

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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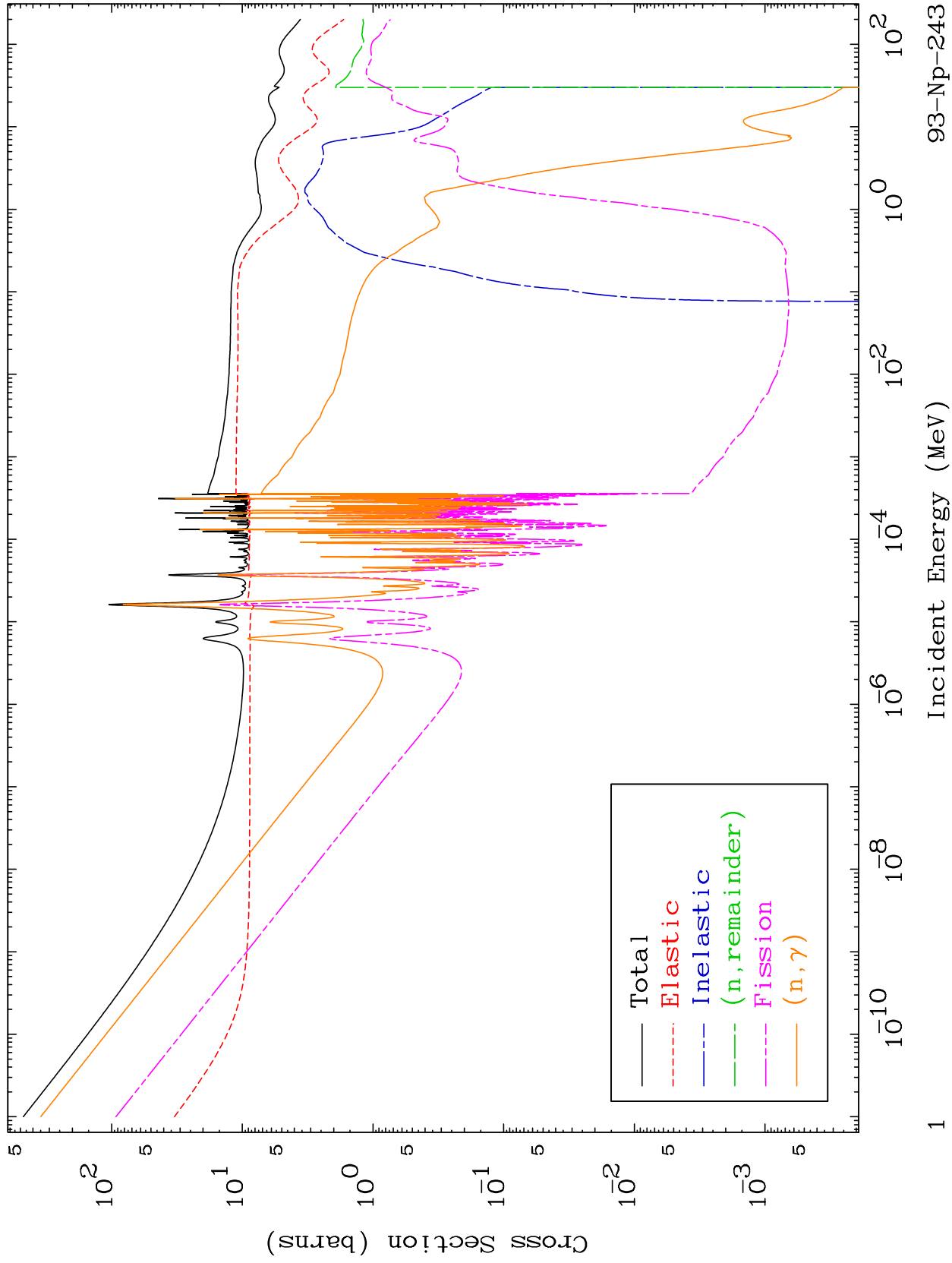
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9364

Major  
293 Kelvin Cross Sections

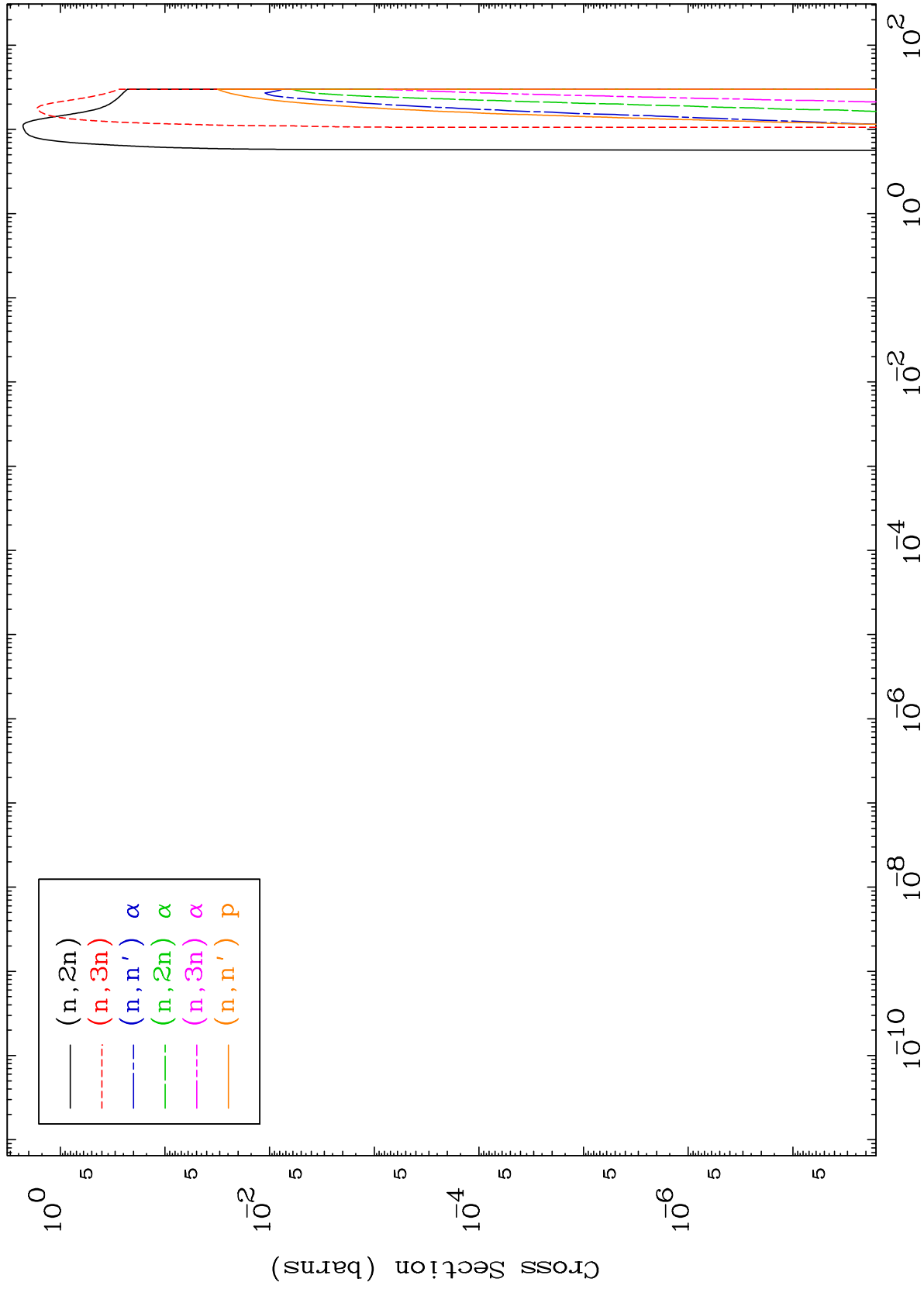
93-Np-243



MAT 9364

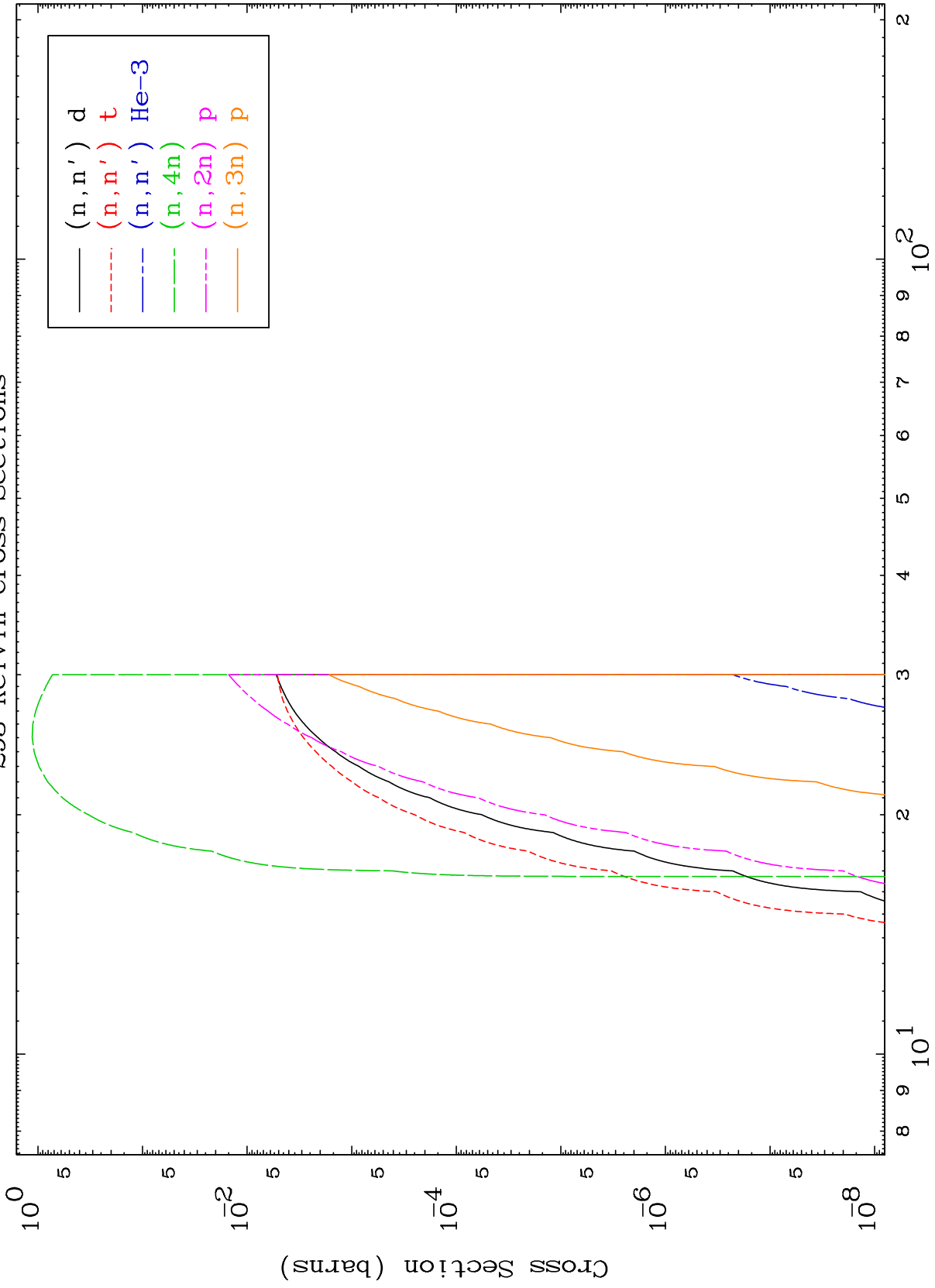
Neutron Production  
293 Kelvin Cross Sections

93-Np-243



2

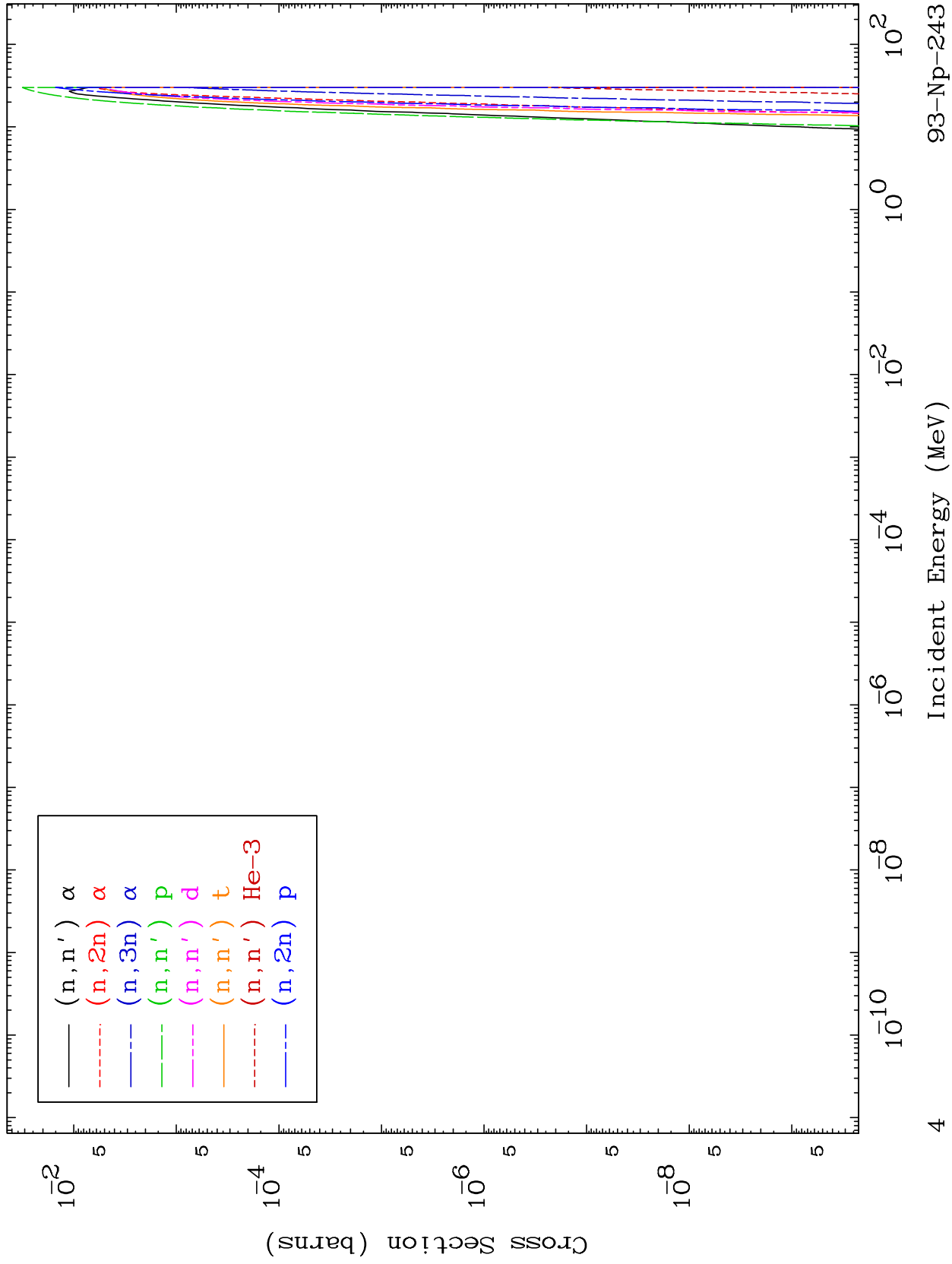
93-Np-243



MAT 9364

Charged Particle  
293 Kelvin Cross Sections

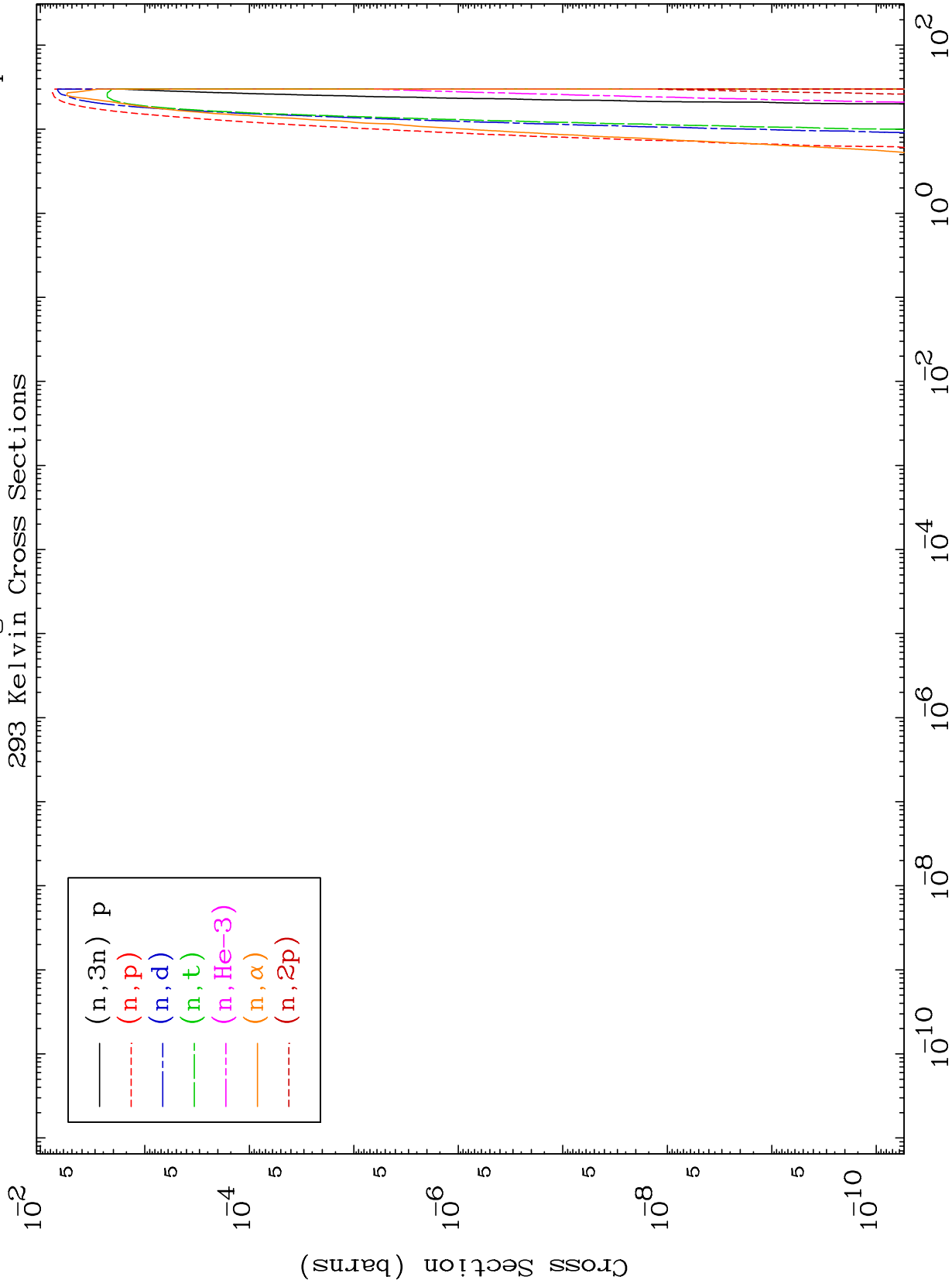
93-Np-243



MAT 9364

Charged Particle  
293 Kelvin Cross Sections

93-Np-243



5

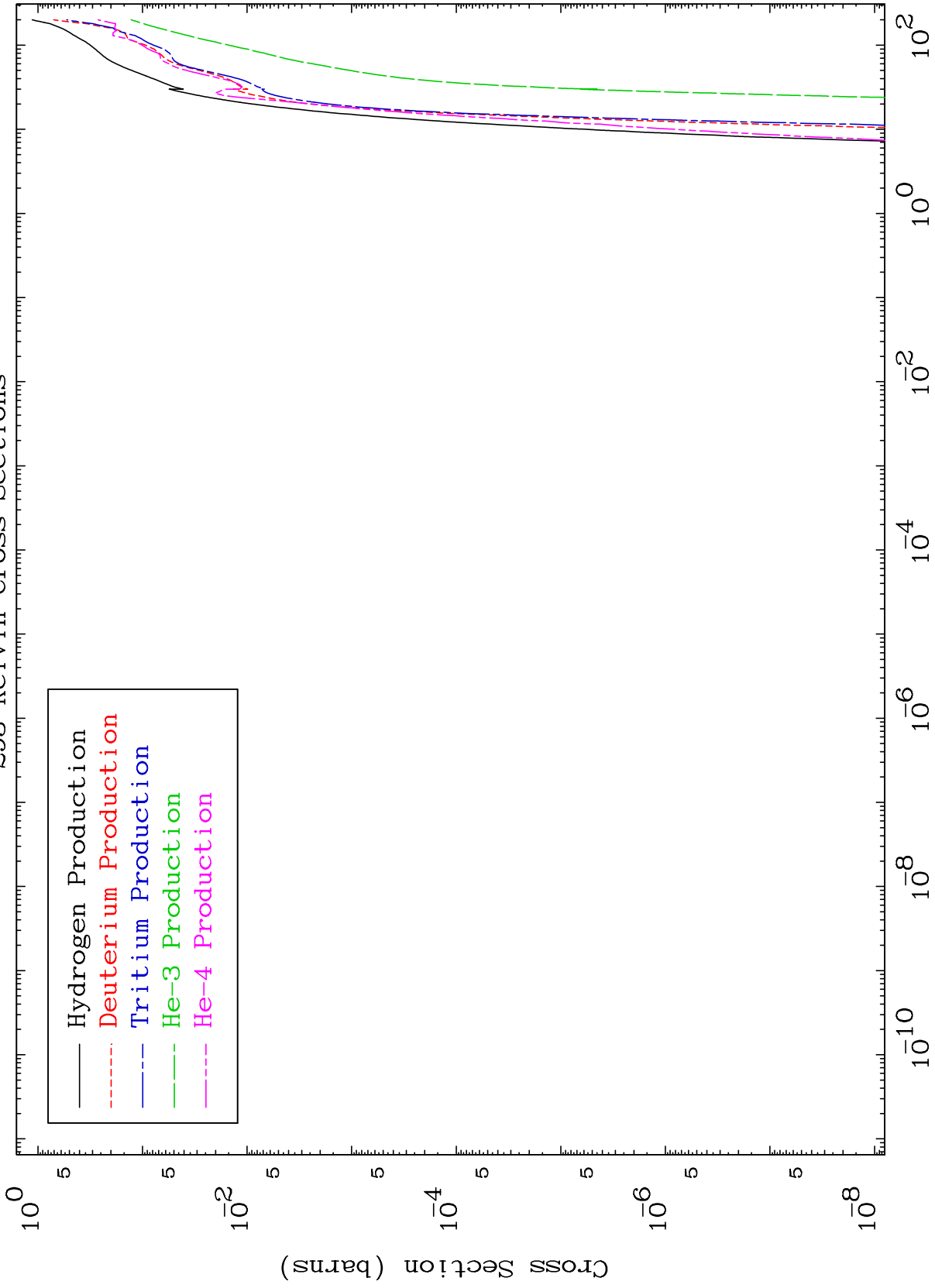
Incident Energy (MeV)

93-Np-243

MAT 9364

Particle Production  
293 Kelvin Cross Sections

93-Np-243



6

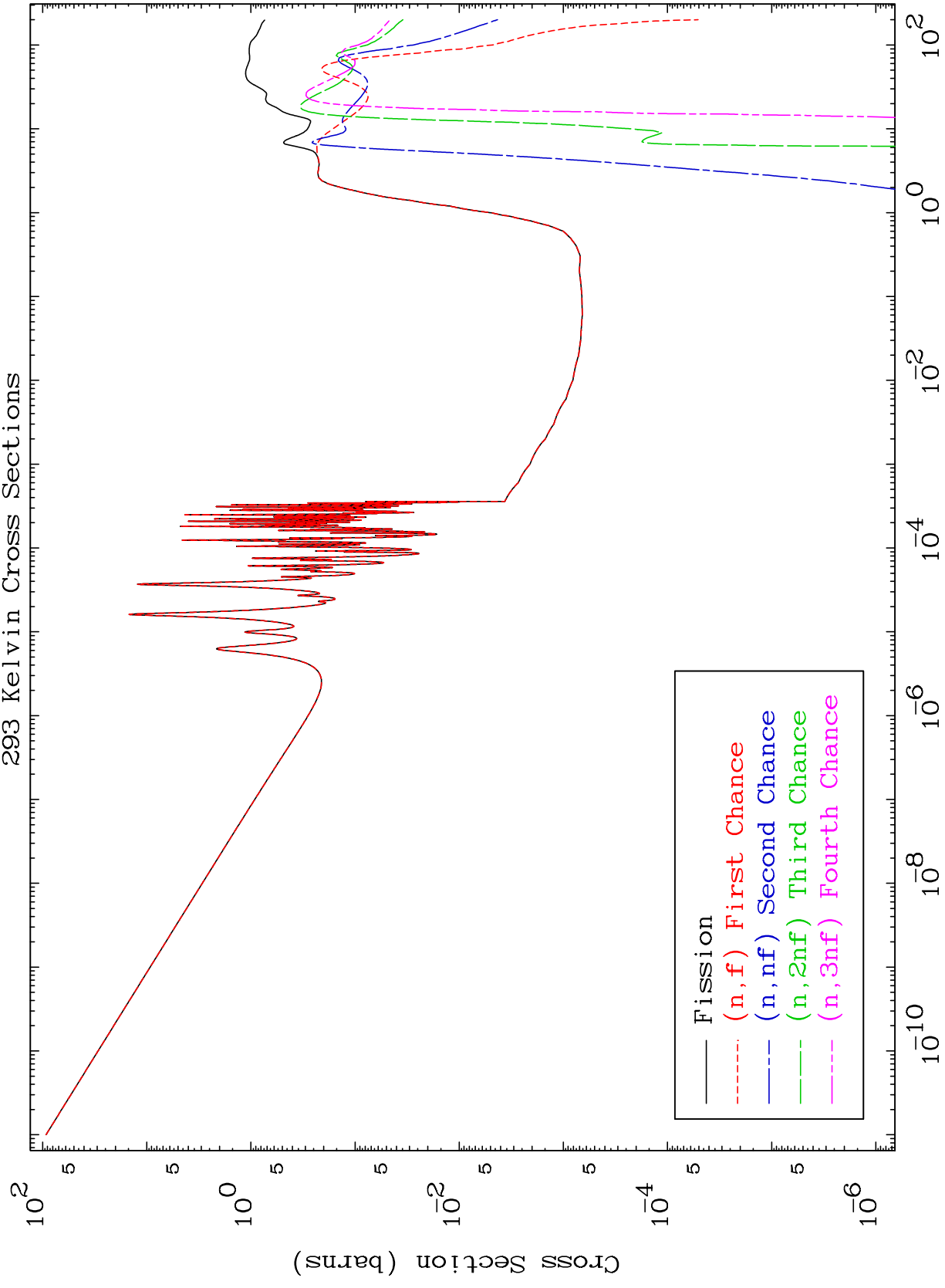
Incident Energy (MeV)

93-Np-243

MAT 9364

Fission  
293 Kelvin Cross Sections

93-Np-243



93-Np-243

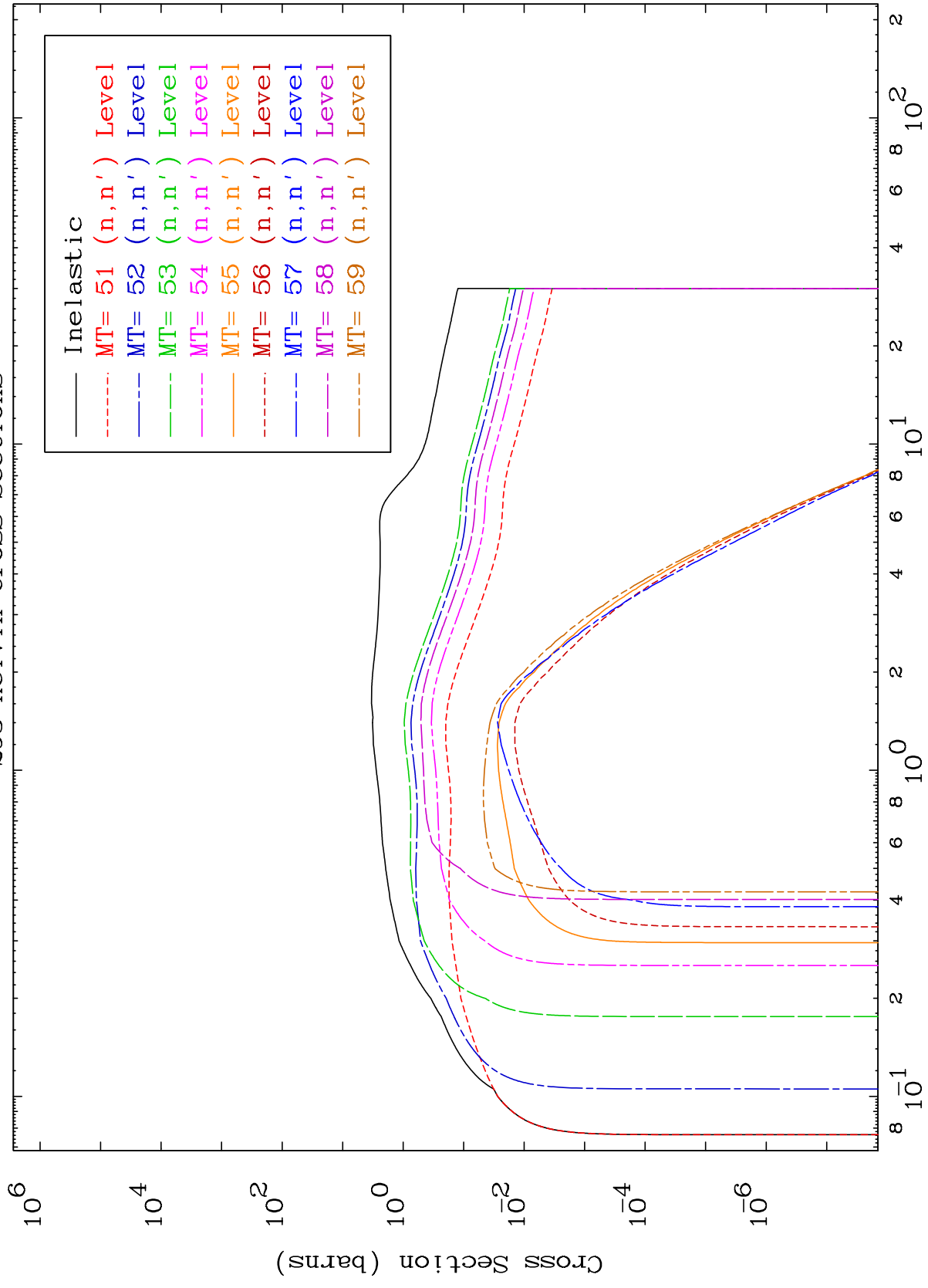
Incident Energy (MeV)



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(n,n') Level  
293 Kelvin Cross Sections

93-Np-243



8

Incident Energy (MeV)

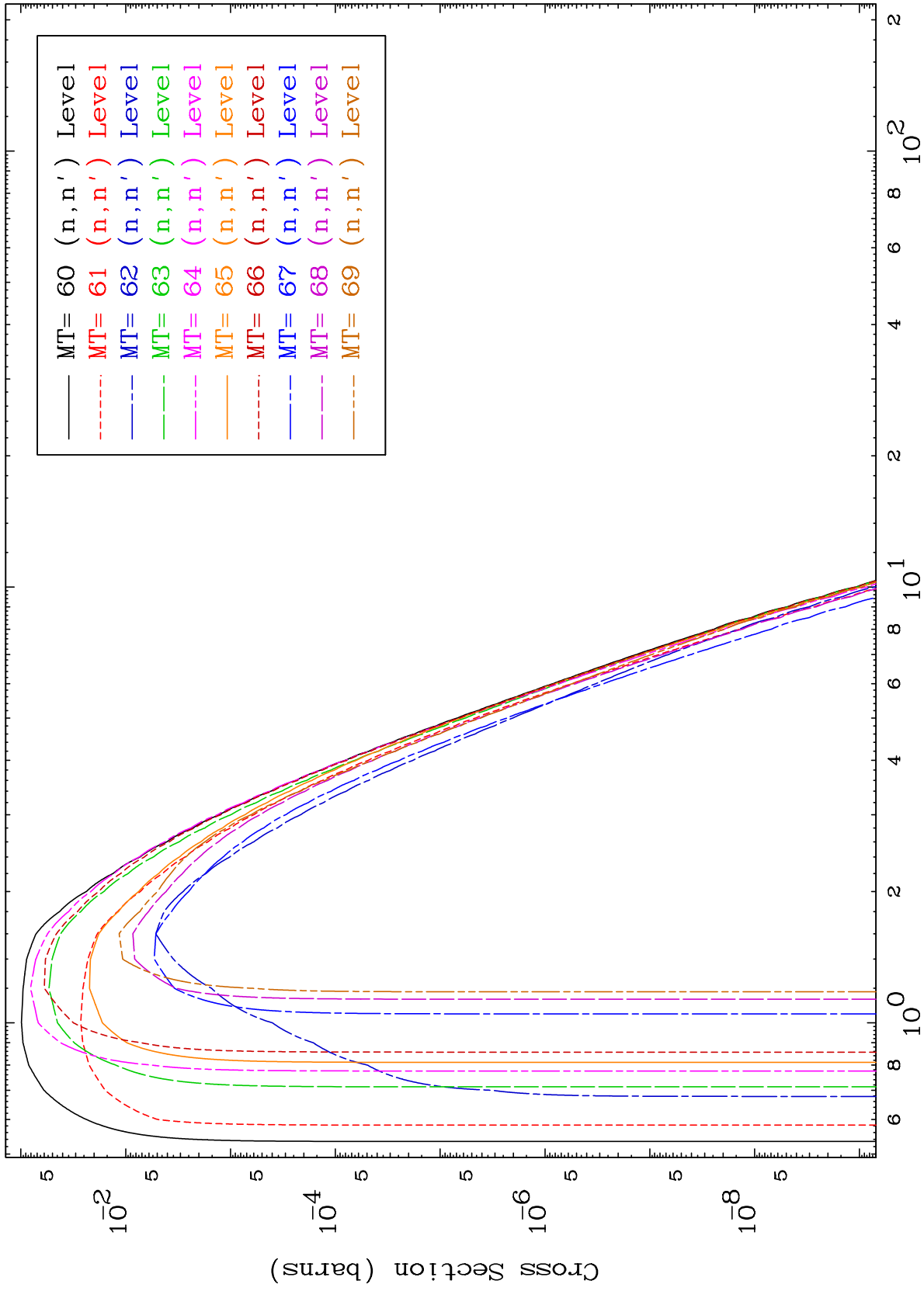
93-Np-243

MAT 9364

(n,n') Level

93-Np-243

293 Kelvin Cross Sections



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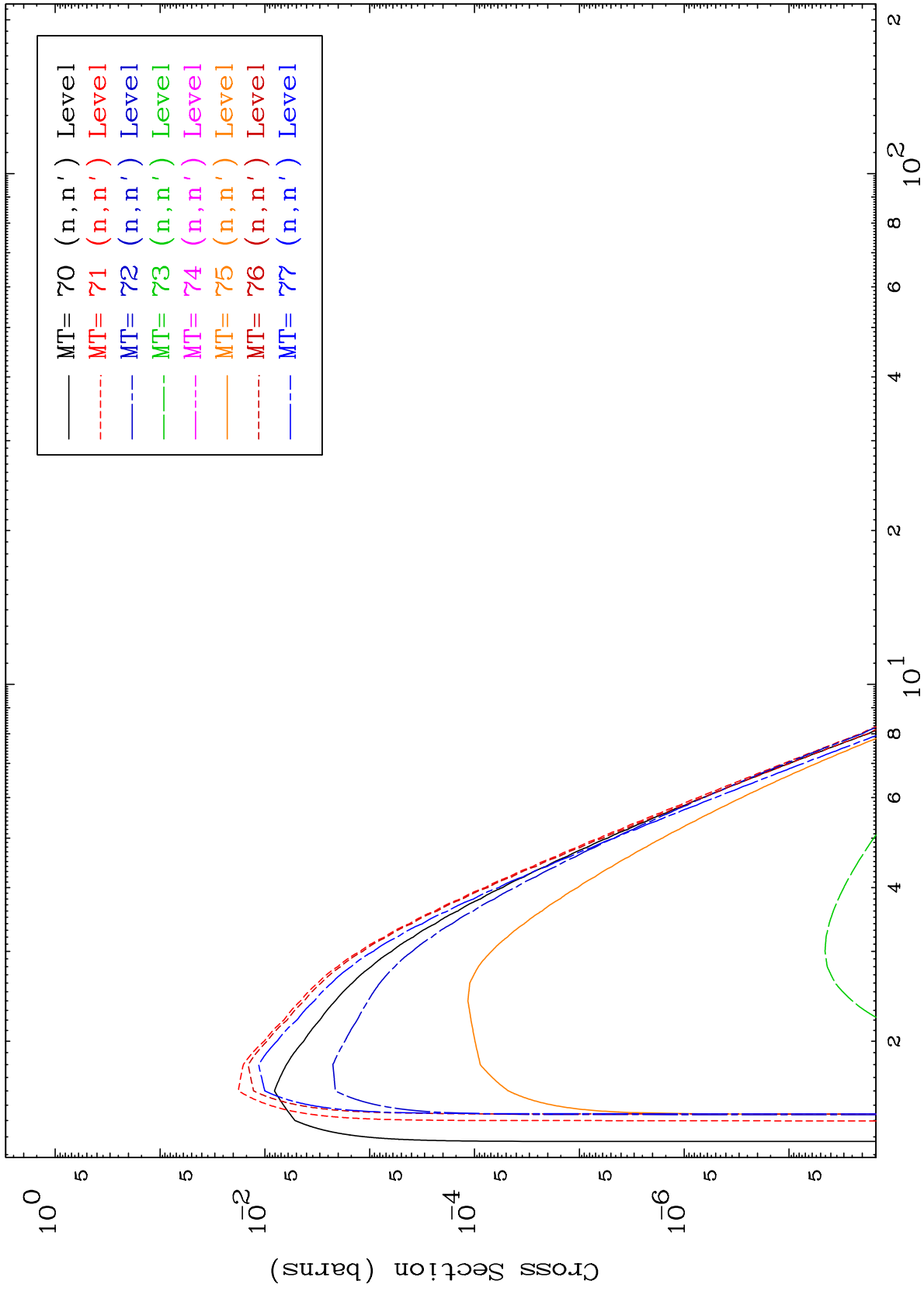
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,n') Level  
293 Kelvin Cross Sections

93-Np-243



10

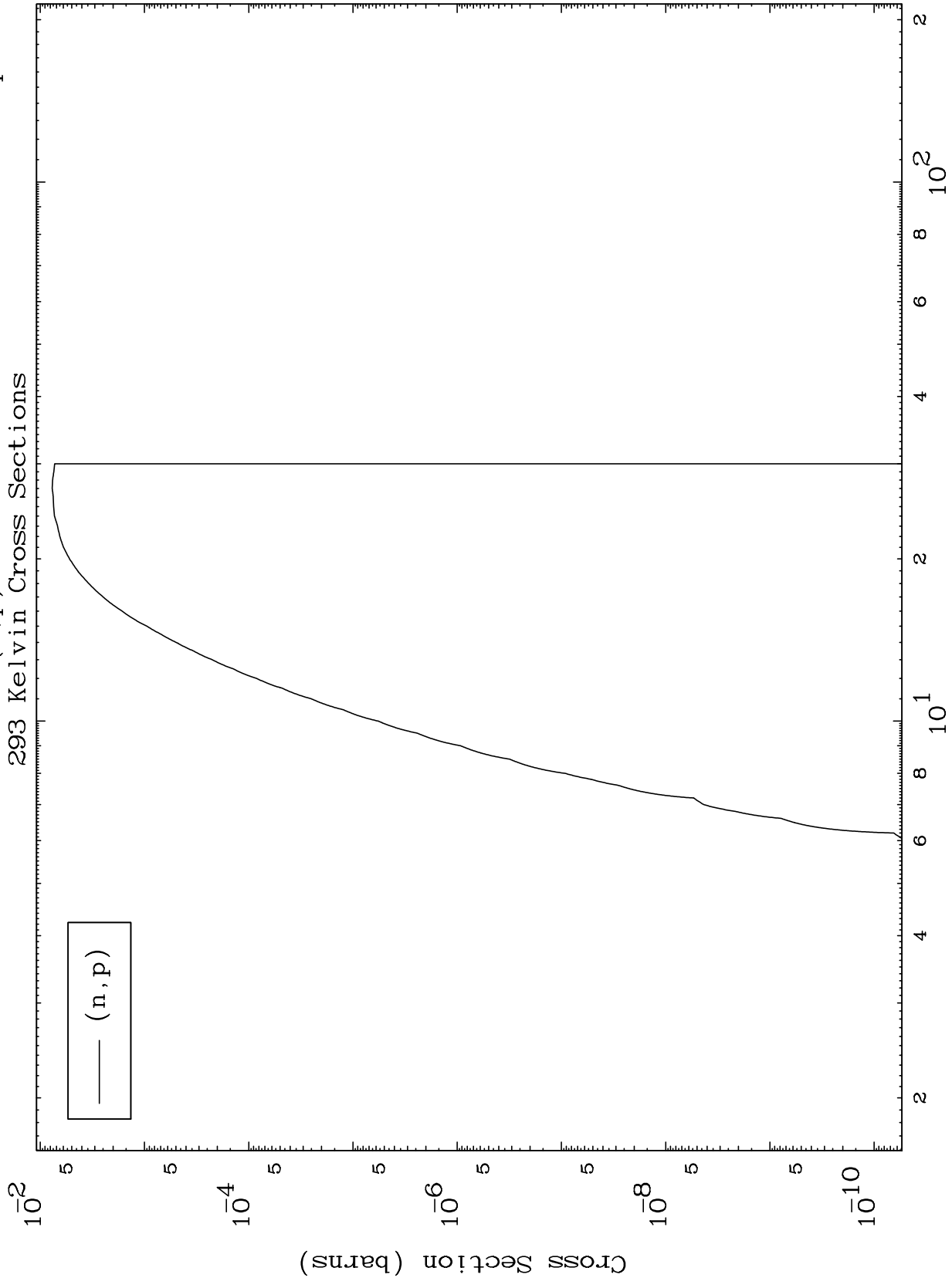
Incident Energy (MeV)

93-Np-243

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93-Np-243

(n,p) Levels  
293 Kelvin Cross Sections

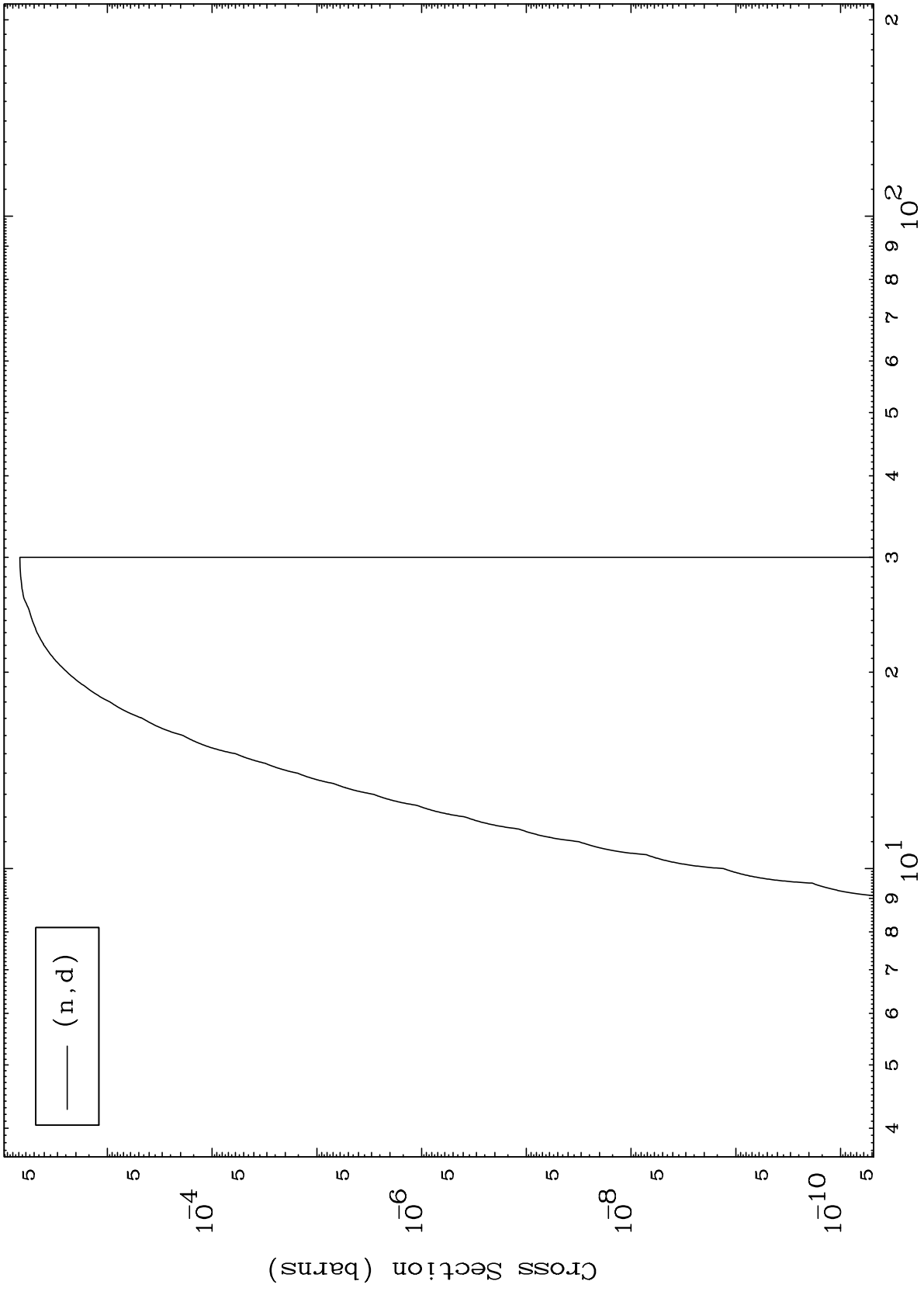


(n,p)

MAT 9364

(n,d) Levels  
293 Kelvin Cross Sections

93-Np-243



12

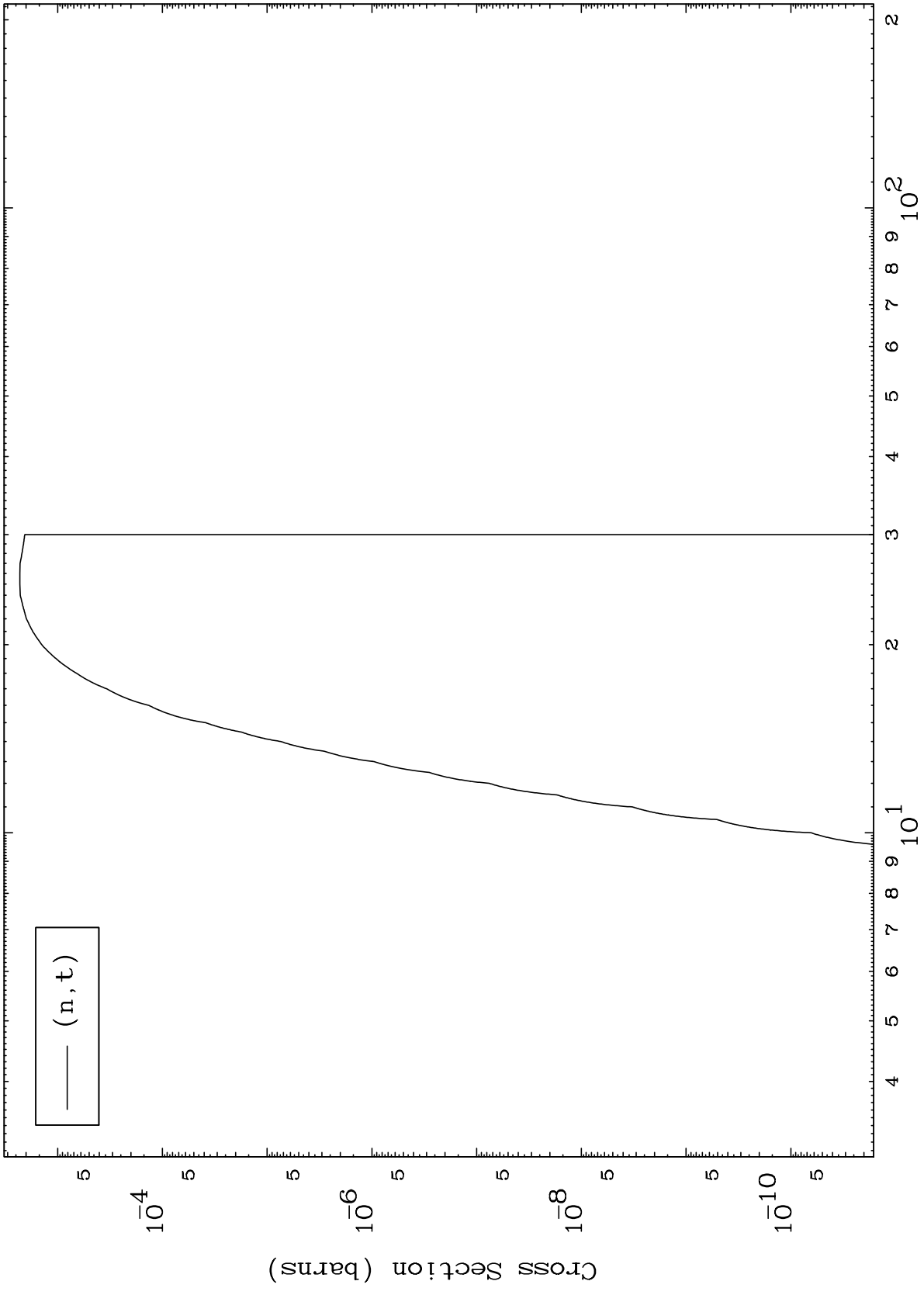
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,t) Levels  
293 Kelvin Cross Sections

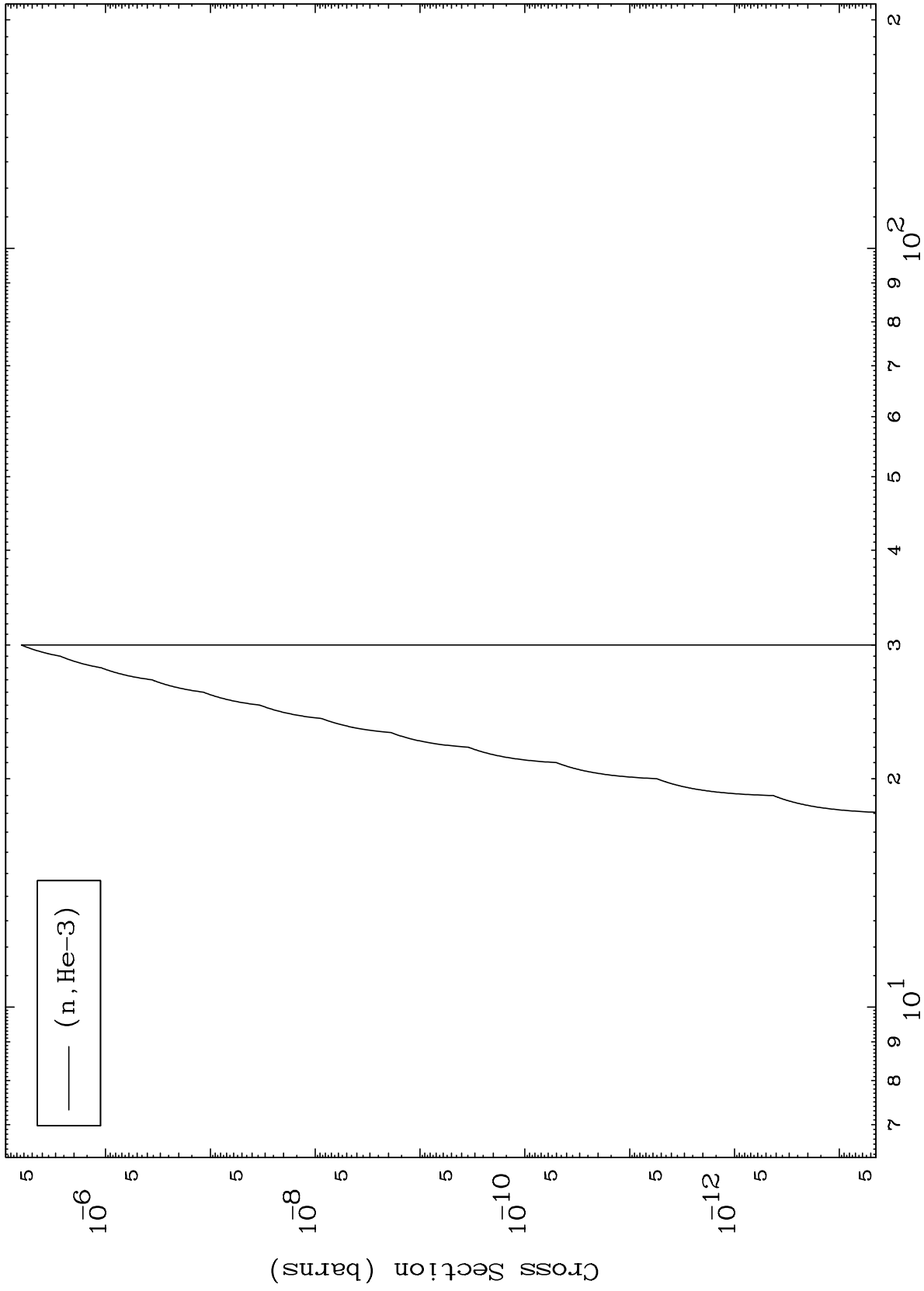
93-Np-243



MAT 9364

(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-243



14

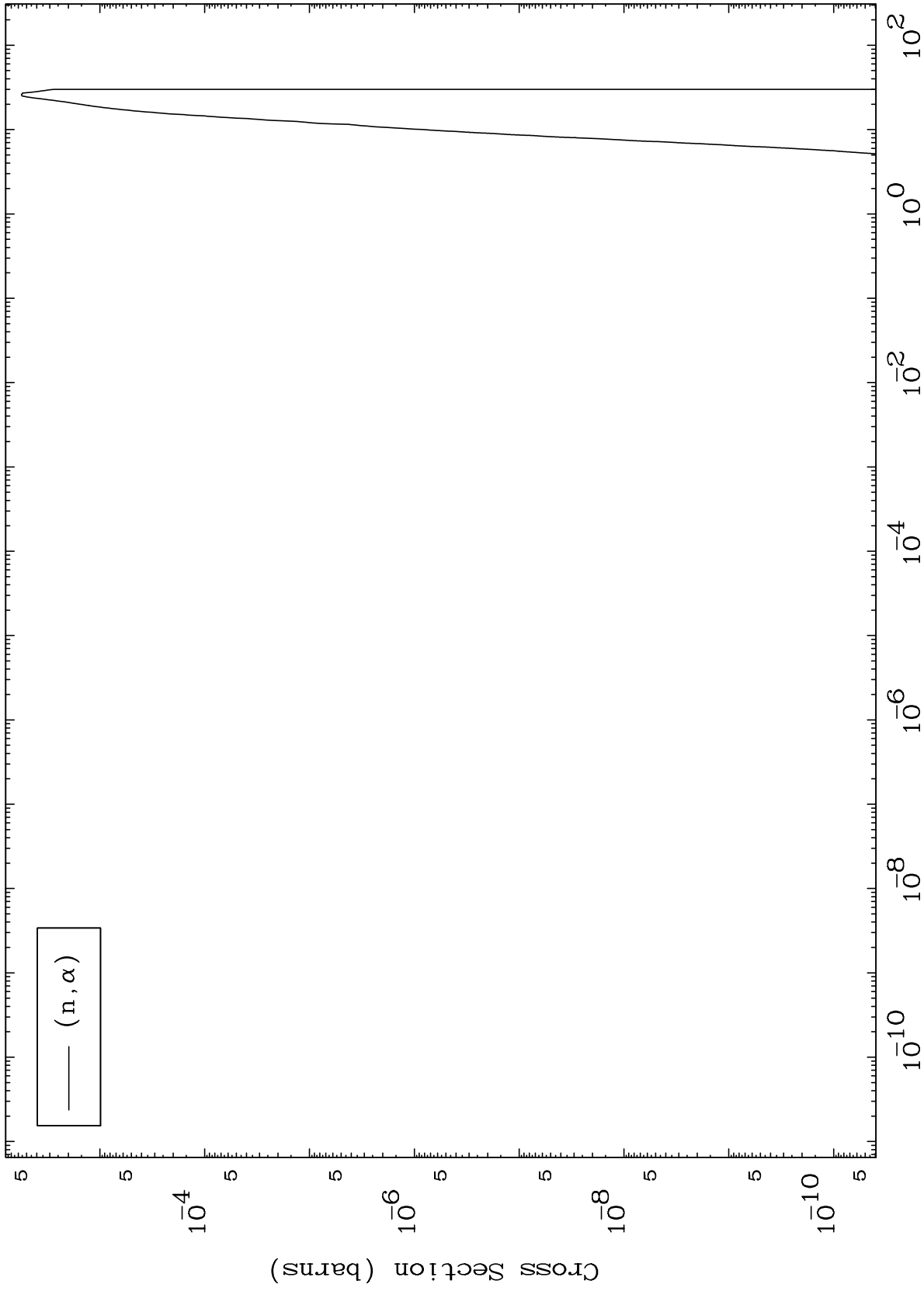
Incident Energy (MeV)

93-Np-243

MAT 9364

(n,α) Levels  
293 Kelvin Cross Sections

93-Np-243

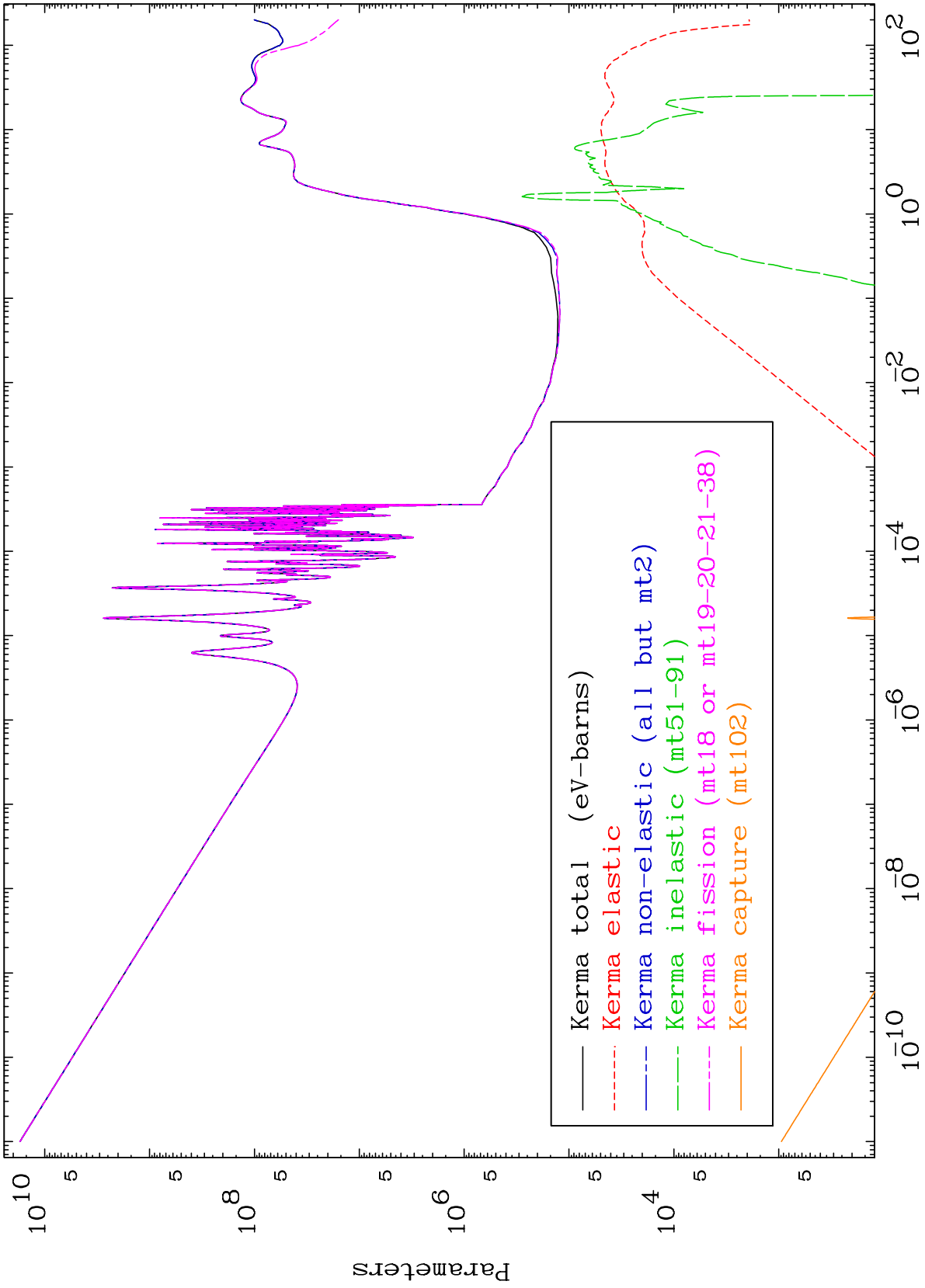


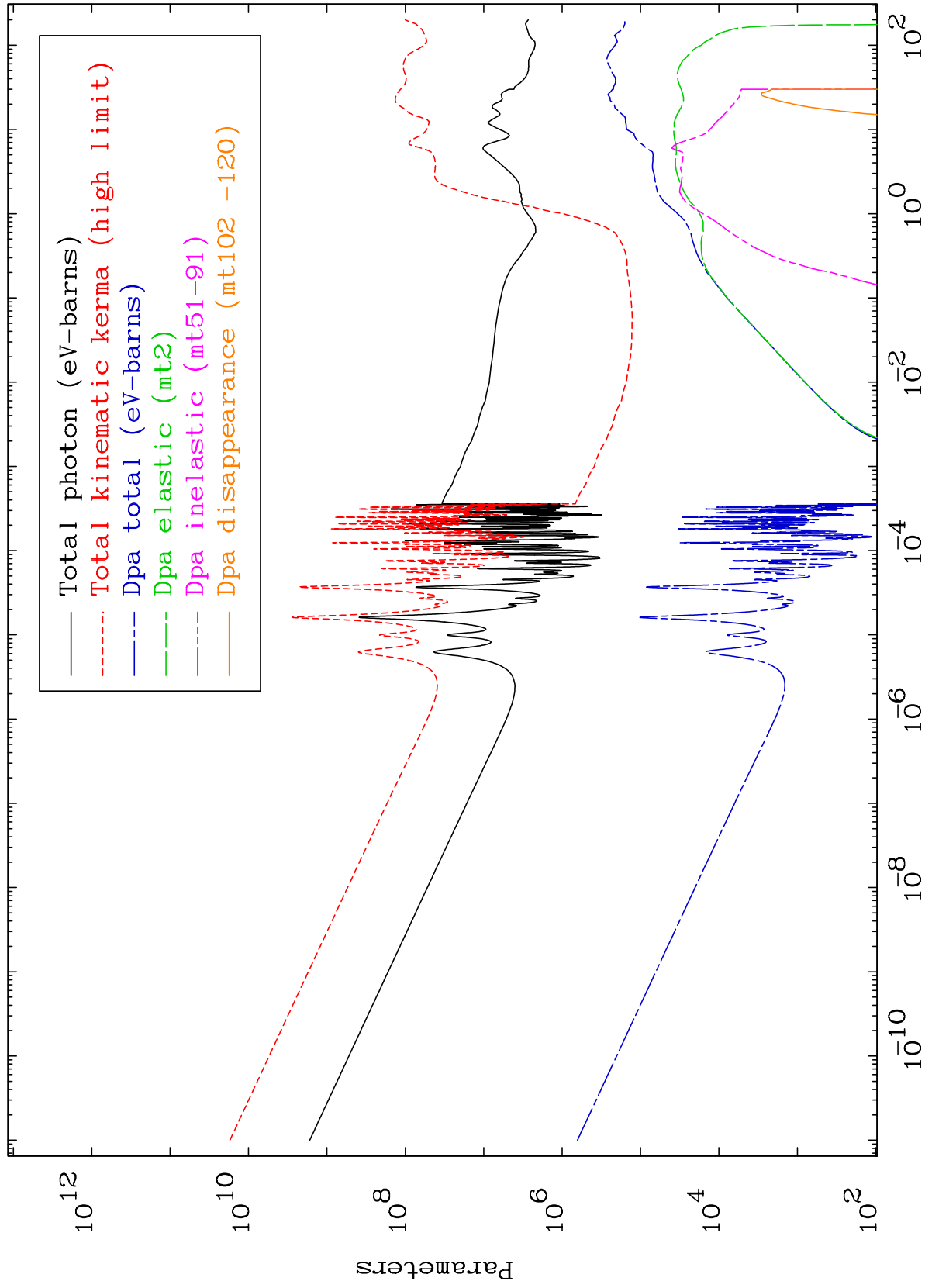
15

Incident Energy (MeV)

93-Np-243



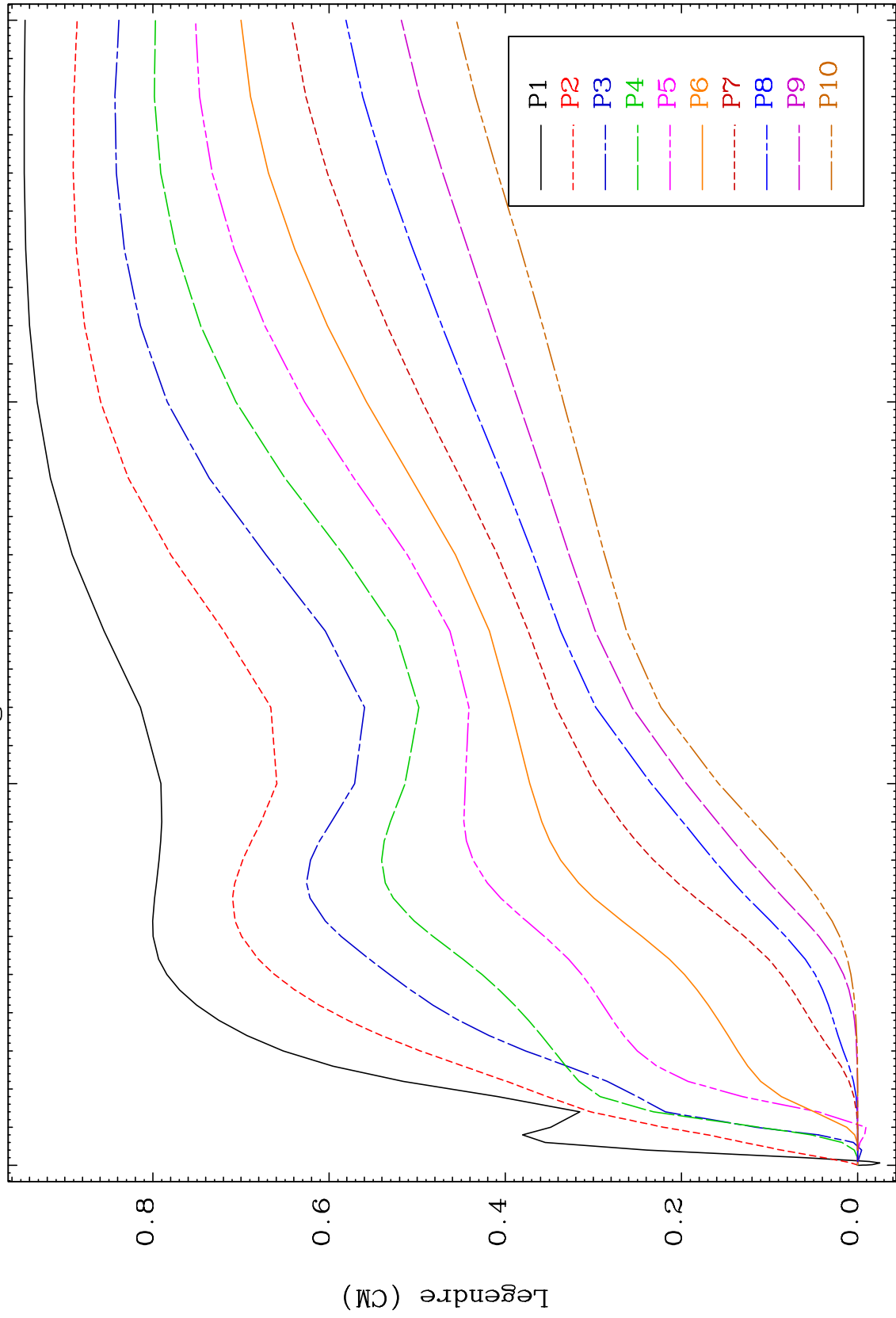




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Elastic Legendre Coefficients

<sup>93</sup>Np-243



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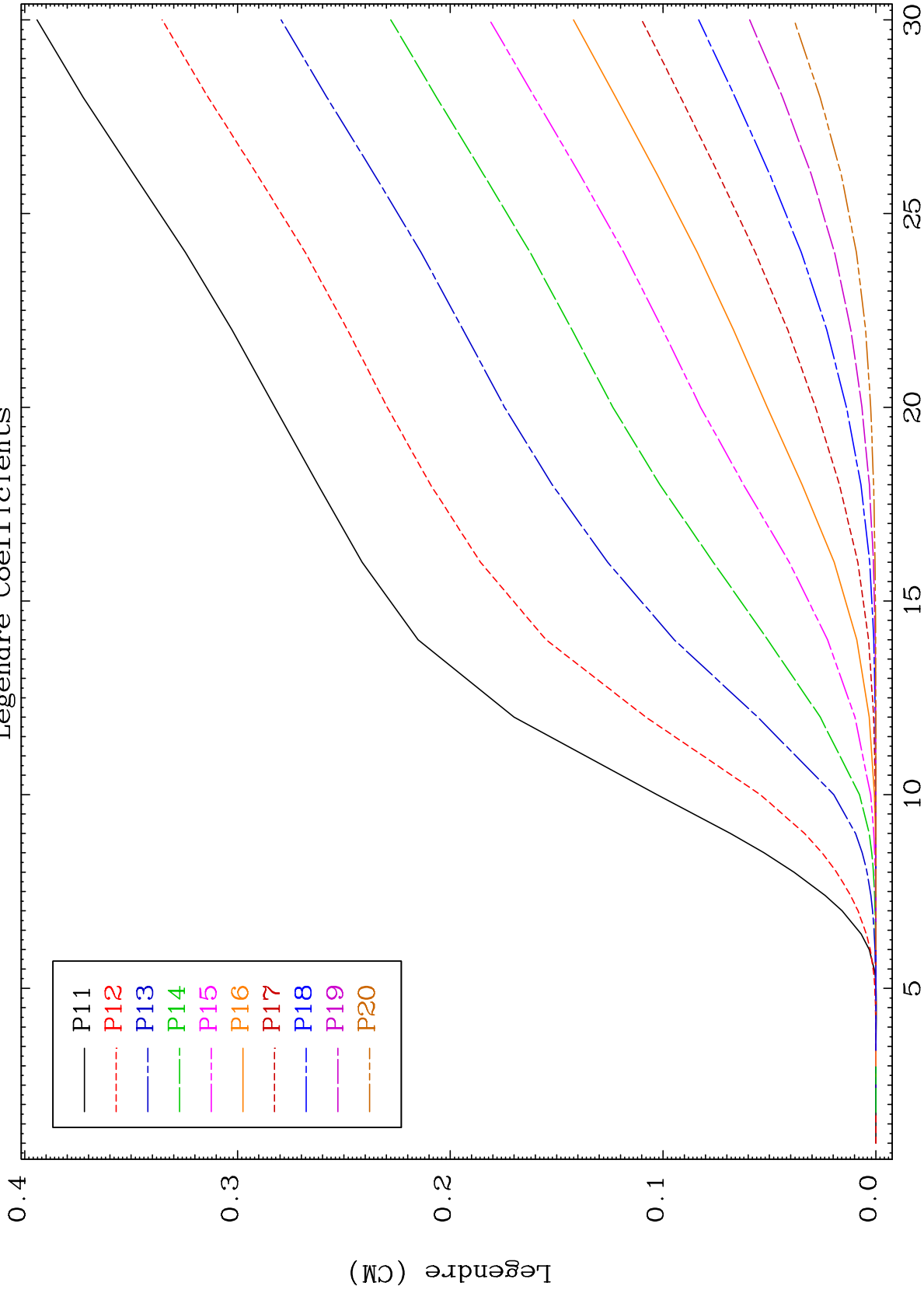
Incident Energy (MeV)

<sup>93</sup>Np-243

MAT 9364

Elastic Legendre Coefficients

<sup>93</sup>Np-243



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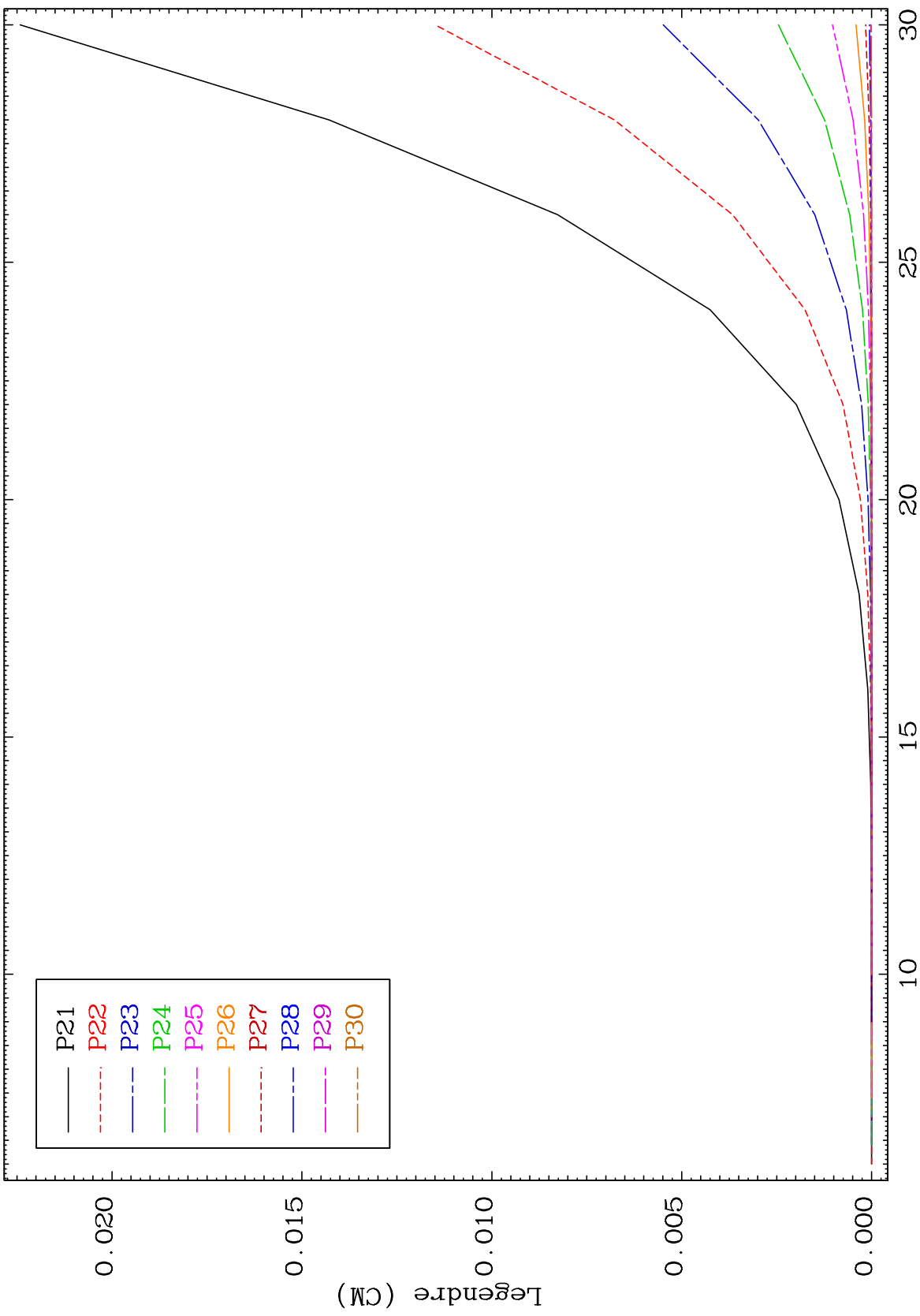
Incident Energy (MeV)

<sup>93</sup>Np-243

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### Elastic Legendre Coefficients

93-Np-243



20

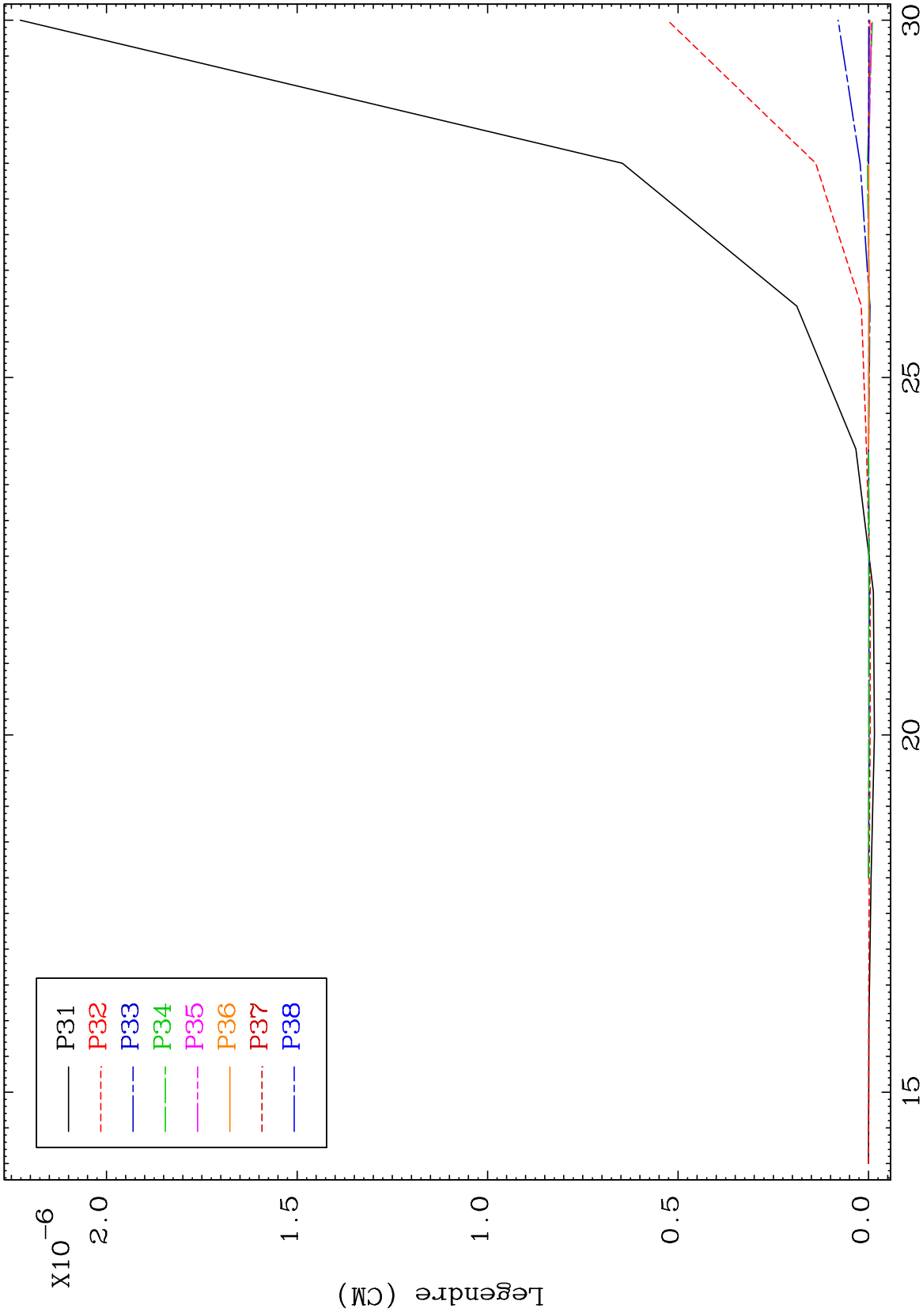
Incident Energy (MeV)

93-Np-243

MAT 9364

Elastic Legendre Coefficients

93-Np-243



21

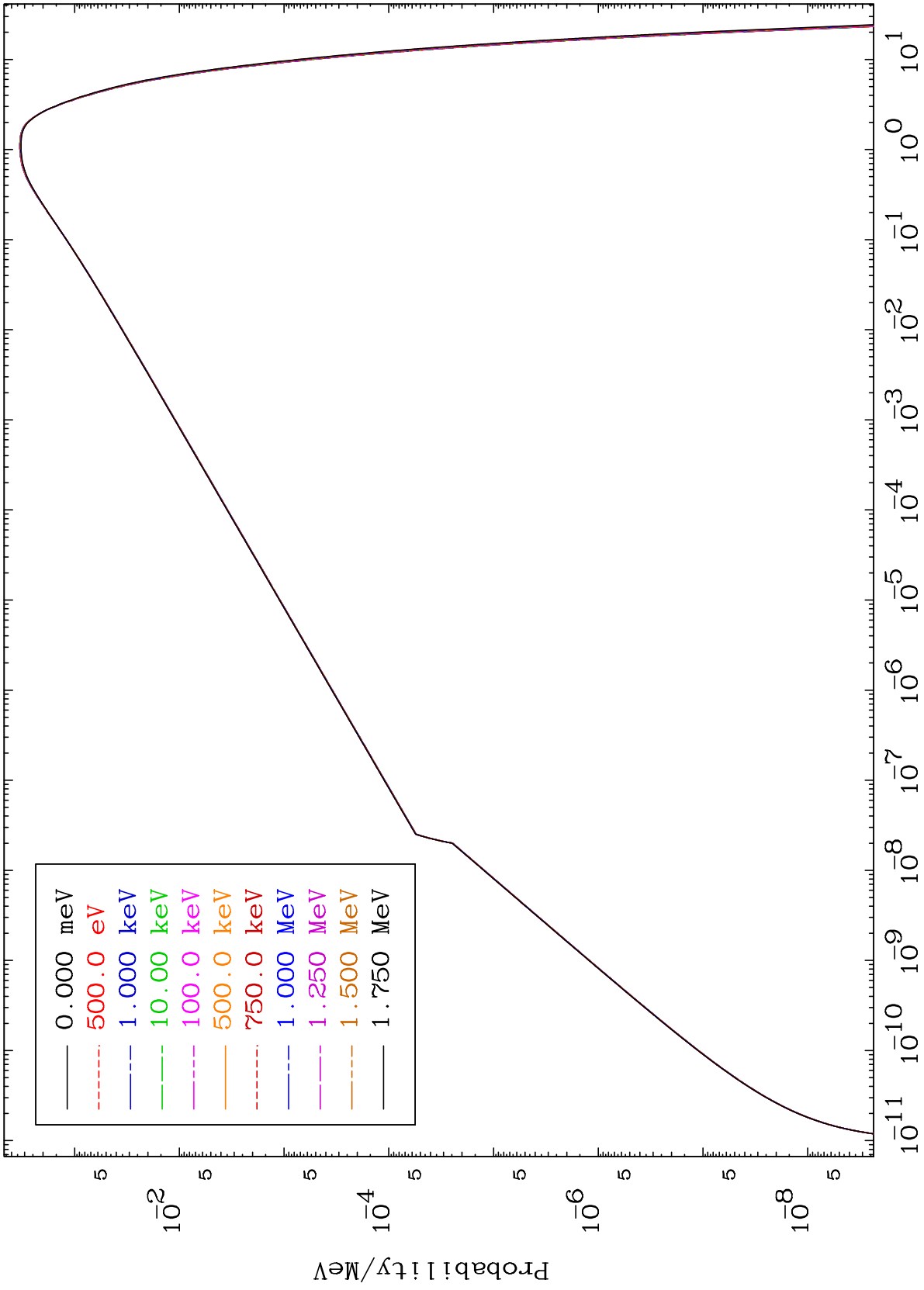
Incident Energy (MeV)

93-Np-243

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### Fission Energy Distribution

93-Np-243



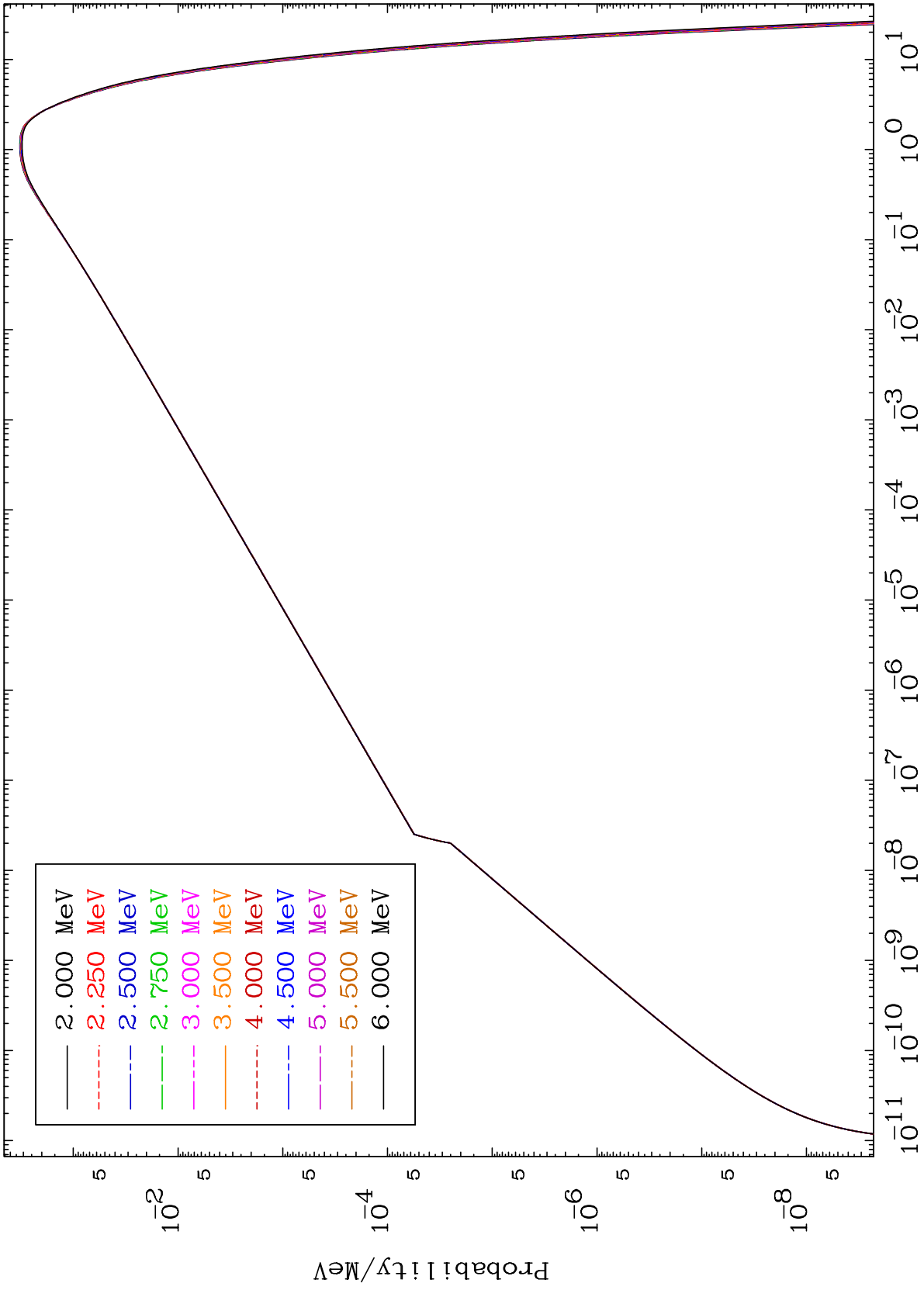
22

93-Np-243

MAT 9364

# Fission Energy Distribution

93-Np-243



23

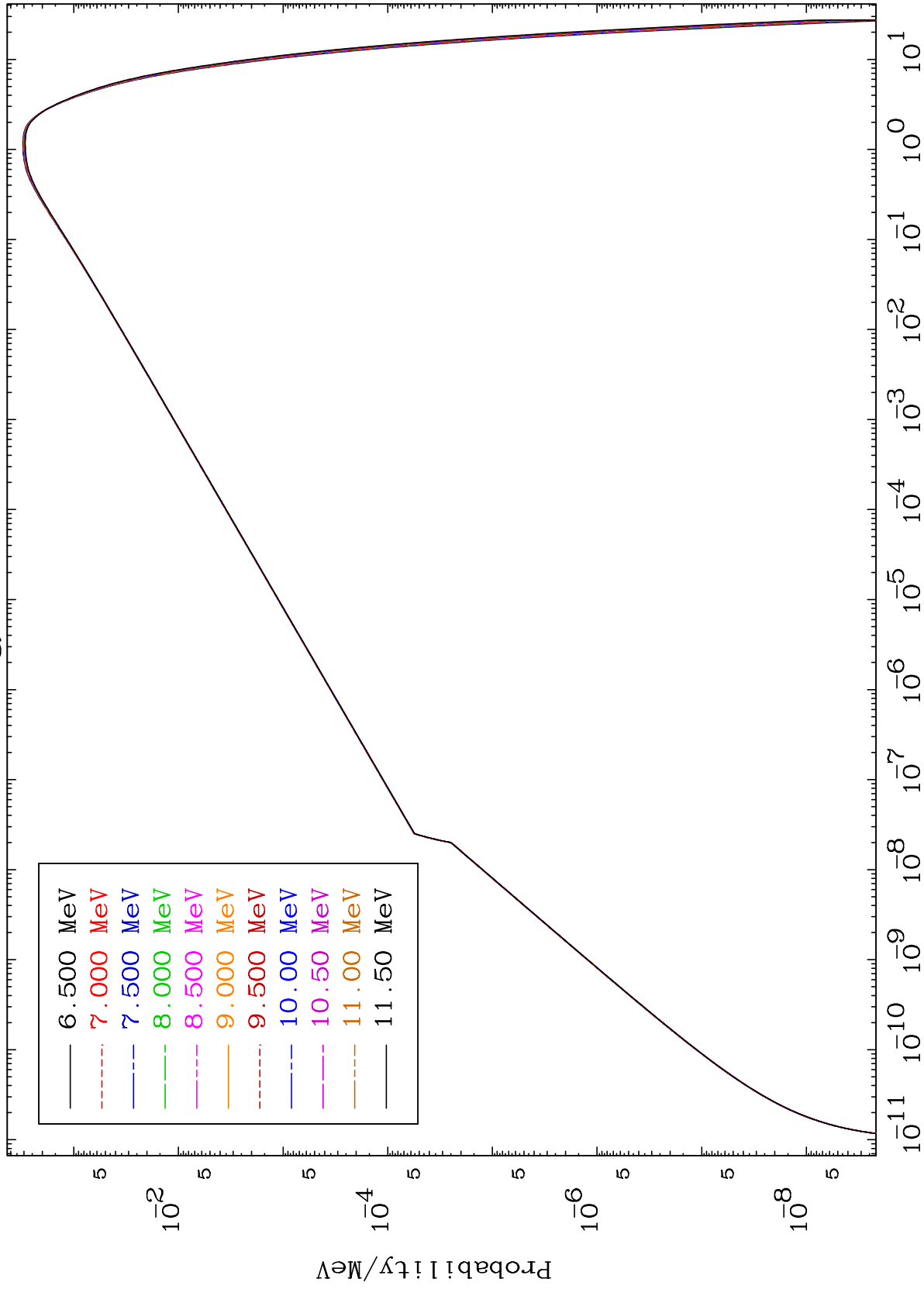
93-Np-243



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### Fission Energy Distribution

93-Np-243



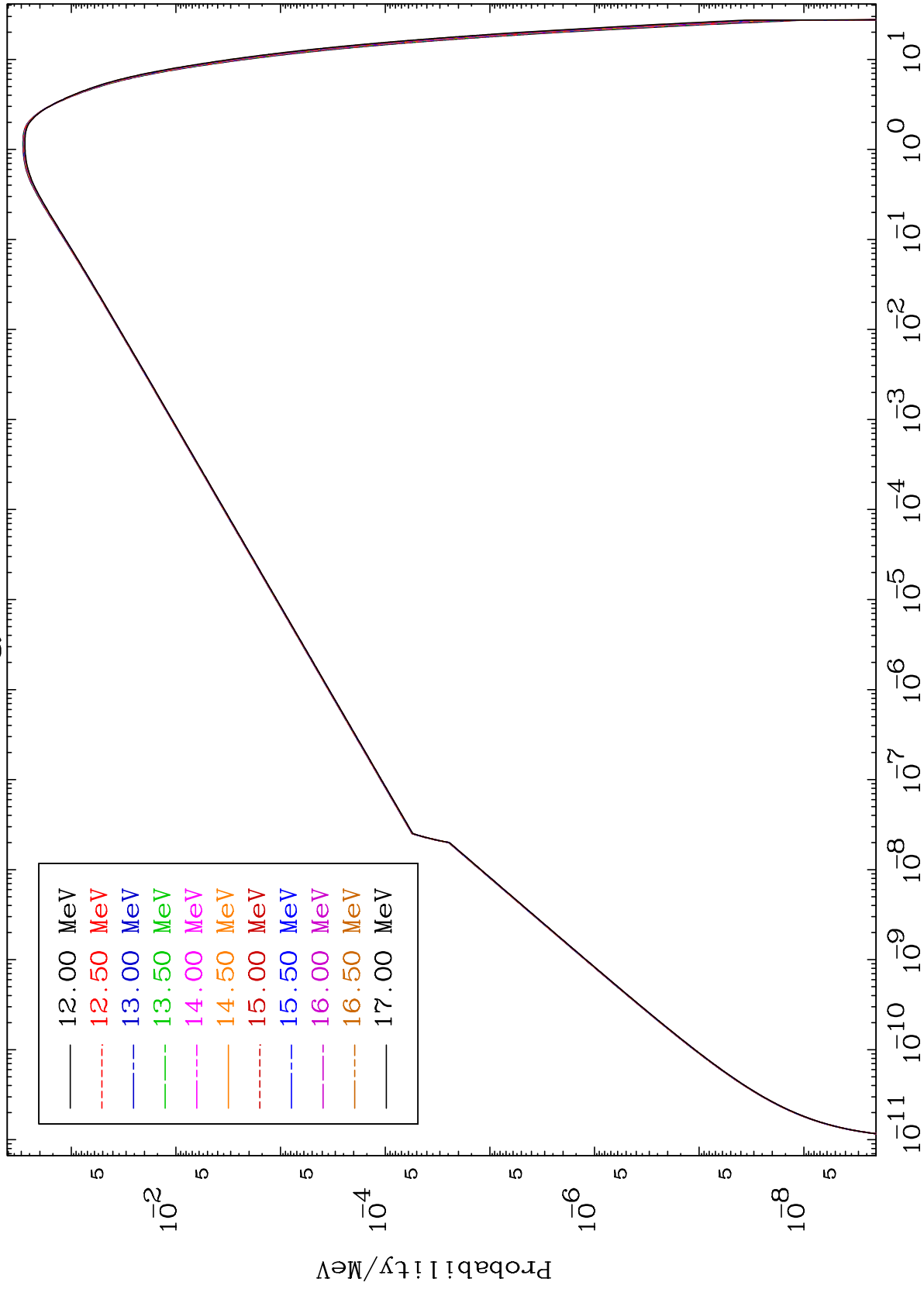
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93-Np-243

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### Fission Energy Distribution

93-Np-243



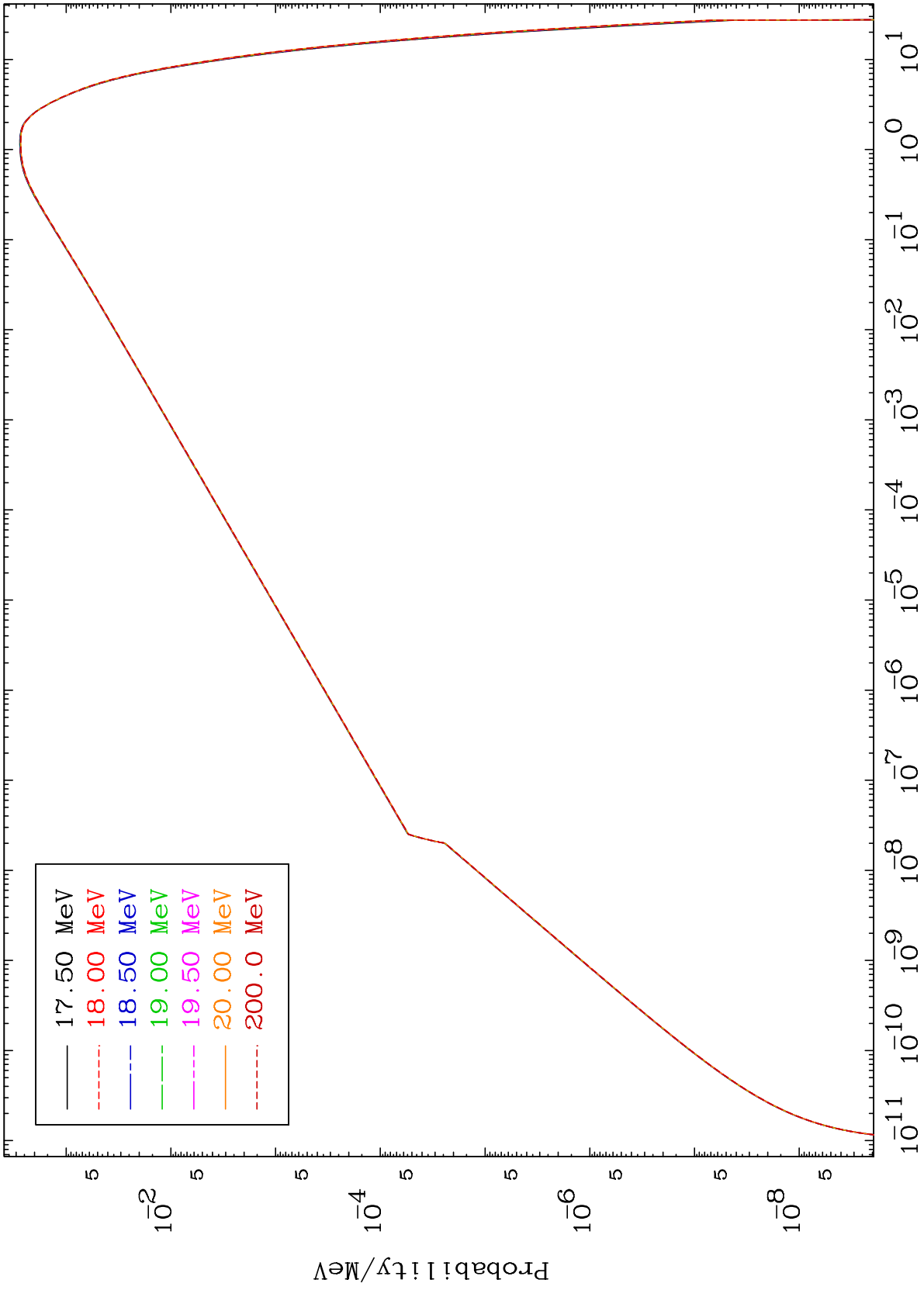
93-Np-243

Secondary Energy (MeV)

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### Fission Energy Distribution

93-Np-243



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

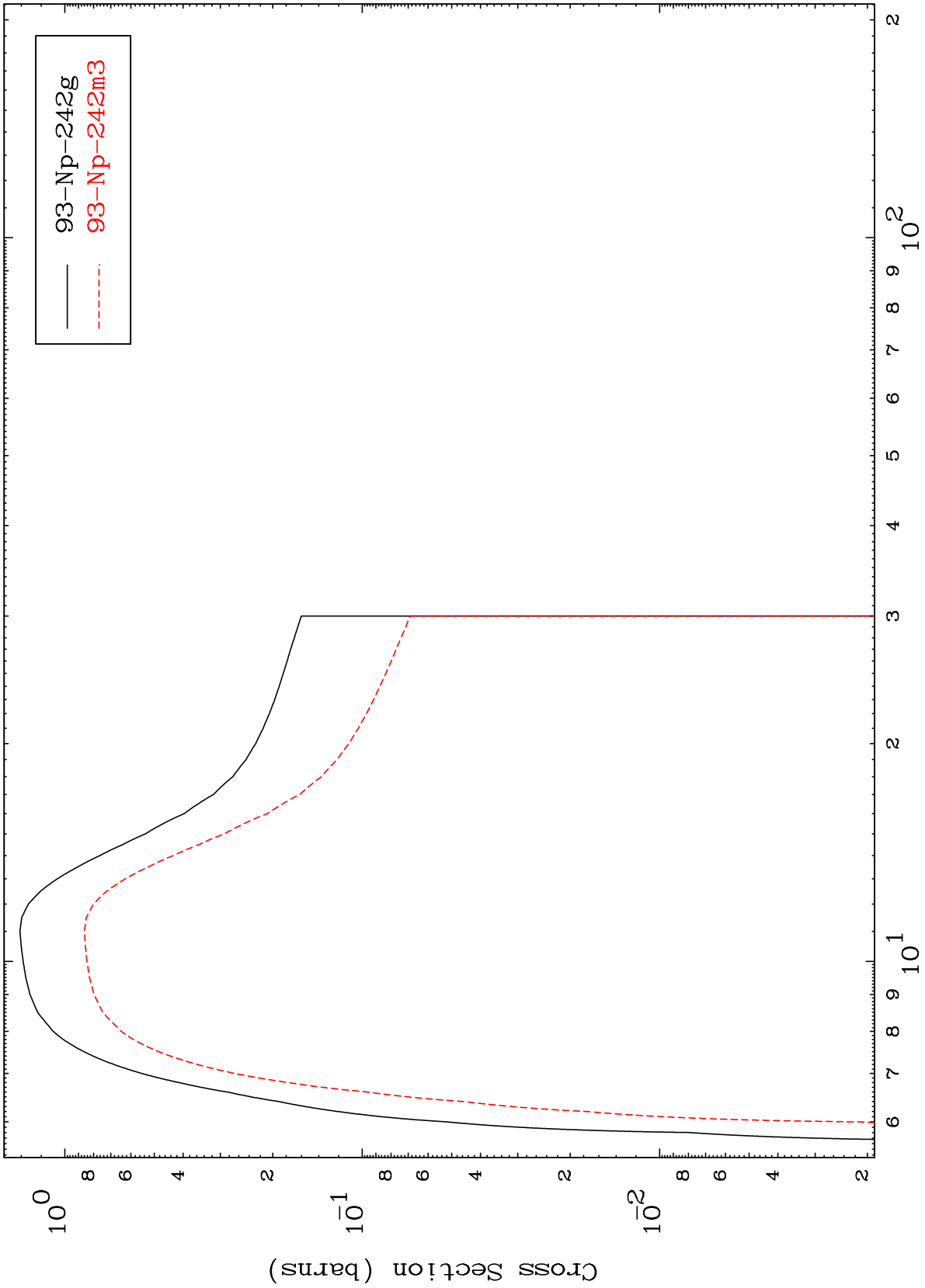
93-Np-243

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(n,2n)

93-Np-243

Radionuclide Production Cross Section



27

Incident Energy (MeV)

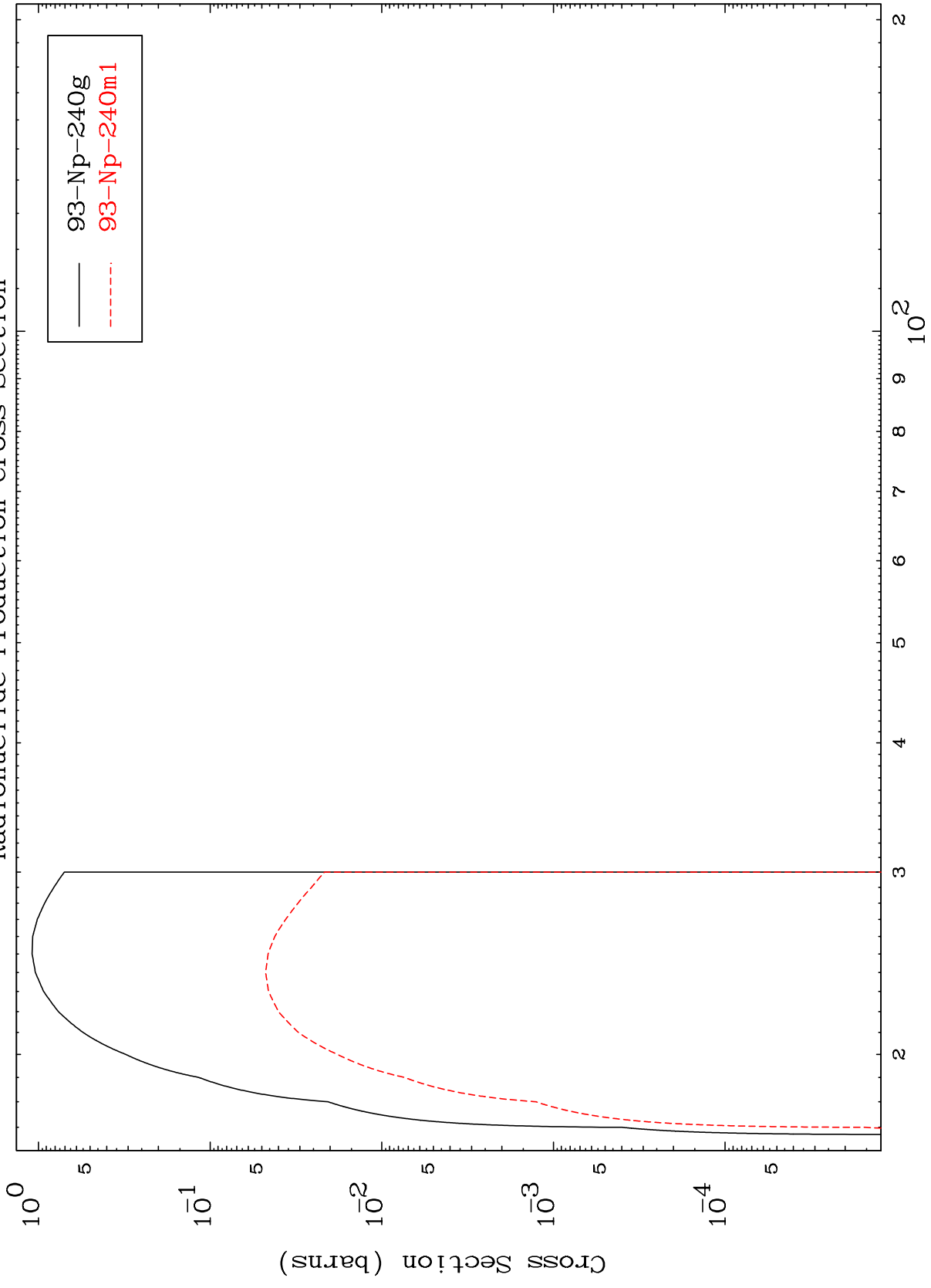
93-Np-243

MAT 9364

(n,4n)

93-Np-243

Radionuclide Production Cross Section



93-Np-240g  
93-Np-240m1

28

Incident Energy (MeV)

93-Np-243