

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

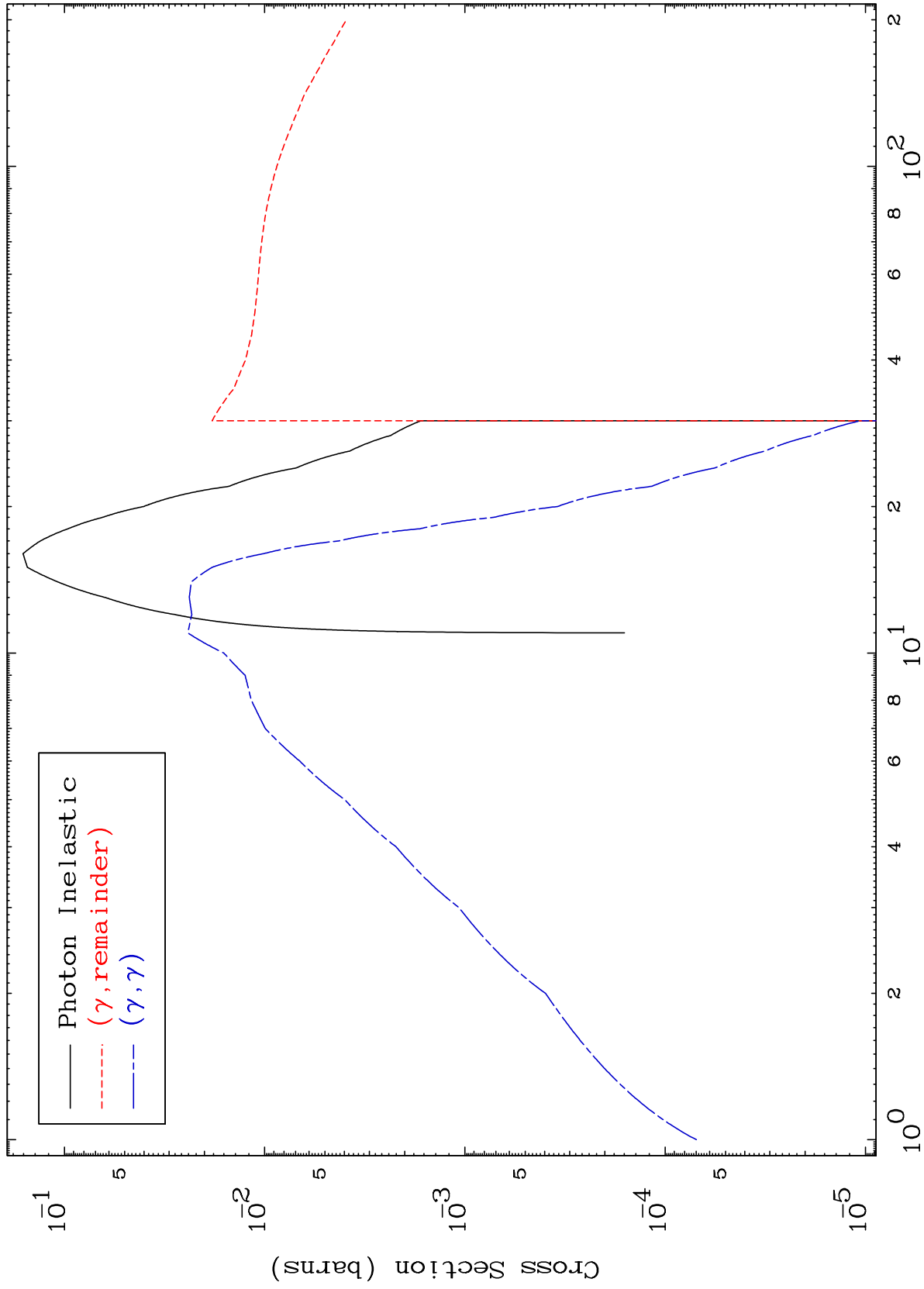
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5495

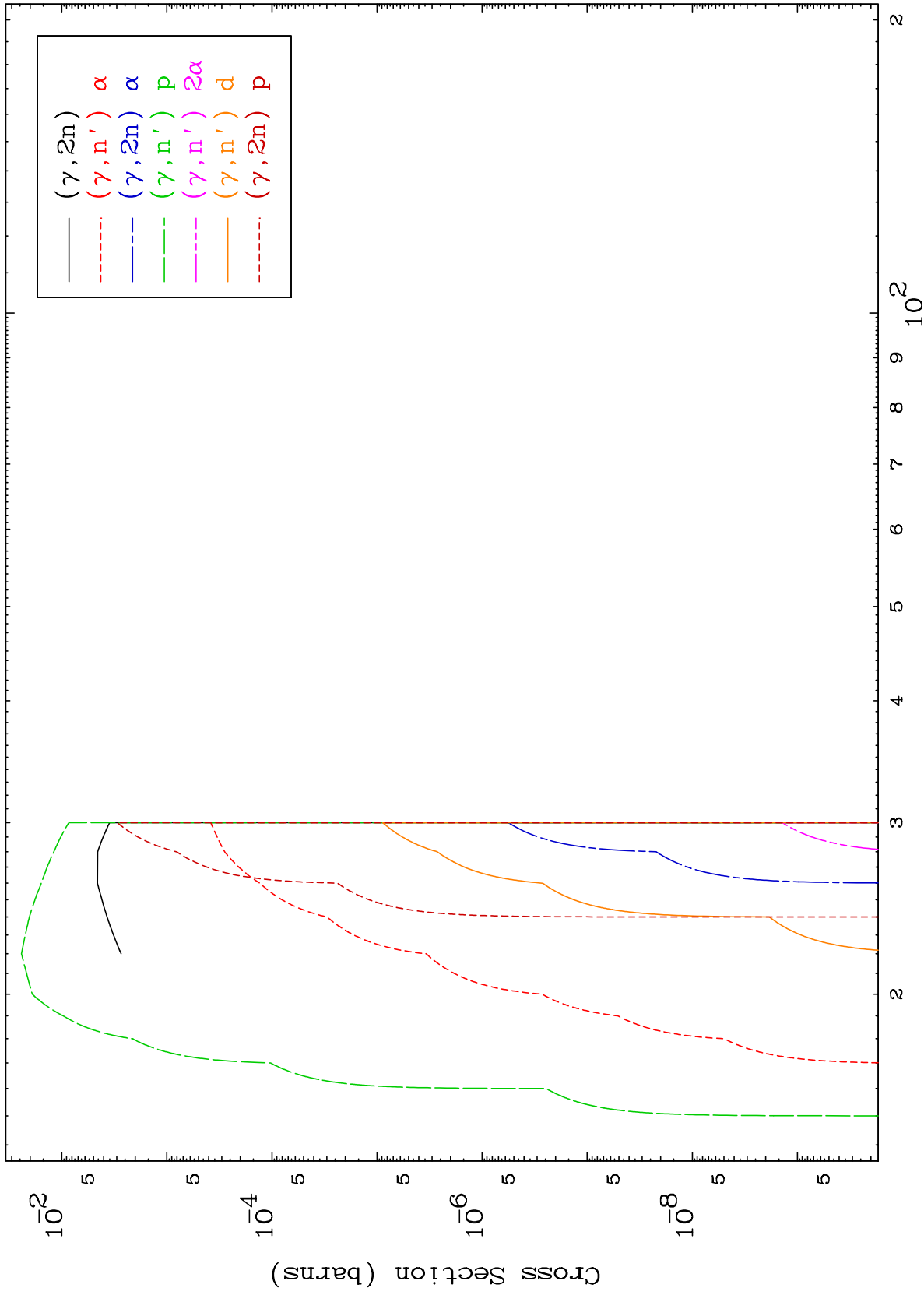
Photon Major
0 Kelvin Cross Sections

55-Cs-123



Incident Energy (MeV)

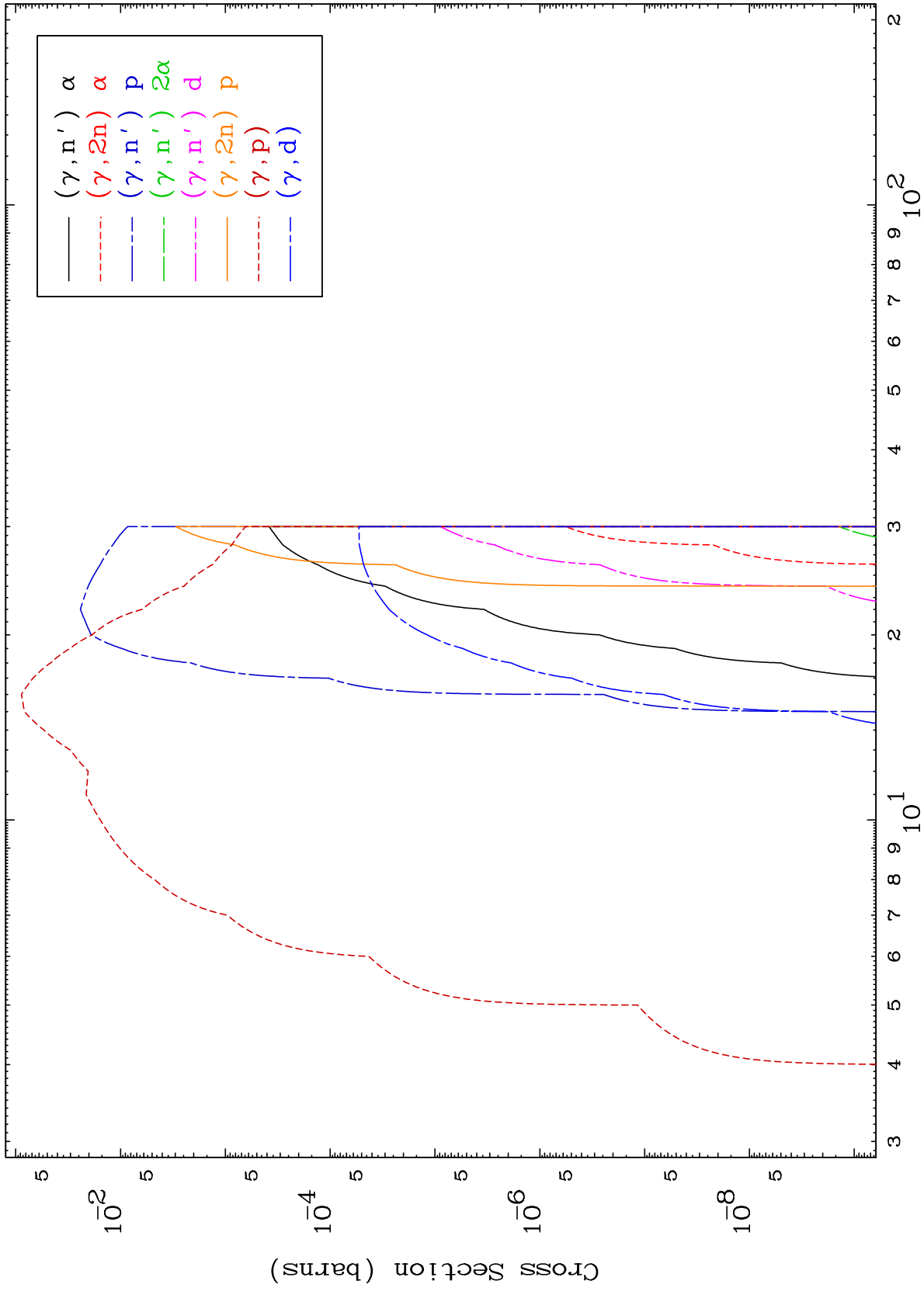
55-Cs-123



MAT 5495

Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-123



3

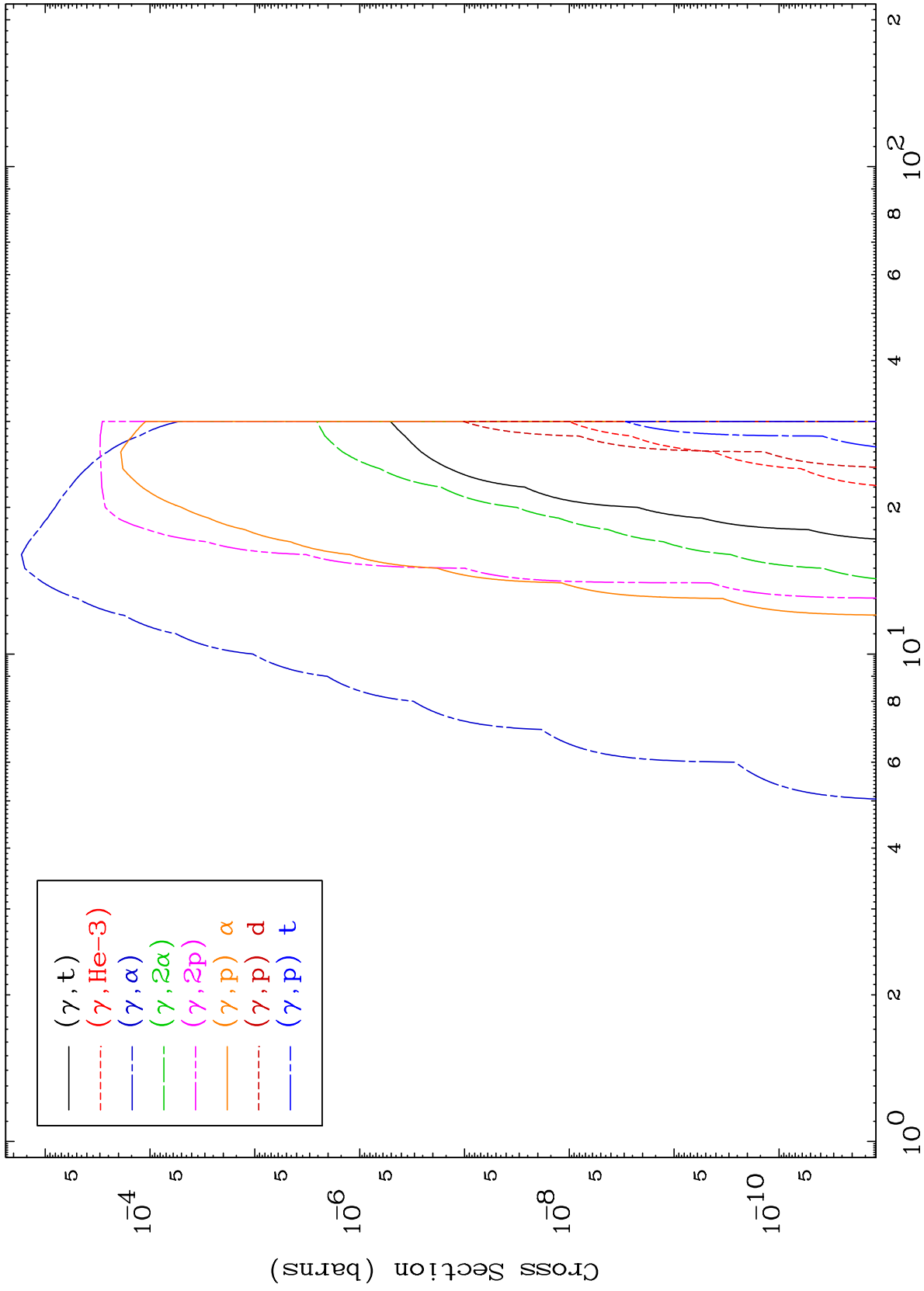
Incident Energy (MeV)

55-Cs-123

MAT 5495

Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-123



55-Cs-123

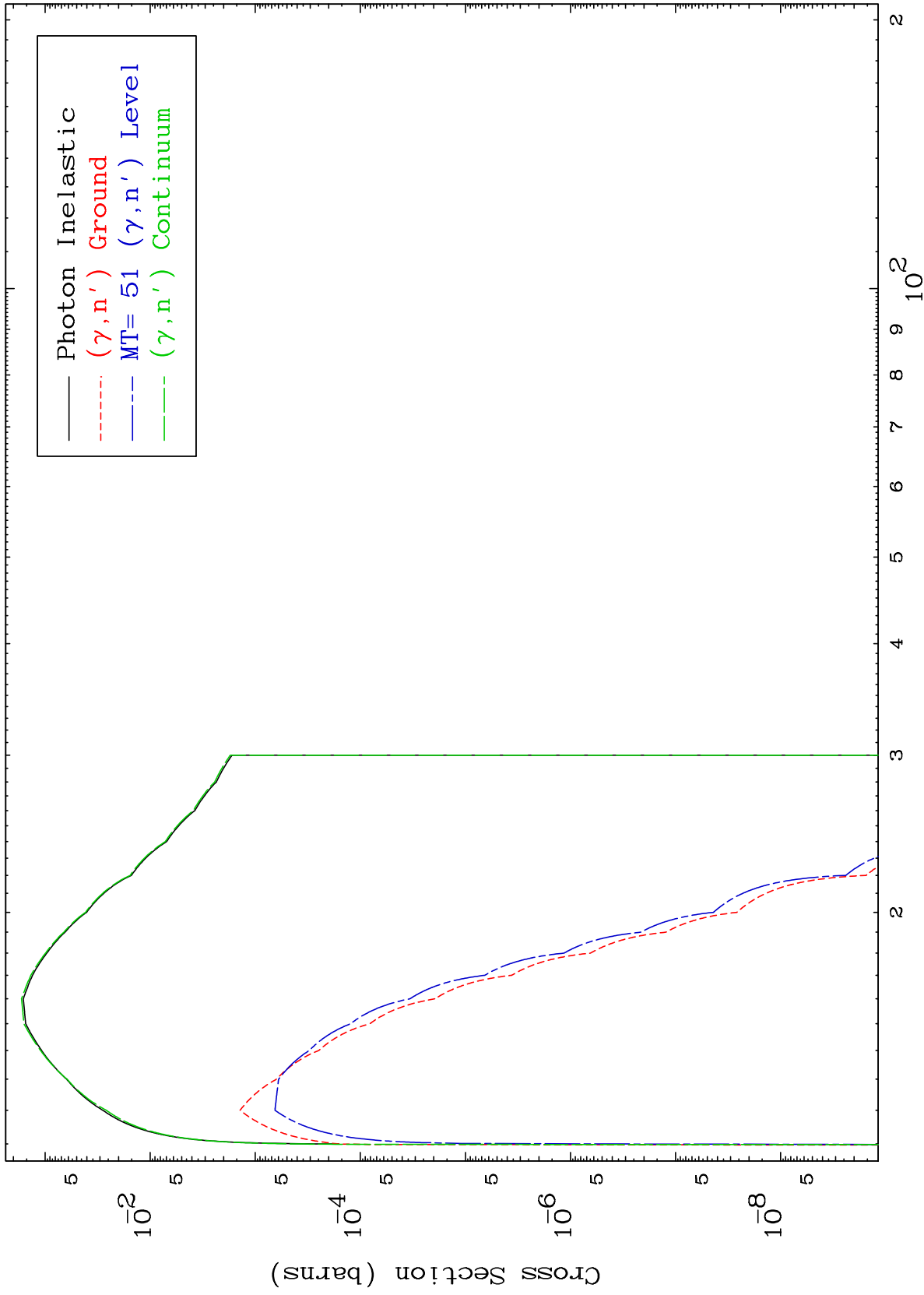
Incident Energy (MeV)

4

MAT 5495

(γ, n') Level
0 Kelvin Cross Sections

55-Cs-123



5

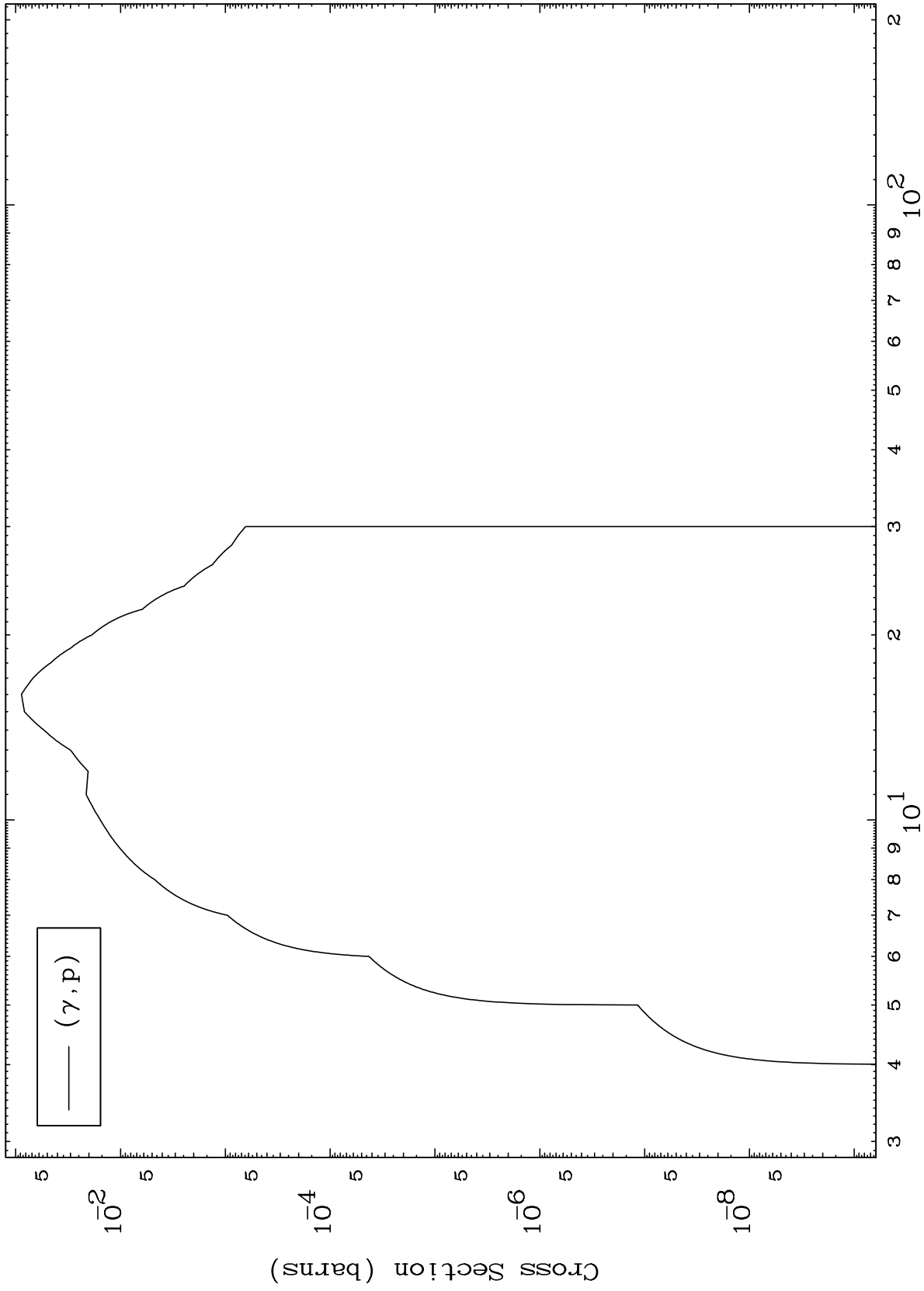
Incident Energy (MeV)

55-Cs-123

MAT 5495

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-123



6

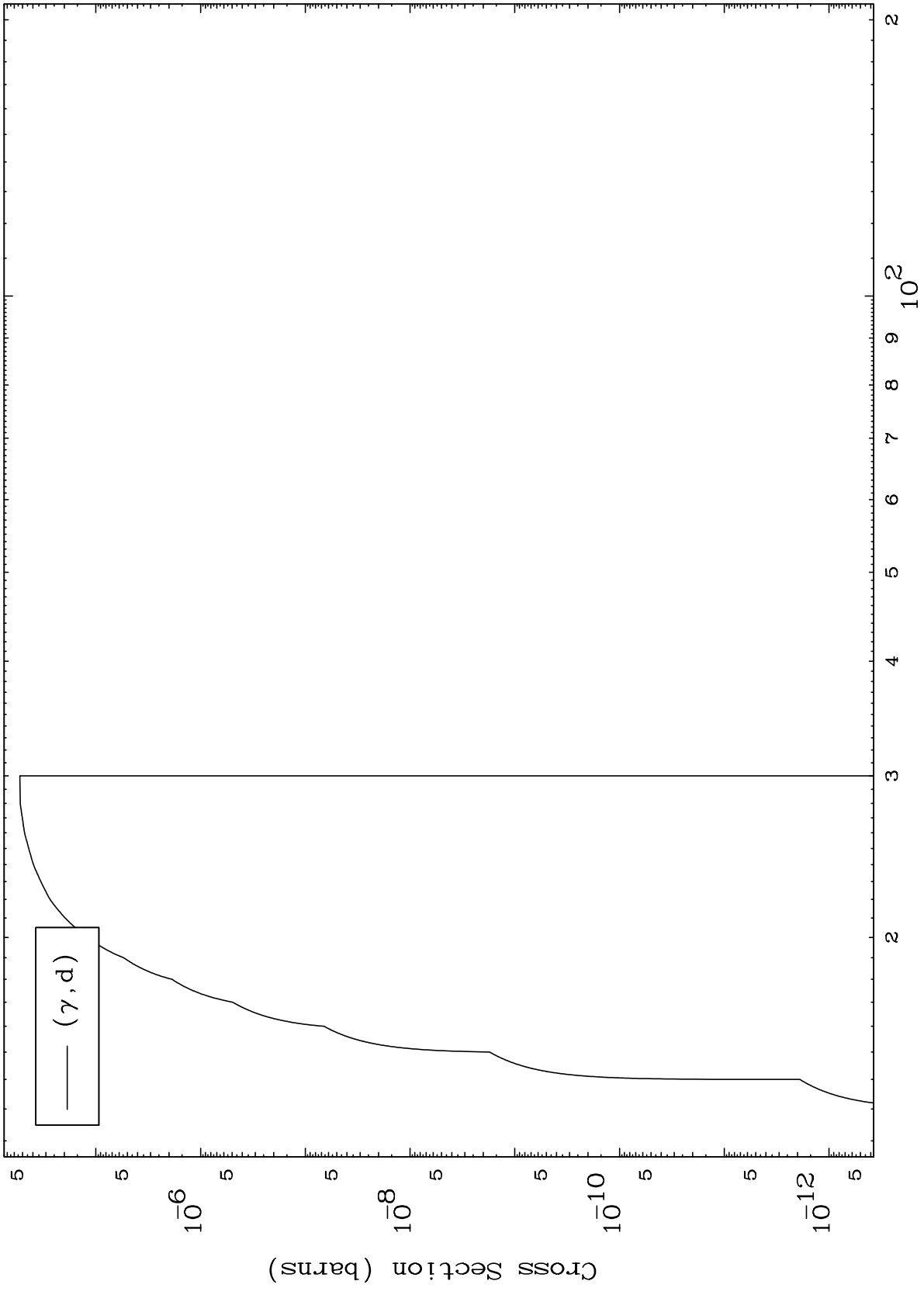
Incident Energy (MeV)

55-Cs-123

MAT 5495

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-123



7

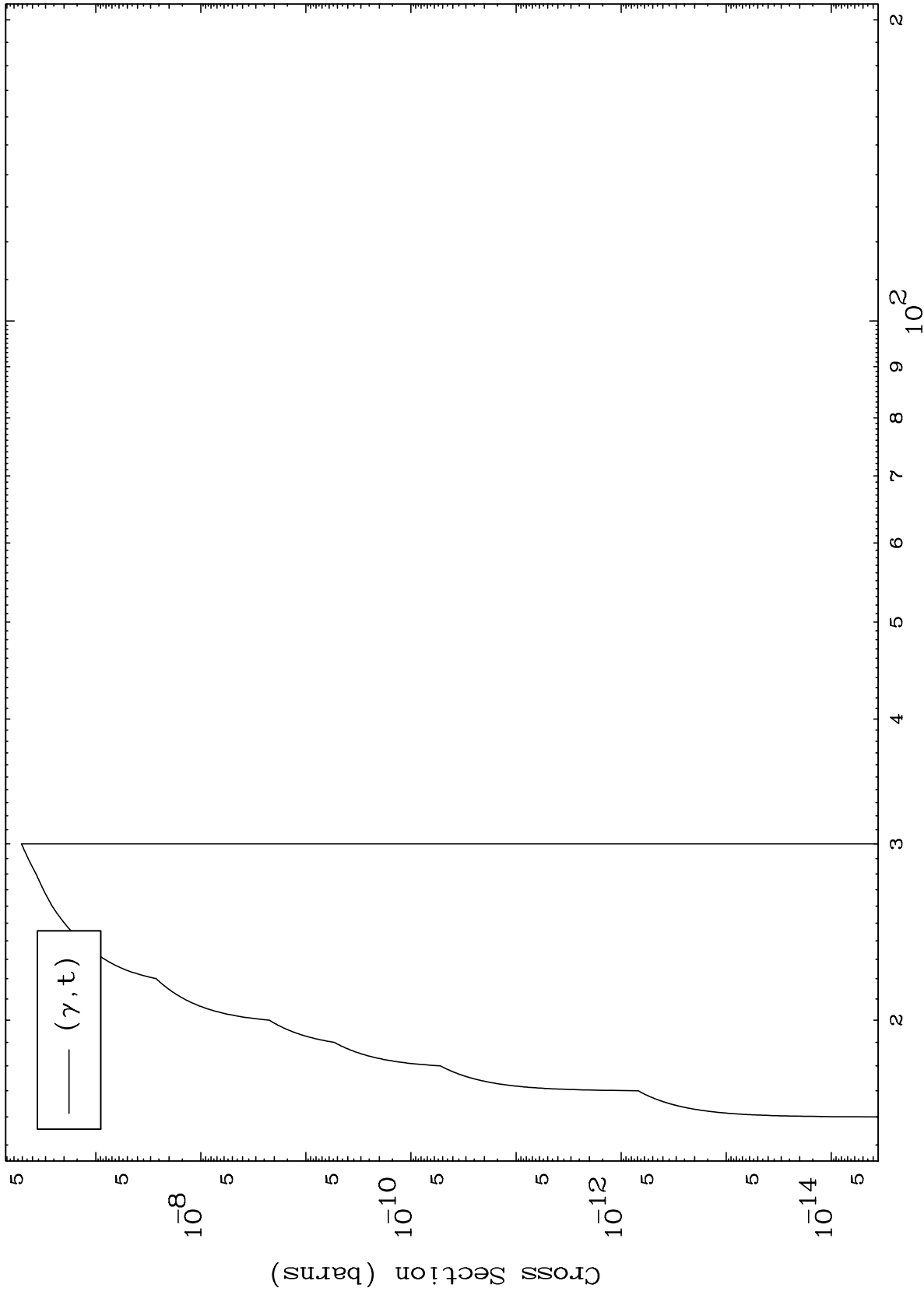
Incident Energy (MeV)

55-Cs-123

MAT 5495

(γ, t) Levels
0 Kelvin Cross Sections

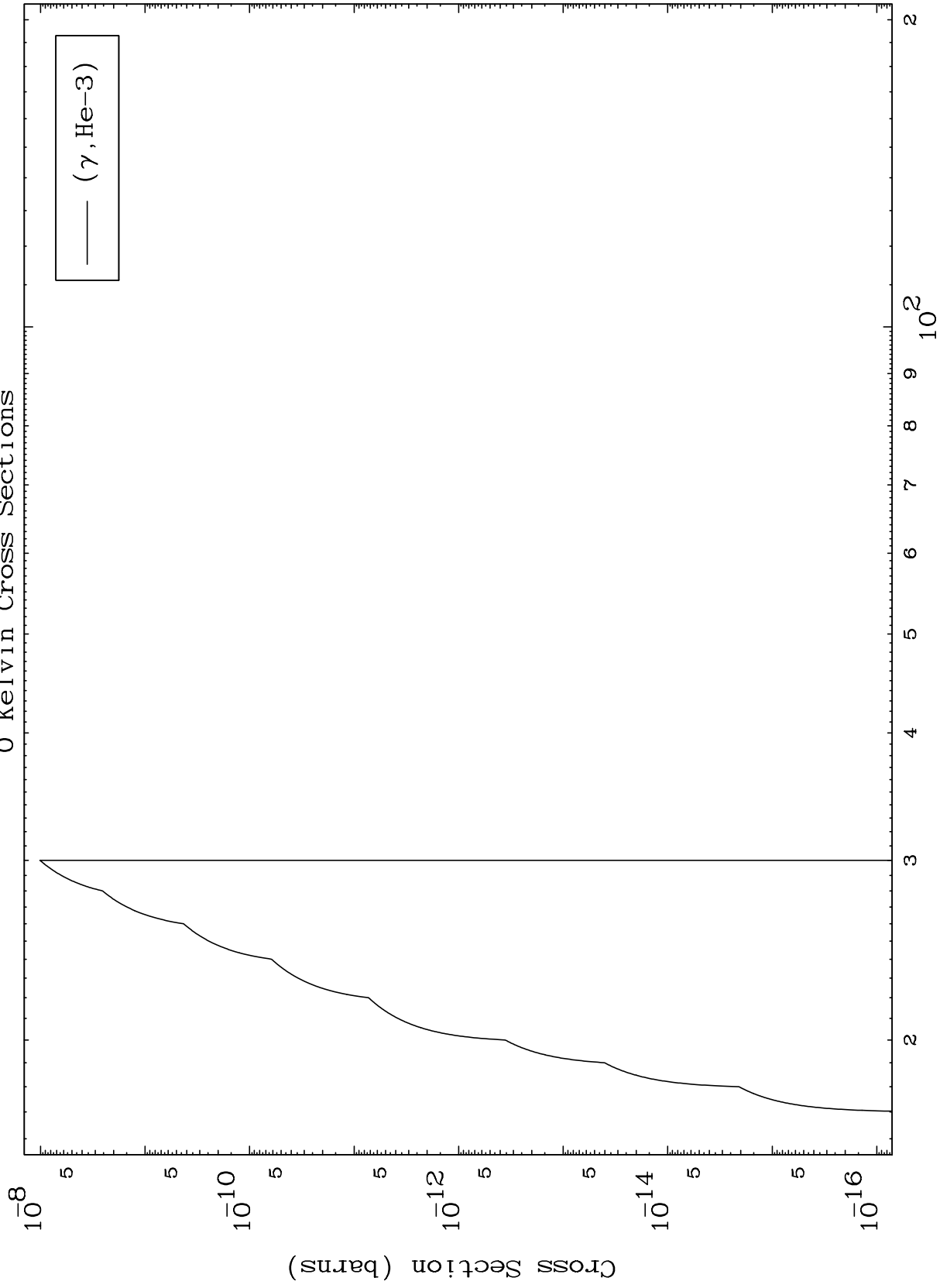
55-Cs-123



8

Incident Energy (MeV)

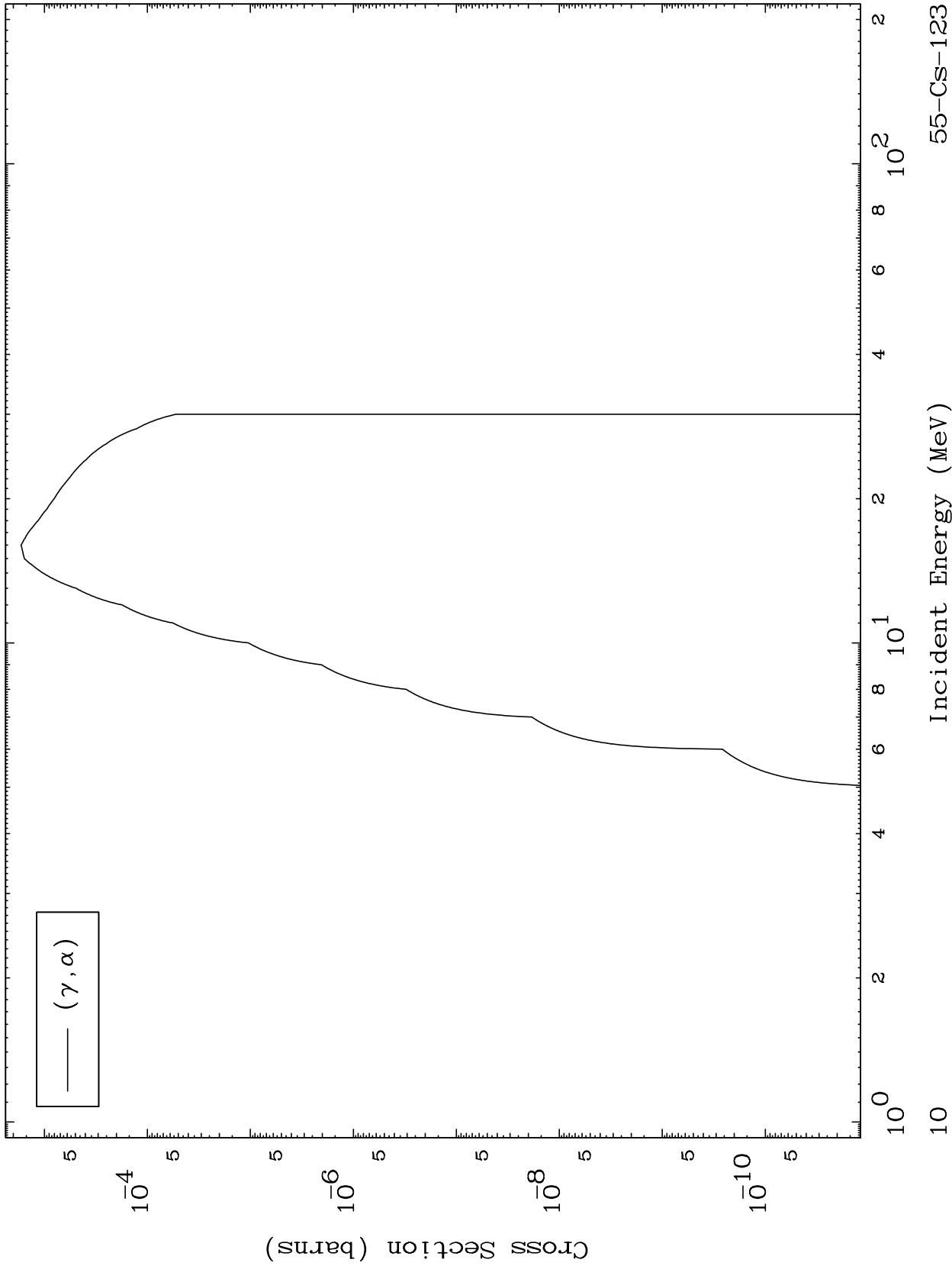
55-Cs-123



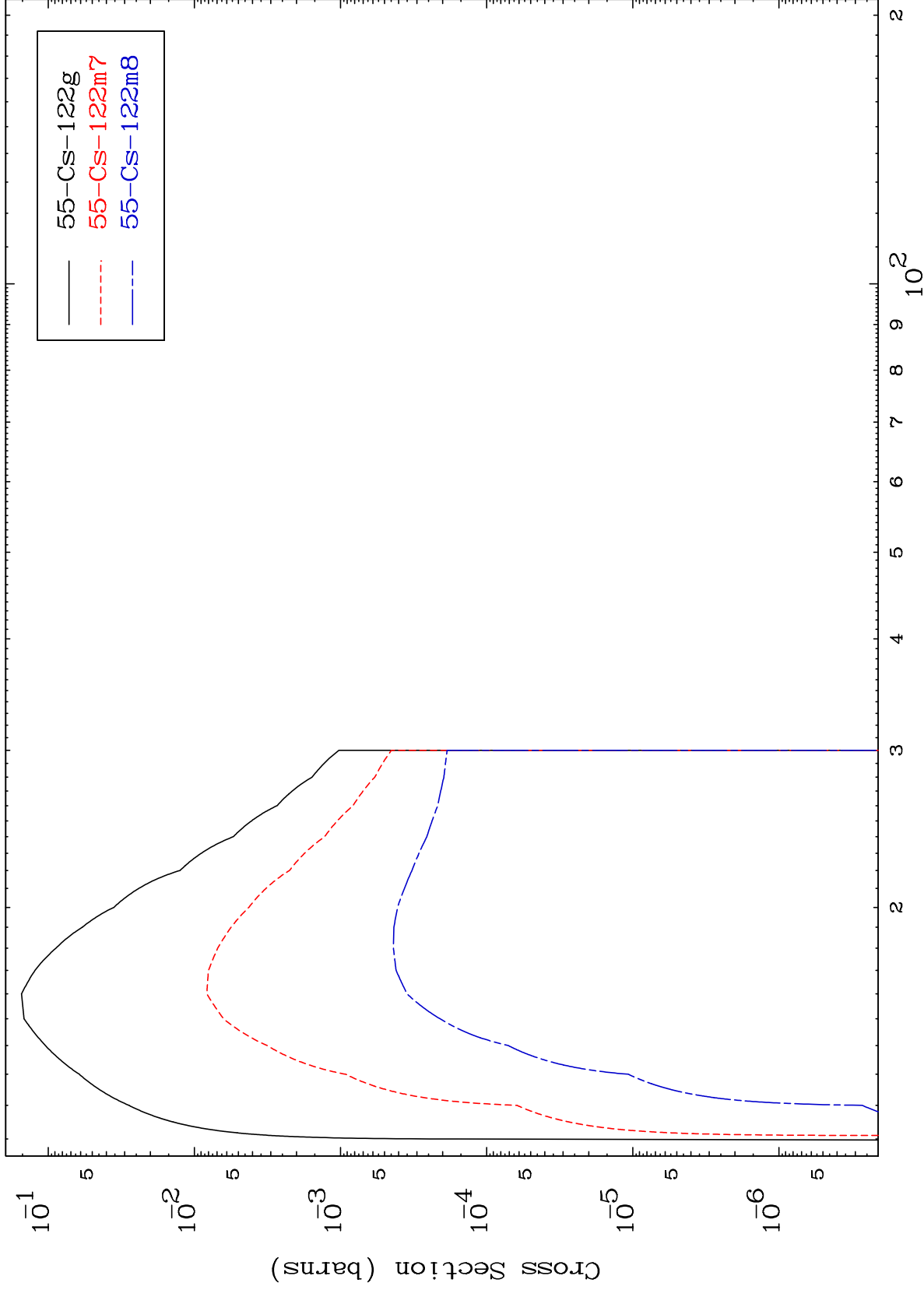
MAT 5495

(γ, α) Levels
0 Kelvin Cross Sections

55-Cs-123



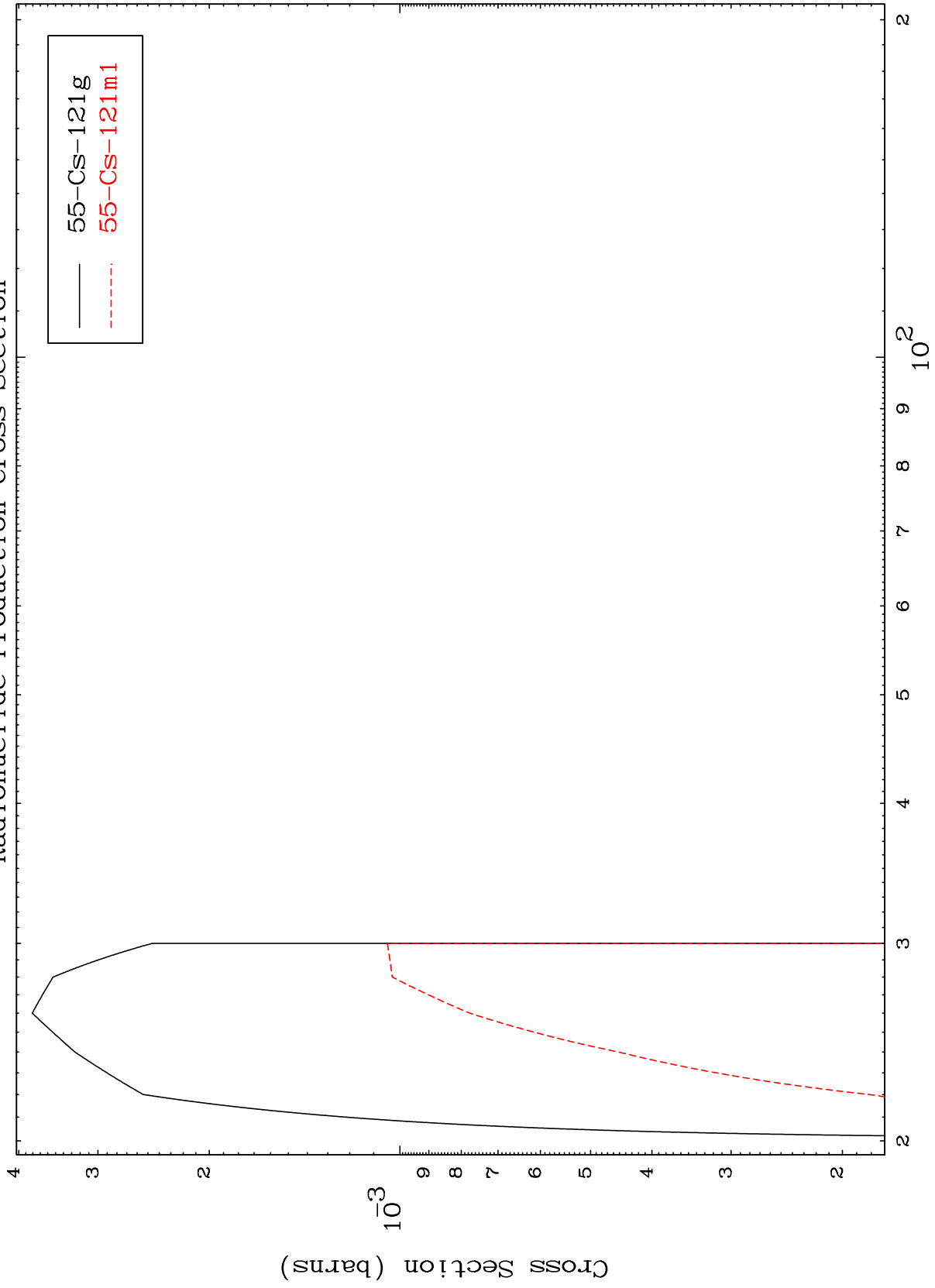
55-Cs-123



MAT 5495

55-Cs-123

($\gamma, 2n$)
Radionuclide Production Cross Section



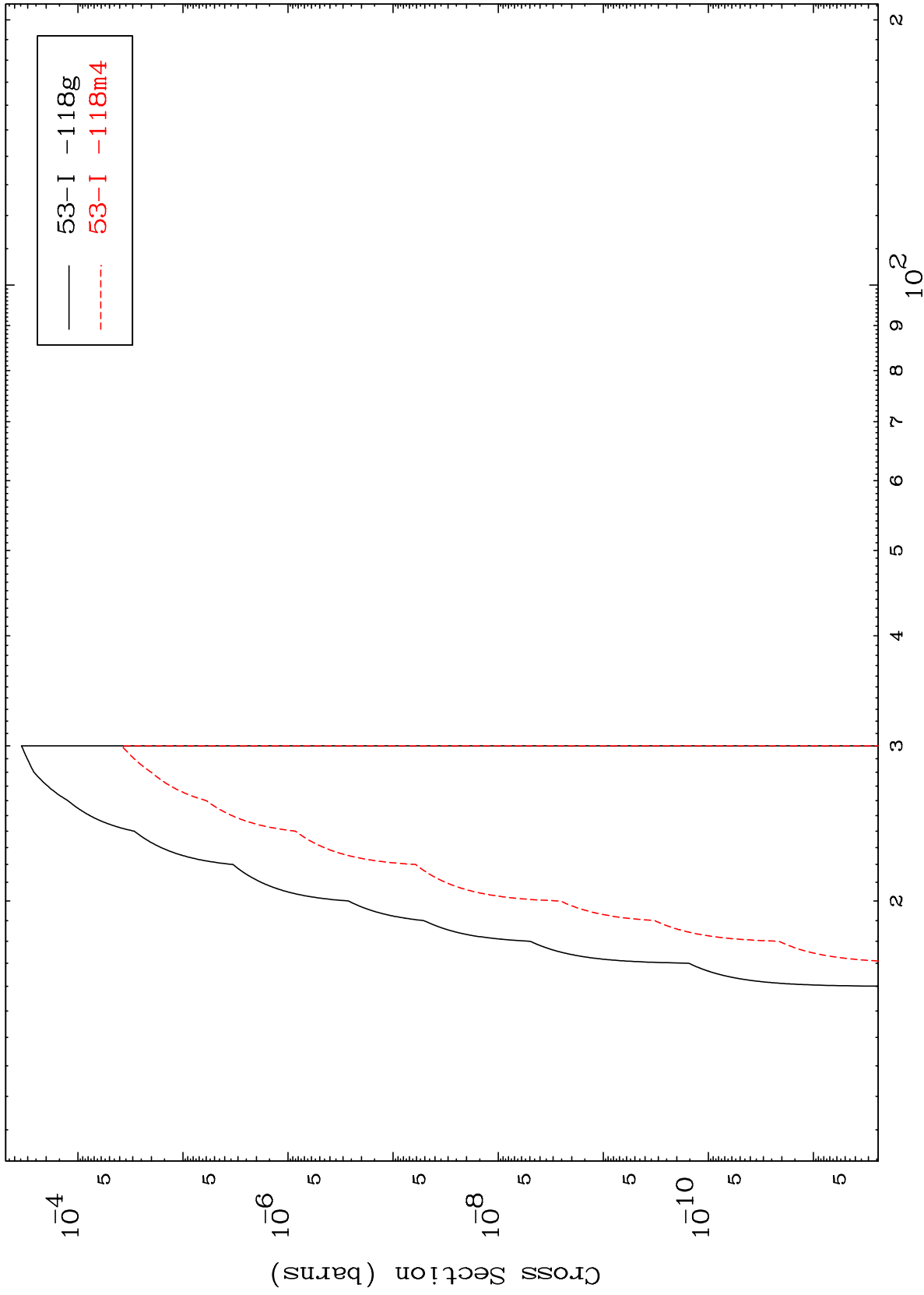
12

55-Cs-123

MAT 5495

55-Cs-123

(γ, n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

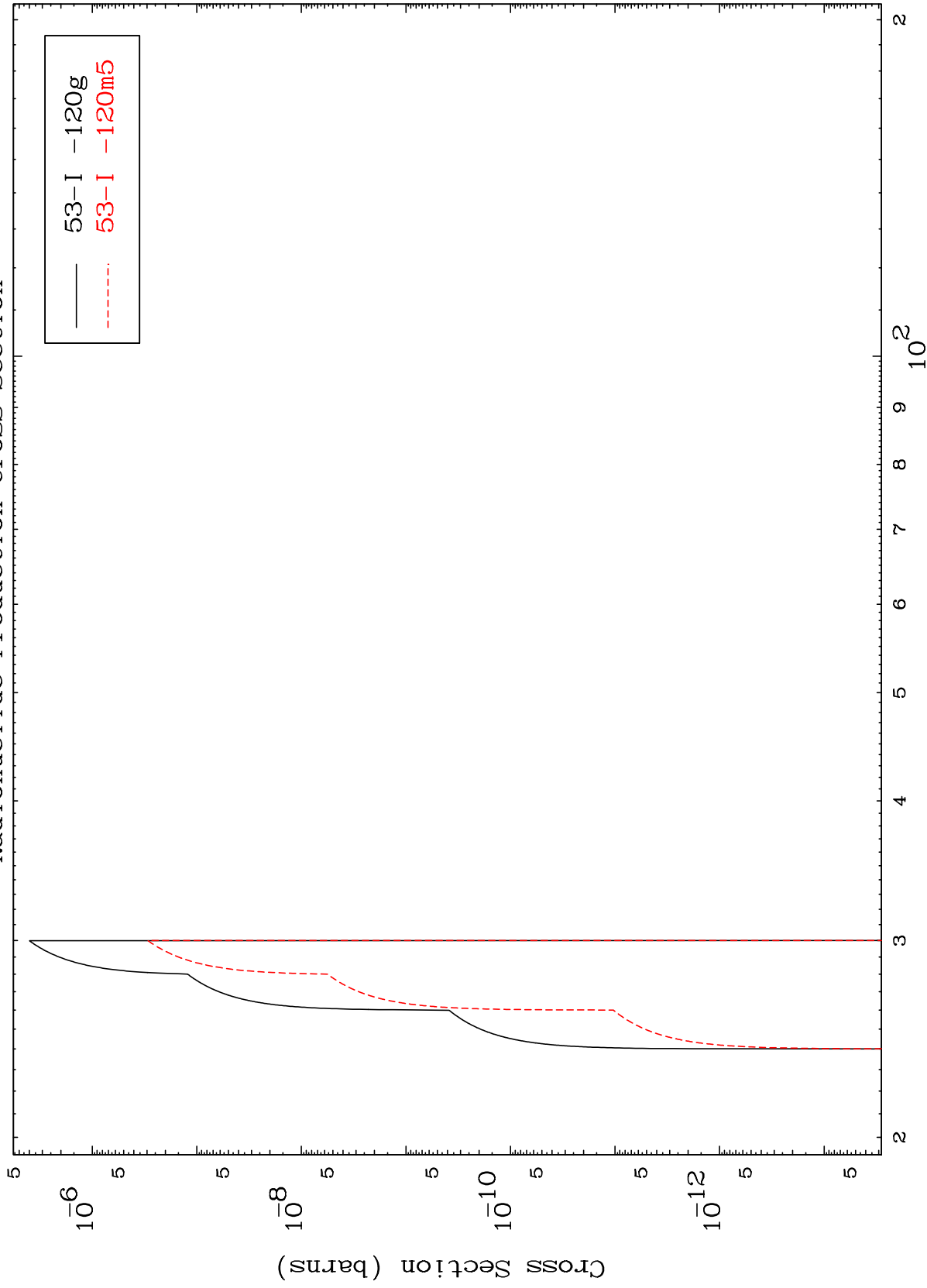
55-Cs-123

MAT 5495

($\gamma, 2n$) p

55-Cs-123

Radionuclide Production Cross Section



14

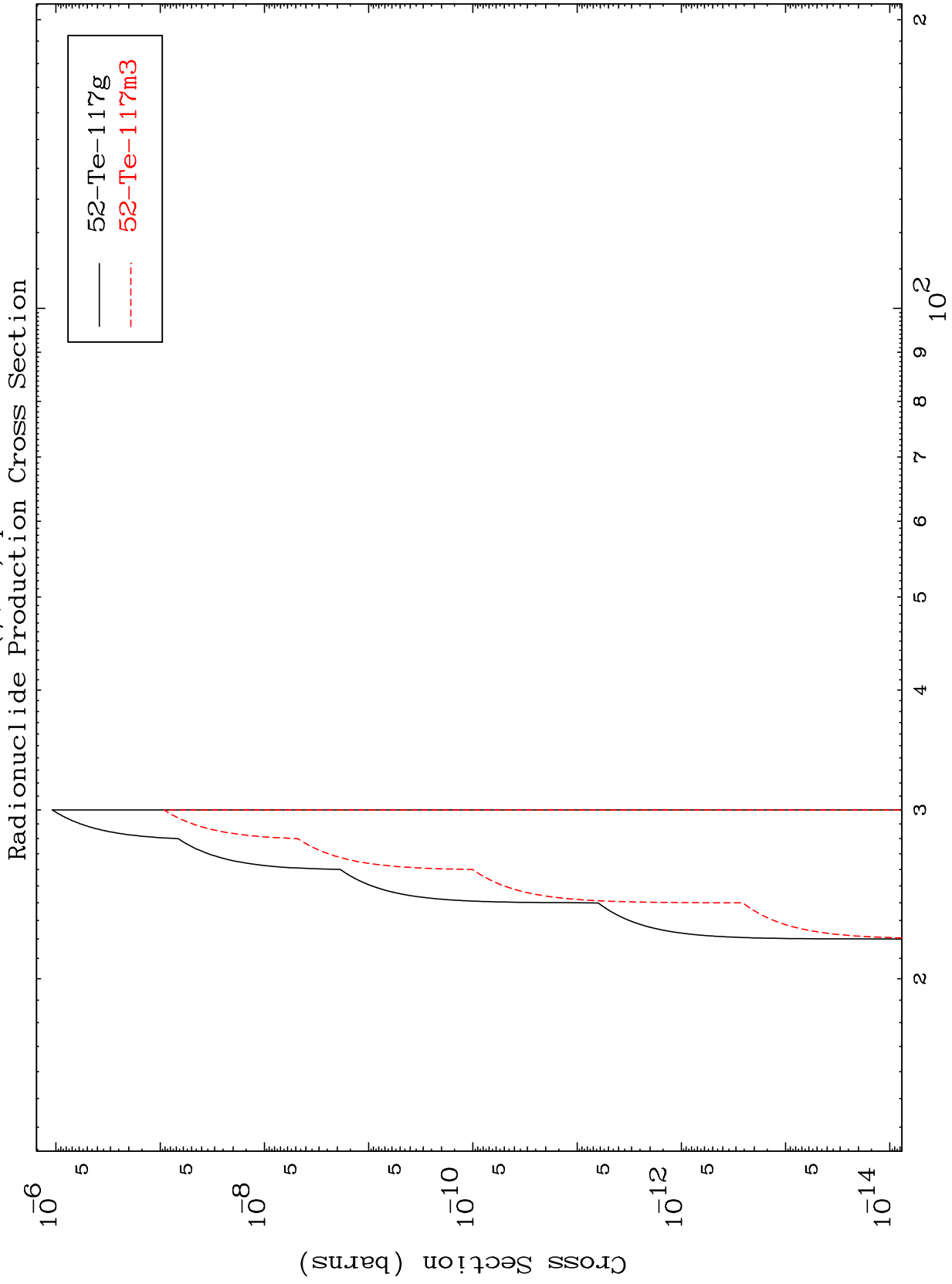
Incident Energy (MeV)

55-Cs-123

MAT 5495

(γ, n') p α

55-Cs-123



15

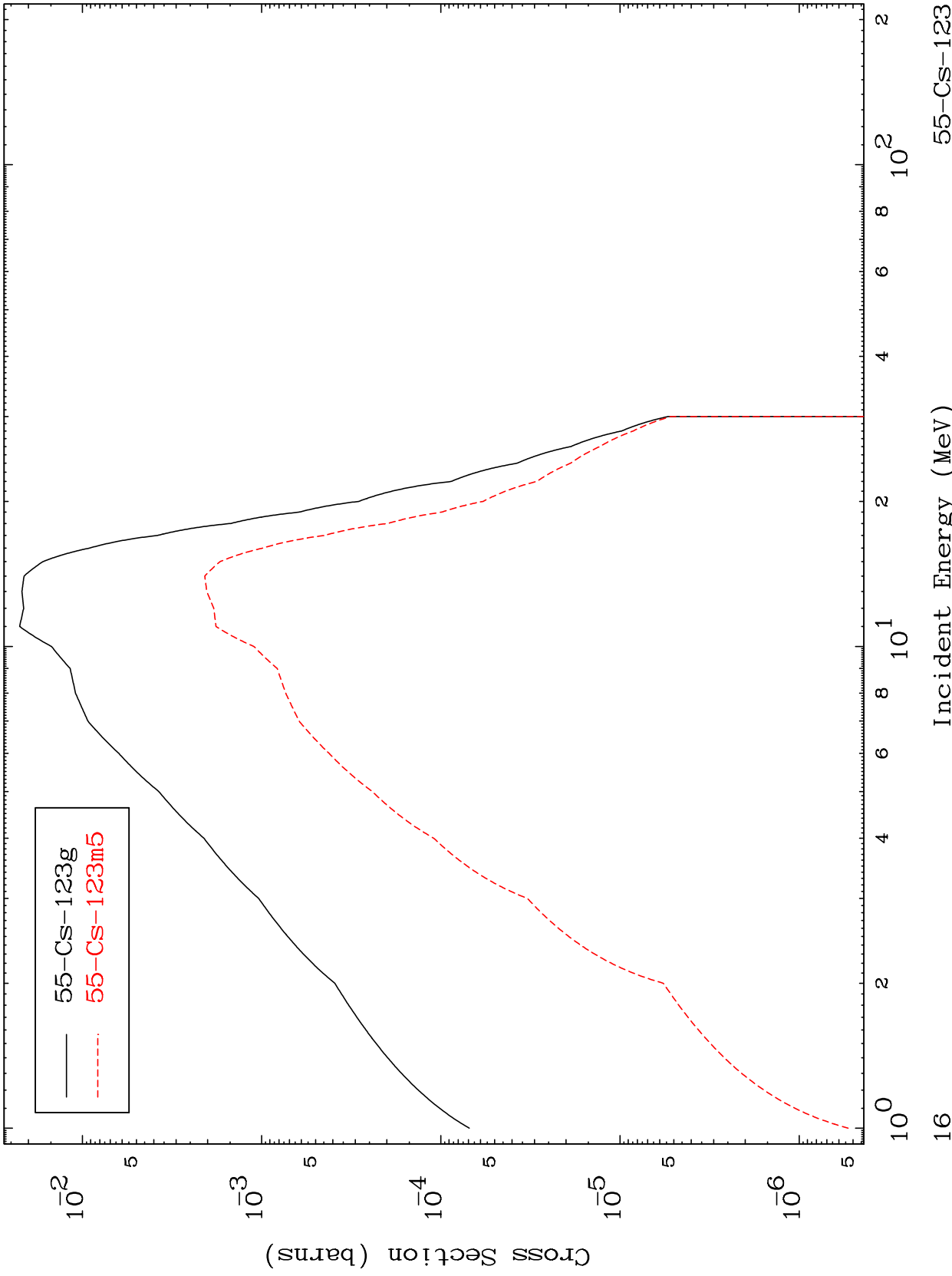
Incident Energy (MeV)

55-Cs-123

MAT 5495

Radionuclide Production Cross Section
(γ, γ)

55-Cs-123



16

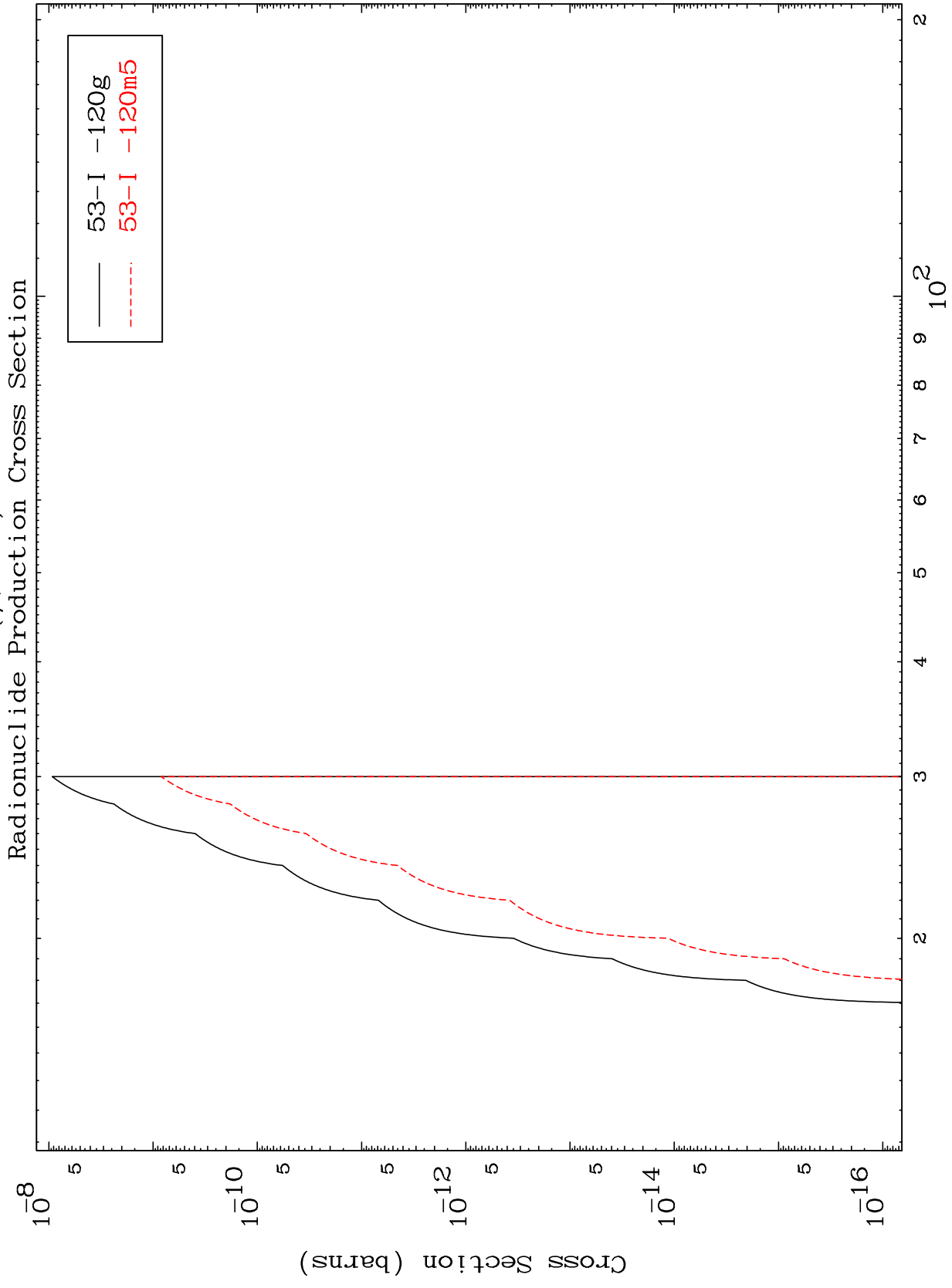
Incident Energy (MeV)

55-Cs-123

MAT 5495

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

55-Cs-123



17

Incident Energy (MeV)

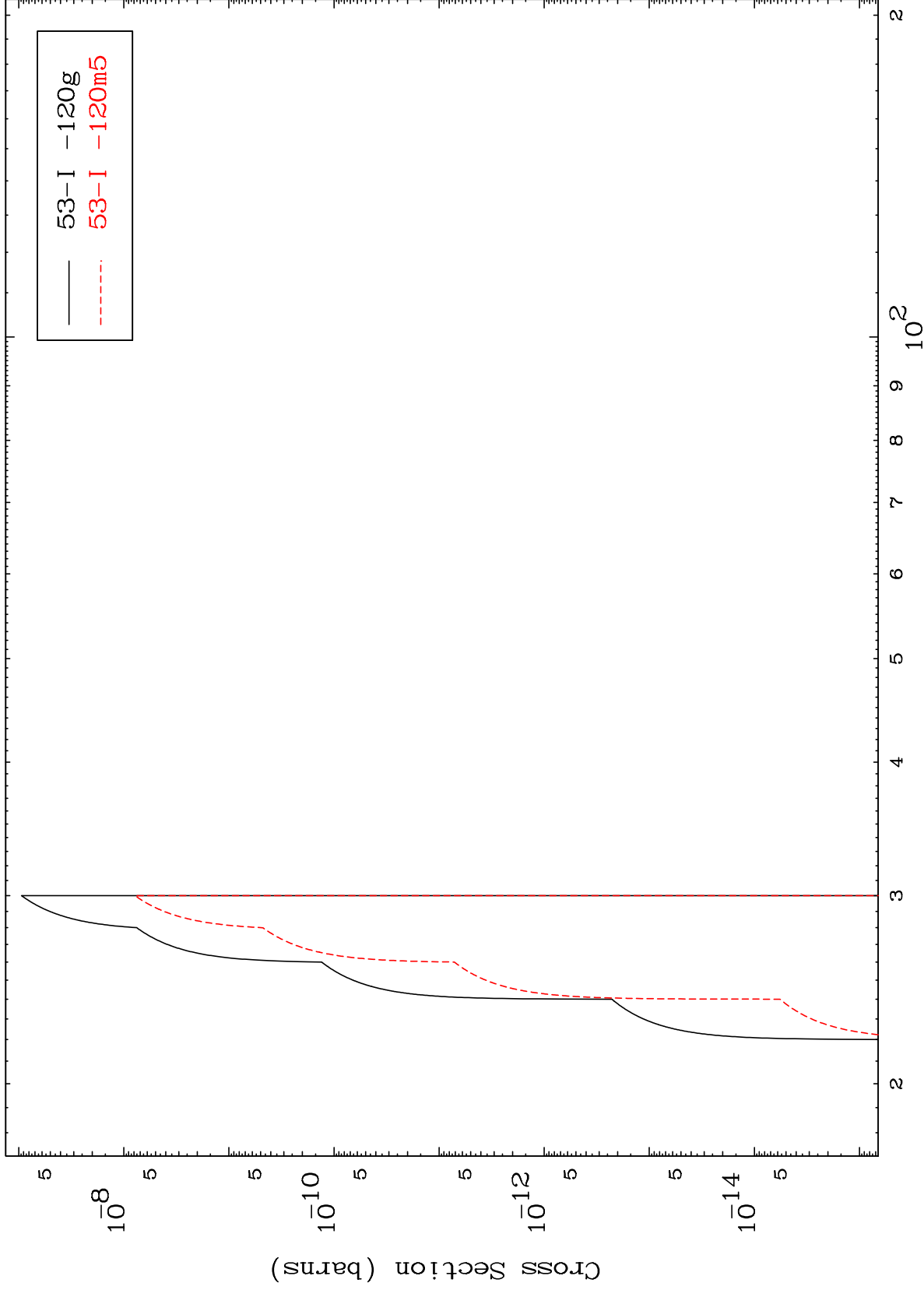
55-Cs-123

MAT 5495

(γ, p) d

55-Cs-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

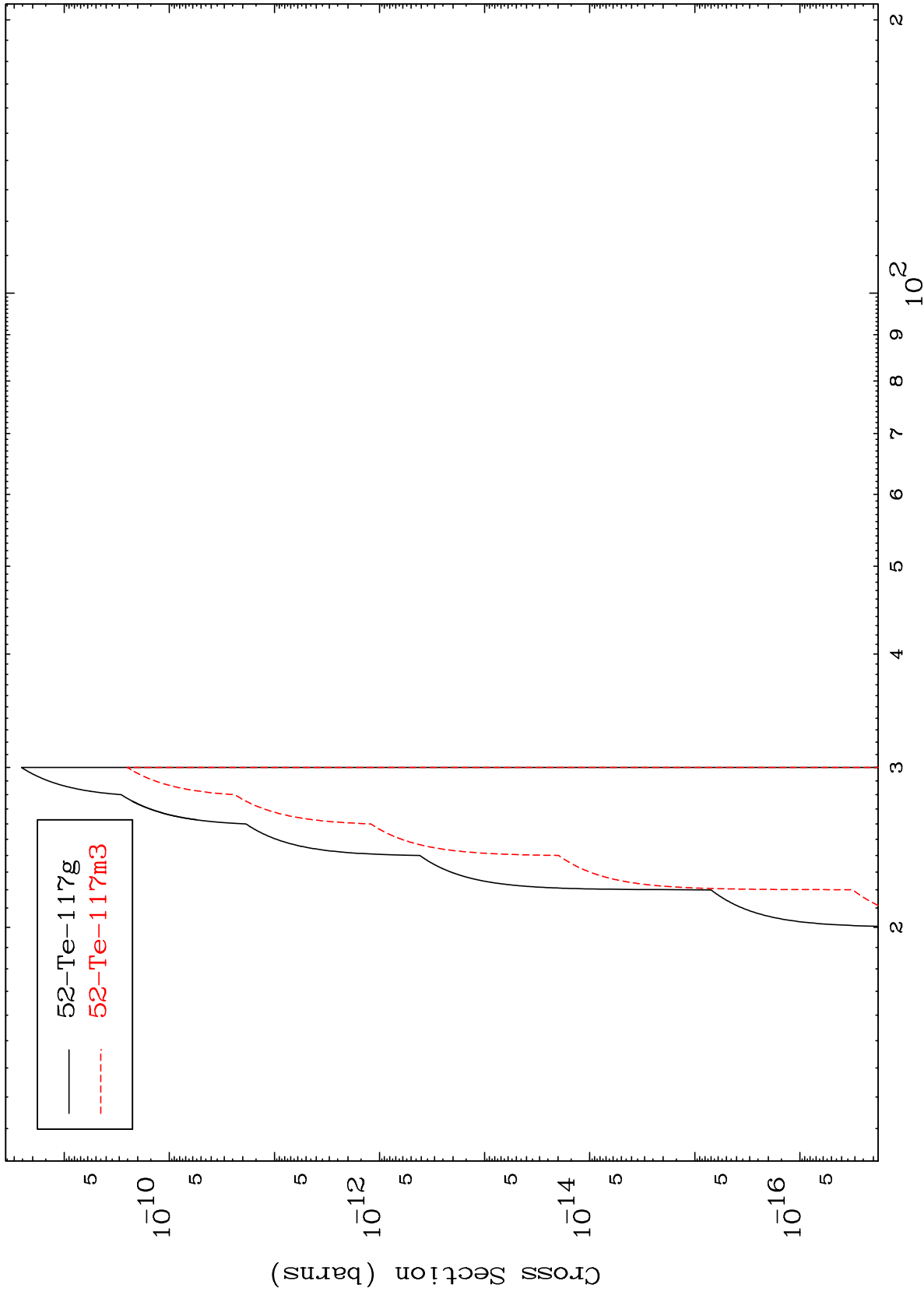
55-Cs-123

MAT 5495

(γ, d) α

55-Cs-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

55-Cs-123