

Program EVALPLOT
(Version 2021-1)

by

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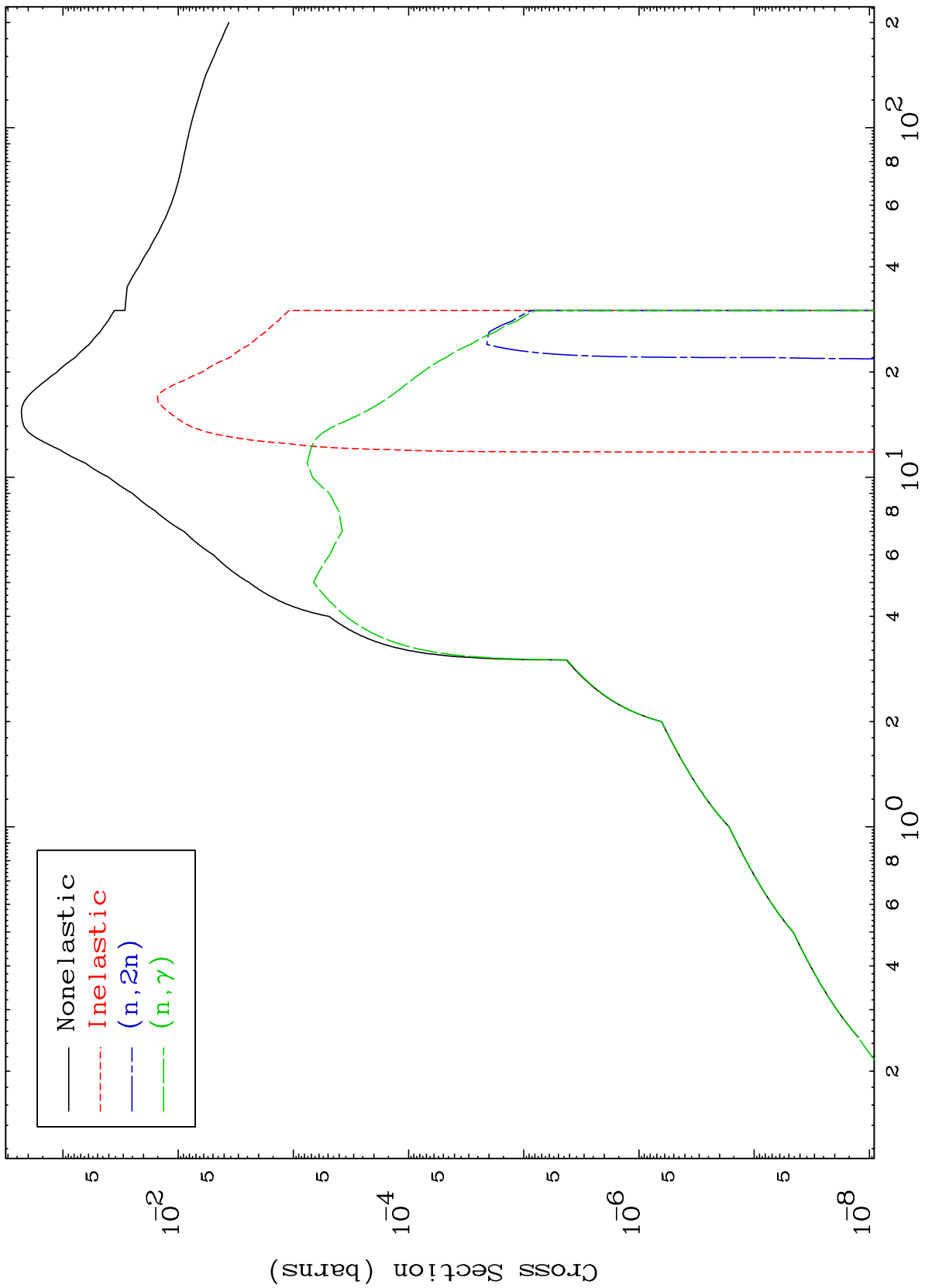
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5484

Photon Major
0 Kelvin Cross Sections

55-Cs-119m



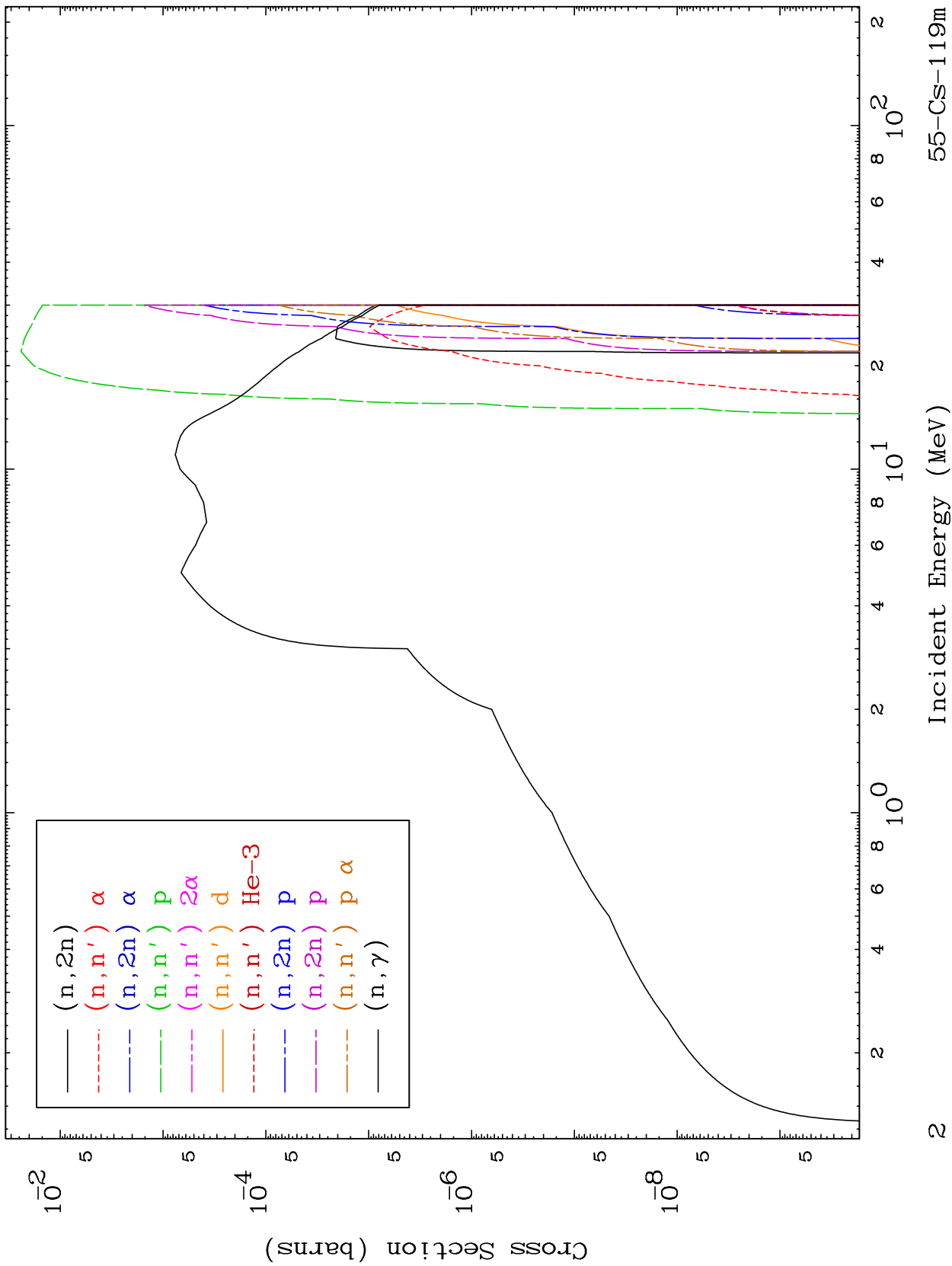
1

55-Cs-119m

MAT 5484

Photon Neutron Absorption
0 Kelvin Cross Sections

55-Cs-119m



55-Cs-119m

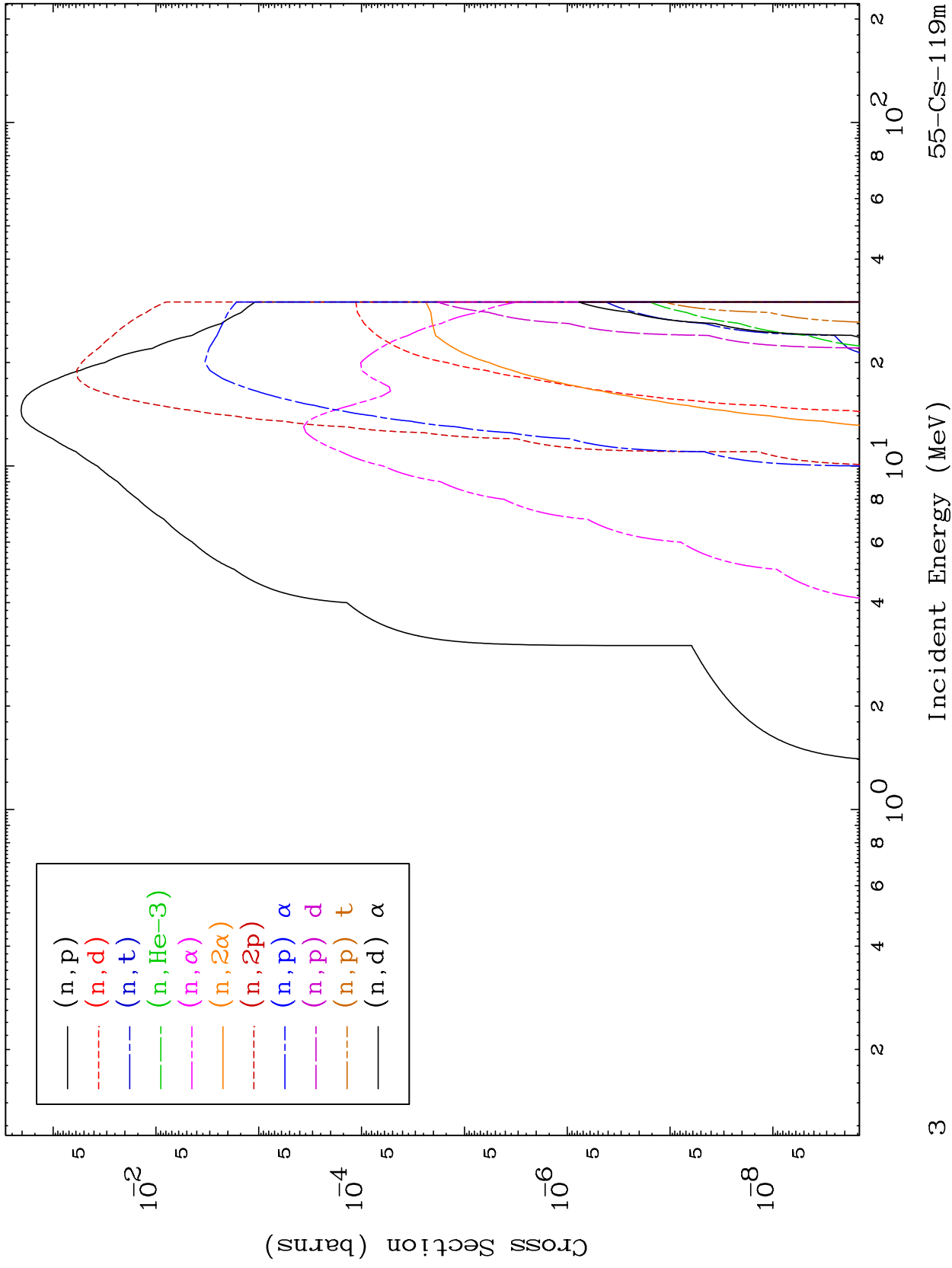
Incident Energy (MeV)

2

MAT 5484

Photon Neutron Absorption
0 Kelvin Cross Sections

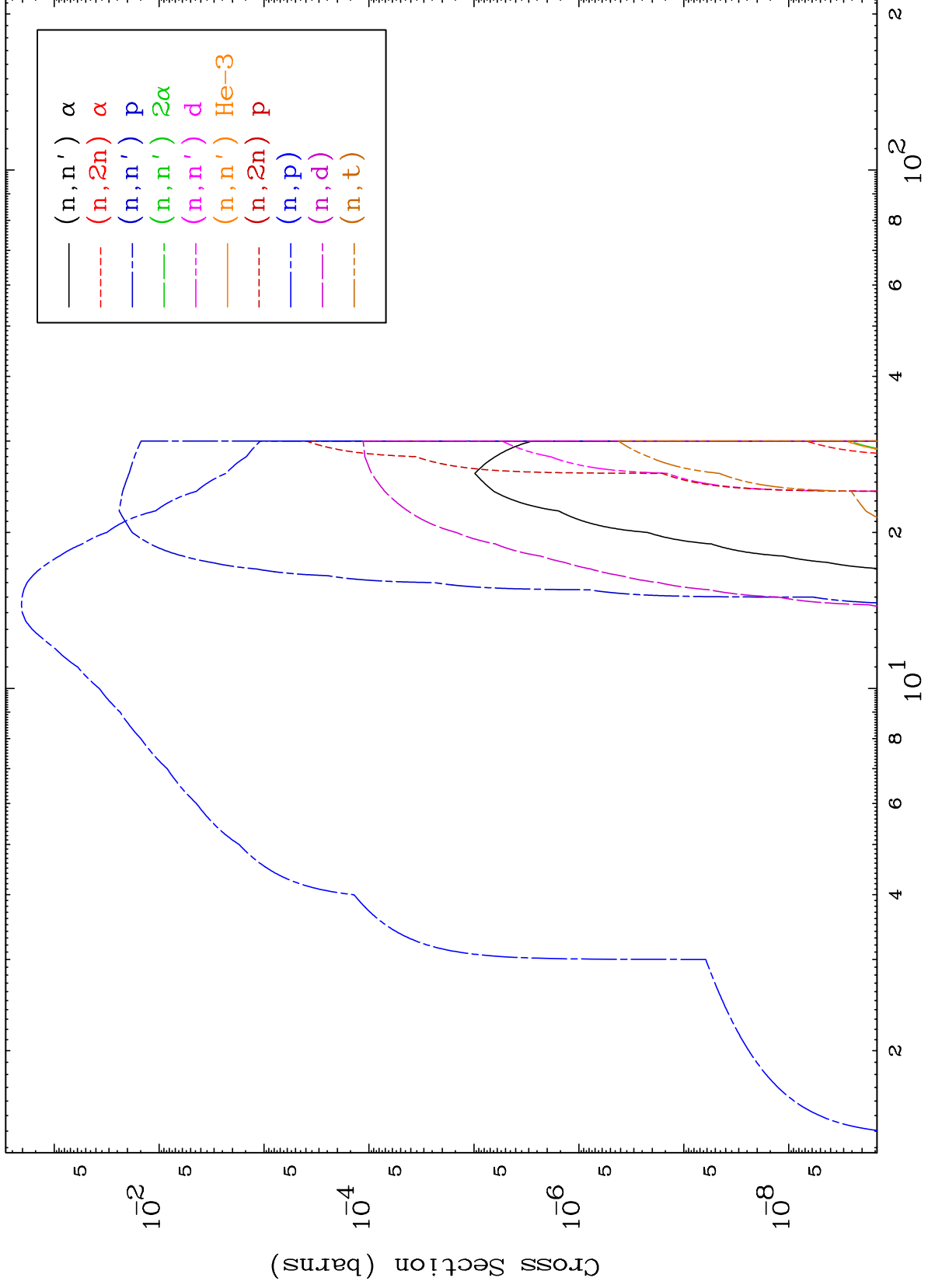
55-Cs-119m



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Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-119m



4

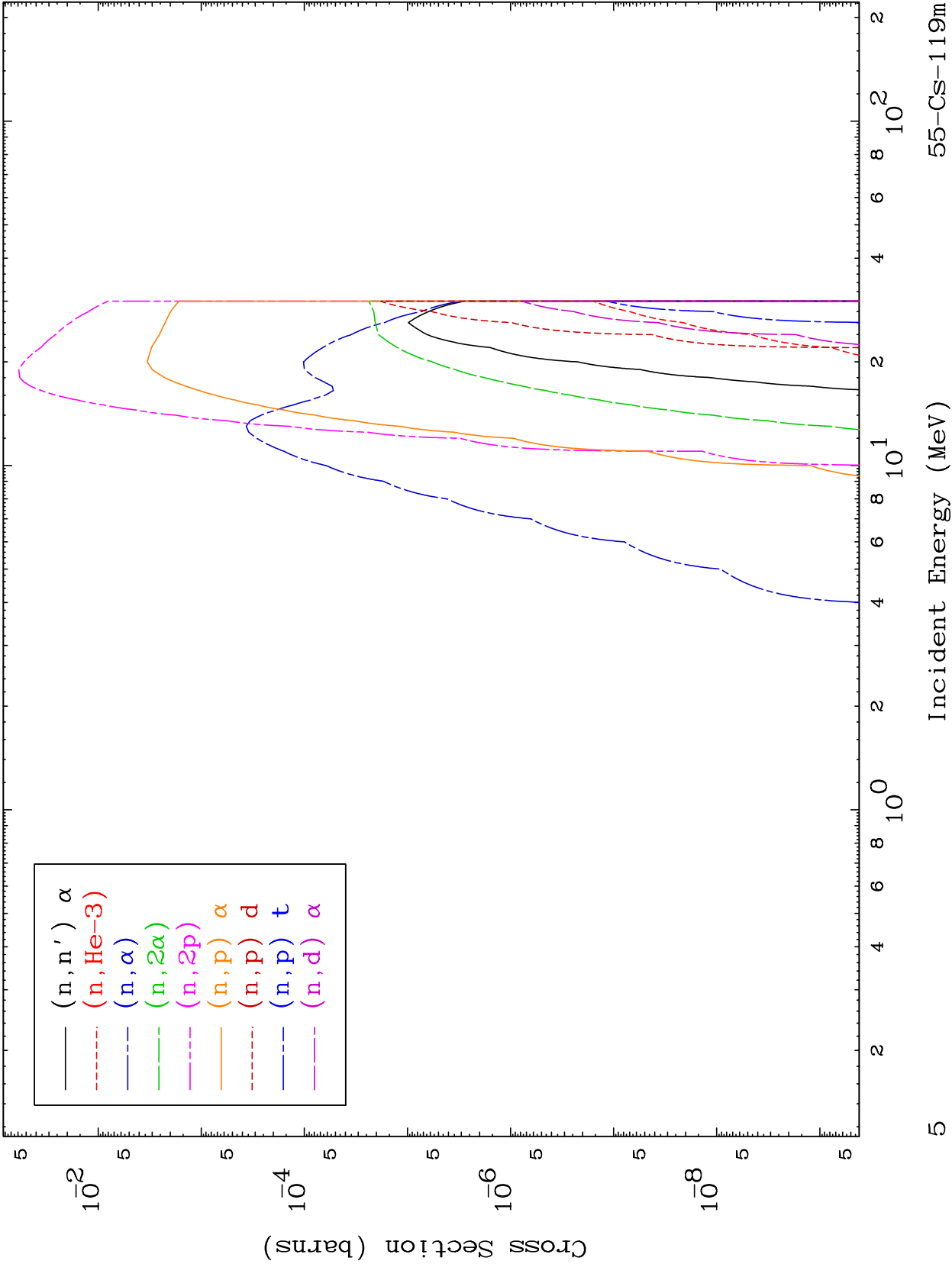
Incident Energy (MeV)

55-Cs-119m

MAT 5484

Photon Charged Particle
0 Kelvin Cross Sections

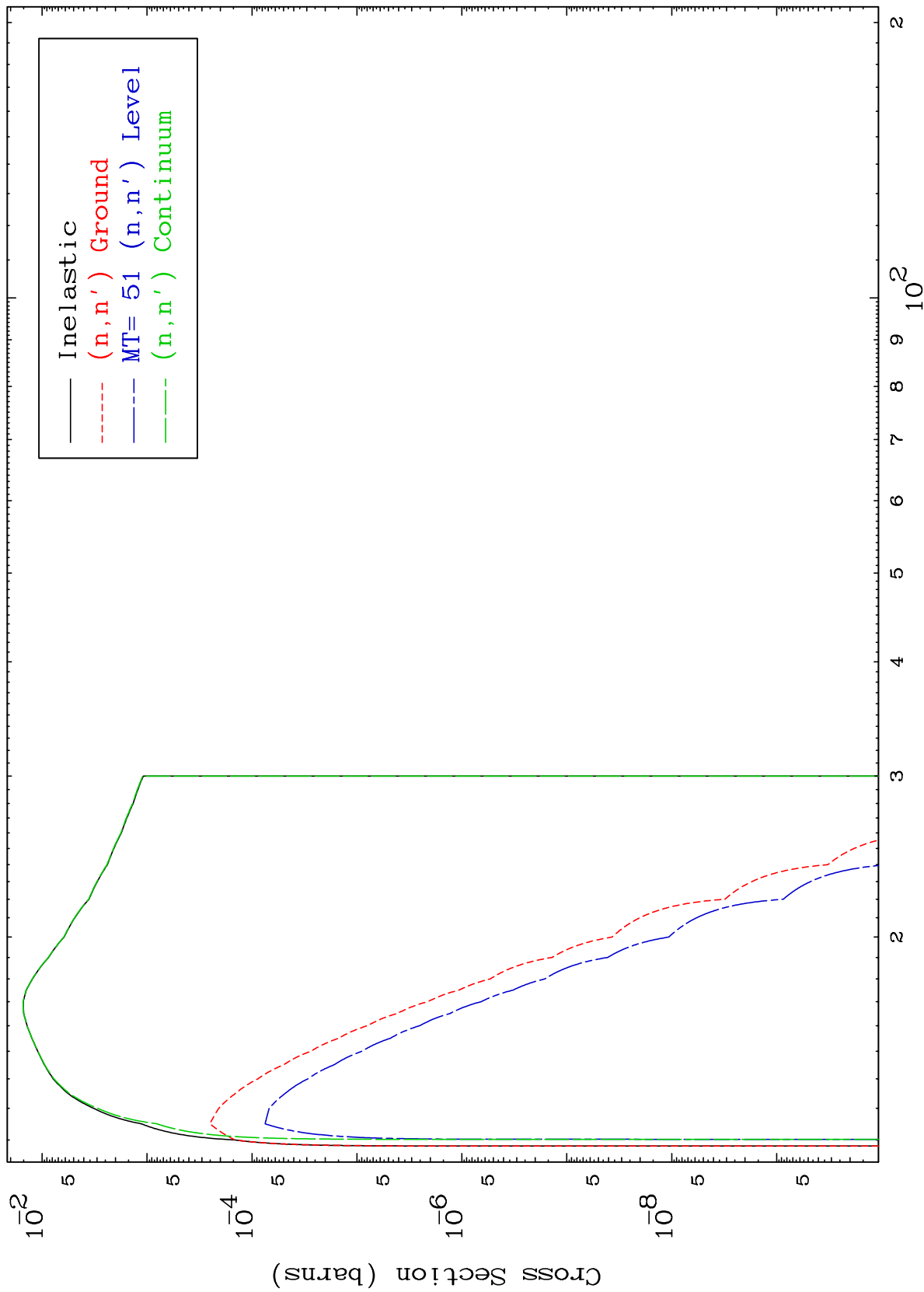
55-Cs-119m



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55-Cs-119m

(γ, n') Levels
0 Kelvin Cross Sections



55-Cs-119m

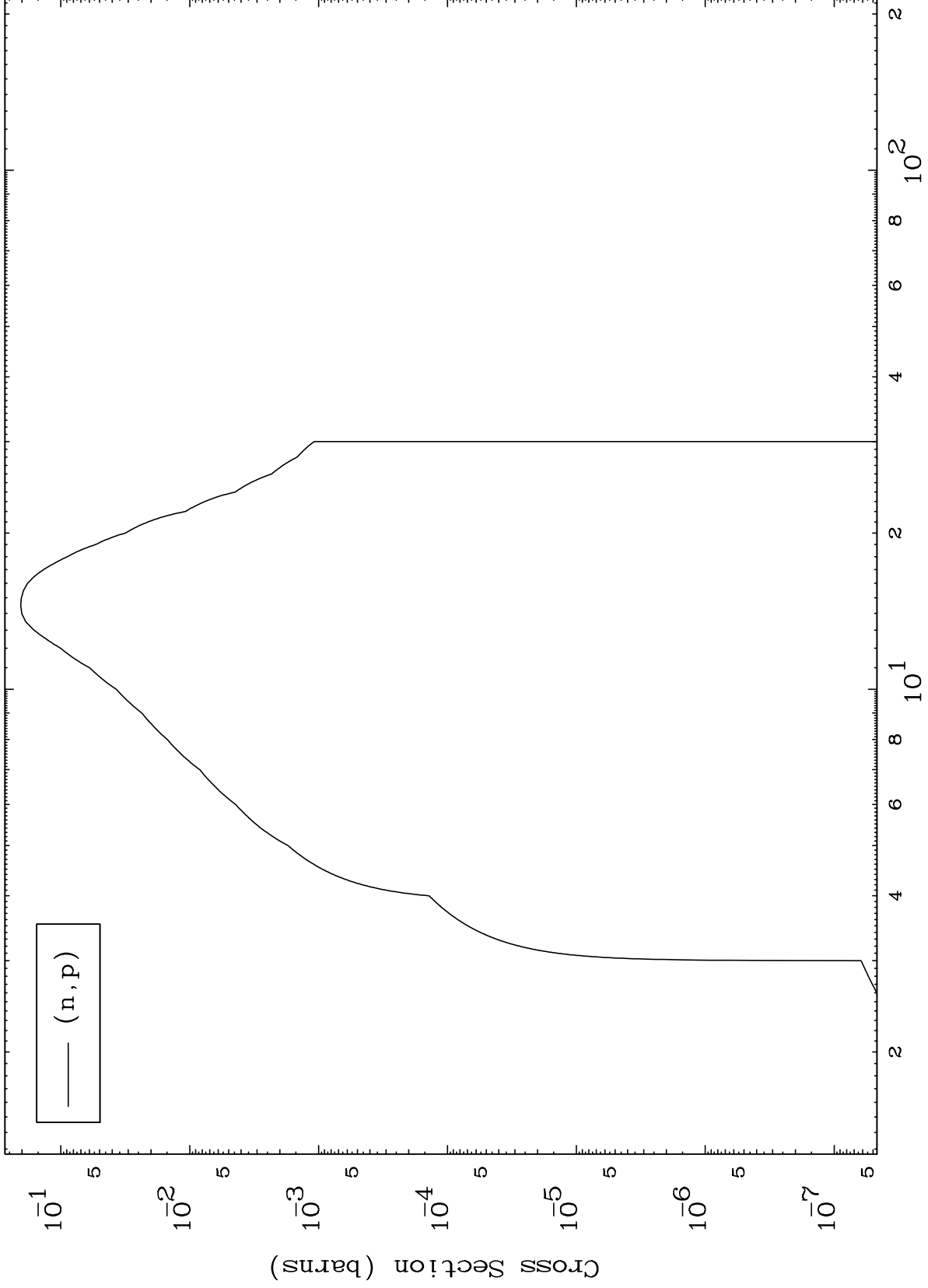
Incident Energy (MeV)

6

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(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-119m



7

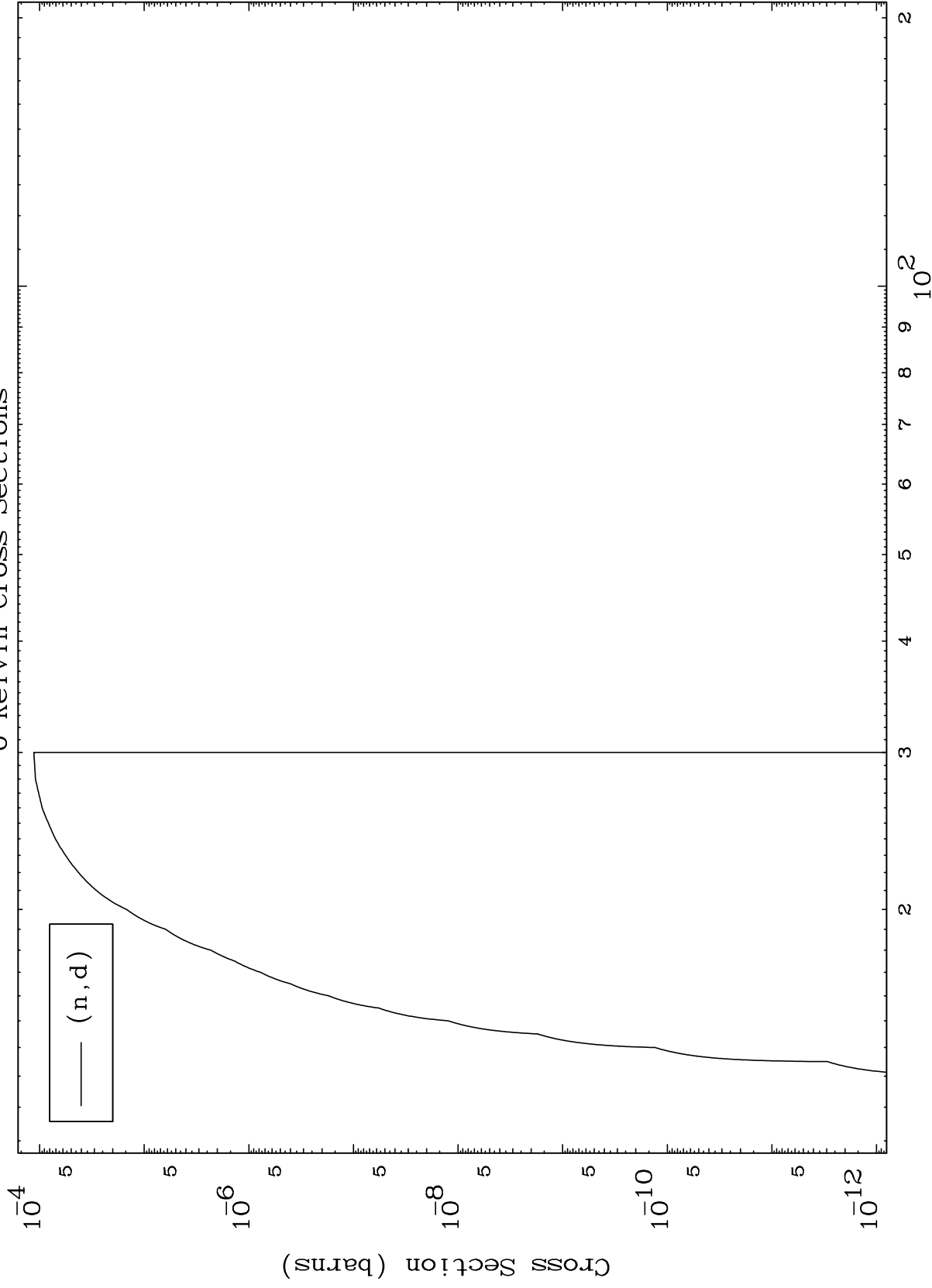
Incident Energy (MeV)

55-Cs-119m

MAT 5484

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-119m



8

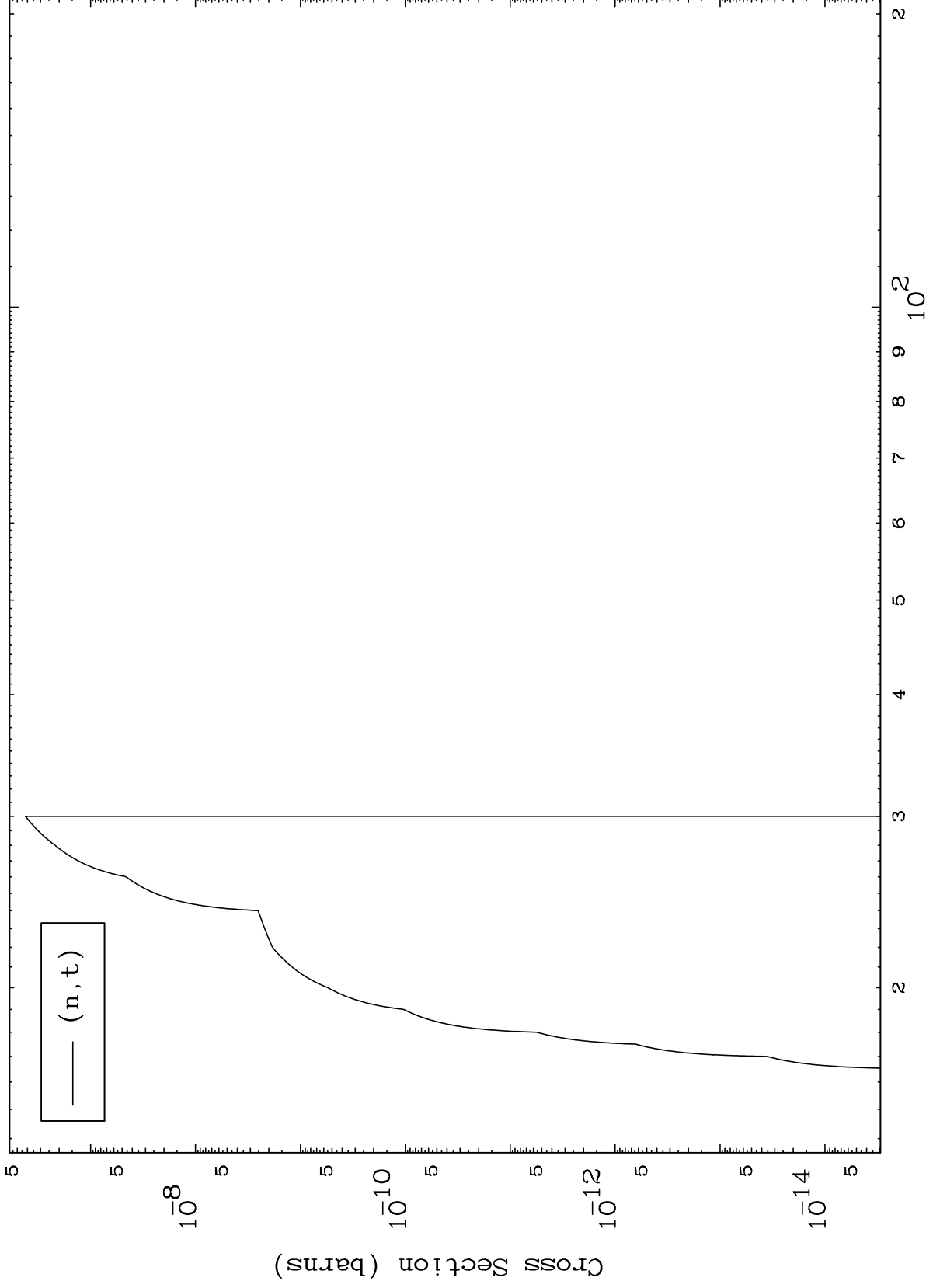
Incident Energy (MeV)

55-Cs-119m

MAT 5484

(γ, t) Levels
0 Kelvin Cross Sections

55-Cs-119m



9

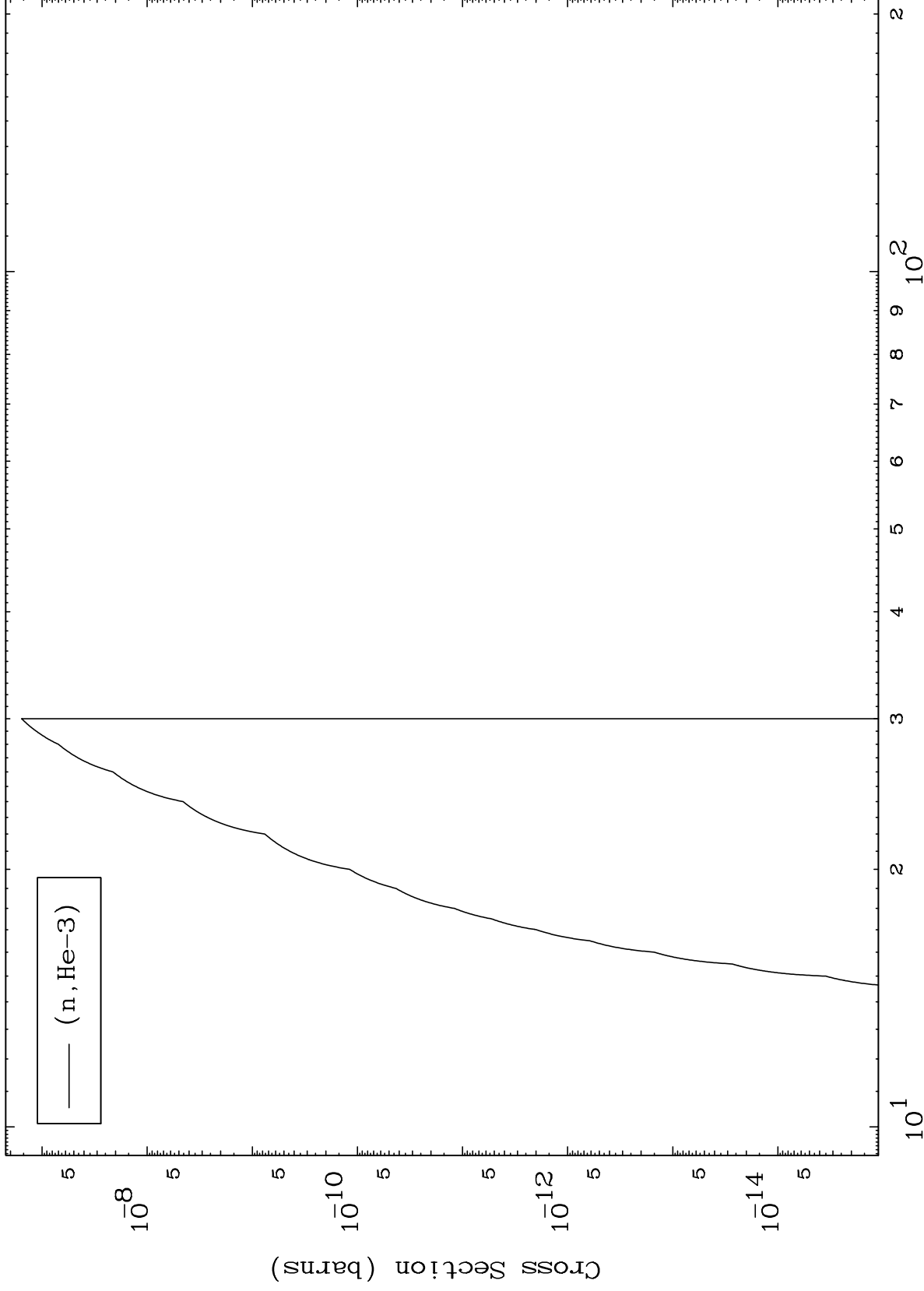
Incident Energy (MeV)

55-Cs-119m

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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

55-Cs-119m



Incident Energy (MeV)

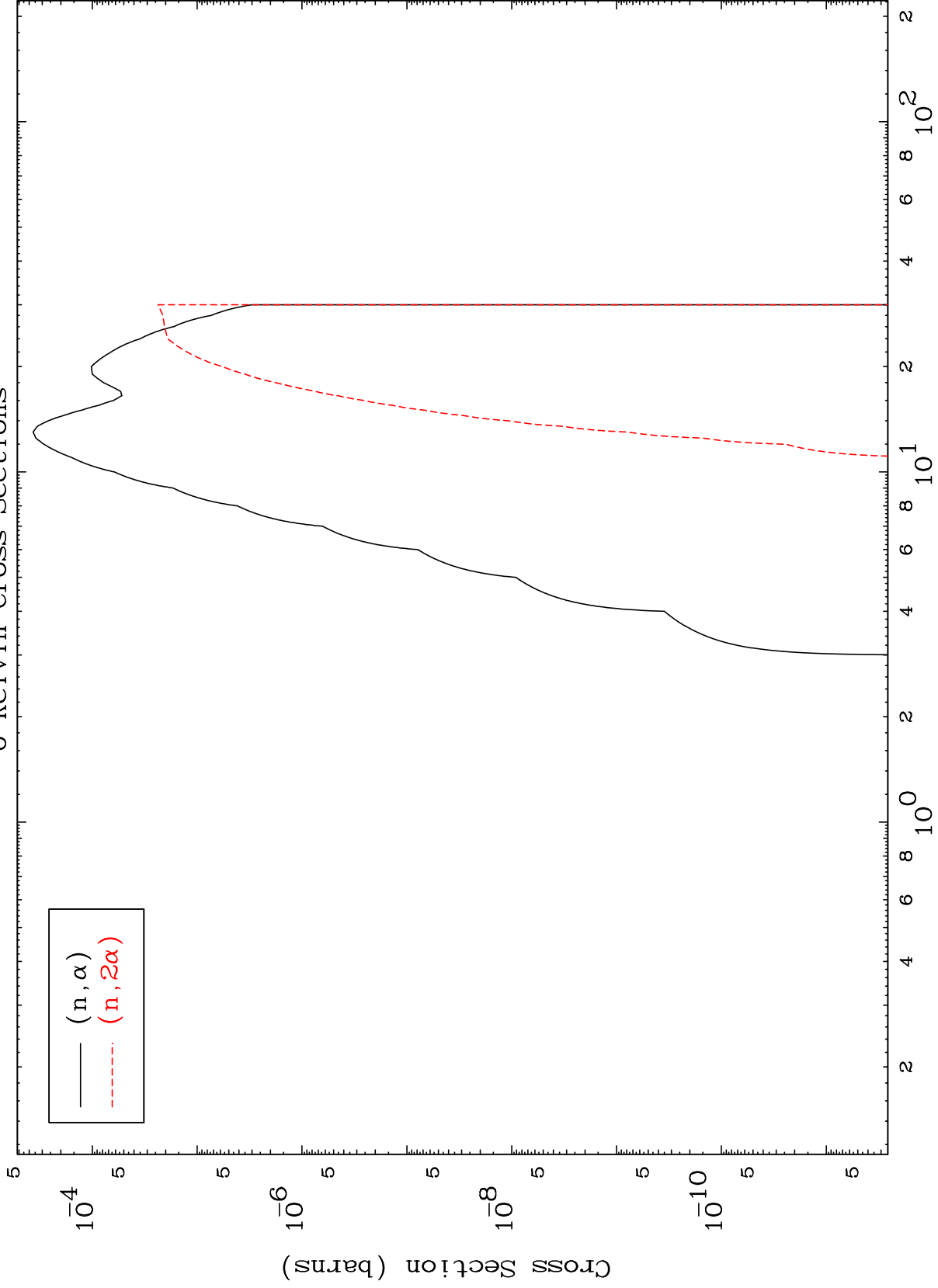
55-Cs-119m

MAT 5484

(γ, α) Levels

55-Cs-119m

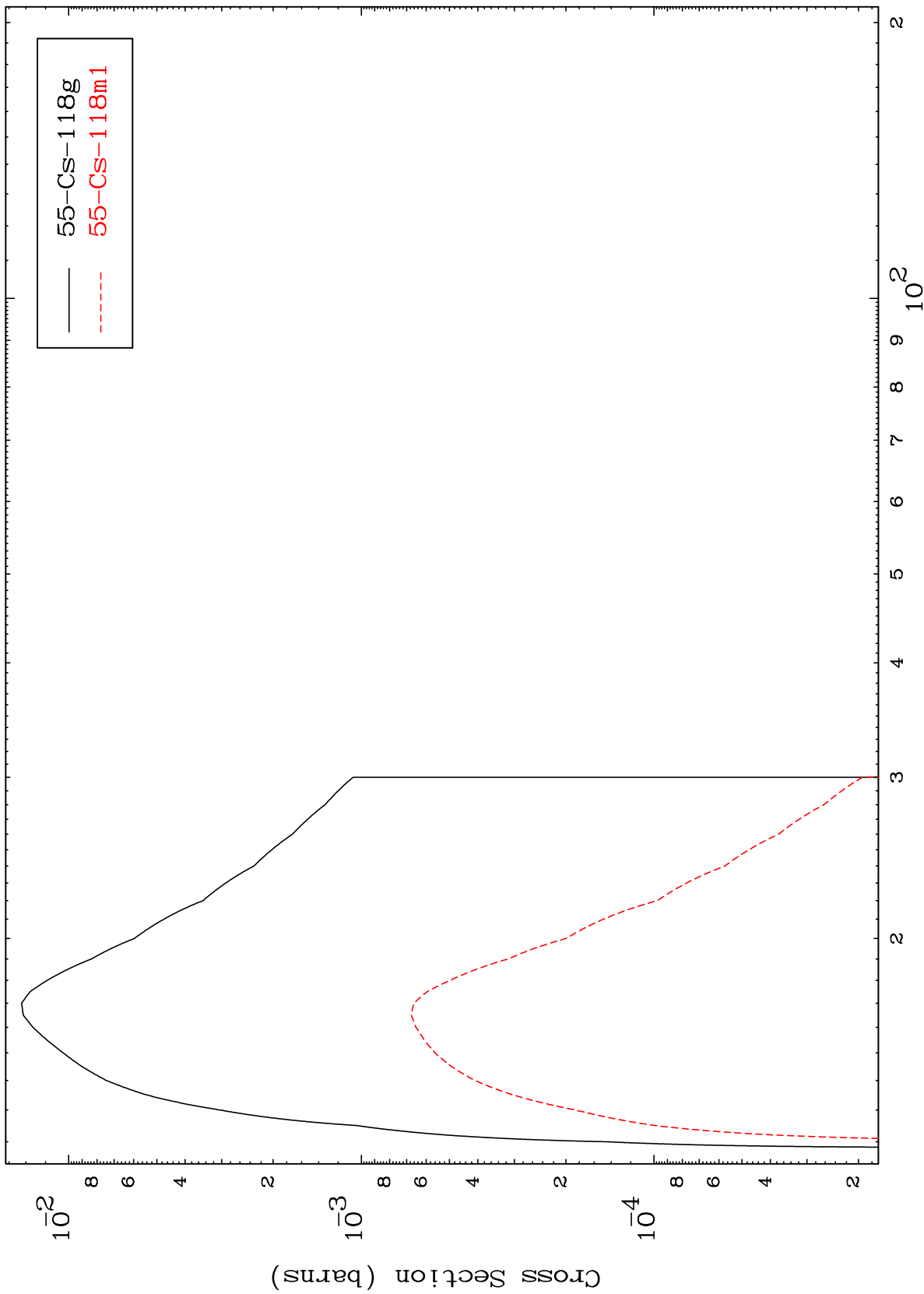
0 Kelvin Cross Sections



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55-Cs-119m

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

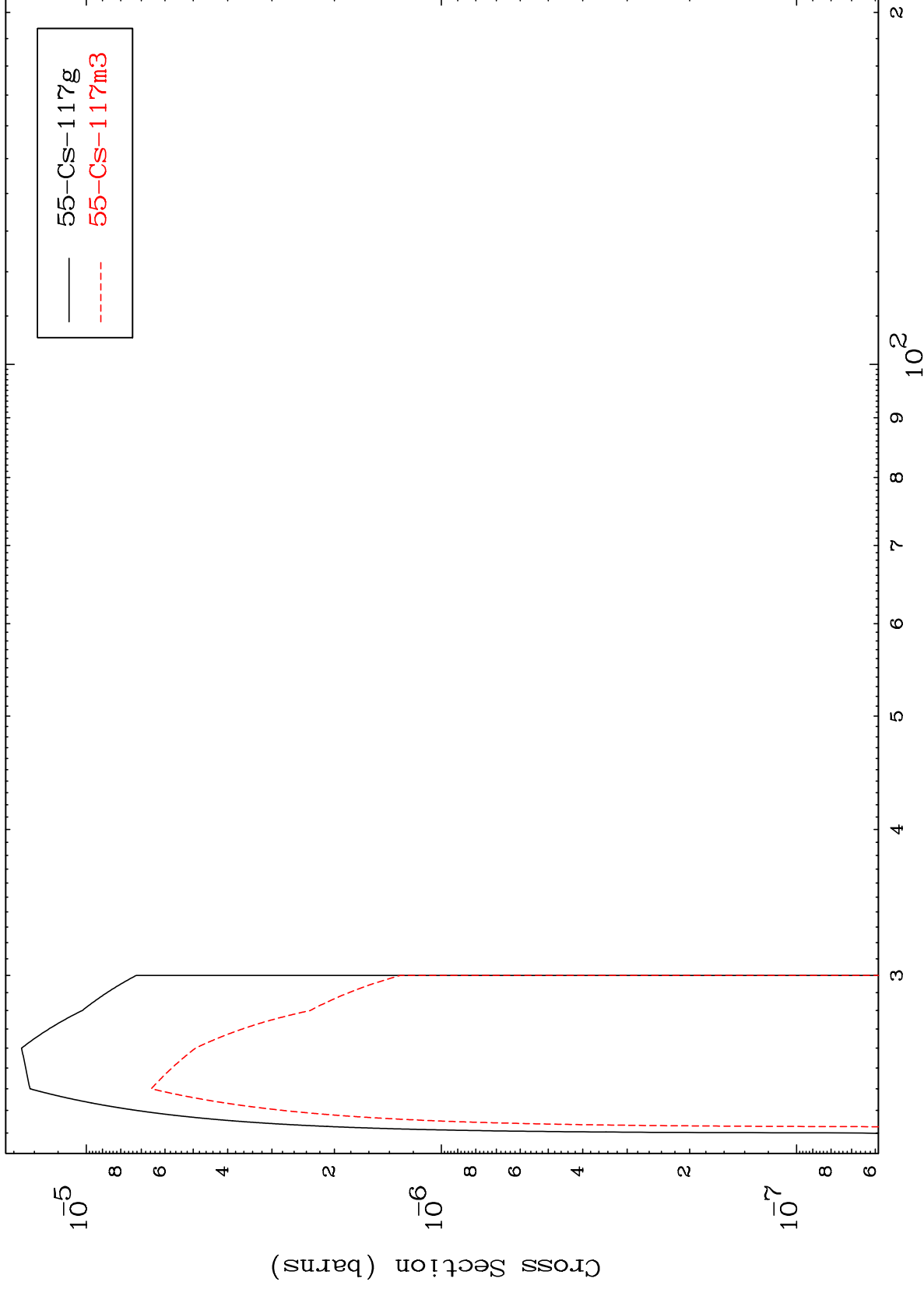
55-Cs-119m

MAT 5484

(n,2n)

55-Cs-119m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

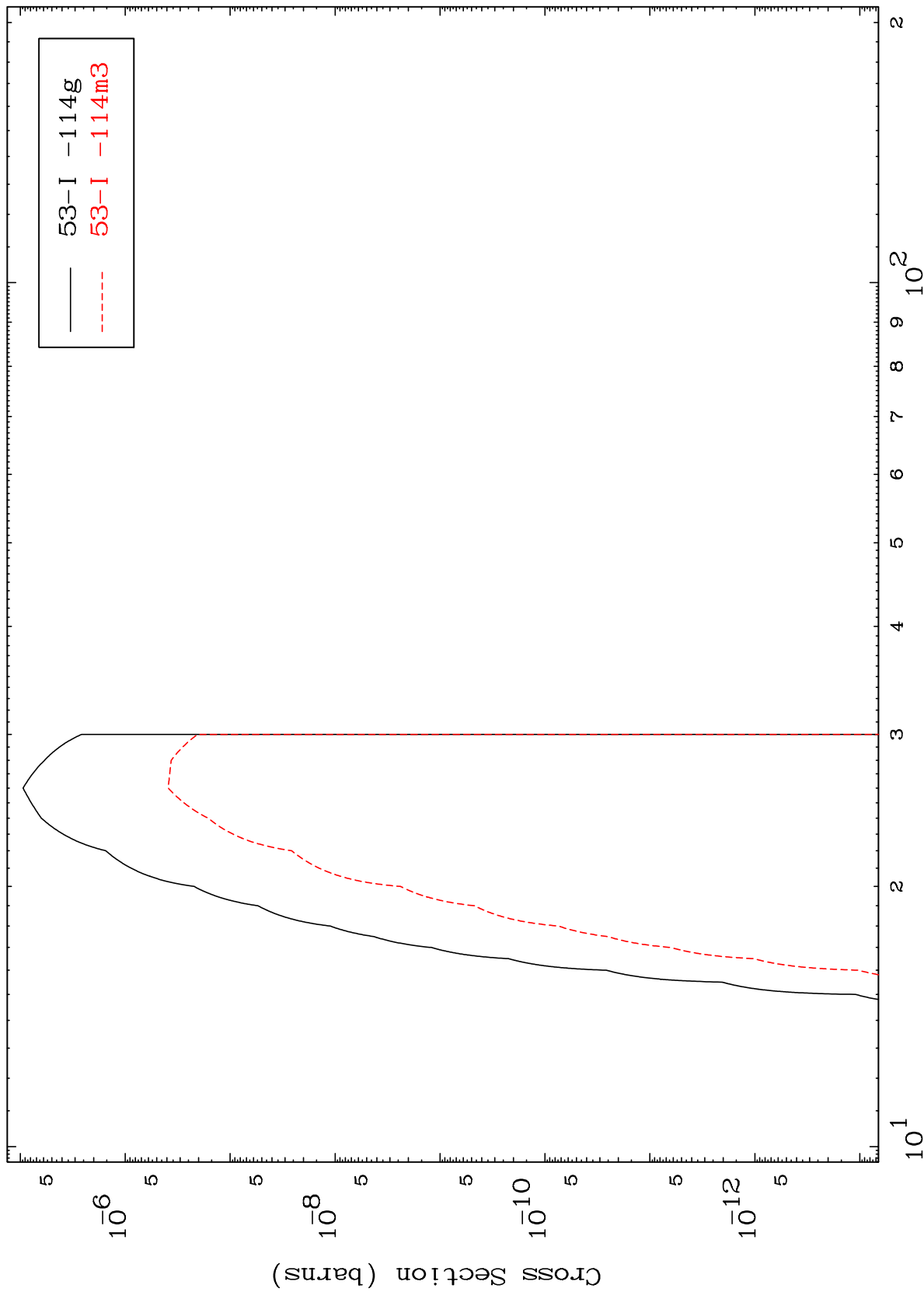
55-Cs-119m

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$(n, n') \alpha$

55-Cs-119m

Radionuclide Production Cross Section



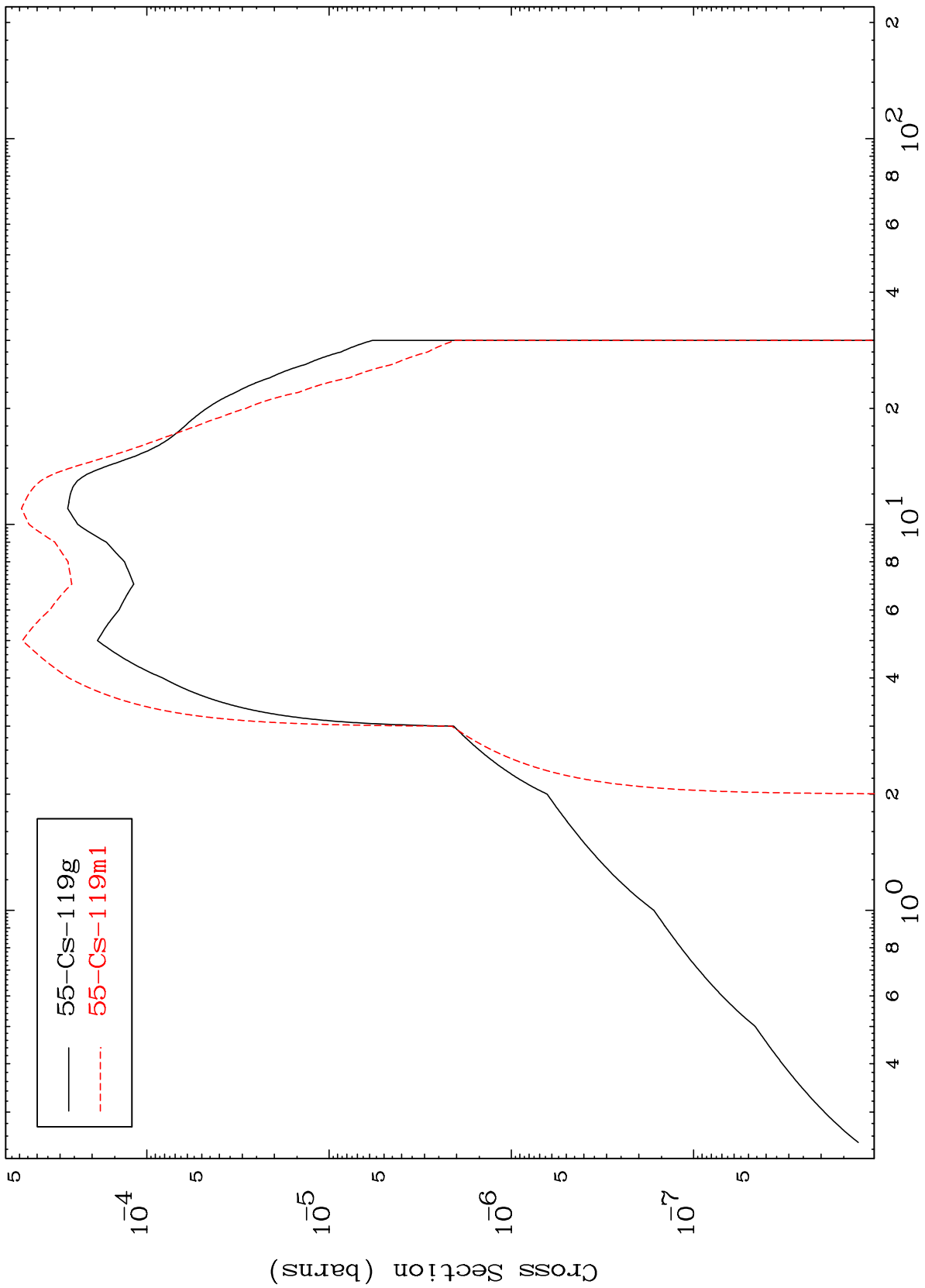
Incident Energy (MeV)

55-Cs-119m

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55-Cs-119m

(n, γ)
Radionuclide Production Cross Section



55-Cs-119m

Incident Energy (MeV)

15