

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

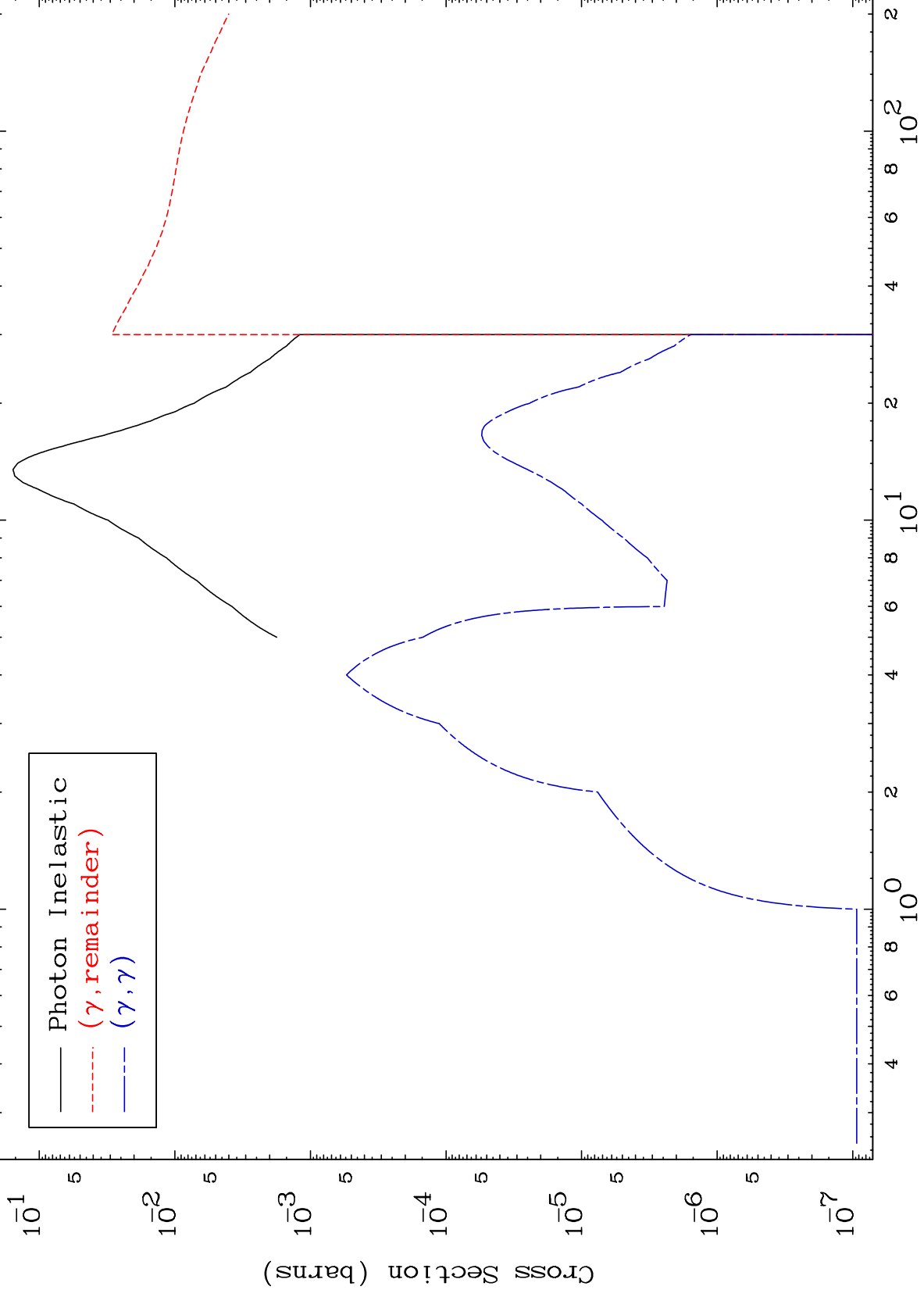
Web:redcullen1.net/HOMEPAGE.NEW

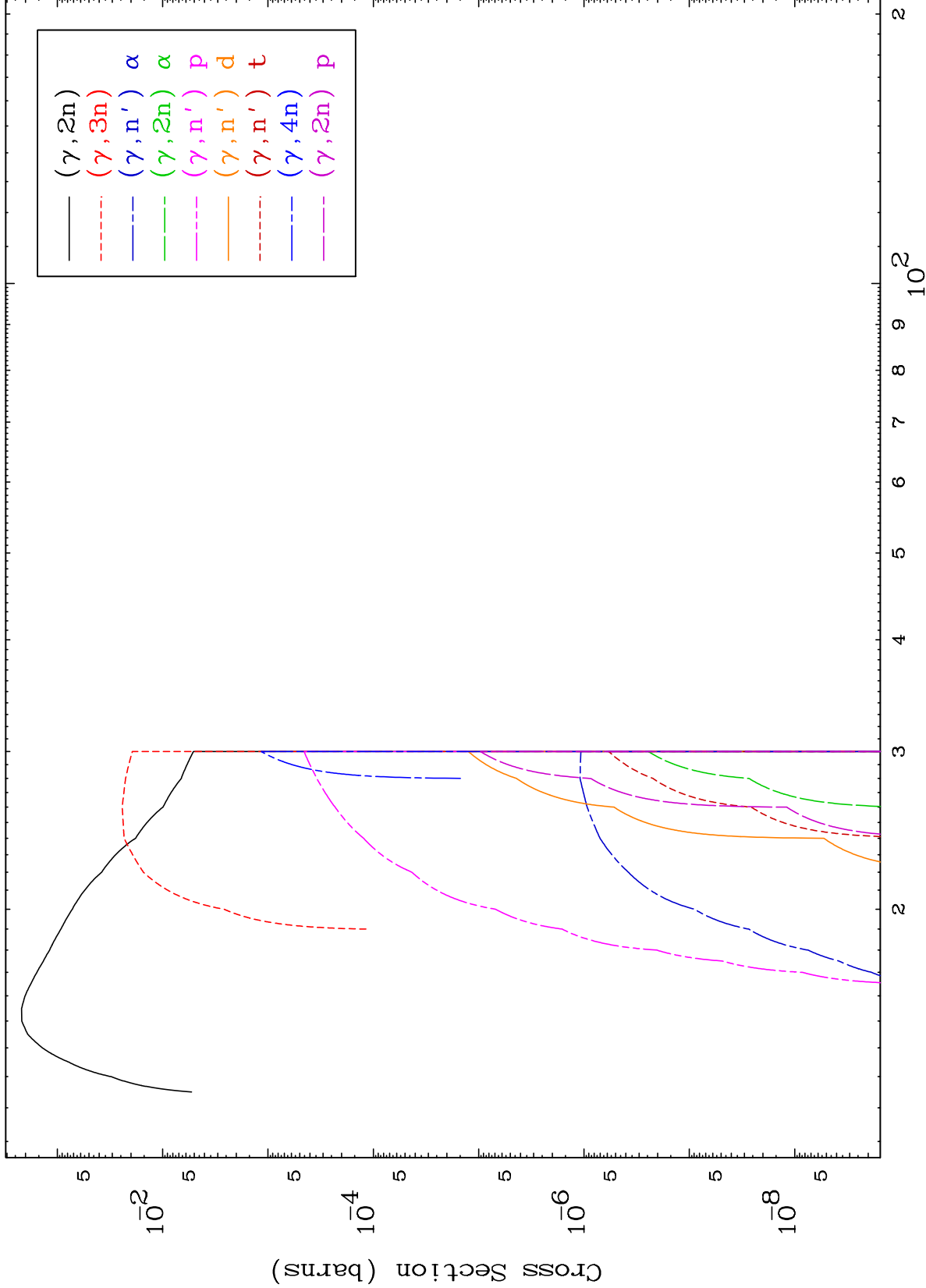
Press Mouse Button to Start

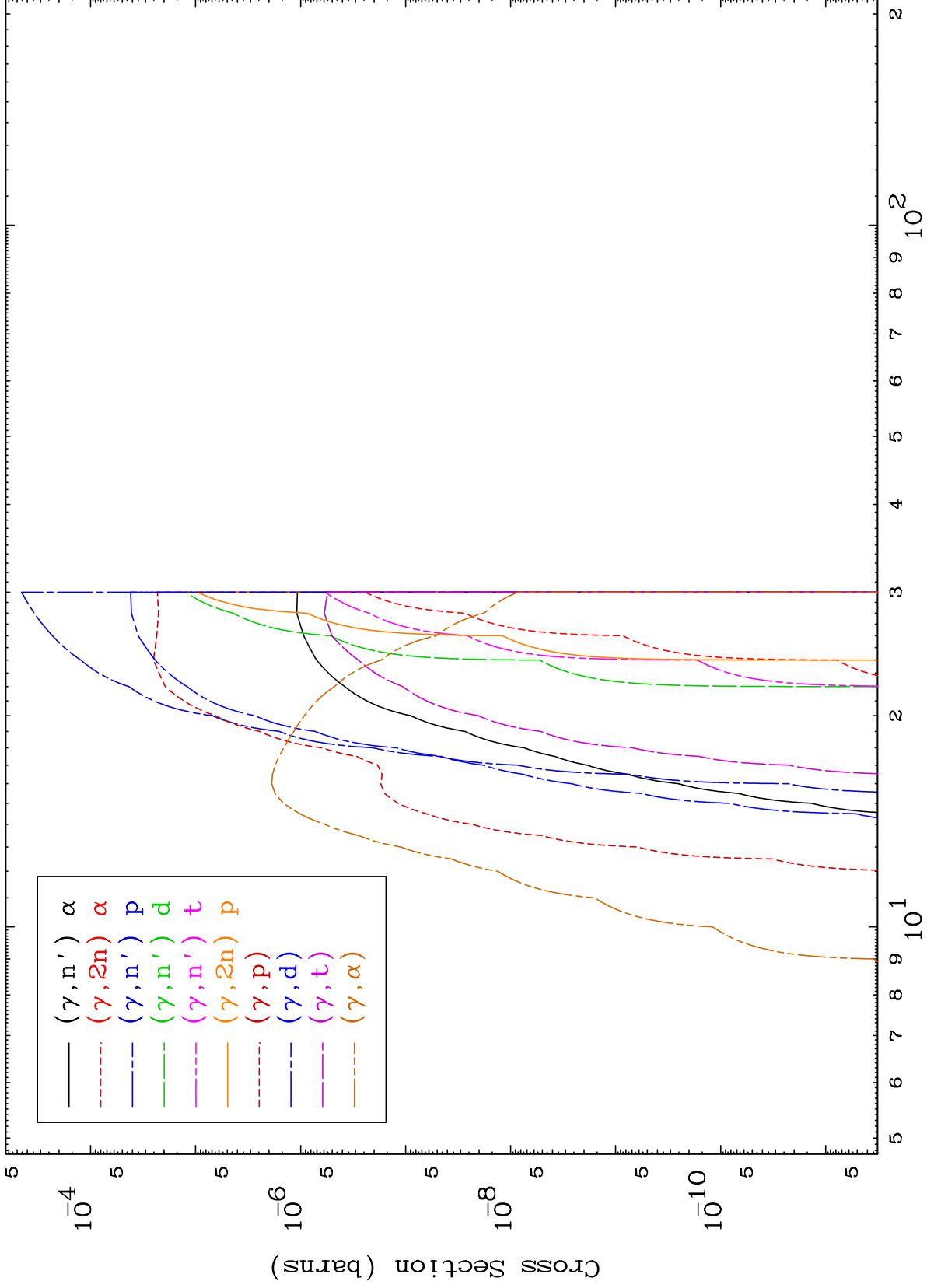
MAT 5464

Photon Major
0 Kelvin Cross Sections

54-Xe-137





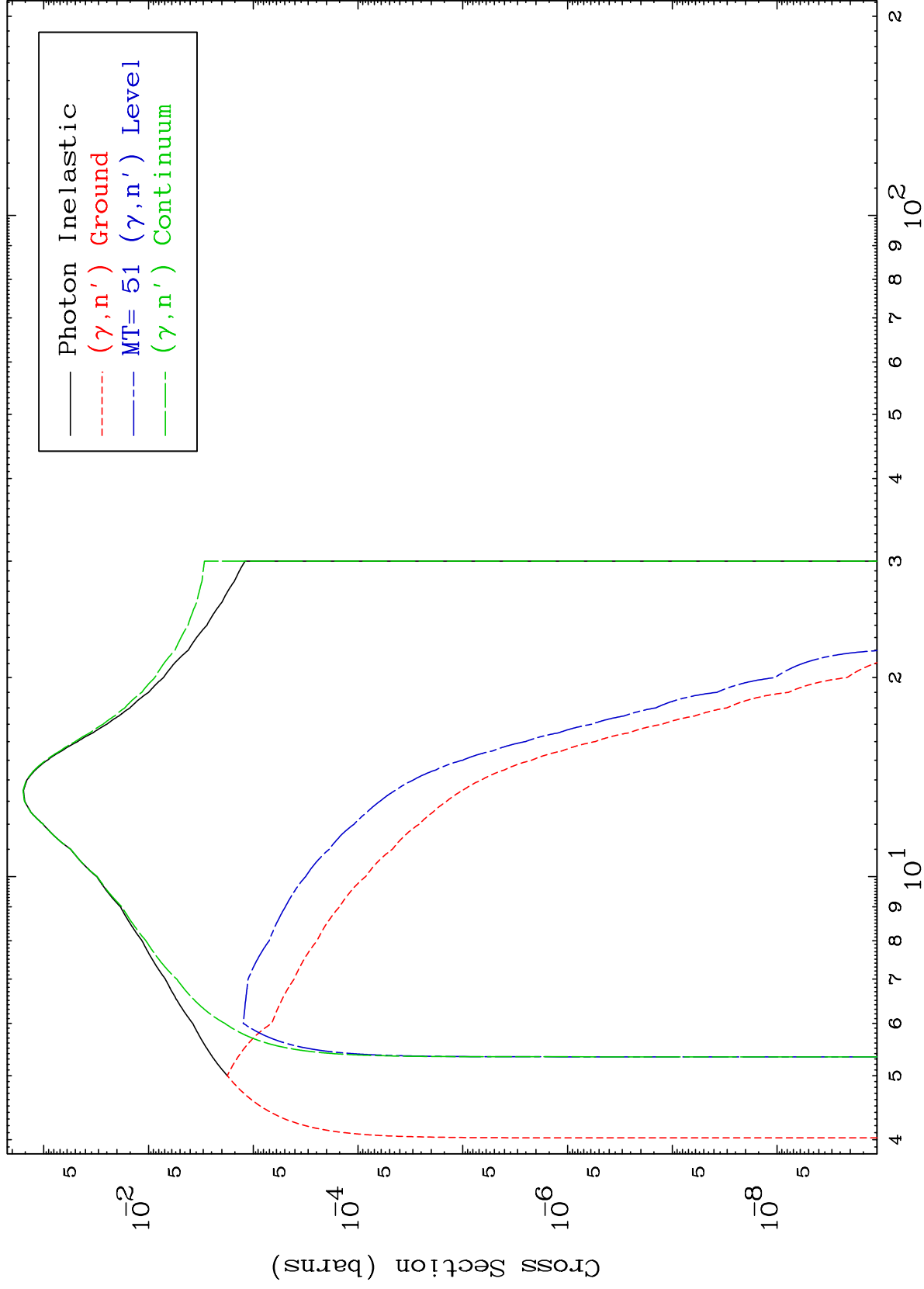


MAT 5464

(γ, n') Level

54-Xe-137

0 Kelvin Cross Sections



4

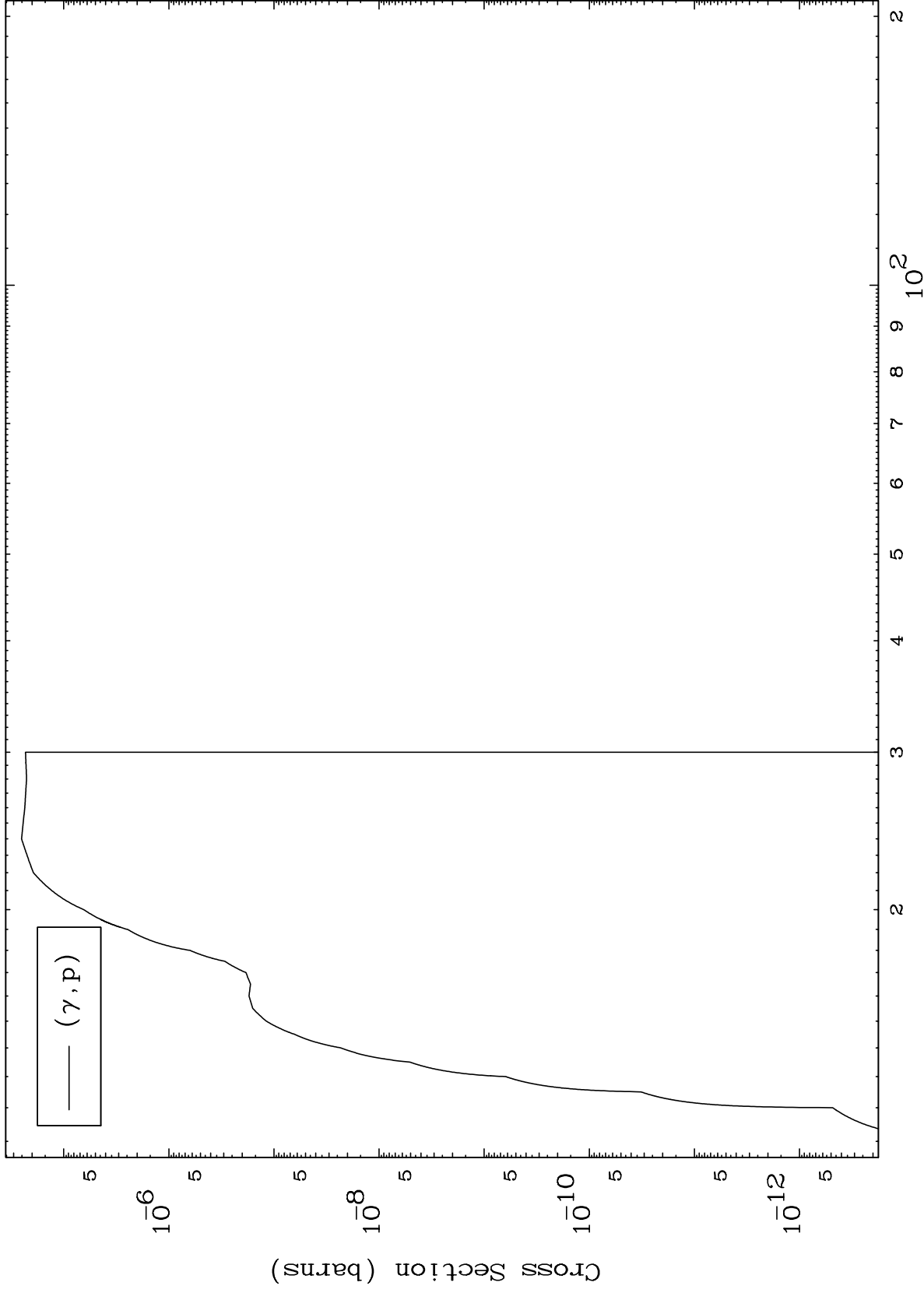
Incident Energy (MeV)

54-Xe-137

MAT 5464

(γ, p) Levels
0 Kelvin Cross Sections

54-Xe-137



5

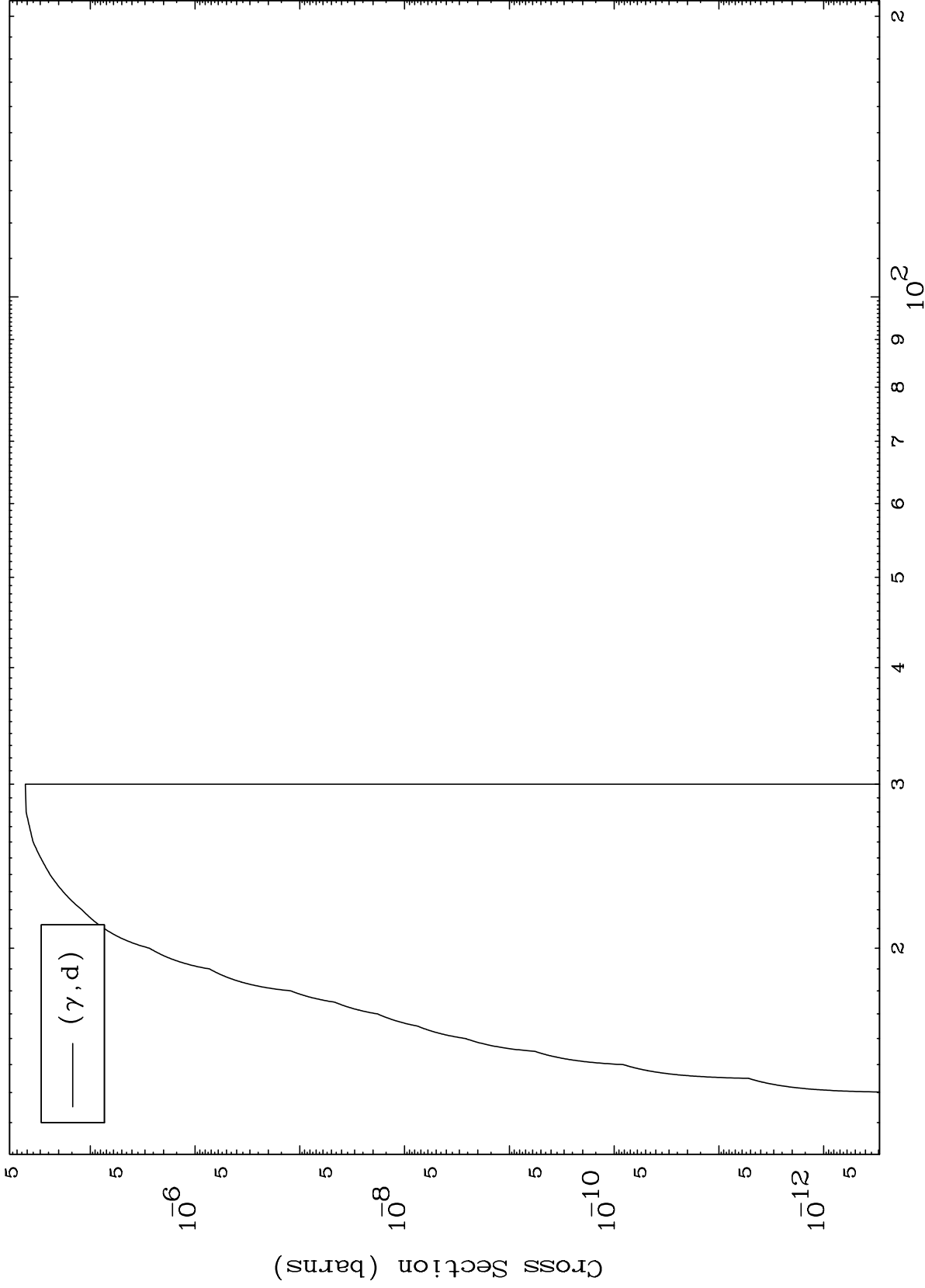
Incident Energy (MeV)

54-Xe-137

MAT 5464

(γ, d) Levels
0 Kelvin Cross Sections

54-Xe-137



6

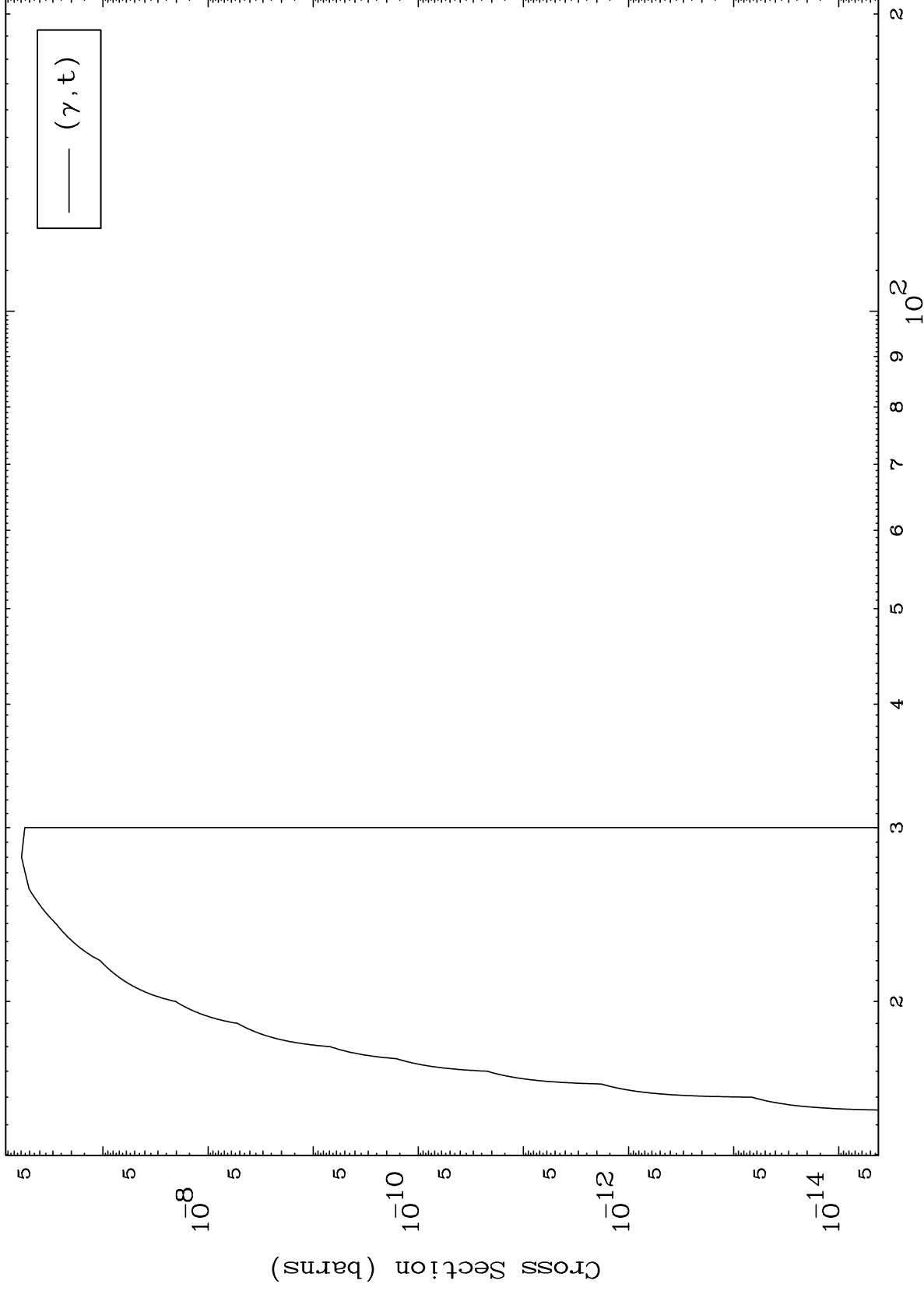
Incident Energy (MeV)

54-Xe-137

MAT 5464

(γ, t) Levels
0 Kelvin Cross Sections

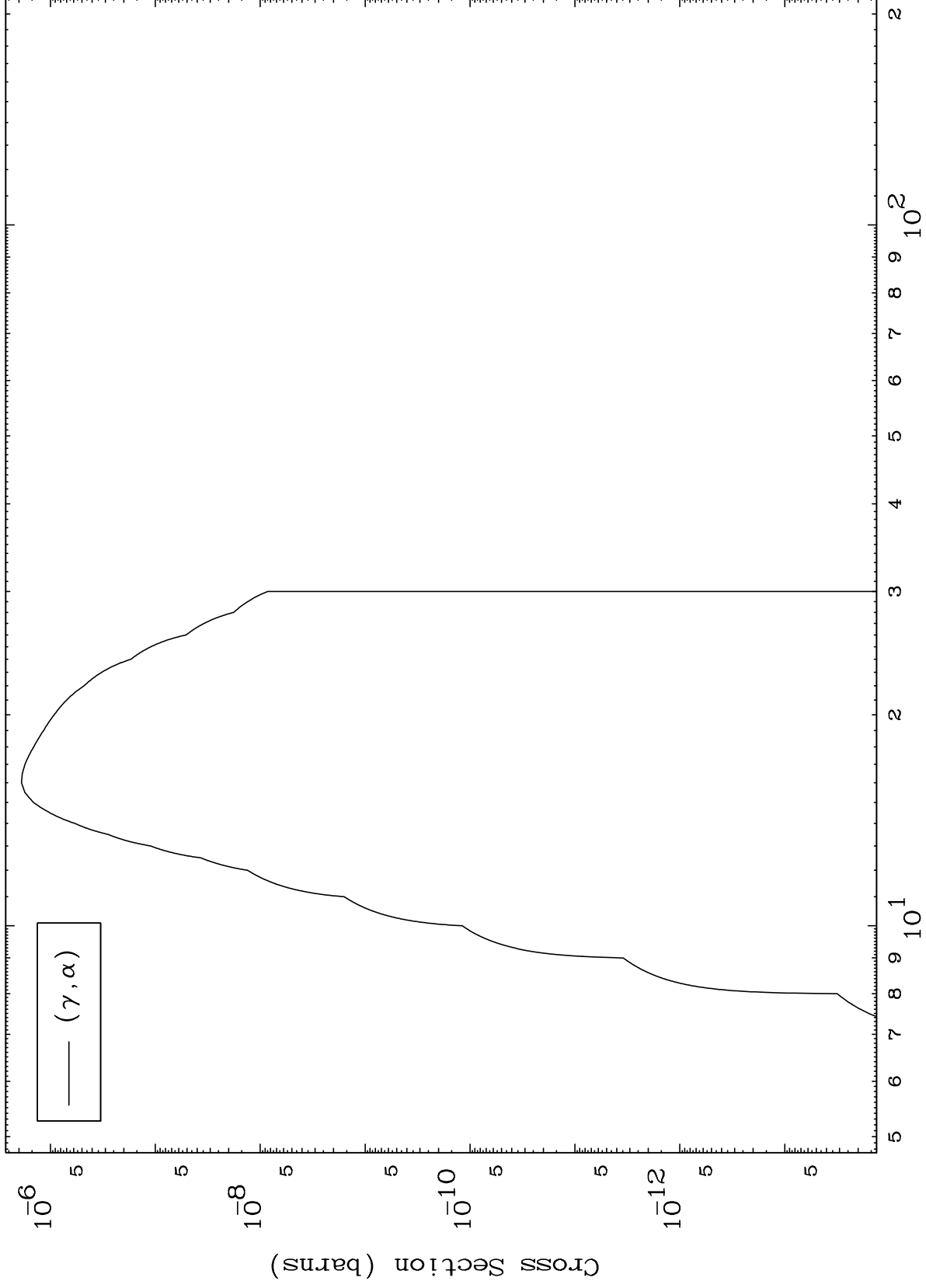
54-Xe-137



MAT 5464

(γ, α) Levels
0 Kelvin Cross Sections

54-Xe-137



8

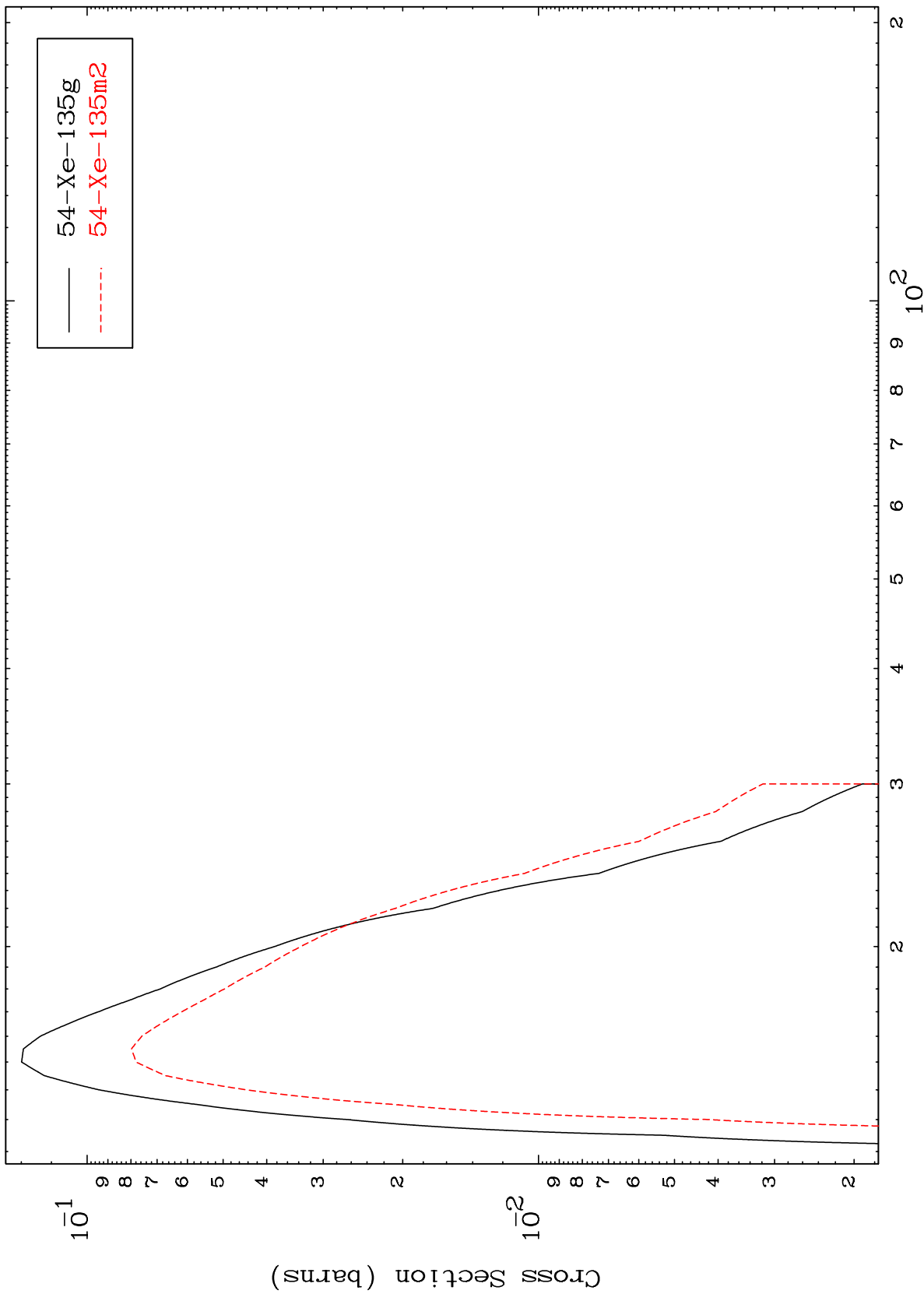
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

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



9

Incident Energy (MeV)

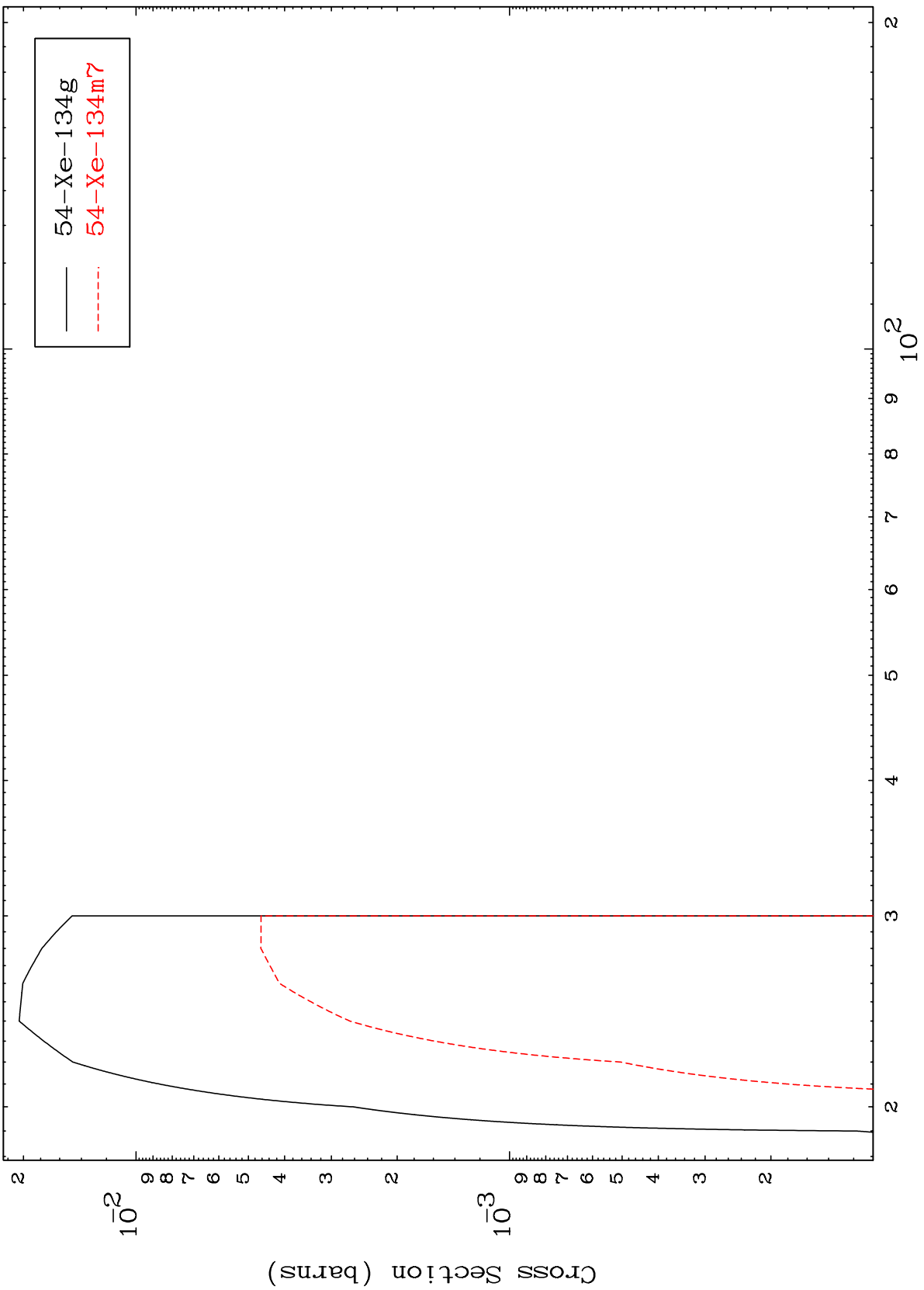
54-Xe-137

MAT 5464

54-Xe-137

($\gamma, 3n$)

Radionuclide Production Cross Section



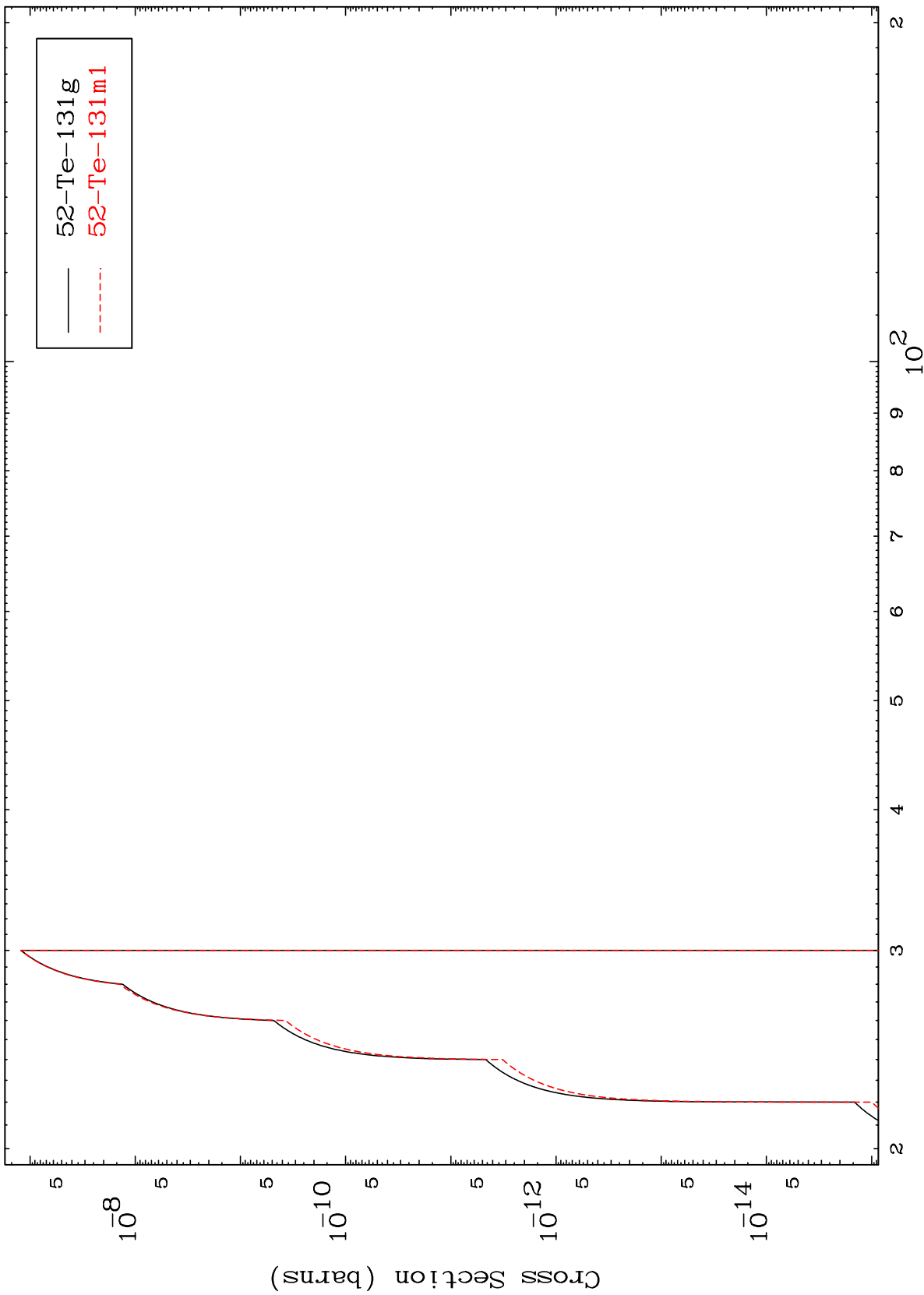
54-Xe-134g
54-Xe-134m7

10

Incident Energy (MeV)

54-Xe-137

Radionuclide Production Cross Section

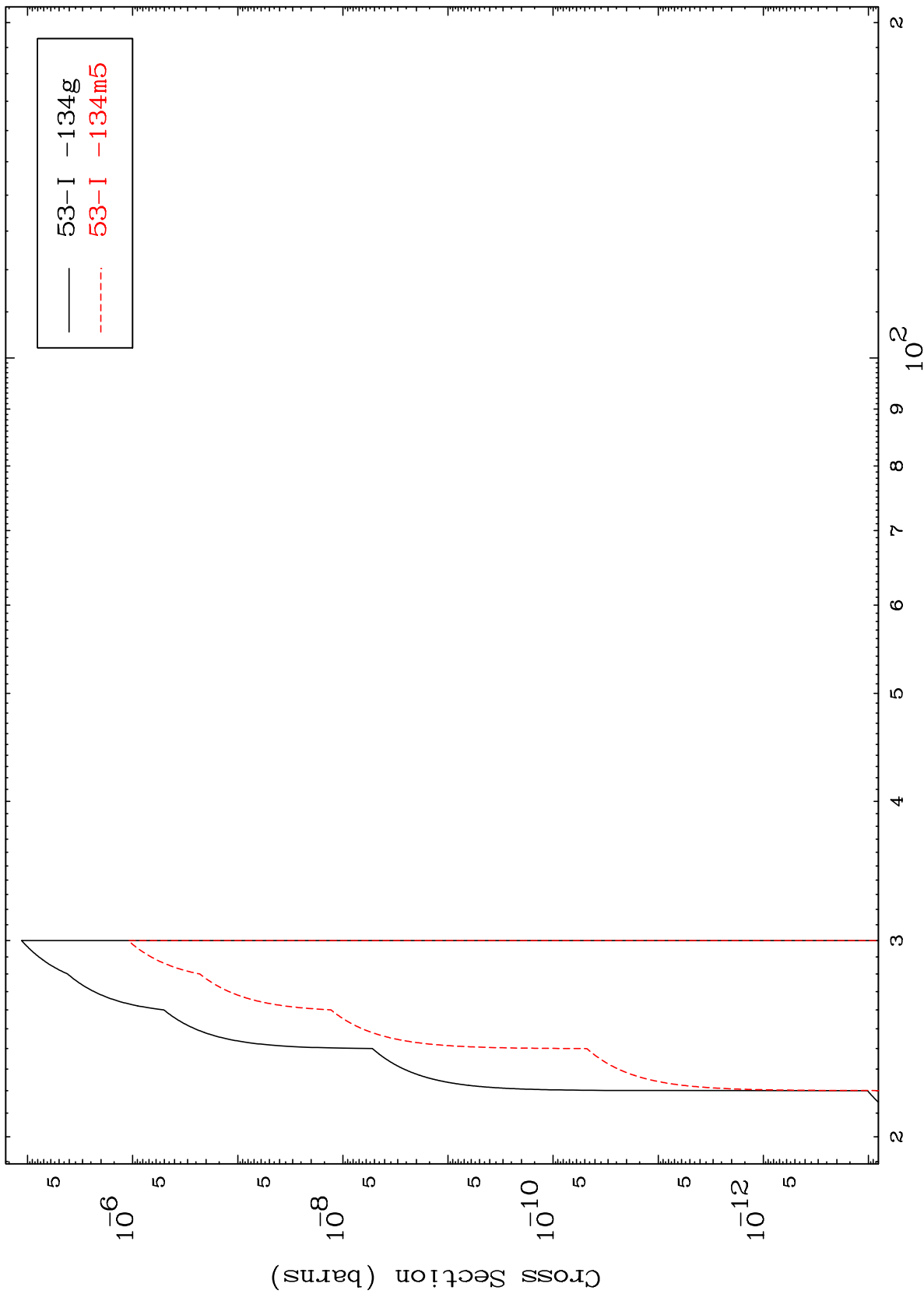


MAT 5464

(γ, n') d

54-Xe-137

Radionuclide Production Cross Section

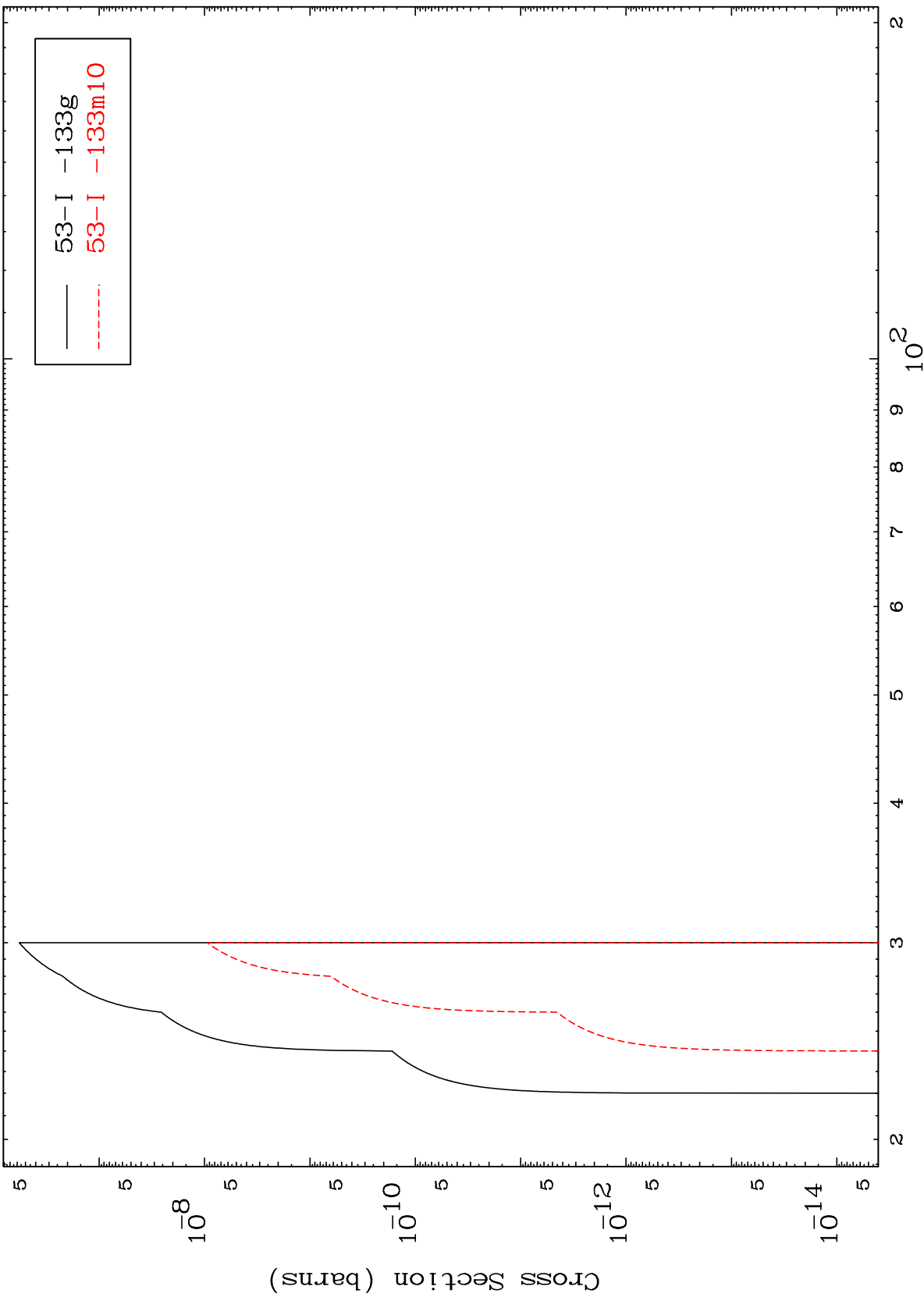


12

Incident Energy (MeV)

54-Xe-137

Radionuclide Production Cross Section



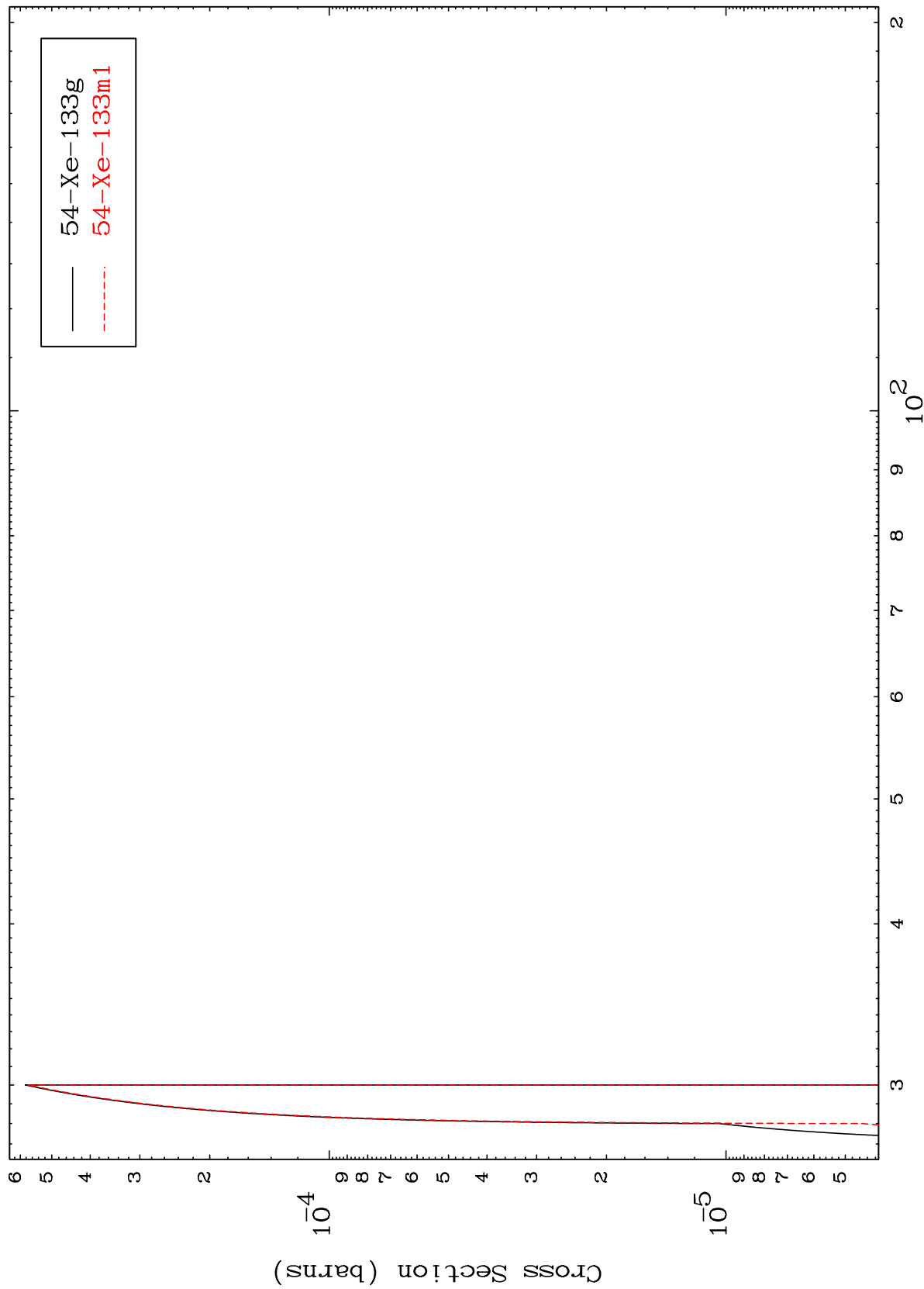
53-I -133g
53-I -133m10

MAT 5464

54-Xe-137

($\gamma, 4n$)

Radionuclide Production Cross Section



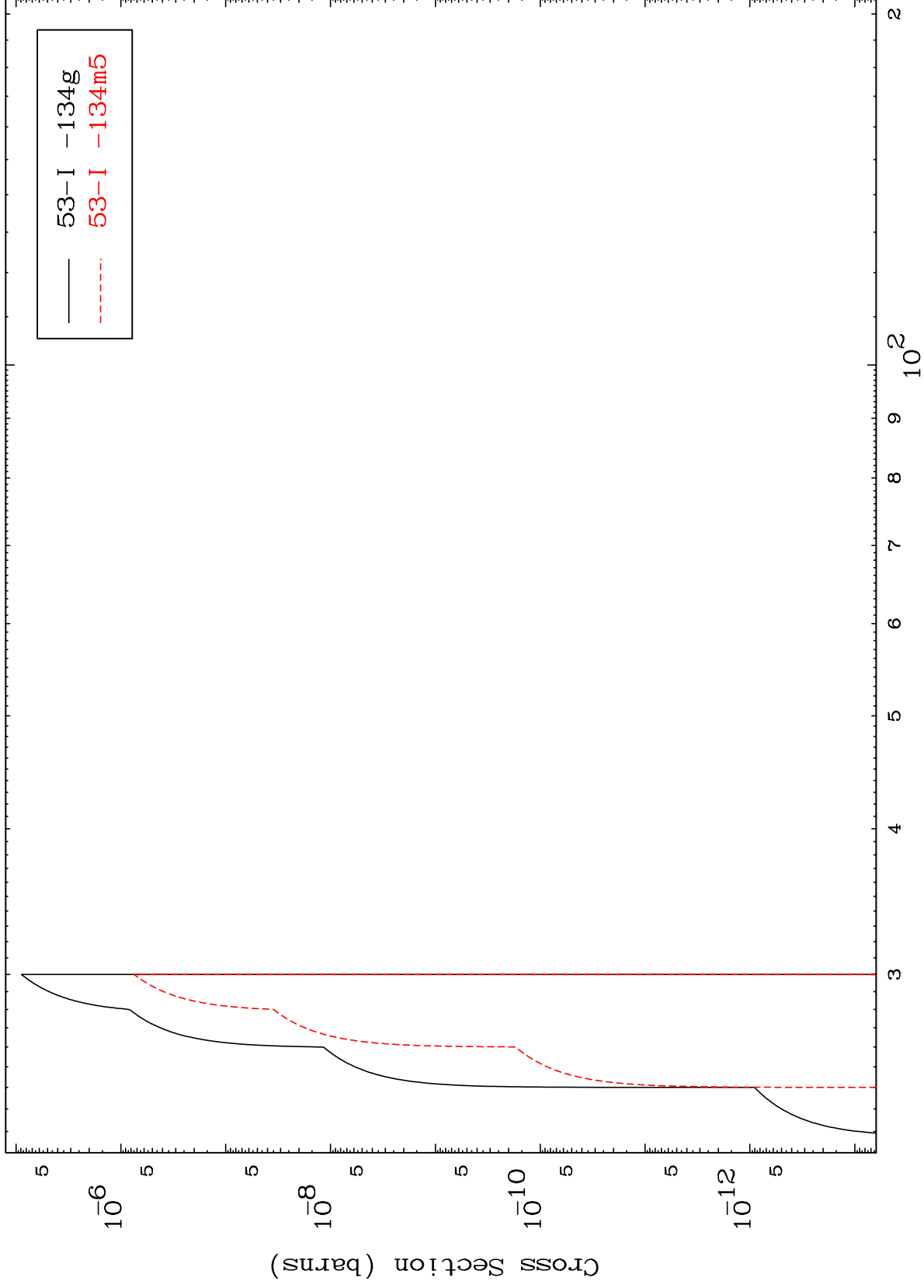
54-Xe-133g
54-Xe-133m1

14

Incident Energy (MeV)

54-Xe-137

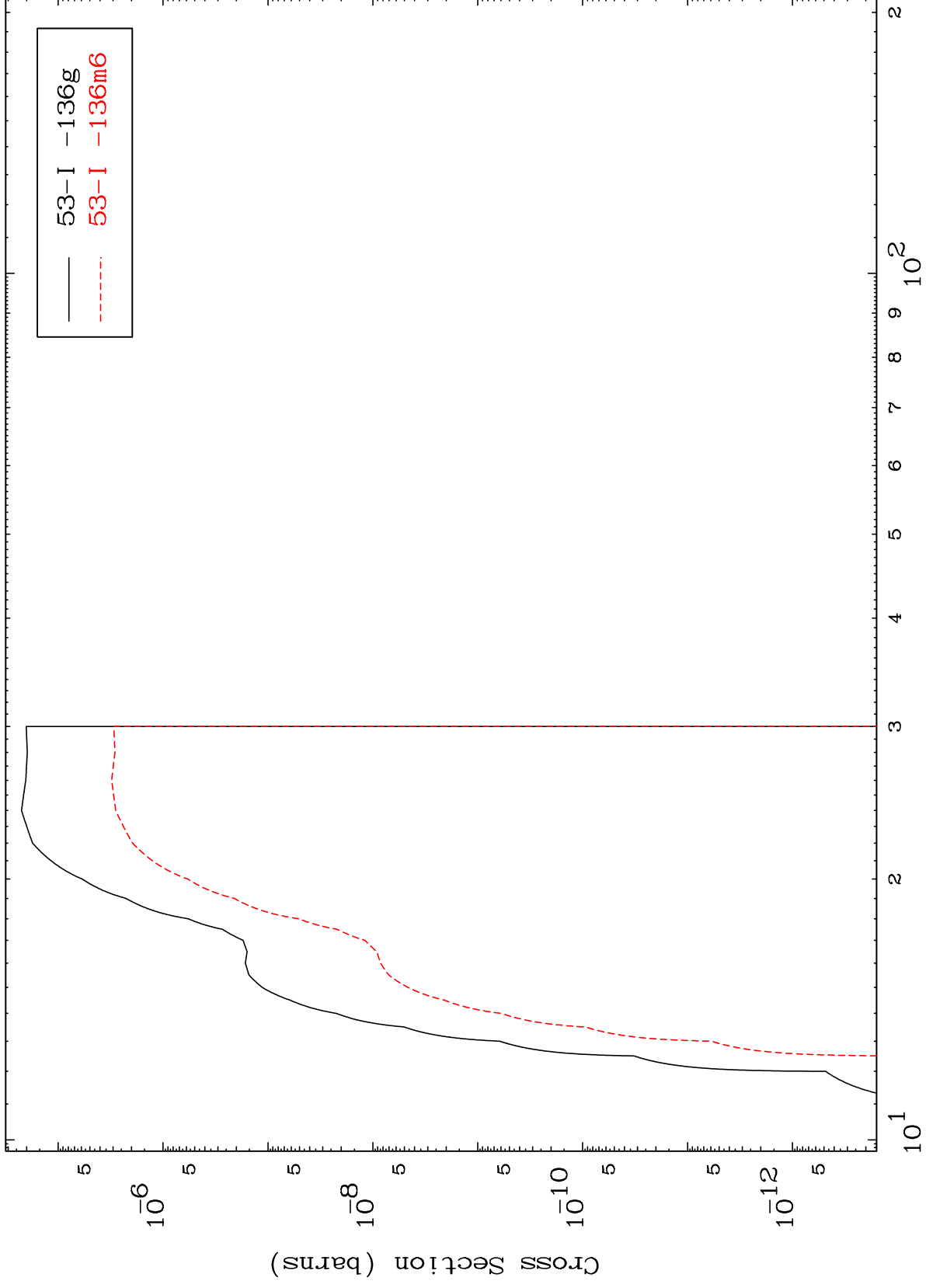
Radionuclide Production Cross Section



MAT 5464

54-Xe-137

(γ, p)
Radionuclide Production Cross Section

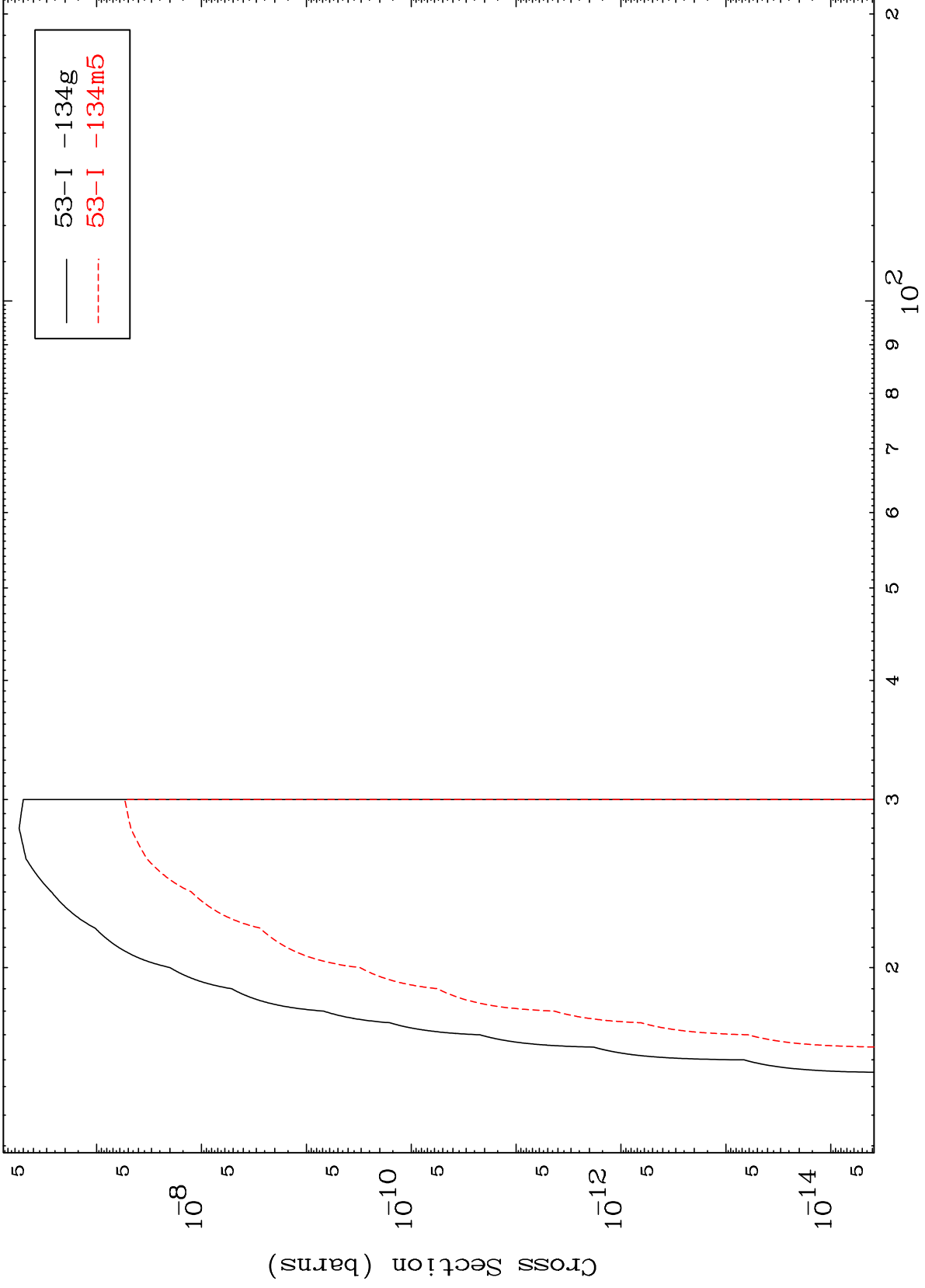


54-Xe-137

Incident Energy (MeV)

16

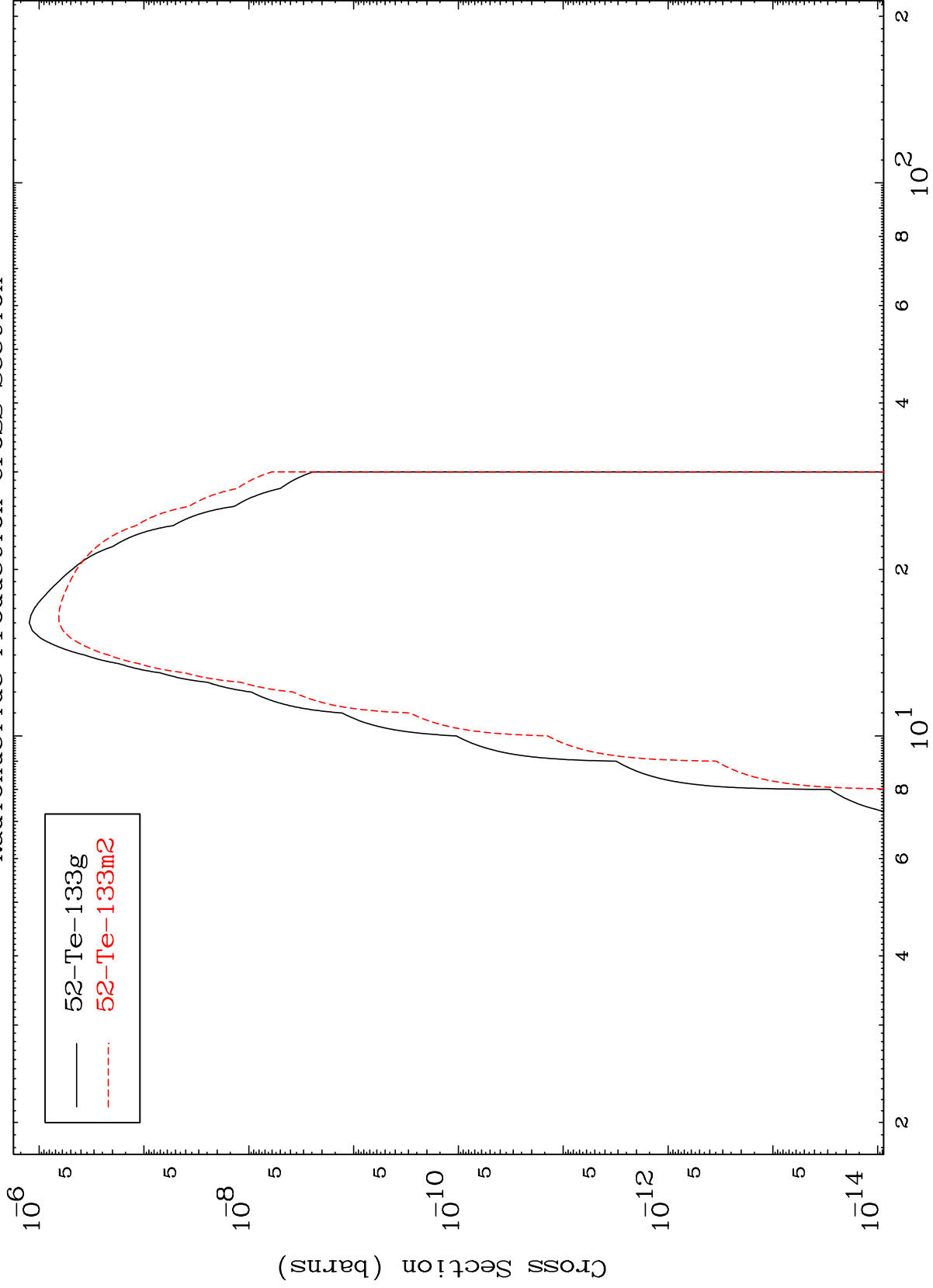
(γ, t)
Radionuclide Production Cross Section



MAT 5464

54-Xe-137

Radionuclide Production Cross Section
(γ, α)



18

Incident Energy (MeV)

54-Xe-137