

Program EVALPLOT
(Version 2018-1)

by

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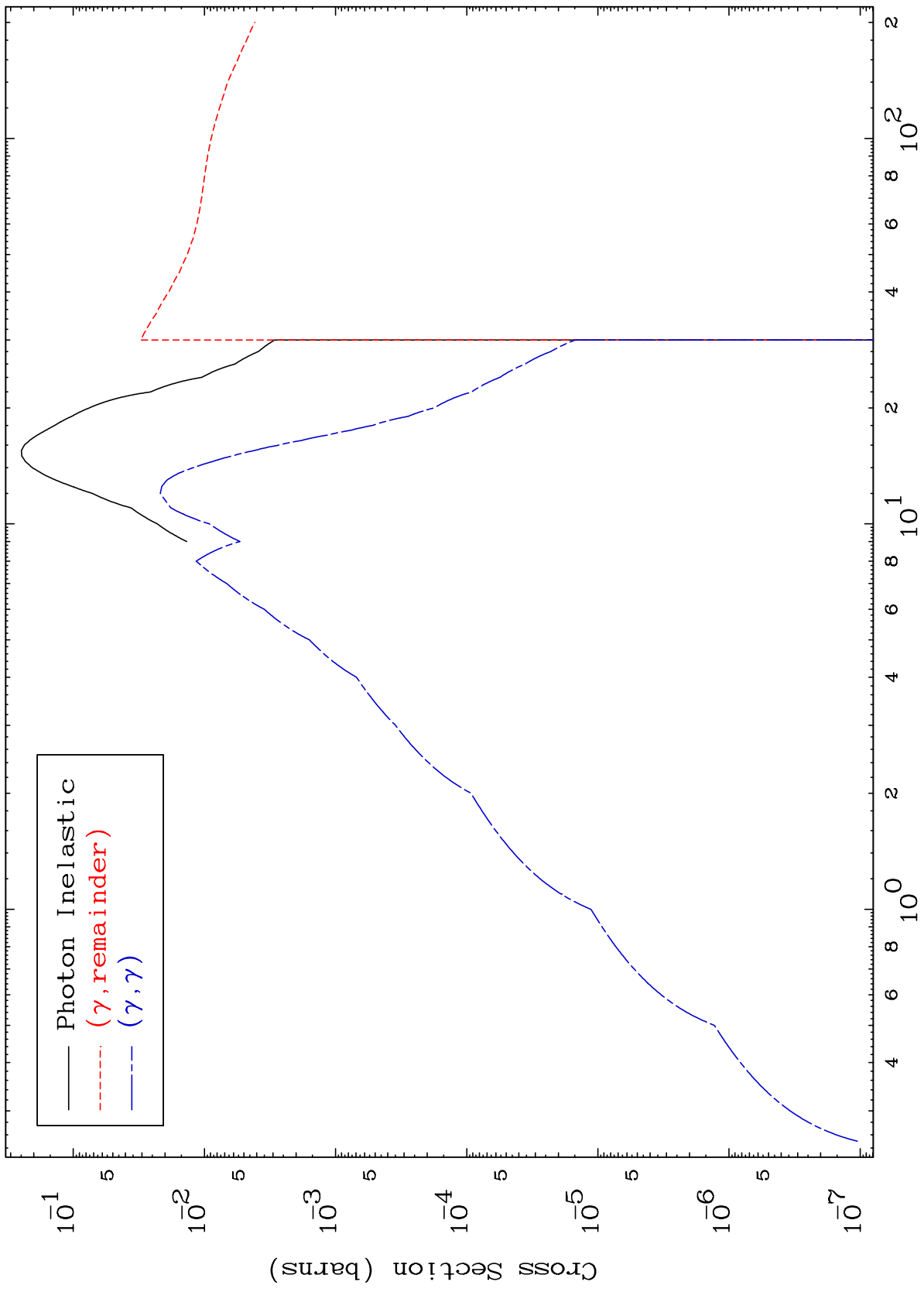
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

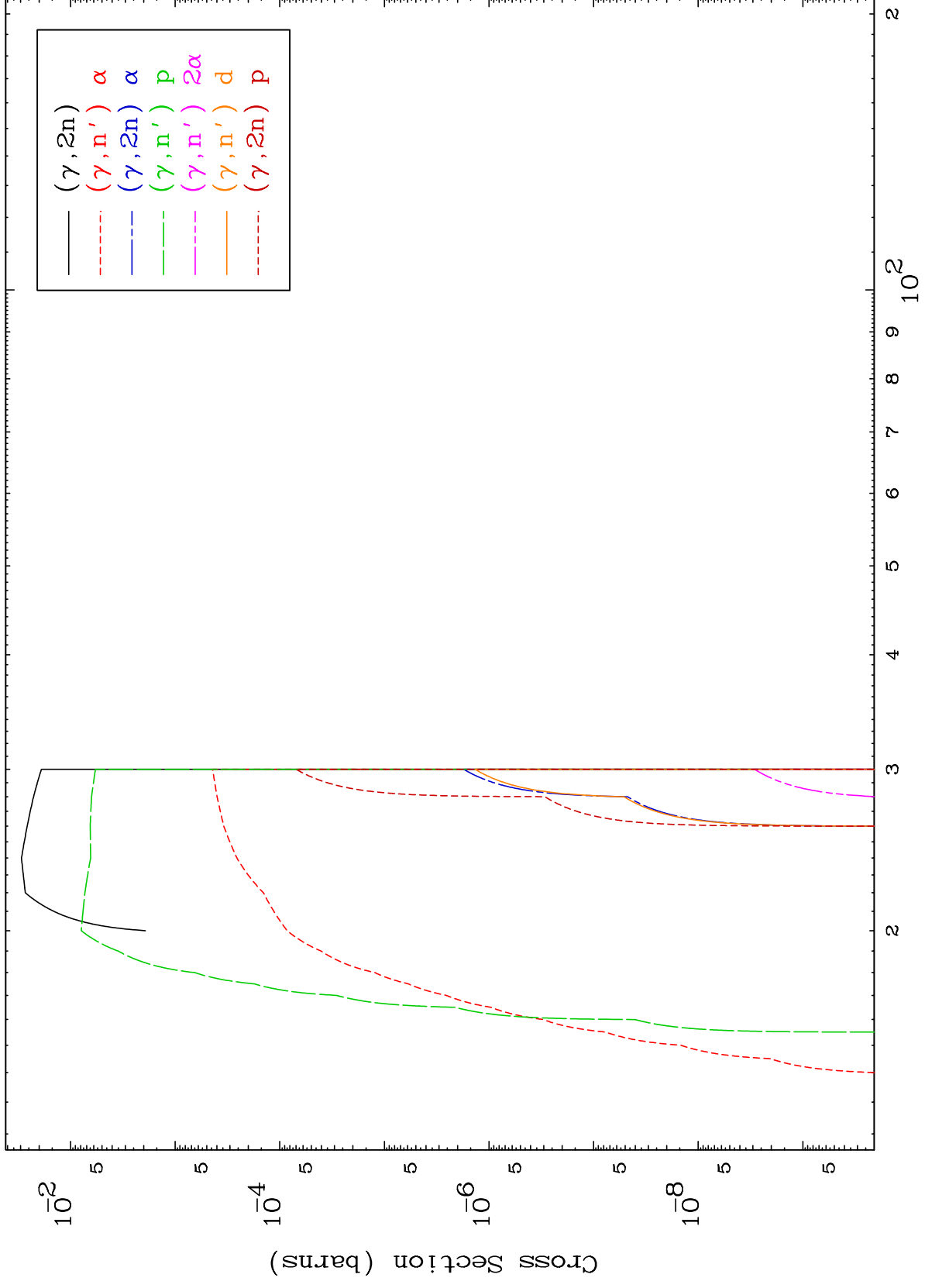
MAT 6010

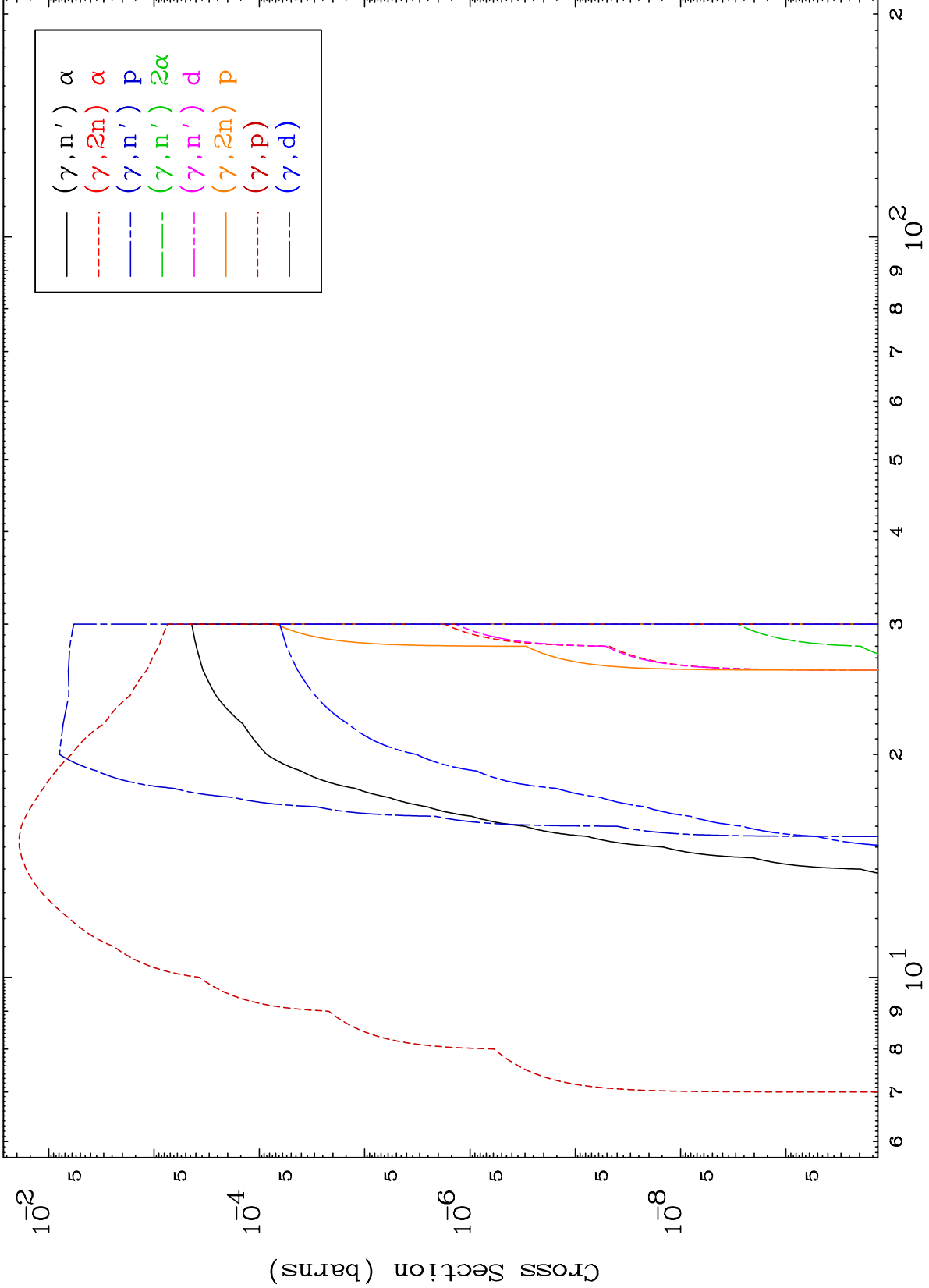
Photon Major
0 Kelvin Cross Sections

60-Nd-137



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

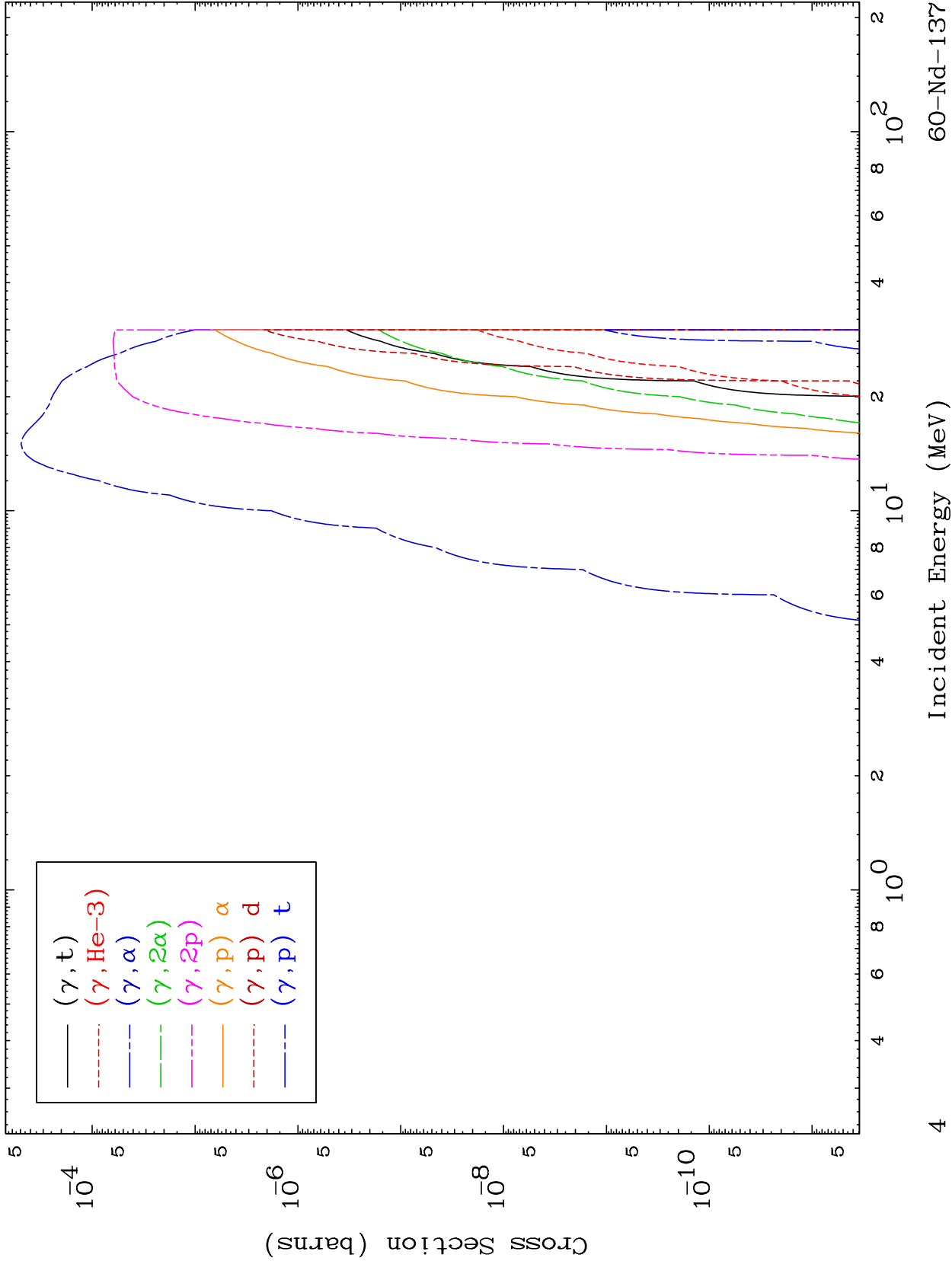




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Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-137

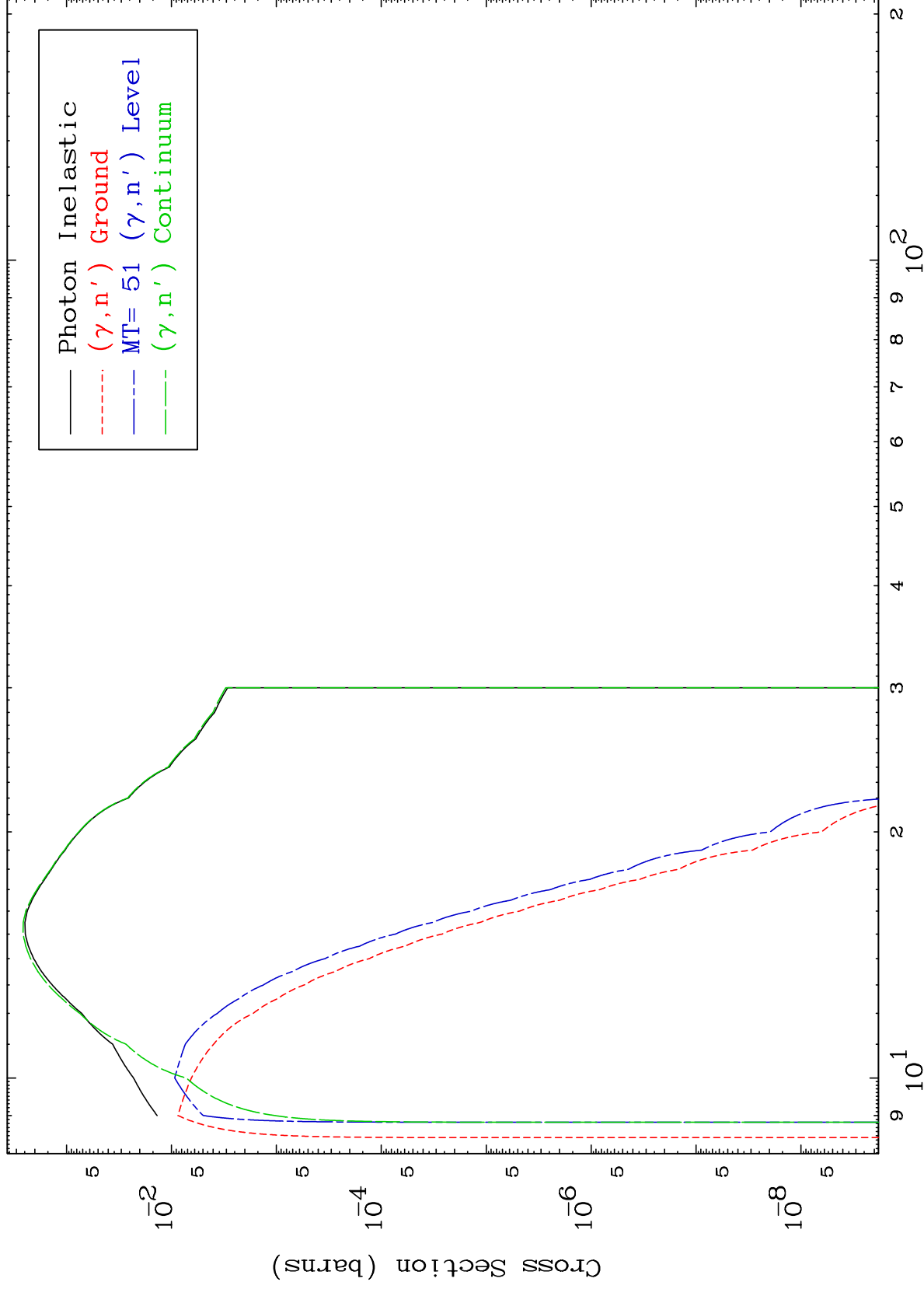


MAT 6010

(γ, n') Level

60-Nd-137

0 Kelvin Cross Sections



Incident Energy (MeV)

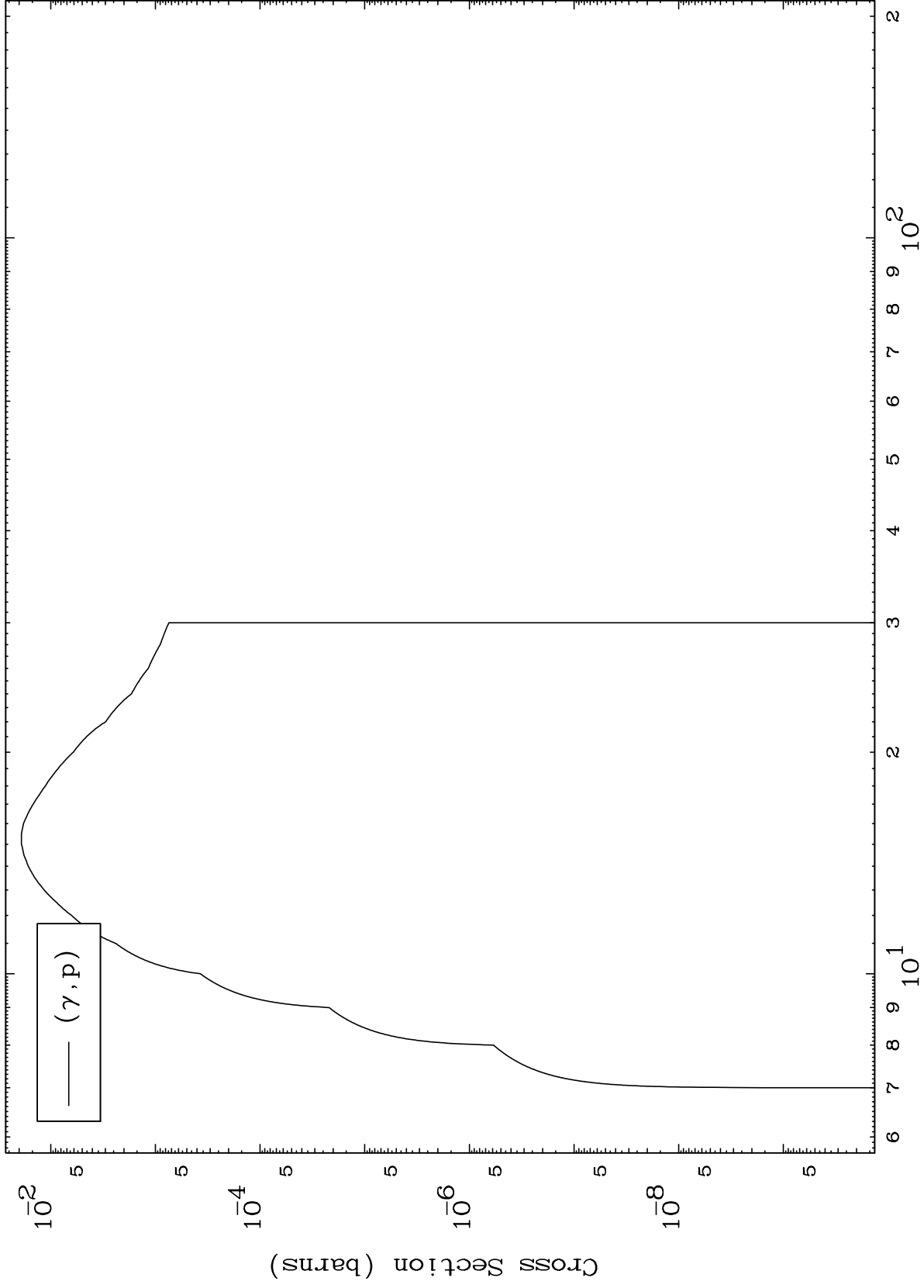
60-Nd-137

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MAT 6010

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-137



6

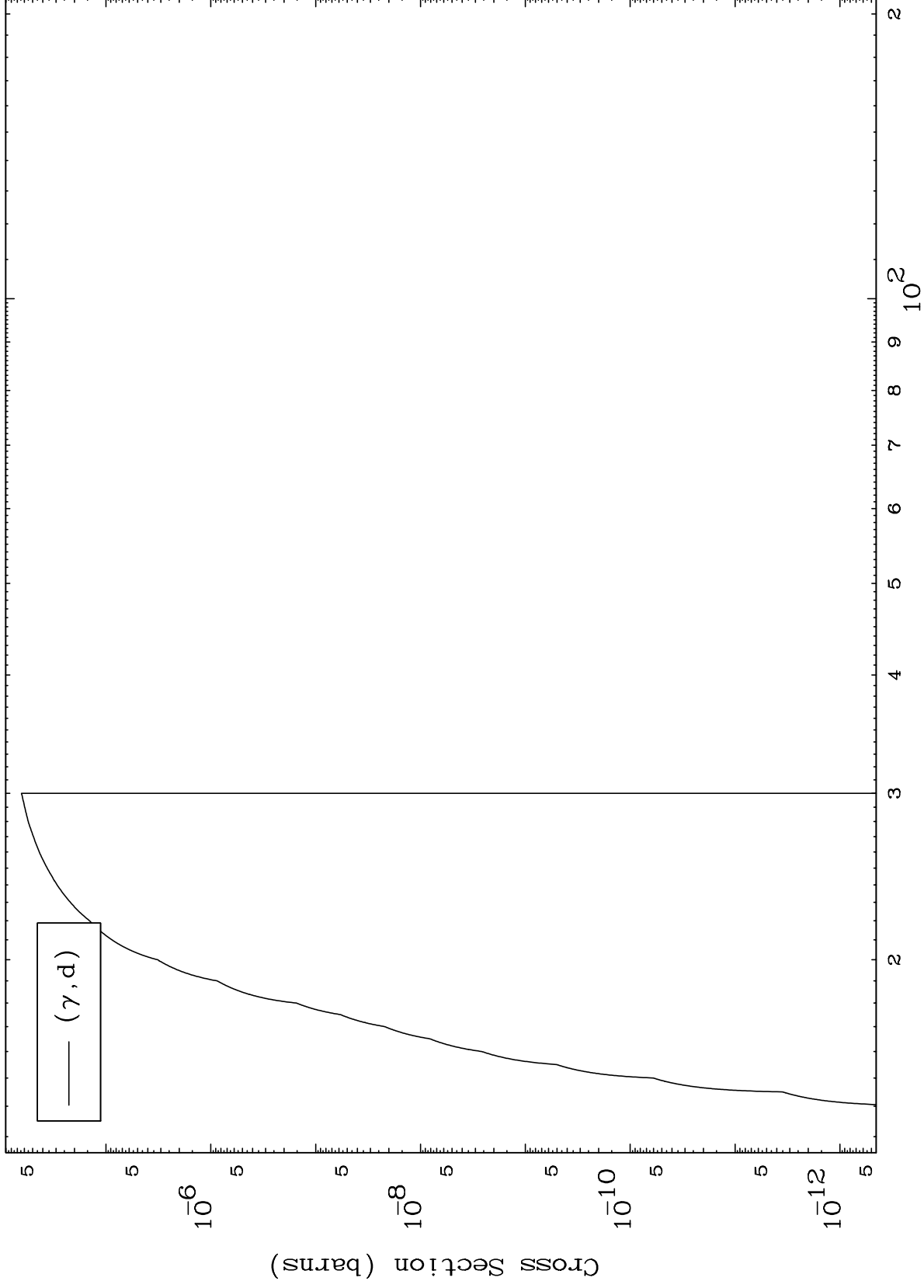
Incident Energy (MeV)

60-Nd-137

MAT 6010

(γ, d) Levels
0 Kelvin Cross Sections

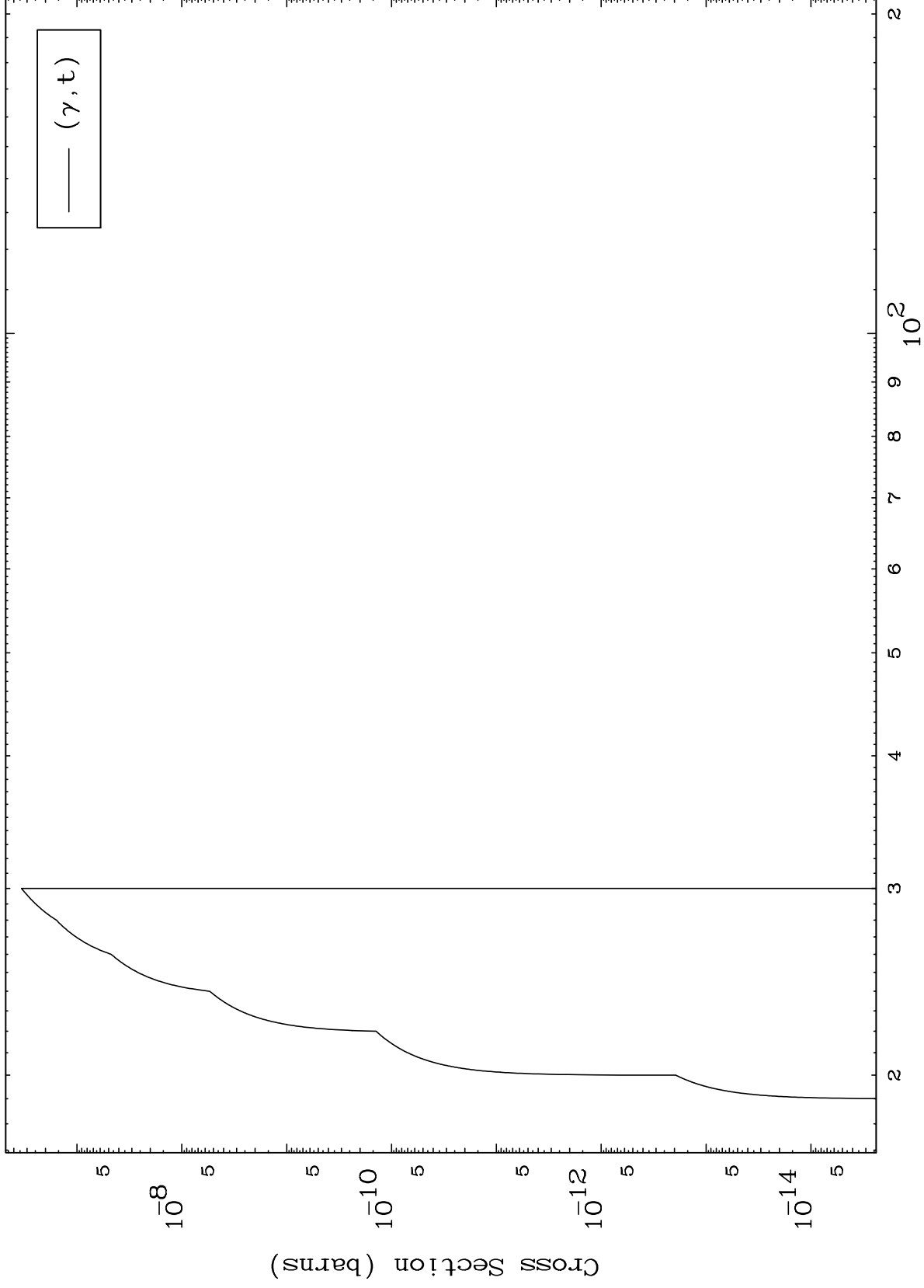
60-Nd-137



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(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-137



8

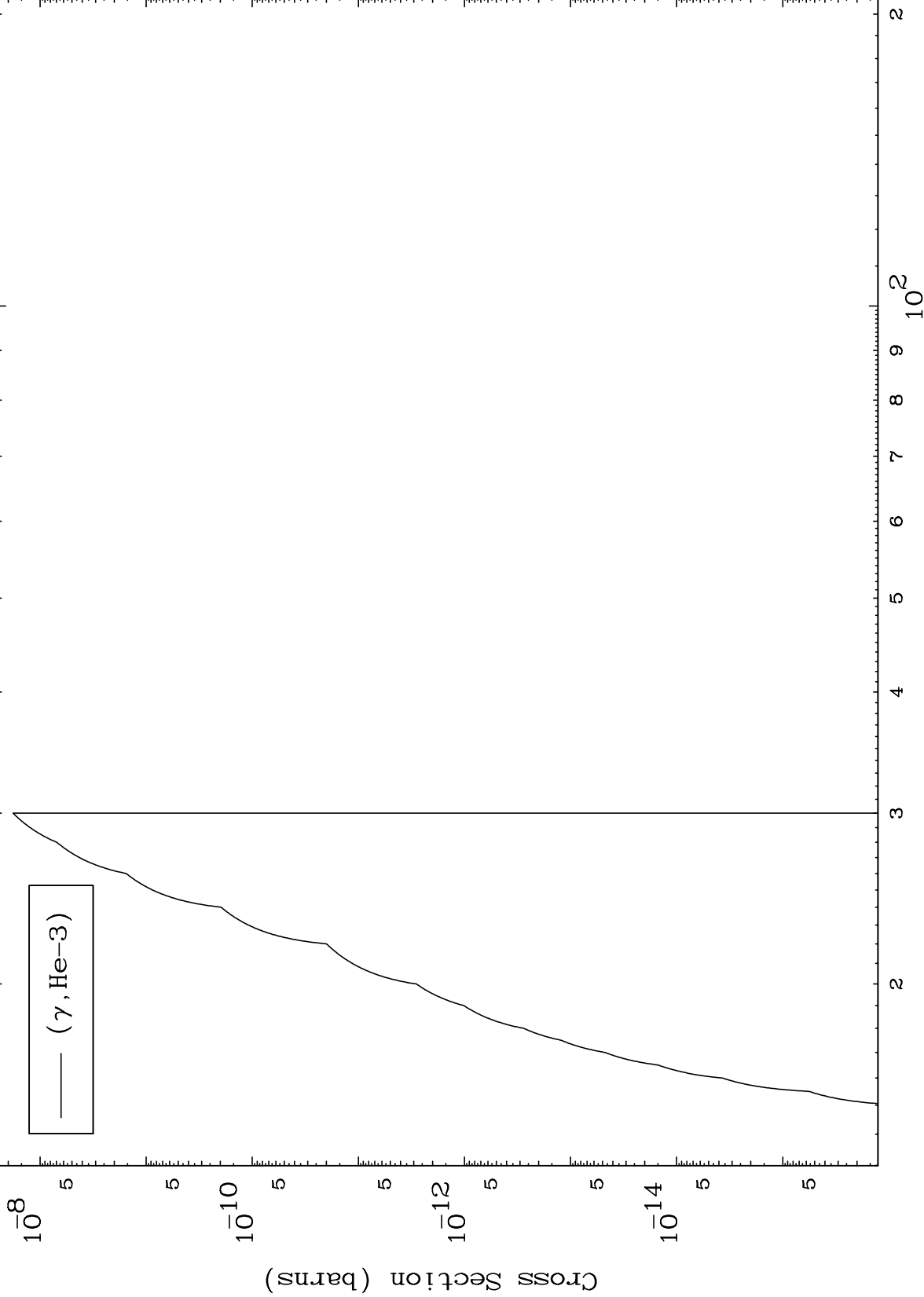
Incident Energy (MeV)

60-Nd-137

MAT 6010

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

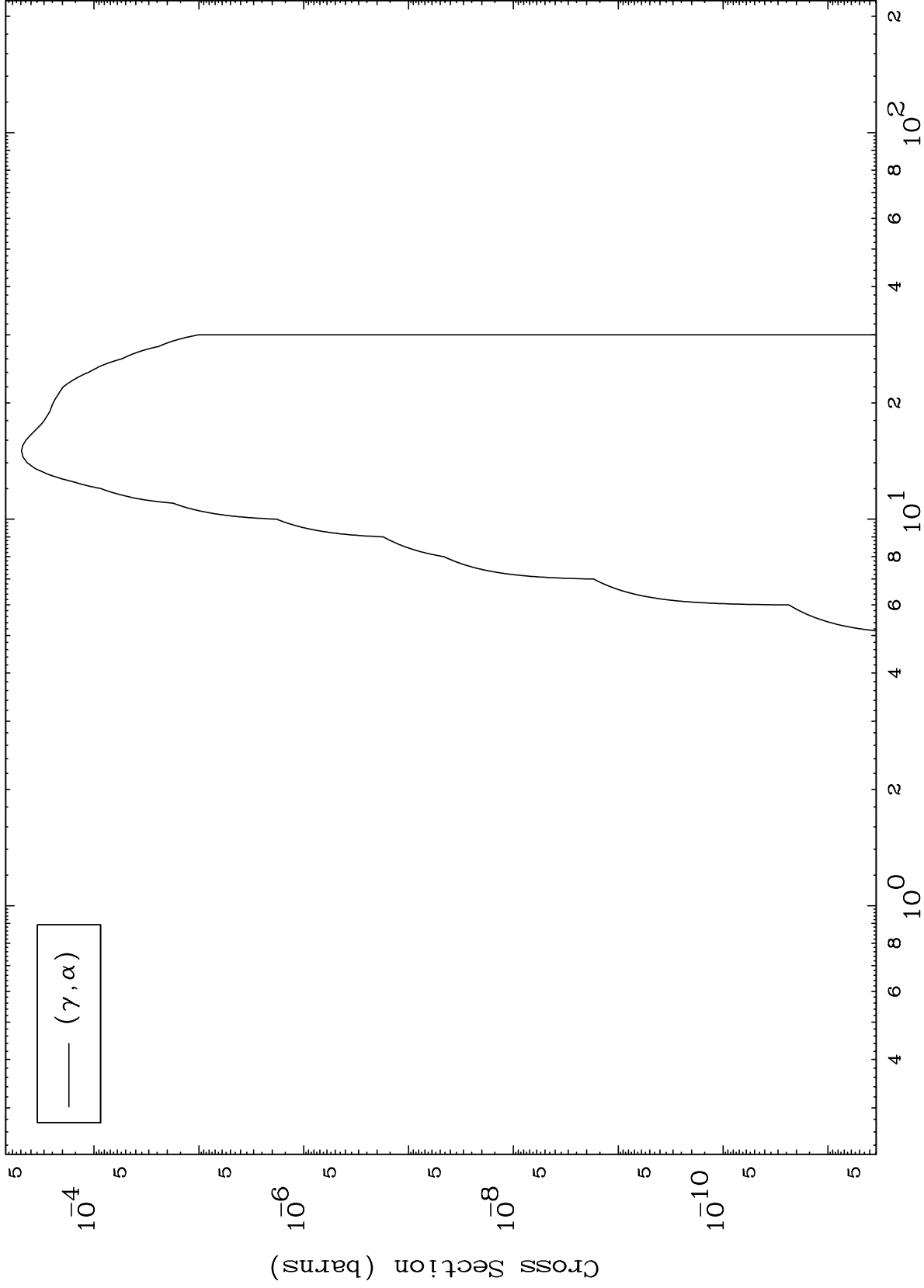
60-Nd-137



MAT 6010

(γ, α) Levels
0 Kelvin Cross Sections

60-Nd-137



10

Incident Energy (MeV)

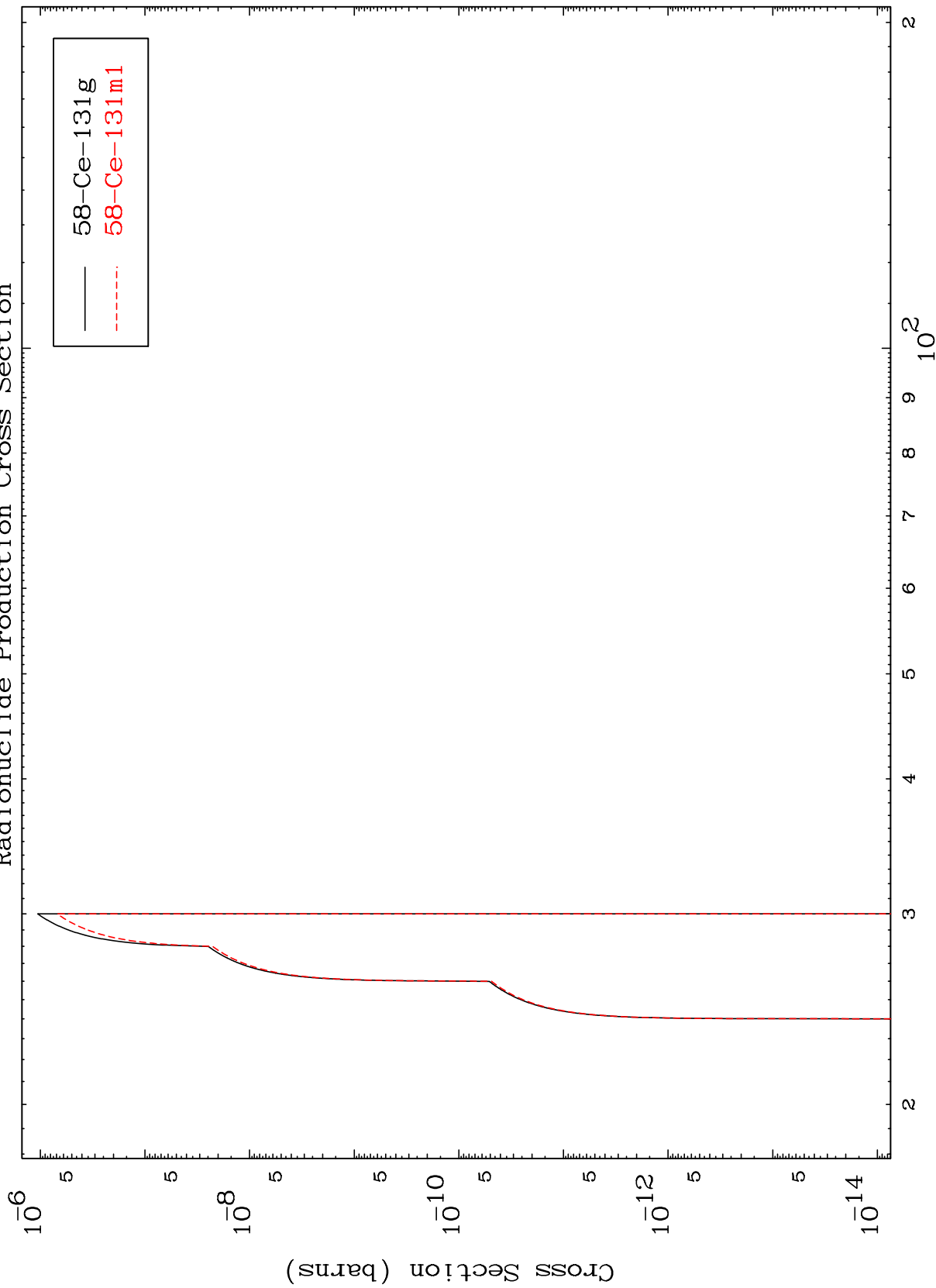
60-Nd-137

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$(\gamma, 2n) \alpha$

$^{60}\text{Nd-137}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

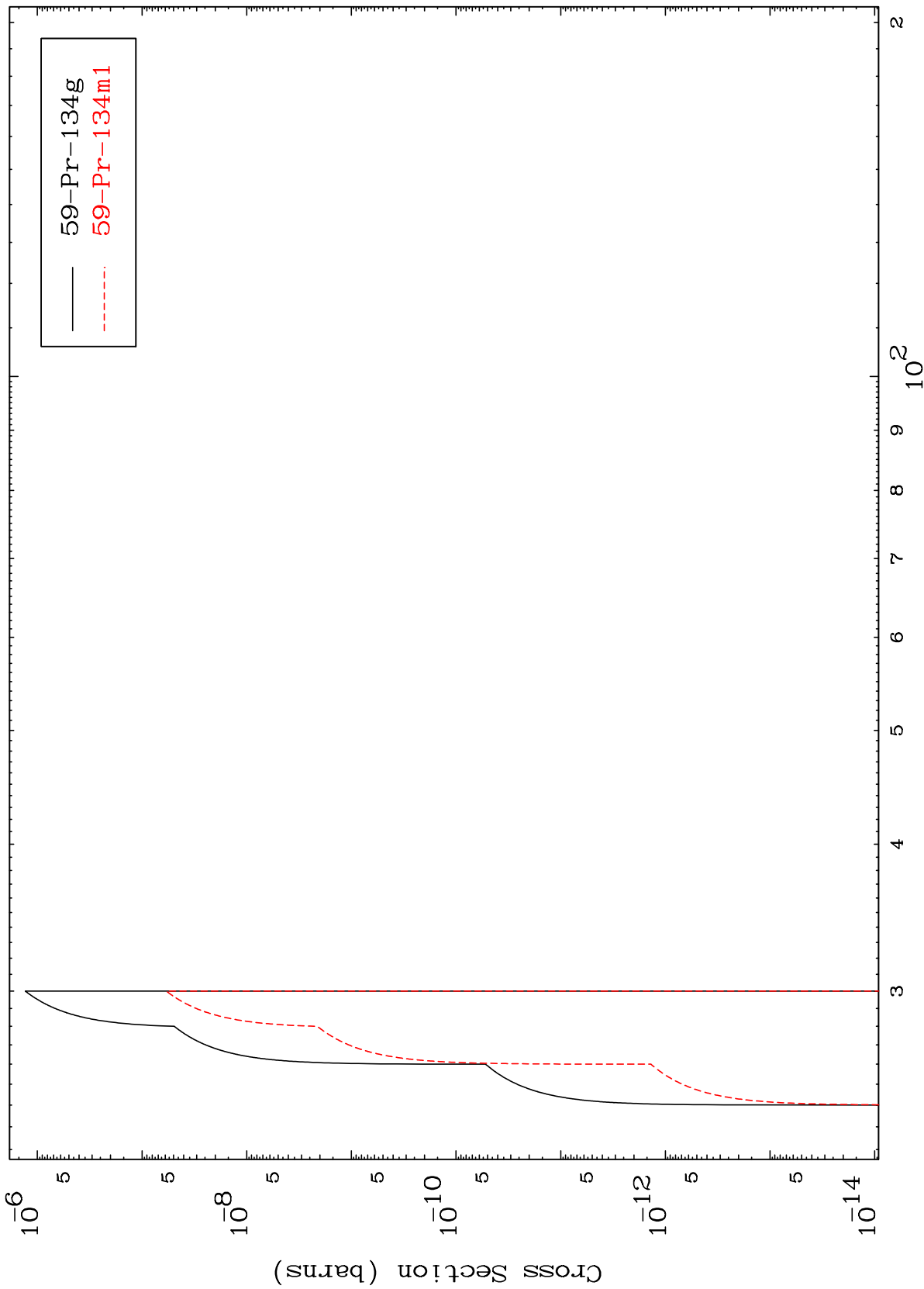
$^{60}\text{Nd-137}$

MAT 6010

(γ, n') d

60-Nd-137

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

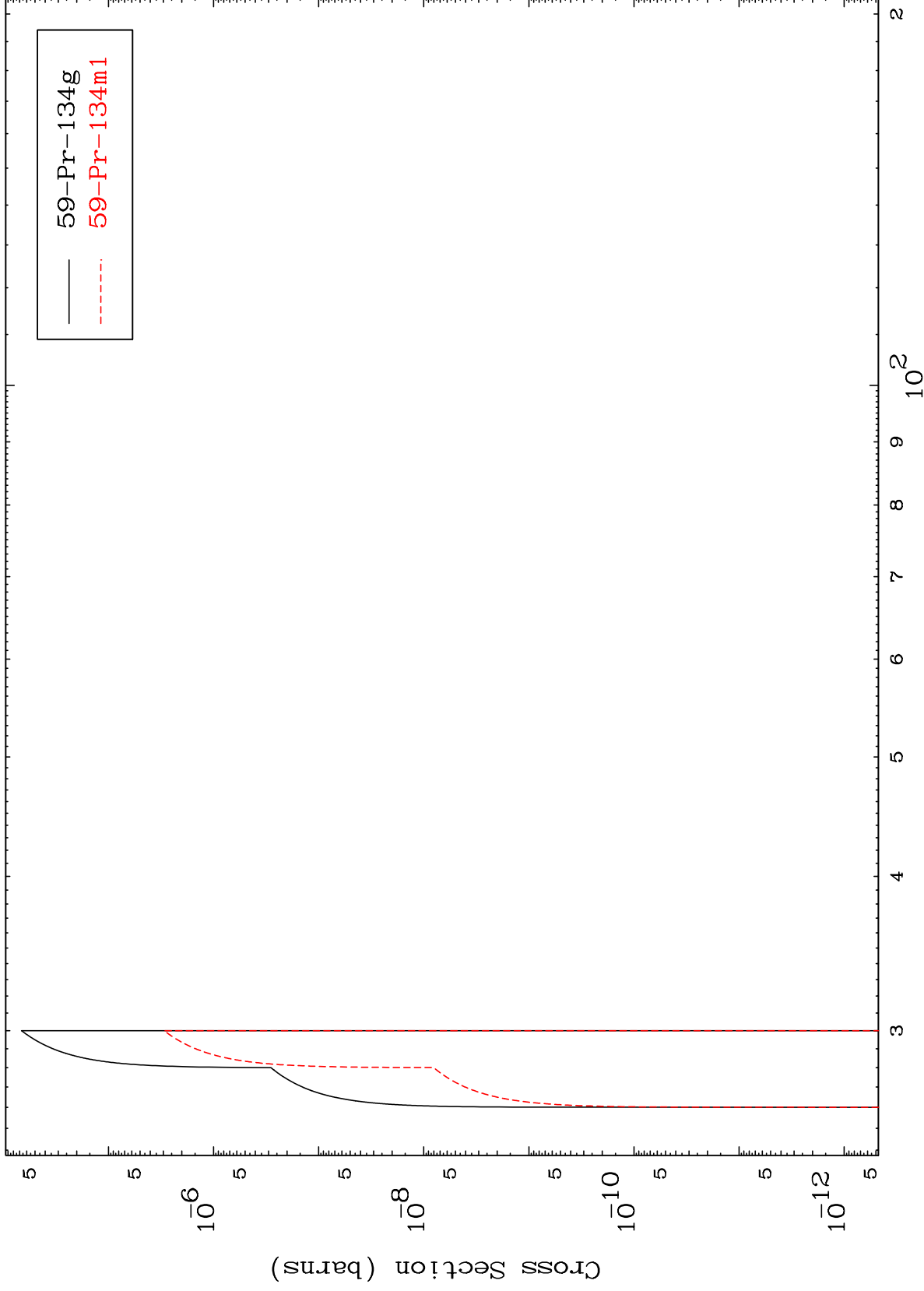
60-Nd-137

MAT 6010

$(\gamma, 2n)$ p

60-Nd-137

Radionuclide Production Cross Section



13

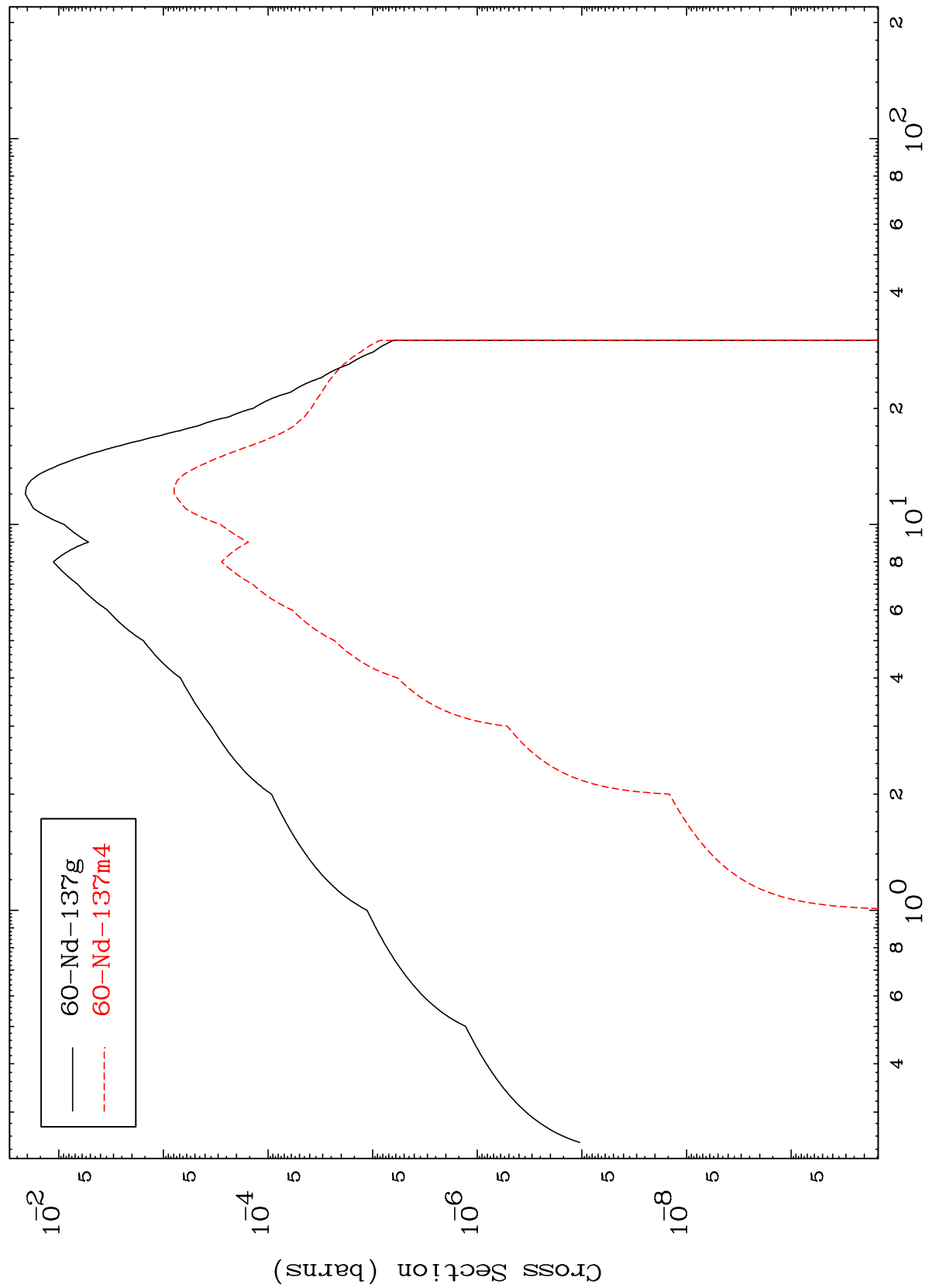
Incident Energy (MeV)

60-Nd-137

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60-Nd-137

(γ, γ)
Radionuclide Production Cross Section



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

60-Nd-137

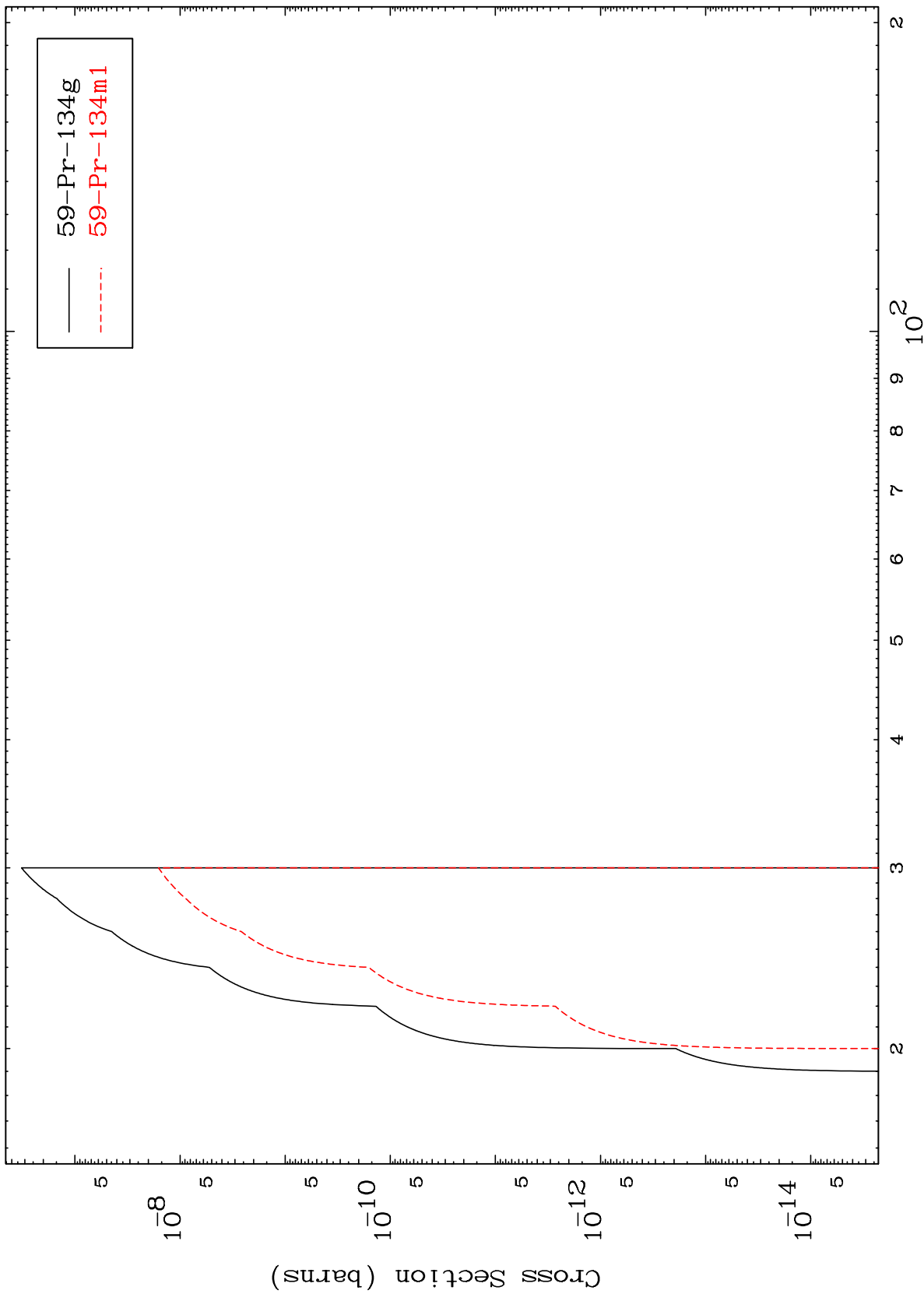
Incident Energy (MeV)

14

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60-Nd-137

(γ, t)
Radionuclide Production Cross Section



15

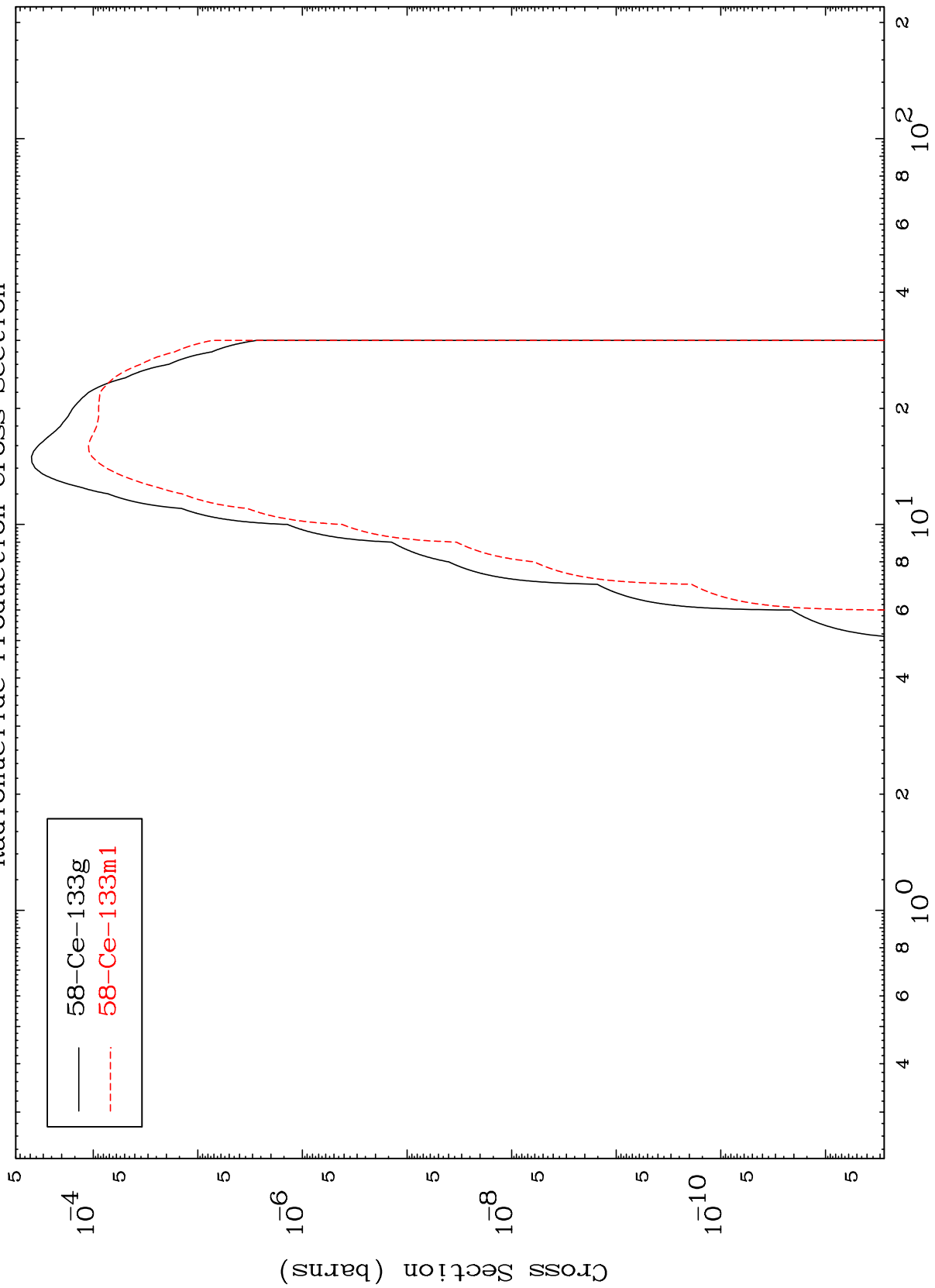
Incident Energy (MeV)

60-Nd-137

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60-Nd-137

(γ, α)
Radionuclide Production Cross Section



— 58-Ce-133g
- - - 58-Ce-133m1

60-Nd-137

Incident Energy (MeV)

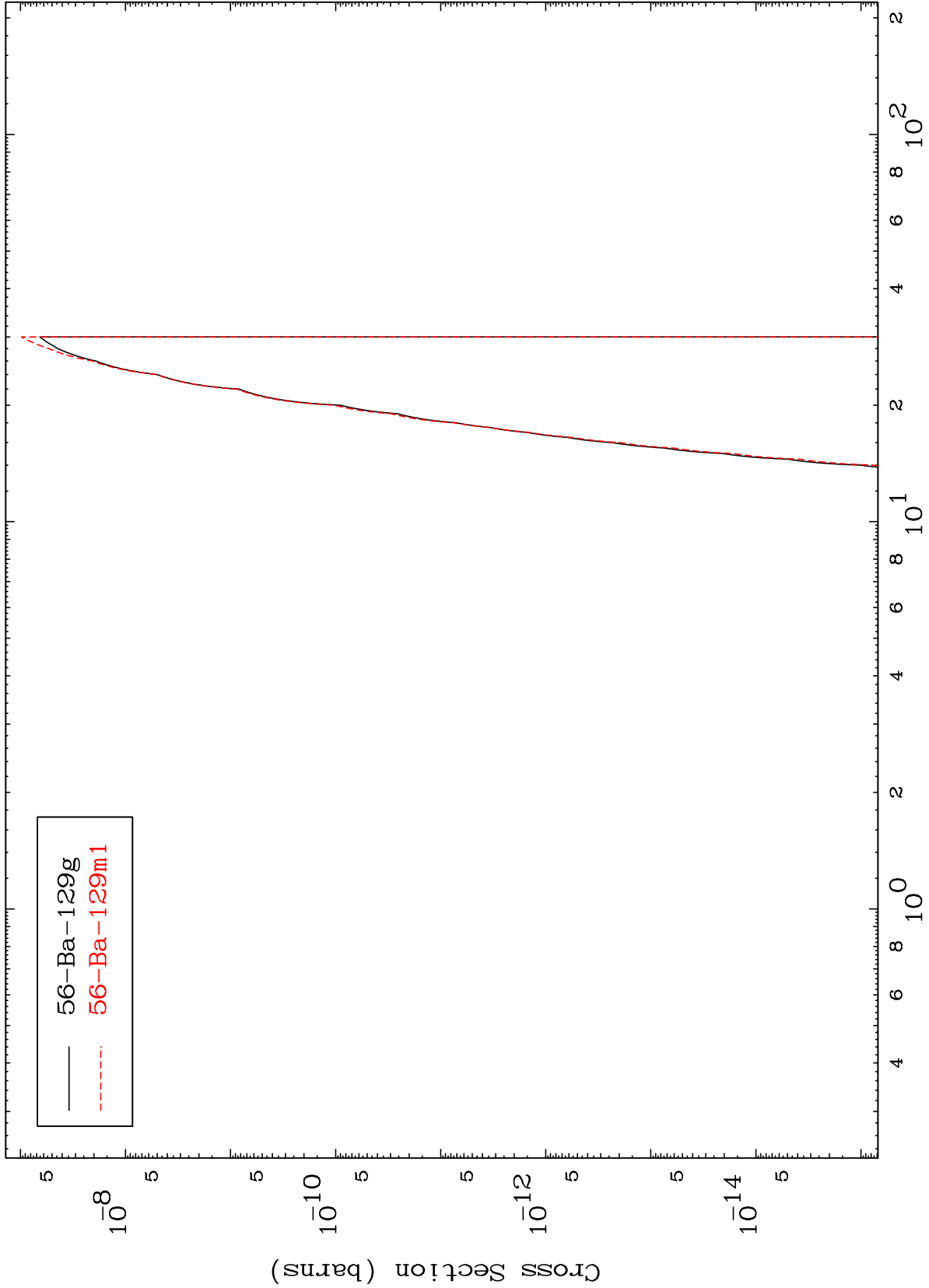
16

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($\gamma, 2\alpha$)

60-Nd-137

Radionuclide Production Cross Section

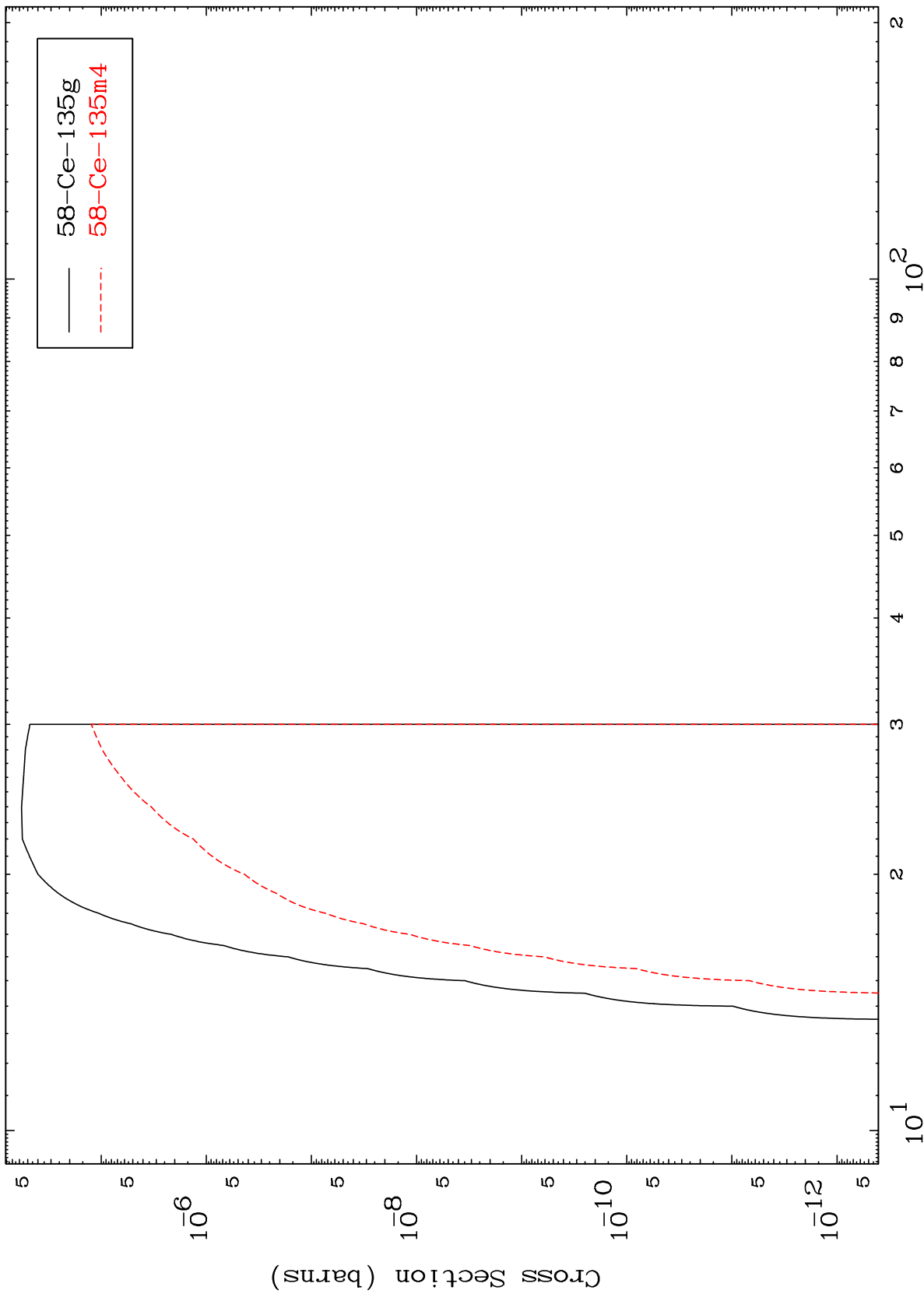


56-Ba-129g
56-Ba-129m1

MAT 6010

60-Nd-137

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



60-Nd-137

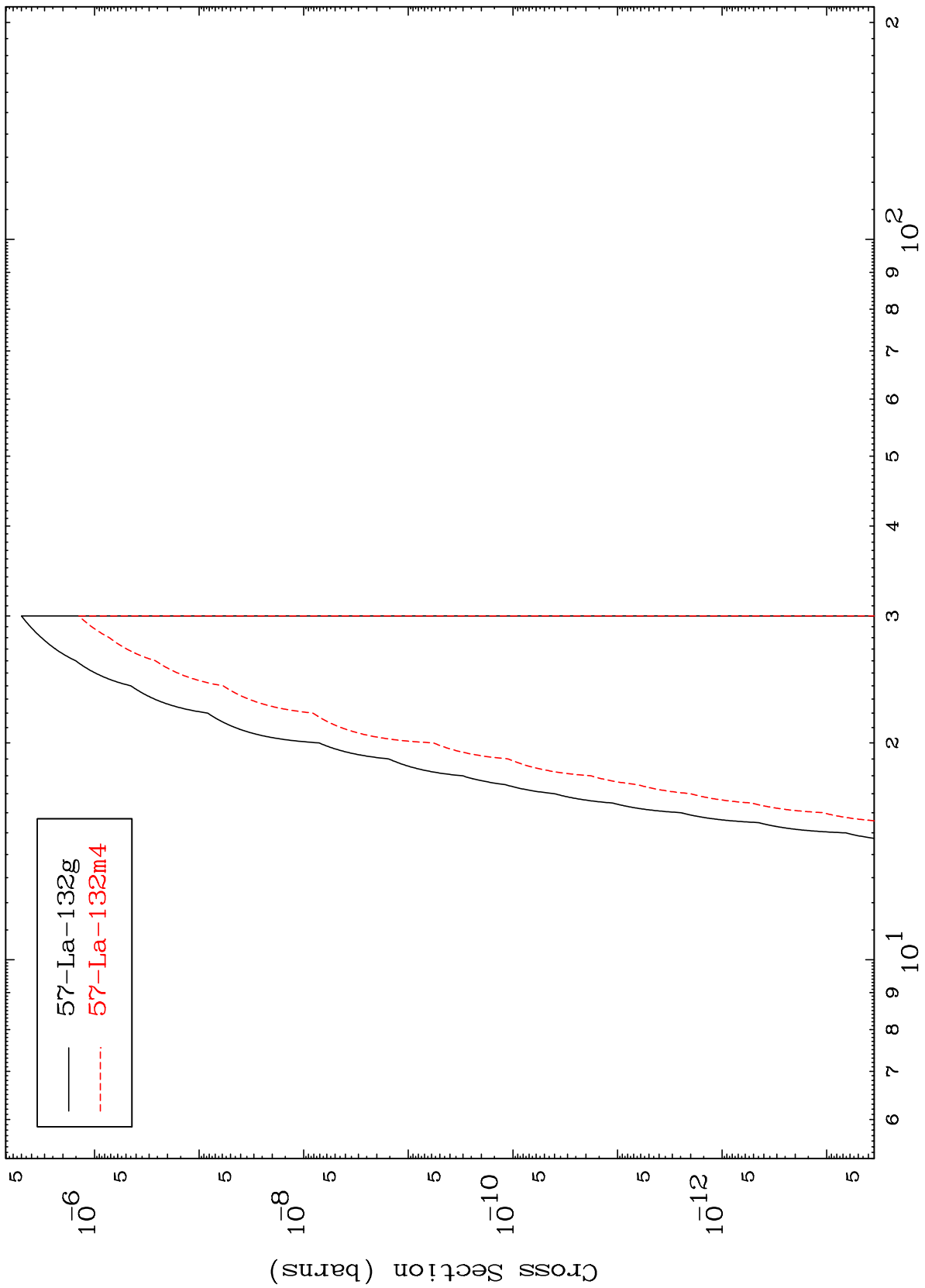
Incident Energy (MeV)

MAT 6010

(γ, p) α

60-Nd-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

60-Nd-137

