

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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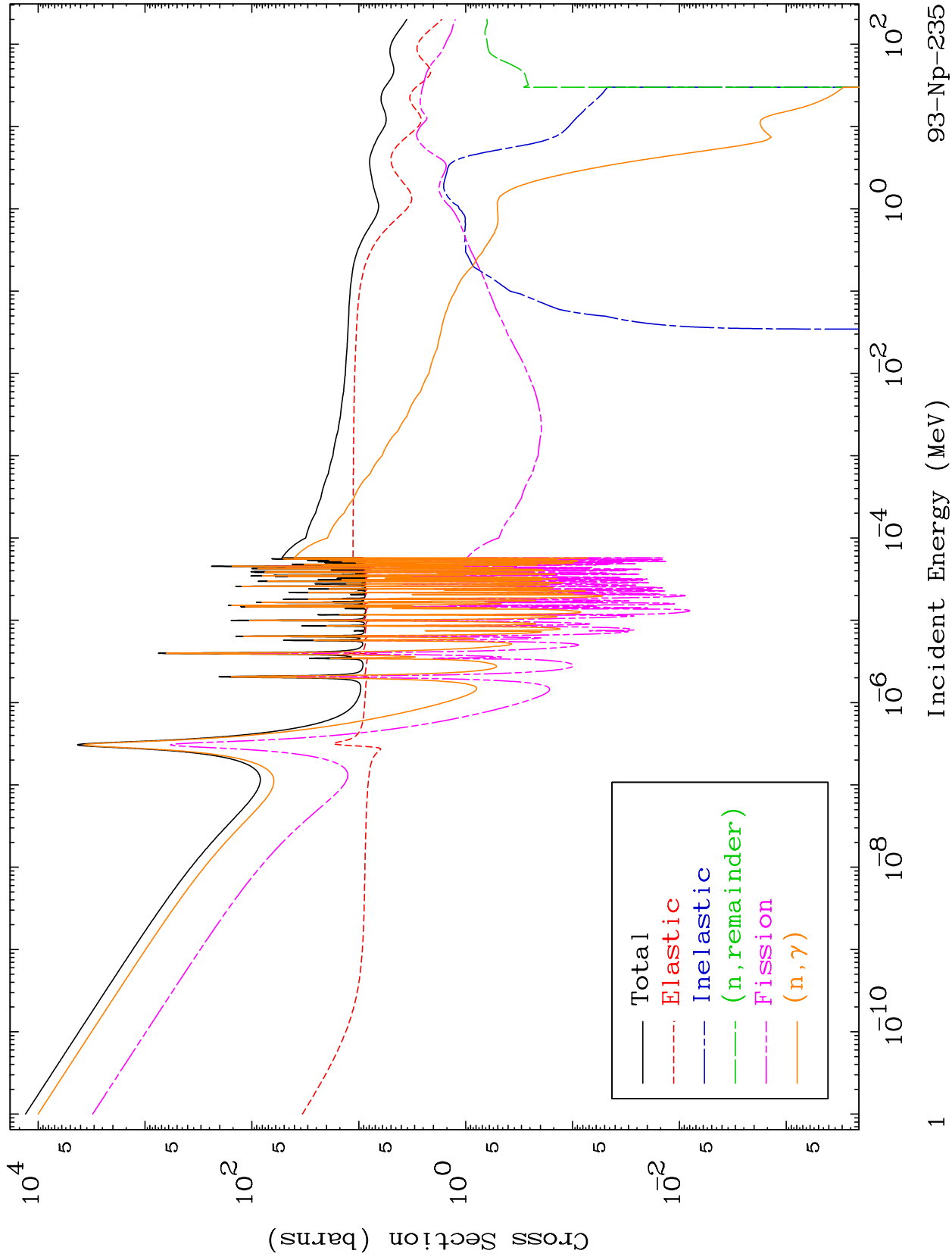
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9340

Major  
293 Kelvin Cross Sections

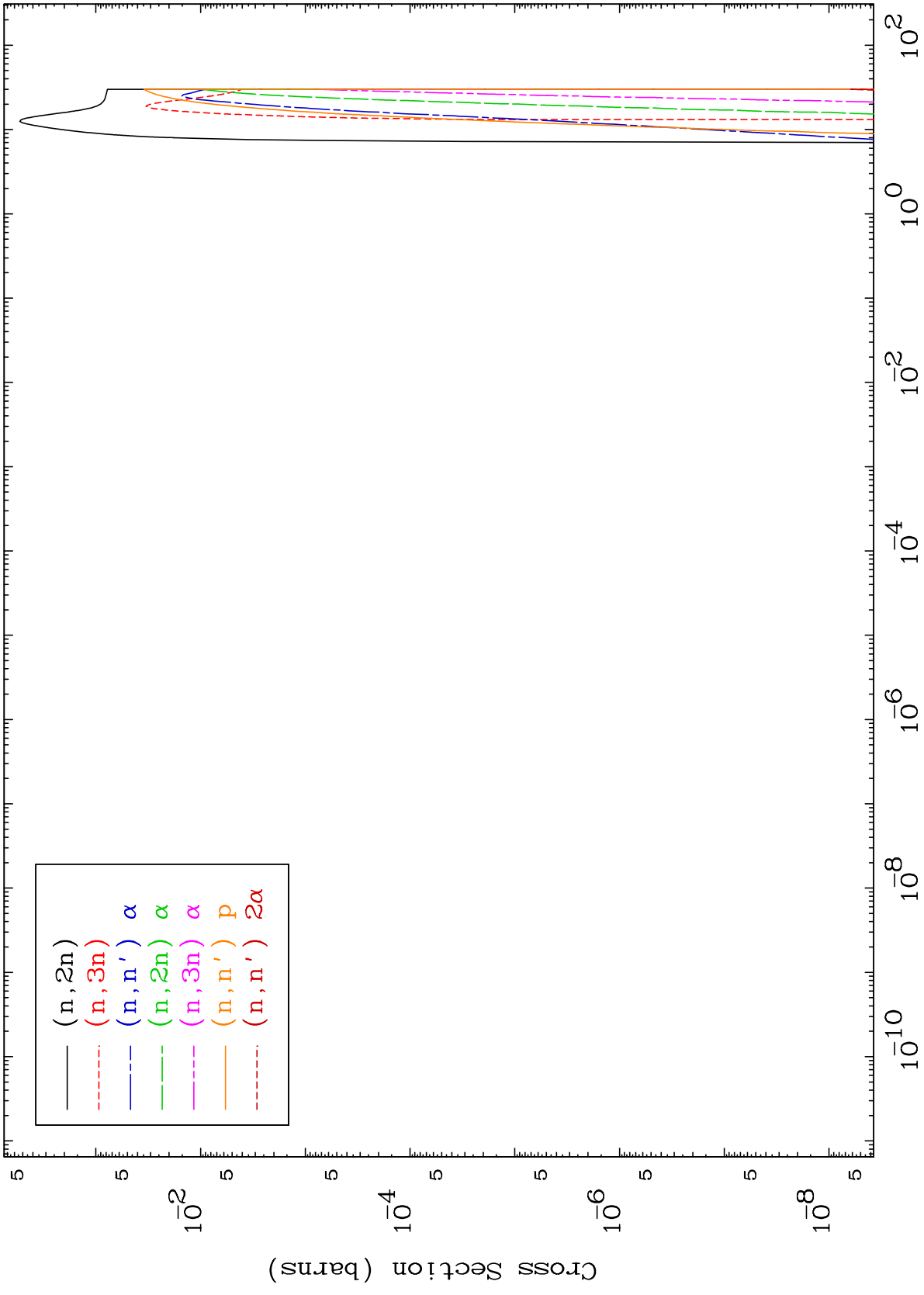
93-Np-235



MAT 9340

Neutron Production  
293 Kelvin Cross Sections

93-Np-235

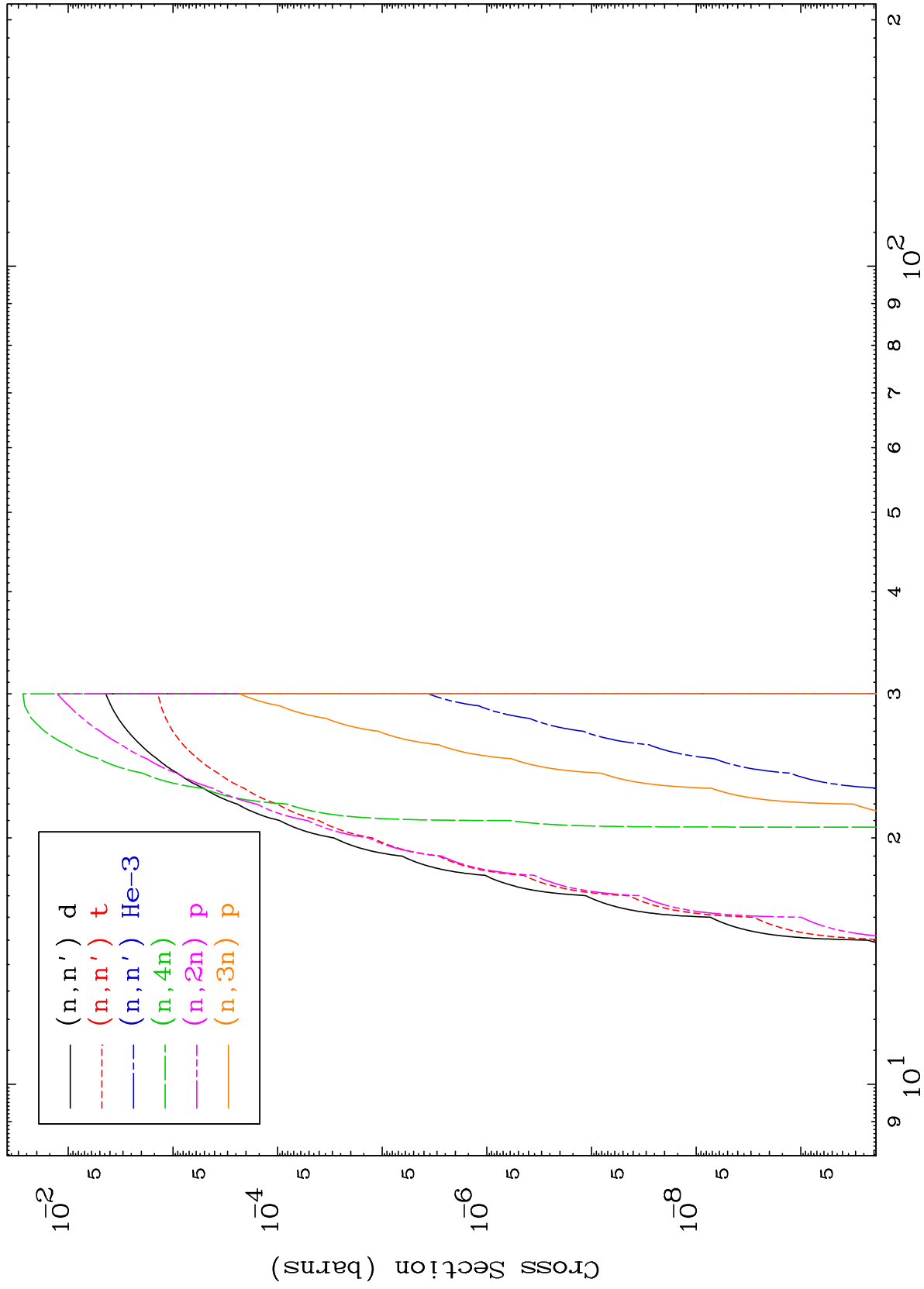


93-Np-235

MAT 9340

Neutron Production  
293 Kelvin Cross Sections

93-Np-235



3

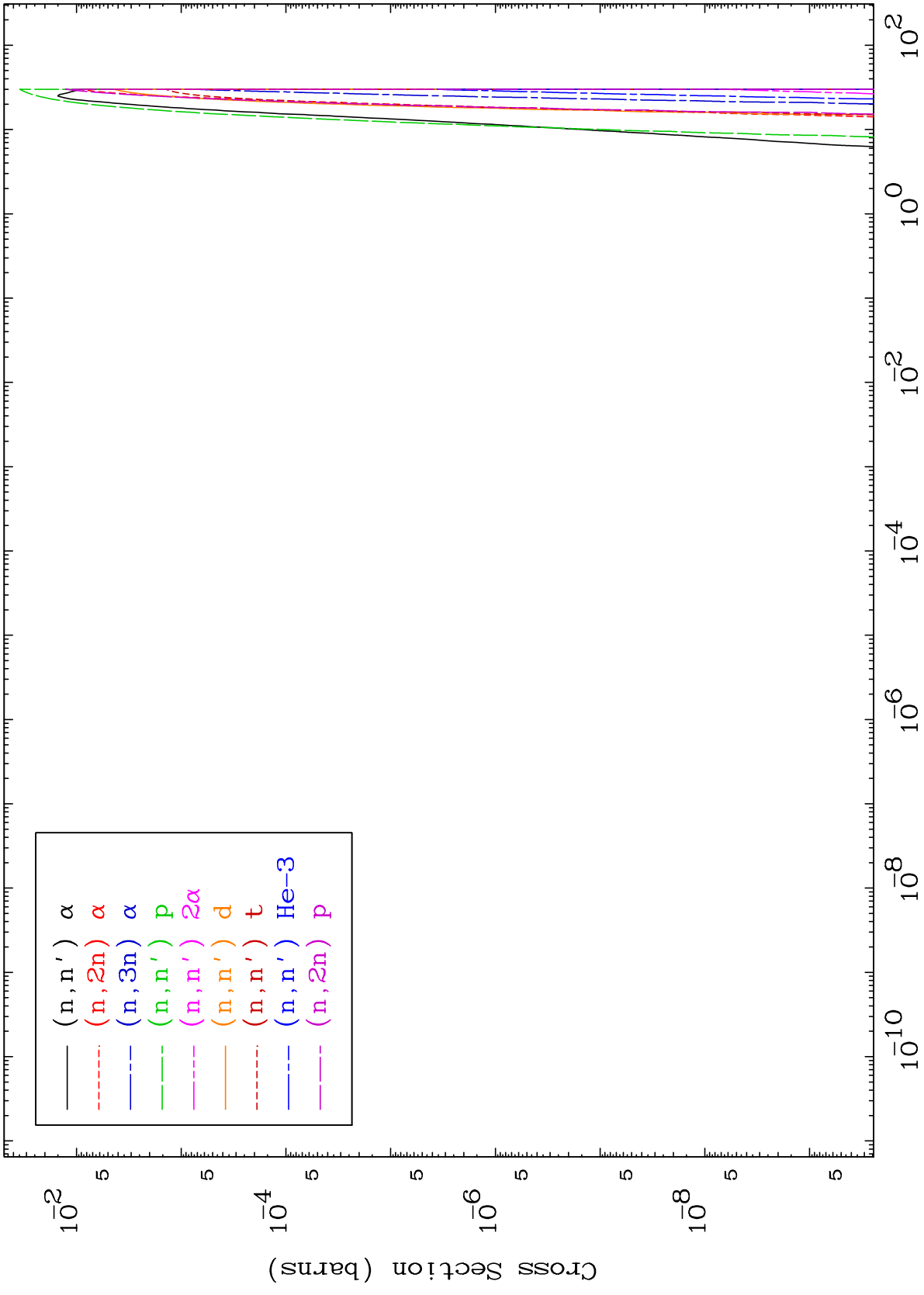
Incident Energy (MeV)

93-Np-235

MAT 9340

Charged Particle  
293 Kelvin Cross Sections

93-Np-235



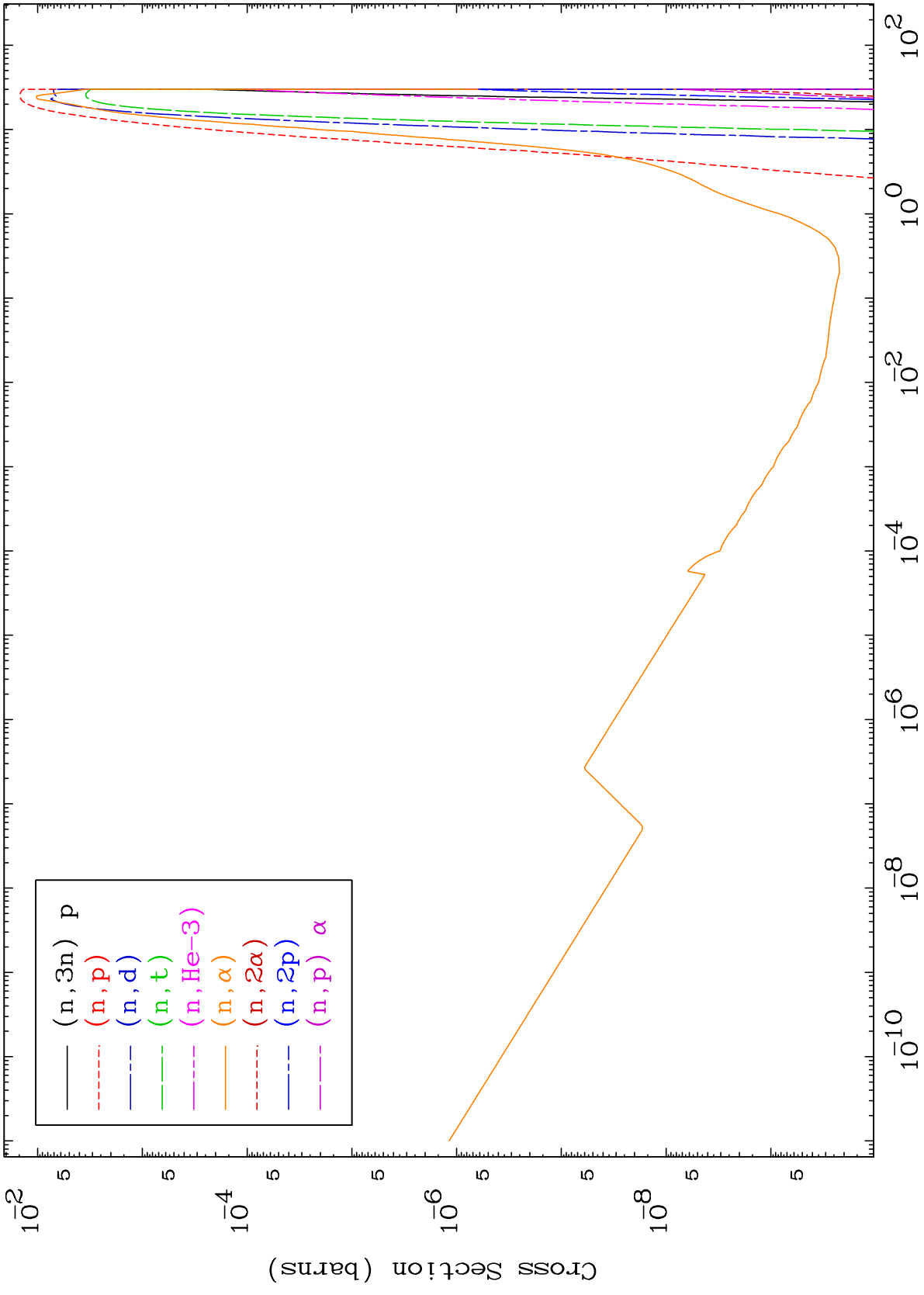
93-Np-235

Incident Energy (MeV)

MAT 9340

Charged Particle  
293 Kelvin Cross Sections

93-Np-235



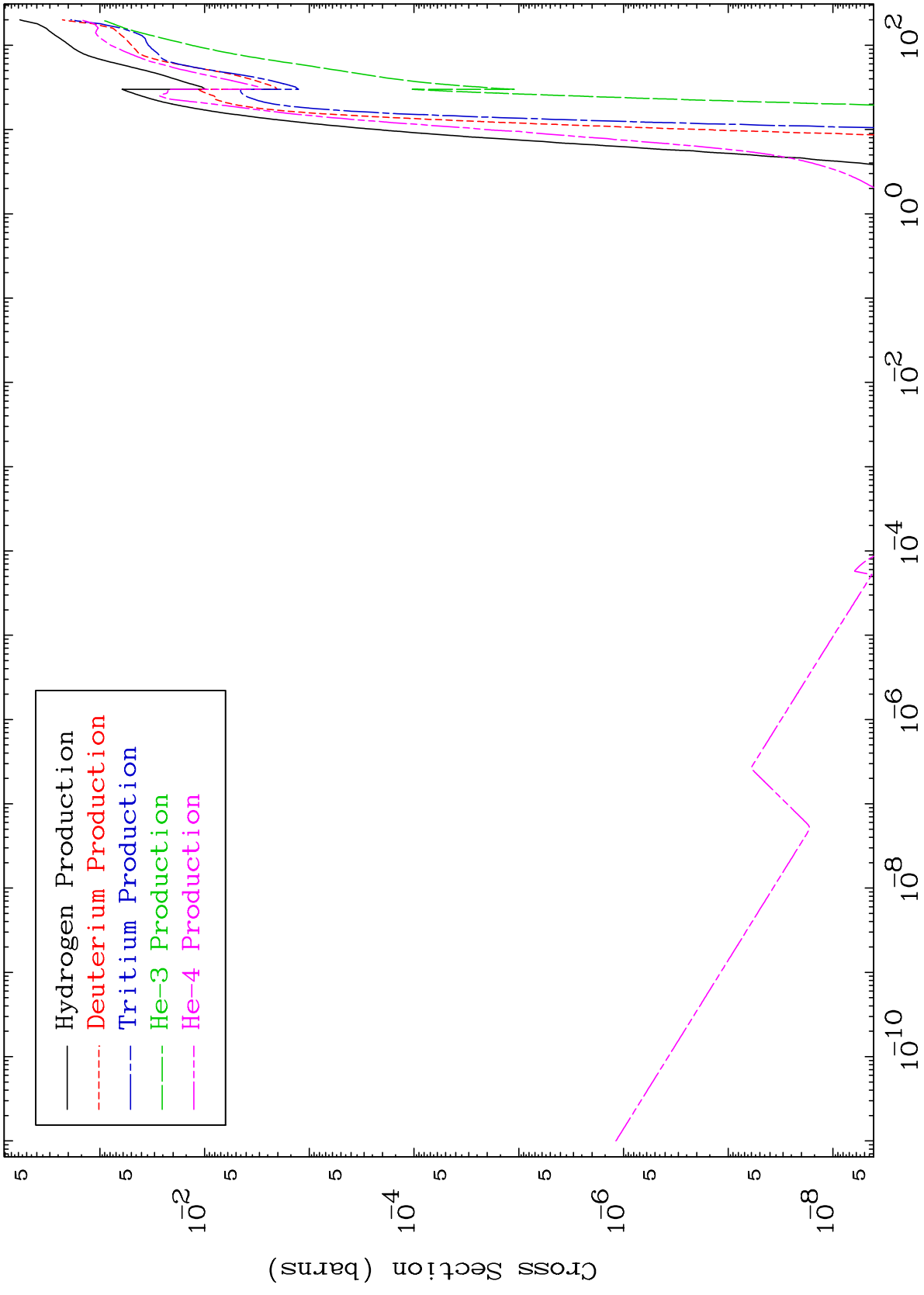
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93-Np-235

MAT 9340

Particle Production  
293 Kelvin Cross Sections

93-Np-235



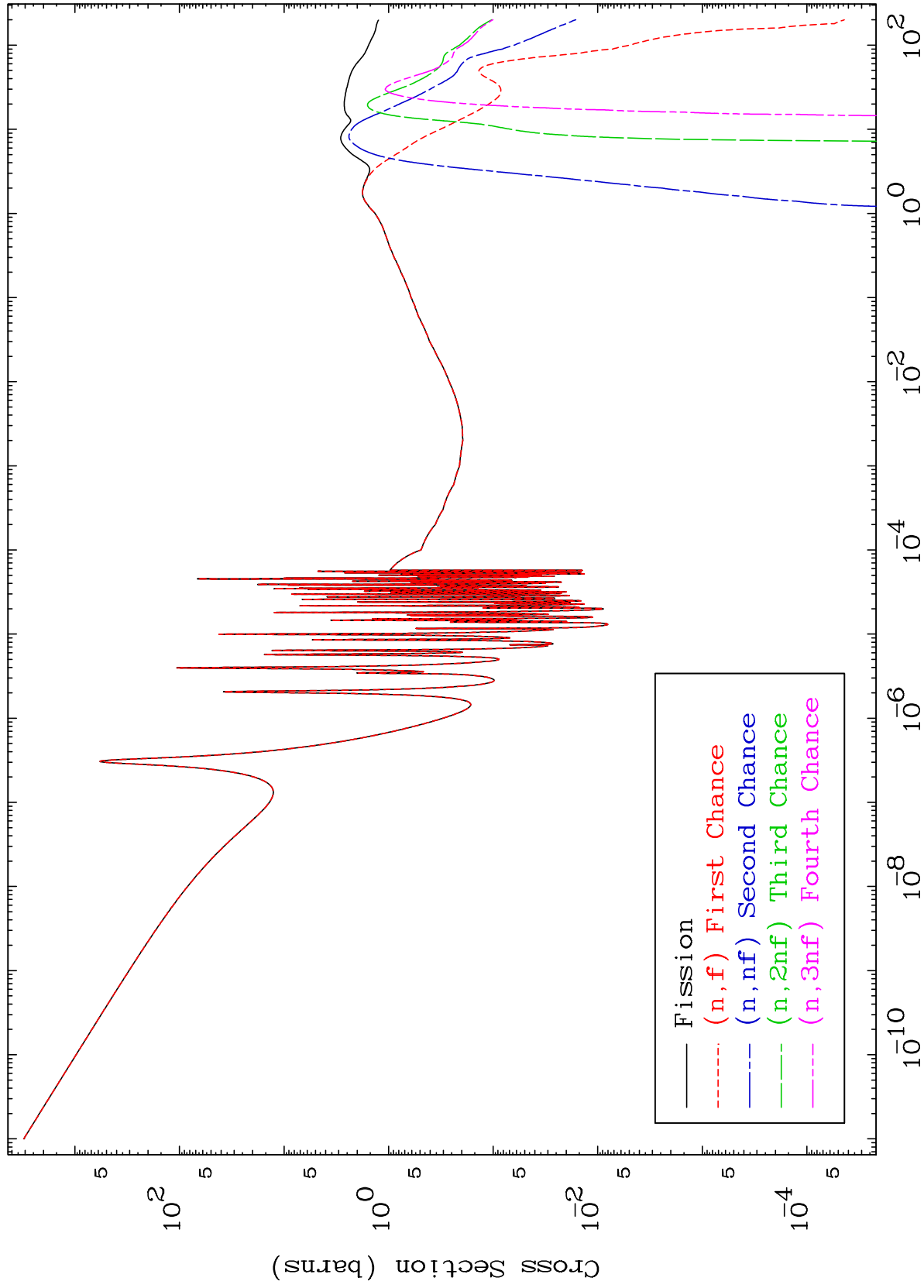
6

93-Np-235

MAT 9340

Fission  
293 Kelvin Cross Sections

93-Np-235



93-Np-235

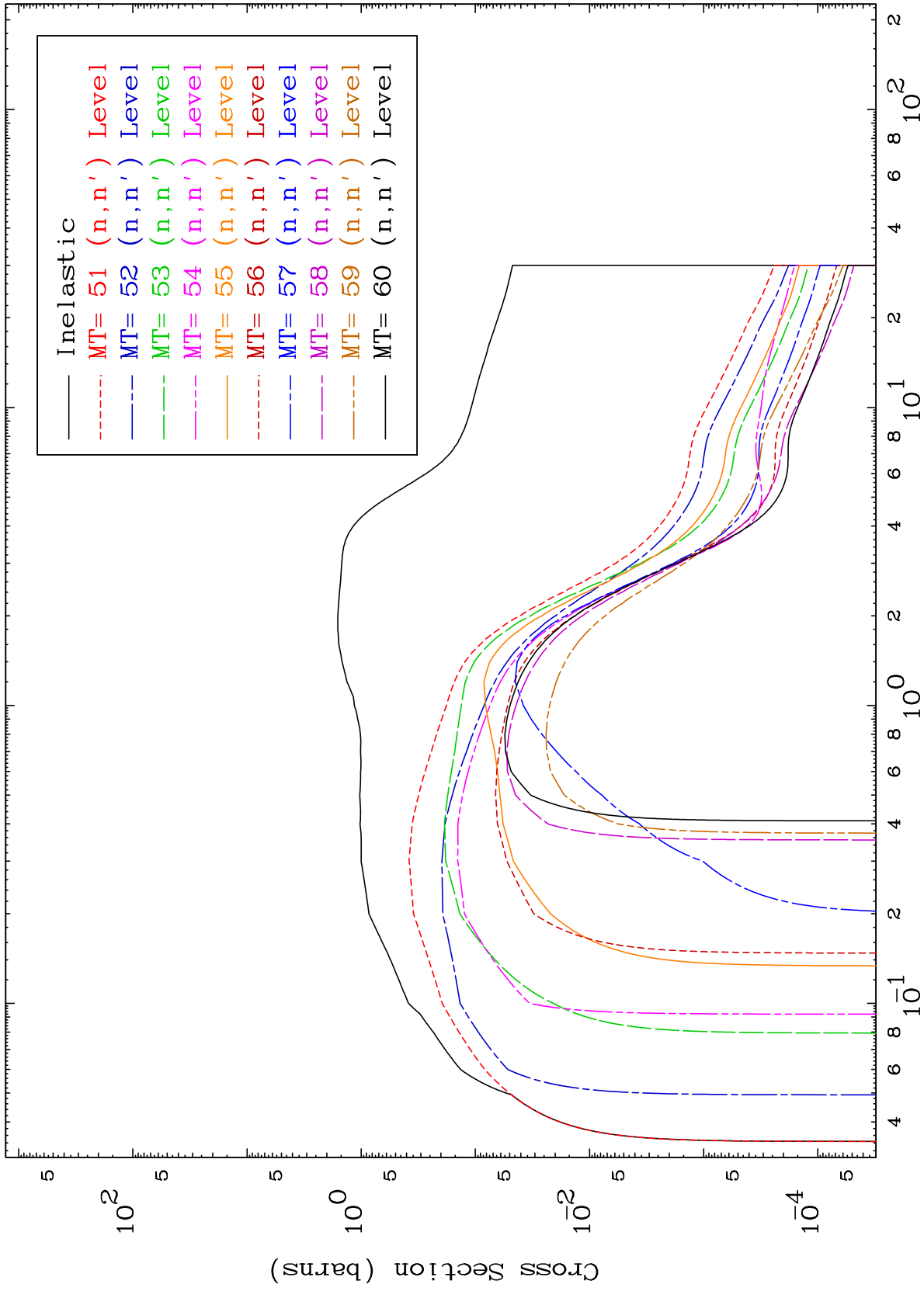


MAT 9340

(n,n') Level

93-Np-235

293 Kelvin Cross Sections

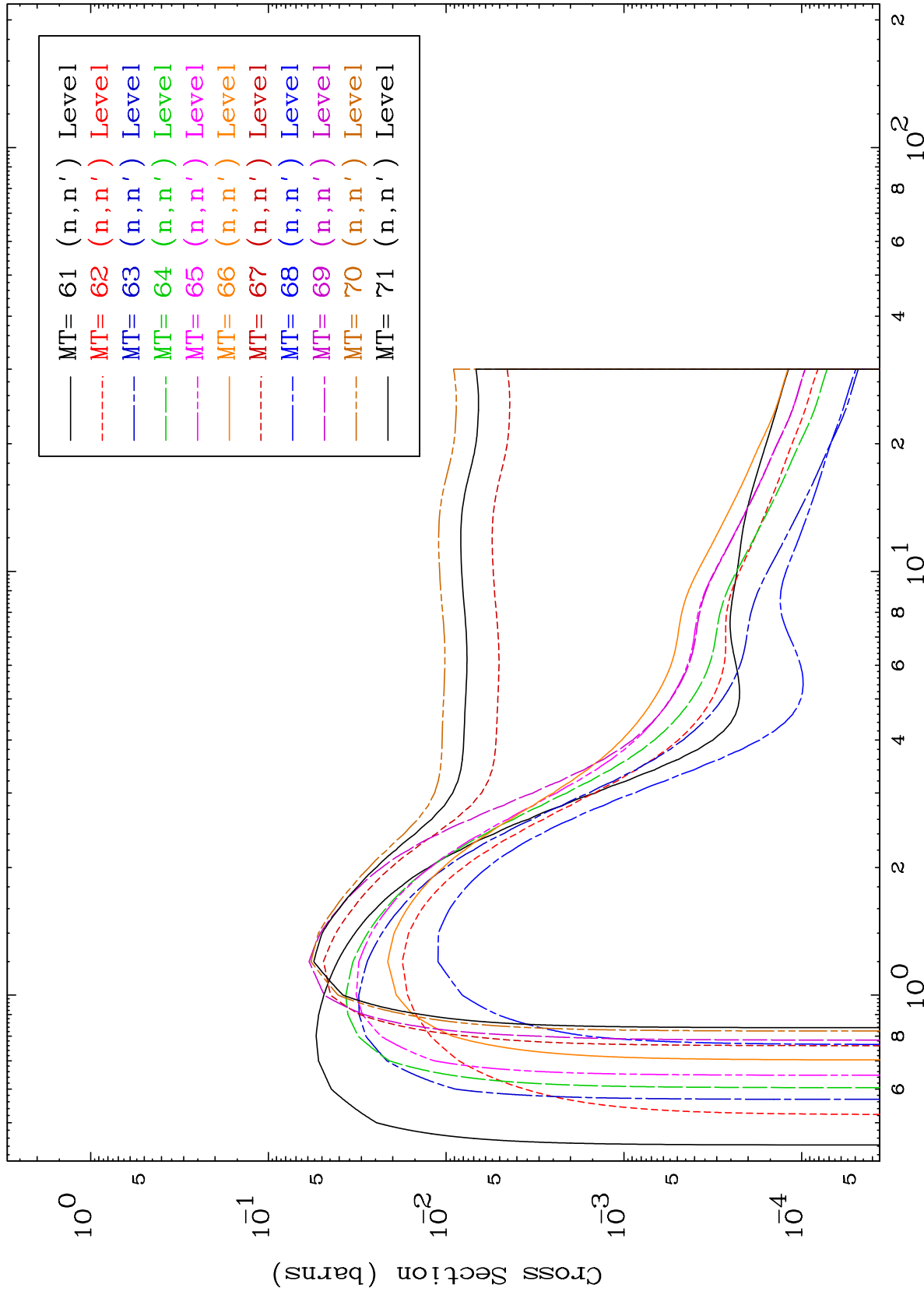


MAT 9340

(n,n') Level

293 Kelvin Cross Sections

93-Np-235



9

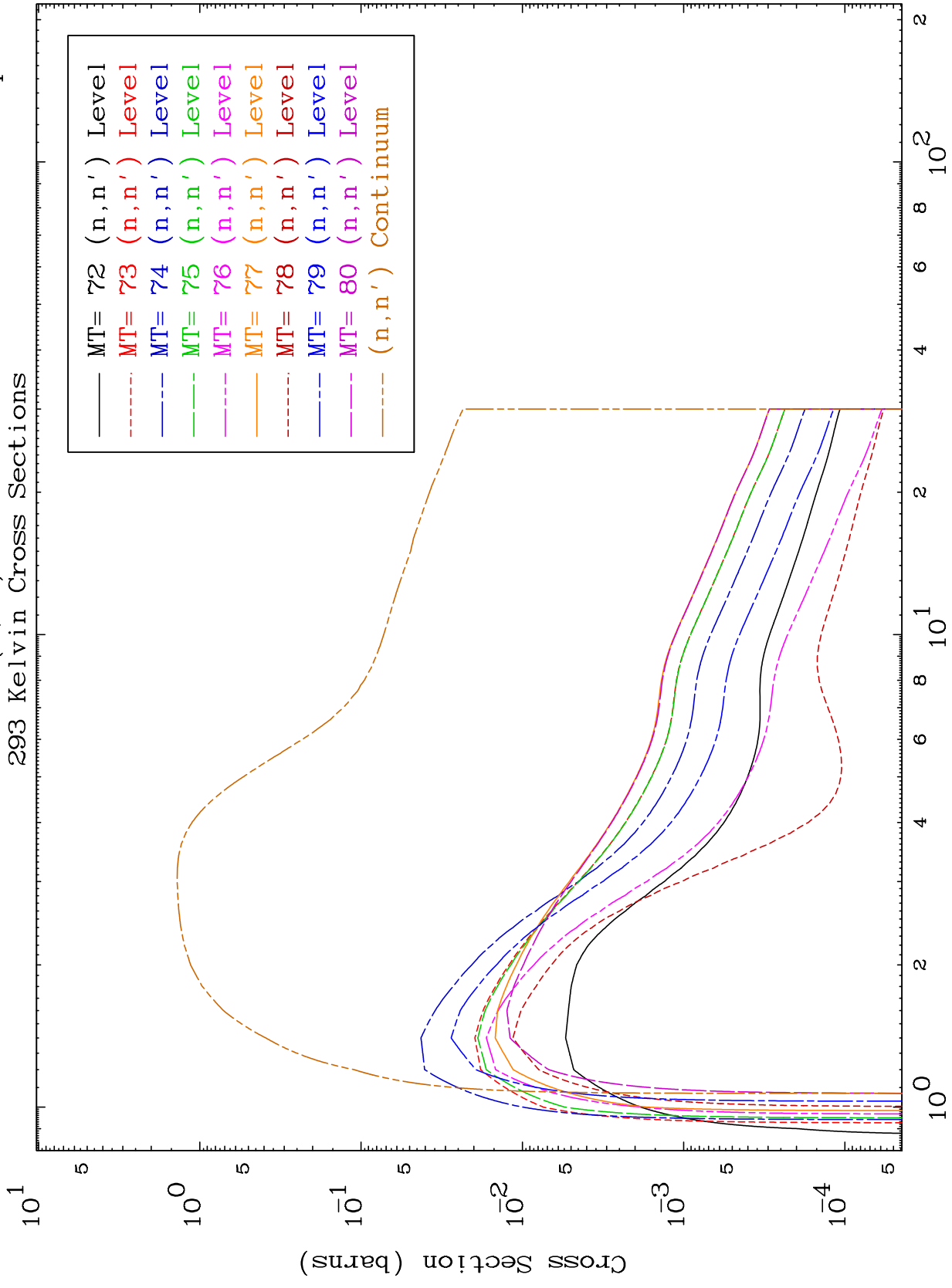
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,n') Level  
293 Kelvin Cross Sections

93-Np-235



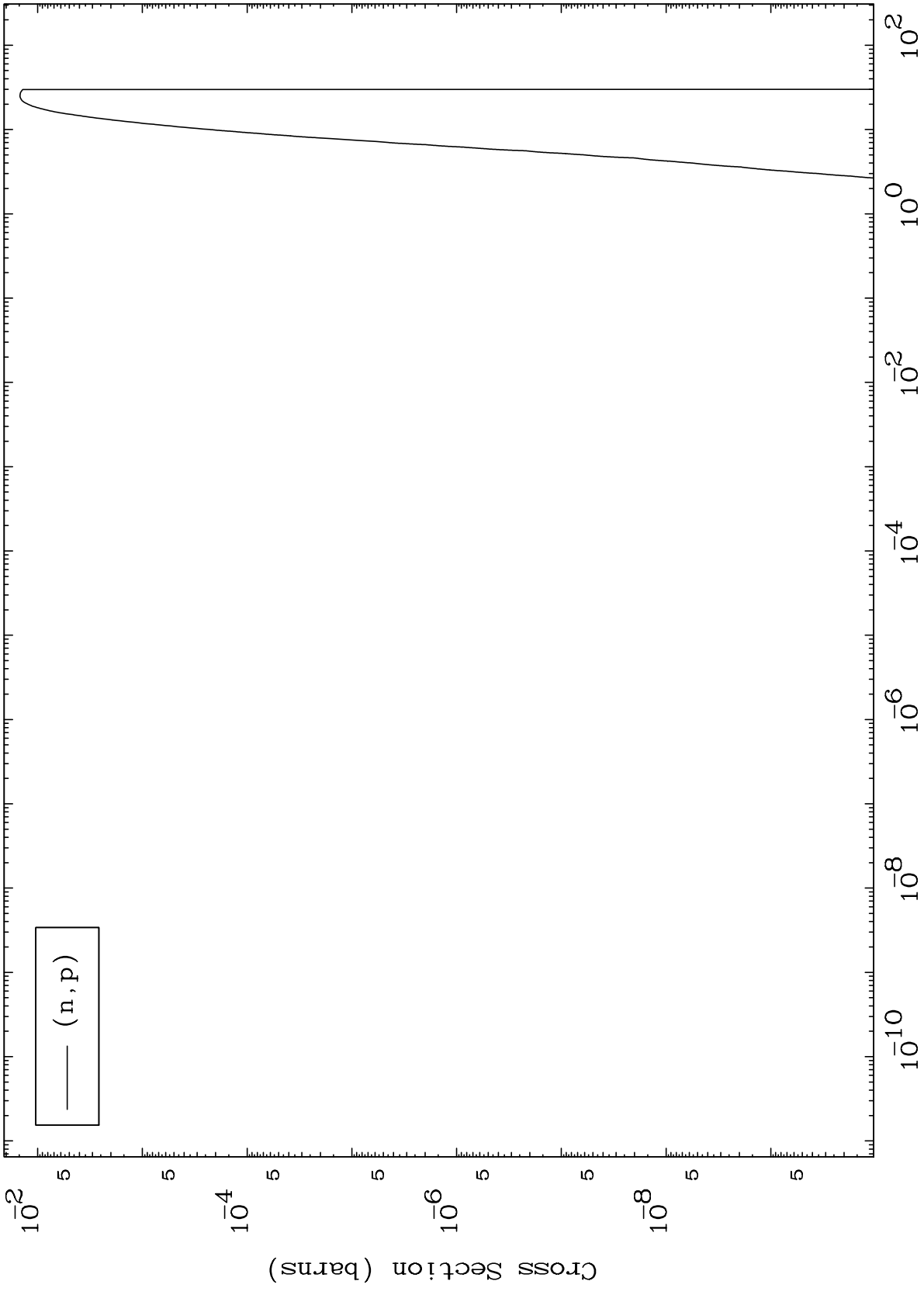
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,p) Levels  
293 Kelvin Cross Sections

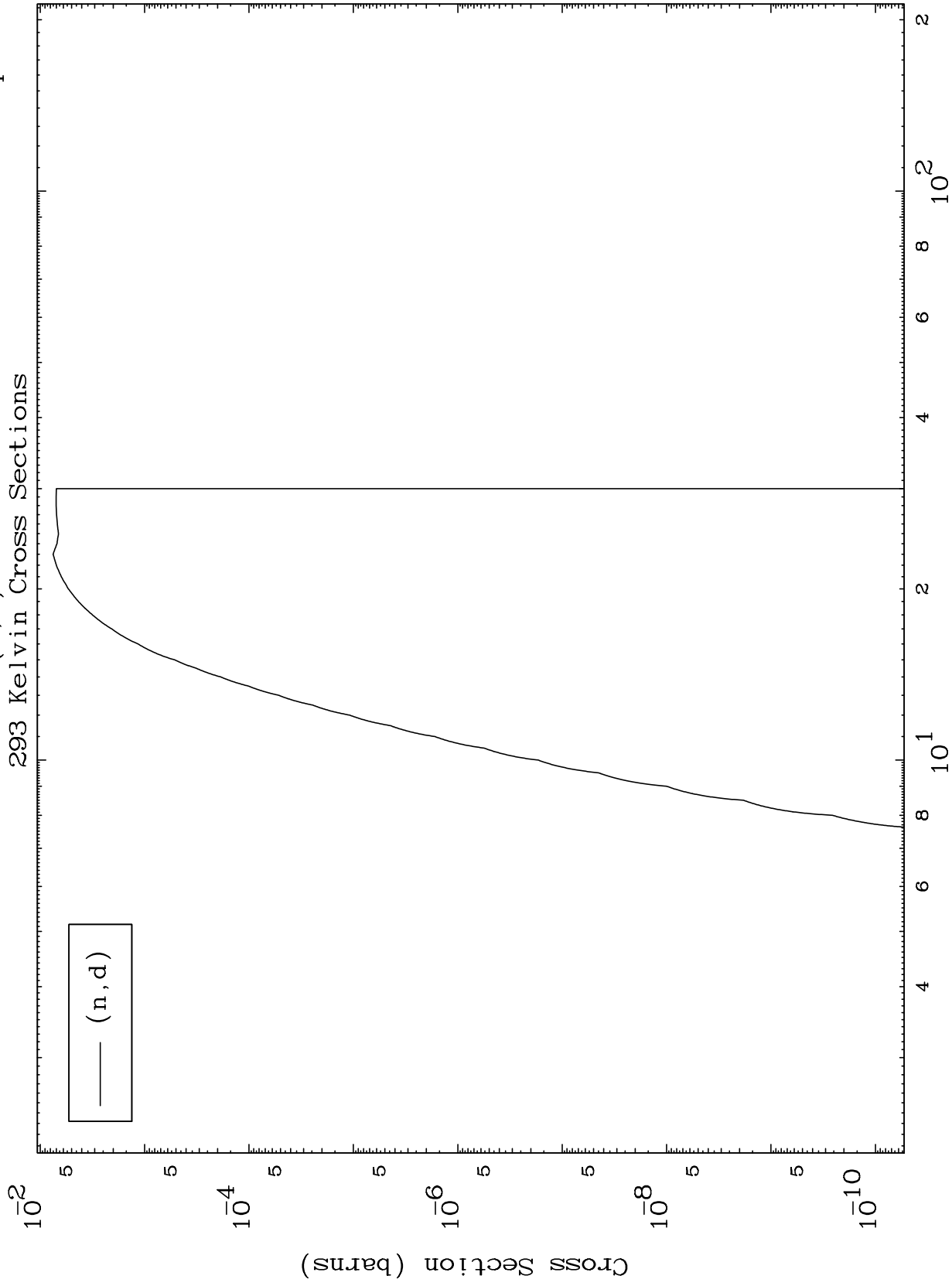
93-Np-235



MAT 9340

(n,d) Levels  
293 Kelvin Cross Sections

93-Np-235



12

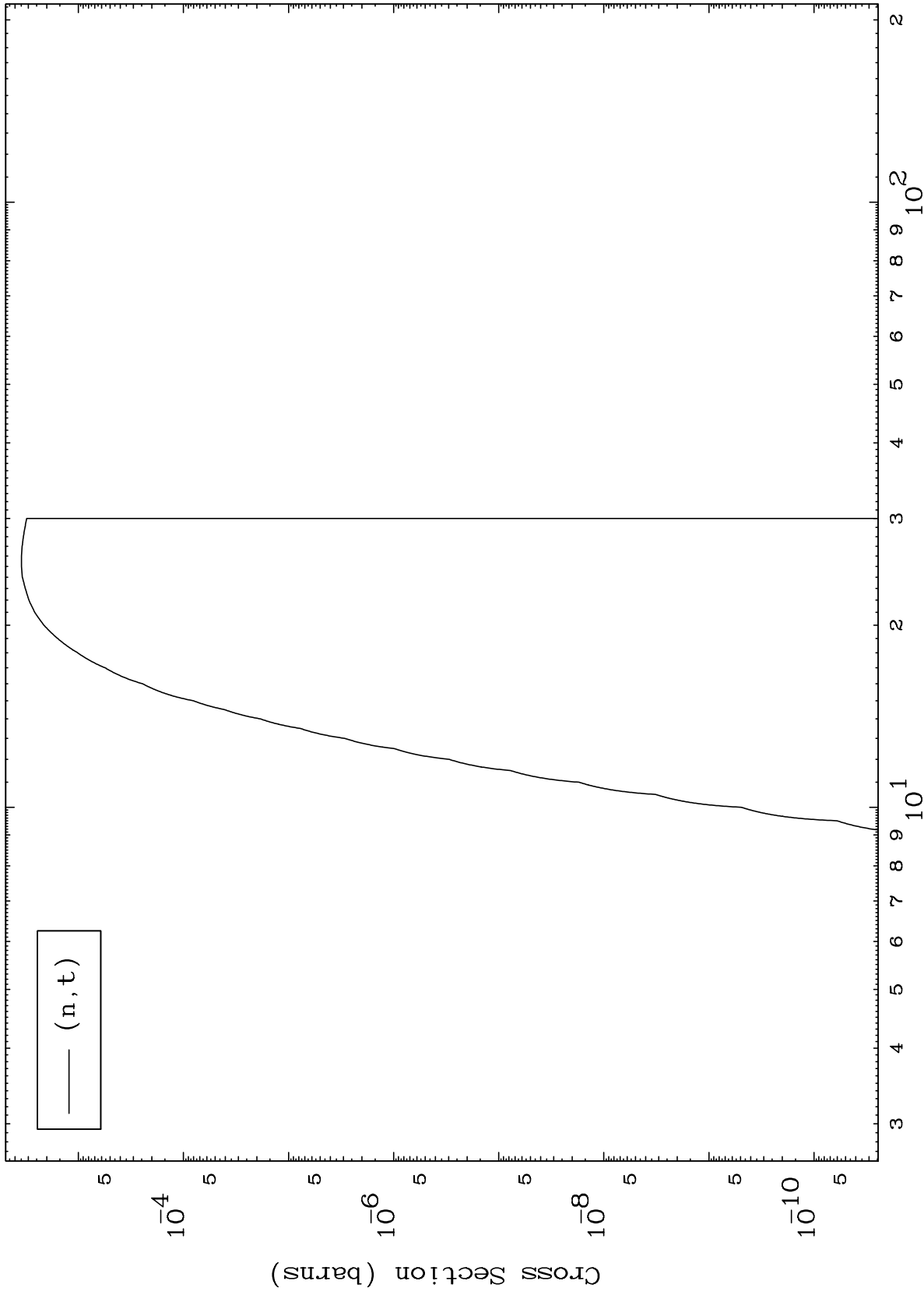
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,t) Levels  
293 Kelvin Cross Sections

93-Np-235



13

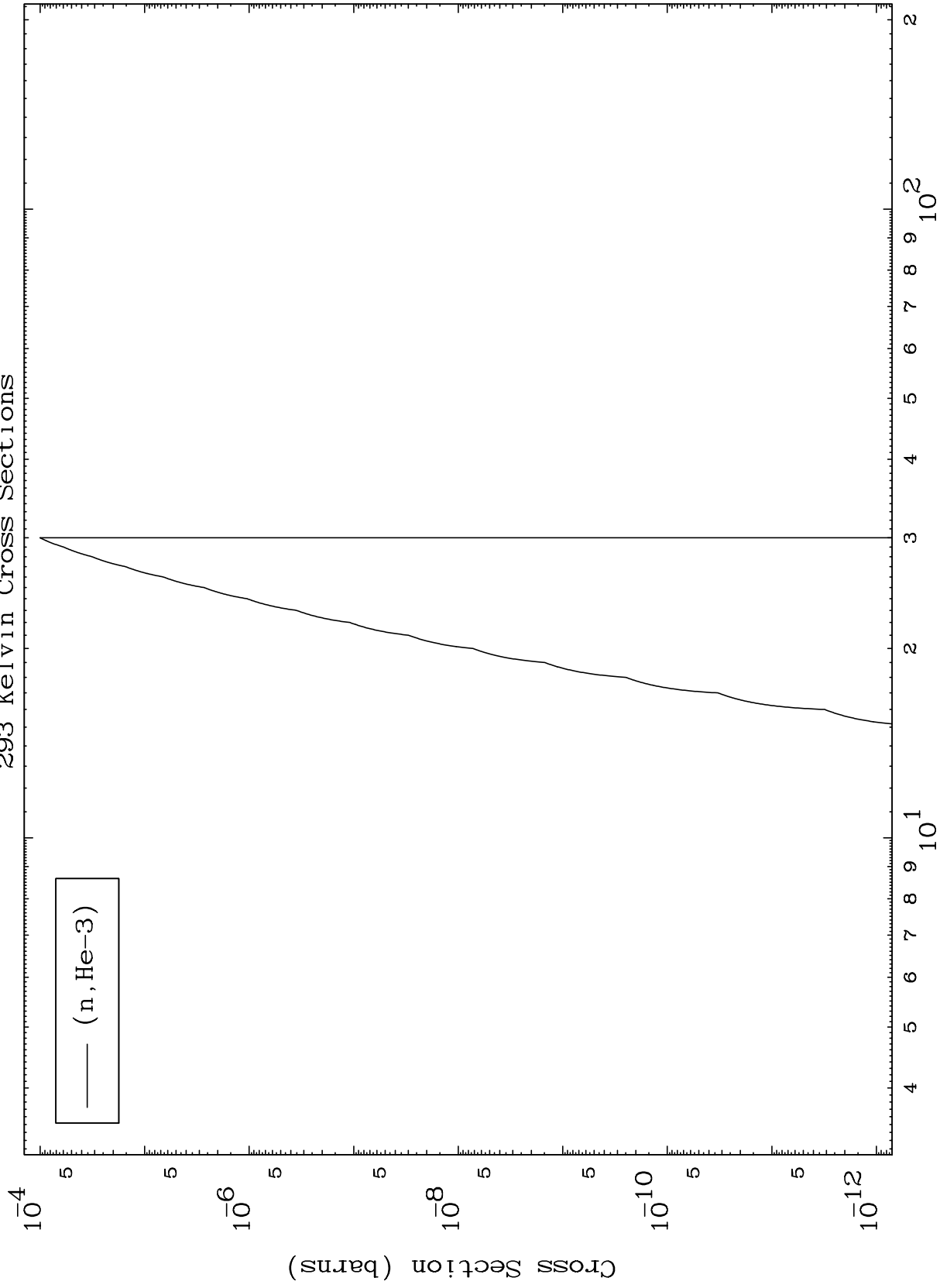
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-235



14

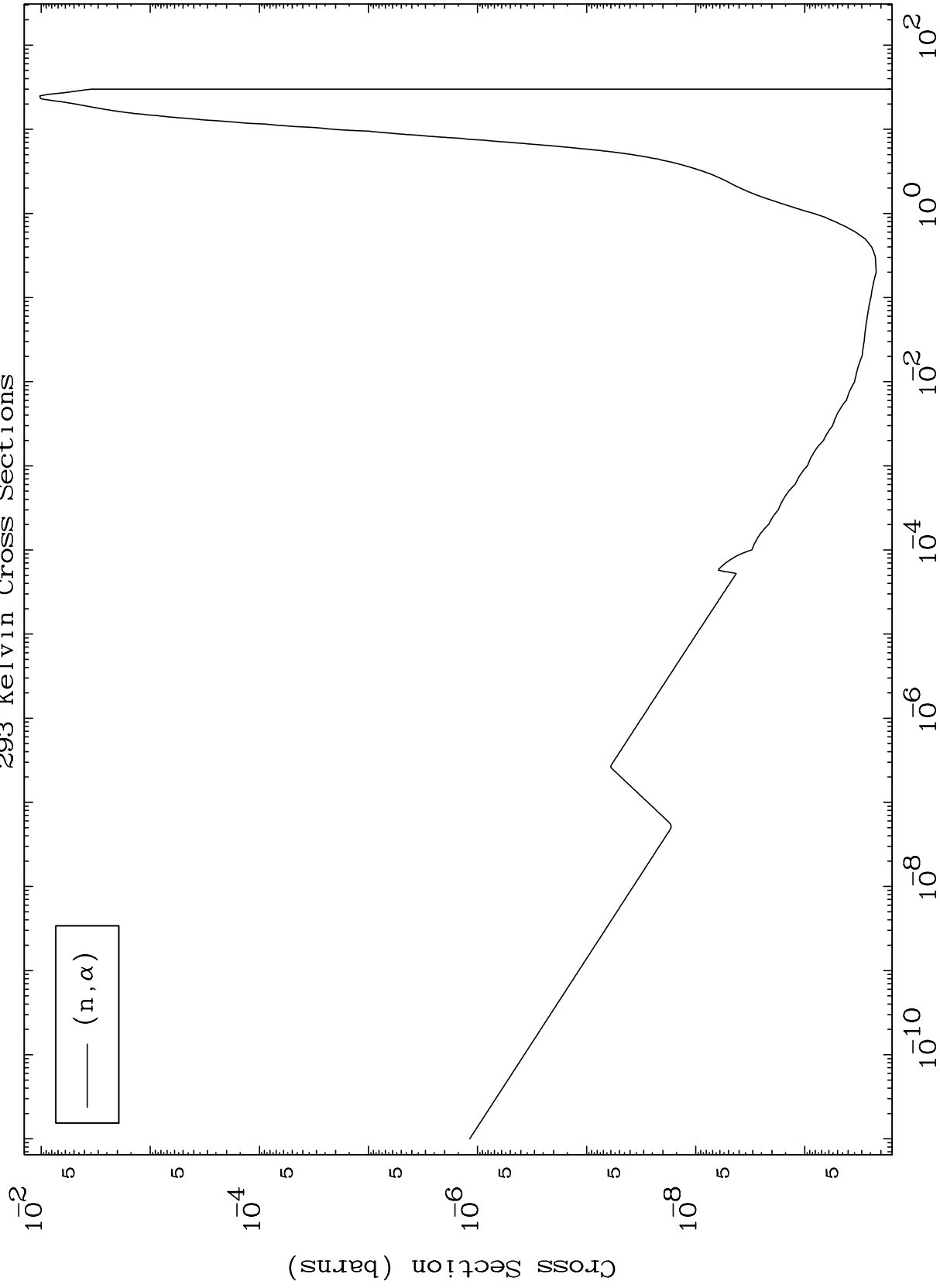
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,α) Levels  
293 Kelvin Cross Sections

93-Np-235

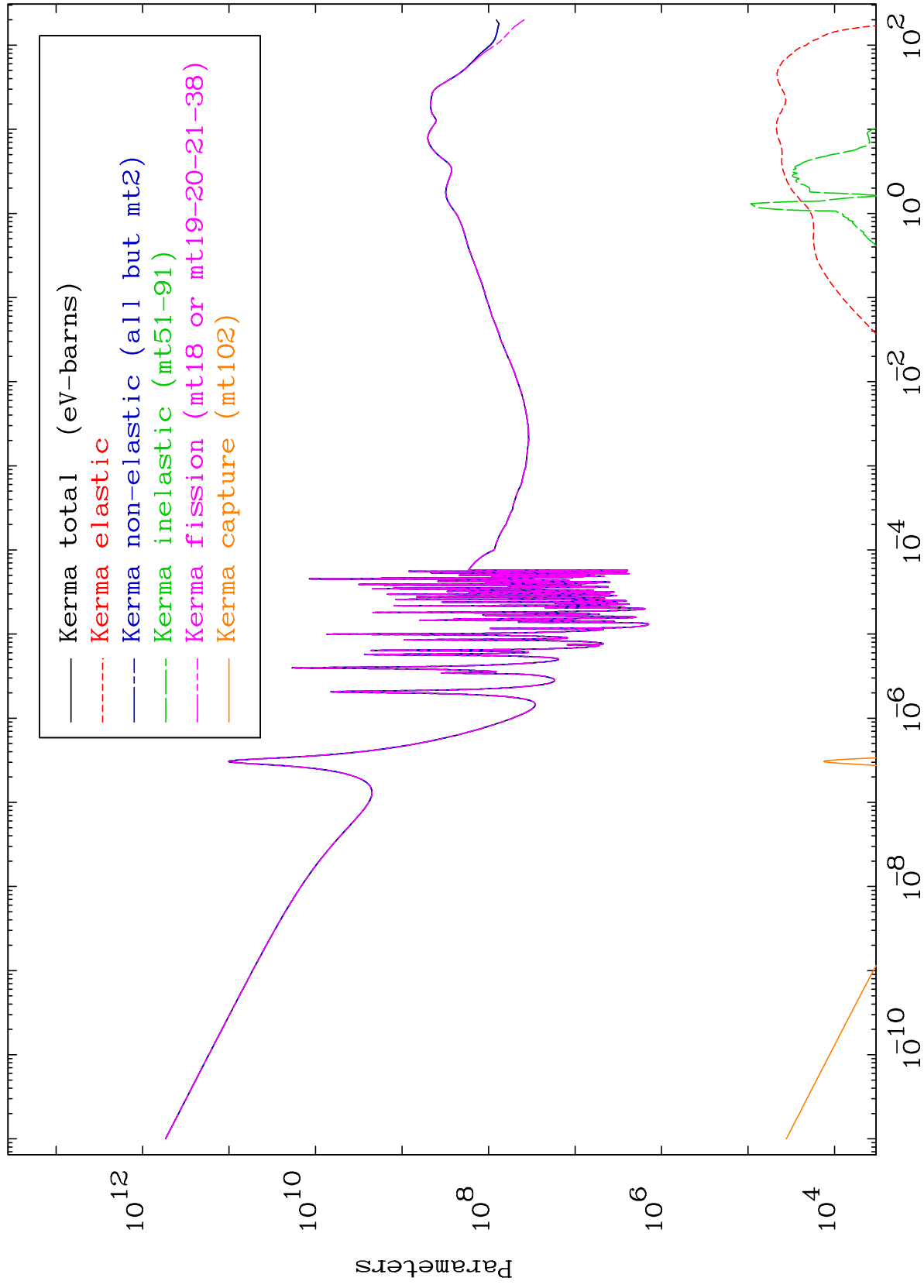


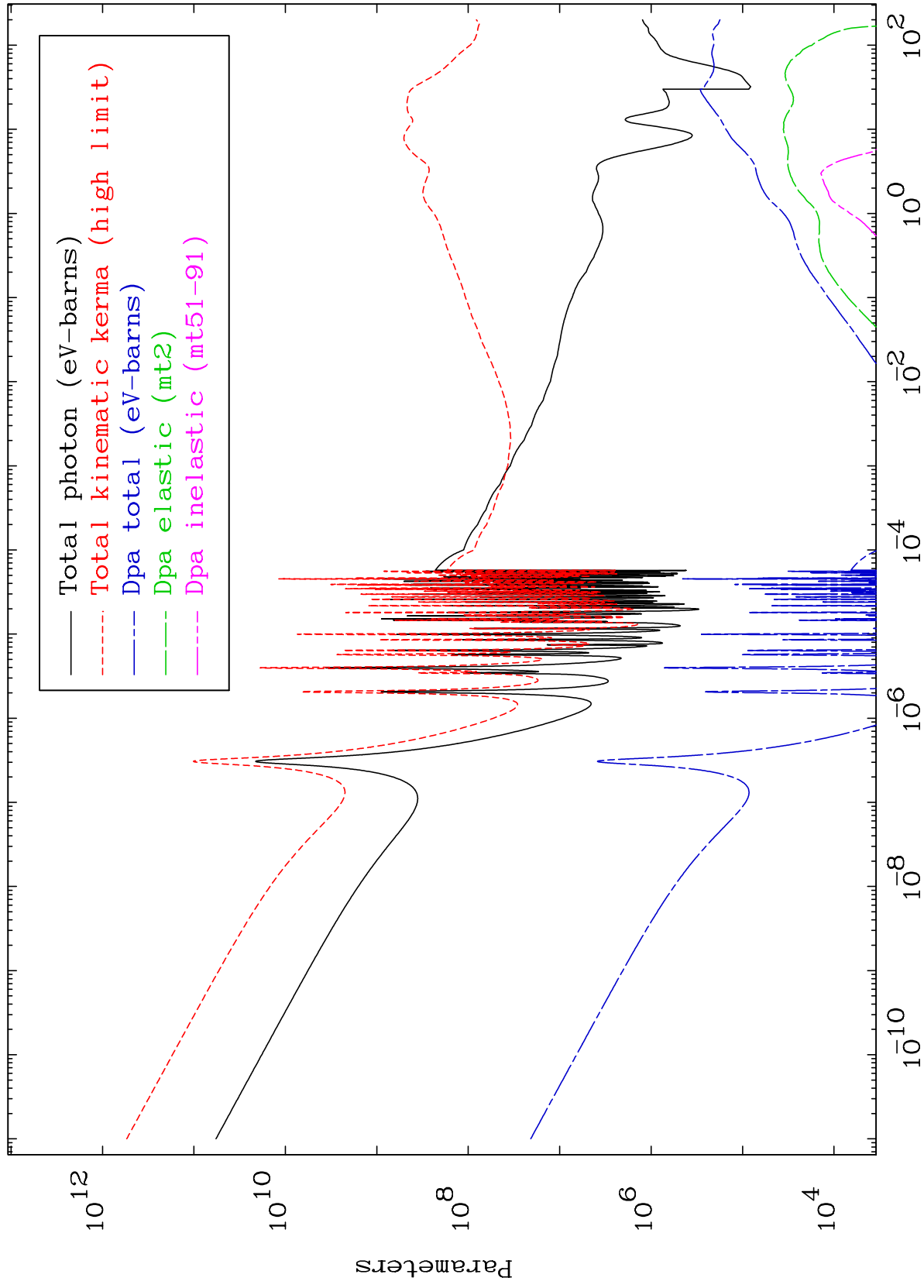
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Incident Energy (MeV)

93-Np-235



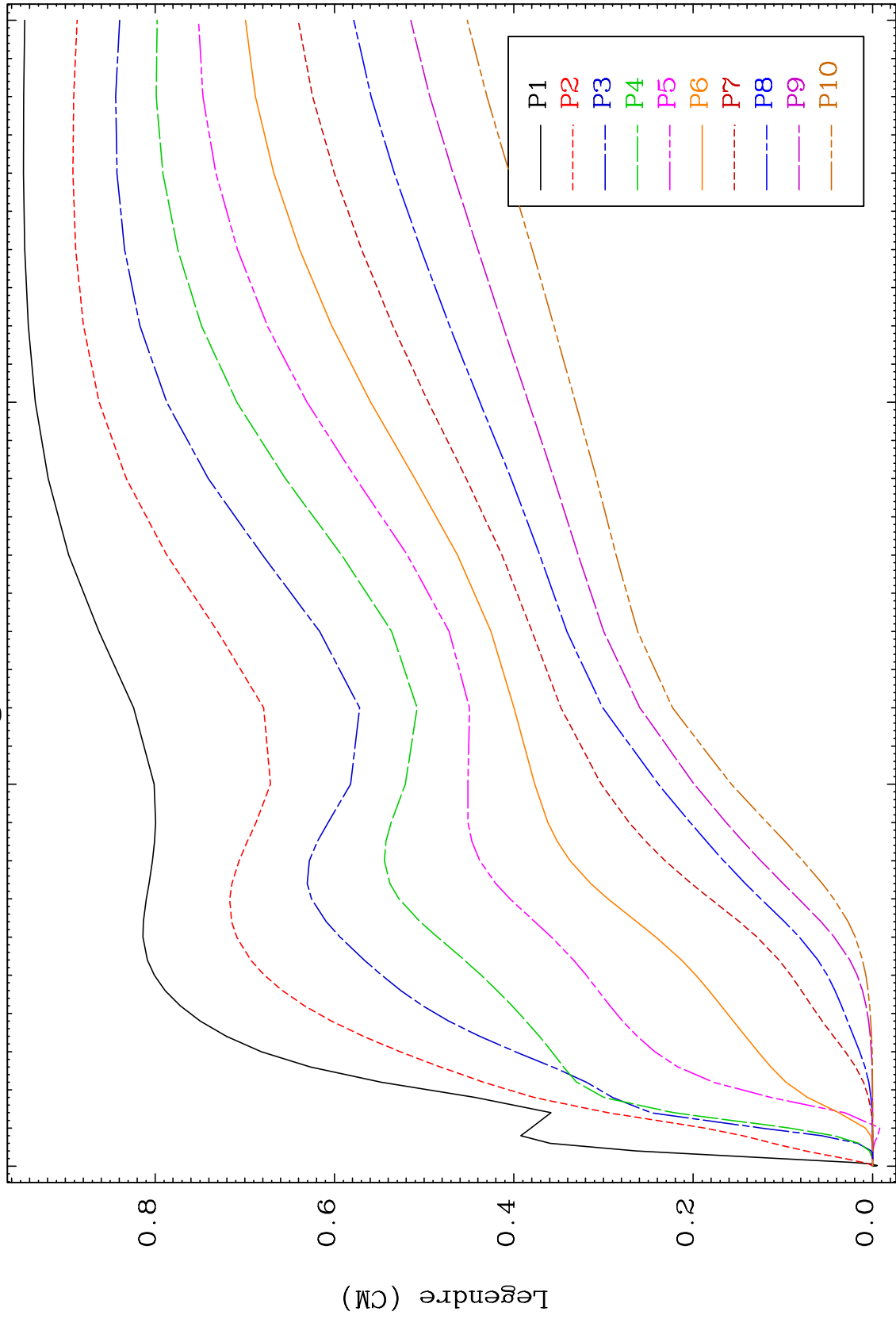




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Elastic Legendre Coefficients

93-Np-235



18

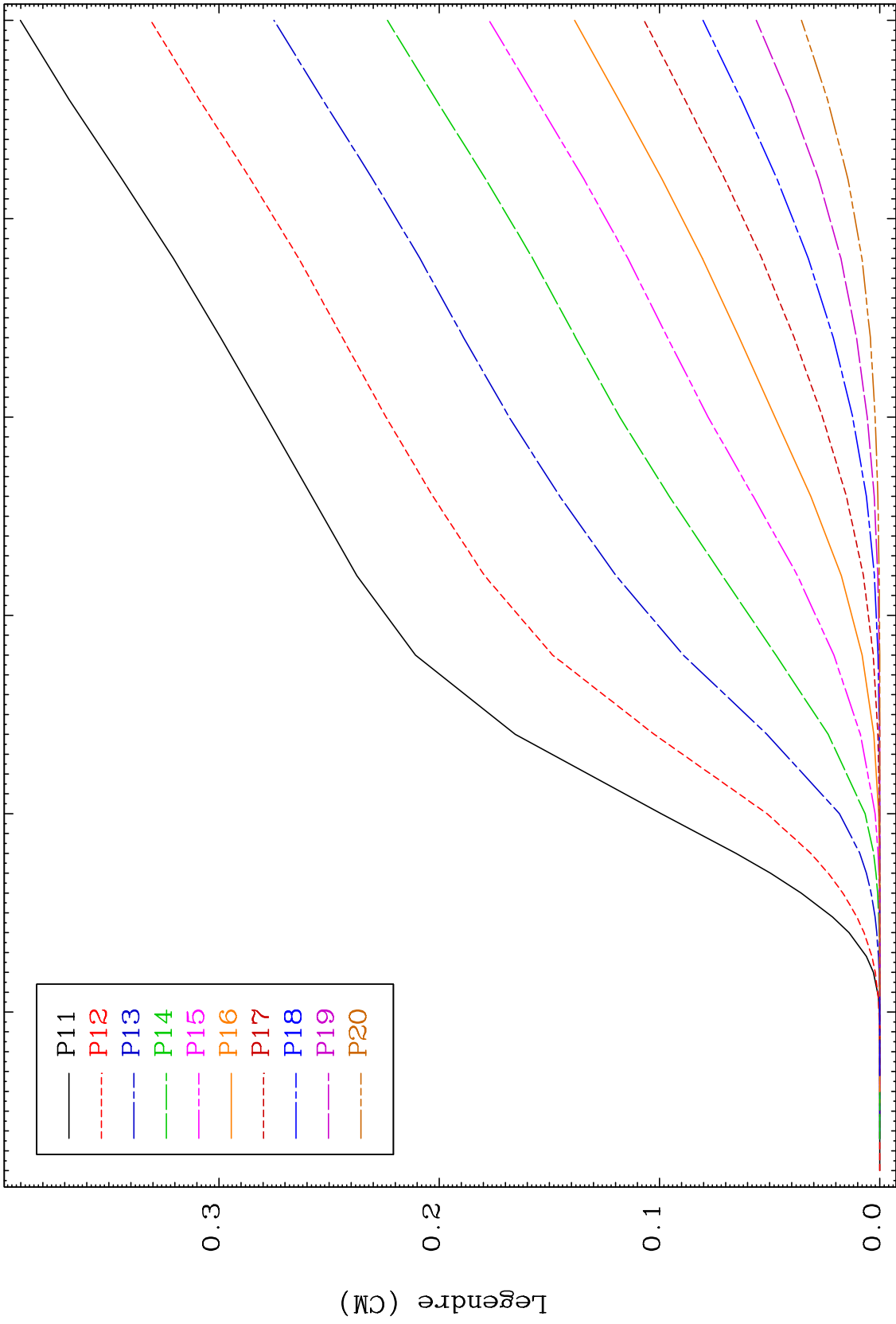
Incident Energy (MeV)

93-Np-235

MAT 9340

Elastic Legendre Coefficients

93-Np-235



19

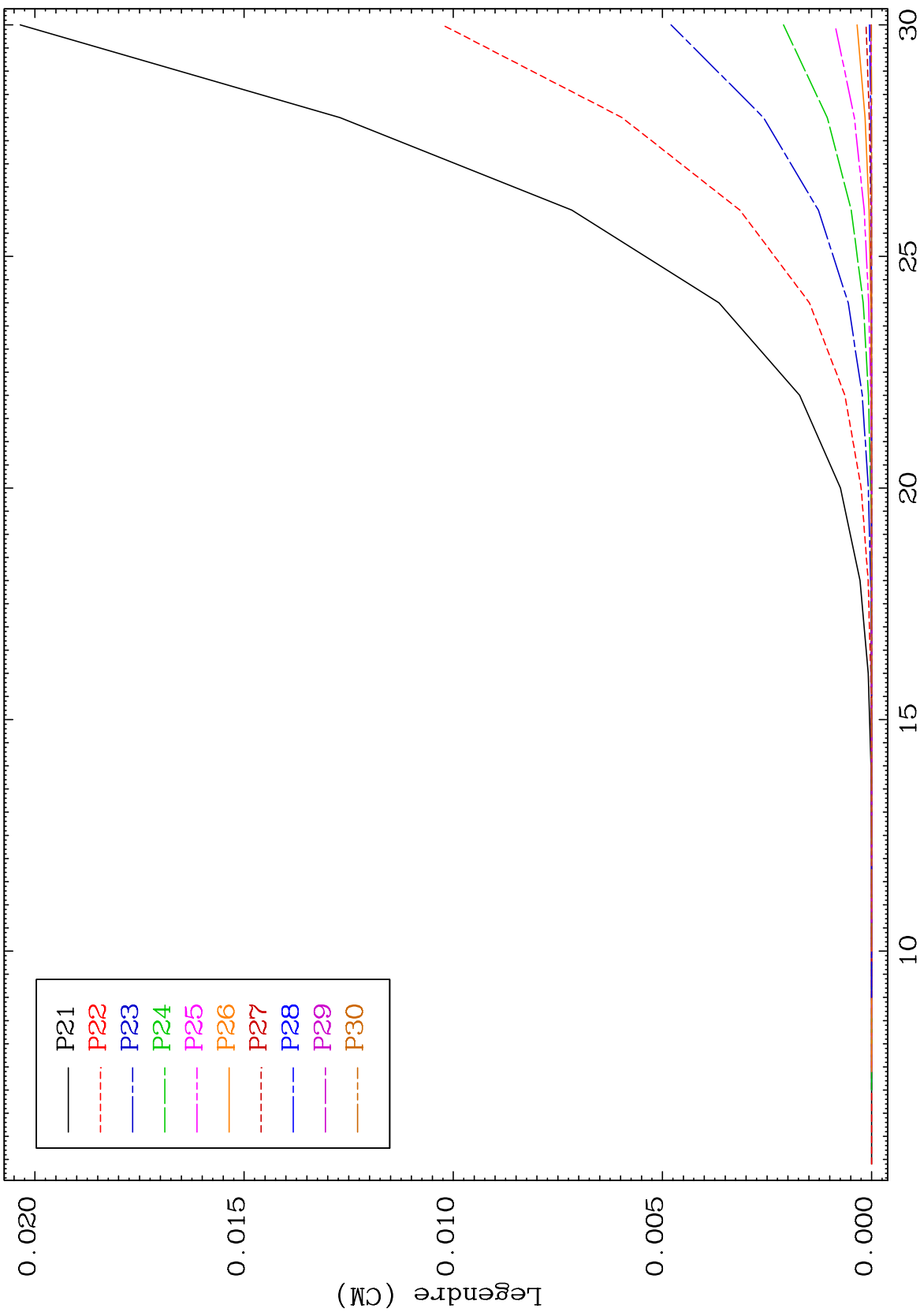
Incident Energy (MeV)

93-Np-235

MAT 9340

Elastic Legendre Coefficients

93-Np-235



20

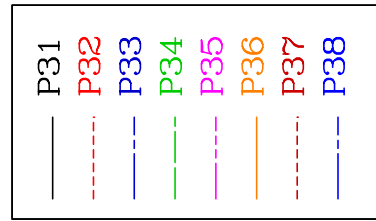
Incident Energy (MeV)

93-Np-235

MAT 9340

Elastic Legendre Coefficients

93-Np-235



$\times 10^{-6}$

Legendre (CM)

1.5

1.0

0.5

0.0

15

20

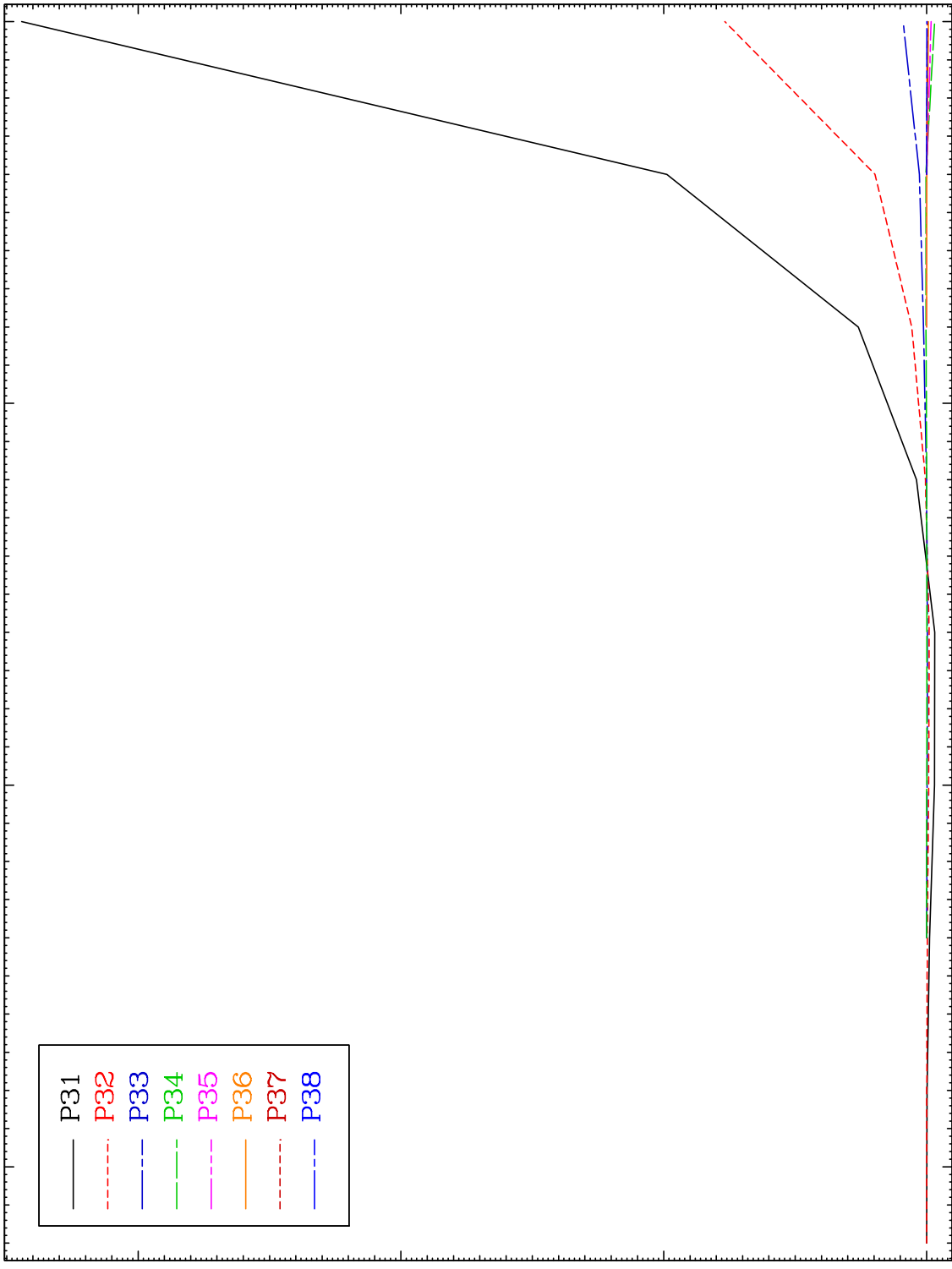
25

30

21

Incident Energy (MeV)

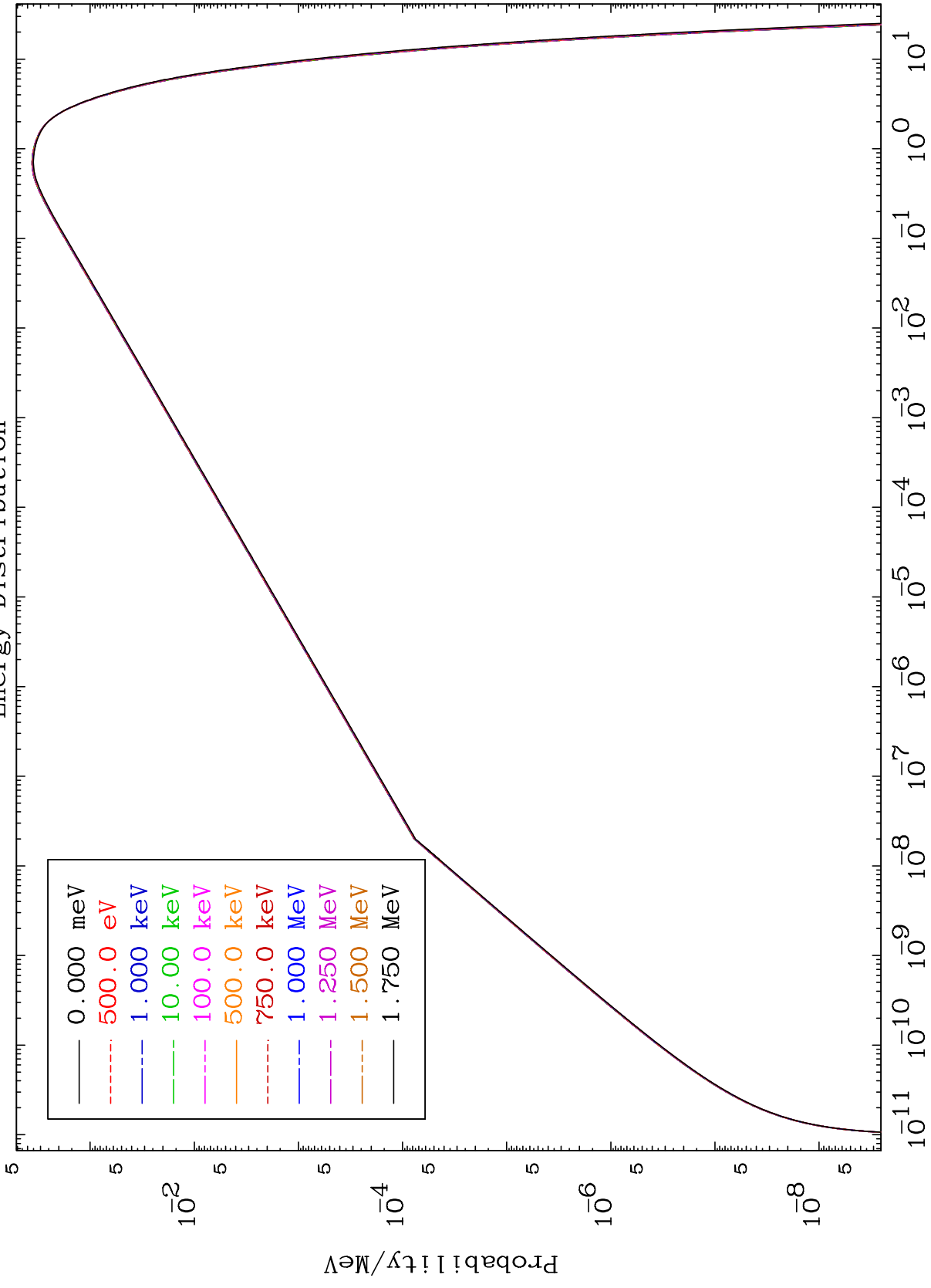
93-Np-235



MAT 9340

### Fission Energy Distribution

93-Np-235

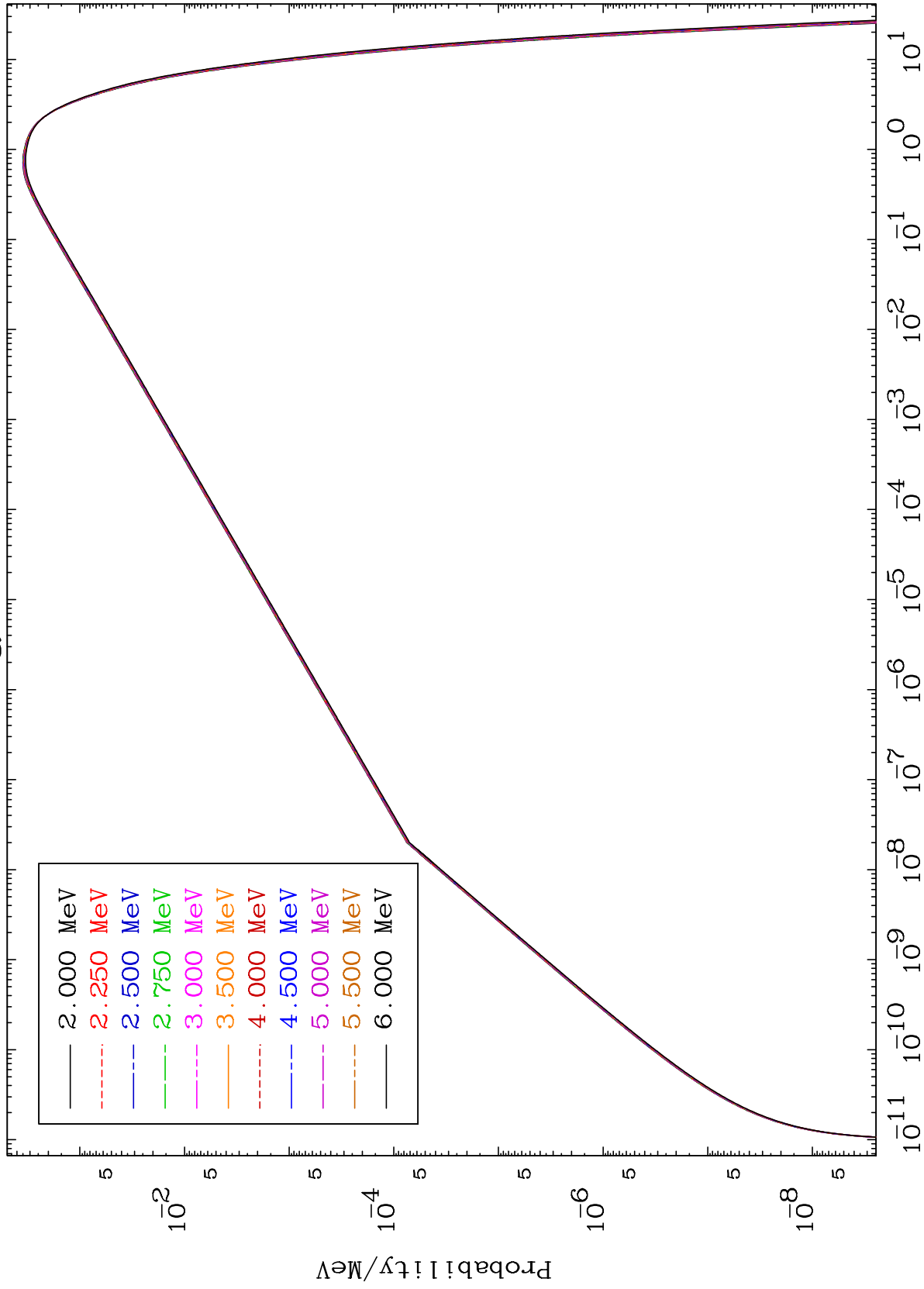


93-Np-235

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# Fission Energy Distribution

93-Np-235



23

Secondary Energy (MeV)

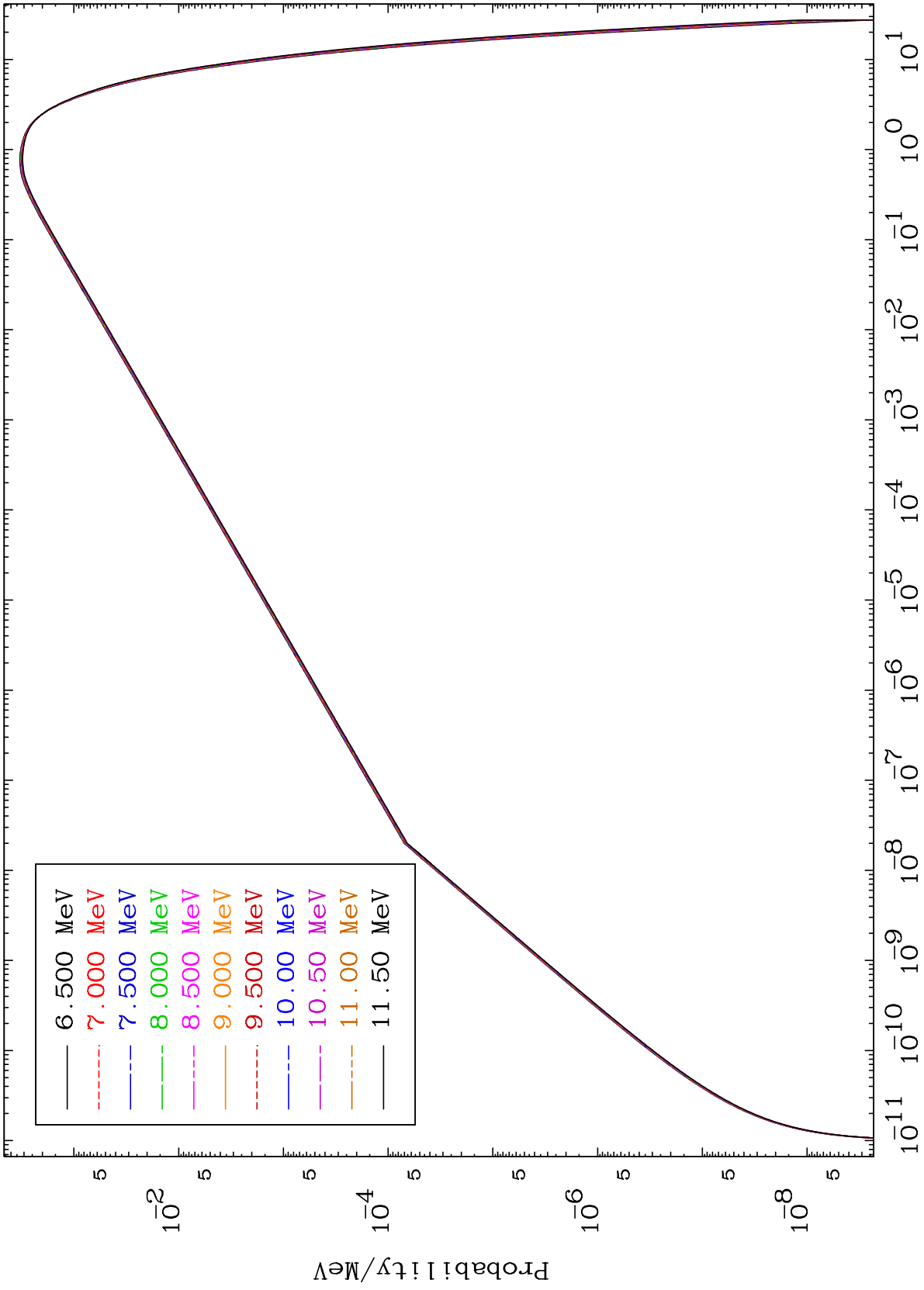
93-Np-235



MAT 9340

### Fission Energy Distribution

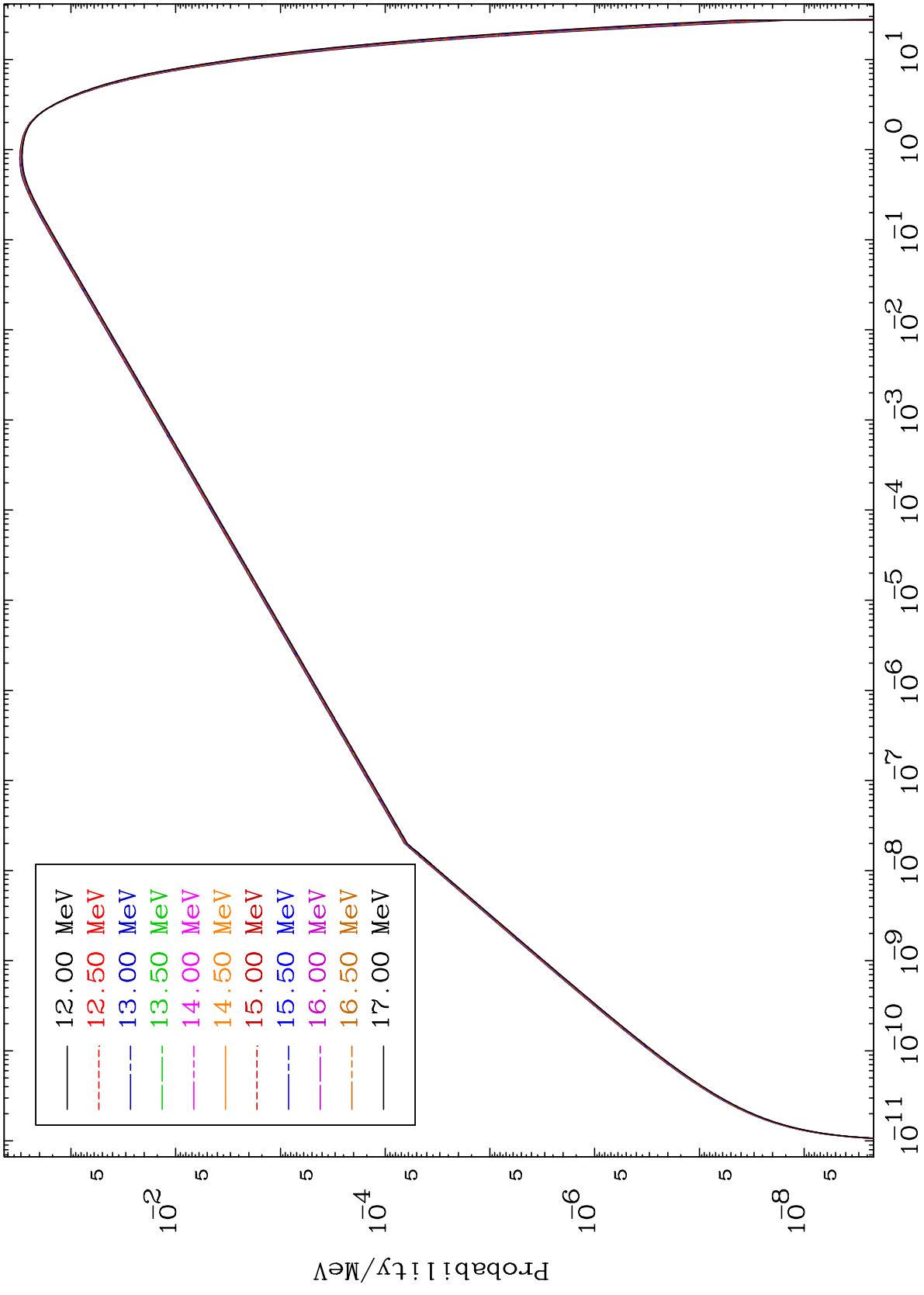
93-Np-235



MAT 9340

### Fission Energy Distribution

93-Np-235

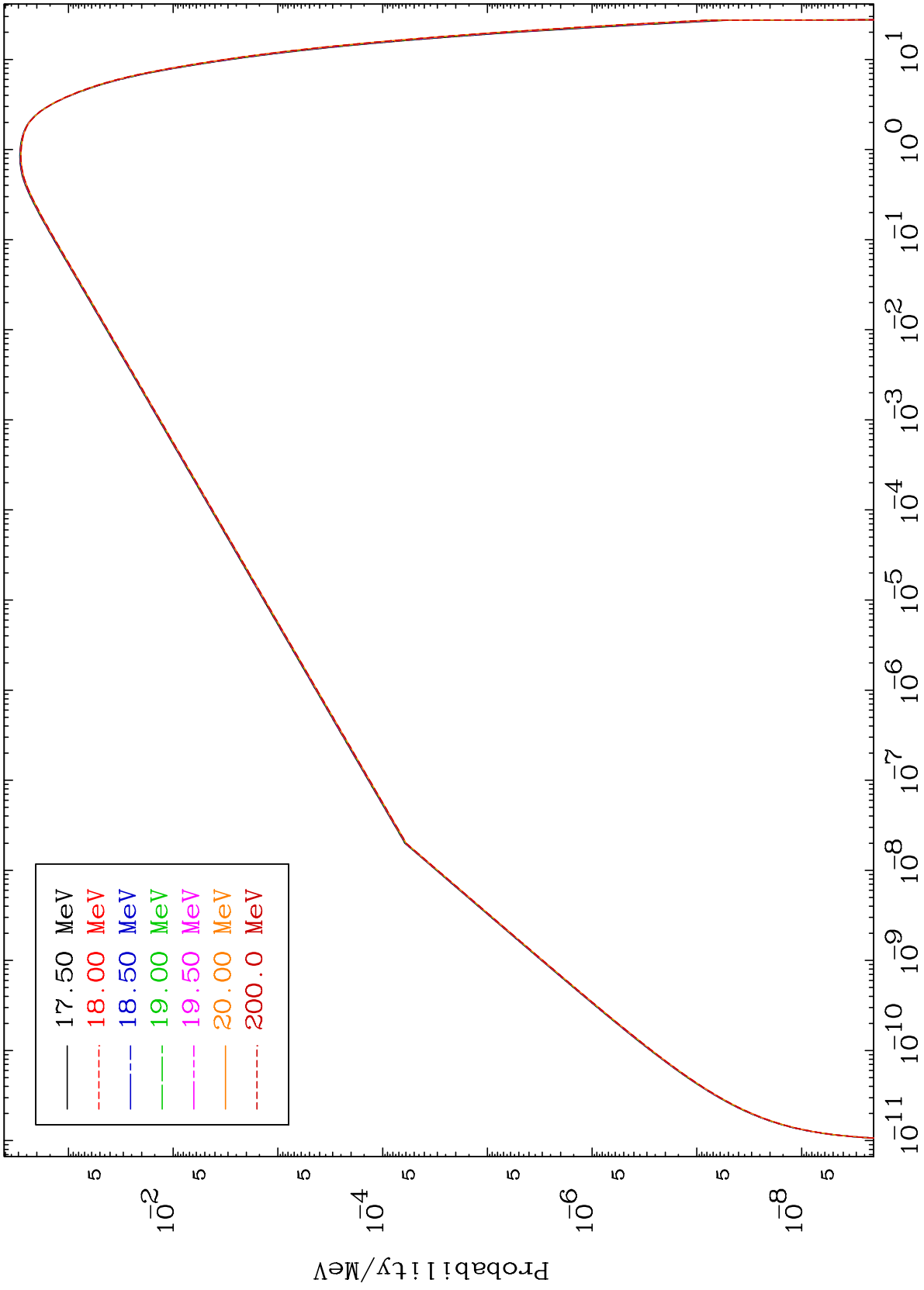


93-Np-235

MAT 9340

# Fission Energy Distribution

93-Np-235

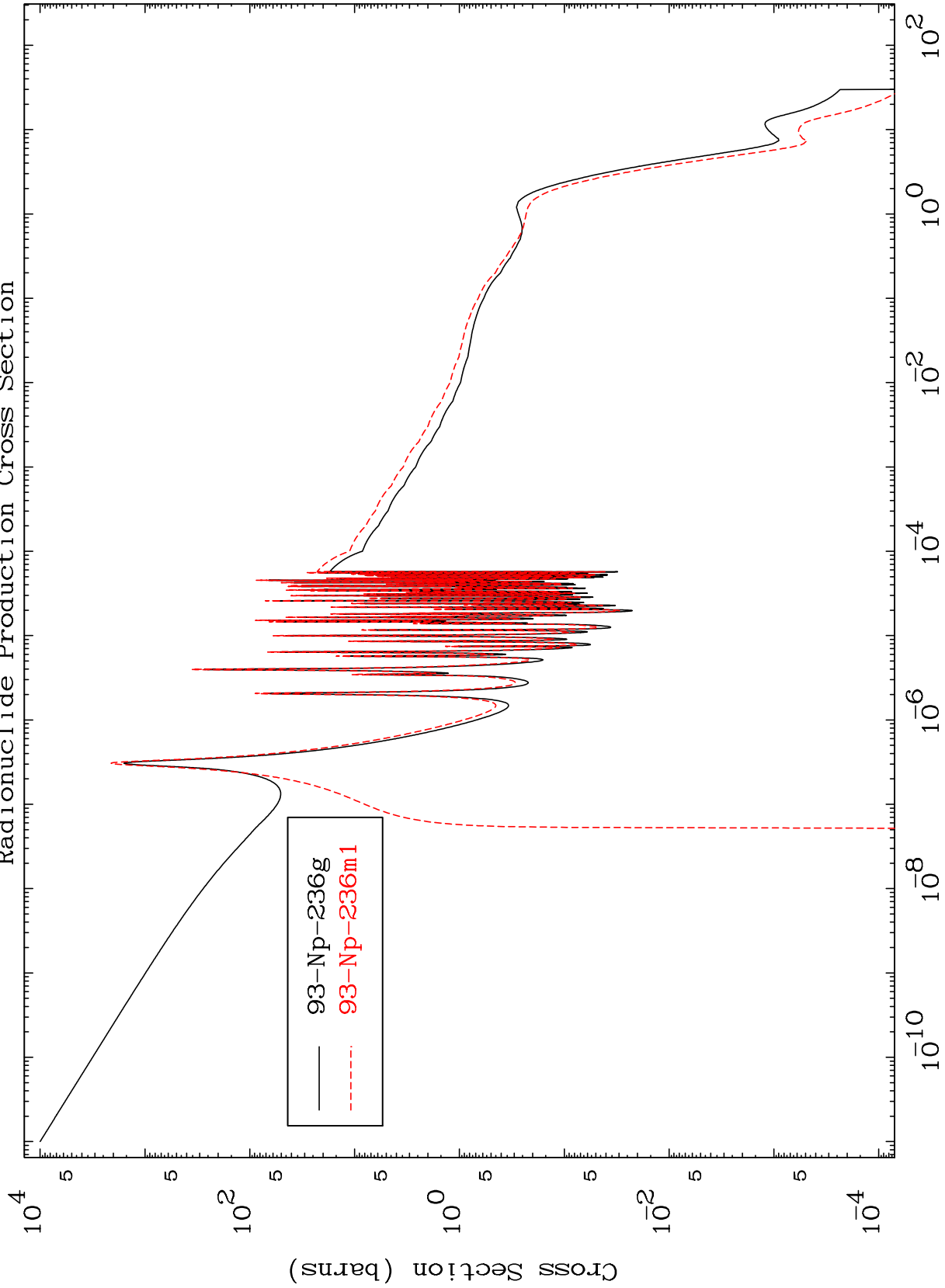


93-Np-235

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93-Np-235

Radionuclide Production Cross Section (n,γ)

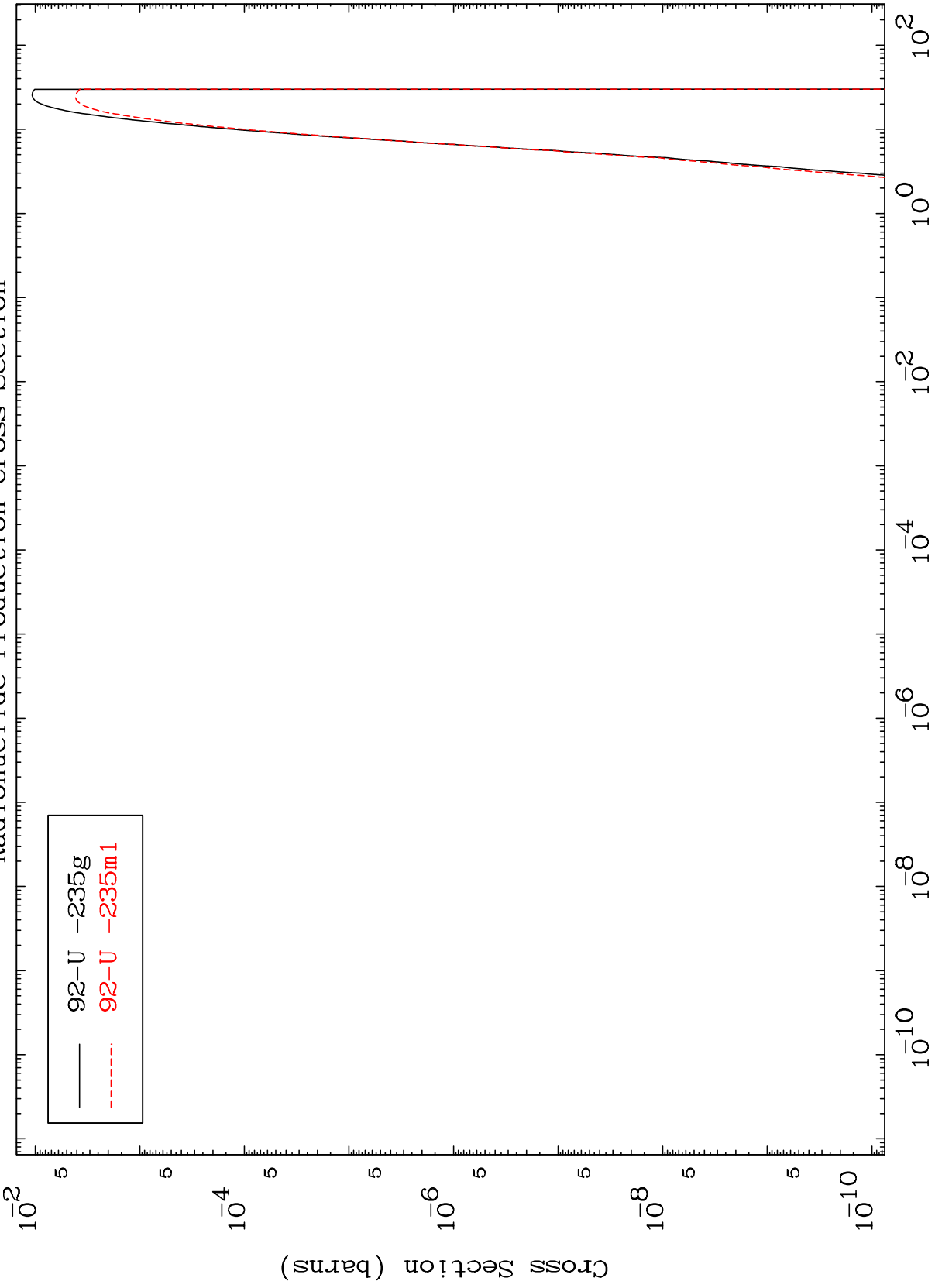


MAT 9340

(n,p)

93-Np-235

Radionuclide Production Cross Section

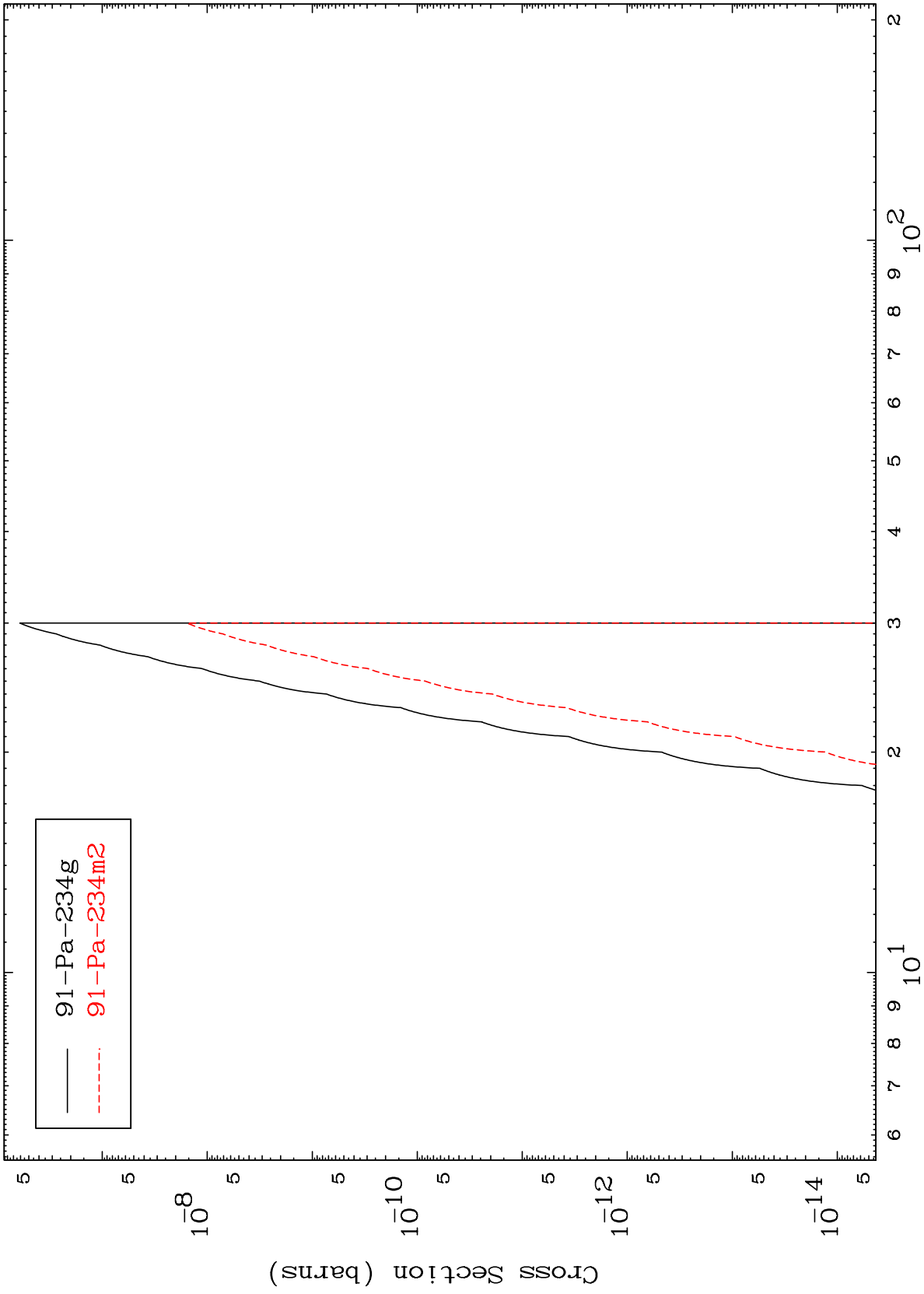


92-U -235g  
92-U -235m1

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93-Np-235

Radionuclide Production Cross Section (n,2p)



29

93-Np-235