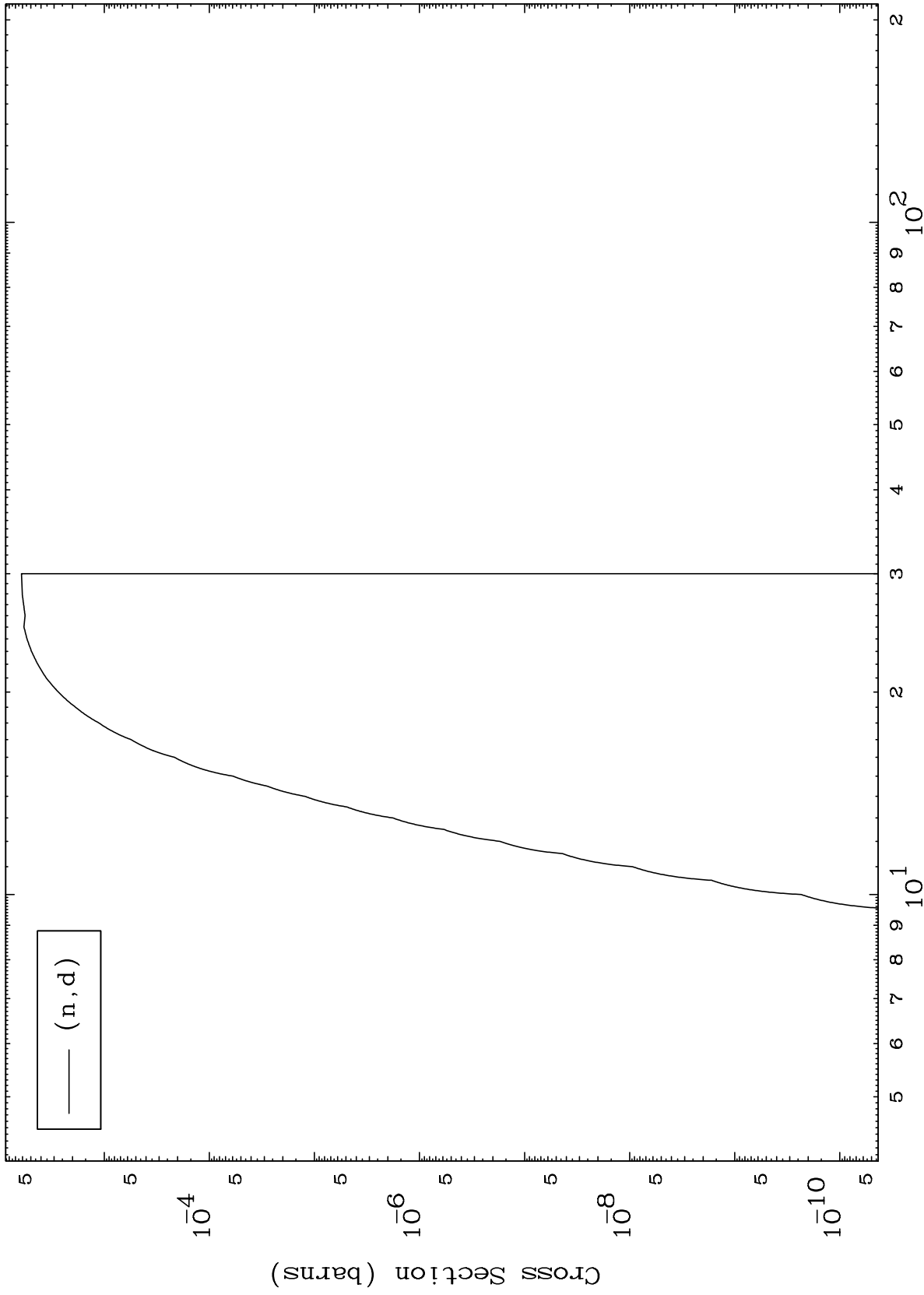
Incident Energy (MeV)

93-Np-244

MAT 9367

(n,d) Levels
293 Kelvin Cross Sections

93-Np-244



10

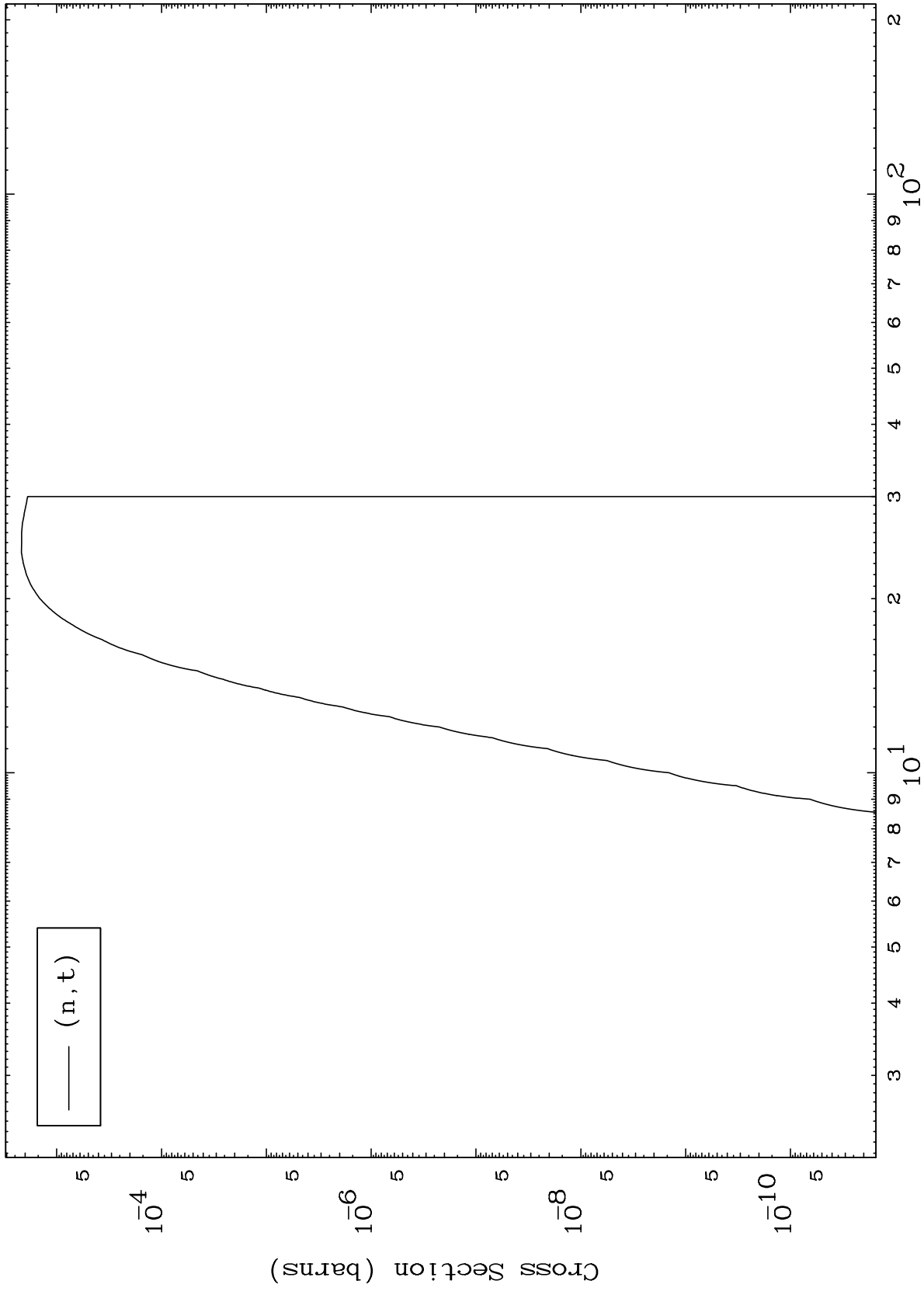
Incident Energy (MeV)

93-Np-244

MAT 9367

(n,t) Levels
293 Kelvin Cross Sections

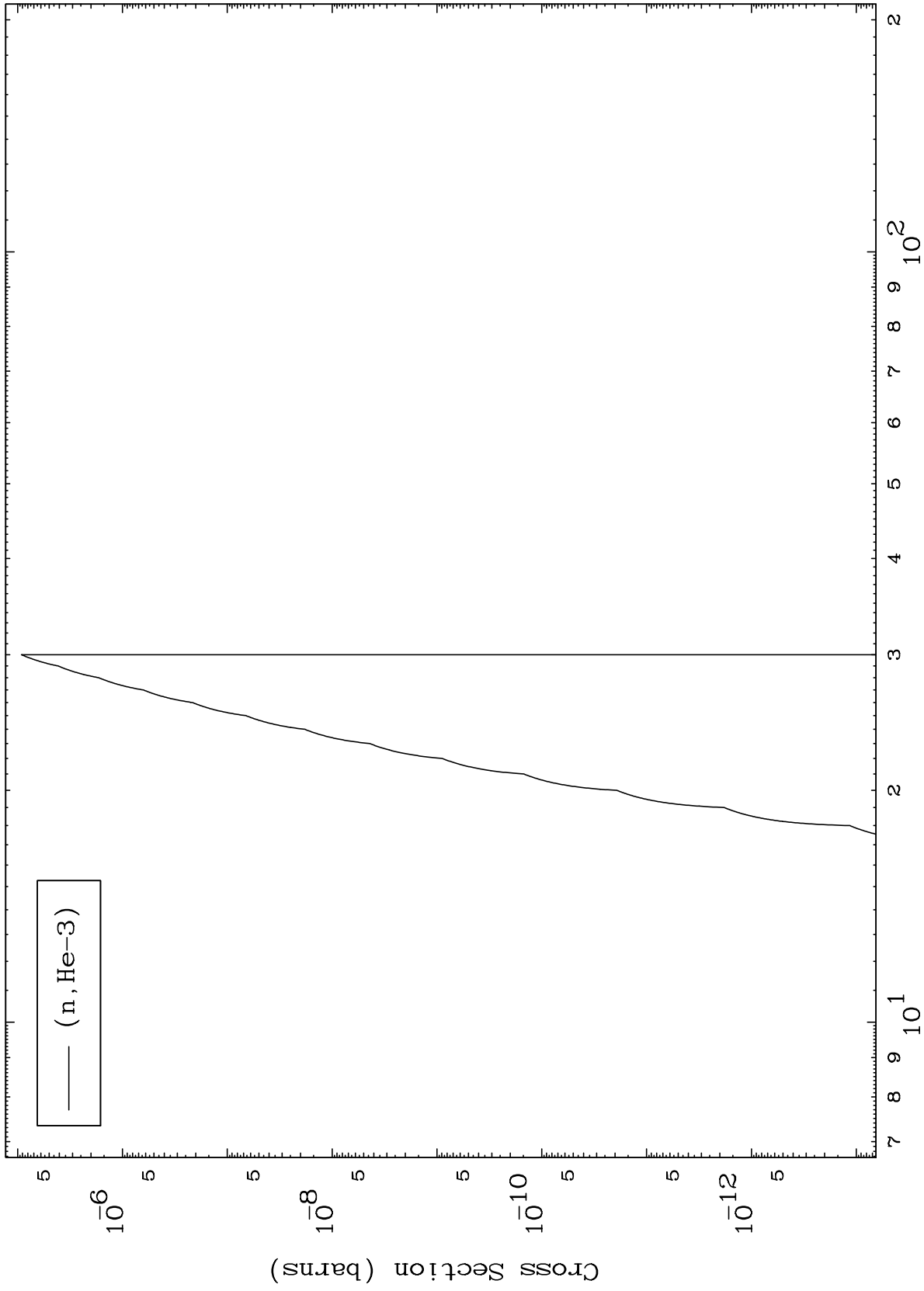
93-Np-244



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(n,He3) Levels
293 Kelvin Cross Sections

93-Np-244



12

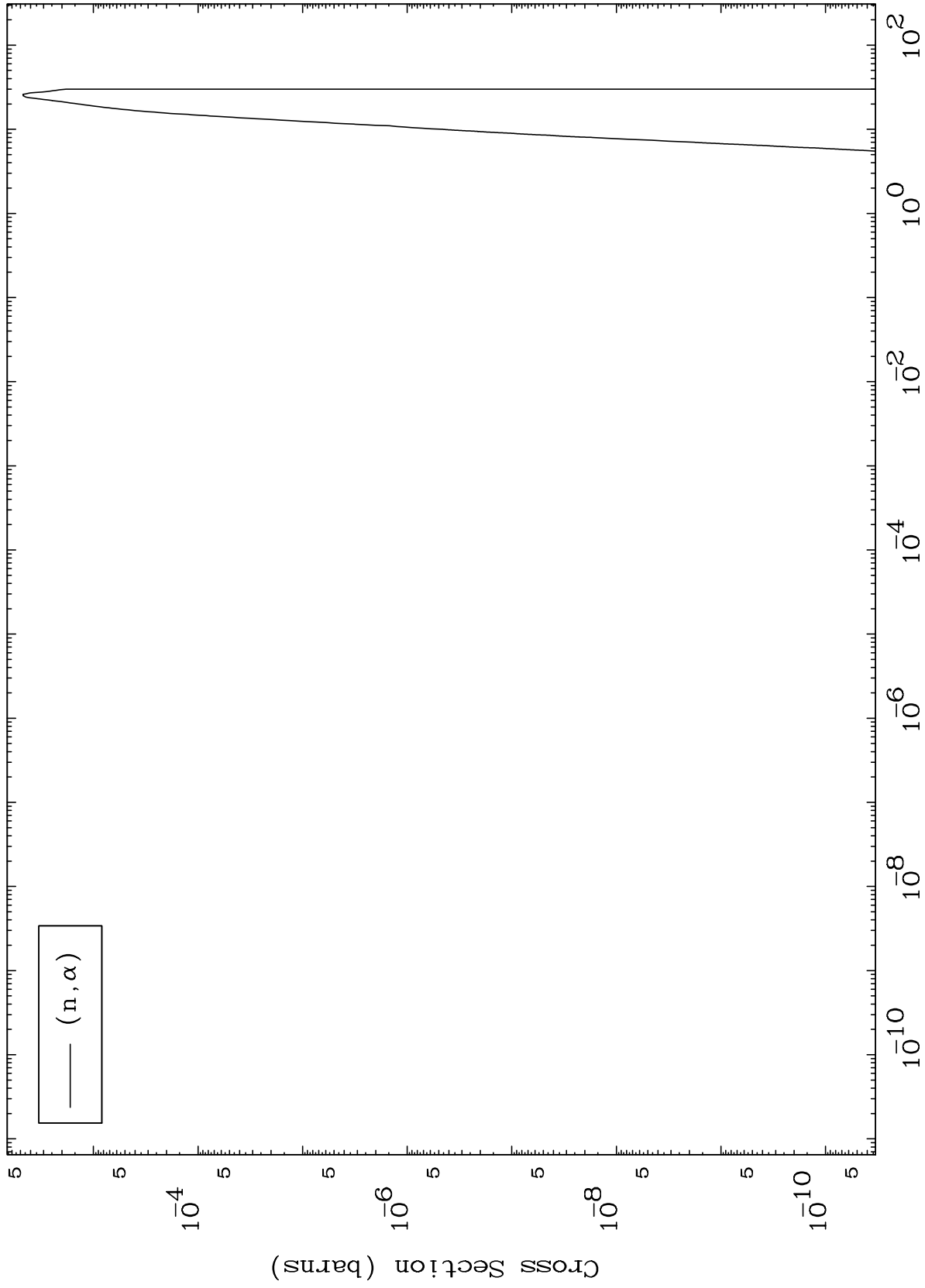
Incident Energy (MeV)

93-Np-244

MAT 9367

(n,α) Levels
293 Kelvin Cross Sections

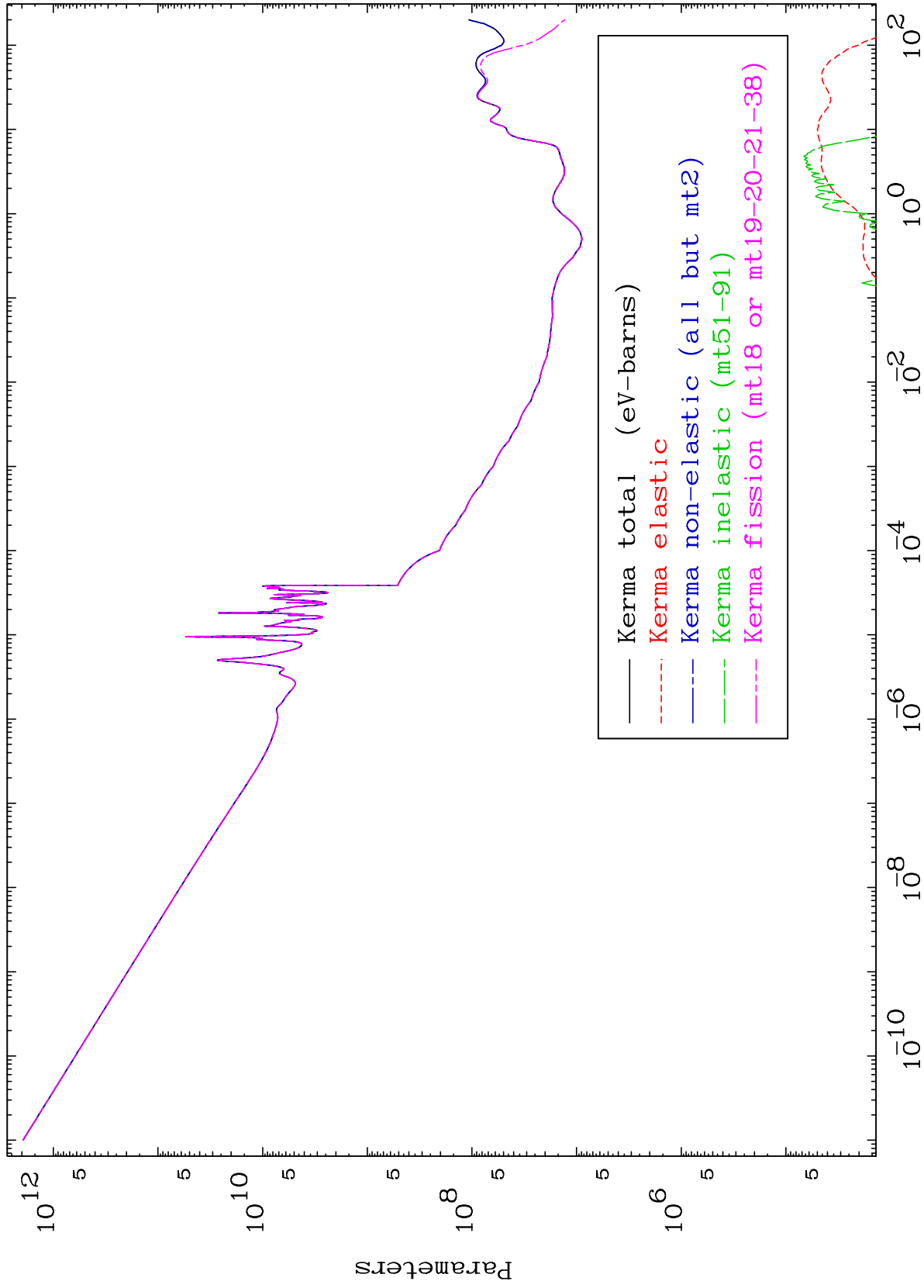
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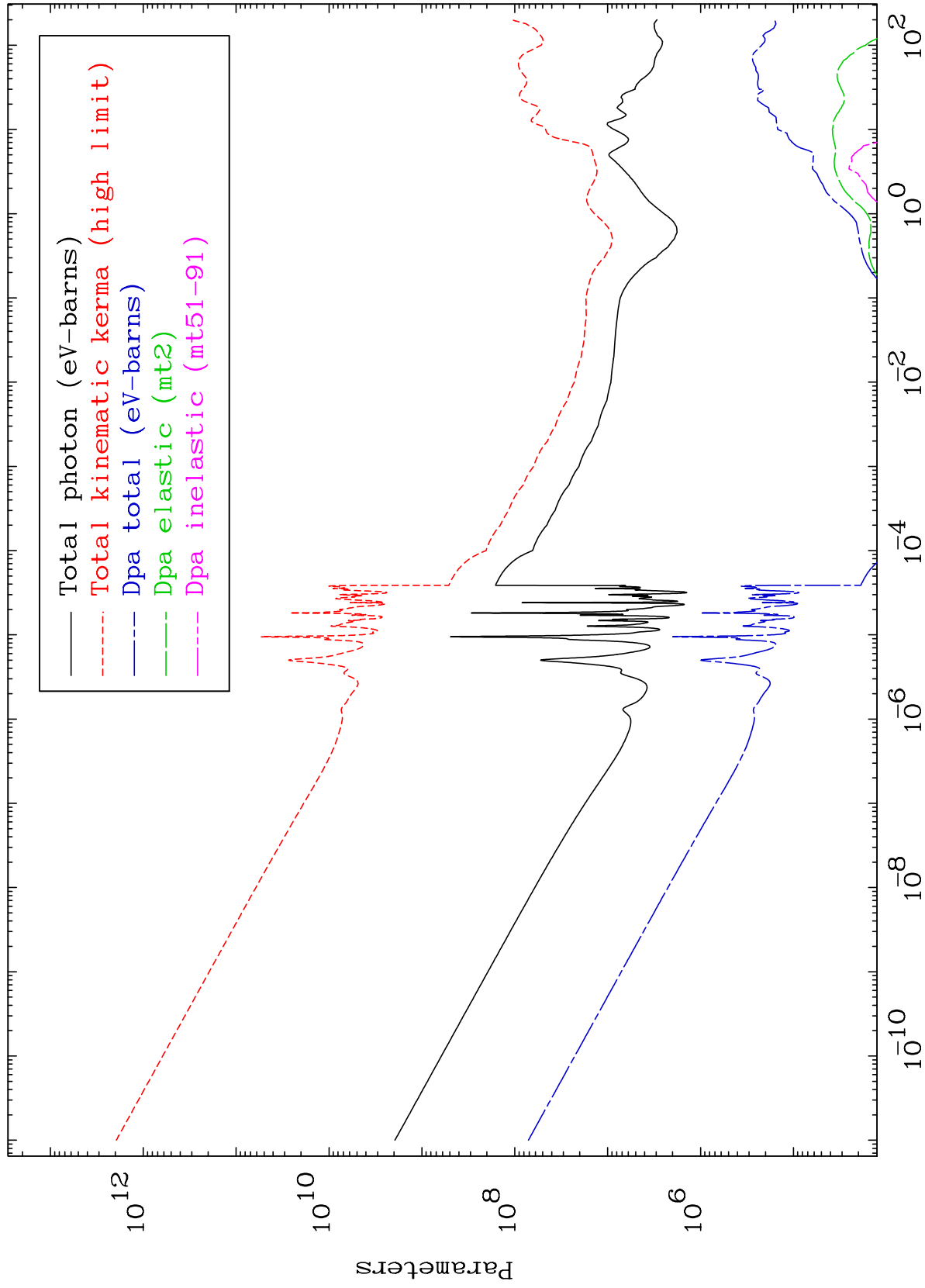


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Incident Energy (MeV)

93-Np-244

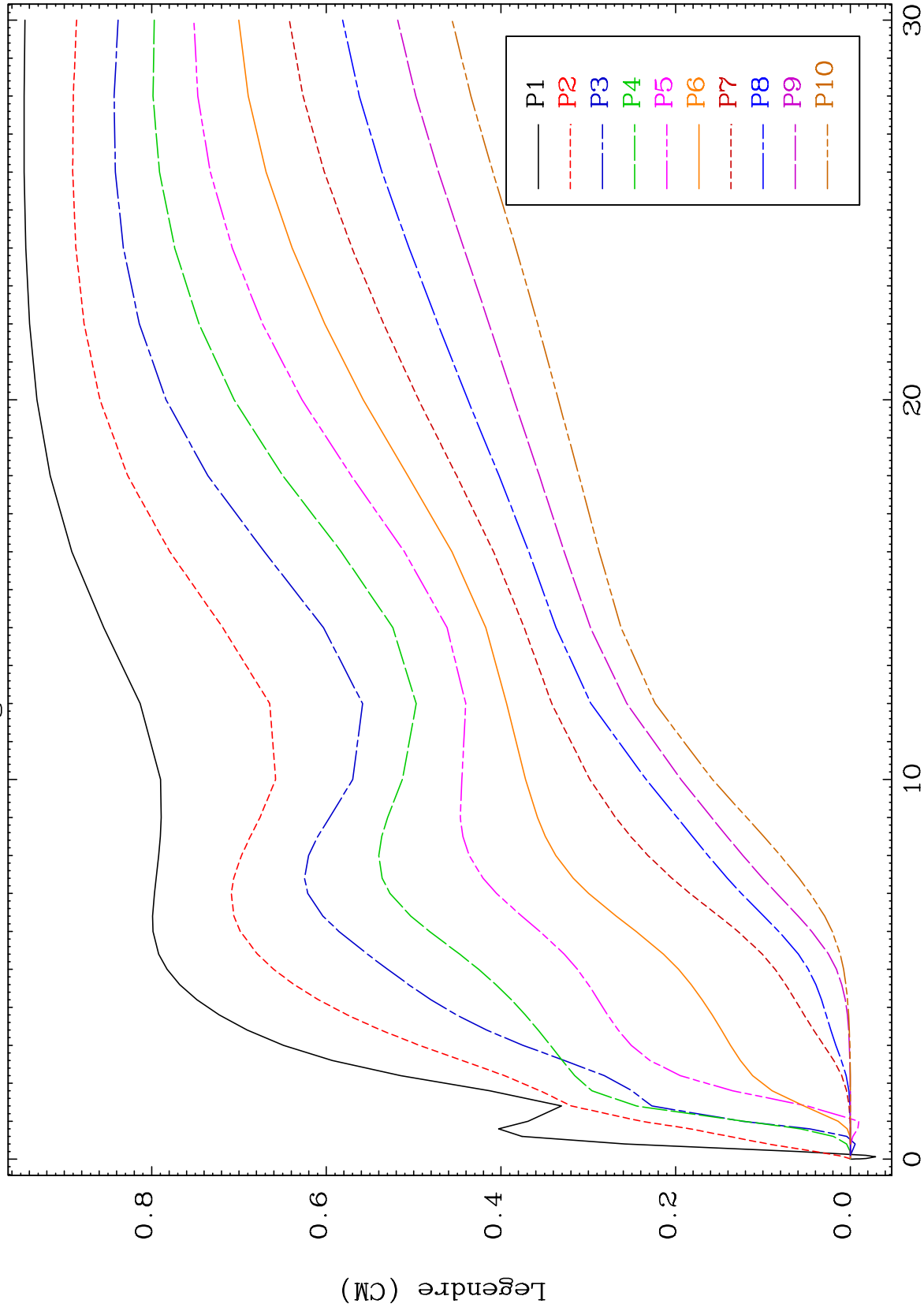




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Elastic Legendre Coefficients

93-Np-244



16

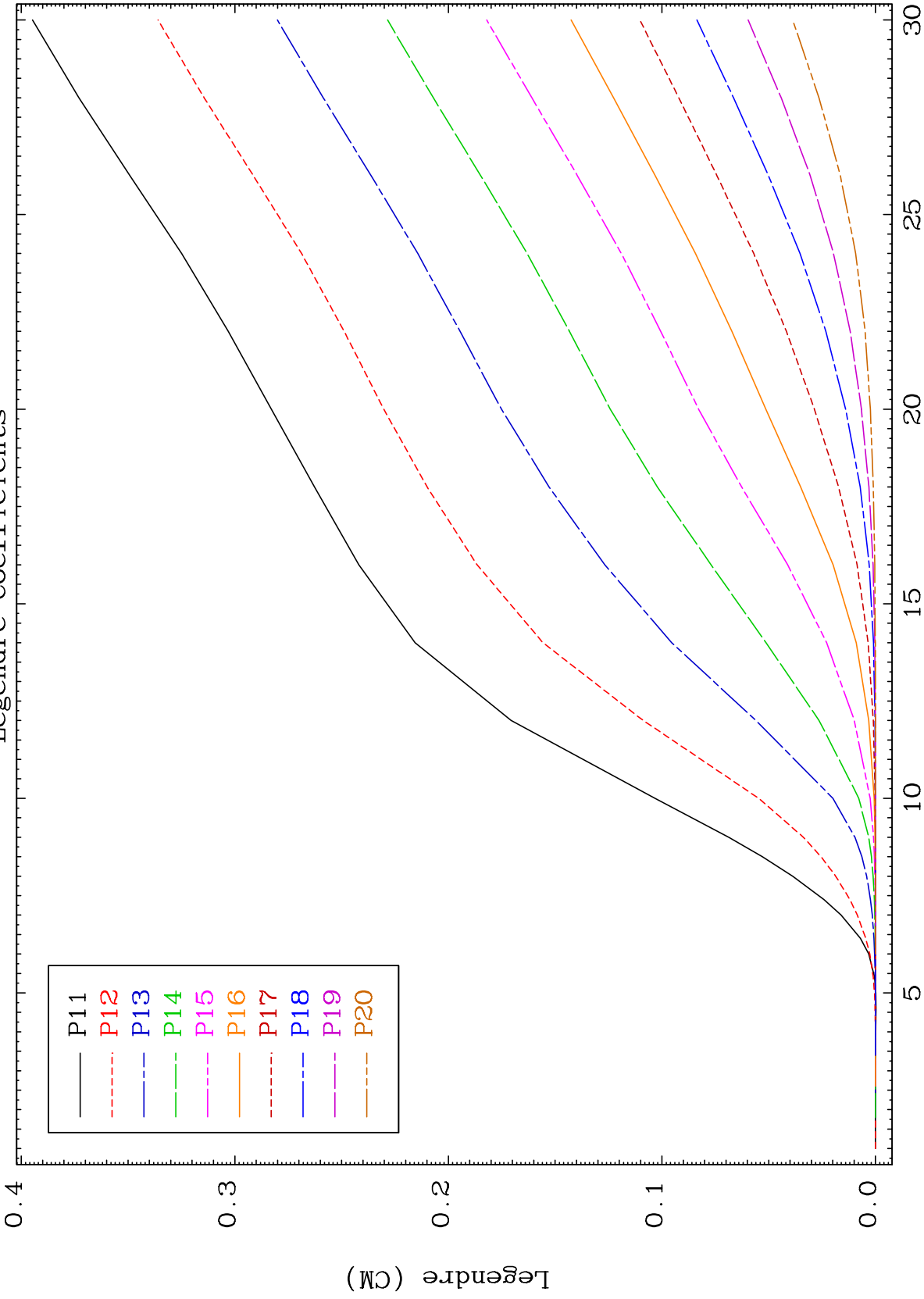
Incident Energy (MeV)

93-Np-244

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Elastic Legendre Coefficients

$^{93}\text{Np-244}$



17

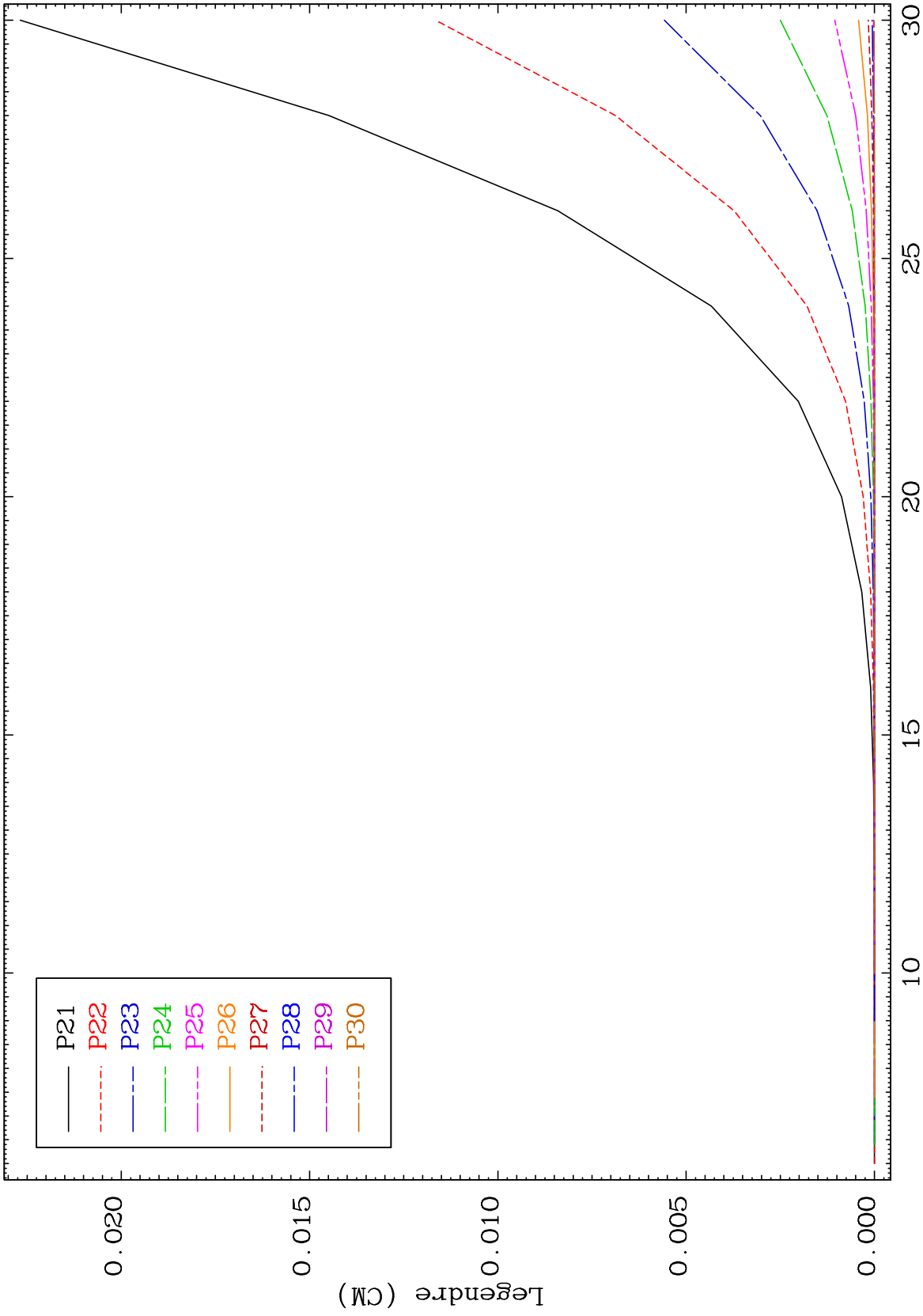
Incident Energy (MeV)

$^{93}\text{Np-244}$

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Elastic Legendre Coefficients

⁹³Np-244



18

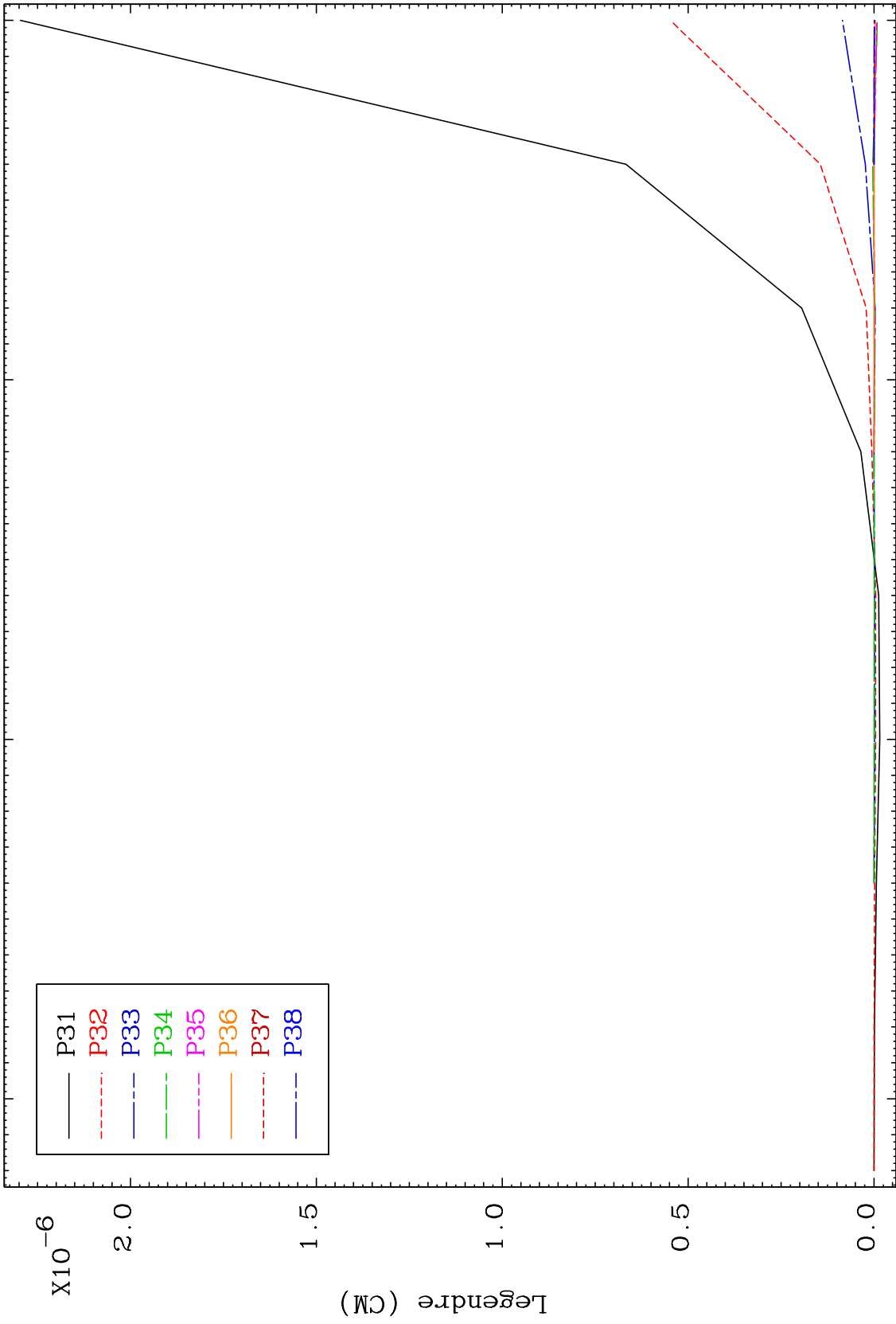
Incident Energy (MeV)

⁹³Np-244

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Elastic Legendre Coefficients

93-Np-244



19

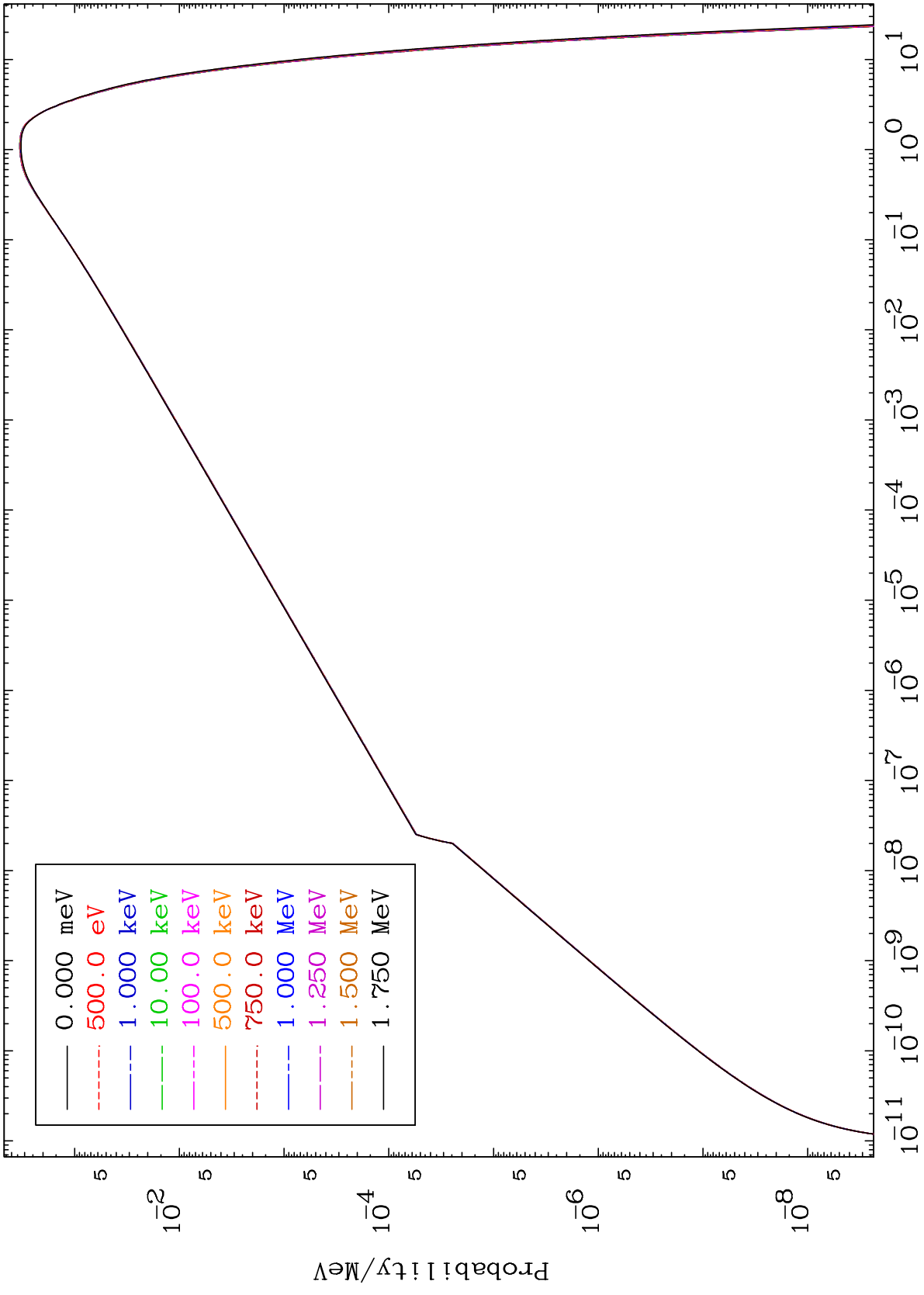
Incident Energy (MeV)

93-Np-244

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Fission Energy Distribution

93-Np-244

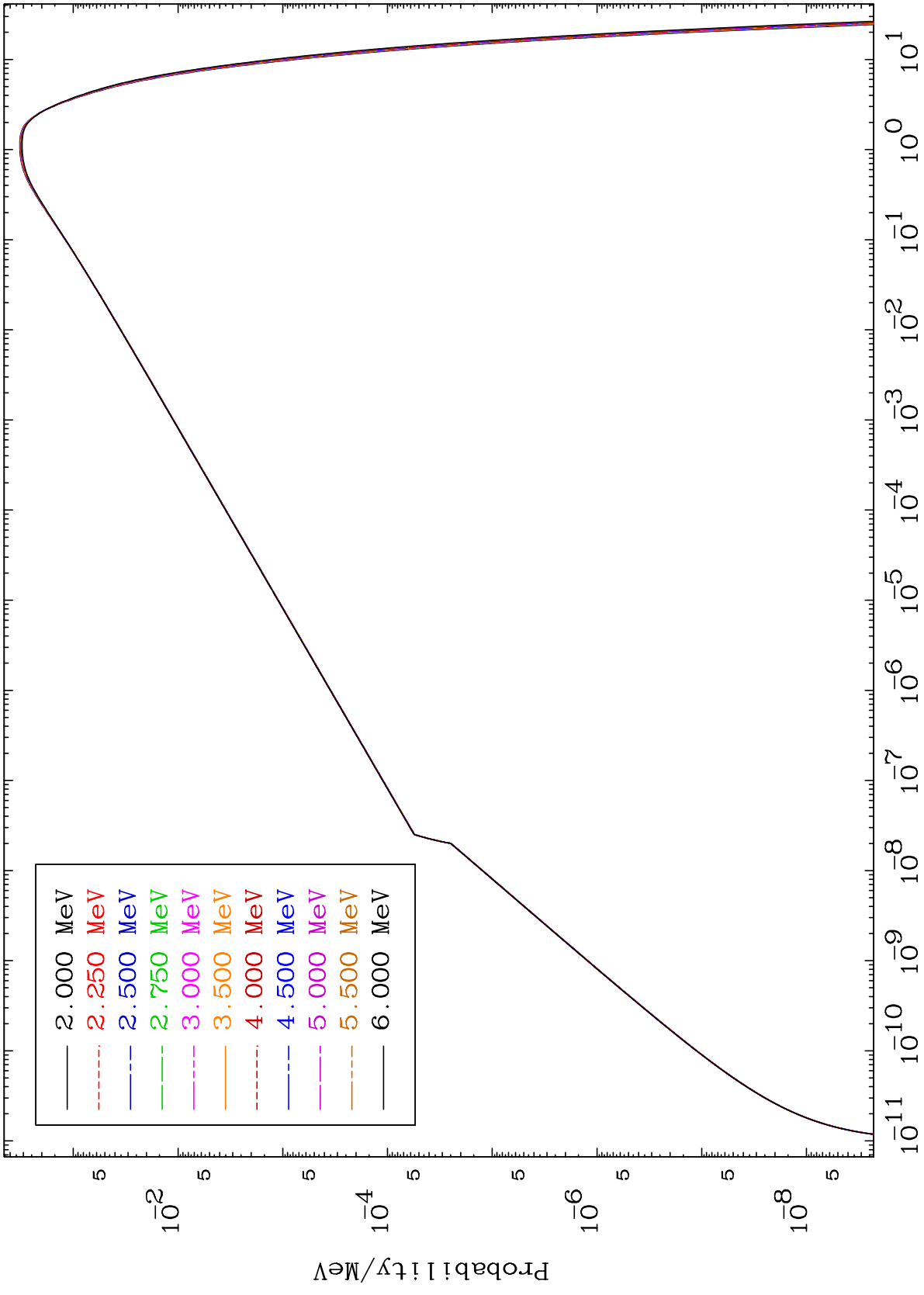


93-Np-244

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Fission Energy Distribution

93-Np-244

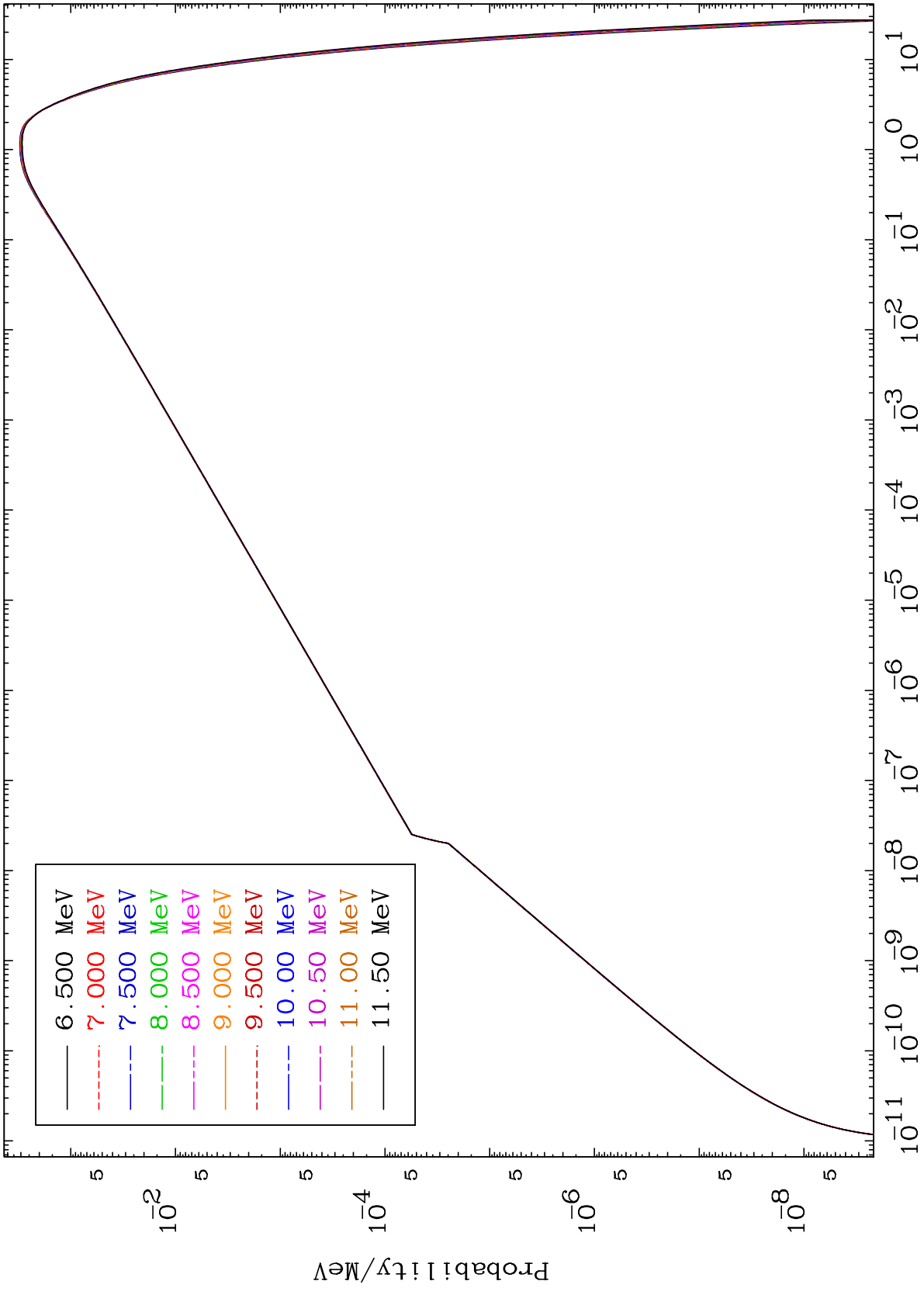


93-Np-244

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Fission Energy Distribution

93-Np-244



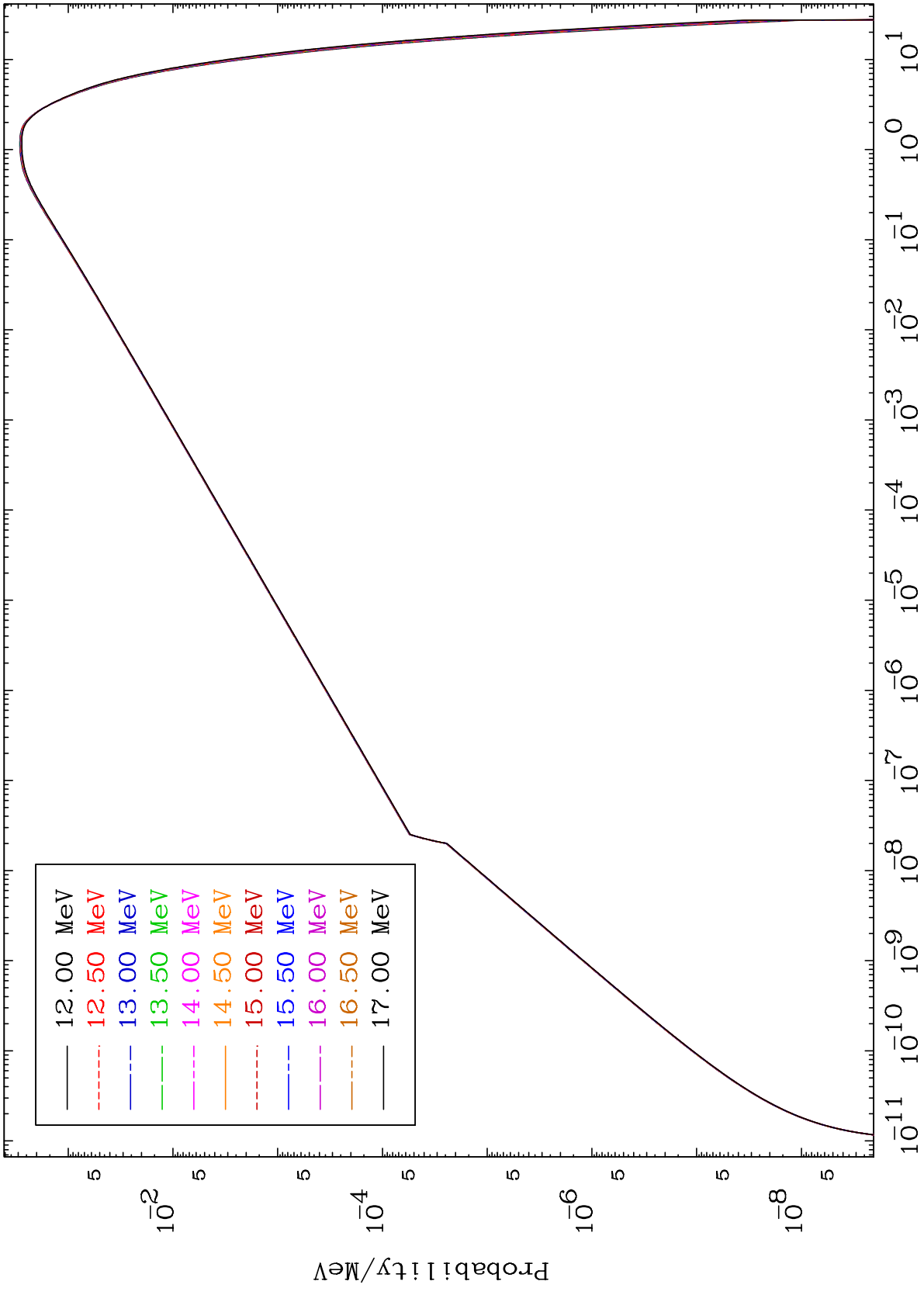
93-Np-244

Secondary Energy (MeV)

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Fission Energy Distribution

93-Np-244

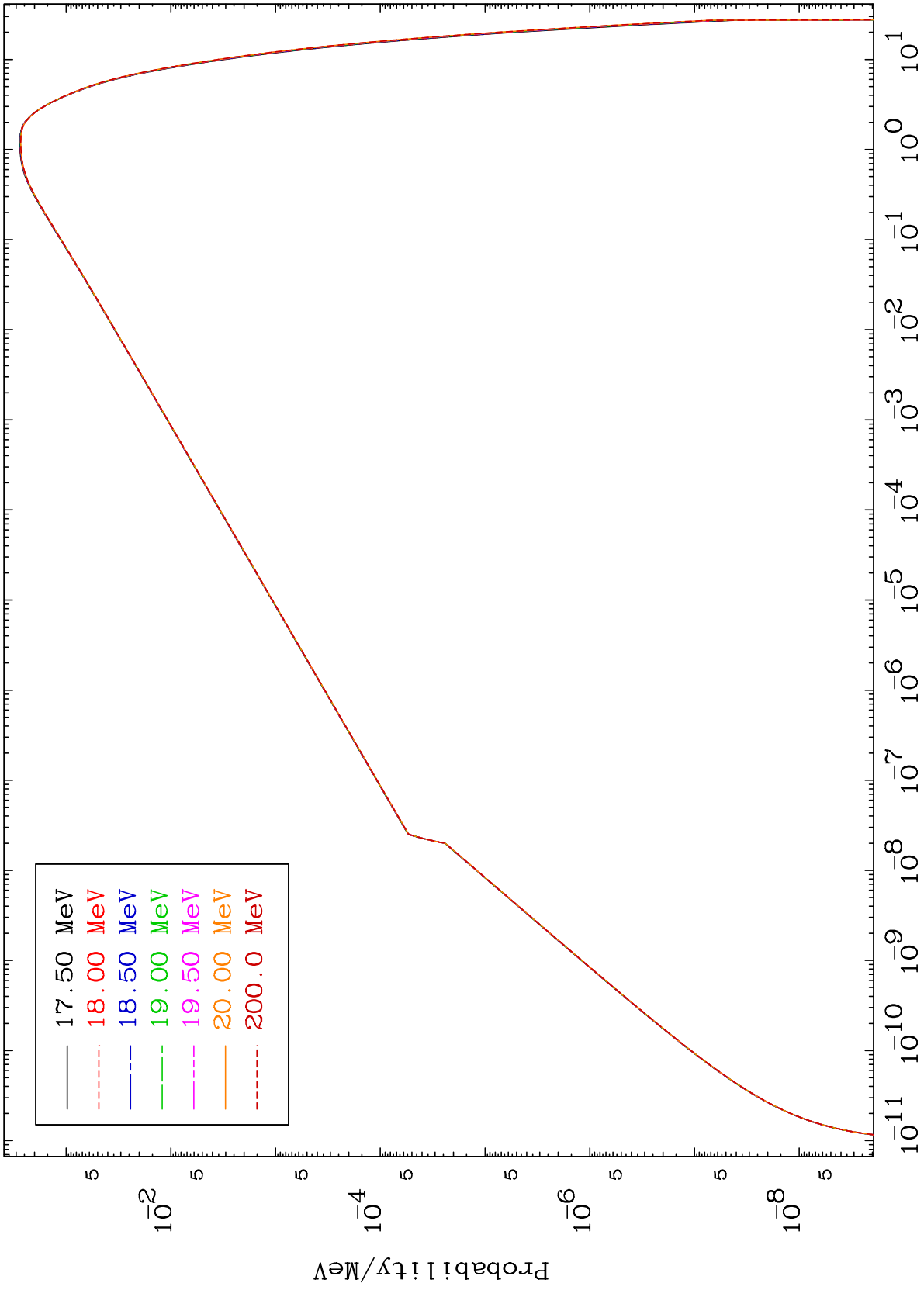


93-Np-244

MAT 9367

Fission Energy Distribution

93-Np-244

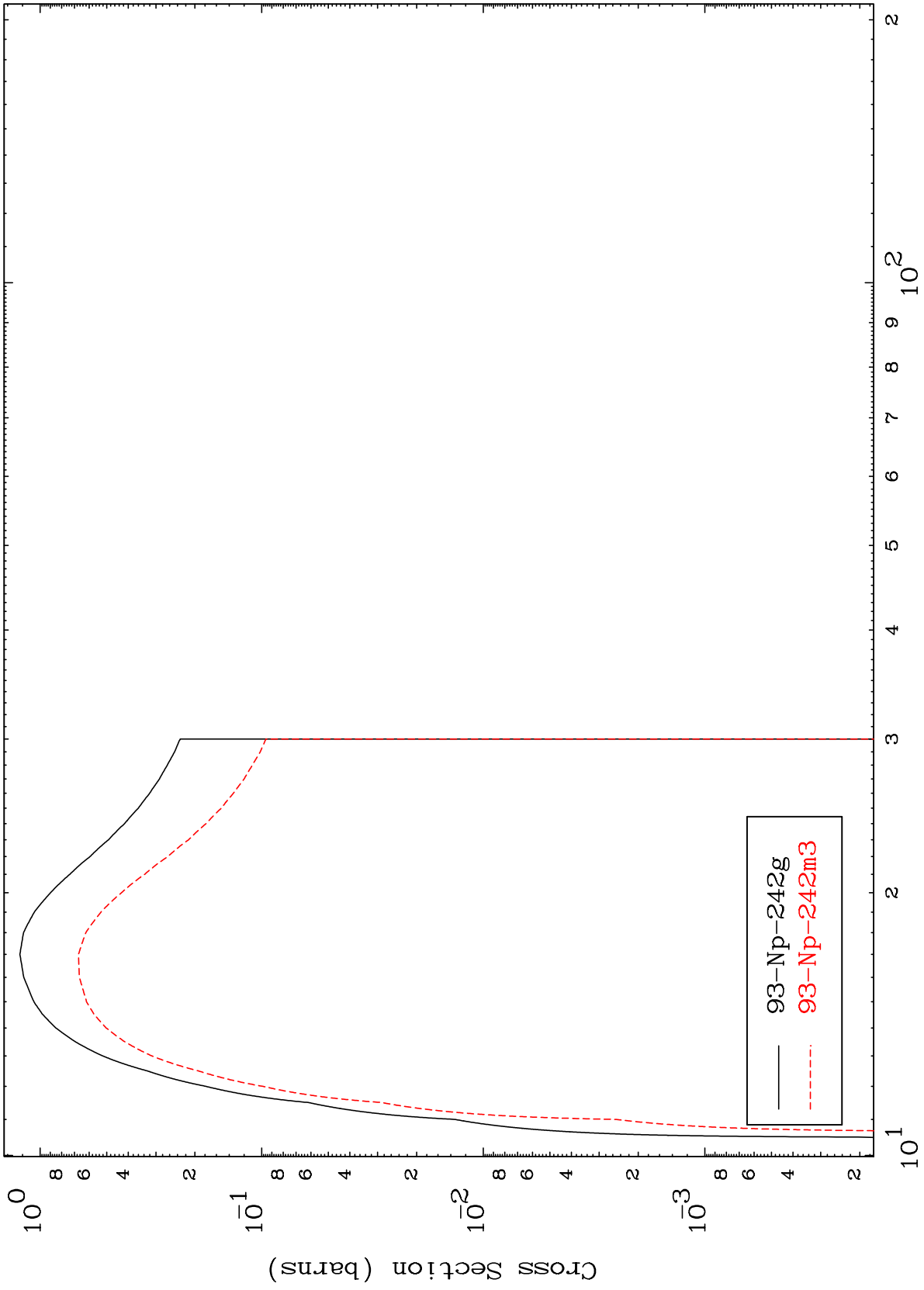


—	17.50	MeV
- - -	18.00	MeV
- · - ·	18.50	MeV
- - -	19.00	MeV
- · - ·	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

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93-Np-244

(n,3n)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

93-Np-244