

Program EVALPLOT
(Version 2018-1)

by

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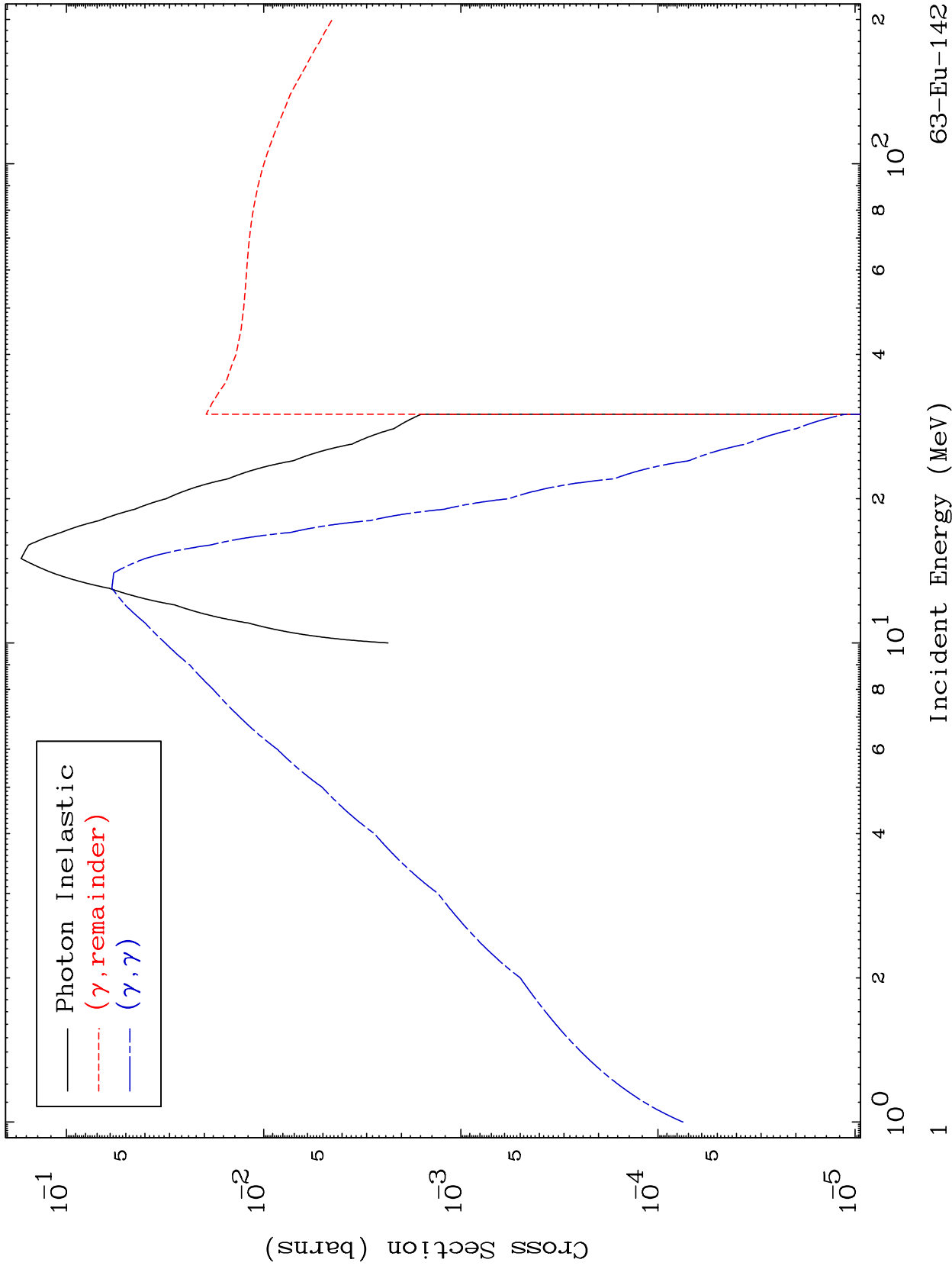
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6298

Photon Major
0 Kelvin Cross Sections

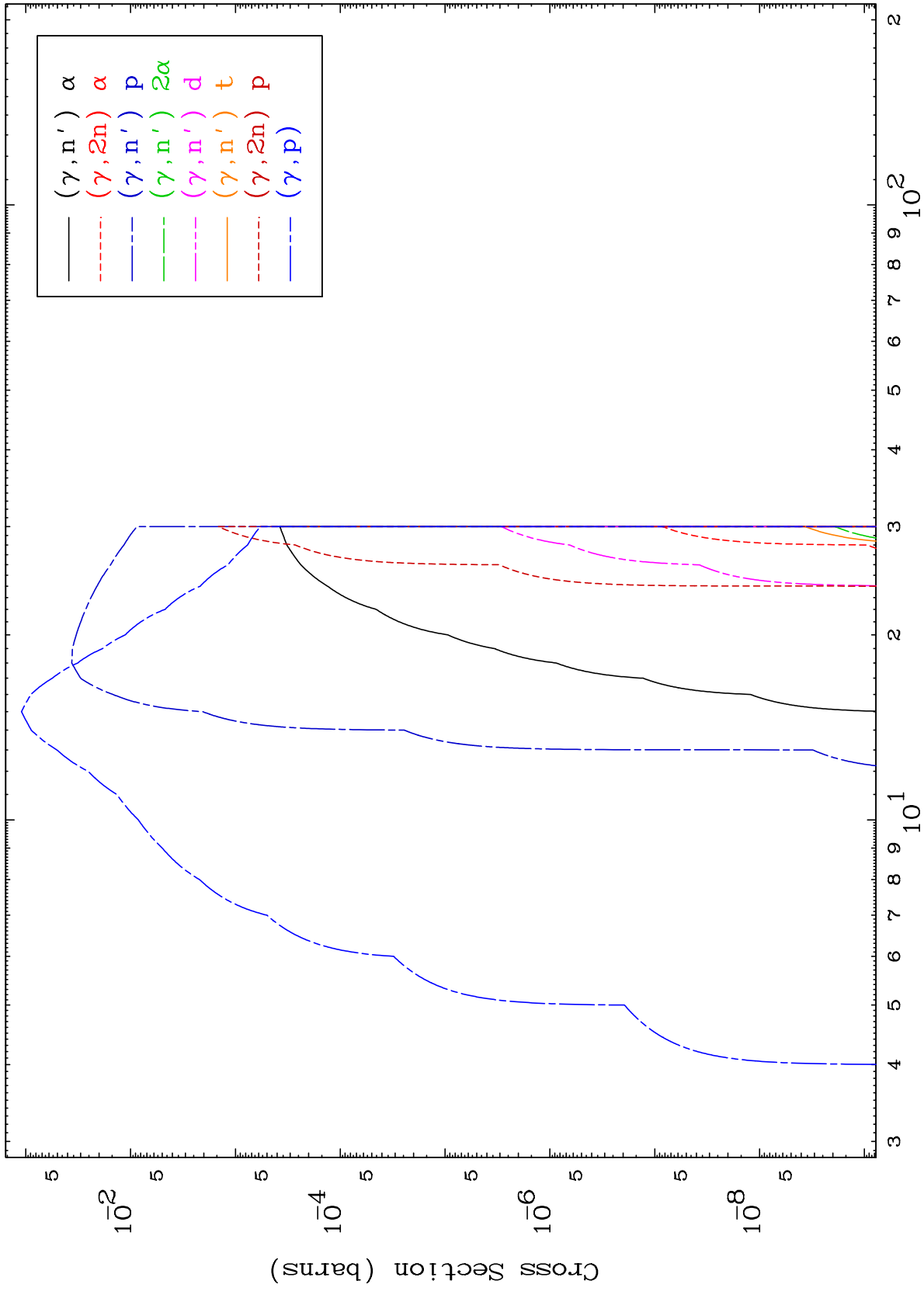
63-Eu-142



MAT 6298

Photon Charged Particle
0 Kelvin Cross Sections

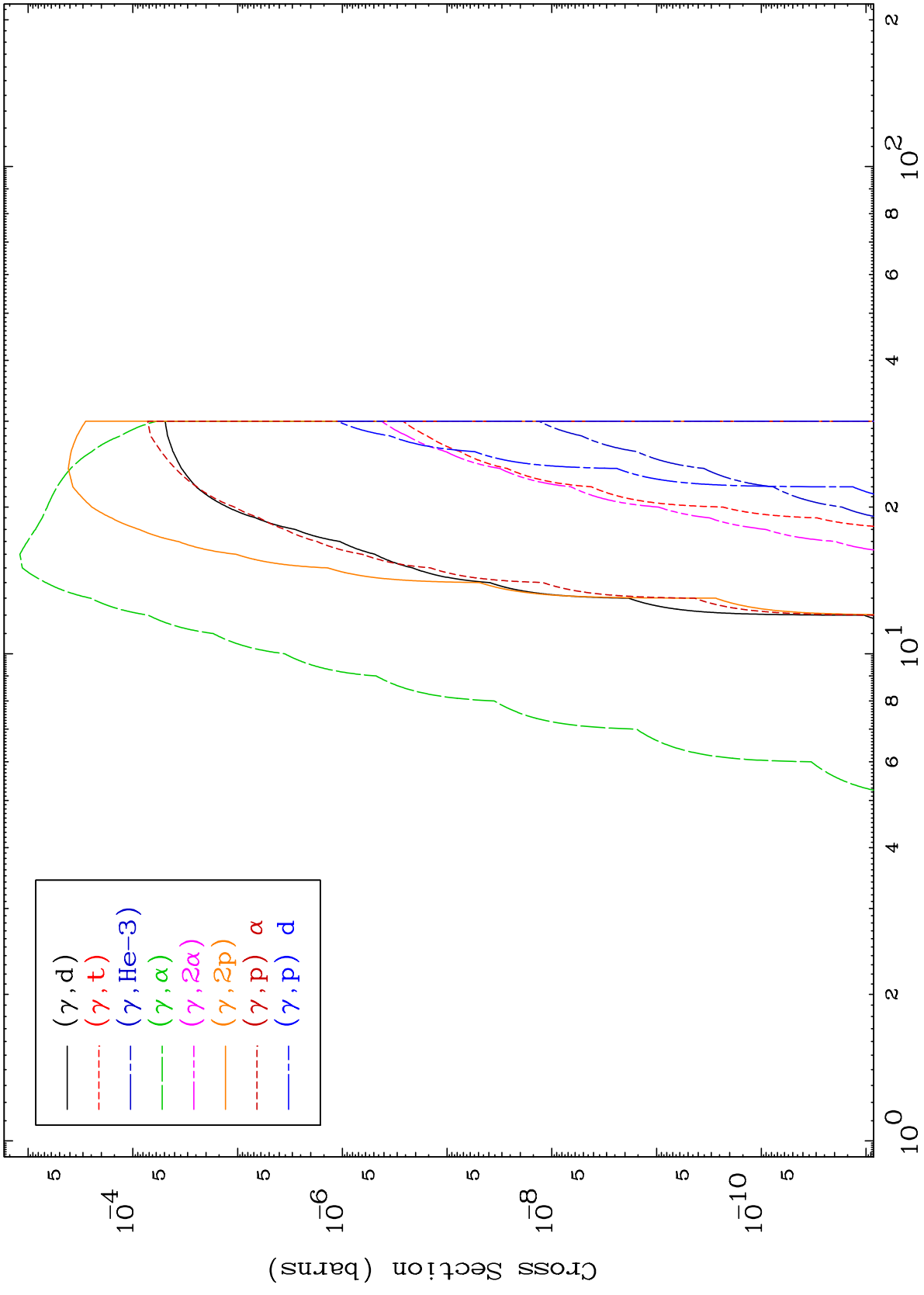
63-Eu-142



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Incident Energy (MeV)

63-Eu-142

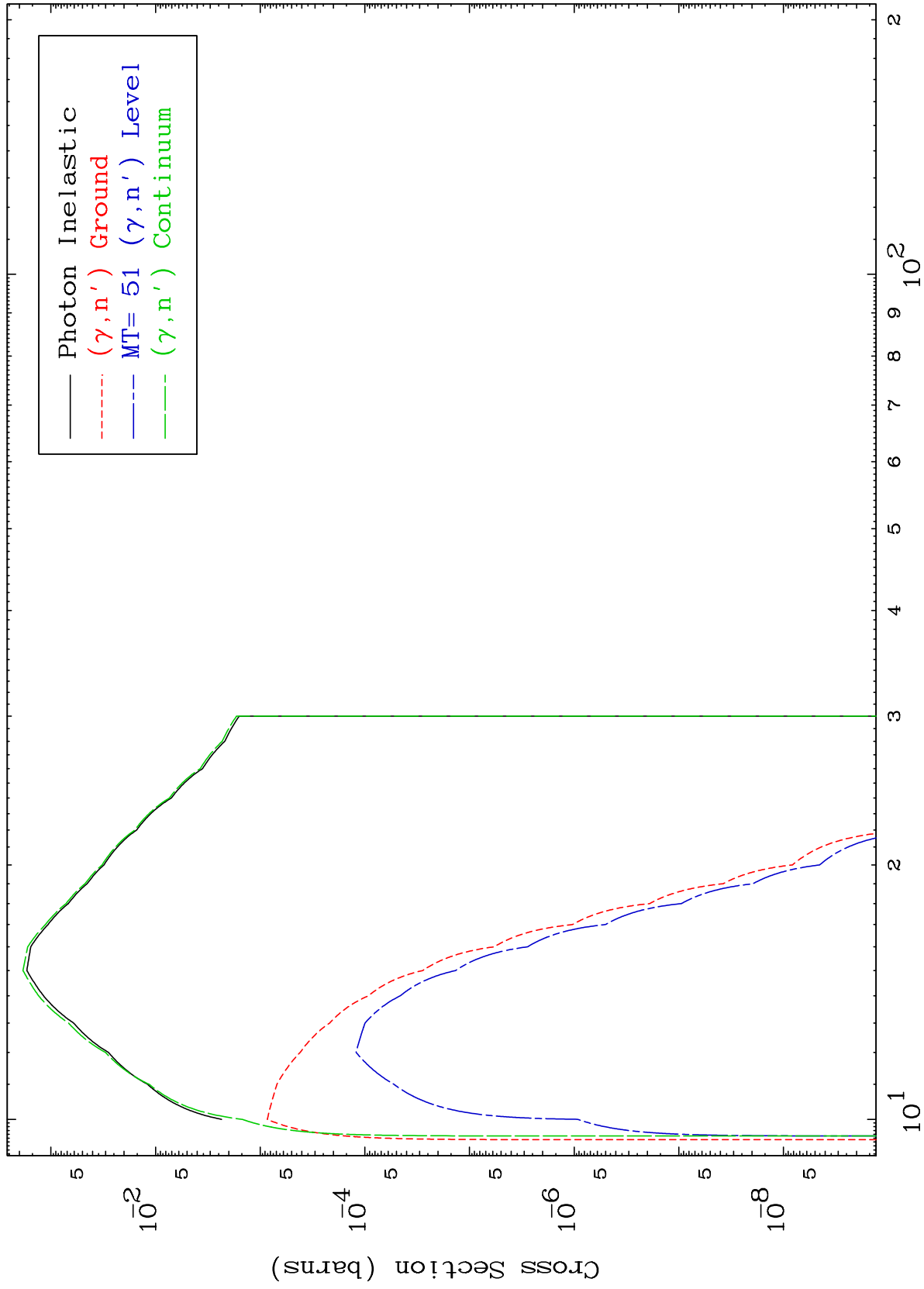


MAT 6298

(γ, n') Level

63-Eu-142

0 Kelvin Cross Sections



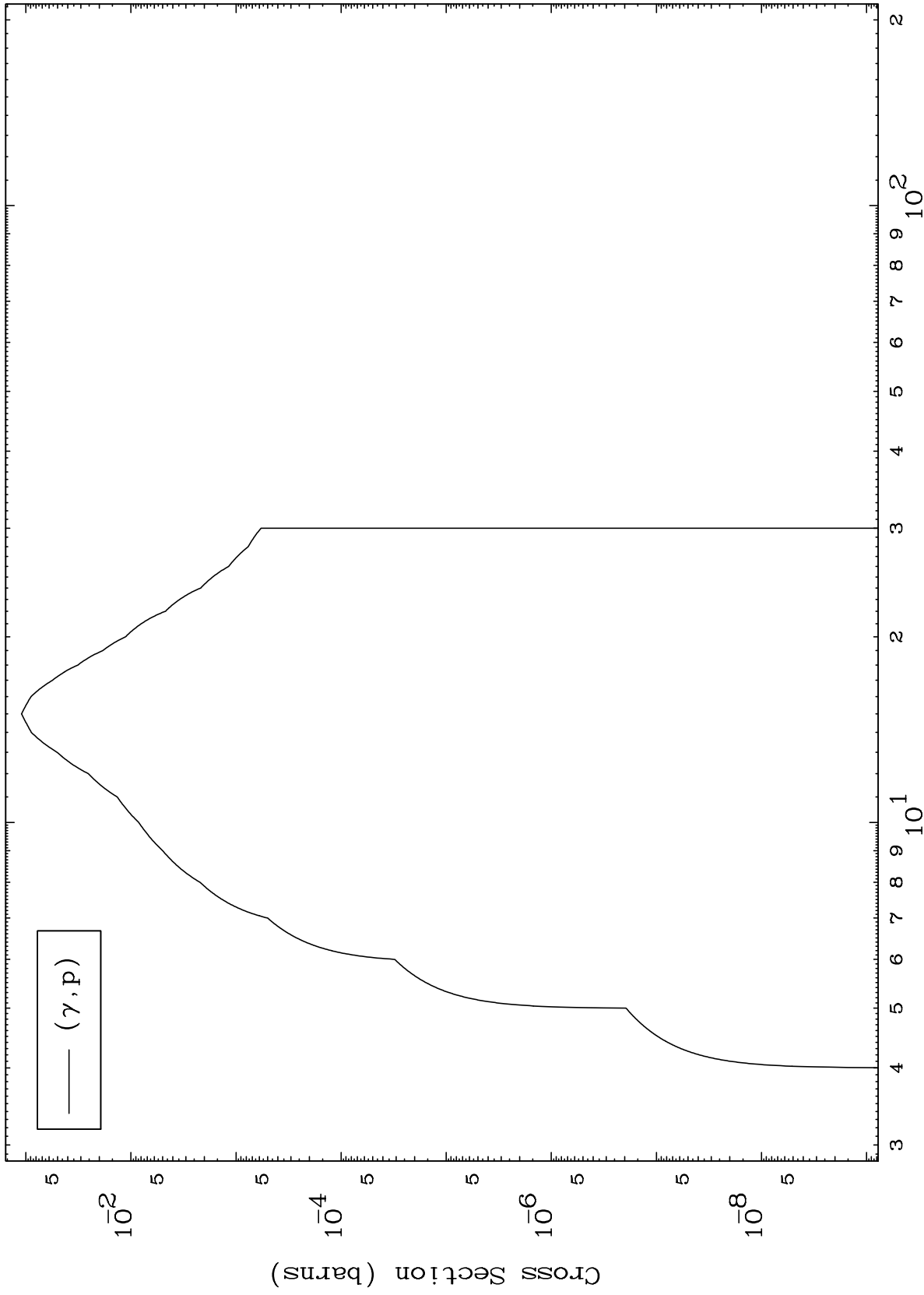
Incident Energy (MeV)

63-Eu-142

MAT 6298

(γ, p) Levels
0 Kelvin Cross Sections

63-Eu-142



6

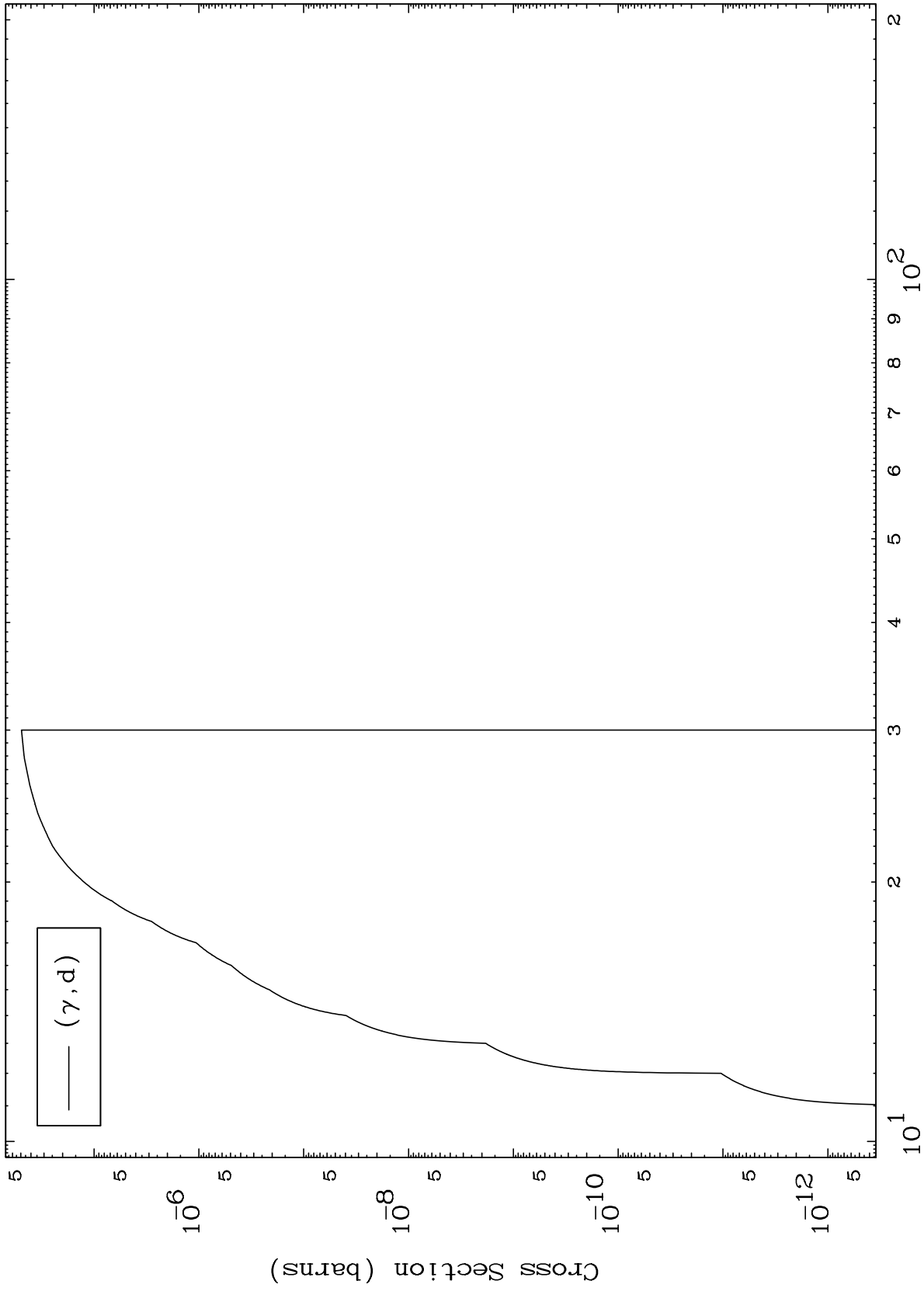
Incident Energy (MeV)

63-Eu-142

MAT 6298

(γ, d) Levels
0 Kelvin Cross Sections

63-Eu-142



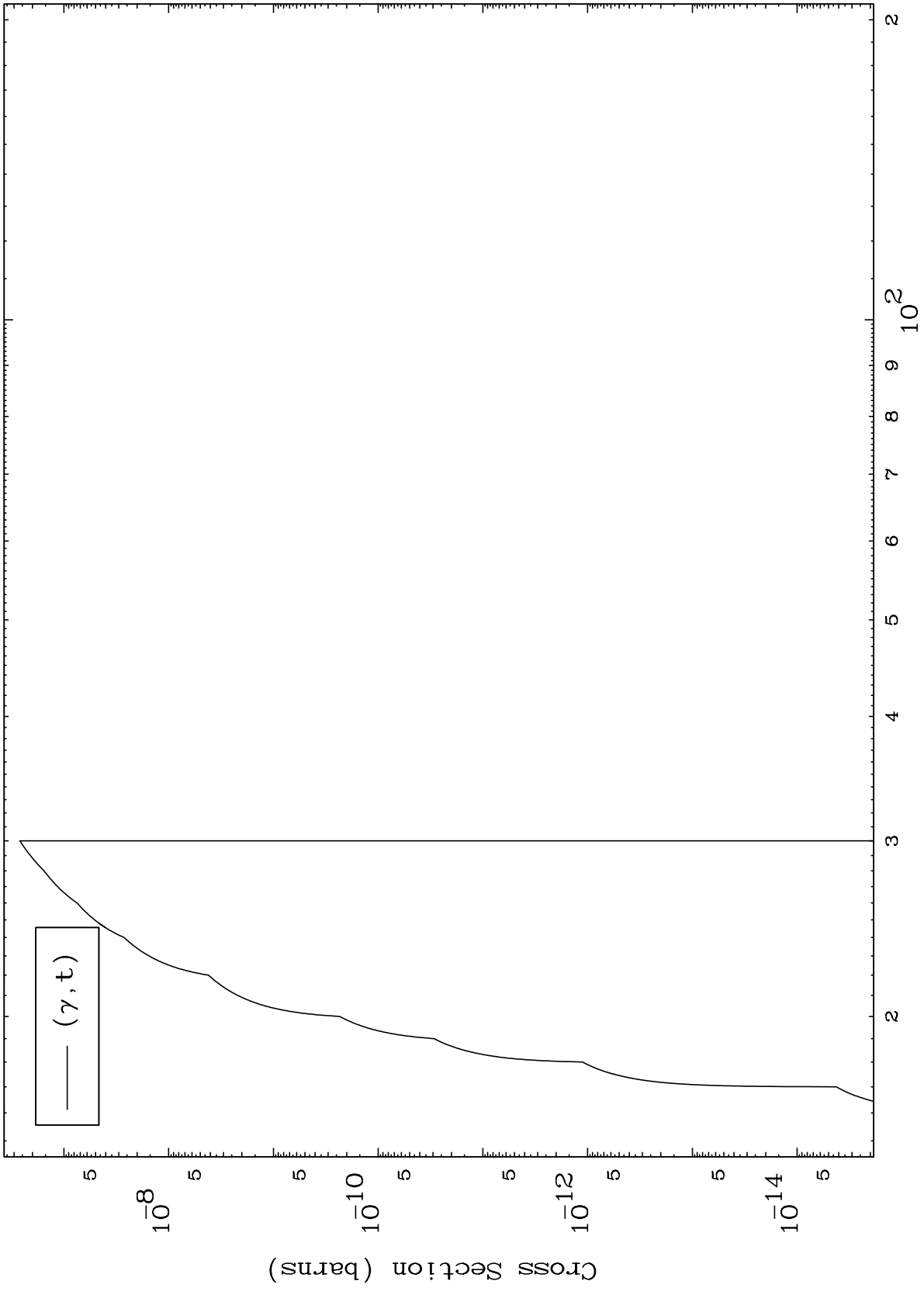
Incident Energy (MeV)

63-Eu-142

MAT 6298

(γ, t) Levels
0 Kelvin Cross Sections

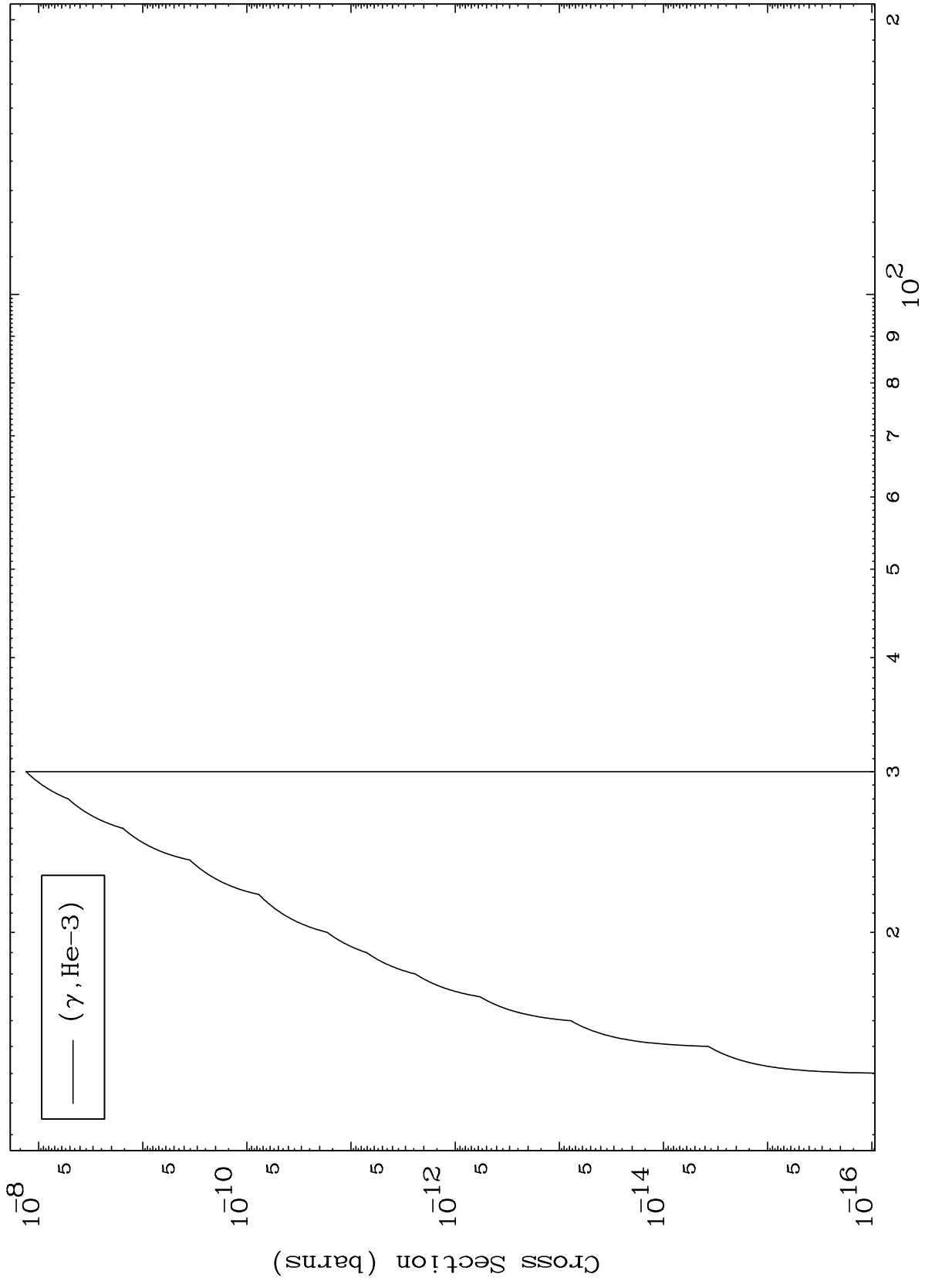
63-Eu-142



8

Incident Energy (MeV)

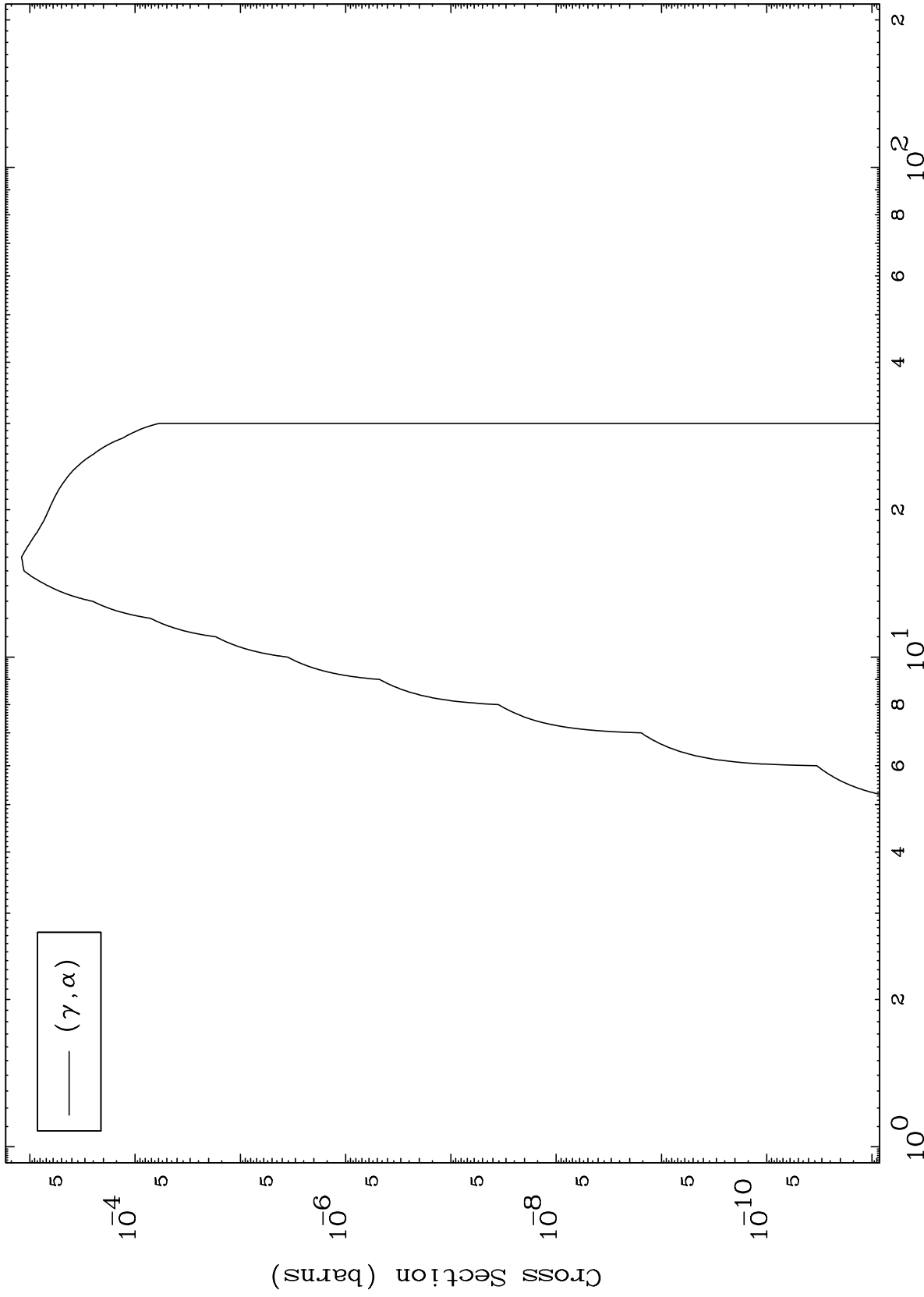
63-Eu-142



MAT 6298

(γ, α) Levels
0 Kelvin Cross Sections

63-Eu-142



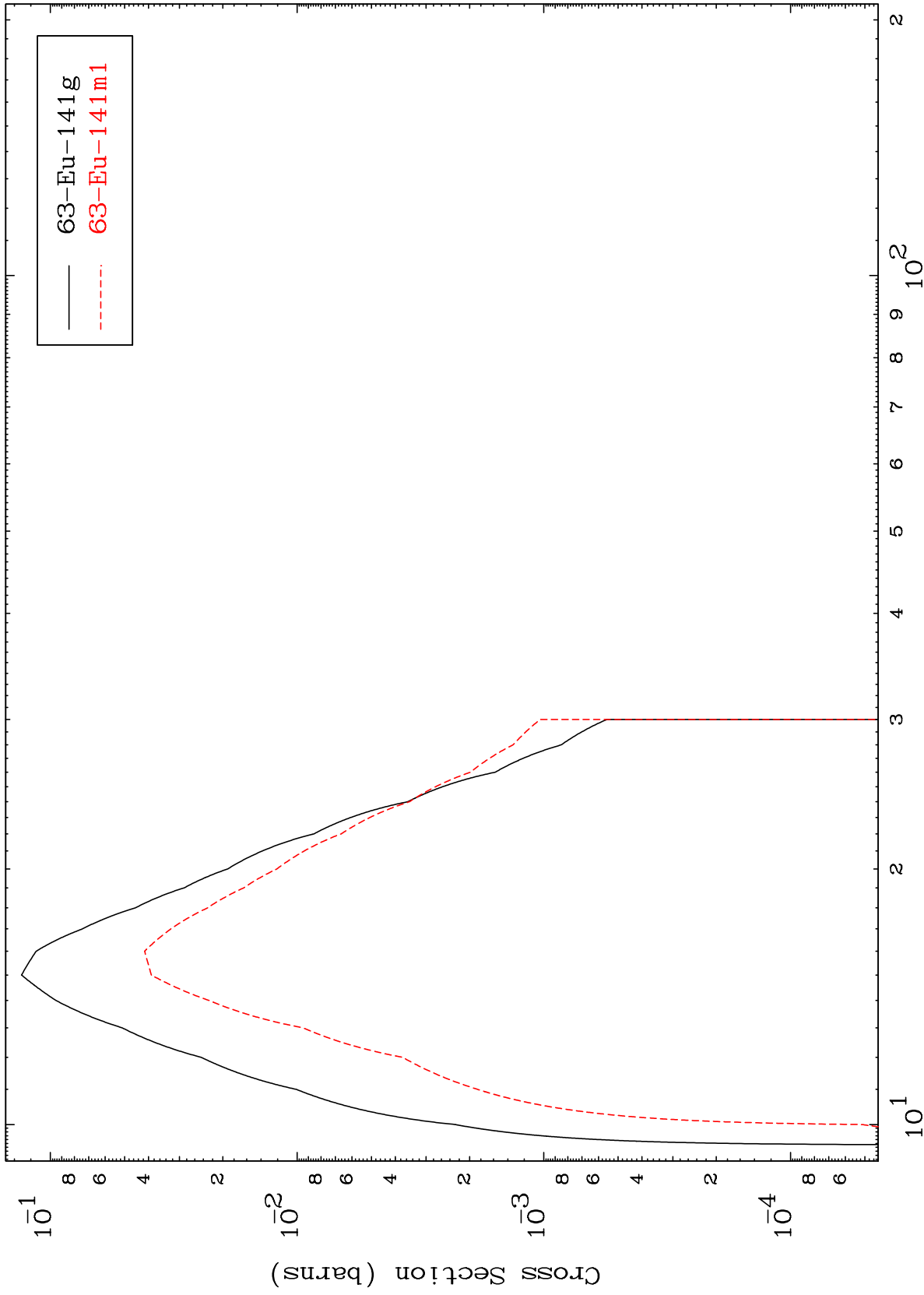
Incident Energy (MeV)

63-Eu-142

MAT 6298

Photon Inelastic
Radionuclide Production Cross Section

63-Eu-142



11

Incident Energy (MeV)

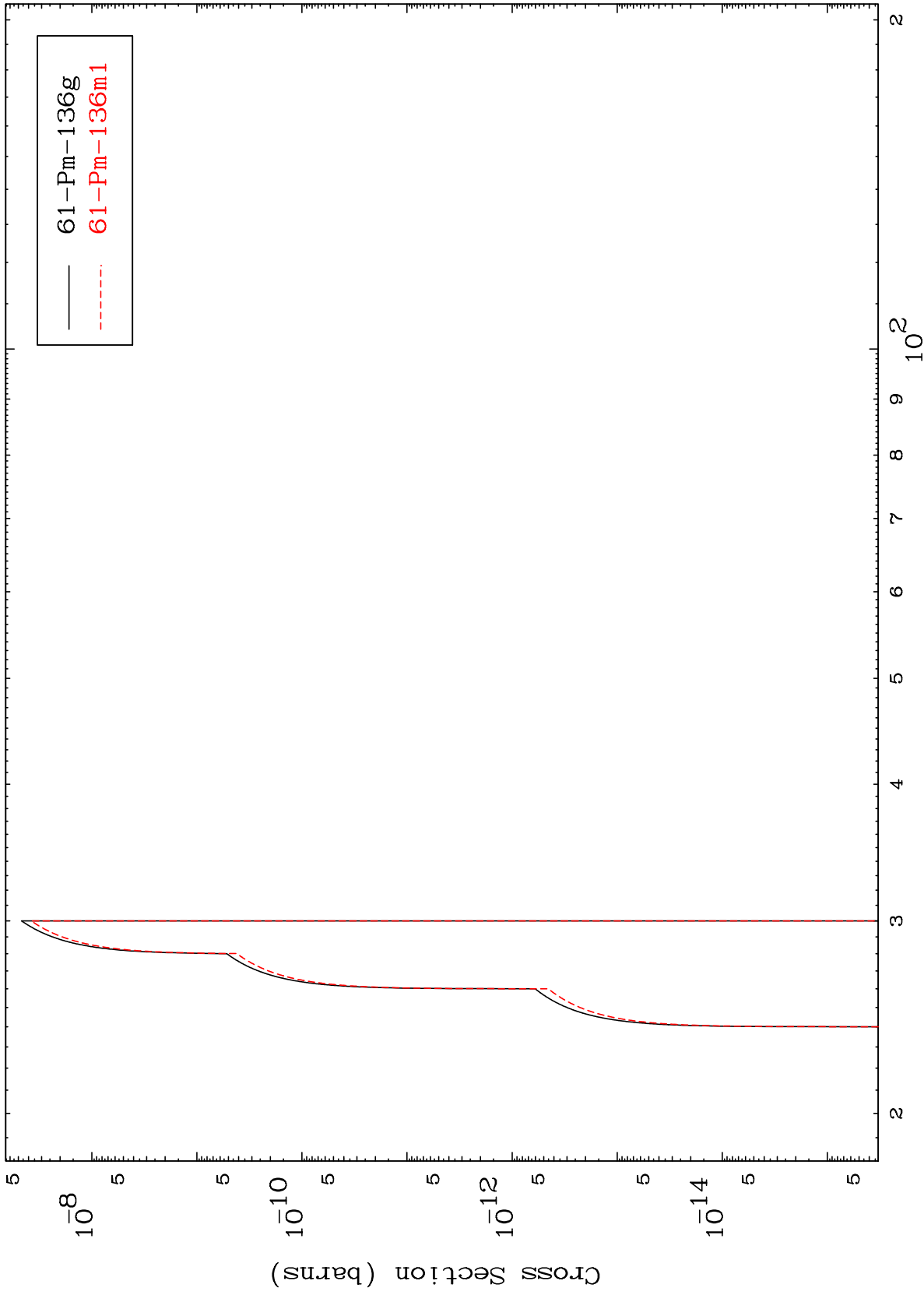
63-Eu-142

MAT 6298

$(\gamma, 2n) \alpha$

63-Eu-142

Radionuclide Production Cross Section



12

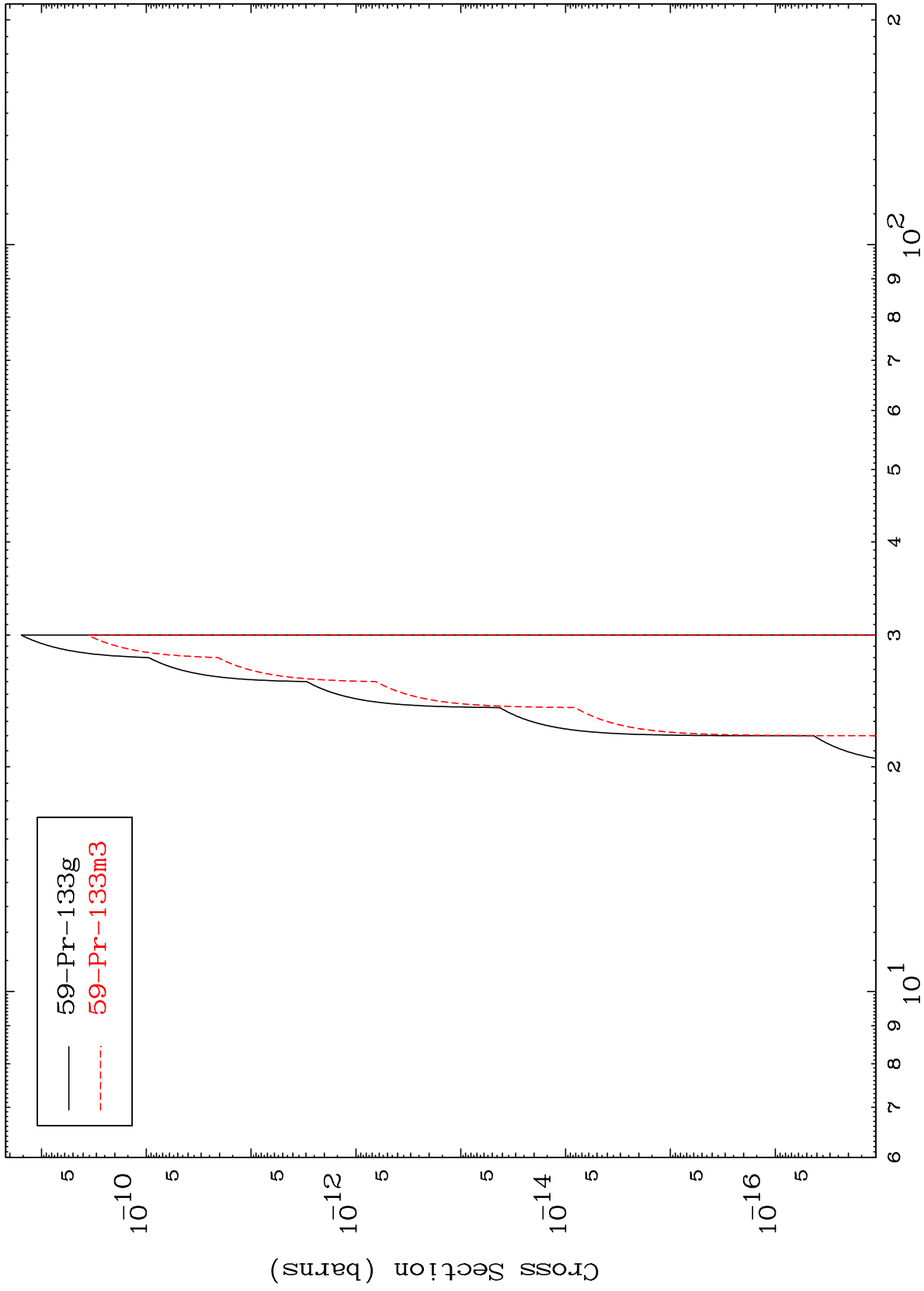
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(γ, n') 2α
Radionuclide Production Cross Section



13

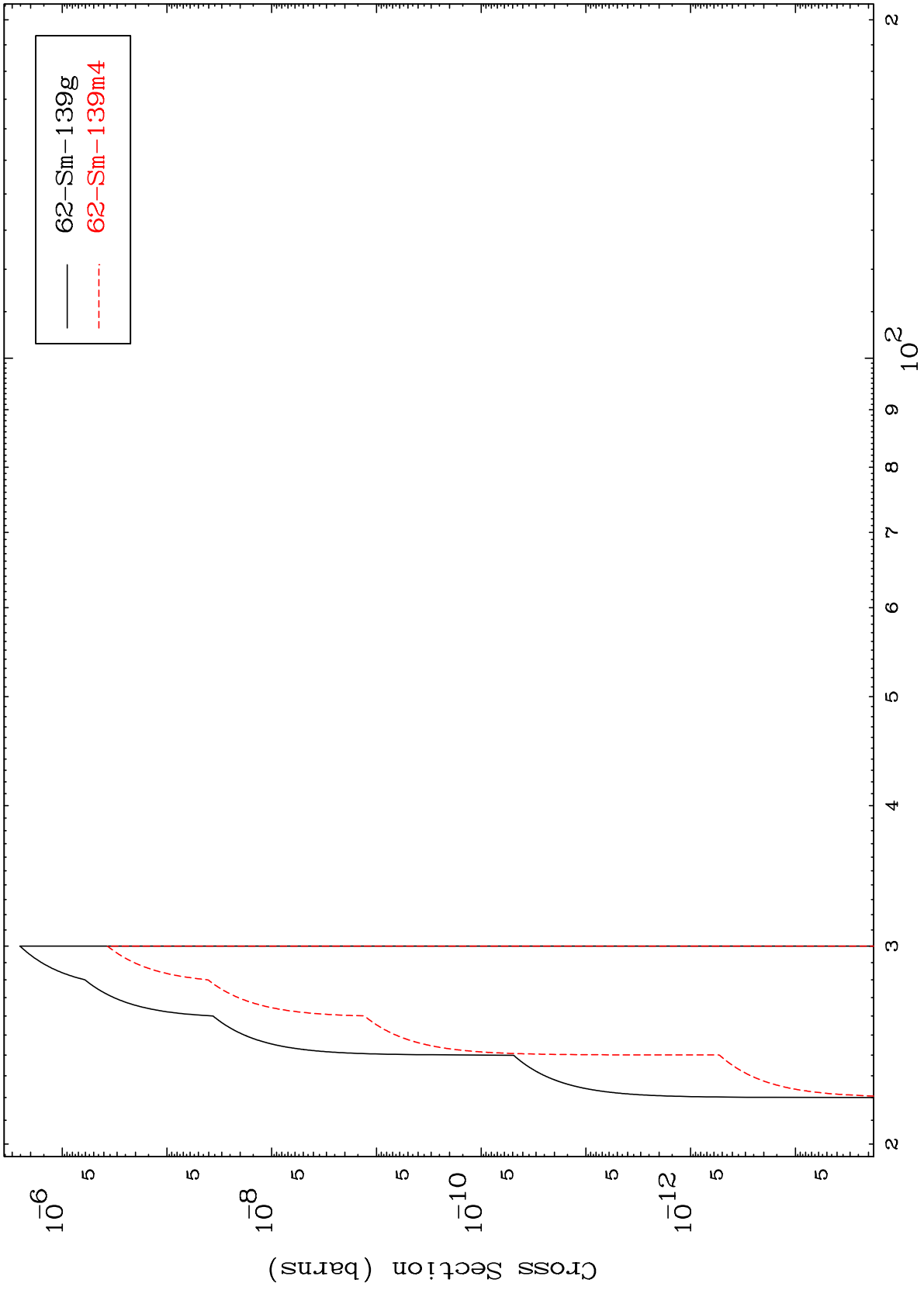
63-Eu-142

MAT 6298

(γ, n') d

63-Eu-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

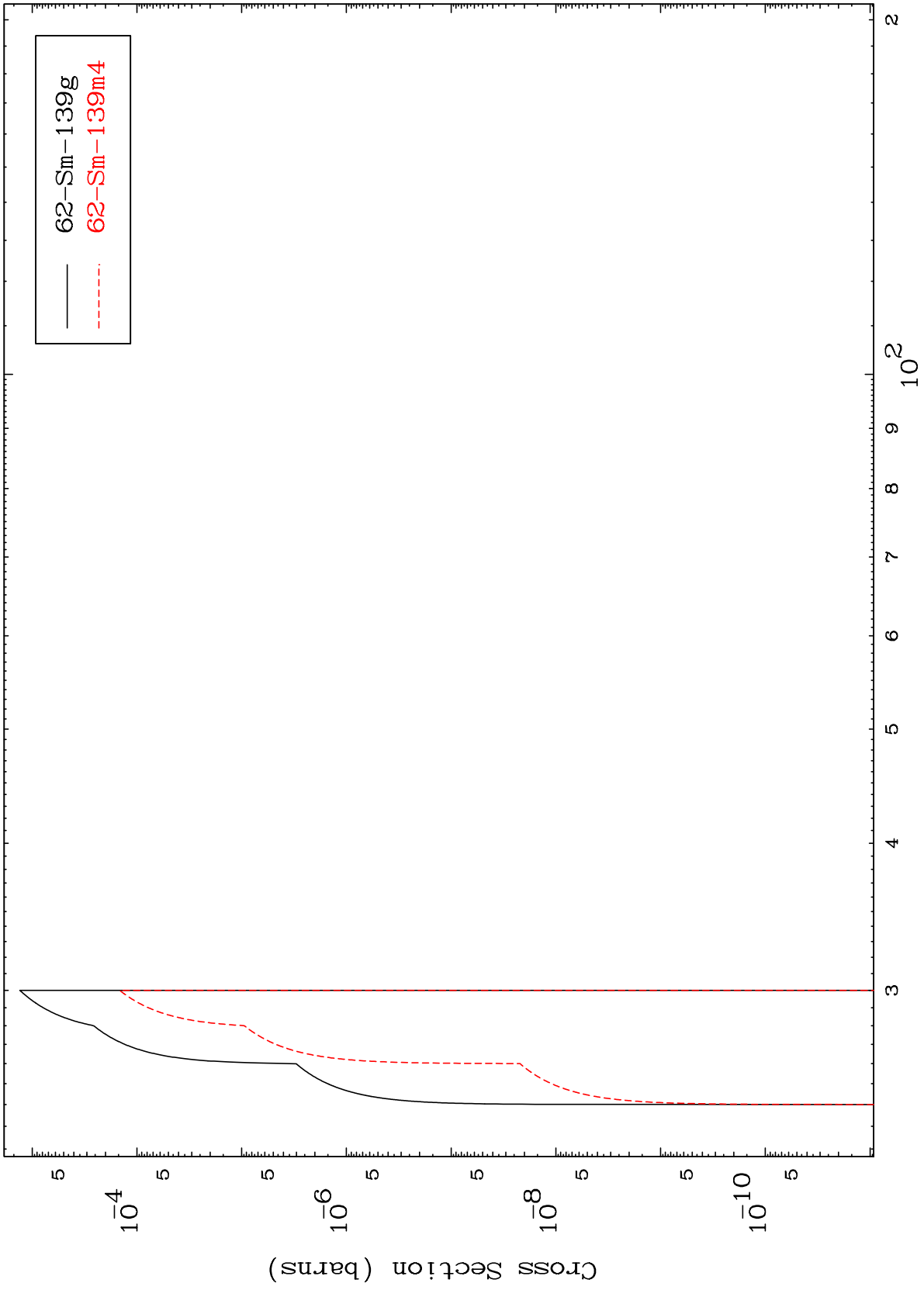
63-Eu-142

MAT 6298

$(\gamma, 2n)$ p

63-Eu-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

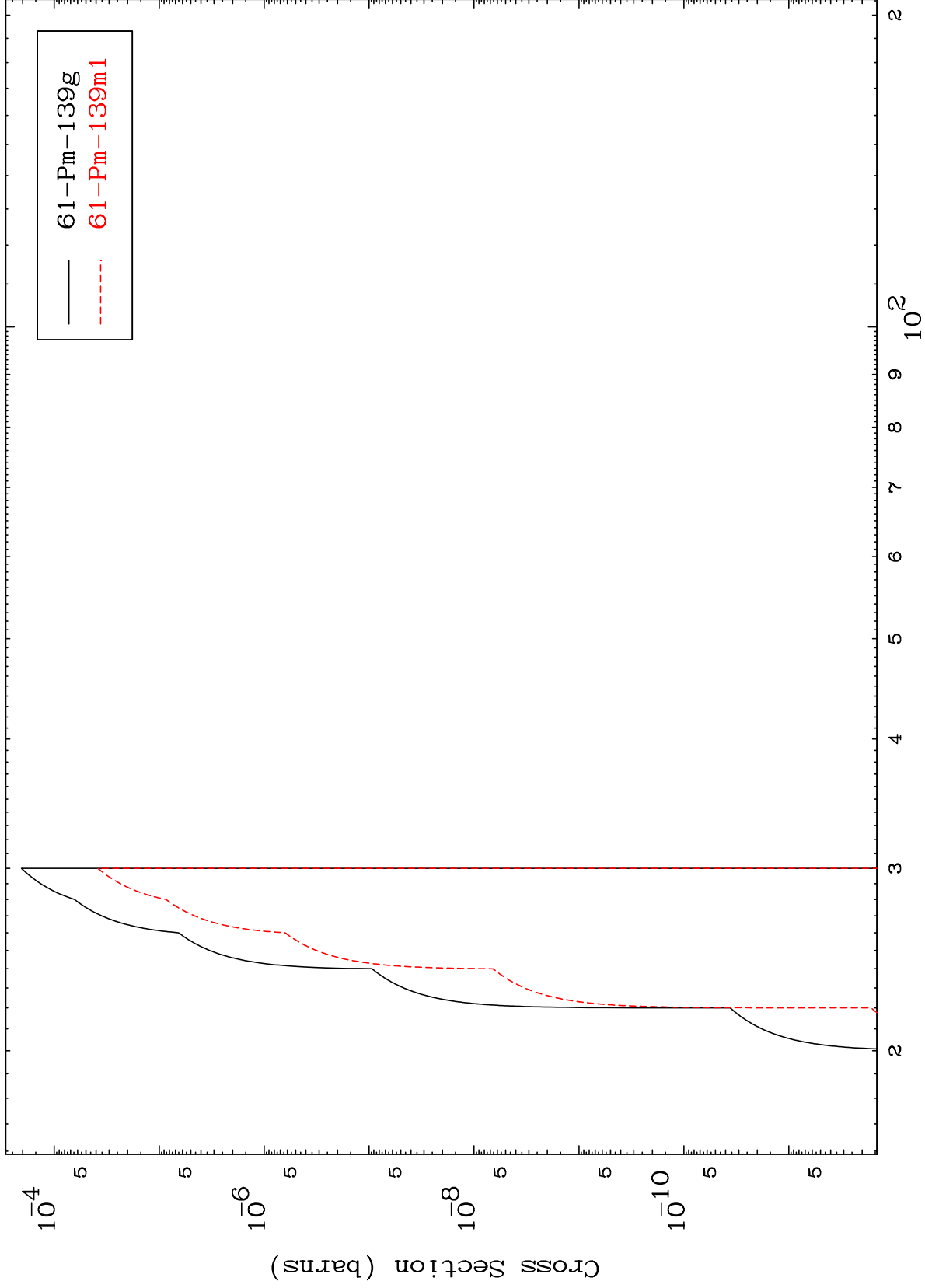
63-Eu-142

MAT 6298

$(\gamma, 2n)$ p

63-Eu-142

Radionuclide Production Cross Section



16

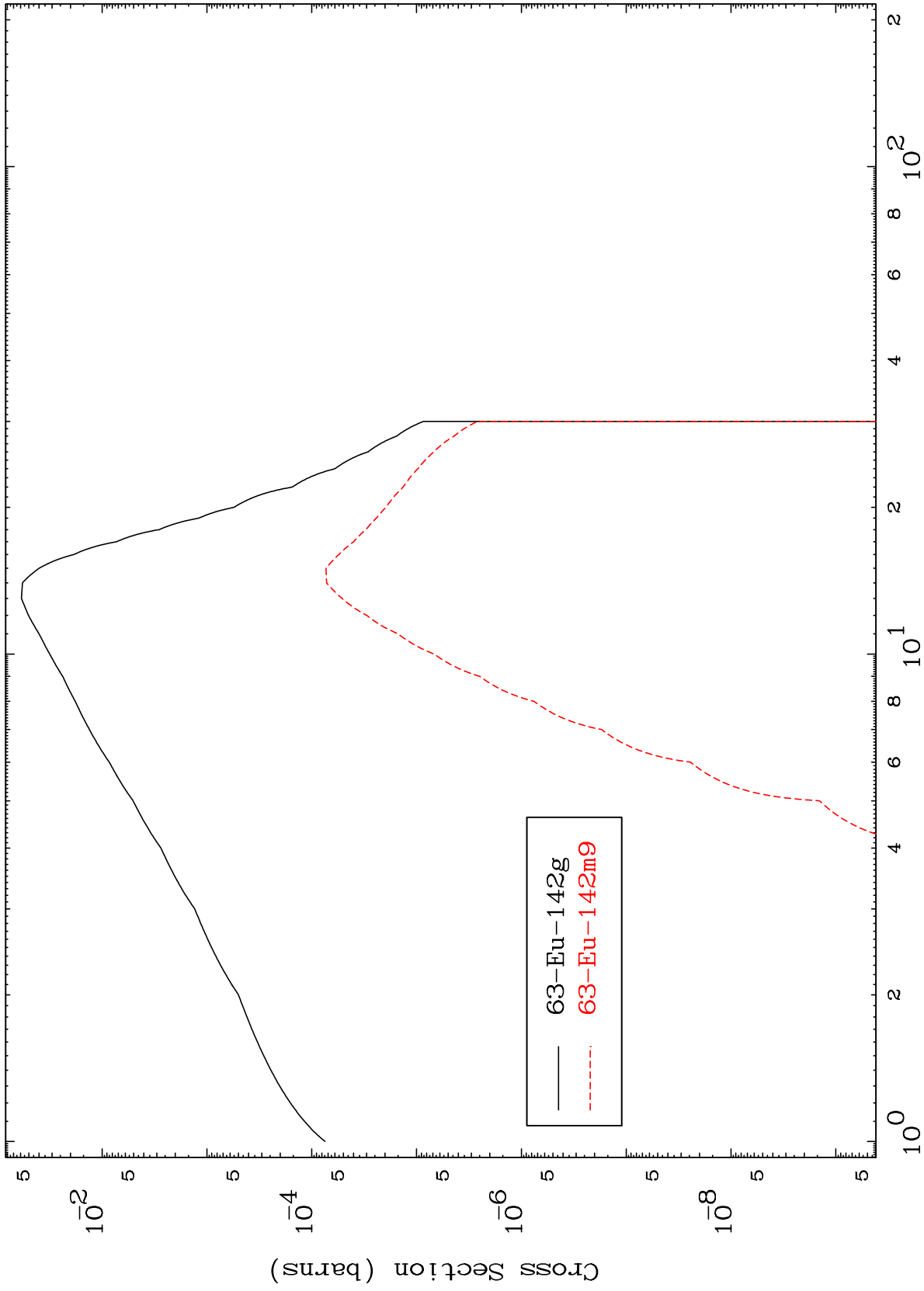
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

Radionuclide Production Cross Section
(γ, γ)



17

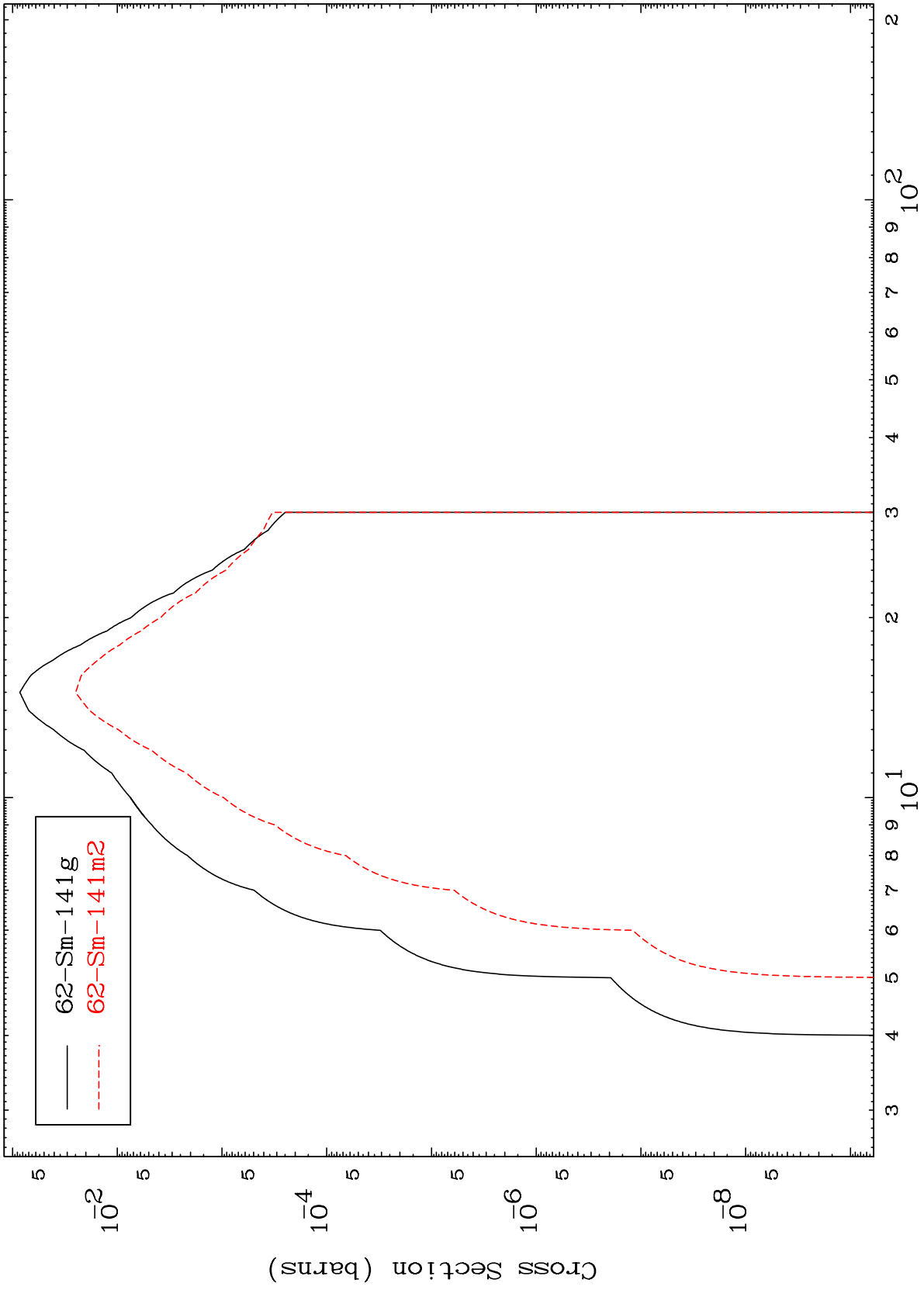
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(γ, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

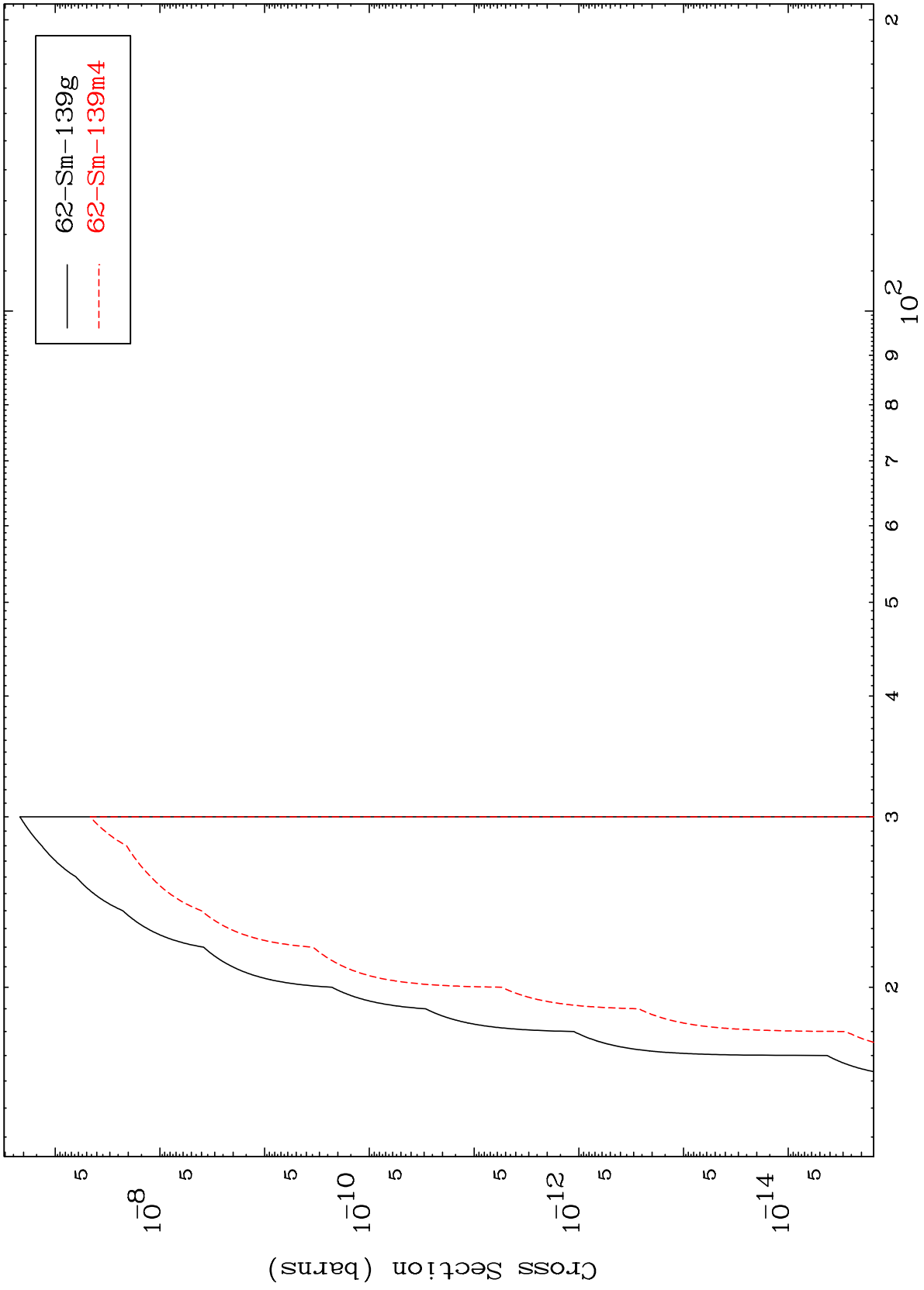
63-Eu-142

MAT 6298

(γ, t)

63-Eu-142

Radionuclide Production Cross Section



19

Incident Energy (MeV)

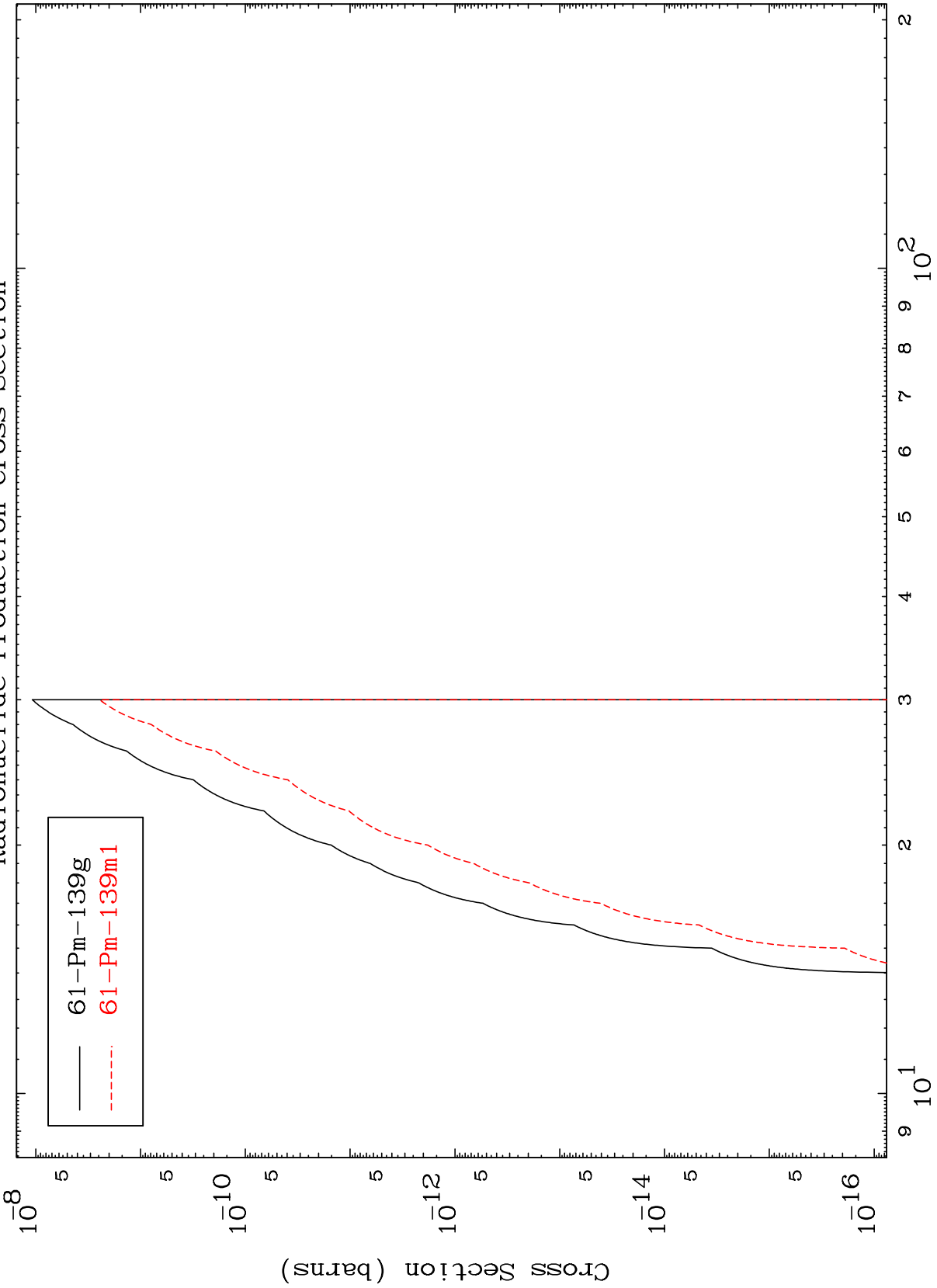
63-Eu-142

MAT 6298

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

63-Eu-142

Radionuclide Production Cross Section



20

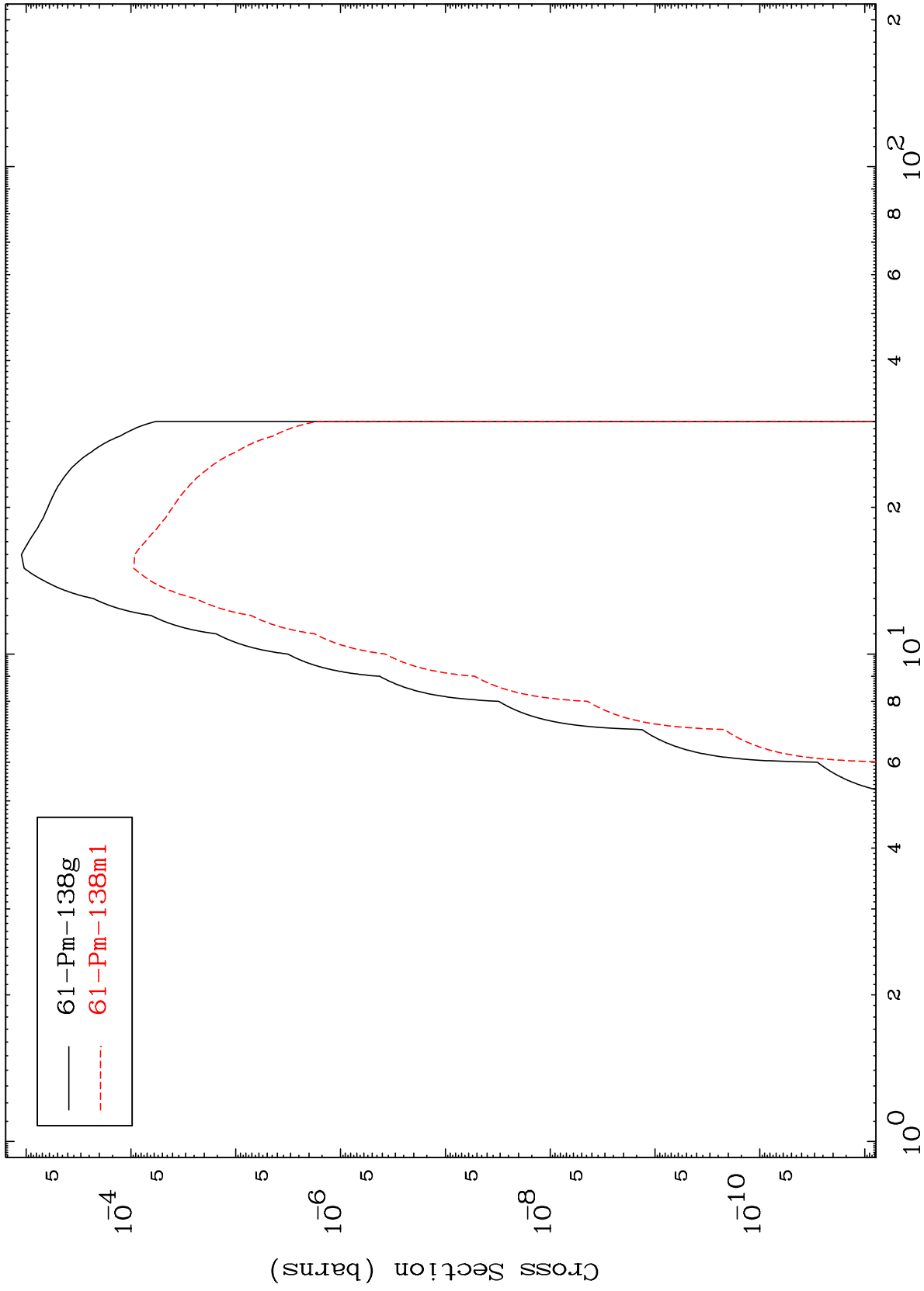
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(γ, α)
Radionuclide Production Cross Section



— 61-Pm-138g
- - - 61-Pm-138m1

21

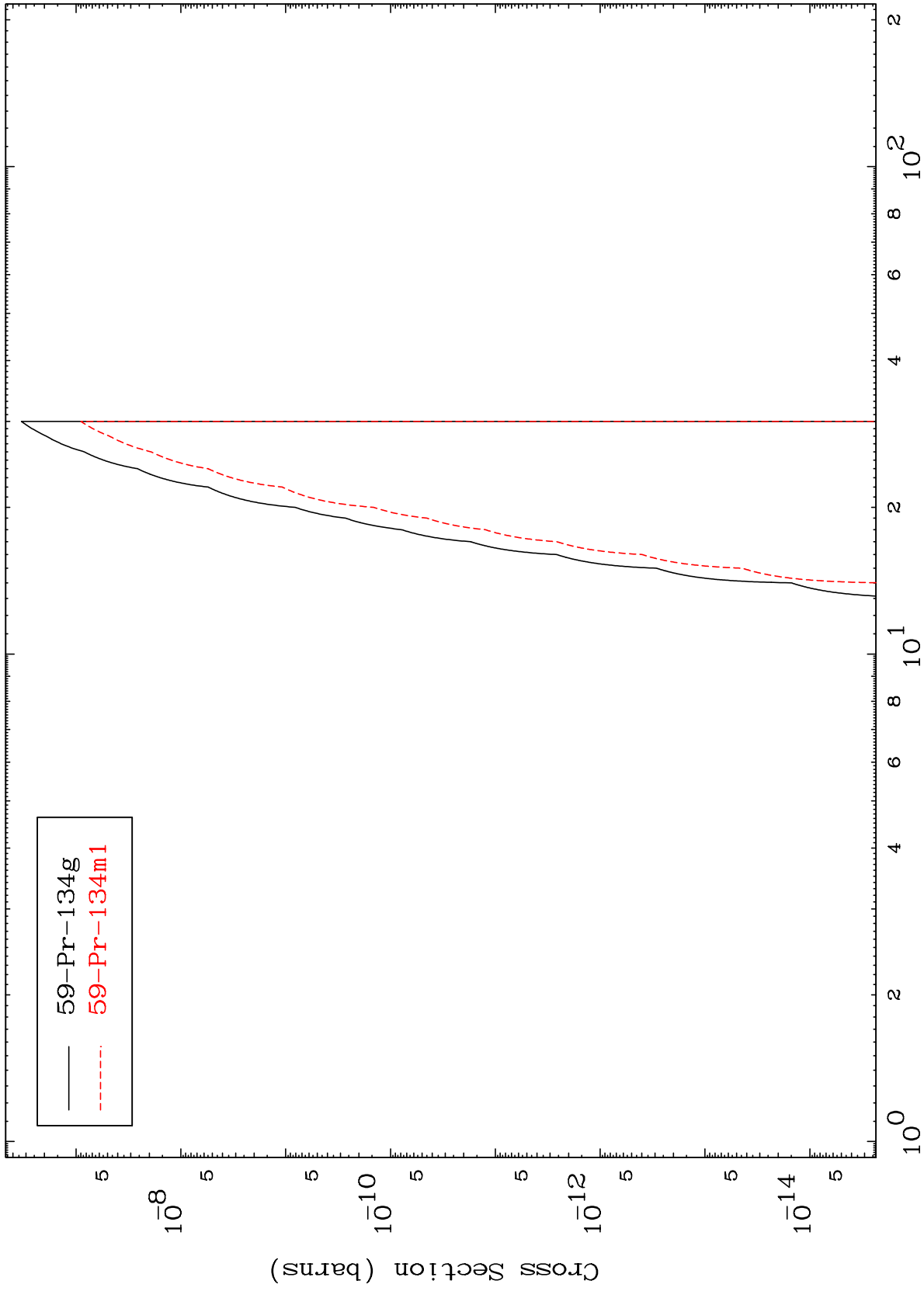
63-Eu-142

MAT 6298

($\gamma, 2\alpha$)

63-Eu-142

Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

22

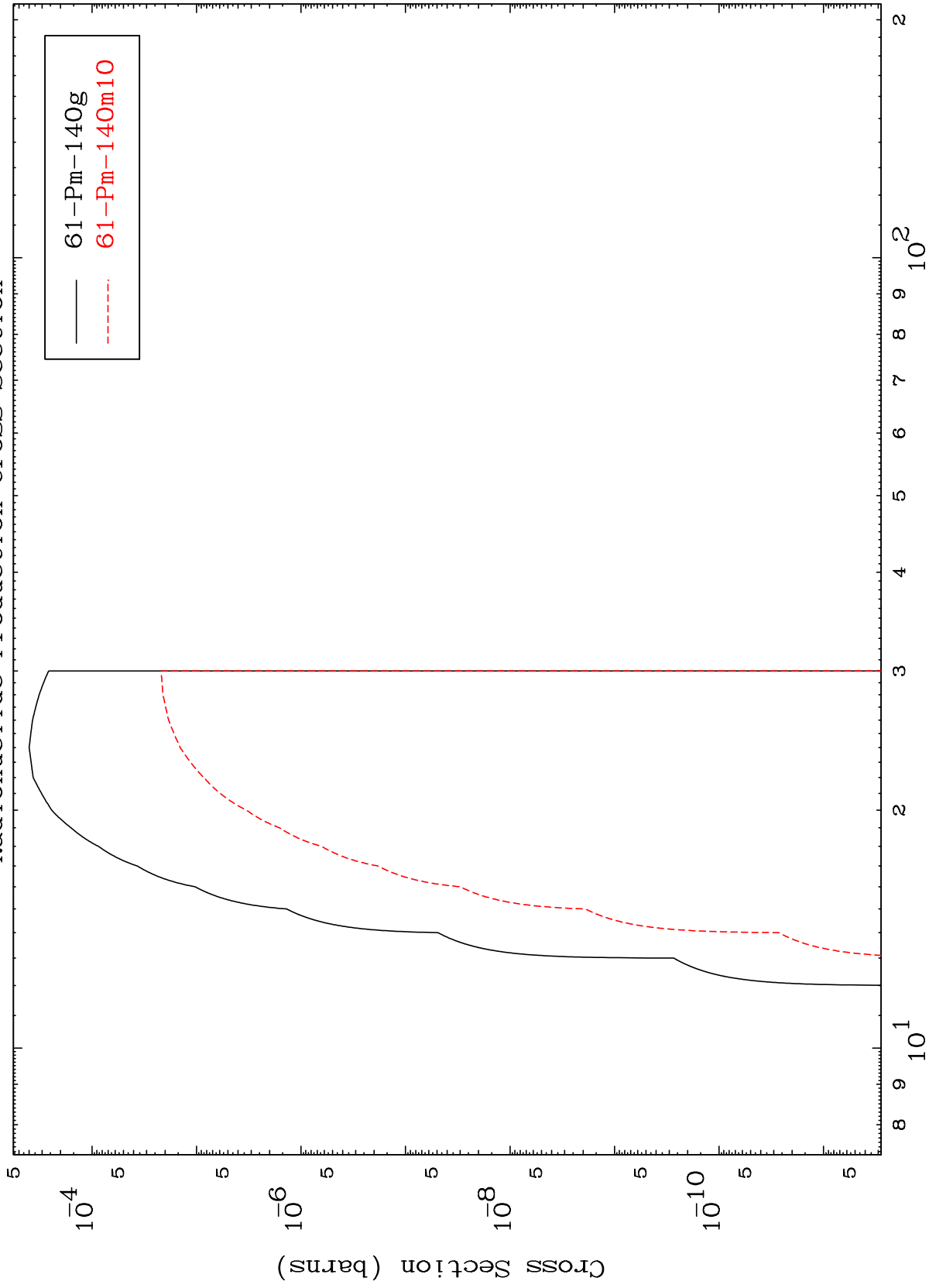
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

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



23

Incident Energy (MeV)

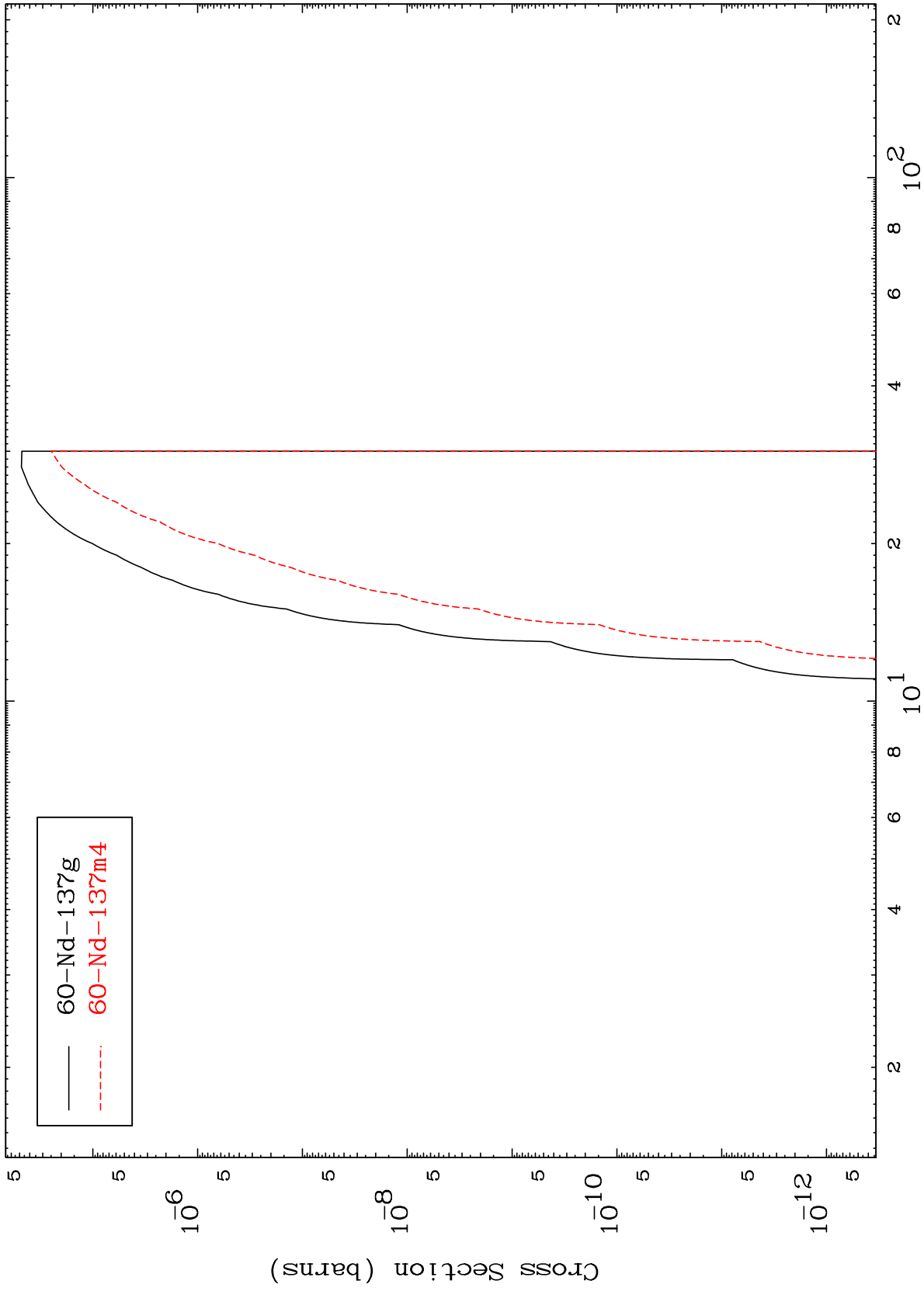
63-Eu-142

MAT 6298

(γ, p) α

63-Eu-142

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

24

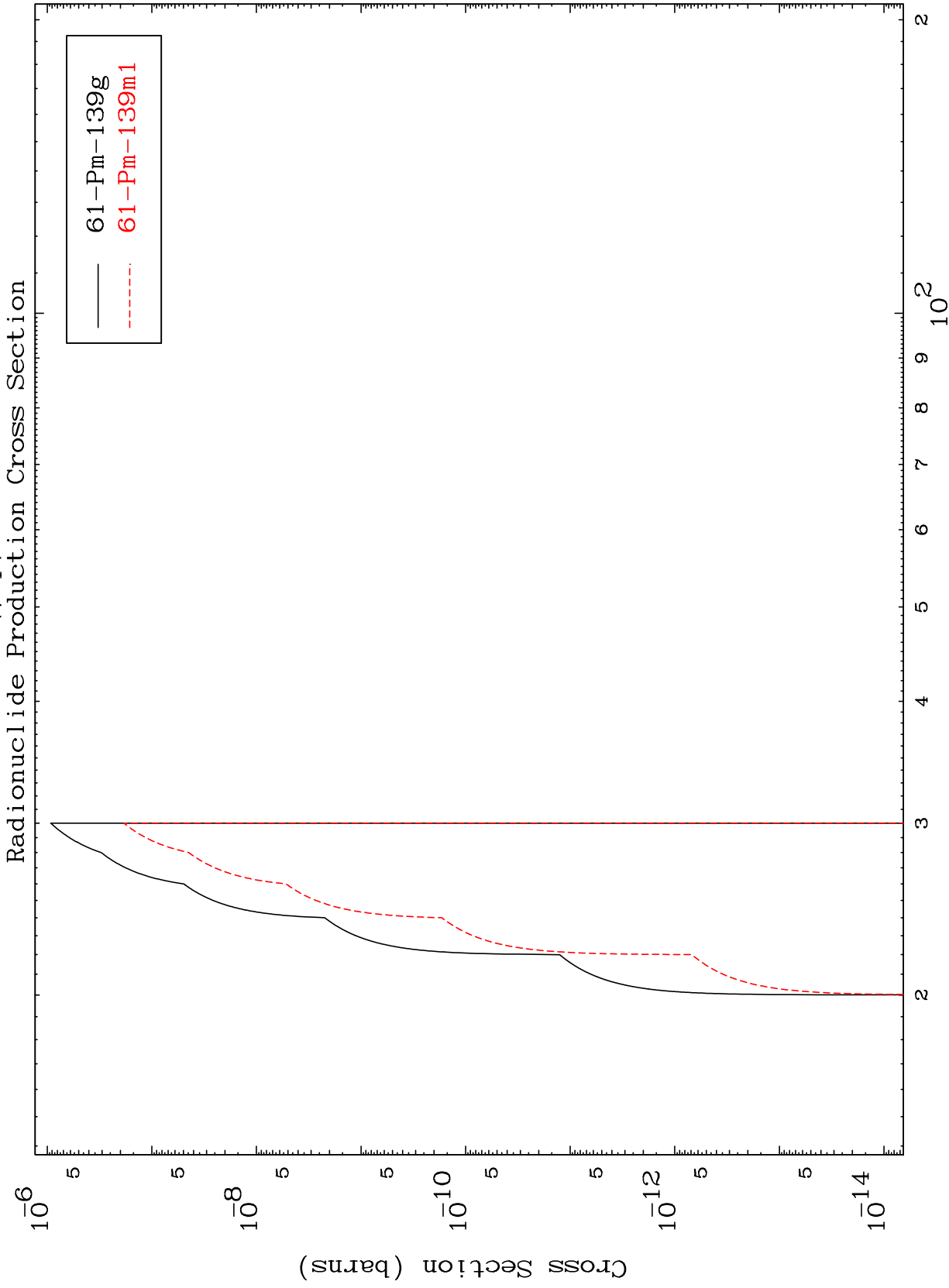
Incident Energy (MeV)

63-Eu-142

MAT 6298

(γ, p) d

63-Eu-142



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63-Eu-142