

Program EVALPLOT
(Version 2021-1)

by

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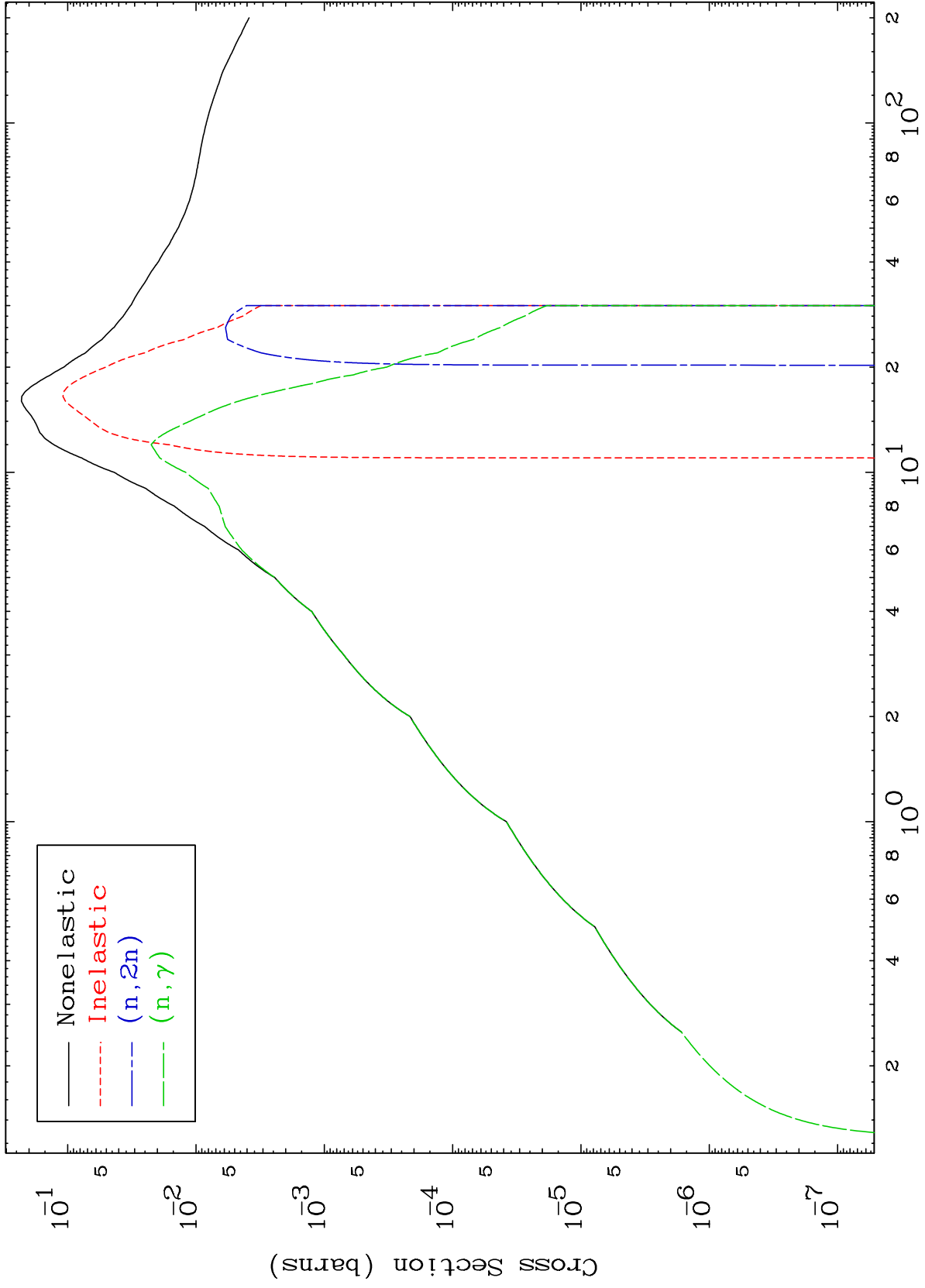
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5693

Photon Major
0 Kelvin Cross Sections

57-La-127m



57-La-127m

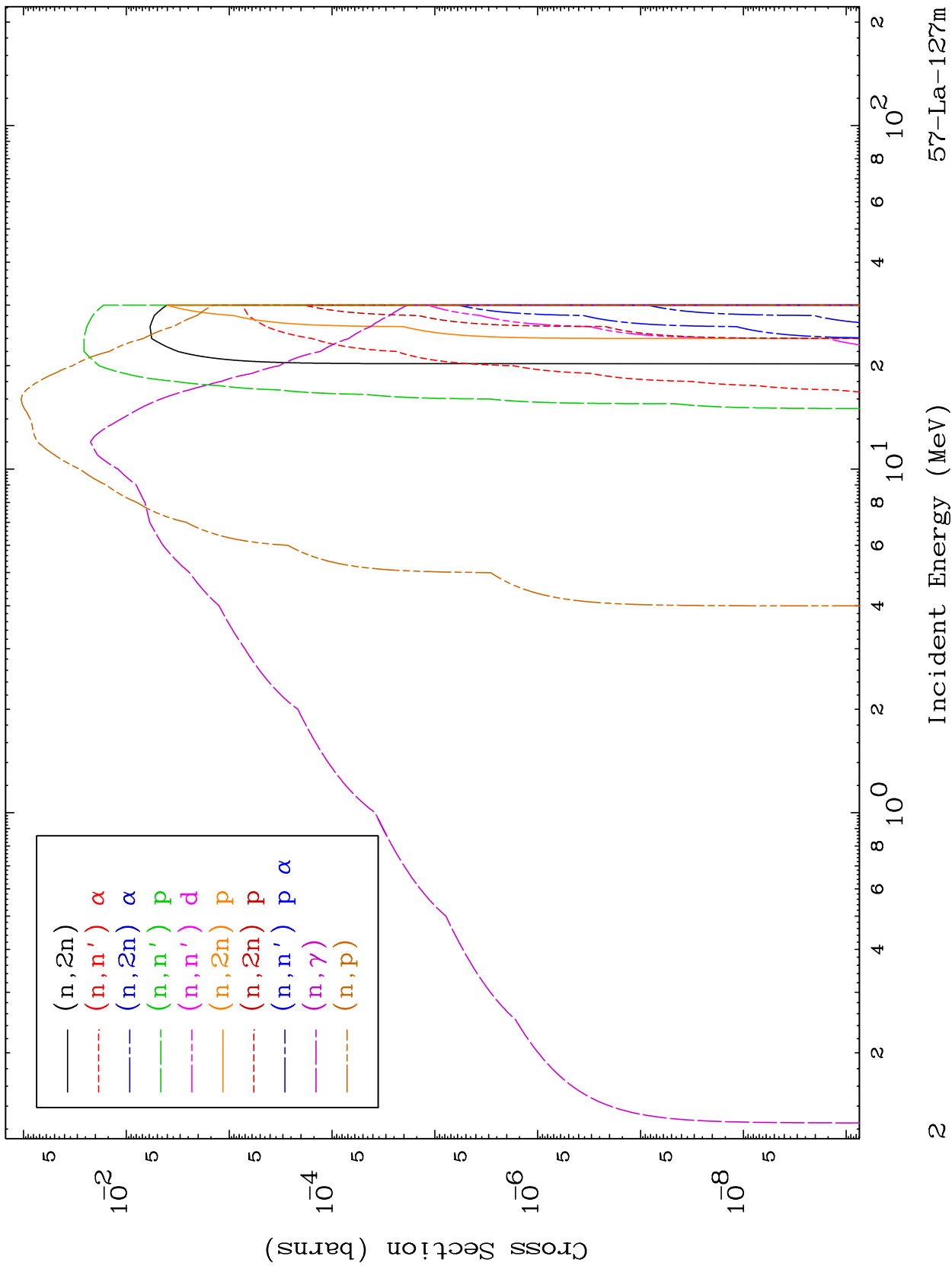
Incident Energy (MeV)

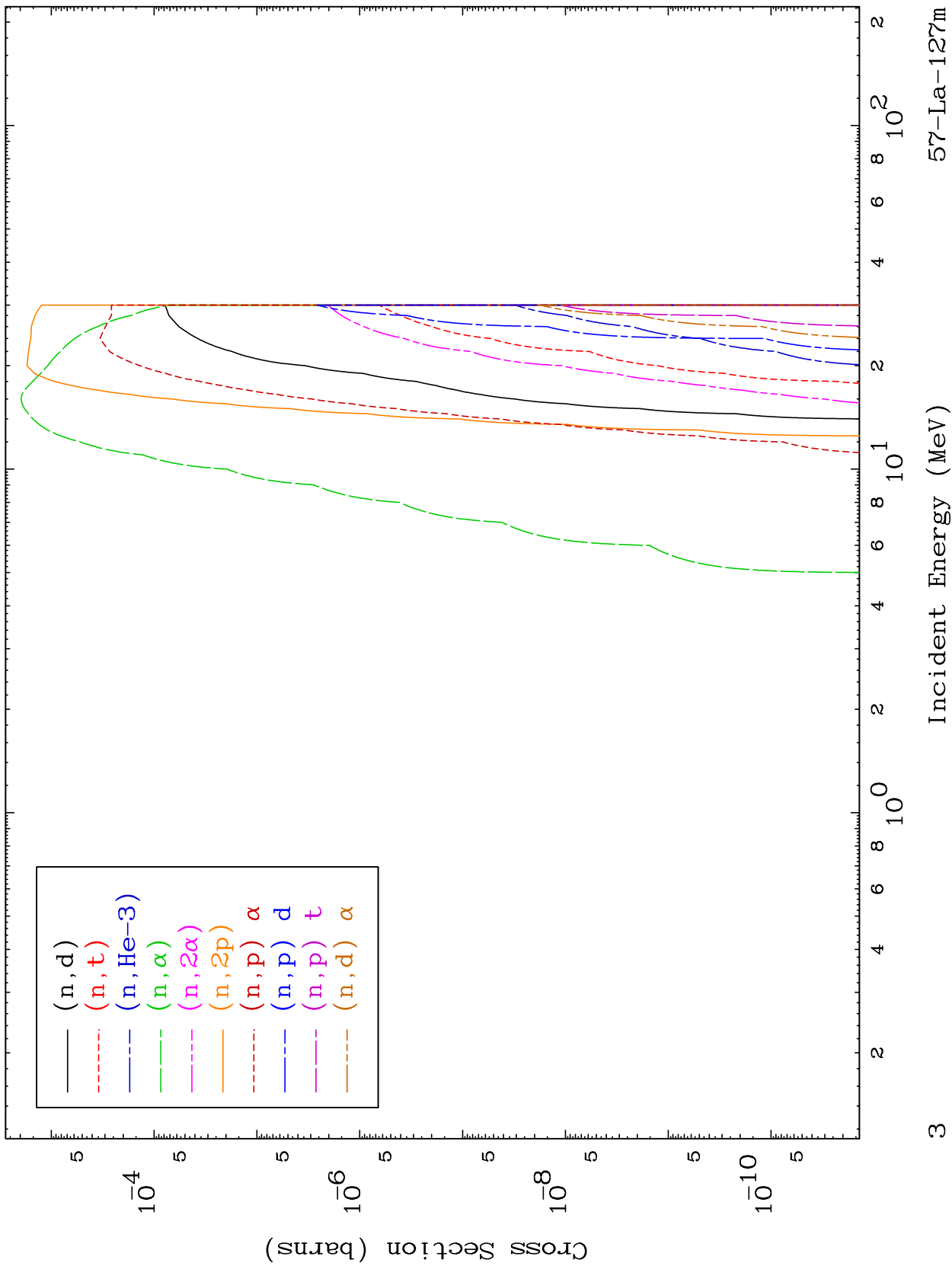
1

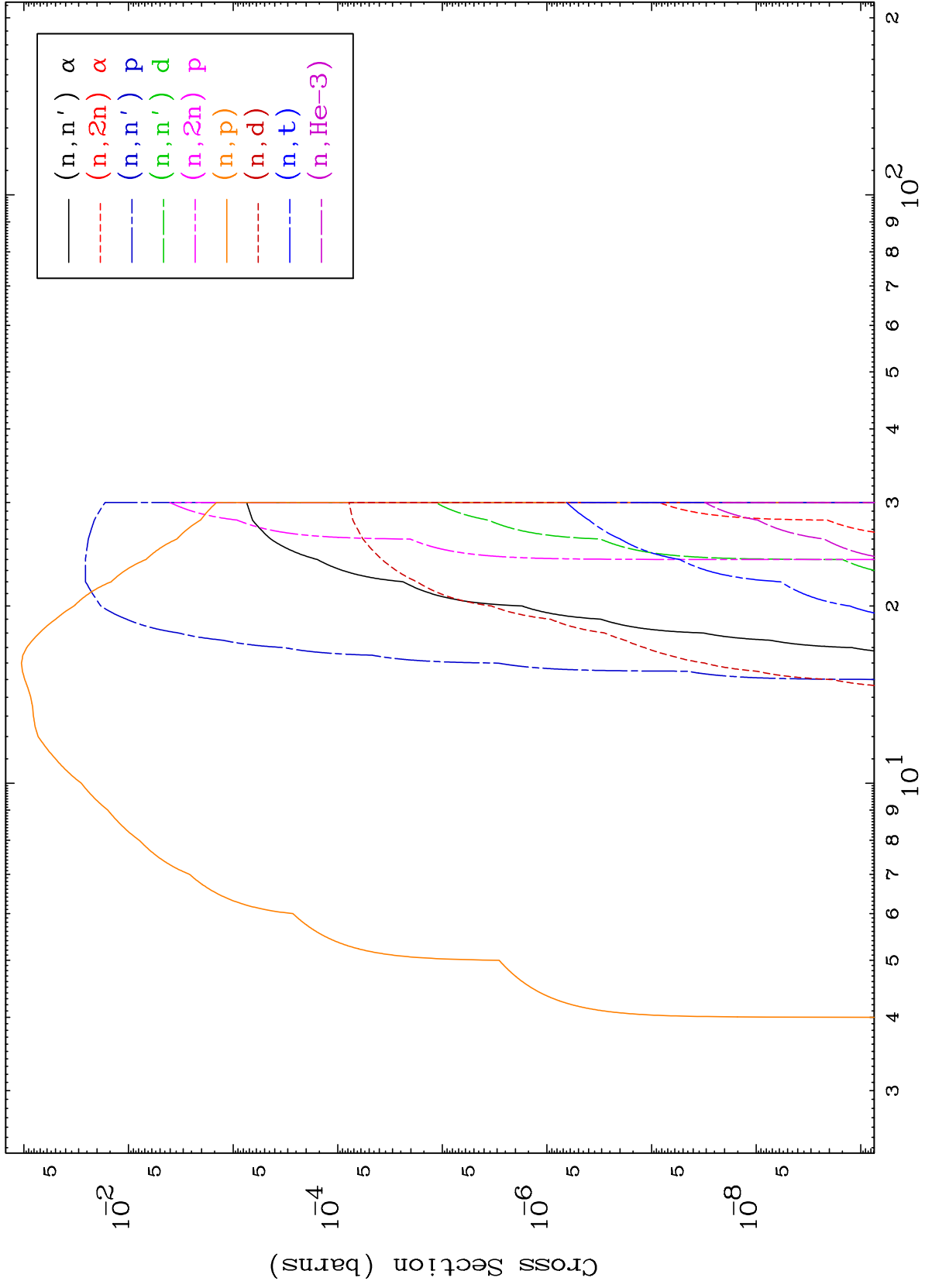
MAT 5693

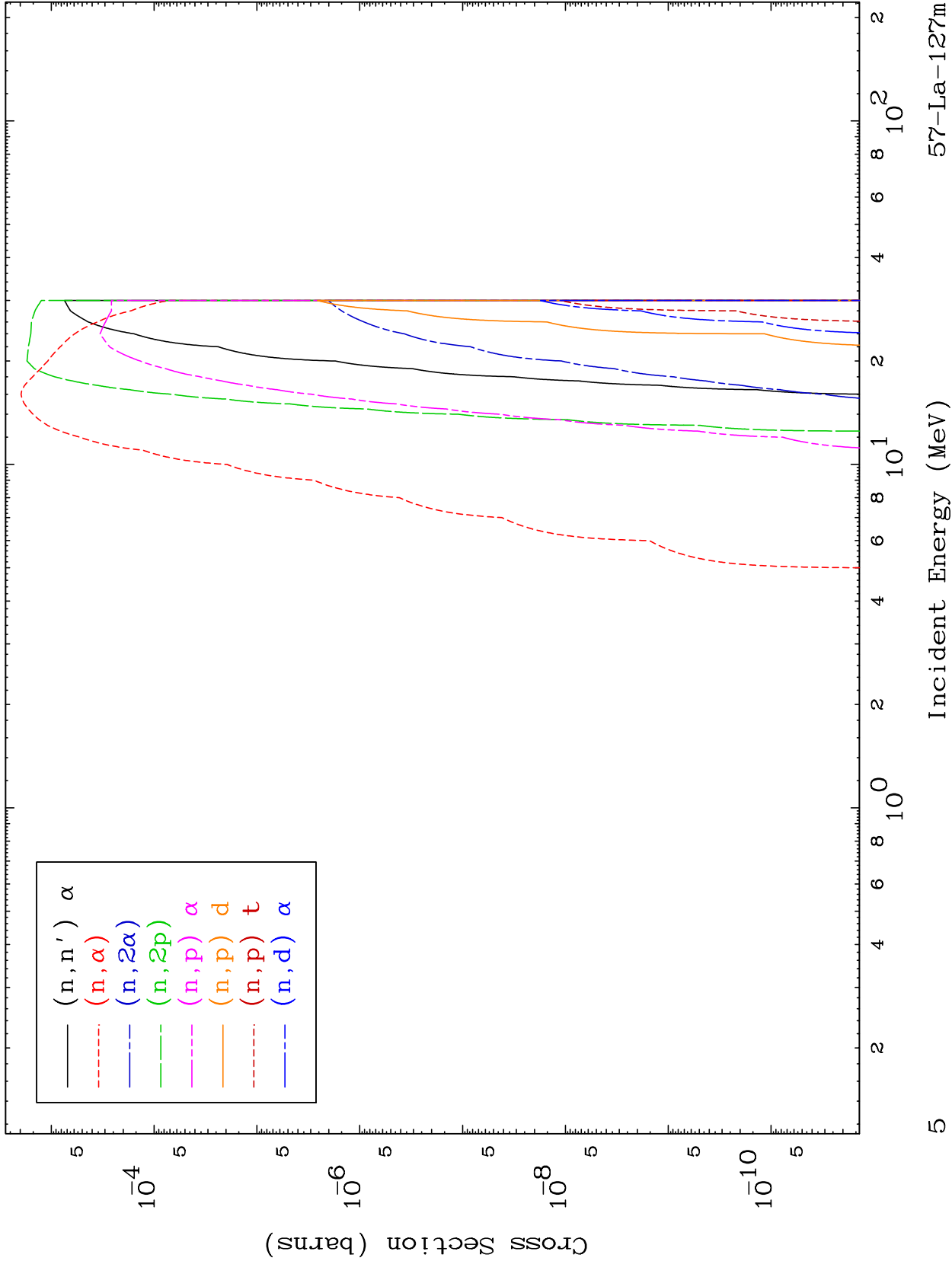
Photon Neutron Absorption
0 Kelvin Cross Sections

57-La-127m







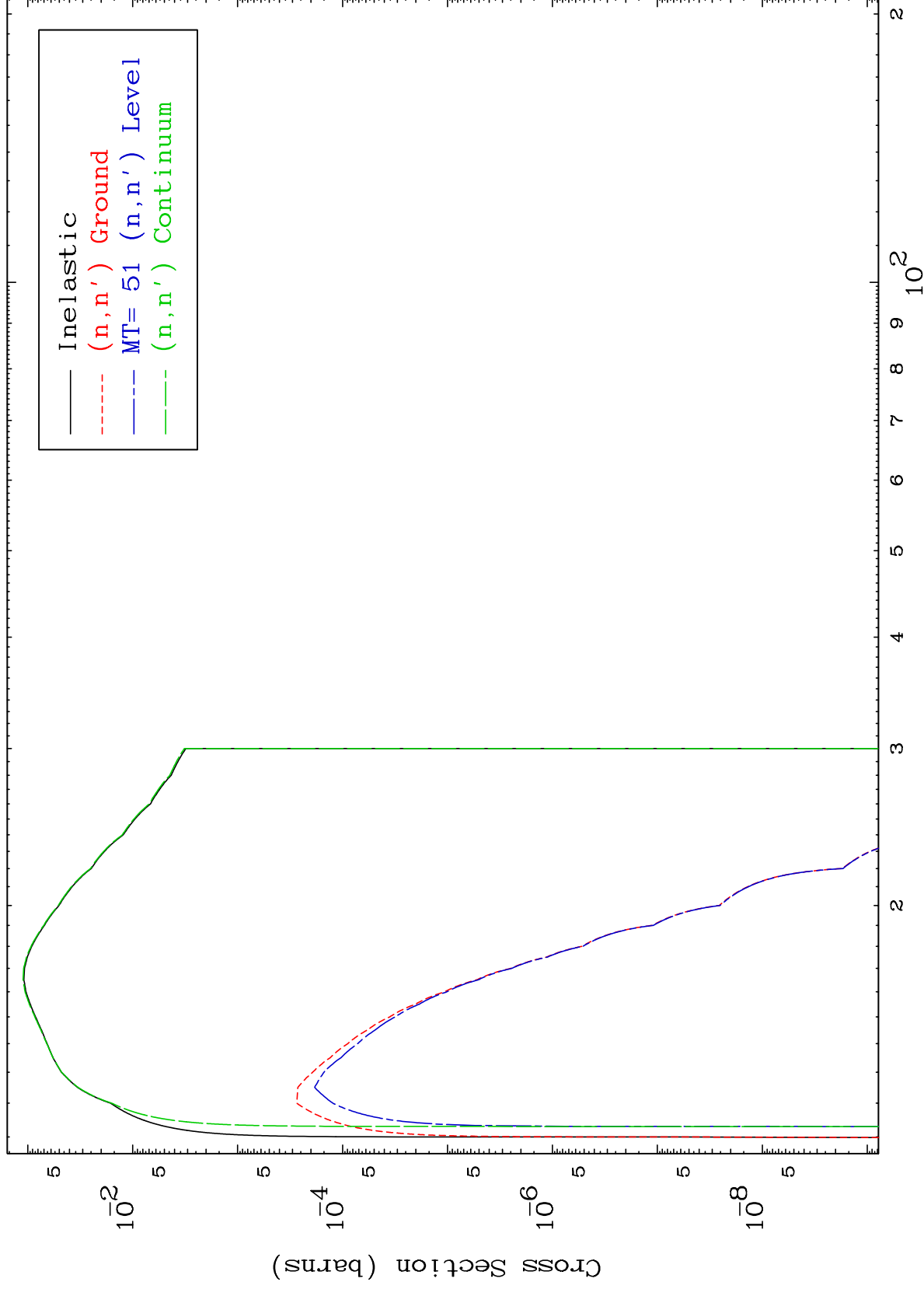


MAT 5693

(γ, n') Levels

57-La-127m

0 Kelvin Cross Sections



Incident Energy (MeV)

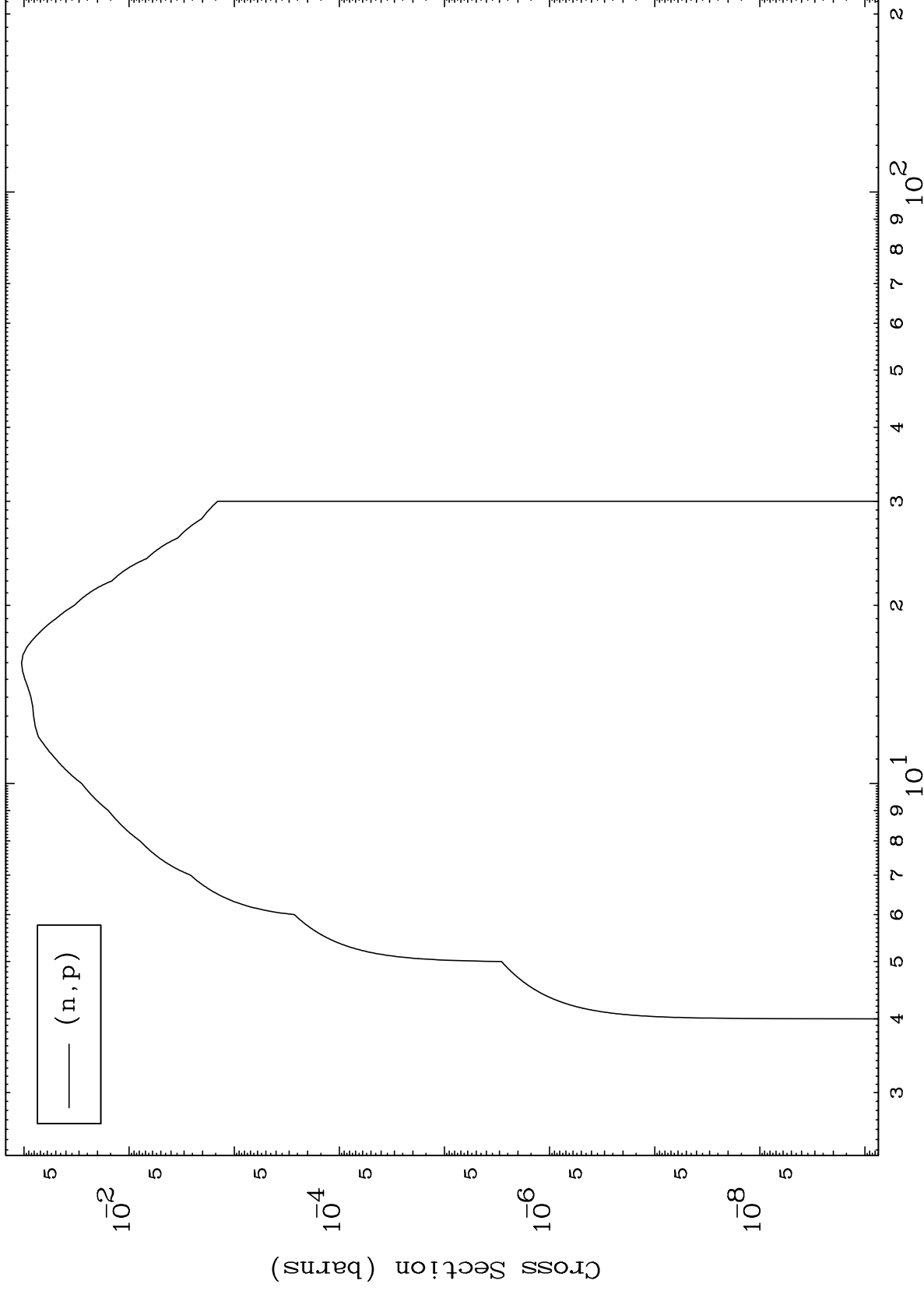
57-La-127m

6

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(γ, p) Levels
0 Kelvin Cross Sections

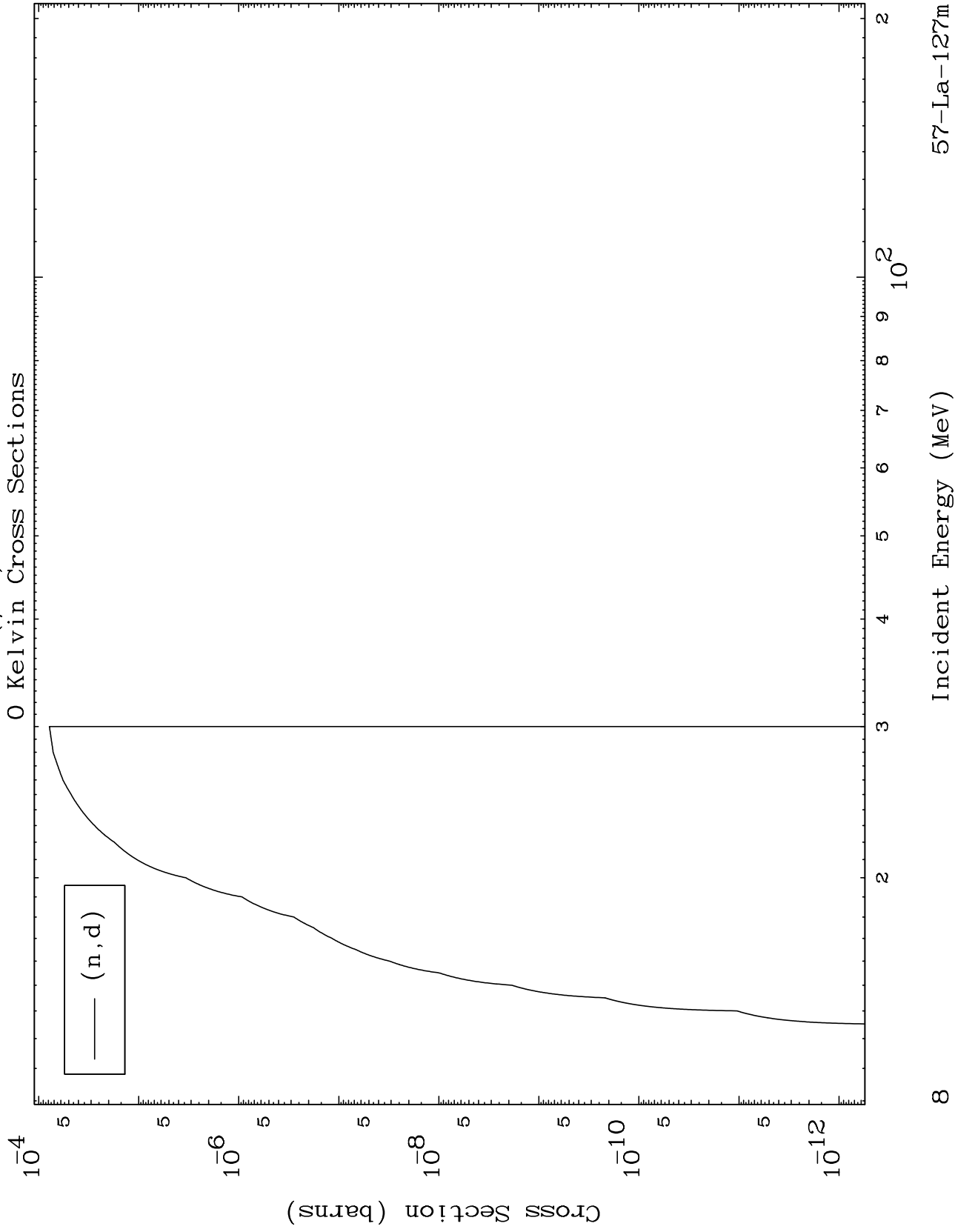
57-La-127m

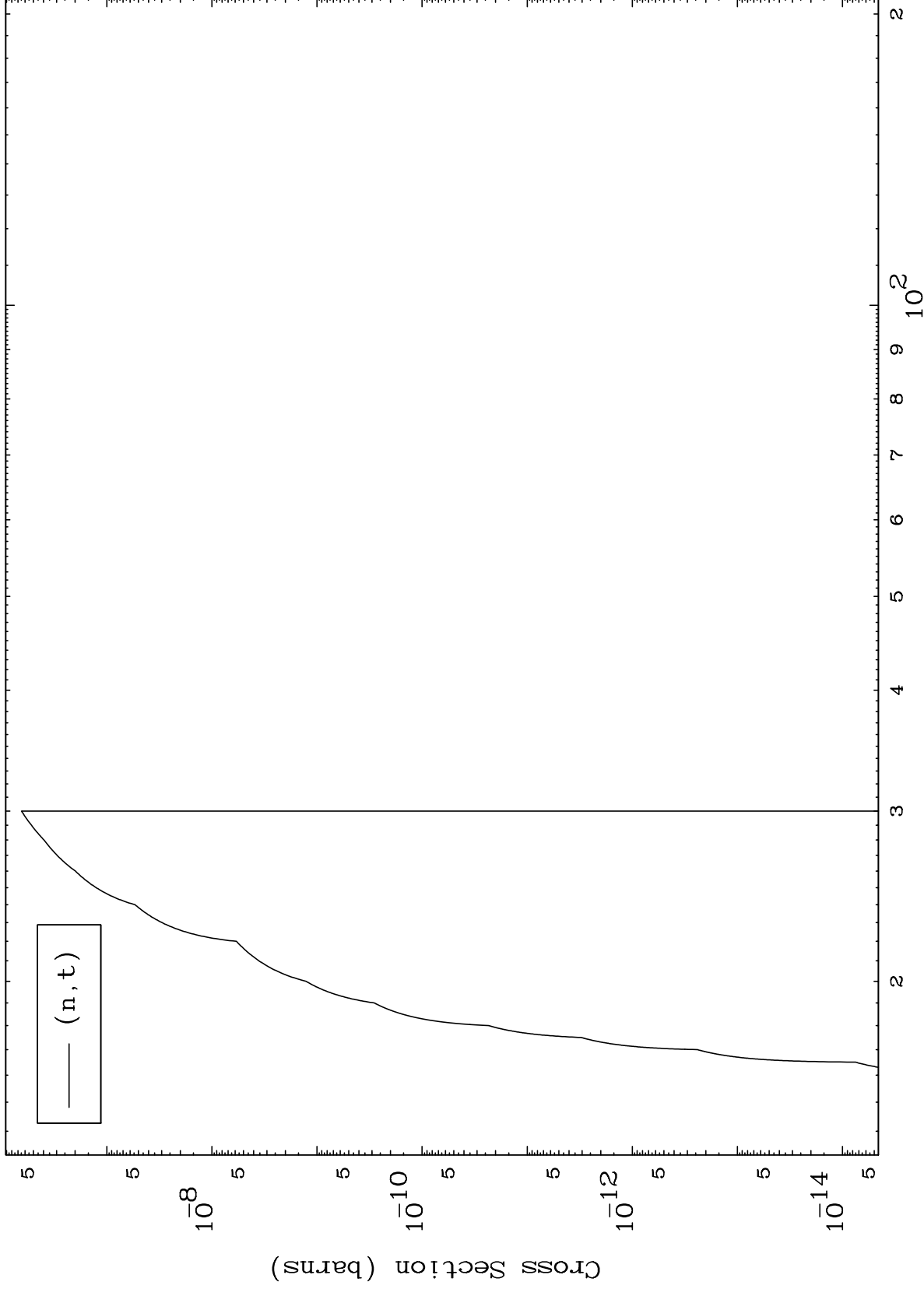


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(γ, d) Levels

57-La-127m

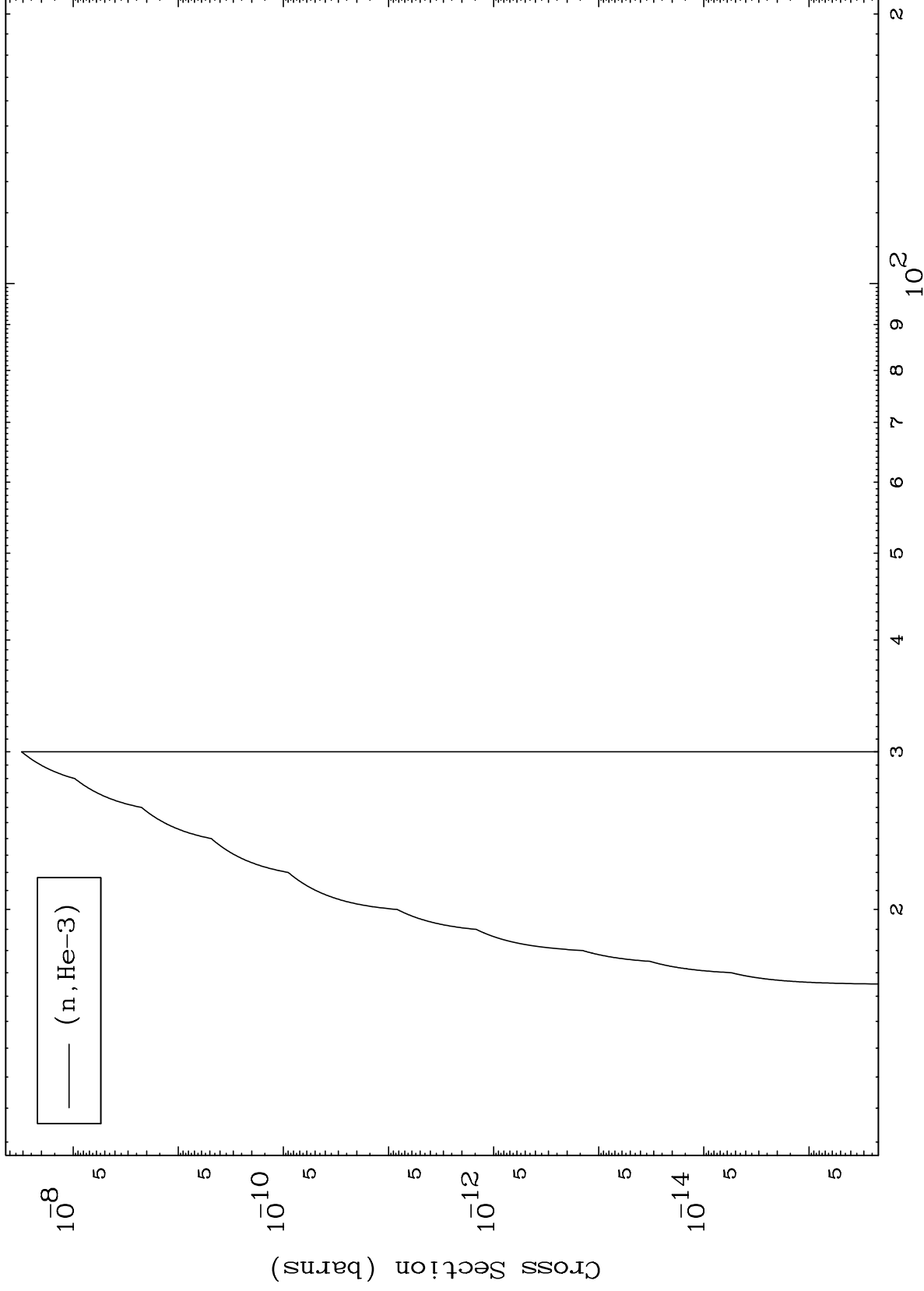




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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

57-La-127m



10

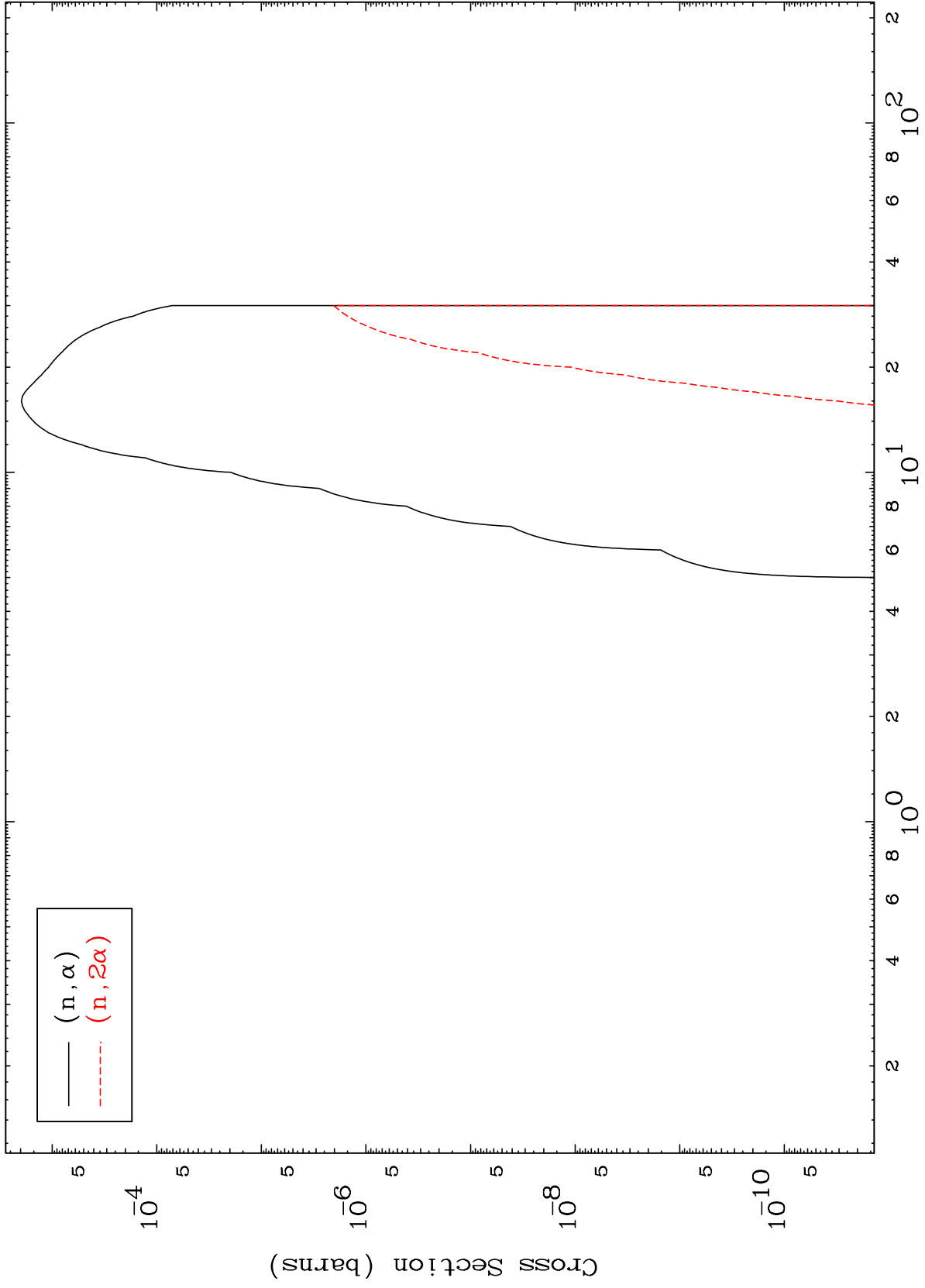
Incident Energy (MeV)

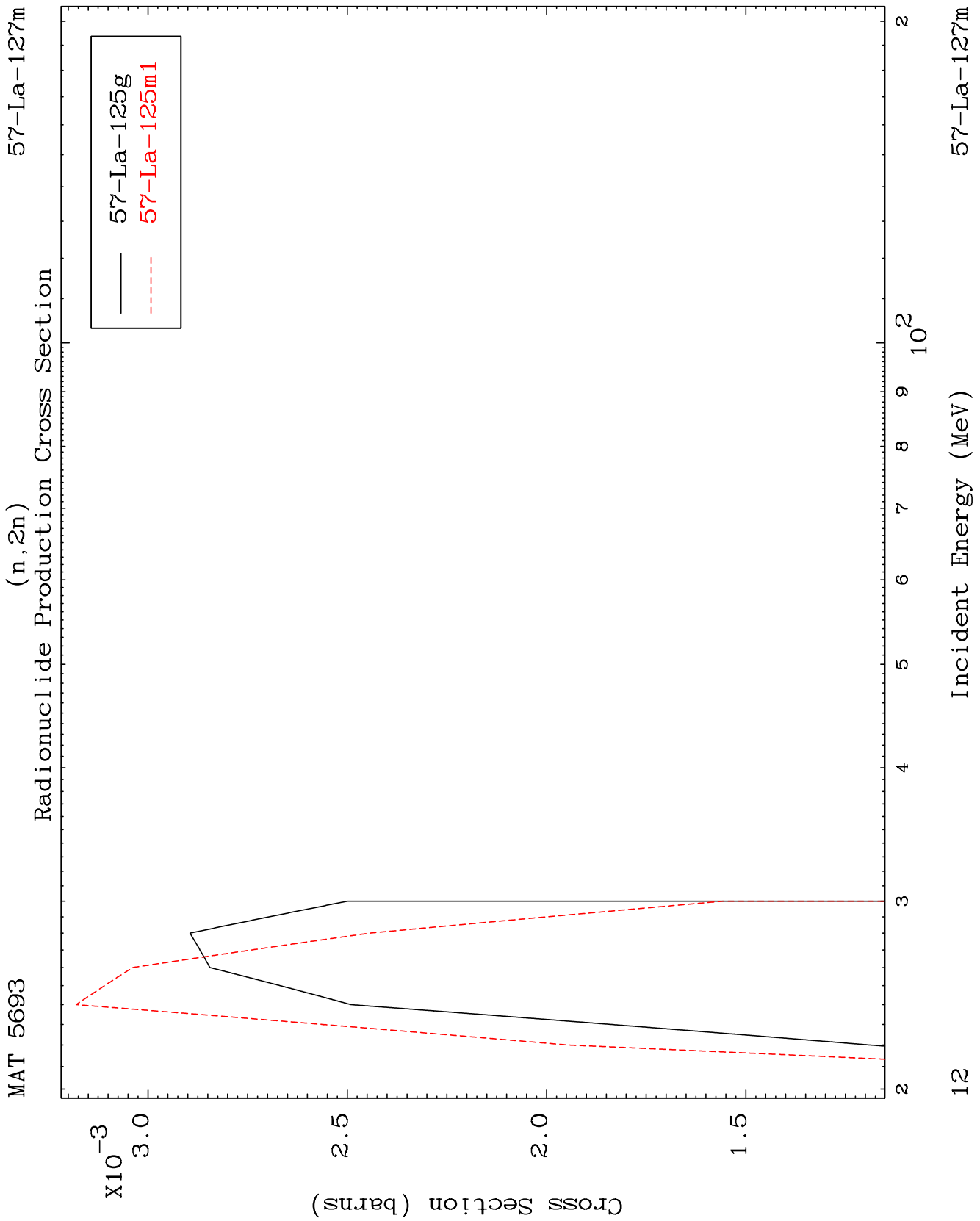
57-La-127m

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(γ, α) Levels
0 Kelvin Cross Sections

57-La-127m



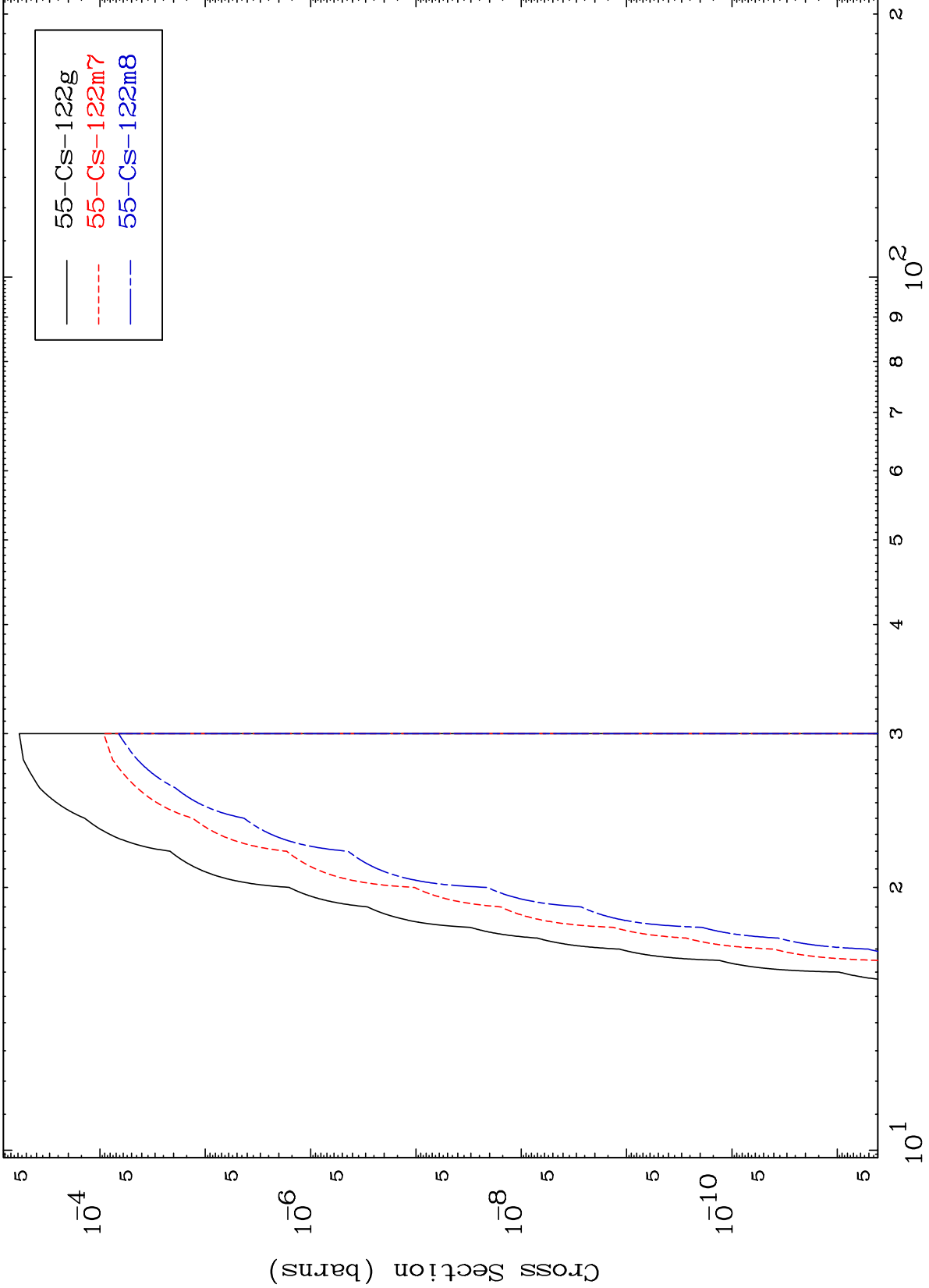


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$(n, n') \alpha$

57-La-127m

Radionuclide Production Cross Section



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

13

Incident Energy (MeV)

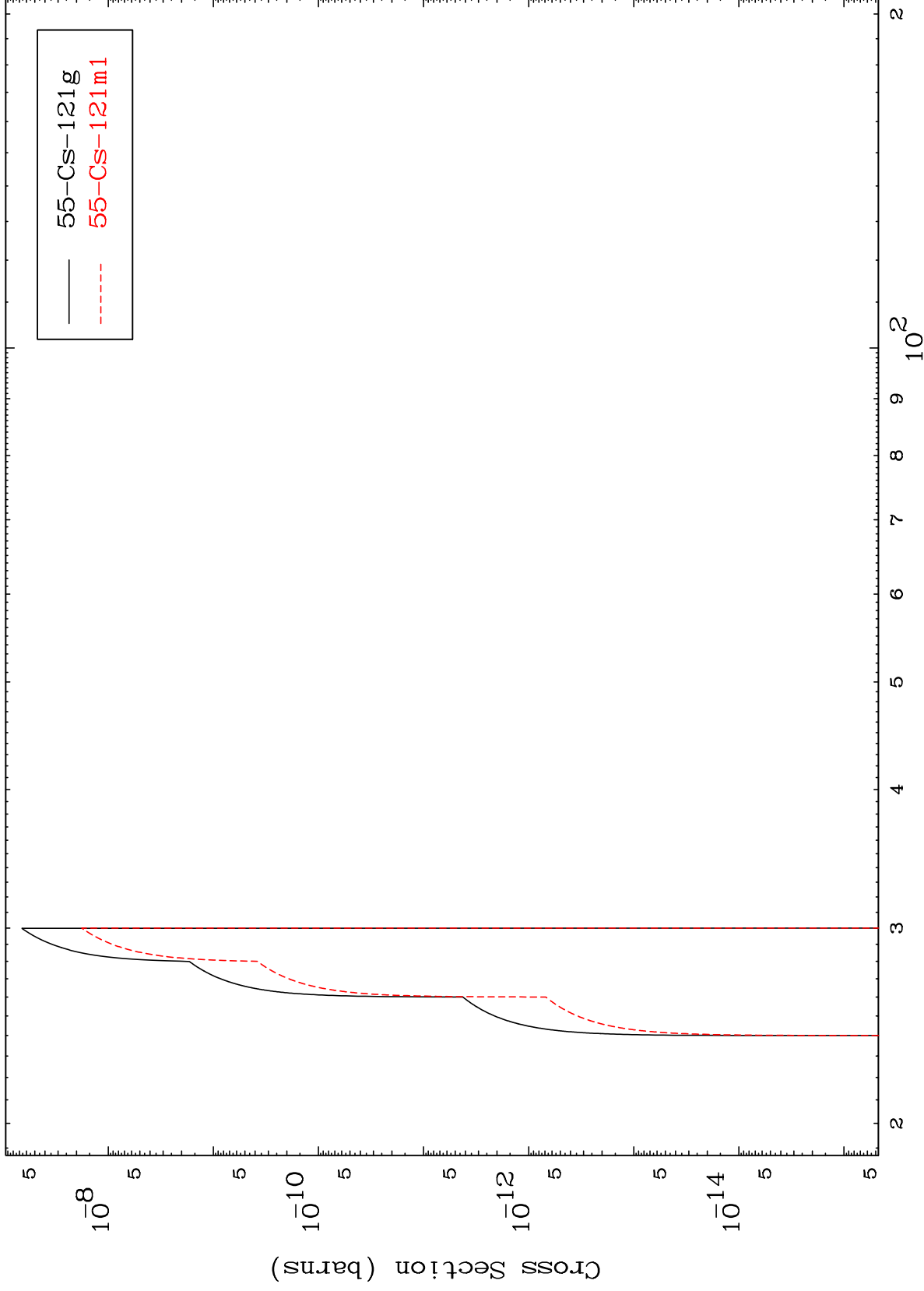
57-La-127m

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(n,2n) α

57-La-127m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

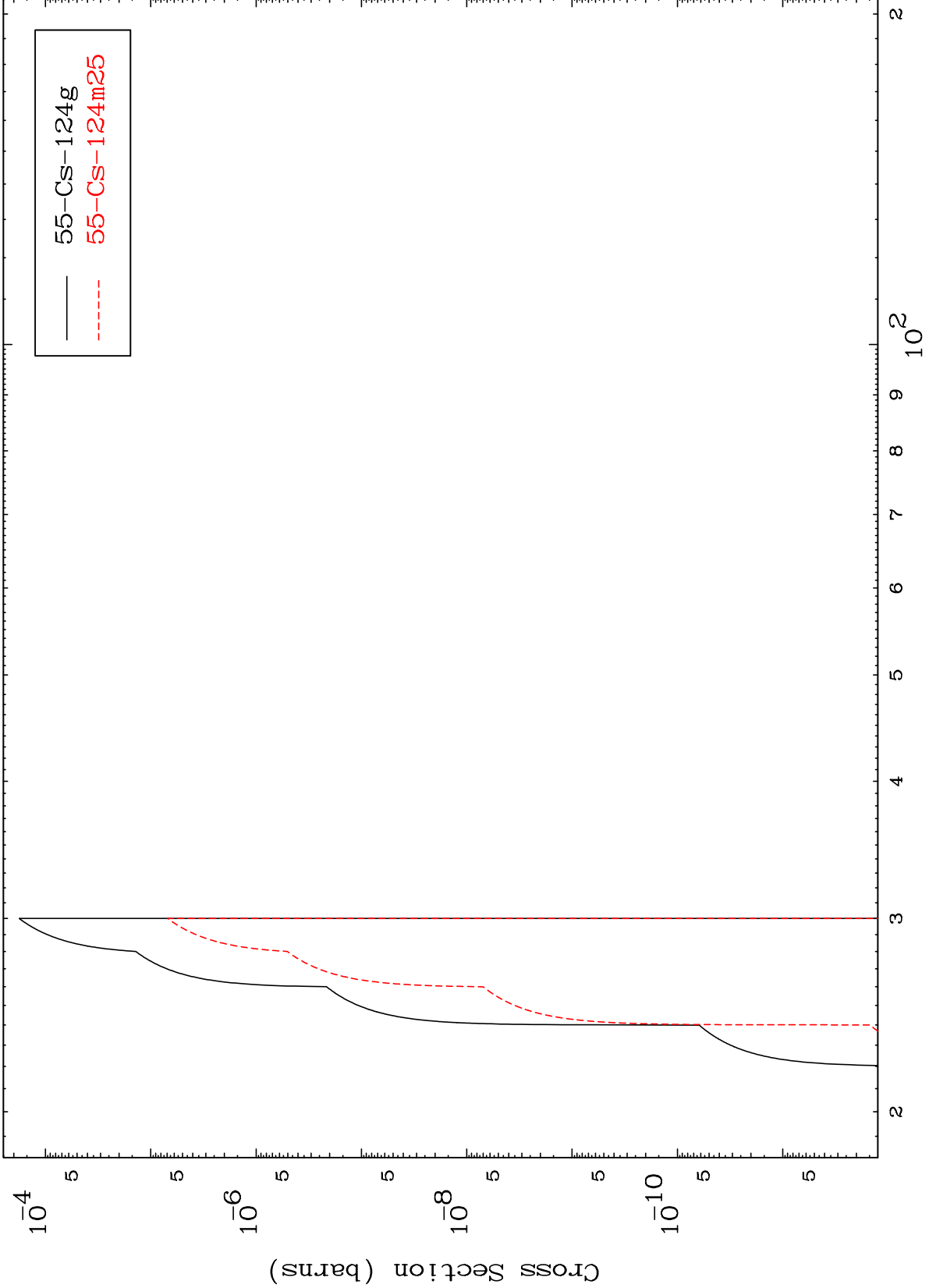
57-La-127m

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(n,2n) p

57-La-127m

Radionuclide Production Cross Section



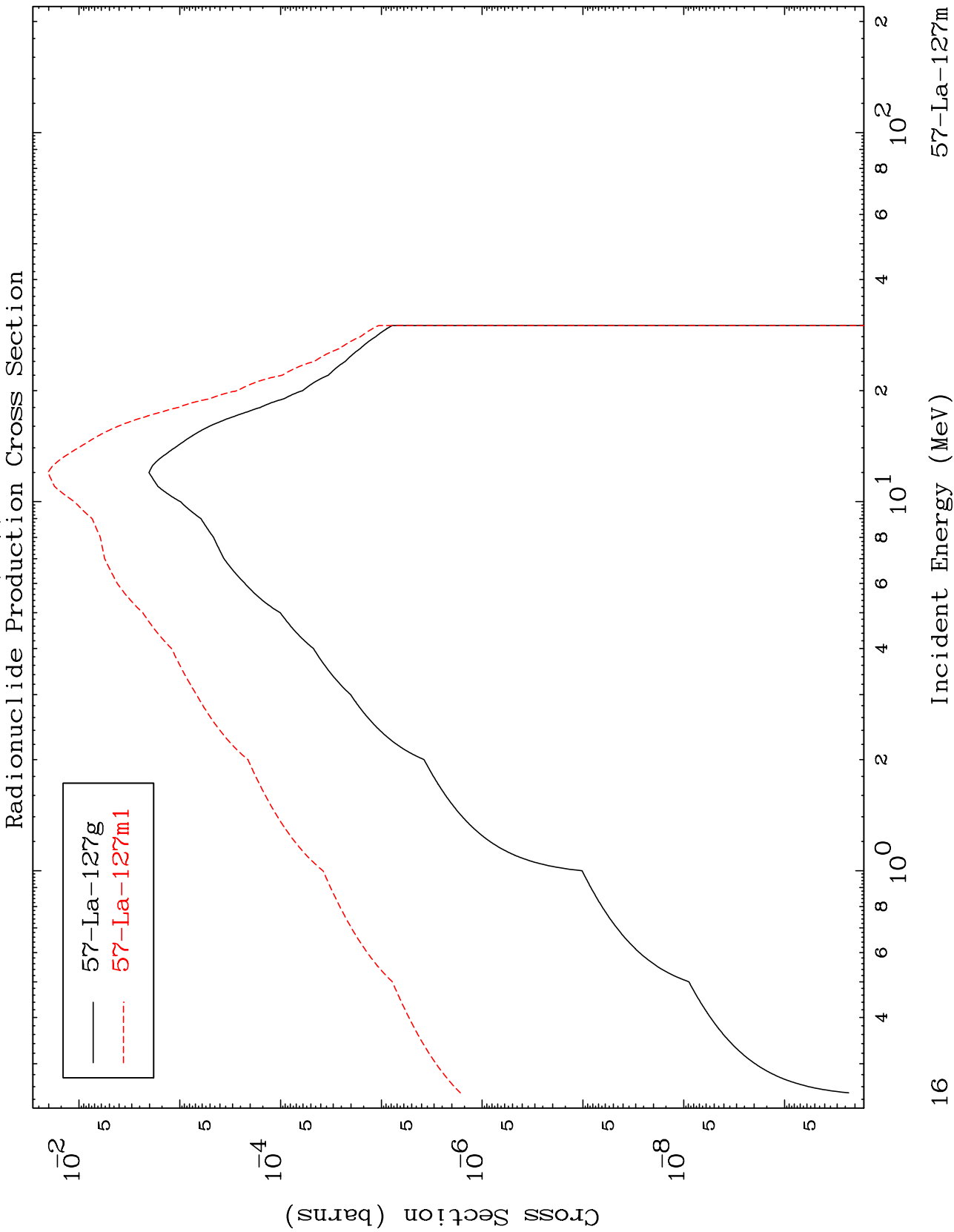
15

Incident Energy (MeV)

57-La-127m

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57-La-127m



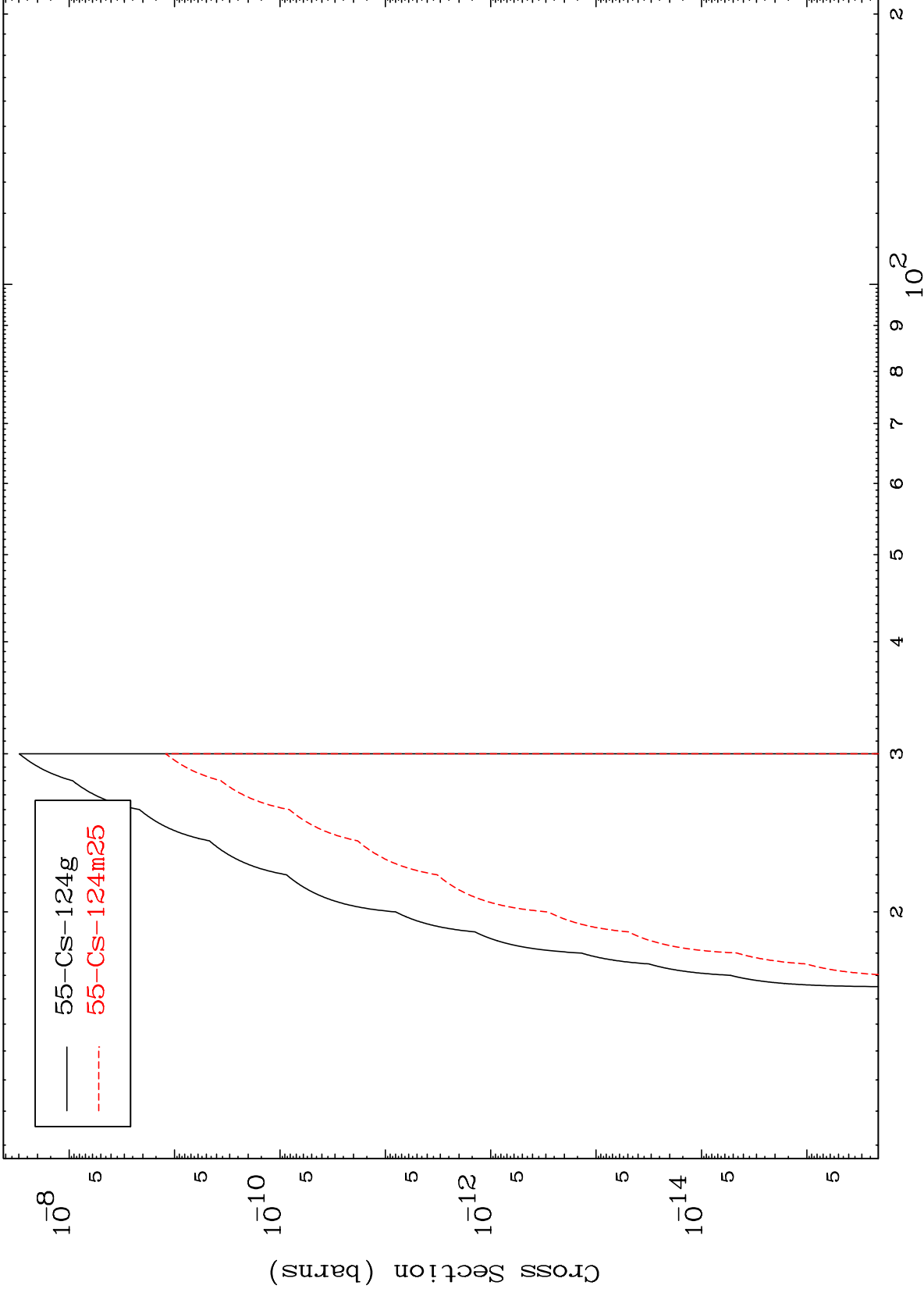
— 57-La-127g
- - - 57-La-127m1

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(n,He-3)

57-La-127m

Radionuclide Production Cross Section



17

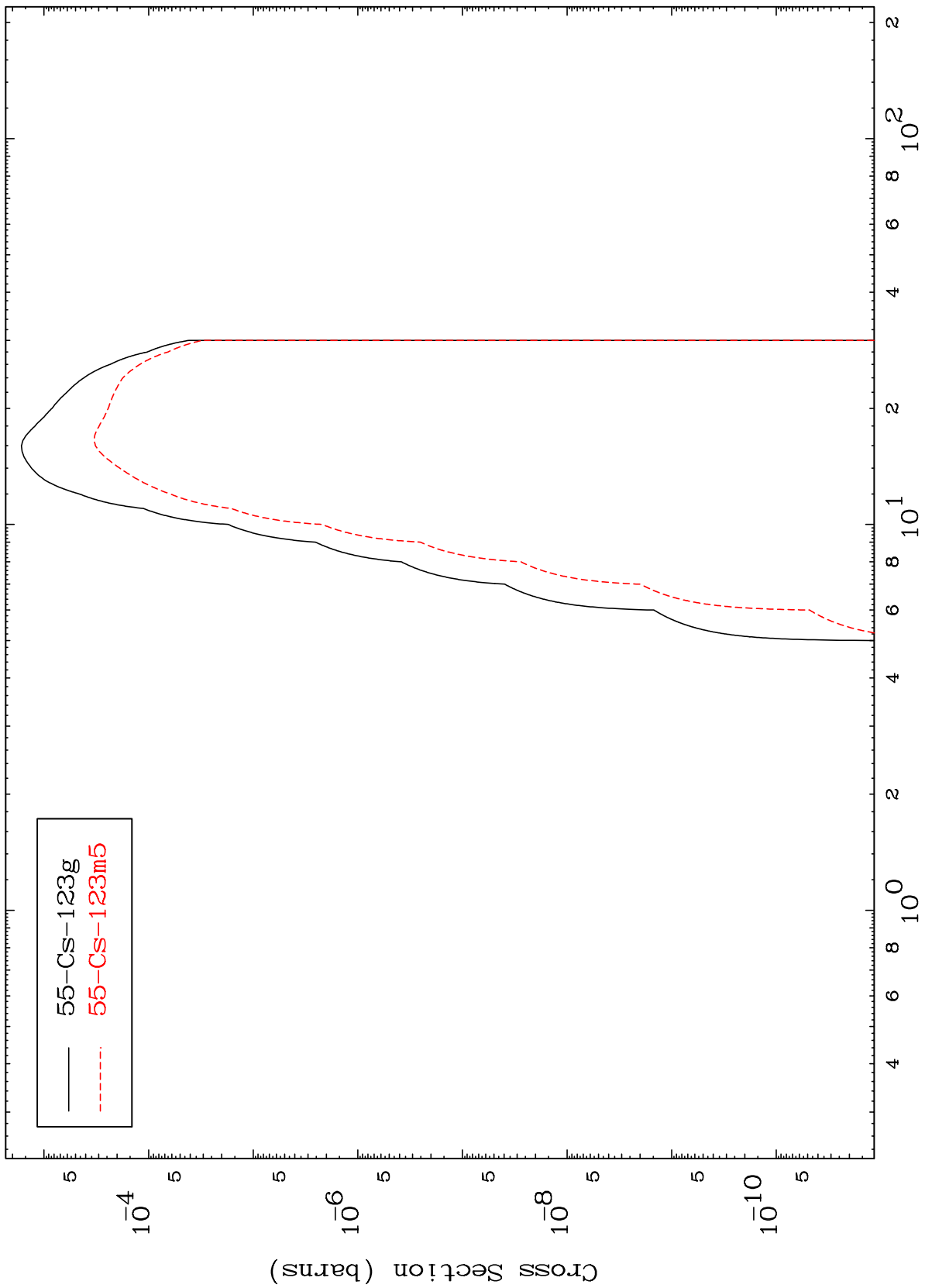
Incident Energy (MeV)

57-La-127m

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57-La-127m

(n, α)
Radionuclide Production Cross Section



57-La-127m

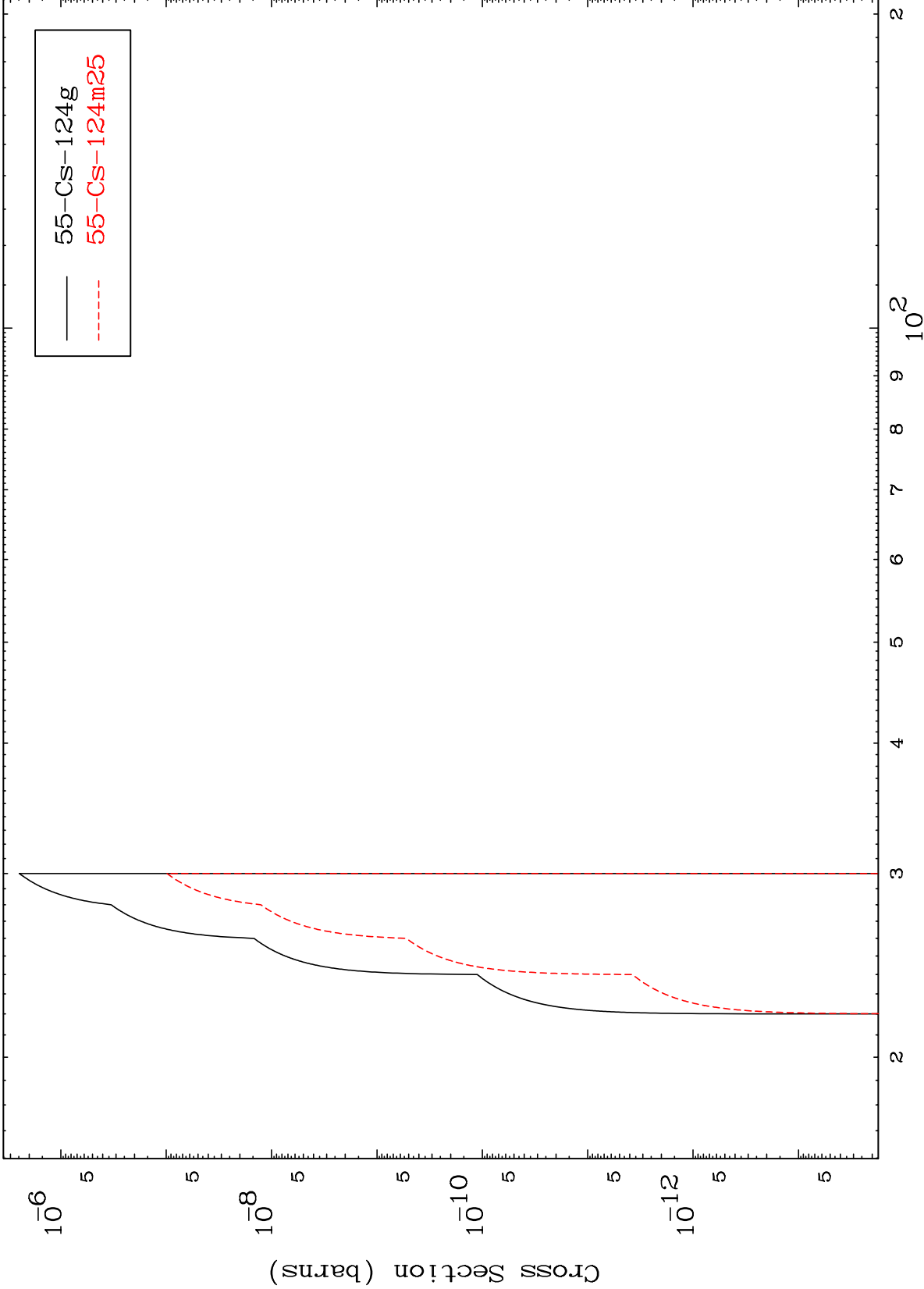
Incident Energy (MeV)

MAT 5693

(n,p) d

57-La-127m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

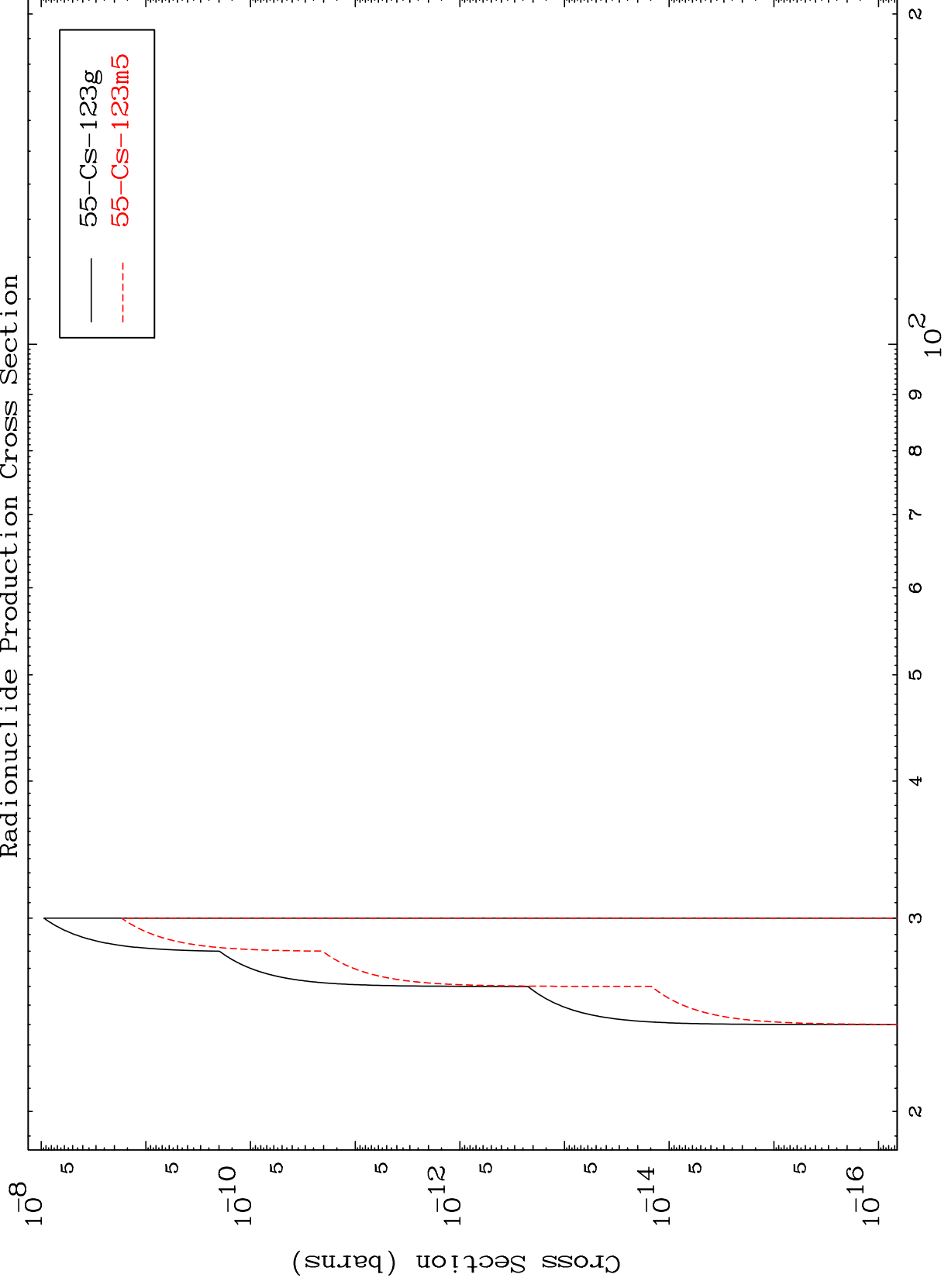
57-La-127m

MAT 5693

(n,p) t

57-La-127m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

57-La-127m