

Program EVALPLOT
(Version 2021-1)

by

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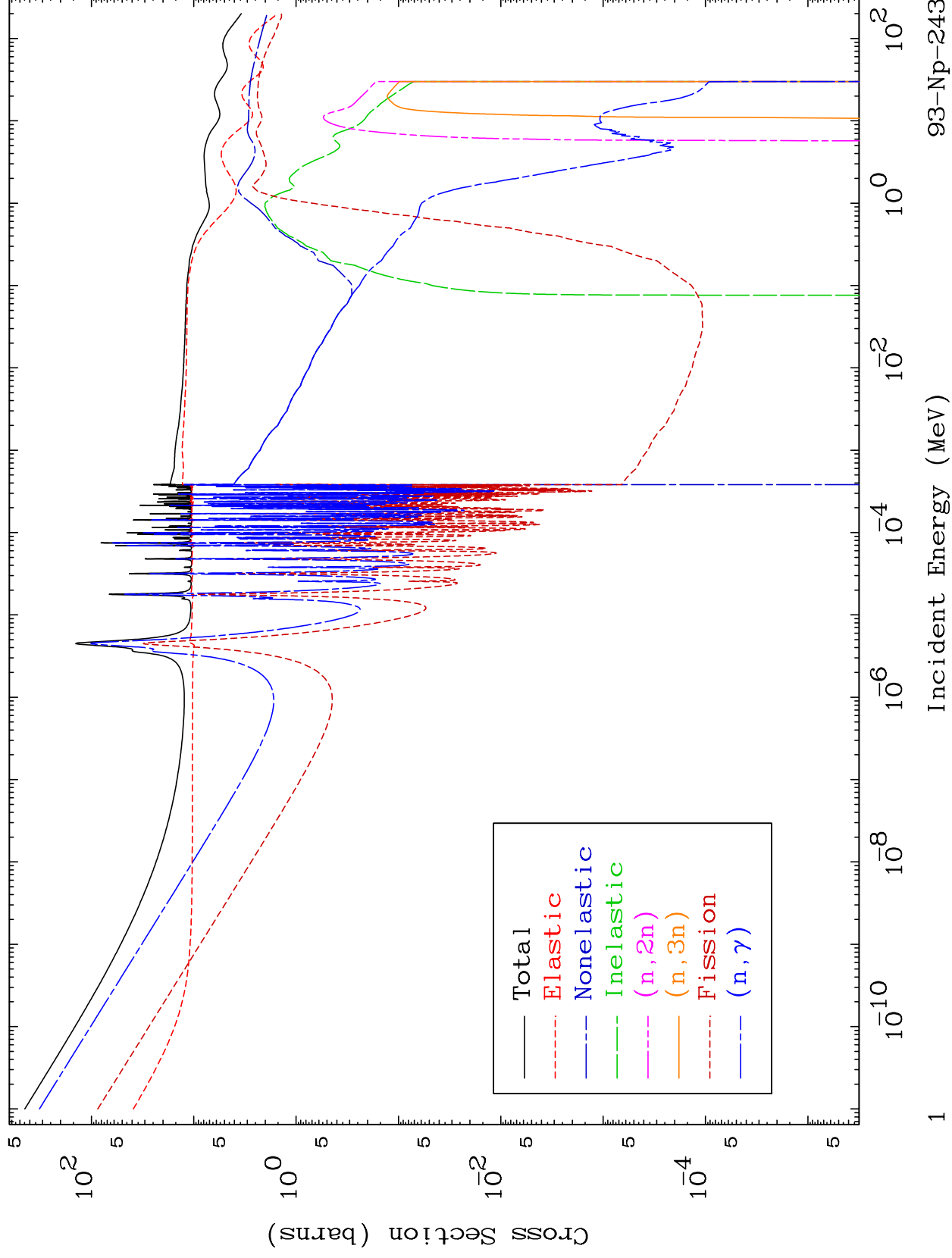
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Web:redcullen1.net/HOMEPAGE.NEW

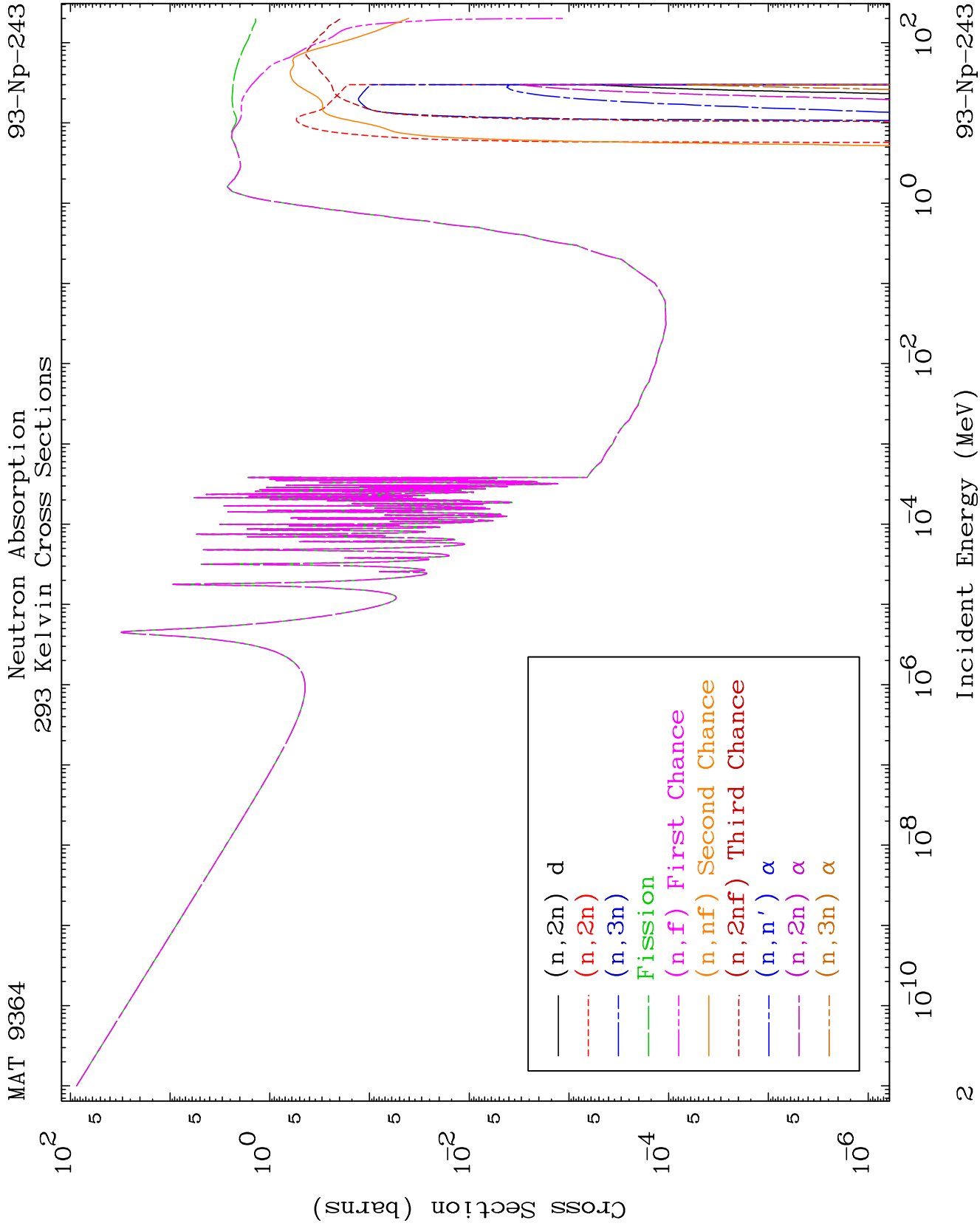
Press Mouse Button to Start

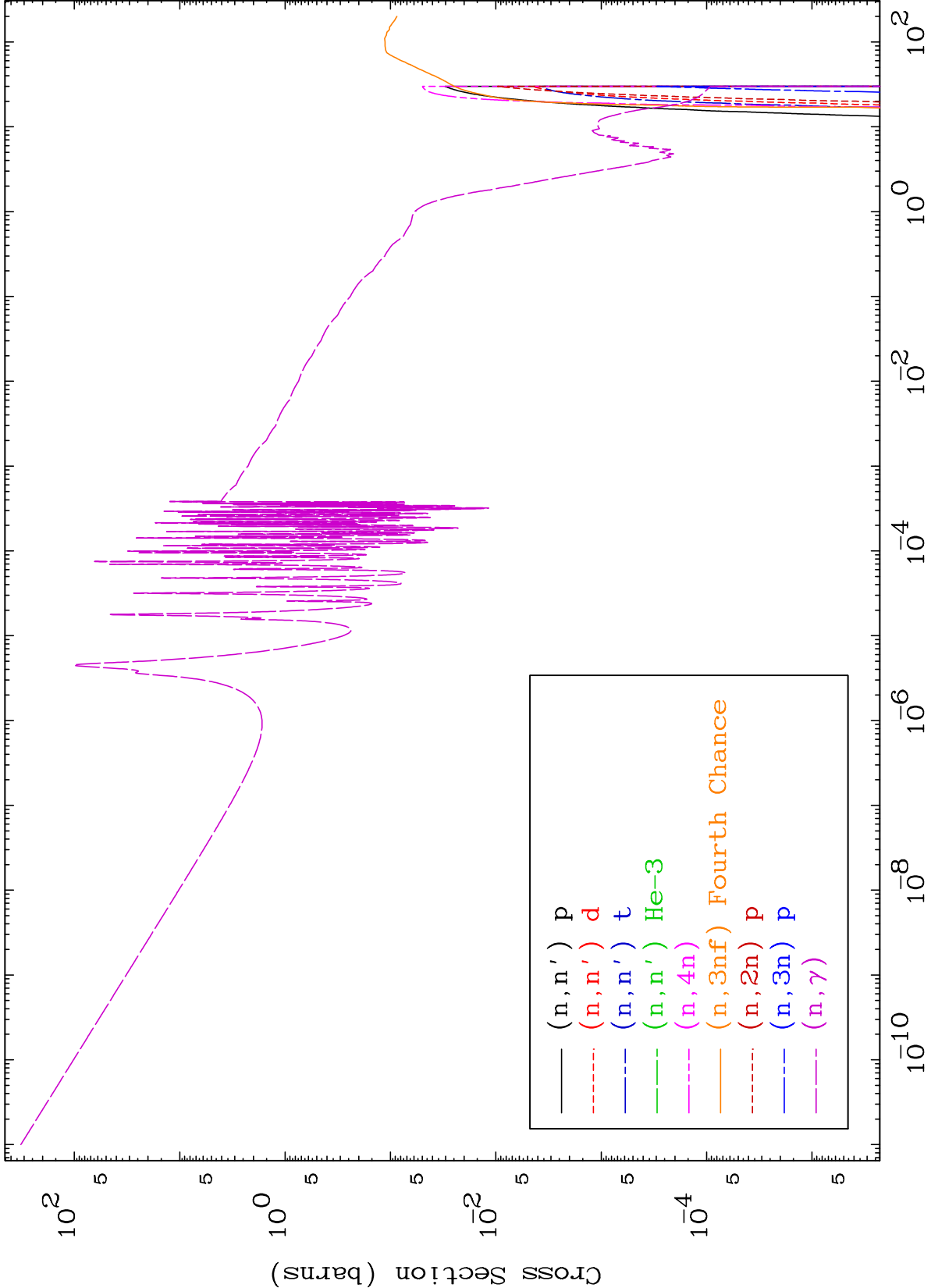
MAT 9364

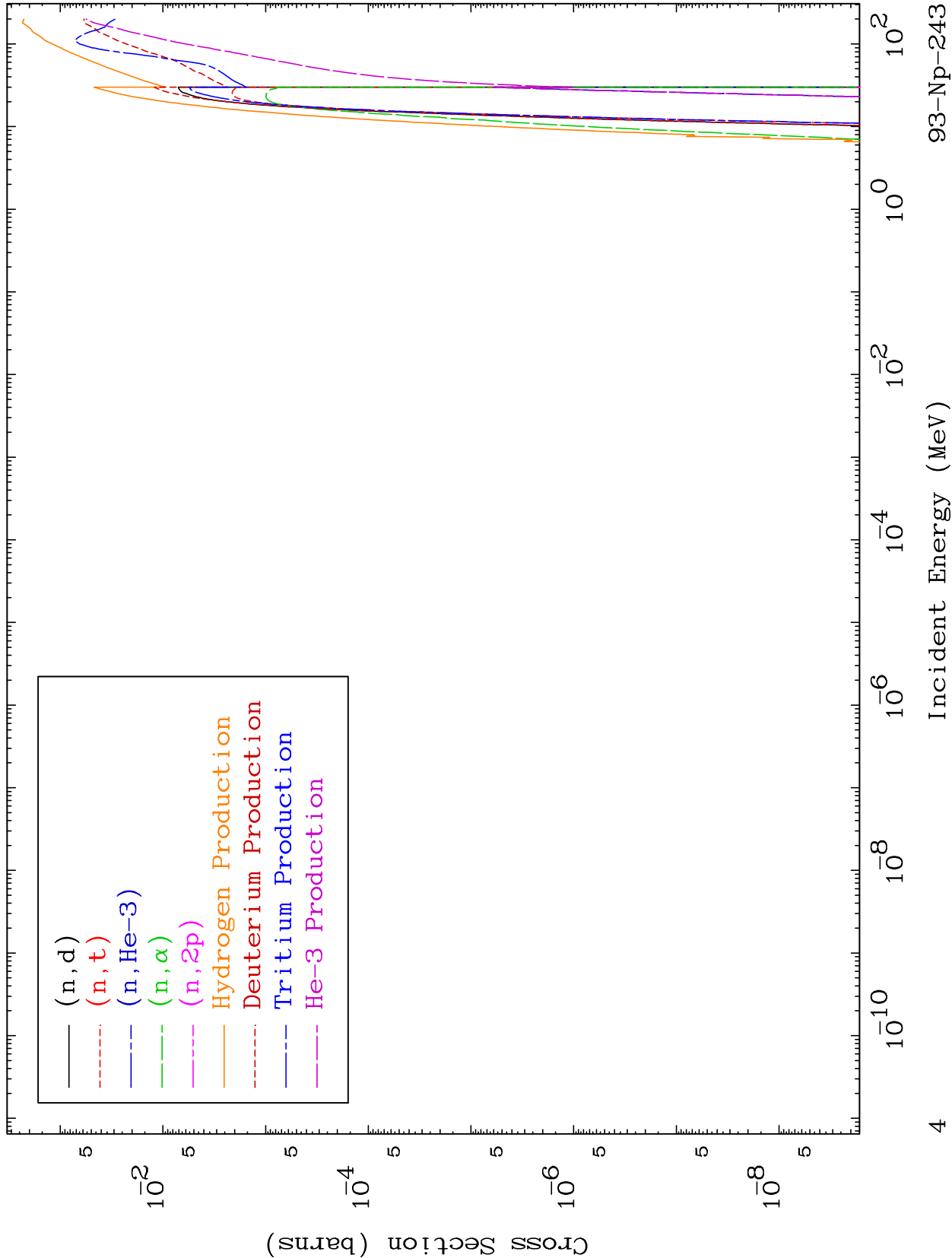
Neutron Major
293 Kelvin Cross Sections

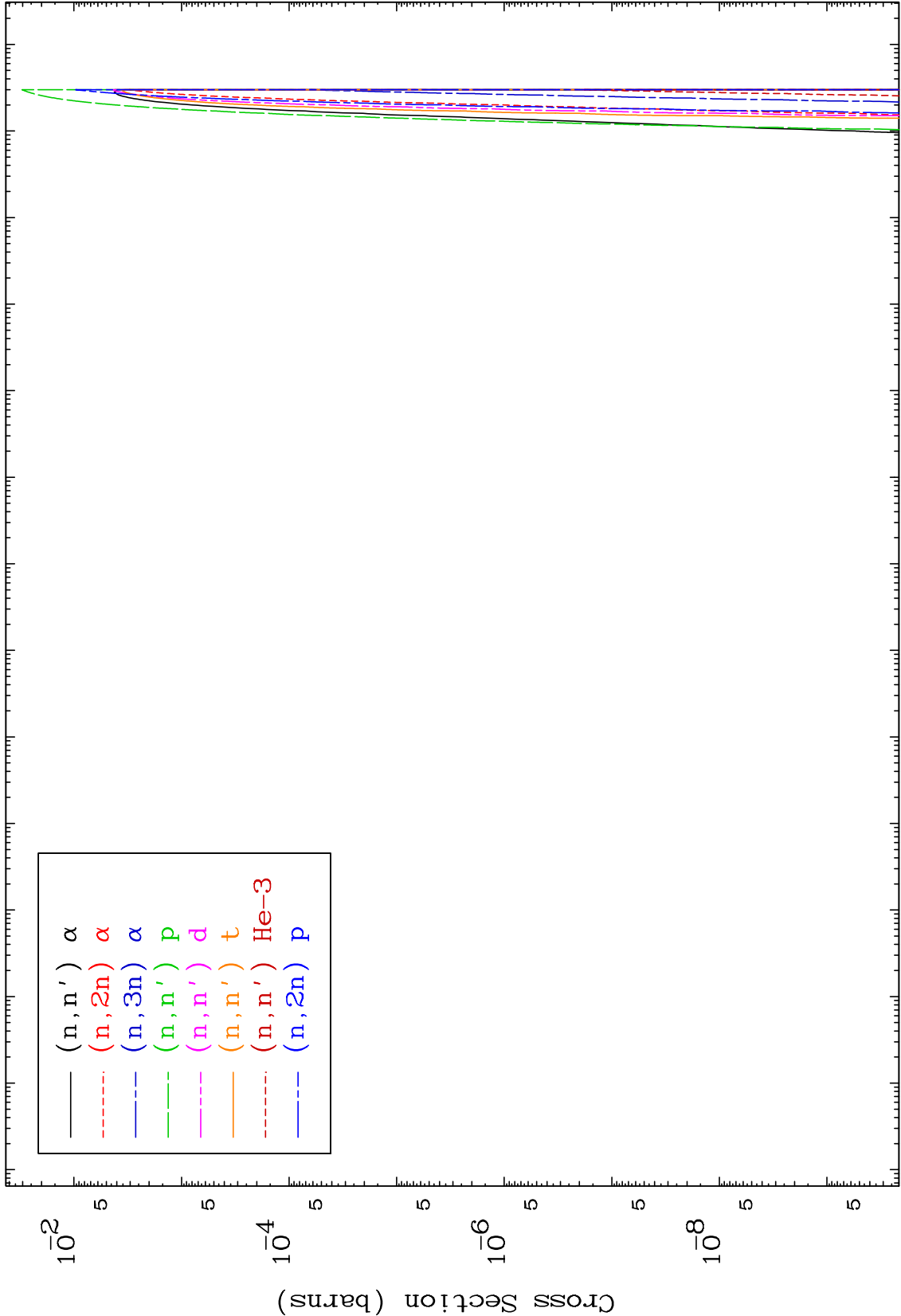
93-Np-243

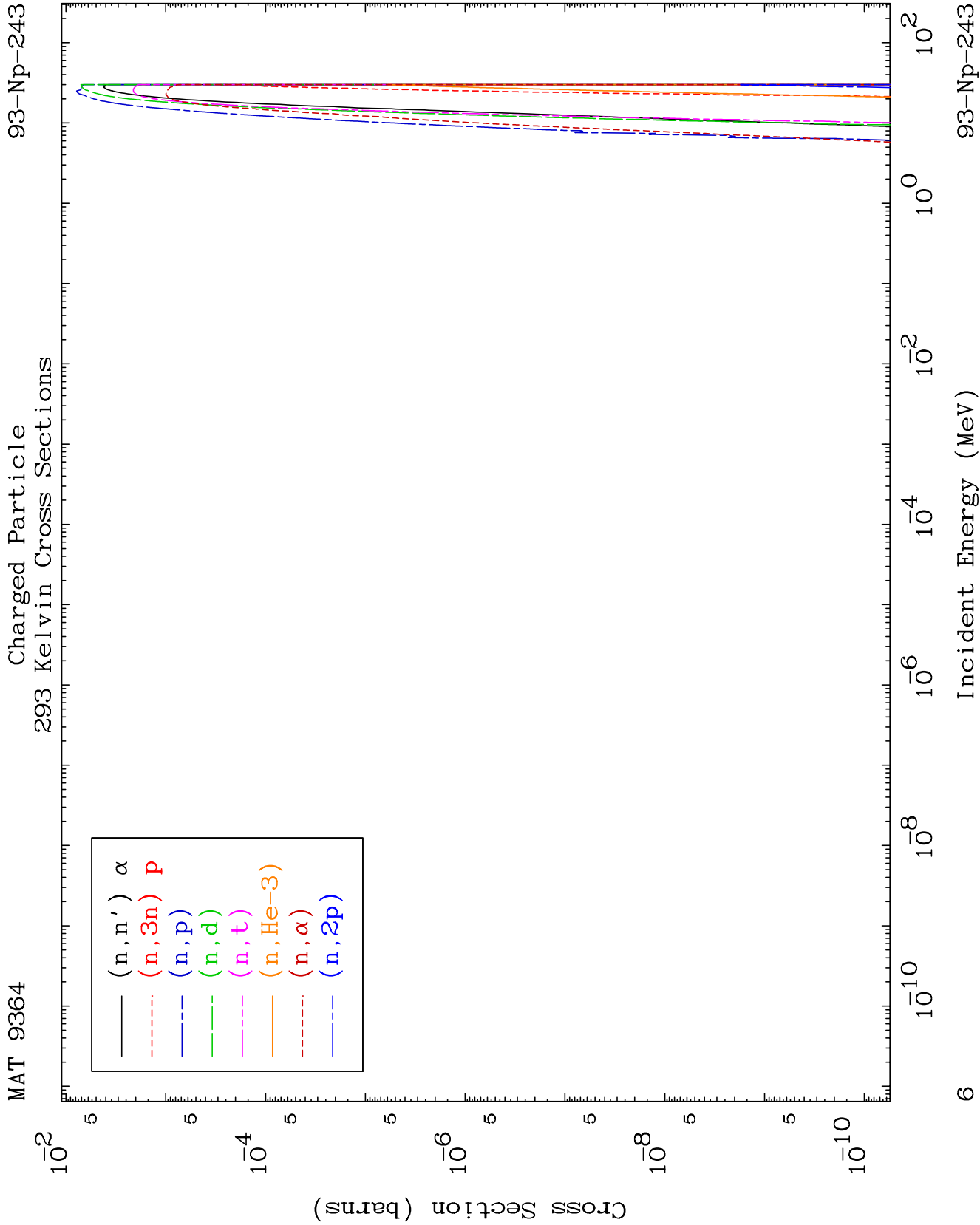


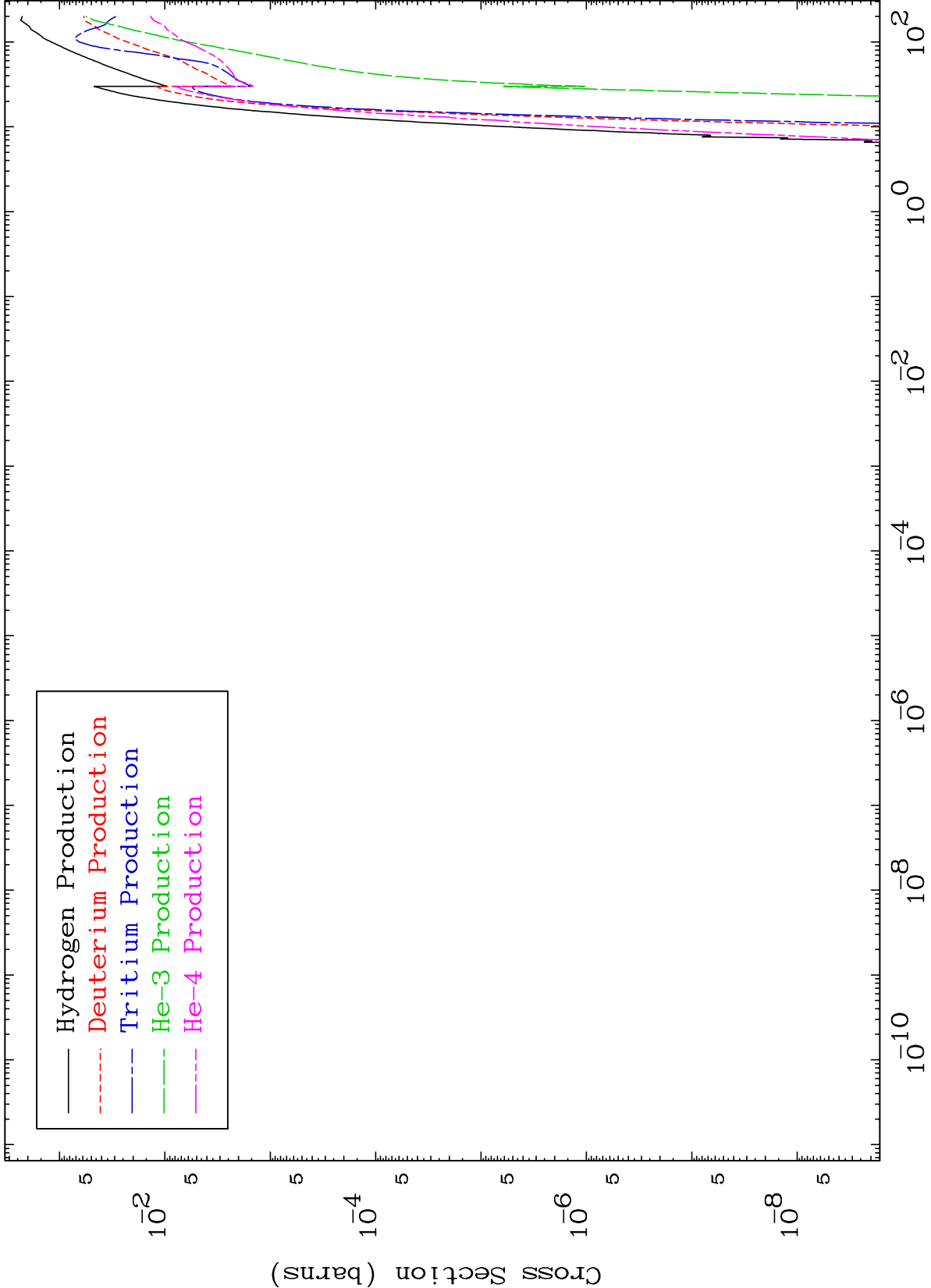


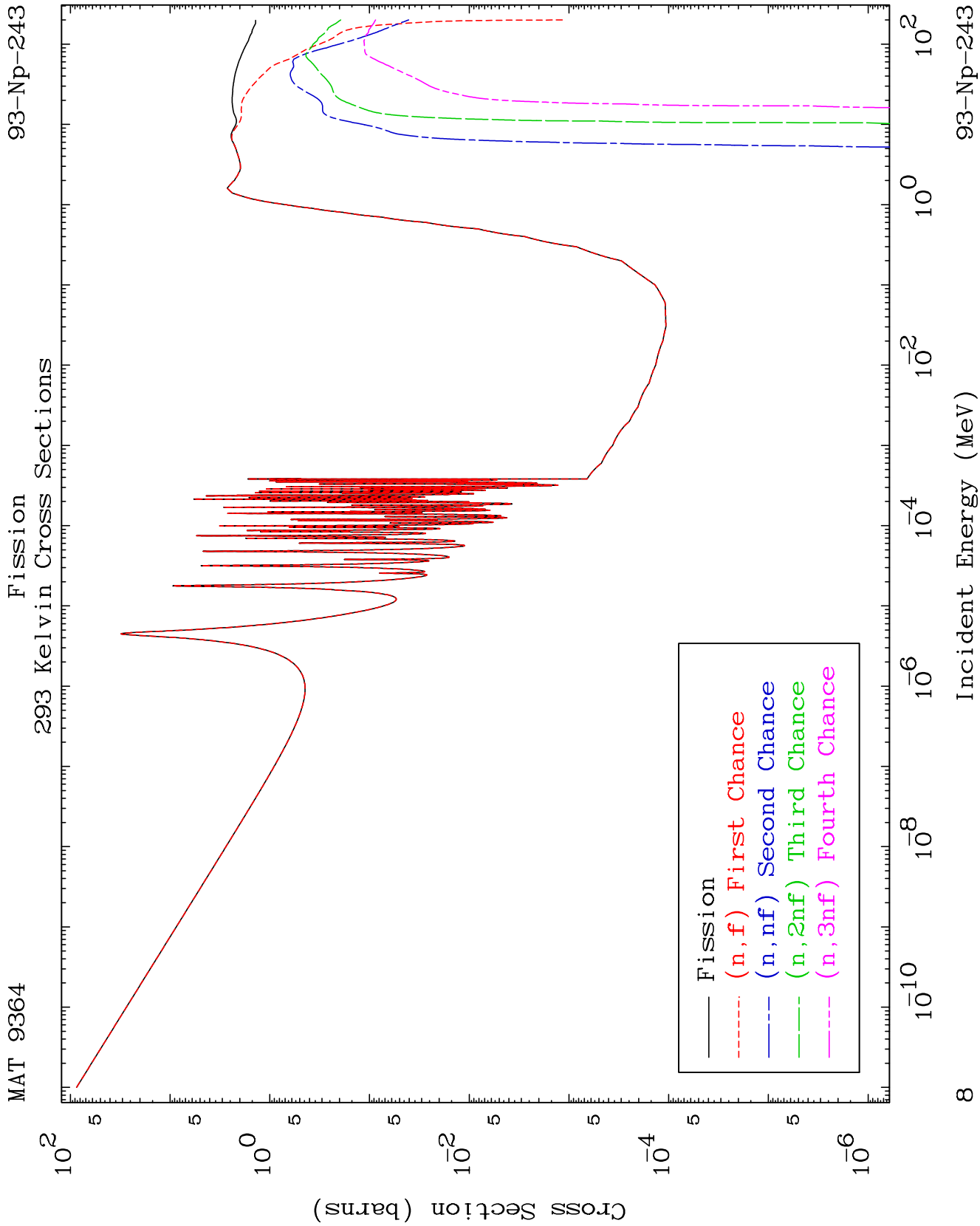


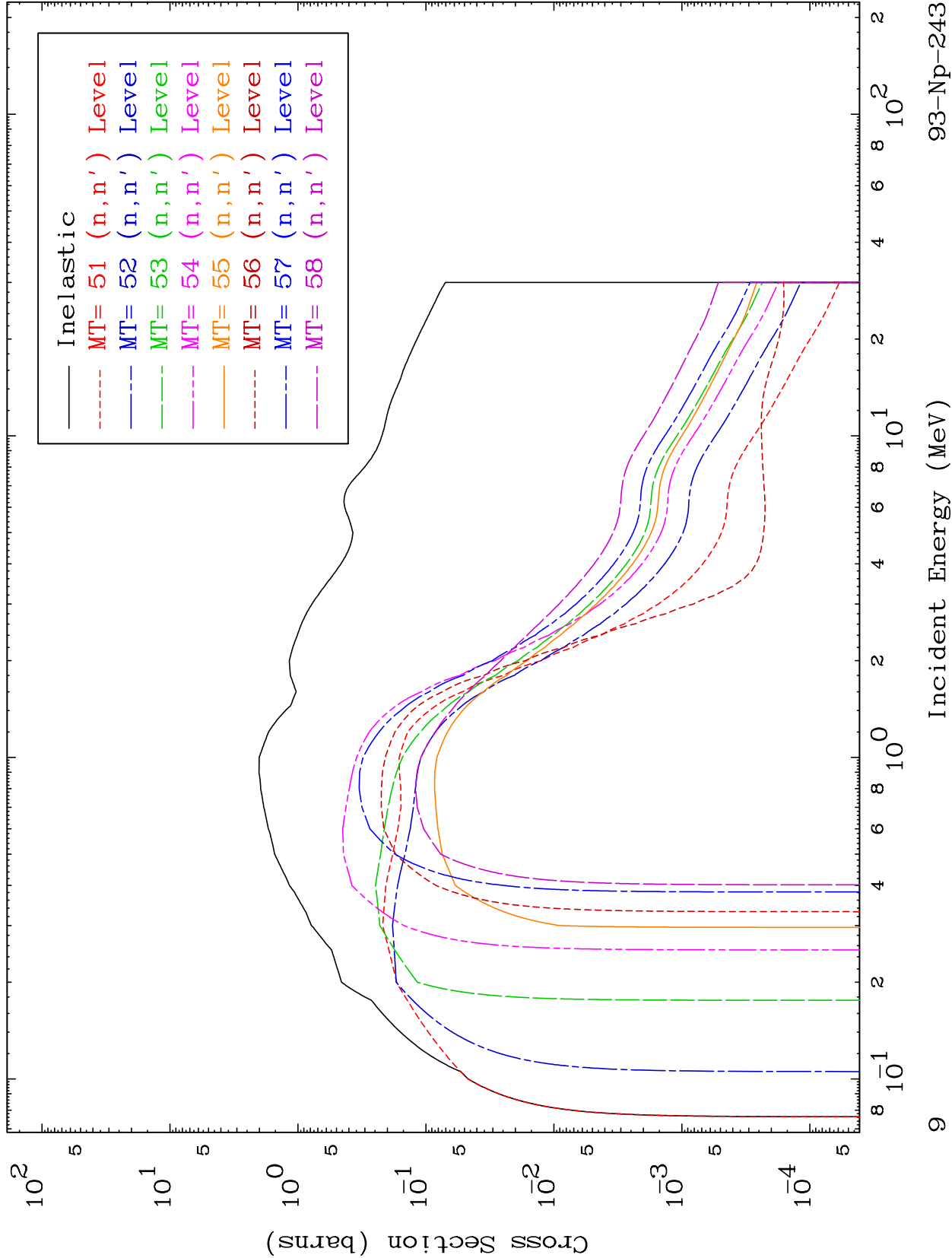


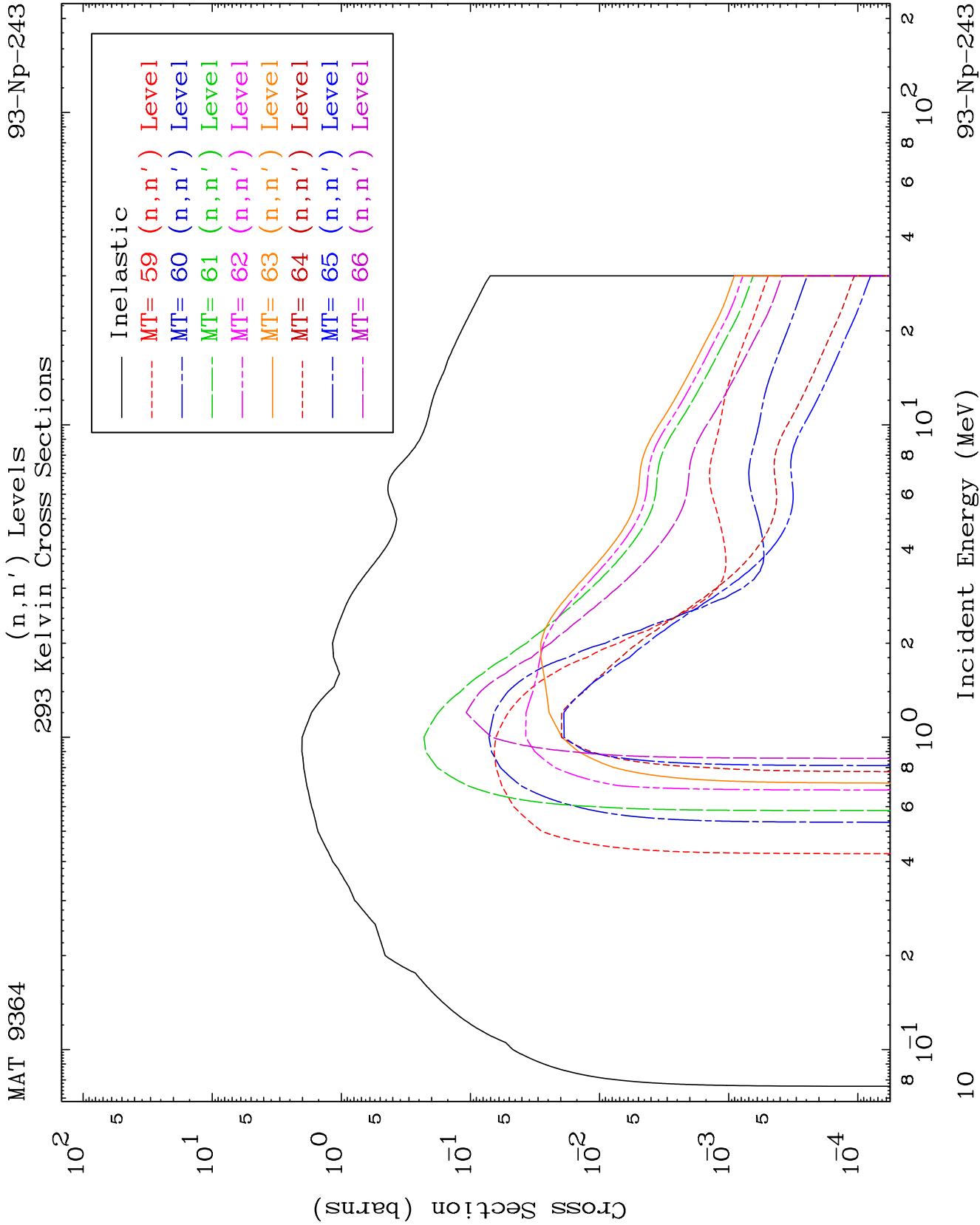


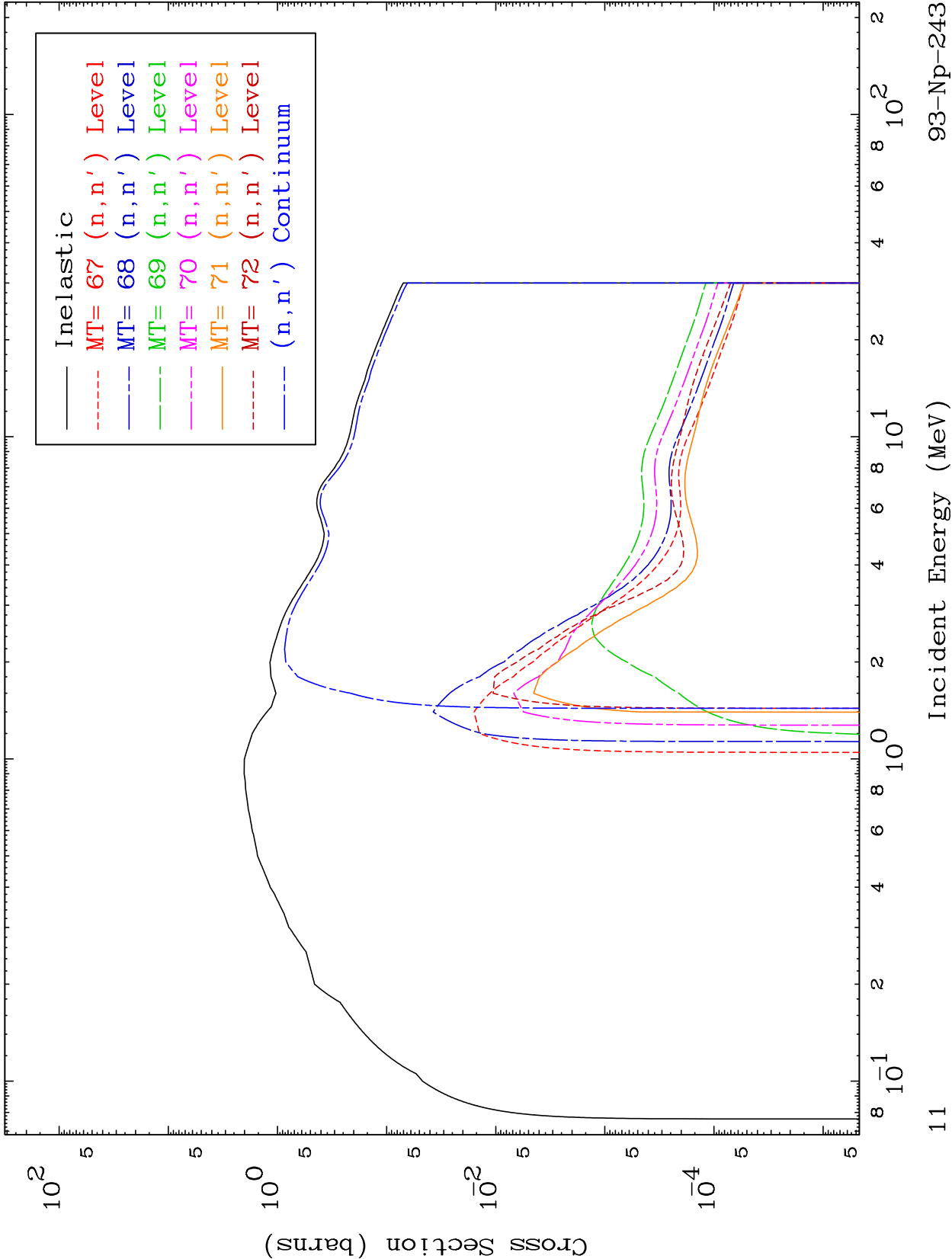


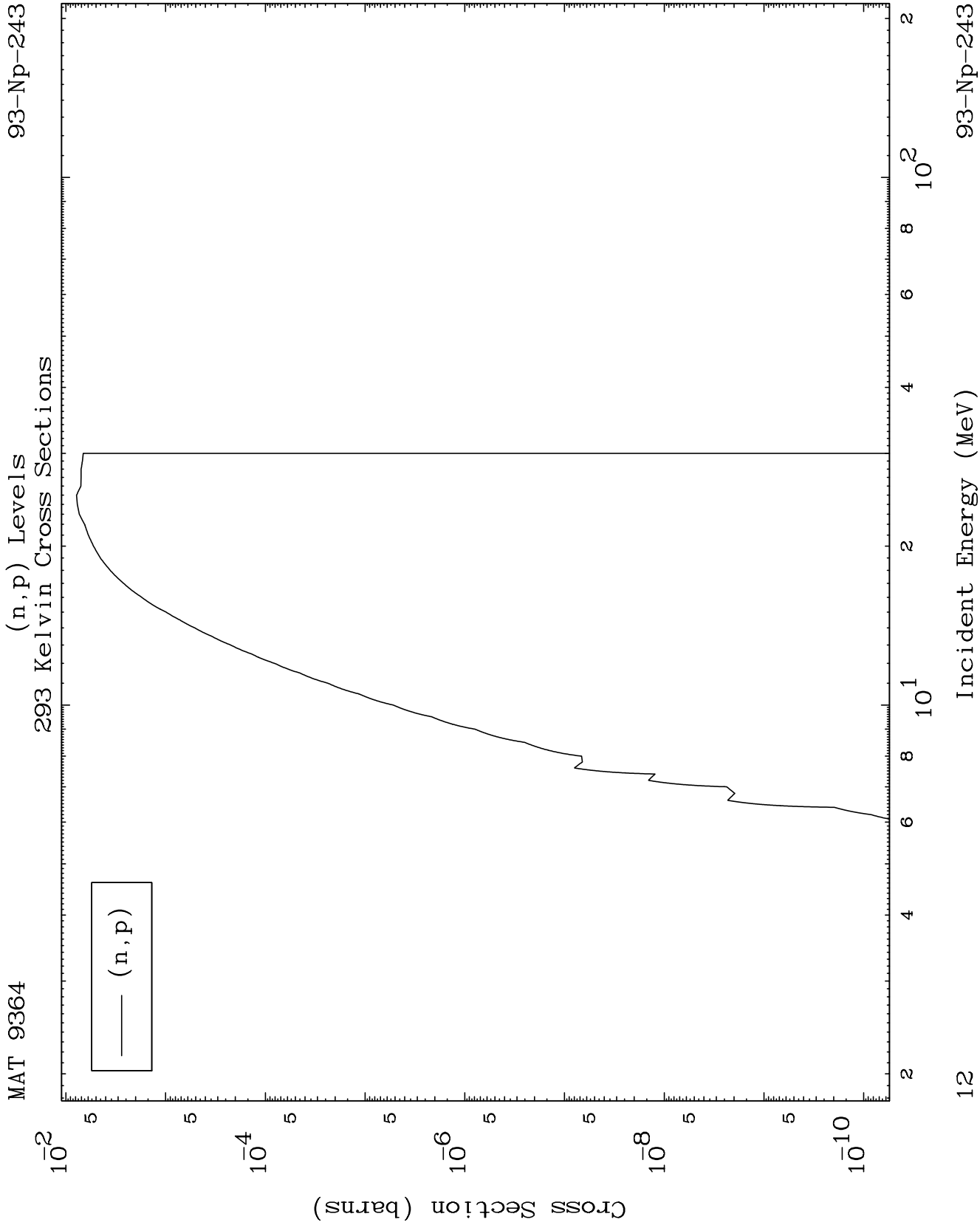








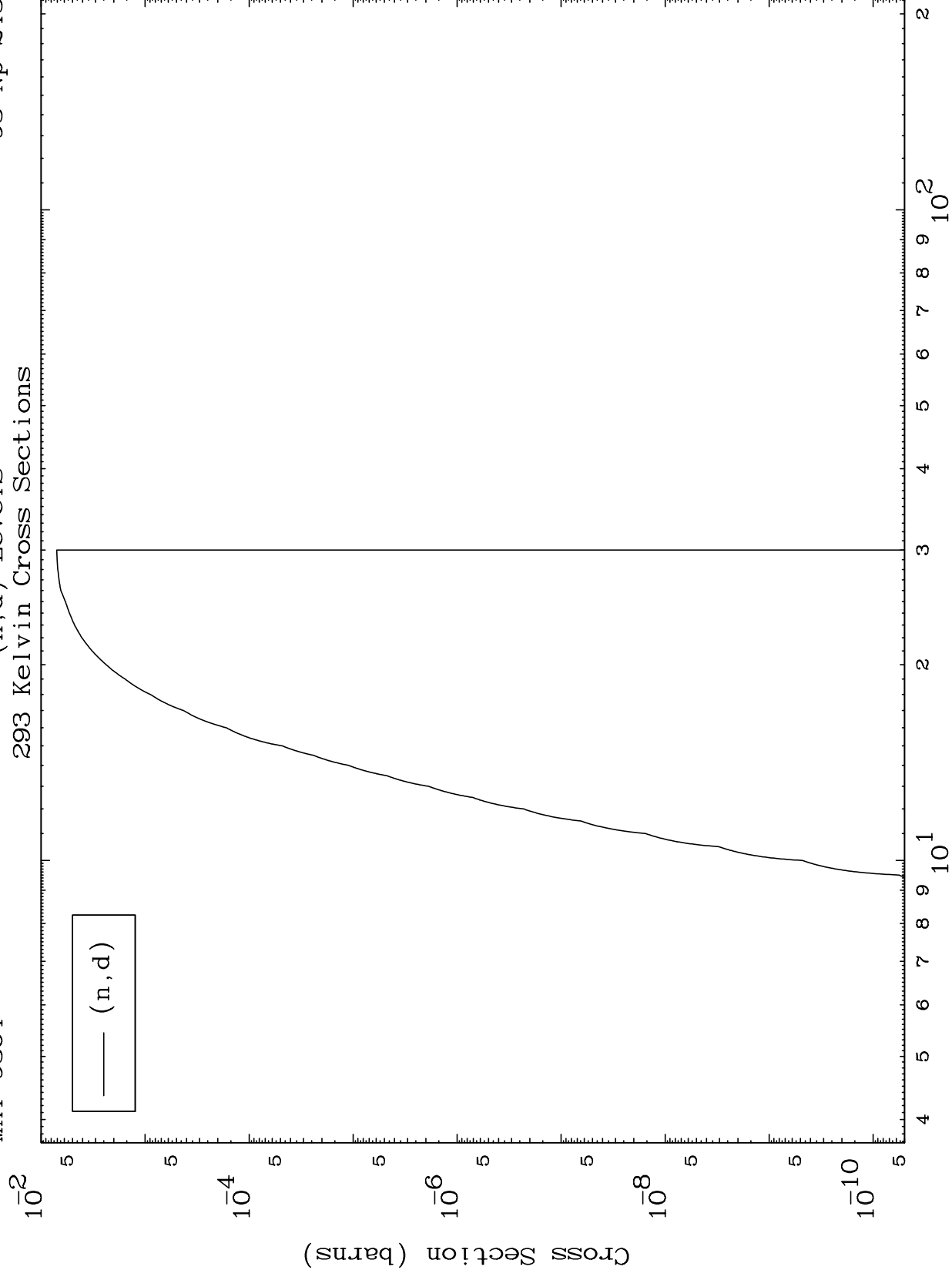




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93-Np-243

(n,d) Levels
293 Kelvin Cross Sections



13

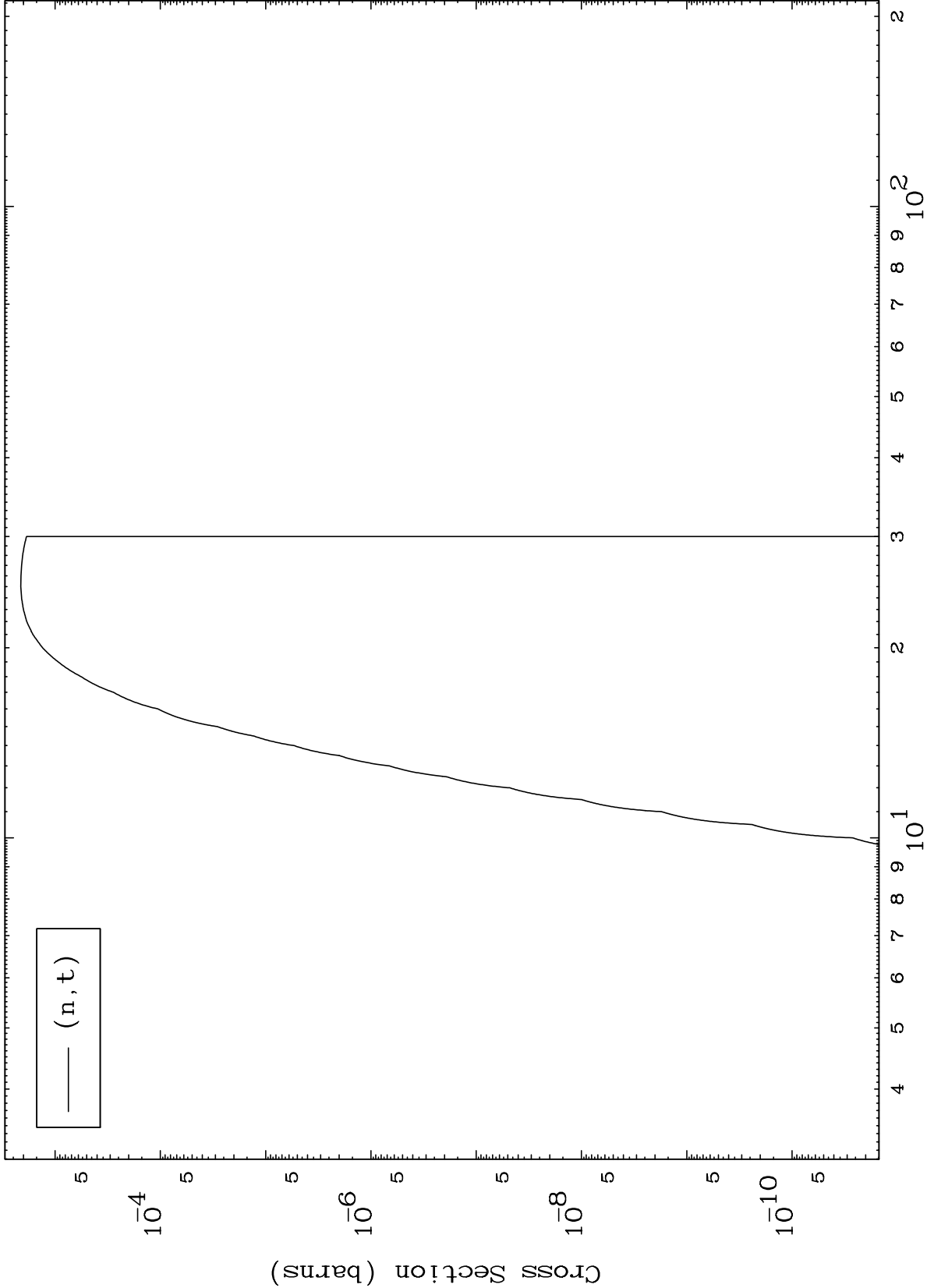
Incident Energy (MeV)

93-Np-243

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(n,t) Levels
293 Kelvin Cross Sections

93-Np-243



14

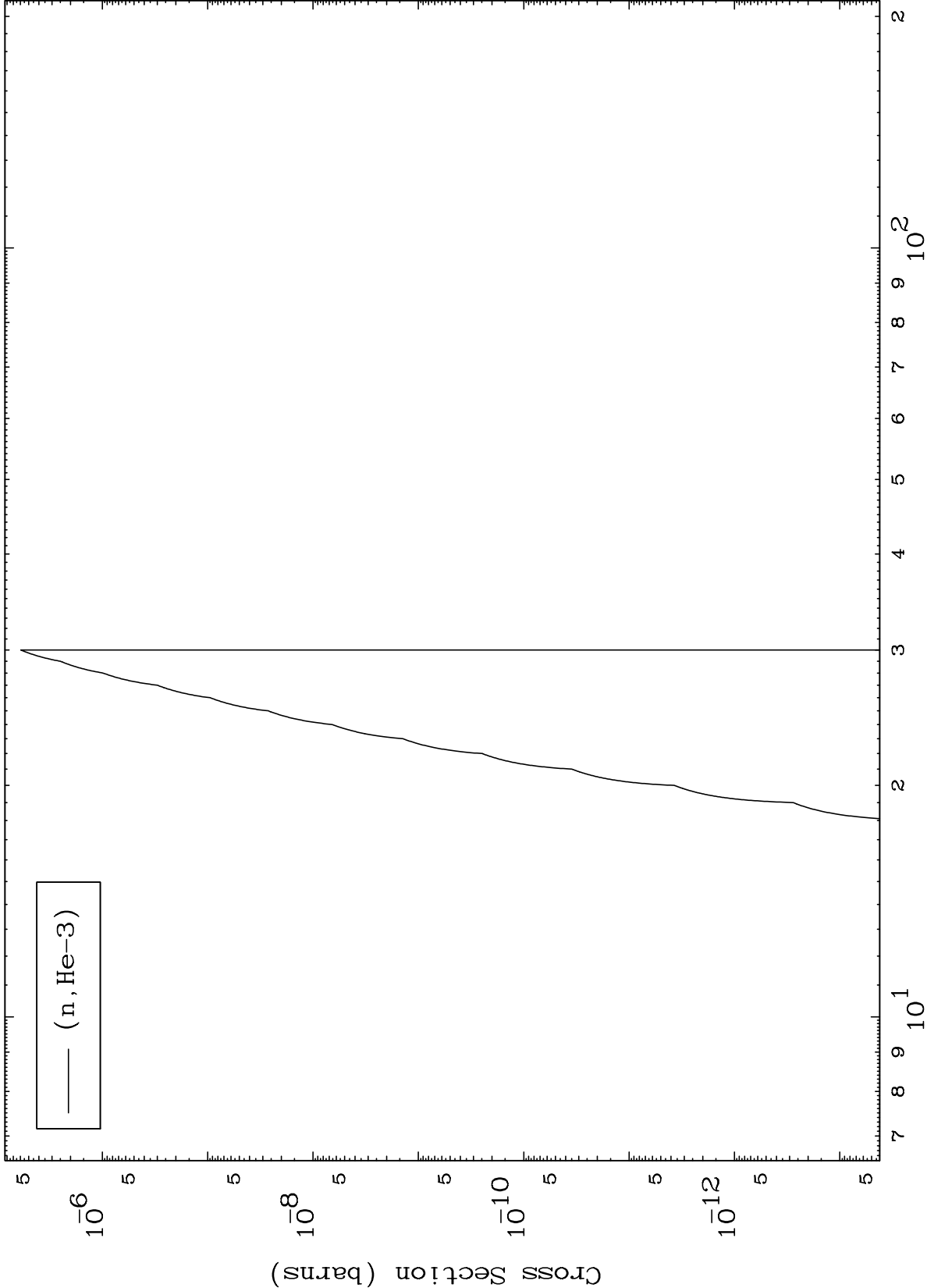
Incident Energy (MeV)

93-Np-243

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(n,He3) Levels
293 Kelvin Cross Sections

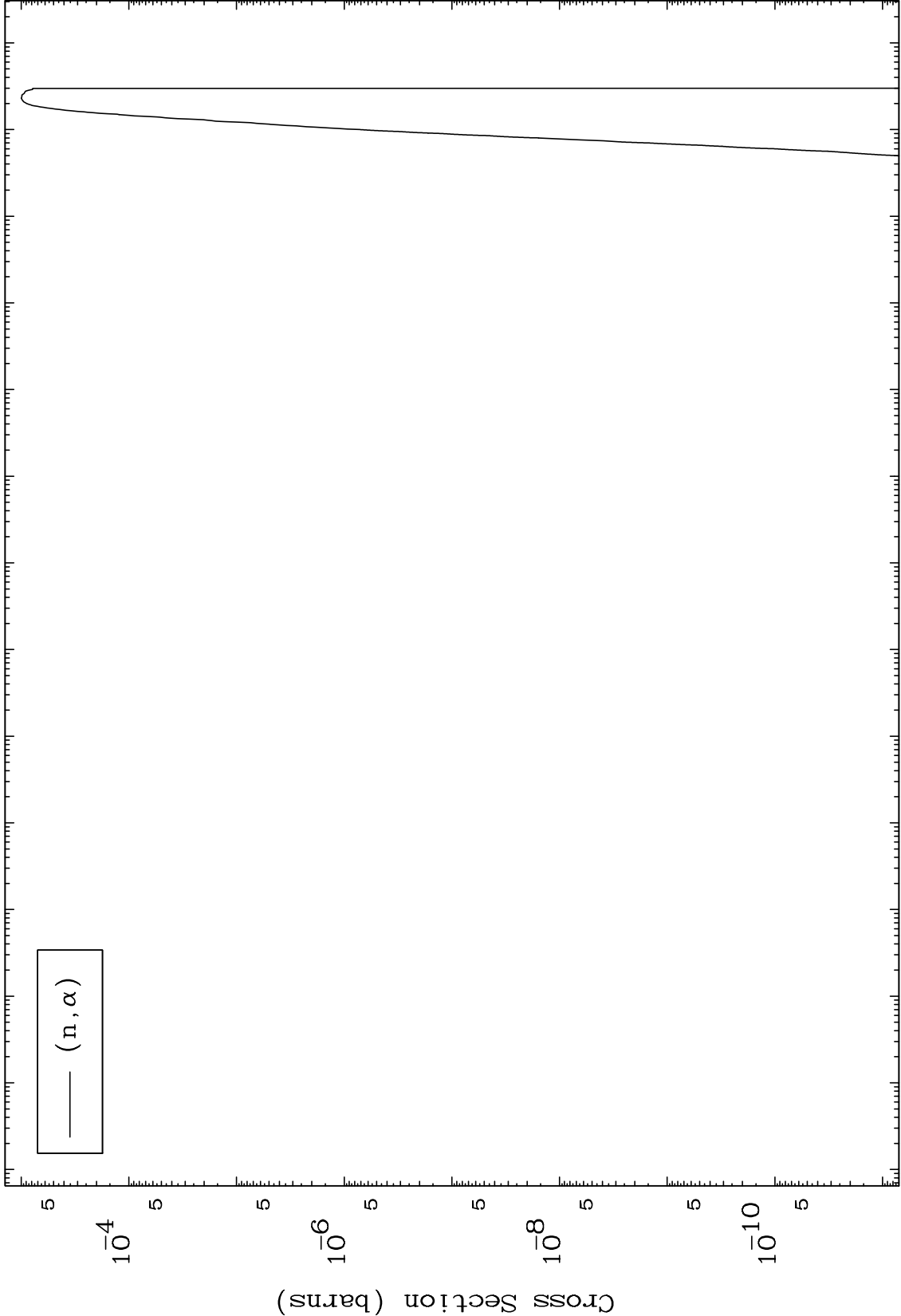
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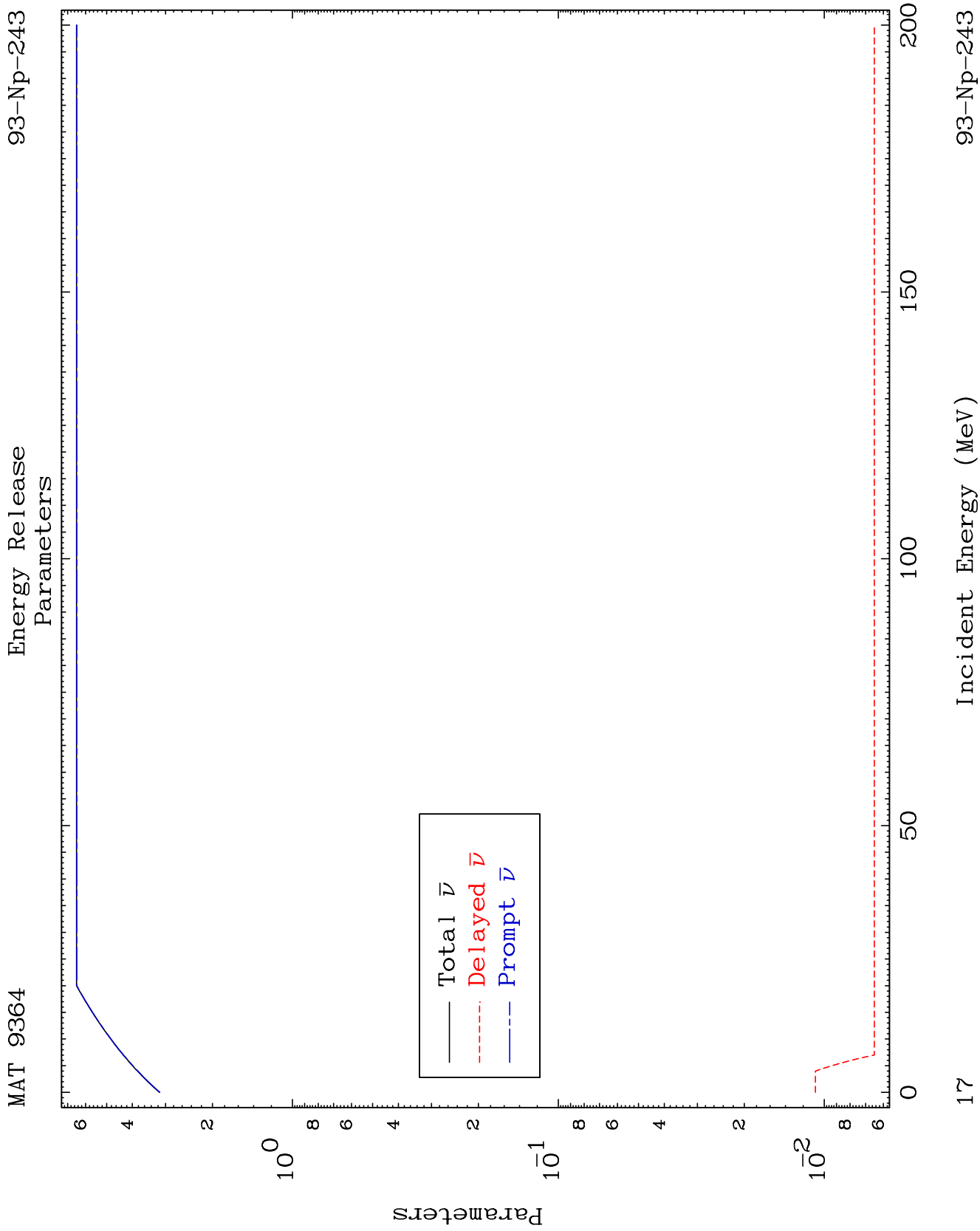


15

Incident Energy (MeV)

93-Np-243

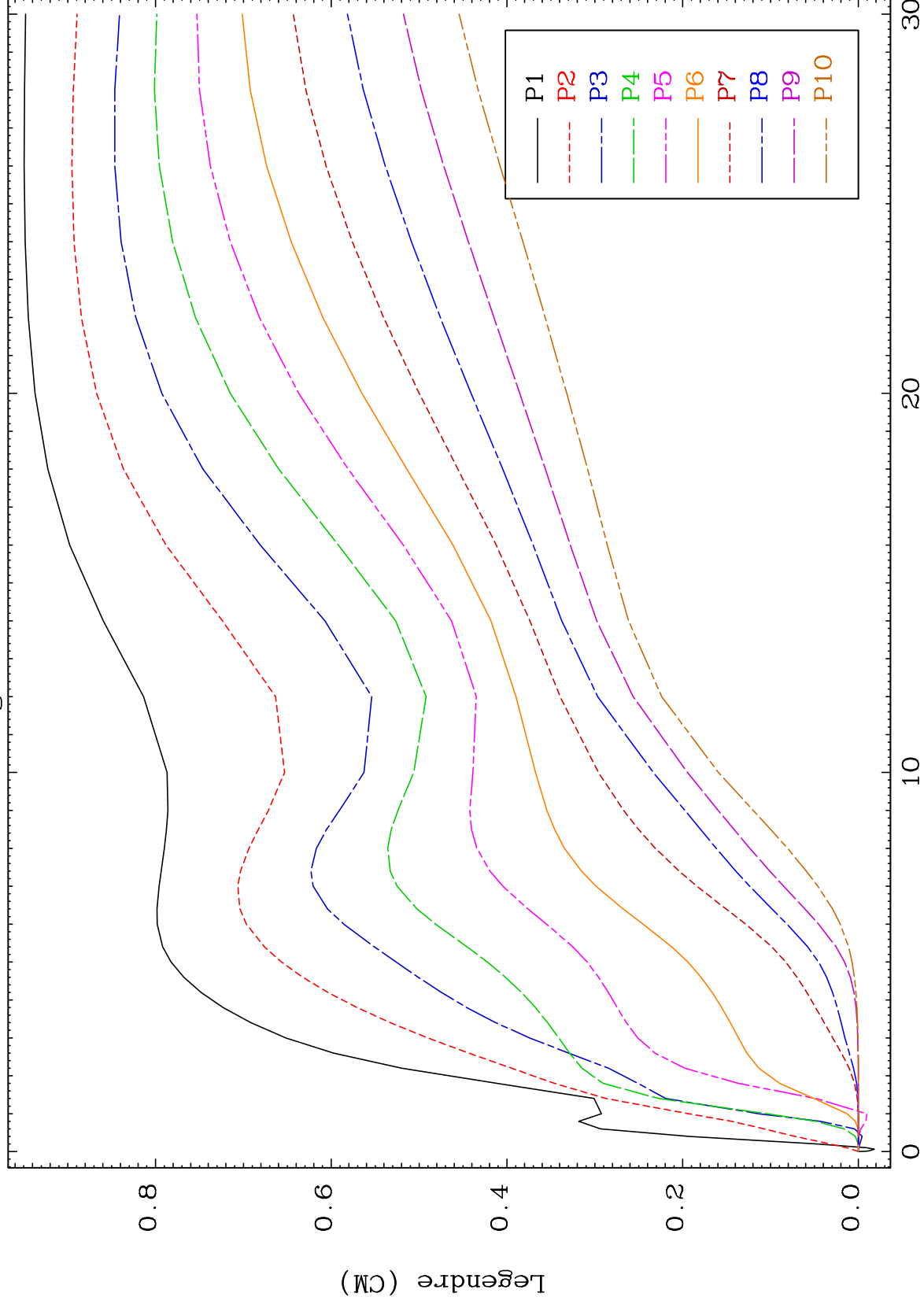




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93-Np-243

Elastic Legendre Coefficients



18

Incident Energy (MeV)

93-Np-243

30

20

10

0

P1

2.

13

P4

P5

PC

29

8

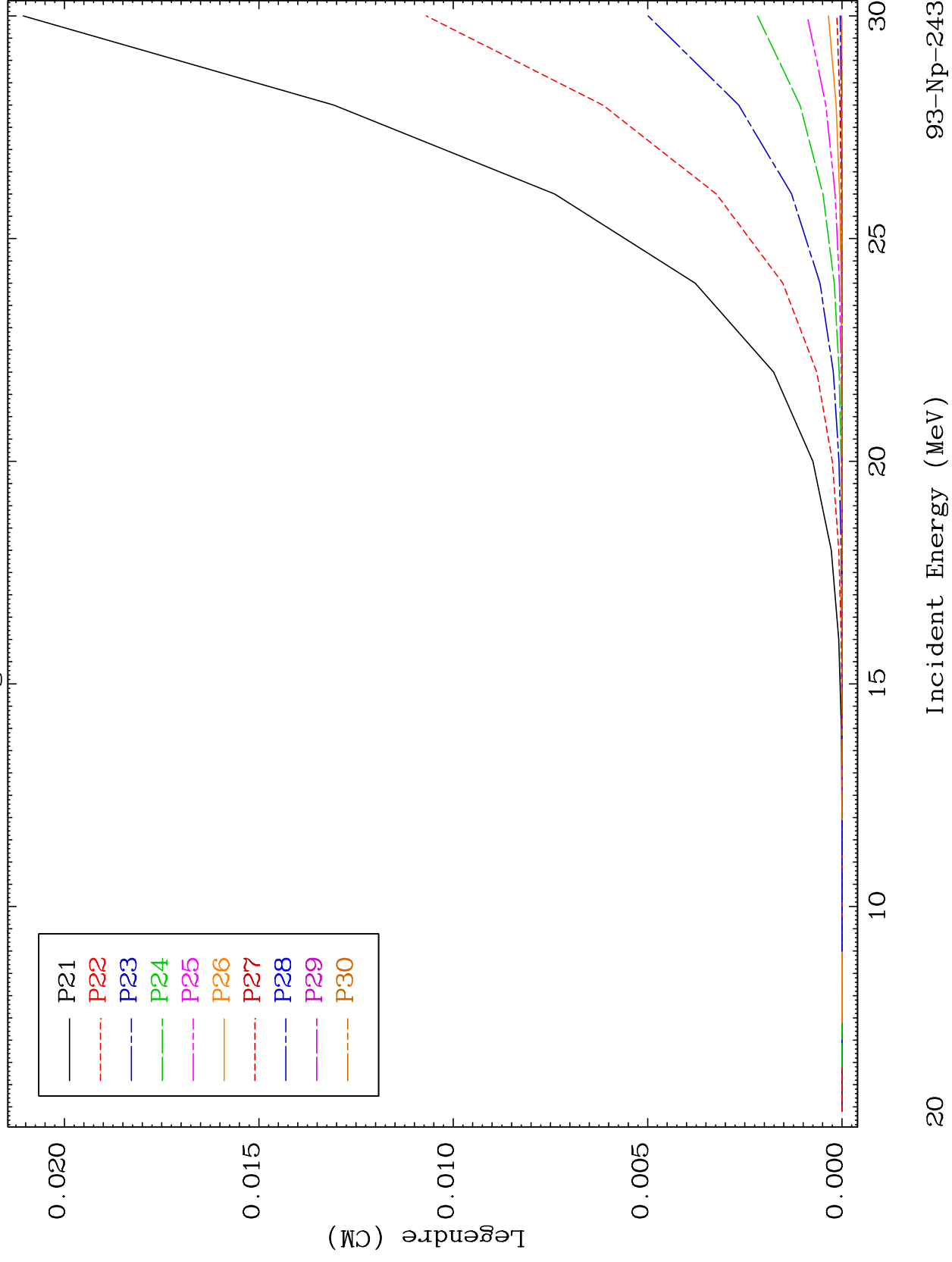
9

P10

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Elastic Legendre Coefficients

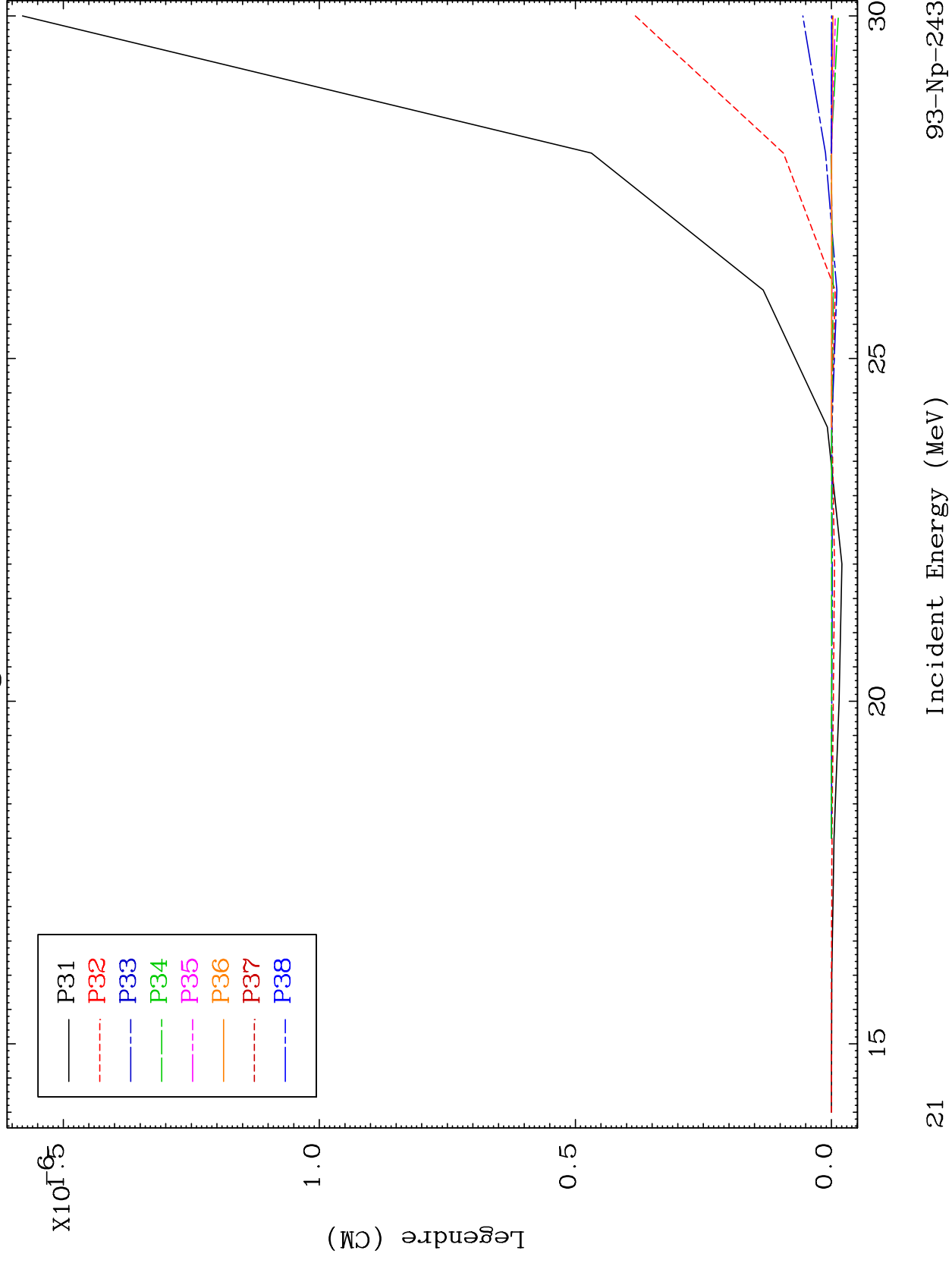
93-Np-243



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Elastic Legendre Coefficients

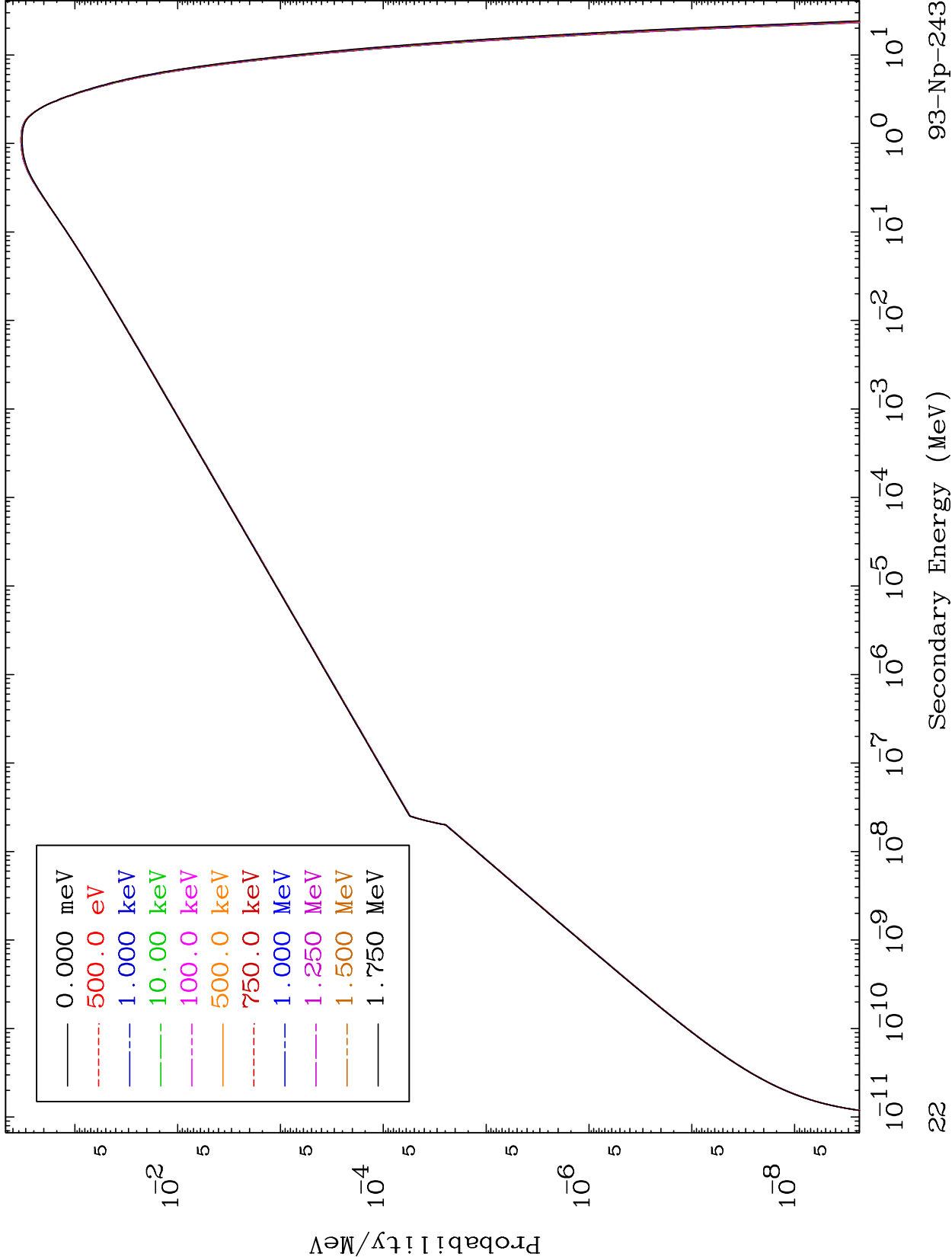
93-Np-243



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Fission
Energy Distributions

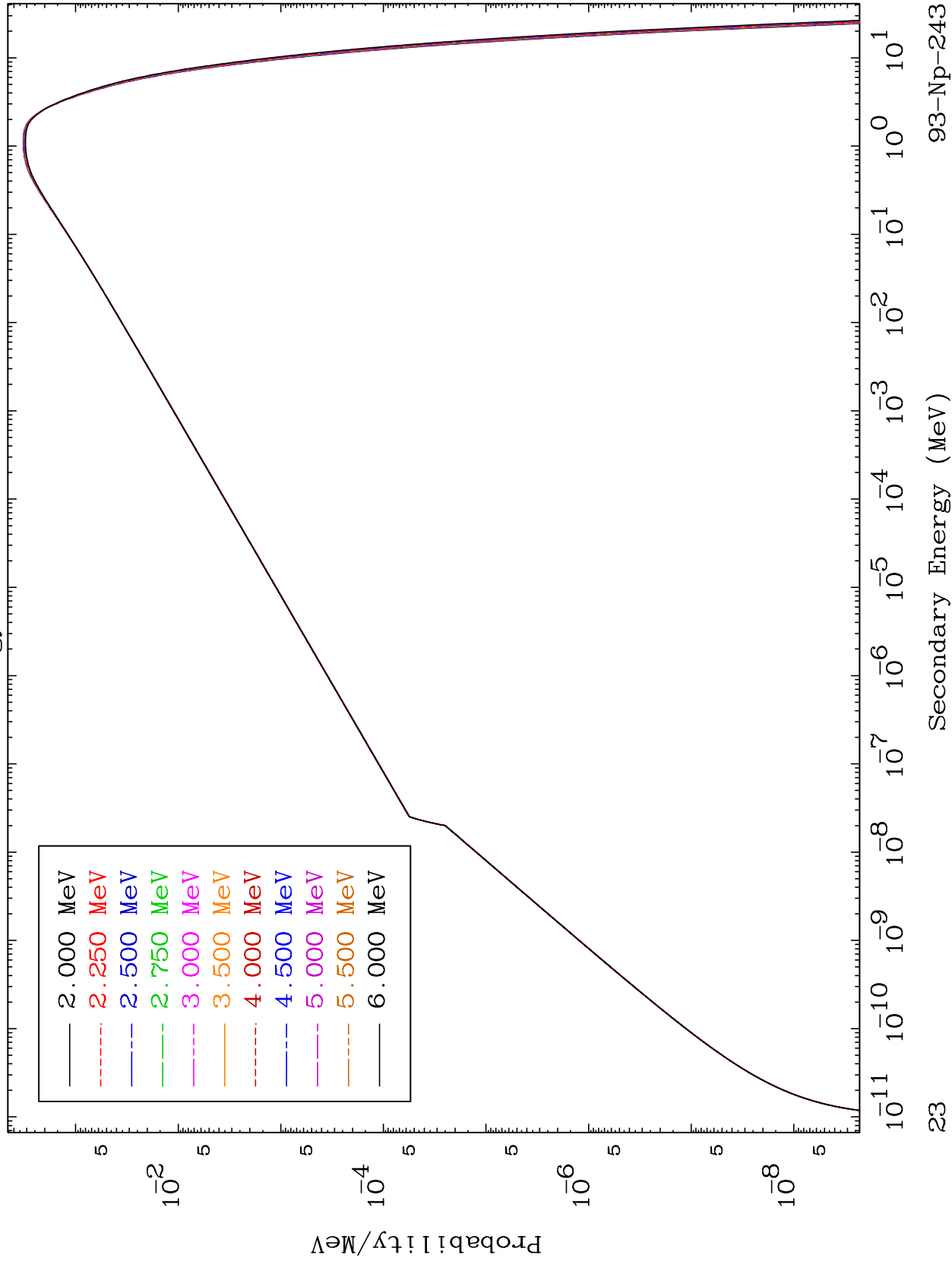
93-Np-243



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Fission
Energy Distributions

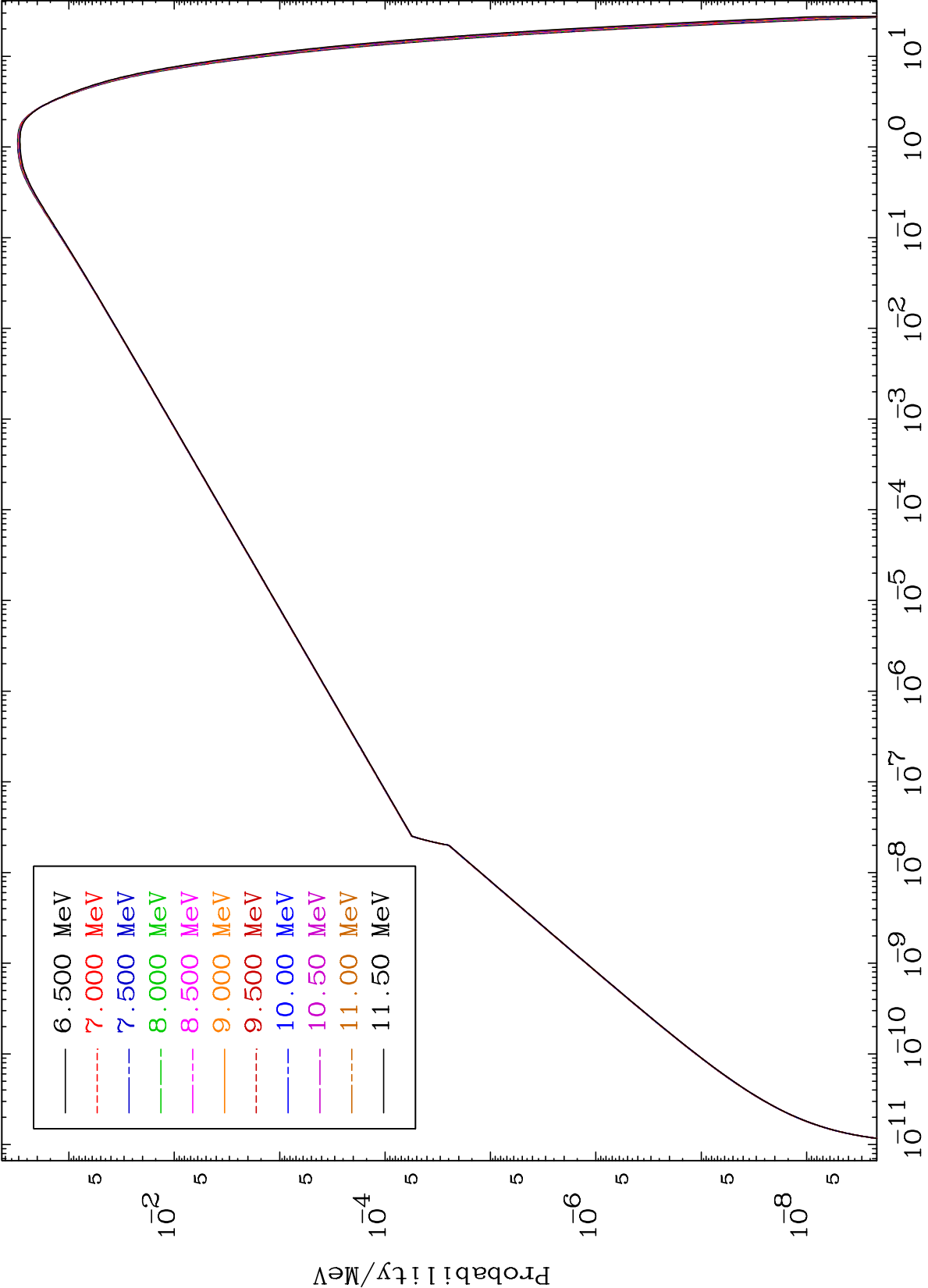
93-Np-243



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Fission
Energy Distributions

93-Np-243



Secondary Energy (MeV)

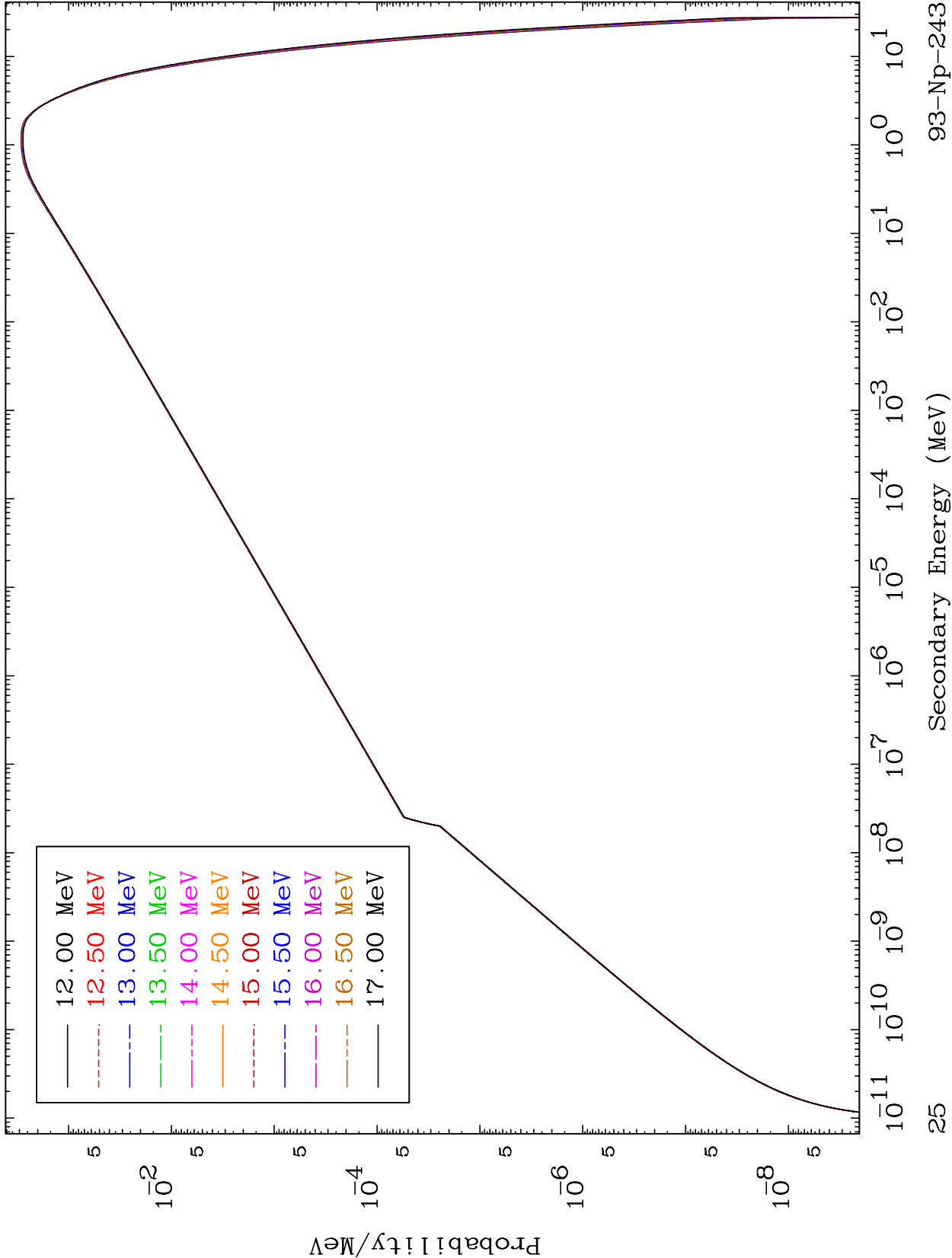
93-Np-243

24

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Fission
Energy Distributions

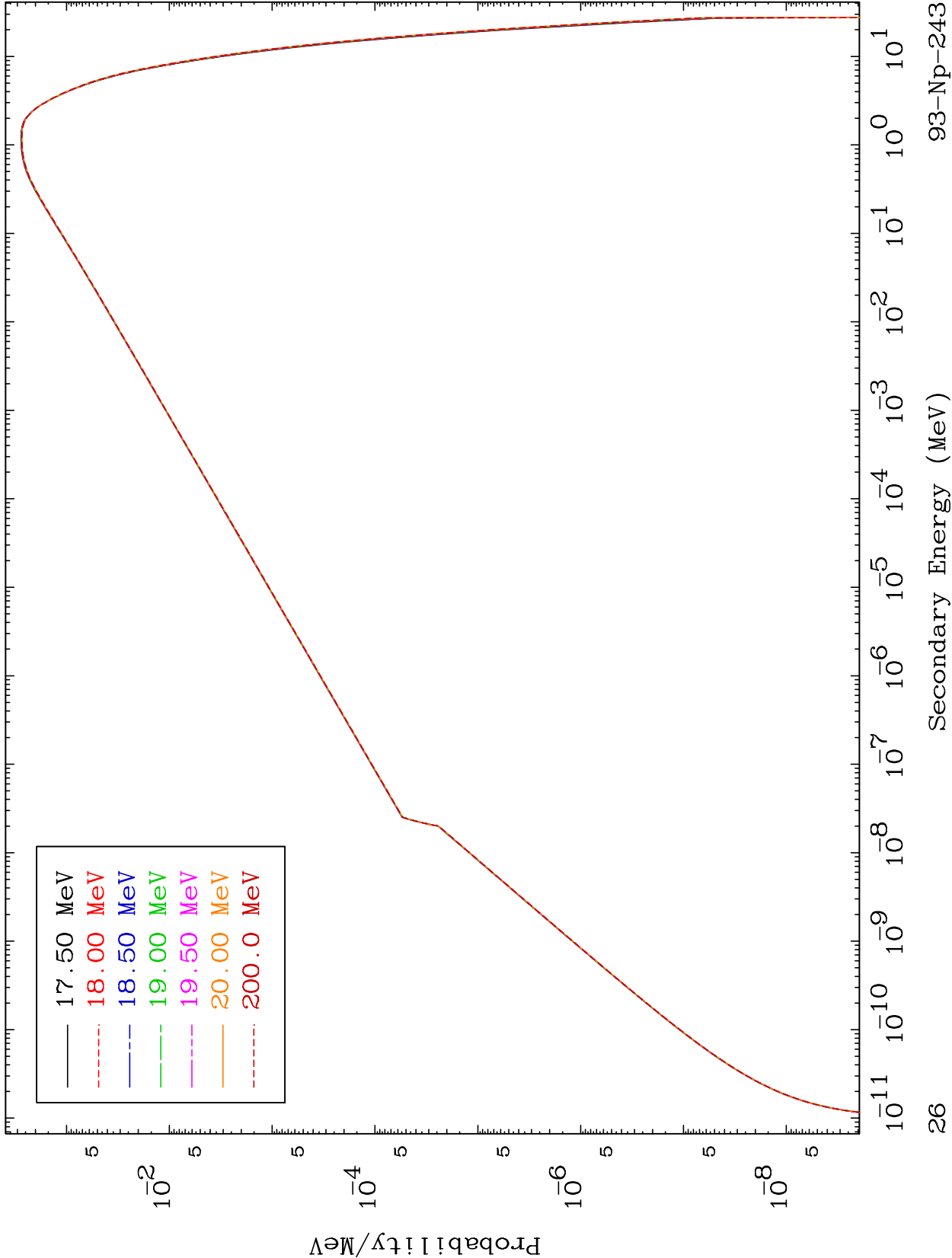
93-Np-243



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Fission
Energy Distributions

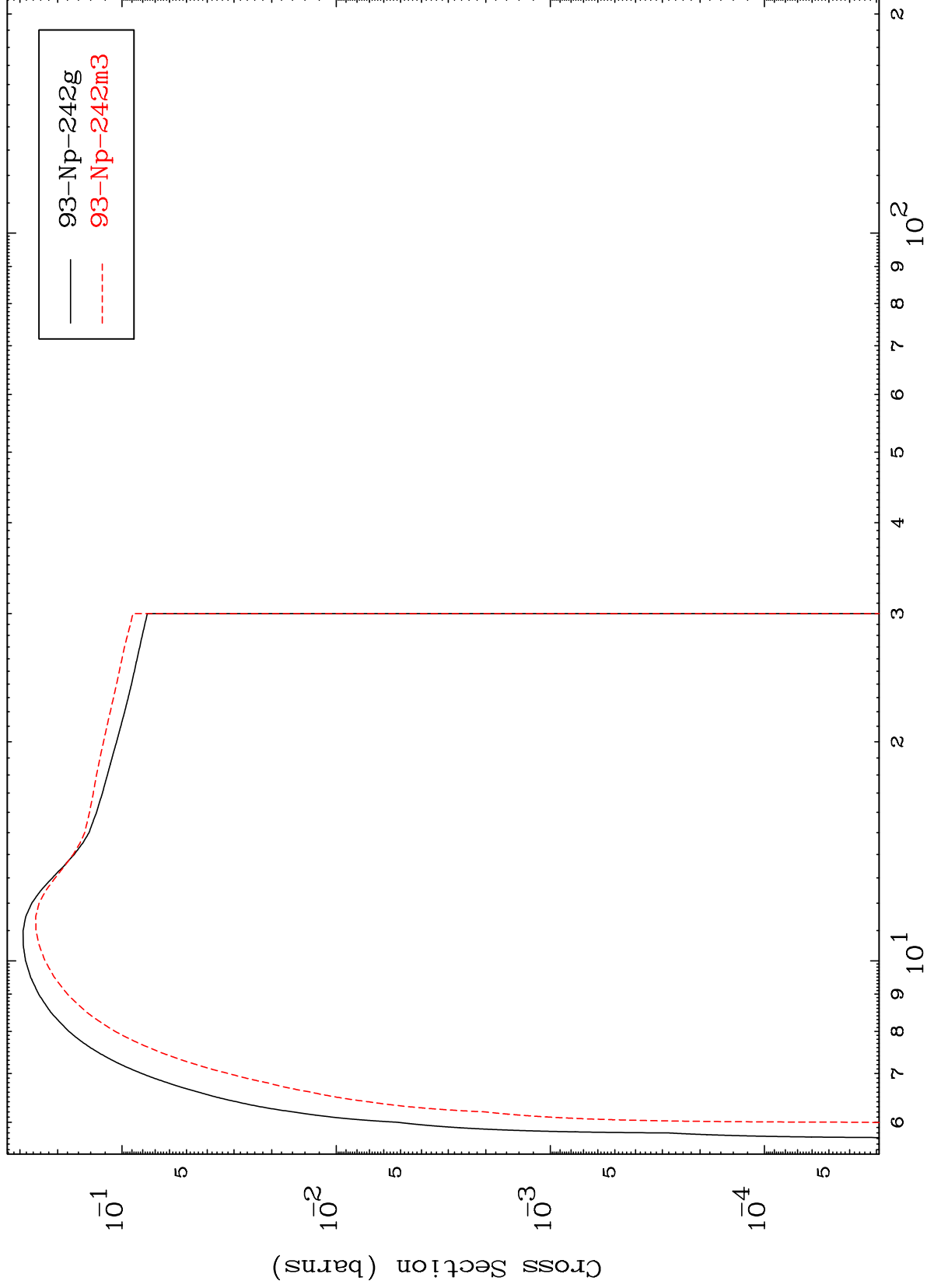
93-Np-243



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93-Np-243

(n,2n)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

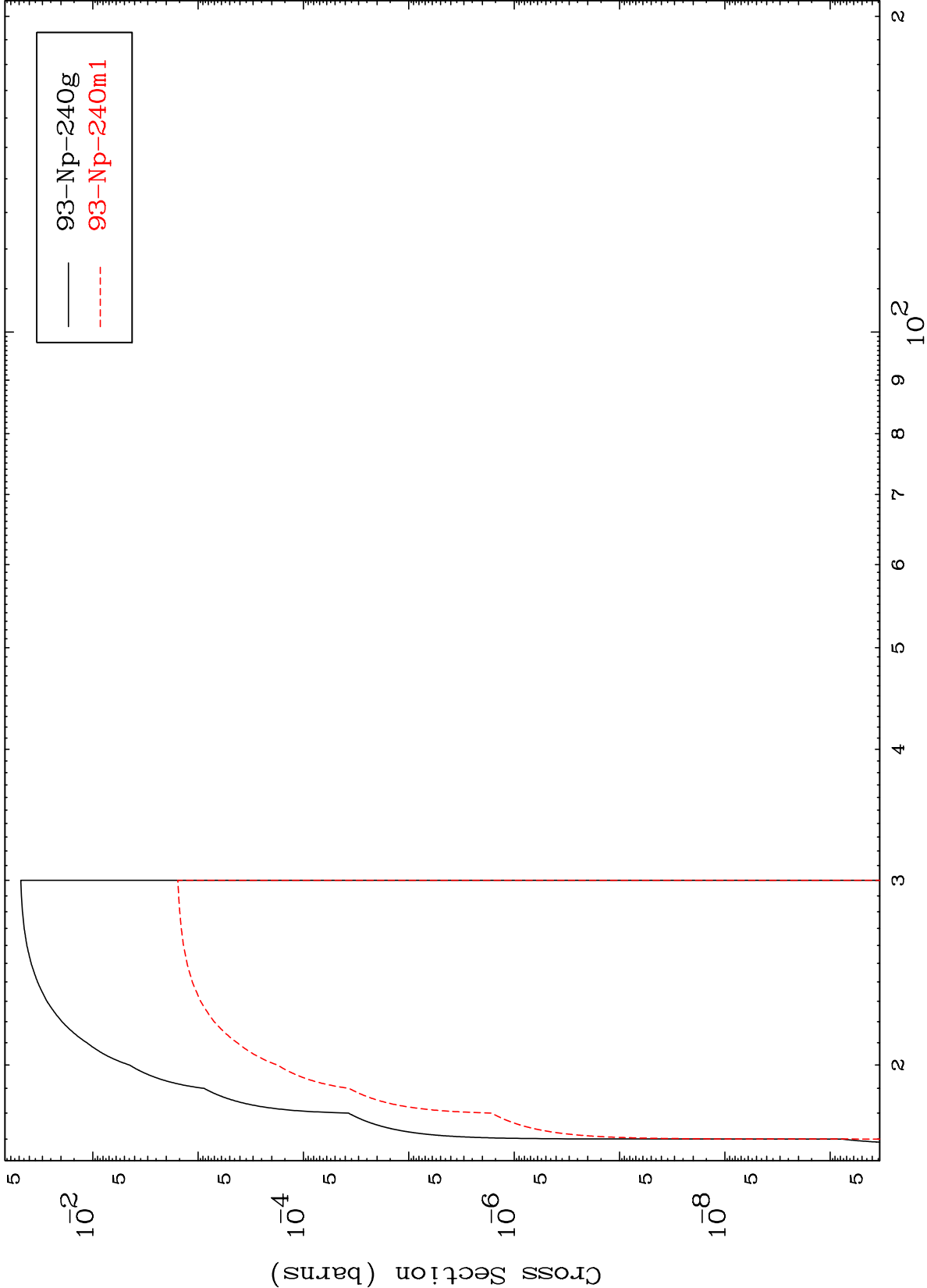
93-Np-243

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(n,4n)

⁹³Np-243

Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁹³Np-243