

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

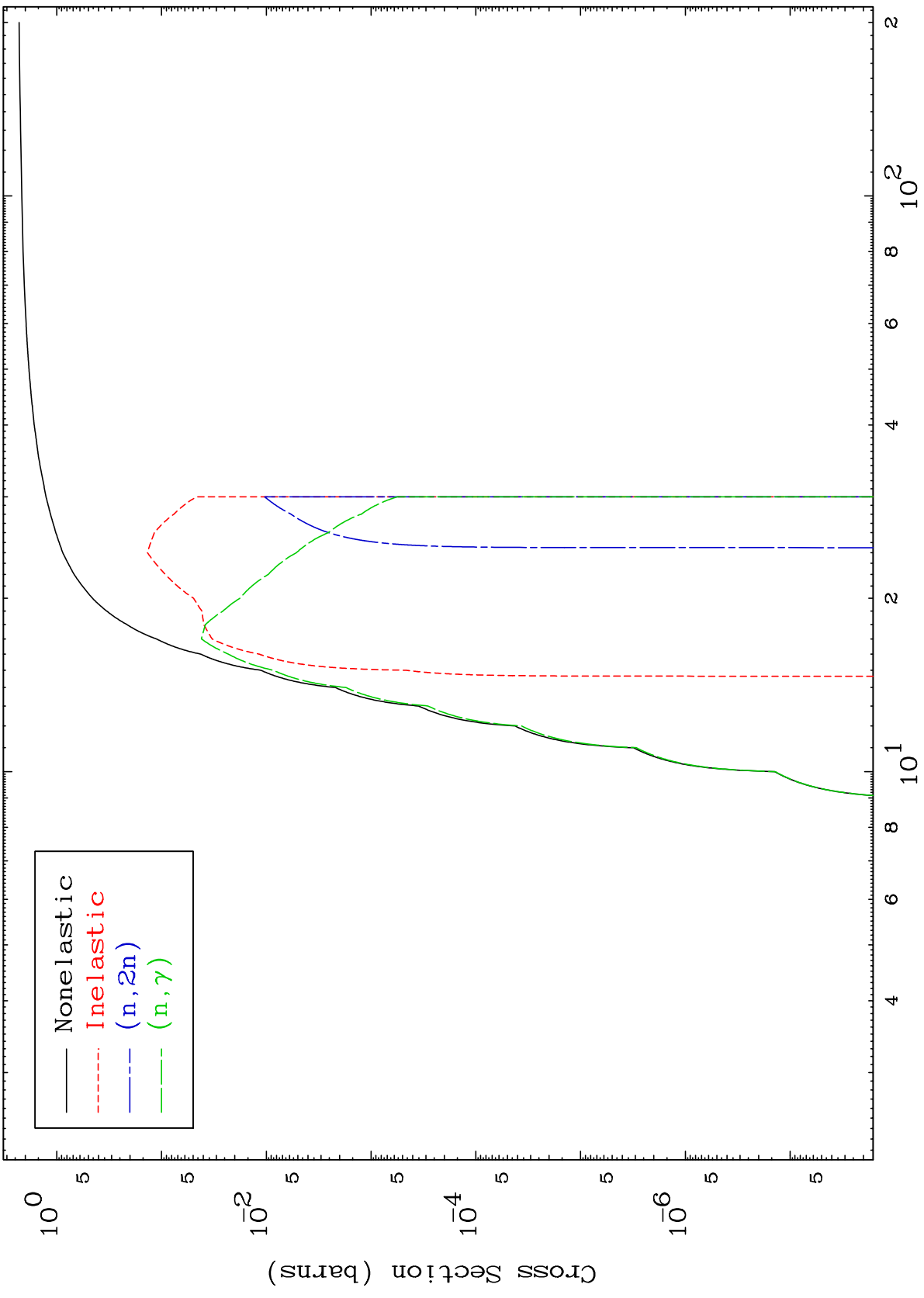
Press Mouse Button to Start

MAT 5995

α Major

60-Nd-132

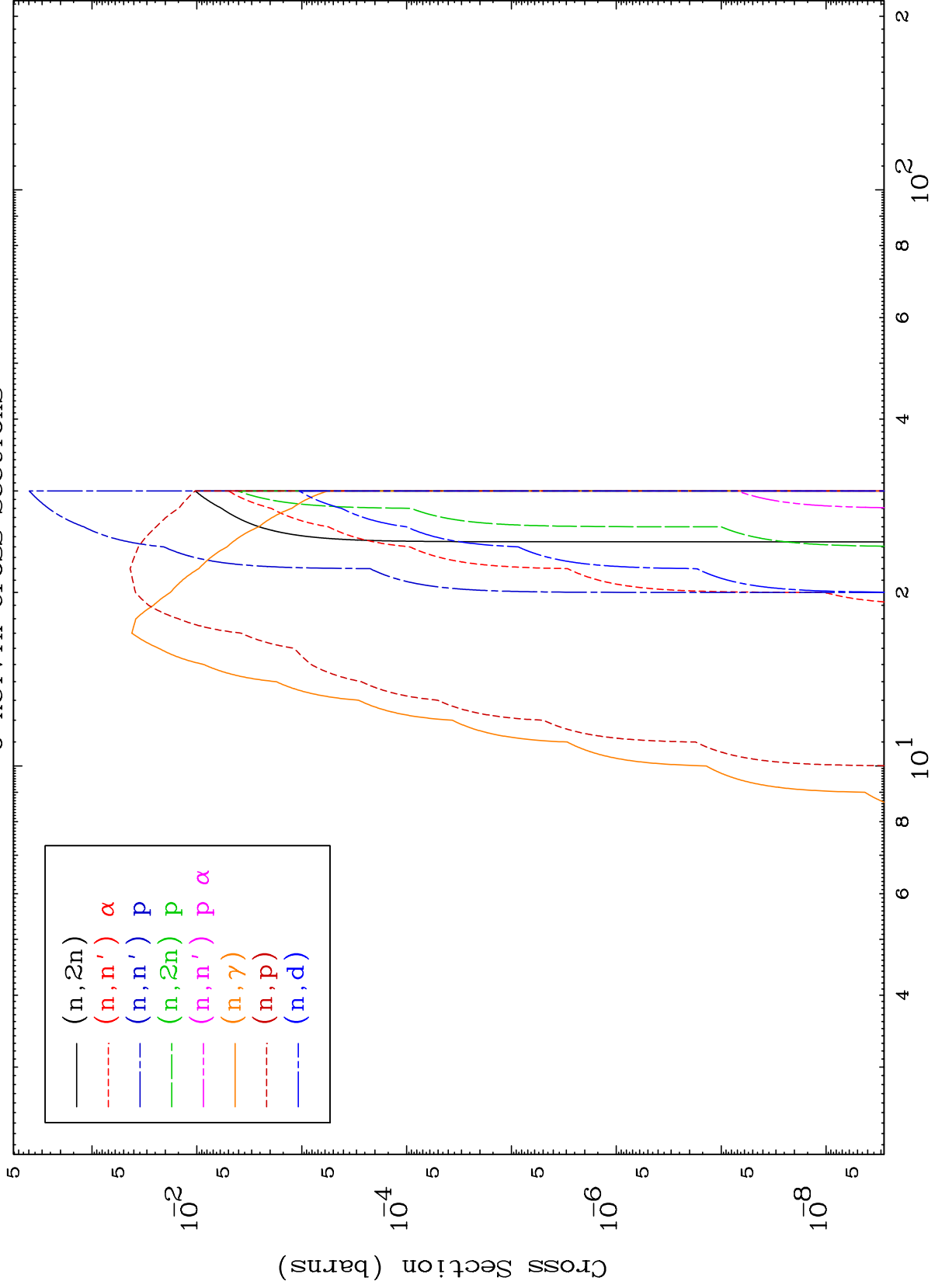
0 Kelvin Cross Sections



60-Nd-132

Incident Energy (MeV)

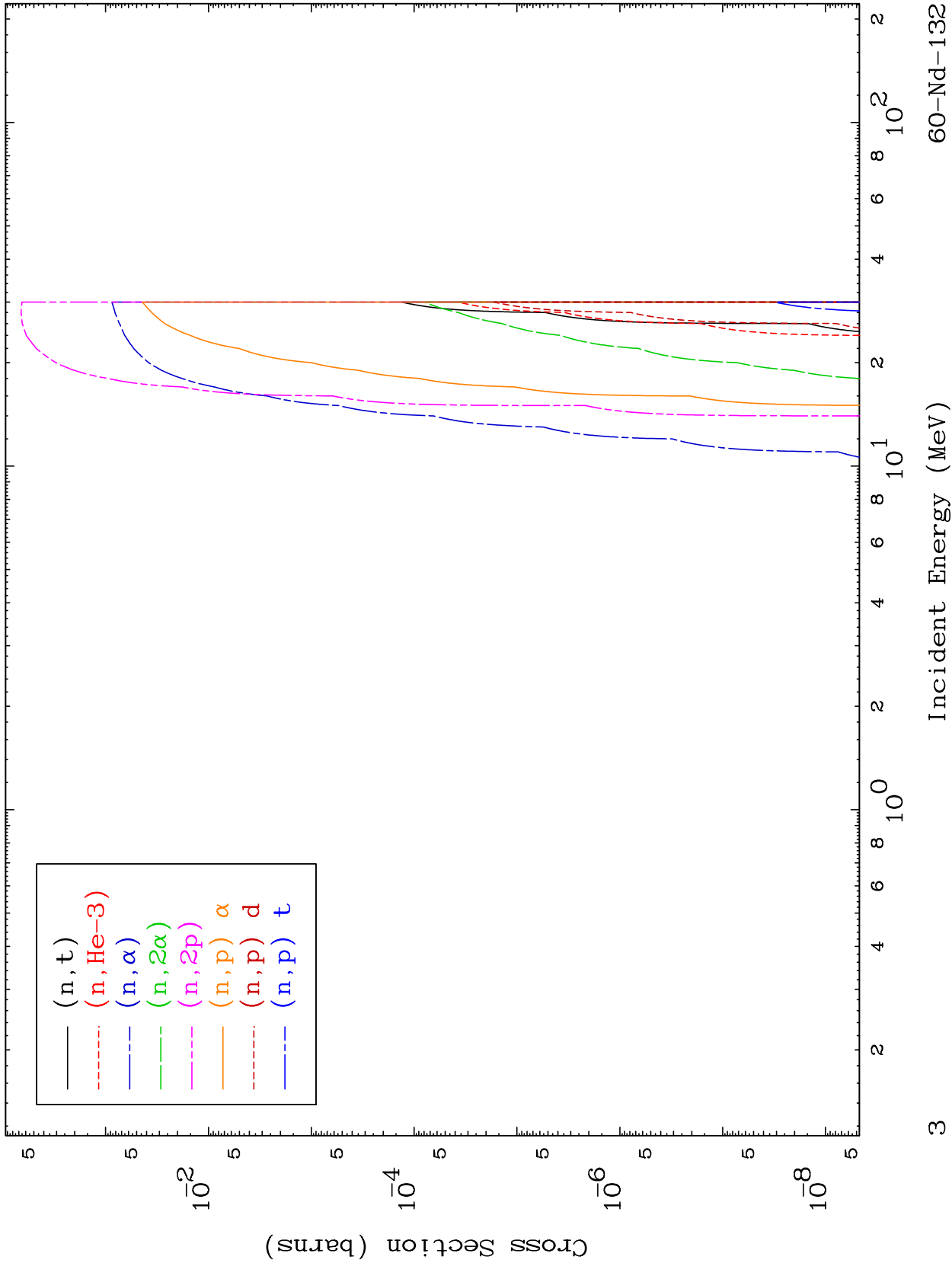
1



MAT 5995

α Neutron Absorption
0 Kelvin Cross Sections

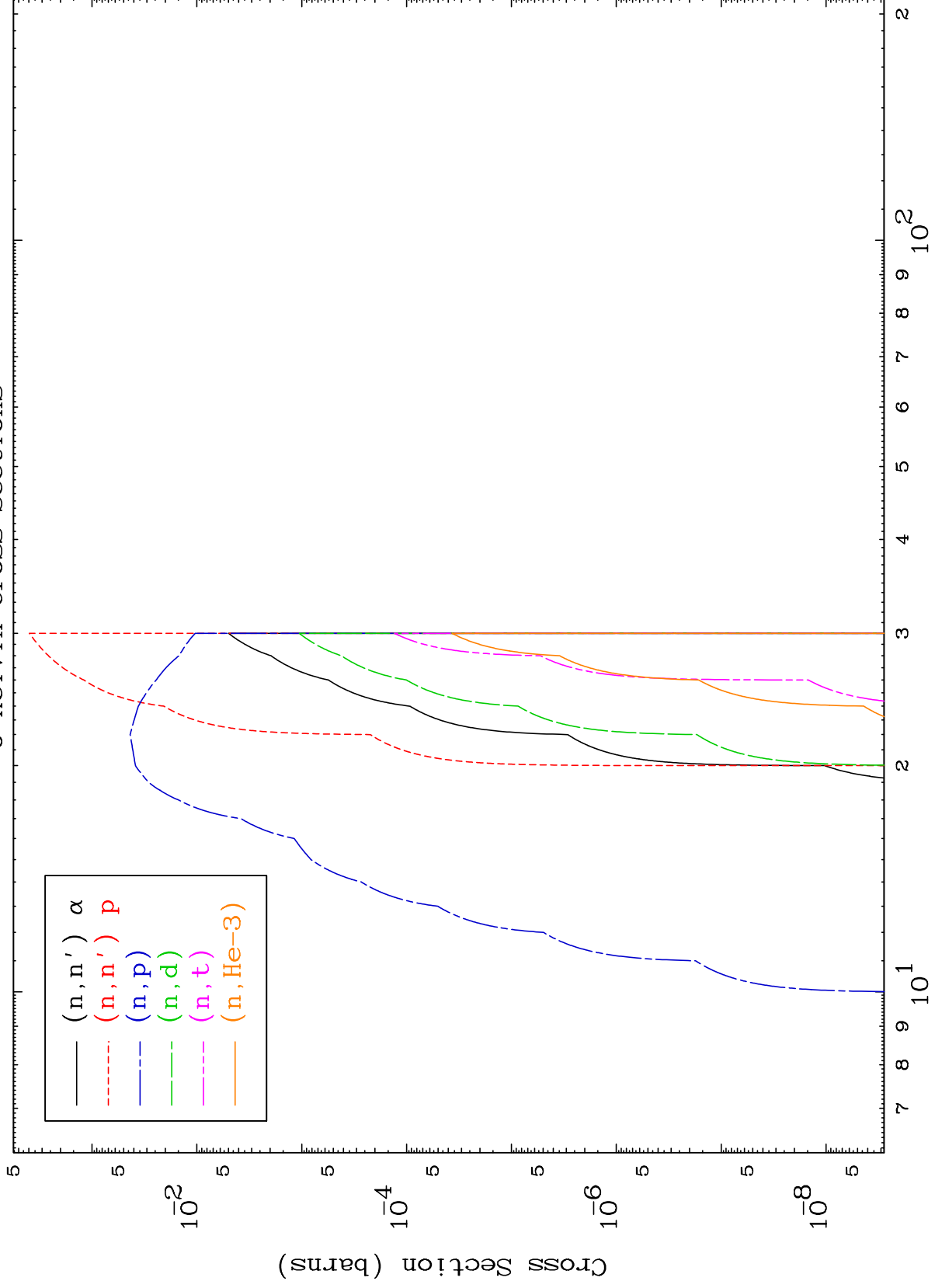
60-Nd-132



MAT 5995

α Charged Particle
0 Kelvin Cross Sections

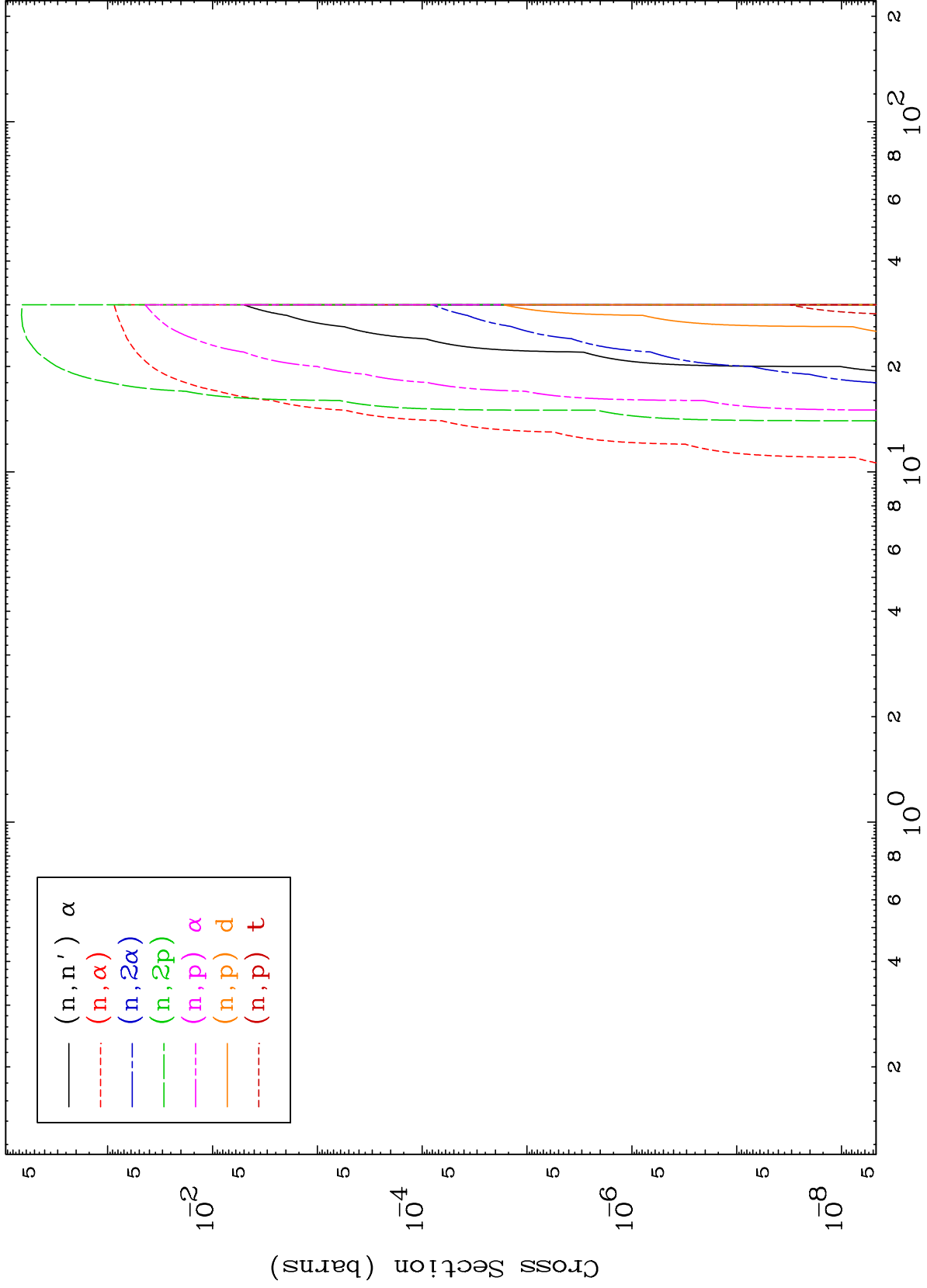
60-Nd-132



4

Incident Energy (MeV)

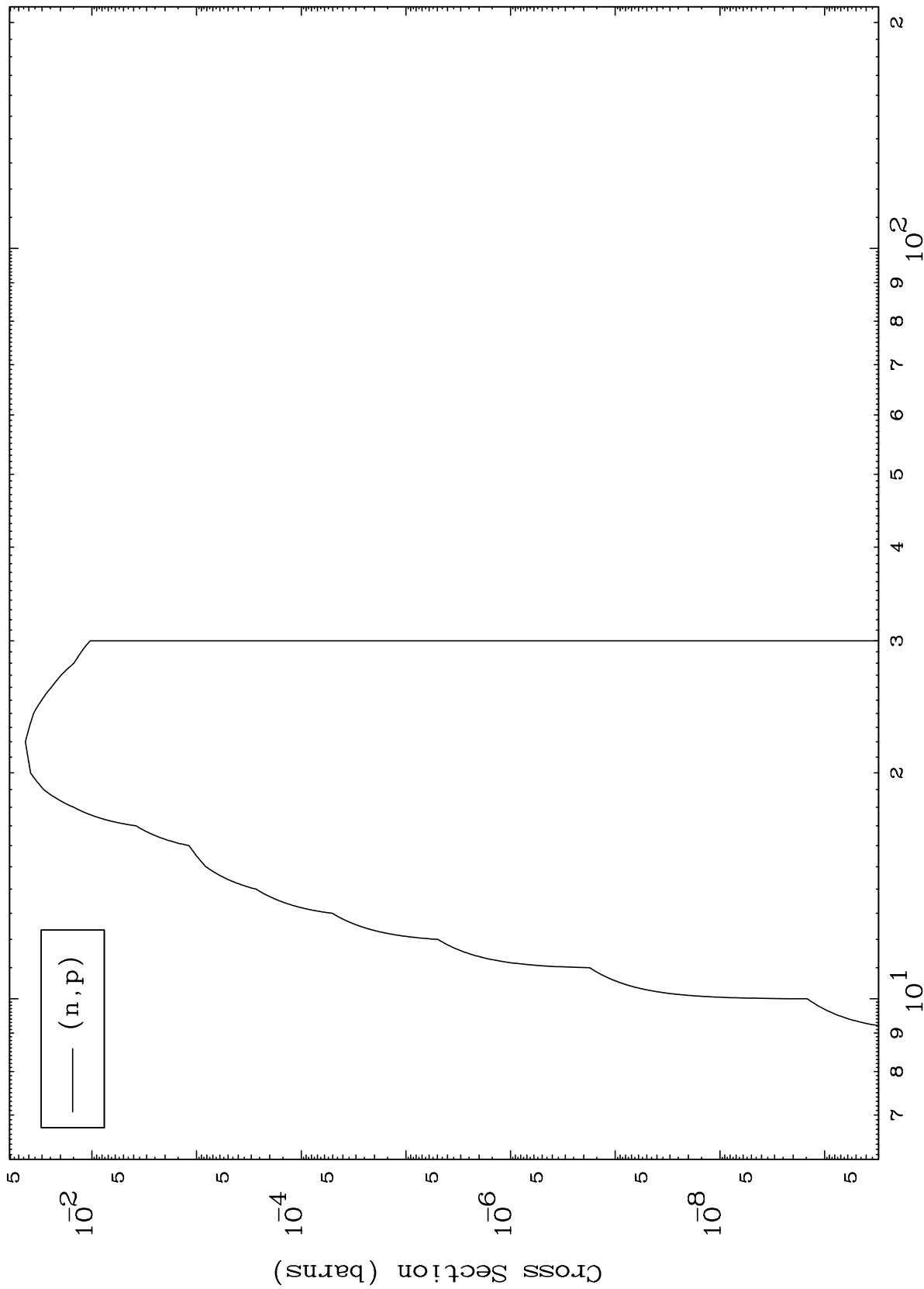
60-Nd-132



MAT 5995

(α, p) Levels
0 Kelvin Cross Sections

60-Nd-132



6

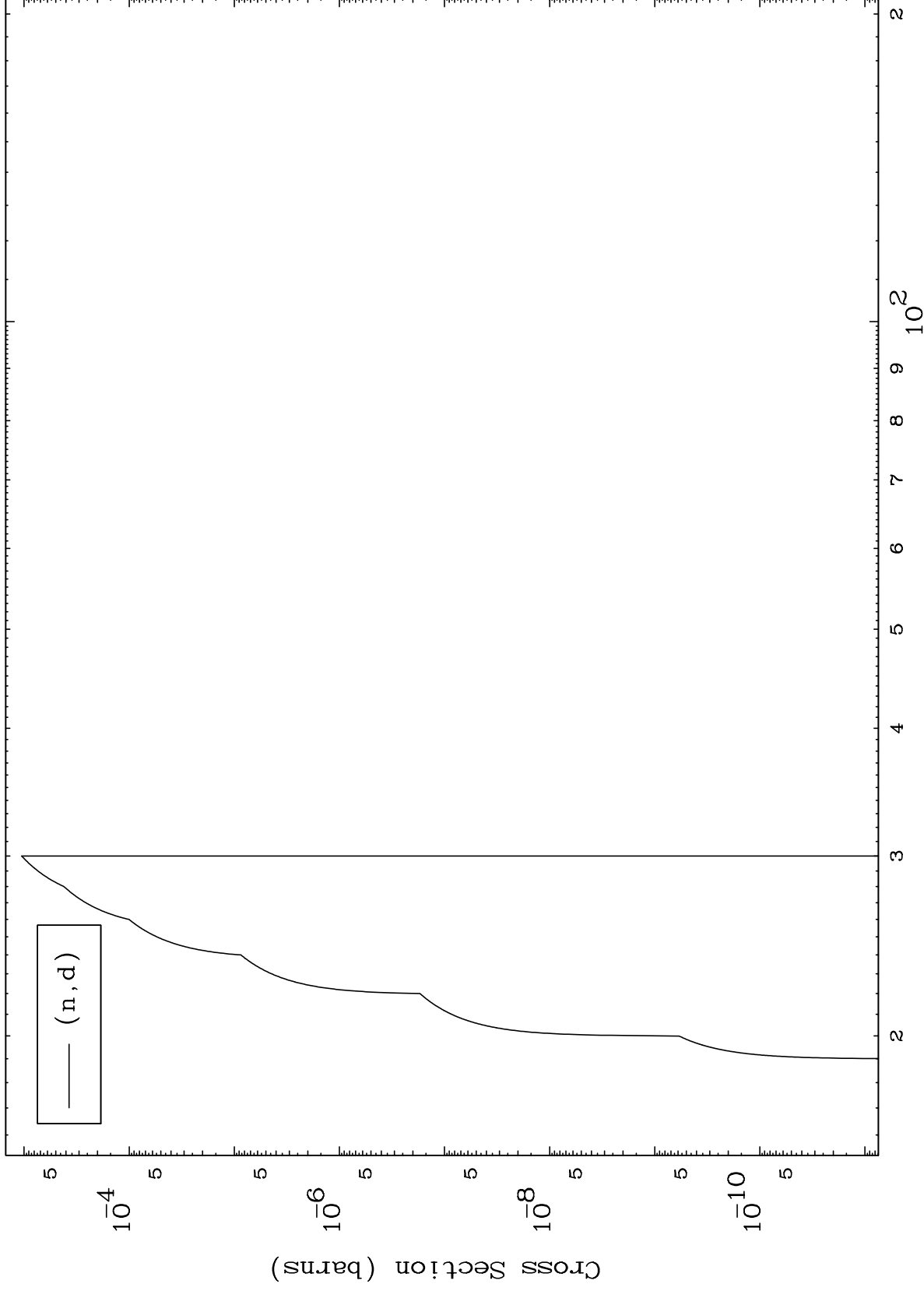
Incident Energy (MeV)

60-Nd-132

MAT 5995

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-132



7

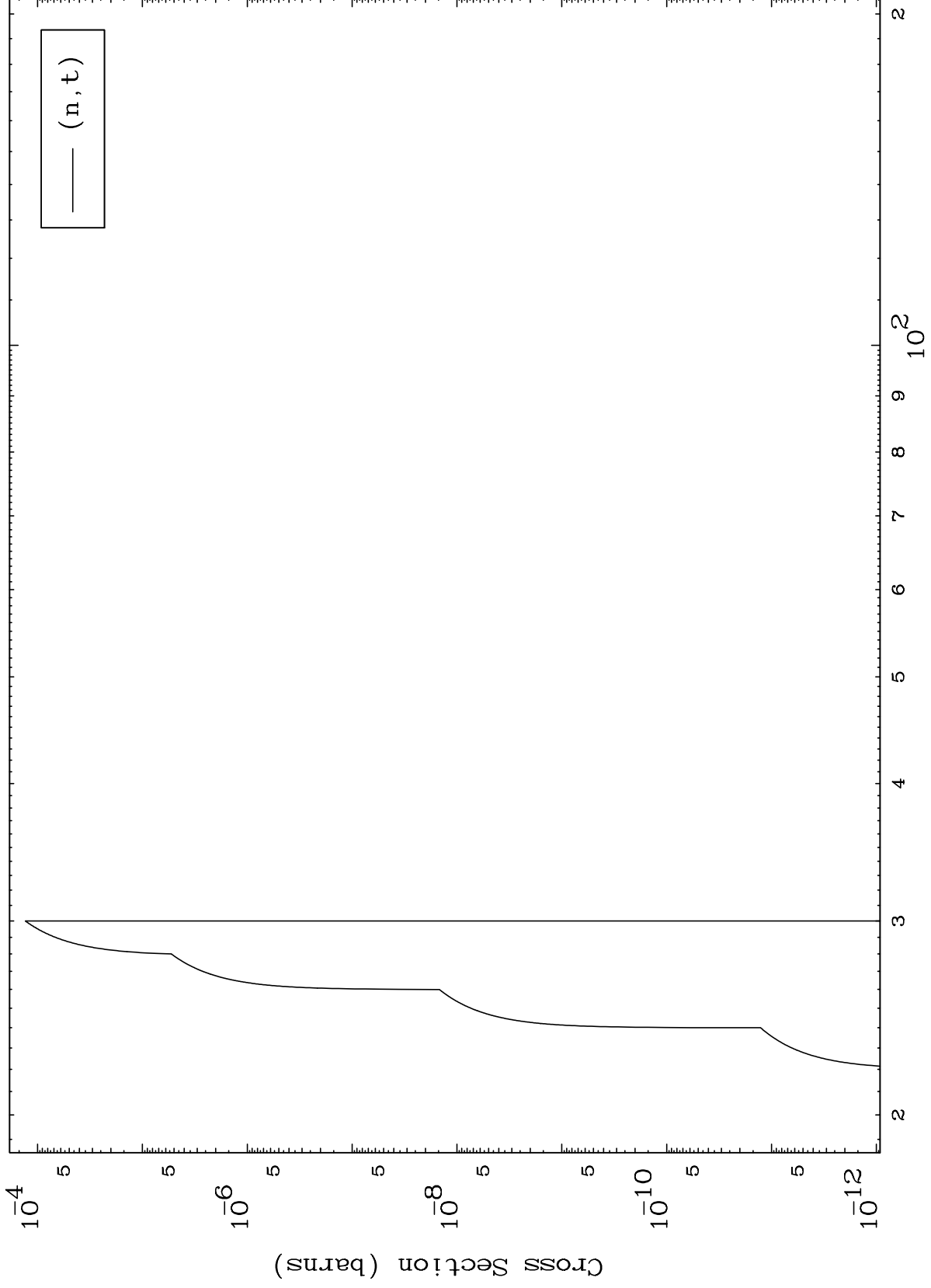
Incident Energy (MeV)

60-Nd-132

MAT 5995

(α, t) Levels
0 Kelvin Cross Sections

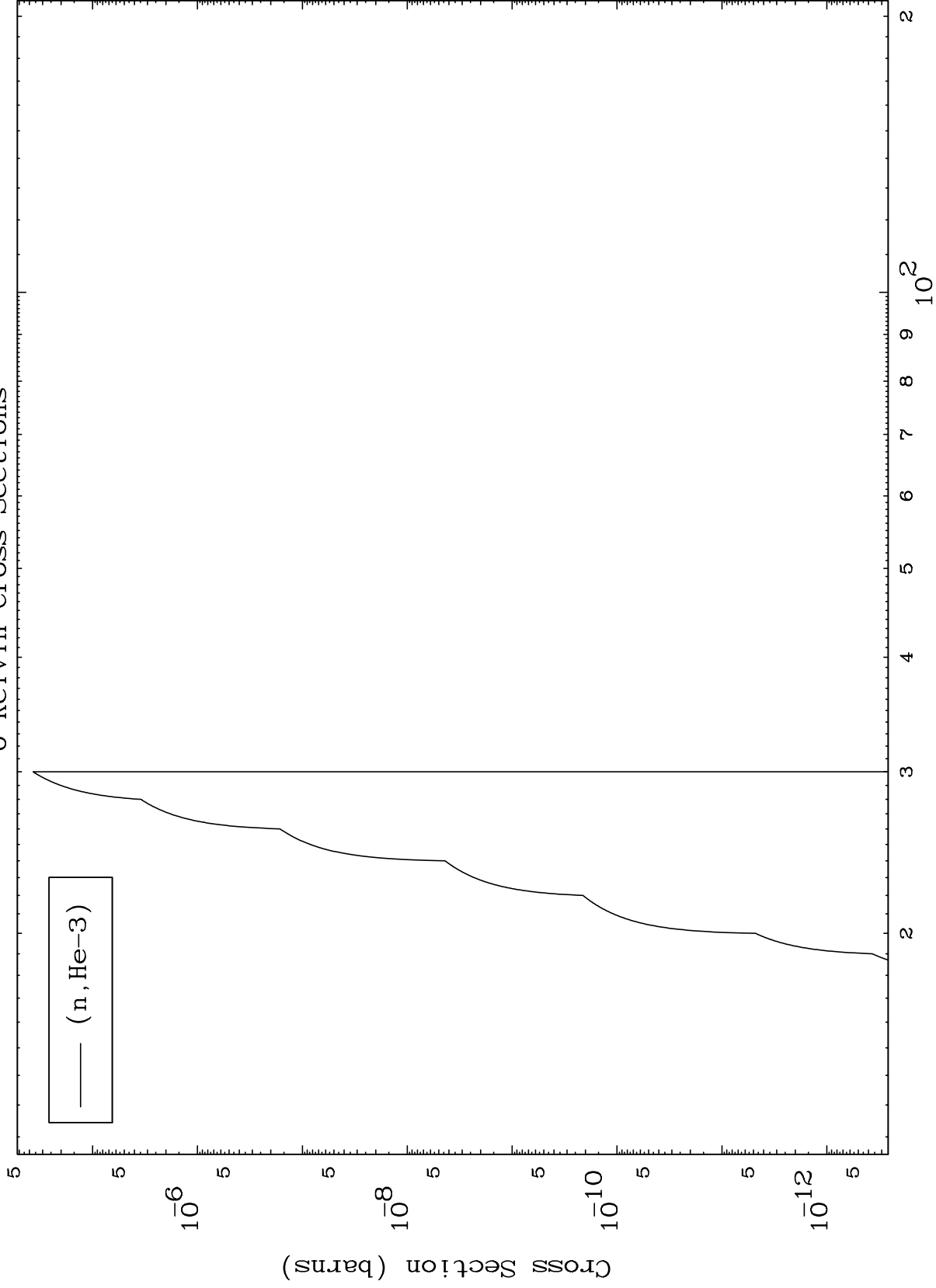
$^{60}\text{Nd}-132$



8

Incident Energy (MeV)

$^{60}\text{Nd}-132$

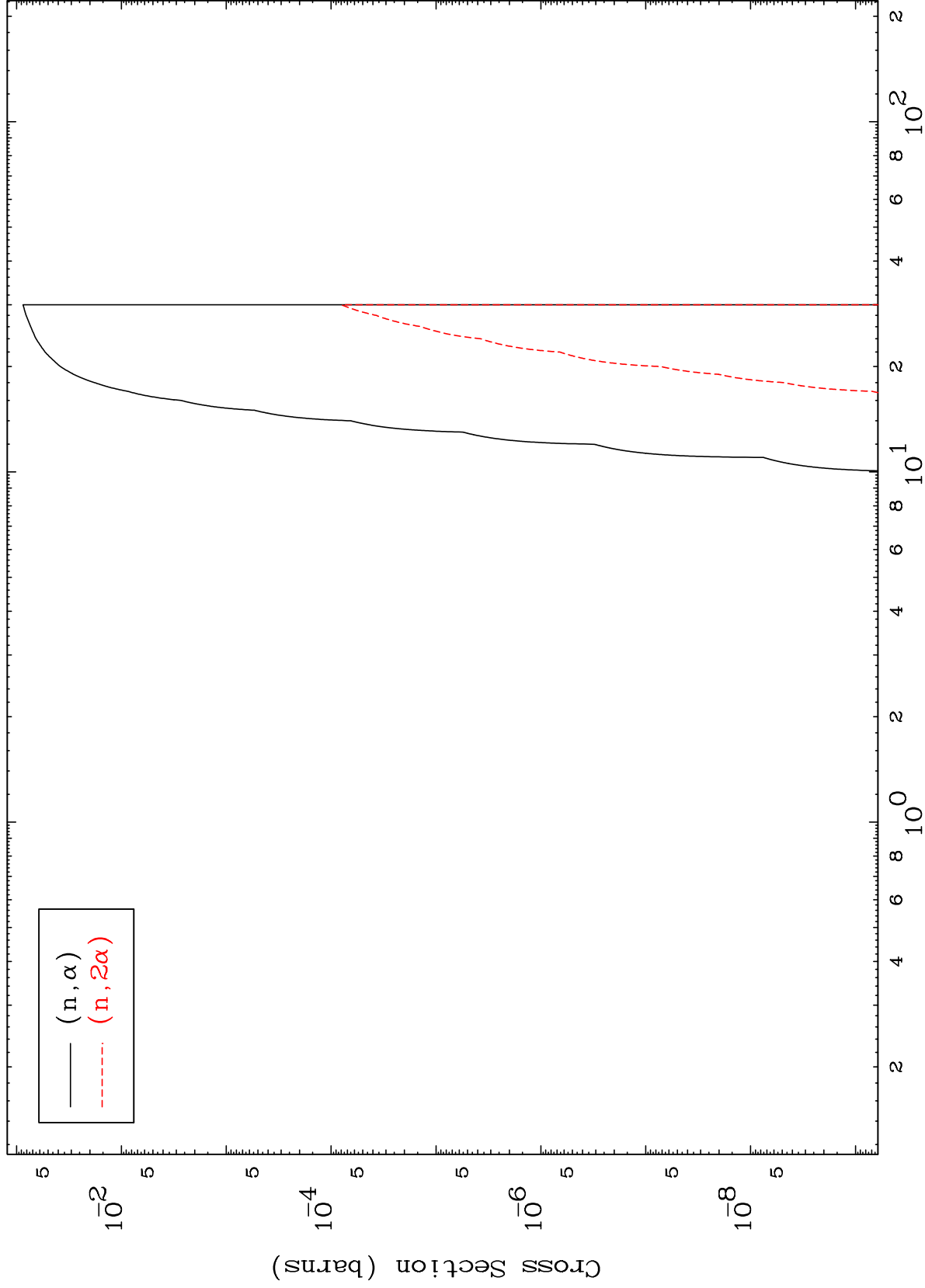


MAT 5995

(α, α) Levels

60-Nd-132

0 Kelvin Cross Sections



10

Incident Energy (MeV)

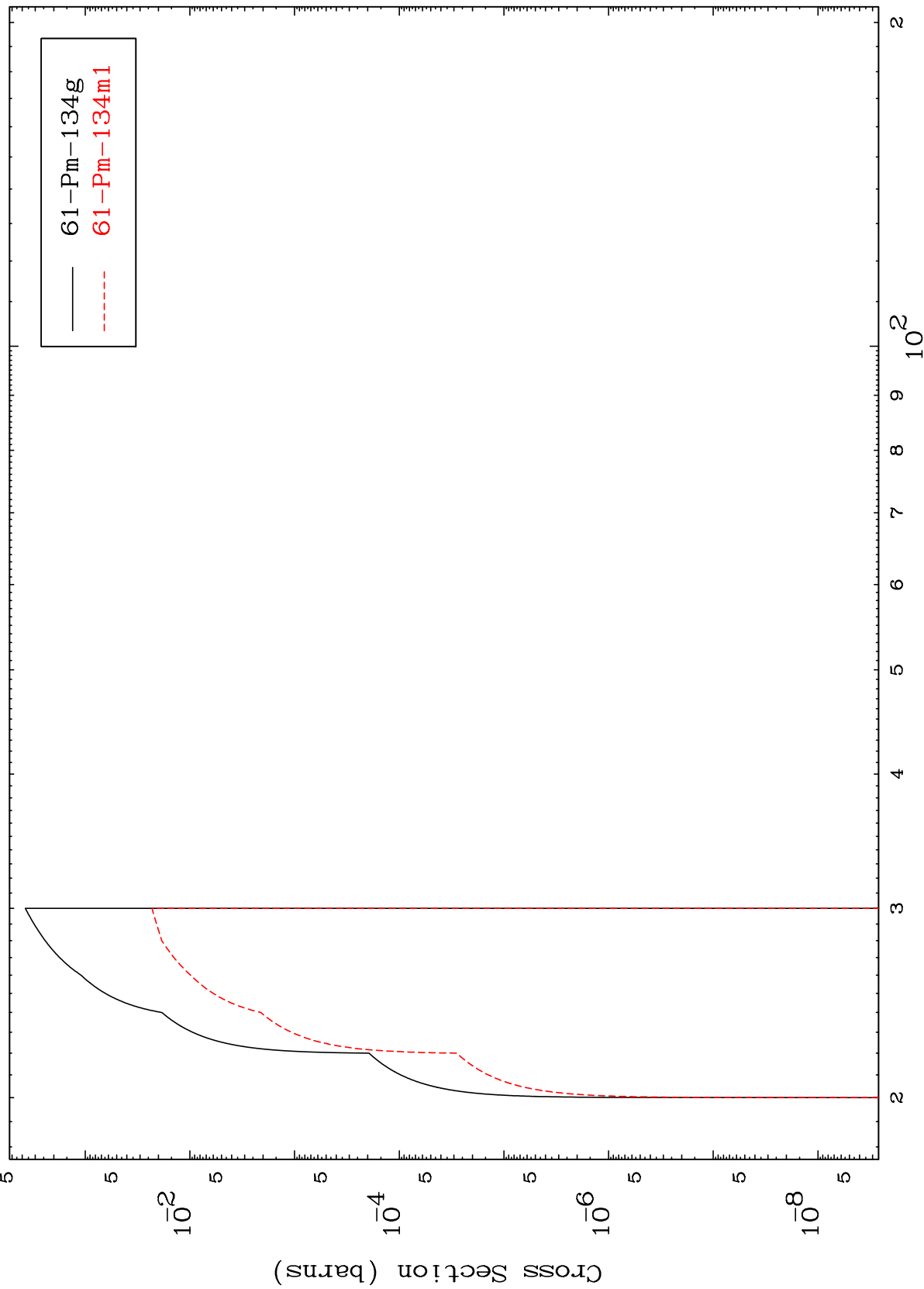
60-Nd-132

MAT 5995

(n,n') p

60-Nd-132

Radionuclide Production Cross Section



11

Incident Energy (MeV)

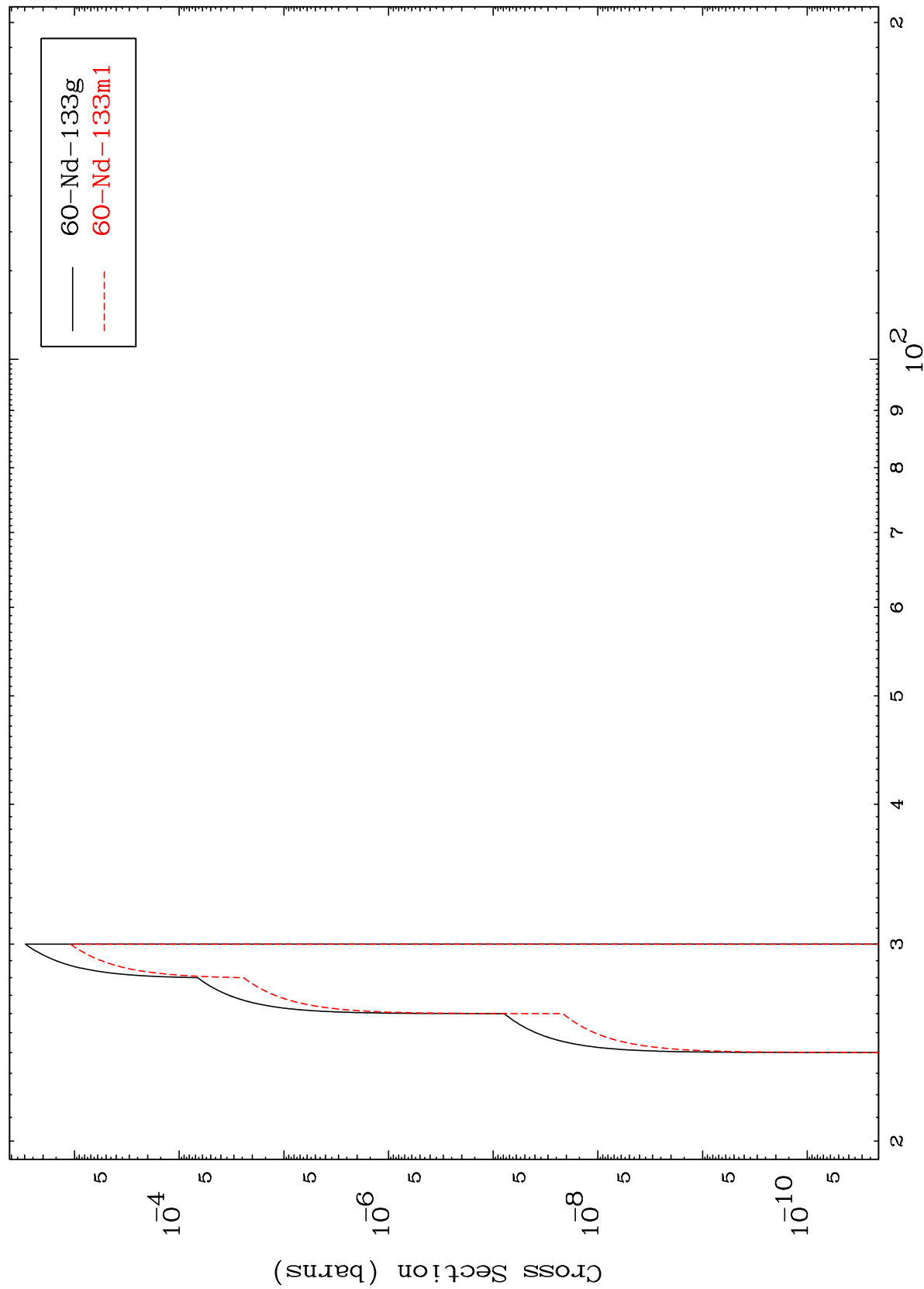
60-Nd-132

MAT 5995

(n,2n) p

60-Nd-132

Radionuclide Production Cross Section



12

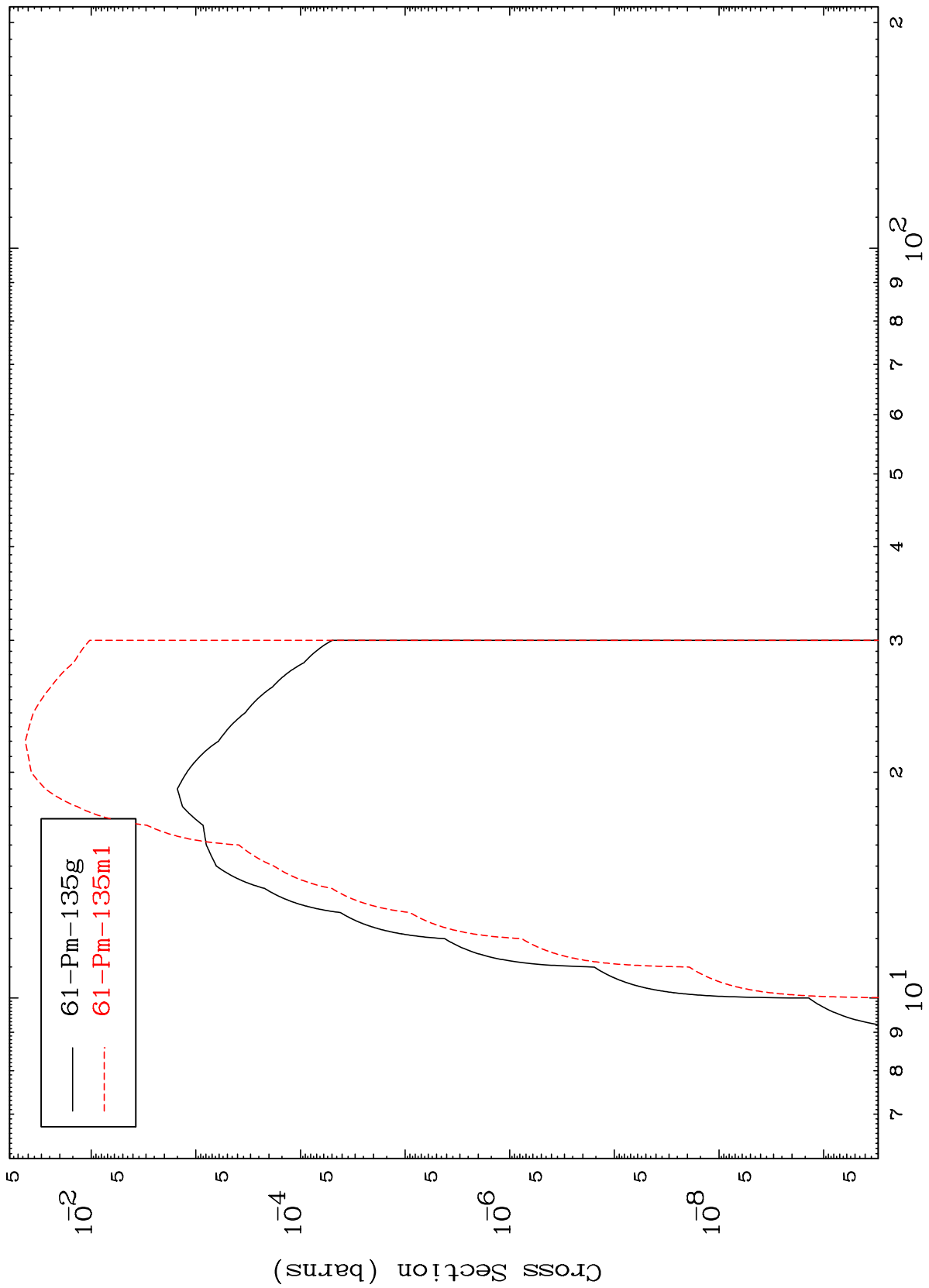
Incident Energy (MeV)

60-Nd-132

MAT 5995

60-Nd-132

(n,p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

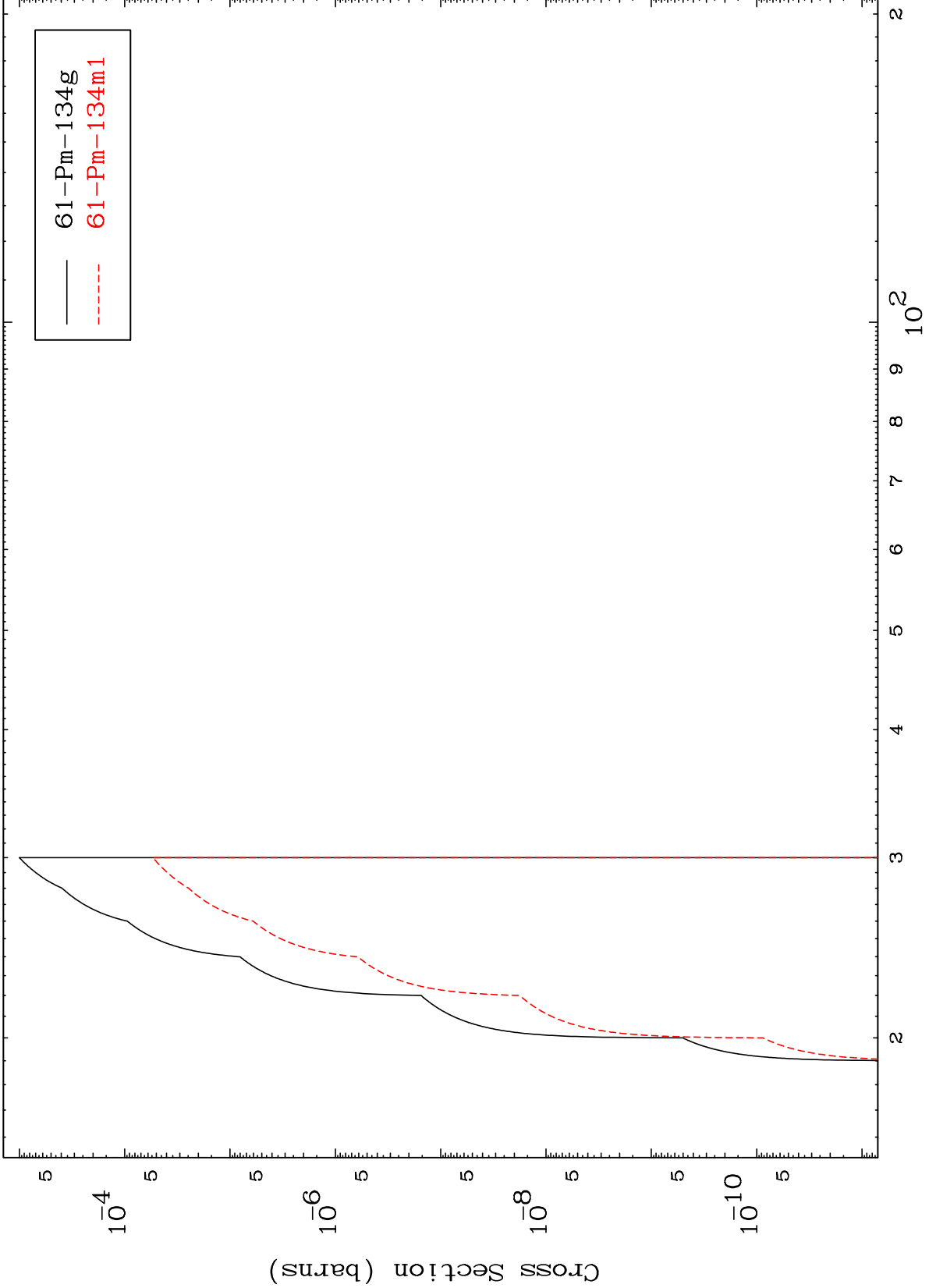
60-Nd-132

MAT 5995

(n,d)

60-Nd-132

Radionuclide Production Cross Section



61-Pm-134g
61-Pm-134m1

14

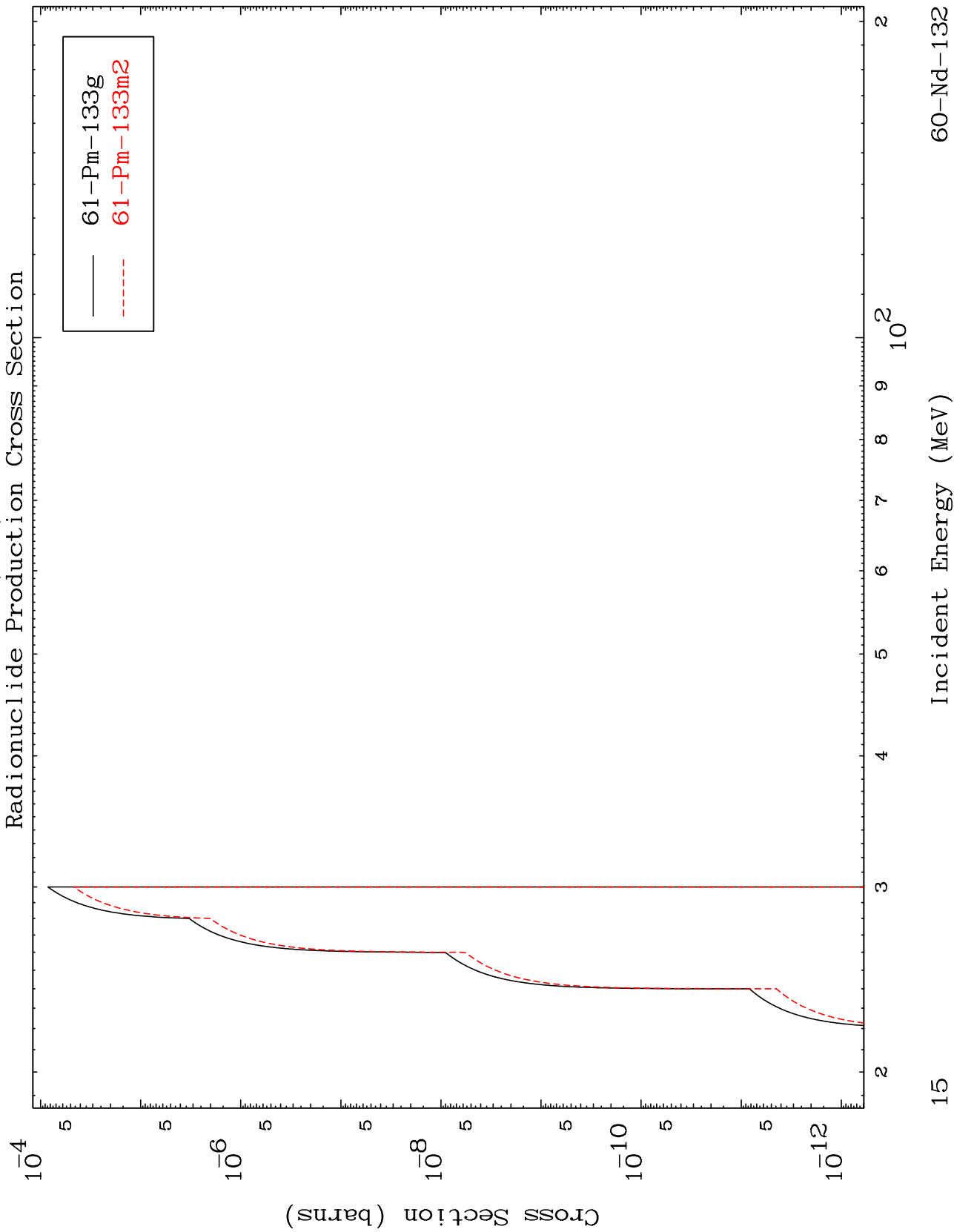
Incident Energy (MeV)

60-Nd-132

MAT 5995

(n, t)

60-Nd-132



15

Incident Energy (MeV)

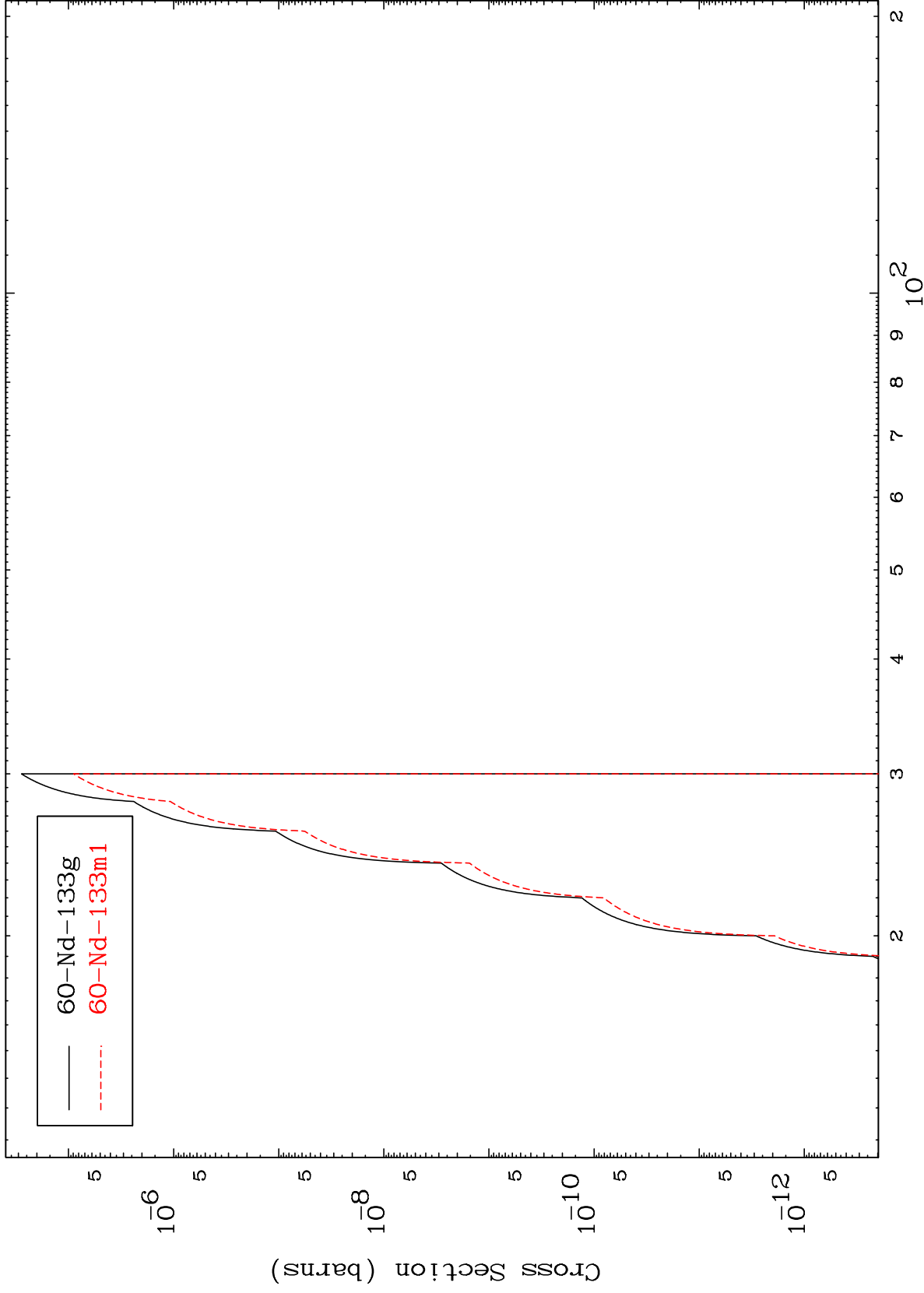
60-Nd-132

MAT 5995

(n,He-3)

60-Nd-132

Radionuclide Production Cross Section

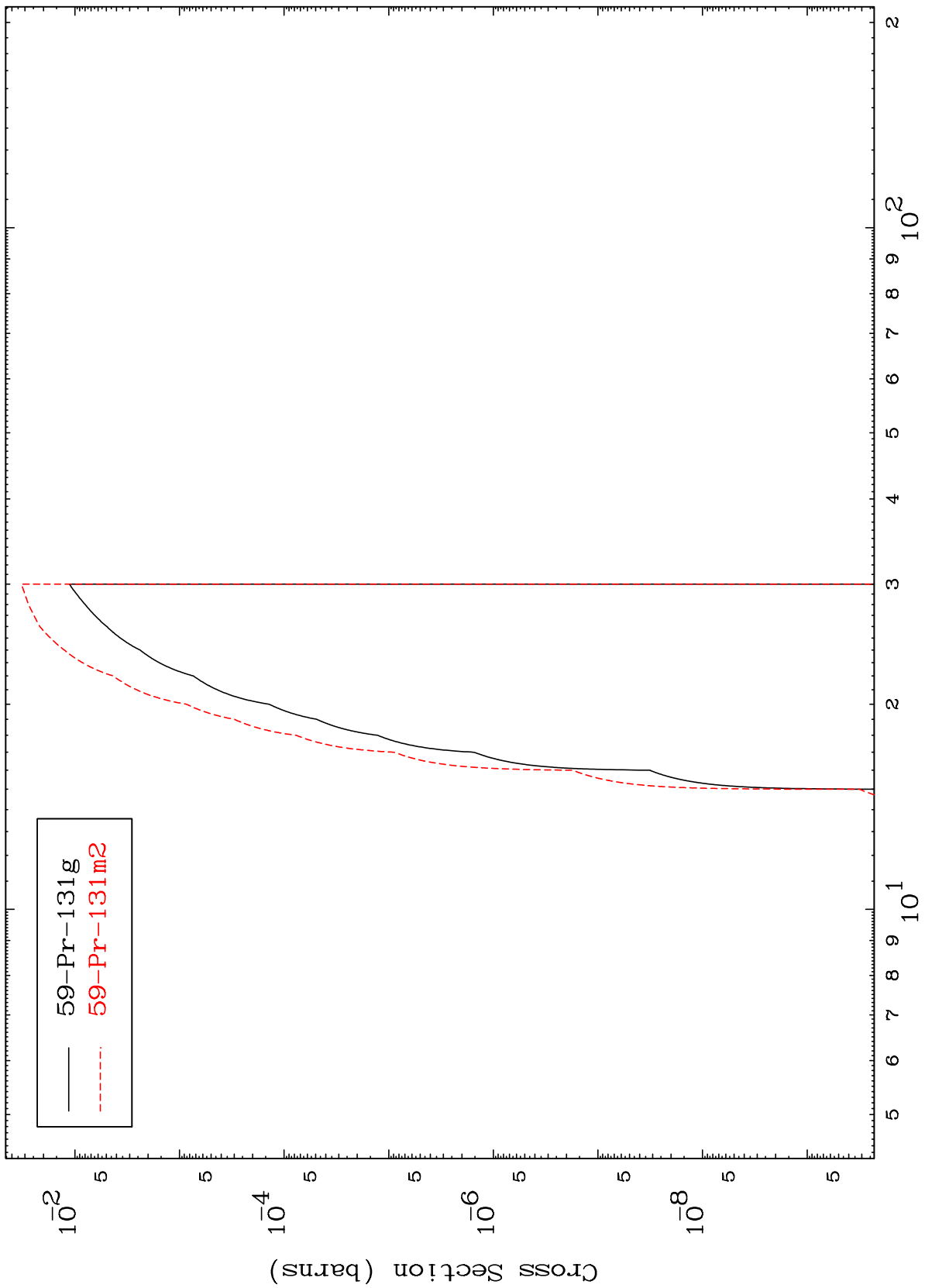


MAT 5995

(n,p) α

60-Nd-132

Radionuclide Production Cross Section



17

Incident Energy (MeV)

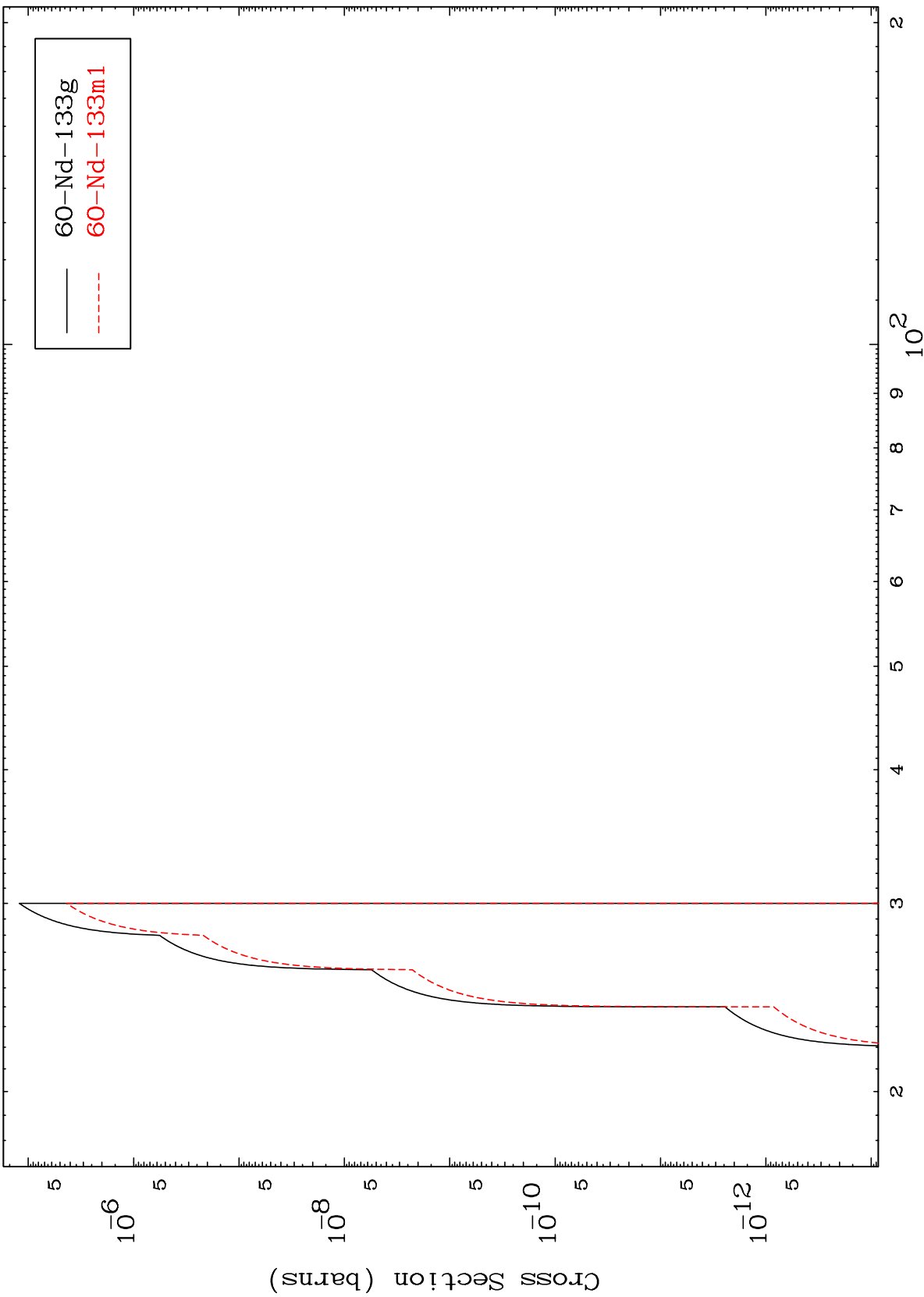
60-Nd-132

MAT 5995

(n,p) d

⁶⁰Nd-132

Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁶⁰Nd-132