

Program EVALPLOT
(Version 2021-1)

by

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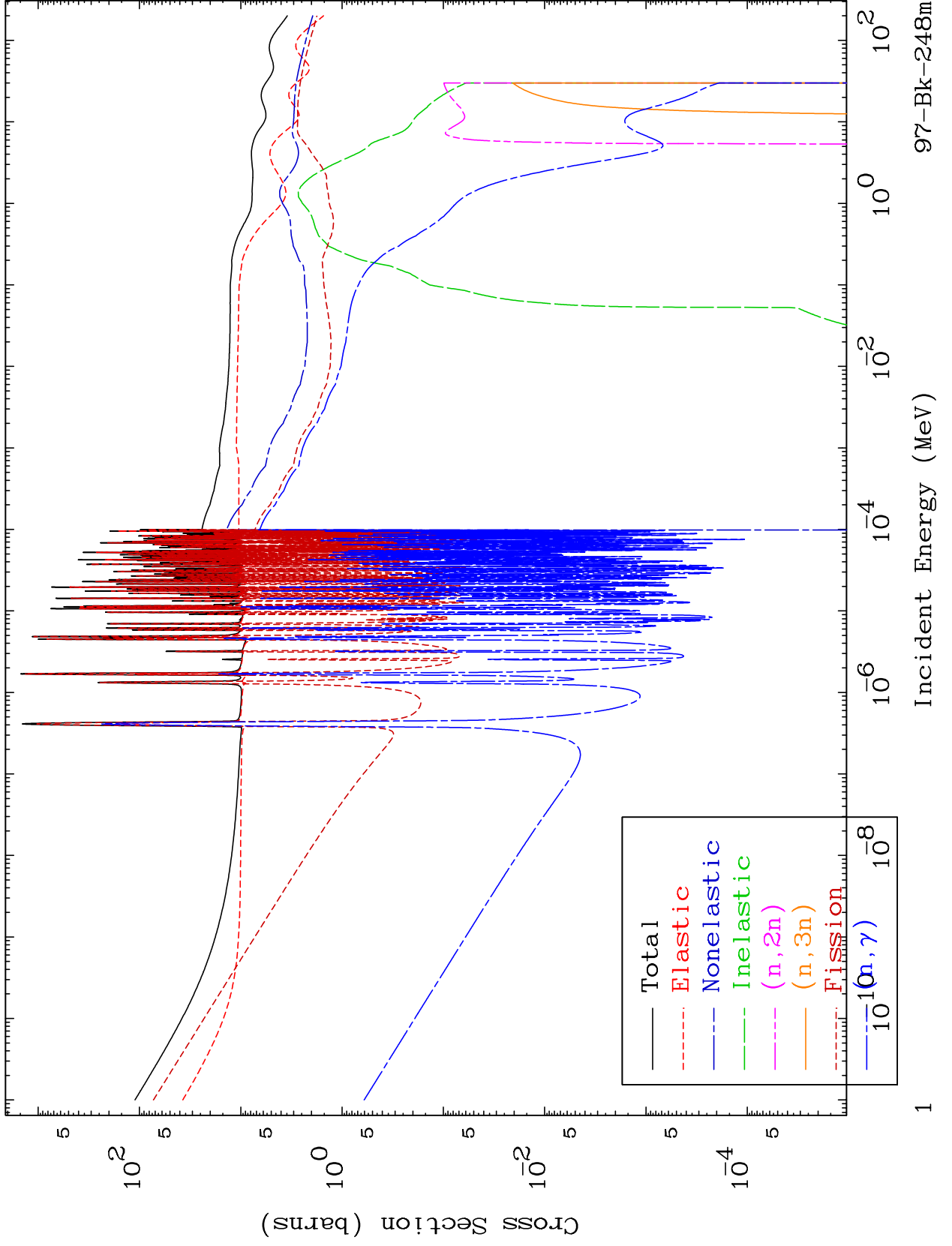
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9750

Neutron Major
293 Kelvin Cross Sections

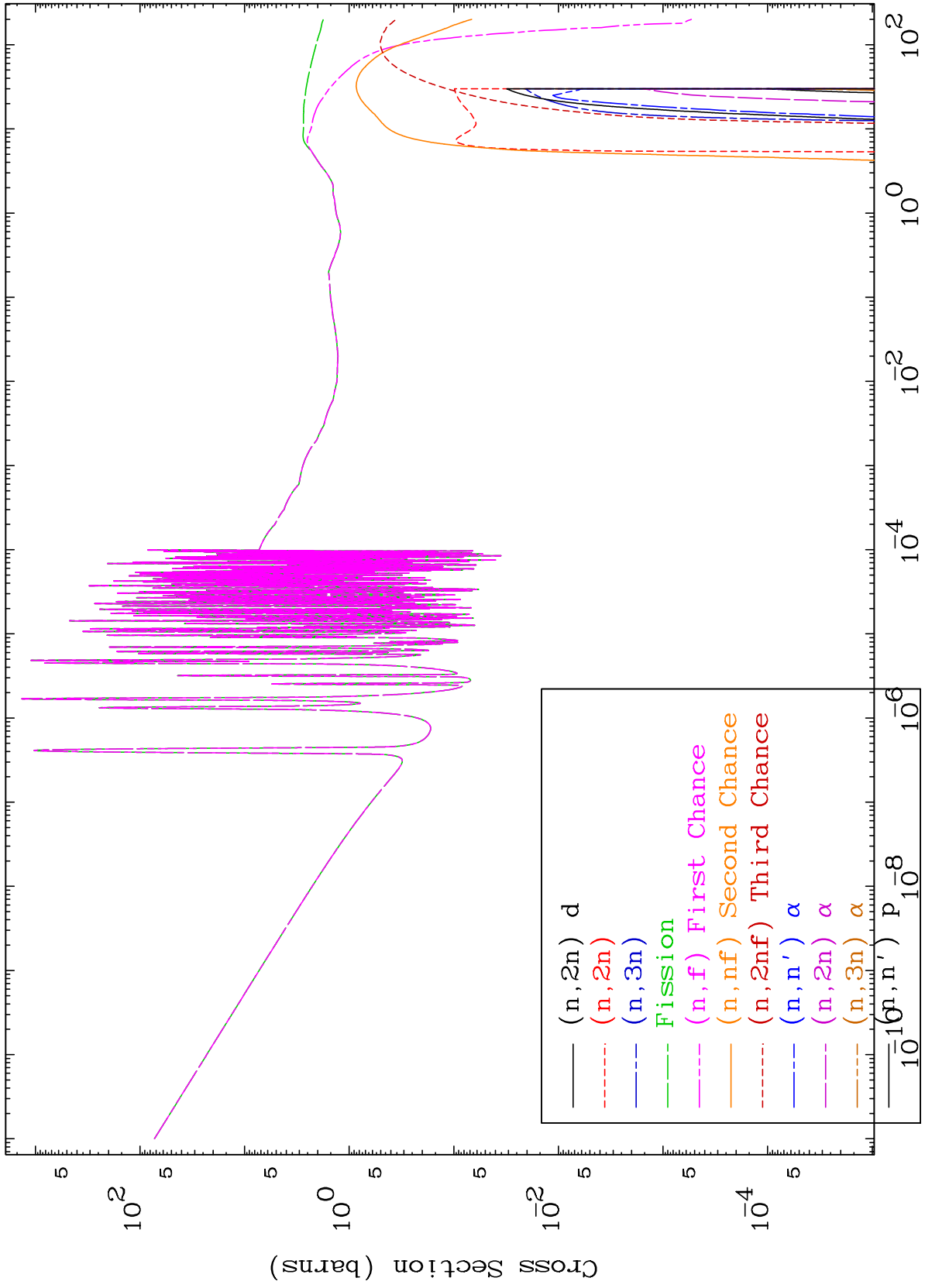
97-Bk-248m



MAT 9750

Neutron Absorption
293 Kelvin Cross Sections

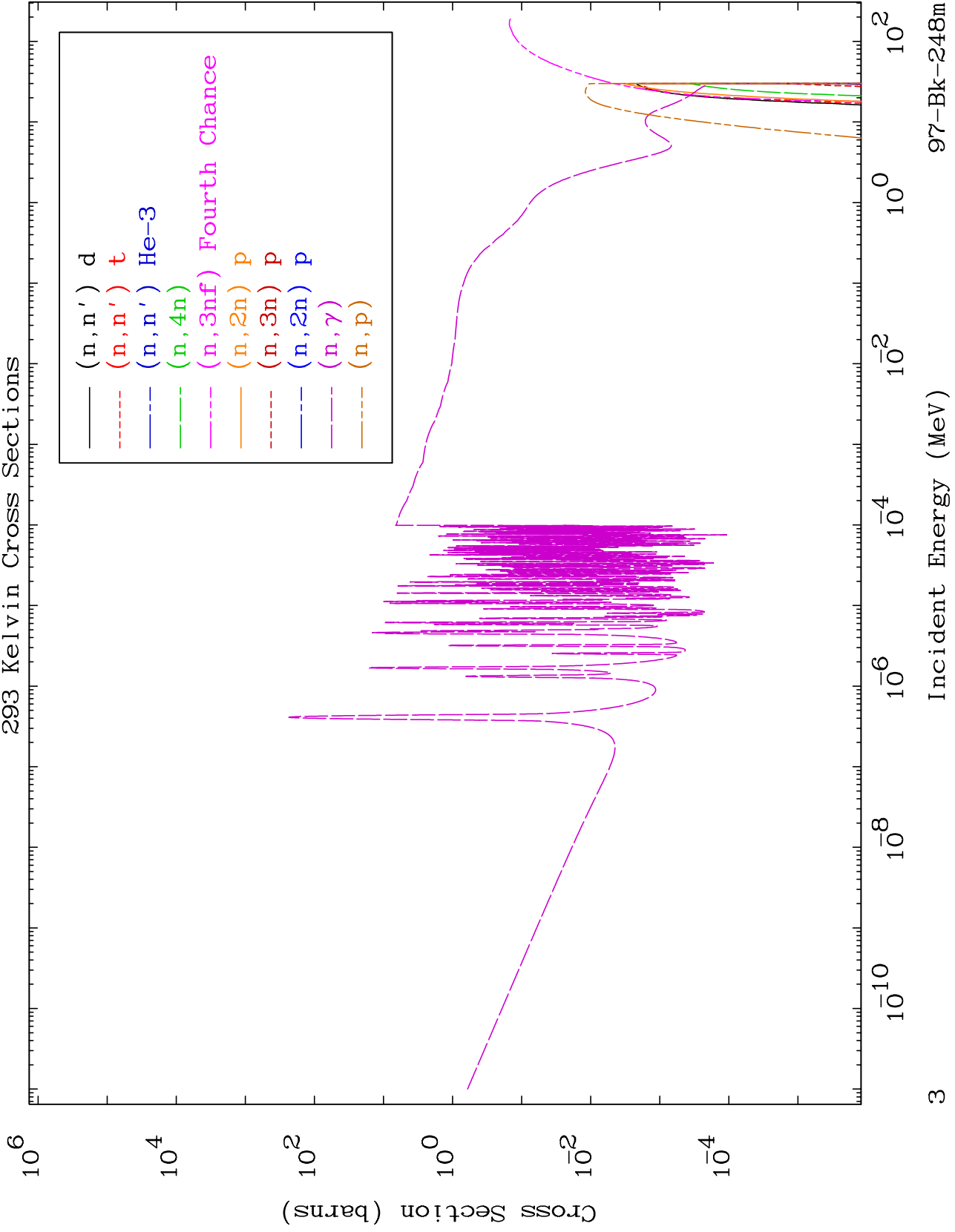
97-Bk-248m



MAT 9750

Neutron Absorption
293 Kelvin Cross Sections

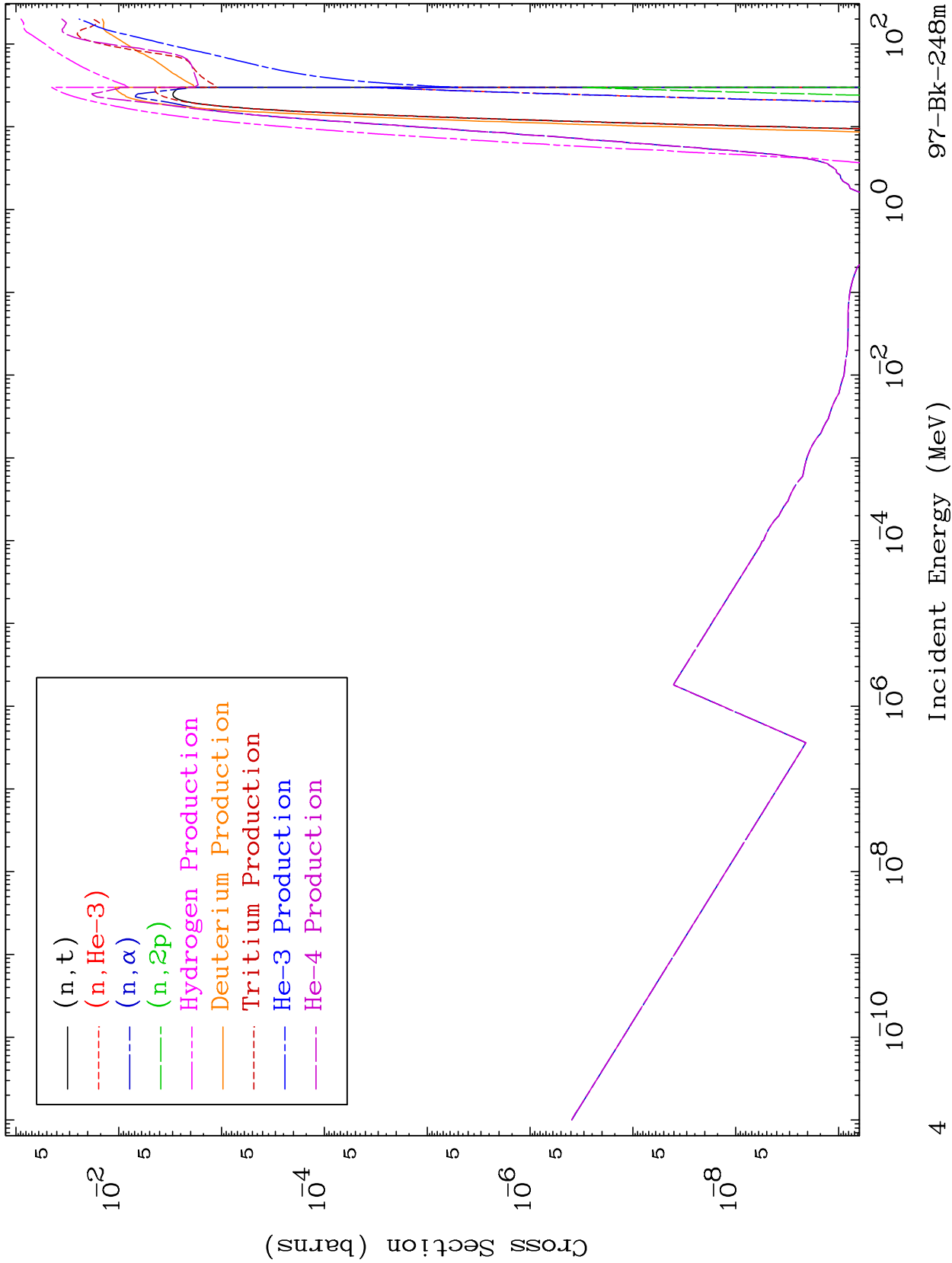
97-Bk-248m



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Neutron Absorption
293 Kelvin Cross Sections

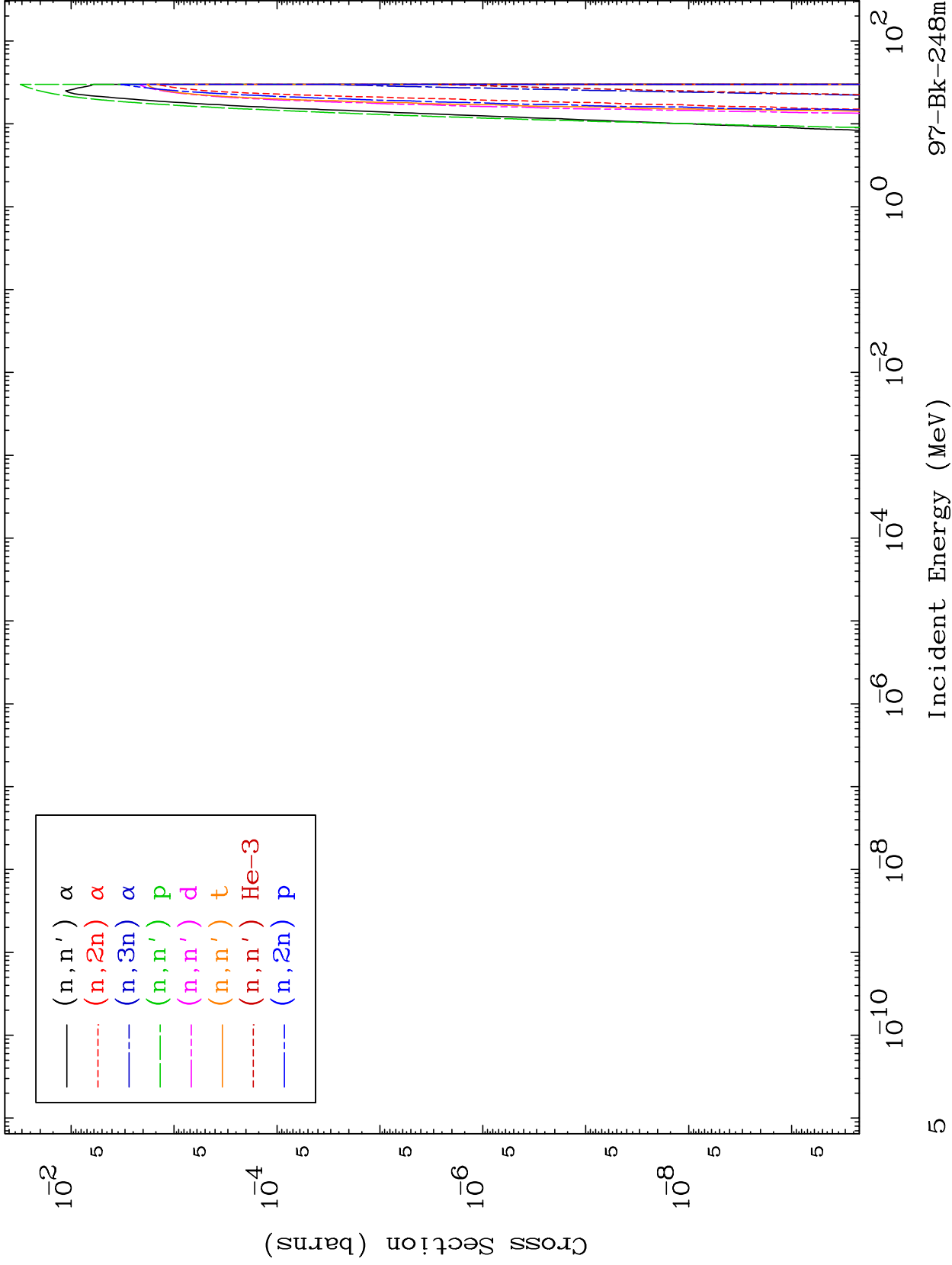
97-Bk-248m



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Charged Particle
293 Kelvin Cross Sections

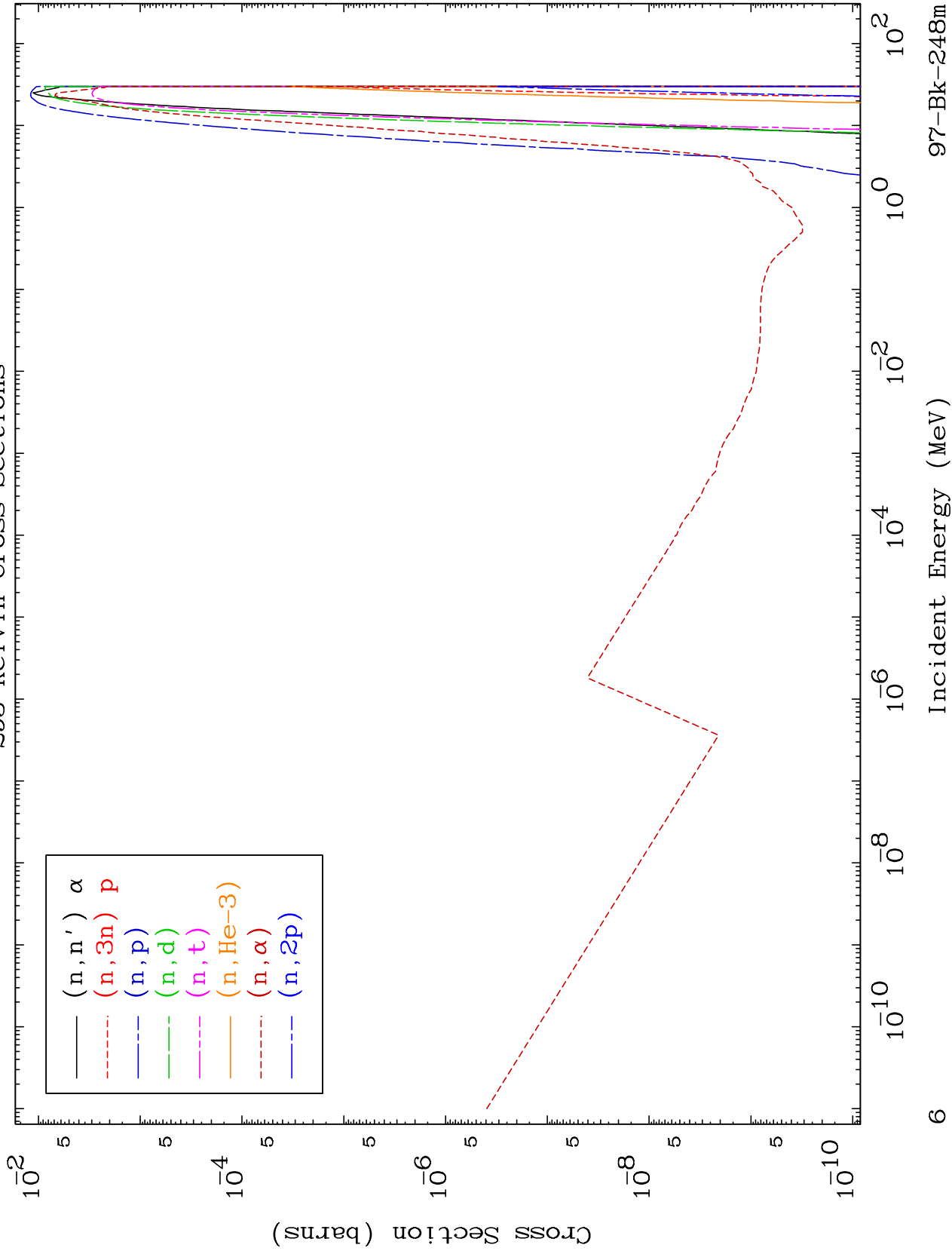
97-Bk-248m



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Charged Particle
293 Kelvin Cross Sections

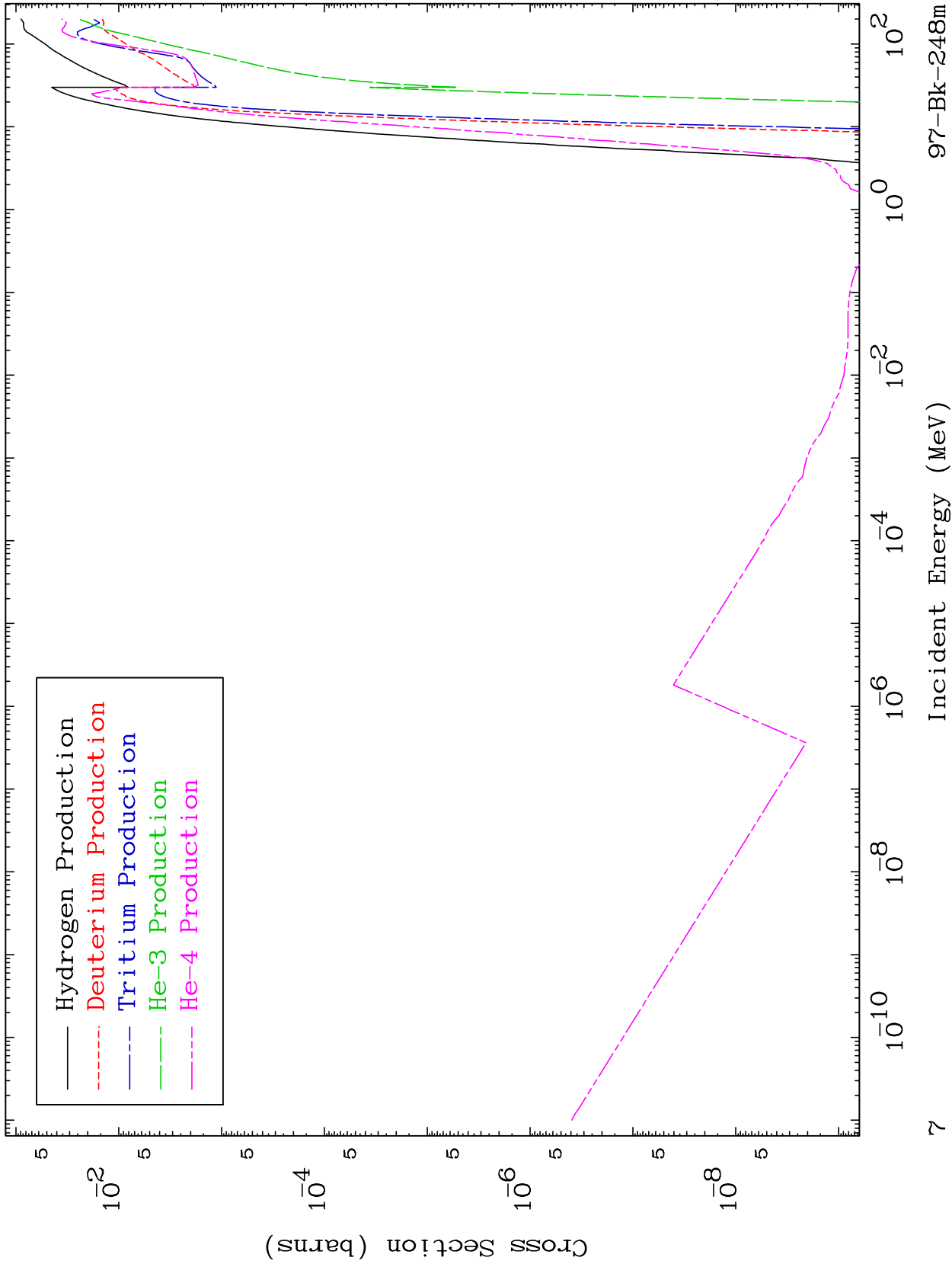
97-Bk-248m



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Particle Production
293 Kelvin Cross Sections

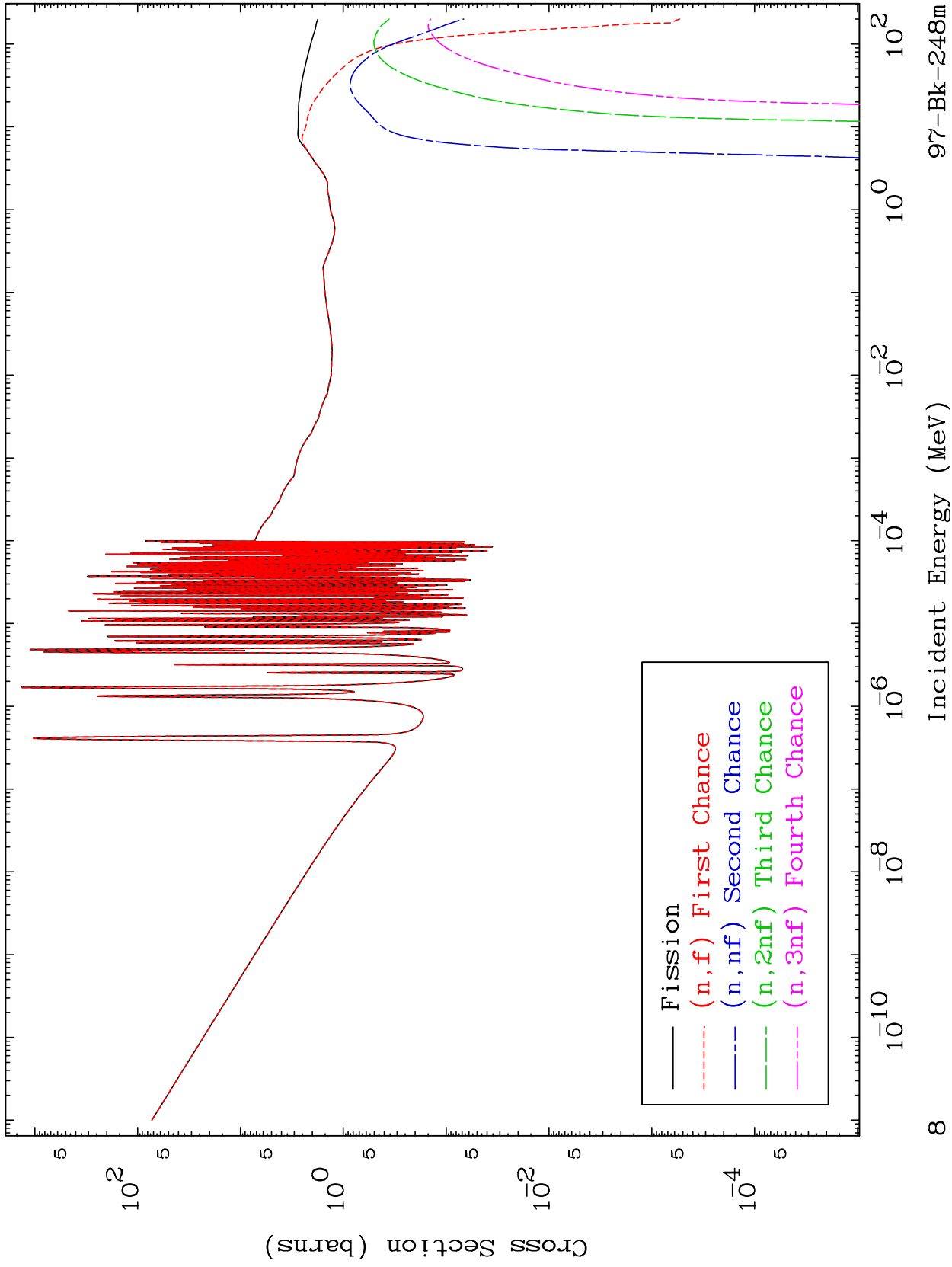
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Fission
293 Kelvin Cross Sections

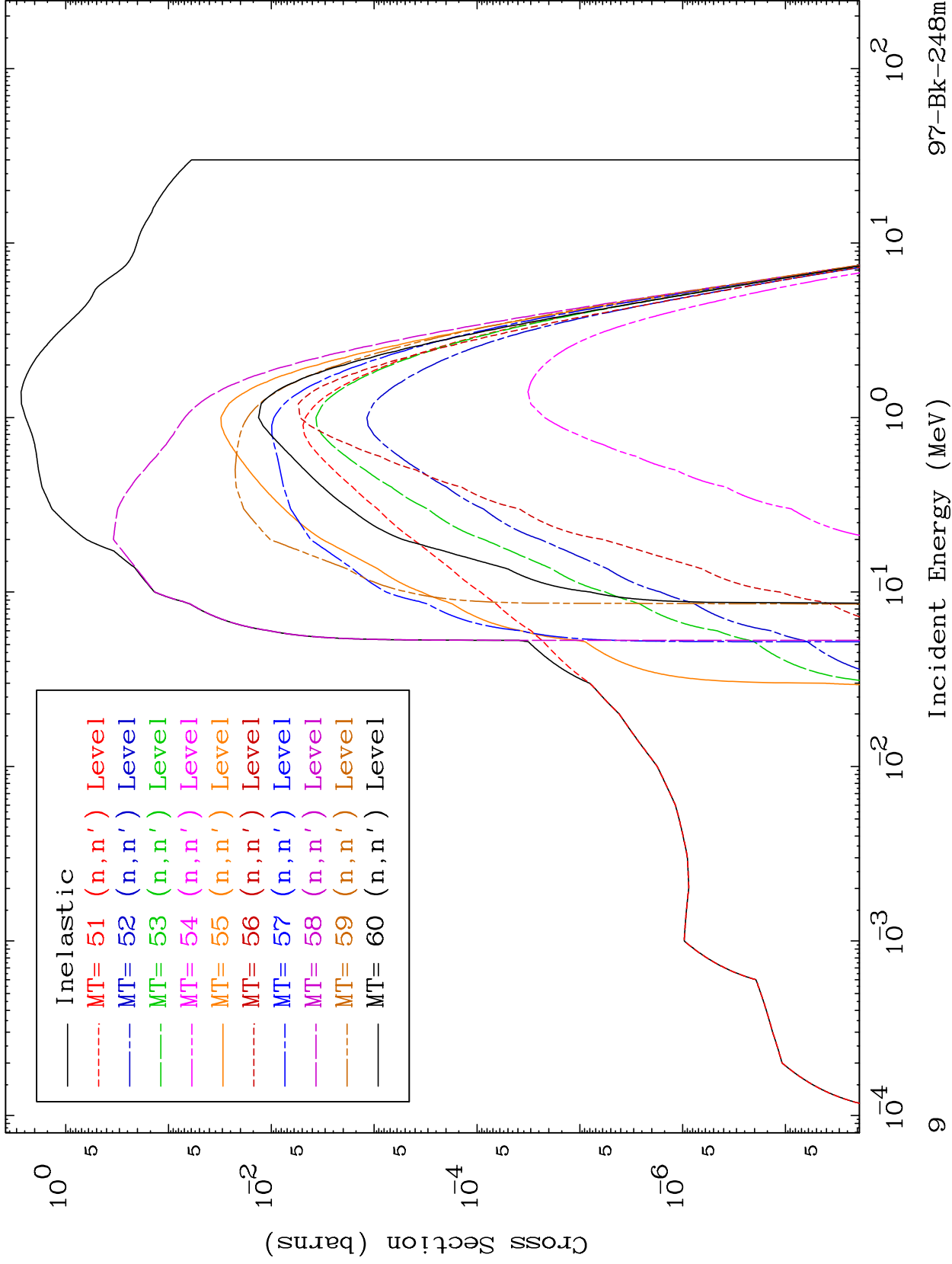
97-Bk-248m



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293 Kelvin Cross Sections
(n,n') Levels

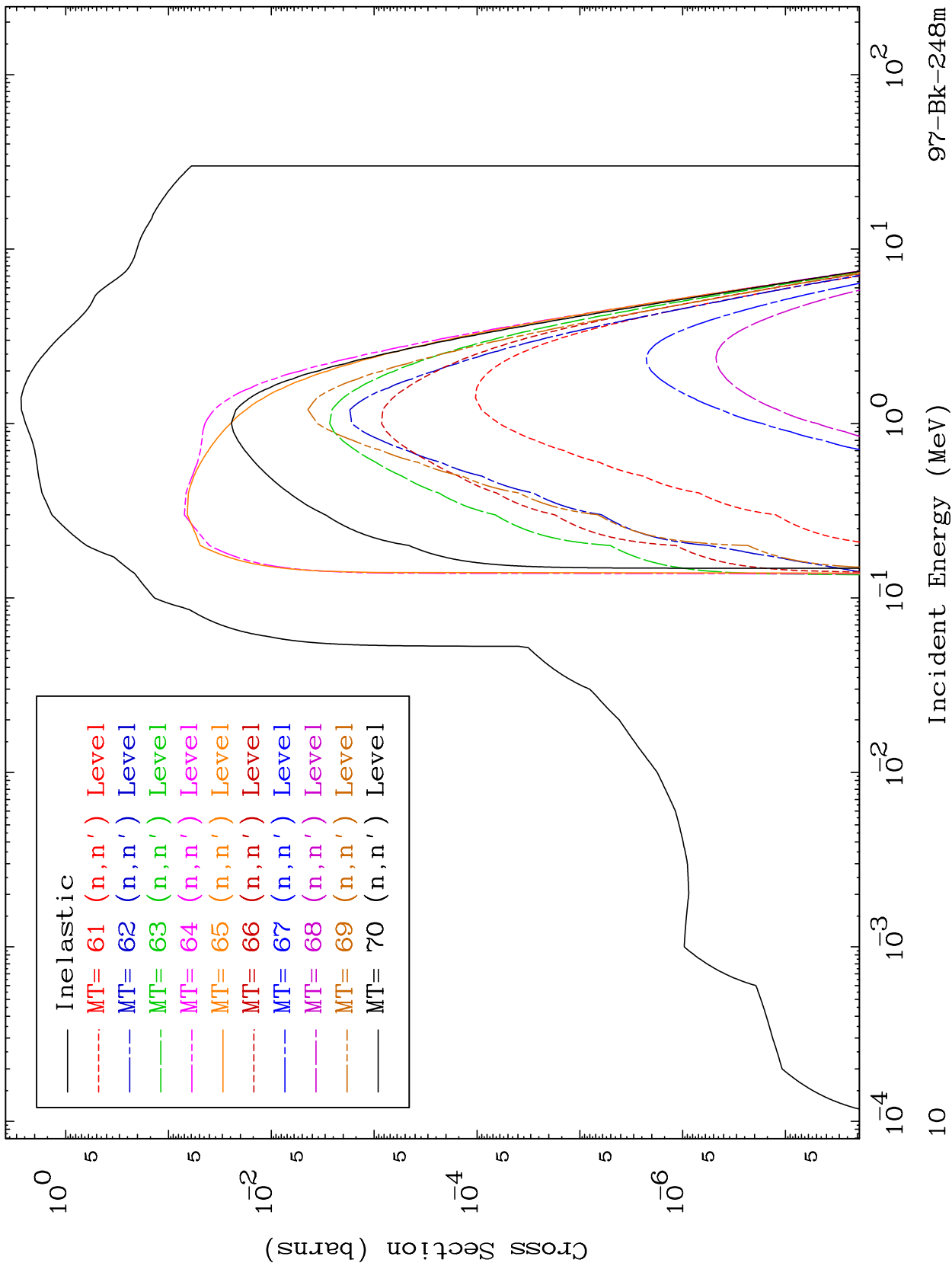
97-Bk-248m



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293 Kelvin Cross Sections
(n,n') Levels

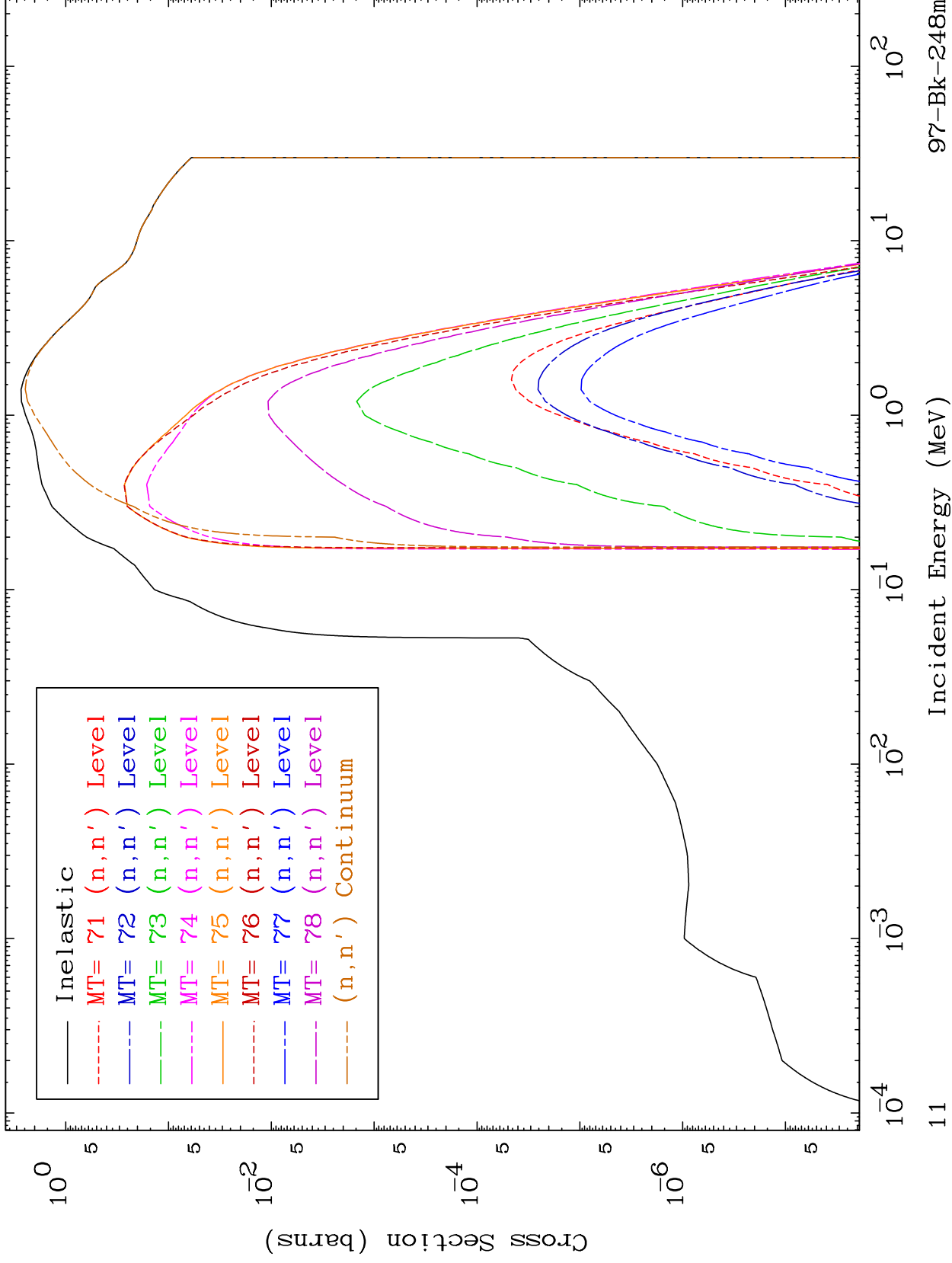
97-Bk-248m



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293 Kelvin Cross Sections
(n,n') Levels

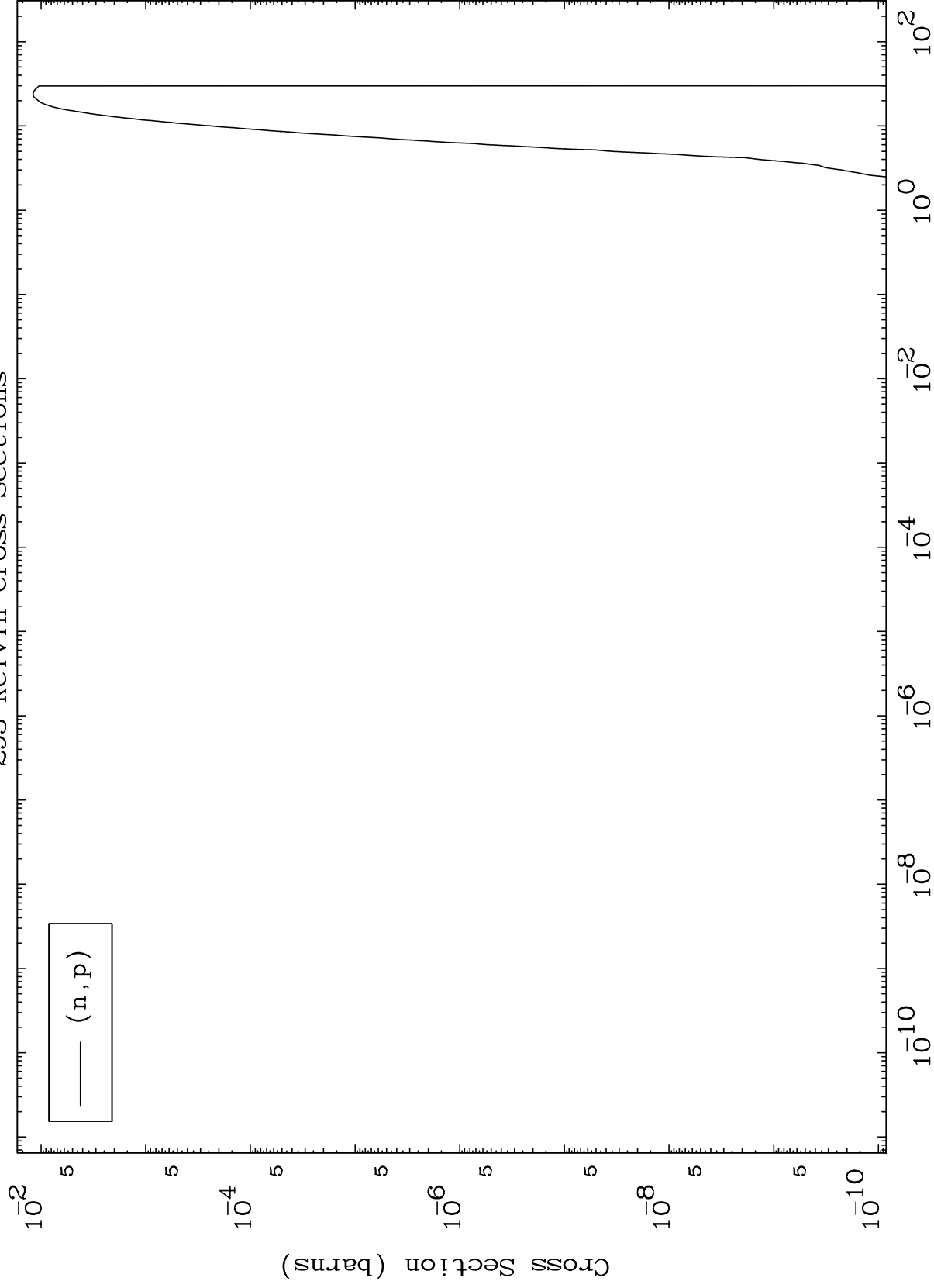
97-Bk-248m



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(n,p) Levels
293 Kelvin Cross Sections

97-Bk-248m



12

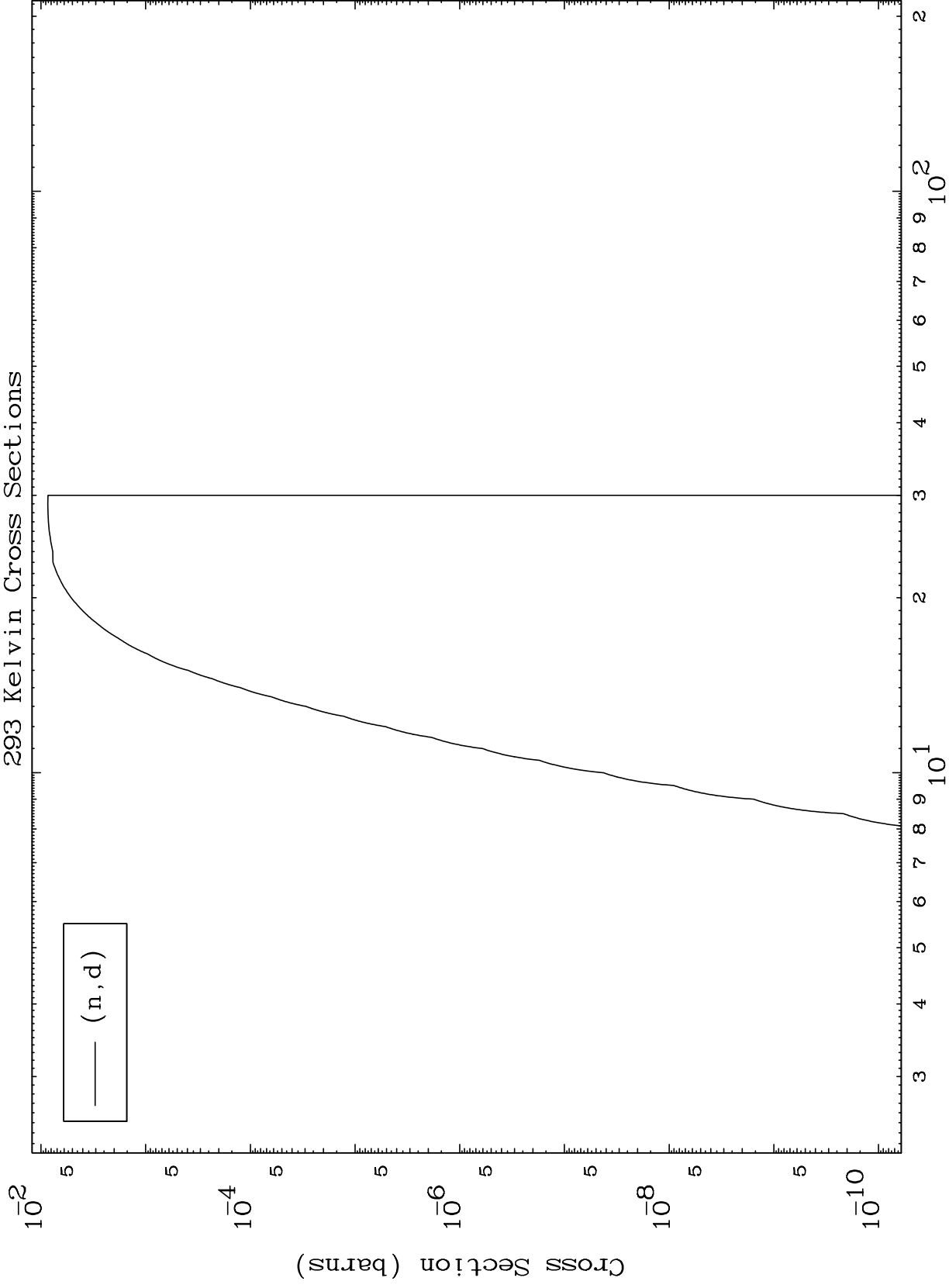
Incident Energy (MeV)

97-Bk-248m

MAT 9750

(n,d) Levels
293 Kelvin Cross Sections

97-Bk-248m



13

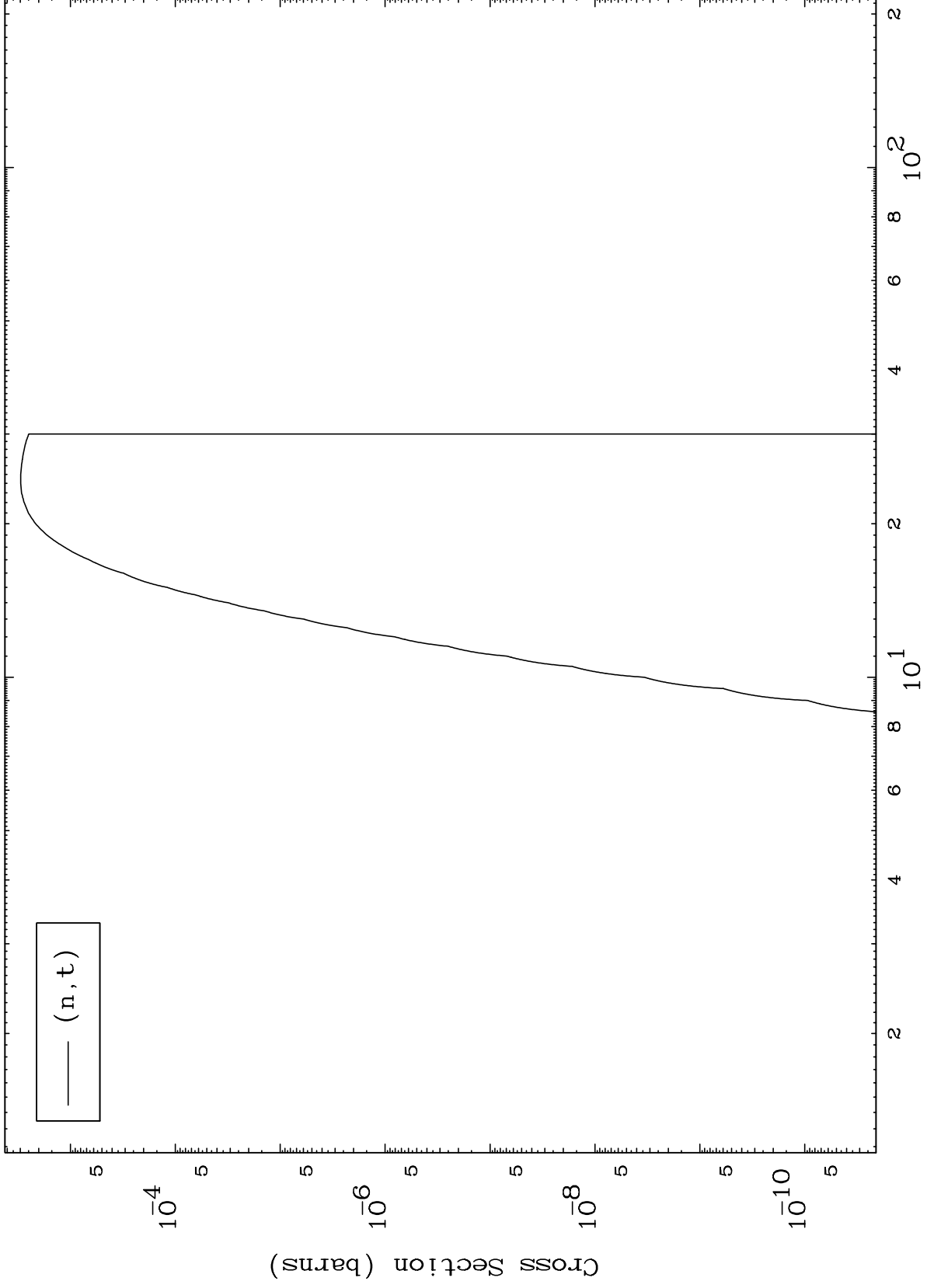
Incident Energy (MeV)

97-Bk-248m

MAT 9750

(n,t) Levels
293 Kelvin Cross Sections

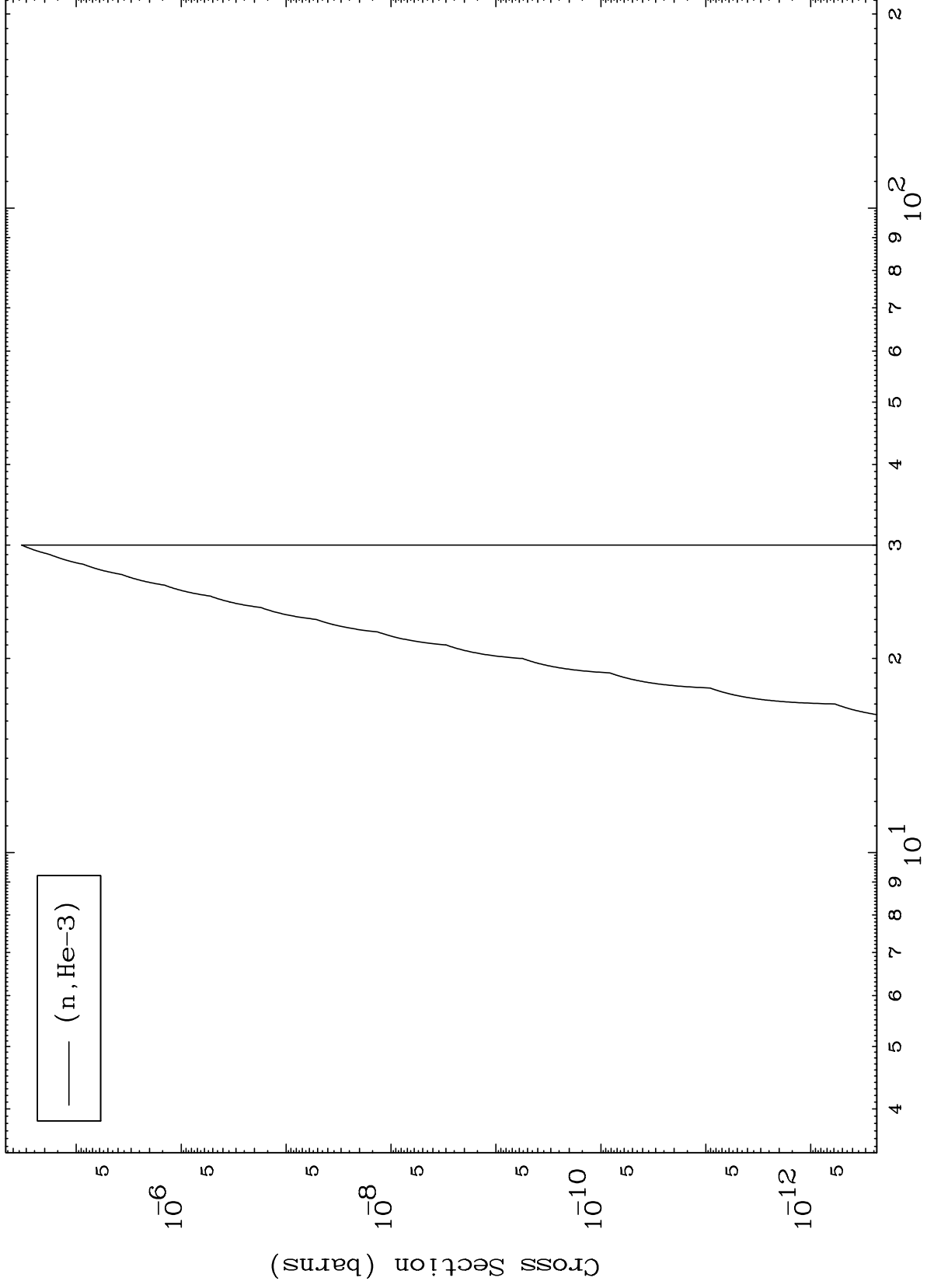
97-Bk-248m



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(n,He3) Levels
293 Kelvin Cross Sections

97-Bk-248m



15

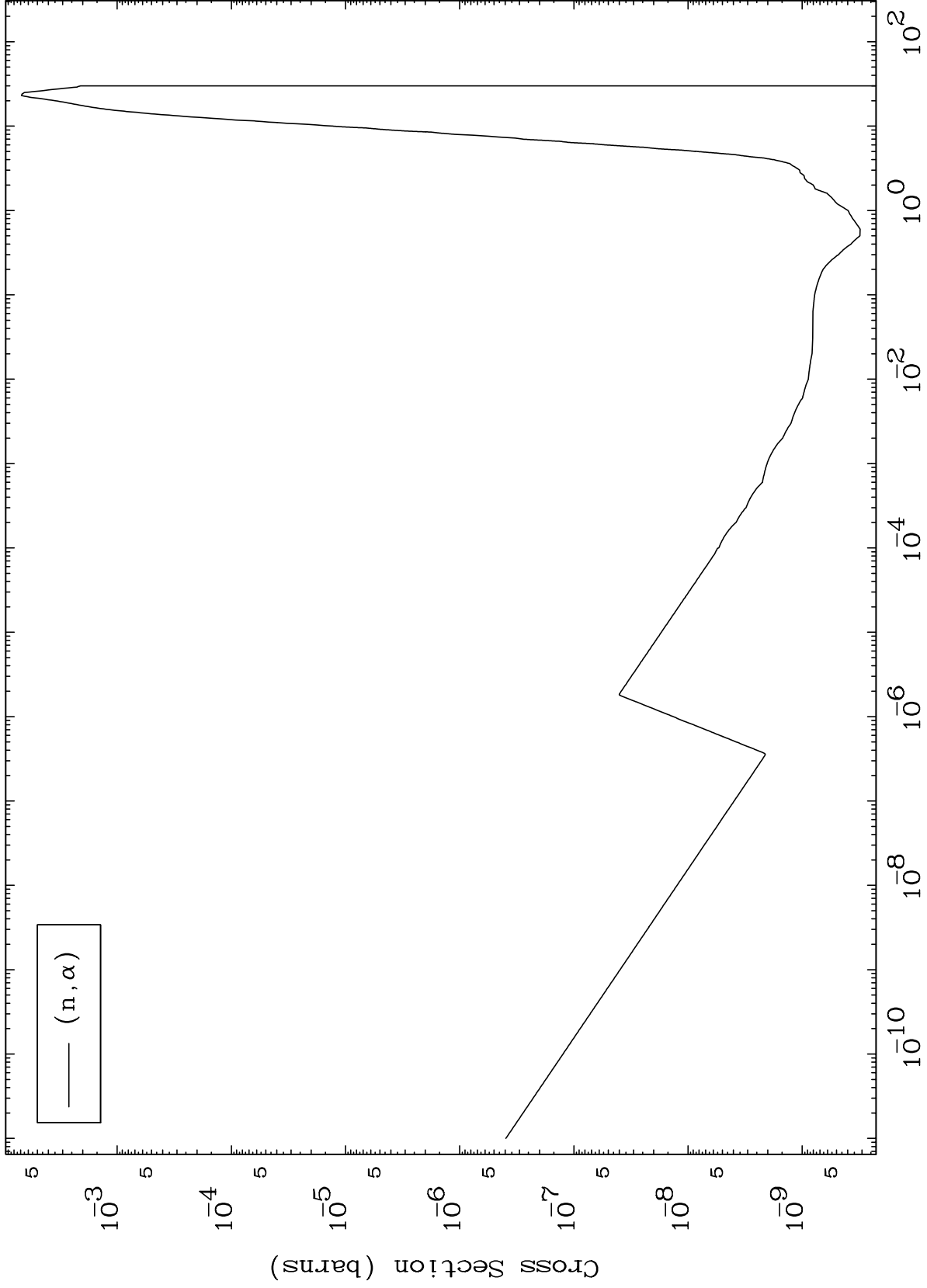
Incident Energy (MeV)

97-Bk-248m

MAT 9750

(n, α) Levels
293 Kelvin Cross Sections

97-Bk-248m



16

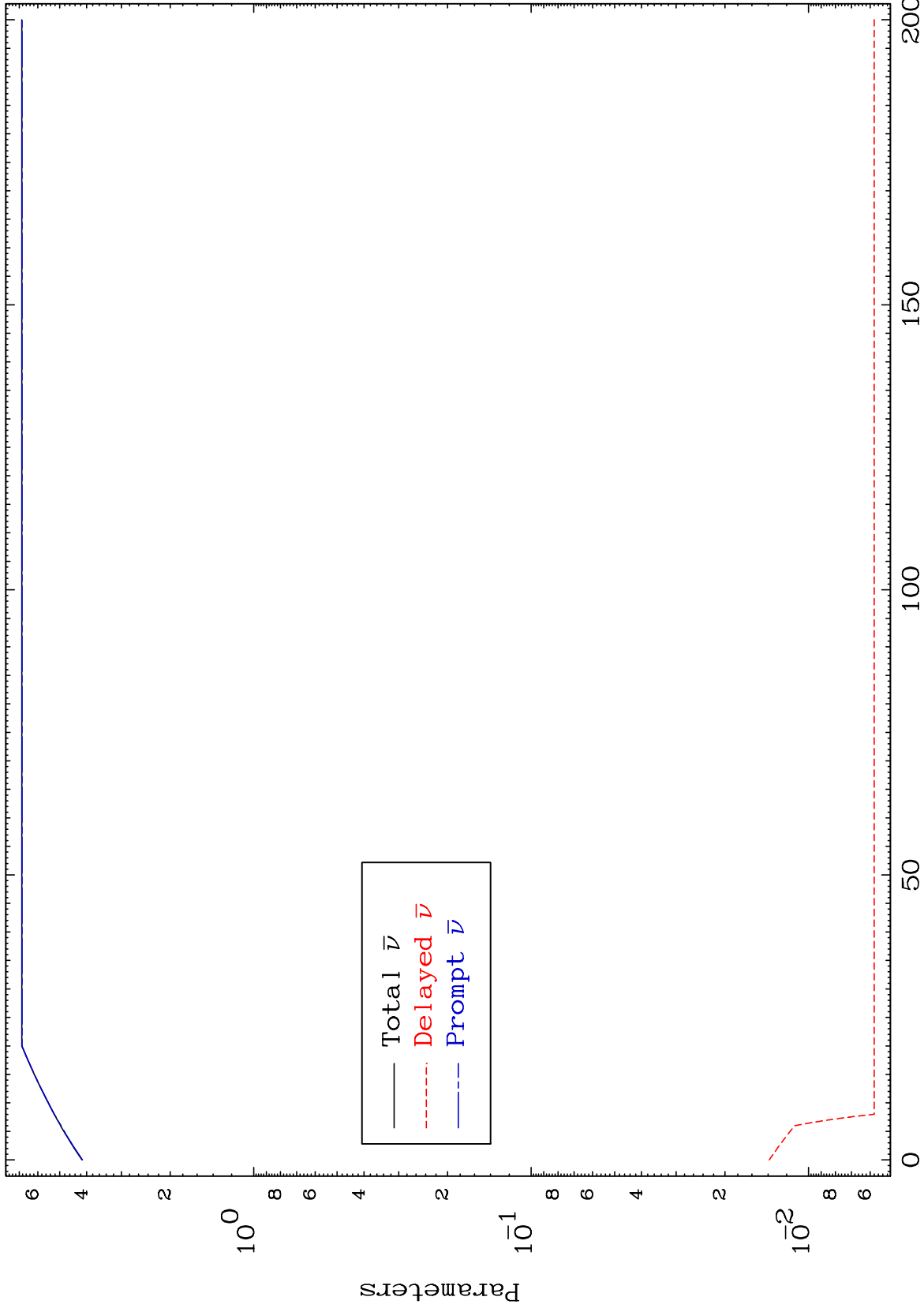
Incident Energy (MeV)

97-Bk-248m

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Energy Release
Parameters

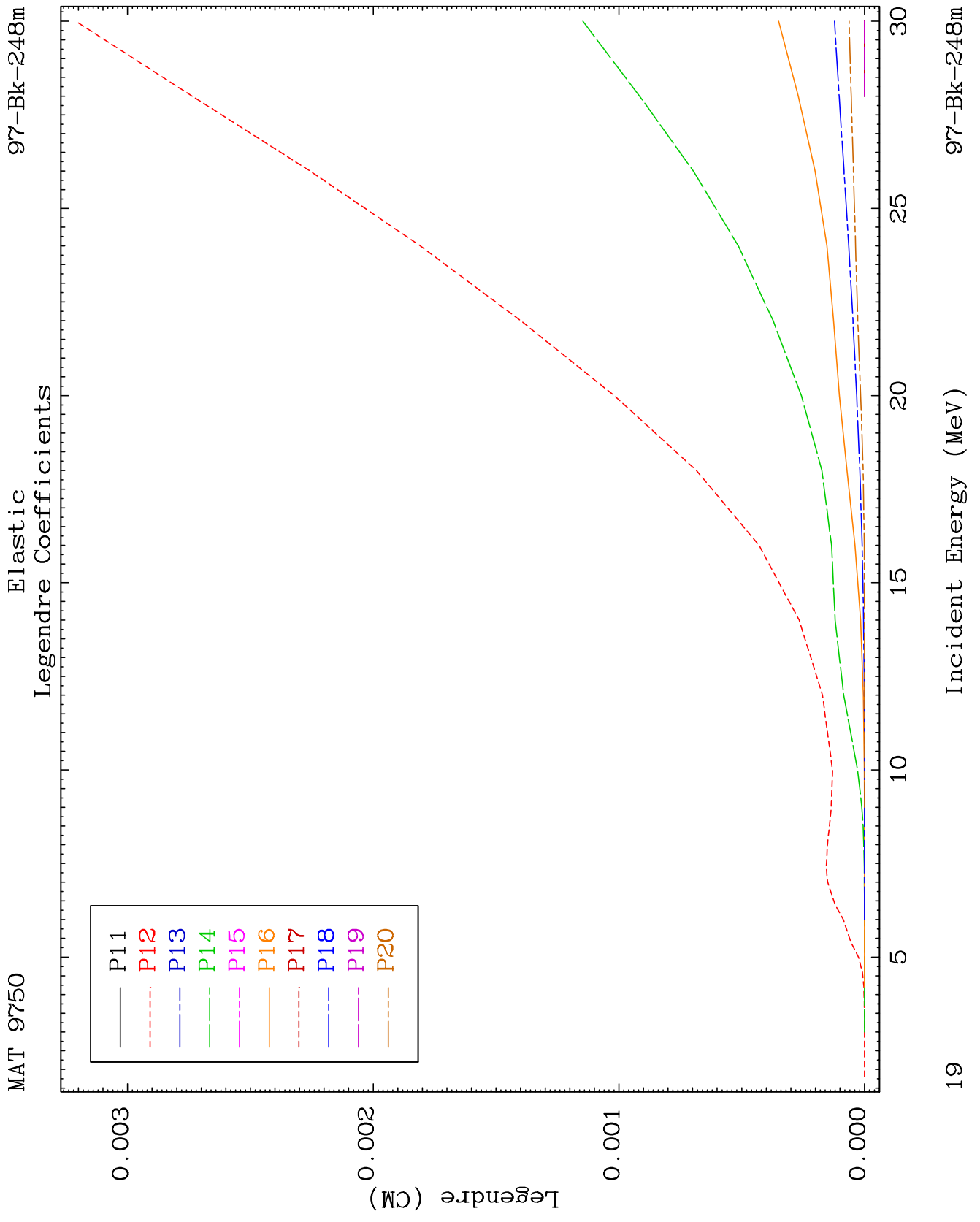
97-Bk-248m



17

Incident Energy (MeV)

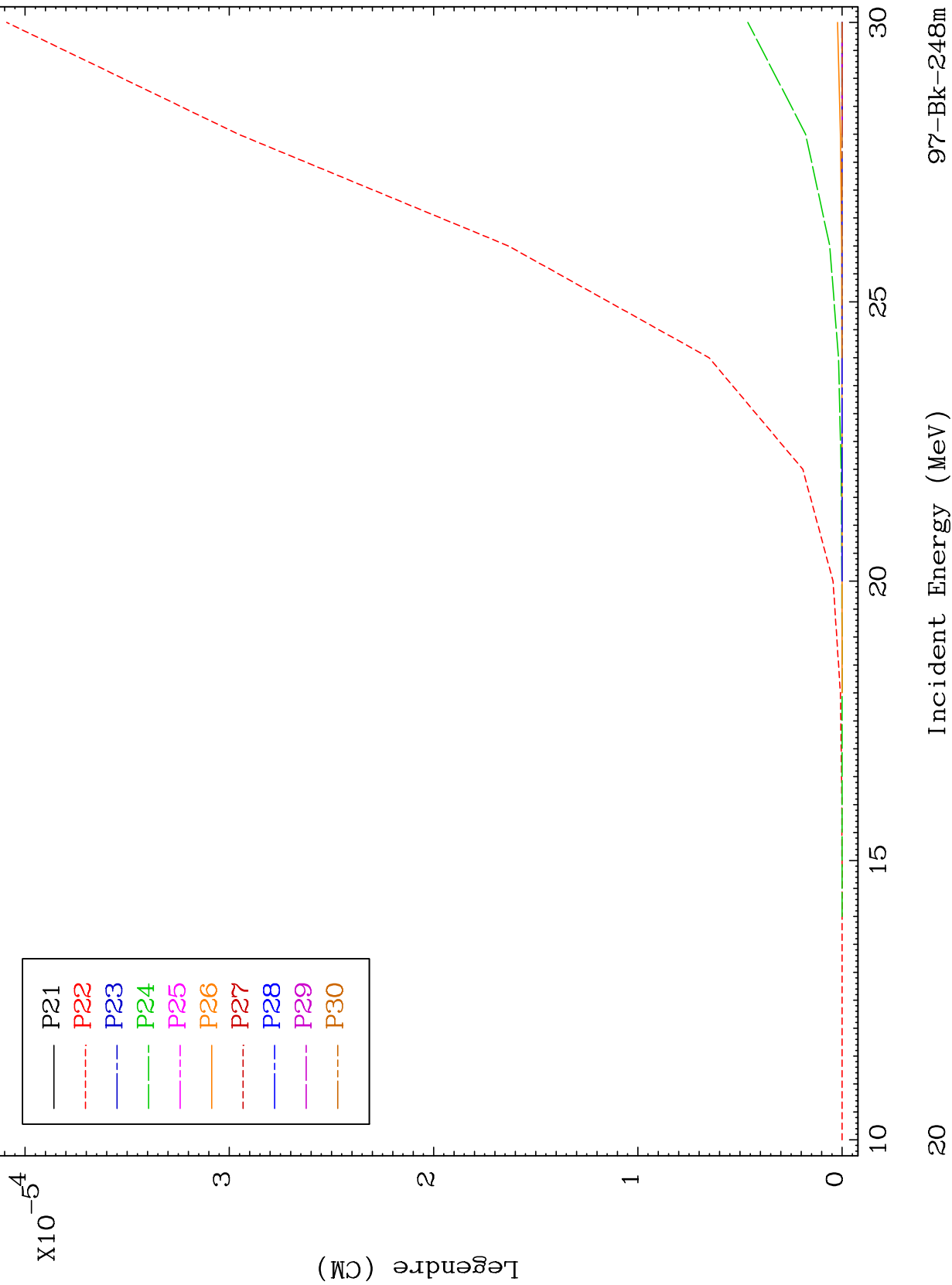
97-Bk-248m



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Elastic
Legendre Coefficients

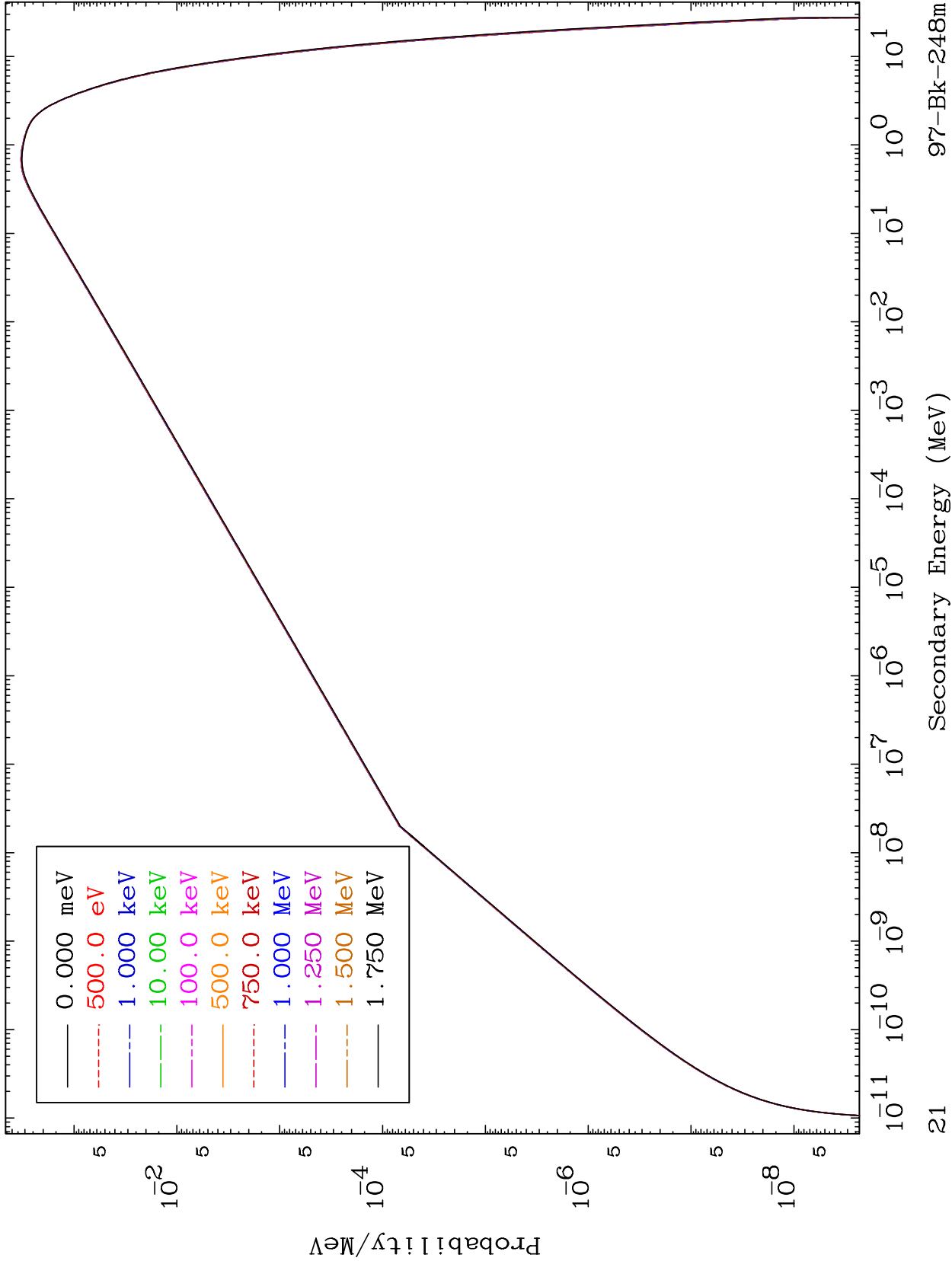
97-Bk-248m



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Fission Energy Distributions

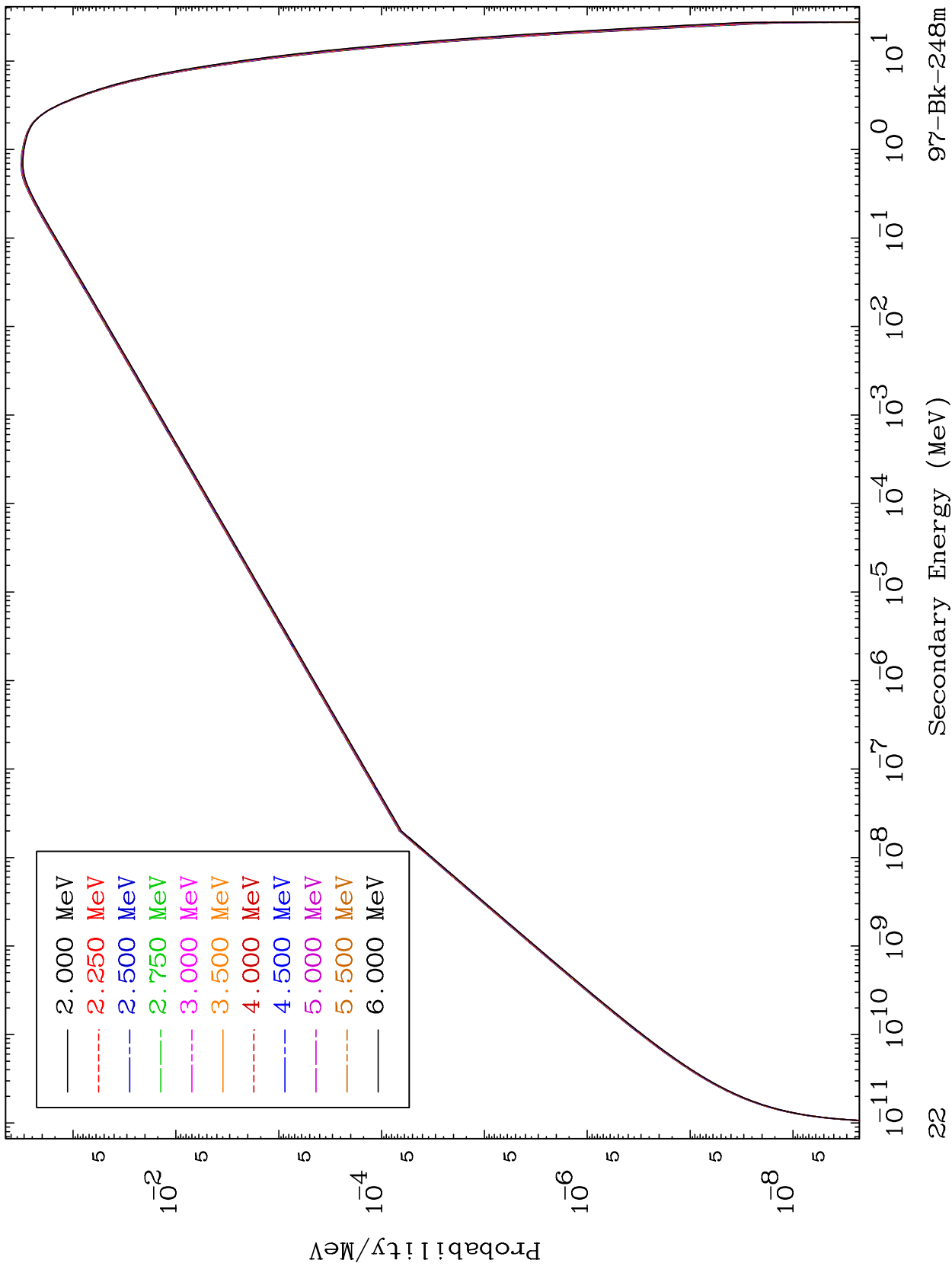
97-Bk-248m



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Fission Energy Distributions

97-Bk-248m



97-Bk-248m

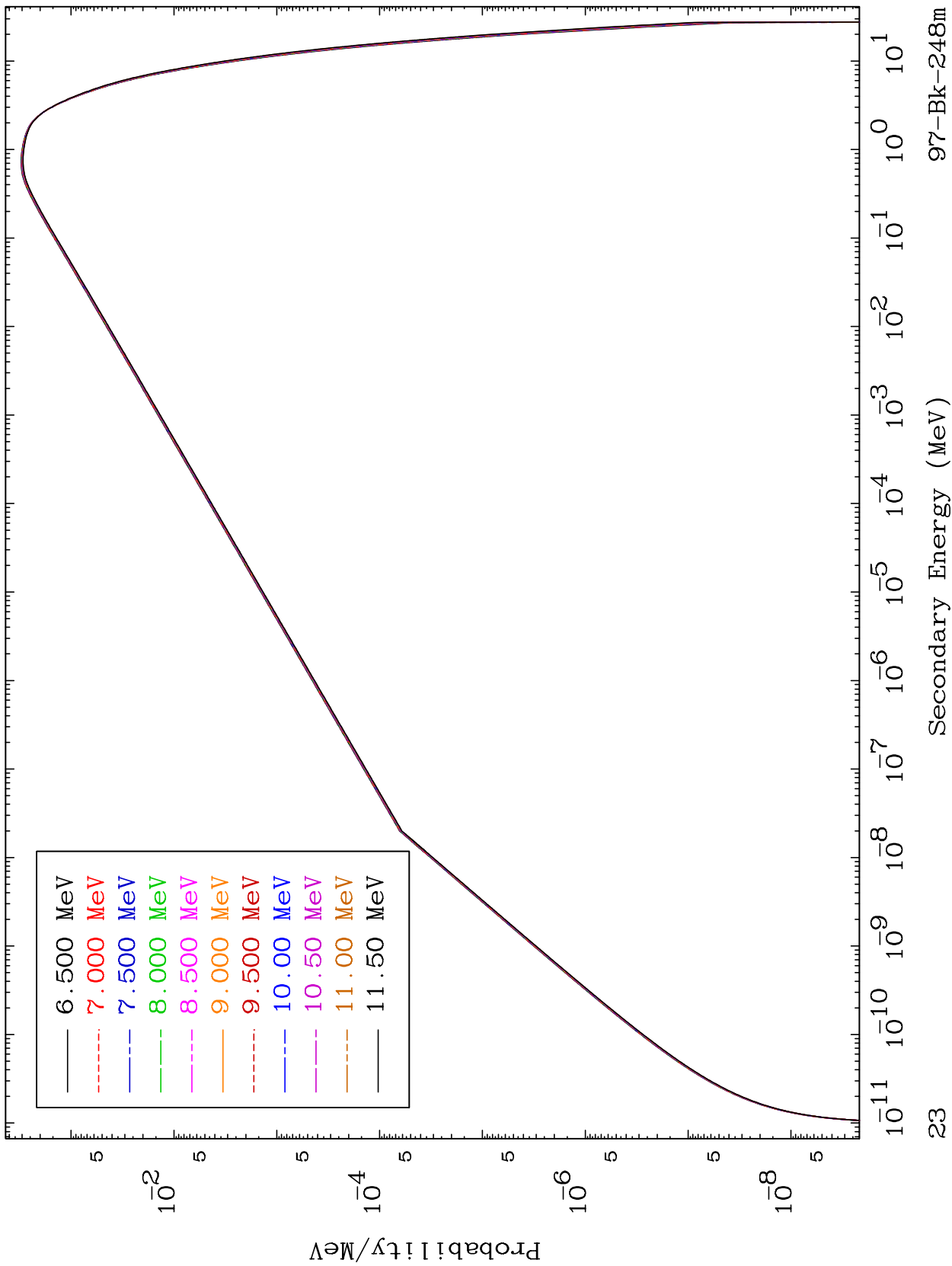
Secondary Energy (MeV)

22

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Fission Energy Distributions

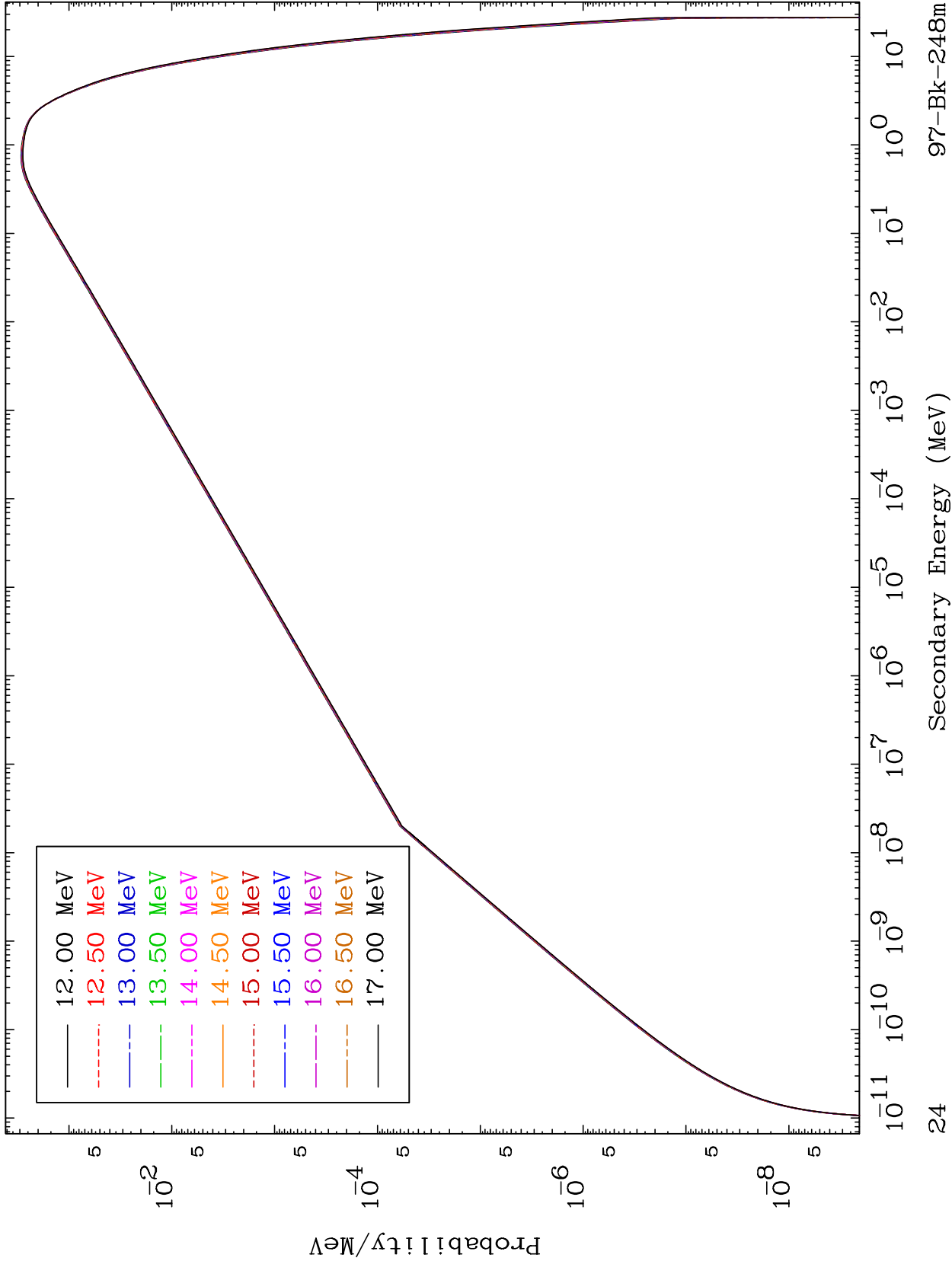
97-Bk-248m



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Fission Energy Distributions

97-Bk-248m



97-Bk-248m

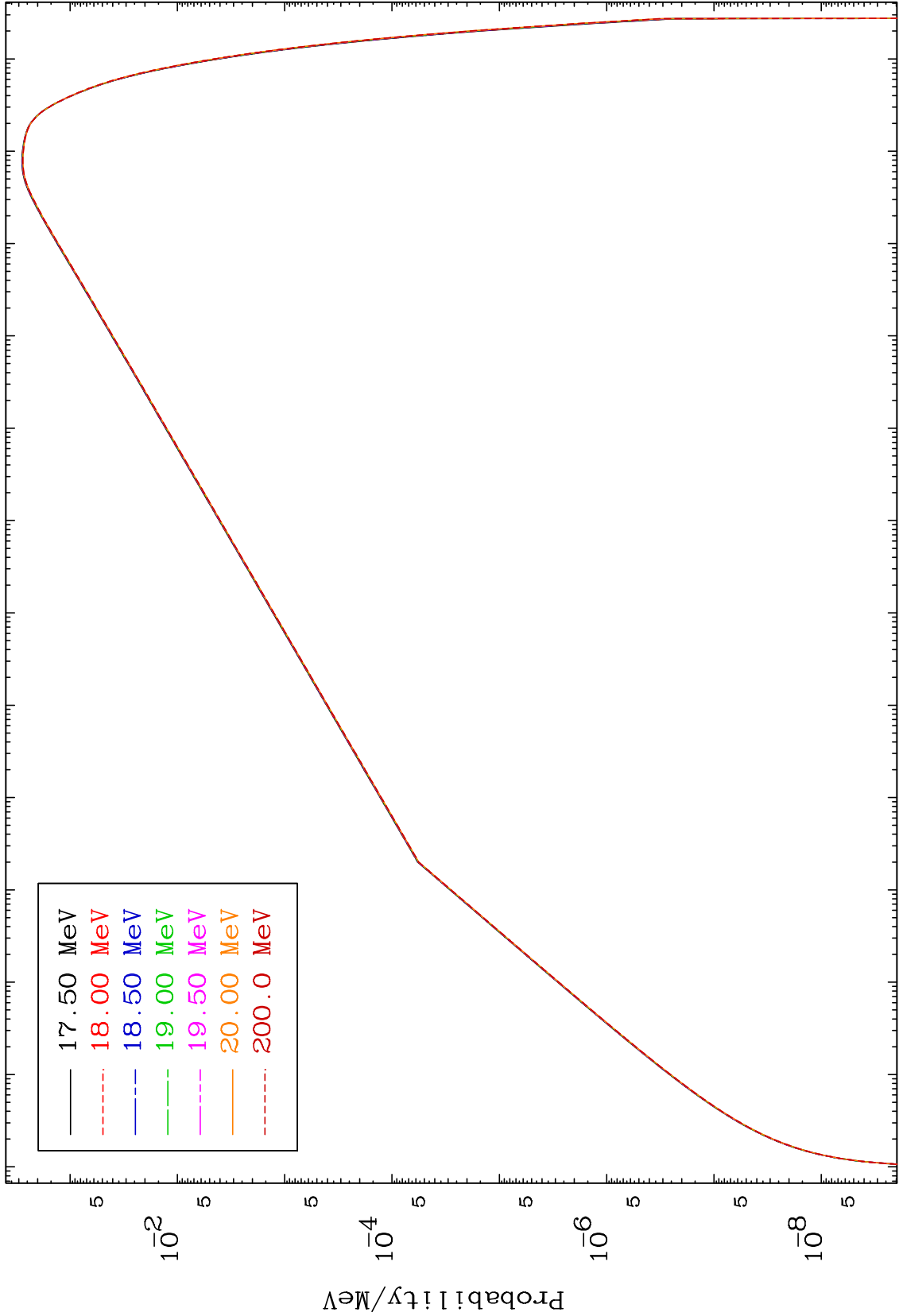
Secondary Energy (MeV)

24

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Fission Energy Distributions

97-Bk-248m



25

Secondary Energy (MeV)

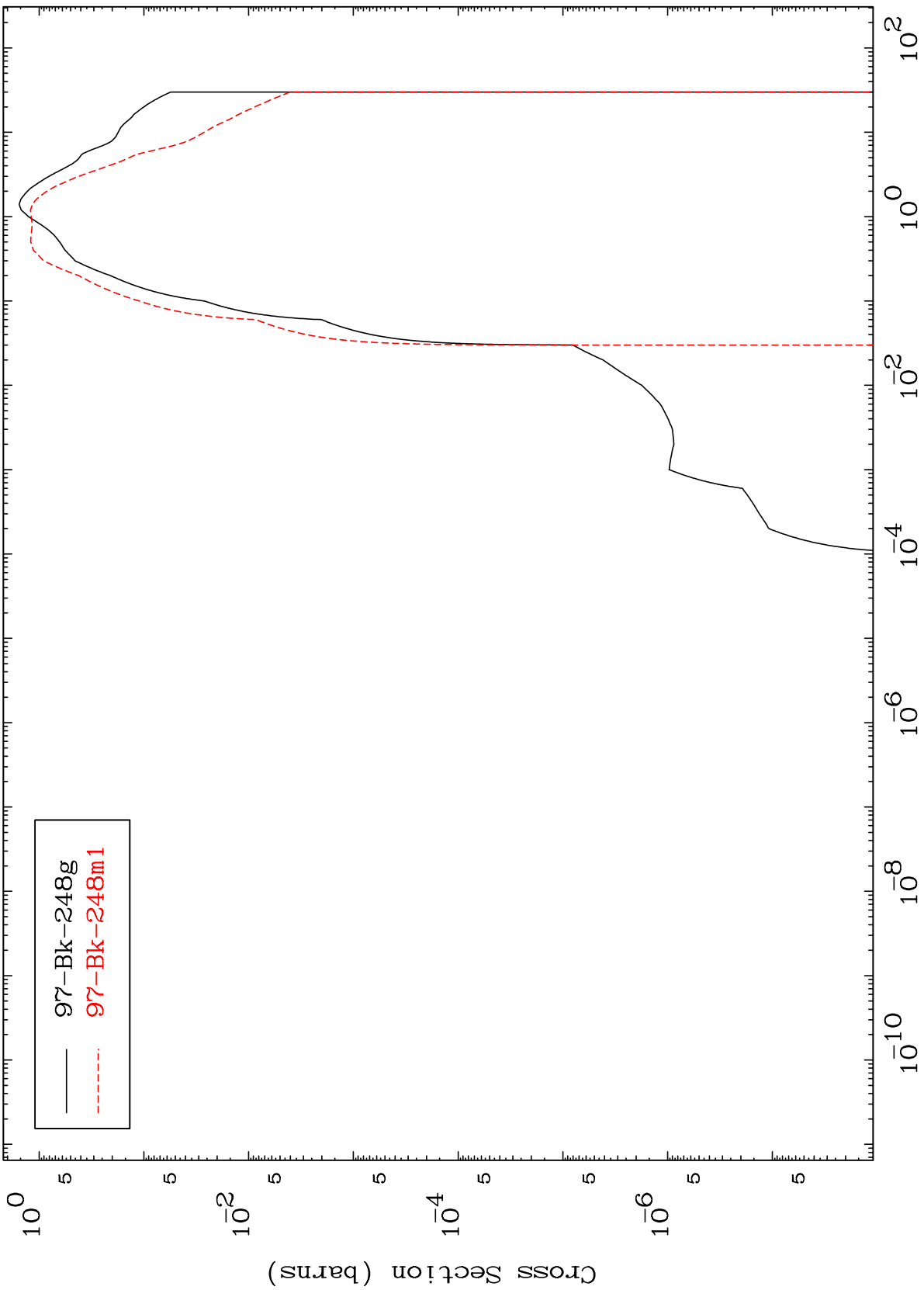
97-Bk-248m

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Inelastic

97-Bk-248m

Radionuclide Production Cross Section

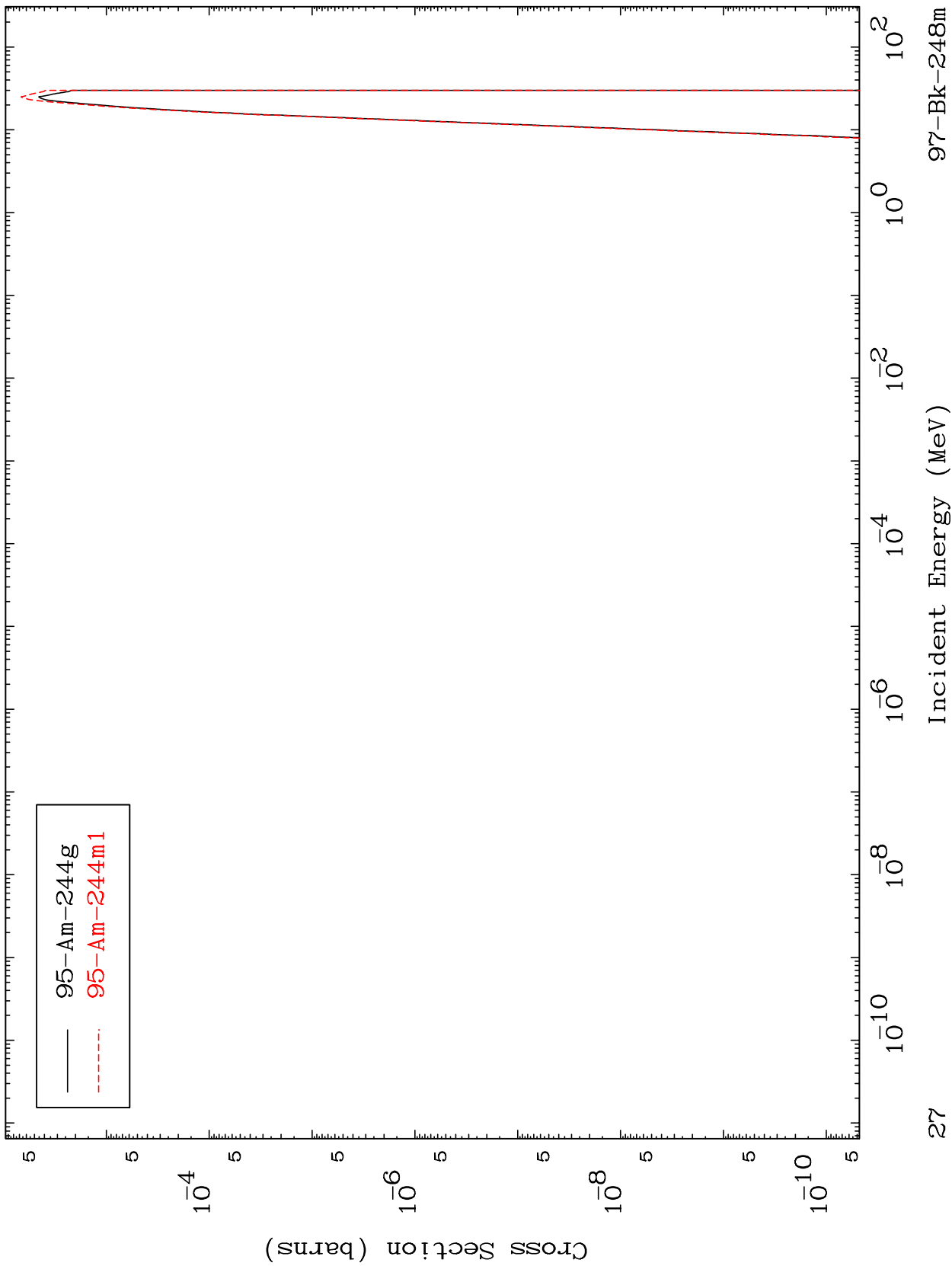


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(n,n') α

97-Bk-248m

Radionuclide Production Cross Section

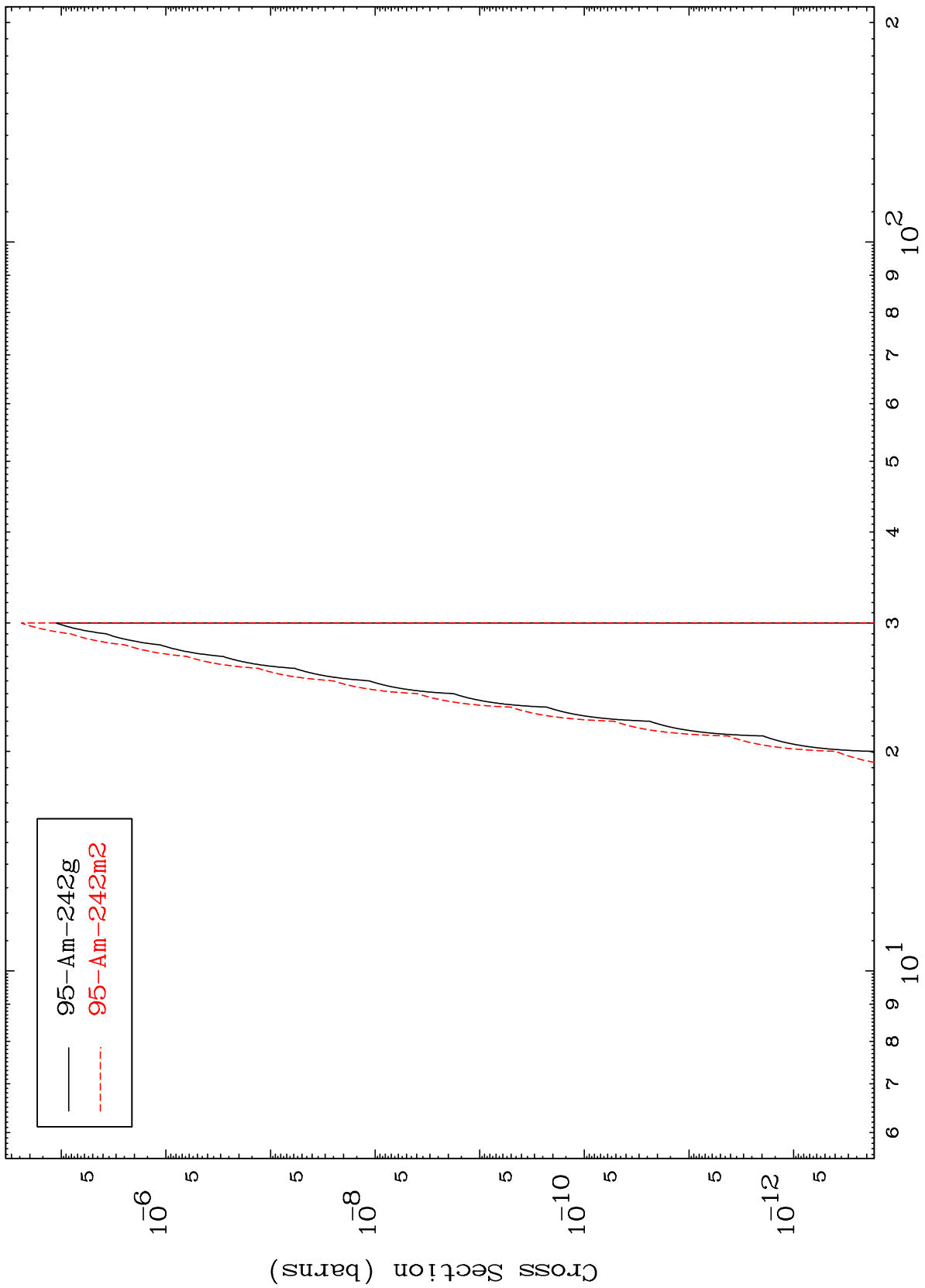


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(n,3n) α

97-Bk-248m

Radionuclide Production Cross Section



95-Am-242g
95-Am-242m2

Incident Energy (MeV)

97-Bk-248m

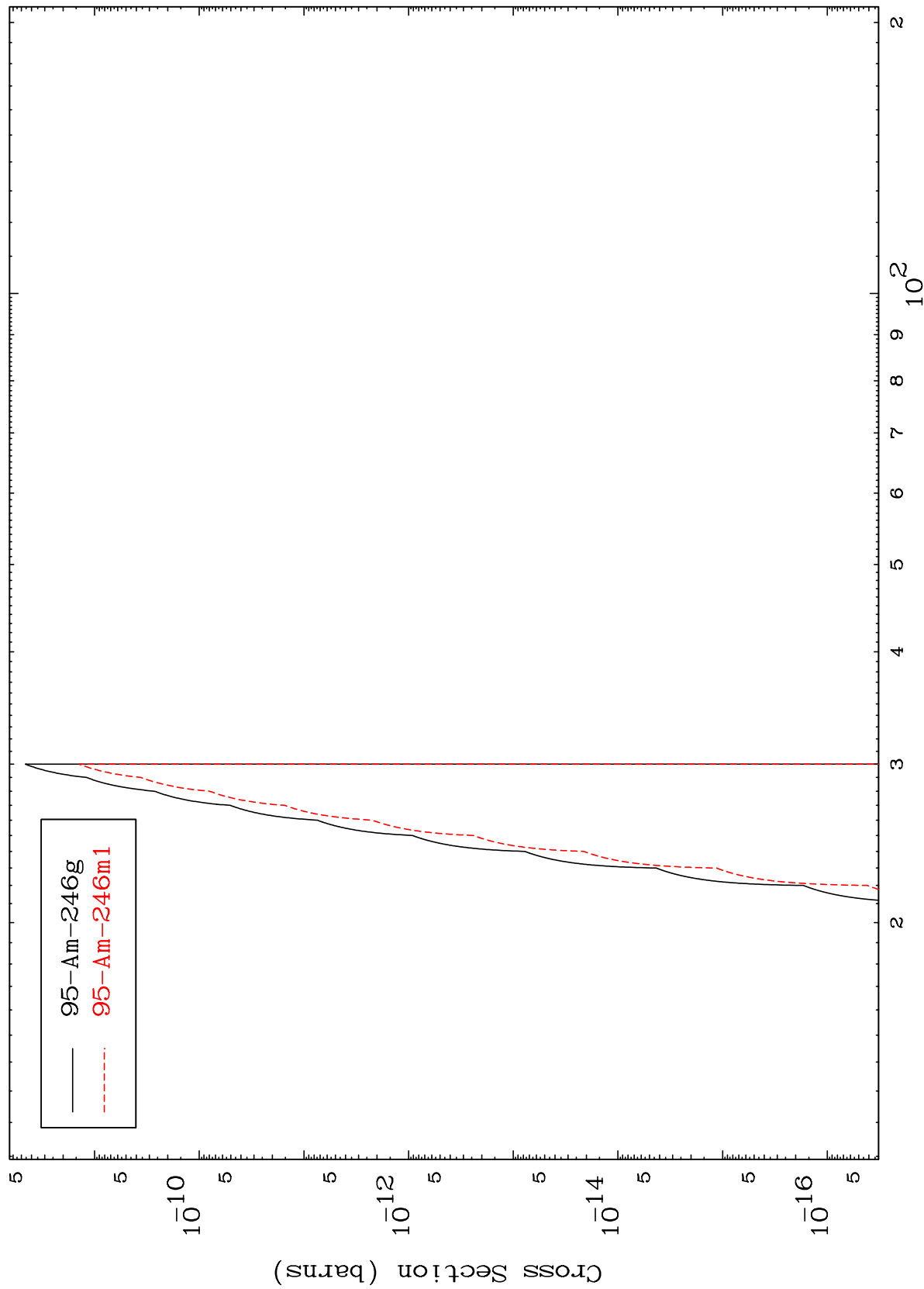
28

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(n,2n) p

97-Bk-248m

Radionuclide Production Cross Section



Incident Energy (MeV)

97-Bk-248m

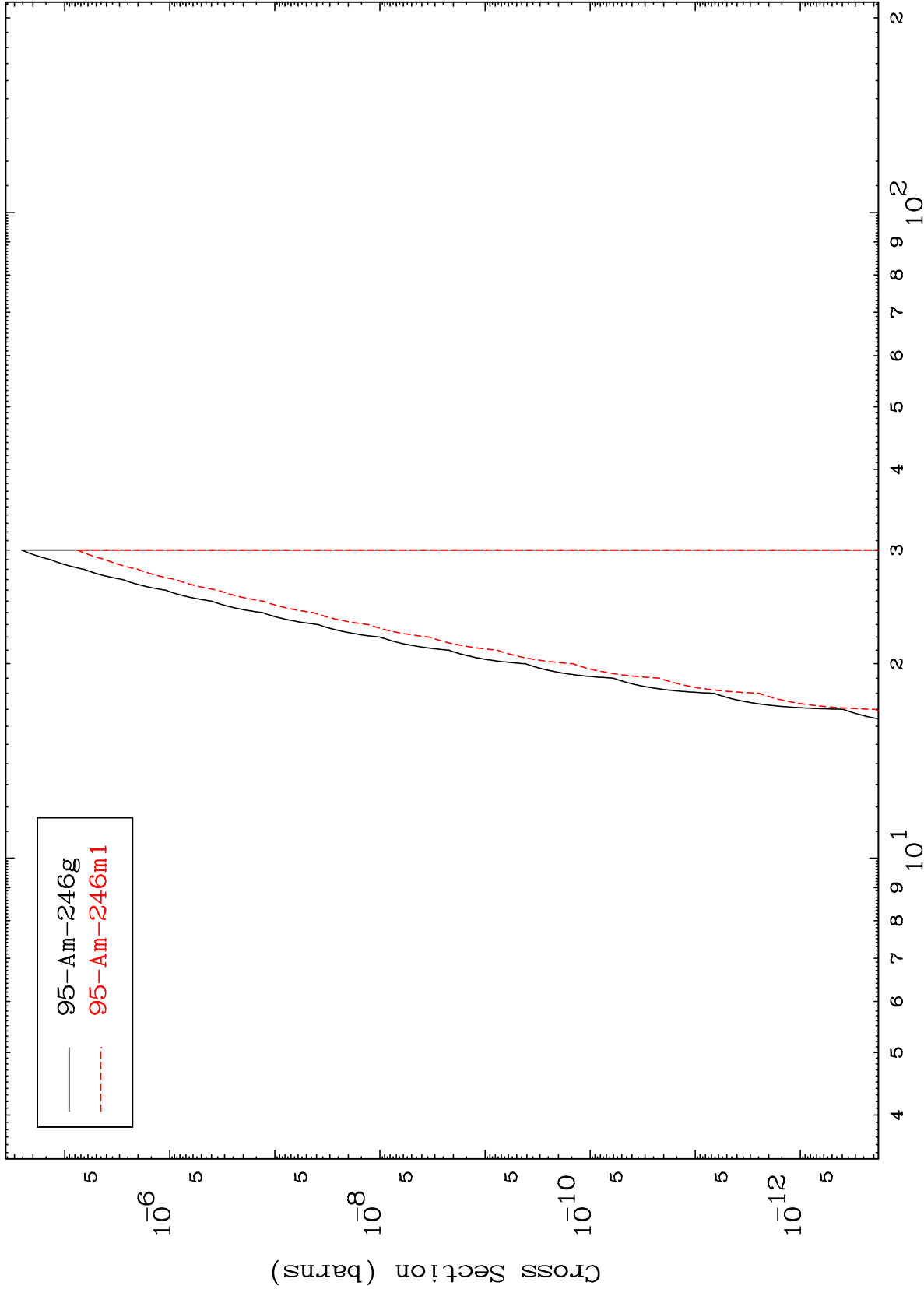
29

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(n,He-3)

97-Bk-248m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

97-Bk-248m