

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

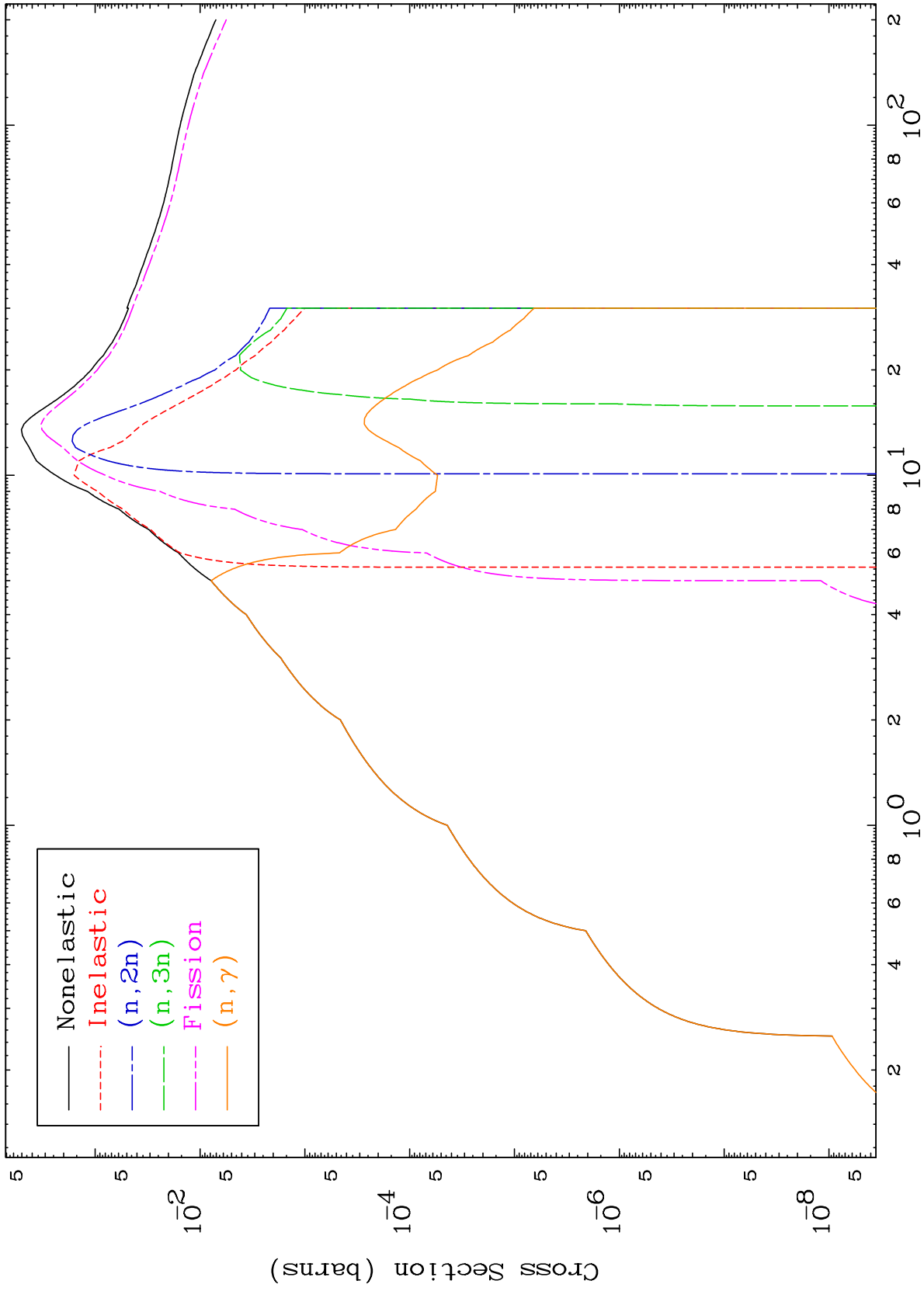
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9370

Photon Major
0 Kelvin Cross Sections

93-Np-245



1

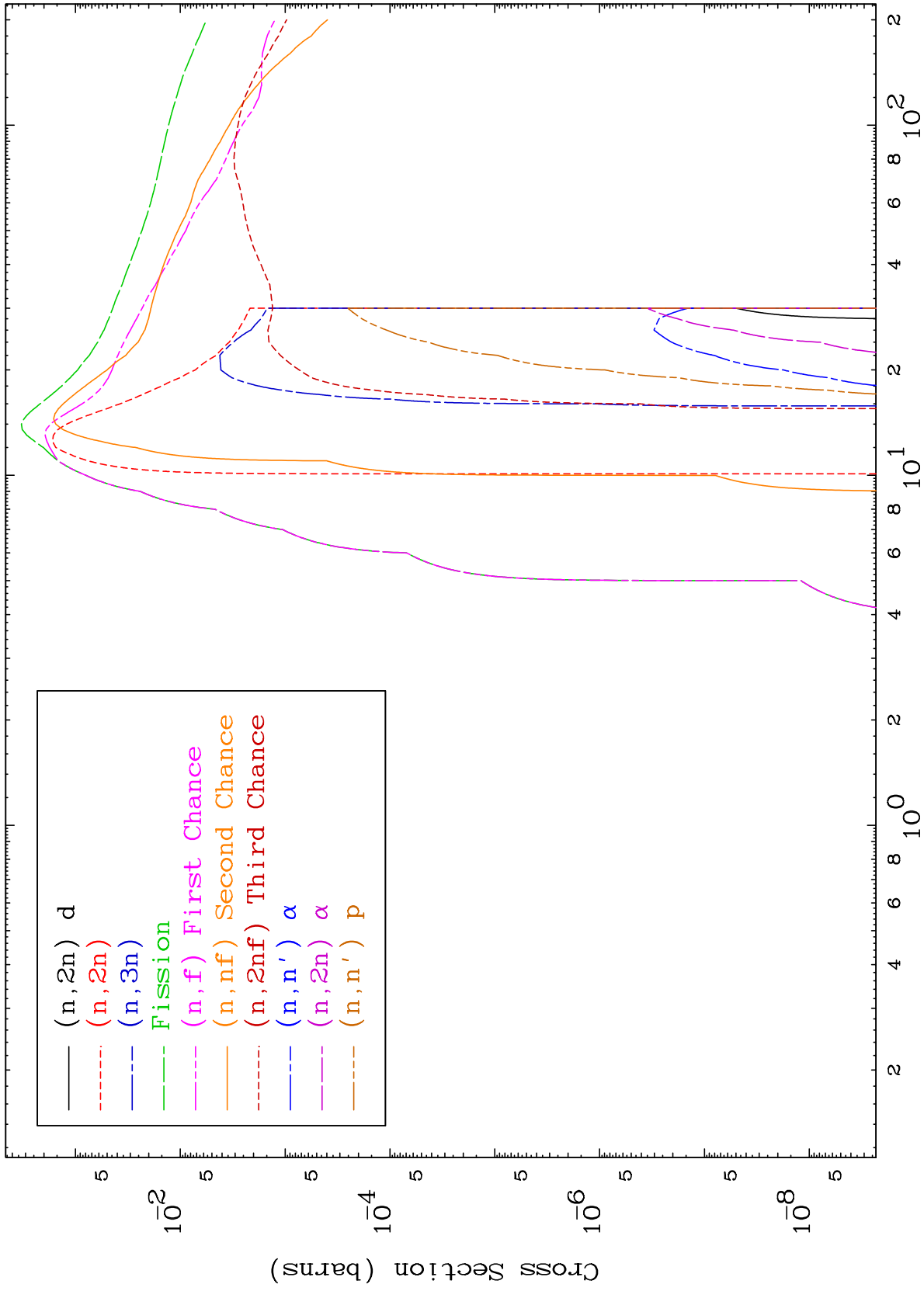
Incident Energy (MeV)

93-Np-245

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Photon Neutron Absorption
0 Kelvin Cross Sections

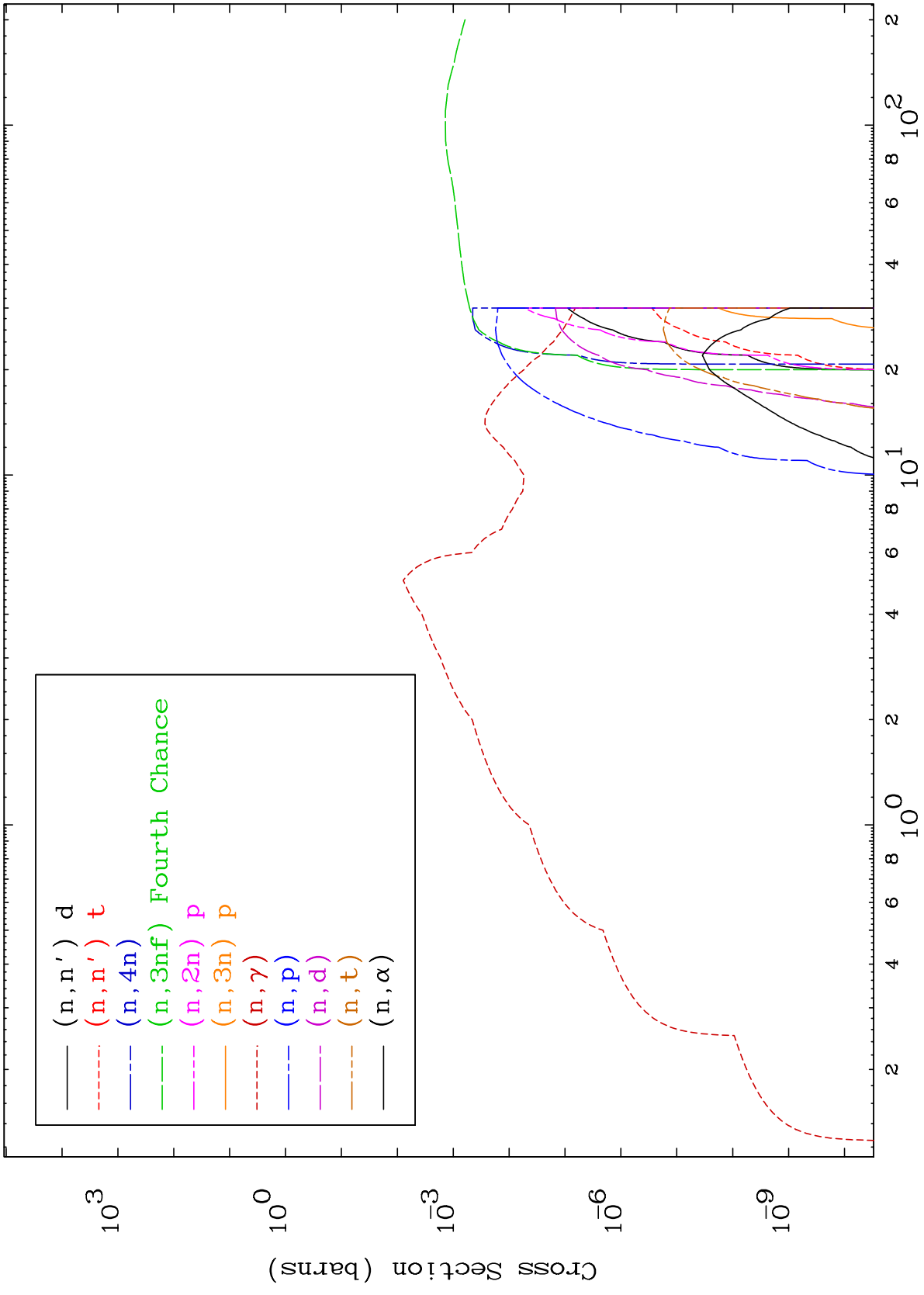
93-Np-245

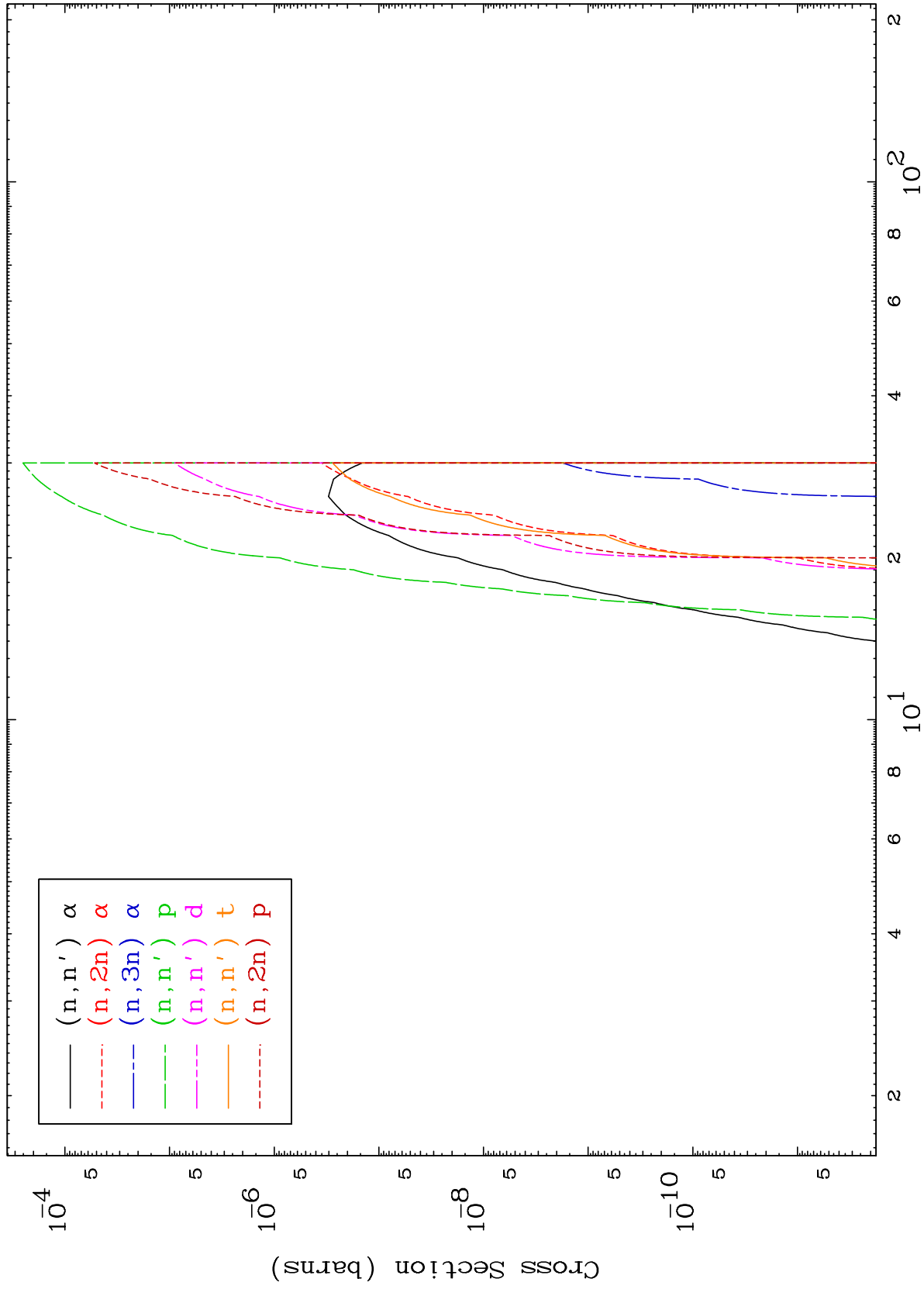


2

Incident Energy (MeV)

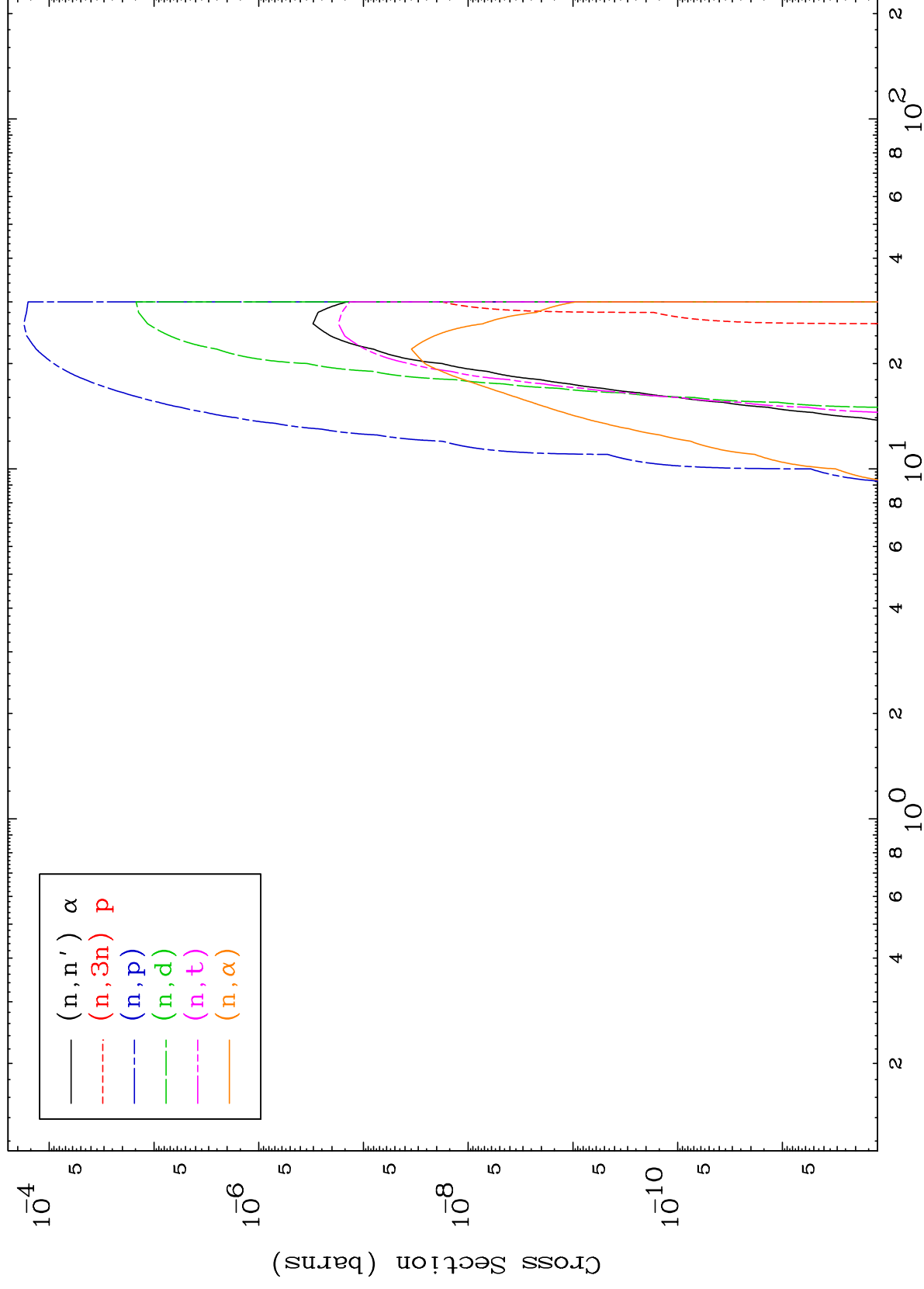
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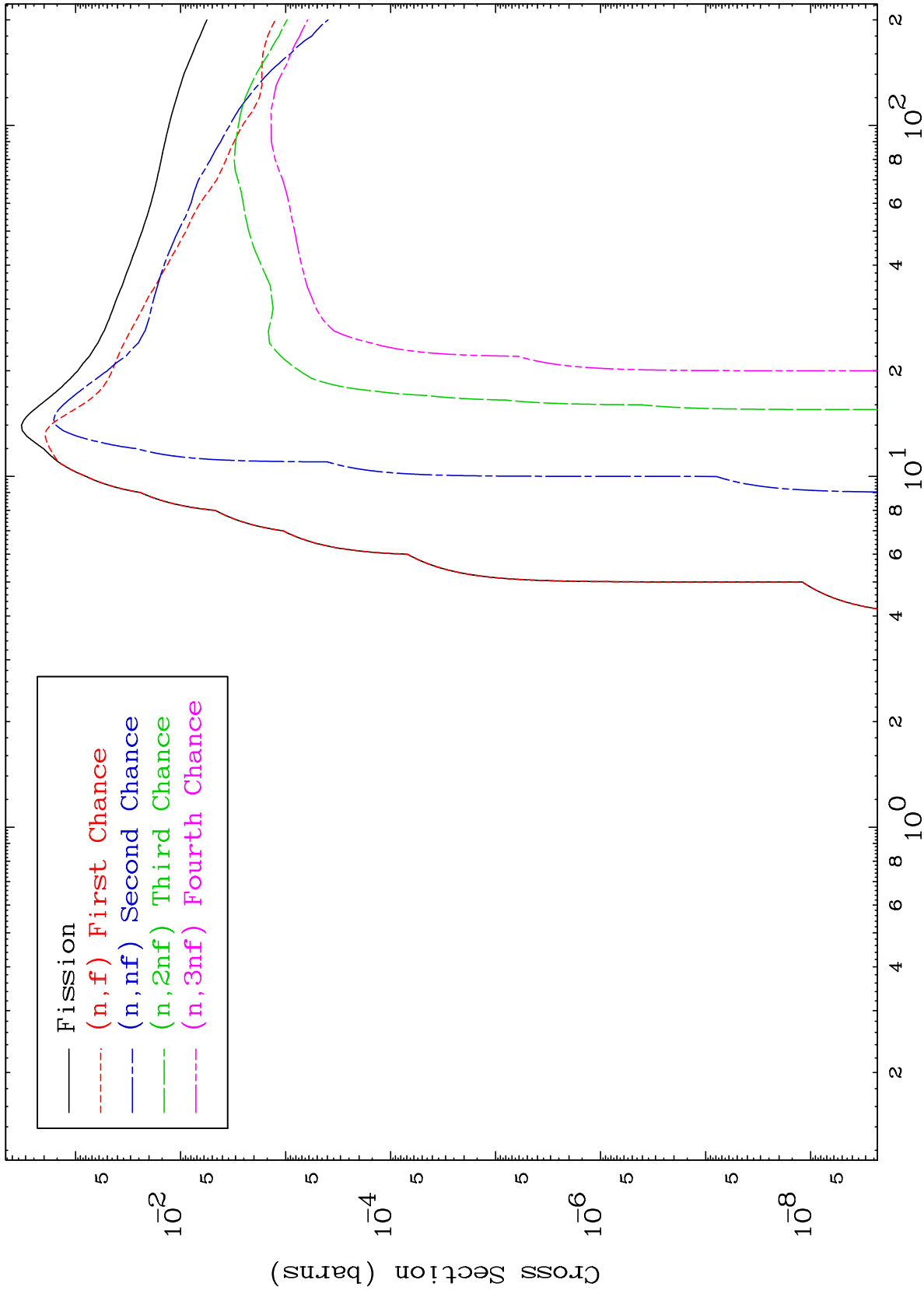




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Photon Charged Particle 0 Kelvin Cross Sections

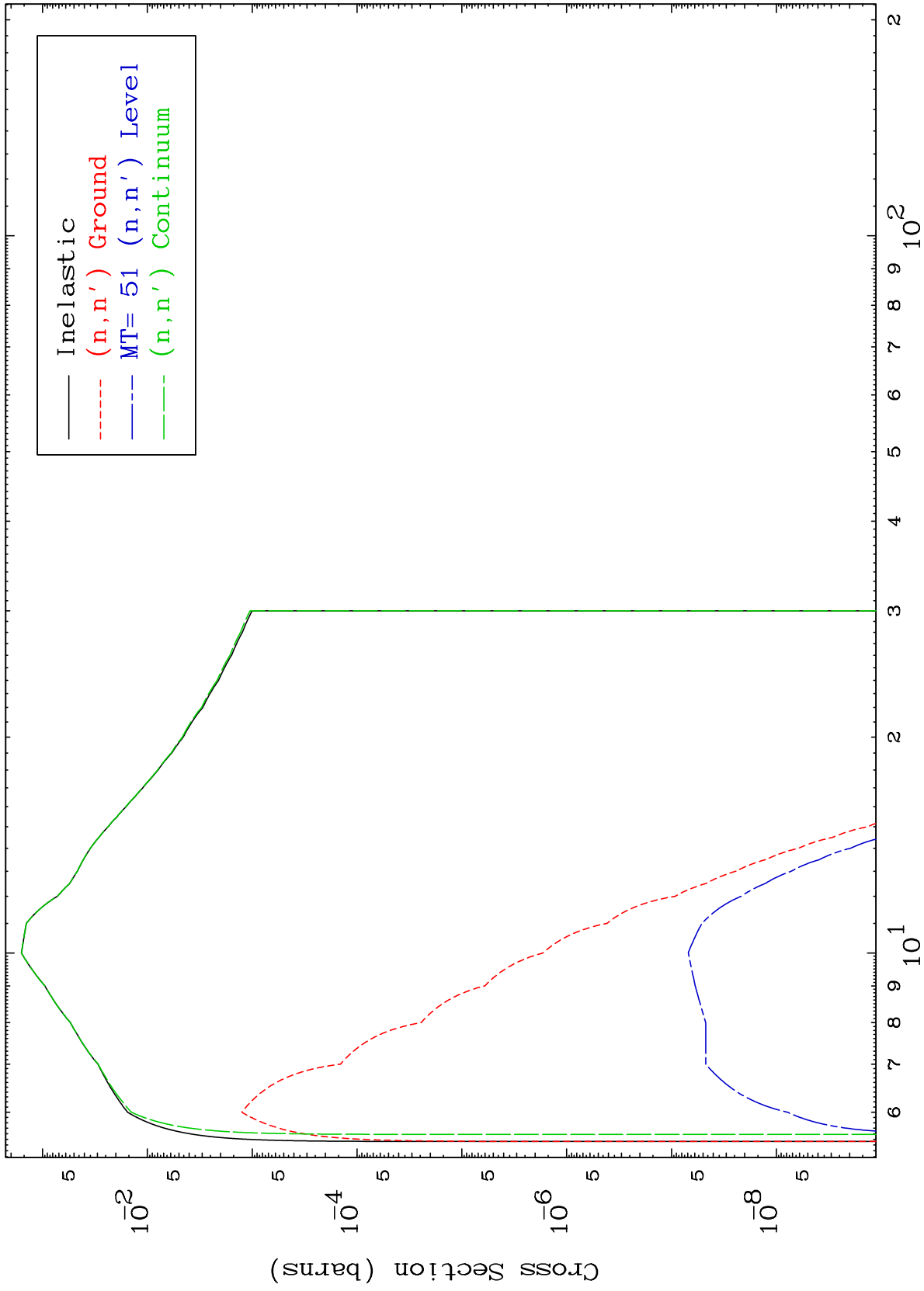
 ${}^{93}\text{Nb}-245$ 



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(γ, n') Levels
0 Kelvin Cross Sections

93-Np-245



7

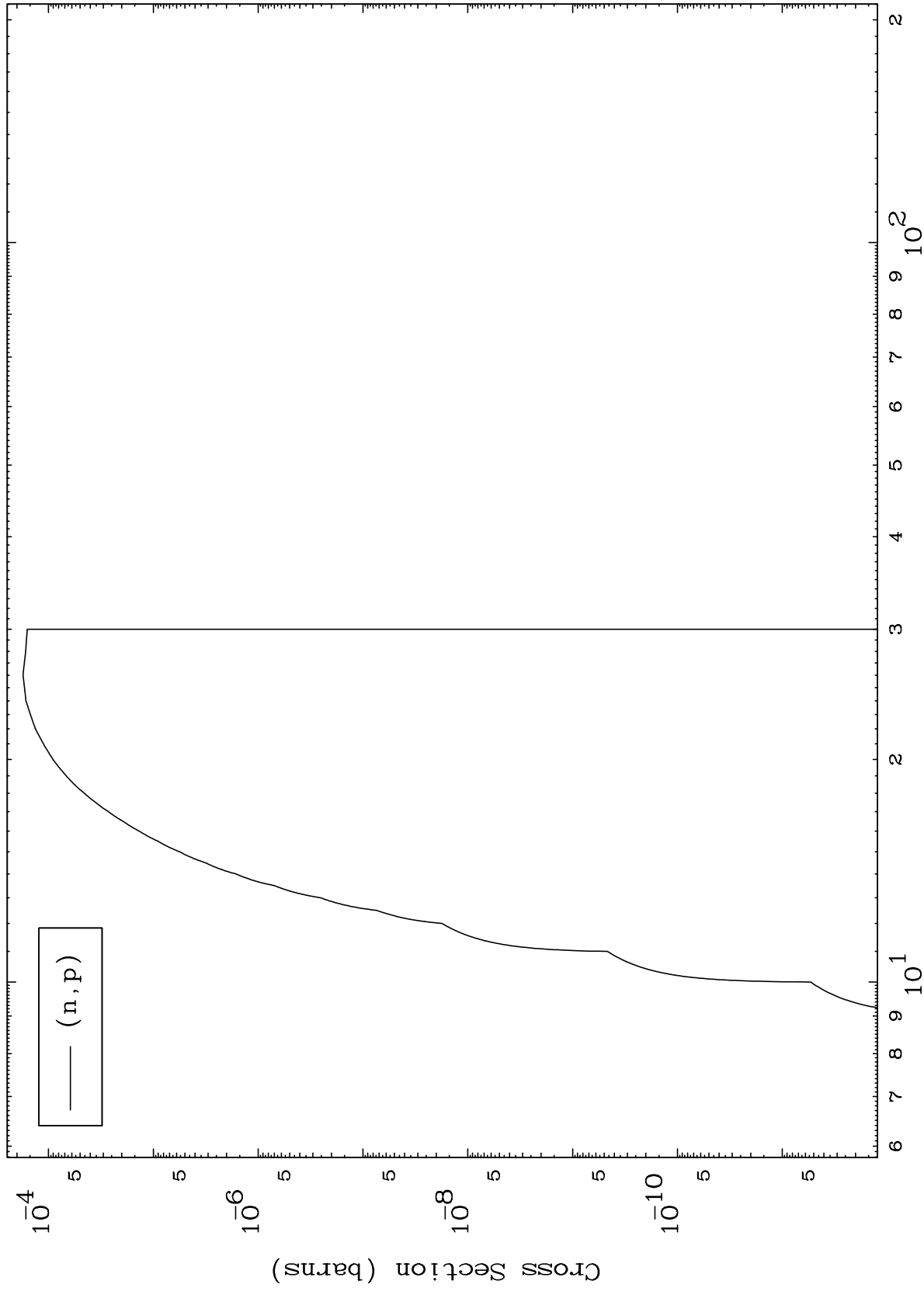
Incident Energy (MeV)

93-Np-245

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93-Np-245

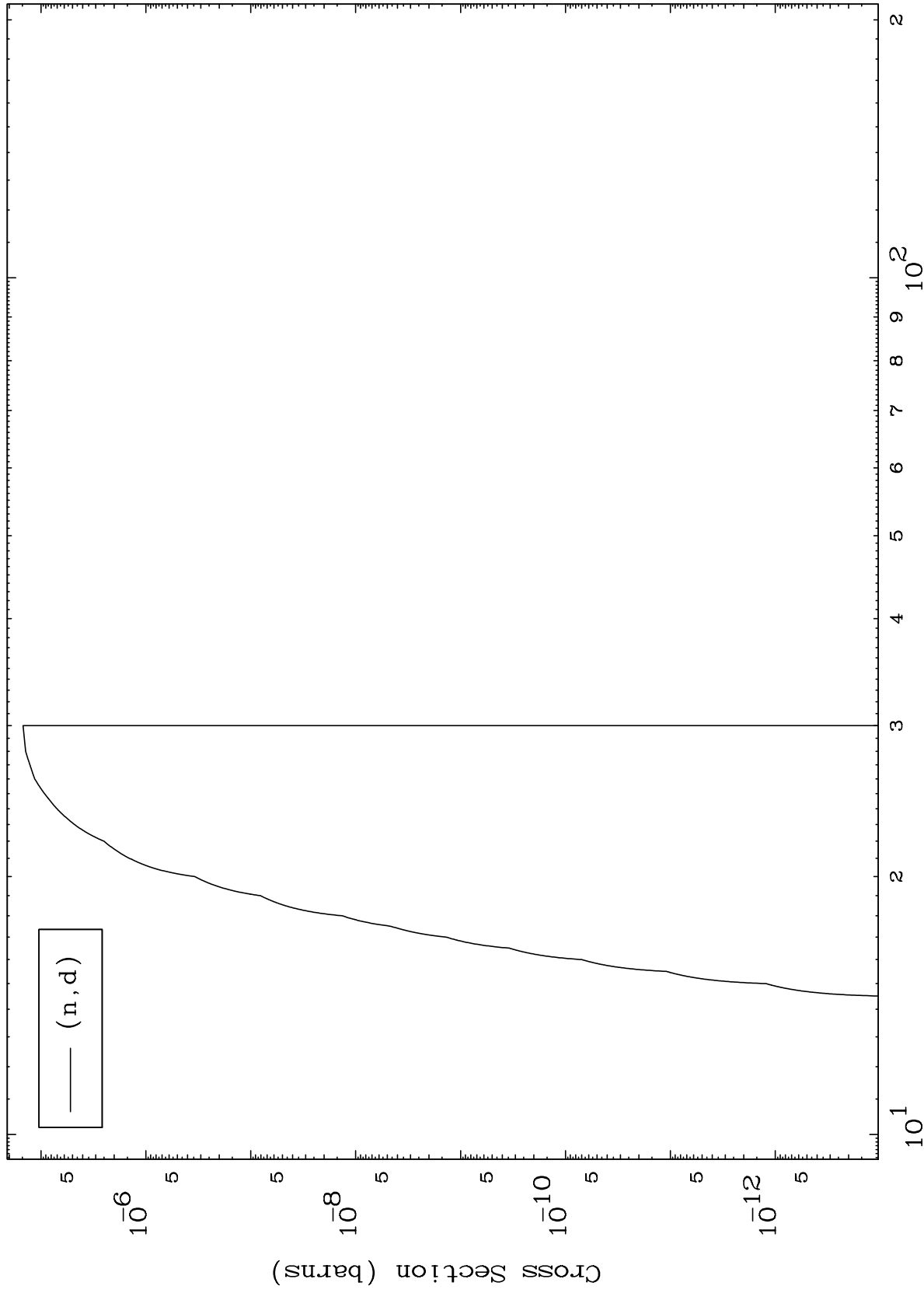
(γ ,p) Levels
0 Kelvin Cross Sections



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(γ ,d) Levels
0 Kelvin Cross Sections

93-Np-245



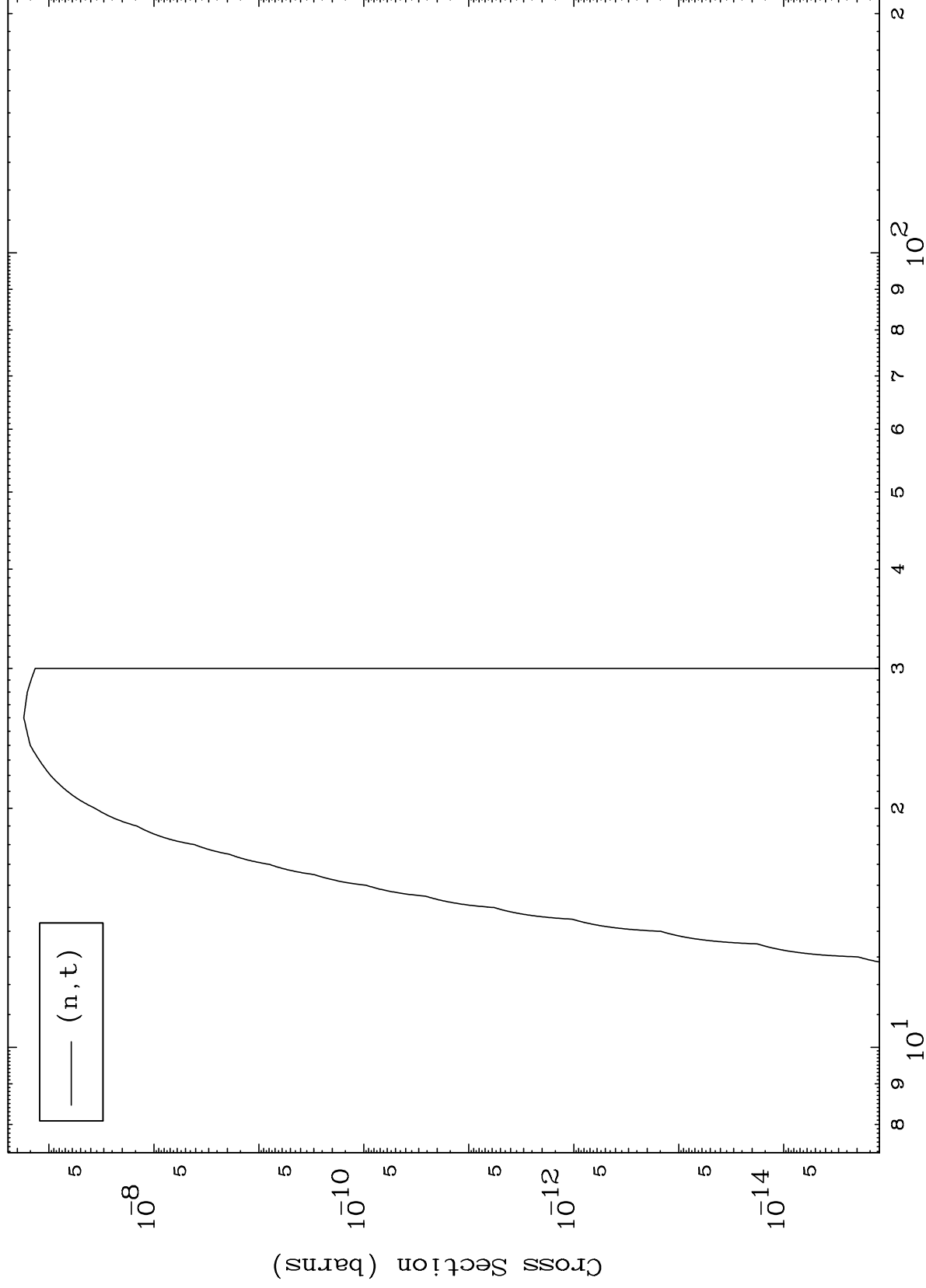
Incident Energy (MeV)

93-Np-245

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93-Np-245

(γ, t) Levels
0 Kelvin Cross Sections

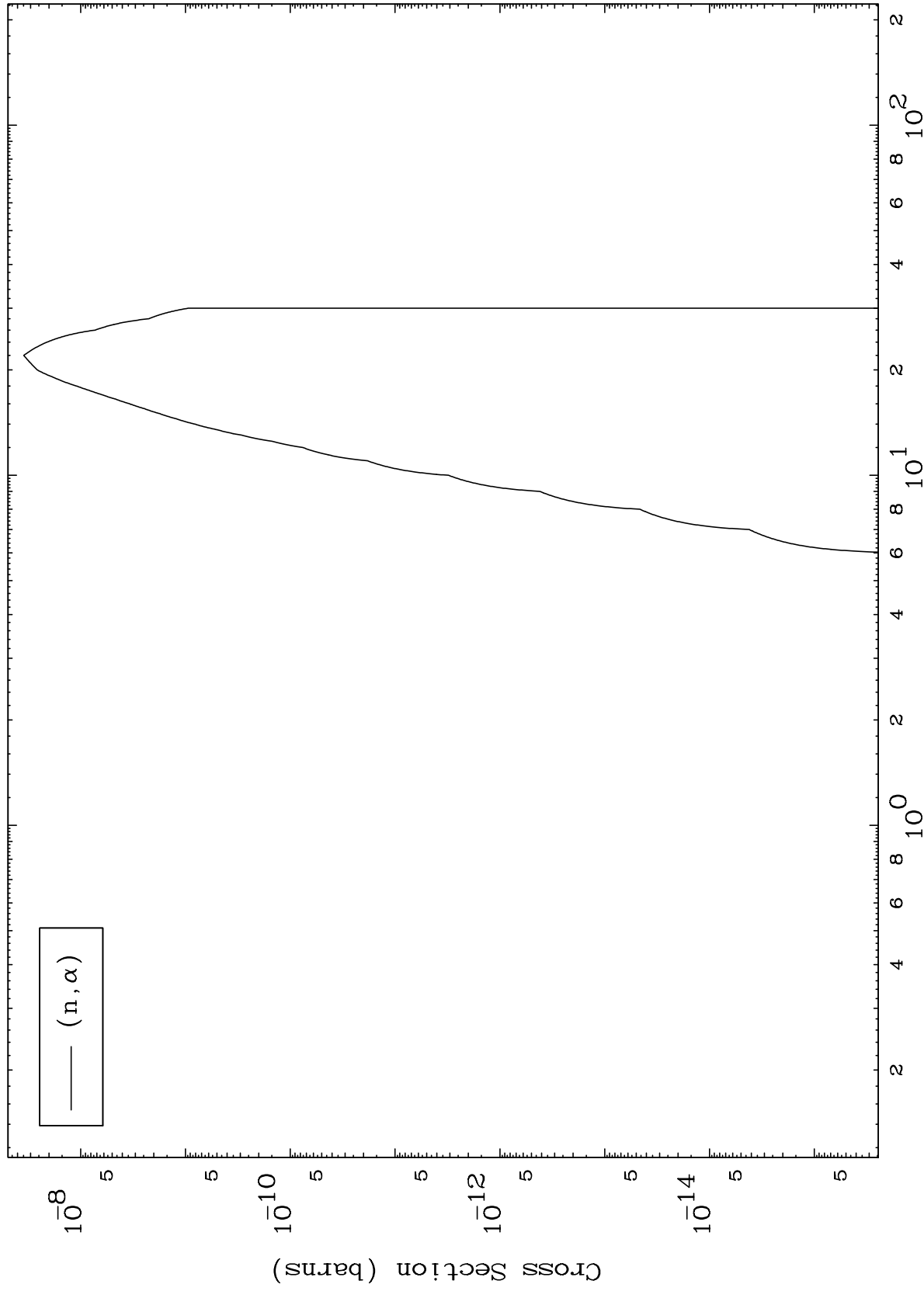


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(γ, α) Levels

93-Np-245

0 Kelvin Cross Sections



11

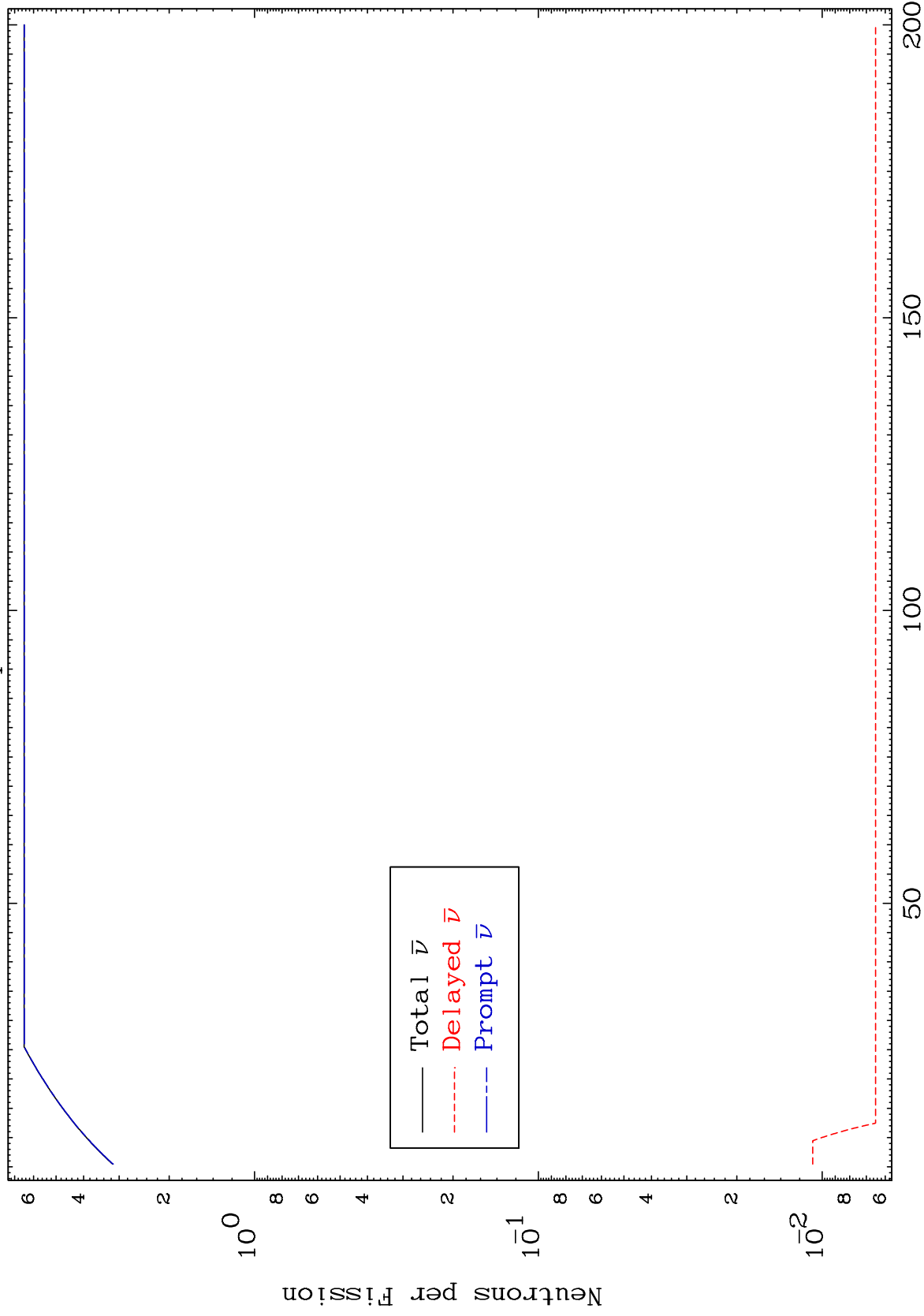
Incident Energy (MeV)

93-Np-245

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Photon Neutrons
per Fission

93-Np-245



12

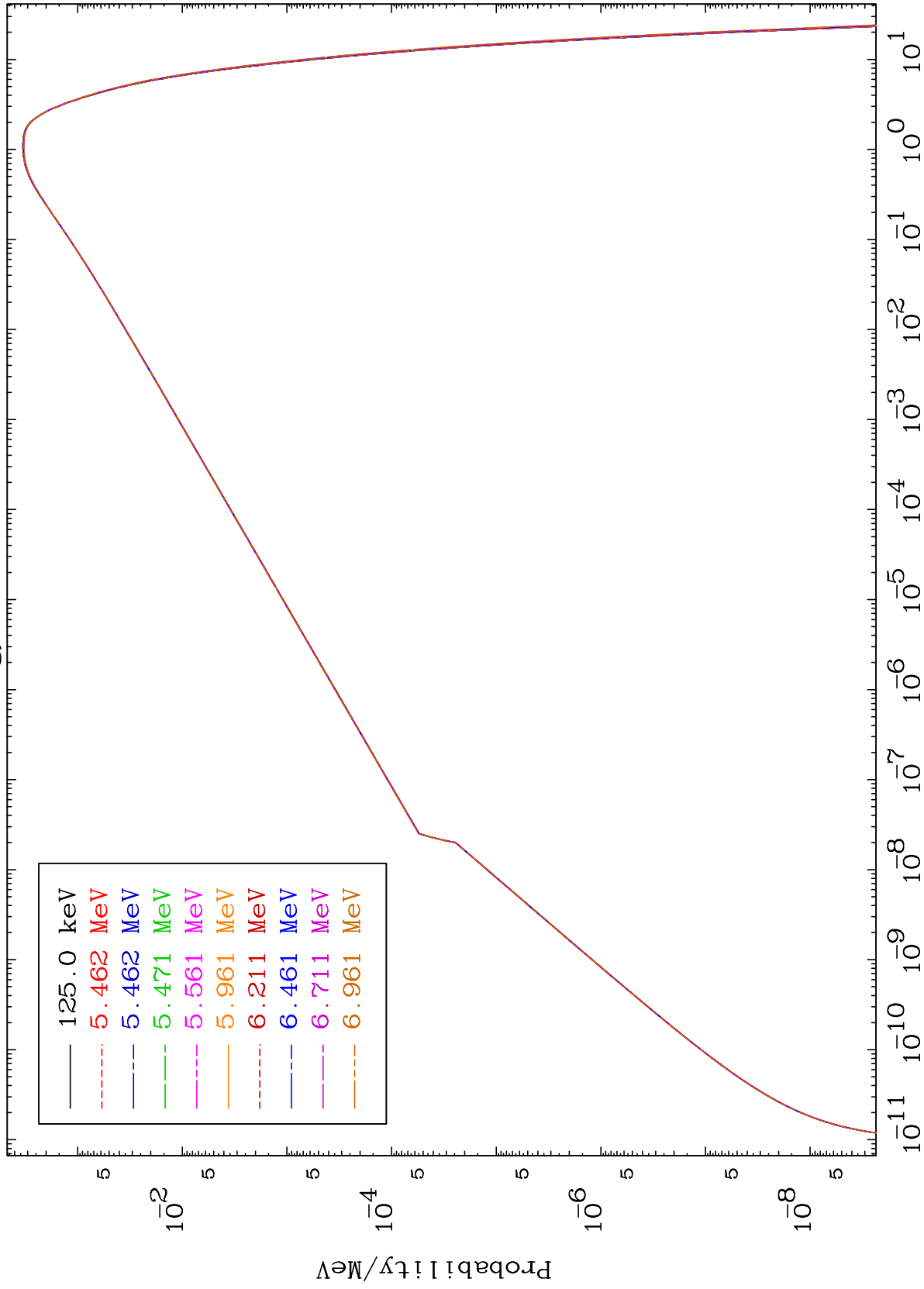
Incident Energy (MeV)

93-Np-245

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Fission
Energy Distributions

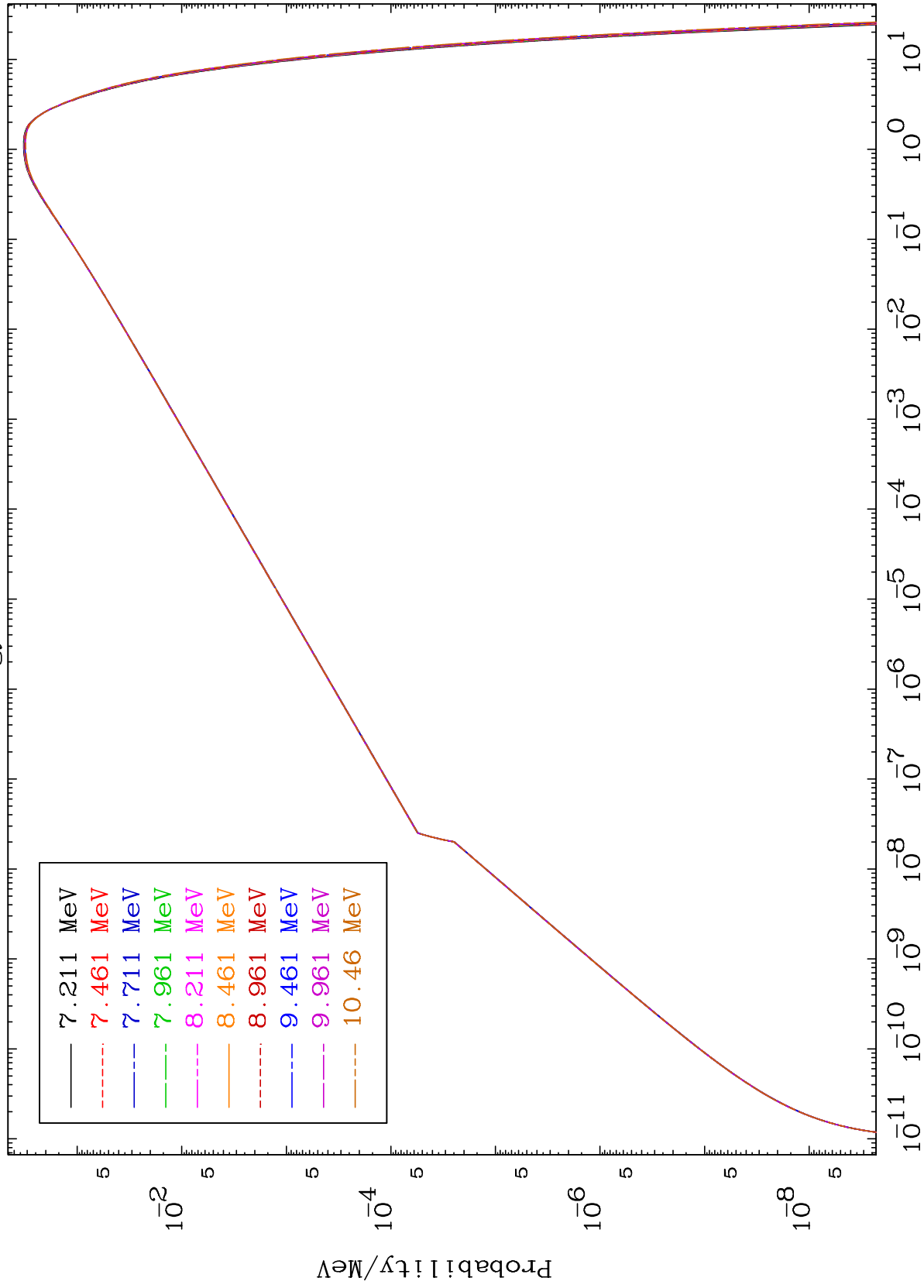
93-Np-245



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Fission
Energy Distributions

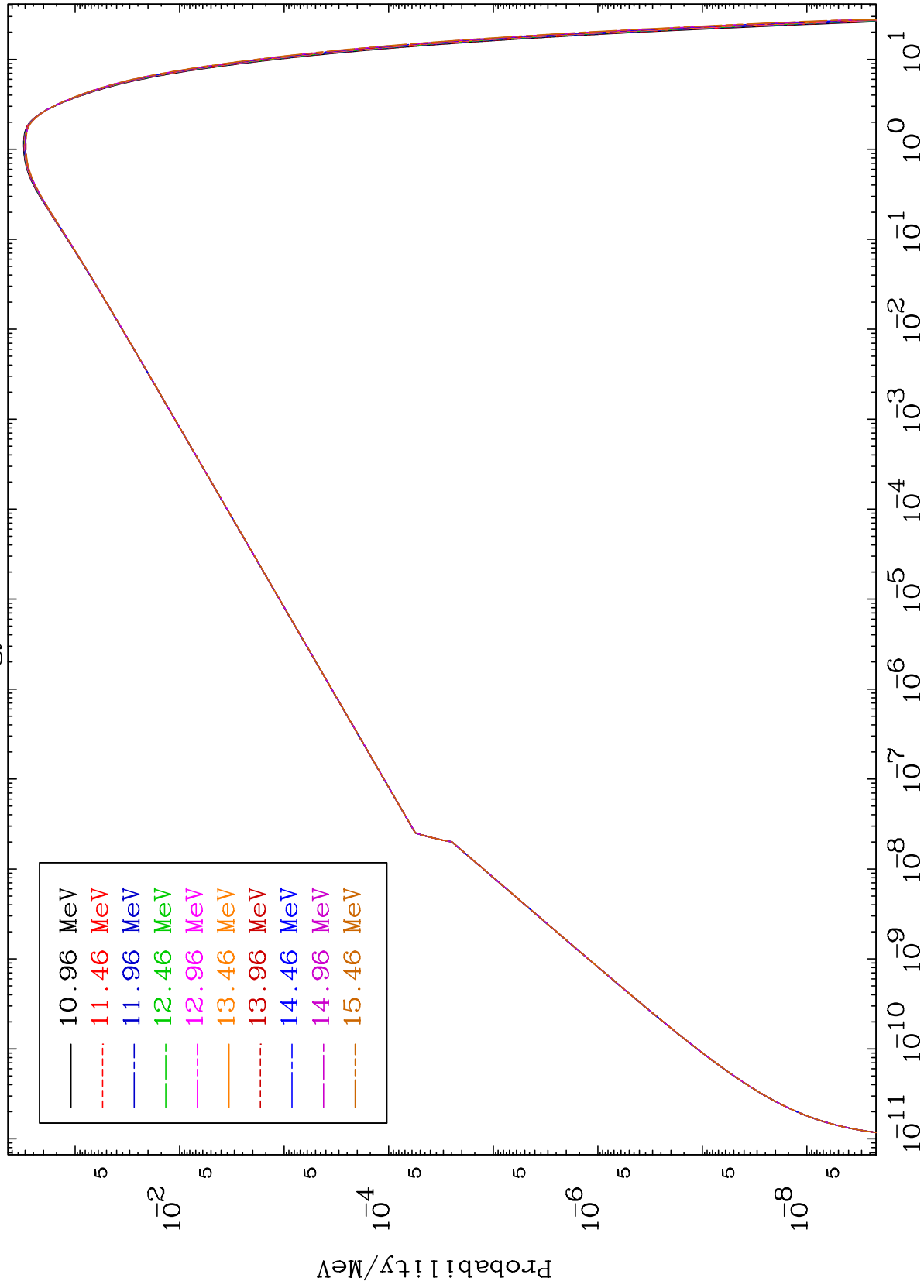
93-Np-245



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Fission
Energy Distributions

⁹³Np-245



15

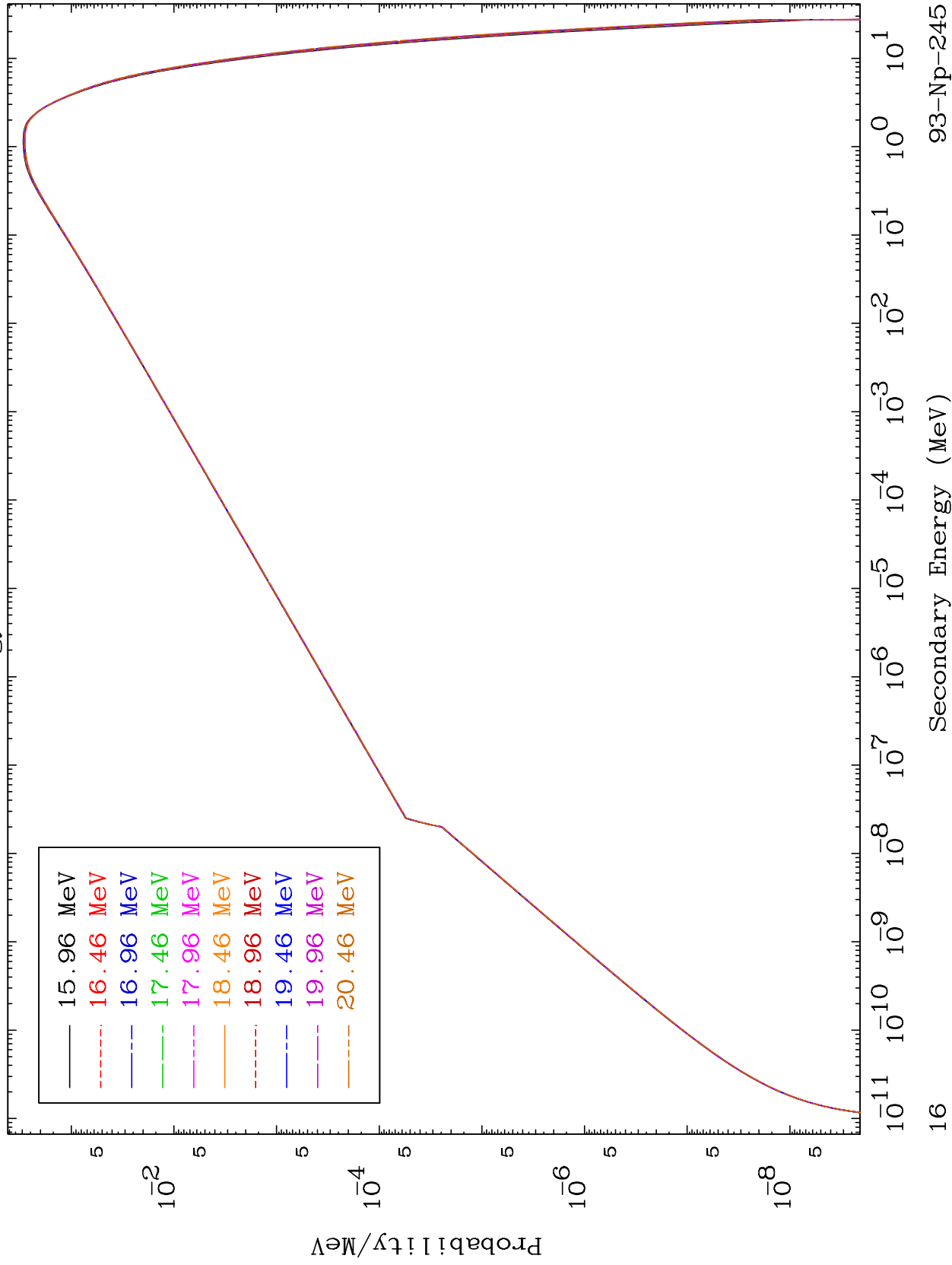
Secondary Energy (MeV)

⁹³Np-245

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Fission
Energy Distributions

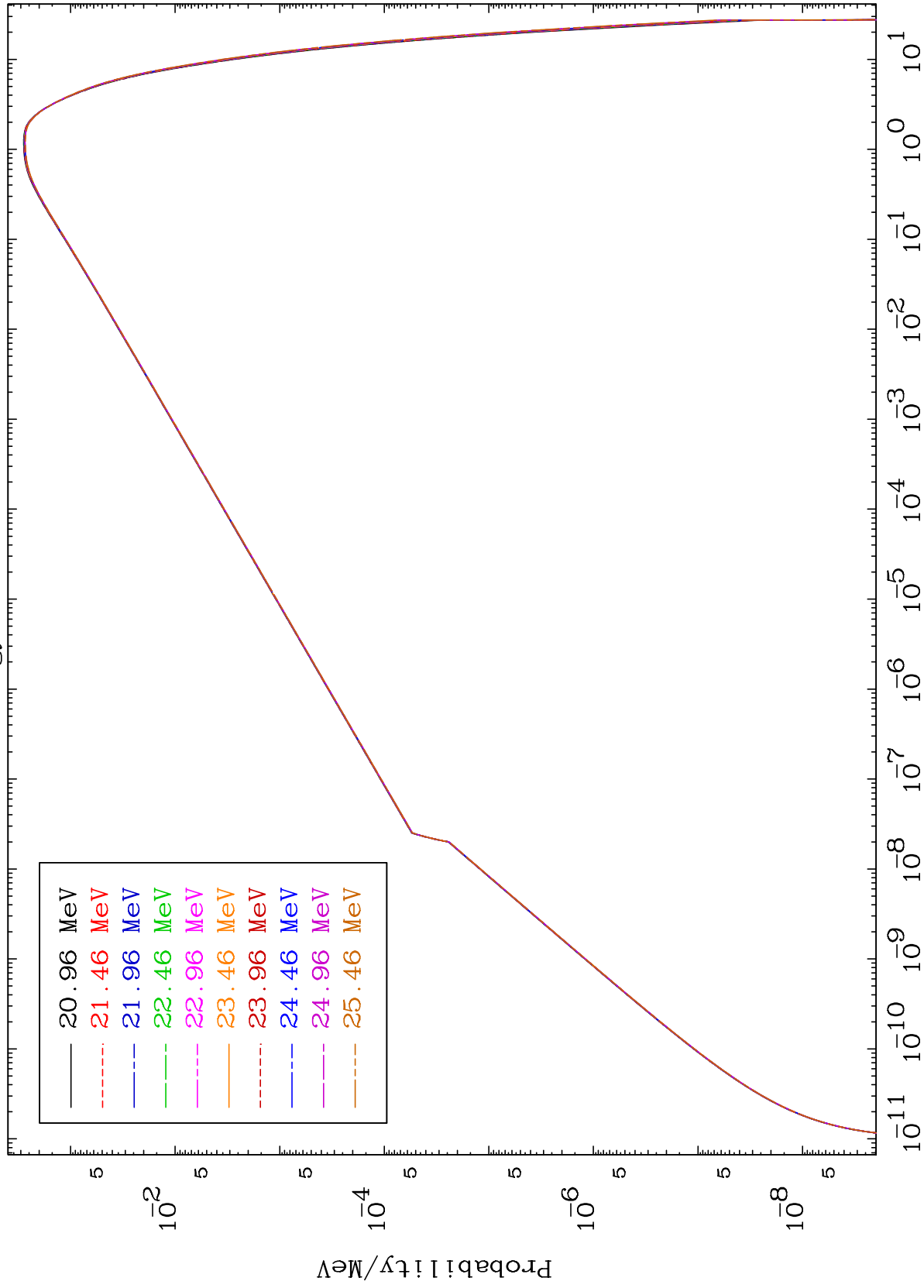
93-Np-245



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Fission
Energy Distributions

93-Np-245

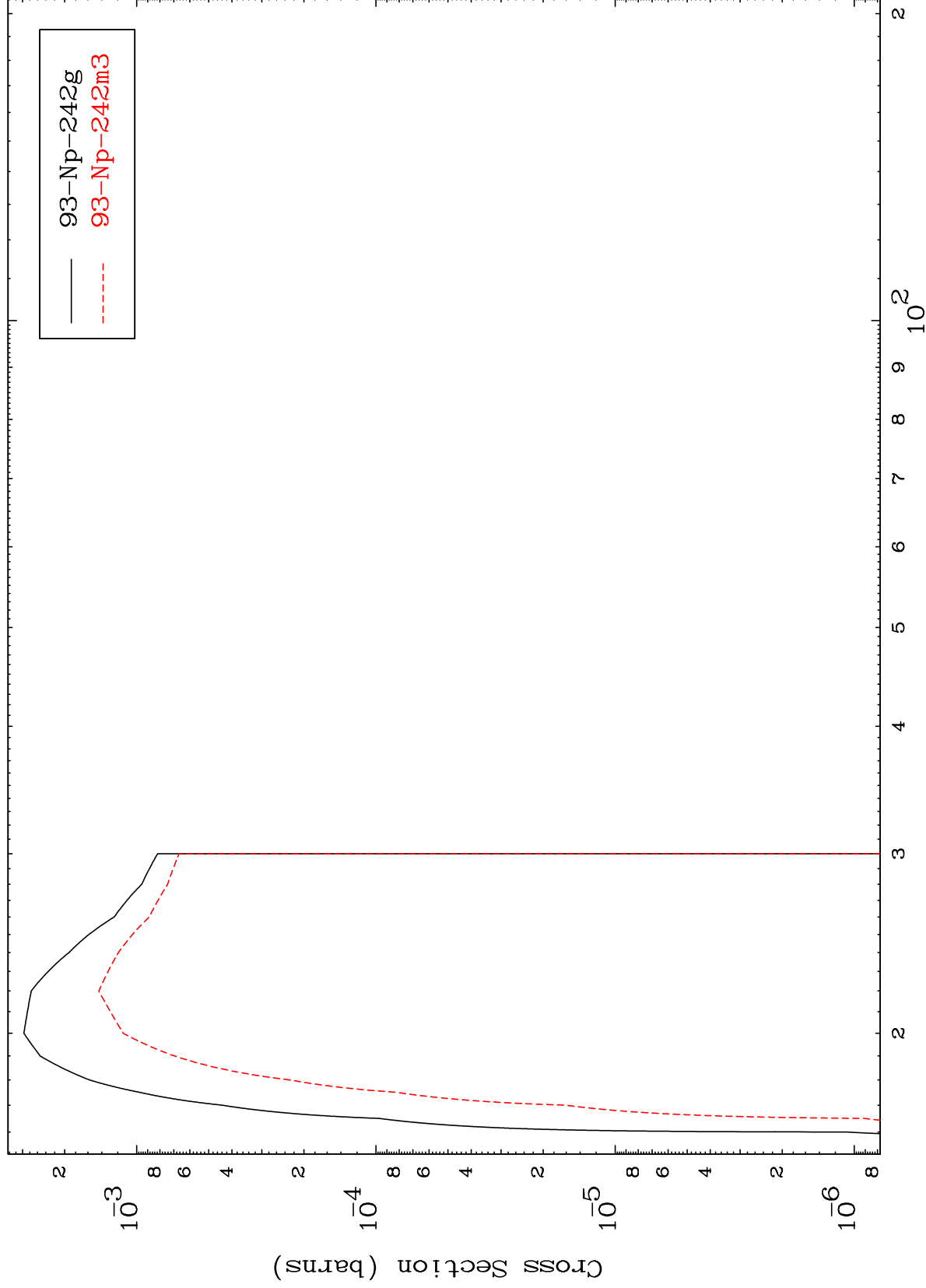


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(n,3n)

93-Np-245

Radionuclide Production Cross Section



18

Incident Energy (MeV)

93-Np-245