

Program EVALPLOT
(Version 2021-1)

by

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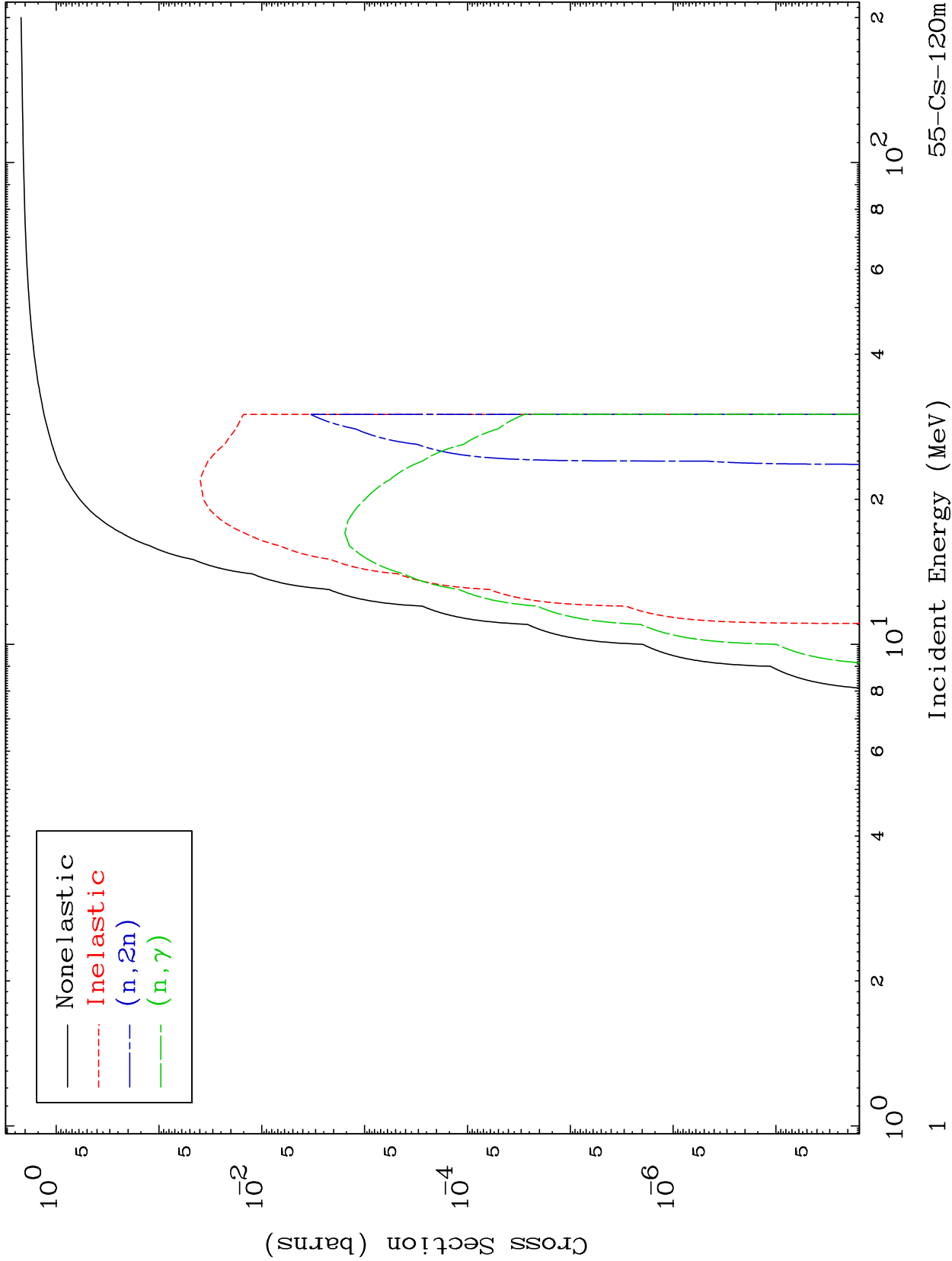
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5487

0 Kelvin Cross Sections

55-Cs-120m



Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

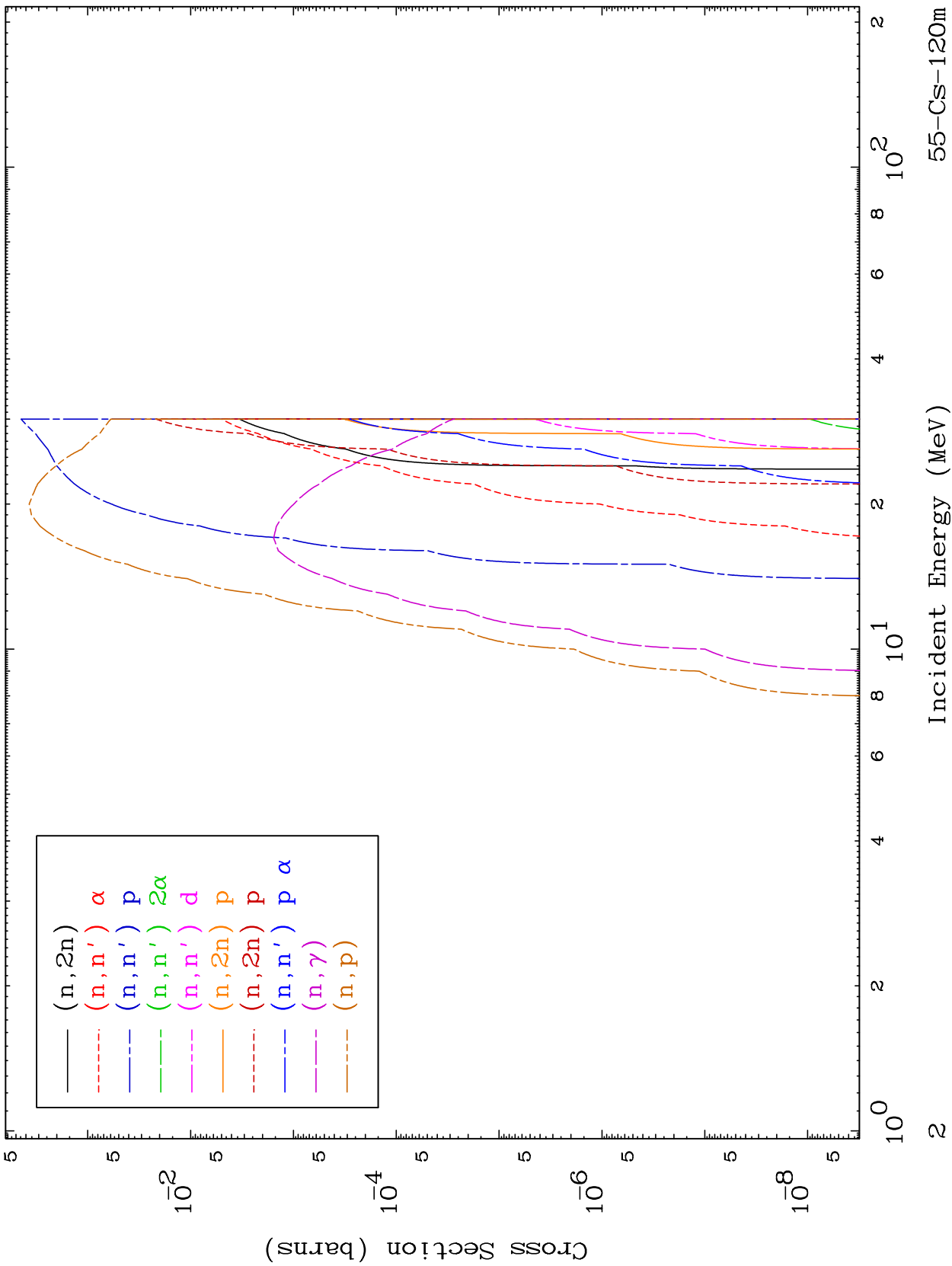
55-Cs-120m

Incident Energy (MeV)

MAT 5487

α Neutron Absorption
0 Kelvin Cross Sections

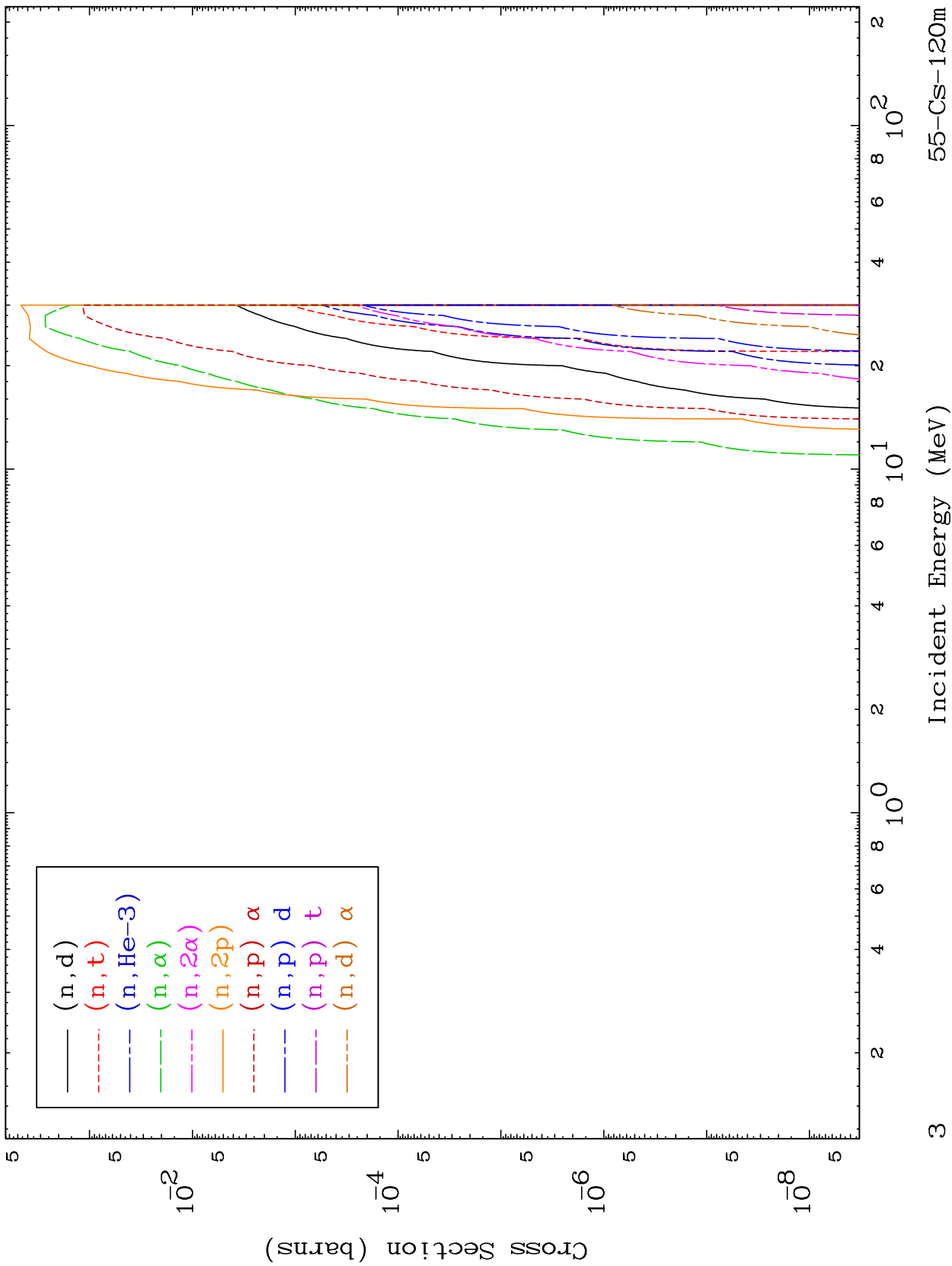
55-Cs-120m

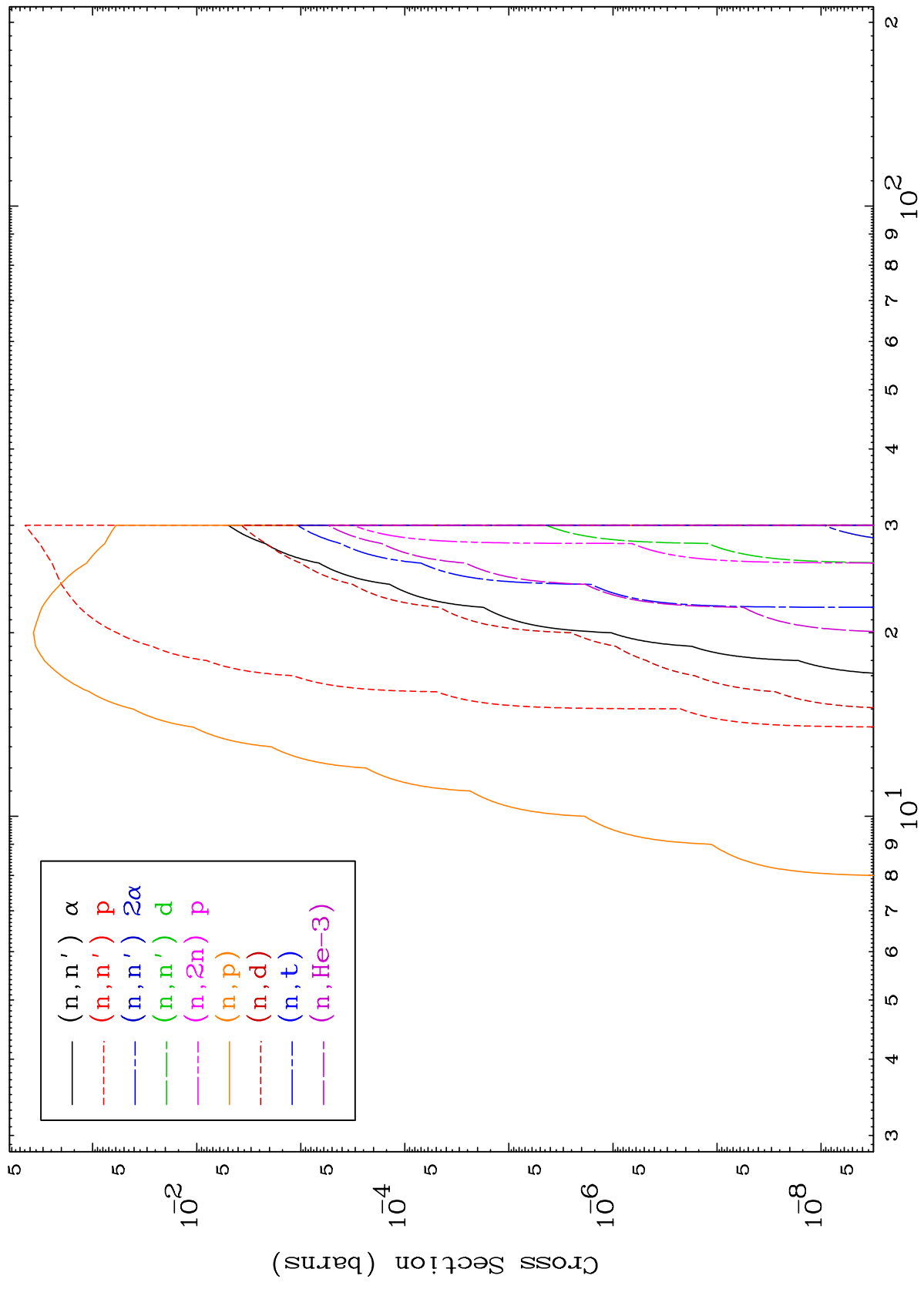


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α Neutron Absorption
0 Kelvin Cross Sections

55-Cs-120m

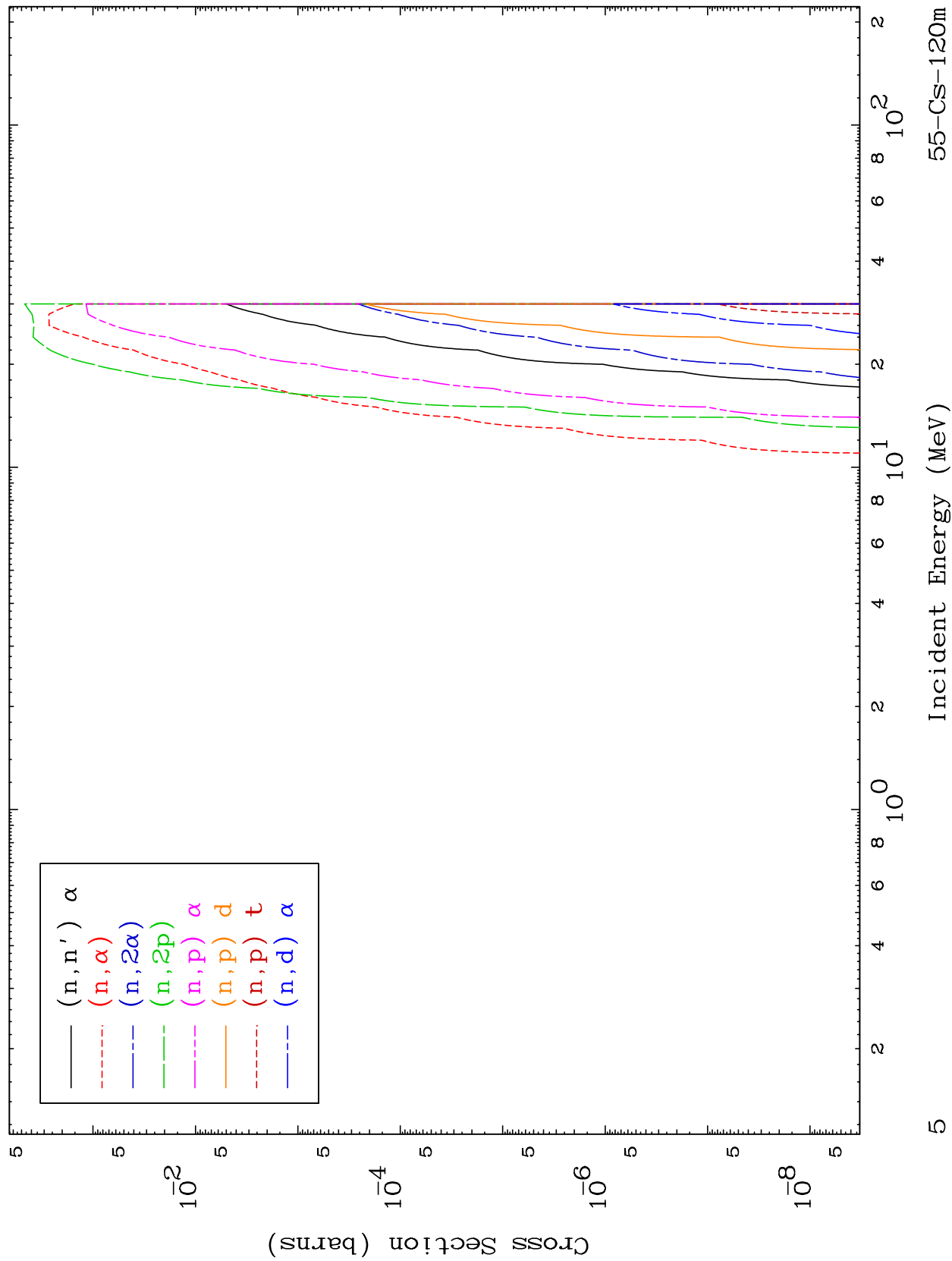




MAT 5487

α Charged Particle
0 Kelvin Cross Sections

55-Cs-120m



5

Incident Energy (MeV)

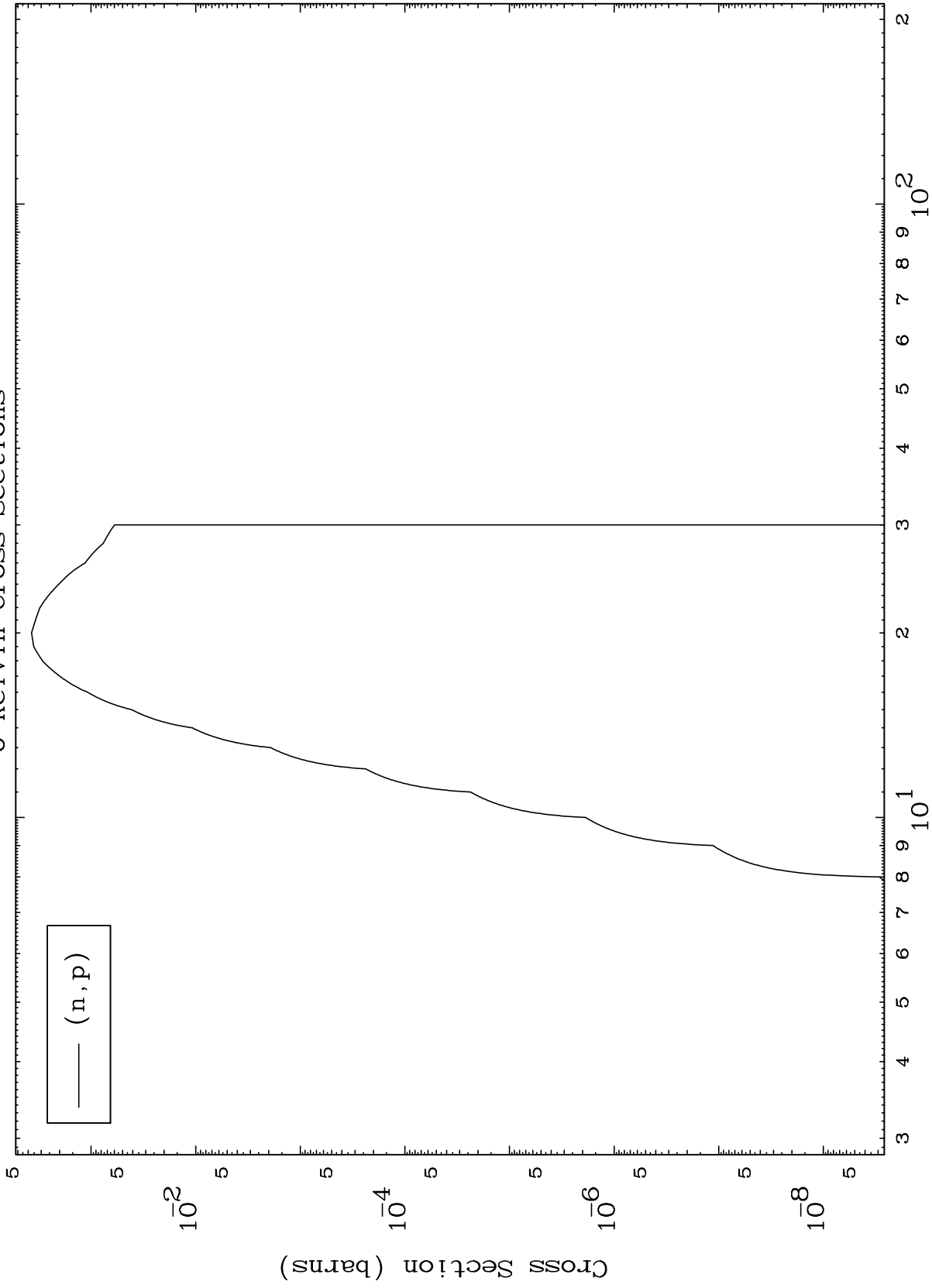
55-Cs-120m

MAT 5487

(α, p) Levels

55-Cs-120m

0 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-120m

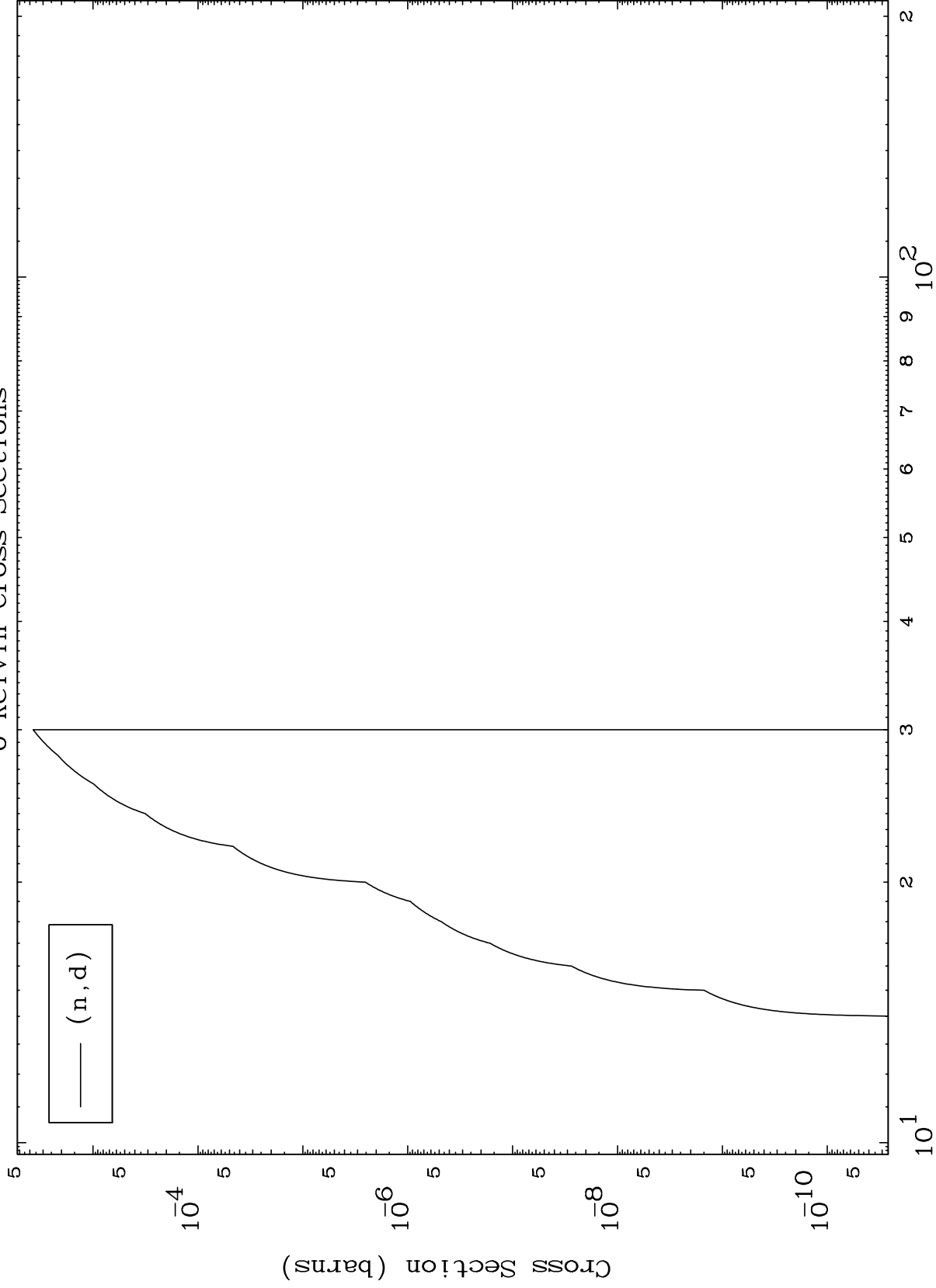
6

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(α, d) Levels

55-Cs-120m

0 Kelvin Cross Sections



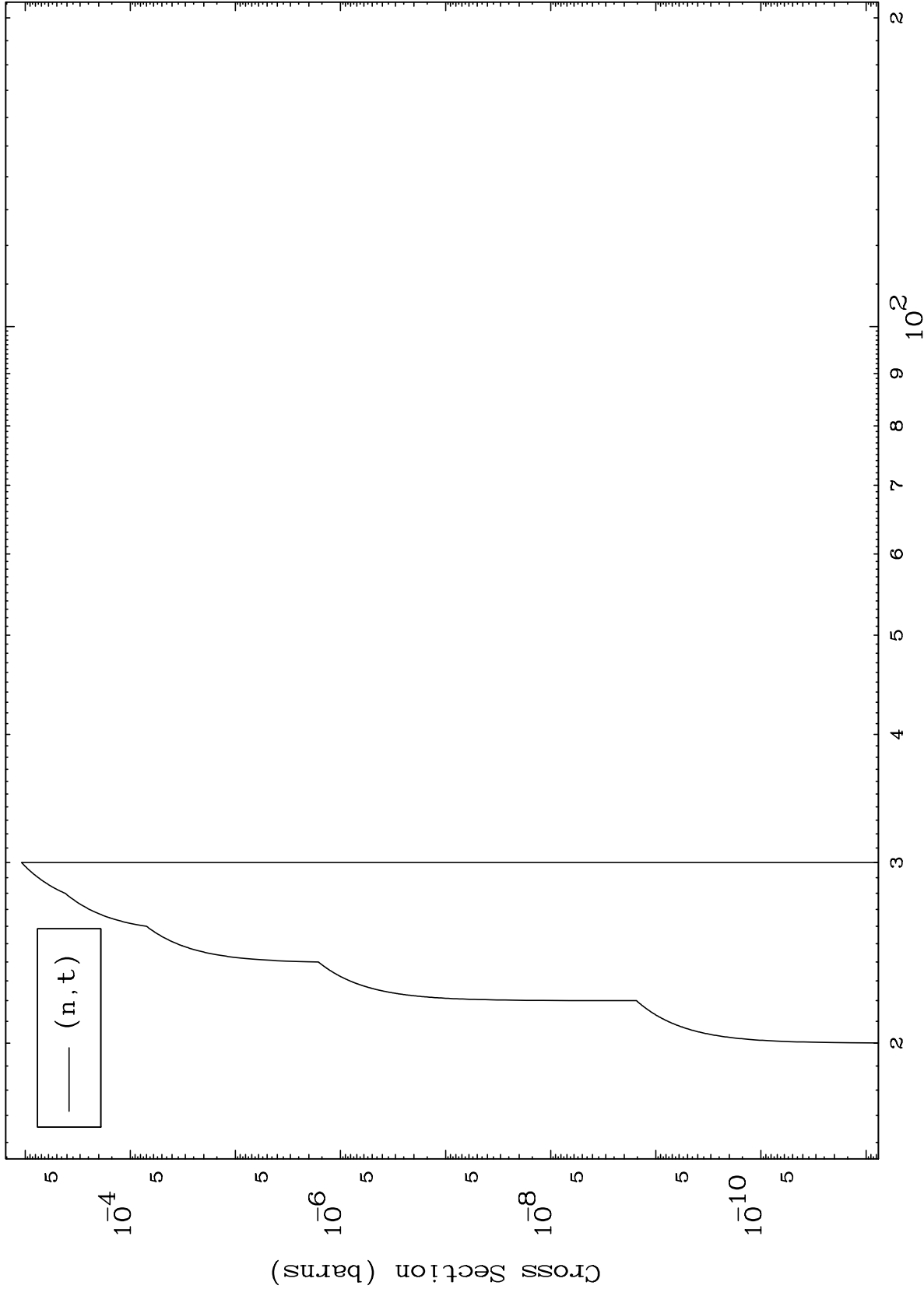
Incident Energy (MeV)

55-Cs-120m

MAT 5487

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-120m



8

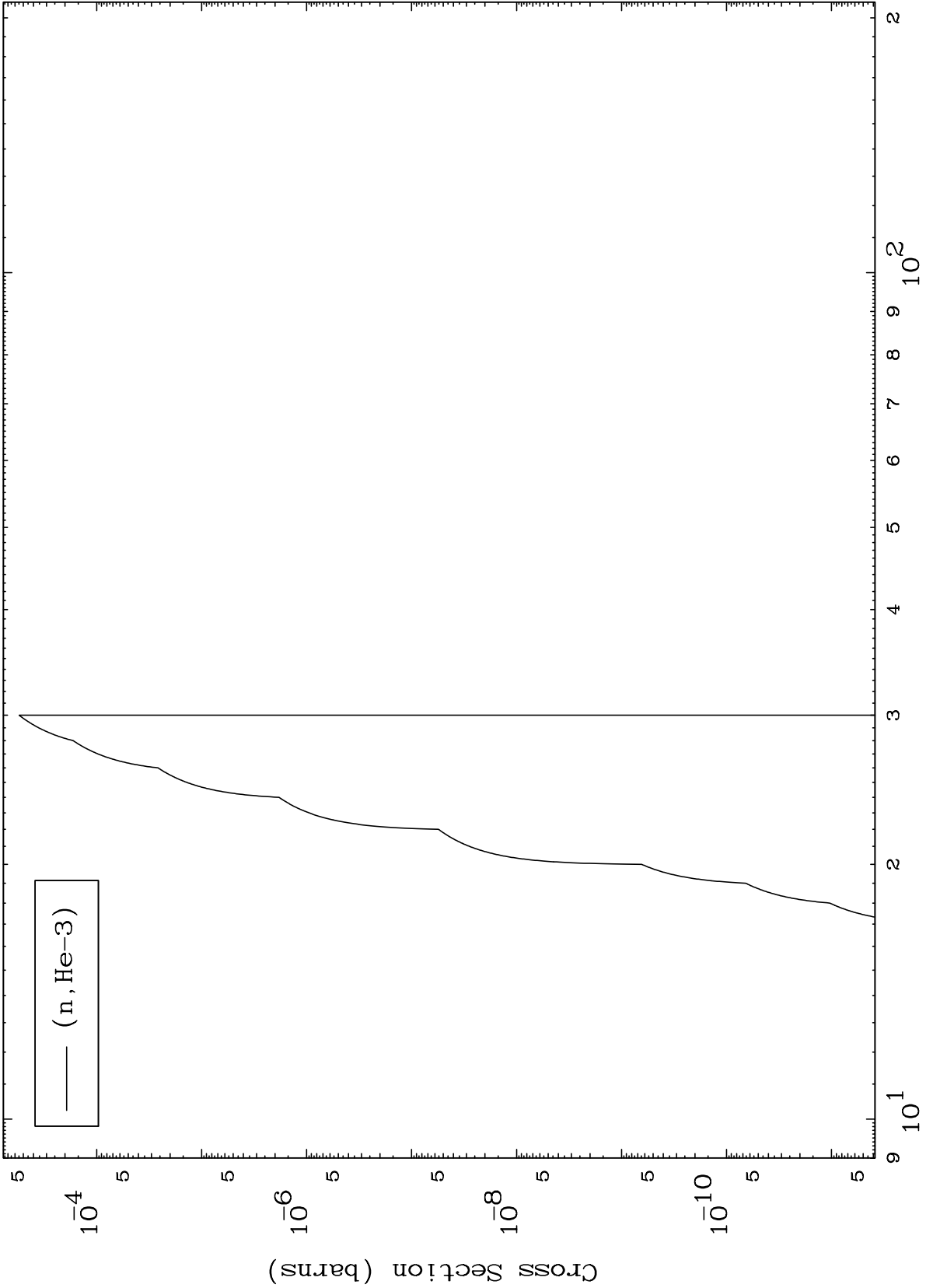
Incident Energy (MeV)

55-Cs-120m

MAT 5487

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

55-Cs-120m



9

Incident Energy (MeV)

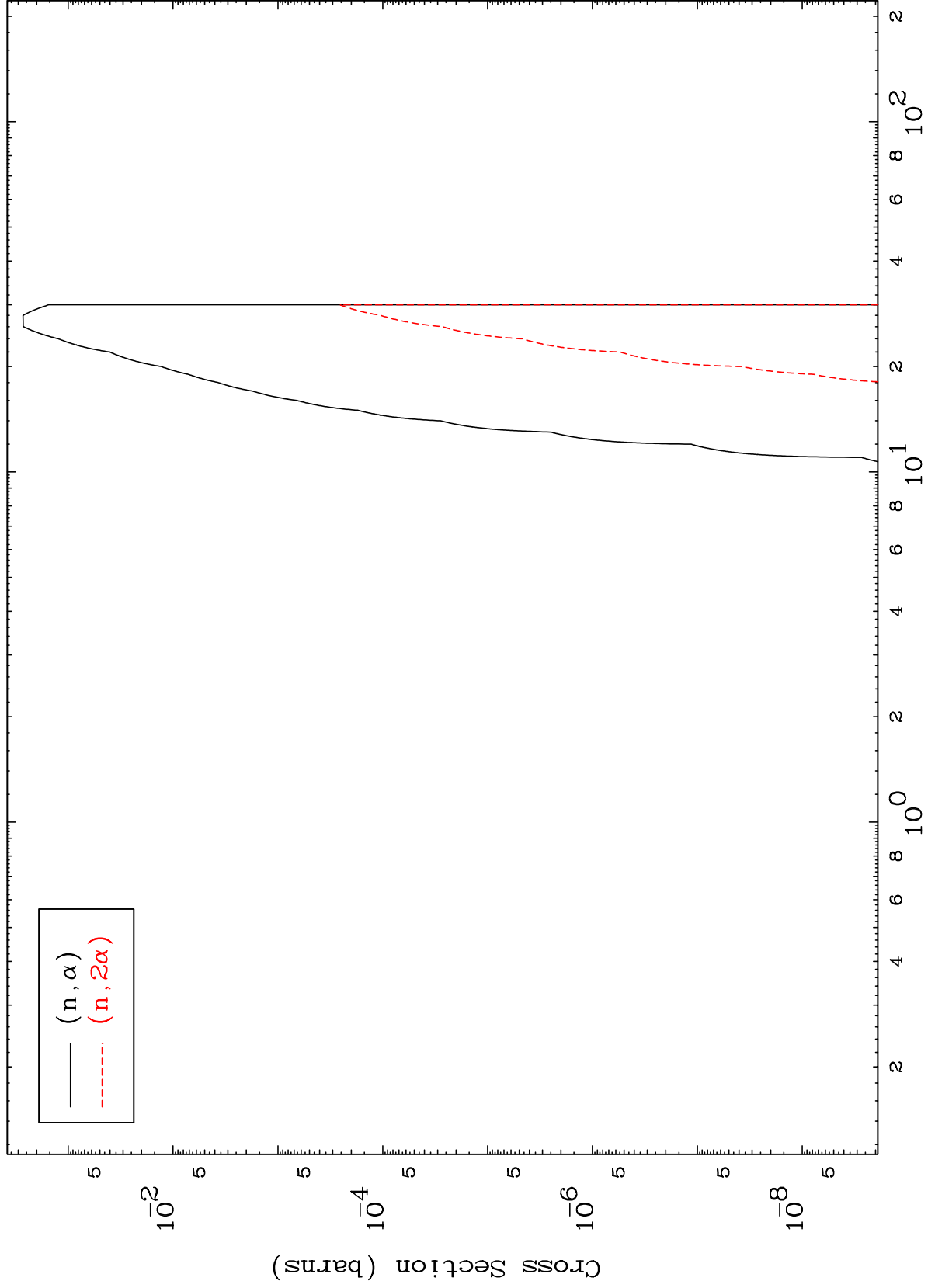
55-Cs-120m

MAT 5487

(α, α) Levels

55-Cs-120m

0 Kelvin Cross Sections

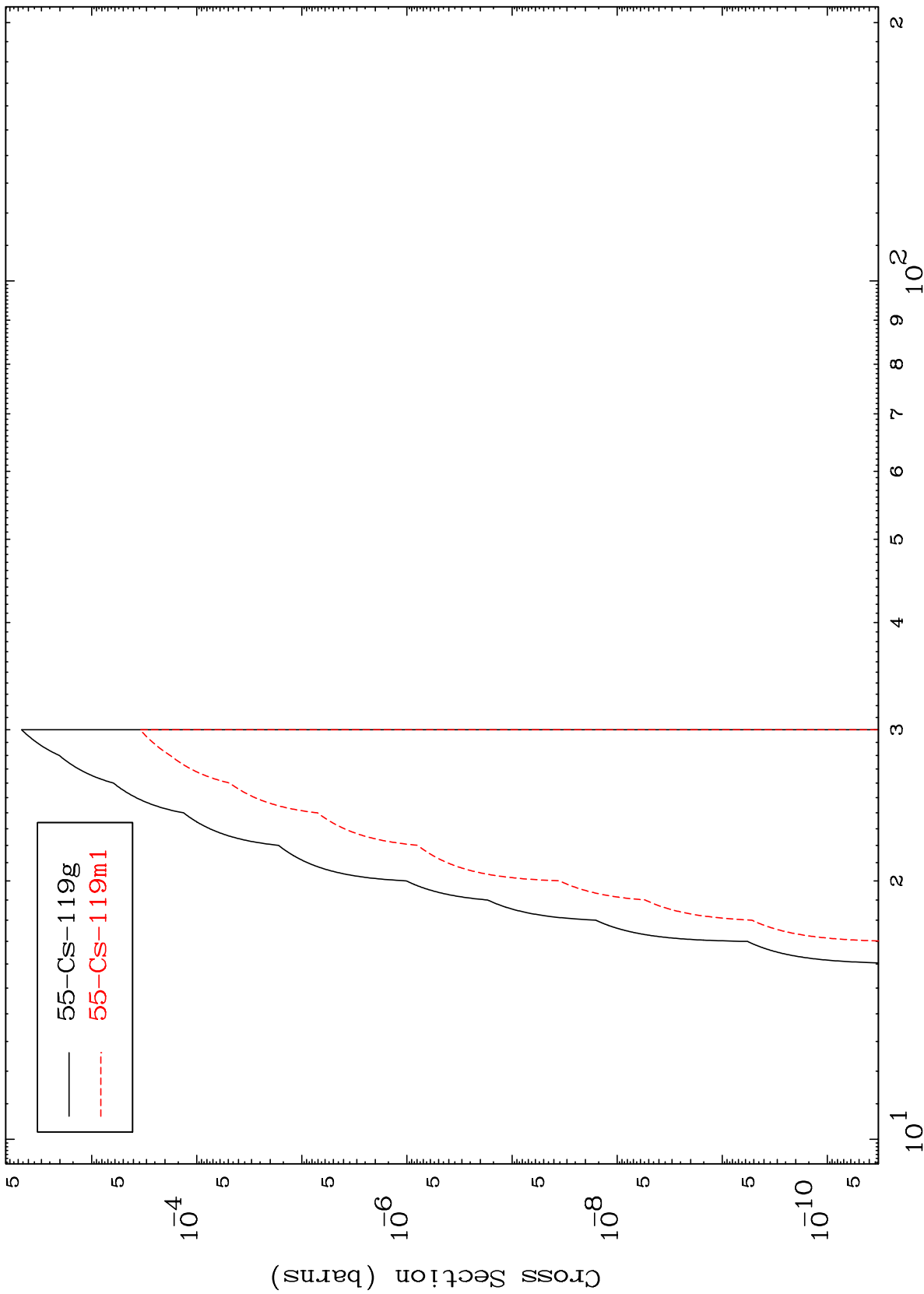


MAT 5487

(n,n') α

55-Cs-120m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

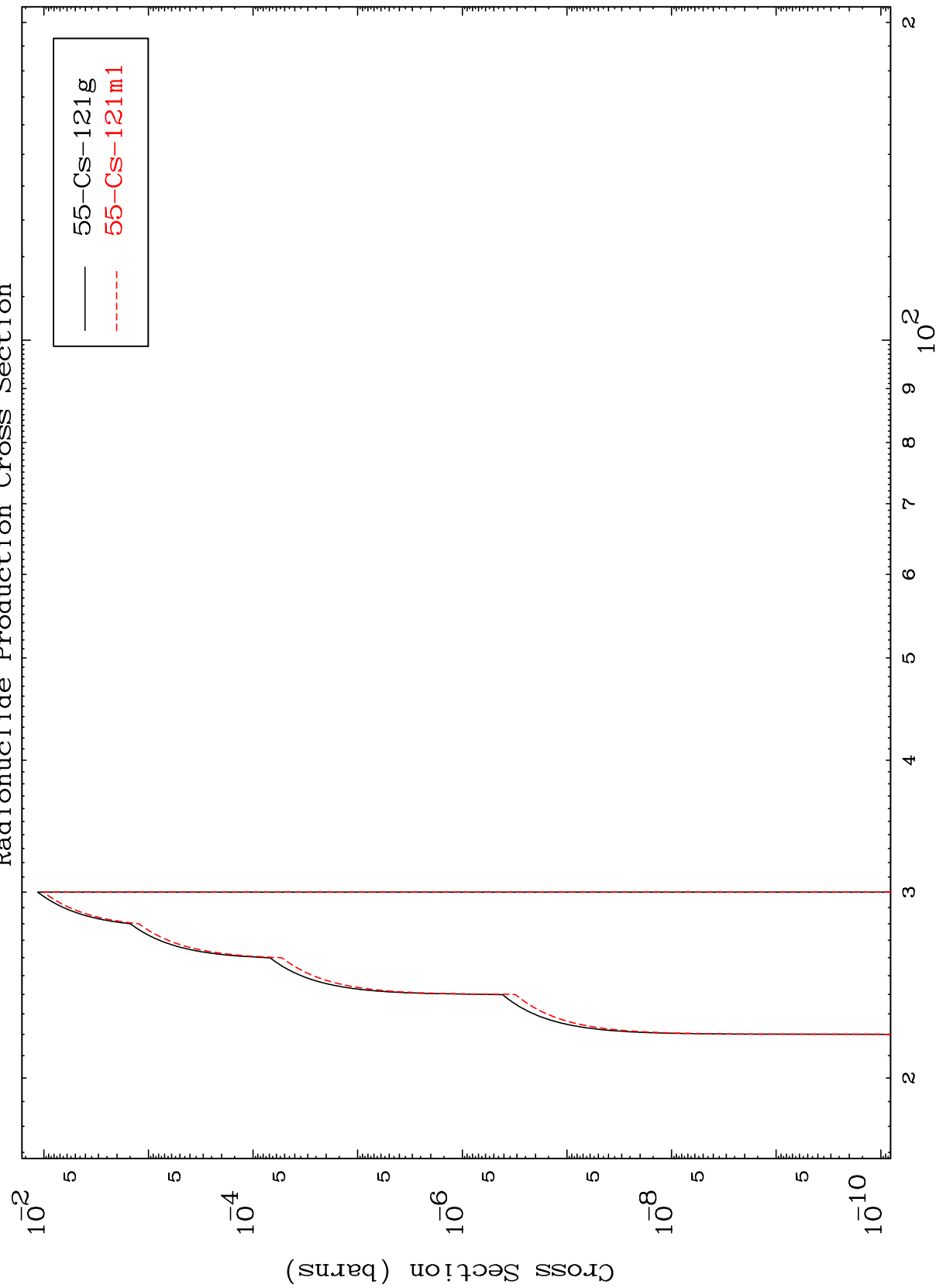
55-Cs-120m

MAT 5487

(n,2n) p

55-Cs-120m

Radionuclide Production Cross Section



12

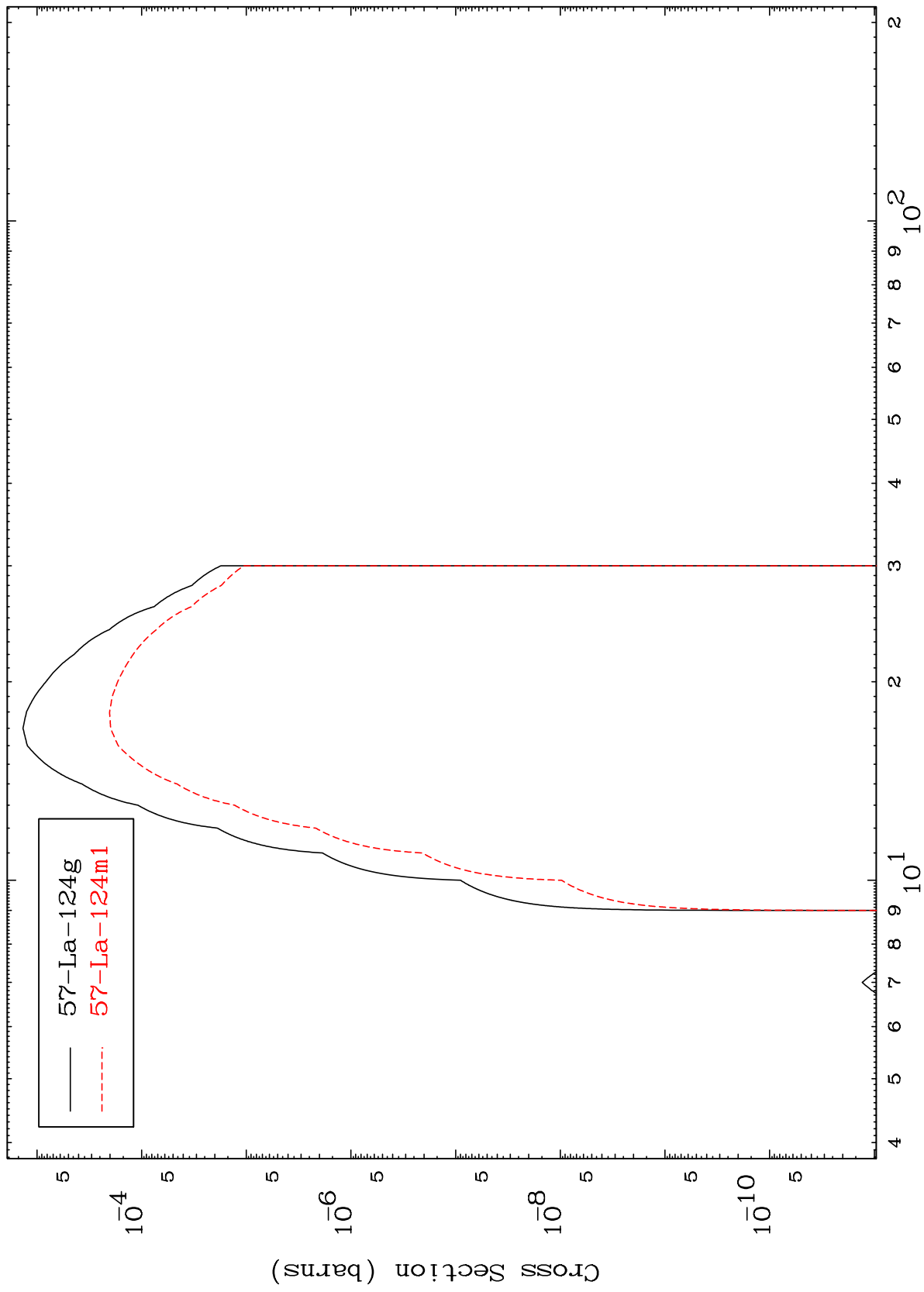
Incident Energy (MeV)

55-Cs-120m

MAT 5487

55-Cs-120m

Radionuclide Production Cross Section



13

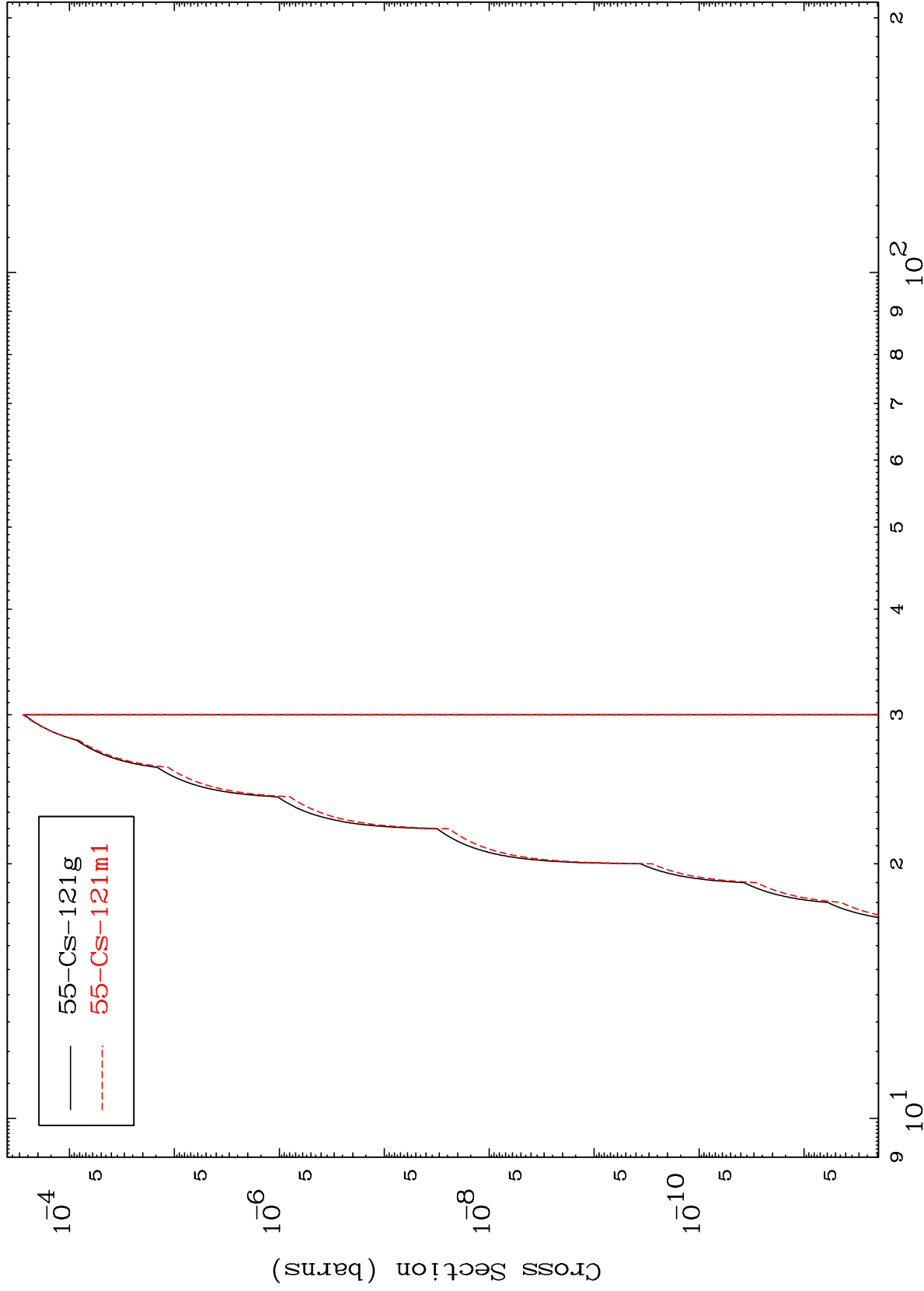
55-Cs-120m

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(n,He-3)

55-Cs-120m

Radionuclide Production Cross Section



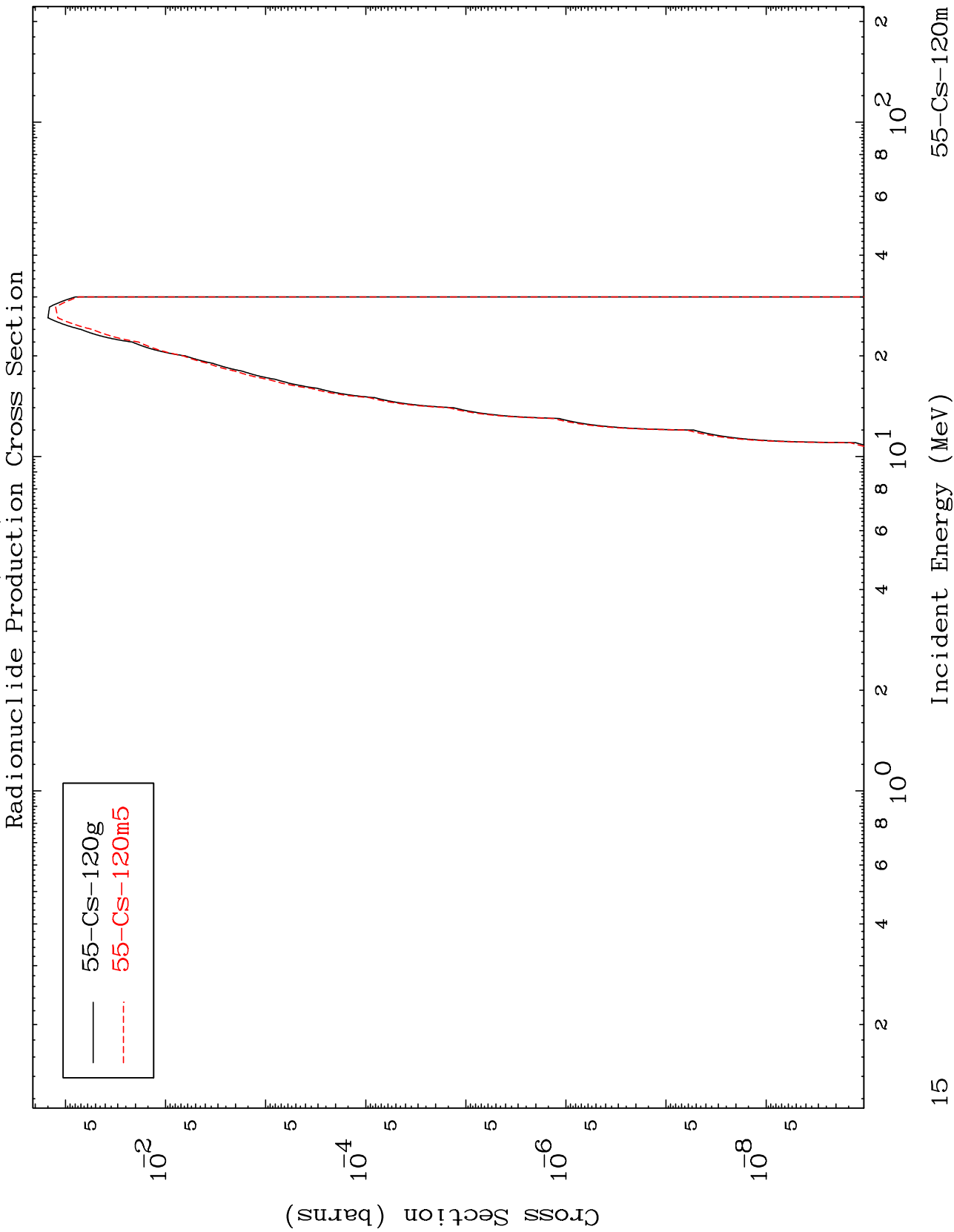
14

Incident Energy (MeV)

55-Cs-120m

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55-Cs-120m

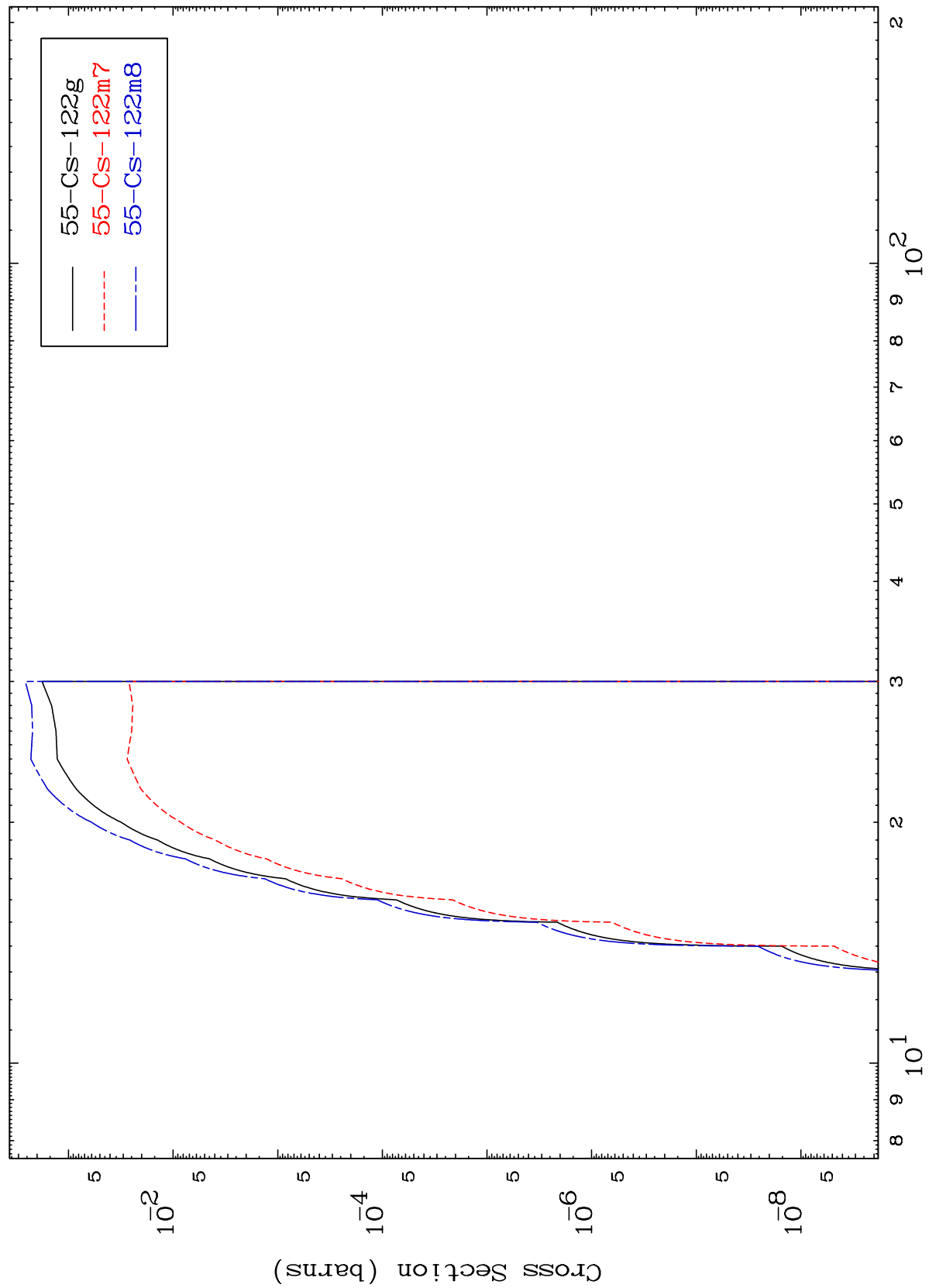


15

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55-Cs-120m

(n,2p)
Radionuclide Production Cross Section



55-Cs-120m

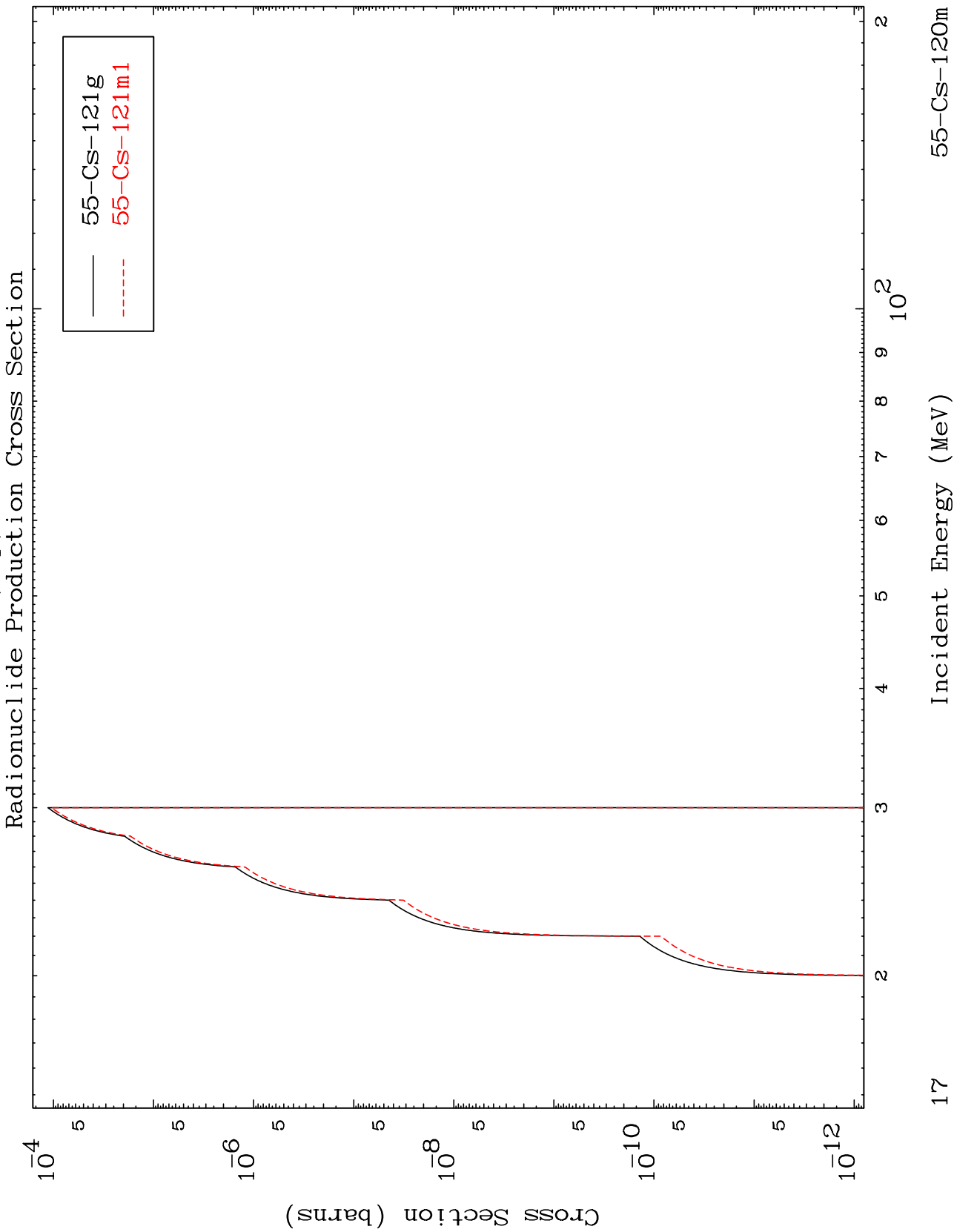
Incident Energy (MeV)

16

MAT 5487

(n,p) d

55-Cs-120m



17

Incident Energy (MeV)

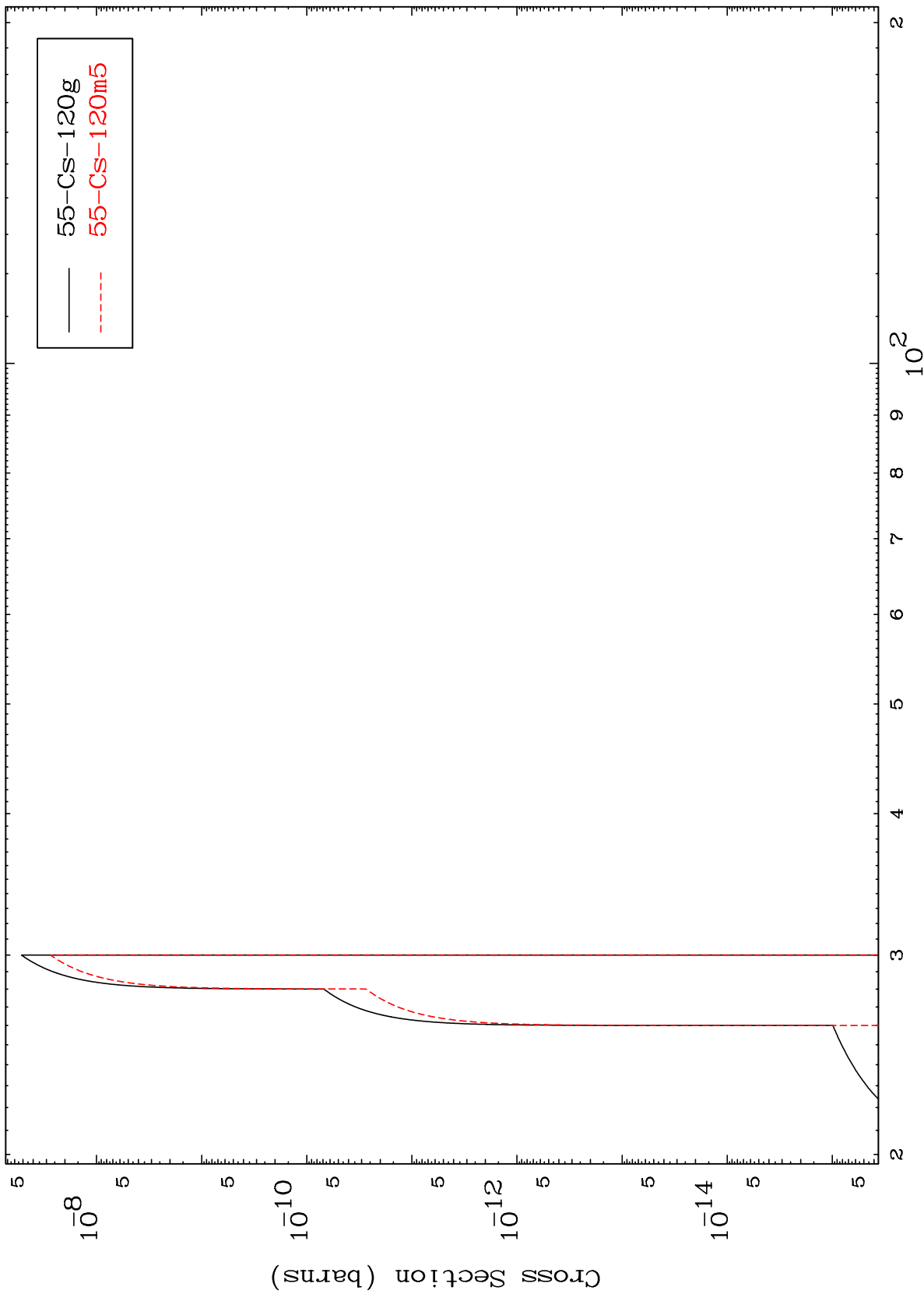
55-Cs-120m

MAT 5487

(n,p) t

55-Cs-120m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

55-Cs-120m