

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

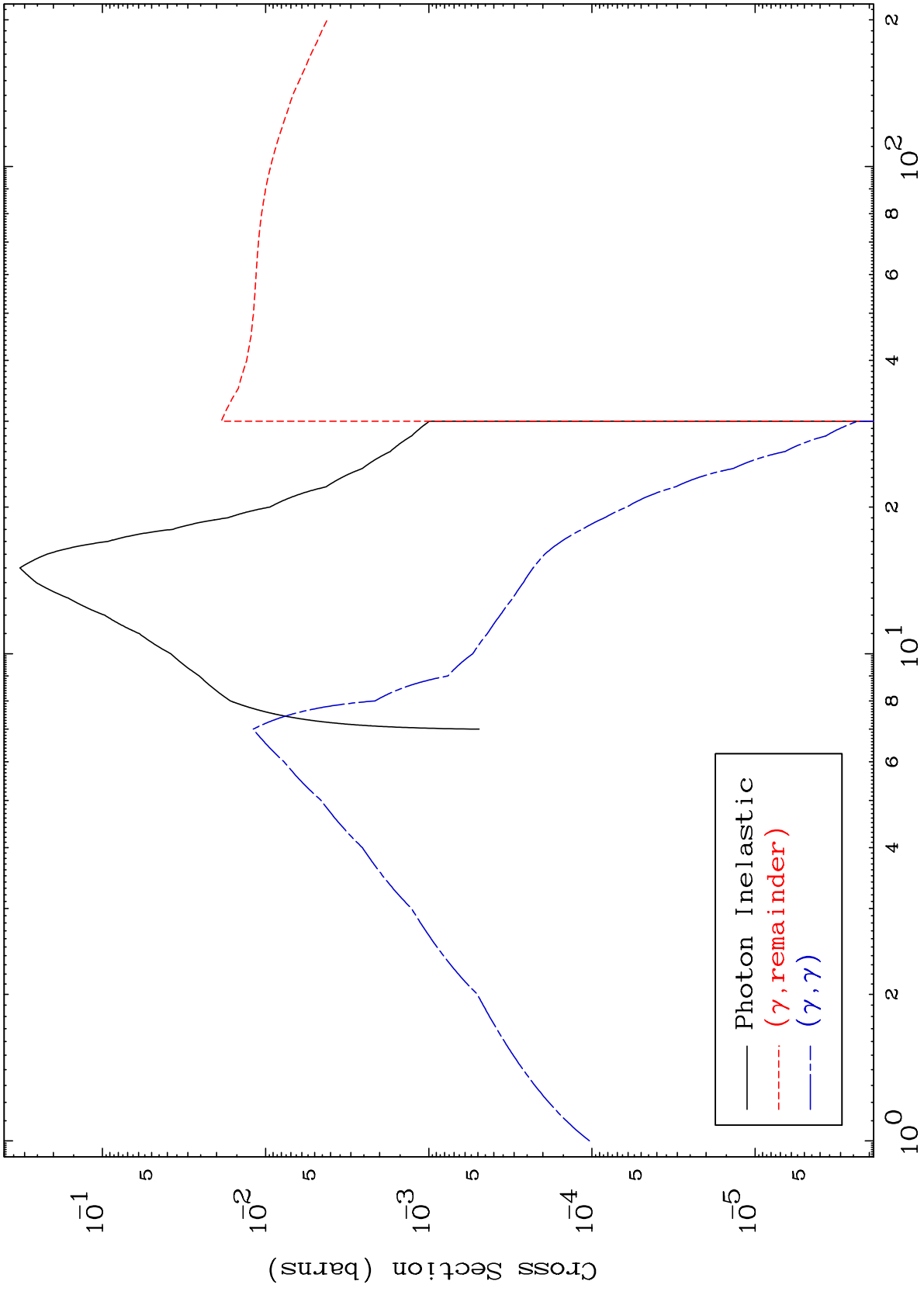
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5535

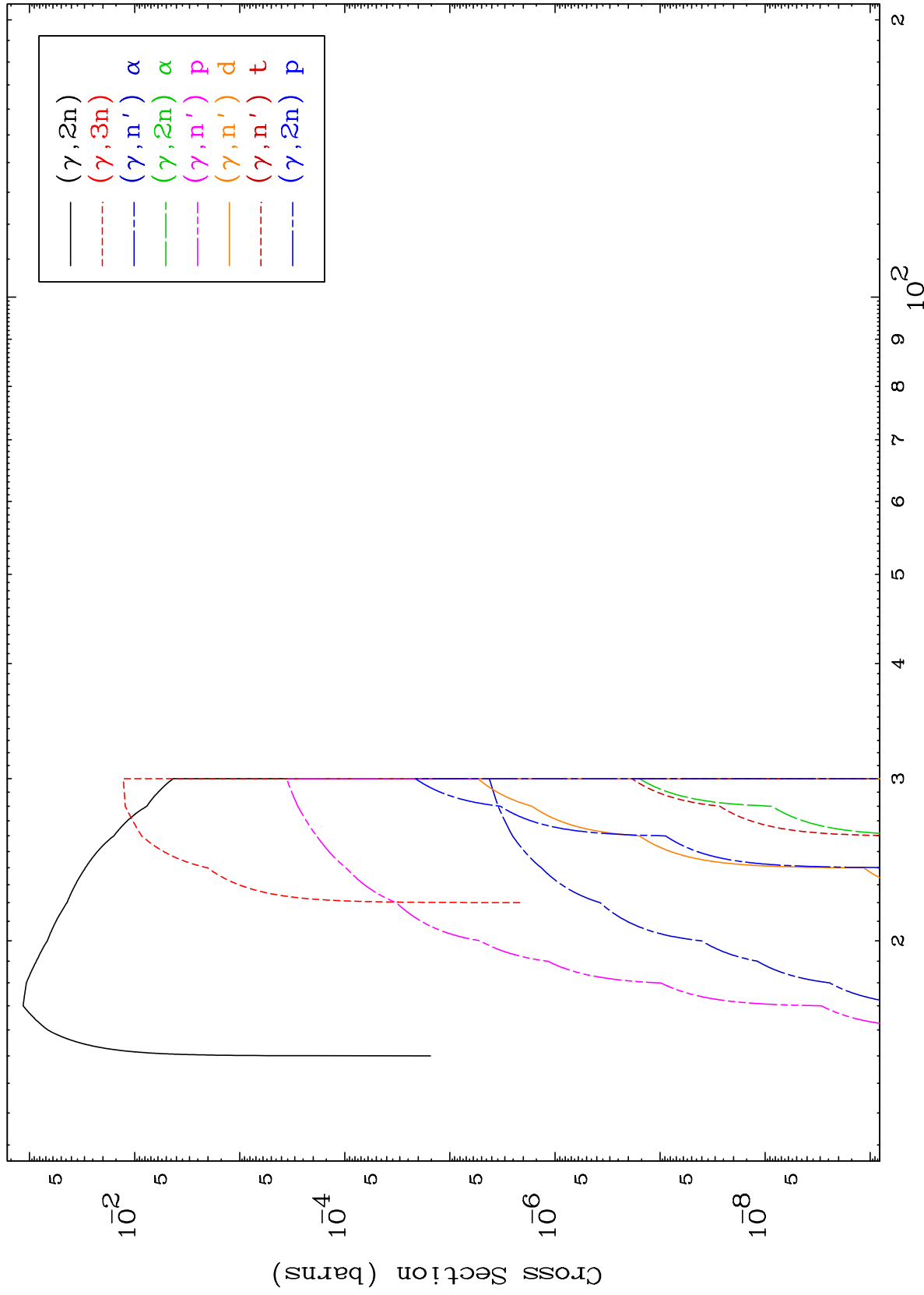
Photon Major
0 Kelvin Cross Sections

55-Cs-136



55-Cs-136

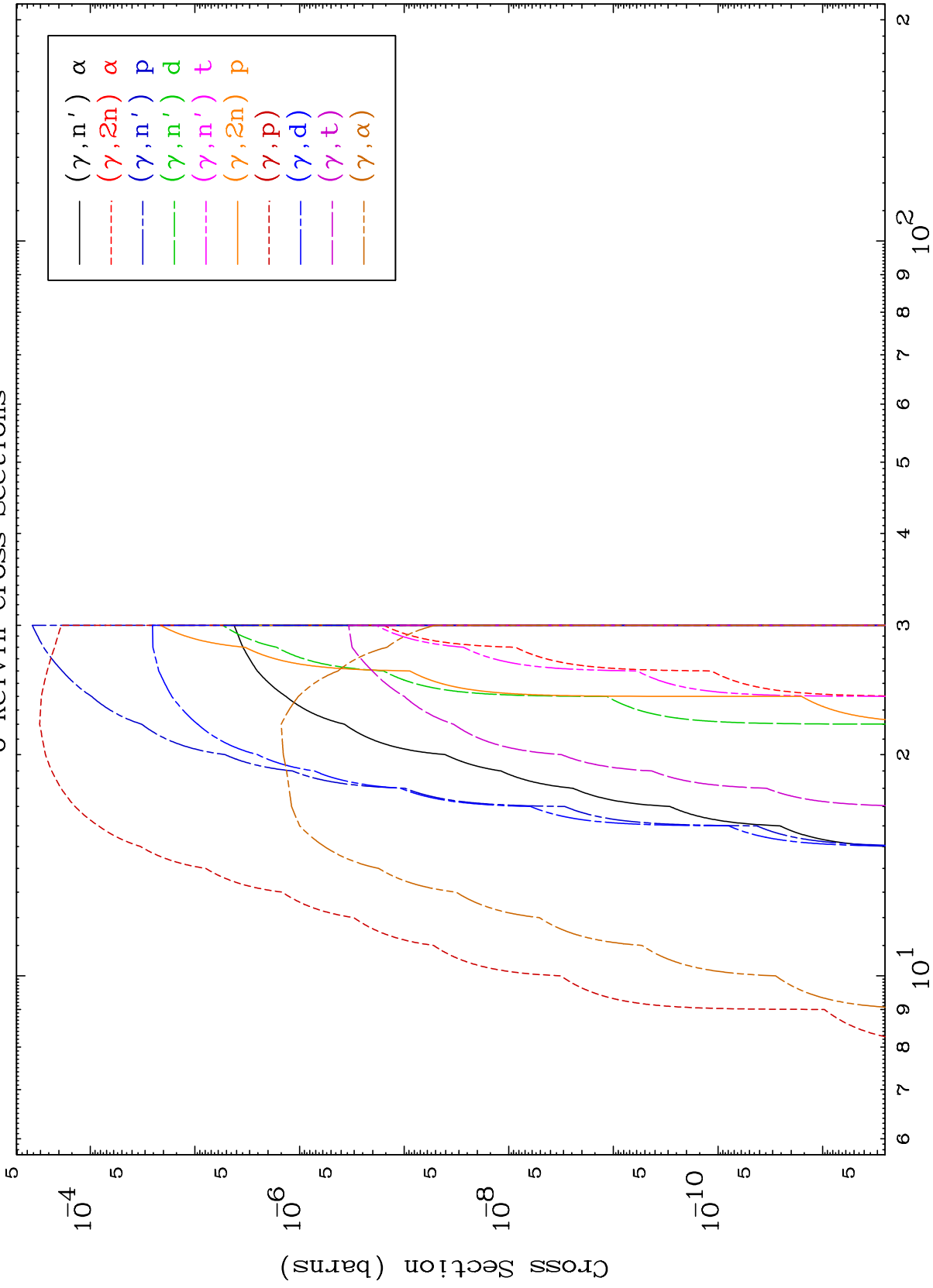
Incident Energy (MeV)



MAT 5535

Photon Charged Particle
0 Kelvin Cross Sections

55-Cs-136



3

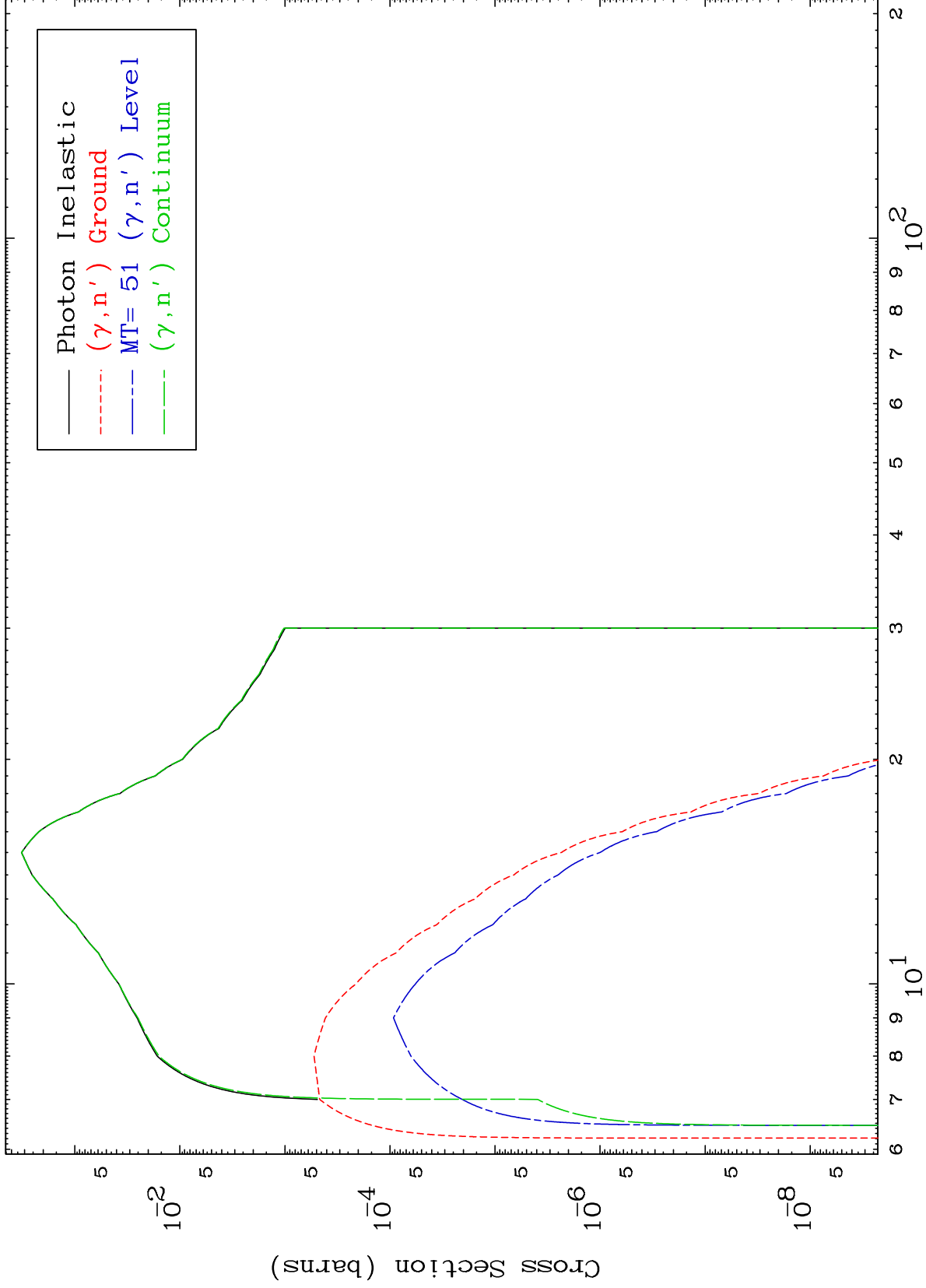
Incident Energy (MeV)

55-Cs-136

MAT 5535

(γ, n') Level
0 Kelvin Cross Sections

55-Cs-136



4

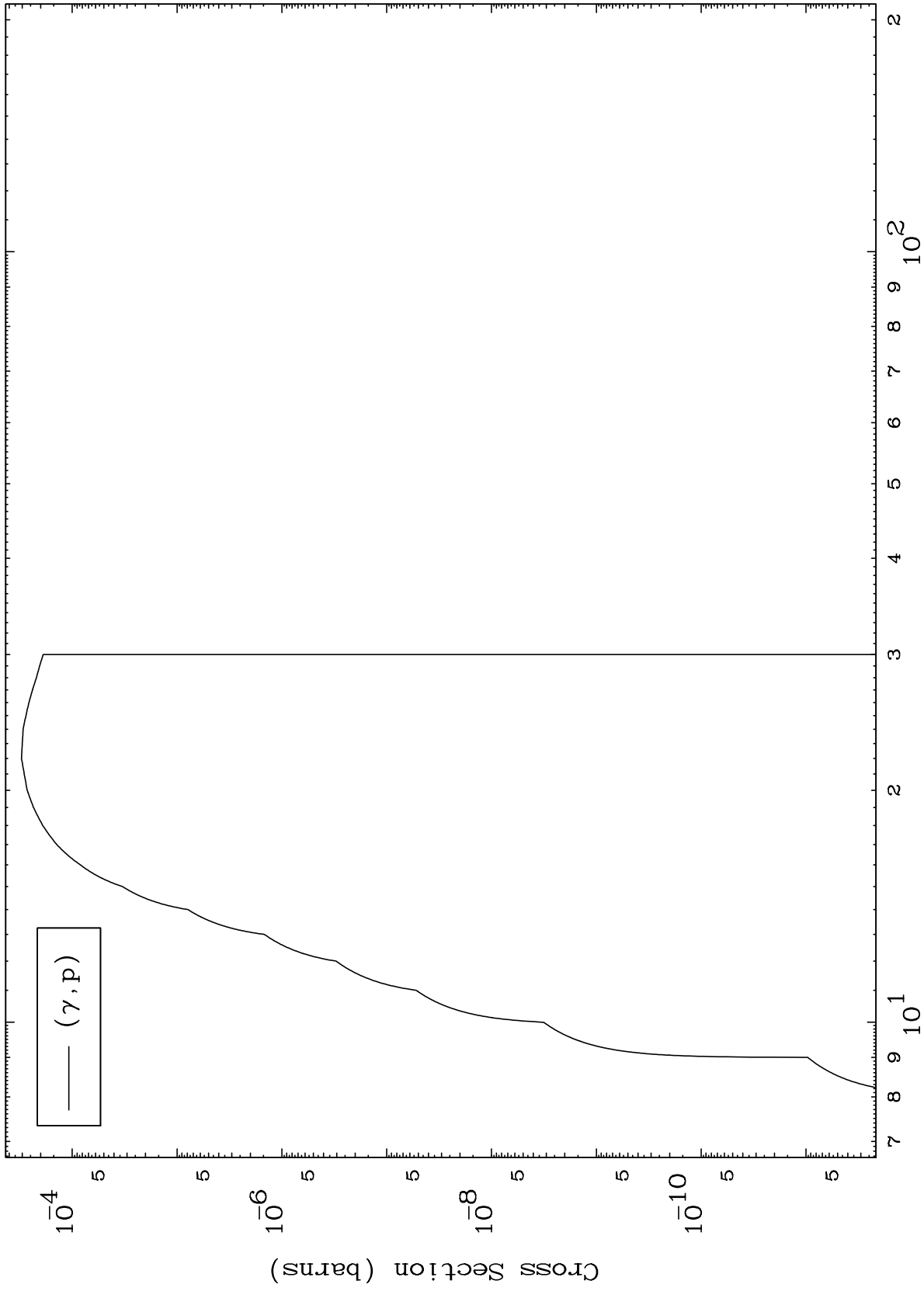
Incident Energy (MeV)

55-Cs-136

MAT 5535

(γ, p) Levels
0 Kelvin Cross Sections

55-Cs-136



5

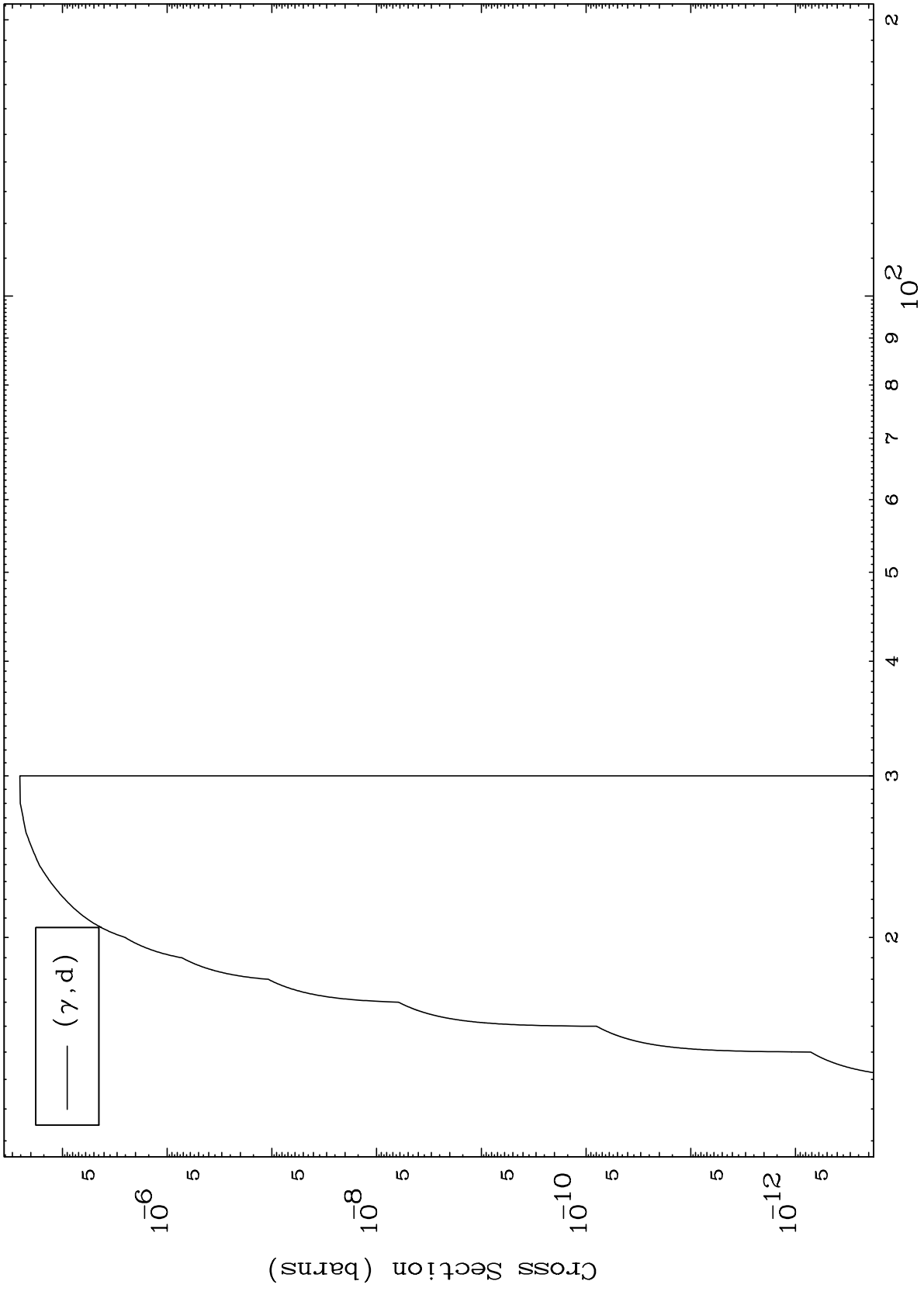
Incident Energy (MeV)

55-Cs-136

MAT 5535

(γ, d) Levels
0 Kelvin Cross Sections

55-Cs-136



6

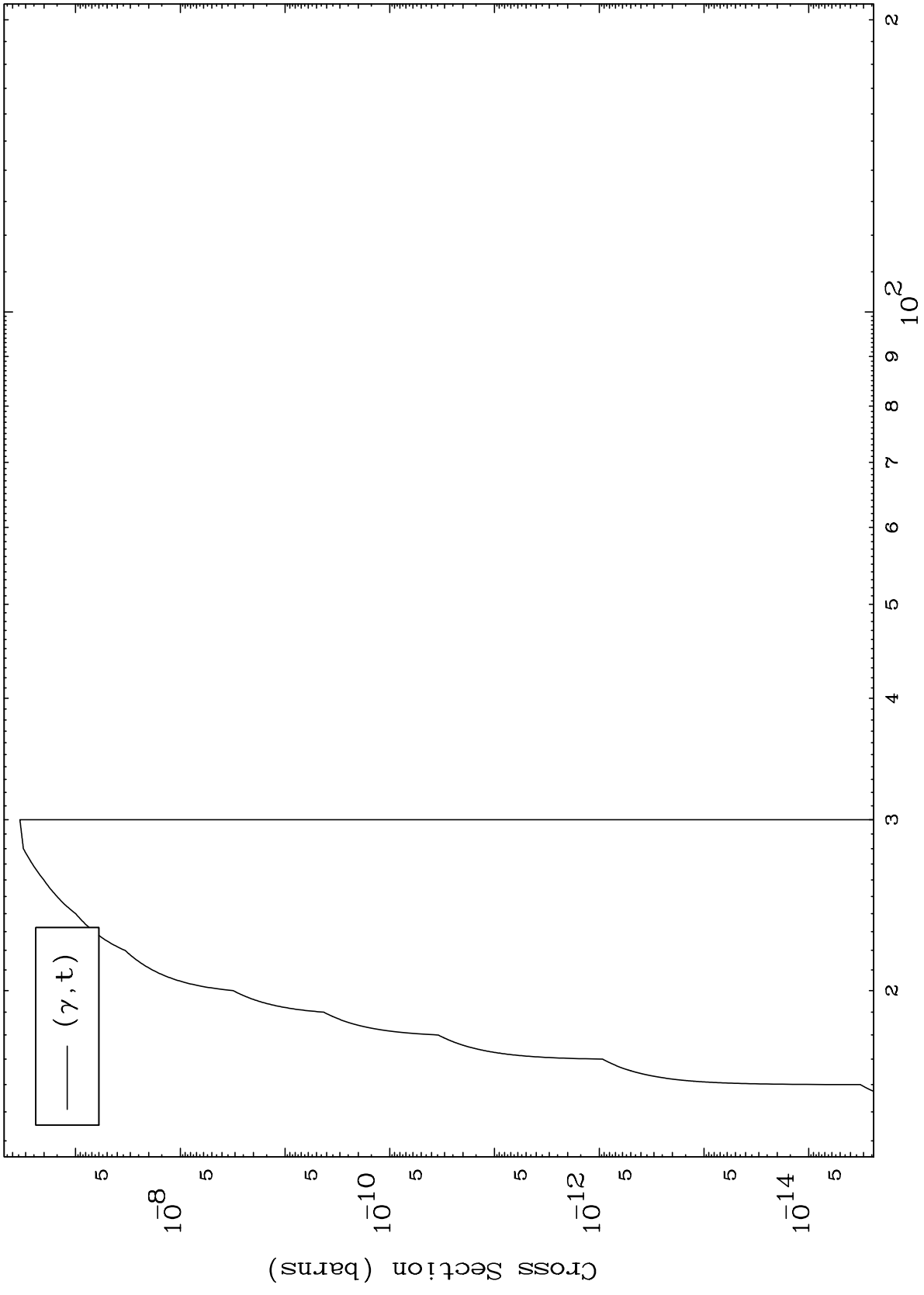
Incident Energy (MeV)

55-Cs-136

MAT 5535

(γ, t) Levels
0 Kelvin Cross Sections

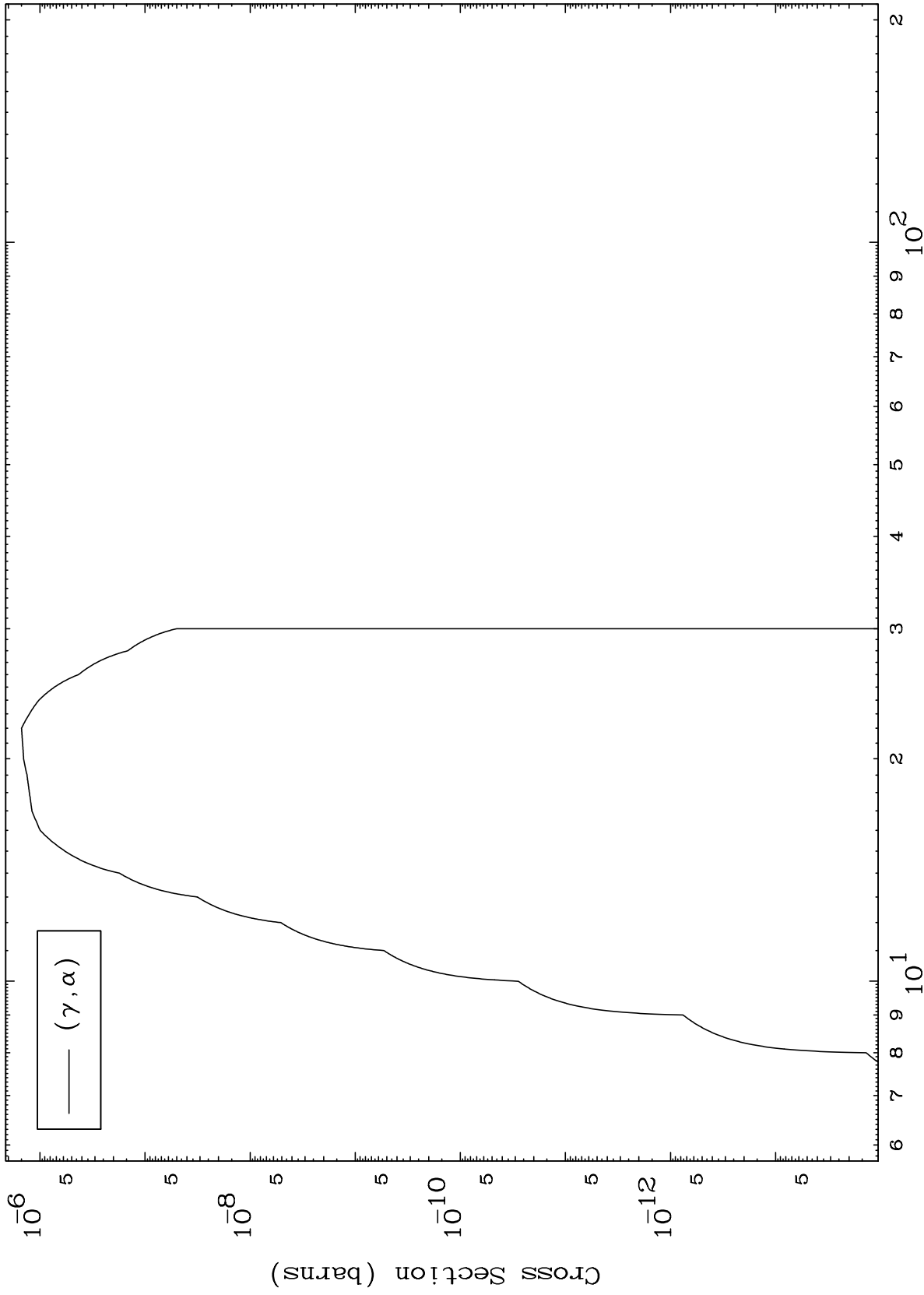
55-Cs-136



MAT 5535

(γ, α) Levels
0 Kelvin Cross Sections

55-Cs-136



8

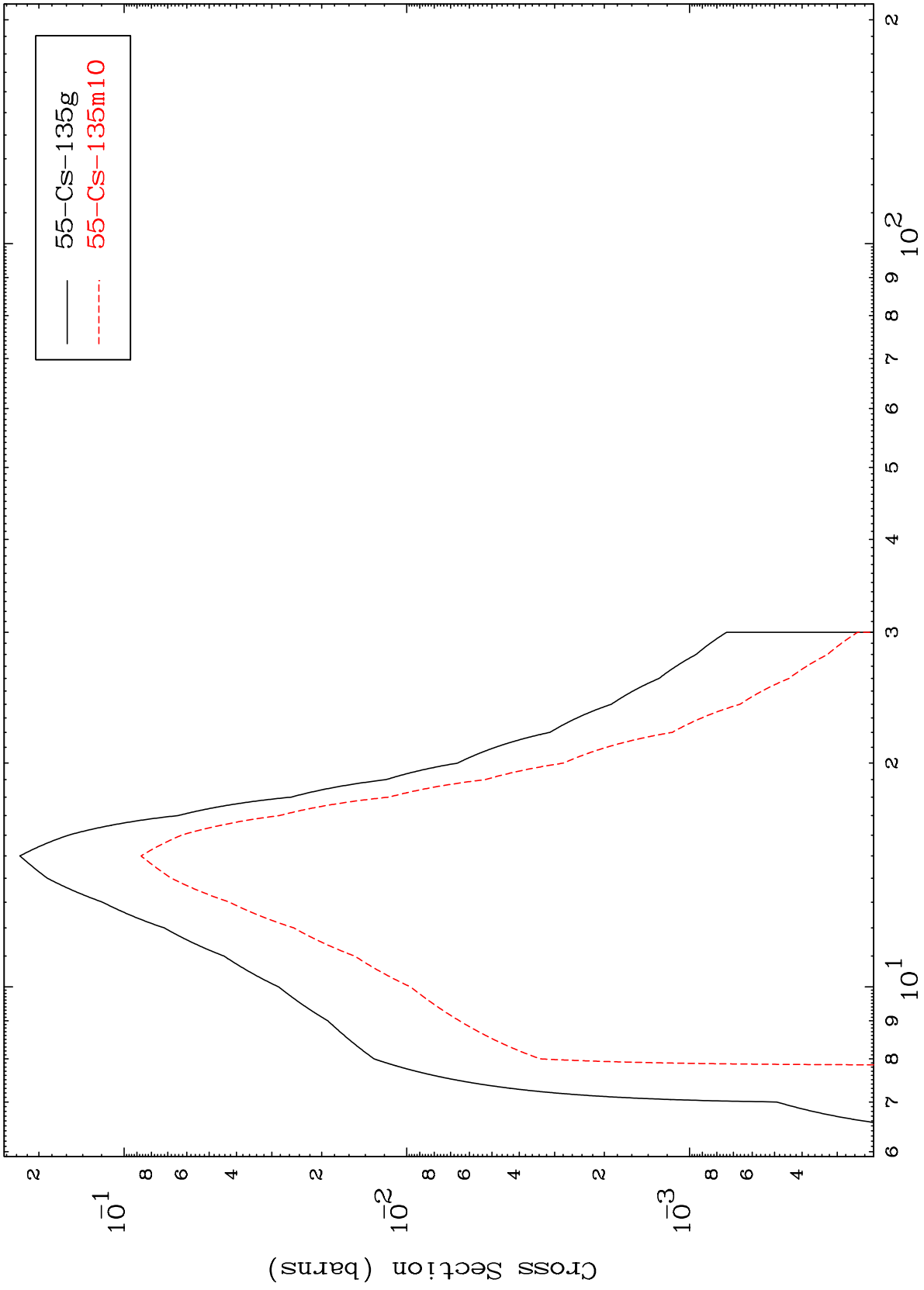
Incident Energy (MeV)

55-Cs-136

MAT 5535

Photon Inelastic
Radionuclide Production Cross Section

55-Cs-136



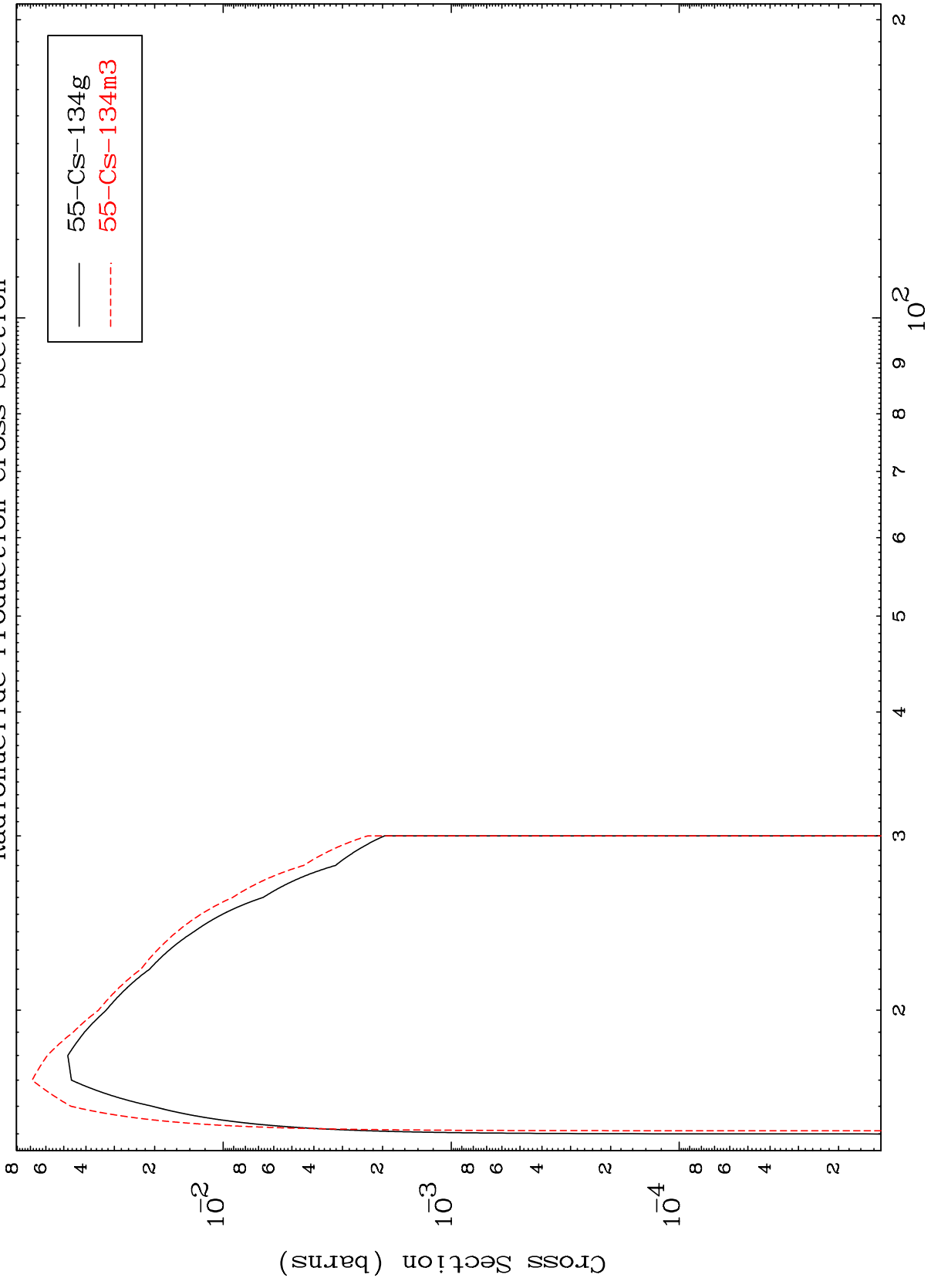
9

Incident Energy (MeV)

55-Cs-136

MAT 5535 55-Cs-136

Radionuclide Production Cross Section



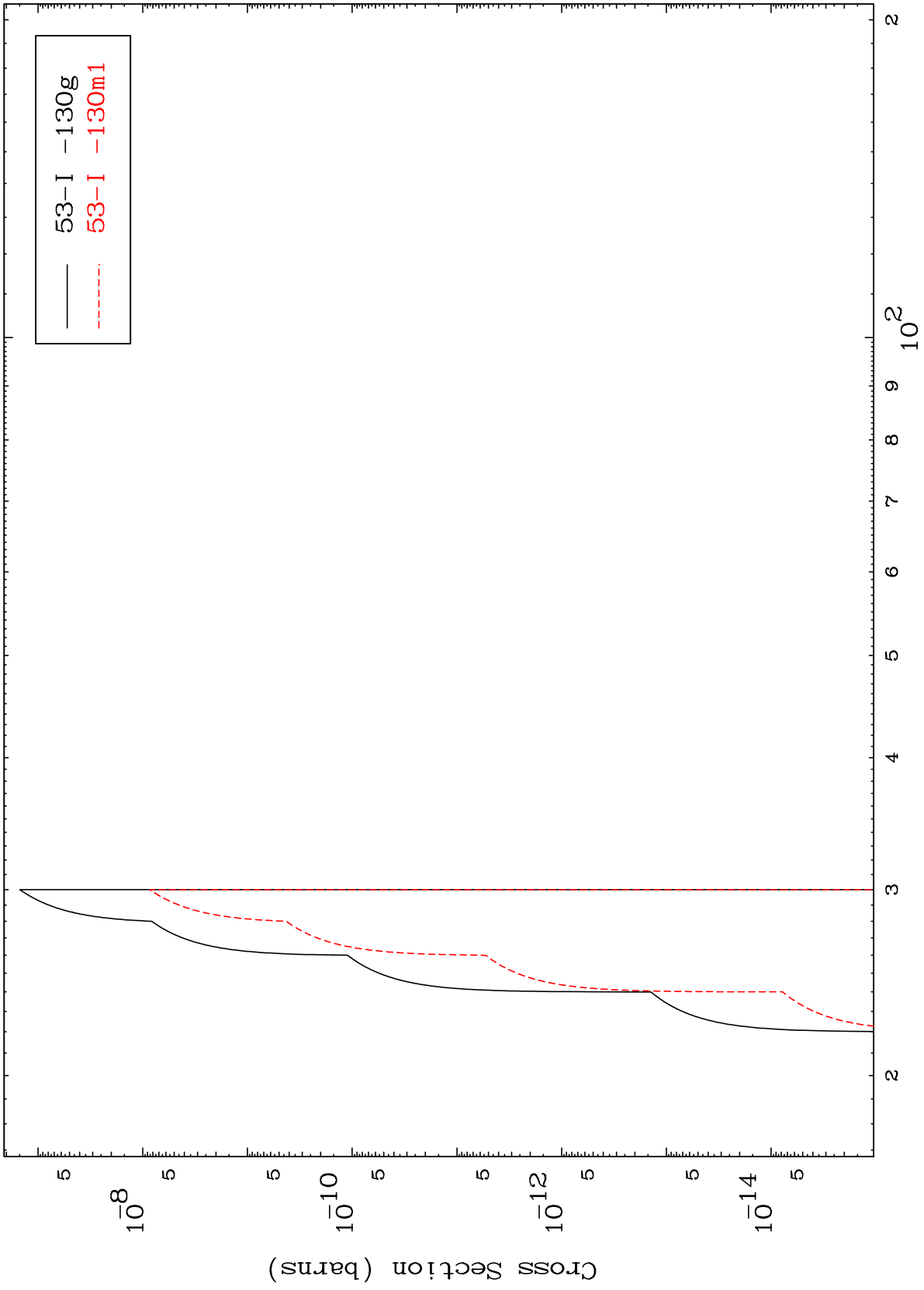
55-Cs-136

MAT 5535

($\gamma, 2n$) α

55-Cs-136

Radionuclide Production Cross Section



11

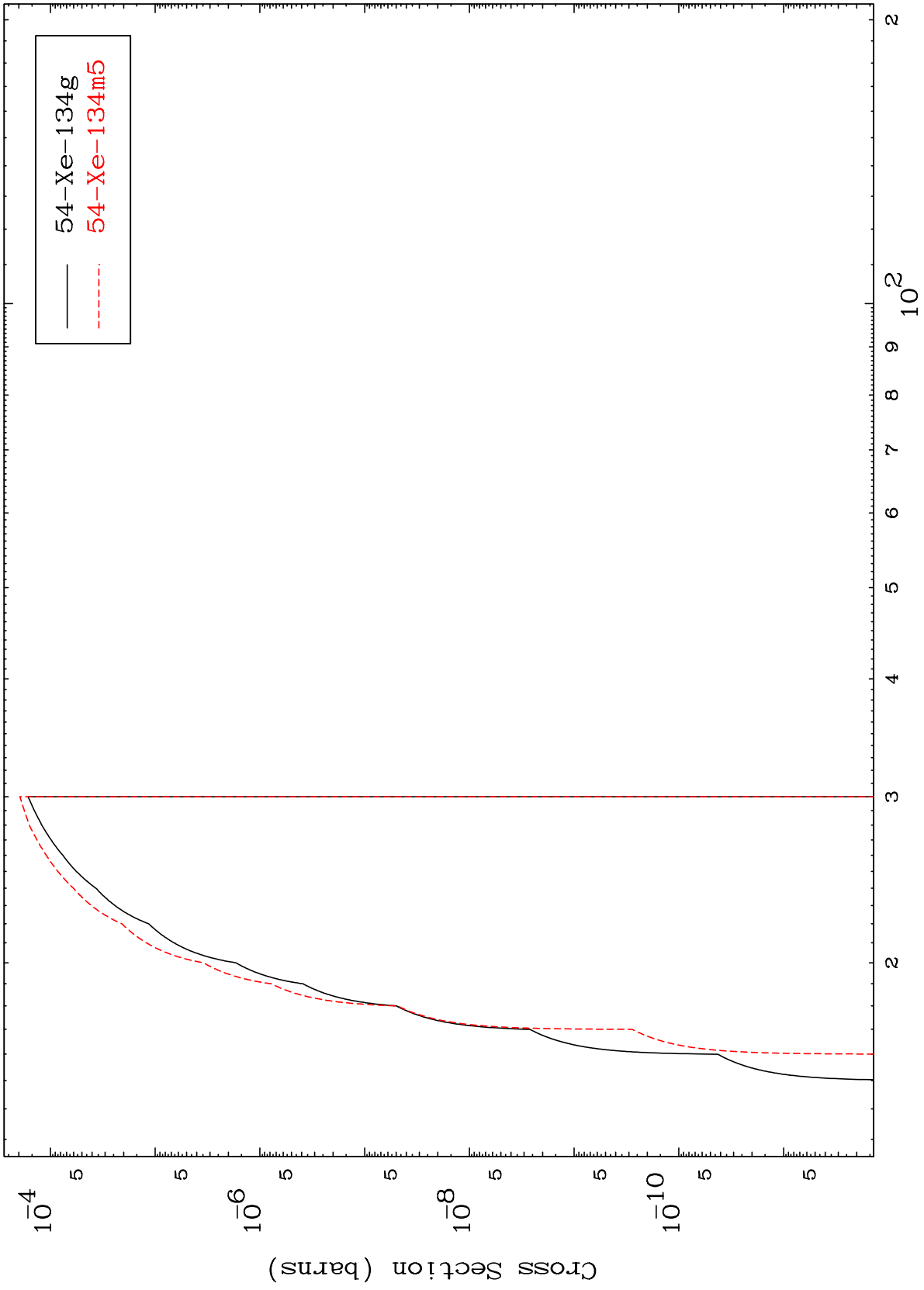
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(γ, n') p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

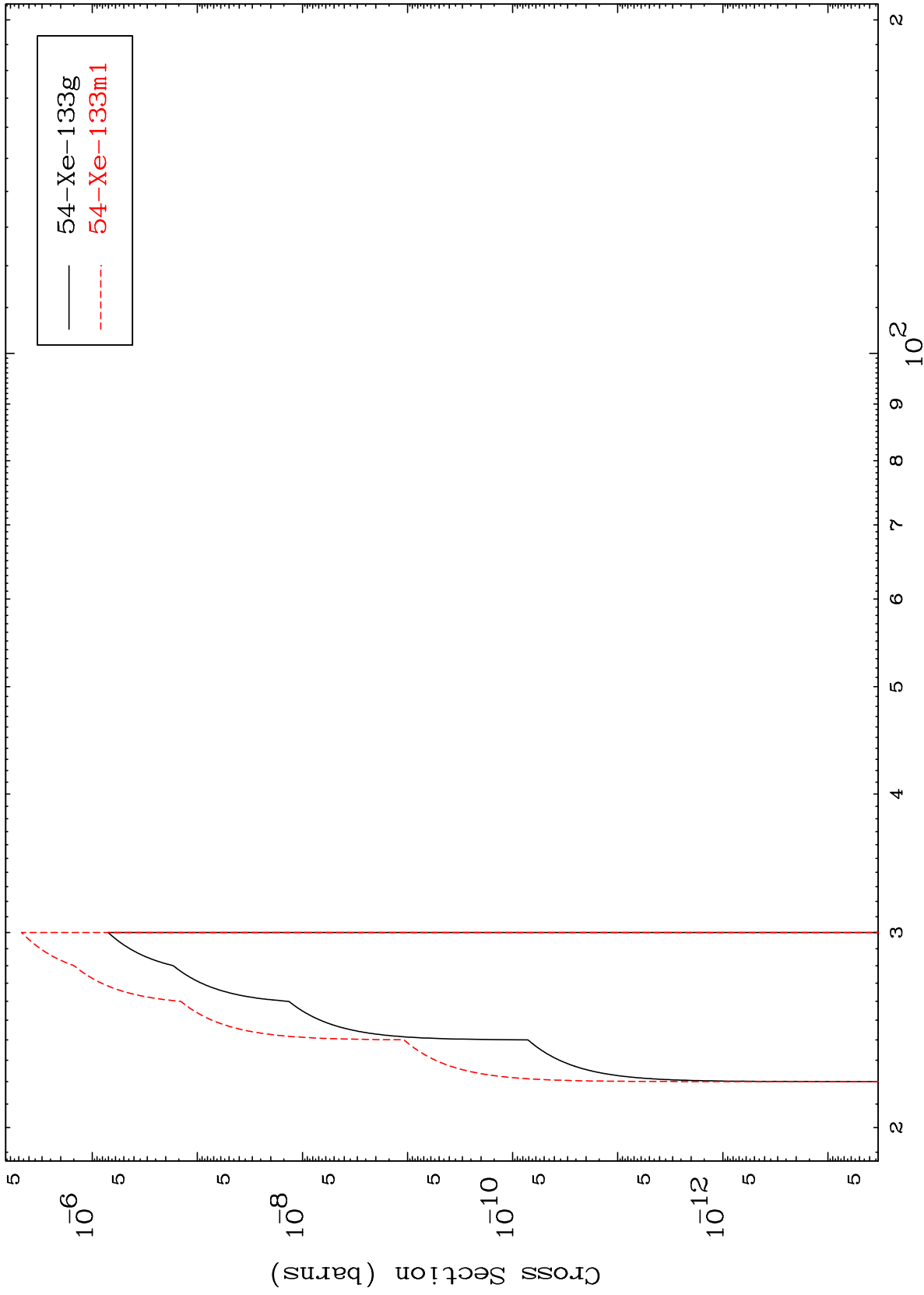
55-Cs-136

MAT 5535

(γ, n') d

55-Cs-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

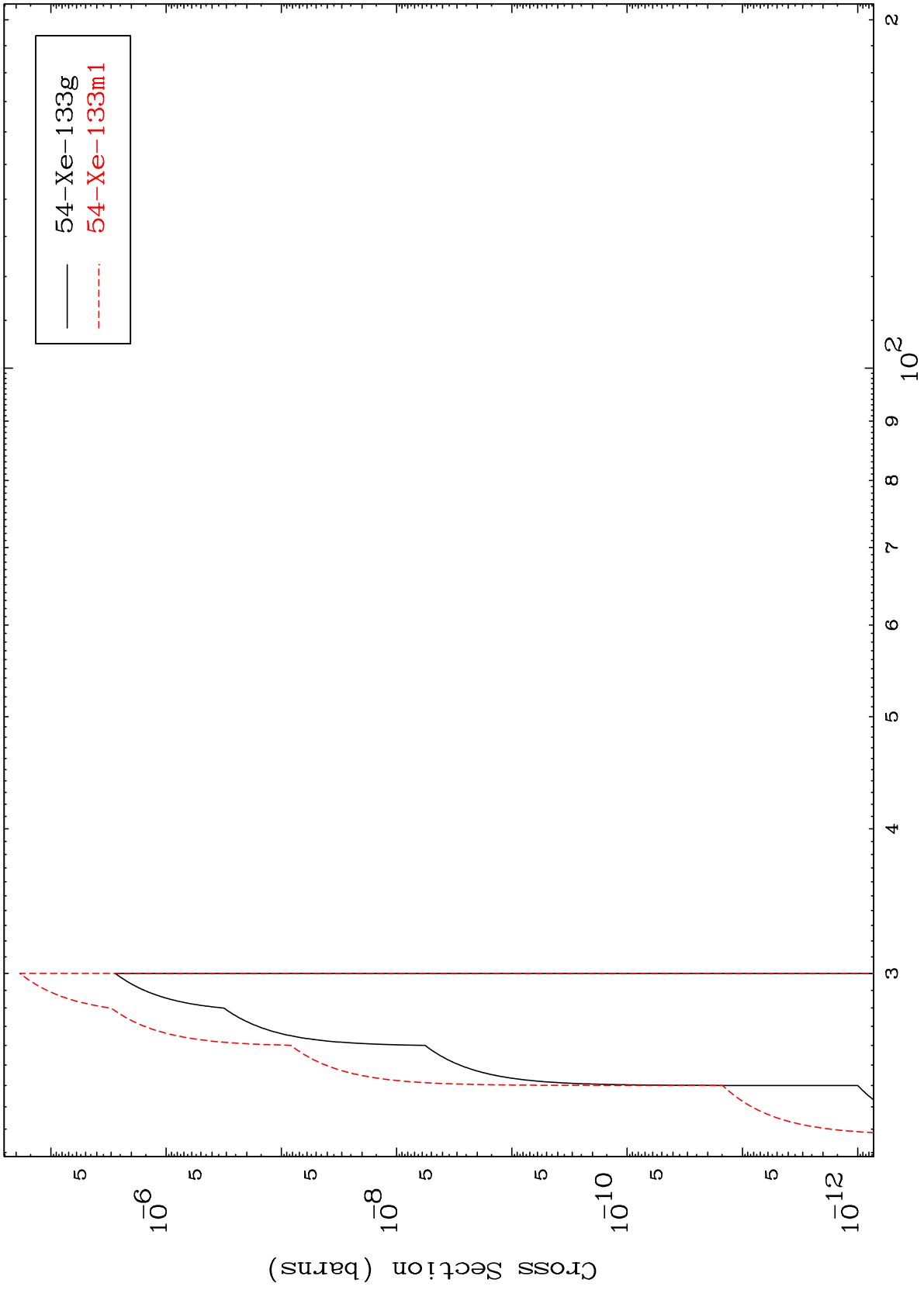
55-Cs-136

MAT 5535

($\gamma, 2n$) p

55-Cs-136

Radionuclide Production Cross Section



14

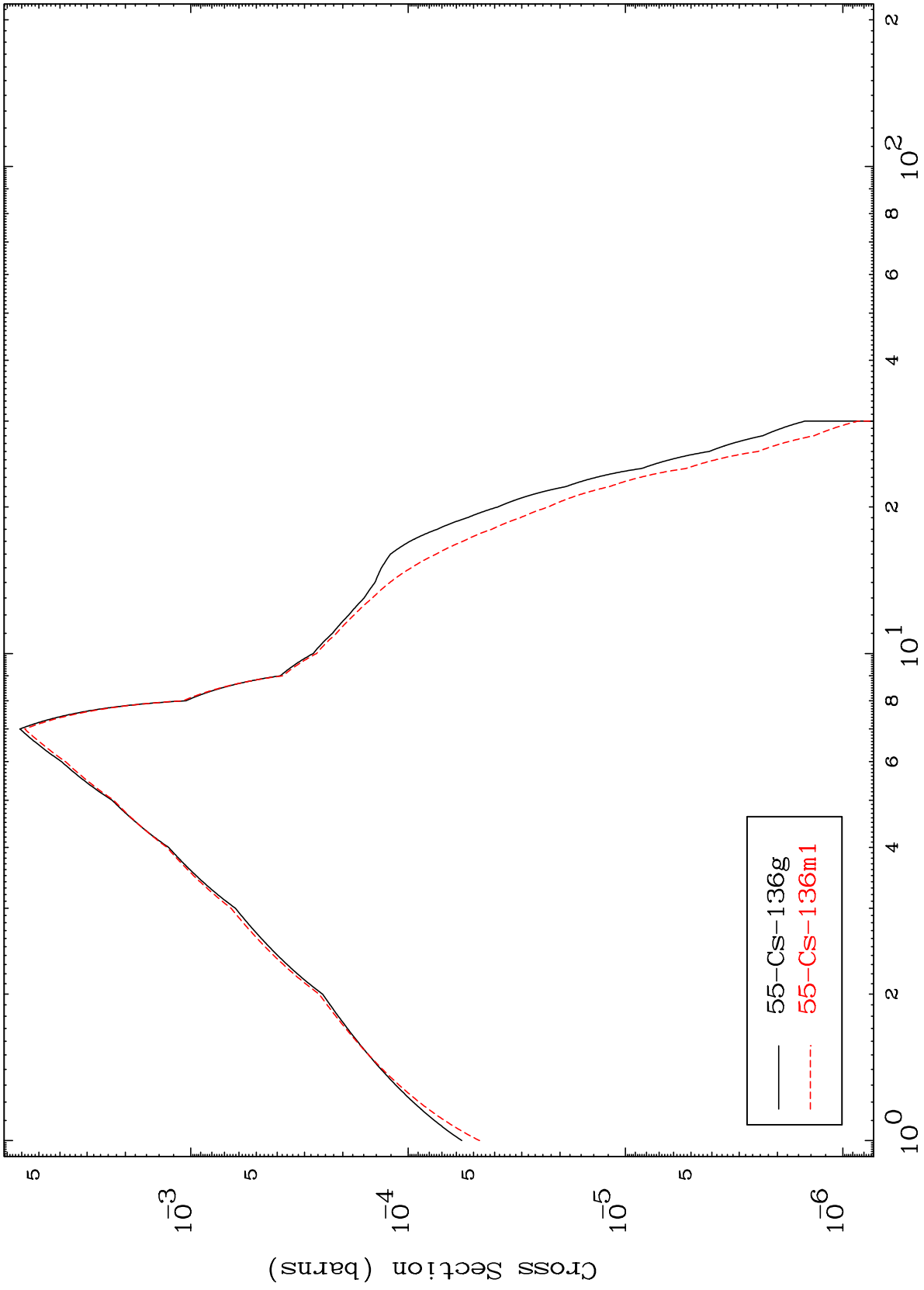
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(γ, γ)
Radionuclide Production Cross Section



55-Cs-136

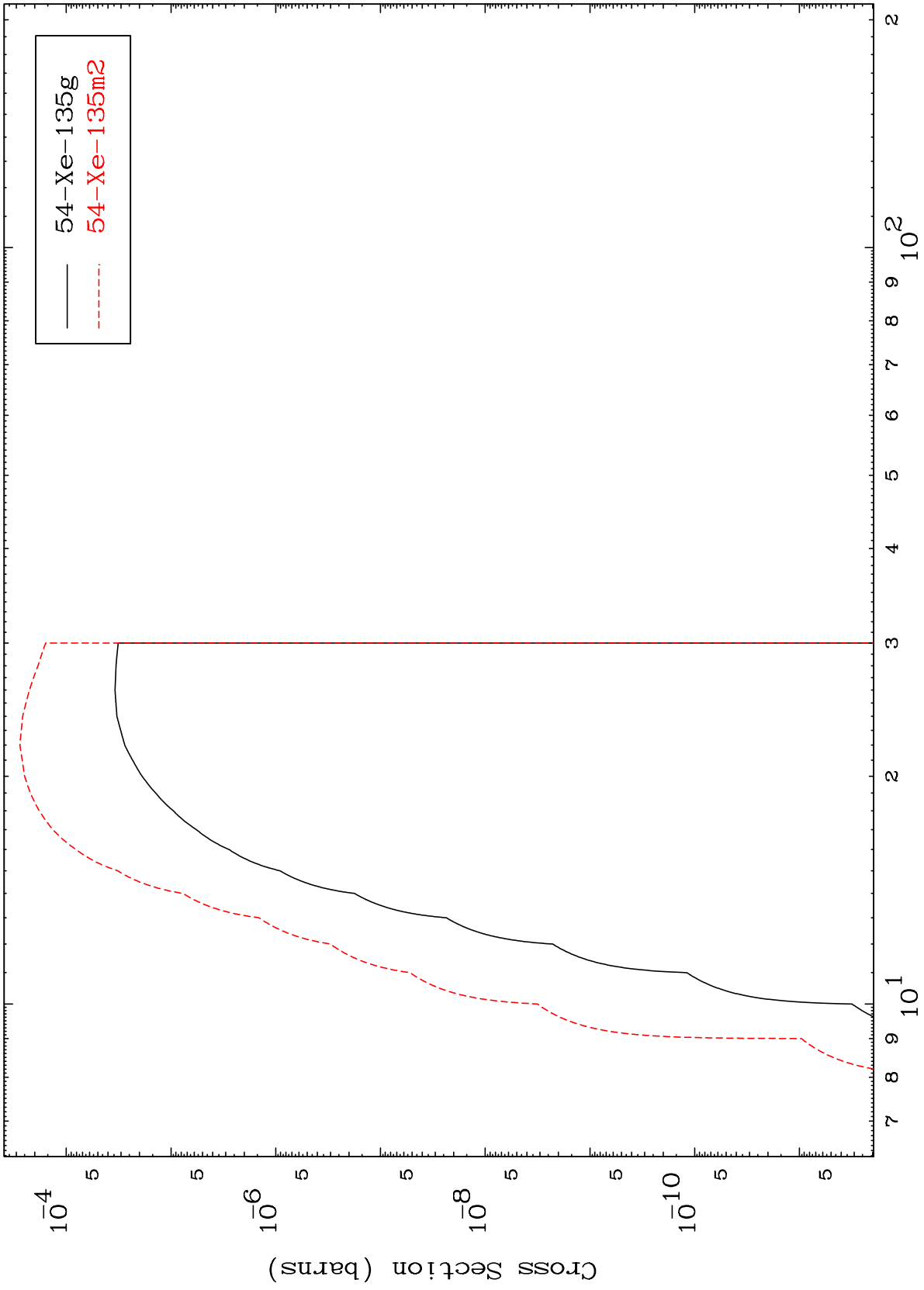
Incident Energy (MeV)

— 55-Cs-136g
- - - 55-Cs-136m1

MAT 5535

55-Cs-136

(γ, p)
Radionuclide Production Cross Section



16

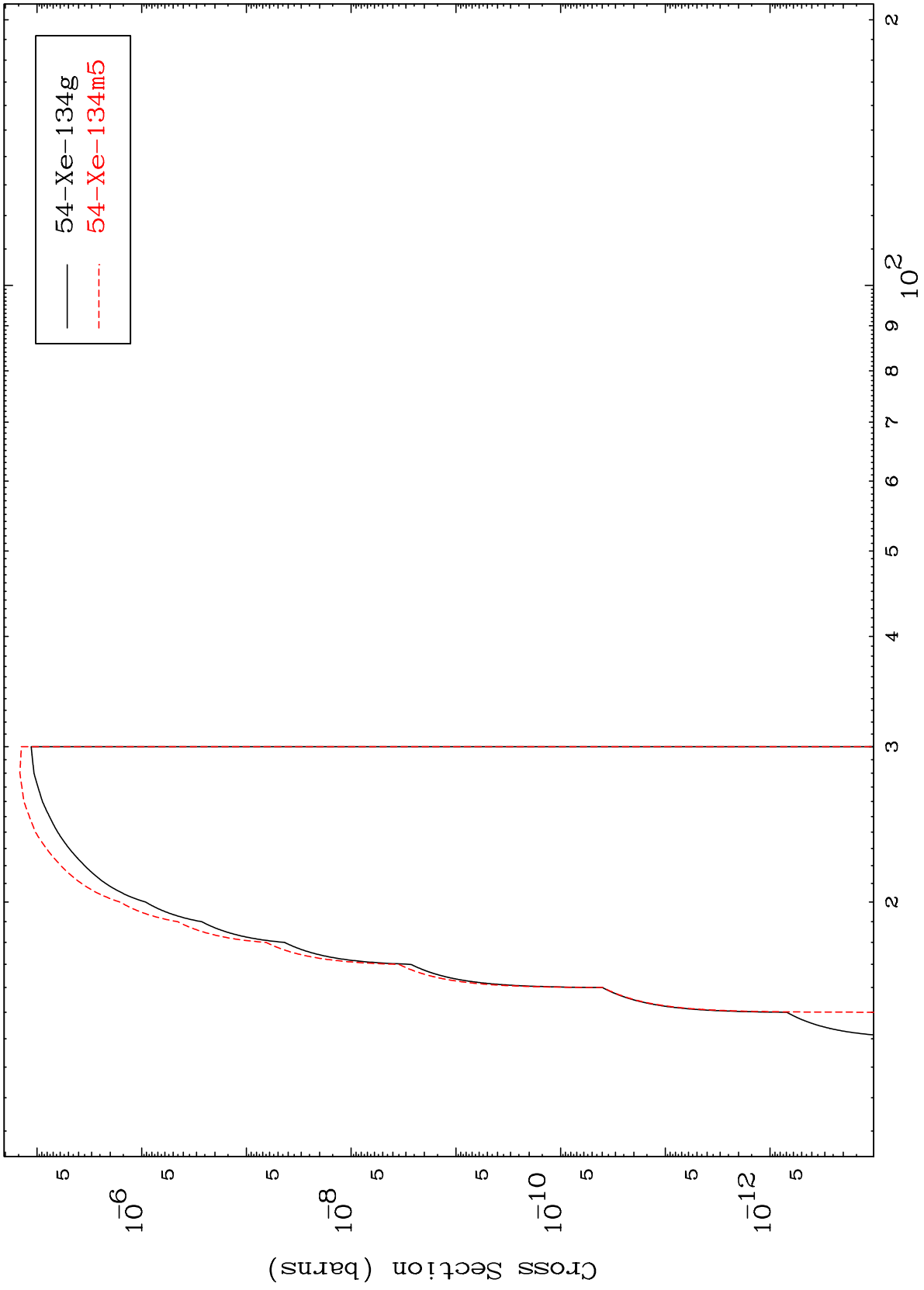
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(γ, d)
Radionuclide Production Cross Section



17

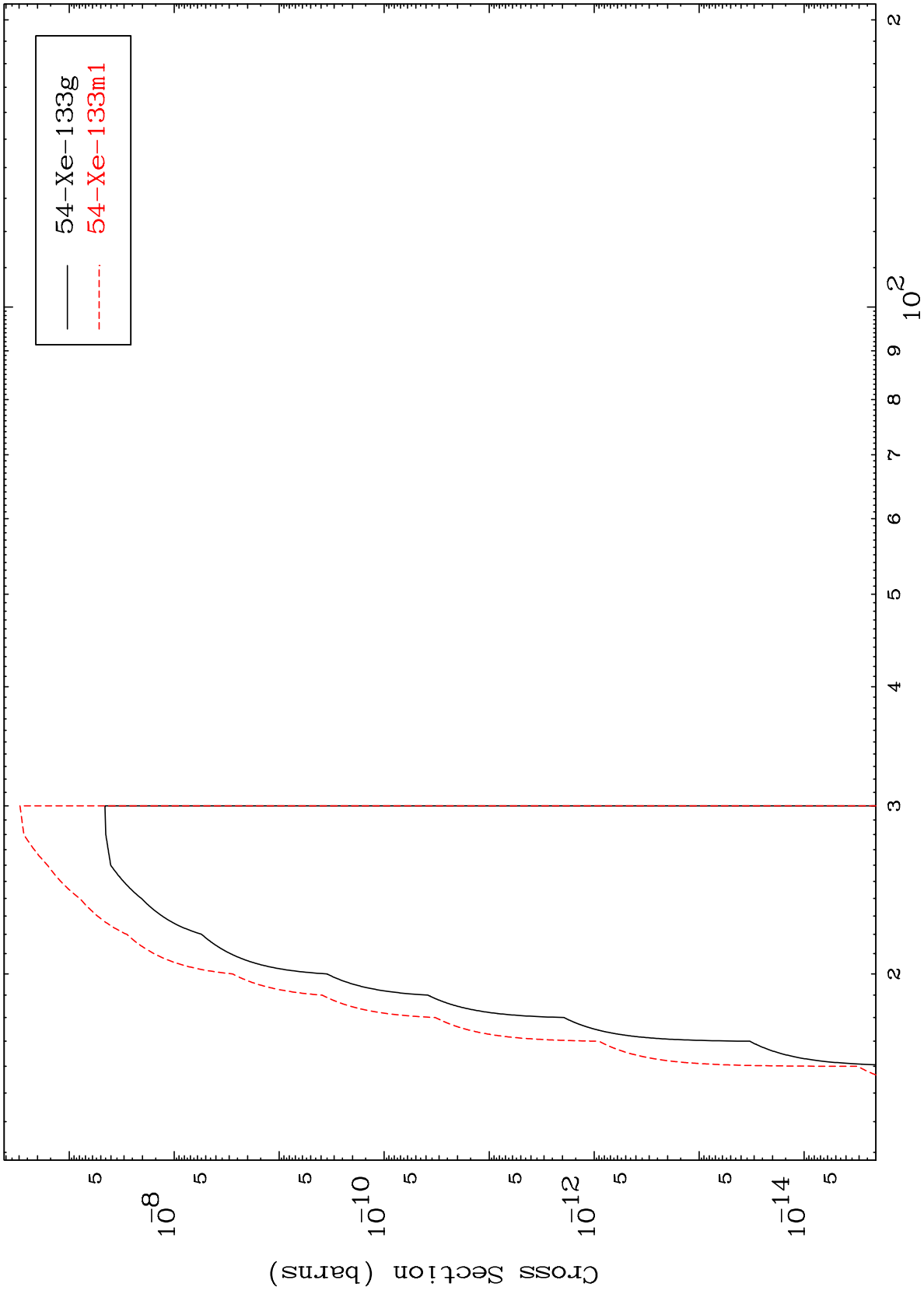
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

(γ, t)
Radionuclide Production Cross Section



18

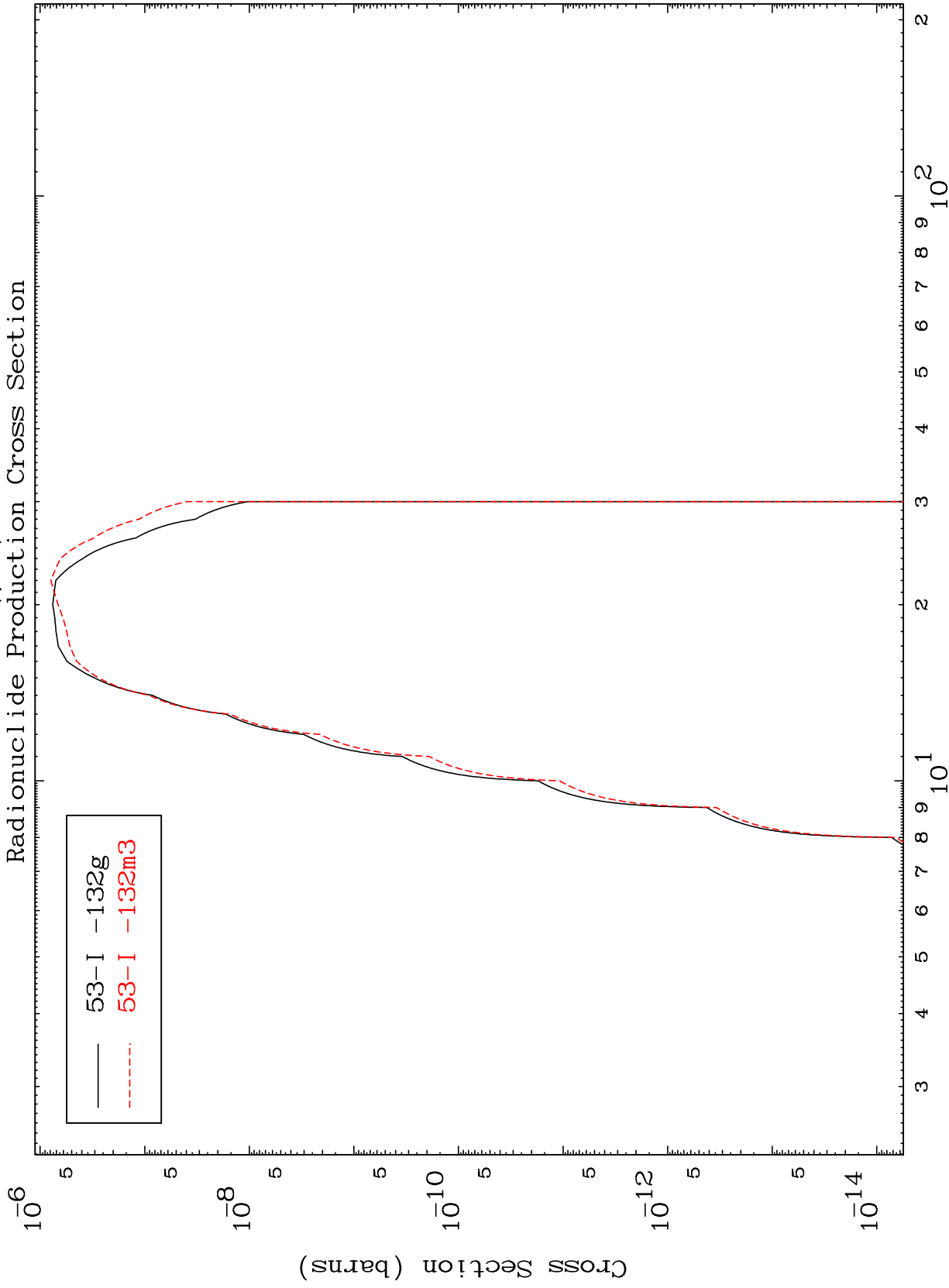
Incident Energy (MeV)

55-Cs-136

MAT 5535

55-Cs-136

Radionuclide Production Cross Section
(γ, α)



19

Incident Energy (MeV)

55-Cs-136