

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

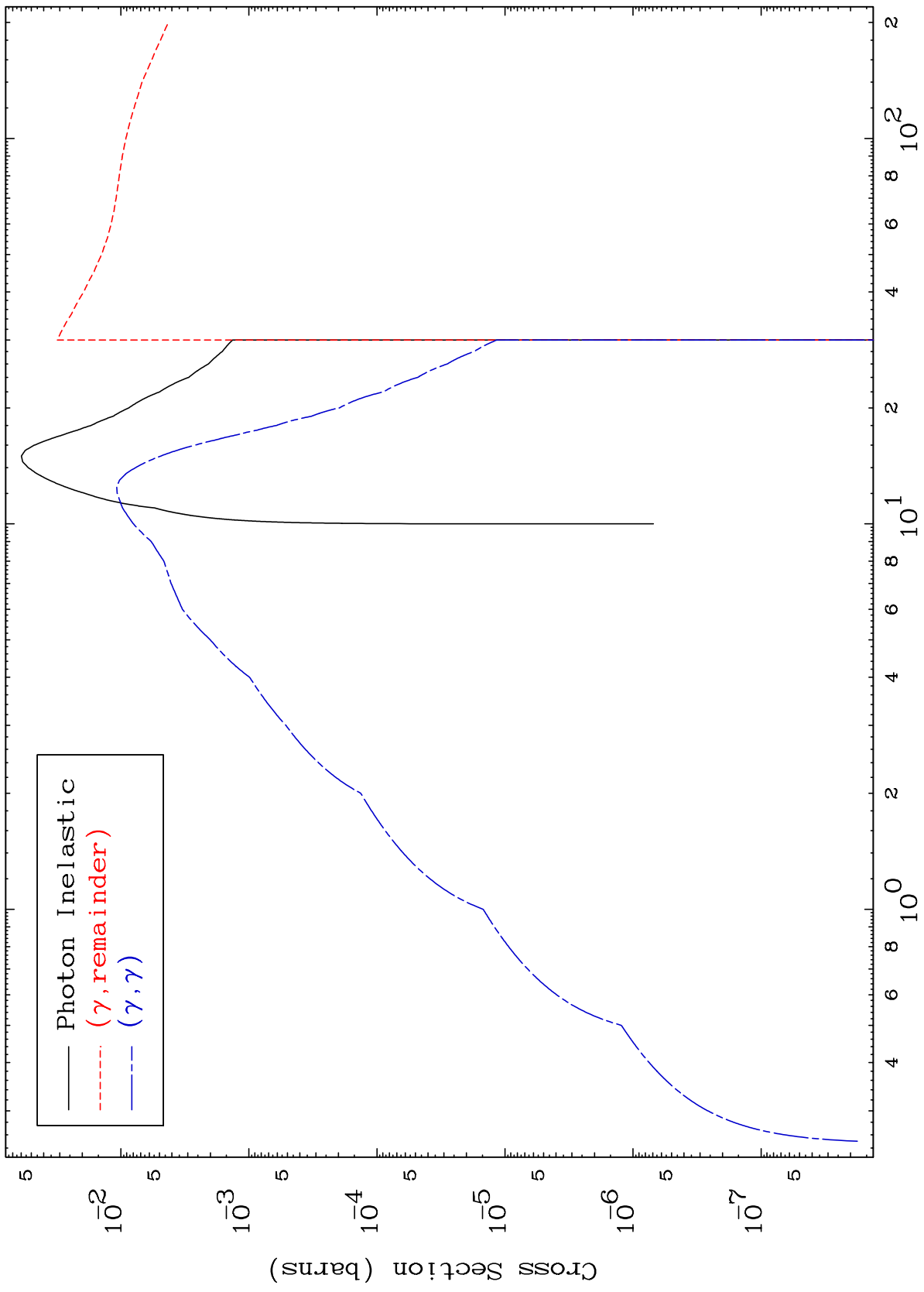
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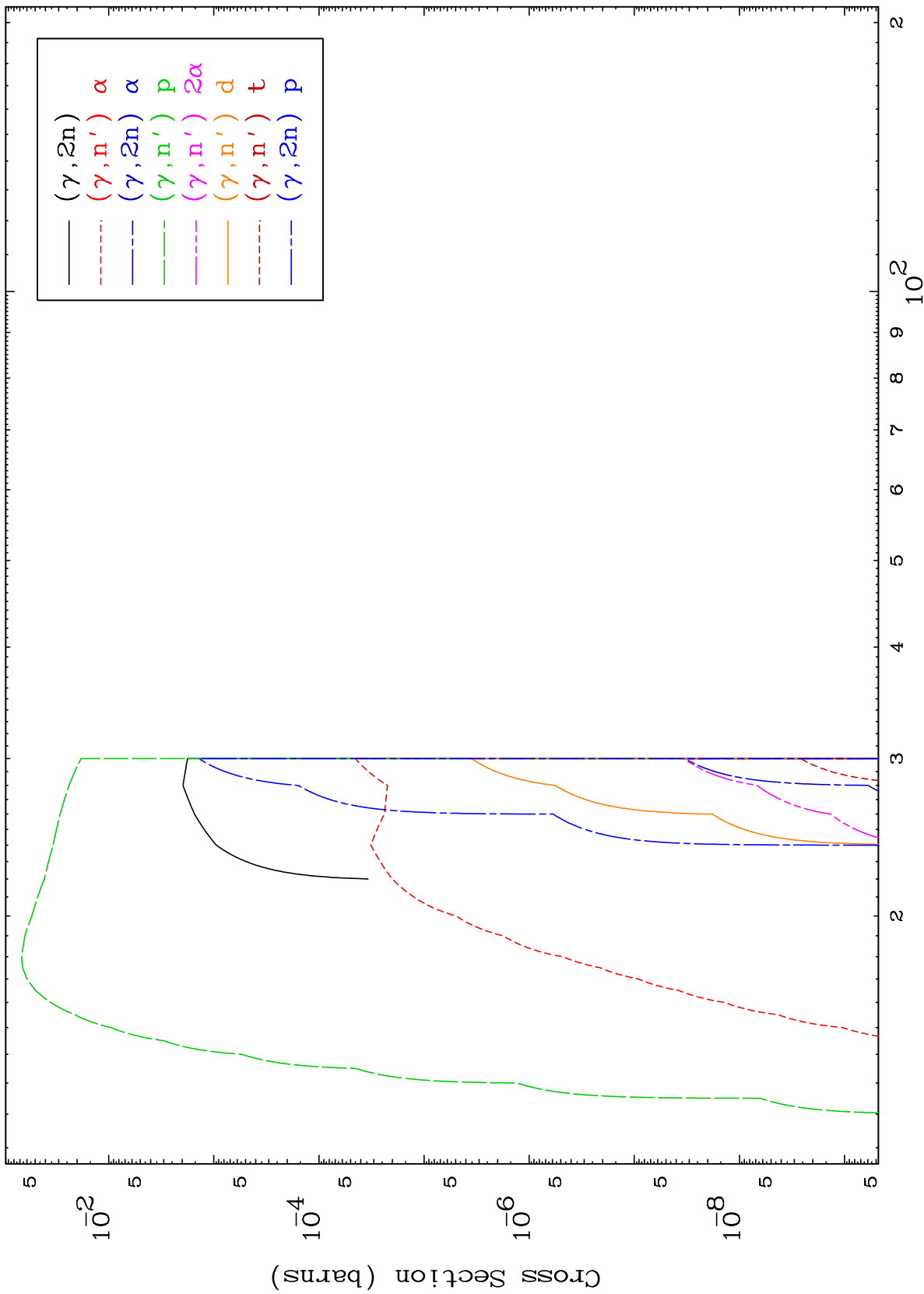
E.Mail:redcullen1@comcast.net

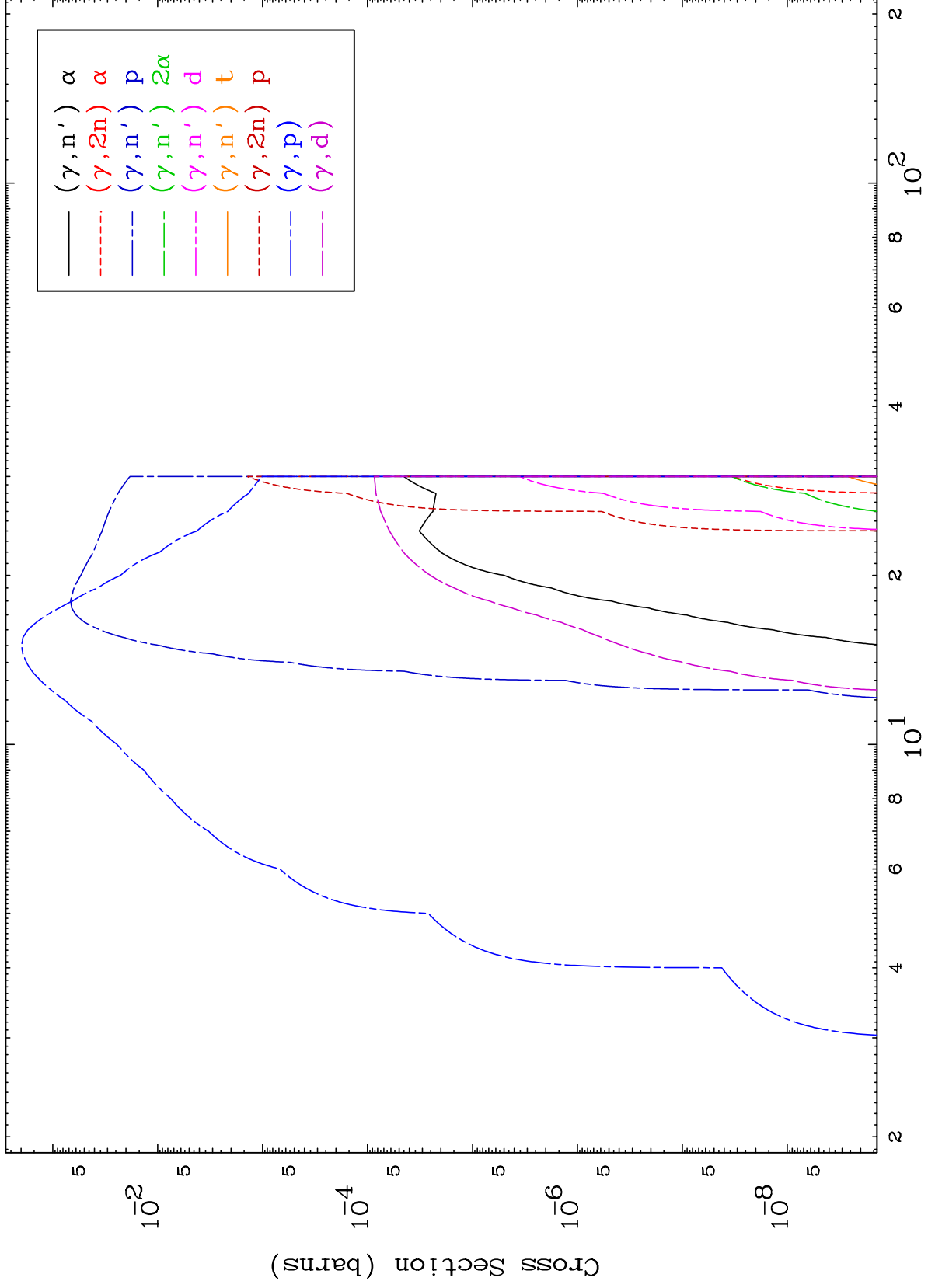
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



— Photon Inelastic
- - - (γ , remainder)
- . - (γ , γ)

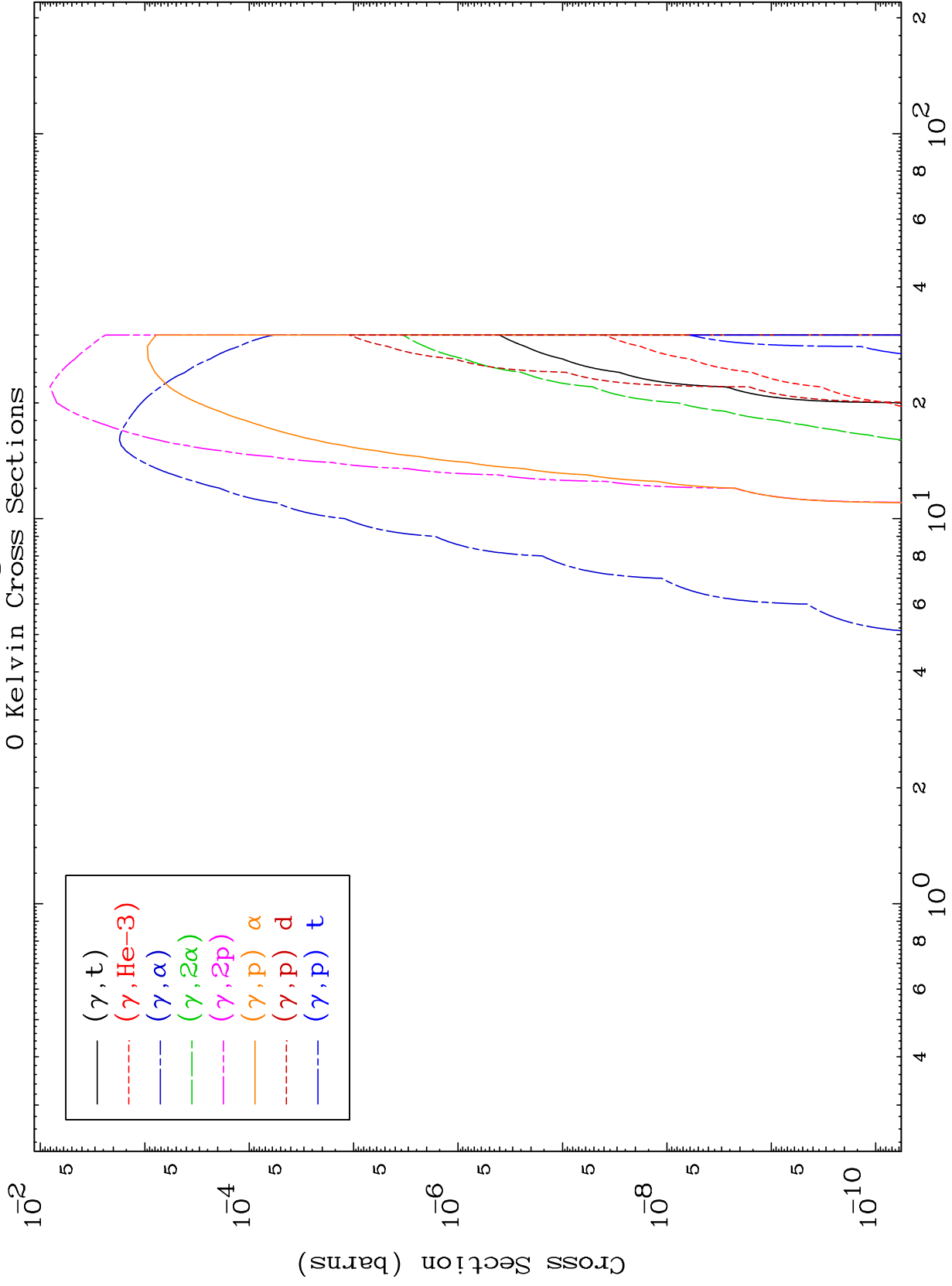




MAT 6292

Photon Charged Particle
0 Kelvin Cross Sections

63-Eu-140



63-Eu-140

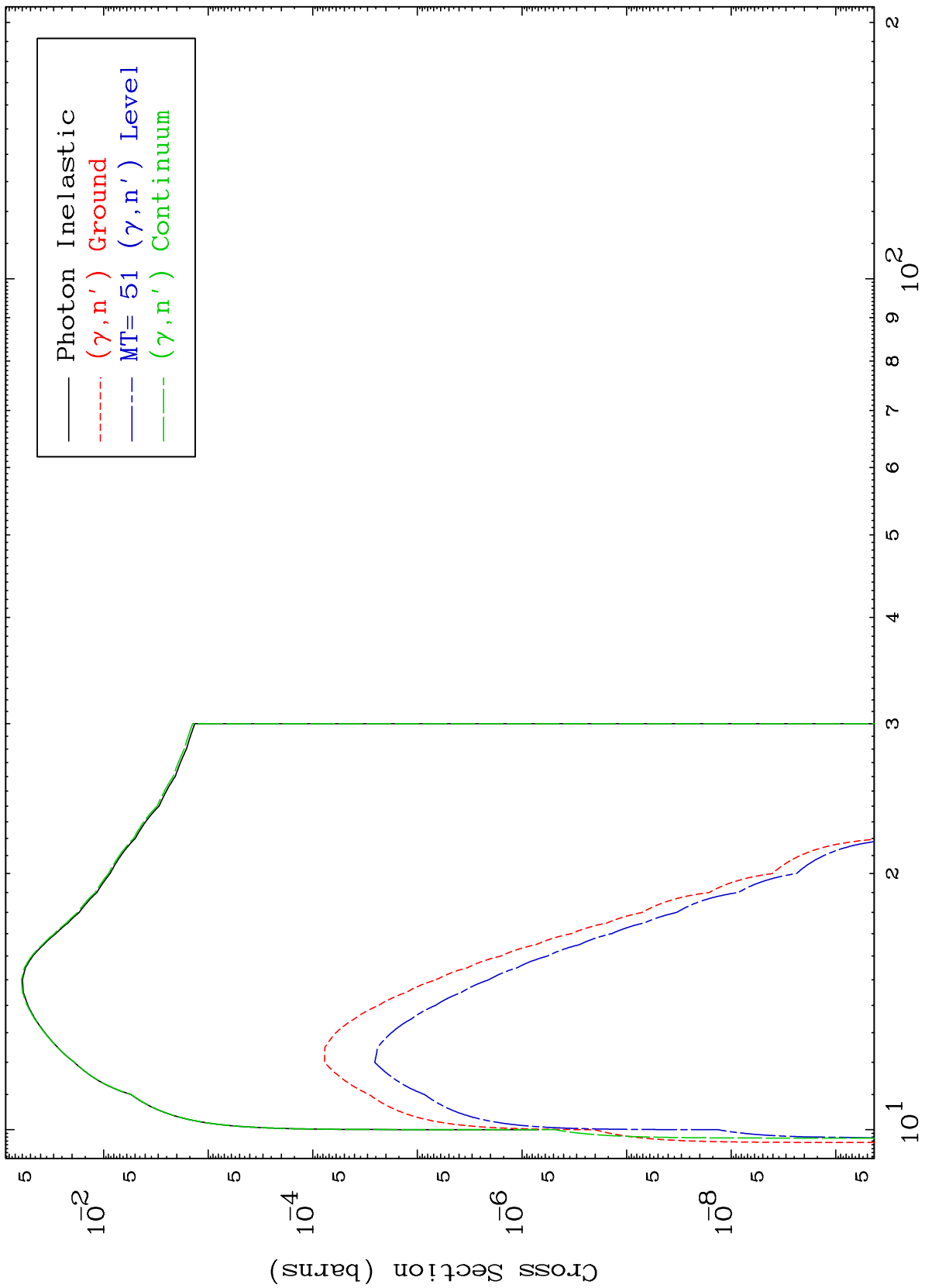
Incident Energy (MeV)

MAT 6292

(γ, n') Level

63-Eu-140

0 Kelvin Cross Sections



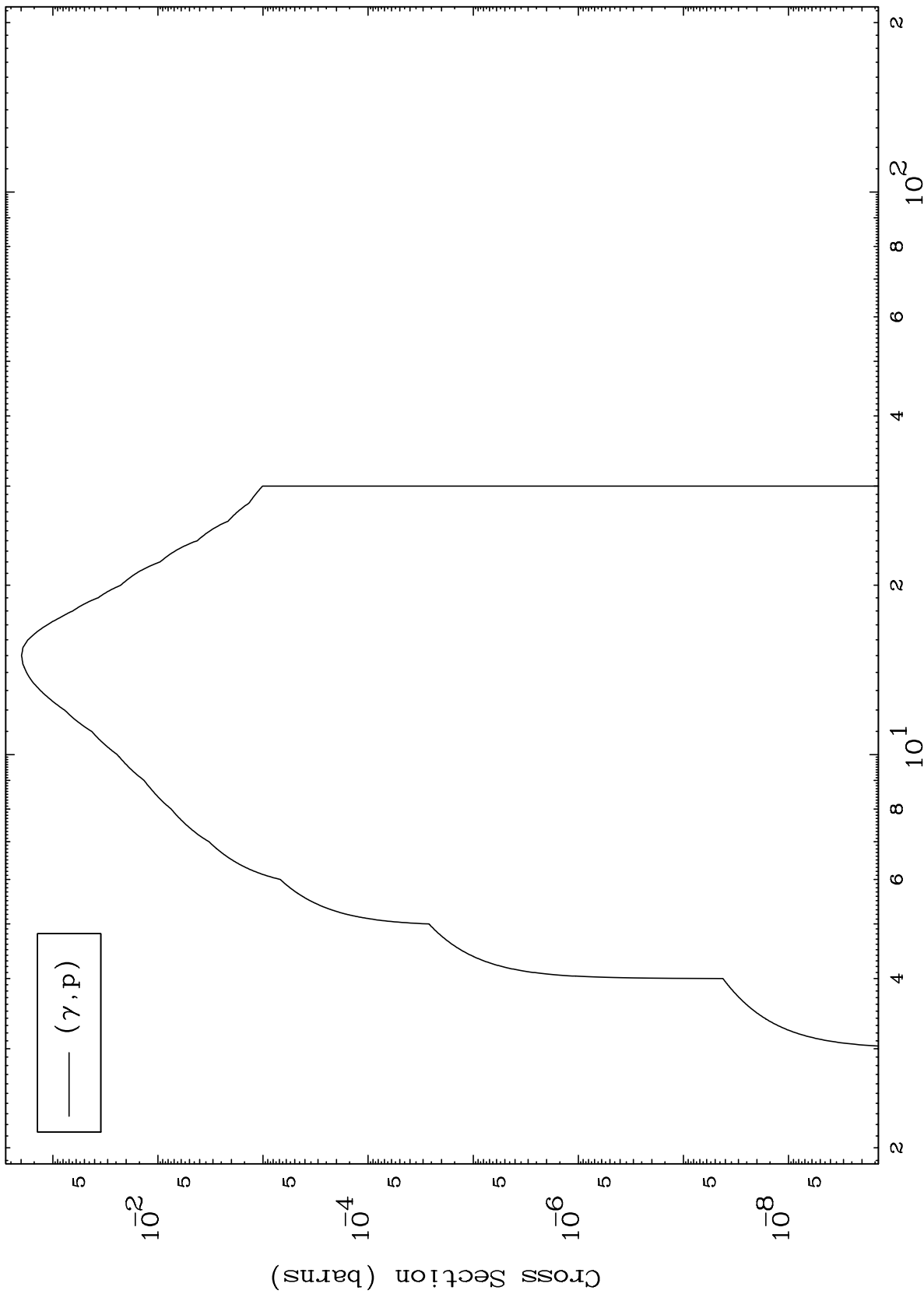
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(γ, p) Levels
0 Kelvin Cross Sections



(γ, p)

63-Eu-140

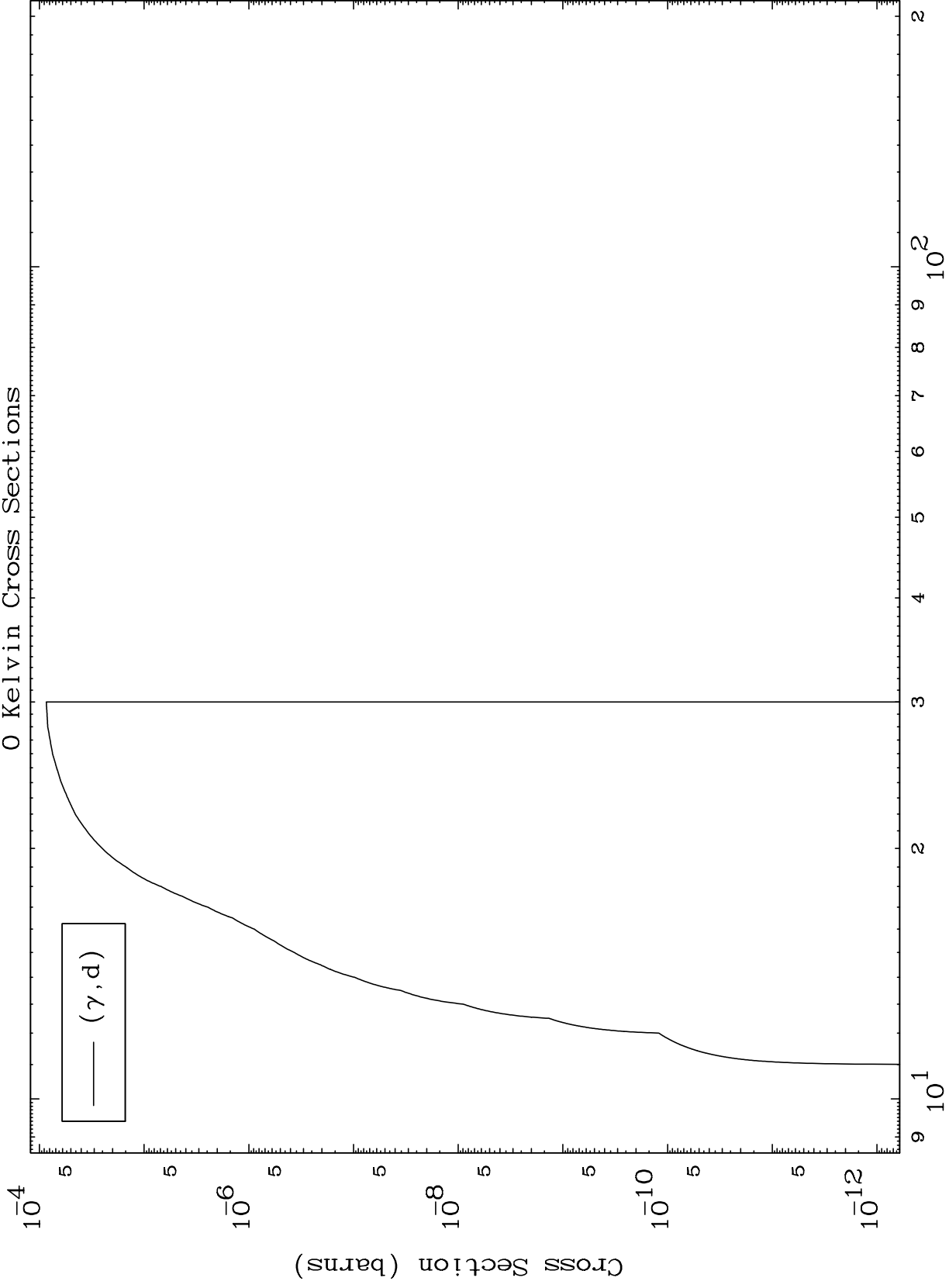
Incident Energy (MeV)

6

MAT 6292

(γ, d) Levels
0 Kelvin Cross Sections

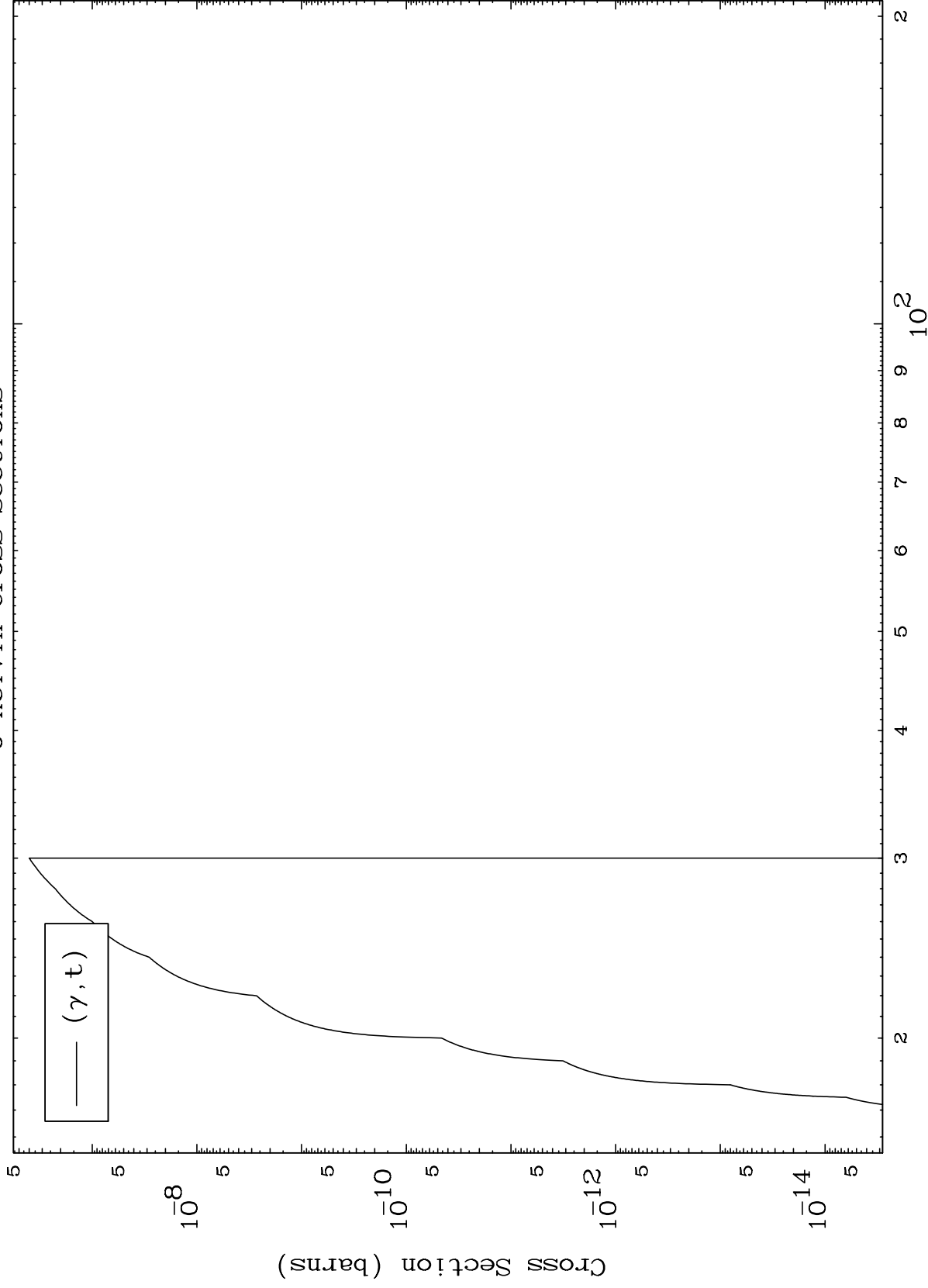
63-Eu-140

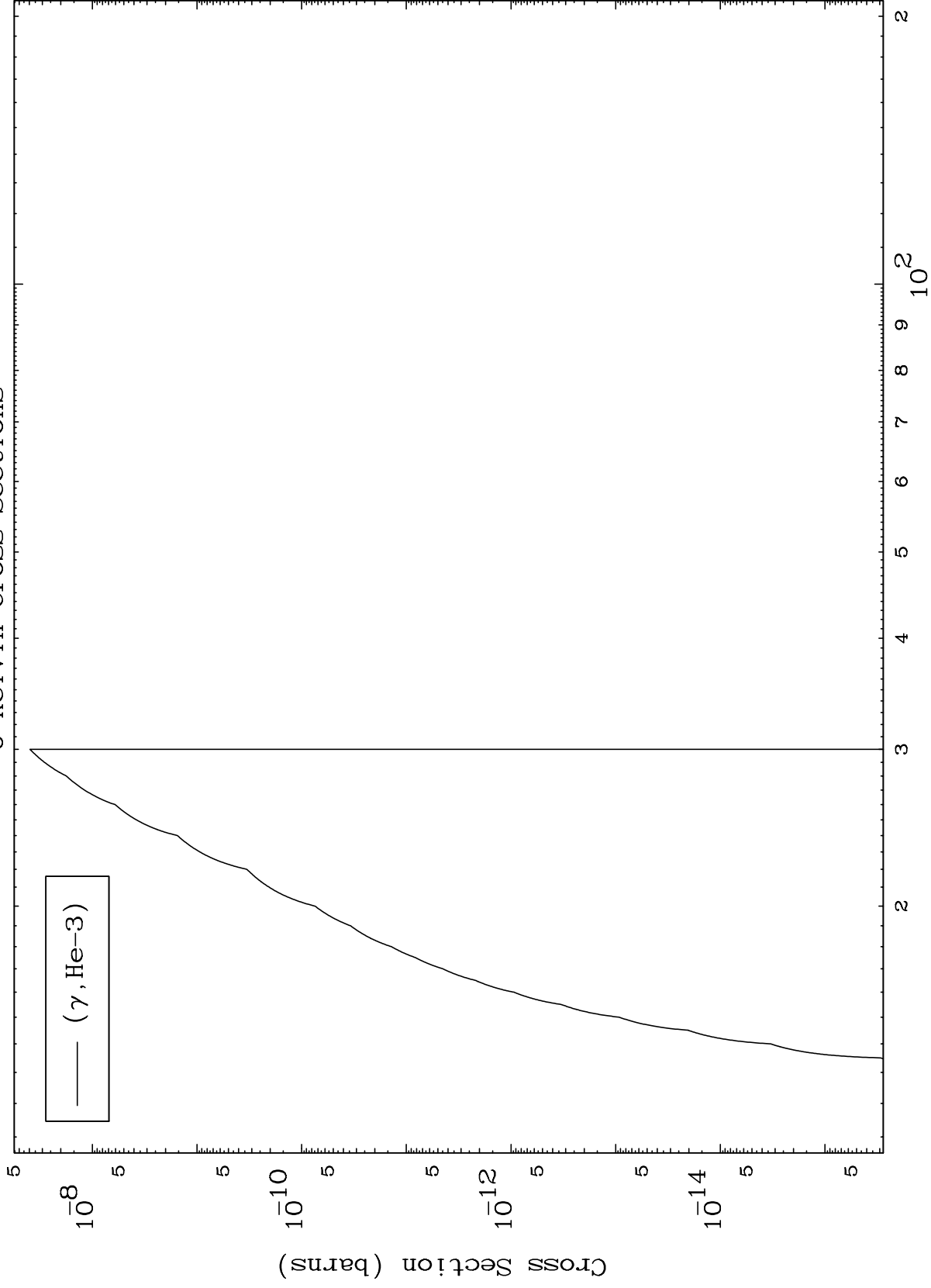


Incident Energy (MeV)

63-Eu-140

7



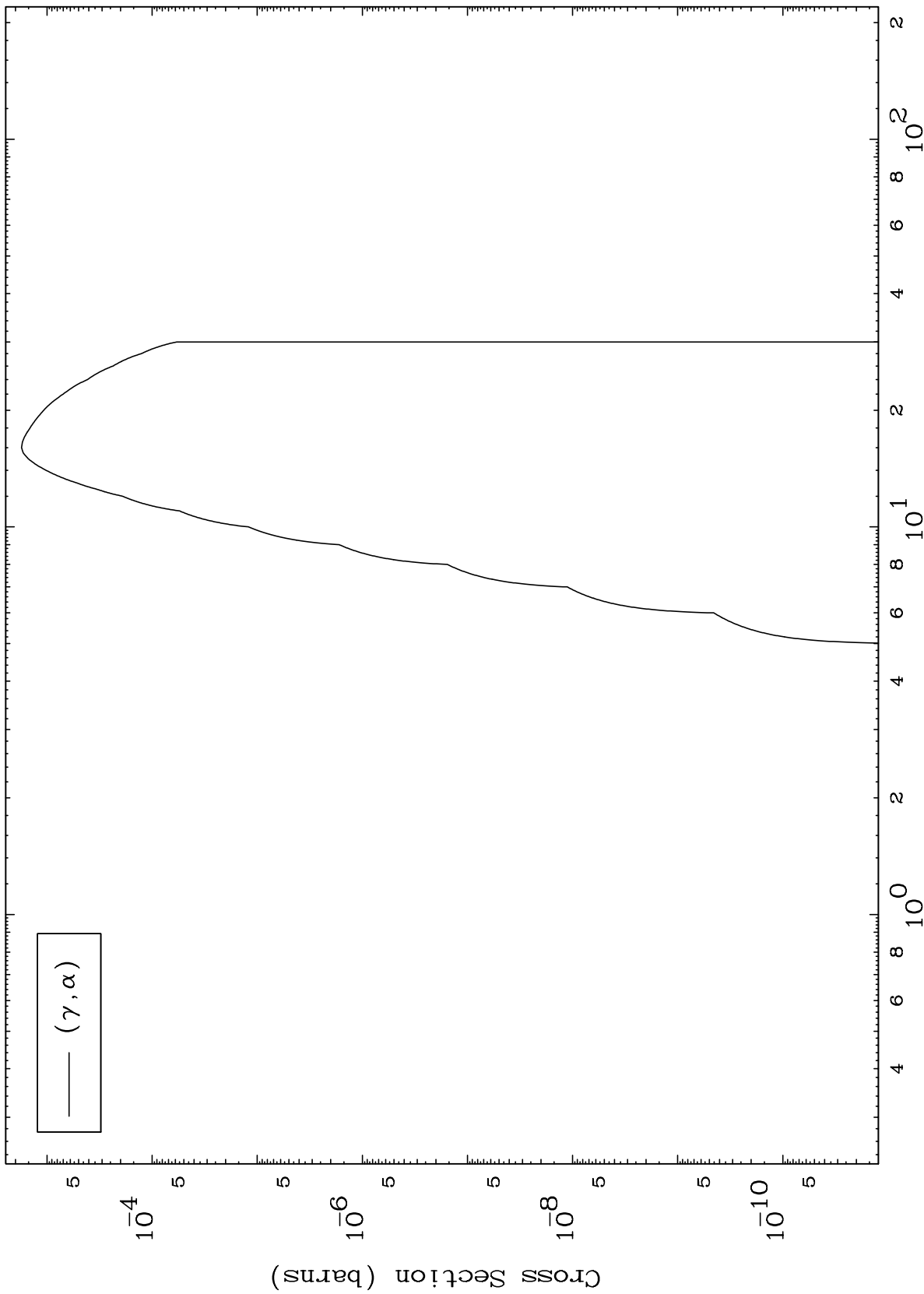


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(γ, α) Levels

63-Eu-140

0 Kelvin Cross Sections



10

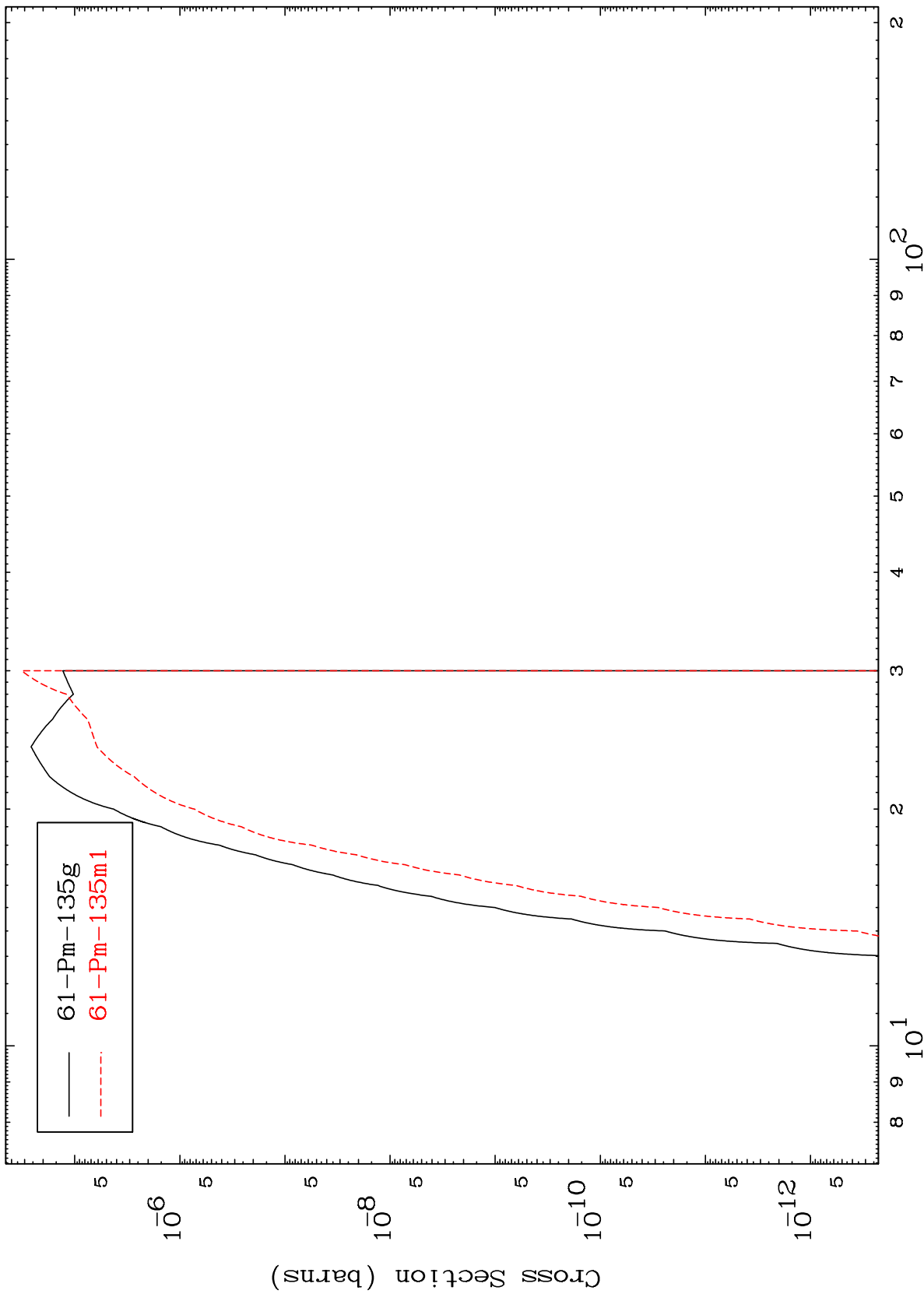
Incident Energy (MeV)

63-Eu-140

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63-Eu-140

(γ, n') α
Radionuclide Production Cross Section

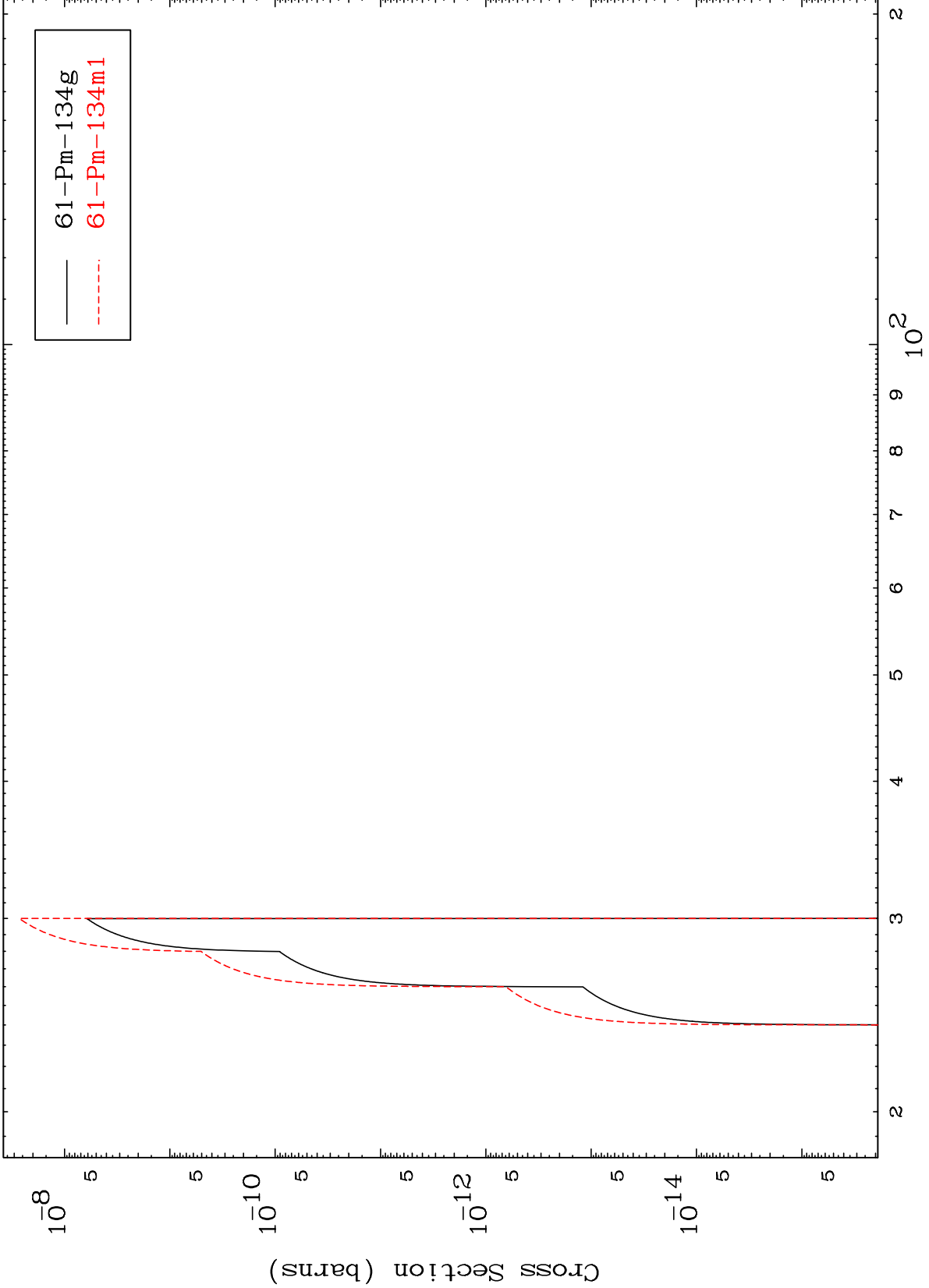


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63-Eu-140

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



12

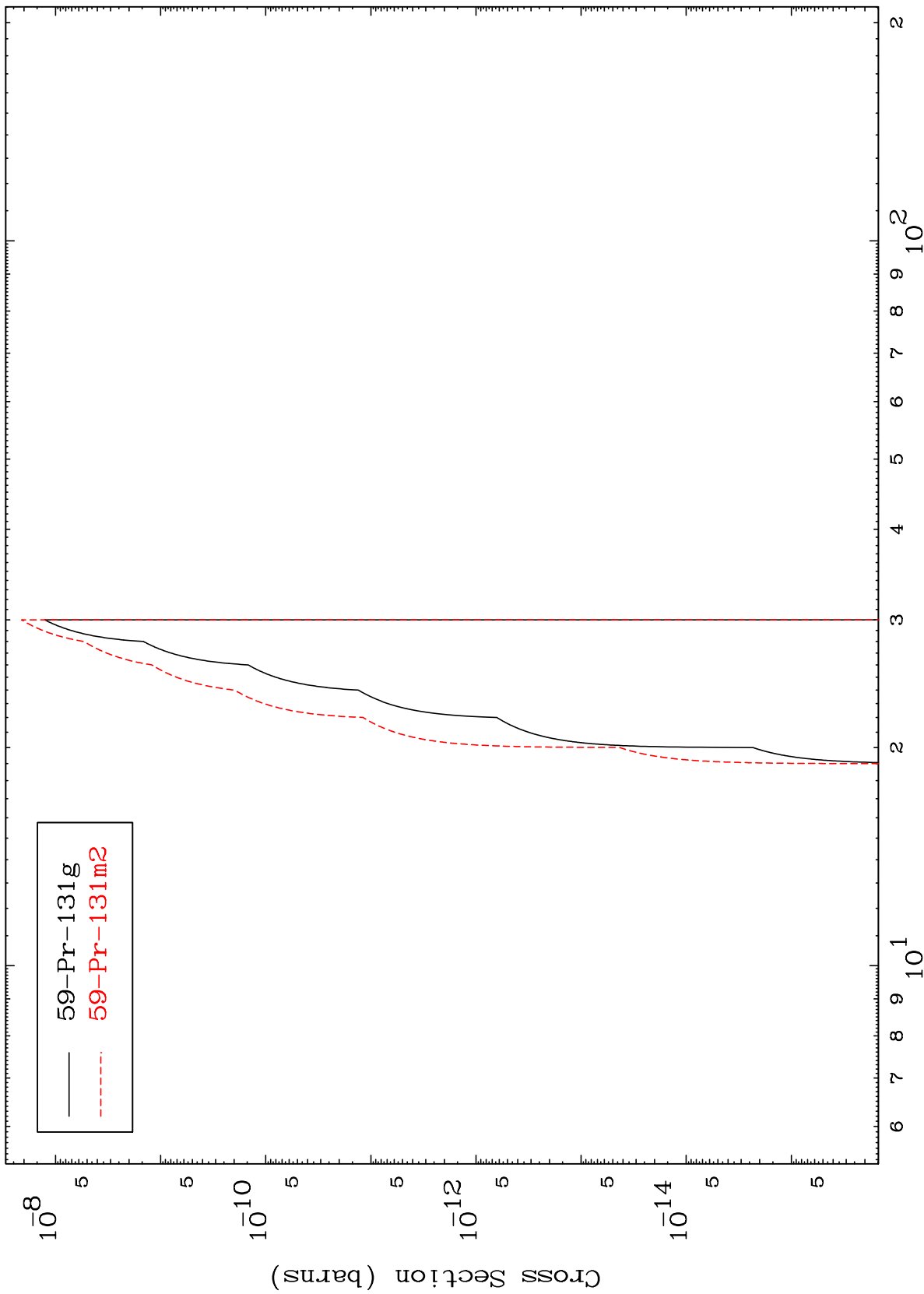
Incident Energy (MeV)

63-Eu-140

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63-Eu-140

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



13

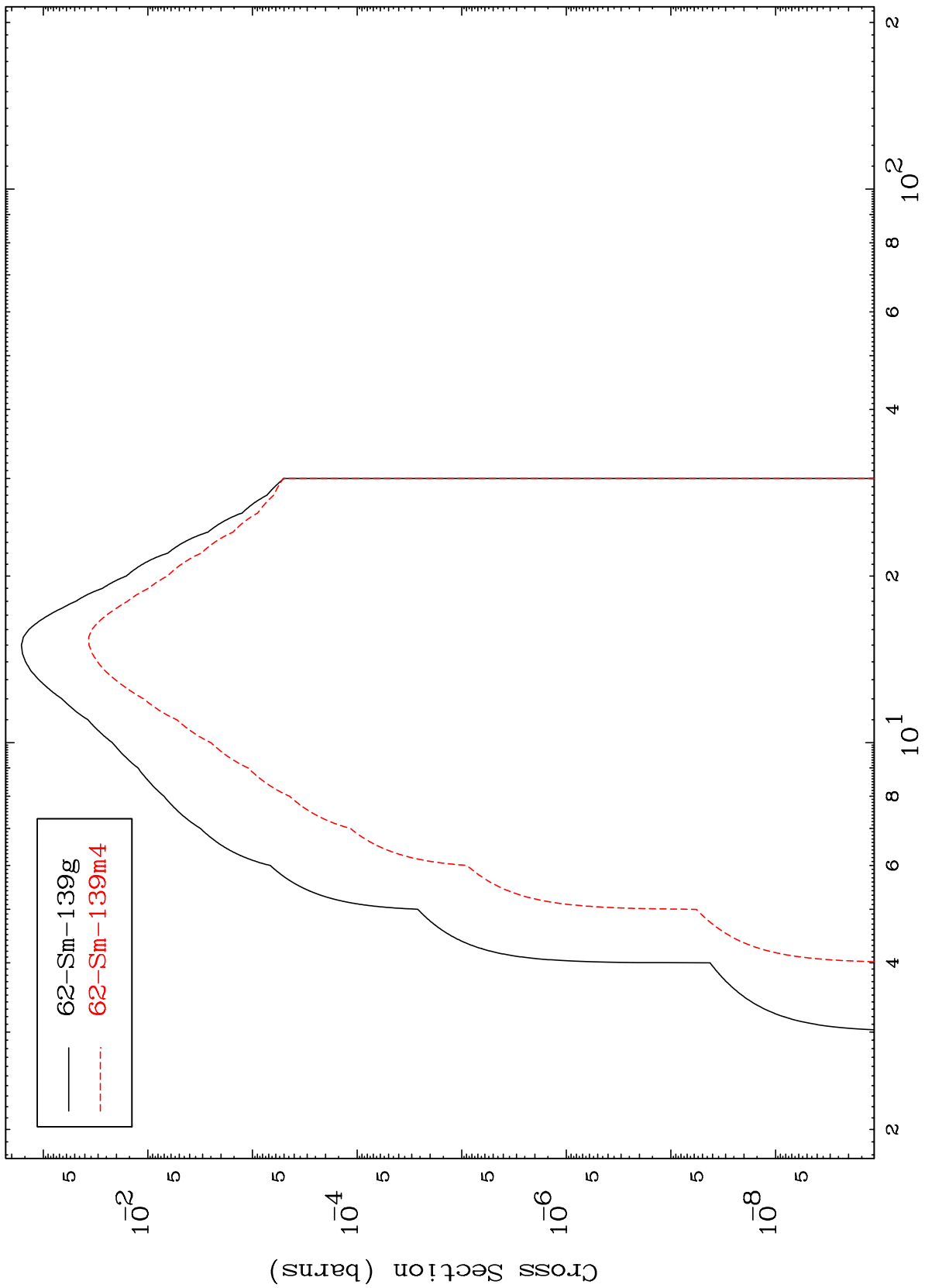
Incident Energy (MeV)

63-Eu-140

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63-Eu-140

Radionuclide Production Cross Section
(γ, p)



62-Sm-139g
62-Sm-139m4

14

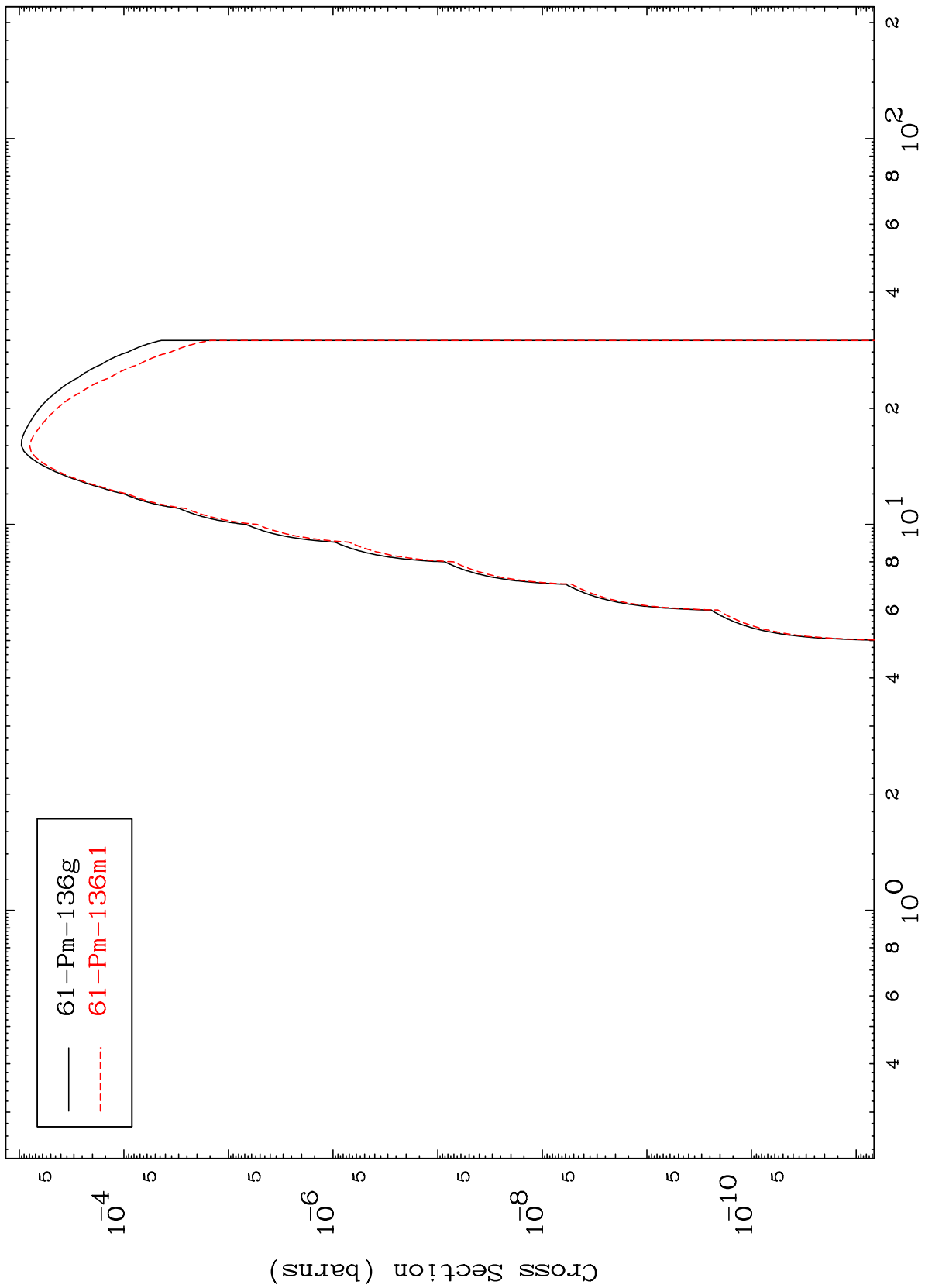
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(γ, α)
Radionuclide Production Cross Section

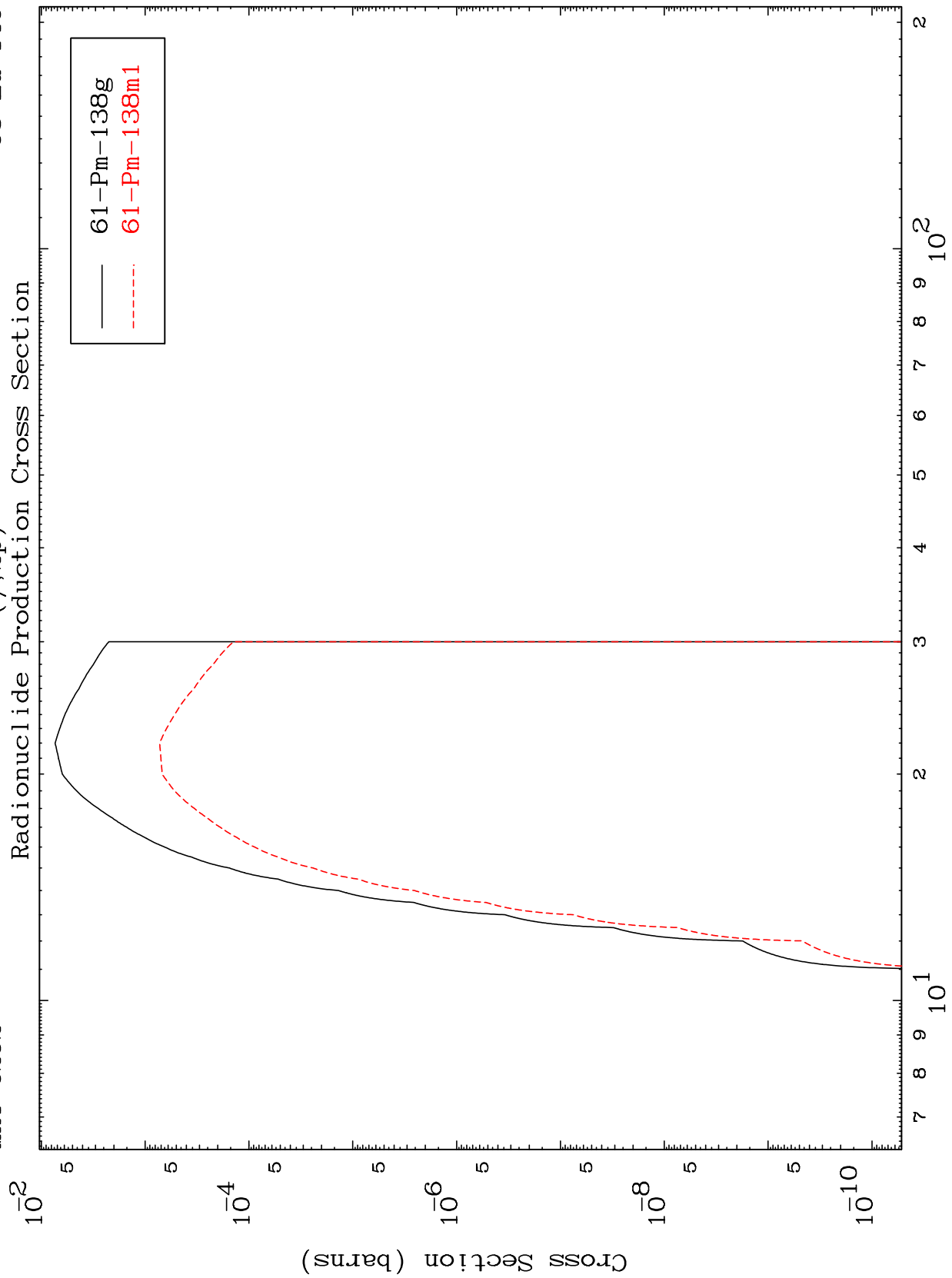


— 61-Pm-136g
- - - 61-Pm-136m1

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63-Eu-140

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



16

Incident Energy (MeV)

63-Eu-140

Radionuclide Production Cross Section

