

Program EVALPLOT
(Version 2021-1)

by

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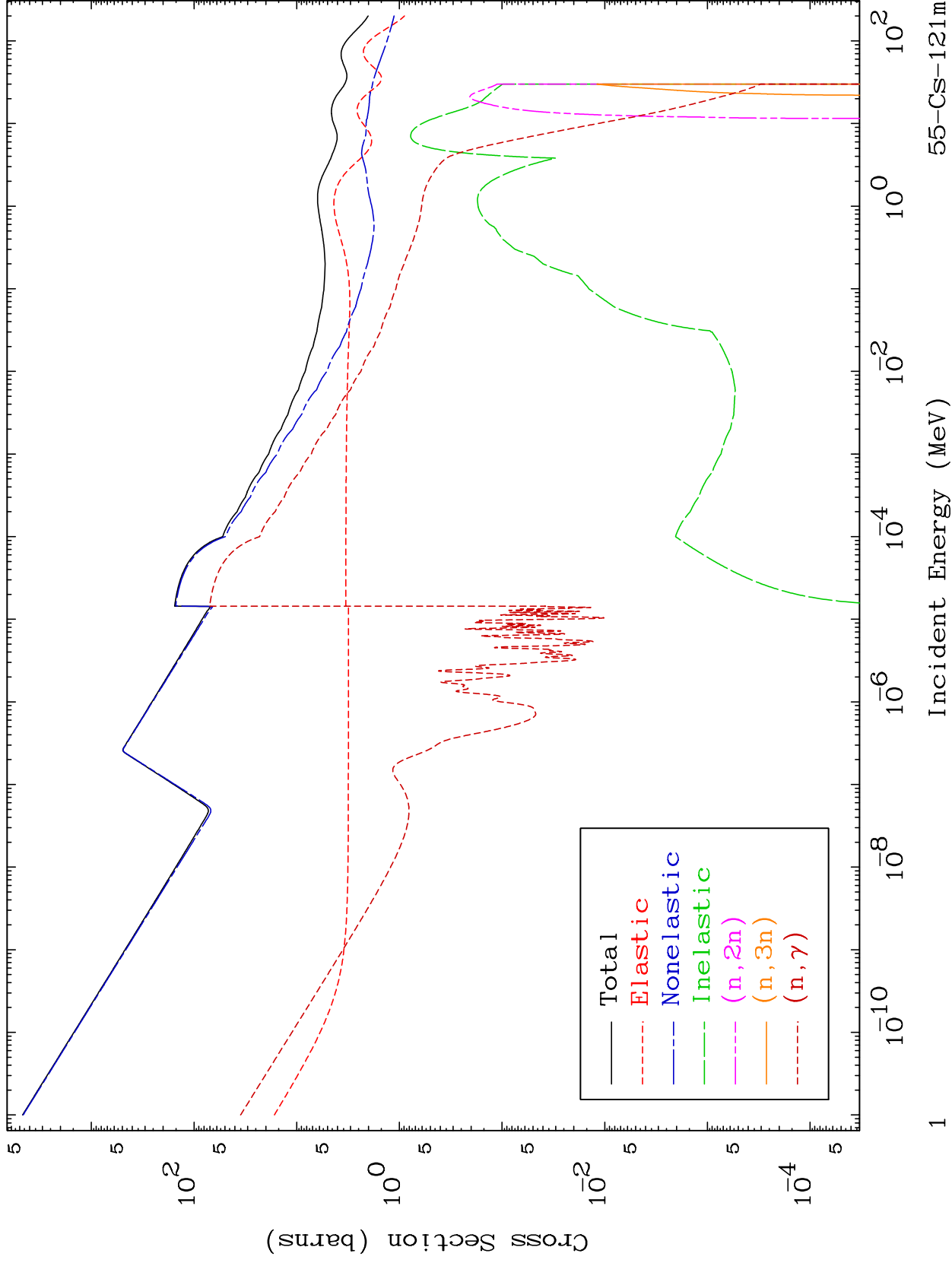
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5490

Neutron Major
293 Kelvin Cross Sections

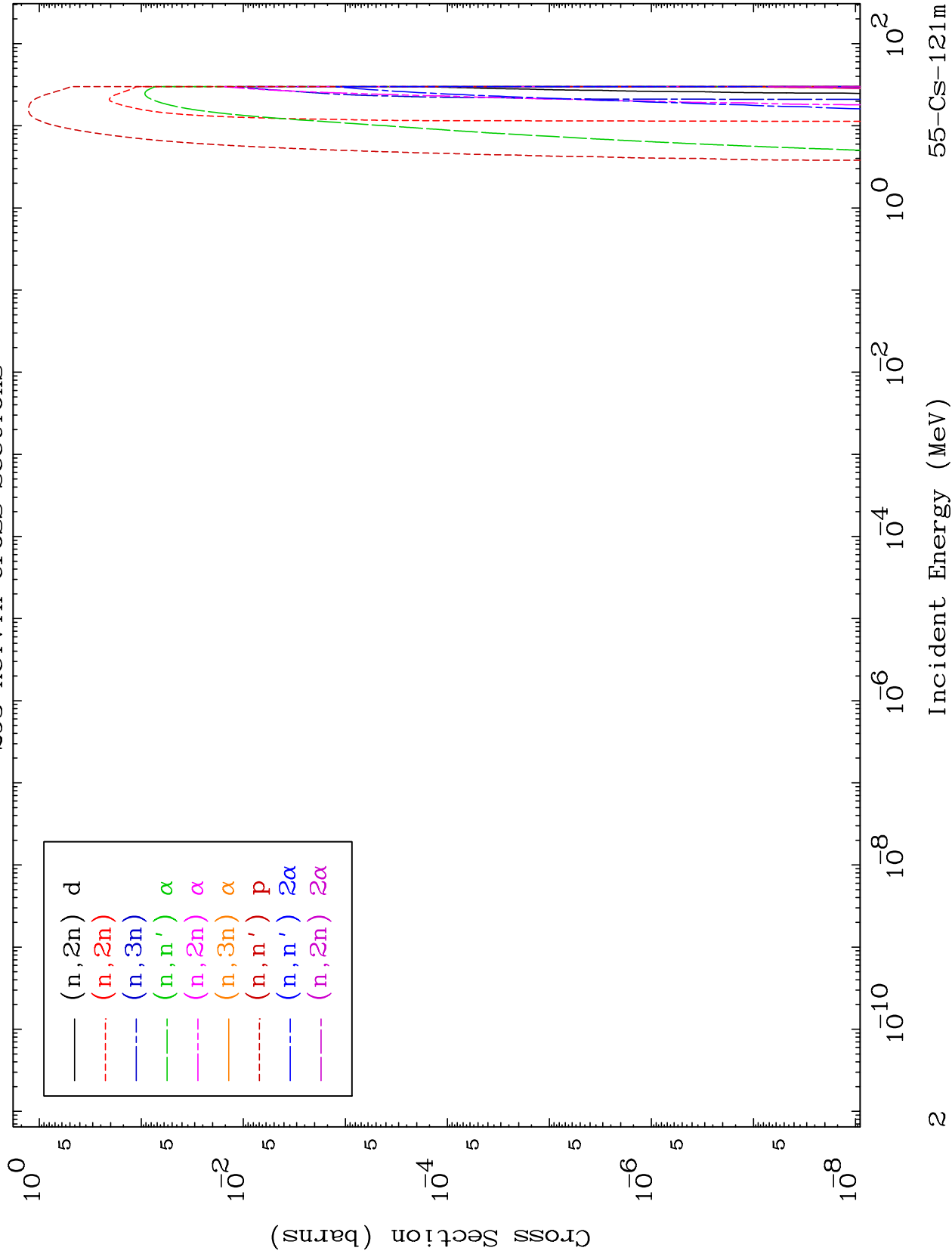
55-Cs-121m



MAT 5490

Neutron Absorption
293 Kelvin Cross Sections

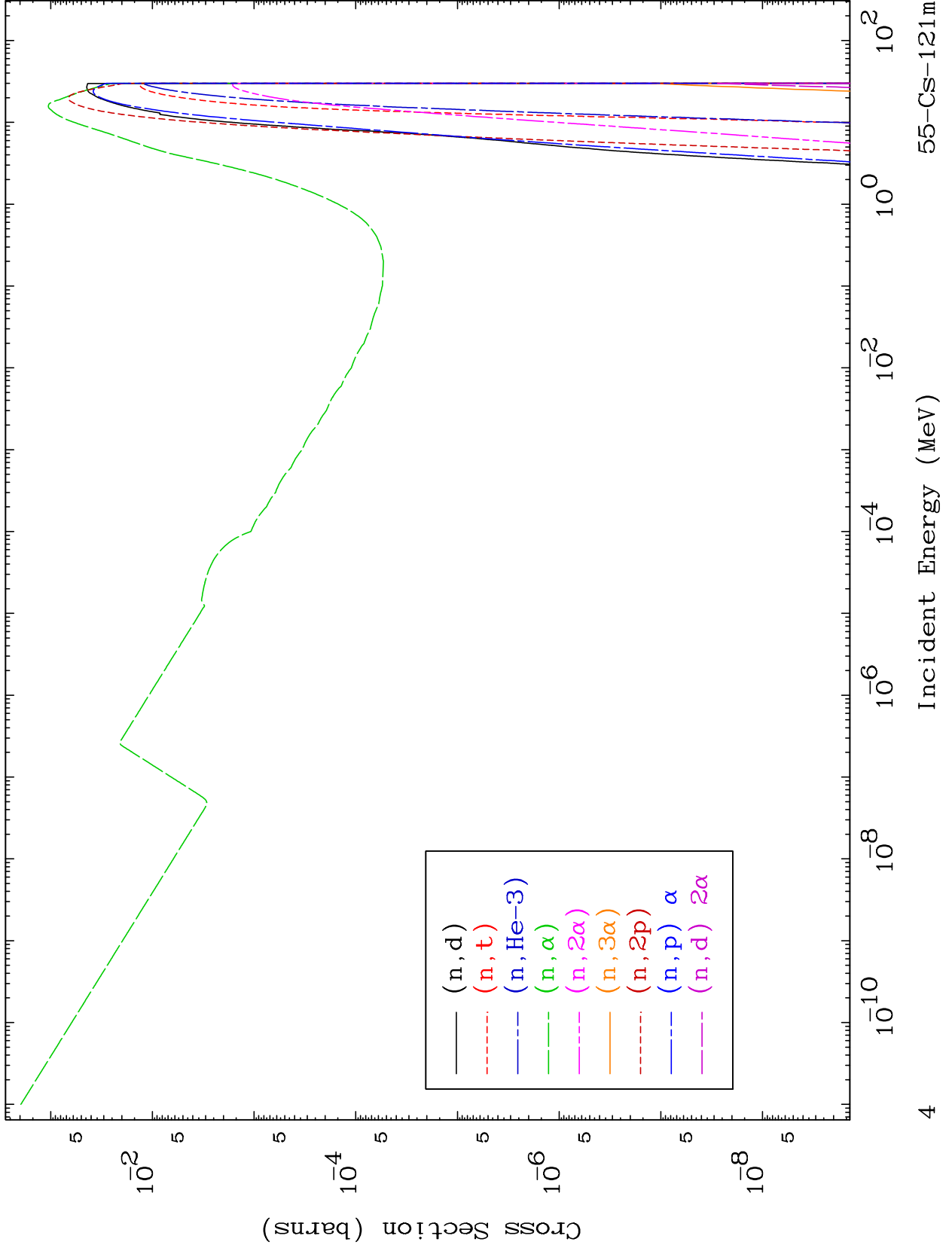
55-Cs-121m



MAT 5490

Neutron Absorption
293 Kelvin Cross Sections

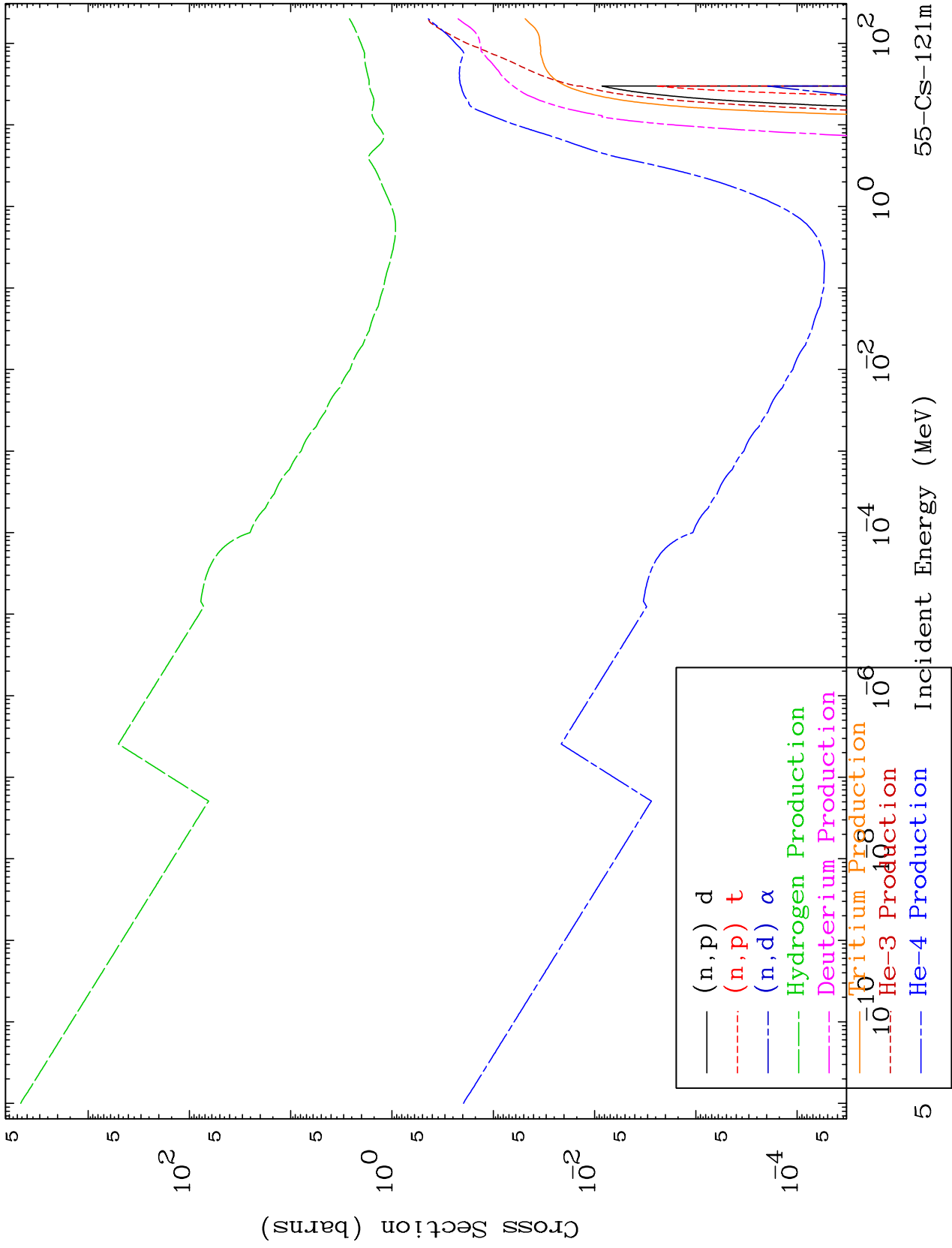
55-Cs-121m



MAT 5490

Neutron Absorption
293 Kelvin Cross Sections

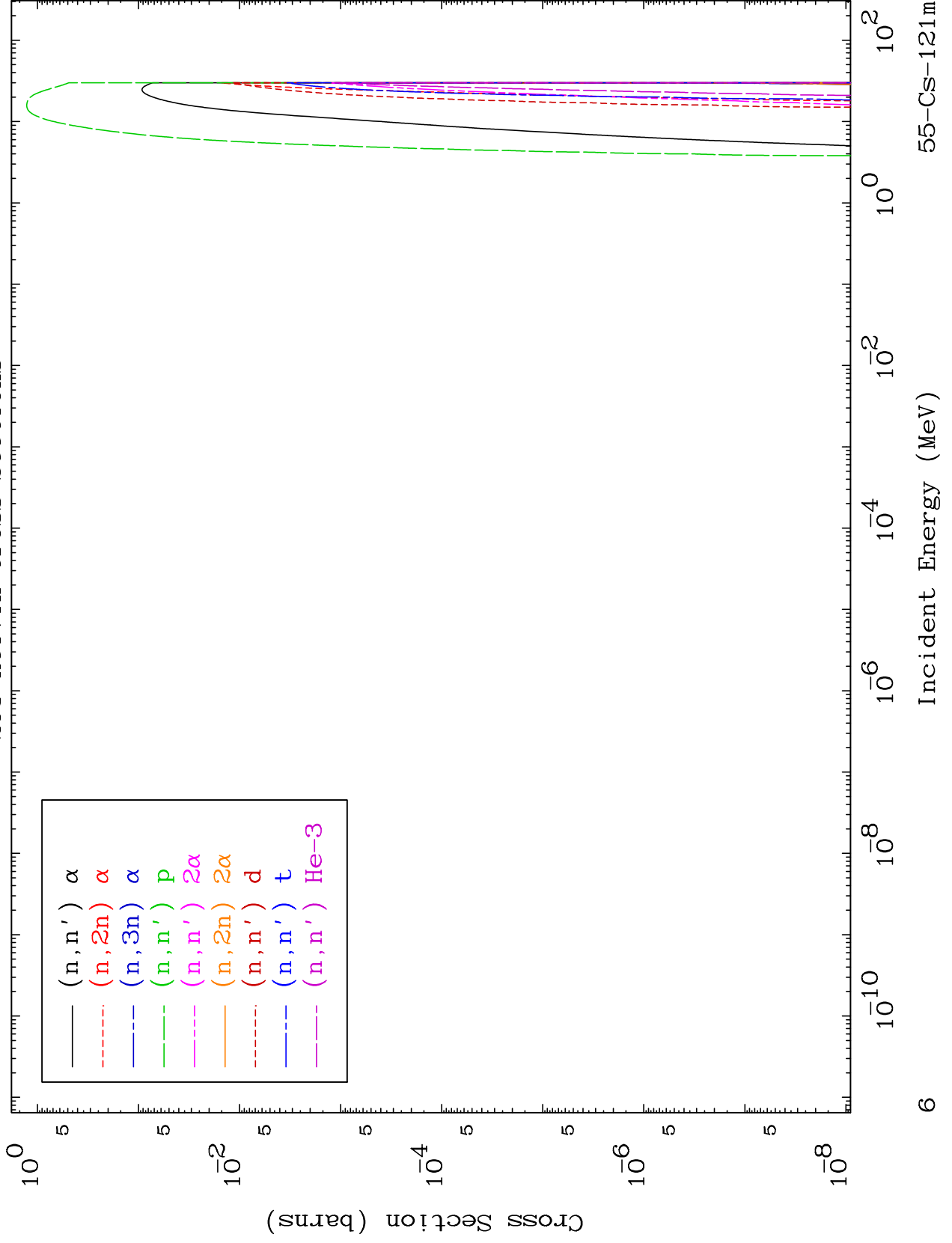
55-Cs-121m



MAT 5490

Charged Particle
293 Kelvin Cross Sections

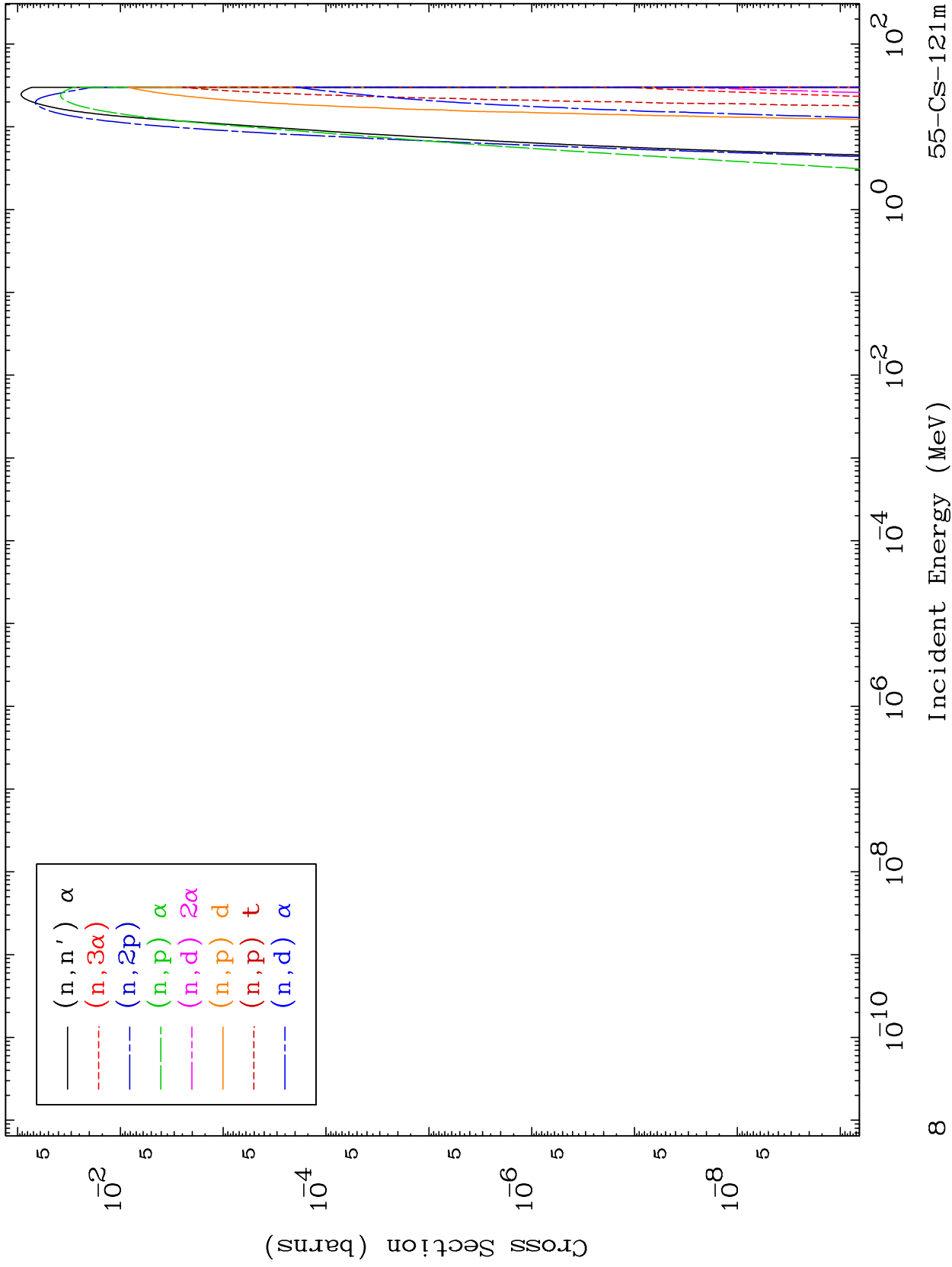
55-Cs-121m



MAT 5490

Charged Particle
293 Kelvin Cross Sections

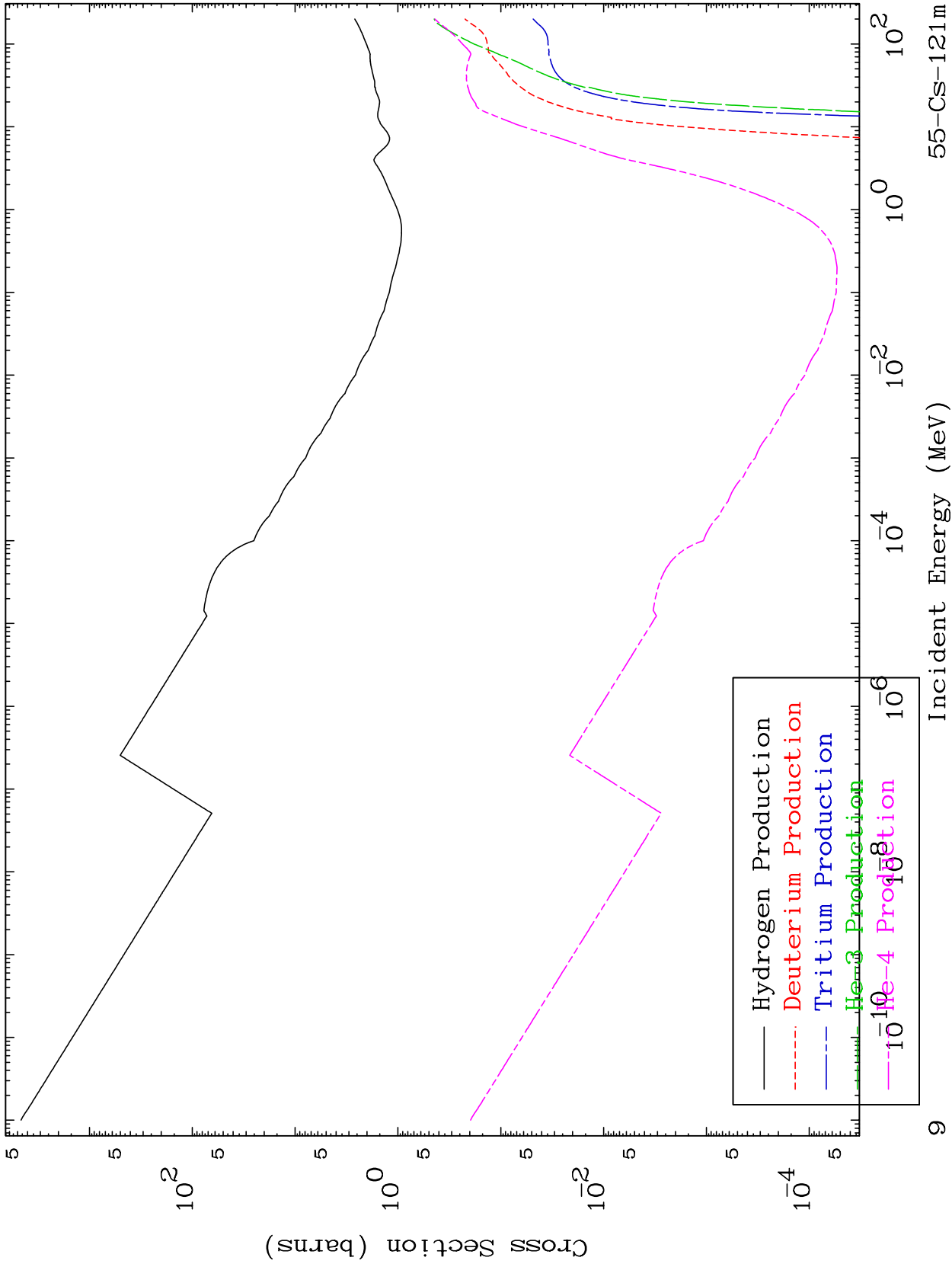
55-Cs-121m

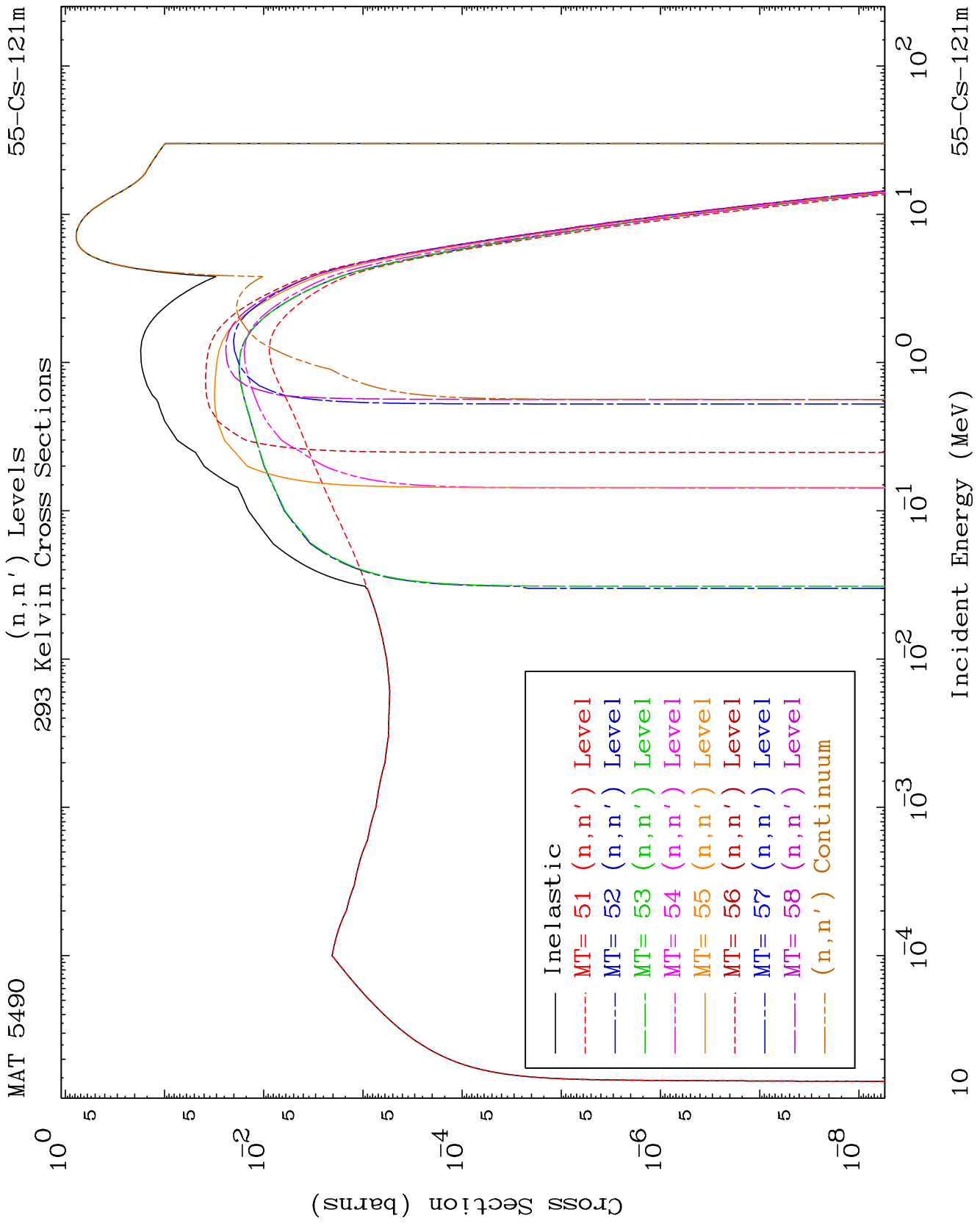


MAT 5490

Particle Production
293 Kelvin Cross Sections

55-Cs-121m

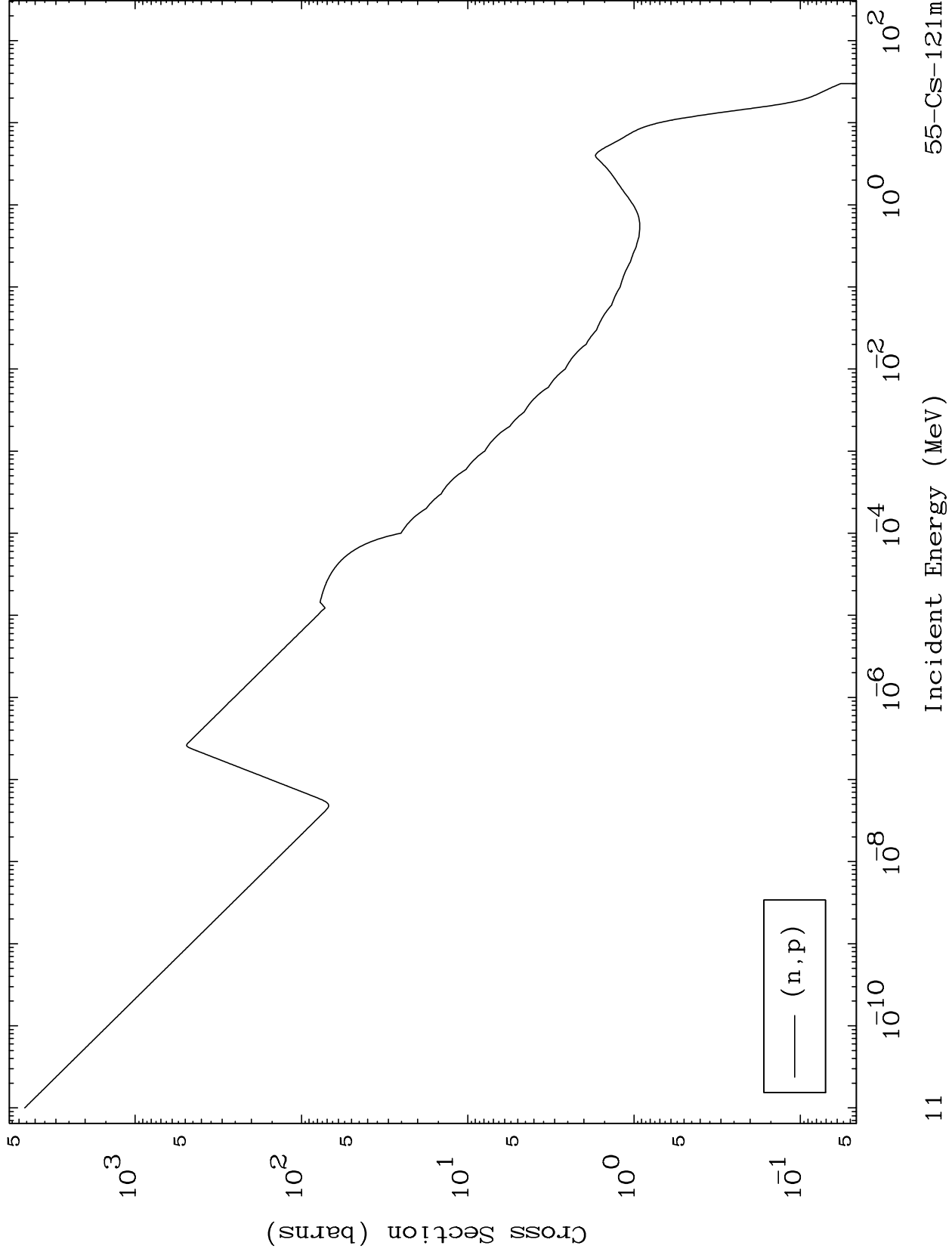




MAT 5490

(n,p) Levels
293 Kelvin Cross Sections

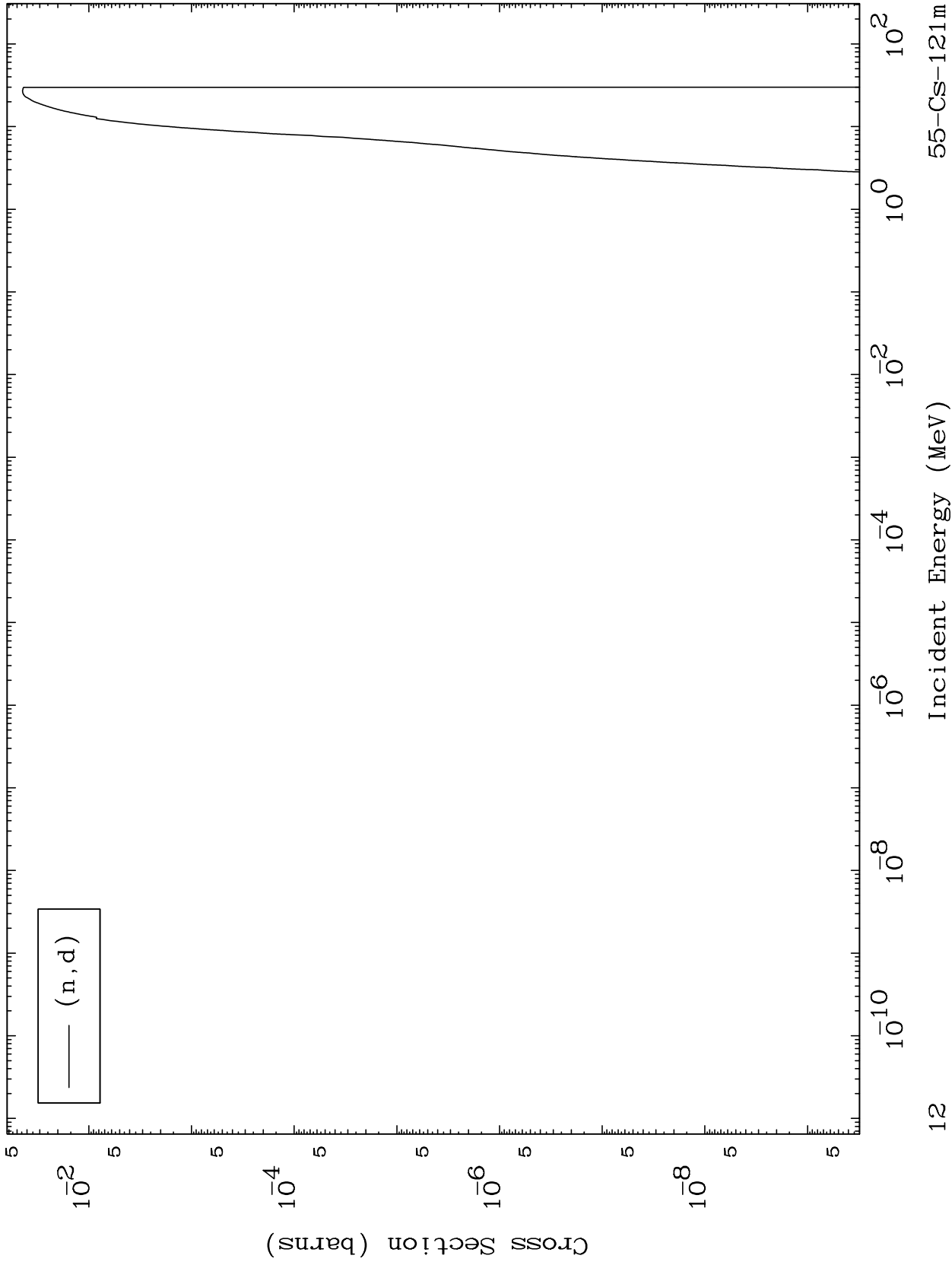
55-Cs-121m



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(n,d) Levels
293 Kelvin Cross Sections

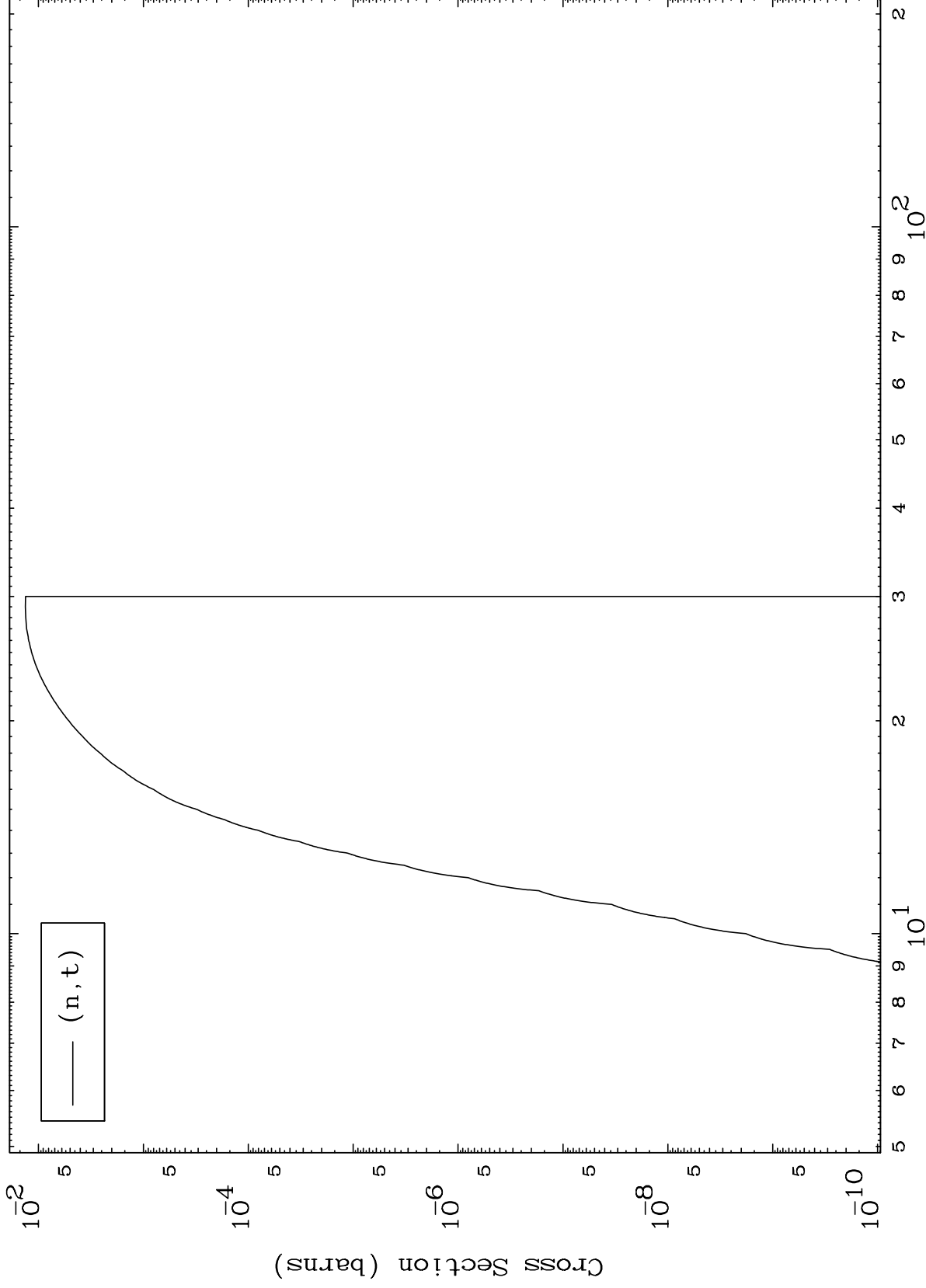
55-Cs-121m



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(n,t) Levels
293 Kelvin Cross Sections

55-Cs-121m



13

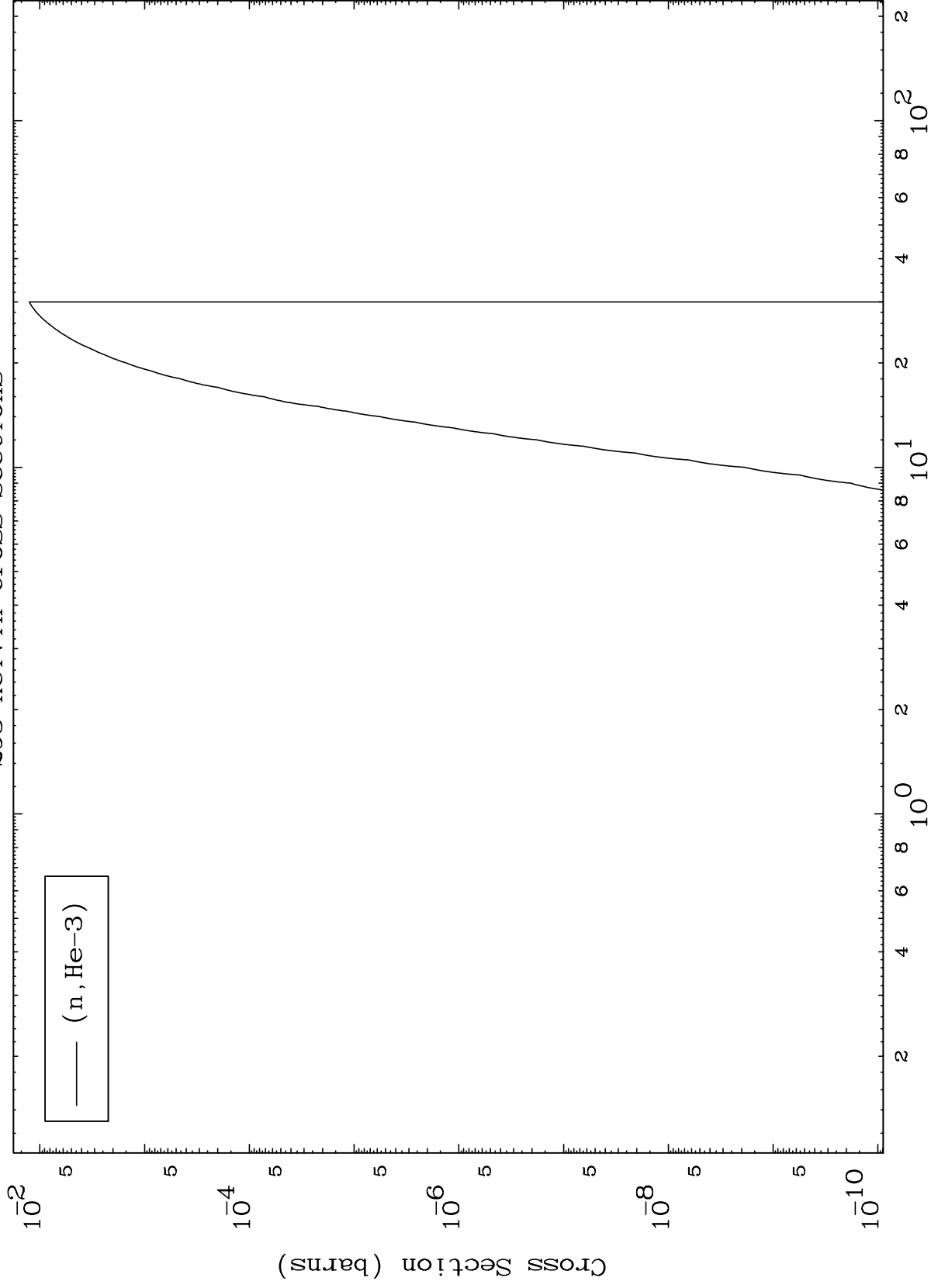
Incident Energy (MeV)

55-Cs-121m

MAT 5490

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-121m



14

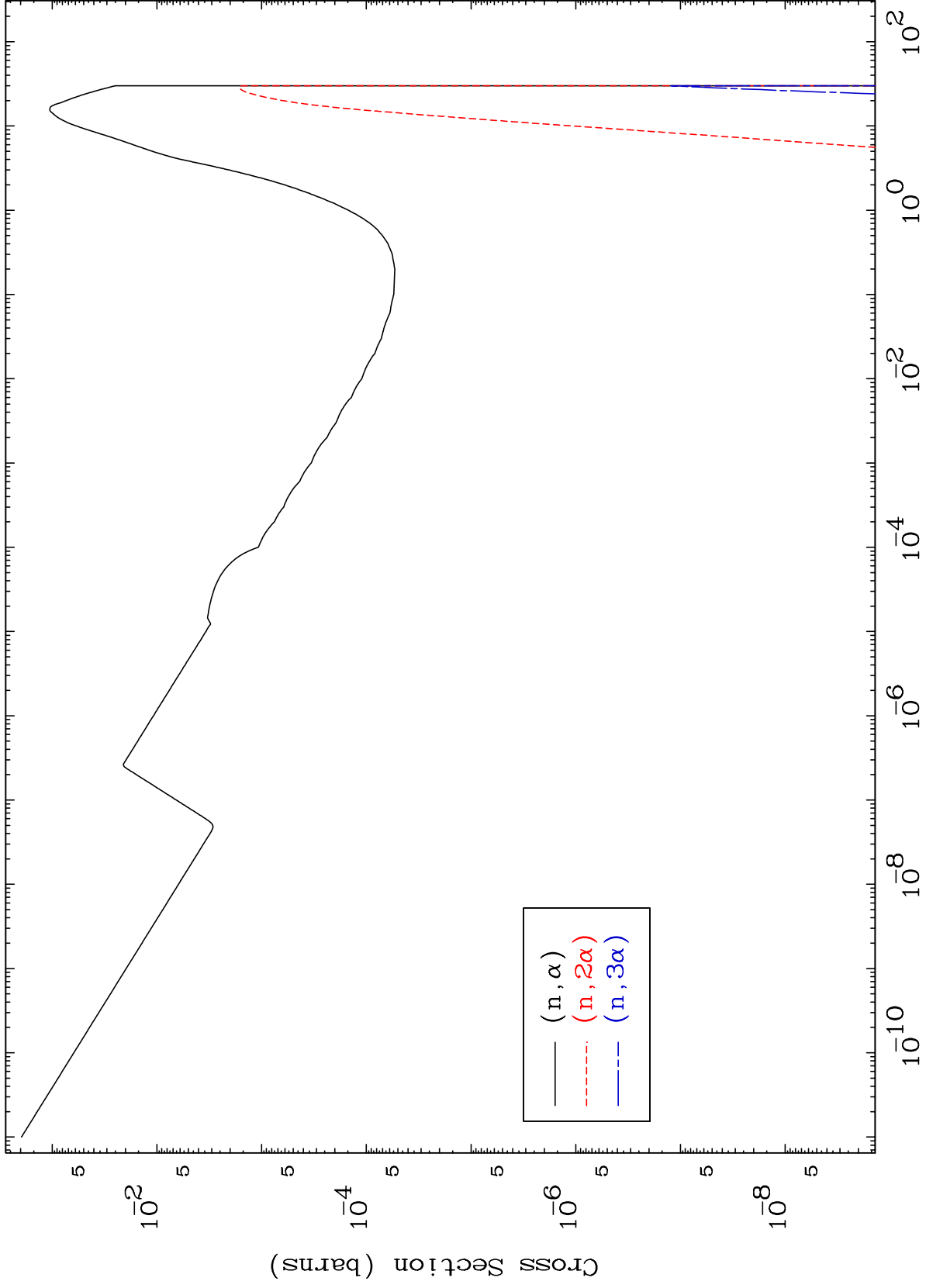
Incident Energy (MeV)

55-Cs-121m

MAT 5490

(n, α) Levels
293 Kelvin Cross Sections

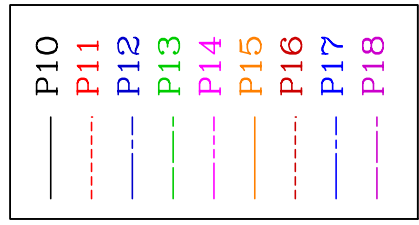
55-Cs-121m



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Elastic Legendre Coefficients

55-Cs-121m



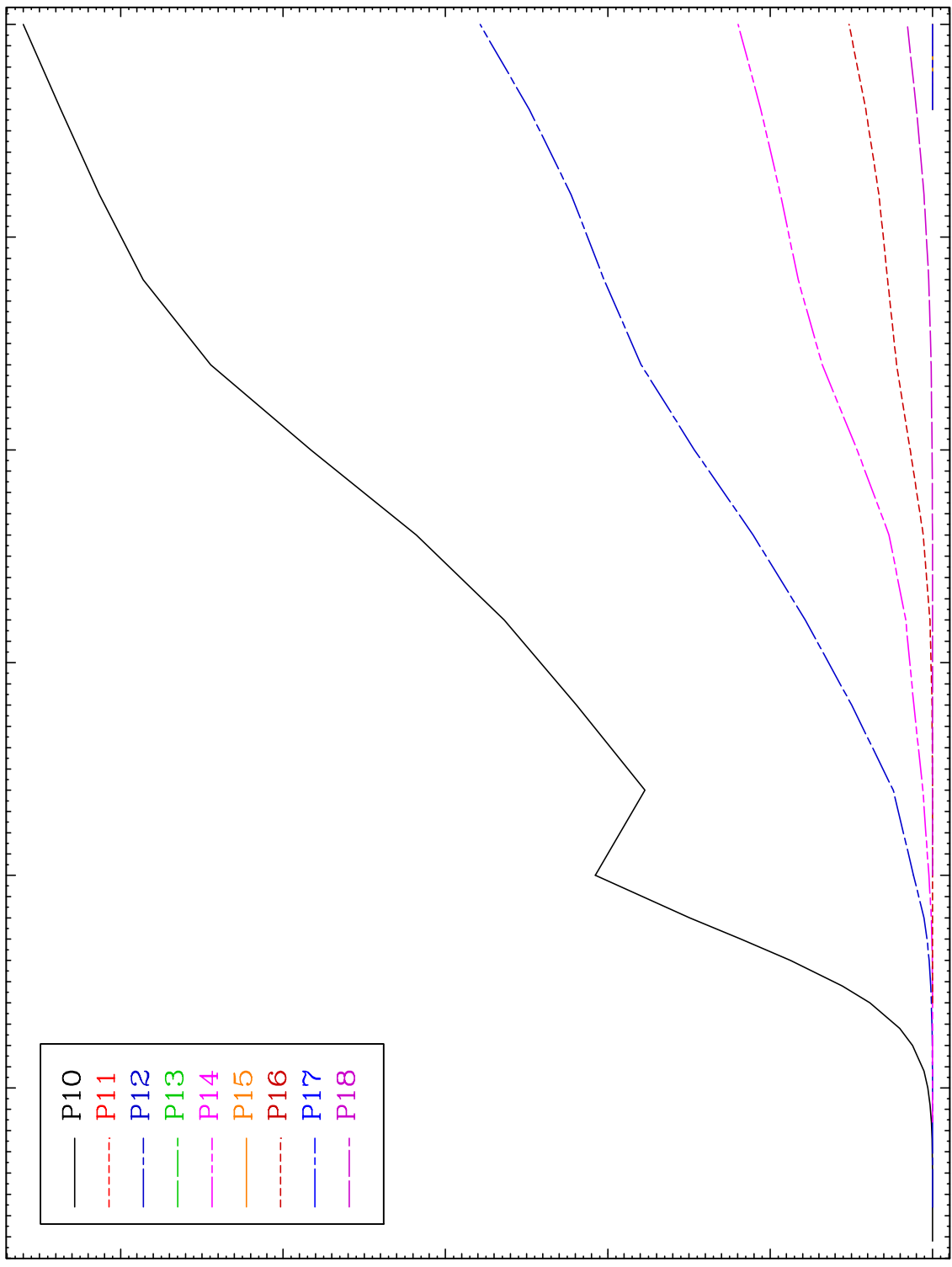
$\times 10^{-4}$

Legendre (CM)

17

Incident Energy (MeV)

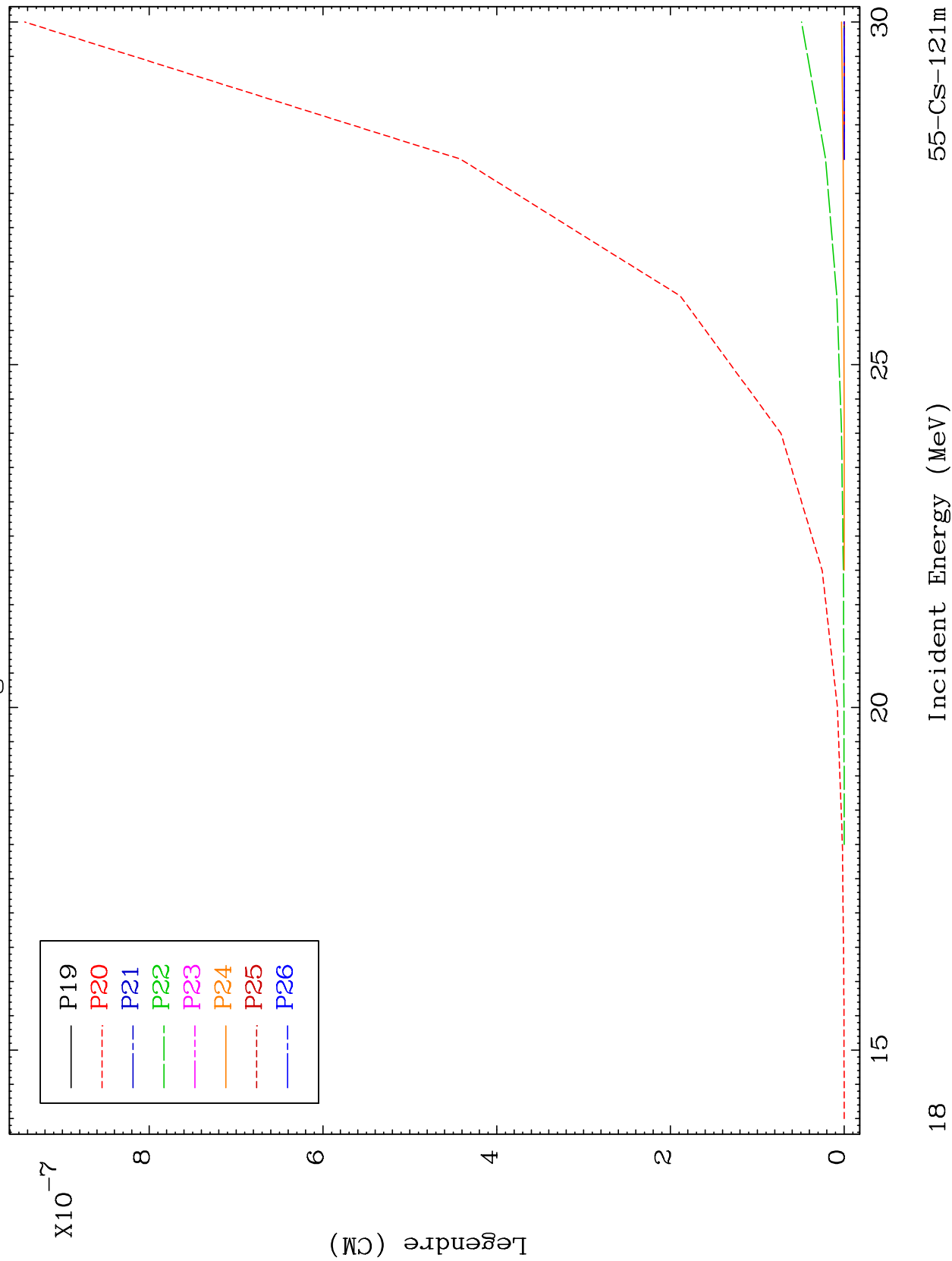
55-Cs-121m



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Elastic
Legendre Coefficients

55-Cs-121m



18

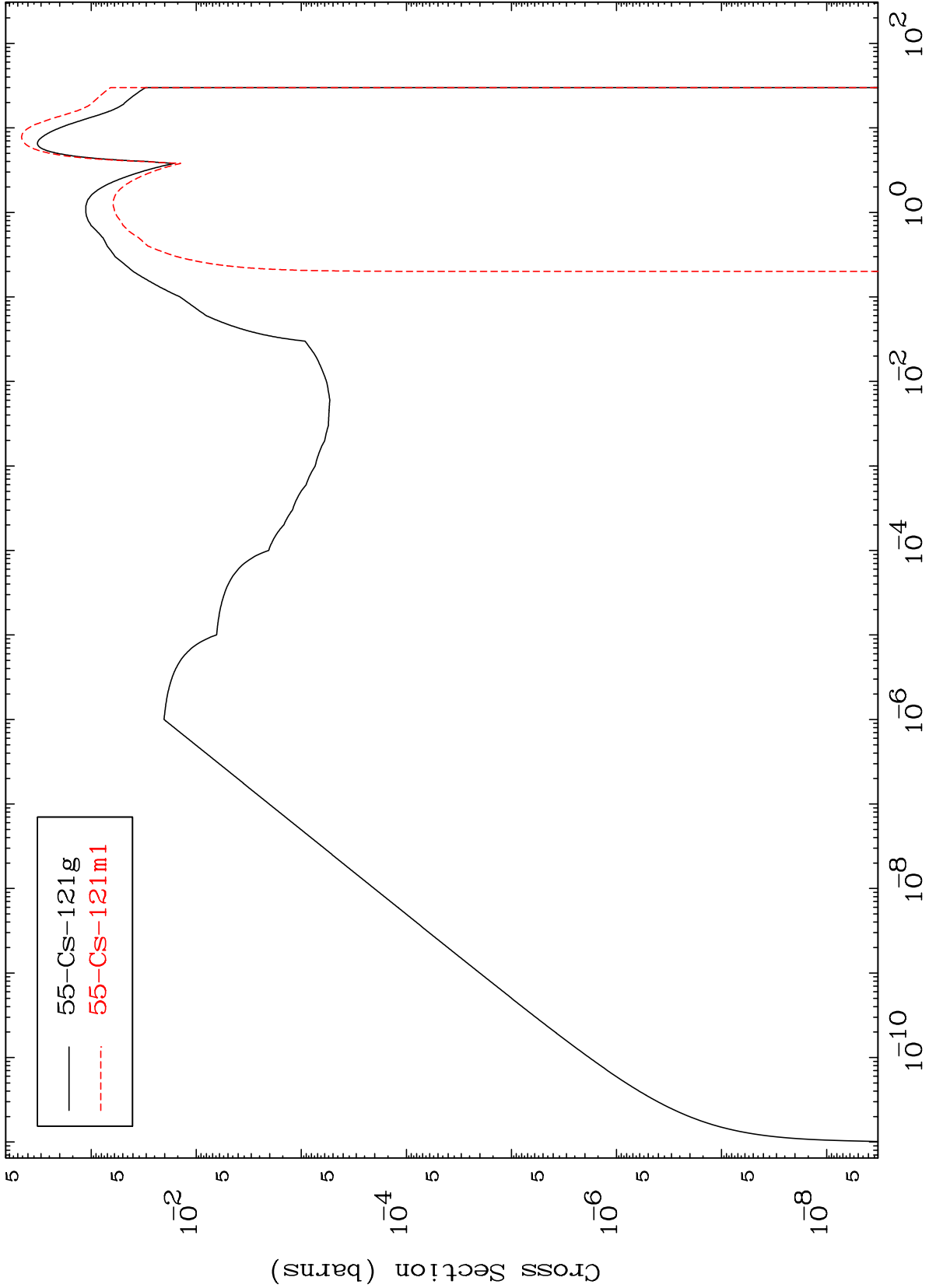
Incident Energy (MeV)

55-Cs-121m

MAT 5490

Inelastic
Radionuclide Production Cross Section

55-Cs-121m

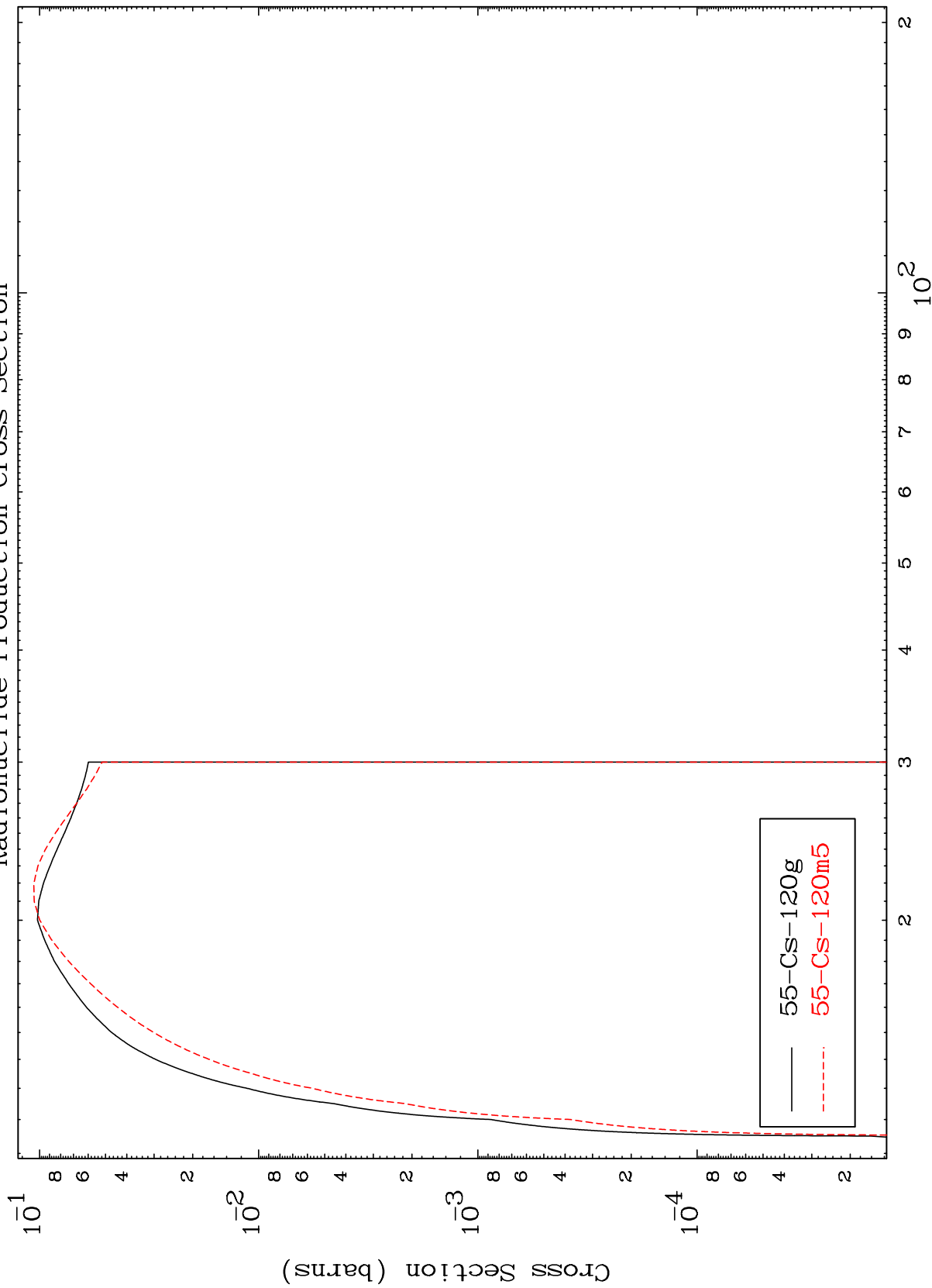


55-Cs-121m

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55-Cs-121m

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

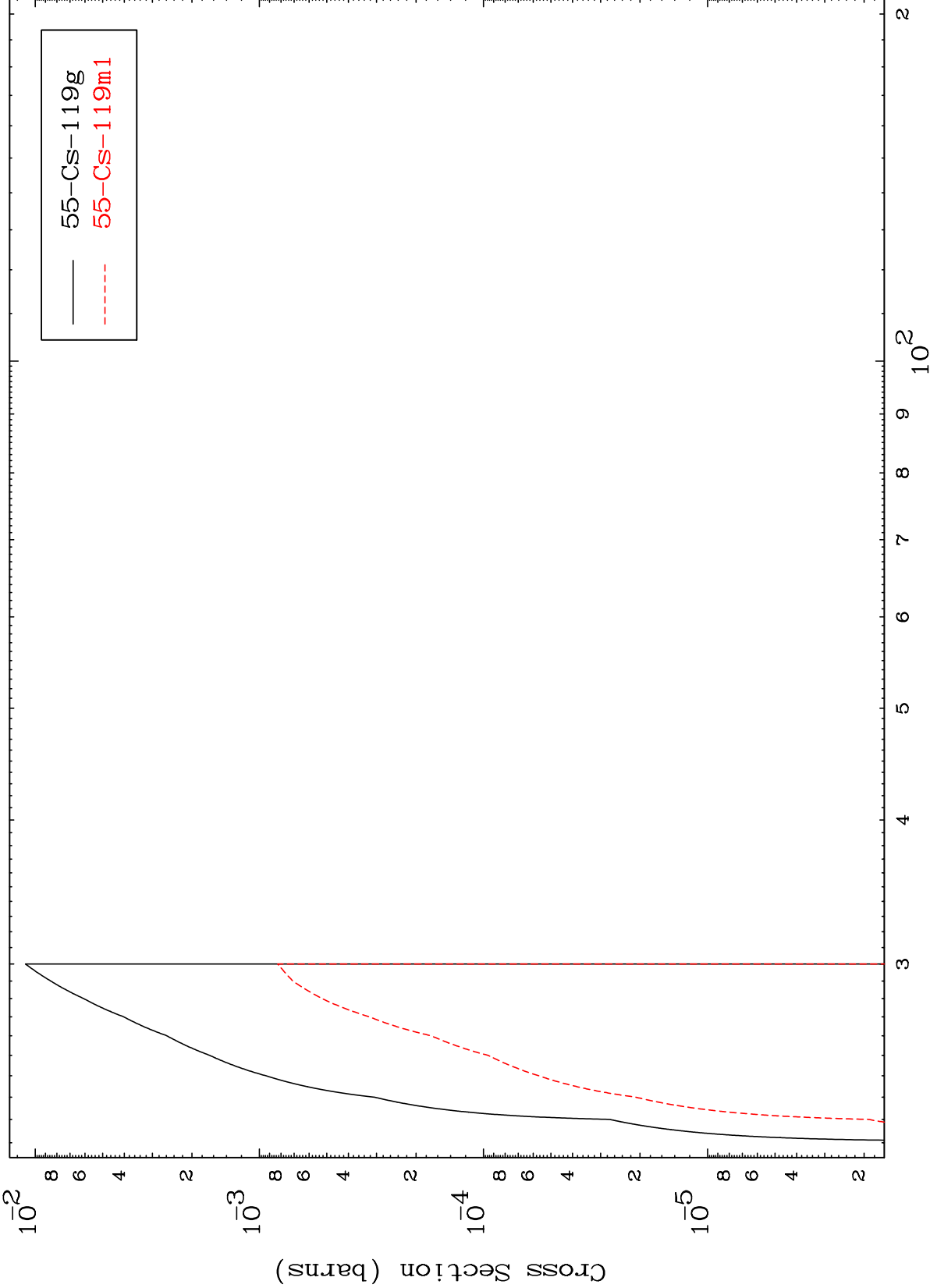
55-Cs-121m

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(n,3n)

55-Cs-121m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

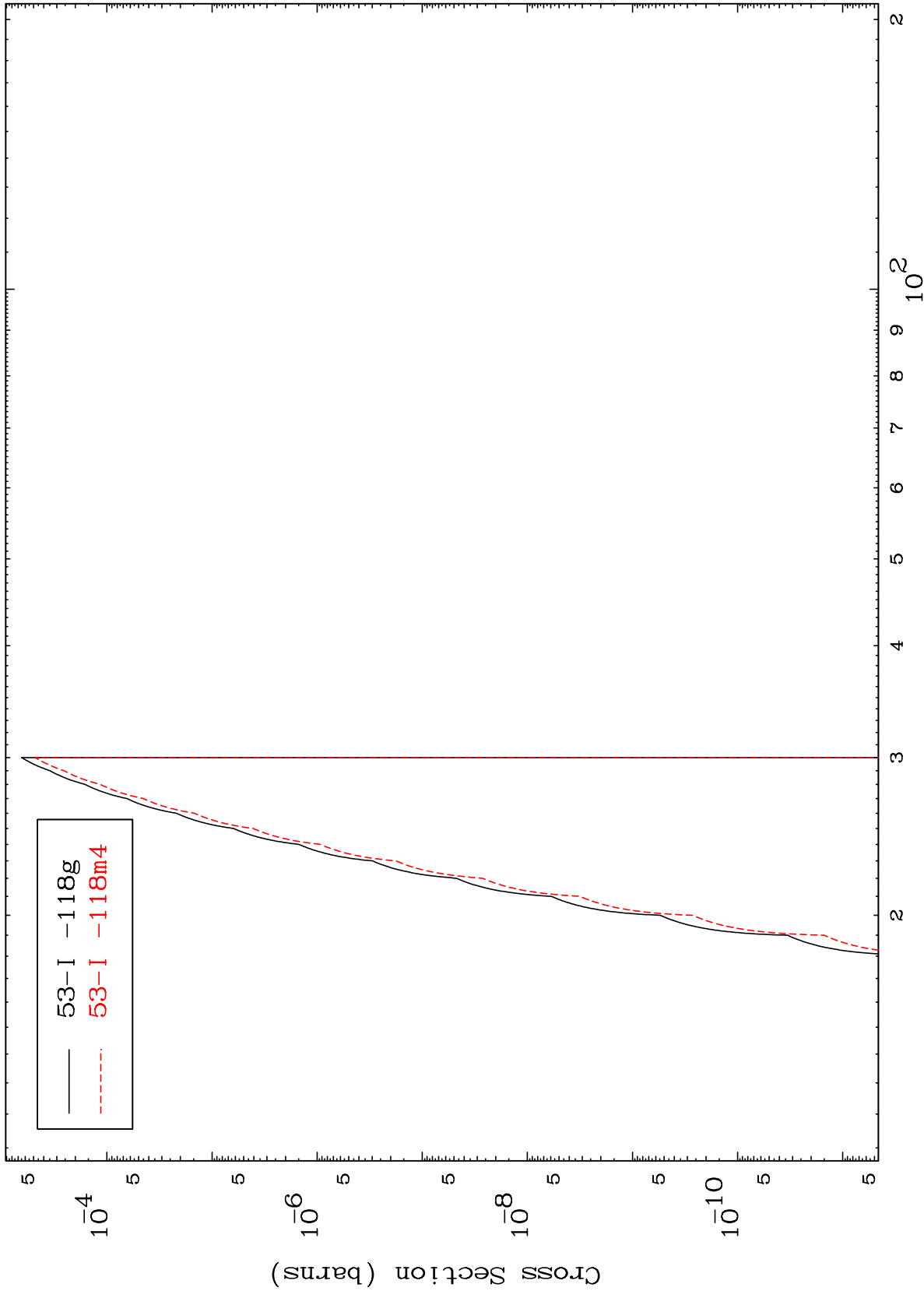
55-Cs-121m

MAT 5490

(n,n') He-3

55-Cs-121m

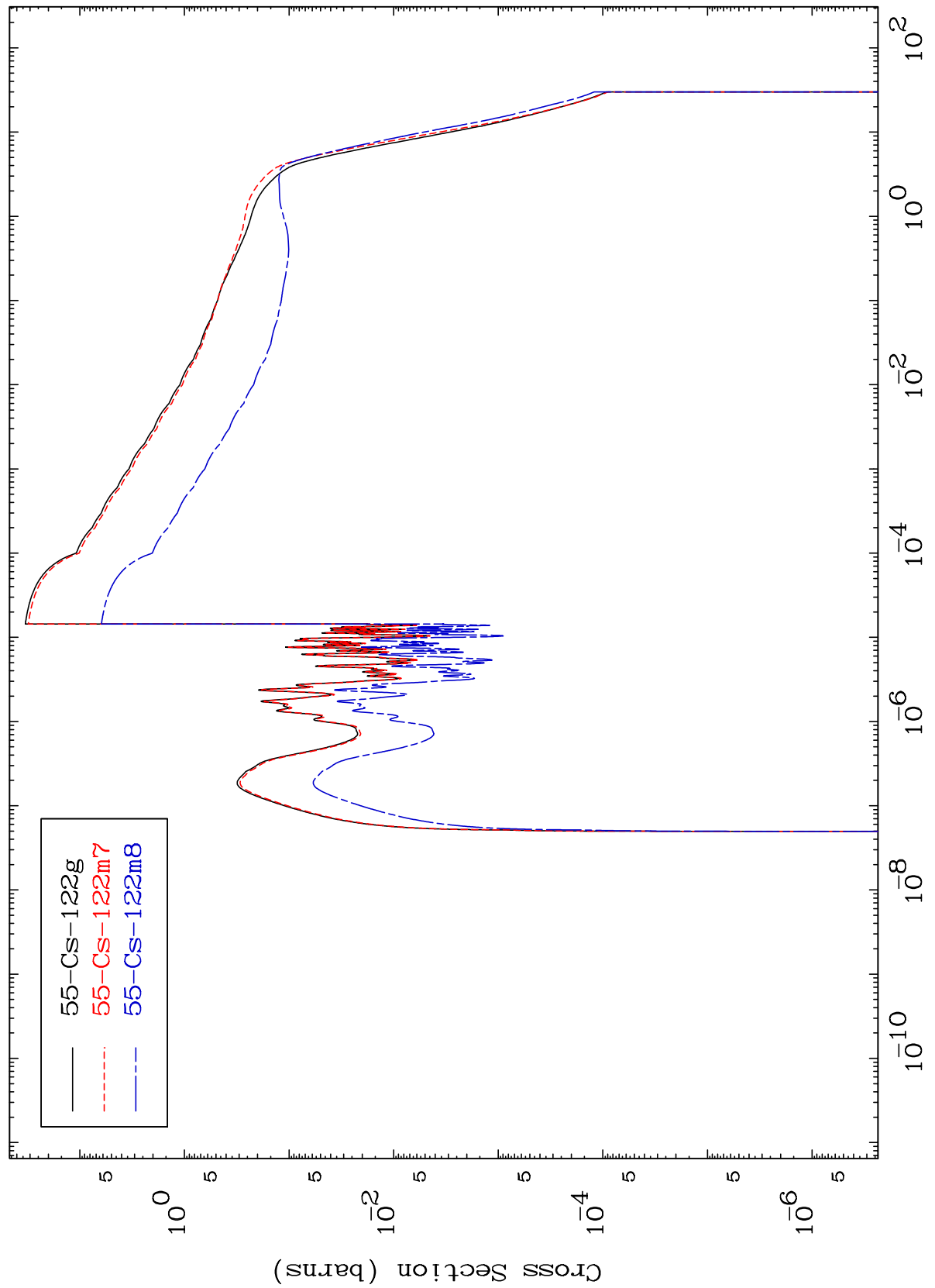
Radionuclide Production Cross Section



MAT 5490

55-Cs-121m

Radionuclide Production Cross Section
(n, γ)

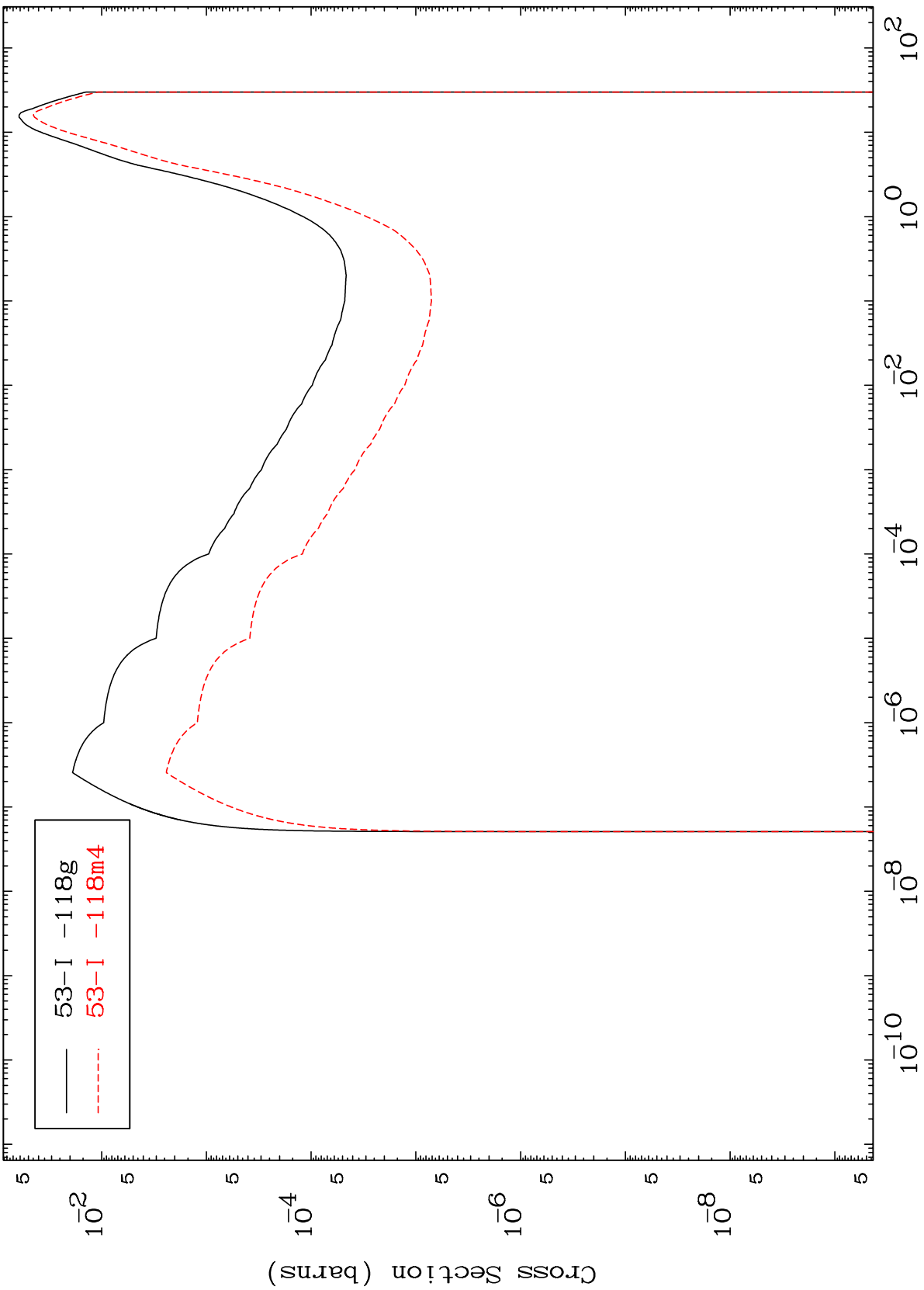


55-Cs-121m

MAT 5490

55-Cs-121m

Radionuclide Production Cross Section
(n, α)



24

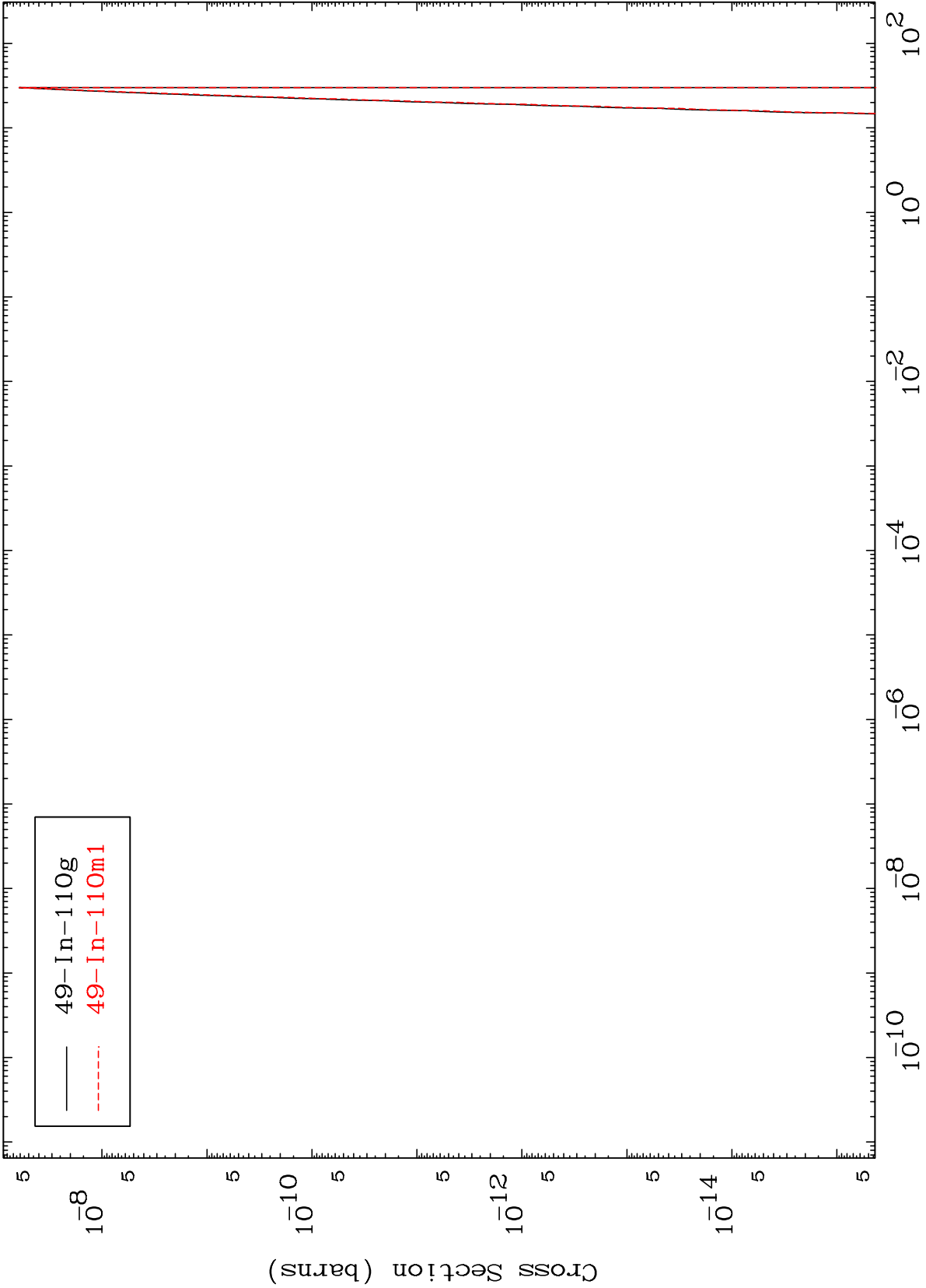
55-Cs-121m

MAT 5490

(n,3α)

55-Cs-121m

Radionuclide Production Cross Section

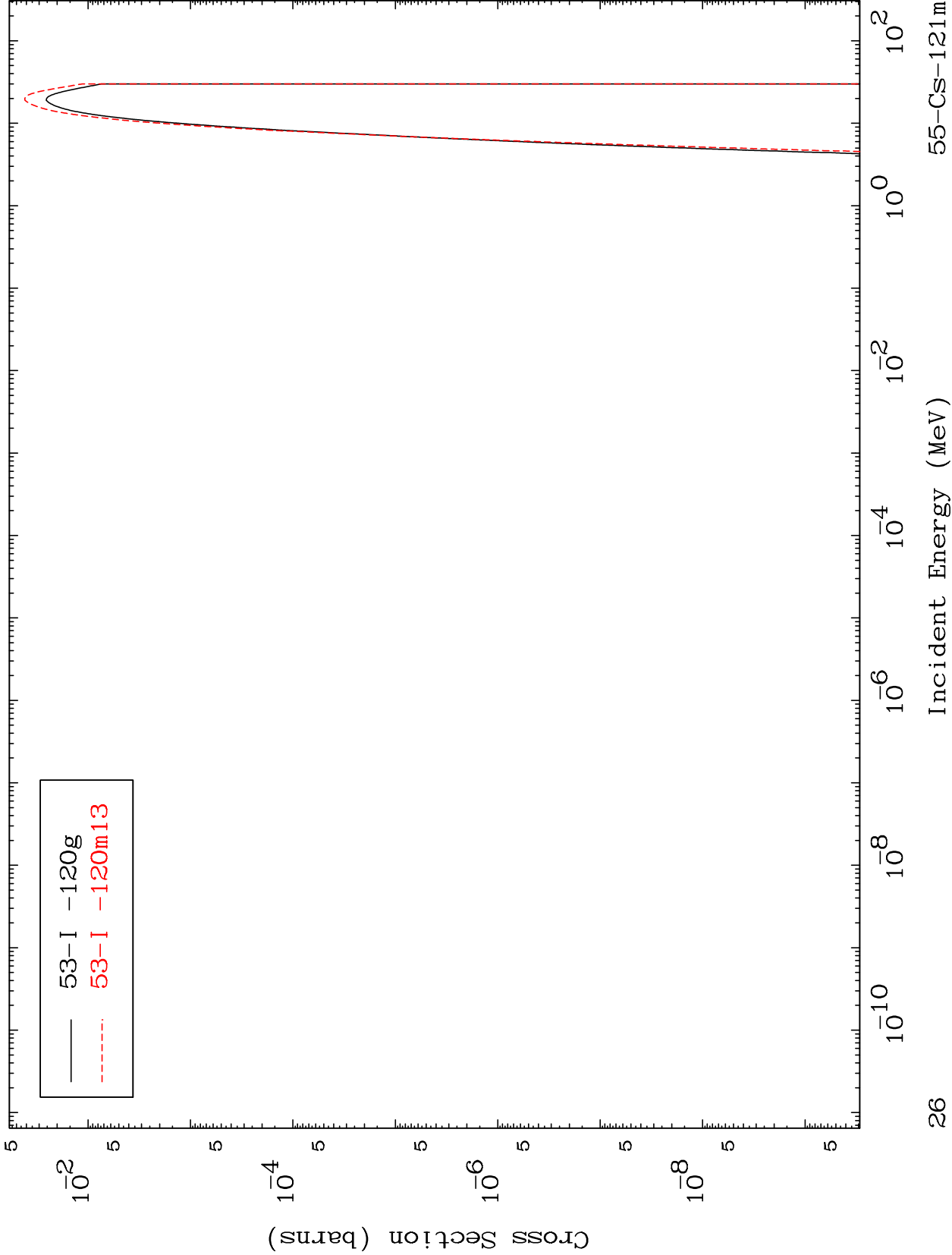


MAT 5490

(n,2p)

55-Cs-121m

Radionuclide Production Cross Section

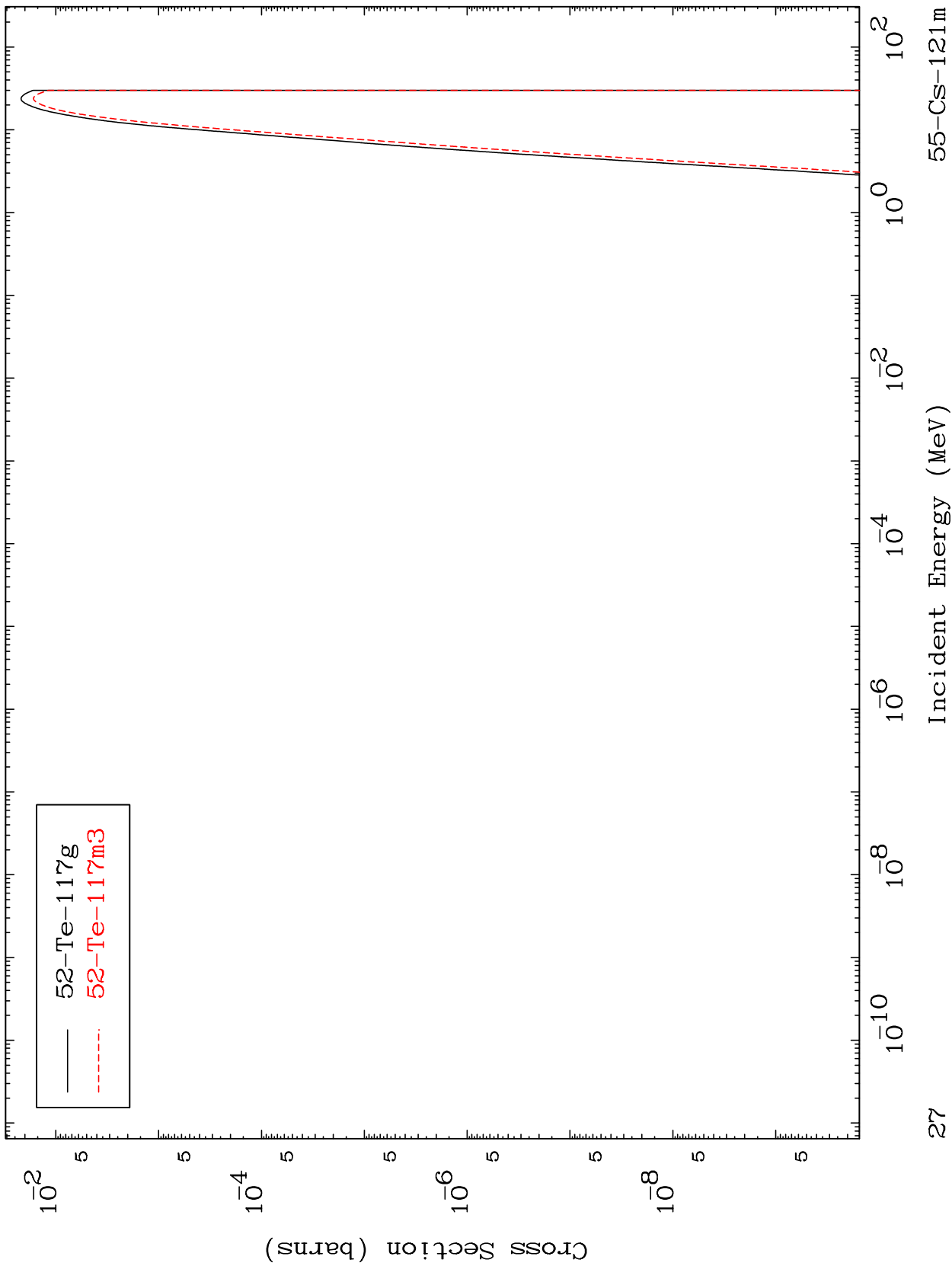


MAT 5490

(n,p) α

55-Cs-121m

Radionuclide Production Cross Section

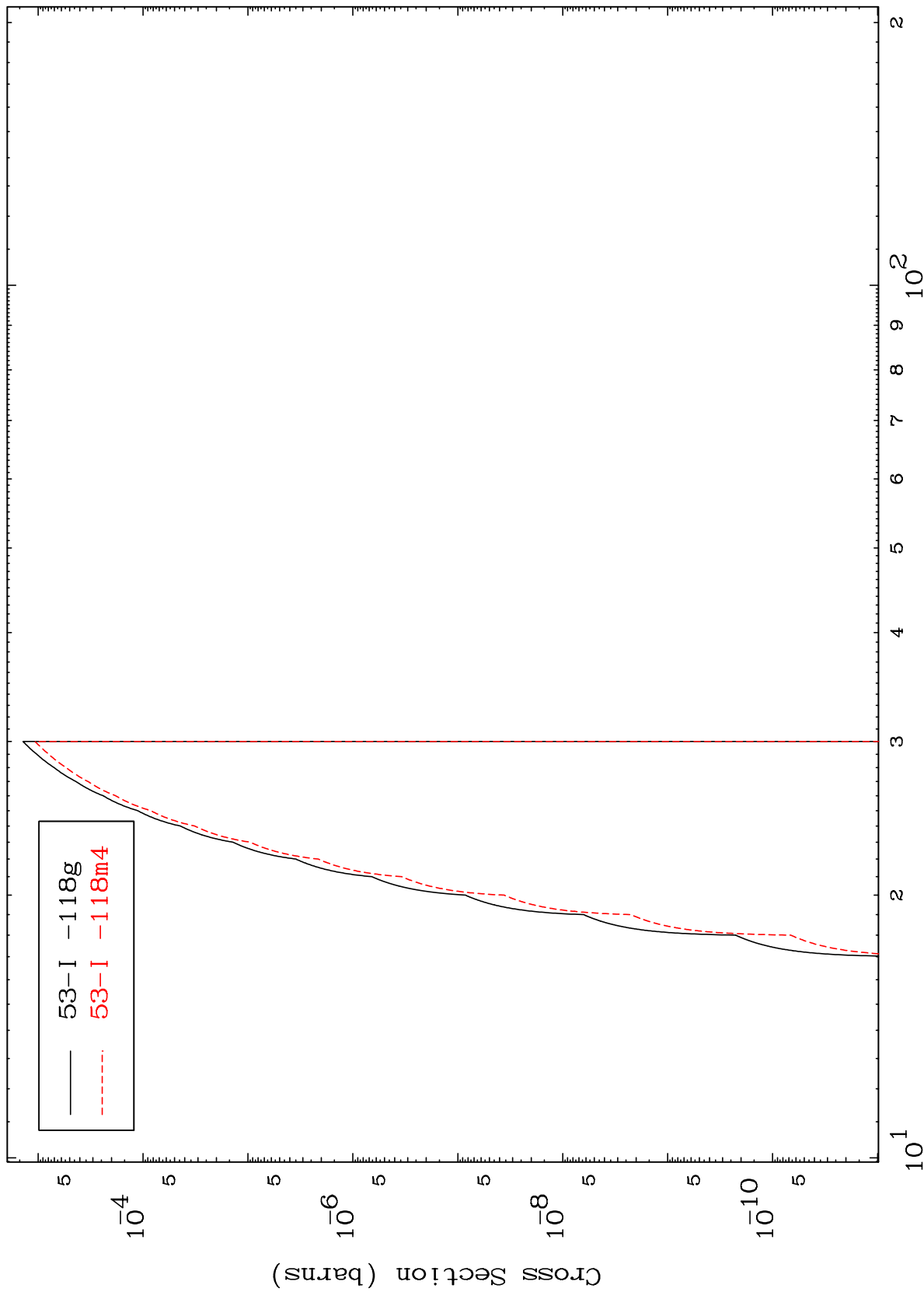


MAT 5490

(n,p) t

55-Cs-121m

Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-121m

28