

Program EVALPLOT
(Version 2021-1)

by

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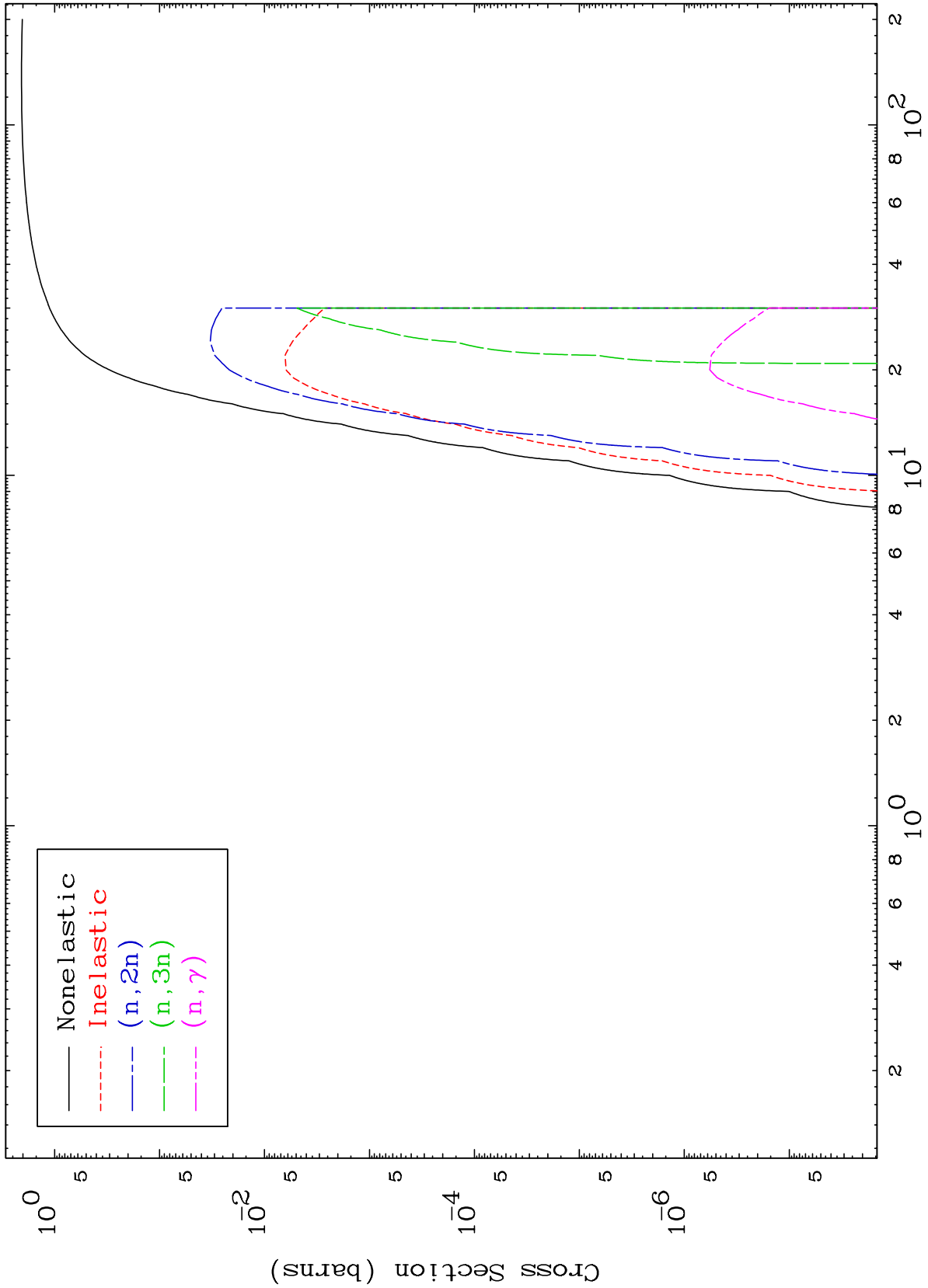
Press Mouse Button to Start

MAT 6410

He-3 Major

64-Gd-147

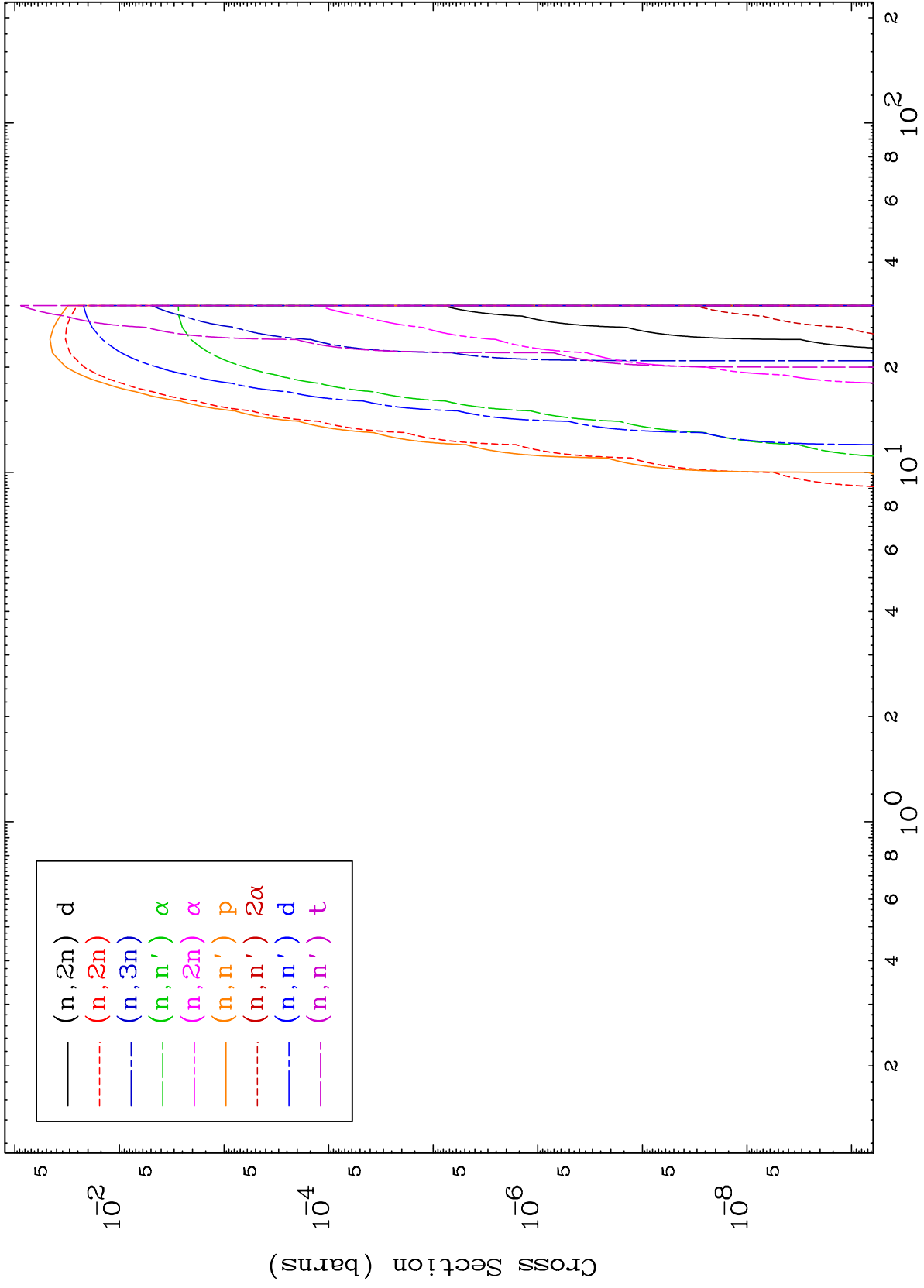
0 Kelvin Cross Sections



MAT 6410

He-3 Neutron Absorption
0 Kelvin Cross Sections

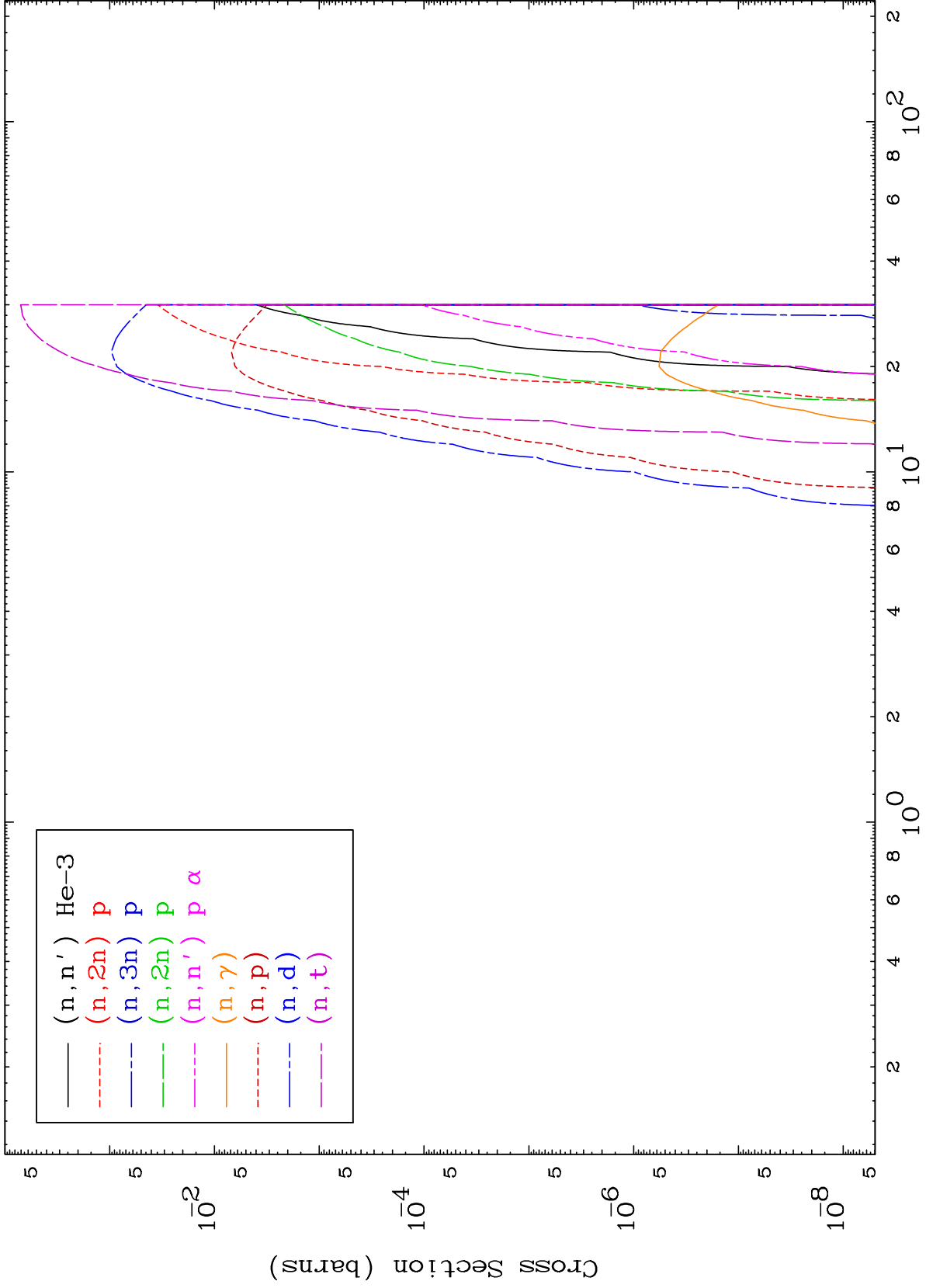
64-Gd-147



MAT 6410

He-3 Neutron Absorption
0 Kelvin Cross Sections

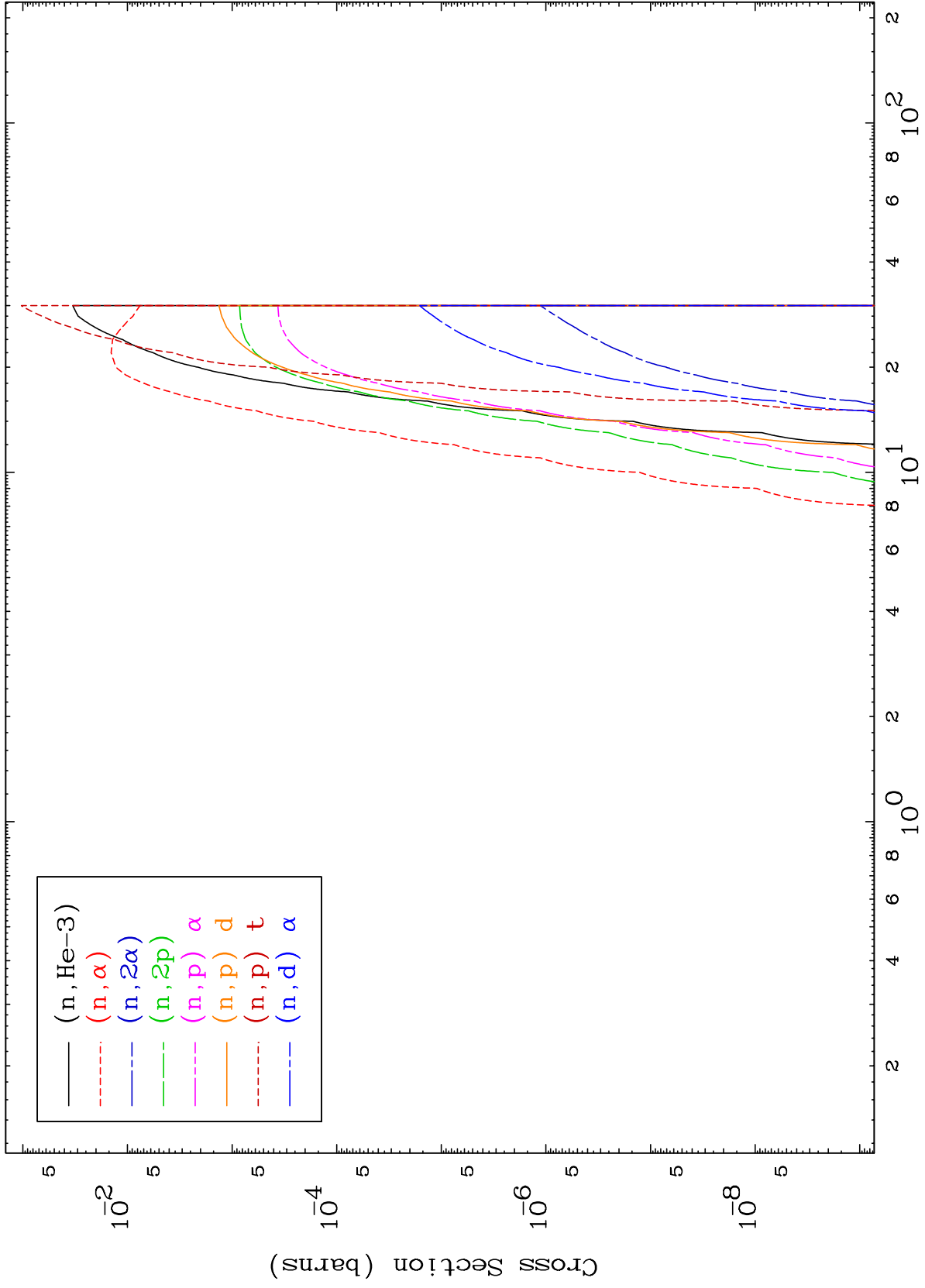
64-Gd-147



MAT 6410

He-3 Neutron Absorption
0 Kelvin Cross Sections

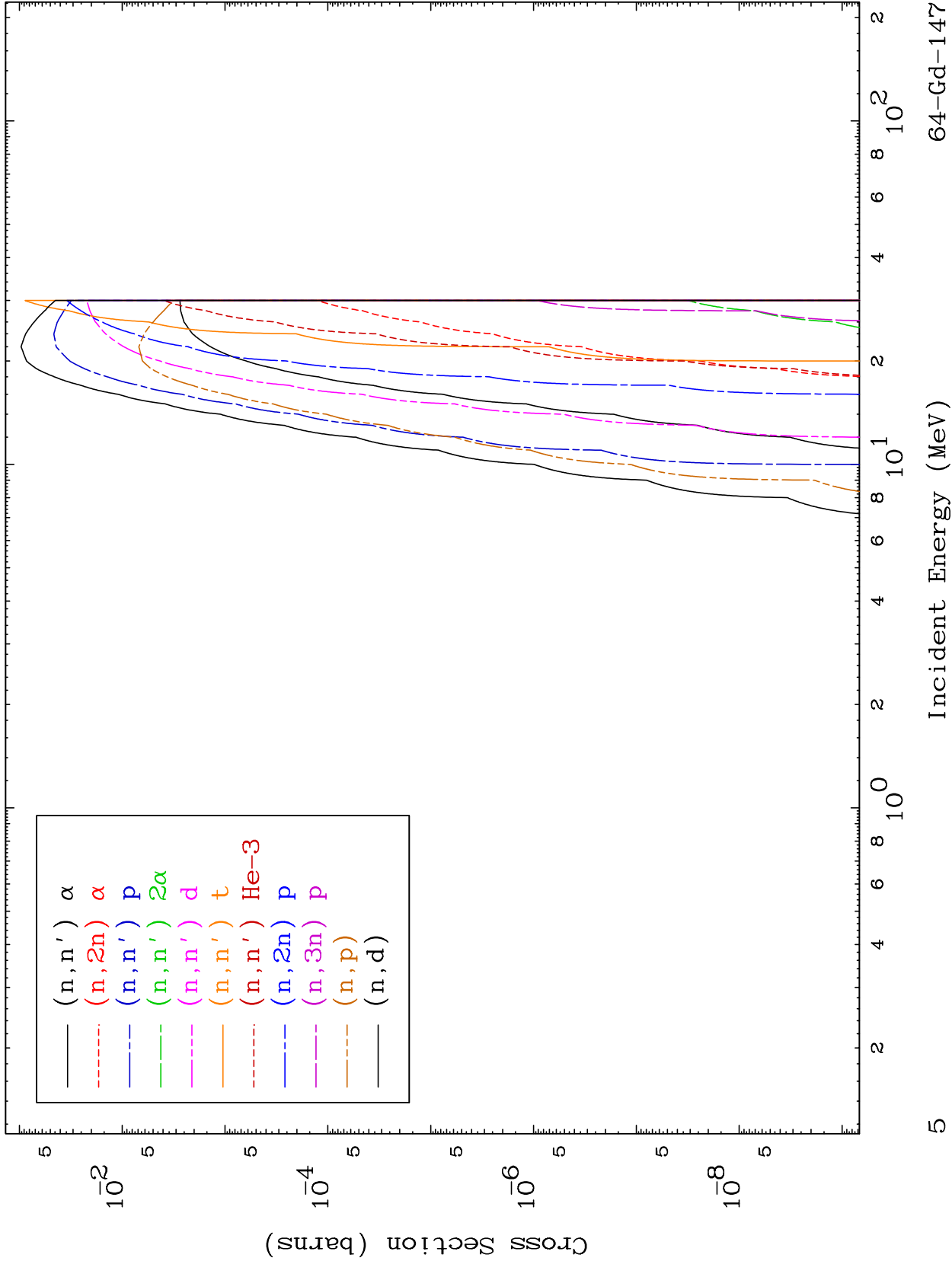
64-Gd-147



MAT 6410

He-3 Charged Particle
0 Kelvin Cross Sections

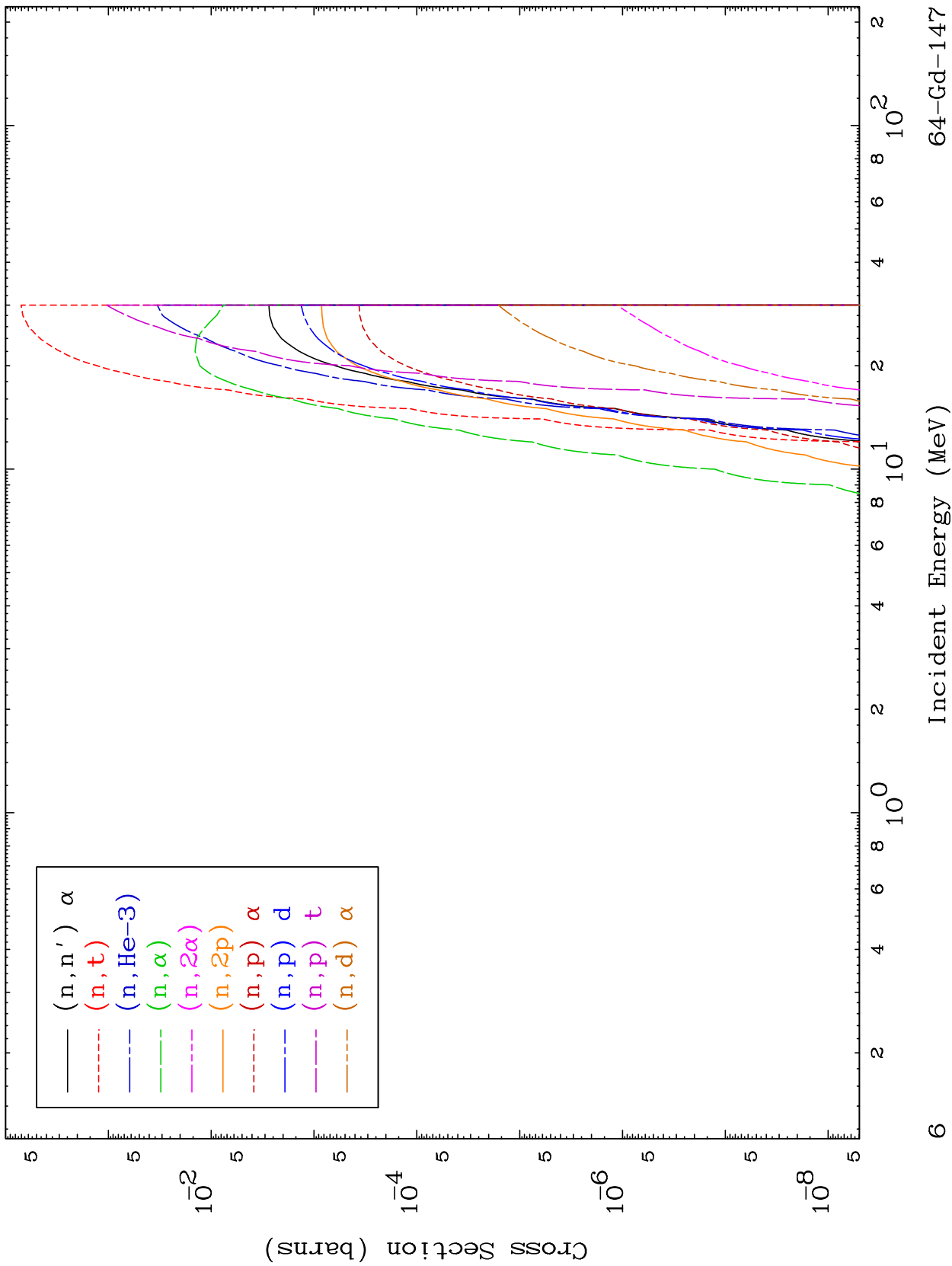
64-Gd-147



MAT 6410

He-3 Charged Particle
0 Kelvin Cross Sections

64-Gd-147



64-Gd-147

Incident Energy (MeV)

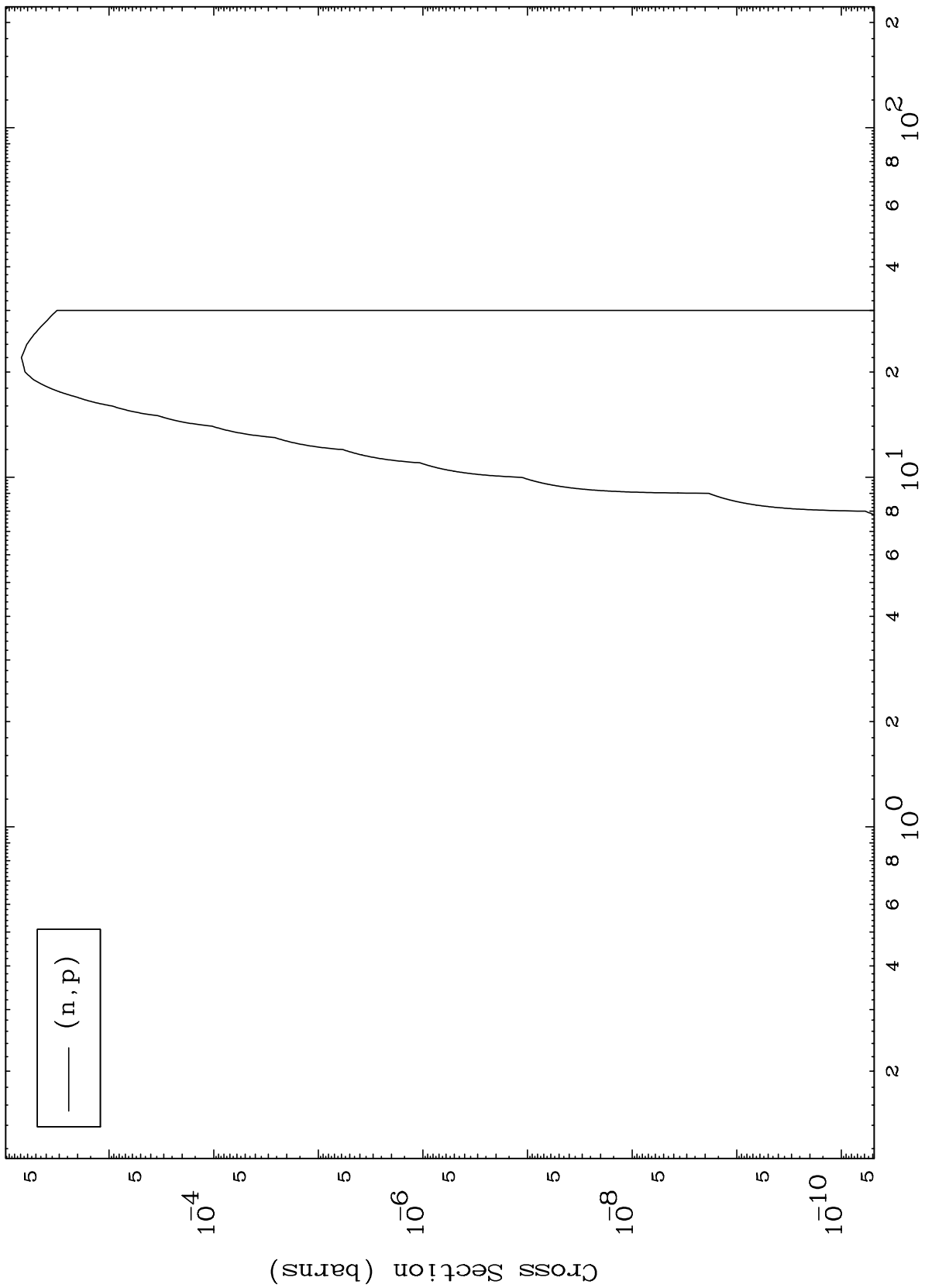
6

MAT 6410

(He-3,p) Levels

64-Gd-147

0 Kelvin Cross Sections

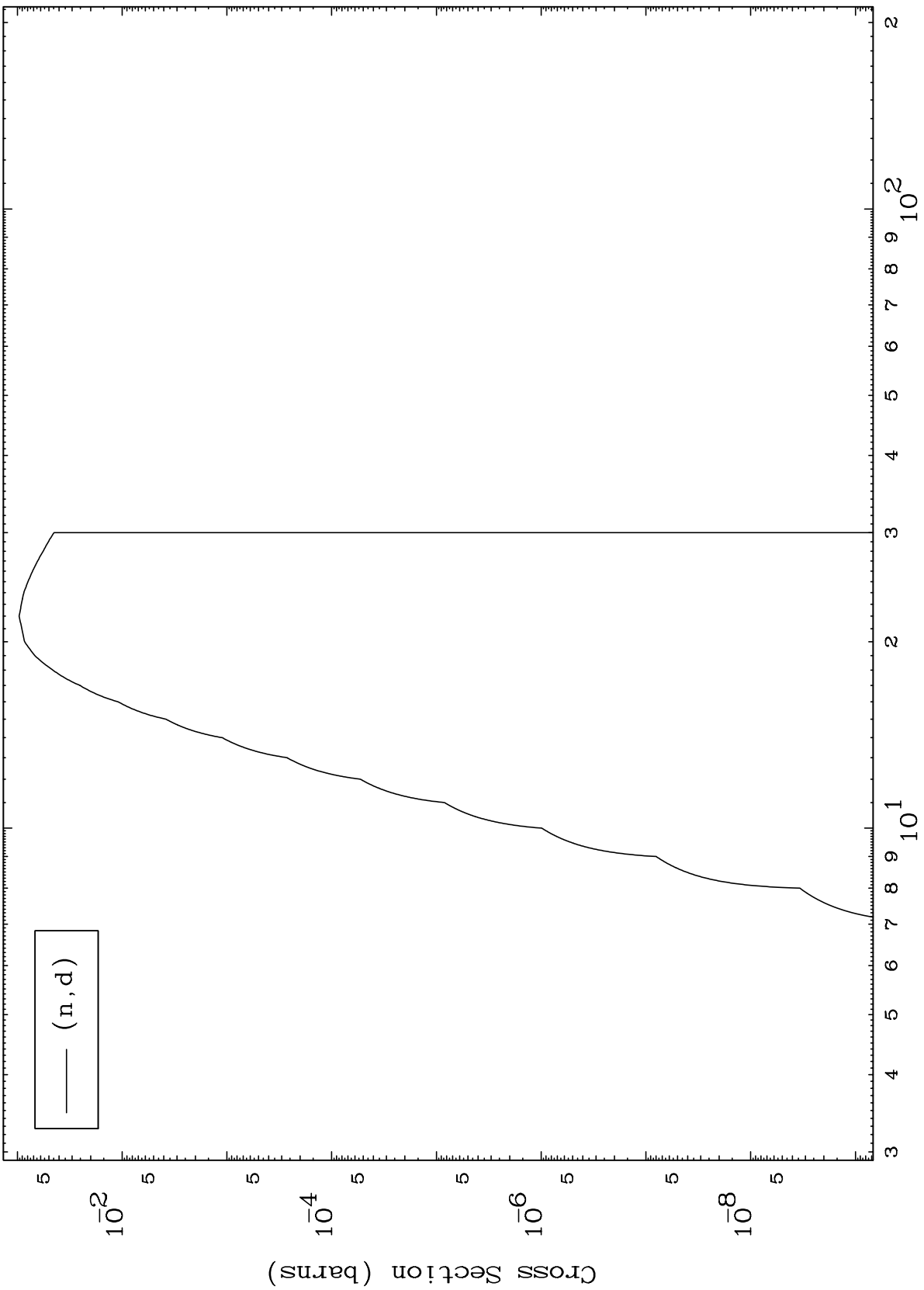


MAT 6410

(He-3,d) Levels

64-Gd-147

0 Kelvin Cross Sections



8

Incident Energy (MeV)

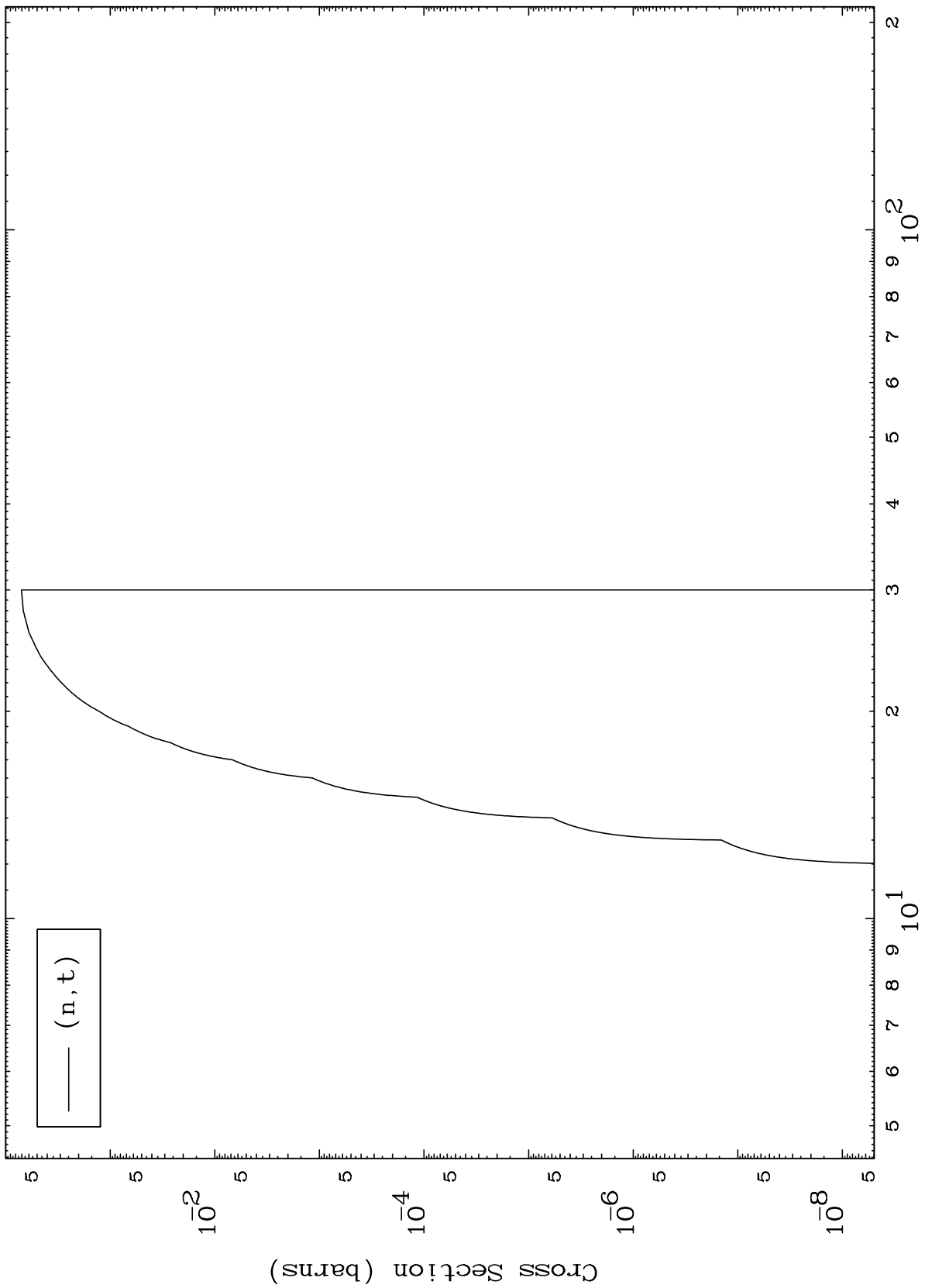
64-Gd-147

MAT 6410

(He-3,t) Levels

64-Gd-147

0 Kelvin Cross Sections



9

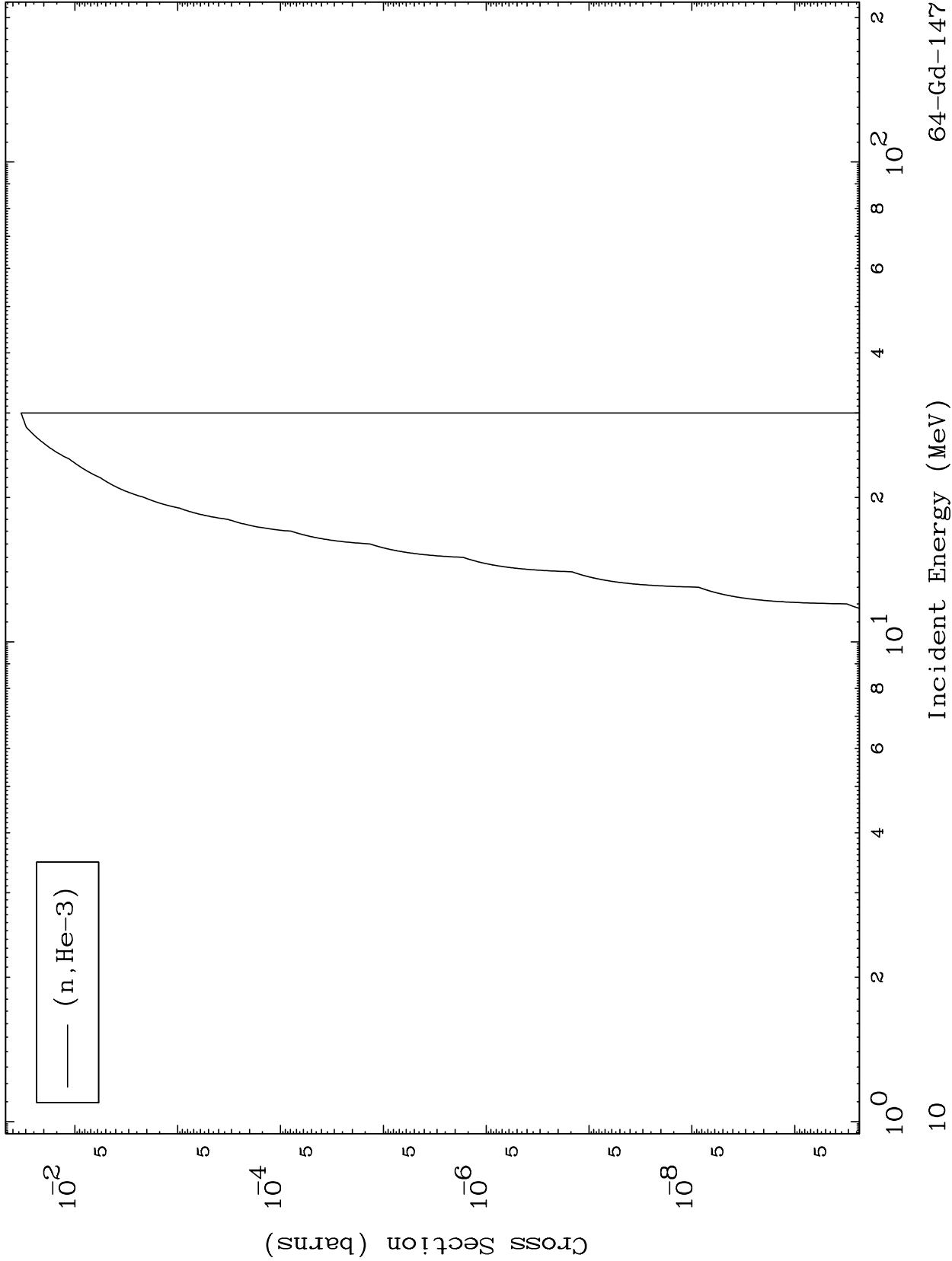
Incident Energy (MeV)

64-Gd-147

MAT 6410

(He-3, He3) Levels
0 Kelvin Cross Sections

64-Gd-147



(n, He-3)

Incident Energy (MeV)

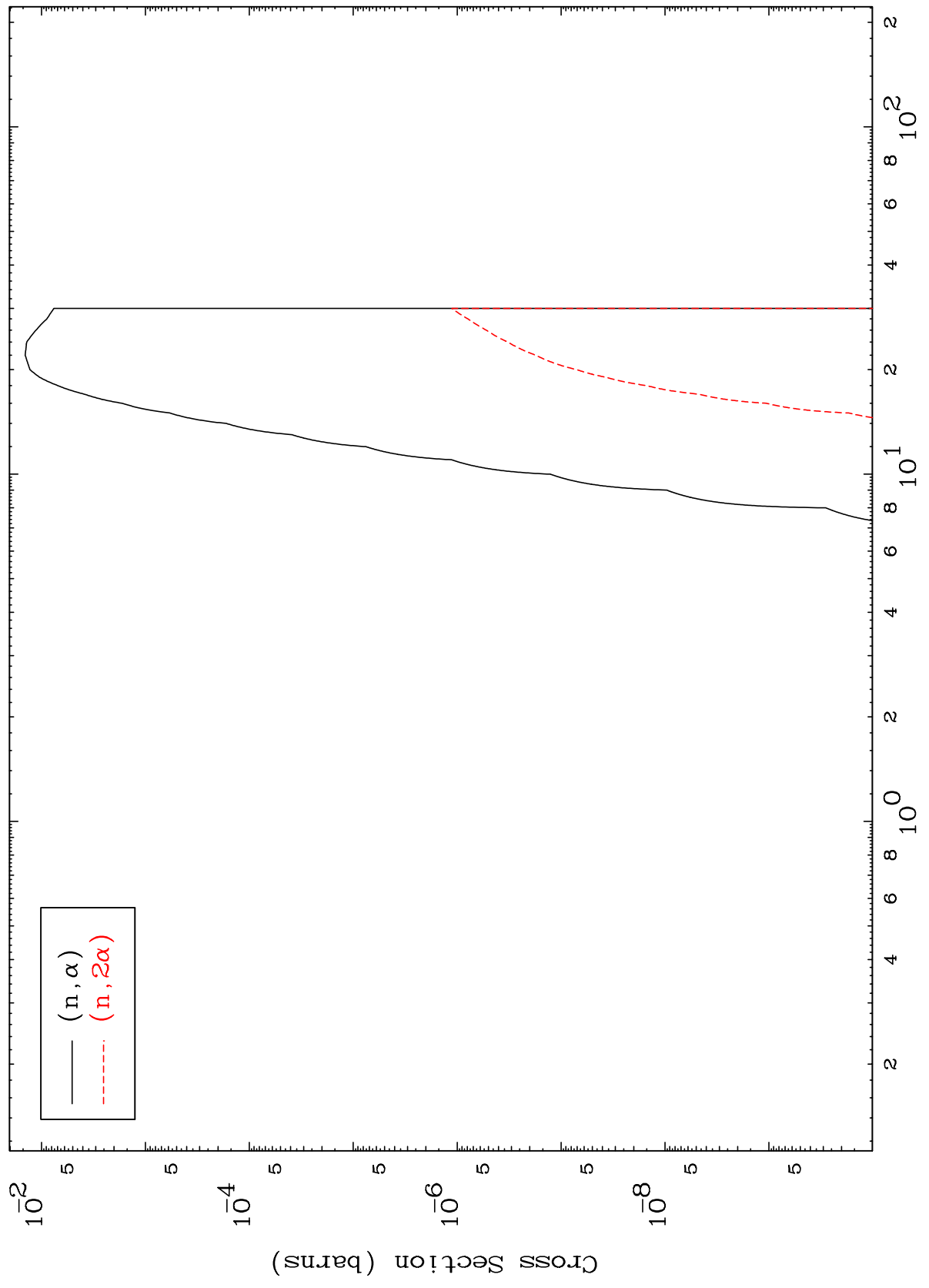
64-Gd-147

MAT 6410

(He-3, α) Levels

64-Gd-147

0 Kelvin Cross Sections

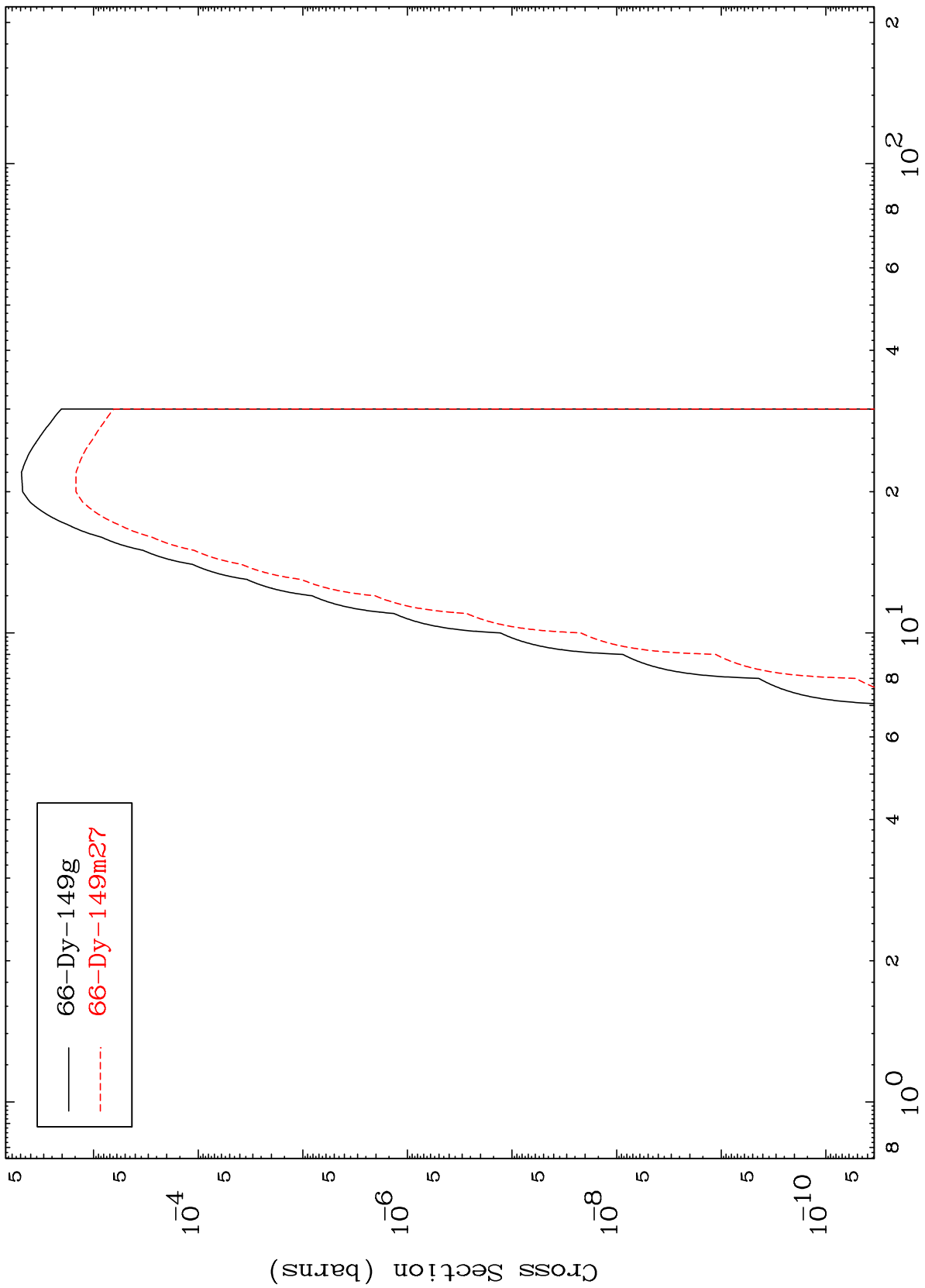


— (n, α)
- - - $(n, 2\alpha)$

MAT 6410

64-Gd-147

Radionuclide Production Cross Section



66-Dy-149g
66-Dy-149m27

64-Gd-147

Incident Energy (MeV)

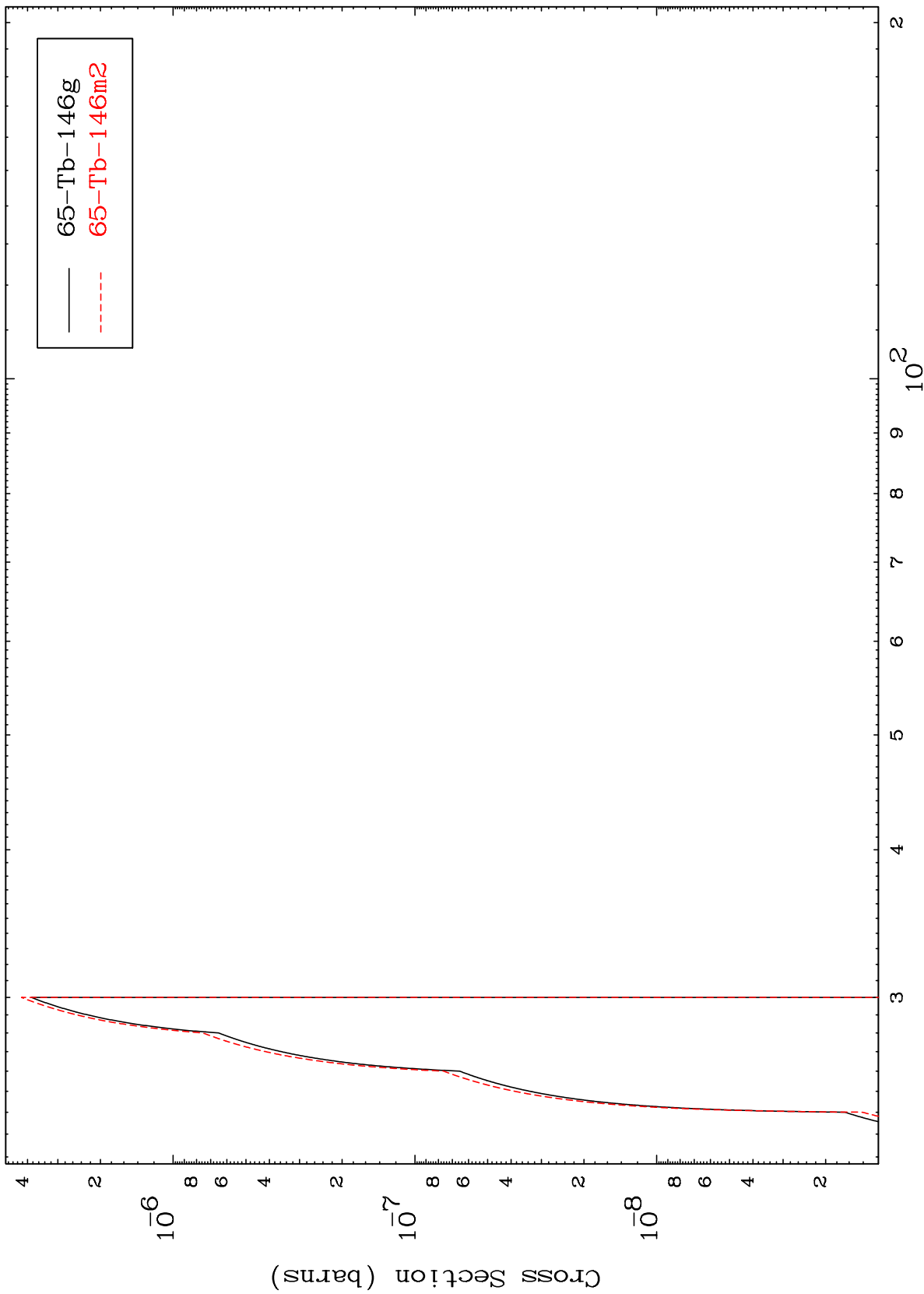
12

MAT 6410

(n,2n) d

64-Gd-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

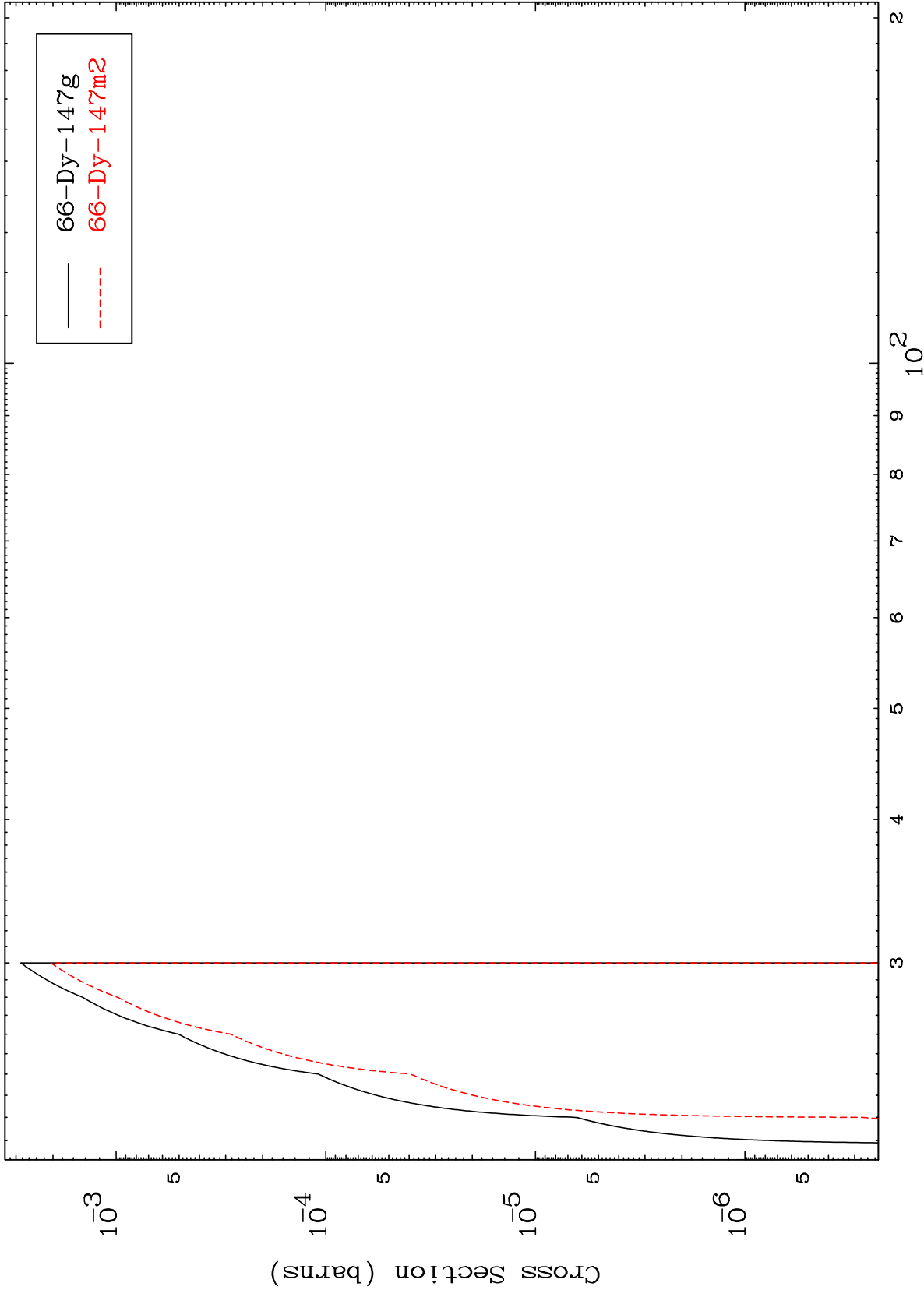
64-Gd-147

MAT 6410

(n,3n)

64-Gd-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

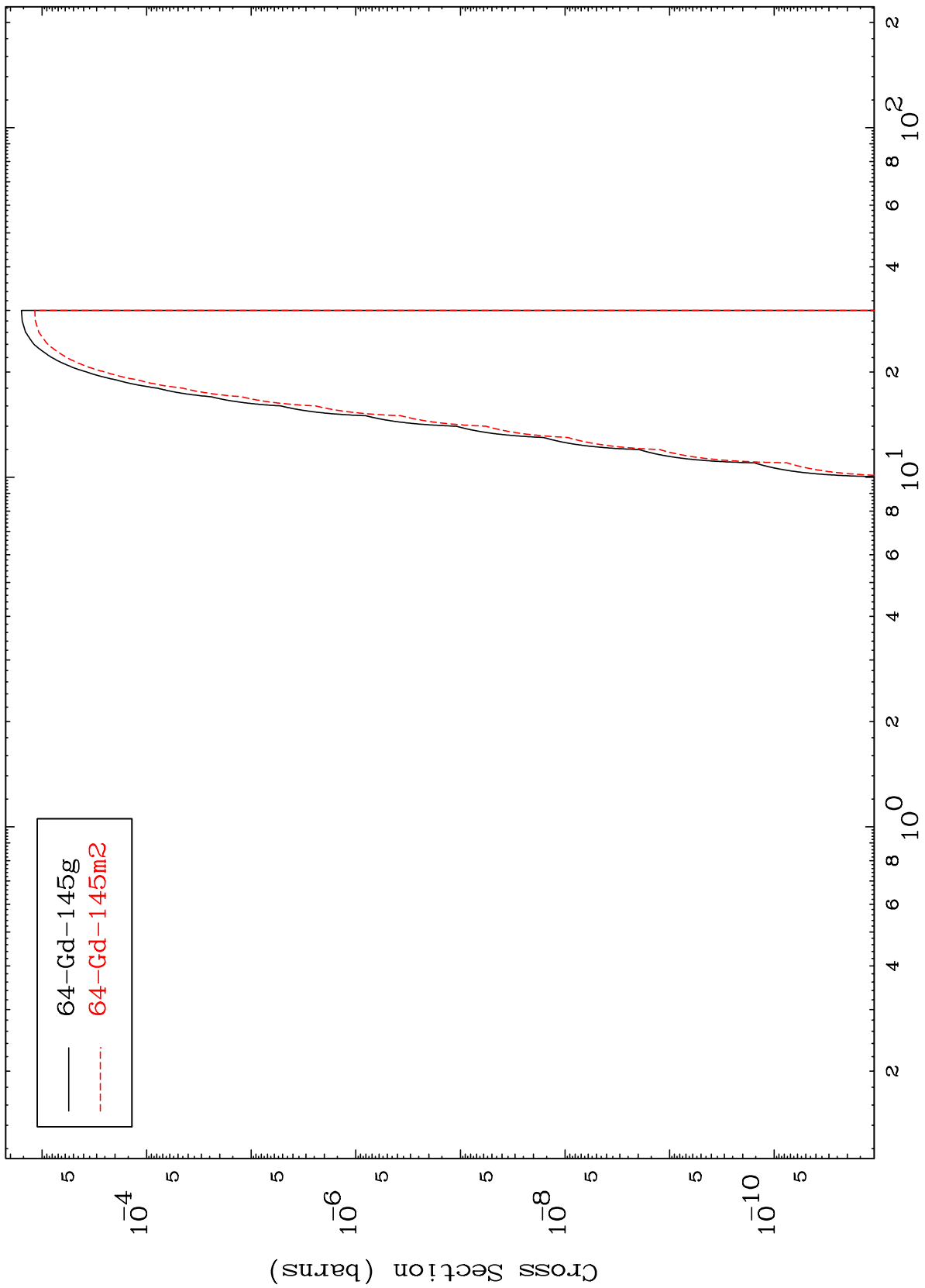
64-Gd-147

MAT 6410

$(n, n') \alpha$

64-Gd-147

Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

15

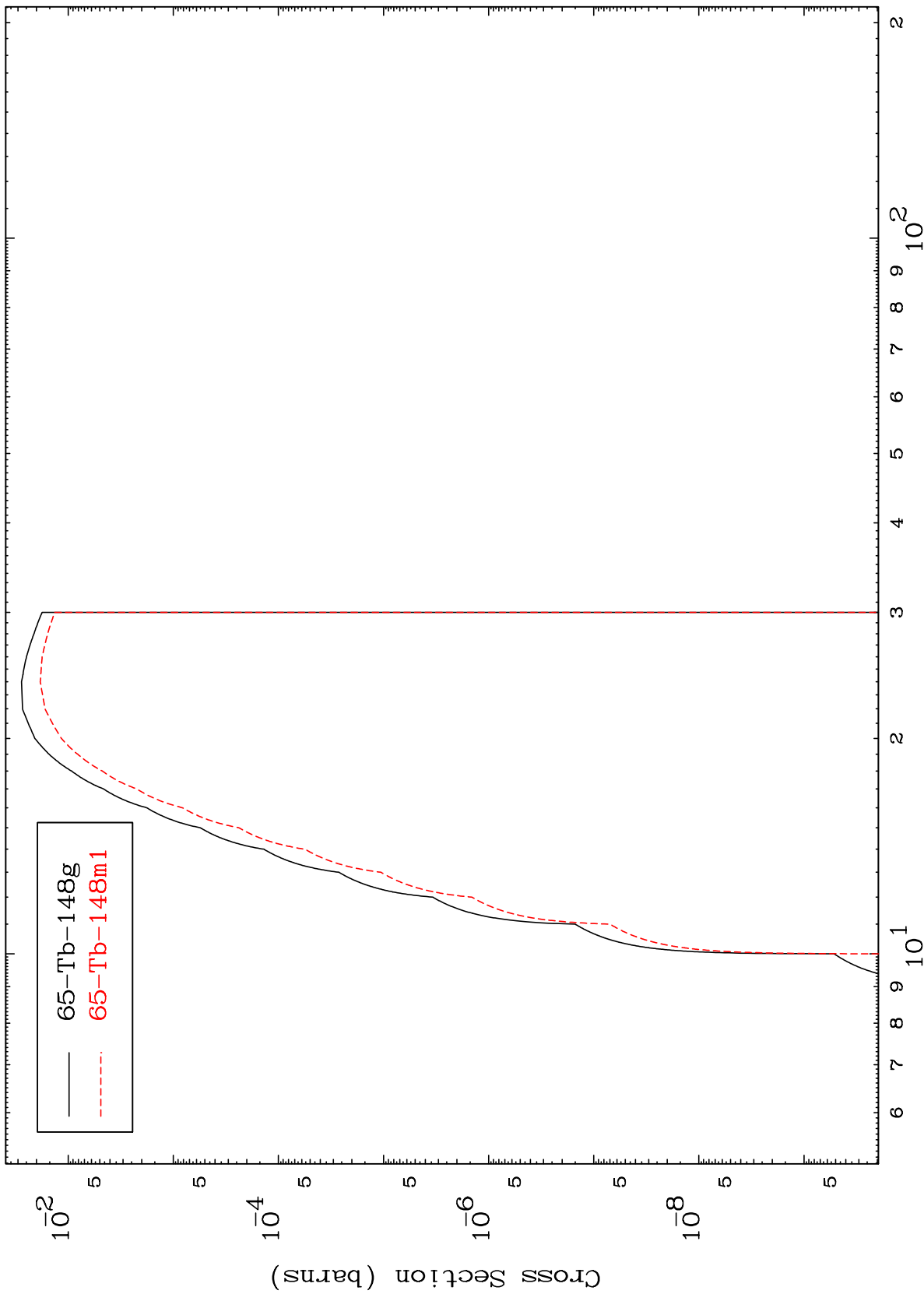
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(n,n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

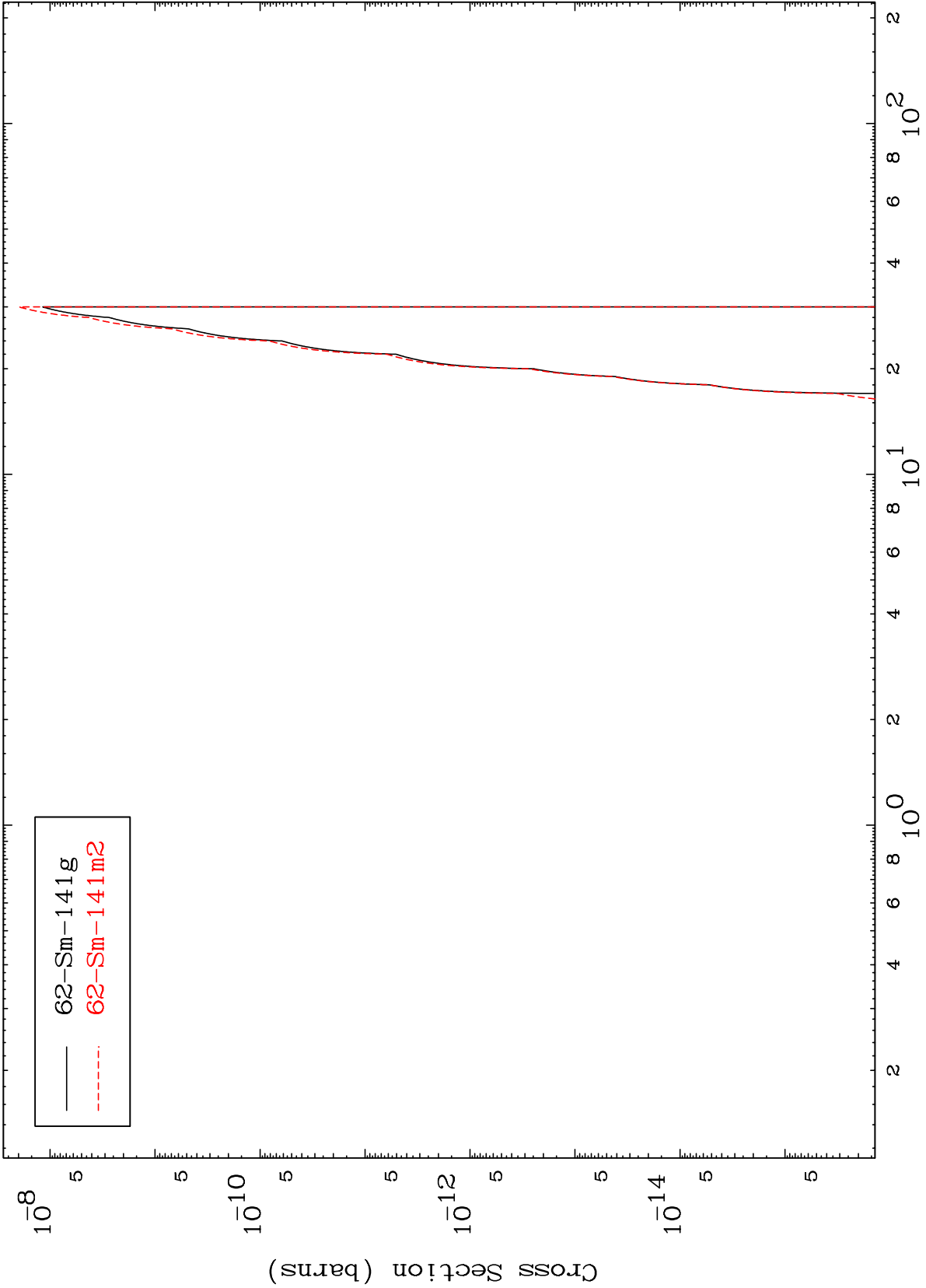
64-Gd-147

MAT 6410

(n,n') 2α

64-Gd-147

Radionuclide Production Cross Section

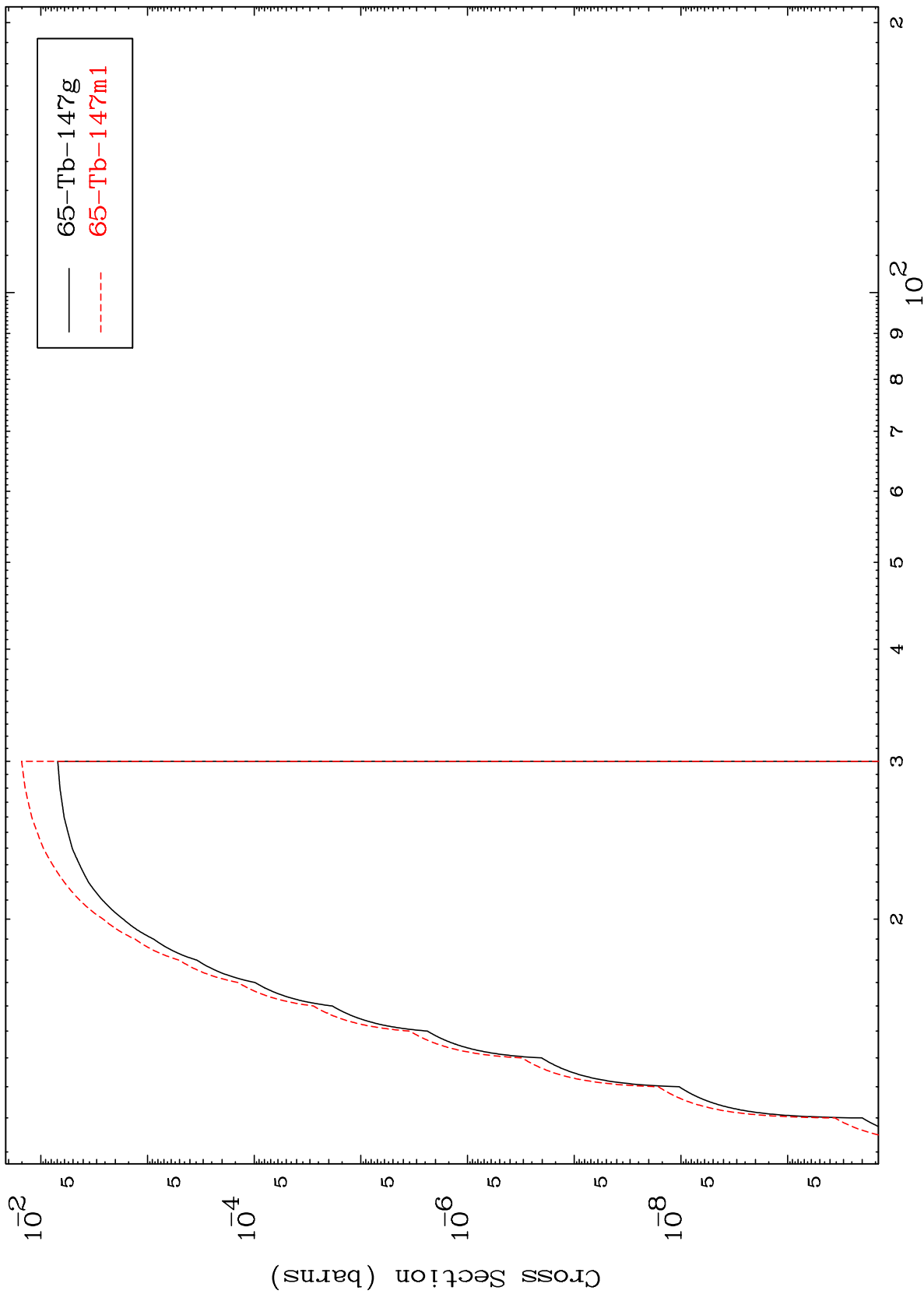


MAT 6410

(n,n') d

64-Gd-147

Radionuclide Production Cross Section



18

Incident Energy (MeV)

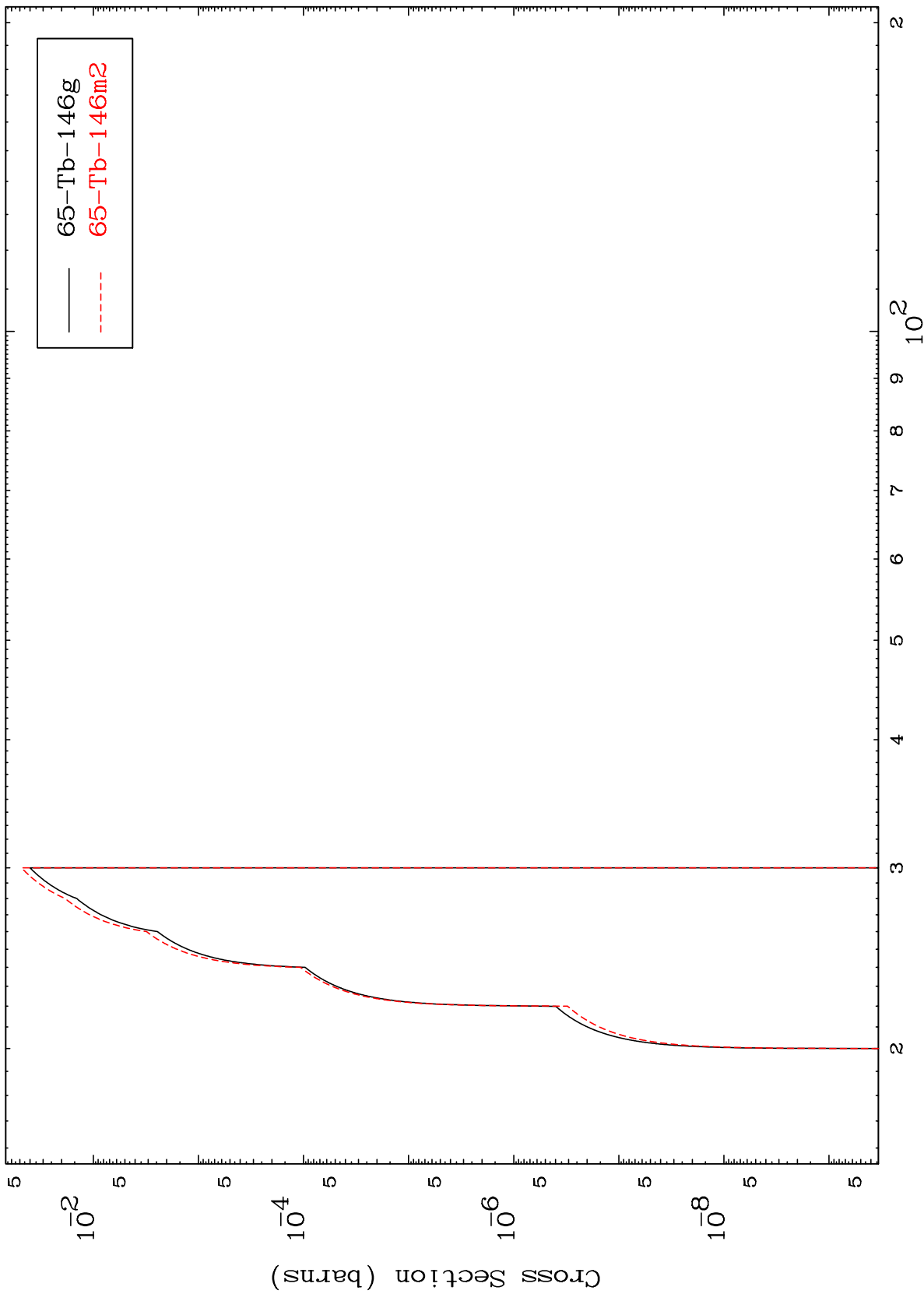
64-Gd-147

MAT 6410

(n,n') t

64-Gd-147

Radionuclide Production Cross Section

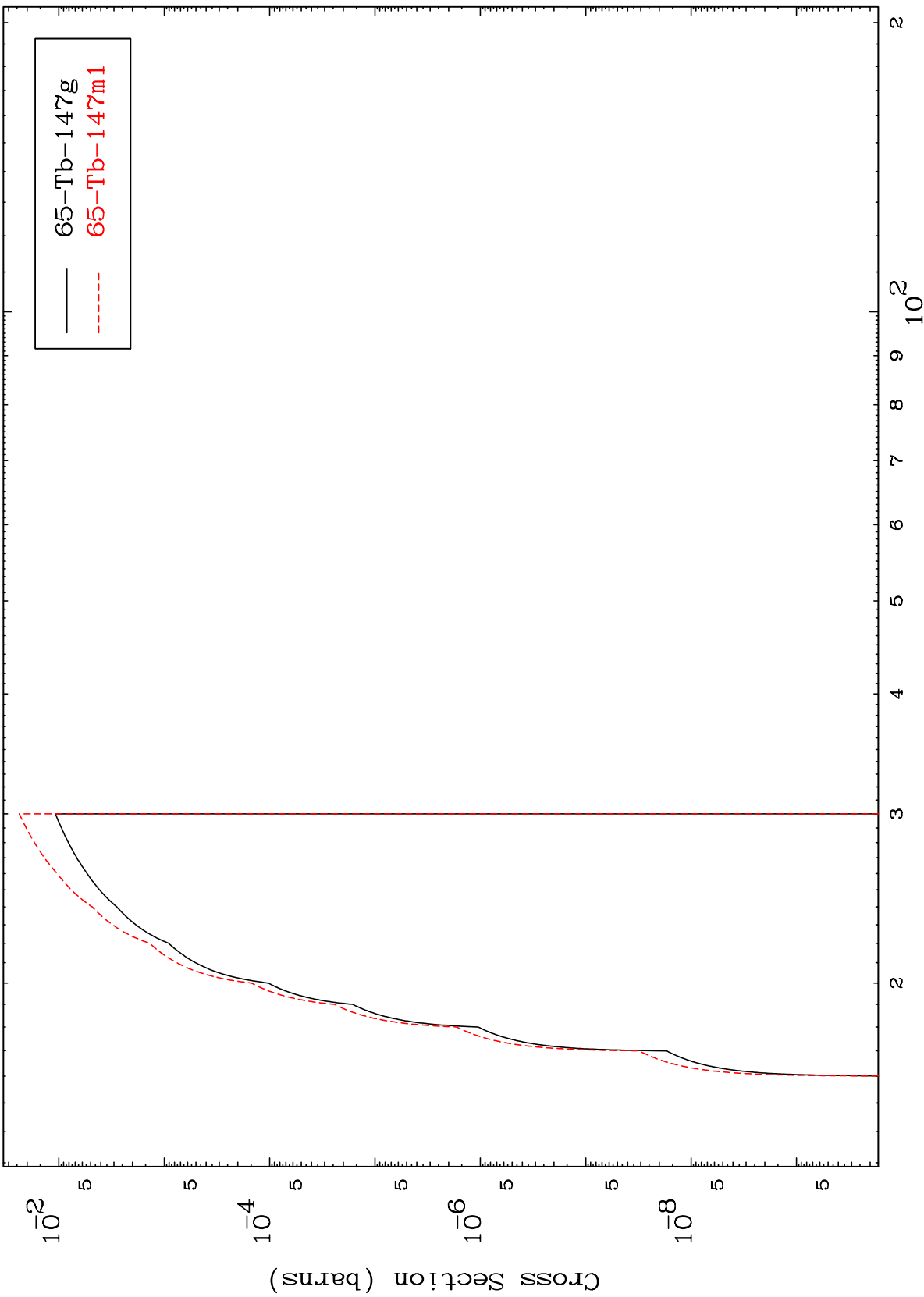


19

Incident Energy (MeV)

64-Gd-147

Radionuclide Production Cross Section

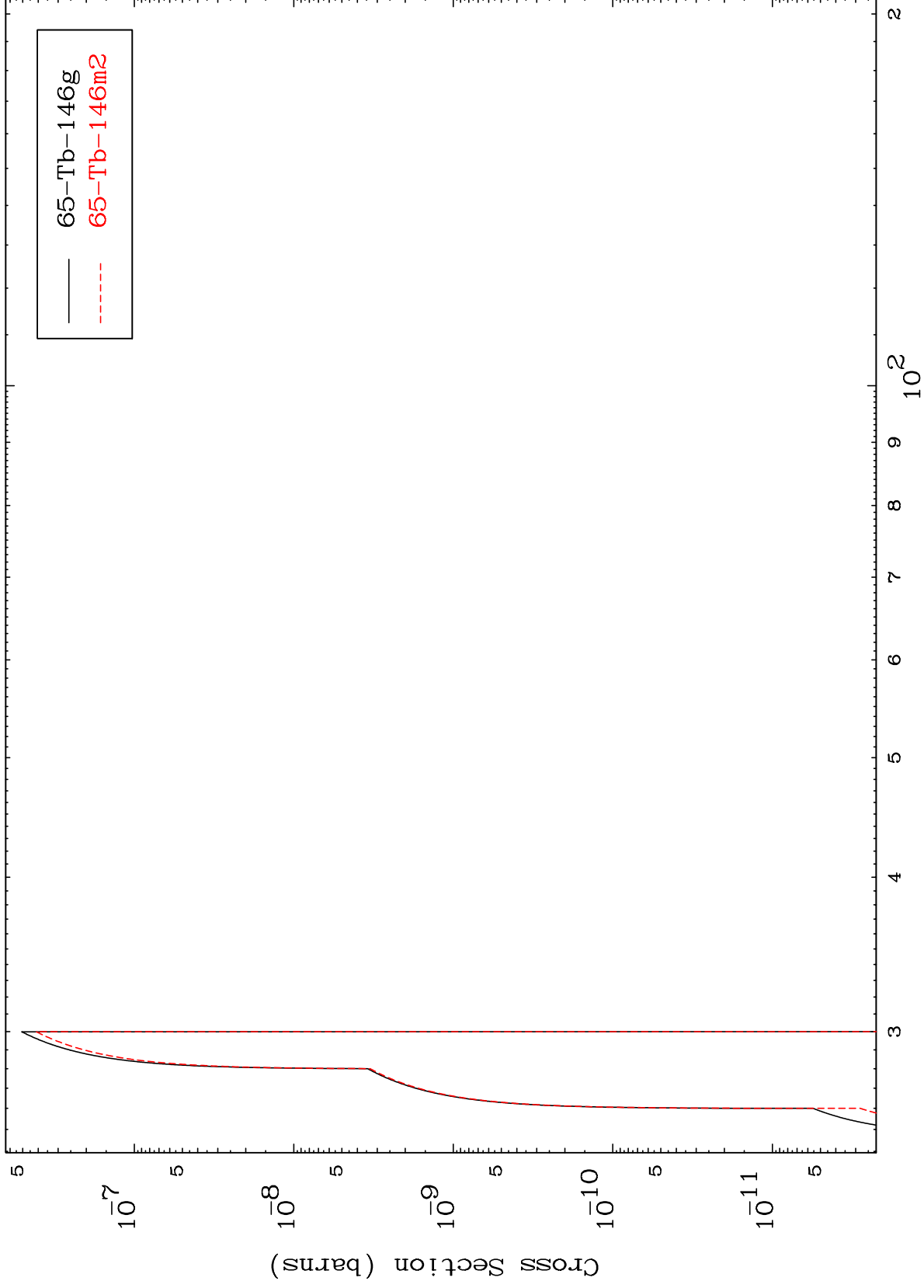


MAT 6410

(n,3n) p

64-Gd-147

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

21

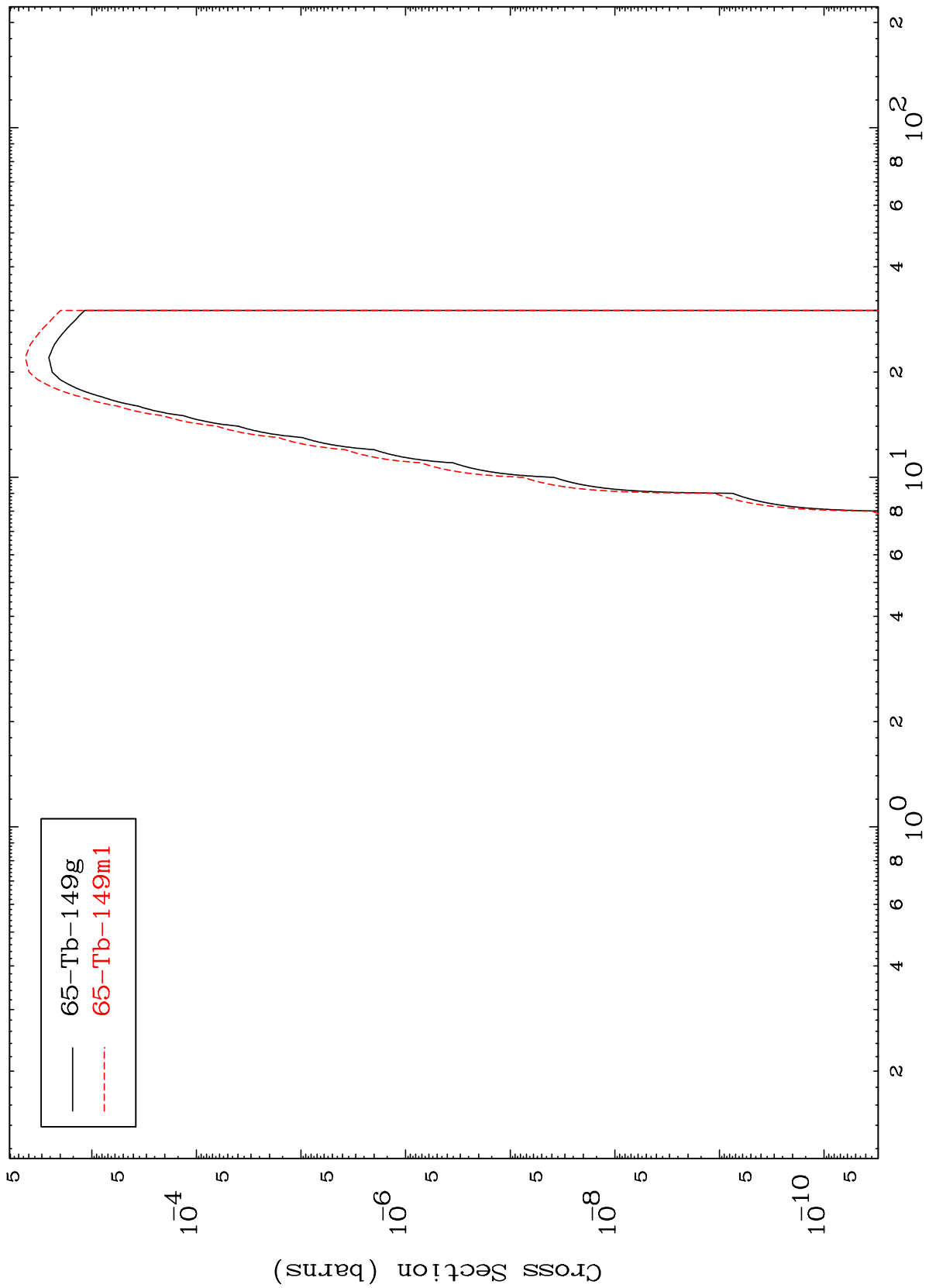
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(n,p)
Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

64-Gd-147

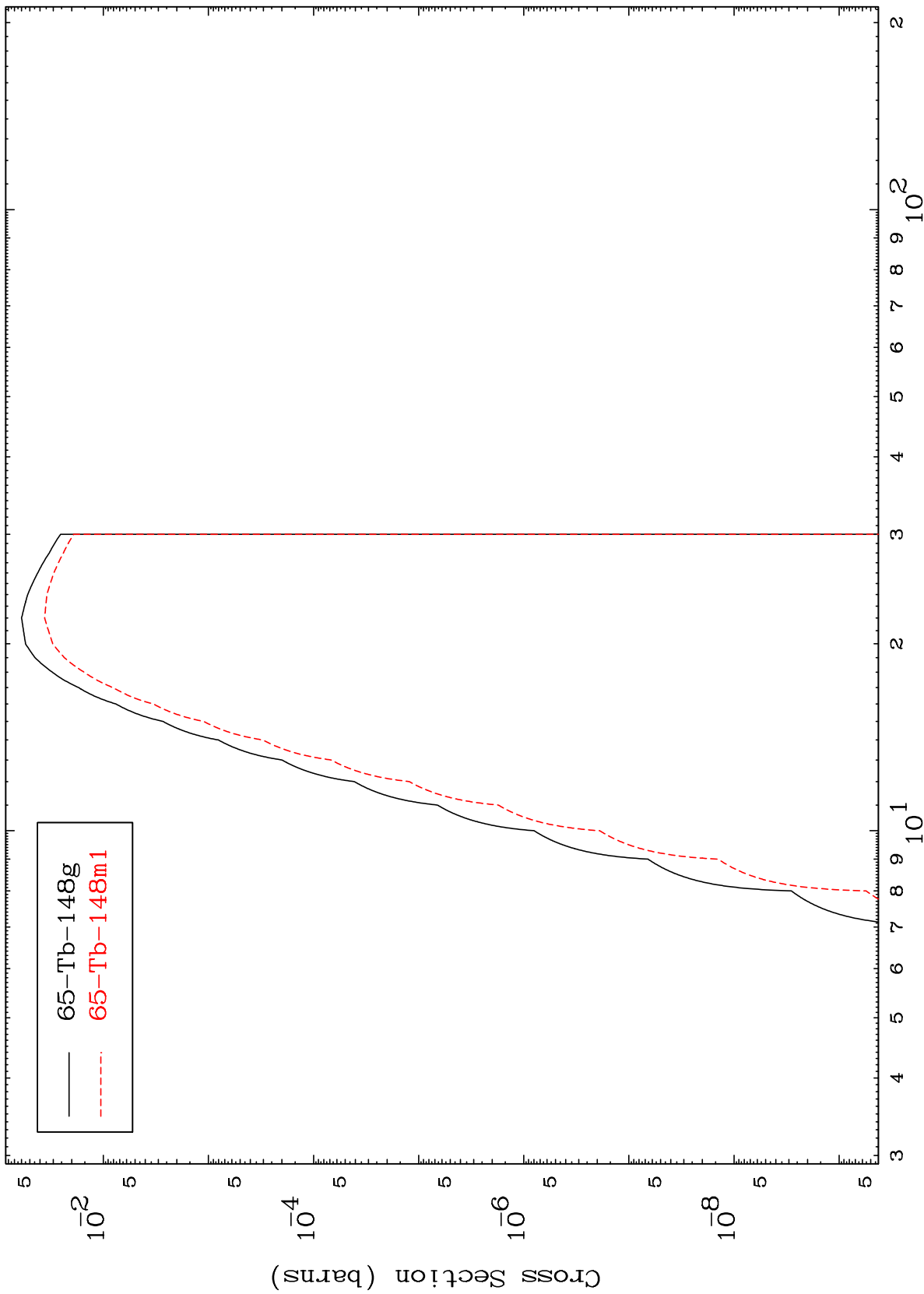
Incident Energy (MeV)

22

MAT 6410

64-Gd-147

(n,d)
Radionuclide Production Cross Section



— 65-Tb-148g
- - - 65-Tb-148m1

64-Gd-147

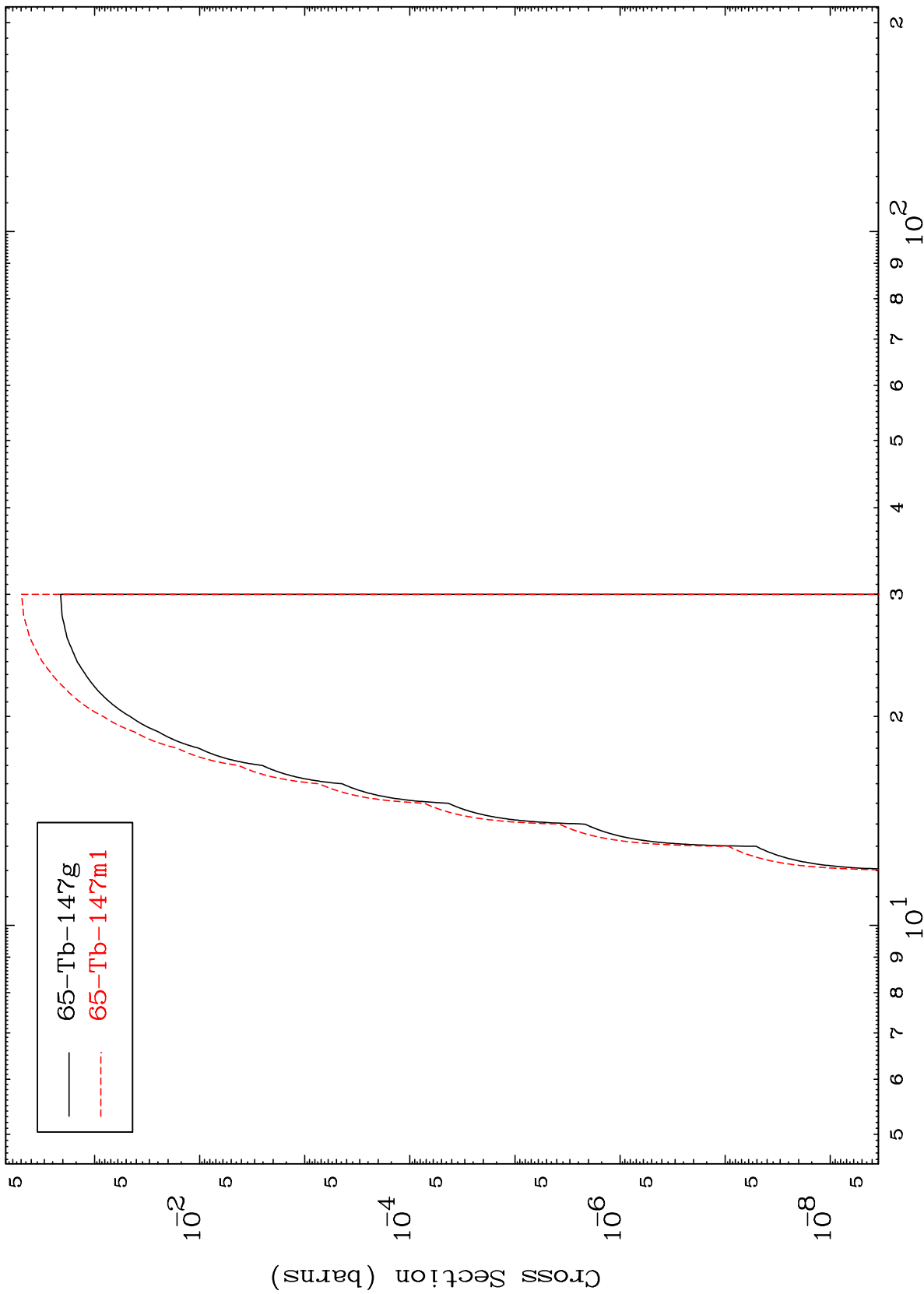
Incident Energy (MeV)

23

MAT 6410

64-Gd-147

(n, t)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

64-Gd-147