

Program EVALPLOT
(Version 2021-1)

by

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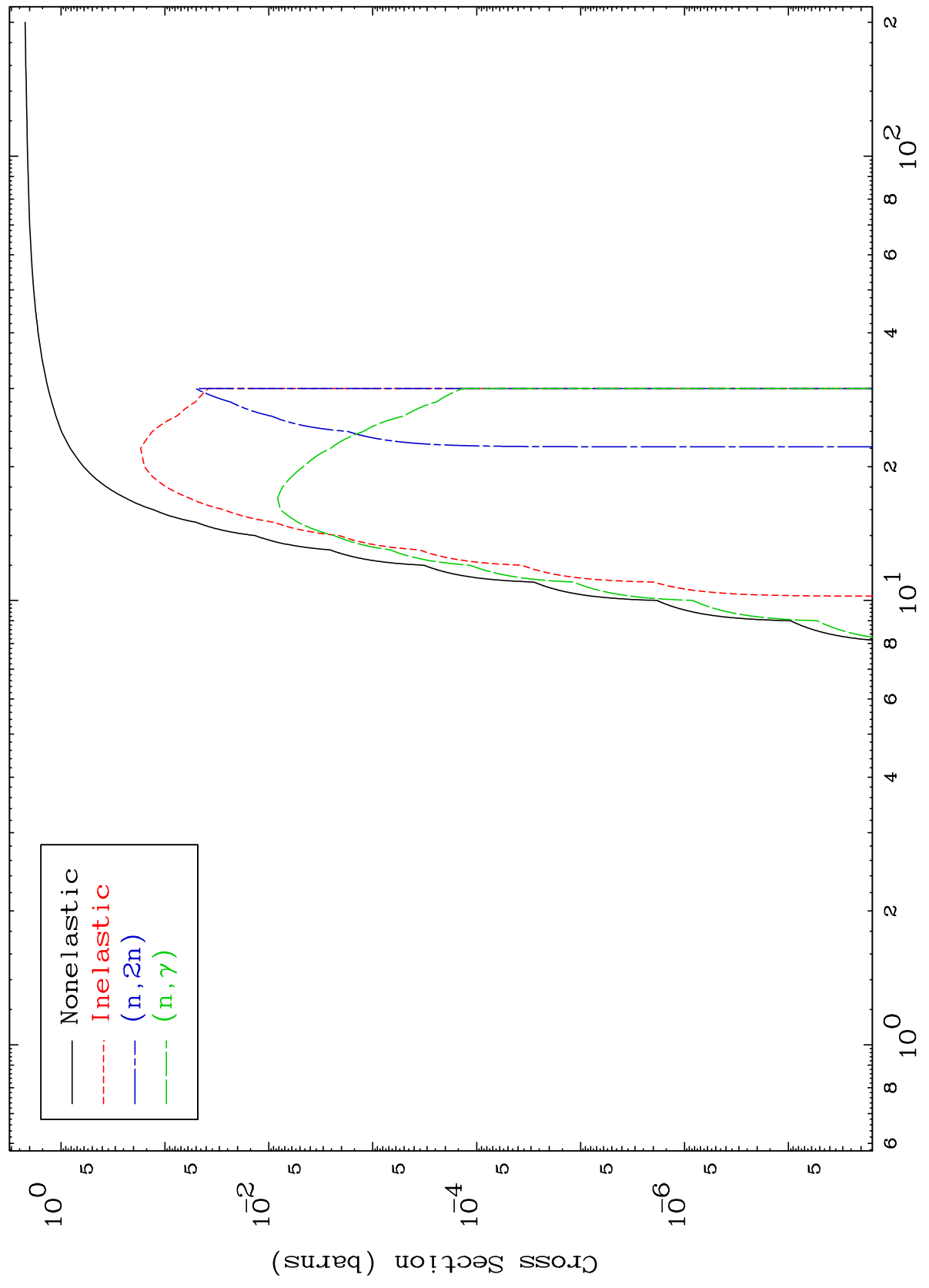
Press Mouse Button to Start

MAT 5493

0 Kelvin

α Major

55-Cs-122m



1

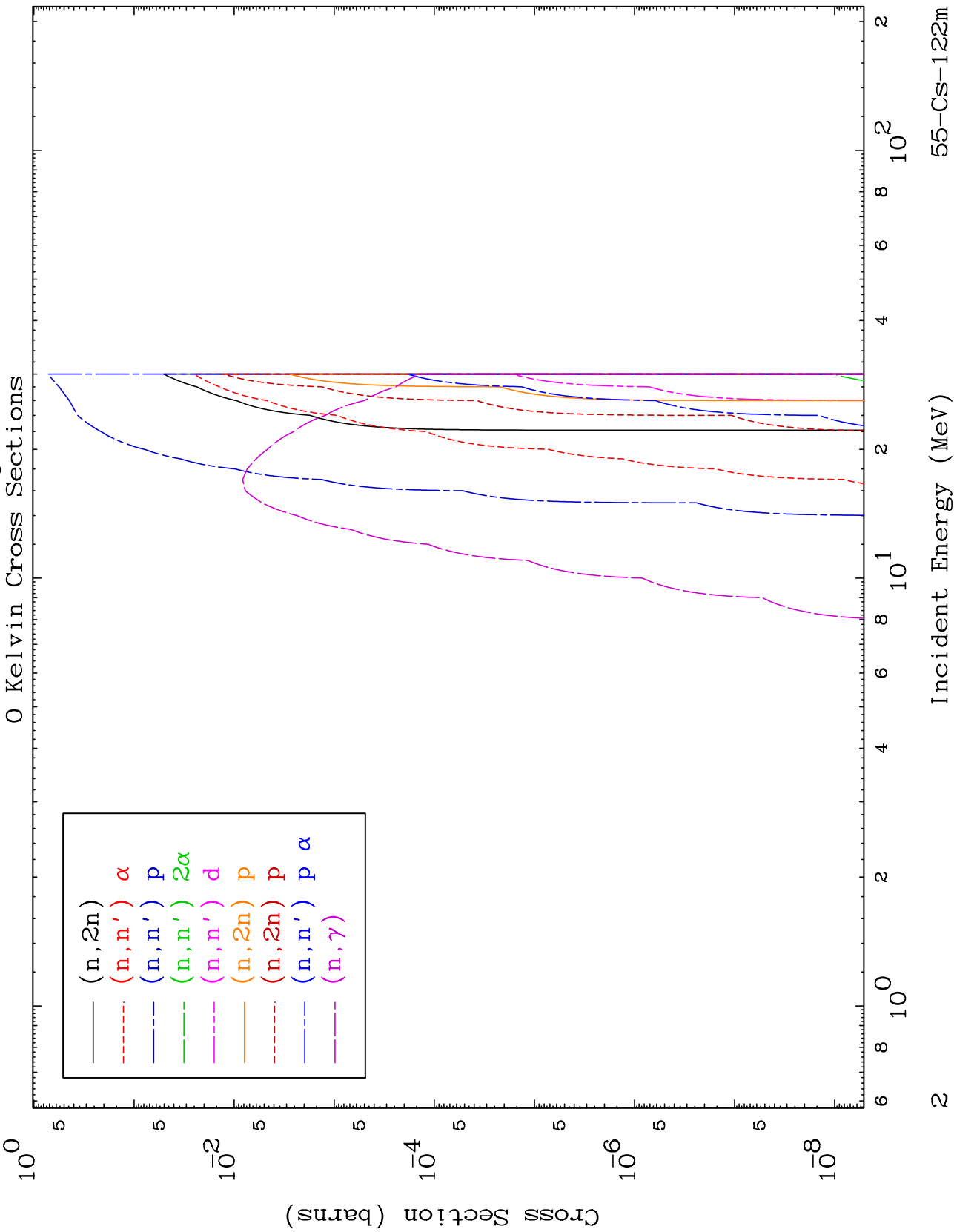
Incident Energy (MeV)

55-Cs-122m

MAT 5493

α Neutron Absorption

55-Cs-122m



2

Incident Energy (MeV)

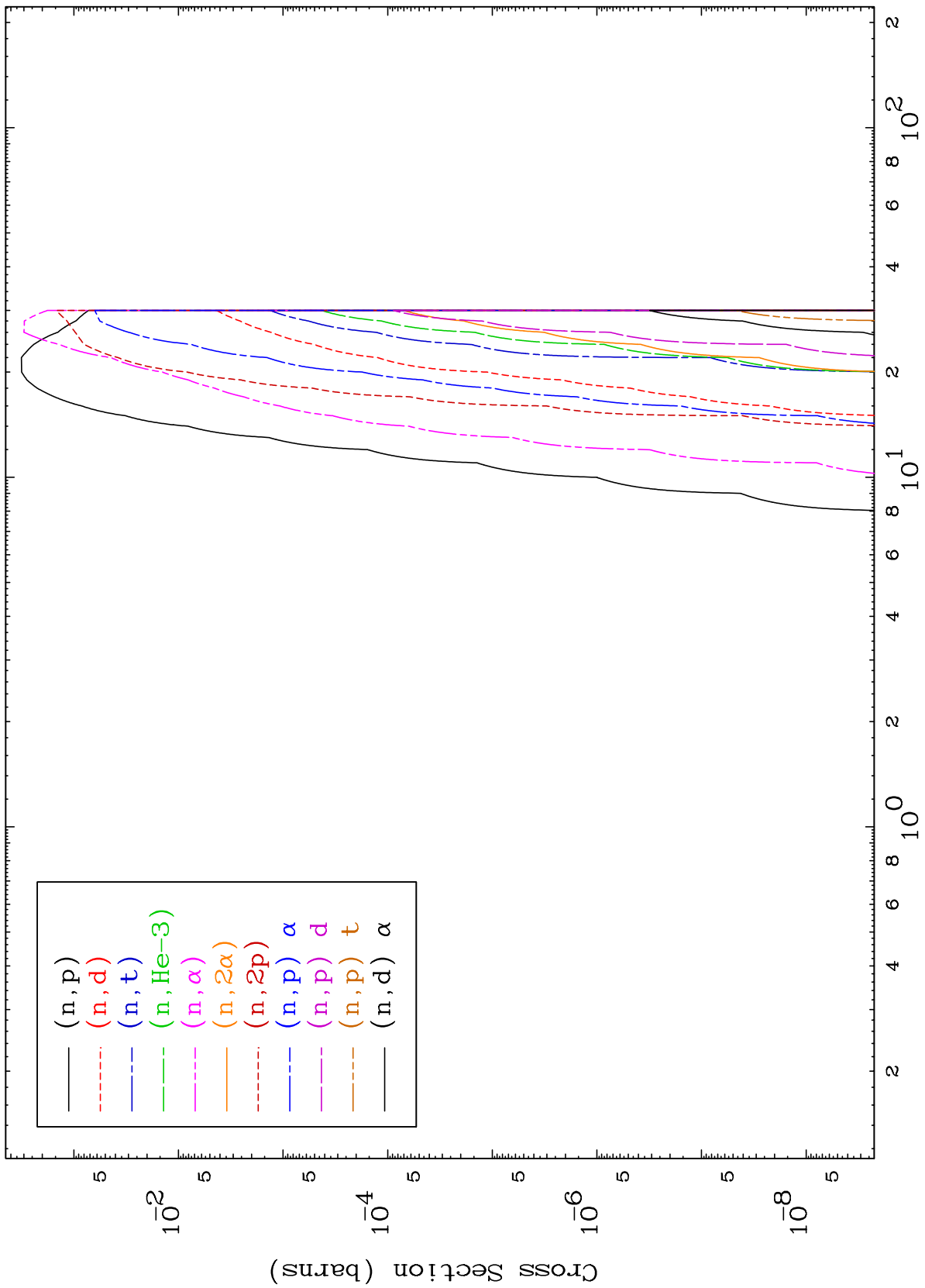
55-Cs-122m

MAT 5493

α Neutron Absorption

55-Cs-122m

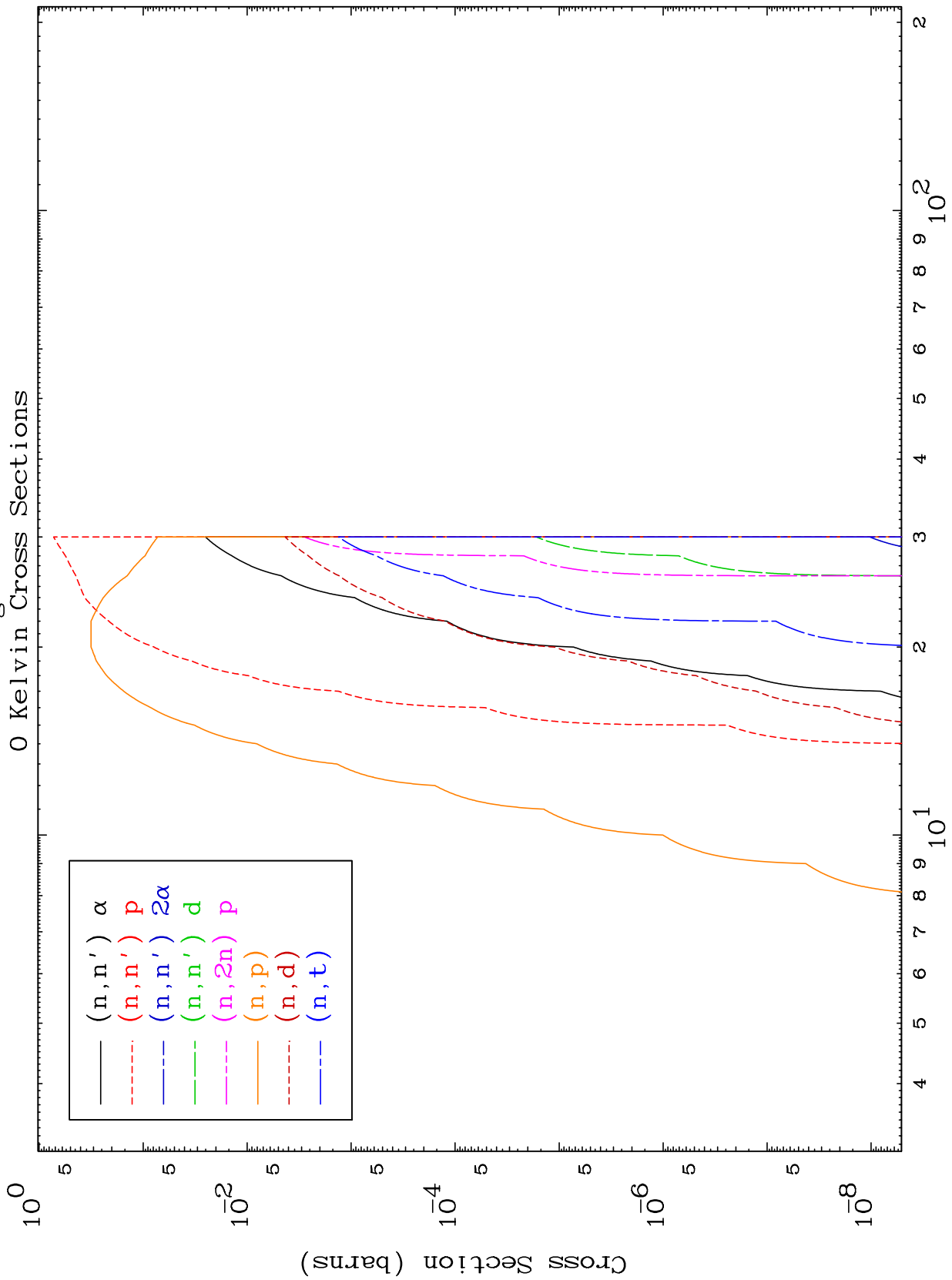
0 Kelvin Cross Sections

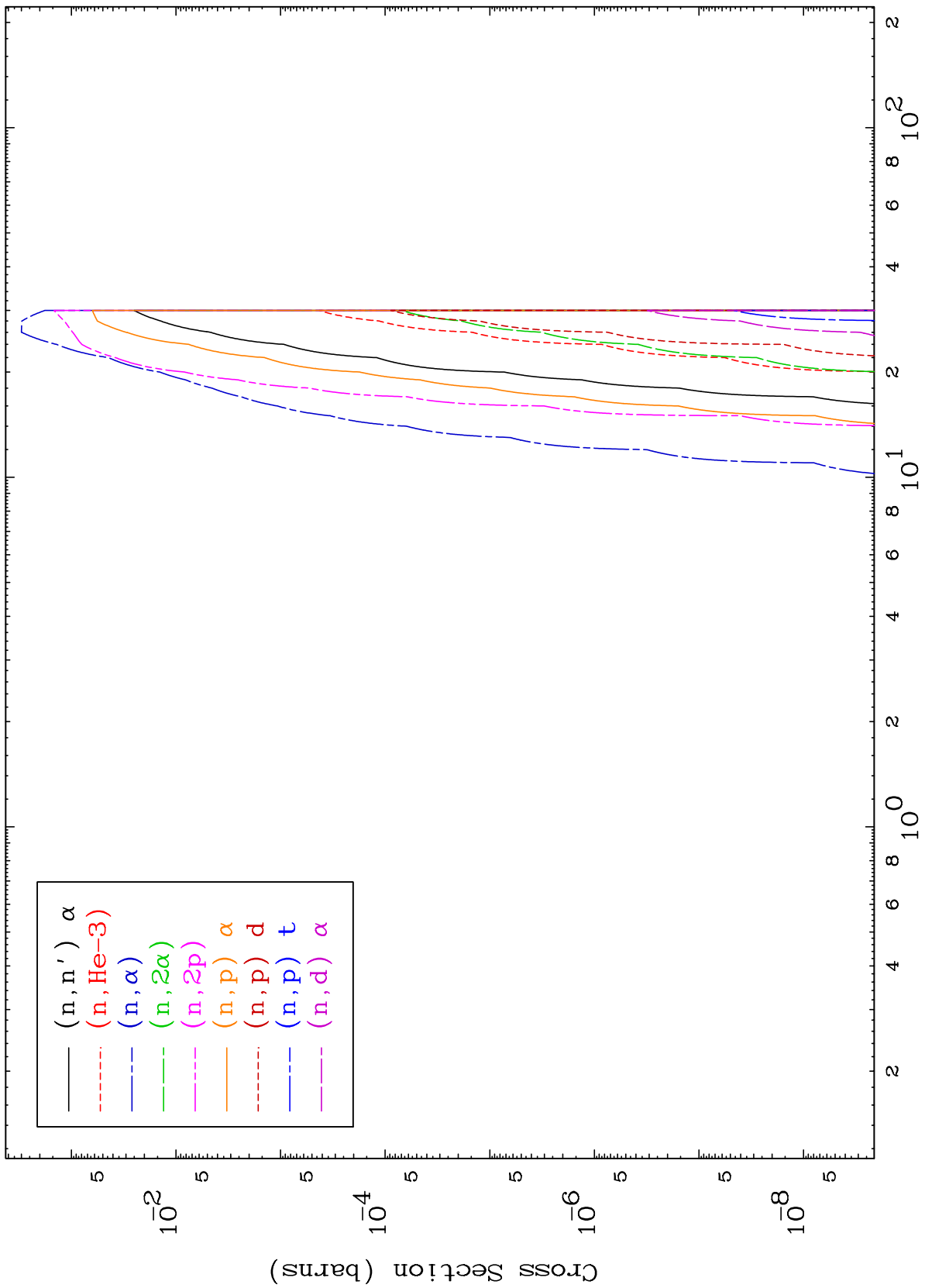


MAT 5493

α Charged Particle
0 Kelvin Cross Sections

55-Cs-122m



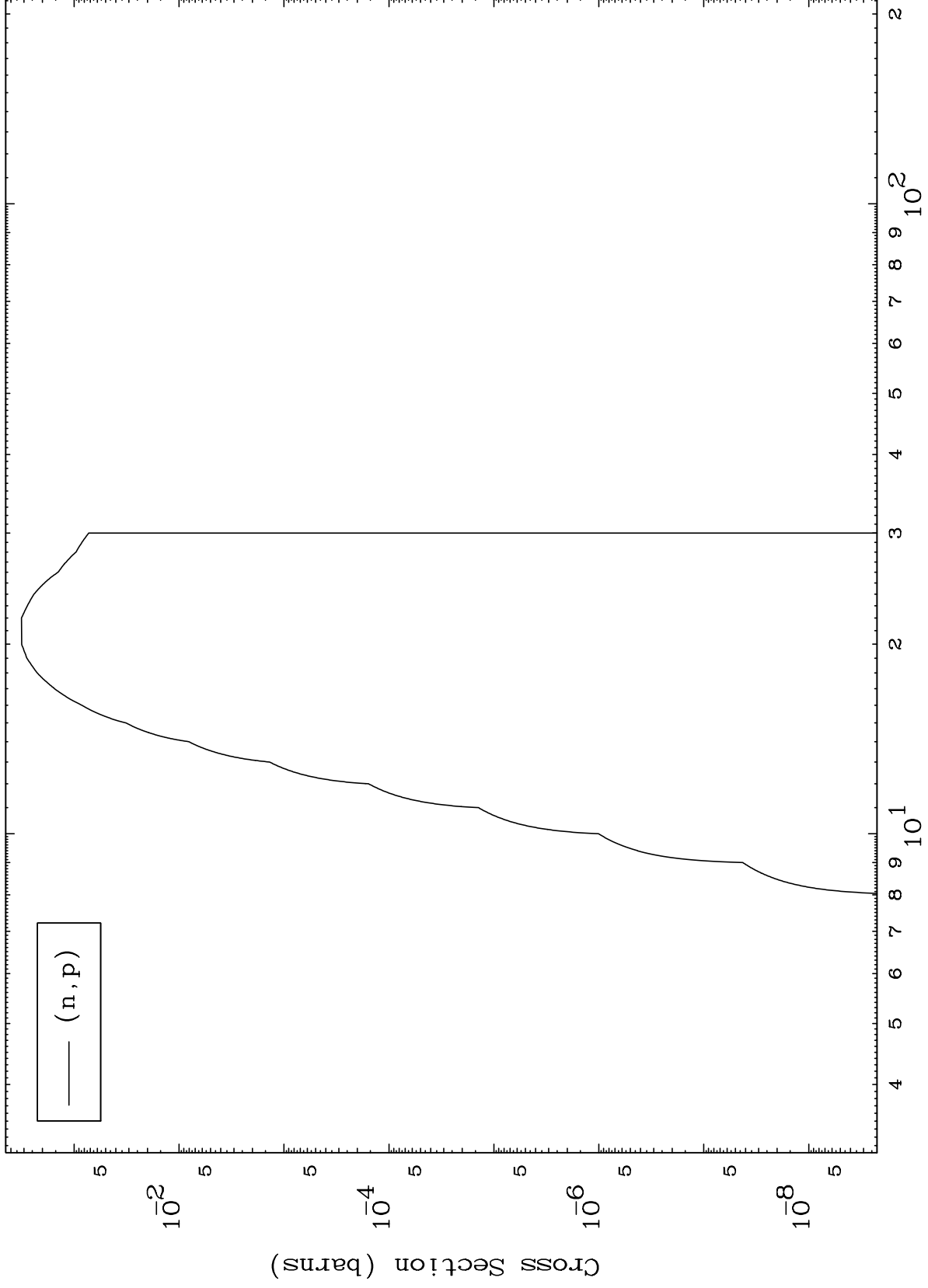


MAT 5493

(α, p) Levels

55-Cs-122m

0 Kelvin Cross Sections



6

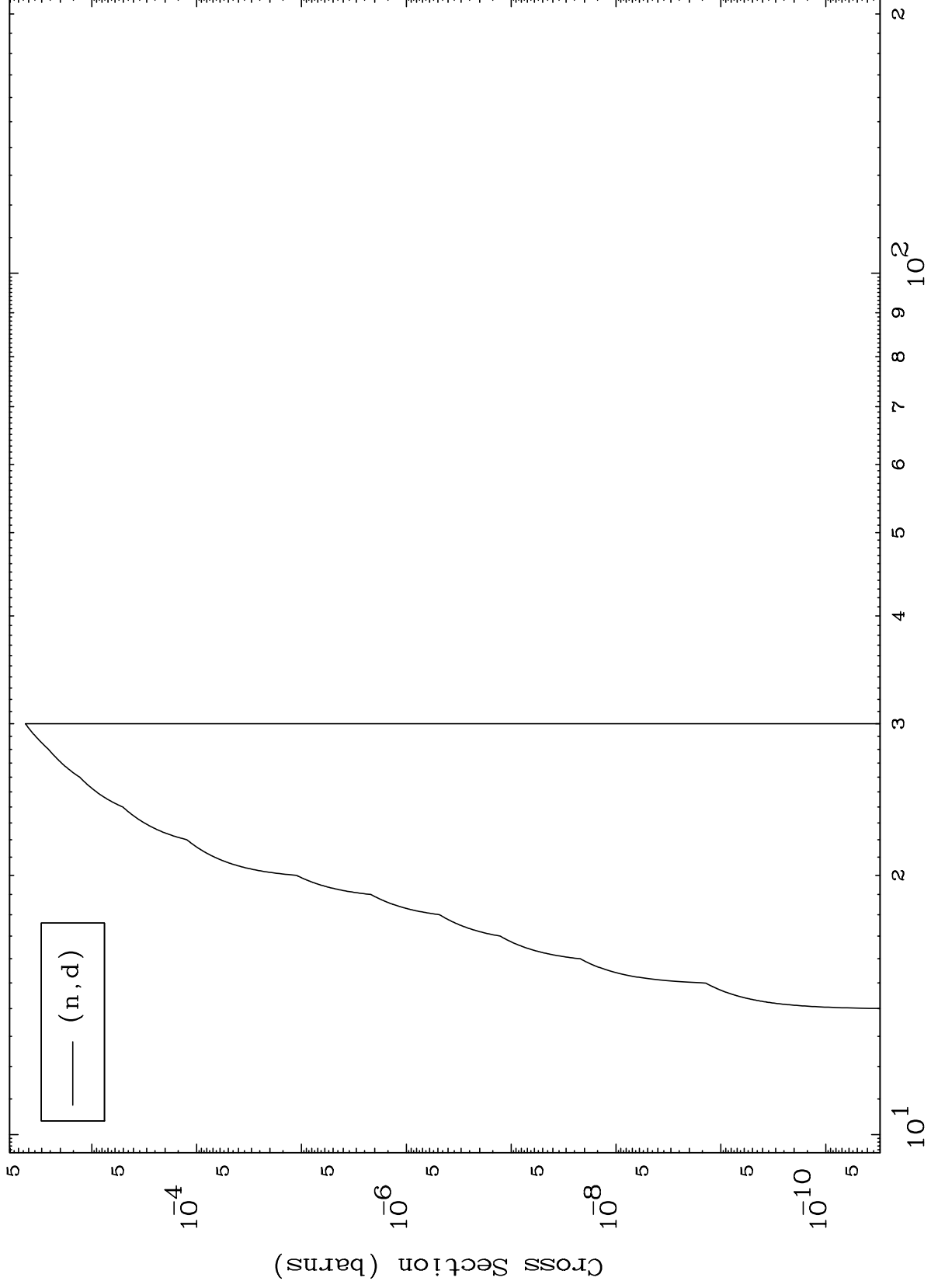
Incident Energy (MeV)

55-Cs-122m

MAT 5493

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-122m



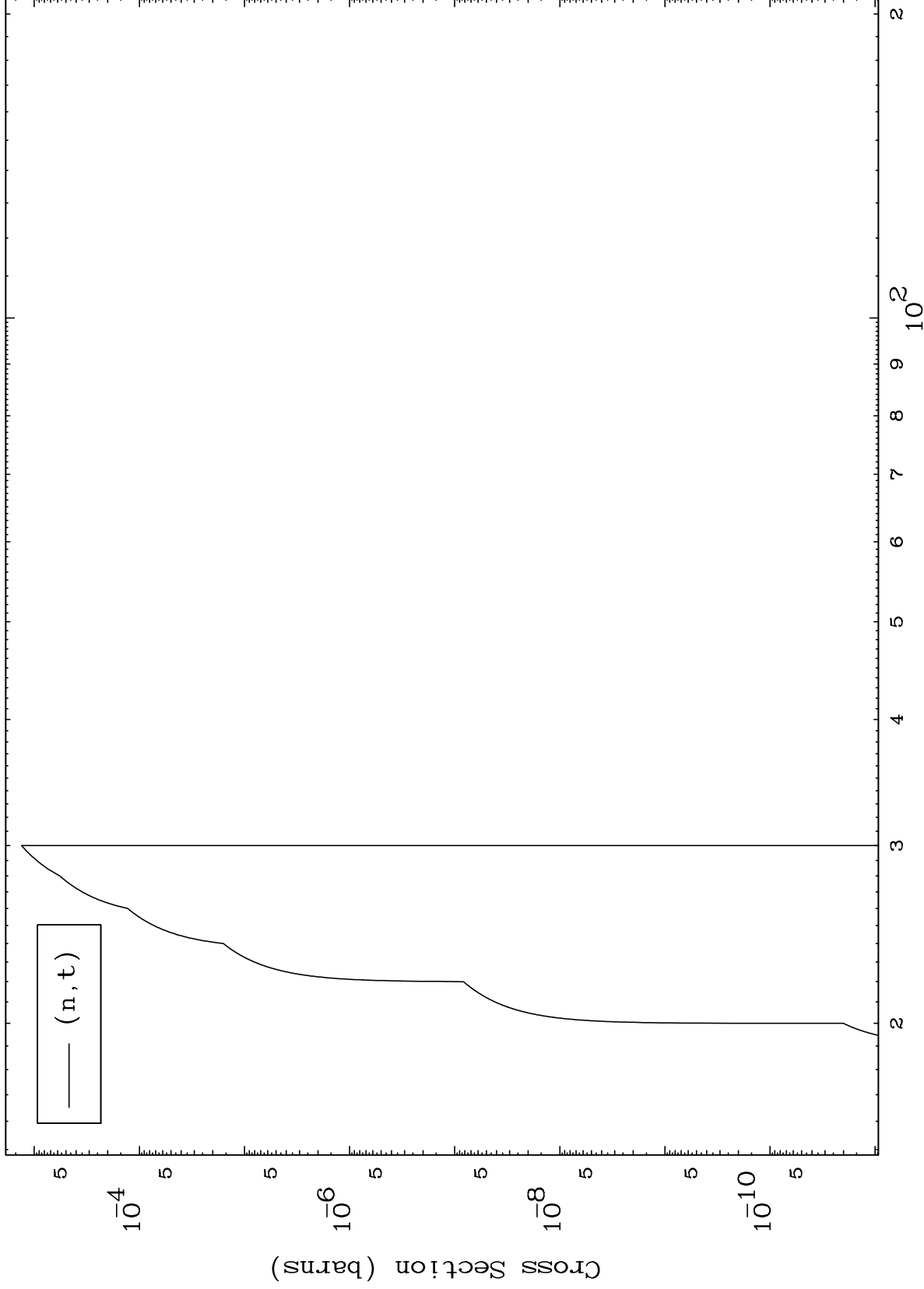
55-Cs-122m

Incident Energy (MeV)

MAT 5493

(α, t) Levels
0 Kelvin Cross Sections

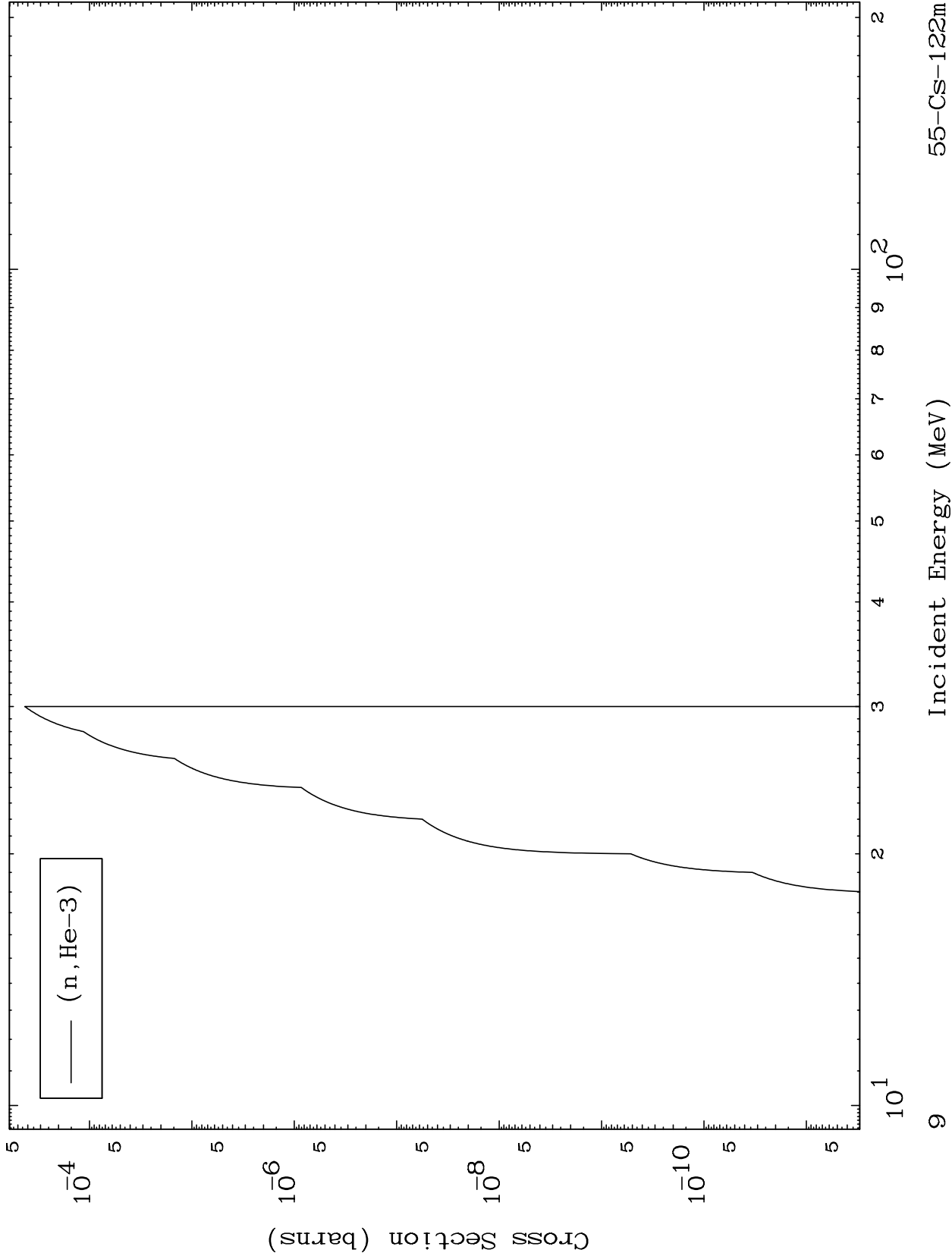
55-Cs-122m



MAT 5493

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

55-Cs-122m



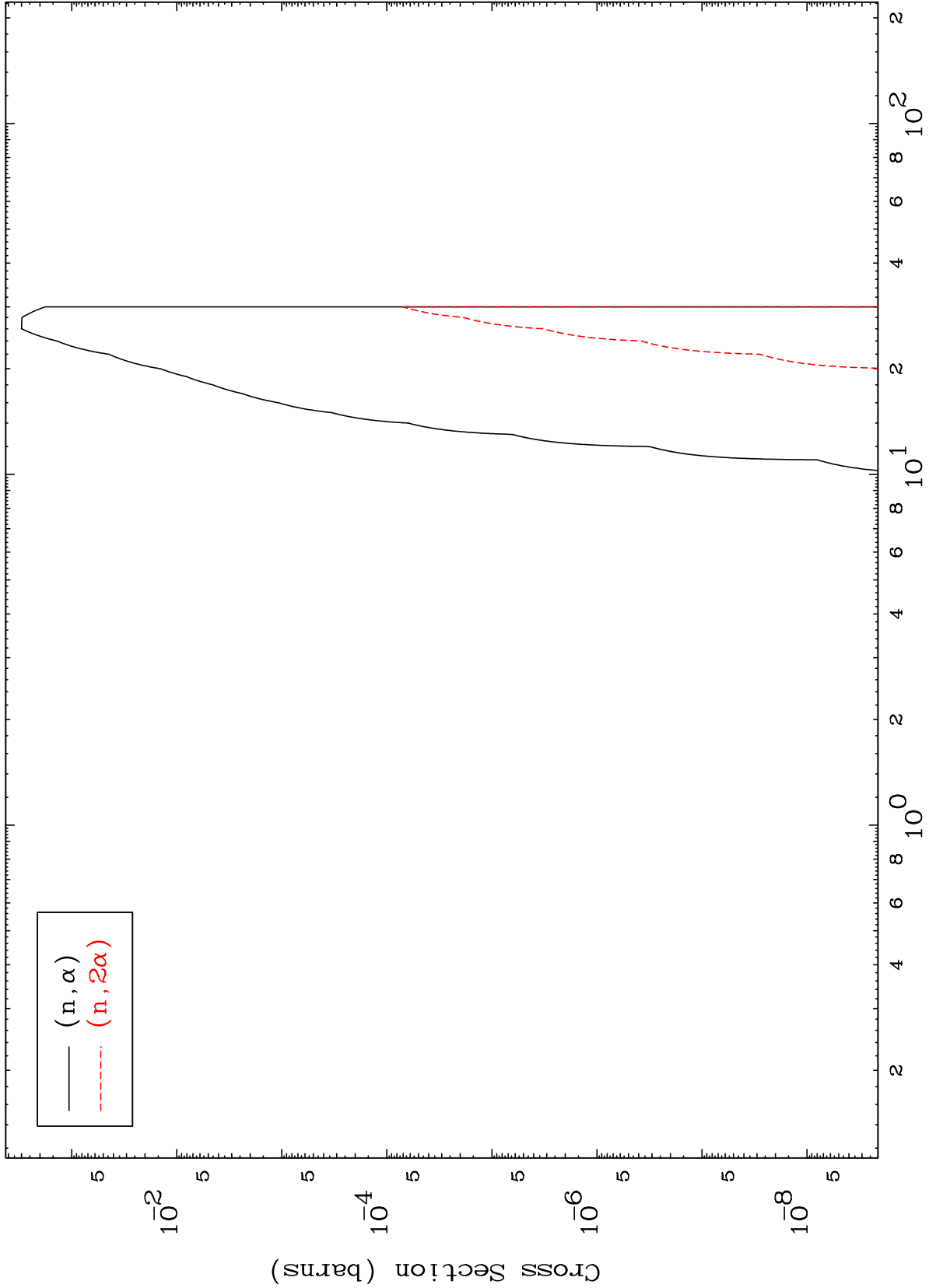
55-Cs-122m

MAT 5493

(α, α) Levels

55-Cs-122m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

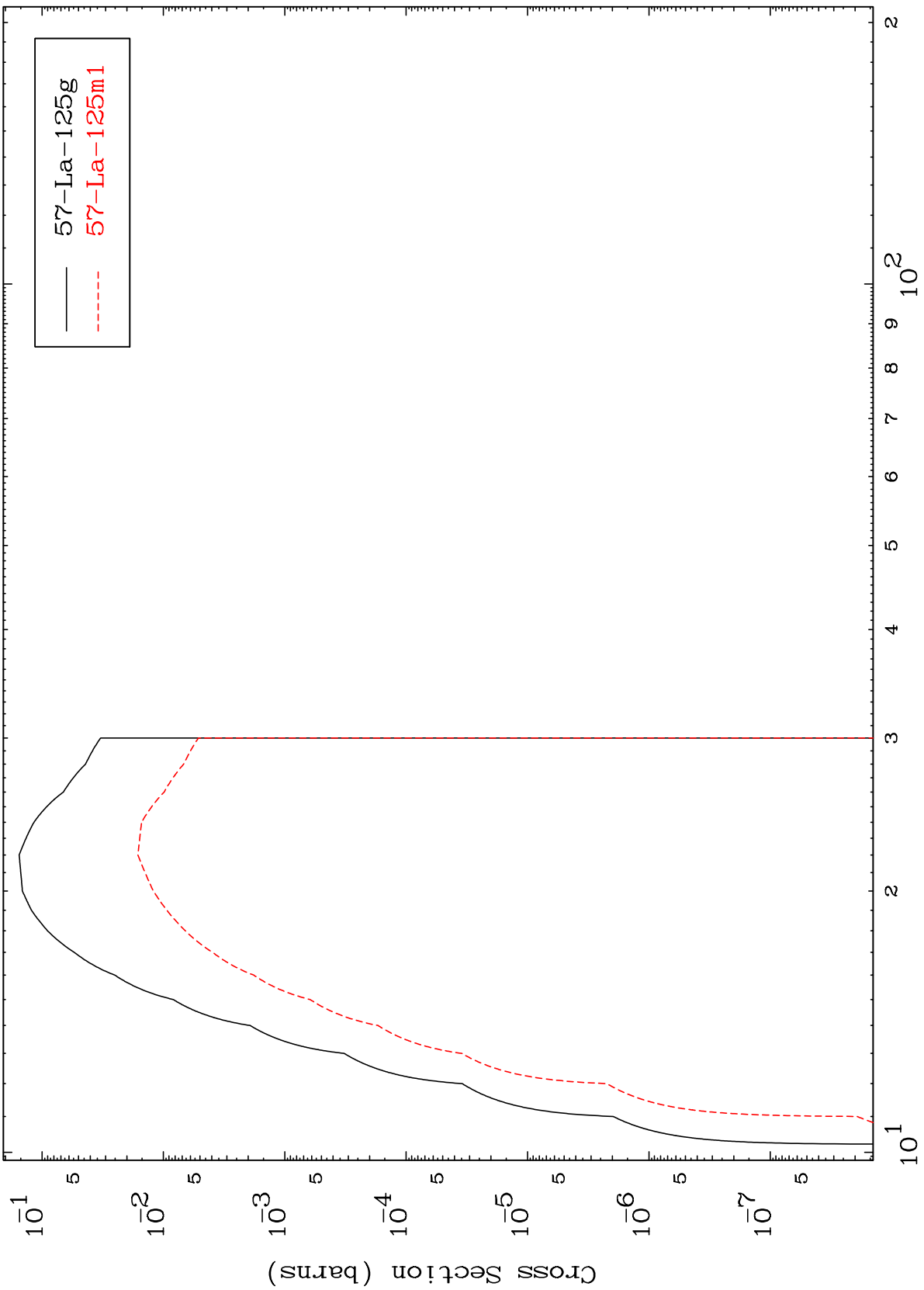
Incident Energy (MeV)

55-Cs-122m

MAT 5493

55-Cs-122m

Inelastic
Radionuclide Production Cross Section



55-Cs-122m

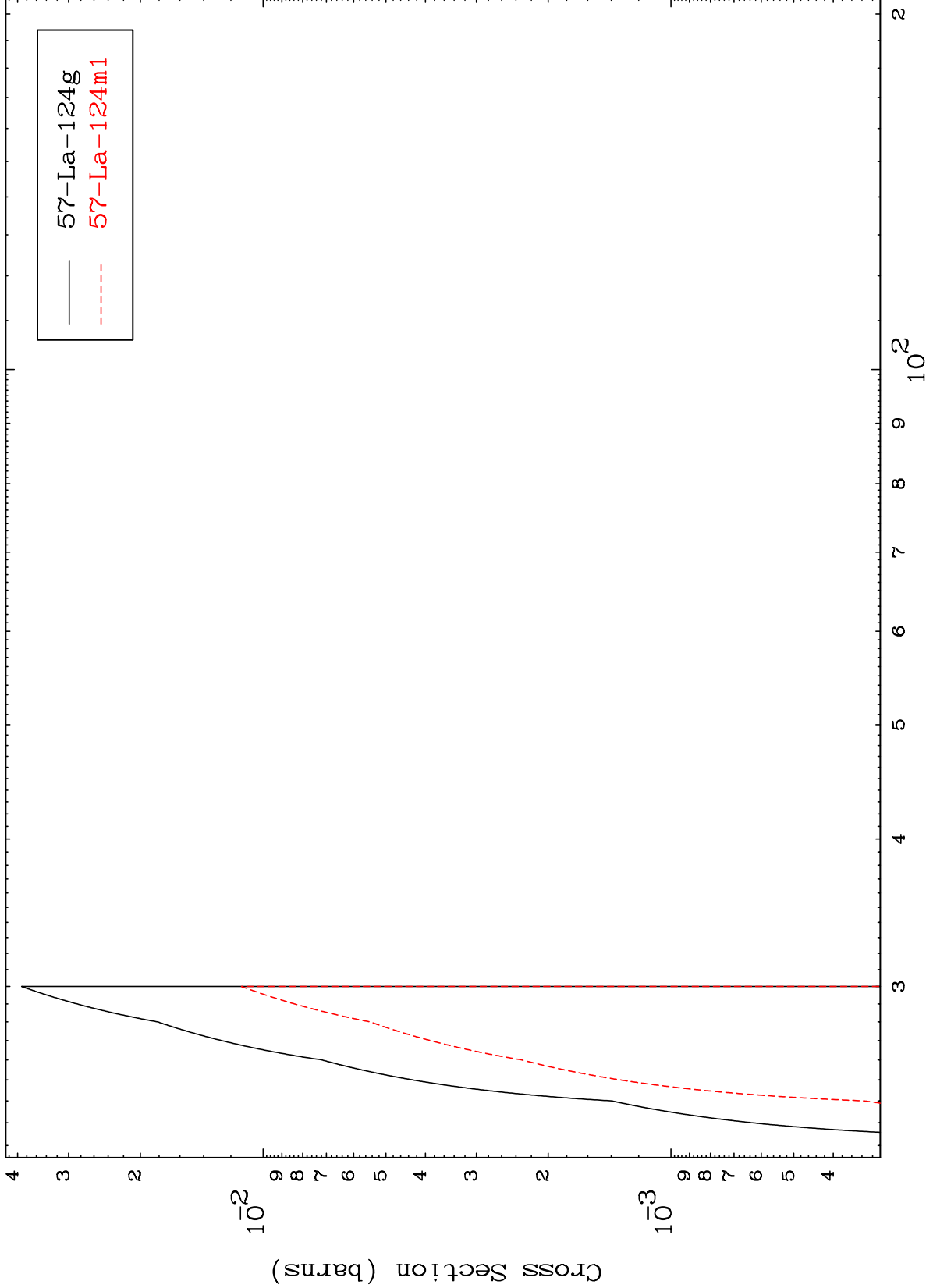
Incident Energy (MeV)

11

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55-Cs-122m

(n,2n)
Radionuclide Production Cross Section



12

55-Cs-122m

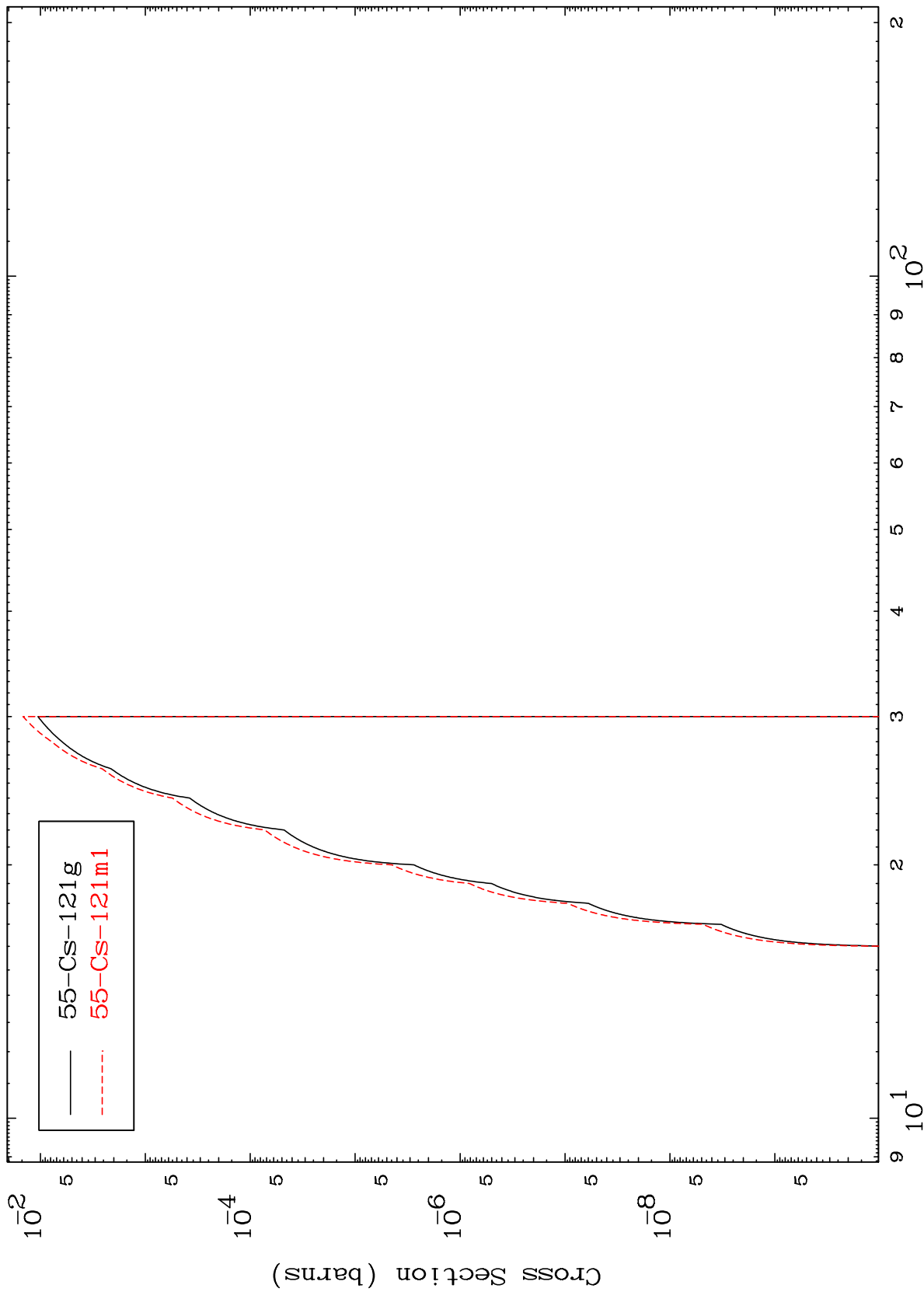
Incident Energy (MeV)

MAT 5493

(n,n') α

55-Cs-122m

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

13

Incident Energy (MeV)

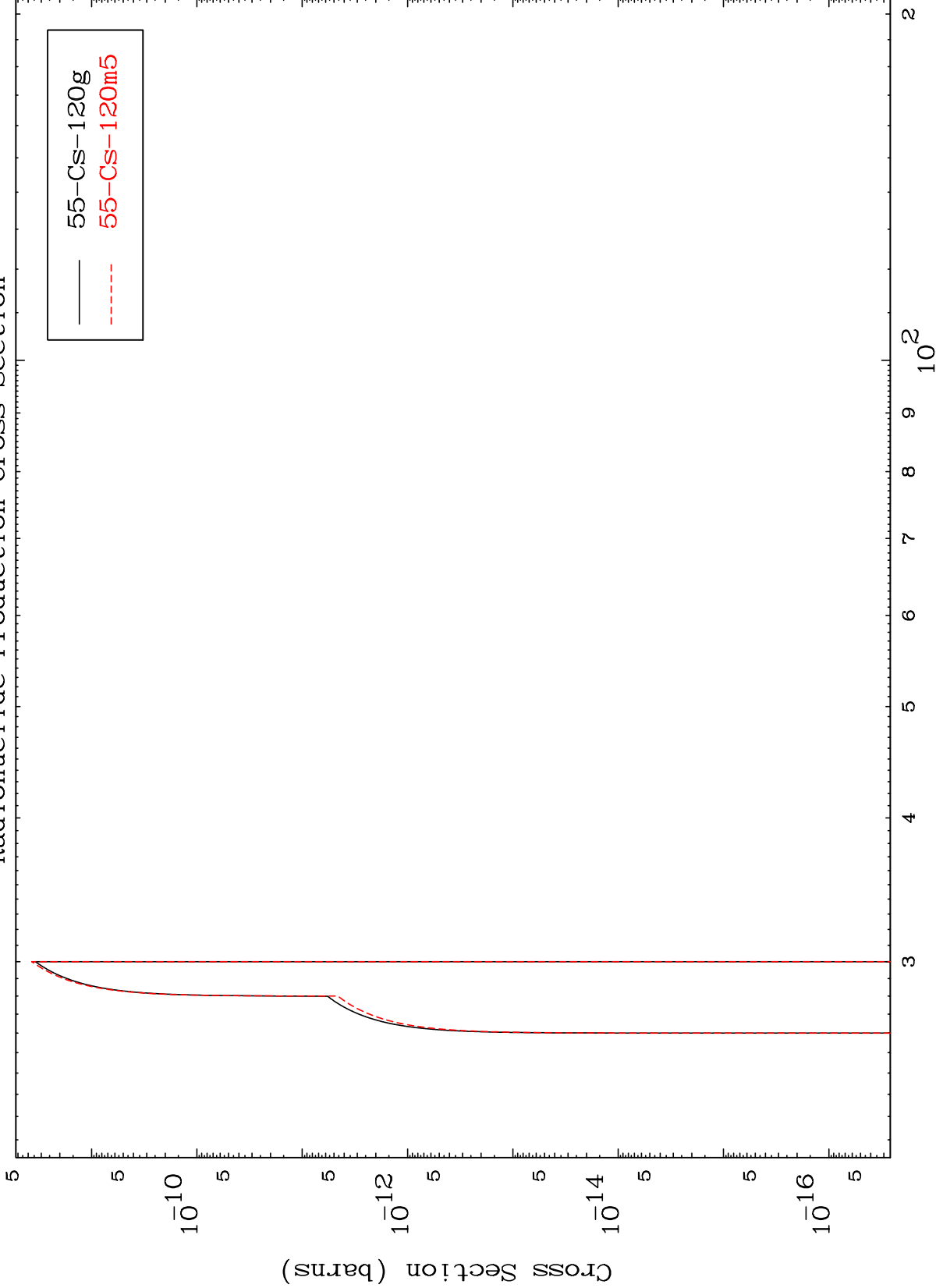
55-Cs-122m

MAT 5493

$(n,2n) \alpha$

55-Cs-122m

Radionuclide Production Cross Section



14

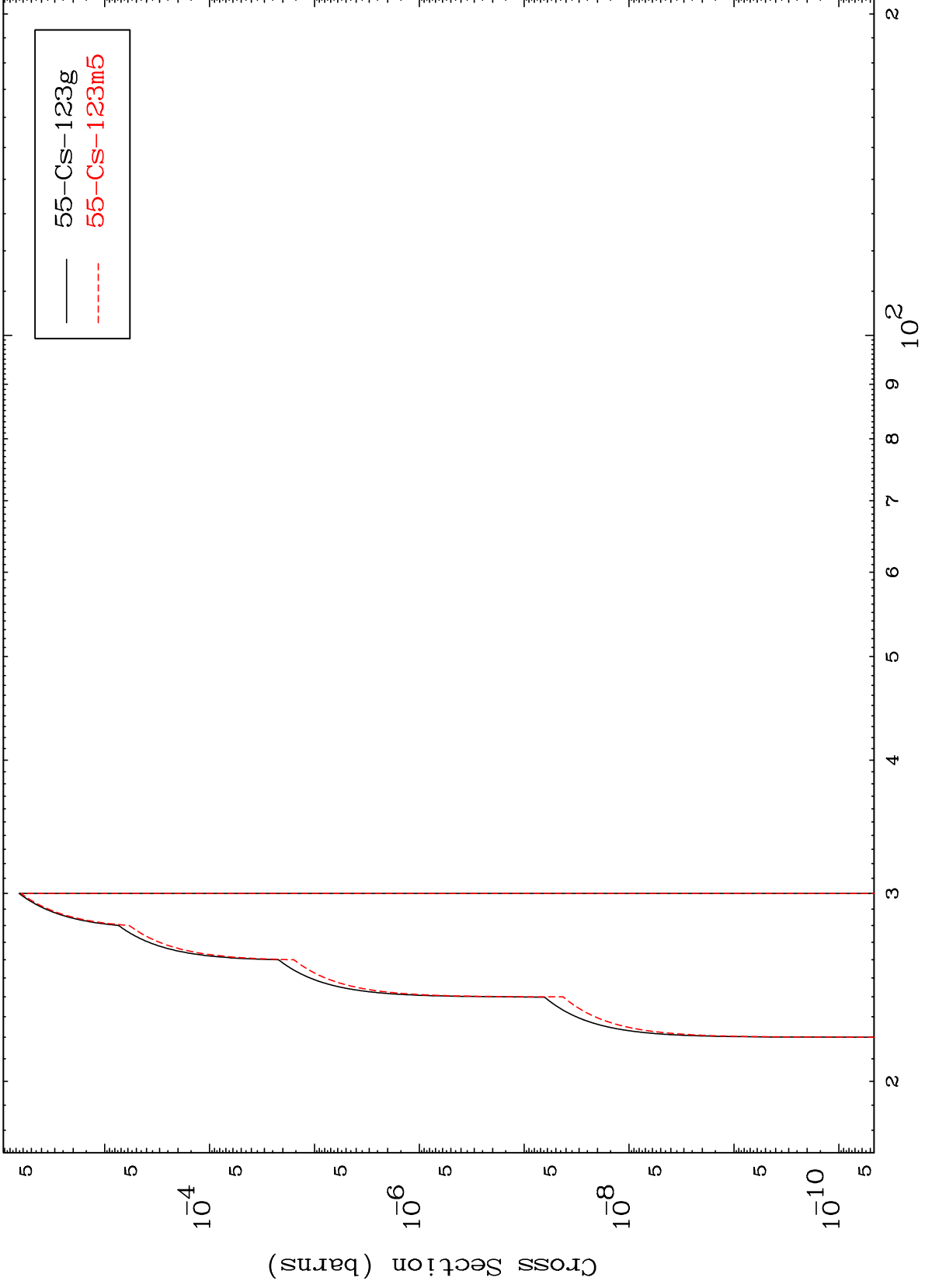
Incident Energy (MeV)

55-Cs-122m

MAT 5493

55-Cs-122m

(n,2n) p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

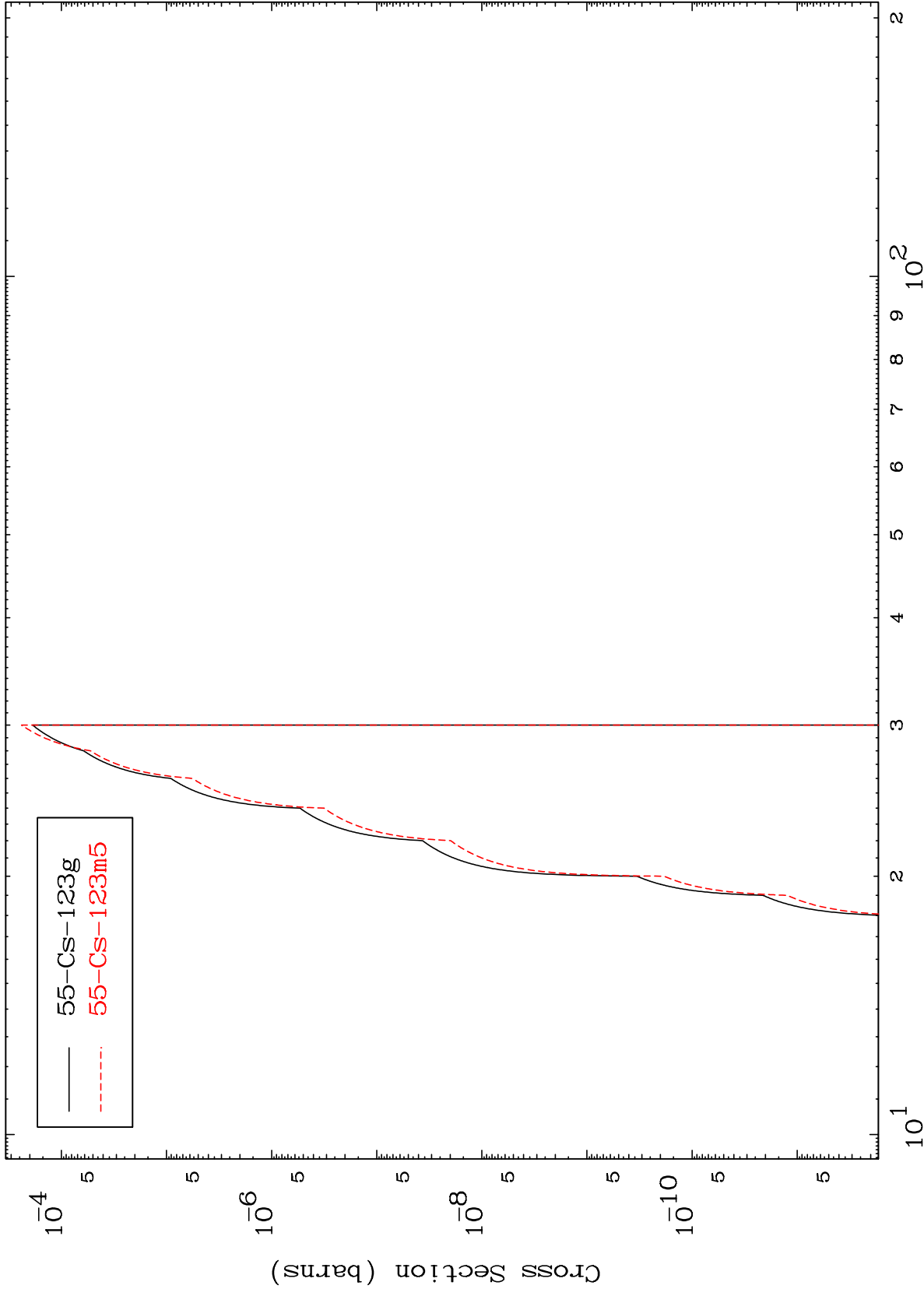
55-Cs-122m

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(n,He-3)

55-Cs-122m

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

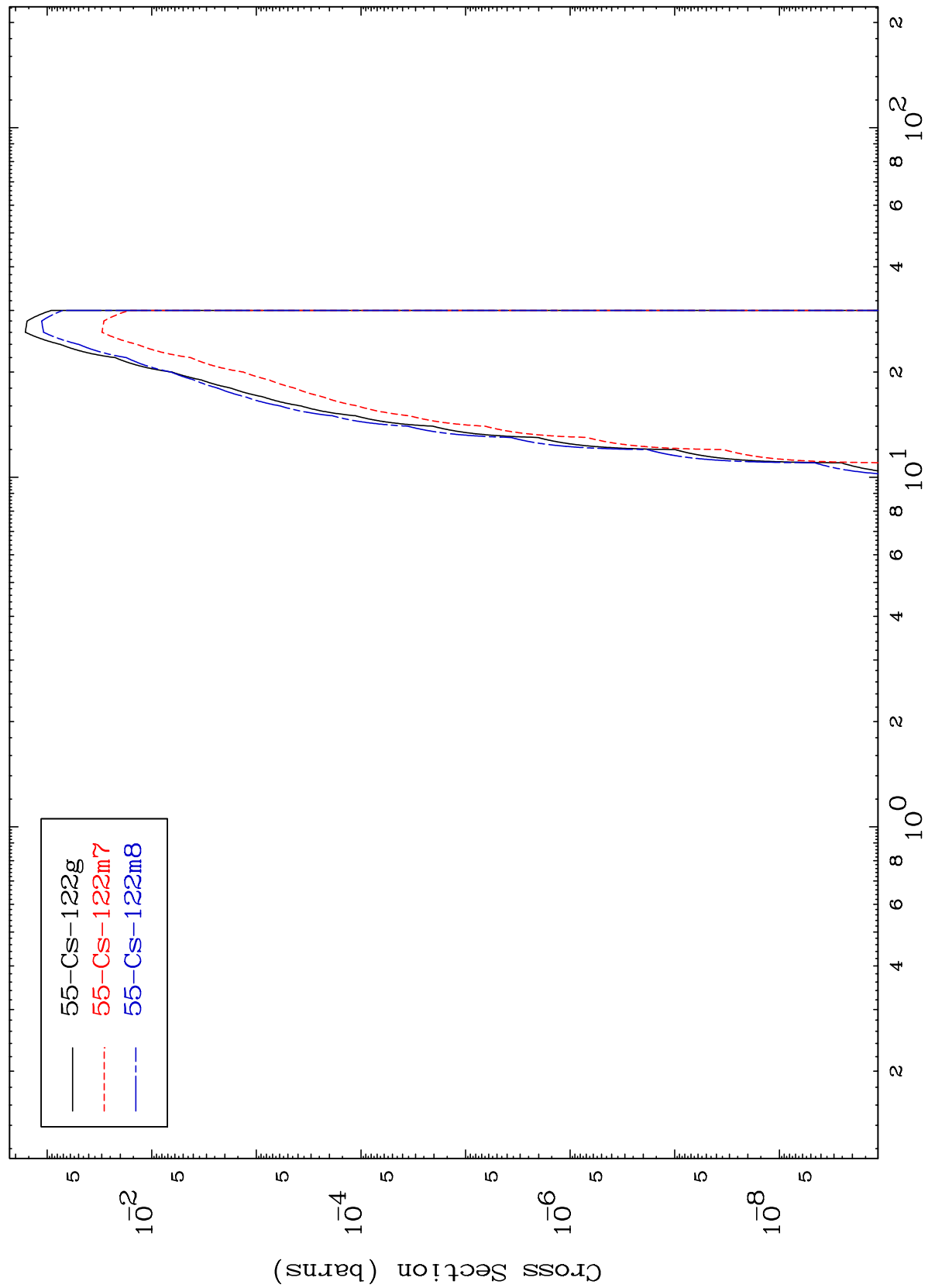
Incident Energy (MeV)

55-Cs-122m

MAT 5493

55-Cs-122m

Radionuclide Production Cross Section
(n, α)



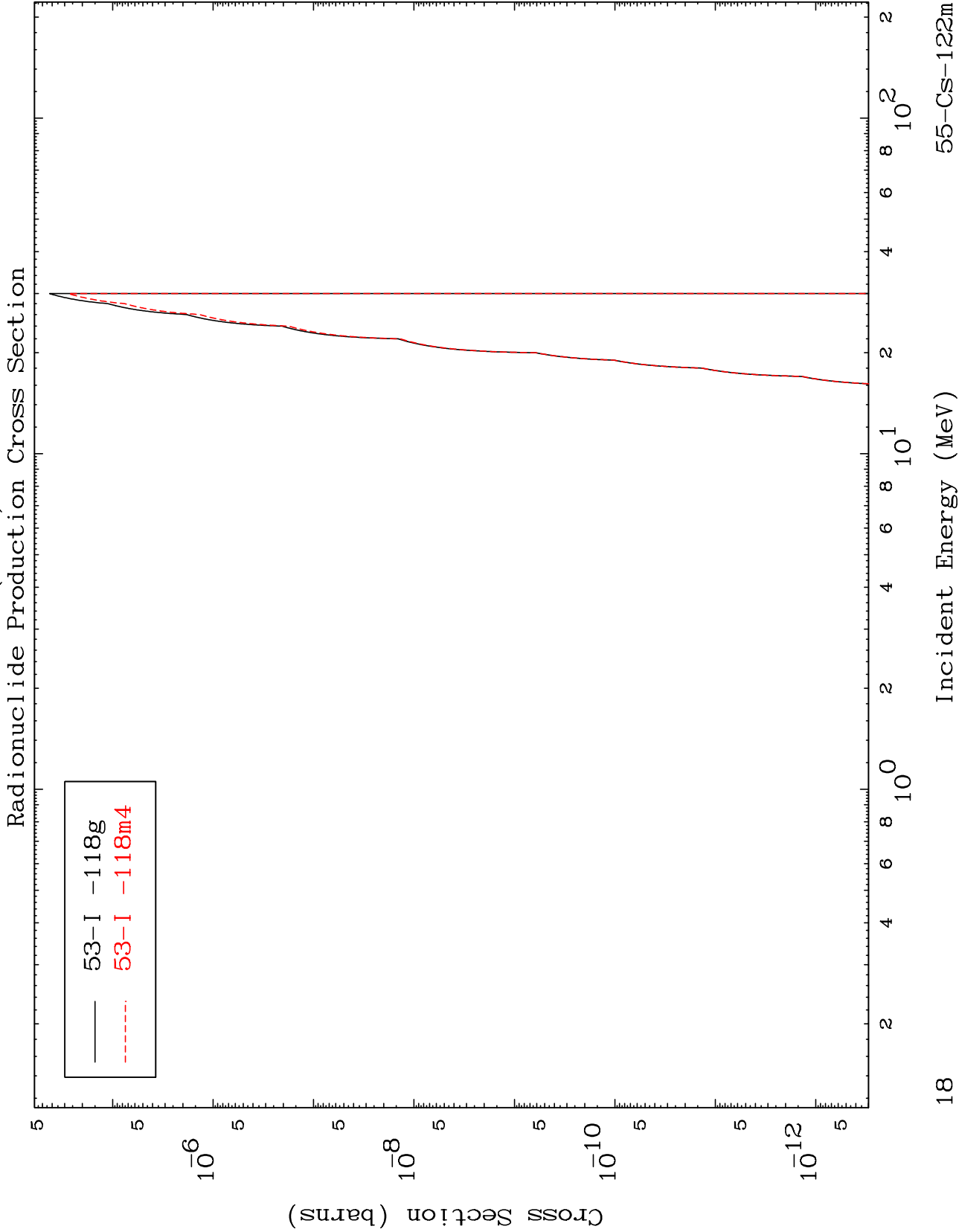
55-Cs-122m

Incident Energy (MeV)

MAT 5493

(n,2α)

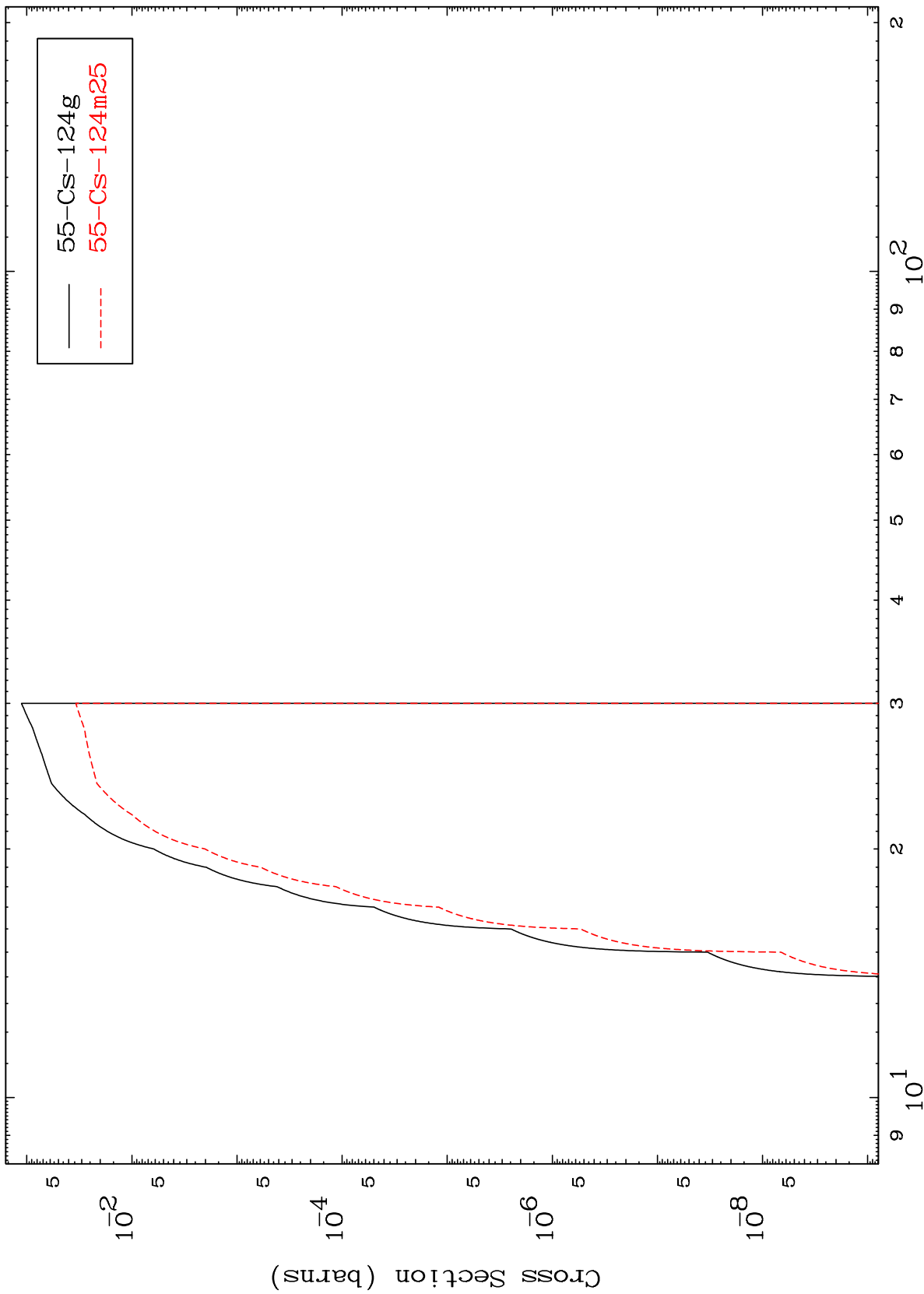
55-Cs-122m



MAT 5493

55-Cs-122m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

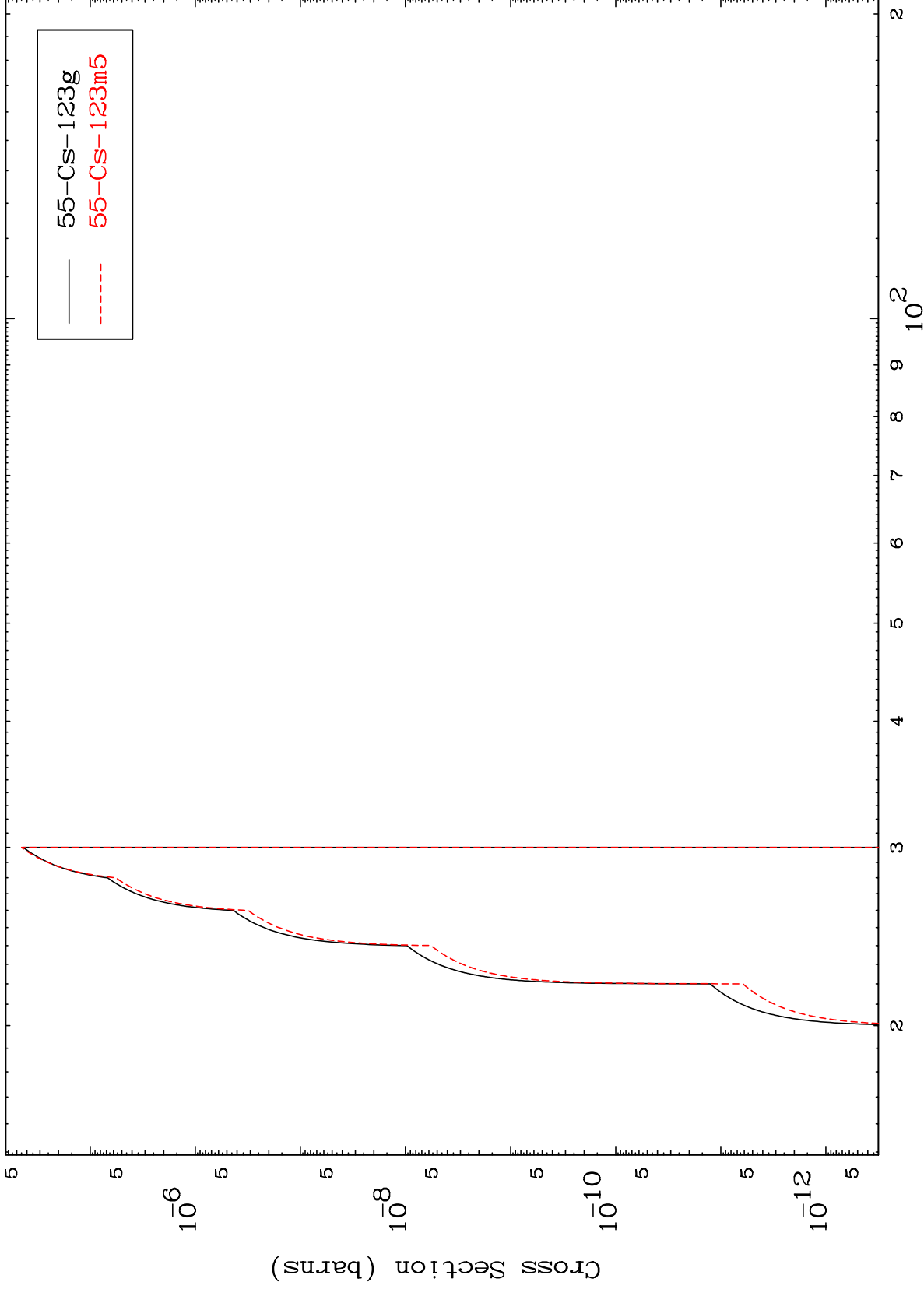
55-Cs-122m

MAT 5493

(n,p) d

55-Cs-122m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

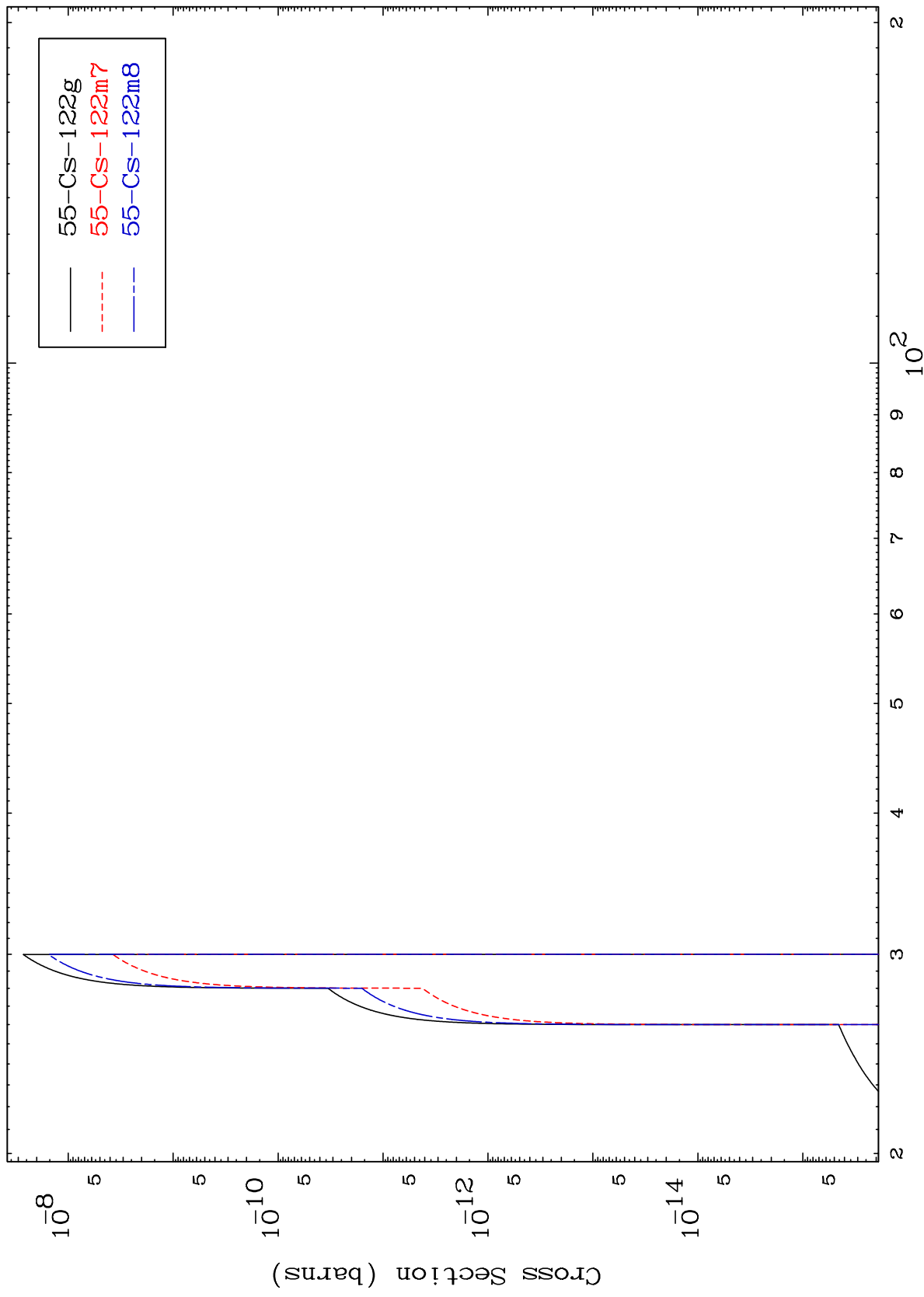
55-Cs-122m

MAT 5493

(n,p) t

55-Cs-122m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

55-Cs-122m