

Program EVALPLOT
(Version 2021-1)

by

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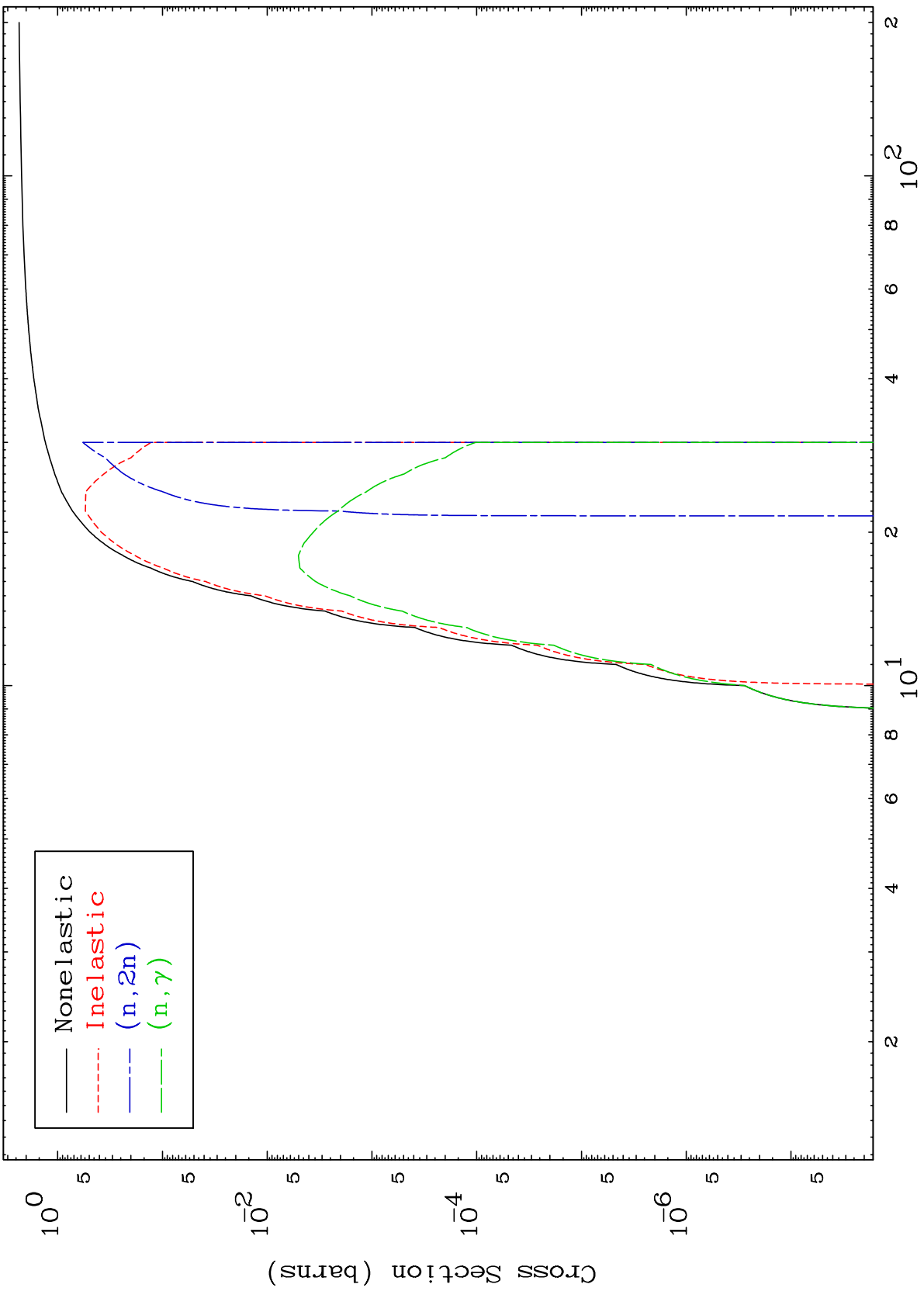
Press Mouse Button to Start

MAT 6010

α Major

60-Nd-137

0 Kelvin Cross Sections



1

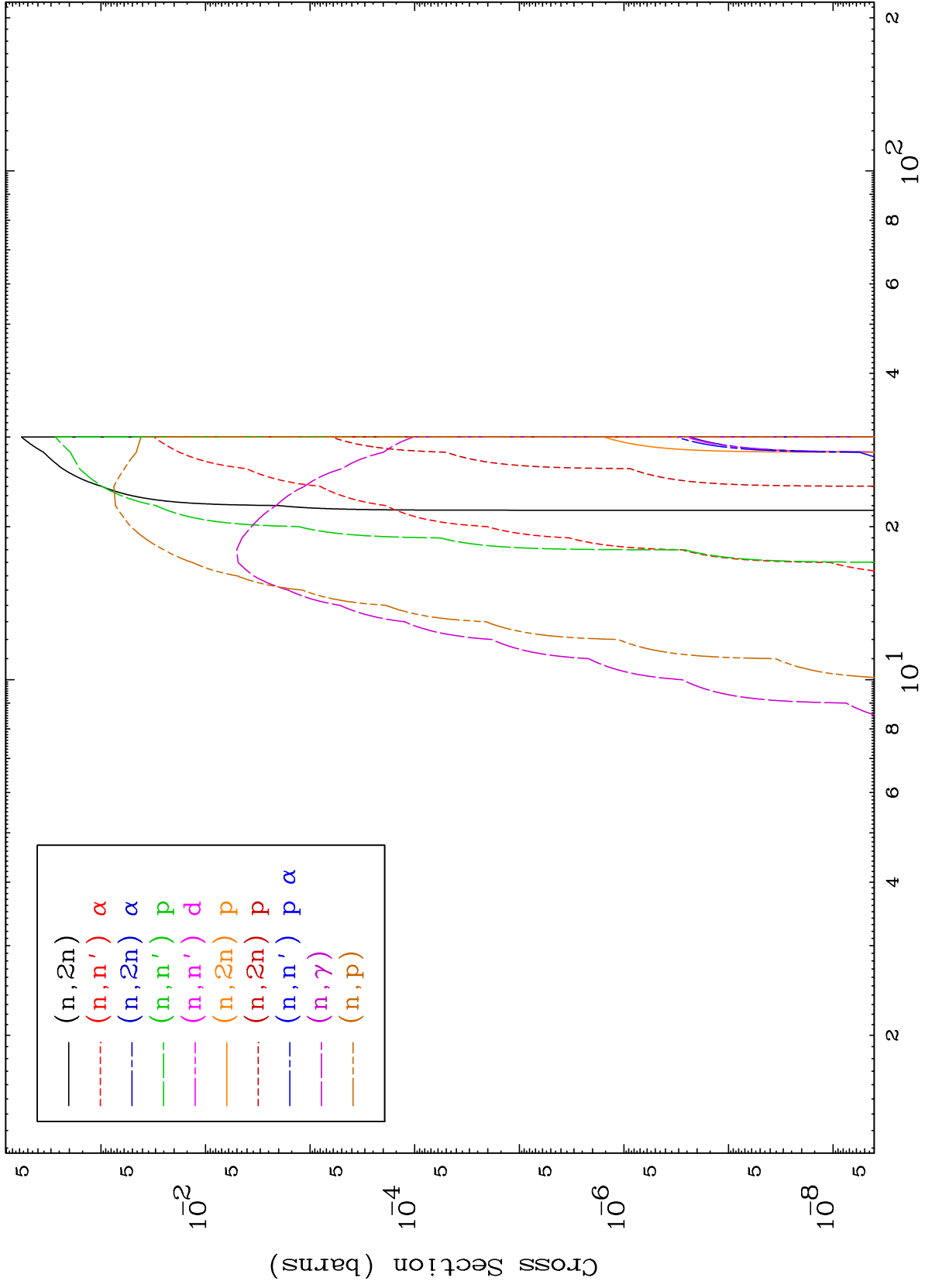
Incident Energy (MeV)

60-Nd-137

MAT 6010

α Neutron Absorption
0 Kelvin Cross Sections

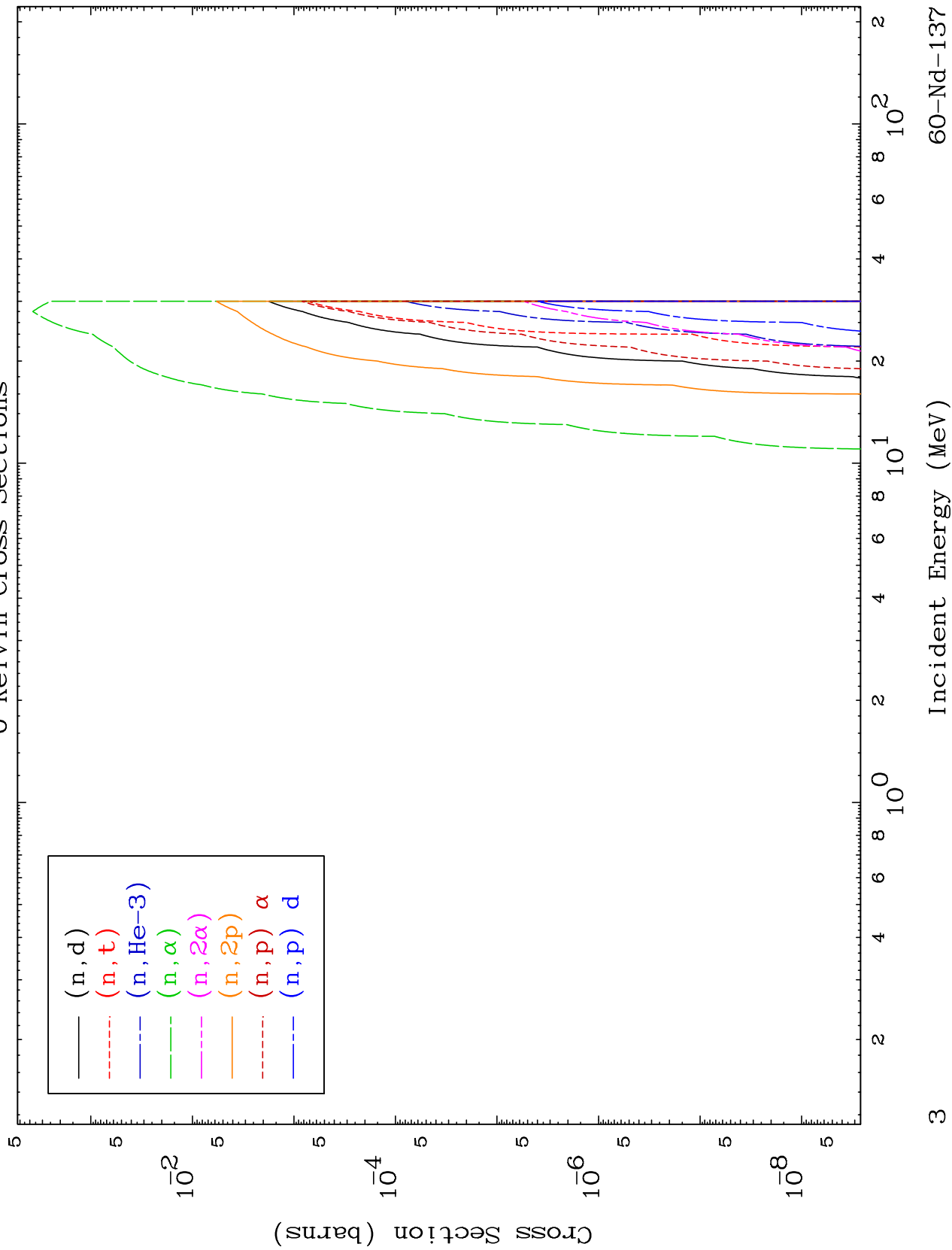
60-Nd-137



MAT 6010

α Neutron Absorption
0 Kelvin Cross Sections

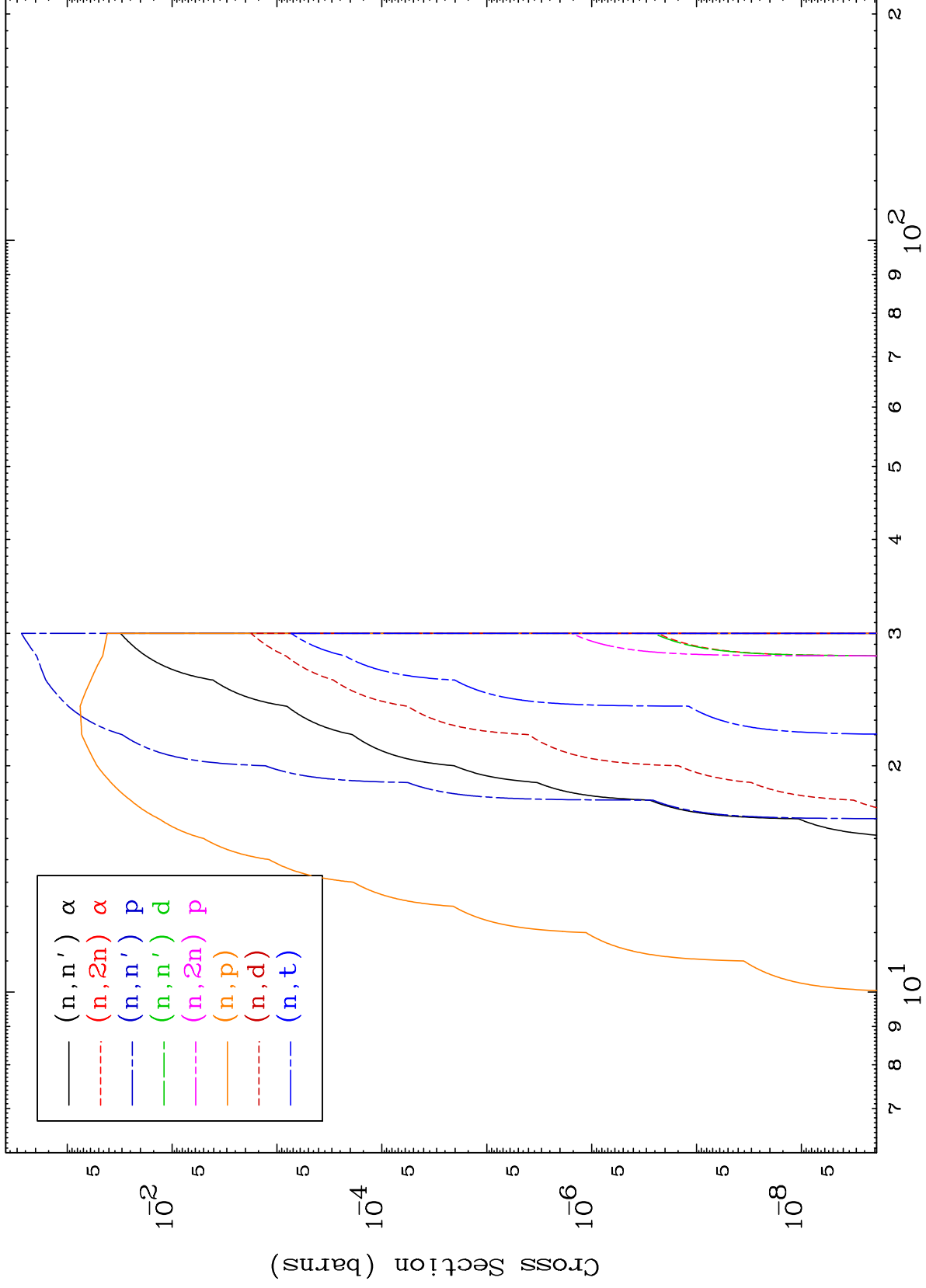
60-Nd-137



MAT 6010

α Charged Particle
0 Kelvin Cross Sections

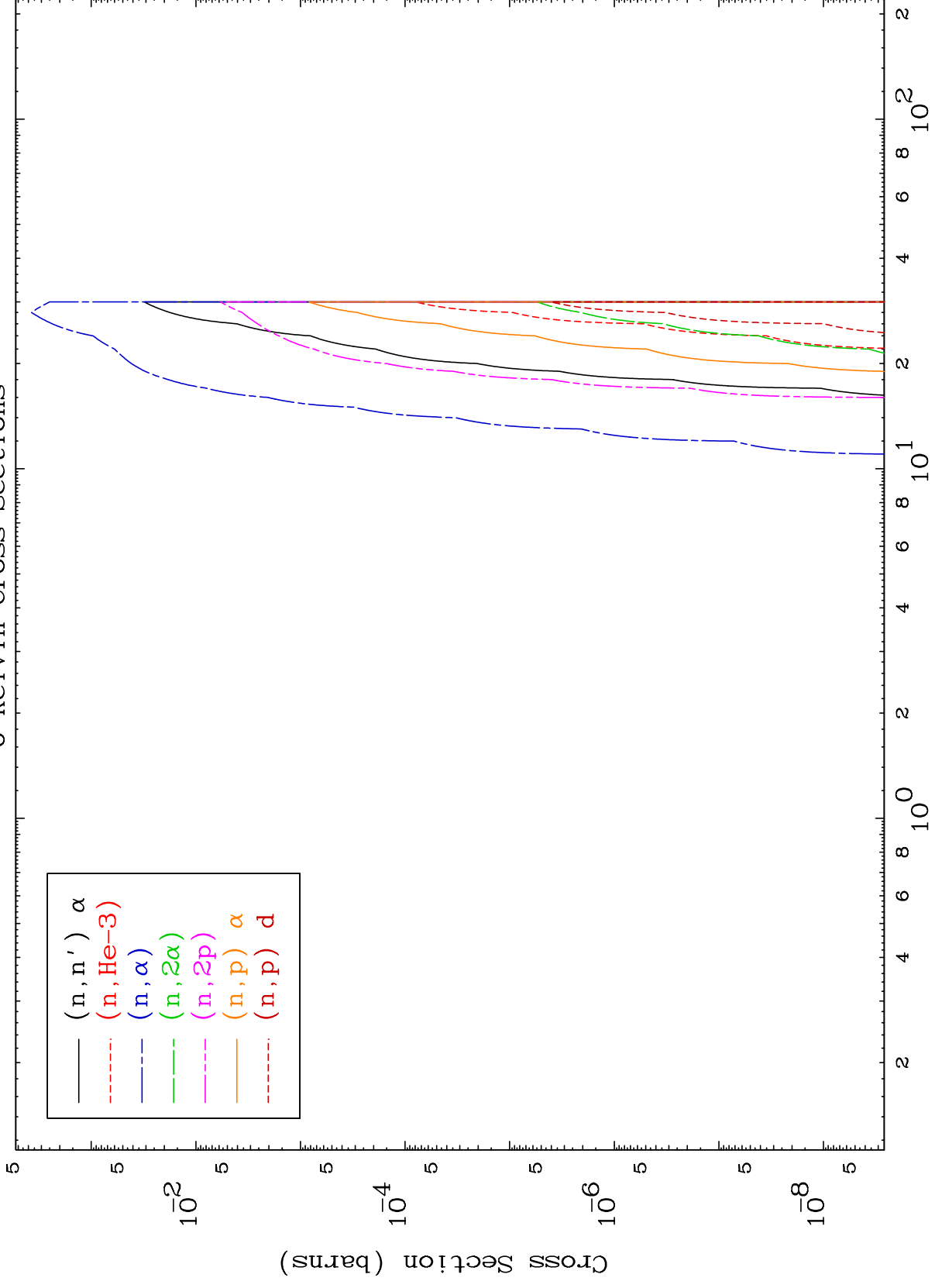
60-Nd-137



MAT 6010

α Charged Particle
0 Kelvin Cross Sections

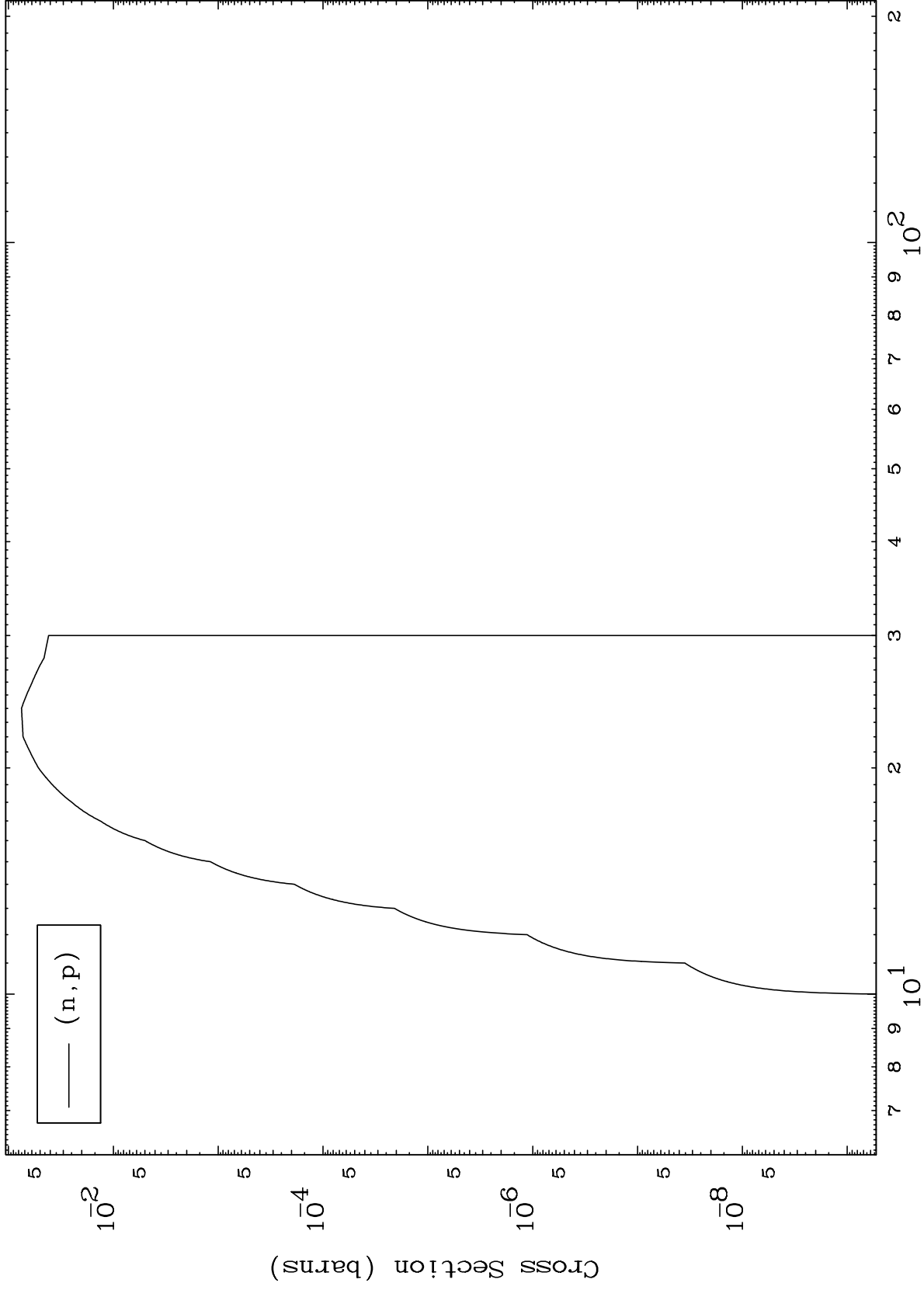
60-Nd-137



MAT 6010

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-137



6

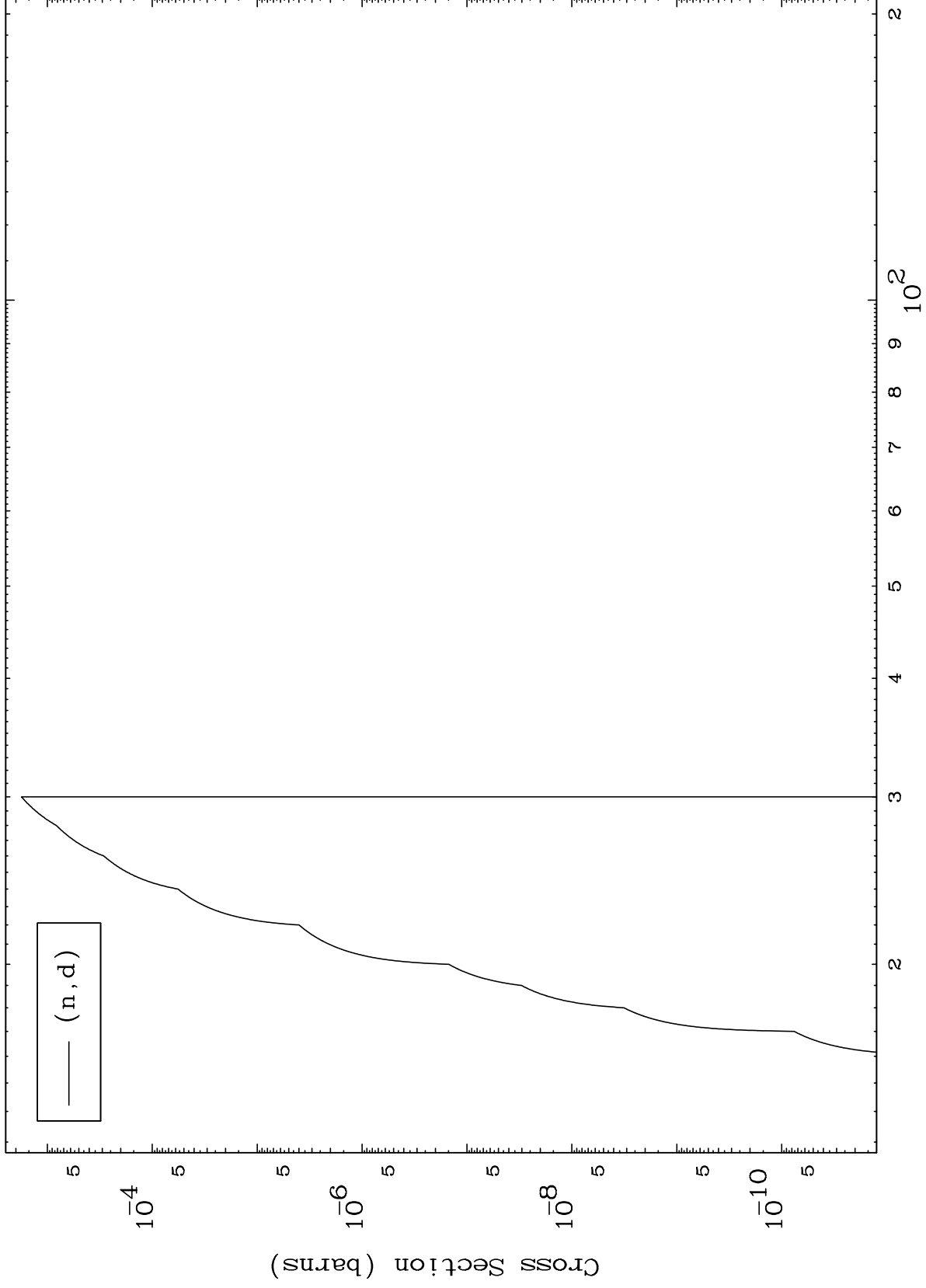
Incident Energy (MeV)

60-Nd-137

MAT 6010

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-137



7

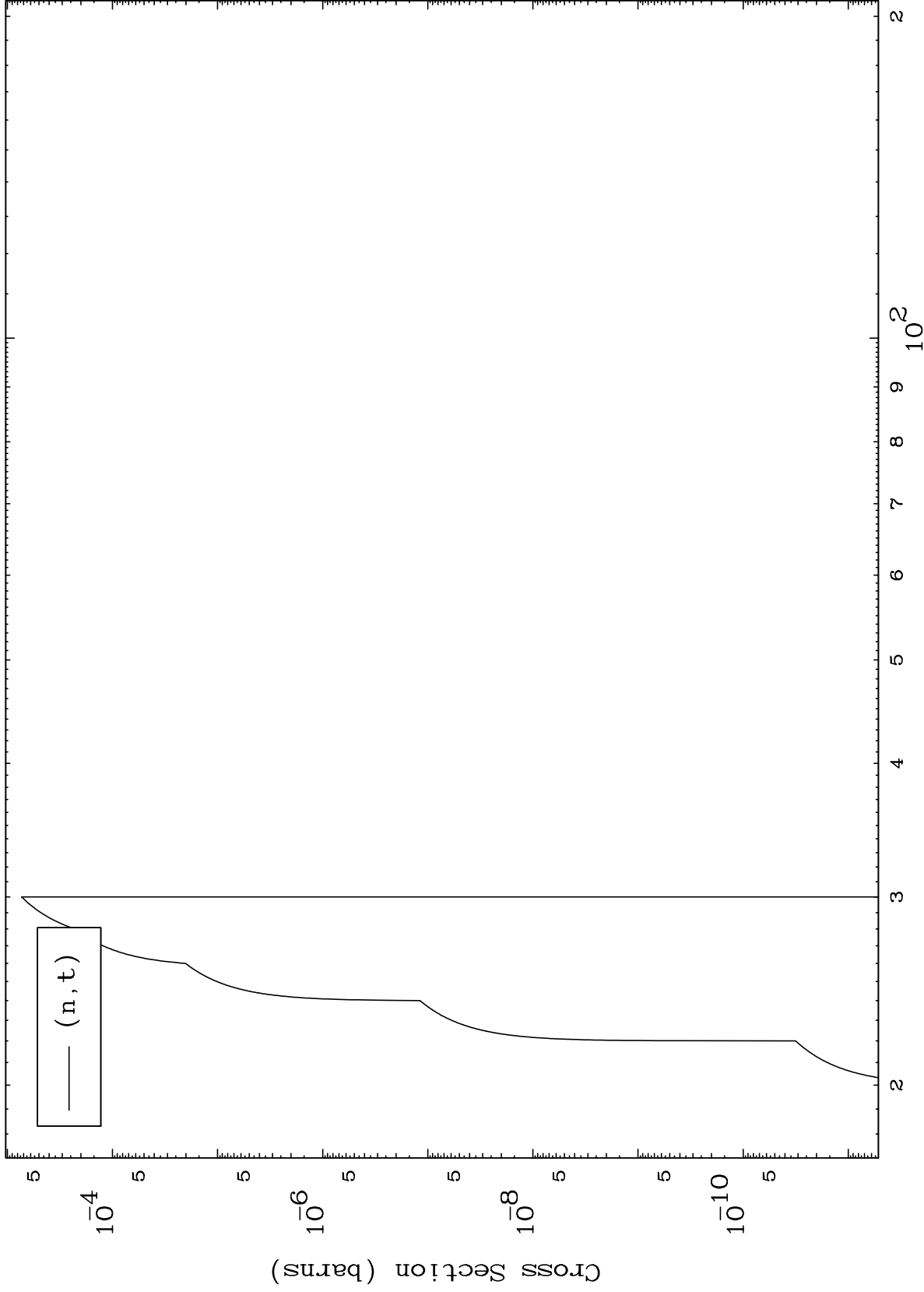
Incident Energy (MeV)

60-Nd-137

MAT 6010

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-137



8

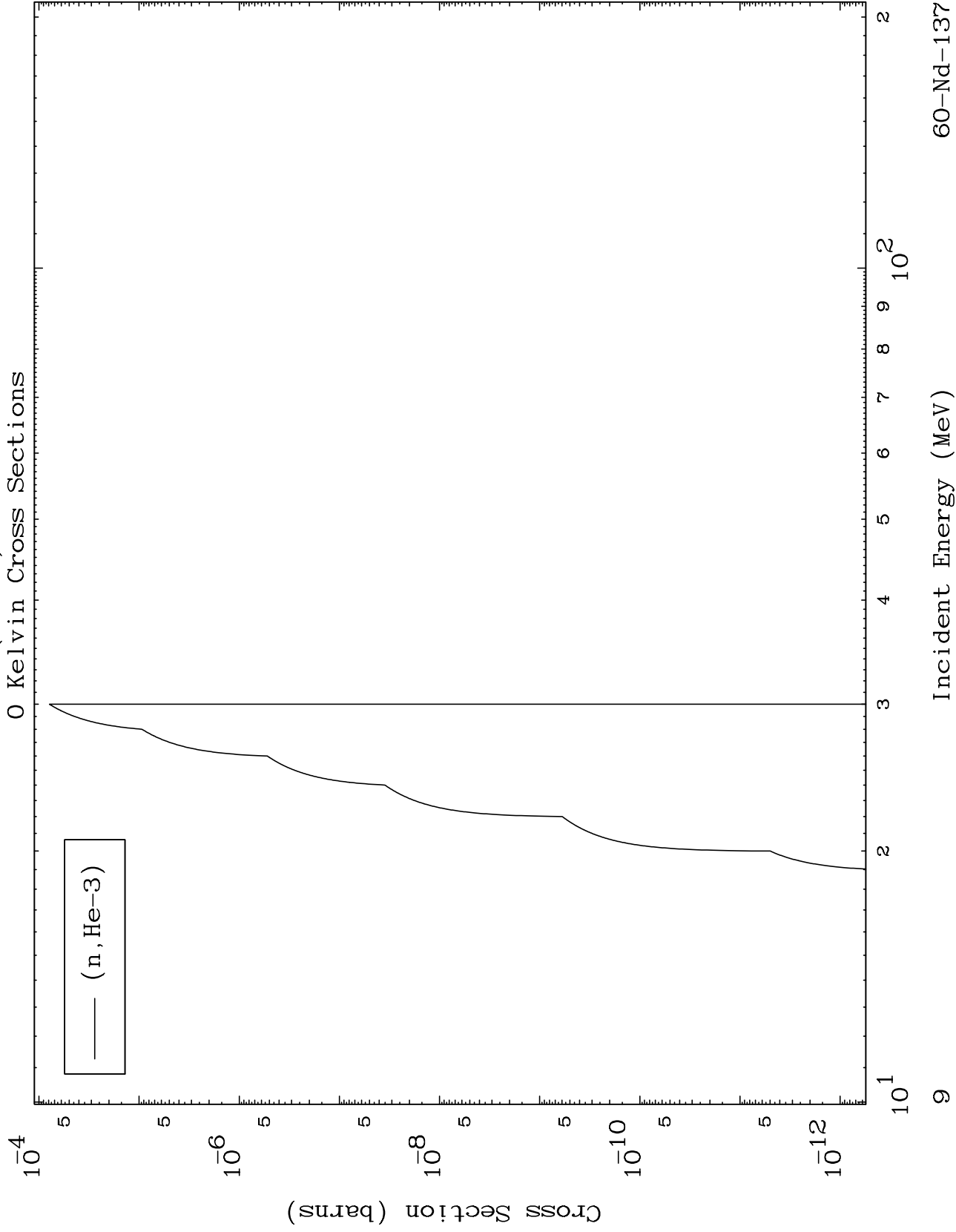
Incident Energy (MeV)

60-Nd-137

MAT 6010

($\alpha, \text{He3}$) Levels

60-Nd-137

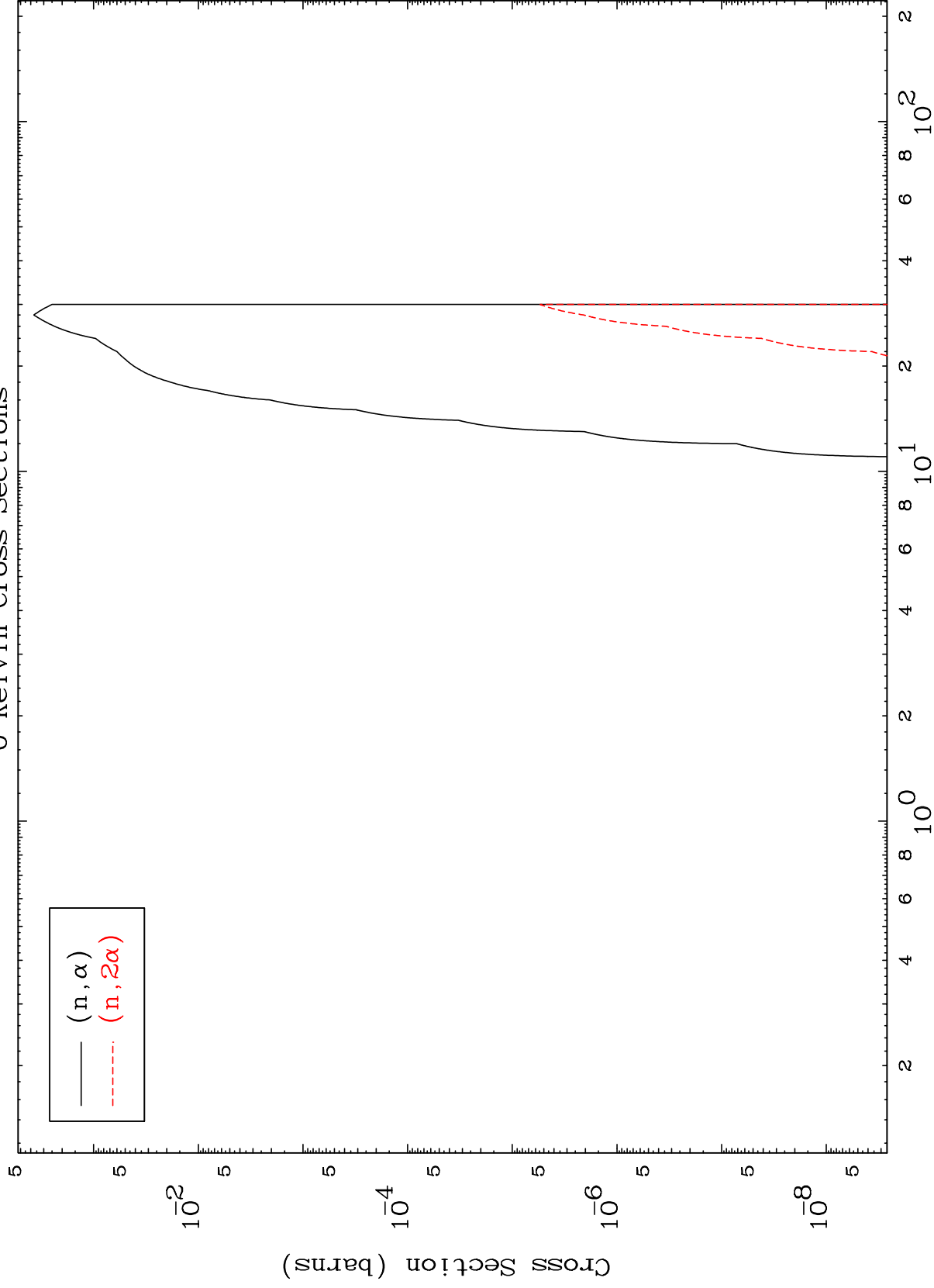


MAT 6010

(α, α) Levels

60-Nd-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

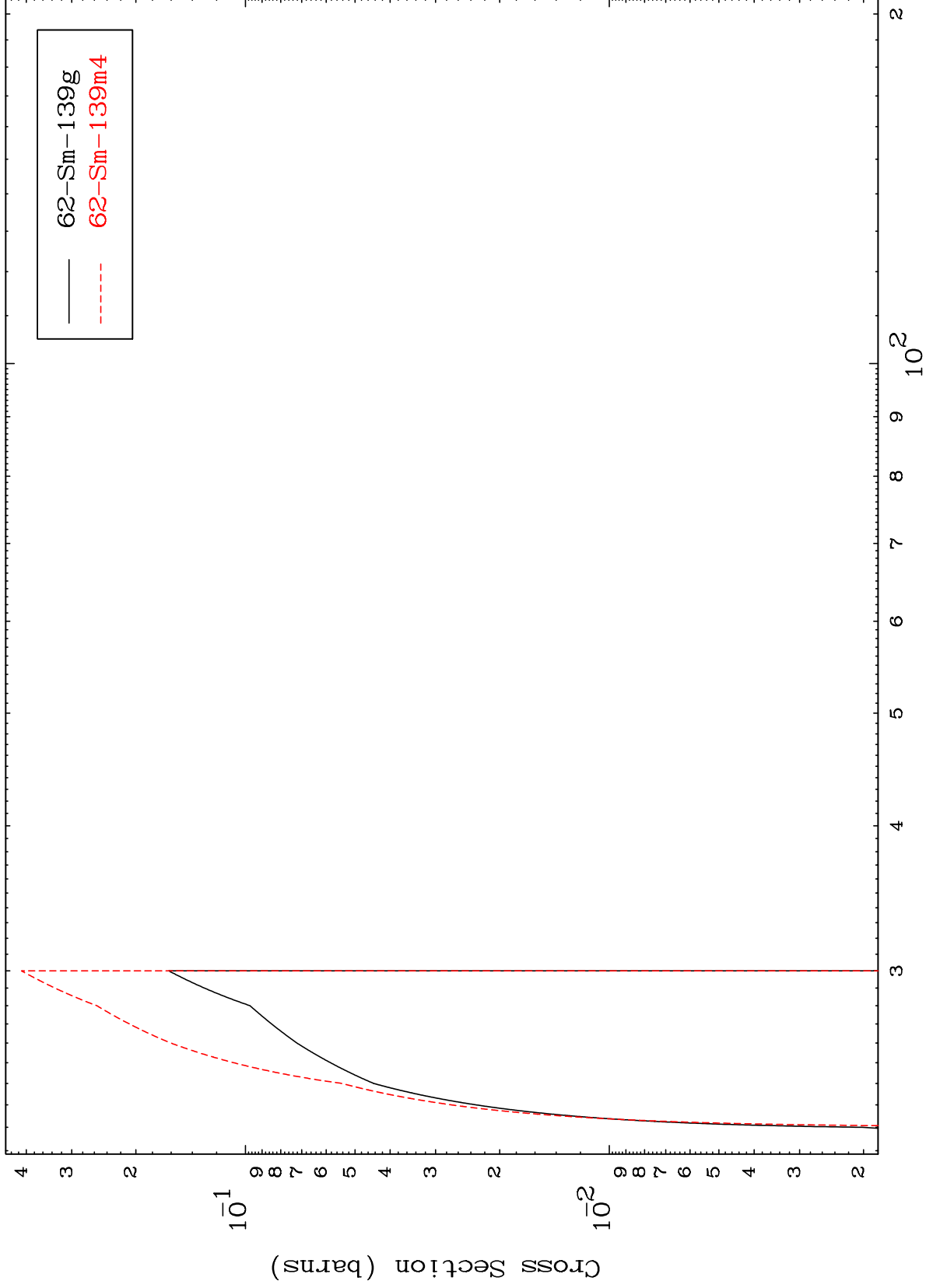
60-Nd-137

MAT 6010

(n,2n)

60-Nd-137

Radionuclide Production Cross Section



11

Incident Energy (MeV)

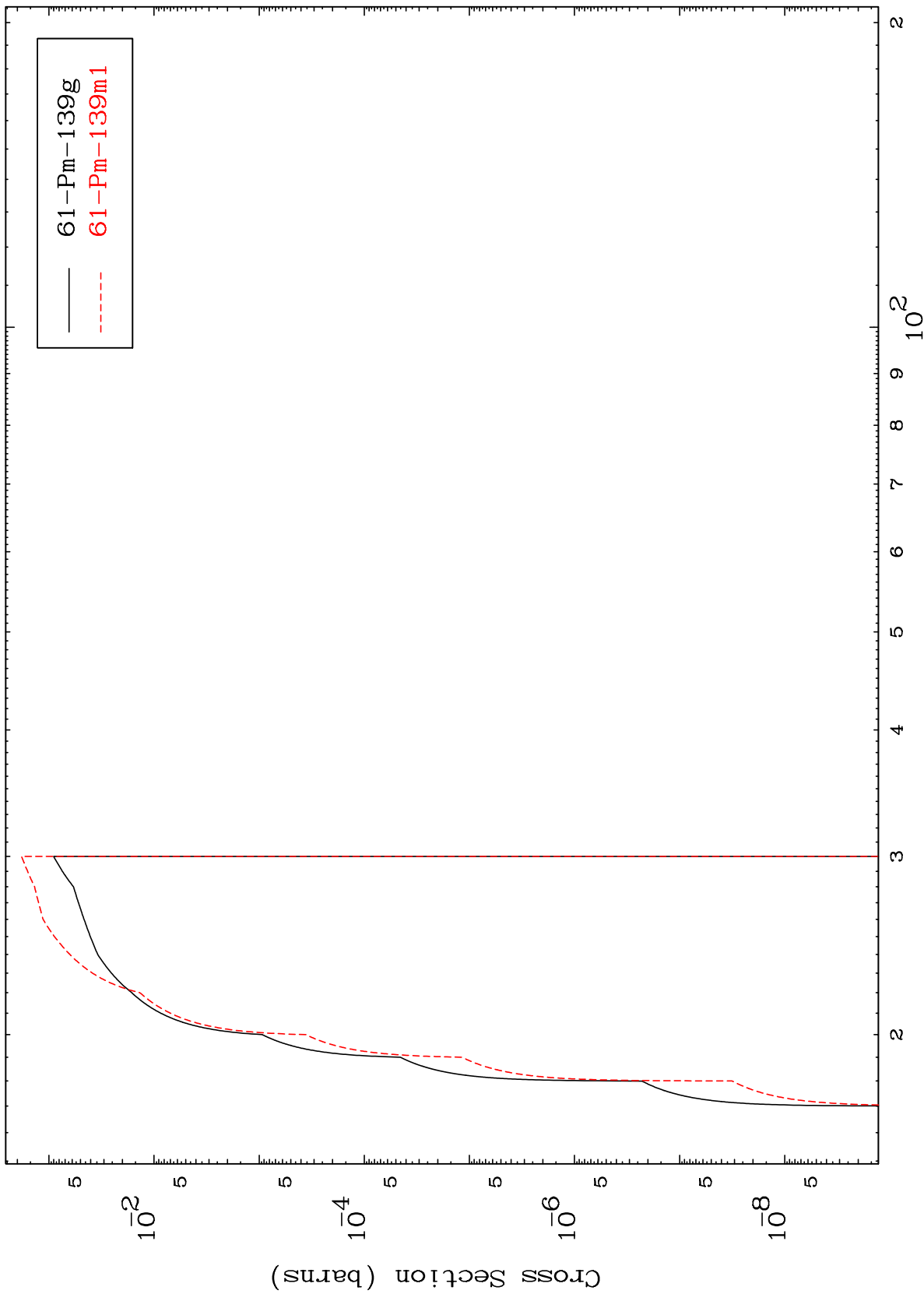
60-Nd-137

MAT 6010

(n, n') p

60-Nd-137

Radionuclide Production Cross Section



12

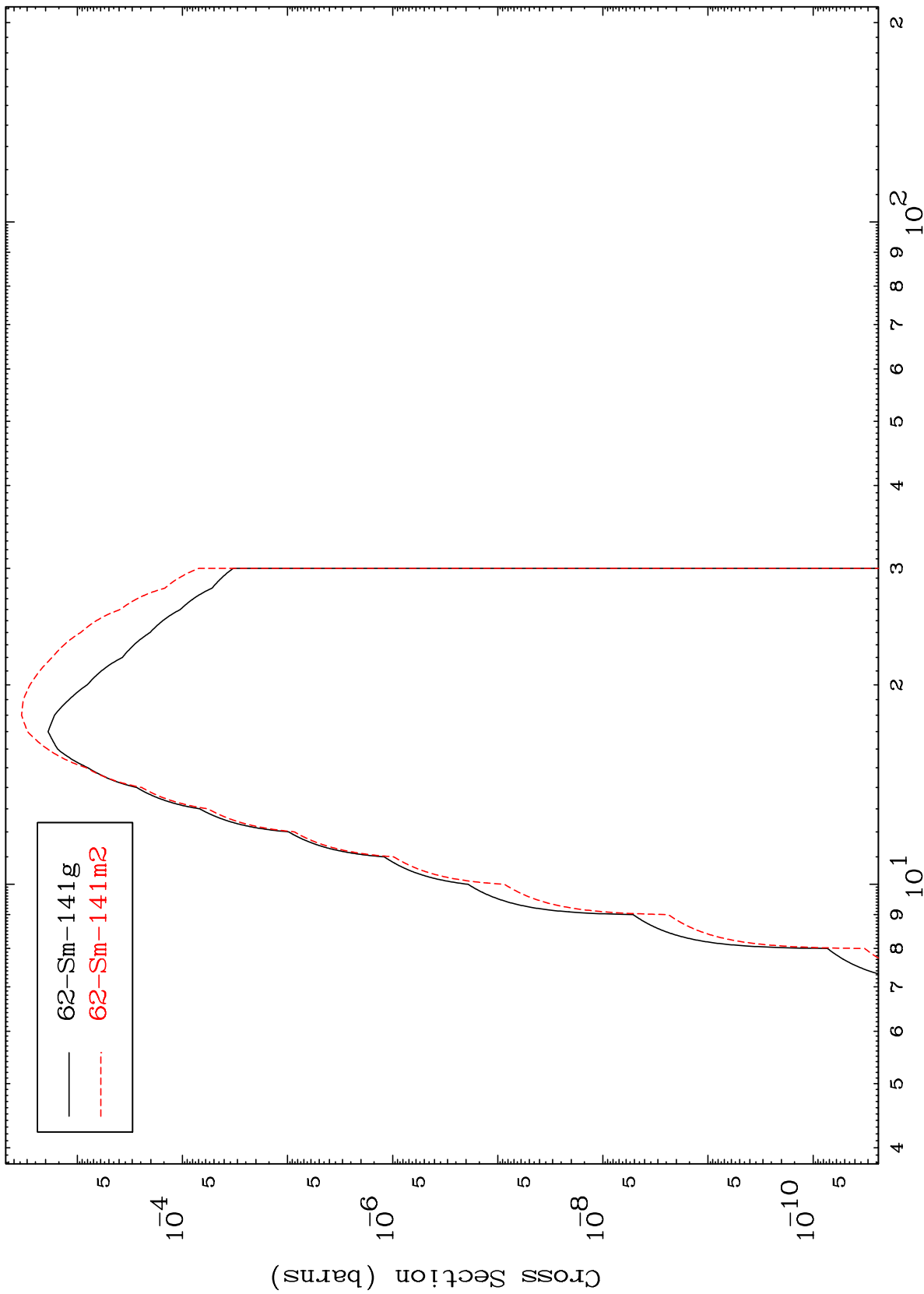
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(n, γ)
Radionuclide Production Cross Section



60-Nd-137

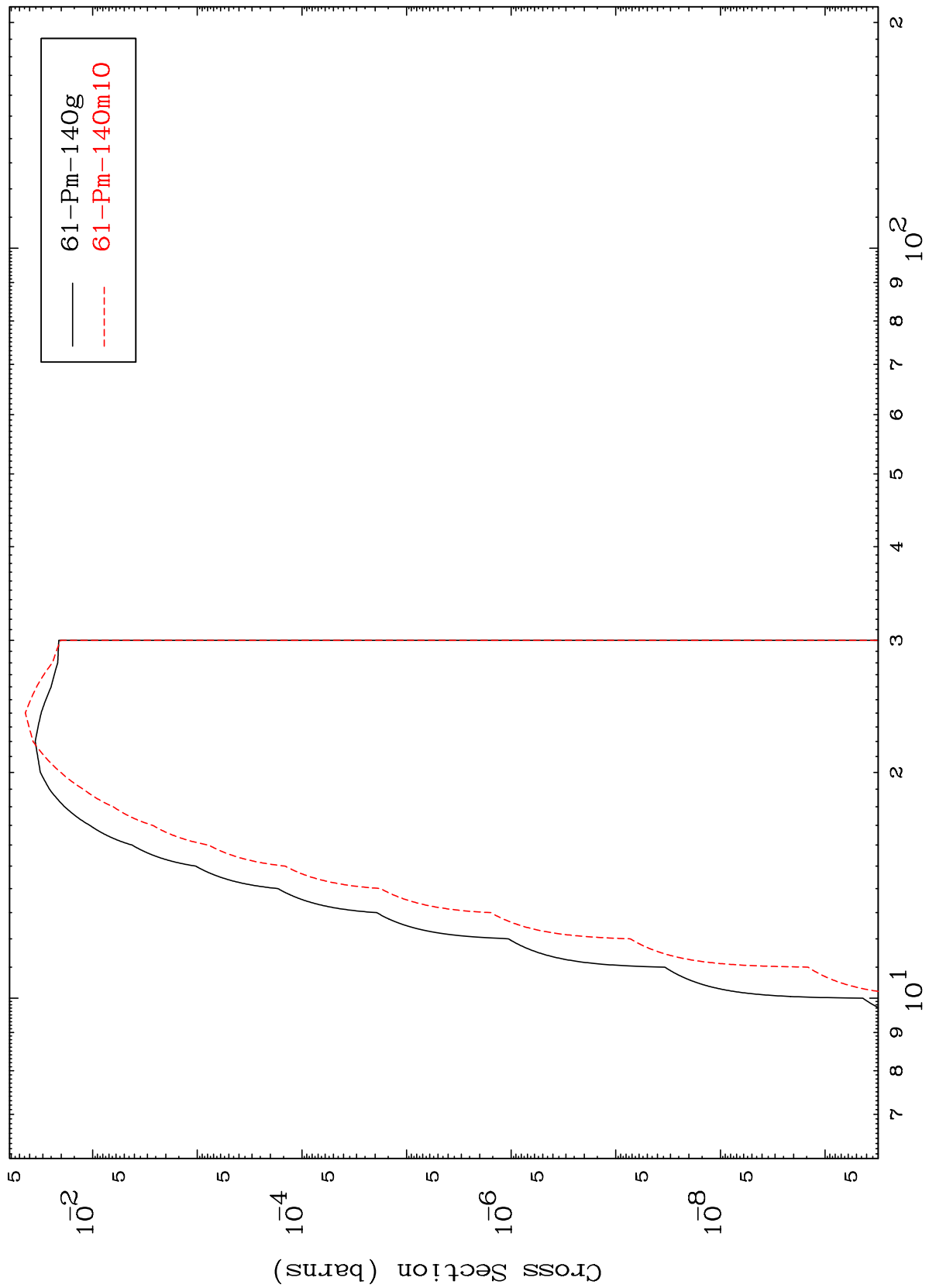
Incident Energy (MeV)

13

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60-Nd-137

(n,p)
Radionuclide Production Cross Section



60-Nd-137

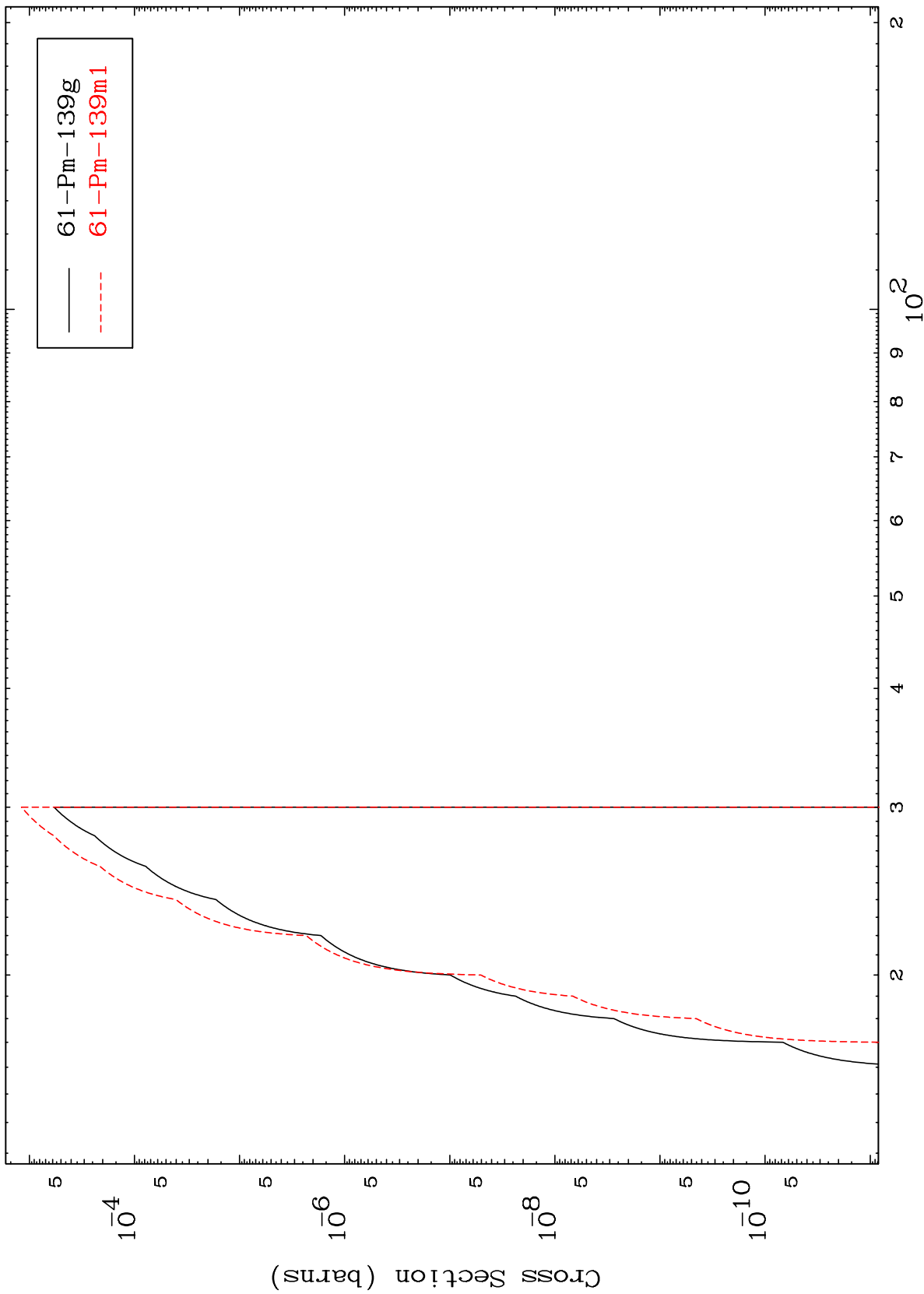
Incident Energy (MeV)

14

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60-Nd-137

(n,d)
Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

15

Incident Energy (MeV)

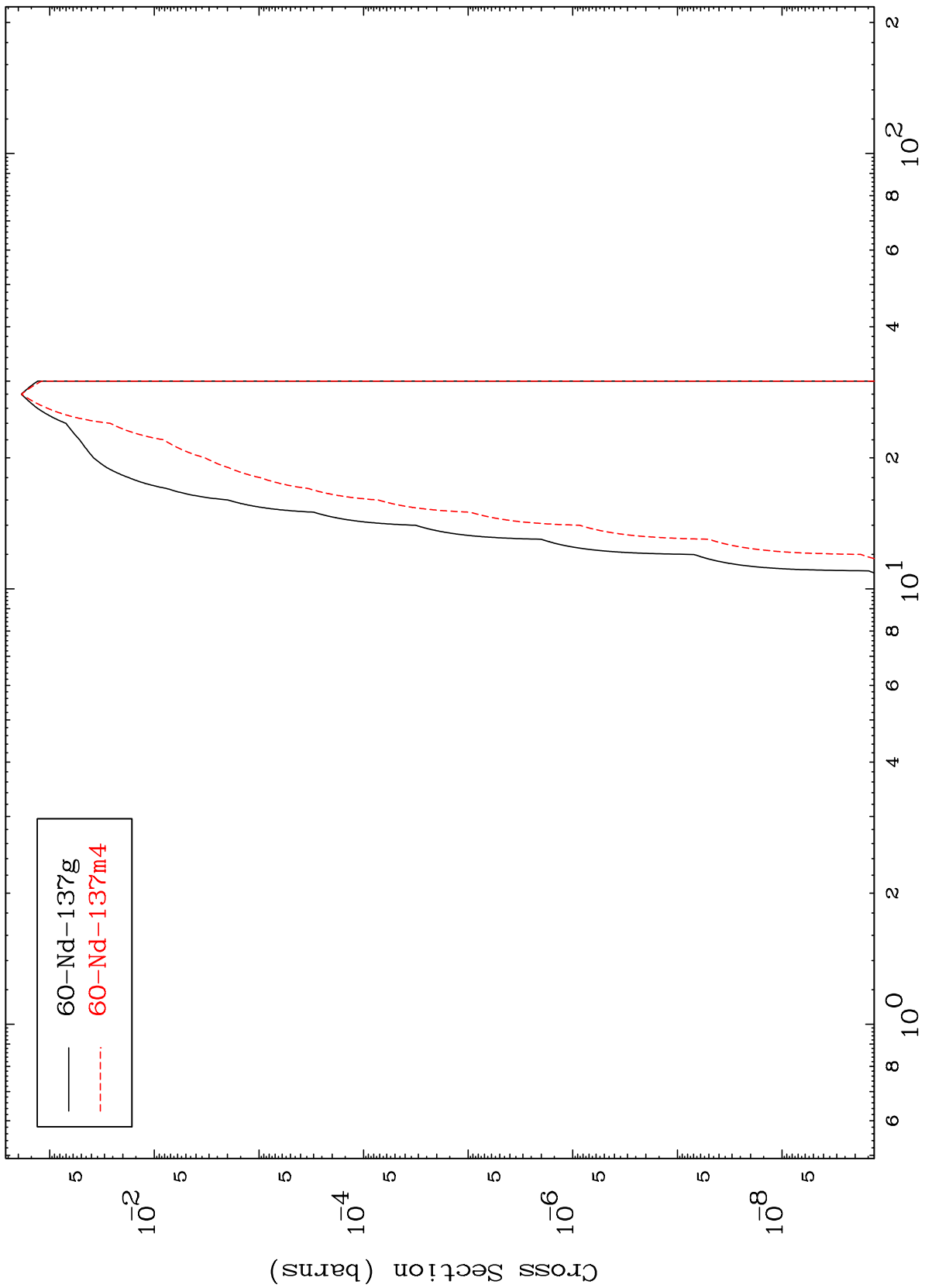
60-Nd-137

MAT 6010

(n, α)

⁶⁰Nd-137

Radionuclide Production Cross Section



16

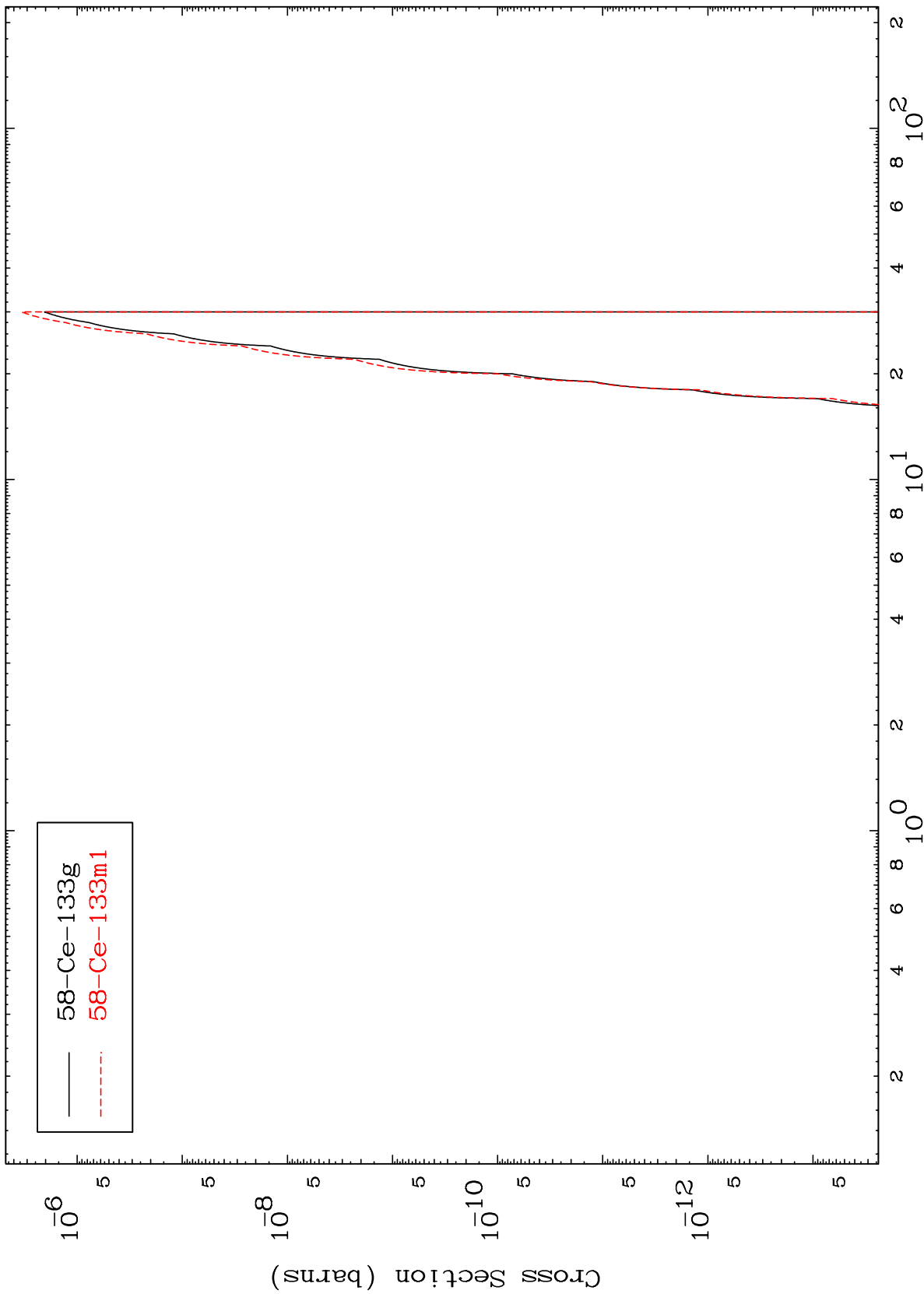
Incident Energy (MeV)

⁶⁰Nd-137

MAT 6010

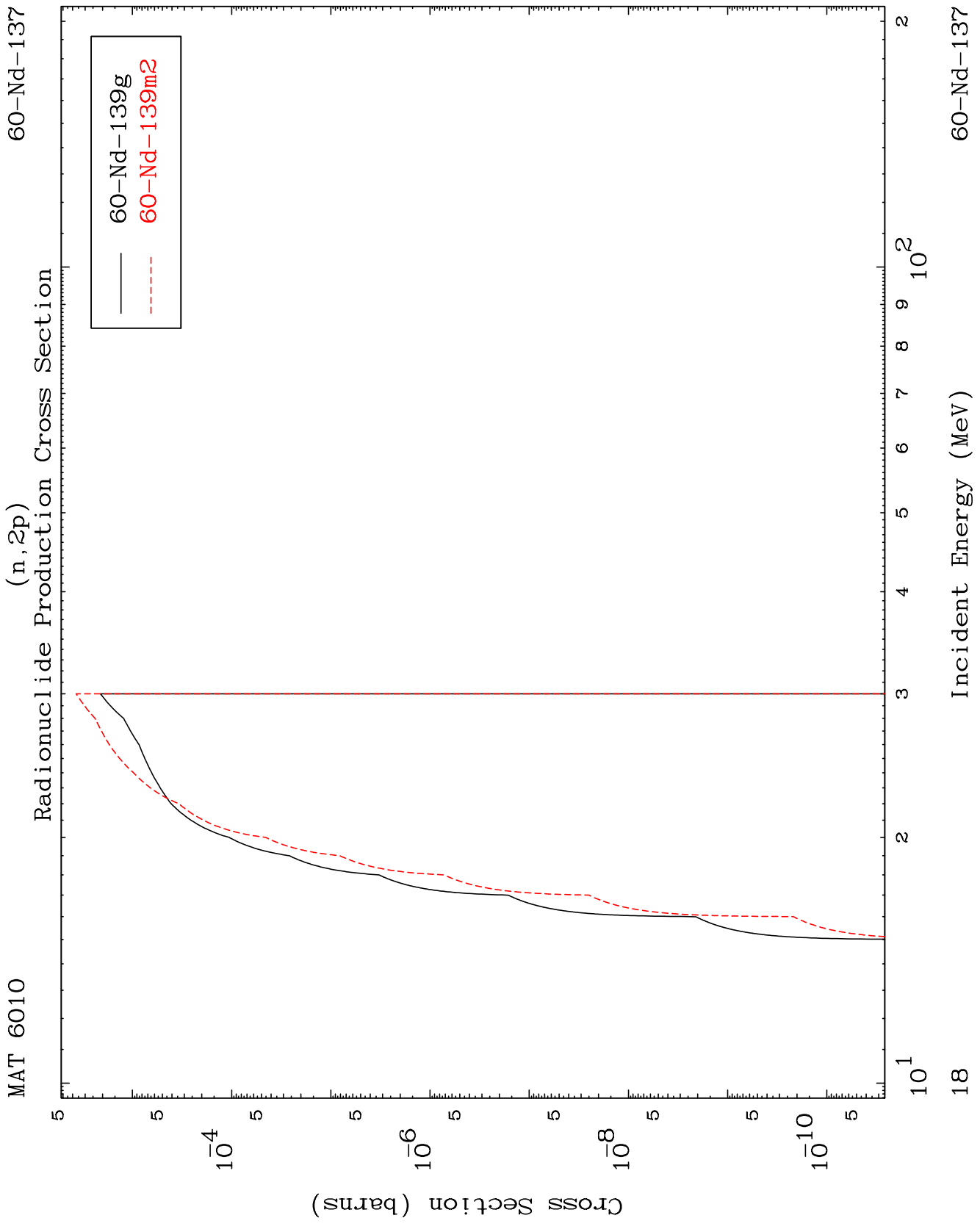
60-Nd-137

Radionuclide Production Cross Section
(n,2α)



60-Nd-137

Incident Energy (MeV)

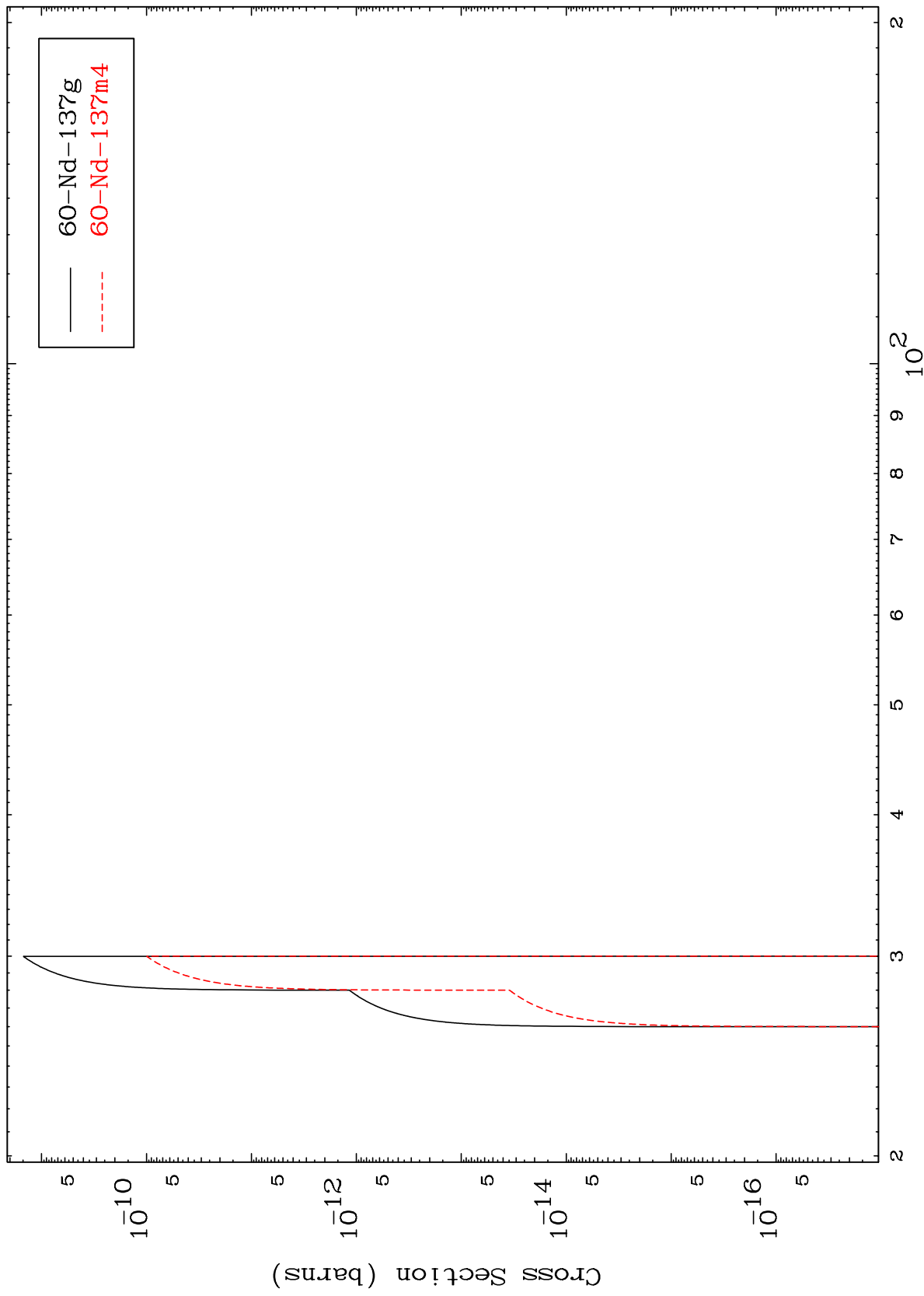


MAT 6010

(n,p) t

⁶⁰Nd-137

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁶⁰Nd-137