

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

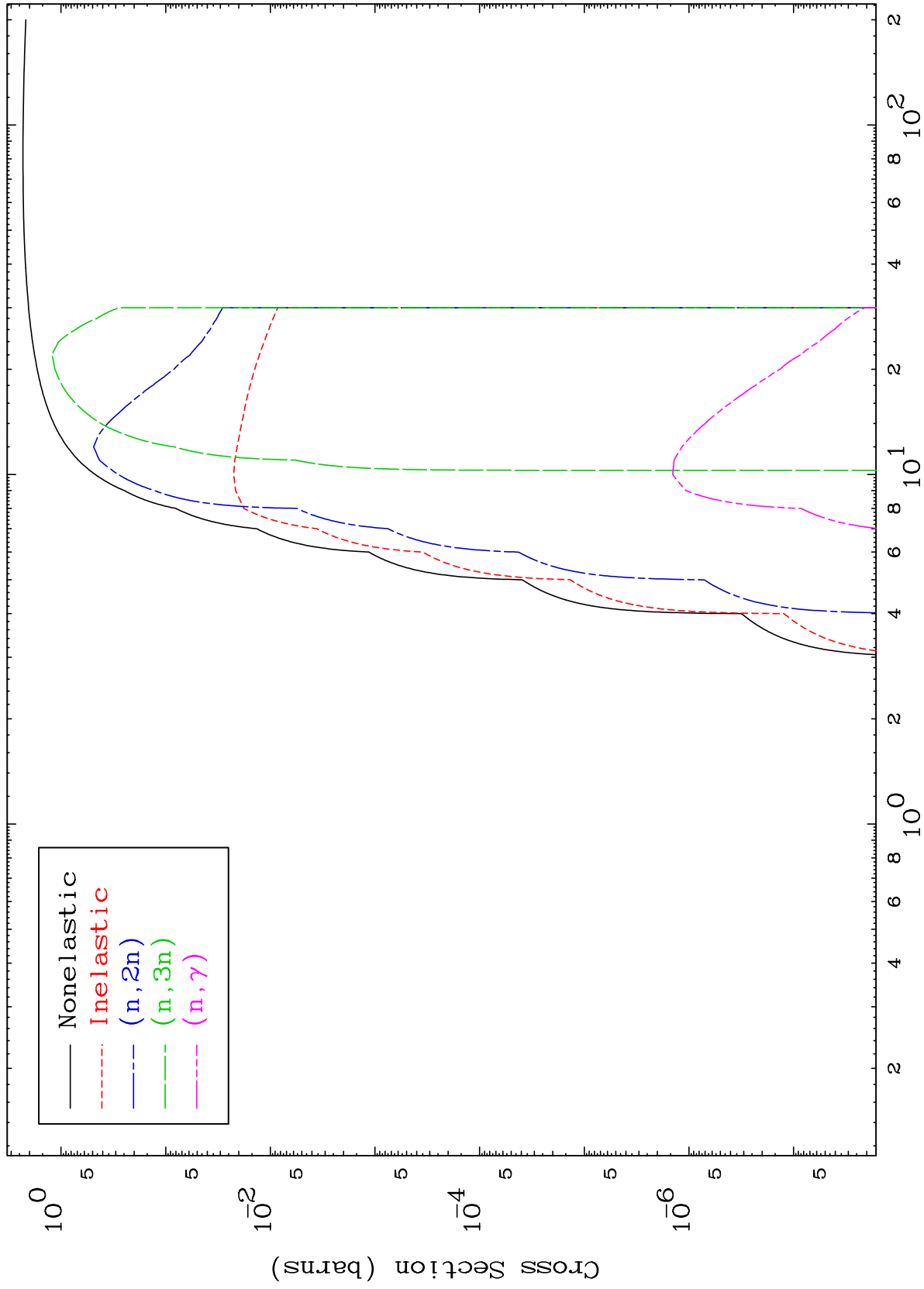
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6434

Triton Major
0 Kelvin Cross Sections

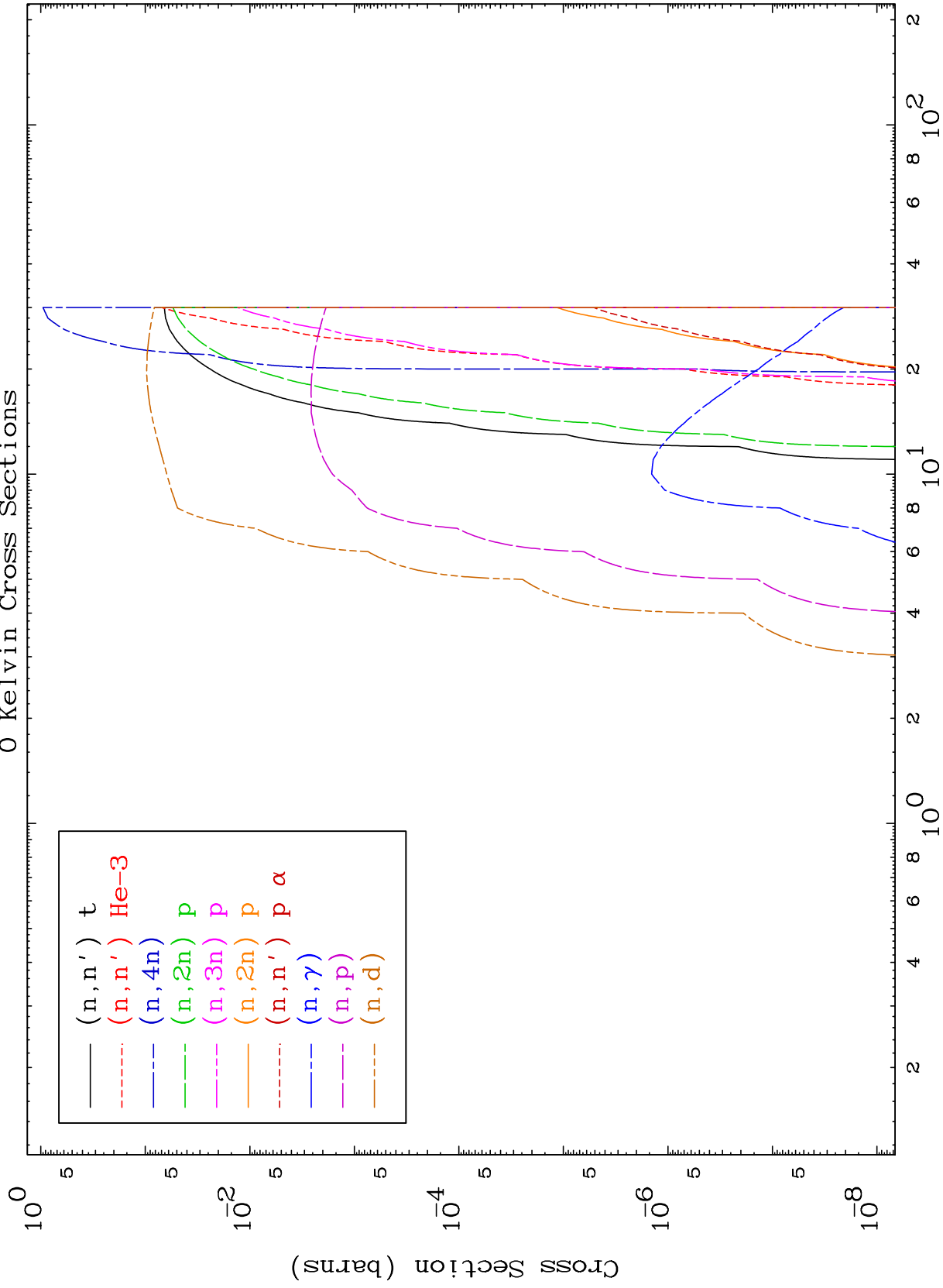
64-Gd-155



MAT 6434

Triton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-155



3

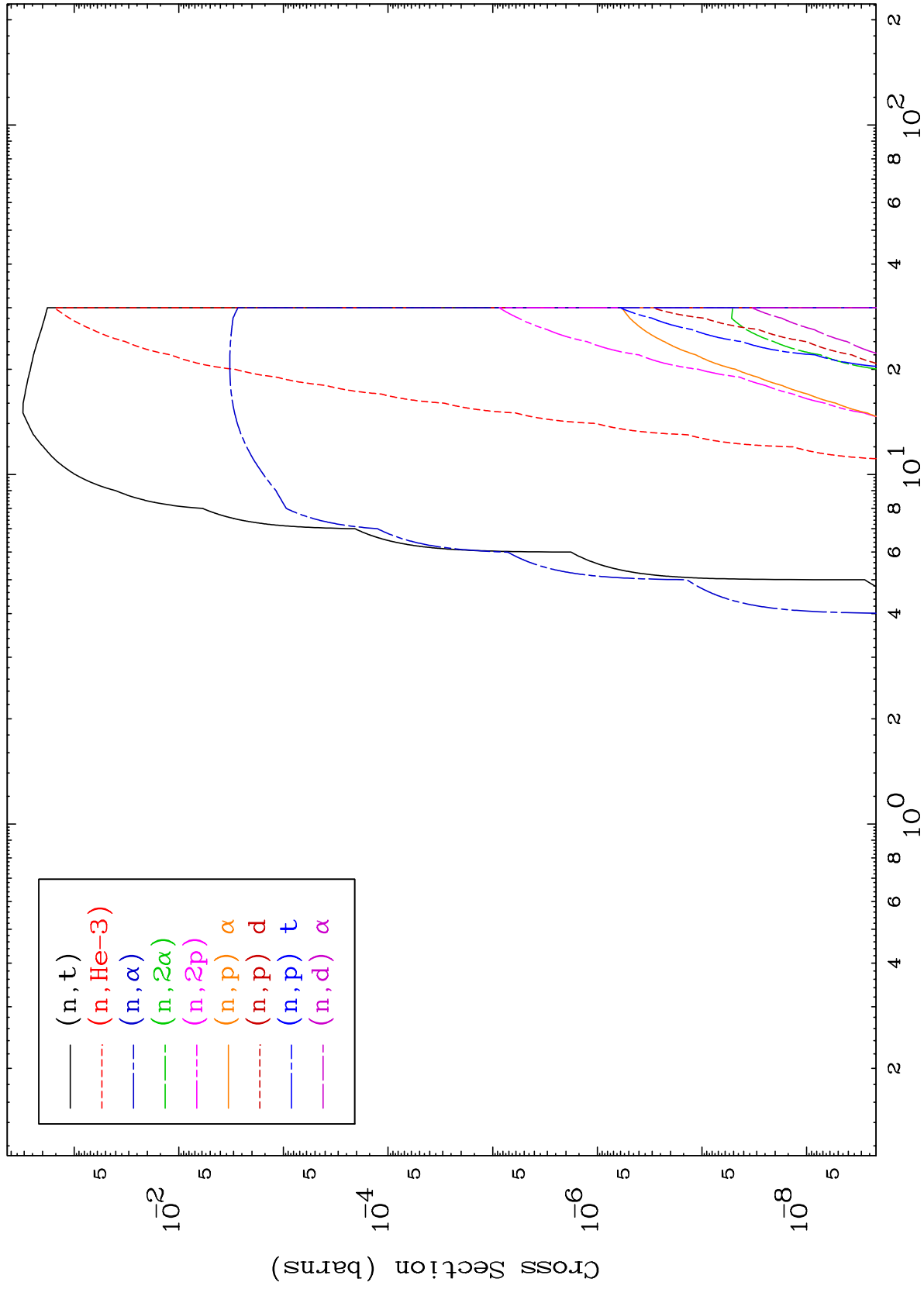
Incident Energy (MeV)

64-Gd-155

MAT 6434

Triton Neutron Absorption
0 Kelvin Cross Sections

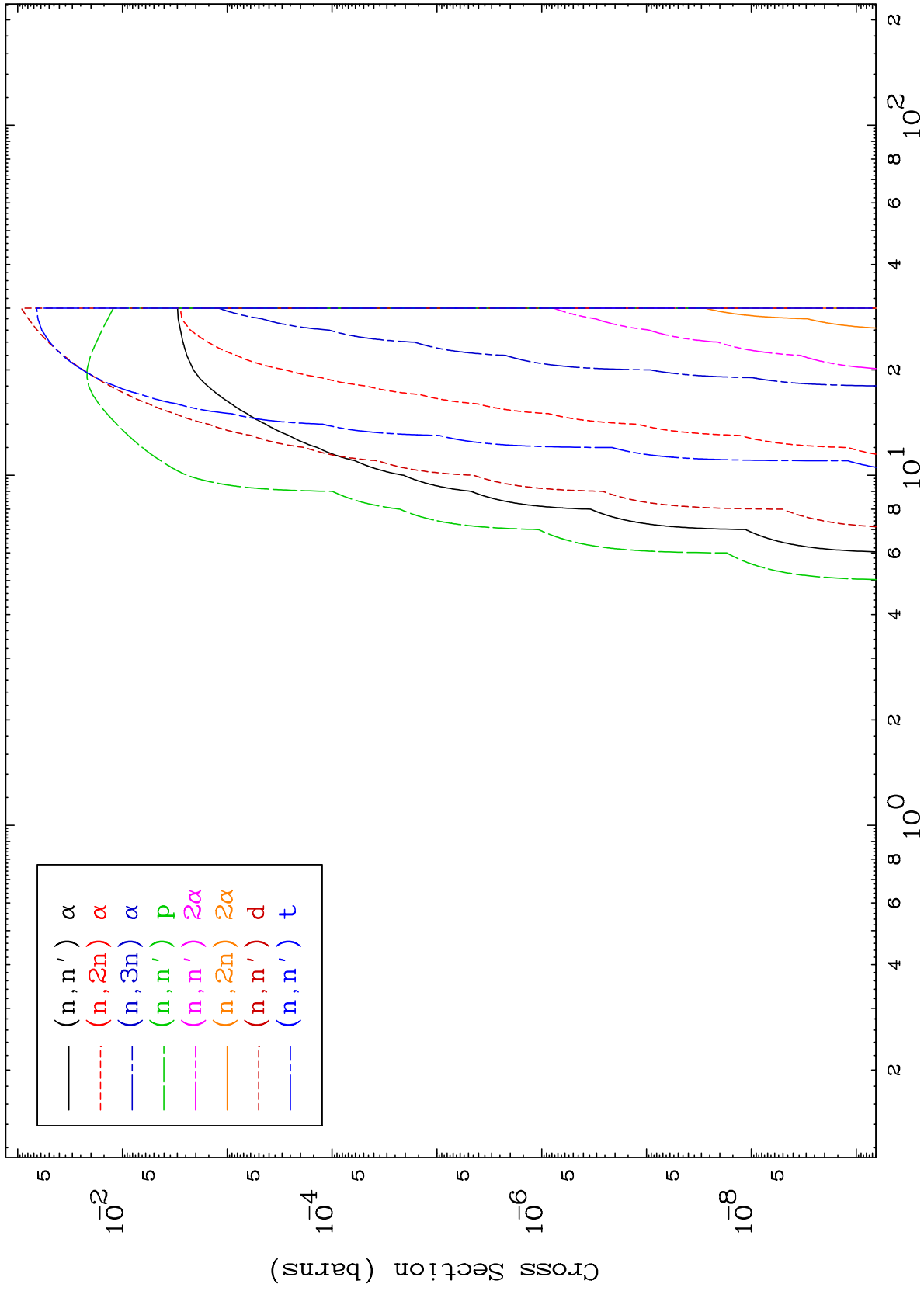
64-Gd-155



MAT 6434

Triton Charged Particle
0 Kelvin Cross Sections

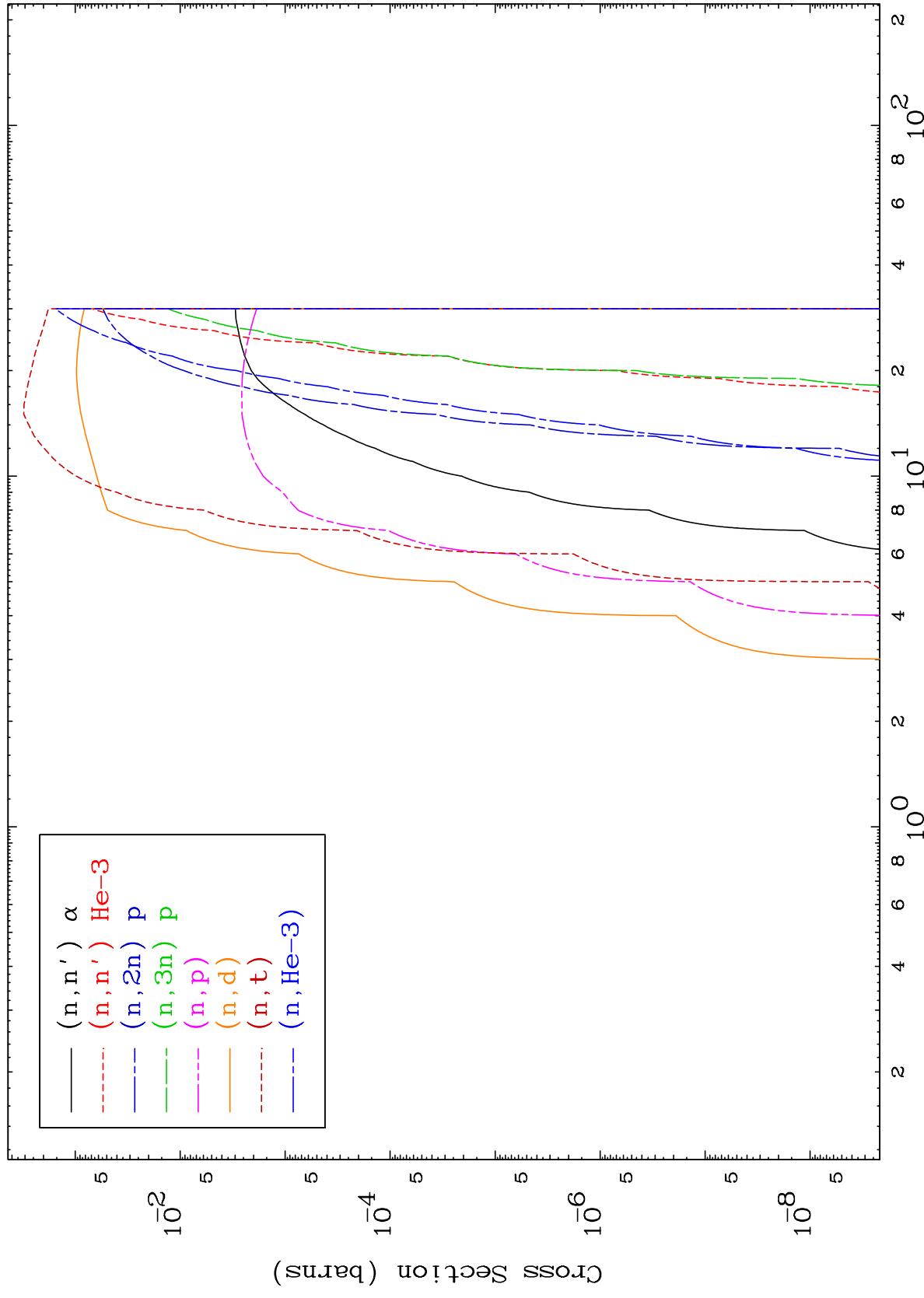
64-Gd-155



MAT 6434

Triton Charged Particle
0 Kelvin Cross Sections

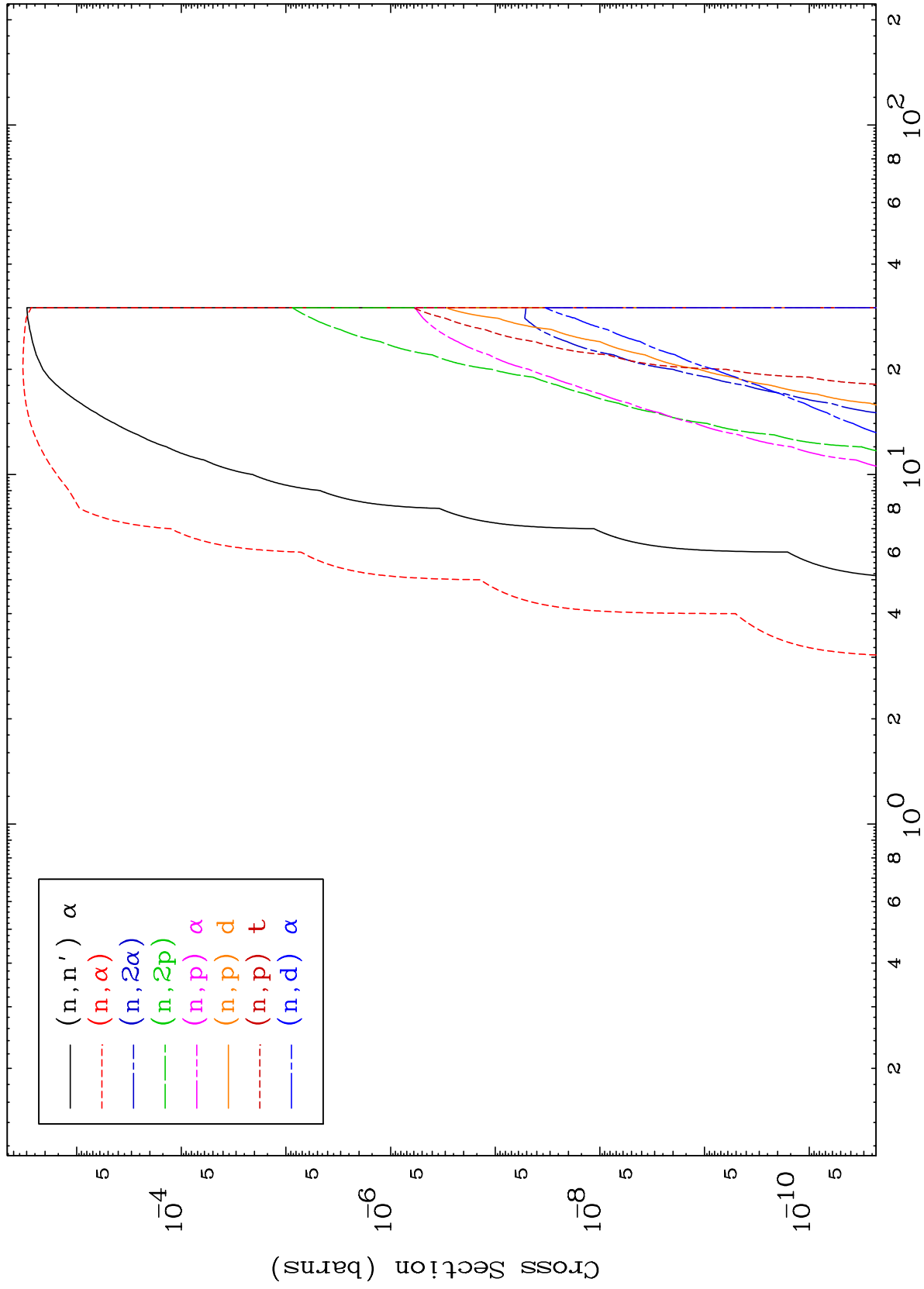
64-Gd-155



MAT 6434

Triton Charged Particle
0 Kelvin Cross Sections

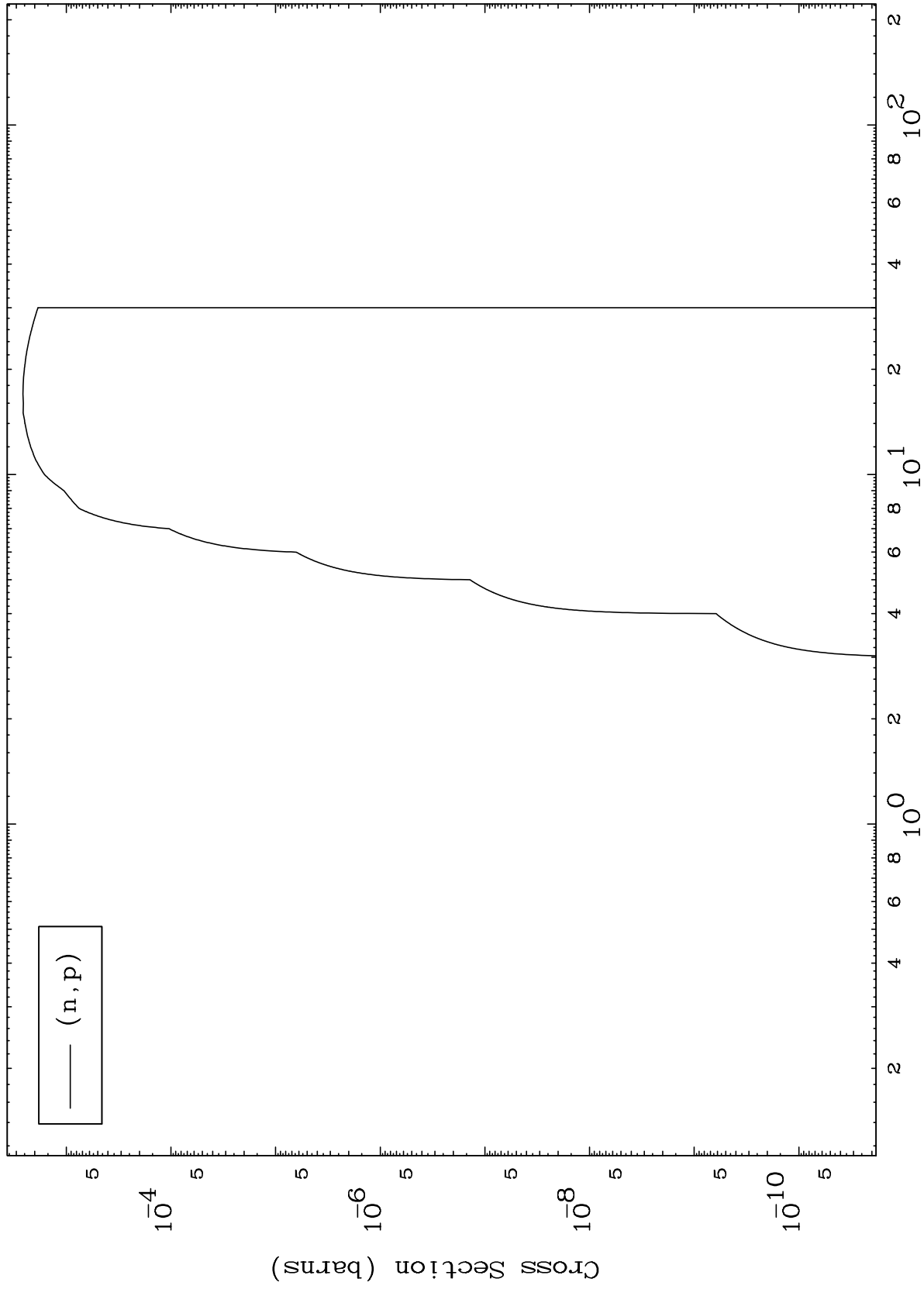
64-Gd-155



MAT 6434

(t,p) Levels
0 Kelvin Cross Sections

64-Gd-155



8

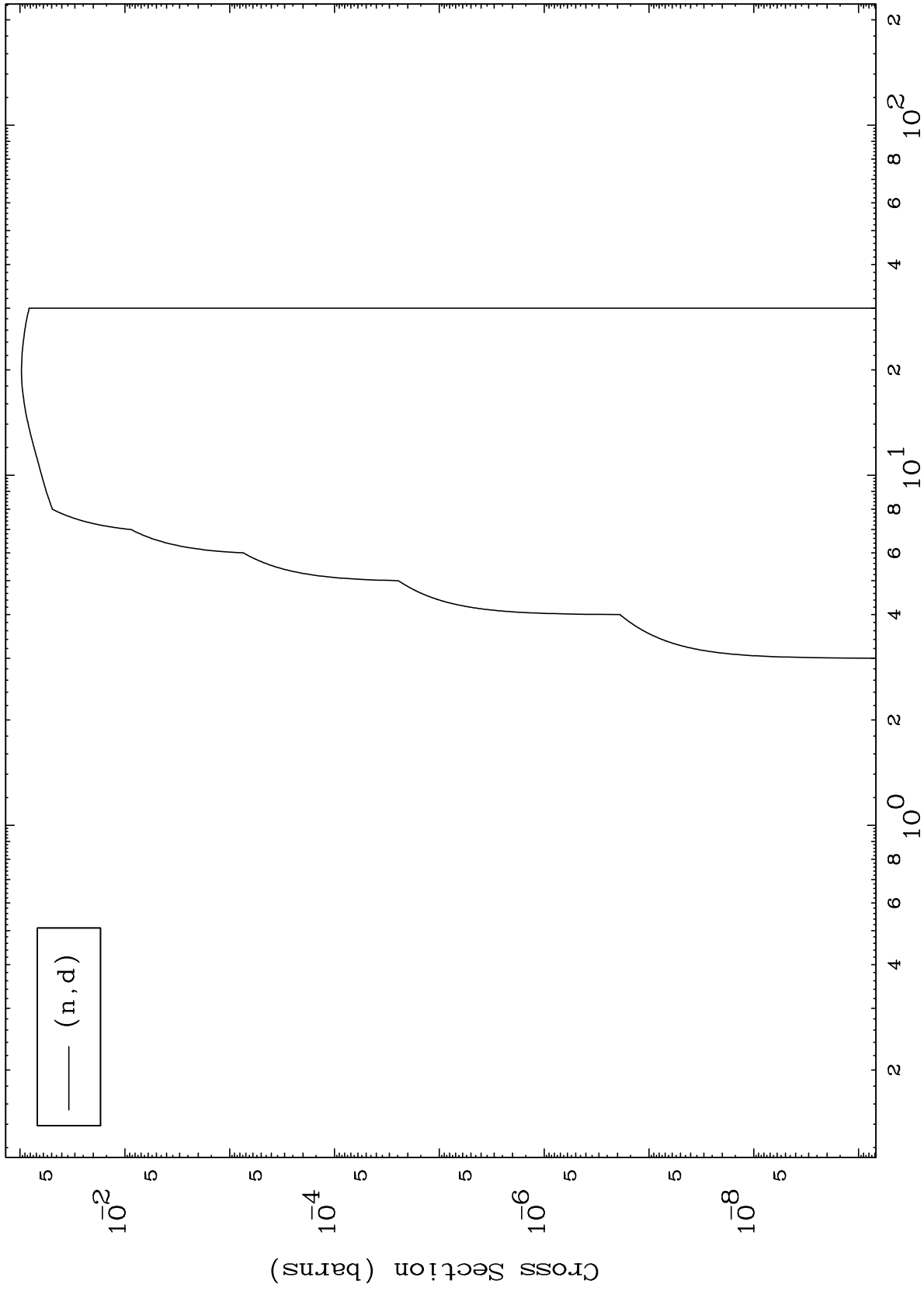
Incident Energy (MeV)

64-Gd-155

MAT 6434

(t,d) Levels
0 Kelvin Cross Sections

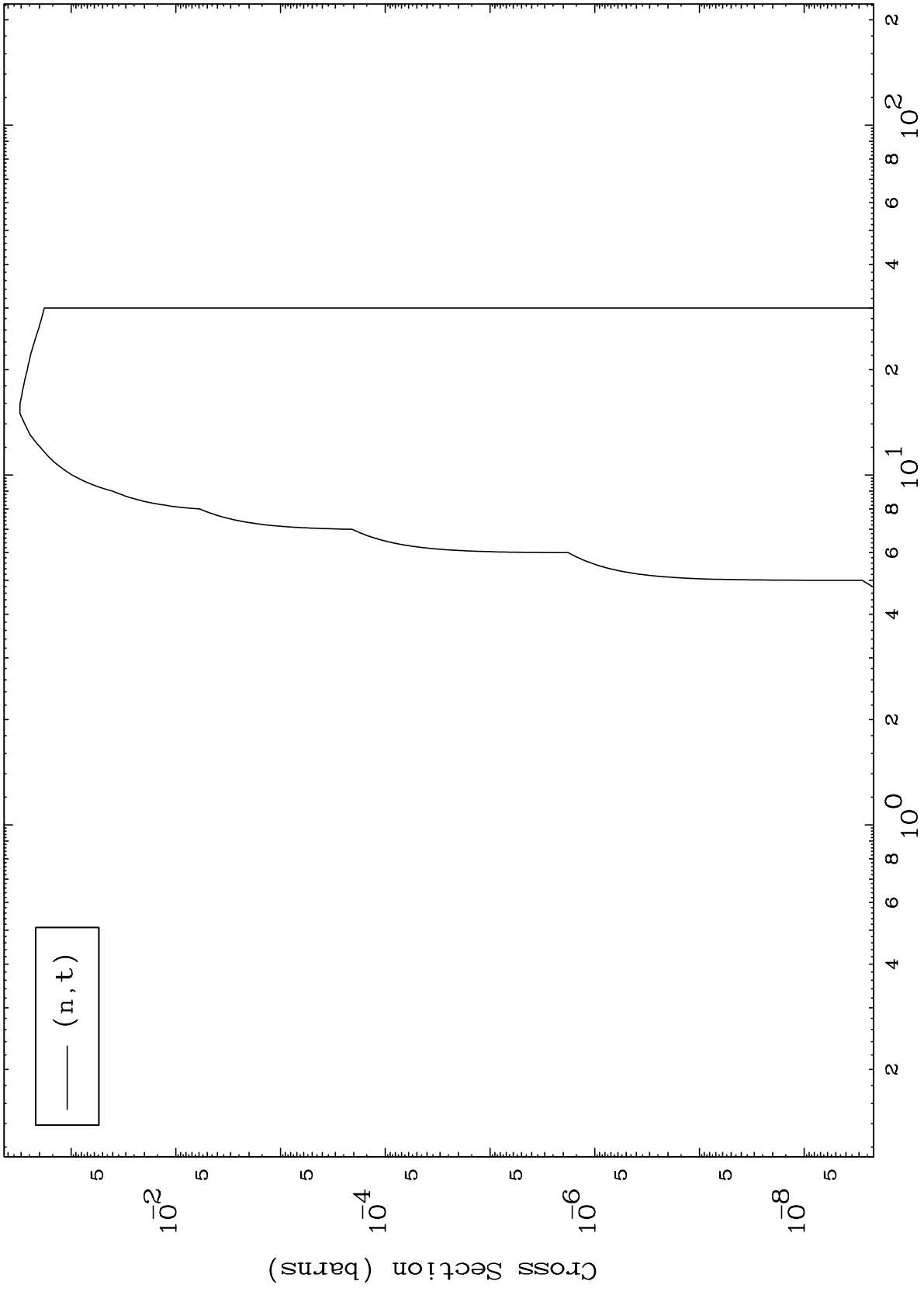
64-Gd-155



MAT 6434

(t,t) Levels
0 Kelvin Cross Sections

64-Gd-155



10

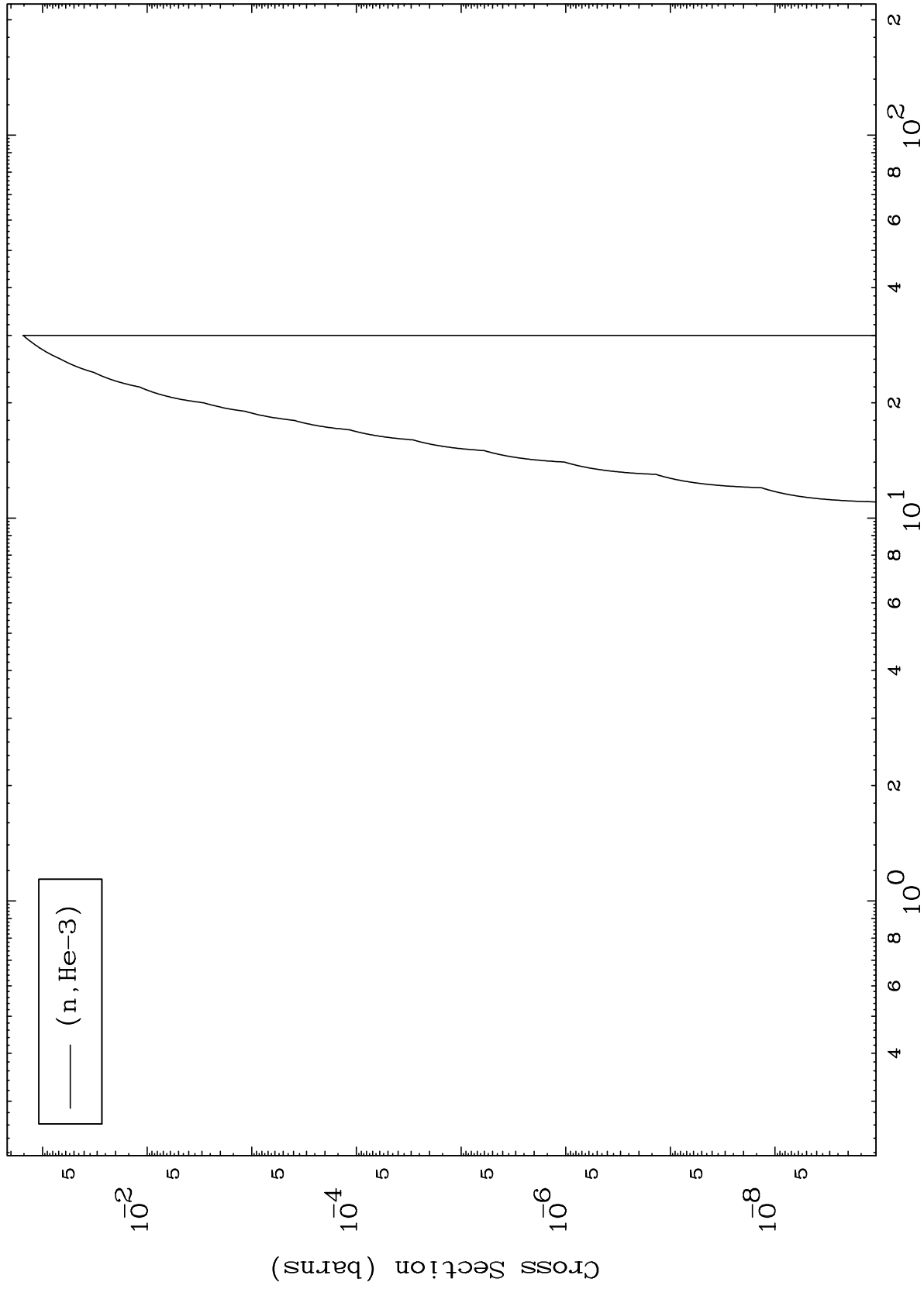
Incident Energy (MeV)

64-Gd-155

MAT 6434

(t,He3) Levels
0 Kelvin Cross Sections

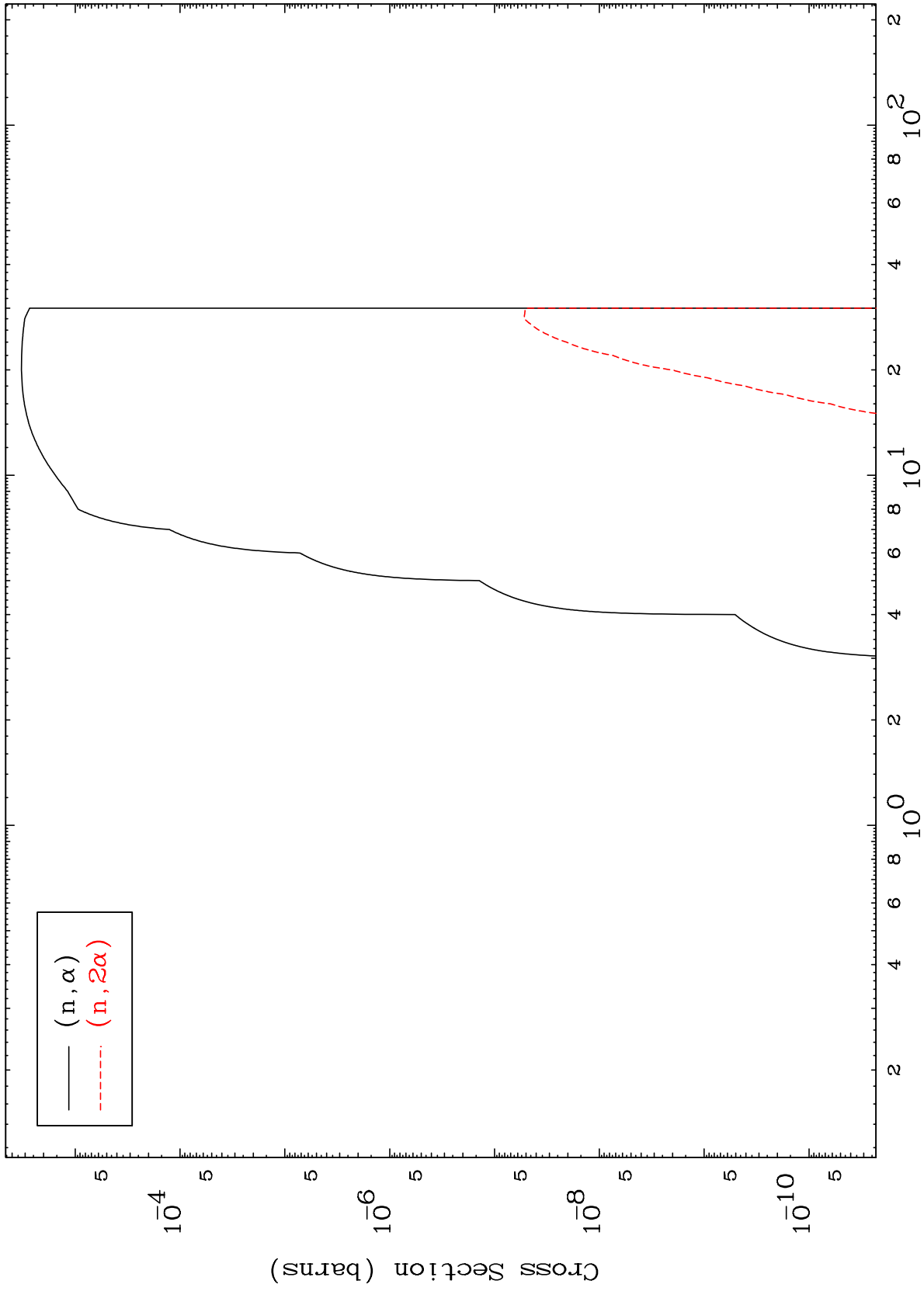
64-Gd-155



MAT 6434

(t, α) Levels
0 Kelvin Cross Sections

64-Gd-155



12

Incident Energy (MeV)

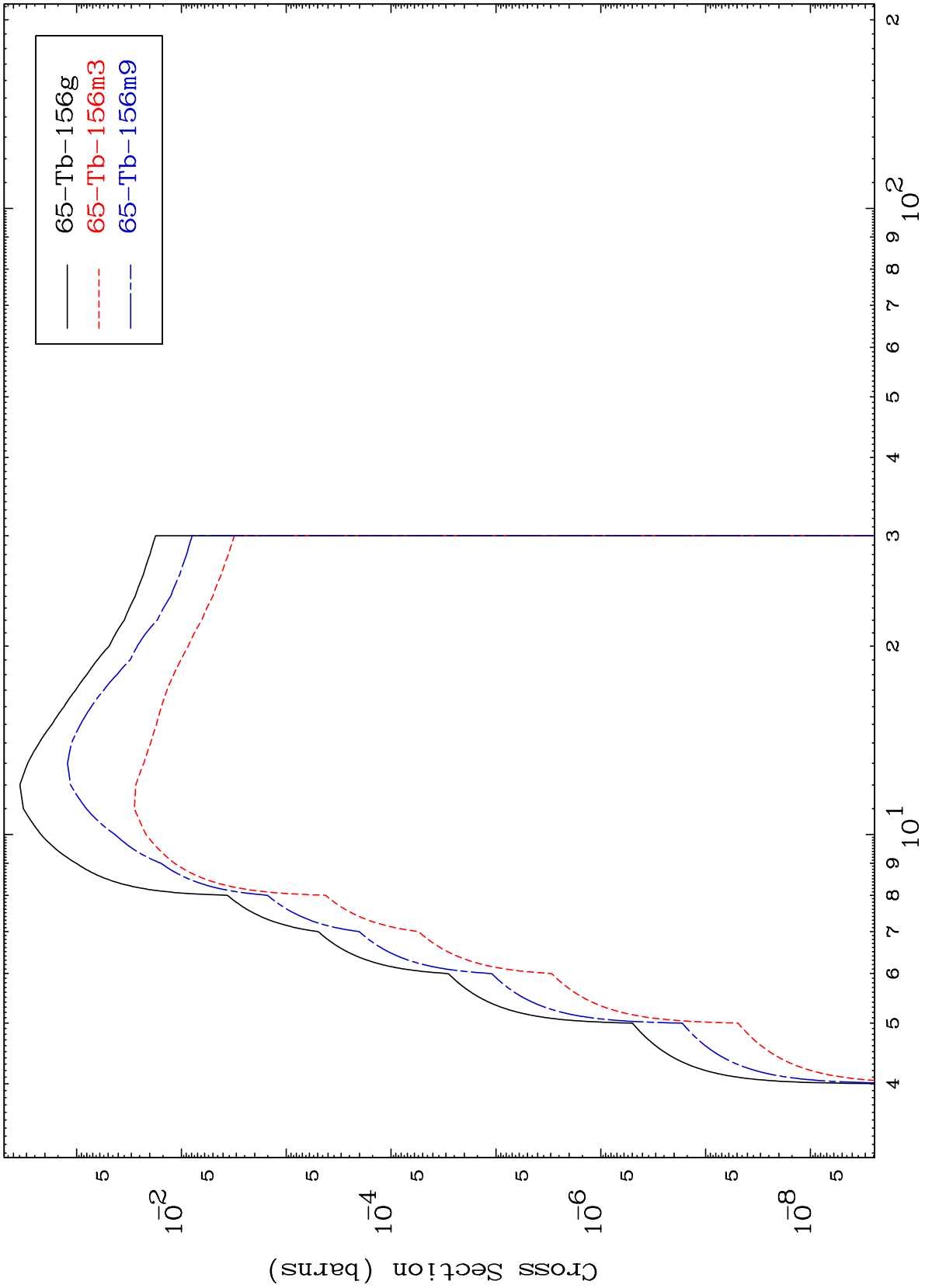
64-Gd-155

MAT 6434

(n,2n)

64-Gd-155

Radionuclide Production Cross Section



13

Incident Energy (MeV)

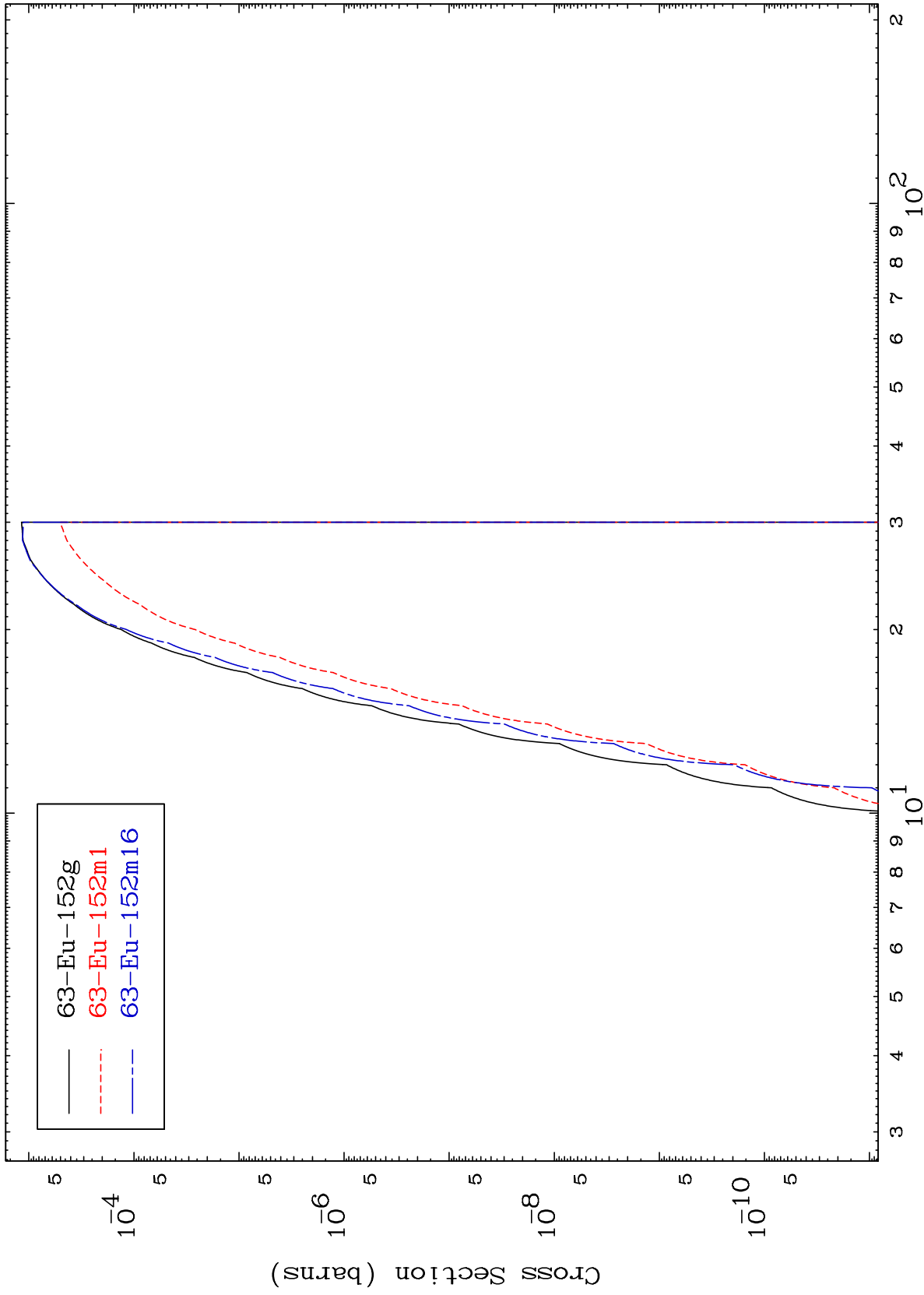
64-Gd-155

MAT 6434

(n,2n) α

64-Gd-155

Radionuclide Production Cross Section



14

Incident Energy (MeV)

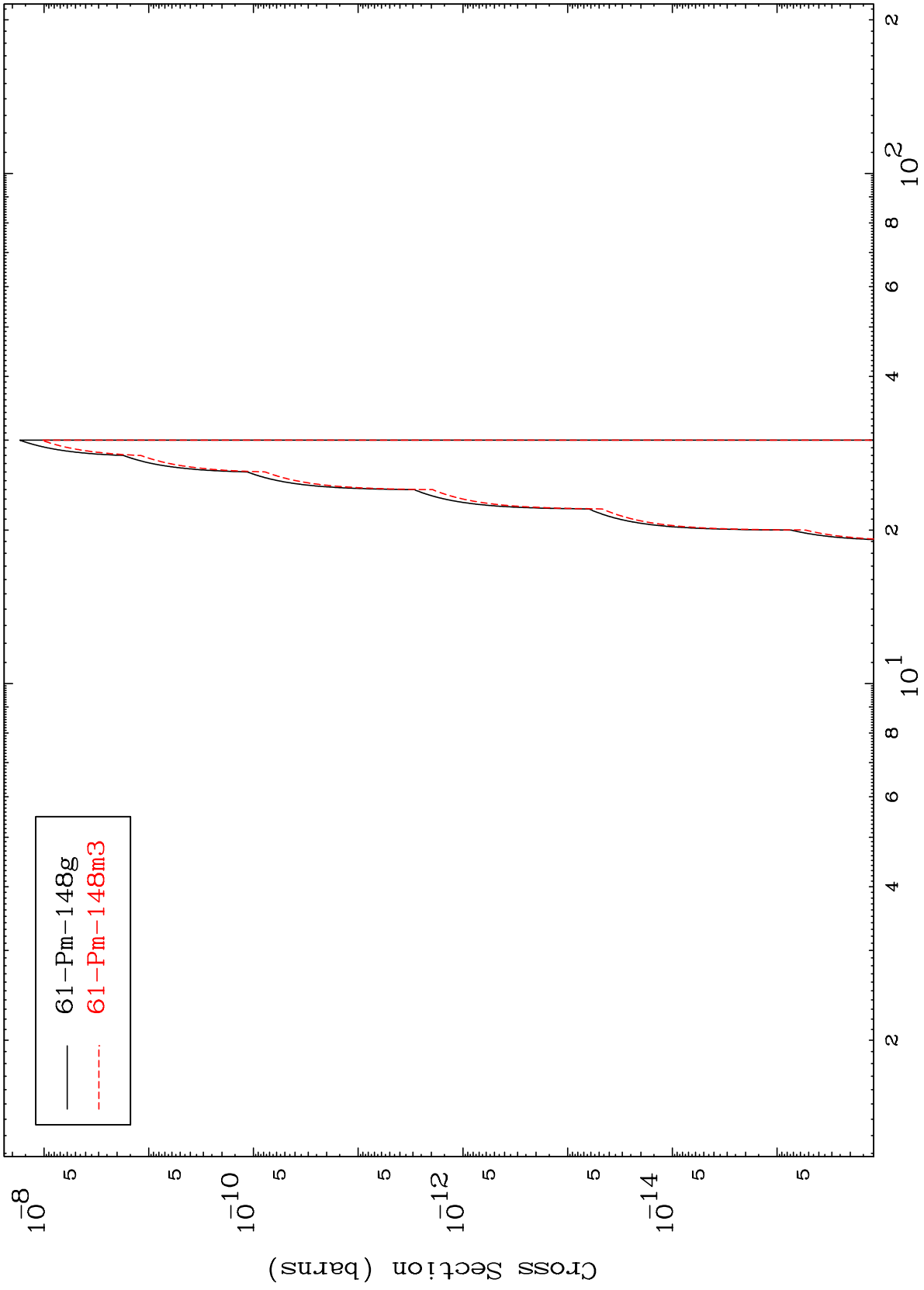
64-Gd-155

MAT 6434

(n,2n) 2 α

64-Gd-155

Radionuclide Production Cross Section



15

Incident Energy (MeV)

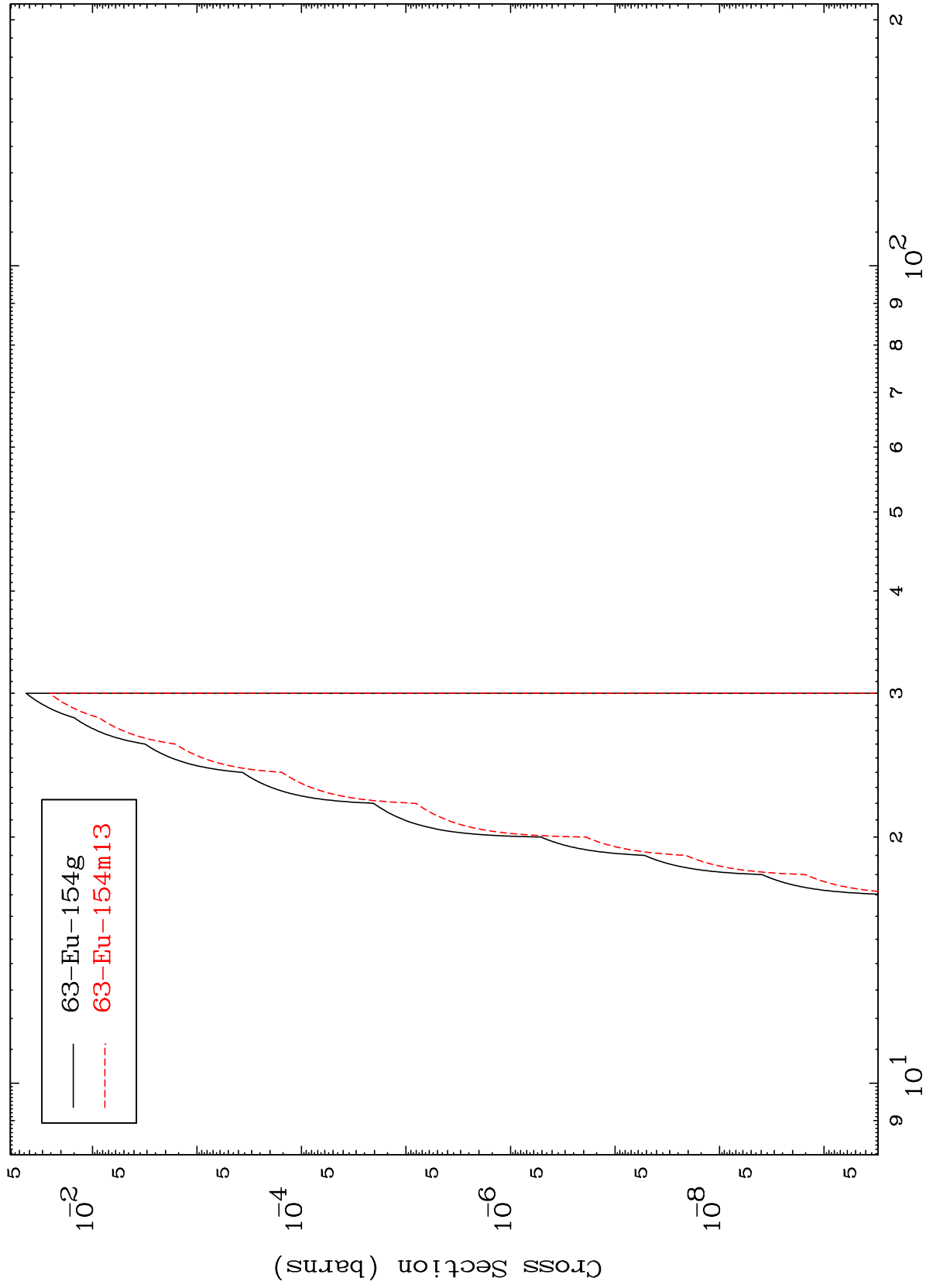
64-Gd-155

MAT 6434

(n, n') He-3

64-Gd-155

Radionuclide Production Cross Section



63-Eu-154g
63-Eu-154m13

16

Incident Energy (MeV)

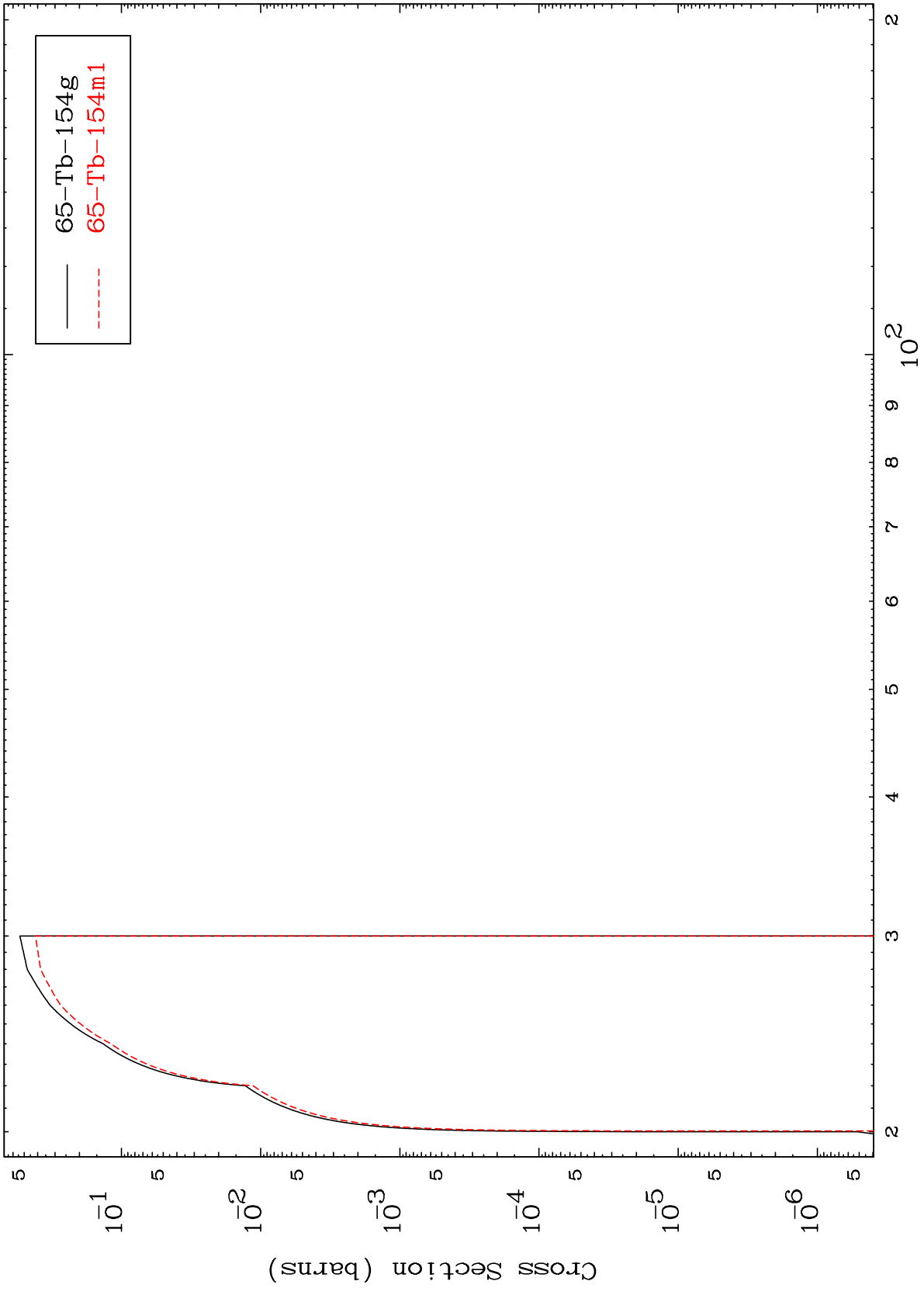
64-Gd-155

MAT 6434

(n,4n)

64-Gd-155

Radionuclide Production Cross Section



17

Incident Energy (MeV)

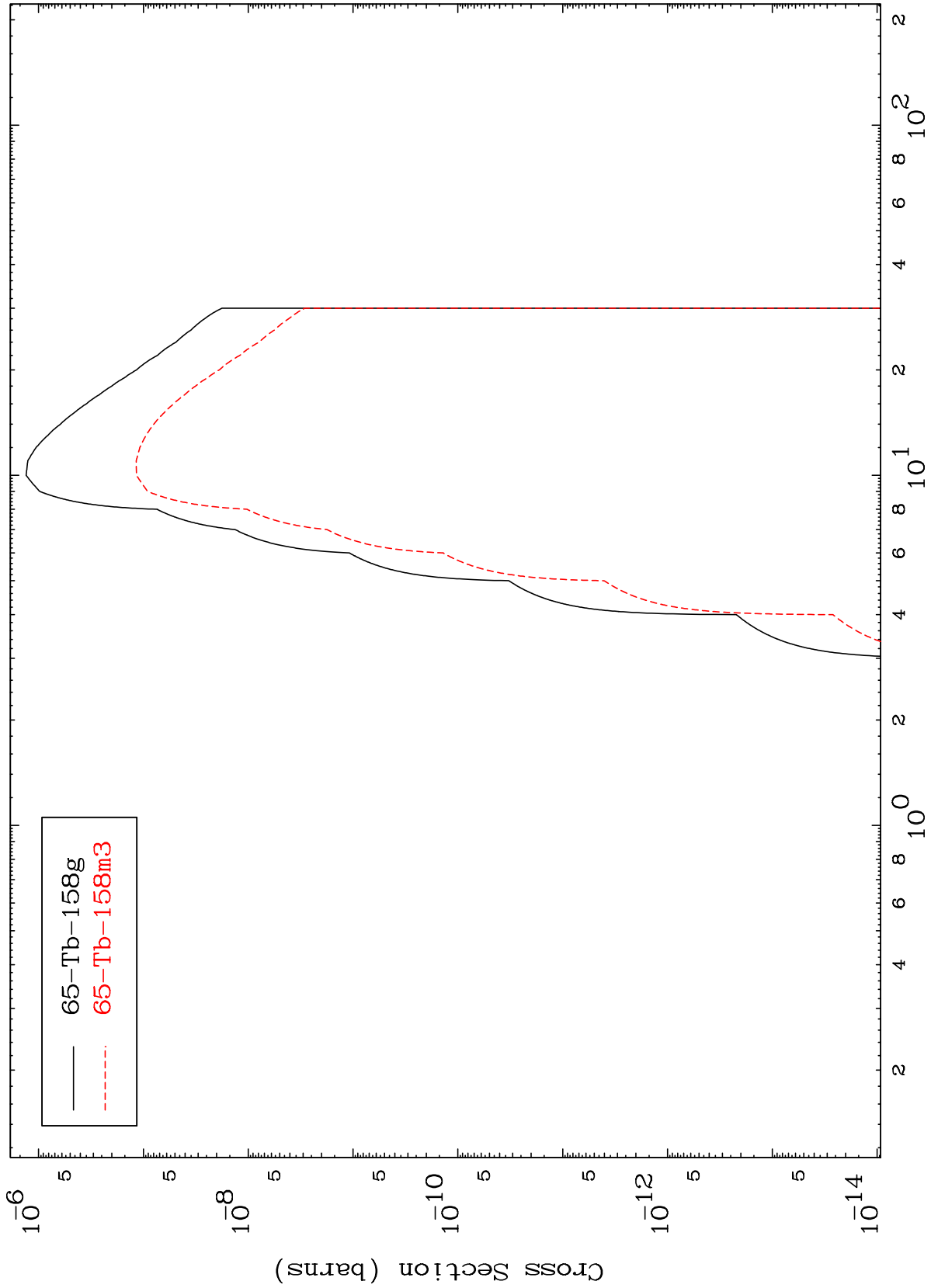
64-Gd-155

MAT 6434

(n,γ)

64-Gd-155

Radionuclide Production Cross Section



18

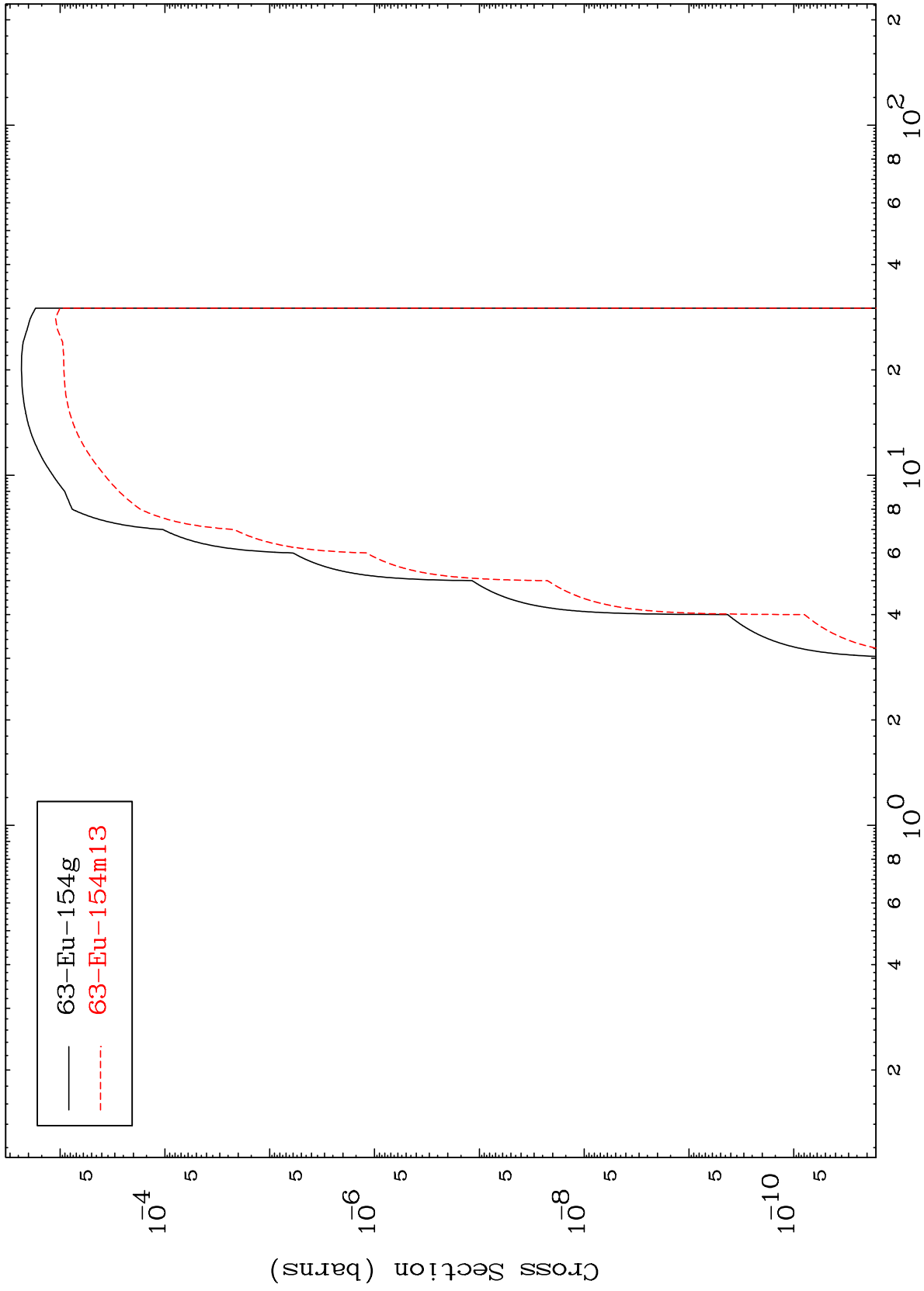
Incident Energy (MeV)

64-Gd-155

MAT 6434

64-Gd-155

(n, α)
Radionuclide Production Cross Section

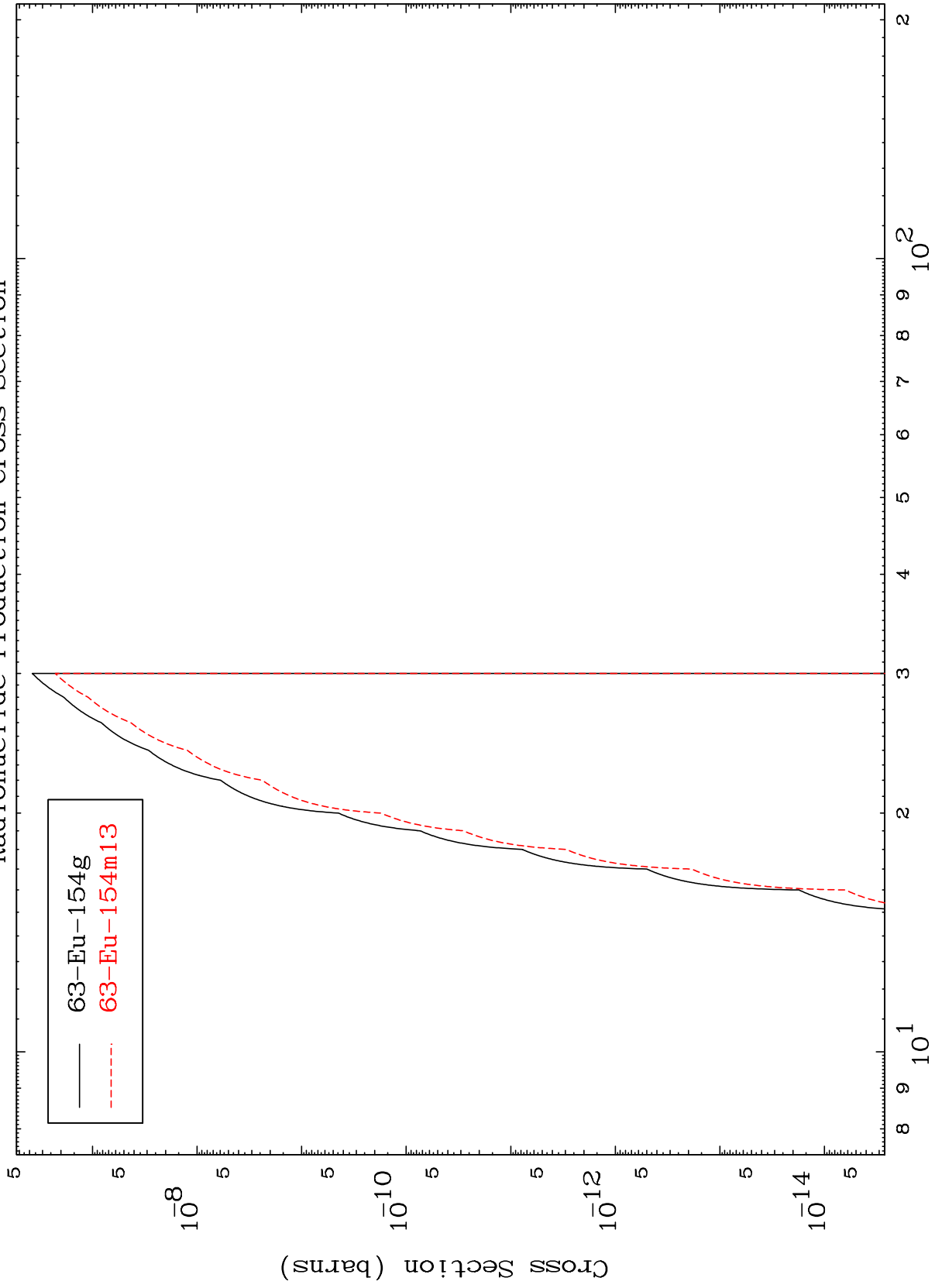


MAT 6434

(n,p) t

64-Gd-155

Radionuclide Production Cross Section



20

Incident Energy (MeV)

64-Gd-155