

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

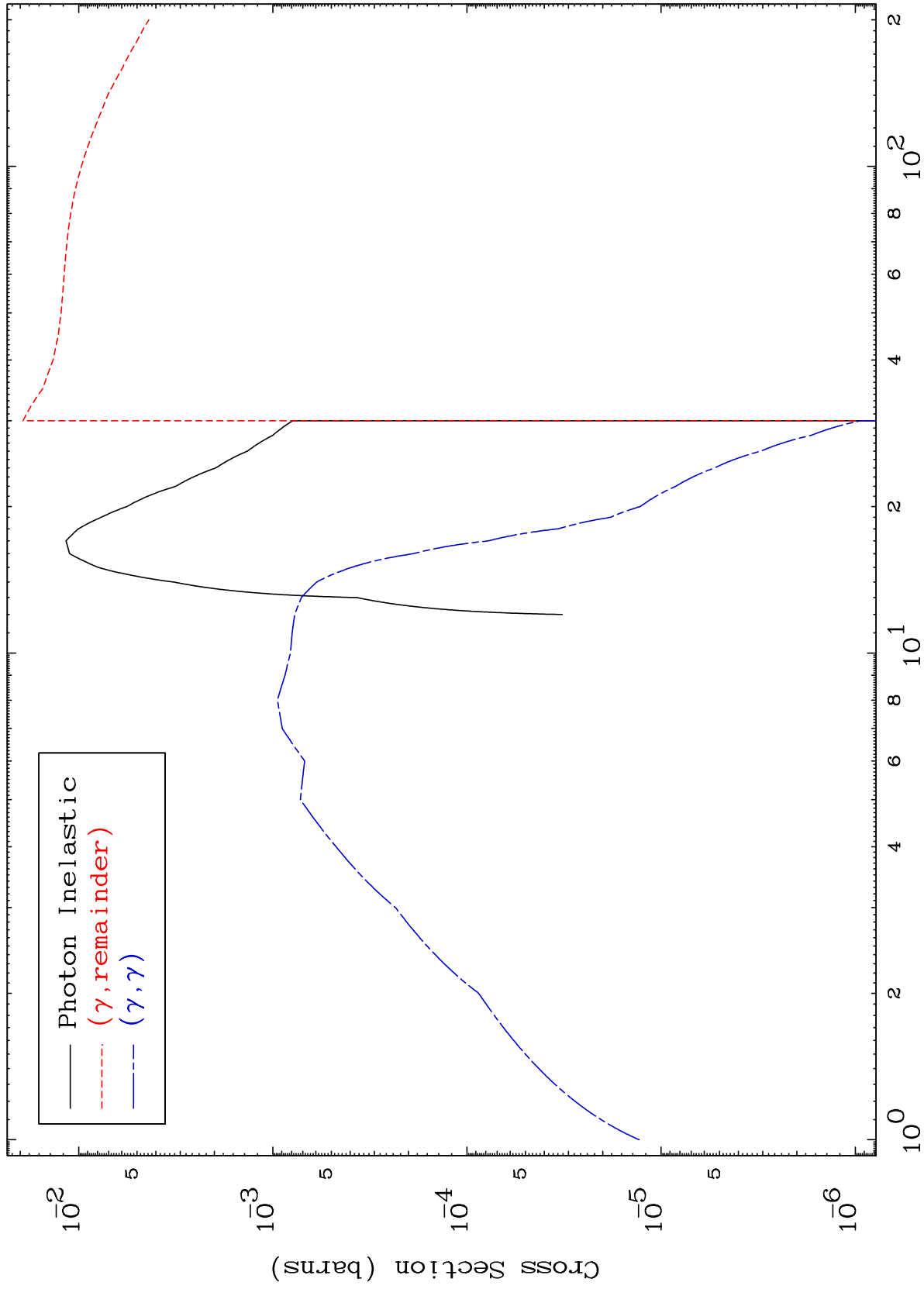
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6283

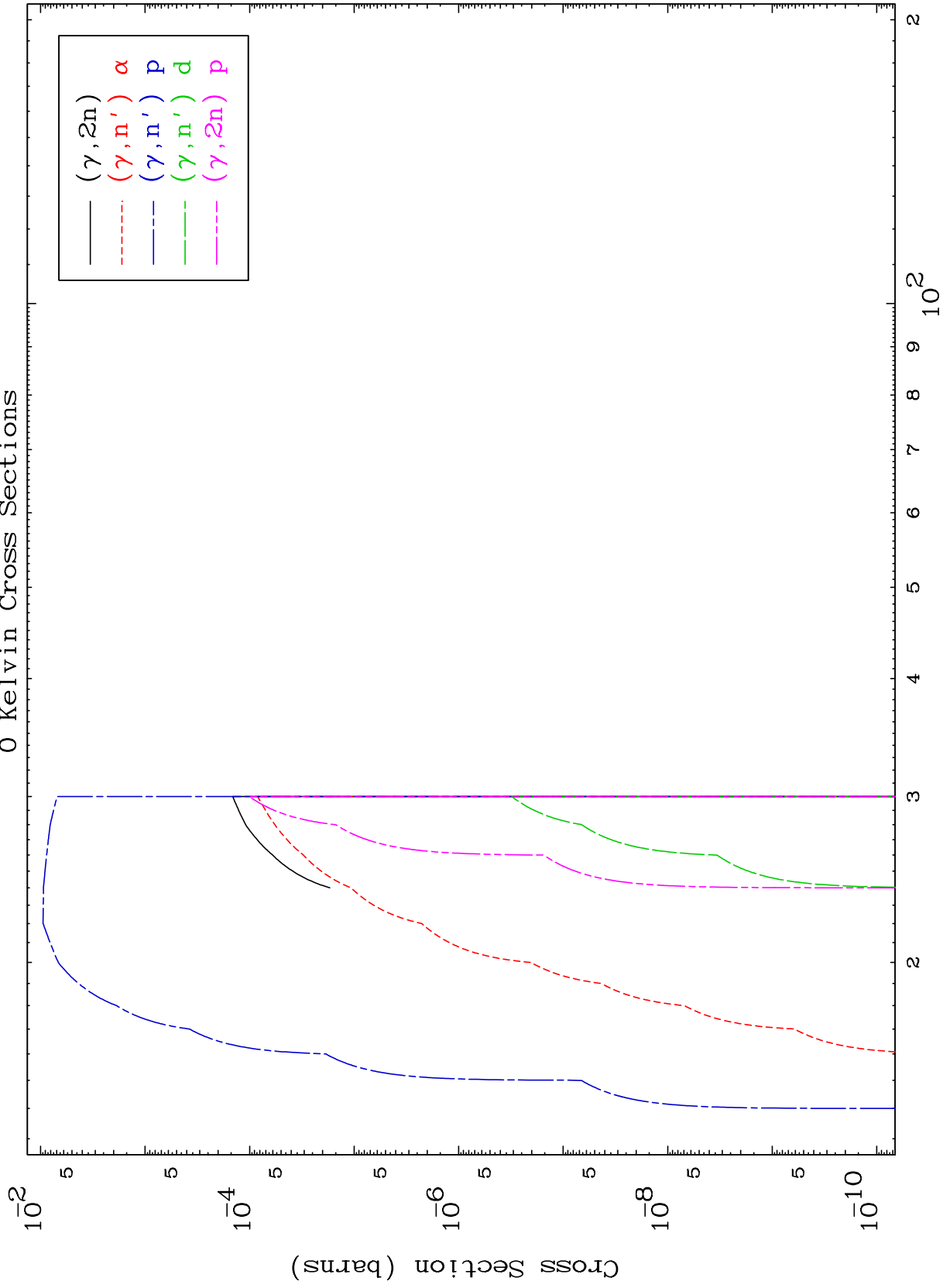
0 Kelvin
Photon Major
Cross Sections

63-Eu-137



Incident Energy (MeV)

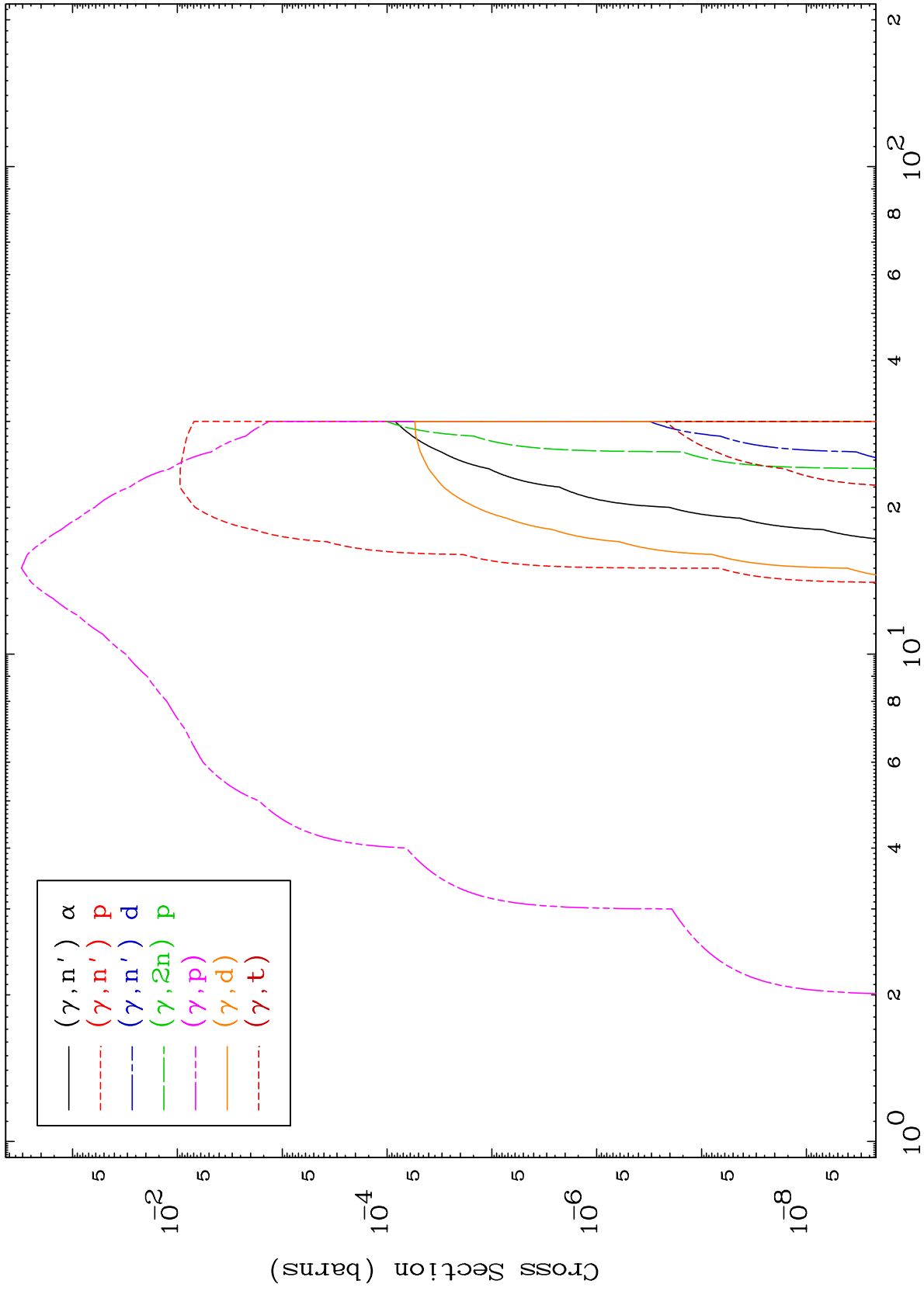
63-Eu-137



MAT 6283

Photon Charged Particle
0 Kelvin Cross Sections

63-Eu-137



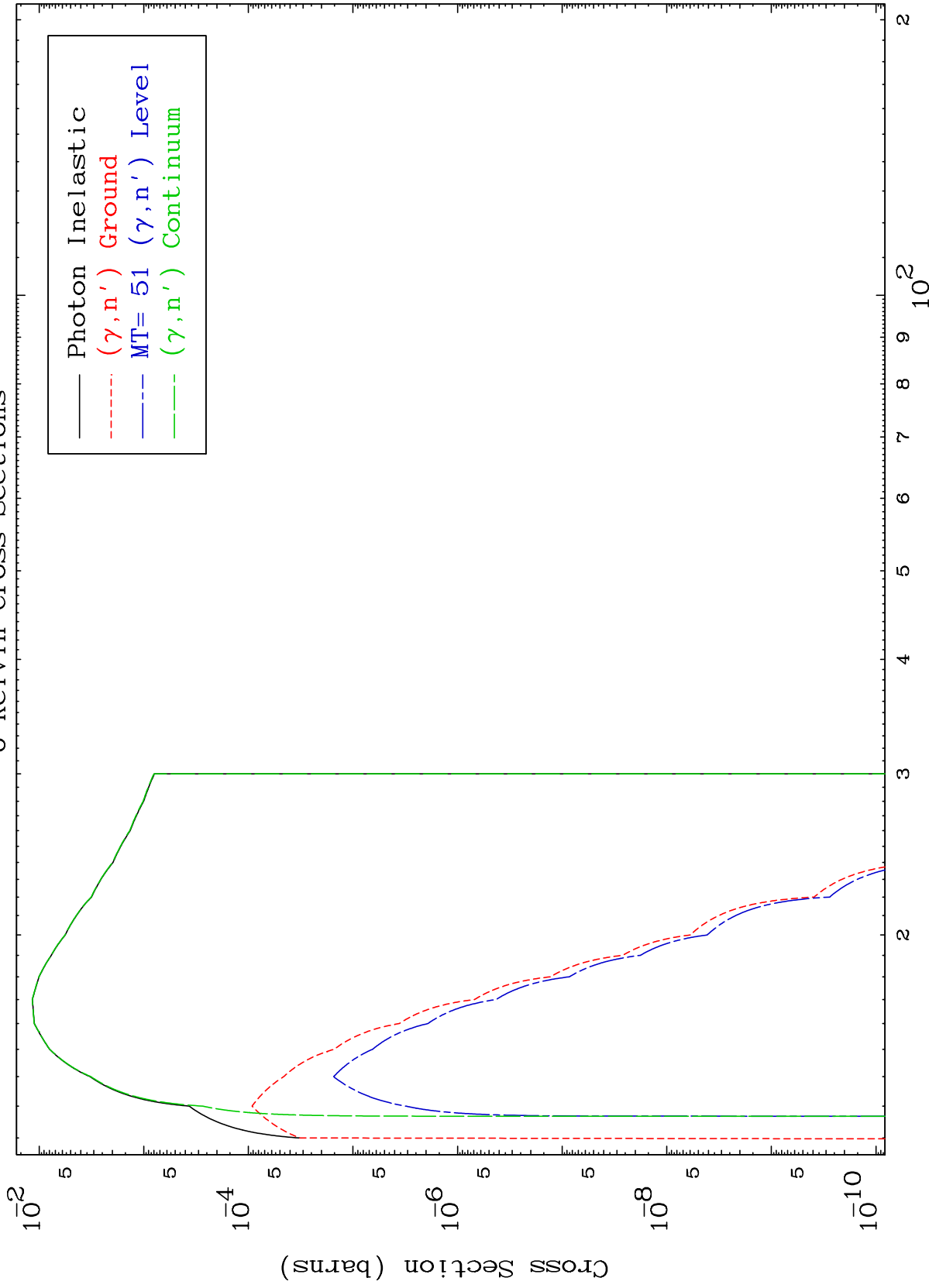
Incident Energy (MeV)

63-Eu-137

MAT 6283

(γ, n') Level
0 Kelvin Cross Sections

63-Eu-137



5

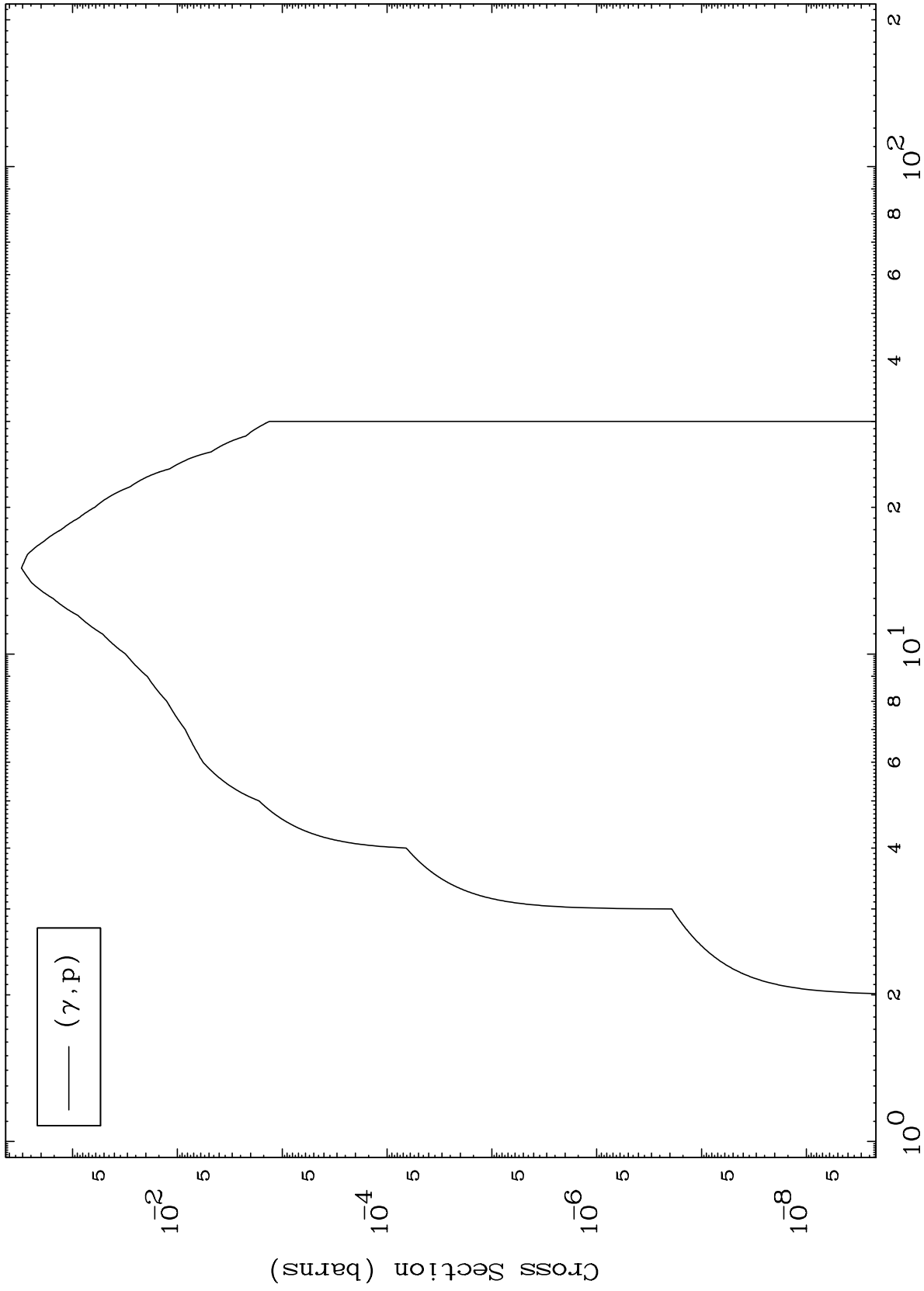
Incident Energy (MeV)

63-Eu-137

MAT 6283

(γ, p) Levels
0 Kelvin Cross Sections

63-Eu-137



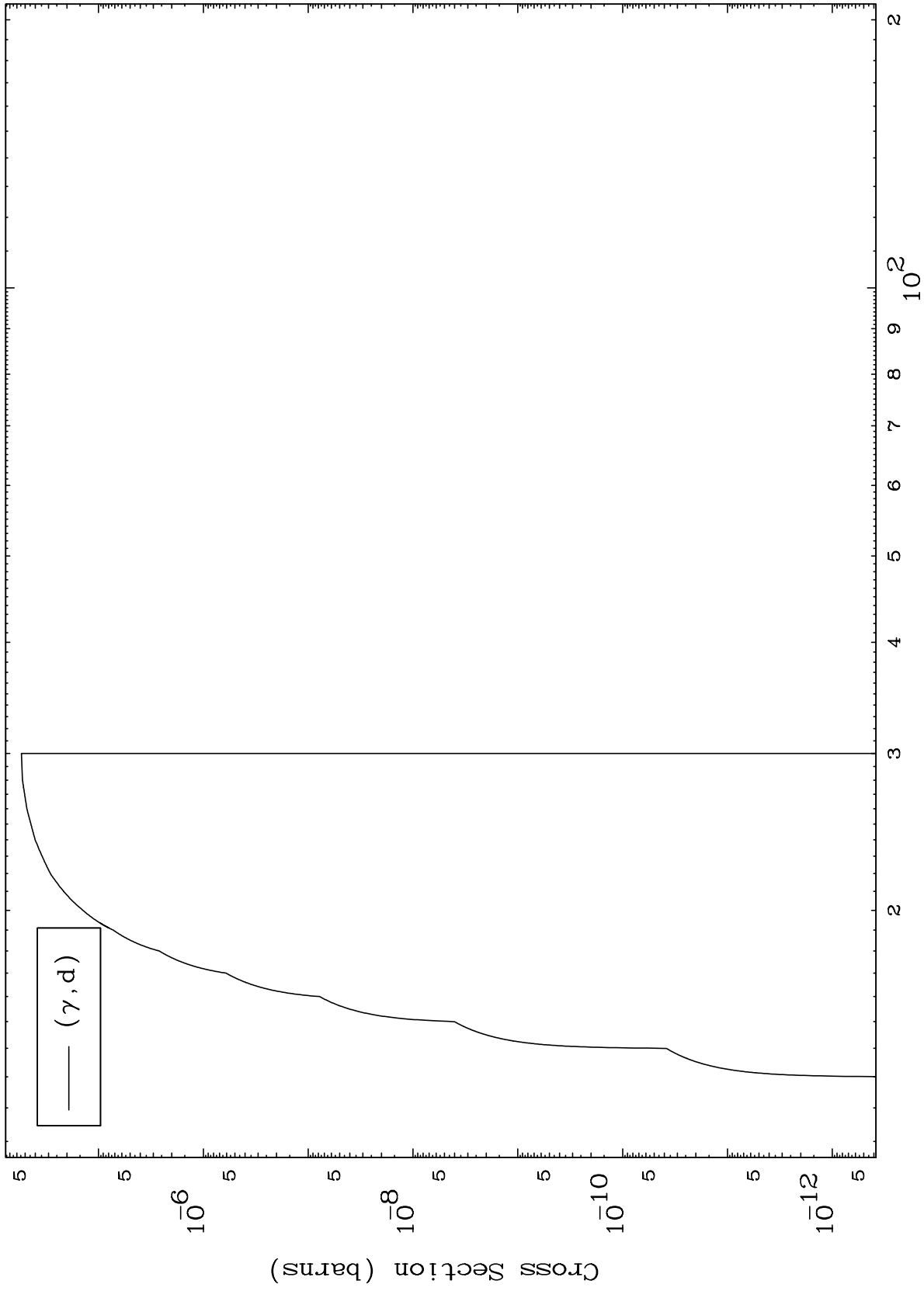
Incident Energy (MeV)

63-Eu-137

MAT 6283

(γ, d) Levels
0 Kelvin Cross Sections

63-Eu-137



7

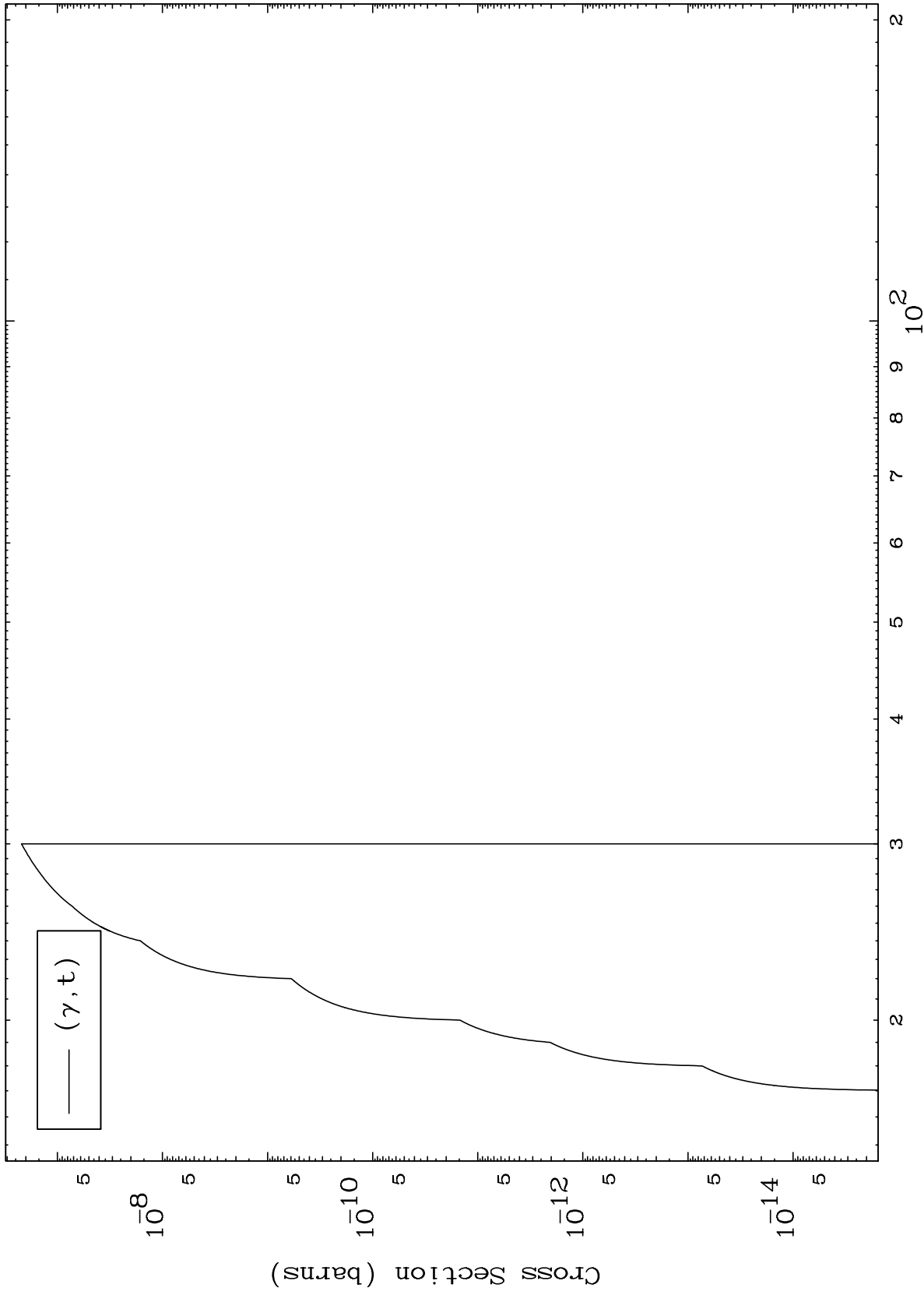
Incident Energy (MeV)

63-Eu-137

MAT 6283

(γ, t) Levels
0 Kelvin Cross Sections

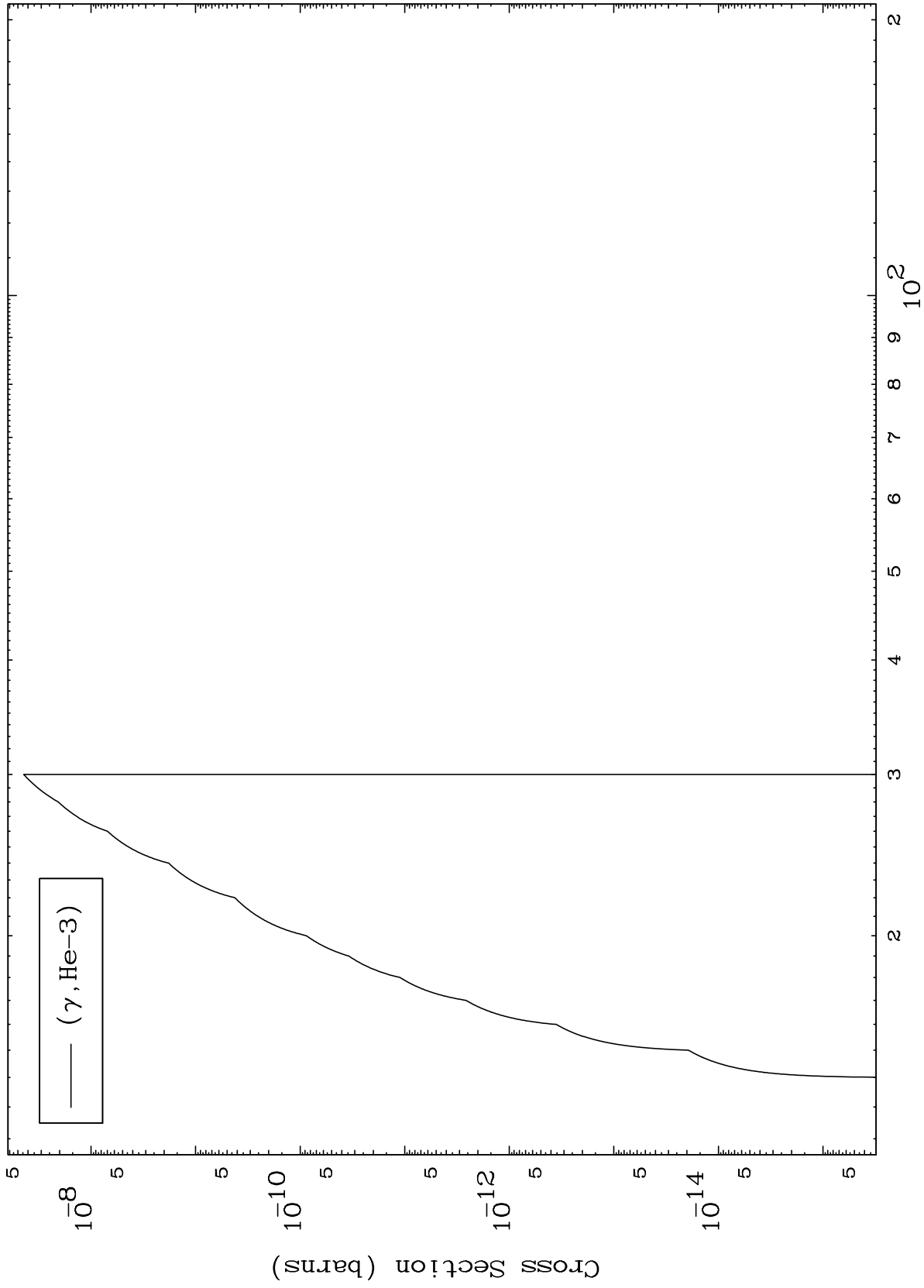
63-Eu-137



8

Incident Energy (MeV)

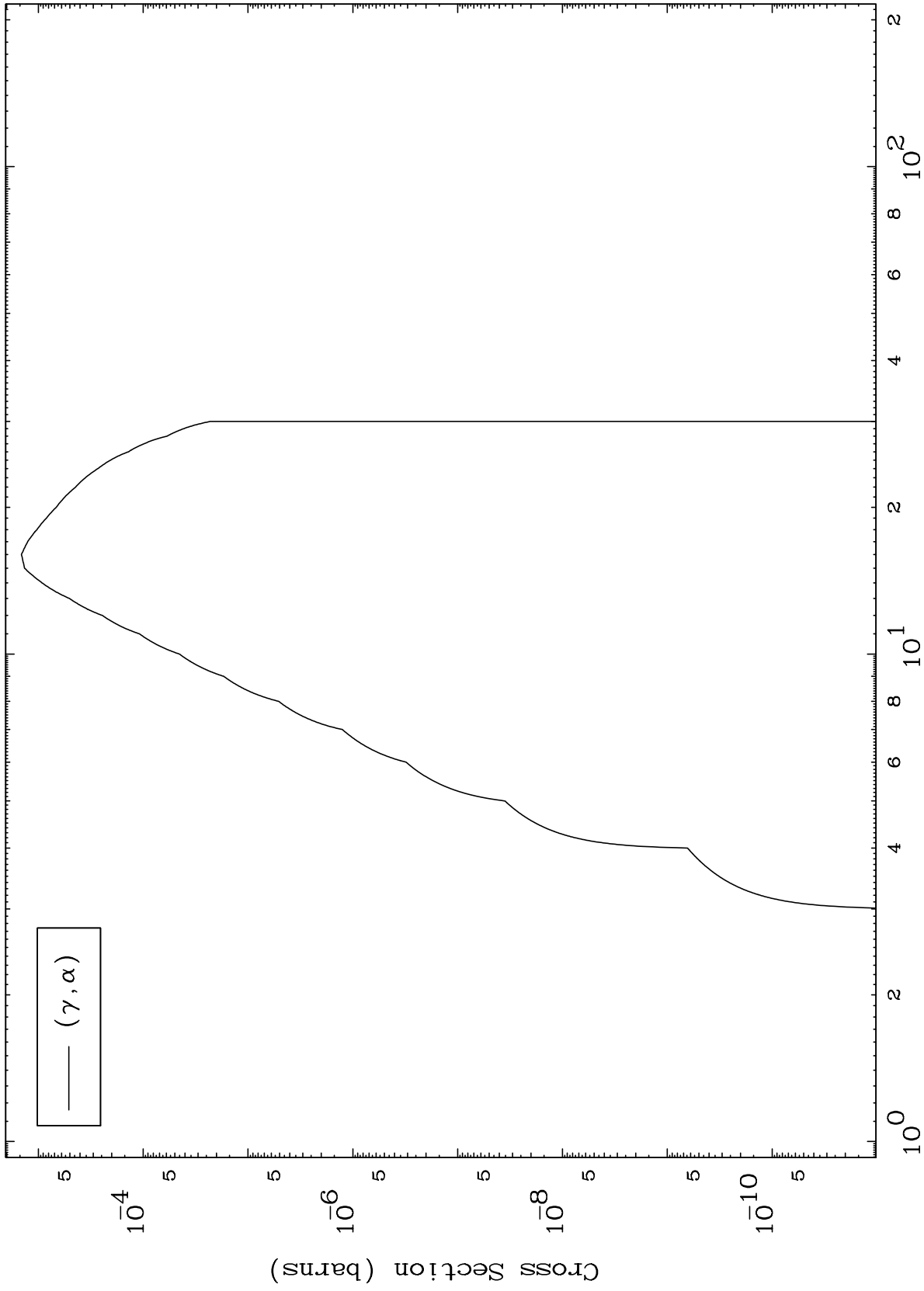
63-Eu-137



MAT 6283

(γ, α) Levels
0 Kelvin Cross Sections

63-Eu-137



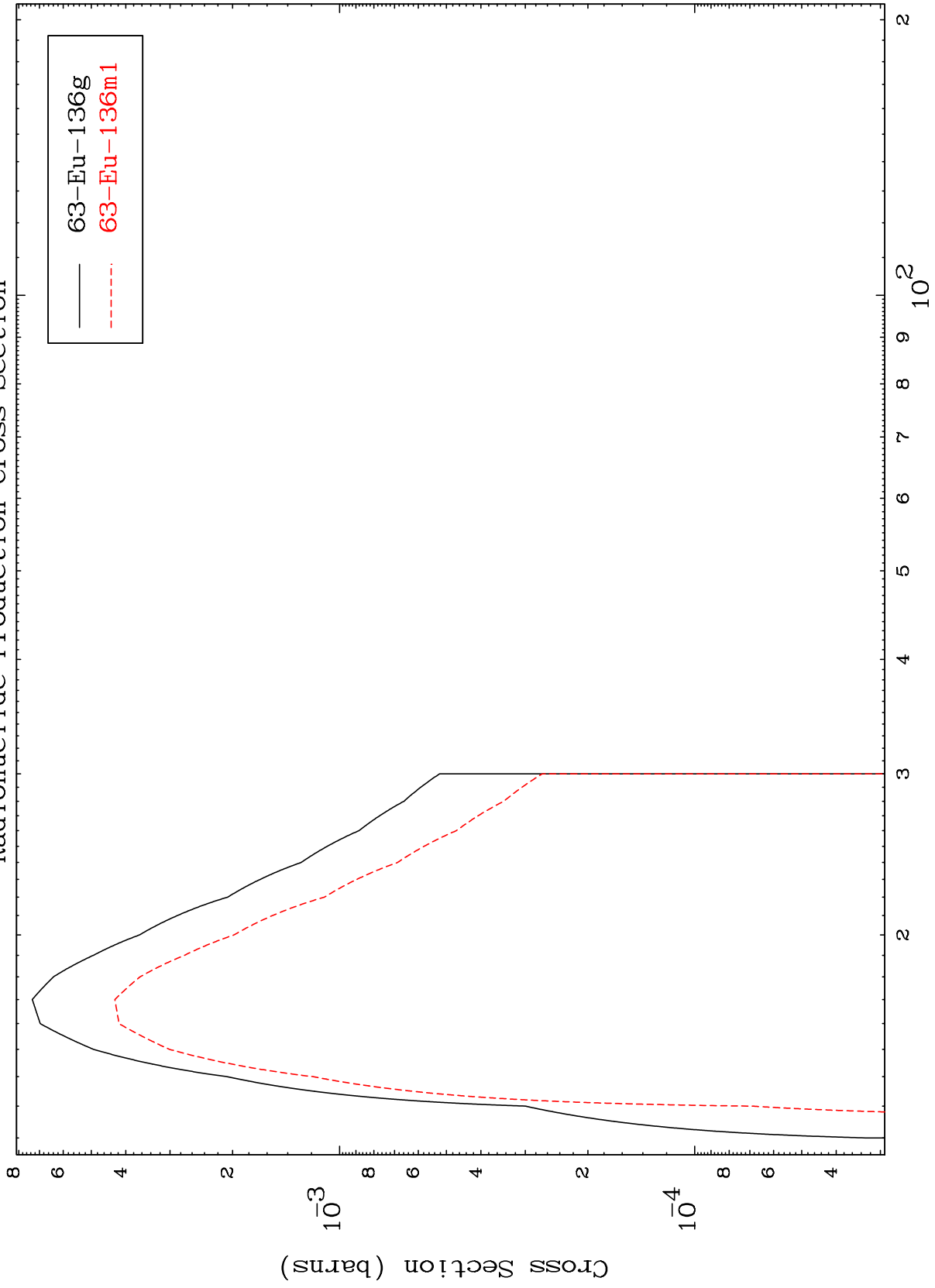
Incident Energy (MeV)

63-Eu-137

MAT 6283

Photon Inelastic
Radionuclide Production Cross Section

63-Eu-137



11

Incident Energy (MeV)

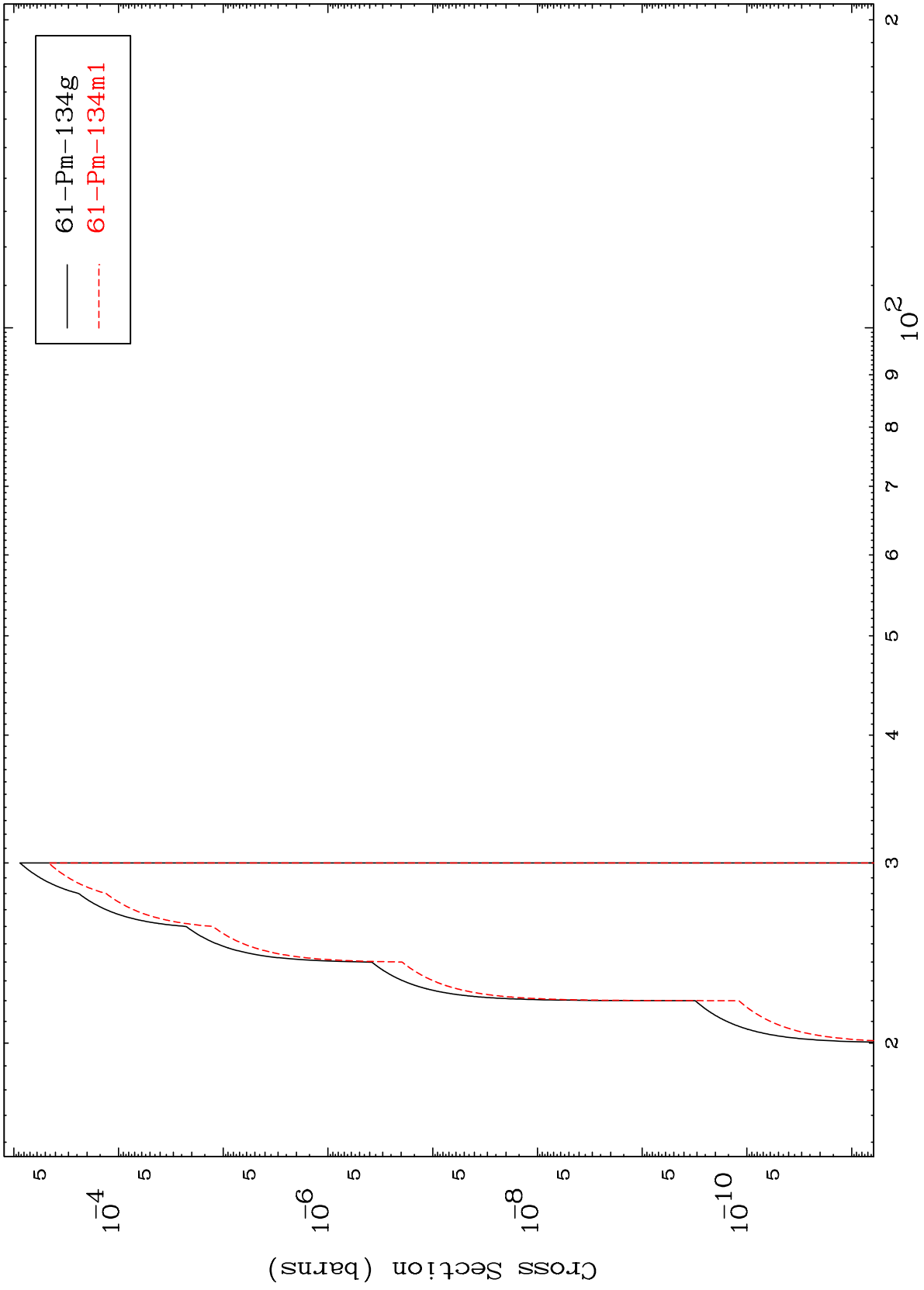
63-Eu-137

MAT 6283

($\gamma, 2n$) p

63-Eu-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

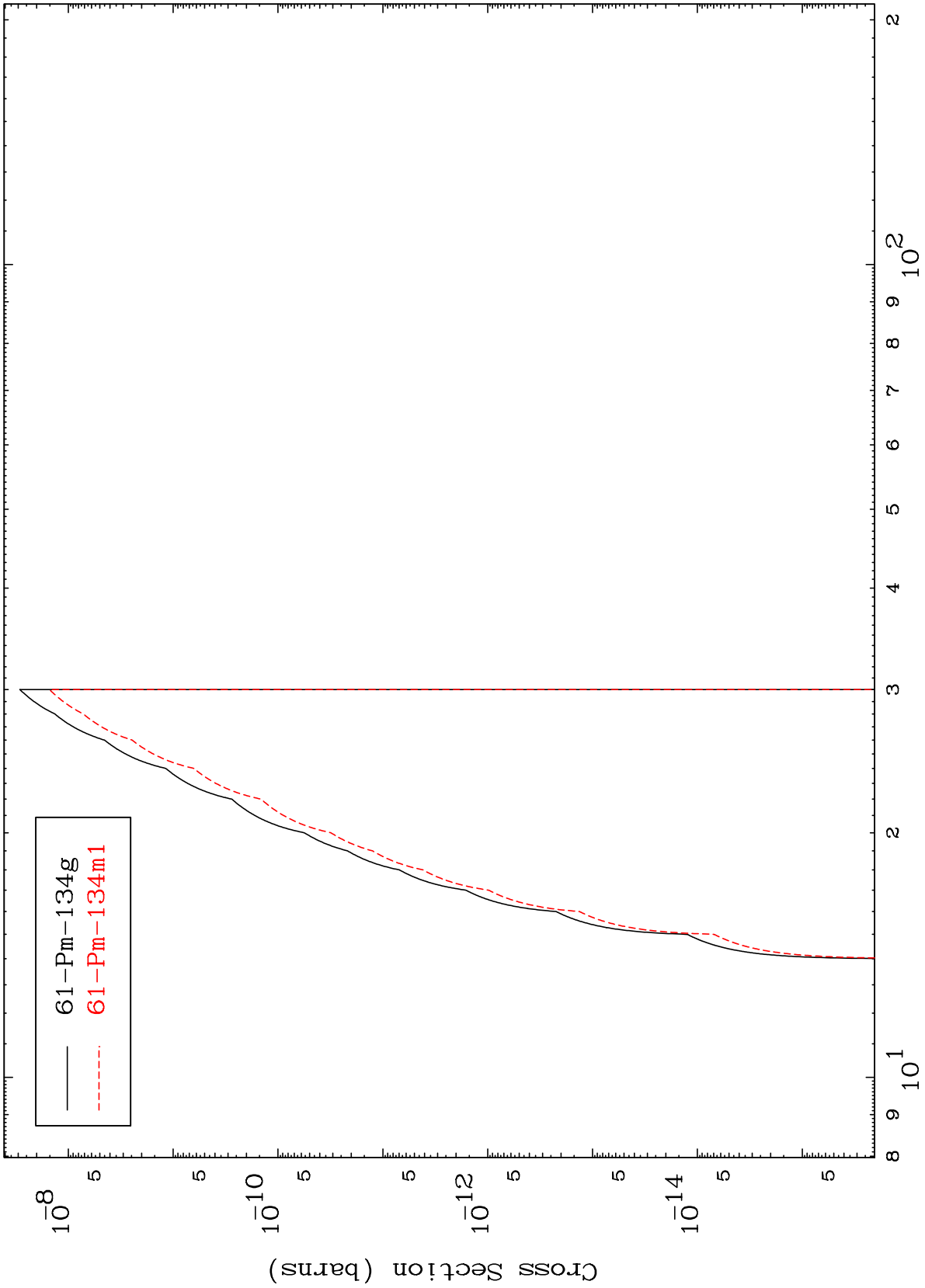
63-Eu-137

MAT 6283

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

63-Eu-137

Radionuclide Production Cross Section



13

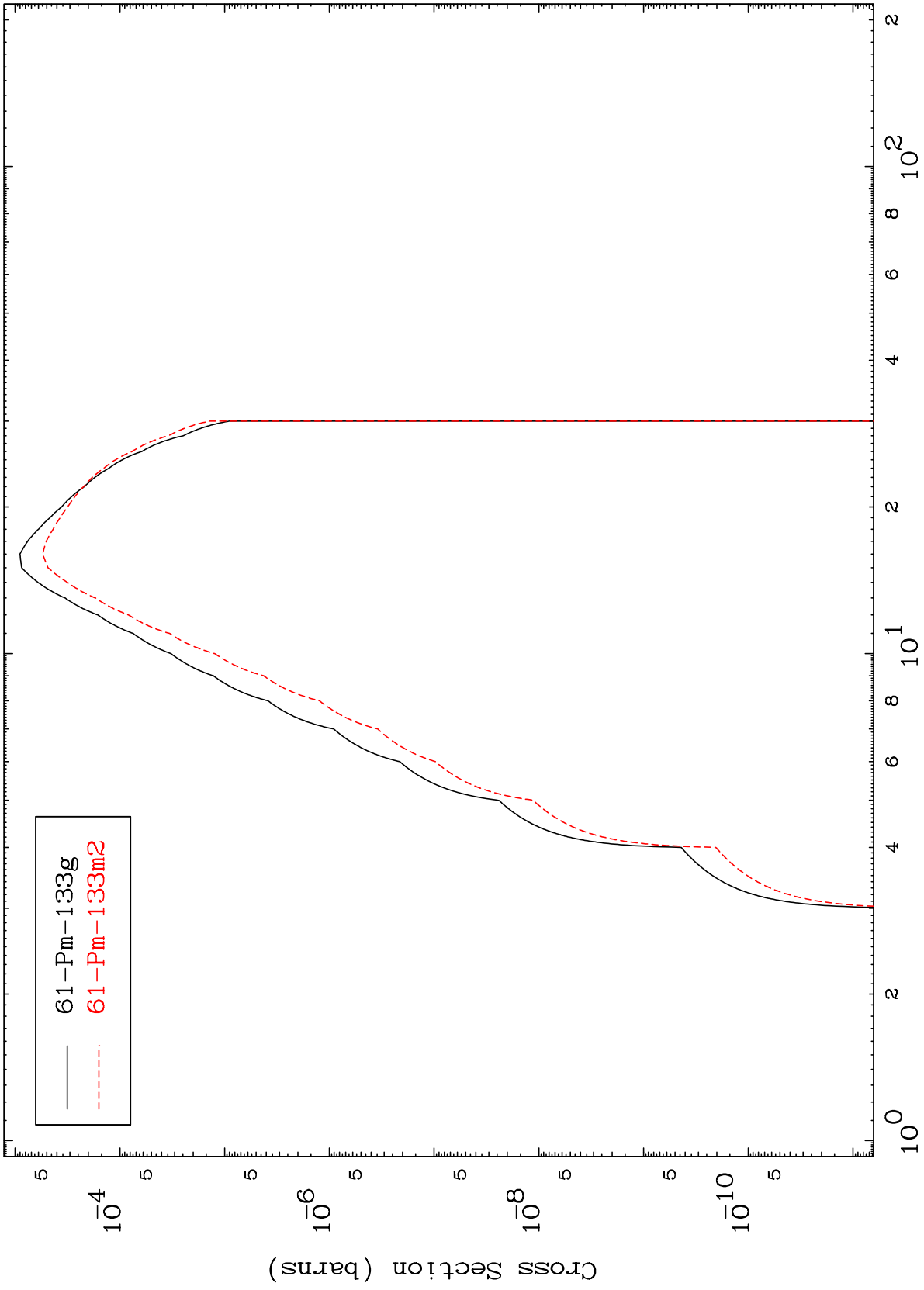
Incident Energy (MeV)

63-Eu-137

MAT 6283

63-Eu-137

Radionuclide Production Cross Section



14

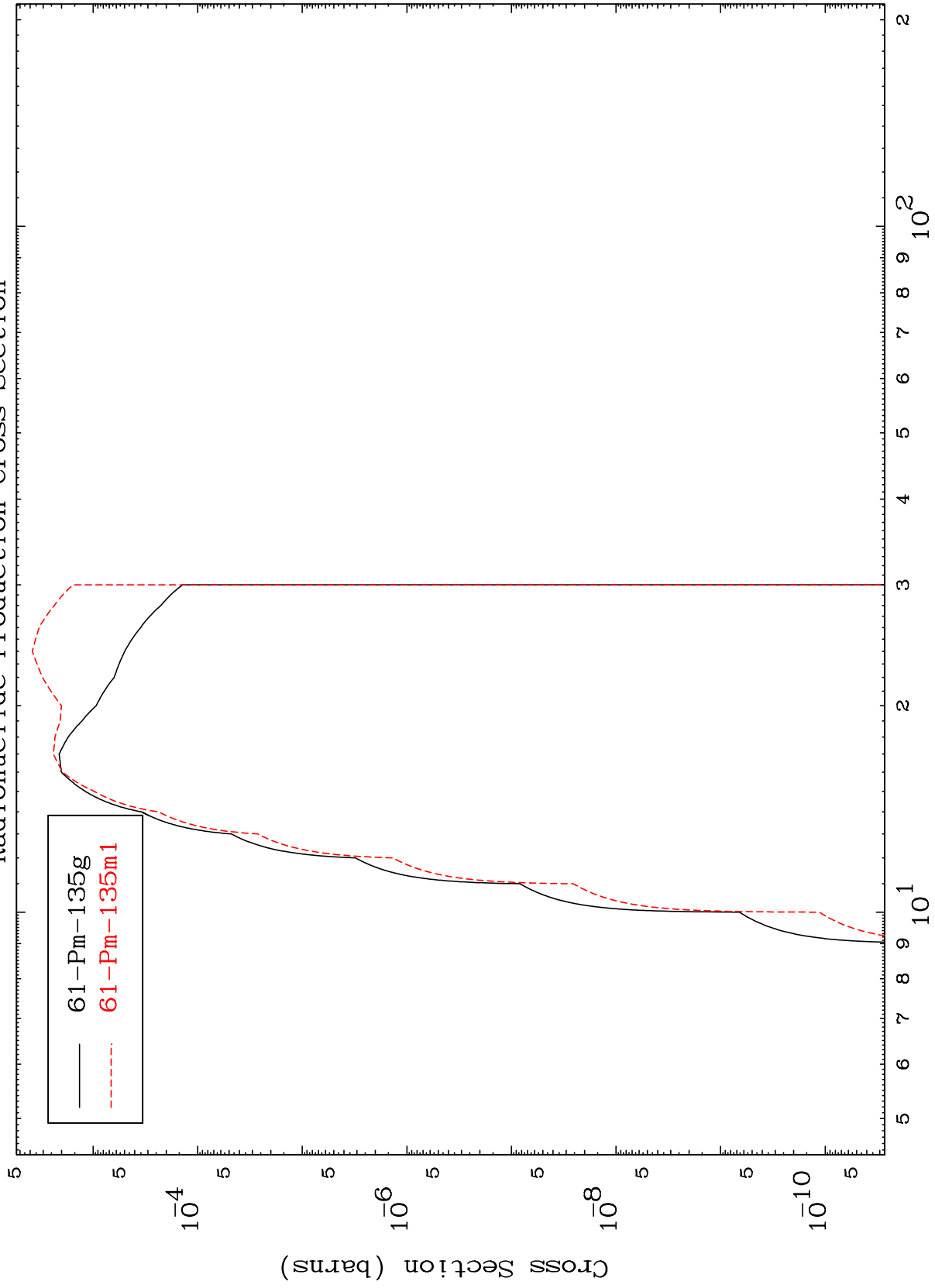
Incident Energy (MeV)

63-Eu-137

MAT 6283

63-Eu-137

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



15

Incident Energy (MeV)

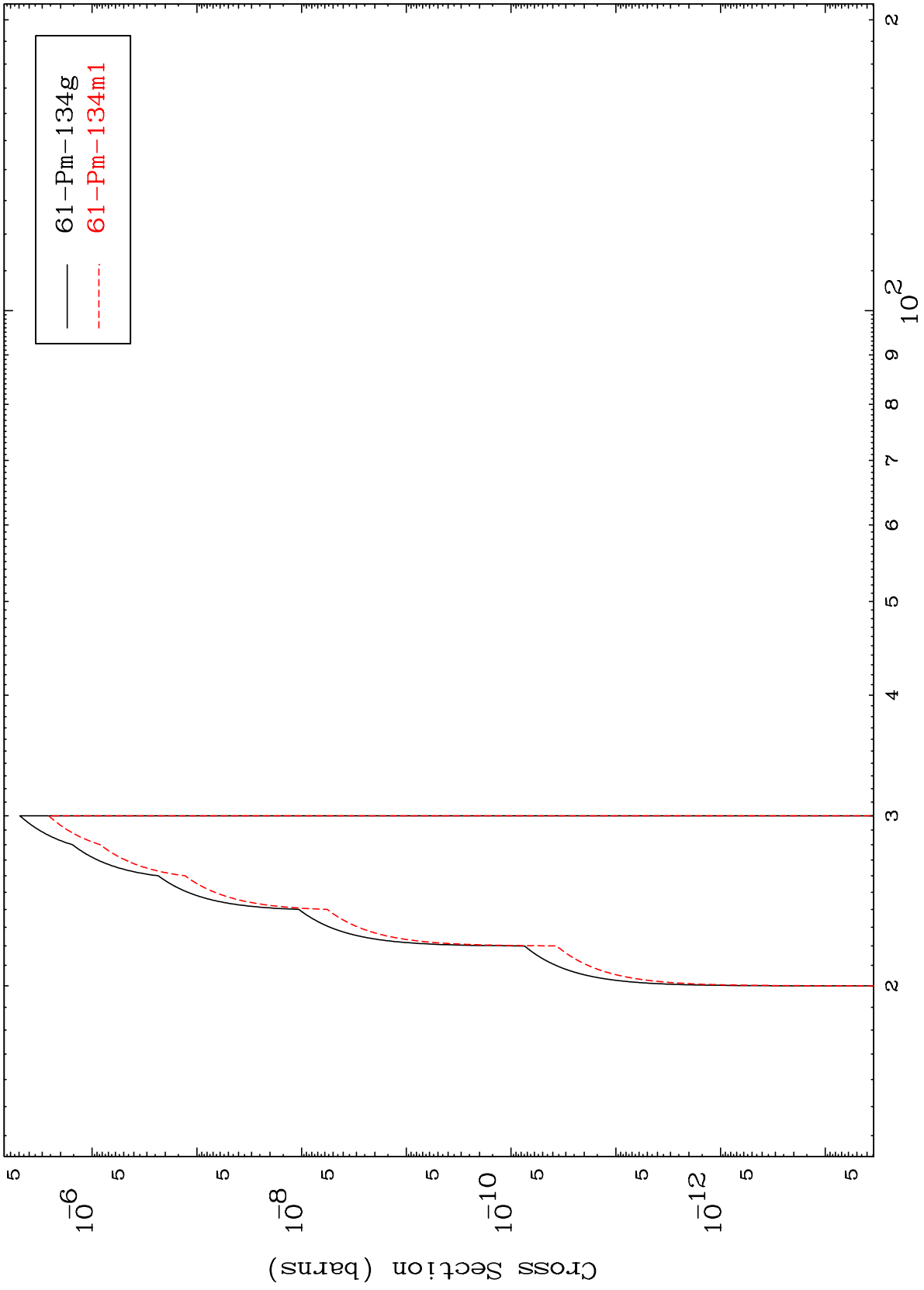
63-Eu-137

MAT 6283

(γ, p) d

63-Eu-137

Radionuclide Production Cross Section



16

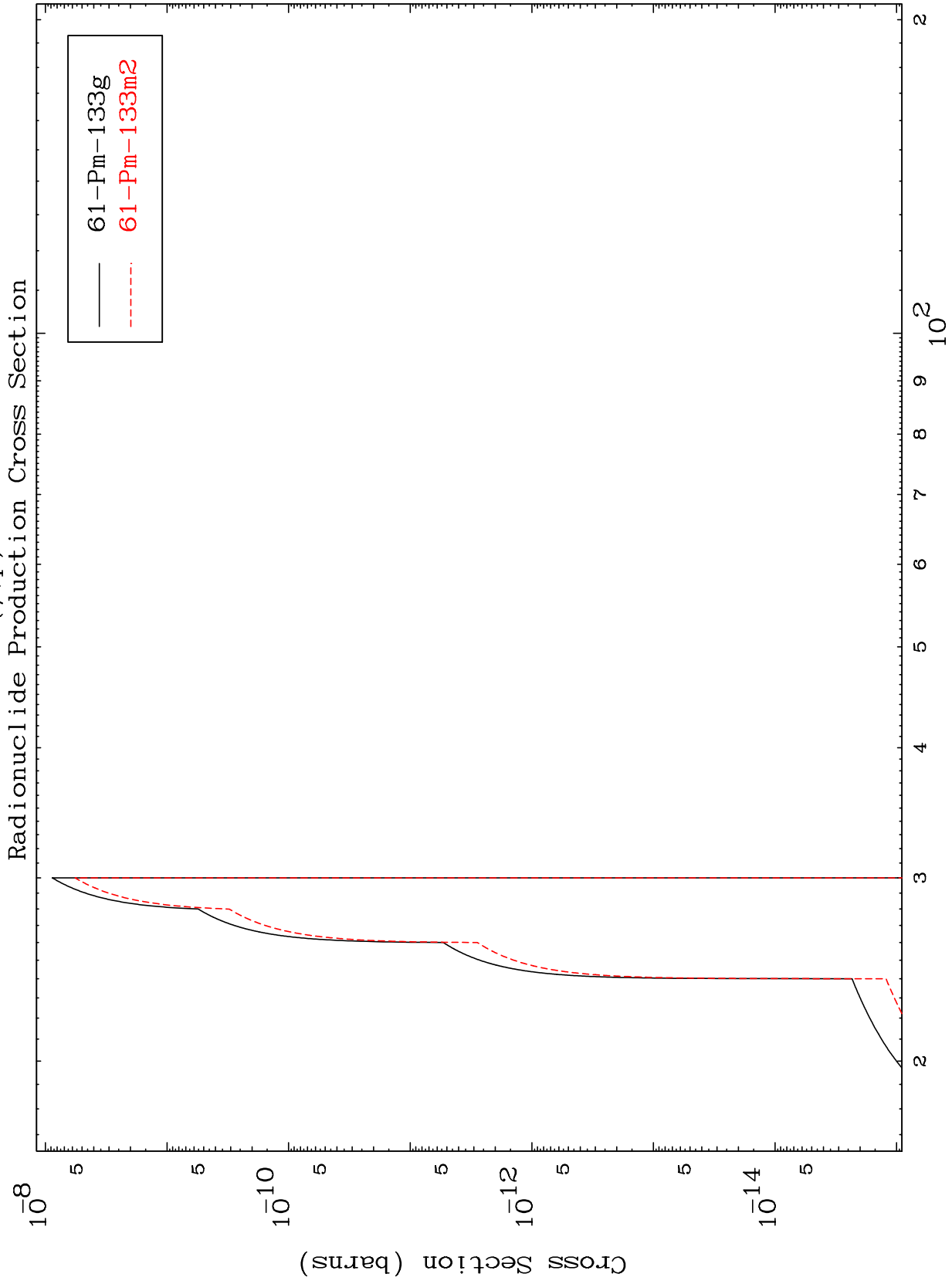
Incident Energy (MeV)

63-Eu-137

MAT 6283

(γ, p) t

63-Eu-137



17

Incident Energy (MeV)

63-Eu-137