

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

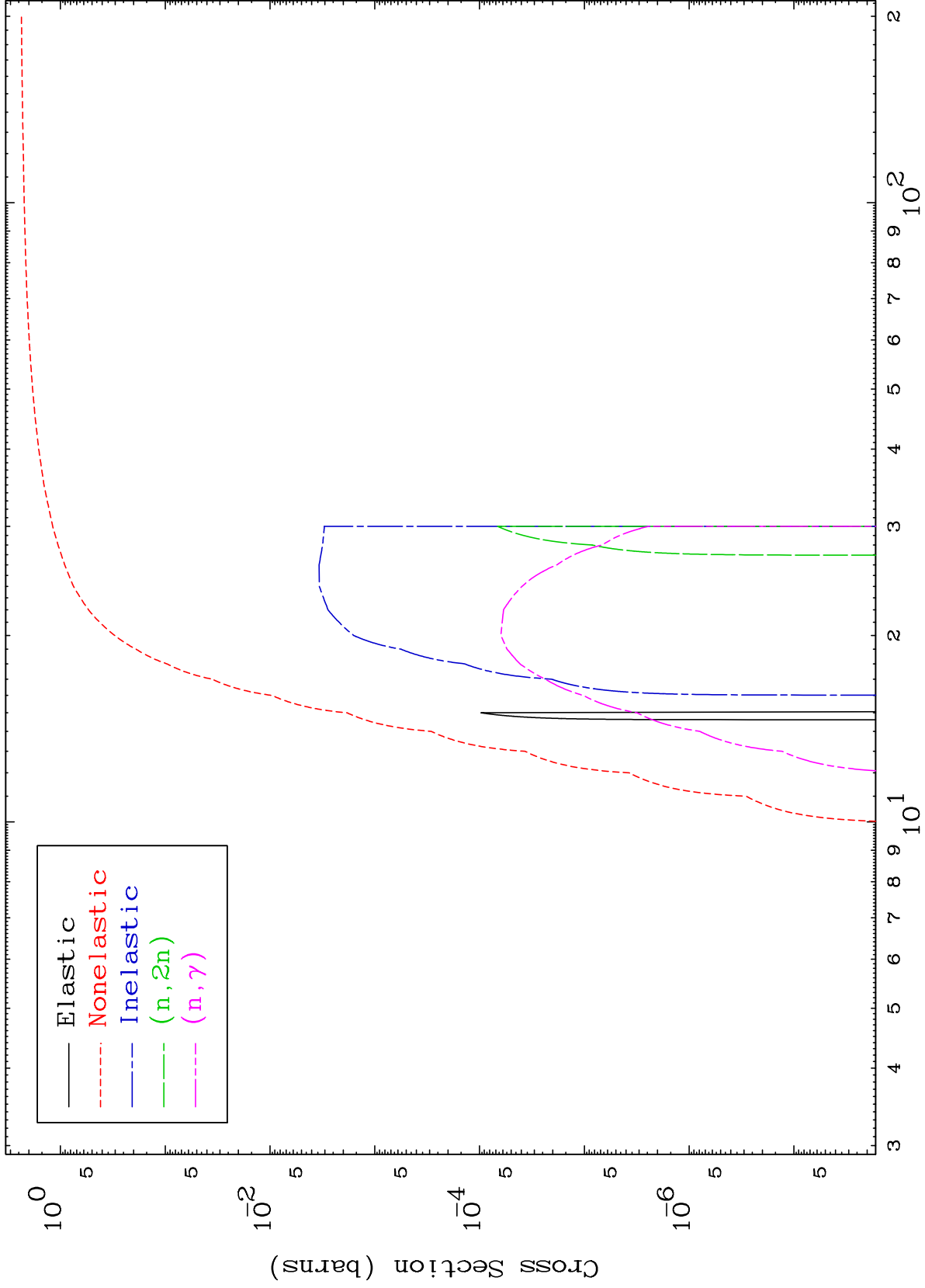
Press Mouse Button to Start

MAT 6471

α Major

65-Tb-141

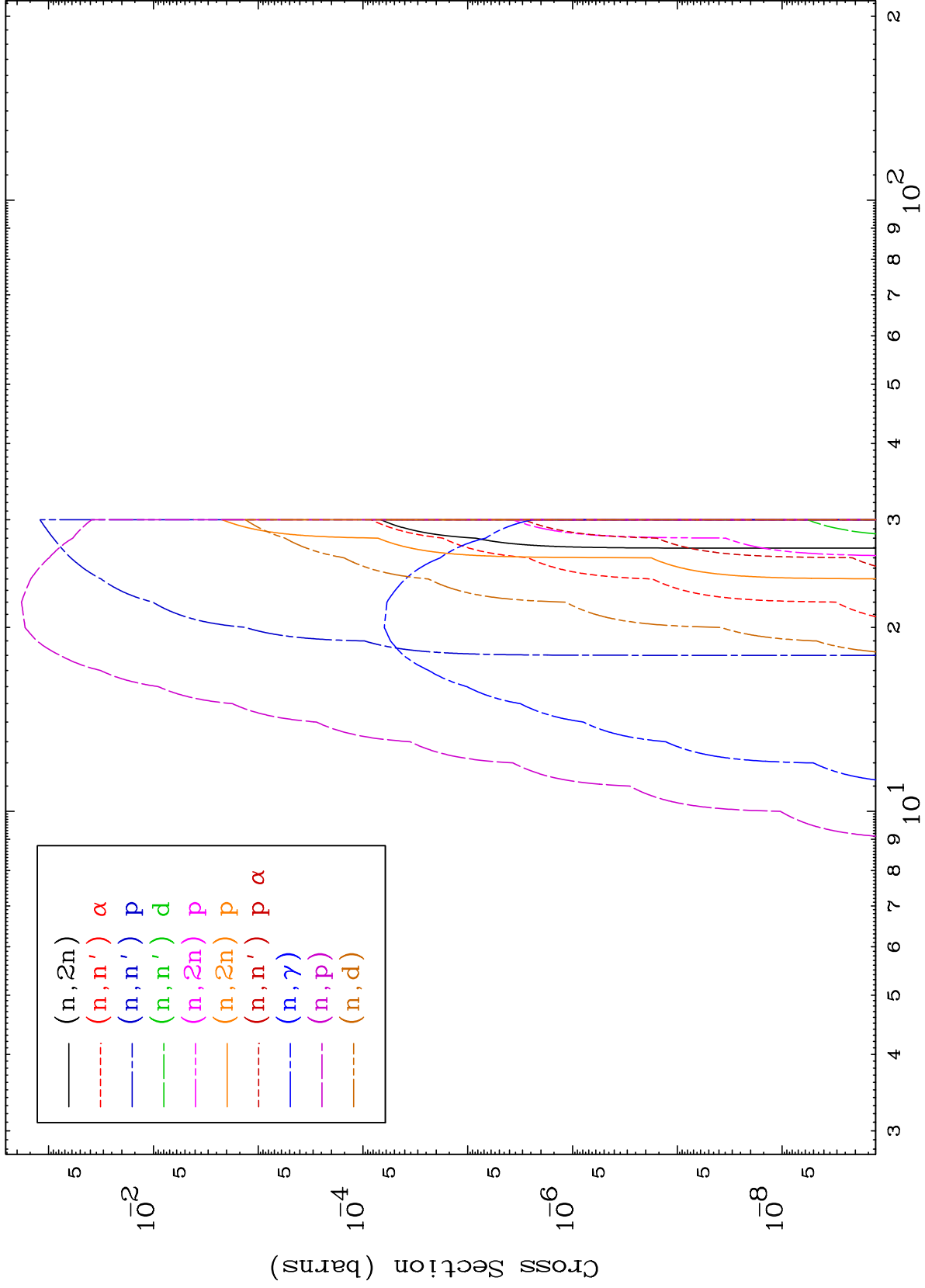
0 Kelvin Cross Sections



1

Incident Energy (MeV)

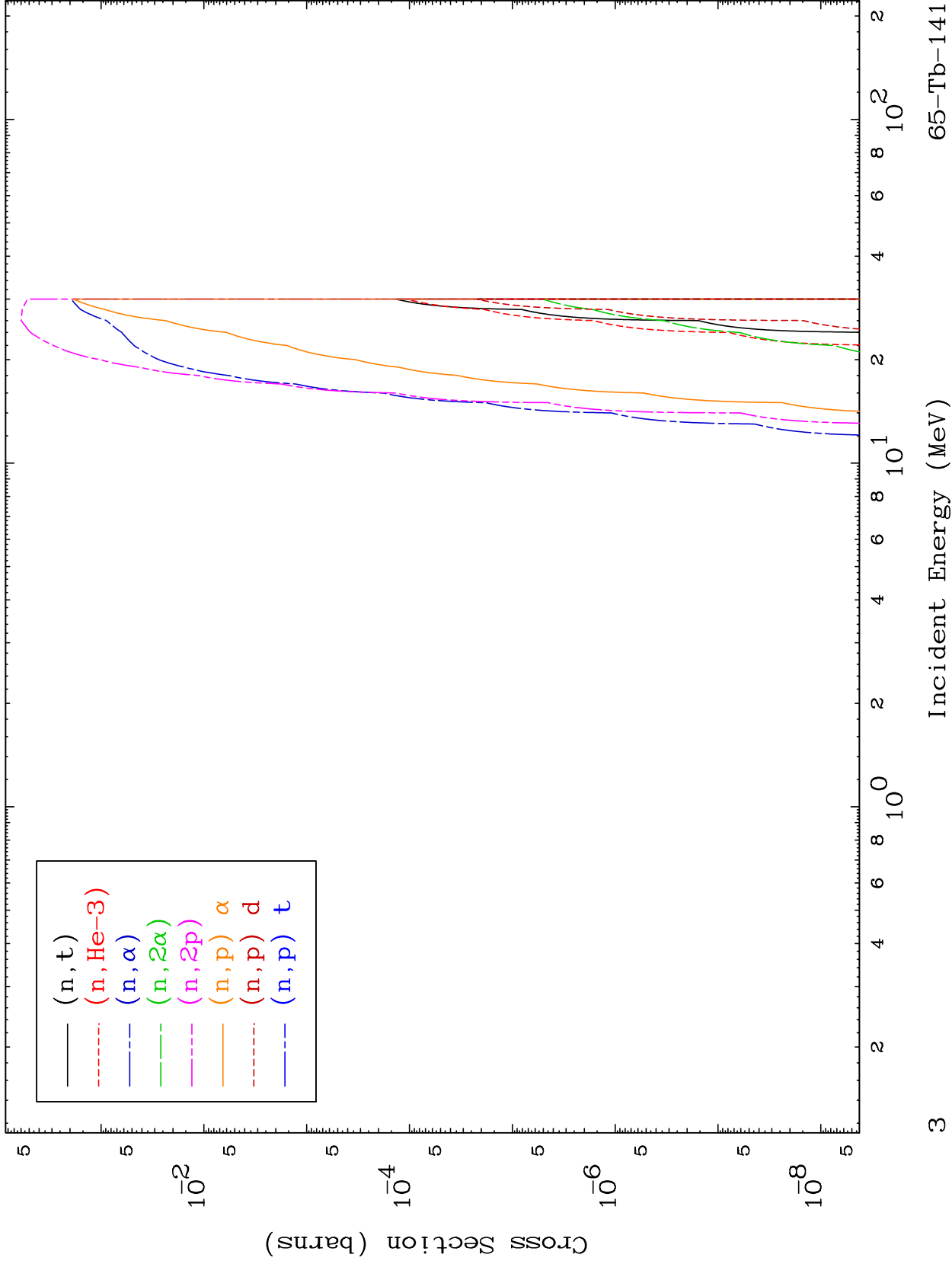
65-Tb-141

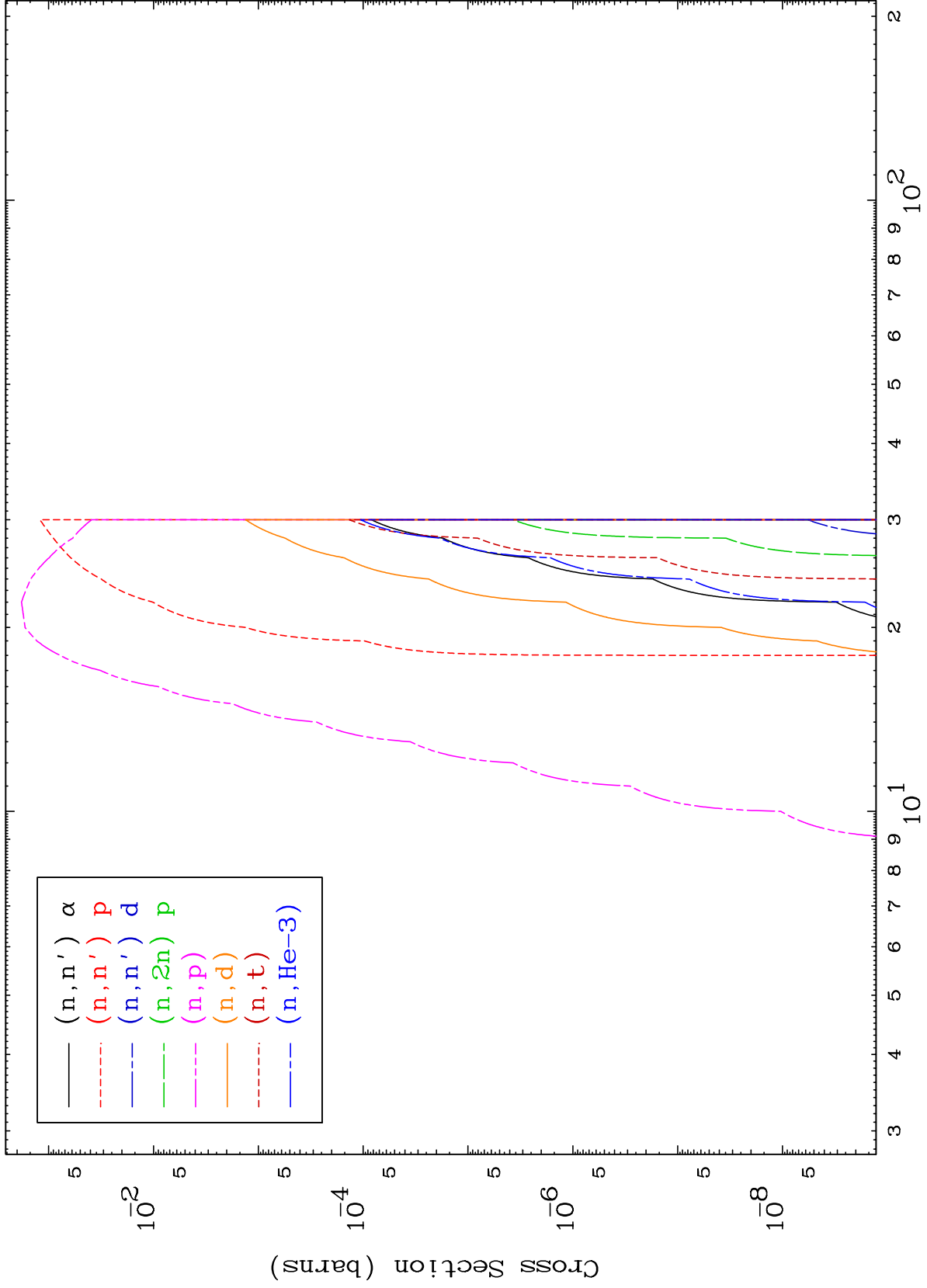


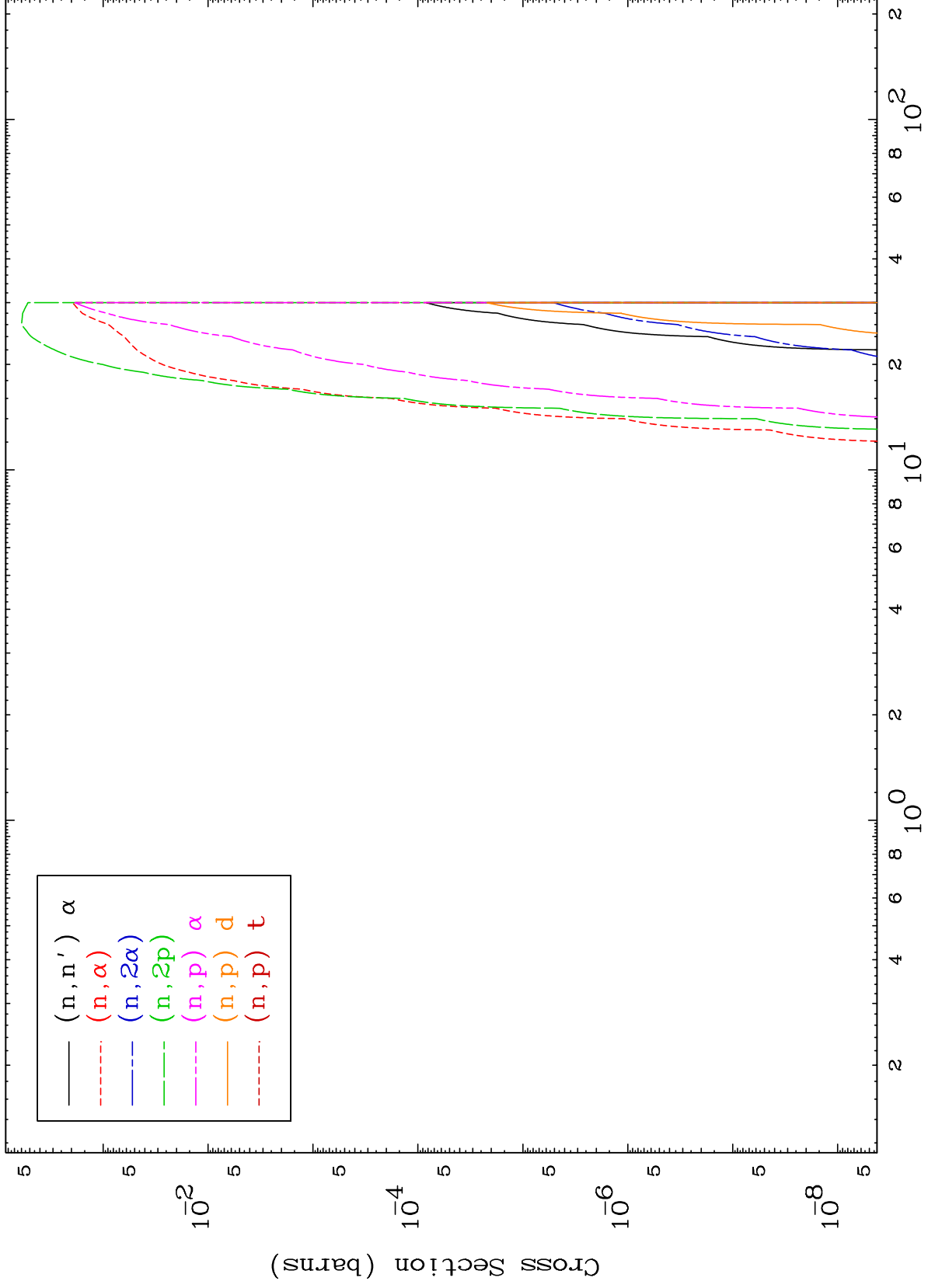
MAT 6471

α Neutron Absorption
0 Kelvin Cross Sections

65-Tb-141



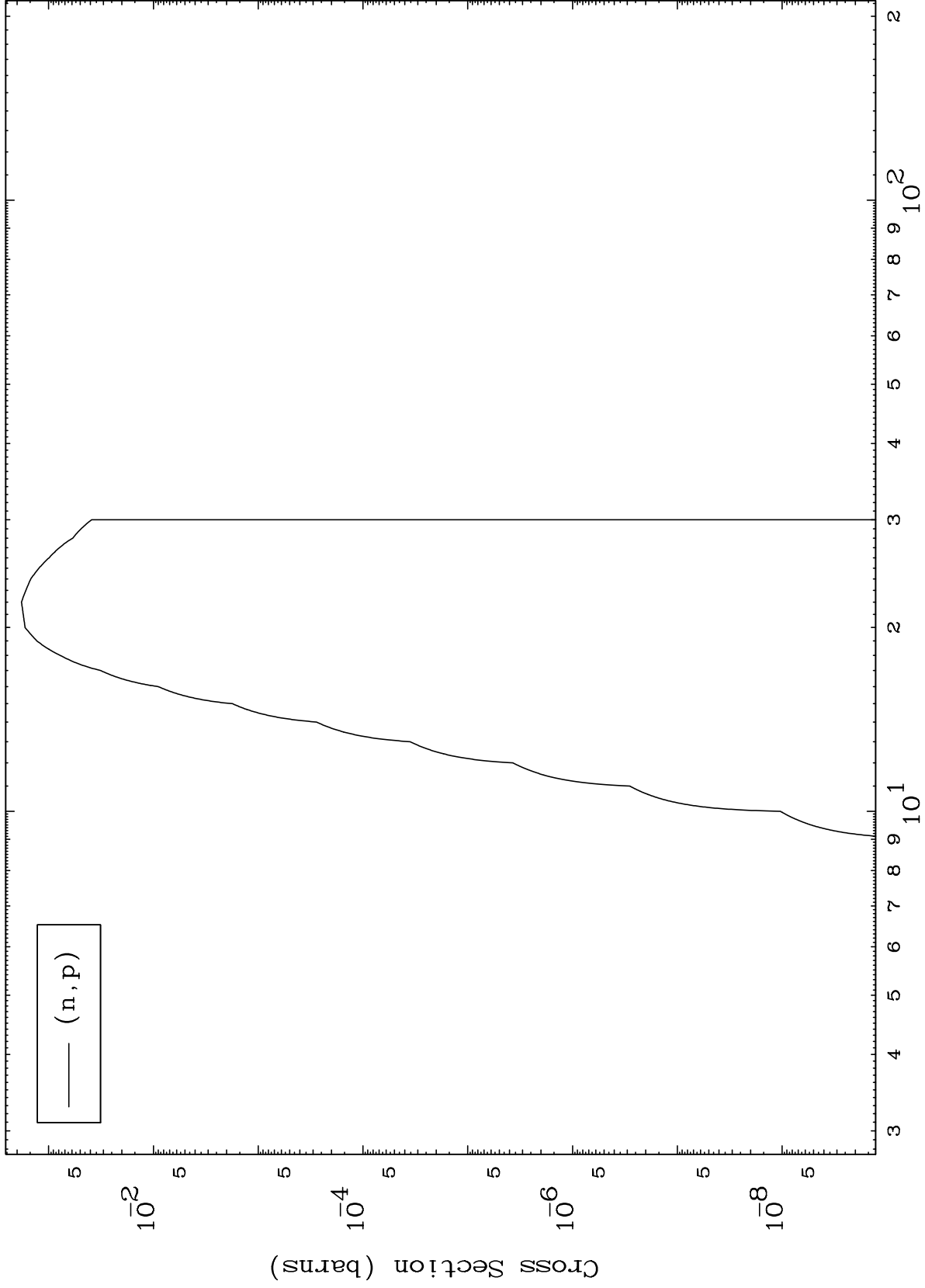




MAT 6471

65-Tb-141

(α, p) Levels
0 Kelvin Cross Sections



65-Tb-141

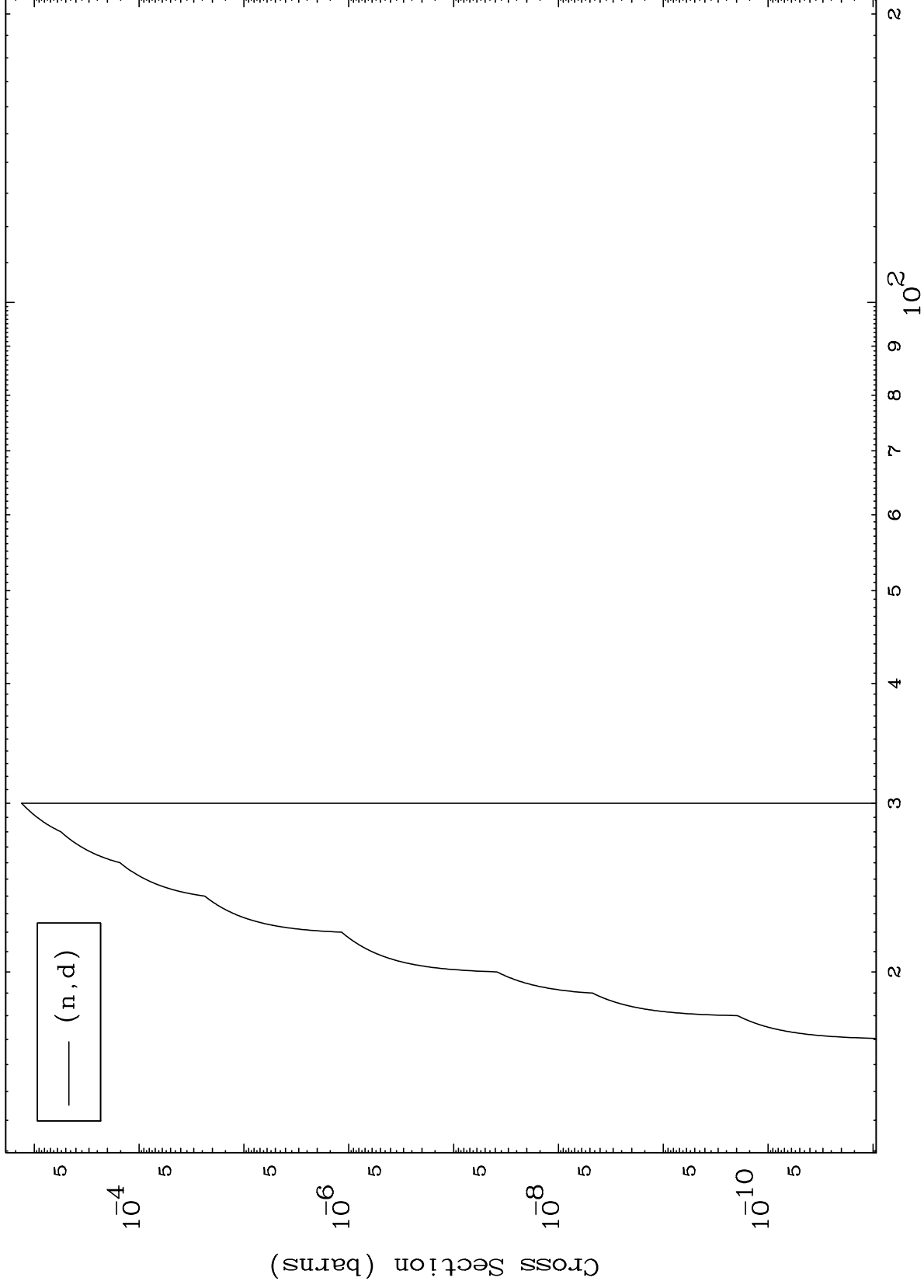
Incident Energy (MeV)

6

MAT 6471

(α, d) Levels
0 Kelvin Cross Sections

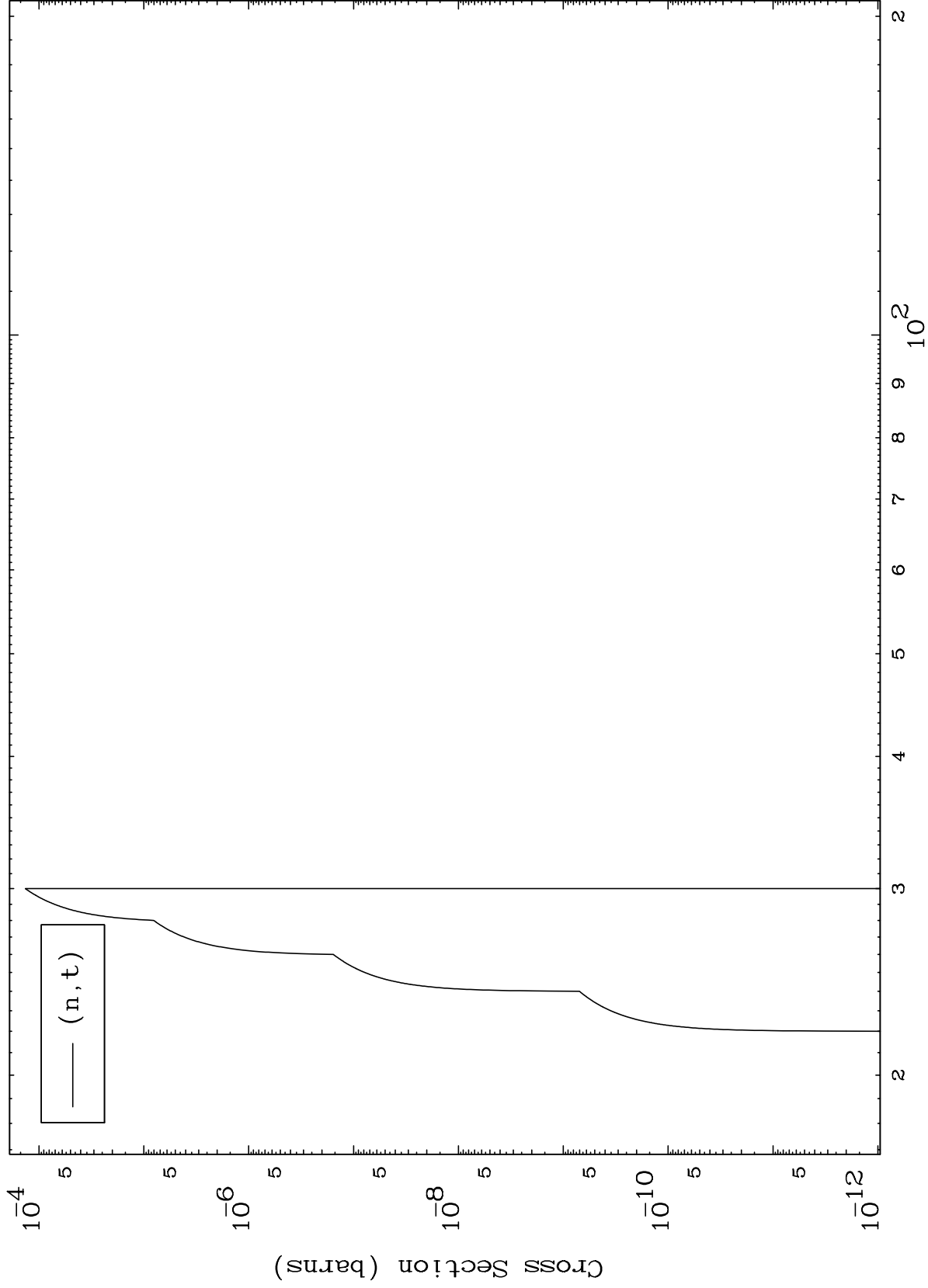
65-Tb-141



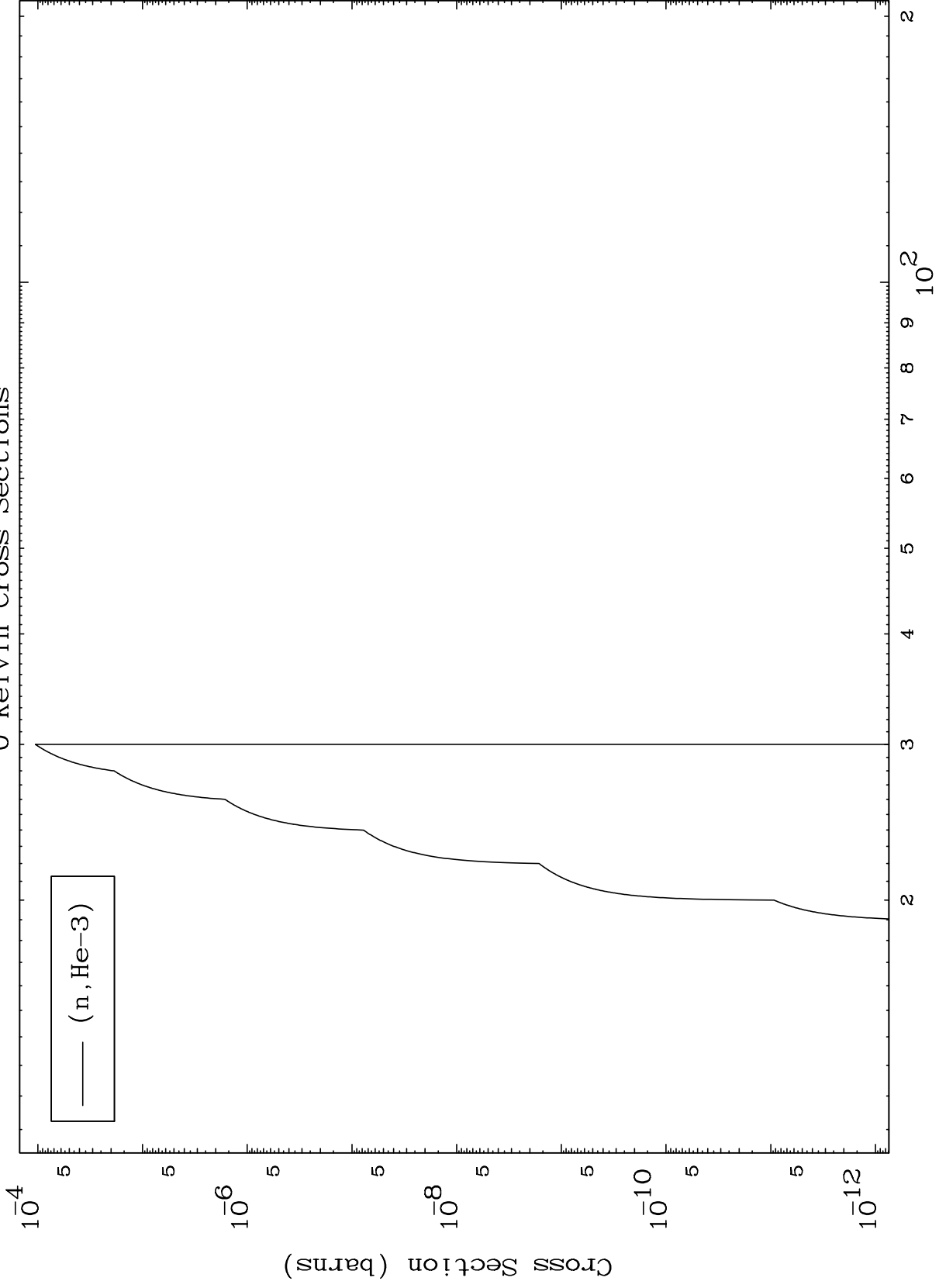
7

Incident Energy (MeV)

65-Tb-141



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



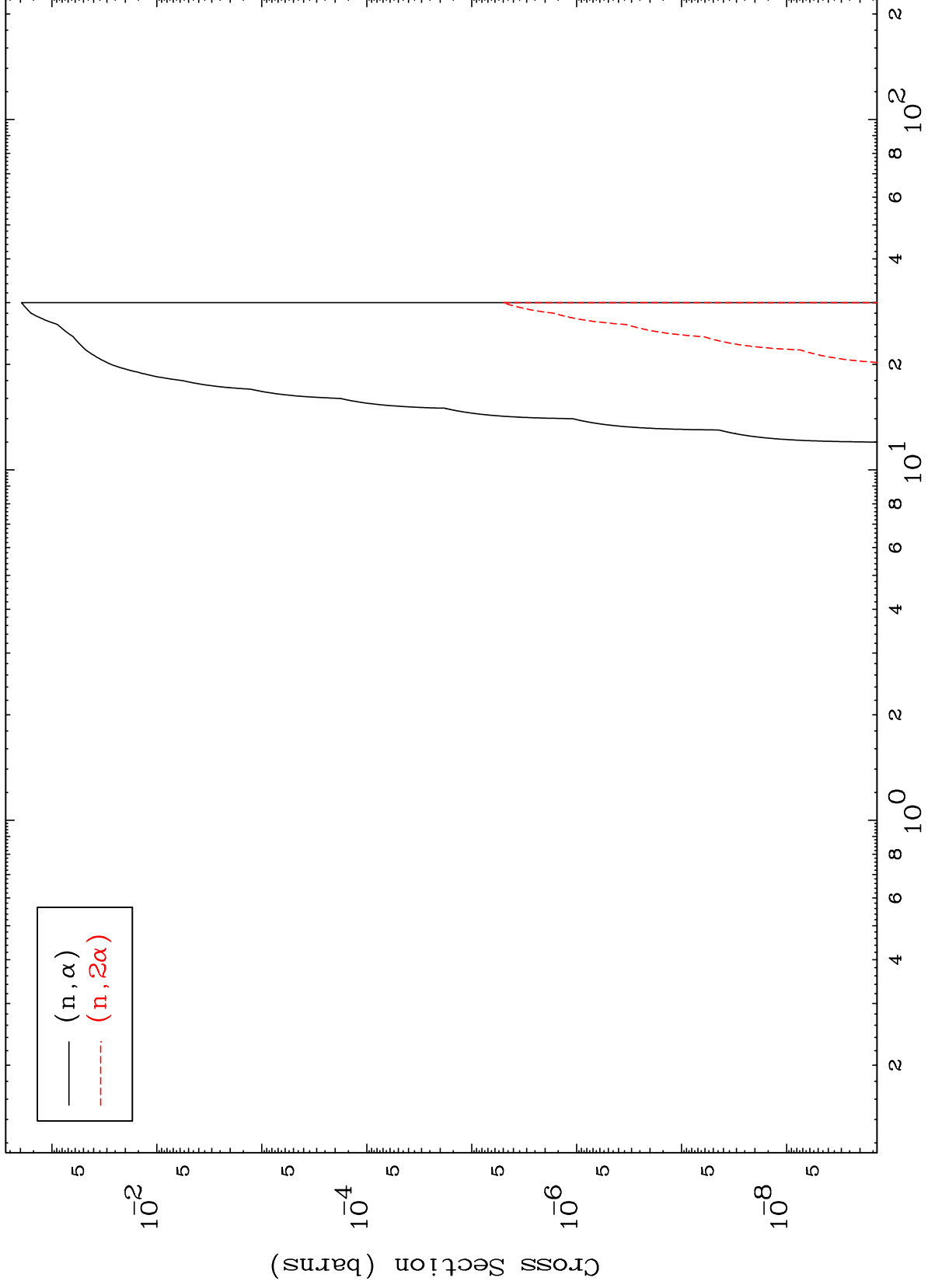
Incident Energy (MeV)

MAT 6471

(α, α) Levels

65-Tb-141

0 Kelvin Cross Sections



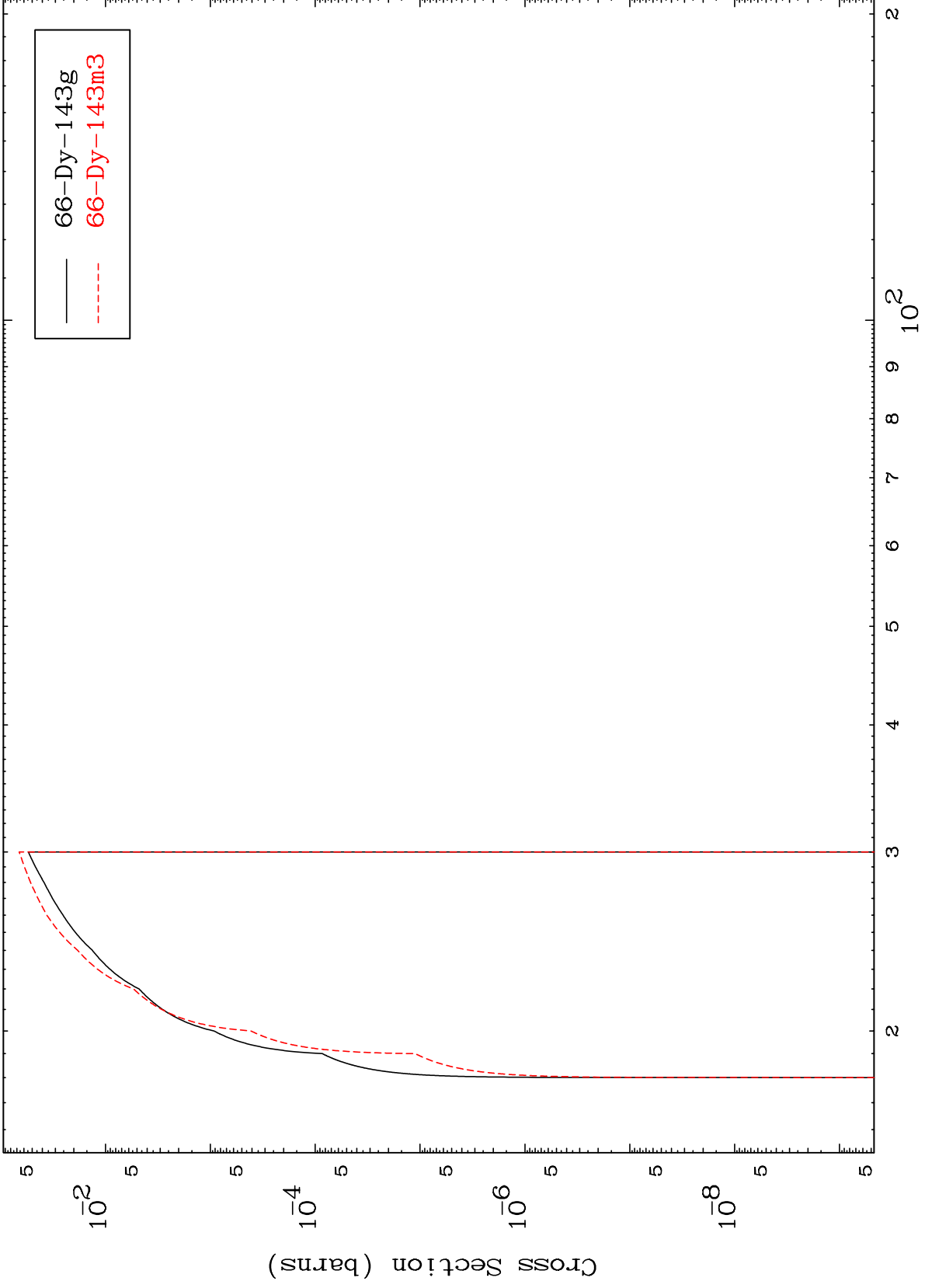
— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

65-Tb-141

Radionuclide Production Cross Section

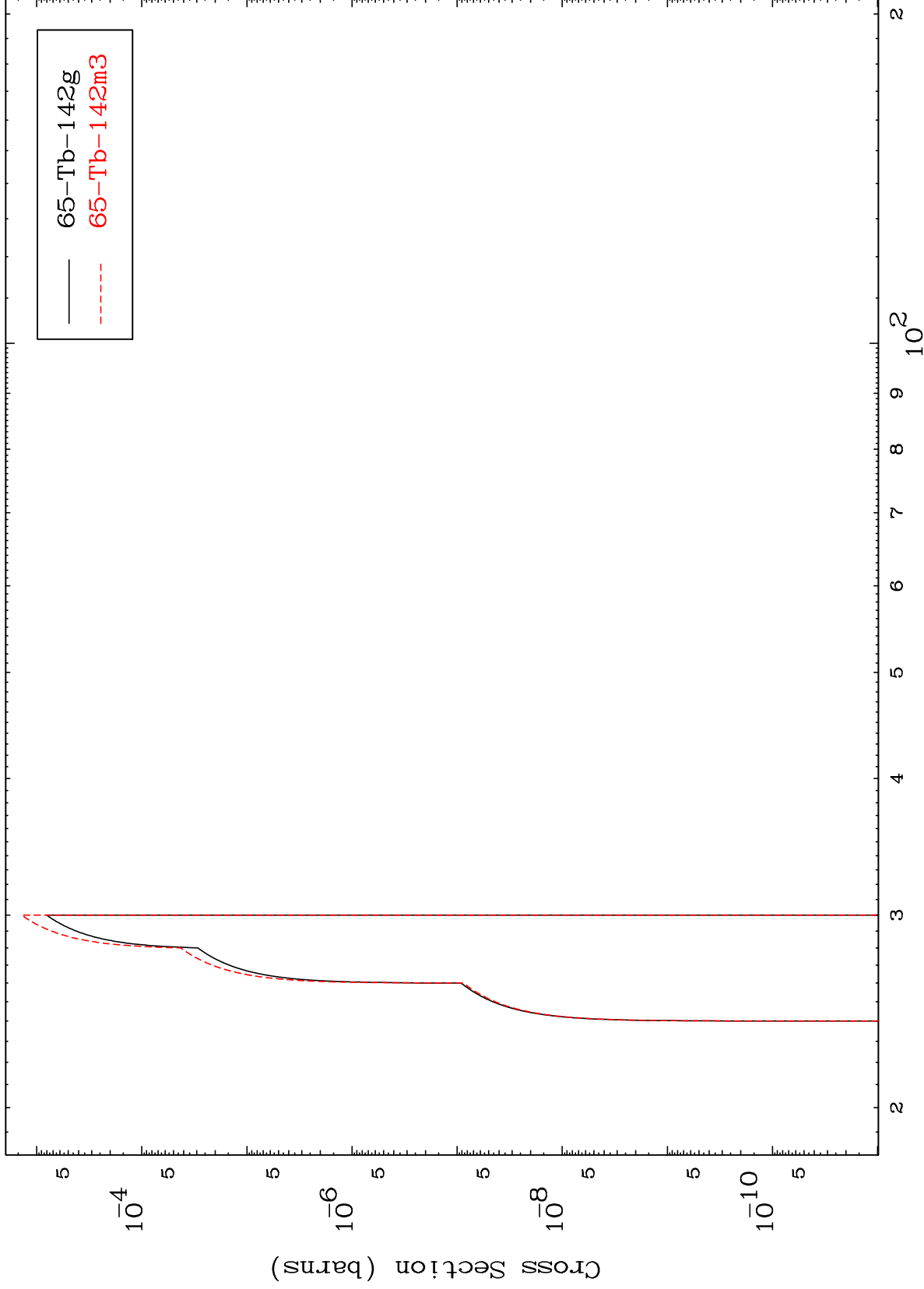


MAT 6471

(n,2n) p

65-Tb-141

Radionuclide Production Cross Section



12

Incident Energy (MeV)

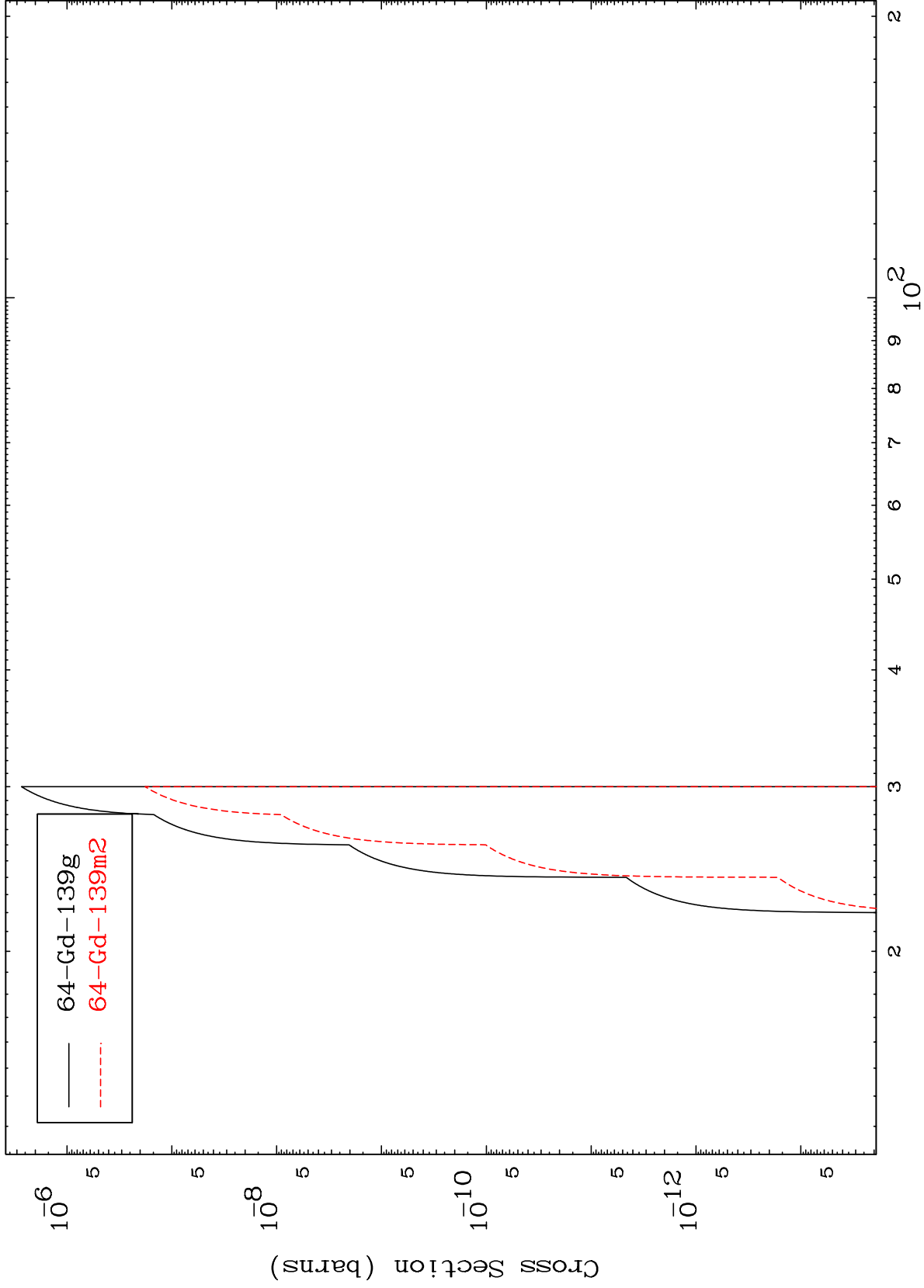
65-Tb-141

MAT 6471

(n,n') p α

65-Tb-141

Radionuclide Production Cross Section



13

Incident Energy (MeV)

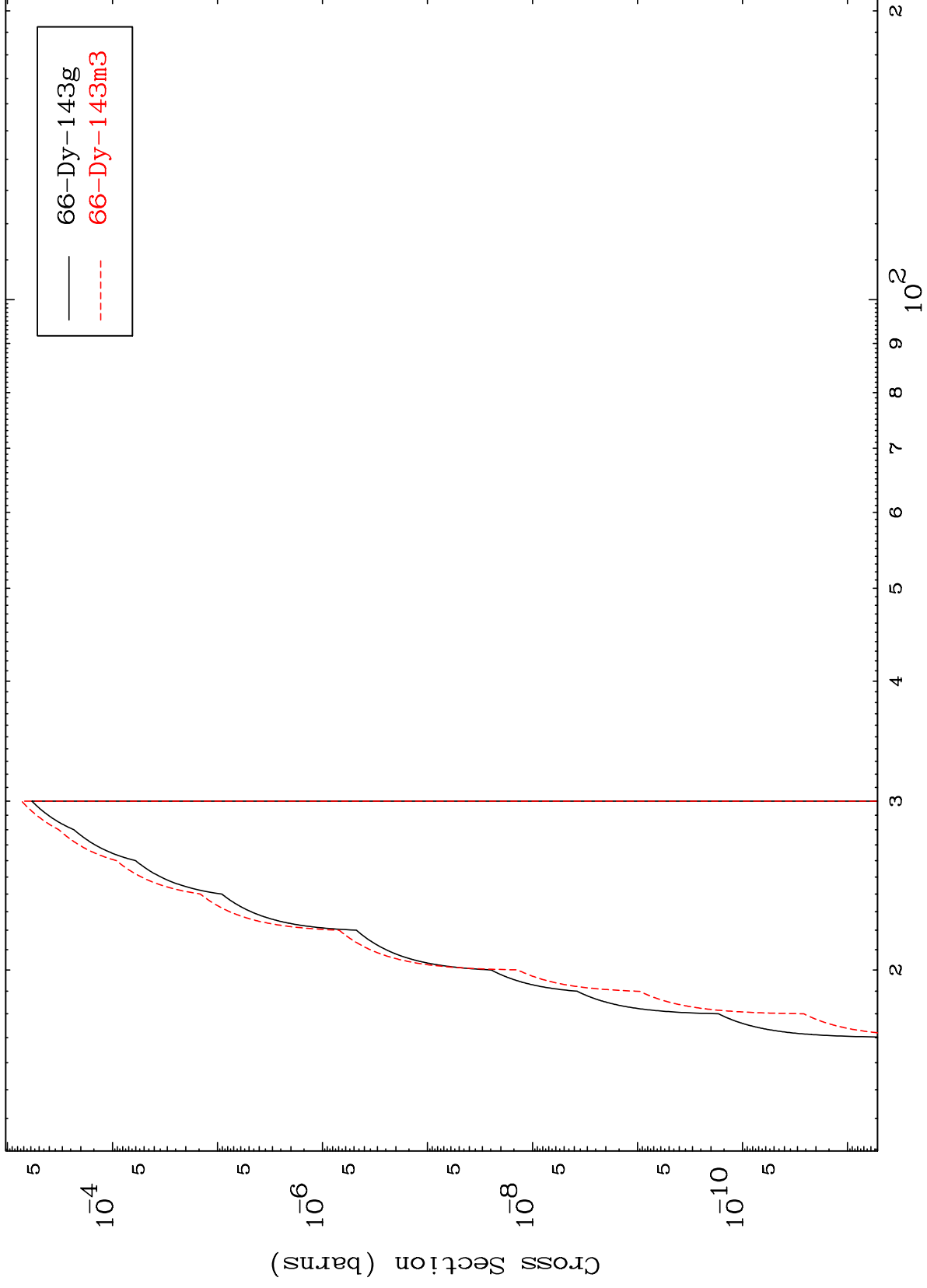
65-Tb-141

MAT 6471

(n,d)

65-Tb-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

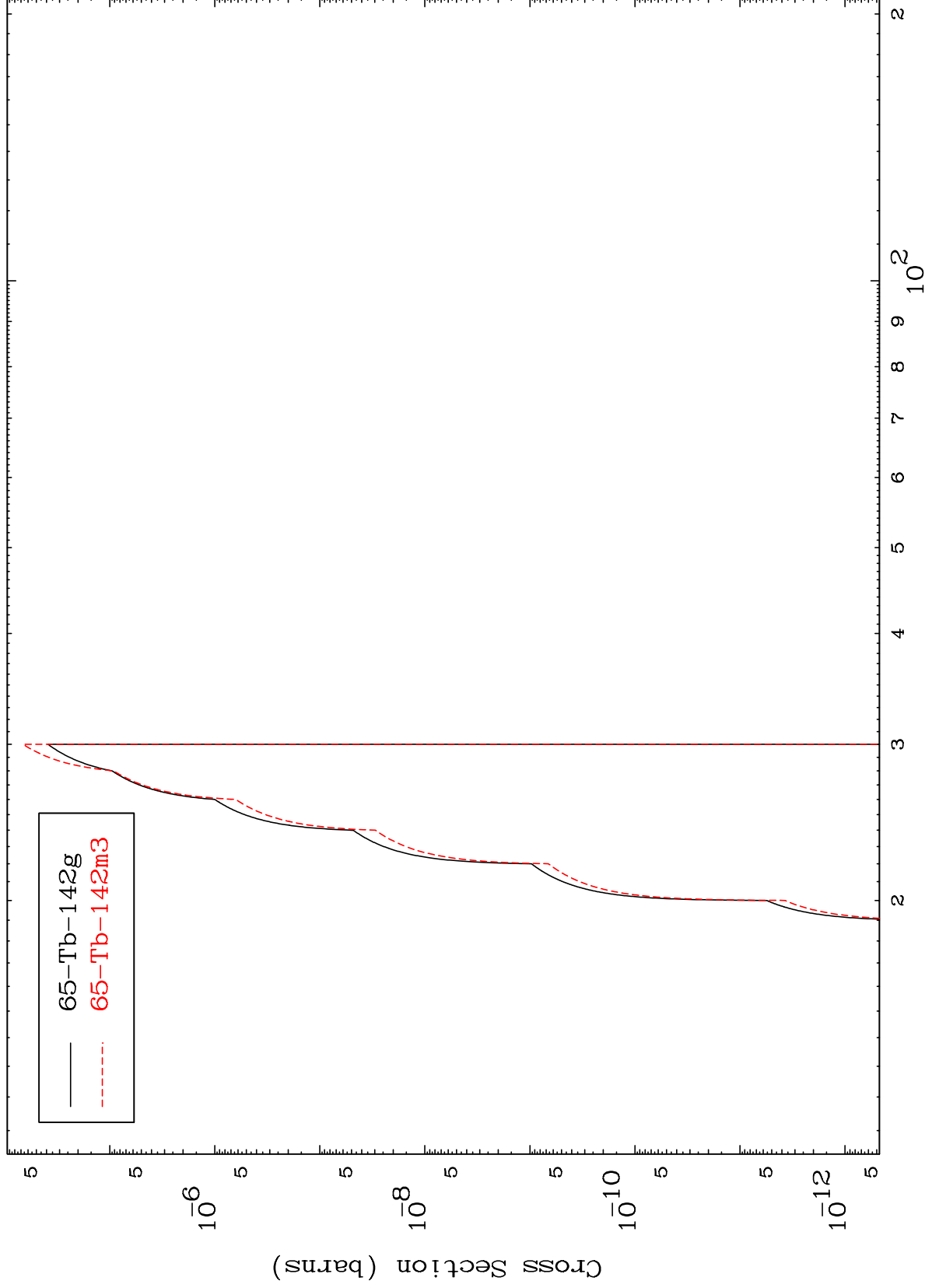
65-Tb-141

MAT 6471

(n,He-3)

65-Tb-141

Radionuclide Production Cross Section



15

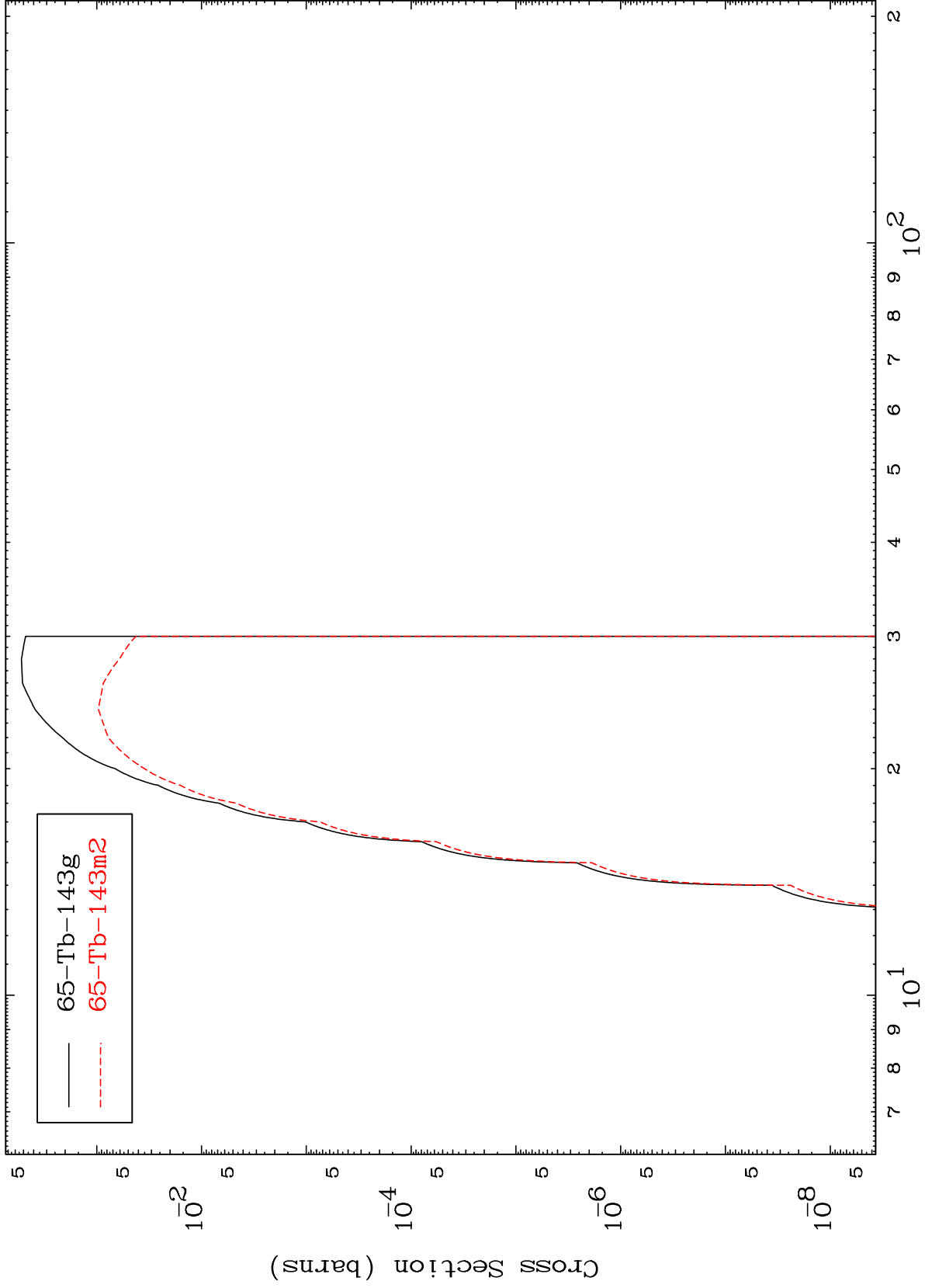
Incident Energy (MeV)

65-Tb-141

MAT 6471

65-Tb-141

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

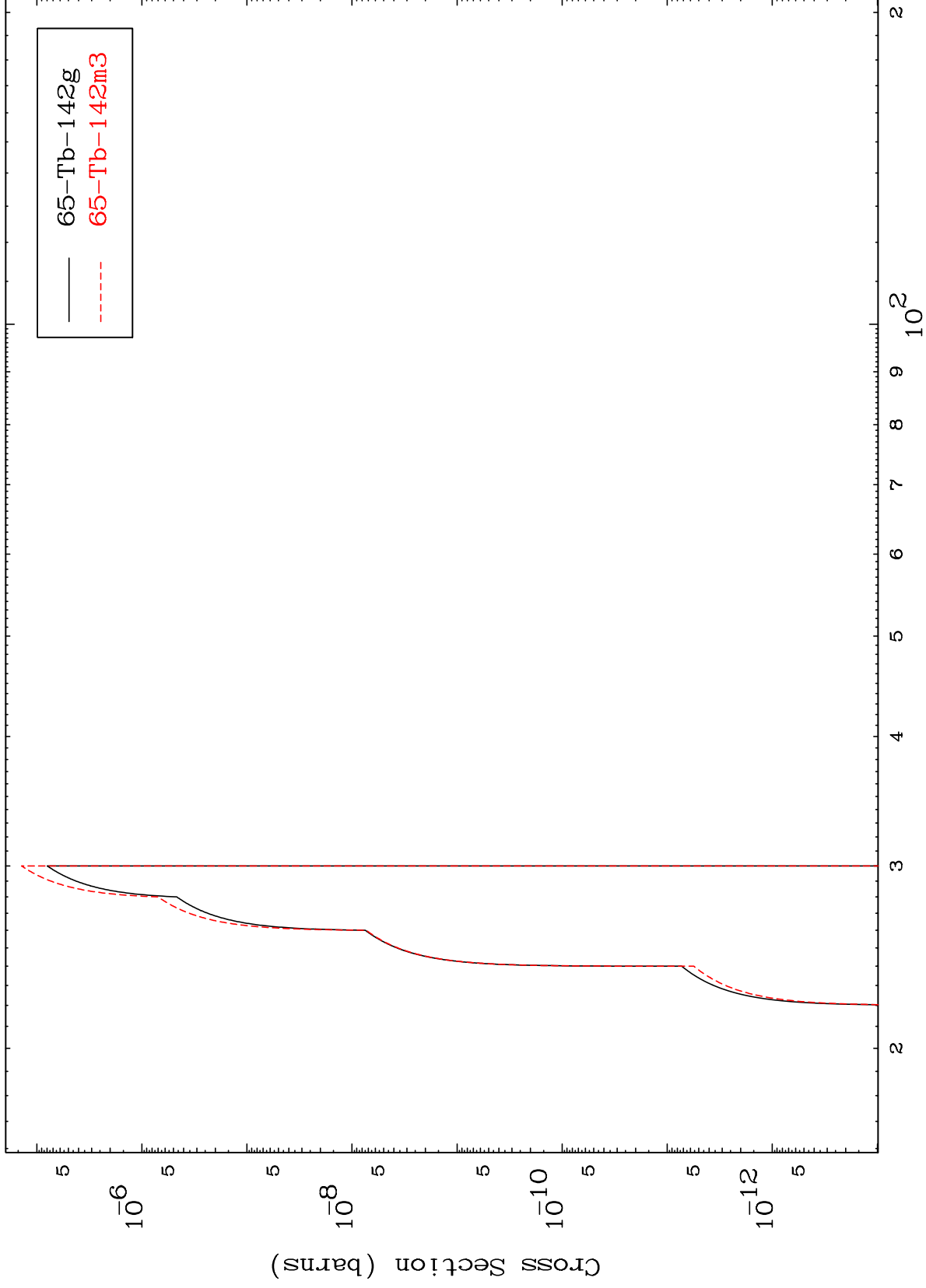
65-Tb-141

MAT 6471

(n,p) d

65-Tb-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

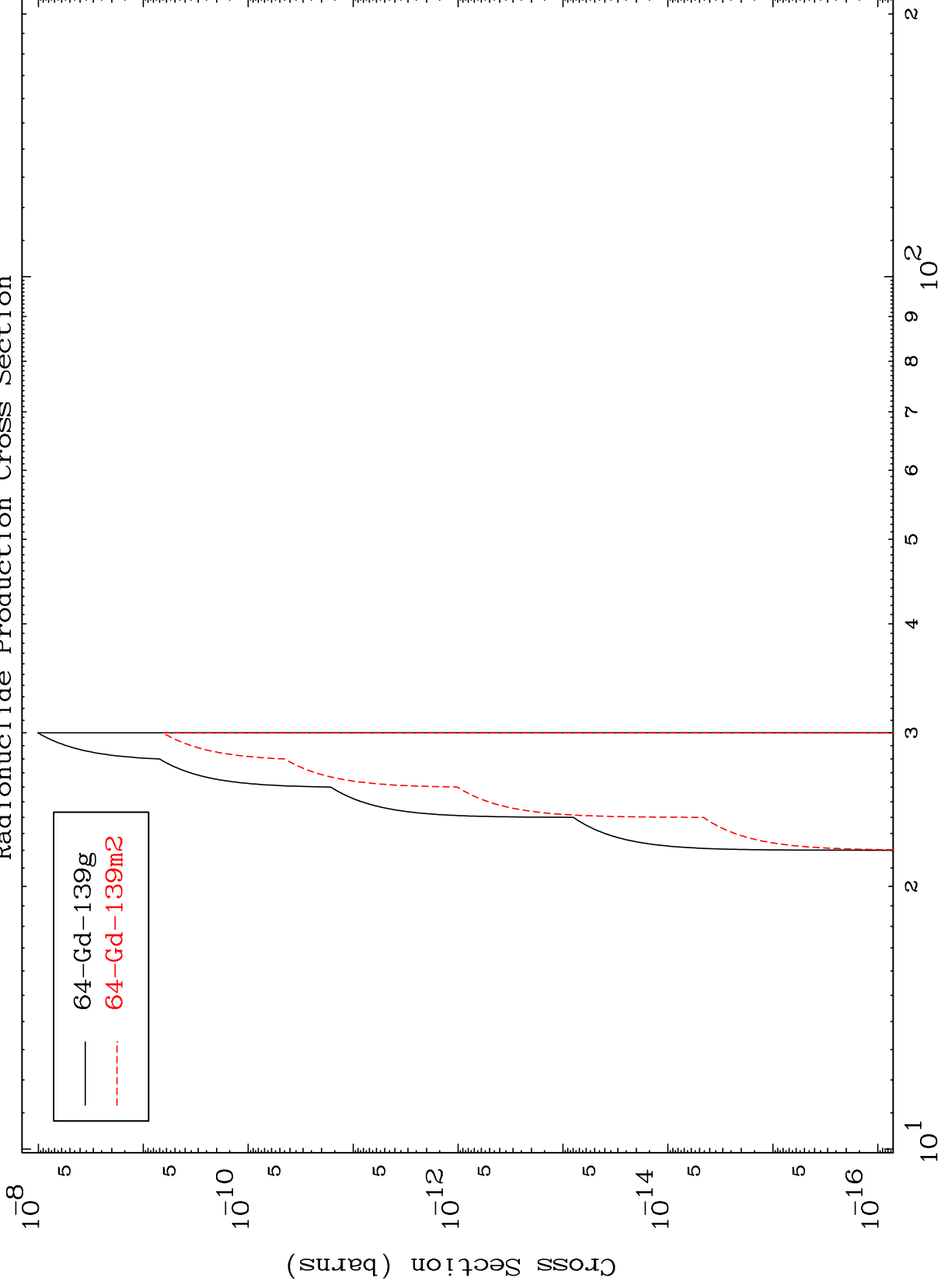
65-Tb-141

MAT 6471

(n,d) α

65-Tb-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

65-Tb-141