

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

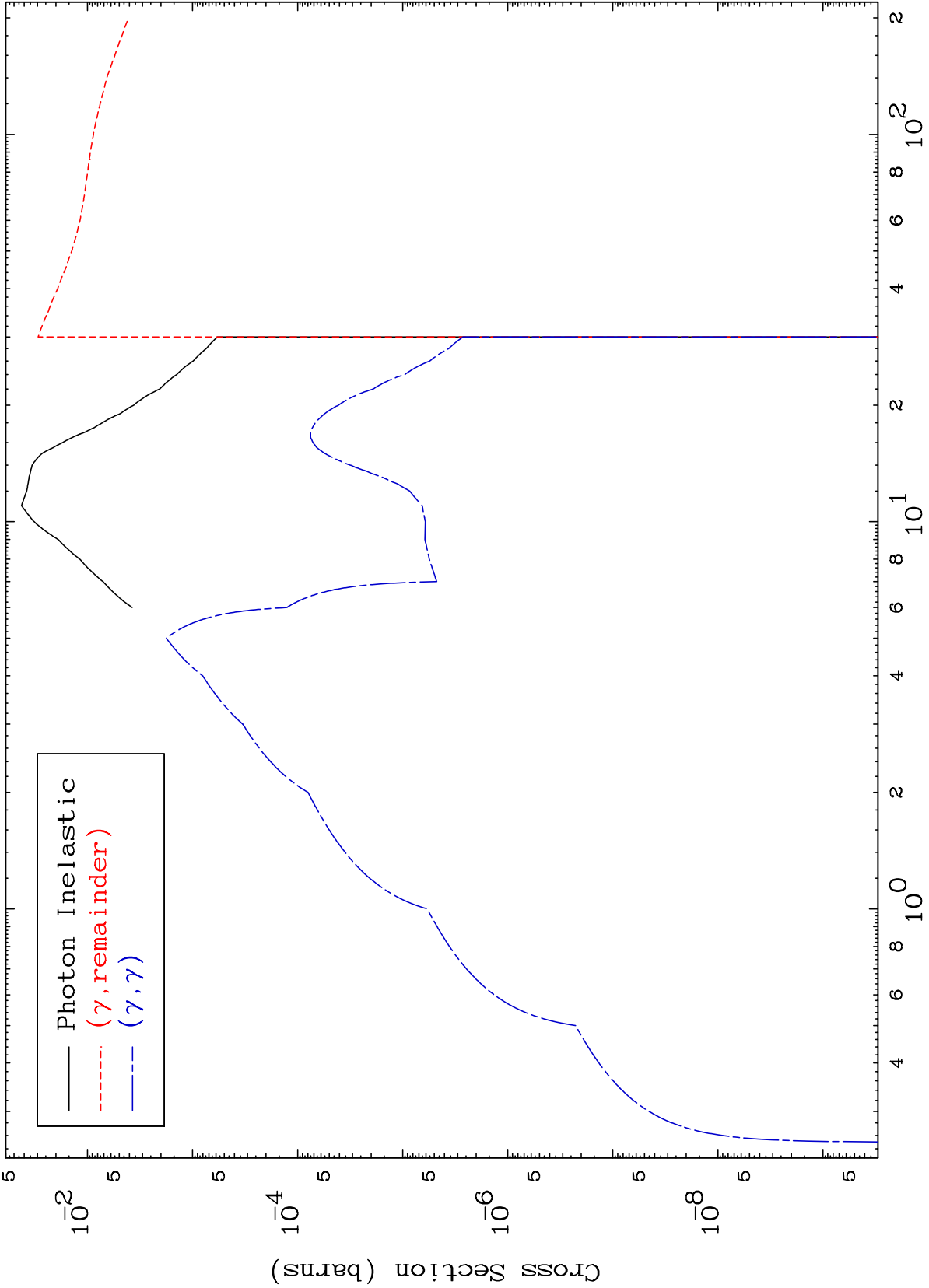
Press Mouse Button to Start

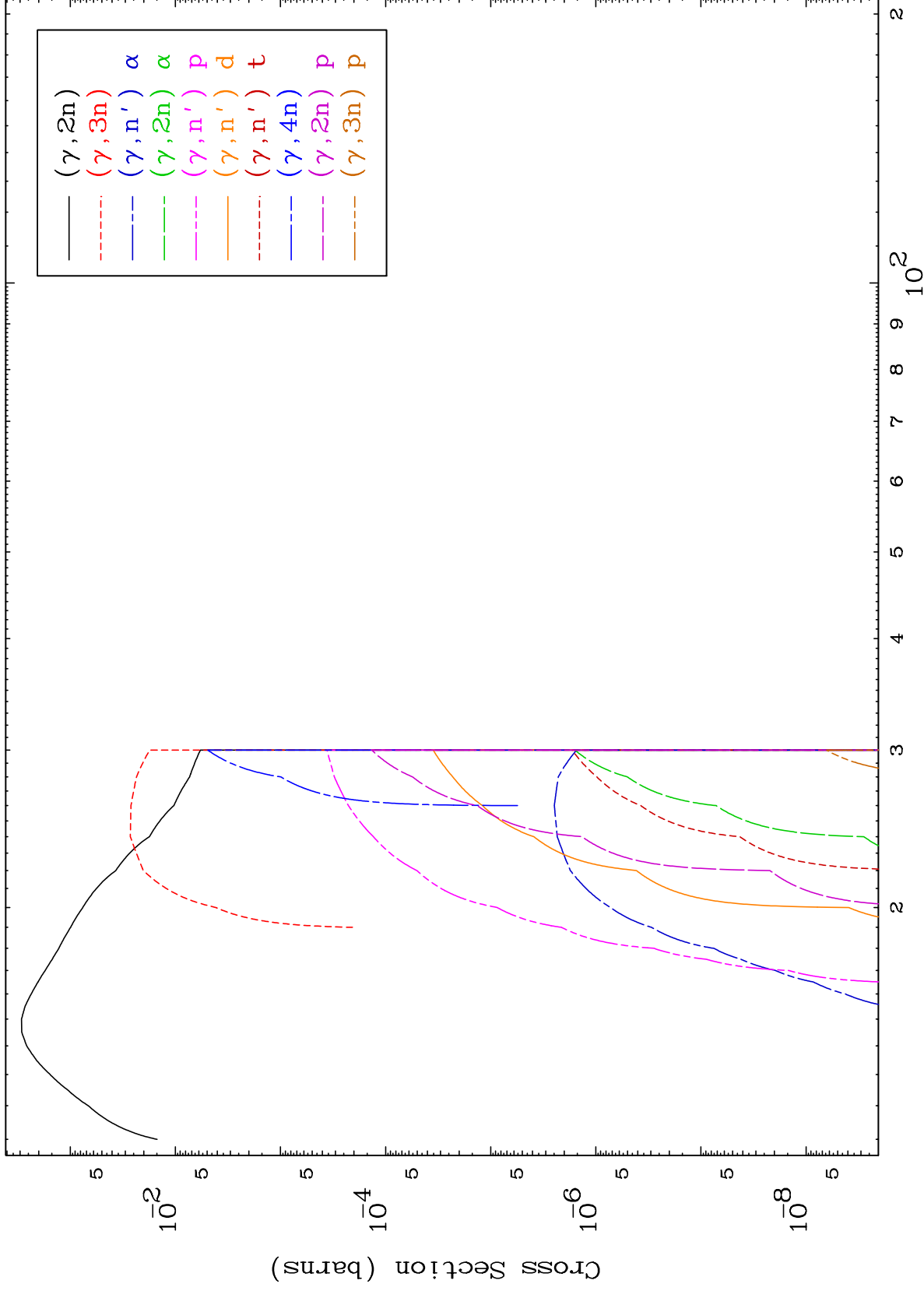
MAT 5543

Photon Major

55-Cs-139

0 Kelvin Cross Sections



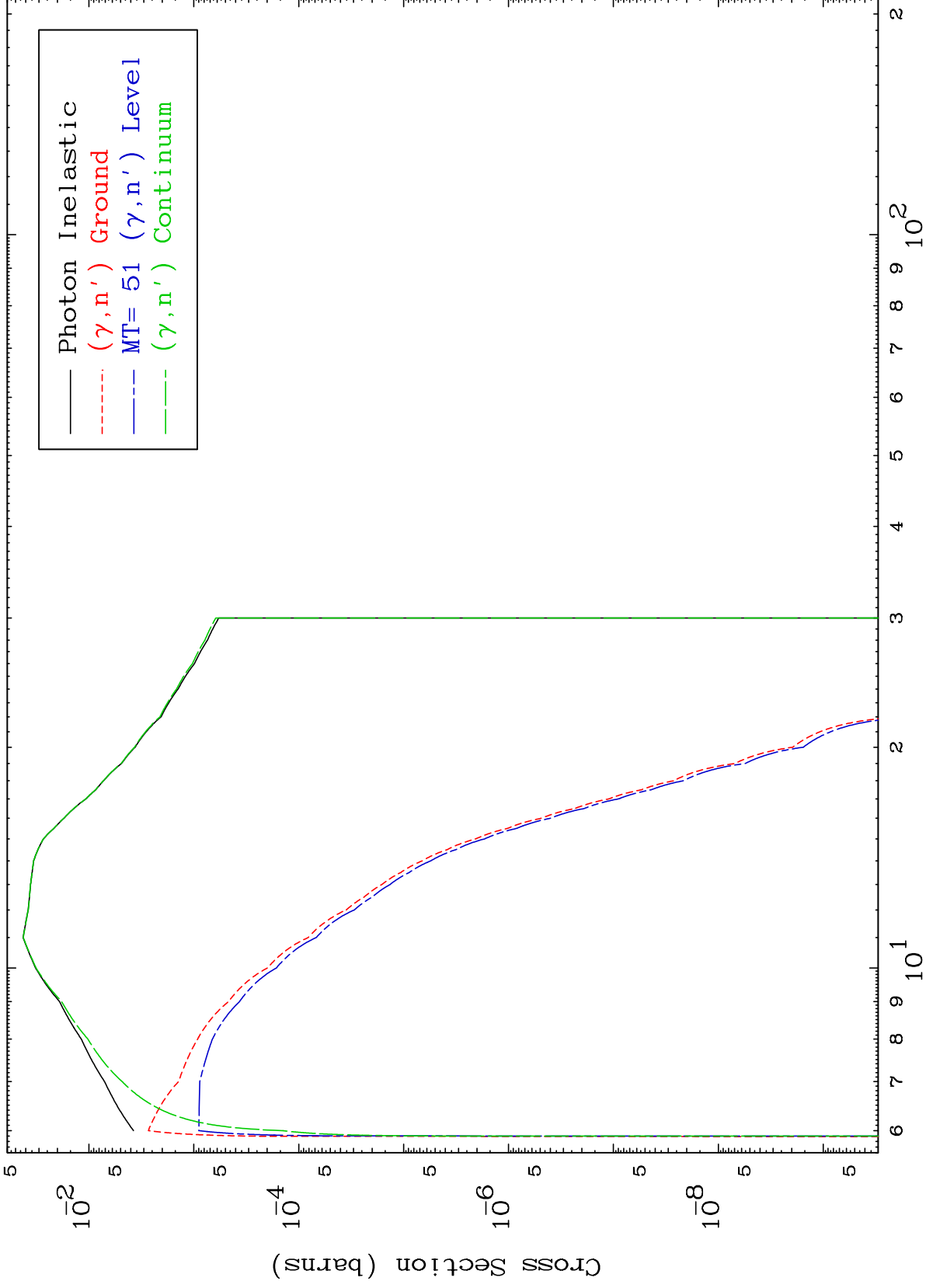


MAT 5543

(γ, n') Level

55-Cs-139

0 Kelvin Cross Sections



4

Incident Energy (MeV)

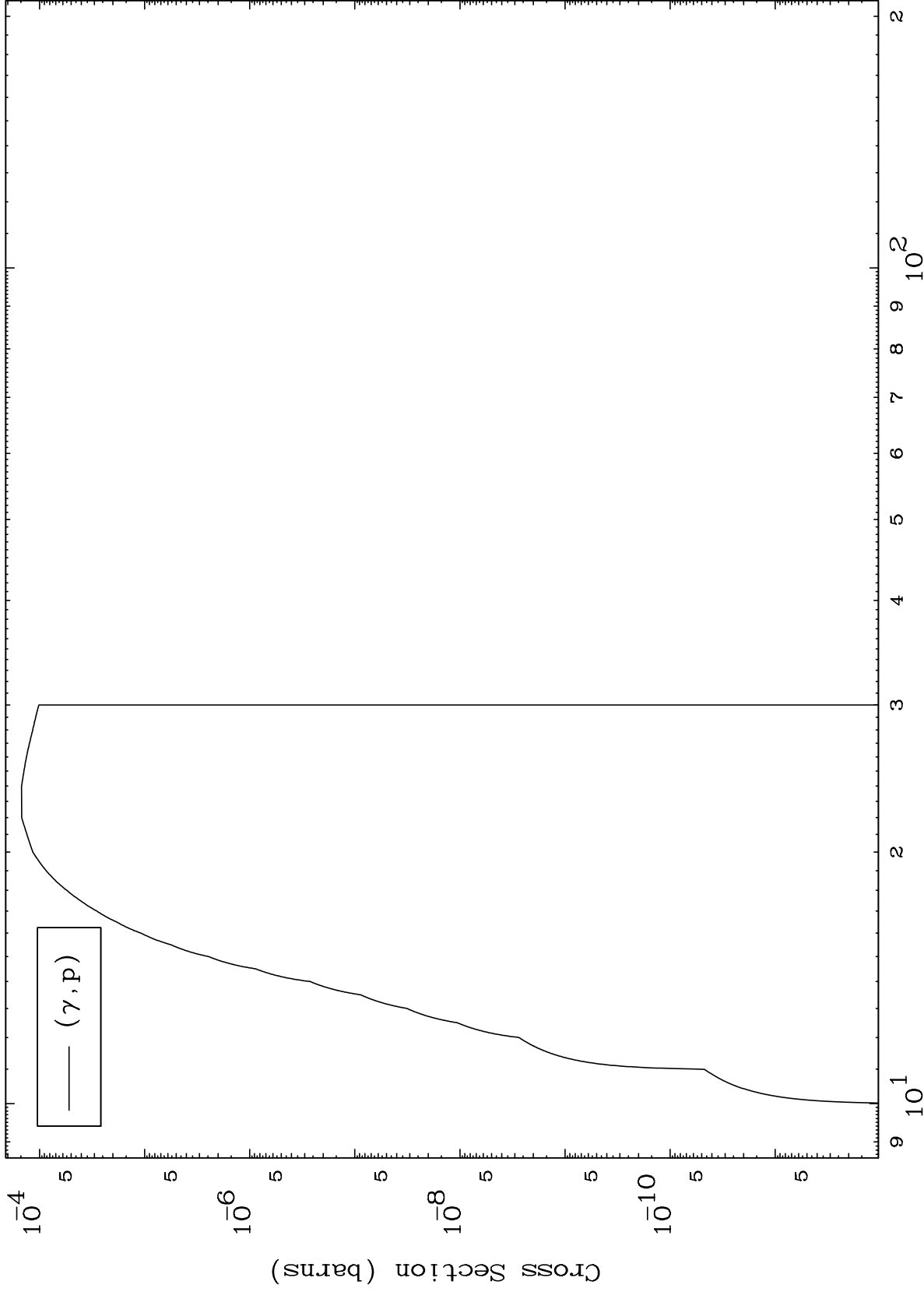
55-Cs-139

MAT 5543

(γ, p) Levels

55-Cs-139

0 Kelvin Cross Sections



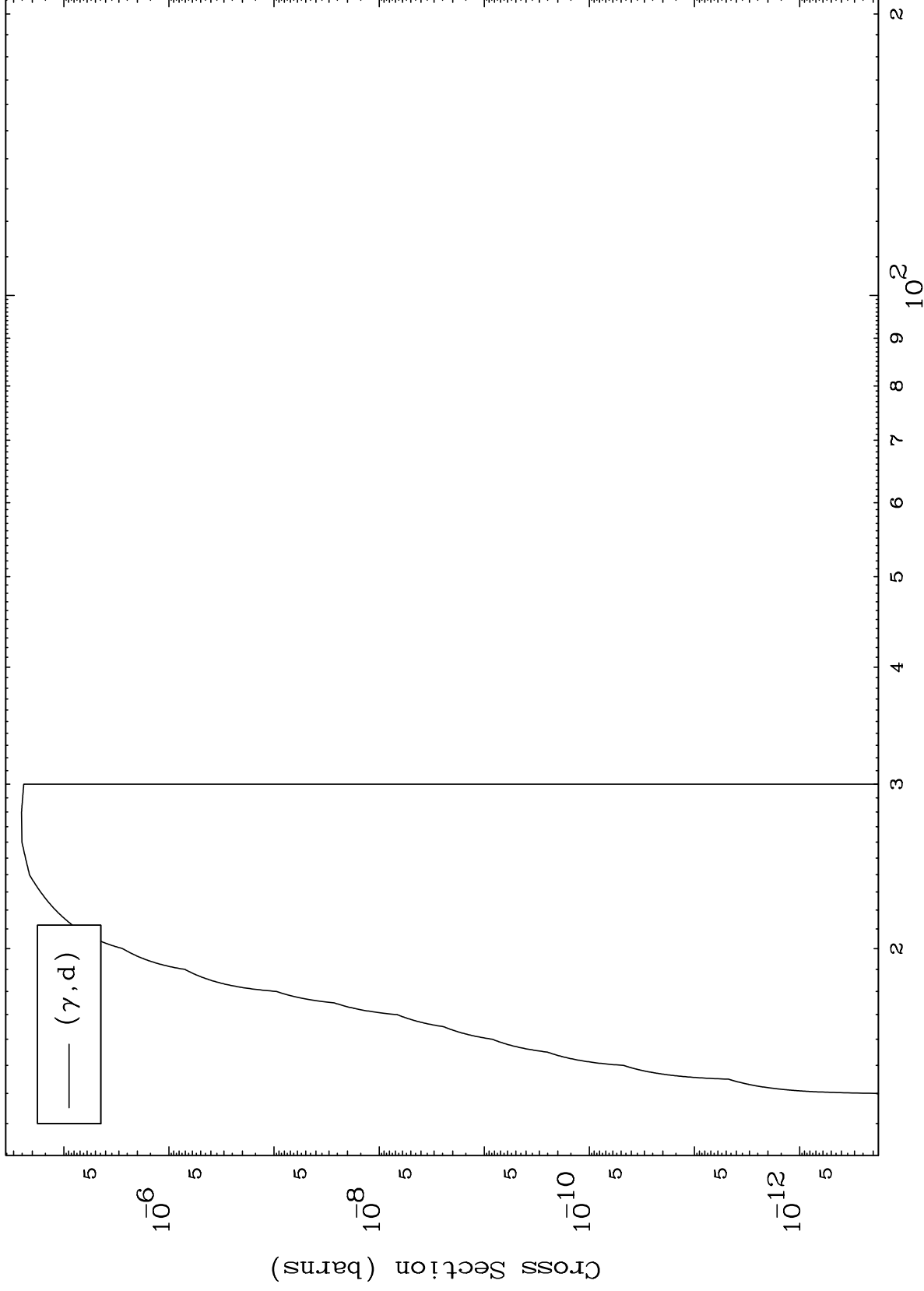
Incident Energy (MeV)

55-Cs-139

MAT 5543

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-139



6

Incident Energy (MeV)

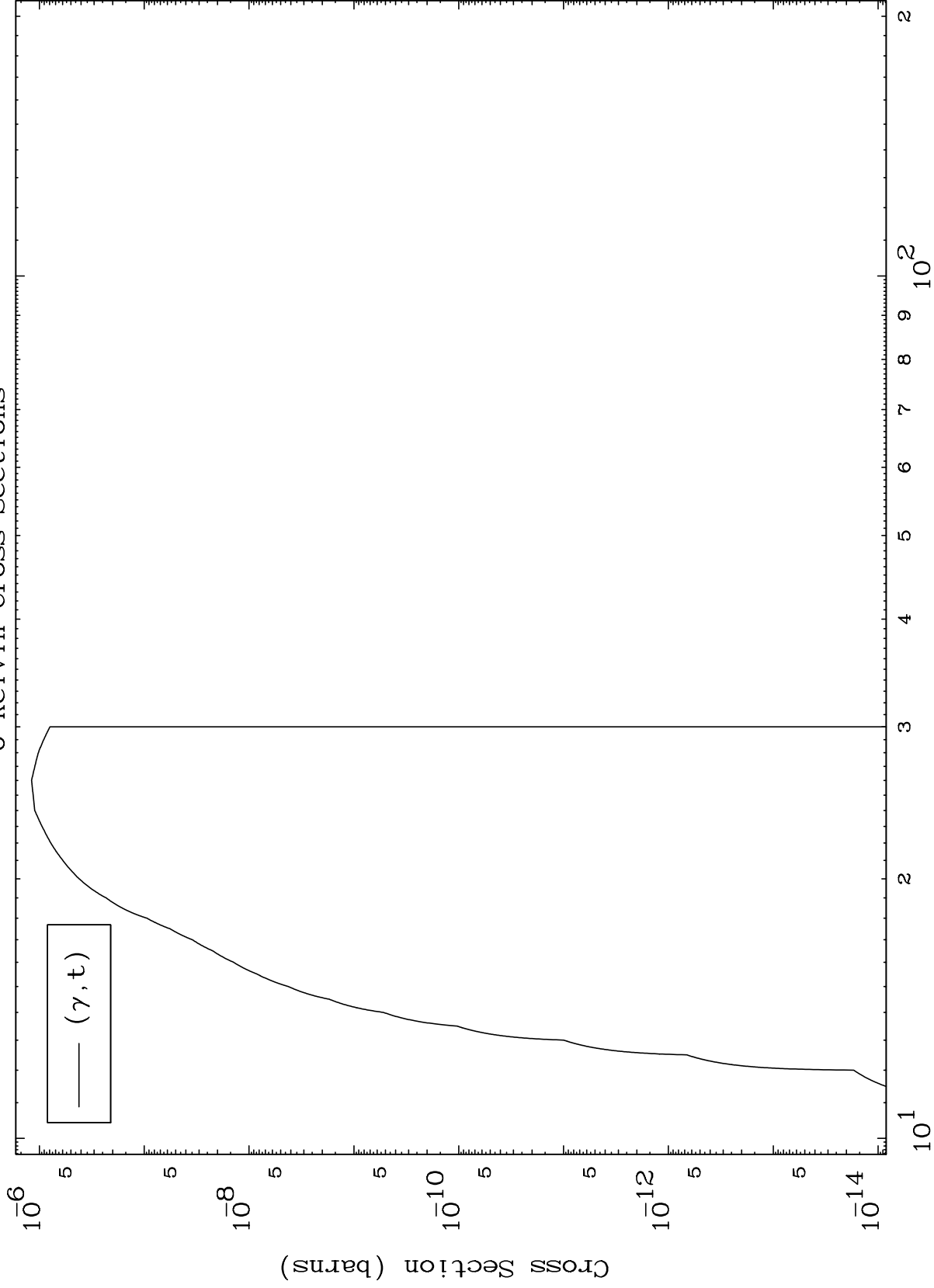
55-Cs-139

MAT 5543

(γ, t) Levels

55-Cs-139

0 Kelvin Cross Sections



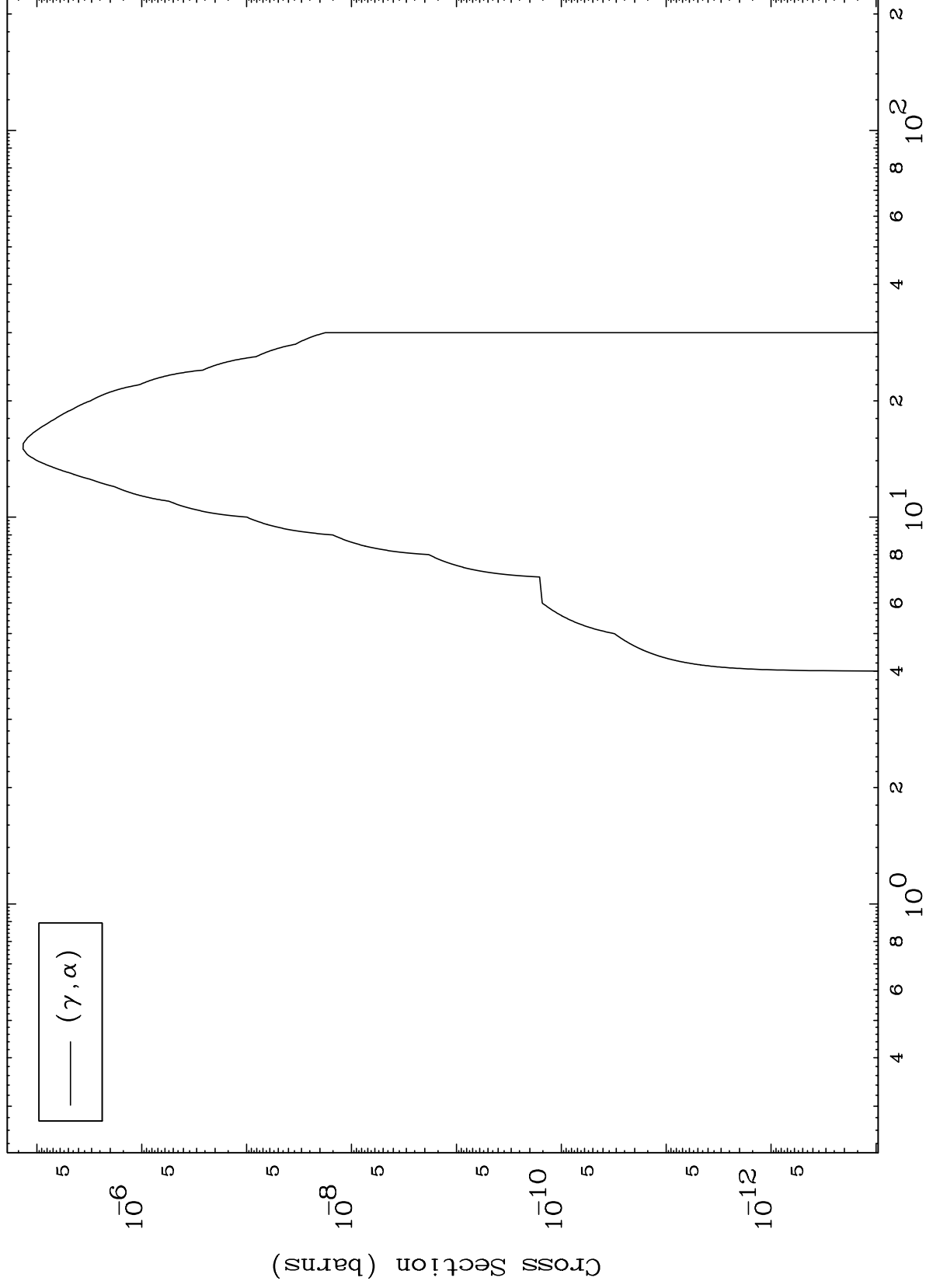
Incident Energy (MeV)

55-Cs-139

MAT 5543

(γ, α) Levels
0 Kelvin Cross Sections

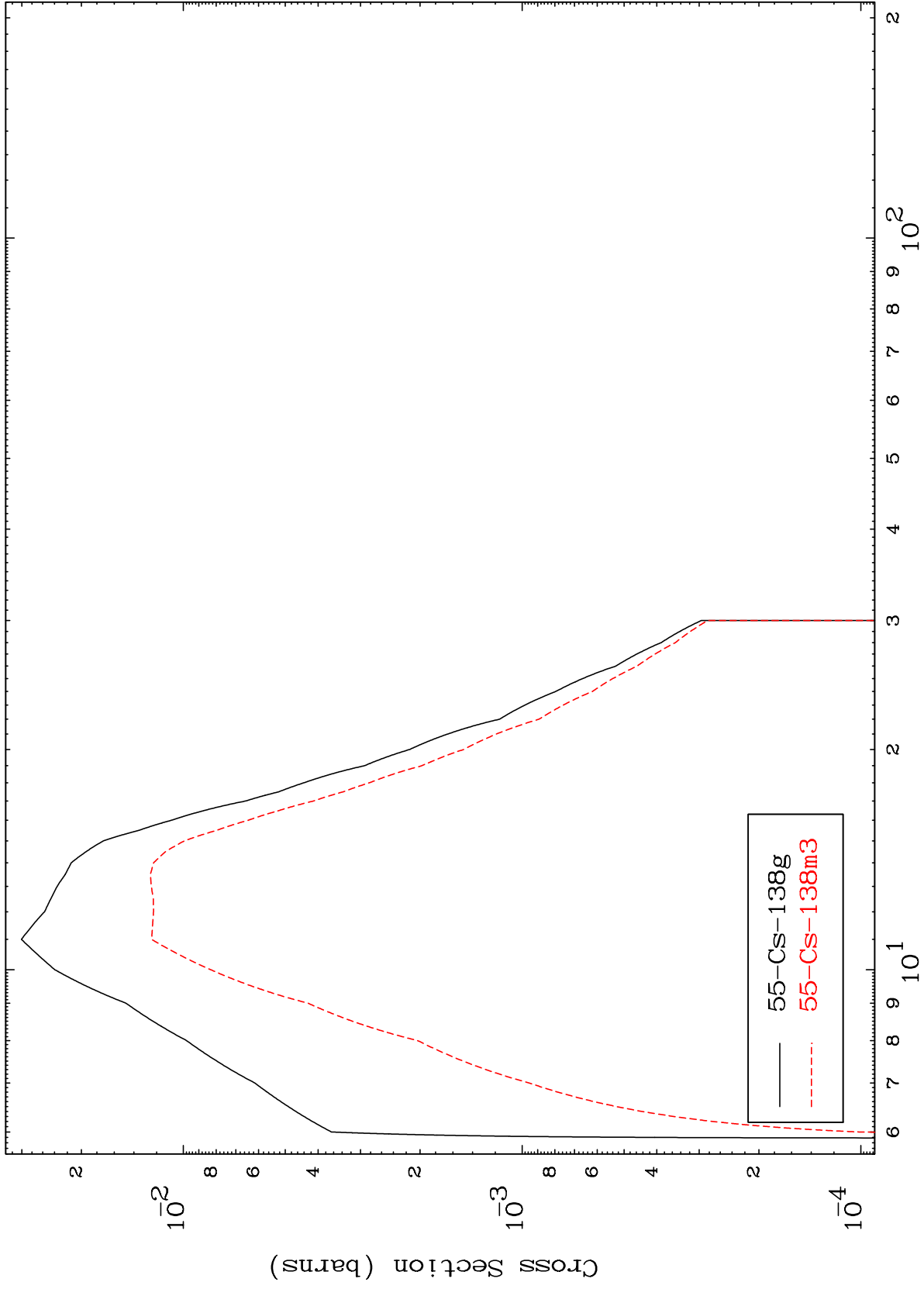
55-Cs-139



MAT 5543

Photon Inelastic
Radionuclide Production Cross Section

55-Cs-139



9

Incident Energy (MeV)

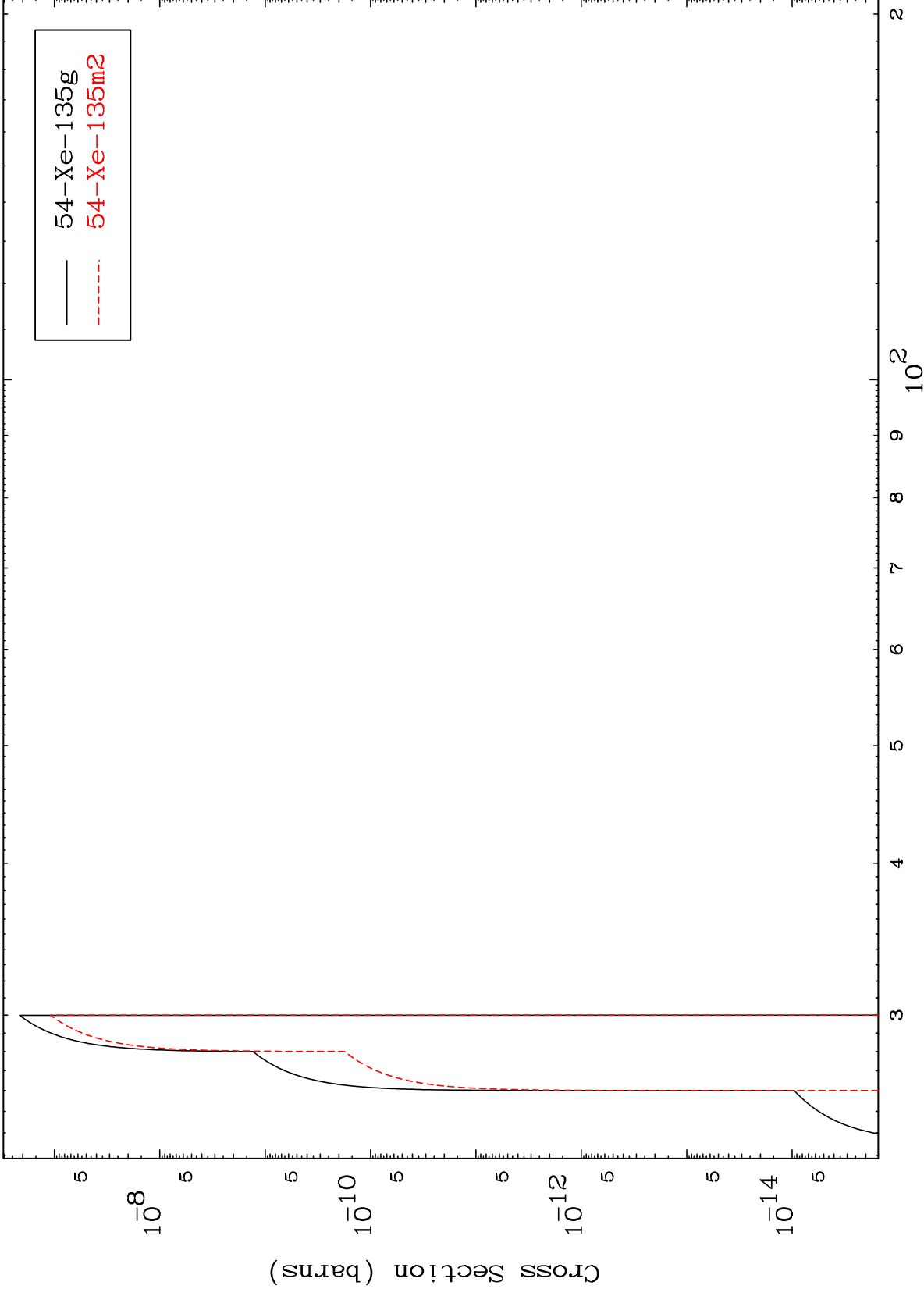
55-Cs-139

MAT 5543

($\gamma, 2n$) d

55-Cs-139

Radionuclide Production Cross Section



10

Incident Energy (MeV)

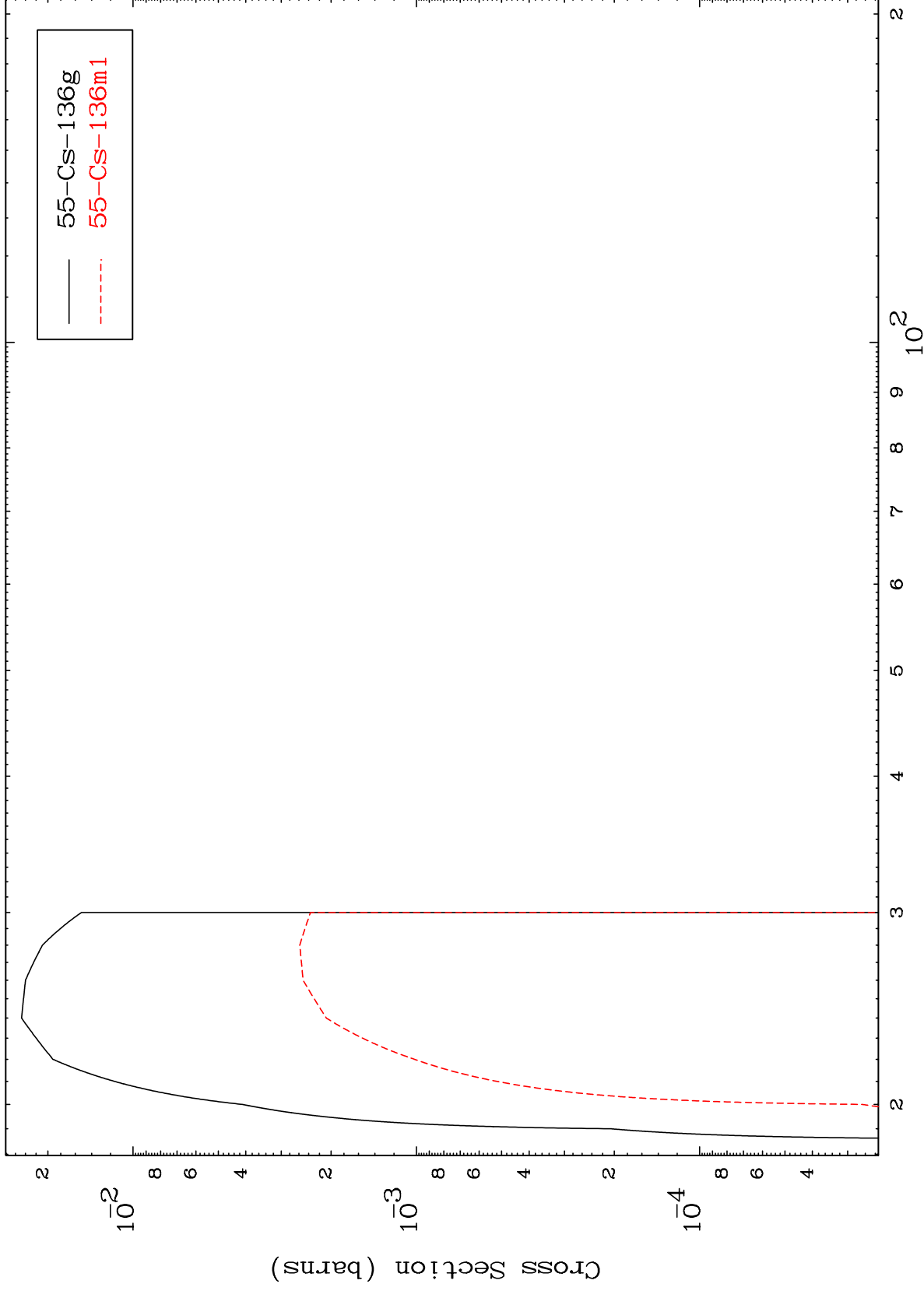
55-Cs-139

MAT 5543

($\gamma, 3n$)

55-Cs-139

Radionuclide Production Cross Section

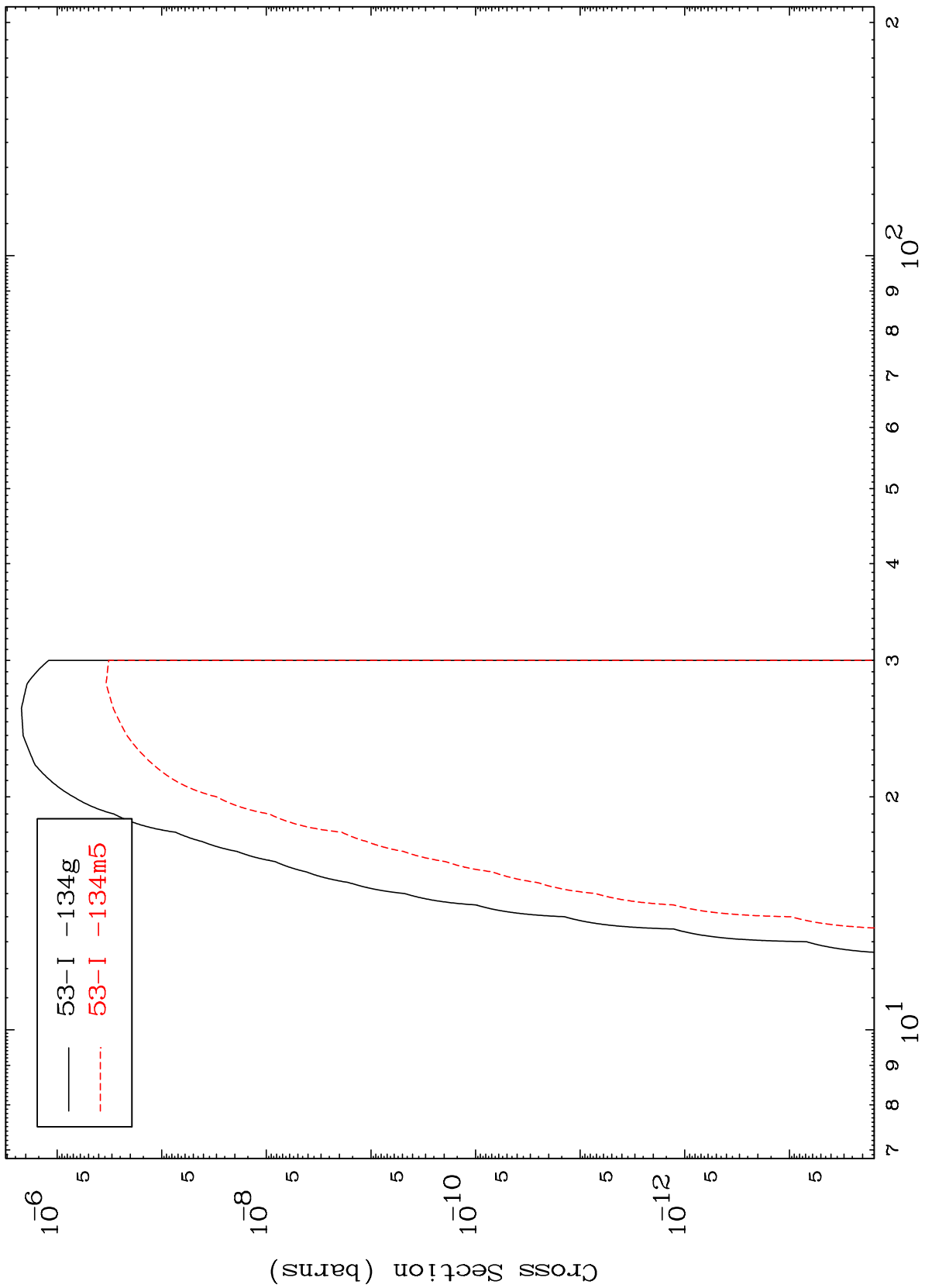


MAT 5543

(γ, n') α

55-Cs-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

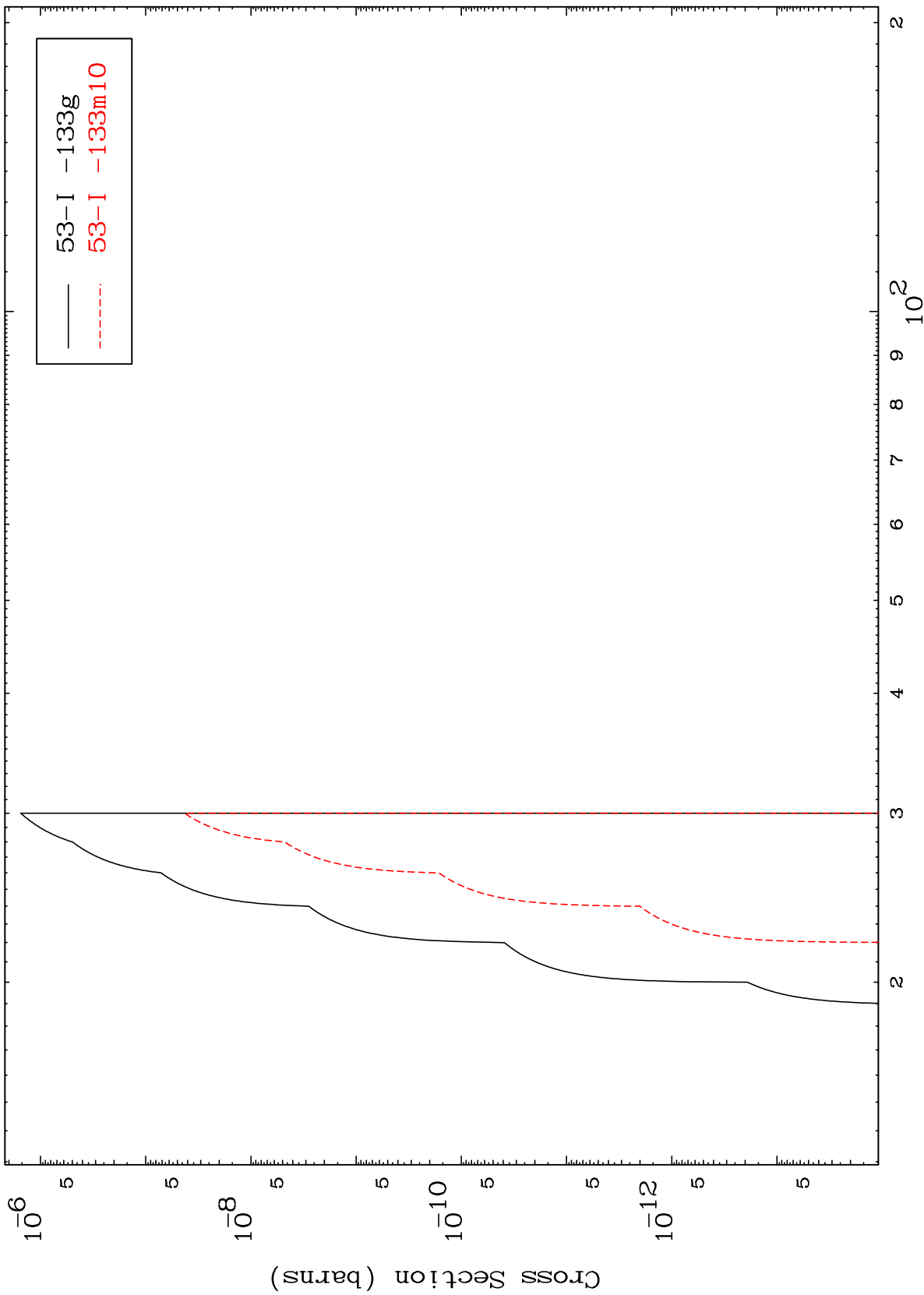
55-Cs-139

MAT 5543

$(\gamma, 2n) \alpha$

55-Cs-139

Radionuclide Production Cross Section



13

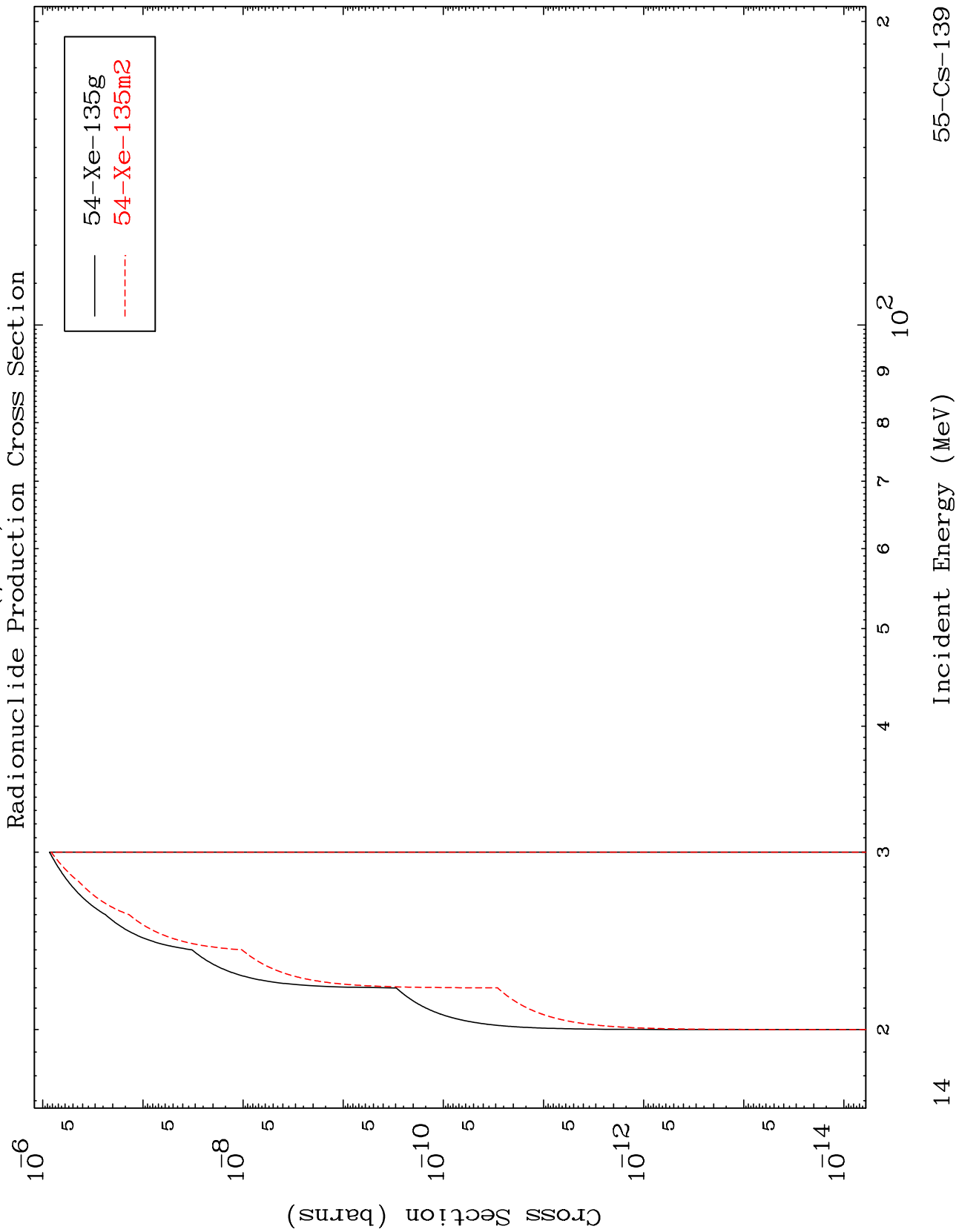
Incident Energy (MeV)

55-Cs-139

MAT 5543

(γ, n') t

55-Cs-139



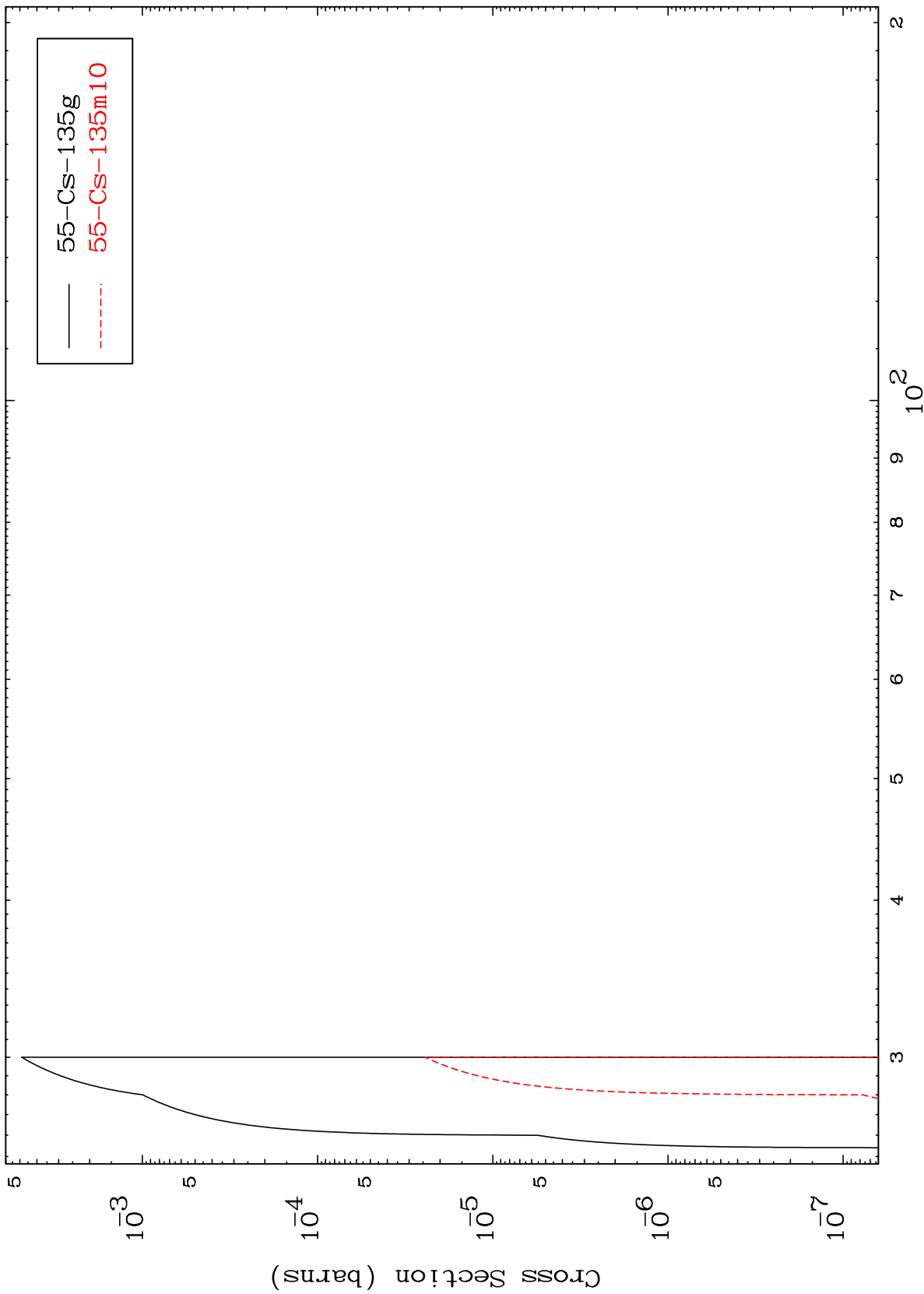
14

55-Cs-139

MAT 5543

55-Cs-139

($\gamma, 4n$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

55-Cs-139

Radionuclide Production Cross Section

