

Program EVALPLOT
(Version 2021-1)

by

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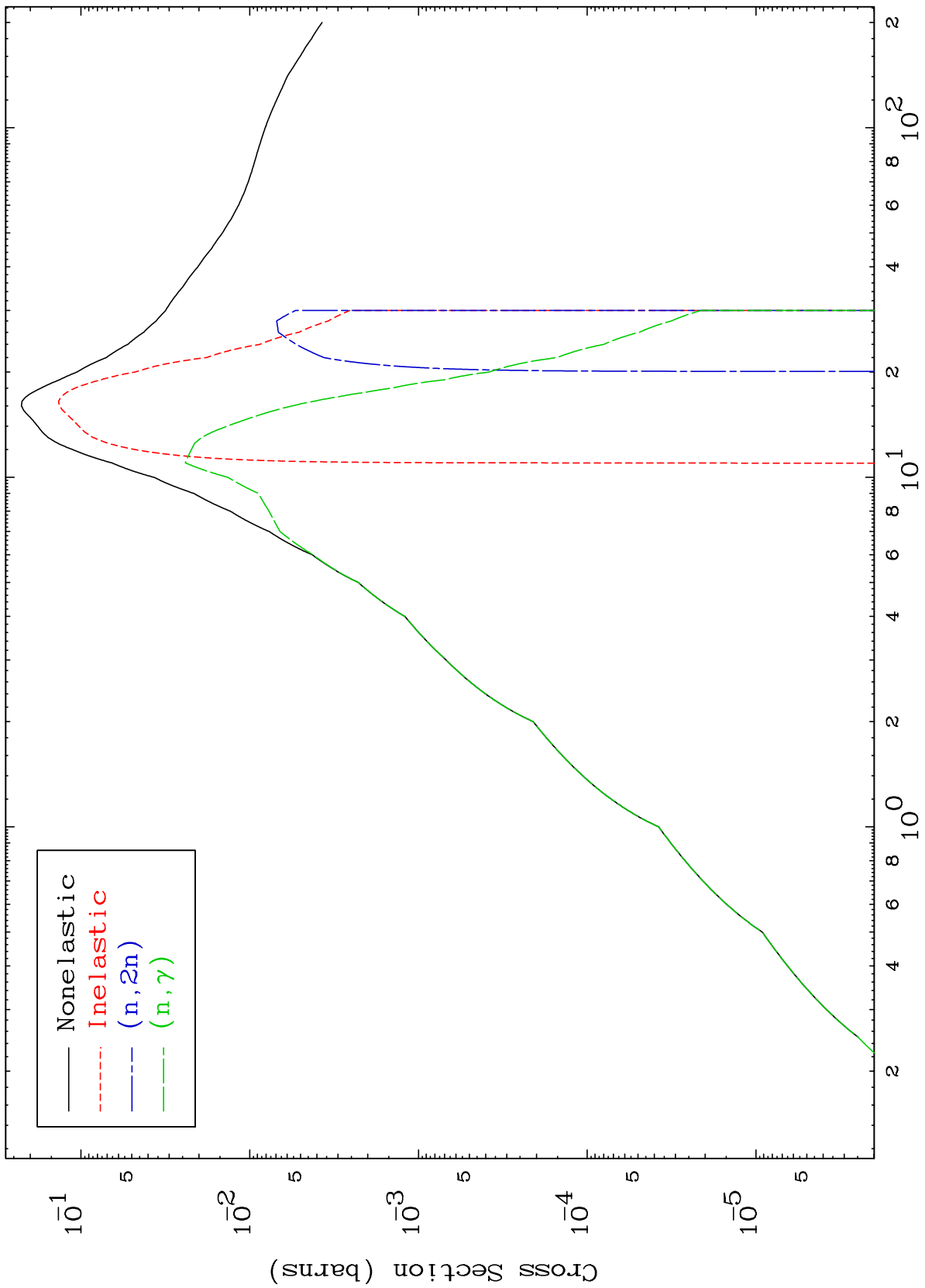
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5495

Photon Major
0 Kelvin Cross Sections

55-Cs-123



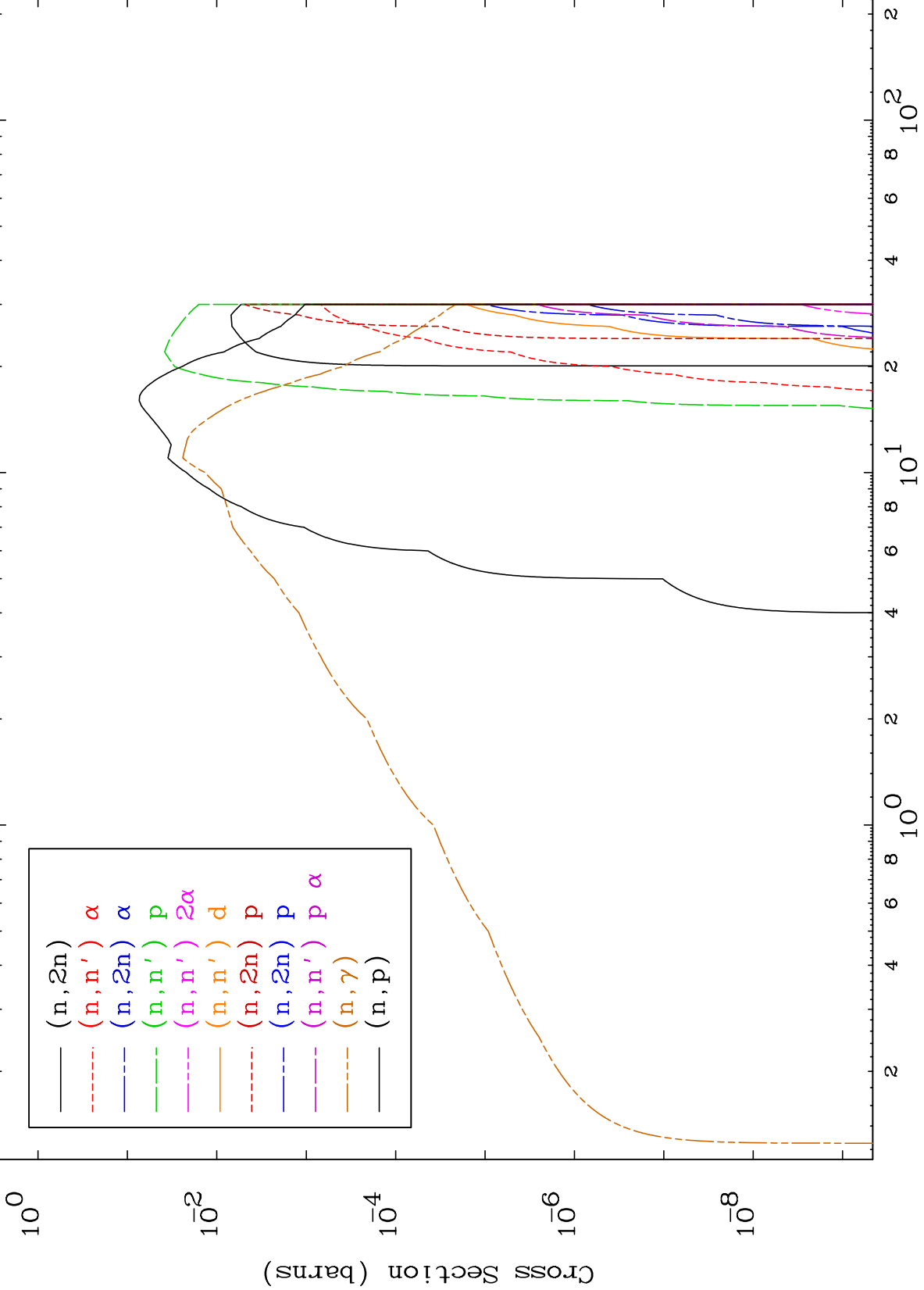
1

55-Cs-123

MAT 5495

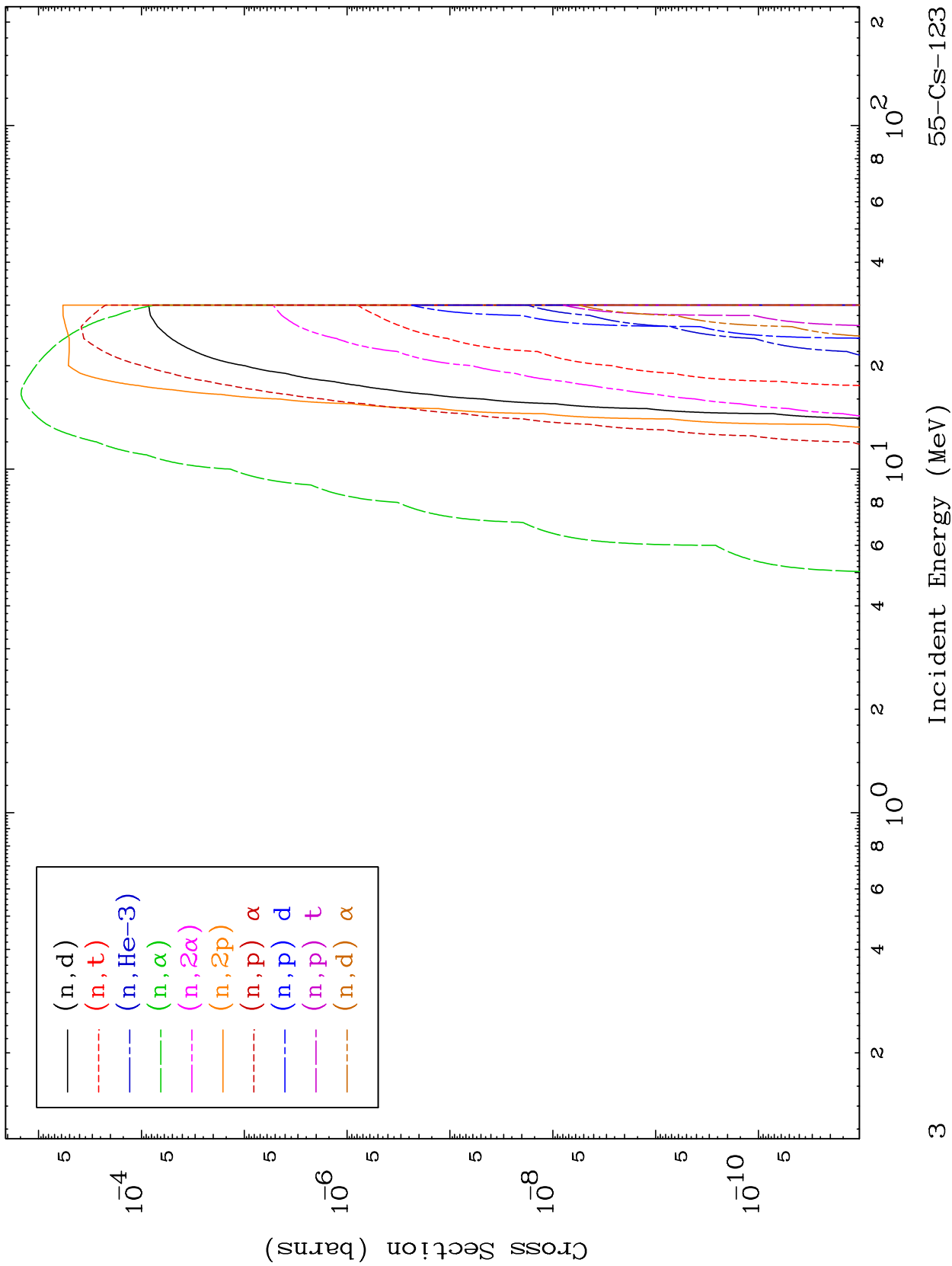
Photon Neutron Absorption
0 Kelvin Cross Sections

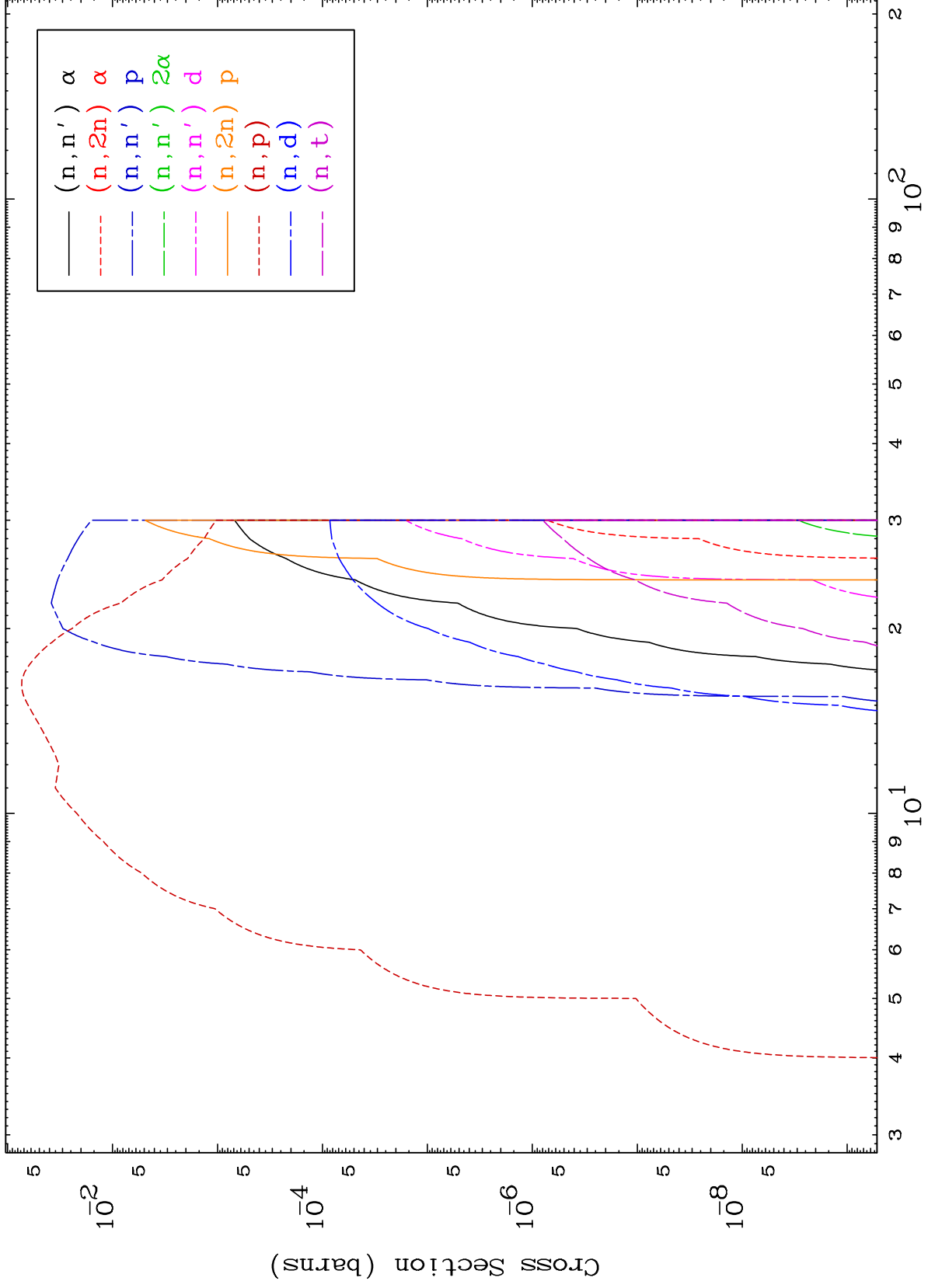
55-Cs-123

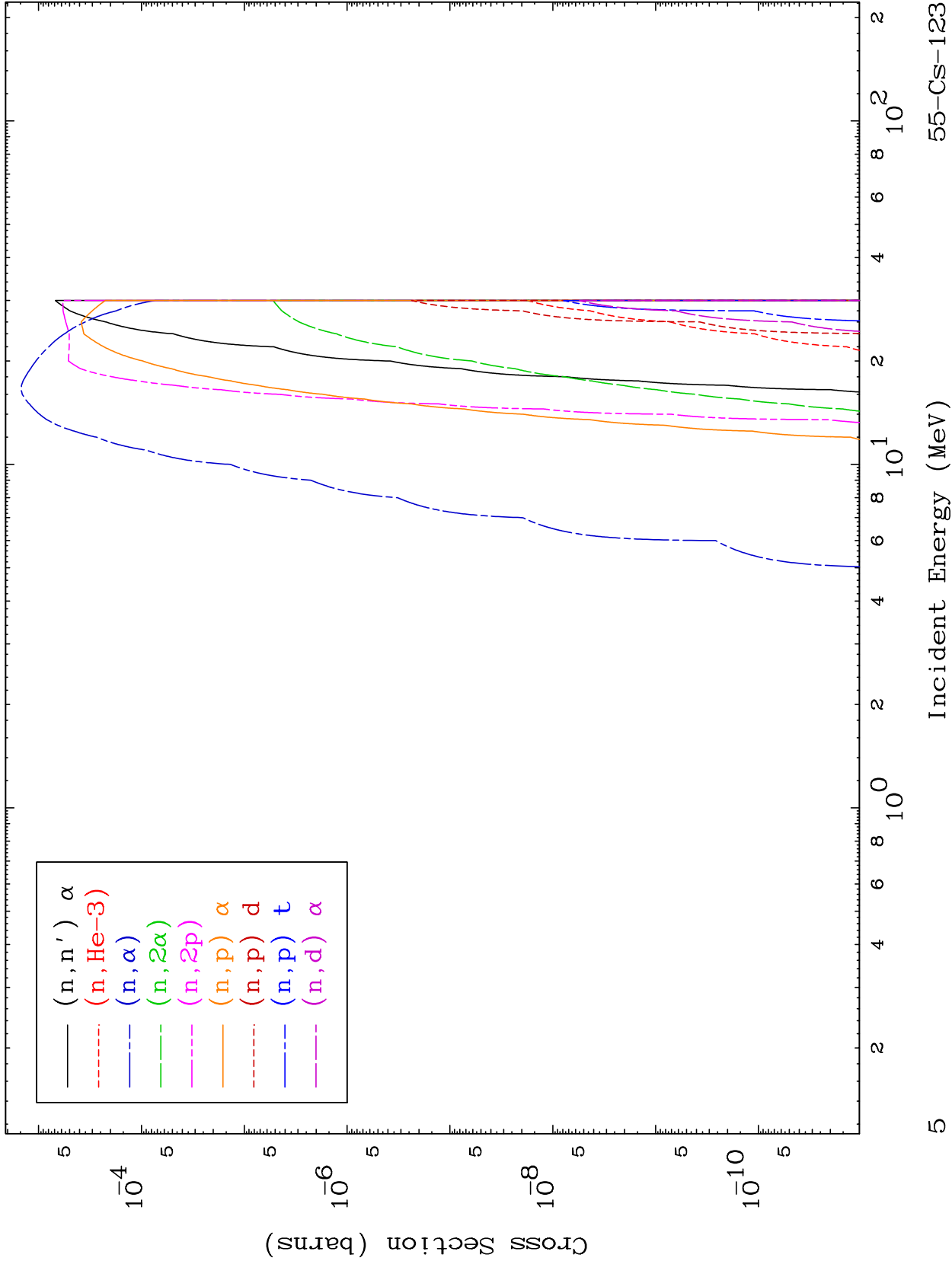


55-Cs-123

Incident Energy (MeV)





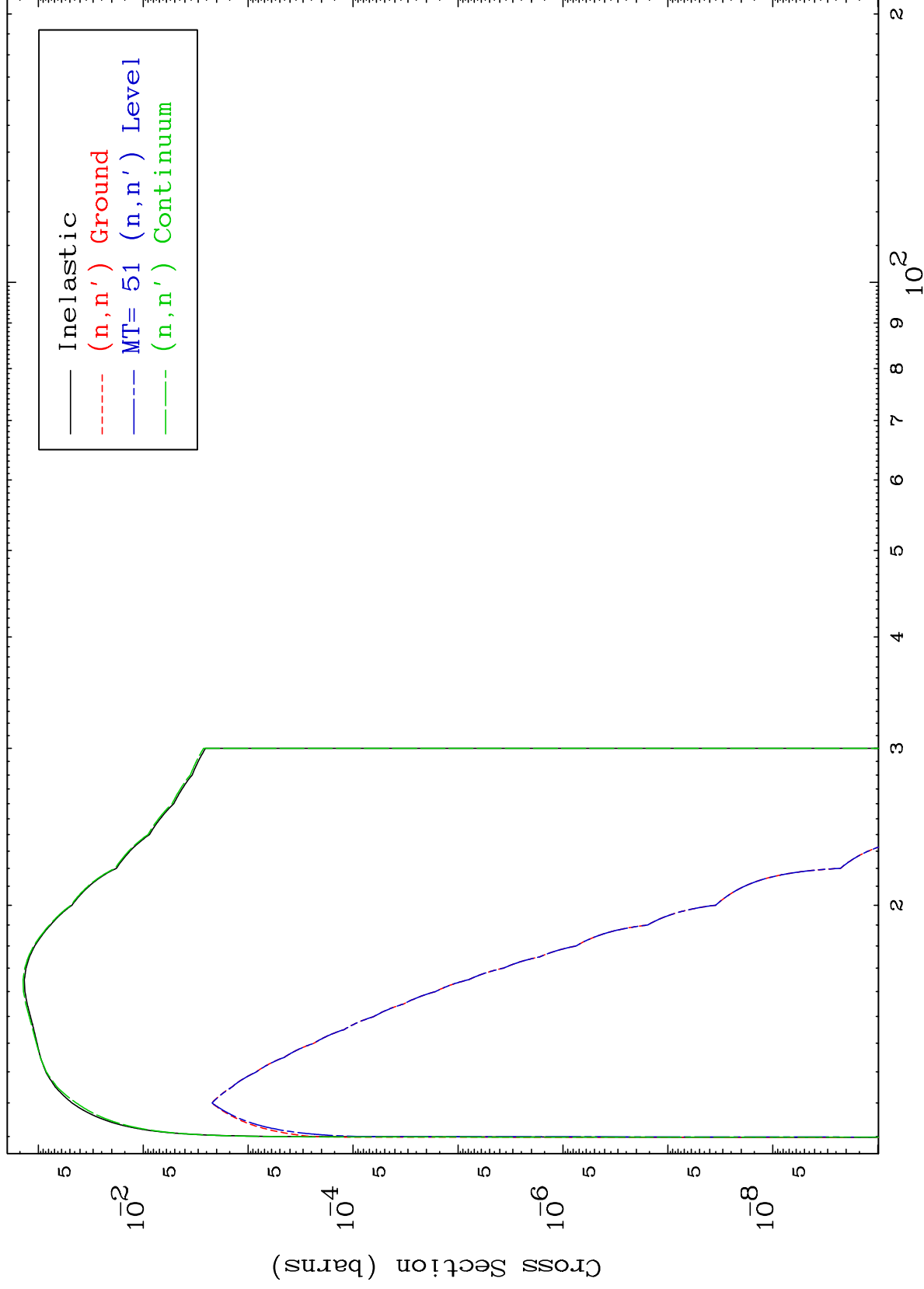


MAT 5495

(γ, n') Levels

55-Cs-123

0 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-123

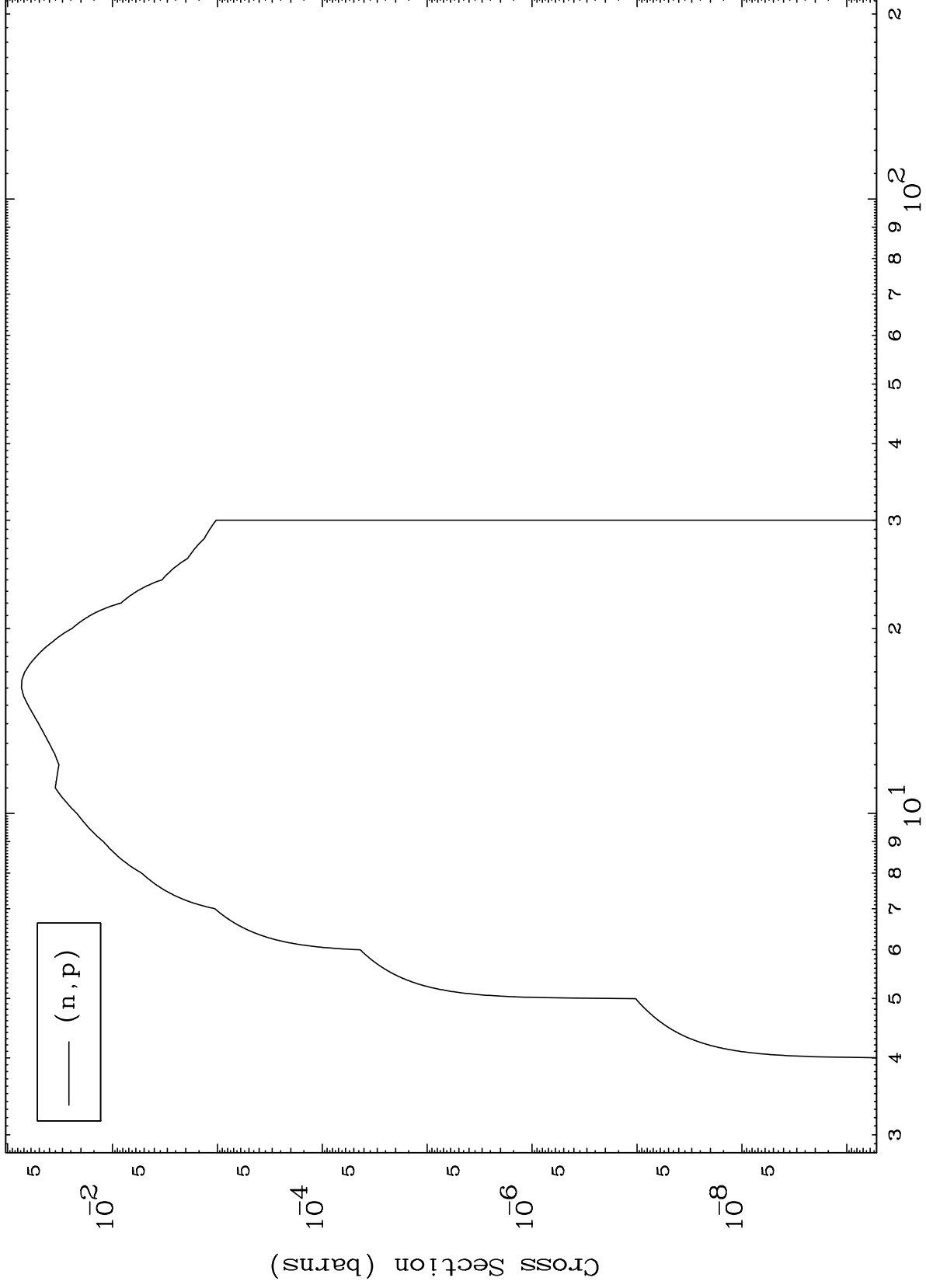
6

MAT 5495

(γ, p) Levels

55-Cs-123

0 Kelvin Cross Sections



7

Incident Energy (MeV)

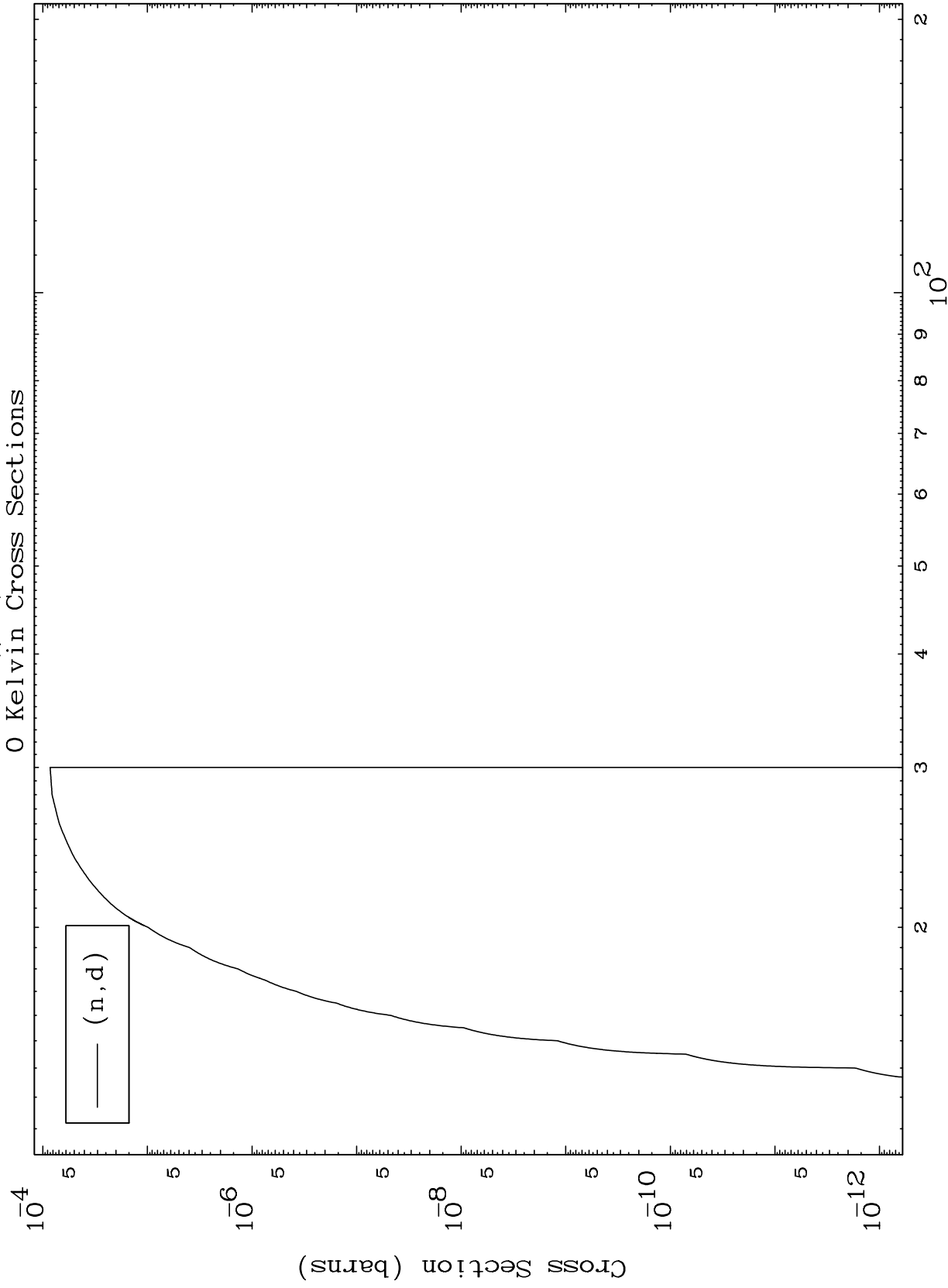
55-Cs-123

MAT 5495

(γ, d) Levels

55-Cs-123

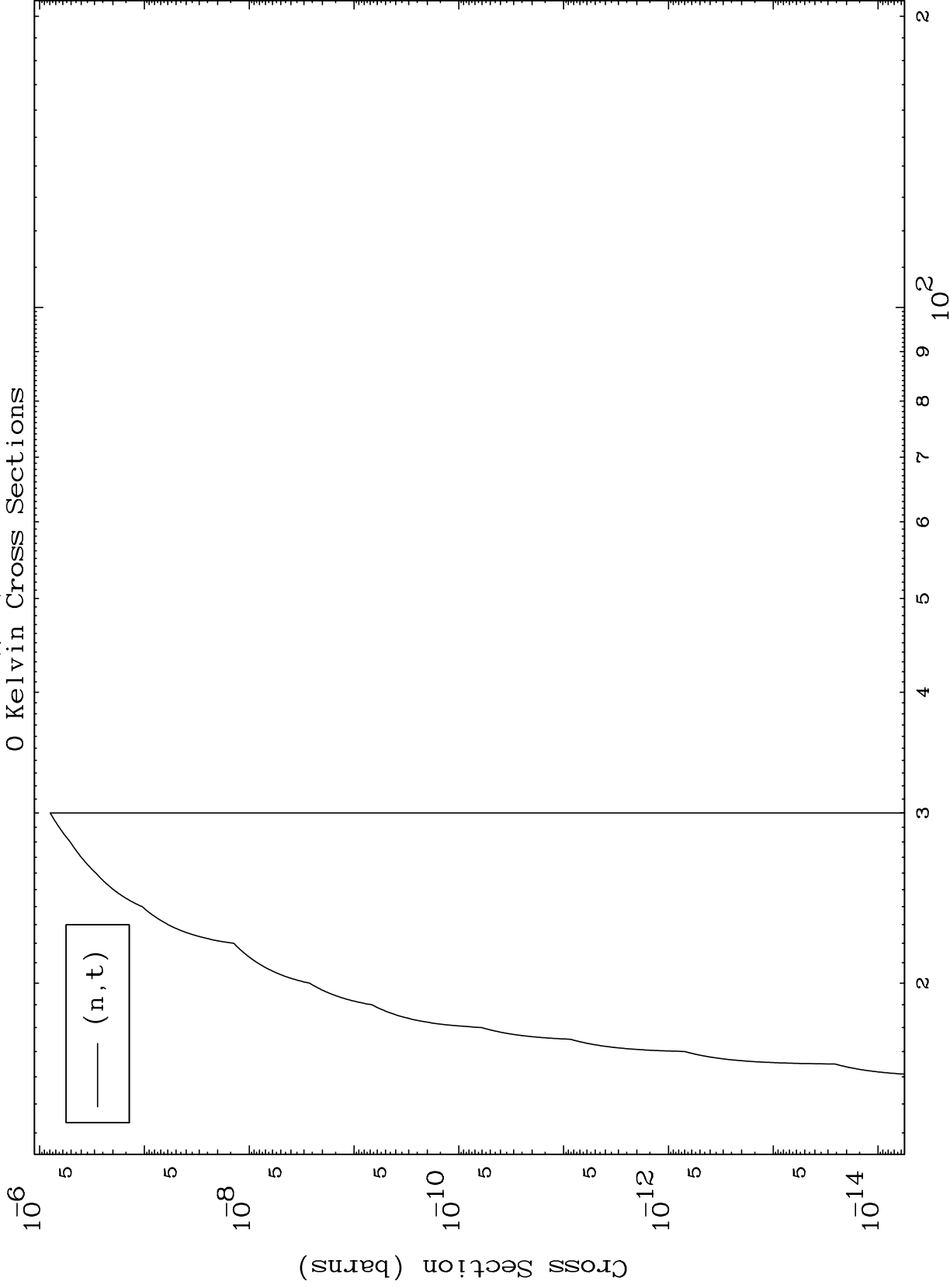
0 Kelvin Cross Sections



8

Incident Energy (MeV)

55-Cs-123

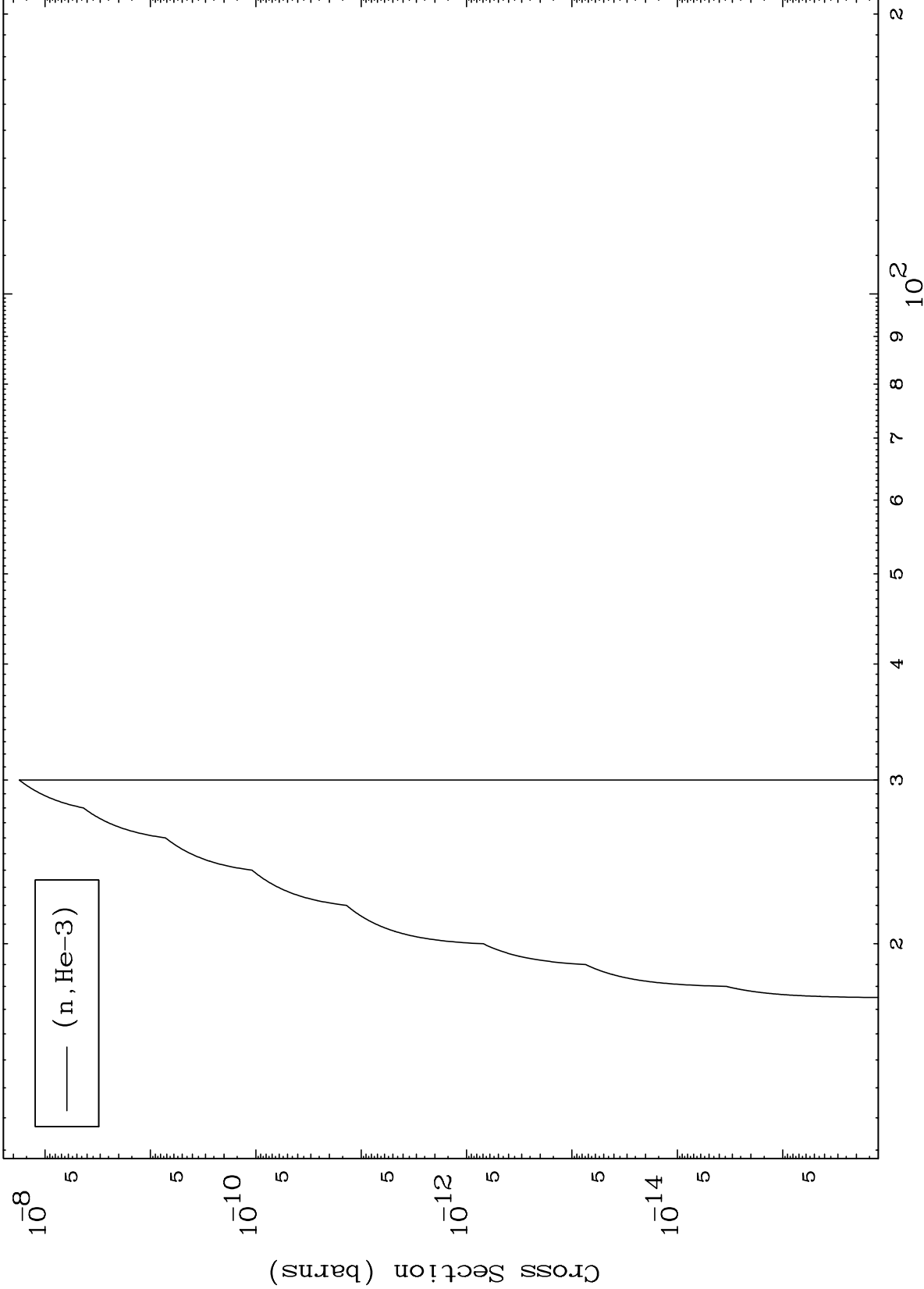


MAT 5495

($\gamma, \text{He}3$) Levels

55-Cs-123

0 Kelvin Cross Sections



10

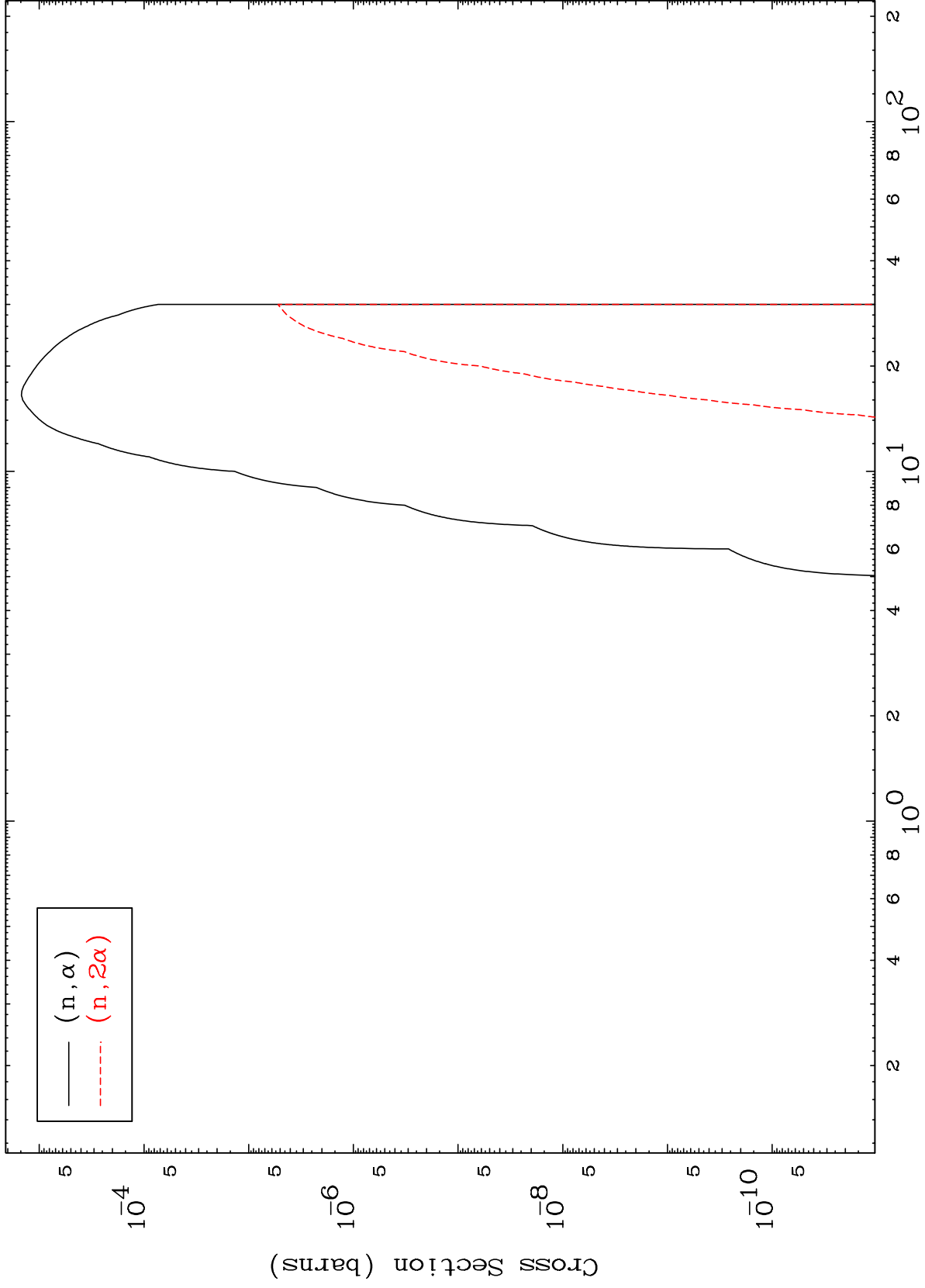
Incident Energy (MeV)

55-Cs-123

MAT 5495

(γ, α) Levels
0 Kelvin Cross Sections

55-Cs-123



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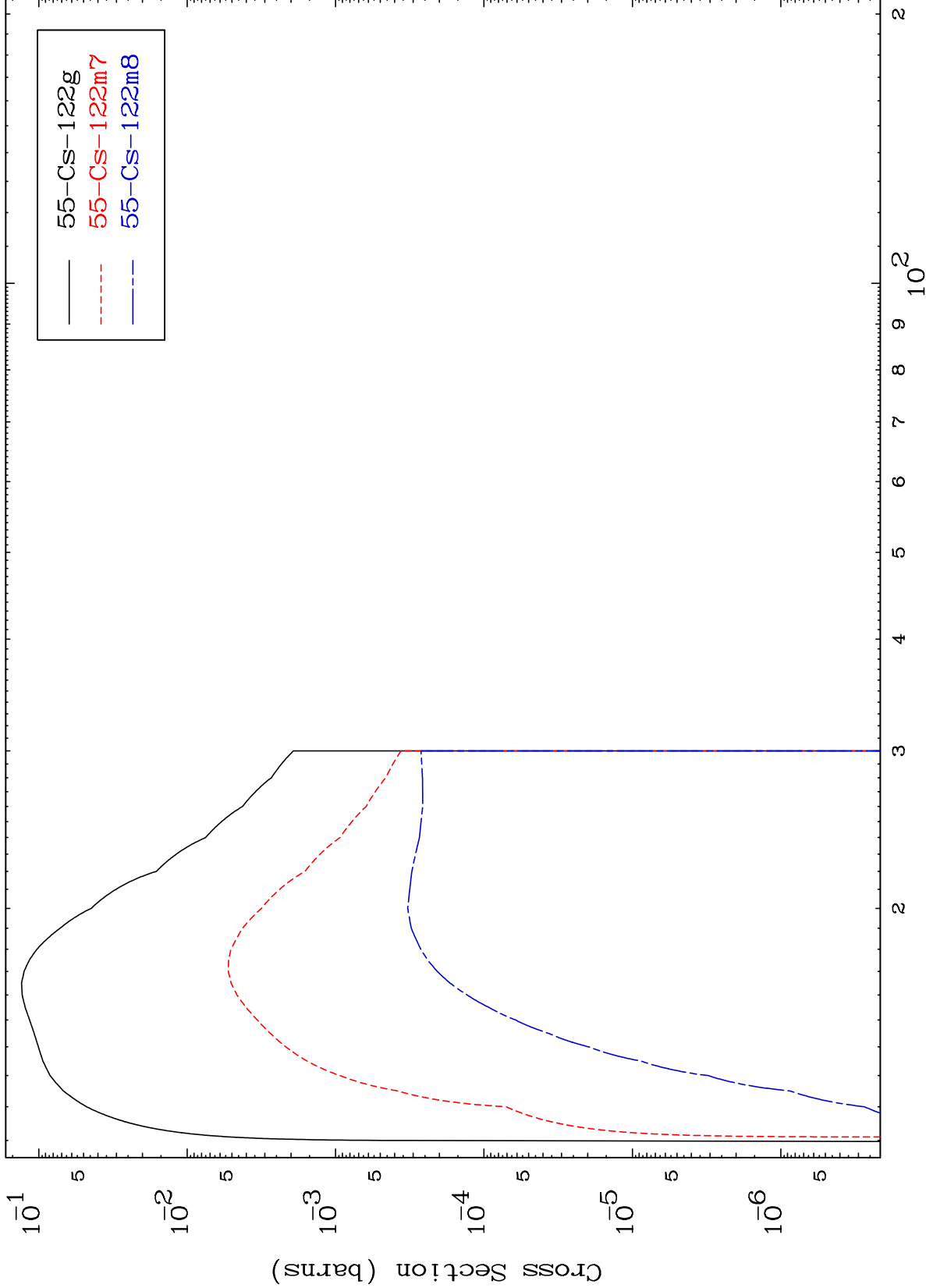
55-Cs-123

MAT 5495

Inelastic

55-Cs-123

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

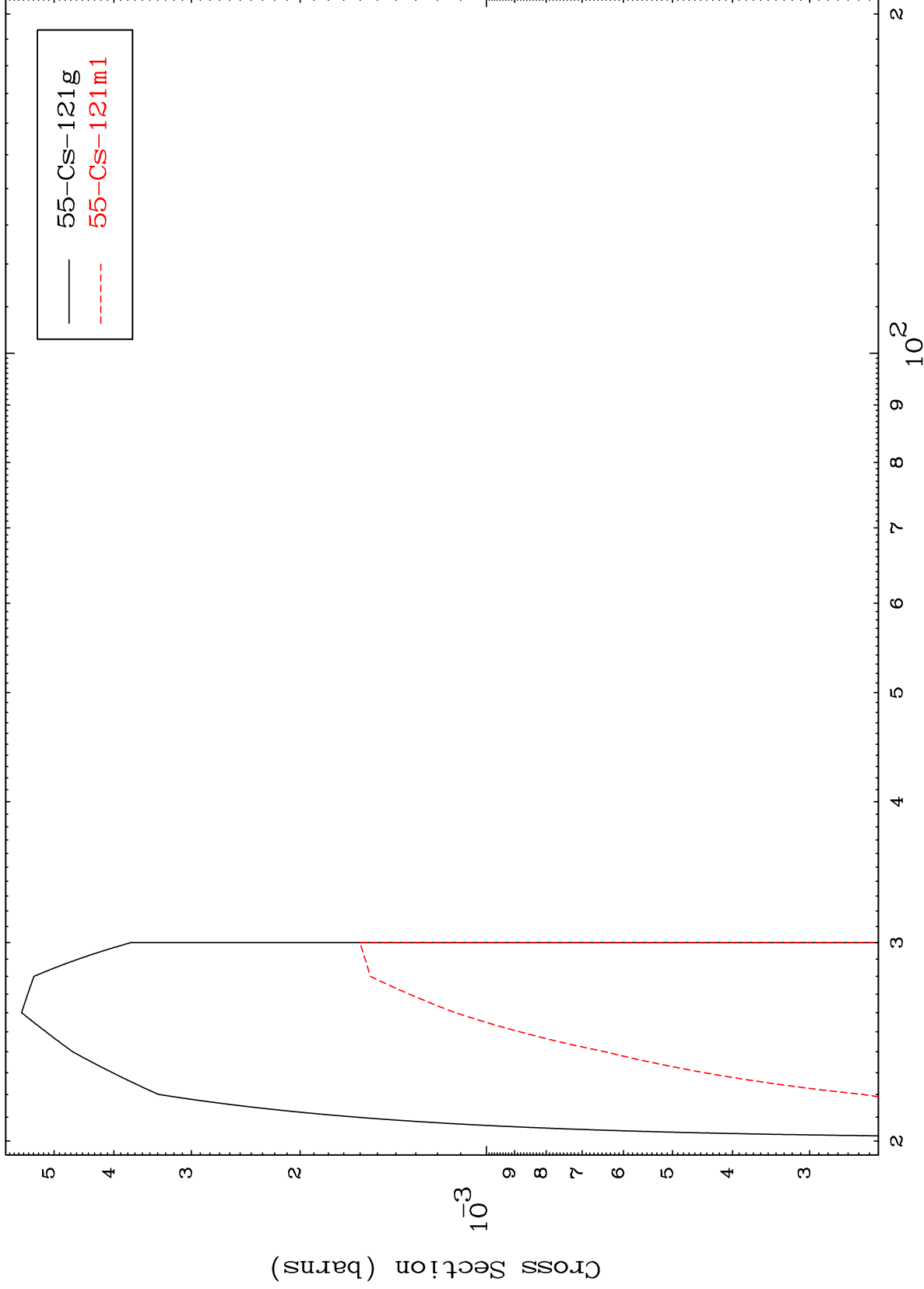
55-Cs-123

MAT 5495

(n,2n)

55-Cs-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

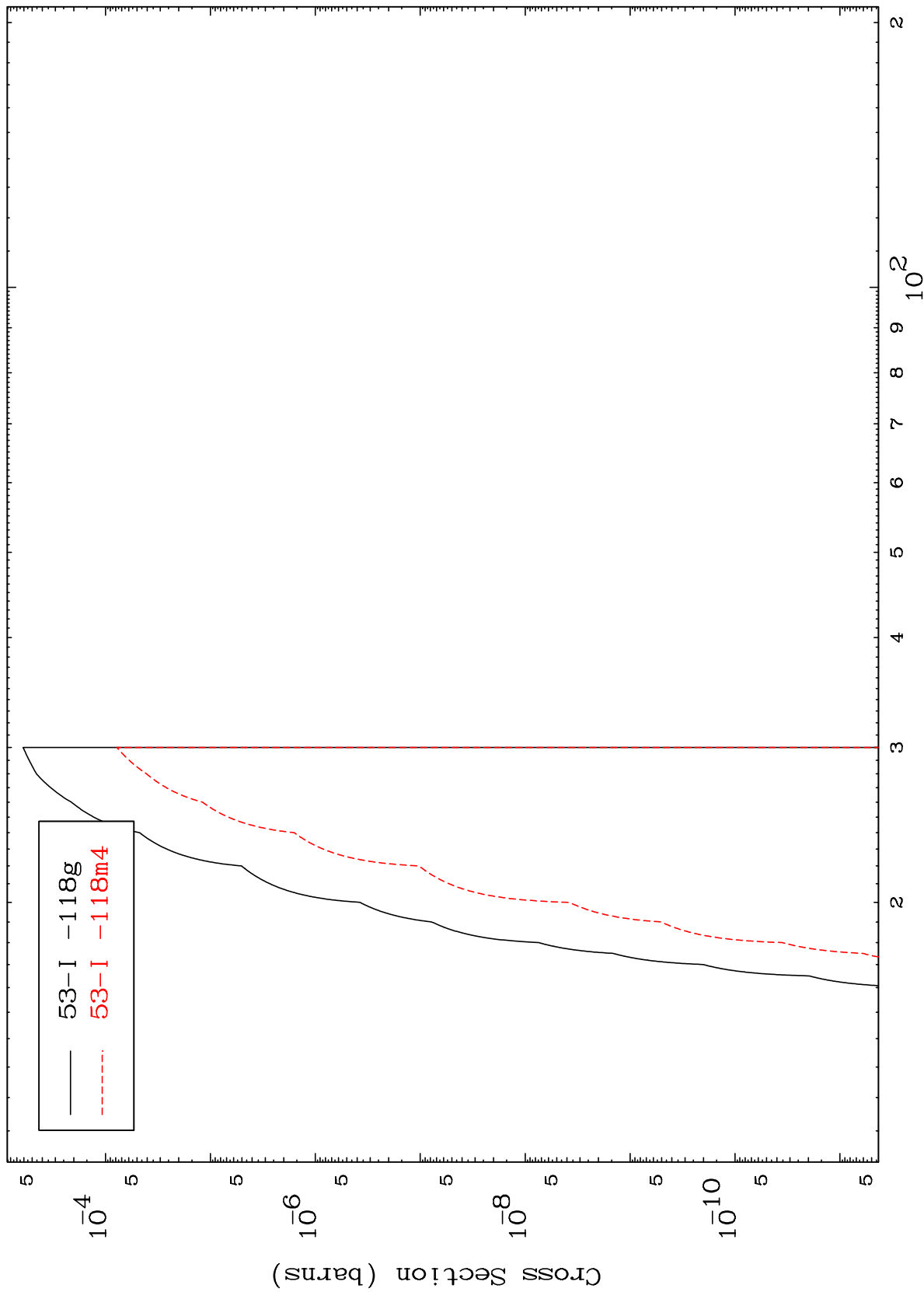
55-Cs-123

MAT 5495

(n,n') α

55-Cs-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

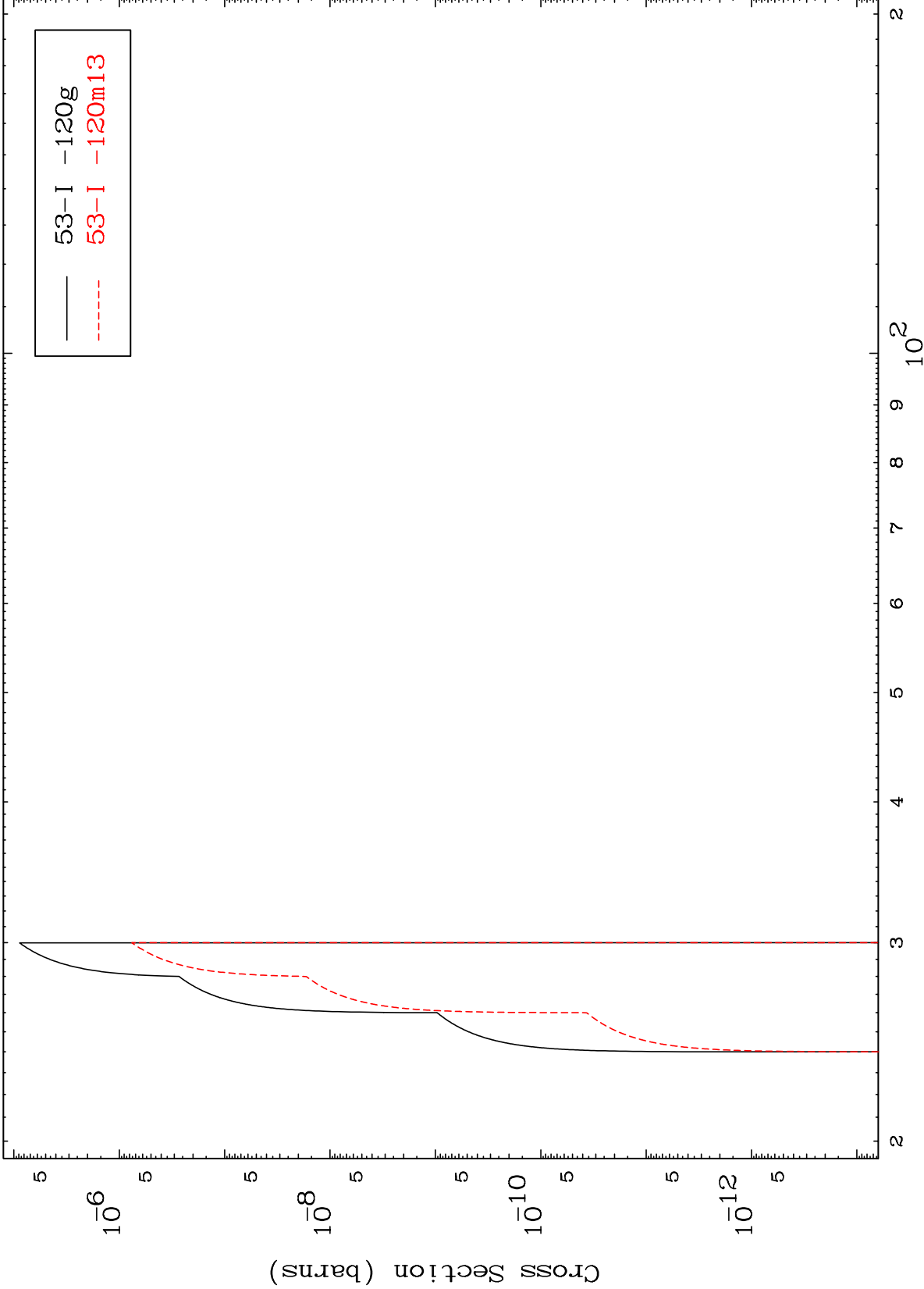
55-Cs-123

MAT 5495

(n,2n) p

55-Cs-123

Radionuclide Production Cross Section

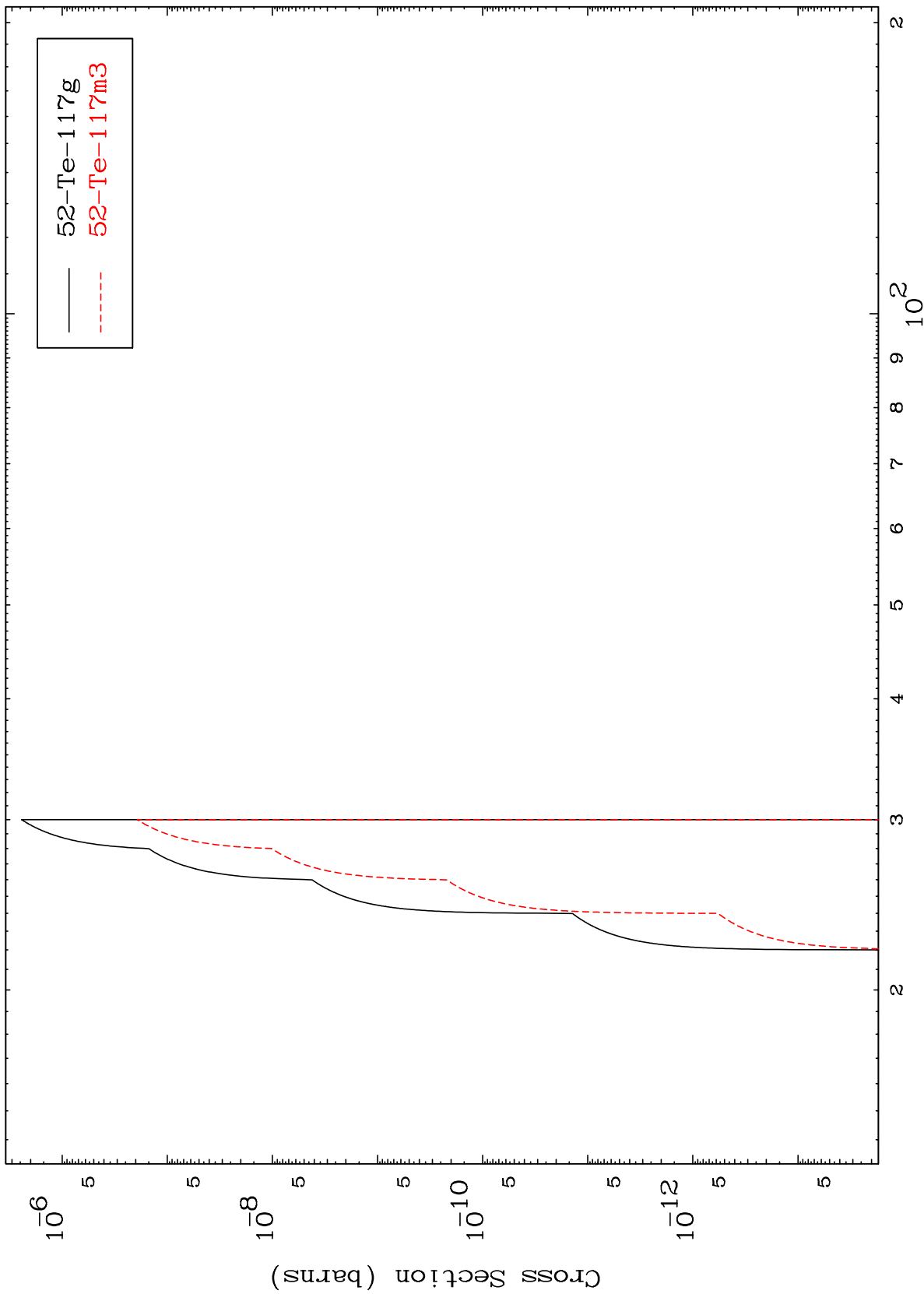


15

Incident Energy (MeV)

55-Cs-123

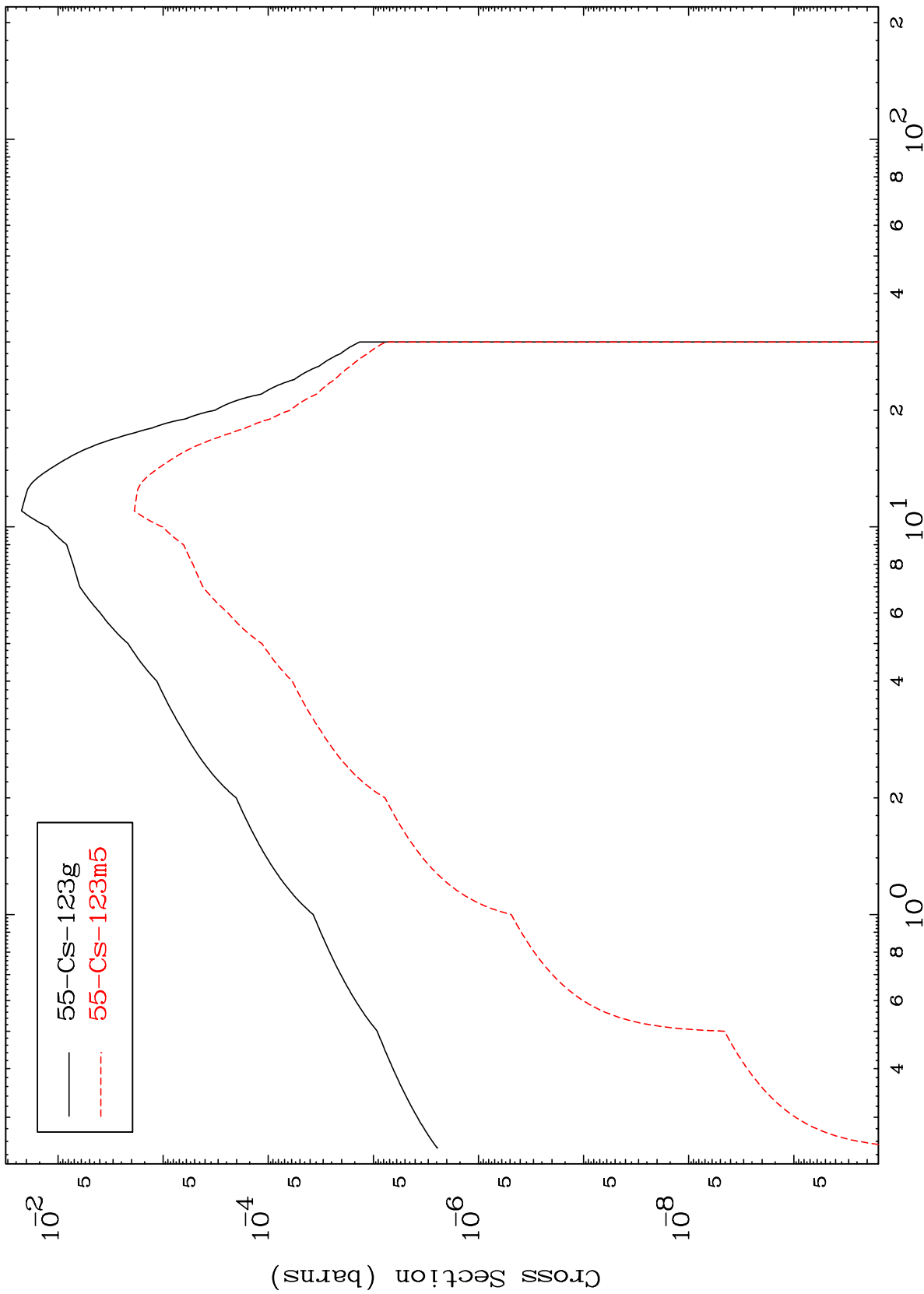
Radionuclide Production Cross Section



MAT 5495

55-Cs-123

(n, γ)
Radionuclide Production Cross Section

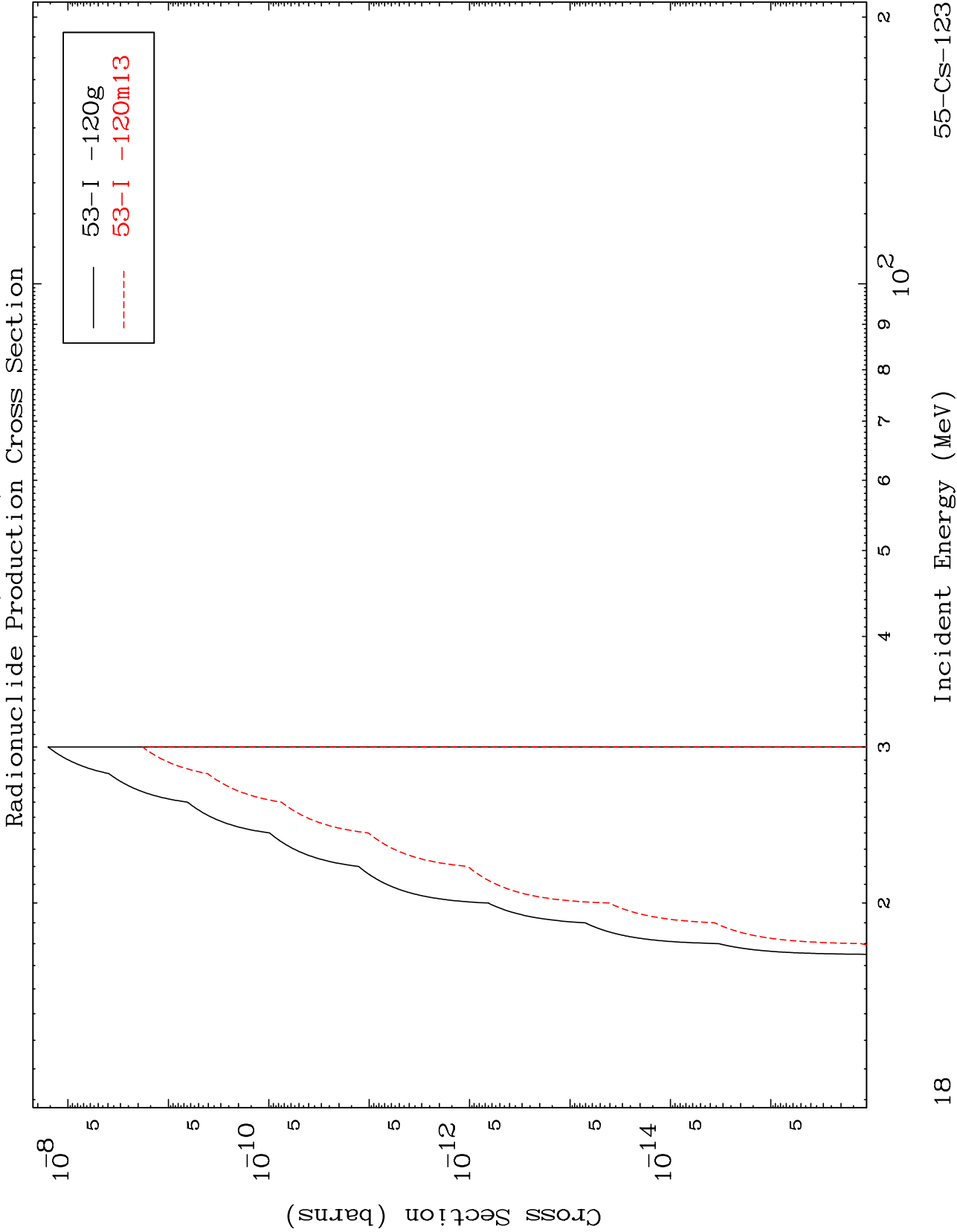


— 55-Cs-123g
- - - 55-Cs-123m5

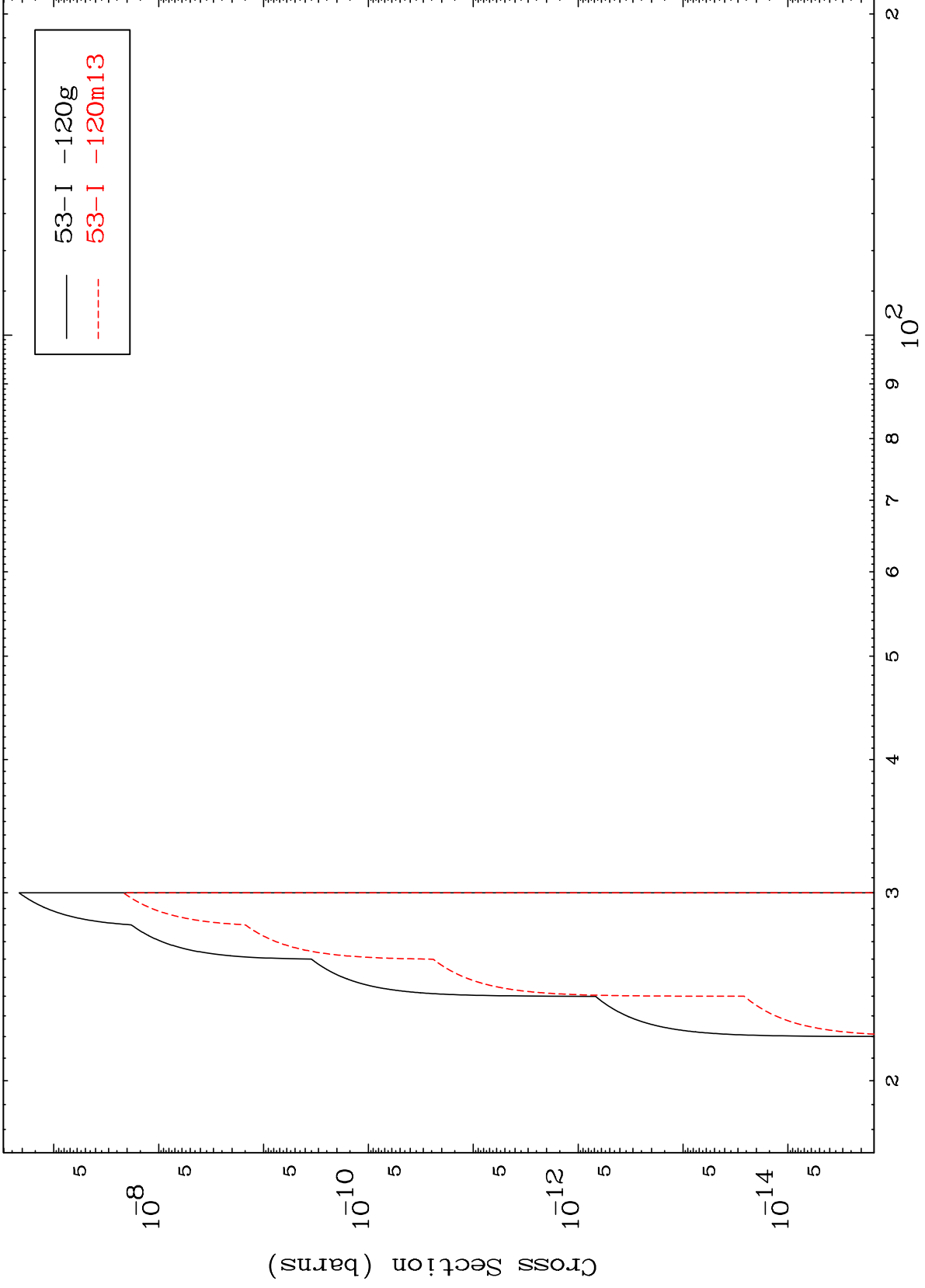
17

Incident Energy (MeV)

55-Cs-123



Radionuclide Production Cross Section

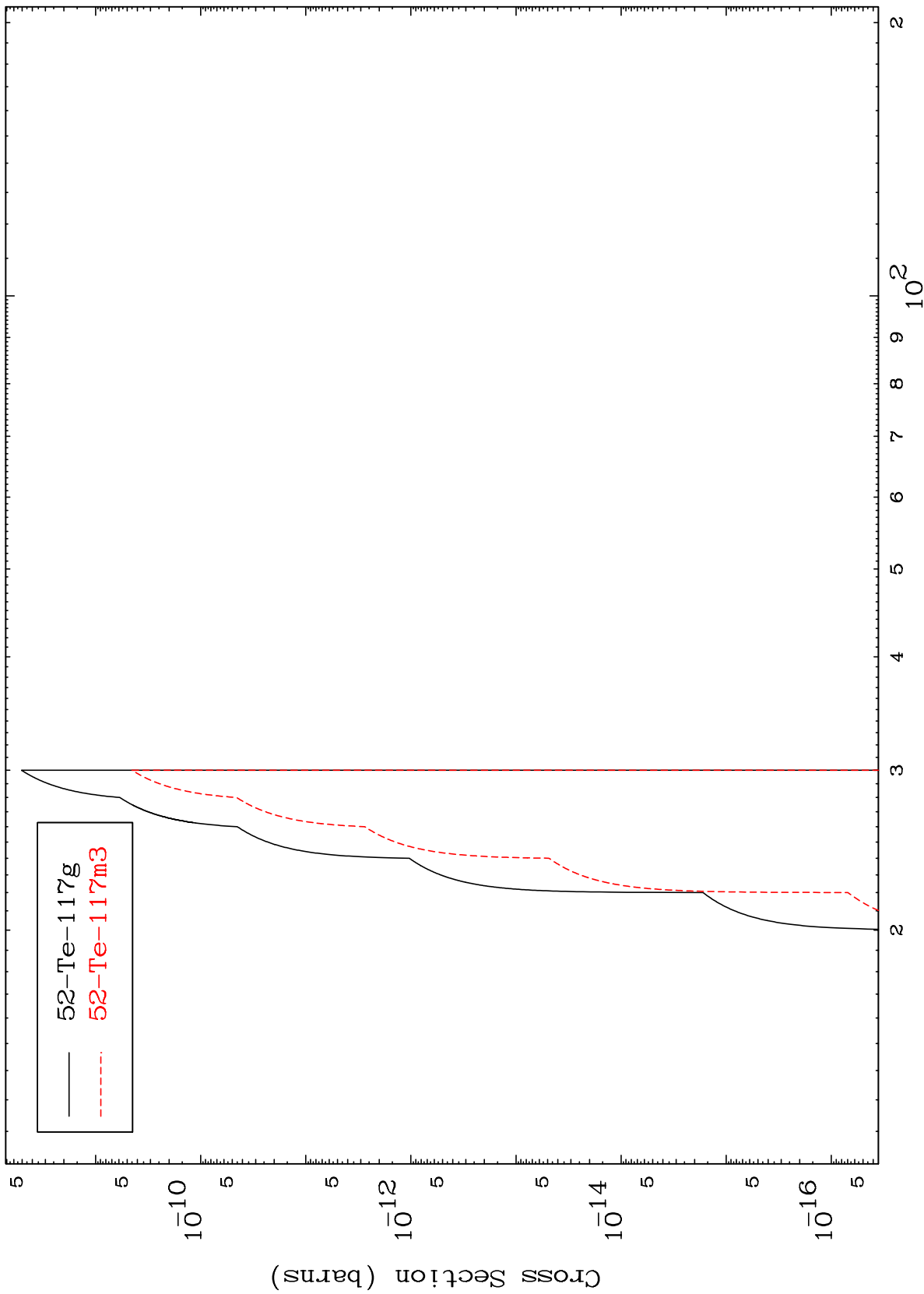


MAT 5495

(n,d) α

55-Cs-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-123