

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

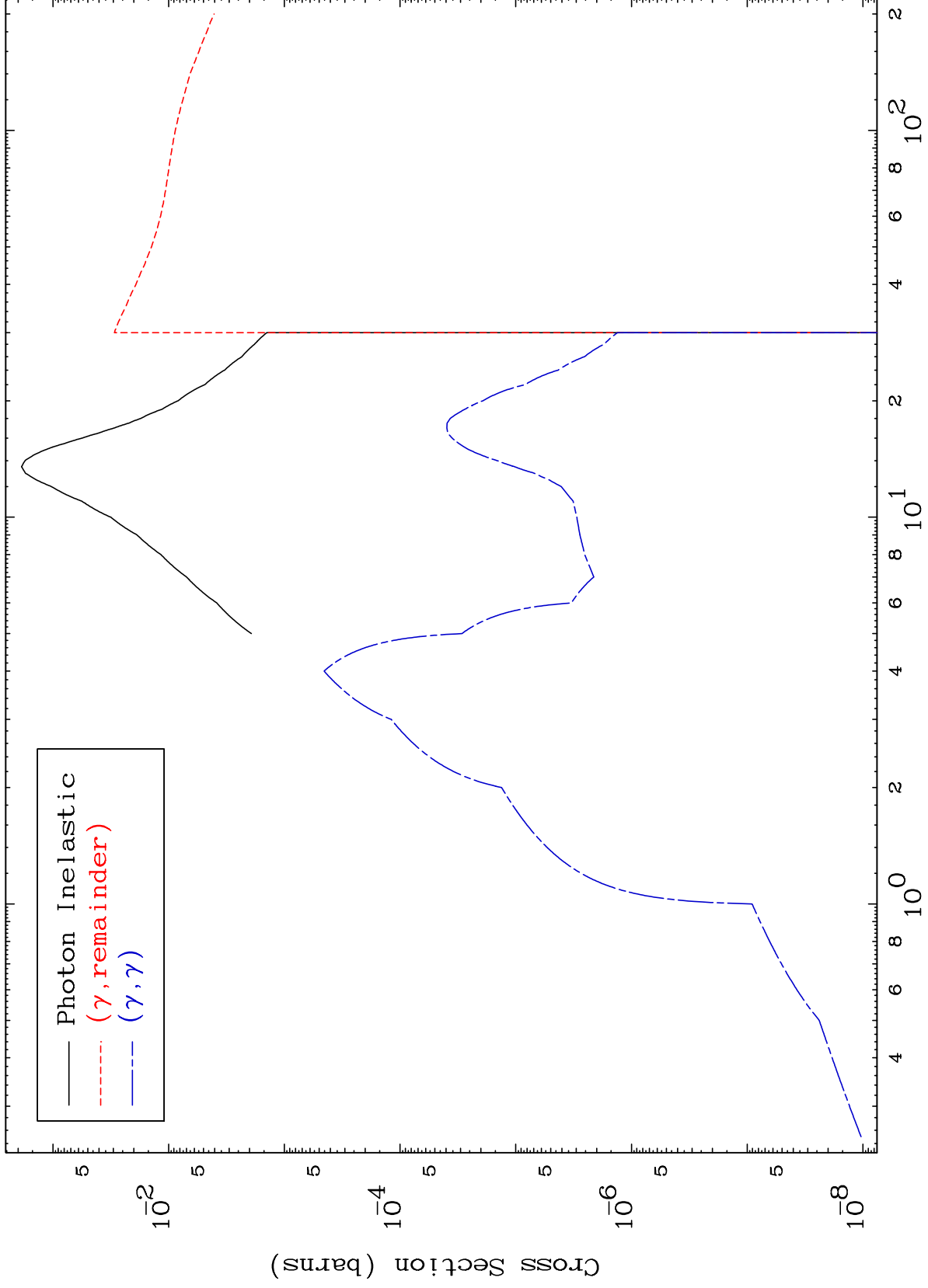
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5541

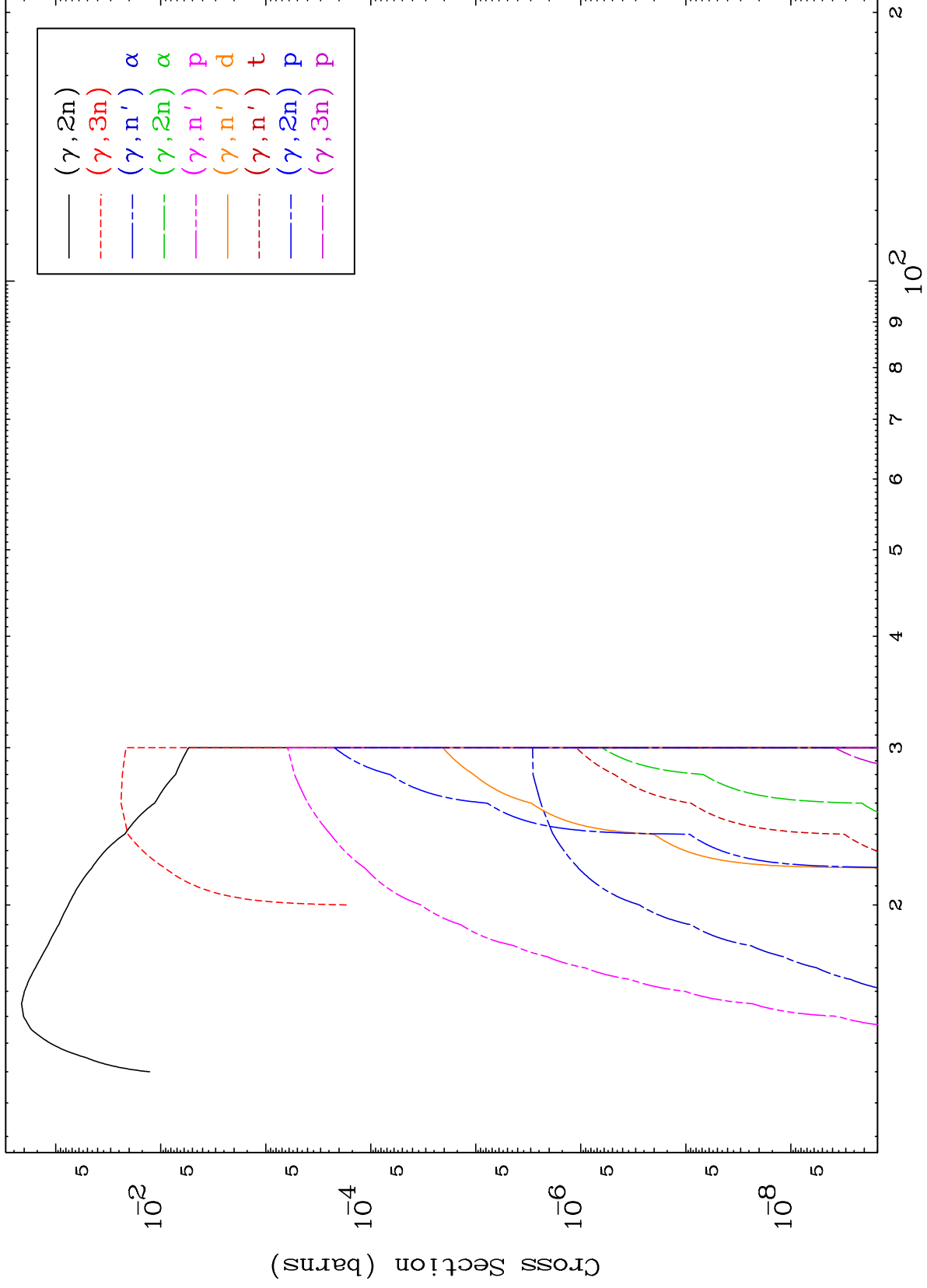
Photon Major
0 Kelvin Cross Sections

55-Cs-138



1

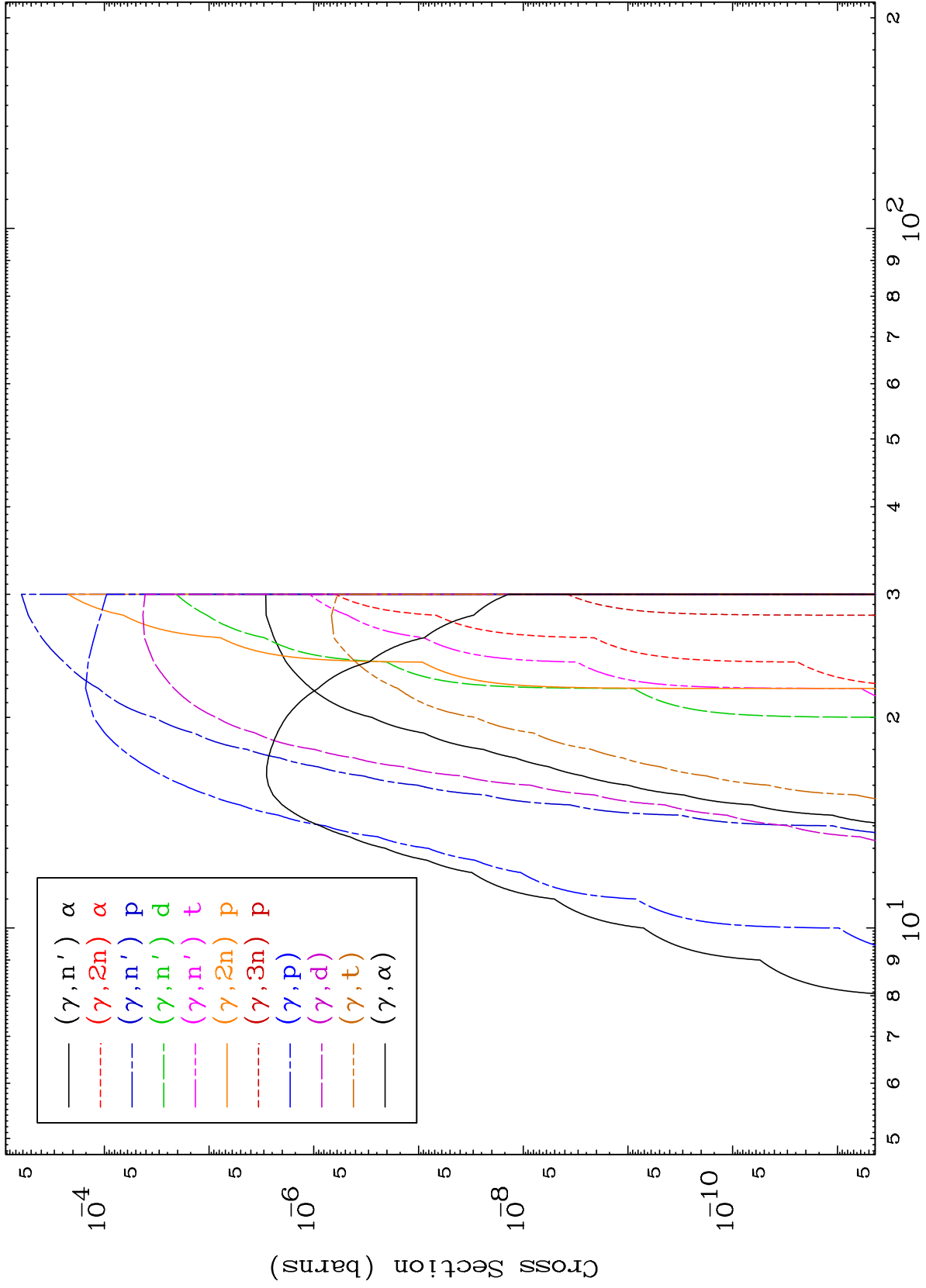
55-Cs-138



MAT 5541

Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-138



3

Incident Energy (MeV)

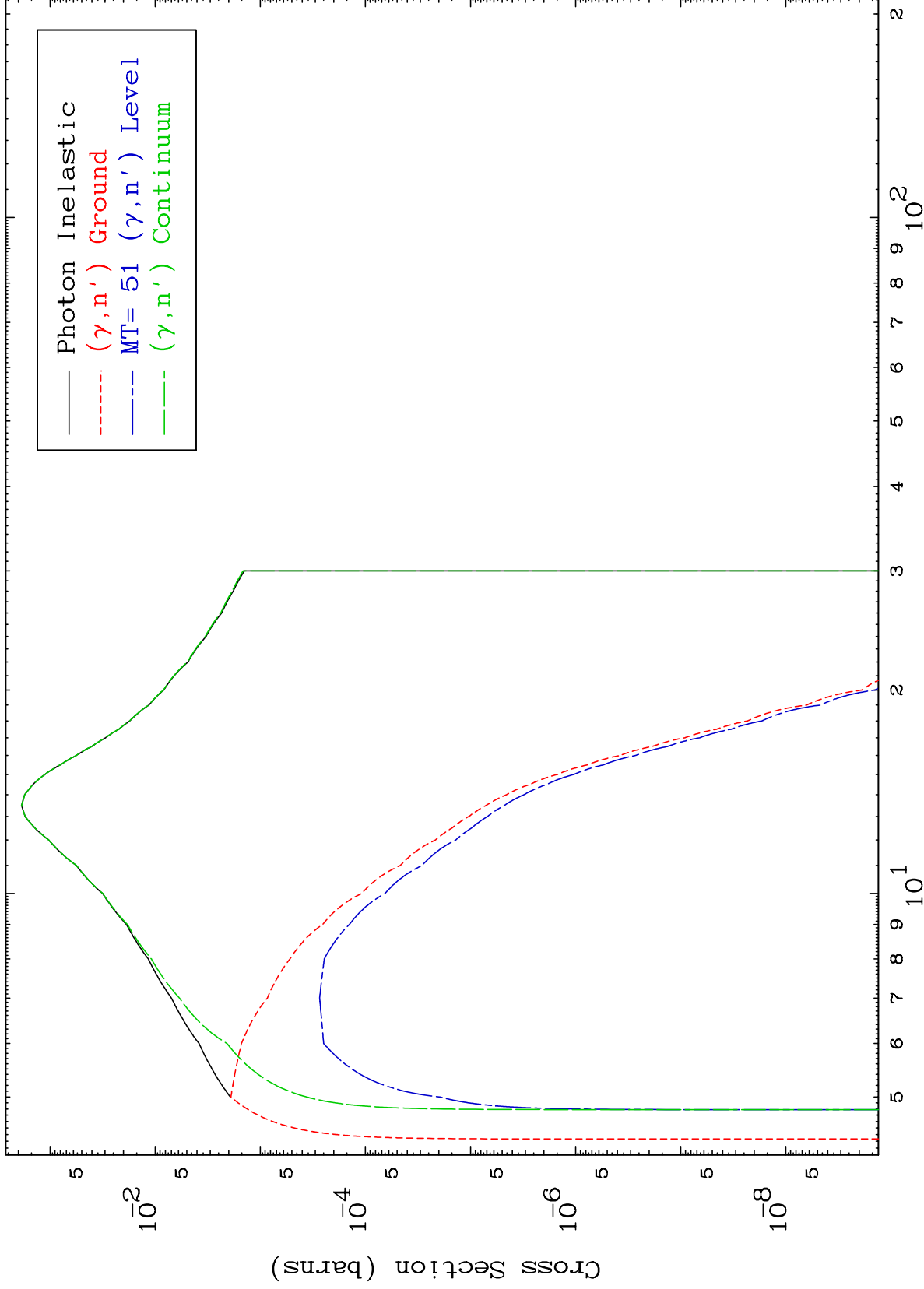
55-Cs-138

MAT 5541

(γ, n') Level

55-Cs-138

0 Kelvin Cross Sections



4

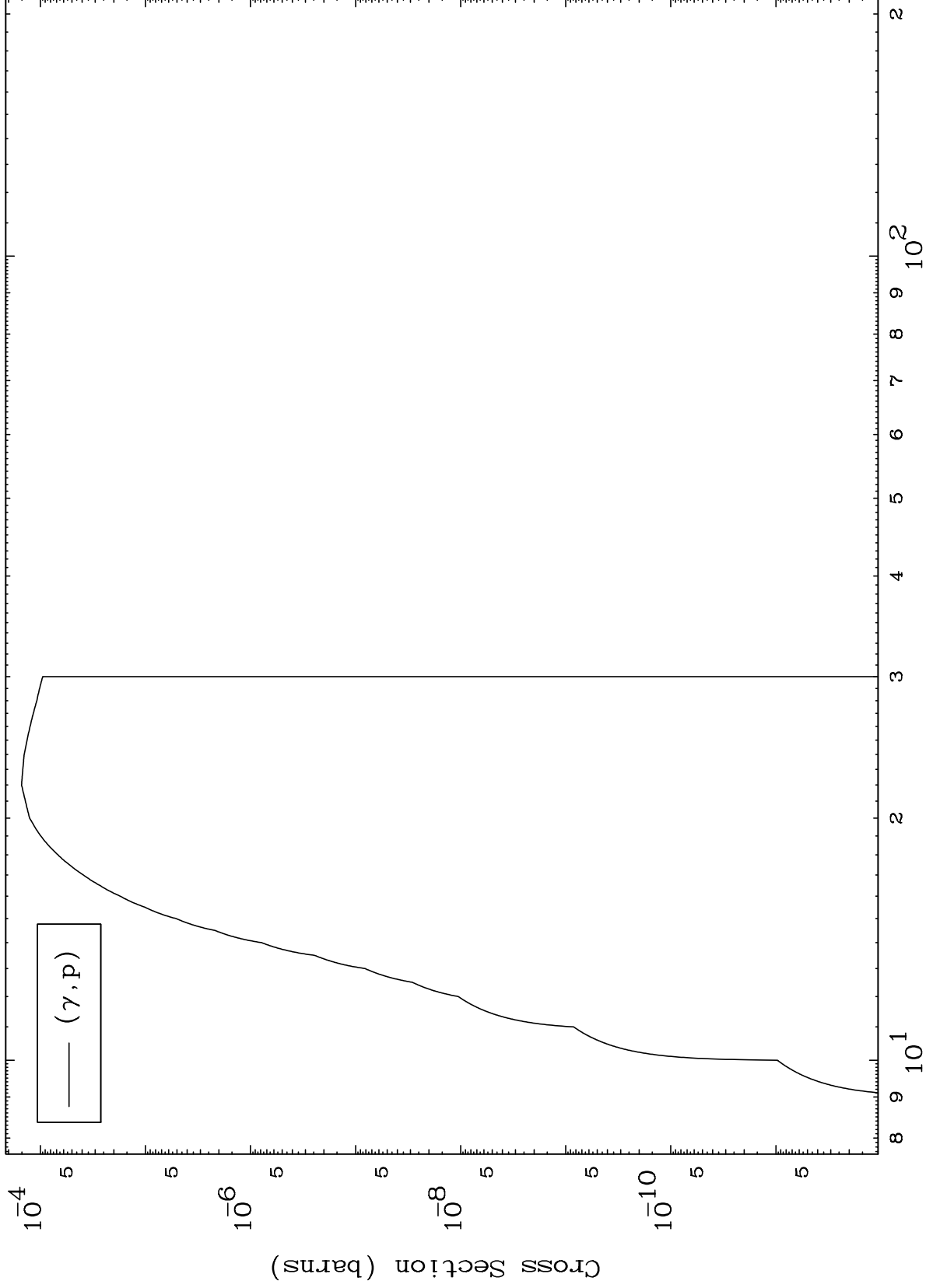
Incident Energy (MeV)

55-Cs-138

MAT 5541

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-138



5

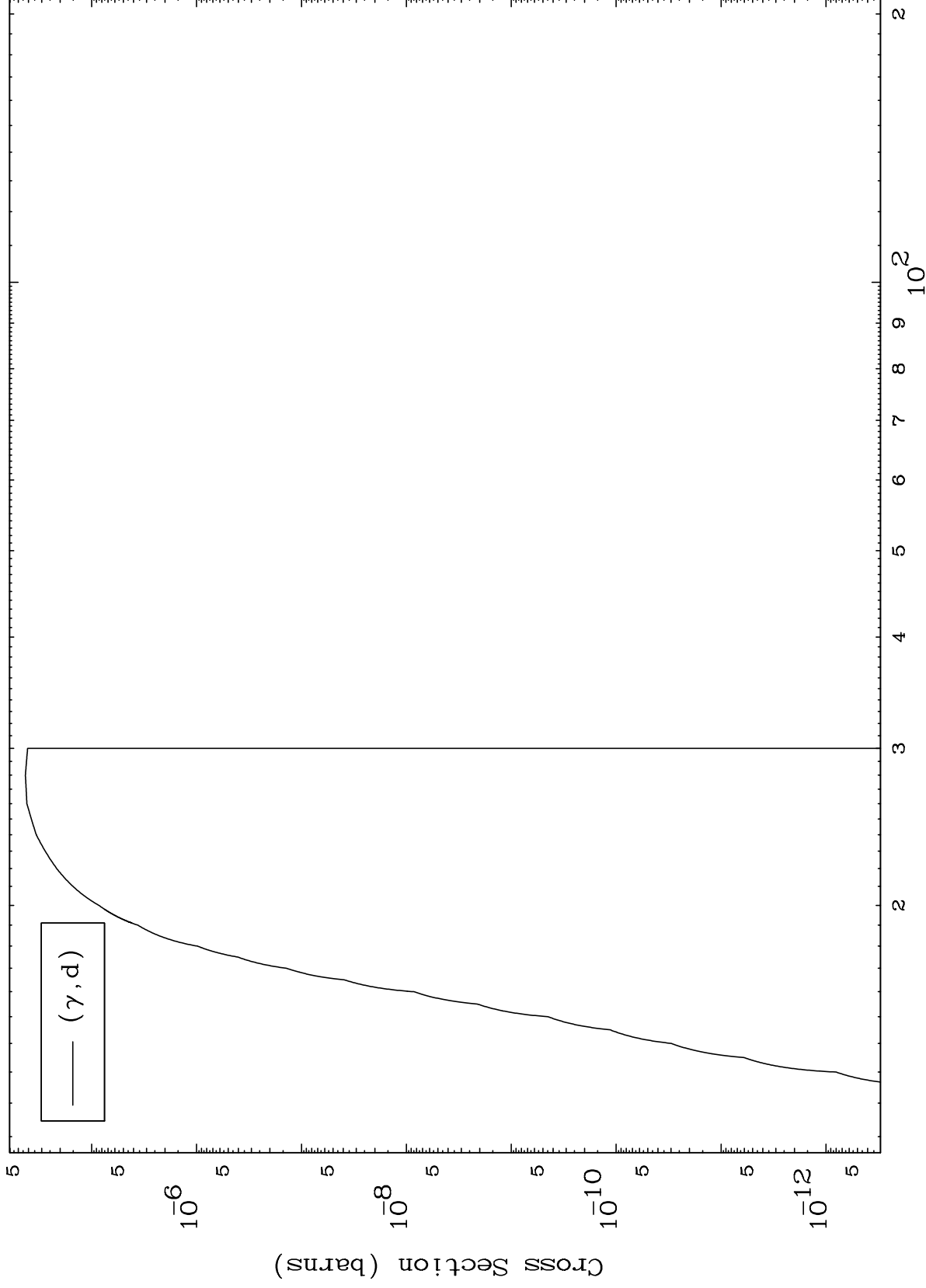
Incident Energy (MeV)

55-Cs-138

MAT 5541

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-138



6

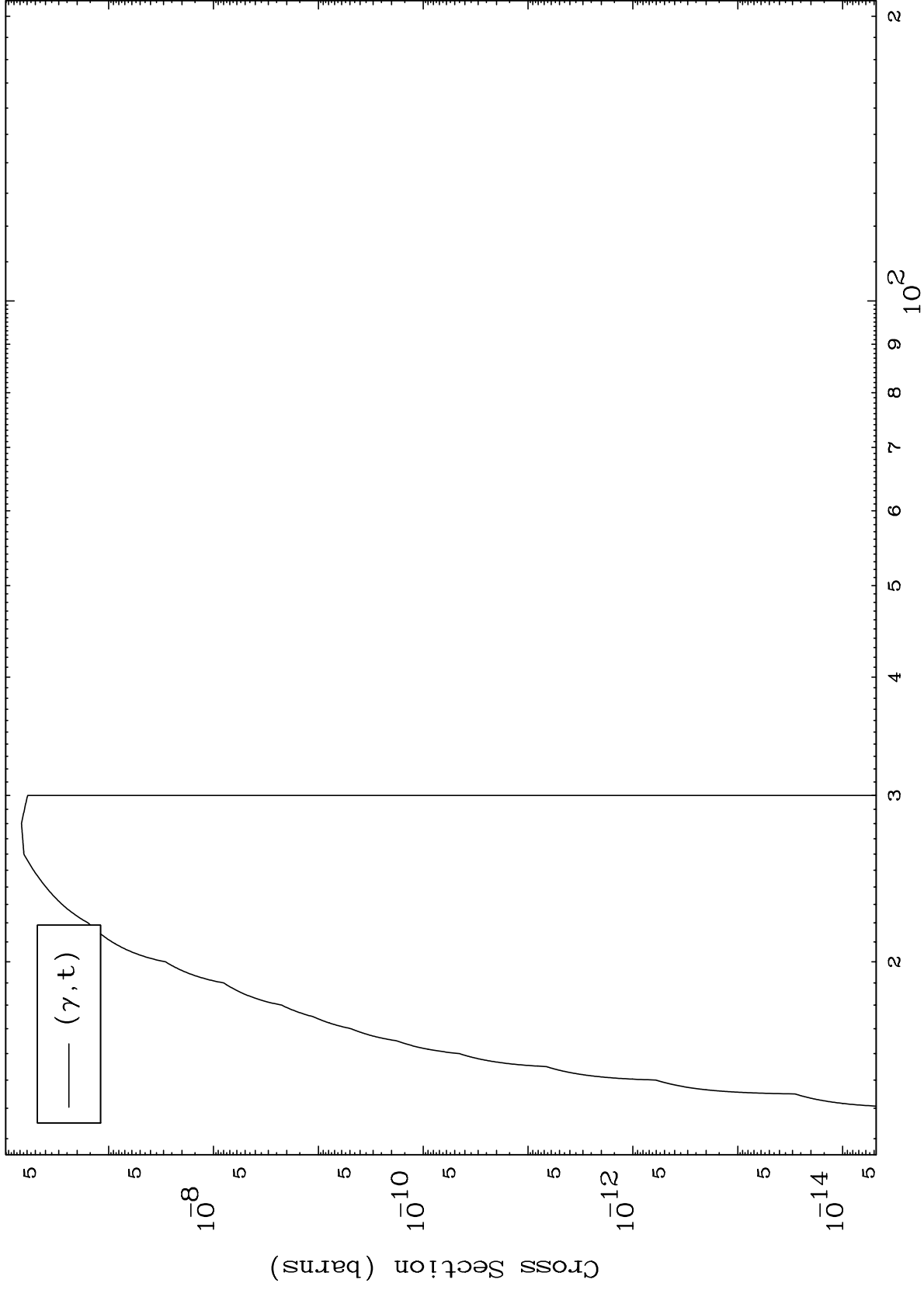
Incident Energy (MeV)

55-Cs-138

MAT 5541

(γ, t) Levels
0 Kelvin Cross Sections

55-Cs-138



7

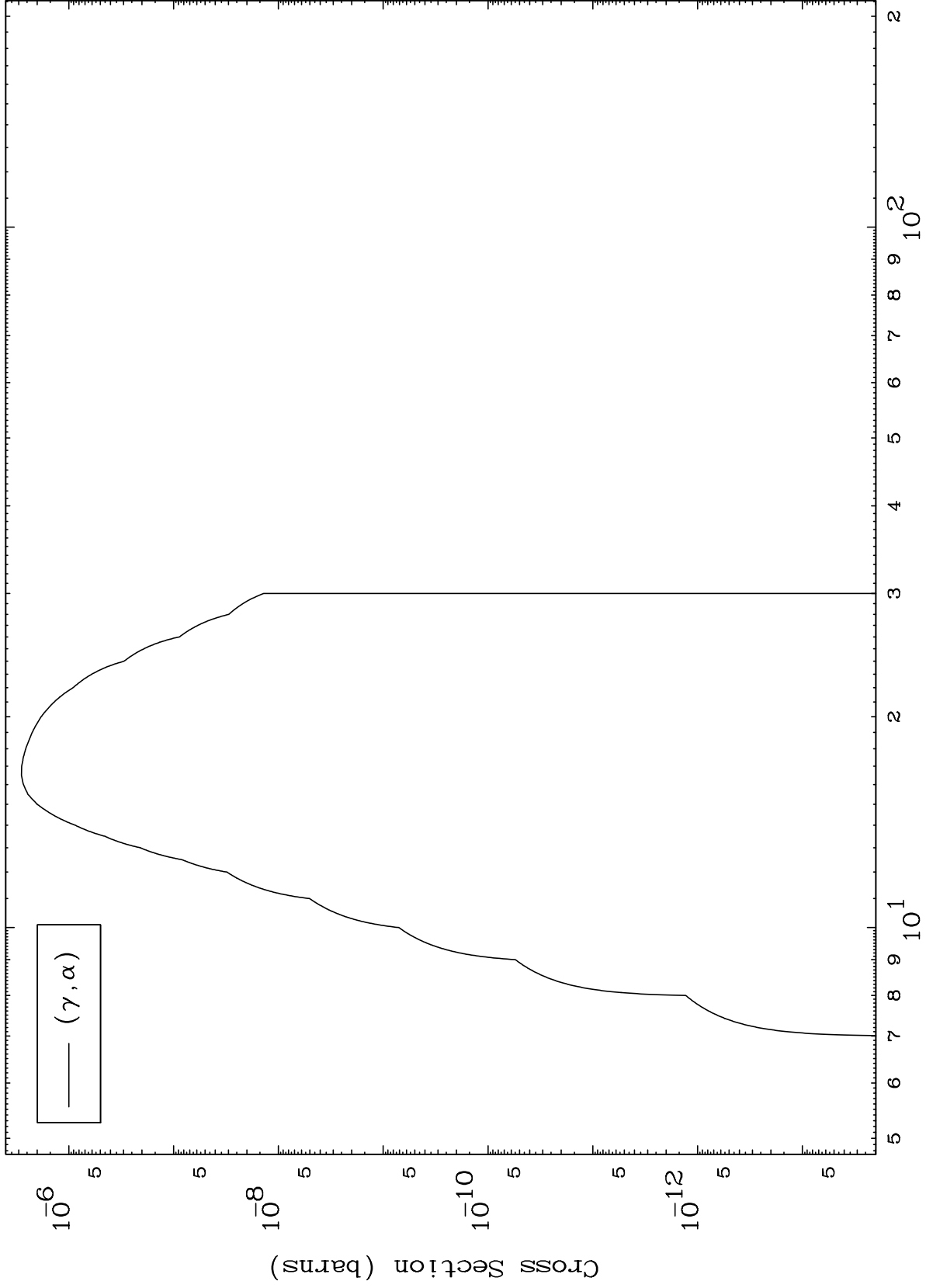
Incident Energy (MeV)

55-Cs-138

MAT 5541

(γ, α) Levels
0 Kelvin Cross Sections

55-Cs-138

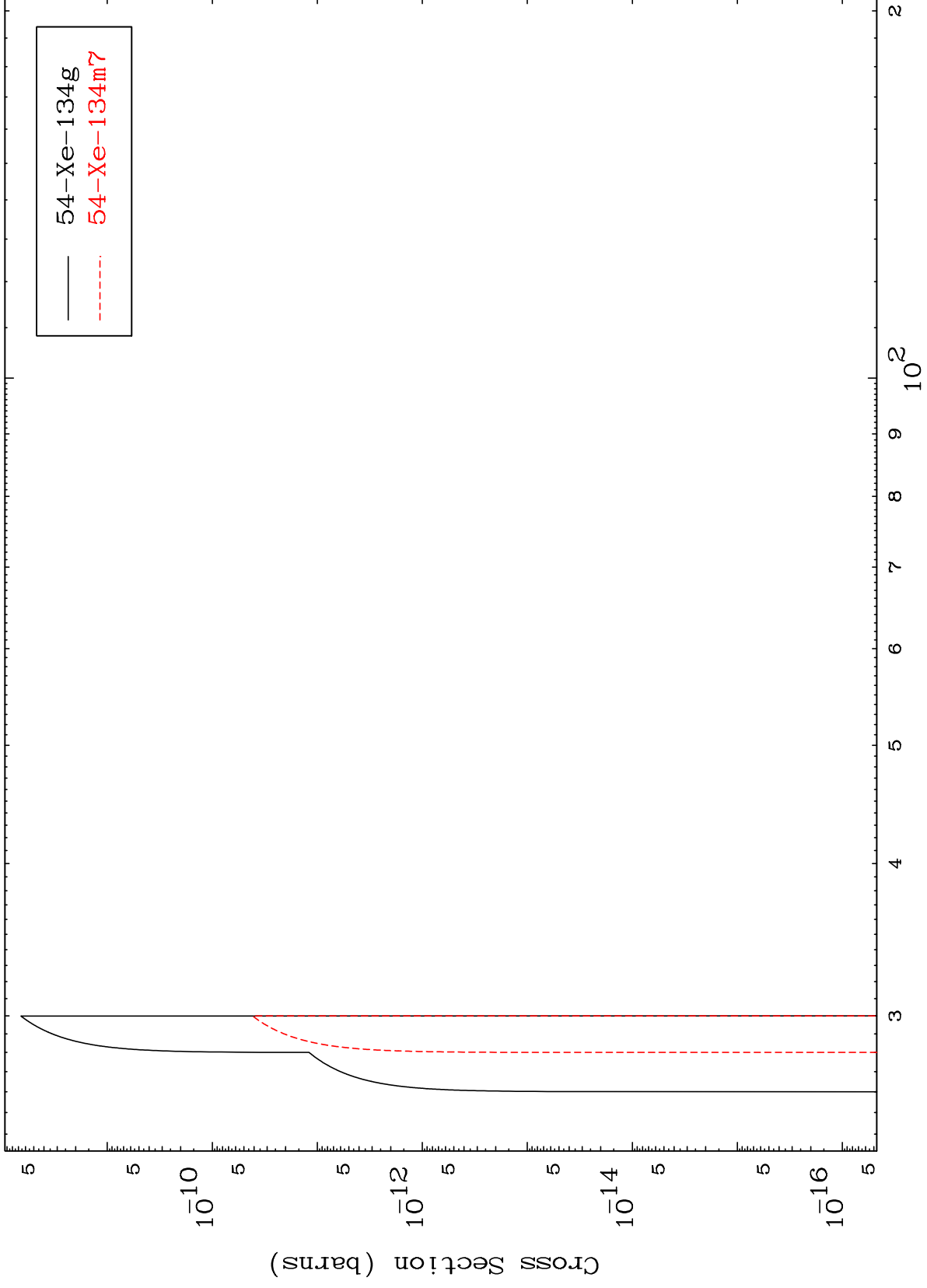


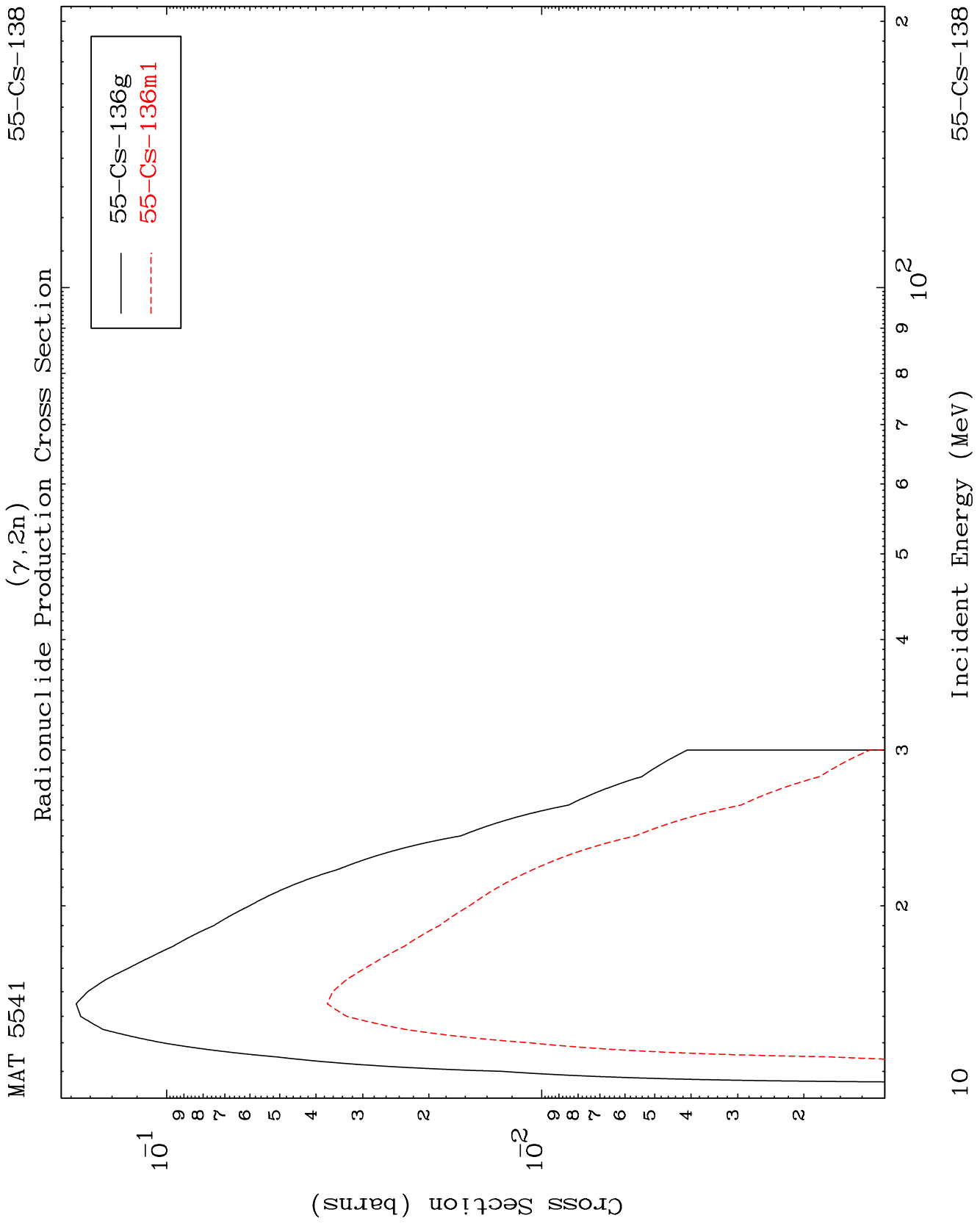
8

Incident Energy (MeV)

55-Cs-138

Radionuclide Production Cross Section



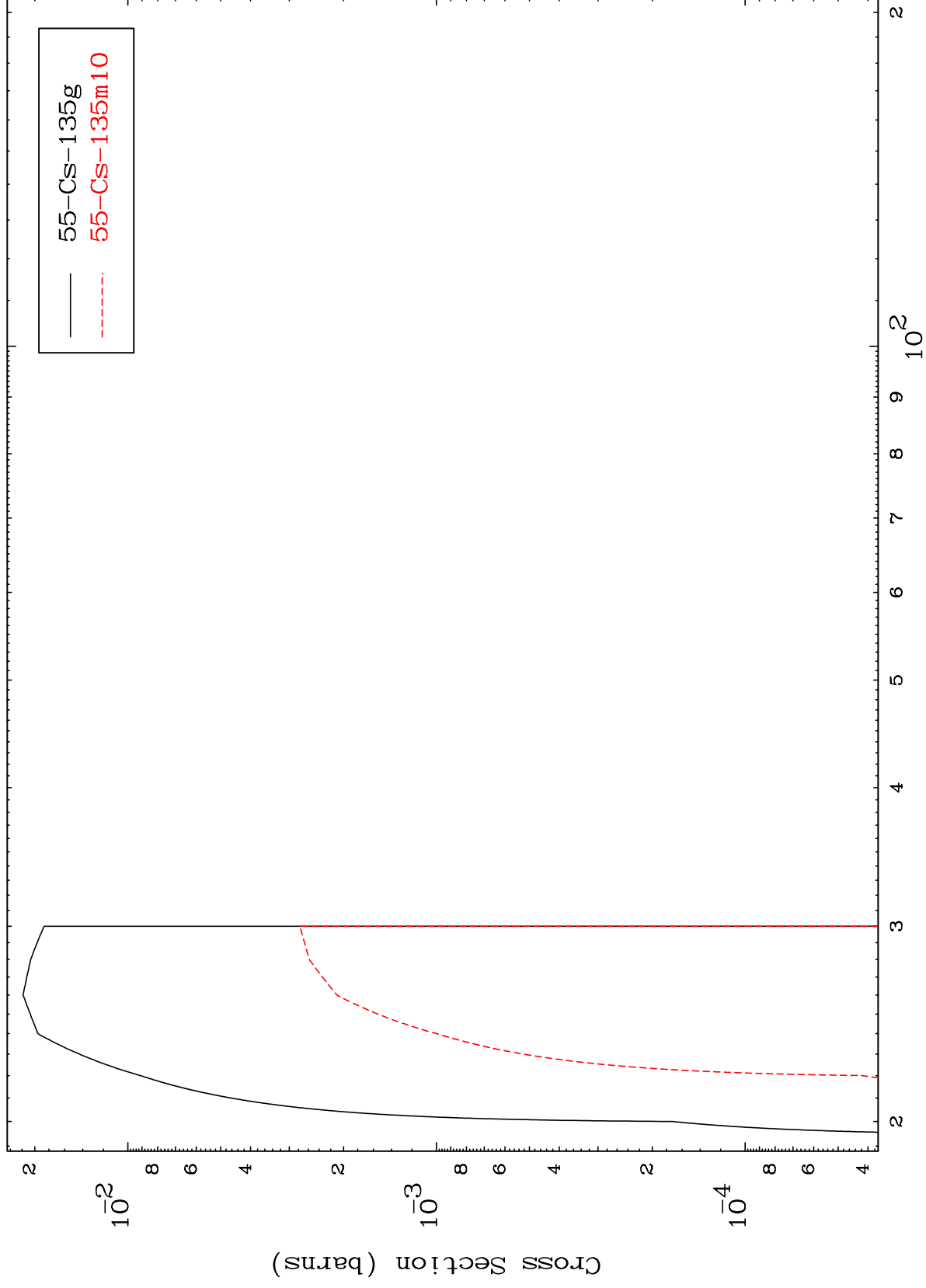


MAT 5541

55-Cs-138

($\gamma, 3n$)

Radionuclide Production Cross Section



11

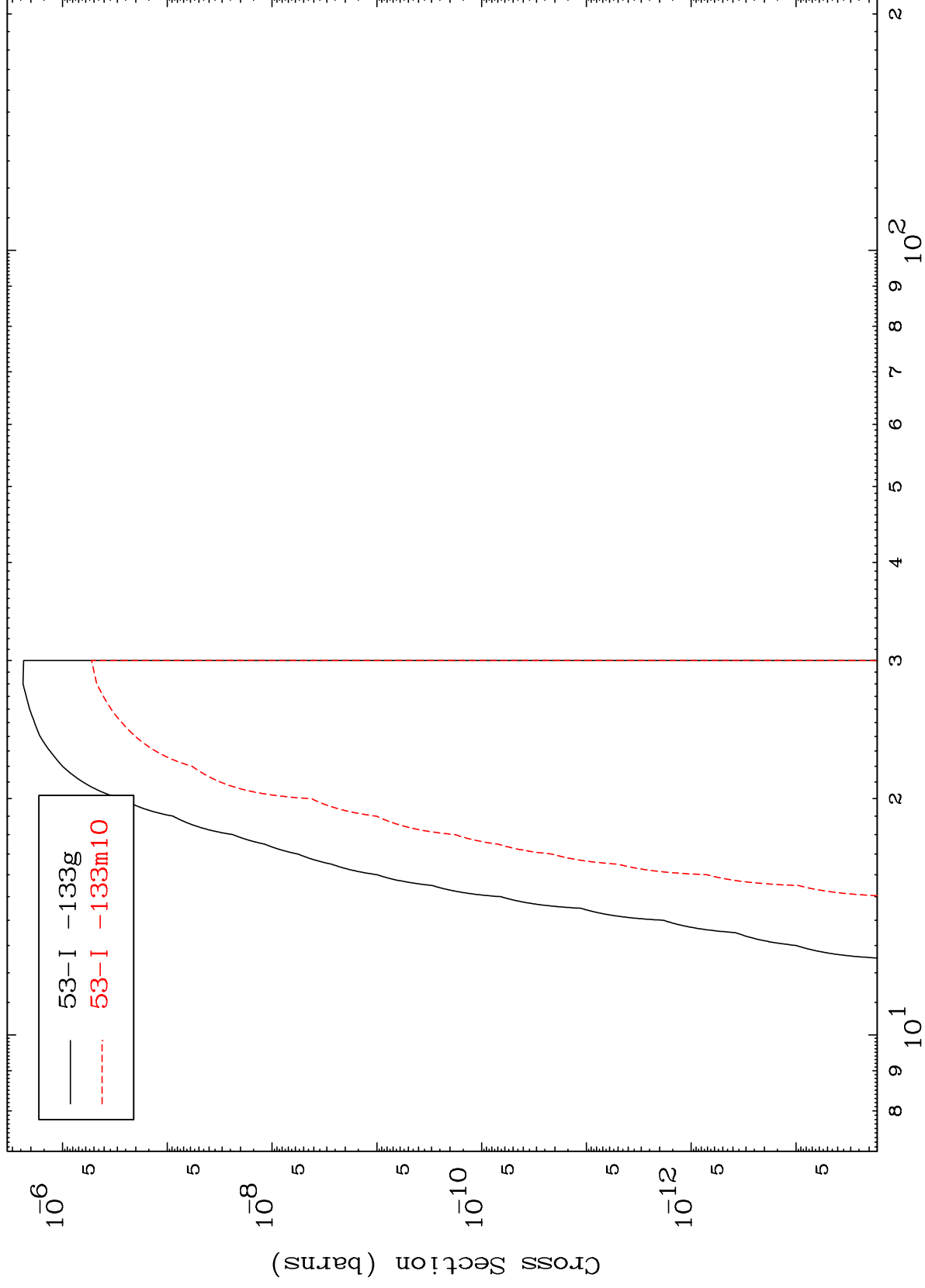
Incident Energy (MeV)

55-Cs-138

MAT 5541

55-Cs-138

(γ, n') α
Radionuclide Production Cross Section



55-Cs-138

Incident Energy (MeV)

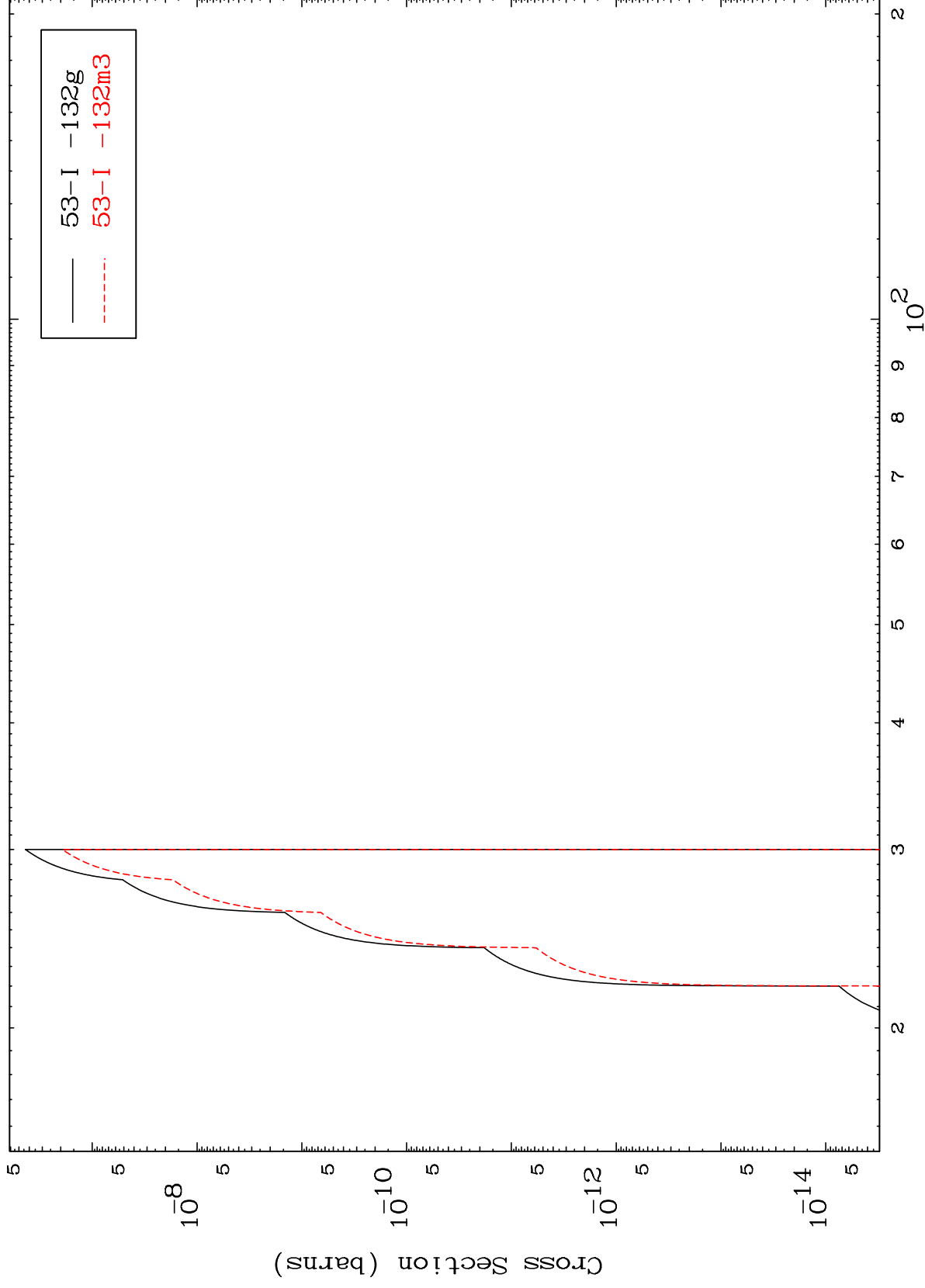
12

MAT 5541

$(\gamma, 2n) \alpha$

55-Cs-138

Radionuclide Production Cross Section

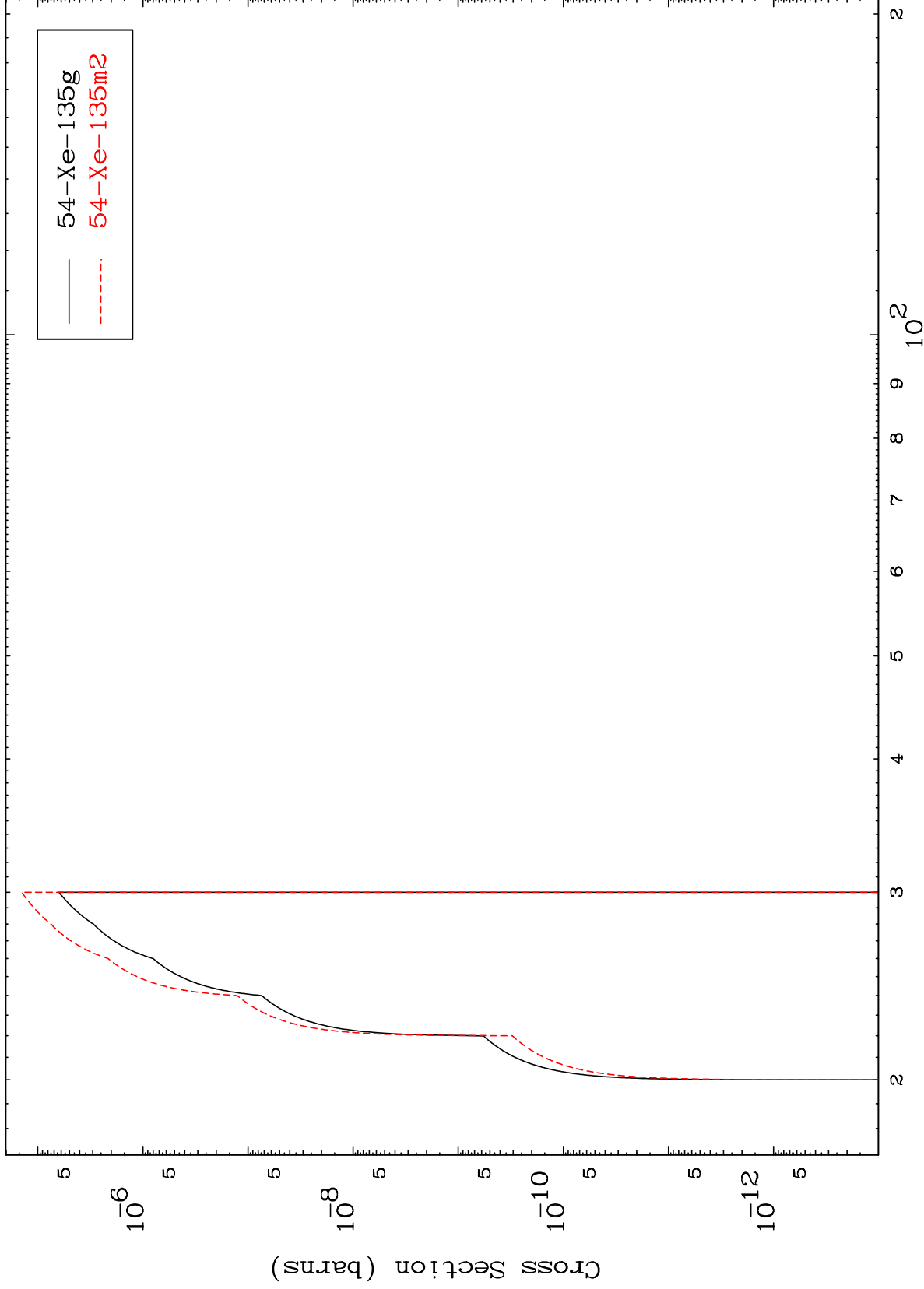


13

Incident Energy (MeV)

55-Cs-138

(γ, n') d
Radionuclide Production Cross Section

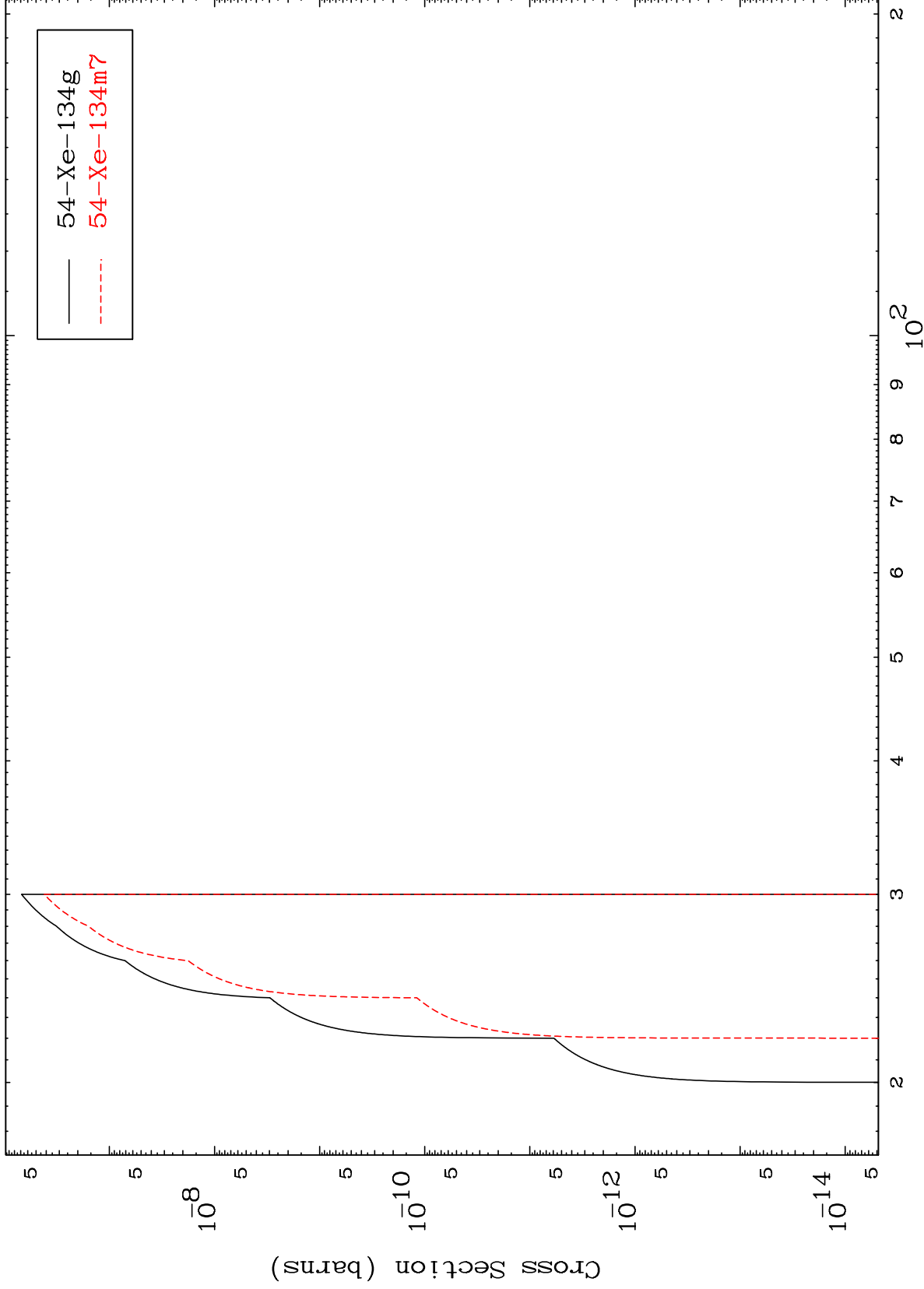


MAT 5541

(γ, n') t

55-Cs-138

Radionuclide Production Cross Section



15

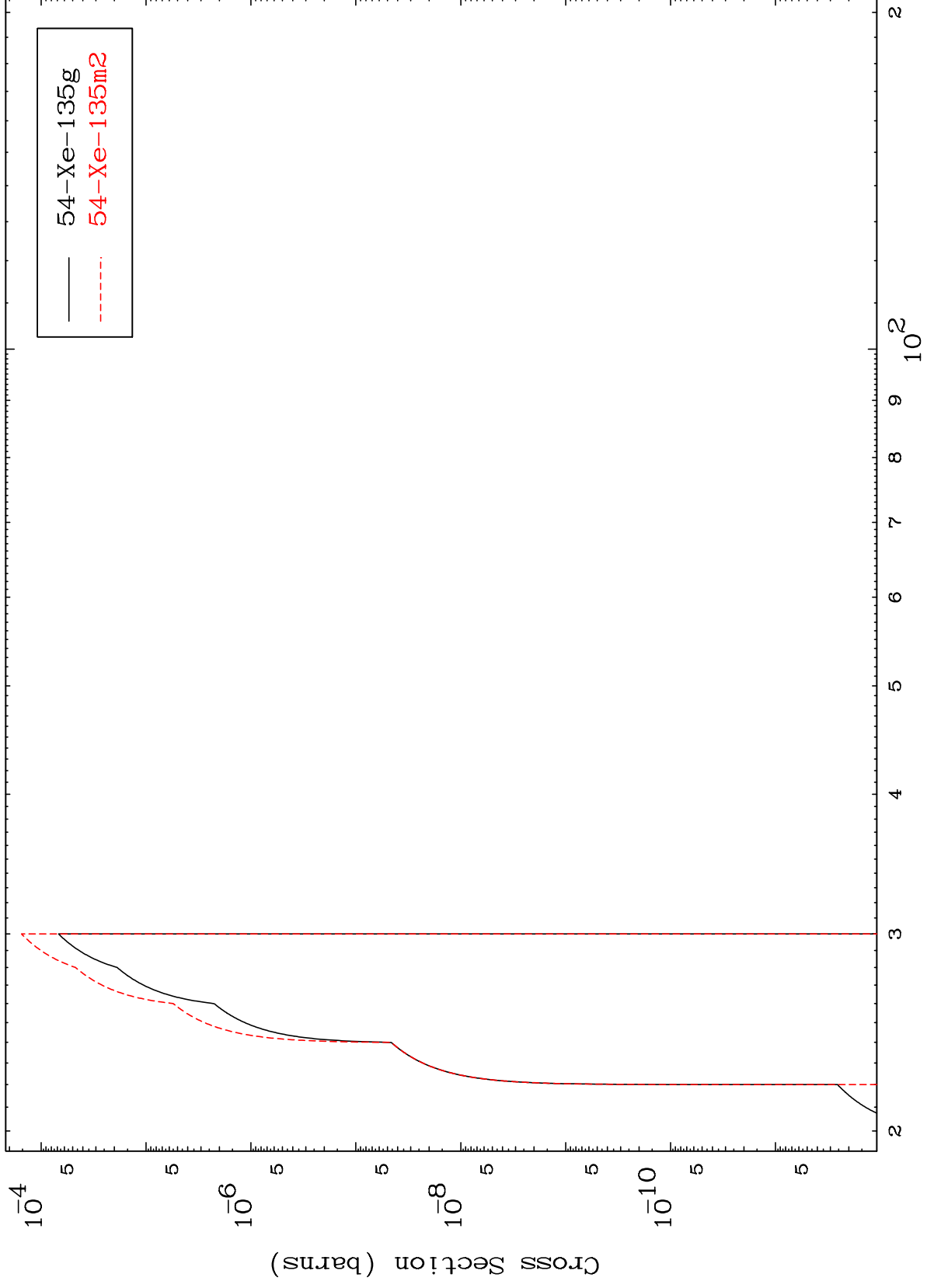
Incident Energy (MeV)

55-Cs-138

MAT 5541

55-Cs-138

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



55-Cs-138

Incident Energy (MeV)

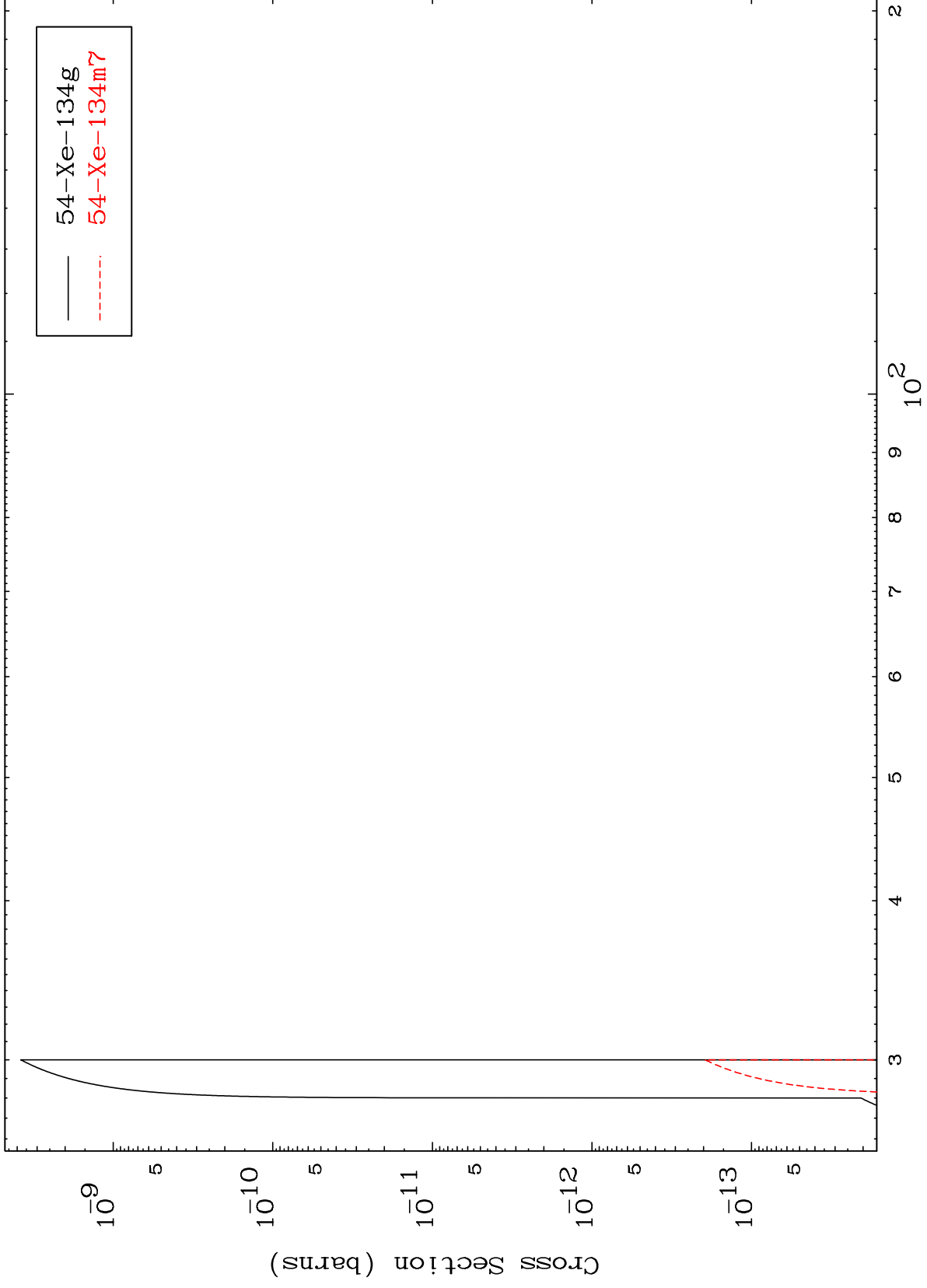
16

MAT 5541

($\gamma, 3n$) p

55-Cs-138

Radionuclide Production Cross Section



17

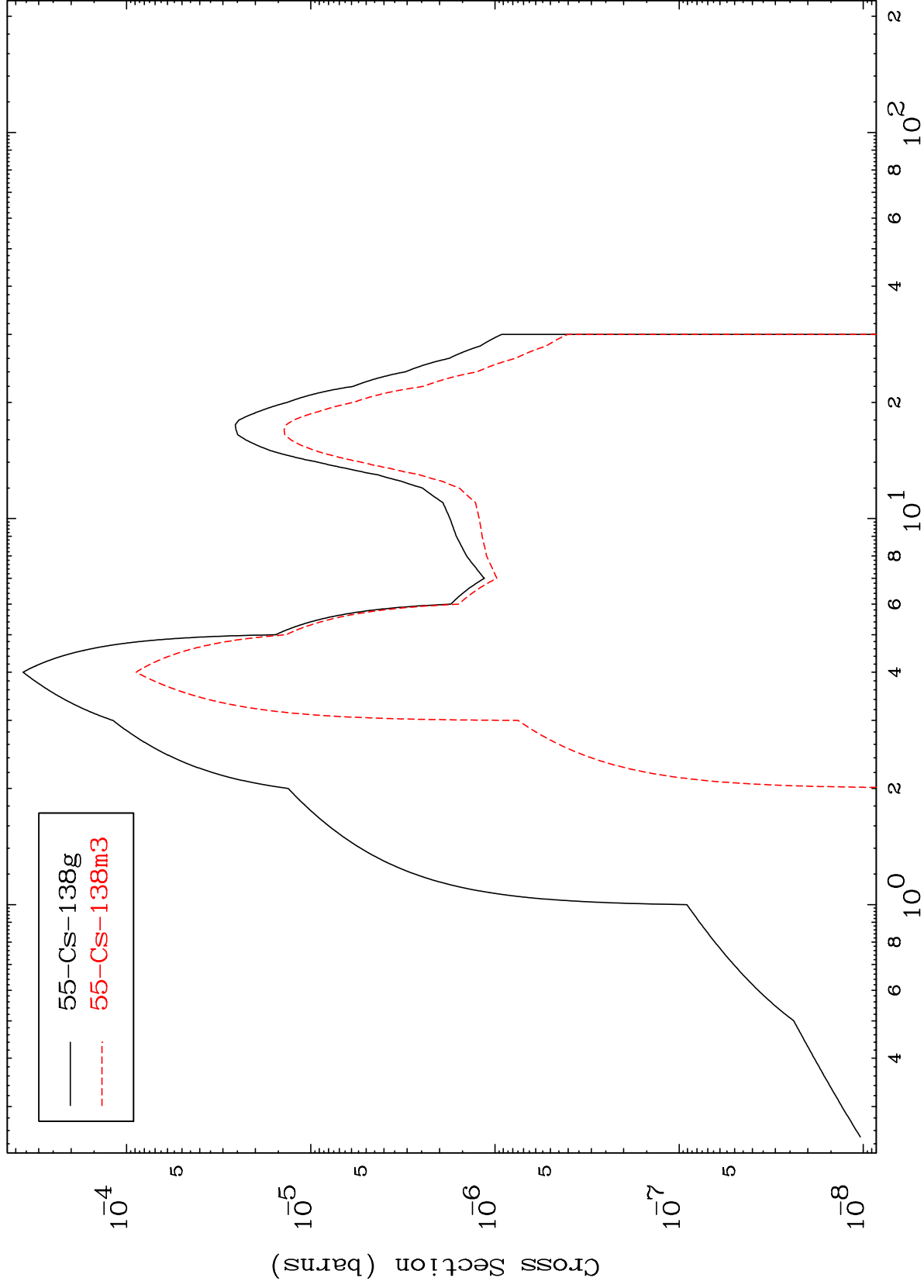
Incident Energy (MeV)

55-Cs-138

MAT 5541

55-Cs-138

(γ, γ)
Radionuclide Production Cross Section

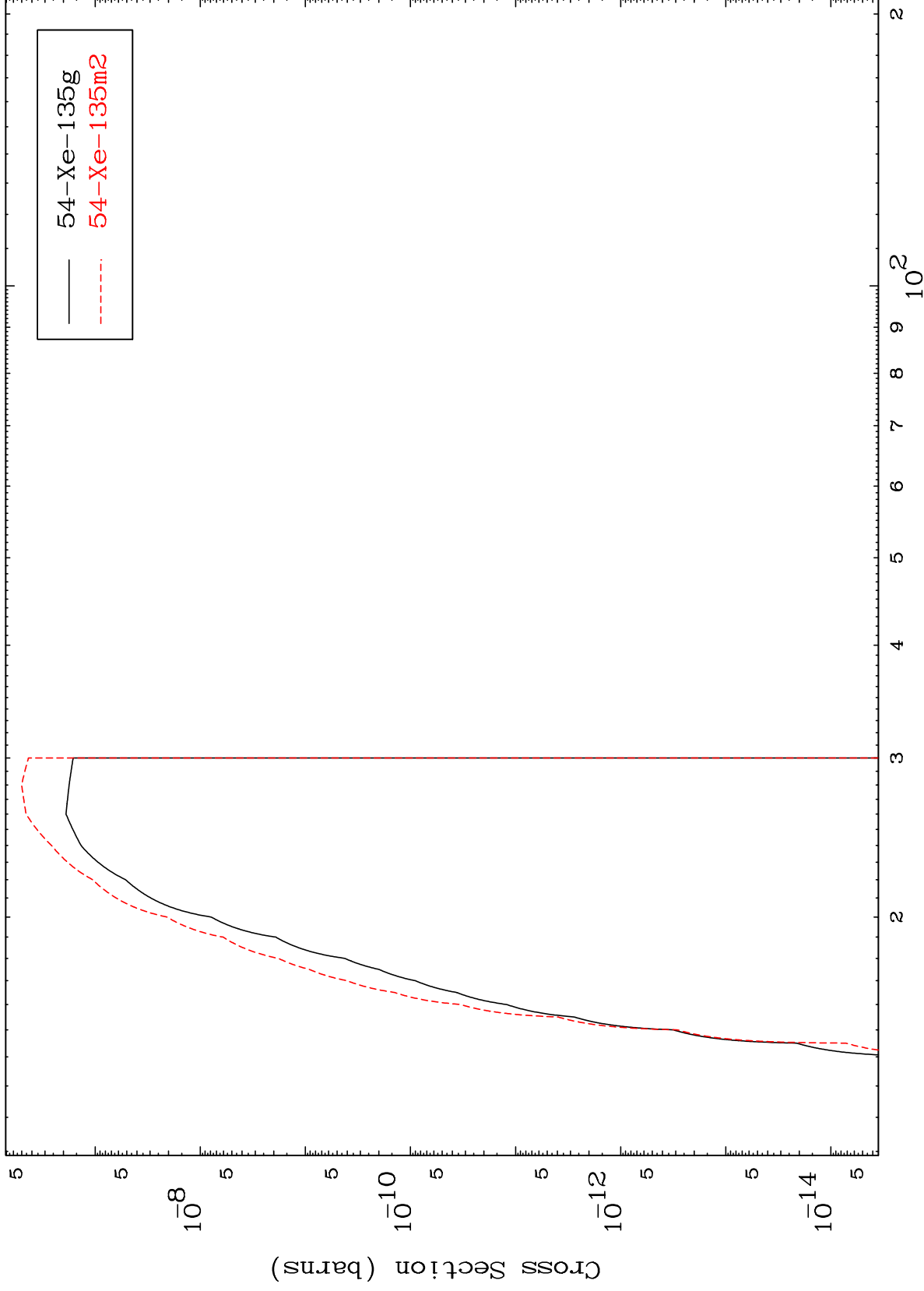


18

55-Cs-138

Incident Energy (MeV)

(γ, t)
Radionuclide Production Cross Section



(γ, α)
Radionuclide Production Cross Section

