

Program EVALPLOT
(Version 2017-1)

by

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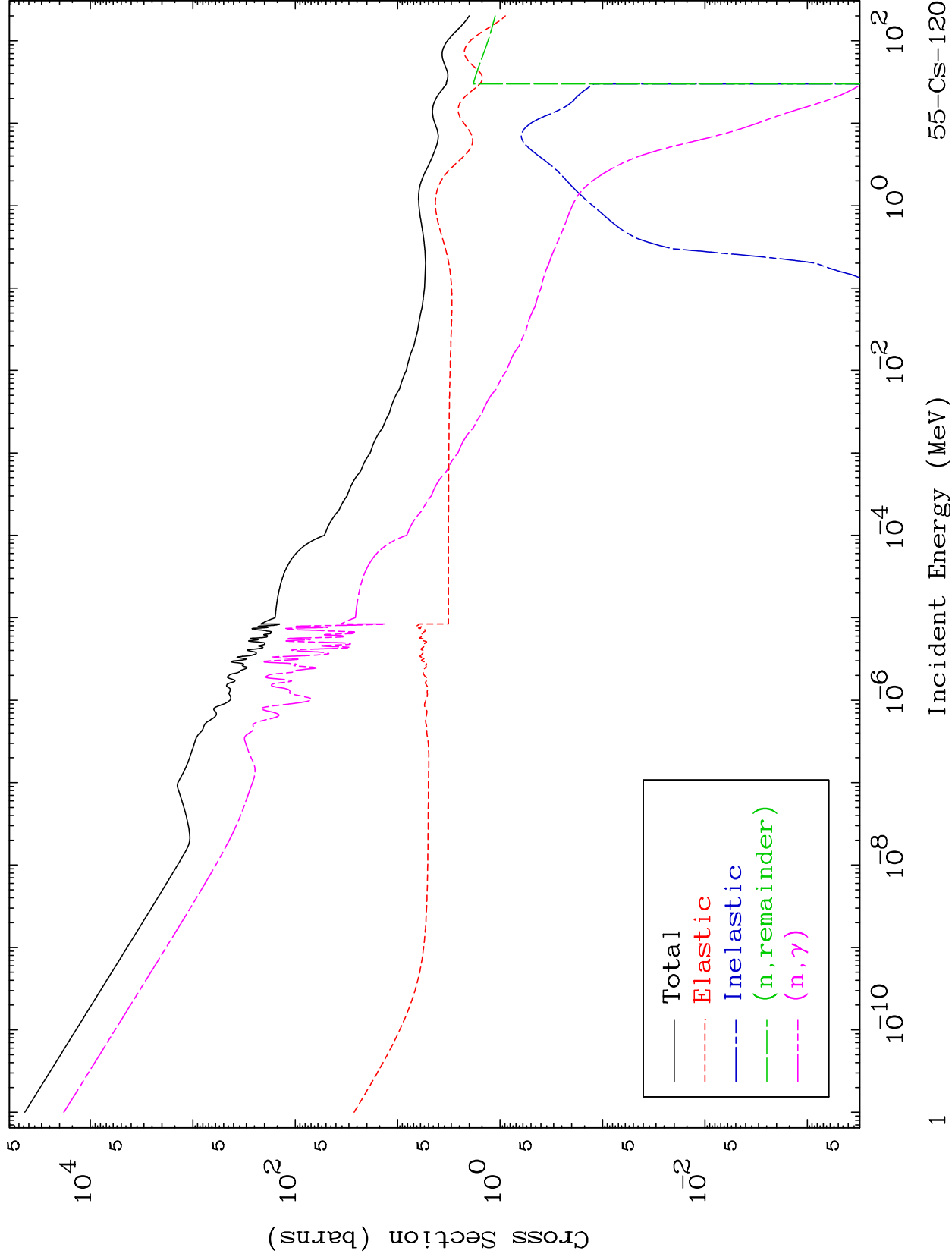
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5487

Major
293 Kelvin Cross Sections

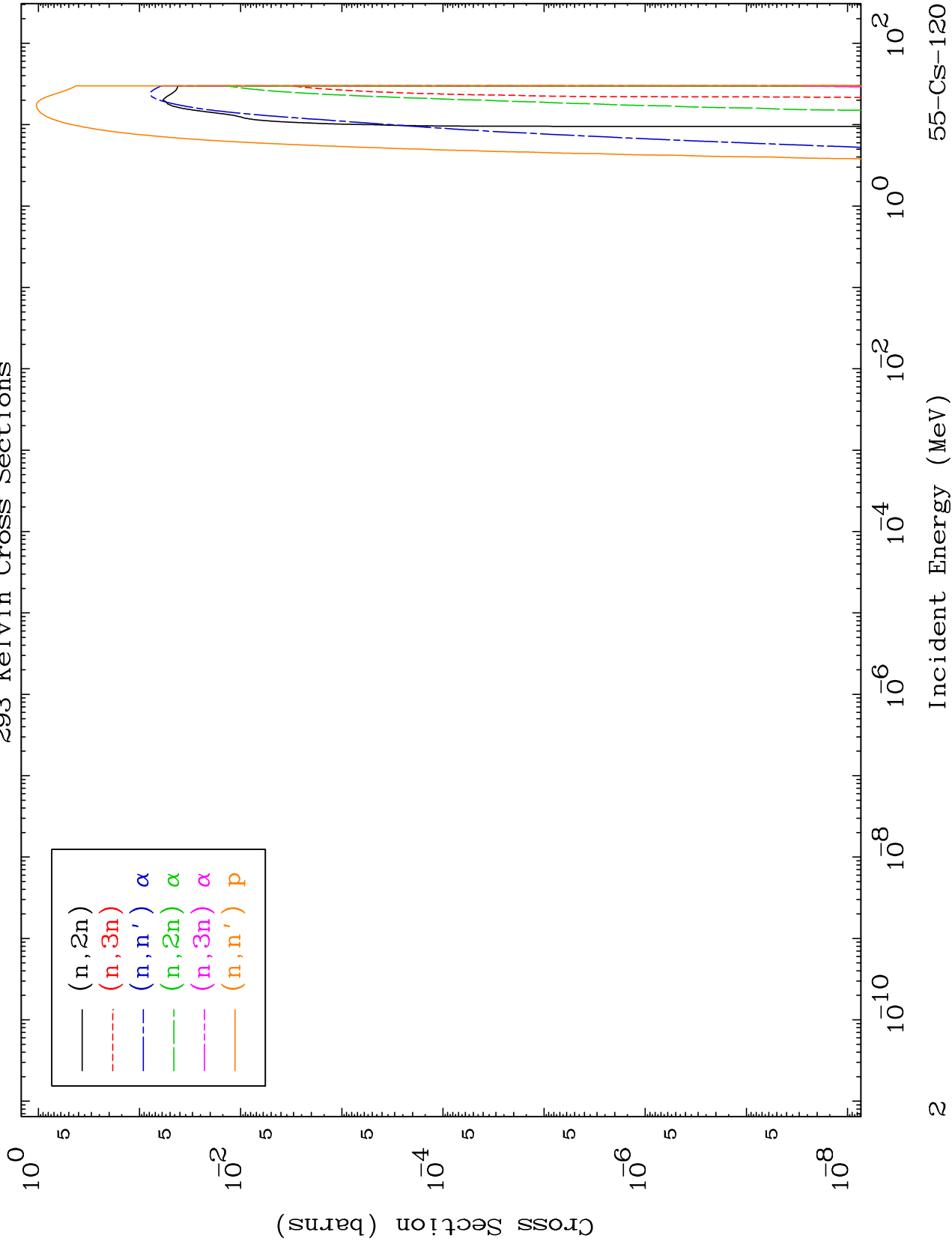
55-Cs-120



MAT 5487

Neutron Production
293 Kelvin Cross Sections

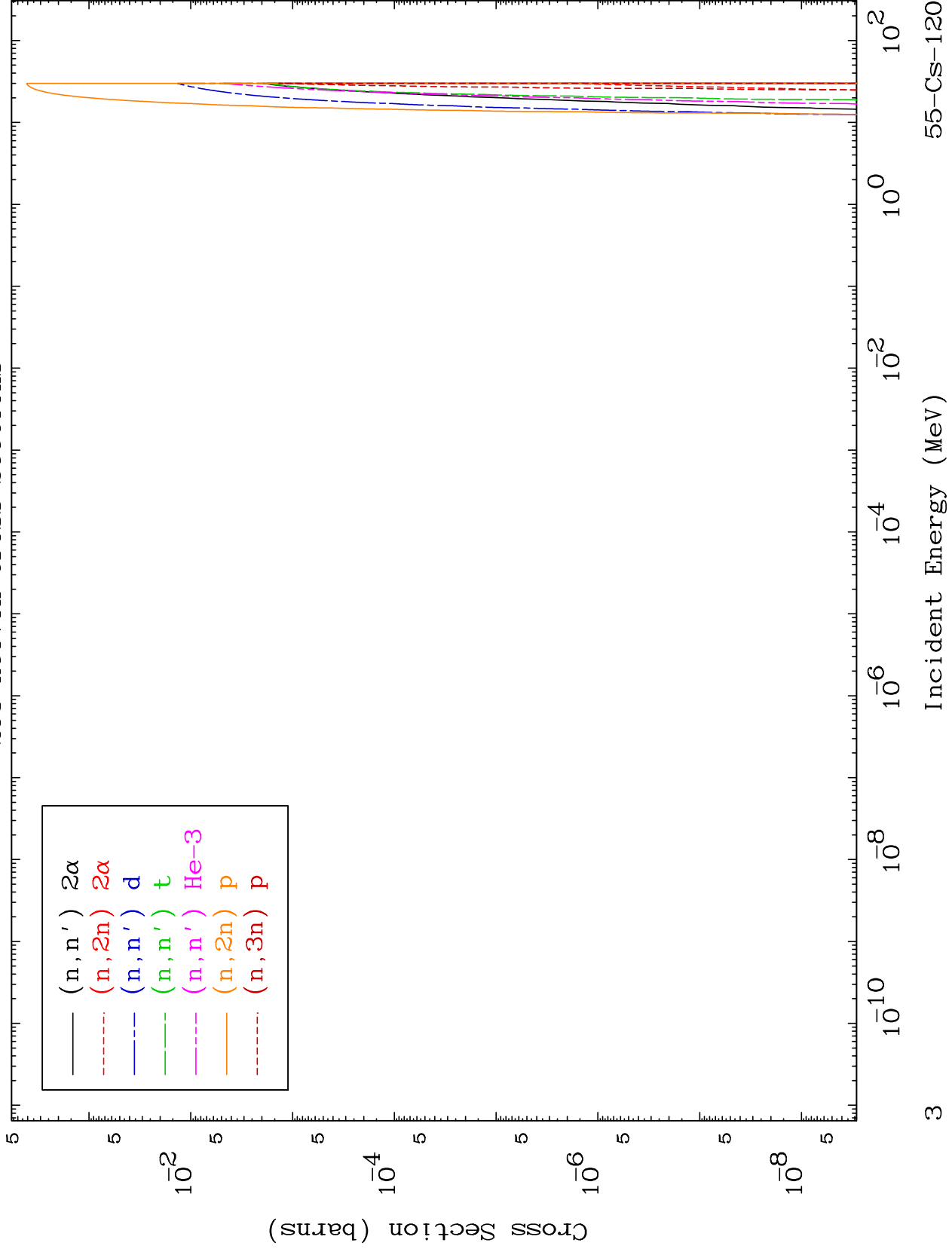
55-Cs-120



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Neutron Production
293 Kelvin Cross Sections

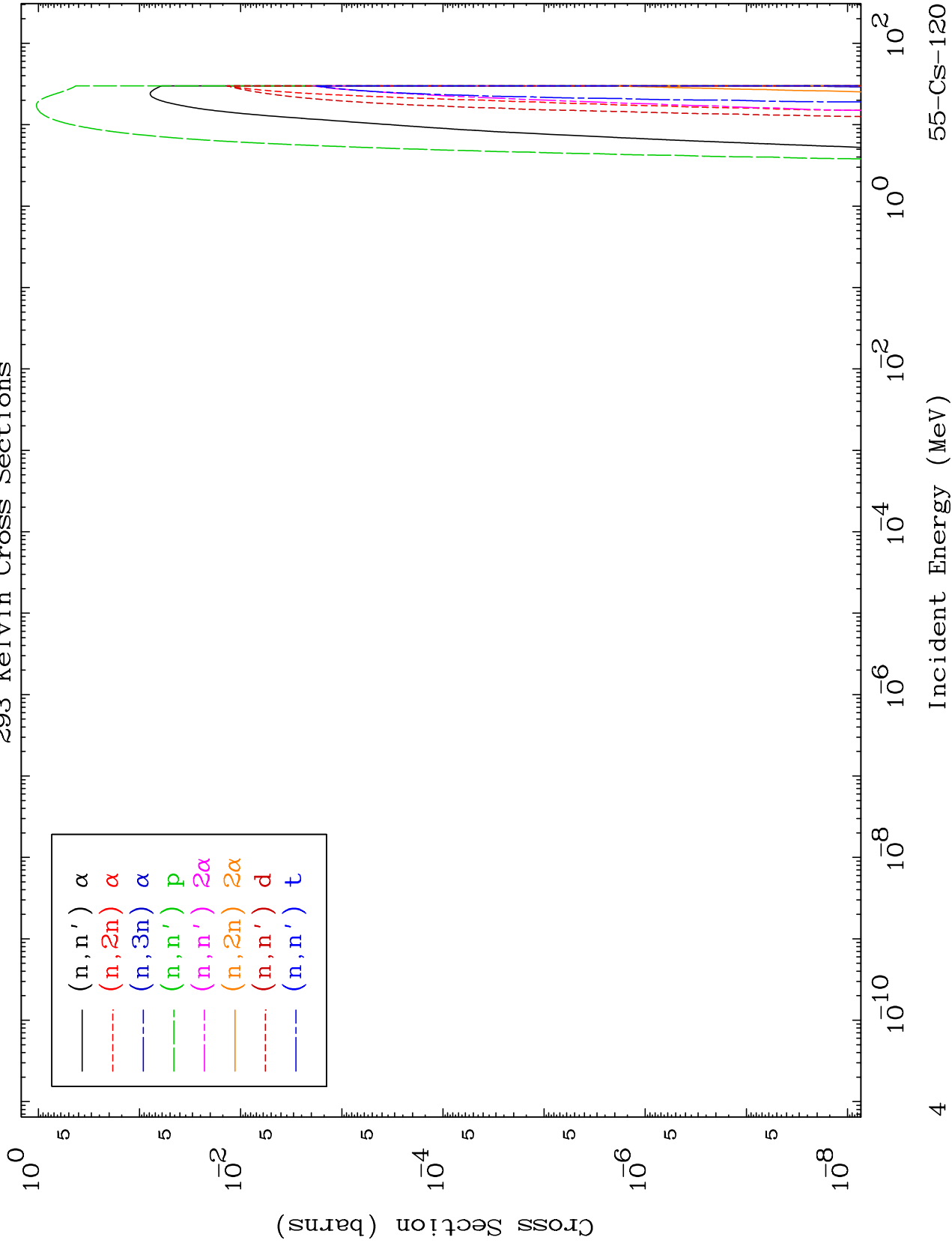
55-Cs-120



MAT 5487

Charged Particle
293 Kelvin Cross Sections

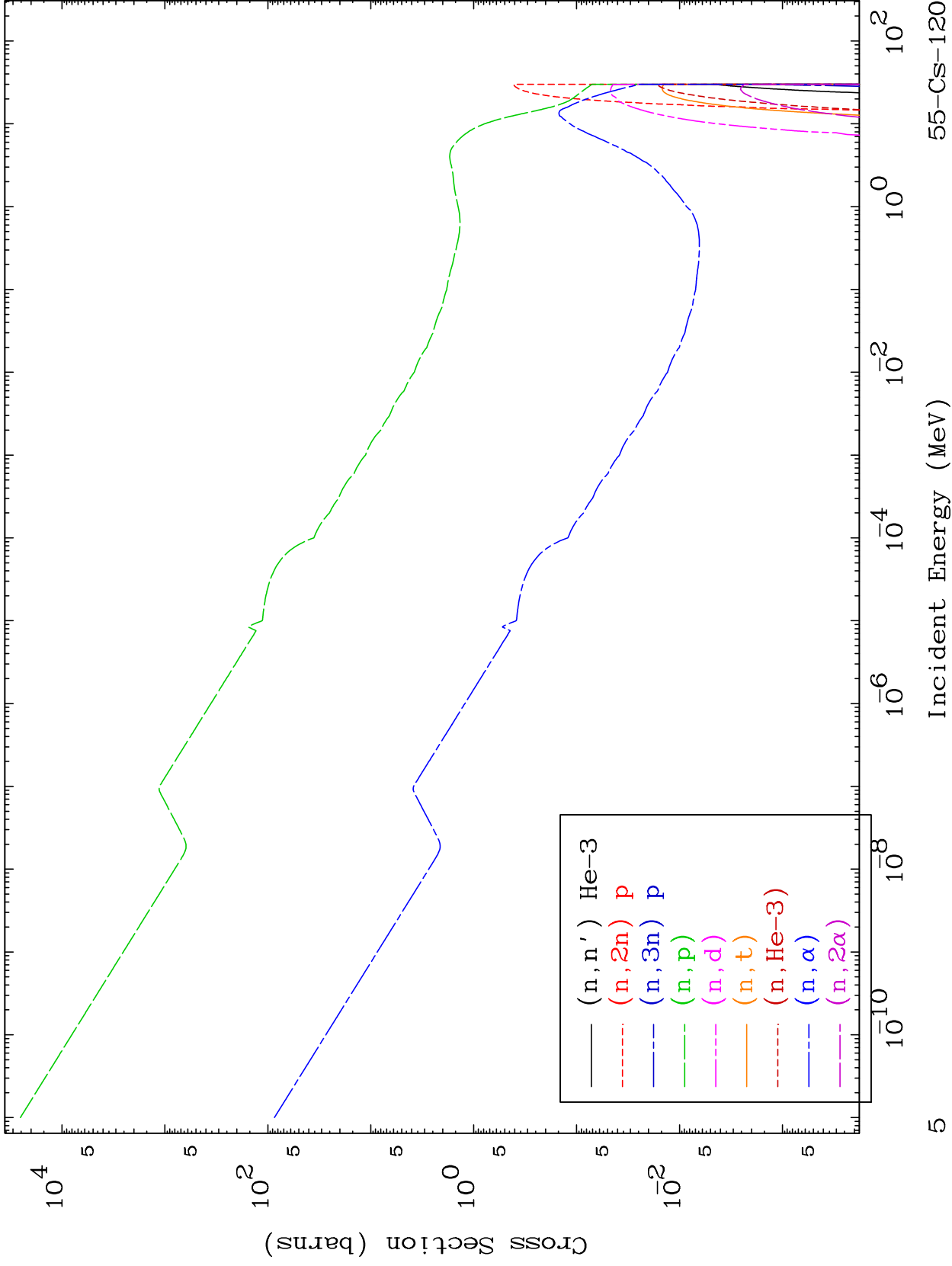
55-Cs-120



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Charged Particle
293 Kelvin Cross Sections

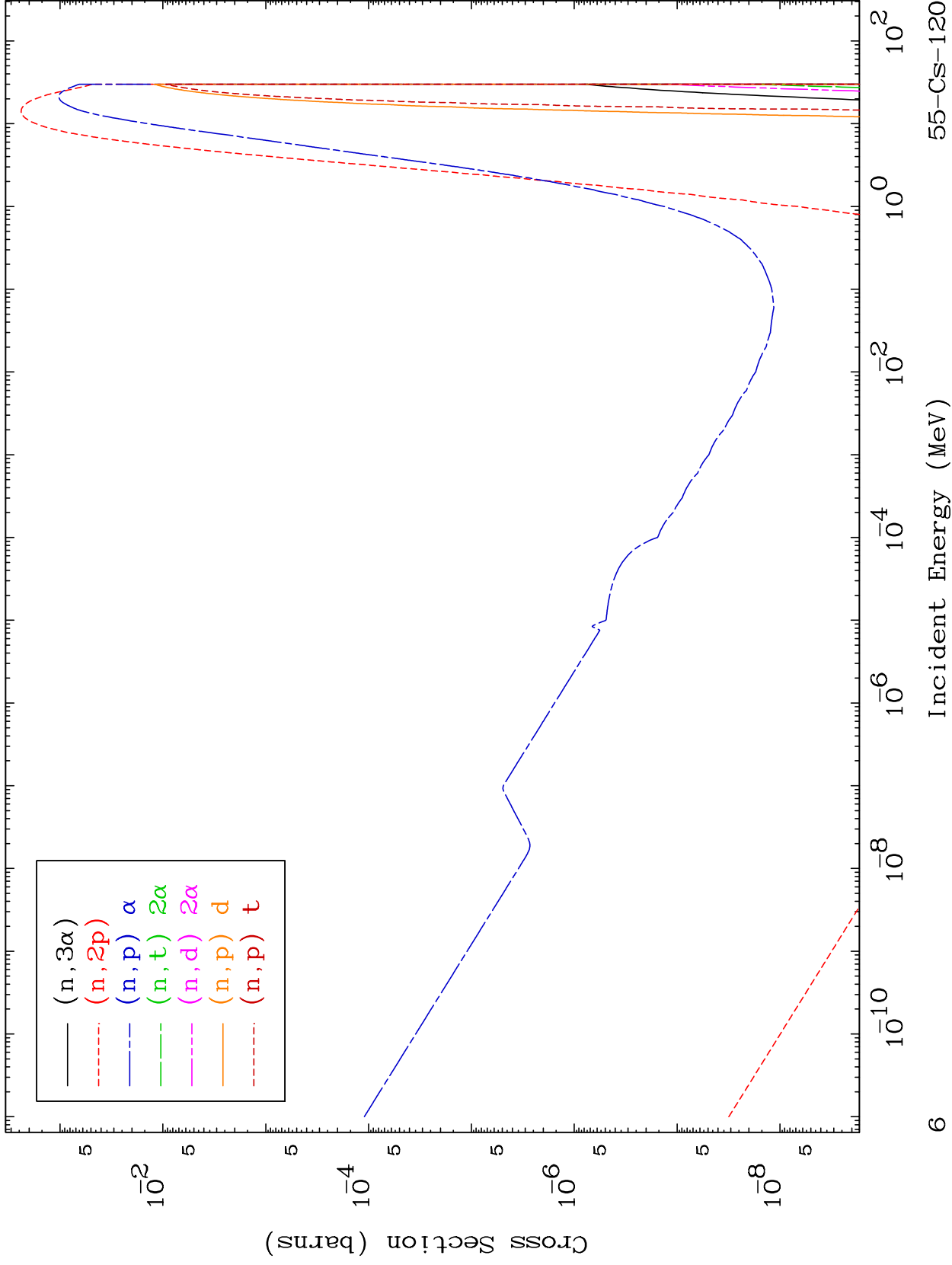
55-Cs-120



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Charged Particle
293 Kelvin Cross Sections

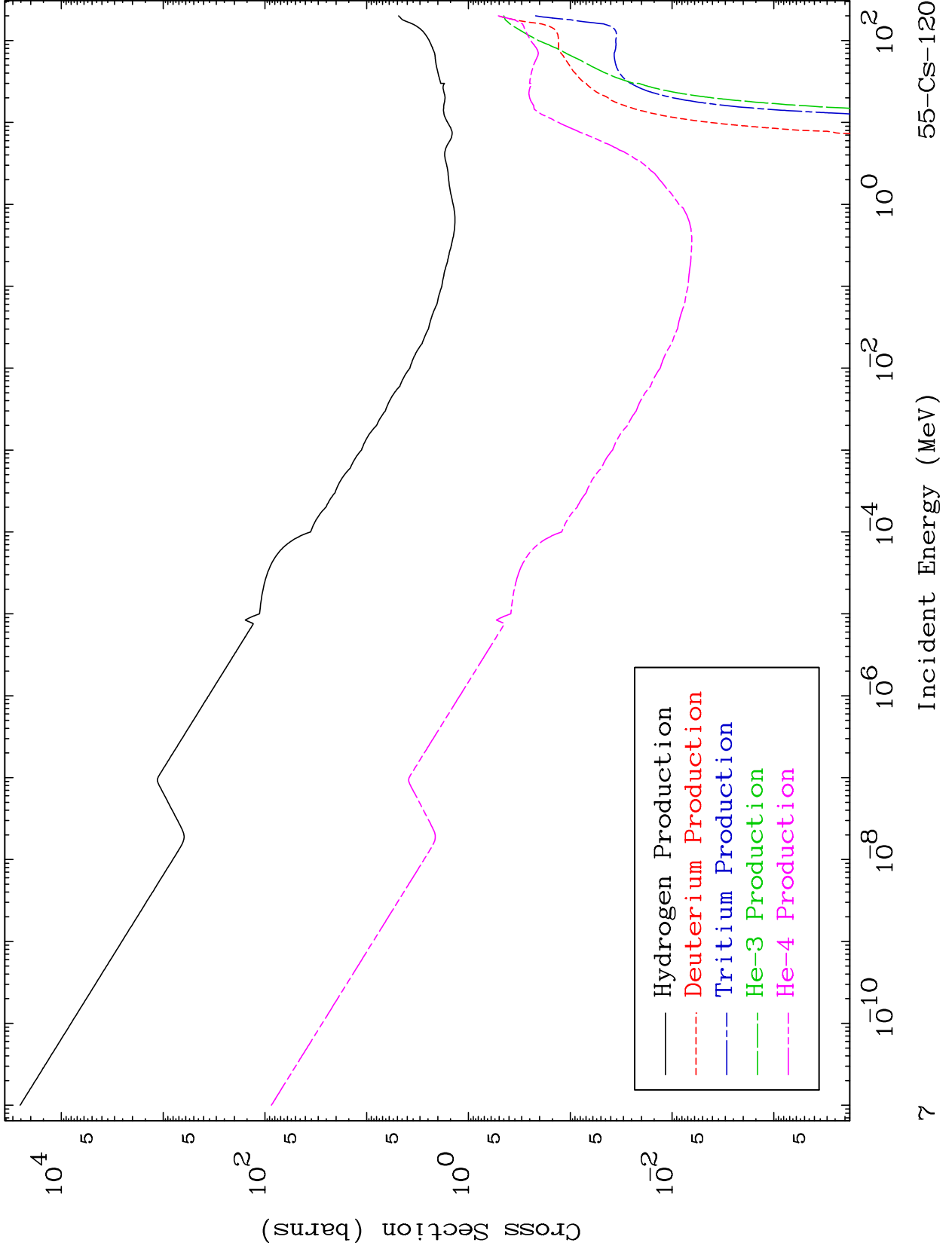
55-Cs-120



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Particle Production
293 Kelvin Cross Sections

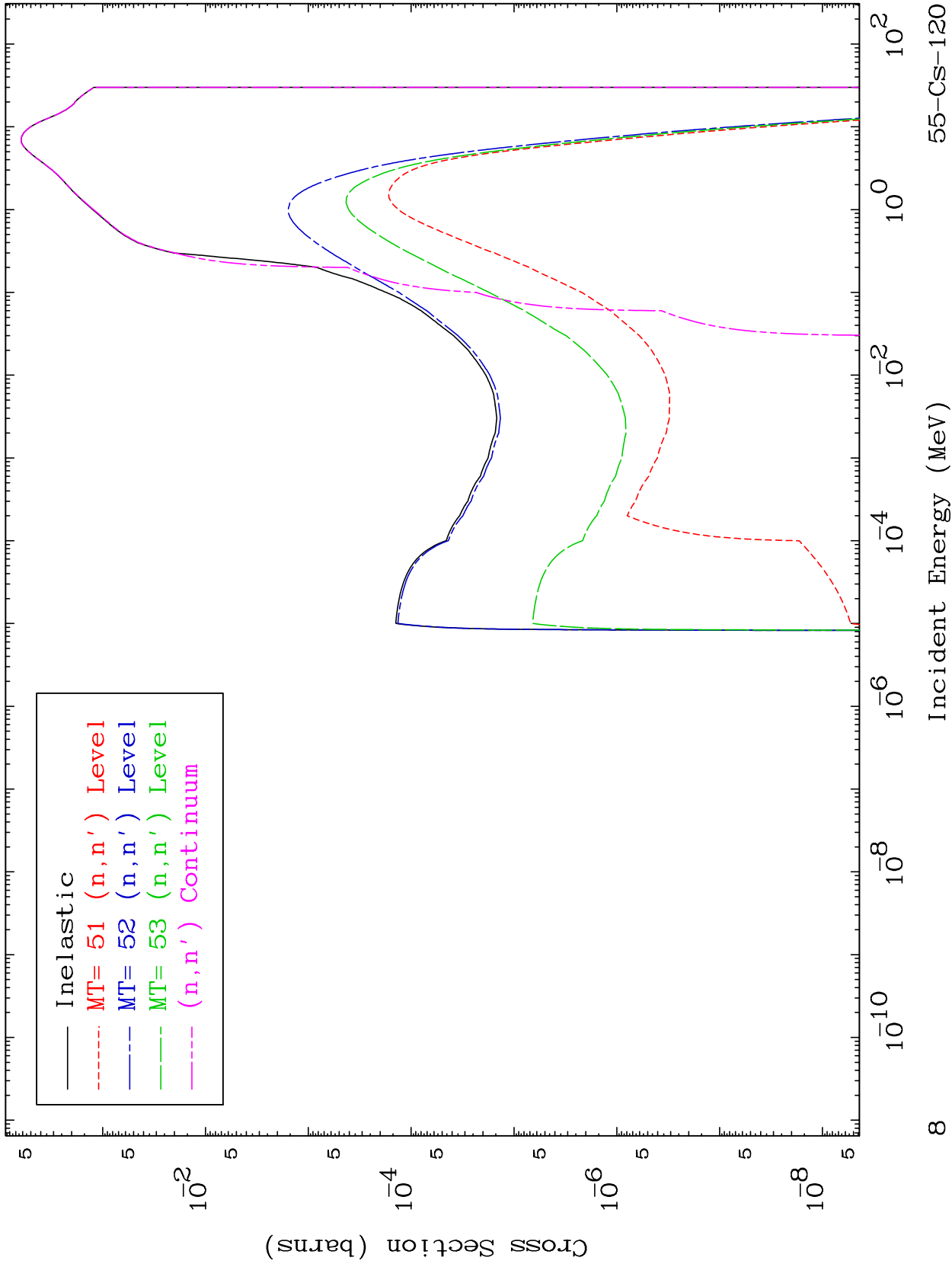
55-Cs-120



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(n,n') Level
293 Kelvin Cross Sections

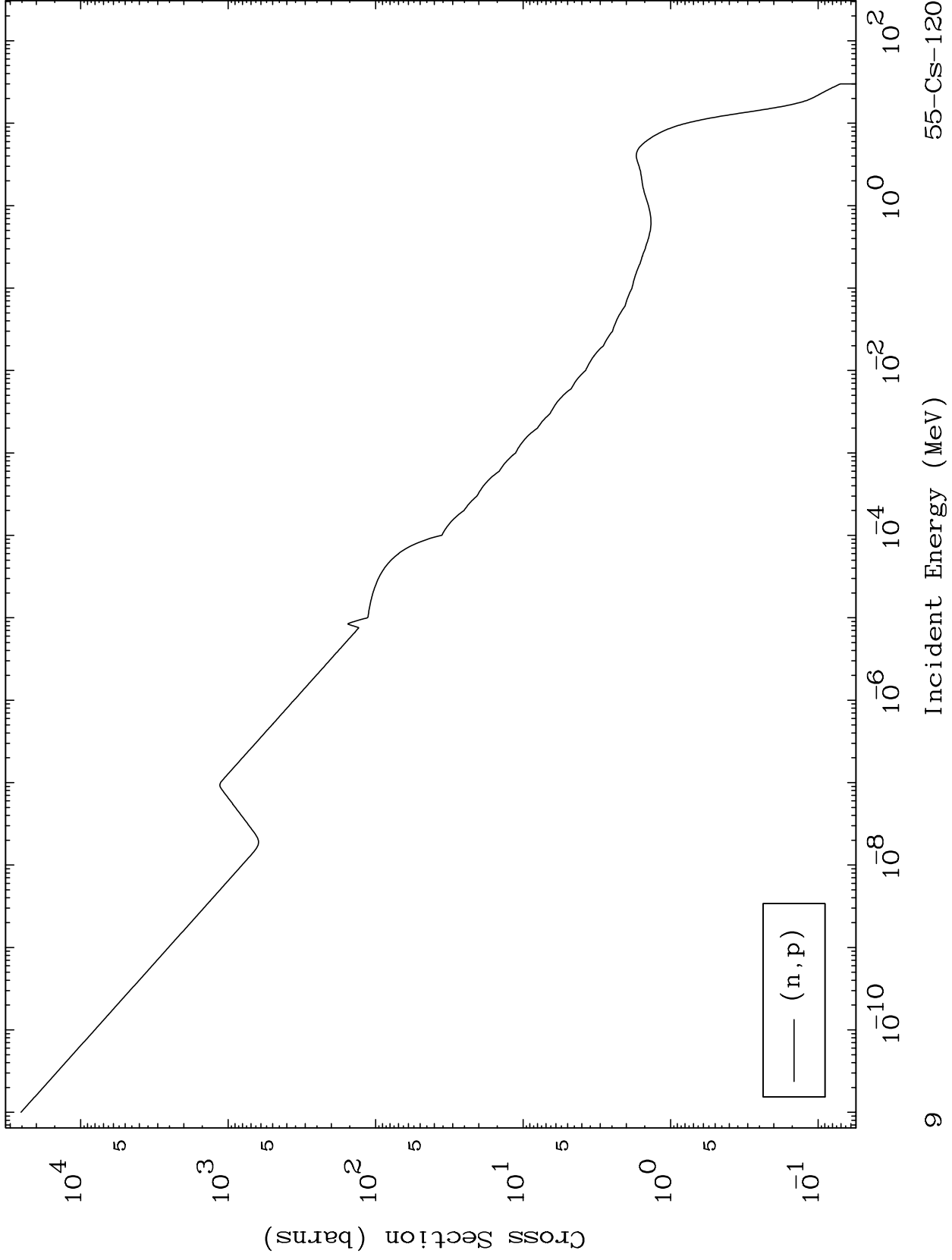
55-Cs-120



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(n,p) Levels
293 Kelvin Cross Sections

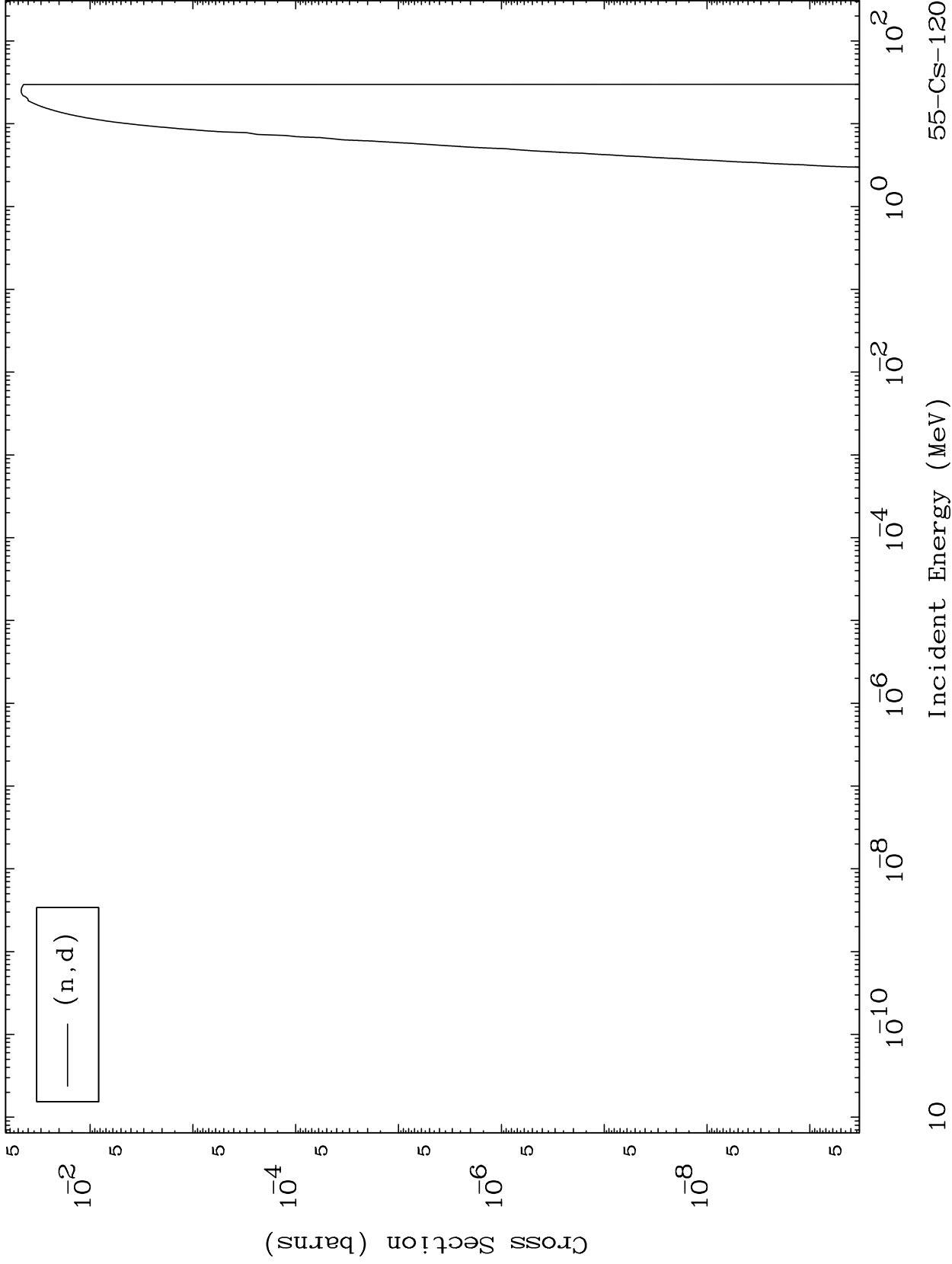
55-Cs-120



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(n,d) Levels
293 Kelvin Cross Sections

55-Cs-120



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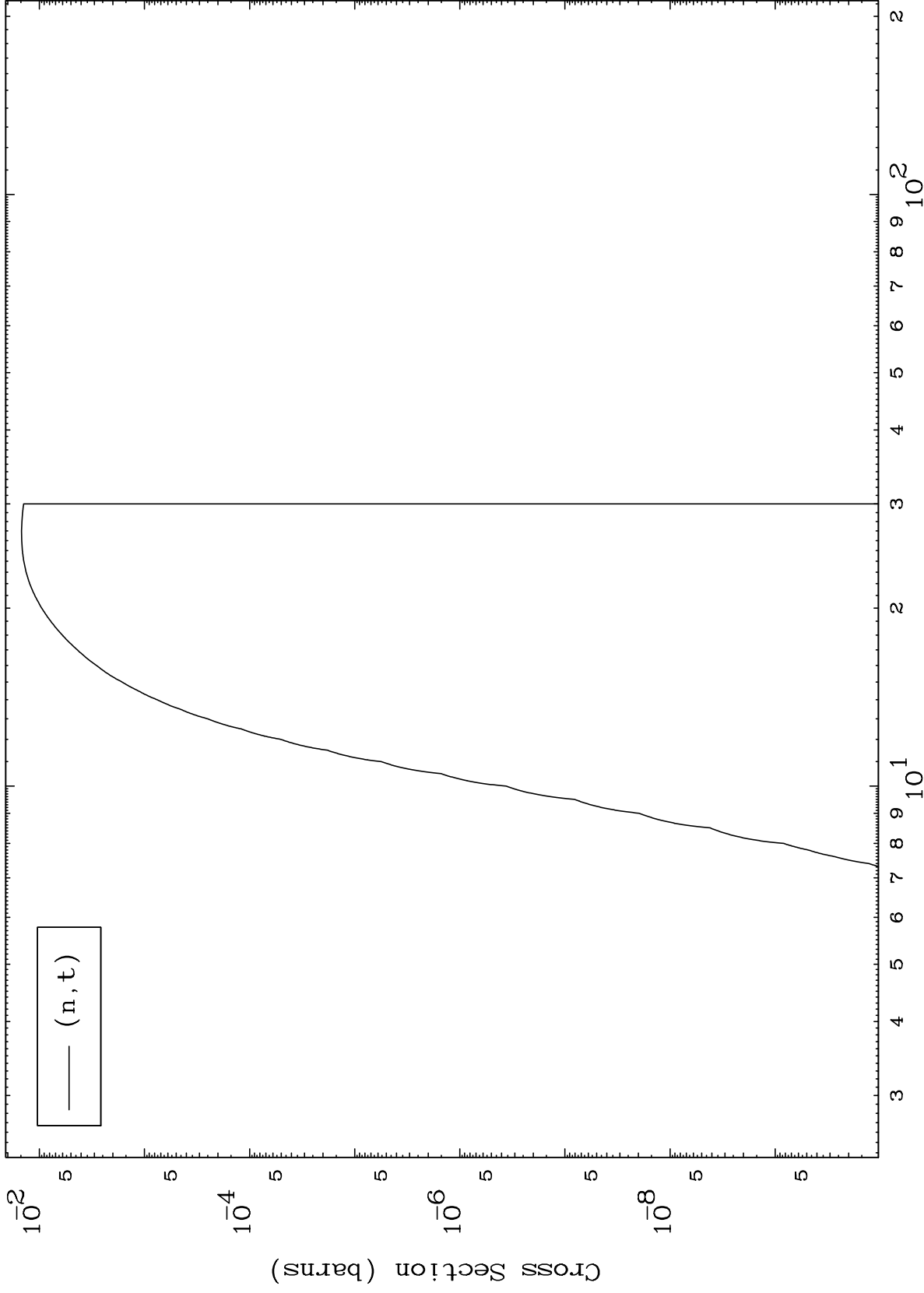
Incident Energy (MeV)

55-Cs-120

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(n,t) Levels
293 Kelvin Cross Sections

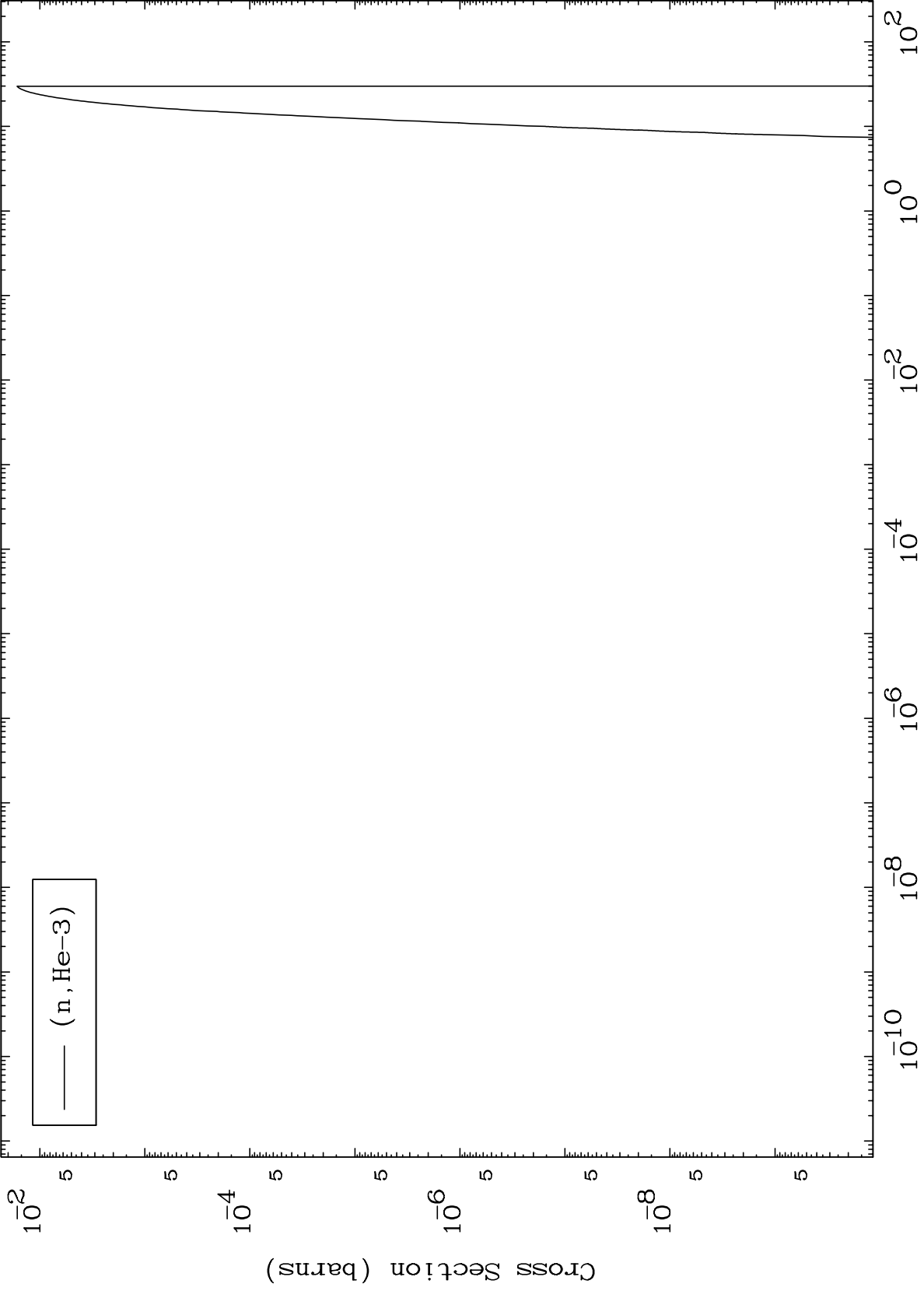
55-Cs-120



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(n,He3) Levels
293 Kelvin Cross Sections

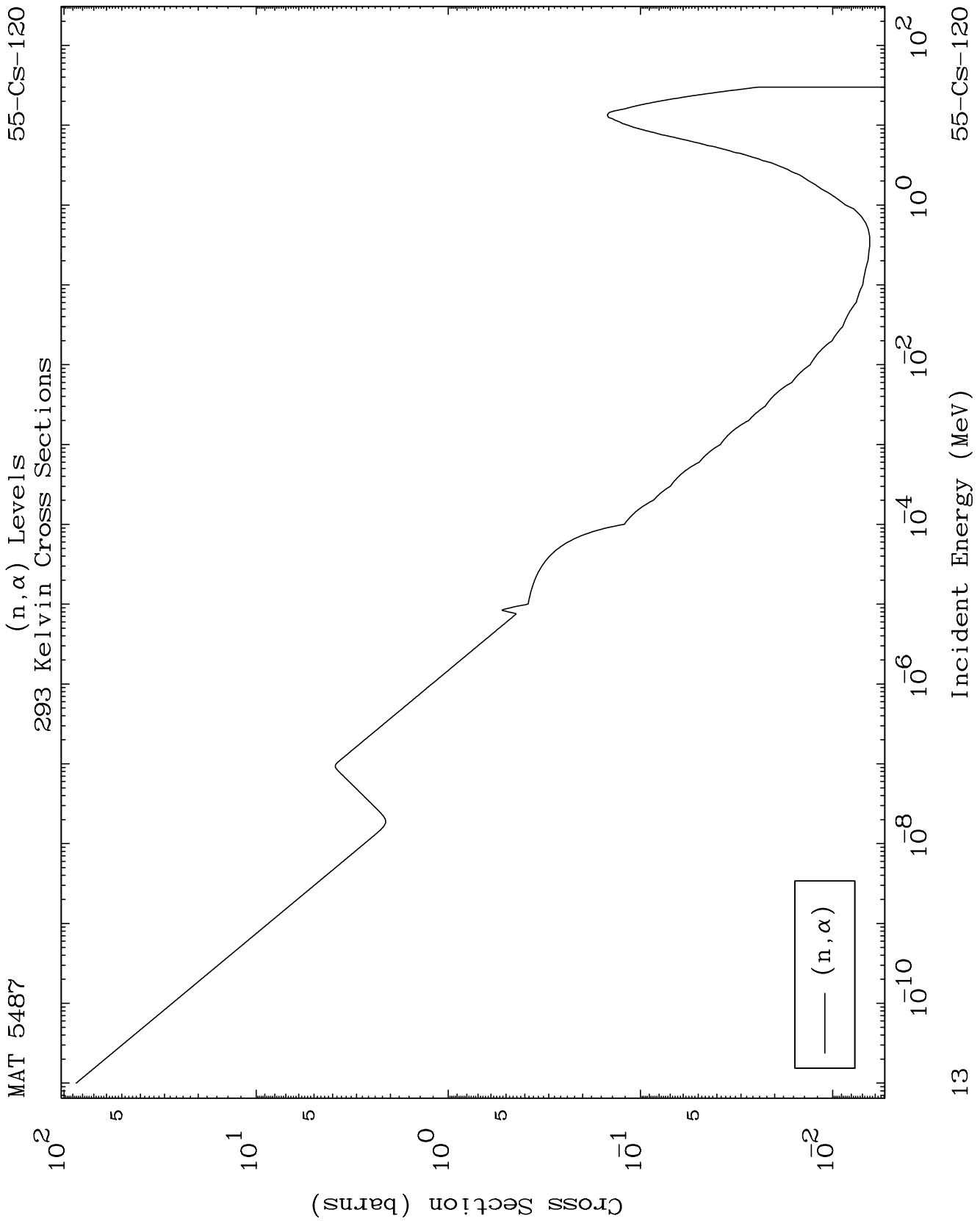
55-Cs-120

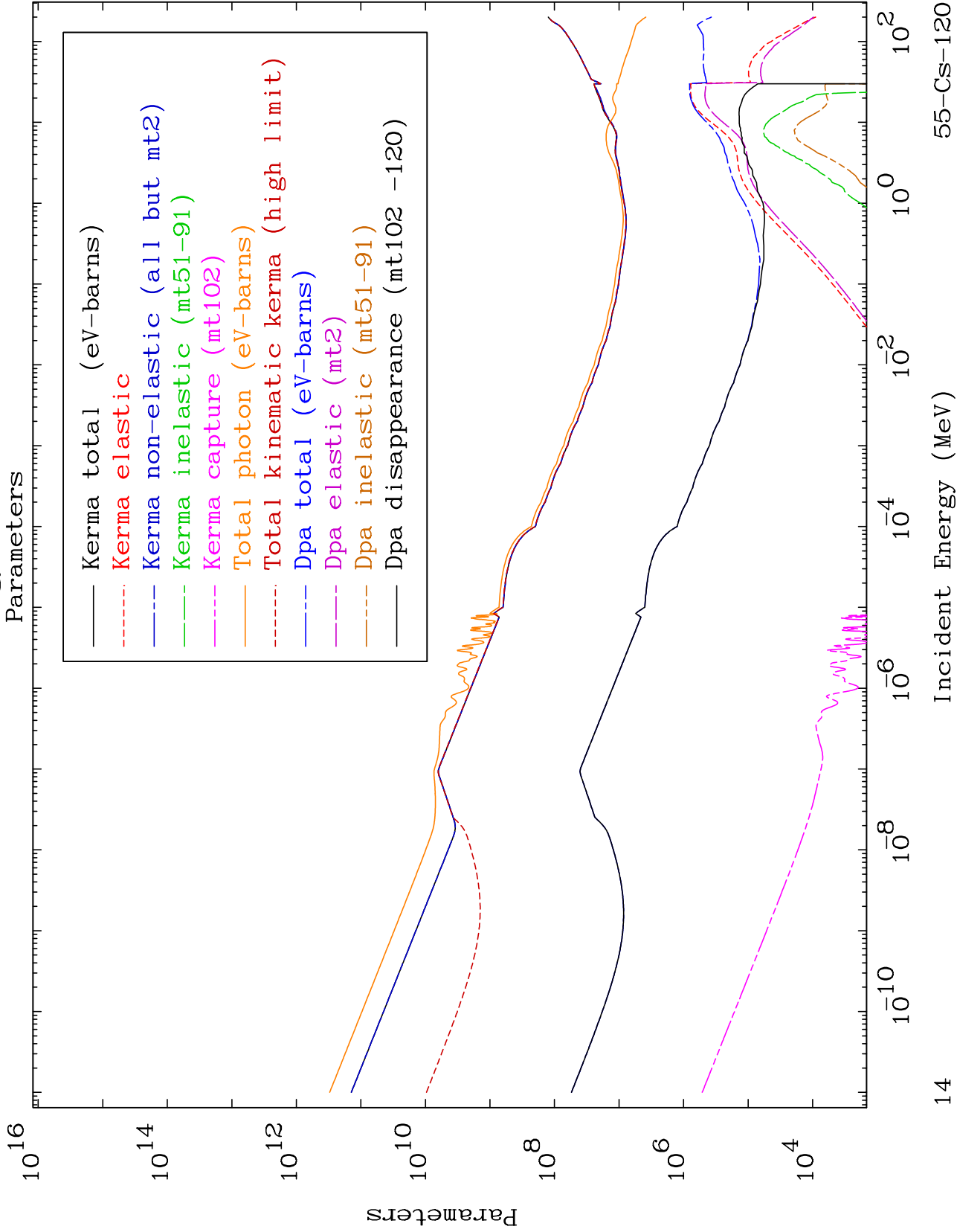


12

Incident Energy (MeV)

55-Cs-120

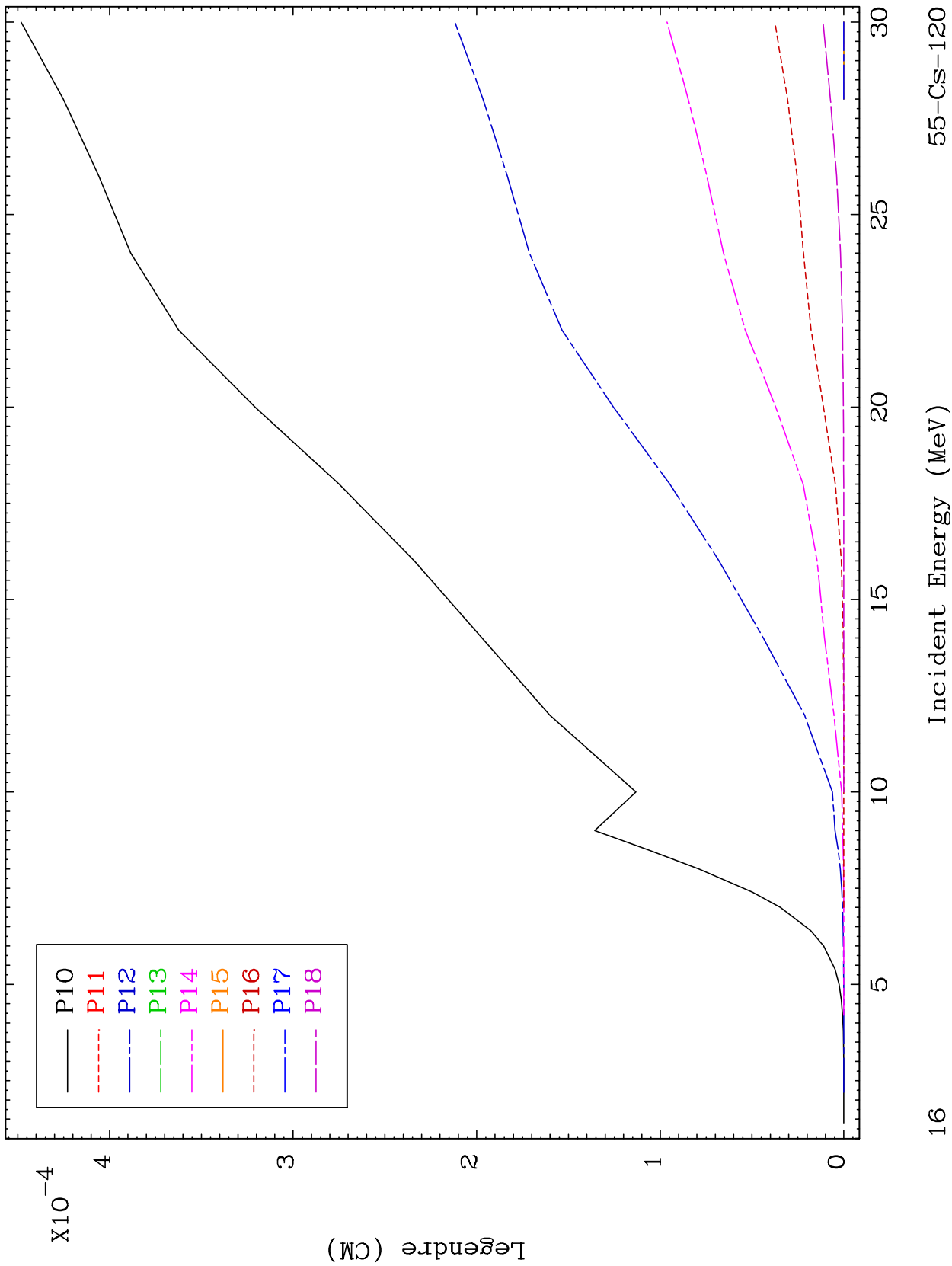




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Elastic Legendre Coefficients

55-Cs-120



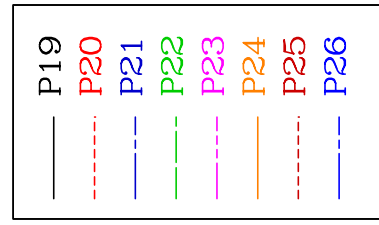
16

55-Cs-120

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Elastic
Legendre Coefficients

55-Cs-120



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

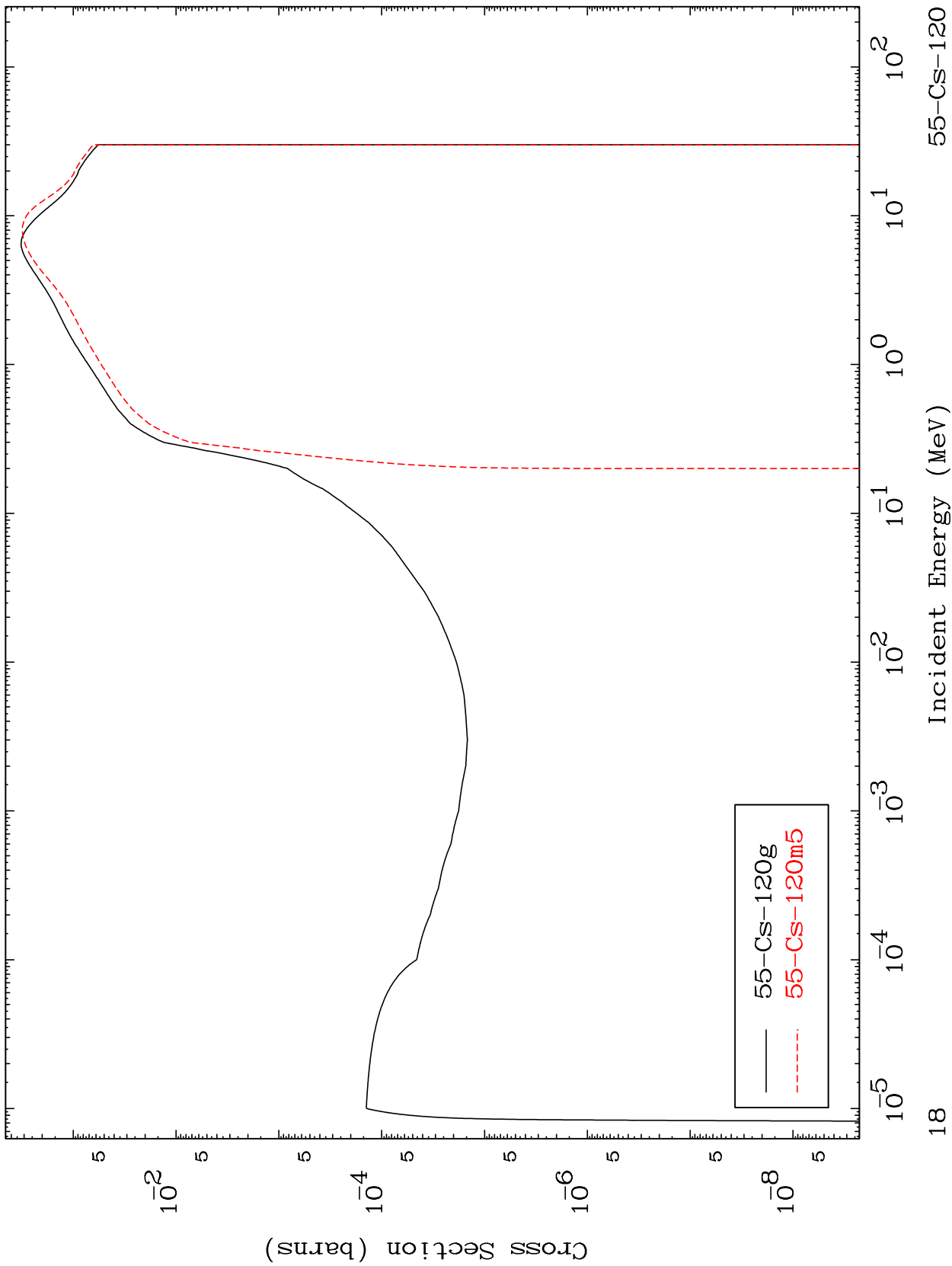
55-Cs-120



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55-Cs-120

Inelastic
Radionuclide Production Cross Section



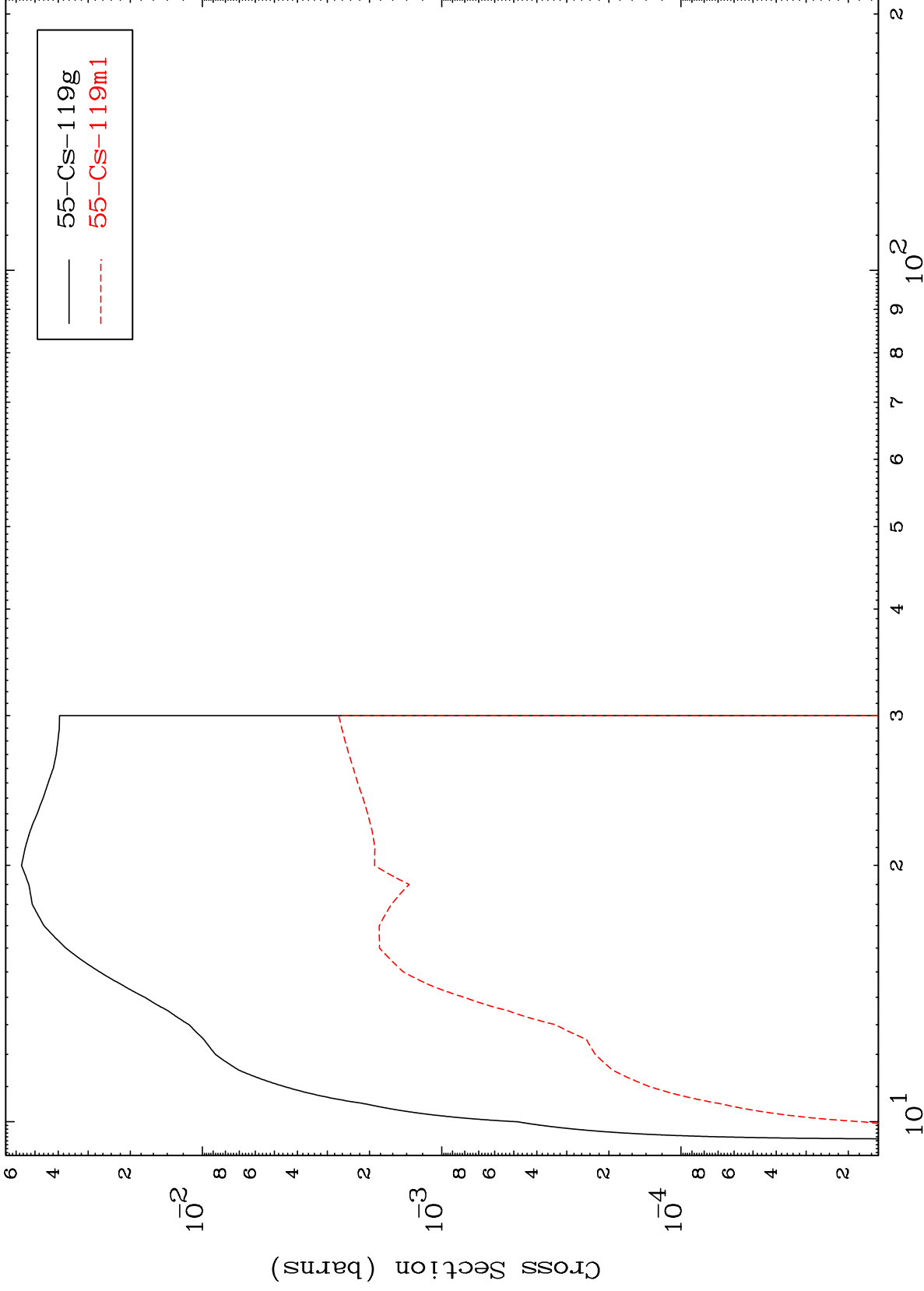
18

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(n,2n)

55-Cs-120

Radionuclide Production Cross Section



Incident Energy (MeV)

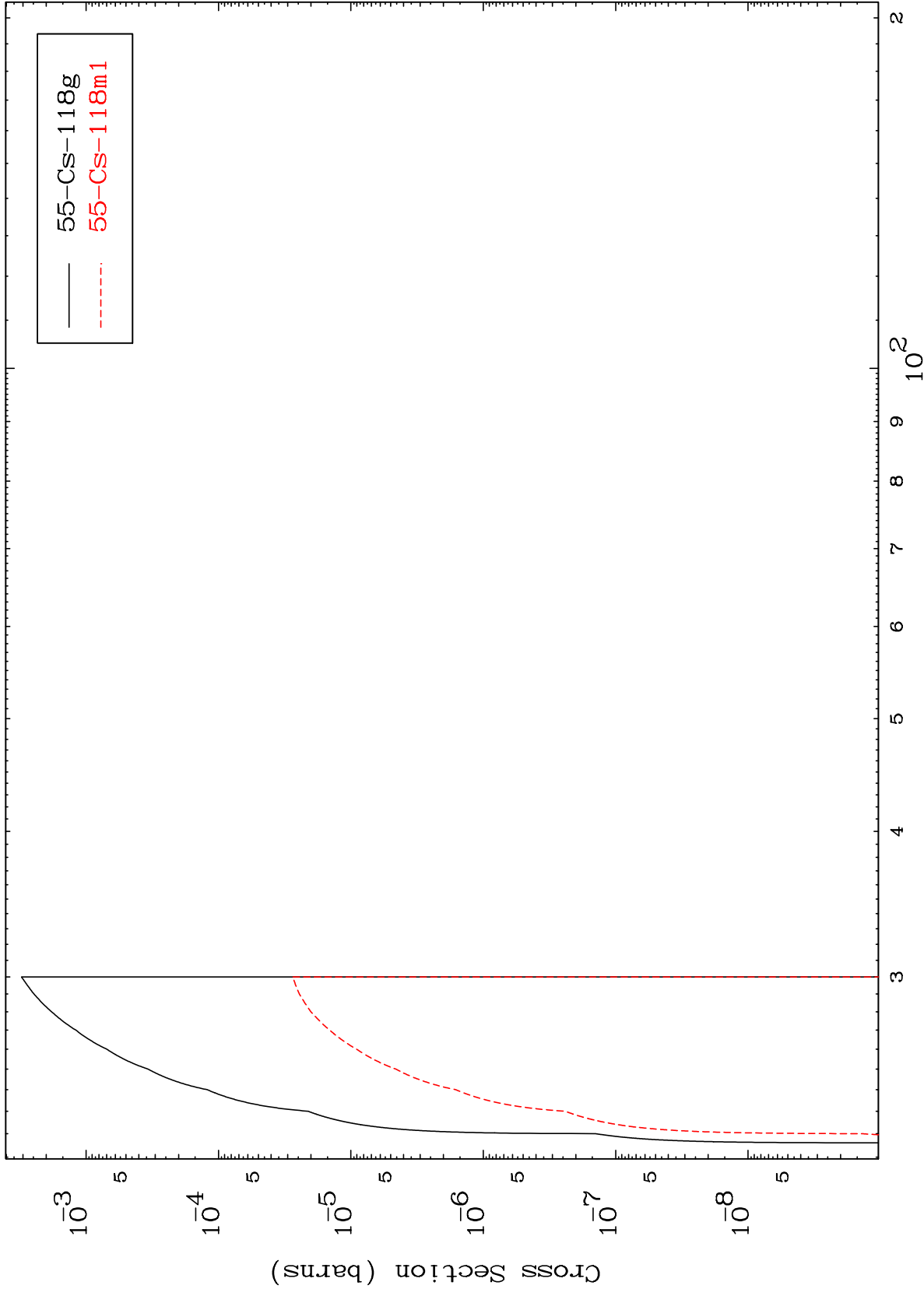
55-Cs-120

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(n,3n)

55-Cs-120

Radionuclide Production Cross Section



55-Cs-118g
55-Cs-118m1

20

Incident Energy (MeV)

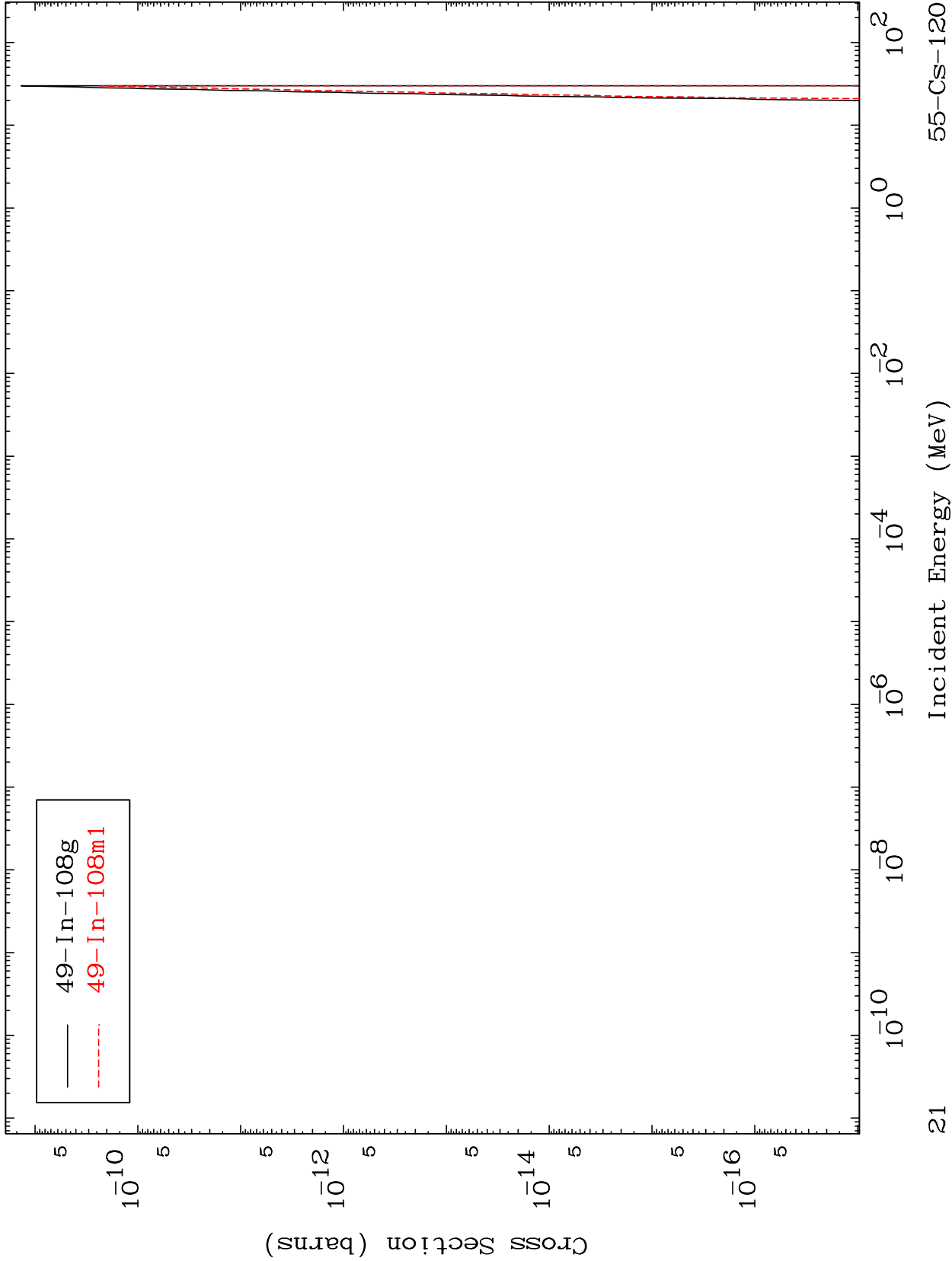
55-Cs-120

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(n,n') 3 α

55-Cs-120

Radionuclide Production Cross Section

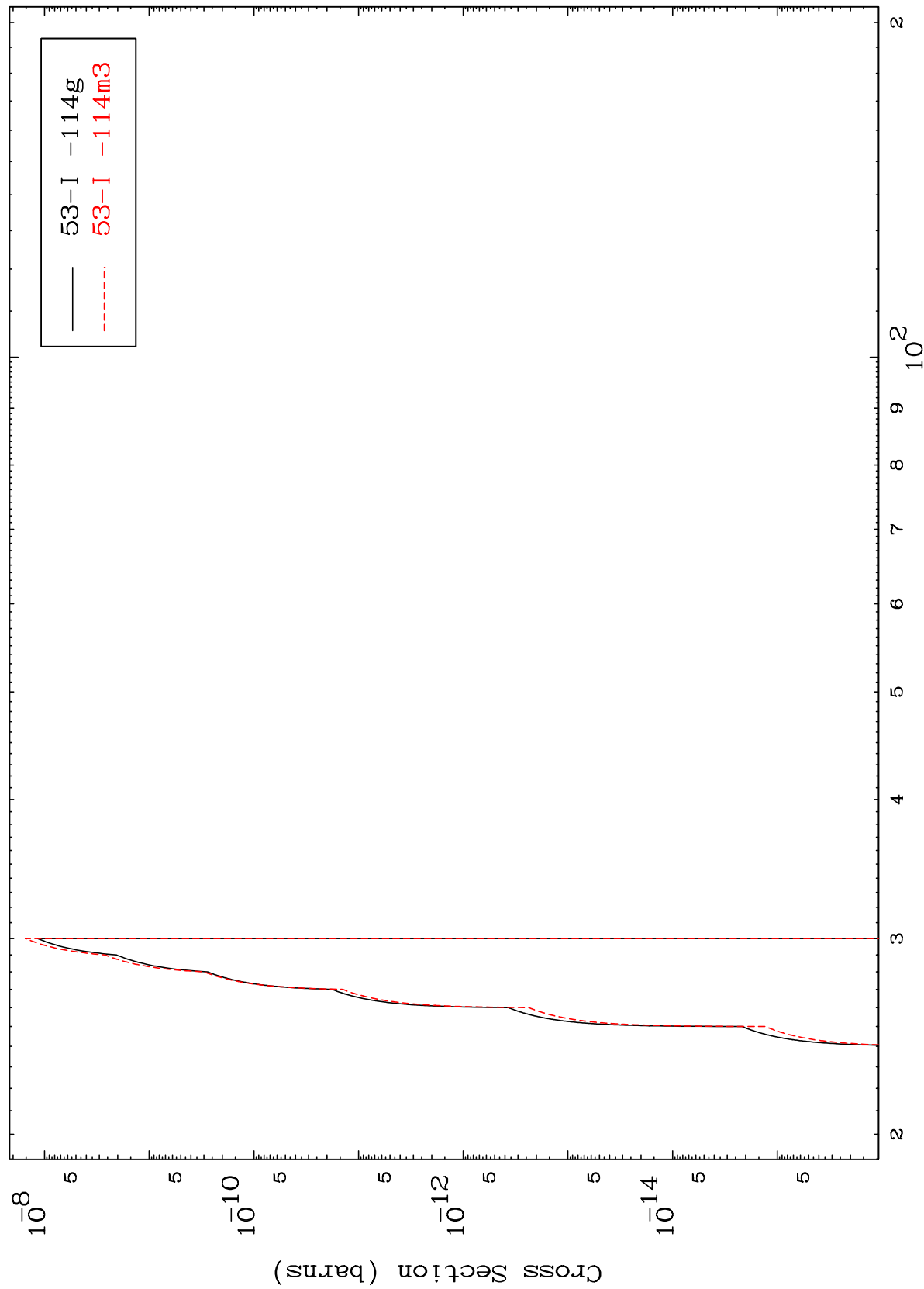


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(n,3n) α

55-Cs-120

Radionuclide Production Cross Section



22

Incident Energy (MeV)

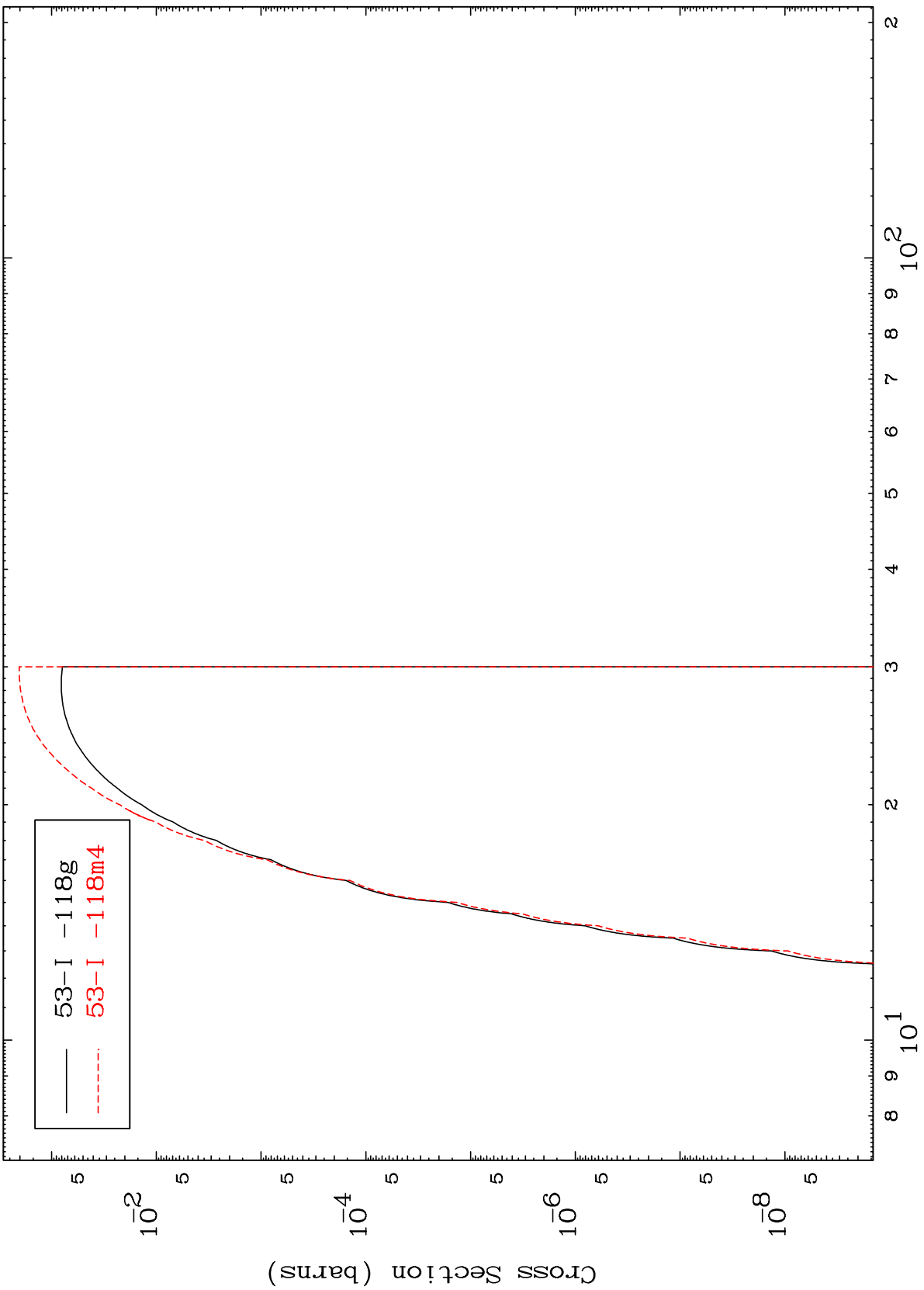
55-Cs-120

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(n,2n) p

55-Cs-120

Radionuclide Production Cross Section



23

Incident Energy (MeV)

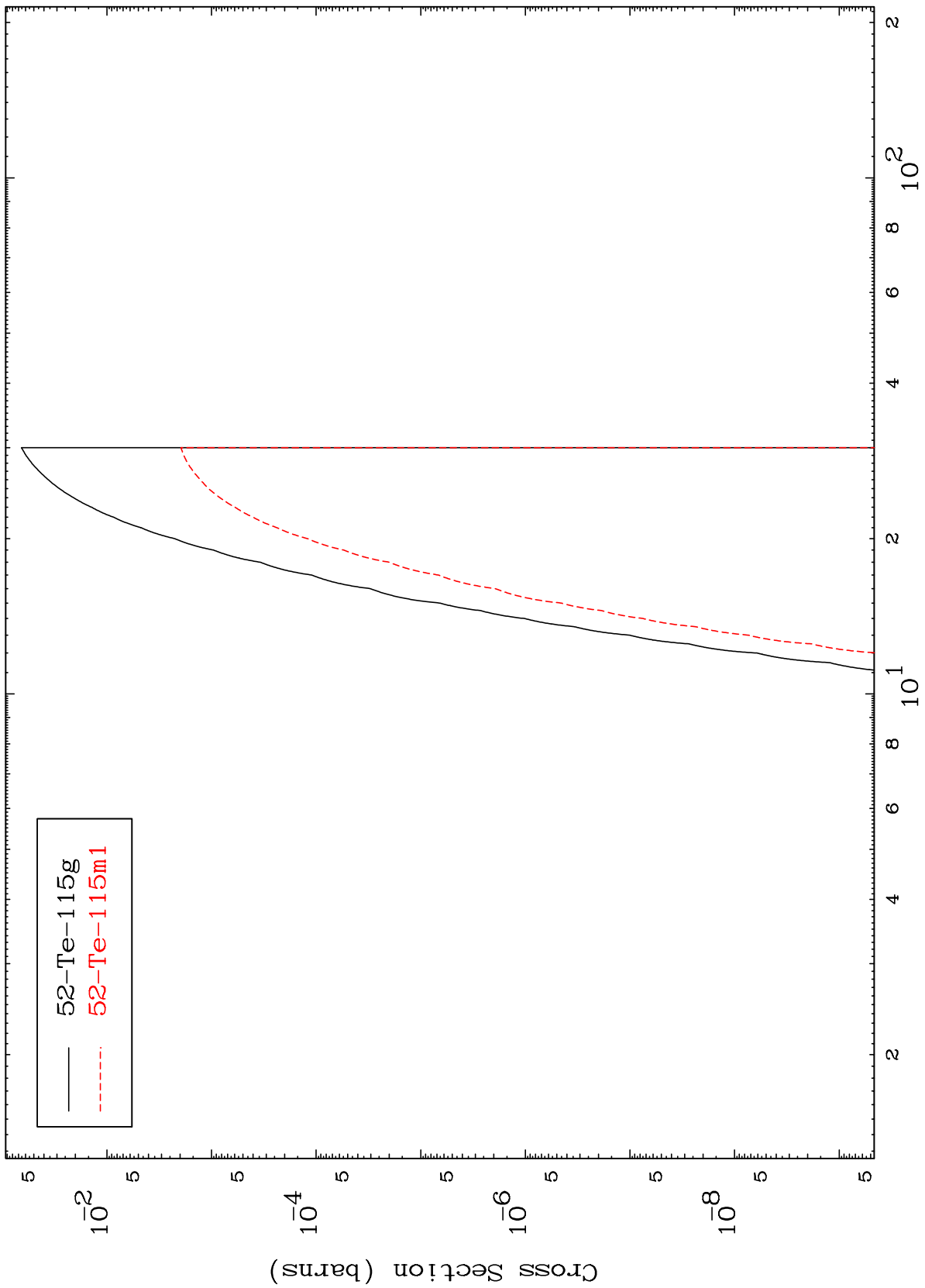
55-Cs-120

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(n,n') p α

55-Cs-120

Radionuclide Production Cross Section



24

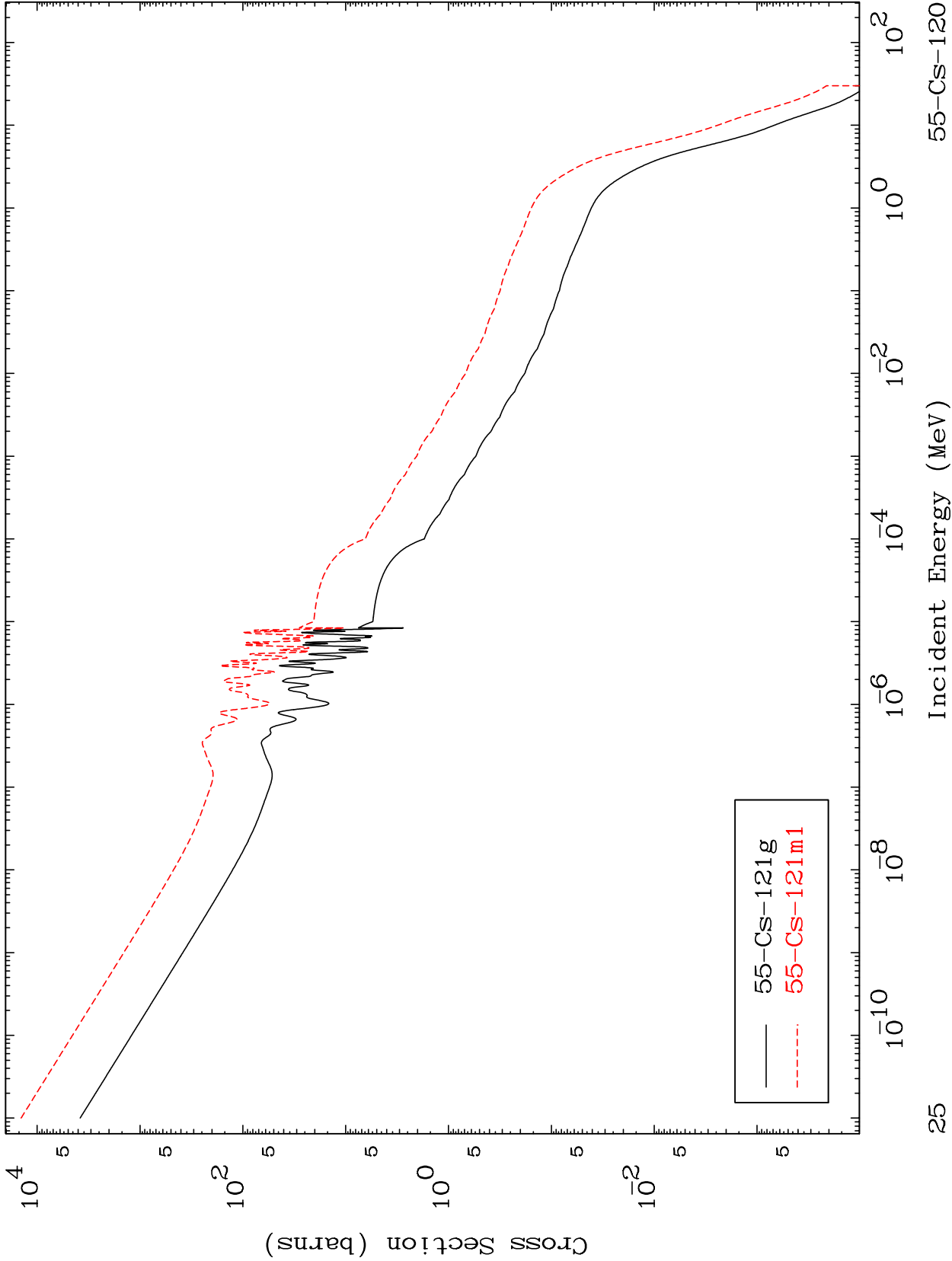
Incident Energy (MeV)

55-Cs-120

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55-Cs-120

(n, γ)
Radionuclide Production Cross Section

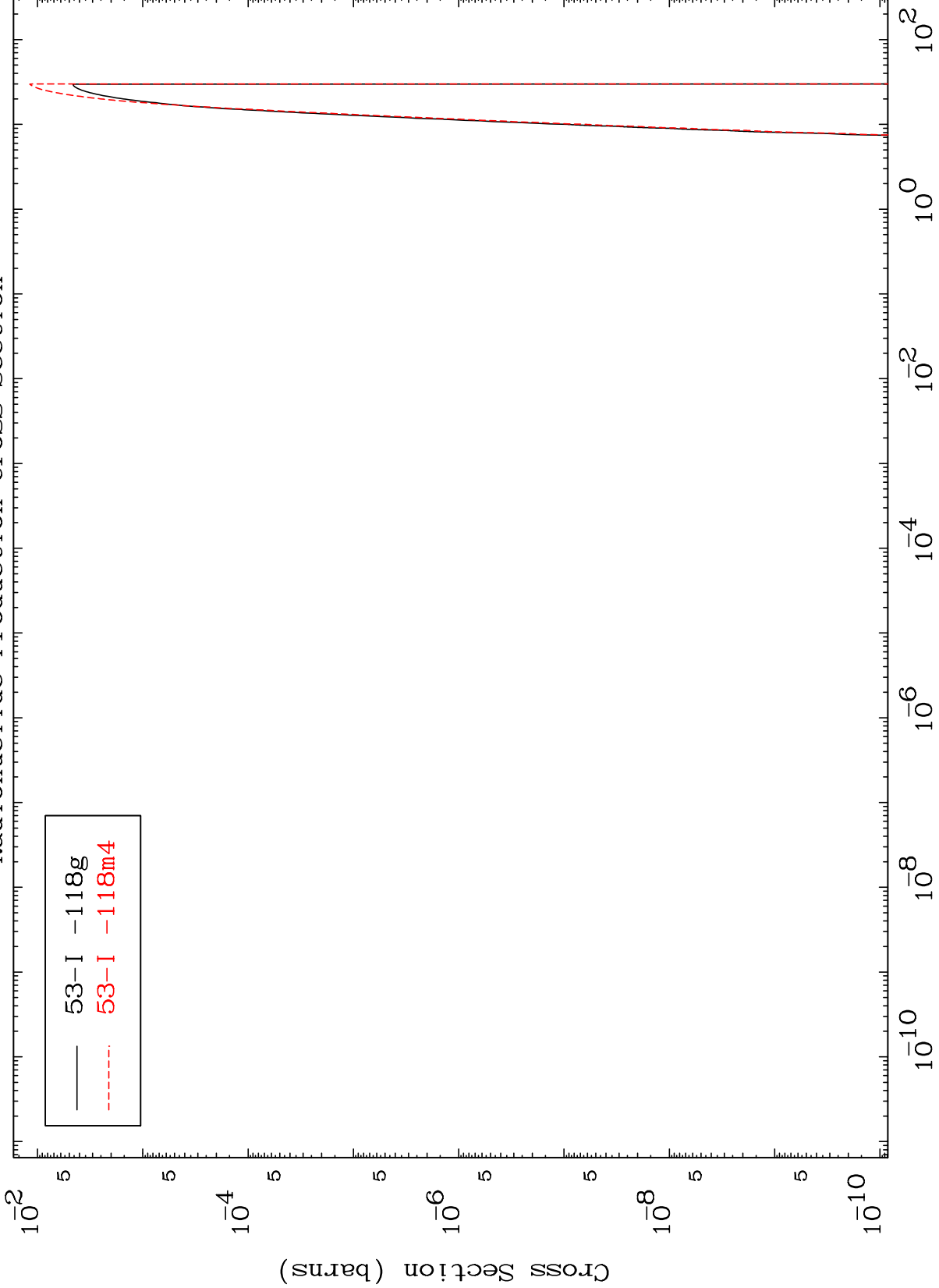


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(n,He-3)

55-Cs-120

Radionuclide Production Cross Section



26

Incident Energy (MeV)

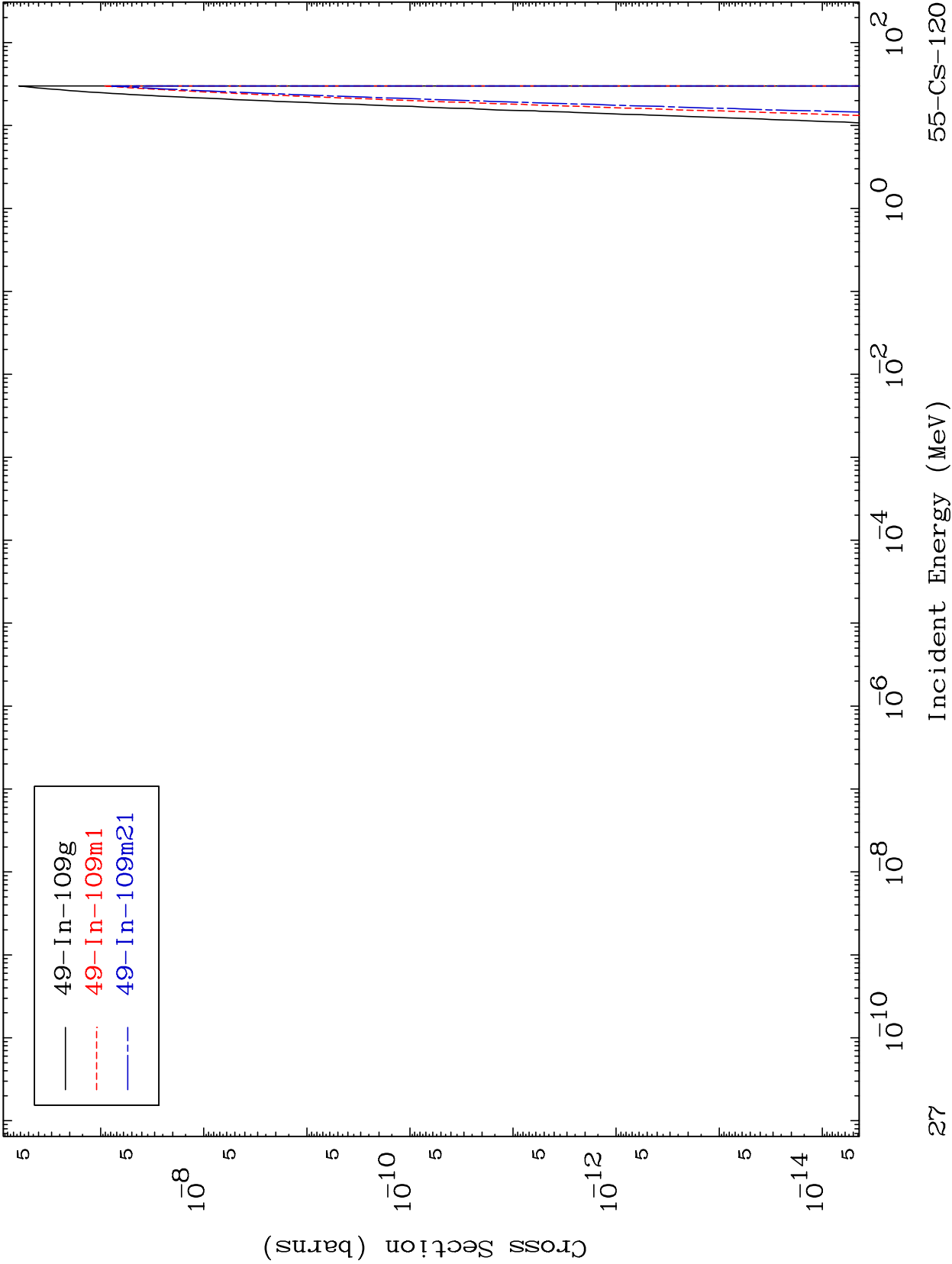
55-Cs-120

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(n,3 α)

55-Cs-120

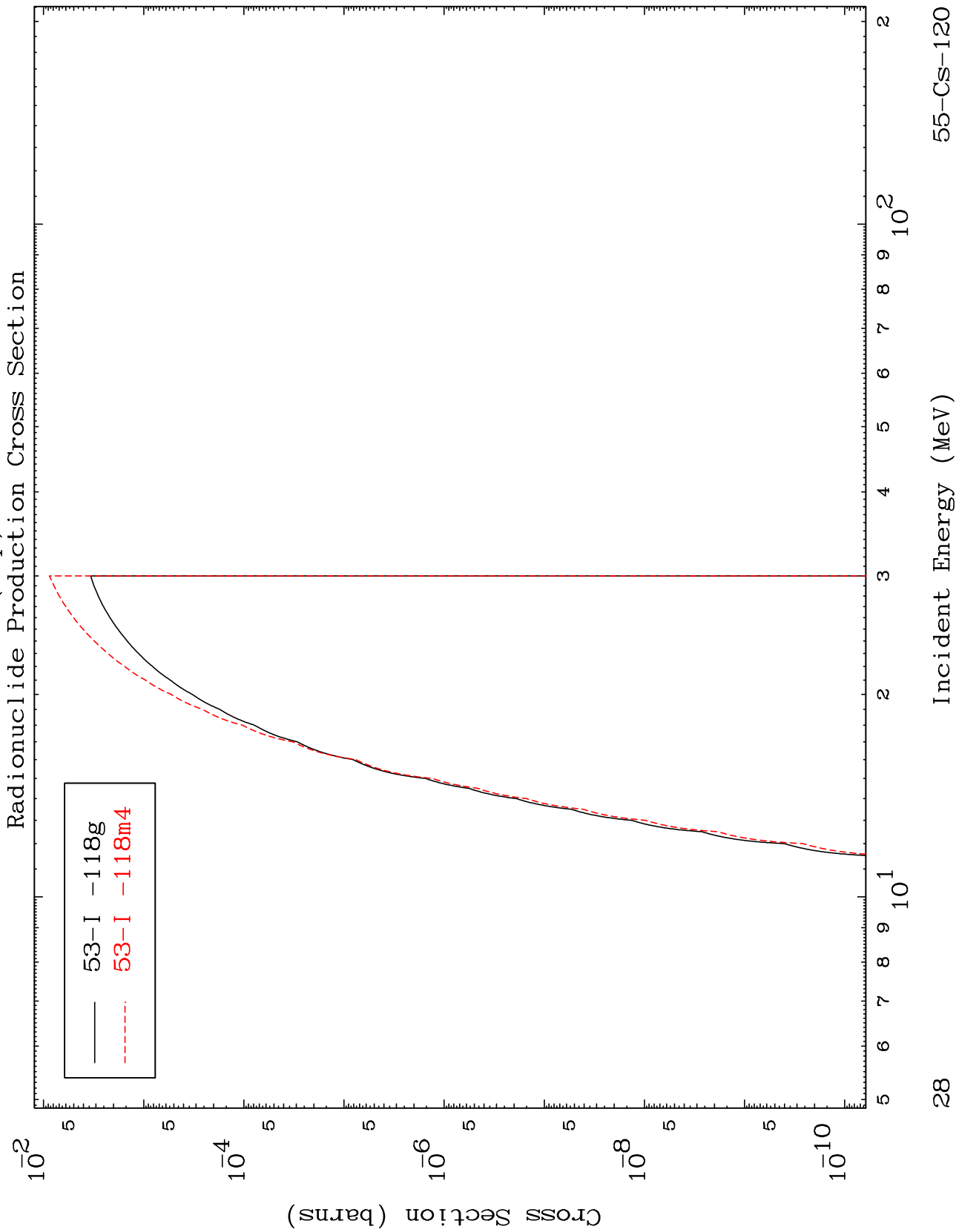
Radionuclide Production Cross Section



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(n,p) d

55-Cs-120



53-I -118g
53-I -118m4

MAT 5487

(n,d) α

55-Cs-120

Radionuclide Production Cross Section

