

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

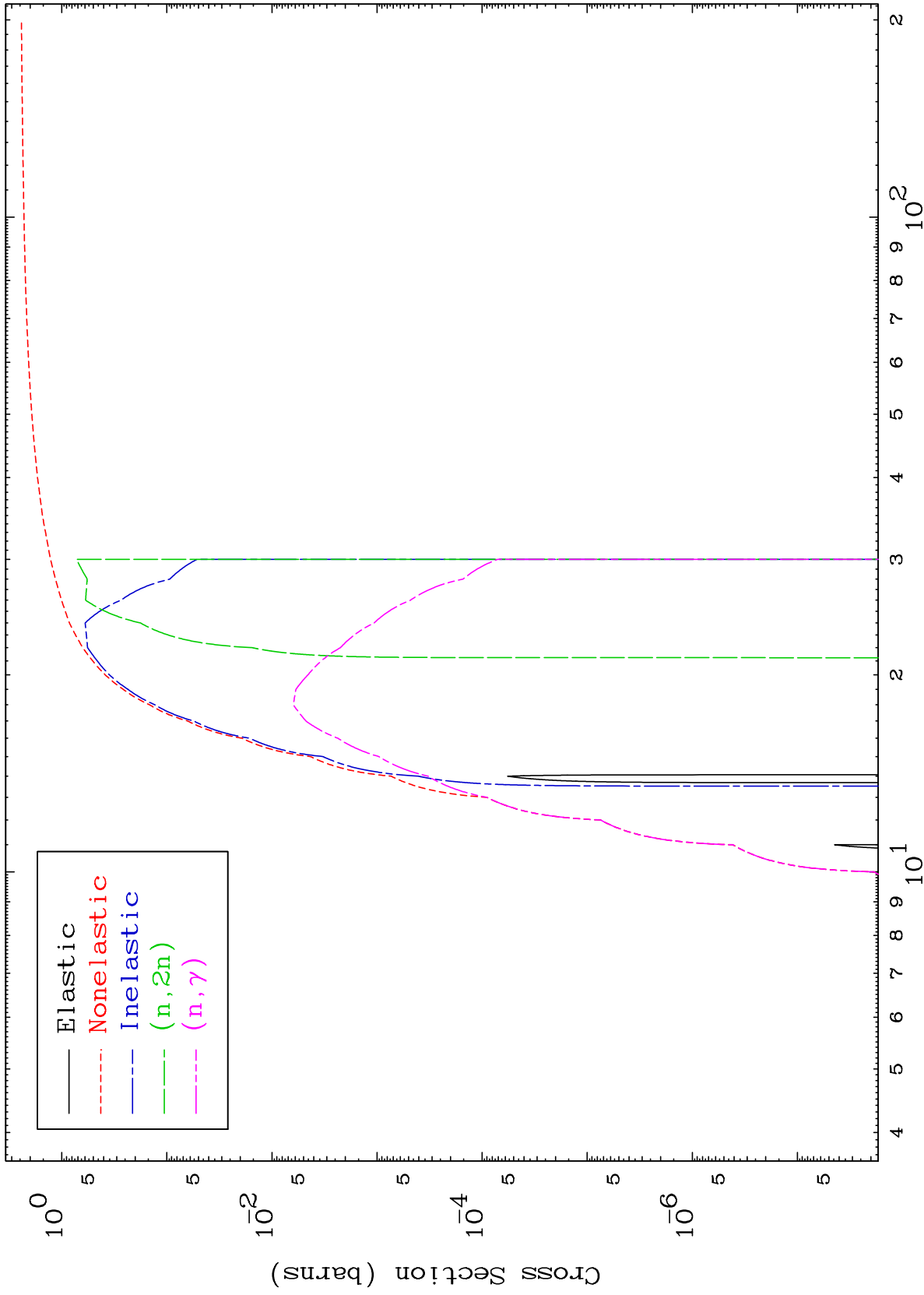
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6413

0 Kelvin α Major
Cross Sections

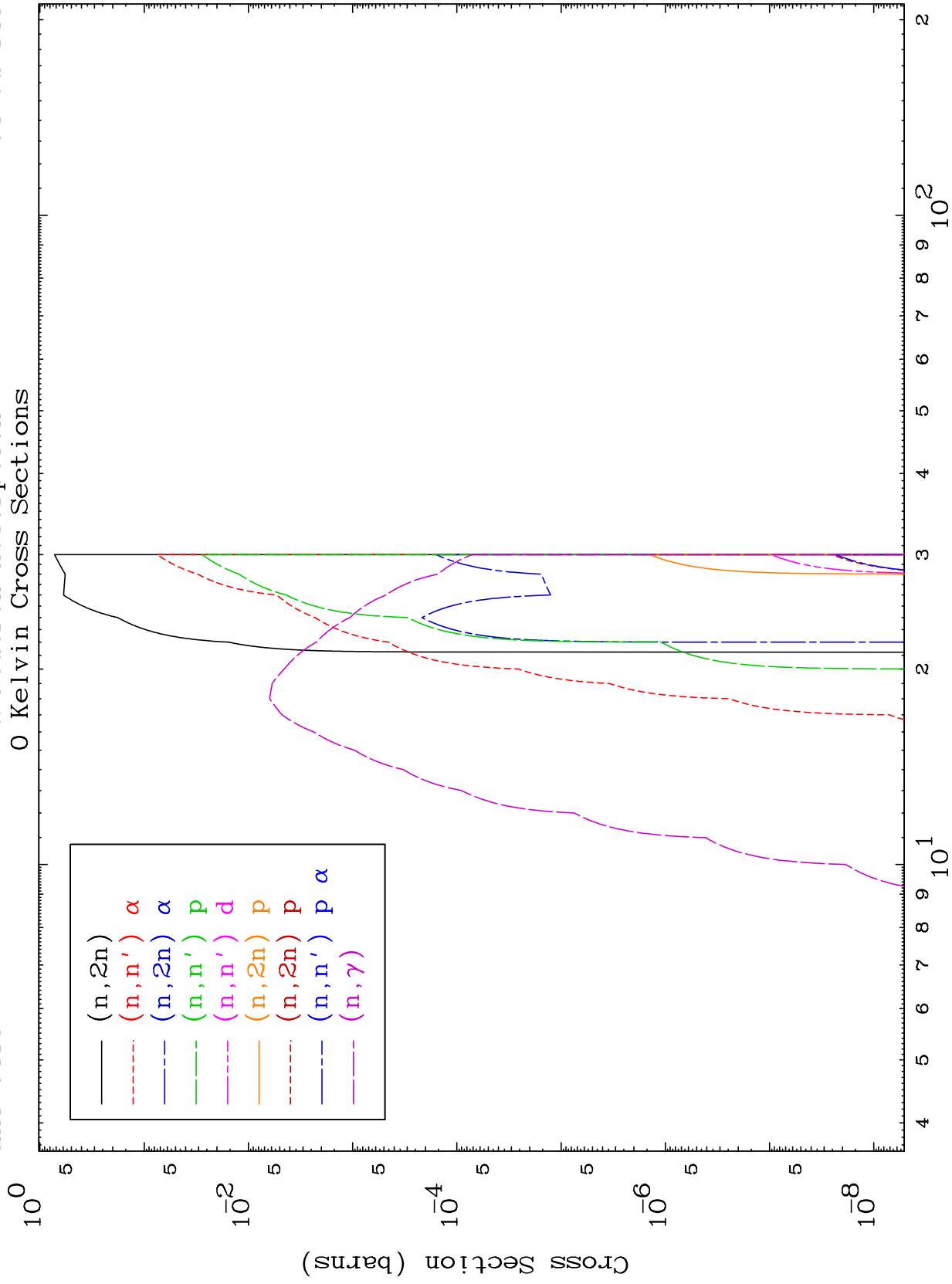
64-Gd-148



MAT 6413

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-148



2

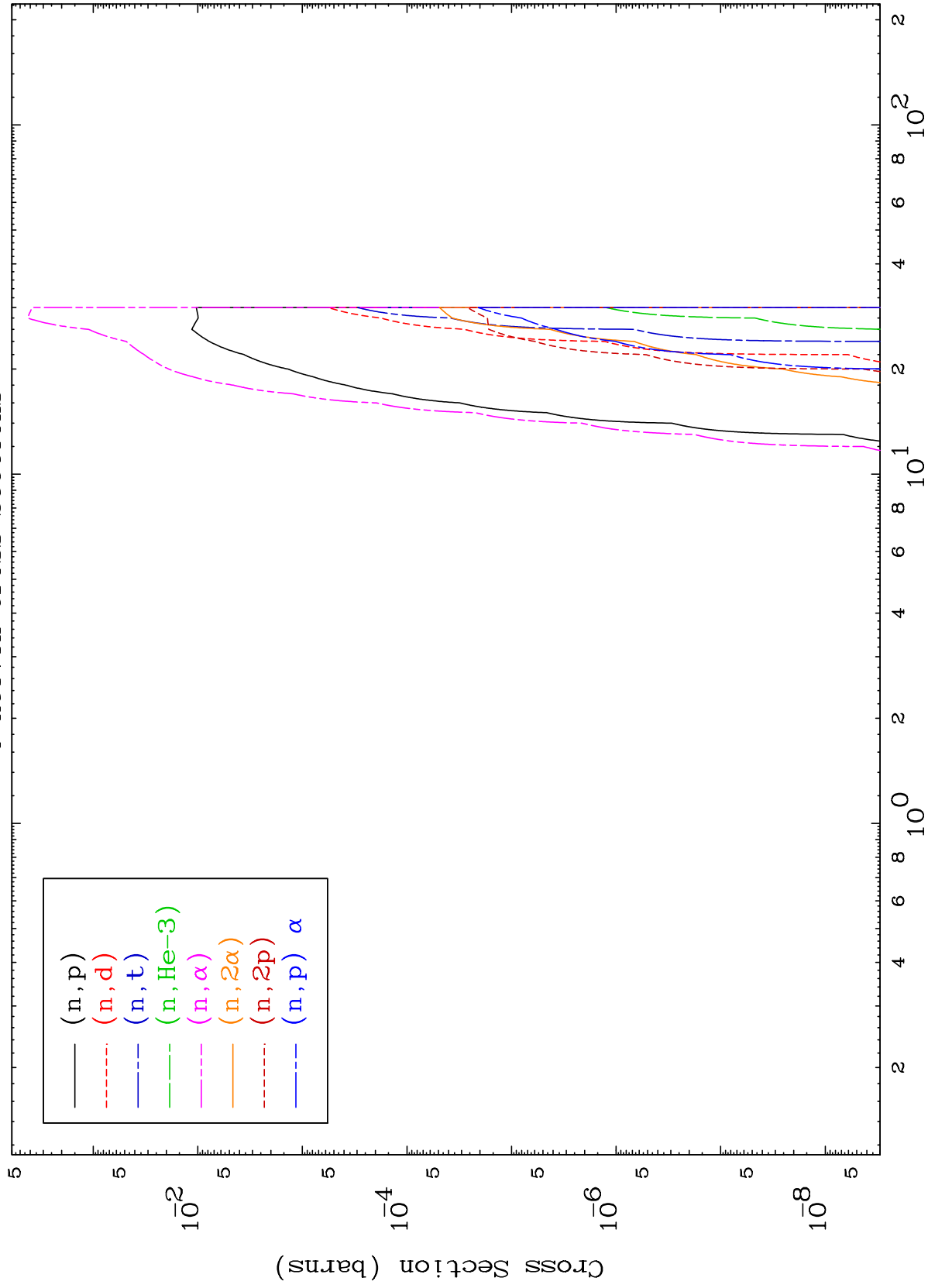
Incident Energy (MeV)

64-Gd-148

MAT 6413

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-148



3

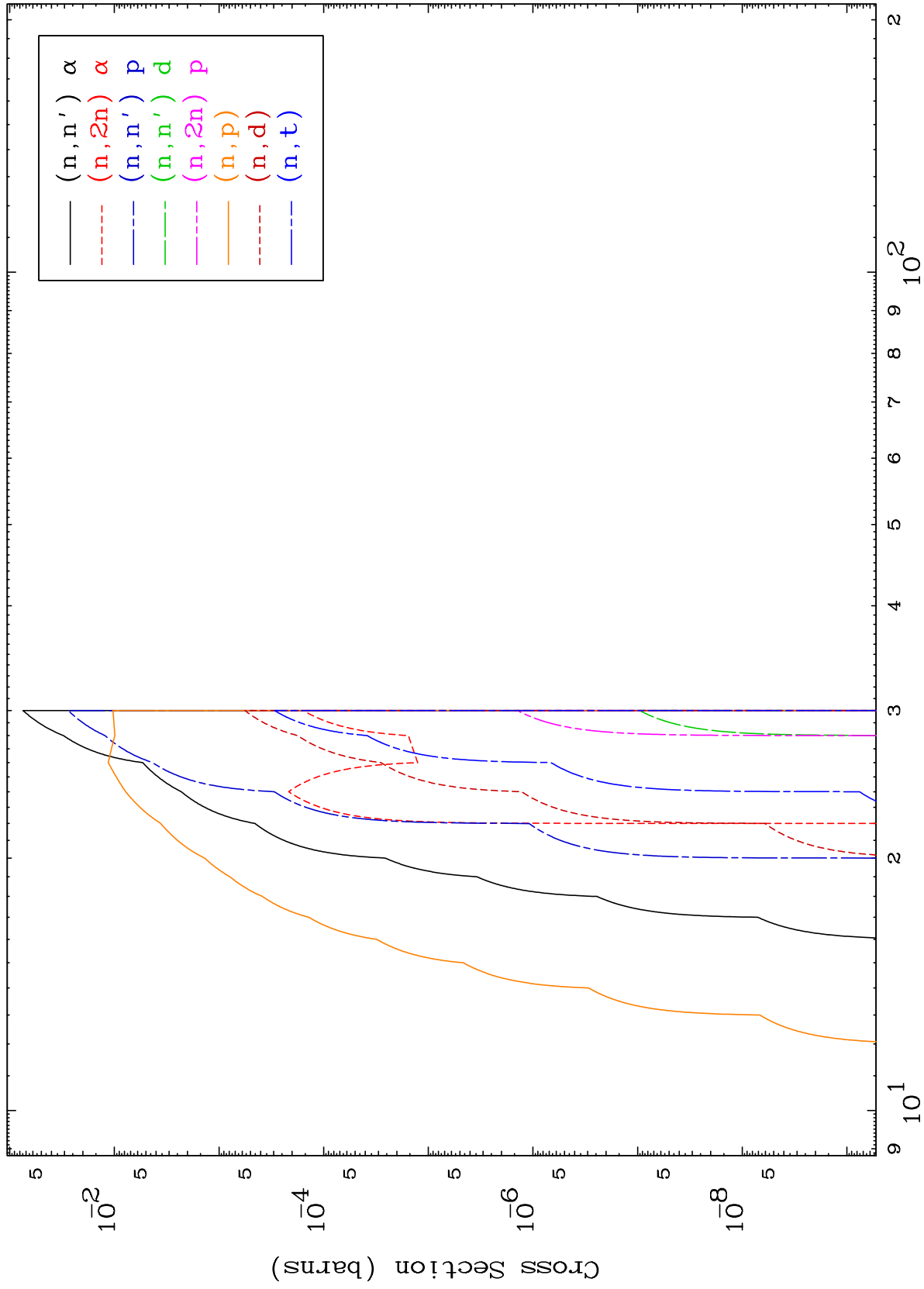
Incident Energy (MeV)

64-Gd-148

MAT 6413

α Charged Particle
0 Kelvin Cross Sections

64-Gd-148



4

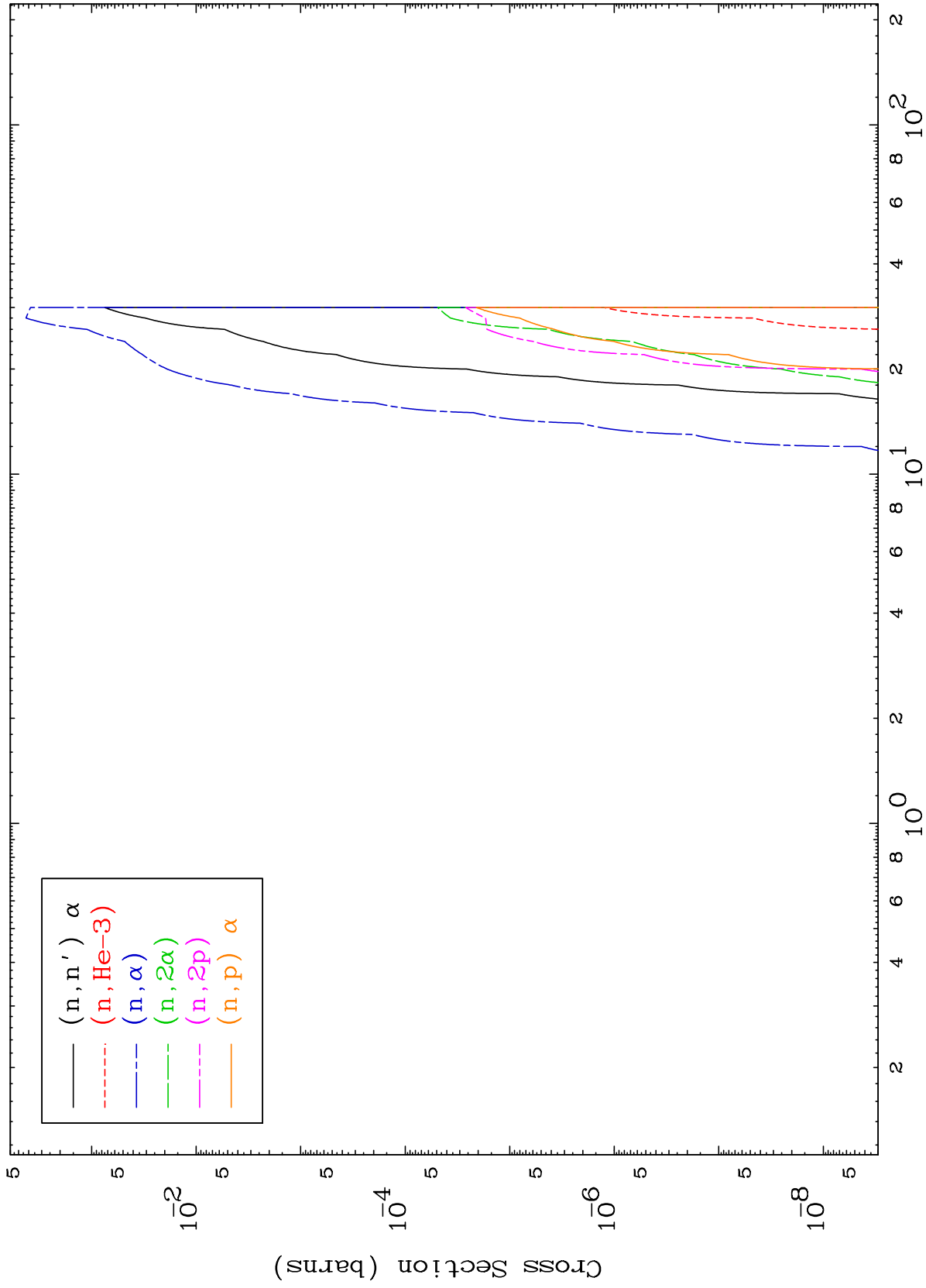
Incident Energy (MeV)

64-Gd-148

MAT 6413

α Charged Particle
0 Kelvin Cross Sections

64-Gd-148



5

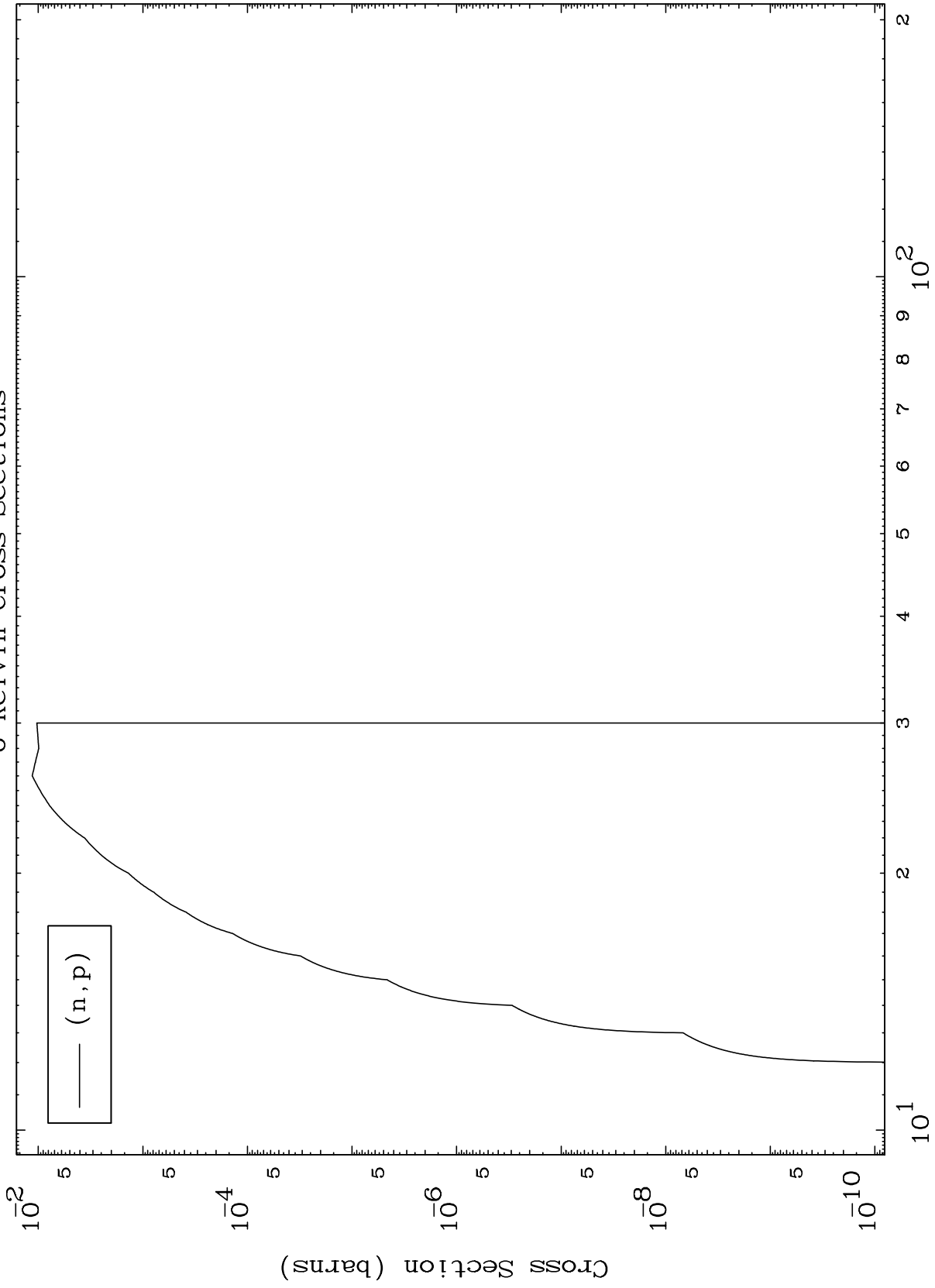
Incident Energy (MeV)

64-Gd-148

MAT 6413

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-148



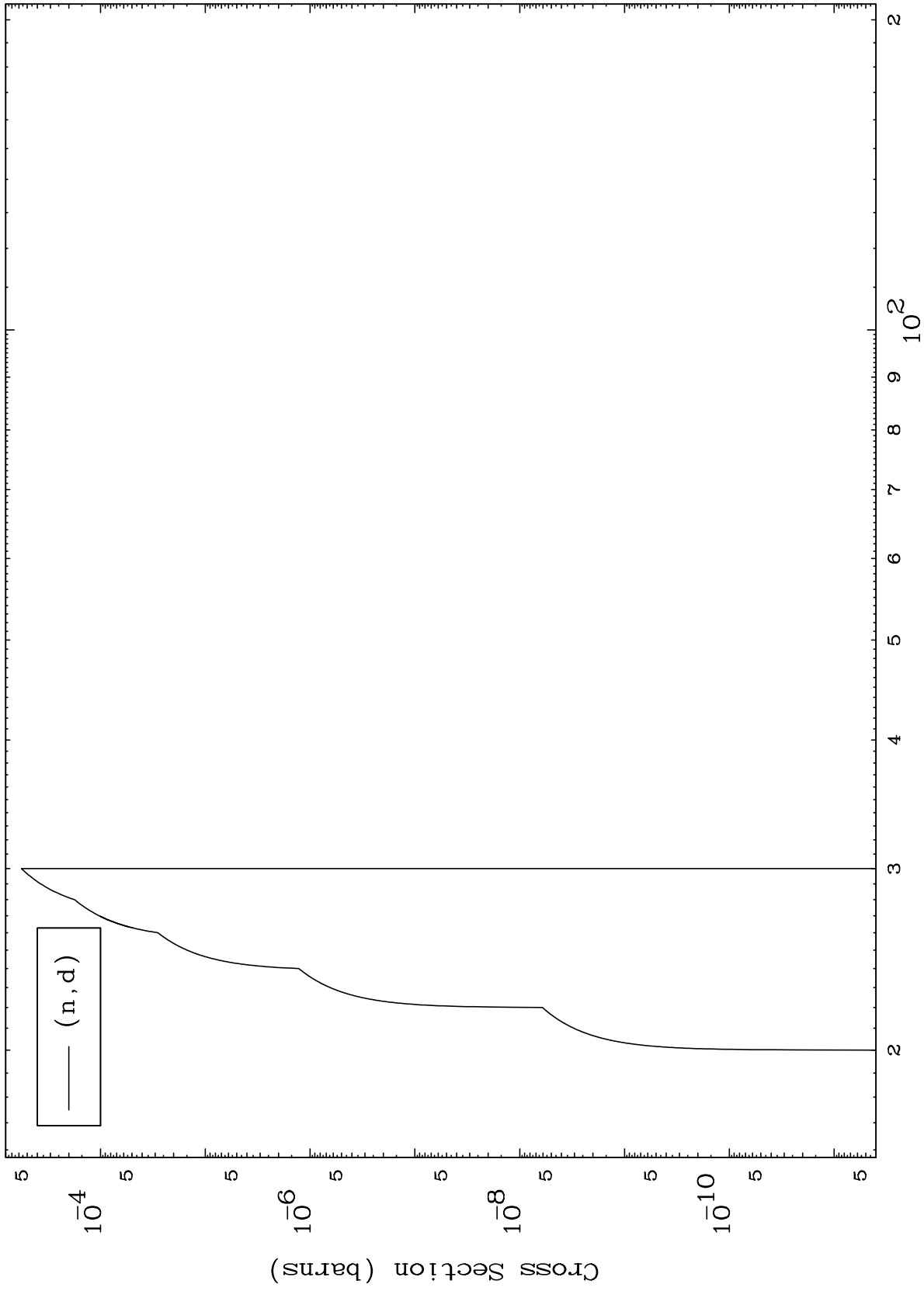
Incident Energy (MeV)

64-Gd-148

MAT 6413

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-148



7

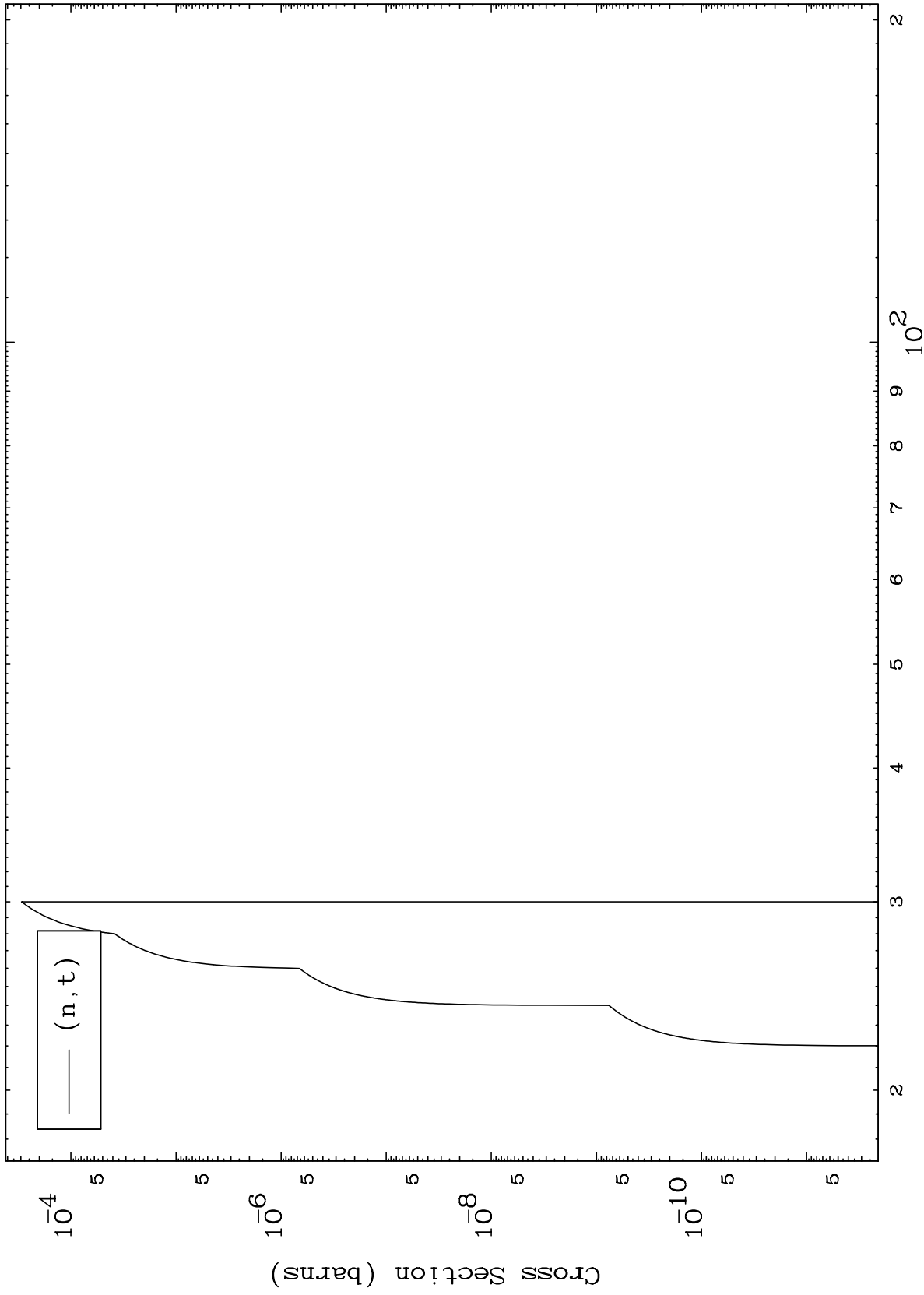
Incident Energy (MeV)

64-Gd-148

MAT 6413

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-148



8

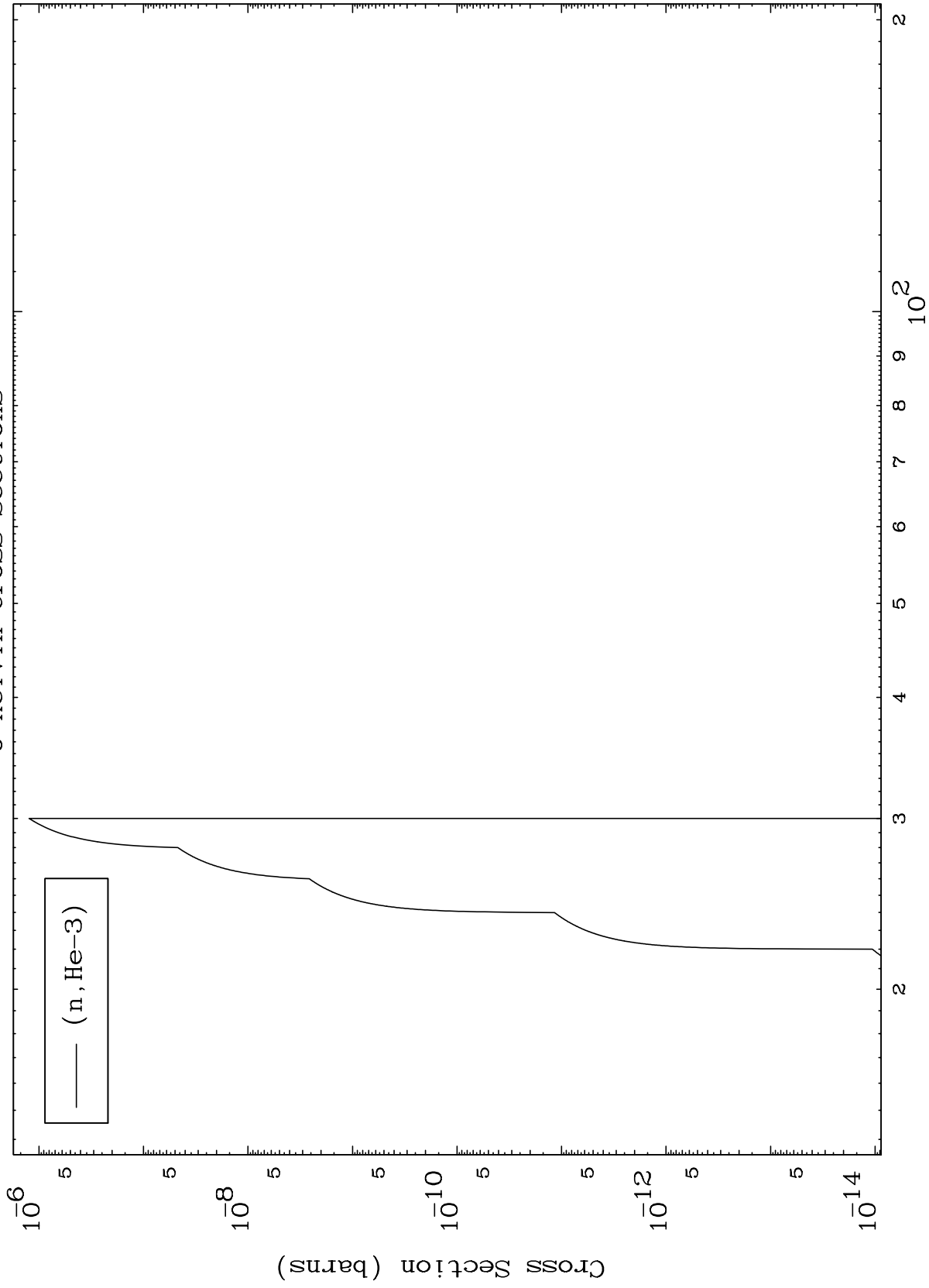
Incident Energy (MeV)

64-Gd-148

MAT 6413

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

64-Gd-148



9

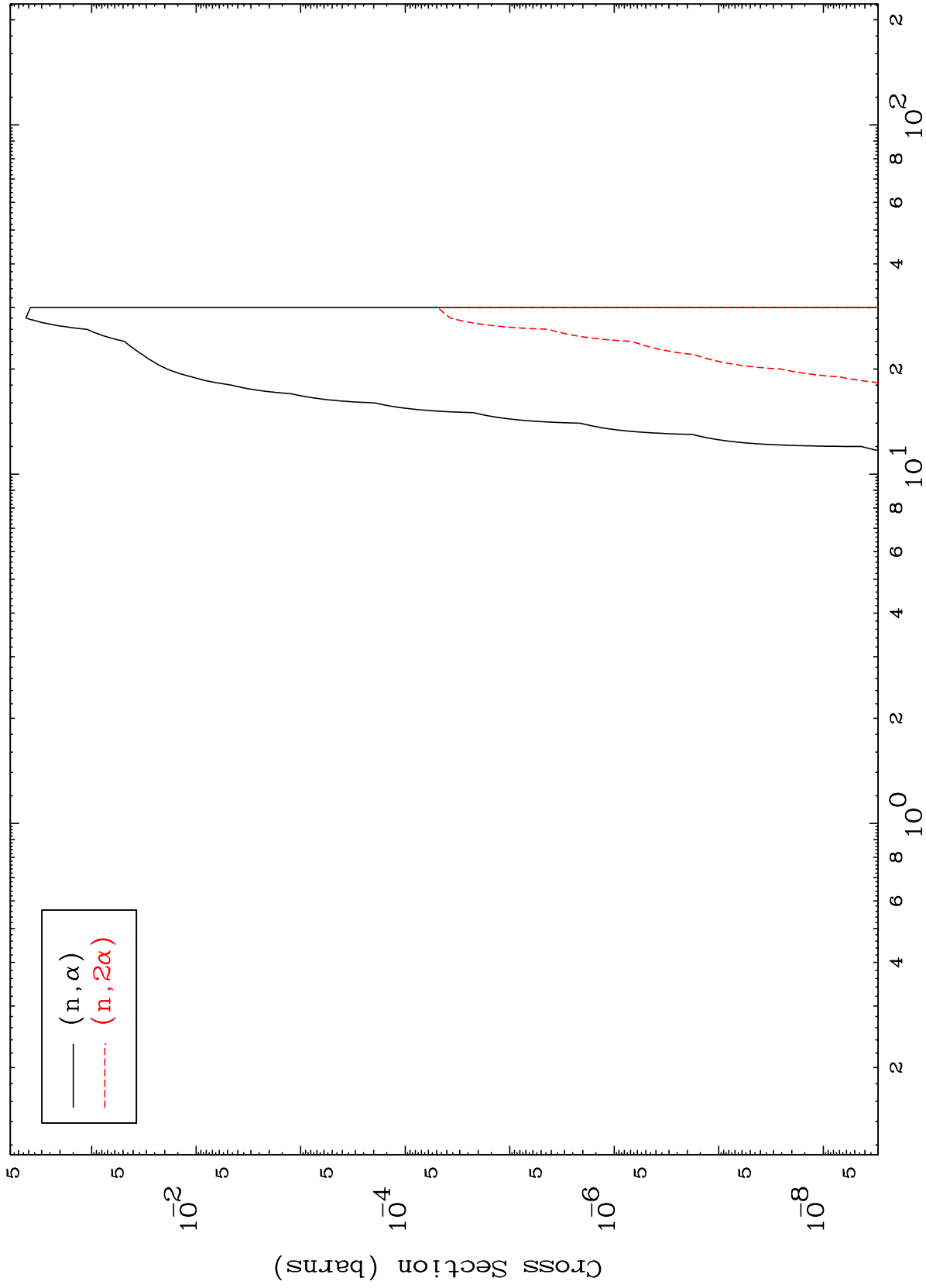
Incident Energy (MeV)

64-Gd-148

MAT 6413

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-148



10

Incident Energy (MeV)

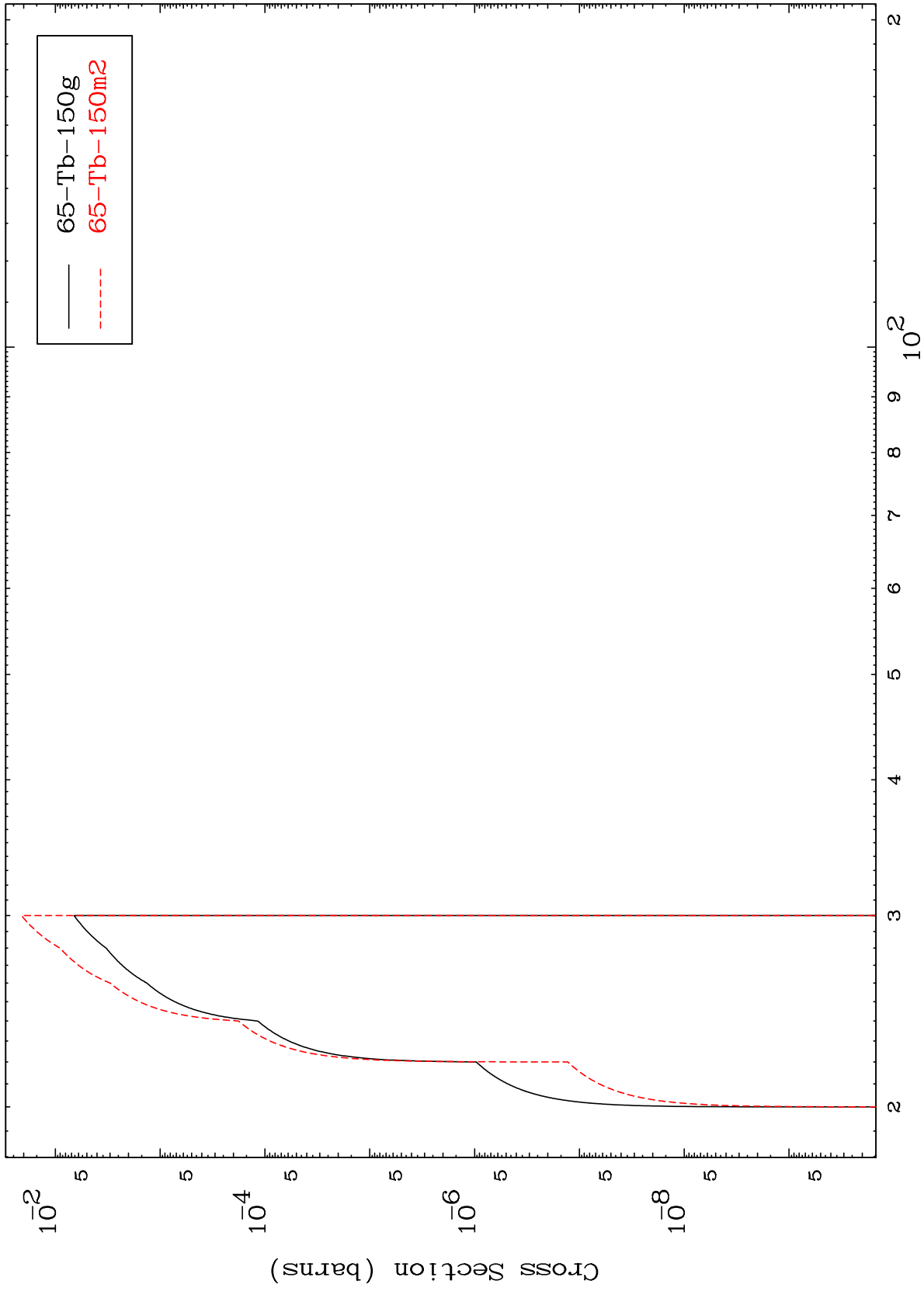
64-Gd-148

MAT 6413

(n,n') p

64-Gd-148

Radionuclide Production Cross Section



11

Incident Energy (MeV)

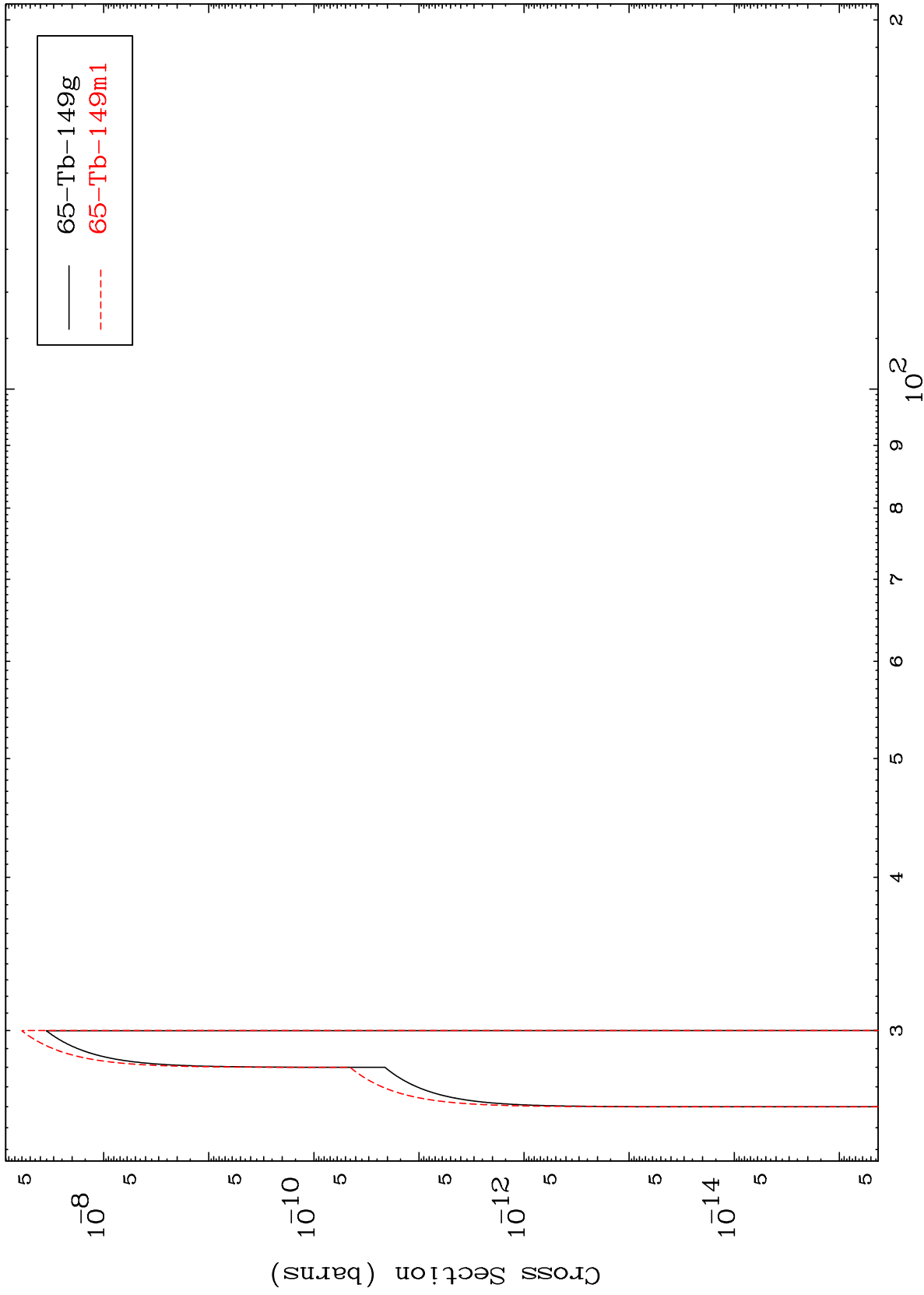
64-Gd-148

MAT 6413

(n,n') d

64-Gd-148

Radionuclide Production Cross Section



12

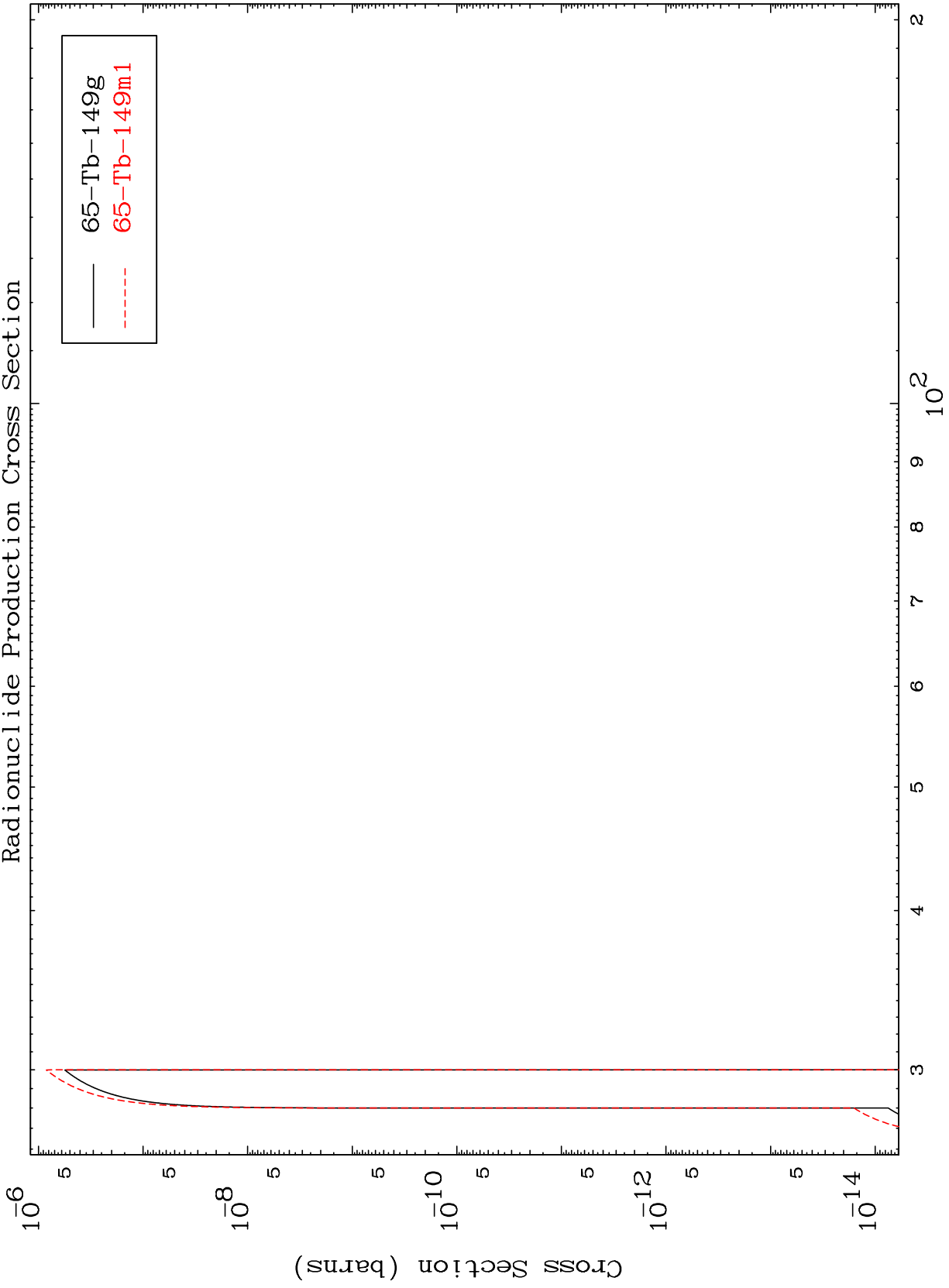
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

(n,2n) p
Radionuclide Production Cross Section



13

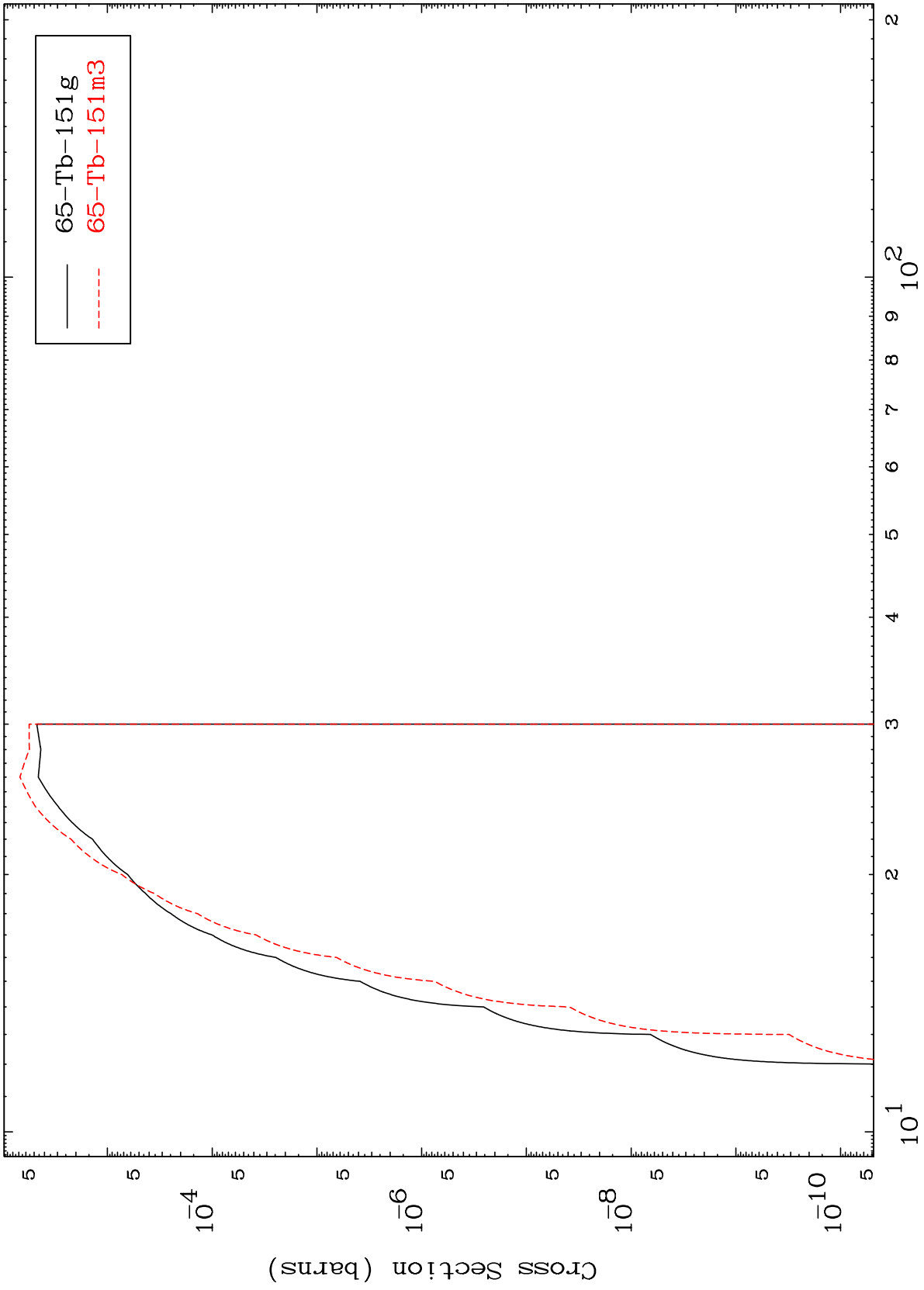
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

(n,p)
Radionuclide Production Cross Section



14

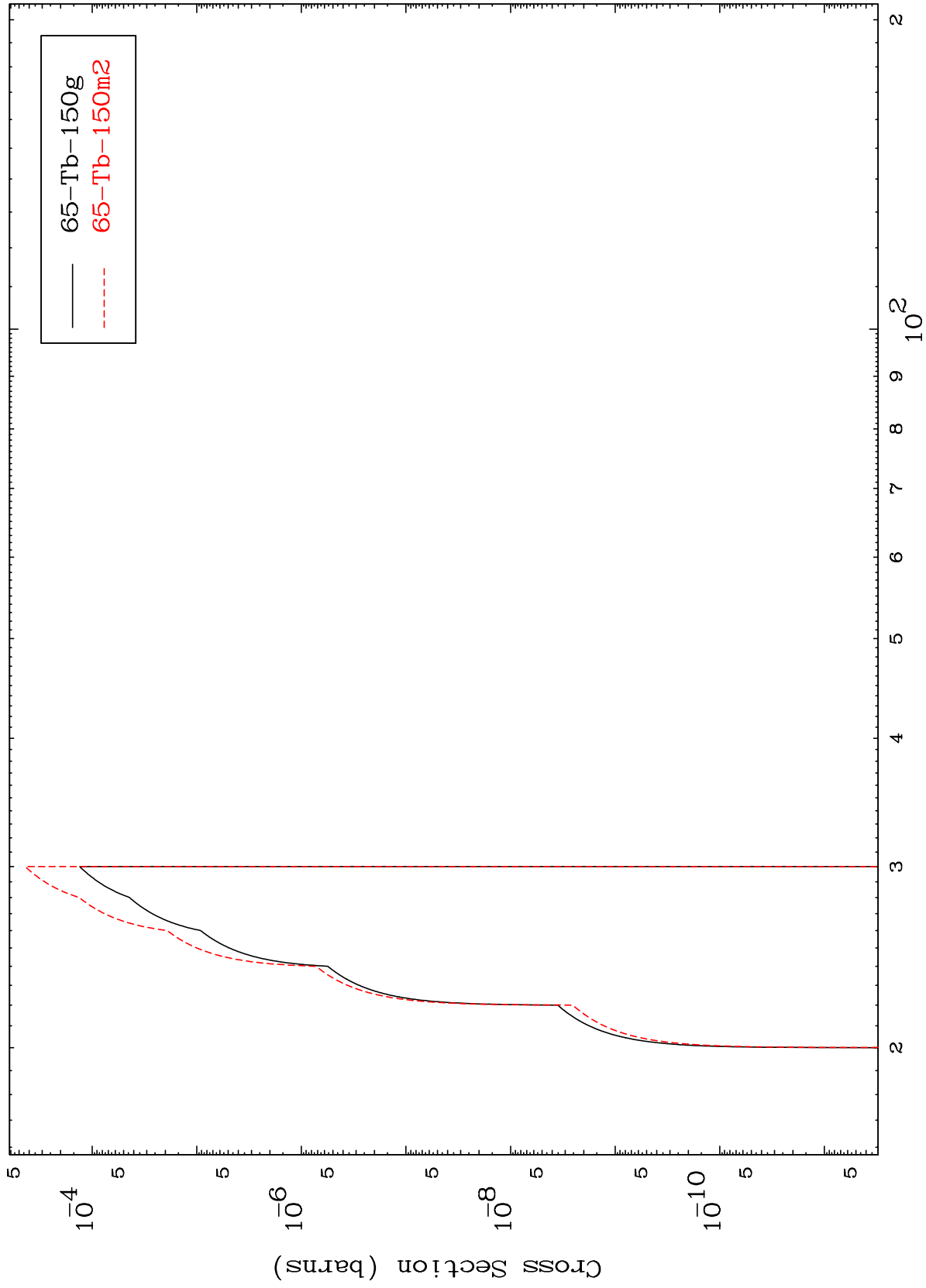
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

(n,d)
Radionuclide Production Cross Section



15

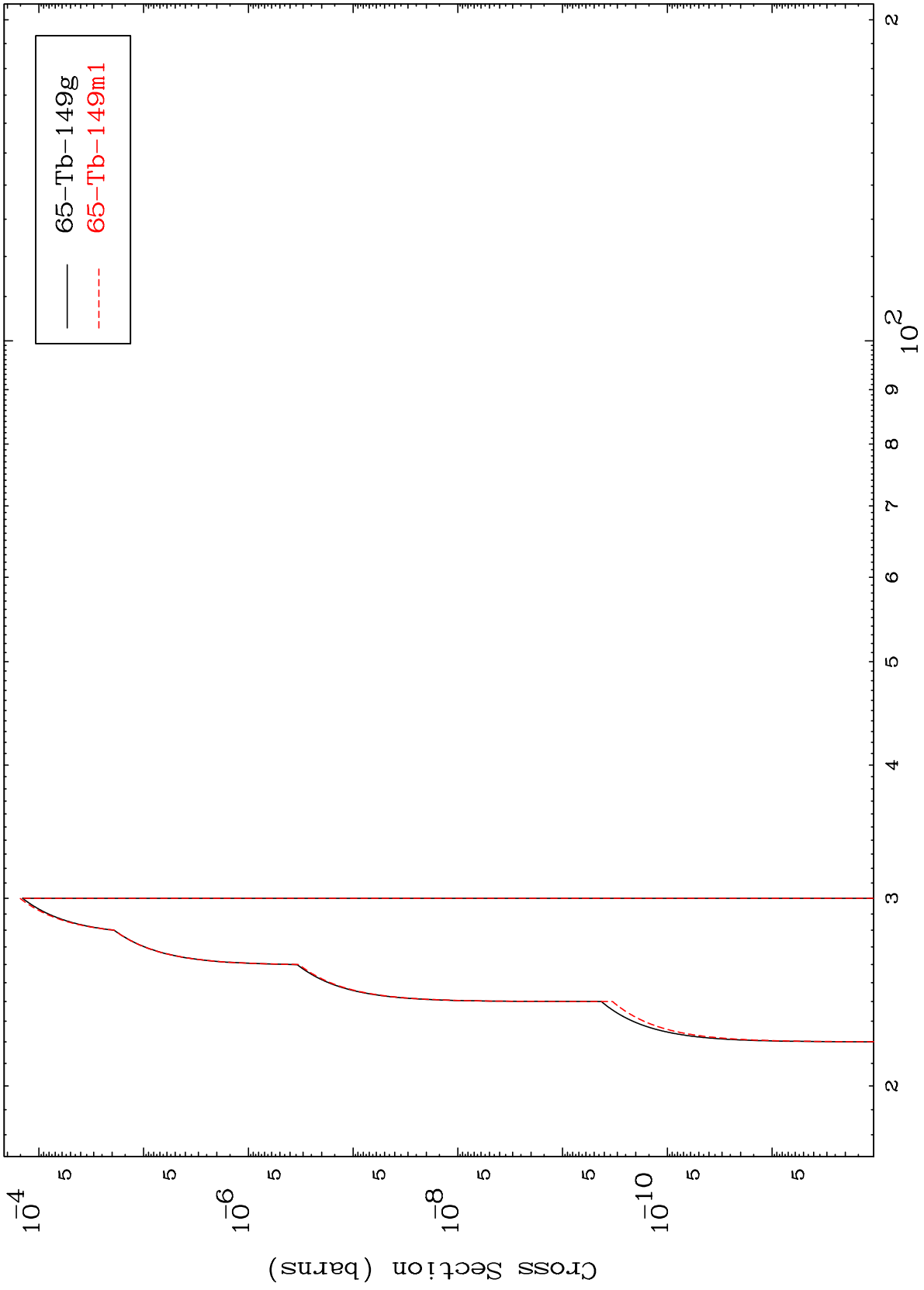
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

(n, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

64-Gd-148