

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

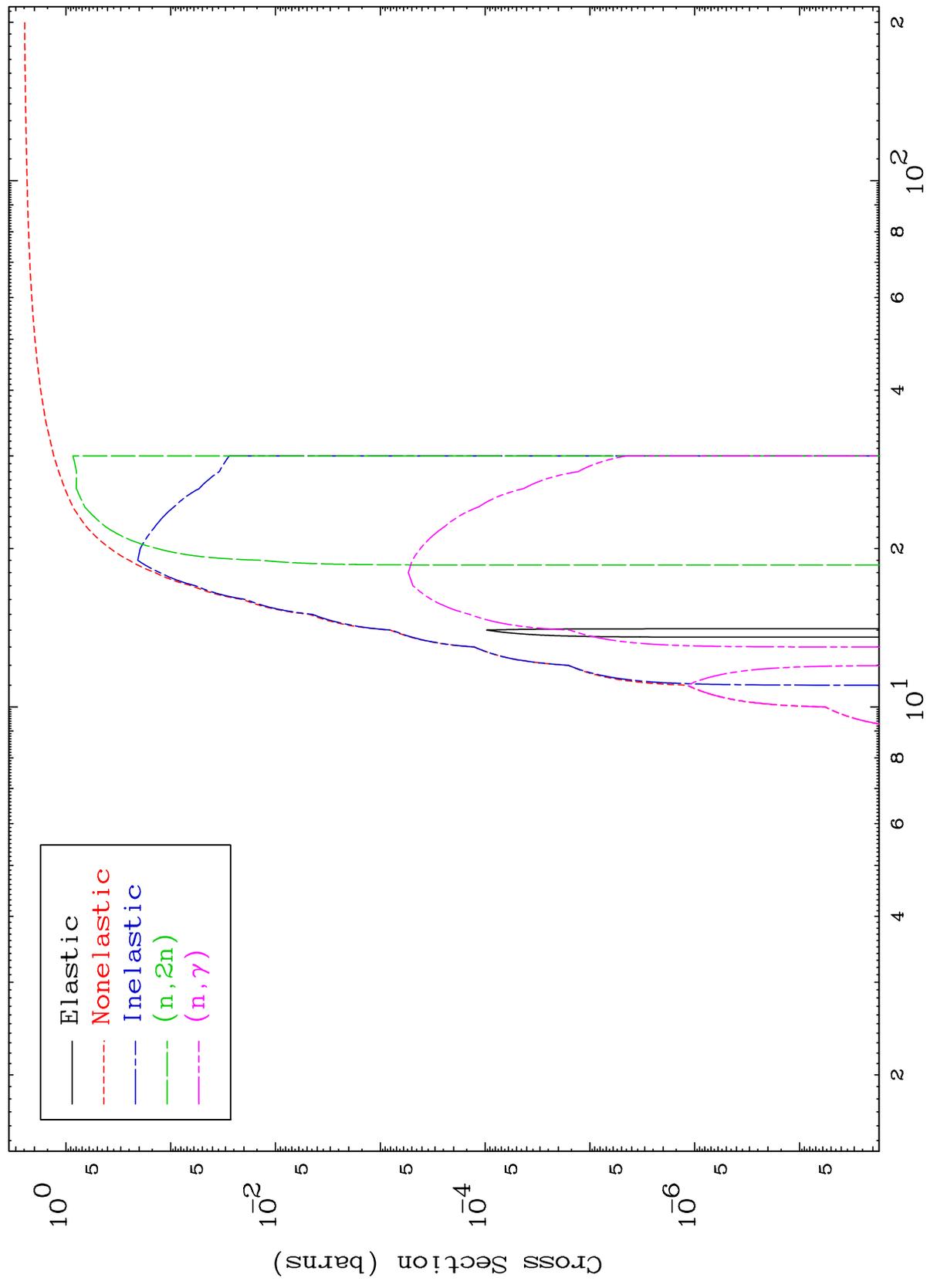
Press Mouse Button to Start

MAT 6513

0 Kelvin

Major Cross Sections

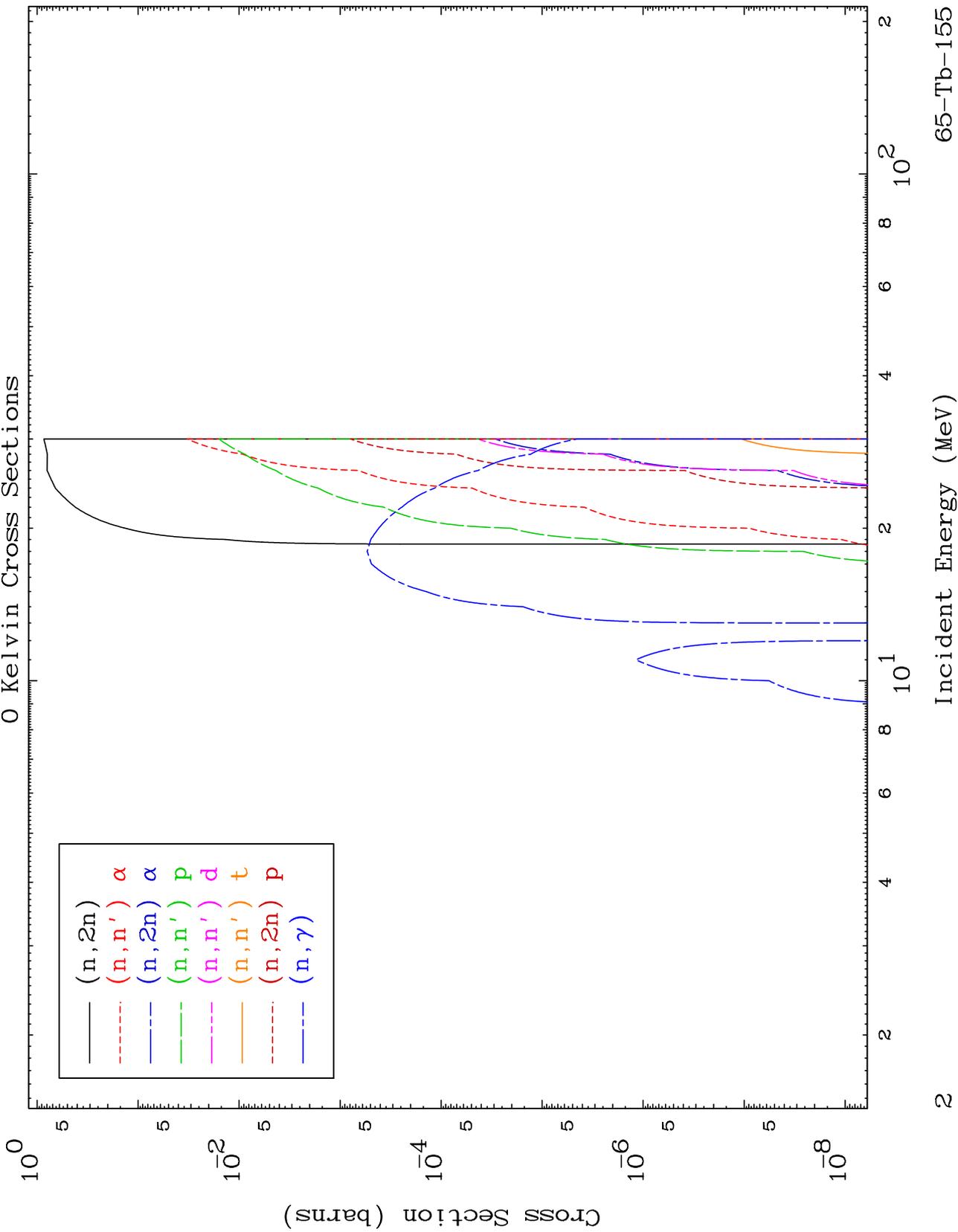
65-Tb-155



MAT 6513

α Neutron Absorption
0 Kelvin Cross Sections

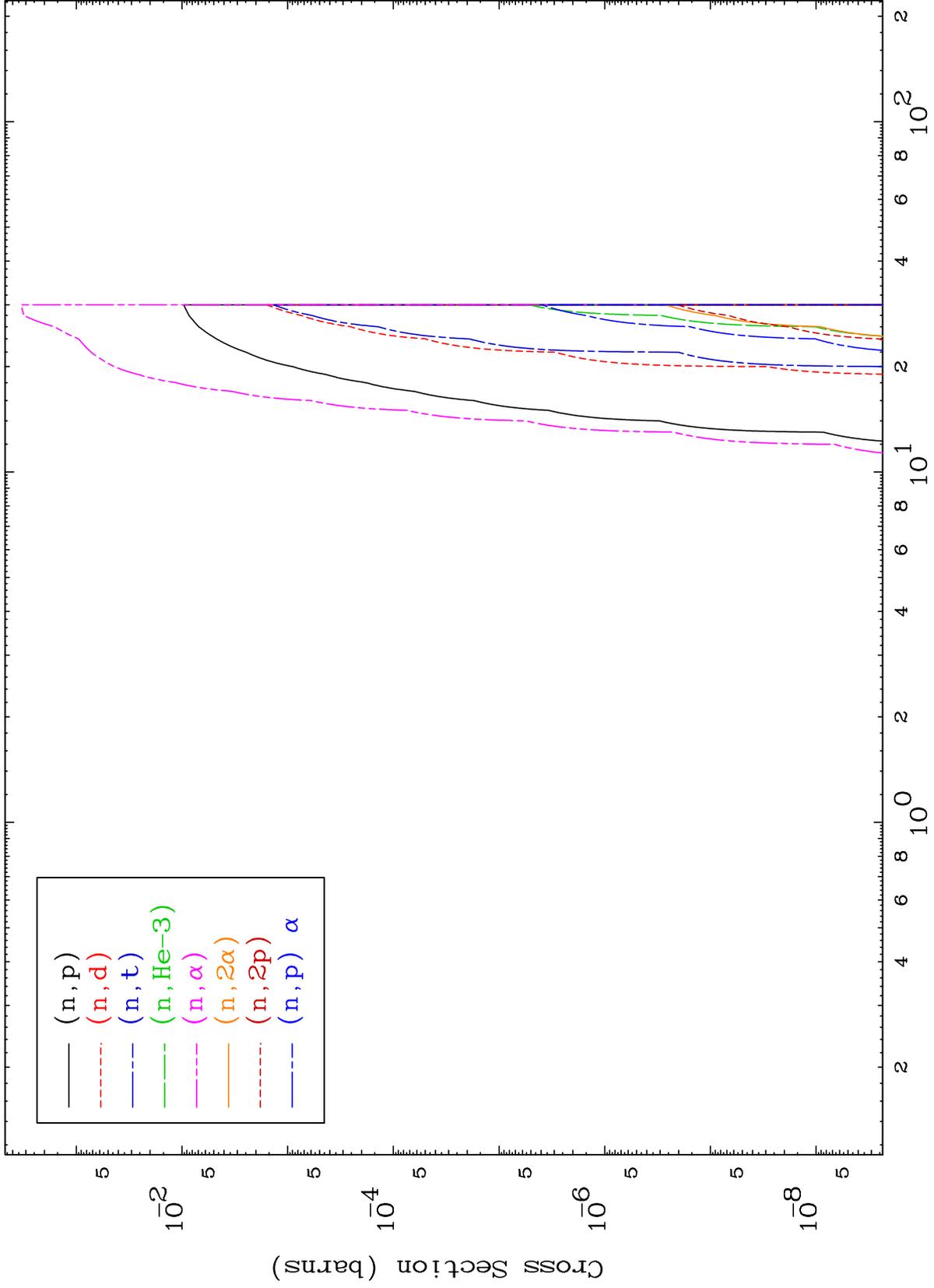
65-Tb-155



MAT 6513

α Neutron Absorption
0 Kelvin Cross Sections

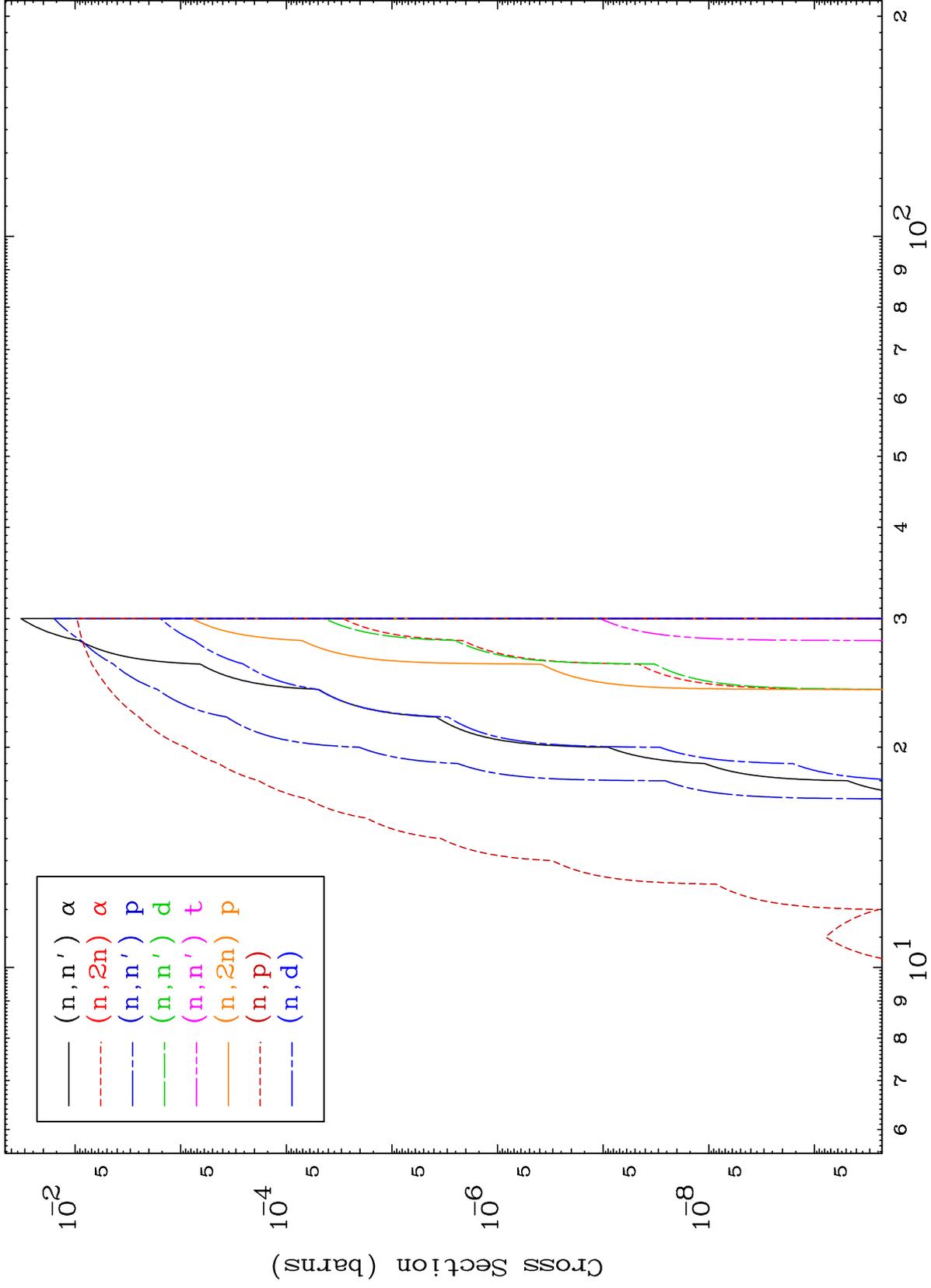
65-Tb-155



MAT 6513

α Charged Particle
0 Kelvin Cross Sections

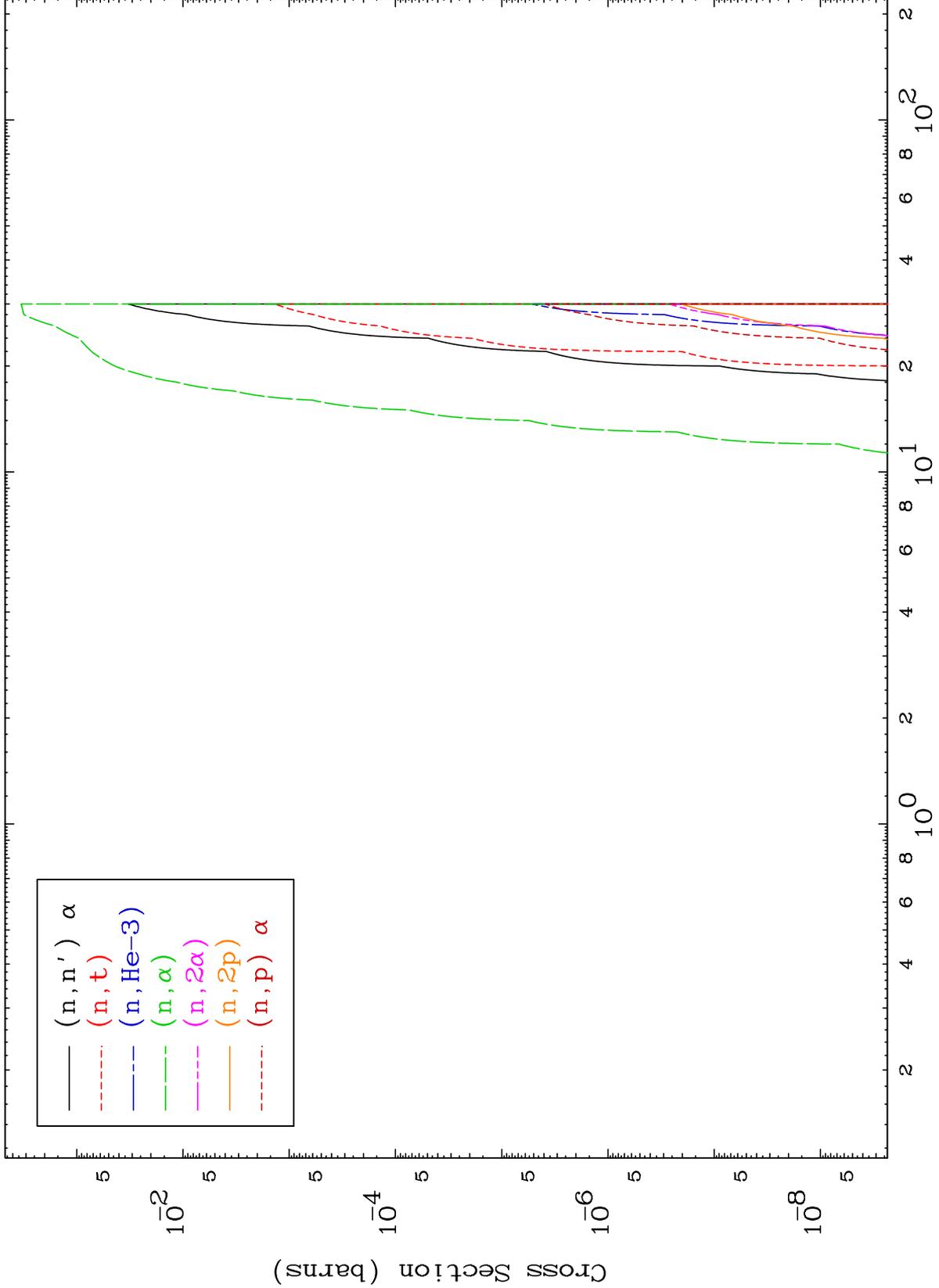
65-Tb-155



4

Incident Energy (MeV)

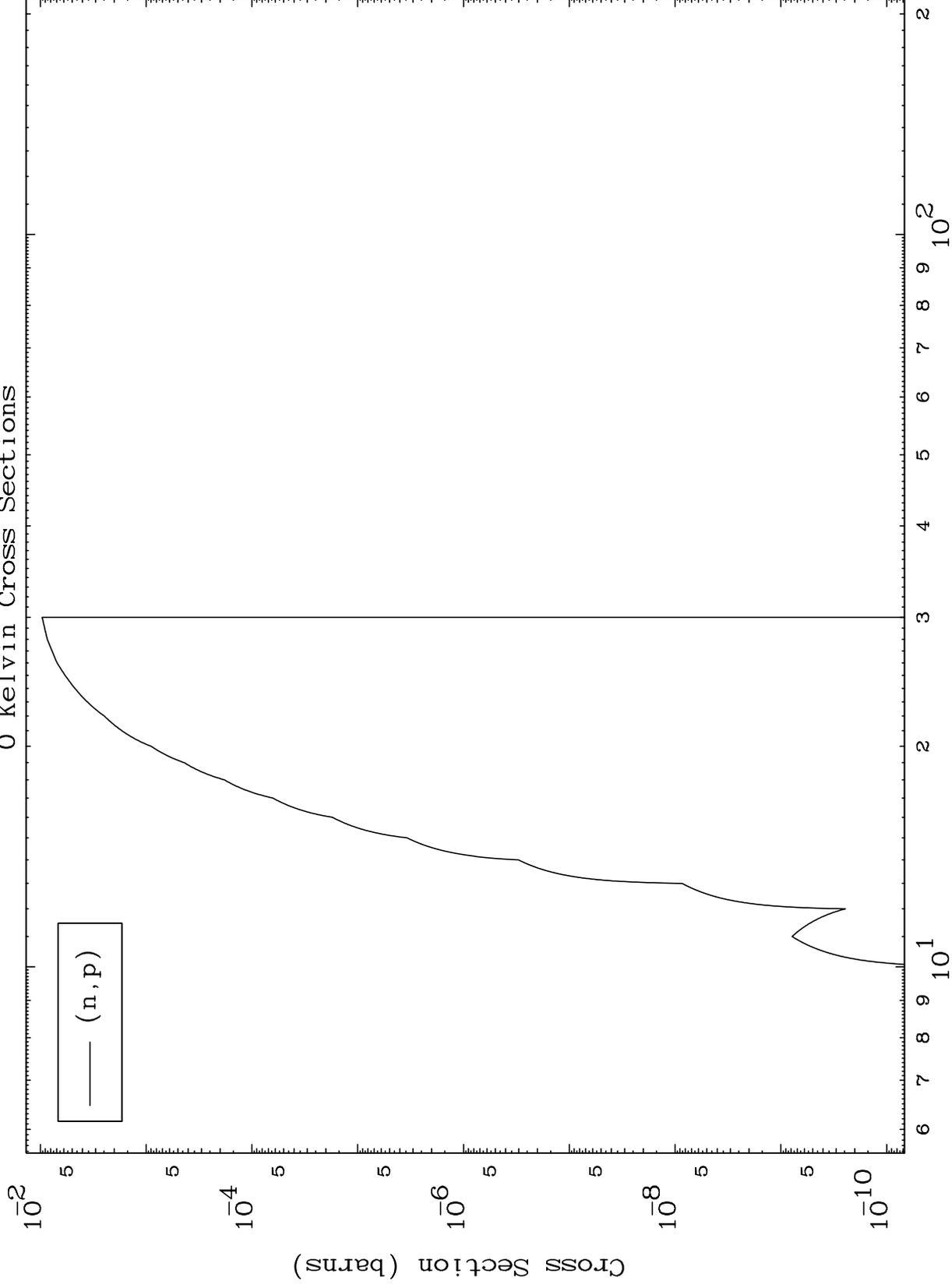
65-Tb-155



MAT 6513

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-155



6

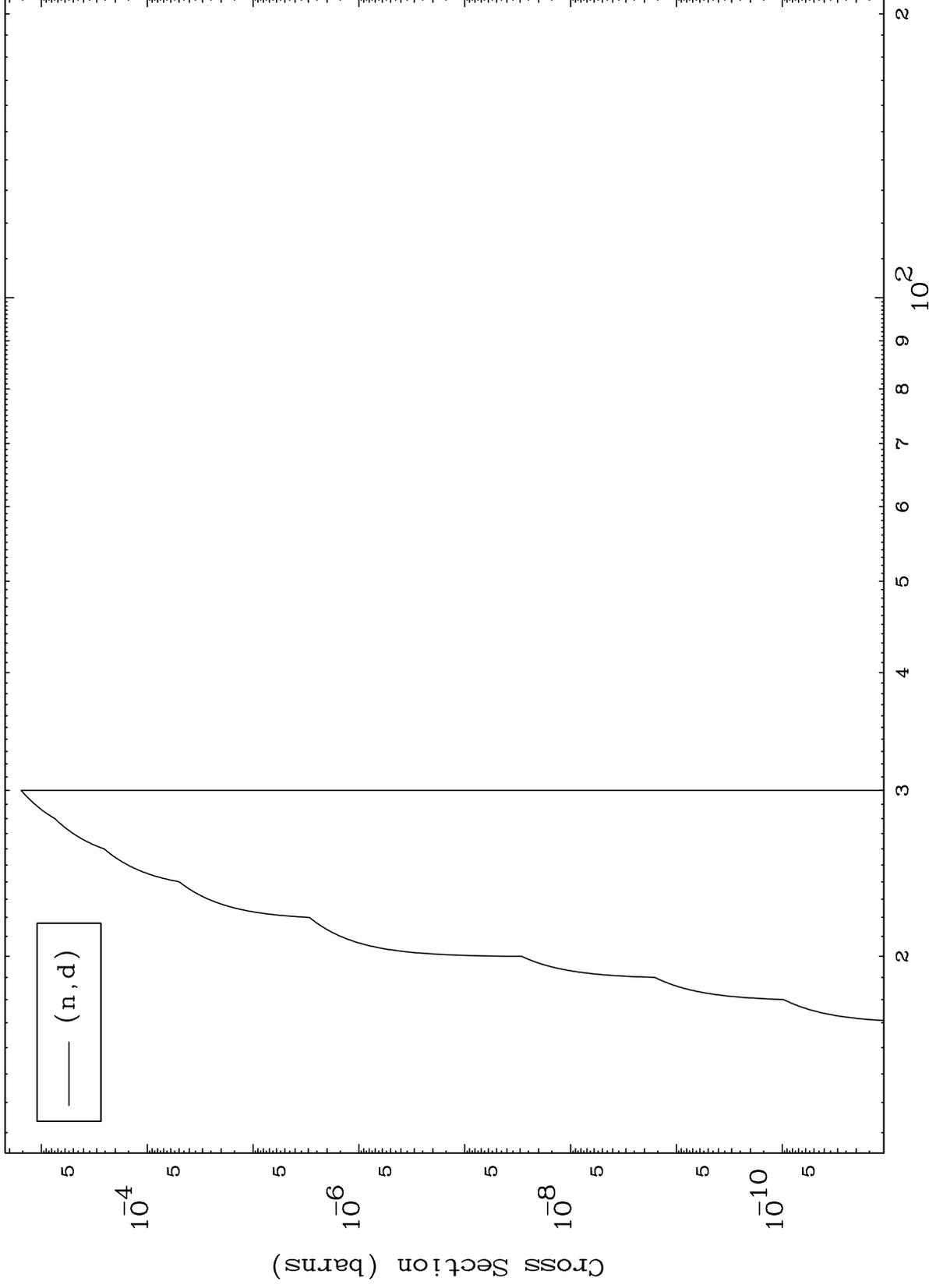
Incident Energy (MeV)

65-Tb-155

MAT 6513

(α, d) Levels
0 Kelvin Cross Sections

65-Tb-155



7

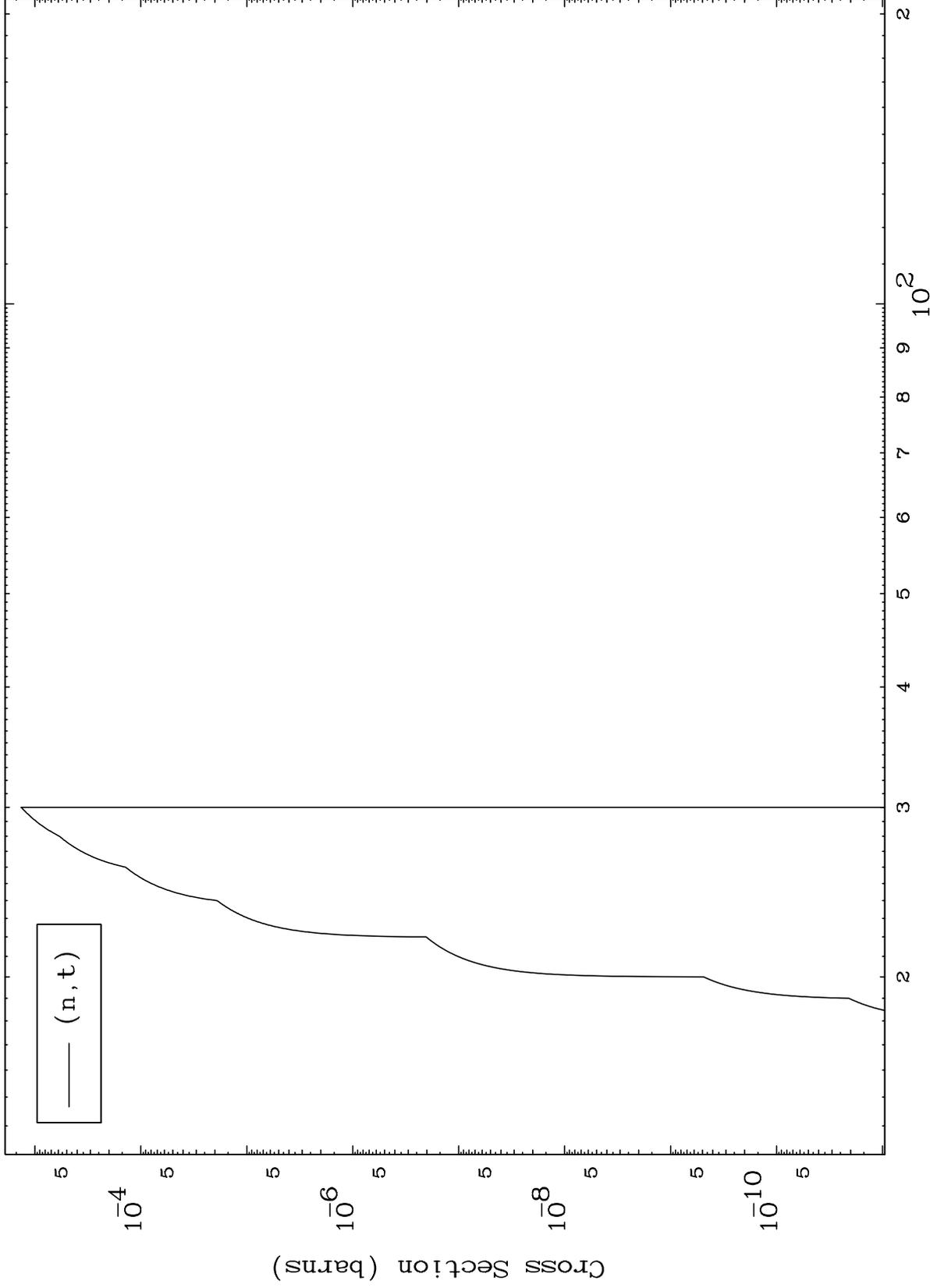
Incident Energy (MeV)

65-Tb-155

MAT 6513

(α, t) Levels
0 Kelvin Cross Sections

65-Tb-155



8

Incident Energy (MeV)

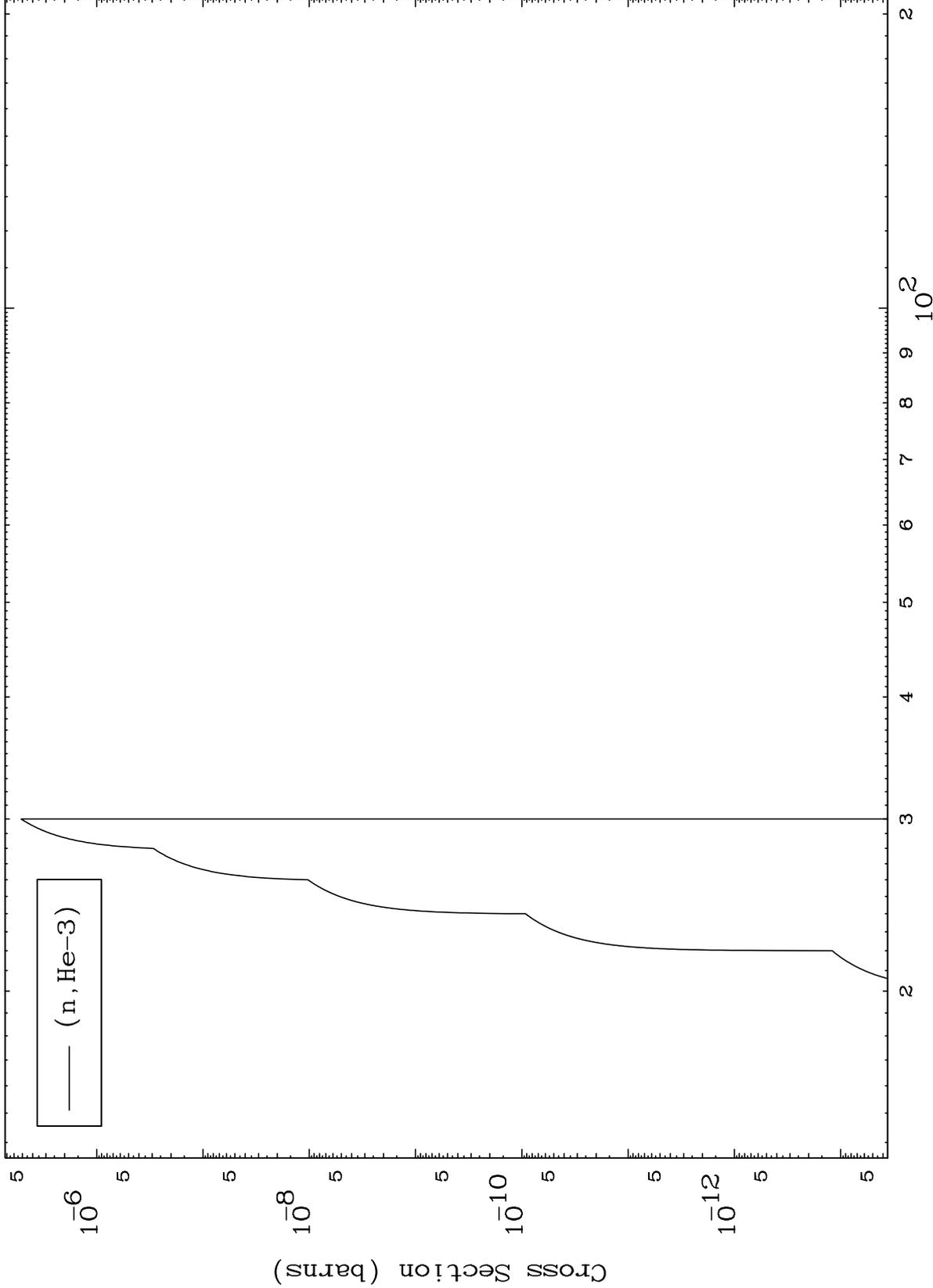
65-Tb-155

MAT 6513

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

65-Tb-155

0 Kelvin Cross Sections



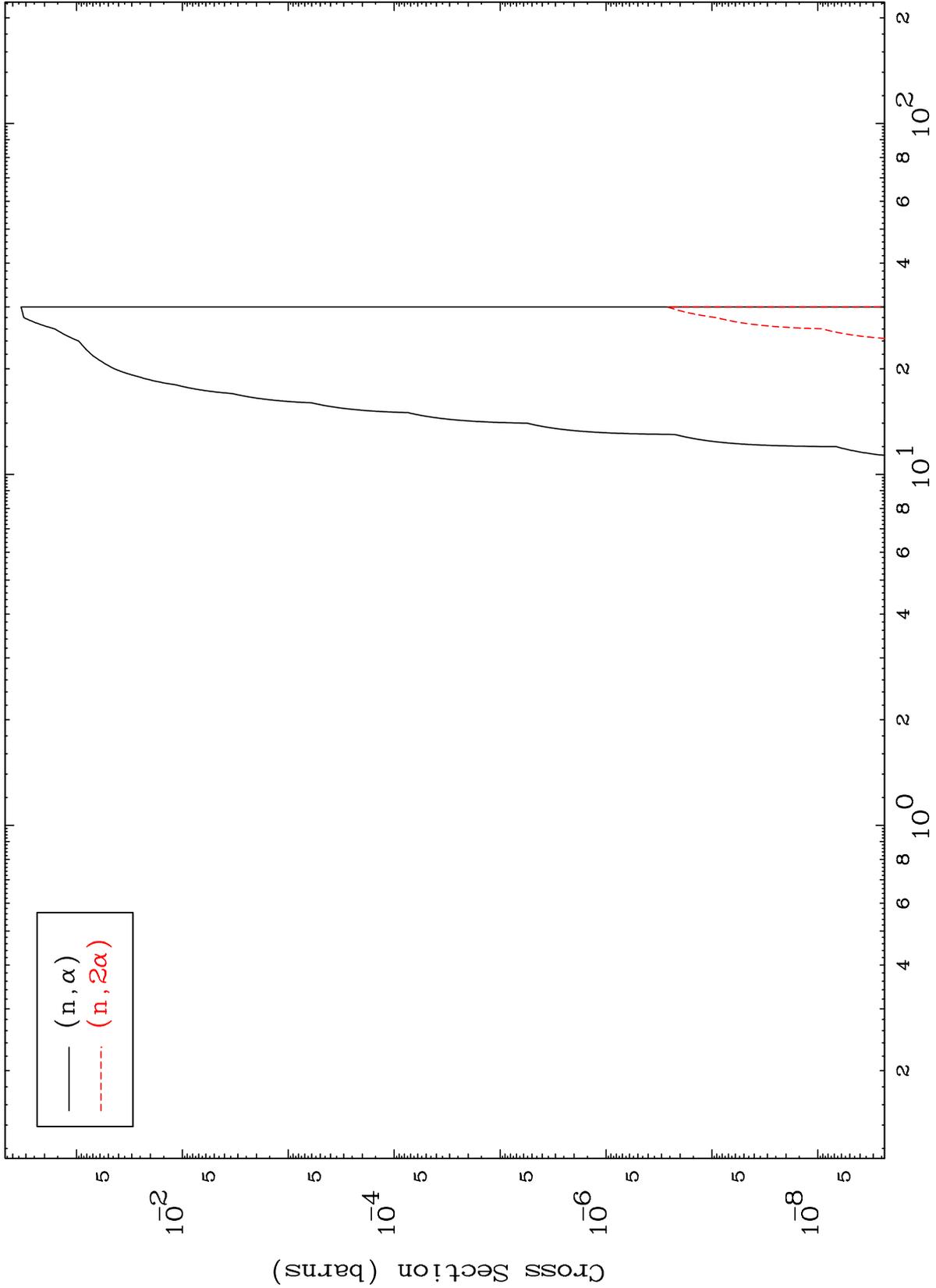
(n, He-3)

MAT 6513

(α, α) Levels

65-Tb-155

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

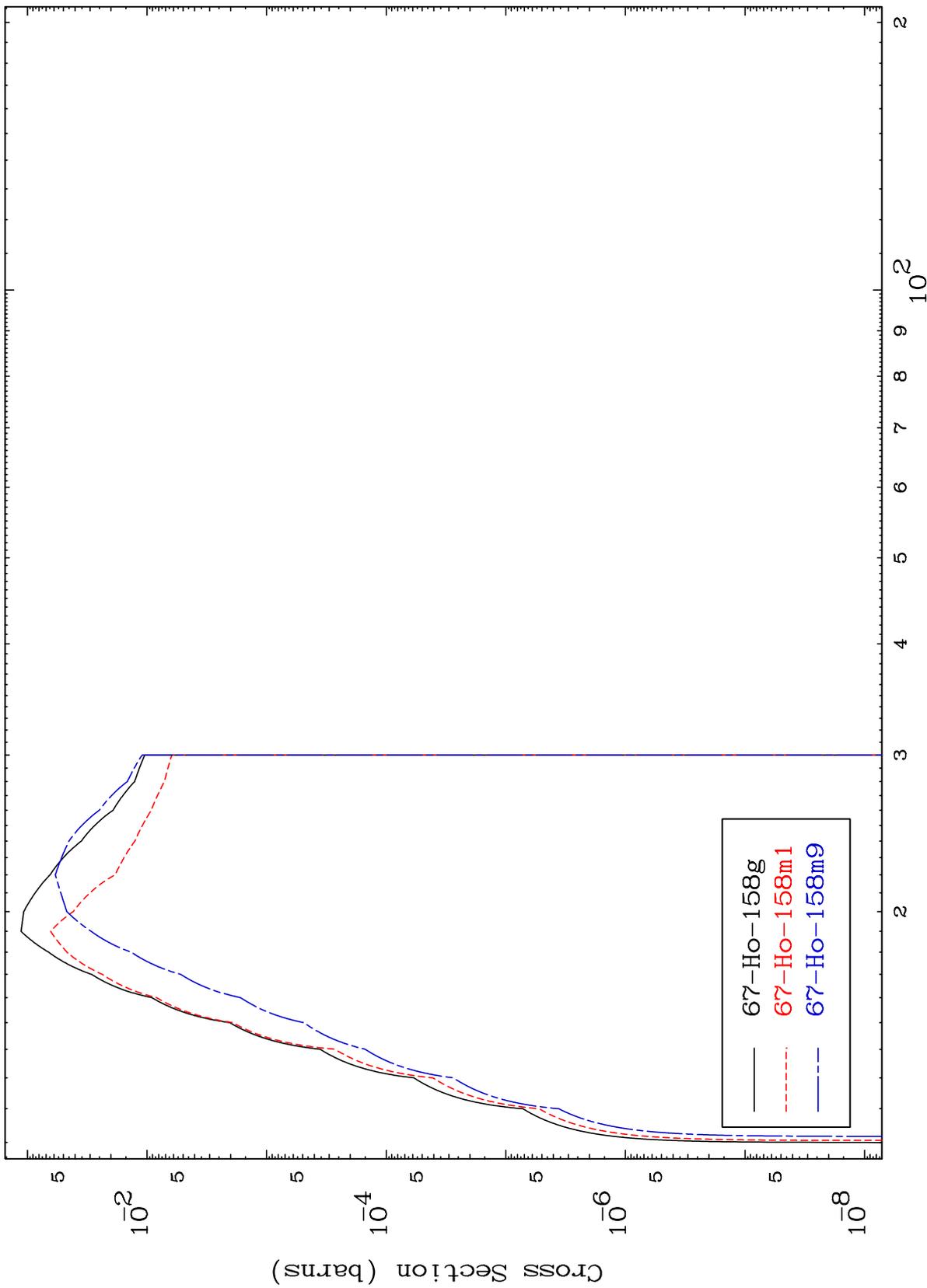
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

Inelastic
Radionuclide Production Cross Section



65-Tb-155

Incident Energy (MeV)

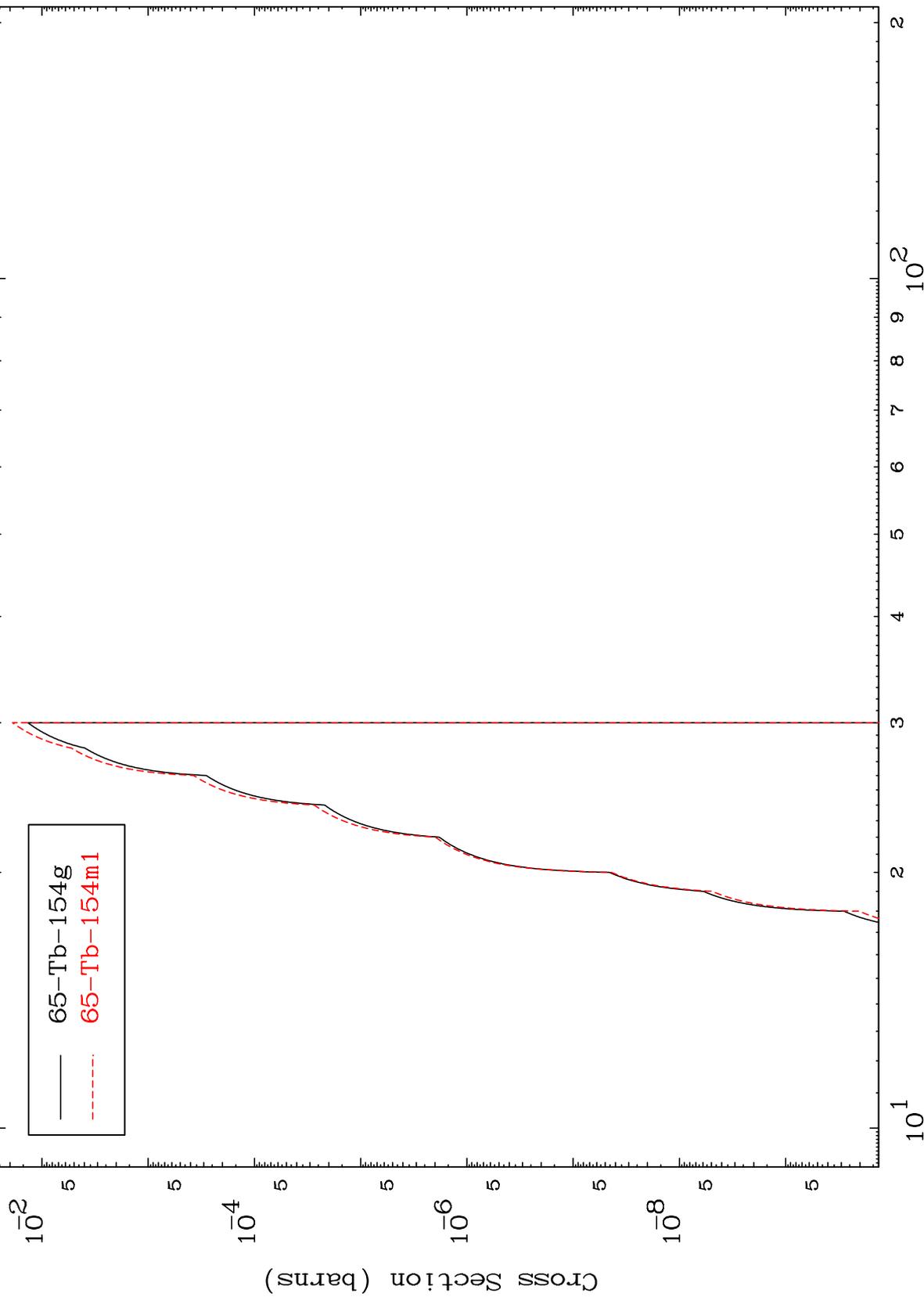
11

MAT 6513

$(n, n') \alpha$

65-Tb-155

Radionuclide Production Cross Section



65-Tb-154g
65-Tb-154m1

12

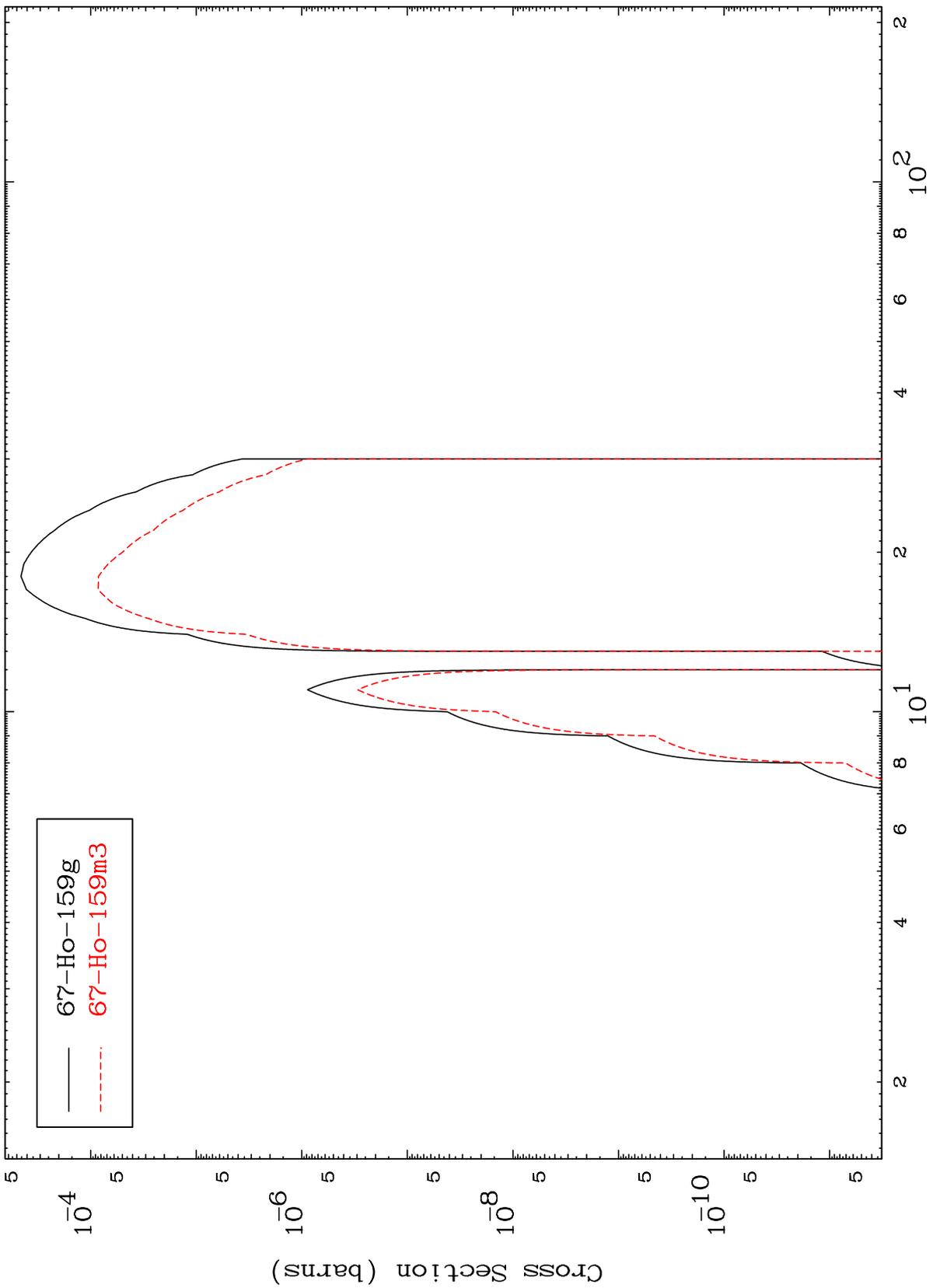
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

(n,γ)
Radionuclide Production Cross Section



— 67-Ho-159g
- - - 67-Ho-159m3

65-Tb-155

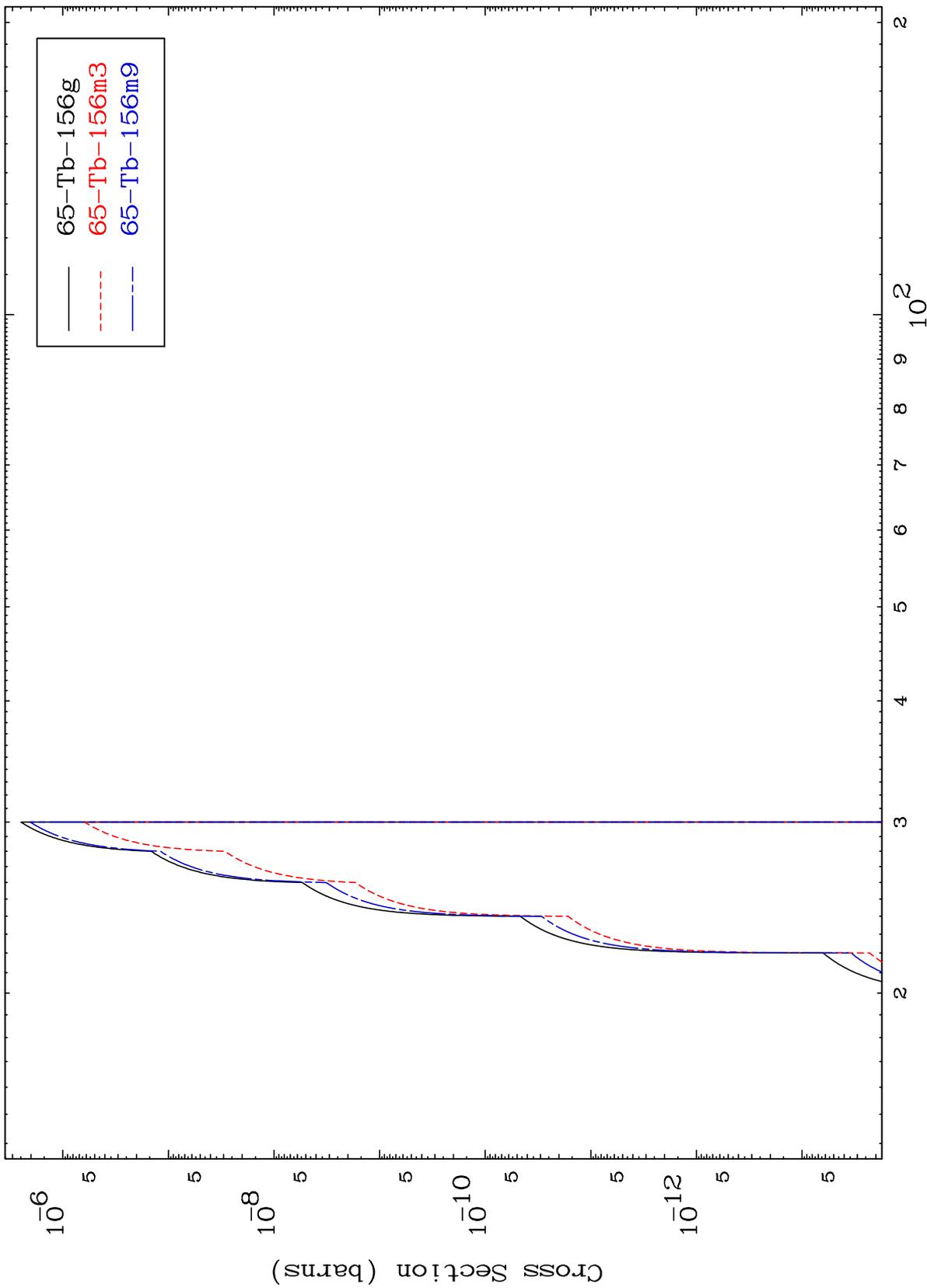
Incident Energy (MeV)

13

MAT 6513

65-Tb-155

(n,He-3)
Radionuclide Production Cross Section



65-Tb-155

Incident Energy (MeV)

14