

Program EVALPLOT
(Version 2017-1)

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

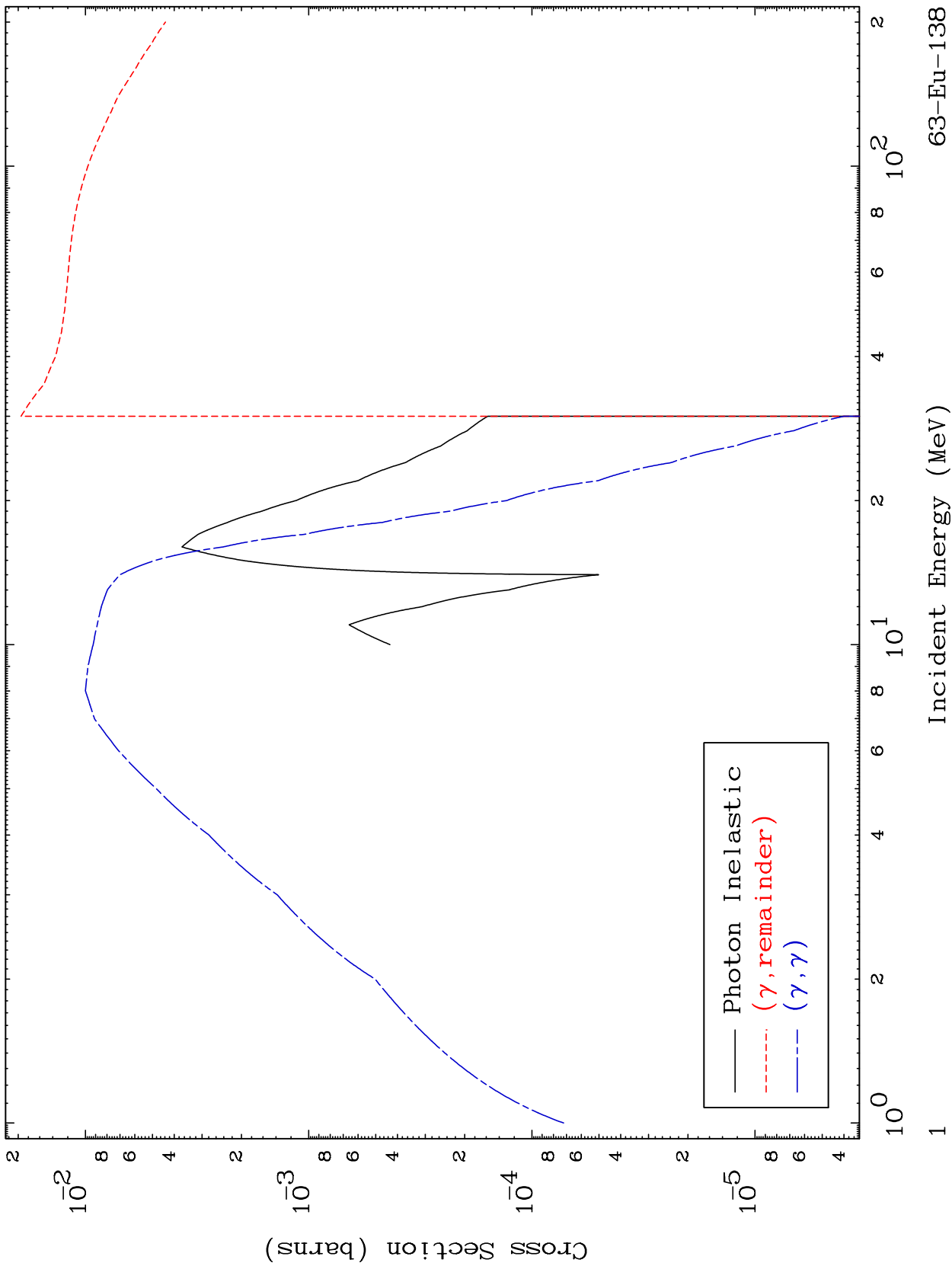
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6286

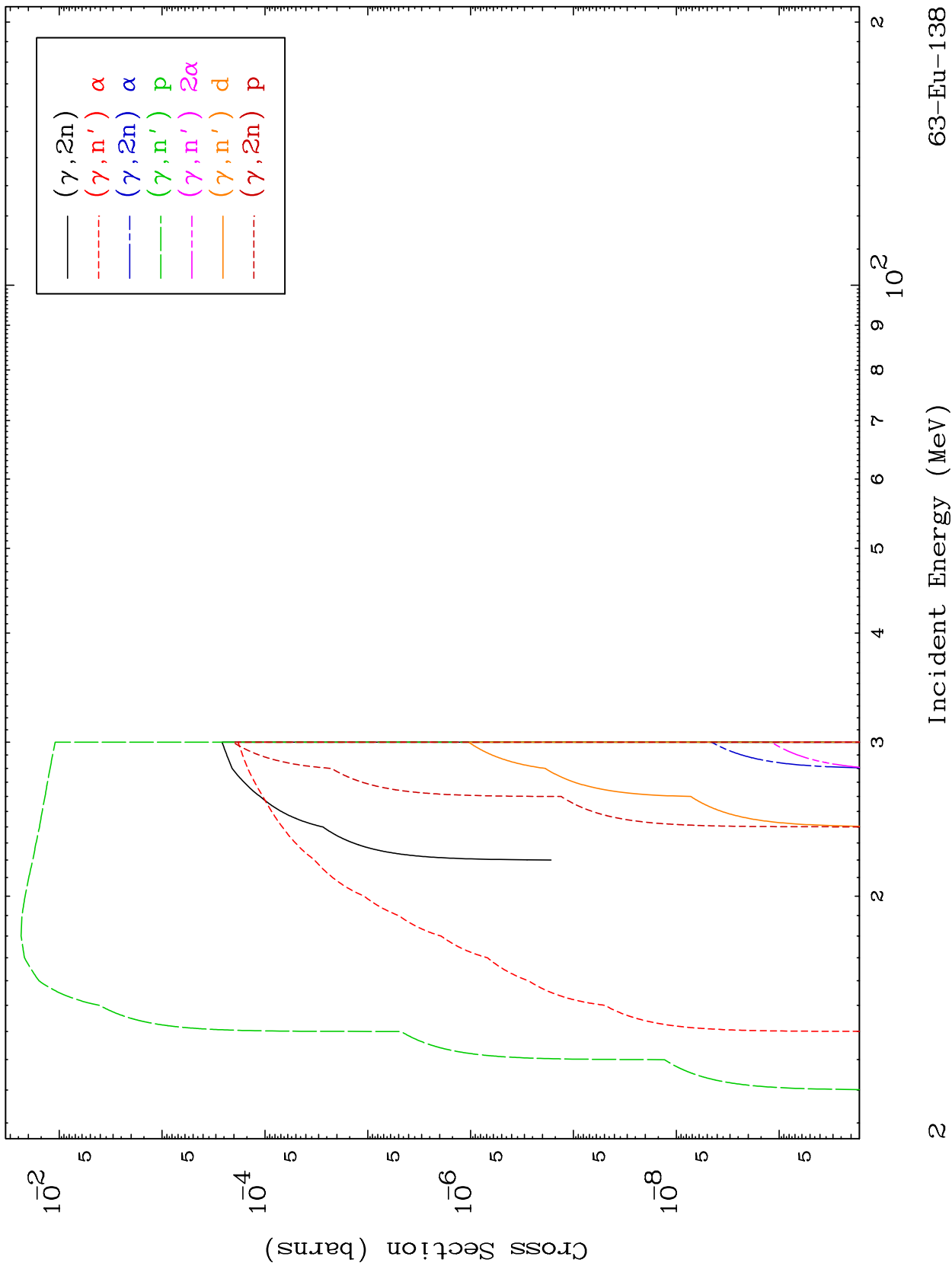
Photon Major
0 Kelvin Cross Sections

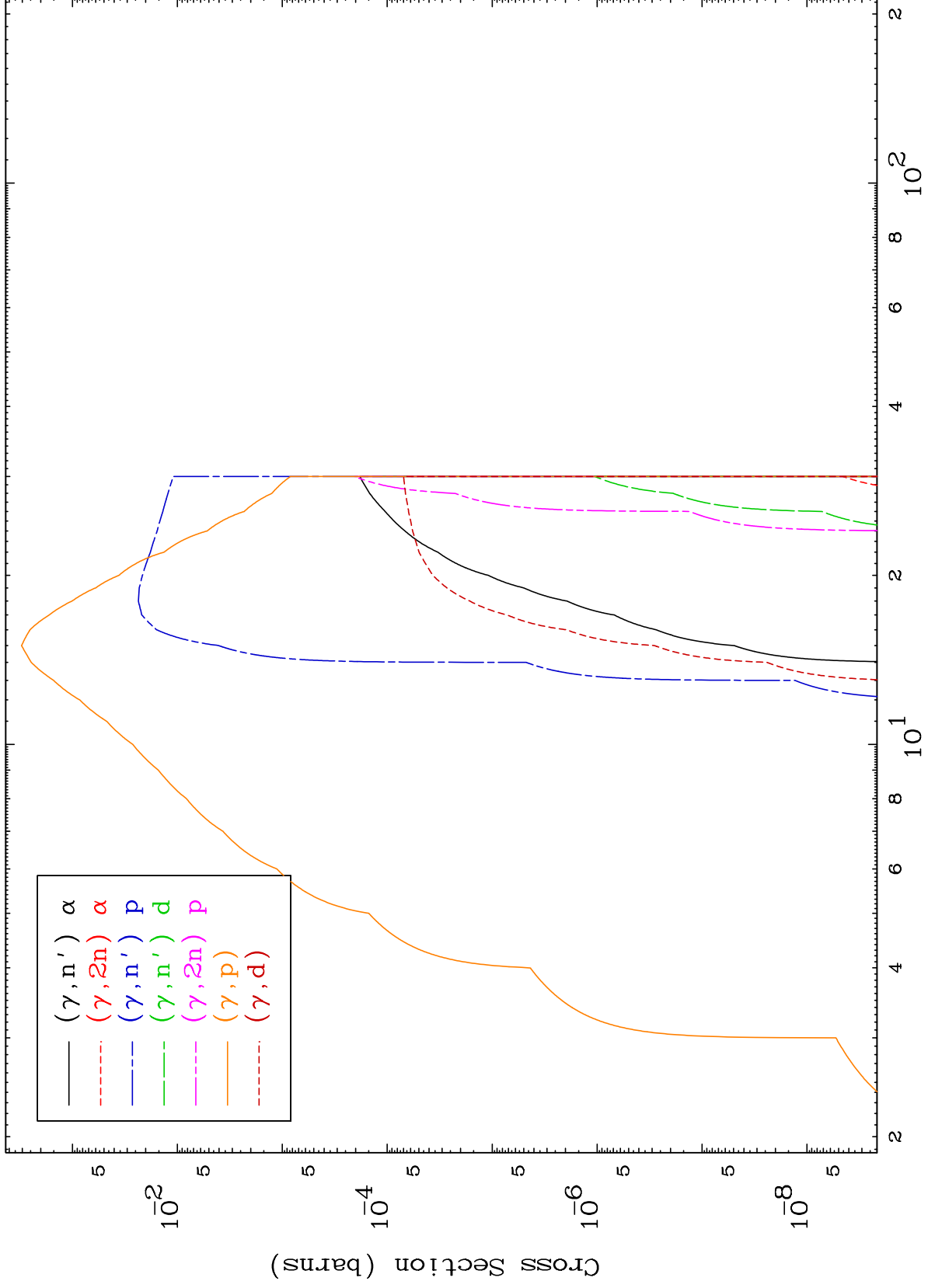
63-Eu-138

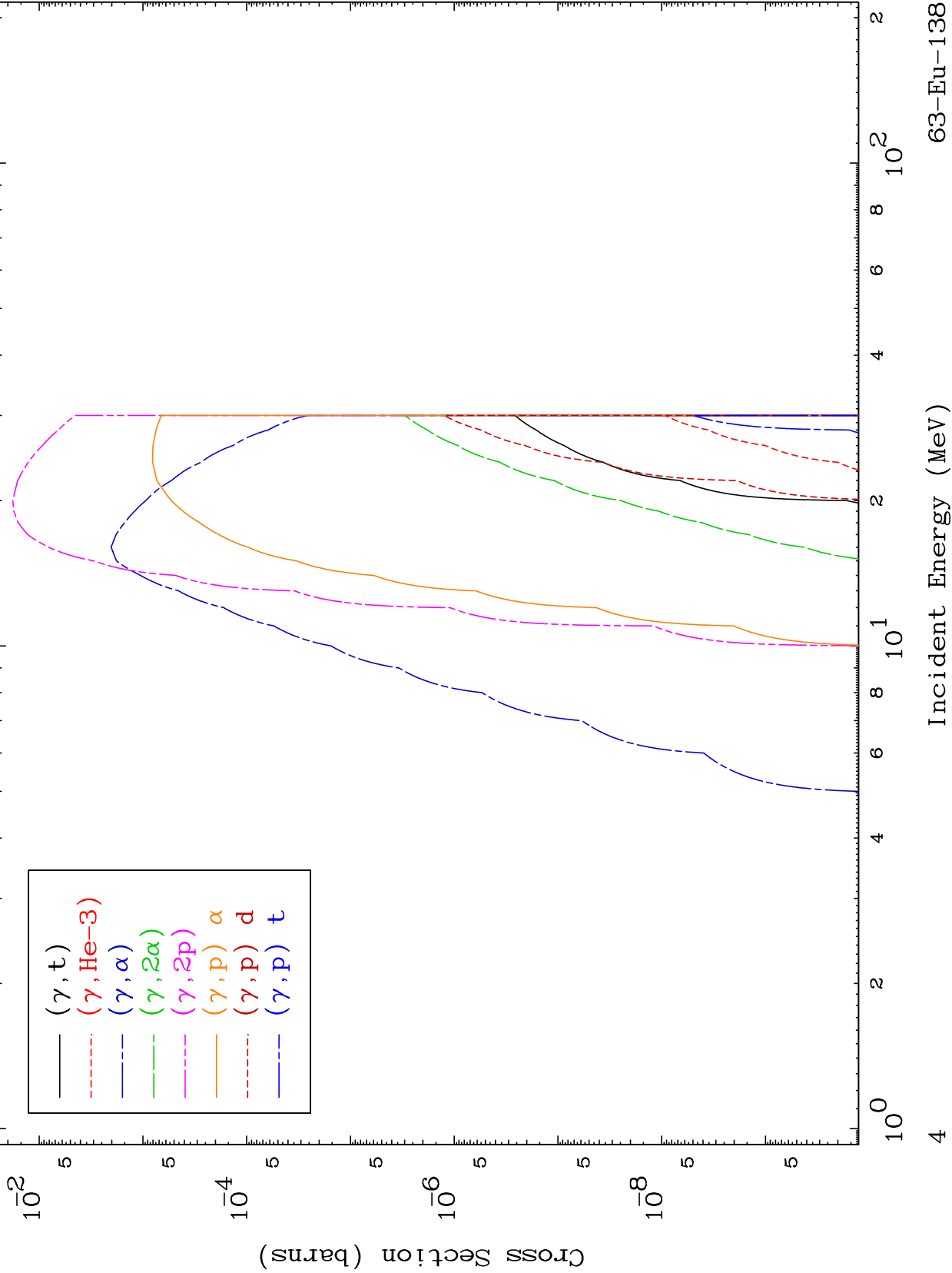


63-Eu-138

Incident Energy (MeV)



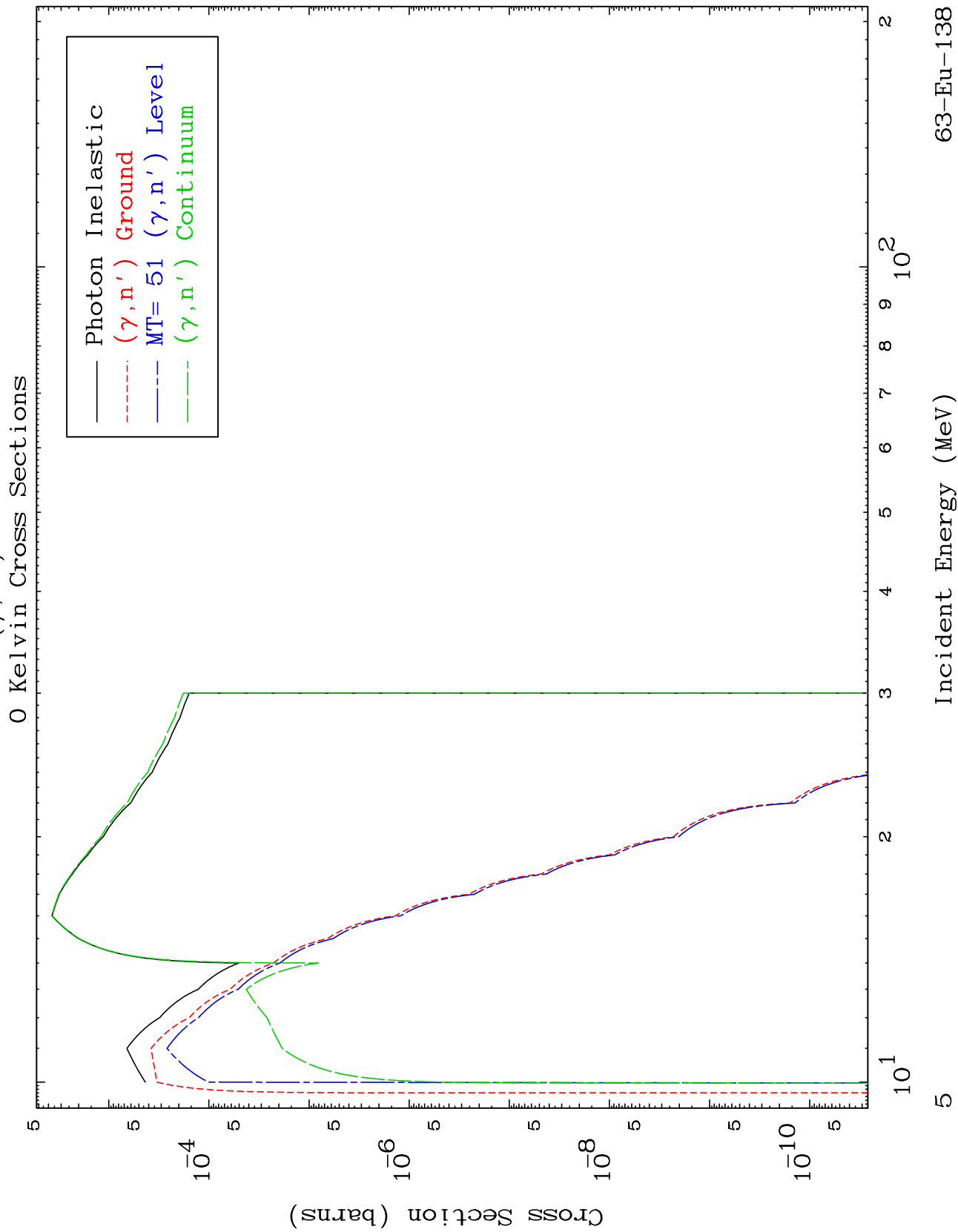




MAT 6286

(γ, n') Level

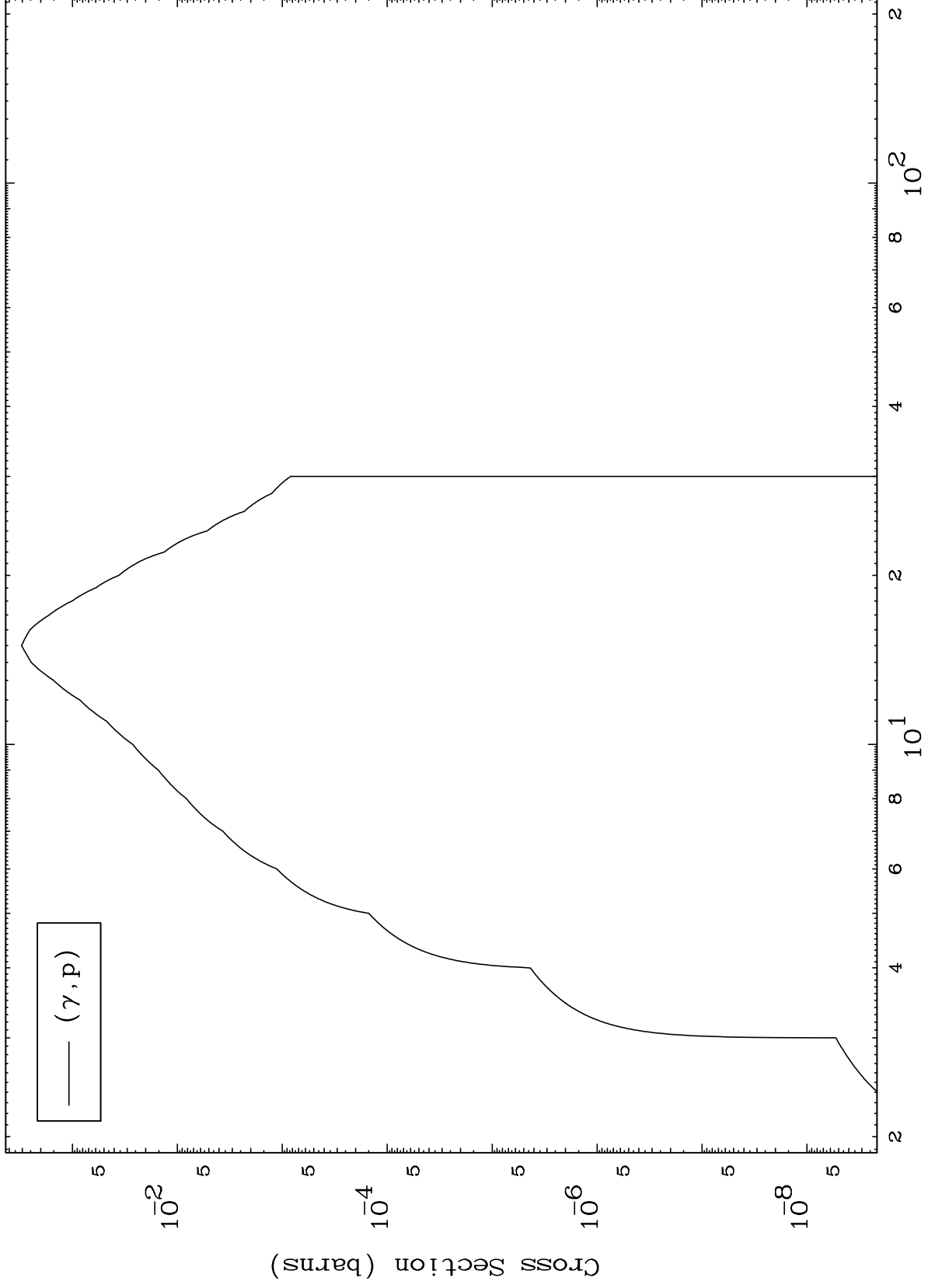
63-Eu-138



MAT 6286

(γ, p) Levels
0 Kelvin Cross Sections

63-Eu-138



6

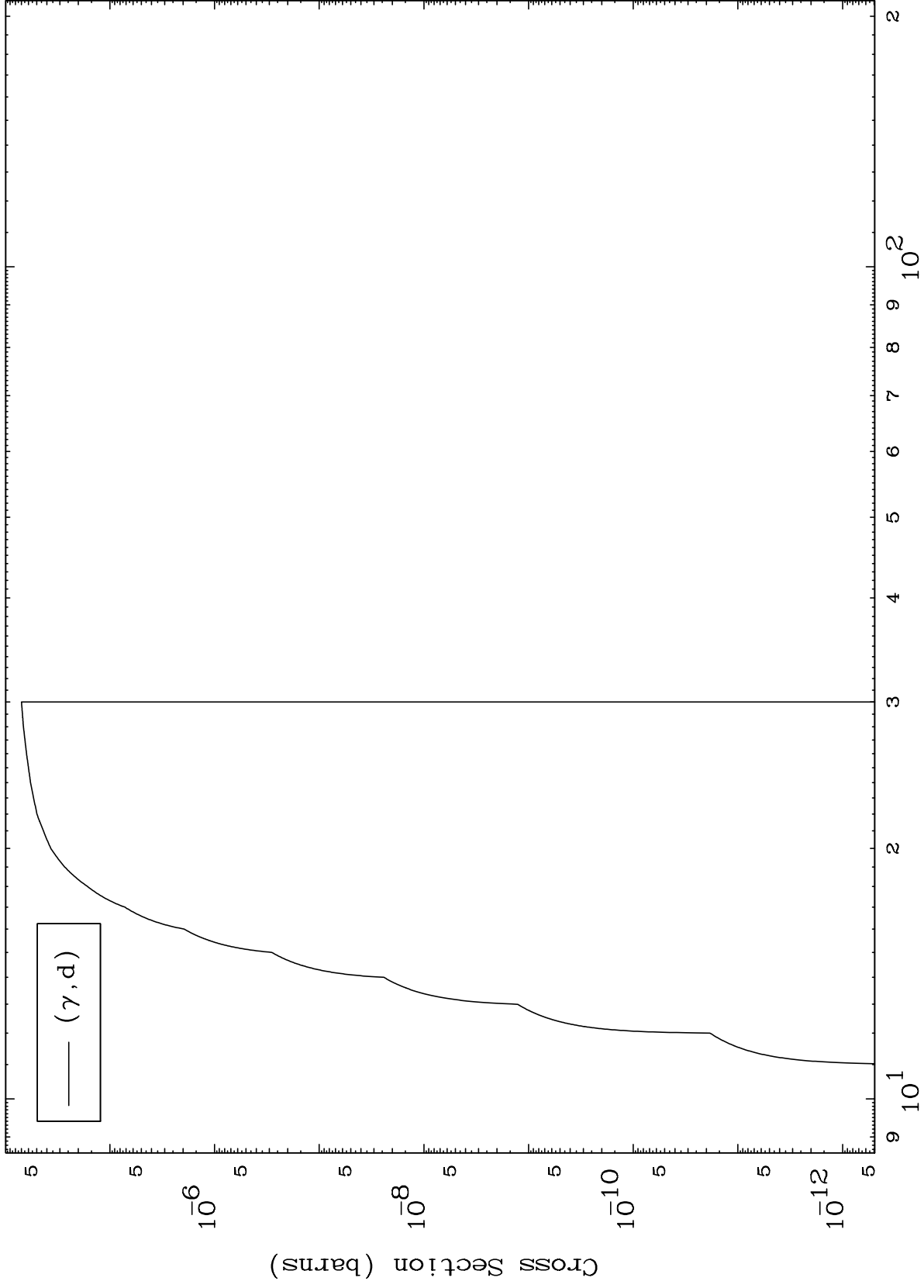
Incident Energy (MeV)

63-Eu-138

MAT 6286

(γ, d) Levels
0 Kelvin Cross Sections

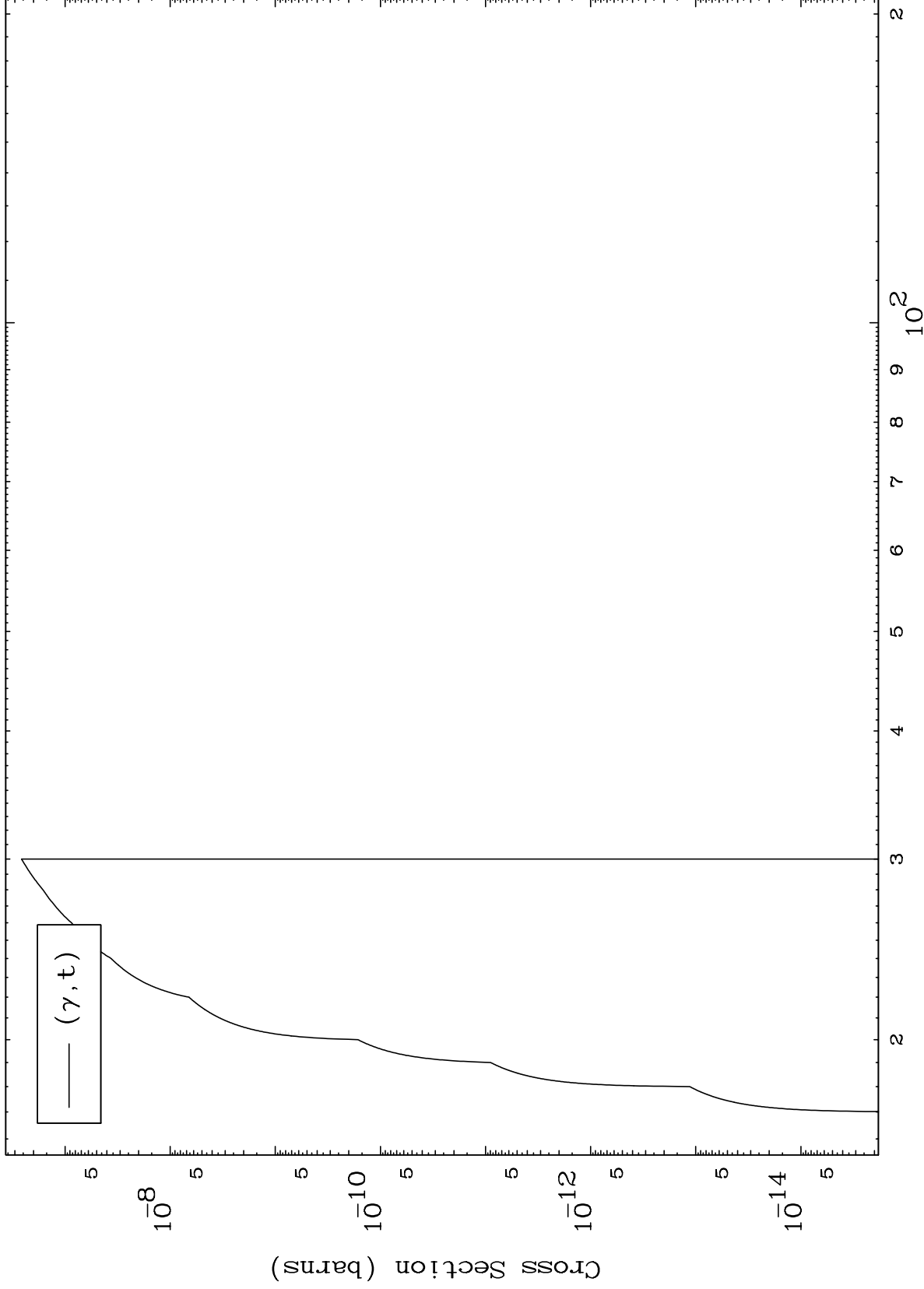
63-Eu-138



Incident Energy (MeV)

63-Eu-138

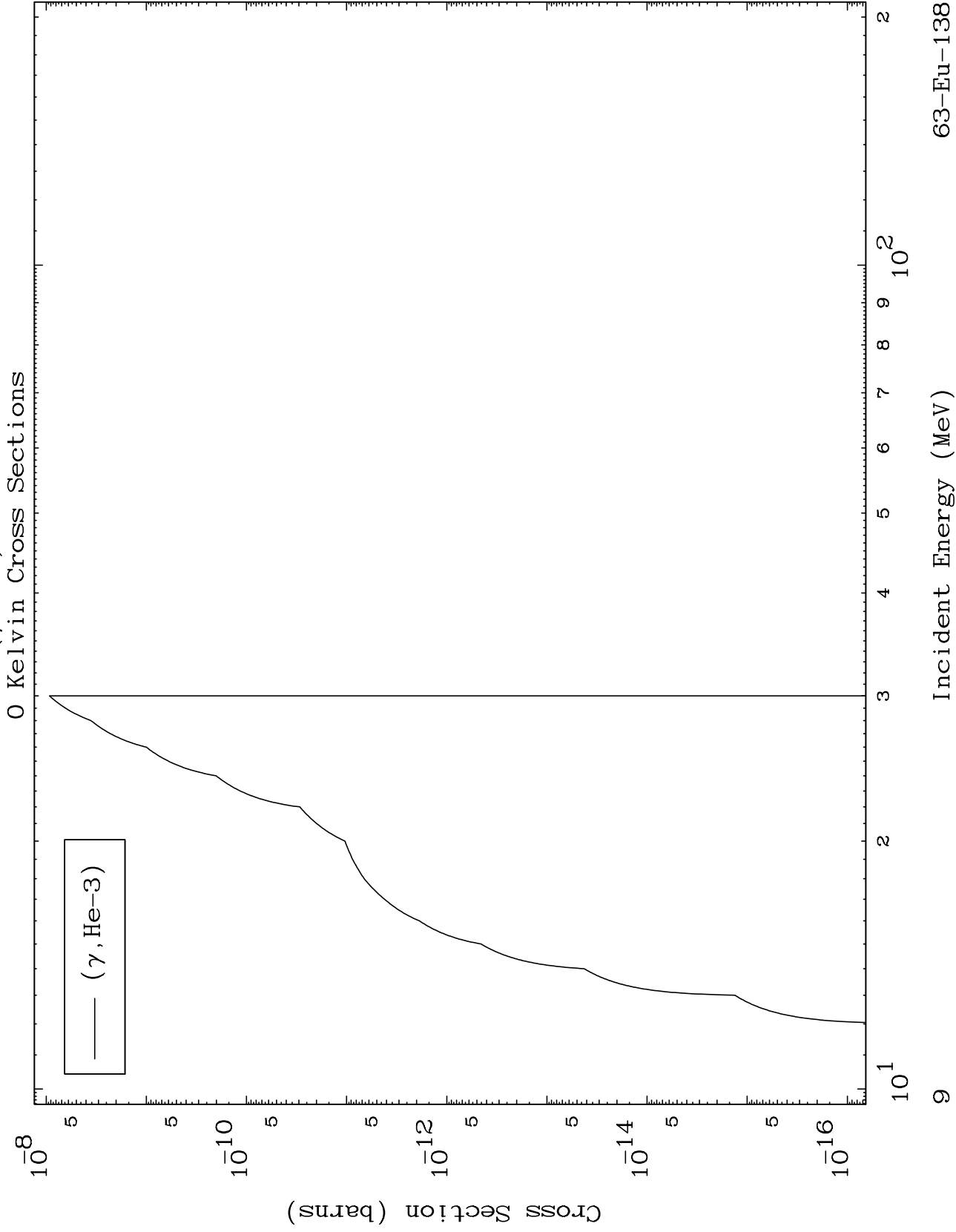
7



MAT 6286

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

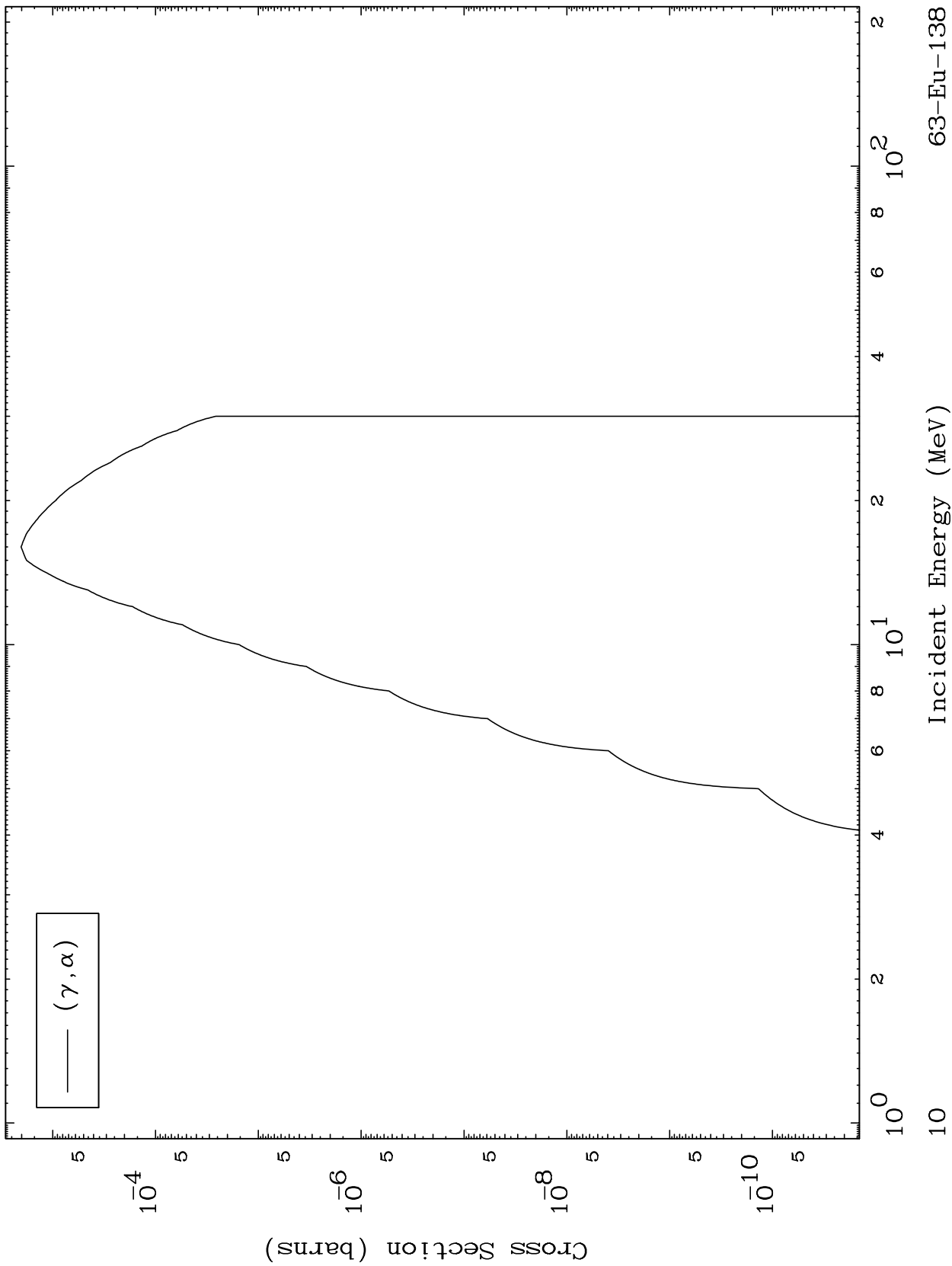
63-Eu-138



MAT 6286

63-Eu-138

(γ, α) Levels
0 Kelvin Cross Sections



63-Eu-138

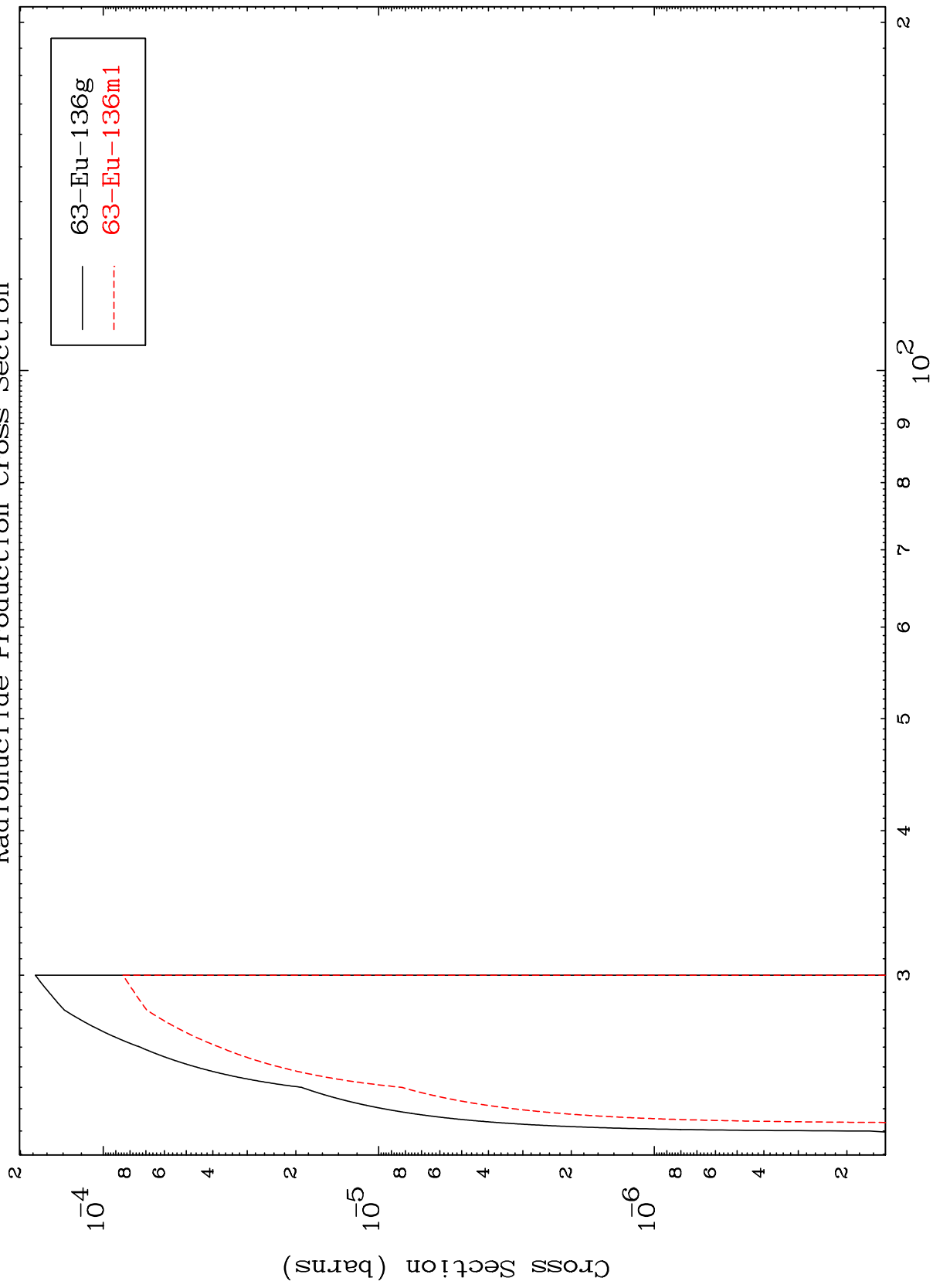
Incident Energy (MeV)

MAT 6286

63-Eu-138

($\gamma, 2n$)

Radionuclide Production Cross Section



63-Eu-138

Incident Energy (MeV)

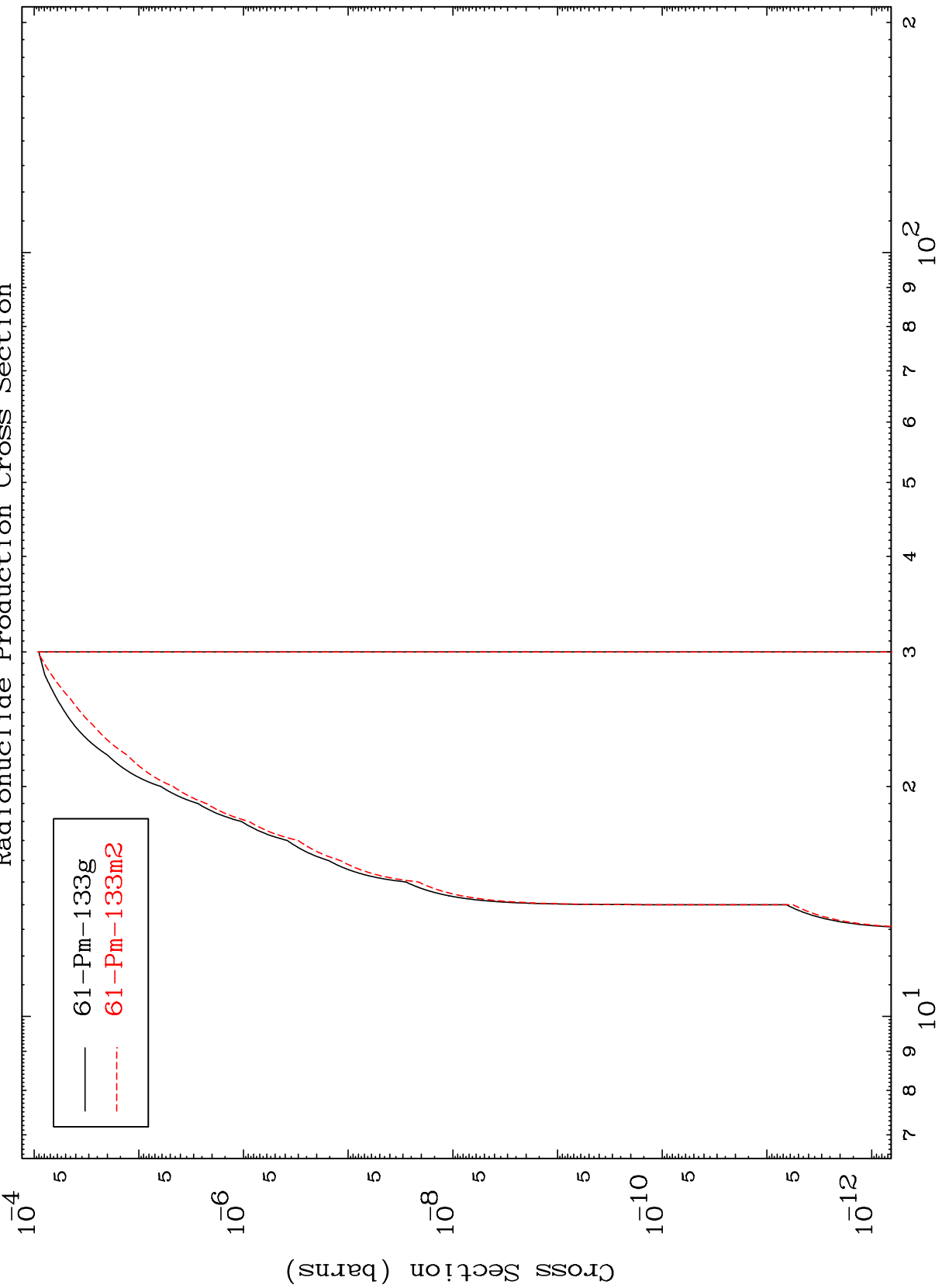
11

MAT 6286

63-Eu-138

(γ, n') α

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

12

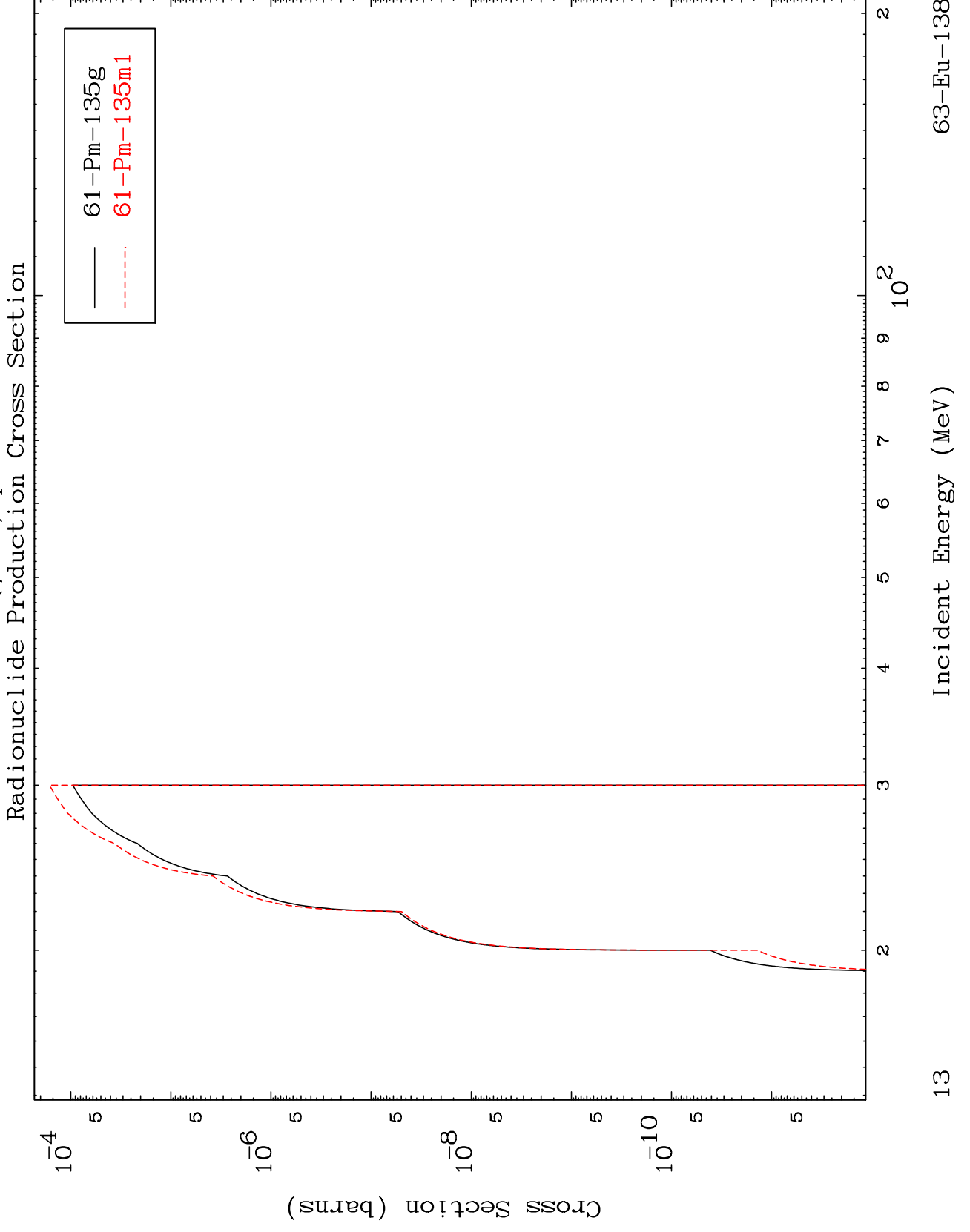
Incident Energy (MeV)

63-Eu-138

MAT 6286

$(\gamma, 2n)$ p

63-Eu-138



13

Incident Energy (MeV)

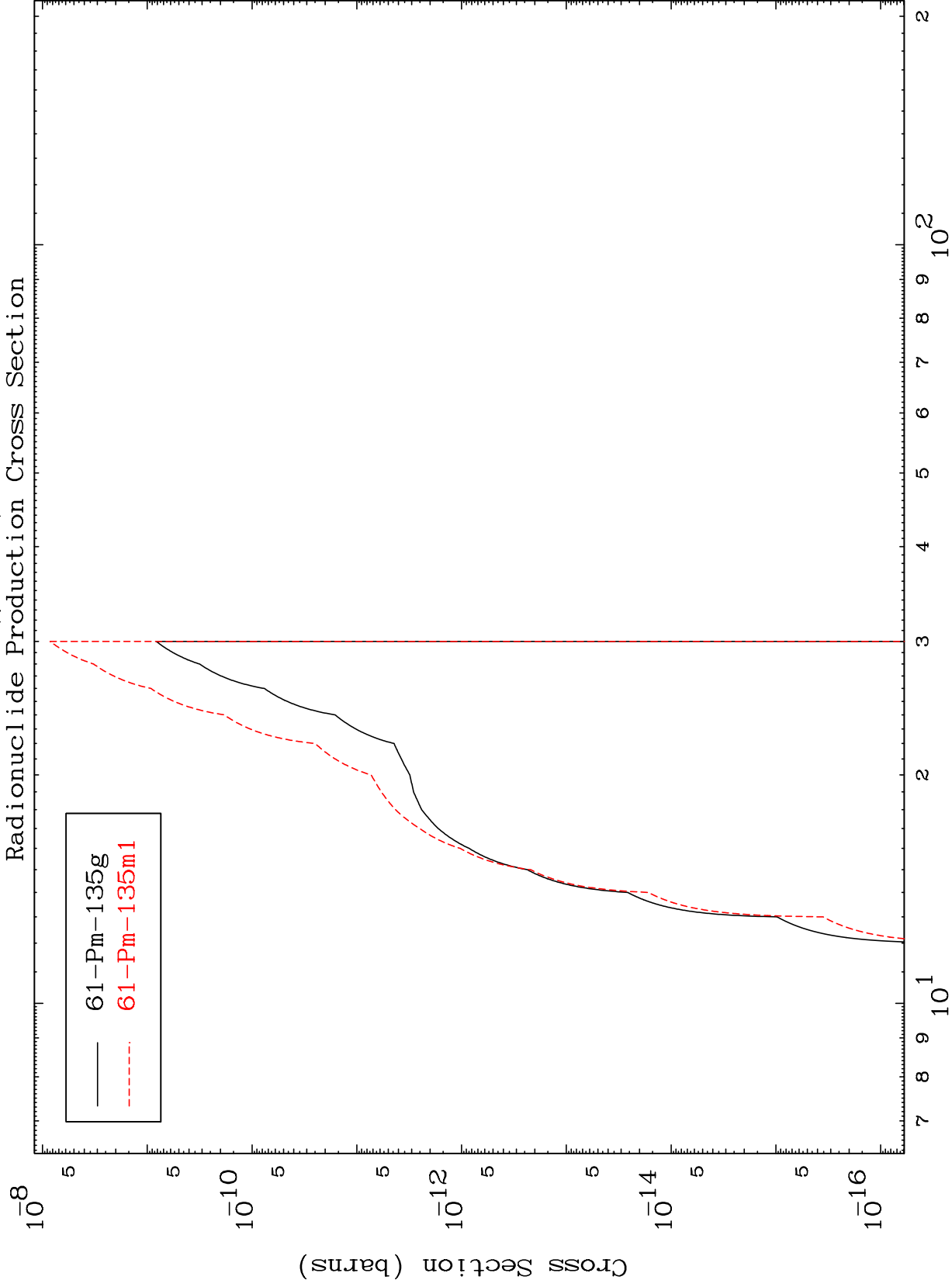
63-Eu-138

MAT 6286

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

63-Eu-138

Radionuclide Production Cross Section



14

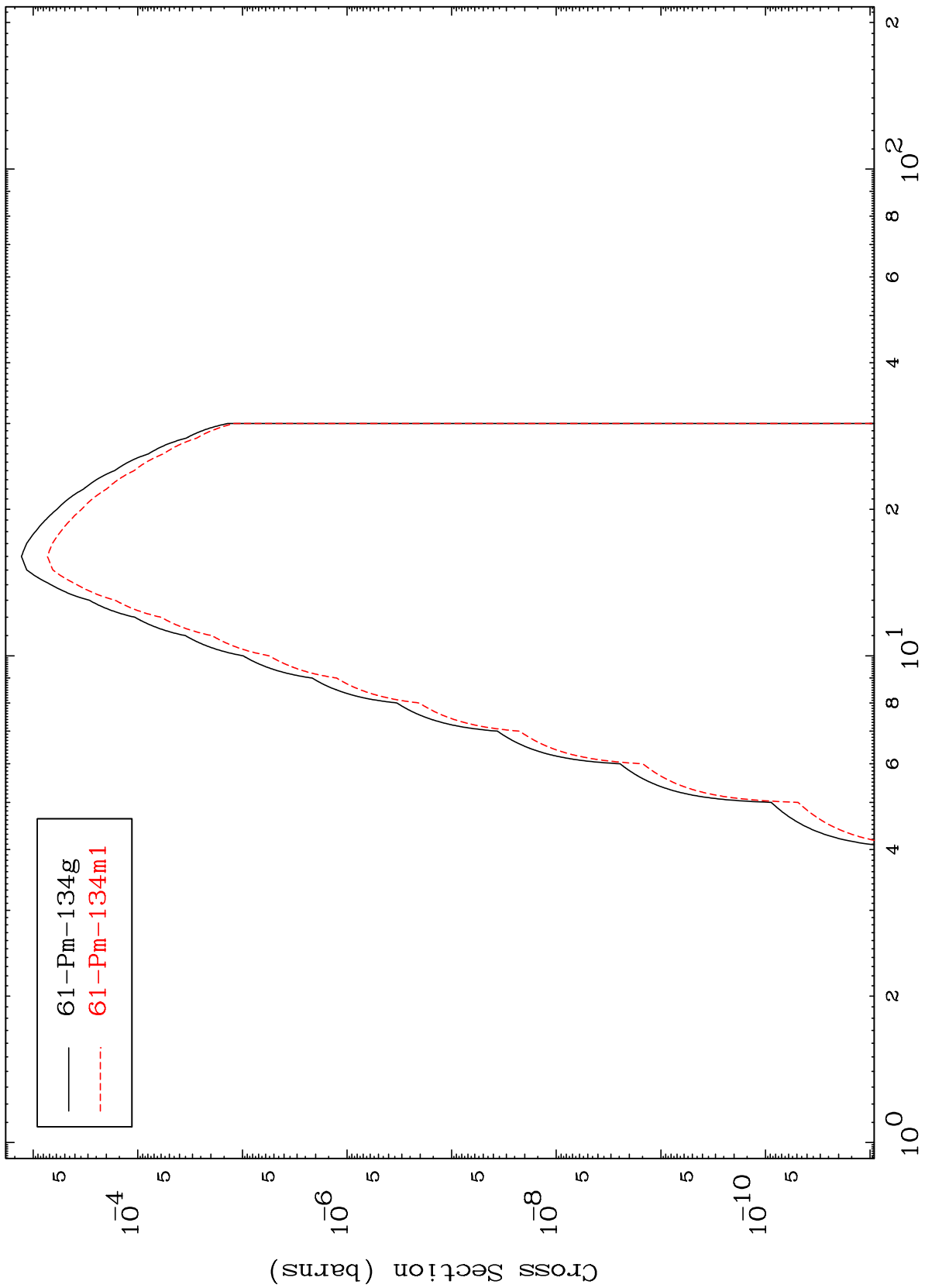
Incident Energy (MeV)

63-Eu-138

MAT 6286

63-Eu-138

Radionuclide Production Cross Section
(γ, α)



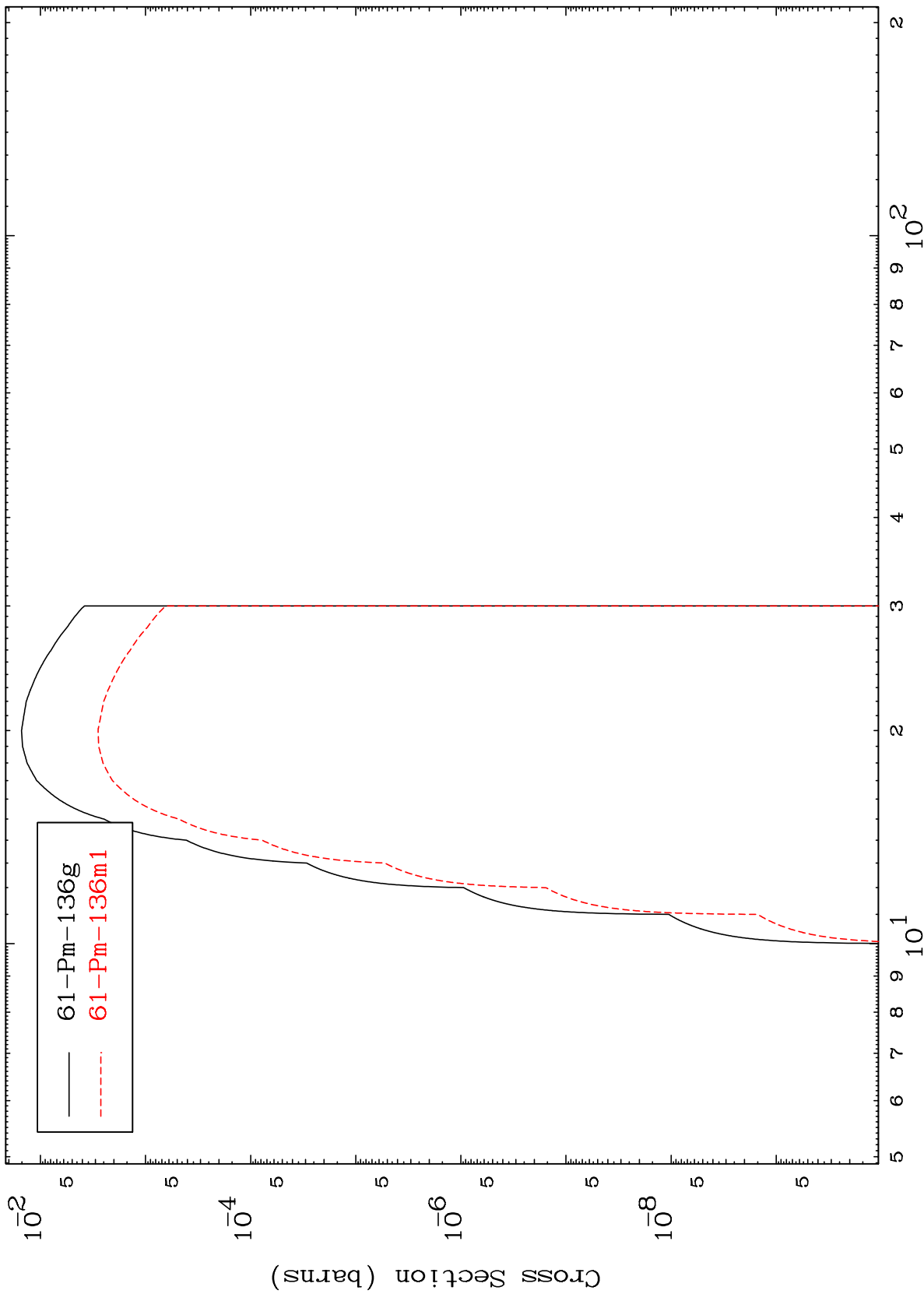
Incident Energy (MeV)

63-Eu-138

MAT 6286

63-Eu-138

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



63-Eu-138

Incident Energy (MeV)

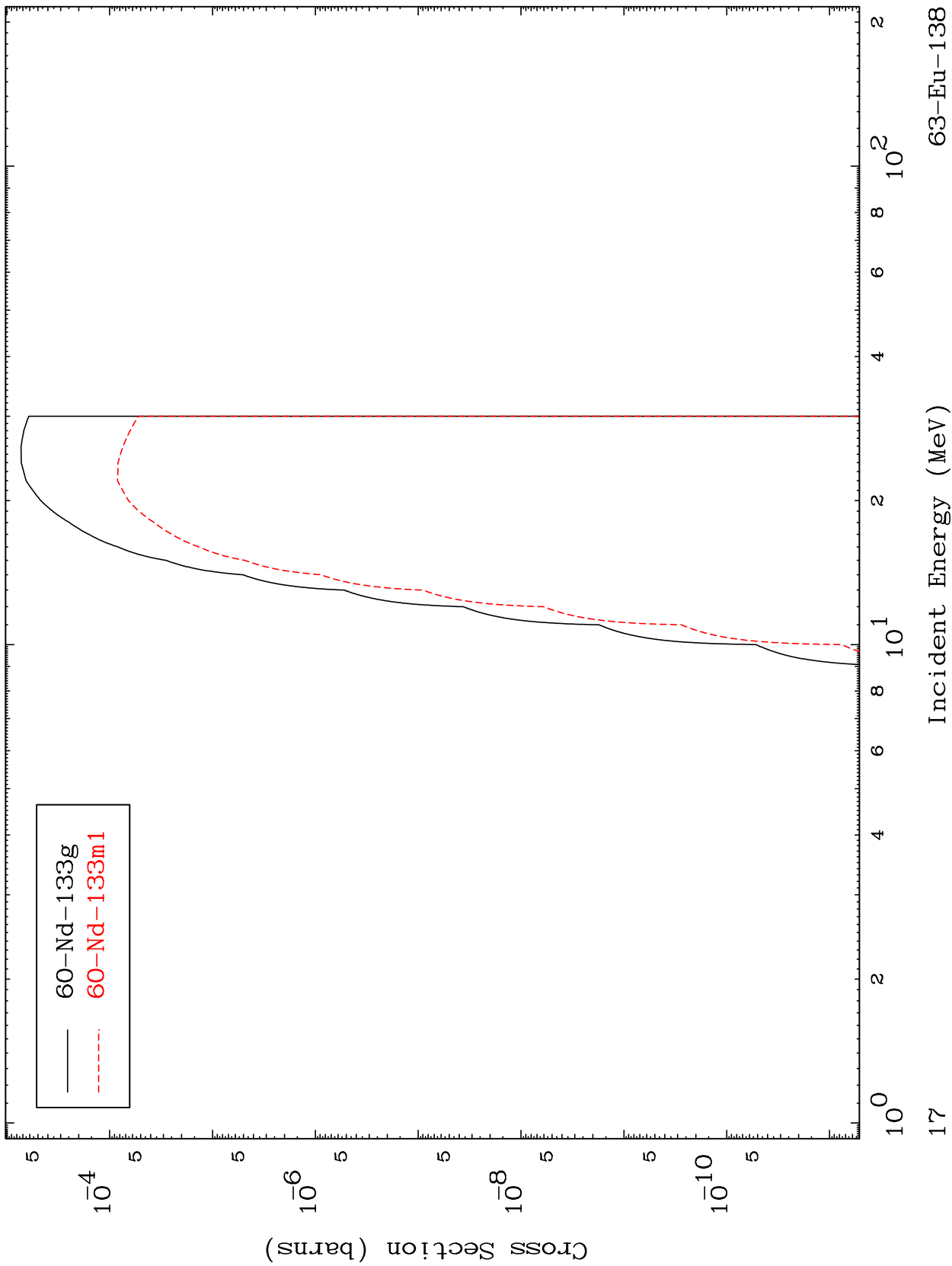
16

MAT 6286

(γ, p) α

63-Eu-138

Radionuclide Production Cross Section



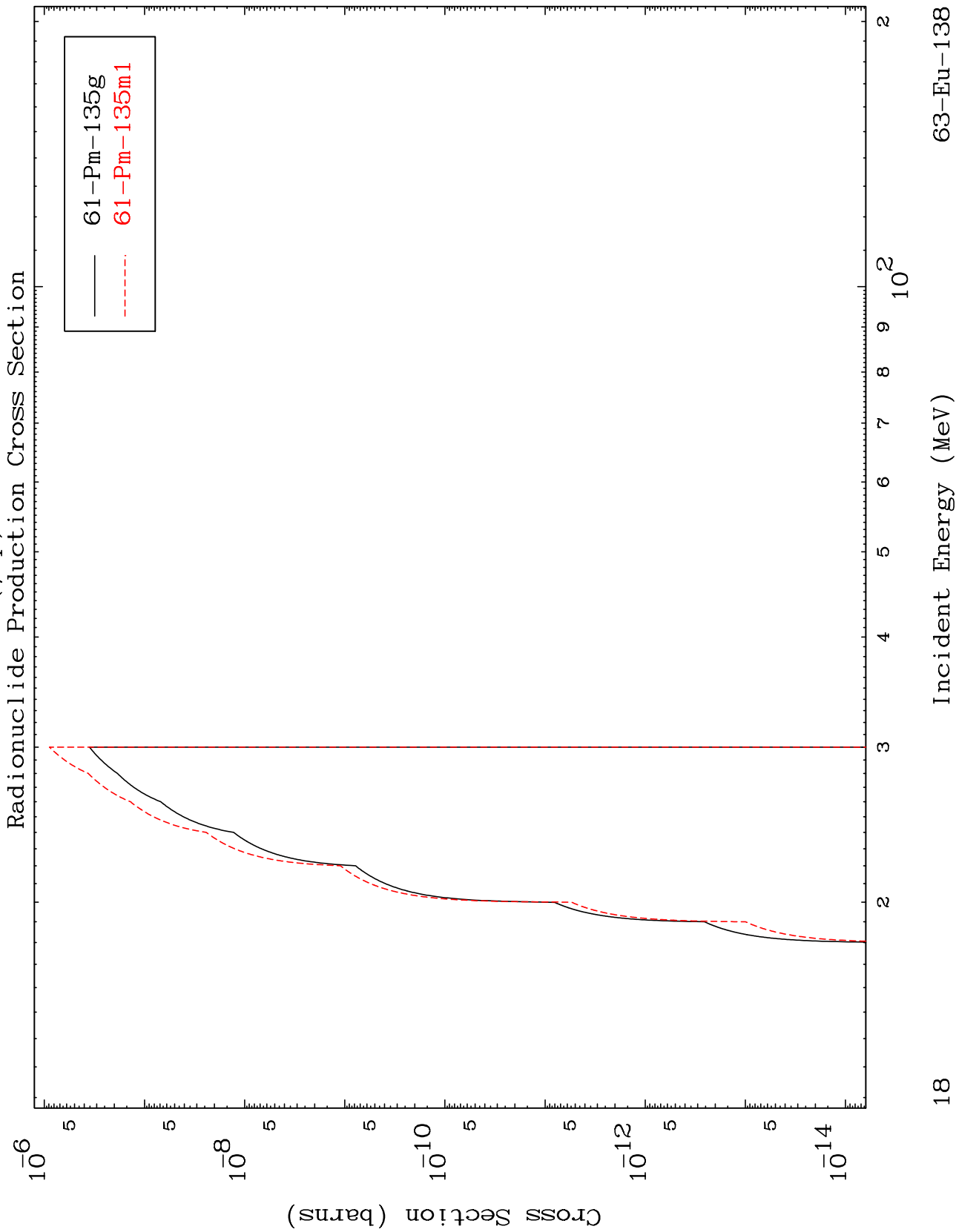
Incident Energy (MeV)

63-Eu-138

MAT 6286

(γ, p) d

63-Eu-138



18

63-Eu-138

Radionuclide Production Cross Section

