

Program EVALPLOT
(Version 2021-1)

by

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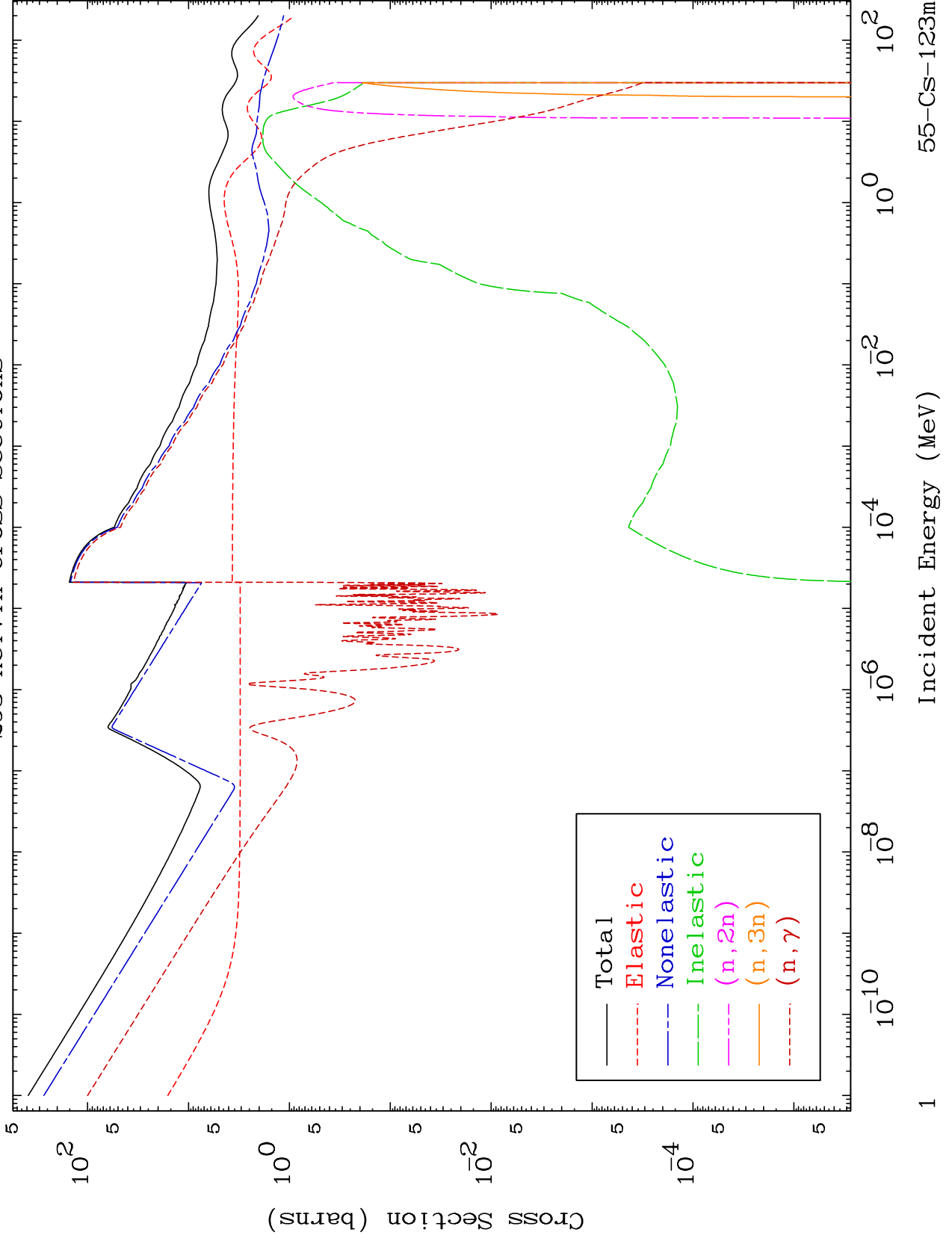
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5496

Neutron Major
293 Kelvin Cross Sections

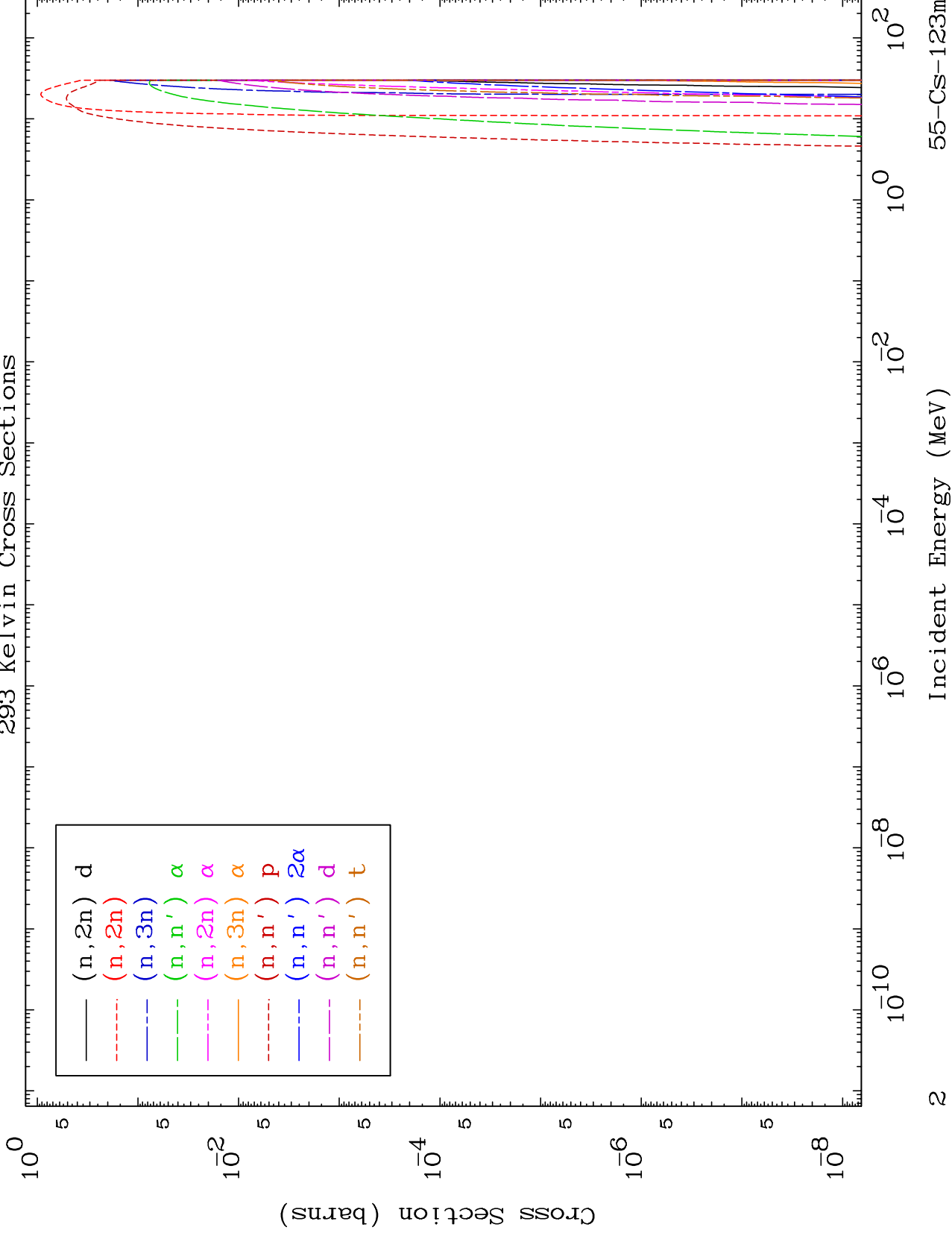
55-Cs-123m

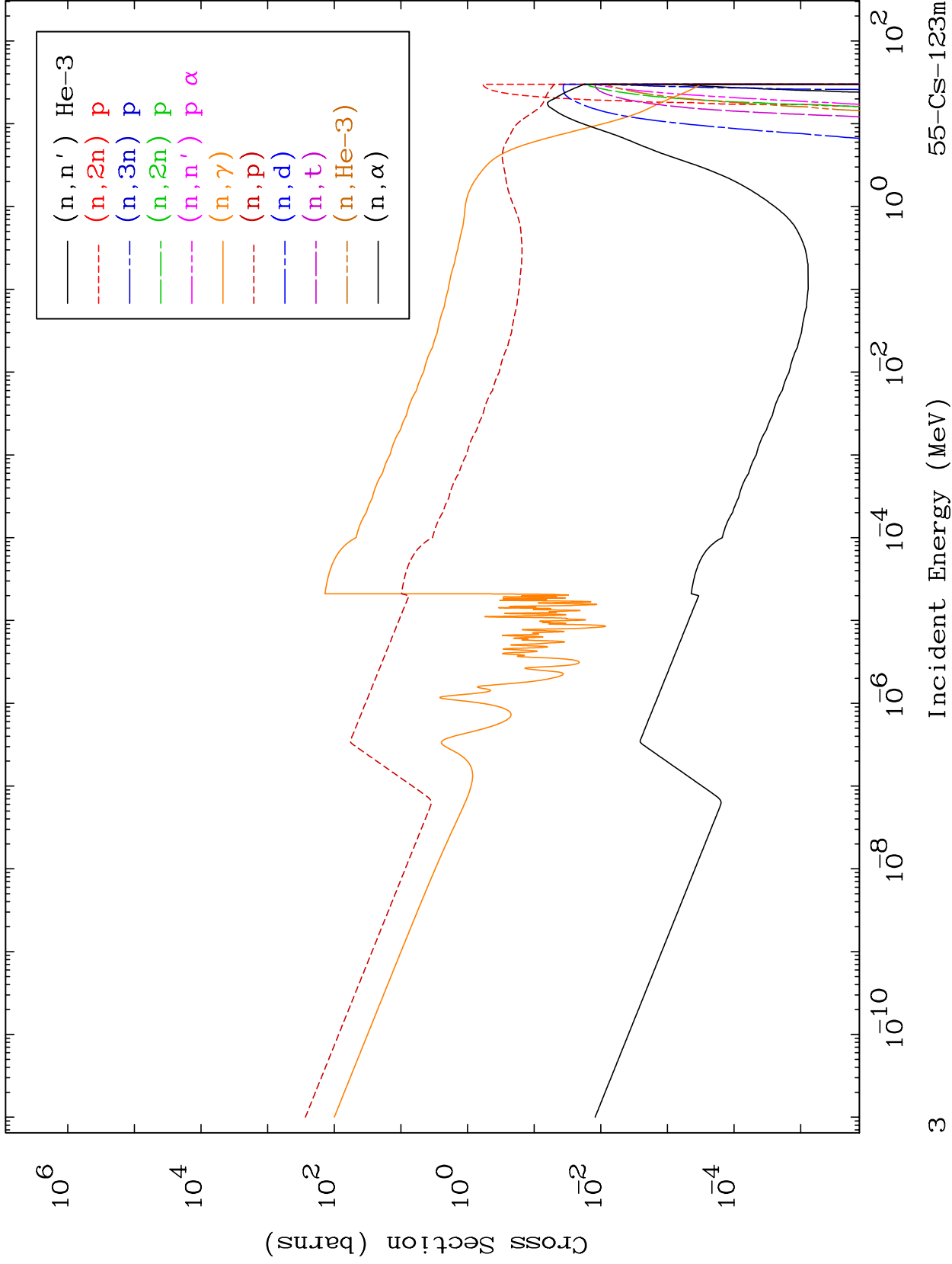


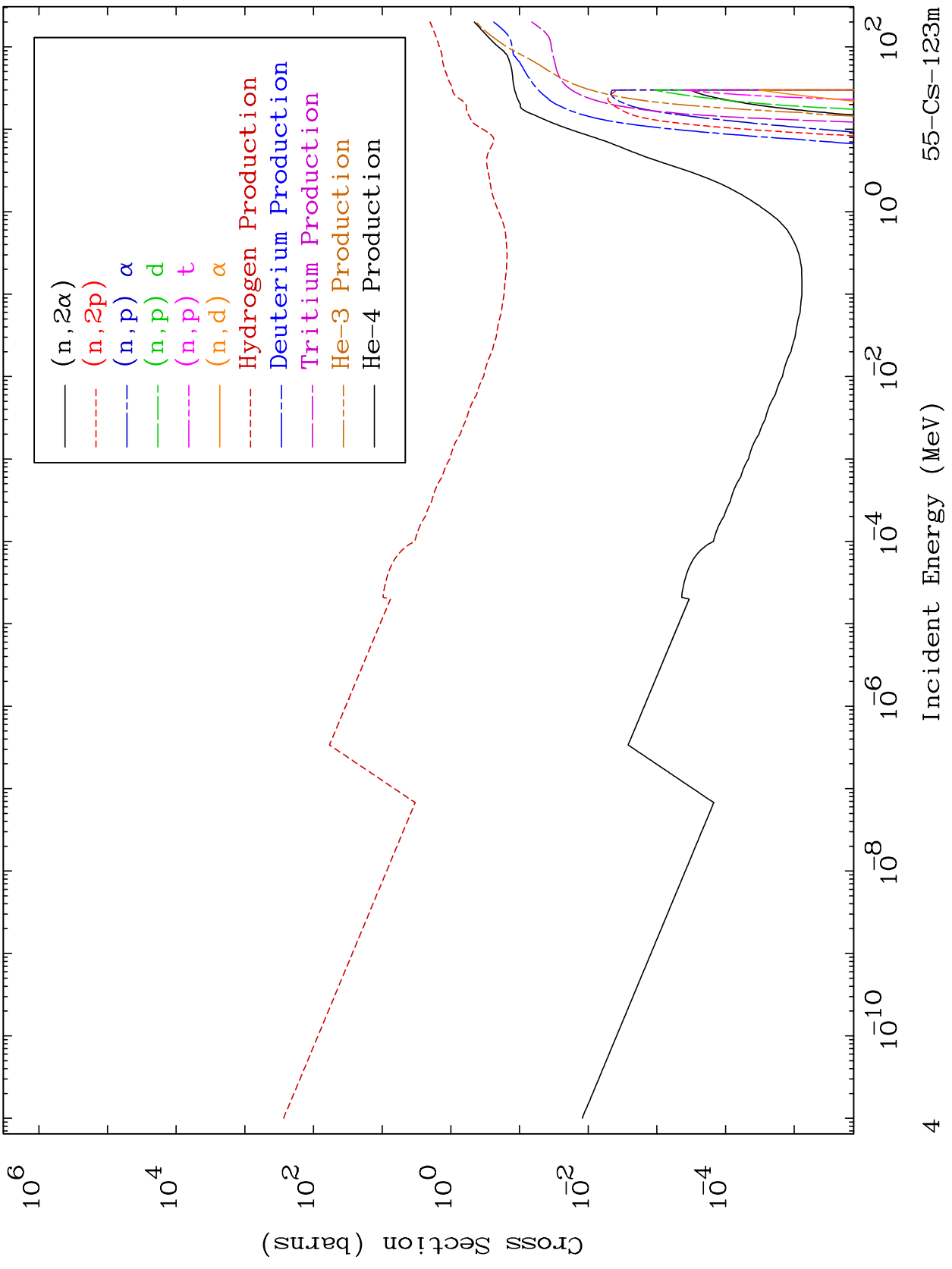
MAT 5496

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-123m



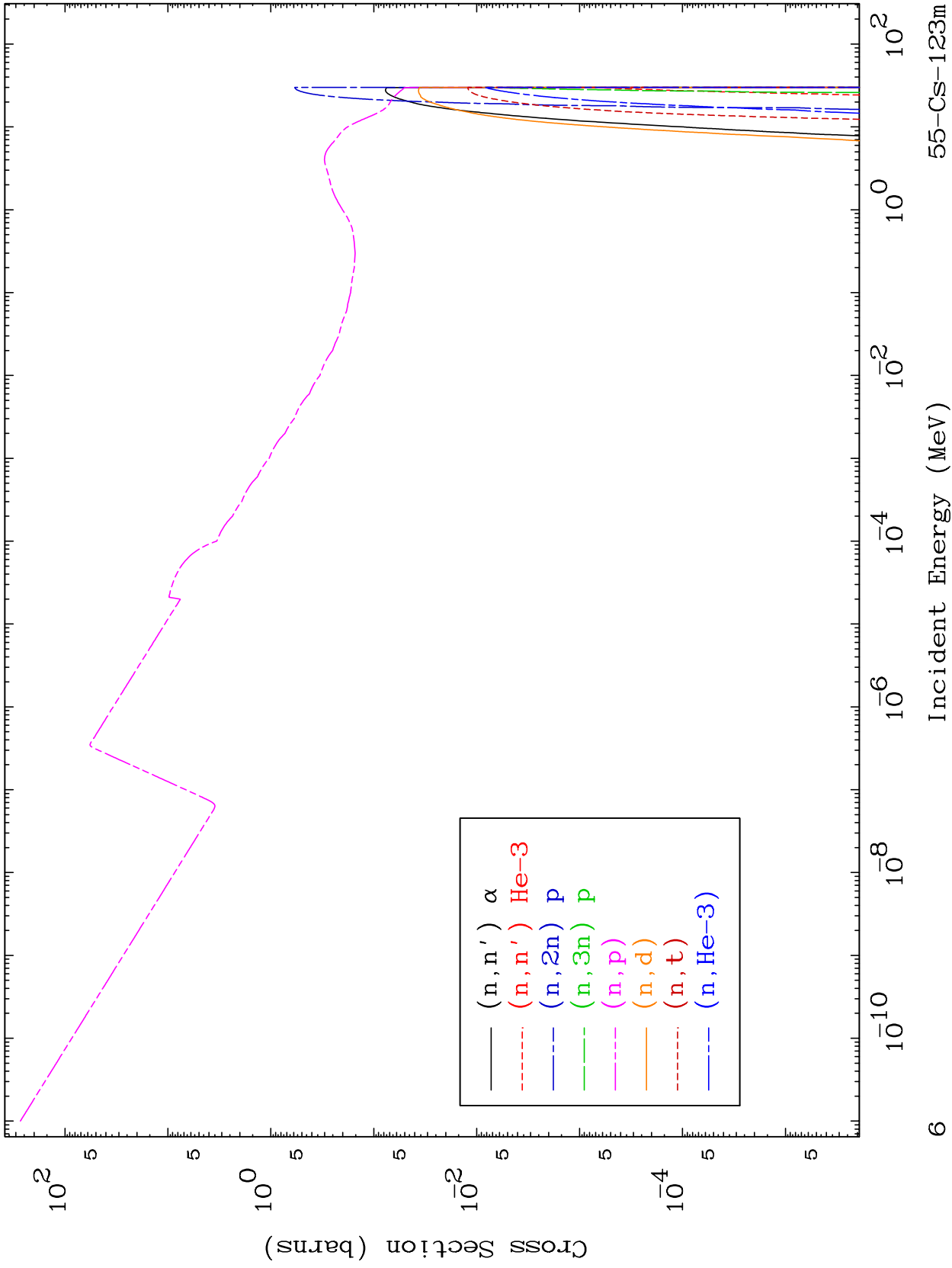




MAT 5496

Charged Particle
293 Kelvin Cross Sections

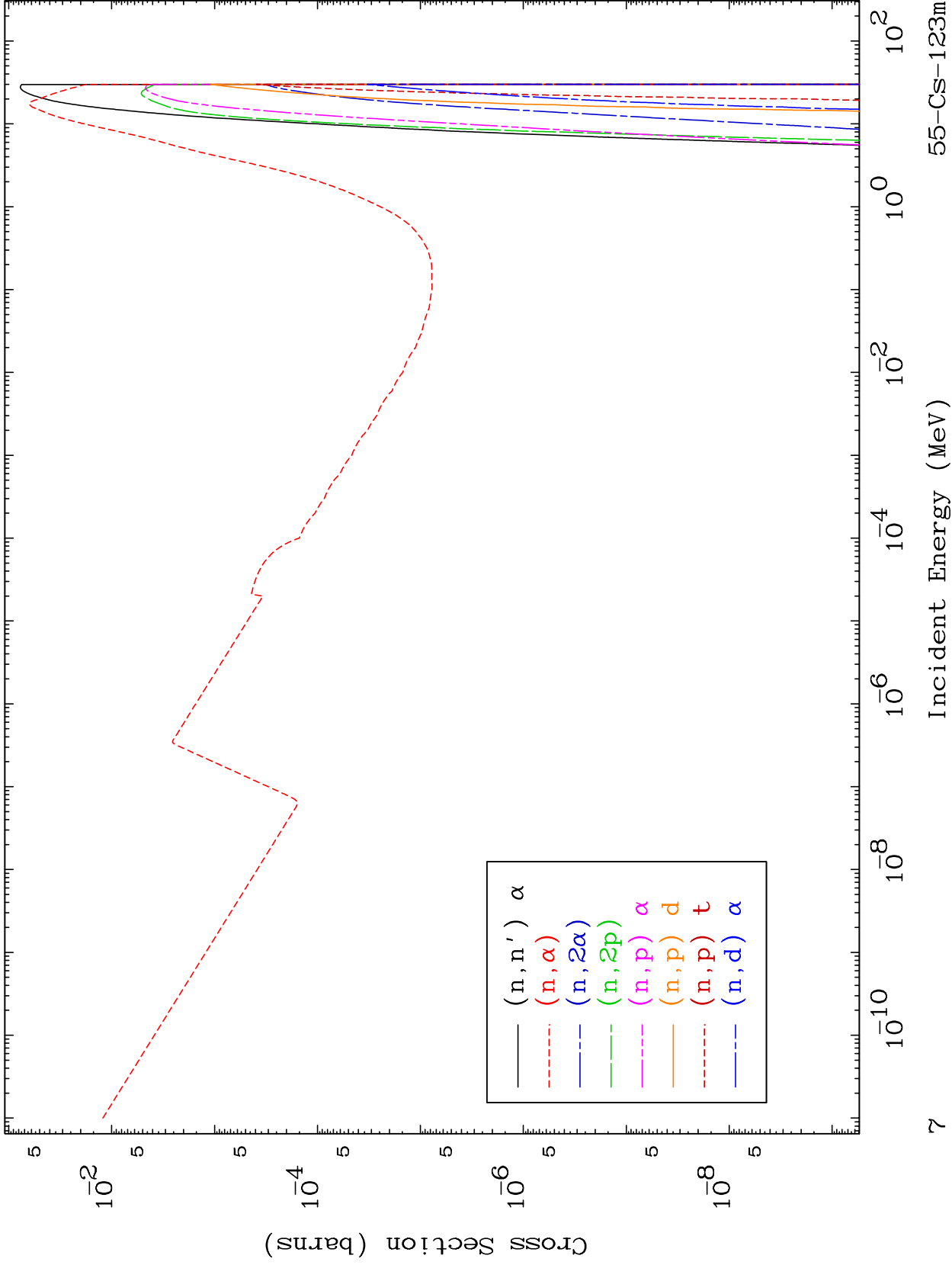
55-Cs-123m



MAT 5496

Charged Particle
293 Kelvin Cross Sections

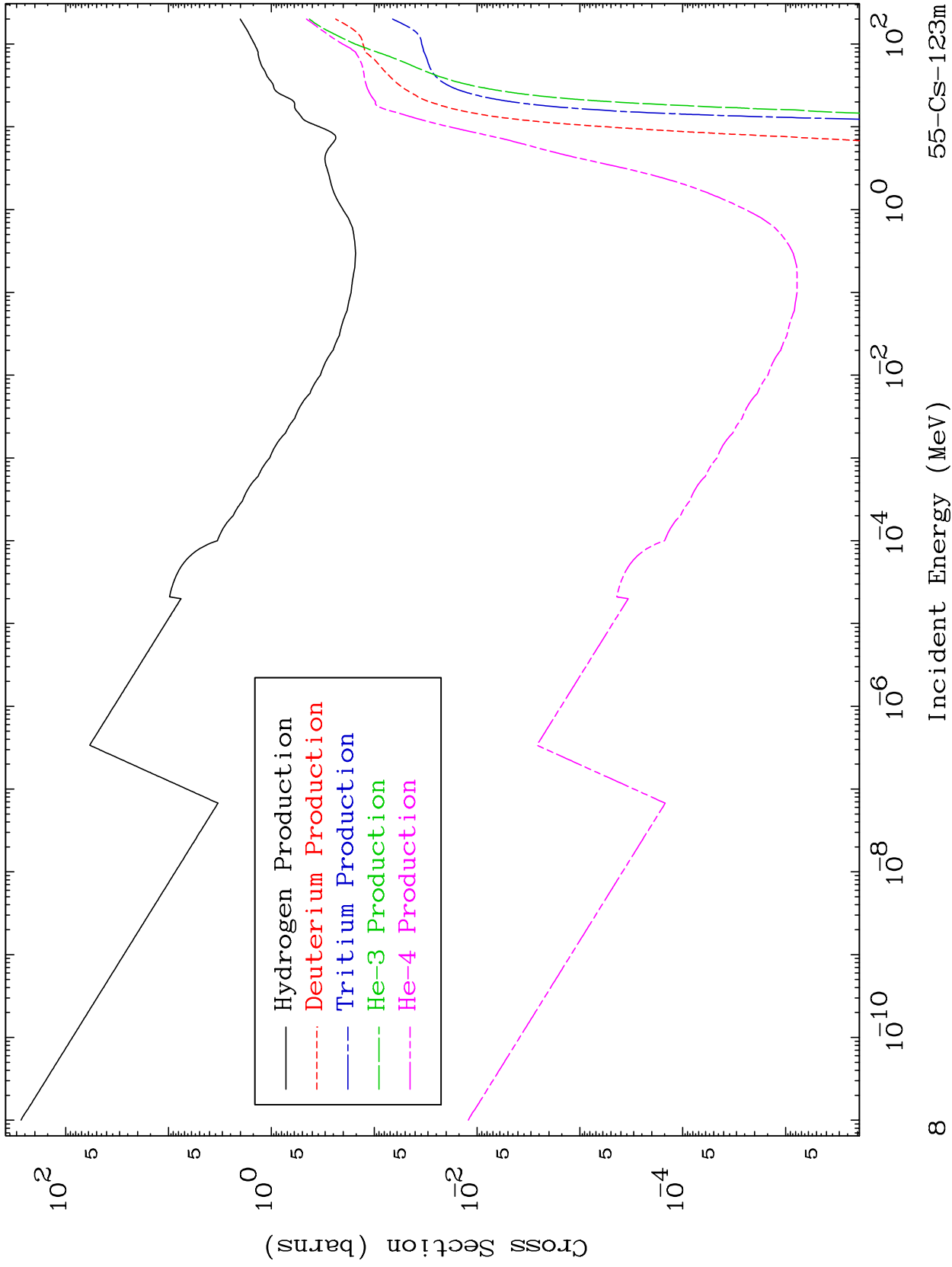
55-Cs-123m



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Particle Production
293 Kelvin Cross Sections

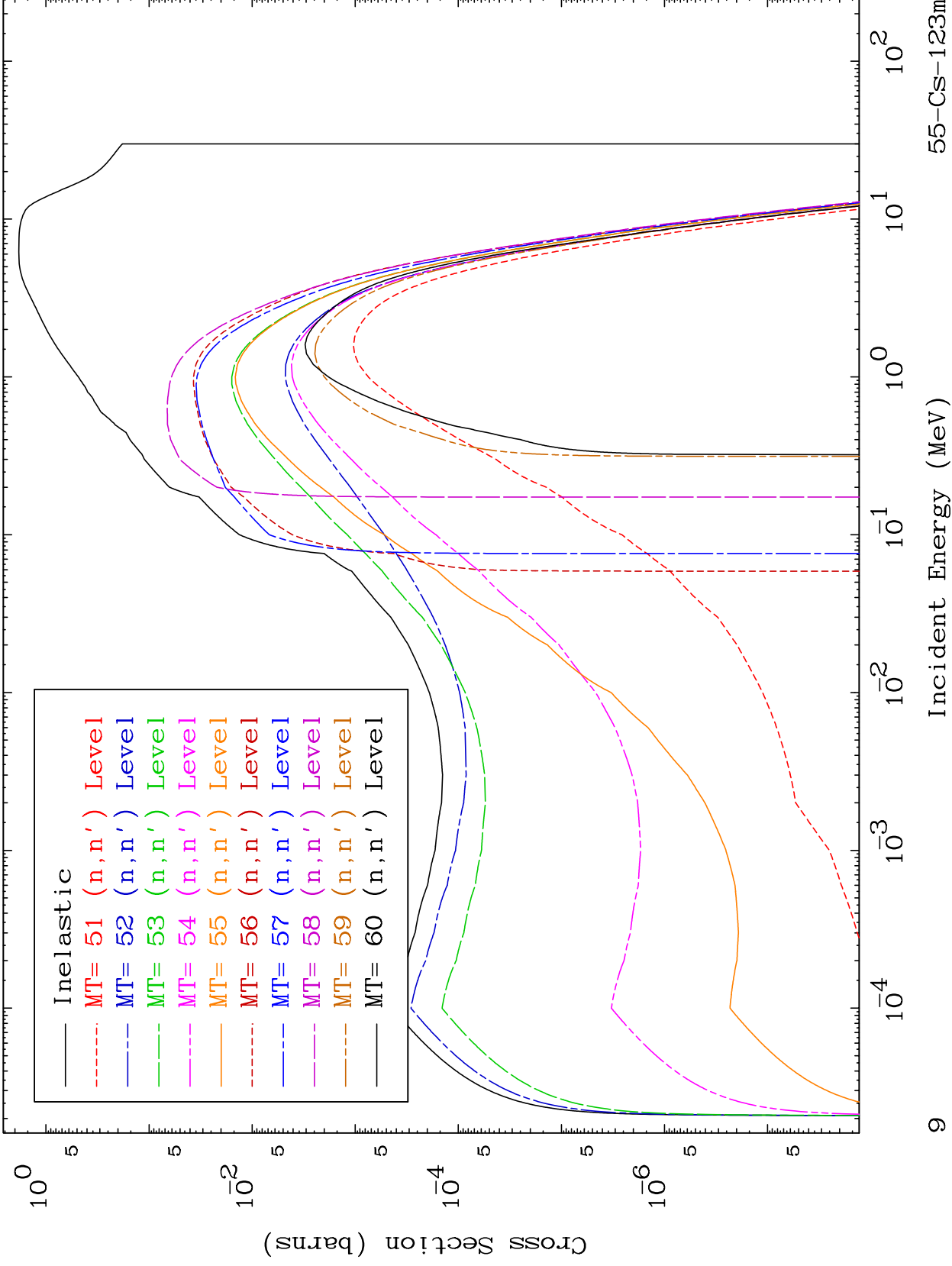
55-Cs-123m



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(n,n') Levels
293 Kelvin Cross Sections

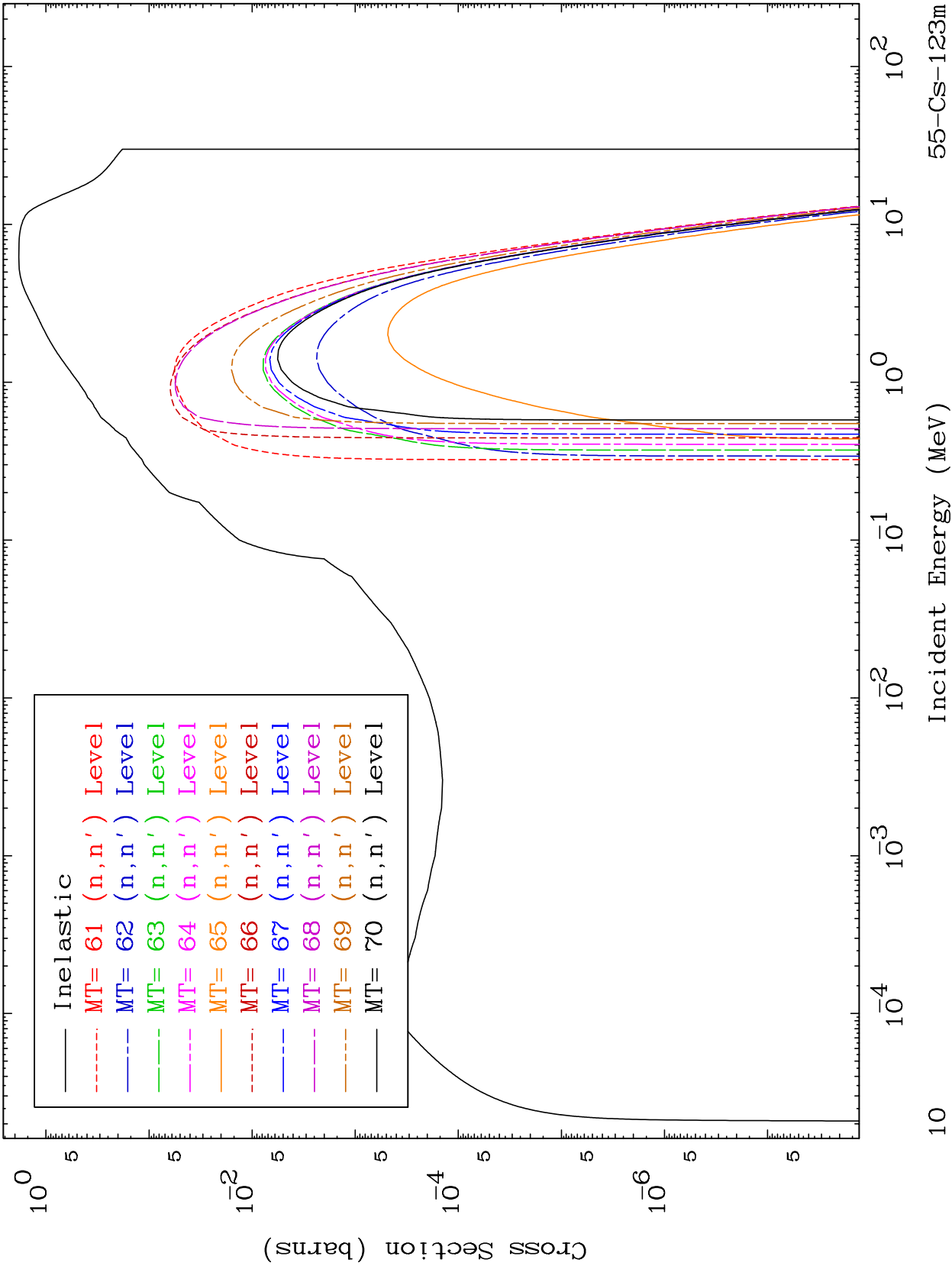
55-Cs-123m



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(n,n') Levels
293 Kelvin Cross Sections

55-Cs-123m



55-Cs-123m

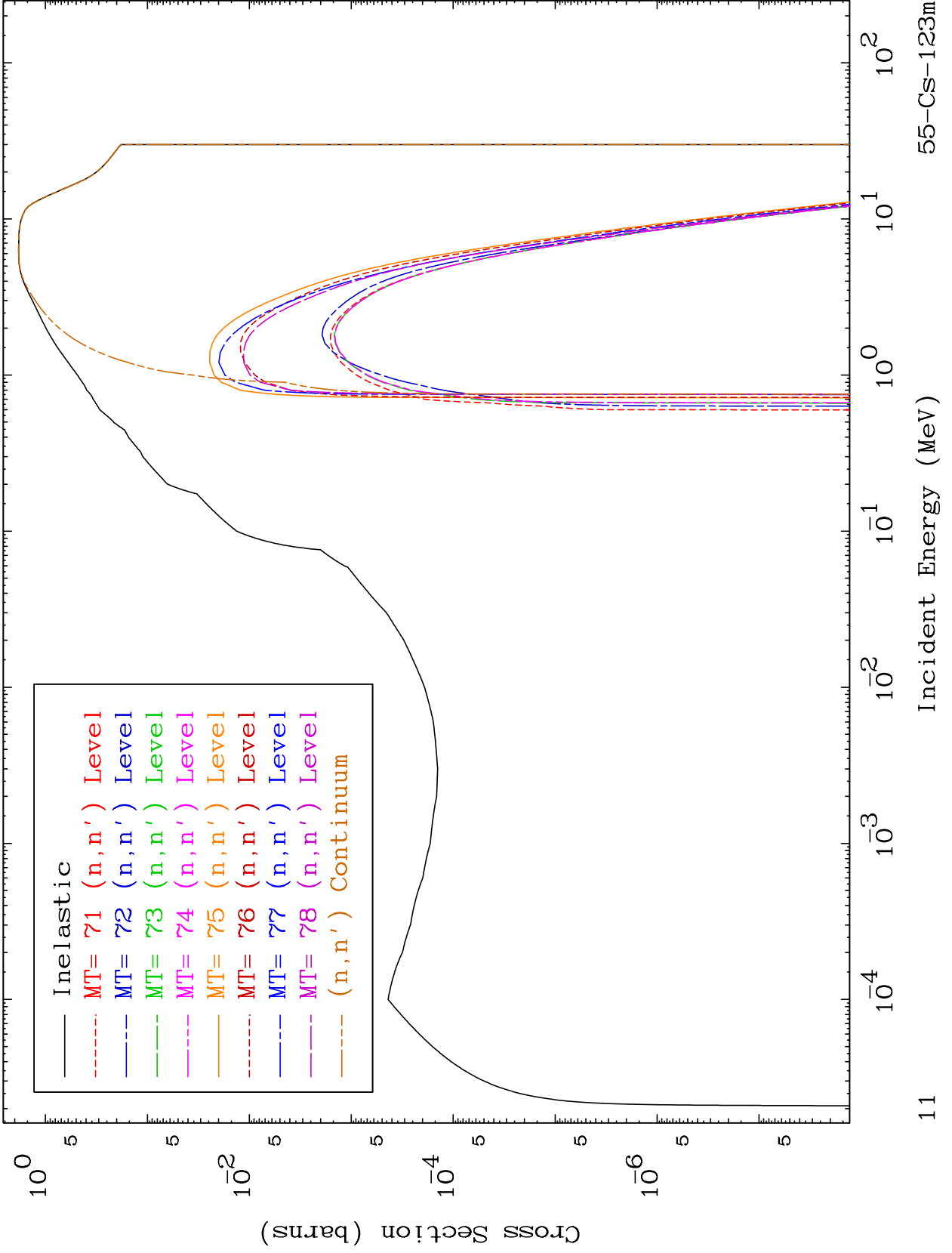
Incident Energy (MeV)

10

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(n,n') Levels
293 Kelvin Cross Sections

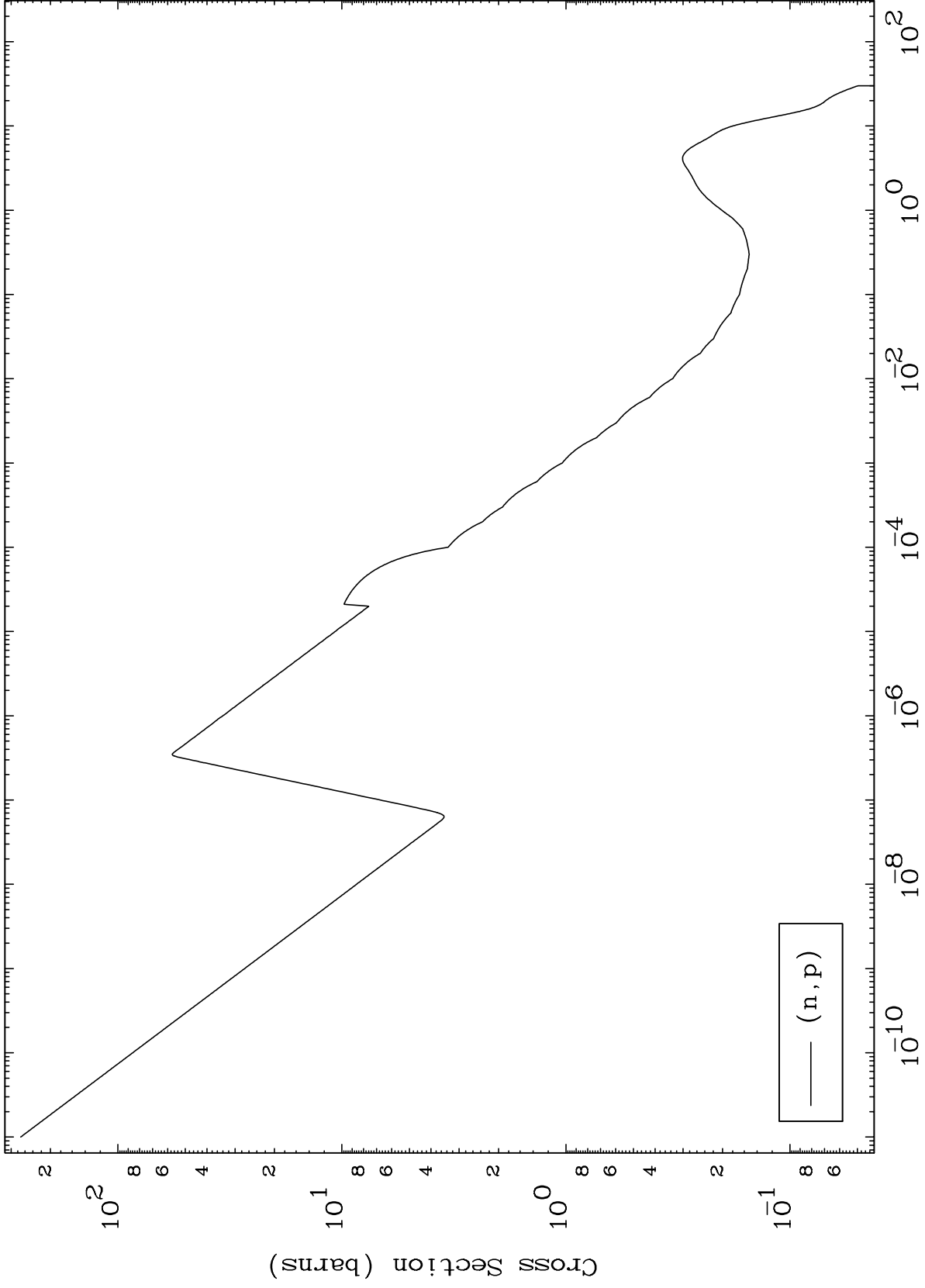
55-Cs-123m



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(n,p) Levels
293 Kelvin Cross Sections

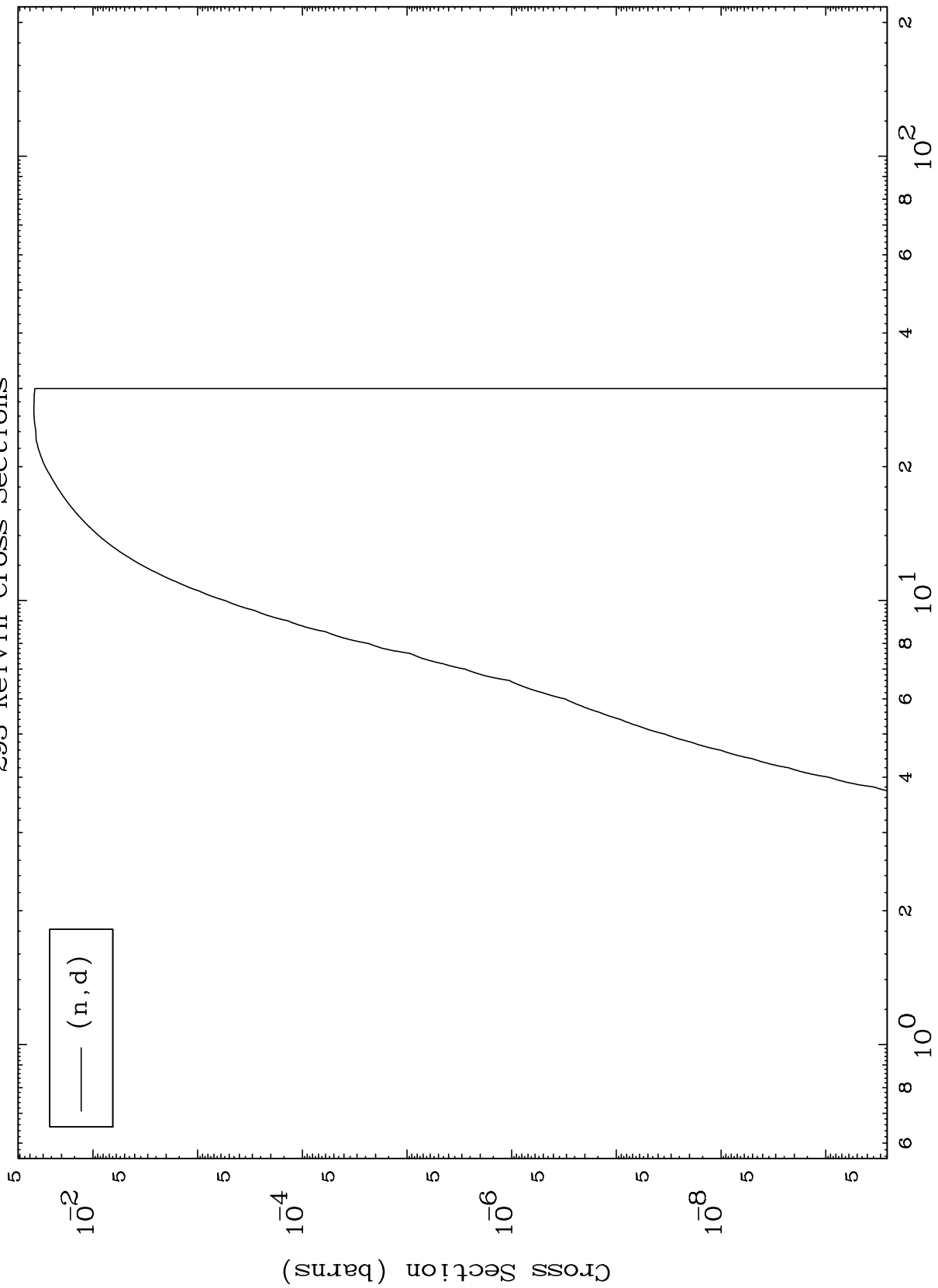
55-Cs-123m



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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-123m



13

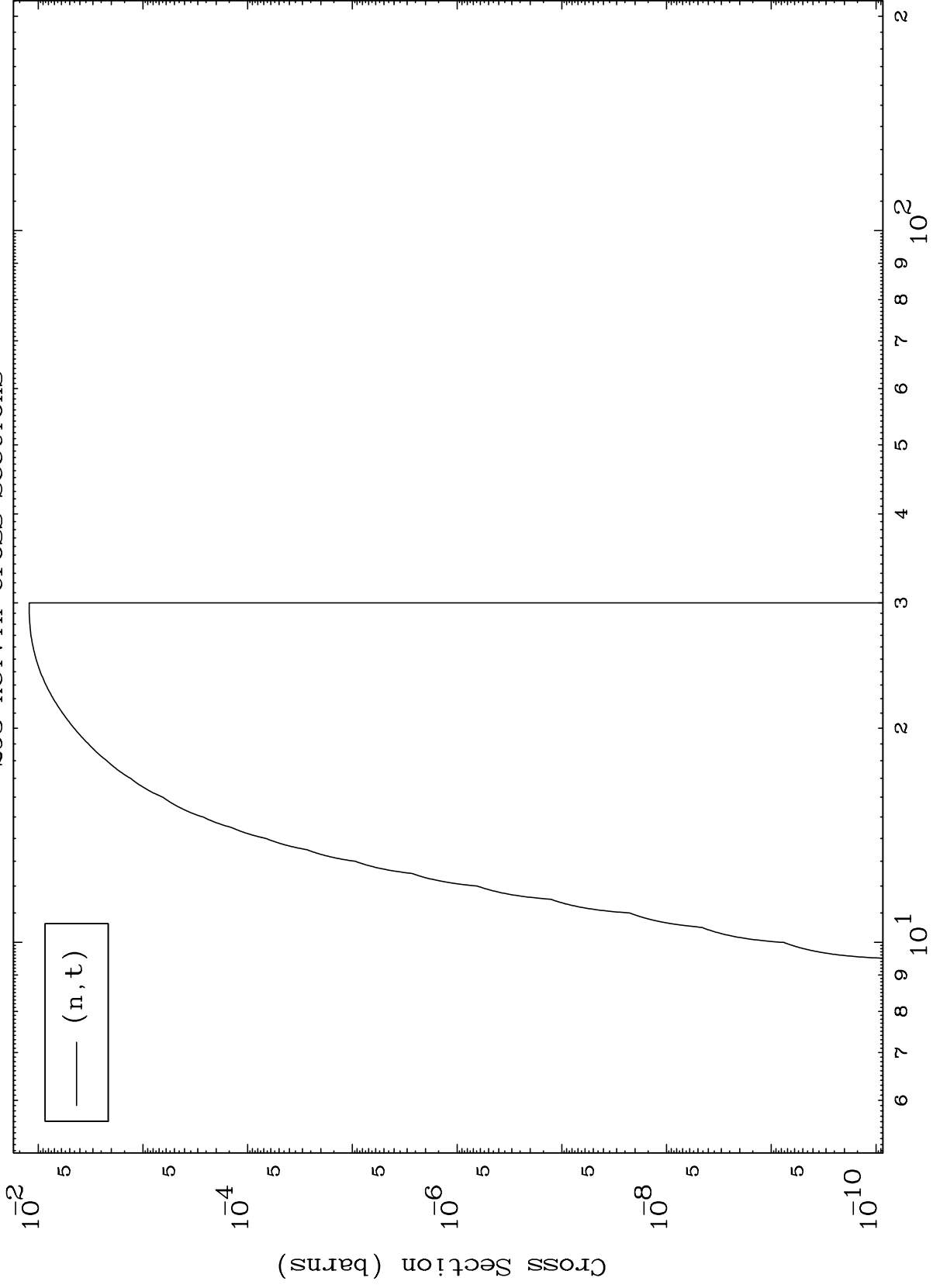
Incident Energy (MeV)

55-Cs-123m

MAT 5496

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-123m



14

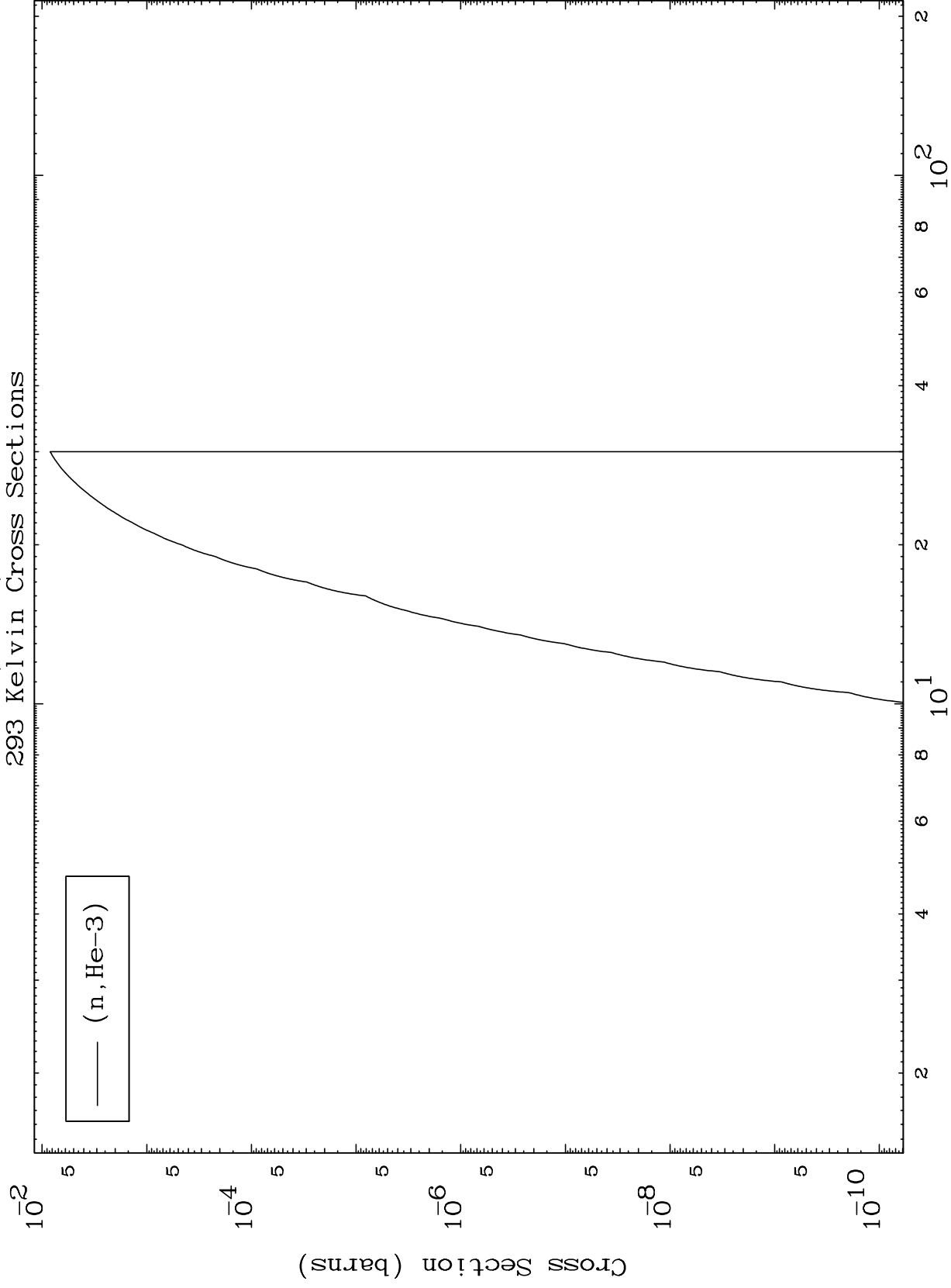
Incident Energy (MeV)

55-Cs-123m

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(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-123m



15

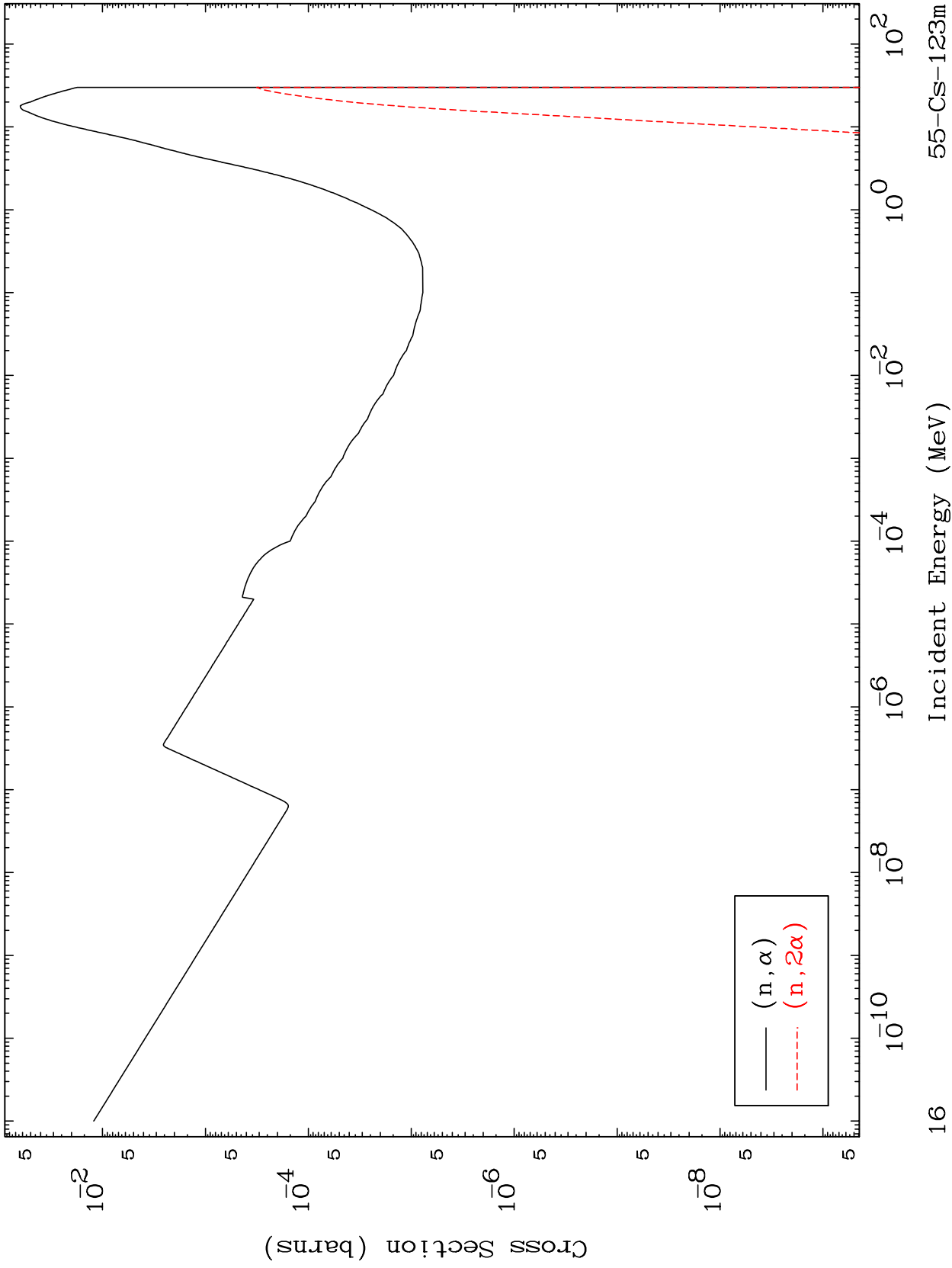
Incident Energy (MeV)

55-Cs-123m

MAT 5496

(n,α) Levels
293 Kelvin Cross Sections

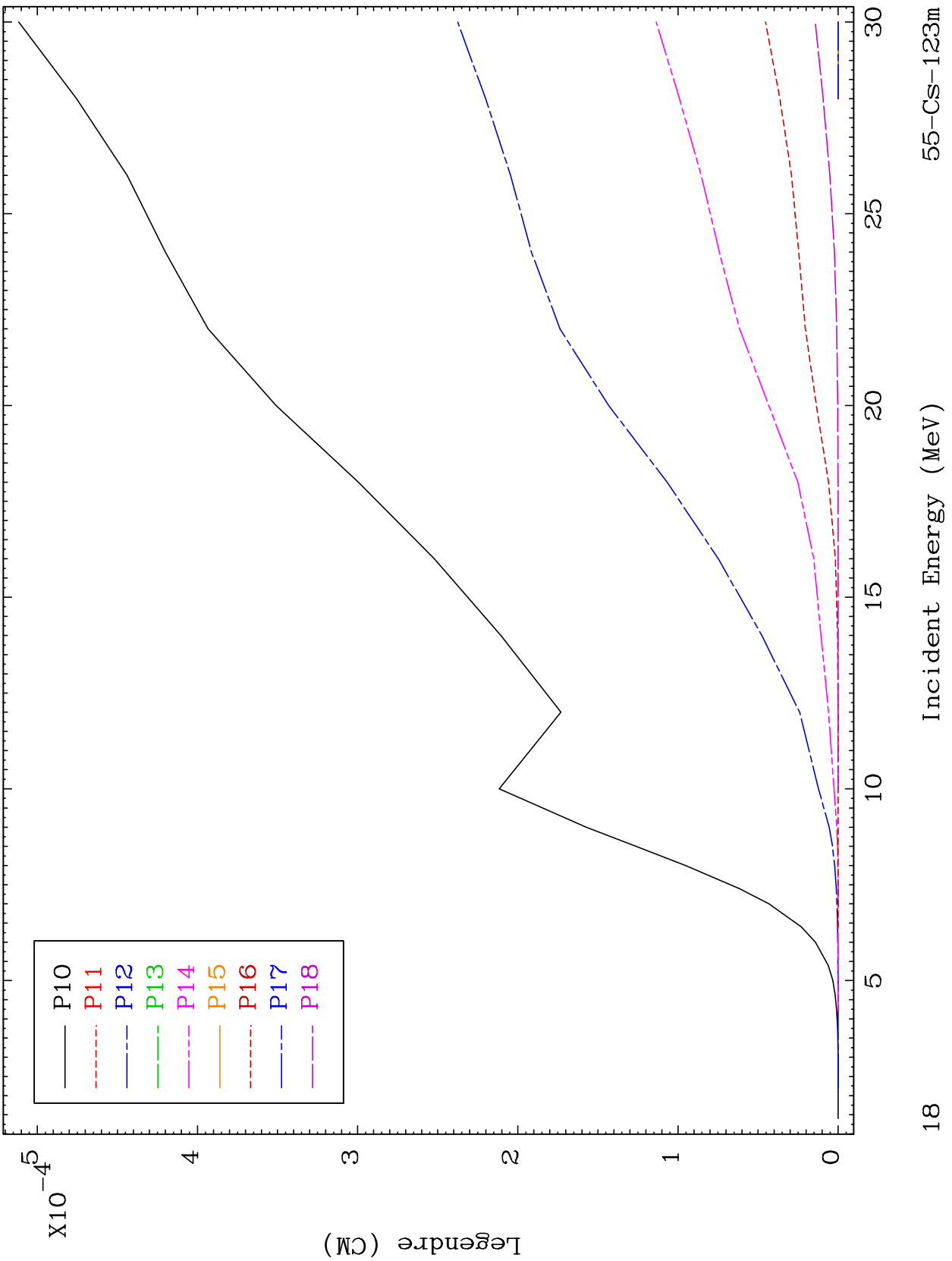
55-Cs-123m



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Elastic Legendre Coefficients

55-Cs-123m



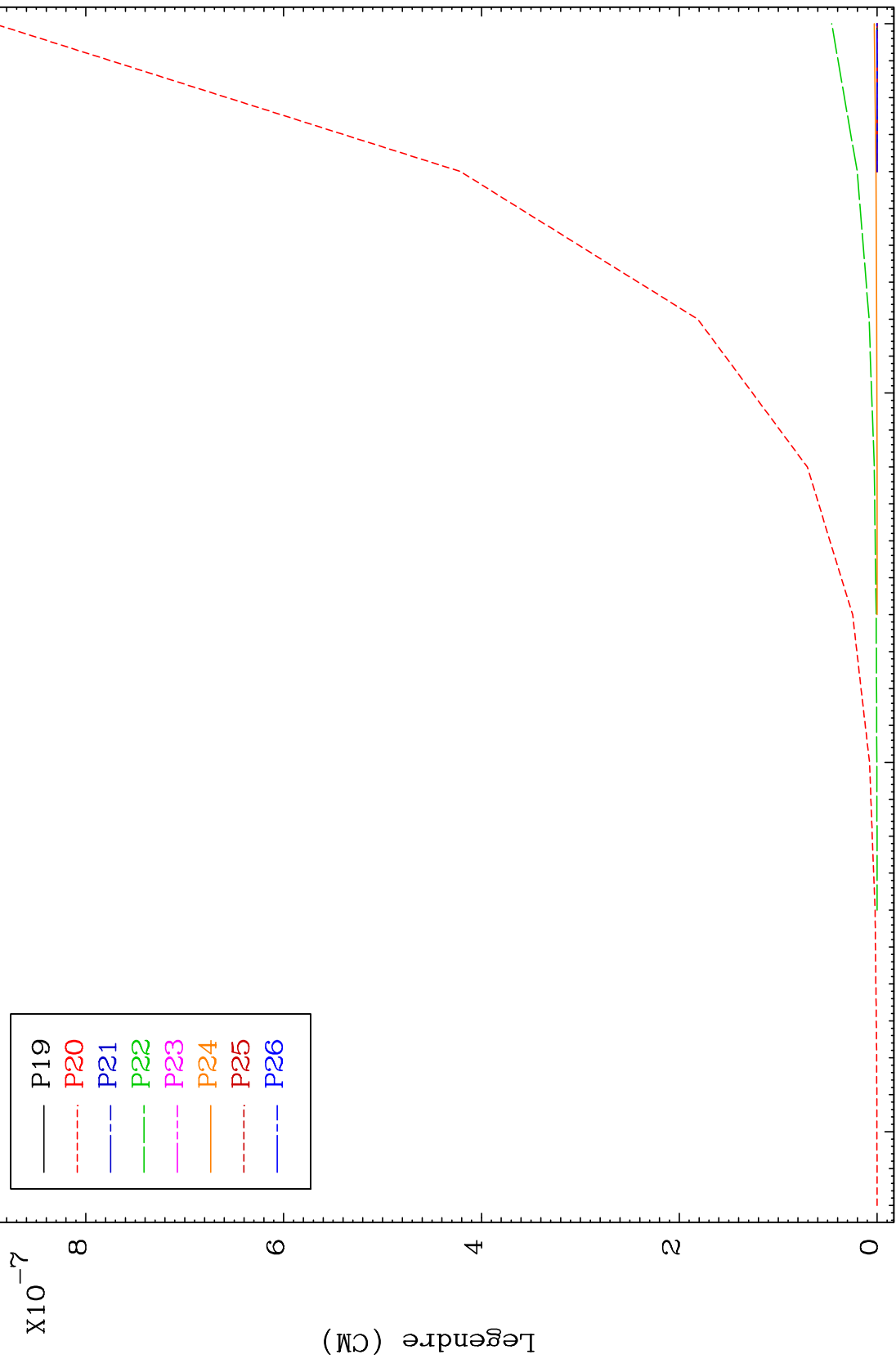
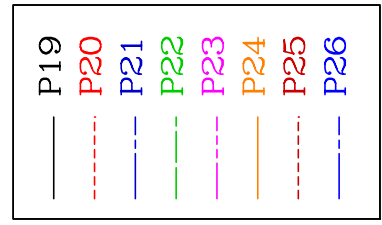
18

55-Cs-123m

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Elastic Legendre Coefficients

55-Cs-123m



19

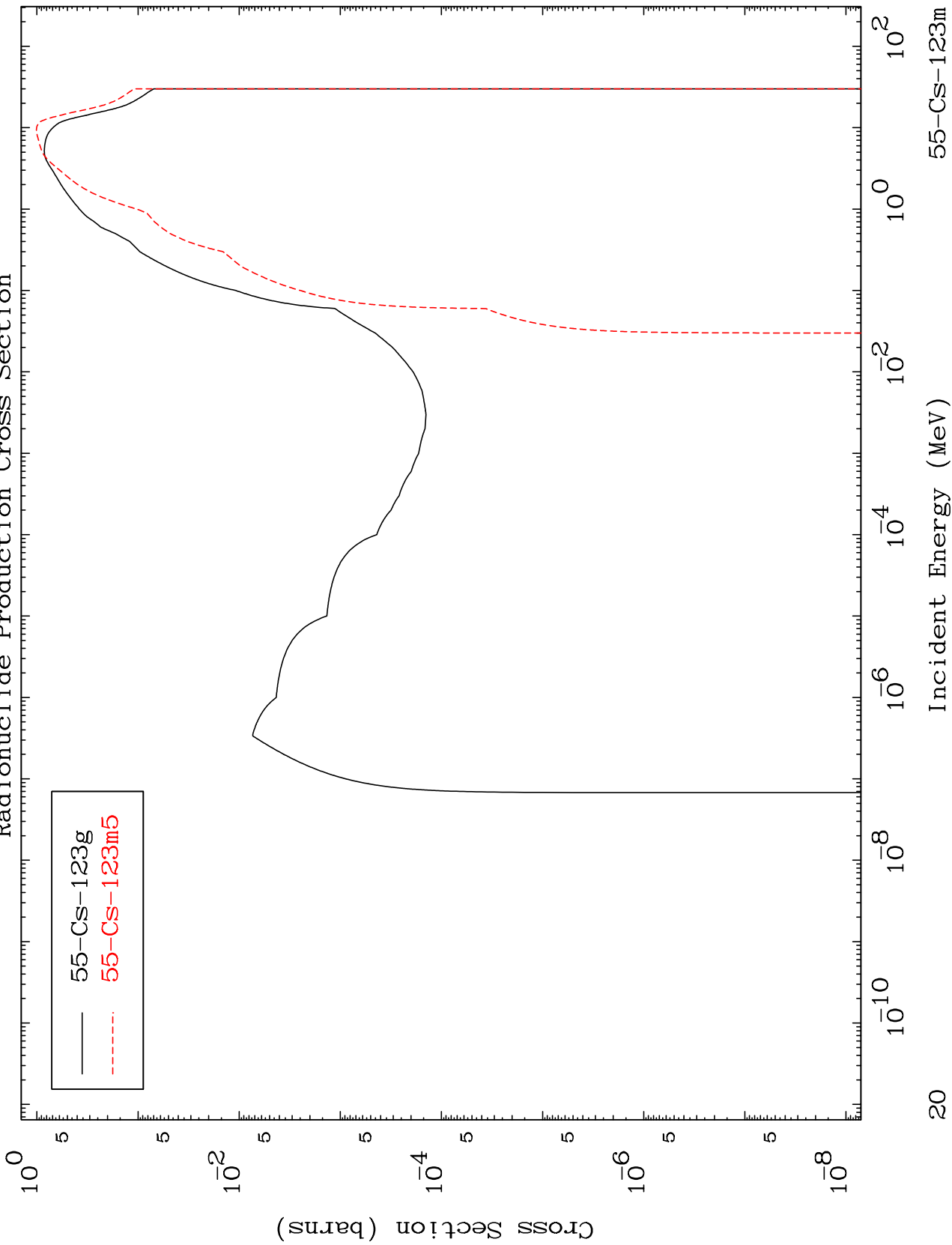
Incident Energy (MeV)

55-Cs-123m

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Inelastic
Radionuclide Production Cross Section

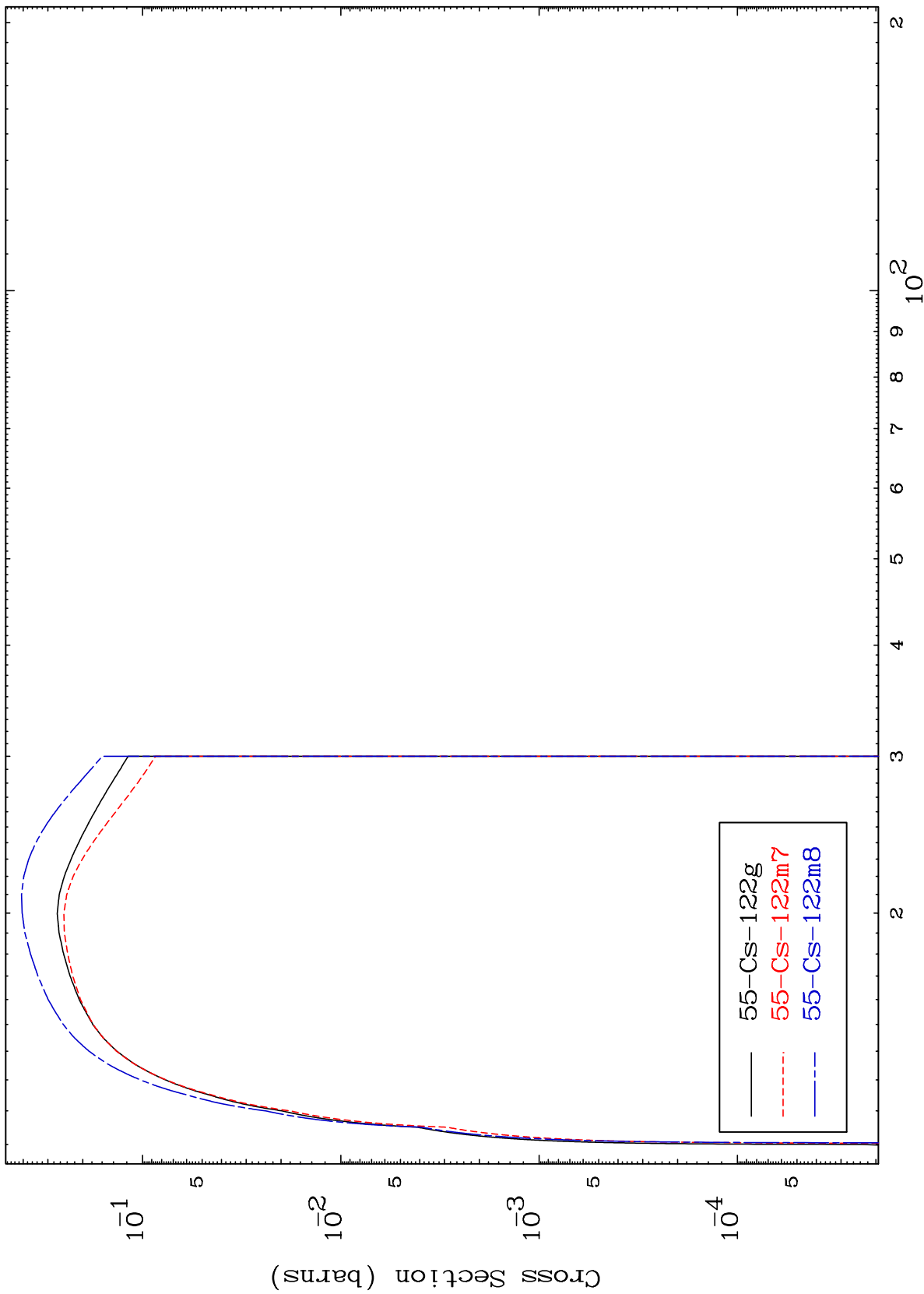
55-Cs-123m



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55-Cs-123m

Radionuclide Production Cross Section



Incident Energy (MeV)

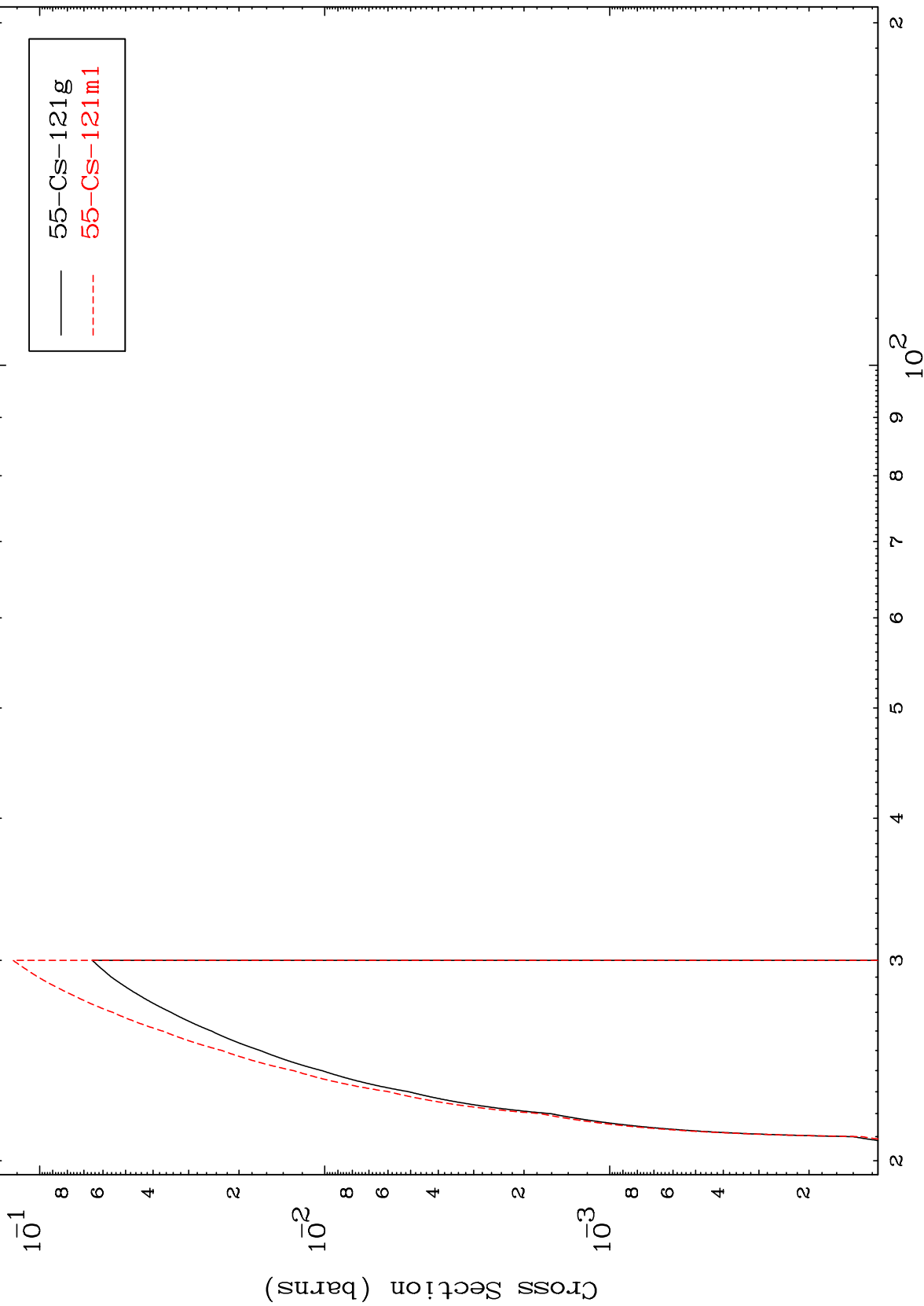
55-Cs-123m

21

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55-Cs-123m

(n,3n)
Radionuclide Production Cross Section



55-Cs-123m

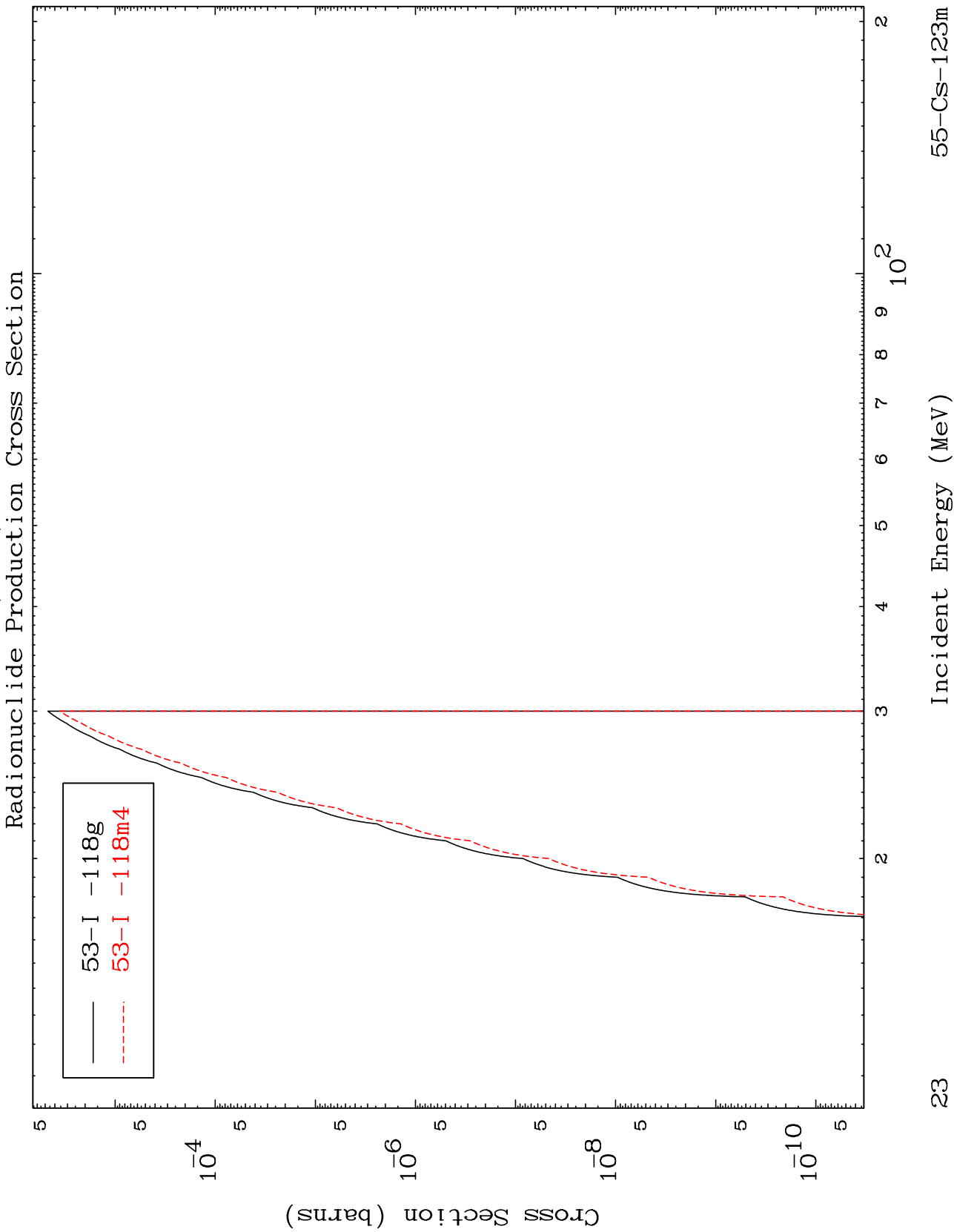
Incident Energy (MeV)

22

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(n,2n) α

55-Cs-123m

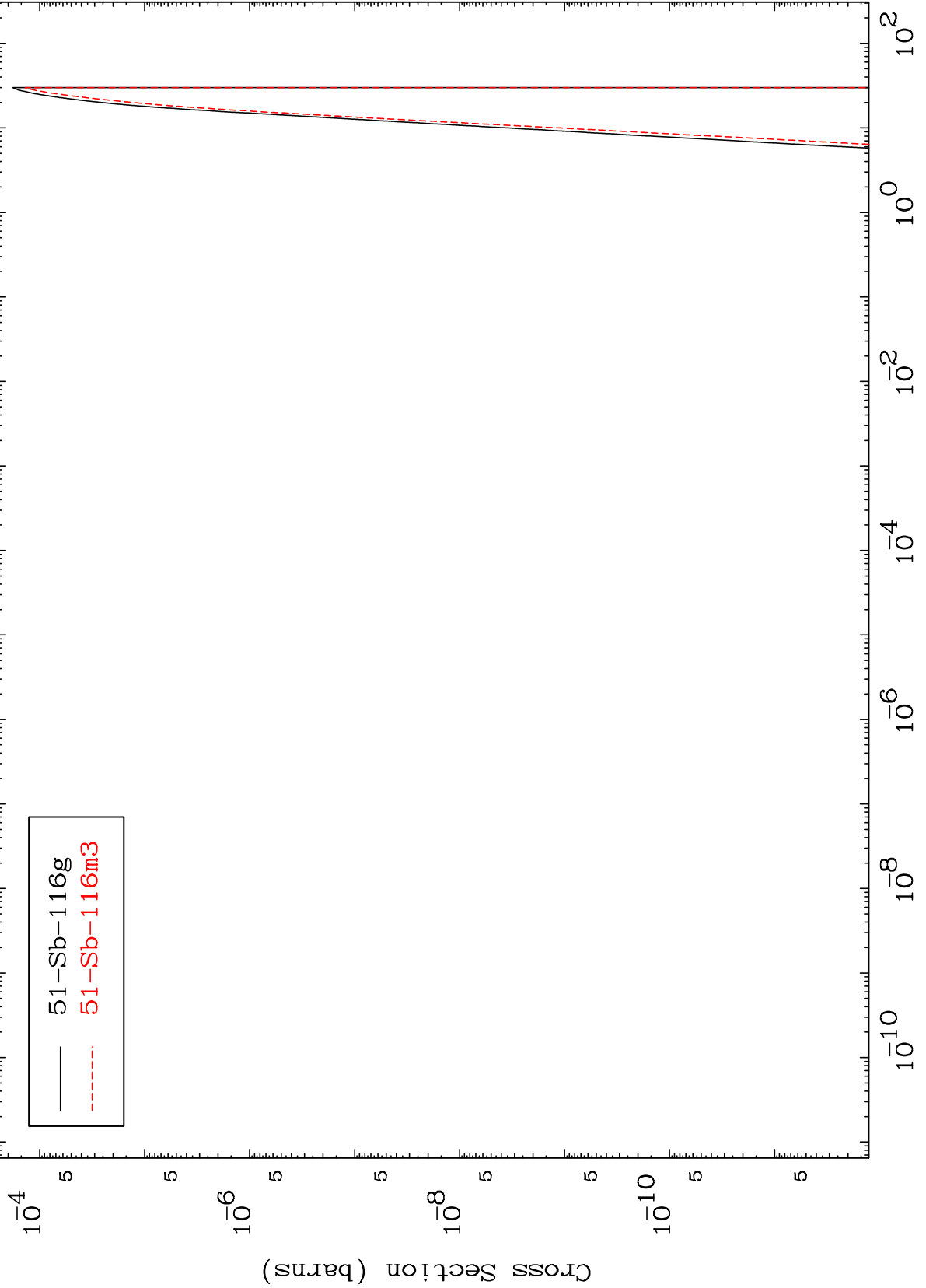


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(n,2α)

55-Cs-123m

Radionuclide Production Cross Section



MAT 5496

(n,p) α

55-Cs-123m

Radionuclide Production Cross Section

