

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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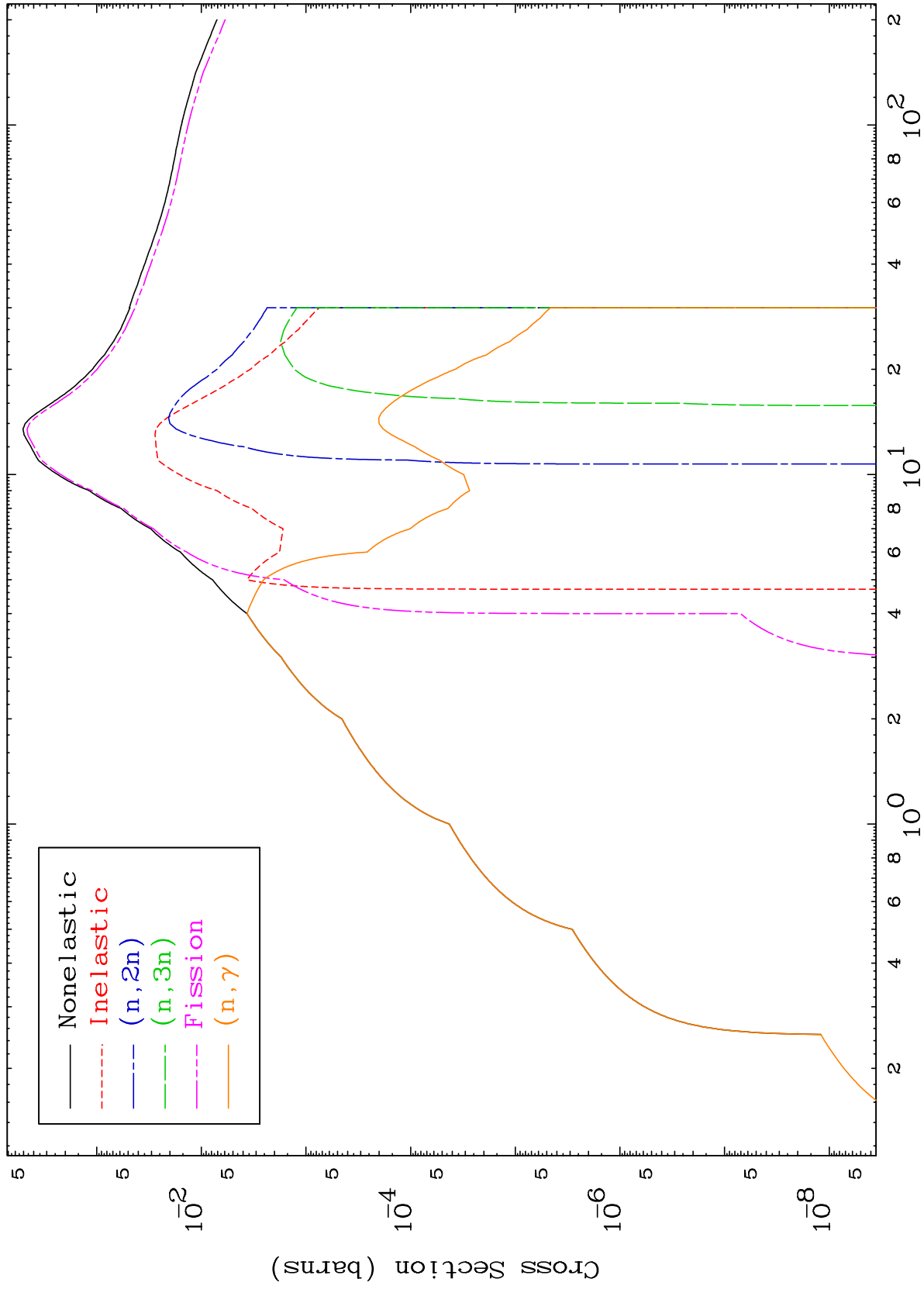
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9455

Photon Major  
0 Kelvin Cross Sections

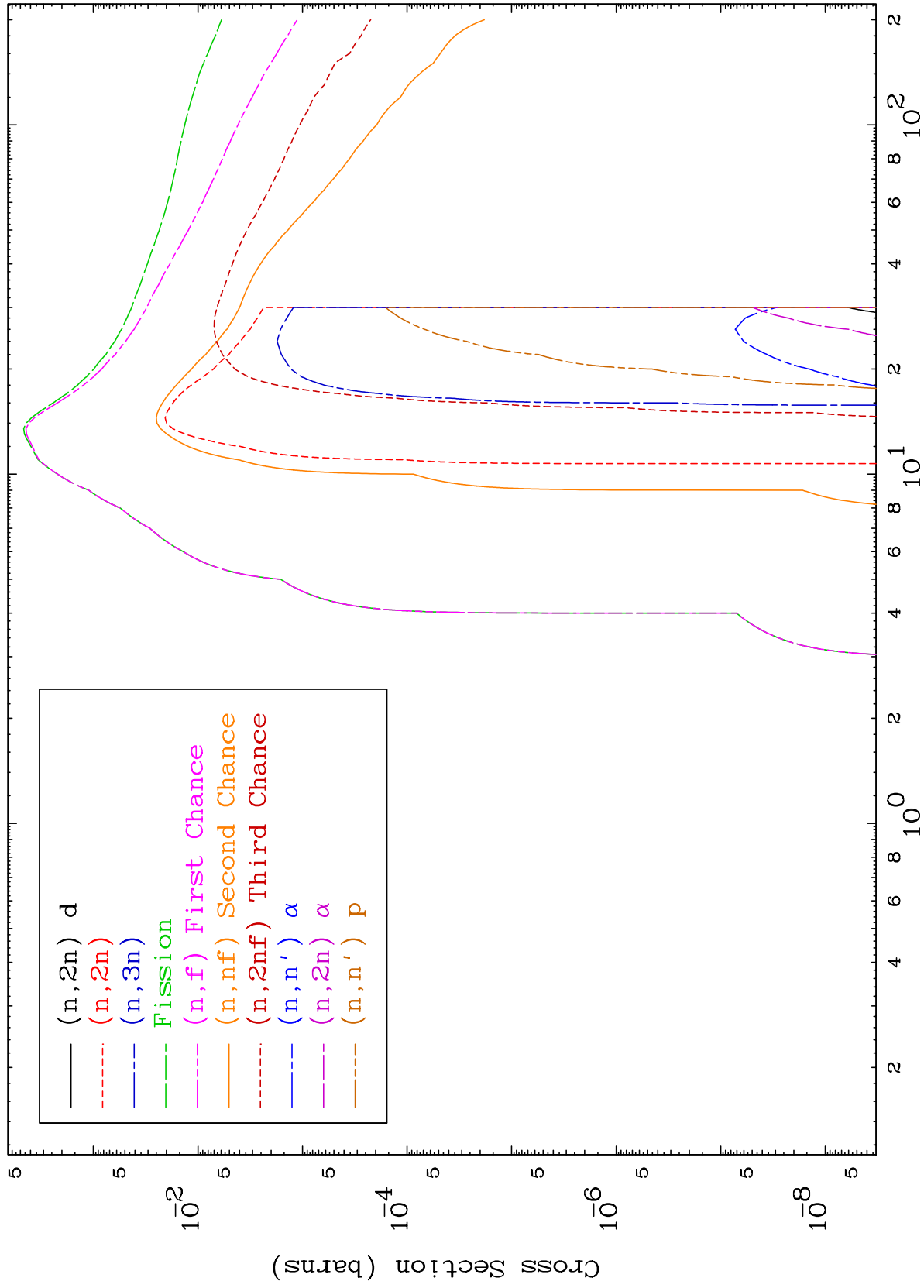
94-Pu-245



MAT 9455

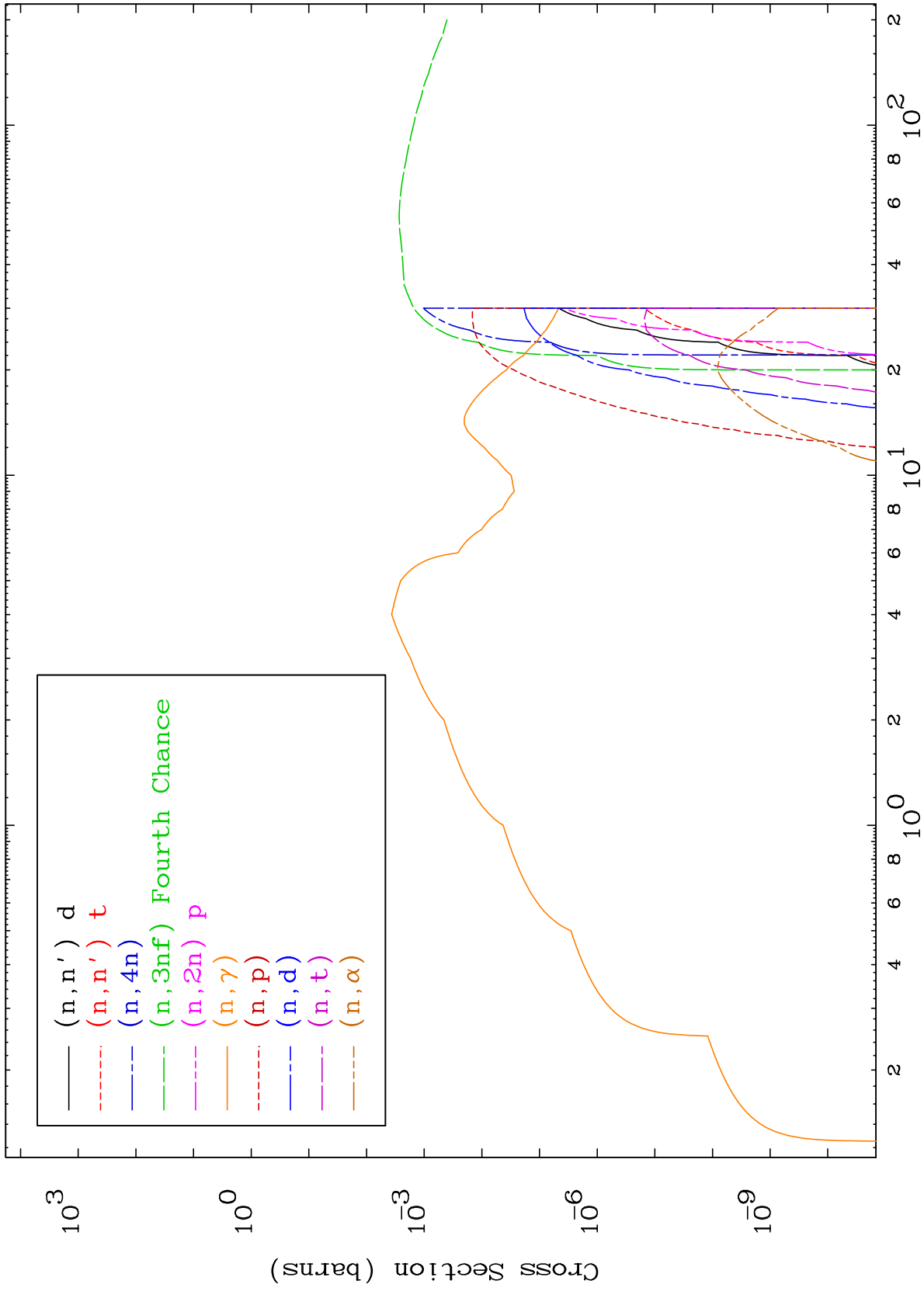
Photon Neutron Absorption  
0 Kelvin Cross Sections

94-Pu-245



2

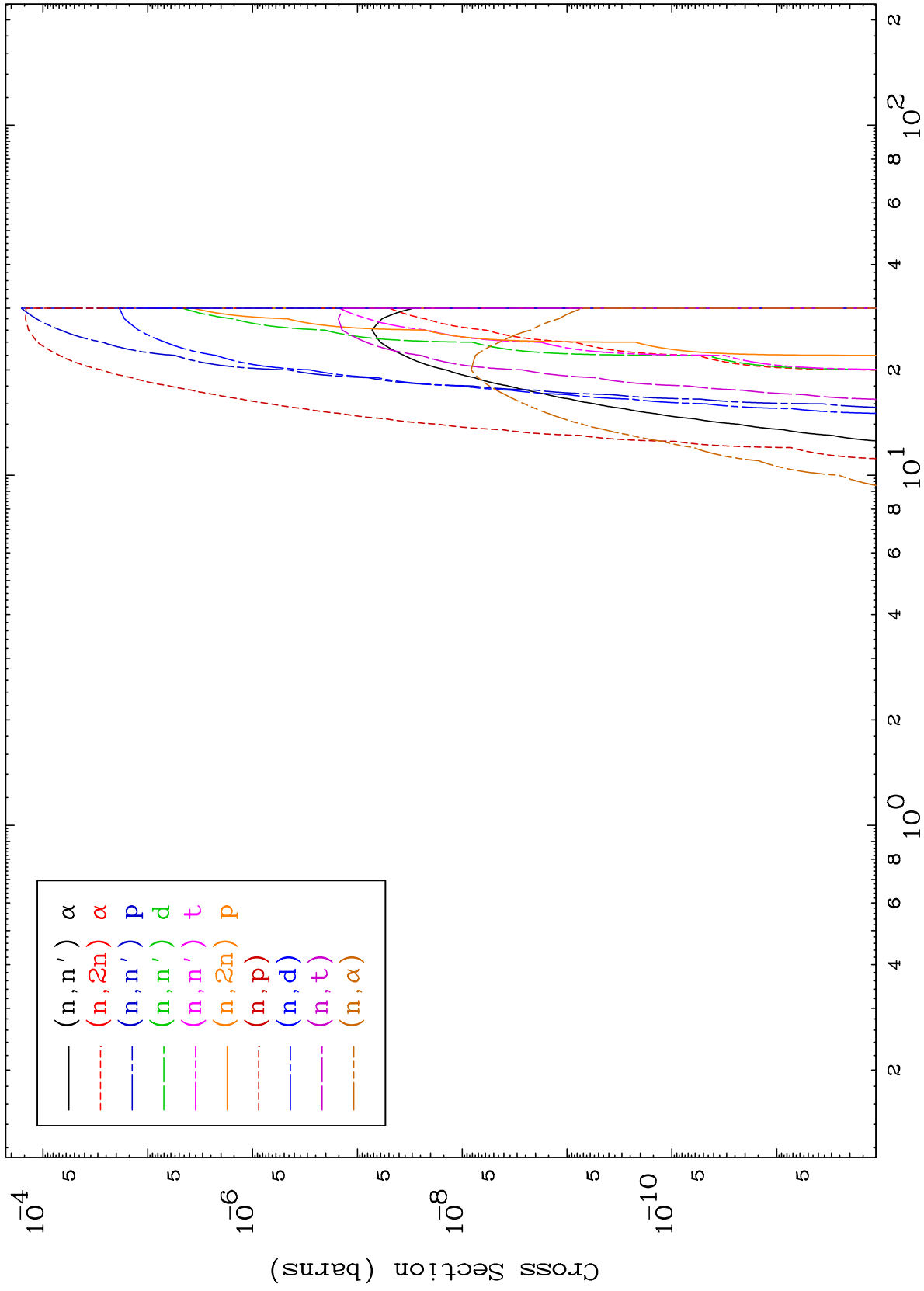
94-Pu-245

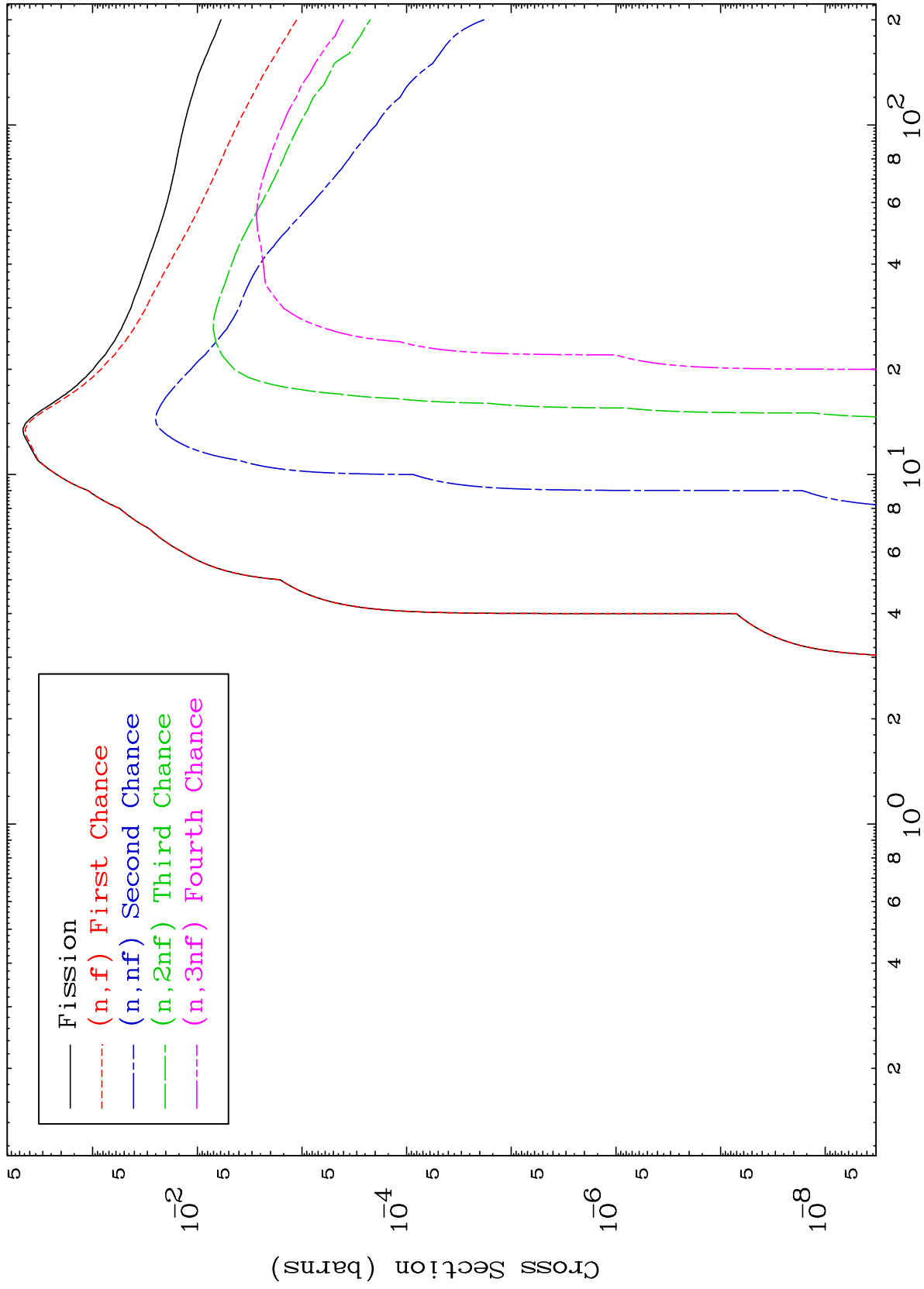


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Photon Charged Particle  
0 Kelvin Cross Sections

94-Pu-245

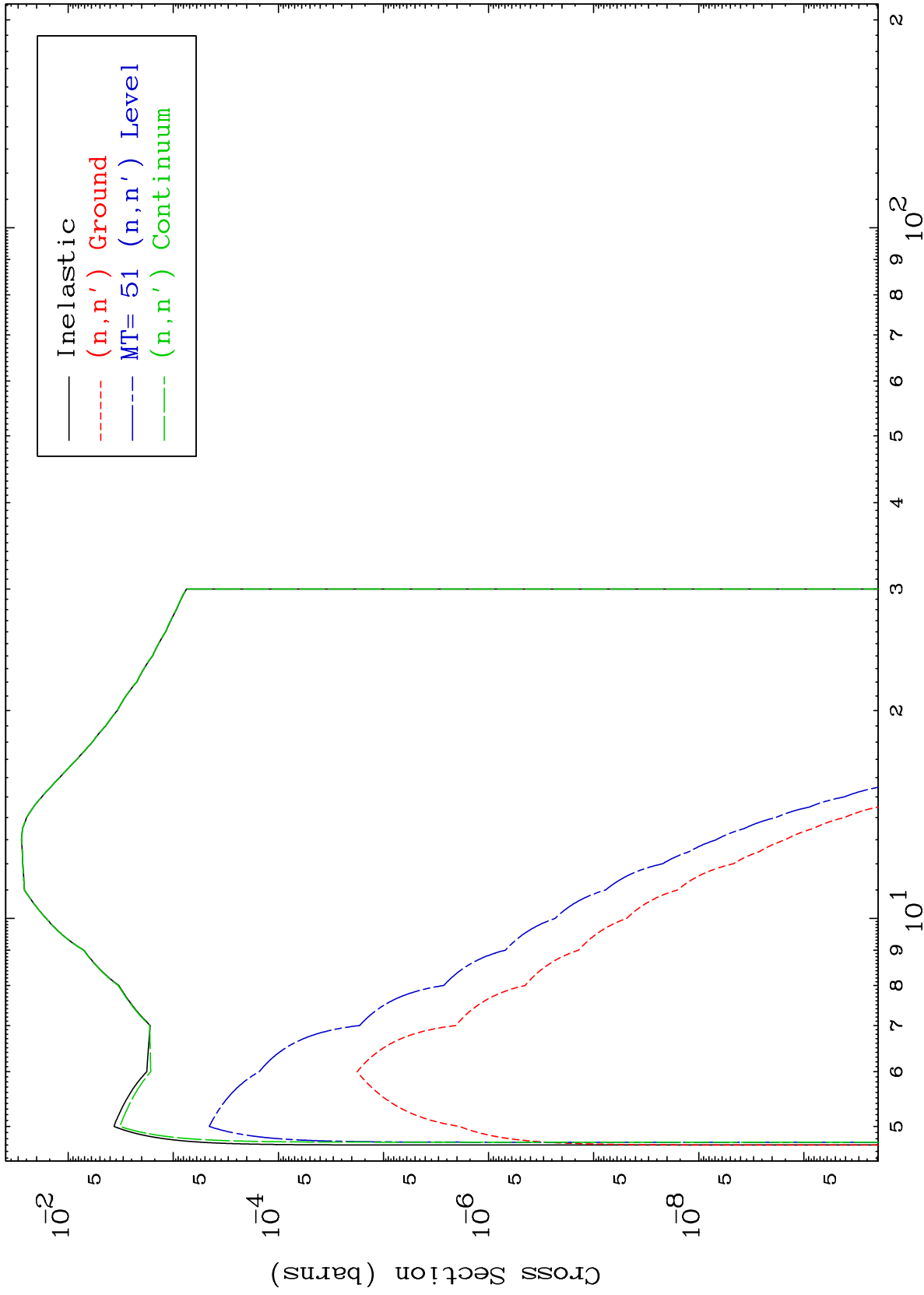




MAT 9455

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections

94-Pu-245



6

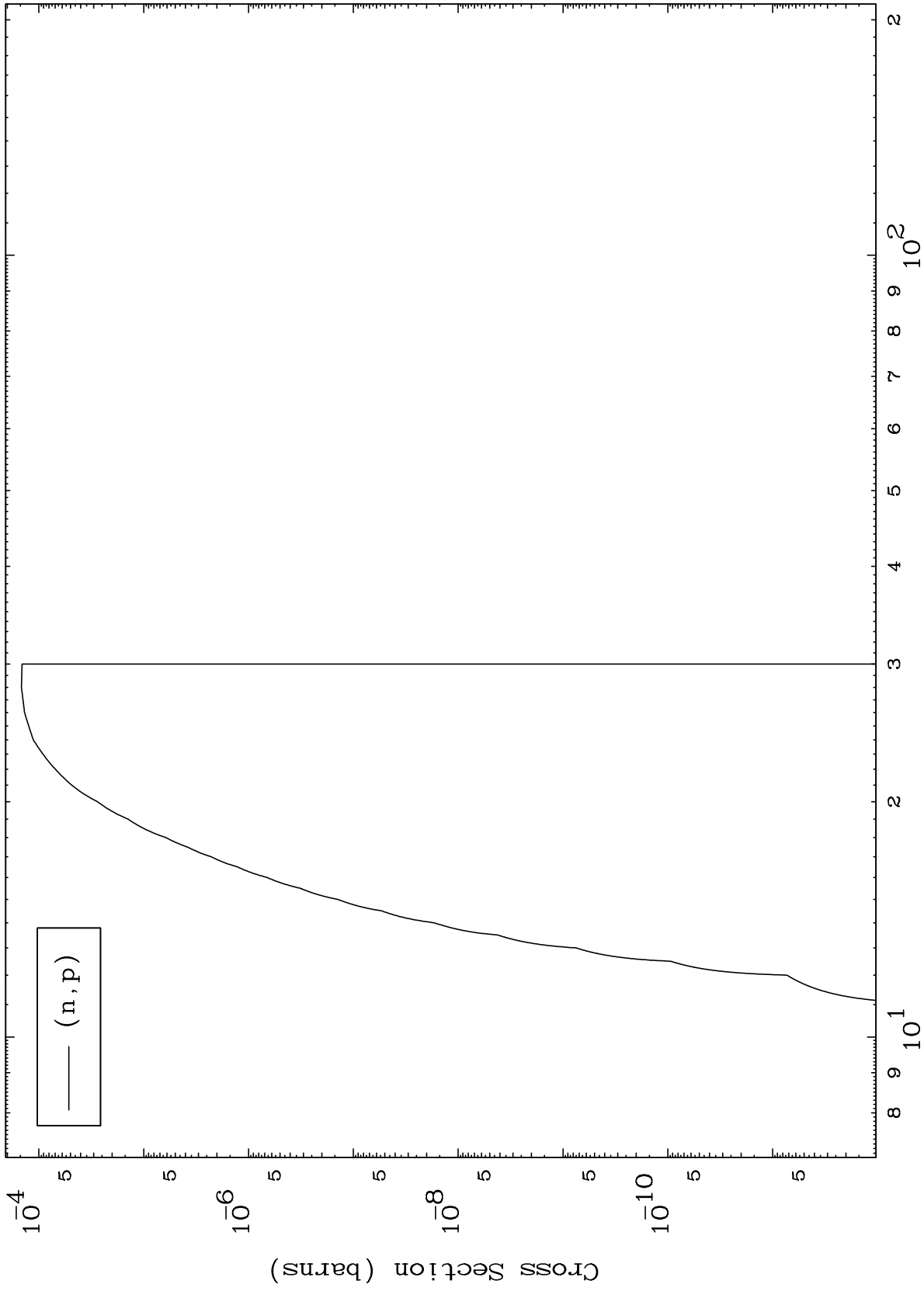
Incident Energy (MeV)

94-Pu-245

MAT 9455

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

94-Pu-245



7

Incident Energy (MeV)

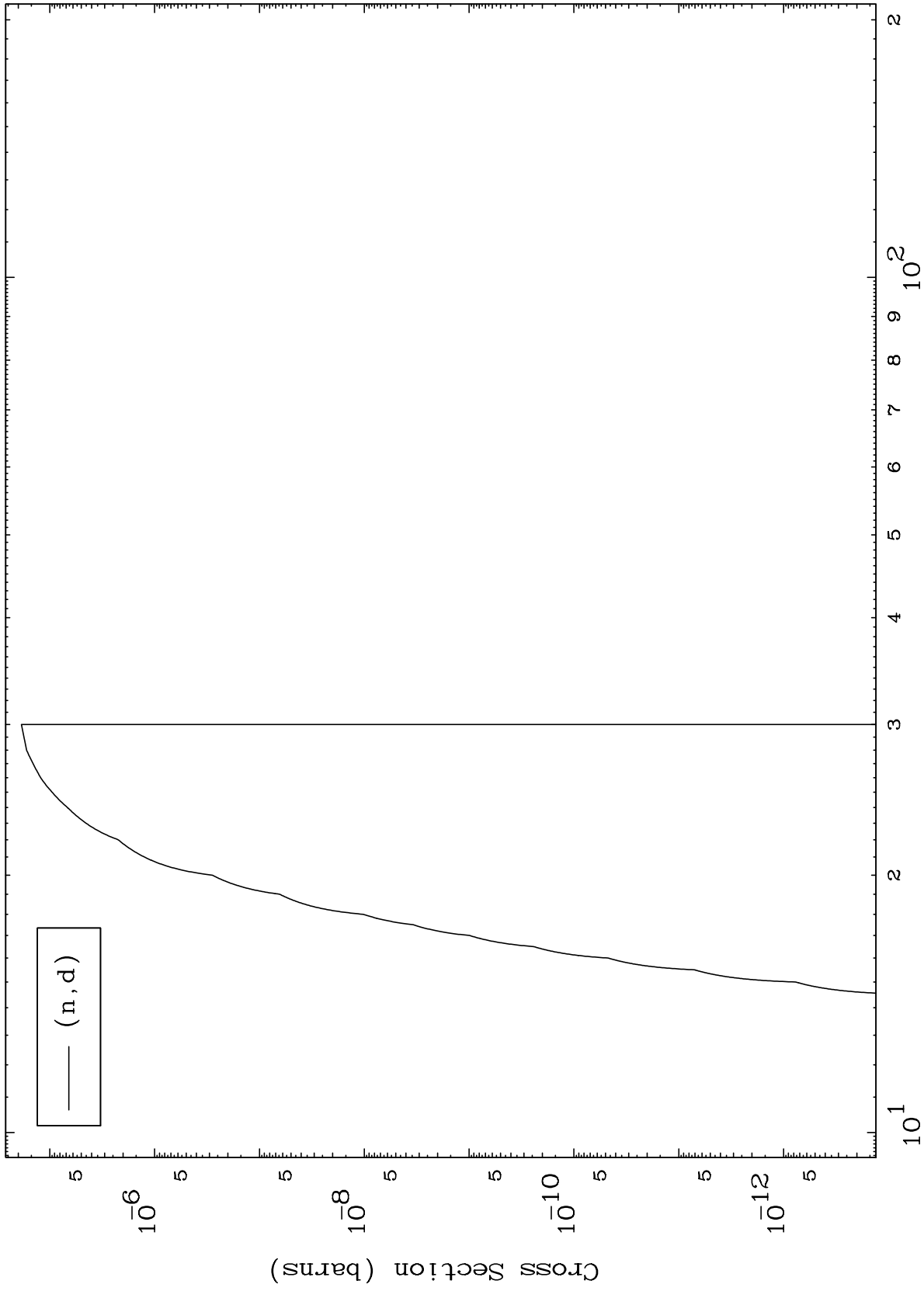
94-Pu-245



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( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

94-Pu-245



8

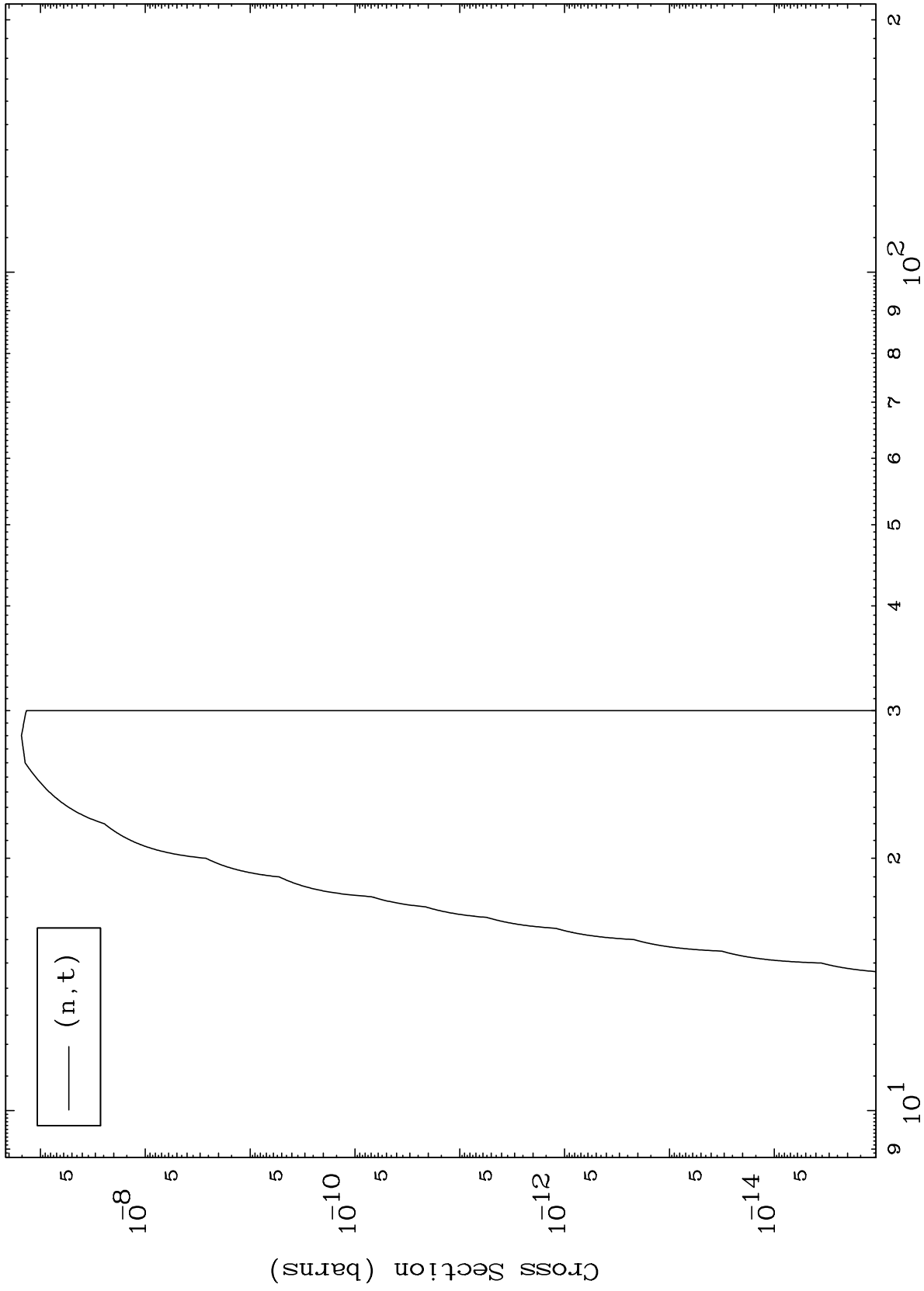
Incident Energy (MeV)

94-Pu-245

MAT 9455

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

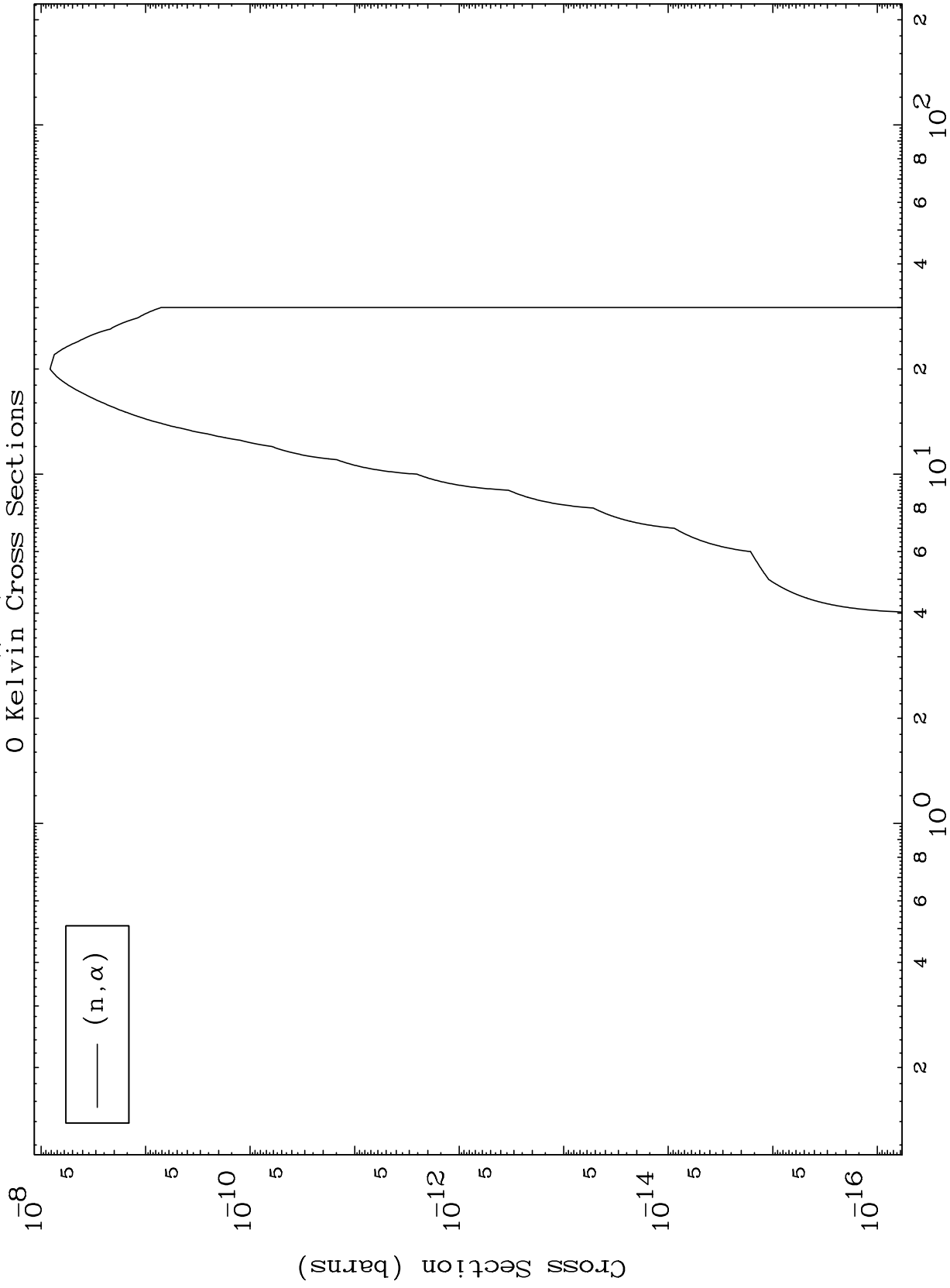
94-Pu-245



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( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

94-Pu-245



10

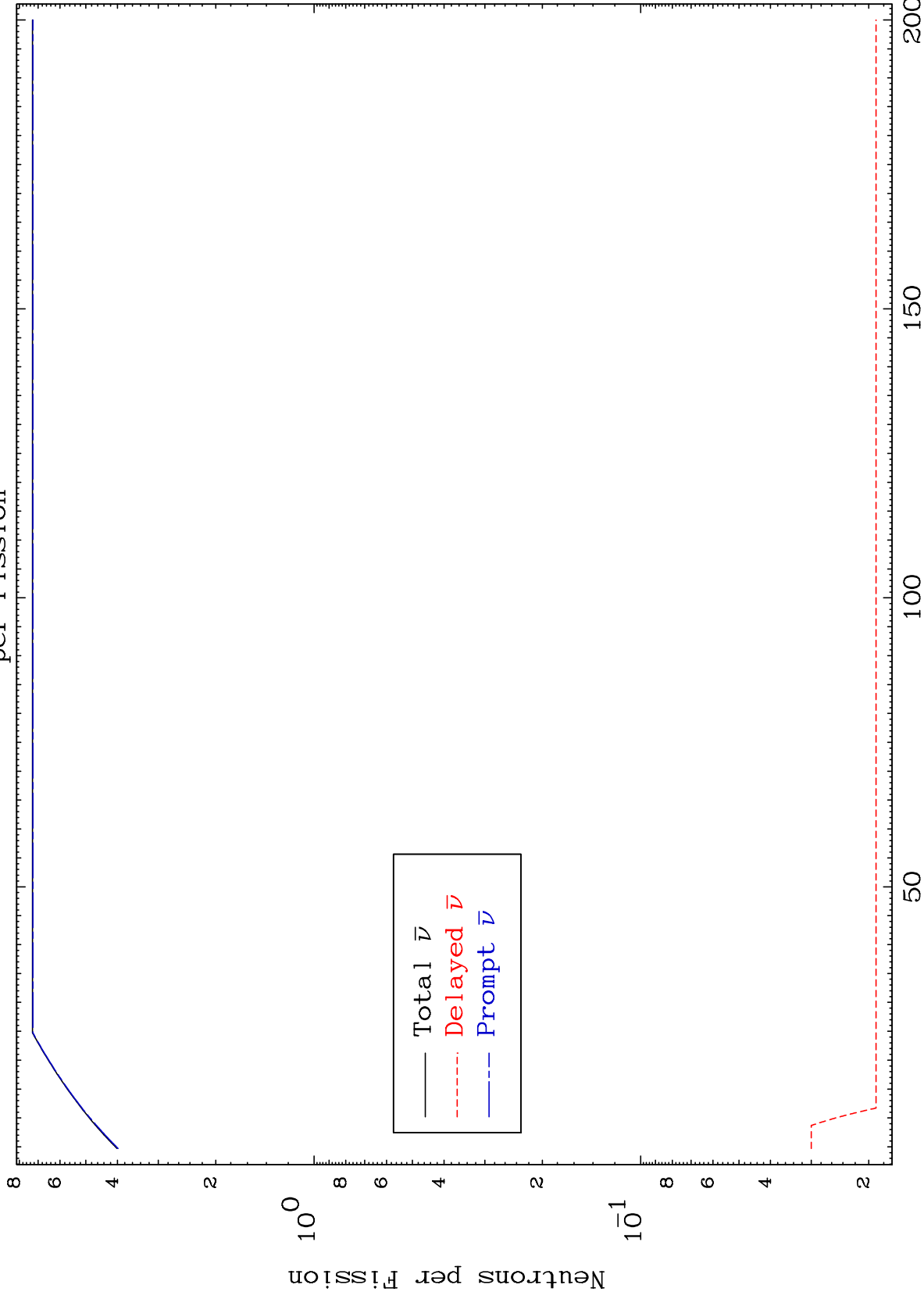
Incident Energy (MeV)

94-Pu-245

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Photon Neutrons  
per Fission

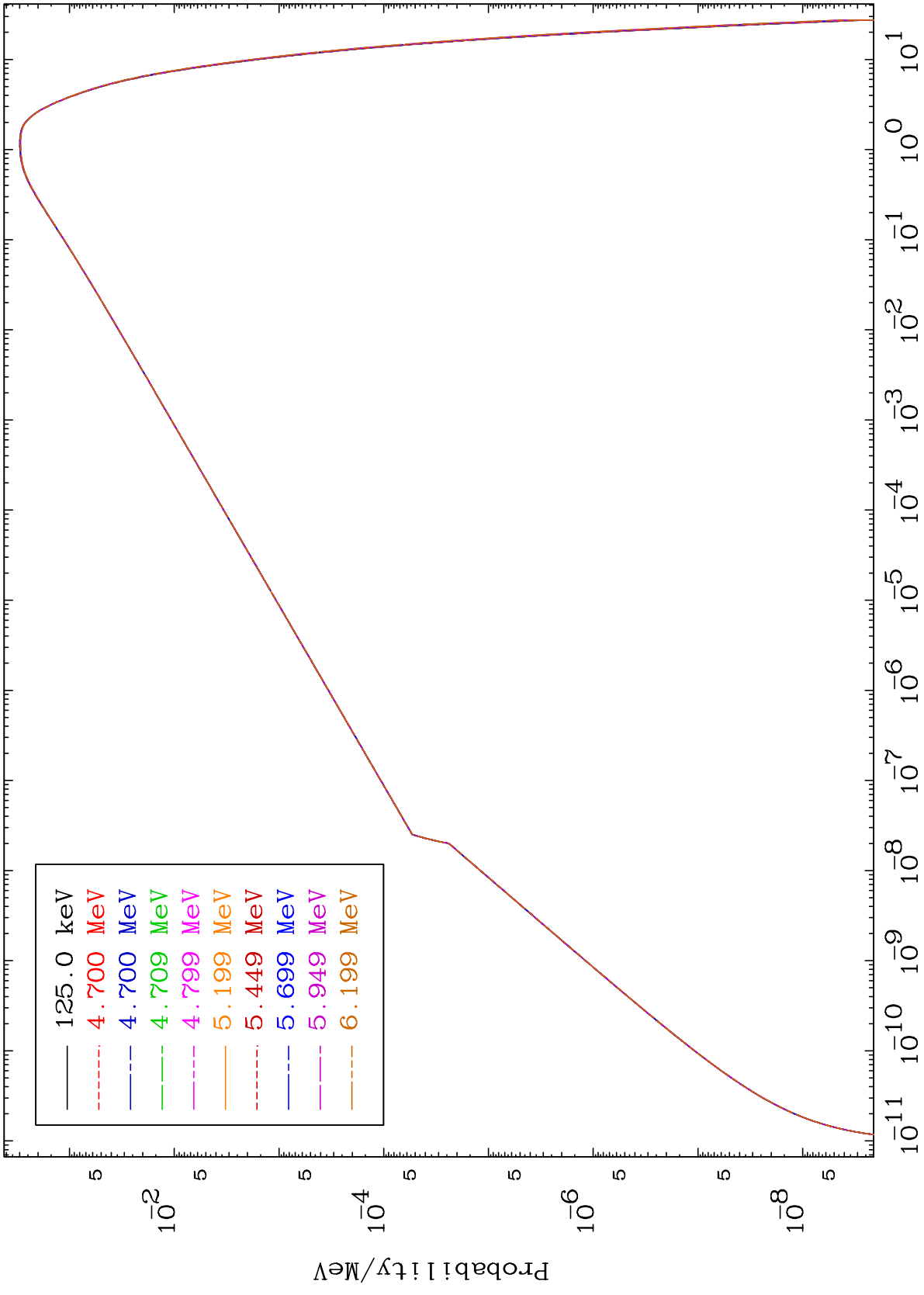
94-Pu-245



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Fission Energy Distributions

94-Pu-245



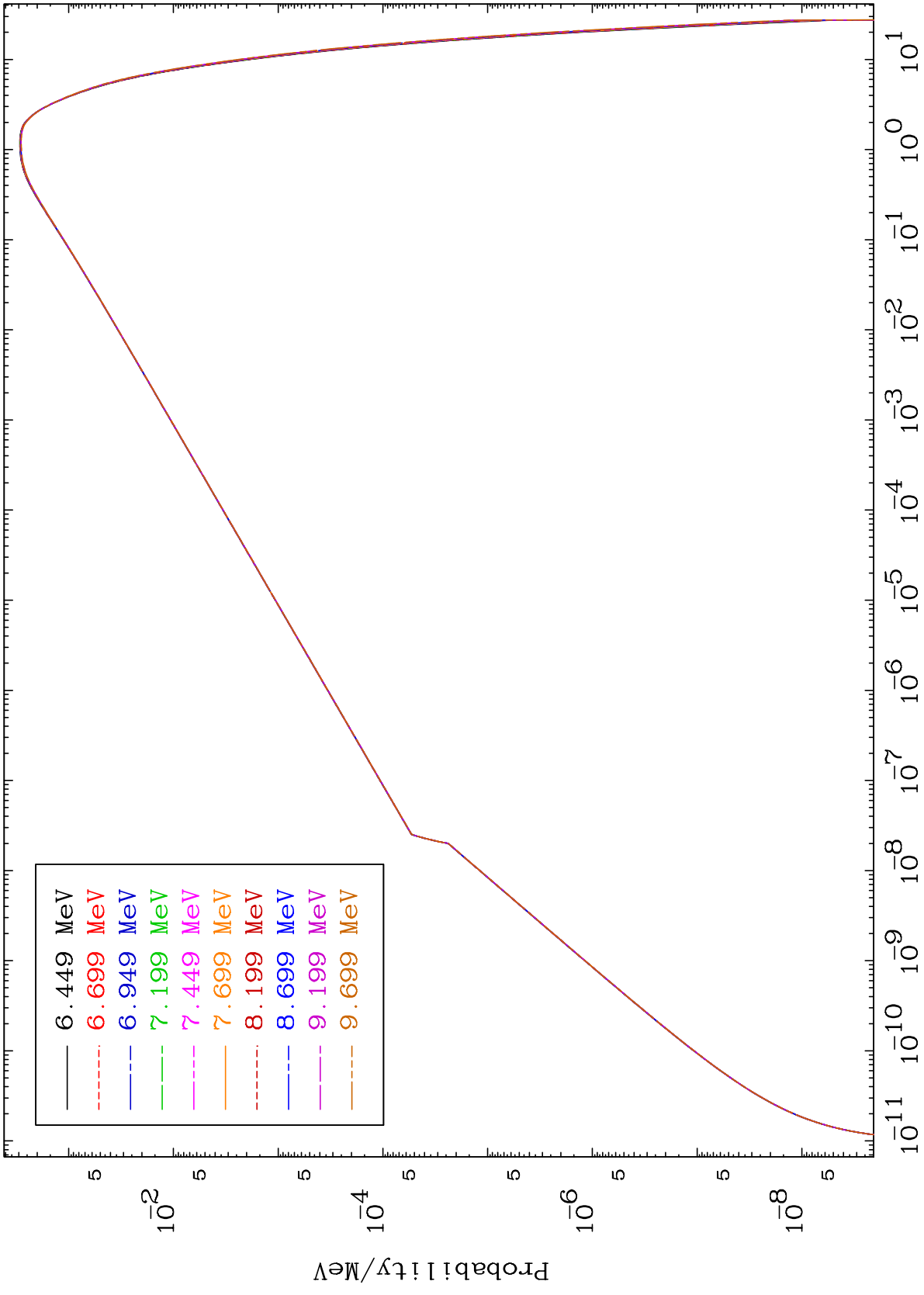
94-Pu-245

Secondary Energy (MeV)

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### Fission Energy Distributions

94-Pu-245



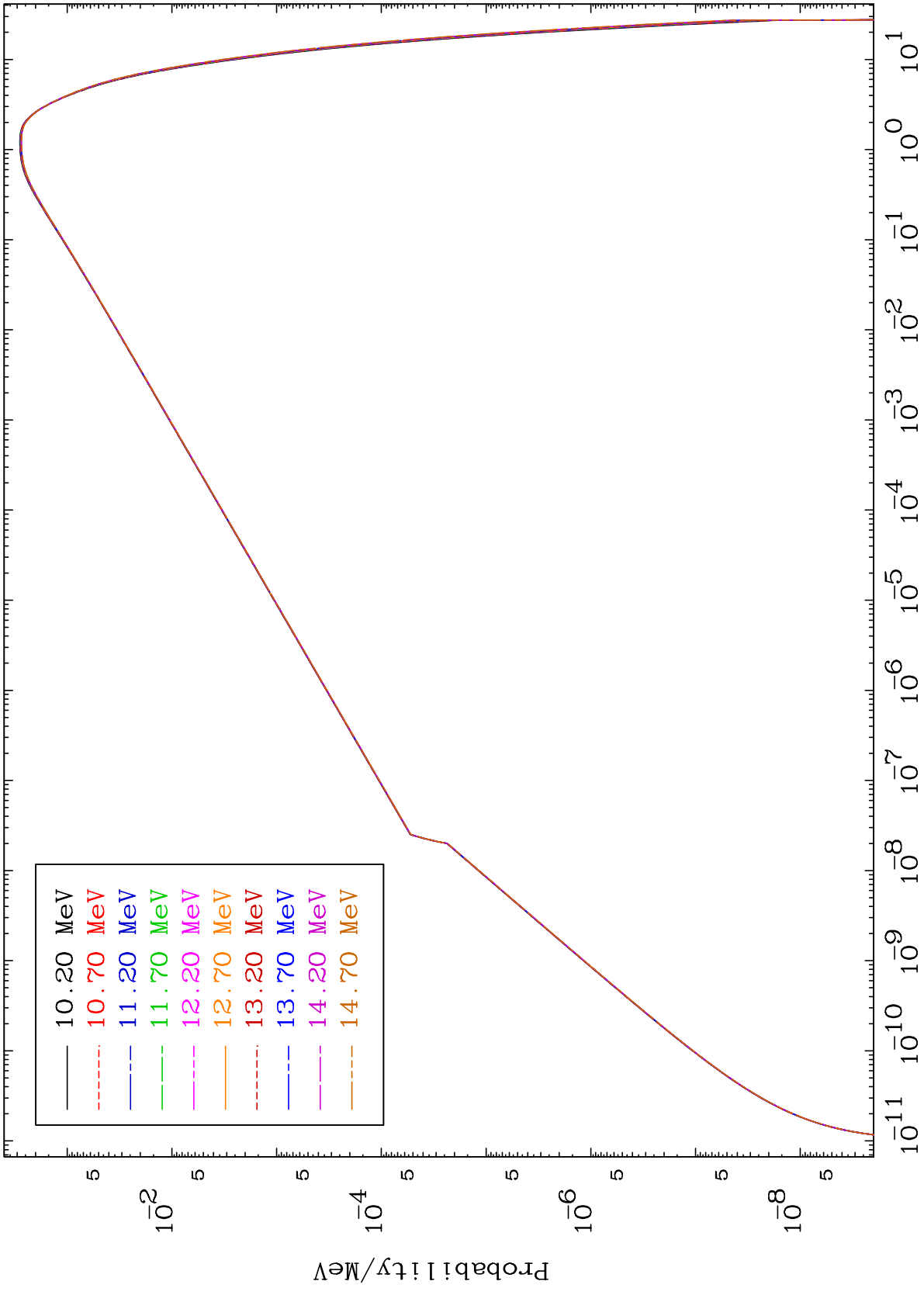
94-Pu-245

Secondary Energy (MeV)

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### Fission Energy Distributions

94-Pu-245



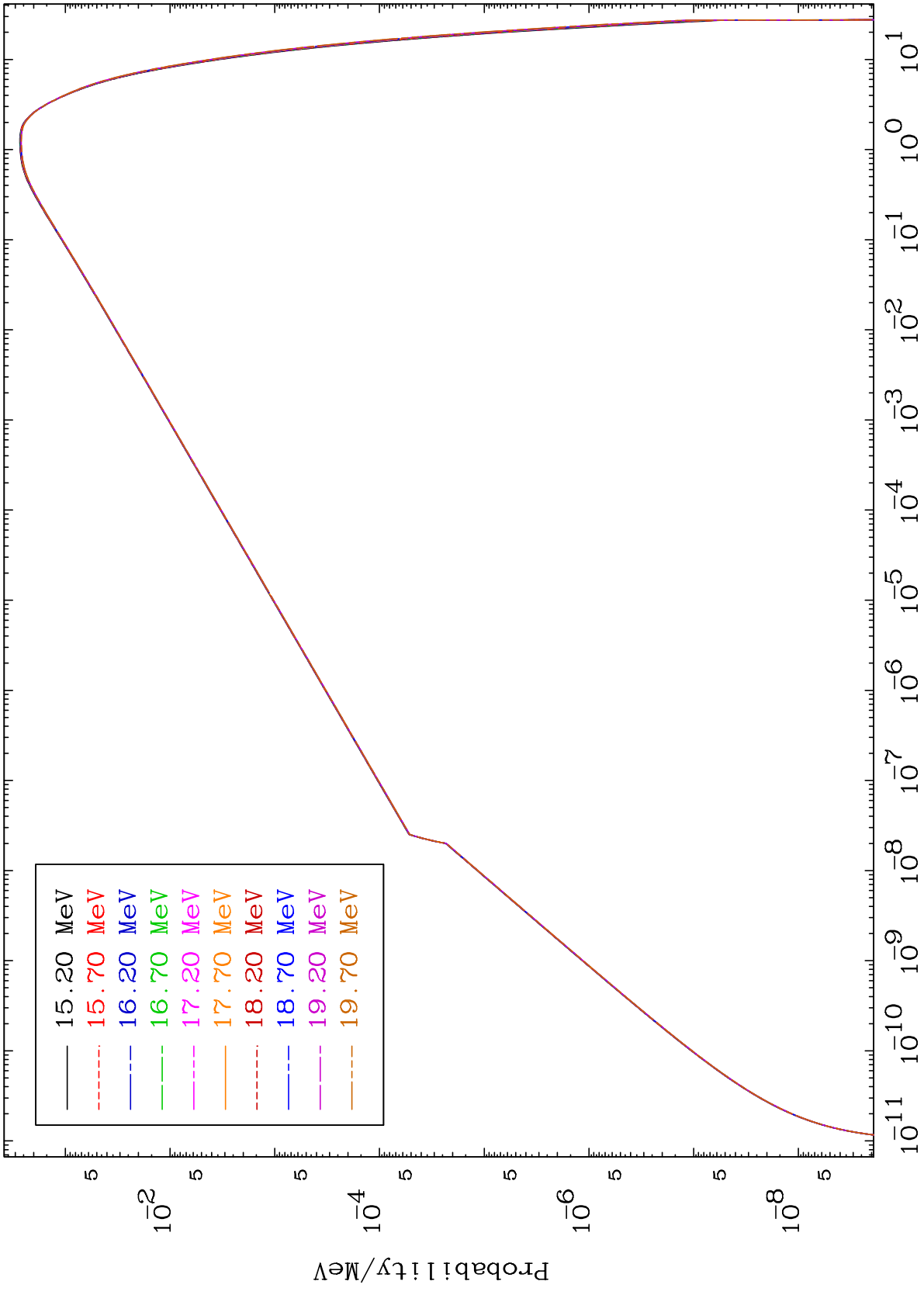
94-Pu-245

Secondary Energy (MeV)

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### Fission Energy Distributions

94-Pu-245



94-Pu-245

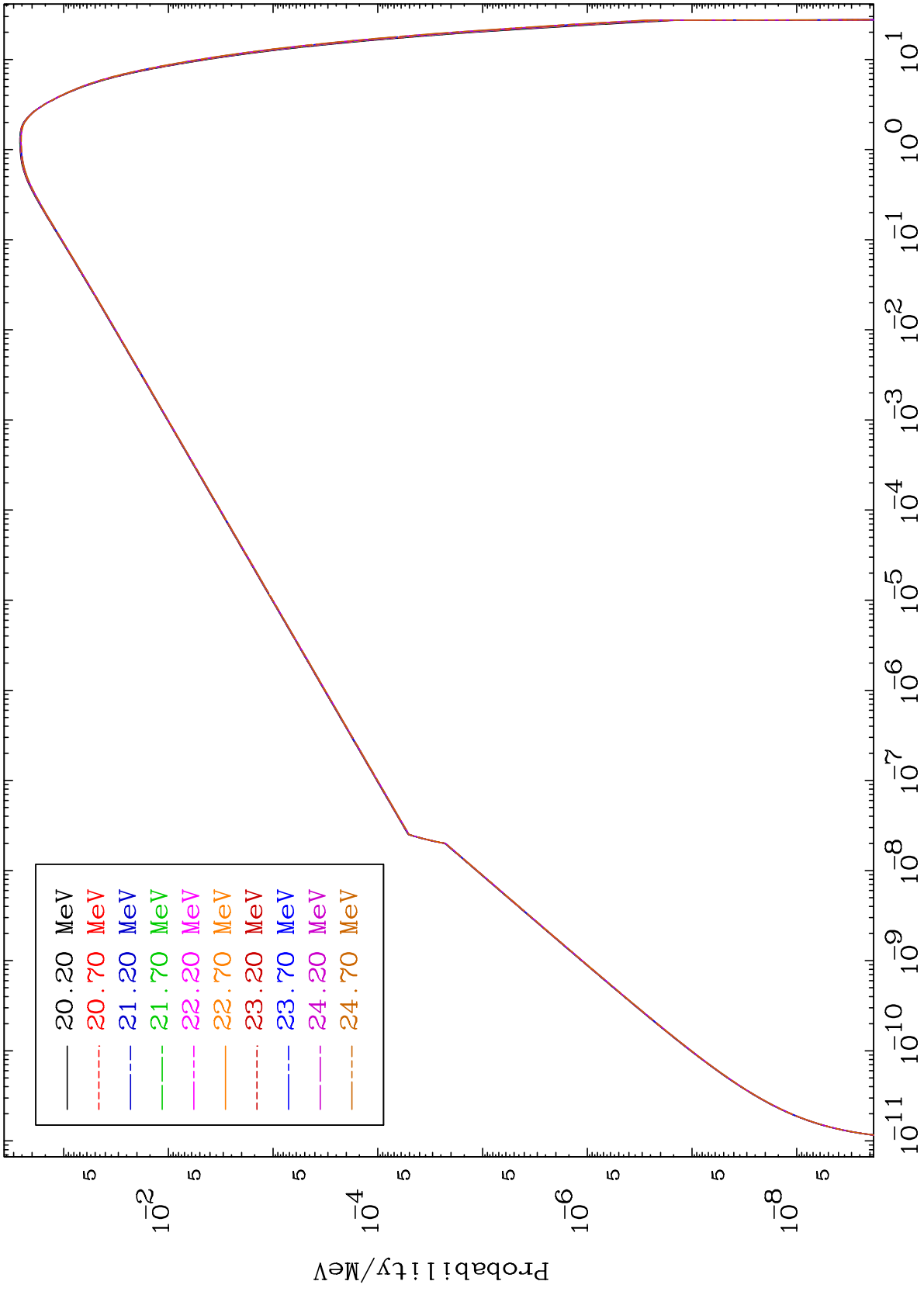
Secondary Energy (MeV)



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### Fission Energy Distributions

94-Pu-245



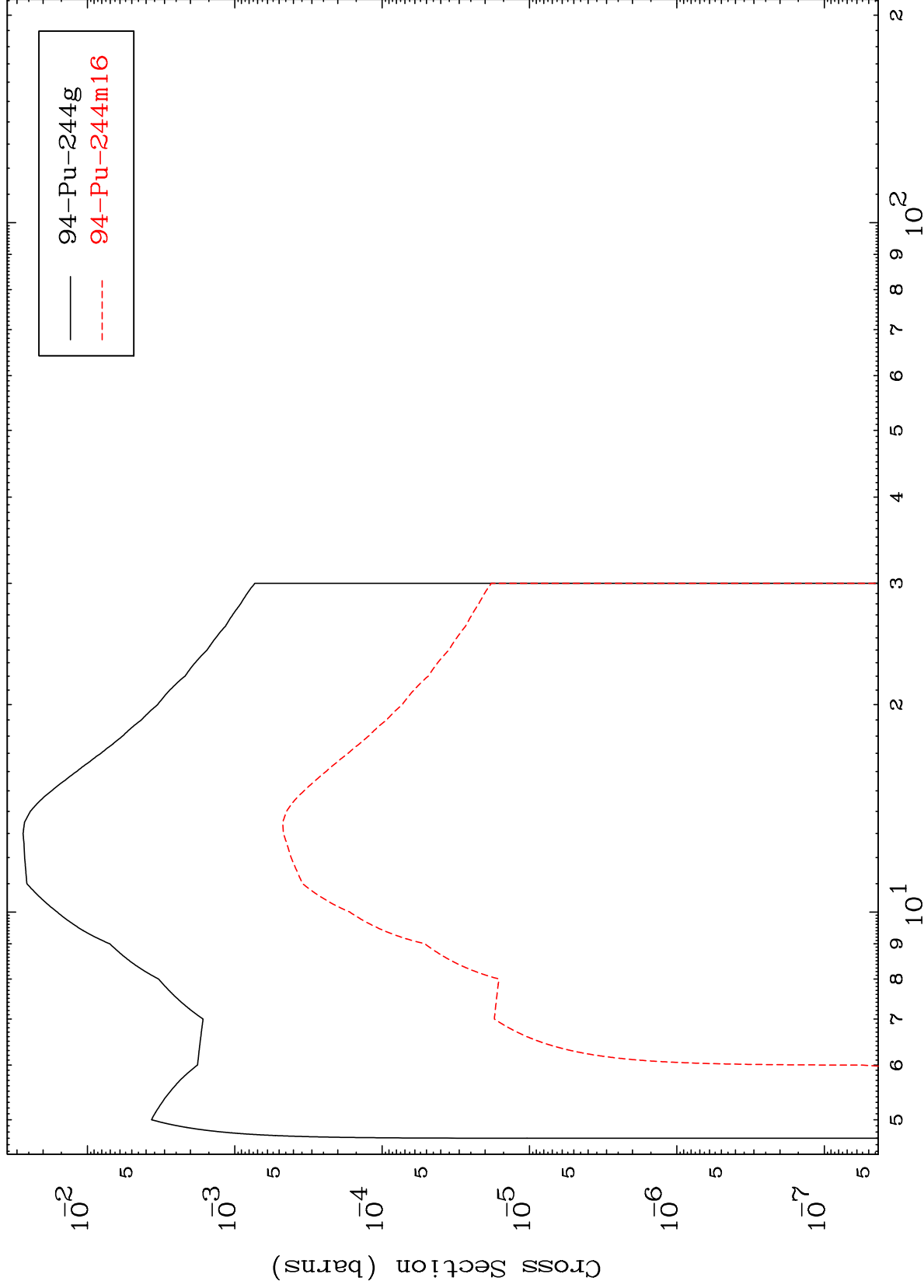
94-Pu-245

Secondary Energy (MeV)

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Inelastic  
Radionuclide Production Cross Section

94-Pu-245



17

Incident Energy (MeV)

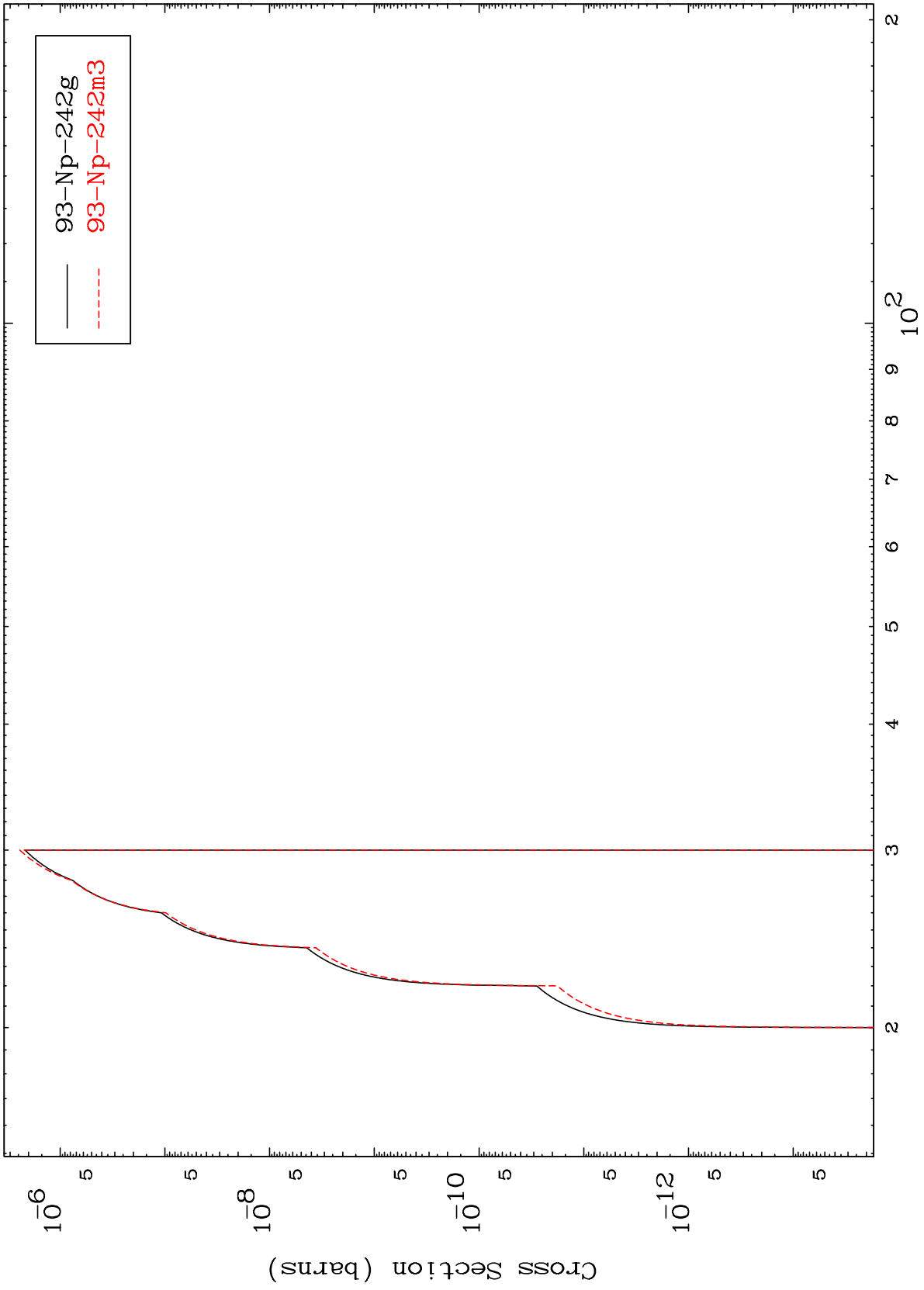
94-Pu-245

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(n,n') d

94-Pu-245

Radionuclide Production Cross Section



18

Incident Energy (MeV)

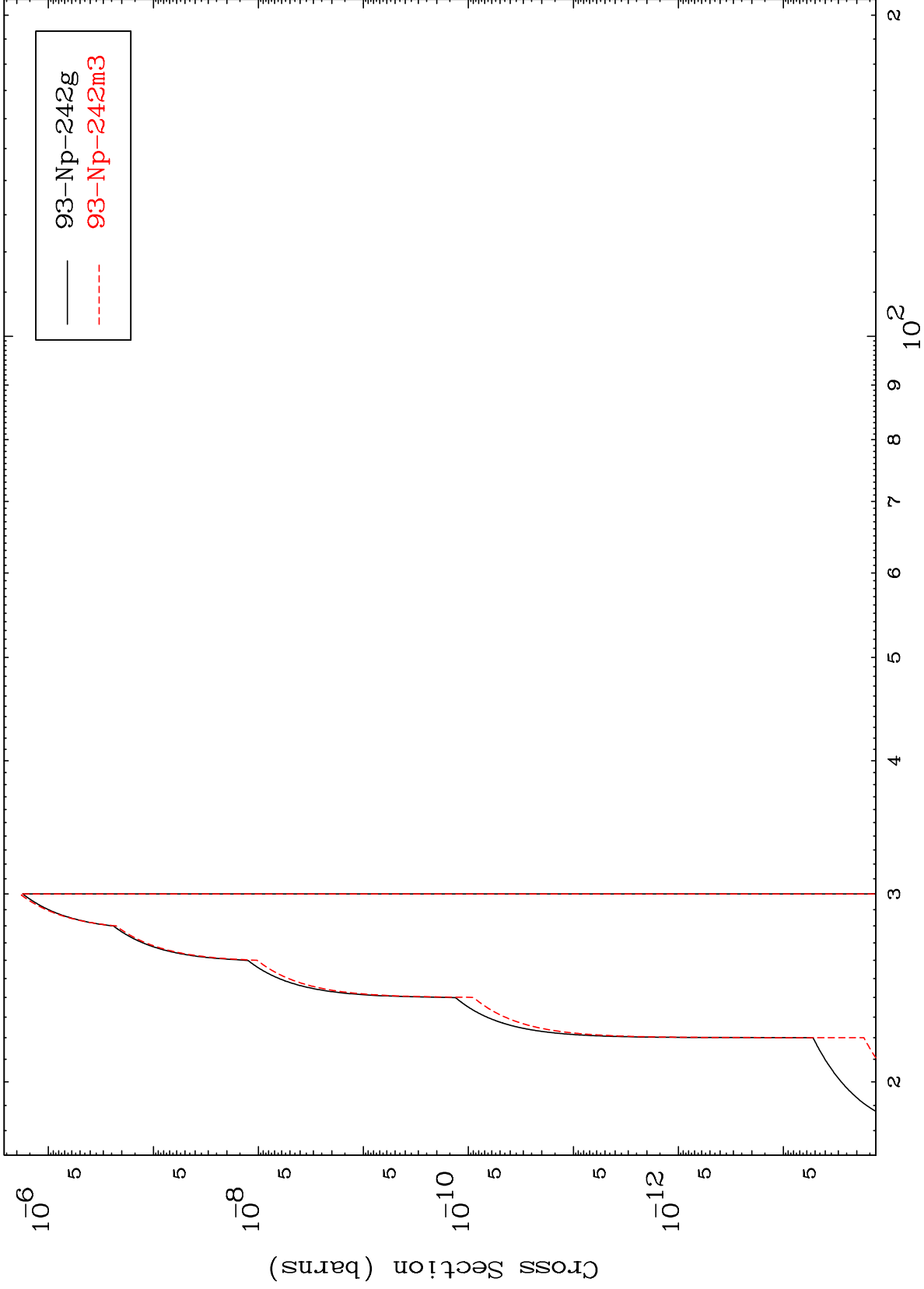
94-Pu-245

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(n,2n) p

94-Pu-245

Radionuclide Production Cross Section



19

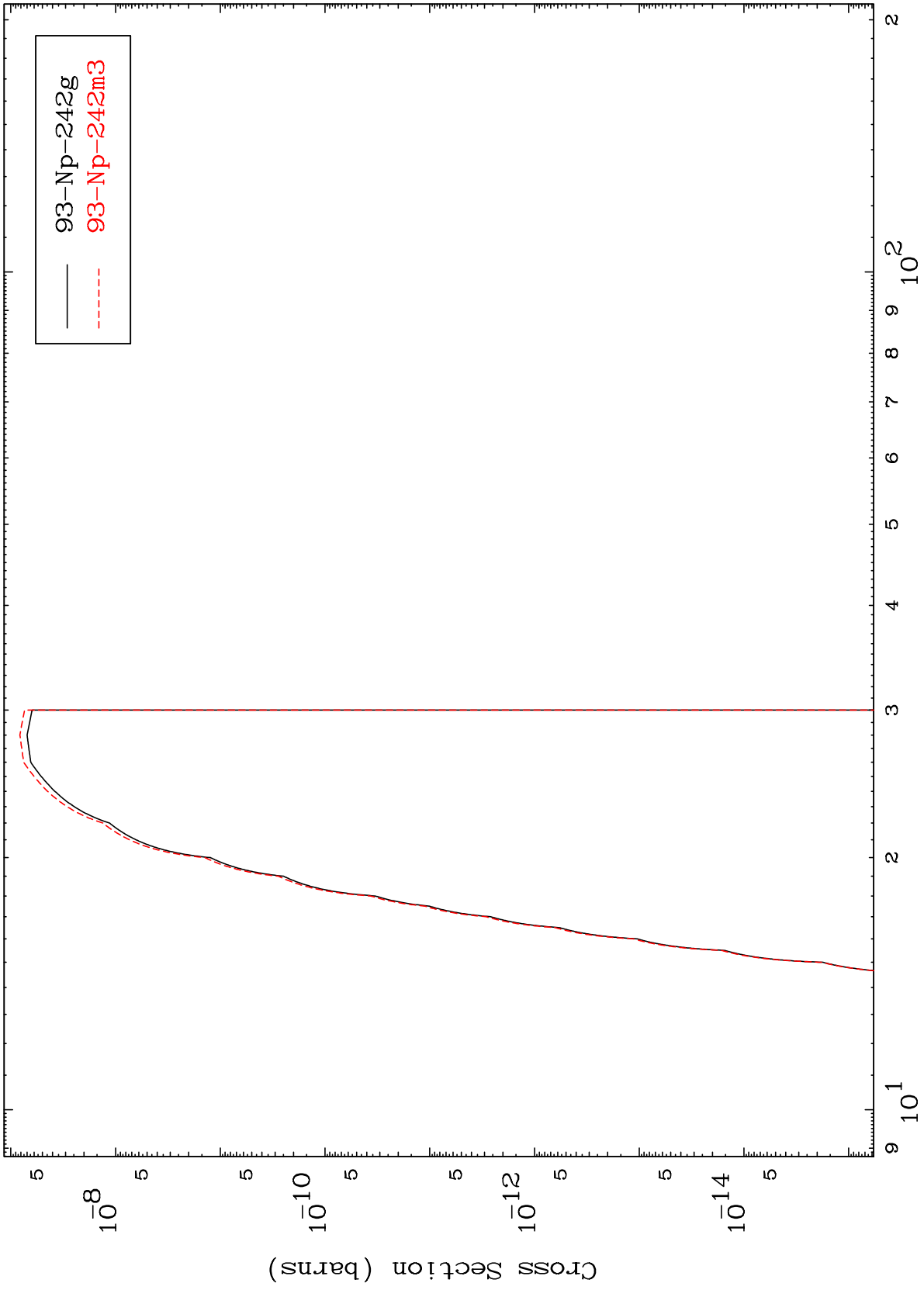
Incident Energy (MeV)

94-Pu-245

MAT 9455

94-Pu-245

(n, t)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

94-Pu-245