

Program EVALPLOT
(Version 2021-1)

by

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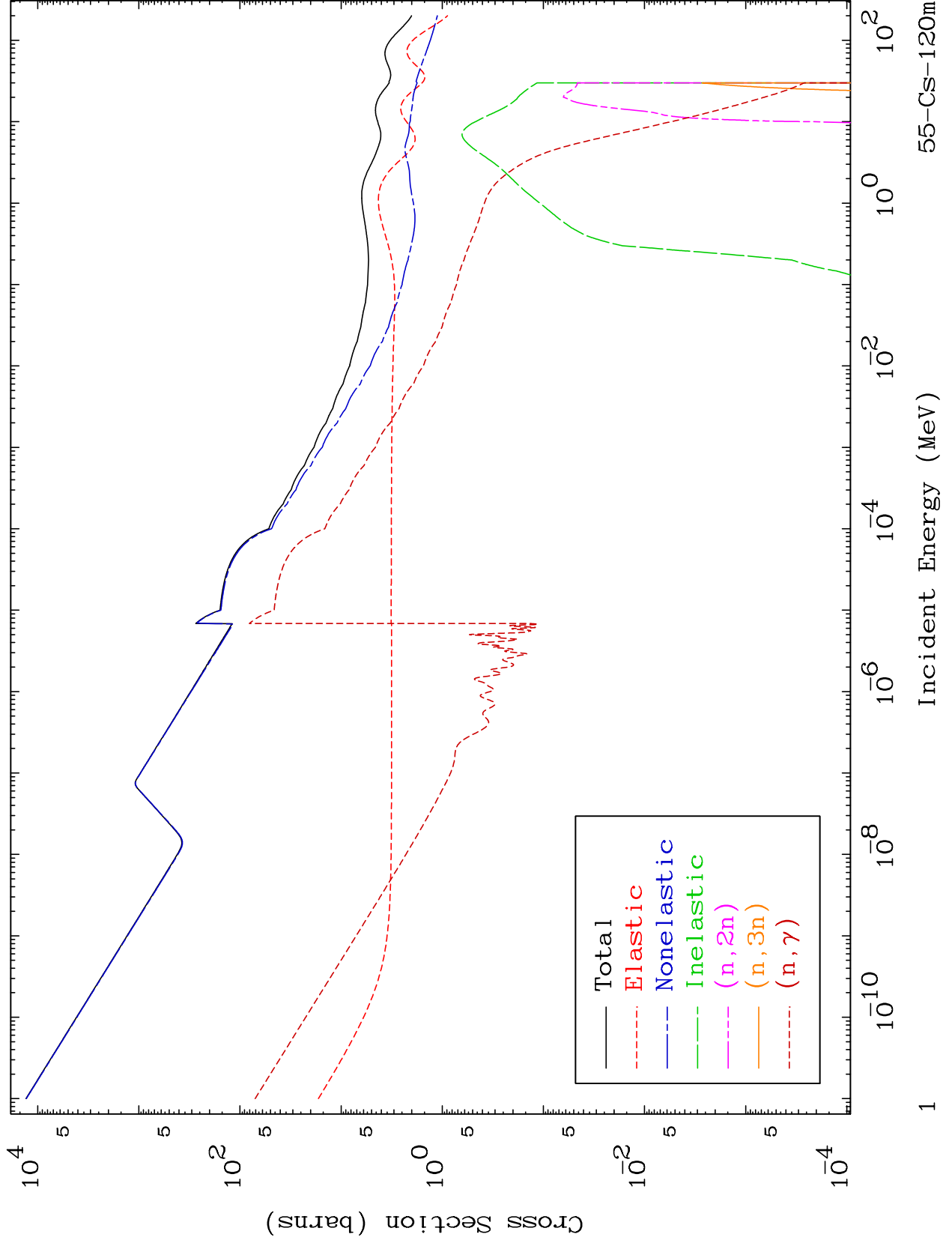
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5487

Neutron Major
293 Kelvin Cross Sections

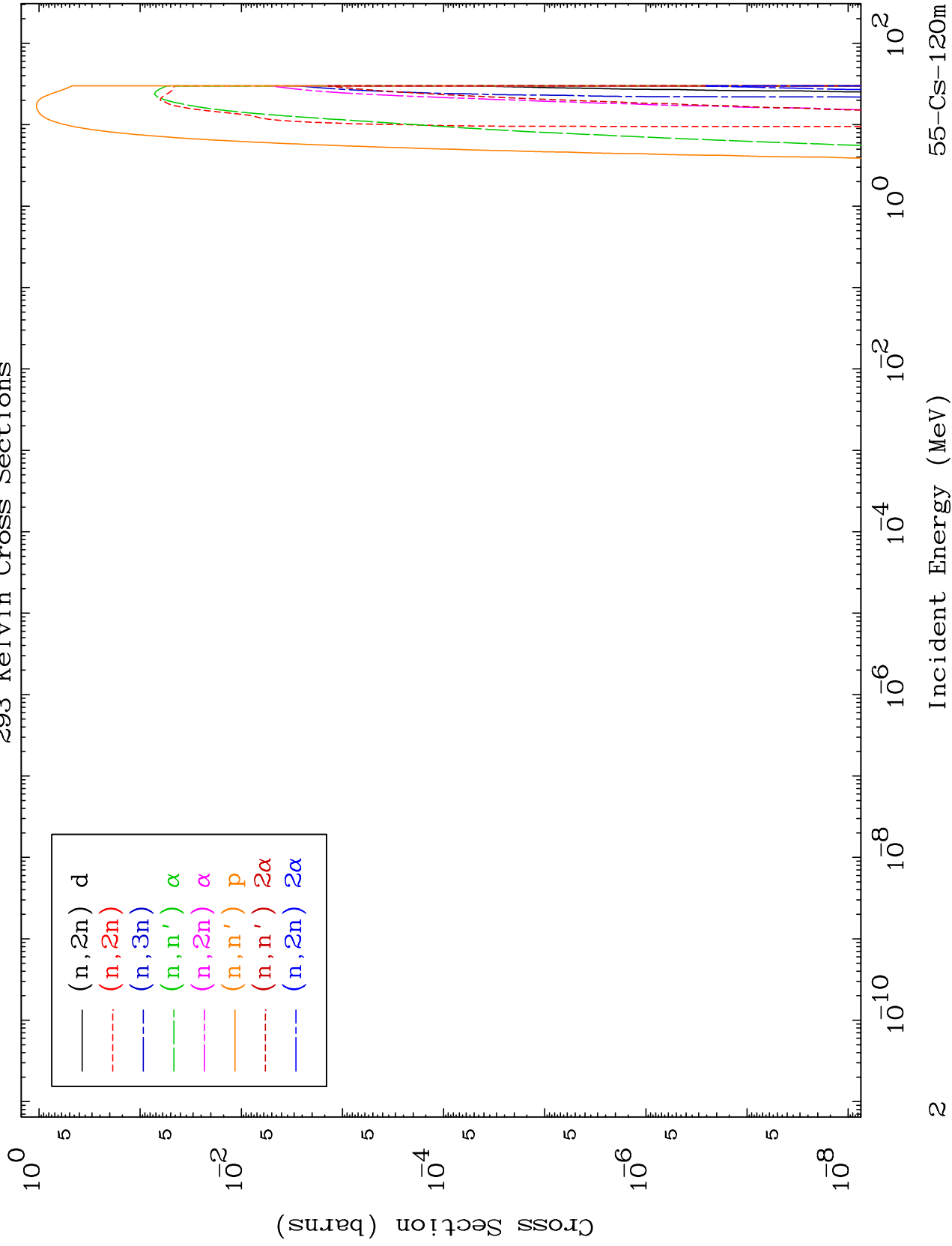
55-Cs-120m



MAT 5487

Neutron Absorption
293 Kelvin Cross Sections

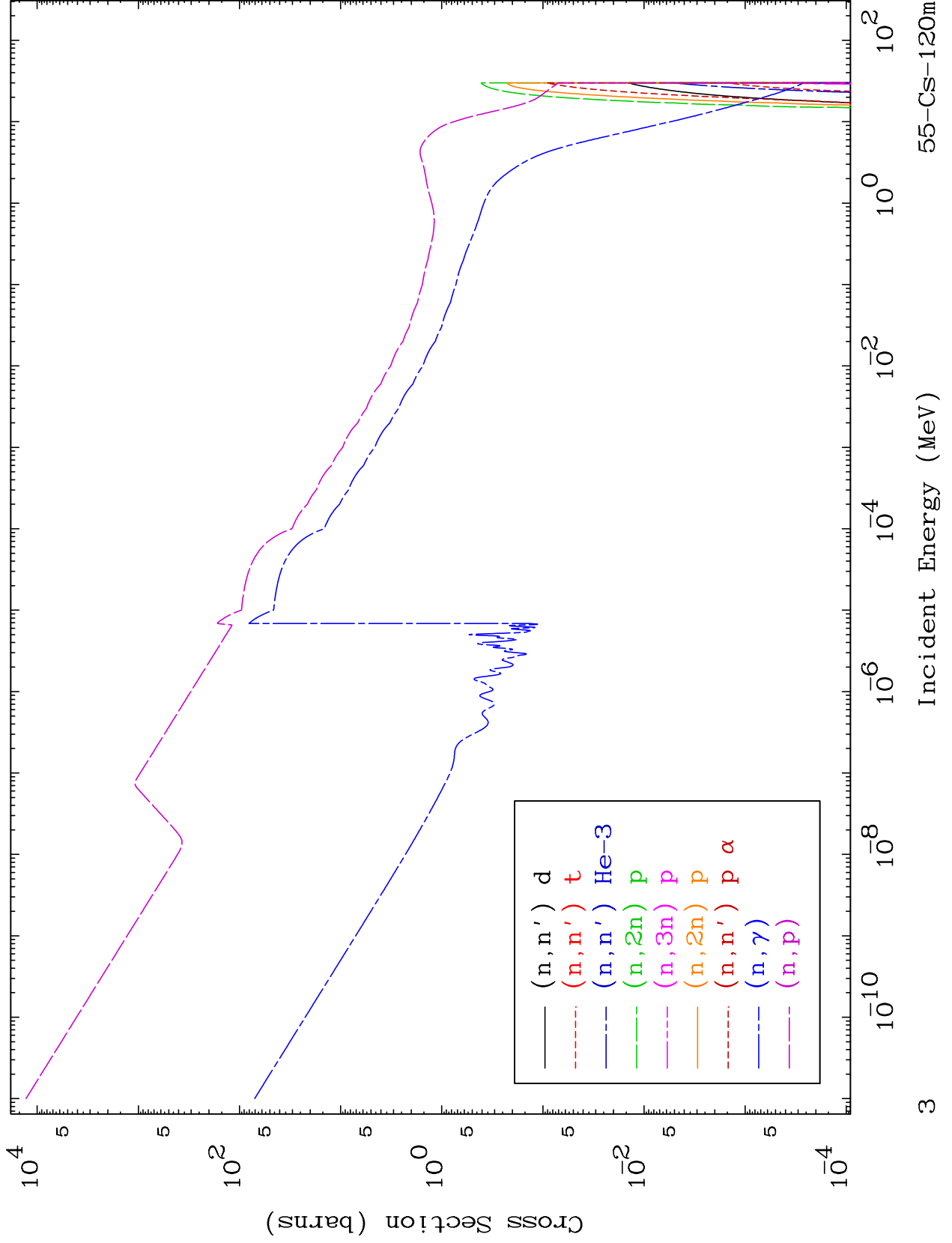
55-Cs-120m



MAT 5487

Neutron Absorption
293 Kelvin Cross Sections

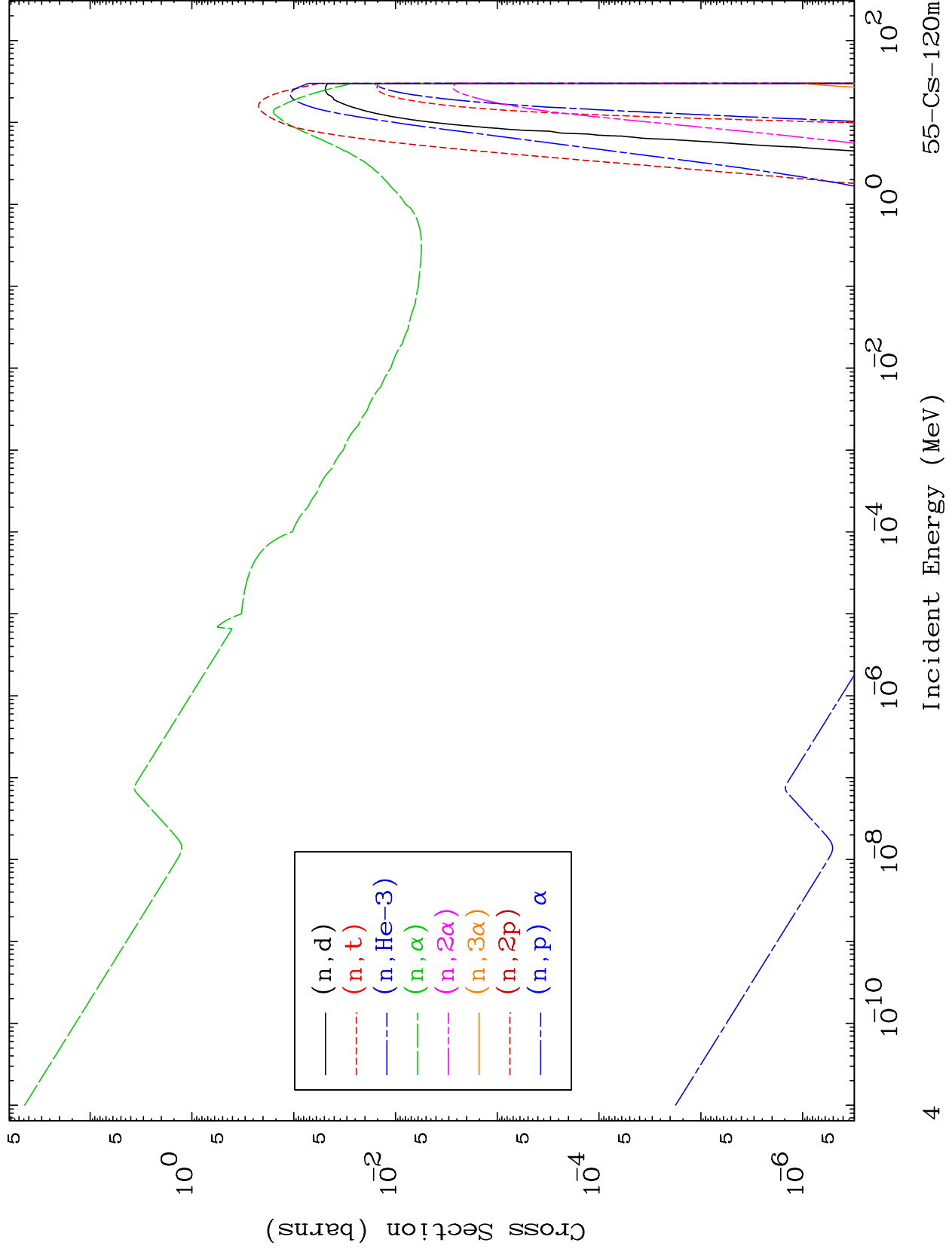
55-Cs-120m



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Neutron Absorption
293 Kelvin Cross Sections

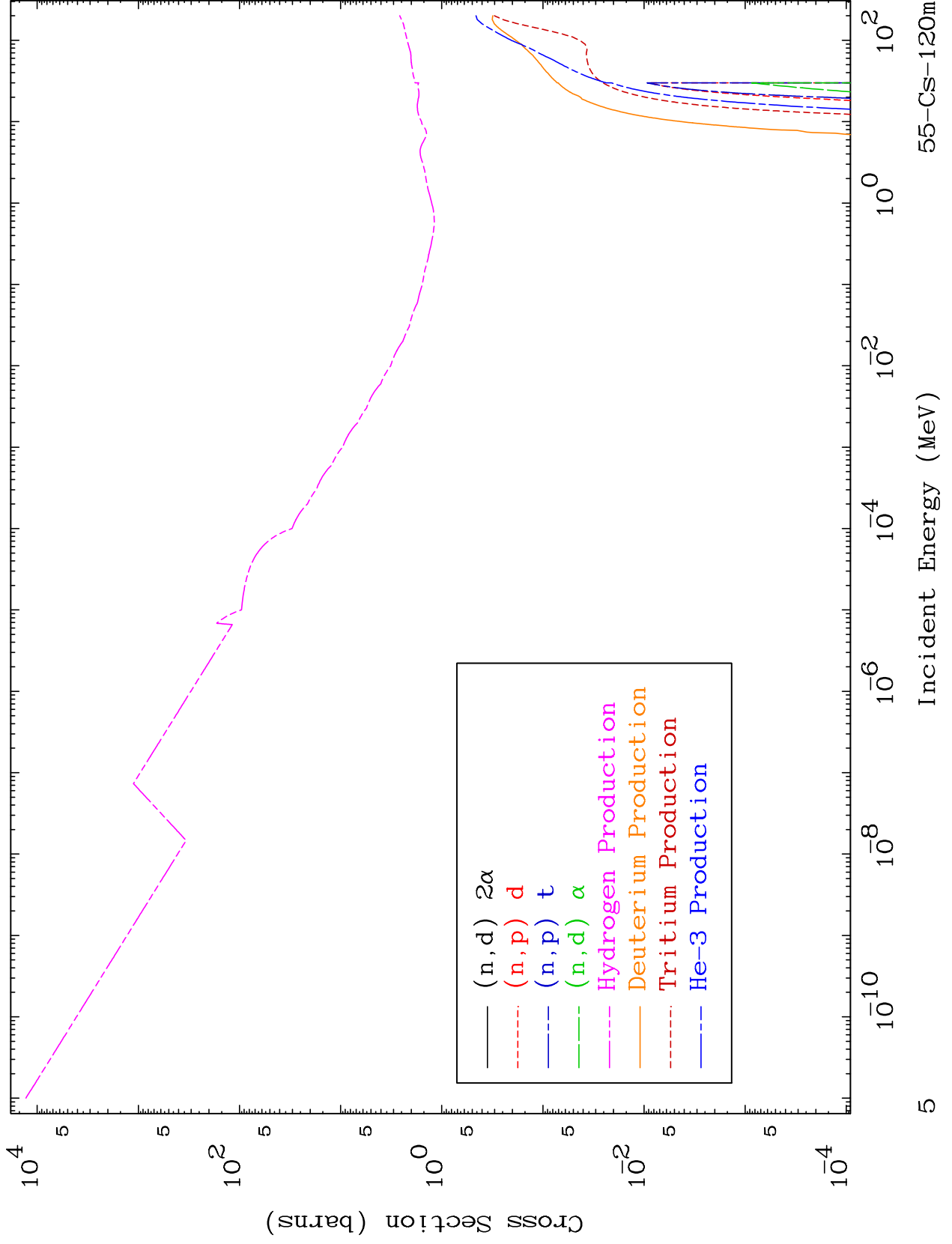
55-Cs-120m



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Neutron Absorption
293 Kelvin Cross Sections

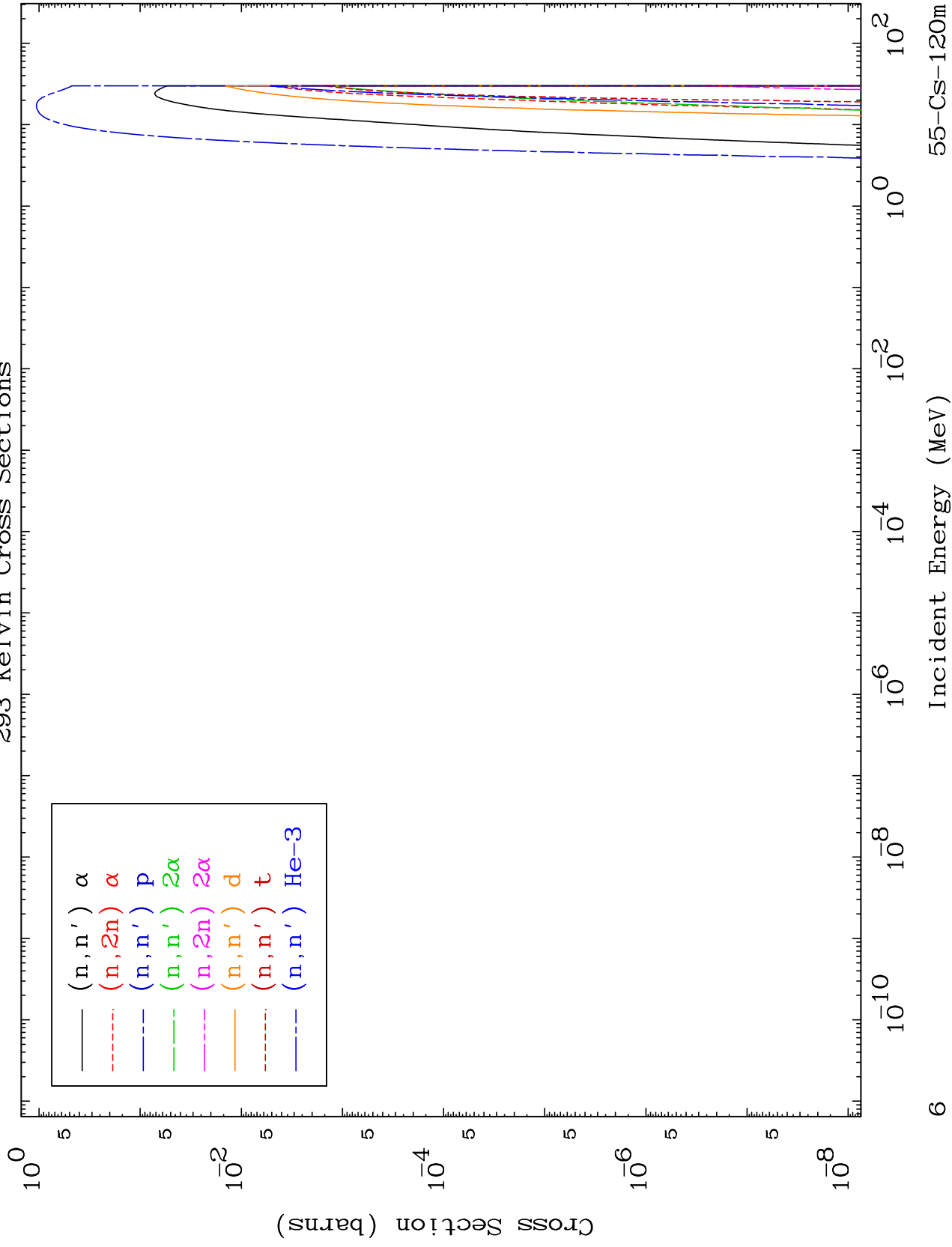
55-Cs-120m



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Charged Particle
293 Kelvin Cross Sections

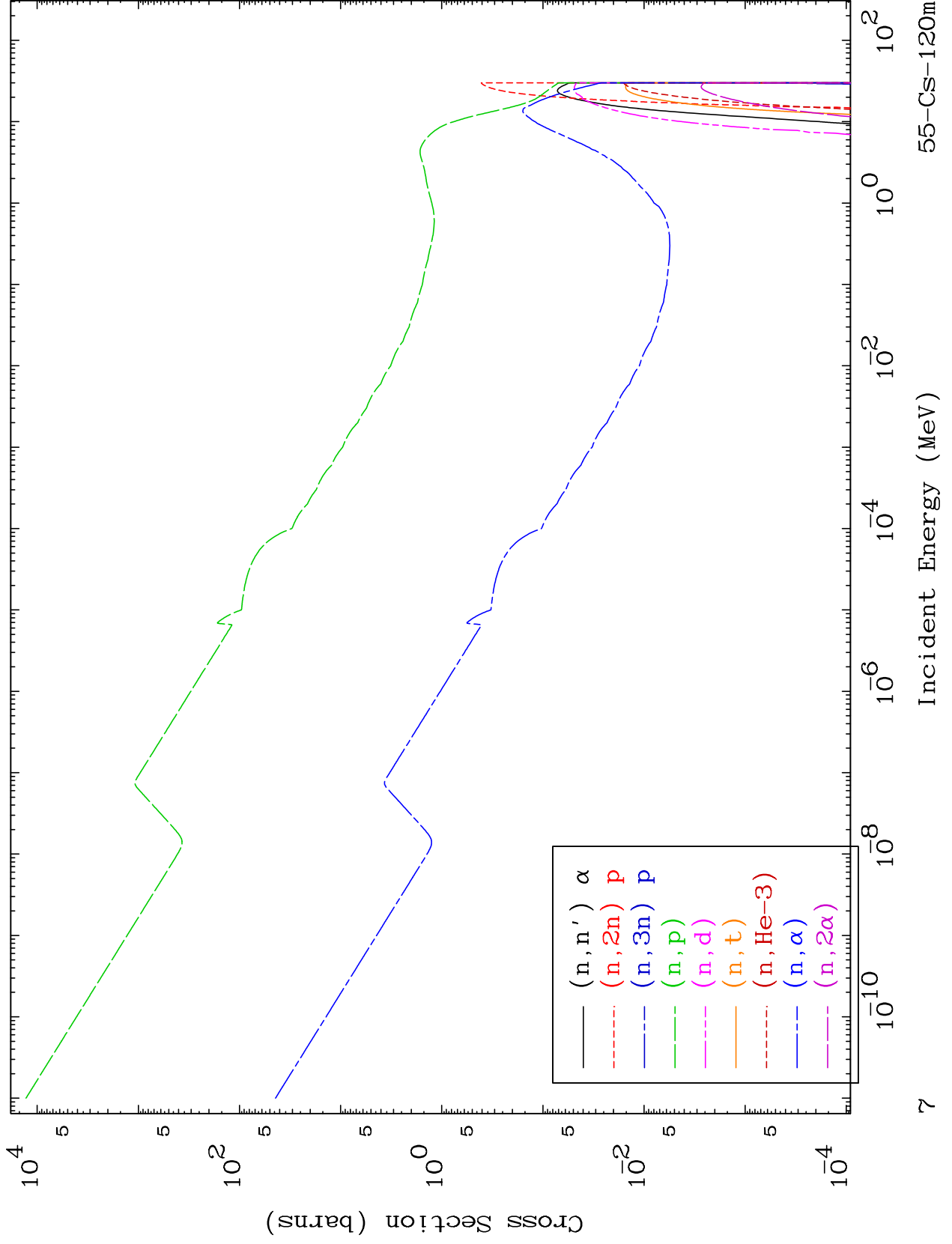
55-Cs-120m



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Charged Particle
293 Kelvin Cross Sections

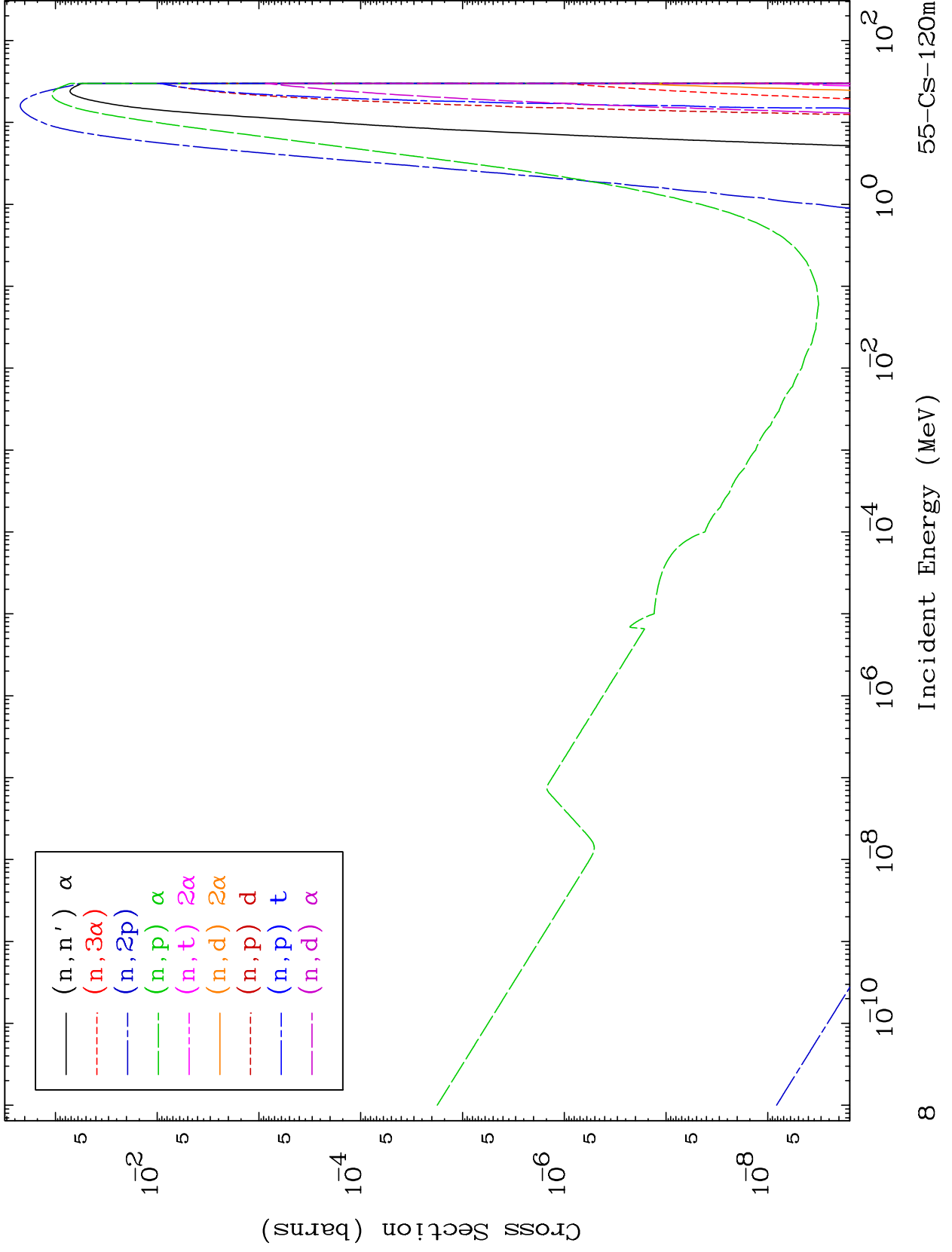
55-Cs-120m



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Charged Particle
293 Kelvin Cross Sections

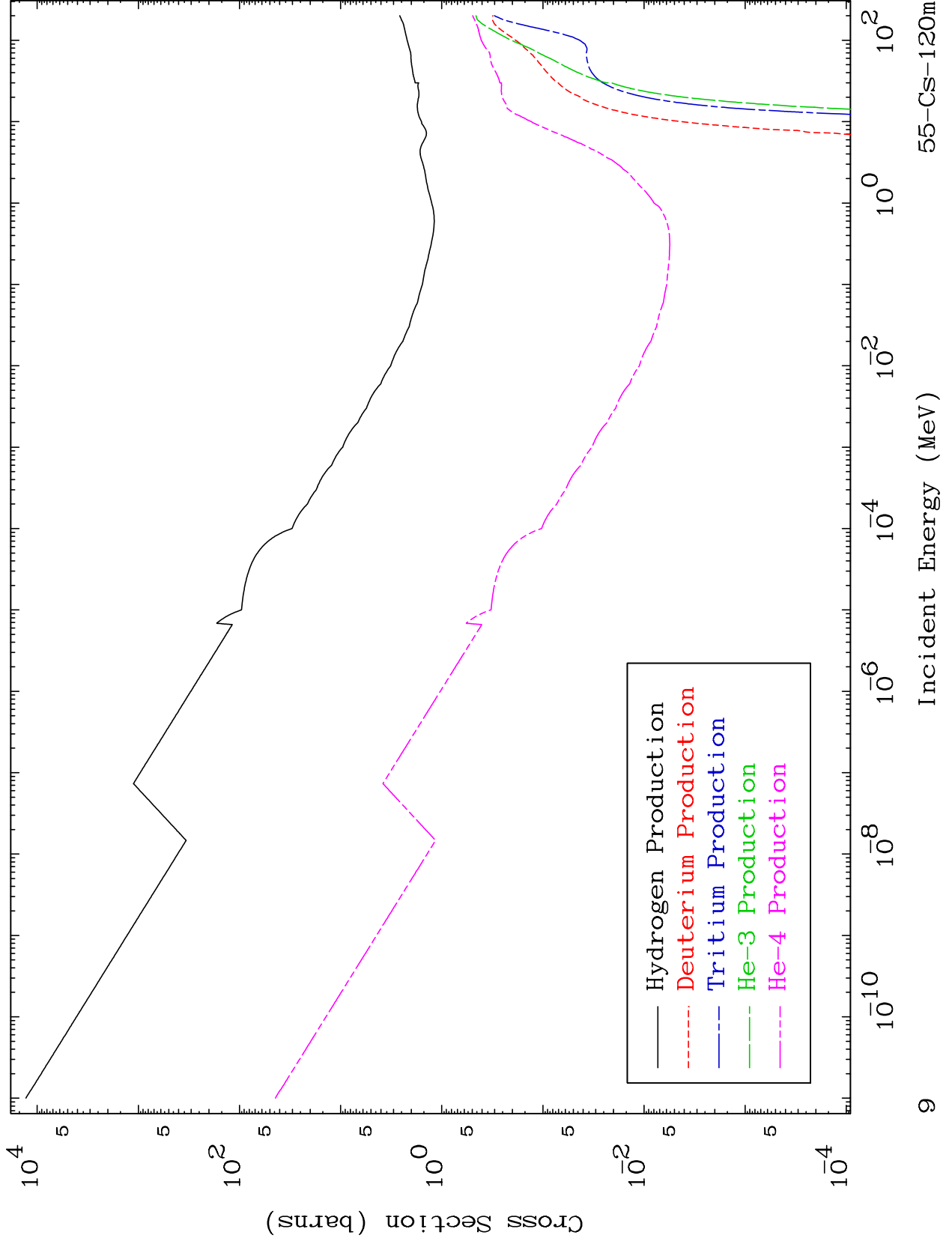
55-Cs-120m



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Particle Production
293 Kelvin Cross Sections

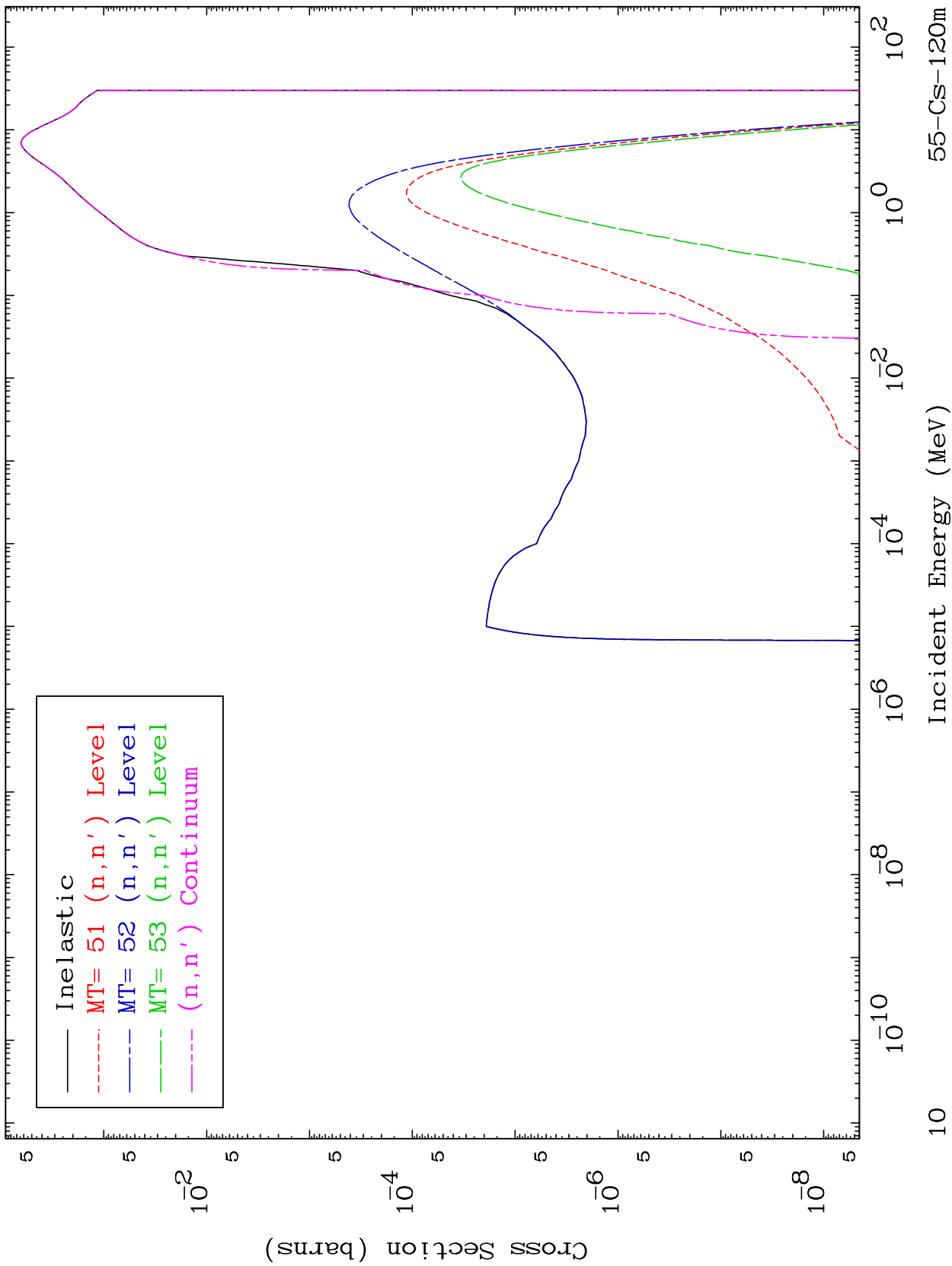
55-Cs-120m



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(n,n') Levels
293 Kelvin Cross Sections

55-Cs-120m



10

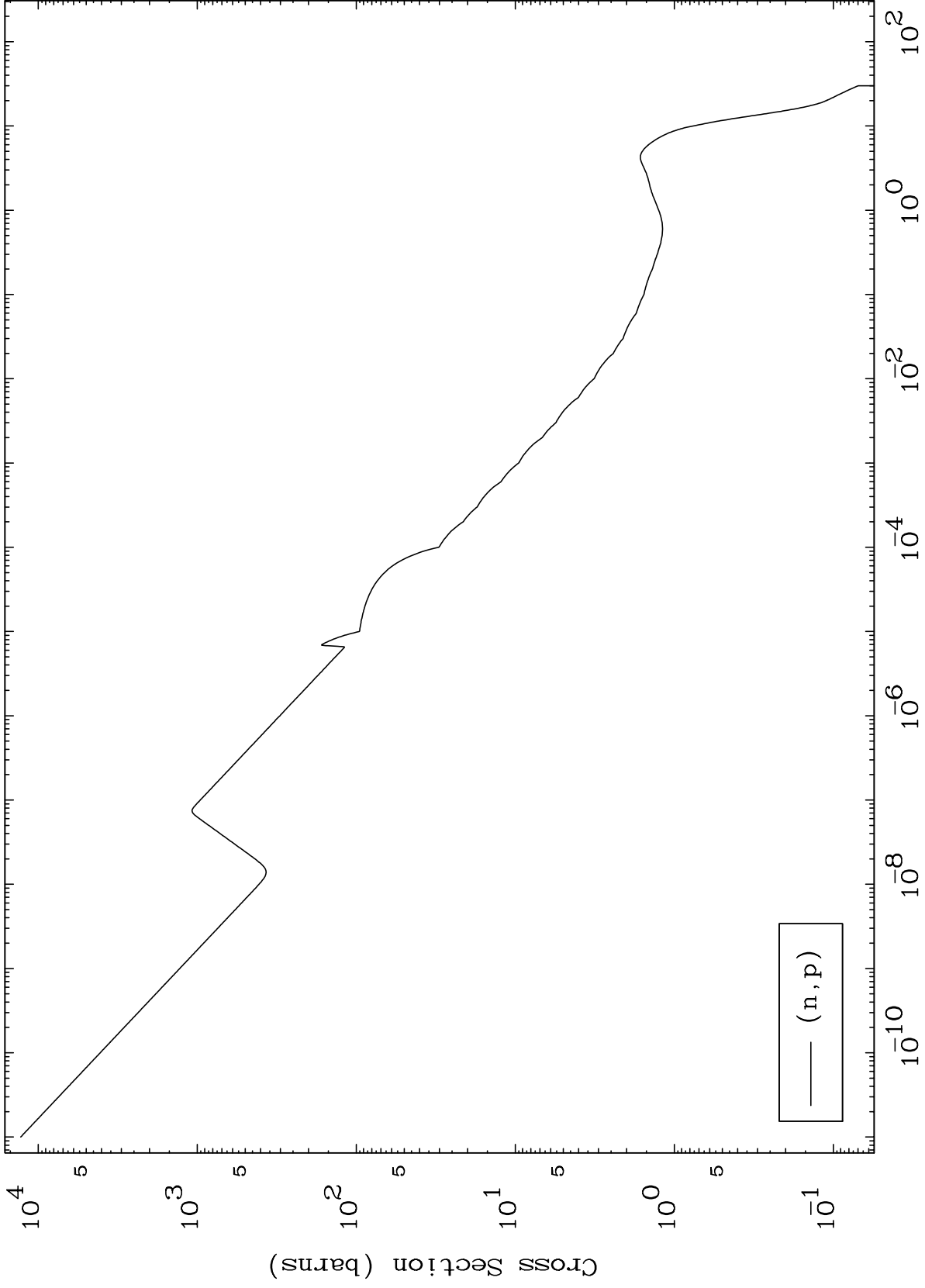
Incident Energy (MeV)

55-Cs-120m

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(n,p) Levels
293 Kelvin Cross Sections

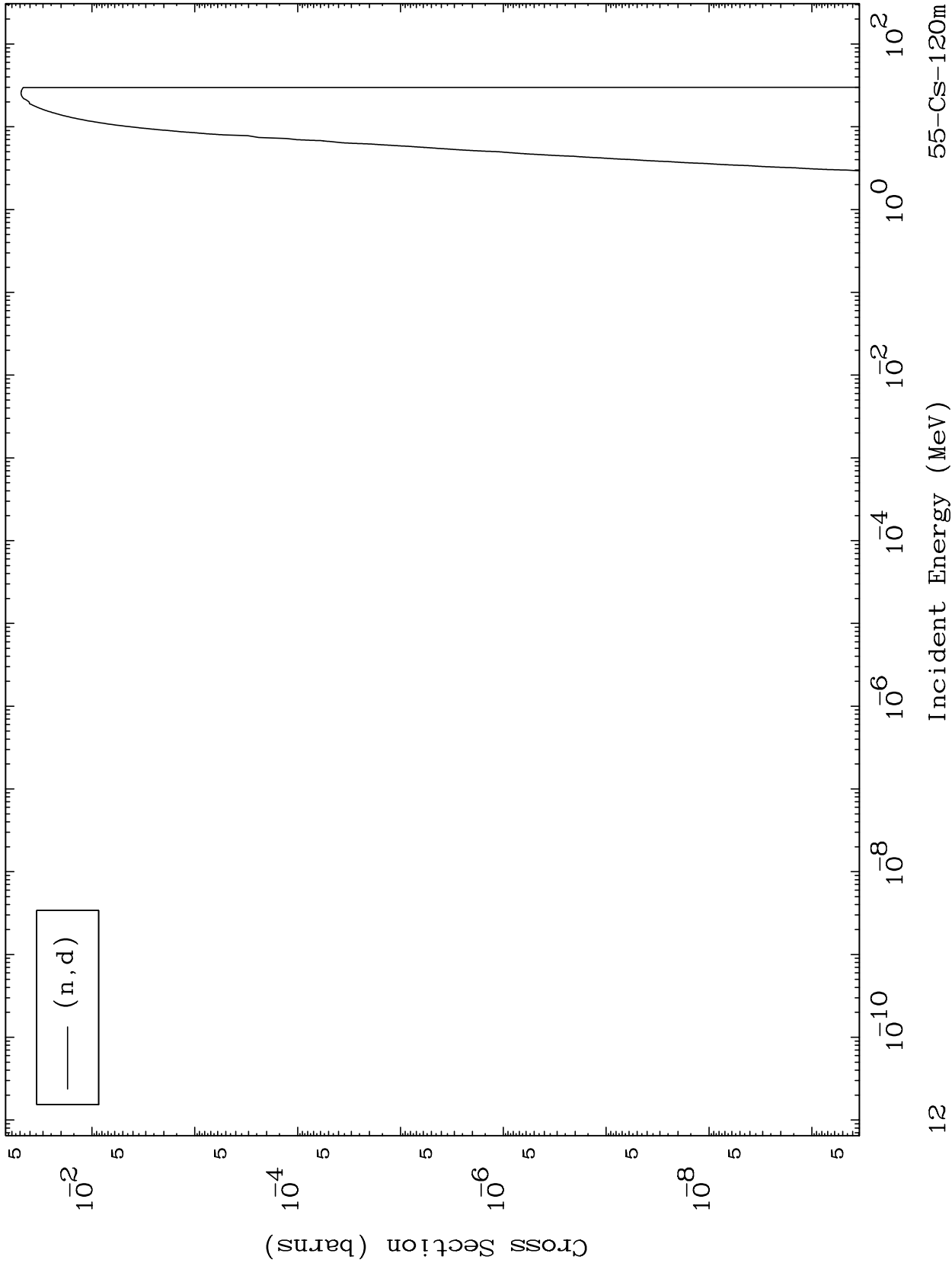
55-Cs-120m



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(n,d) Levels
293 Kelvin Cross Sections

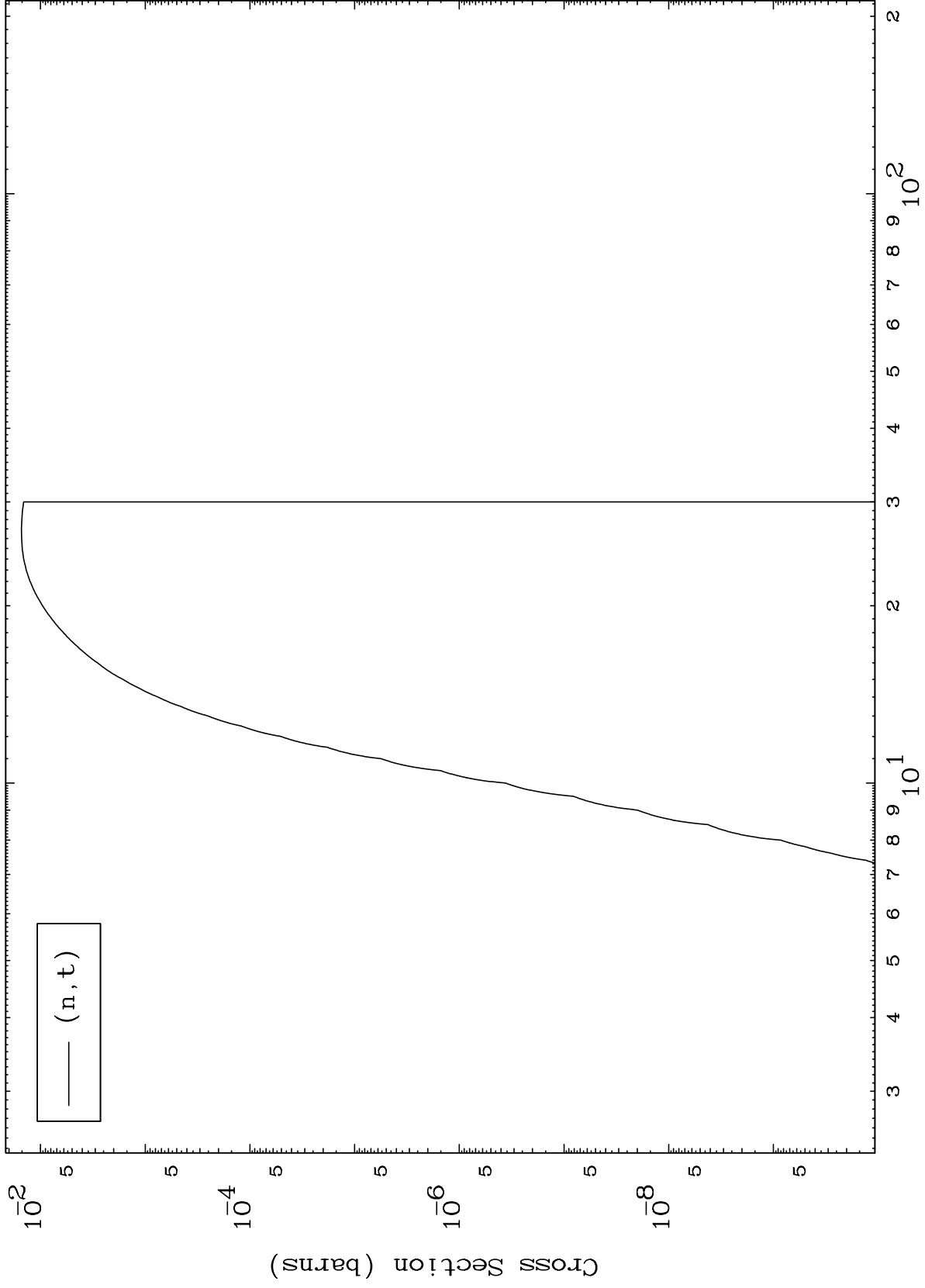
55-Cs-120m



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(n,t) Levels
293 Kelvin Cross Sections

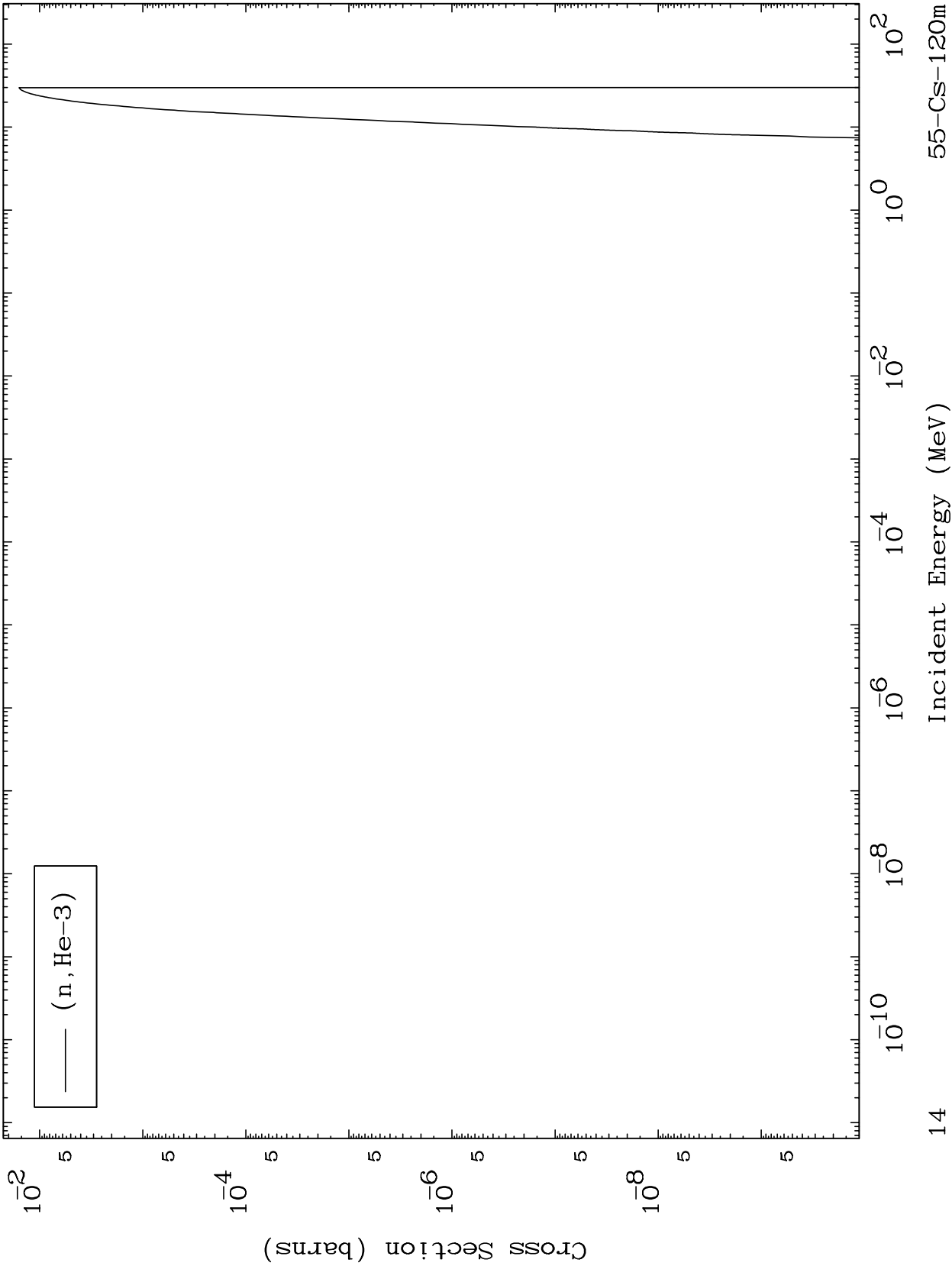
55-Cs-120m



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(n,He3) Levels
293 Kelvin Cross Sections

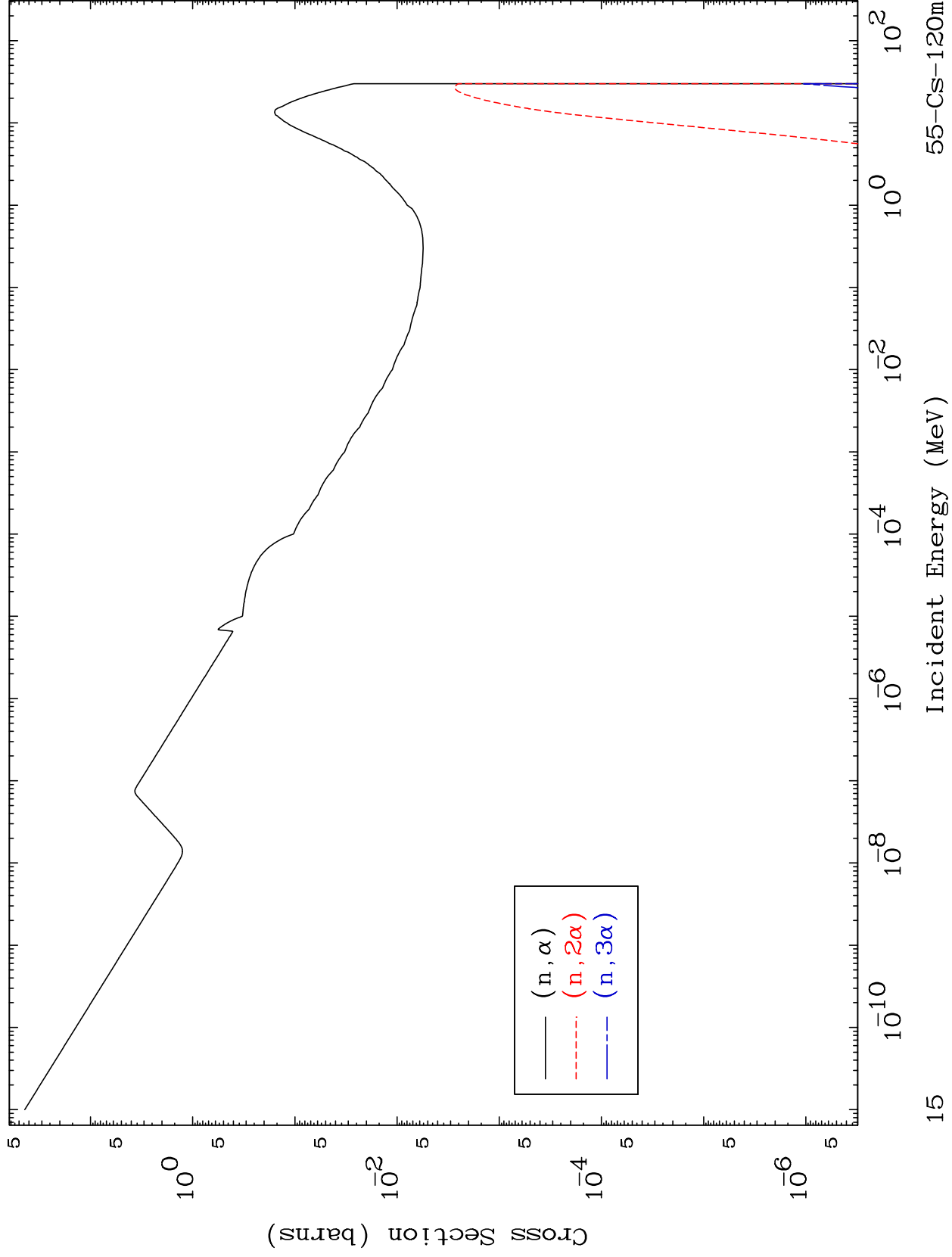
55-Cs-120m



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(n, α) Levels
293 Kelvin Cross Sections

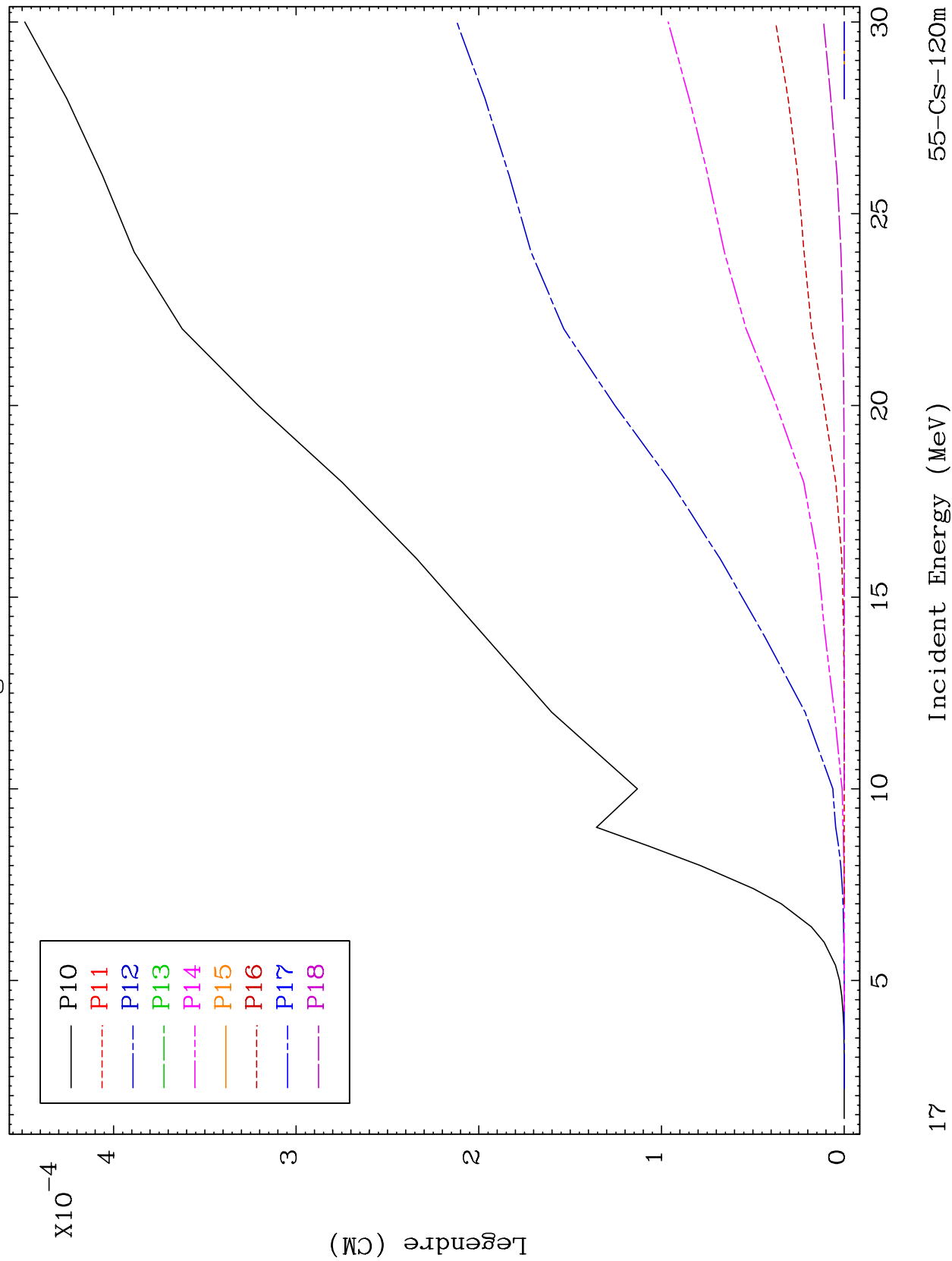
55-Cs-120m



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Elastic Legendre Coefficients

55-Cs-120m



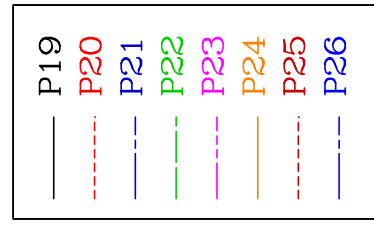
17

55-Cs-120m

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Elastic Legendre Coefficients

55-Cs-120m



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

18

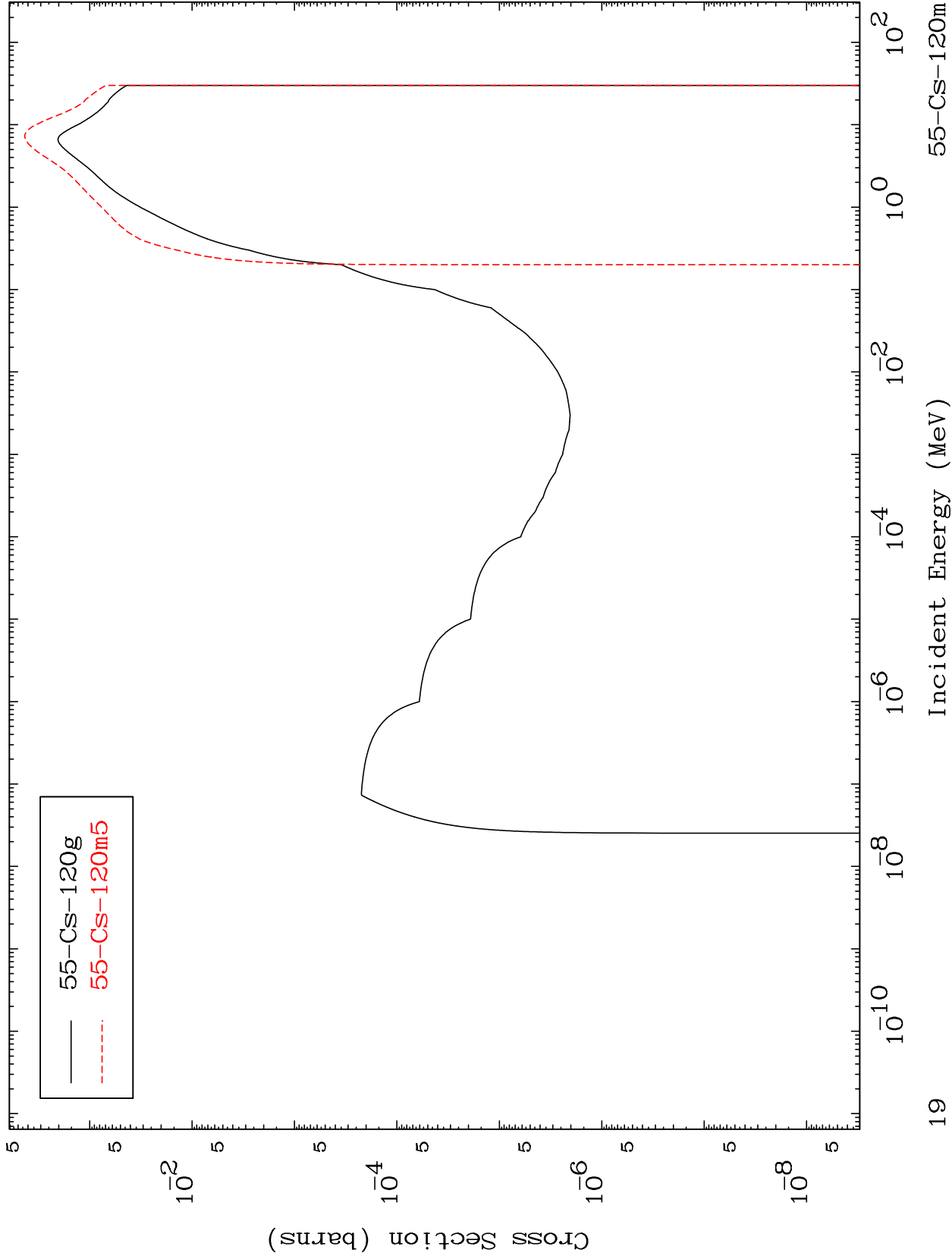
Incident Energy (MeV)

55-Cs-120m

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Inelastic
Radionuclide Production Cross Section

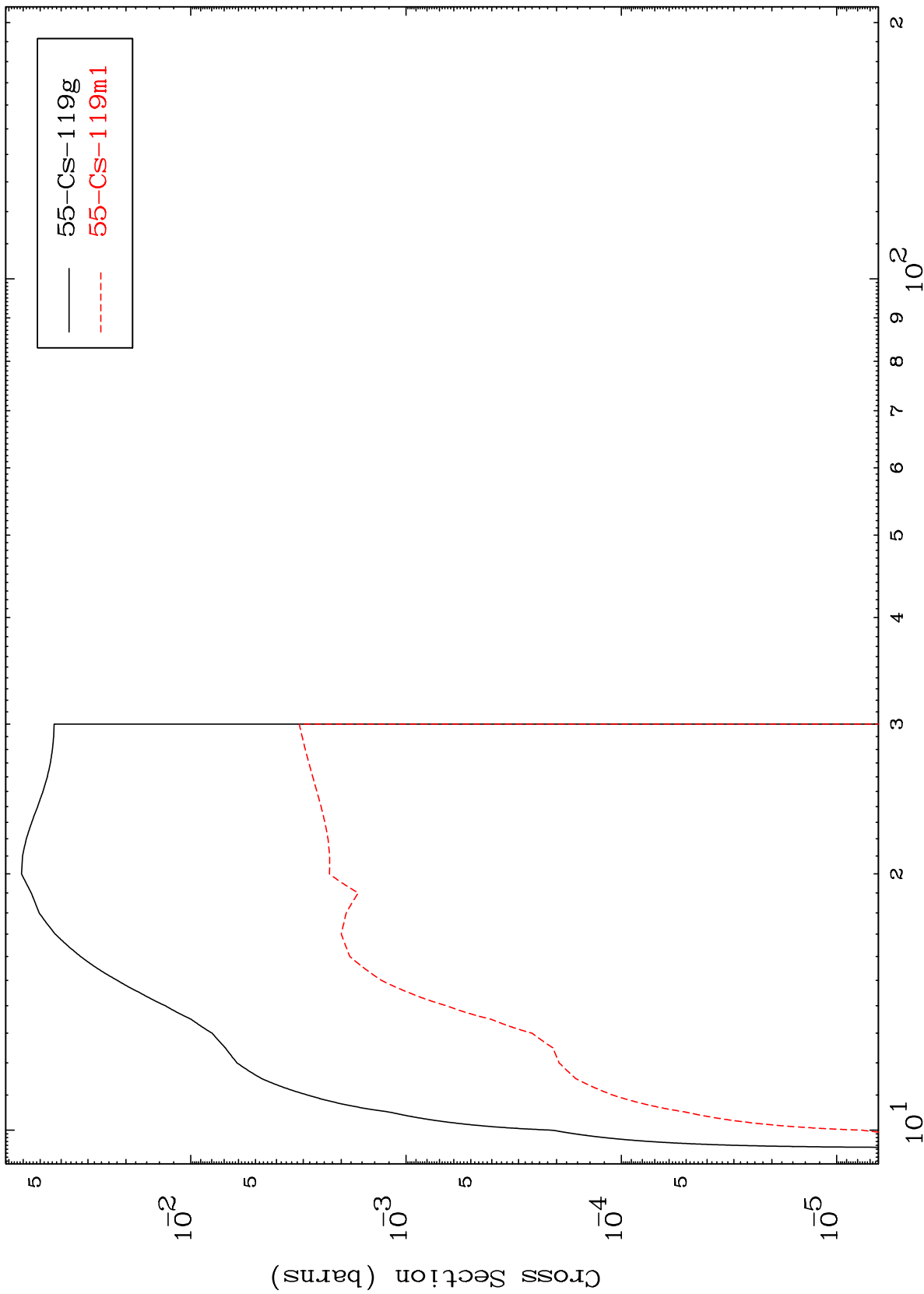
55-Cs-120m



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55-Cs-120m

(n,2n)
Radionuclide Production Cross Section



55-Cs-120m

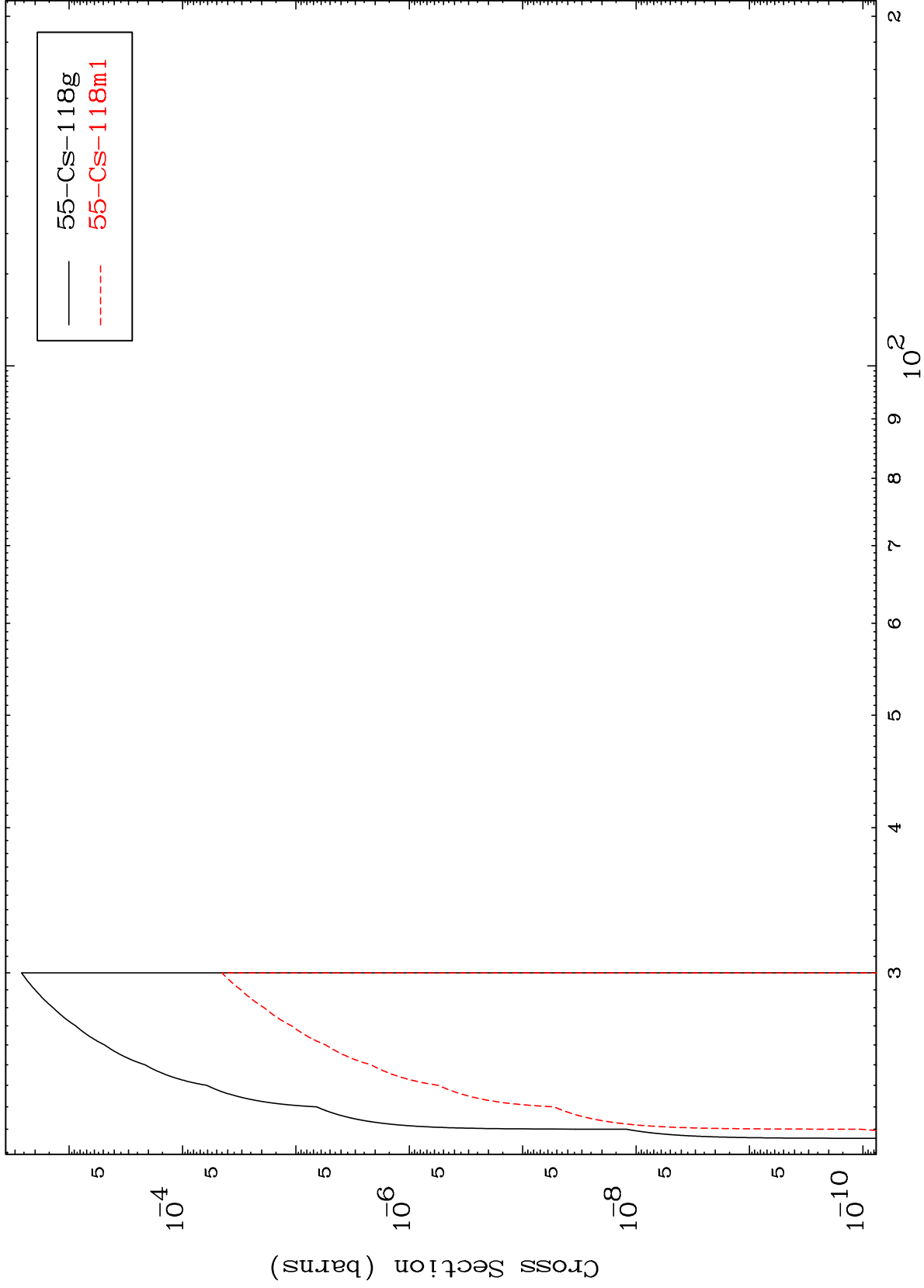
Incident Energy (MeV)

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(n,3n)

55-Cs-120m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

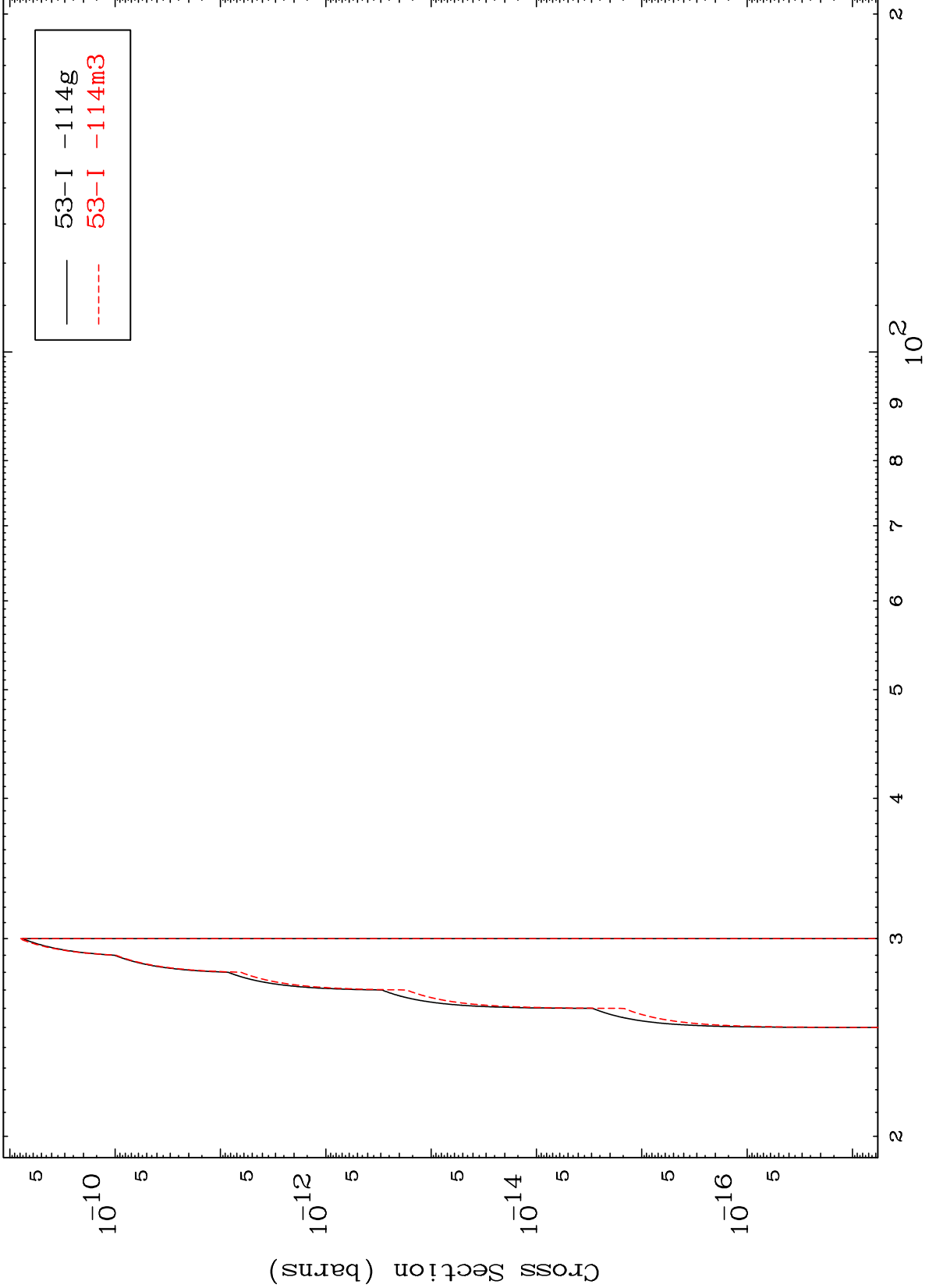
55-Cs-120m

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(n,3n) α

55-Cs-120m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

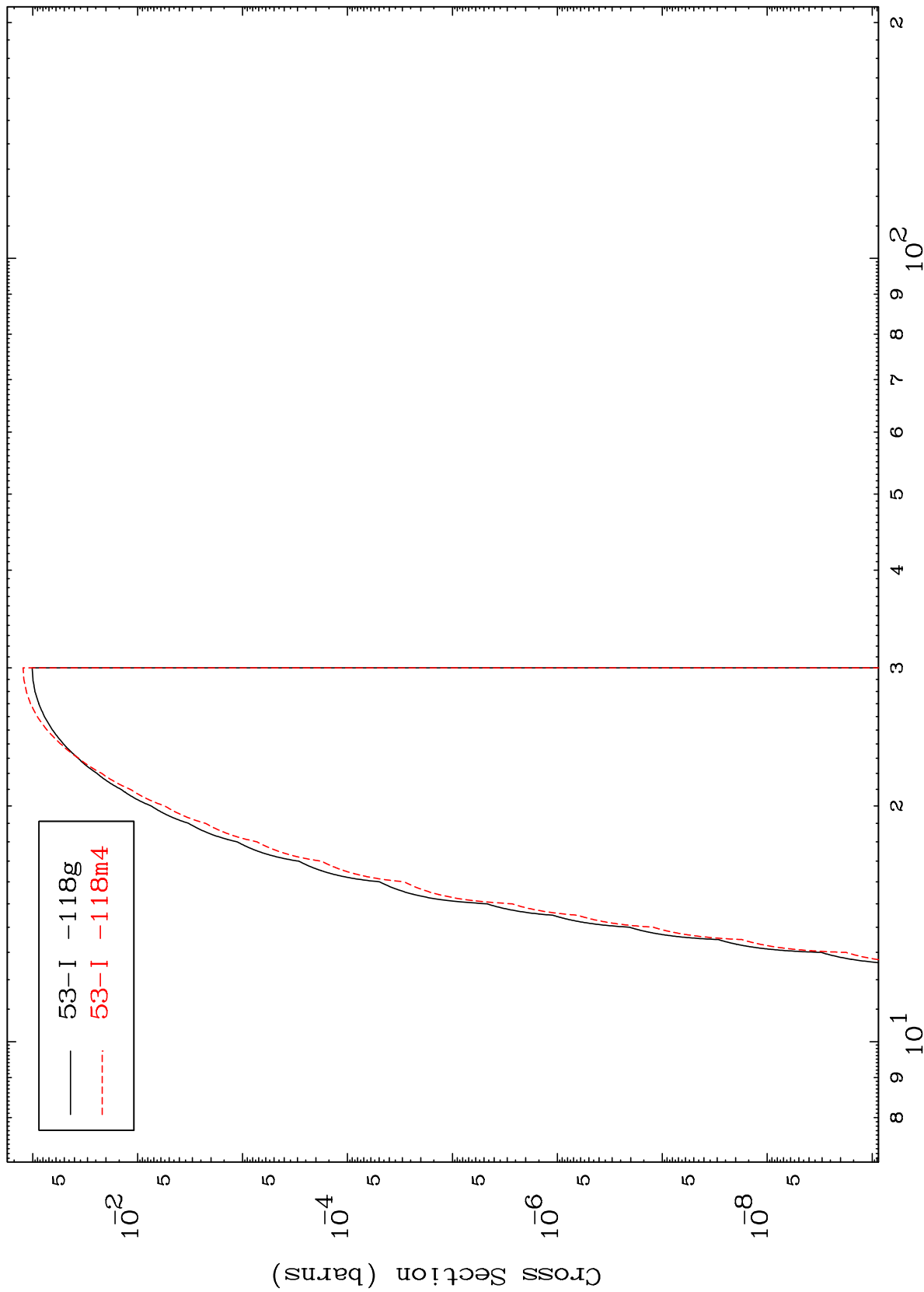
55-Cs-120m

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(n,2n) p

55-Cs-120m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

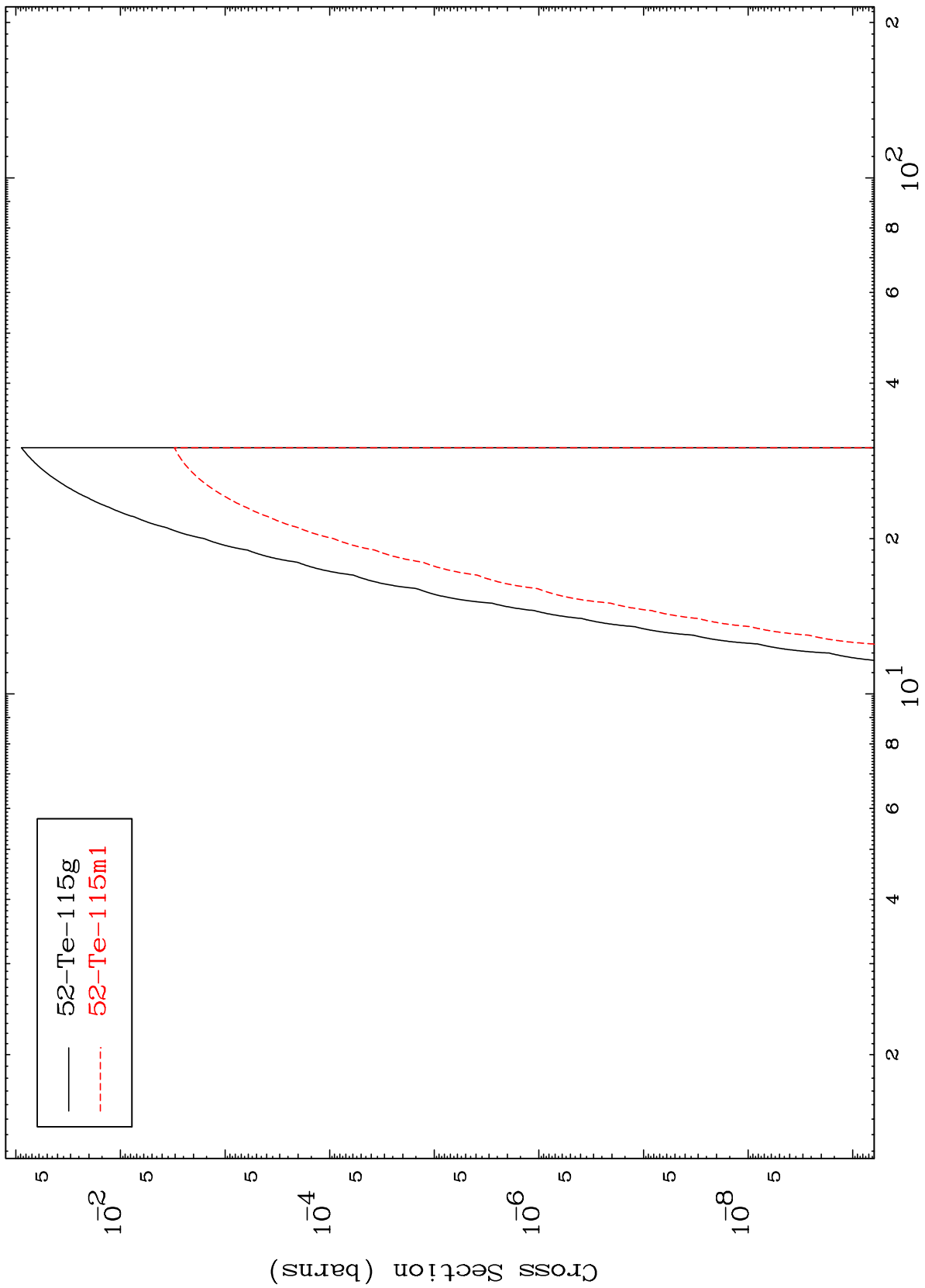
55-Cs-120m

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(n,n') p α

55-Cs-120m

Radionuclide Production Cross Section



24

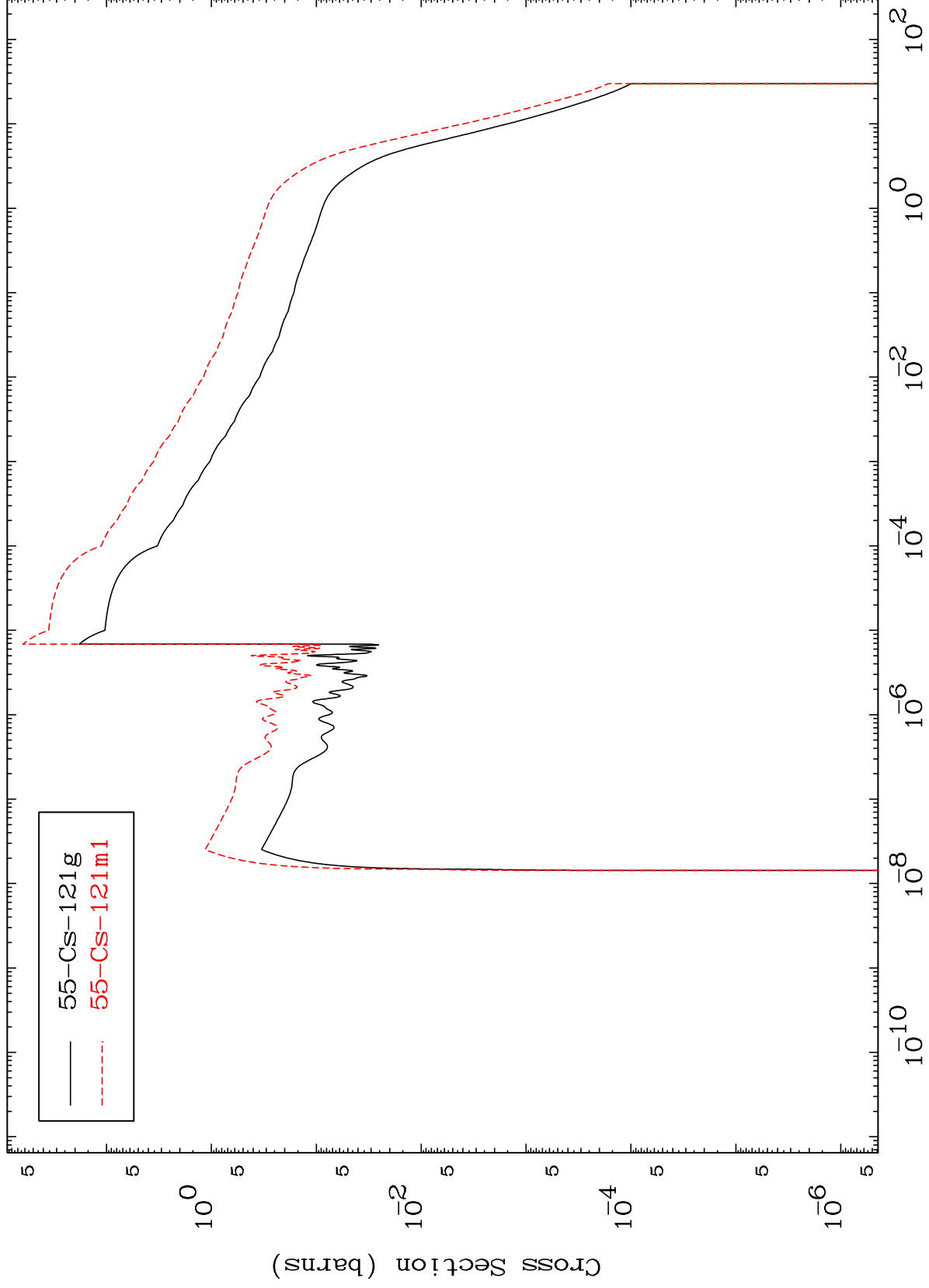
Incident Energy (MeV)

55-Cs-120m

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55-Cs-120m

Radionuclide Production Cross Section



25

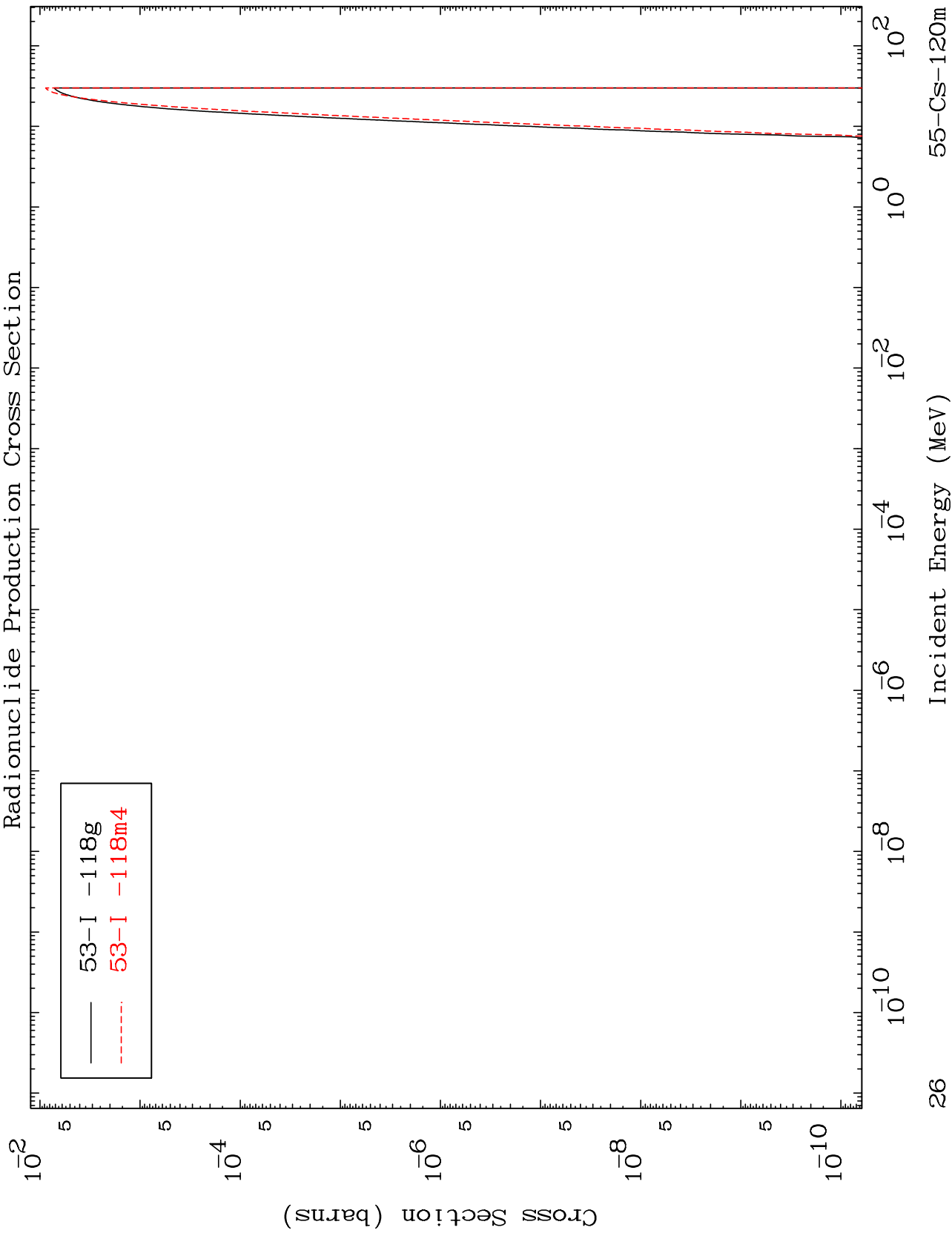
55-Cs-120m

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(n,He-3)

55-Cs-120m

Radionuclide Production Cross Section

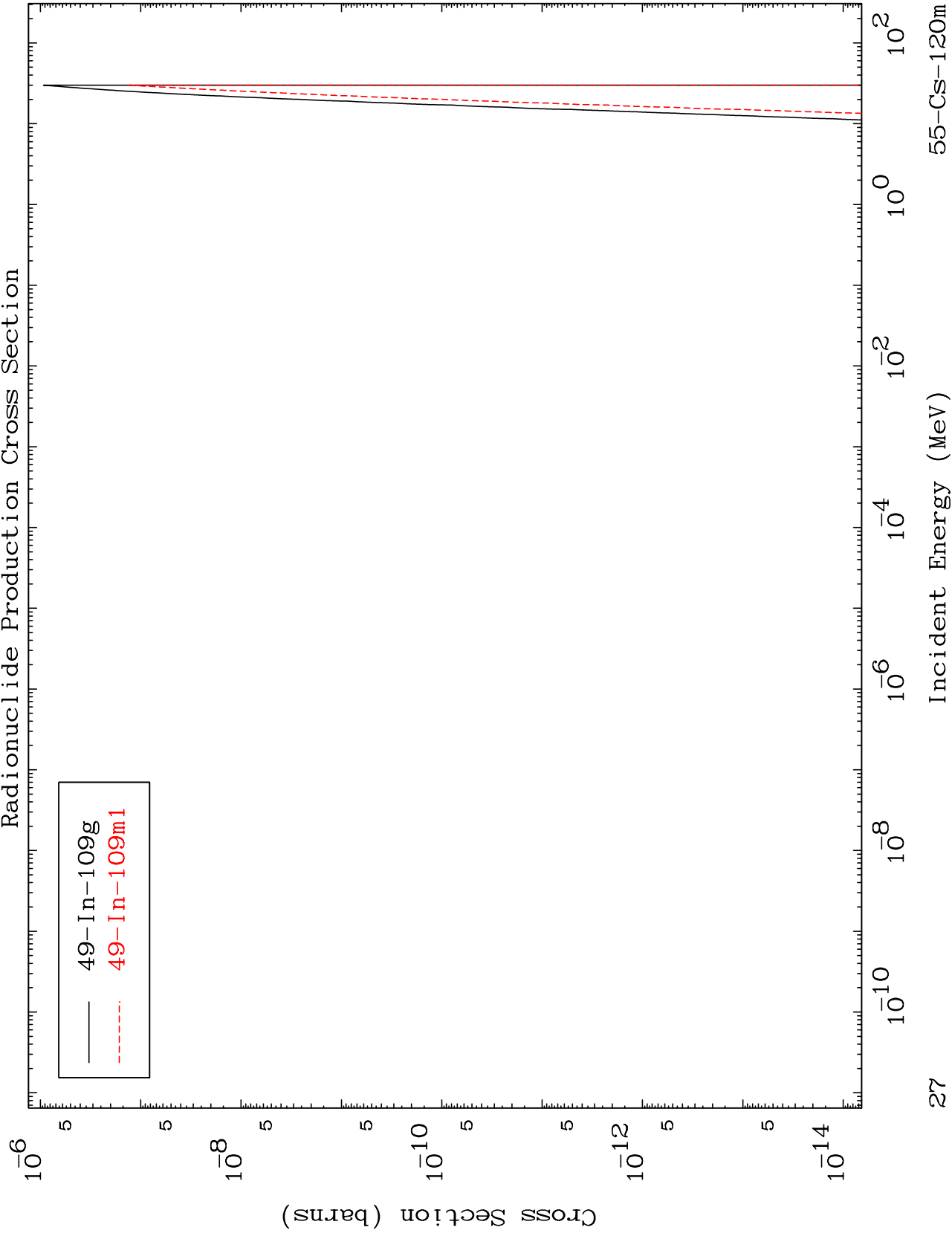


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(n,3 α)

55-Cs-120m

Radionuclide Production Cross Section

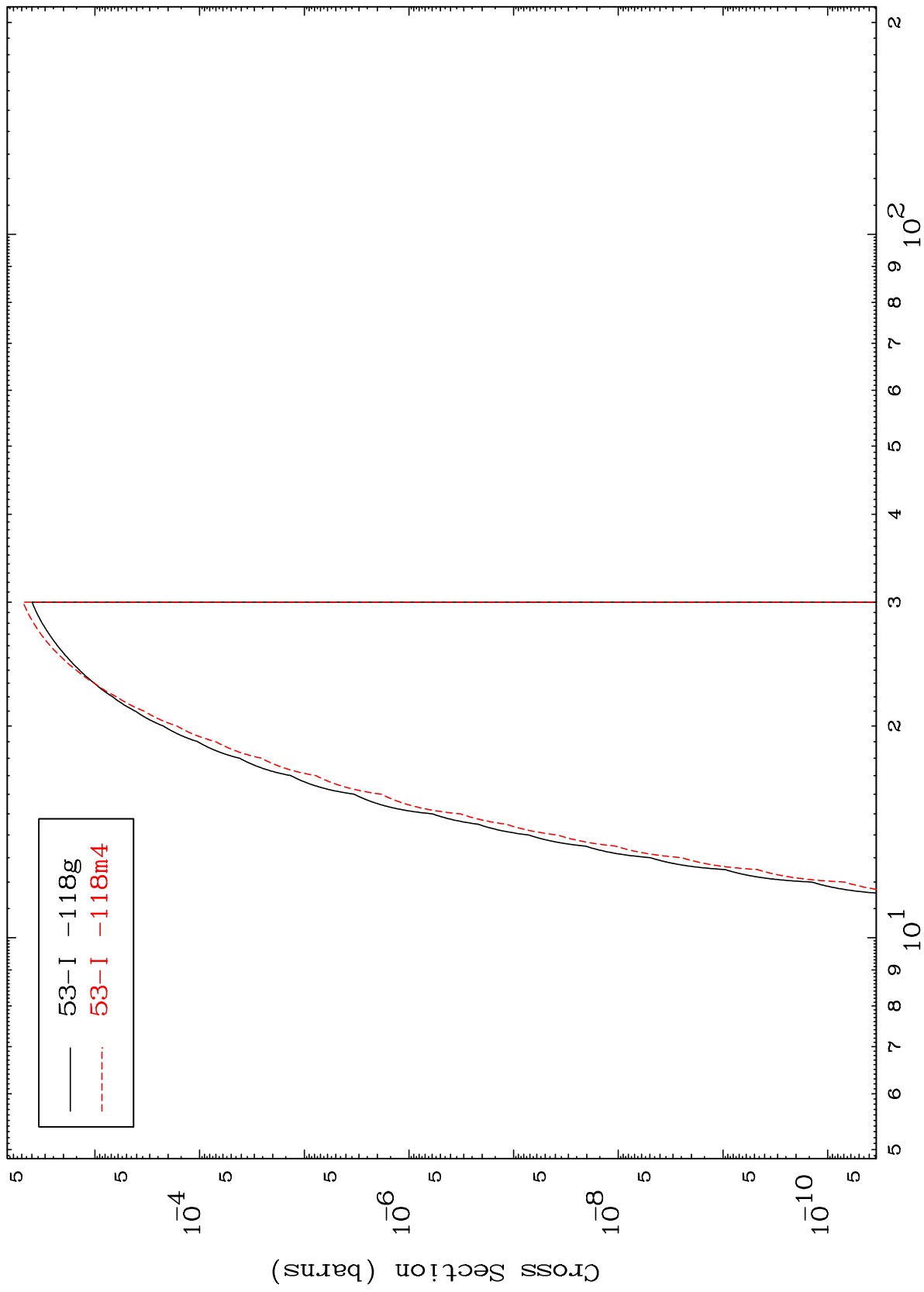


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(n,p) d

55-Cs-120m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

55-Cs-120m

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(n,d) α

55-Cs-120m

Radionuclide Production Cross Section

