

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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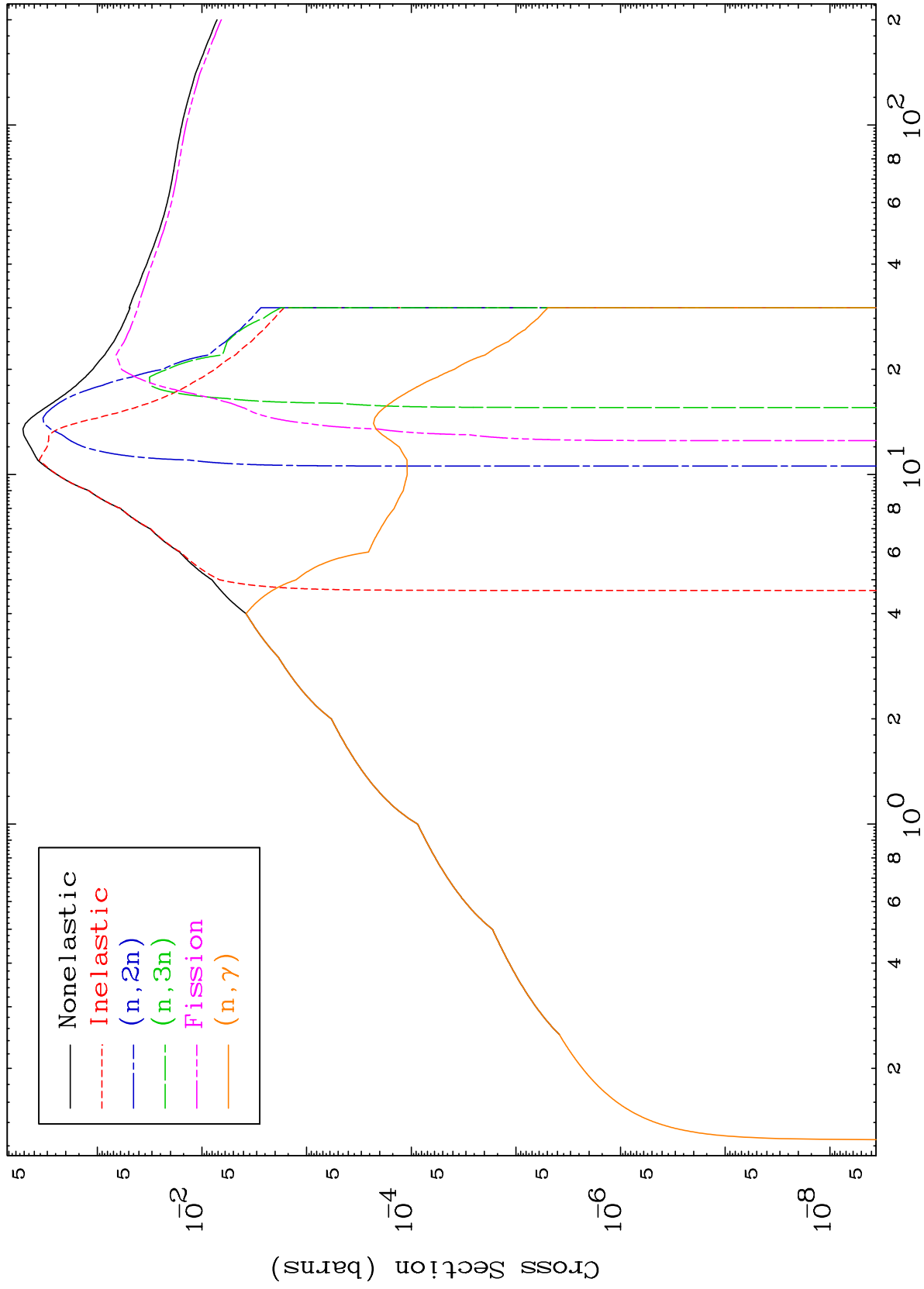
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9564

0 Kelvin Major  
Photon Cross Sections

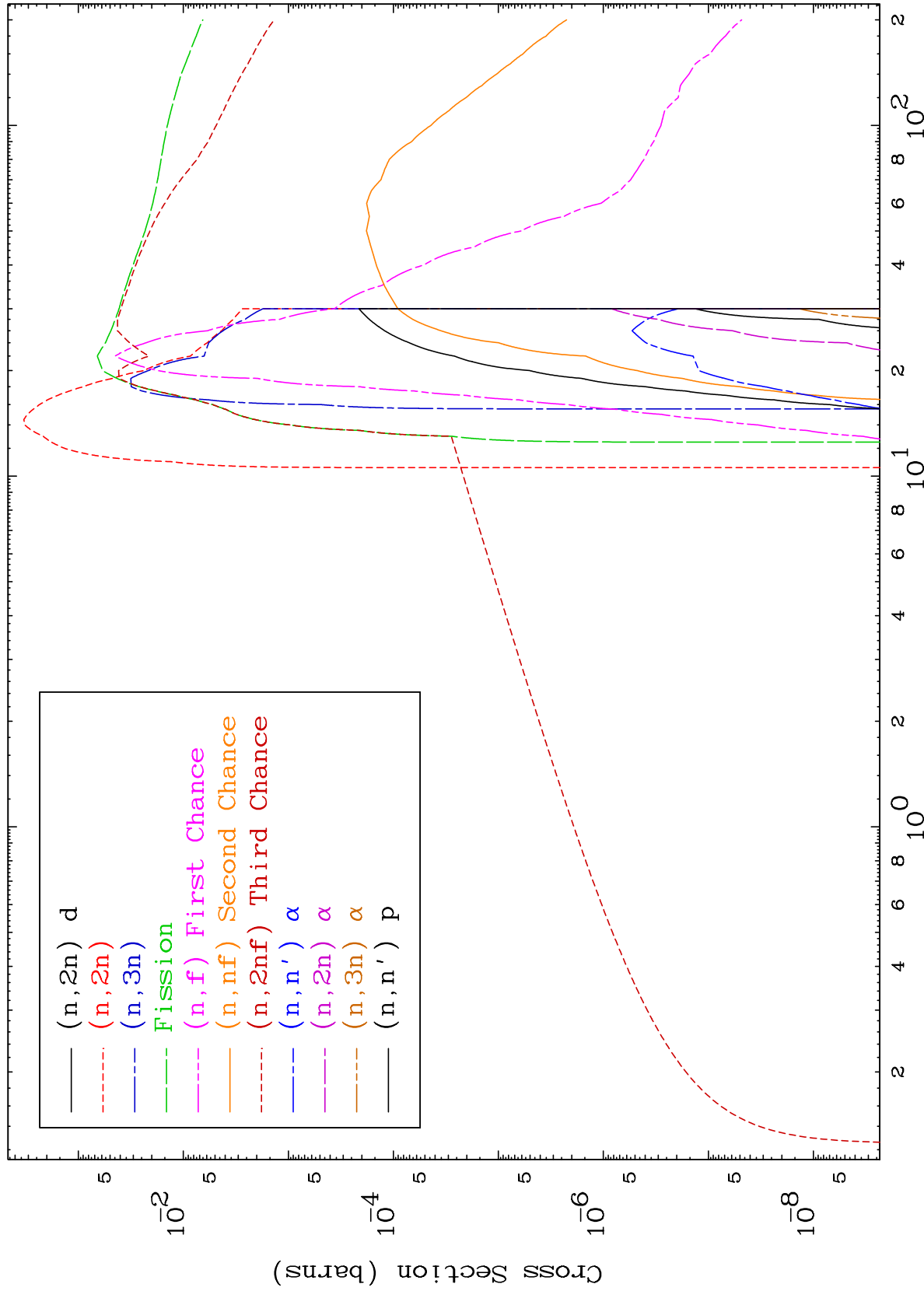
95-Am-248



MAT 9564

Photon Neutron Absorption  
0 Kelvin Cross Sections

95-Am-248



2

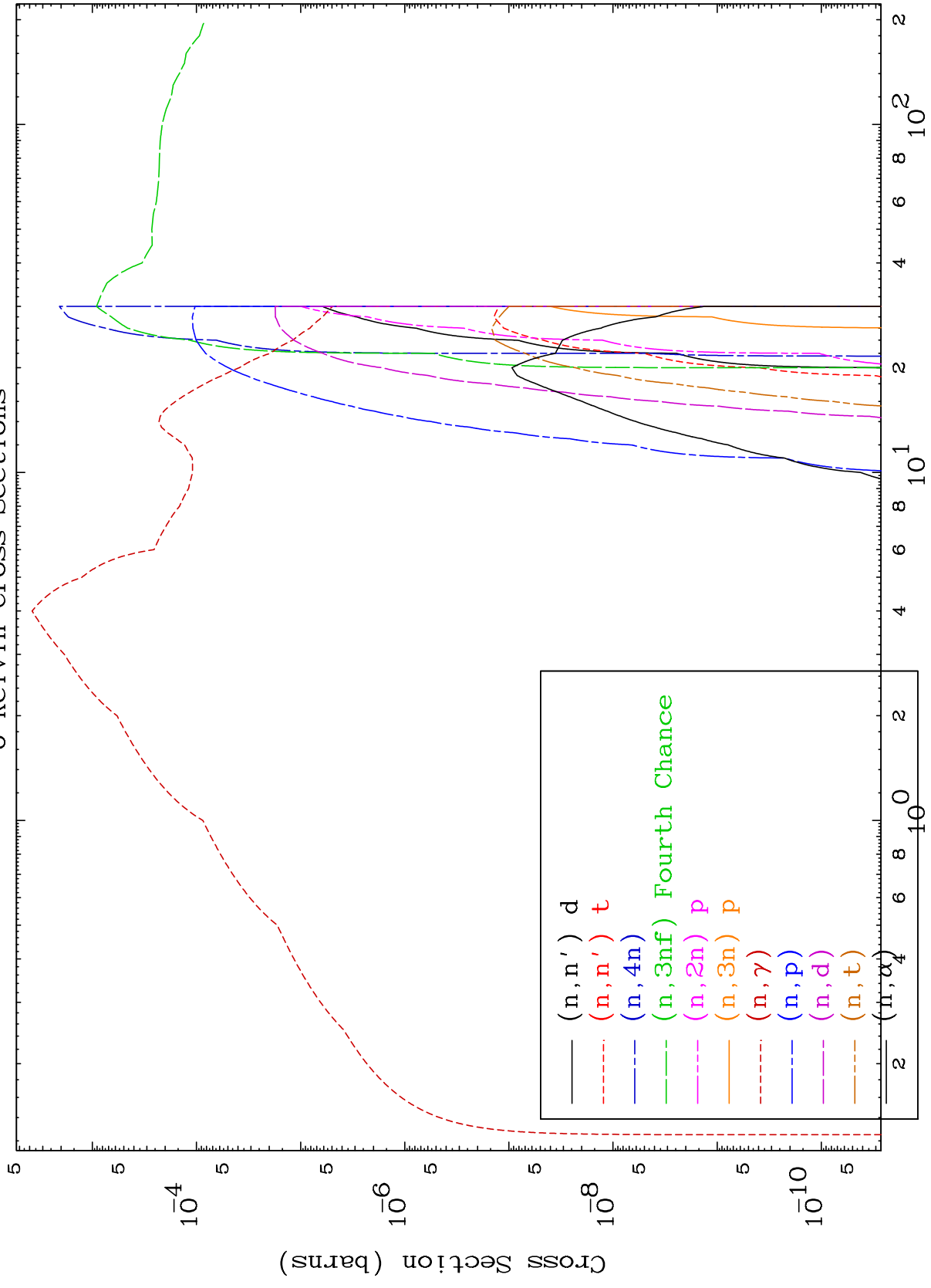
Incident Energy (MeV)

95-Am-248

MAT 9564

Photon Neutron Absorption  
0 Kelvin Cross Sections

95-Am-248



95-Am-248

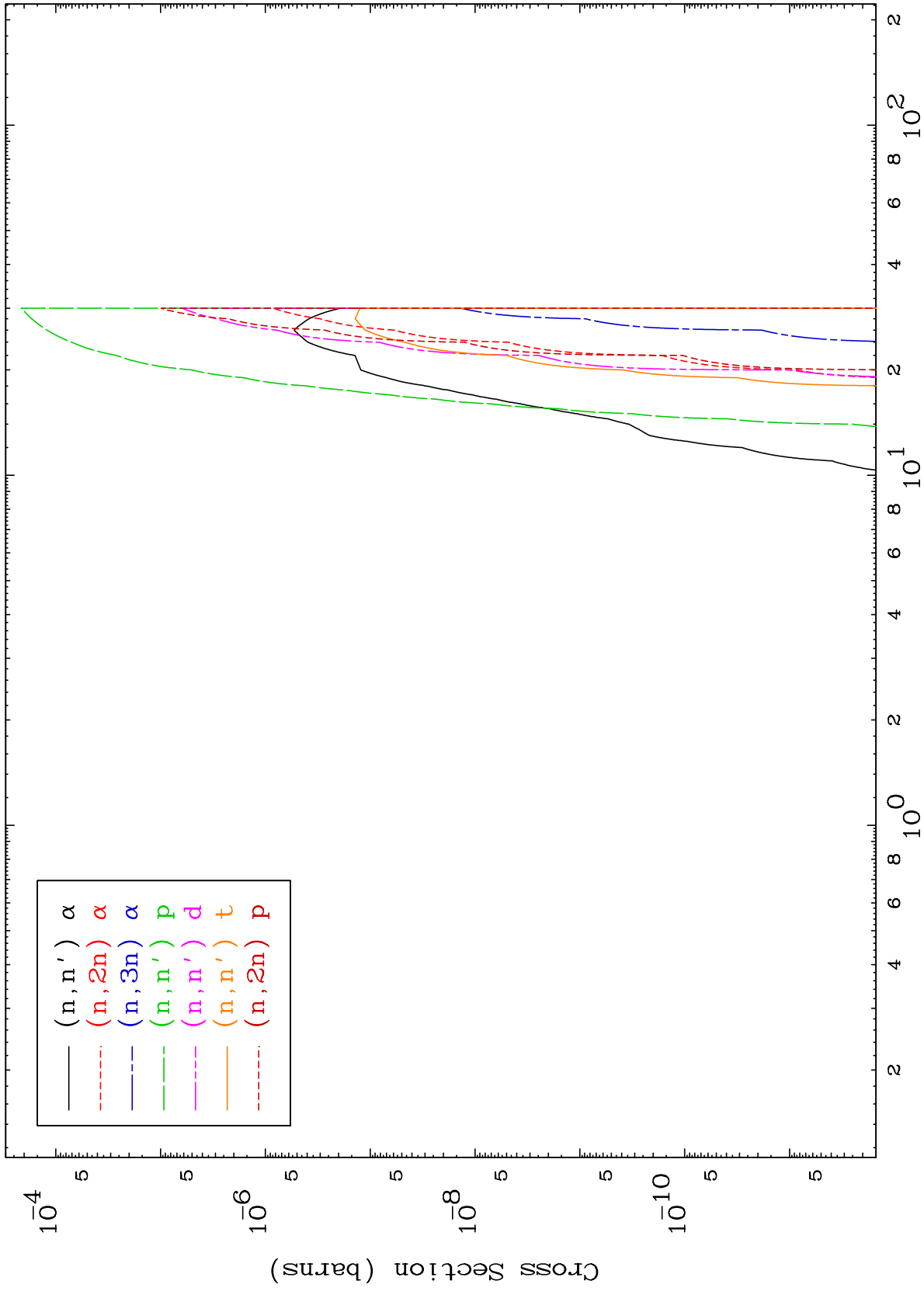
Incident Energy (MeV)

3

MAT 9564

Photon Charged Particle  
0 Kelvin Cross Sections

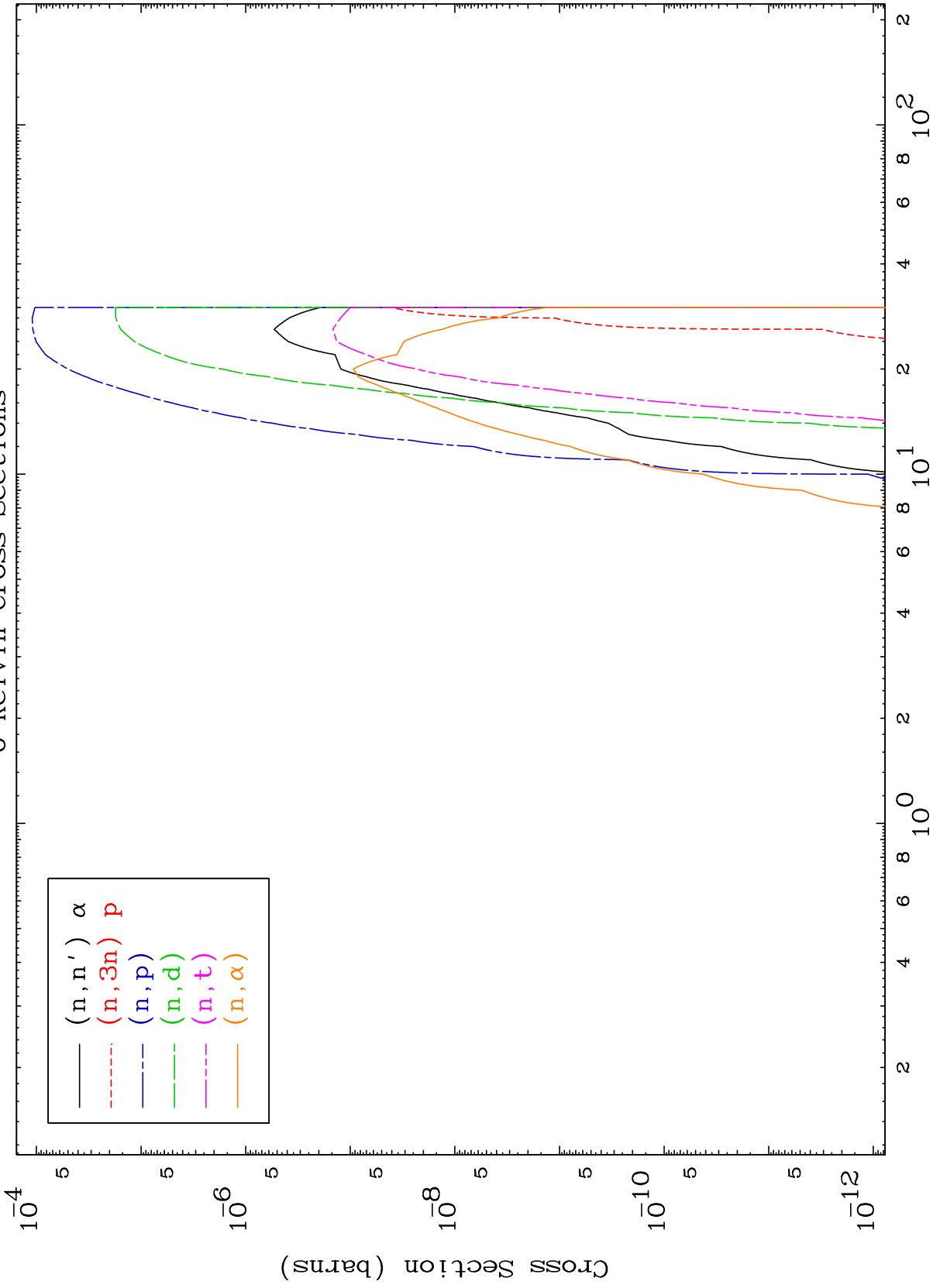
95-Am-248



MAT 9564

Photon Charged Particle  
0 Kelvin Cross Sections

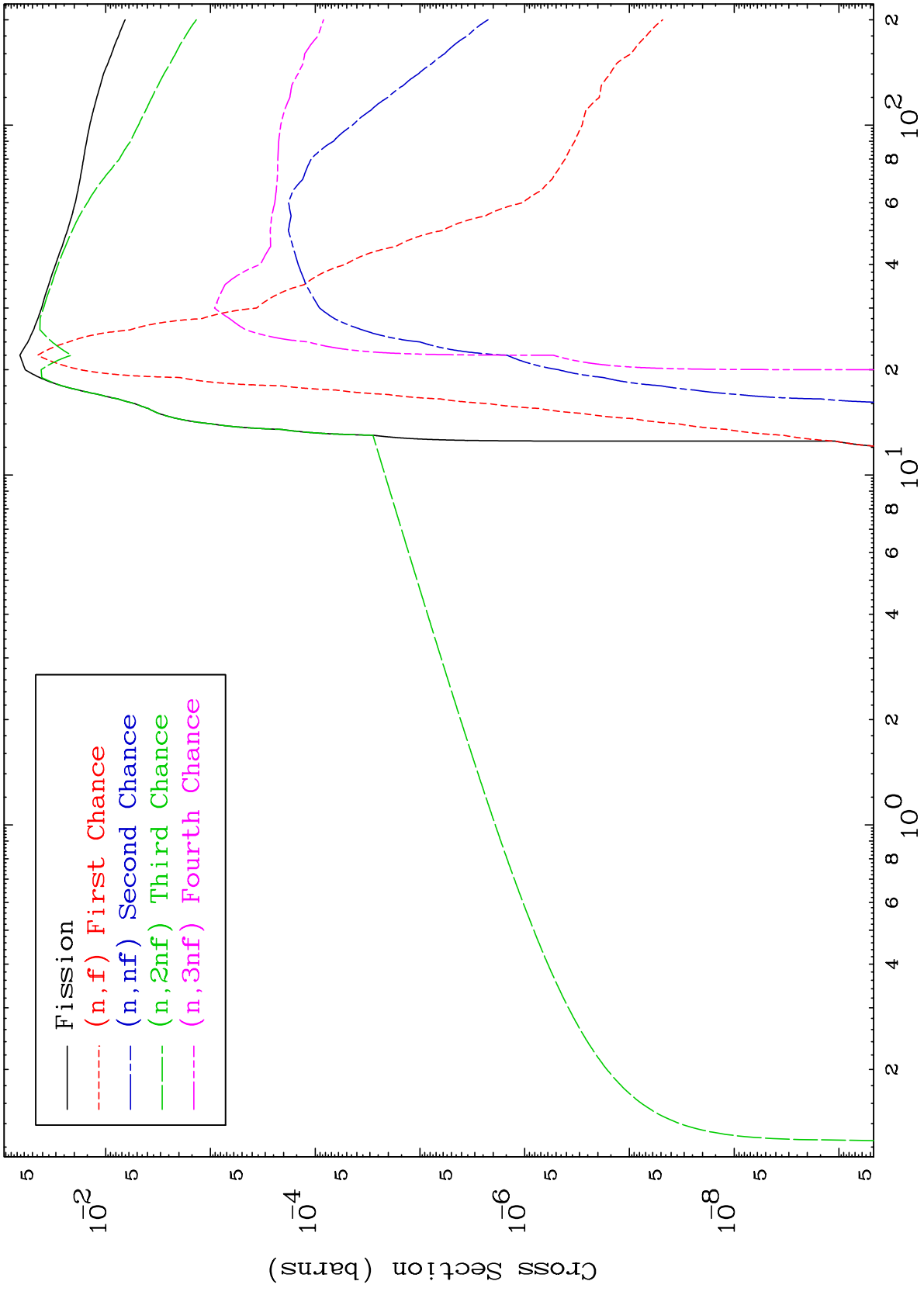
95-Am-248



MAT 9564

Photon Fission  
0 Kelvin Cross Sections

95-Am-248



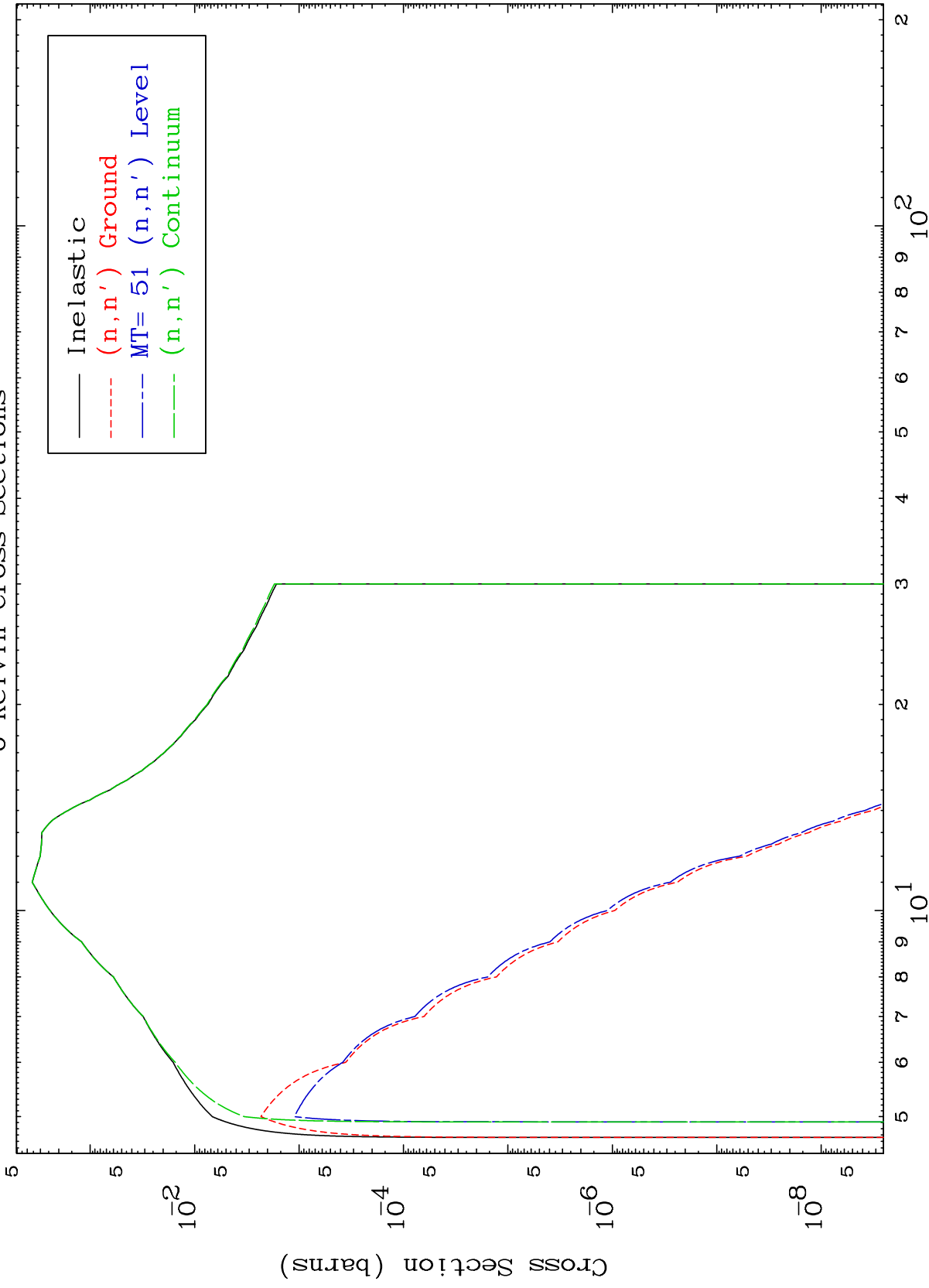
6

95-Am-248

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

95-Am-248



7

Incident Energy (MeV)

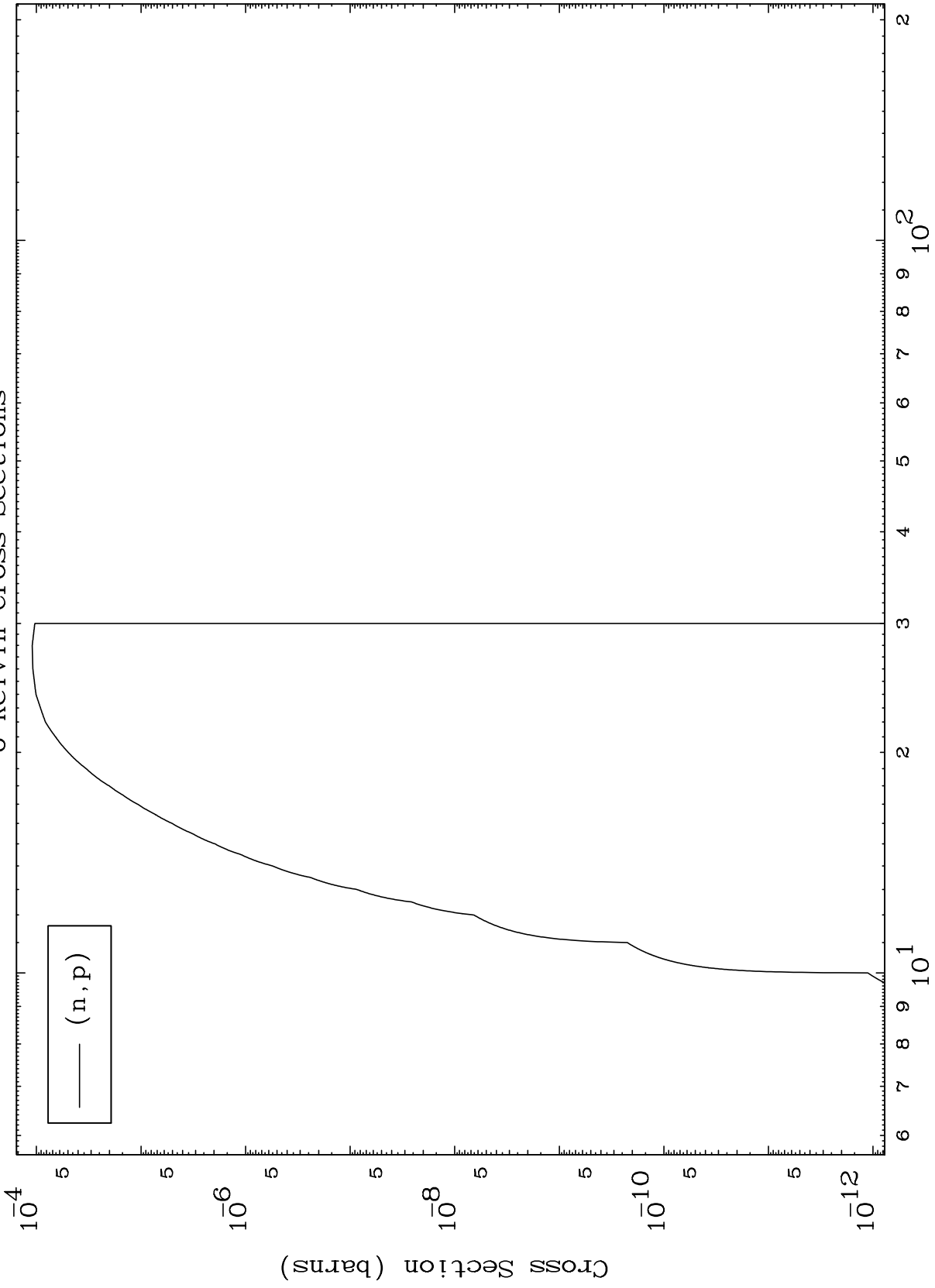
95-Am-248



MAT 9564

95-Am-248

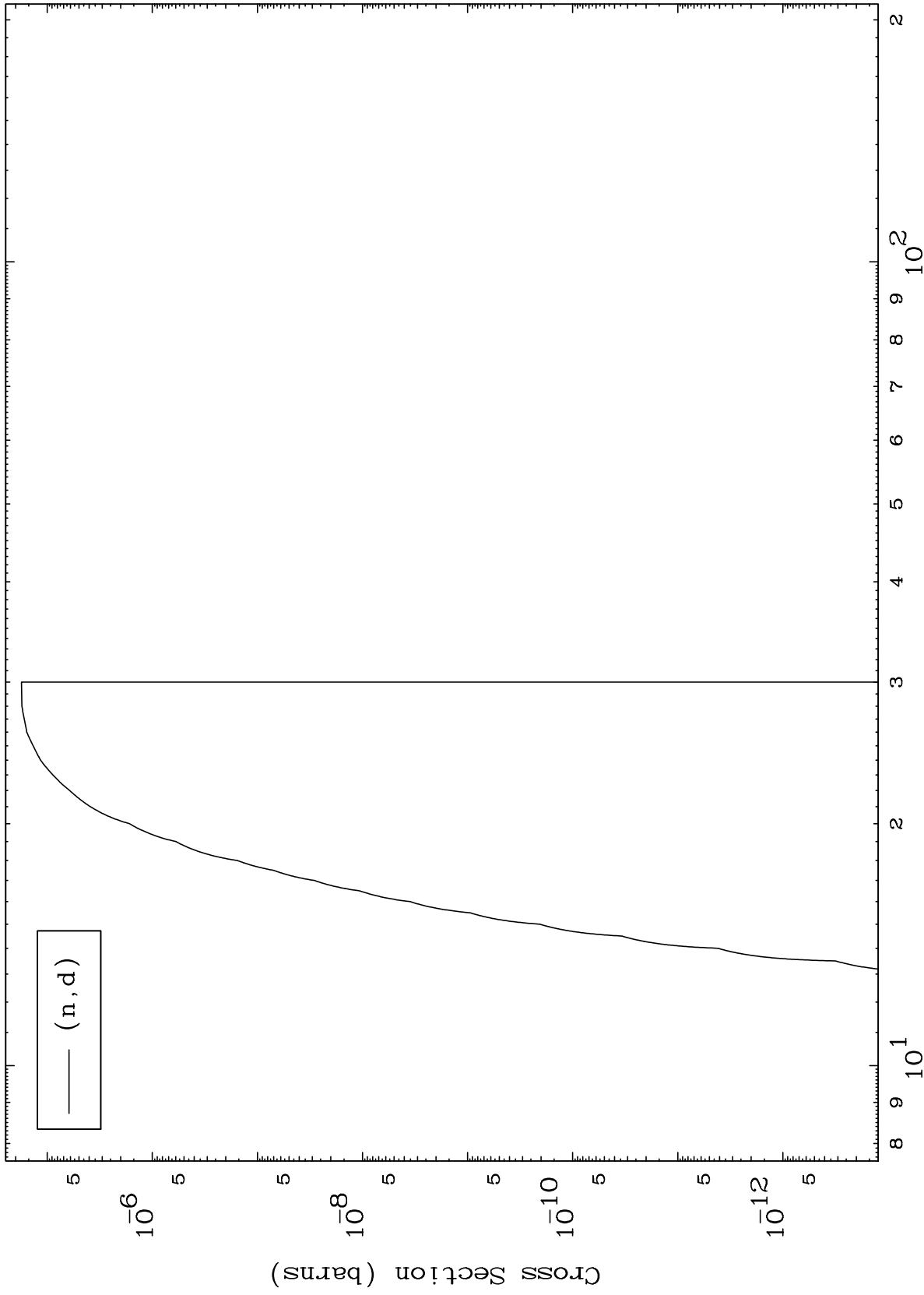
( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



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

95-Am-248



9

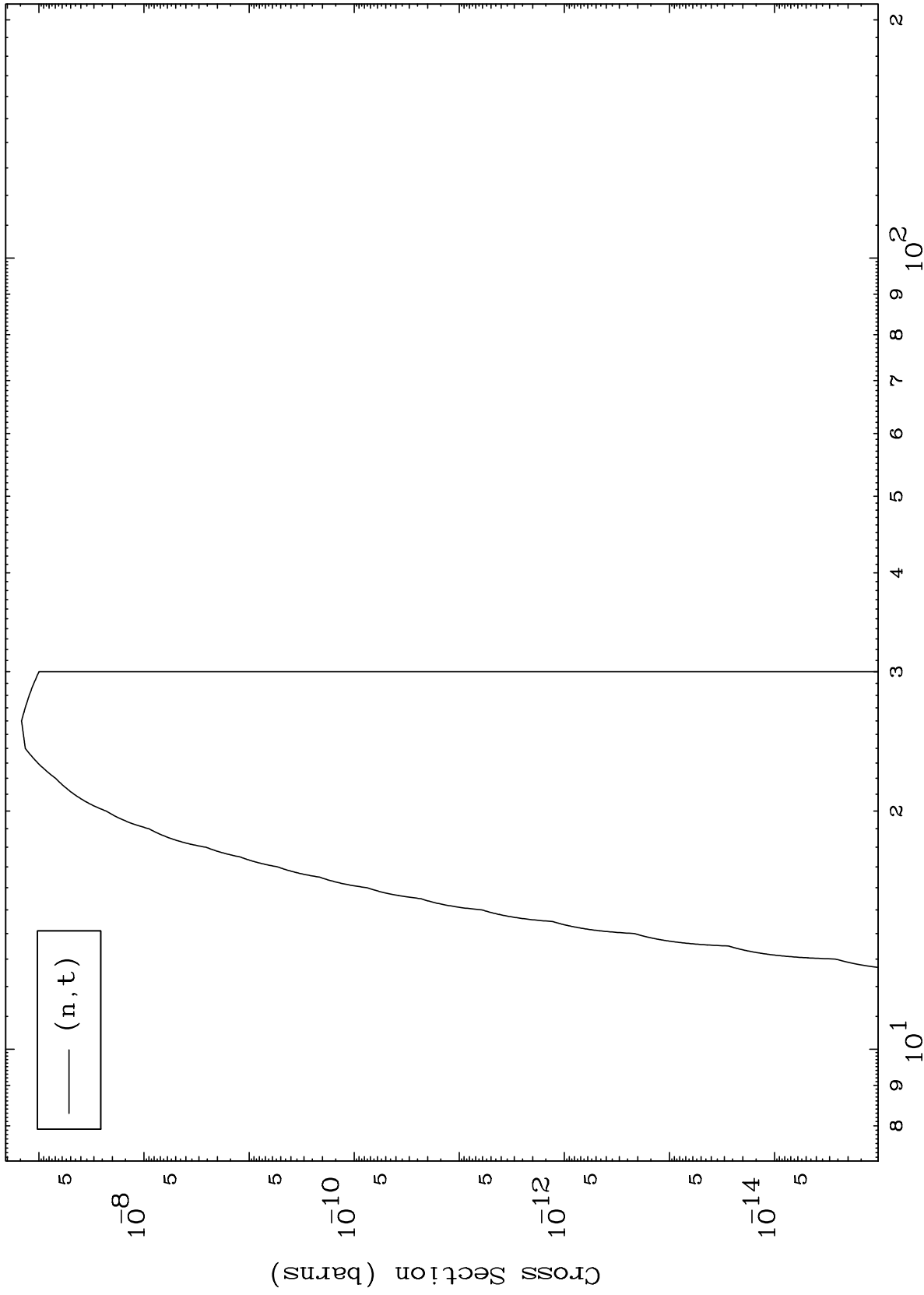
Incident Energy (MeV)

95-Am-248

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

95-Am-248



10

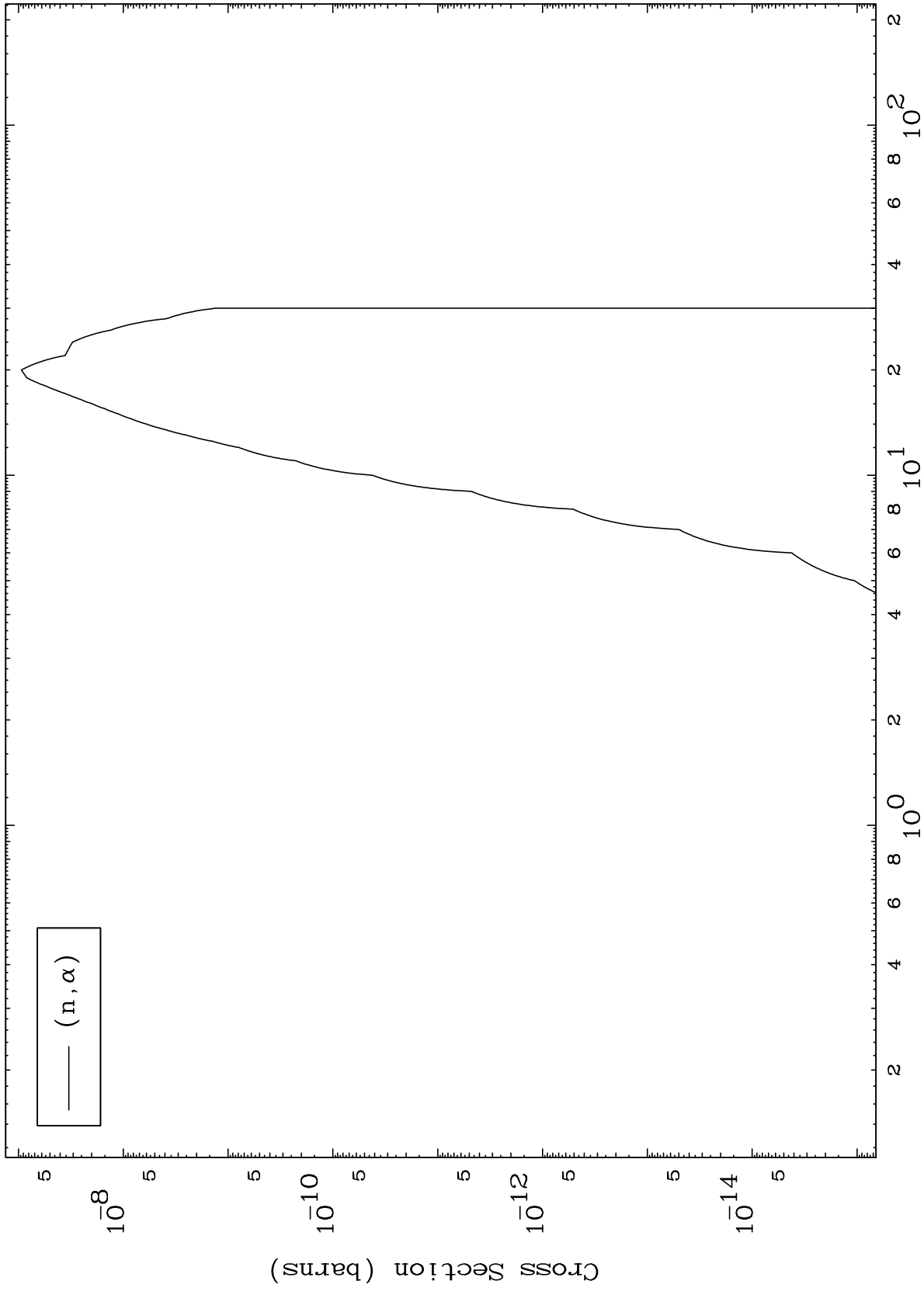
Incident Energy (MeV)

95-Am-248

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95-Am-248

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



95-Am-248

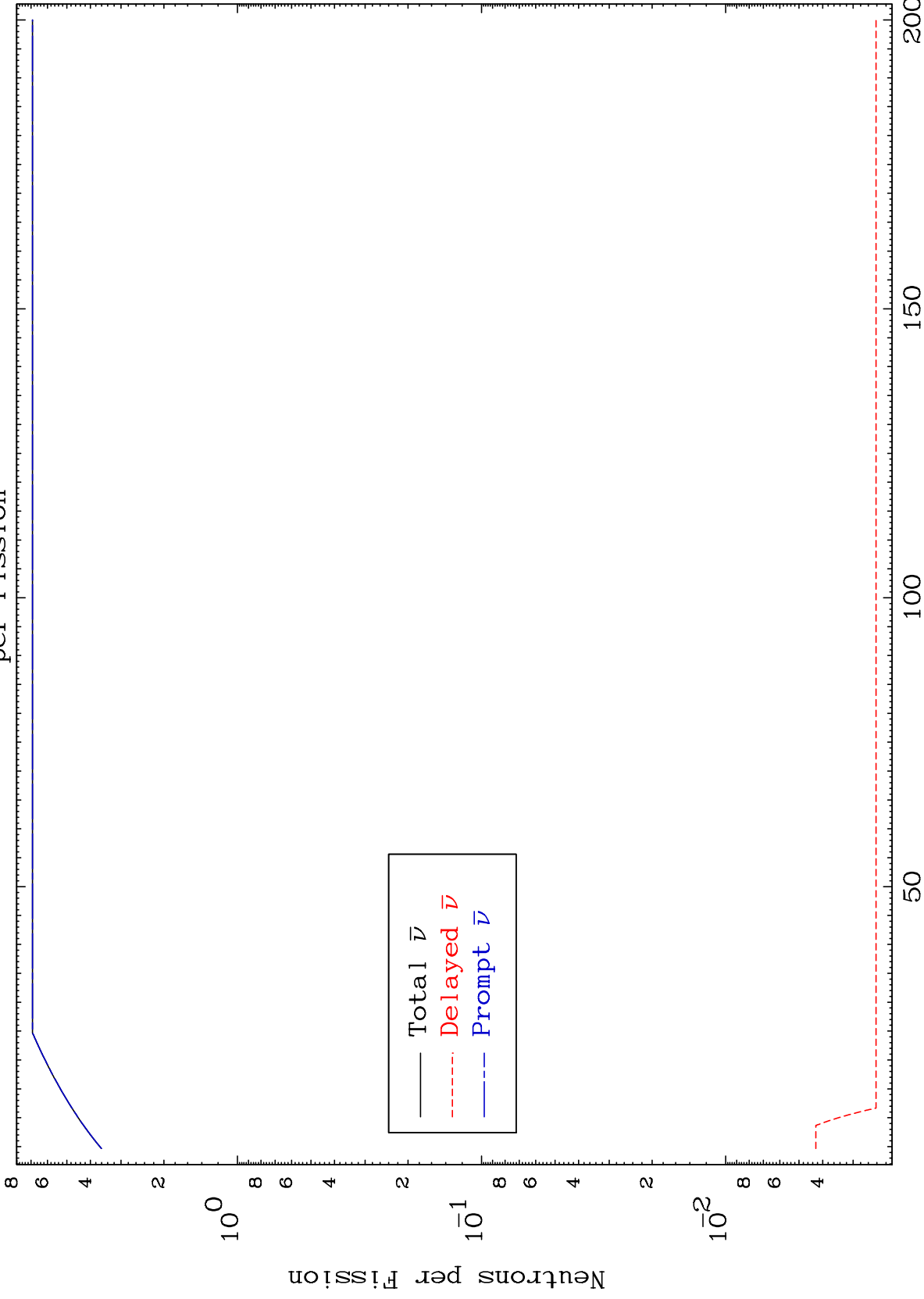
Incident Energy (MeV)

11

MAT 9564

Photon Neutrons  
per Fission

95-Am-248



12

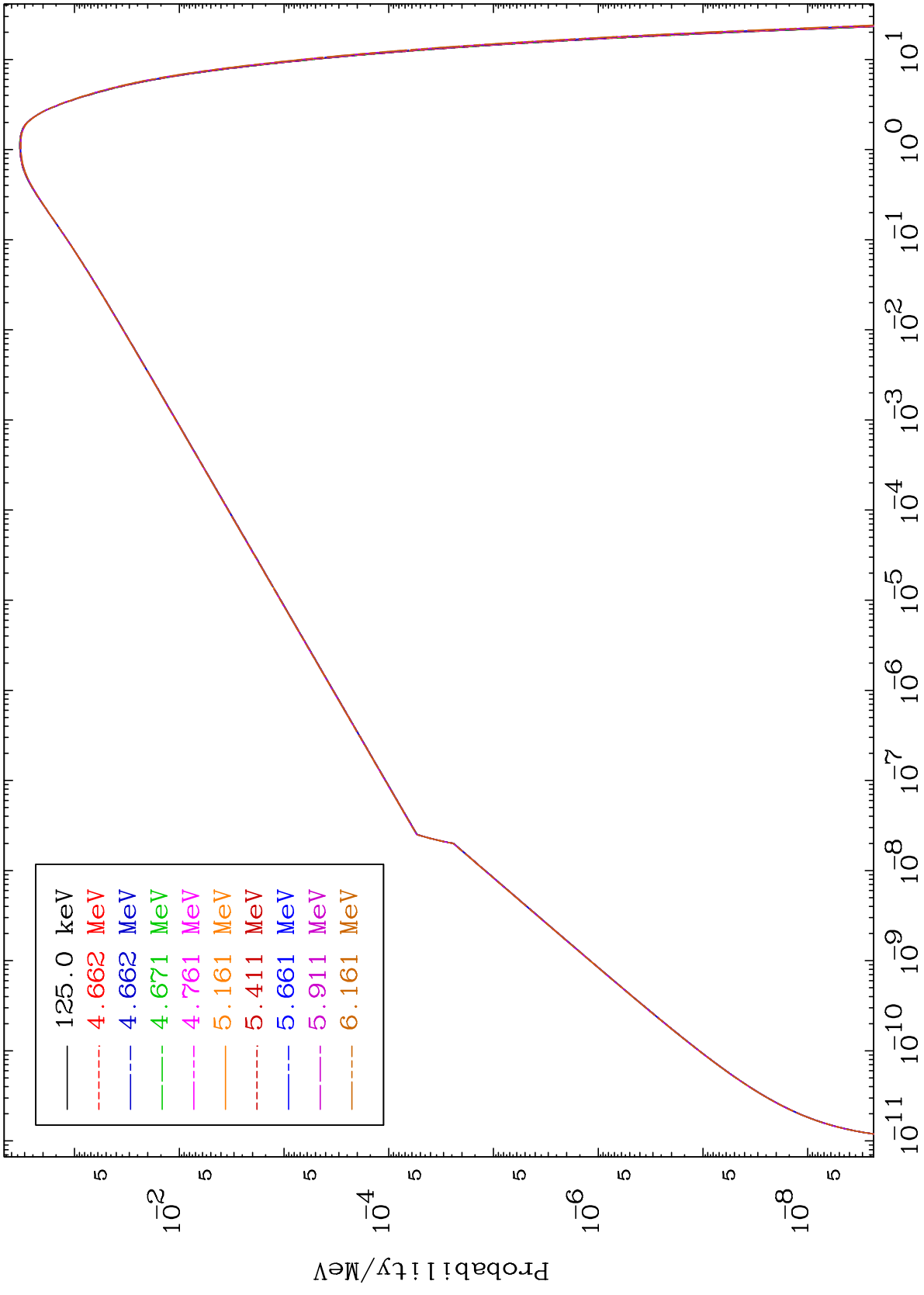
Incident Energy (MeV)

95-Am-248

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### Fission Energy Distributions

95-Am-248



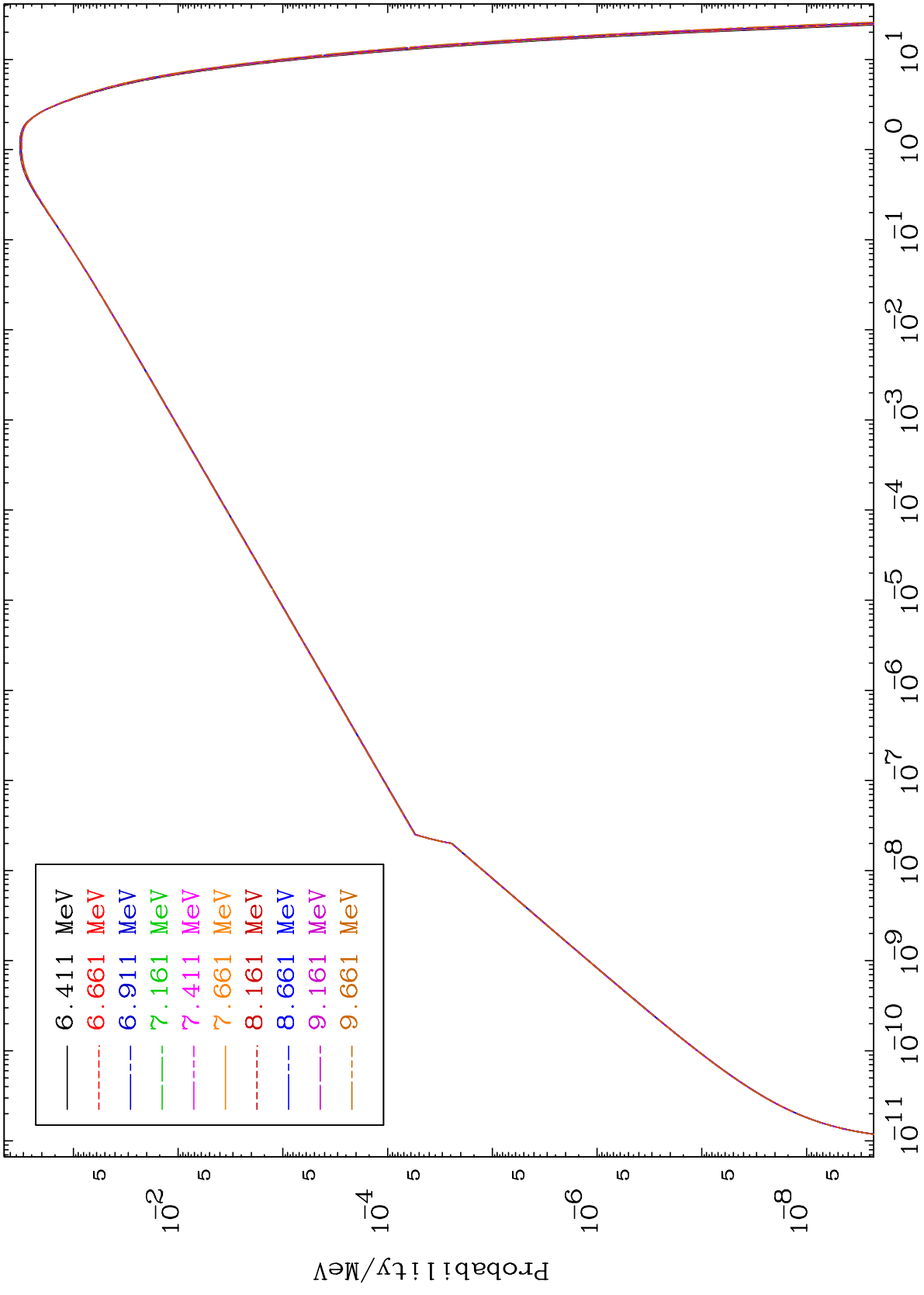
95-Am-248

Secondary Energy (MeV)

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### Fission Energy Distributions

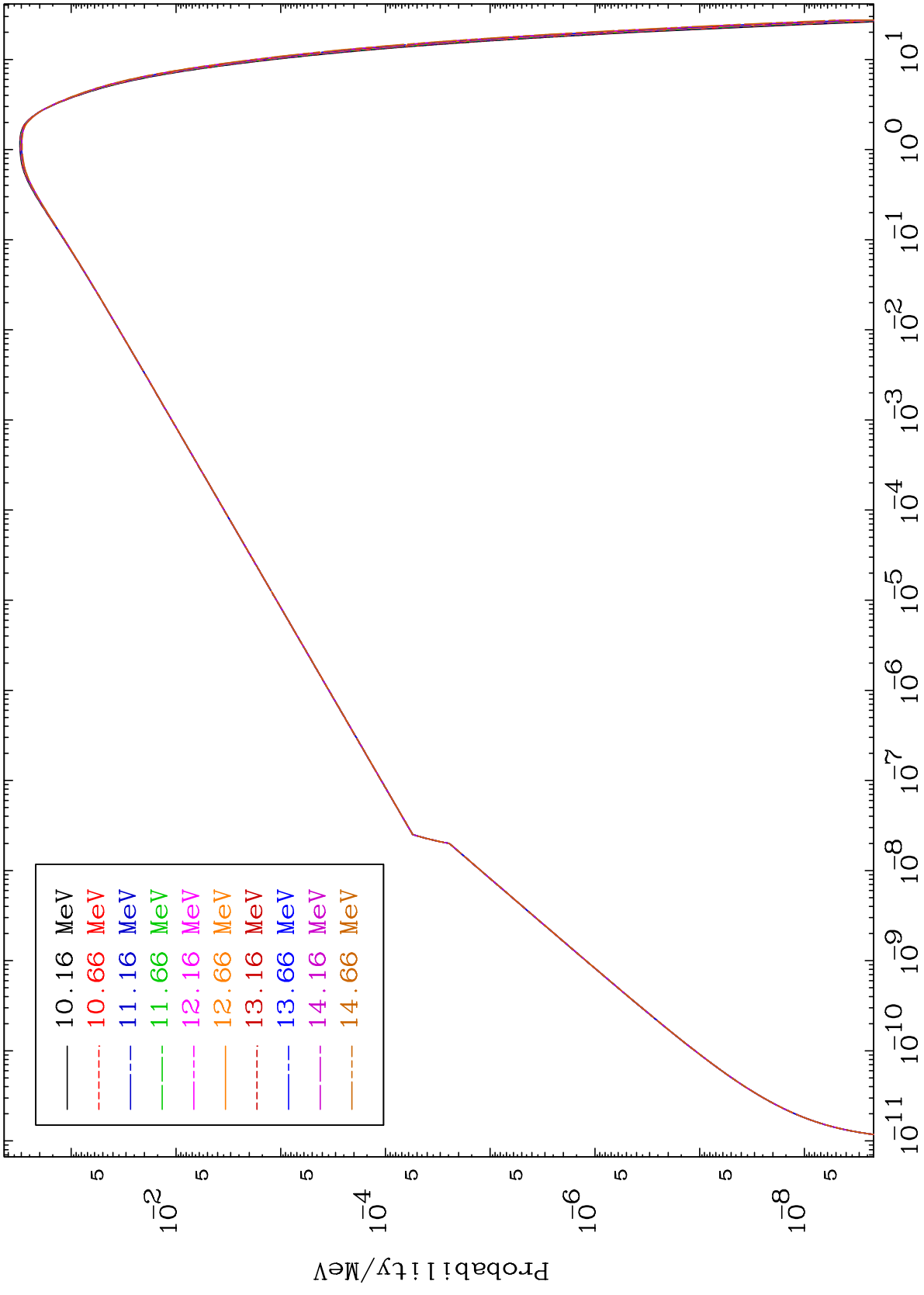
95-Am-248



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### Fission Energy Distributions

95-Am-248



95-Am-248

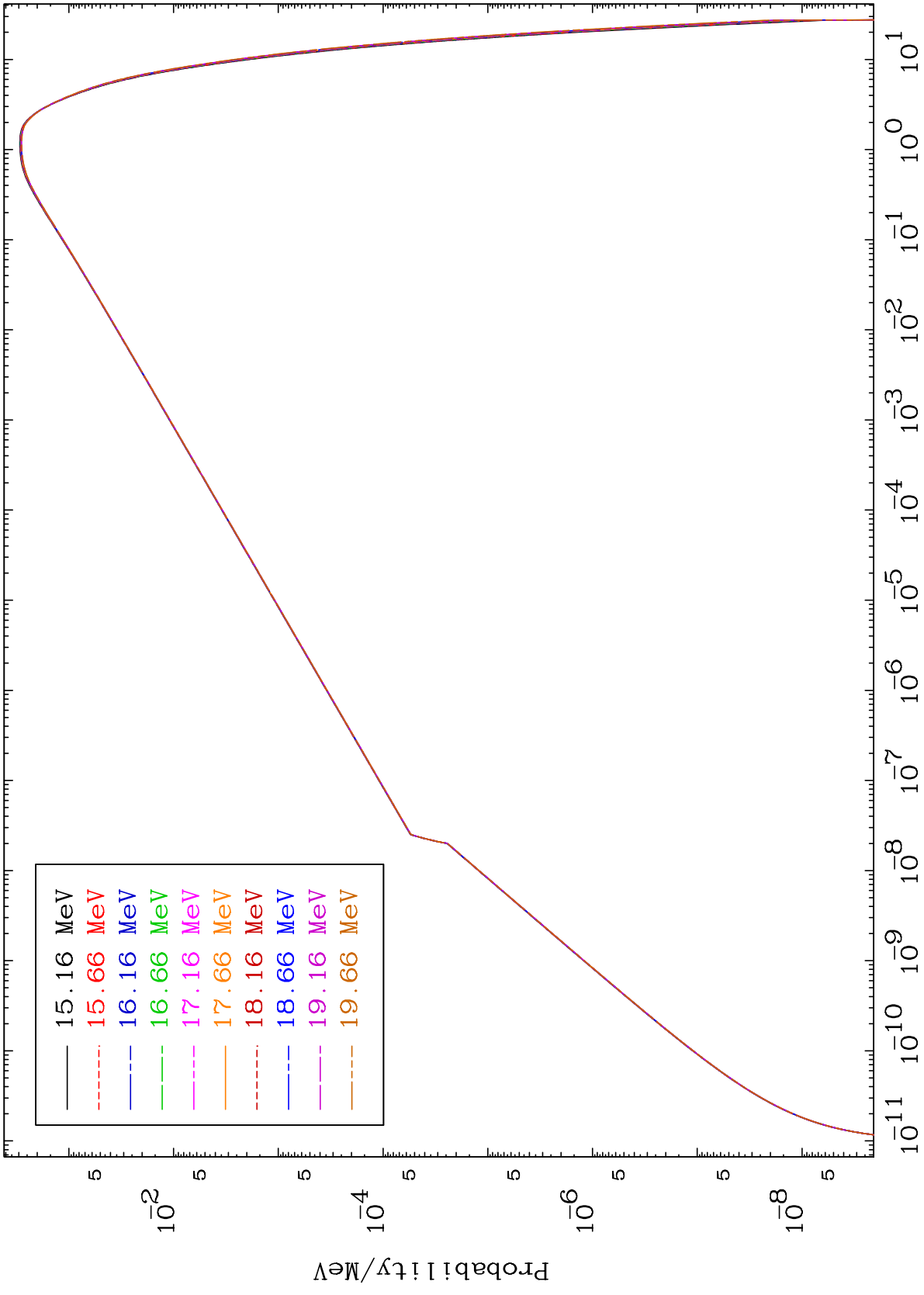
Secondary Energy (MeV)



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### Fission Energy Distributions

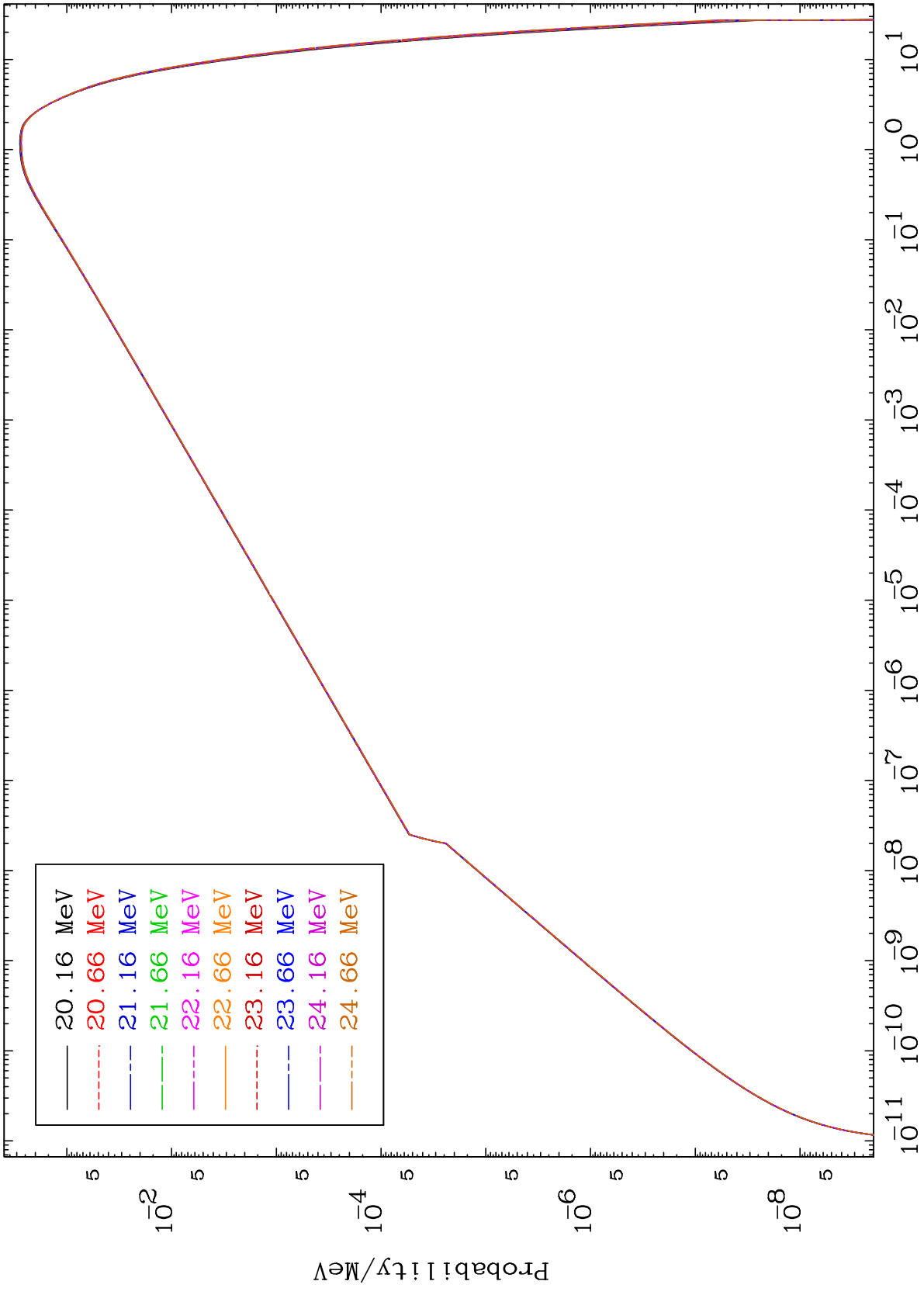
95-Am-248



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### Fission Energy Distributions

95-Am-248



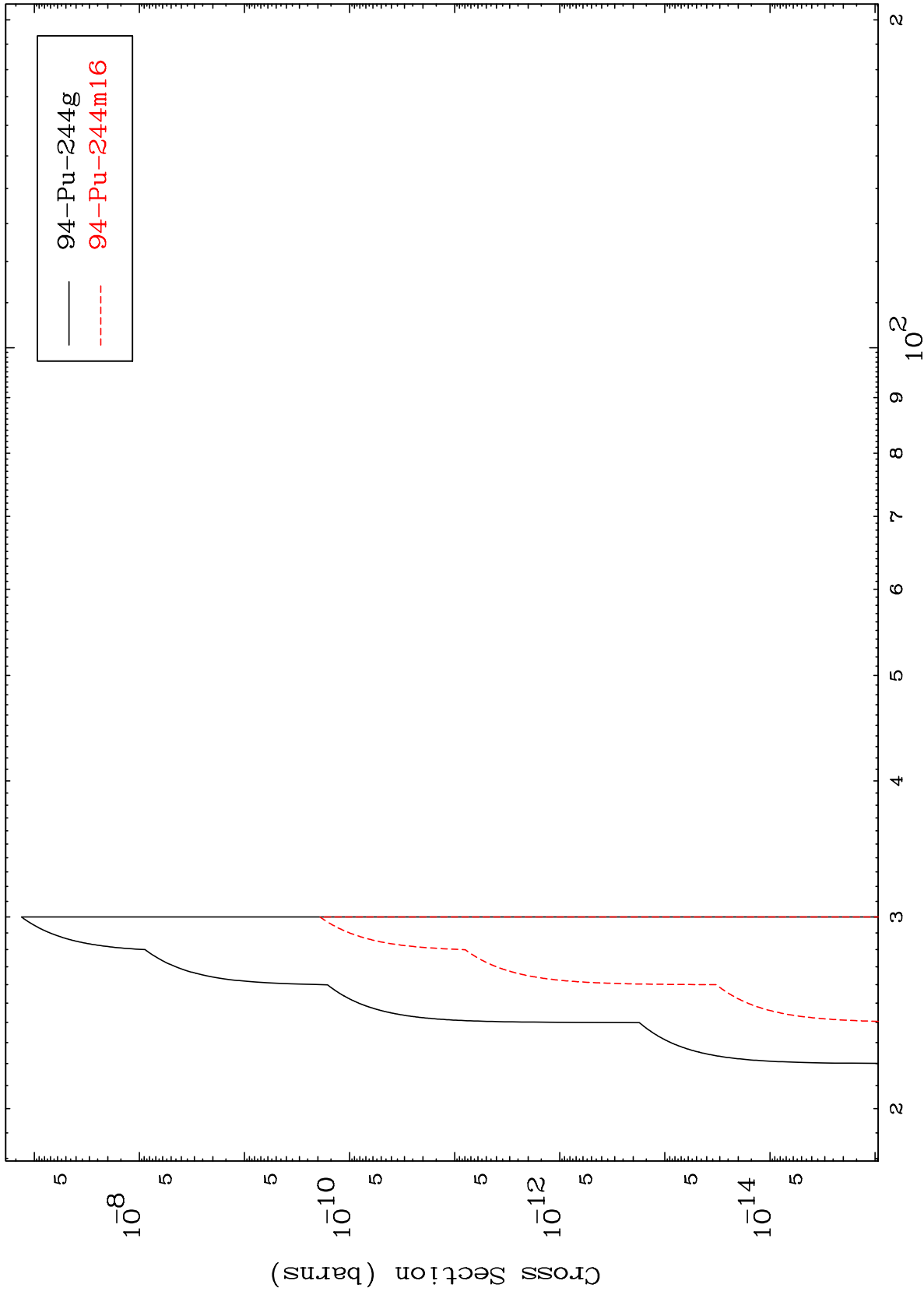
95-Am-248

MAT 9564

(n,2n) d

95-Am-248

Radionuclide Production Cross Section



18

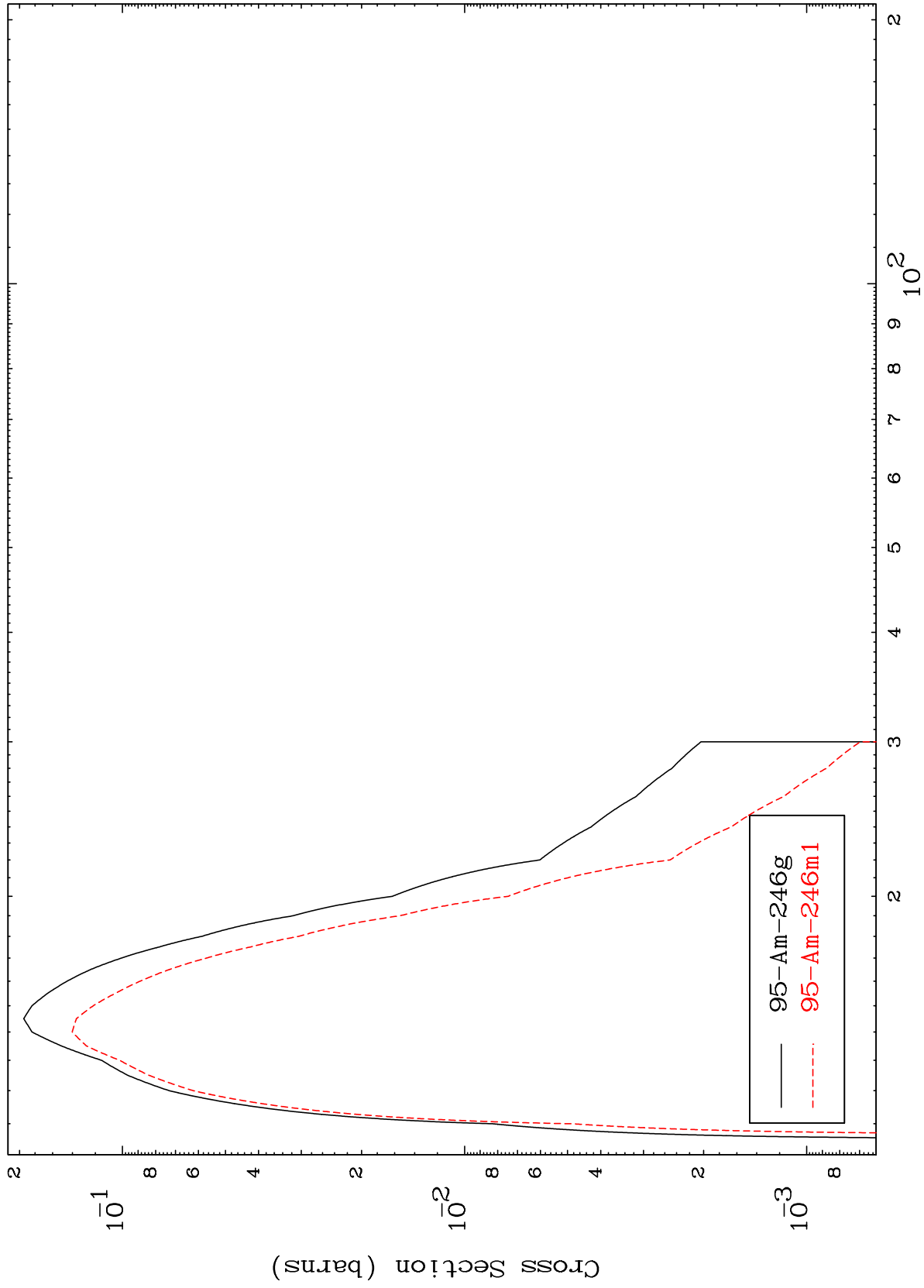
Incident Energy (MeV)

95-Am-248

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95-Am-248

(n,2n)  
Radionuclide Production Cross Section



19

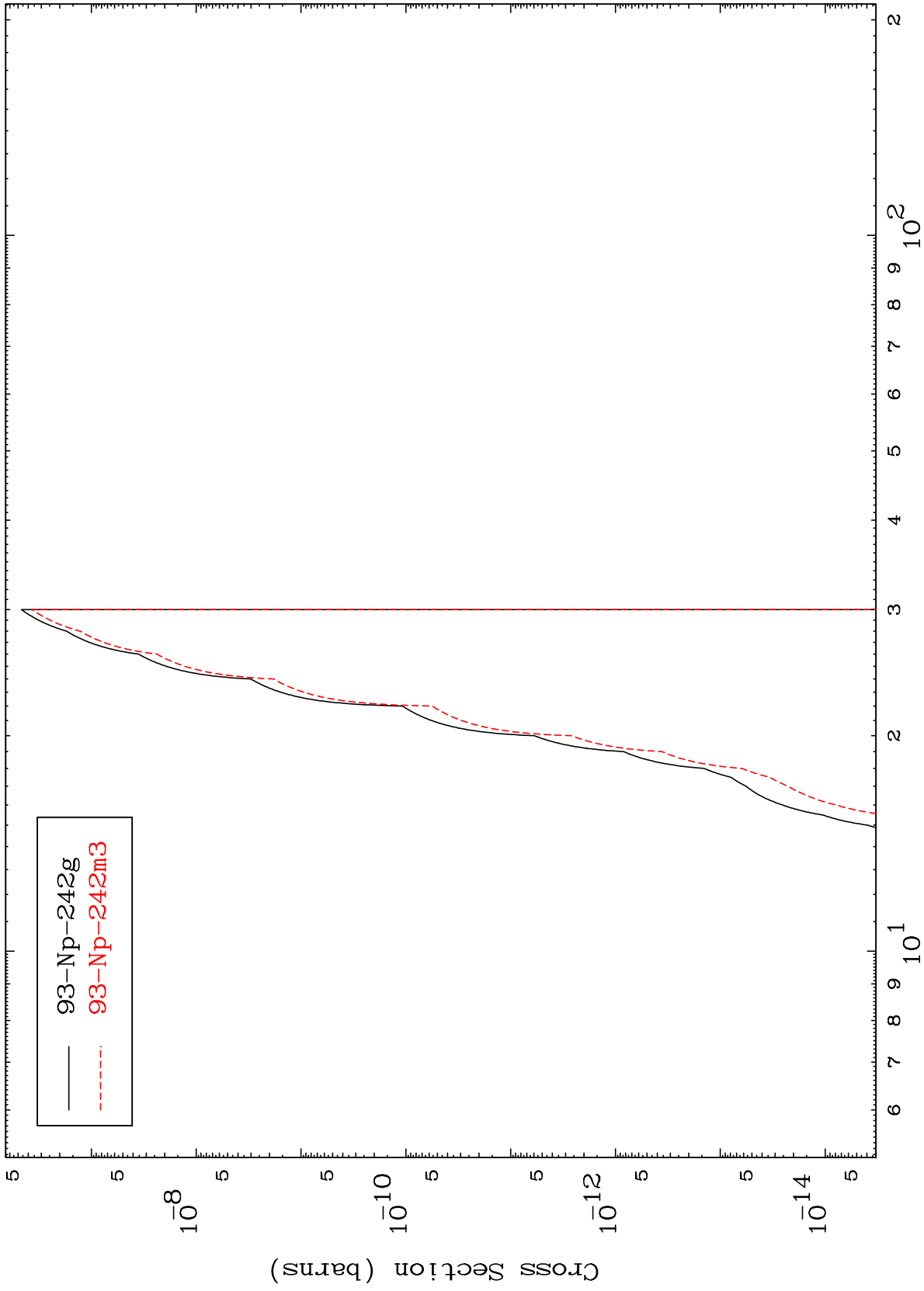
95-Am-248

Incident Energy (MeV)

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95-Am-248

(n,2n)  $\alpha$   
Radionuclide Production Cross Section



20

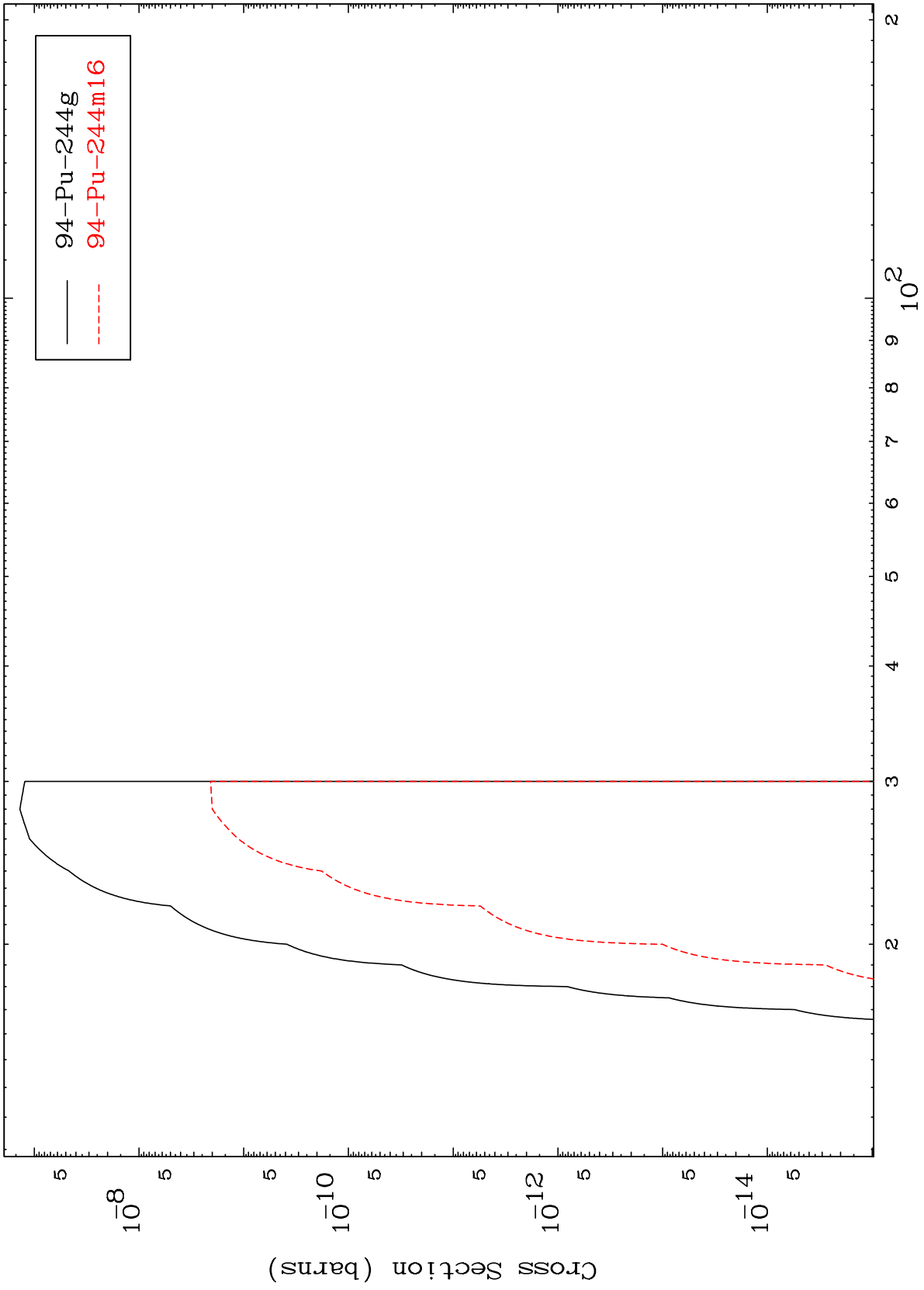
95-Am-248

MAT 9564

(n,n') t

95-Am-248

Radionuclide Production Cross Section



21

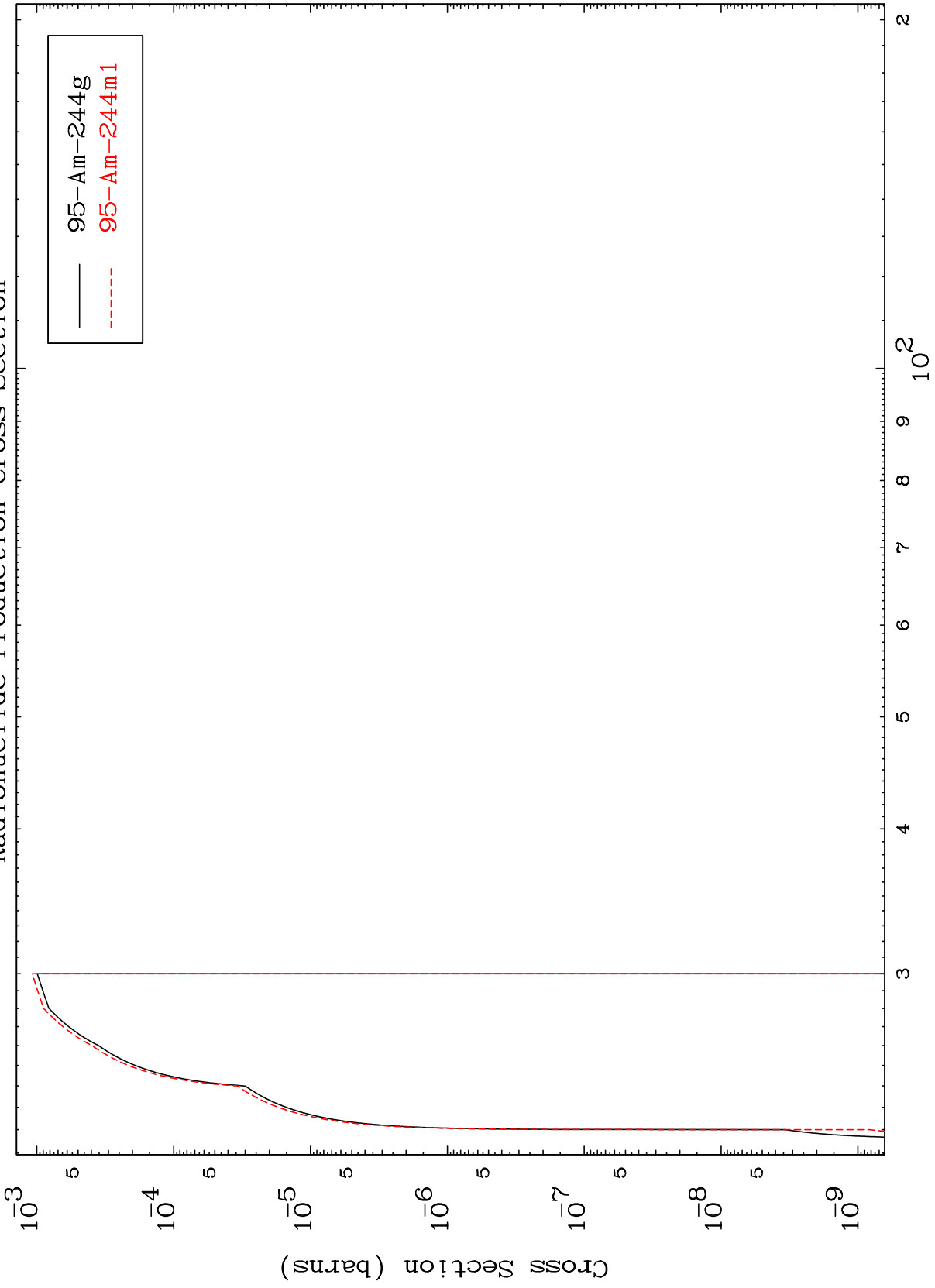
Incident Energy (MeV)

95-Am-248

MAT 9564

95-Am-248

(n,4n)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

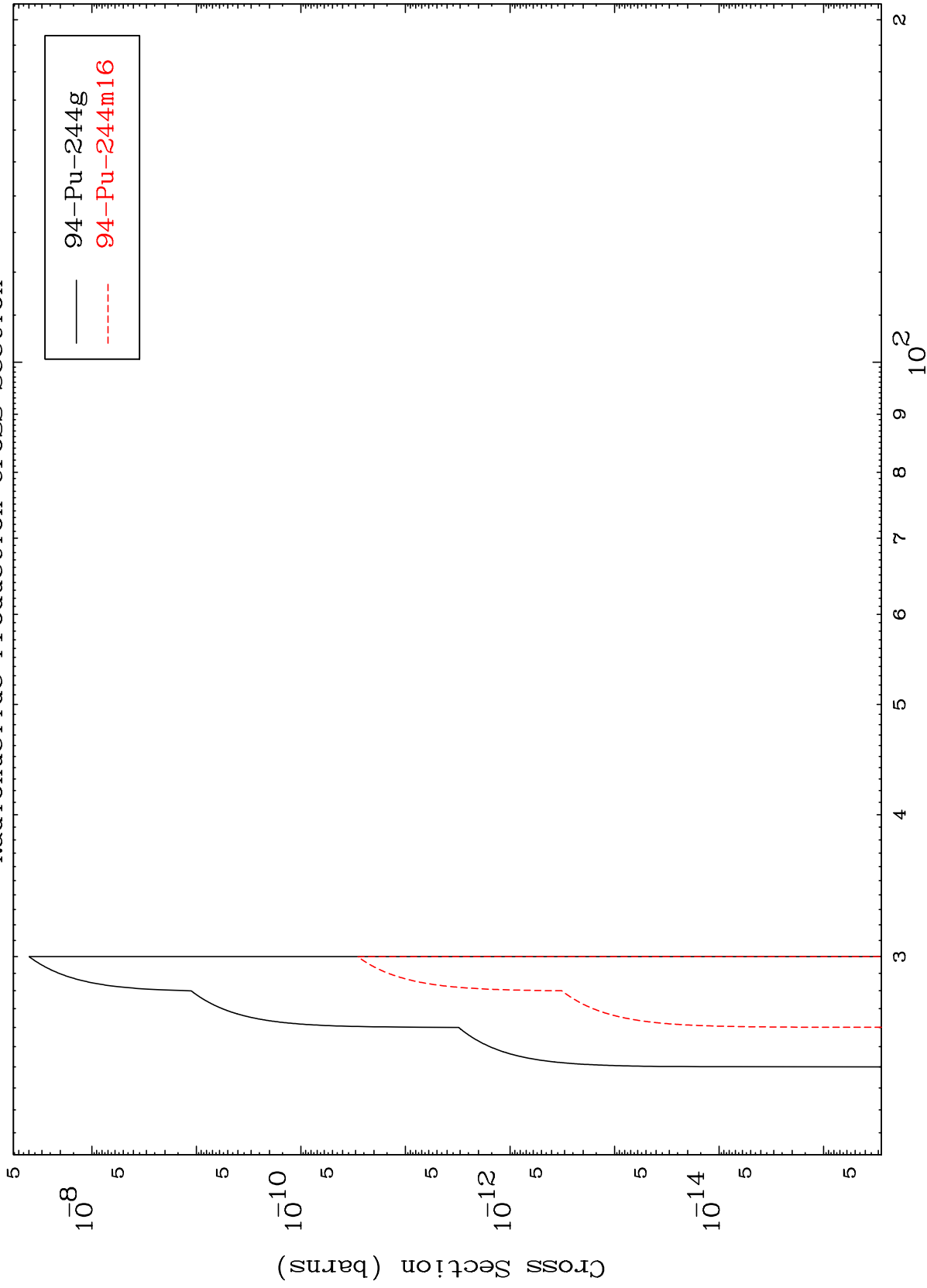
95-Am-248

MAT 9564

(n,3n) p

95-Am-248

Radionuclide Production Cross Section



23

Incident Energy (MeV)

95-Am-248