

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

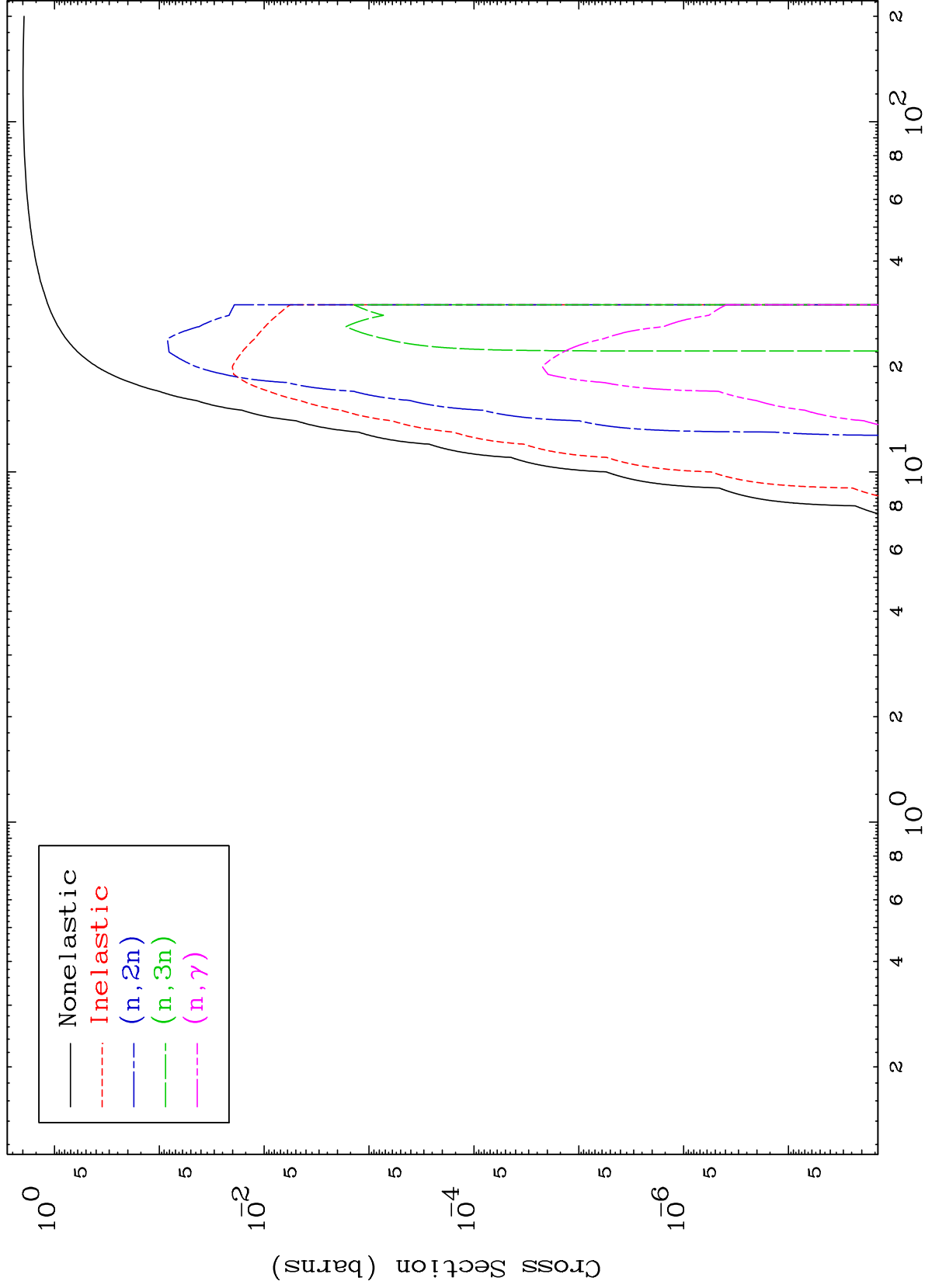
Press Mouse Button to Start

MAT 6007

He-3 Major

0 Kelvin Cross Sections

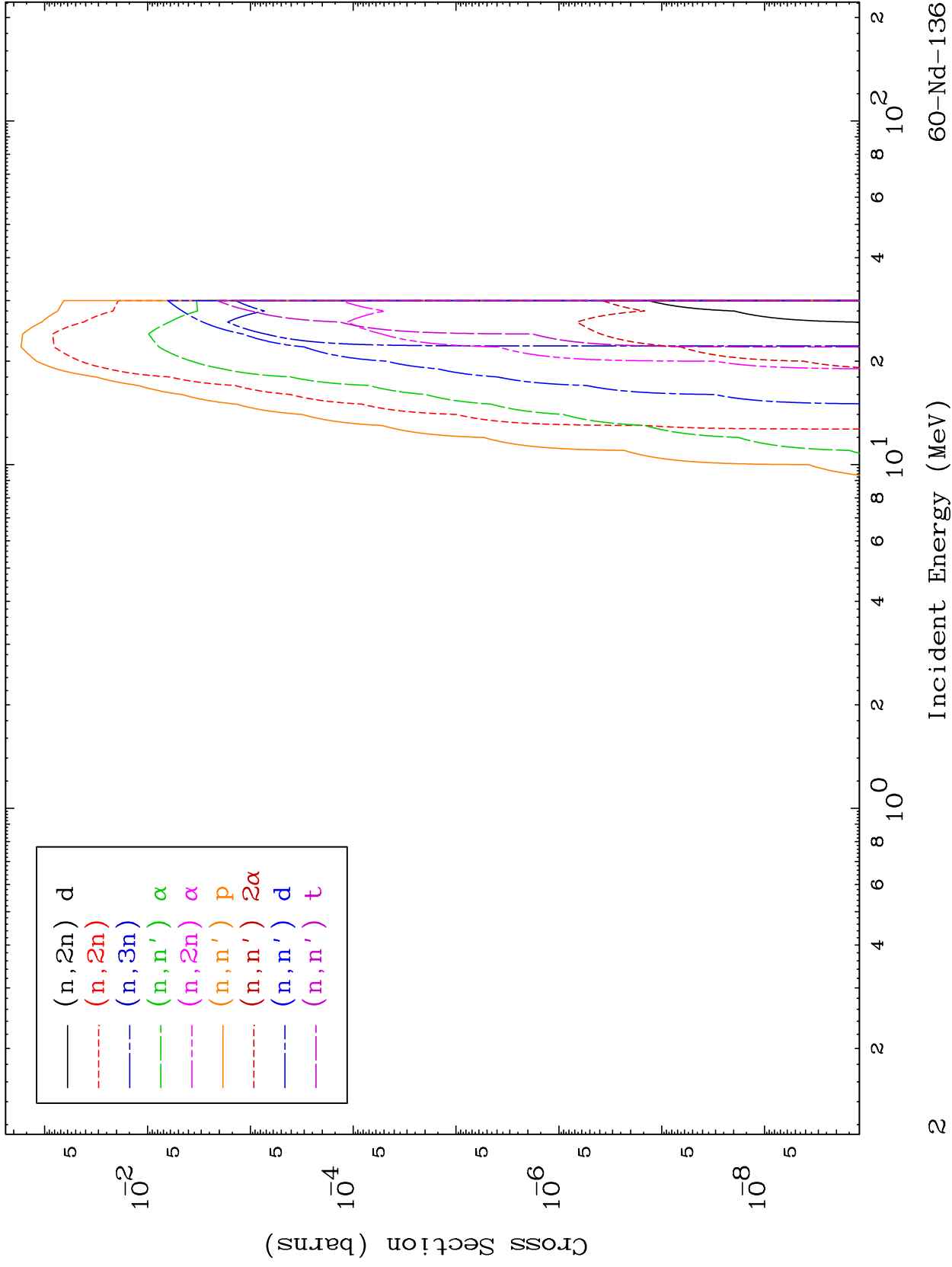
60-Nd-136



MAT 6007

He-3 Neutron Absorption
0 Kelvin Cross Sections

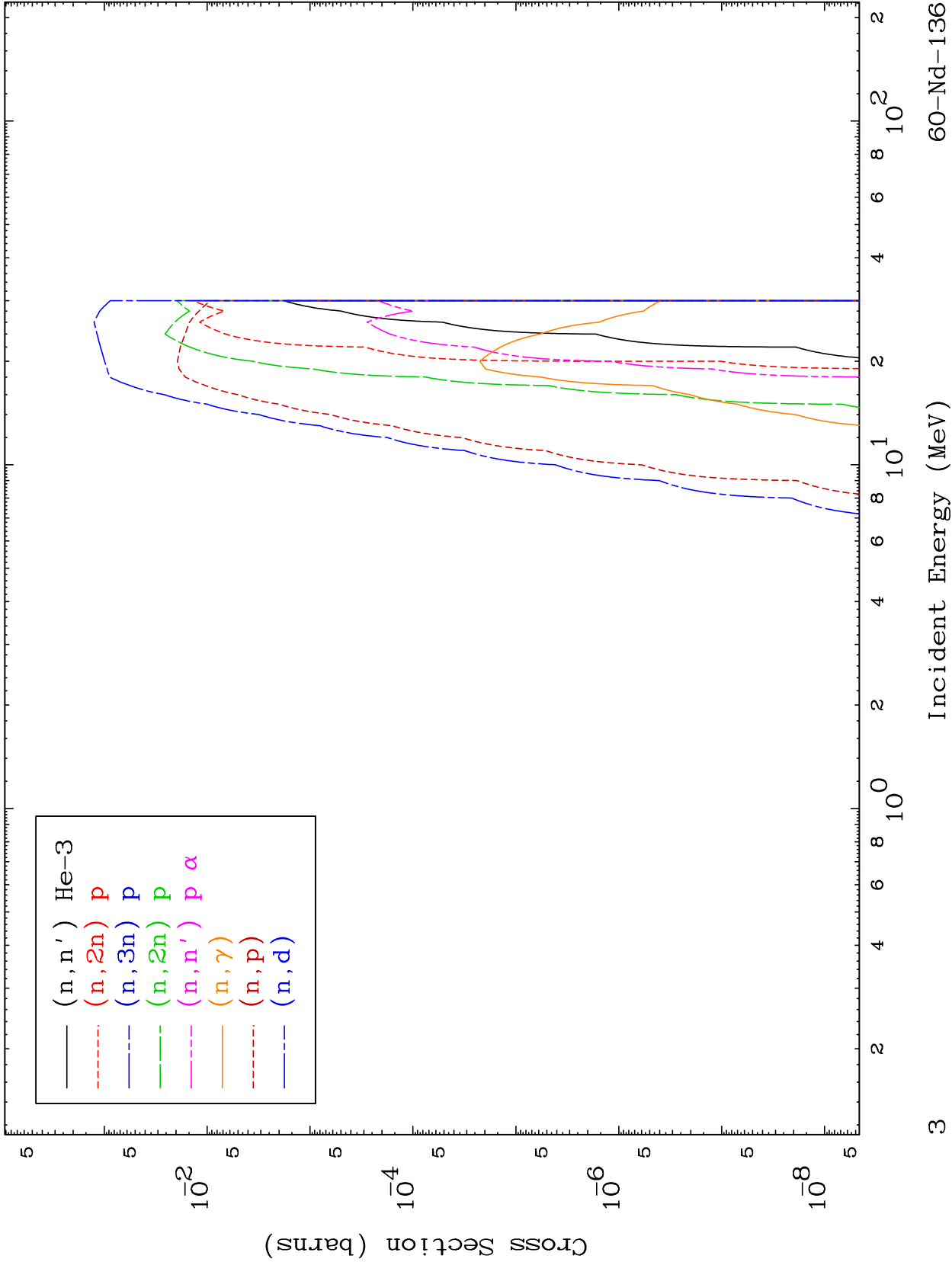
60-Nd-136



MAT 6007

He-3 Neutron Absorption
0 Kelvin Cross Sections

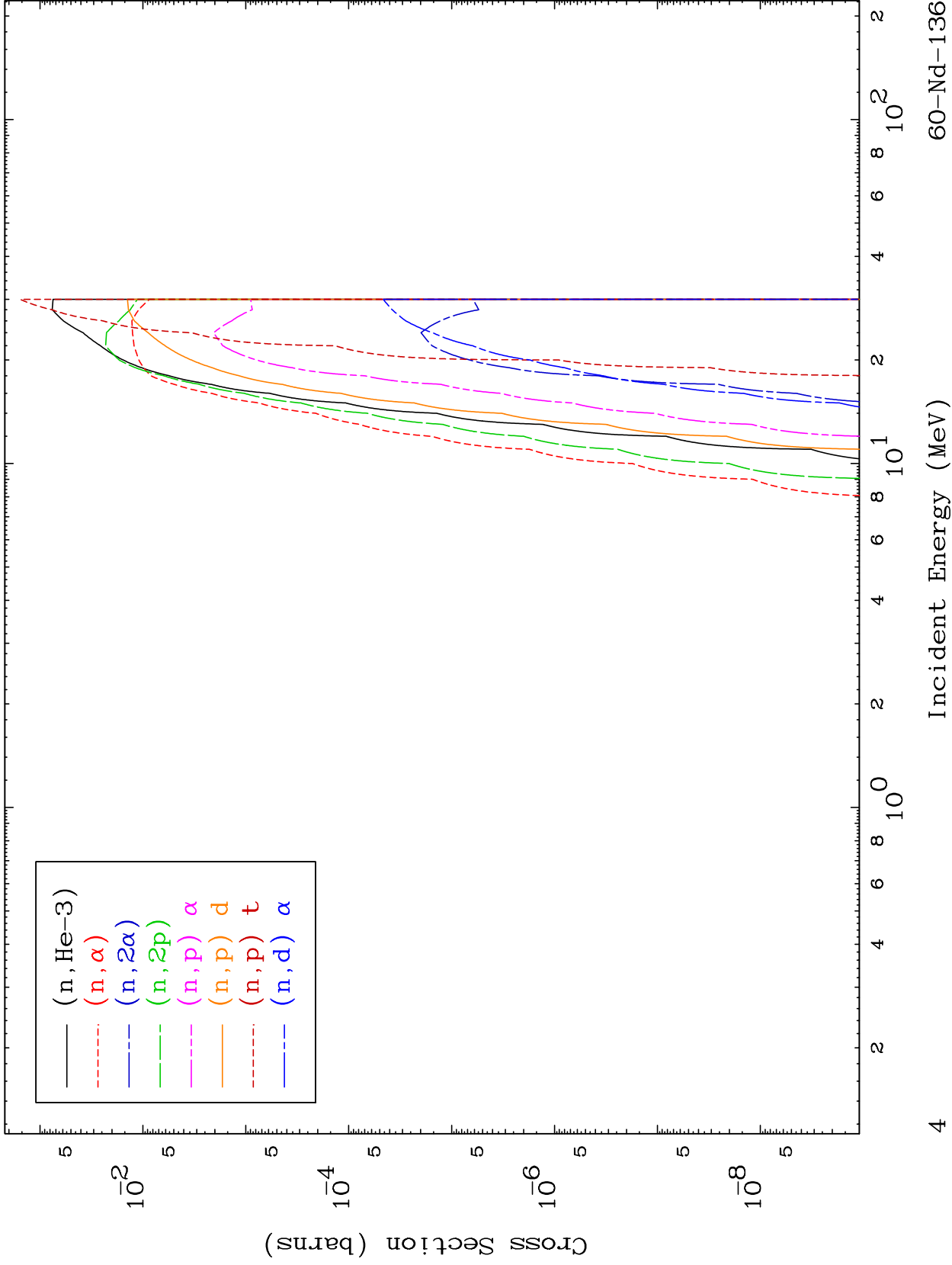
60-Nd-136



MAT 6007

He-3 Neutron Absorption
0 Kelvin Cross Sections

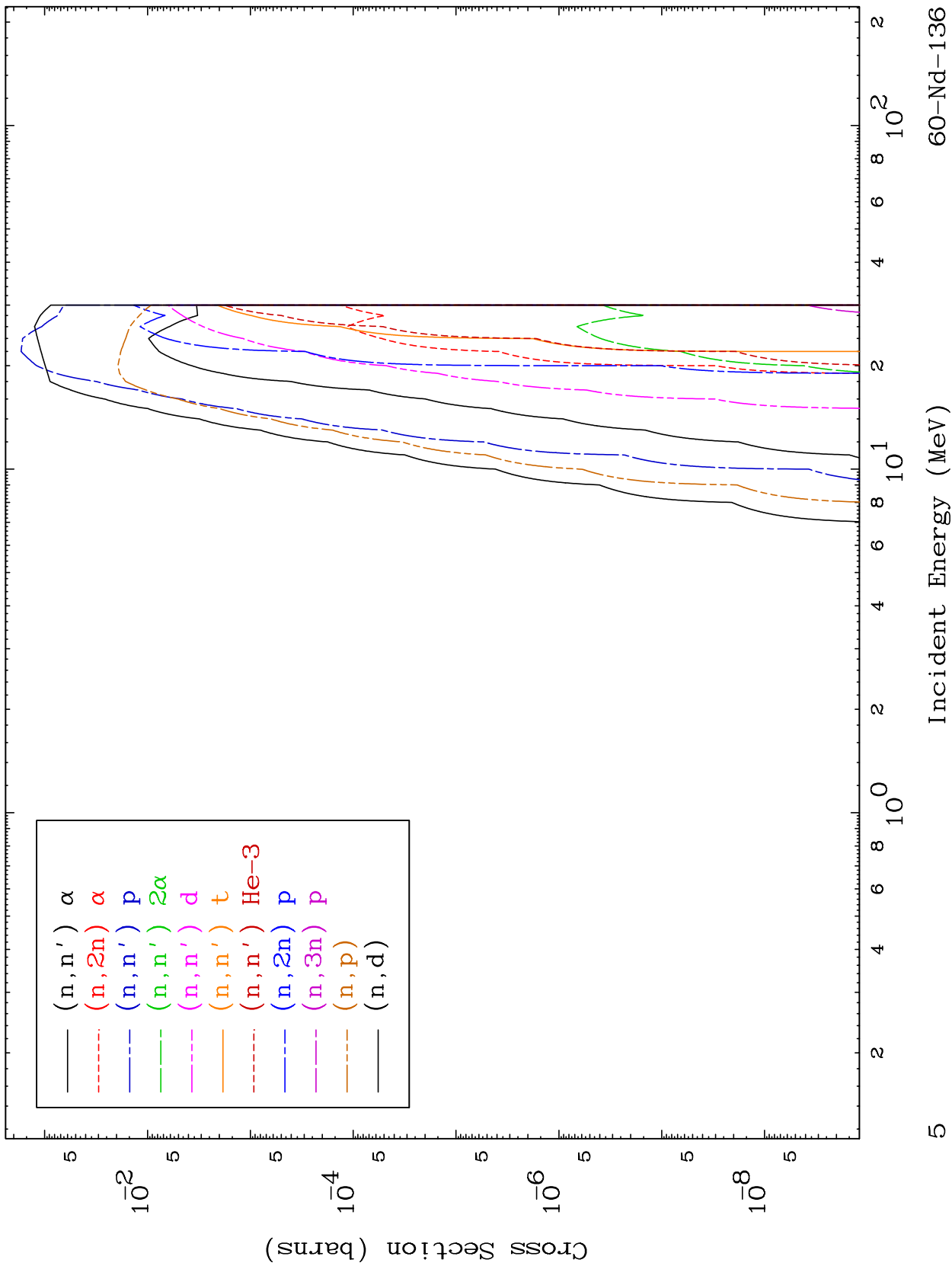
60-Nd-136



MAT 6007

He-3 Charged Particle
0 Kelvin Cross Sections

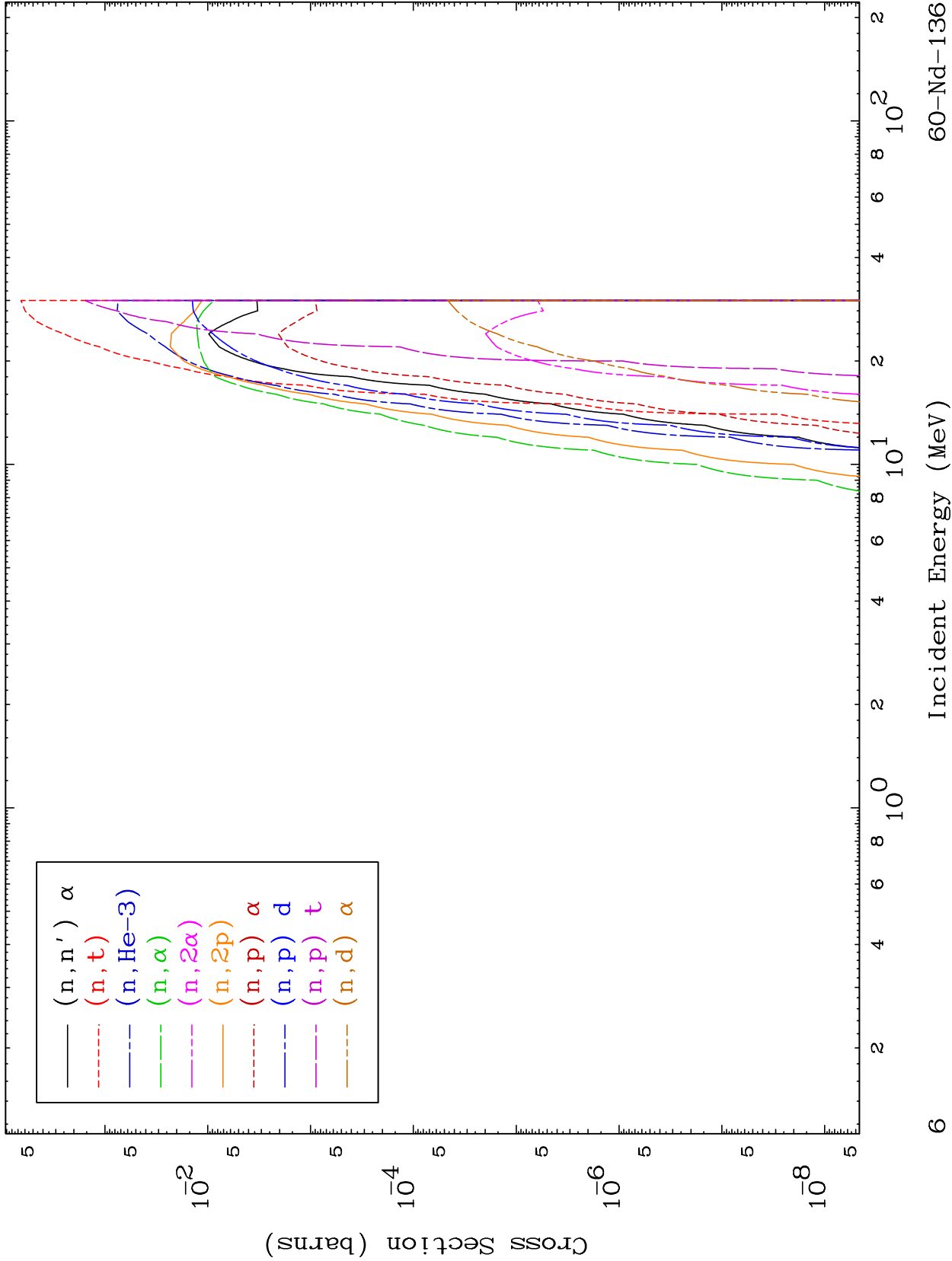
60-Nd-136



MAT 6007

He-3 Charged Particle
0 Kelvin Cross Sections

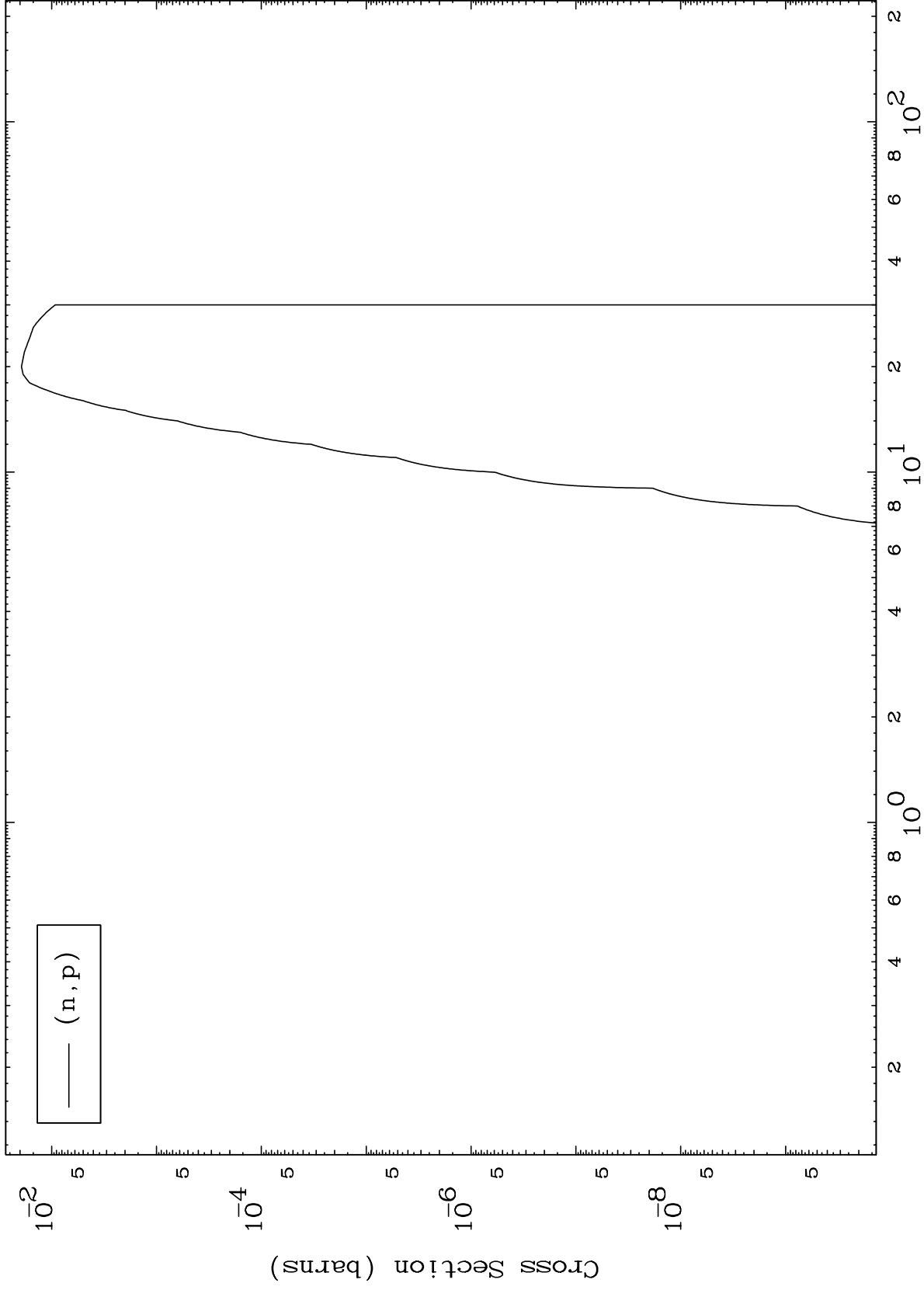
60-Nd-136



MAT 6007

(He-3,p) Levels
0 Kelvin Cross Sections

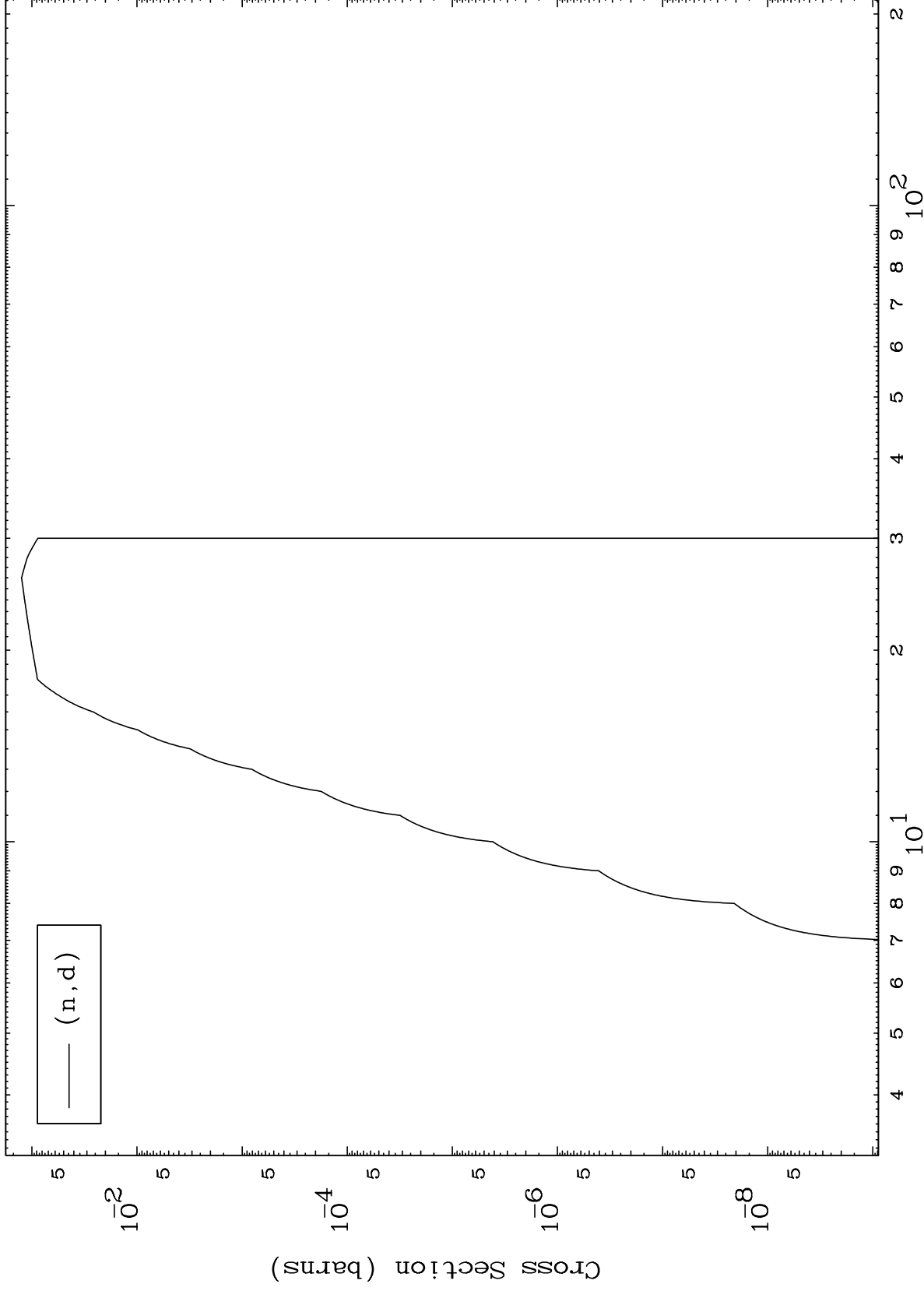
60-Nd-136



MAT 6007

(He-3,d) Levels
0 Kelvin Cross Sections

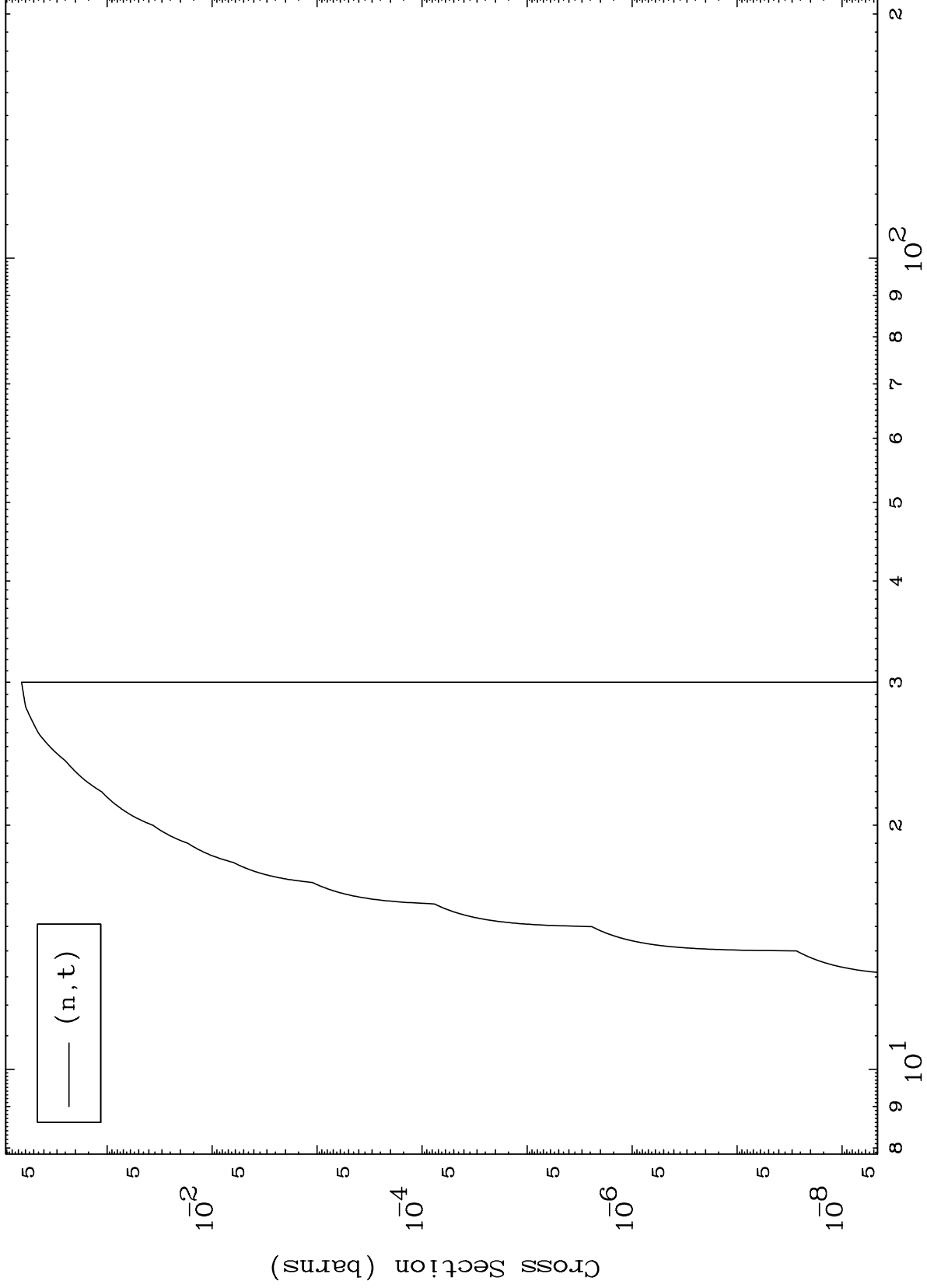
60-Nd-136



MAT 6007

(He-3,t) Levels
0 Kelvin Cross Sections

60-Nd-136



9

Incident Energy (MeV)

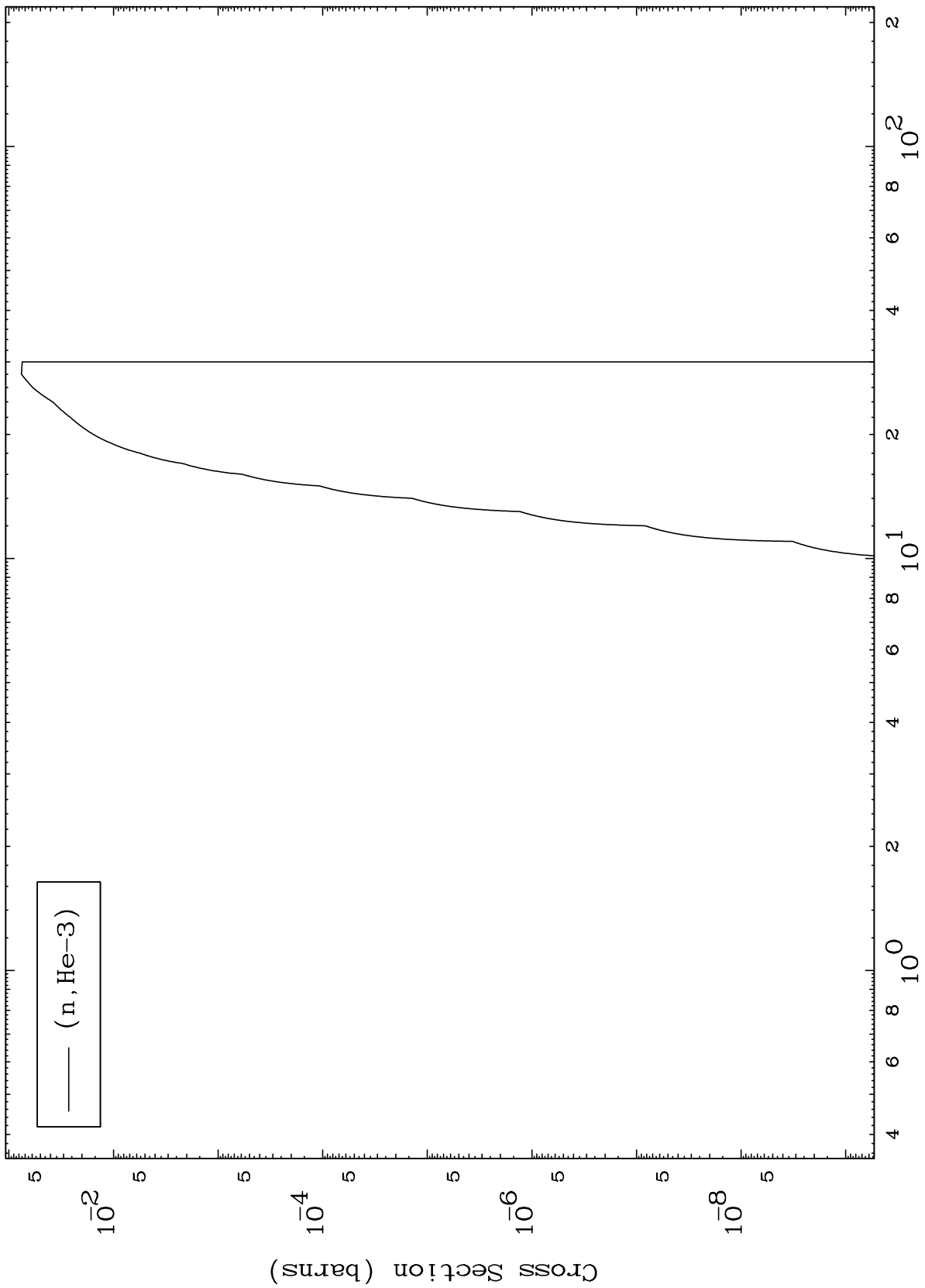
60-Nd-136

MAT 6007

(He-3, He3) Levels

60-Nd-136

0 Kelvin Cross Sections



10

Incident Energy (MeV)

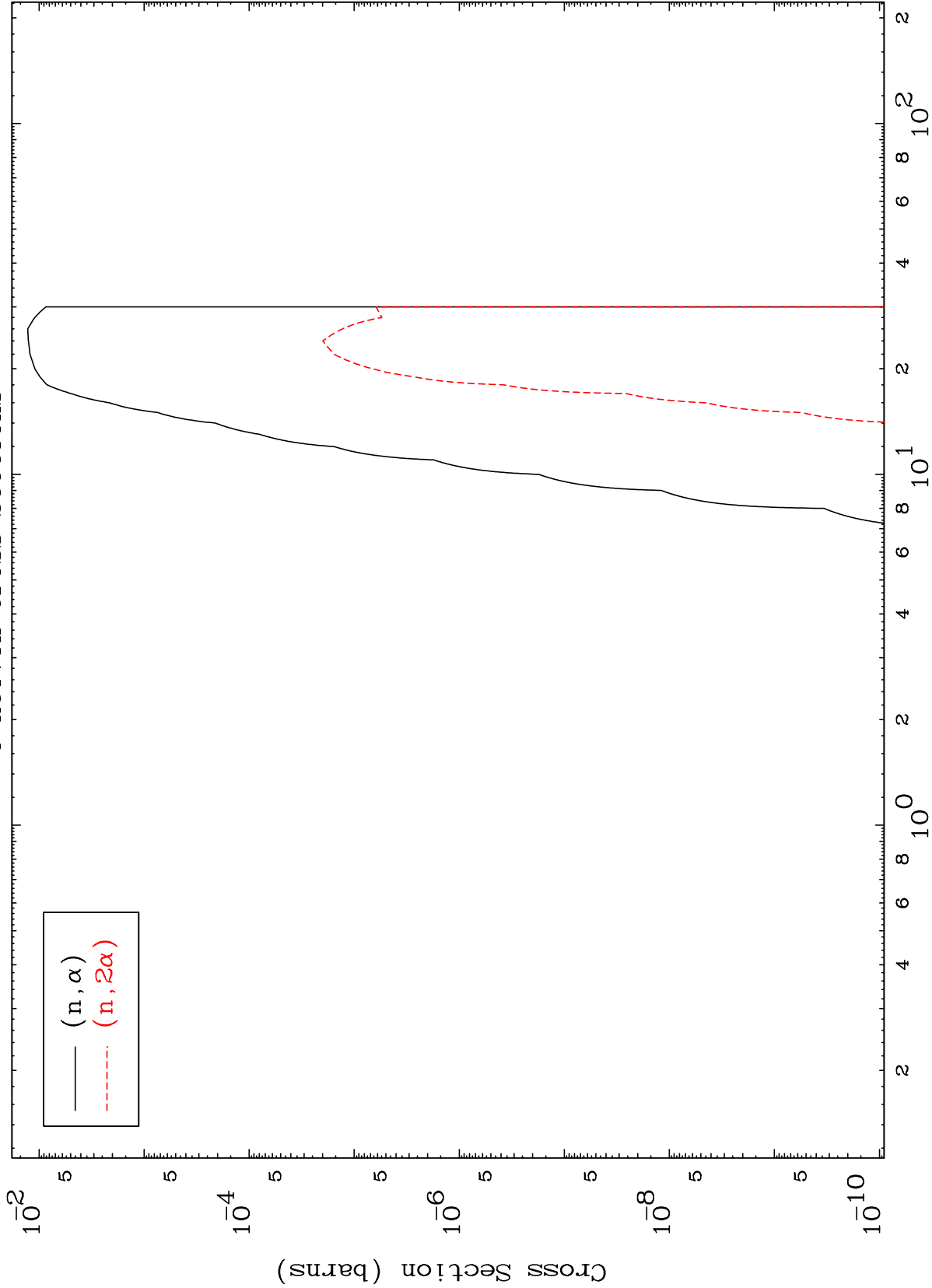
60-Nd-136

MAT 6007

(He-3, α) Levels

60-Nd-136

0 Kelvin Cross Sections

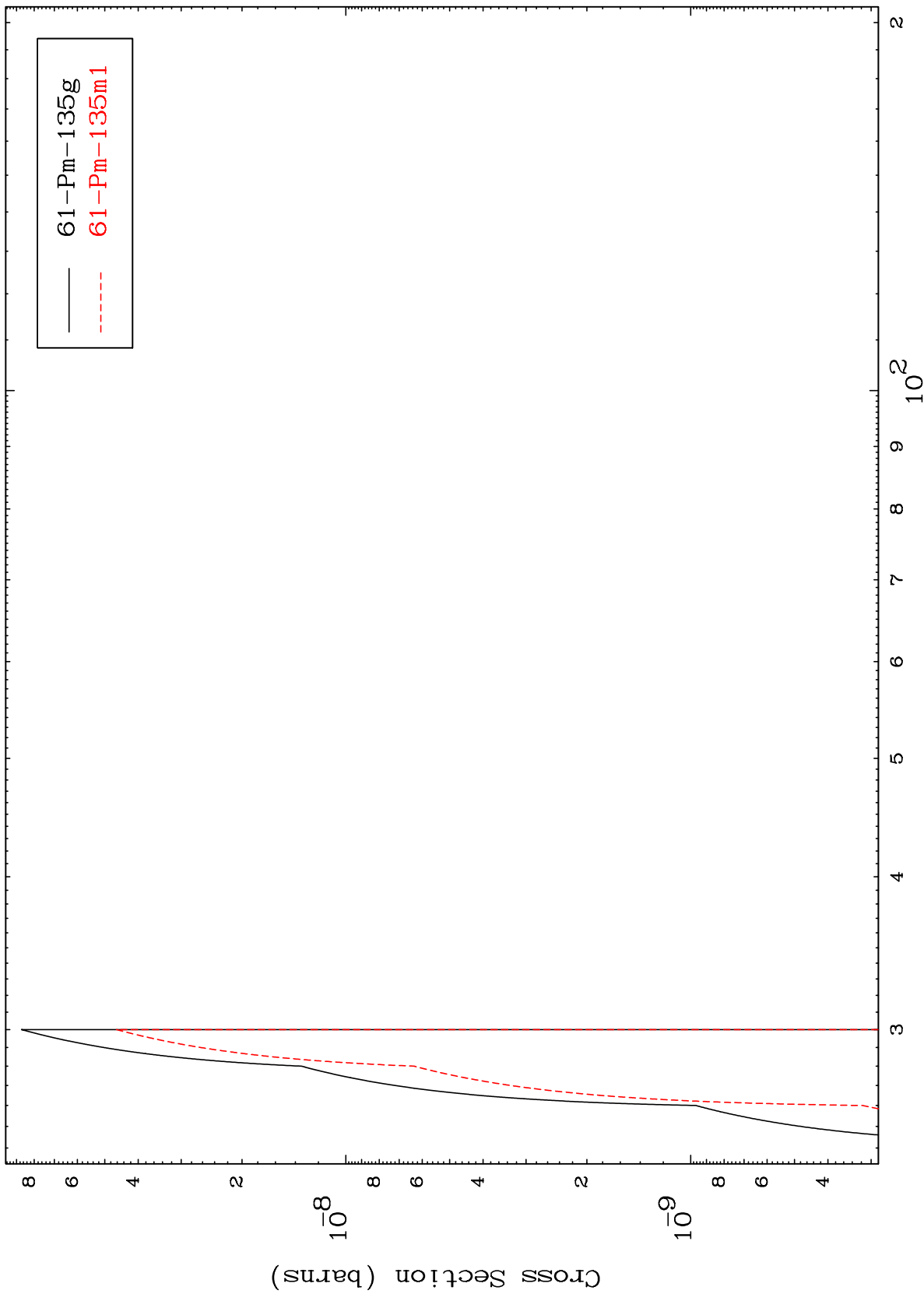


MAT 6007

(n,2n) d

60-Nd-136

Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

12

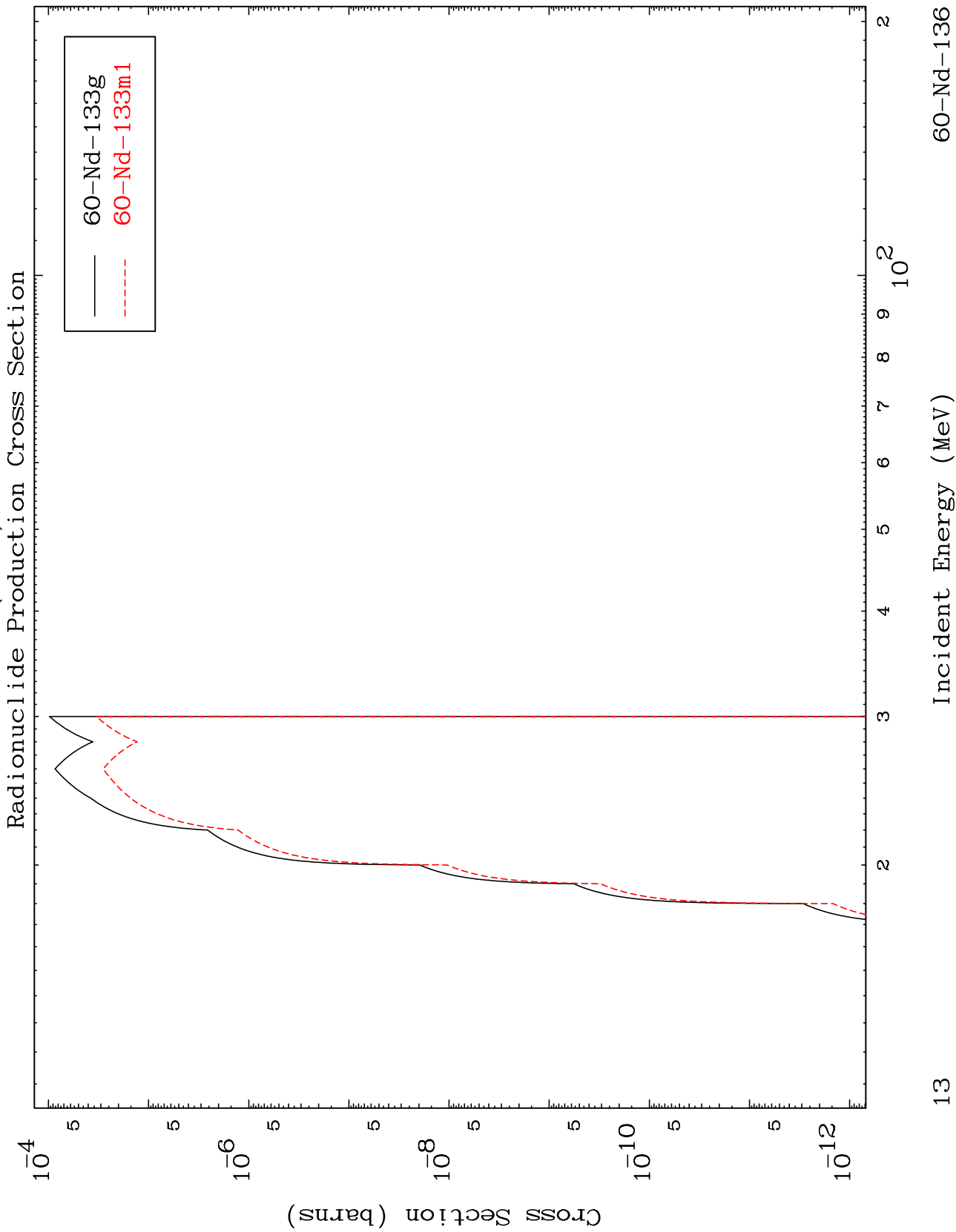
Incident Energy (MeV)

60-Nd-136

MAT 6007

$(n,2n) \alpha$

$^{60}\text{Nd}-136$



13

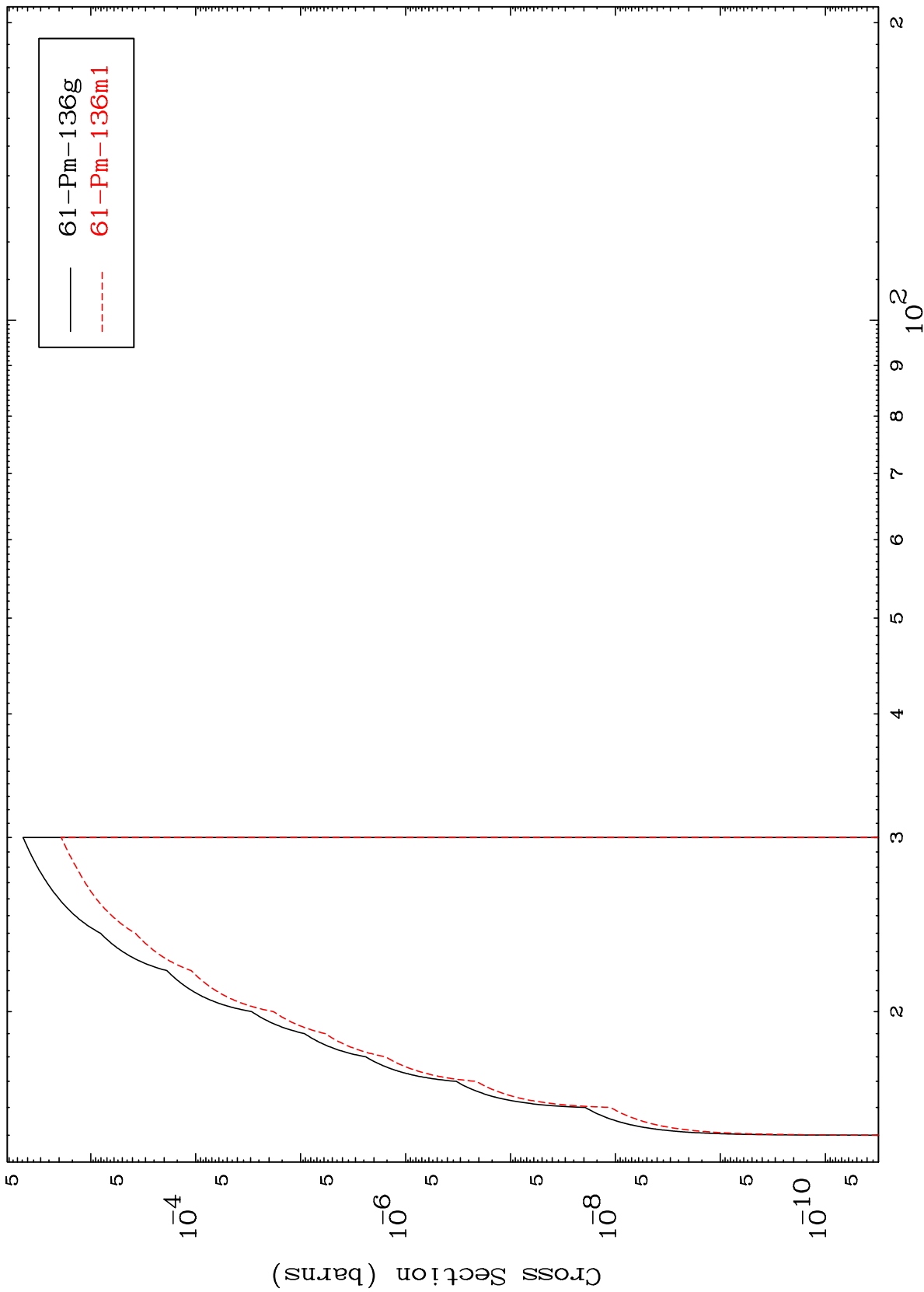
$^{60}\text{Nd}-136$

MAT 6007

(n,n') d

60-Nd-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

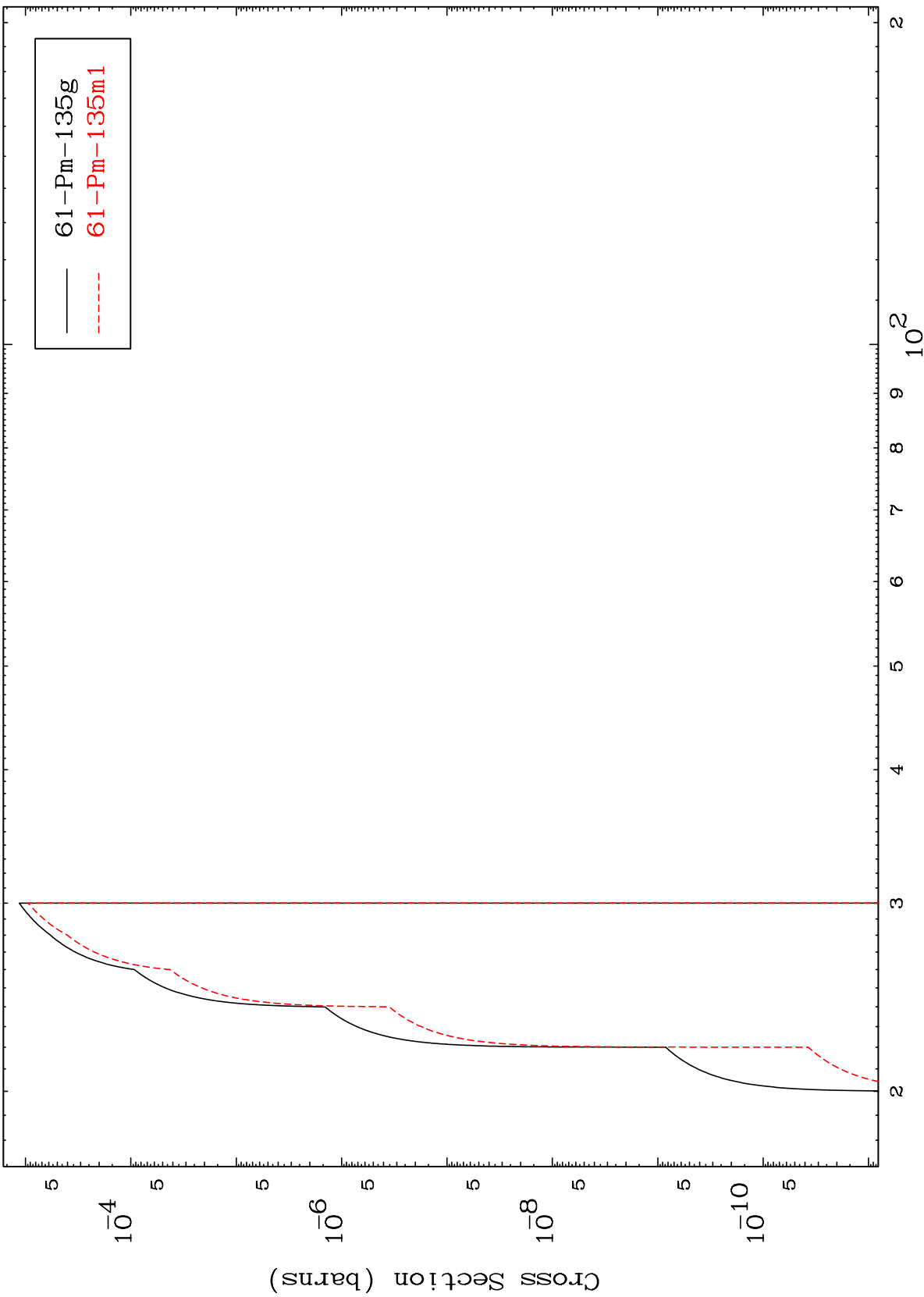
60-Nd-136

MAT 6007

(n,n') t

60-Nd-136

Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

15

Incident Energy (MeV)

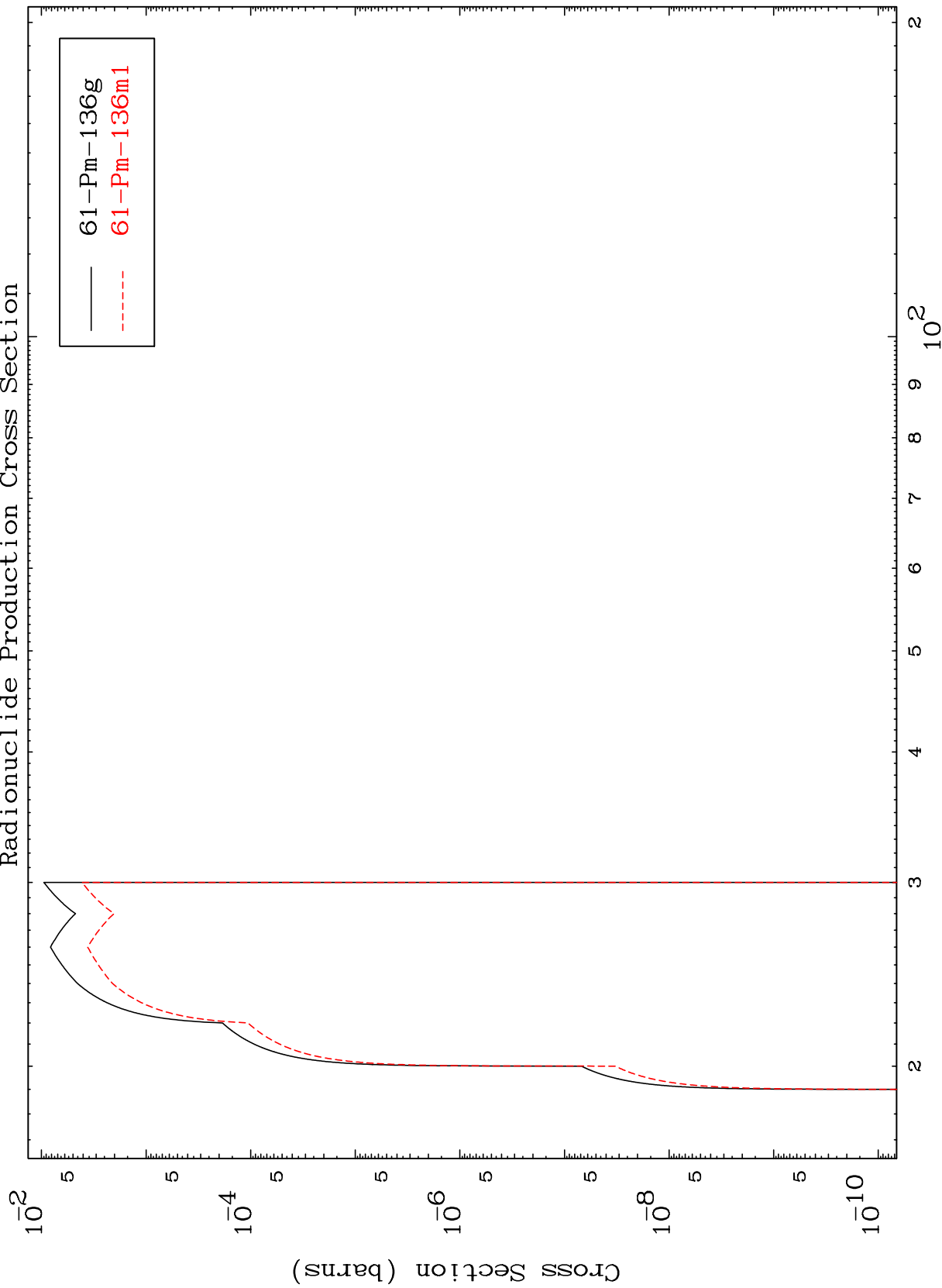
60-Nd-136

MAT 6007

(n,2n) p

60-Nd-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

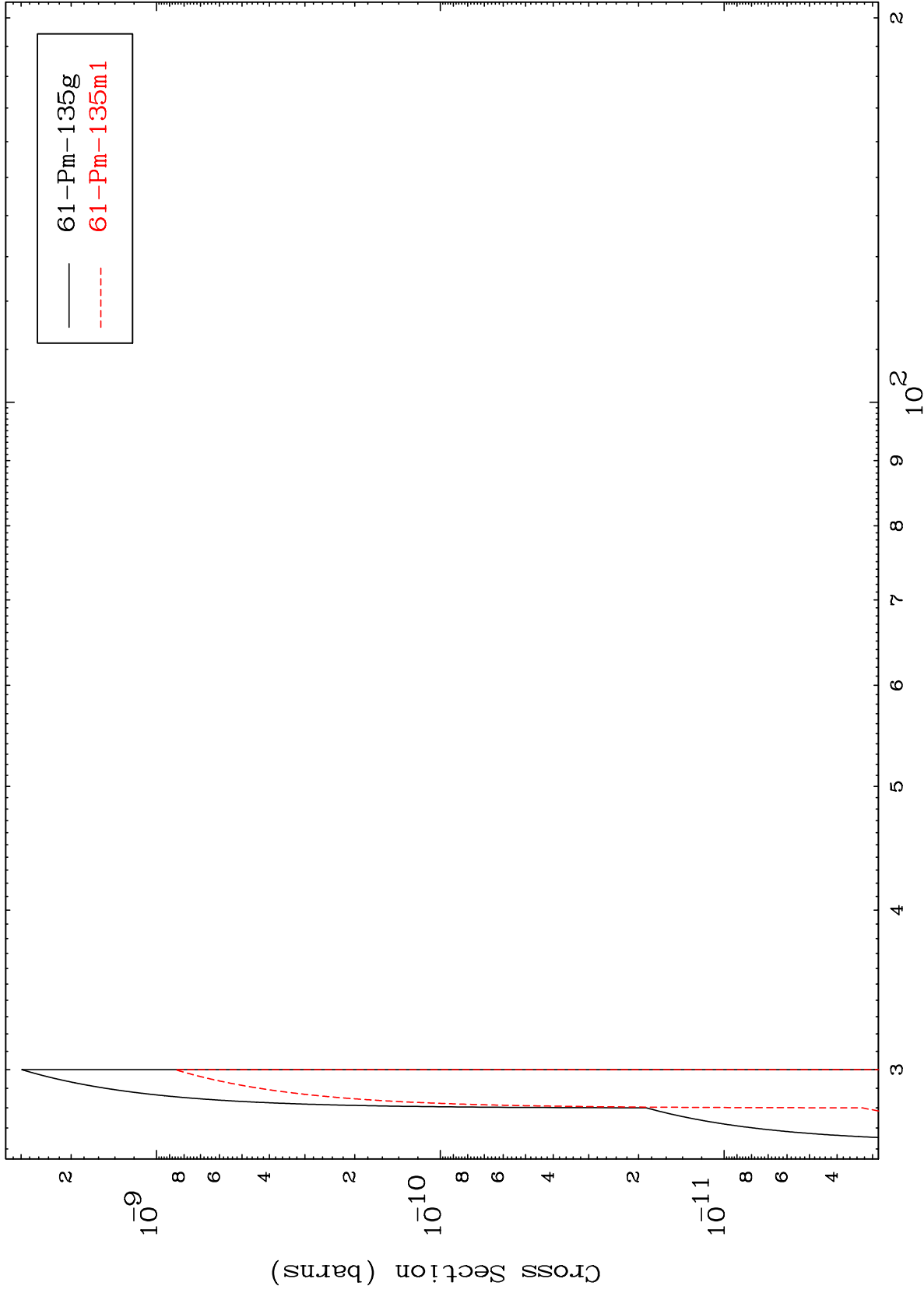
60-Nd-136

MAT 6007

(n,3n) p

60-Nd-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

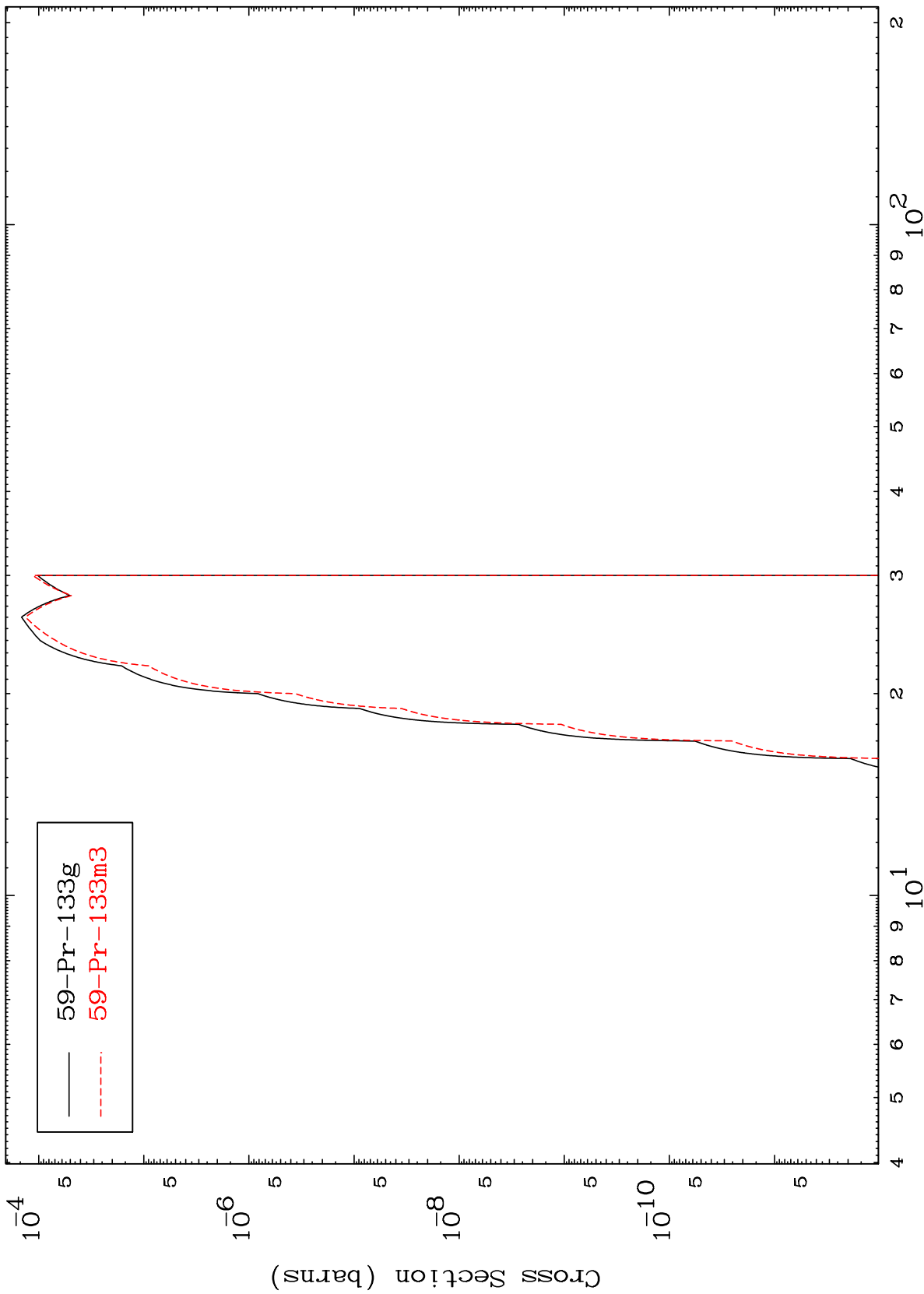
60-Nd-136

MAT 6007

(n,n') p α

60-Nd-136

Radionuclide Production Cross Section



18

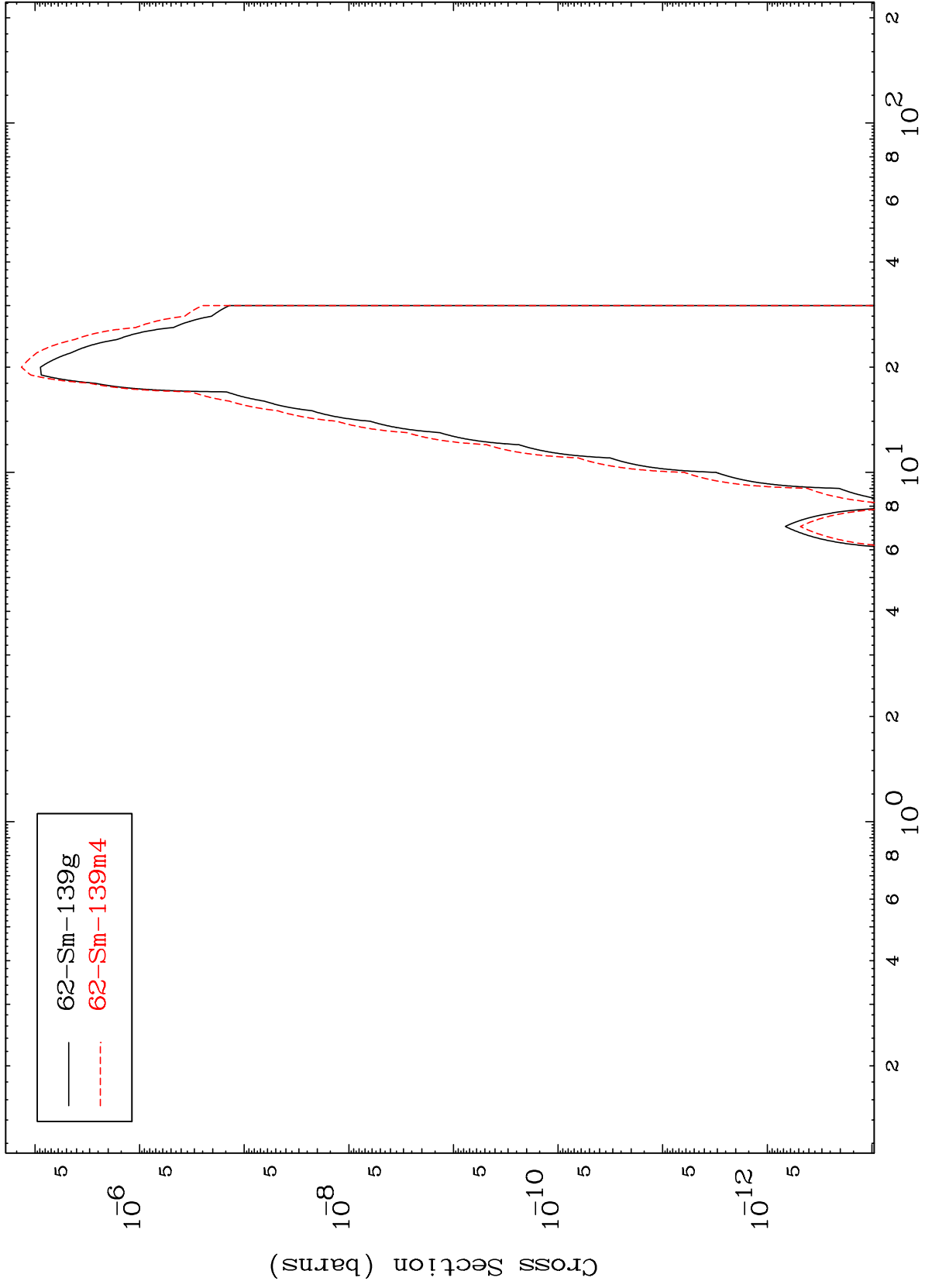
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(n, γ)
Radionuclide Production Cross Section



60-Nd-136

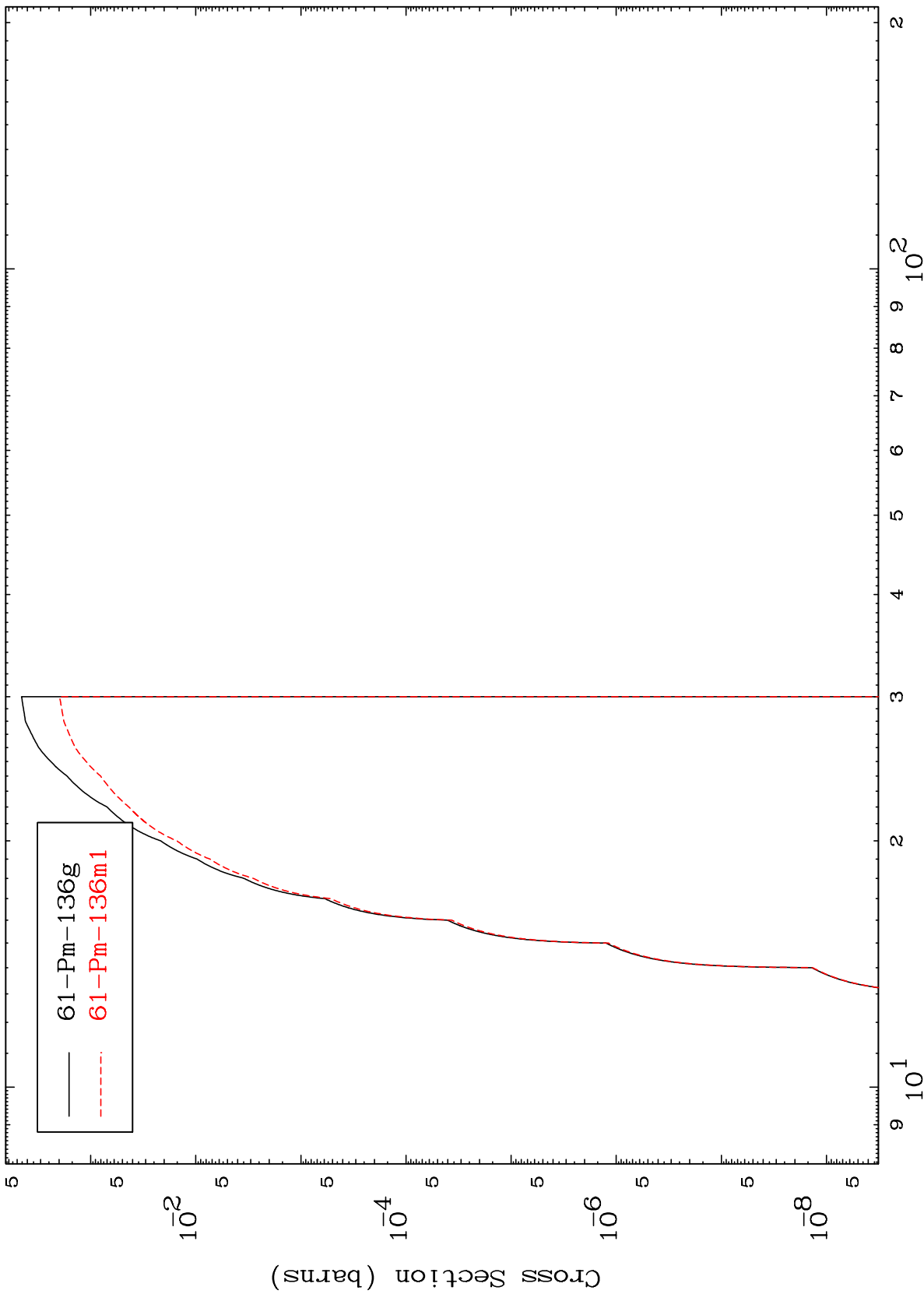
Incident Energy (MeV)

19

MAT 6007

60-Nd-136

(n,t)
Radionuclide Production Cross Section



60-Nd-136

Incident Energy (MeV)

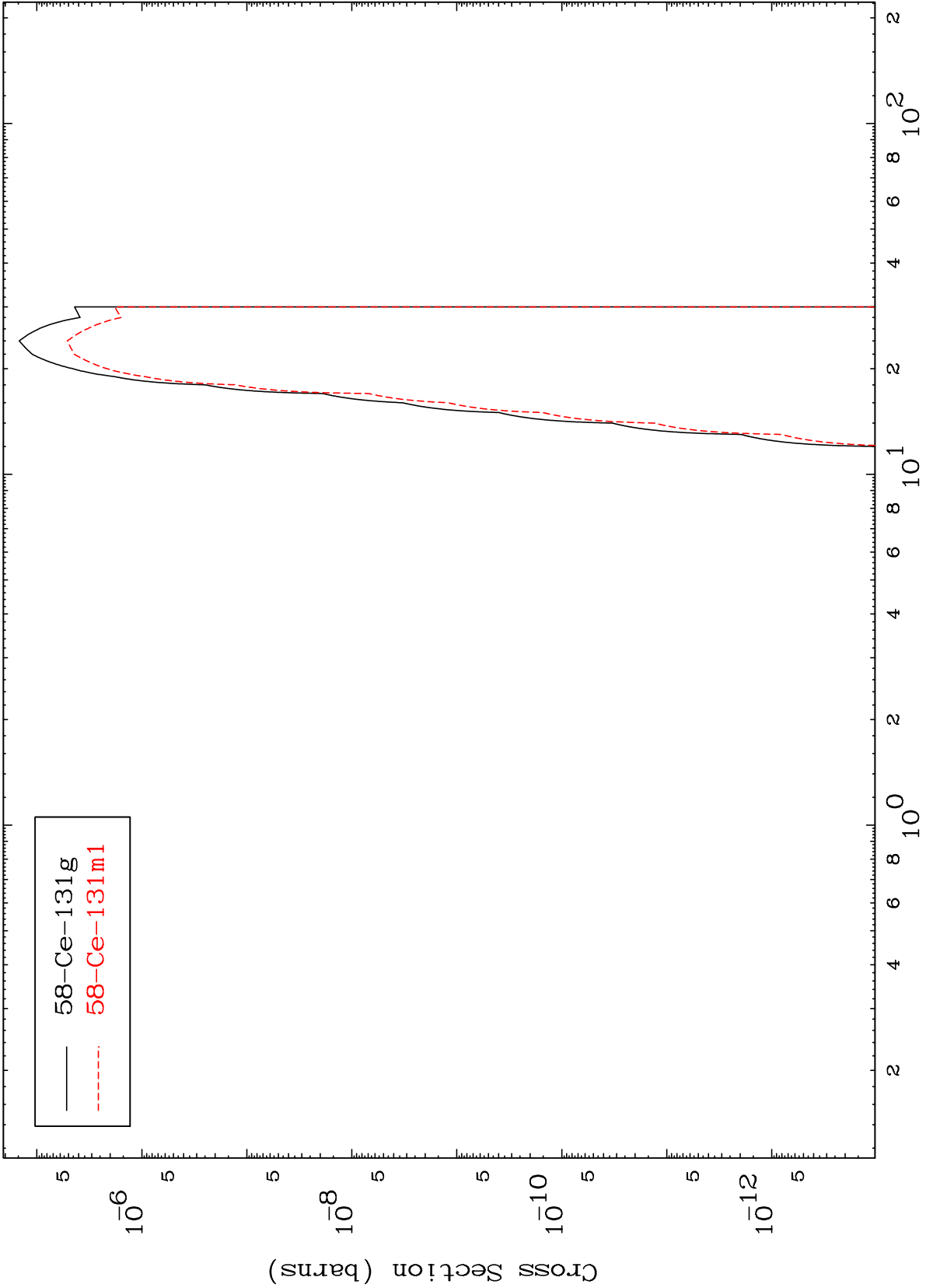
20

MAT 6007

(n,2α)

60-Nd-136

Radionuclide Production Cross Section

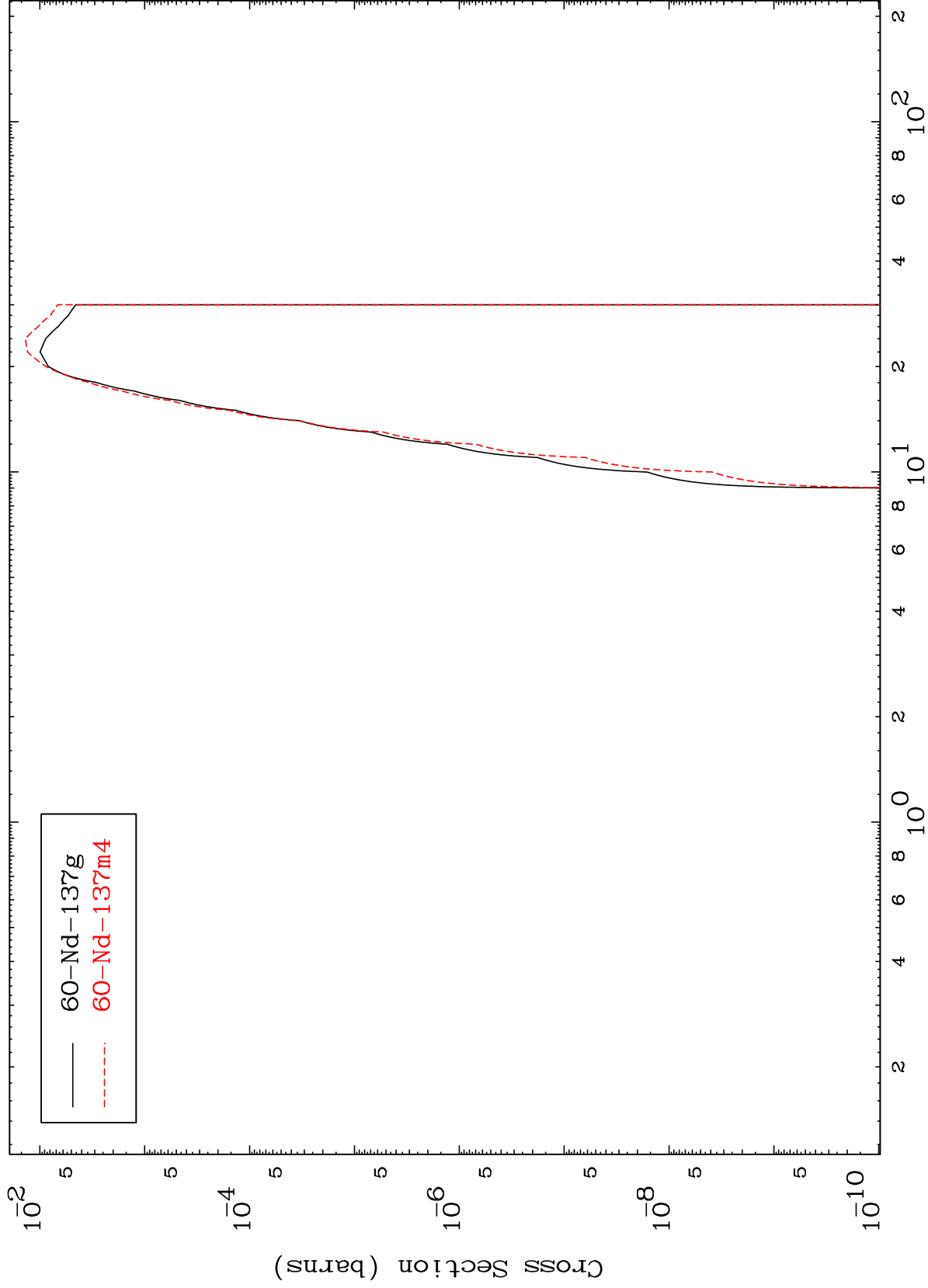


58-Ce-131g
58-Ce-131m1

MAT 6007

60-Nd-136

(n,2p)
Radionuclide Production Cross Section



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

60-Nd-136

Incident Energy (MeV)

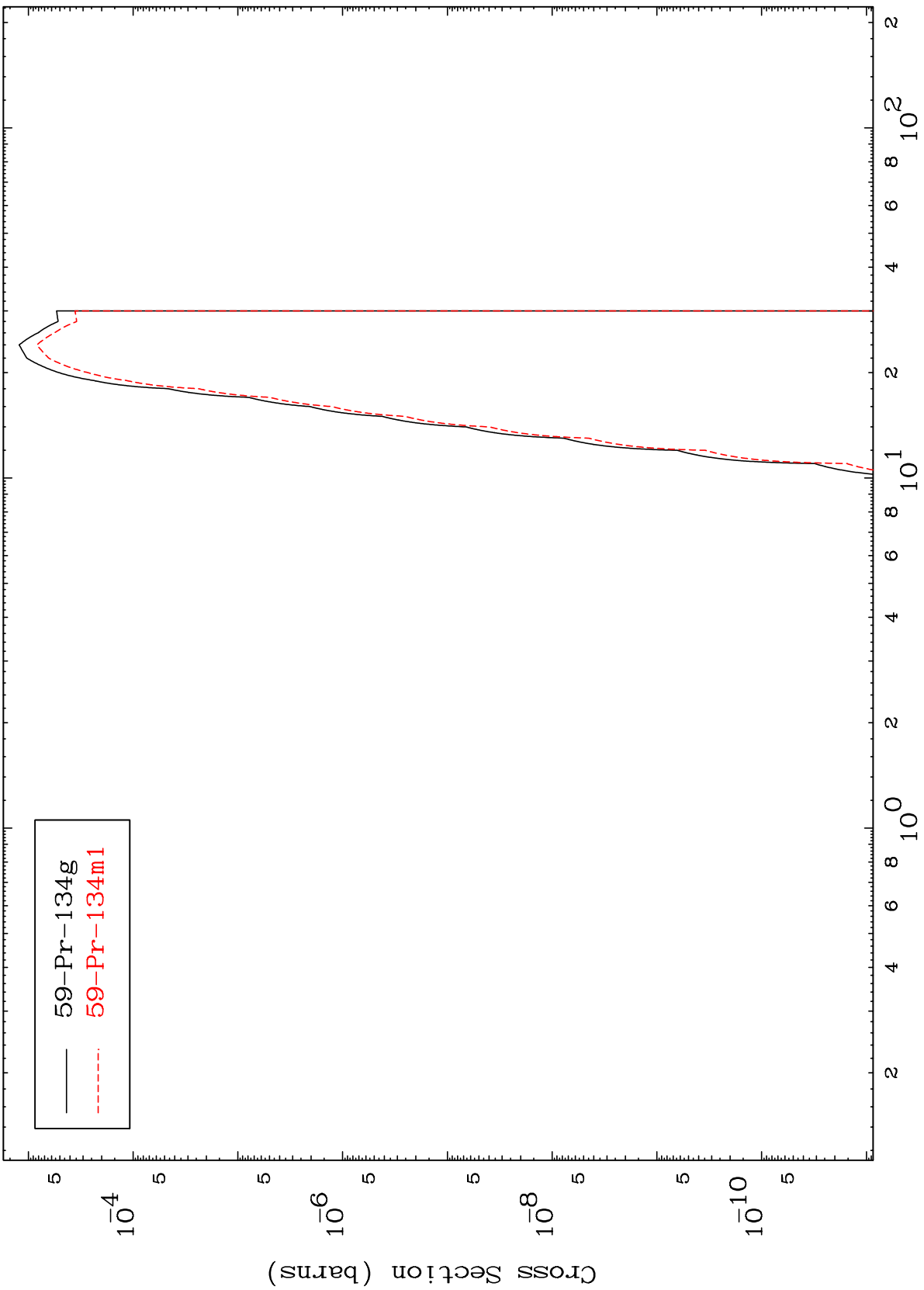
22

MAT 6007

(n,p) α

60-Nd-136

Radionuclide Production Cross Section



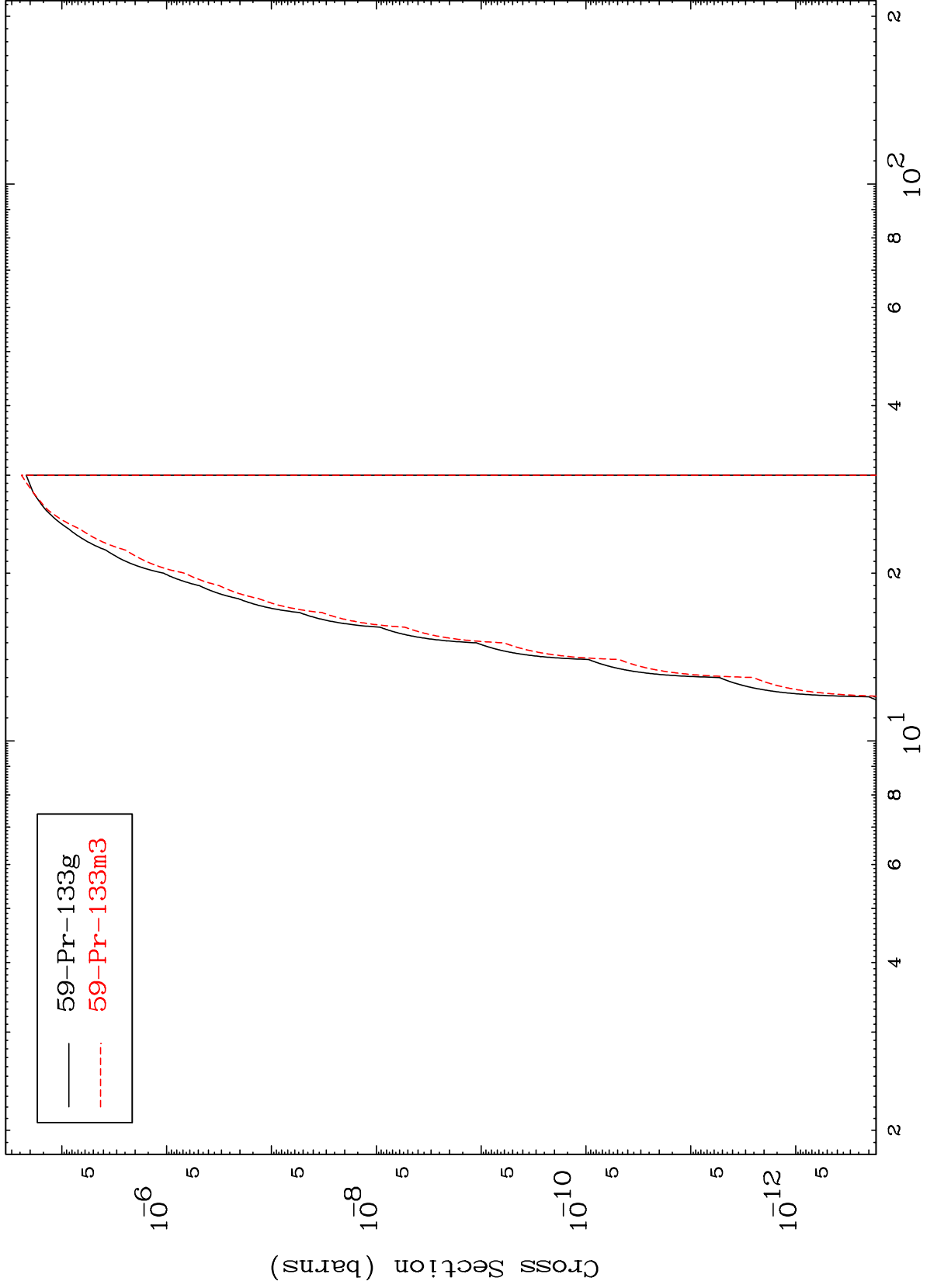
59-Pr-134g
59-Pr-134m1

MAT 6007

(n,d) α

⁶⁰Nd-136

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3