

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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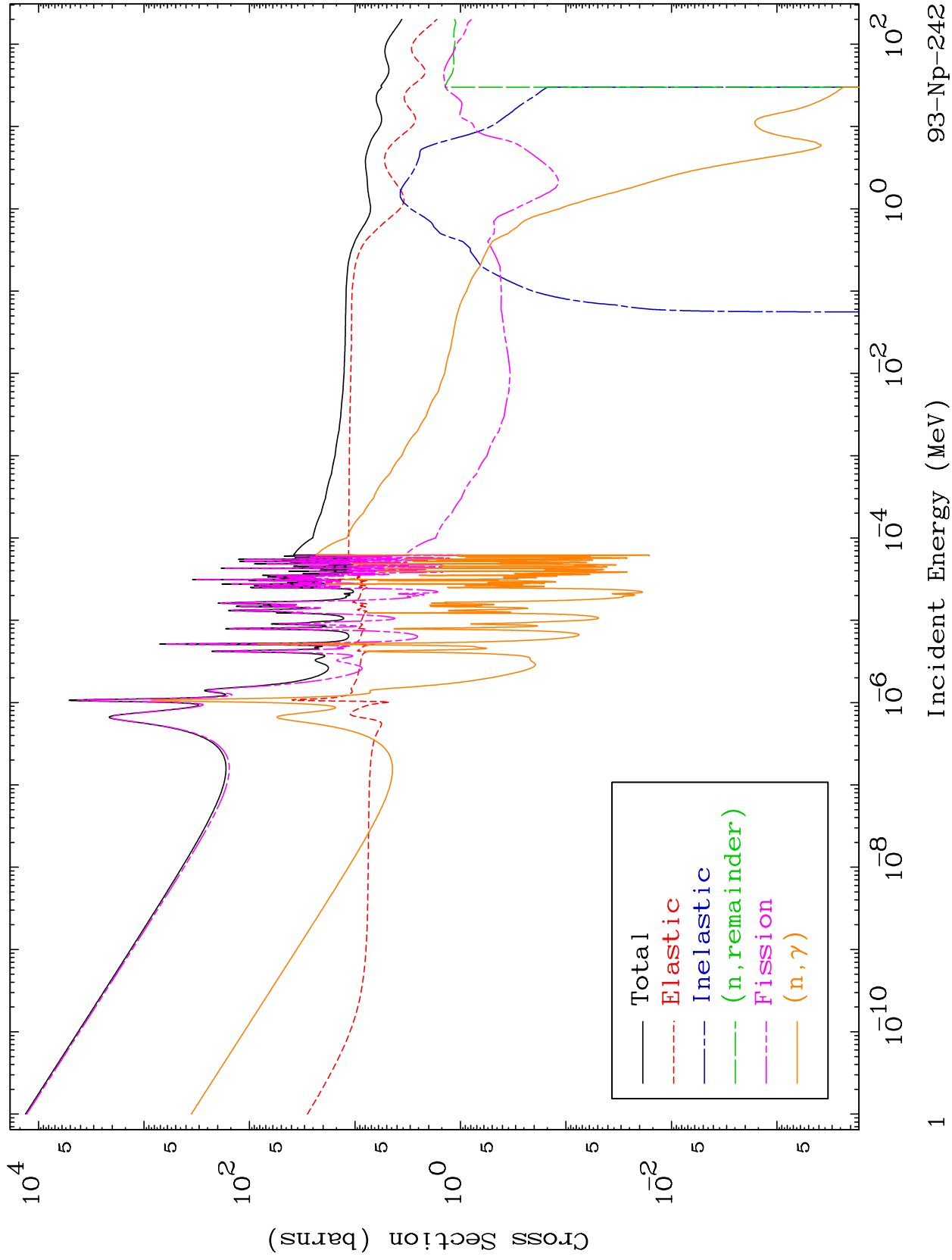
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9361

Major  
293 Kelvin Cross Sections

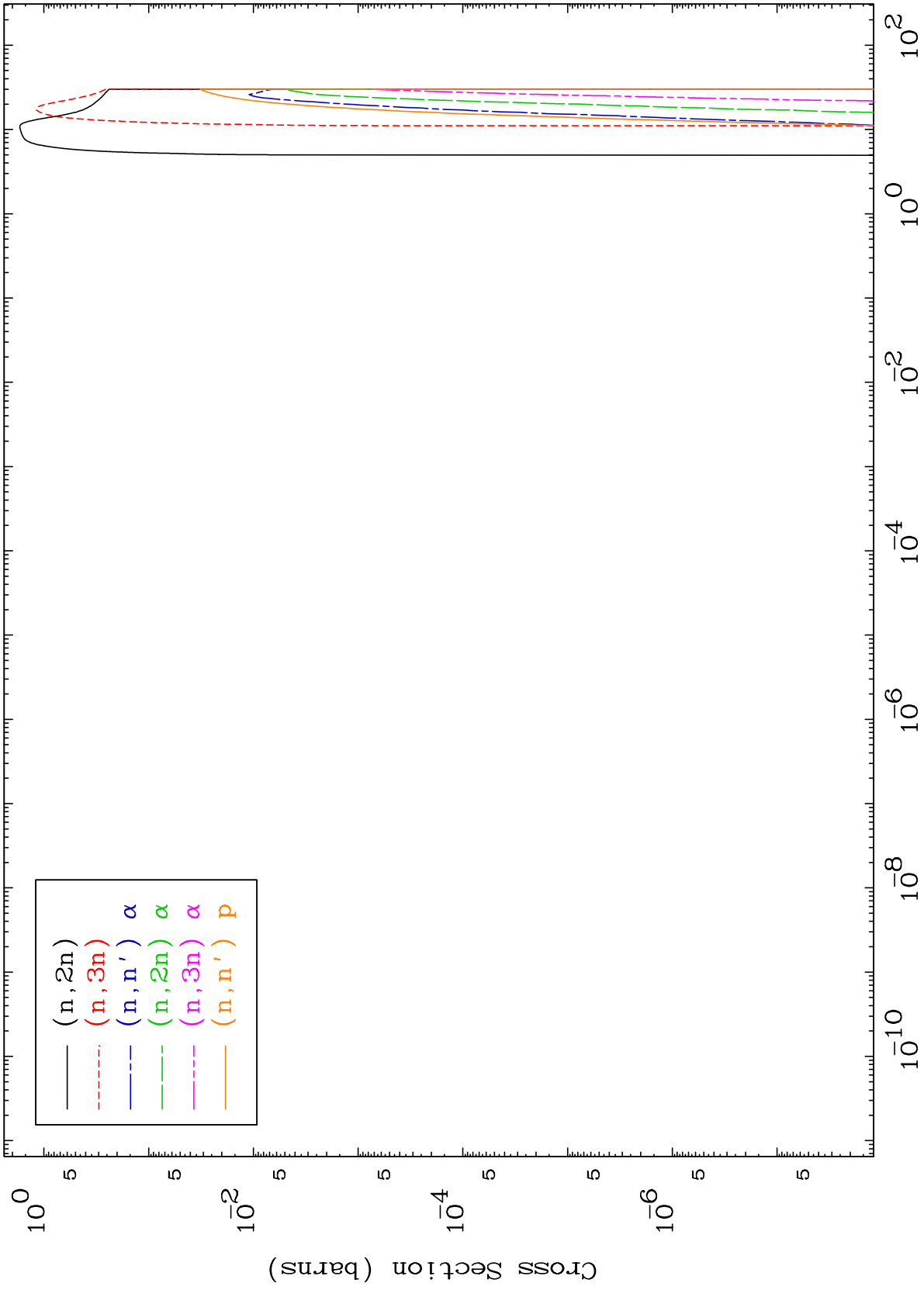
93-Np-242



MAT 9361

Neutron Production  
293 Kelvin Cross Sections

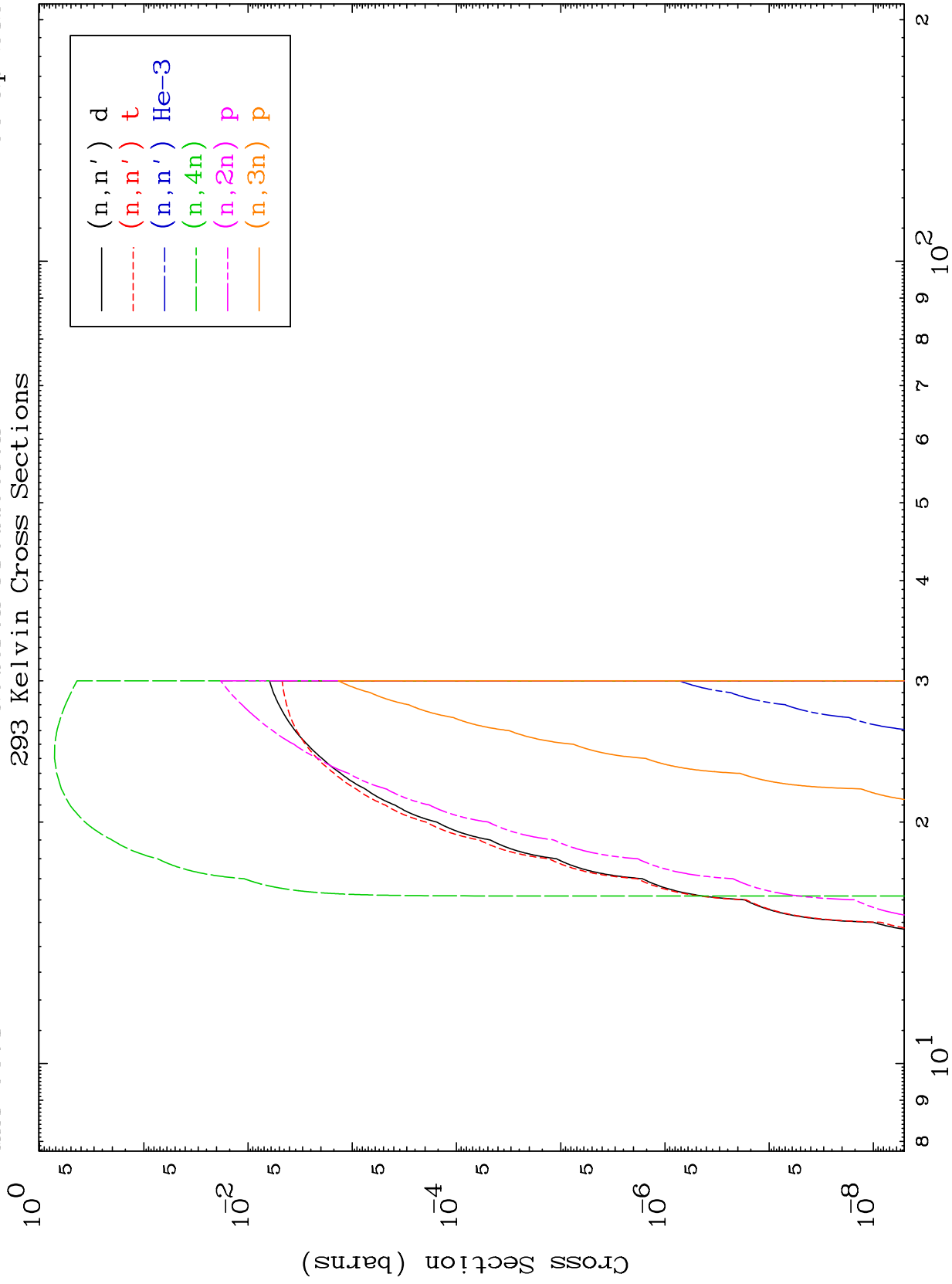
93-Np-242



MAT 9361

Neutron Production  
293 Kelvin Cross Sections

93-Np-242



3

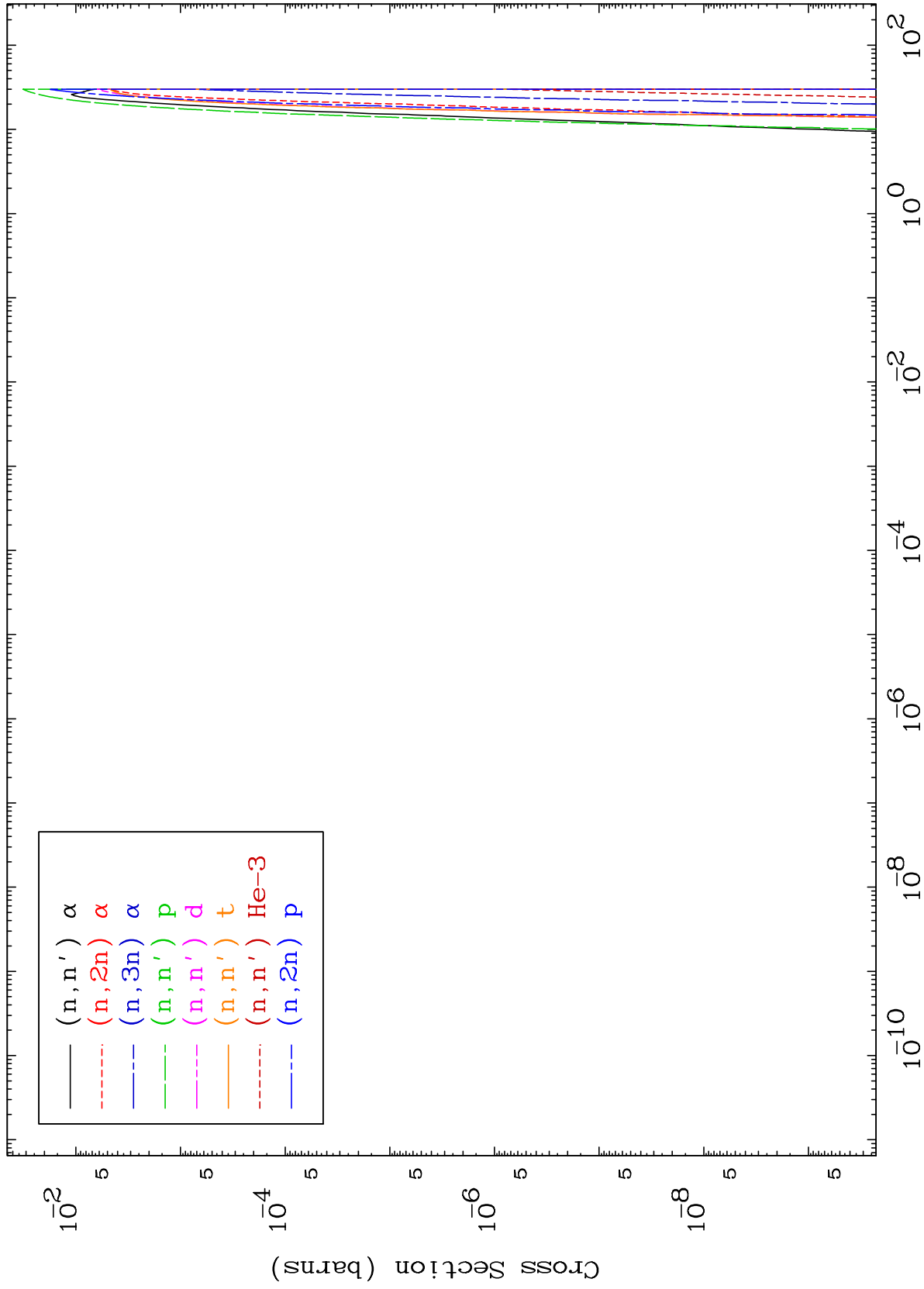
Incident Energy (MeV)

93-Np-242

MAT 9361

Charged Particle  
293 Kelvin Cross Sections

93-Np-242

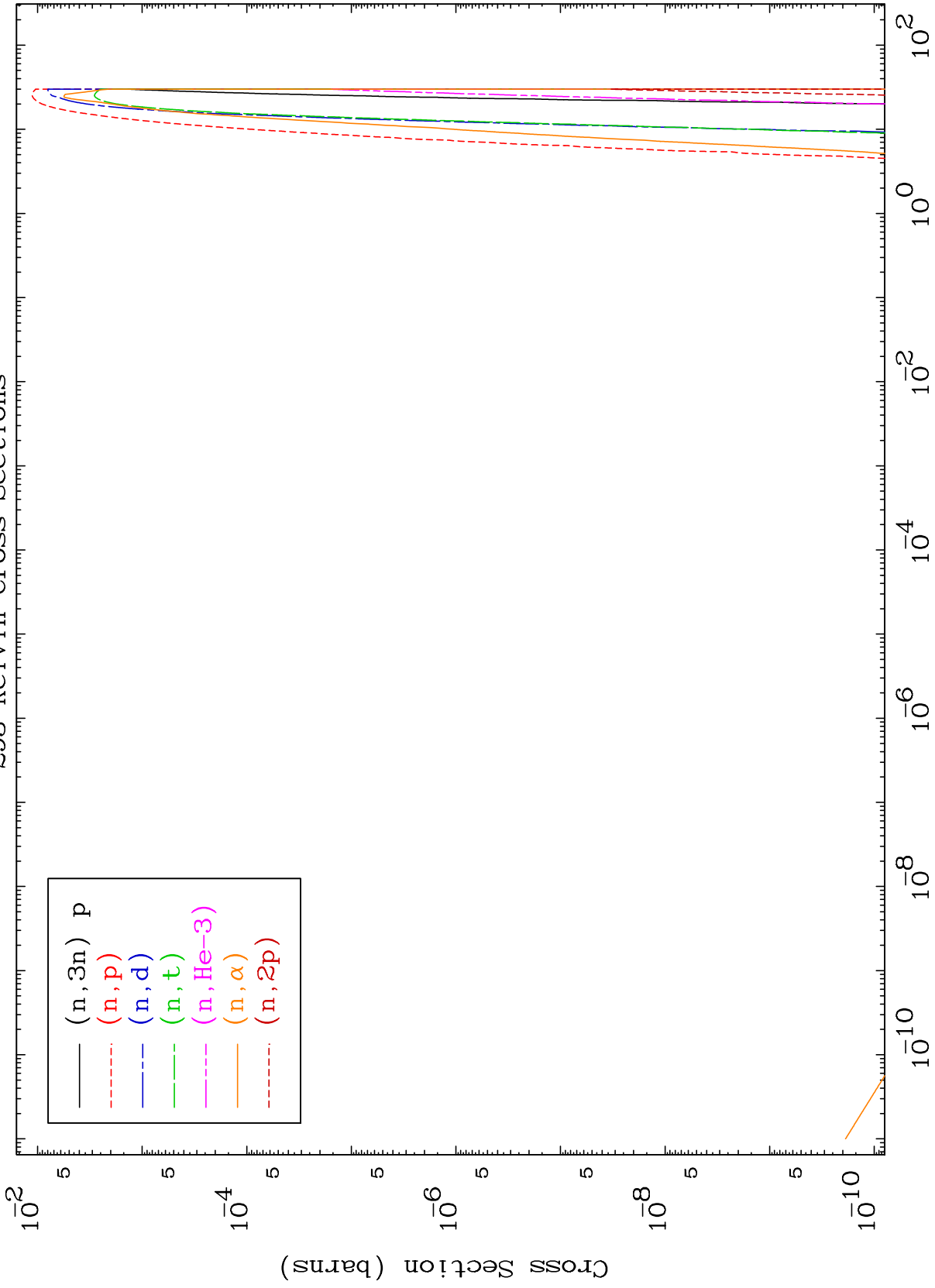


93-Np-242

MAT 9361

Charged Particle  
293 Kelvin Cross Sections

93-Np-242



5

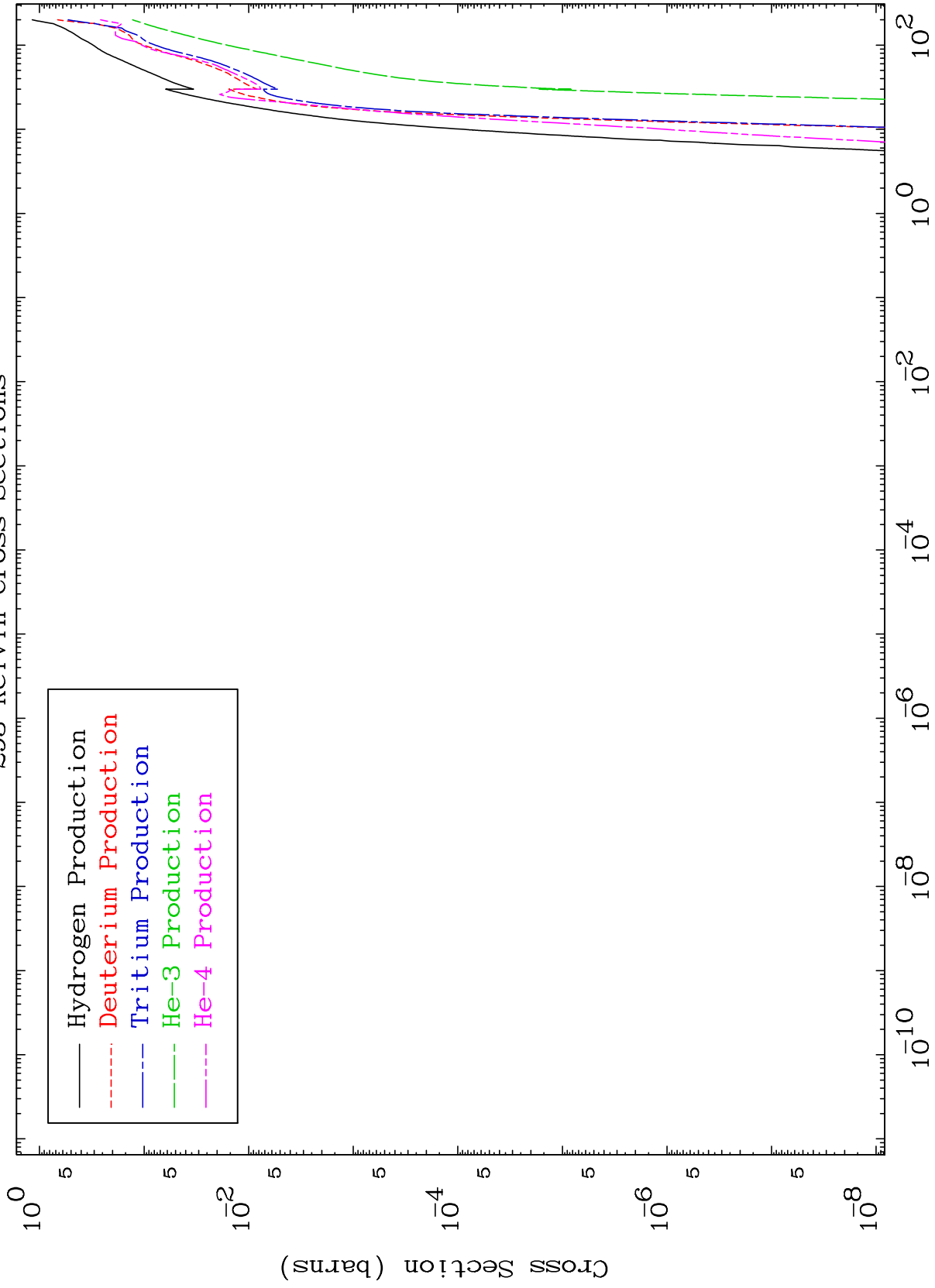
Incident Energy (MeV)

93-Np-242

MAT 9361

Particle Production  
293 Kelvin Cross Sections

93-Np-242



6

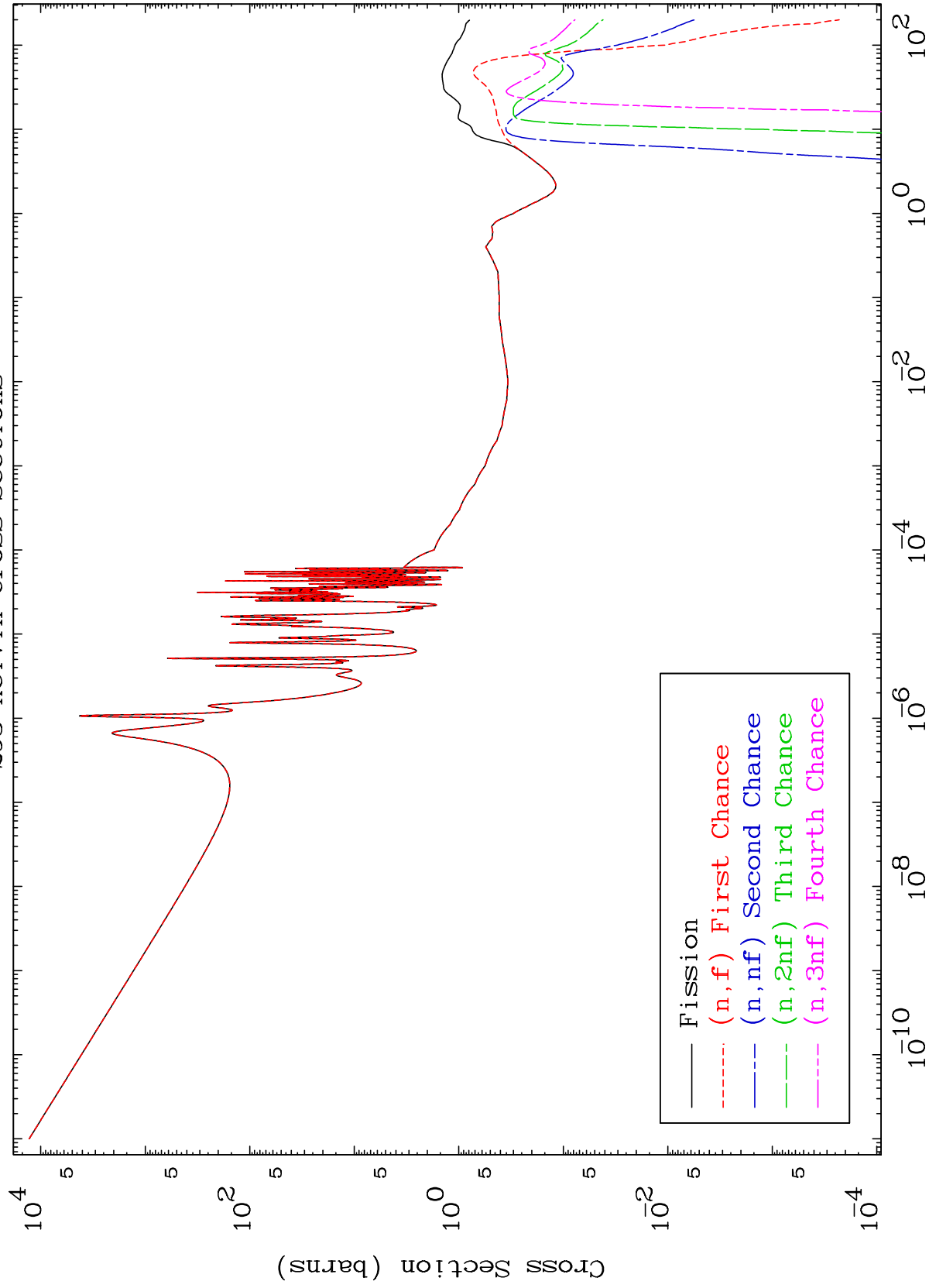
Incident Energy (MeV)

93-Np-242

MAT 9361

Fission  
293 Kelvin Cross Sections

93-Np-242

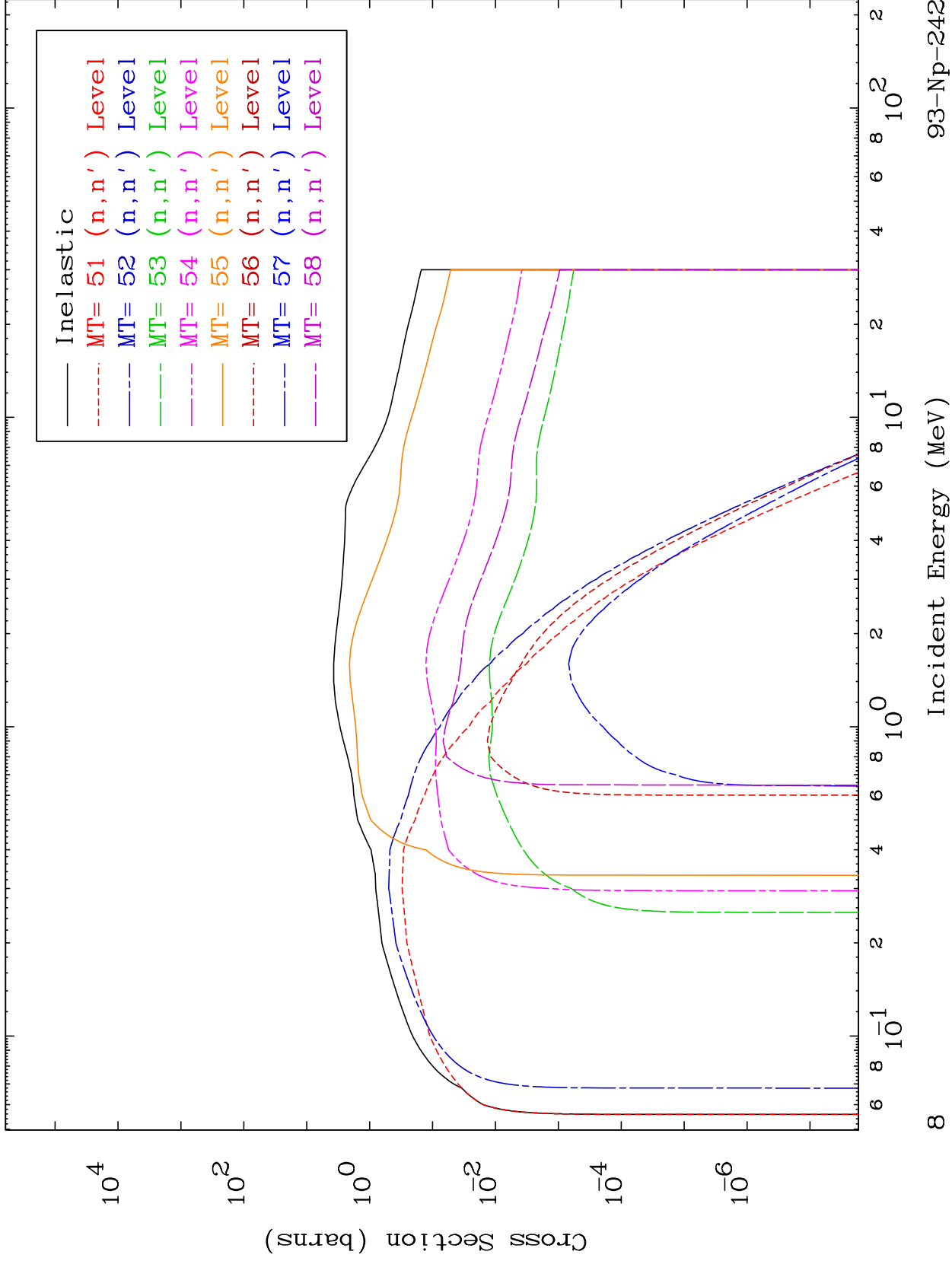




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(n,n') Level  
293 Kelvin Cross Sections

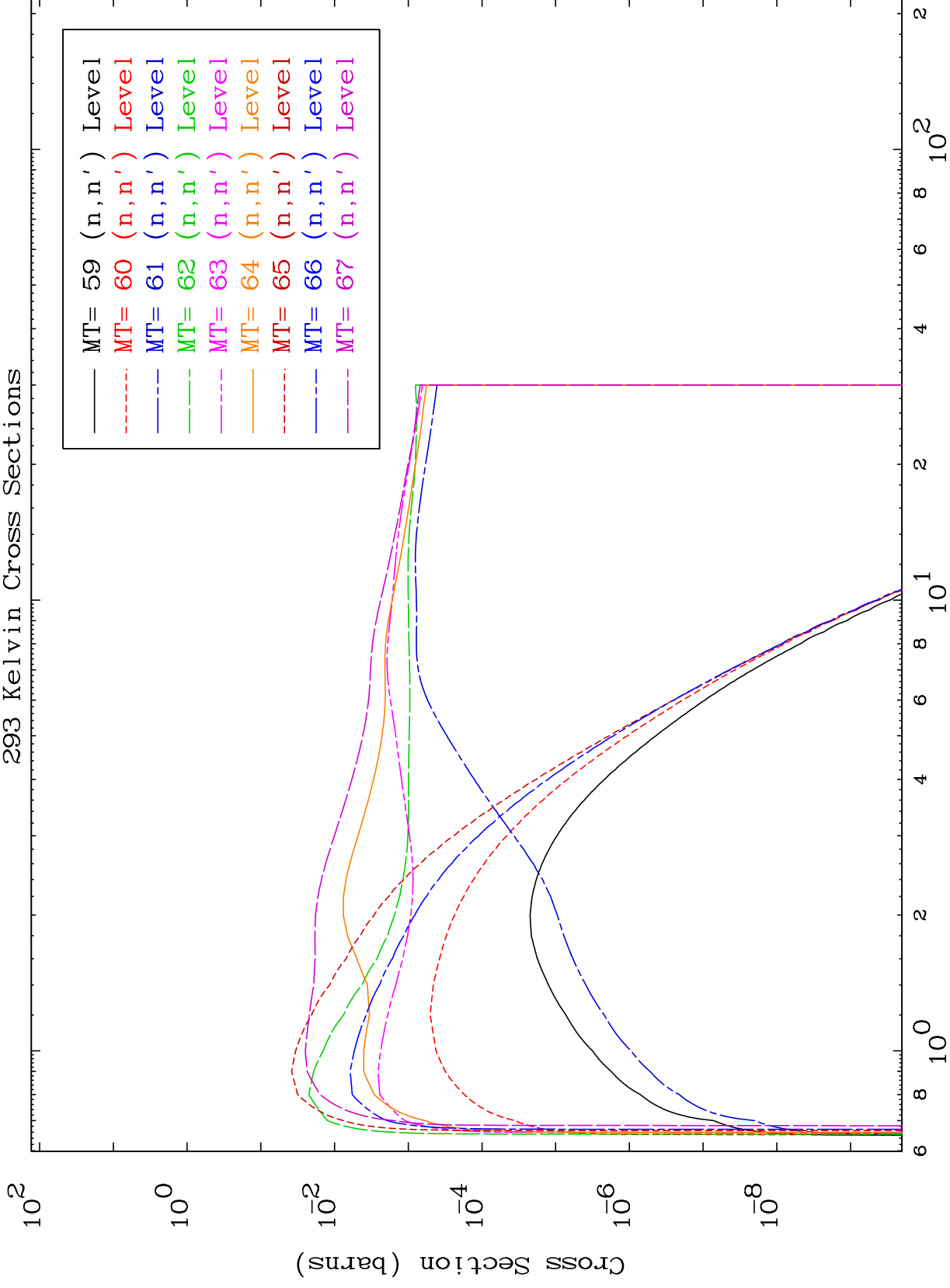
93-Np-242



MAT 9361

(n,n') Level  
293 Kelvin Cross Sections

93-Np-242



9

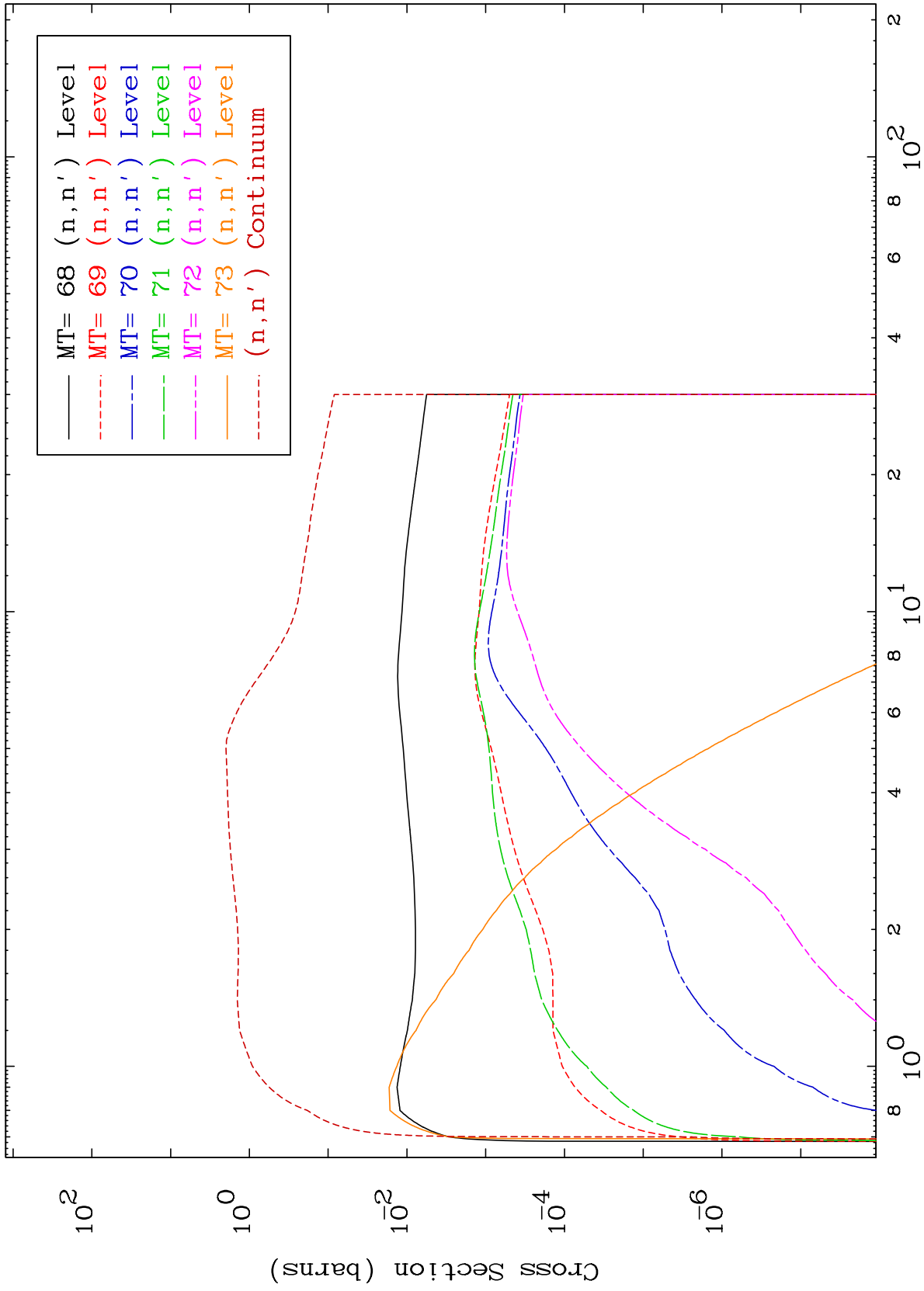
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,n') Level  
293 Kelvin Cross Sections

93-Np-242



10

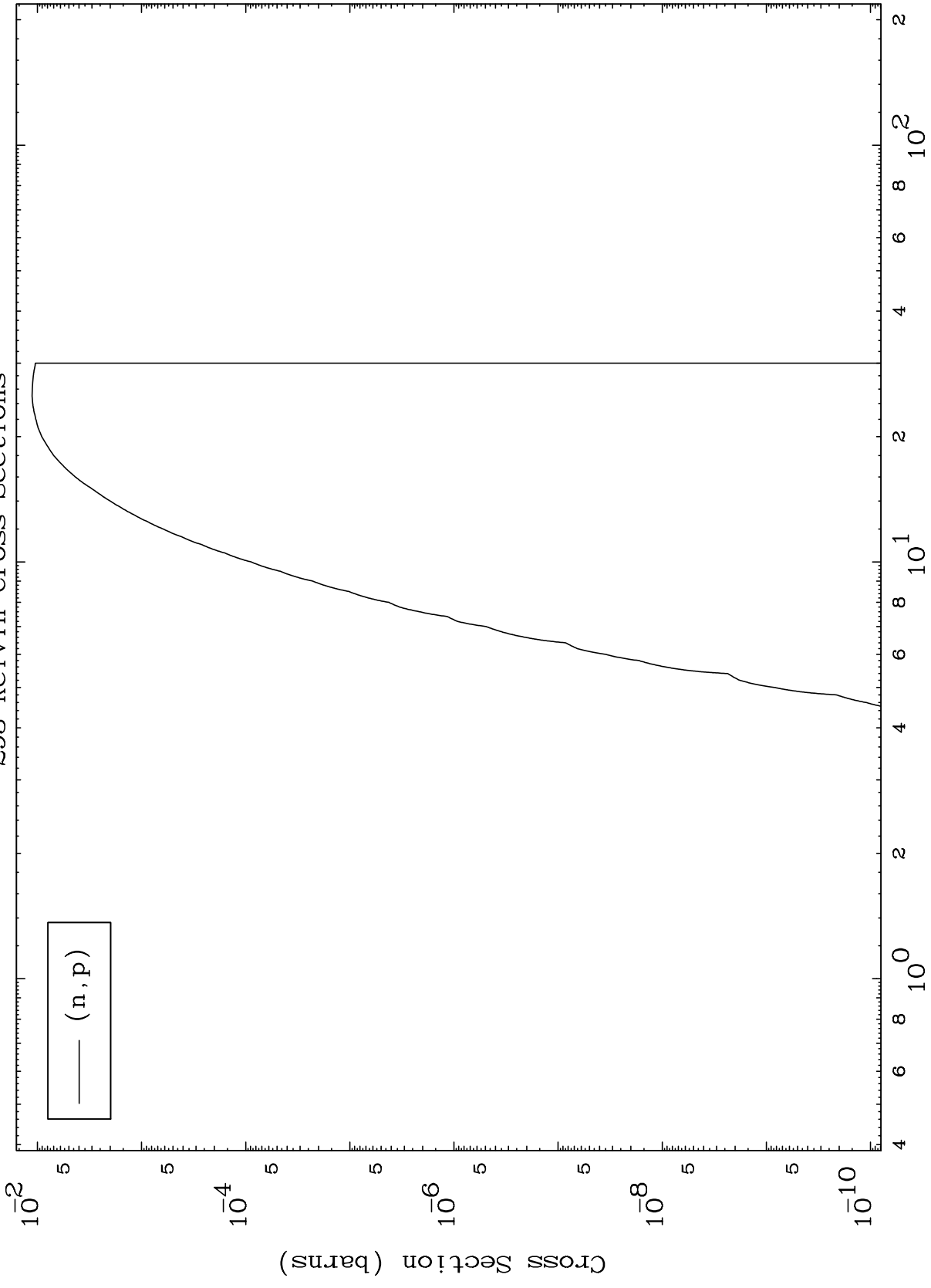
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,p) Levels  
293 Kelvin Cross Sections

93-Np-242



11

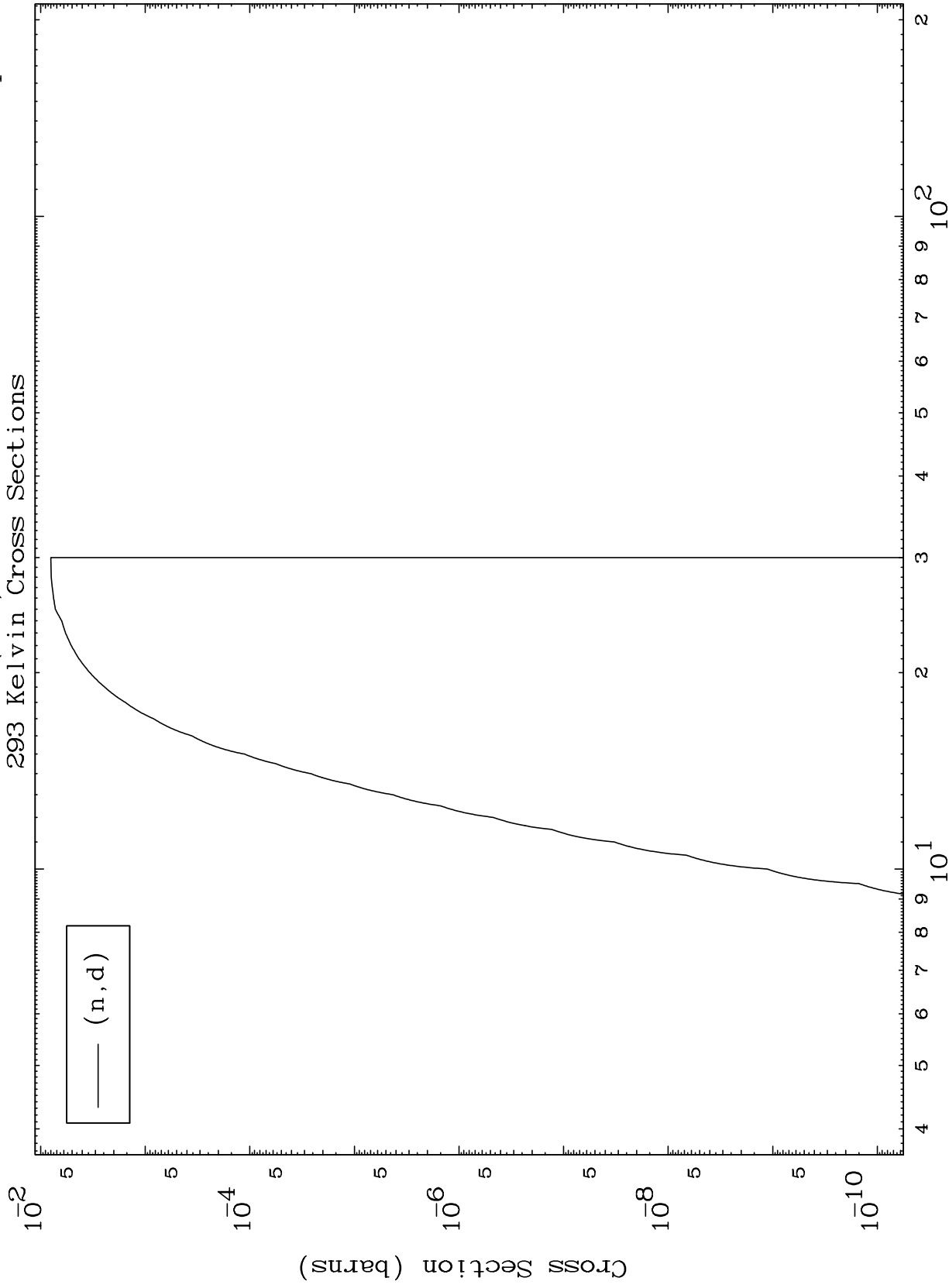
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,d) Levels  
293 Kelvin Cross Sections

93-Np-242



12

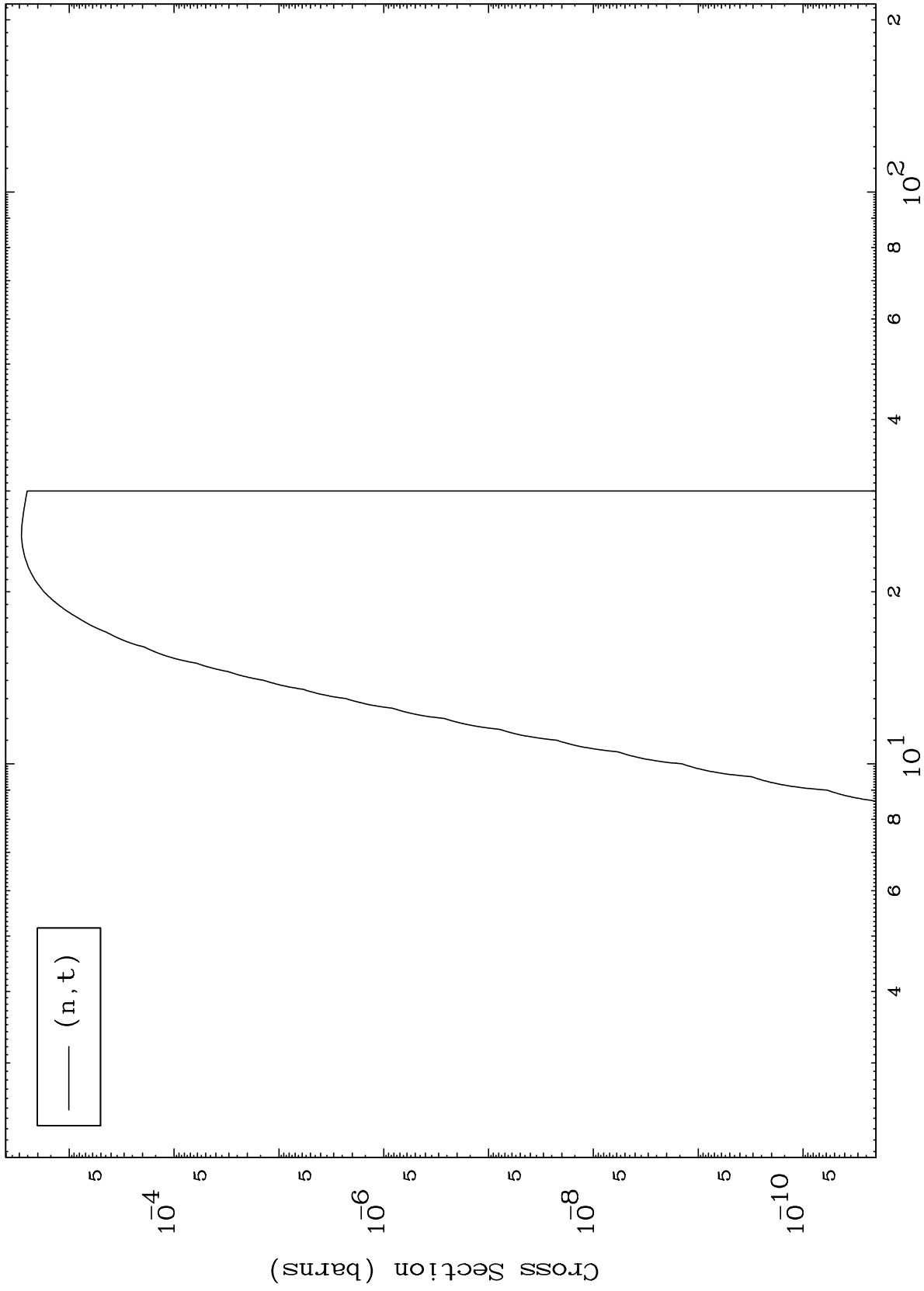
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,t) Levels  
293 Kelvin Cross Sections

93-Np-242



13

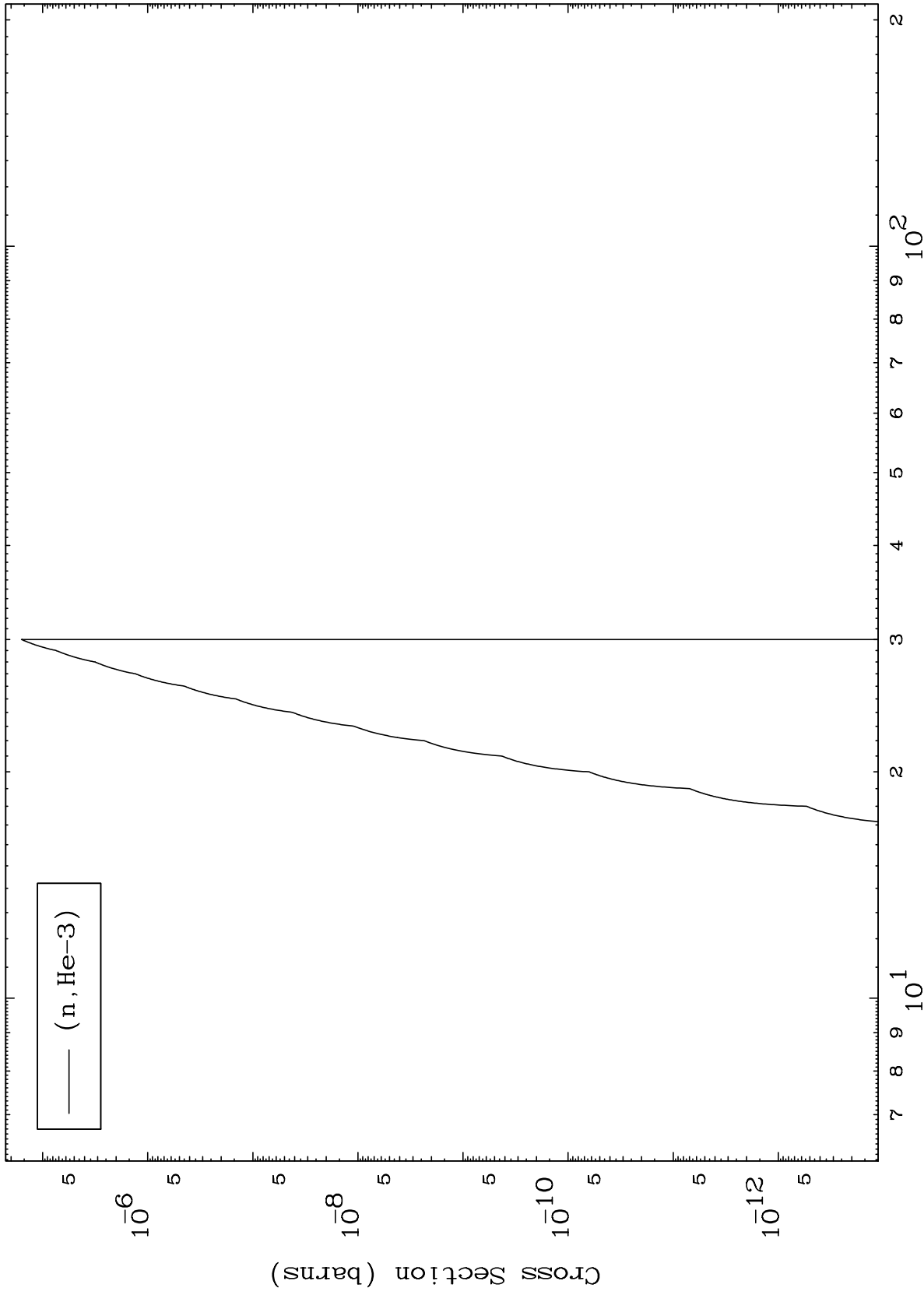
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-242



14

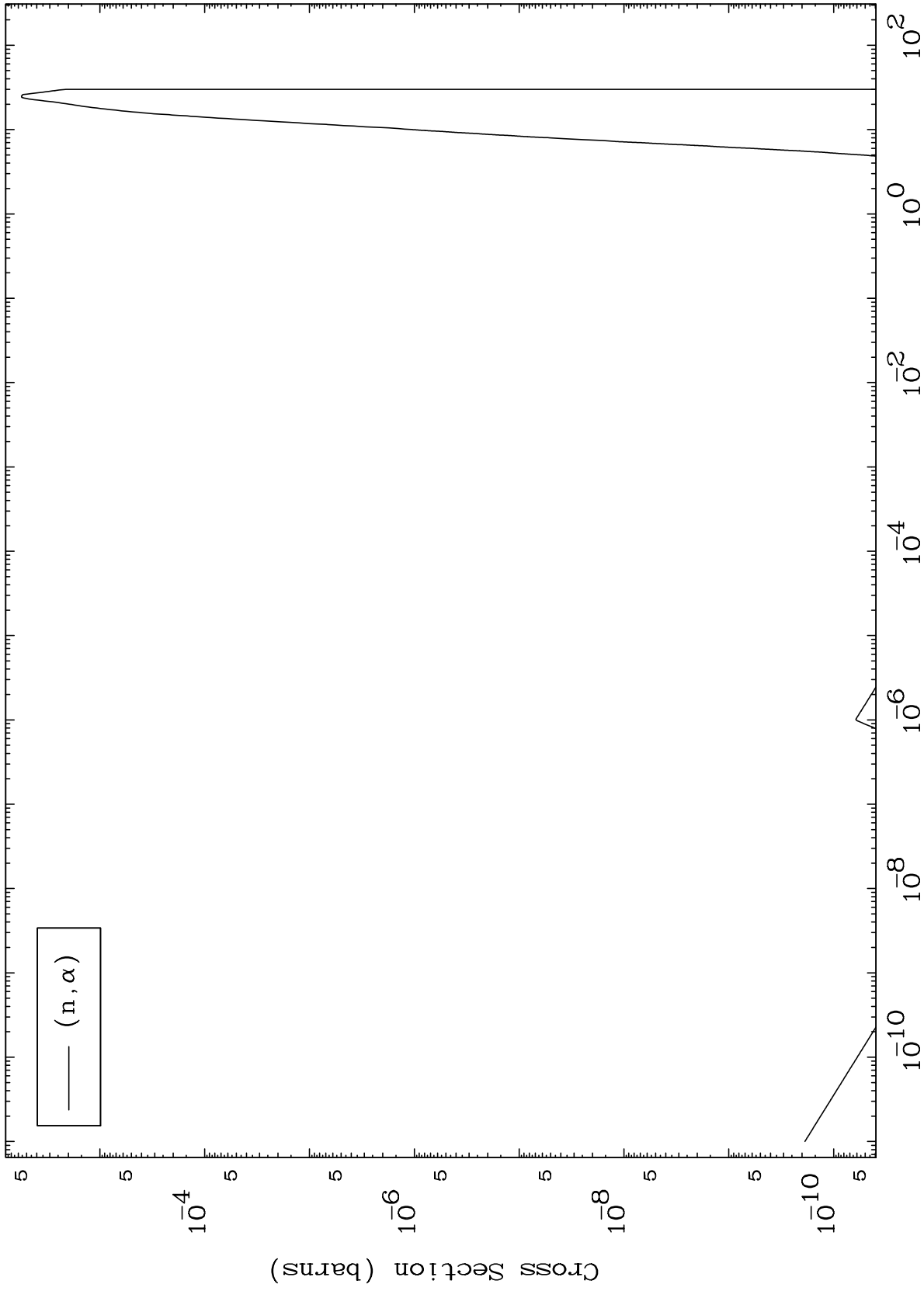
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,α) Levels  
293 Kelvin Cross Sections

93-Np-242

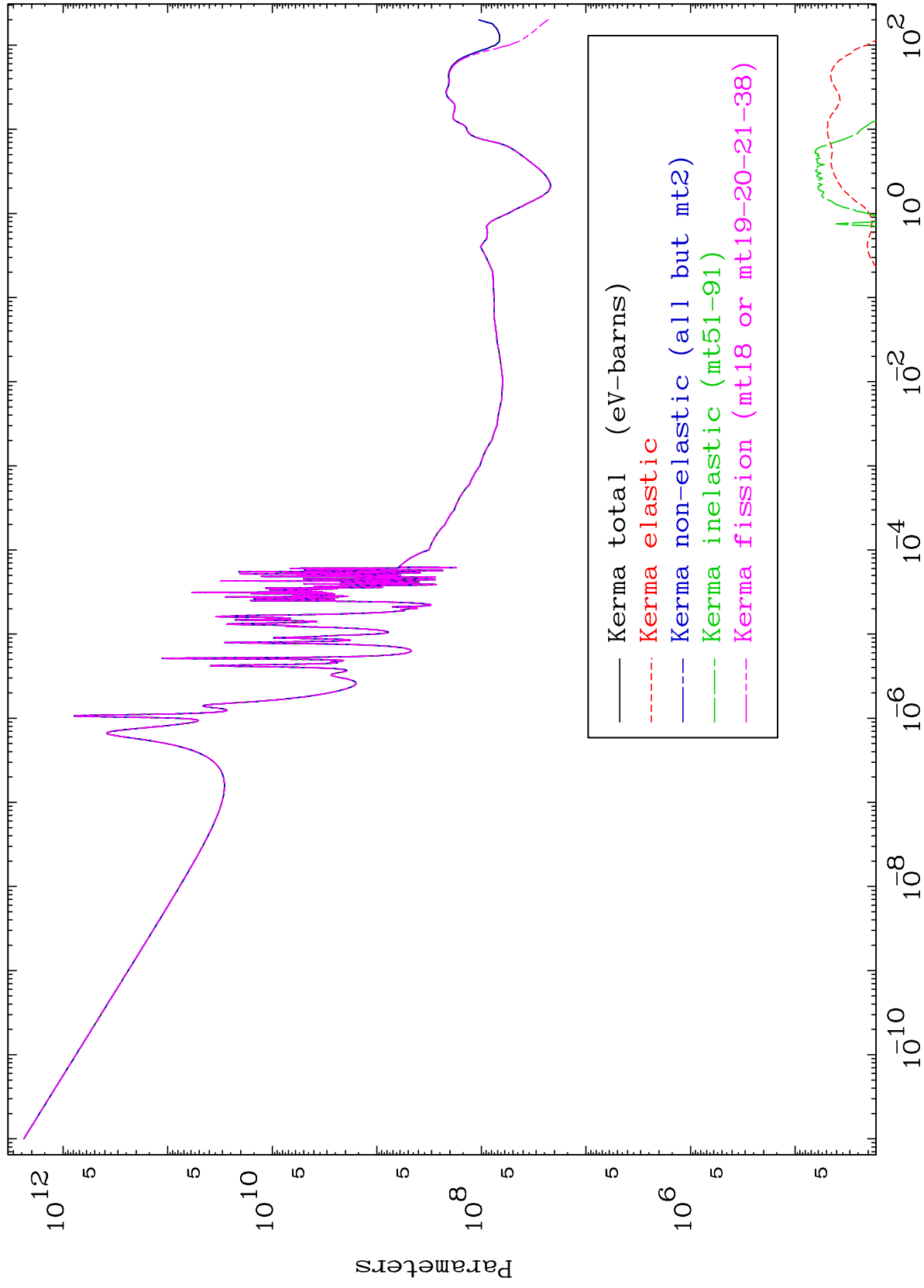


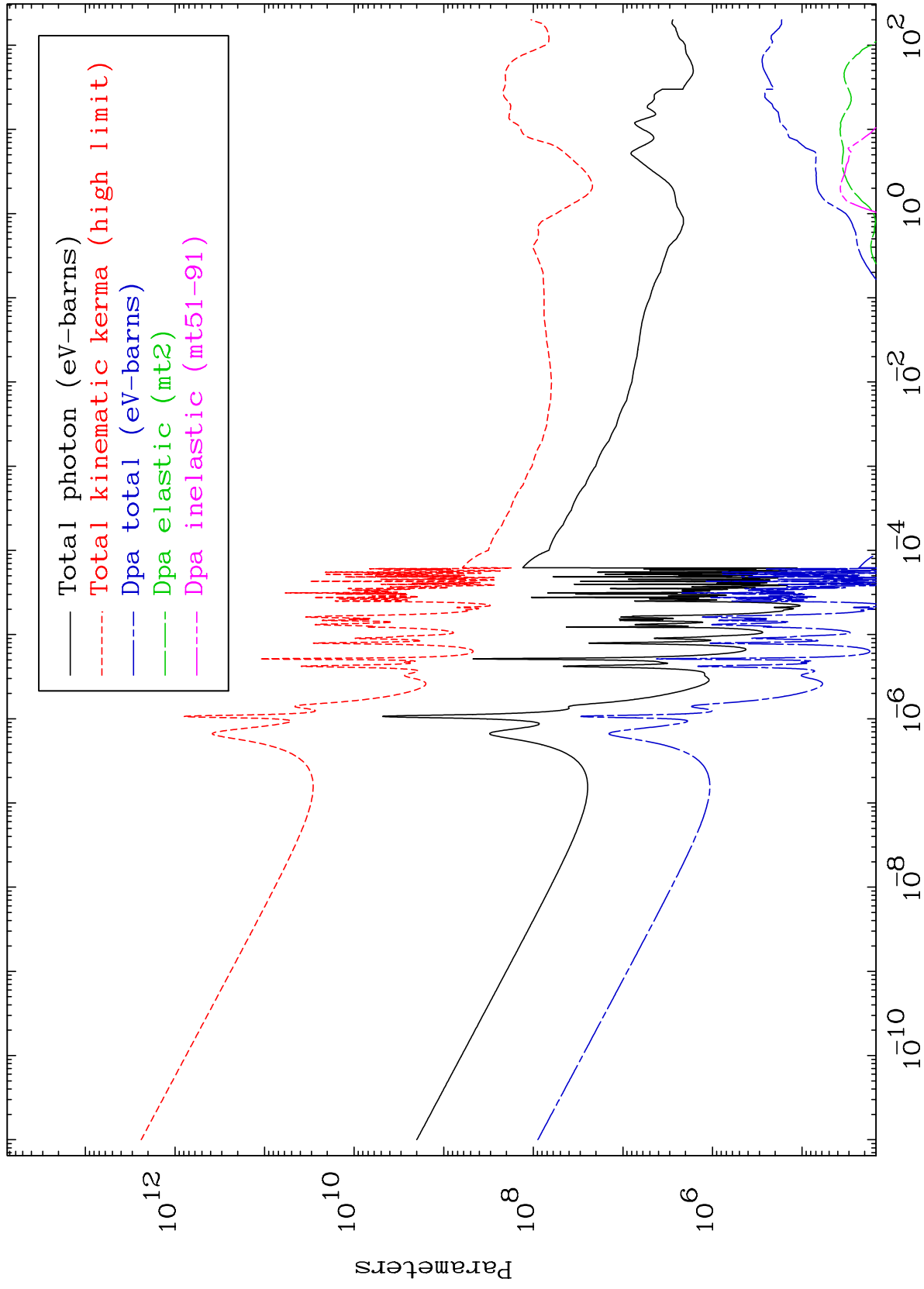
15

Incident Energy (MeV)

93-Np-242



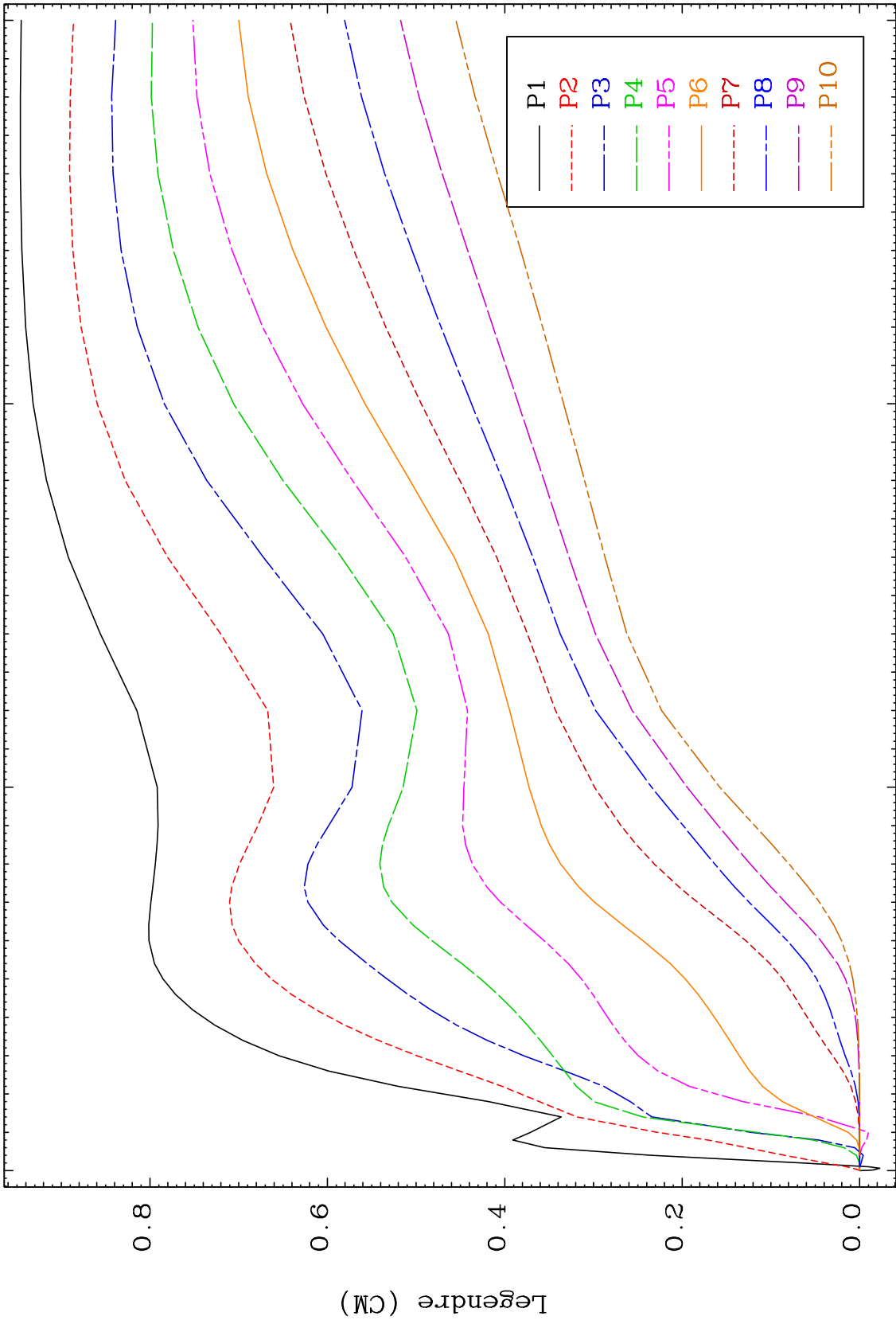




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93-Np-242

Elastic Legendre Coefficients



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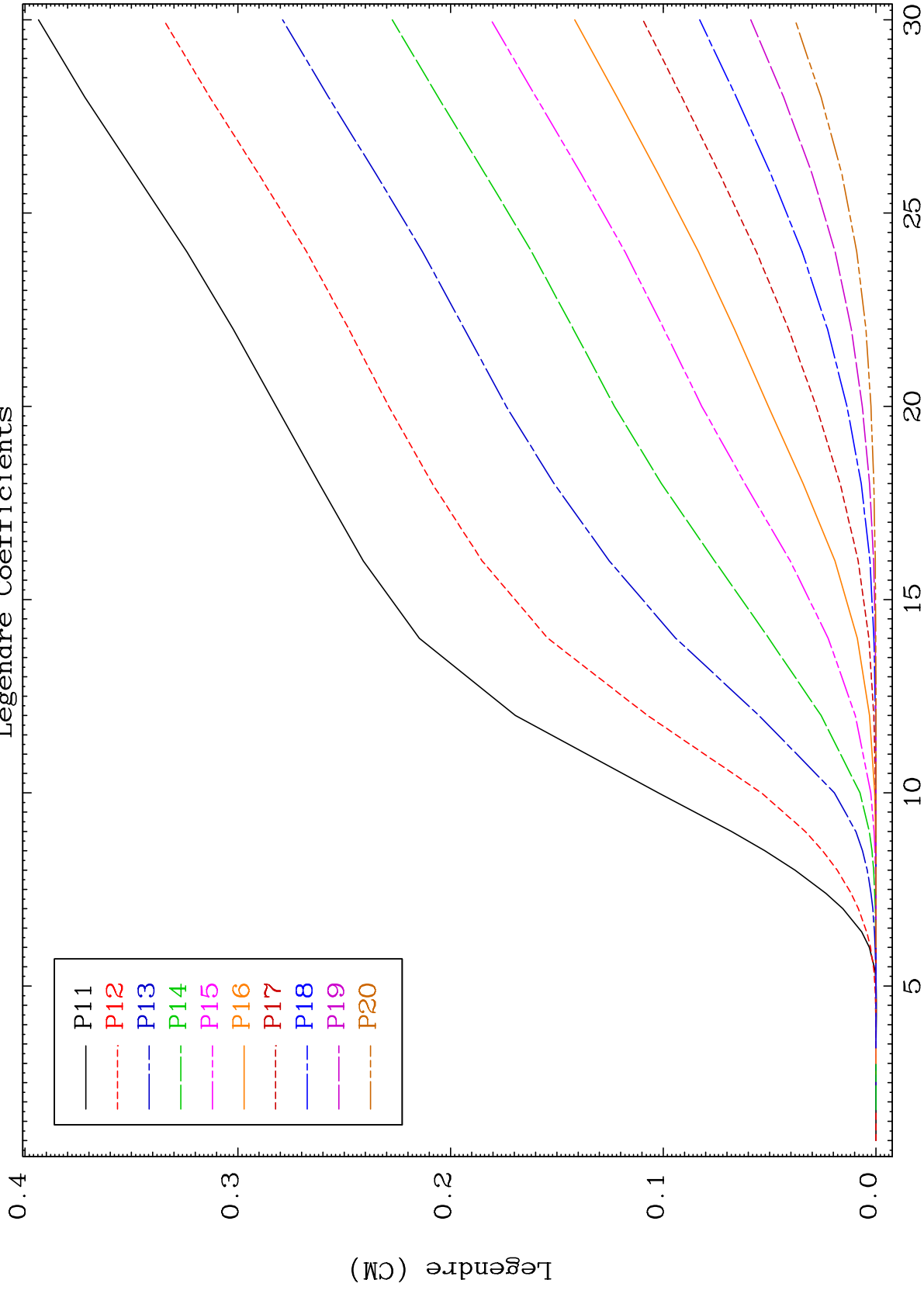
Incident Energy (MeV)

93-Np-242

MAT 9361

Elastic Legendre Coefficients

<sup>93</sup>Np-242



19

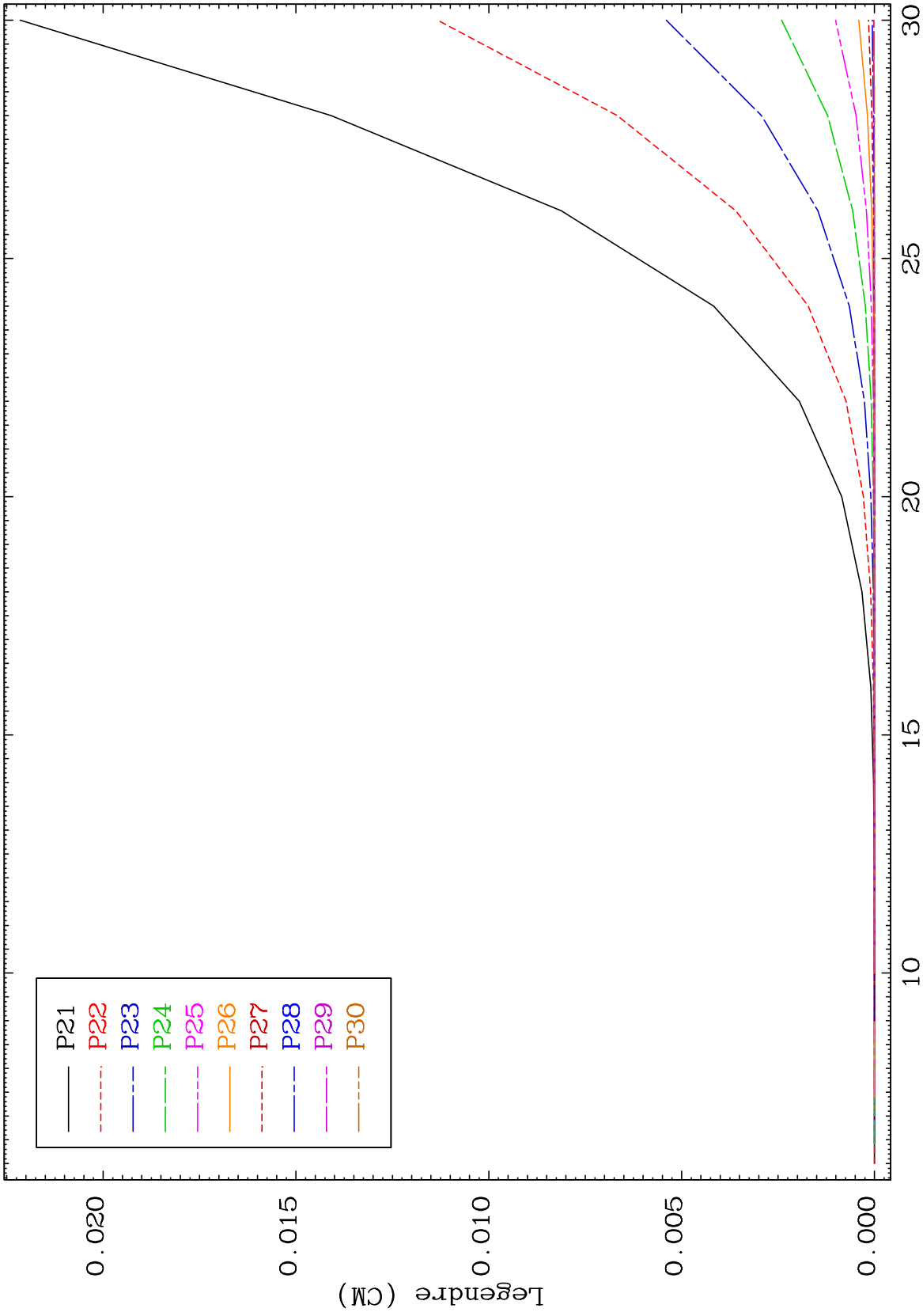
Incident Energy (MeV)

<sup>93</sup>Np-242

MAT 9361

Elastic Legendre Coefficients

93-Np-242



20

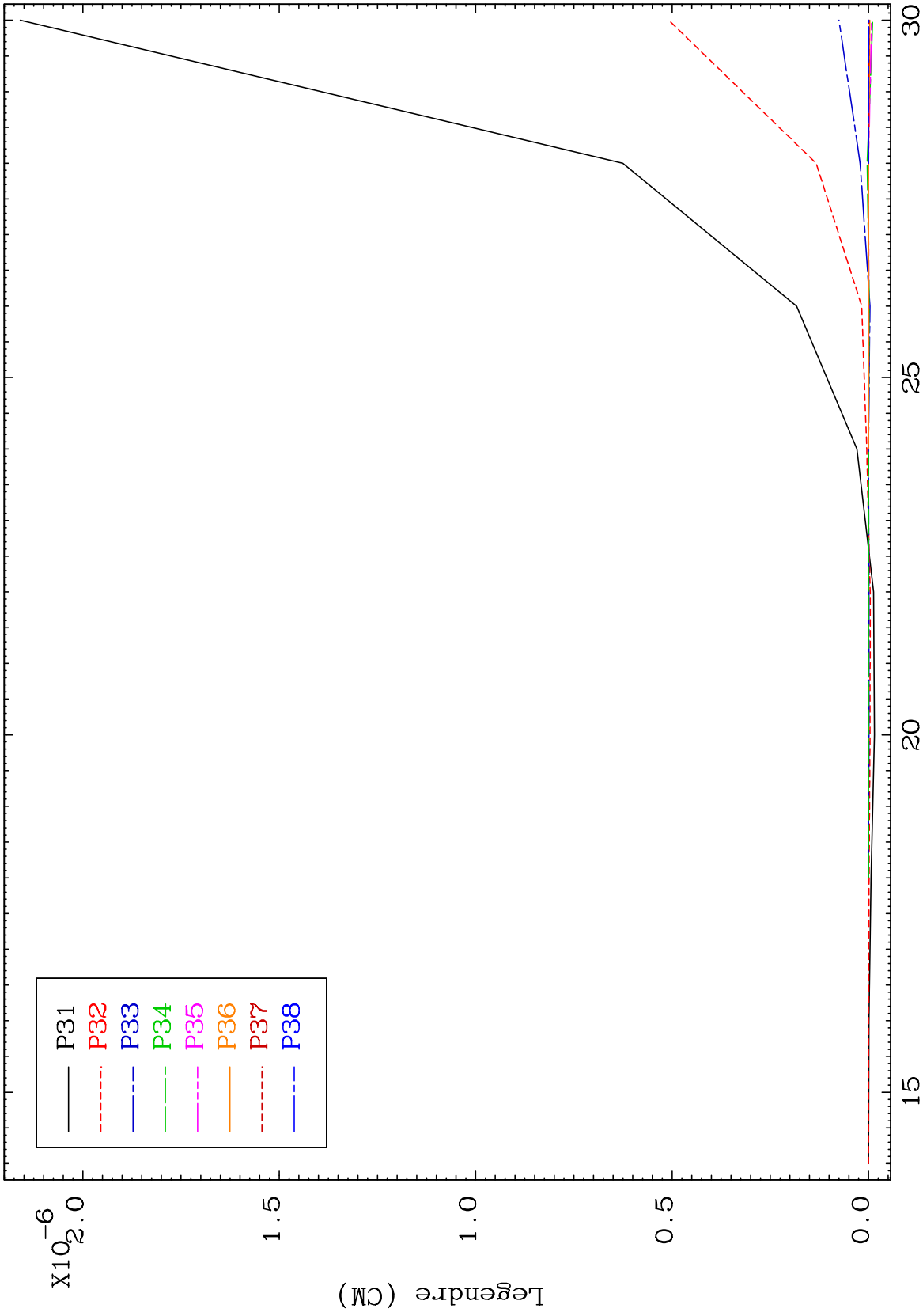
Incident Energy (MeV)

93-Np-242

MAT 9361

Elastic Legendre Coefficients

93-Np-242



21

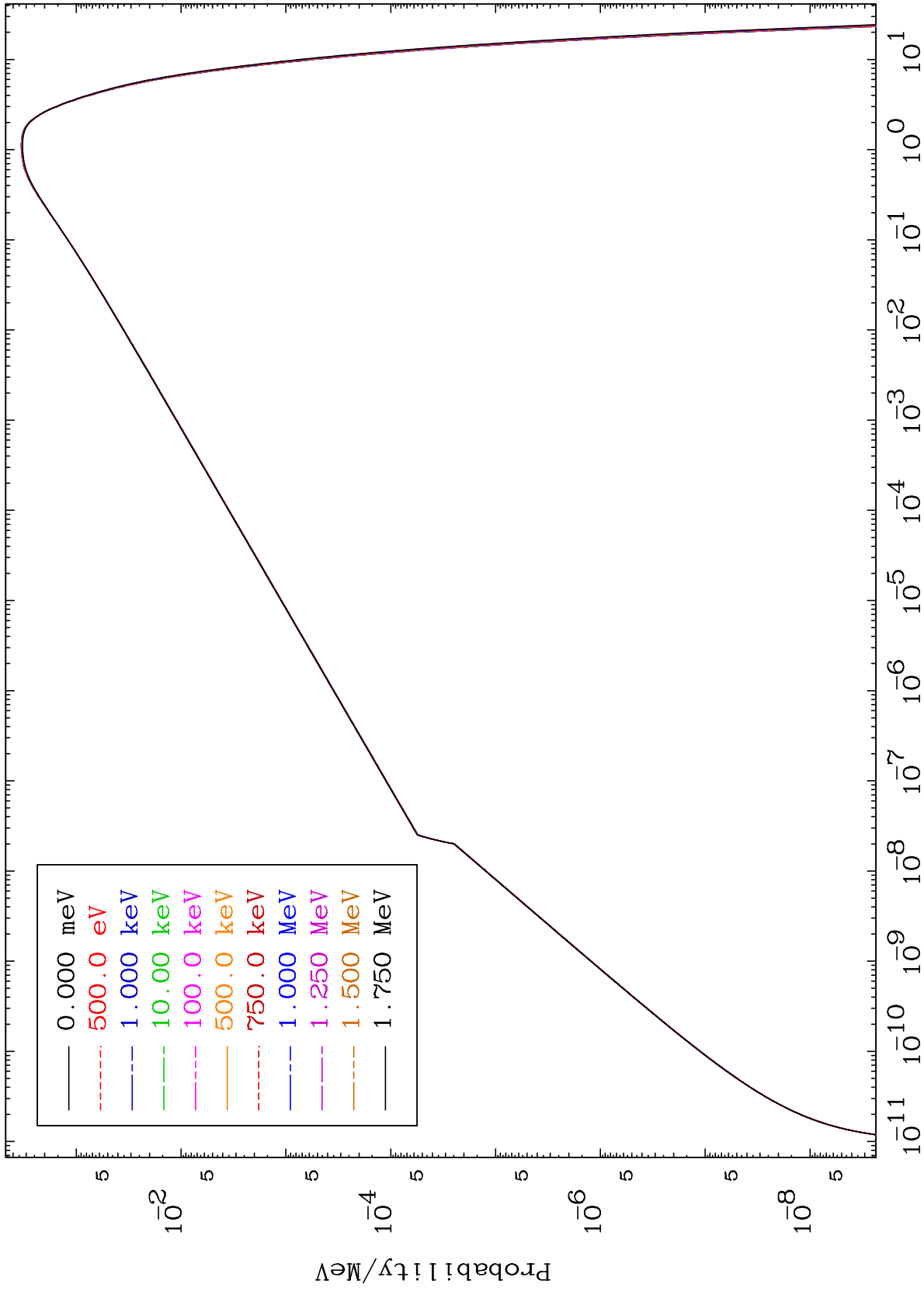
Incident Energy (MeV)

93-Np-242

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### Fission Energy Distribution

93-Np-242



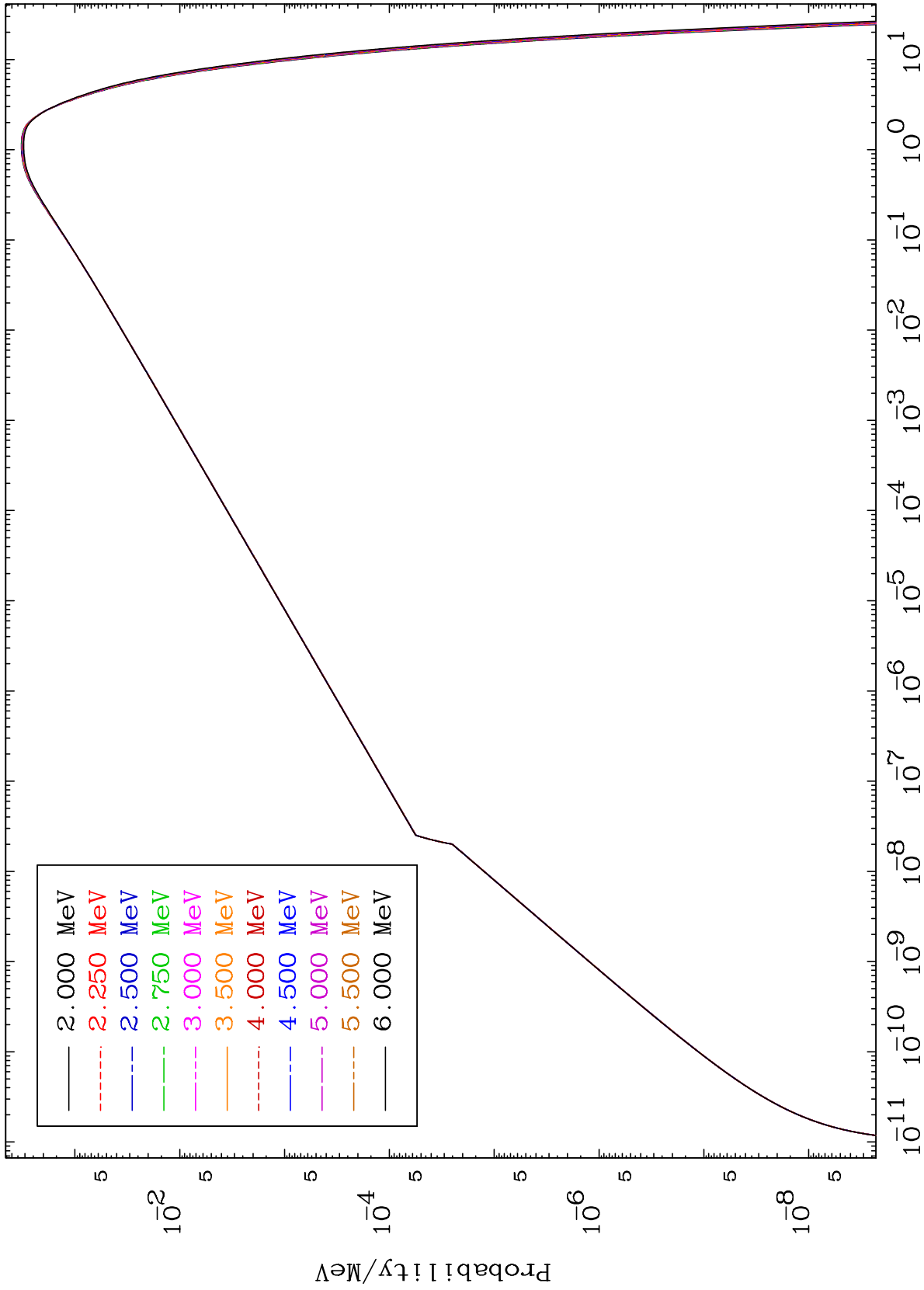
22

93-Np-242

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# Fission Energy Distribution

93-Np-242



23

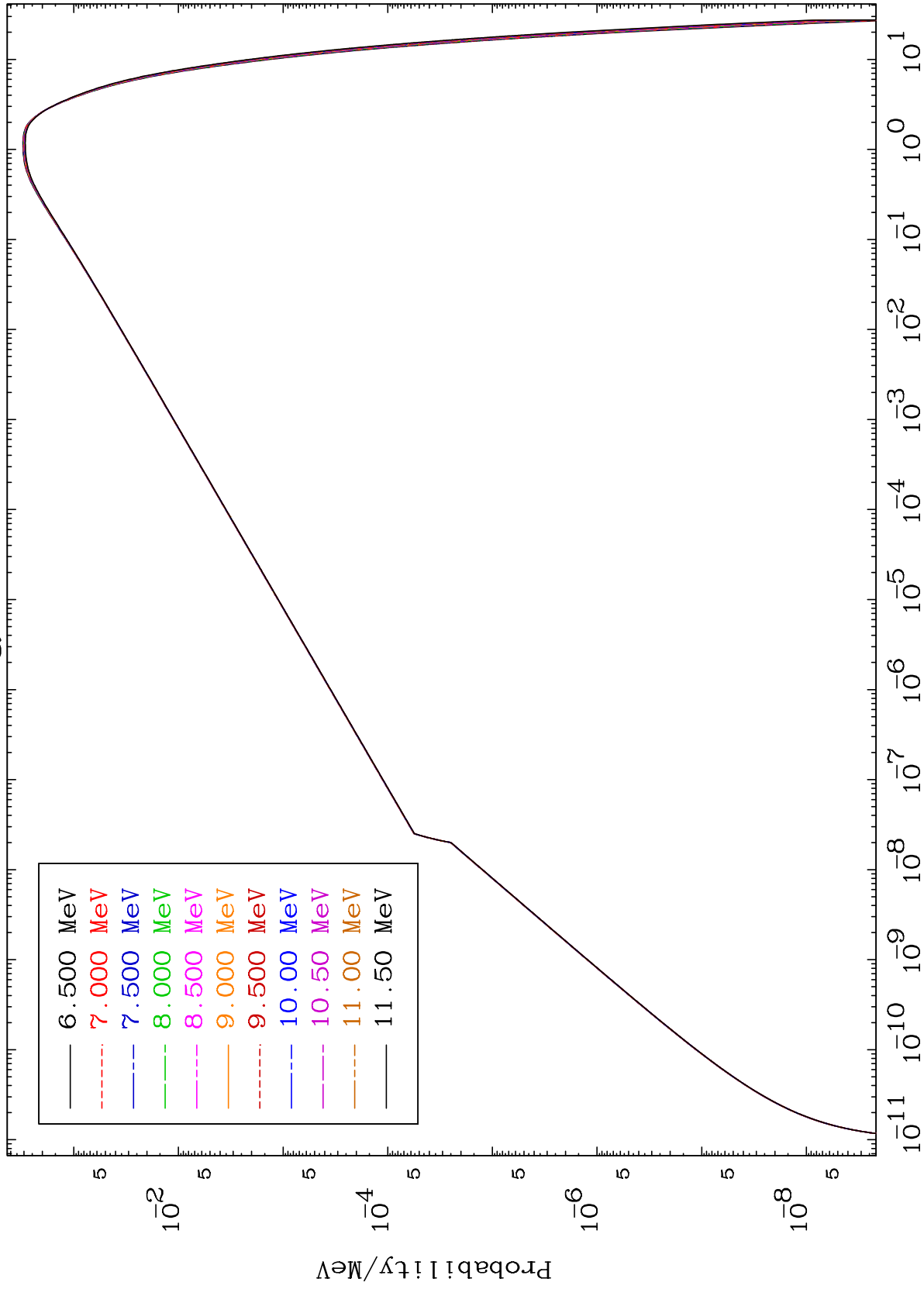
93-Np-242



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### Fission Energy Distribution

93-Np-242



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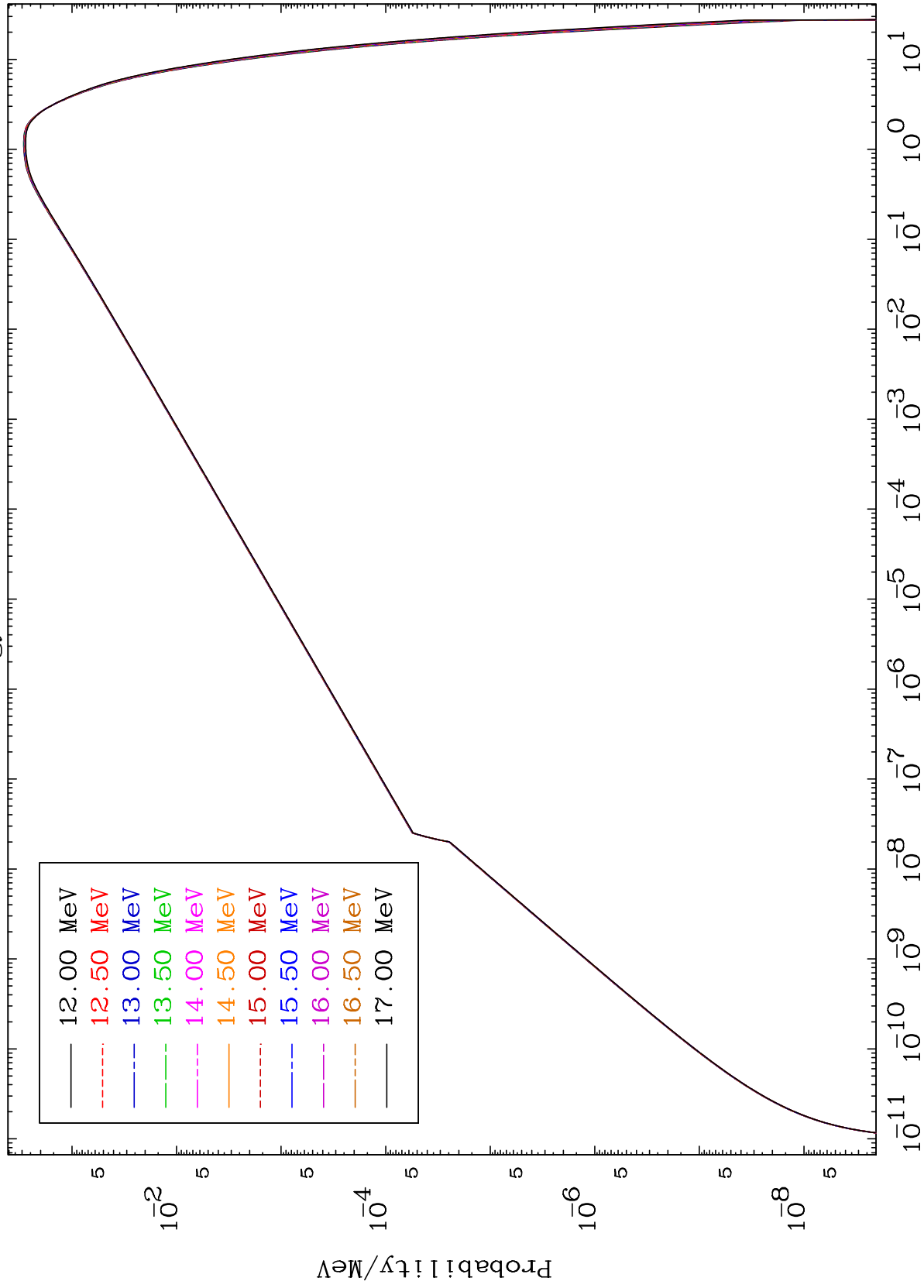
Secondary Energy (MeV)

93-Np-242

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### Fission Energy Distribution

93-Np-242



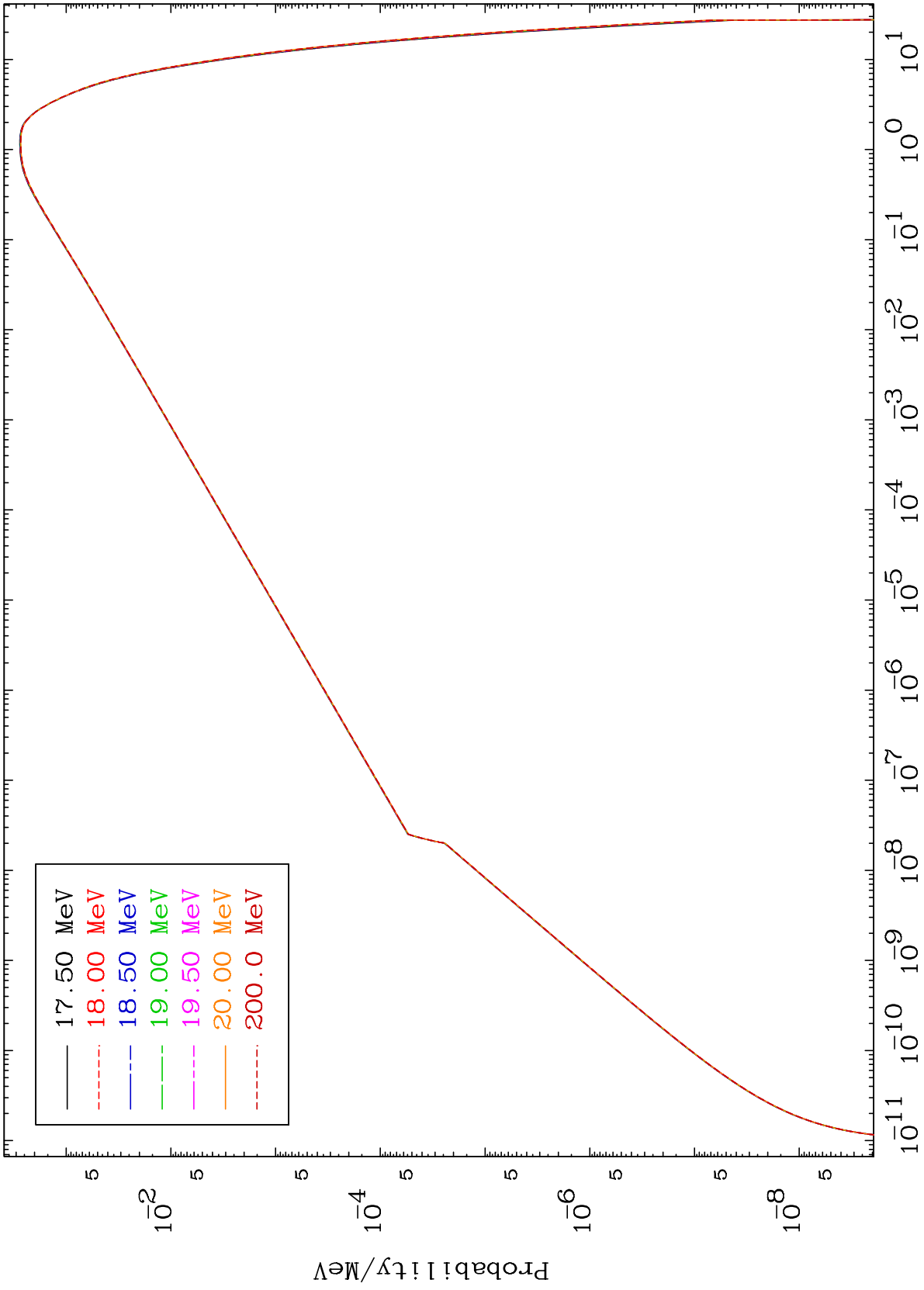
25

93-Np-242

MAT 9361

### Fission Energy Distribution

93-Np-242



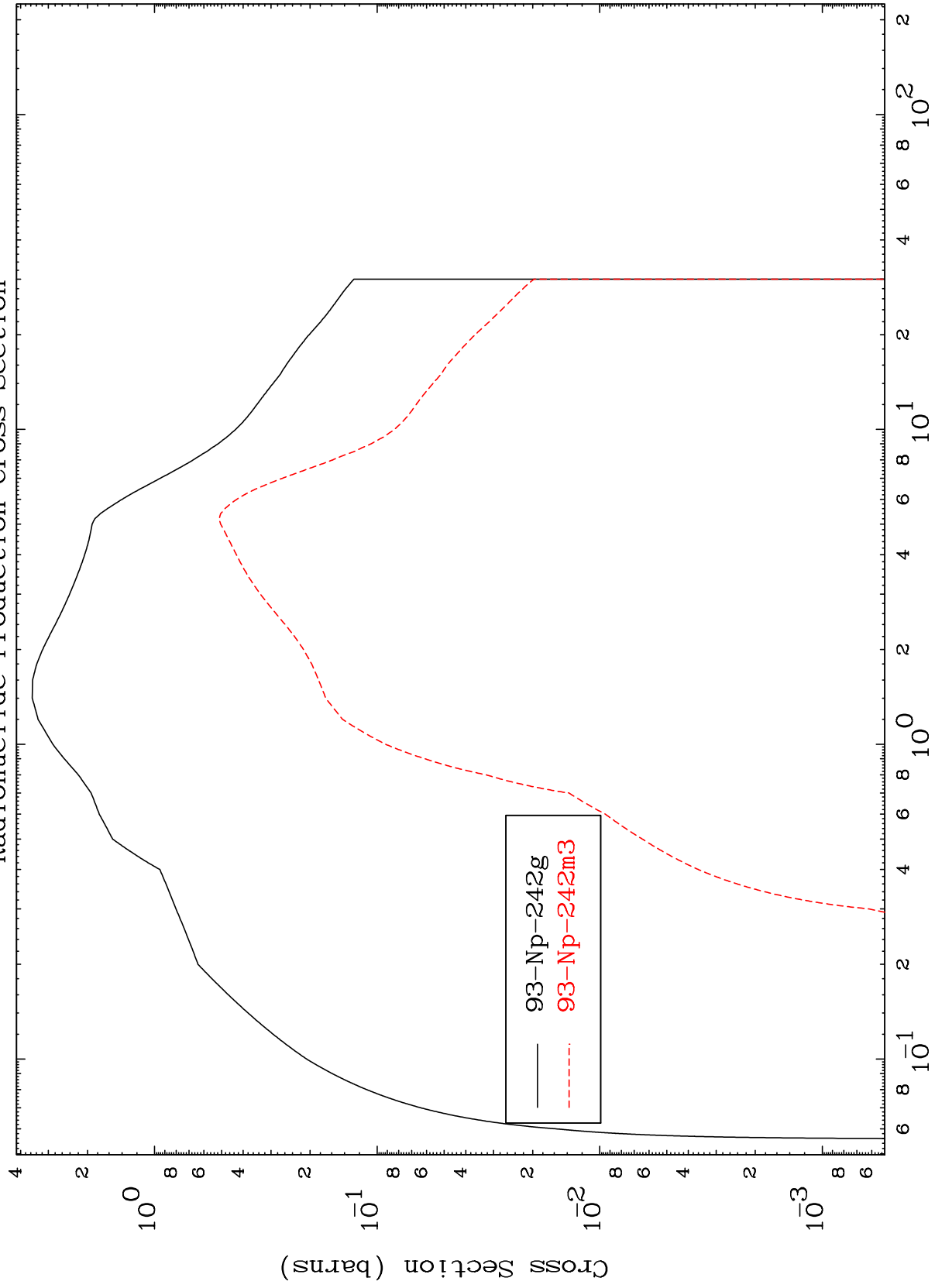
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

93-Np-242

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Inelastic  
Radionuclide Production Cross Section

93-Np-242



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Incident Energy (MeV)

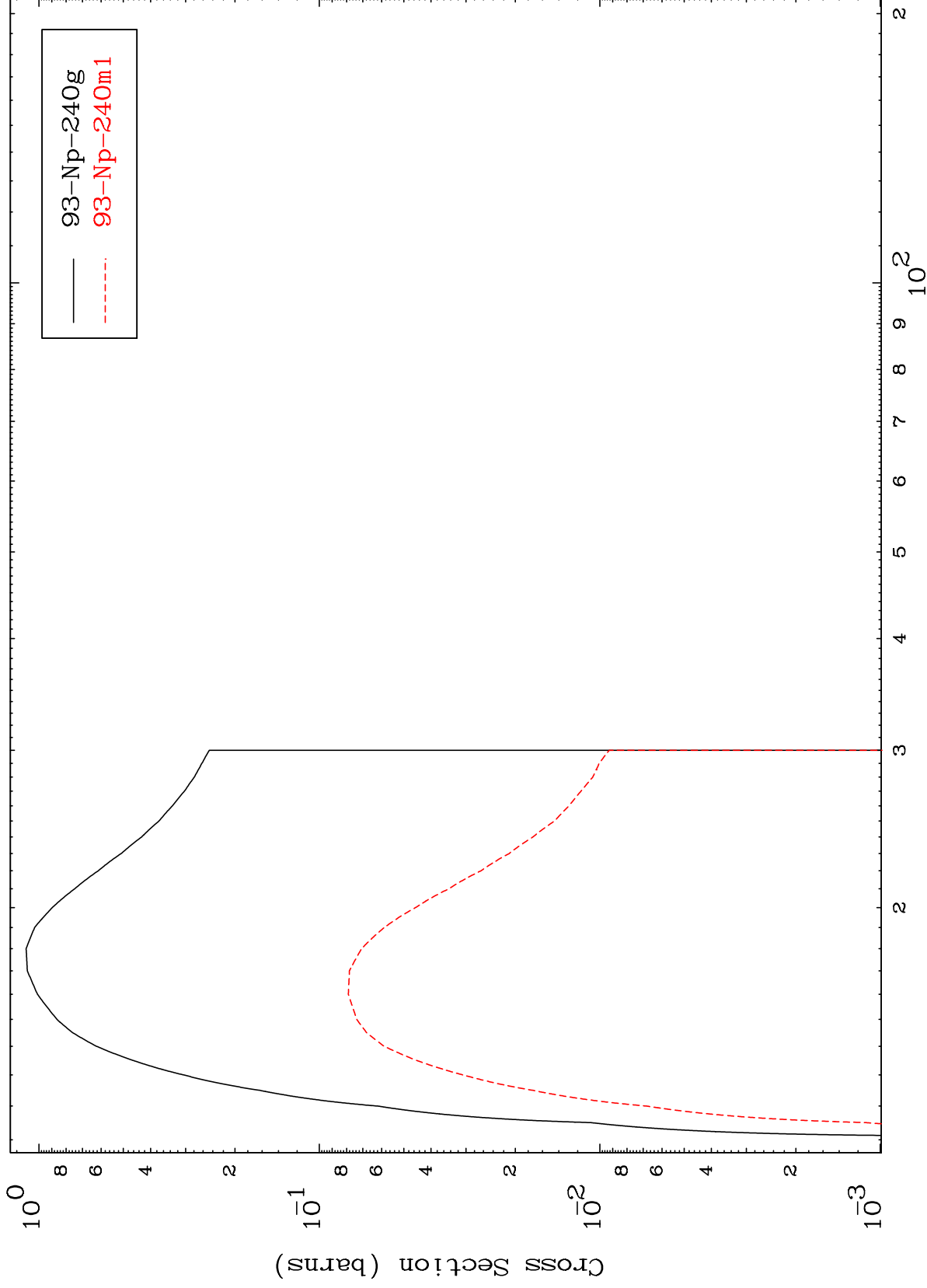
93-Np-242

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(n,3n)

93-Np-242

Radionuclide Production Cross Section



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Incident Energy (MeV)

93-Np-242