

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

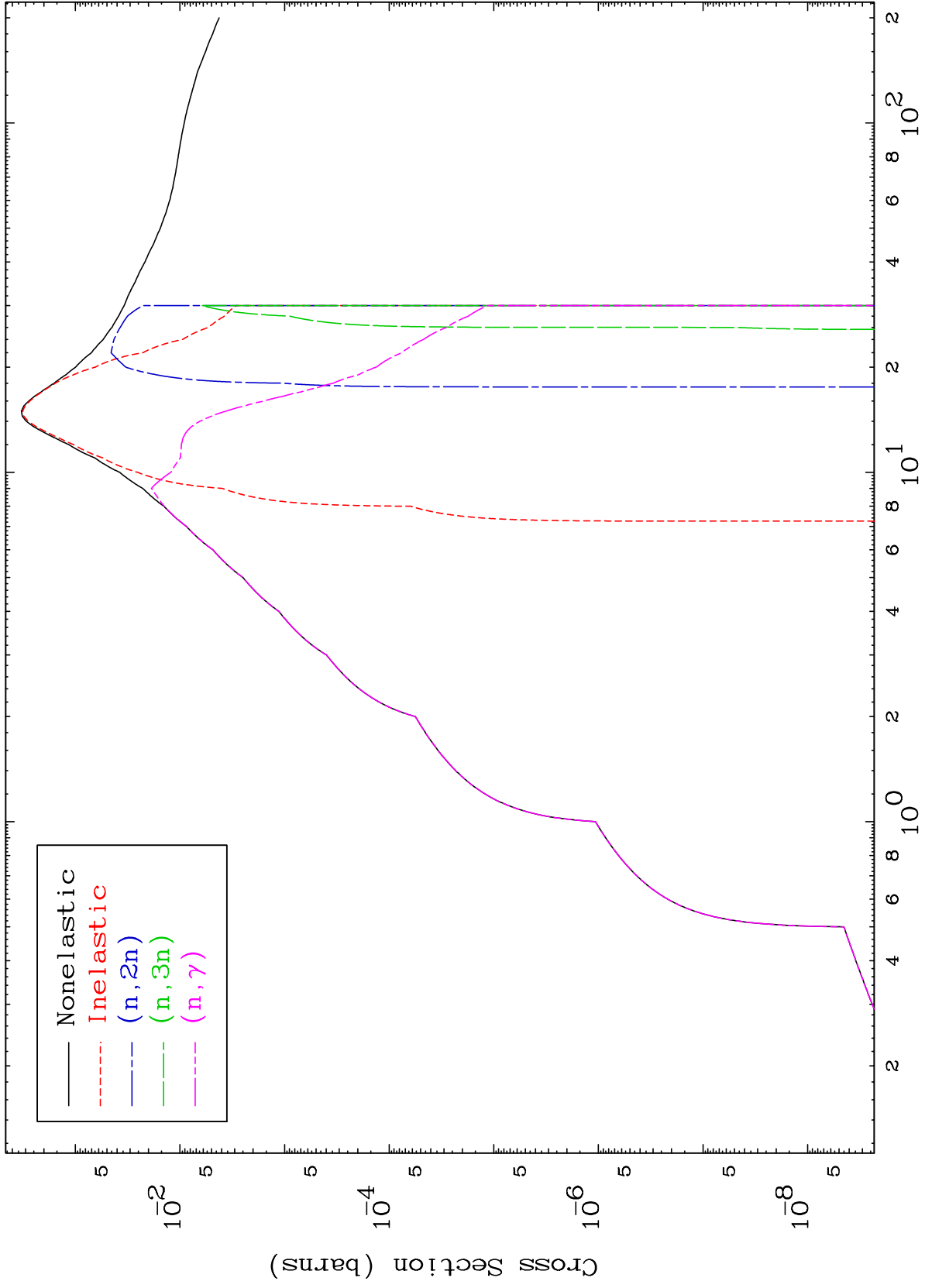
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6023

0 Kelvin Major

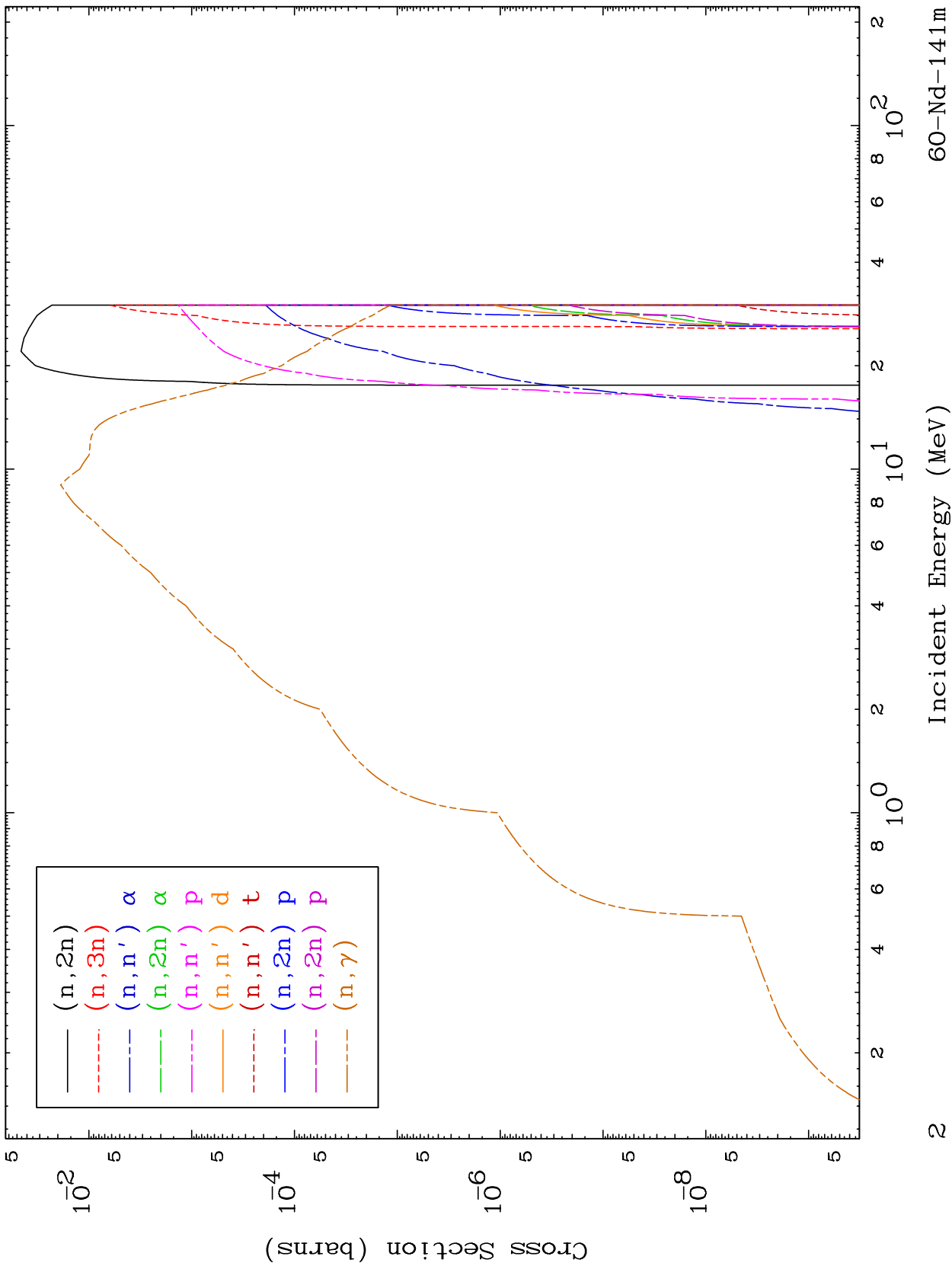
60-Nd-141m

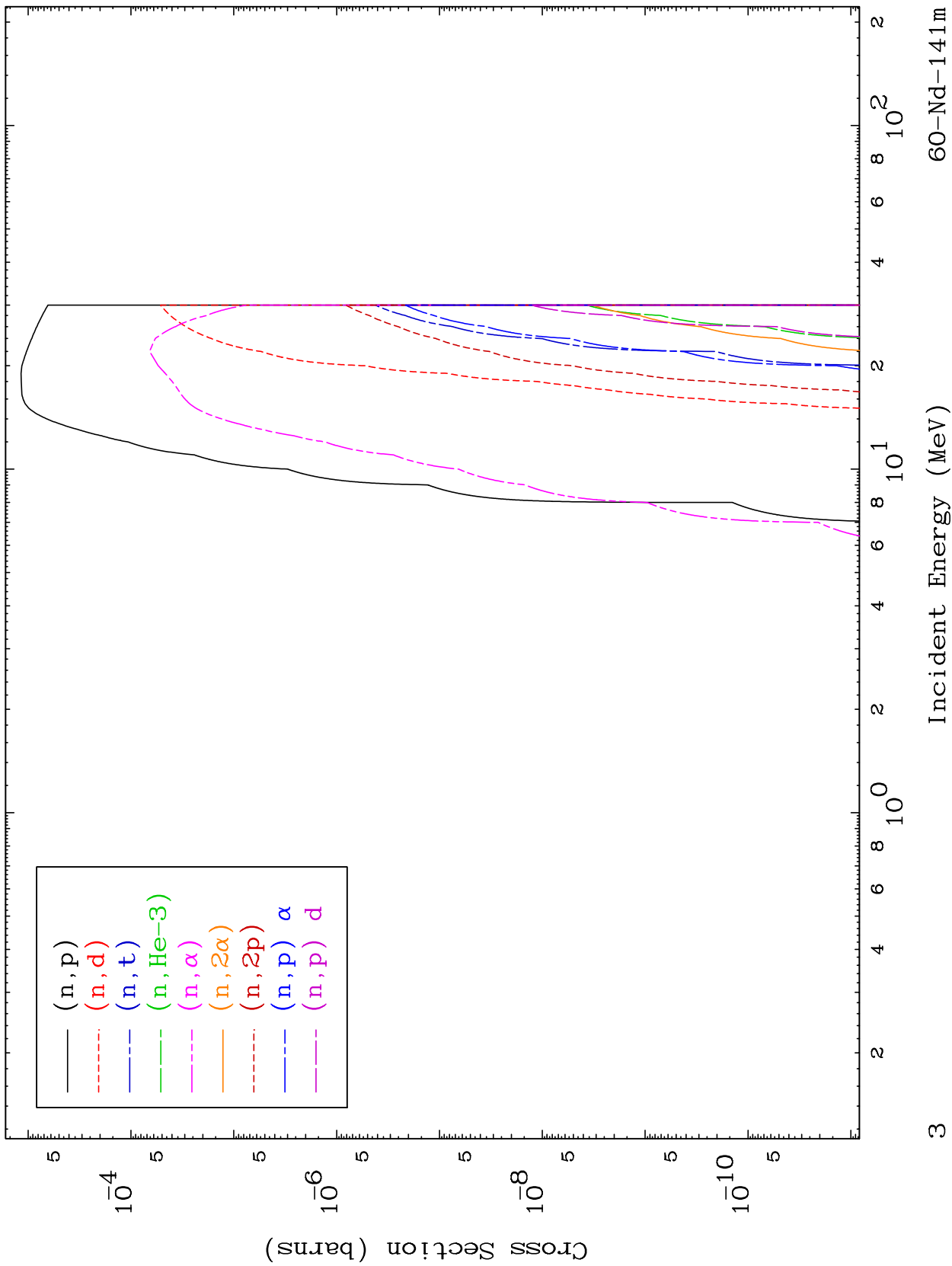


MAT 6023

Photon Neutron Absorption
0 Kelvin Cross Sections

60-Nd-141m

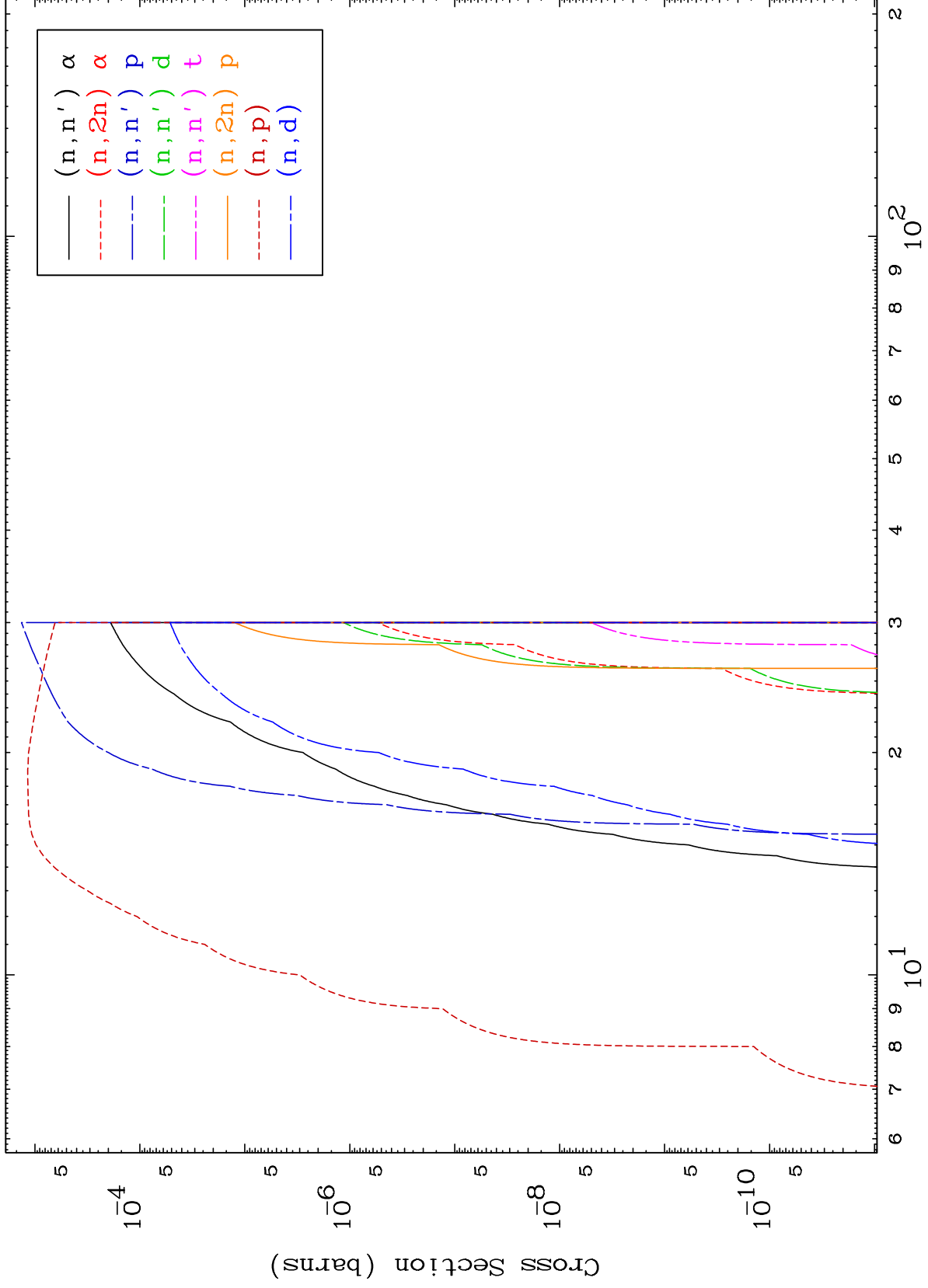




MAT 6023

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-141m



4

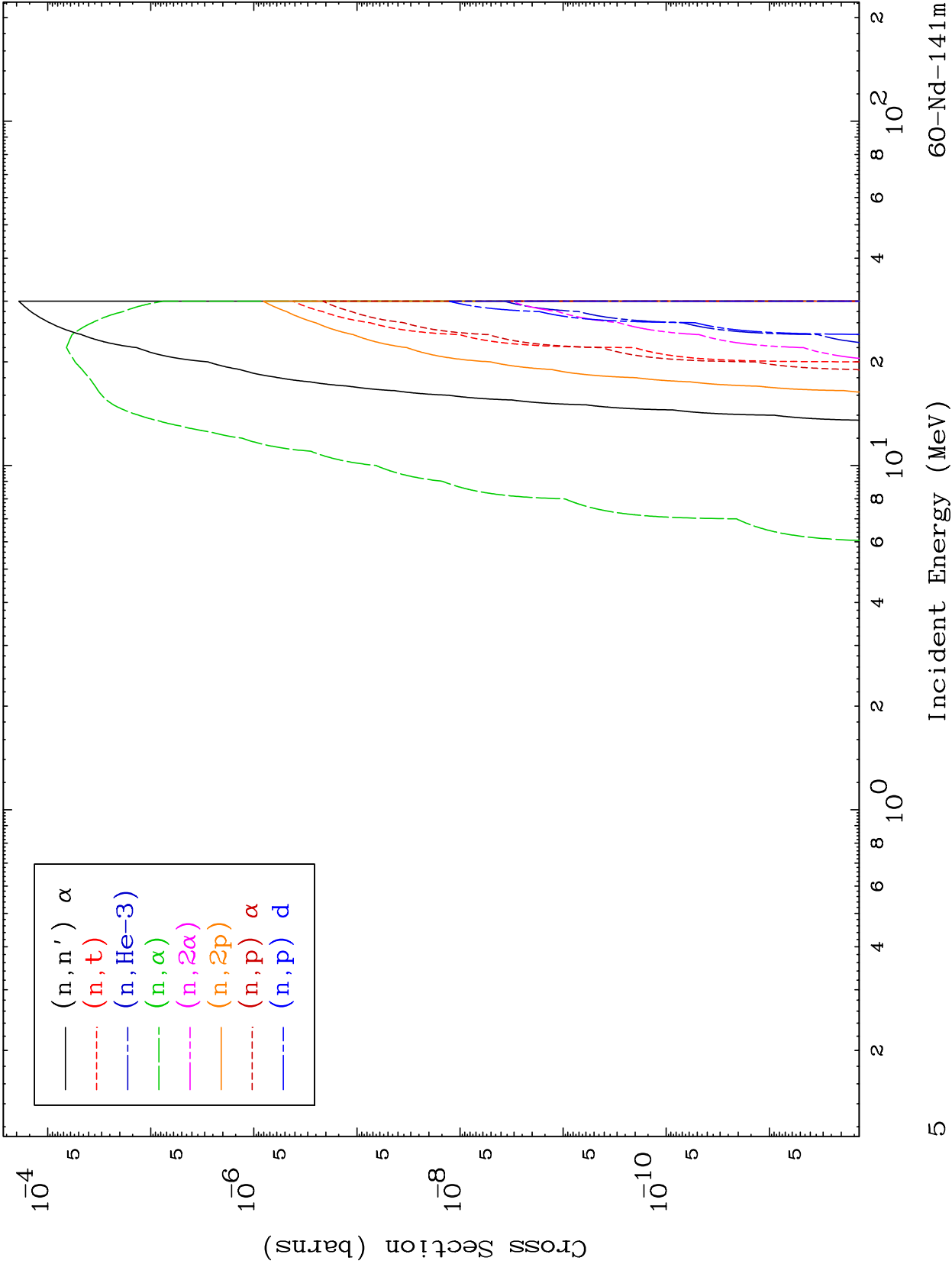
Incident Energy (MeV)

60-Nd-141m

MAT 6023

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-141m

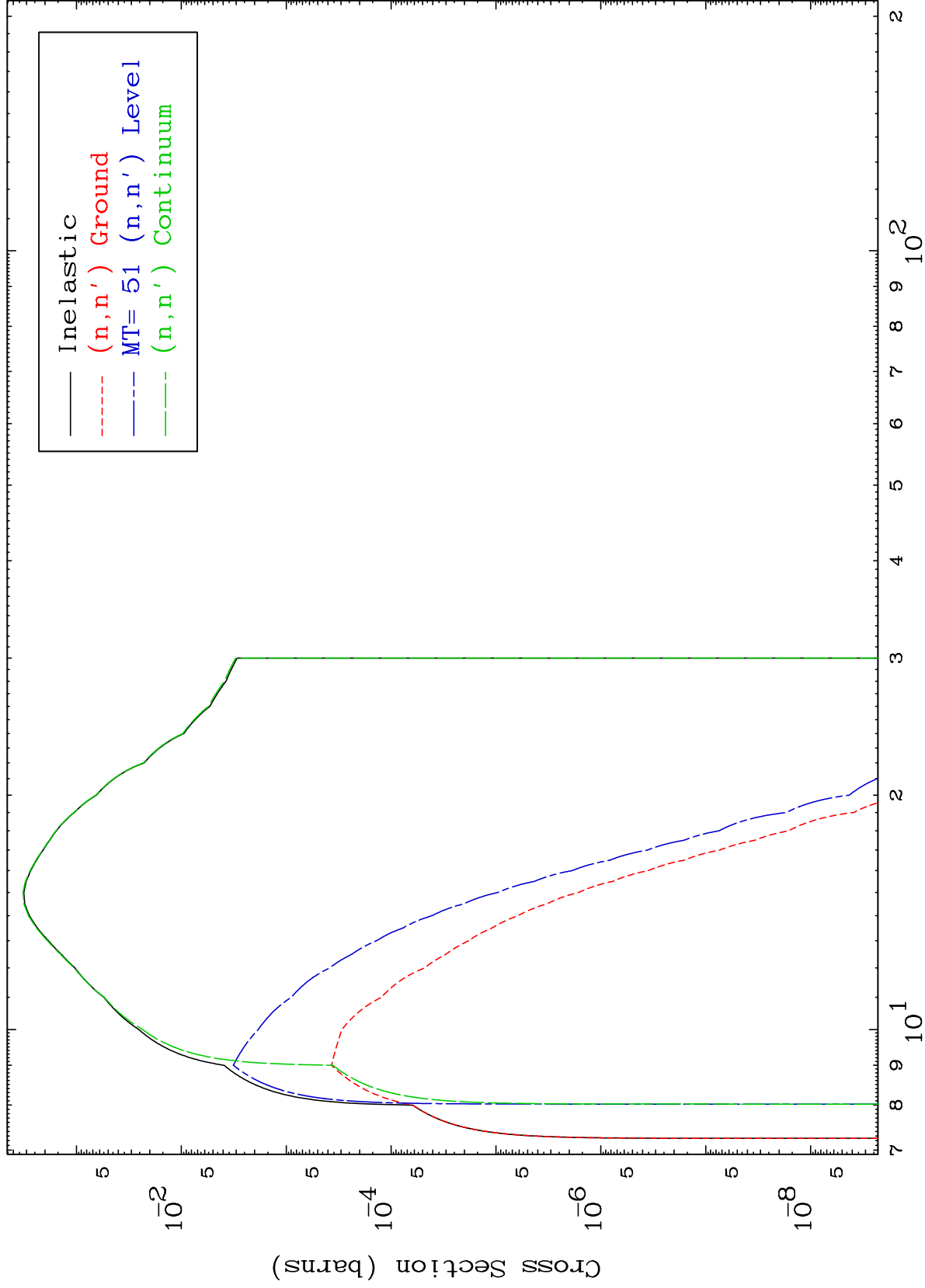


MAT 6023

(γ, n') Levels

60-Nd-141m

0 Kelvin Cross Sections



Incident Energy (MeV)

60-Nd-141m

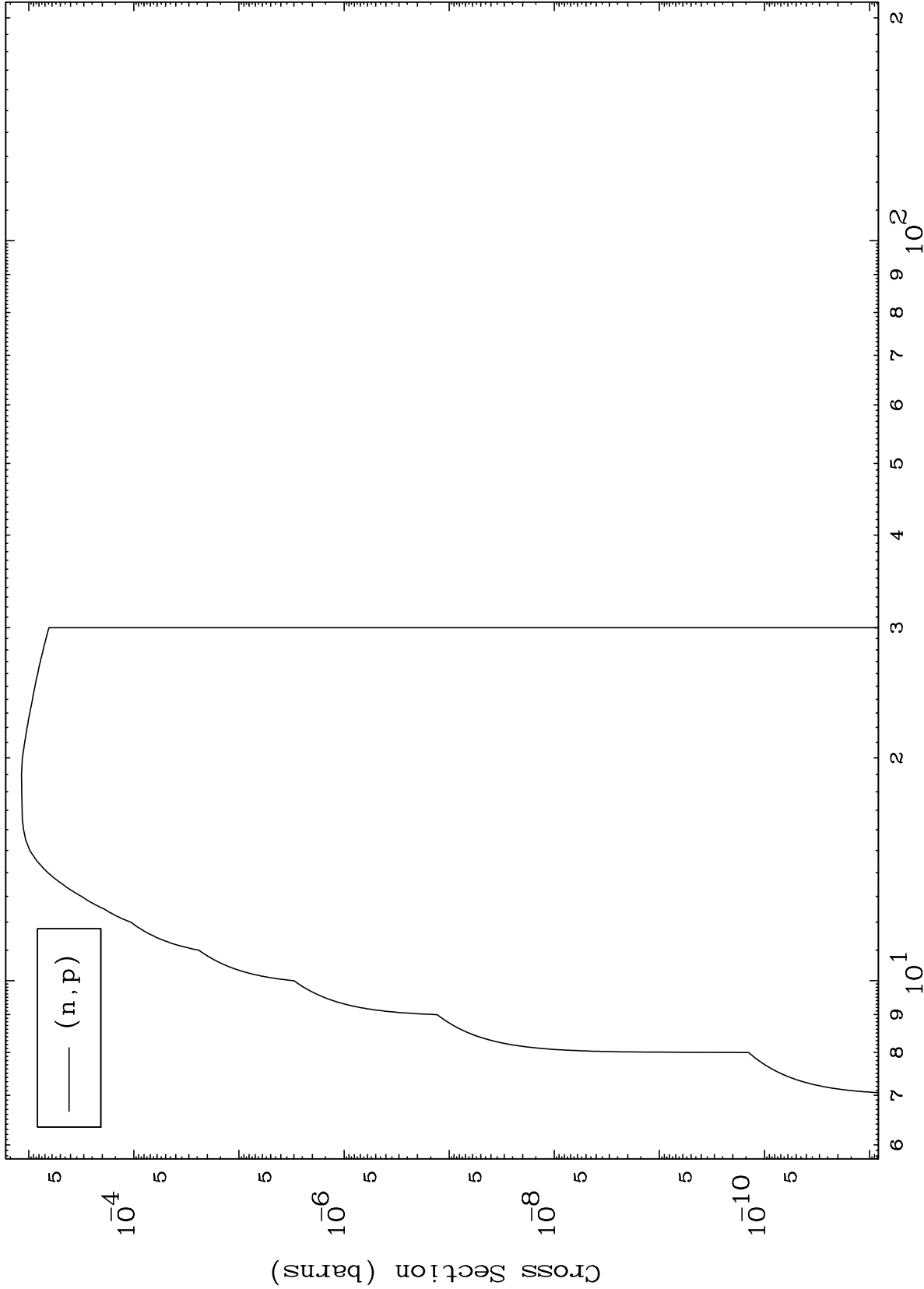
6

MAT 6023

(γ, p) Levels

60-Nd-141m

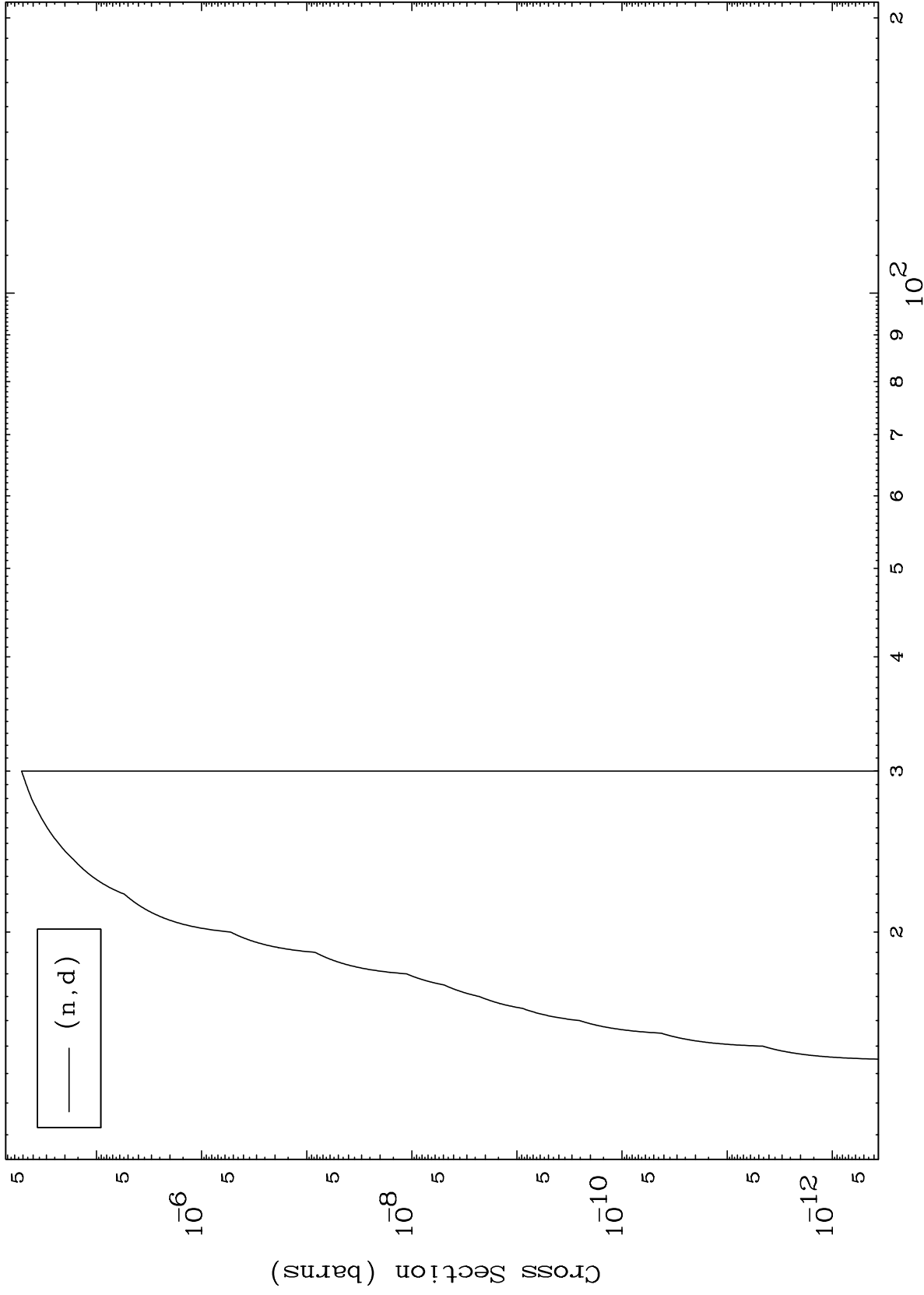
0 Kelvin Cross Sections



7

Incident Energy (MeV)

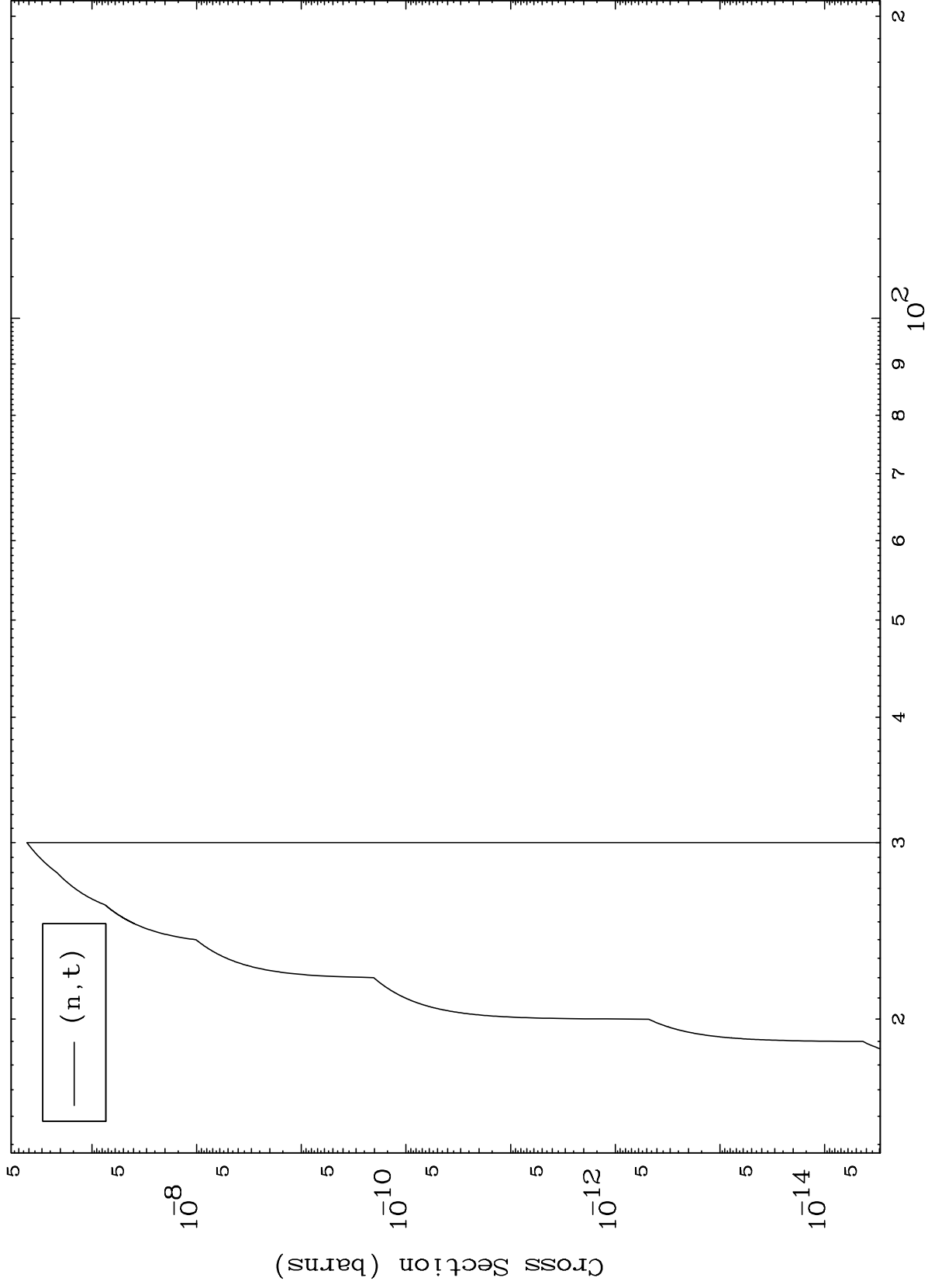
60-Nd-141m



MAT 6023

(γ, t) Levels
0 Kelvin Cross Sections

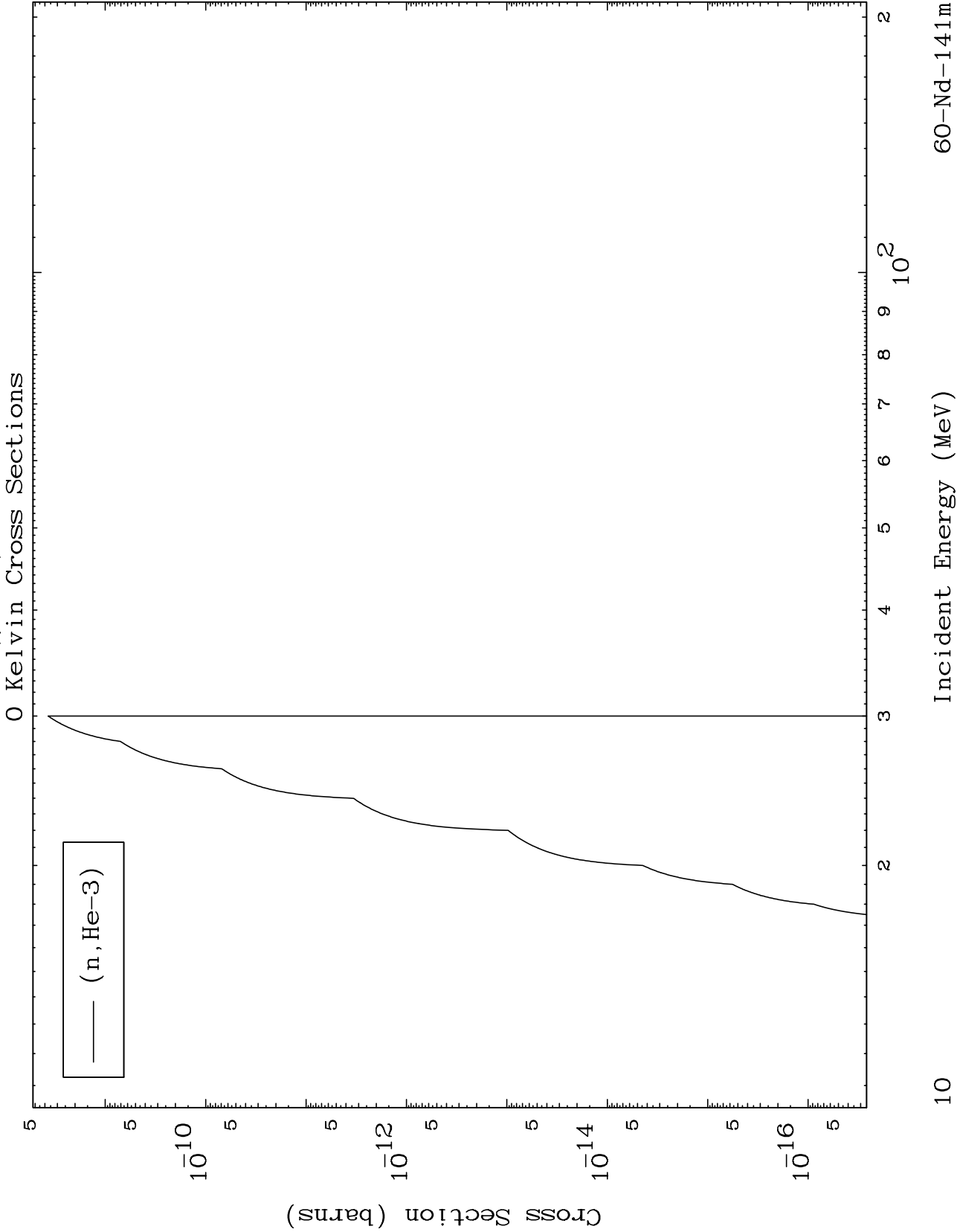
60-Nd-141m



MAT 6023

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

60-Nd-141m



10

Incident Energy (MeV)

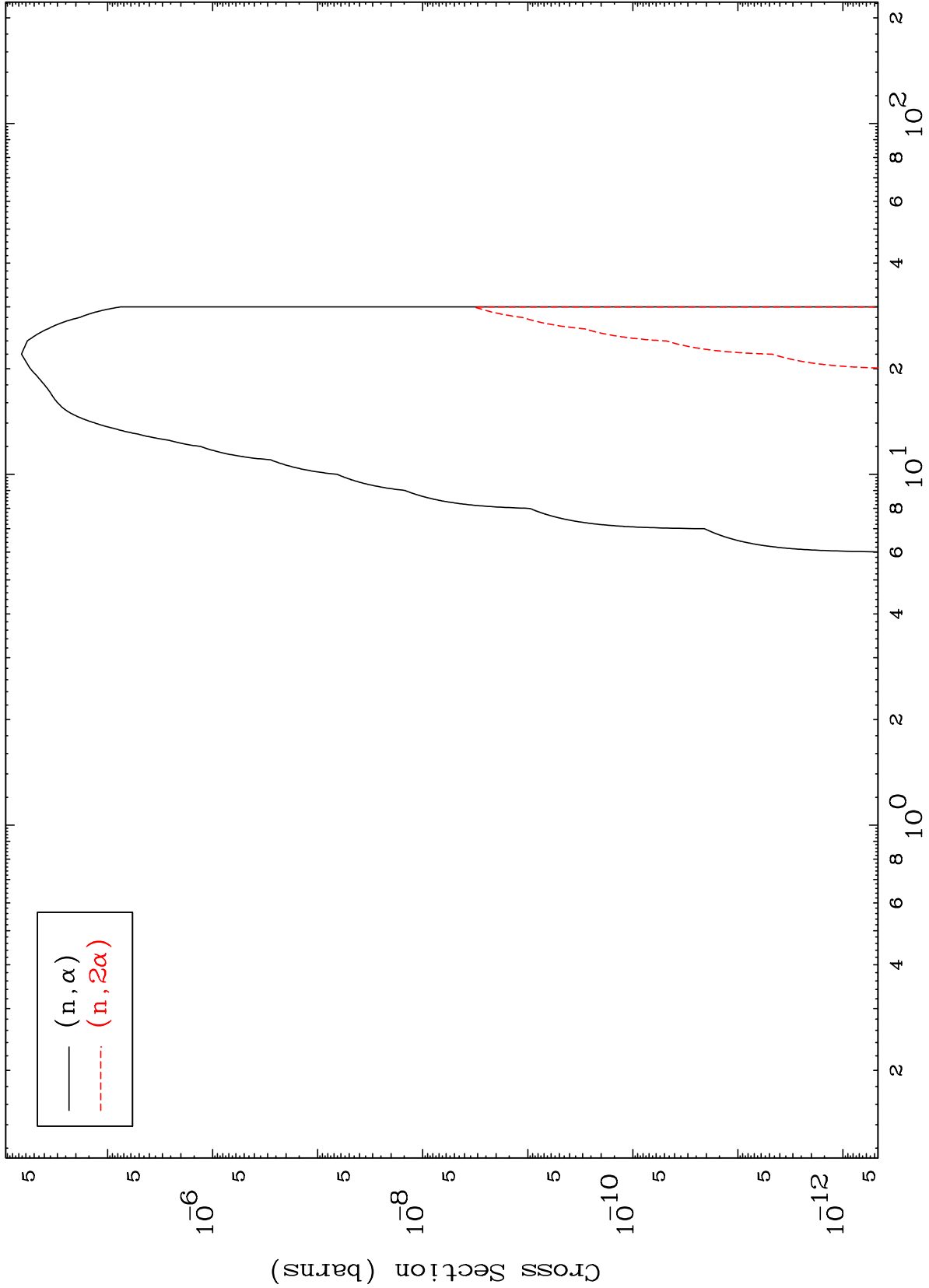
60-Nd-141m

MAT 6023

(γ, α) Levels

60-Nd-141m

0 Kelvin Cross Sections

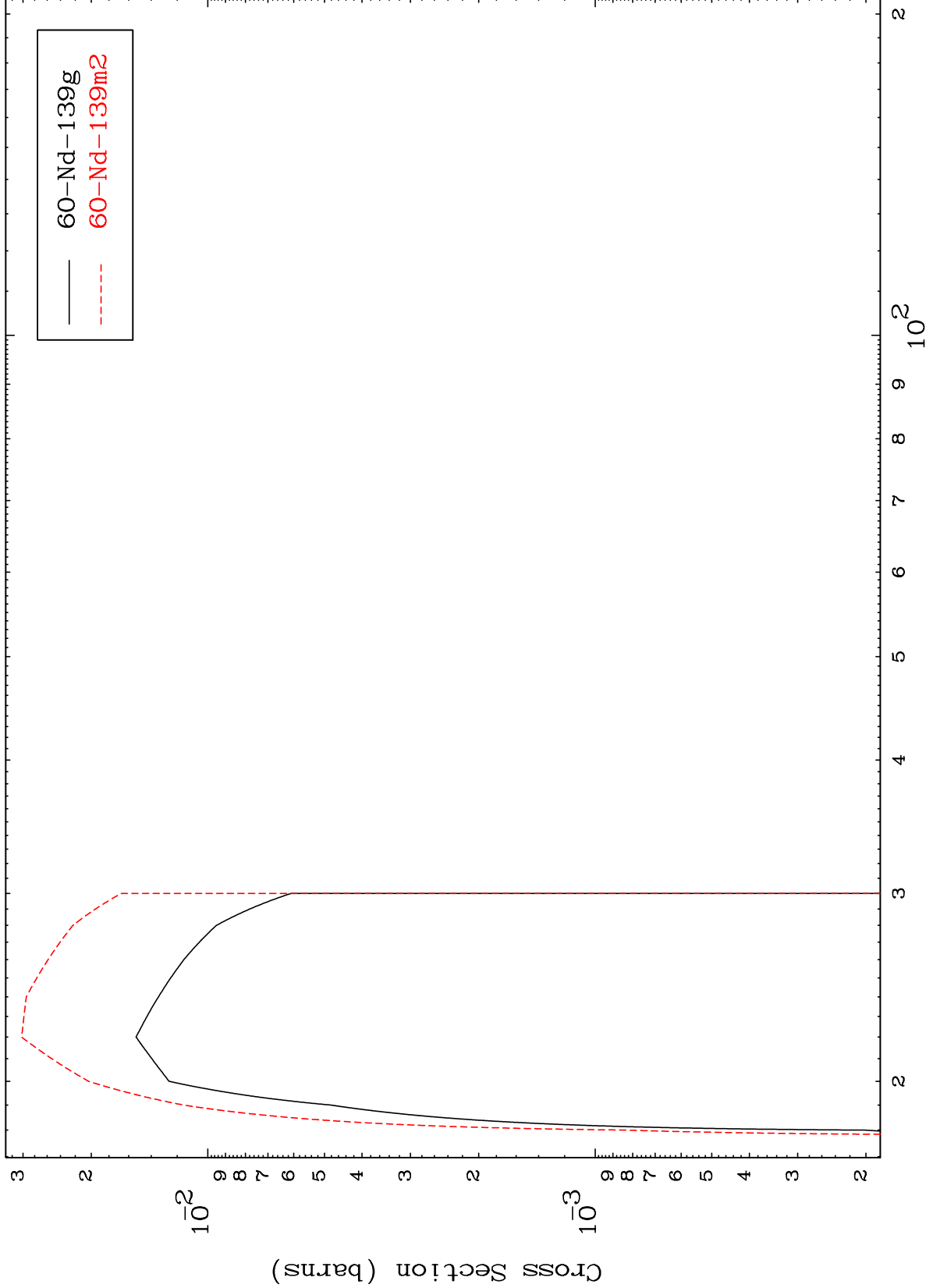


MAT 6023

(n,2n)

60-Nd-141m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

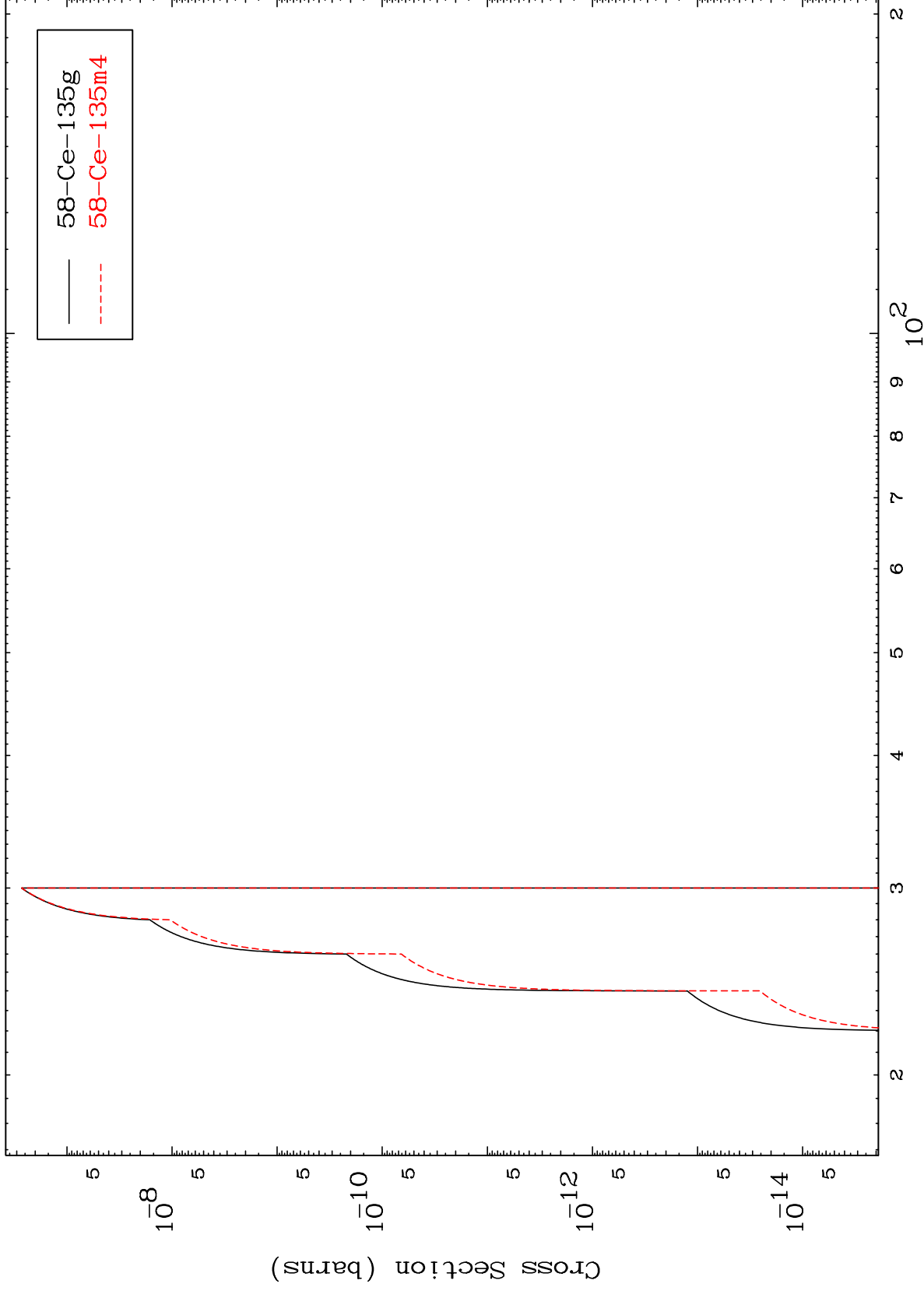
60-Nd-141m

MAT 6023

$(n,2n) \alpha$

60-Nd-141m

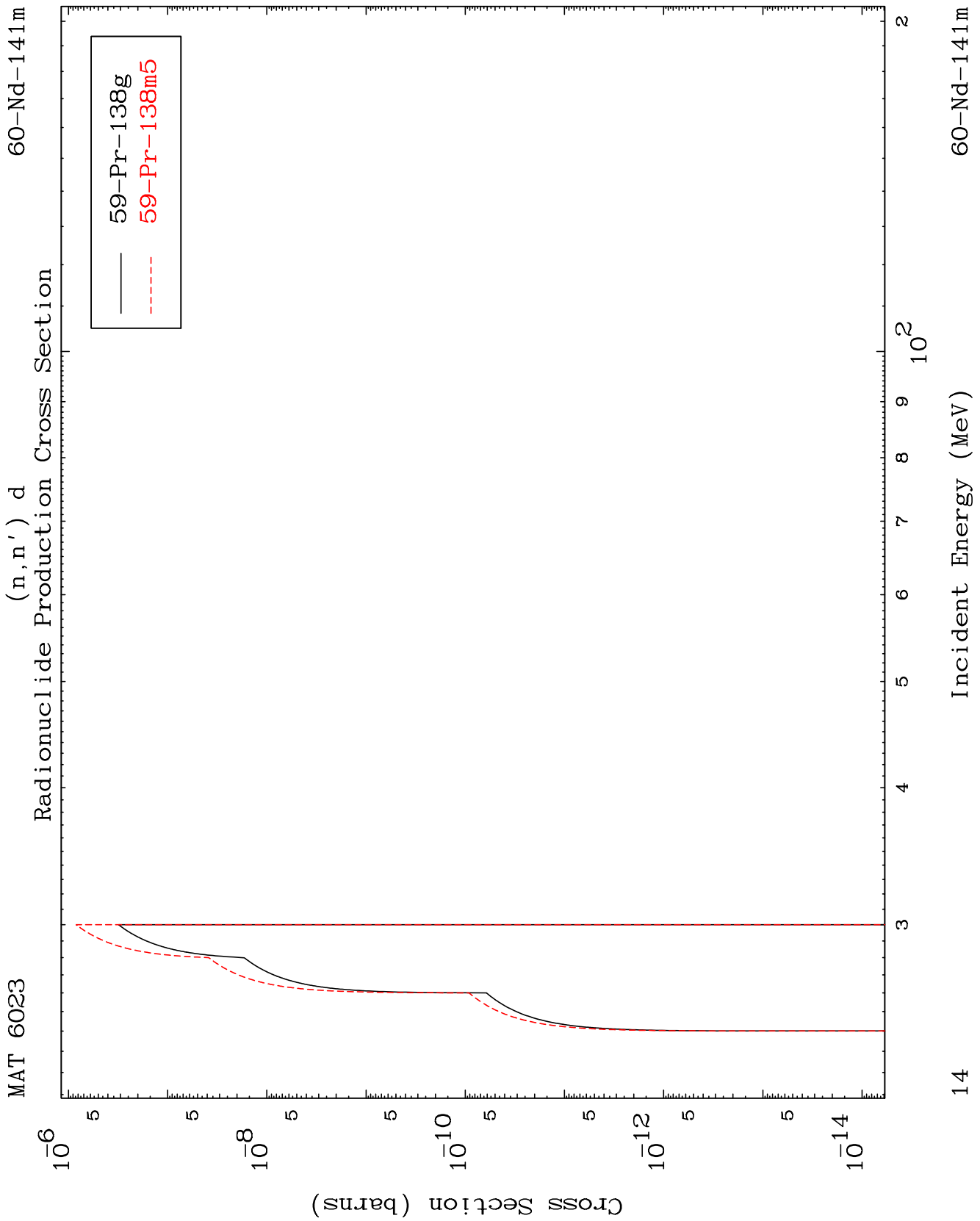
Radionuclide Production Cross Section



13

Incident Energy (MeV)

60-Nd-141m

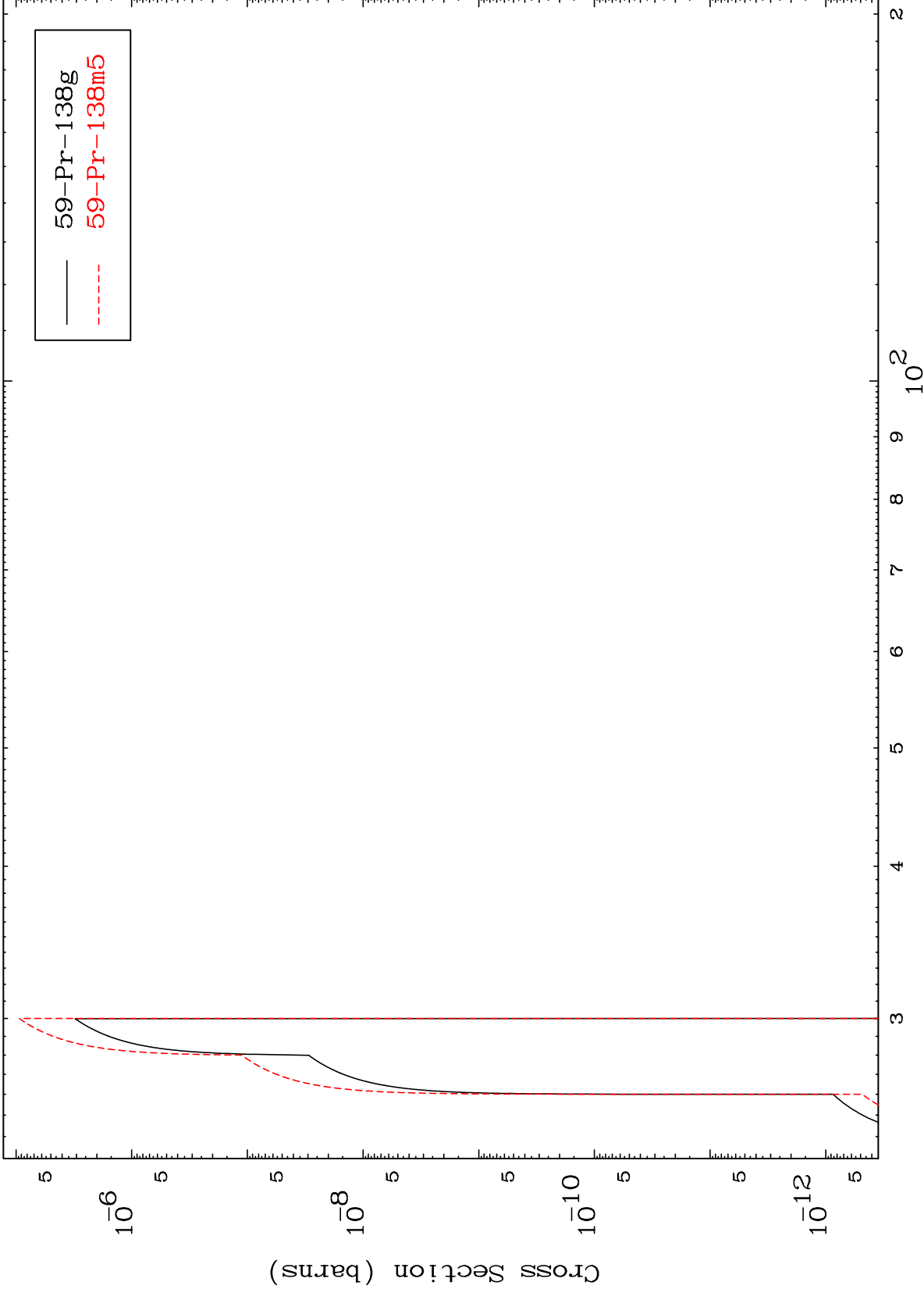


MAT 6023

(n,2n) p

60-Nd-141m

Radionuclide Production Cross Section



60-Nd-141m

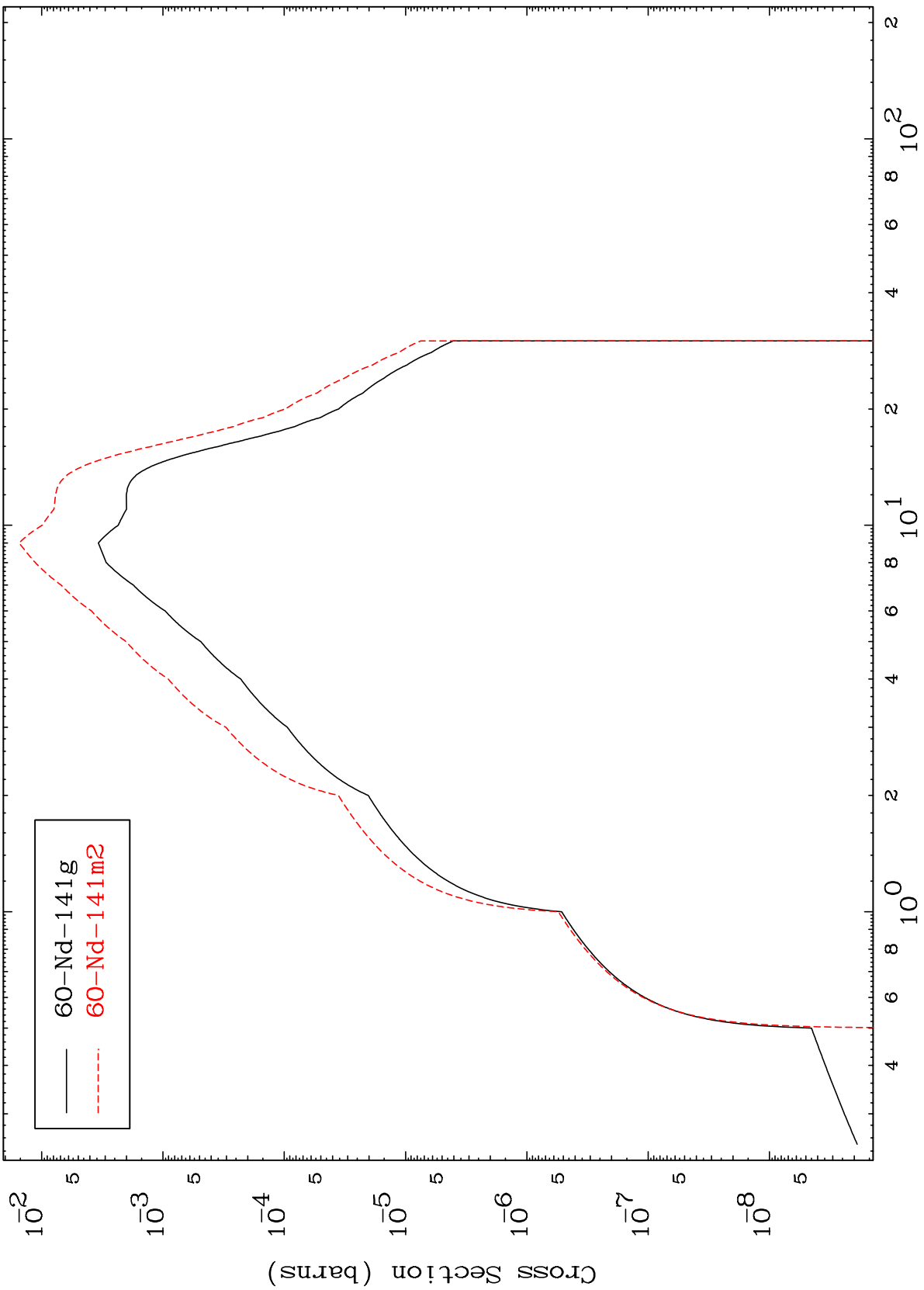
Incident Energy (MeV)

15

MAT 6023

60-Nd-141m

Radionuclide Production Cross Section
(n, γ)



60-Nd-141g
60-Nd-141m2

60-Nd-141m

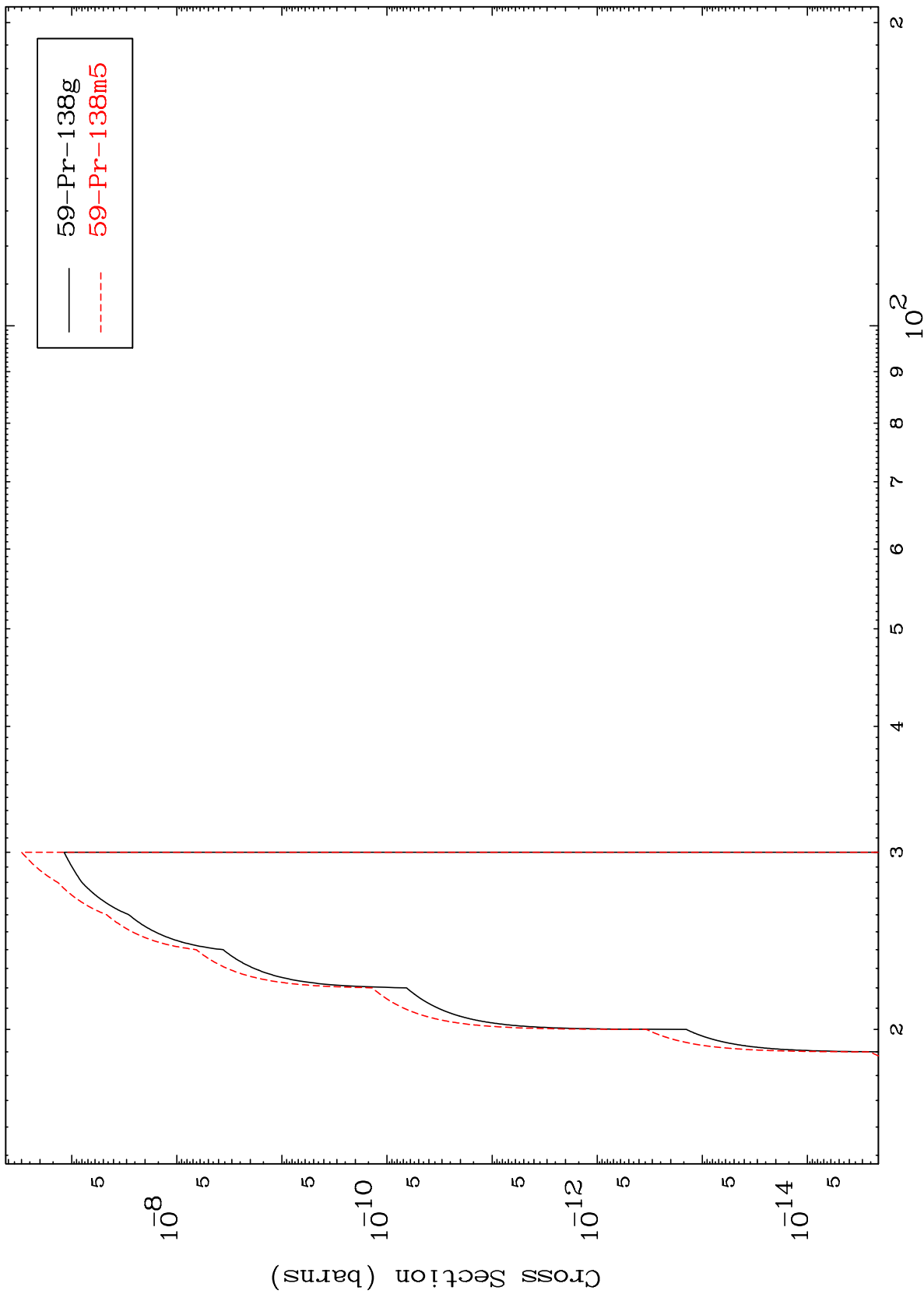
Incident Energy (MeV)

16

MAT 6023

60-Nd-141m

(n,t)
Radionuclide Production Cross Section



17

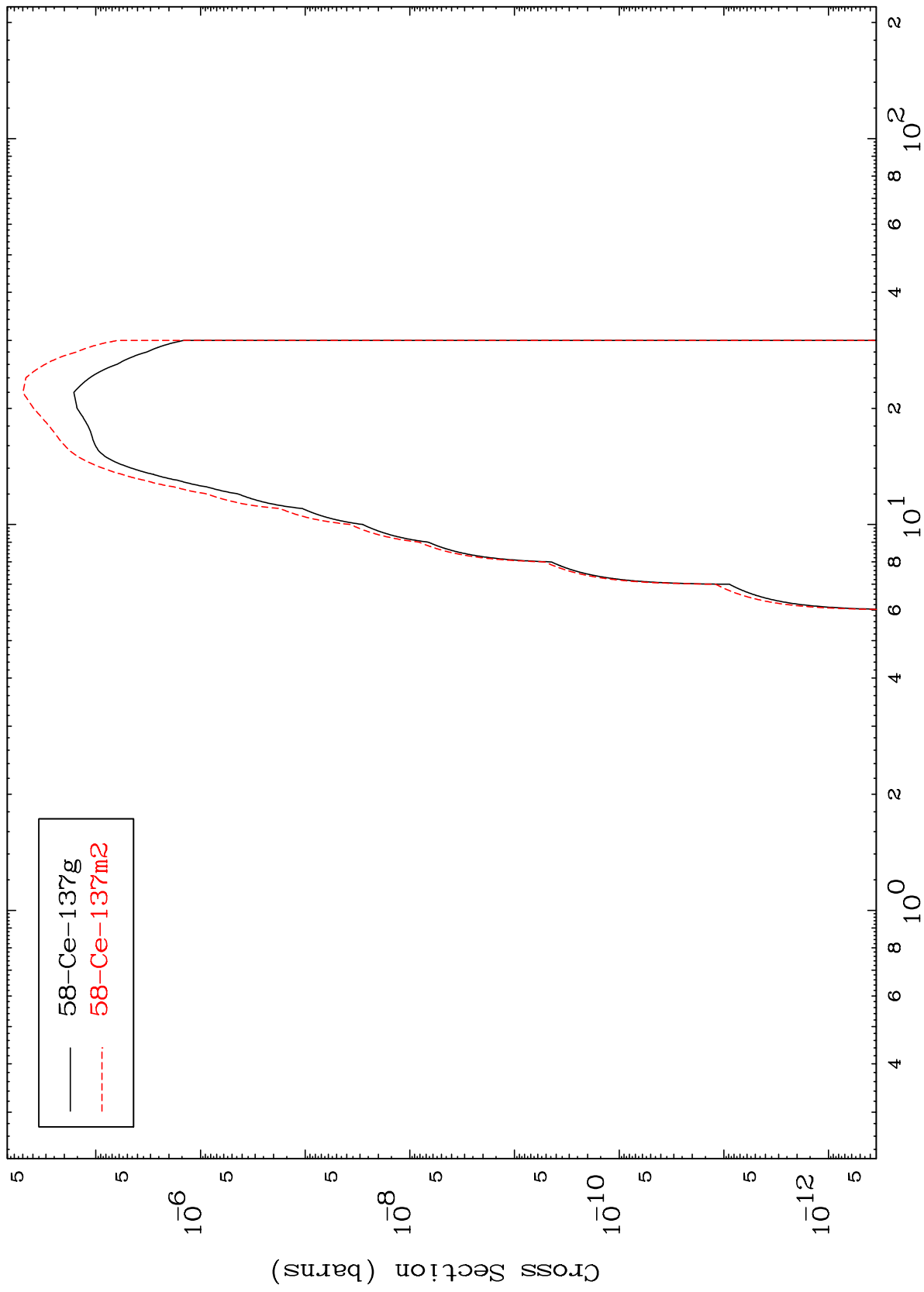
Incident Energy (MeV)

60-Nd-141m

MAT 6023

60-Nd-141m

Radionuclide Production Cross Section



60-Nd-141m

Incident Energy (MeV)

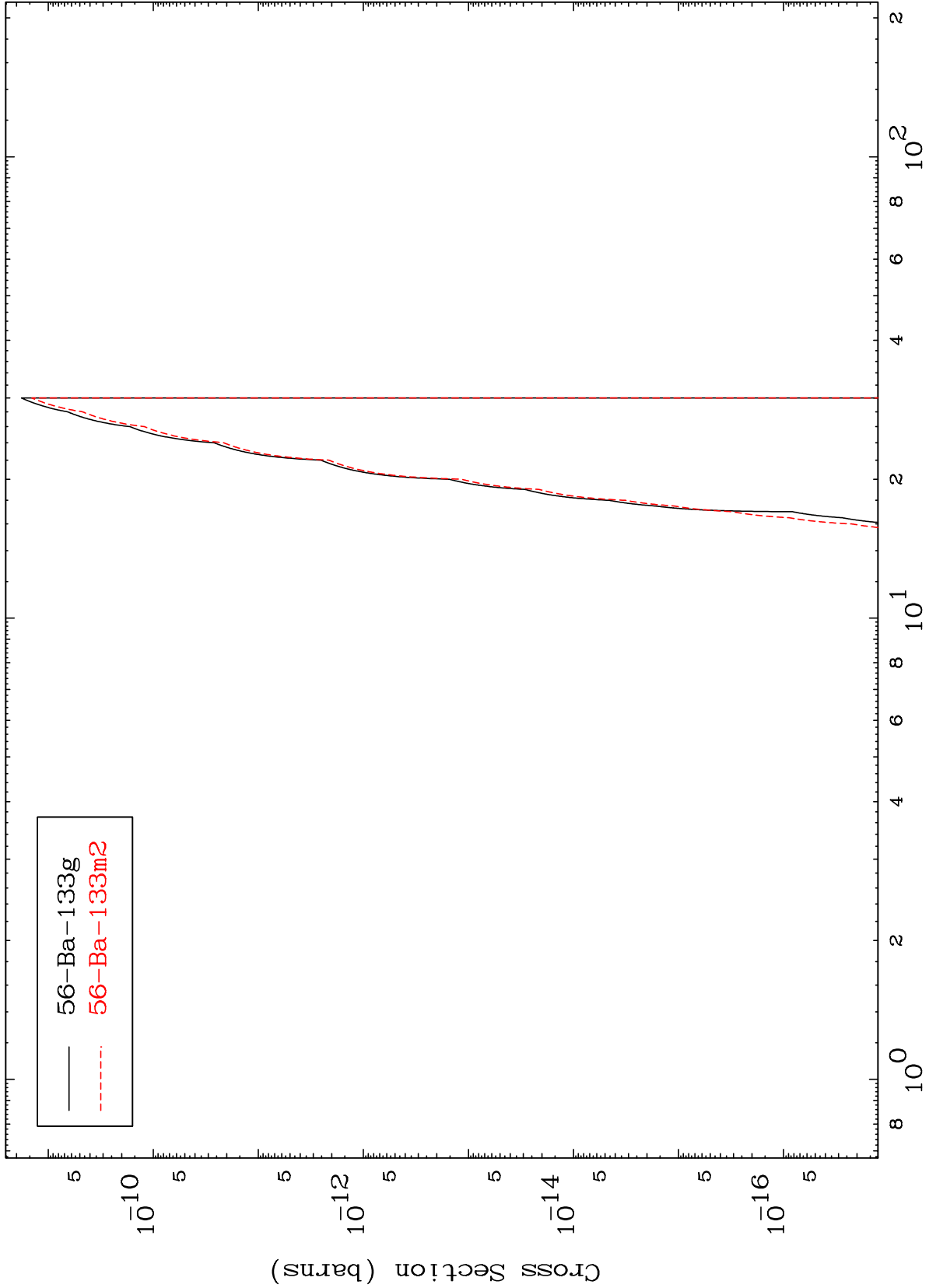
18

MAT 6023

(n,2α)

60-Nd-141m

Radionuclide Production Cross Section

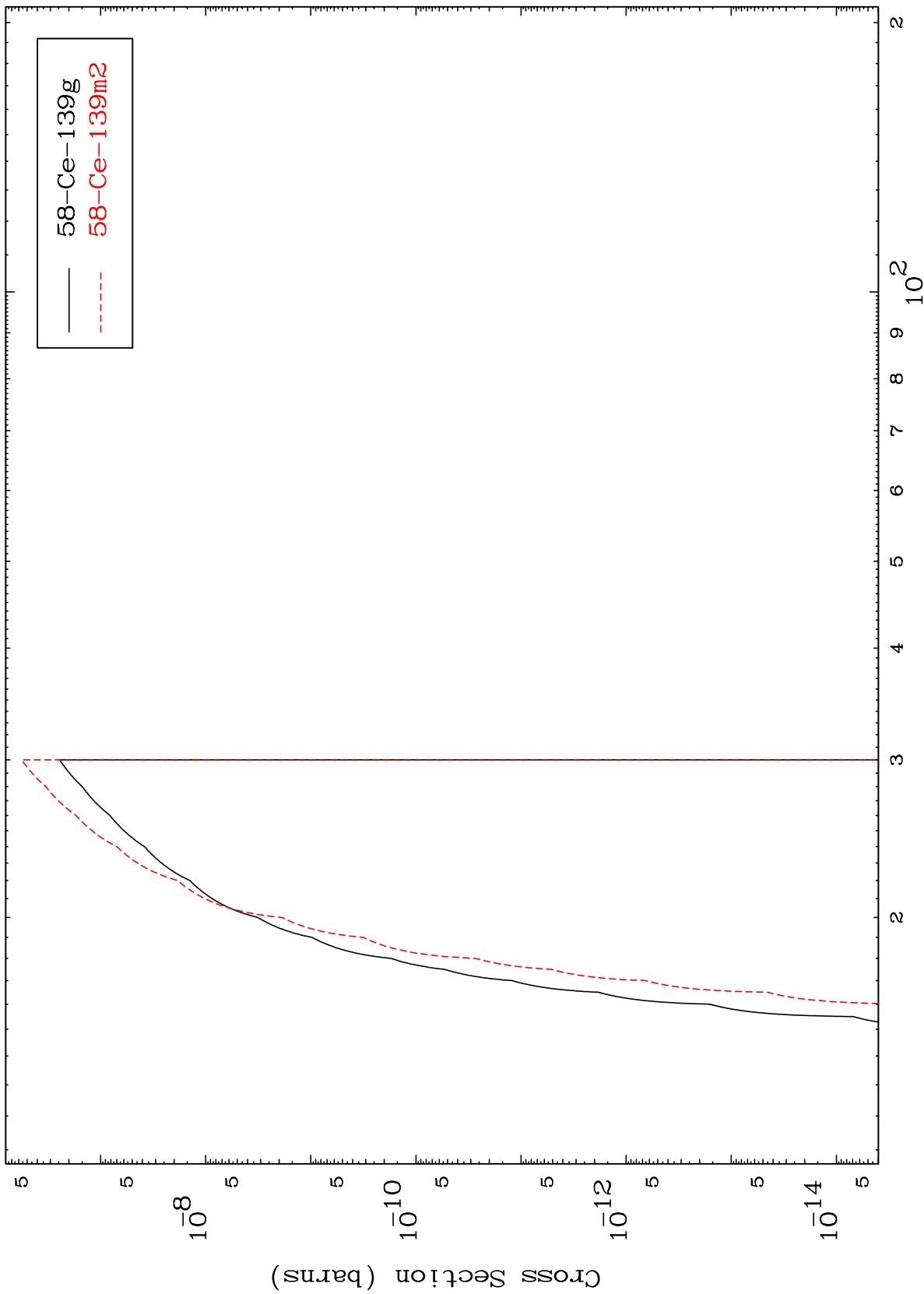


56-Ba-133g
56-Ba-133m2

MAT 6023

60-Nd-141m

(n,2p)
Radionuclide Production Cross Section



20

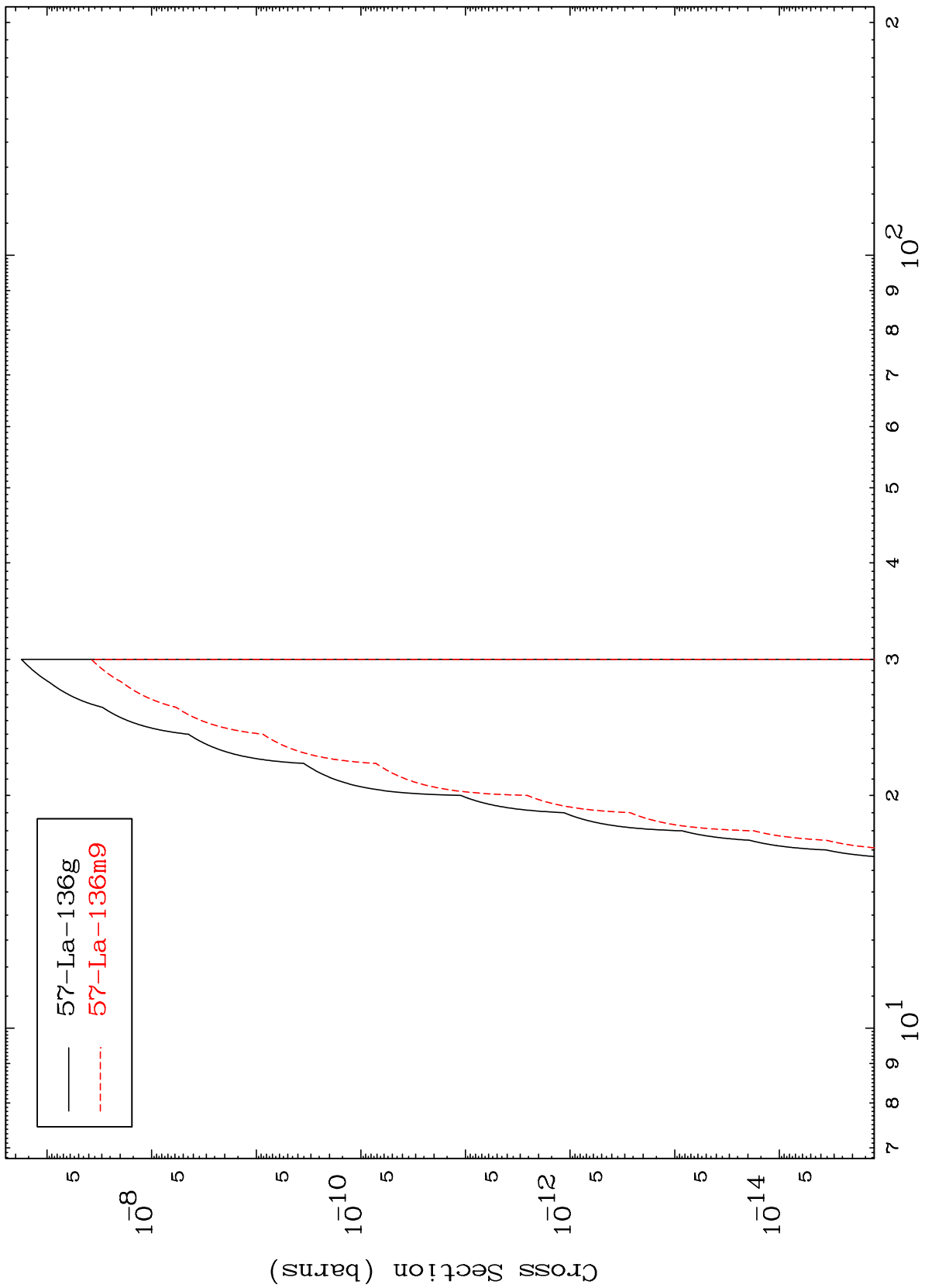
Incident Energy (MeV)

60-Nd-141m

MAT 6023

60-Nd-141m

(n,p) α
Radionuclide Production Cross Section



21

60-Nd-141m

Incident Energy (MeV)