

Program EVALPLOT
(Version 2021-1)

by

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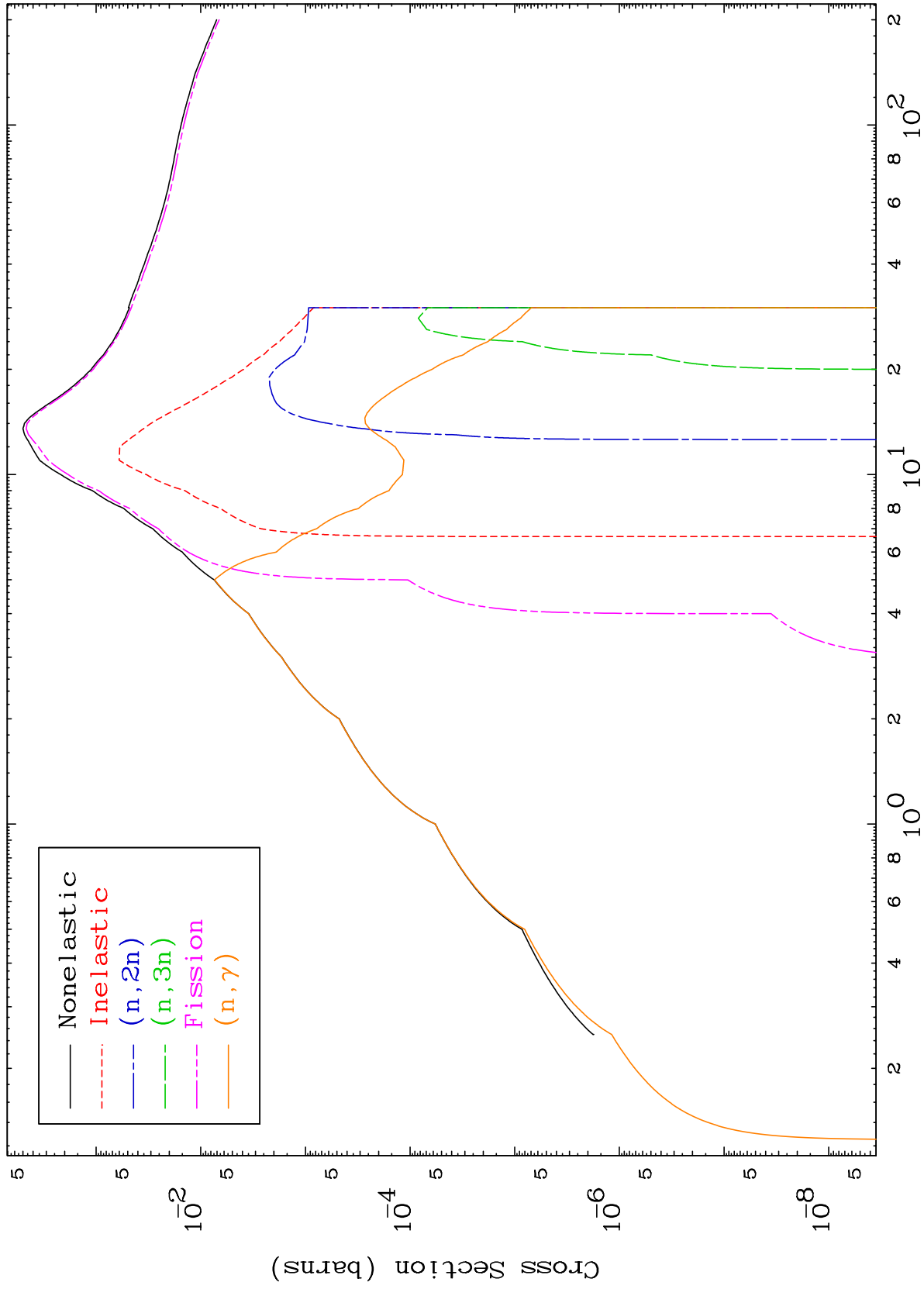
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9543

0 Kelvin Major
Photon Cross Sections

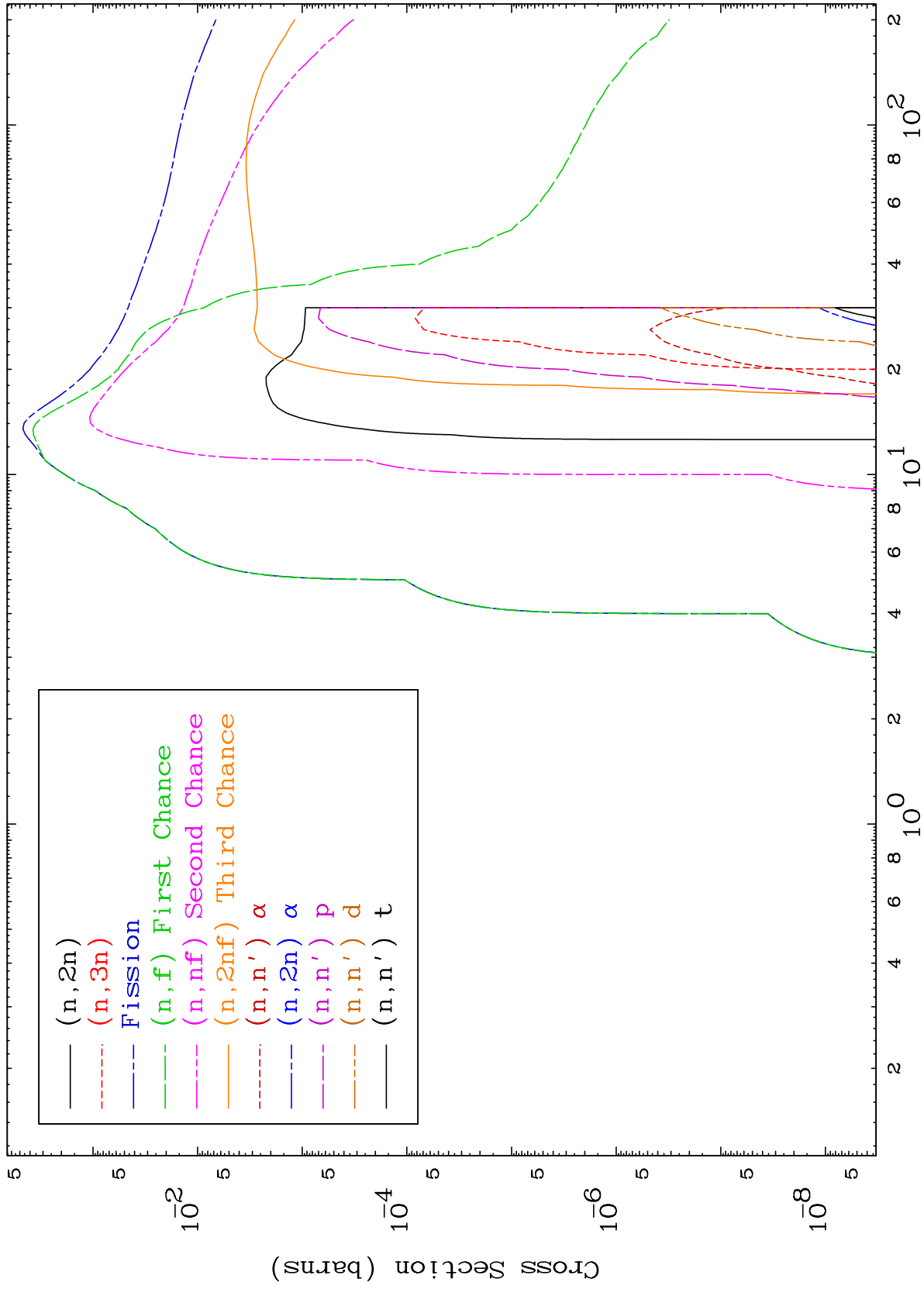
95-Am-241



MAT 9543

Photon Neutron Absorption
0 Kelvin Cross Sections

95-Am-241



2

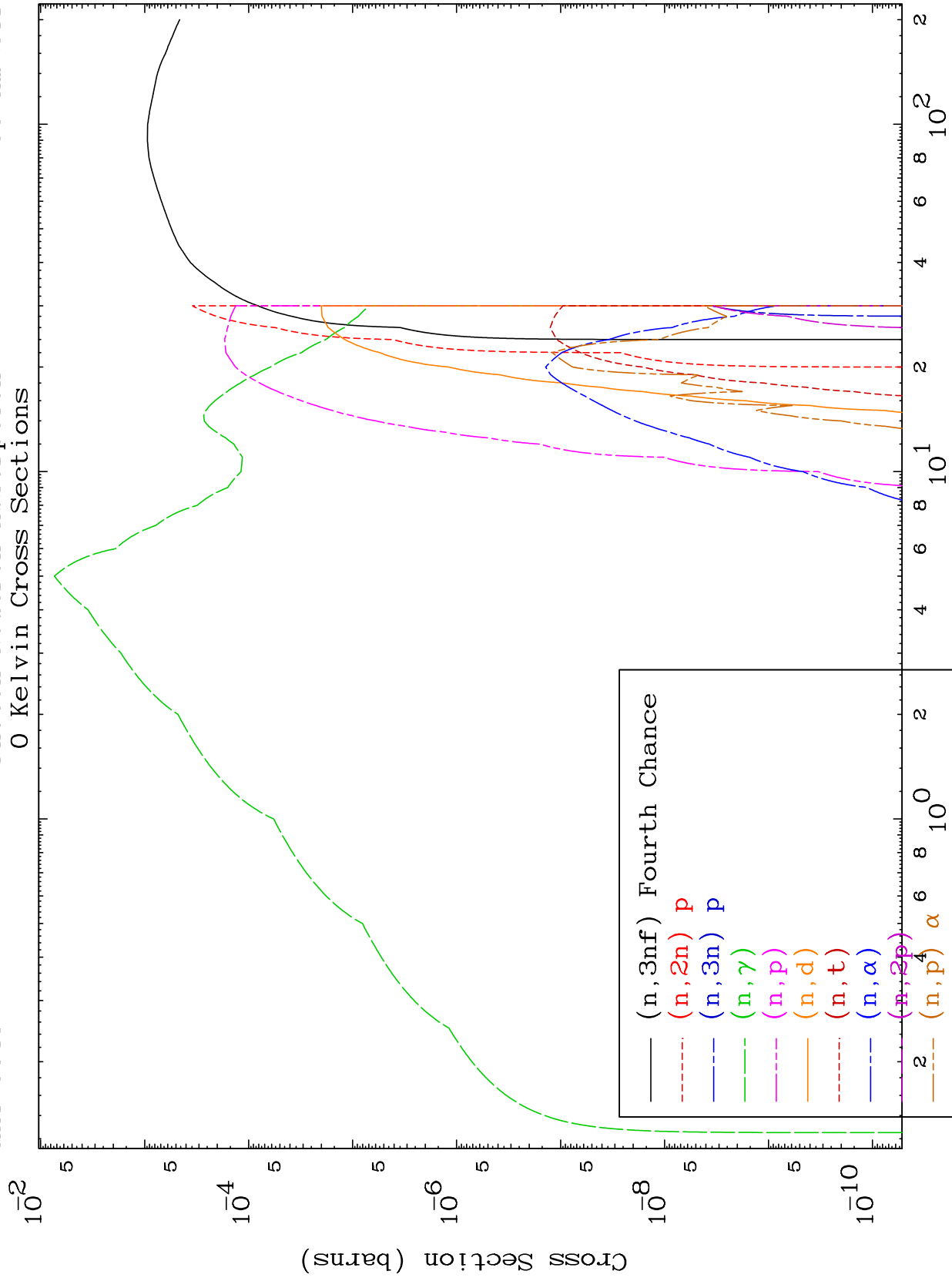
Incident Energy (MeV)

95-Am-241

MAT 9543

Photon Neutron Absorption
0 Kelvin Cross Sections

95-Am-241



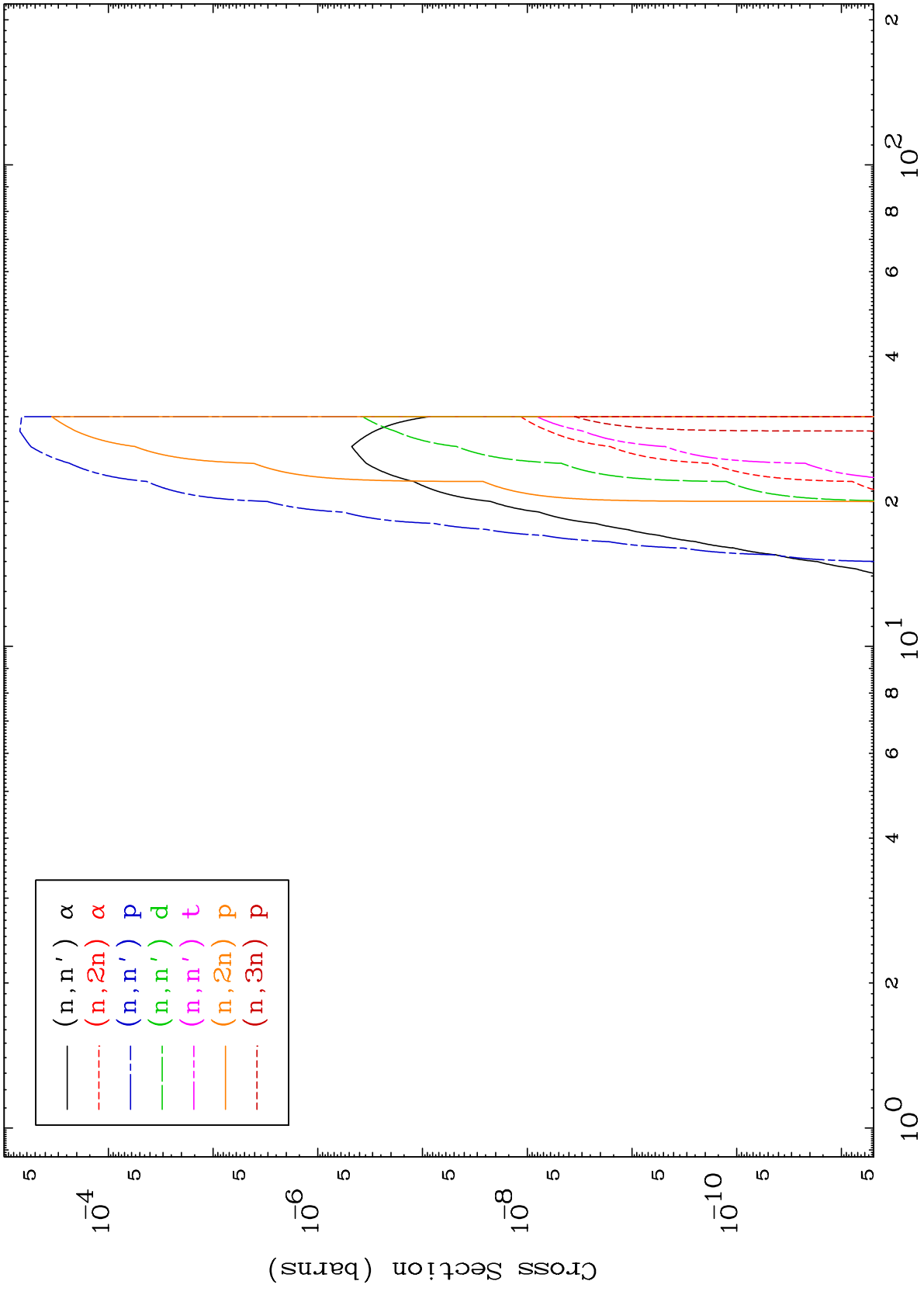
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95-Am-241

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Photon Charged Particle
0 Kelvin Cross Sections

95-Am-241



95-Am-241

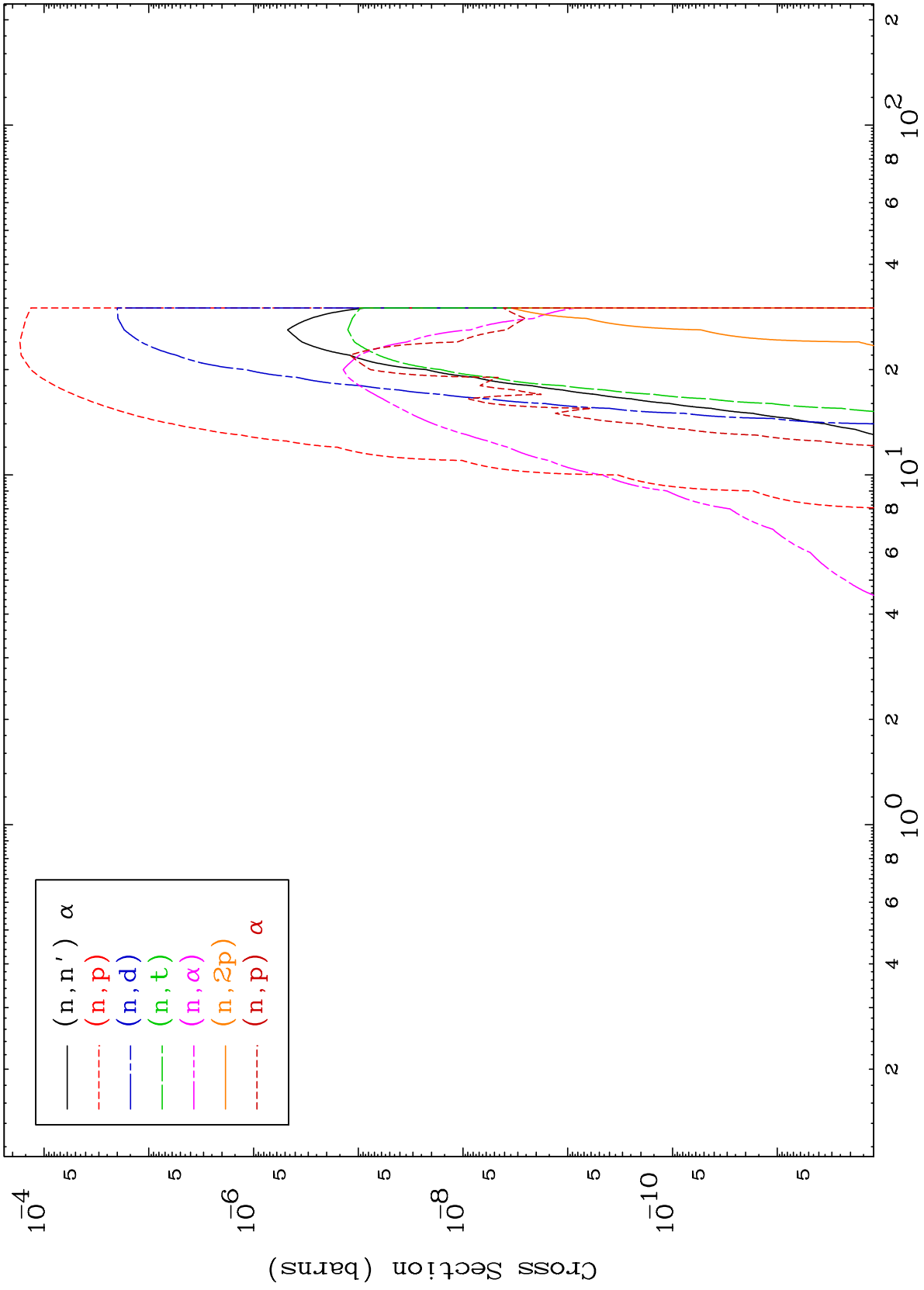
Incident Energy (MeV)

4

MAT 9543

Photon Charged Particle
0 Kelvin Cross Sections

95-Am-241



5

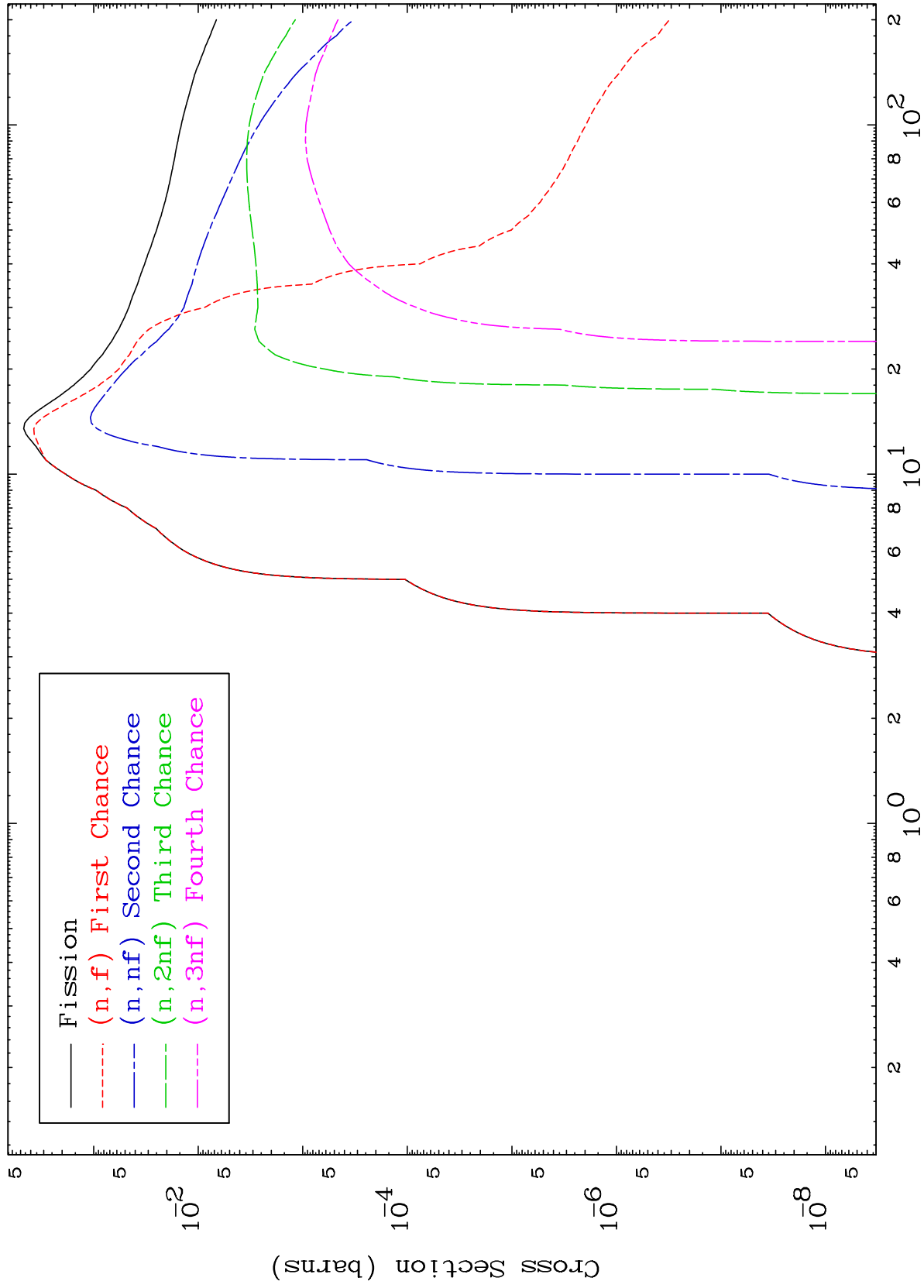
Incident Energy (MeV)

95-Am-241

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Photon Fission
0 Kelvin Cross Sections

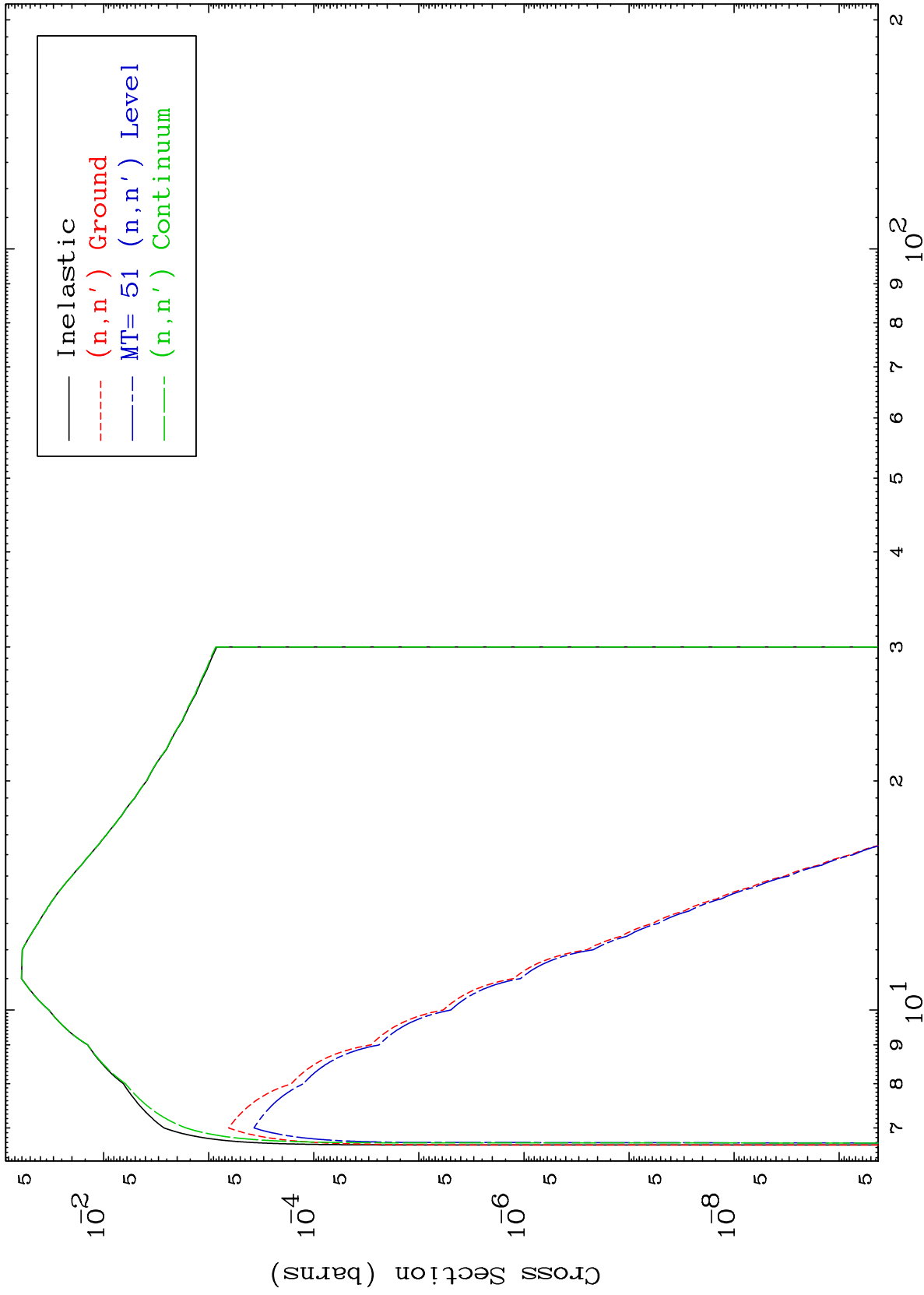
95-Am-241



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95-Am-241

(γ, n') Levels
0 Kelvin Cross Sections



7

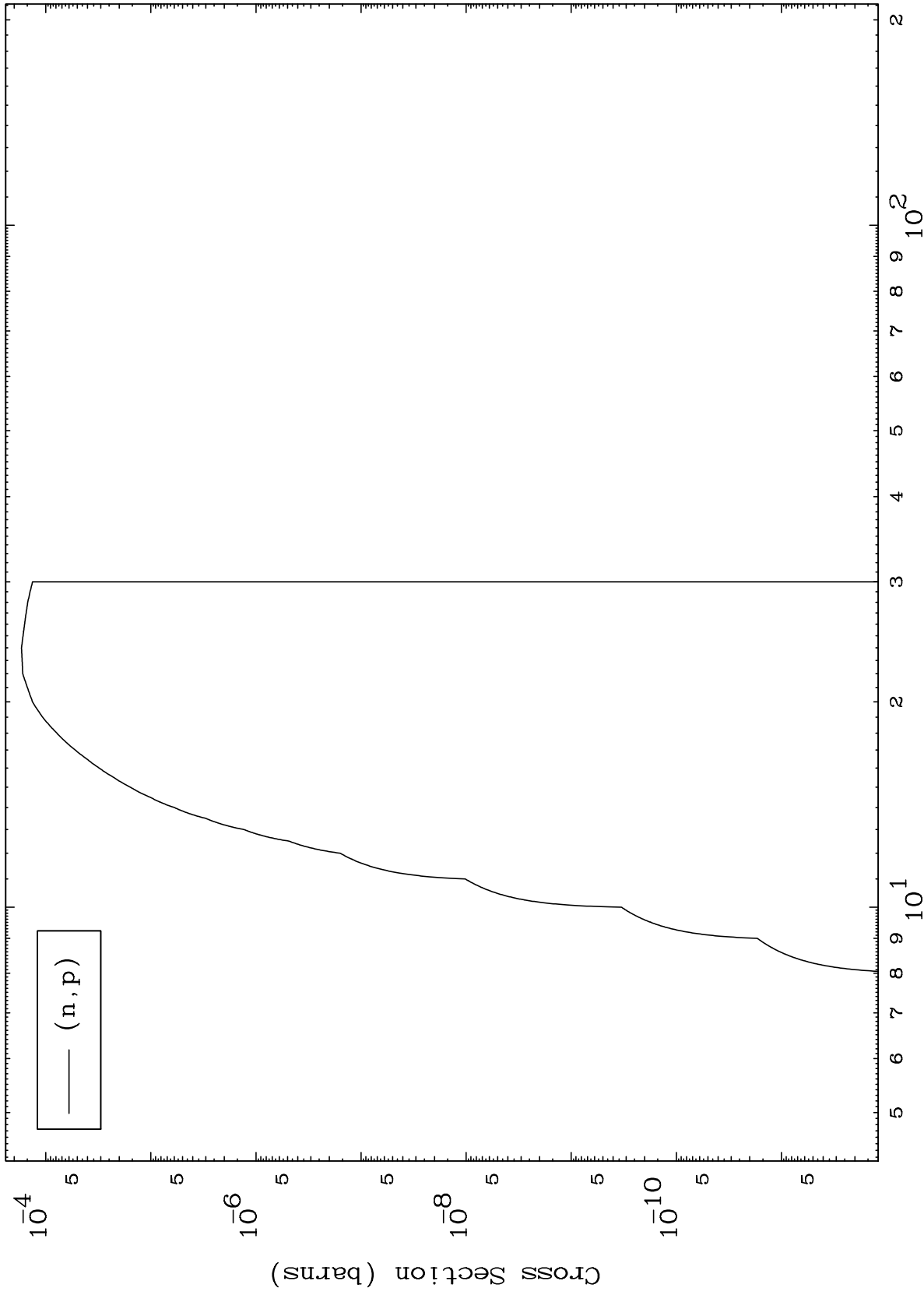
Incident Energy (MeV)

95-Am-241

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(γ, p) Levels
0 Kelvin Cross Sections

95-Am-241



8

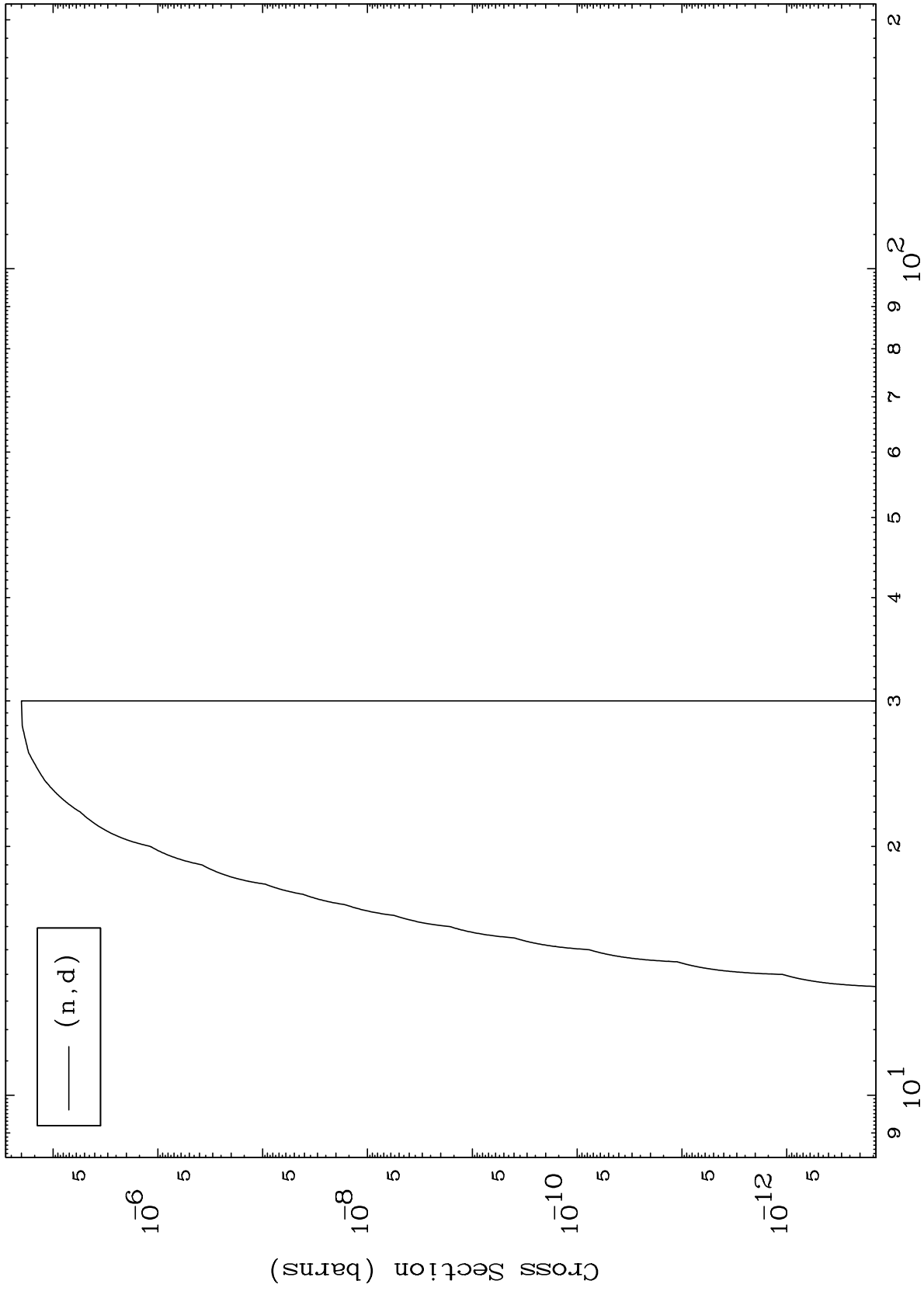
Incident Energy (MeV)

95-Am-241

MAT 9543

(γ, d) Levels
0 Kelvin Cross Sections

95-Am-241



9

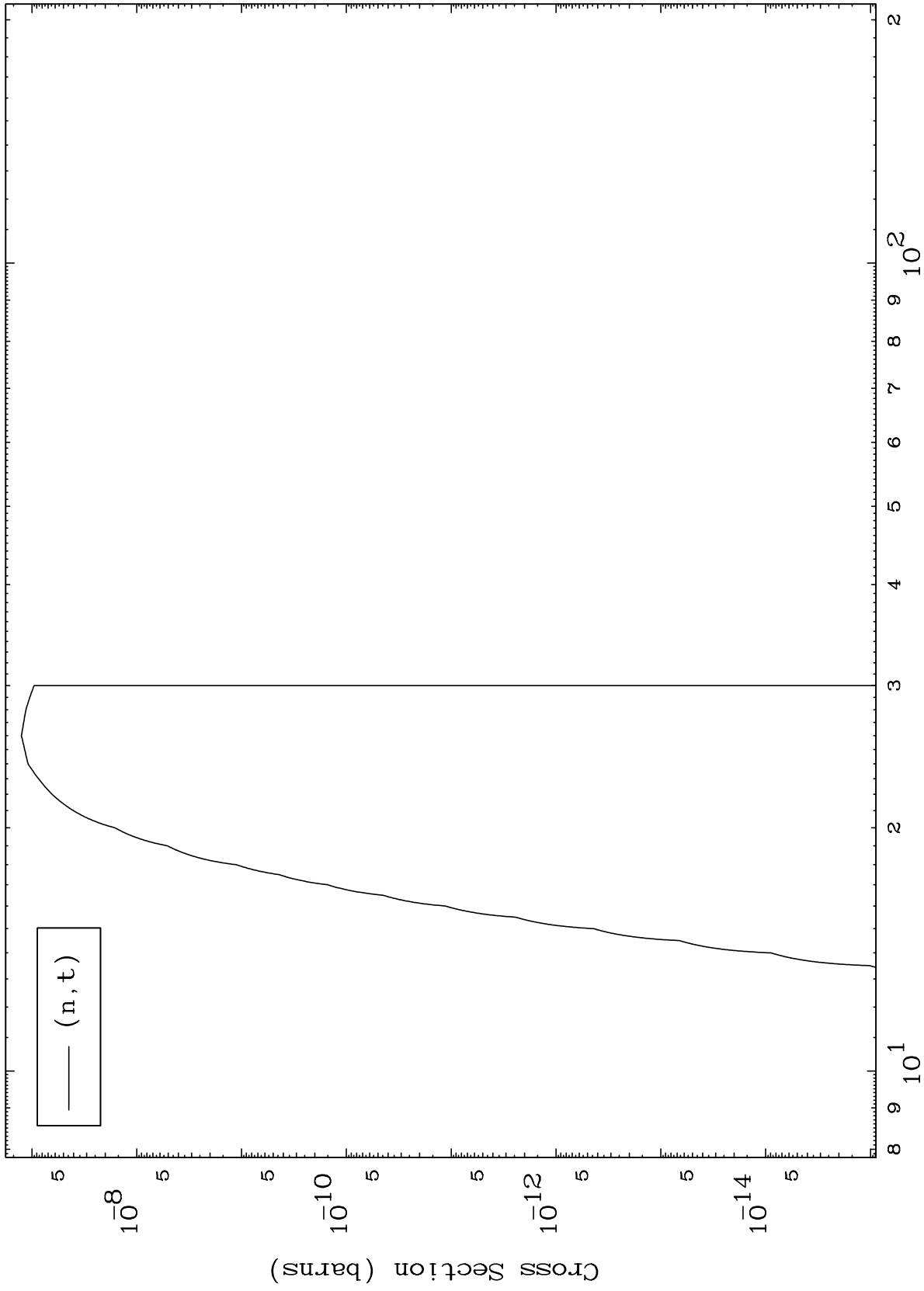
Incident Energy (MeV)

95-Am-241

MAT 9543

(γ, t) Levels
0 Kelvin Cross Sections

95-Am-241



10

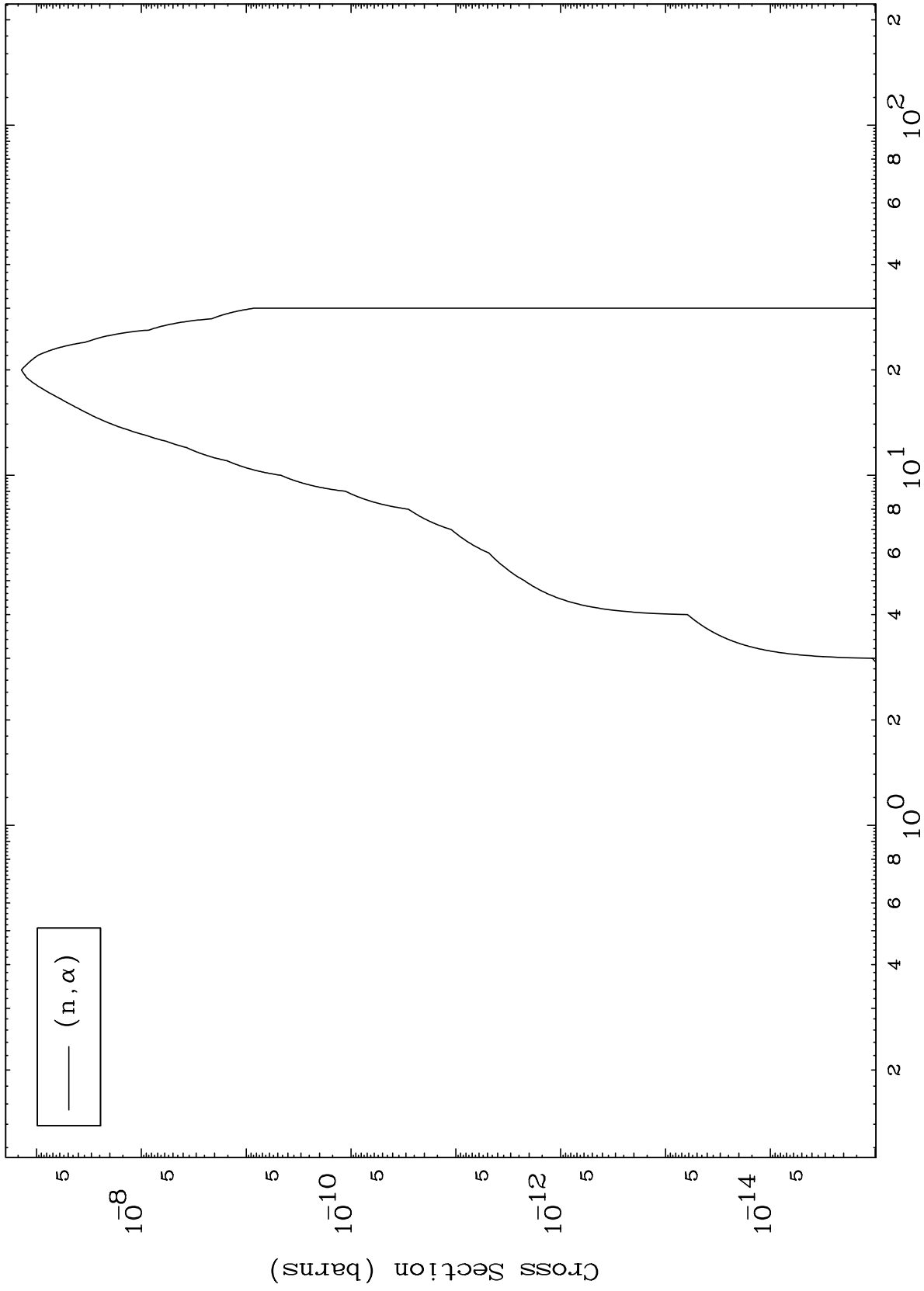
Incident Energy (MeV)

95-Am-241

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(γ, α) Levels
0 Kelvin Cross Sections

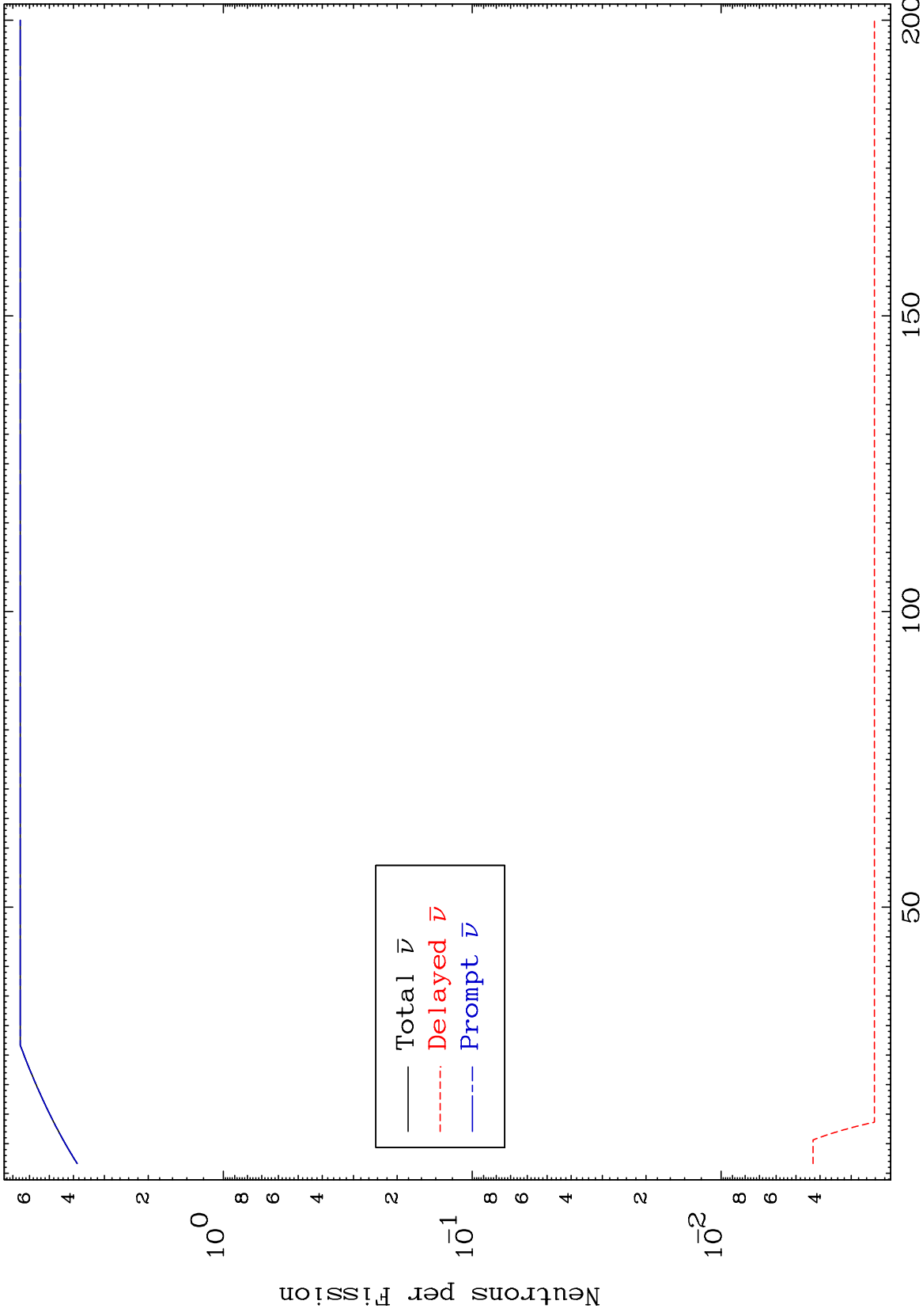
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Photon Neutrons
per Fission

95-Am-241



12

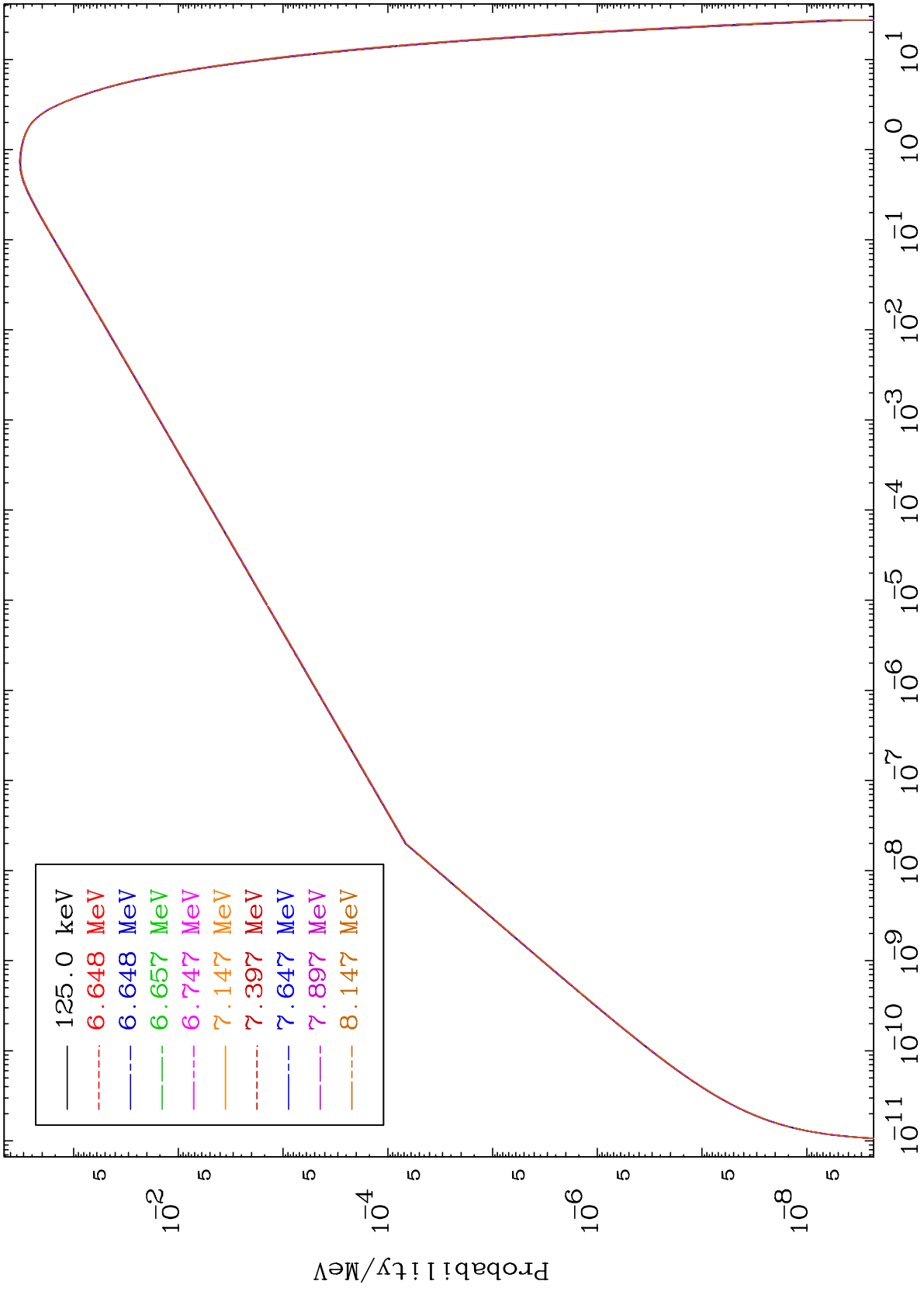
Incident Energy (MeV)

95-Am-241

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Fission Energy Distributions

95-Am-241



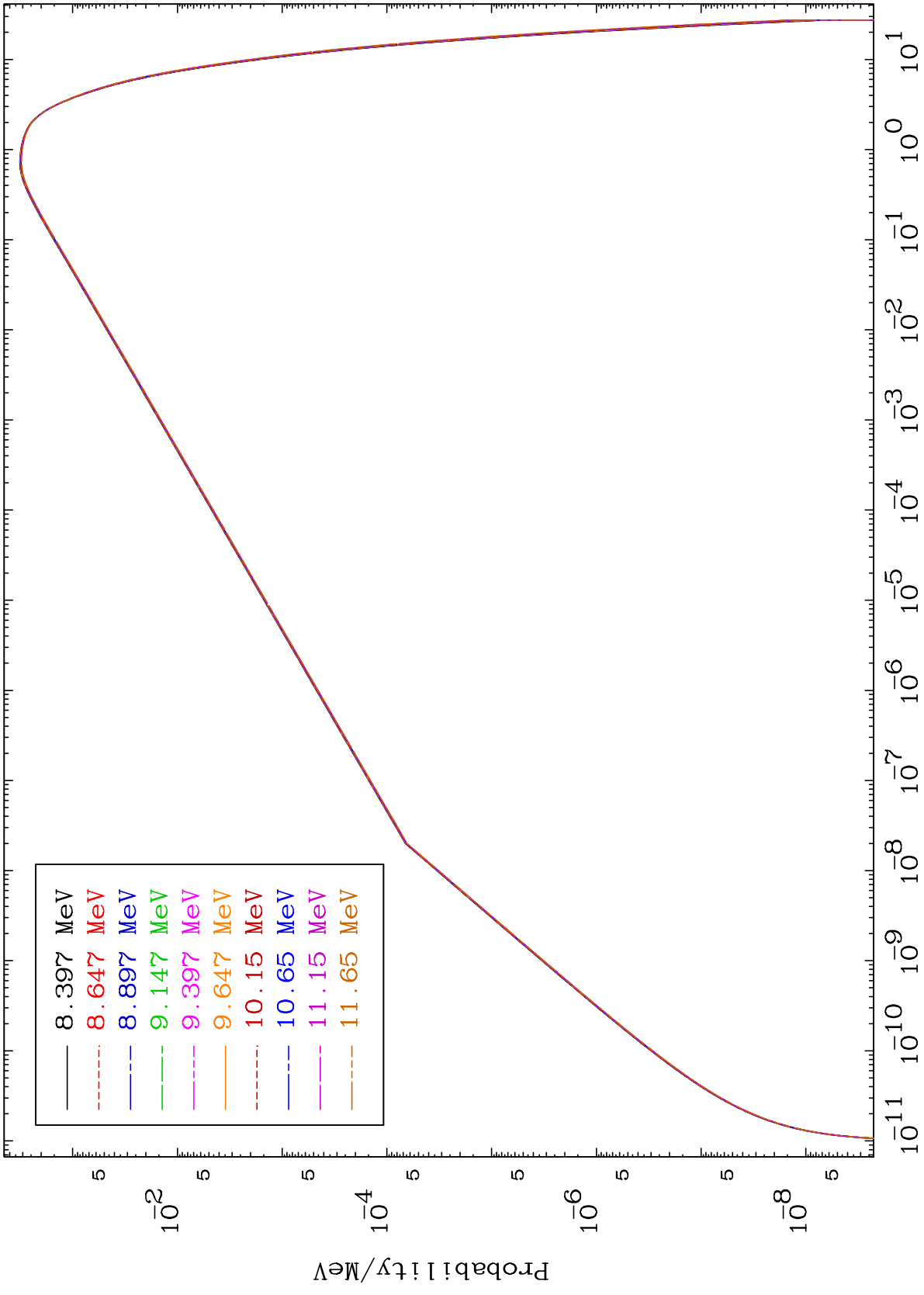
95-Am-241

Secondary Energy (MeV)

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Fission Energy Distributions

95-Am-241

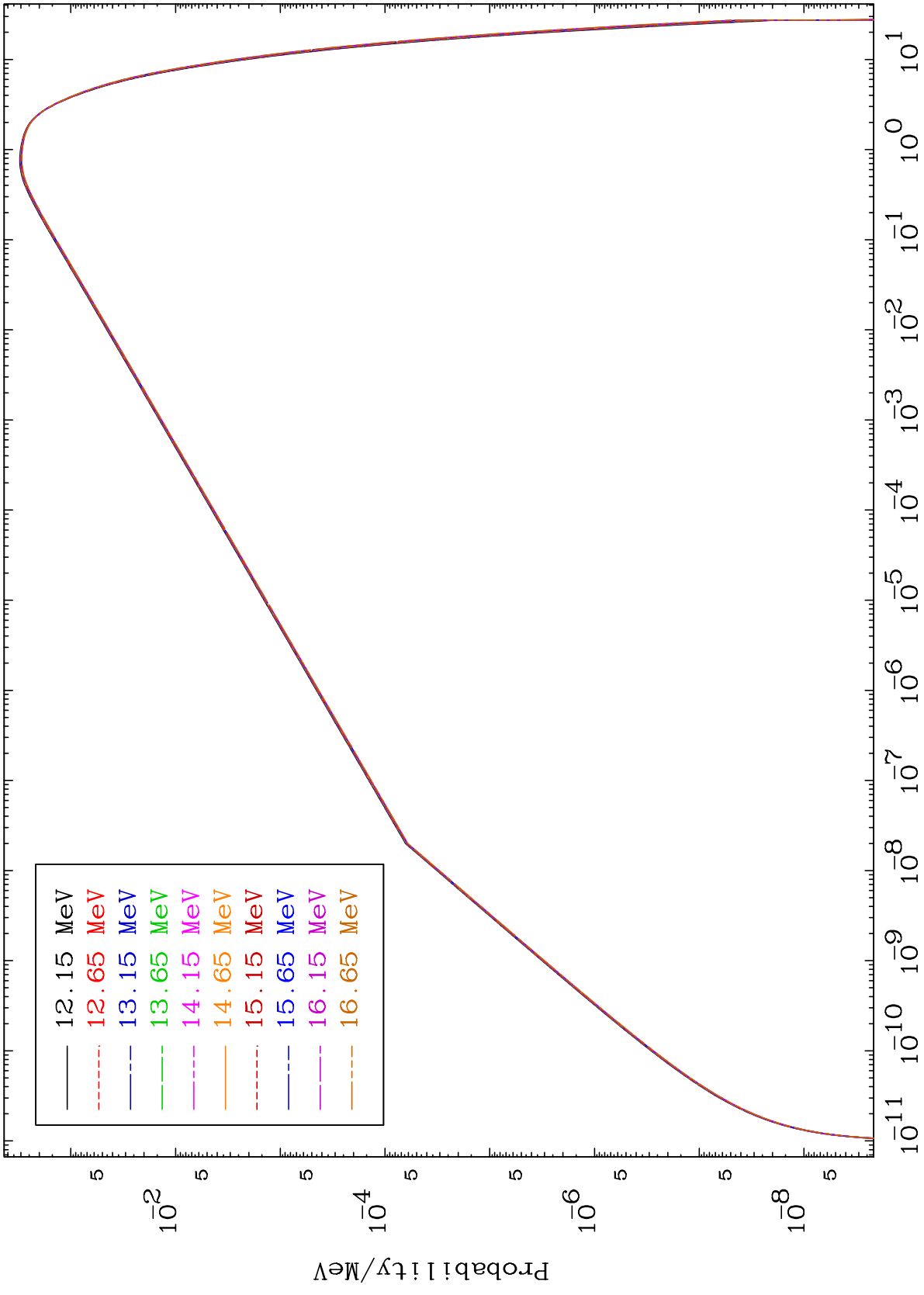


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Fission Energy Distributions

95-Am-241



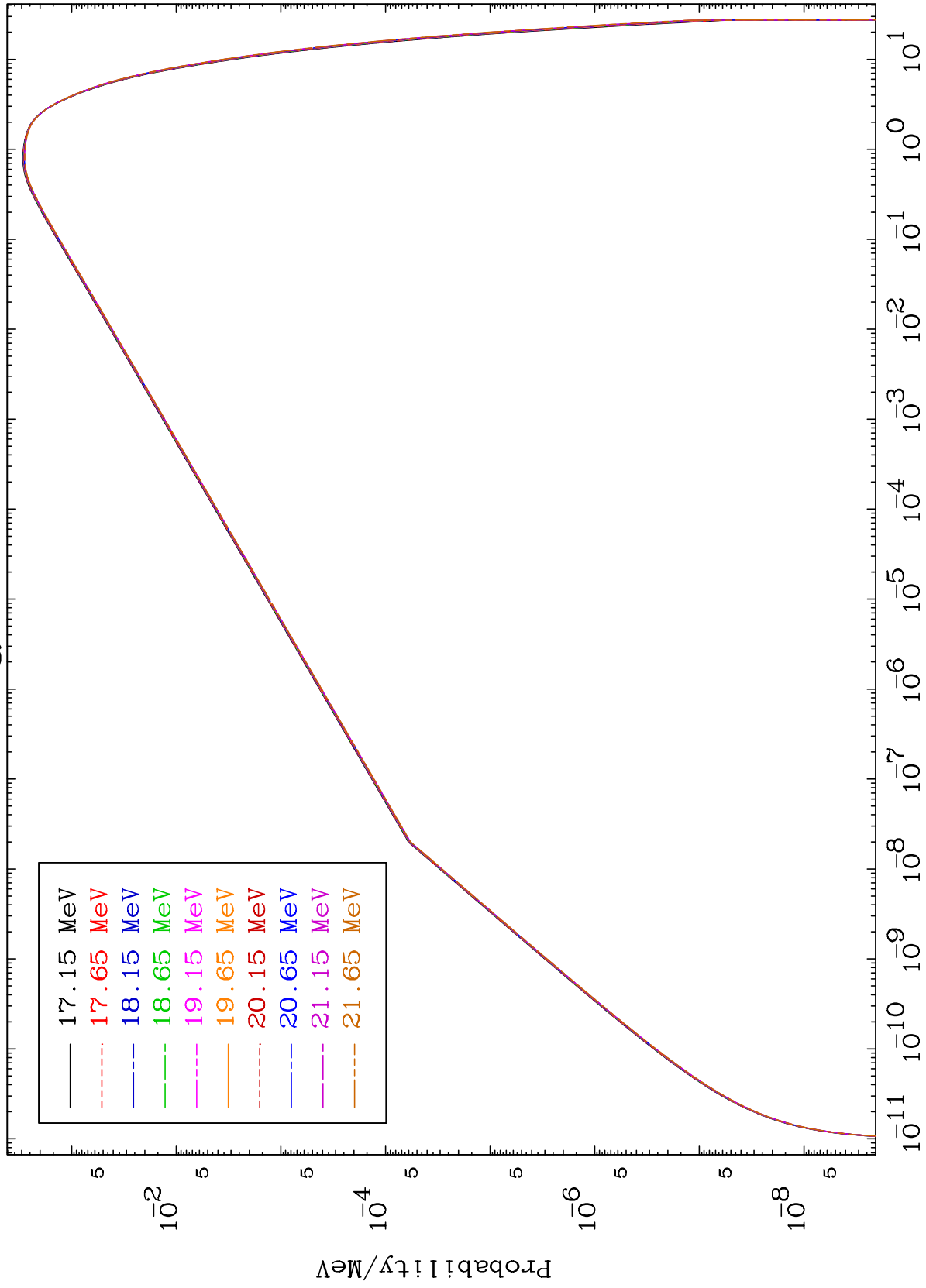
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Secondary Energy (MeV)

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Fission Energy Distributions

95-Am-241

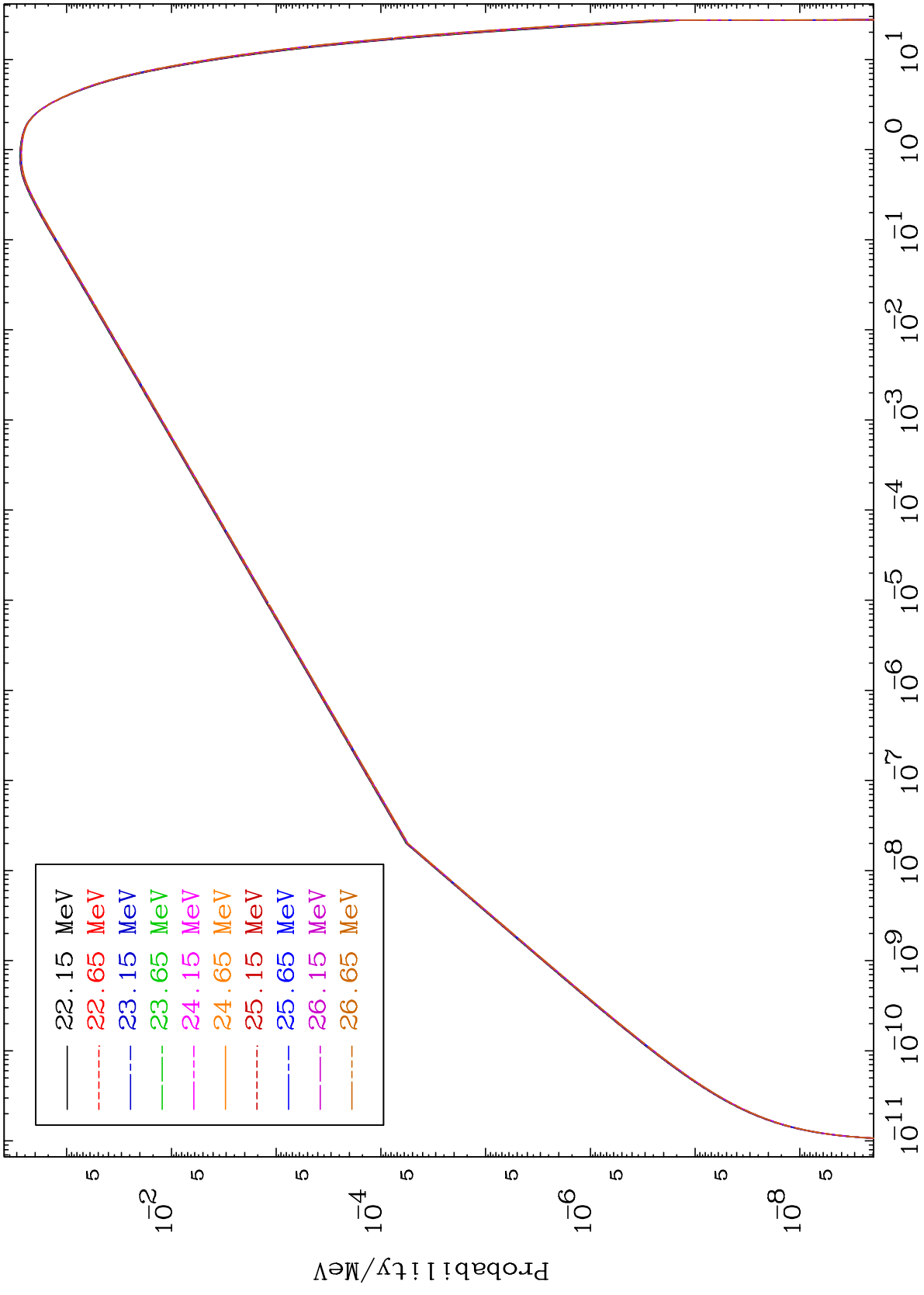


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Fission Energy Distributions

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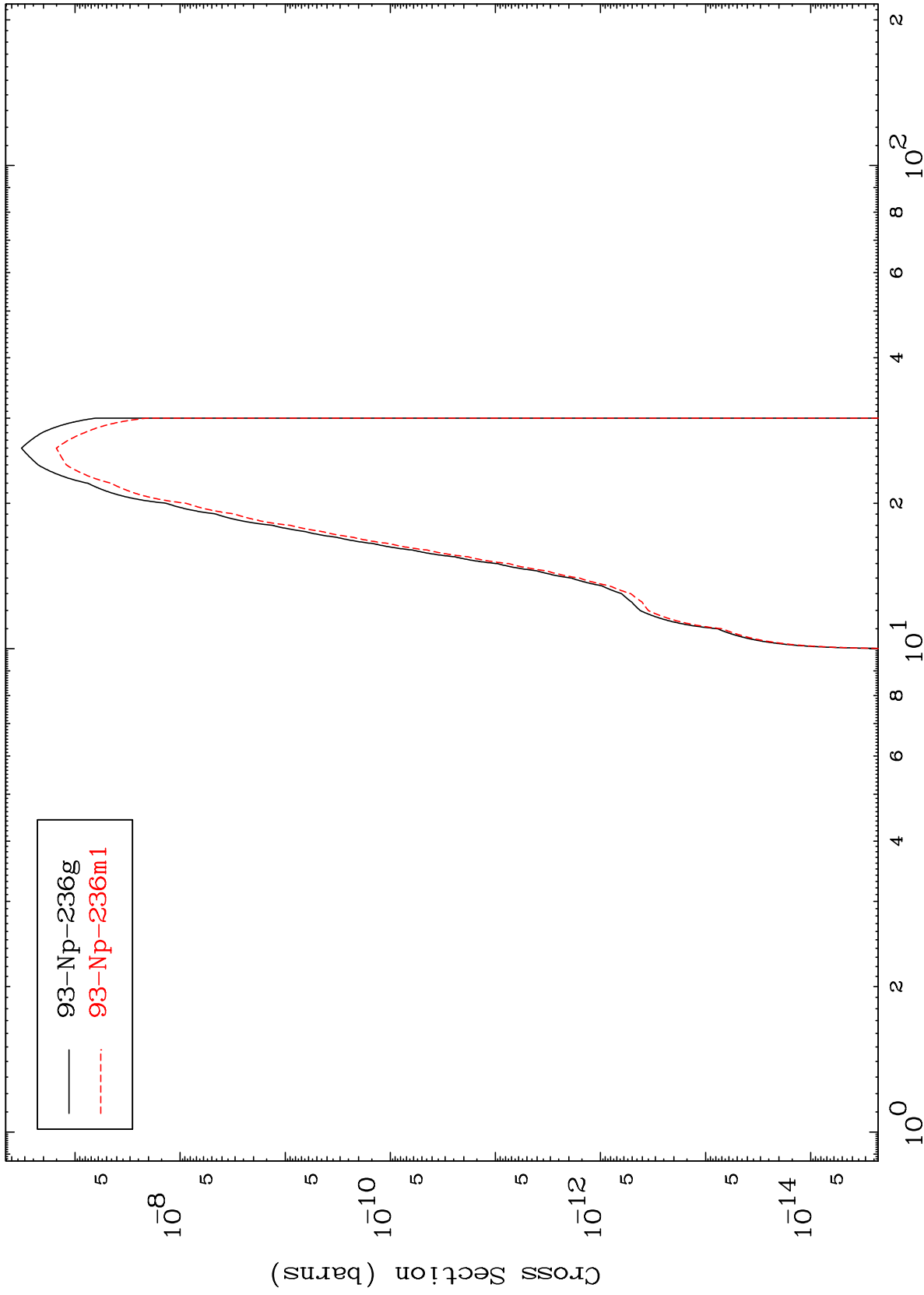
95-Am-241

MAT 9543

(n,n') α

95-Am-241

Radionuclide Production Cross Section



18

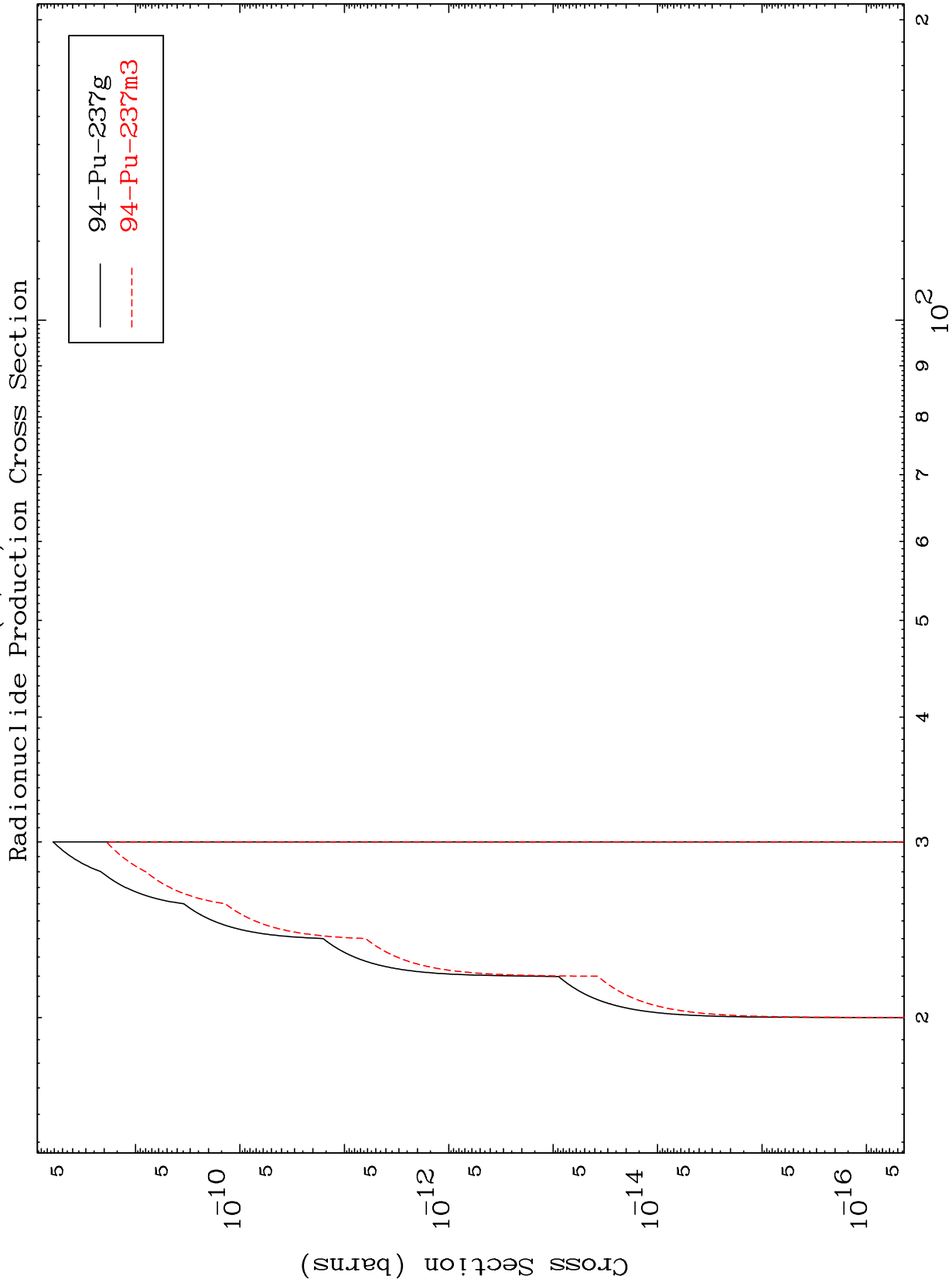
Incident Energy (MeV)

95-Am-241

MAT 9543

(n, n') t

95-Am-241



19

Incident Energy (MeV)

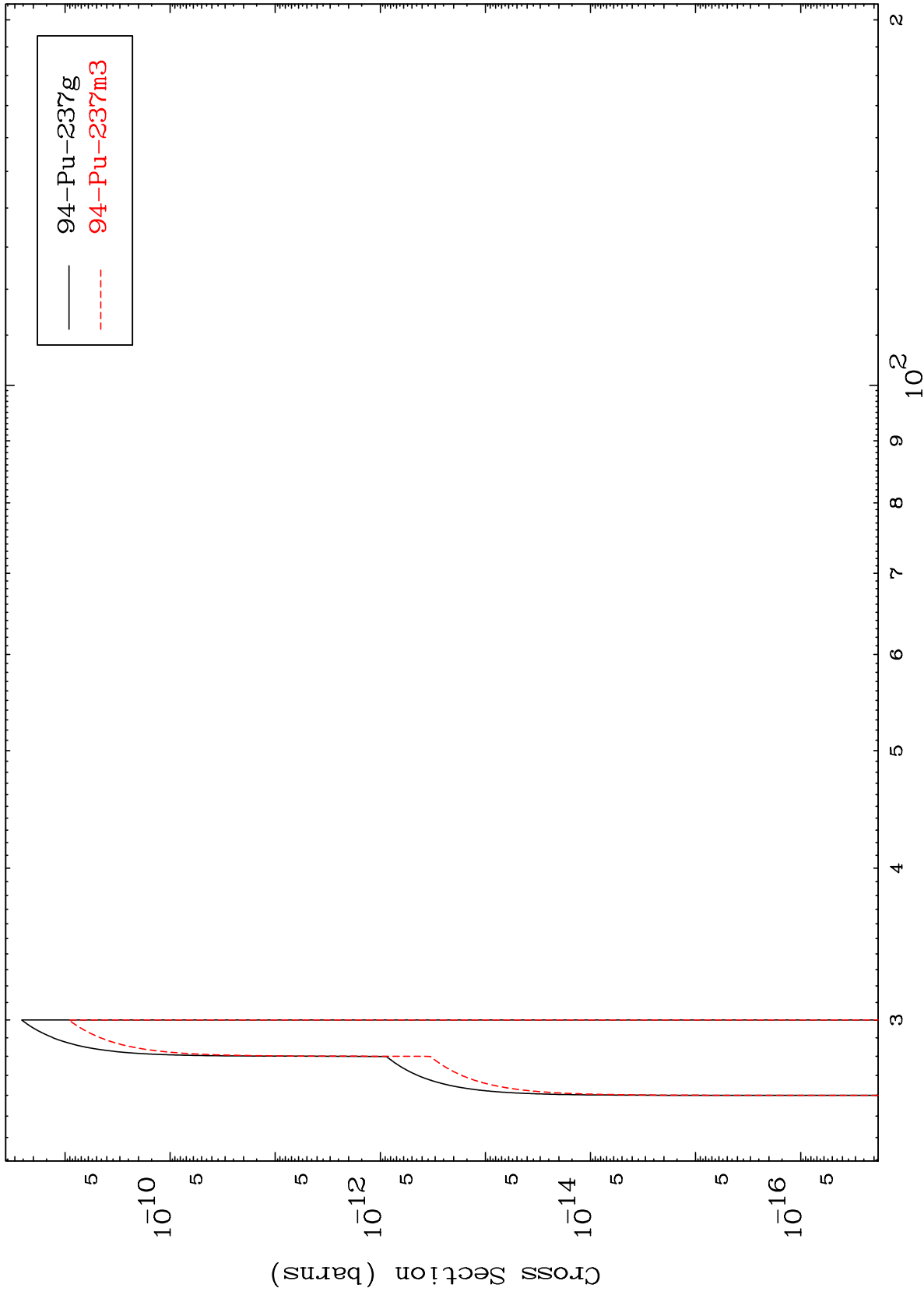
95-Am-241

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(n,3n) p

95-Am-241

Radionuclide Production Cross Section



20

Incident Energy (MeV)

95-Am-241