

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

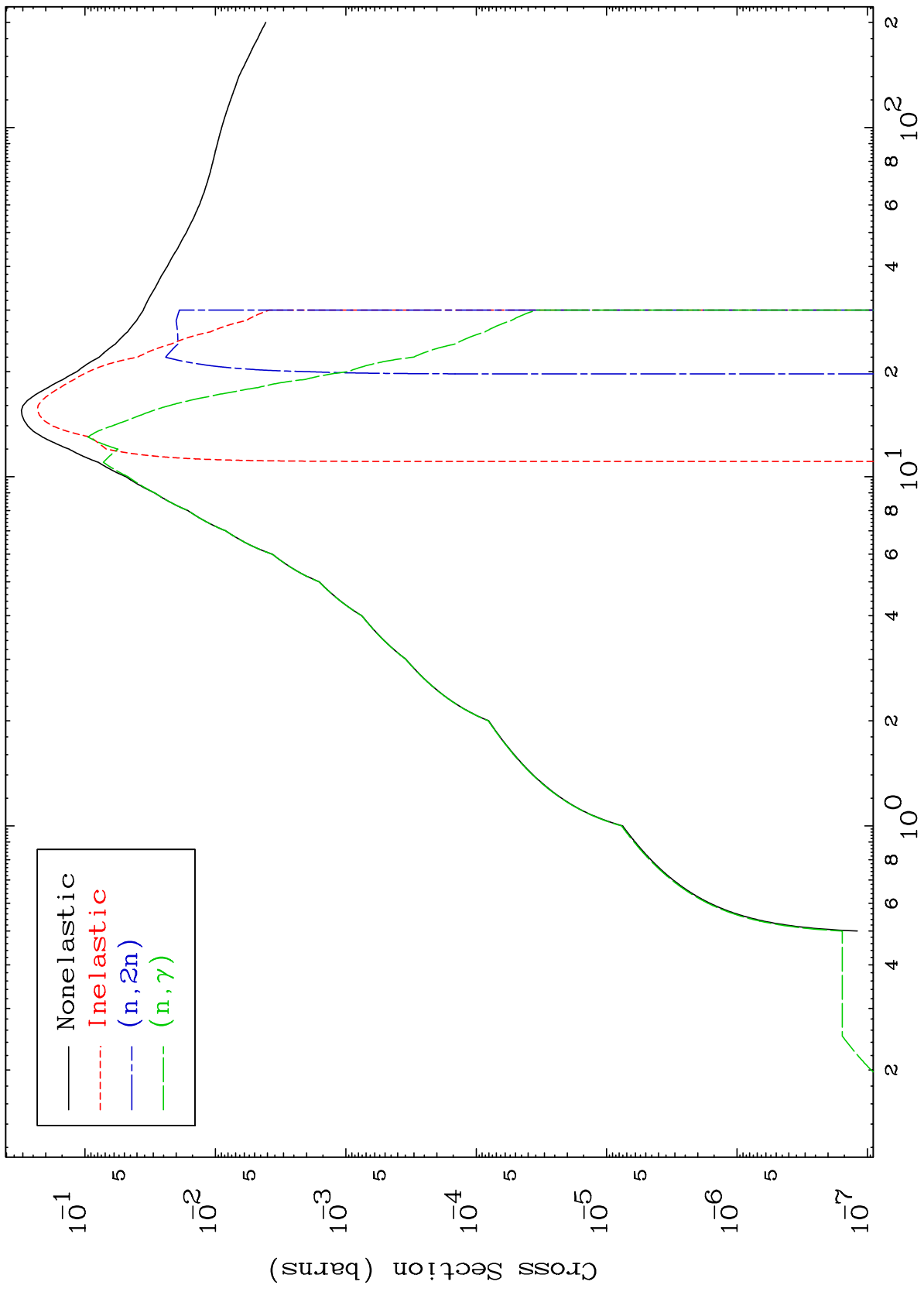
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6007

Photon Major
0 Kelvin Cross Sections

60-Nd-136



1

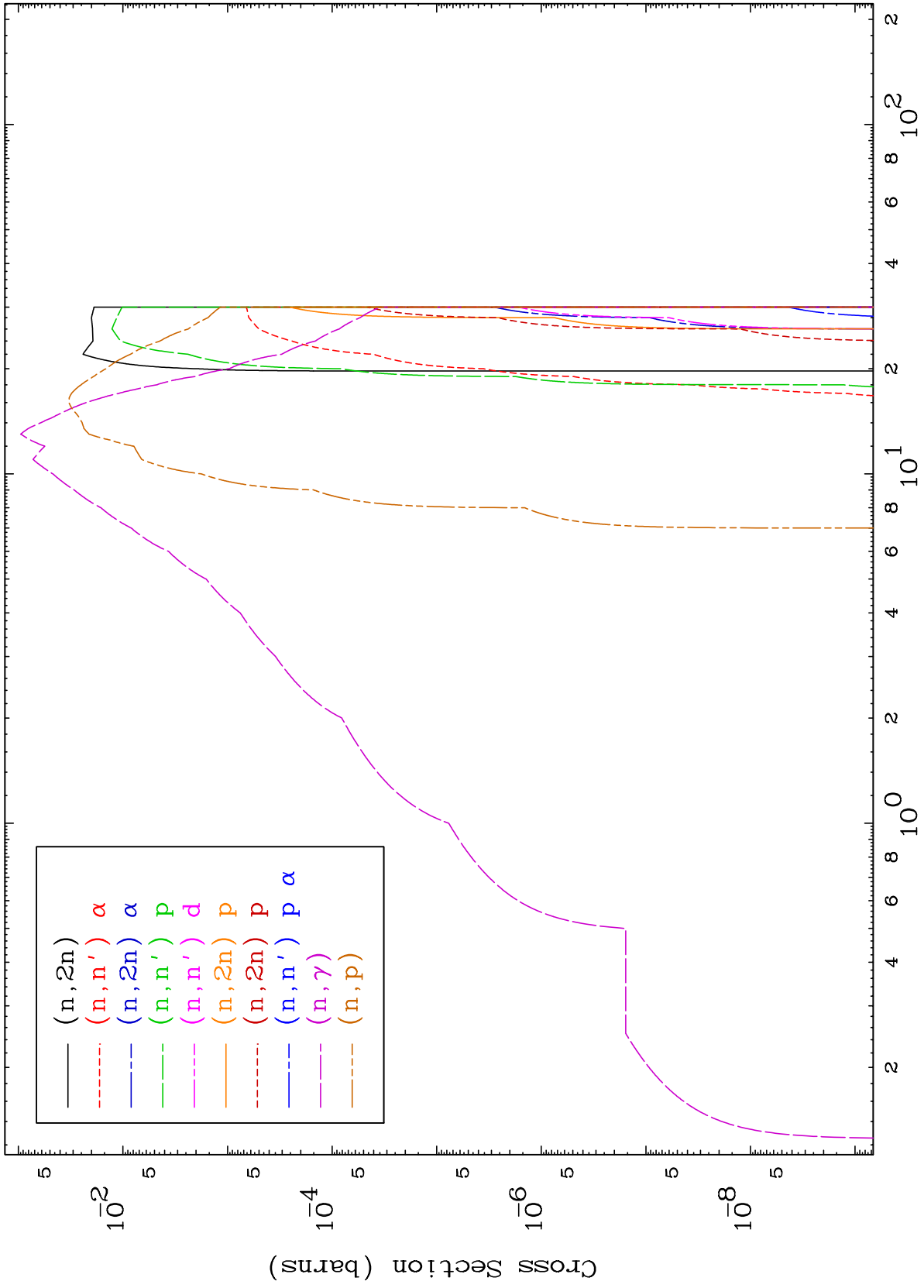
Incident Energy (MeV)

60-Nd-136

MAT 6007

Photon Neutron Absorption
0 Kelvin Cross Sections

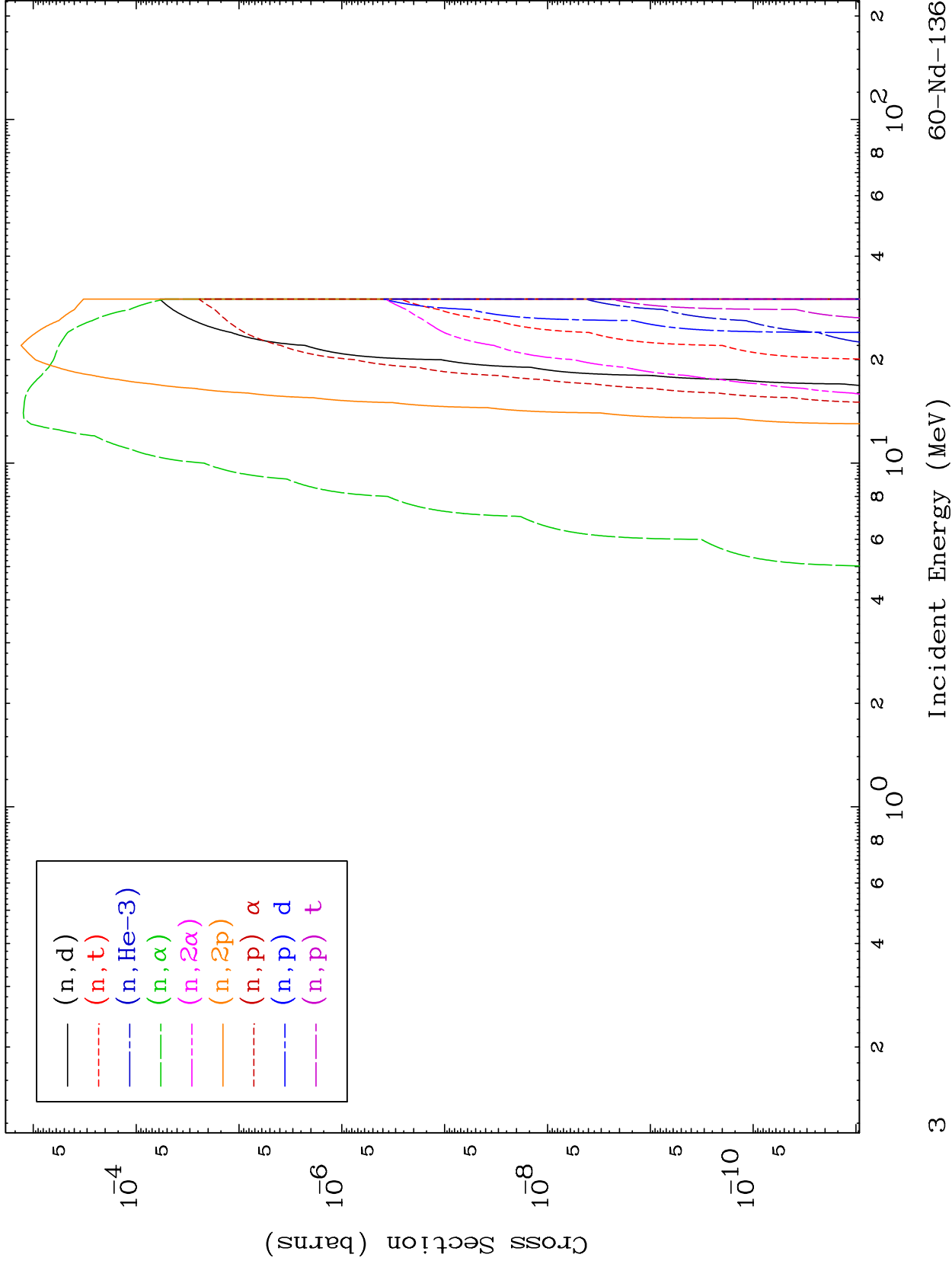
60-Nd-136

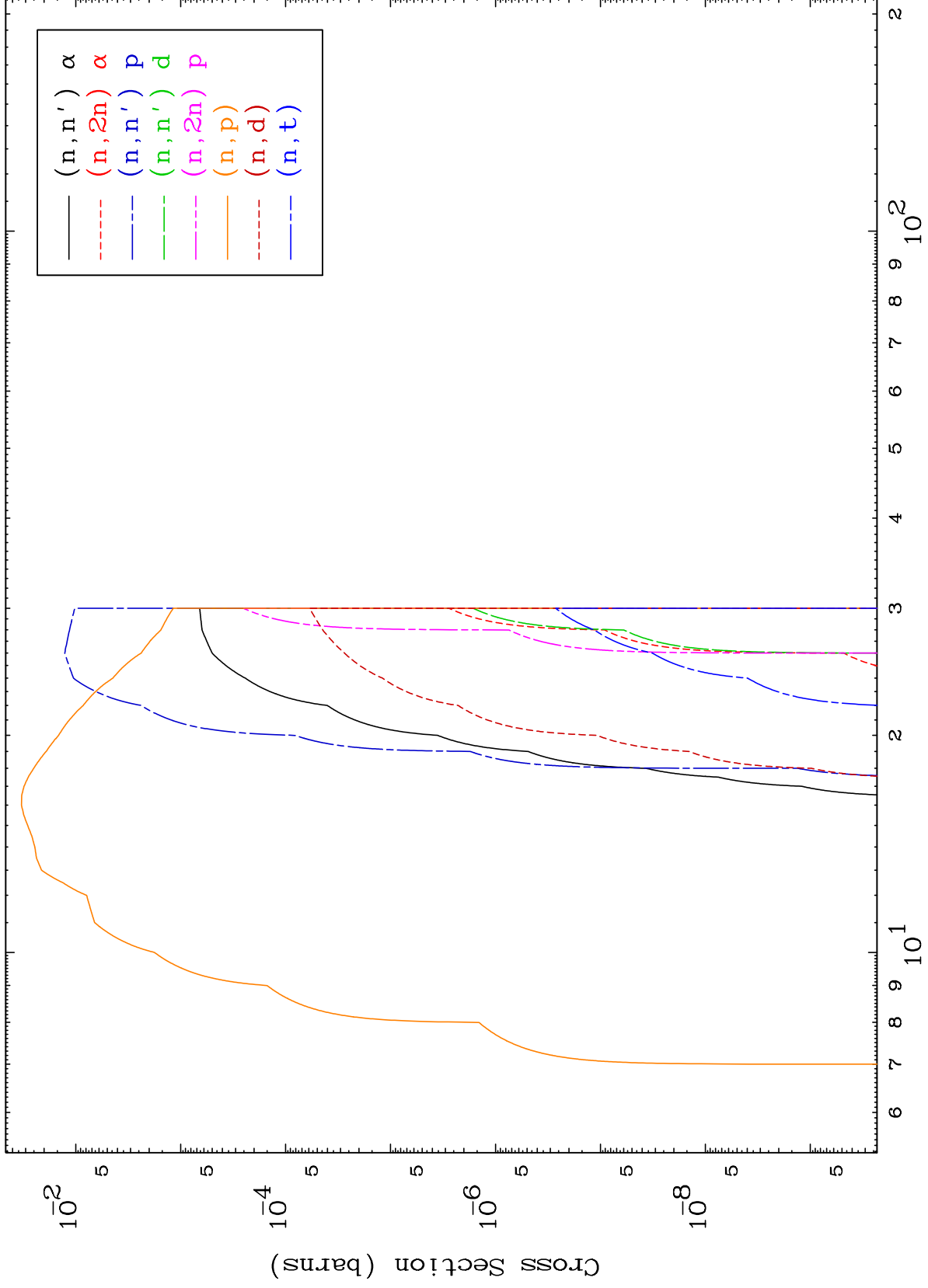


MAT 6007

Photon Neutron Absorption
0 Kelvin Cross Sections

60-Nd-136

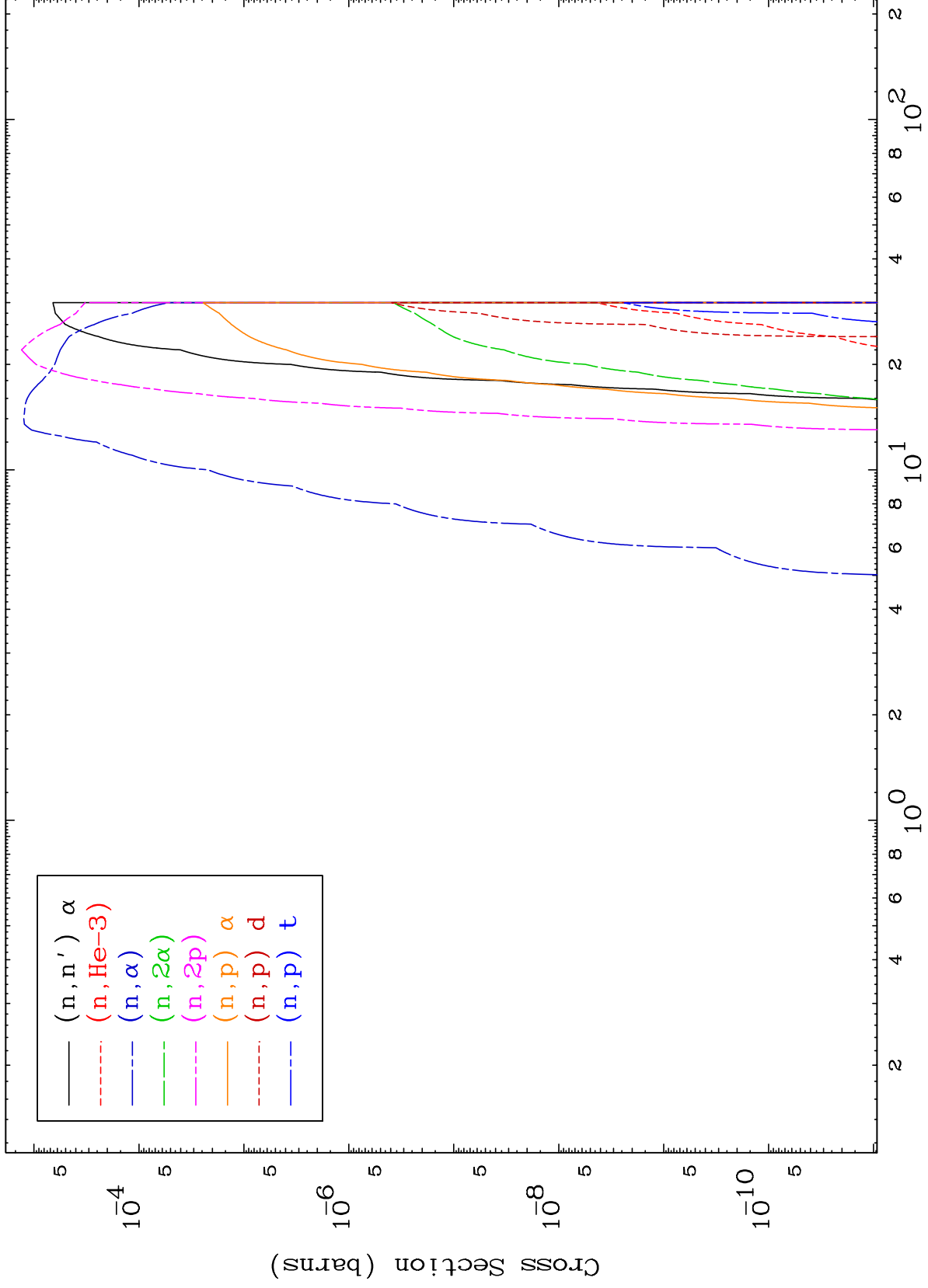




MAT 6007

Photon Charged Particle
0 Kelvin Cross Sections

60-Nd-136

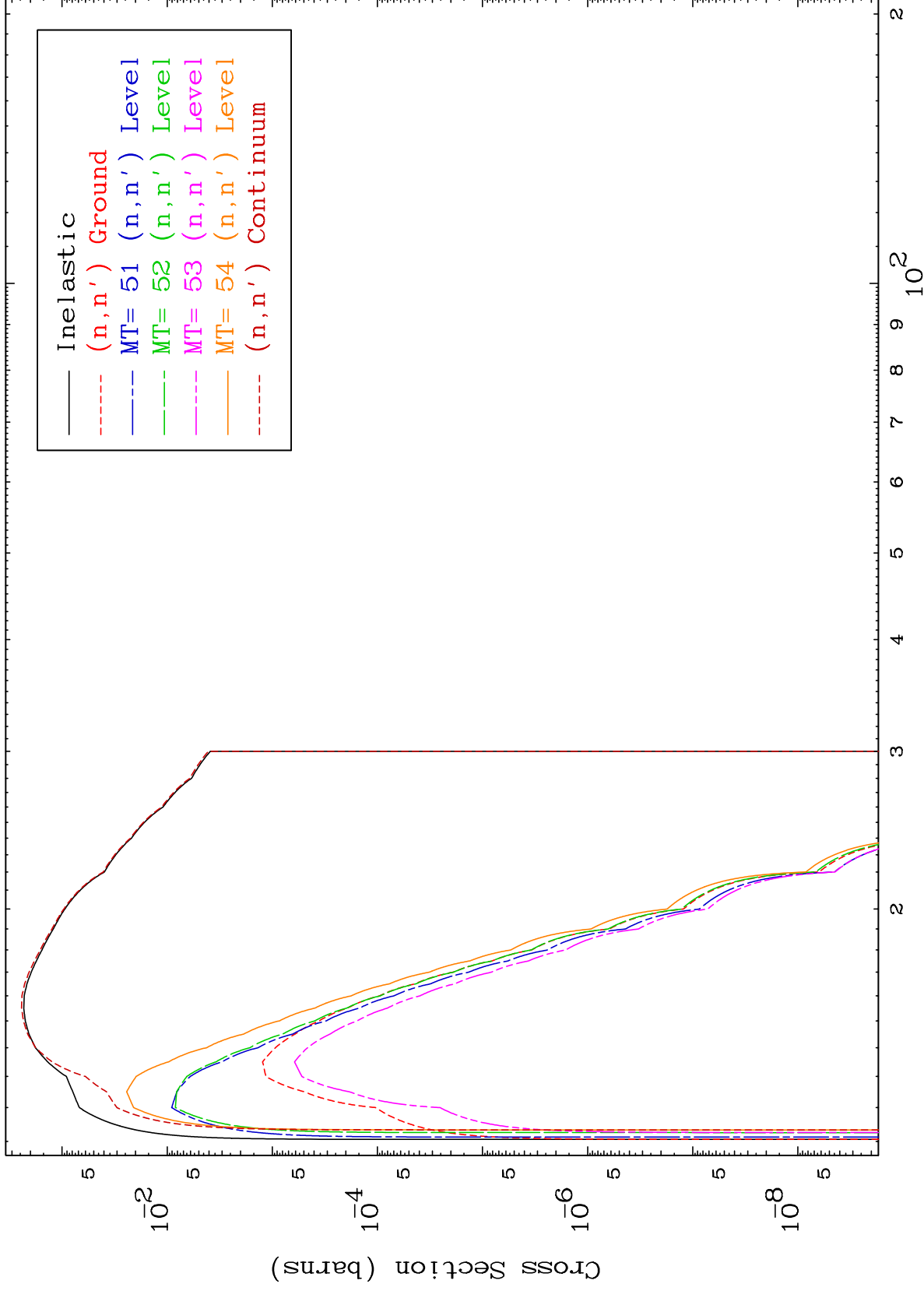


MAT 6007

(γ, n') Levels

60-Nd-136

0 Kelvin Cross Sections



Incident Energy (MeV)

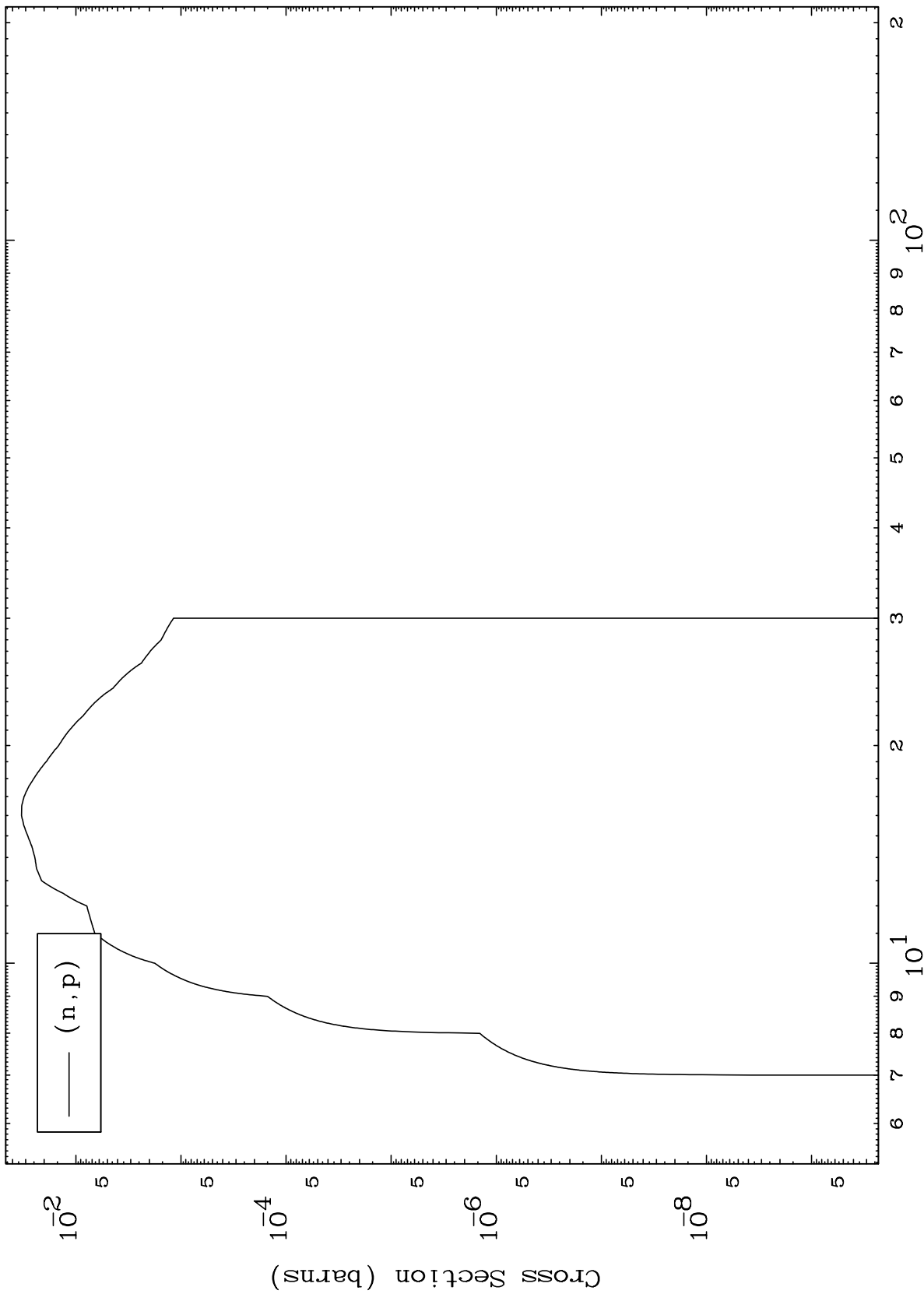
60-Nd-136

6

MAT 6007

(γ, p) Levels
0 Kelvin Cross Sections

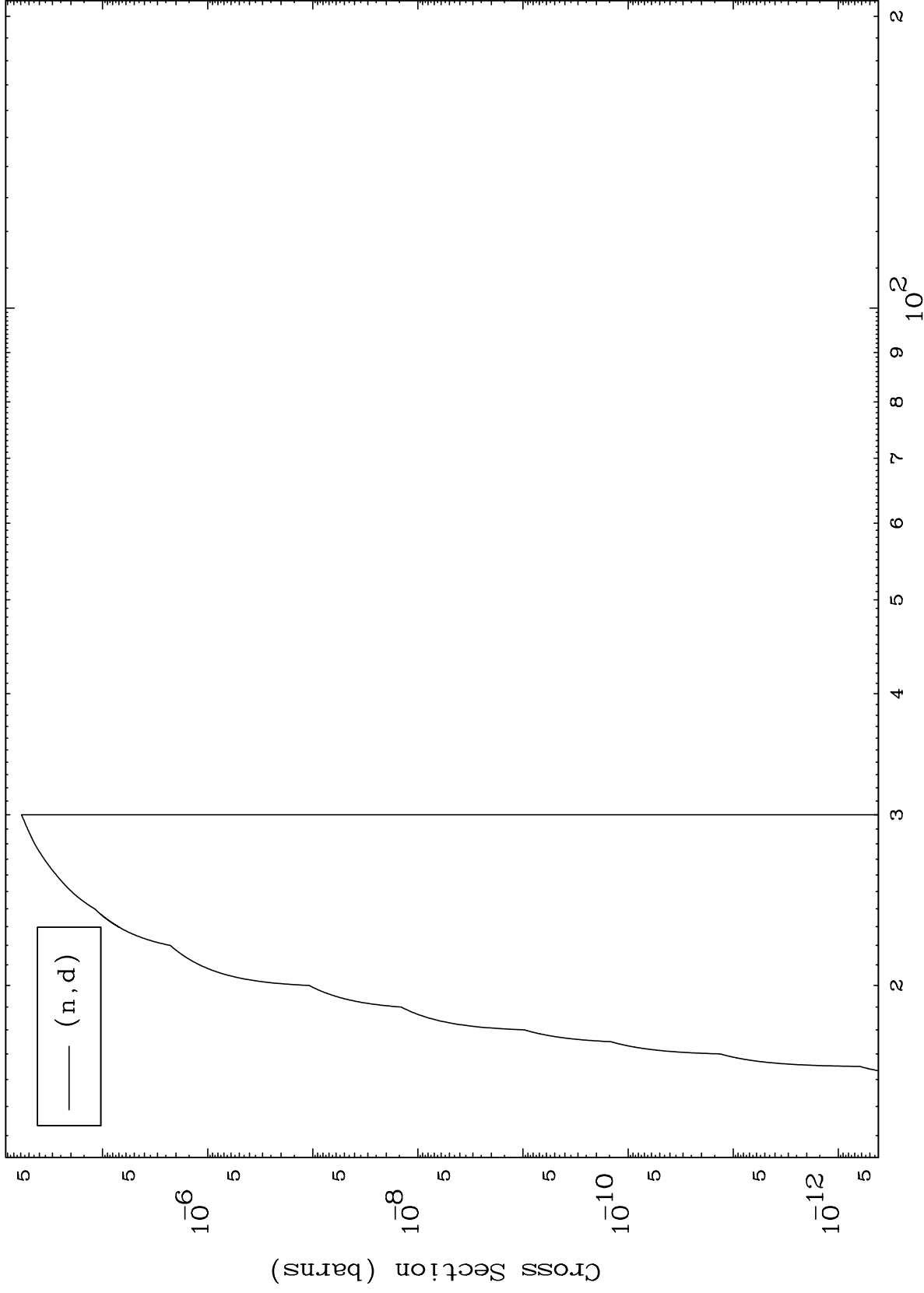
60-Nd-136



7

Incident Energy (MeV)

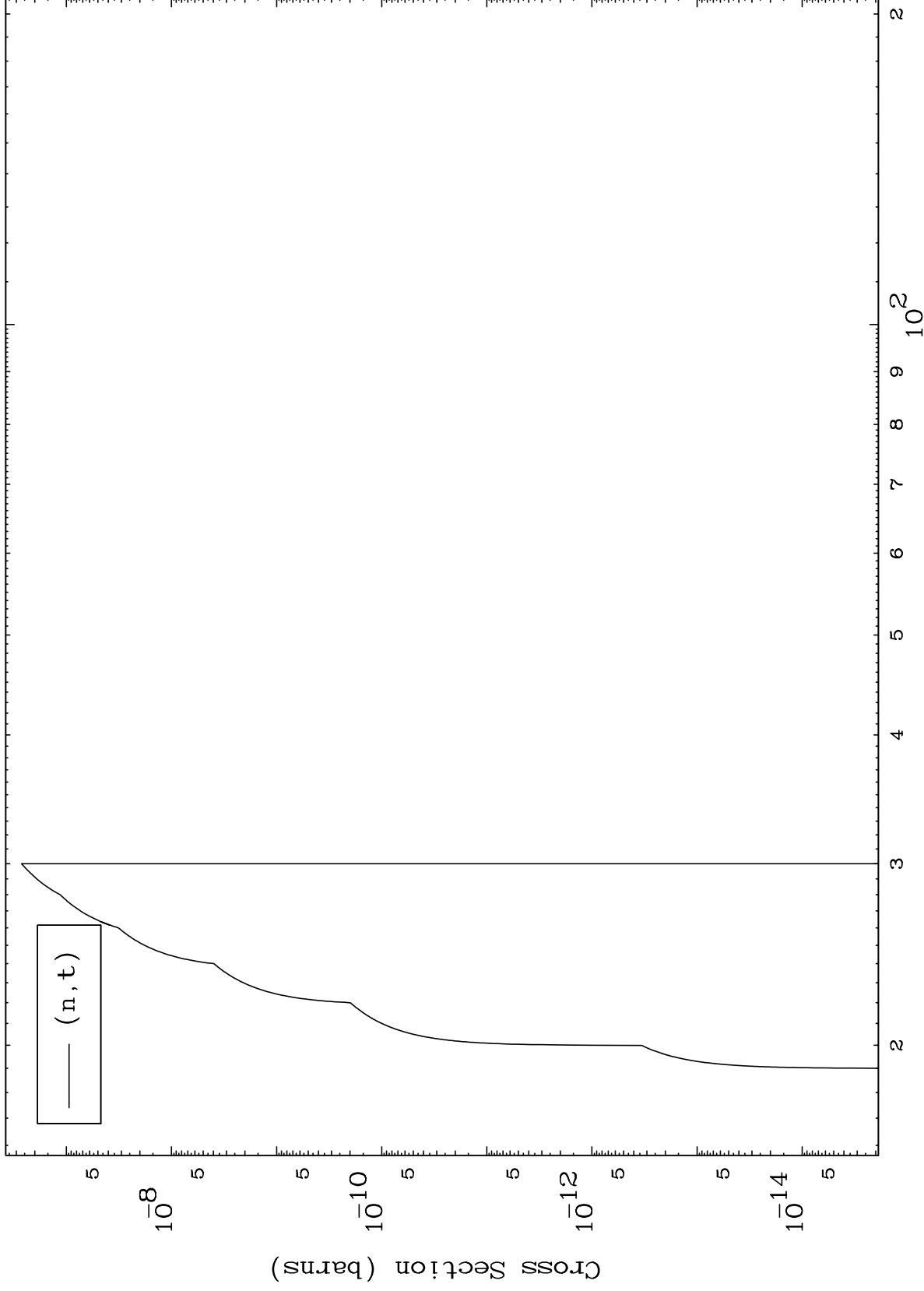
60-Nd-136



MAT 6007

(γ, t) Levels
0 Kelvin Cross Sections

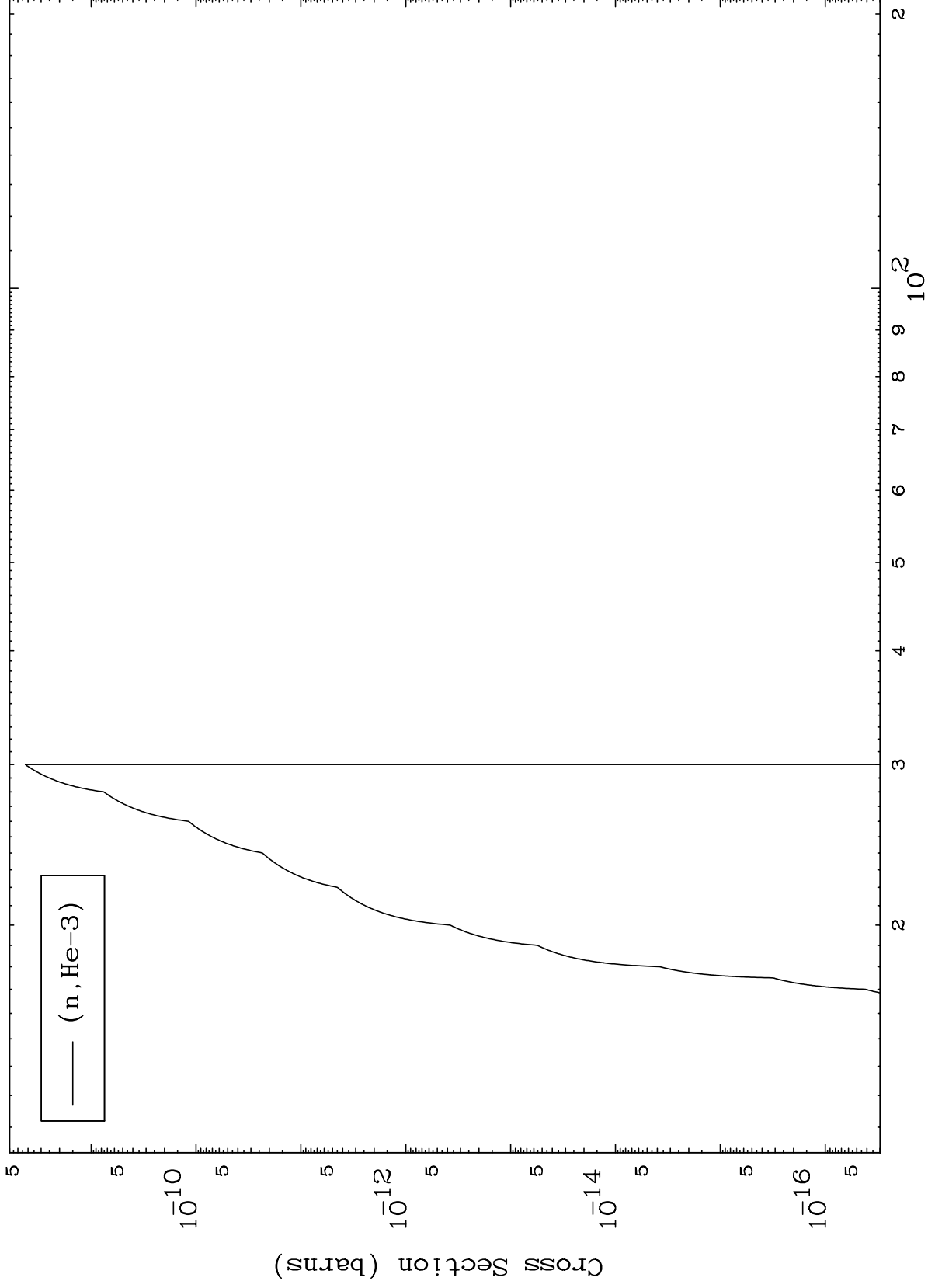
60-Nd-136



MAT 6007

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

60-Nd-136



10

Incident Energy (MeV)

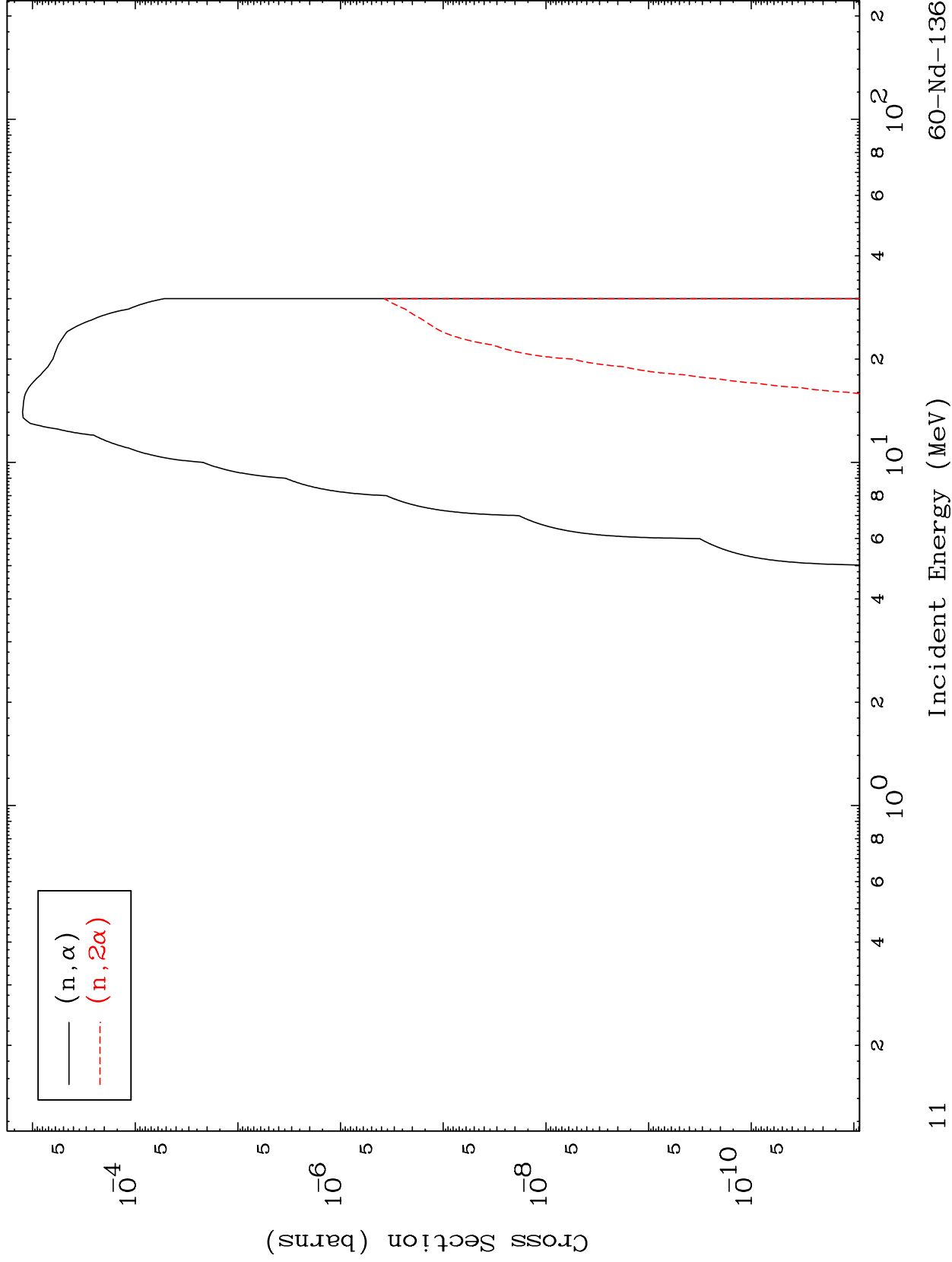
60-Nd-136

MAT 6007

(γ, α) Levels

60-Nd-136

0 Kelvin Cross Sections

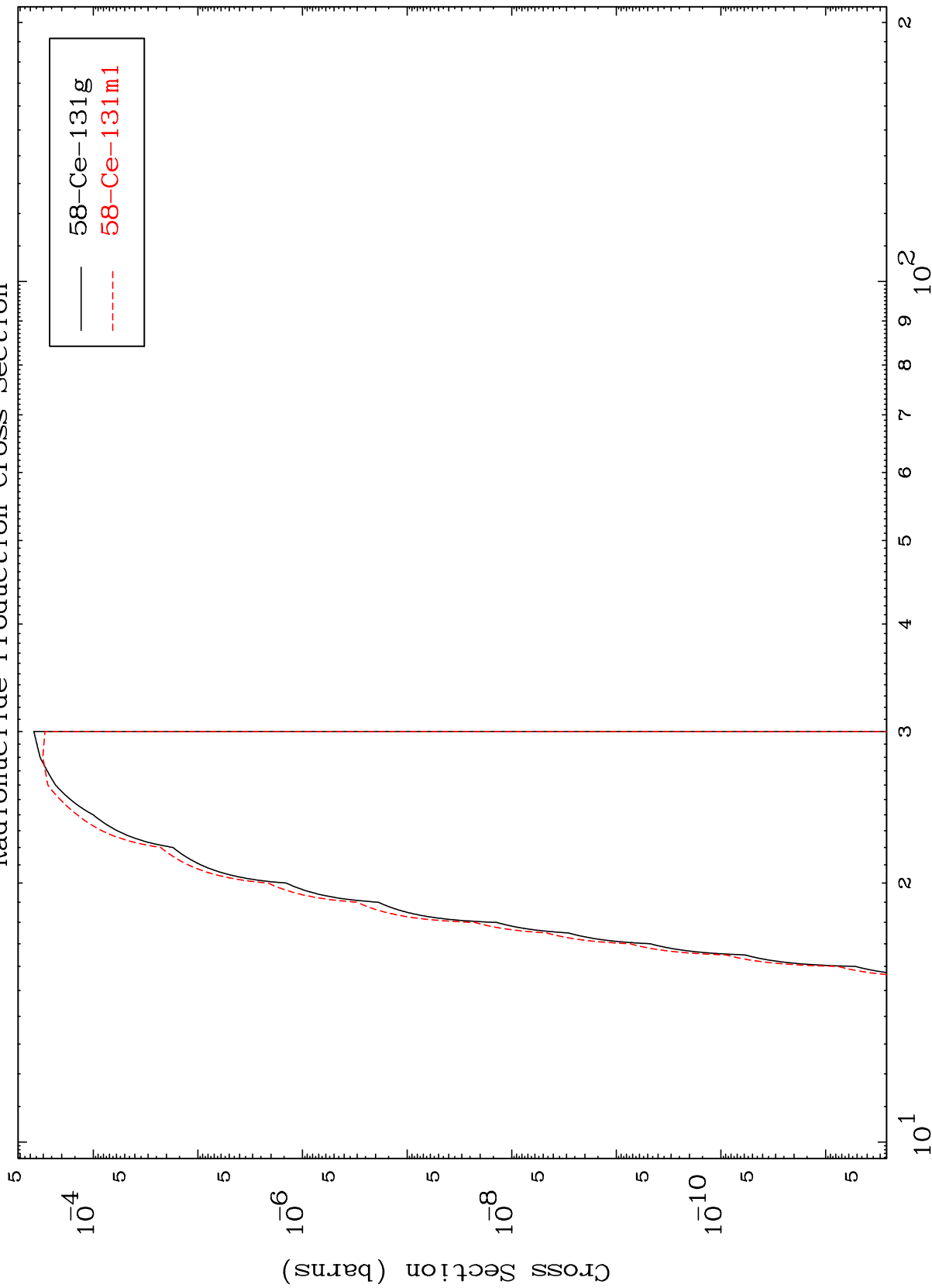


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$(n, n') \alpha$

60-Nd-136

Radionuclide Production Cross Section



Incident Energy (MeV)

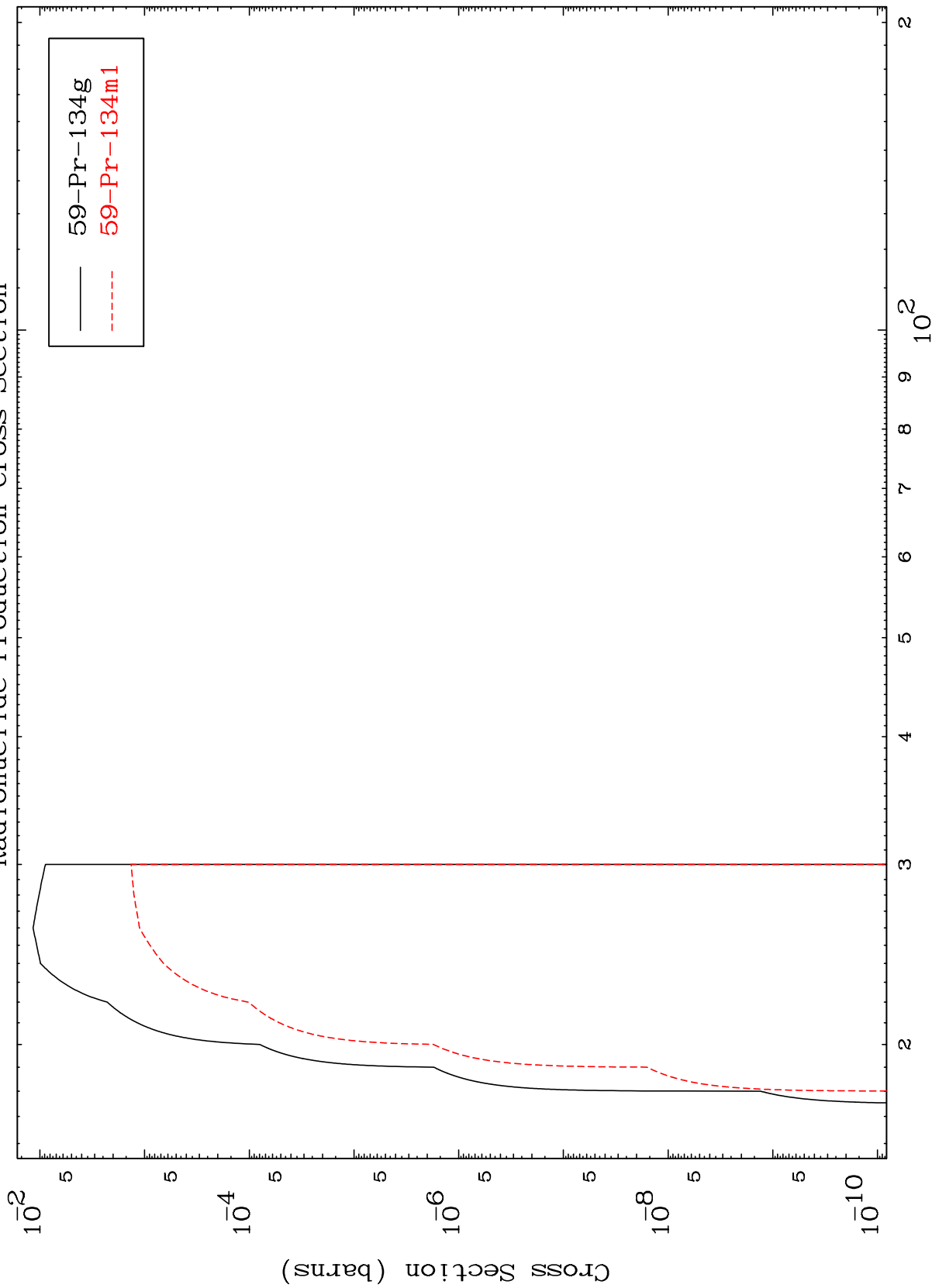
60-Nd-136

MAT 6007

(n,n') p

60-Nd-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

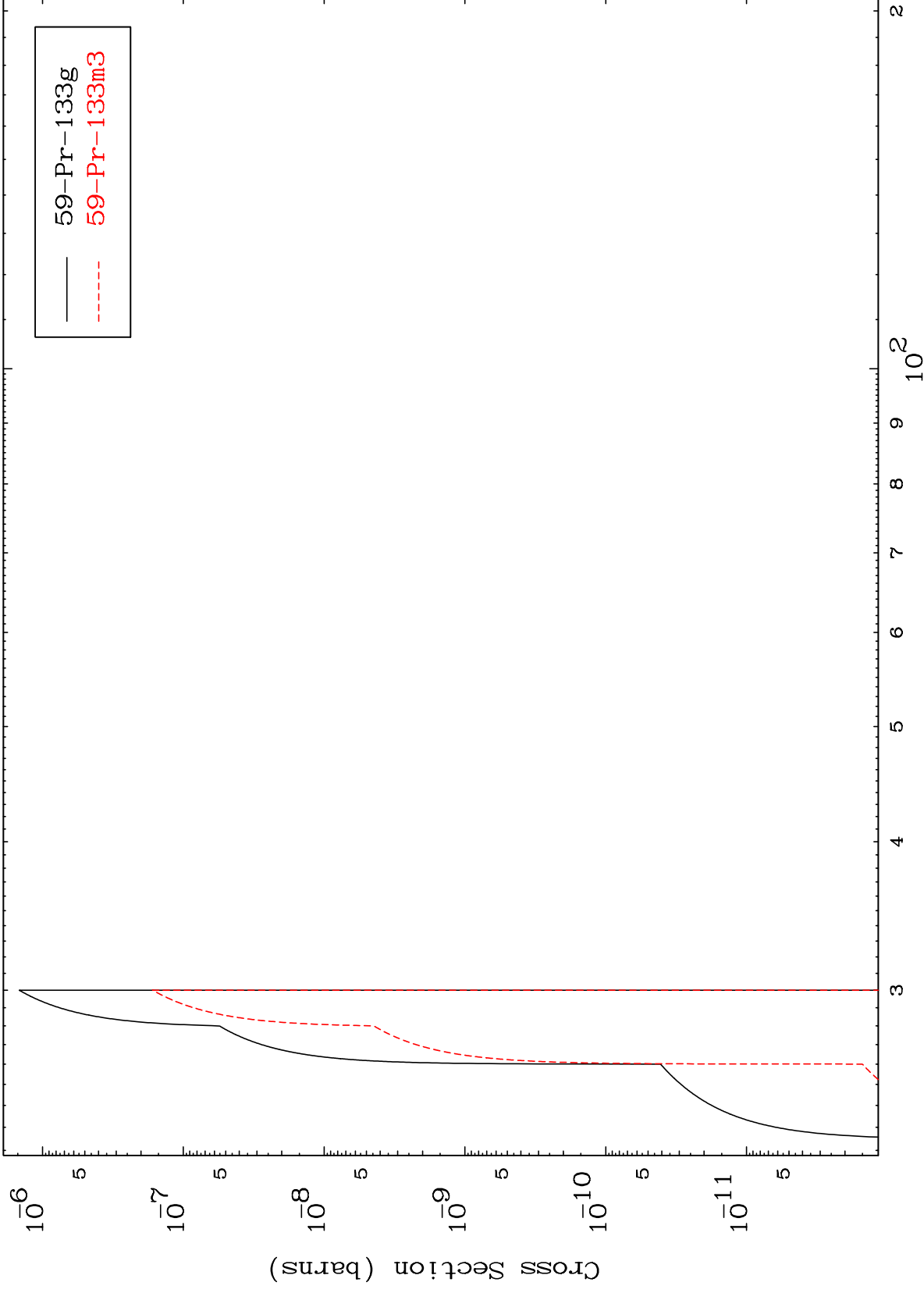
60-Nd-136

MAT 6007

(n,n') d

60-Nd-136

Radionuclide Production Cross Section



14

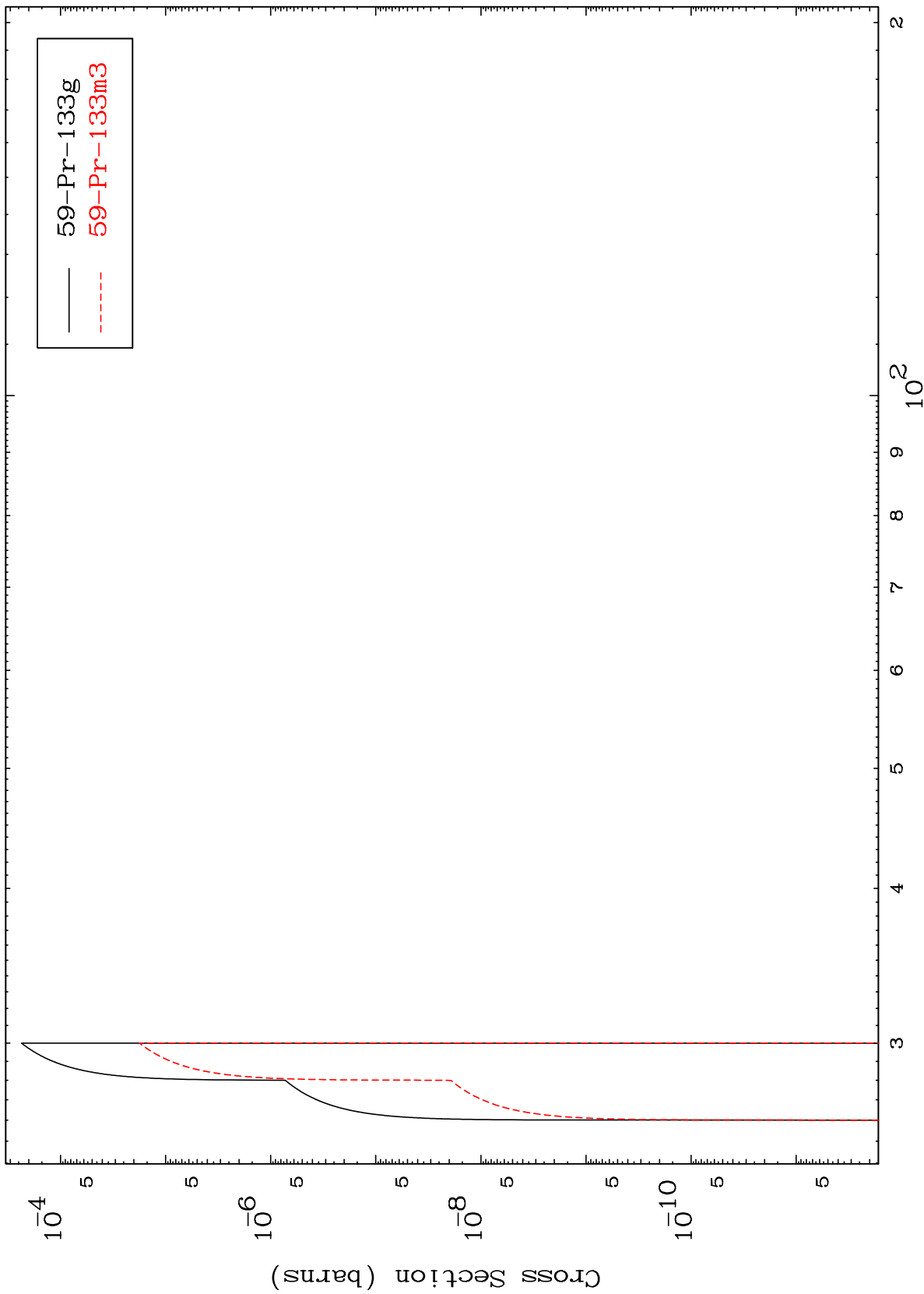
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(n,2n) p
Radionuclide Production Cross Section



15

60-Nd-136

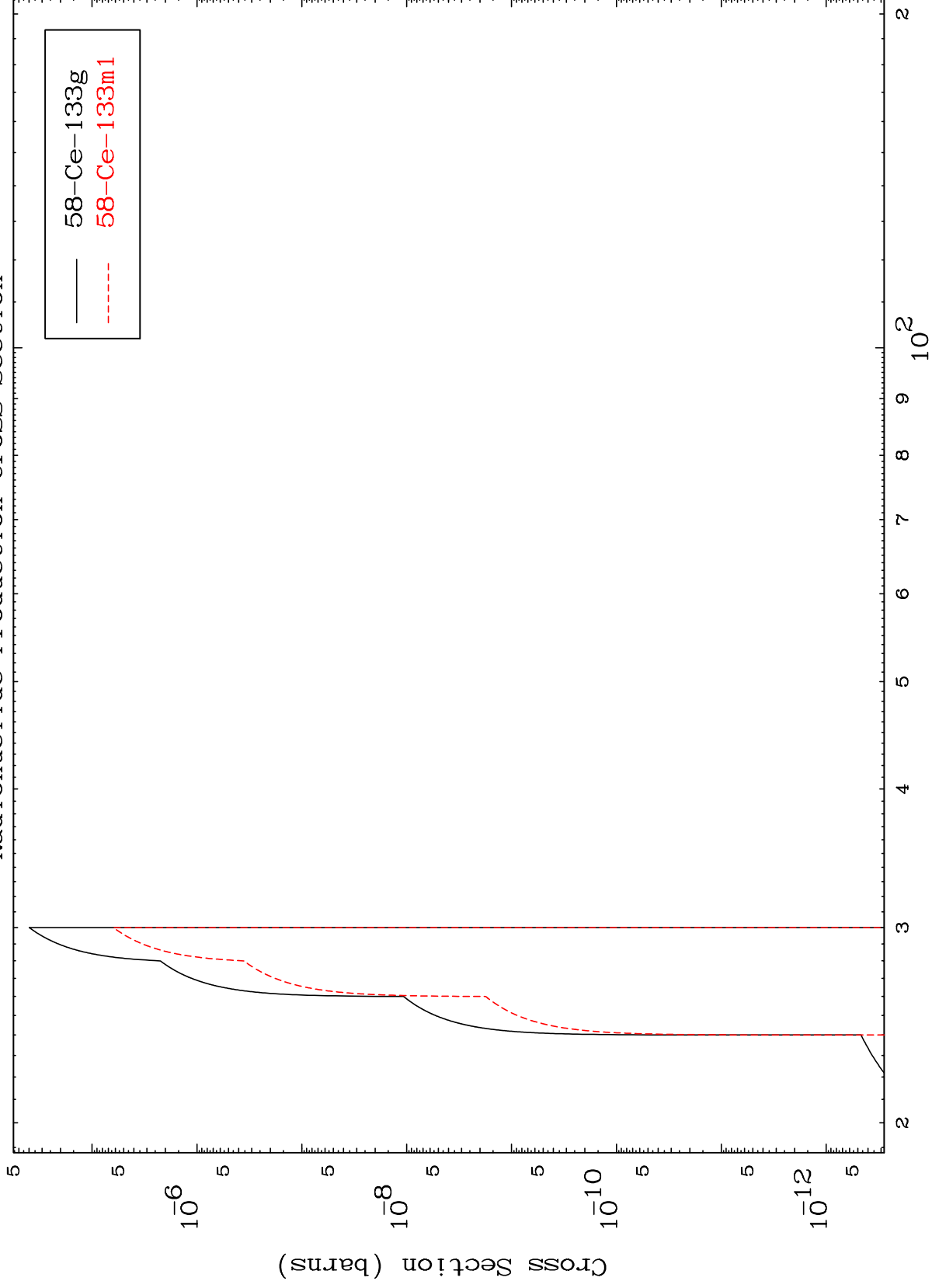
Incident Energy (MeV)

MAT 6007

(n,2n) p

60-Nd-136

Radionuclide Production Cross Section



16

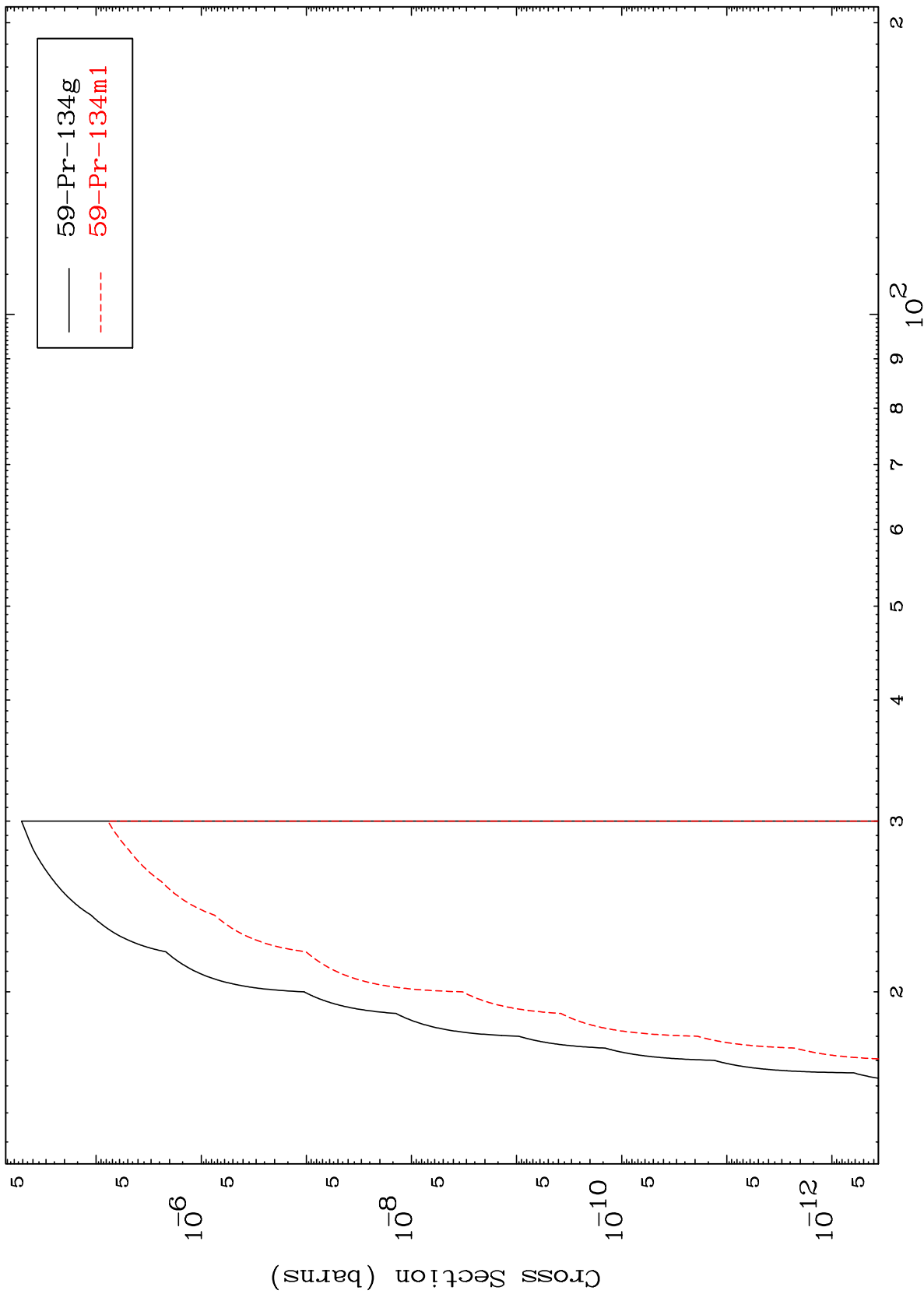
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(n,d)
Radionuclide Production Cross Section



60-Nd-136

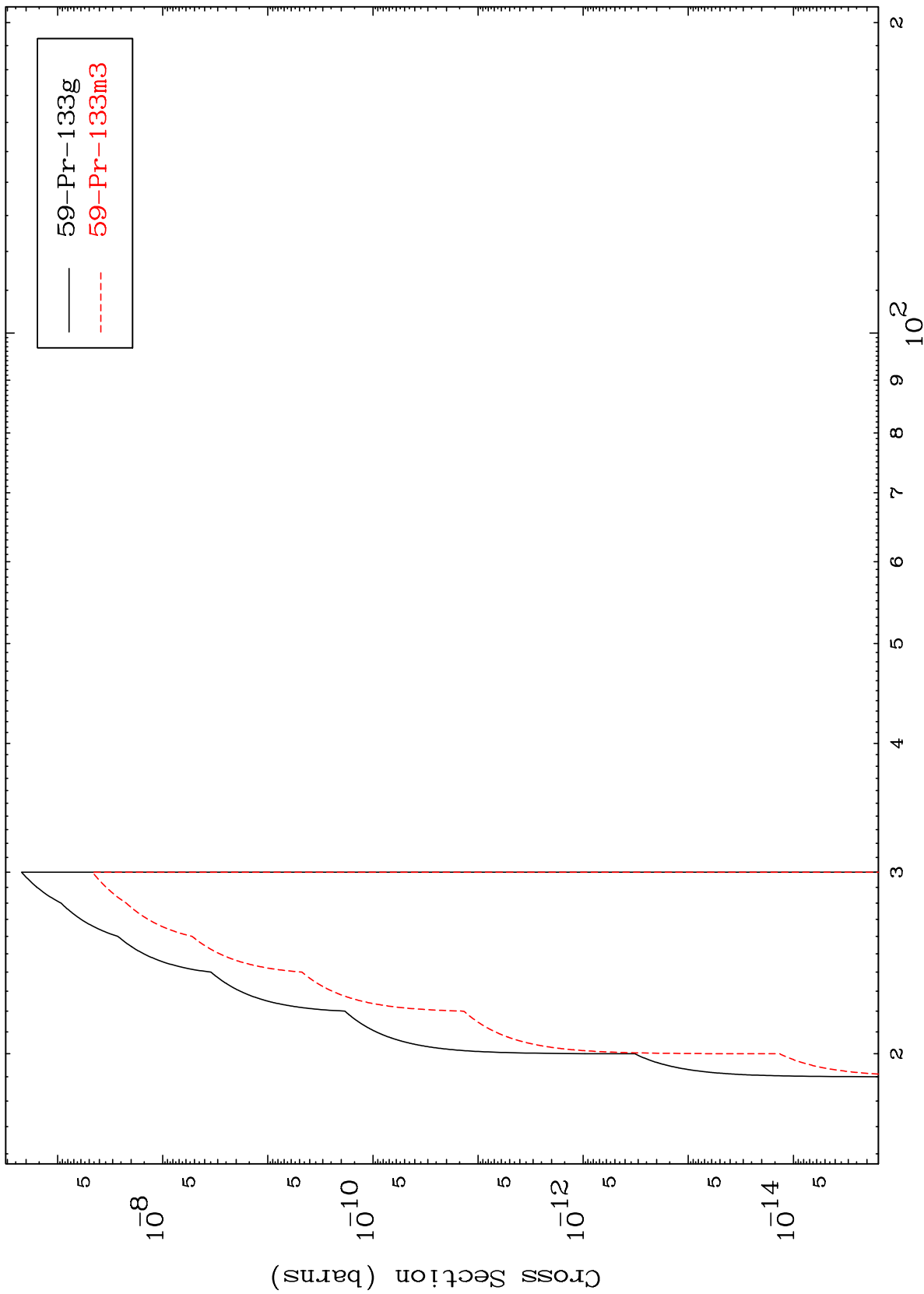
Incident Energy (MeV)

17

MAT 6007

60-Nd-136

(n,t)
Radionuclide Production Cross Section



18

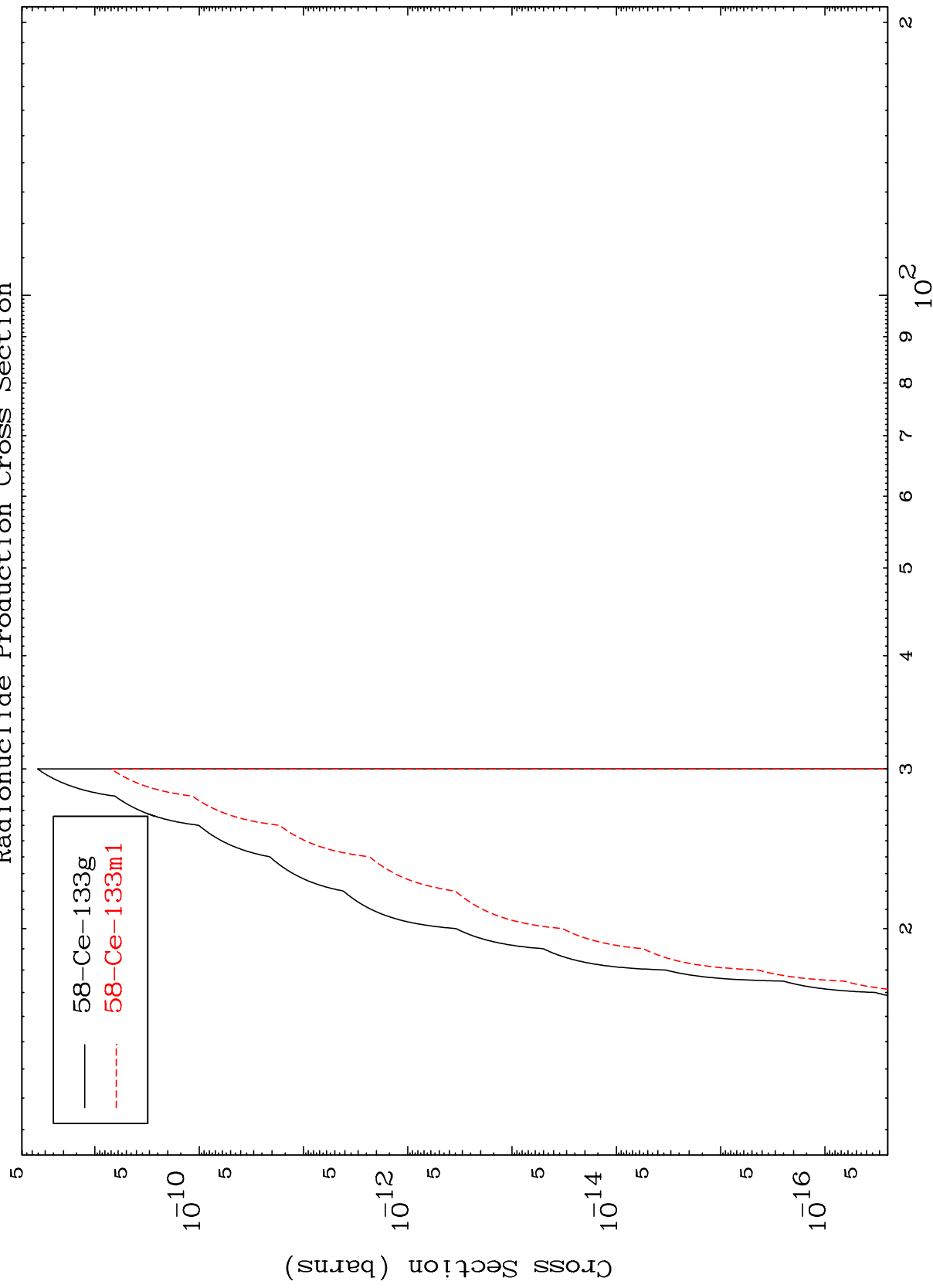
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

Radionuclide Production Cross Section
(n,He-3)



19

Incident Energy (MeV)

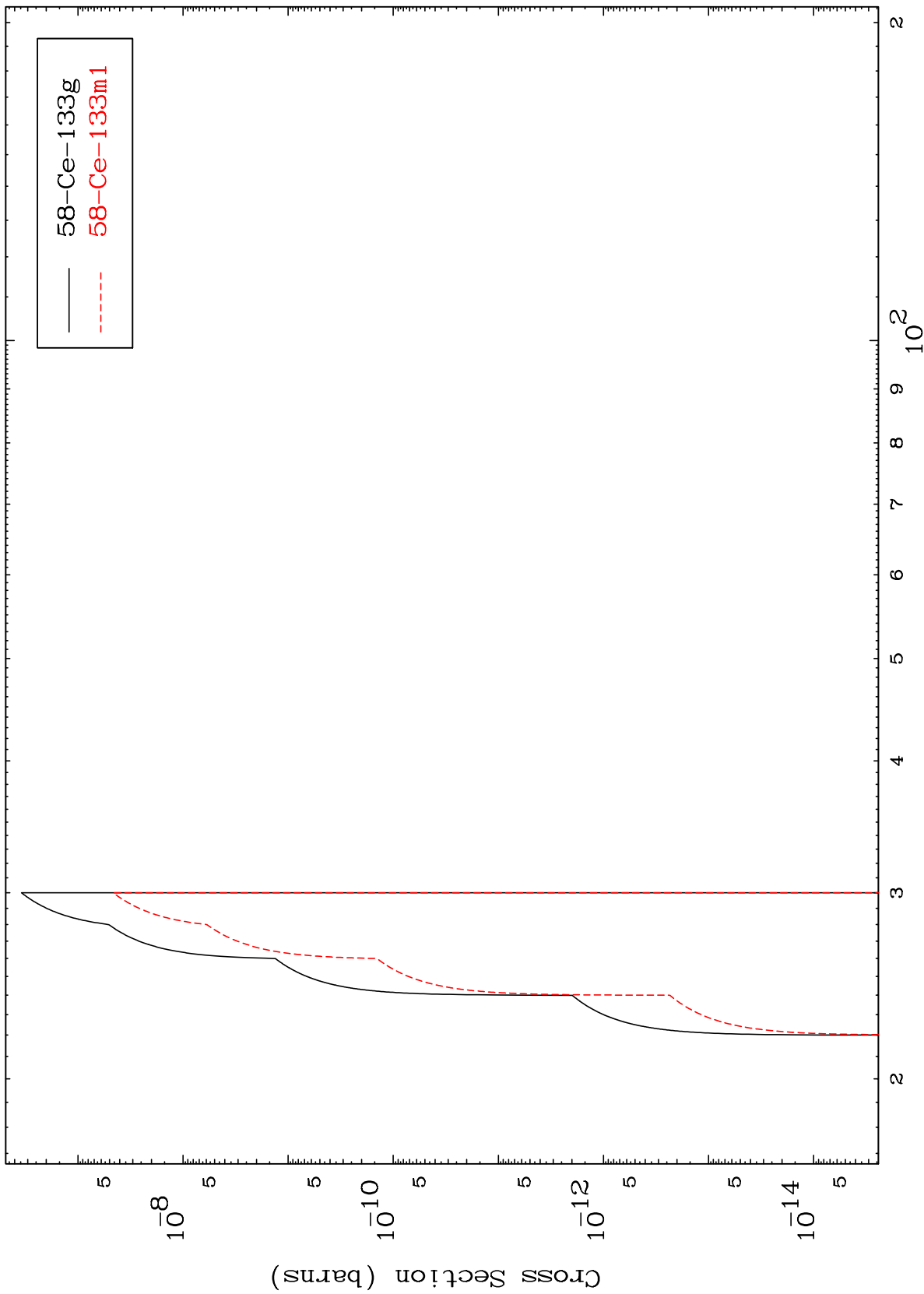
60-Nd-136

MAT 6007

(n,p) d

60-Nd-136

Radionuclide Production Cross Section



20

Incident Energy (MeV)

60-Nd-136