

Program EVALPLOT
(Version 2021-1)

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

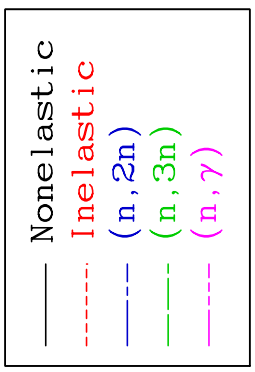
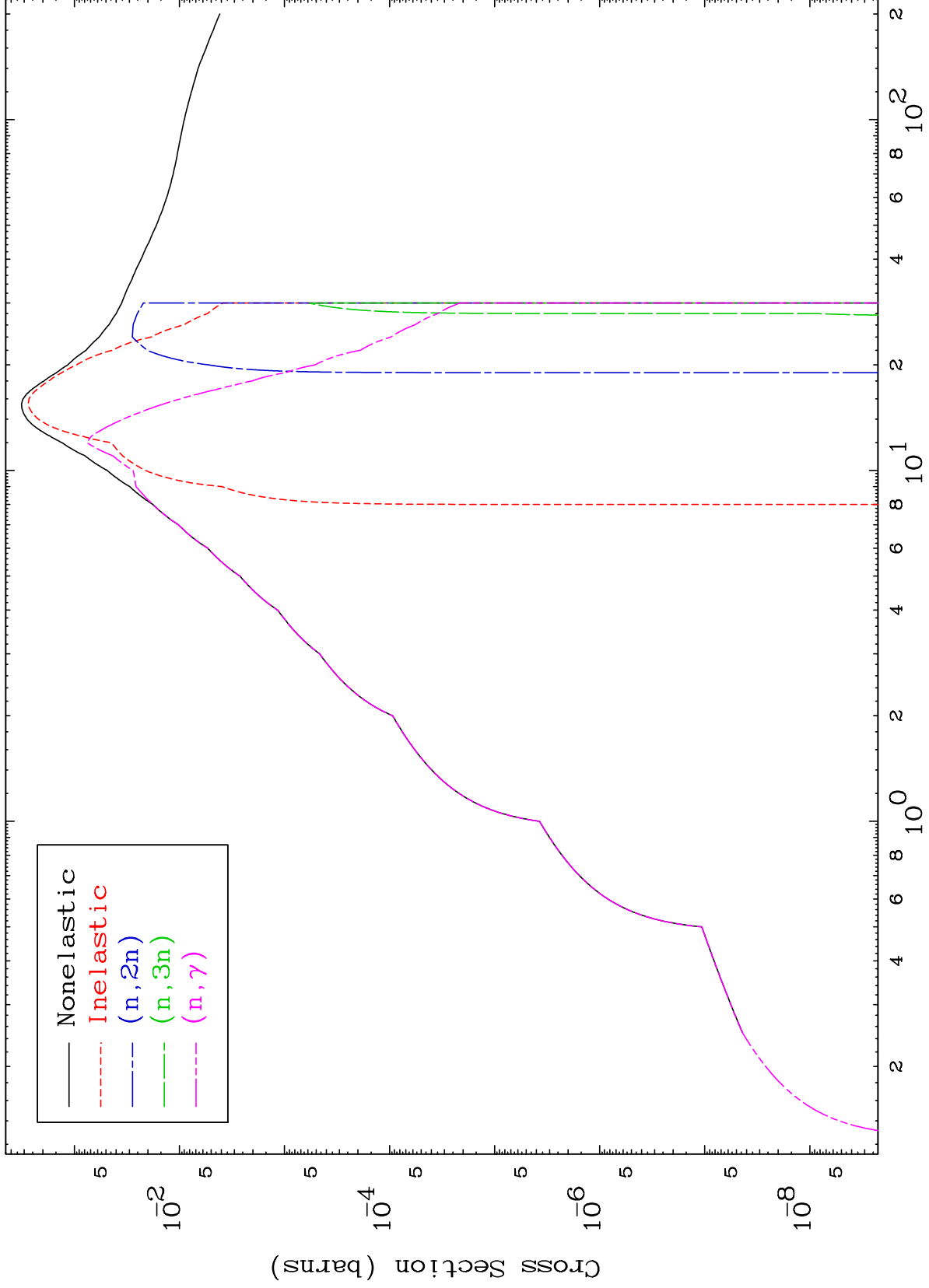
Press Mouse Button to Start

MAT 6011

Photon Major

60-Nd-137m

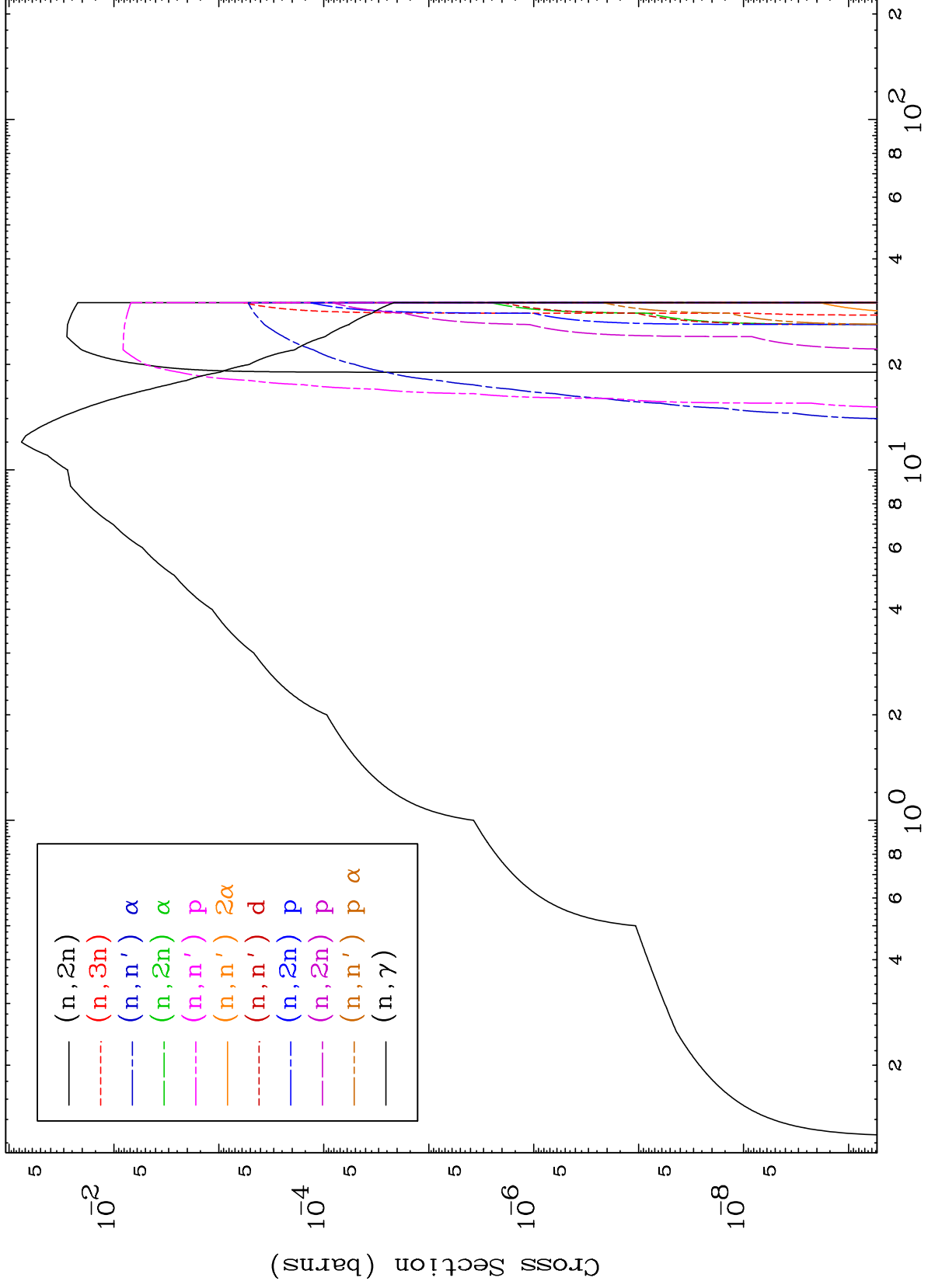
0 Kelvin Cross Sections



MAT 6011

Photon Neutron Absorption
0 Kelvin Cross Sections

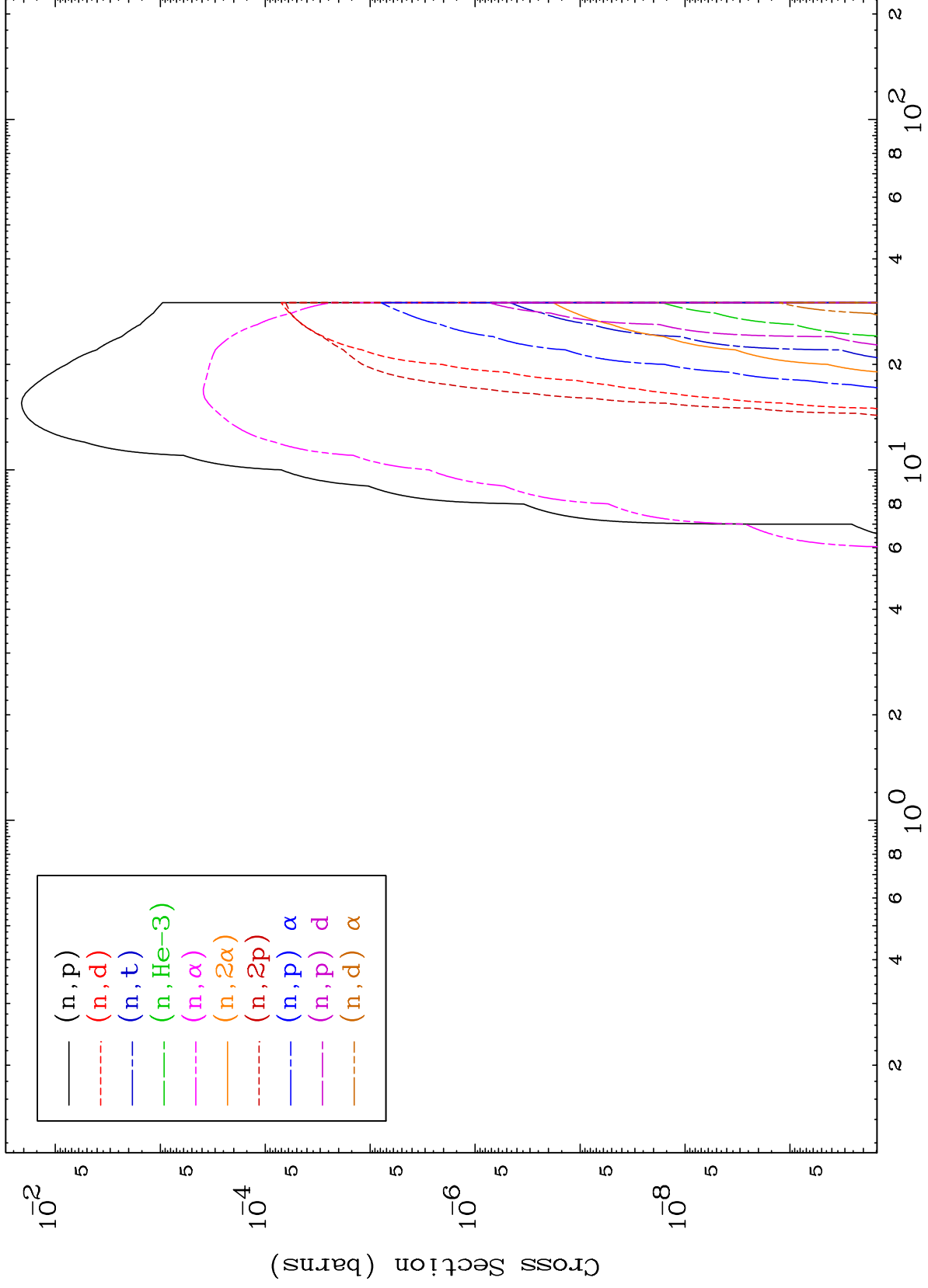
60-Nd-137m



MAT 6011

Photon Neutron Absorption
0 Kelvin Cross Sections

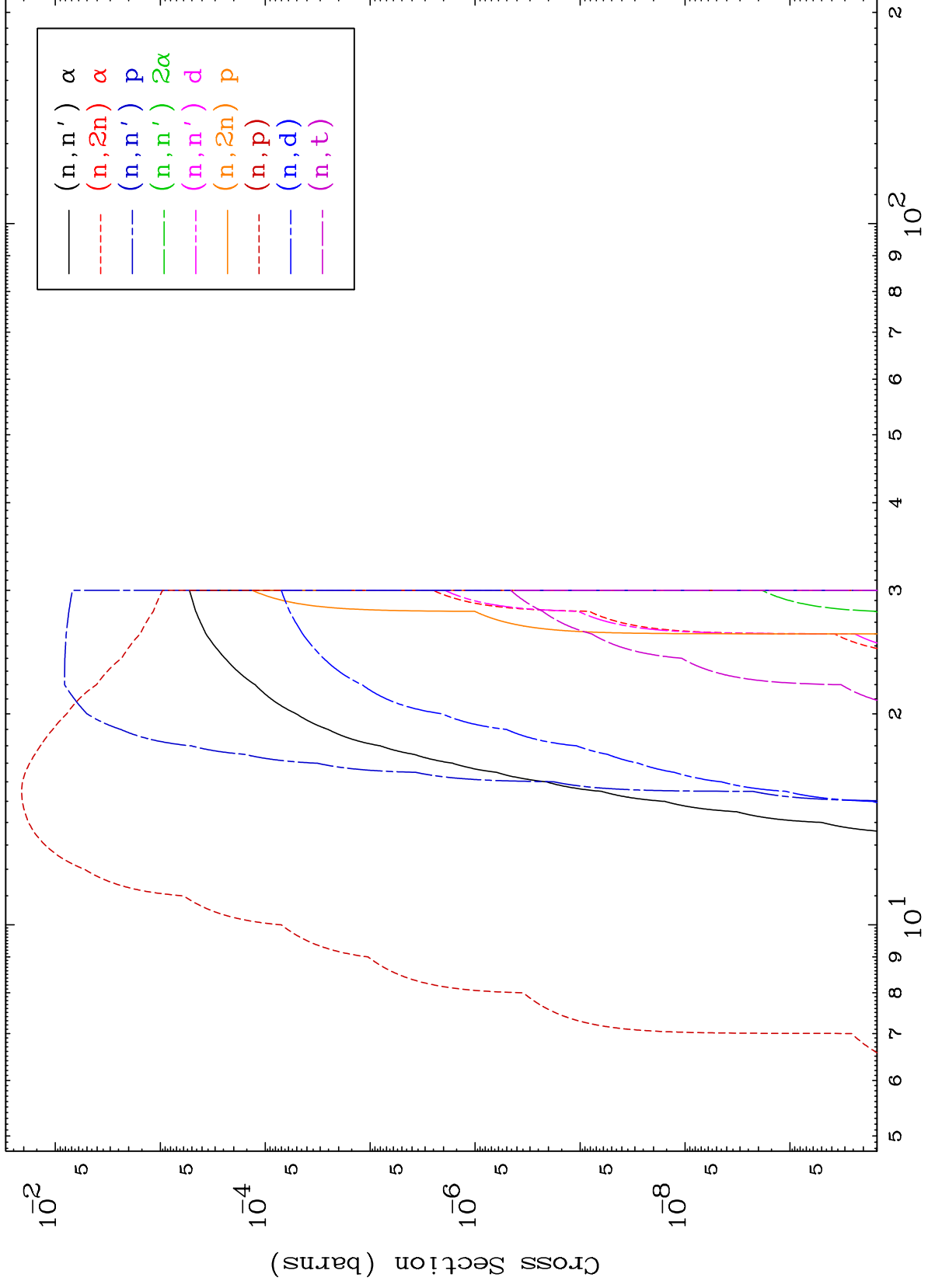
60-Nd-137m



MAT 6011

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-137m



4

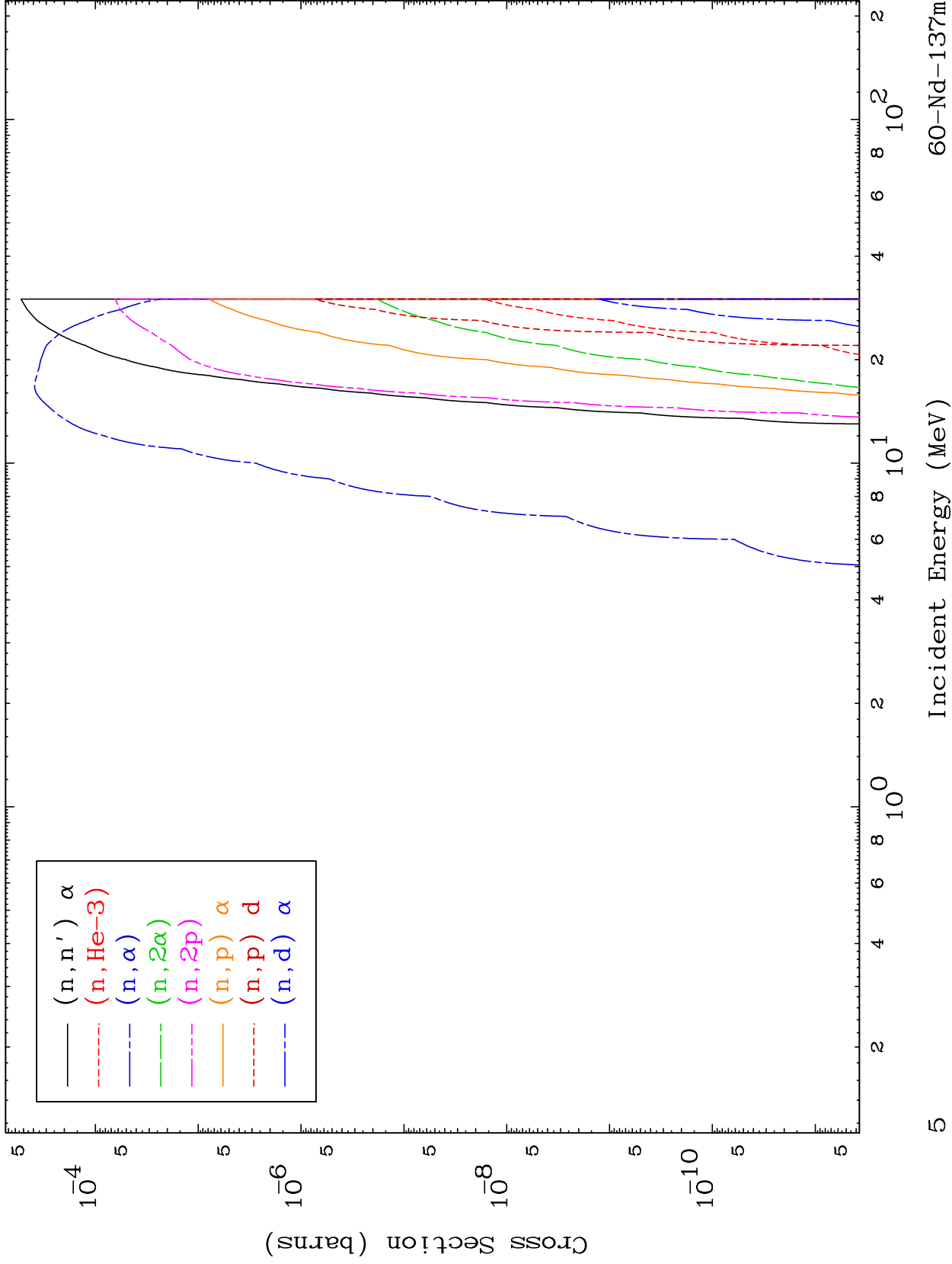
Incident Energy (MeV)

60-Nd-137m

MAT 6011

Photon Charged Particle
0 Kelvin Cross Sections

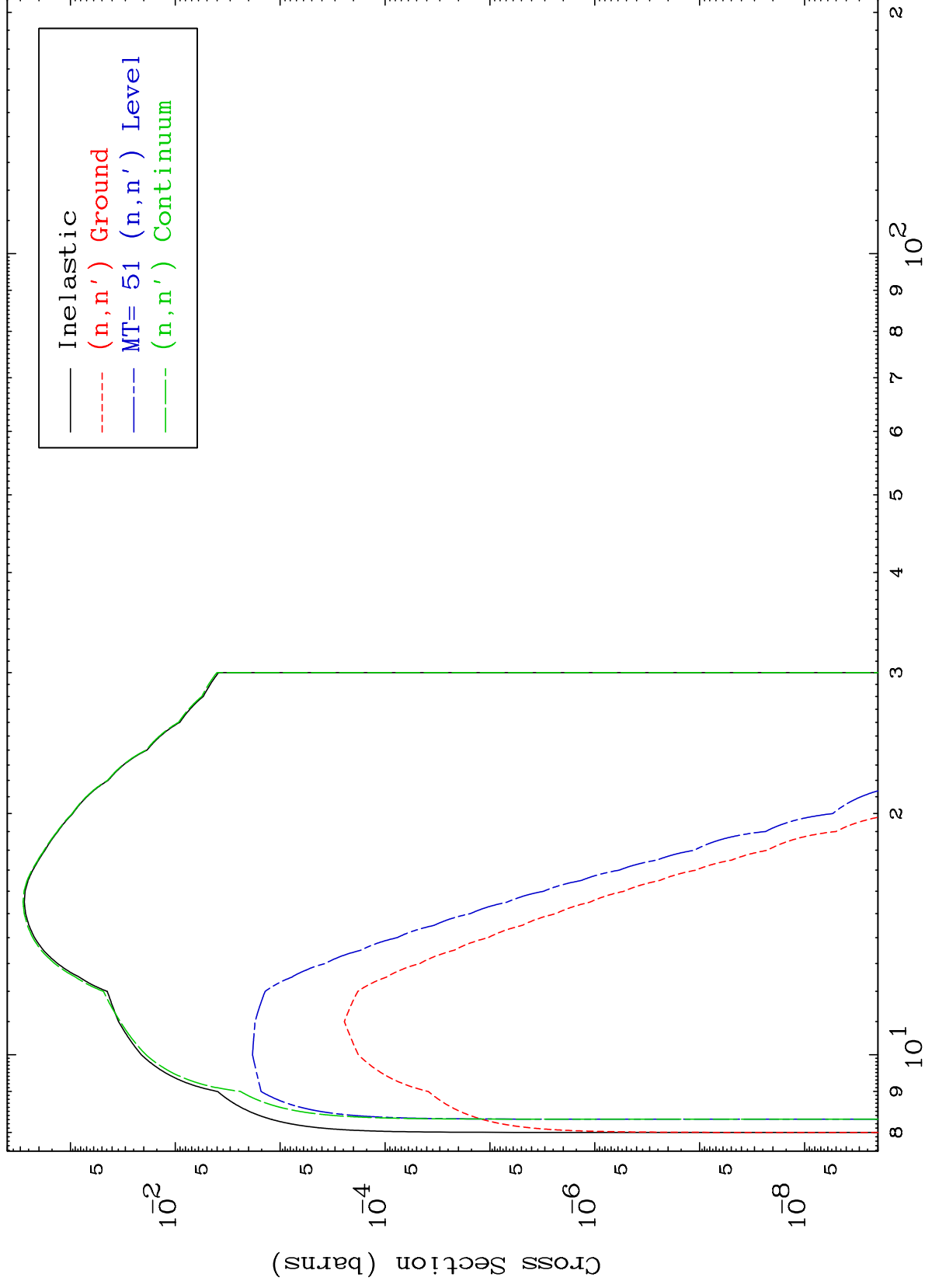
60-Nd-137m



MAT 6011

60-Nd-137m

(γ, n') Levels
0 Kelvin Cross Sections



60-Nd-137m

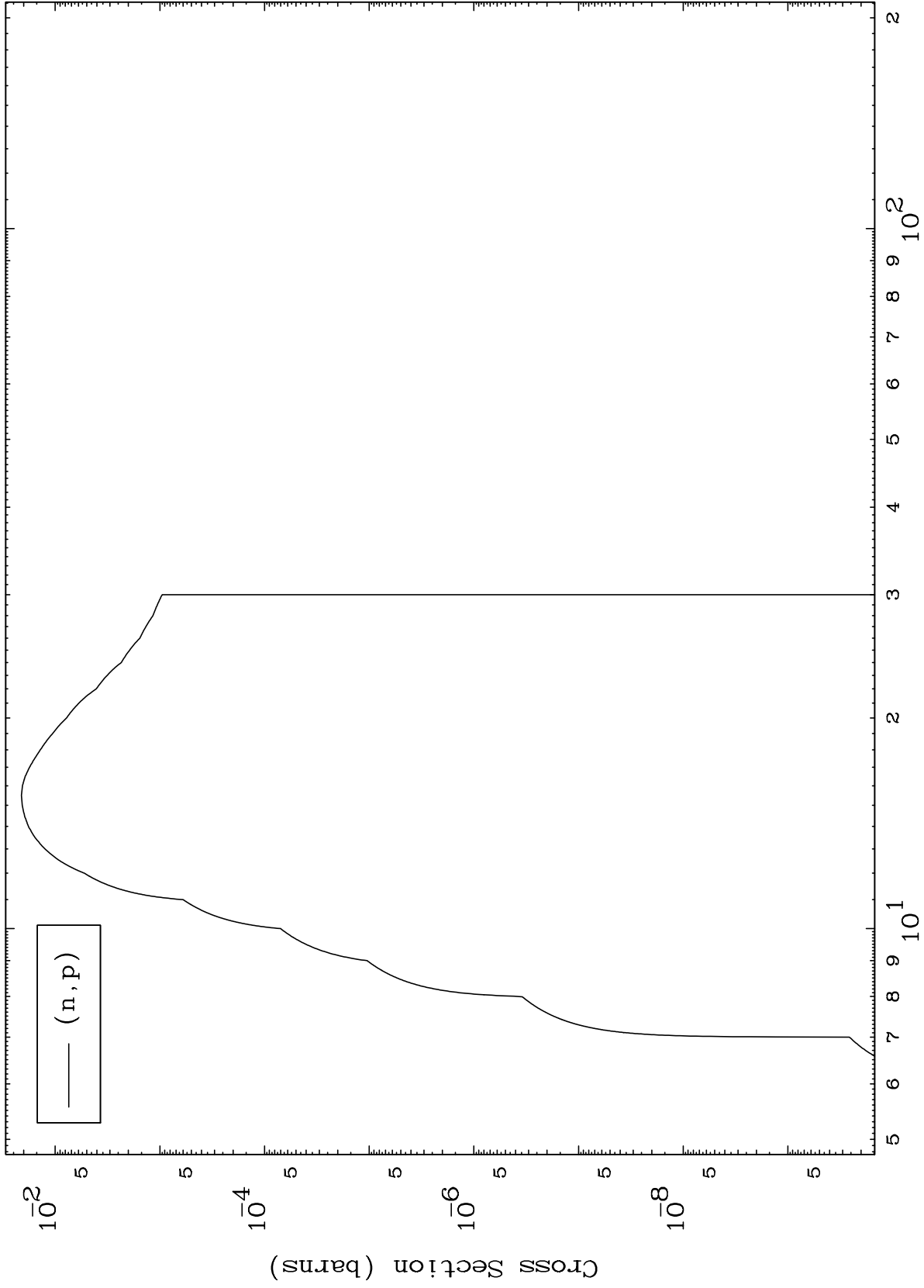
Incident Energy (MeV)

6

MAT 6011

(γ, p) Levels
0 Kelvin Cross Sections

60-Nd-137m



7

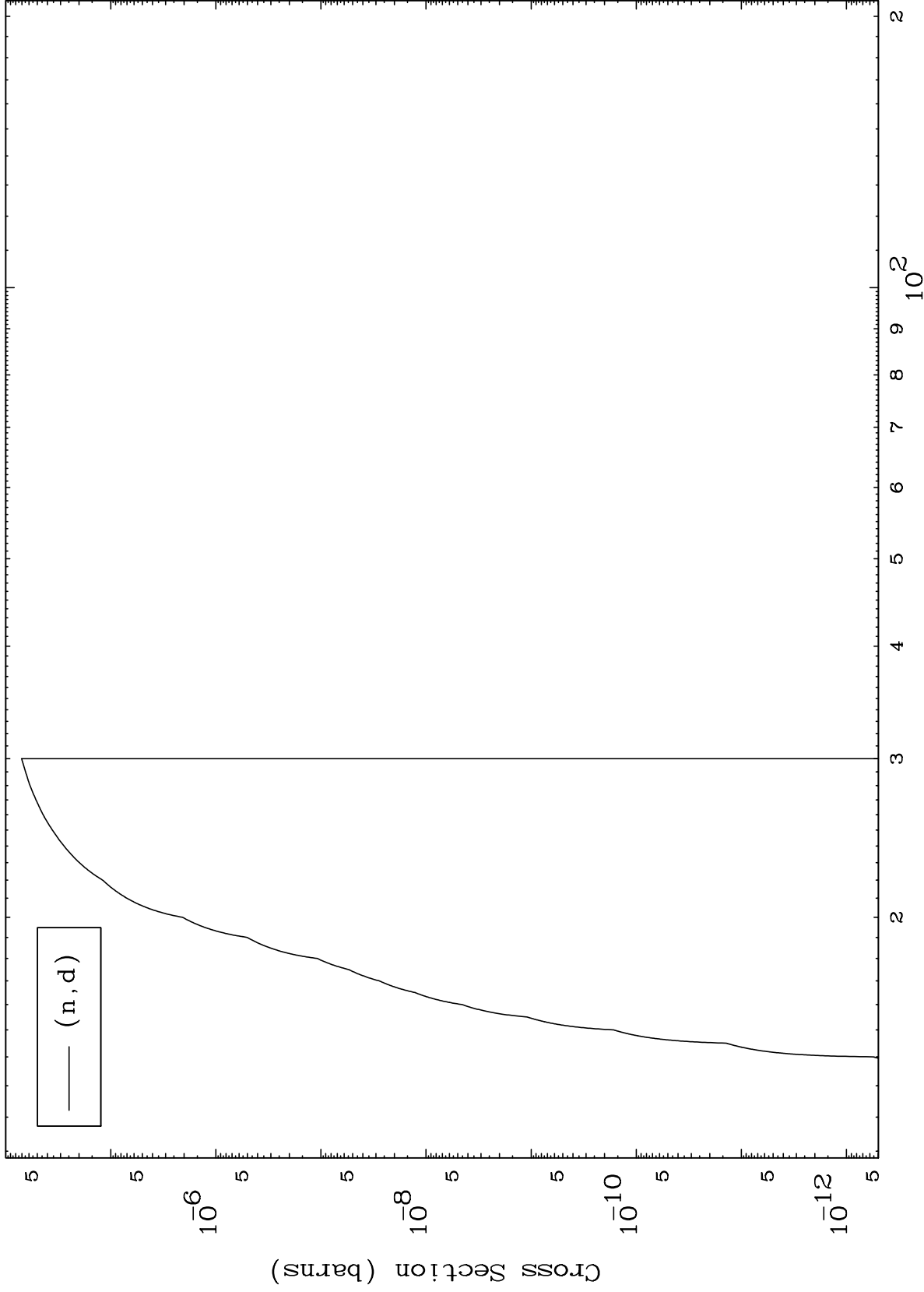
Incident Energy (MeV)

60-Nd-137m

MAT 6011

(γ, d) Levels
0 Kelvin Cross Sections

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



8

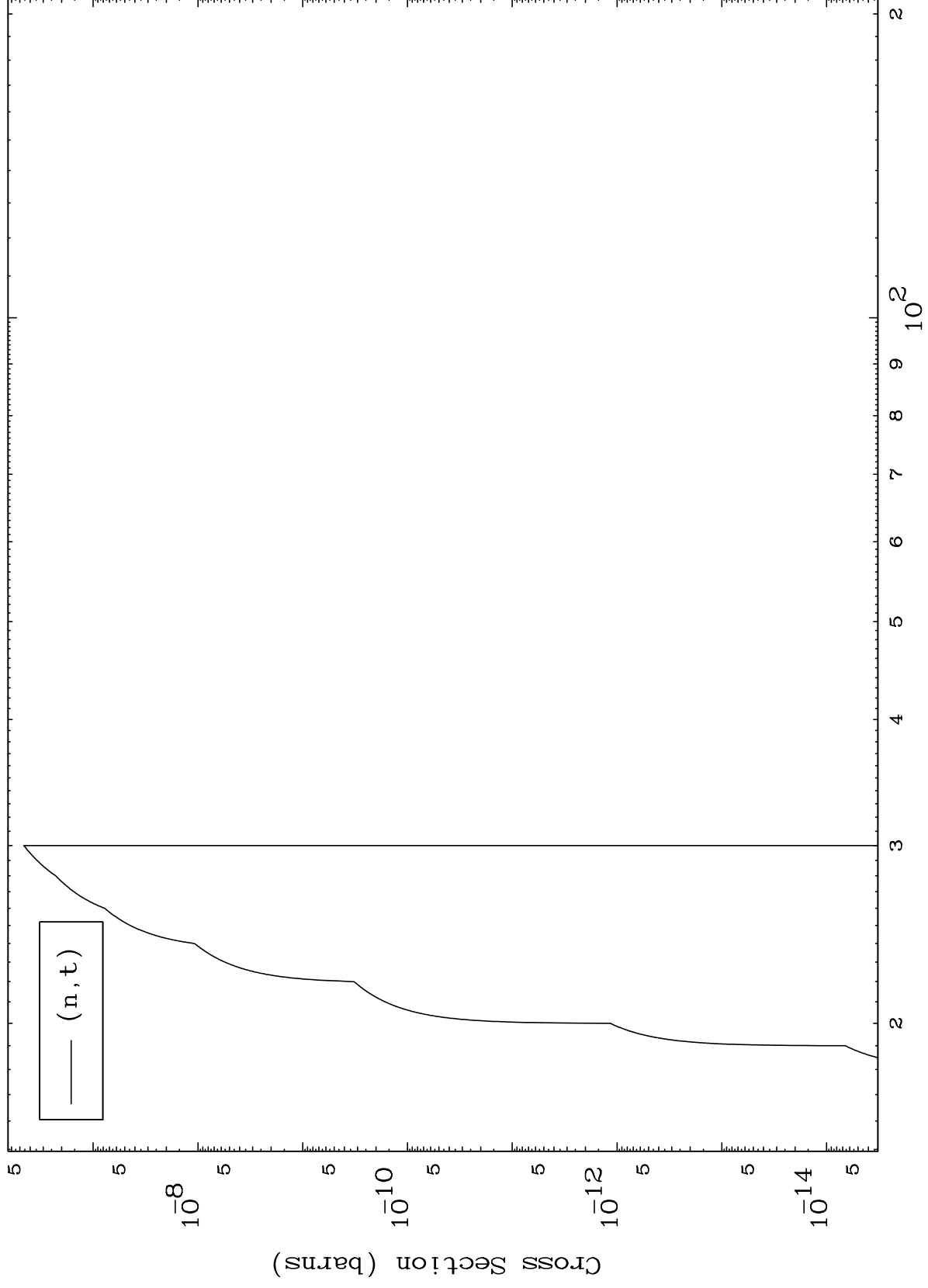
Incident Energy (MeV)

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

MAT 6011

(γ, t) Levels
0 Kelvin Cross Sections

60-Nd-137m



9

Incident Energy (MeV)

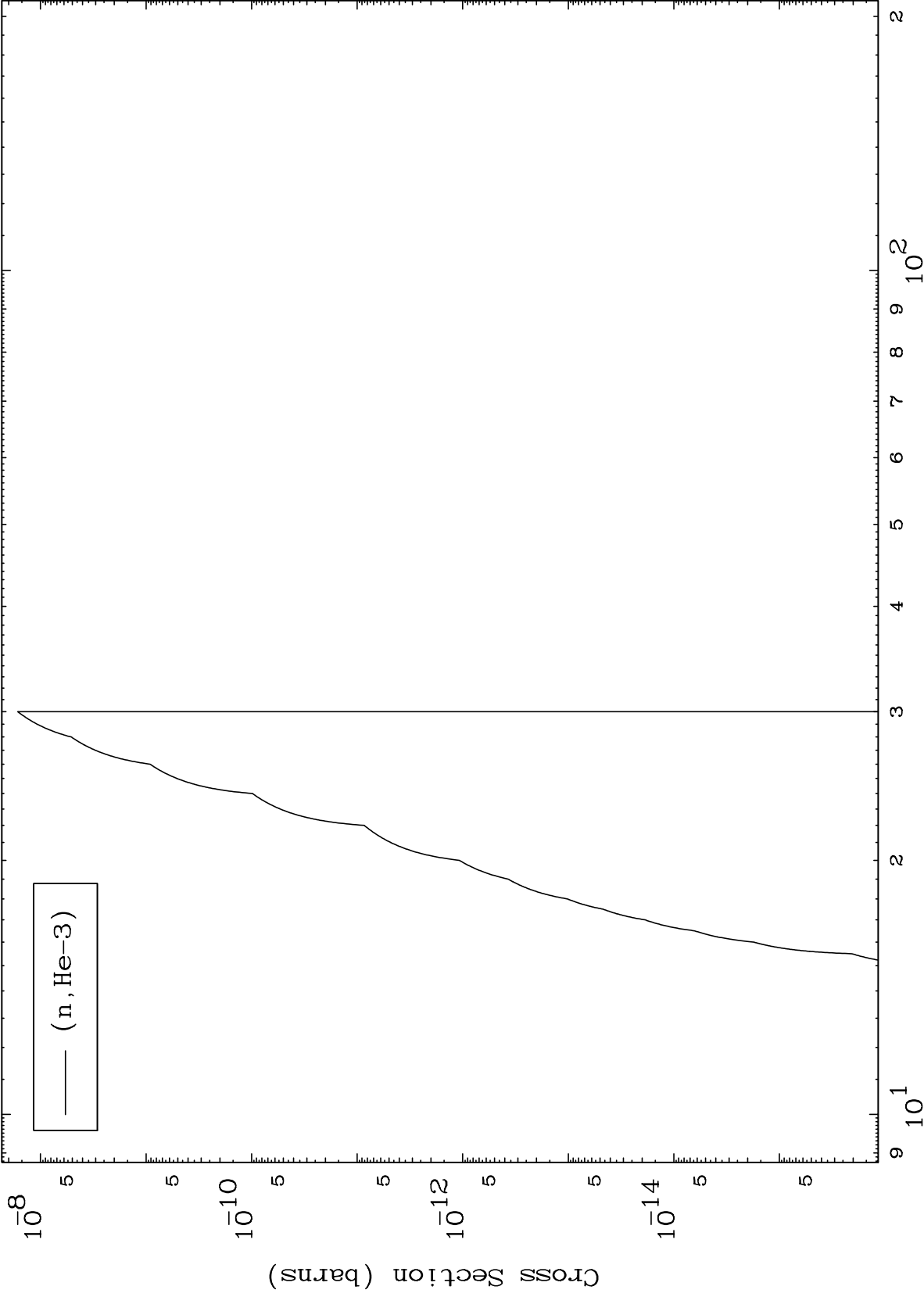
60-Nd-137m

MAT 6011

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

60-Nd-137m

0 Kelvin Cross Sections



Incident Energy (MeV)

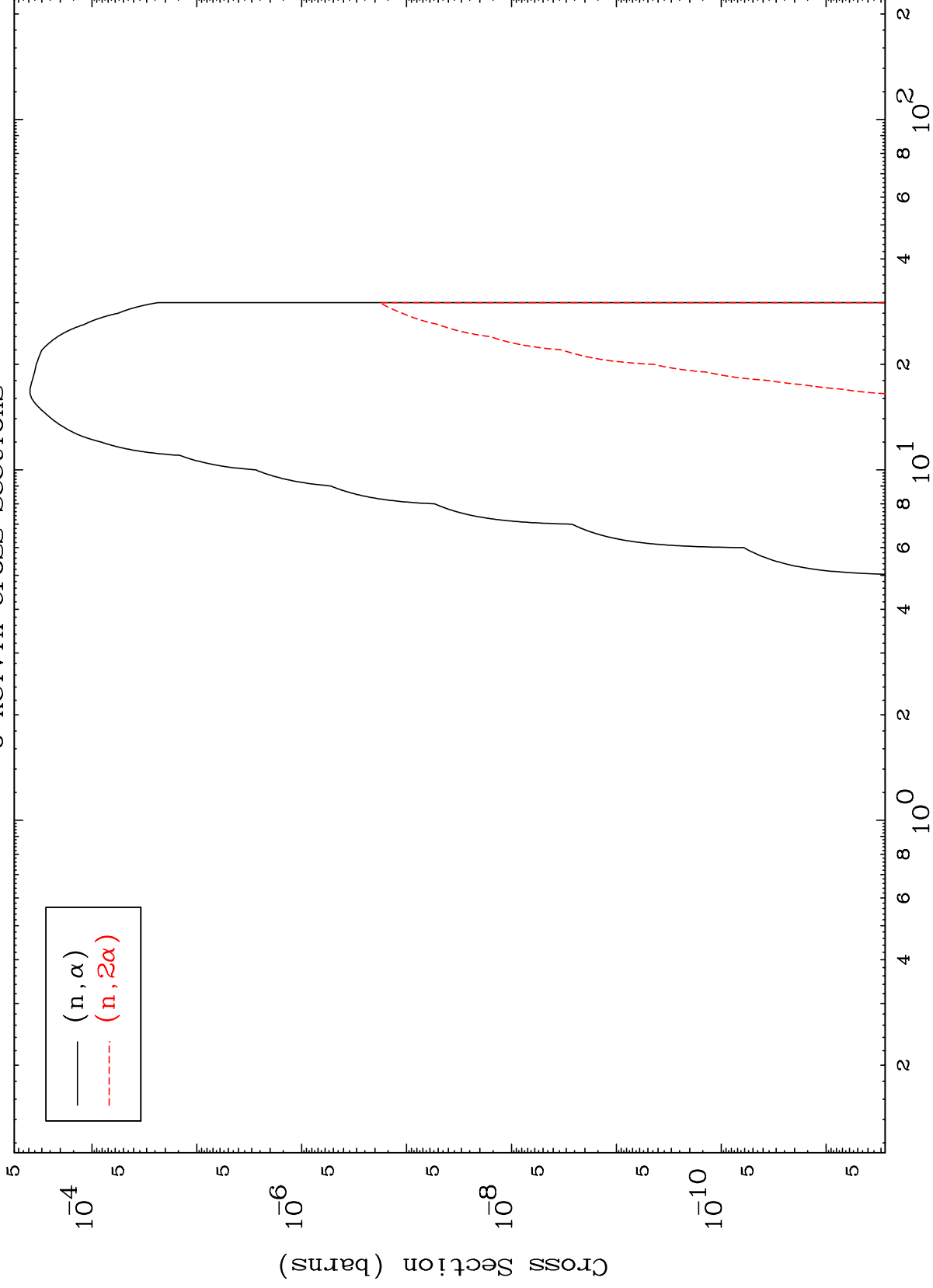
60-Nd-137m

MAT 6011

(γ, α) Levels

60-Nd-137m

0 Kelvin Cross Sections

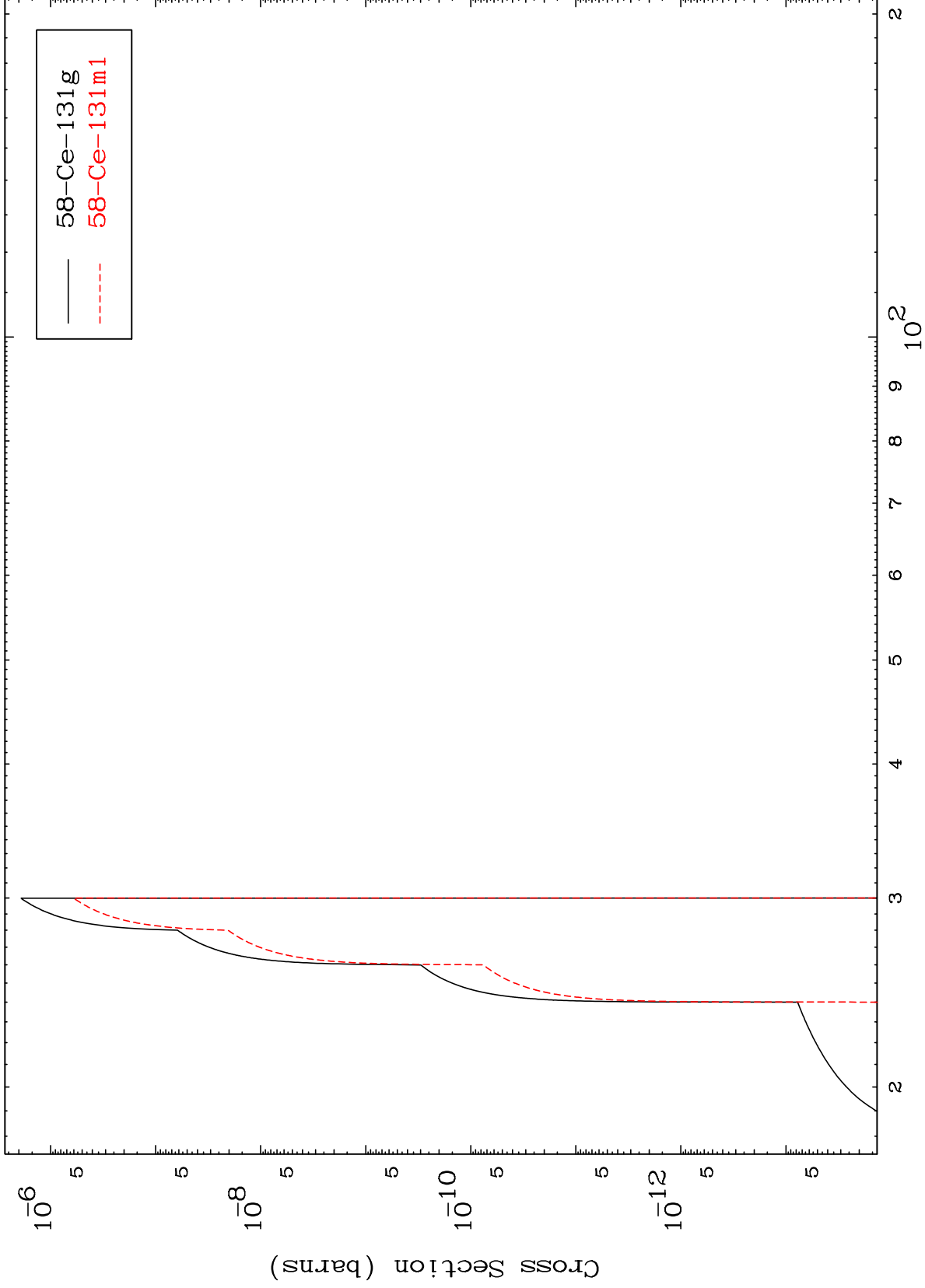


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$(n,2n) \alpha$

60-Nd-137m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

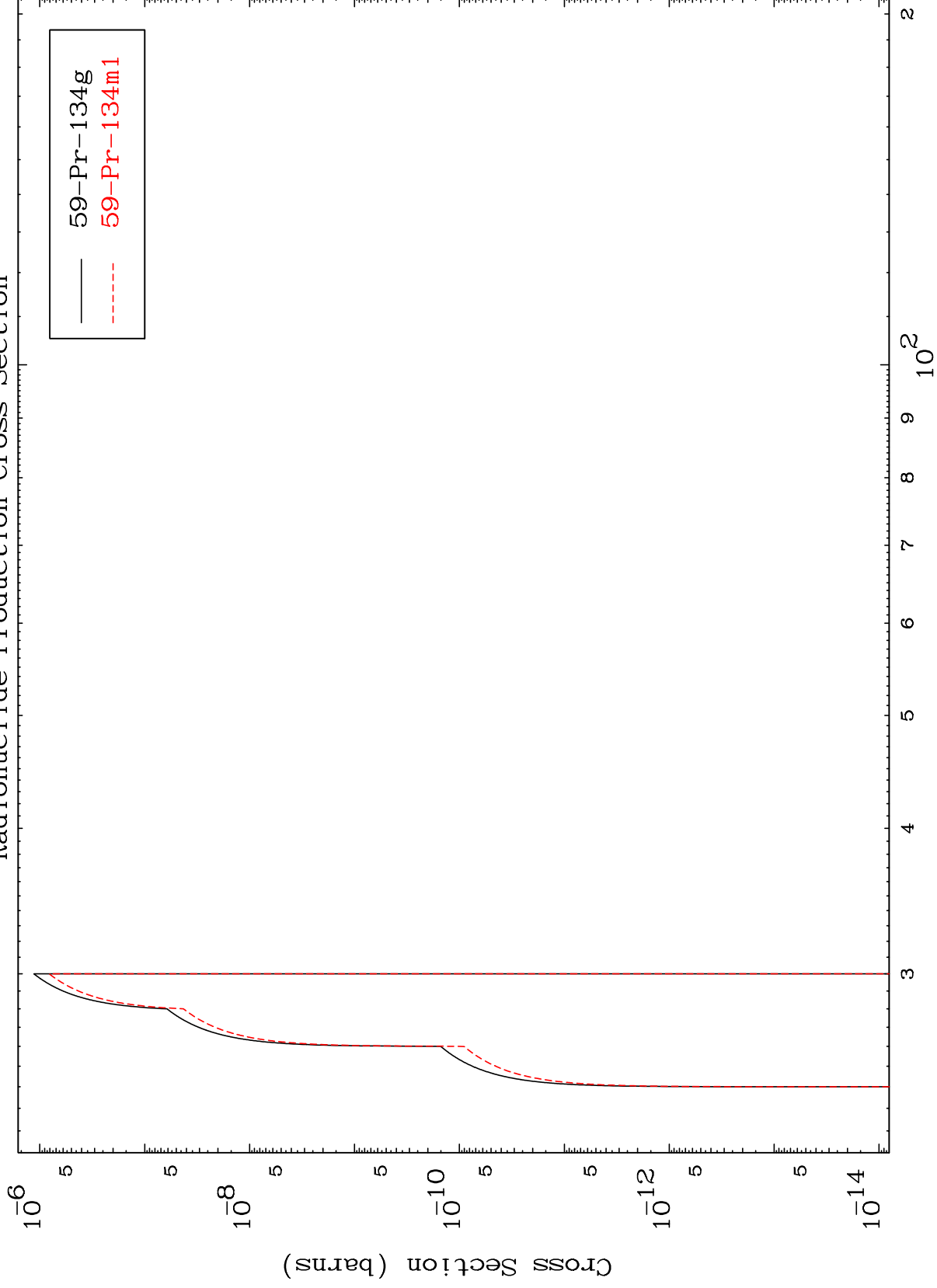
60-Nd-137m

MAT 6011

(n,n') d

60-Nd-137m

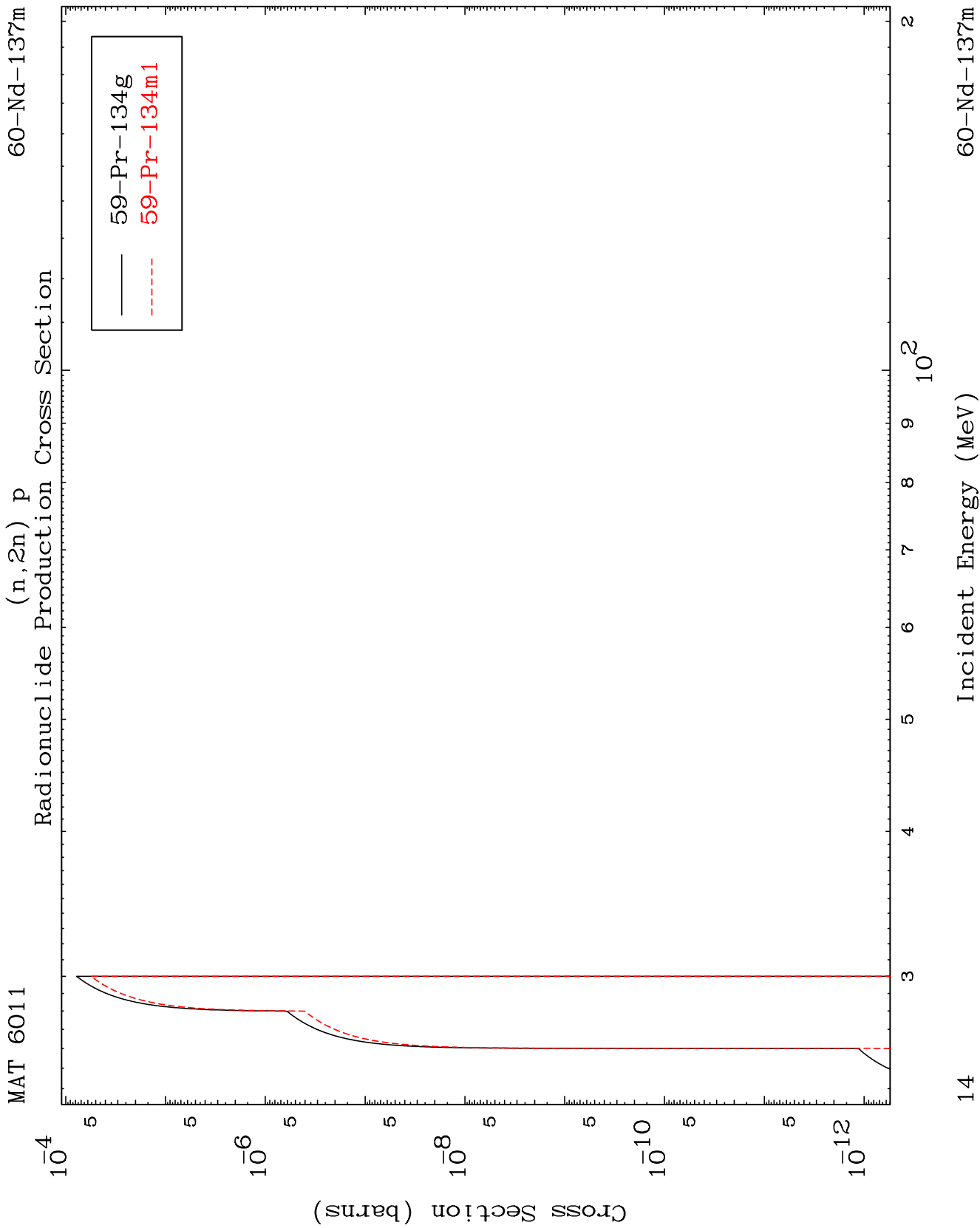
Radionuclide Production Cross Section



13

Incident Energy (MeV)

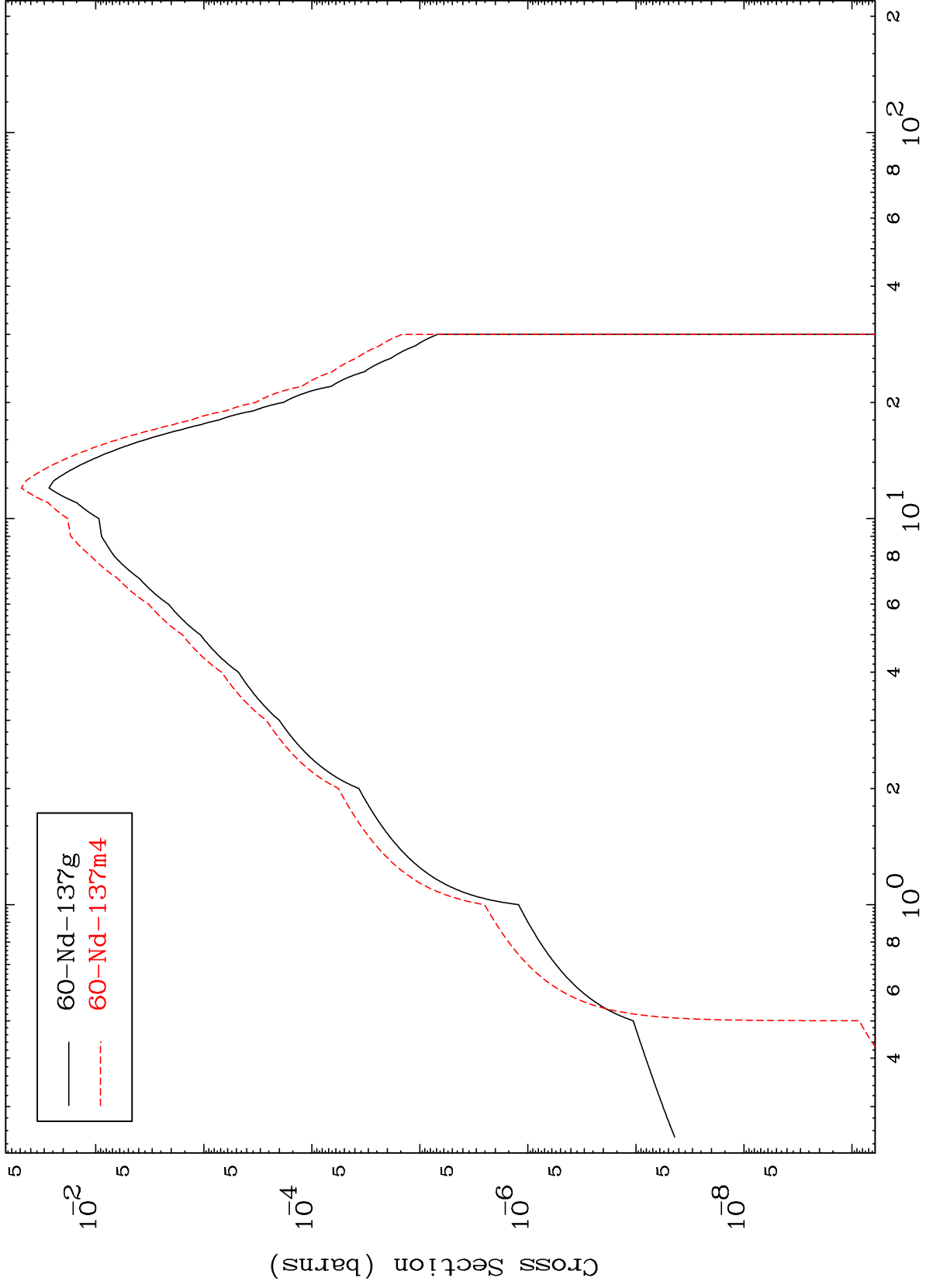
60-Nd-137m



MAT 6011

60-Nd-137m

(n, γ)
Radionuclide Production Cross Section



Legend:
— 60-Nd-137g
- - - 60-Nd-137m4

60-Nd-137m

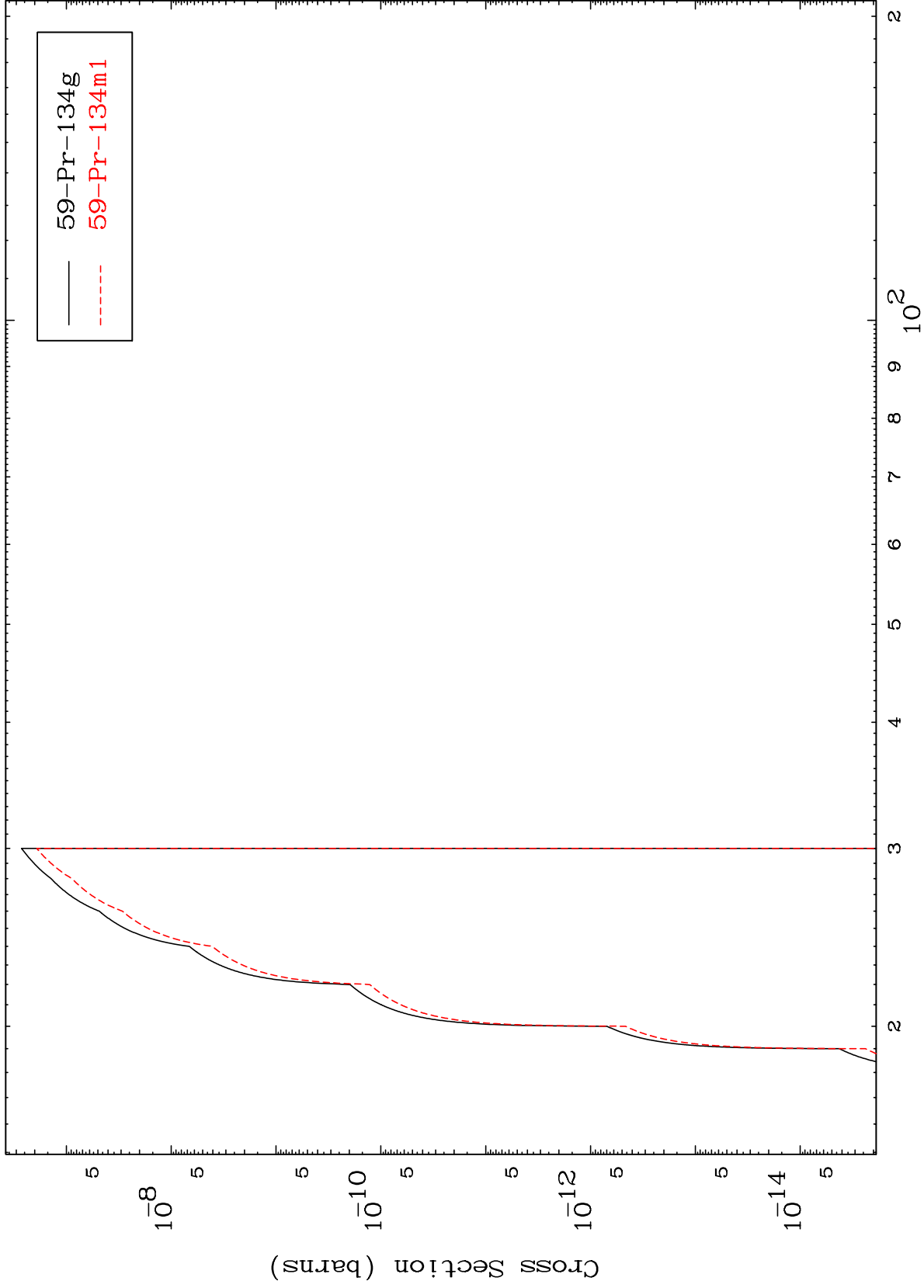
Incident Energy (MeV)

15

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60-Nd-137m

(n, t)
Radionuclide Production Cross Section



16

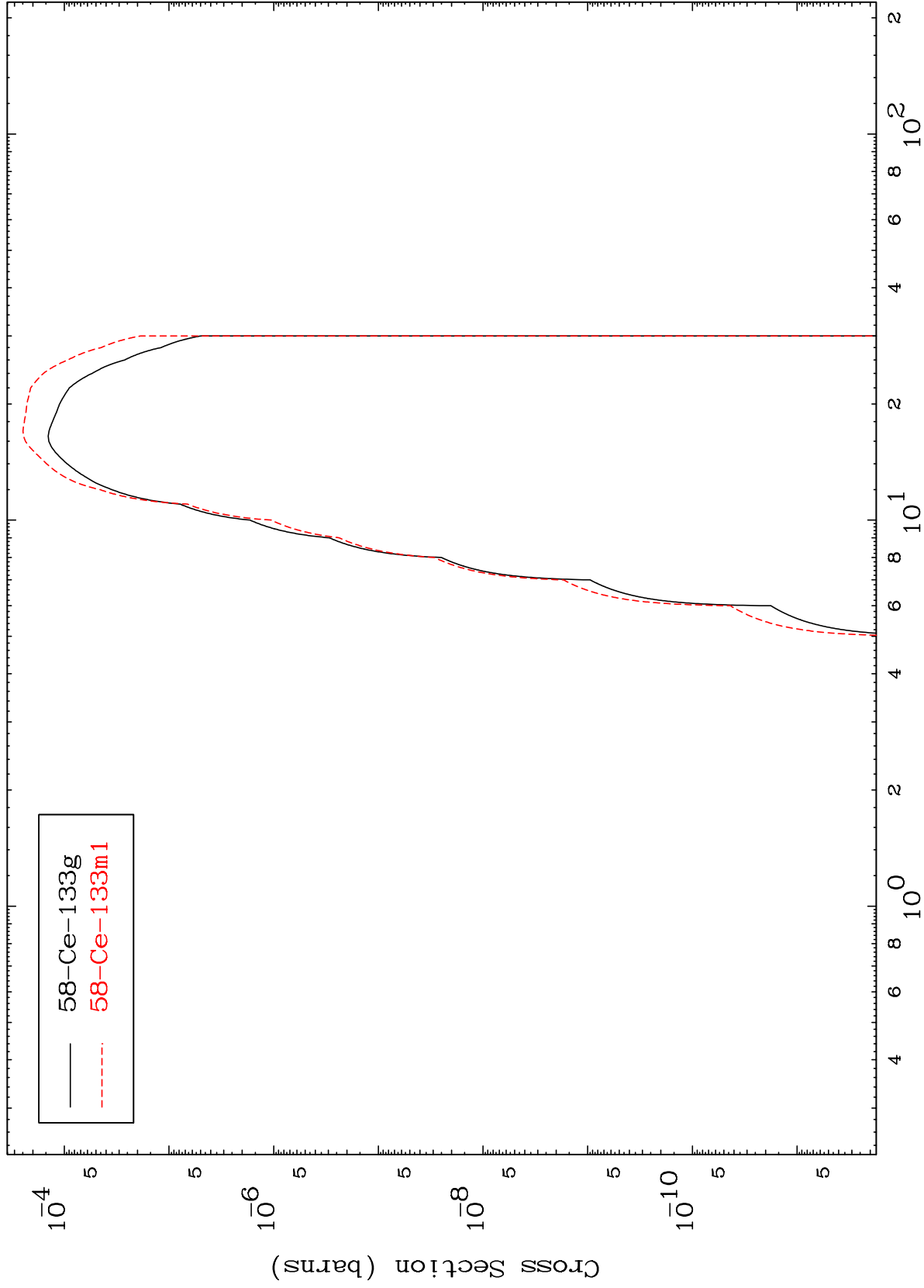
60-Nd-137m

Incident Energy (MeV)

MAT 6011

60-Nd-137m

(n, α)
Radionuclide Production Cross Section

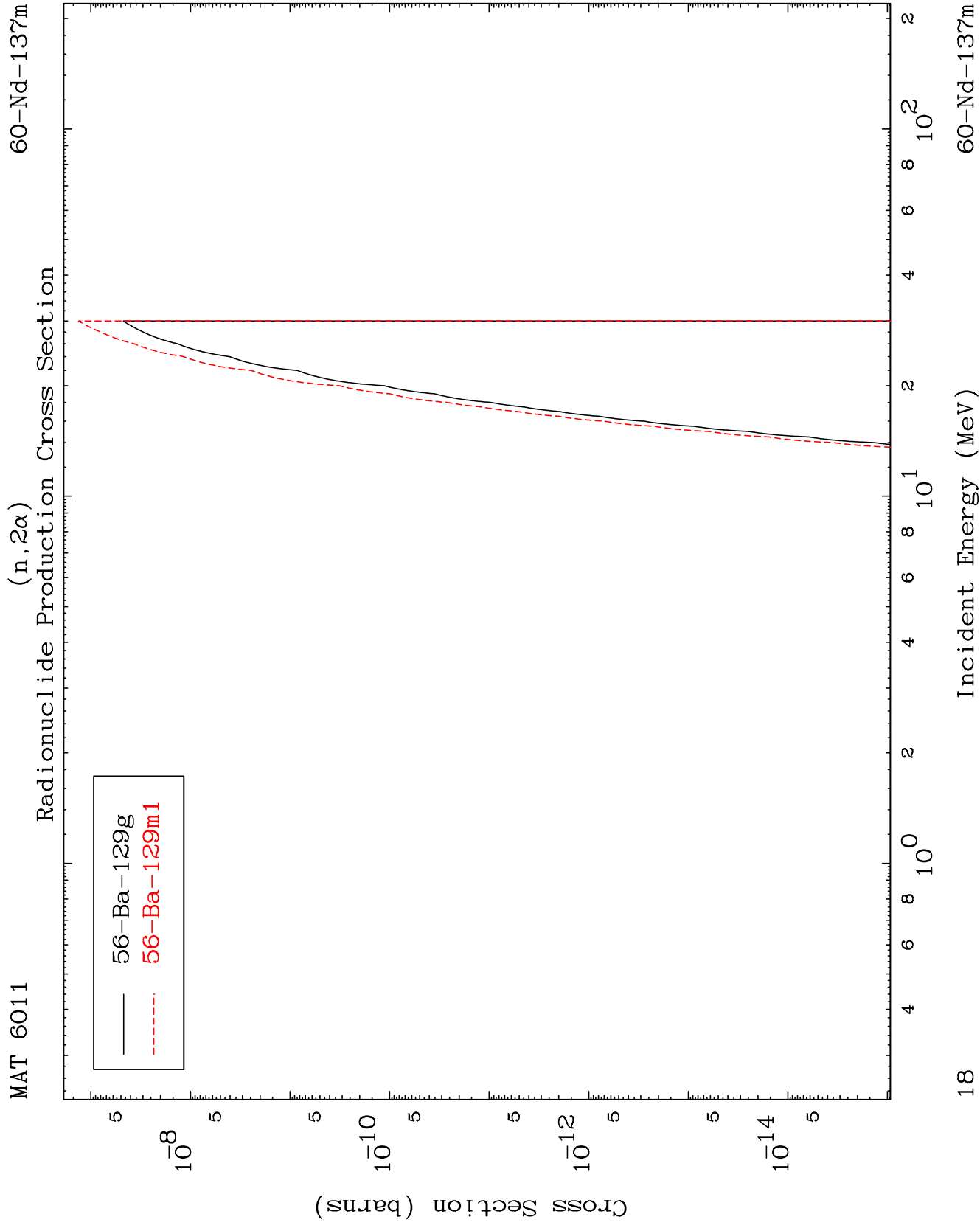


60-Nd-137m

Incident Energy (MeV)

17

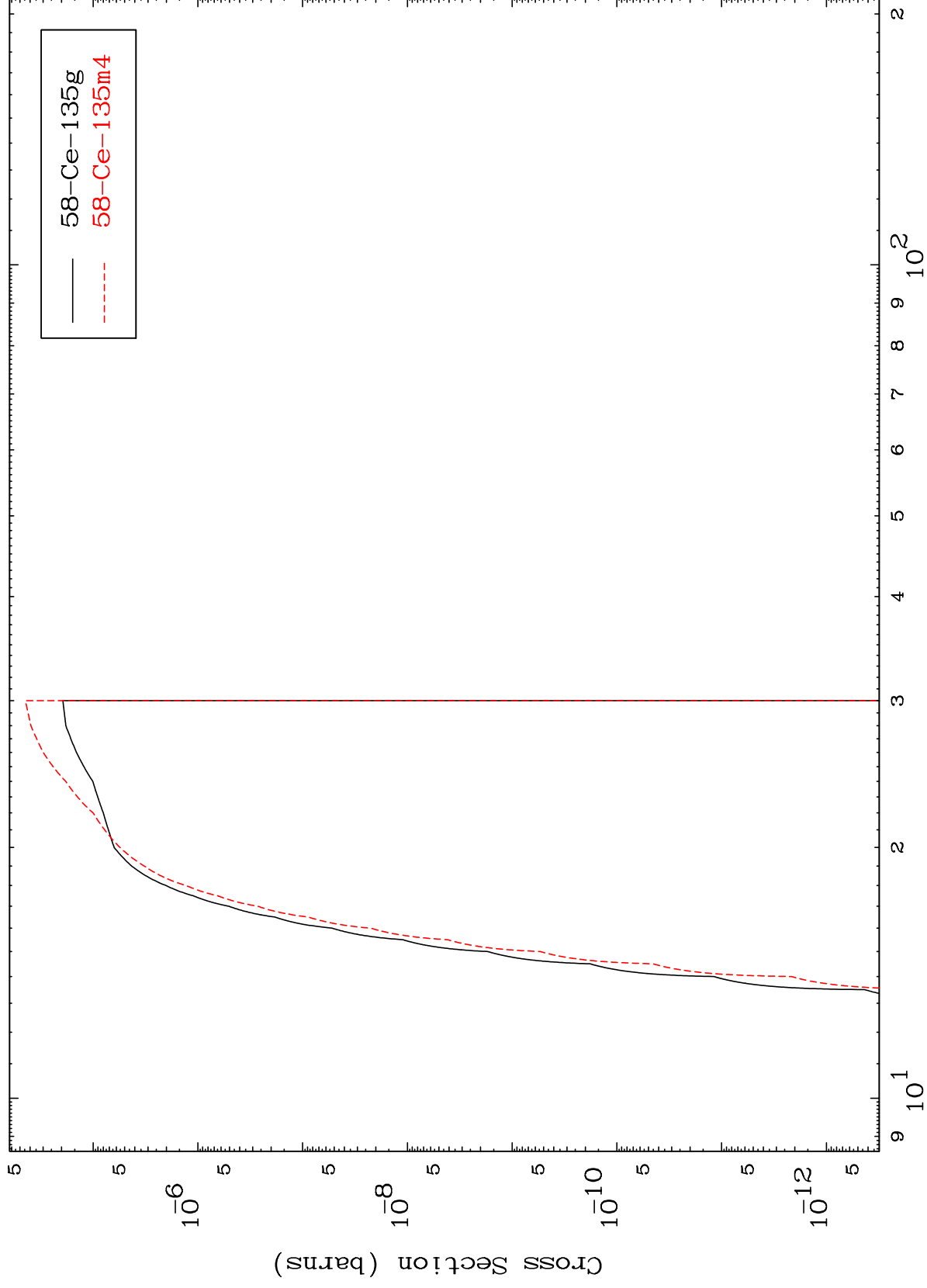
MAT 6011



MAT 6011

60-Nd-137m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

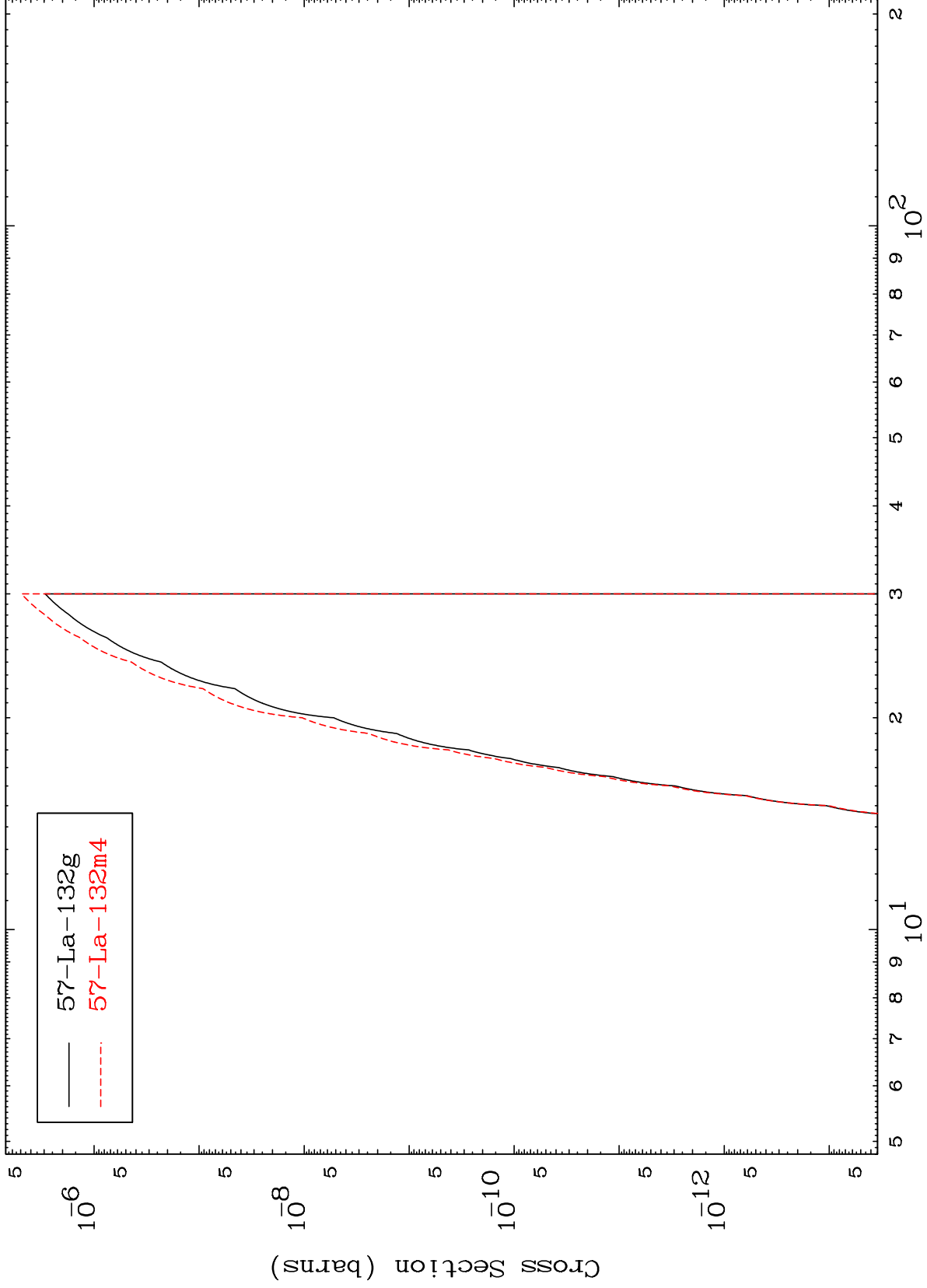
60-Nd-137m

MAT 6011

60-Nd-137m

(n,p) α

Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-137m