

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

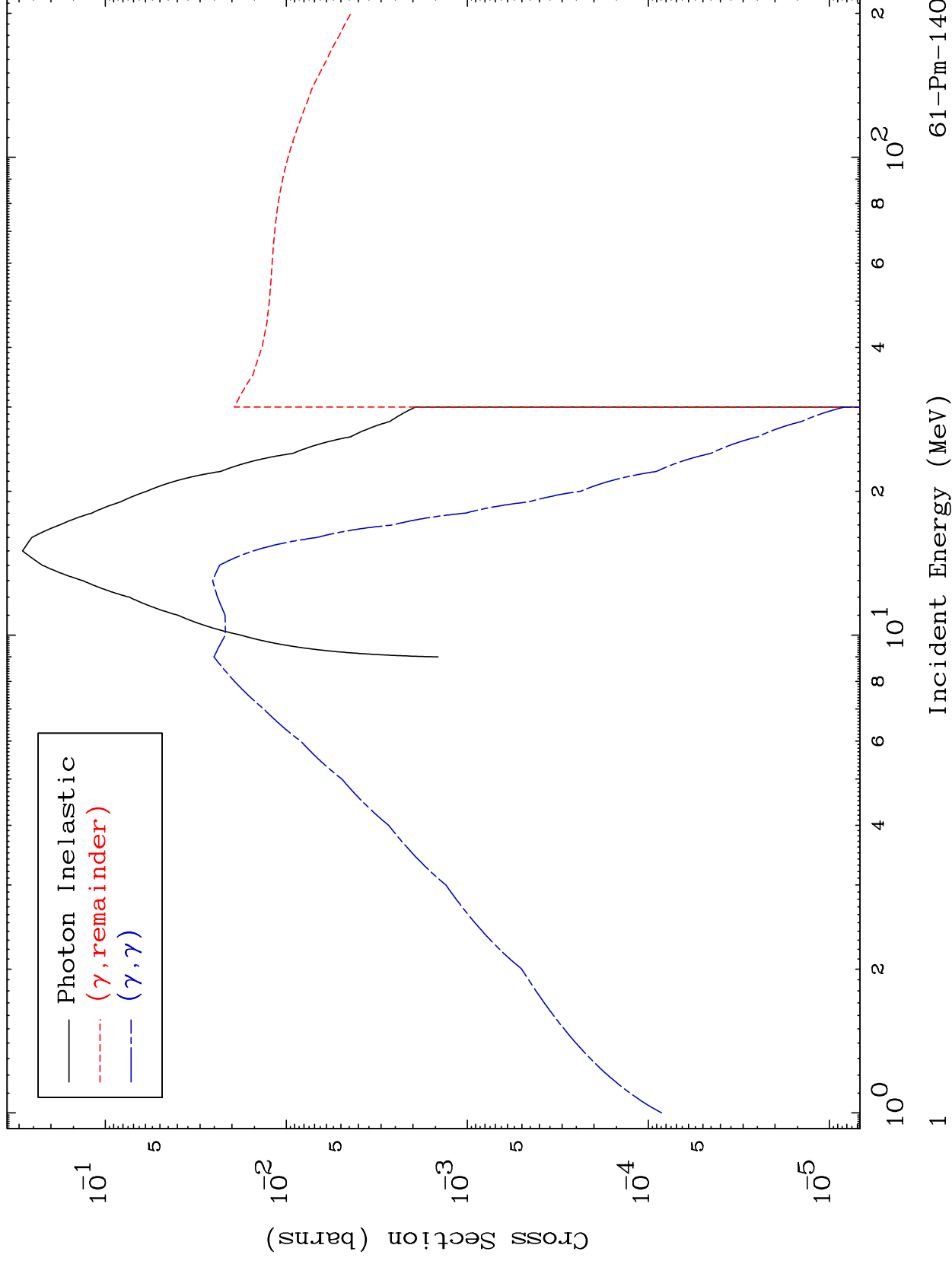
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

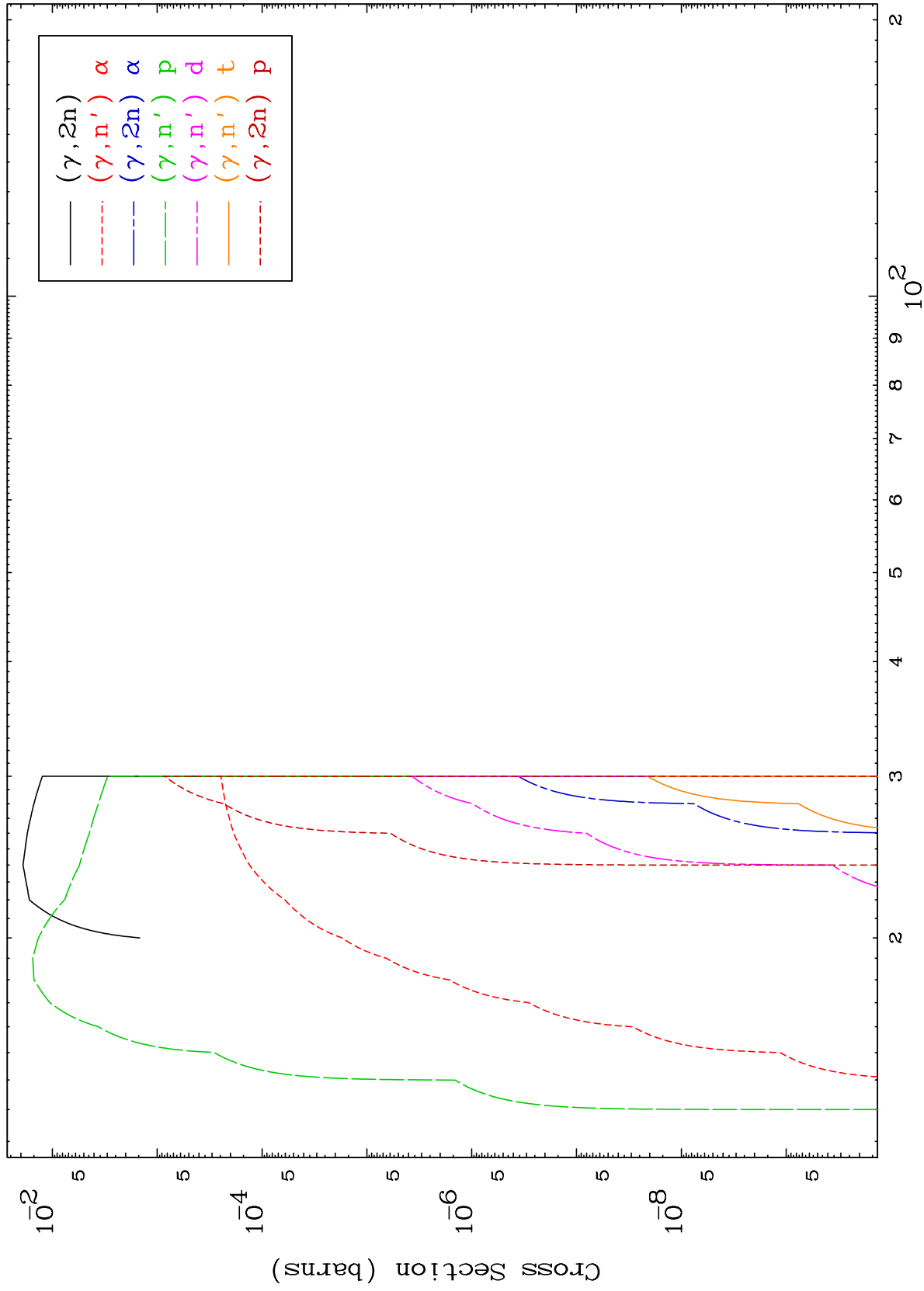
Press Mouse Button to Start

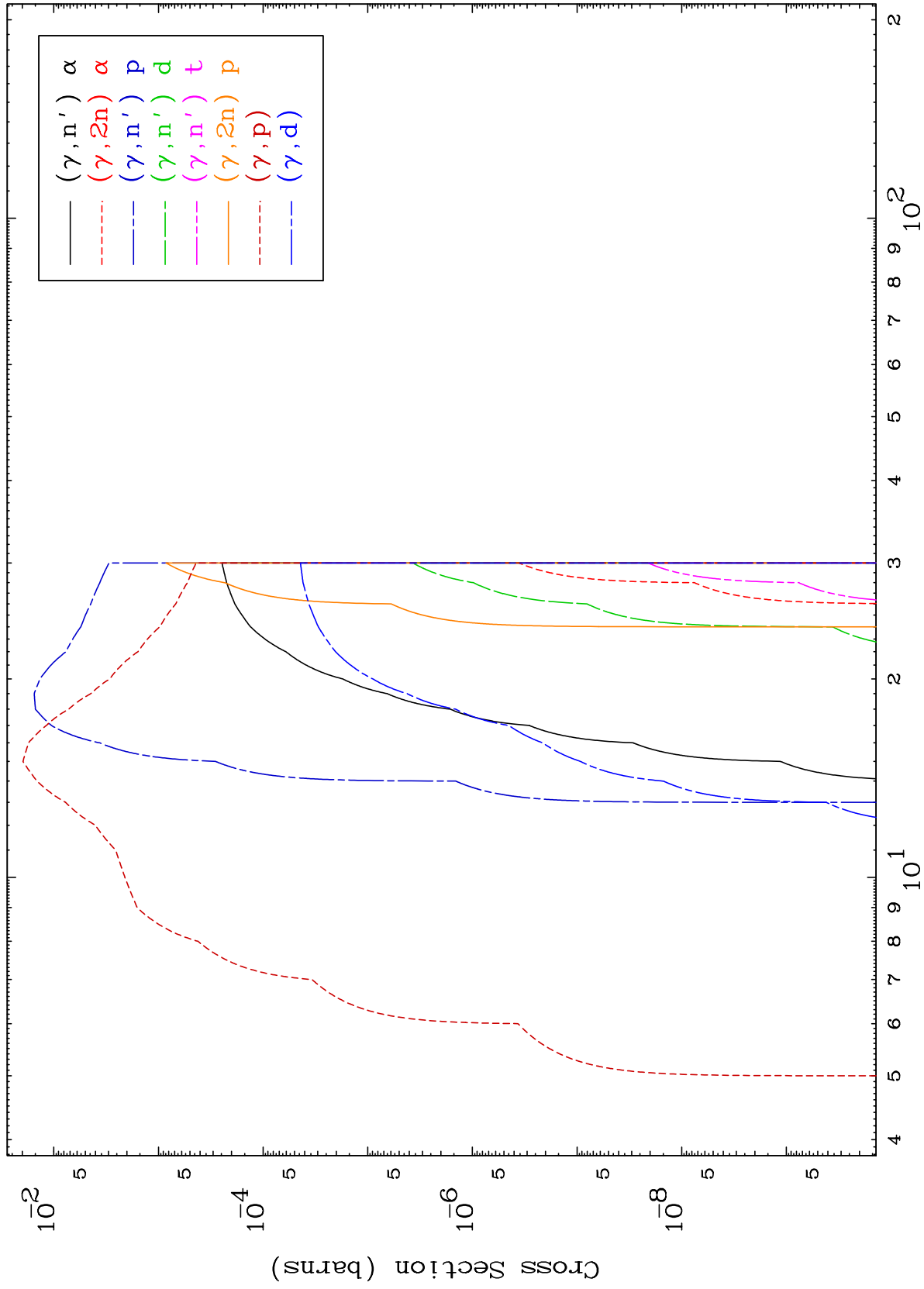
MAT 6128

Photon Major
0 Kelvin Cross Sections

61-Pm-140



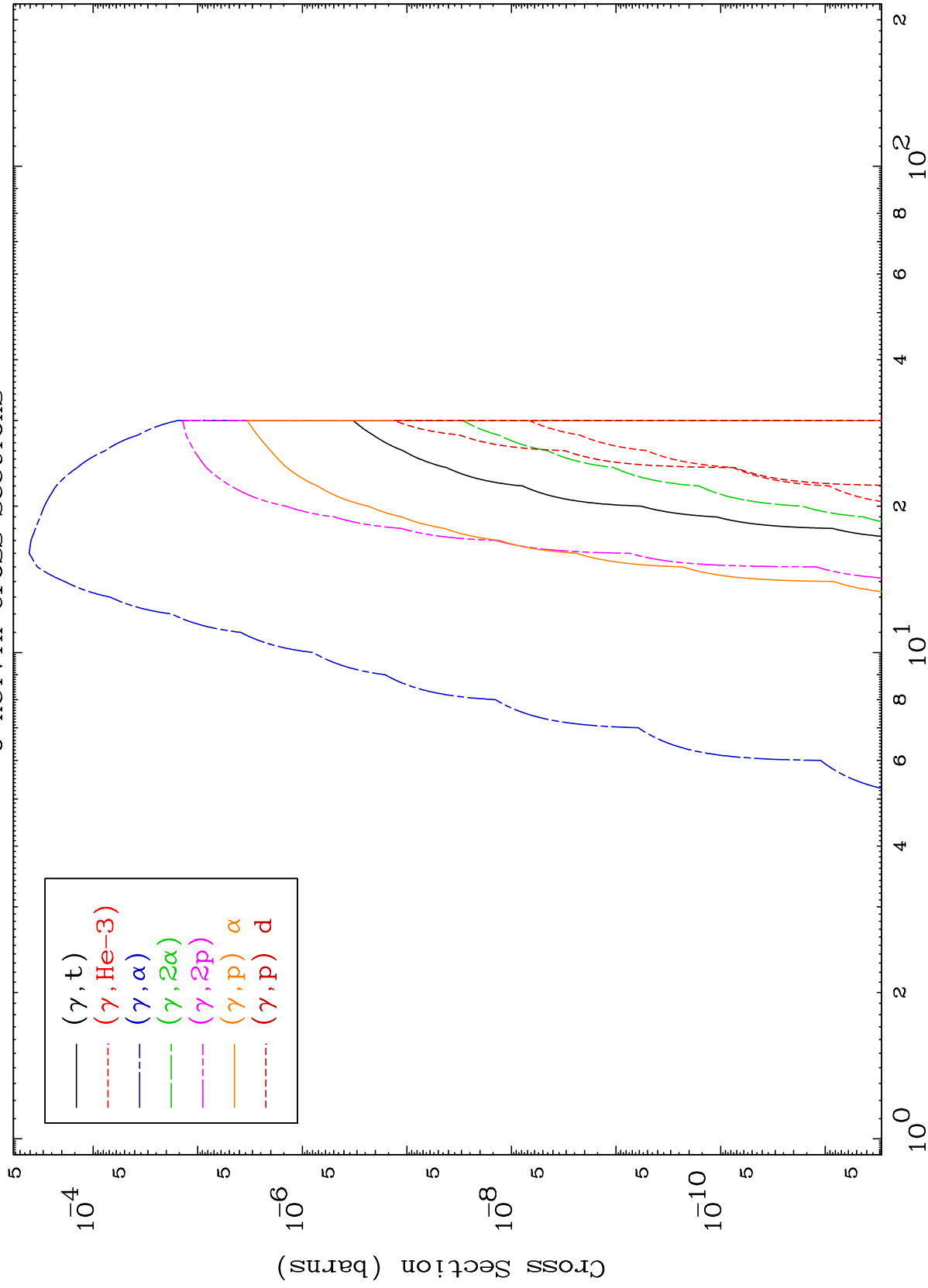




MAT 6128

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-140

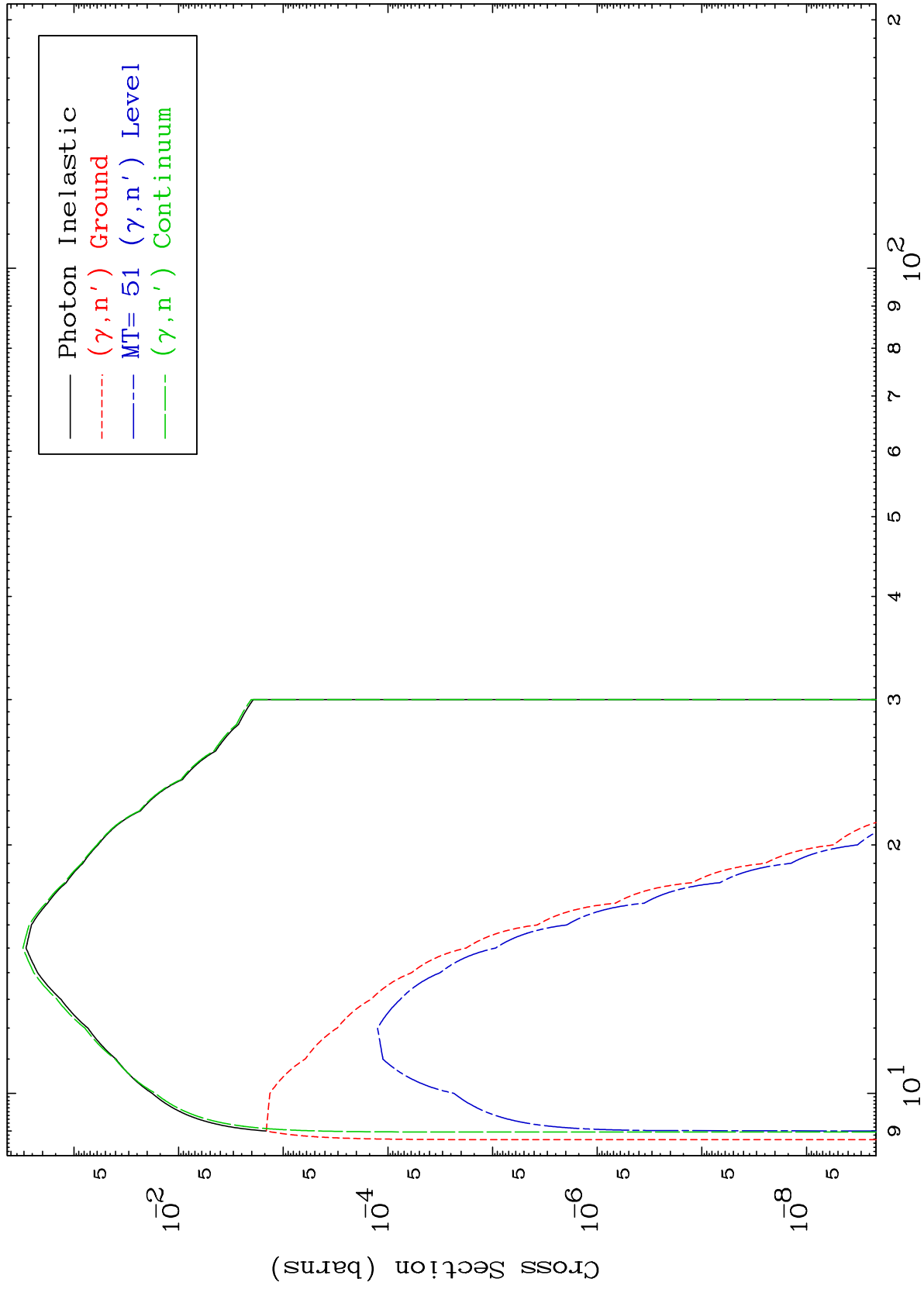


MAT 6128

(γ, n') Level

61-Pm-140

0 Kelvin Cross Sections



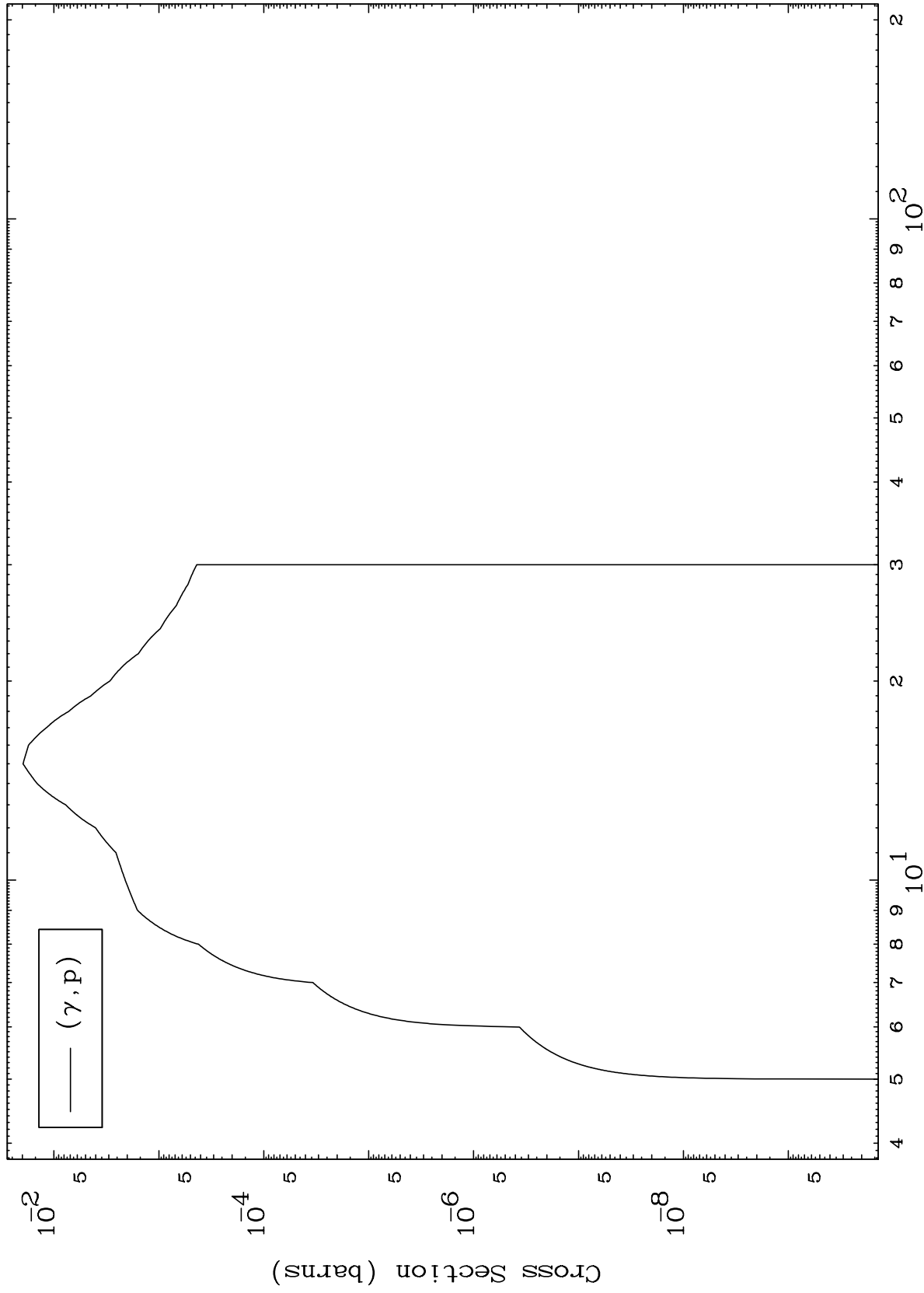
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

(γ, p) Levels
0 Kelvin Cross Sections



6

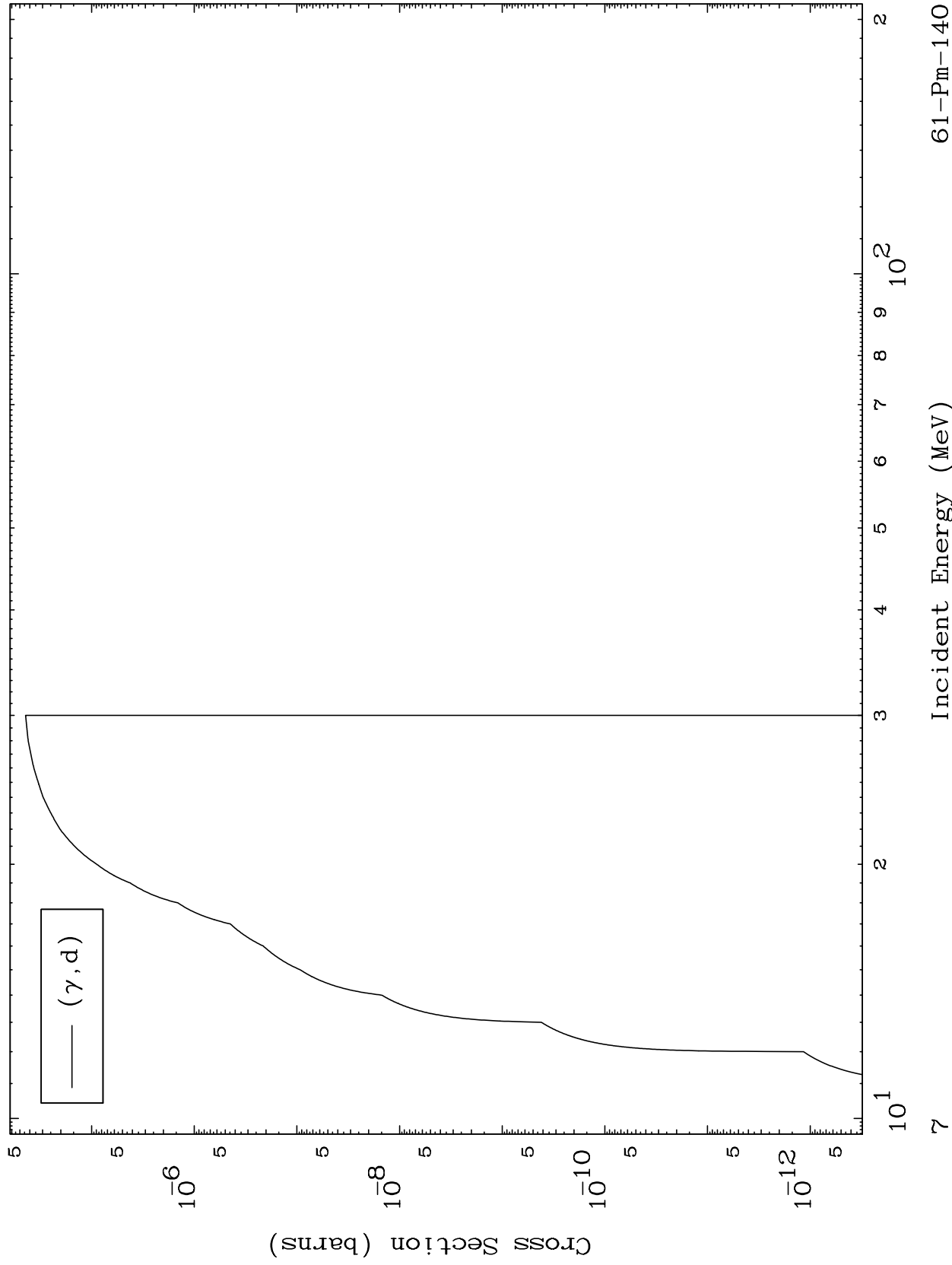
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

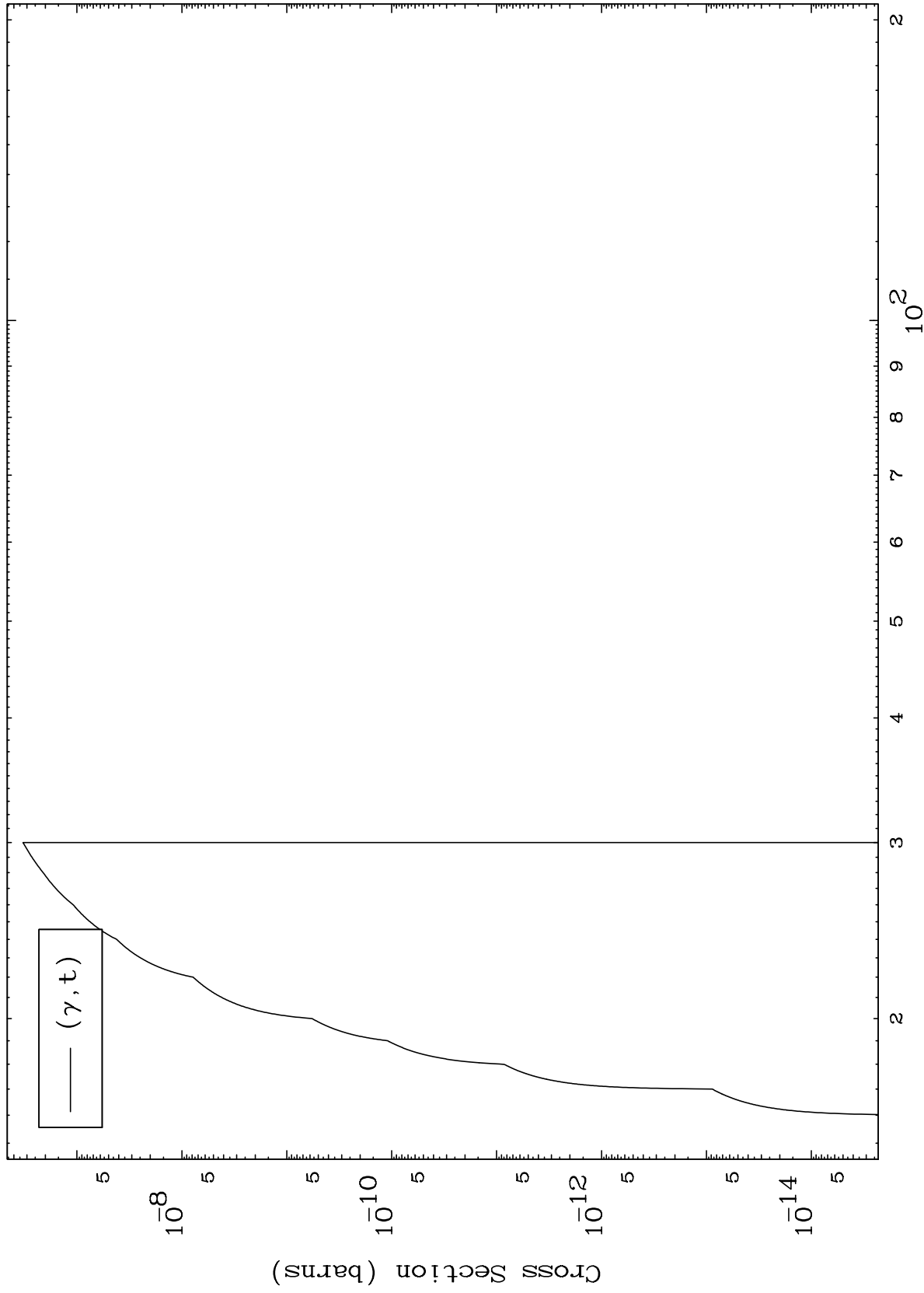
(γ ,d) Levels
0 Kelvin Cross Sections



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61-Pm-140

(γ, t) Levels
0 Kelvin Cross Sections



8

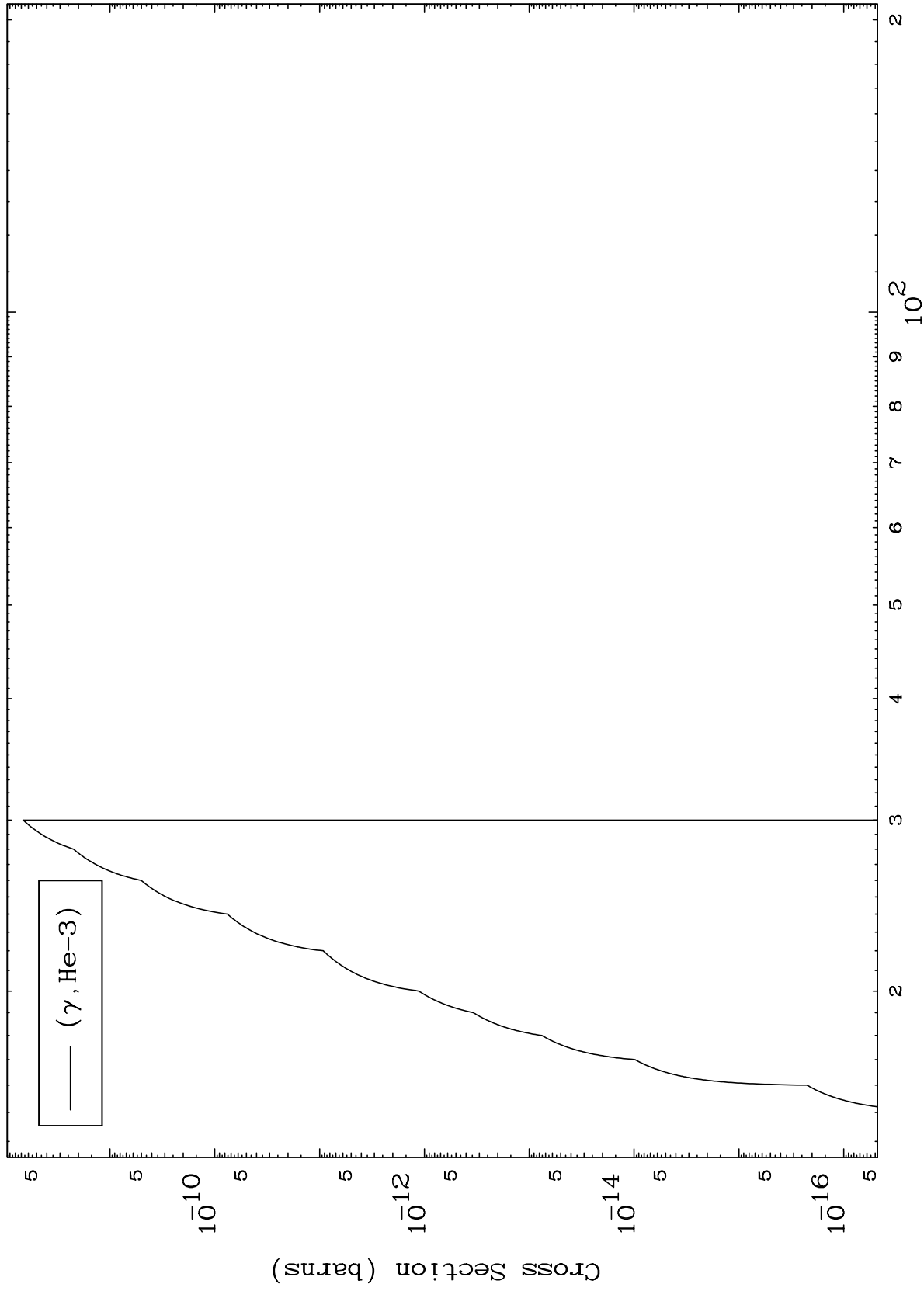
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

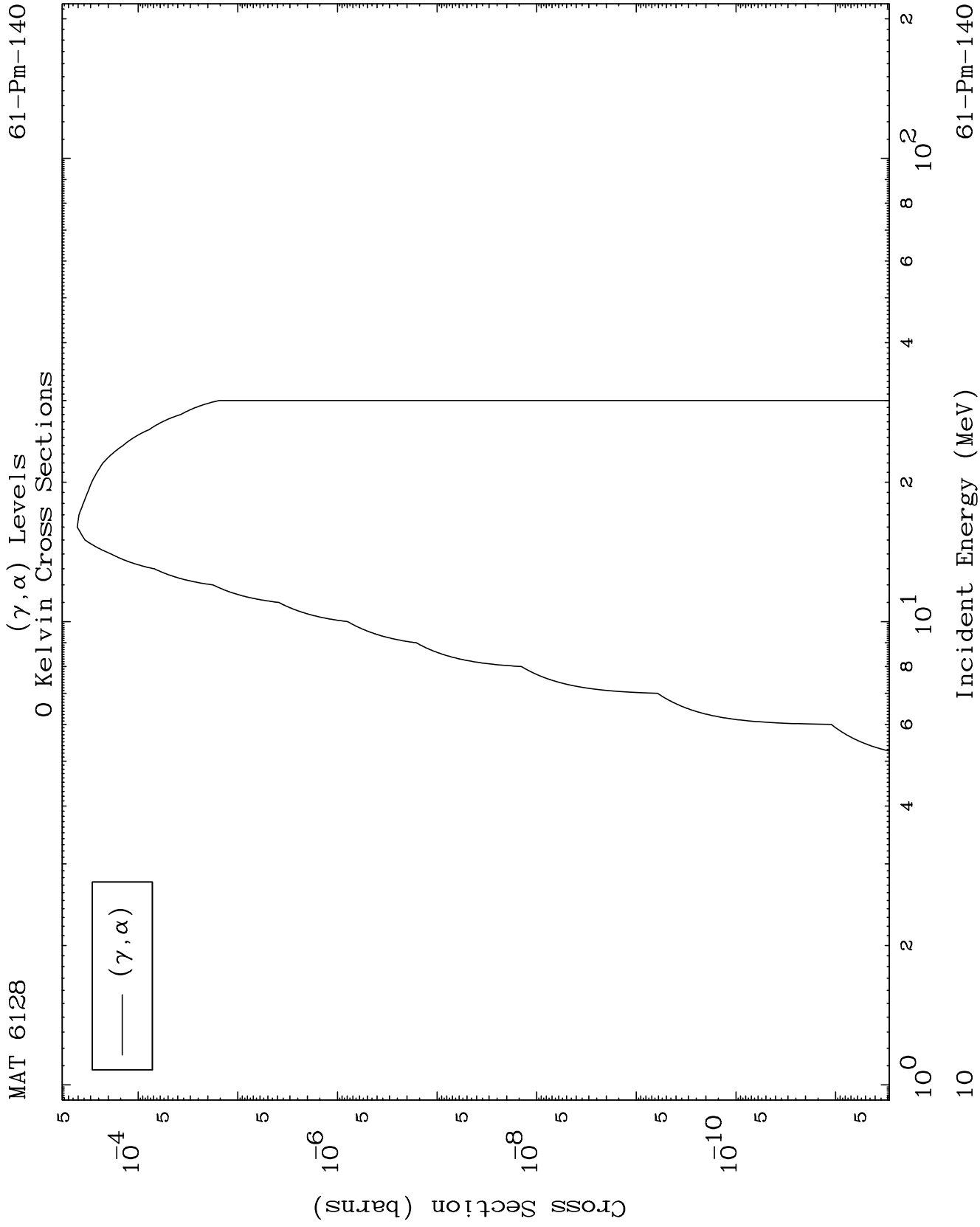
(γ ,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

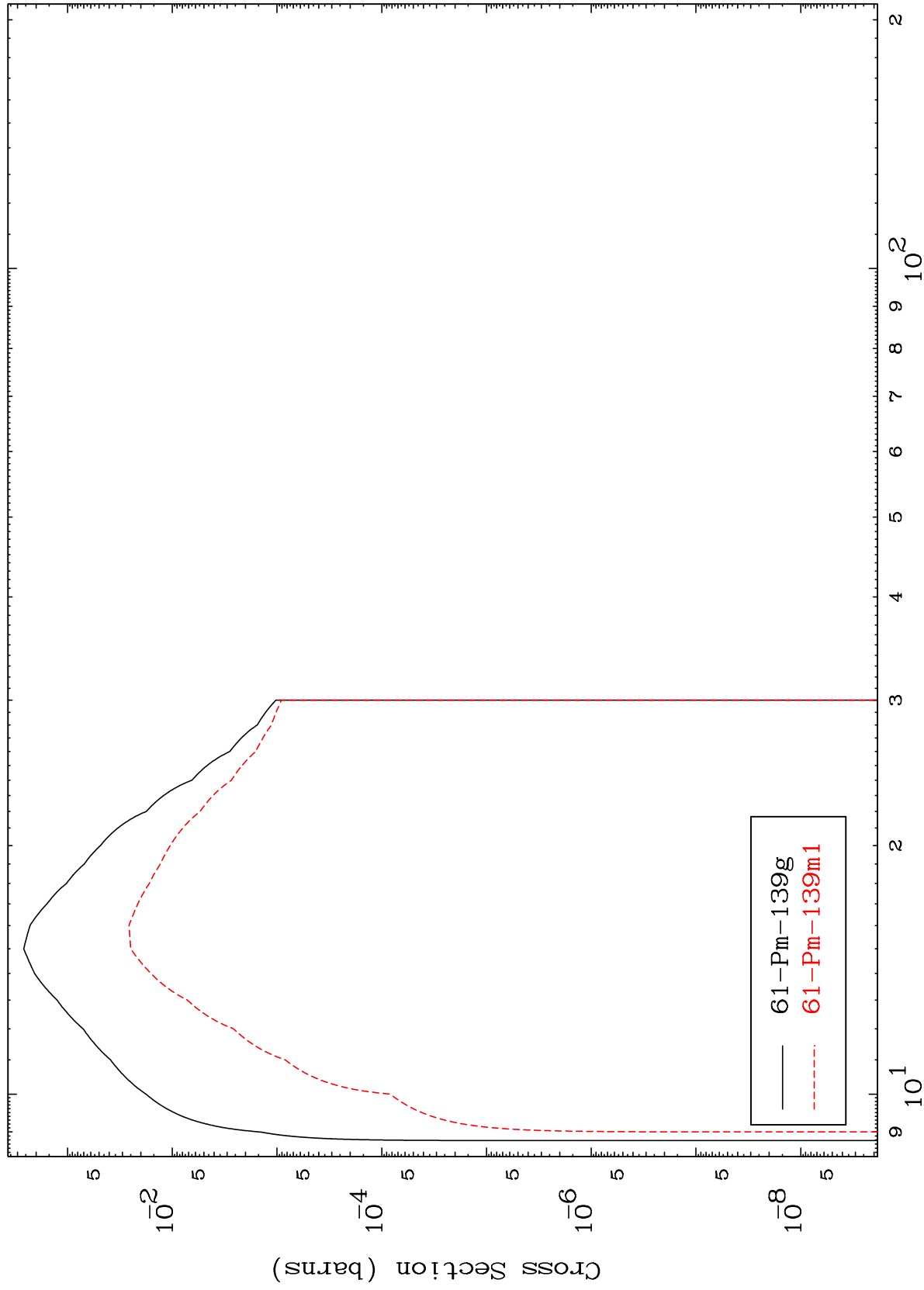
61-Pm-140



MAT 6128

61-Pm-140

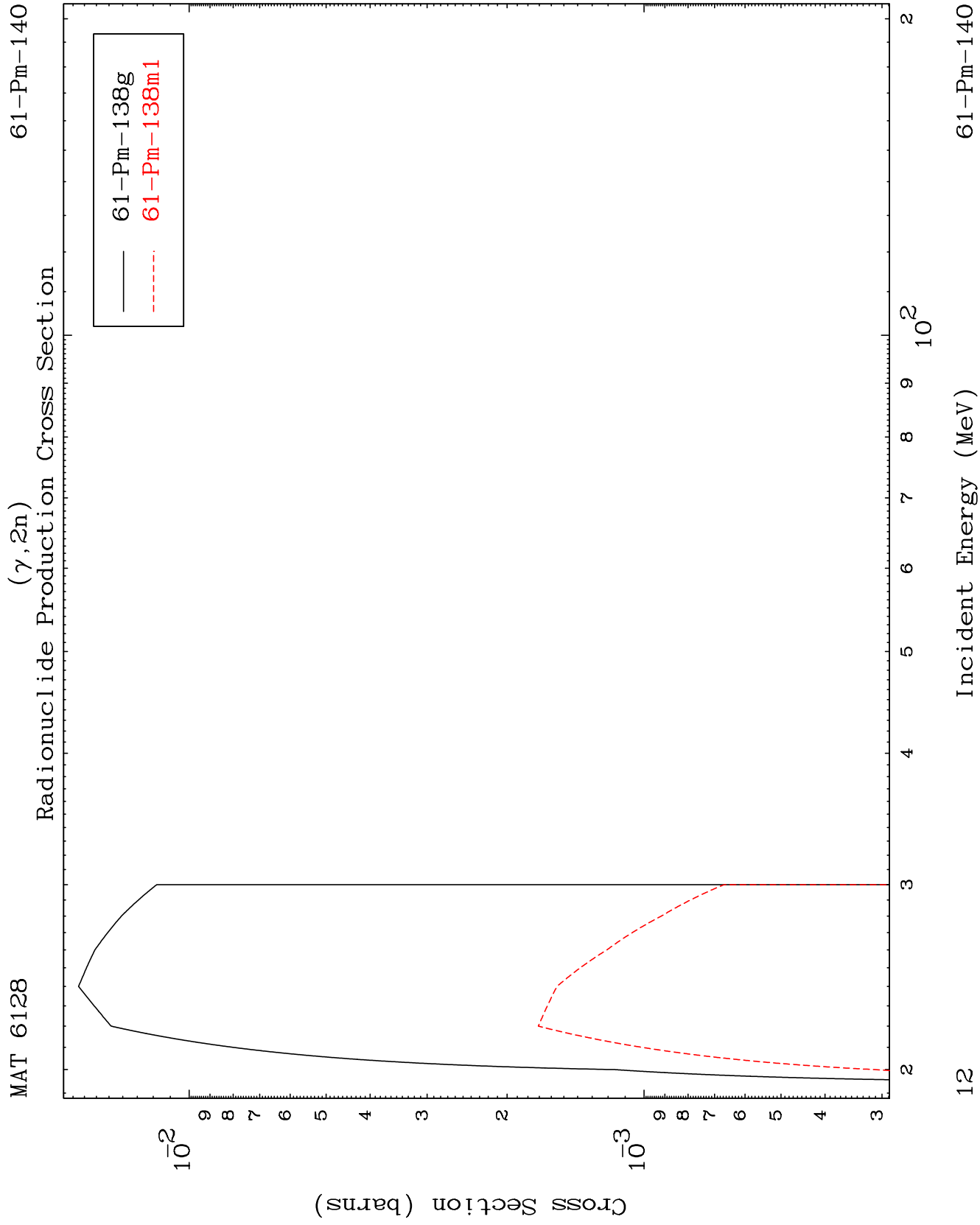
Photon Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

61-Pm-140

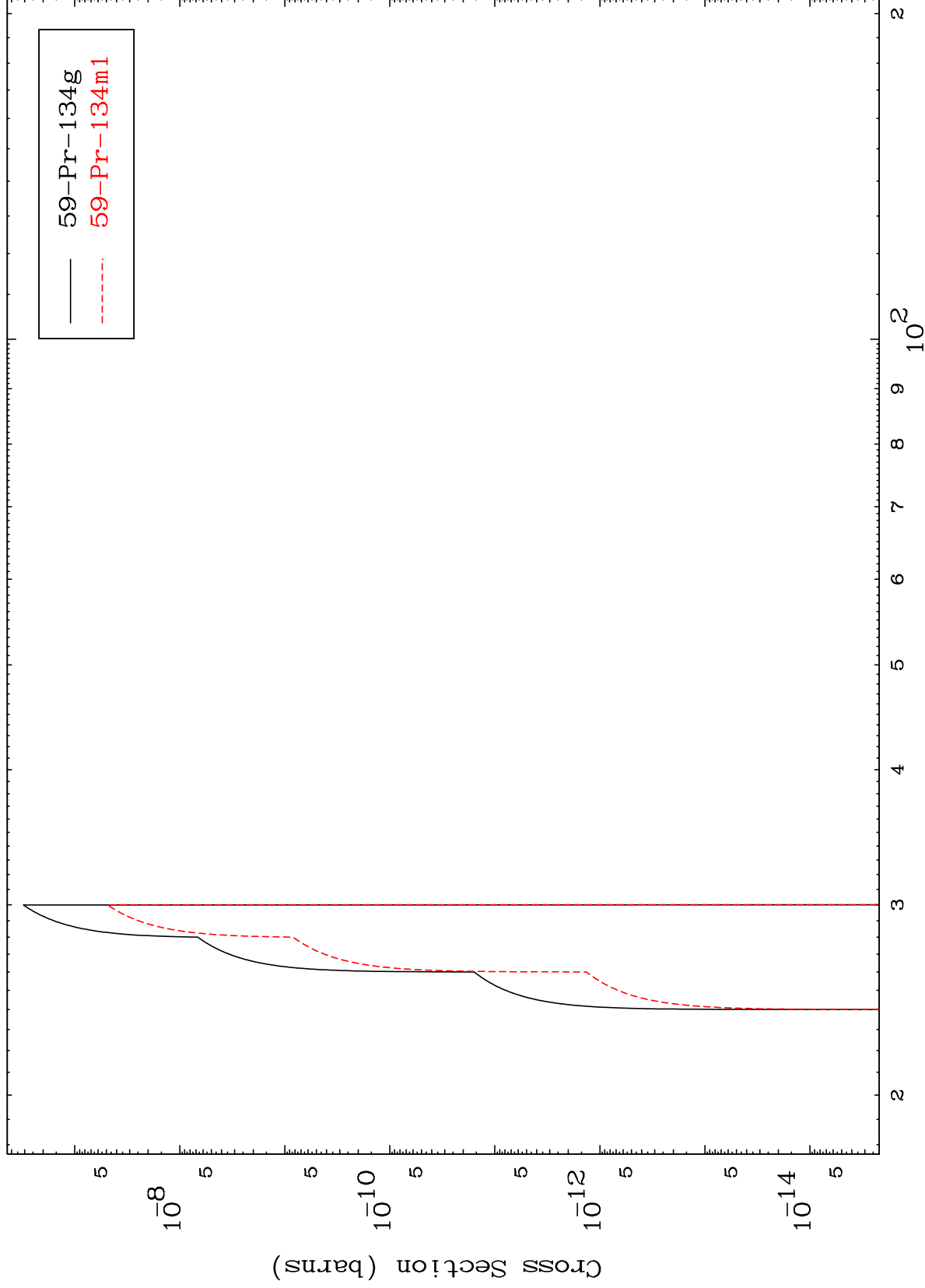


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$(\gamma, 2n) \alpha$

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

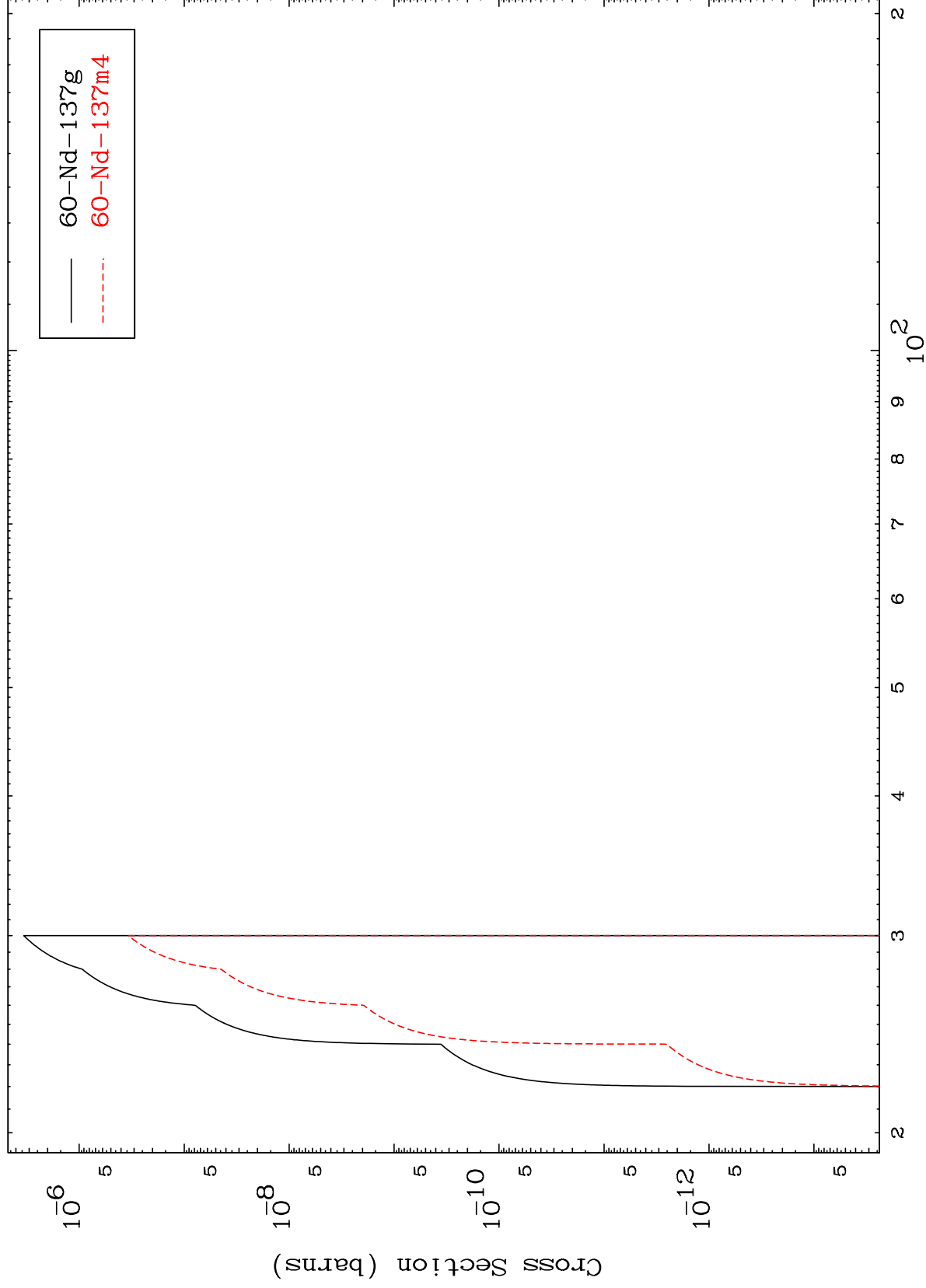
61-Pm-140

MAT 6128

(γ, n') d

Radionuclide Production Cross Section

61-Pm-140



14

Incident Energy (MeV)

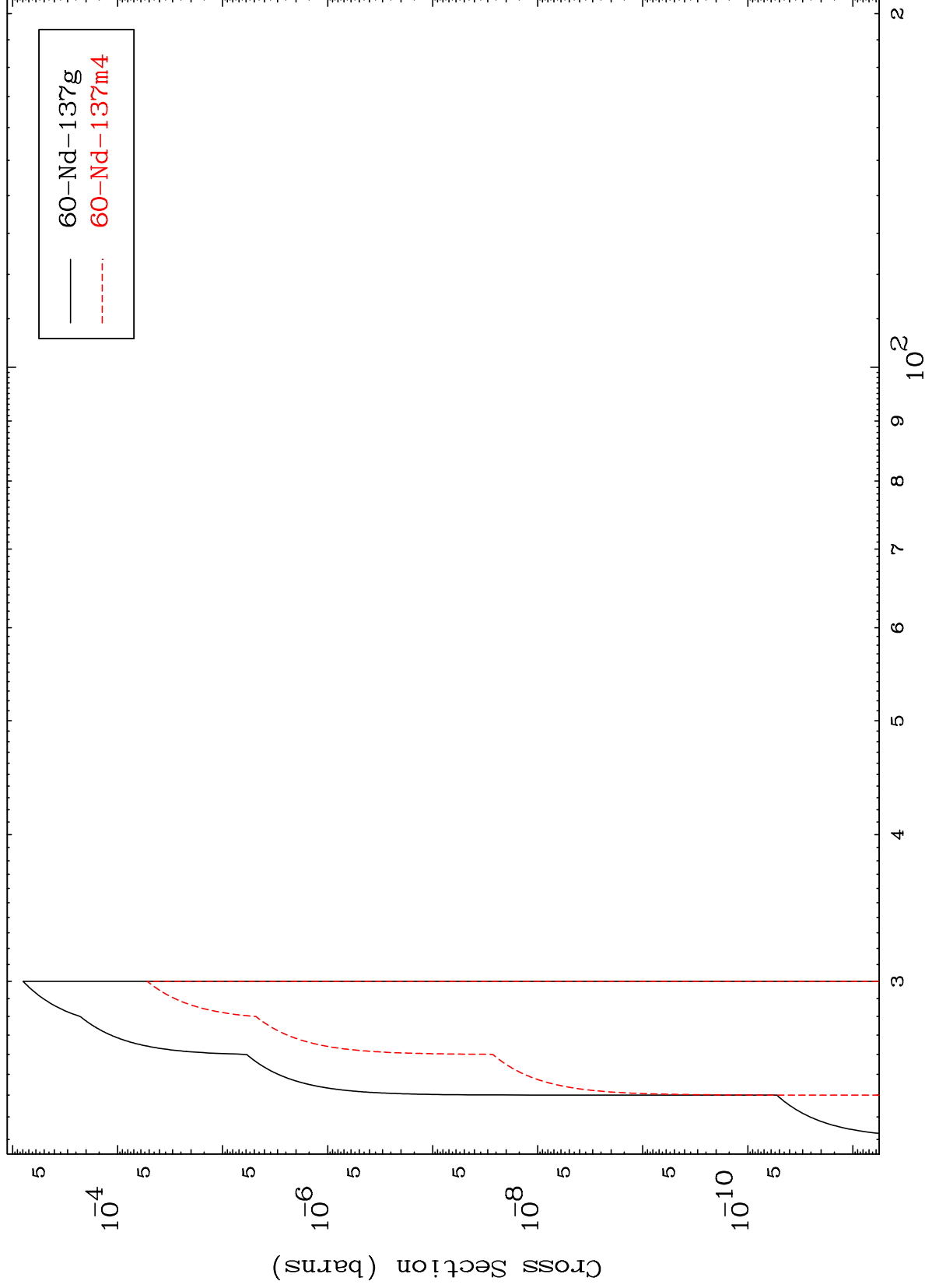
61-Pm-140

MAT 6128

$(\gamma, 2n)$ p

61-Pm-140

Radionuclide Production Cross Section



15

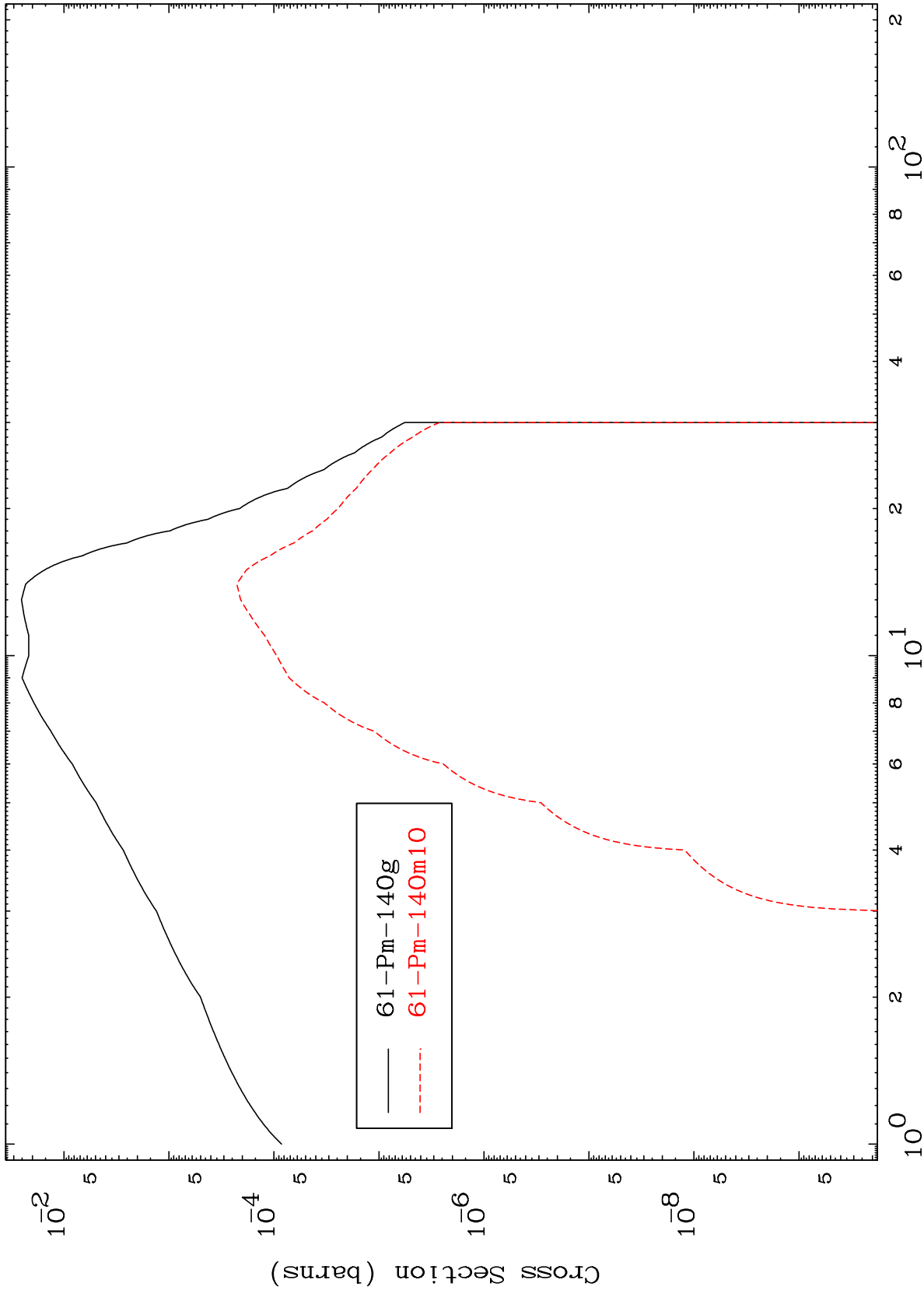
Incident Energy (MeV)

61-Pm-140

MAT 6128

61-Pm-140

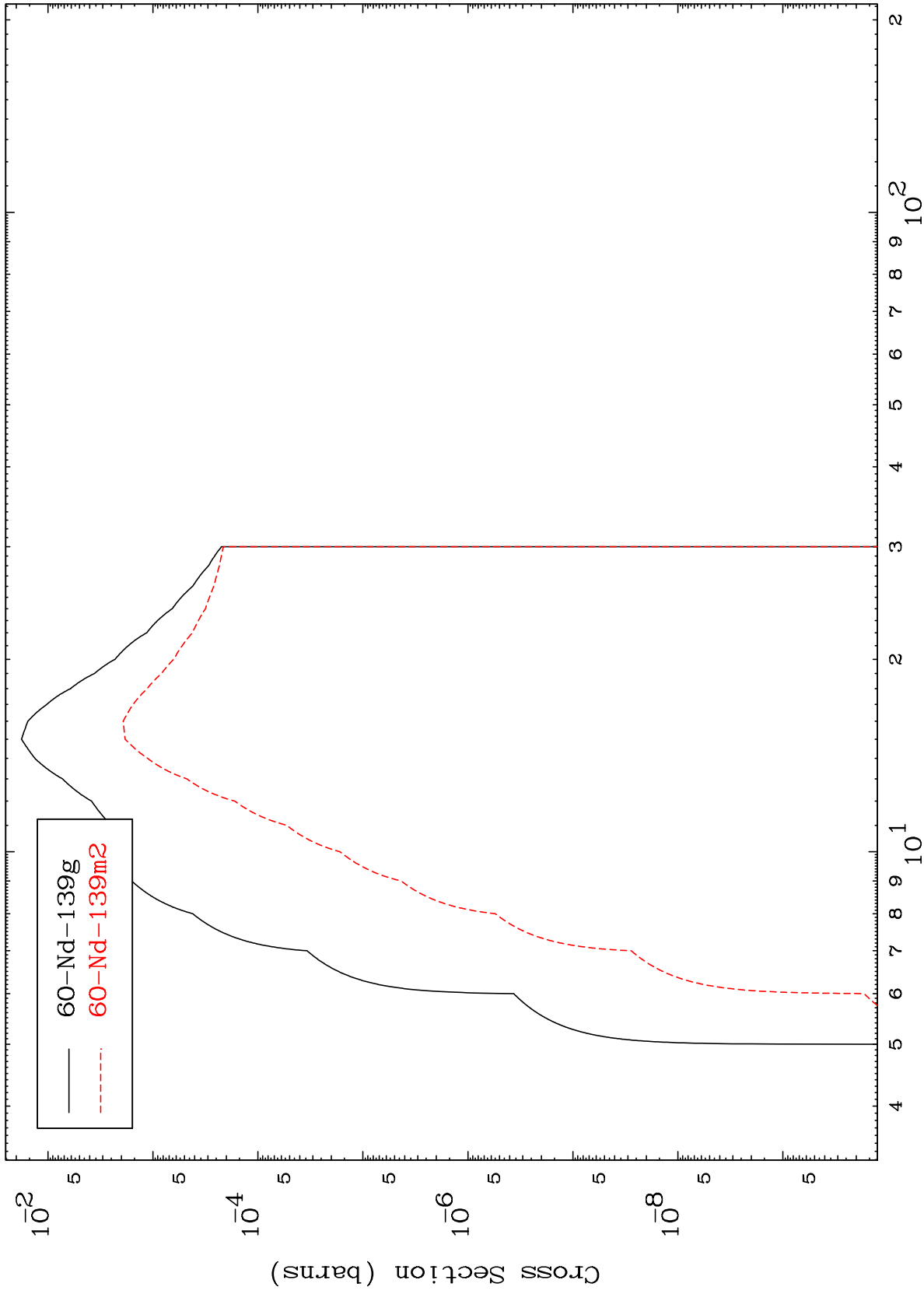
Radionuclide Production Cross Section
(γ, γ)



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61-Pm-140

Radionuclide Production Cross Section
(γ, p)



17

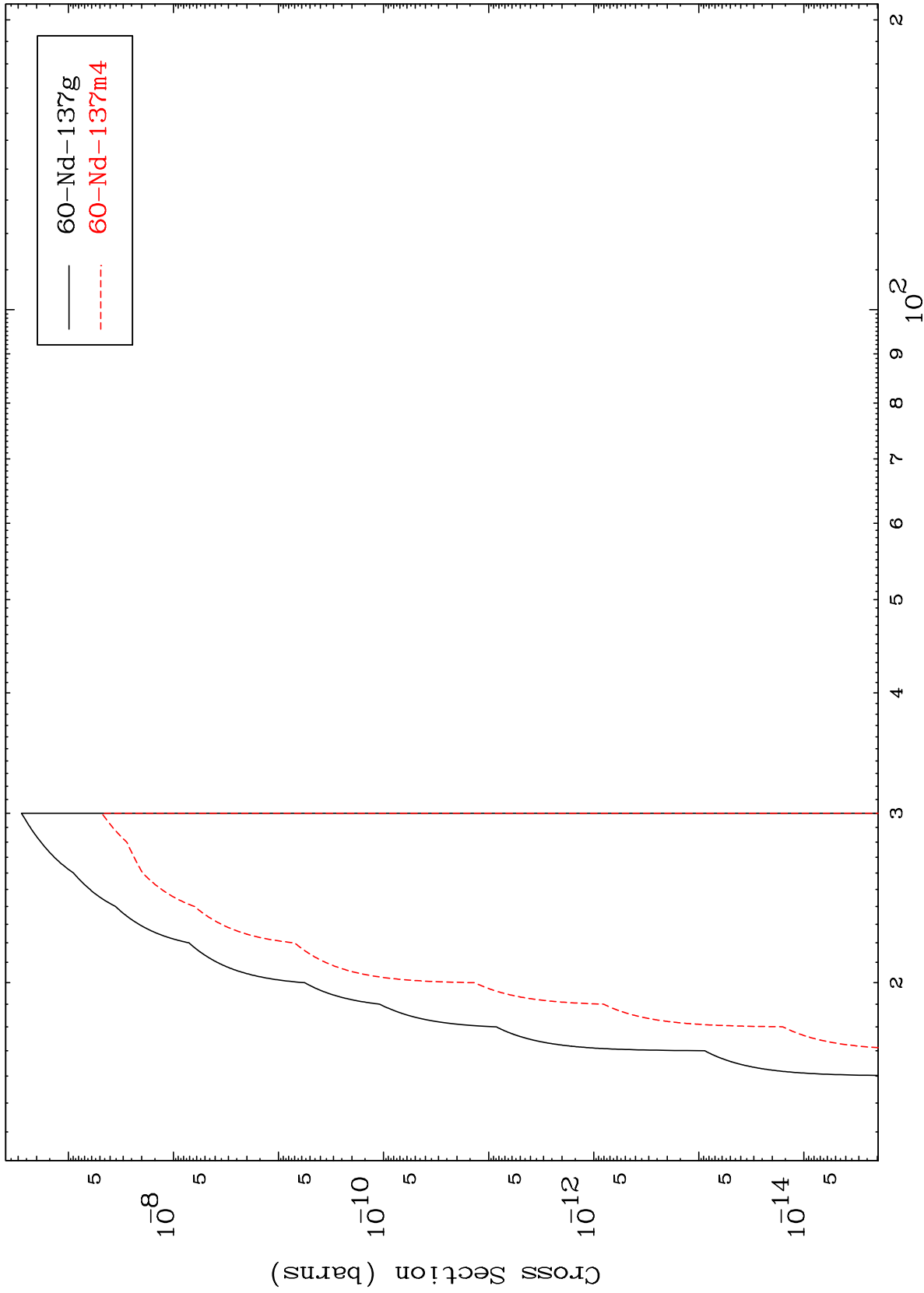
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(γ, t)
Radionuclide Production Cross Section



18

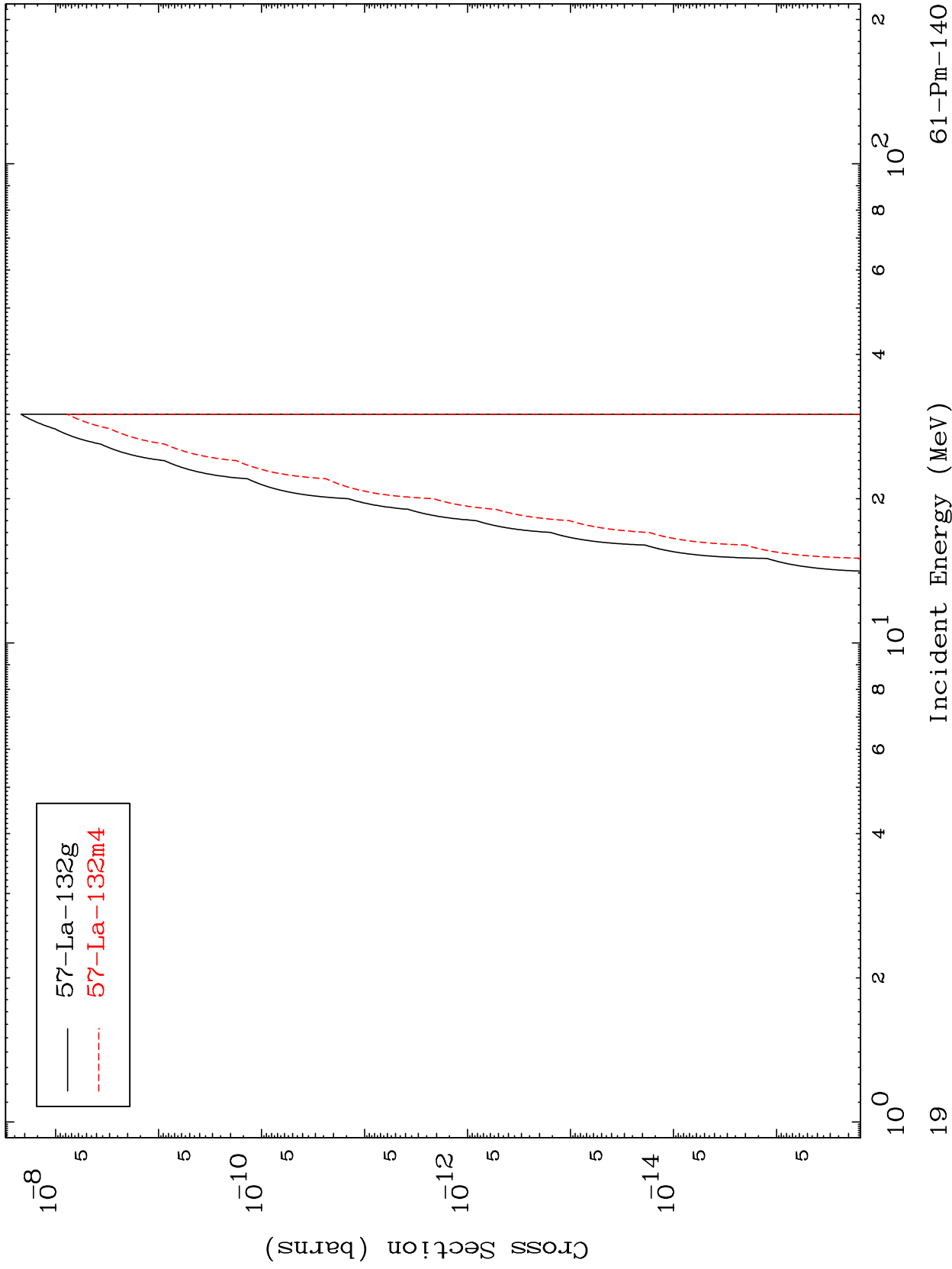
Incident Energy (MeV)

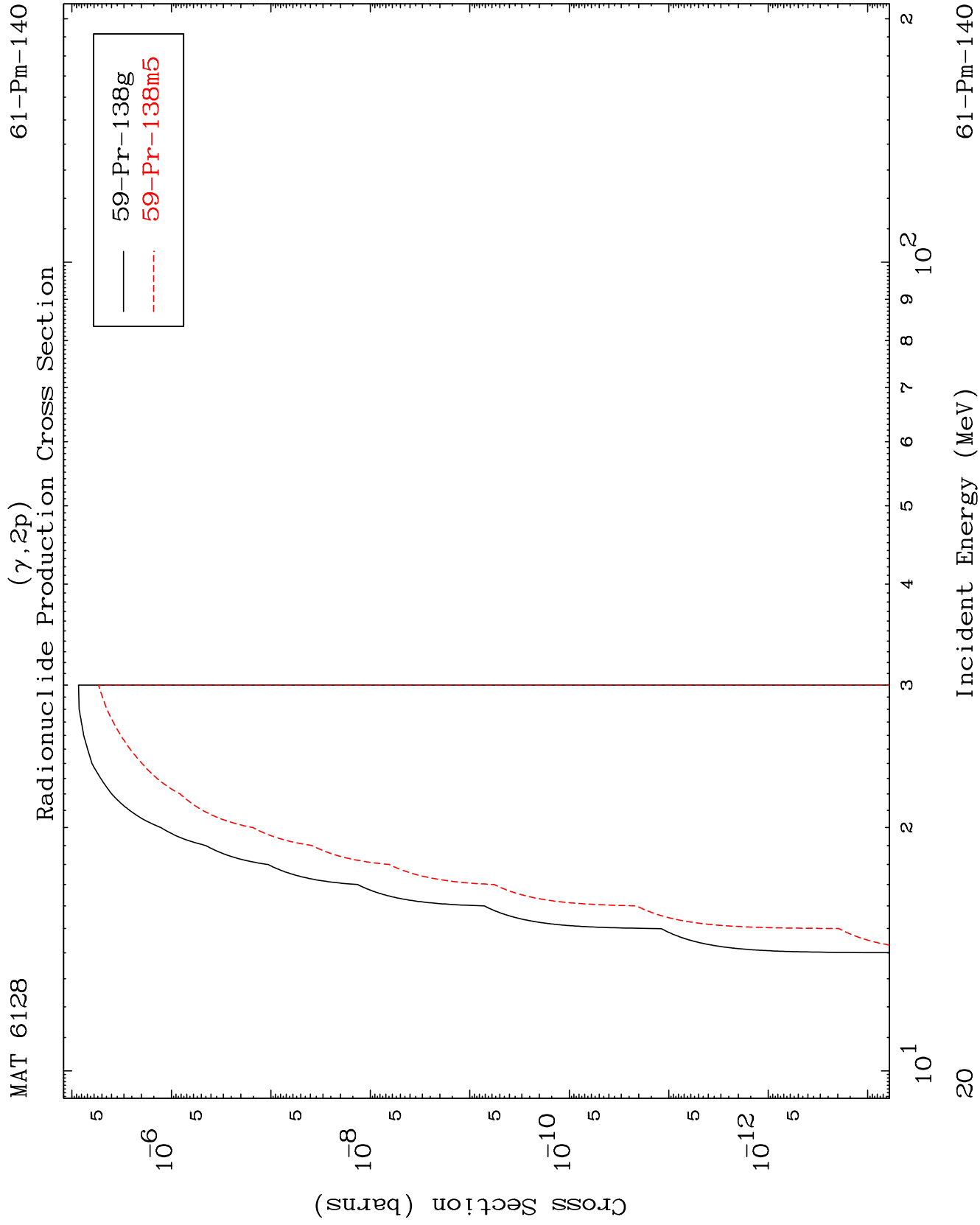
61-Pm-140

MAT 6128

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

61-Pm-140



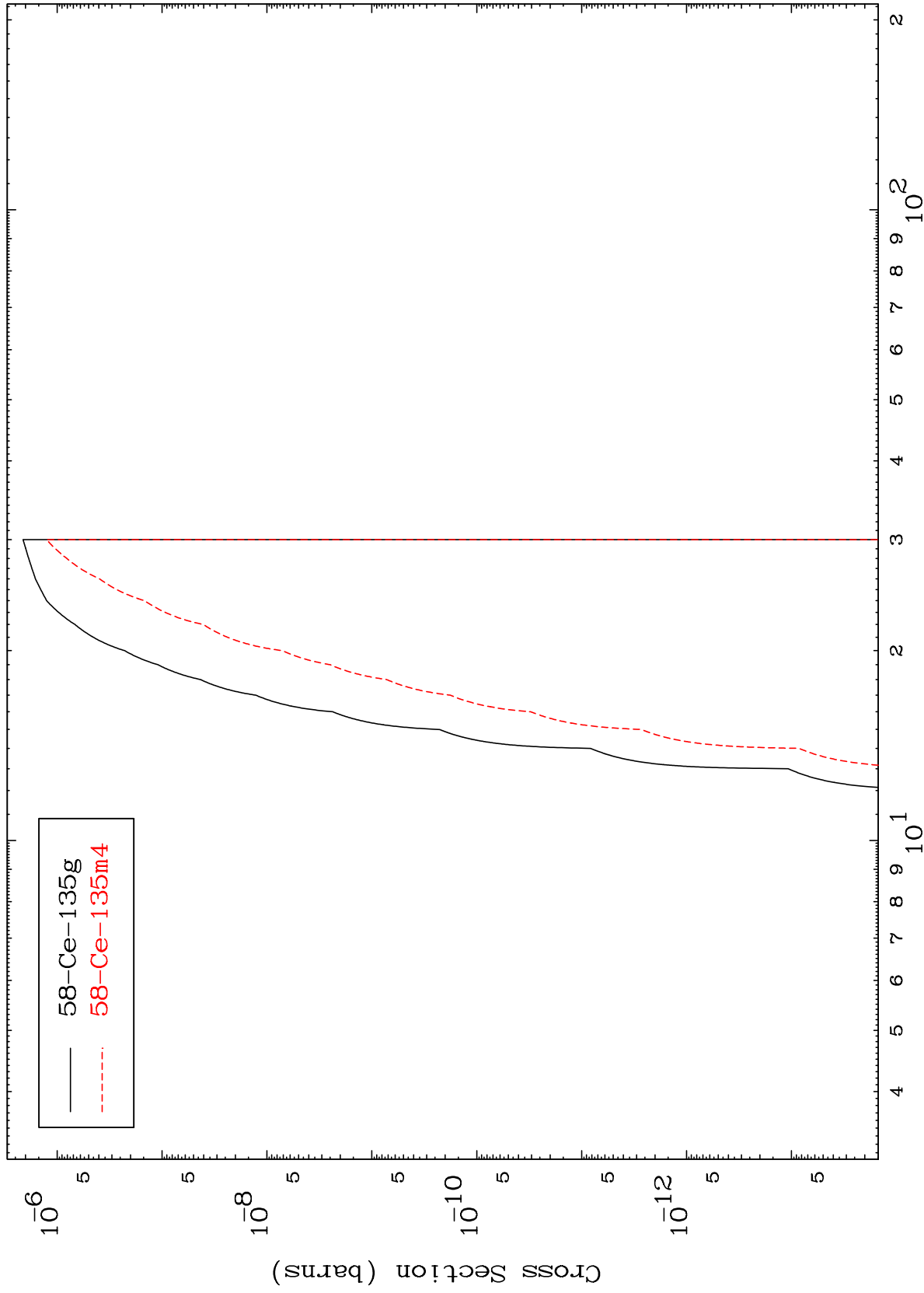


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$(\gamma, p) \alpha$

61-Pm-140

Radionuclide Production Cross Section



21

Incident Energy (MeV)

61-Pm-140