

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

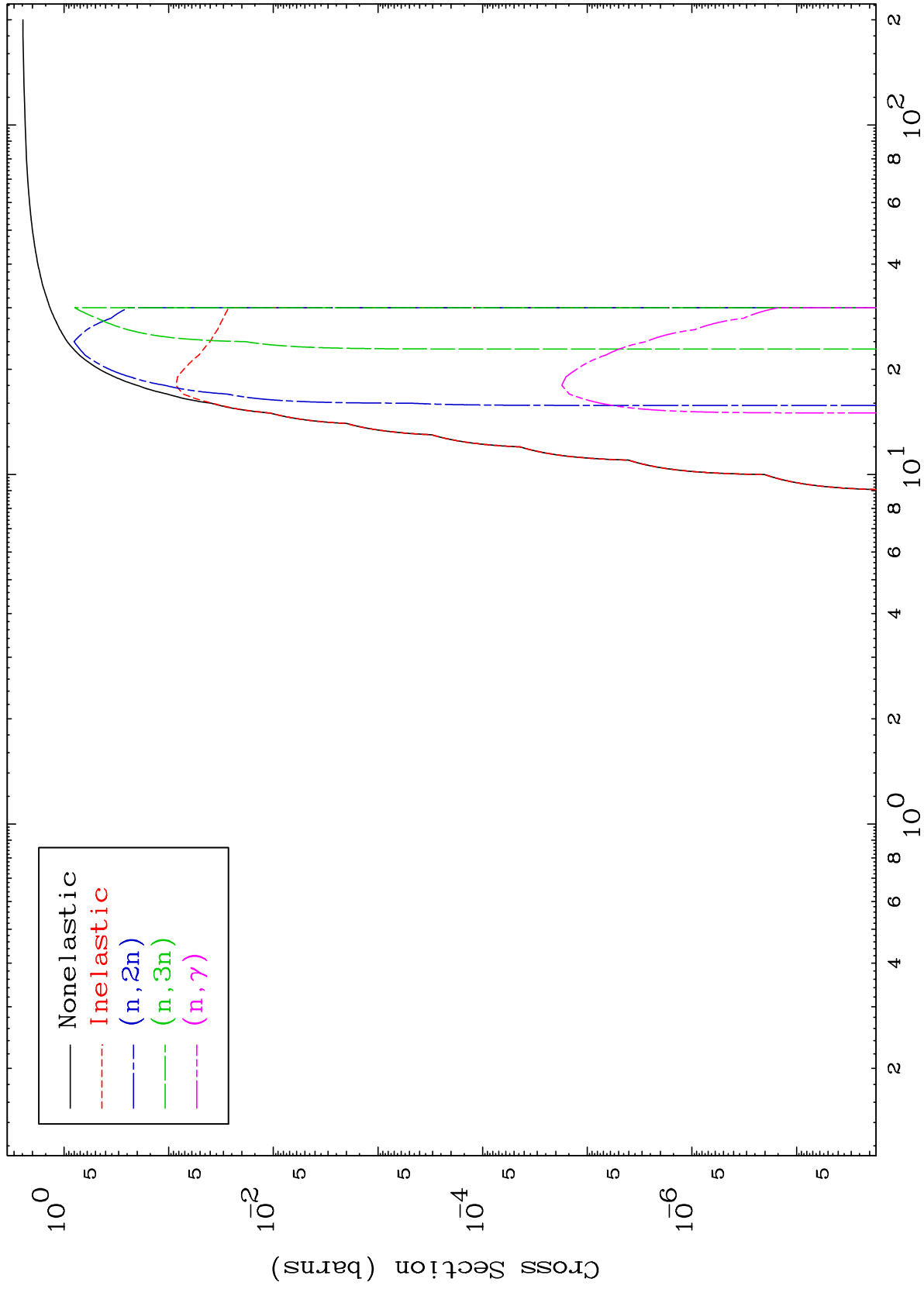
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6334

0 Kelvin α Major
Cross Sections

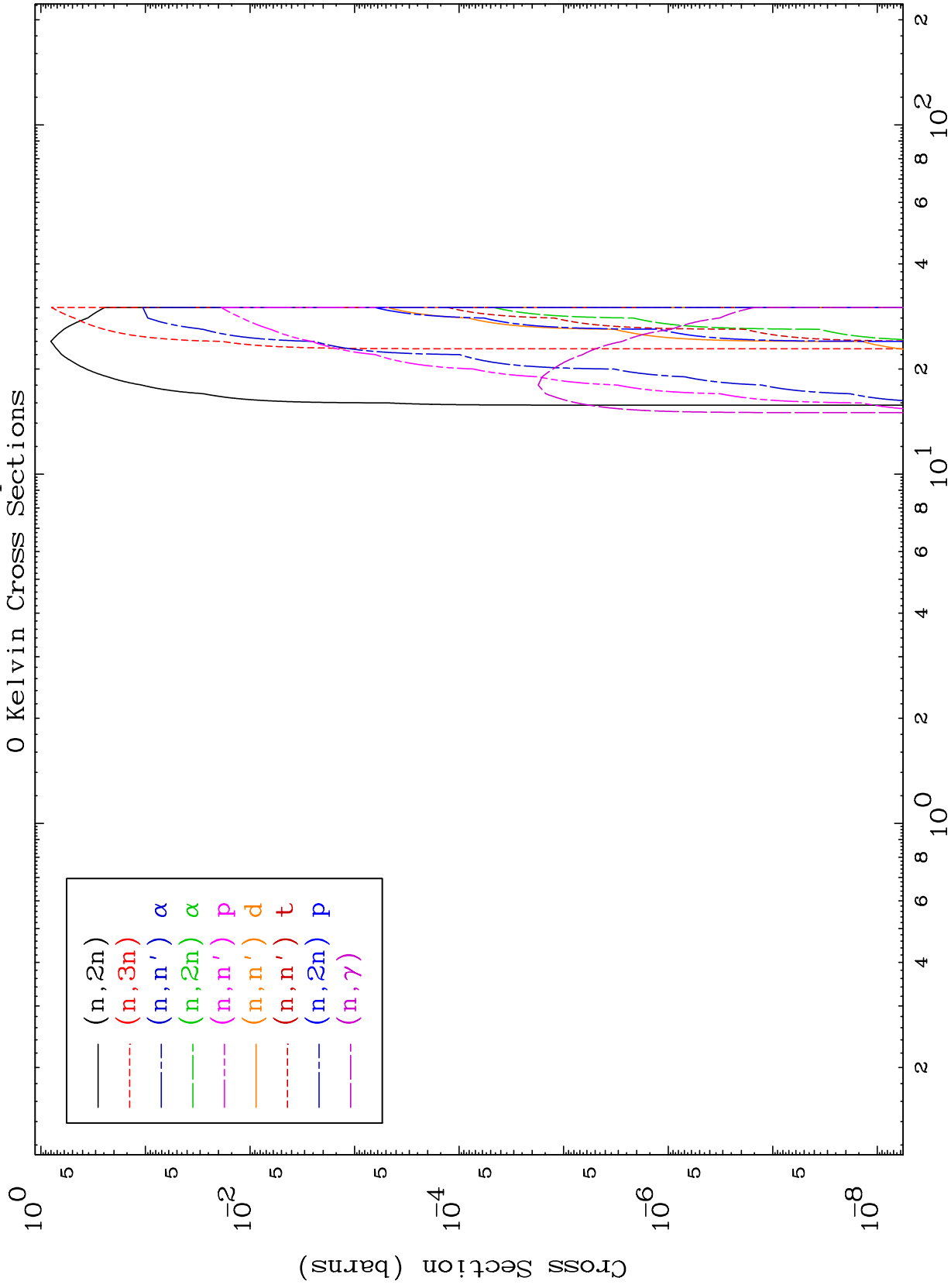
63-Eu-154



MAT 6334

α Neutron Absorption
0 Kelvin Cross Sections

63-Eu-154



2

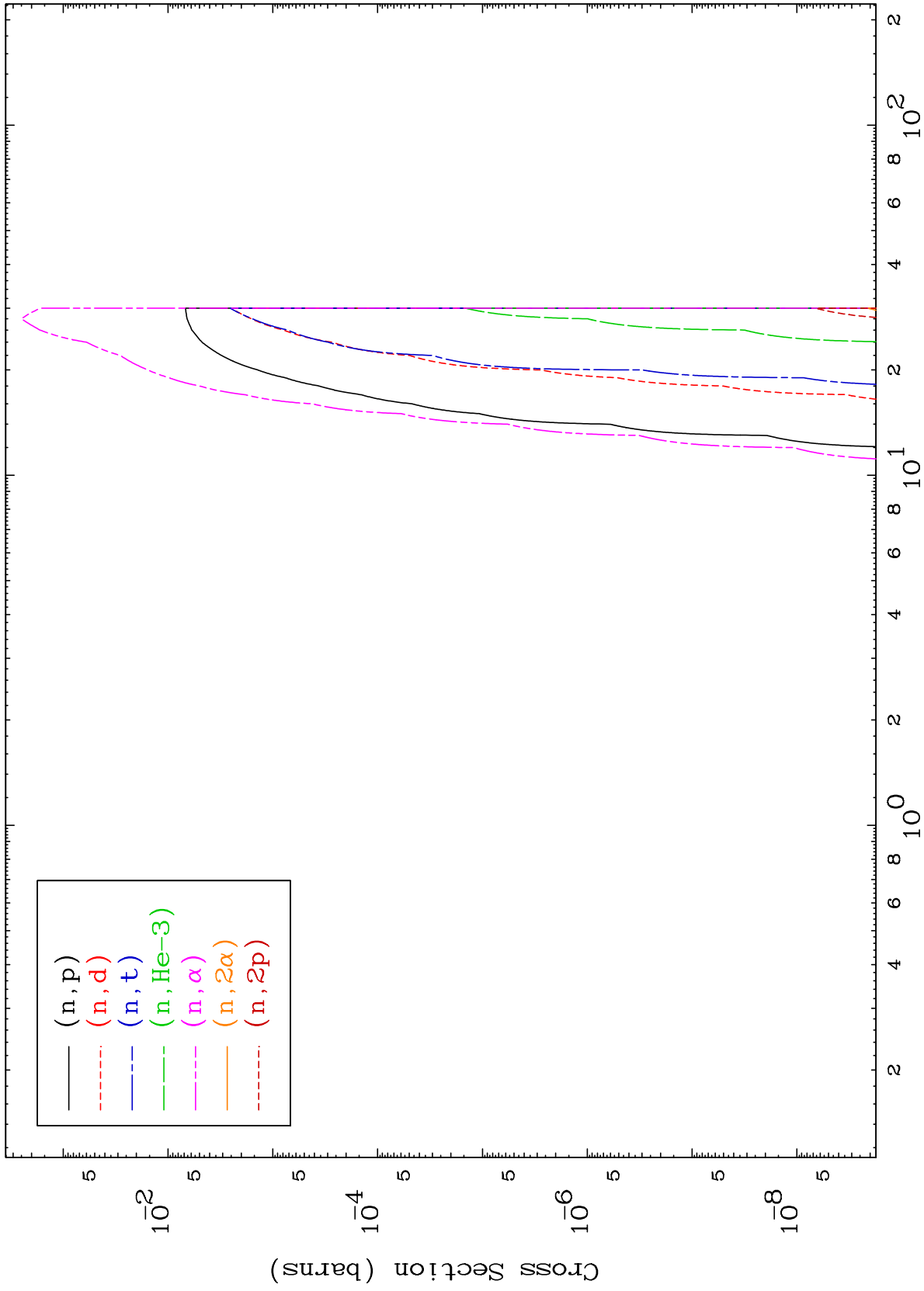
Incident Energy (MeV)

63-Eu-154

MAT 6334

α Neutron Absorption
0 Kelvin Cross Sections

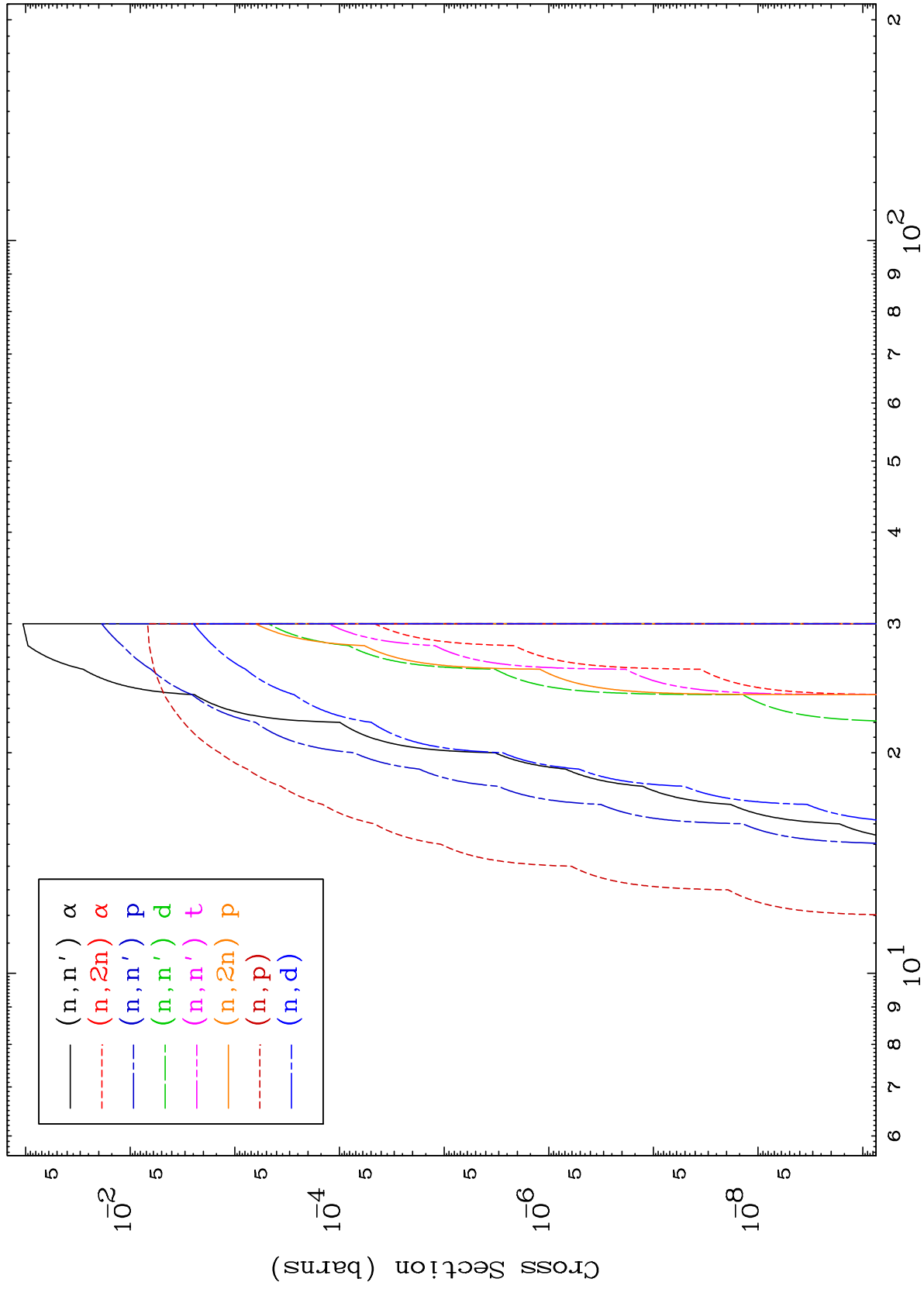
63-Eu-154

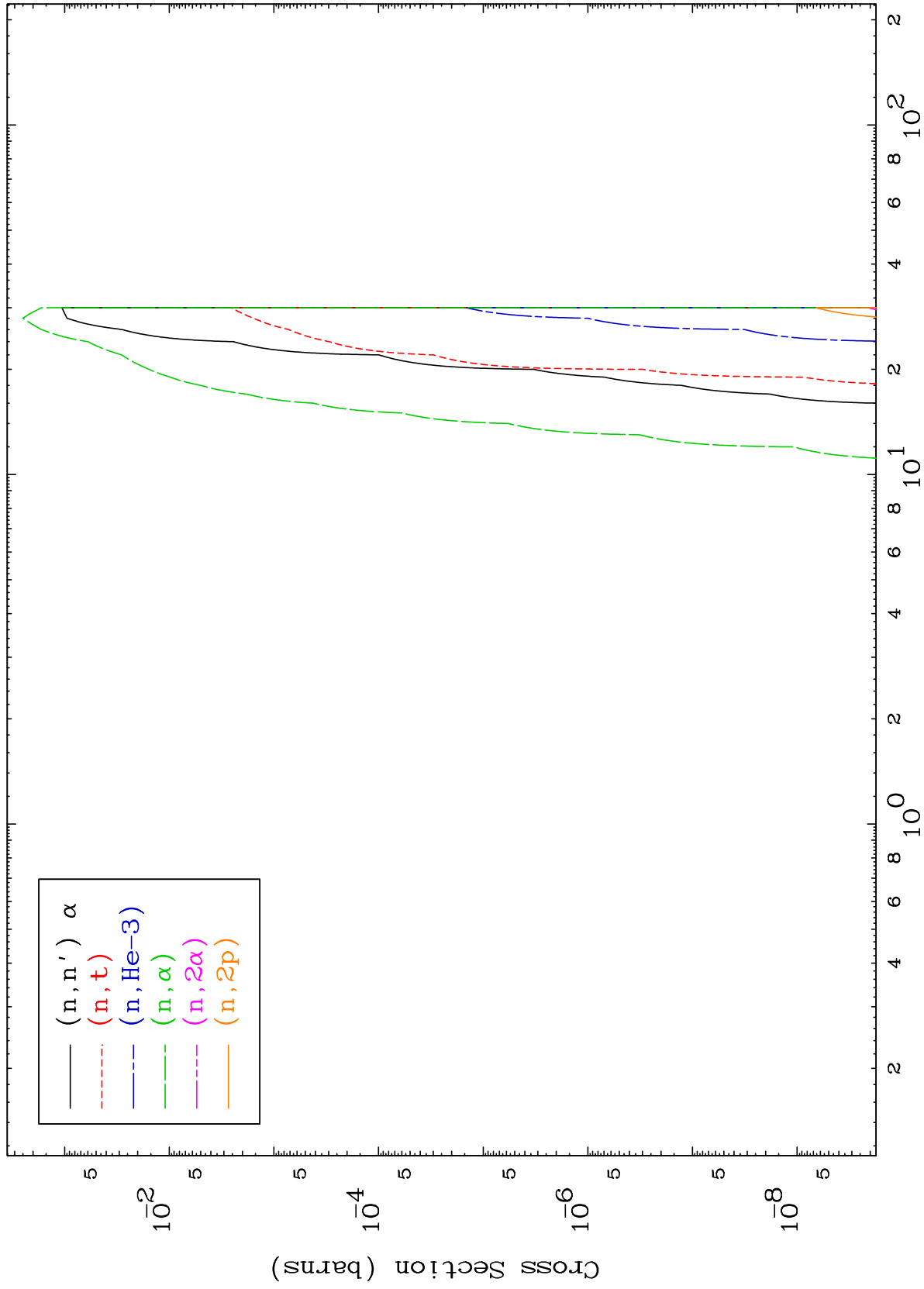


3

Incident Energy (MeV)

63-Eu-154

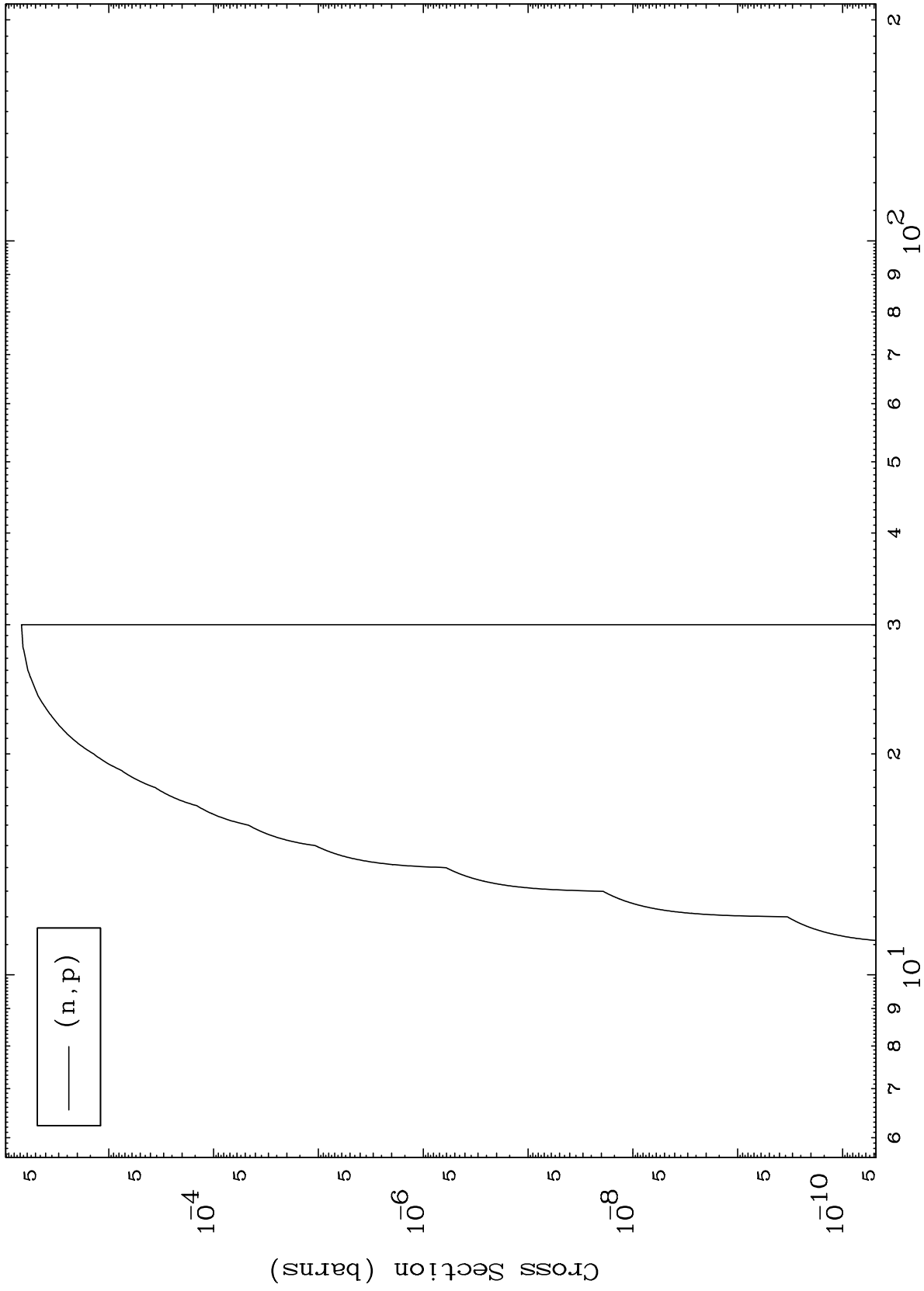




MAT 6334

(α, p) Levels
0 Kelvin Cross Sections

63-Eu-154



6

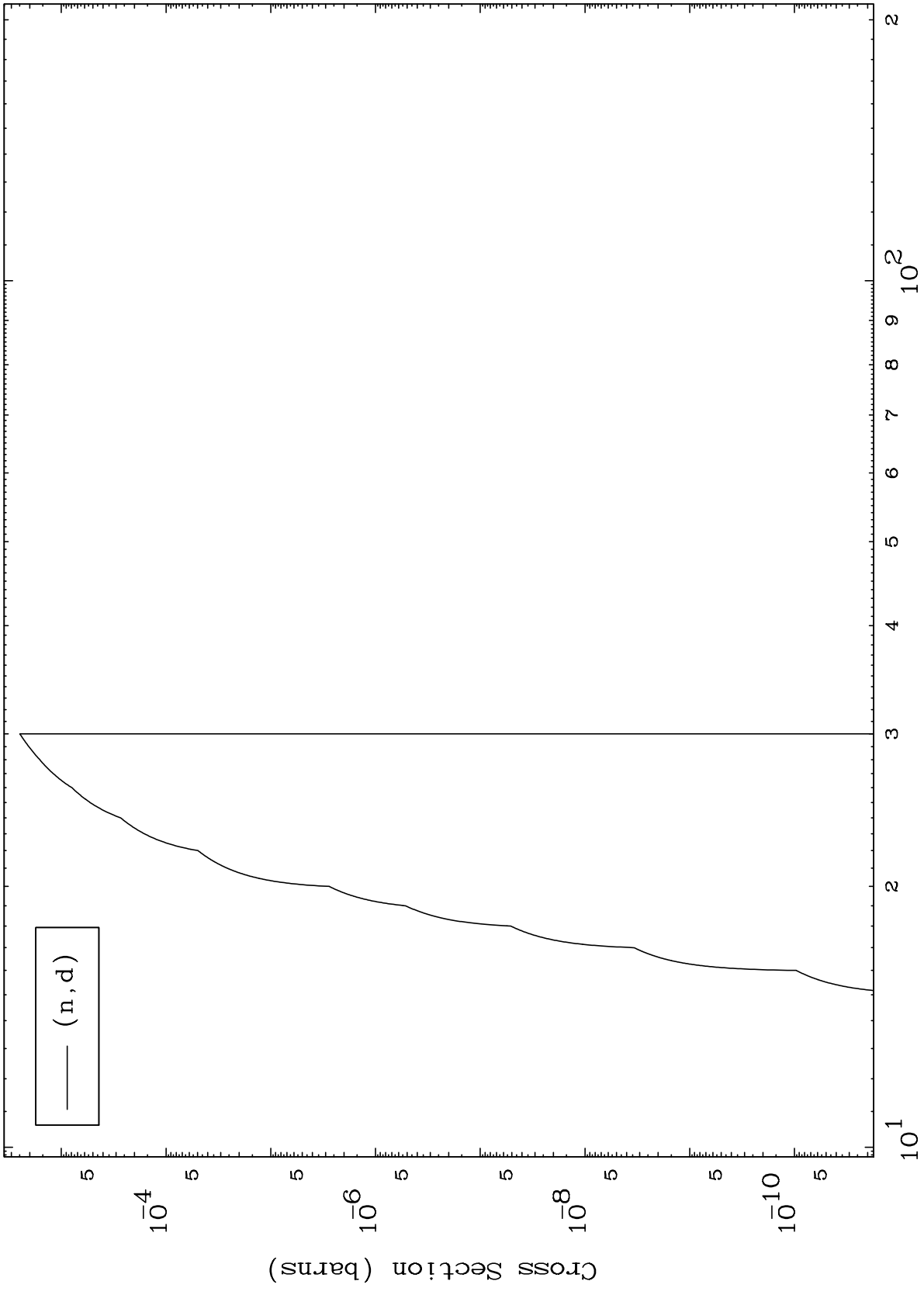
Incident Energy (MeV)

63-Eu-154

MAT 6334

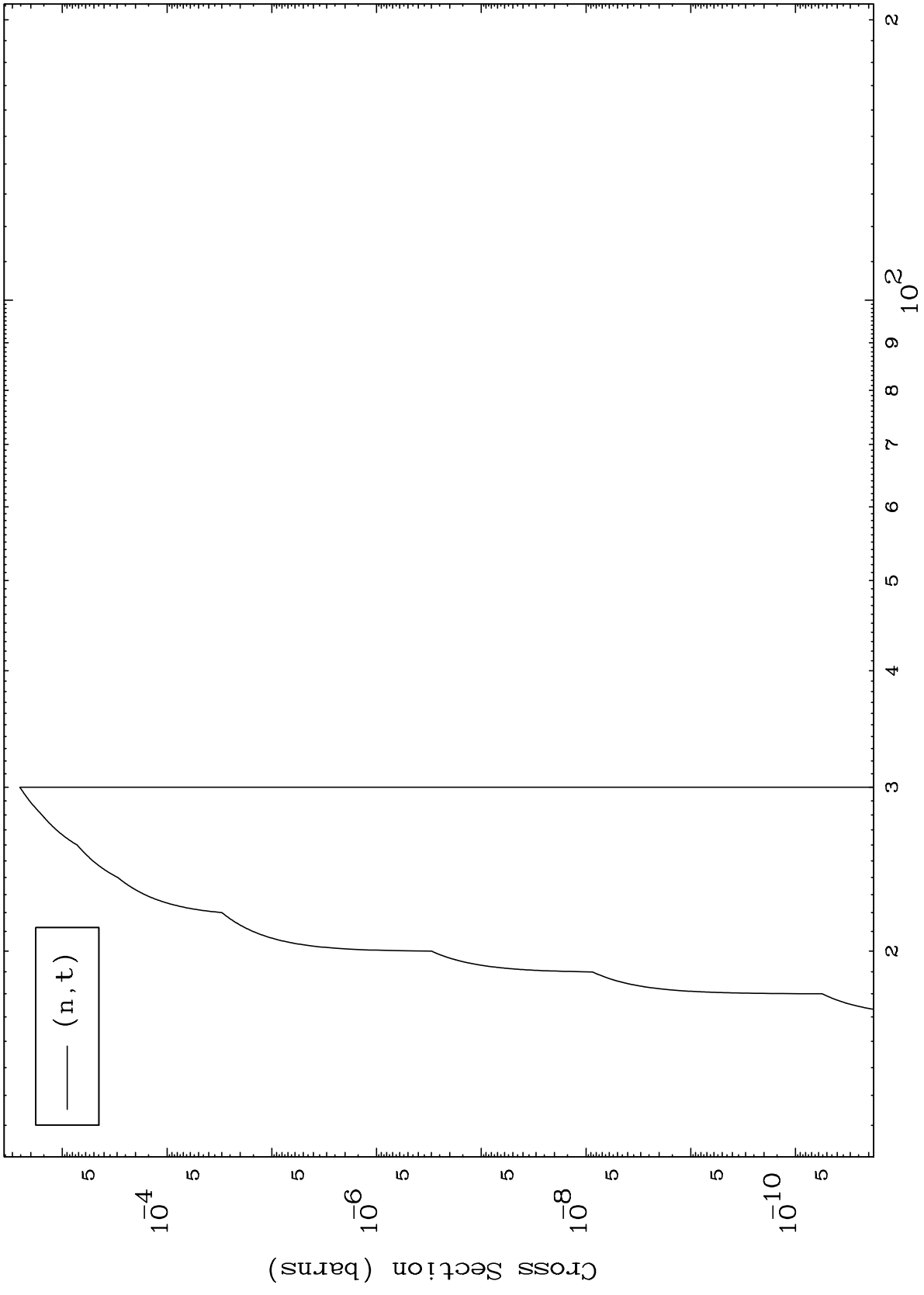
(α, d) Levels
0 Kelvin Cross Sections

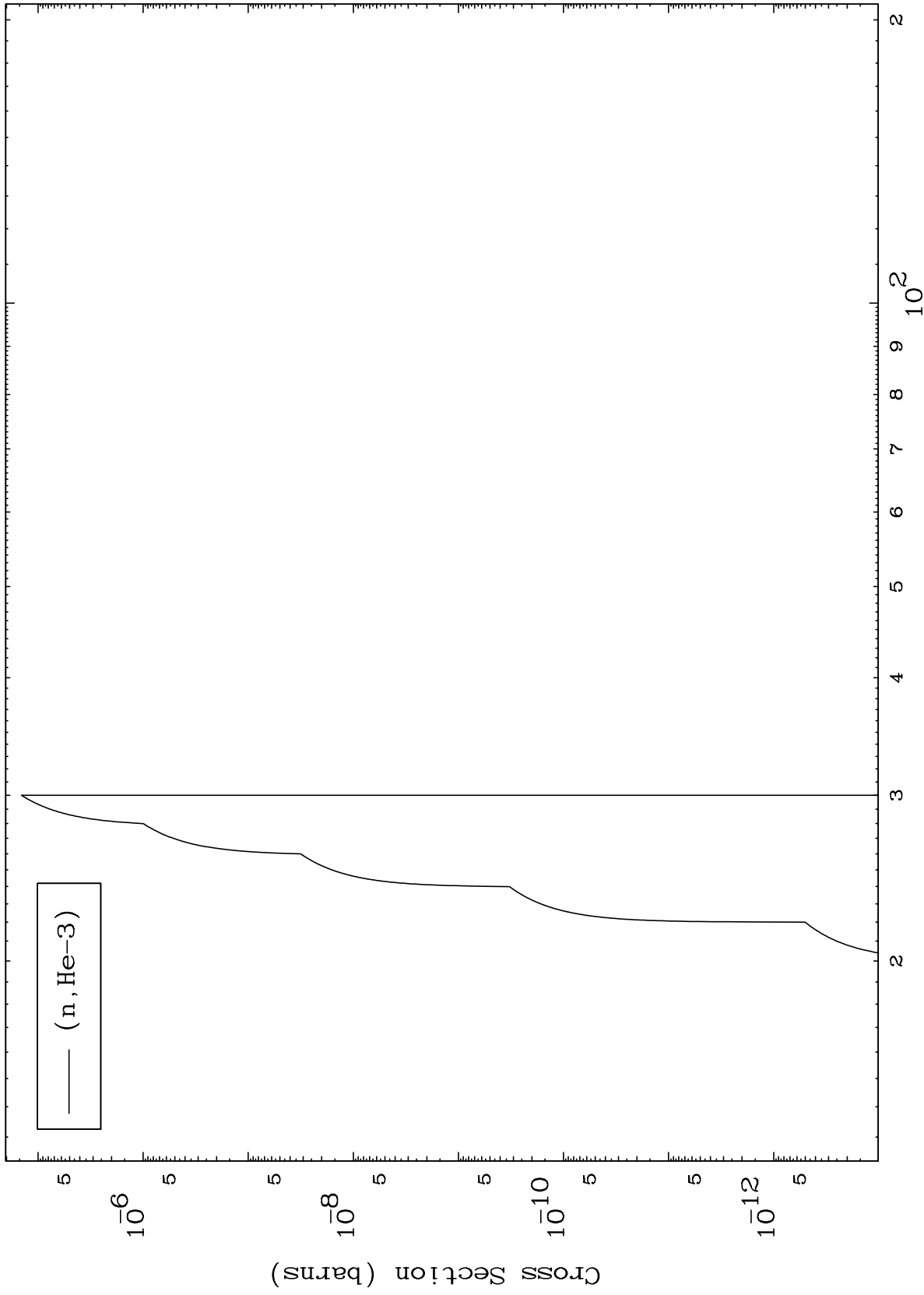
63-Eu-154



Incident Energy (MeV)

63-Eu-154

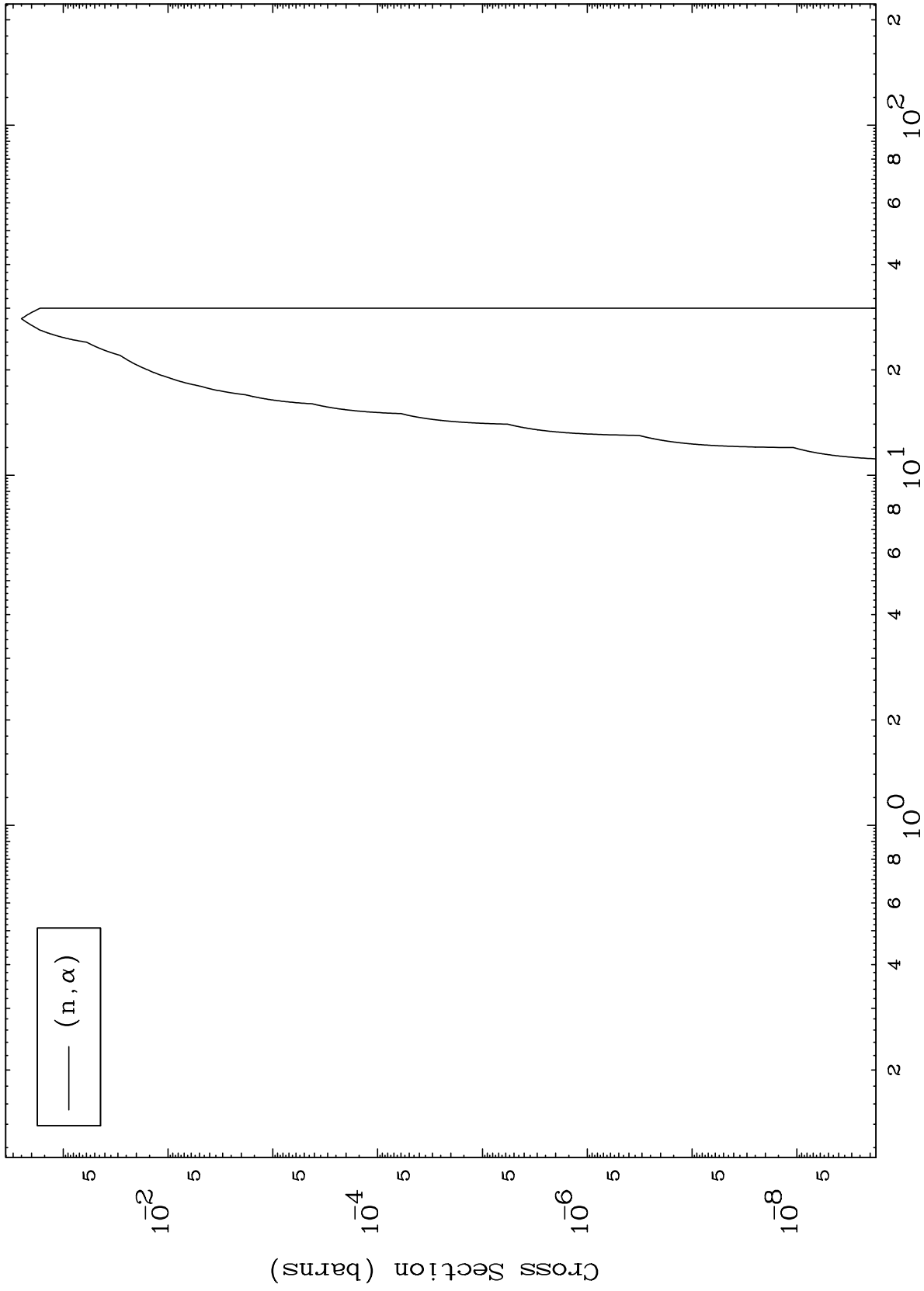




MAT 6334

(α, α) Levels
0 Kelvin Cross Sections

63-Eu-154



10

Incident Energy (MeV)

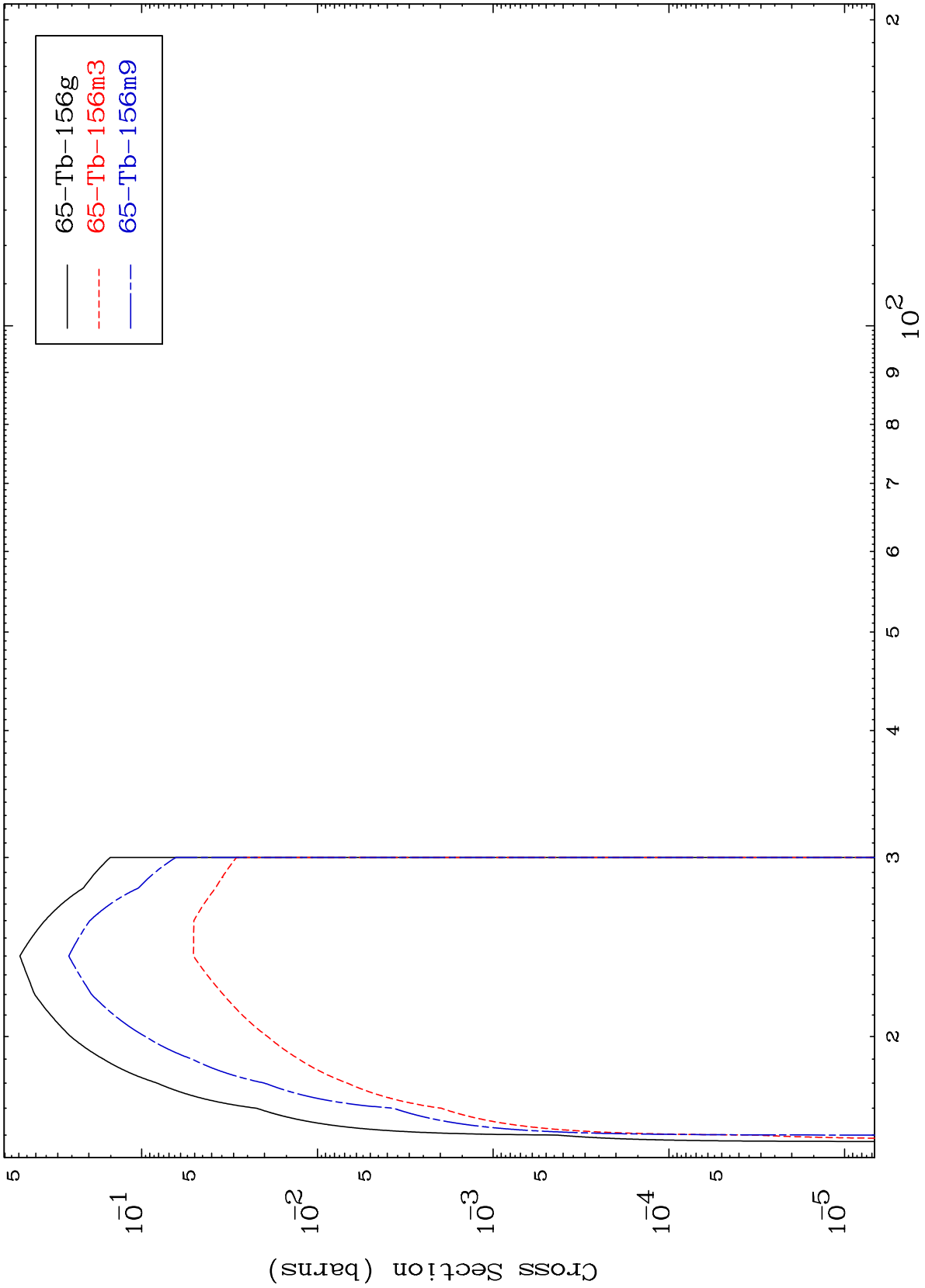
63-Eu-154

MAT 6334

(n,2n)

63-Eu-154

Radionuclide Production Cross Section



11

Incident Energy (MeV)

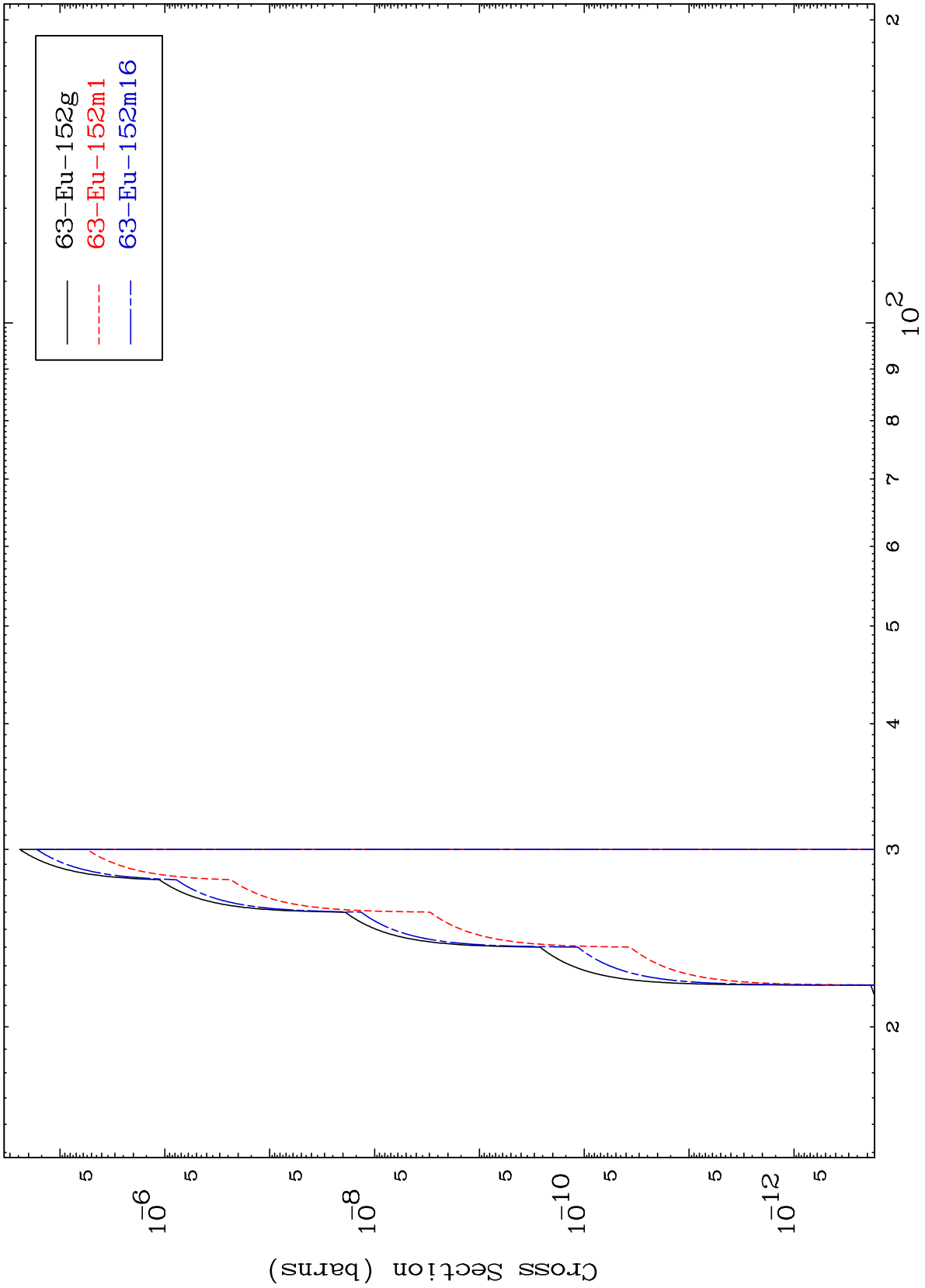
63-Eu-154

MAT 6334

$(n,2n) \alpha$

63-Eu-154

Radionuclide Production Cross Section



12

Incident Energy (MeV)

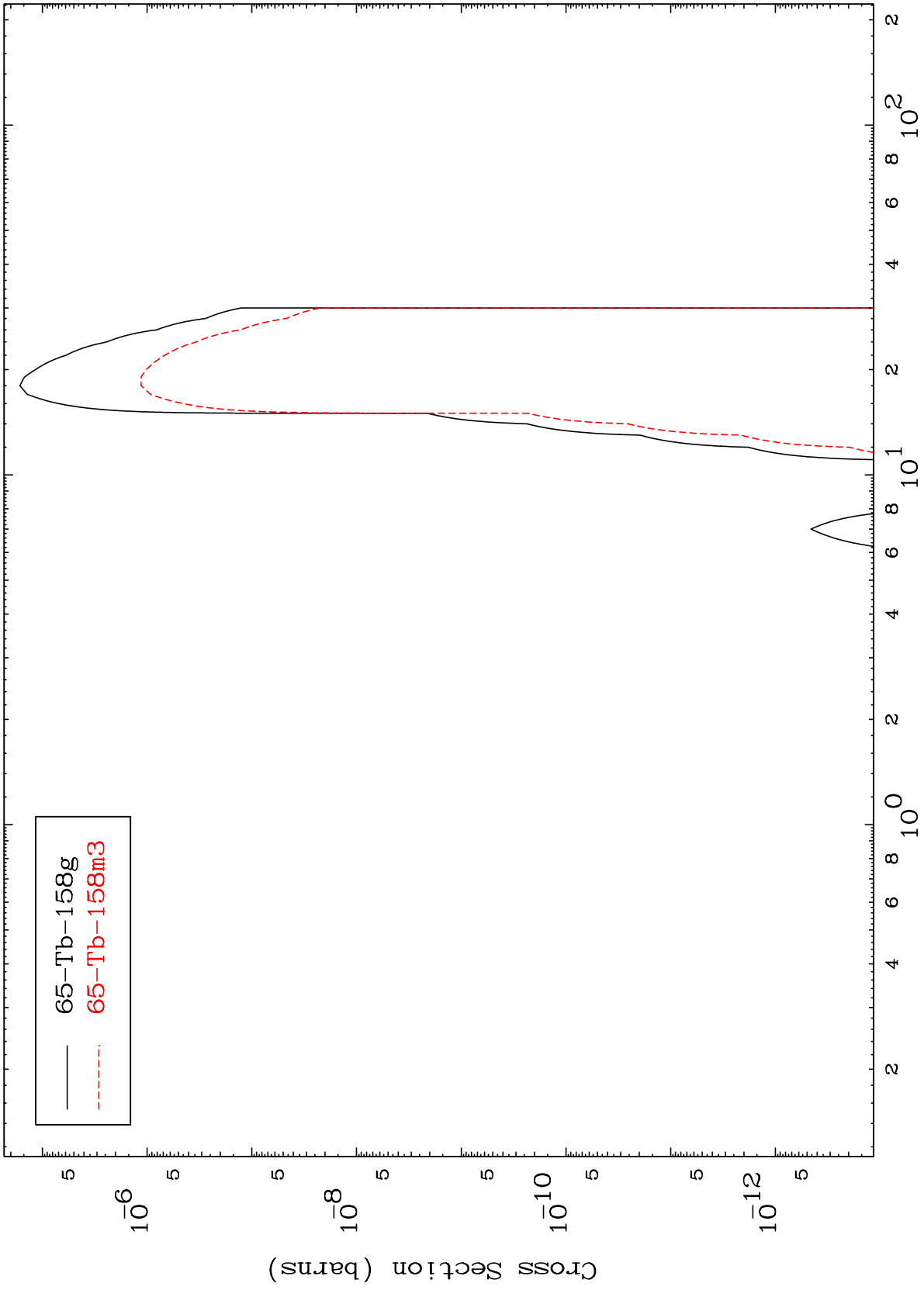
63-Eu-154

MAT 6334

(n, γ)

63-Eu-154

Radionuclide Production Cross Section



13

Incident Energy (MeV)

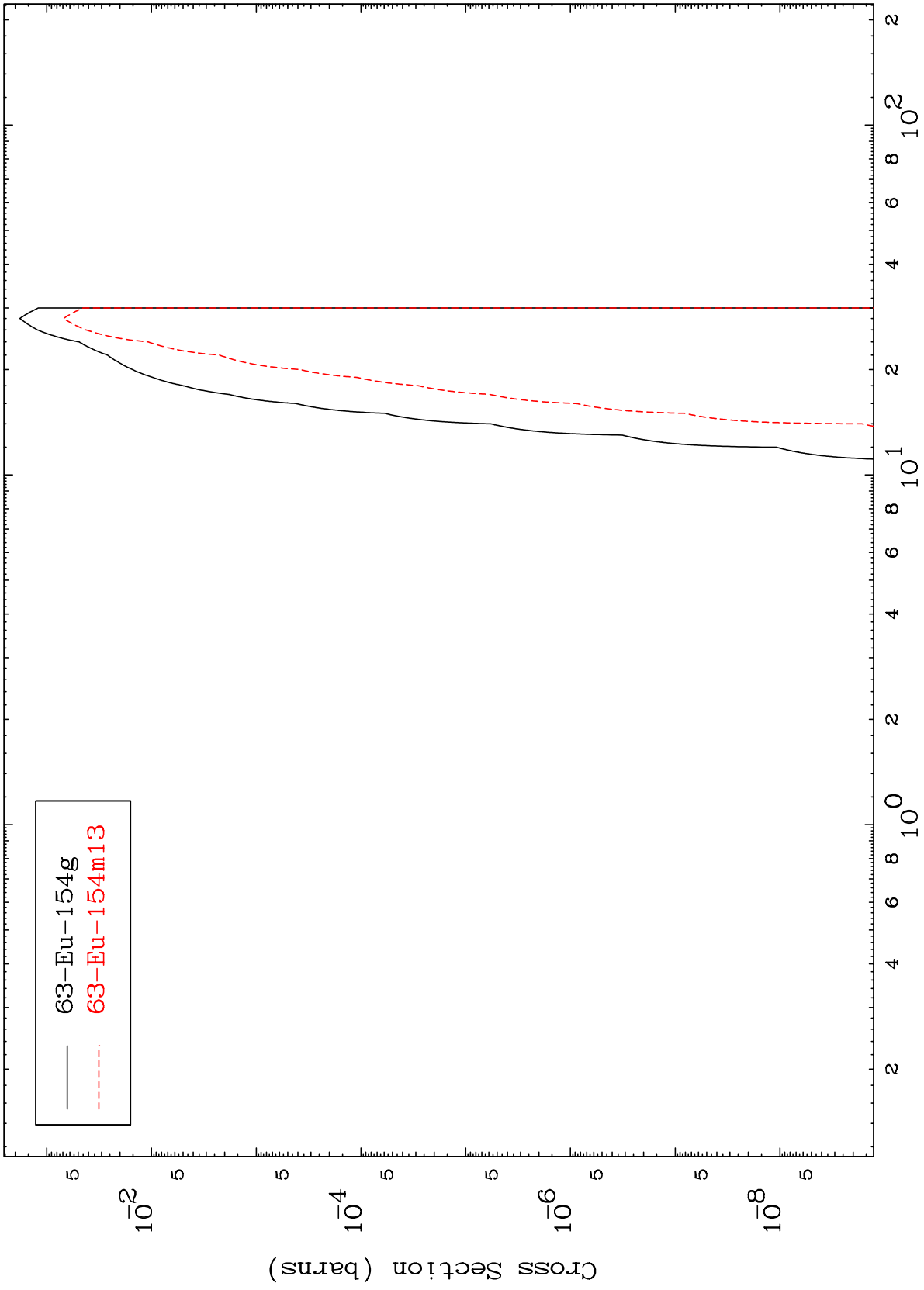
63-Eu-154

MAT 6334

(n, α)

63-Eu-154

Radionuclide Production Cross Section



14

Incident Energy (MeV)

63-Eu-154