

Program EVALPLOT
(Version 2021-1)

by

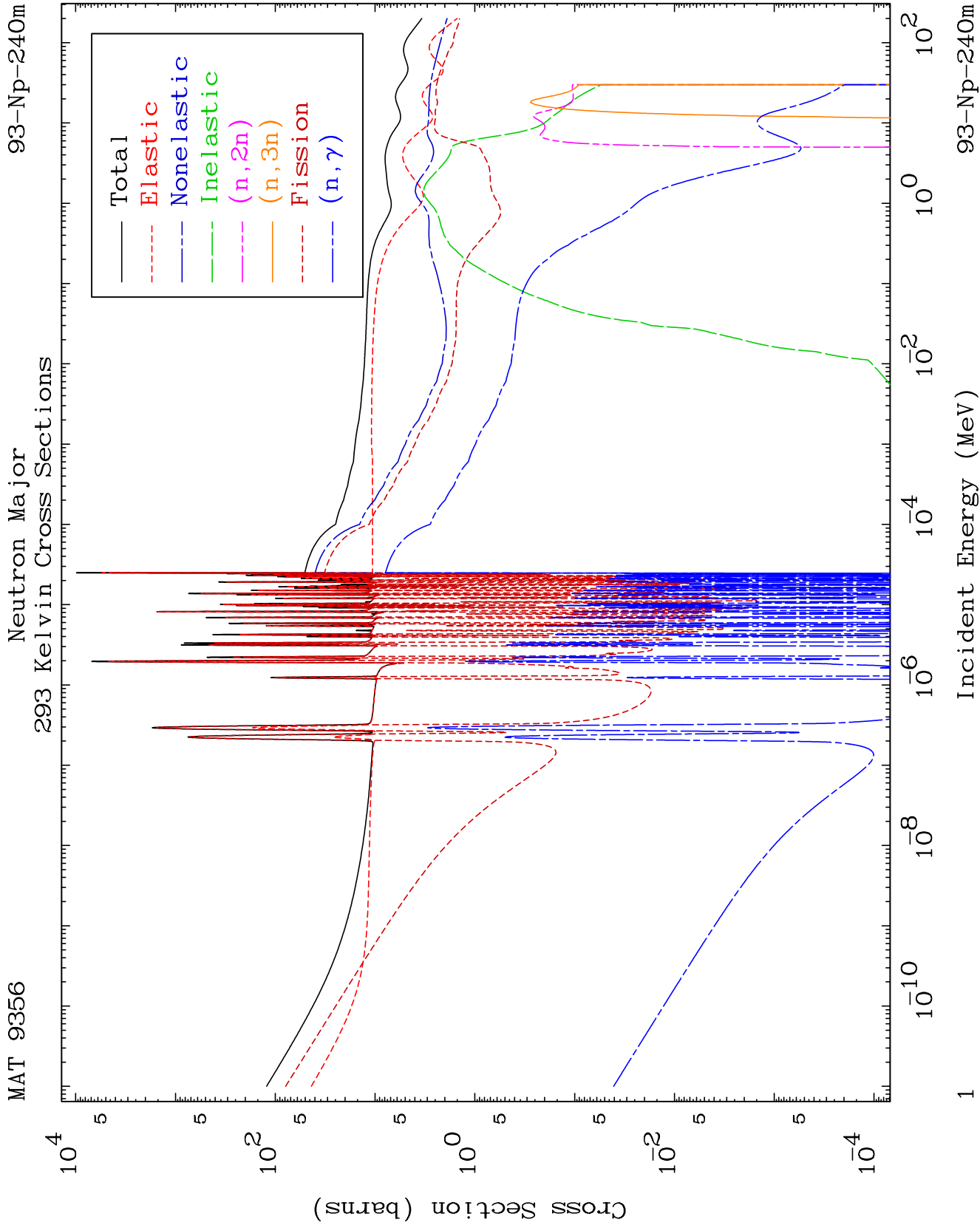
Dermott E. Cullen
(Present Contact Information)

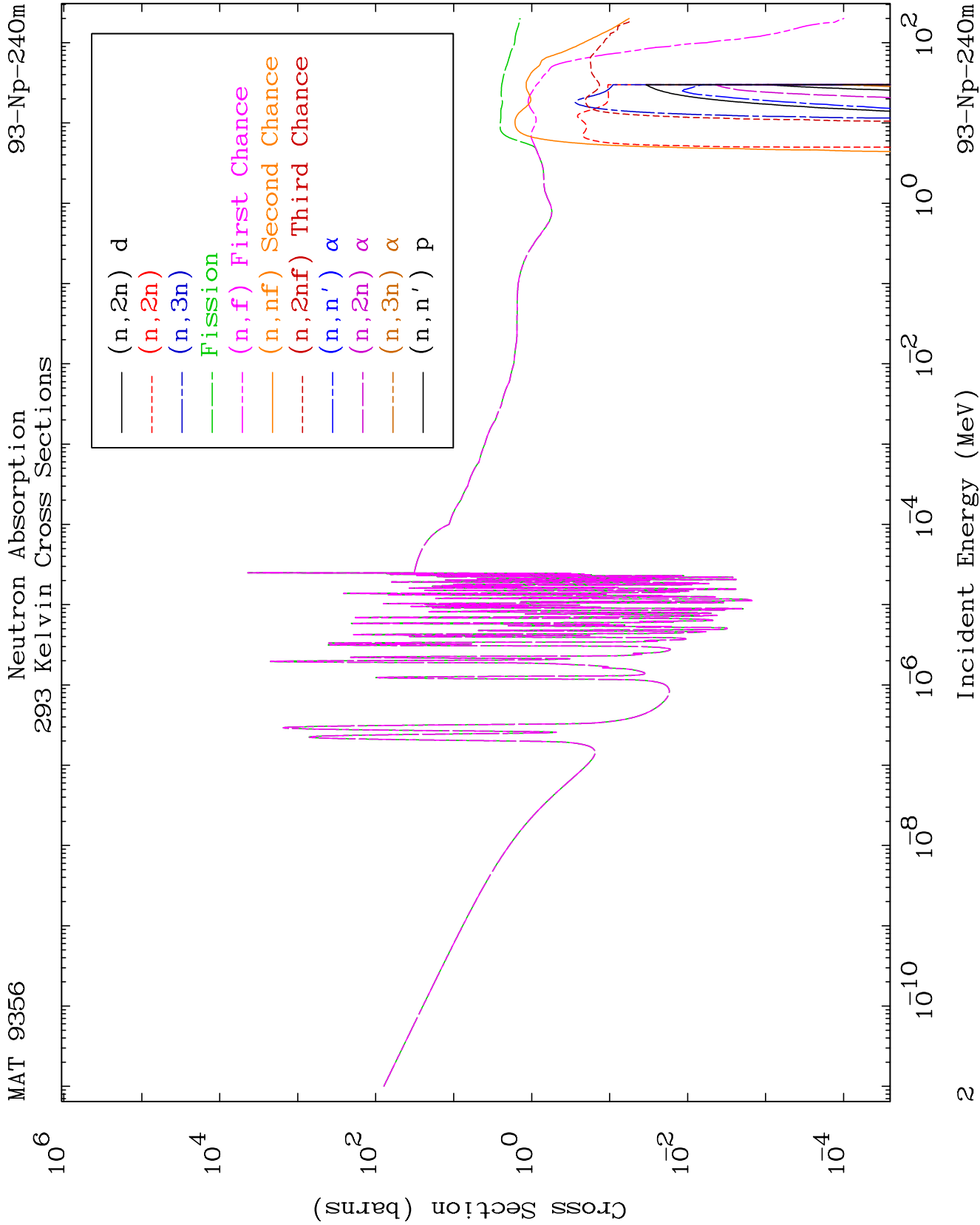
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

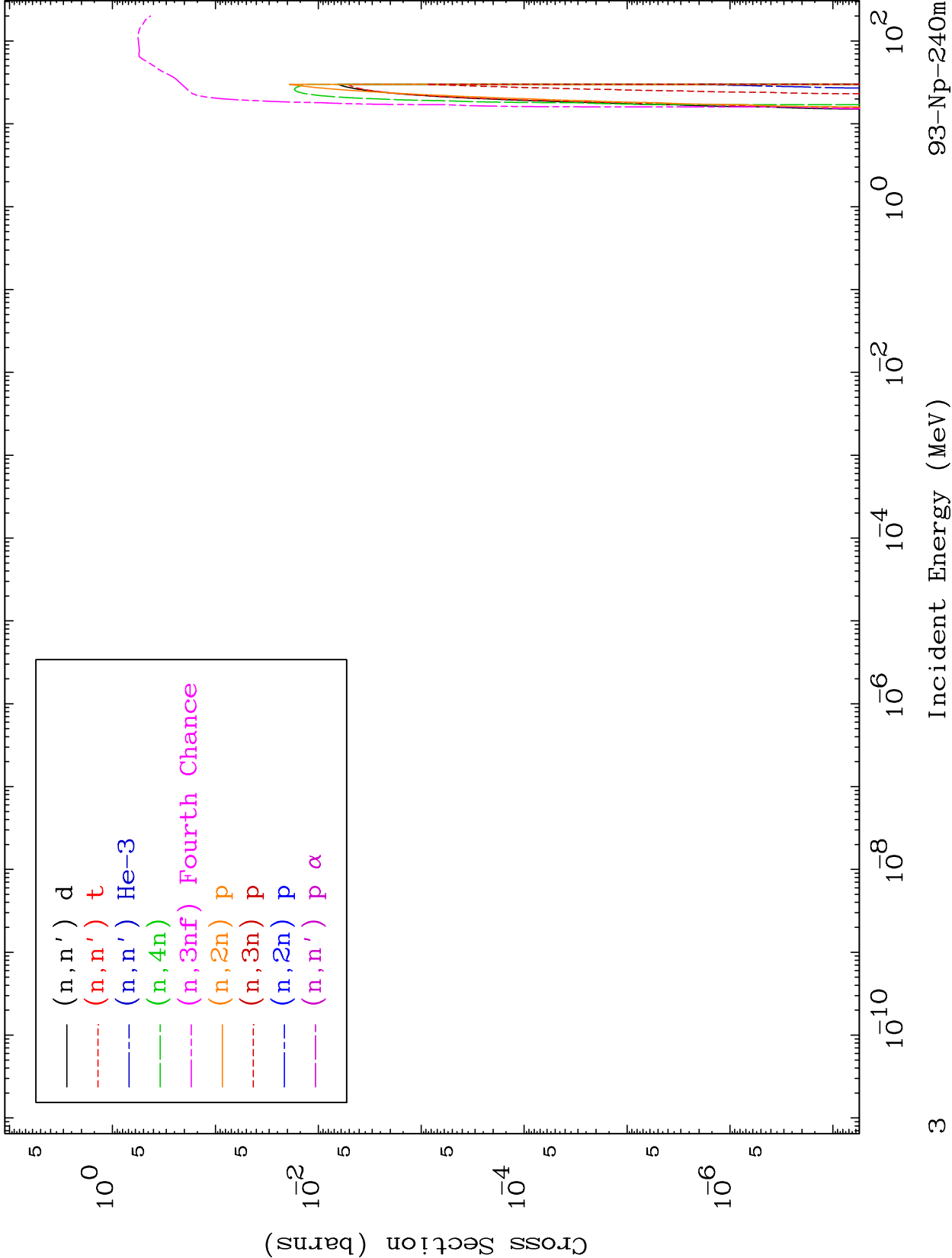
Tele: 925-443-1911

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

Press Mouse Button to Start



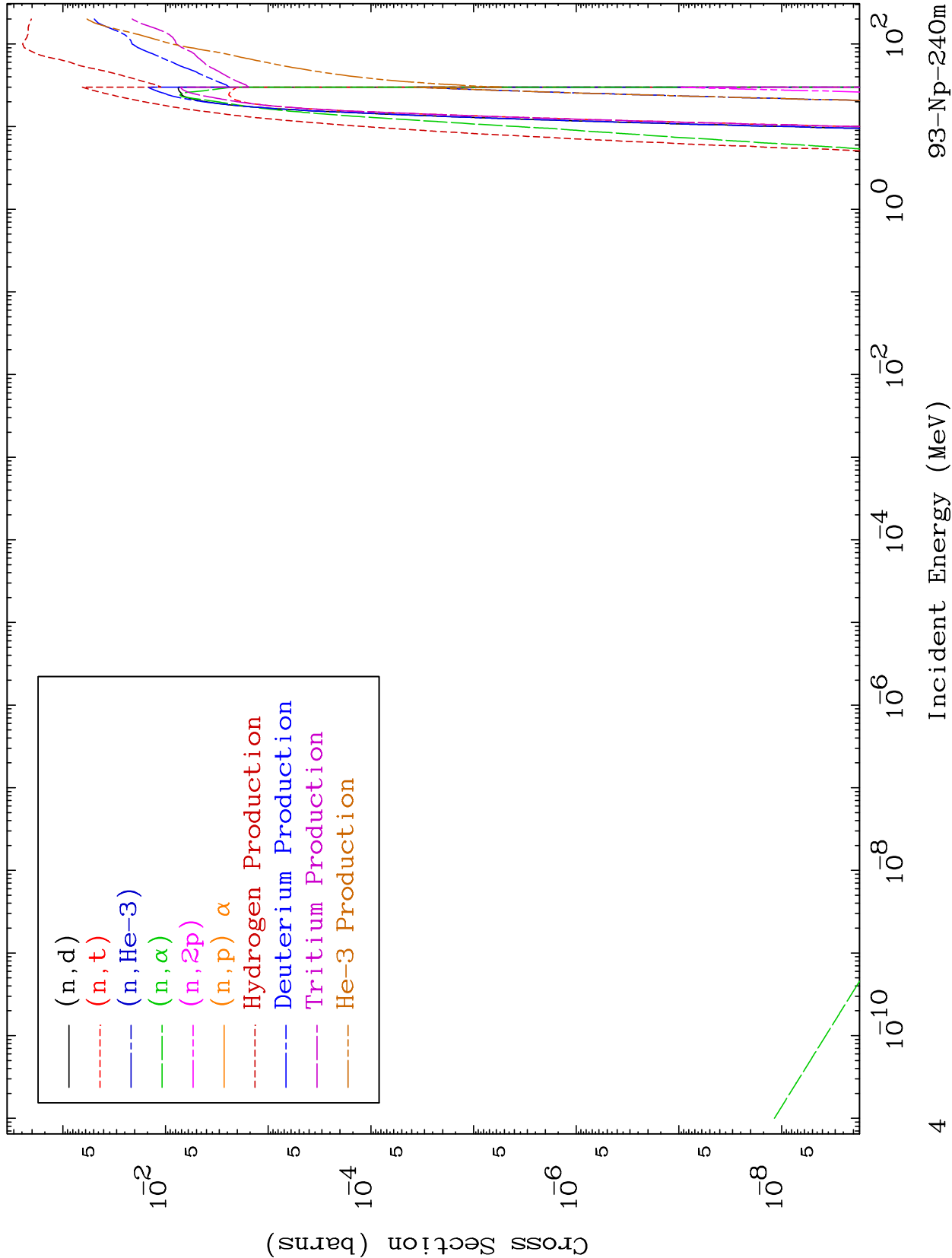




MAT 9356

Neutron Absorption
293 Kelvin Cross Sections

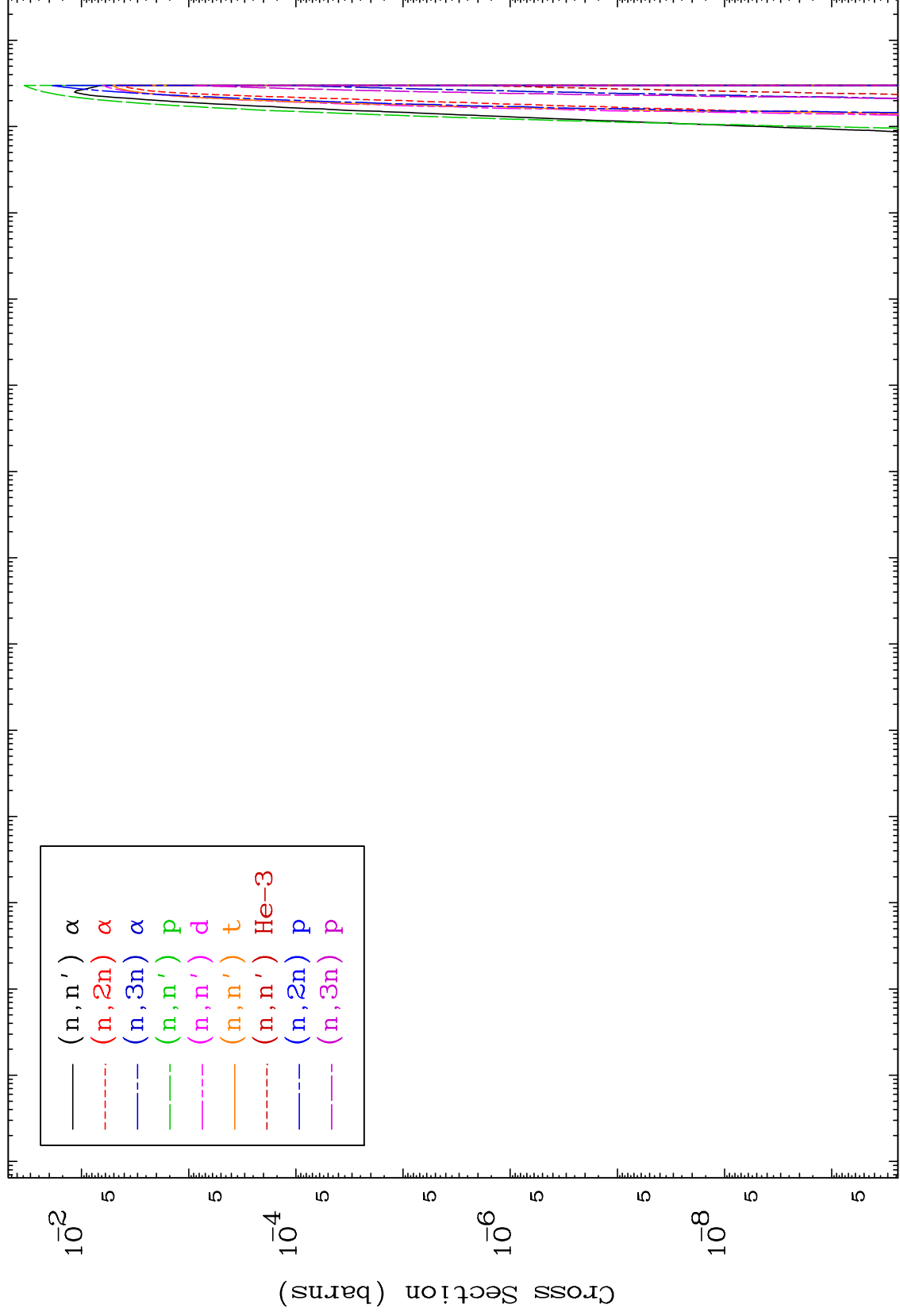
93-Np-240m



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Charged Particle
293 Kelvin Cross Sections

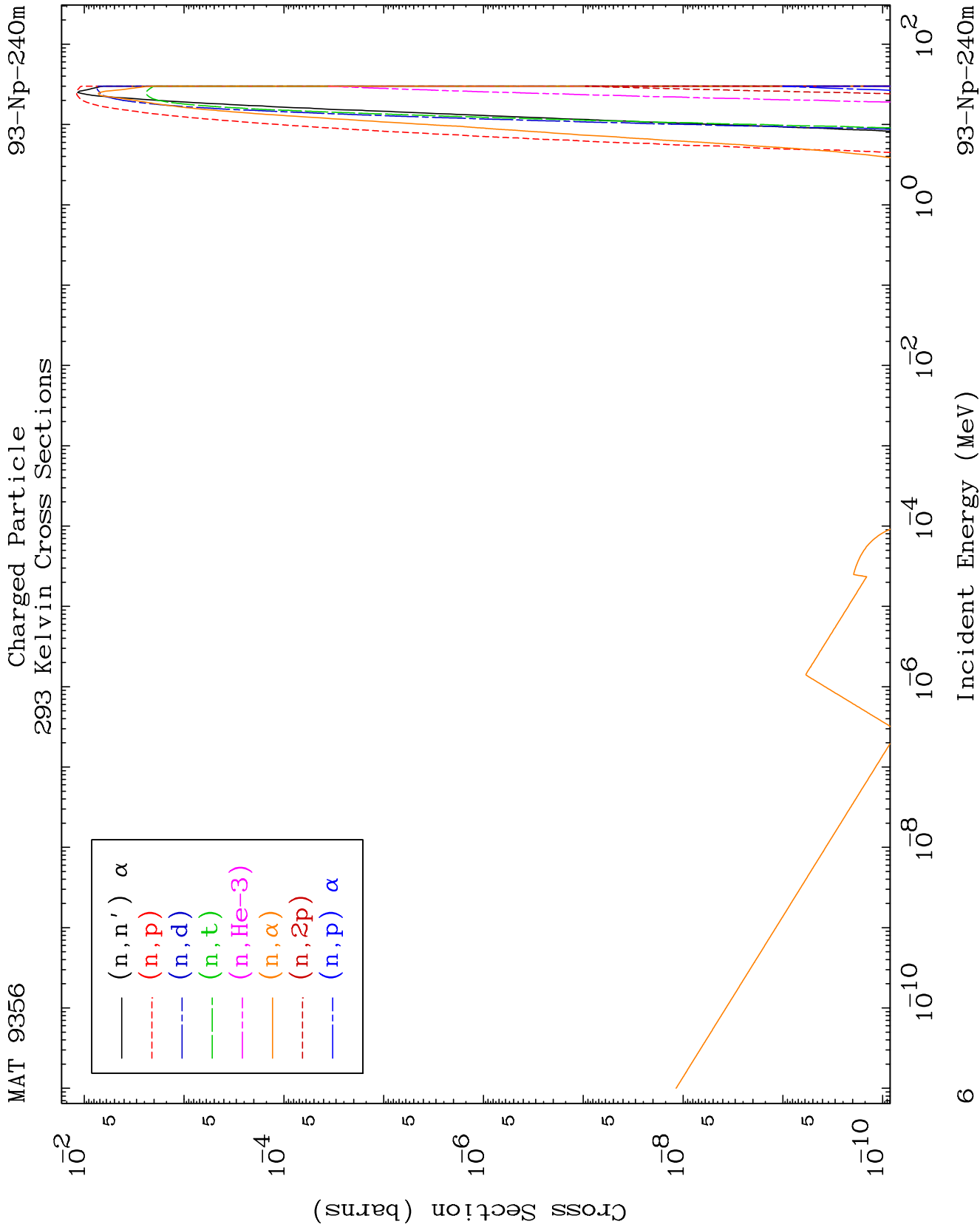
93-Np-240m



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Incident Energy (MeV)

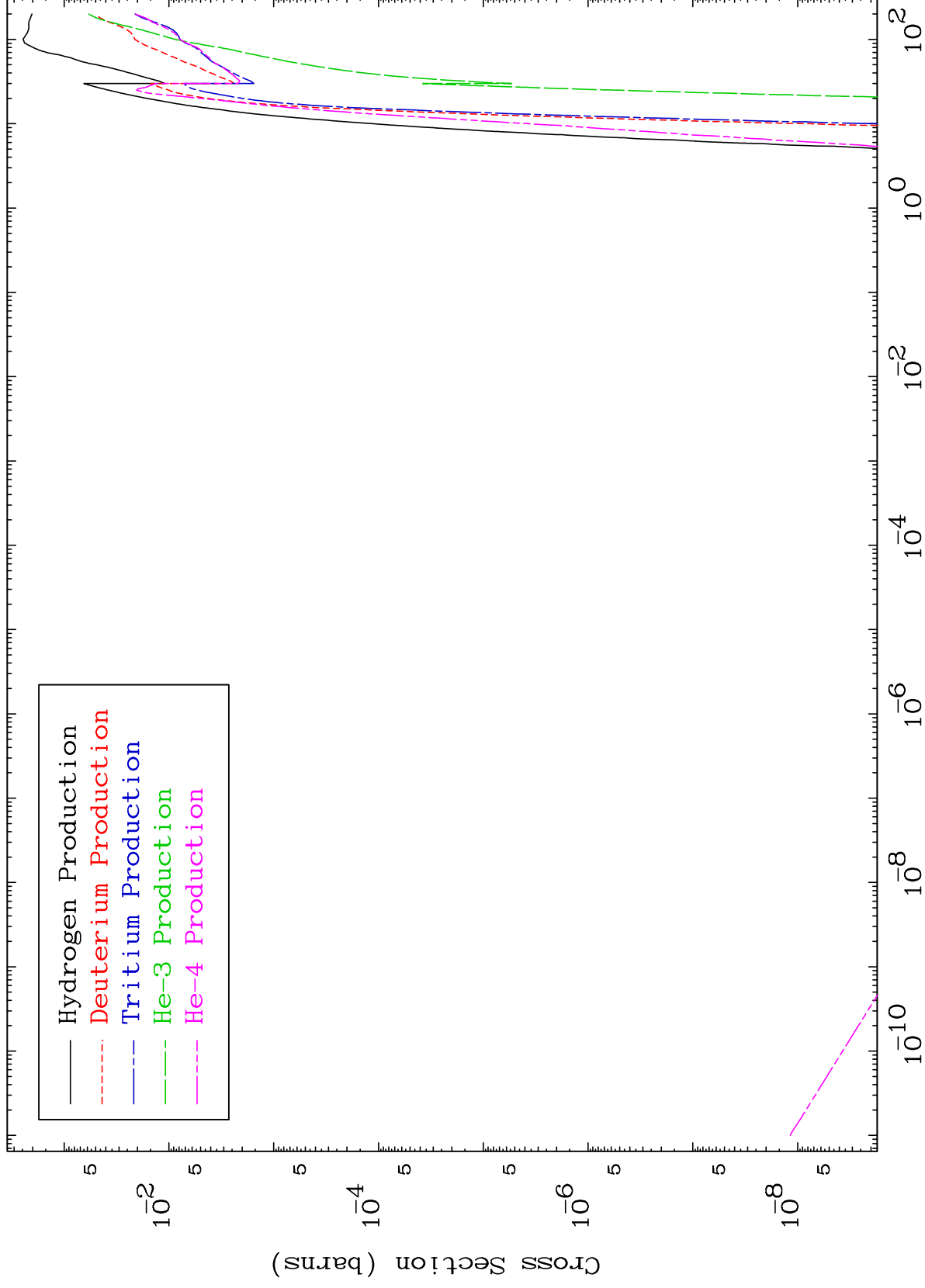
93-Np-240m

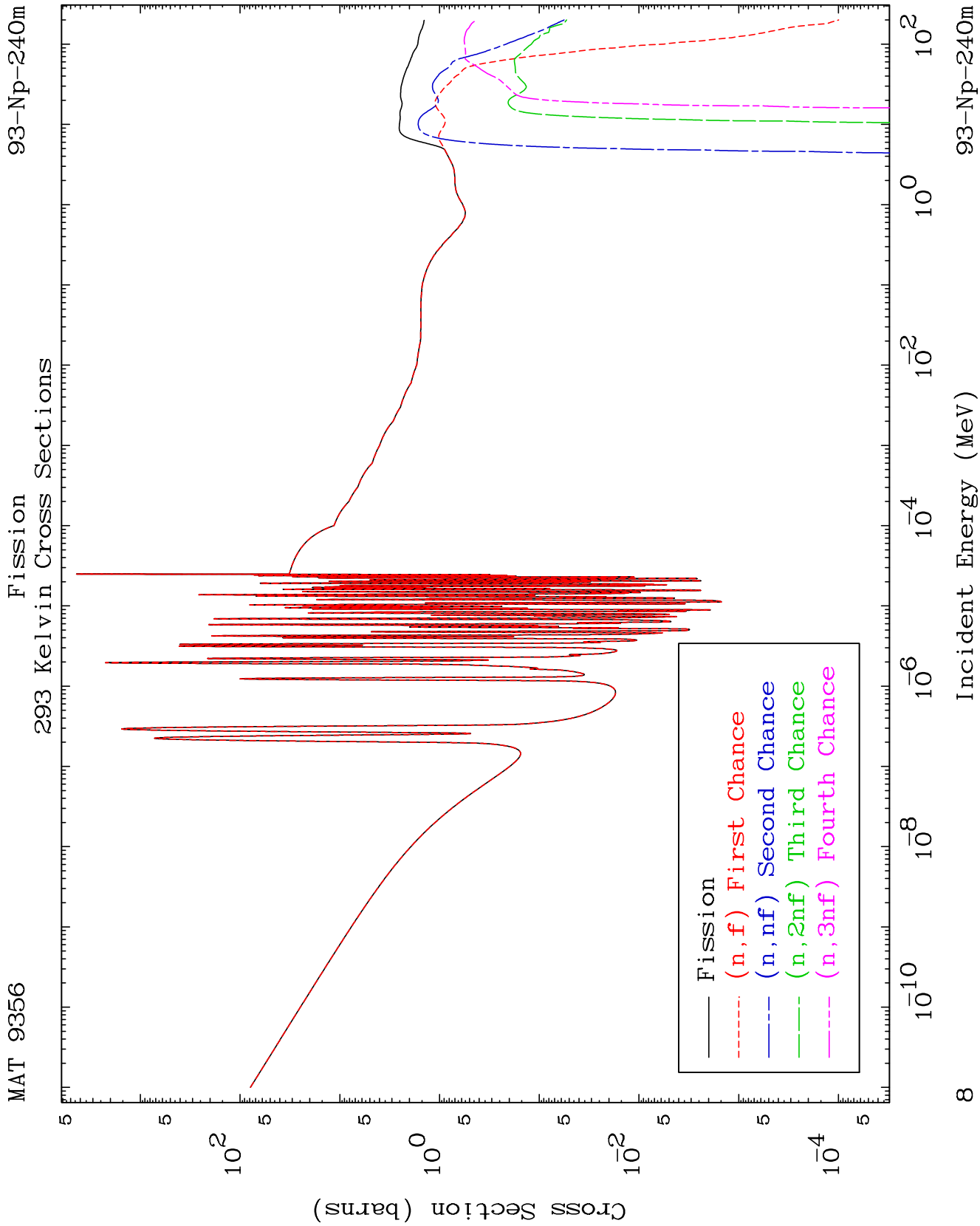


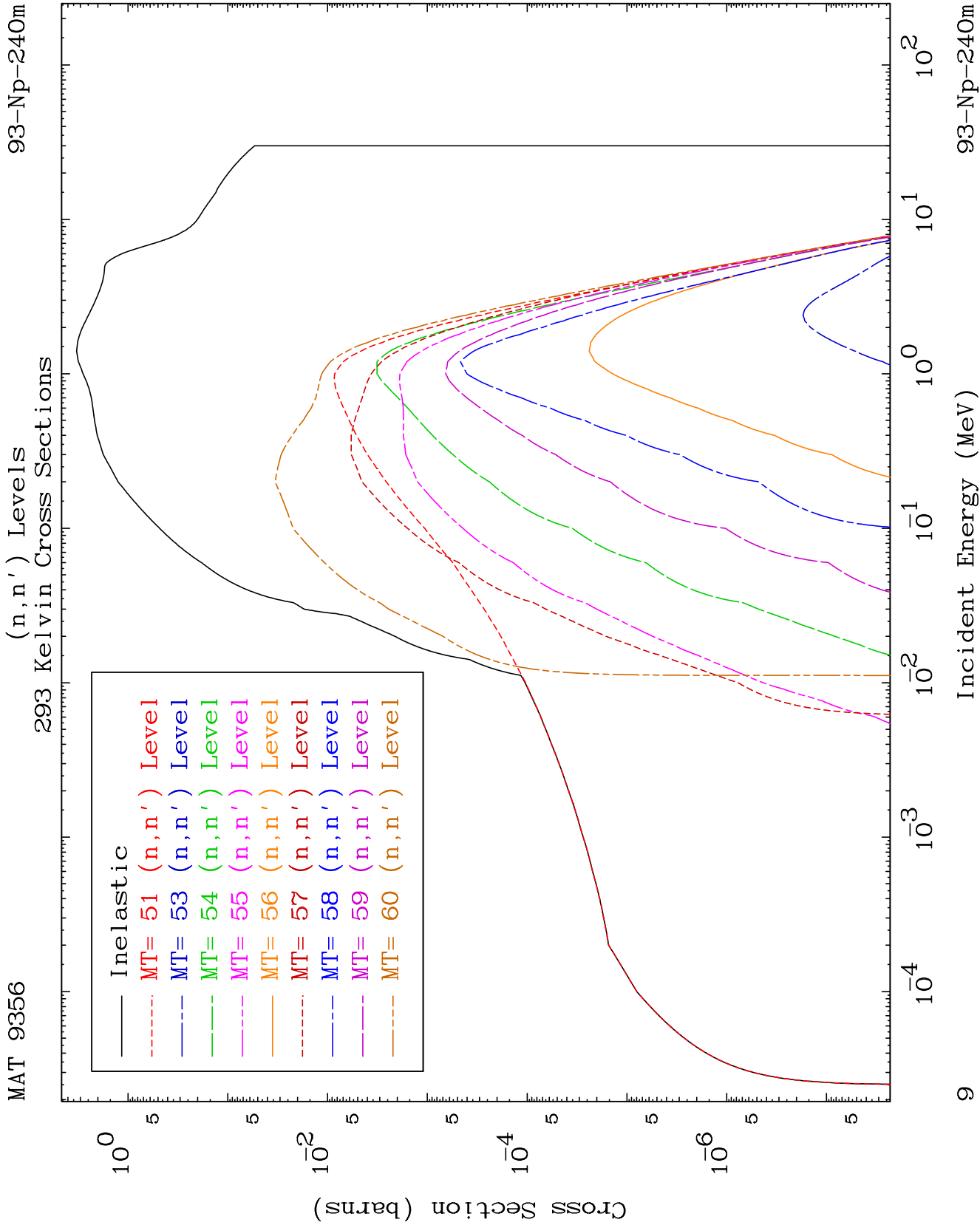
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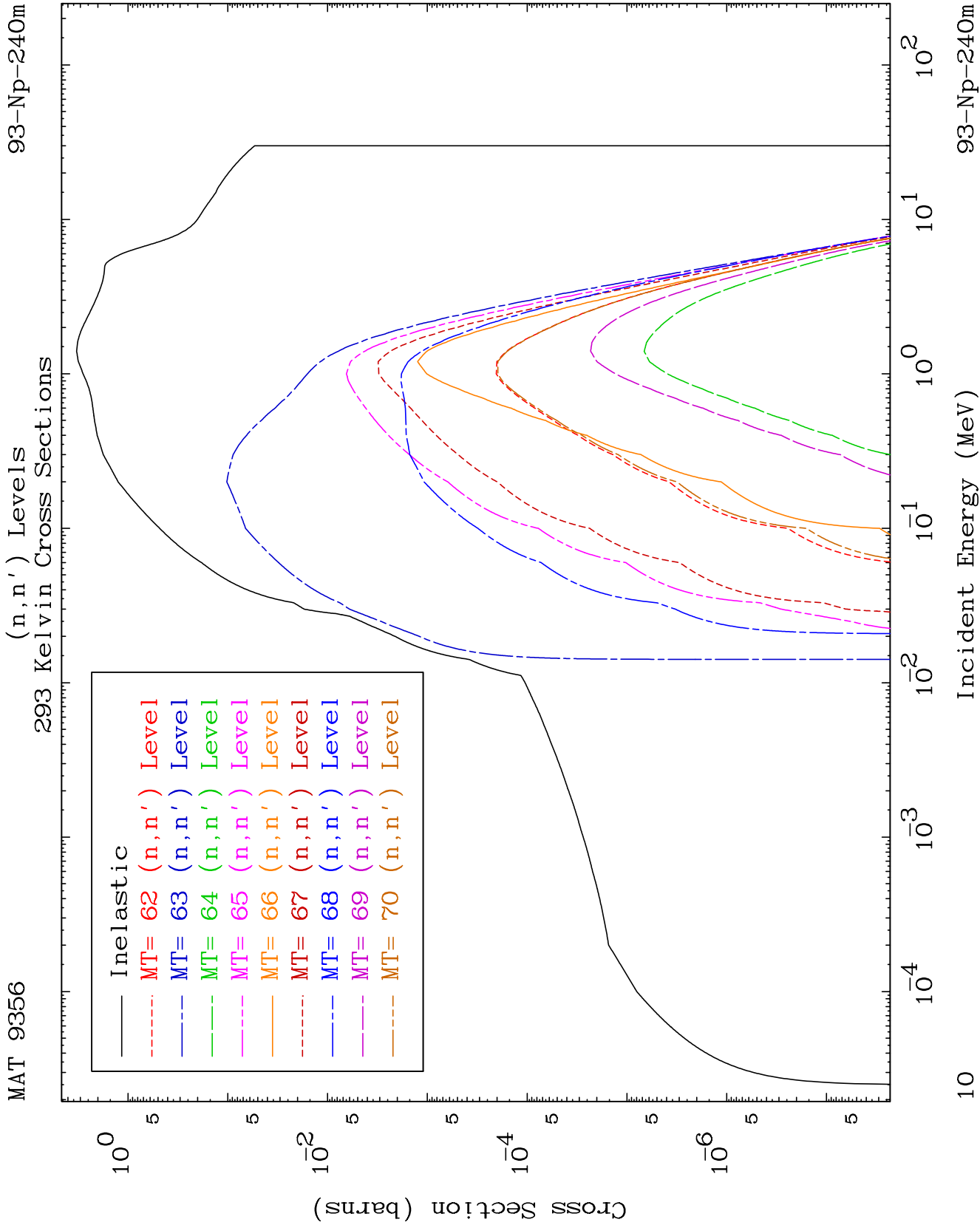
Particle Production
293 Kelvin Cross Sections

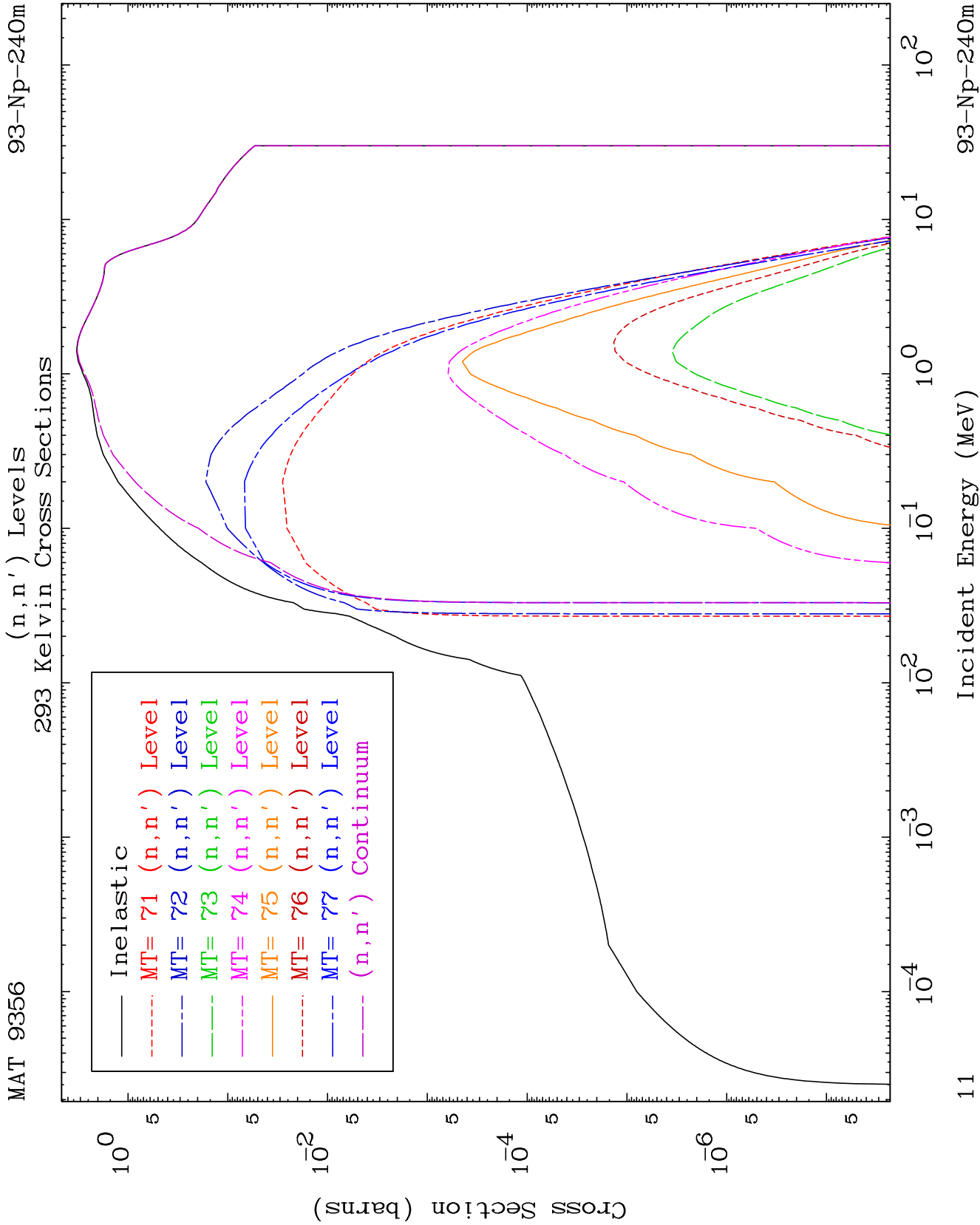
93-Np-240m







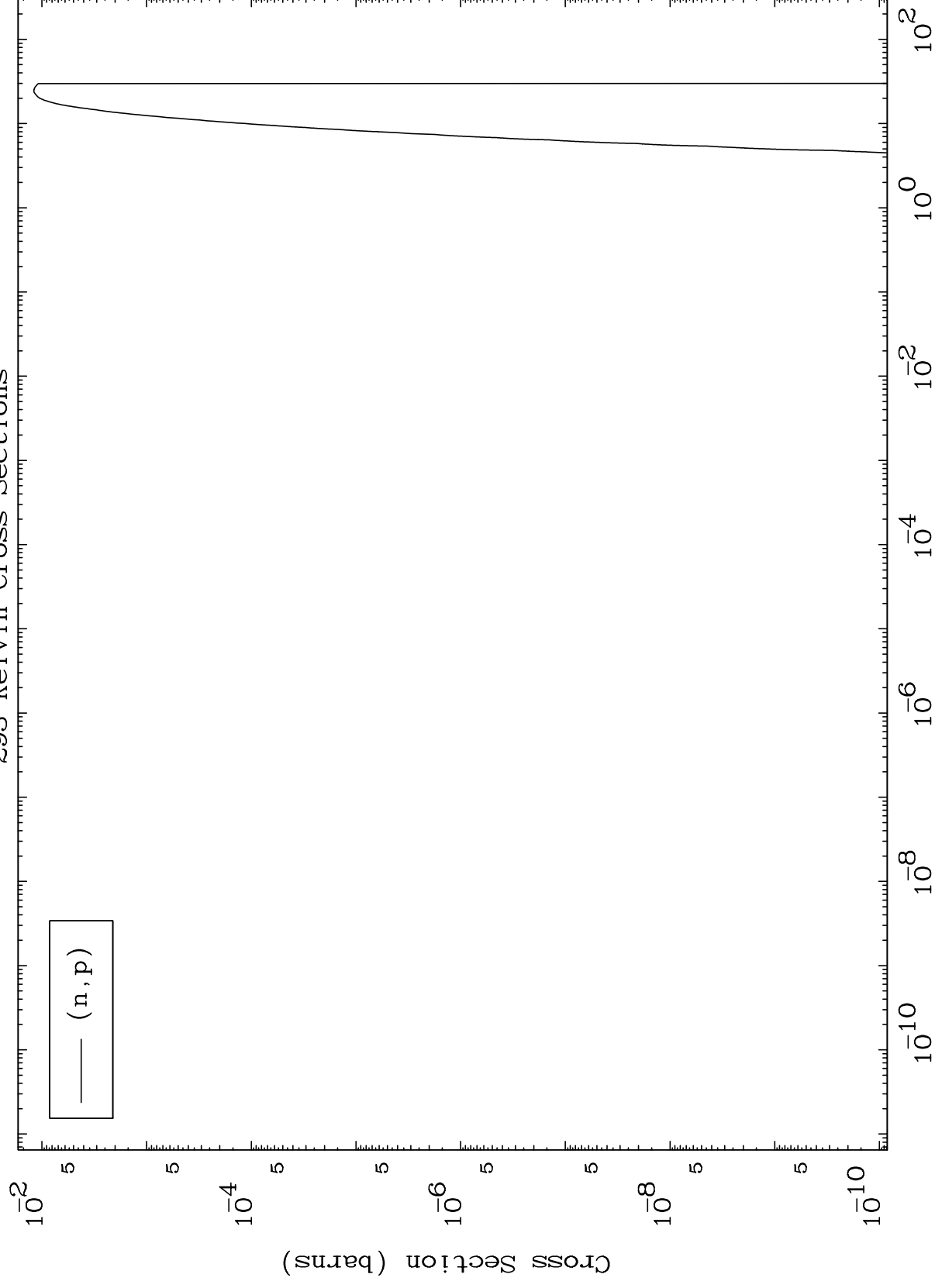




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(n, p) Levels
293 Kelvin Cross Sections

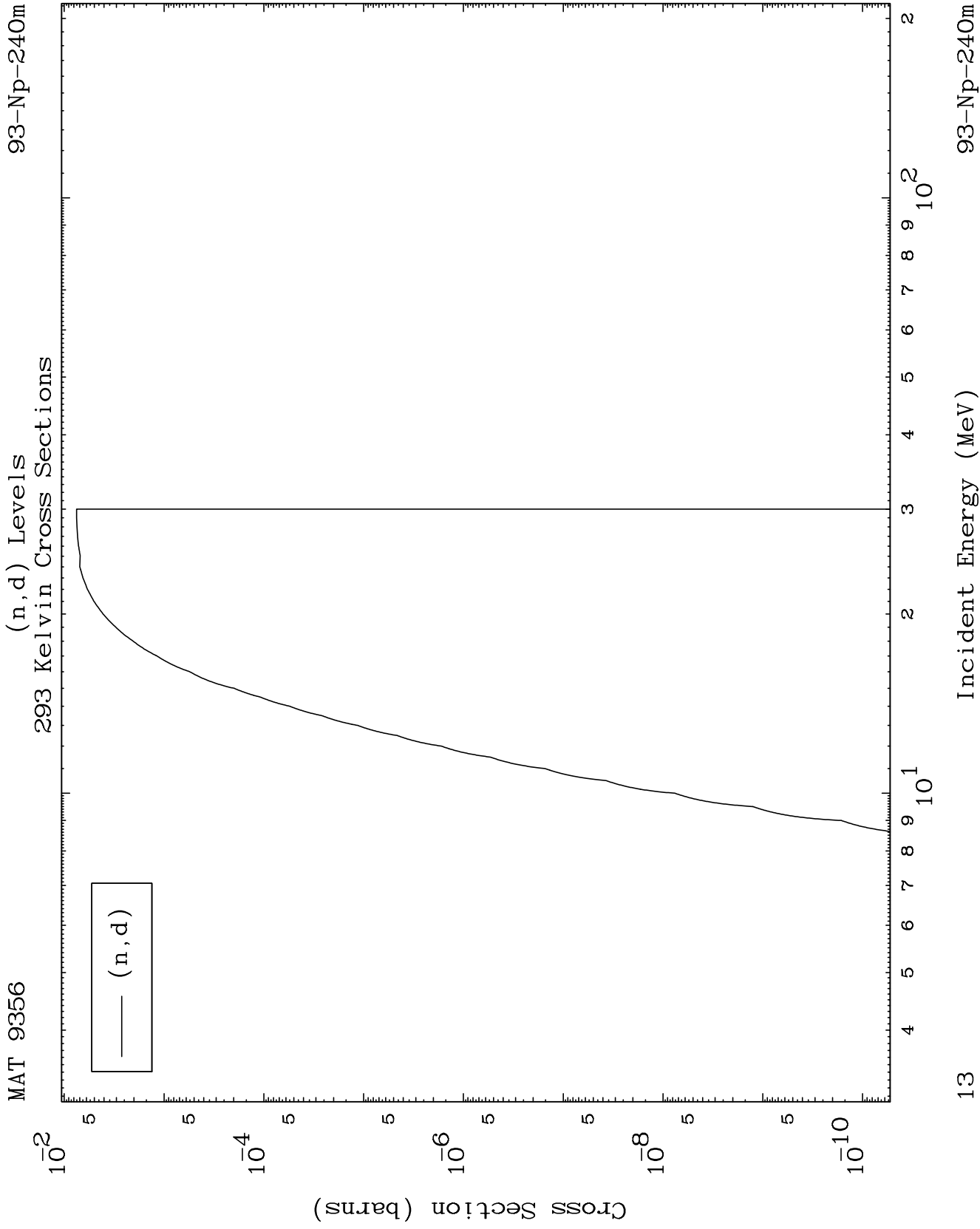
93-Np-240m



12

Incident Energy (MeV)

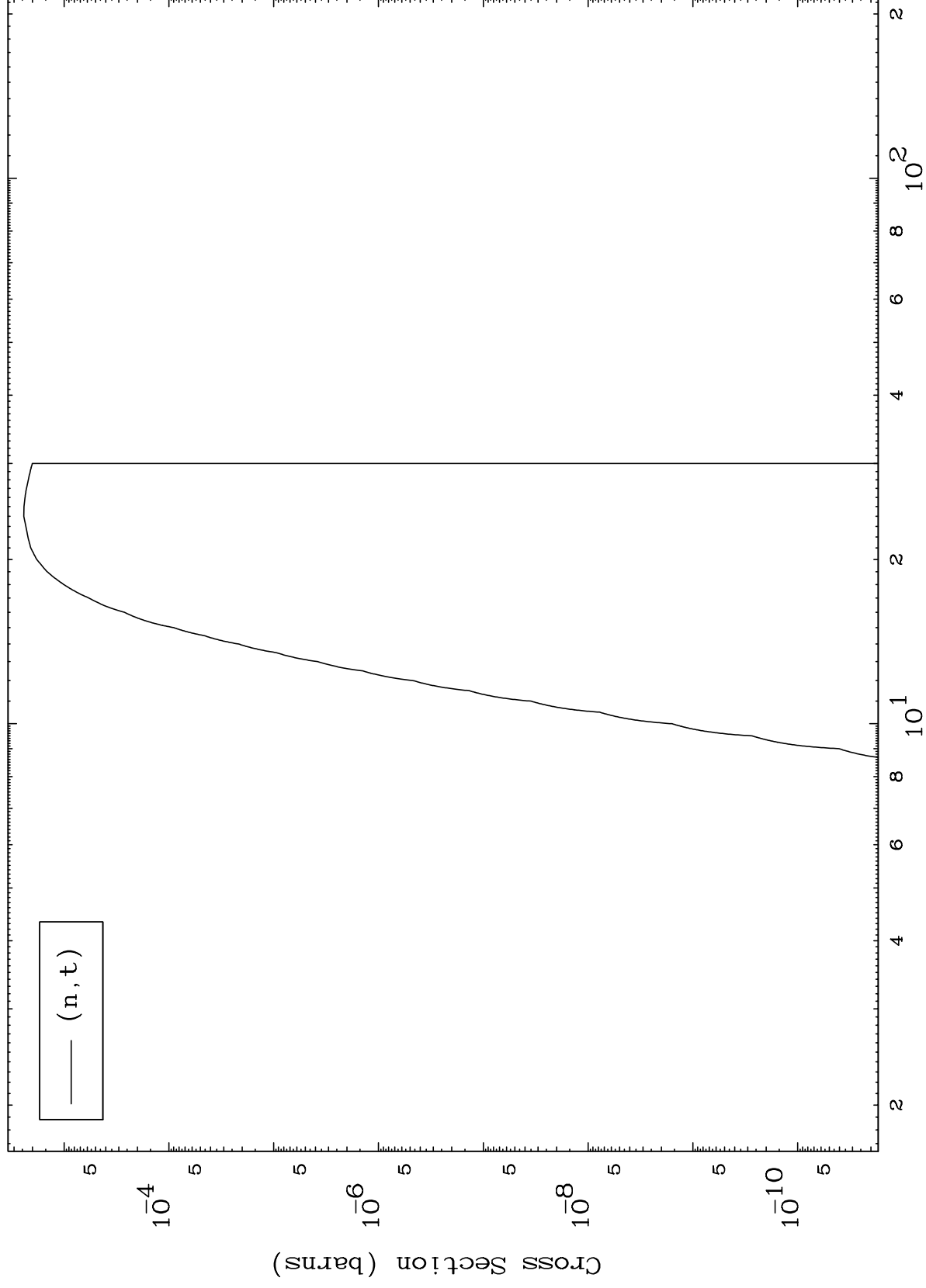
 ${}^{93}\text{Np}-240\text{m}$



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(n,t) Levels
293 Kelvin Cross Sections

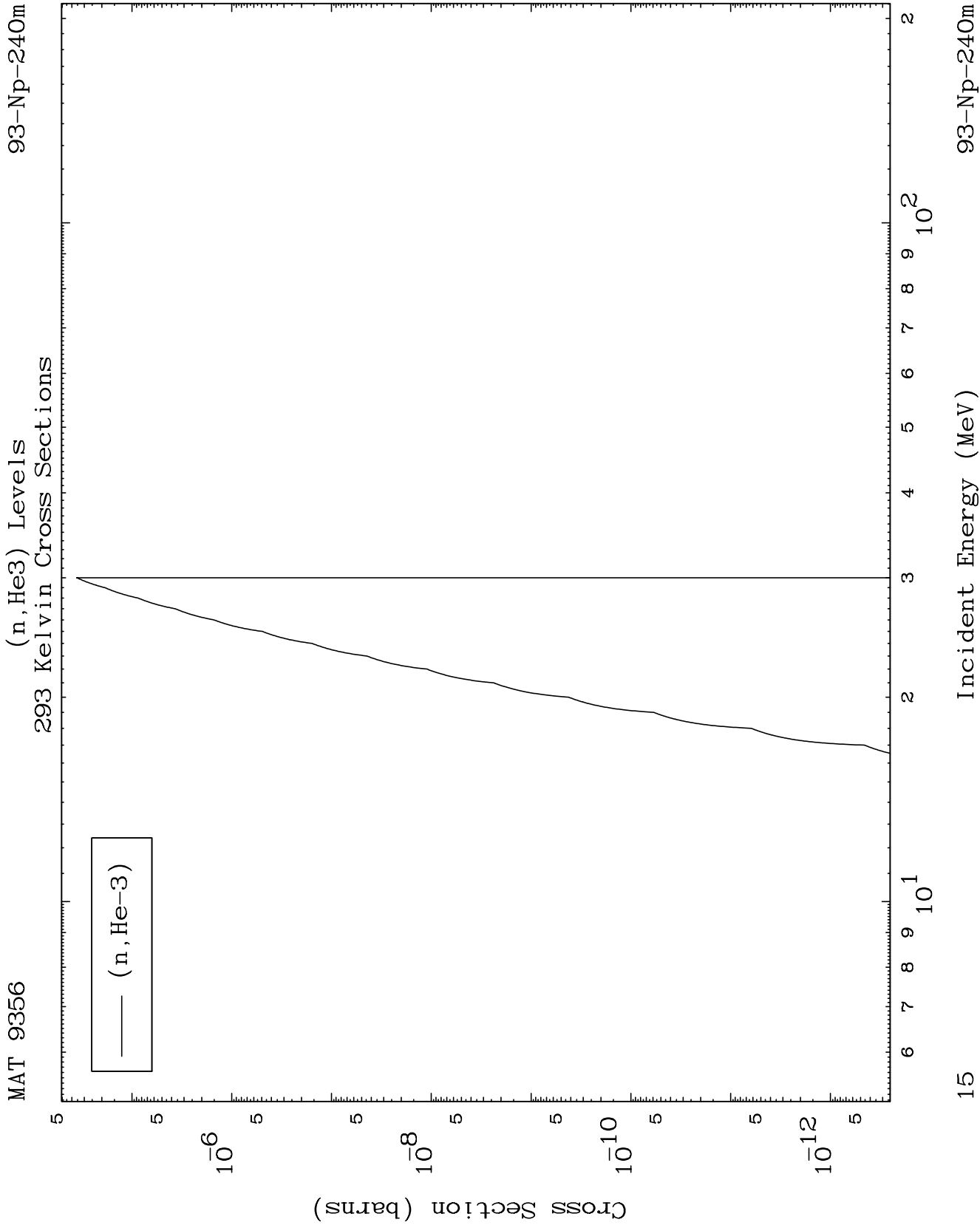
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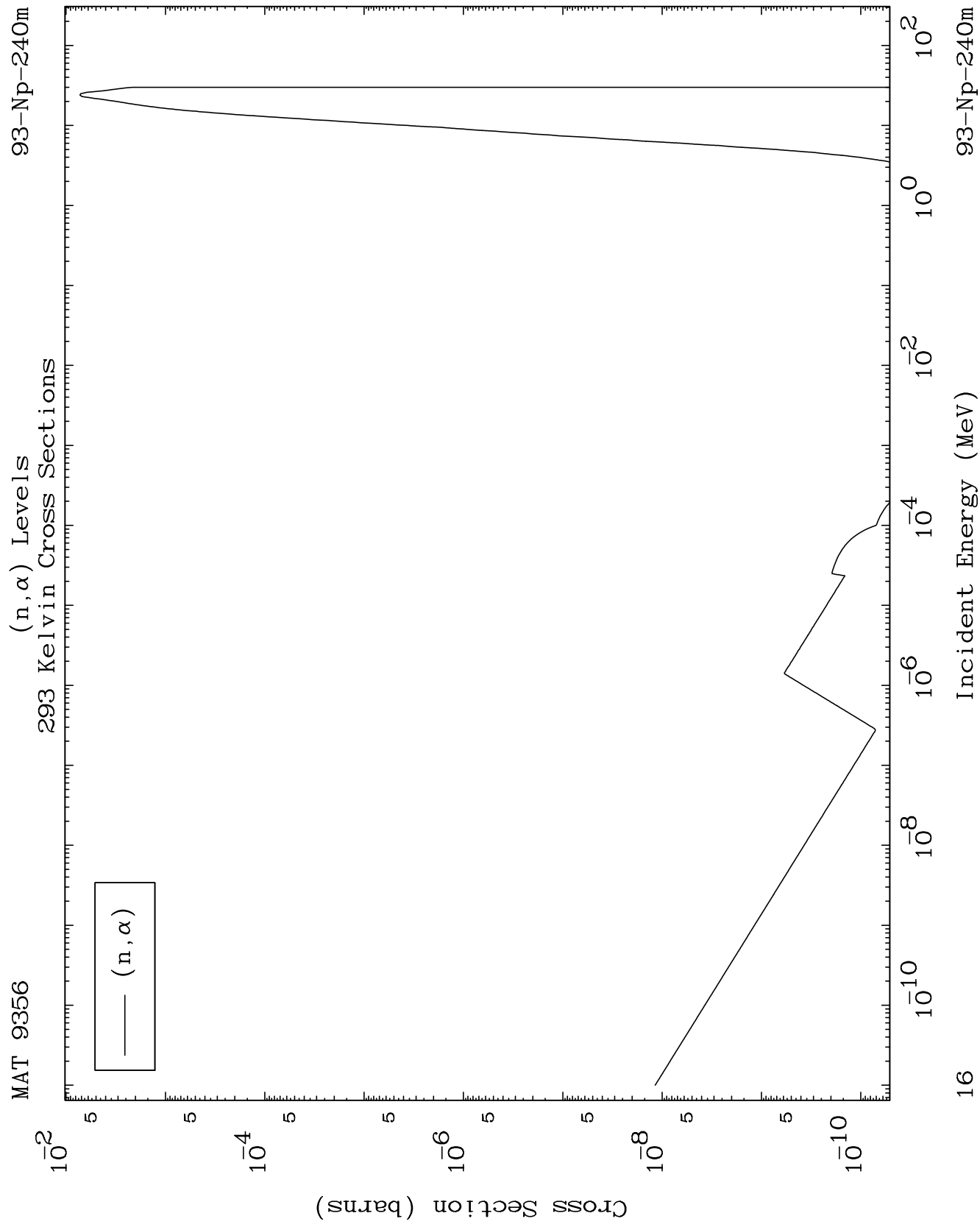


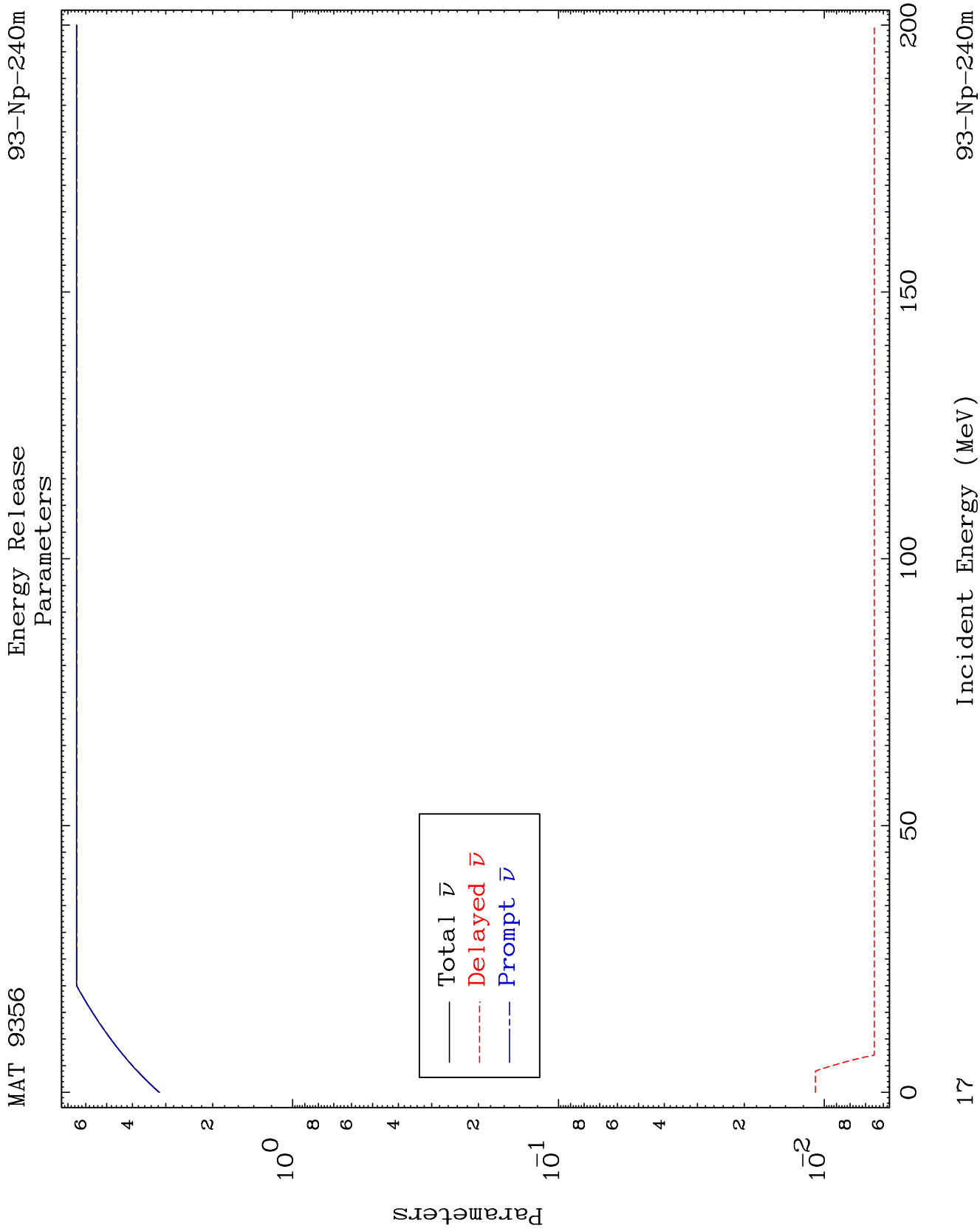
14

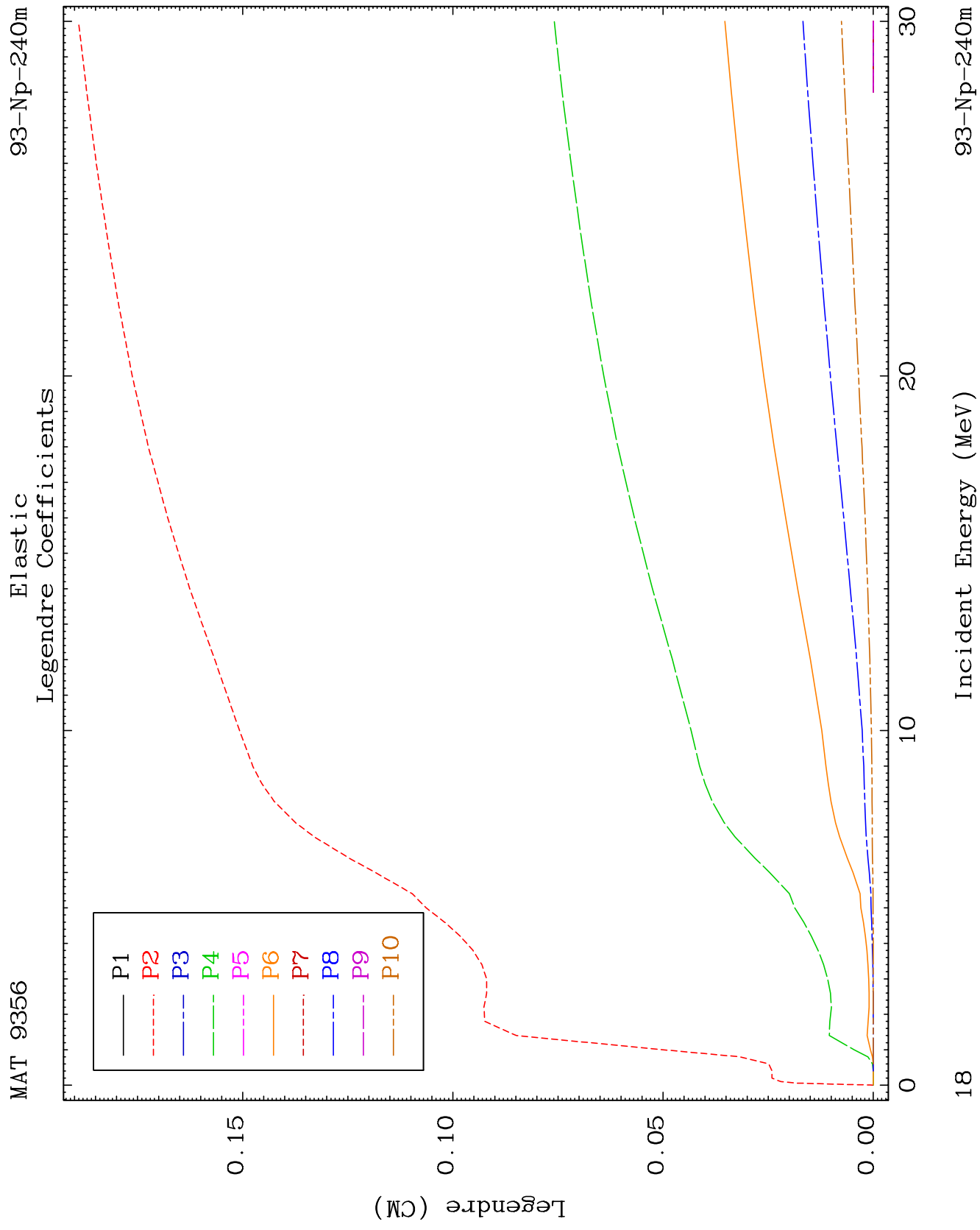
Incident Energy (MeV)

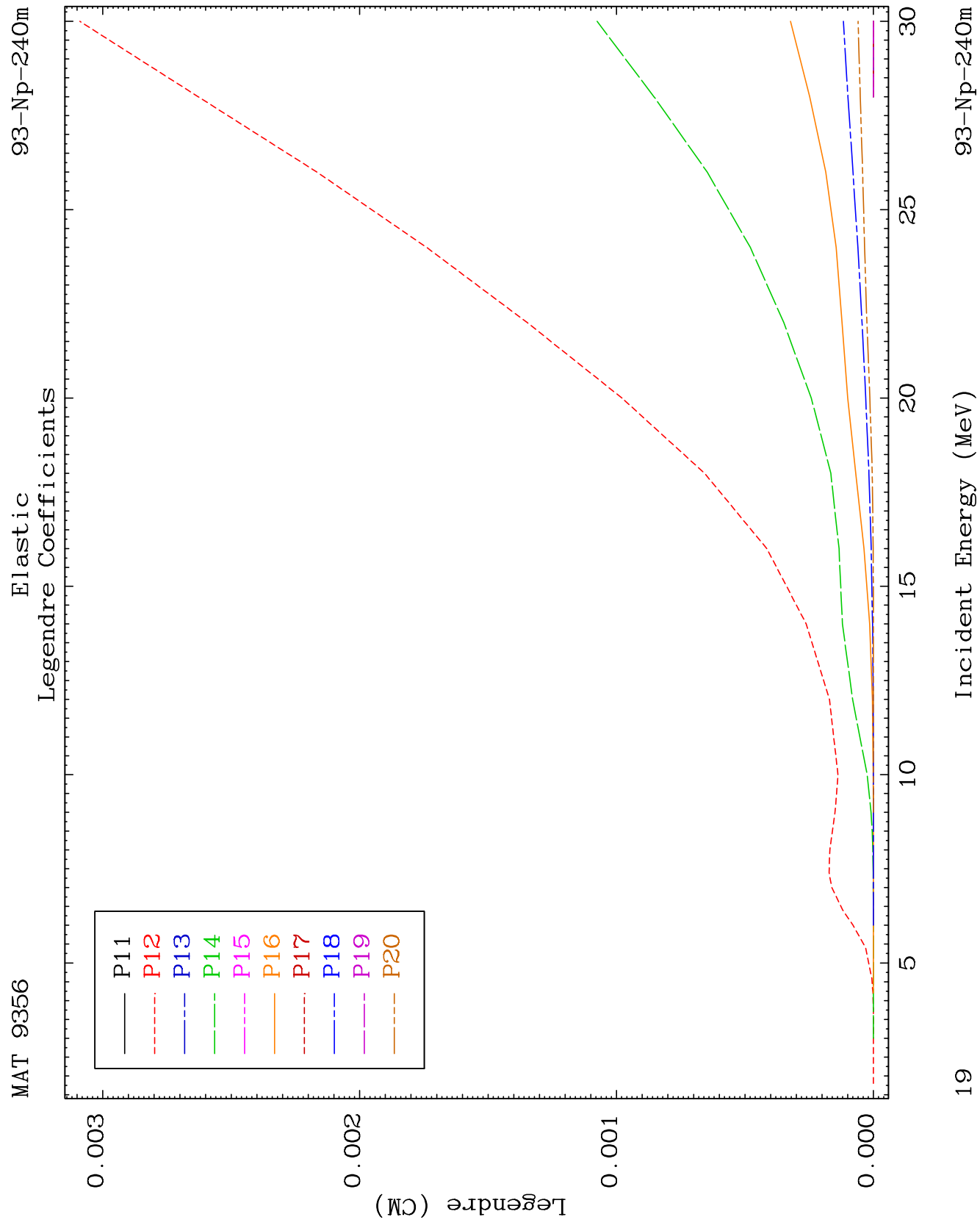
93-Np-240m

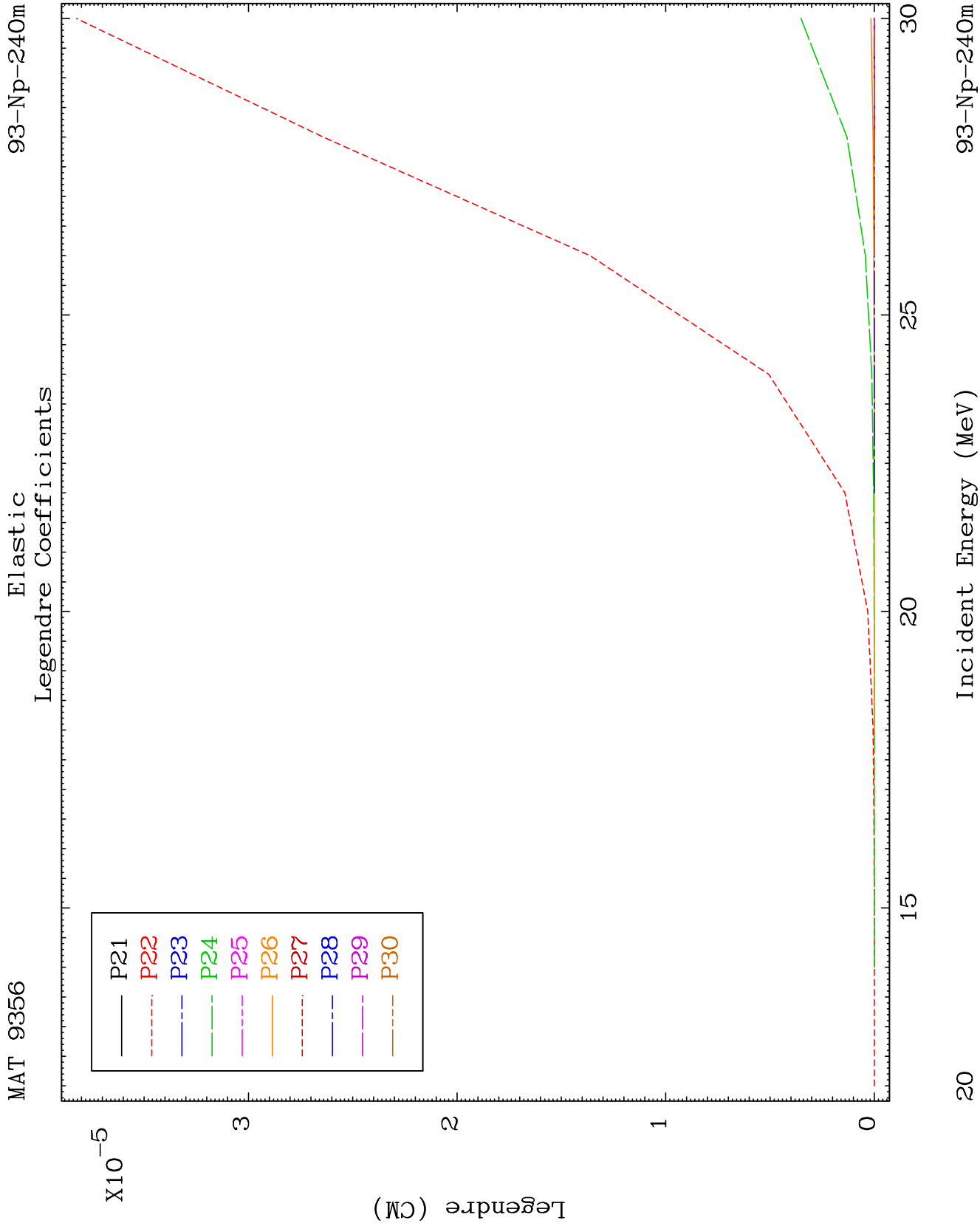








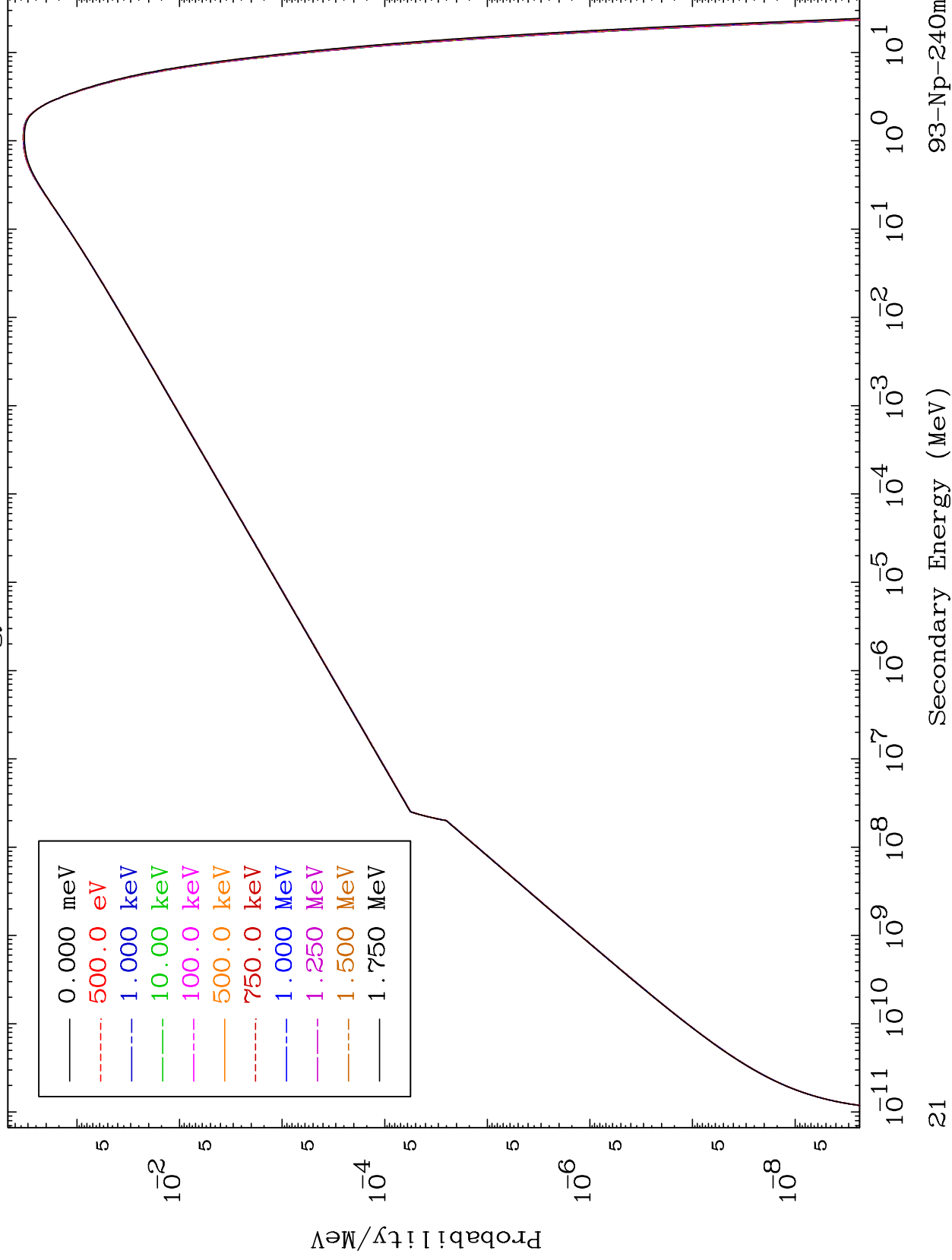




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Fission
Energy Distributions

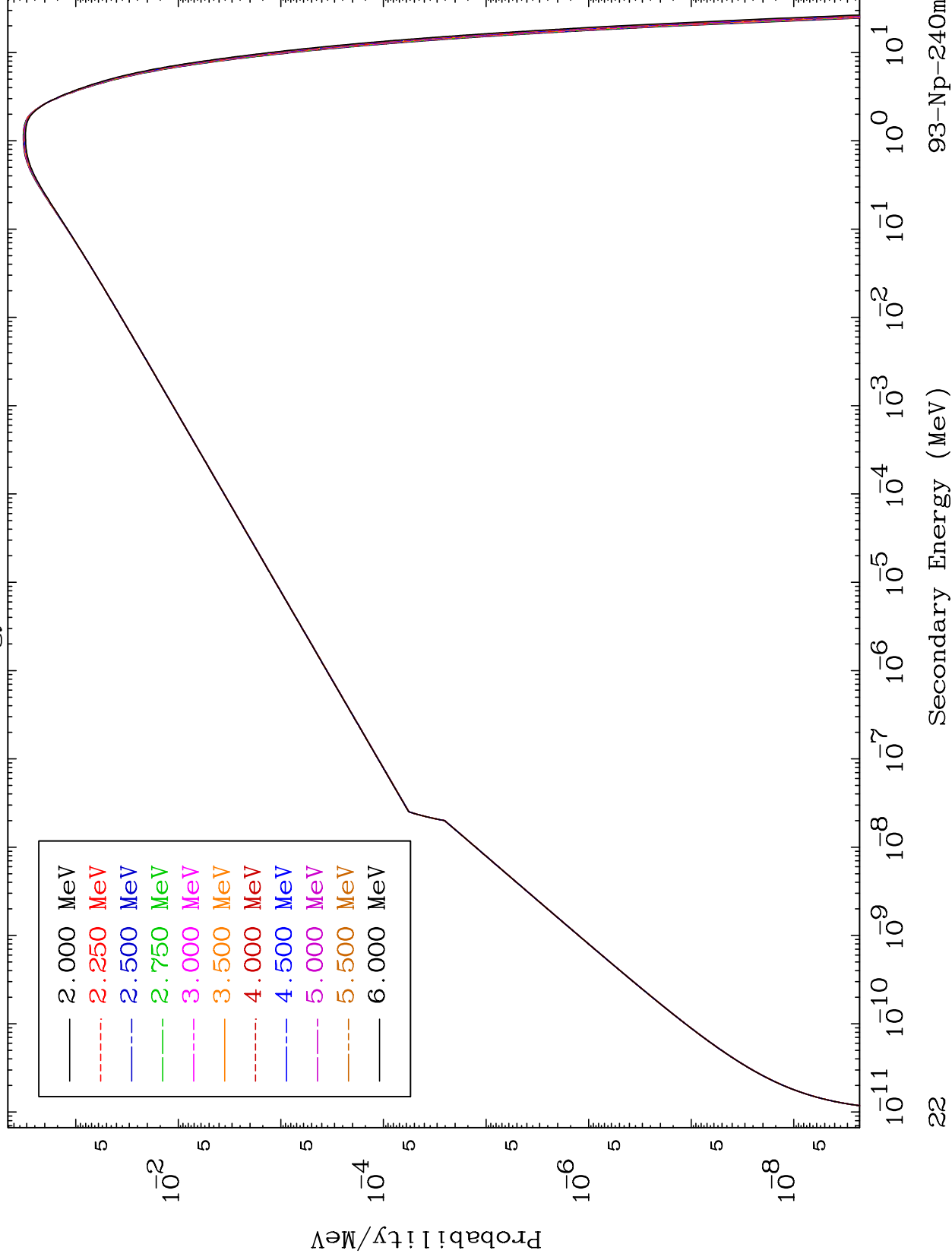
93-Np-240m



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Fission
Energy Distributions

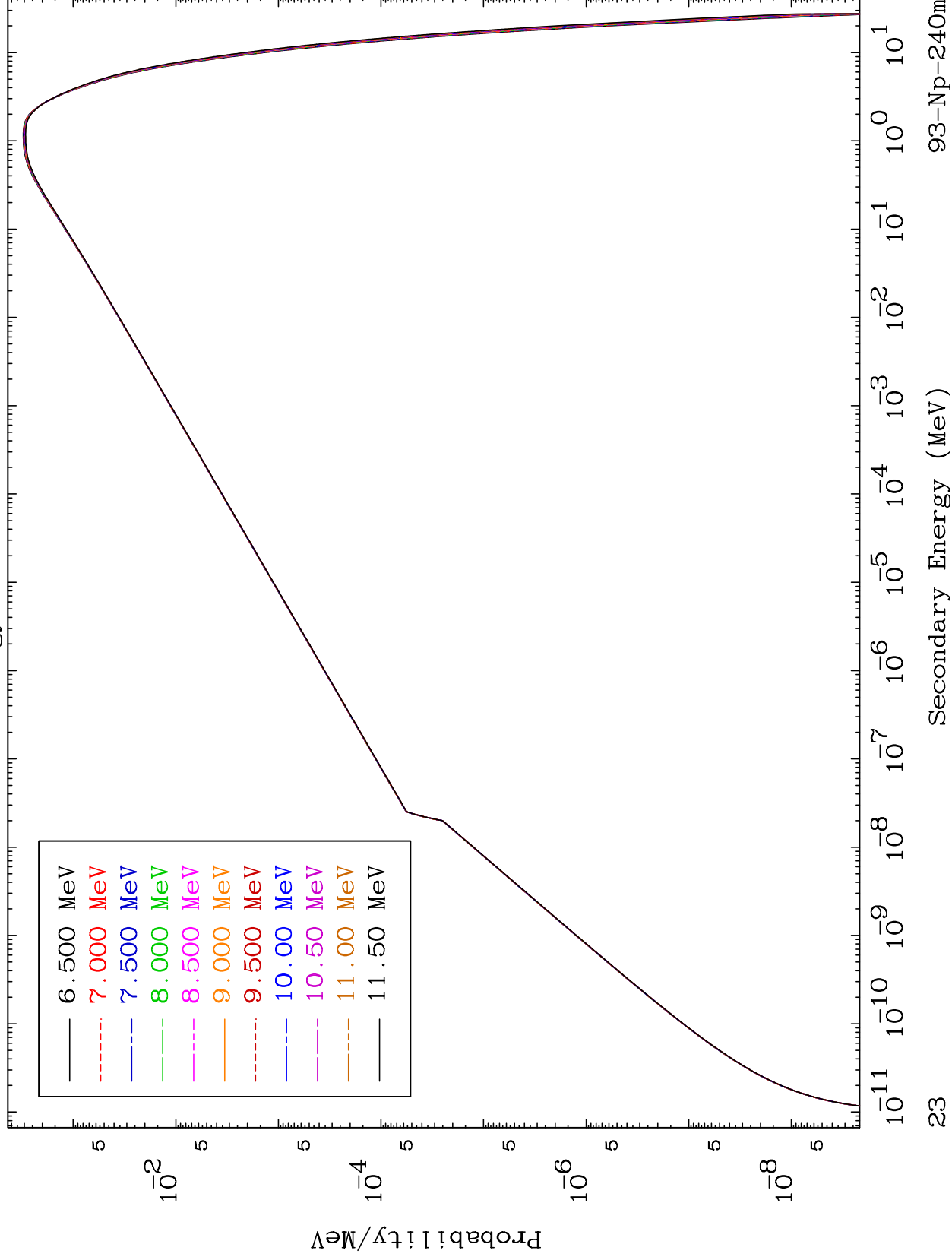
93-Np-240m



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Fission
Energy Distributions

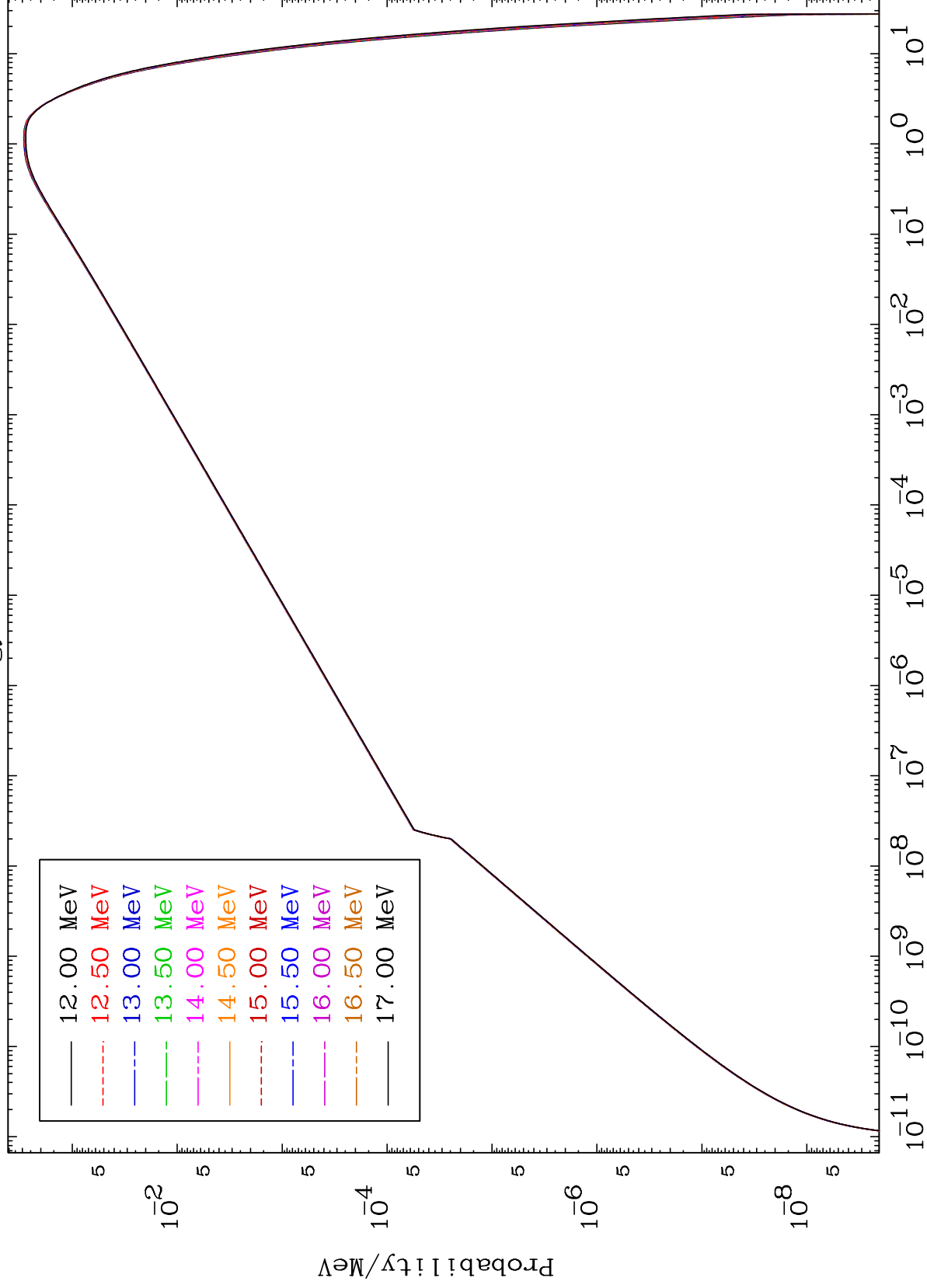
93-Np-240m



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Fission
Energy Distributions

93-Np-240m



93-Np-240m

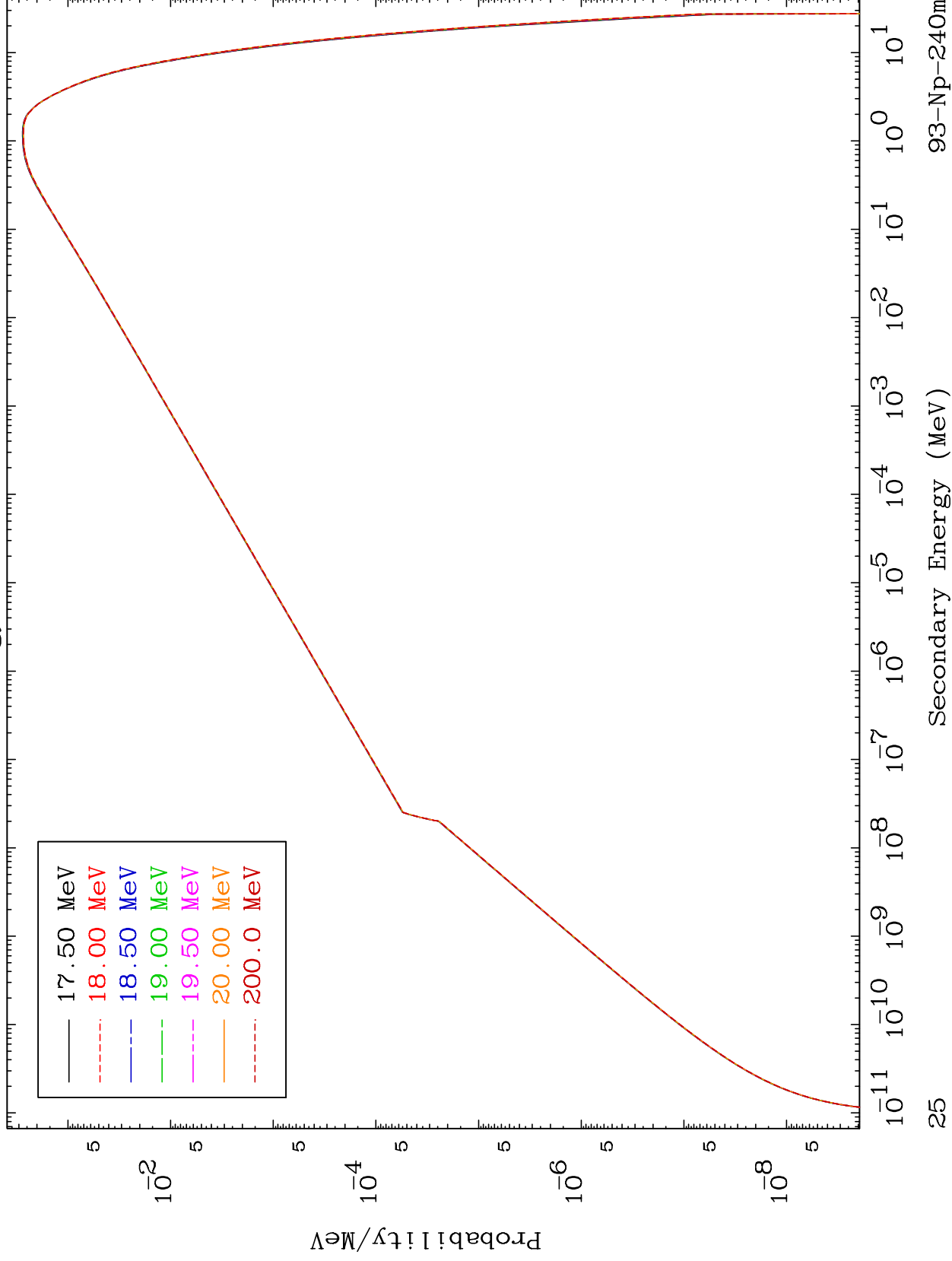
Secondary Energy (MeV)

24

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Fission
Energy Distributions

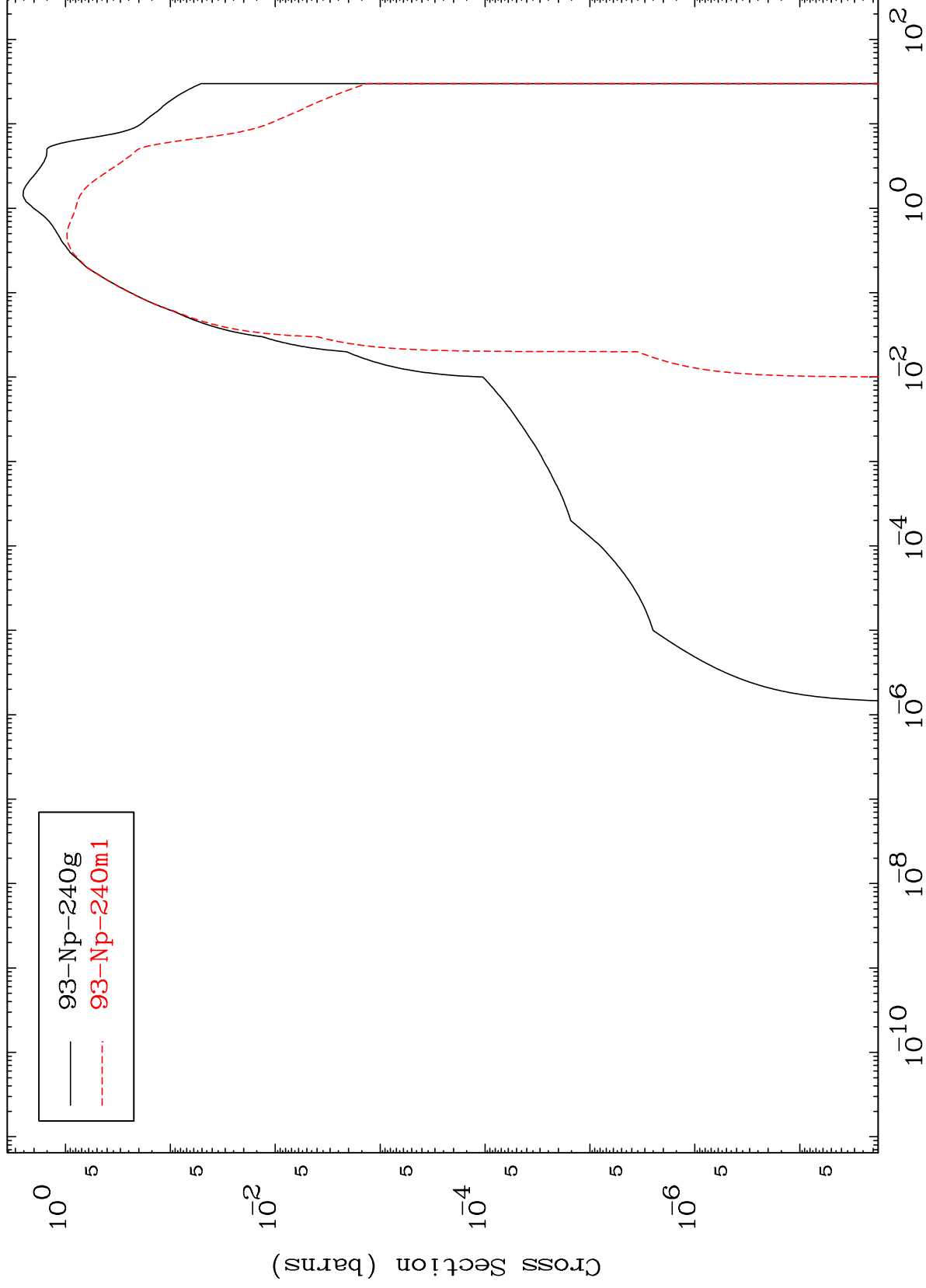
93-Np-240m



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Radionuclide Production Cross Section

93-Np-240m



26

Incident Energy (MeV)

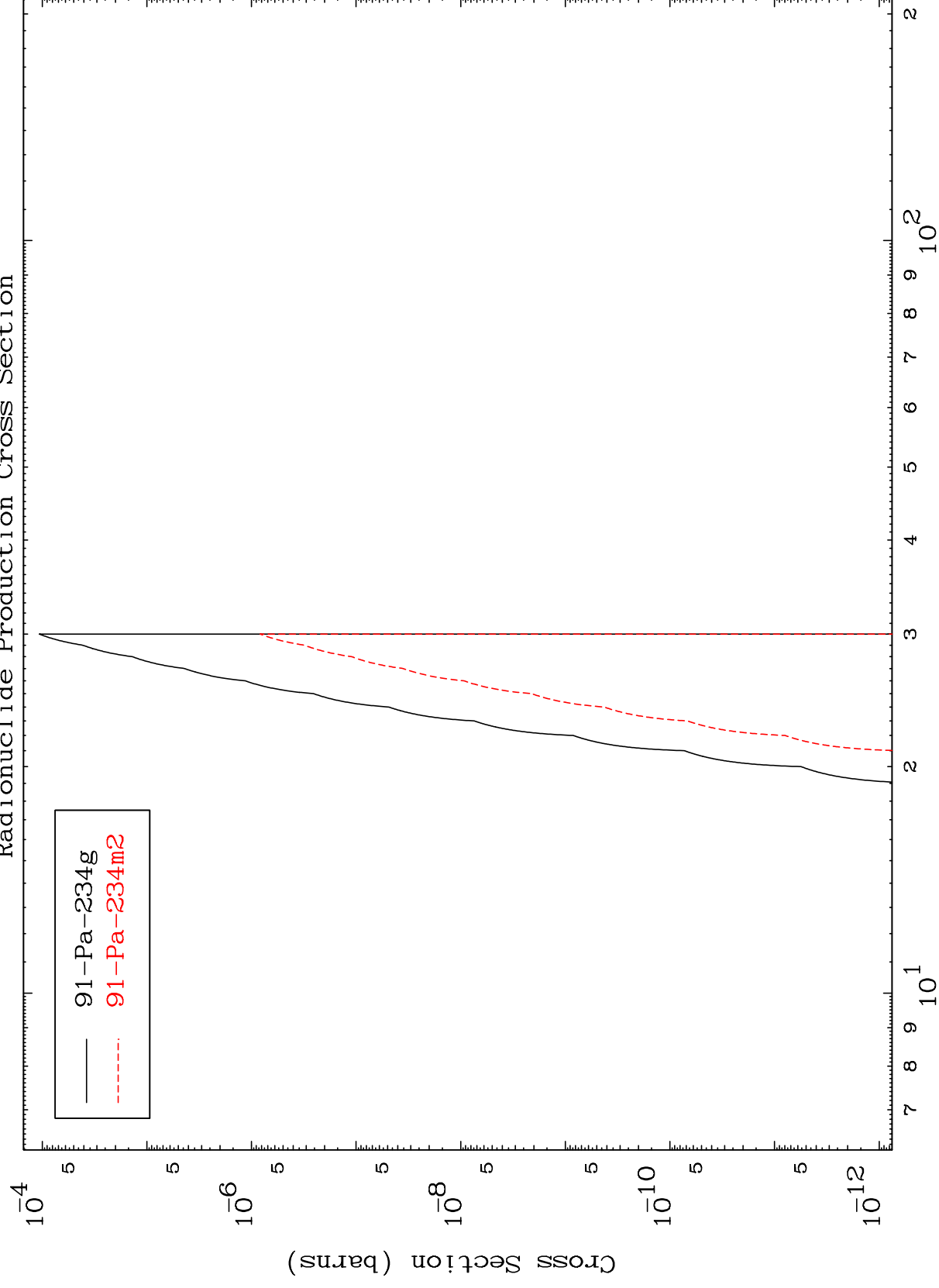
93-Np-240m

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93-Np-240m

$$(n, 3n) \propto$$

Radionuclide Production Cross Section



22

Incident Energy (MeV)

 ${}^{93}\text{Np-240m}$