

Program EVALPLOT
(Version 2021-1)

by

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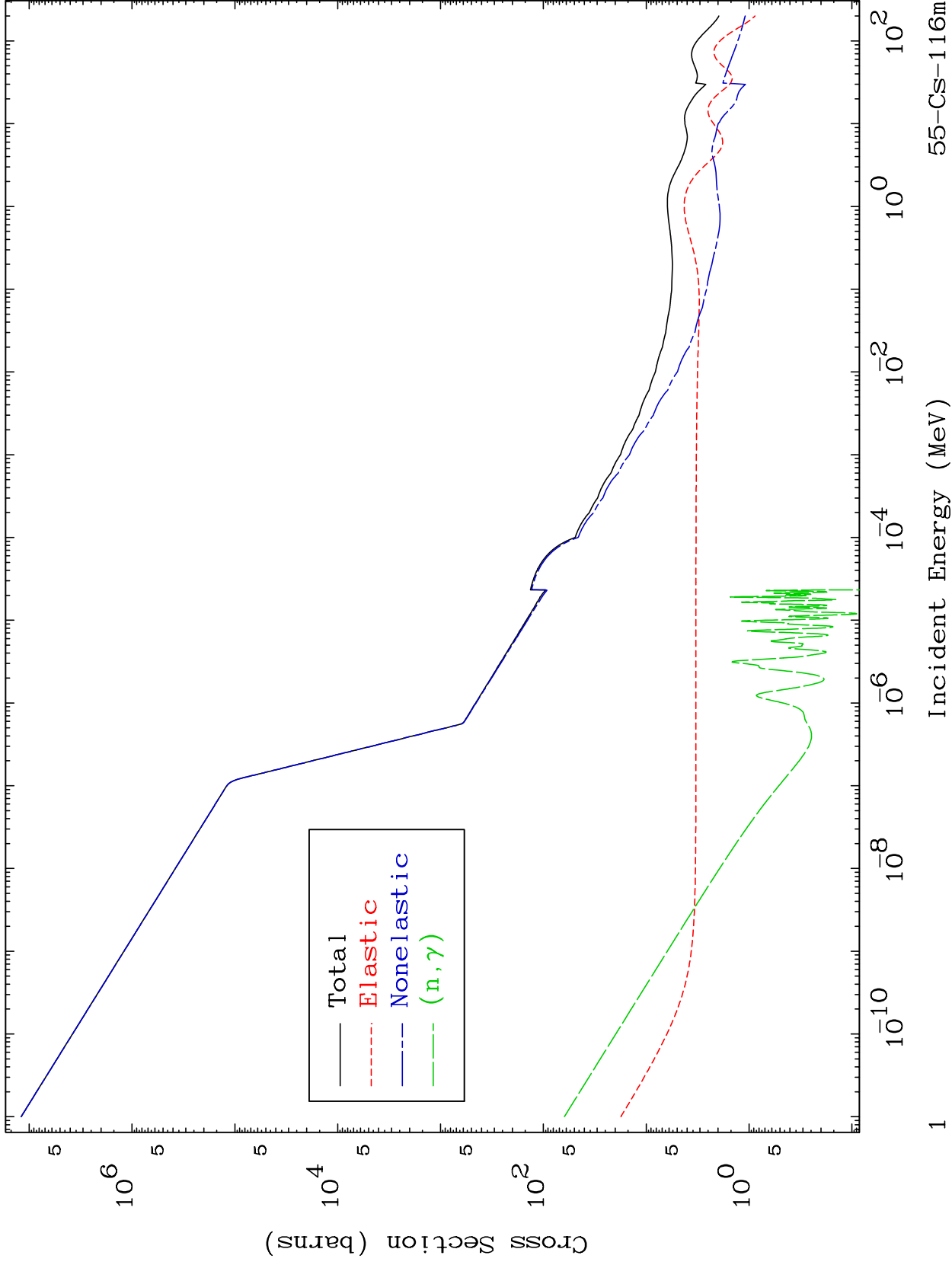
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Press Mouse Button to Start

MAT 5475

Neutron Major
293 Kelvin Cross Sections

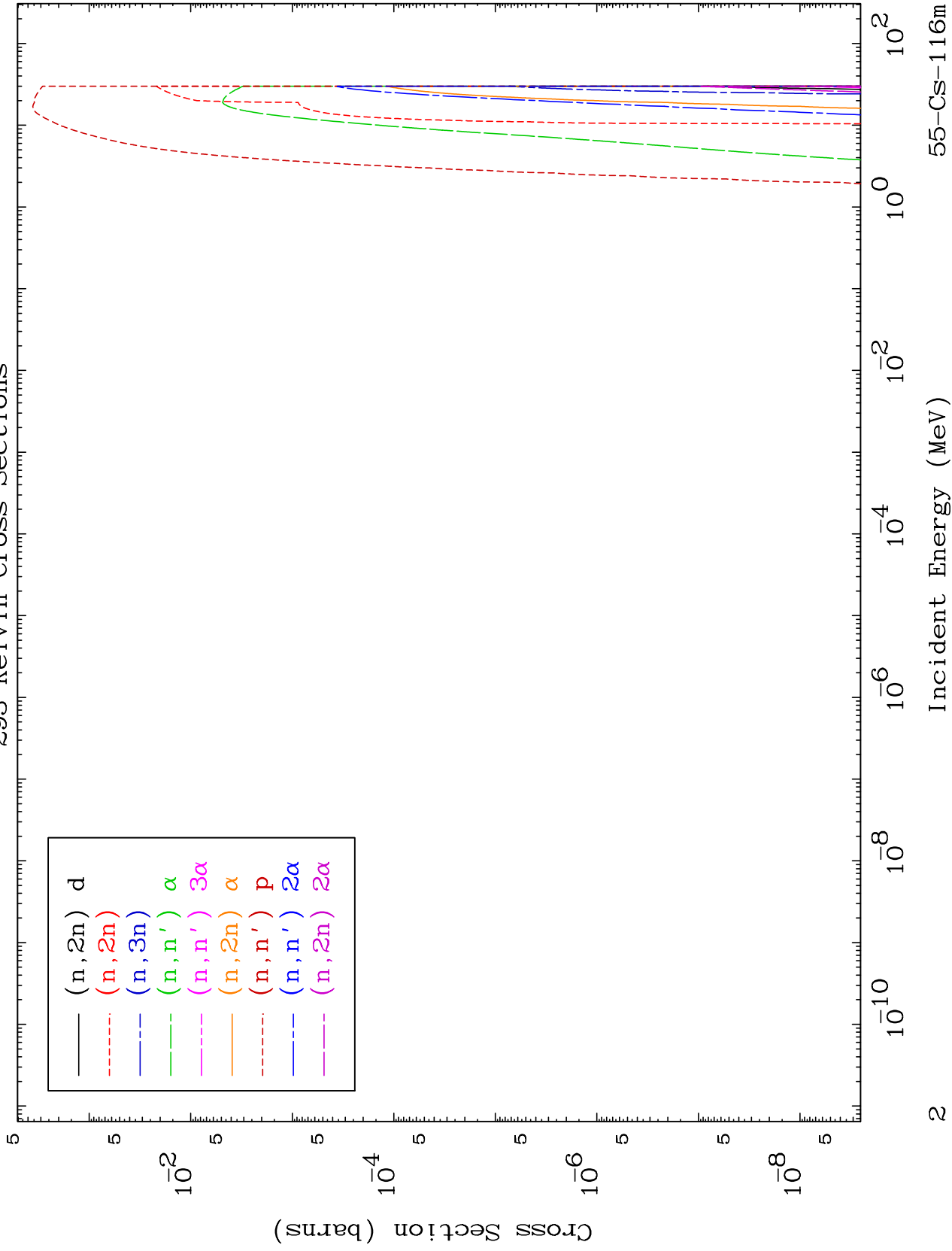
55-Cs-116m



MAT 5475

Neutron Absorption
293 Kelvin Cross Sections

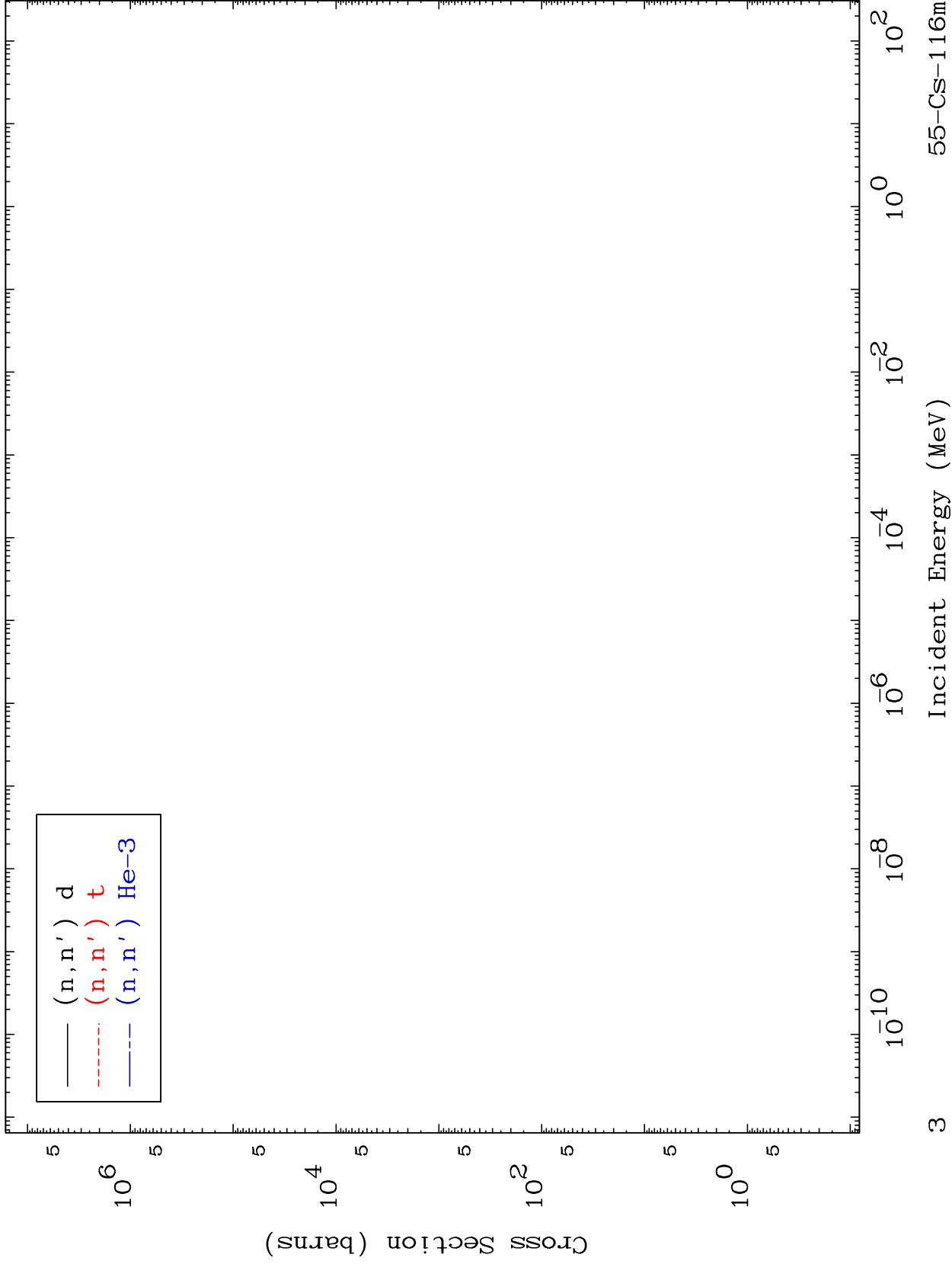
55-Cs-116m



MAT 5475

Neutron Absorption
293 Kelvin Cross Sections

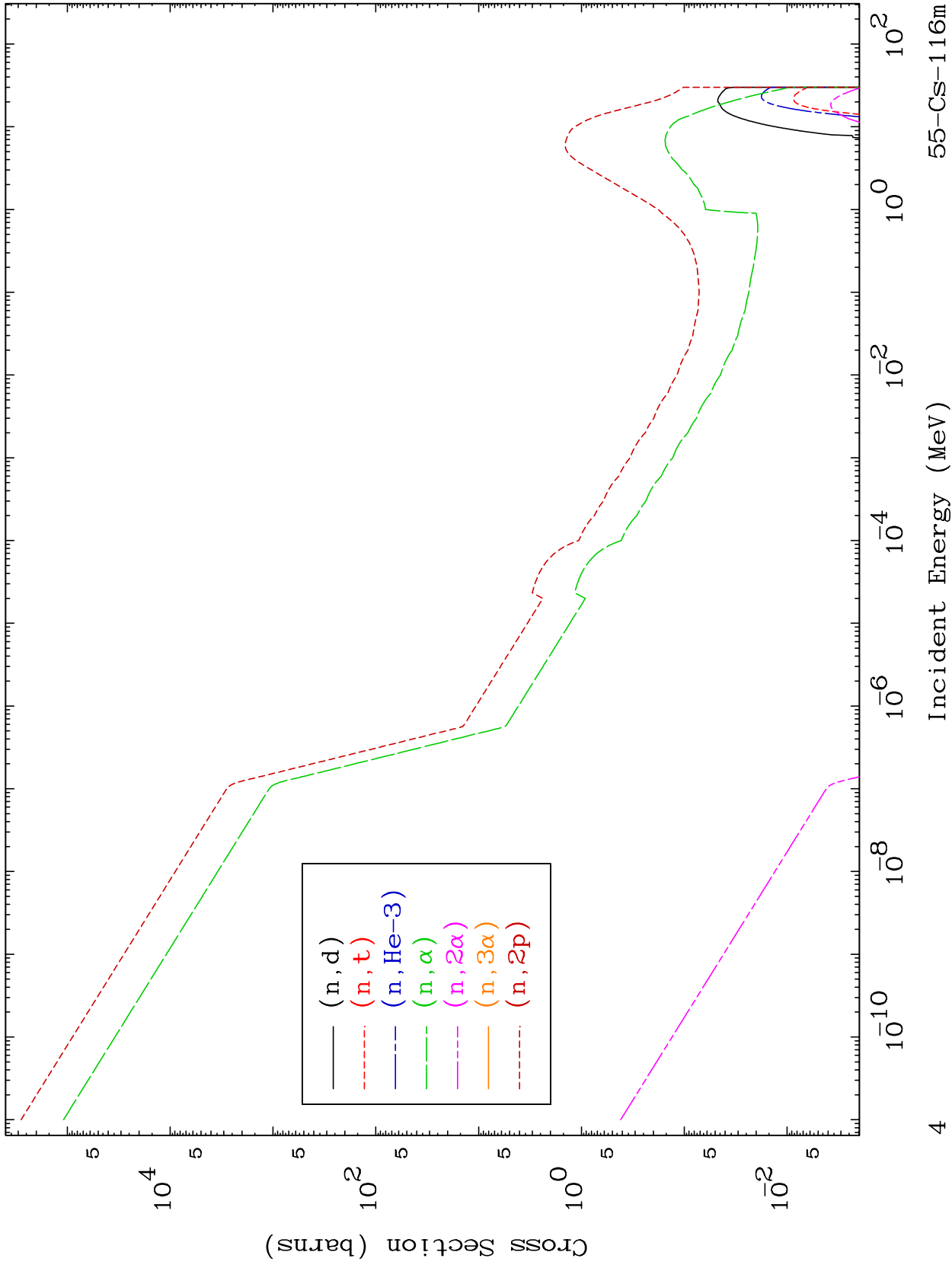
55-Cs-116m



MAT 5475

Neutron Absorption
293 Kelvin Cross Sections

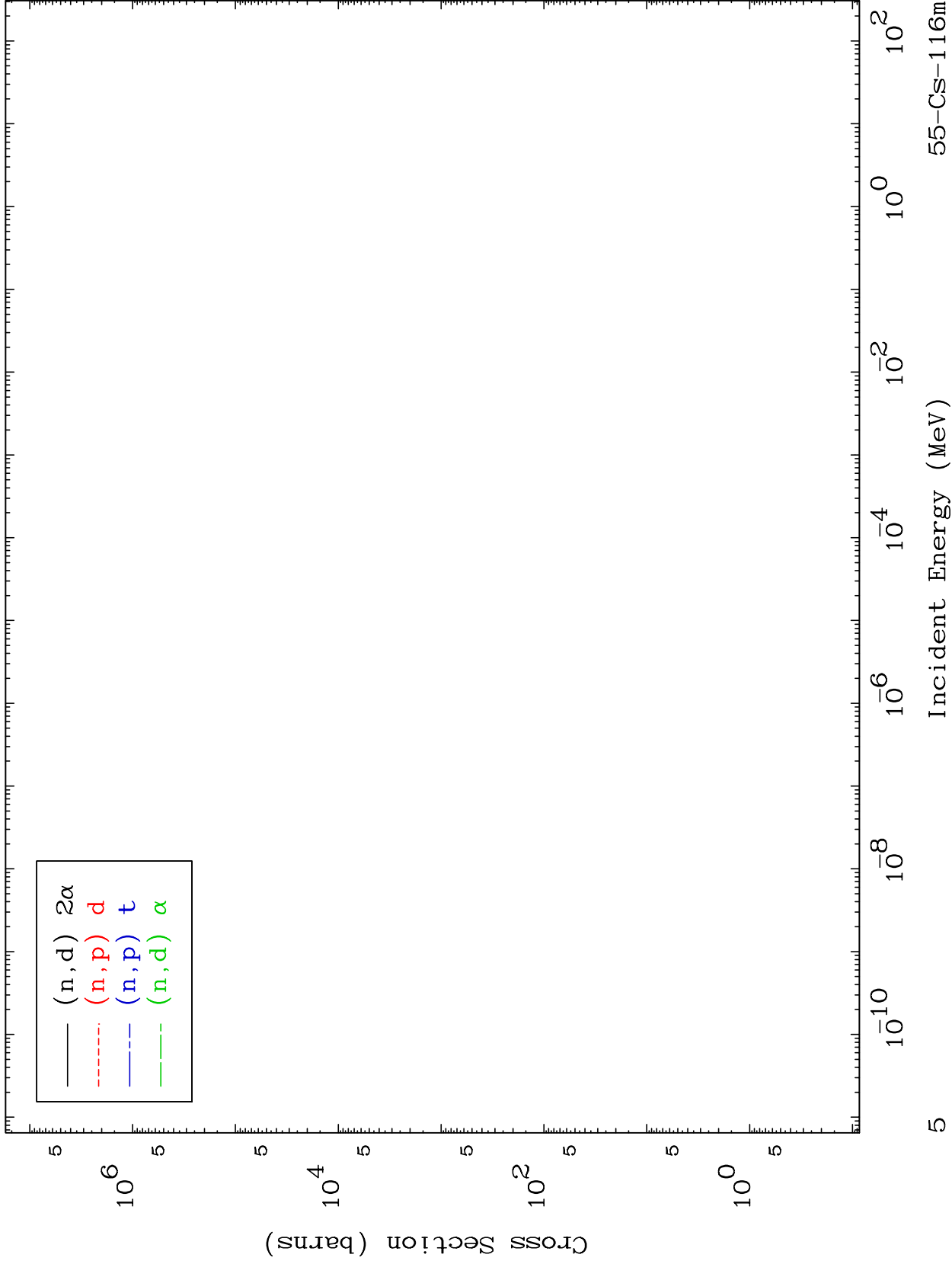
55-Cs-116m



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Neutron Absorption
293 Kelvin Cross Sections

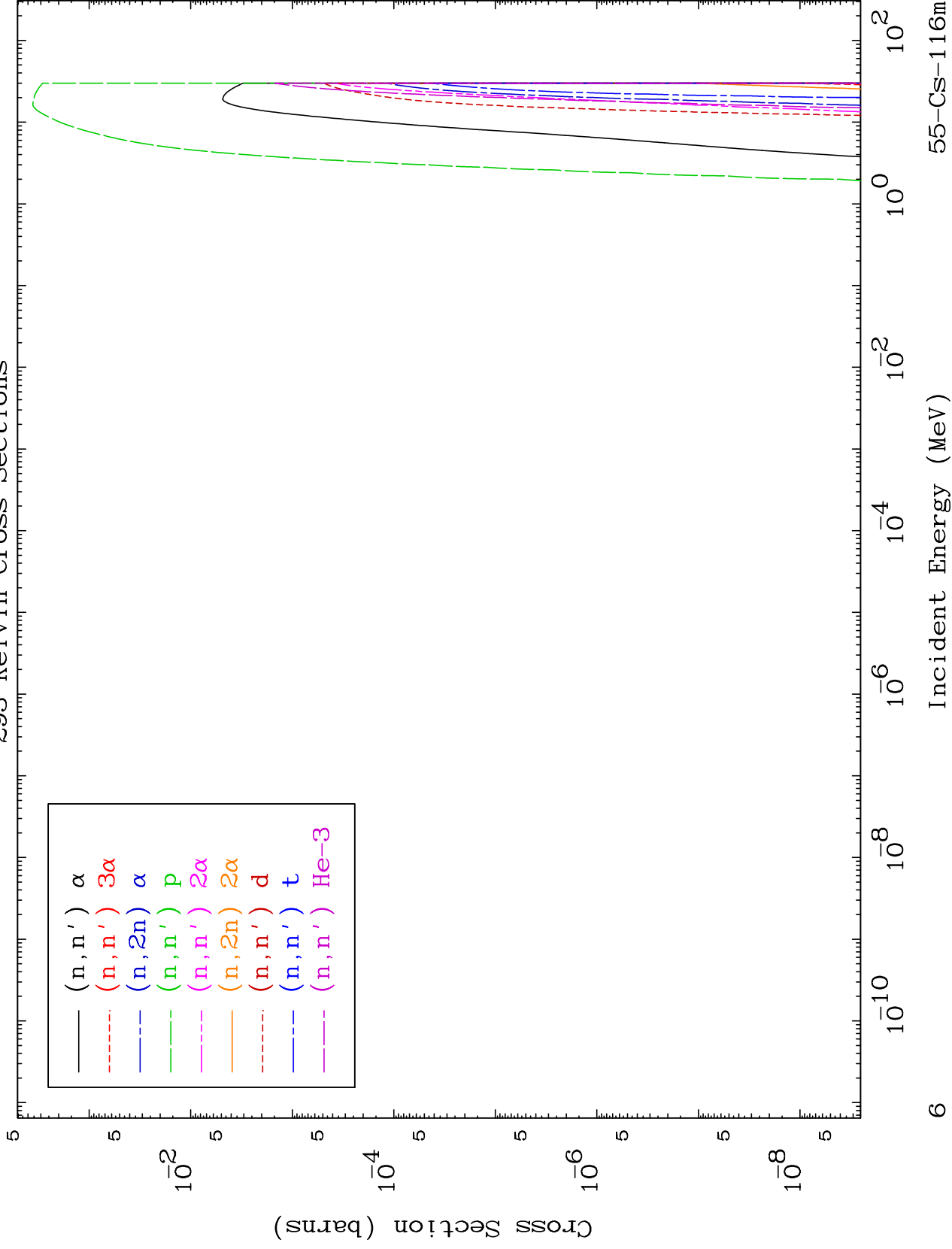
55-Cs-116m



MAT 5475

Charged Particle
293 Kelvin Cross Sections

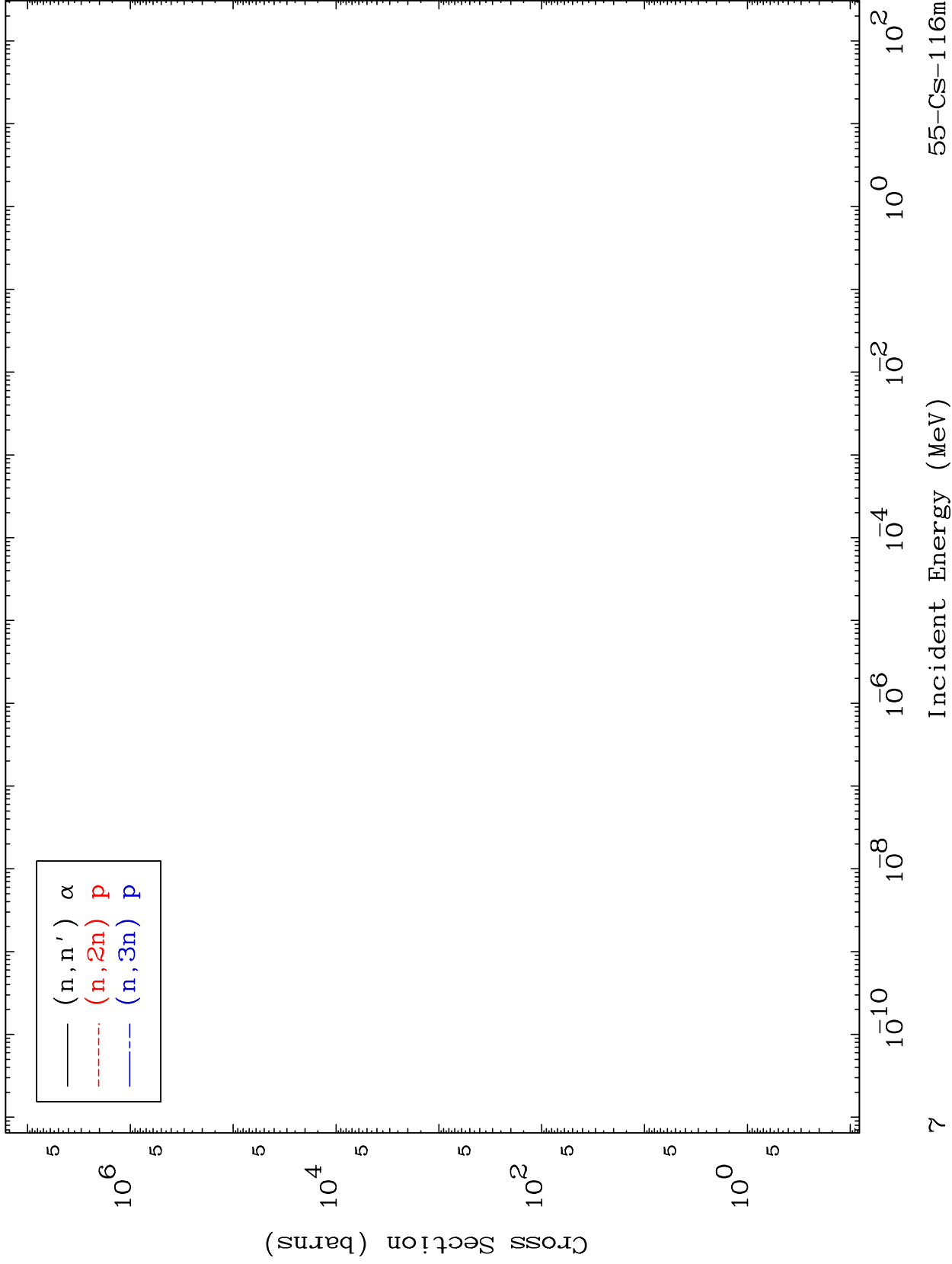
55-Cs-116m



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Charged Particle
293 Kelvin Cross Sections

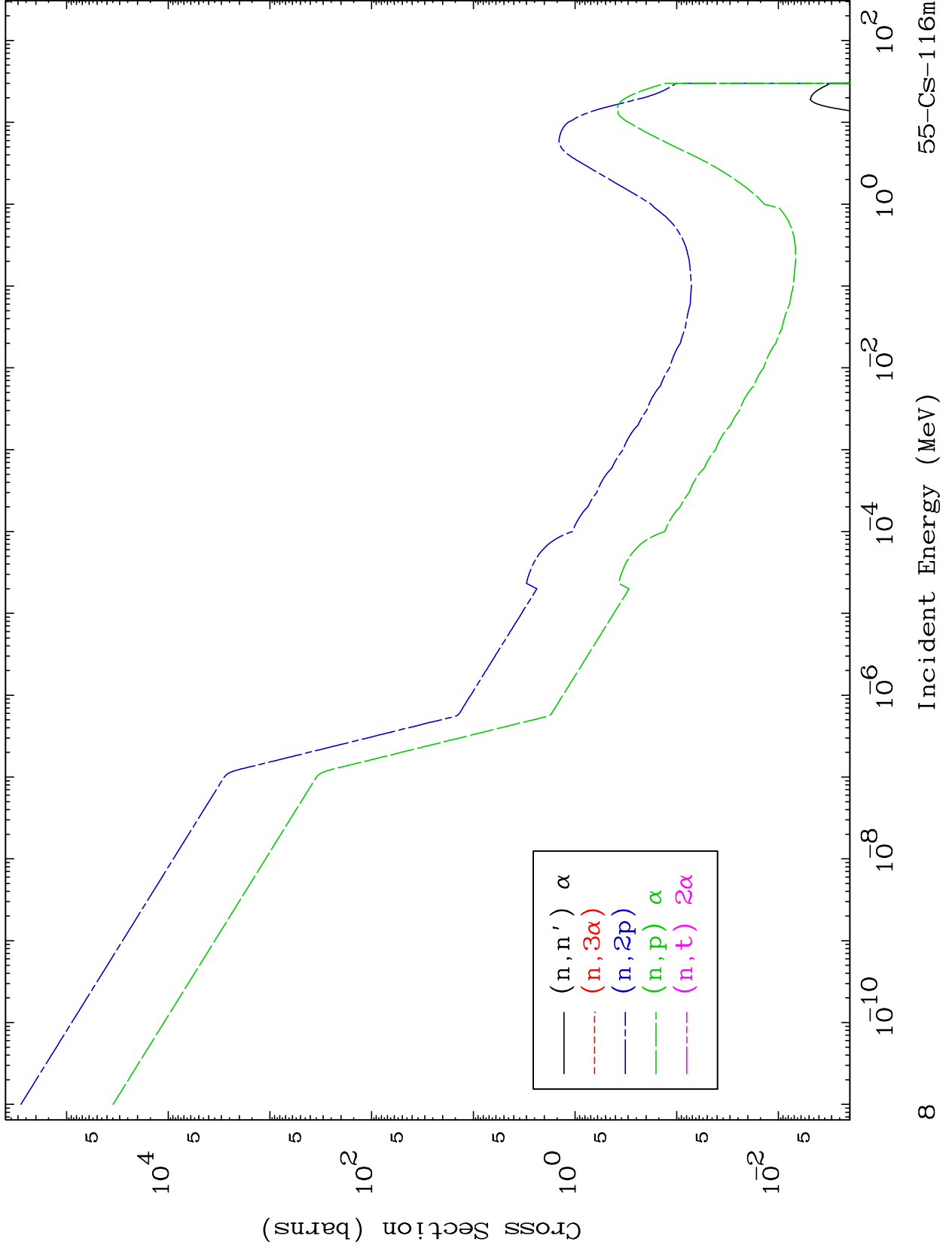
55-Cs-116m



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Charged Particle
293 Kelvin Cross Sections

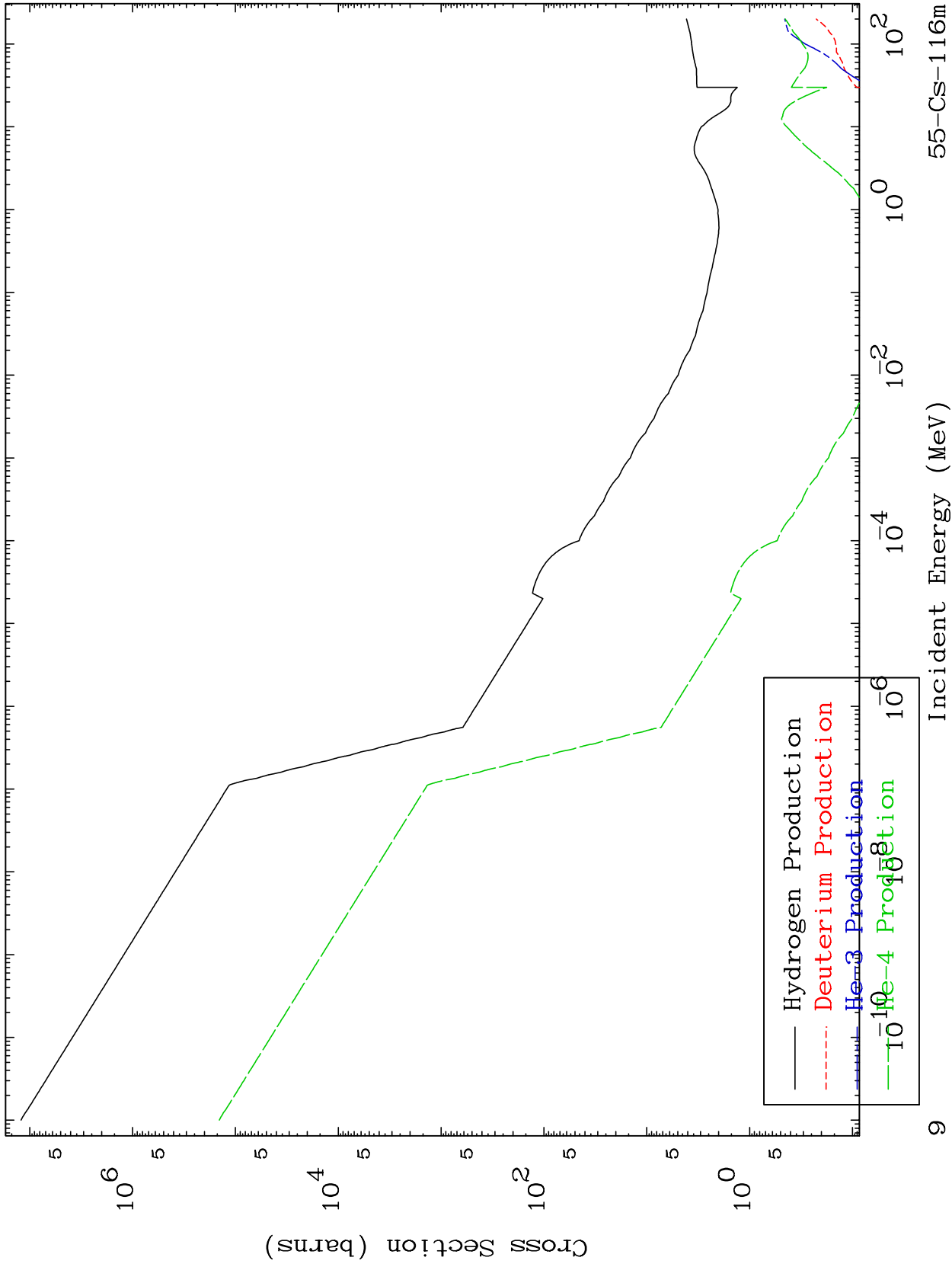
55-Cs-116m



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Particle Production
293 Kelvin Cross Sections

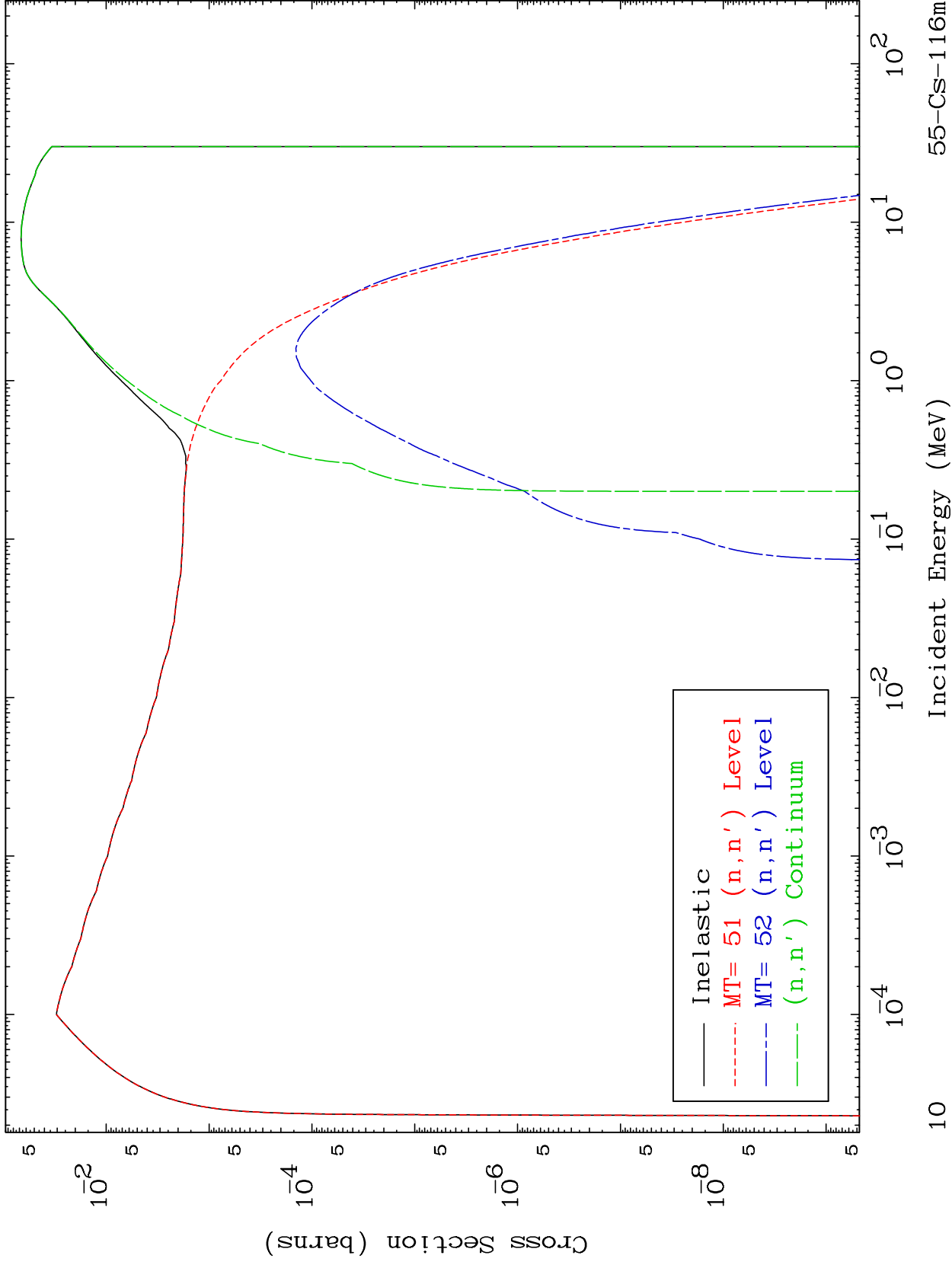
55-Cs-116m



MAT 5475

(n,n') Levels
293 Kelvin Cross Sections

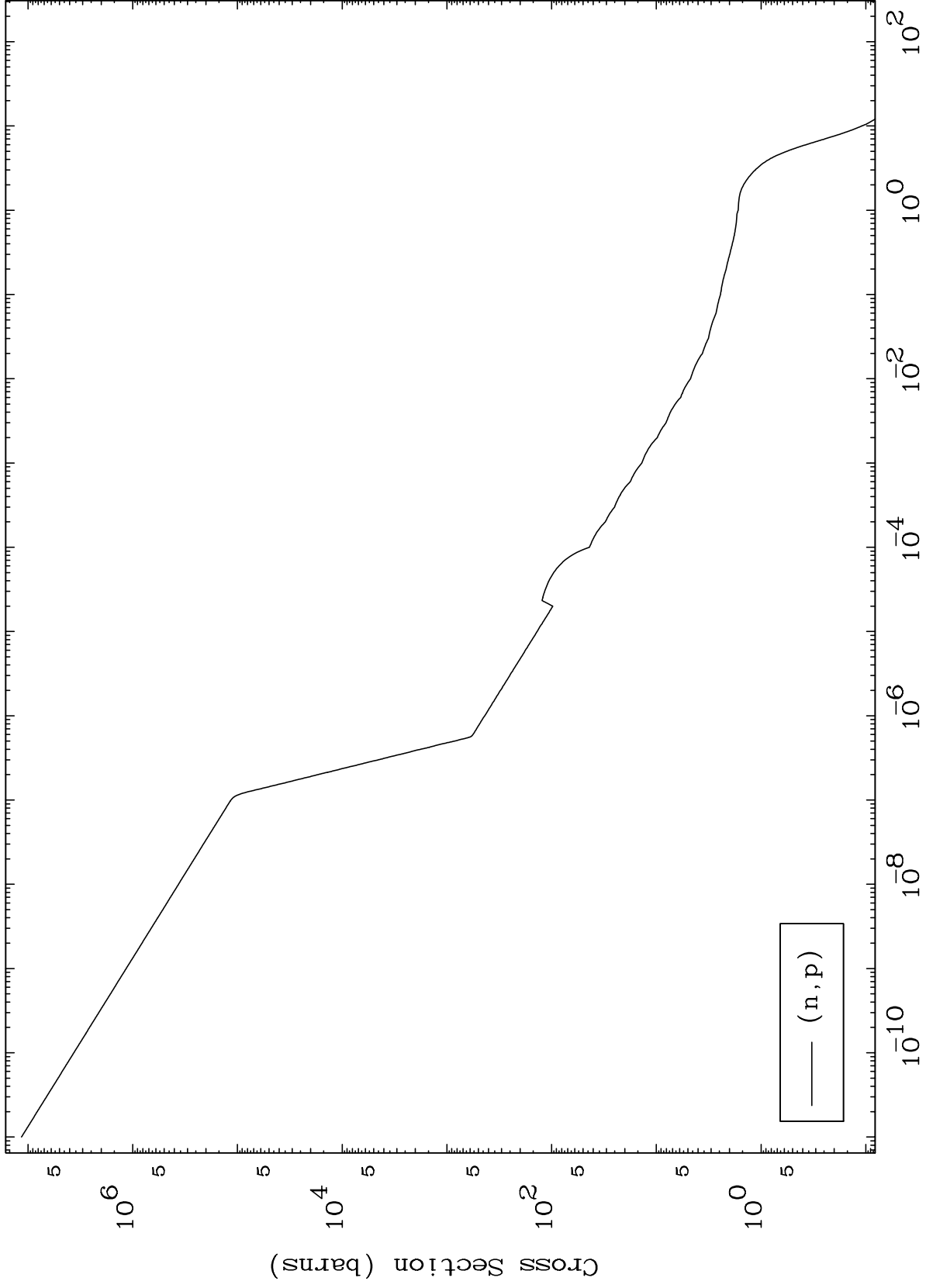
55-Cs-116m



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(n,p) Levels
293 Kelvin Cross Sections

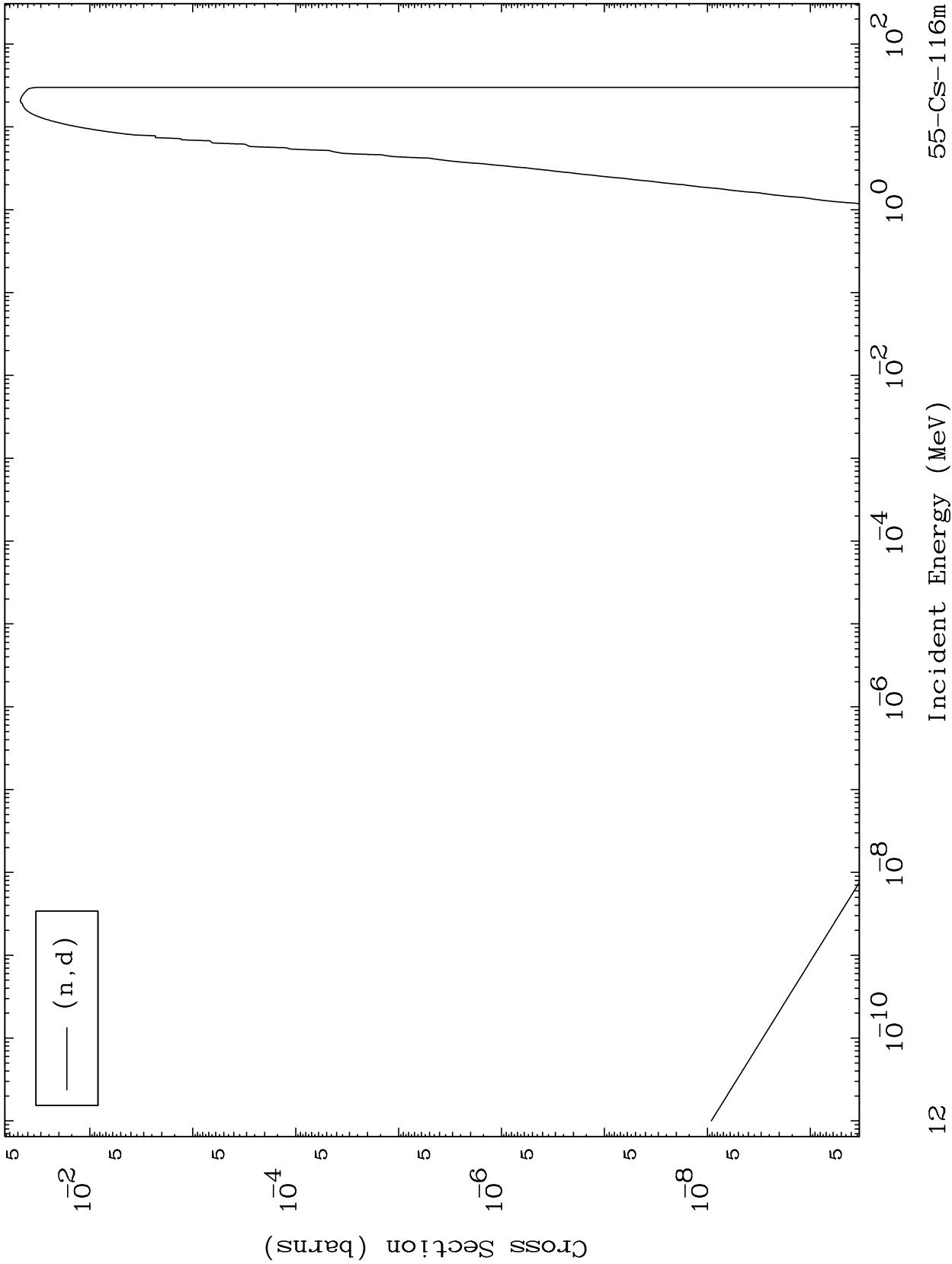
55-Cs-116m



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(n,d) Levels
293 Kelvin Cross Sections

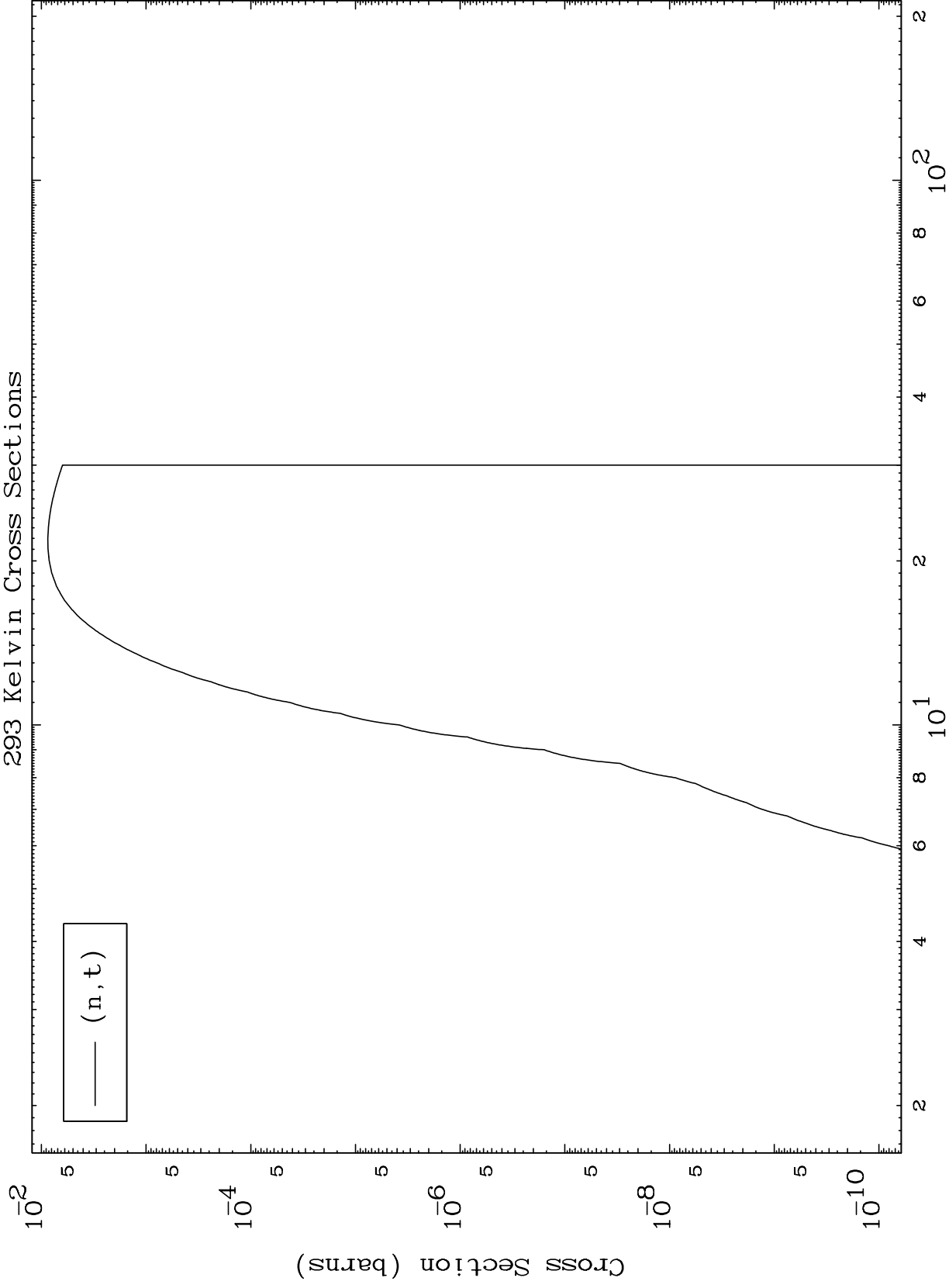
55-Cs-116m



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(n,t) Levels
293 Kelvin Cross Sections

55-Cs-116m



13

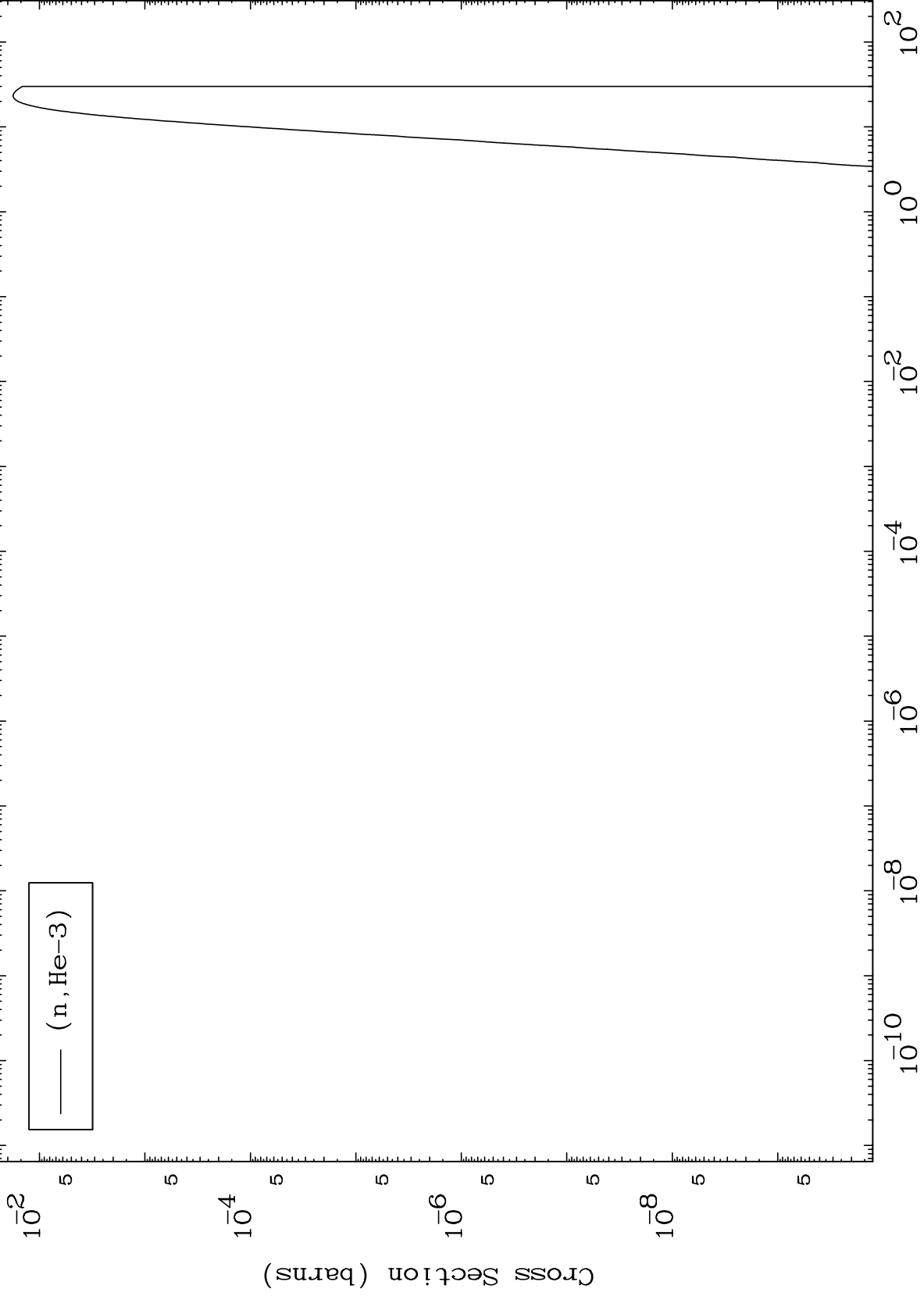
Incident Energy (MeV)

55-Cs-116m

MAT 5475

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-116m



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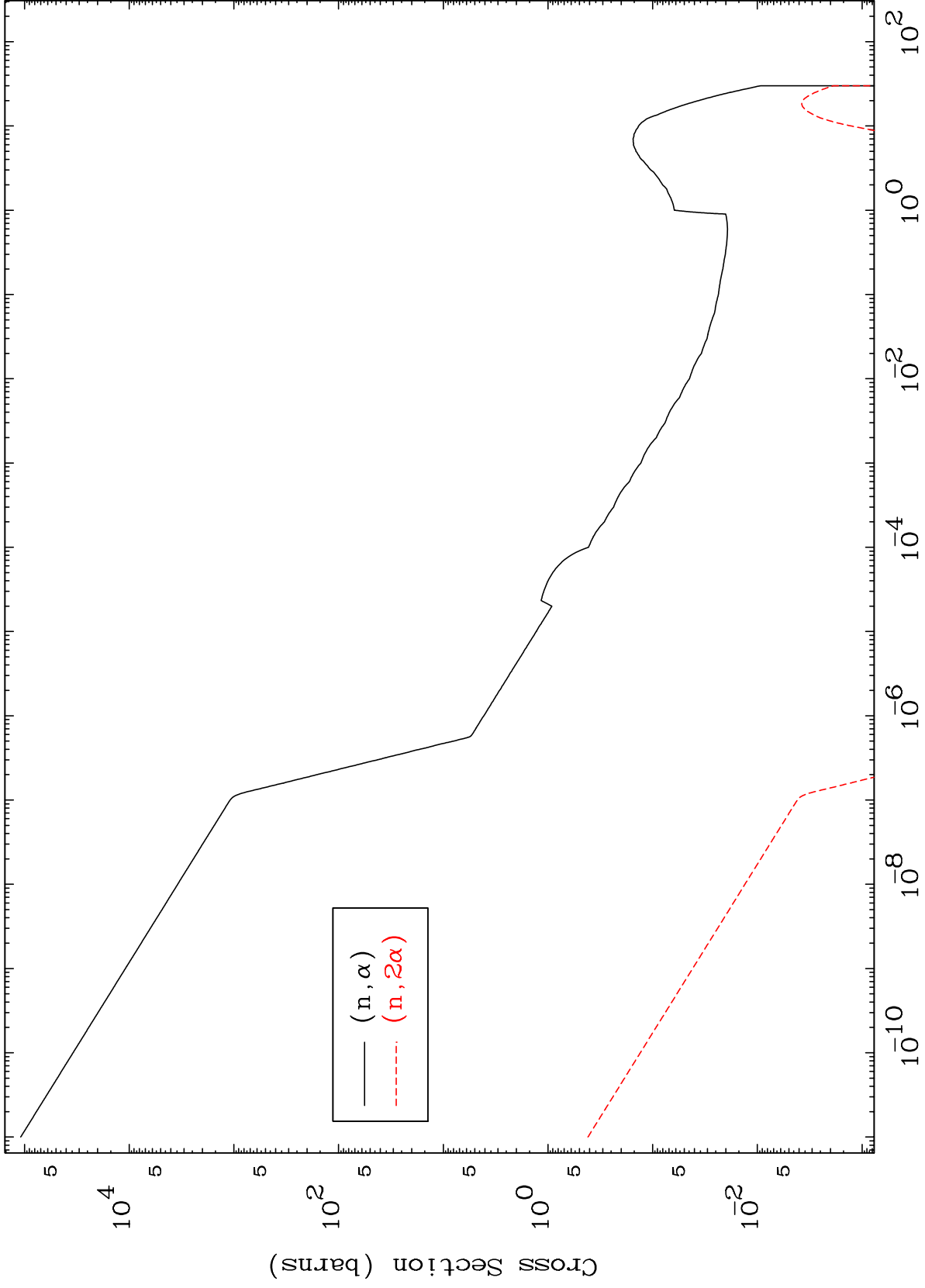
Incident Energy (MeV)

55-Cs-116m

MAT 5475

(n,α) Levels
293 Kelvin Cross Sections

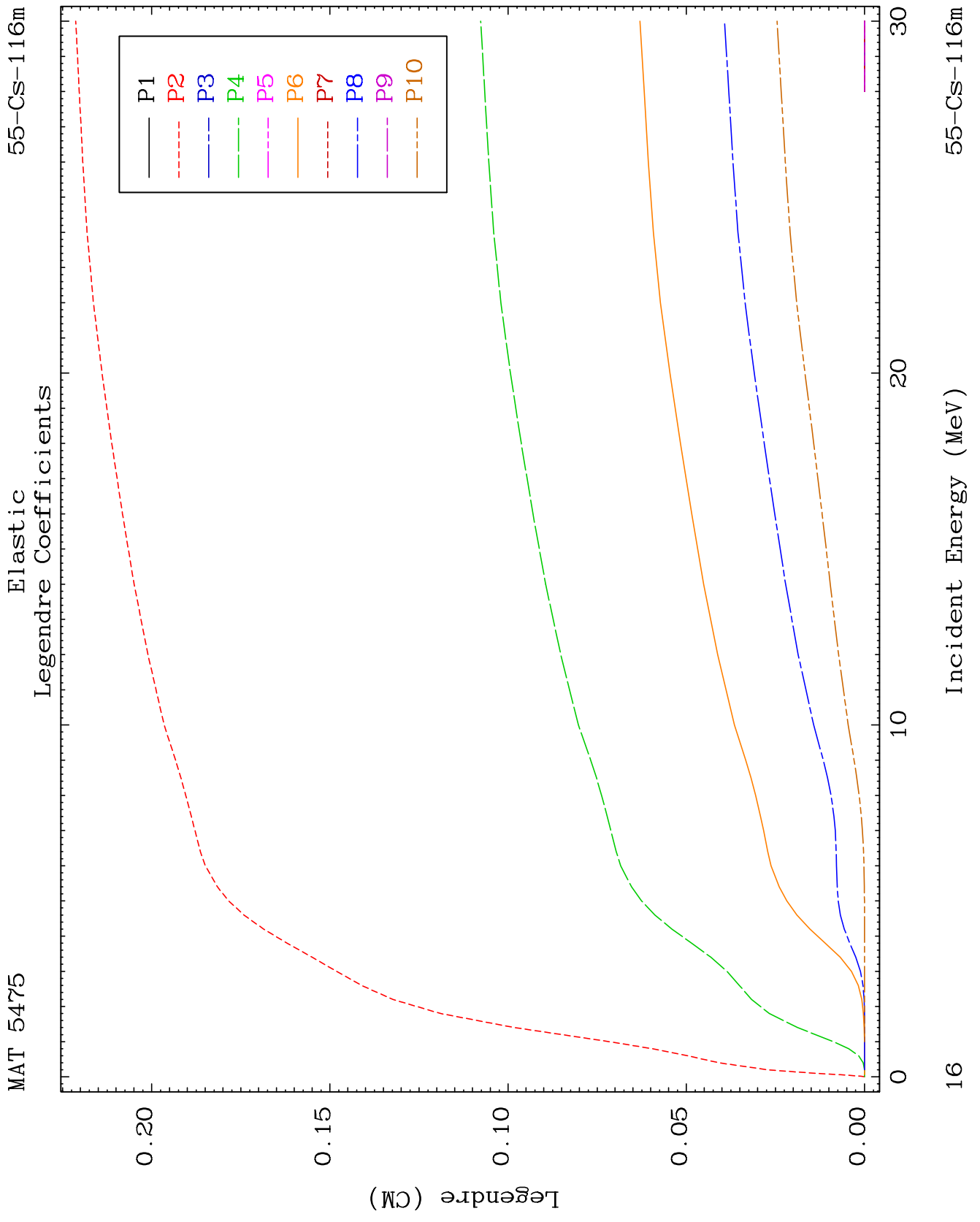
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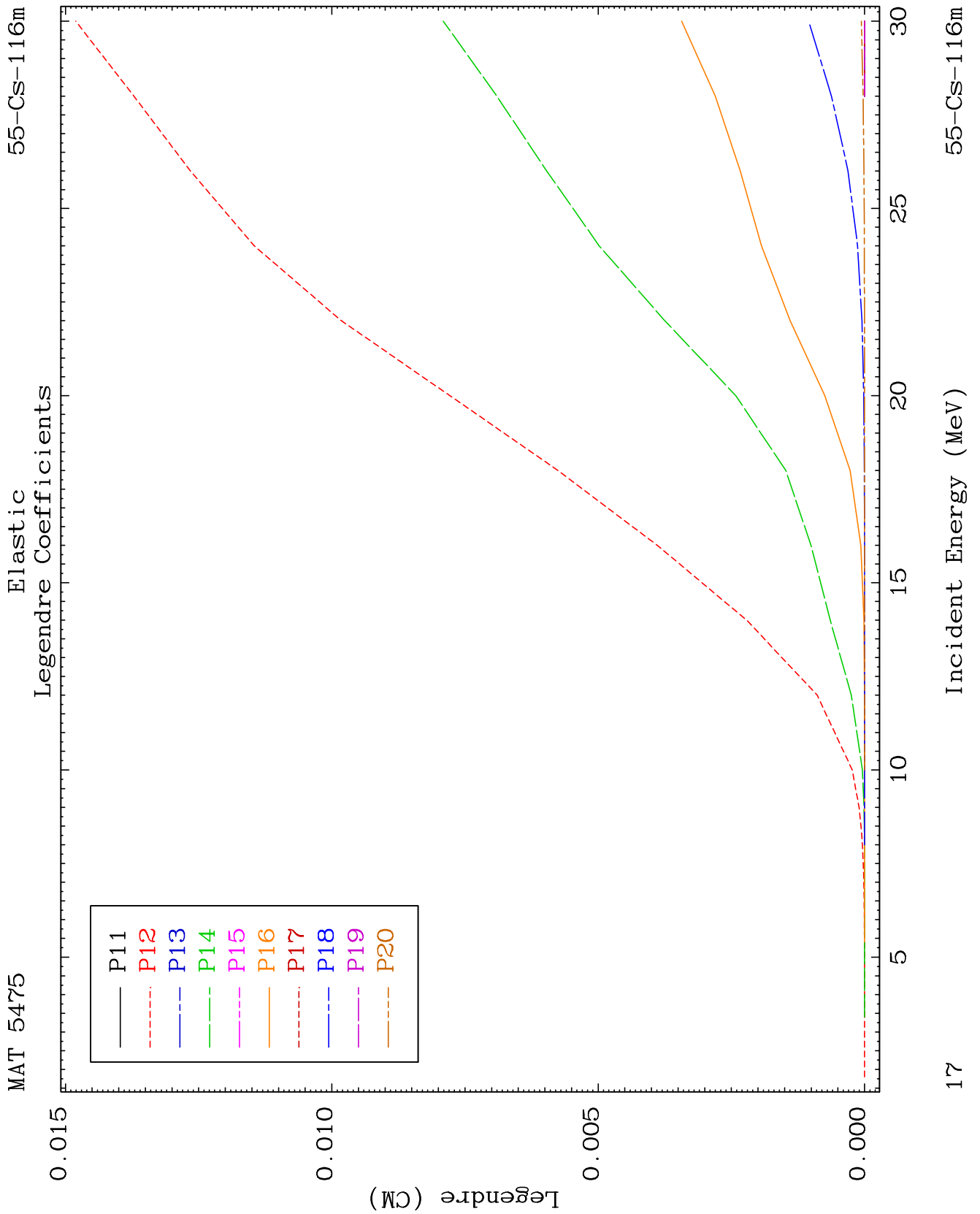


15

Incident Energy (MeV)

55-Cs-116m

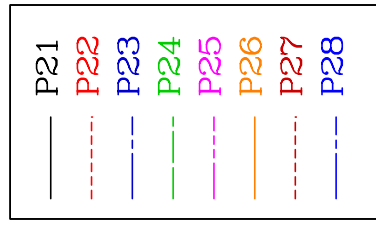




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Elastic
Legendre Coefficients

55-Cs-116m



$\times 10^{-6}$

Legendre (CM)

2

1

0

15

20

25

30

18

Incident Energy (MeV)

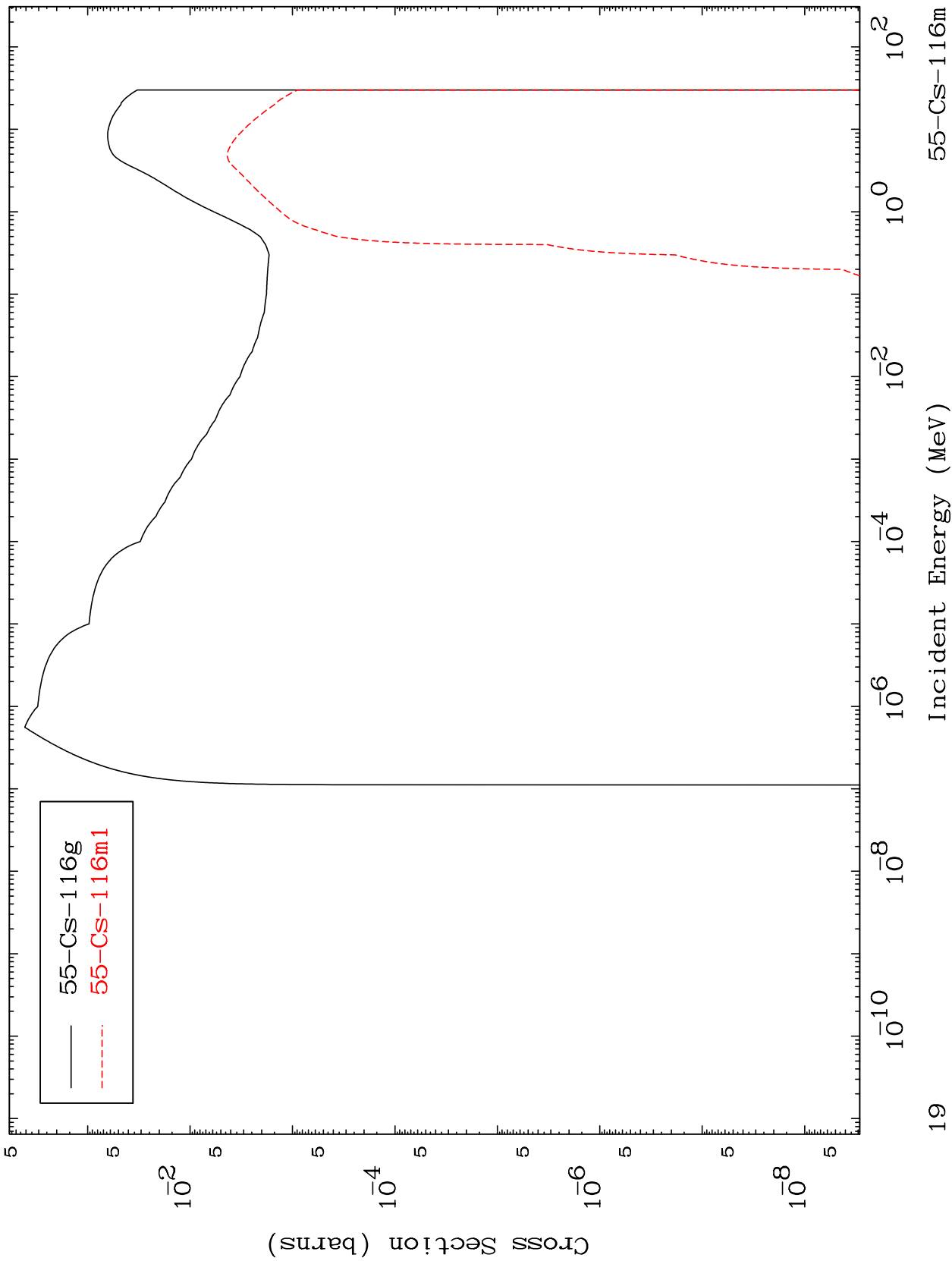
55-Cs-116m



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55-Cs-116m

Inelastic
Radionuclide Production Cross Section

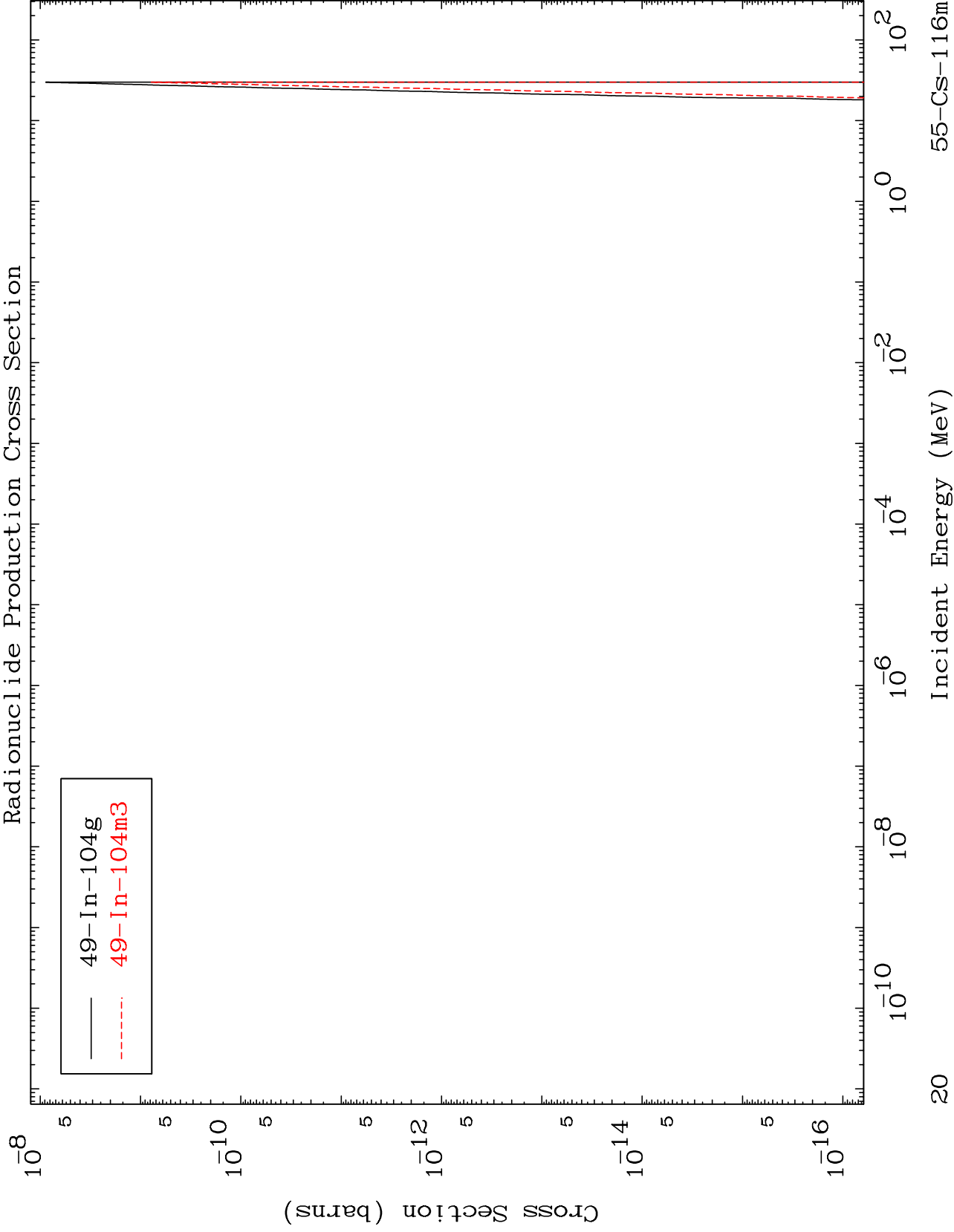


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(n,n') 3α

55-Cs-116m

Radionuclide Production Cross Section

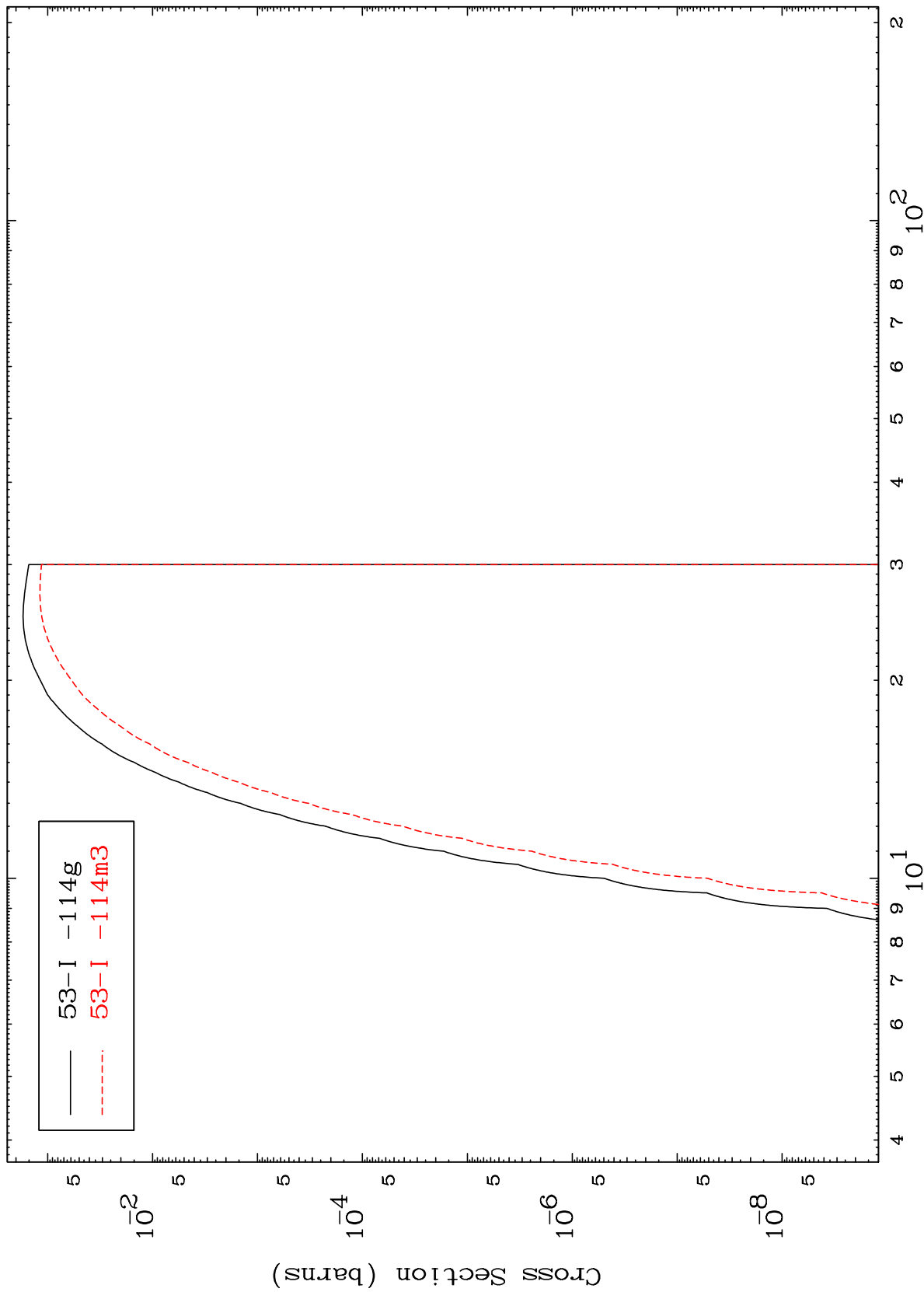


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(n,2n) p

55-Cs-116m

Radionuclide Production Cross Section



21

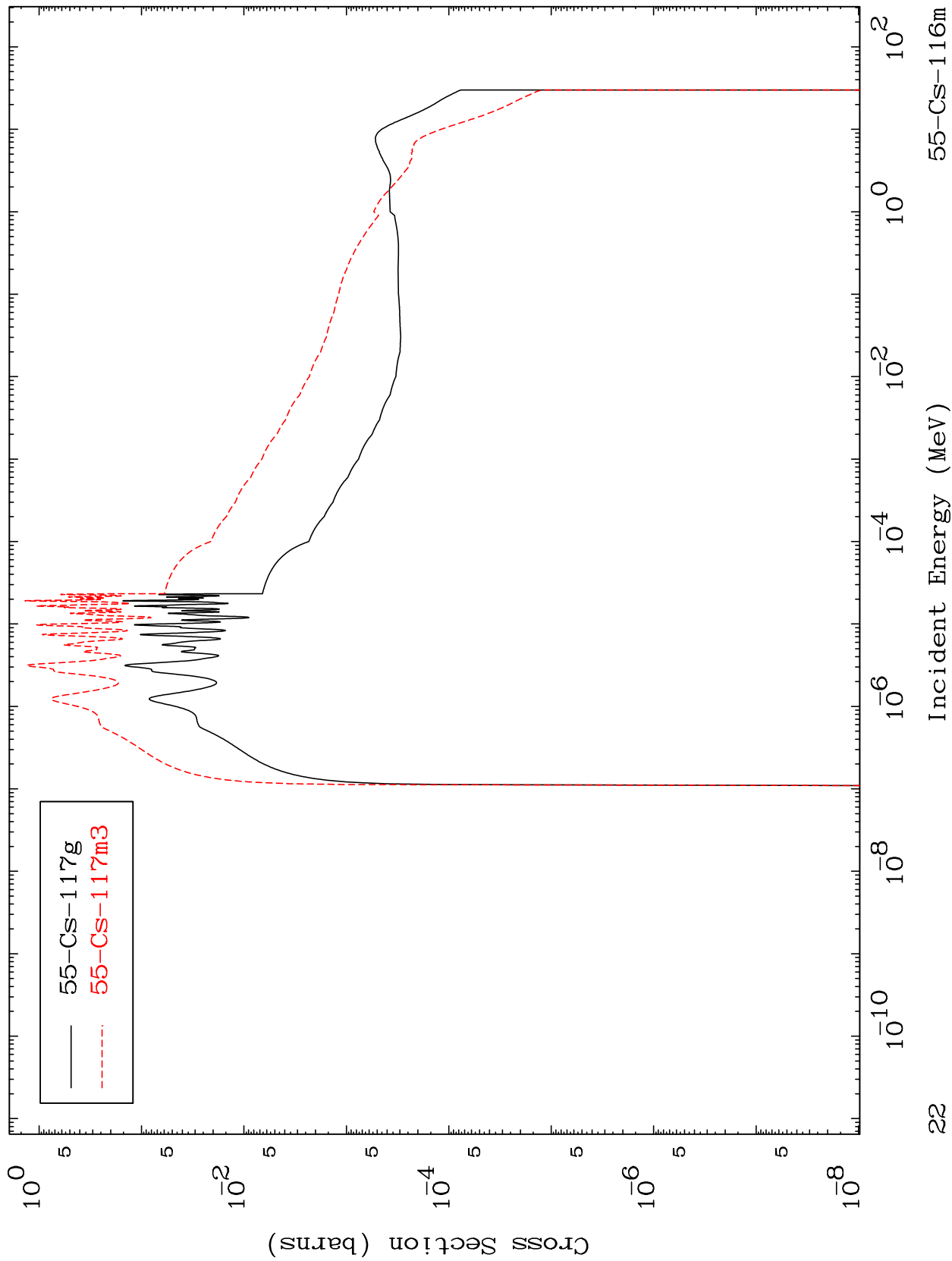
Incident Energy (MeV)

55-Cs-116m

MAT 5475

55-Cs-116m

Radionuclide Production Cross Section

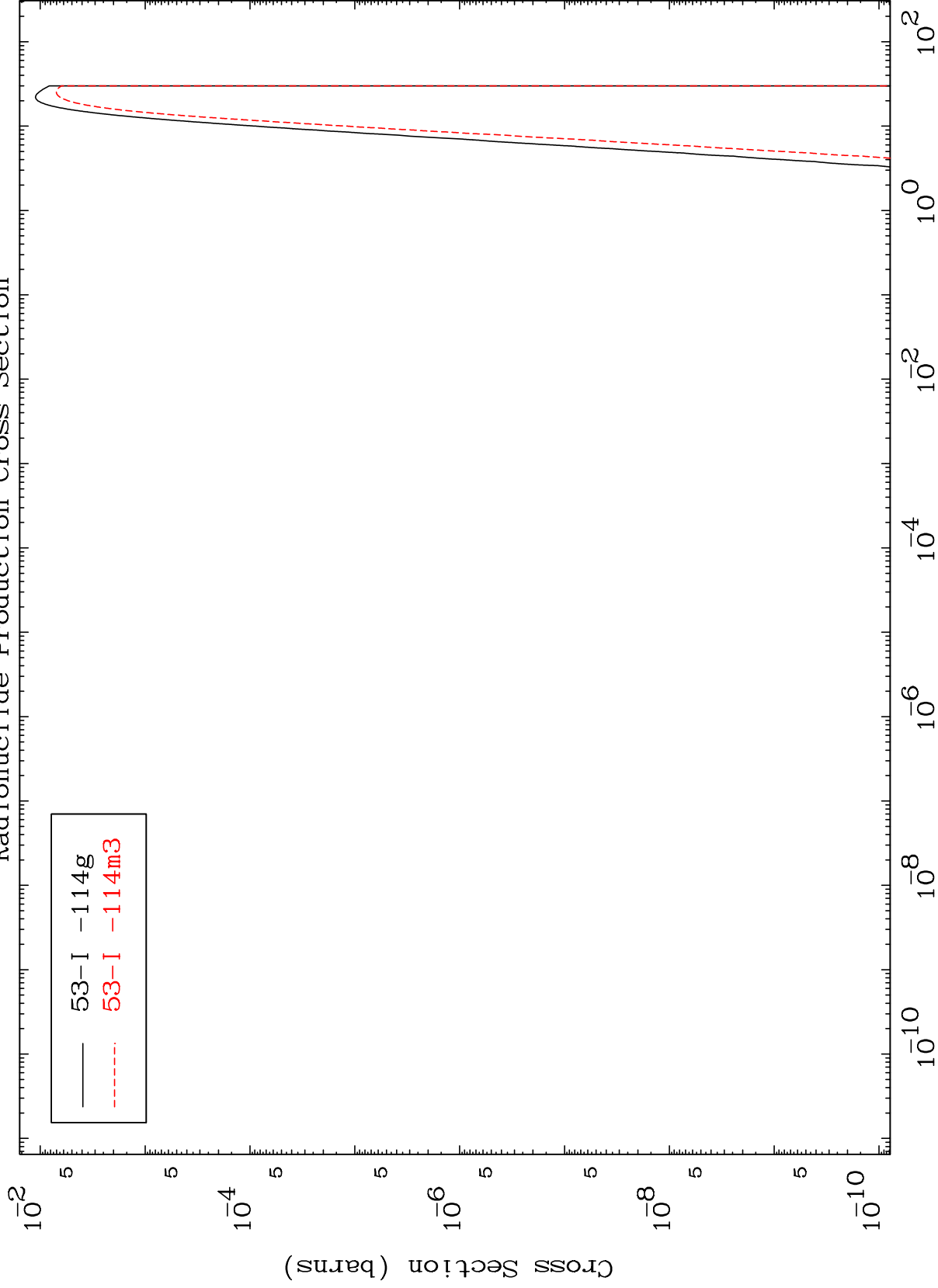


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(n,He-3)

55-Cs-116m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

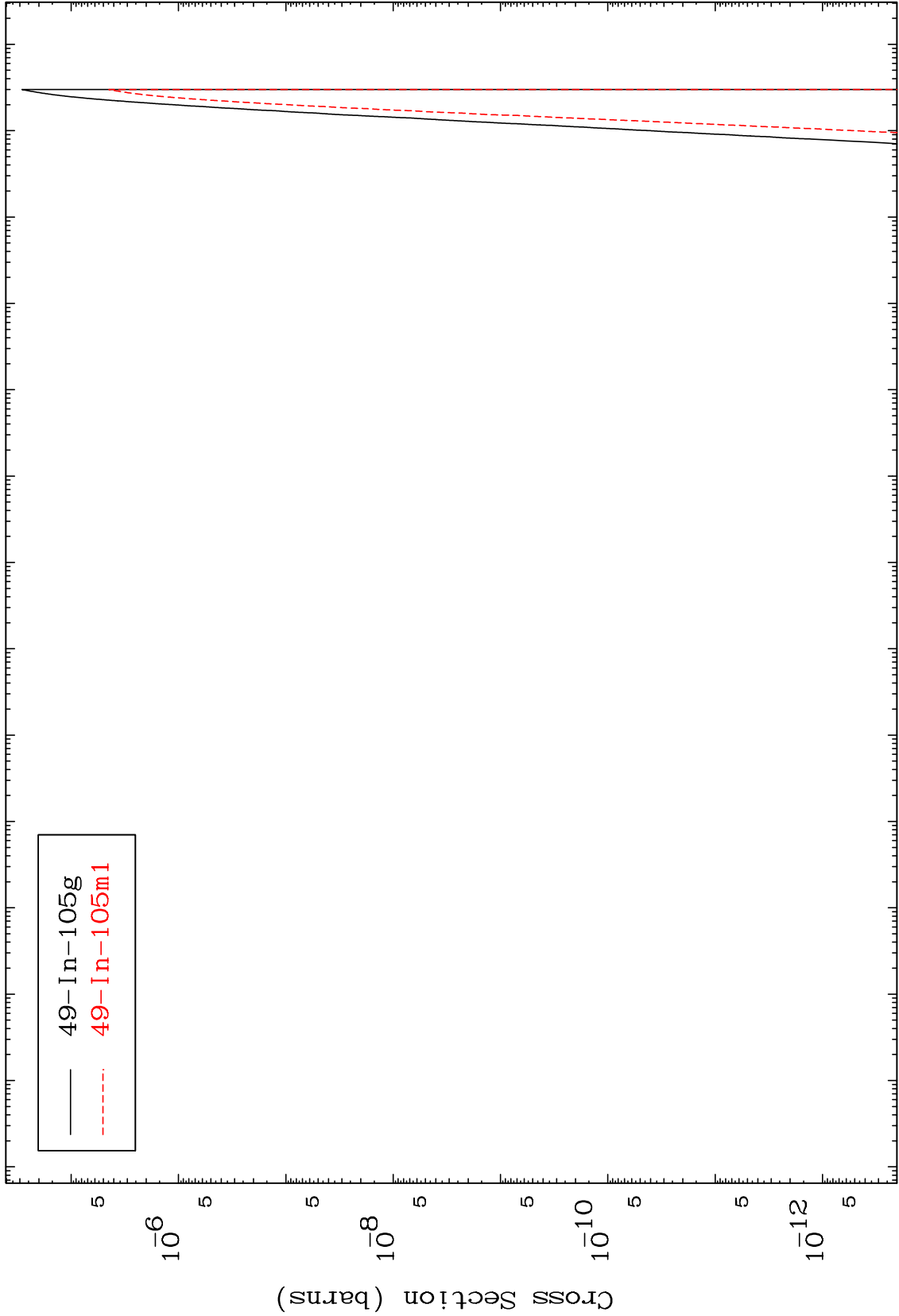
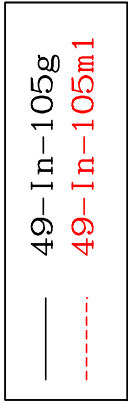
55-Cs-116m

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(n, 3α)

55-Cs-116m

Radionuclide Production Cross Section



55-Cs-116m

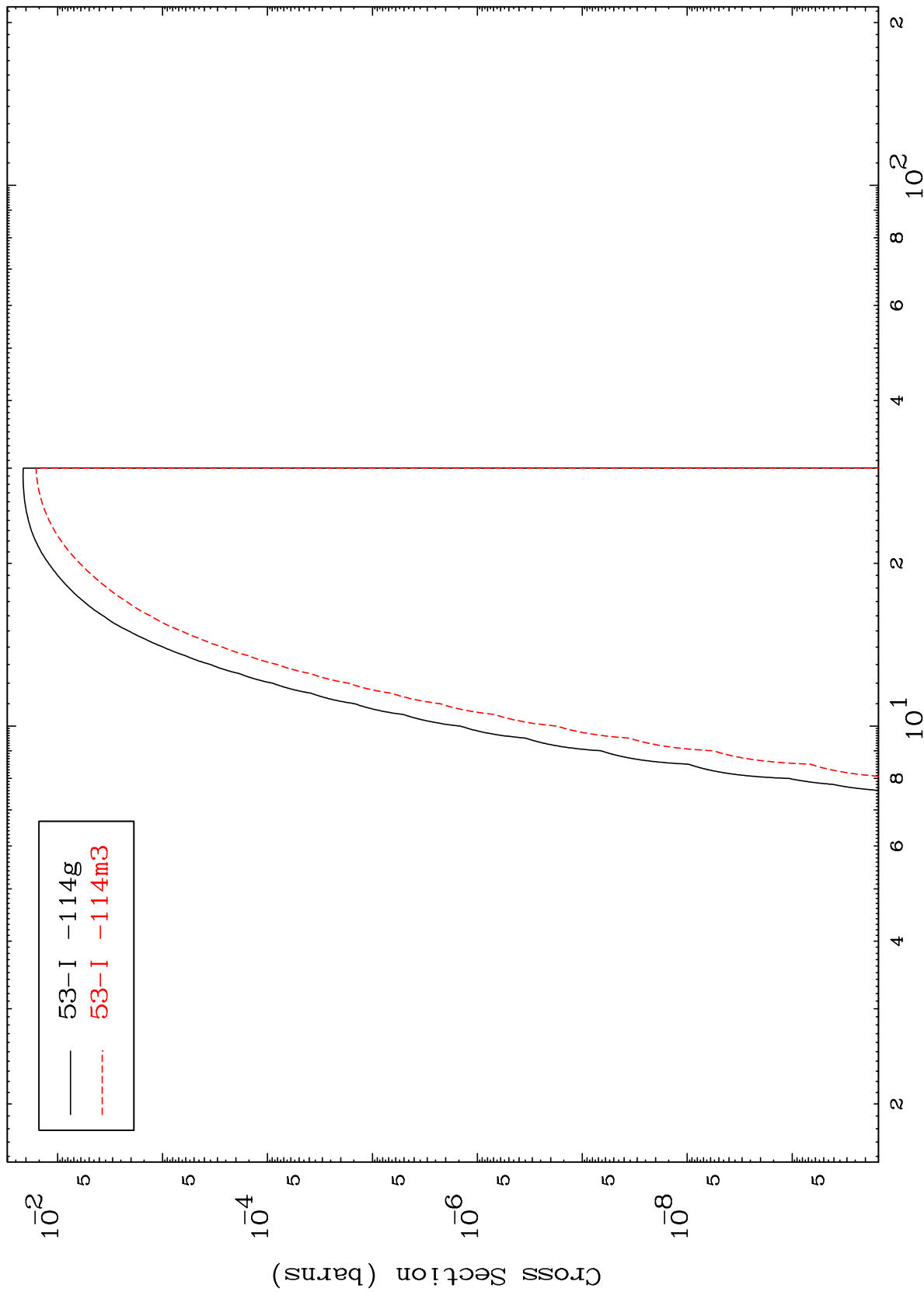
Incident Energy (MeV)

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(n,p) d

55-Cs-116m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

55-Cs-116m