

Program EVALPLOT
(Version 2021-1)

by

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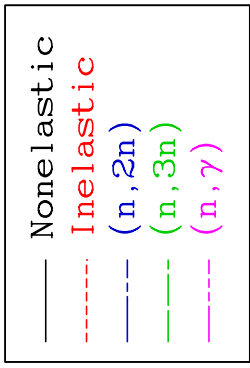
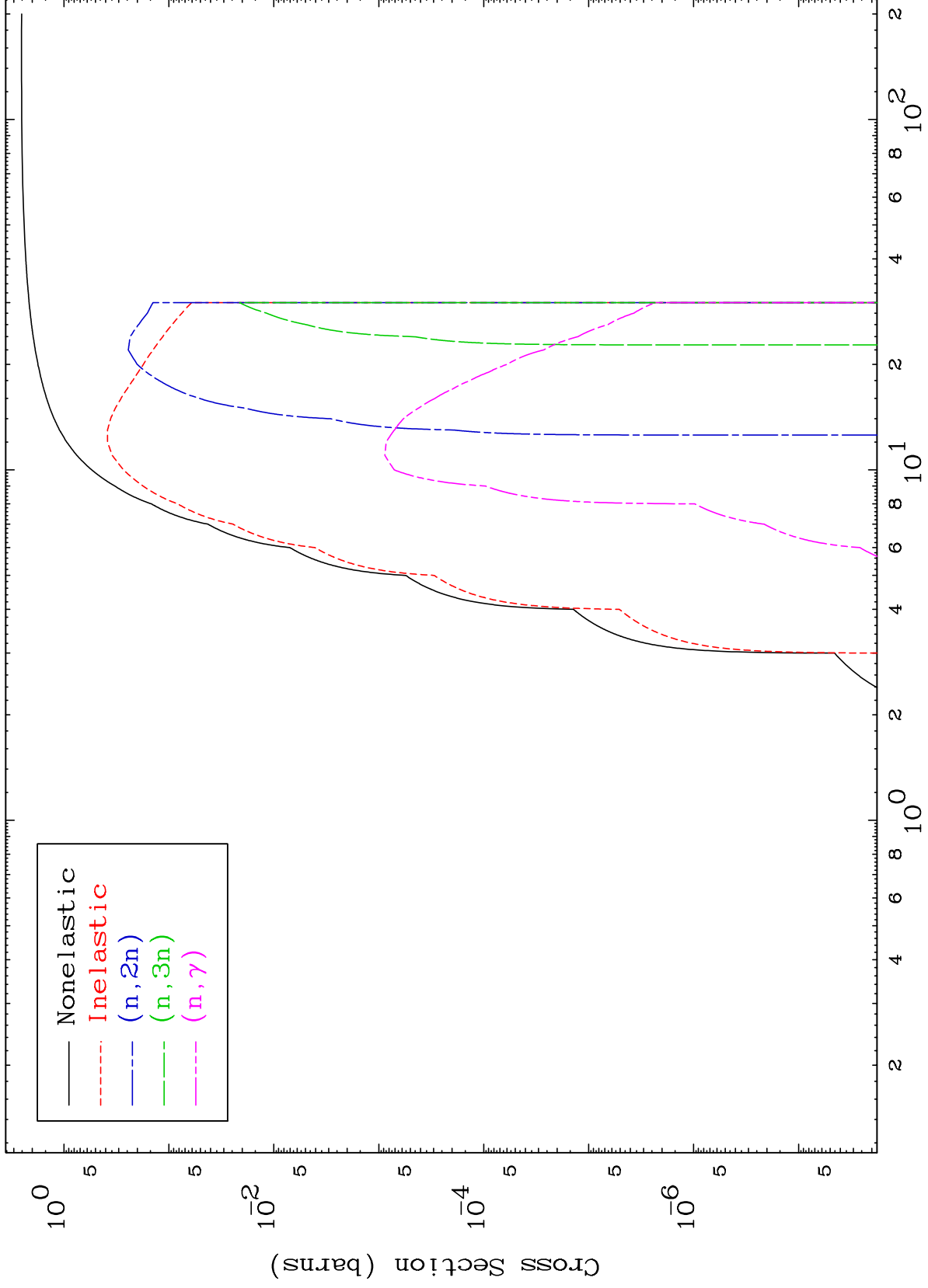
Press Mouse Button to Start

MAT 6401

Deuteron Major

64-Gd-144

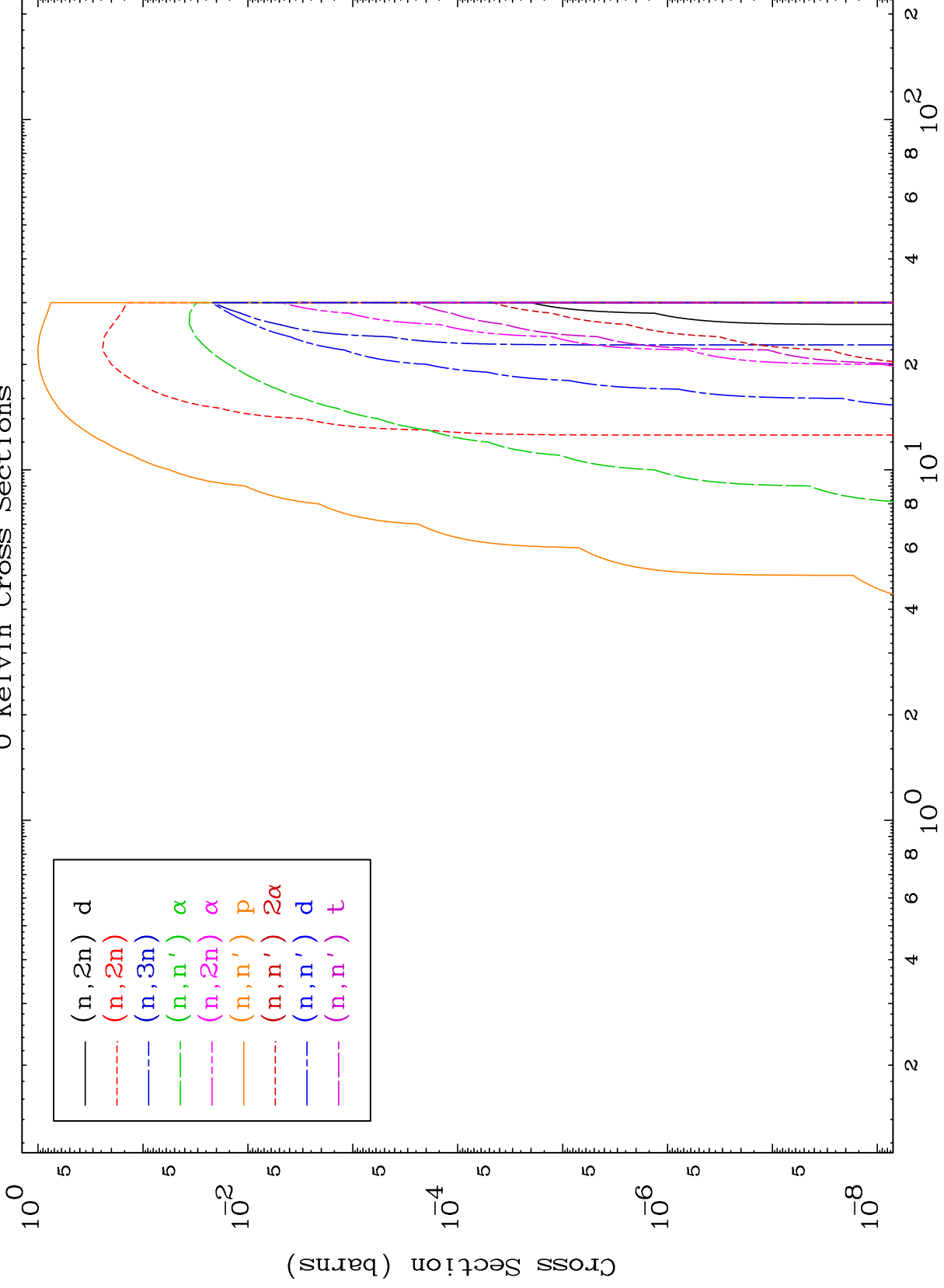
0 Kelvin Cross Sections

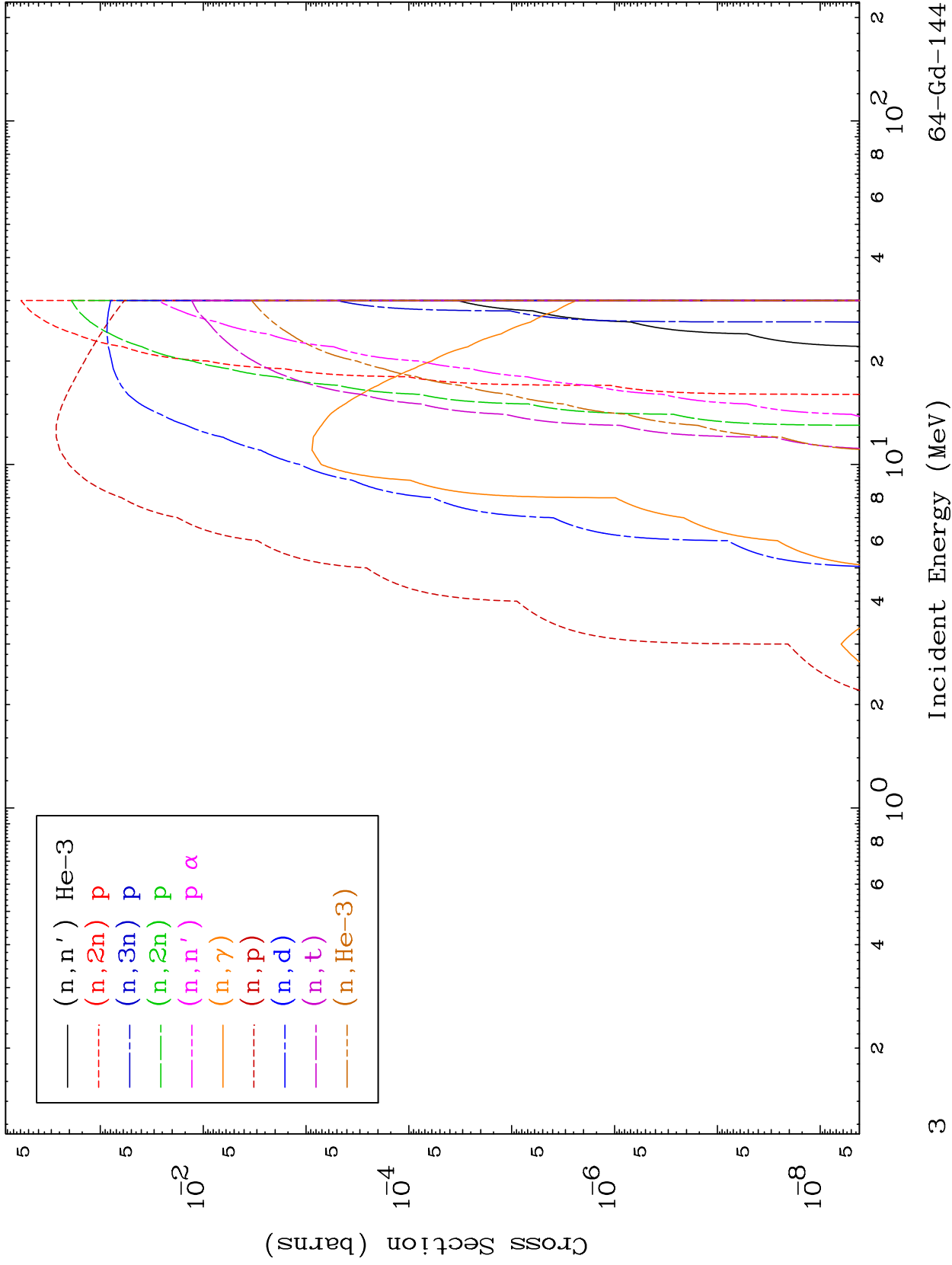


MAT 6401

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-144

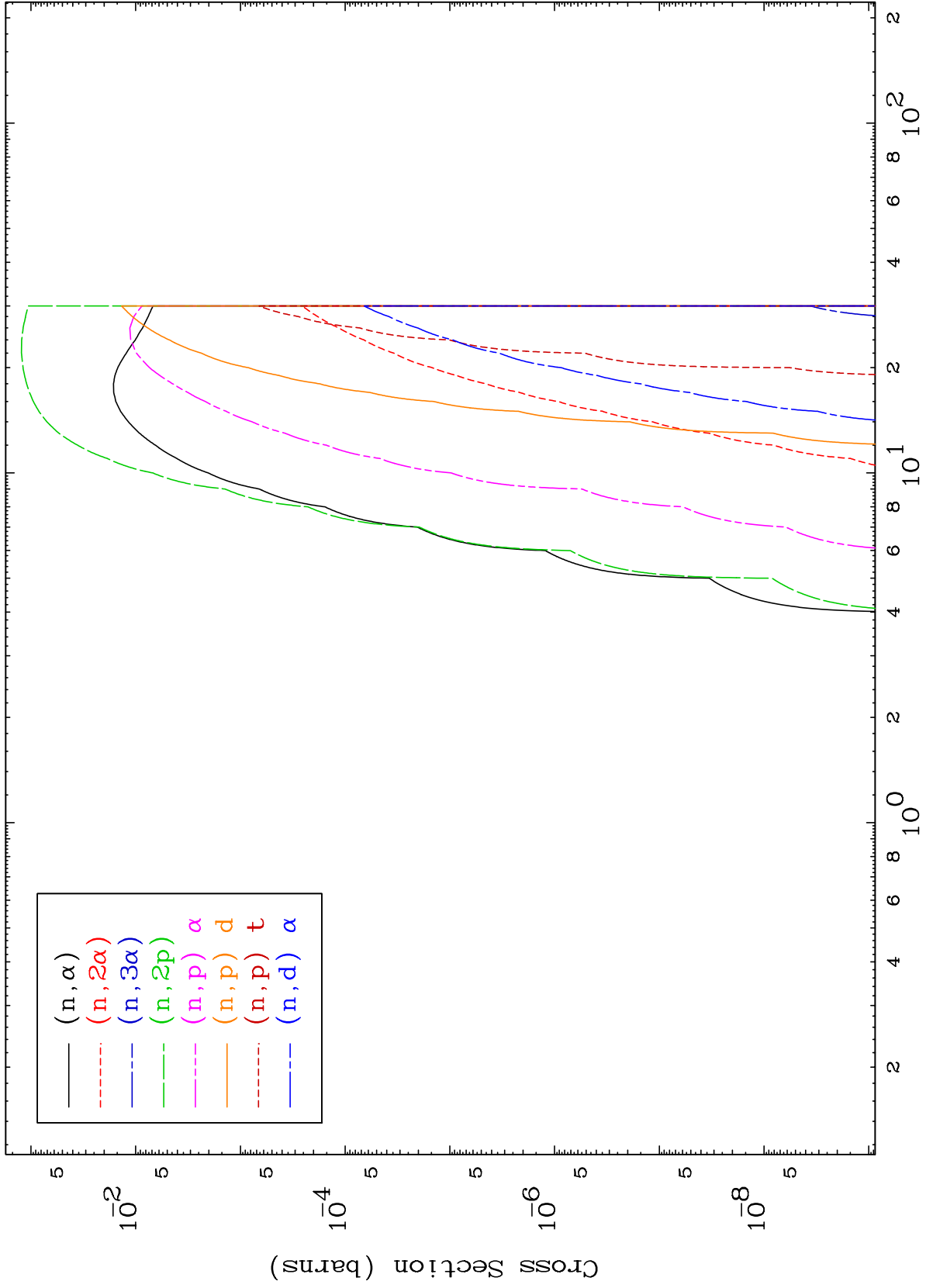


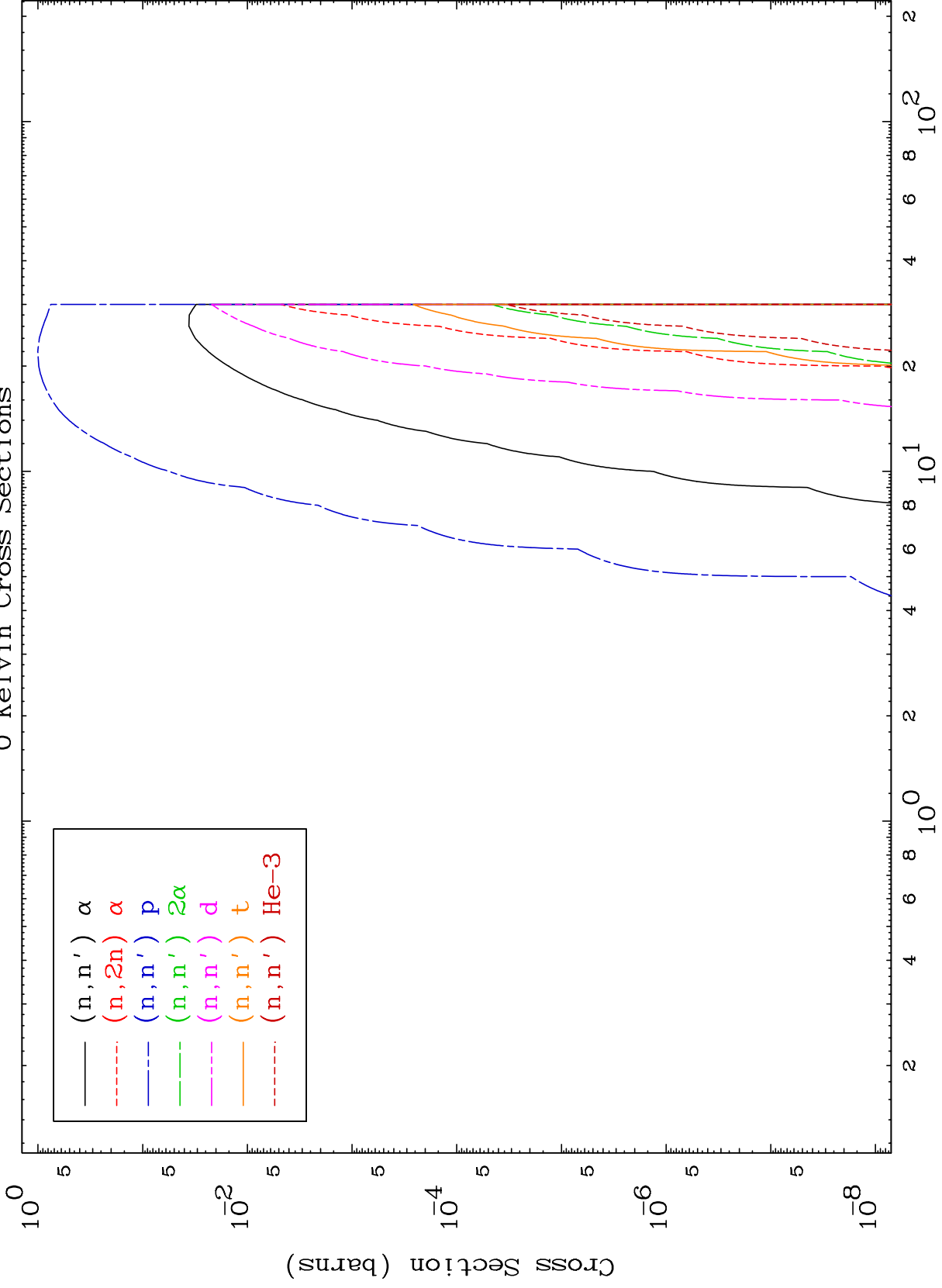


MAT 6401

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-144

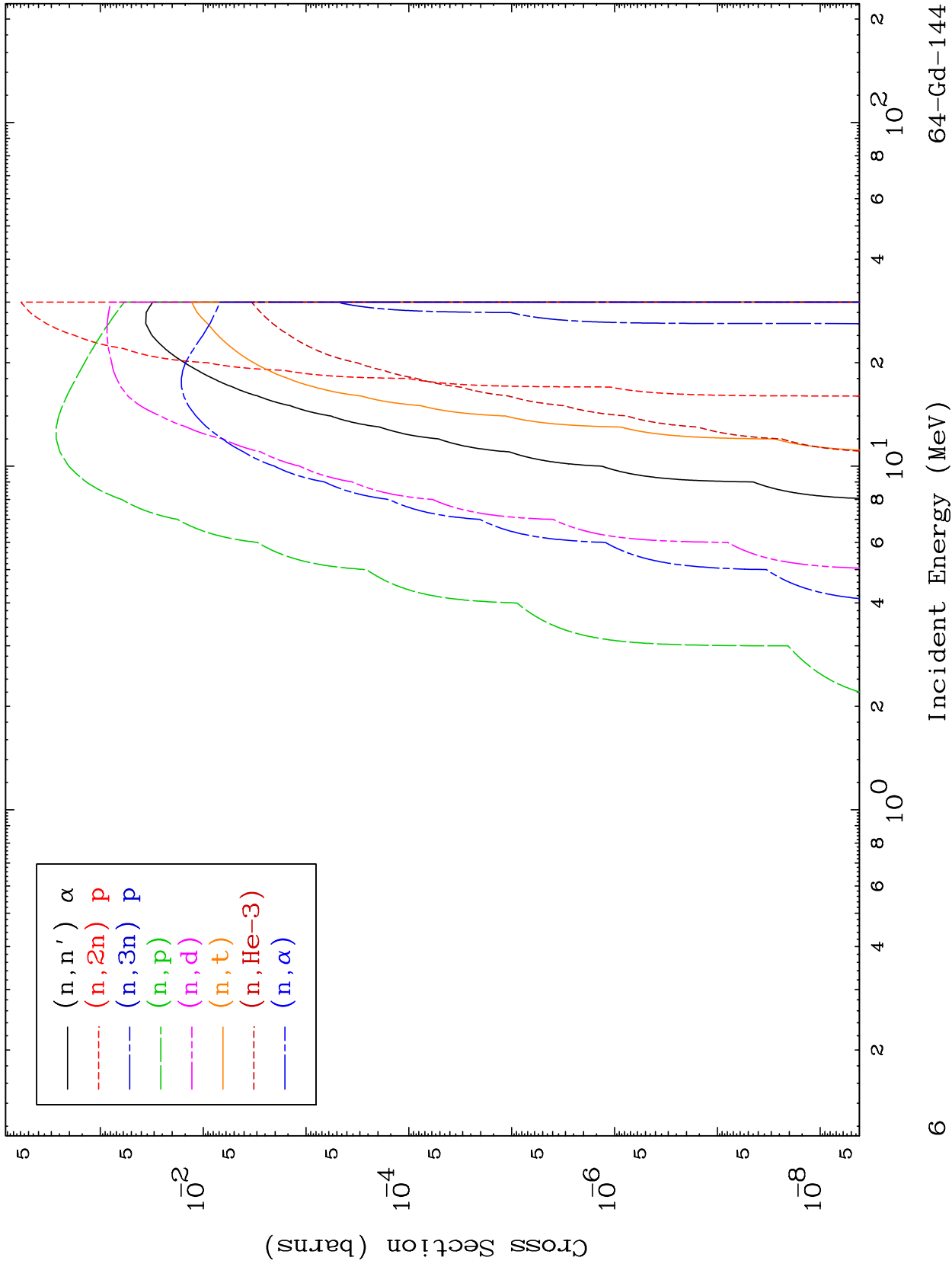




MAT 6401

Deuteron Charged Particle
0 Kelvin Cross Sections

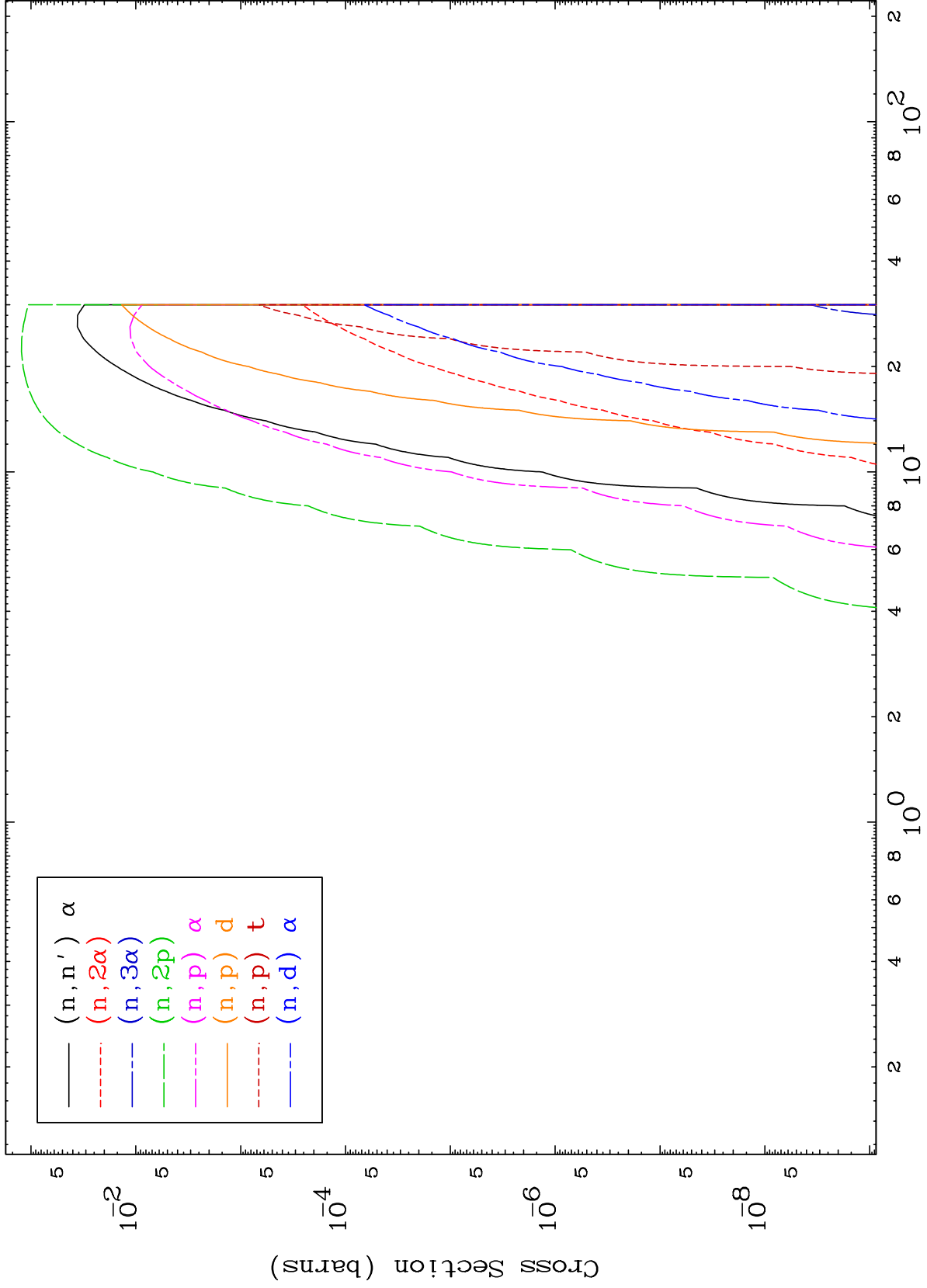
64-Gd-144



MAT 6401

Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-144

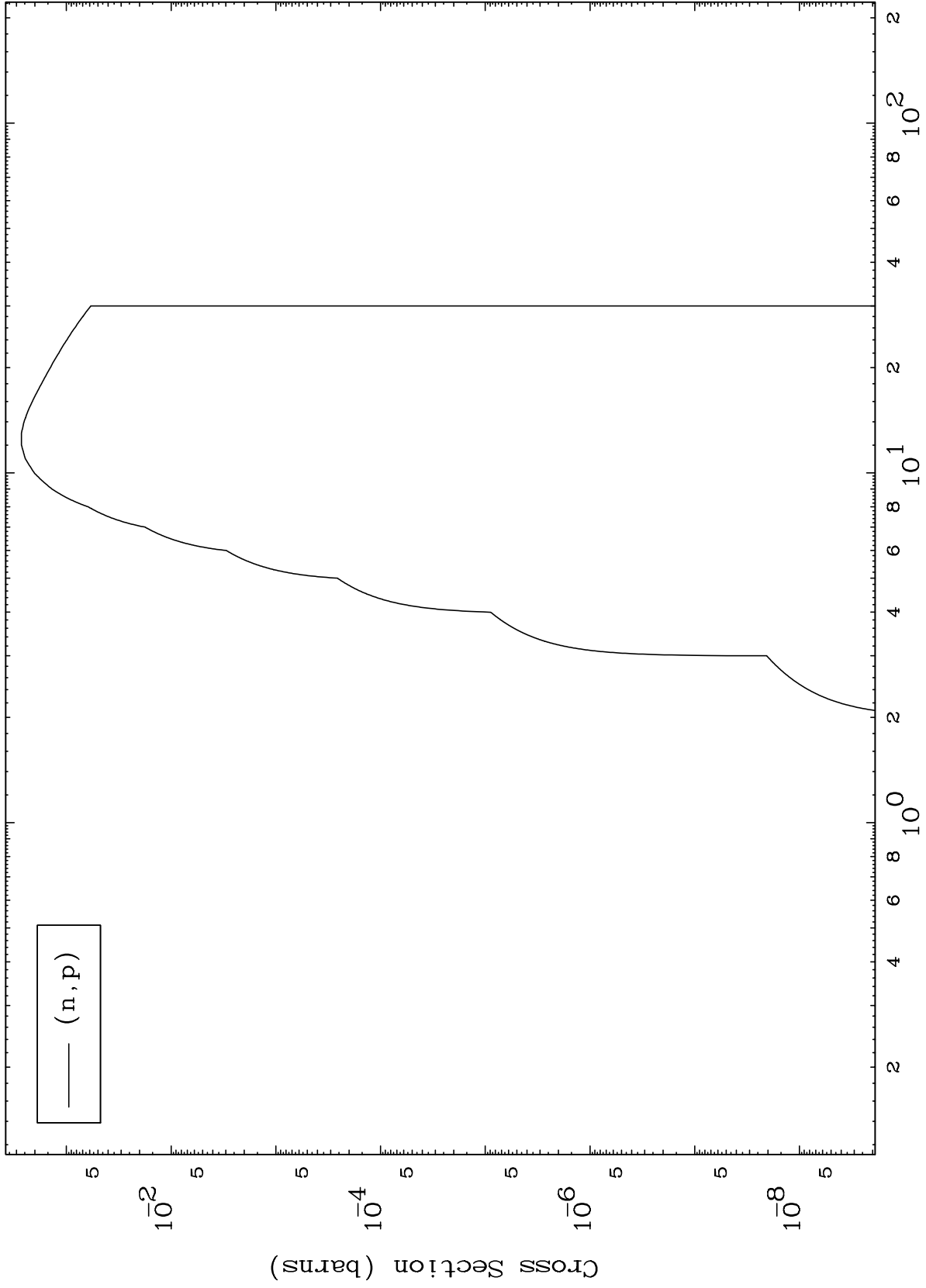


MAT 6401

(d,p) Levels

64-Gd-144

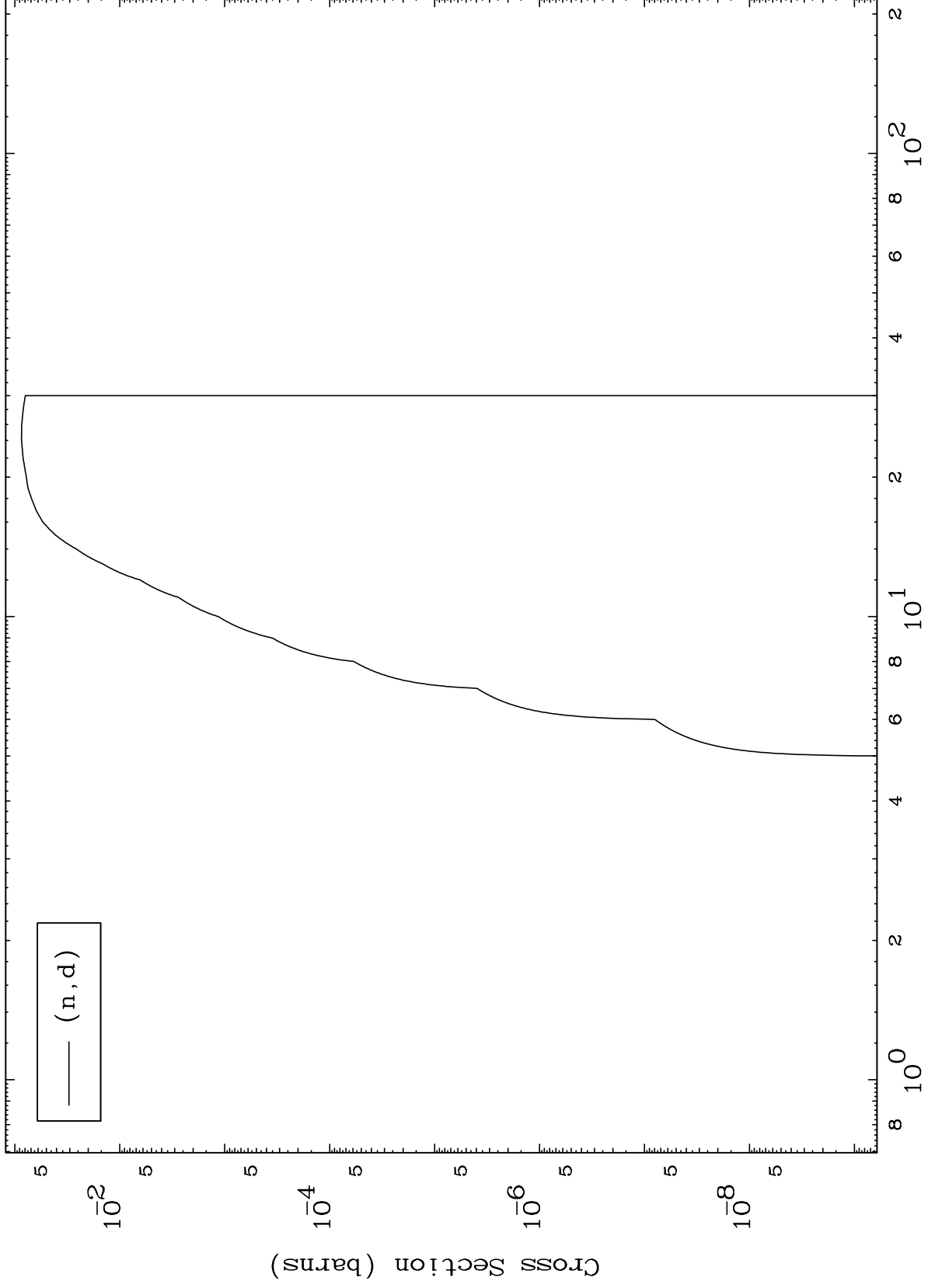
0 Kelvin Cross Sections



MAT 6401

64-Gd-144

(d,d) Levels
0 Kelvin Cross Sections



9

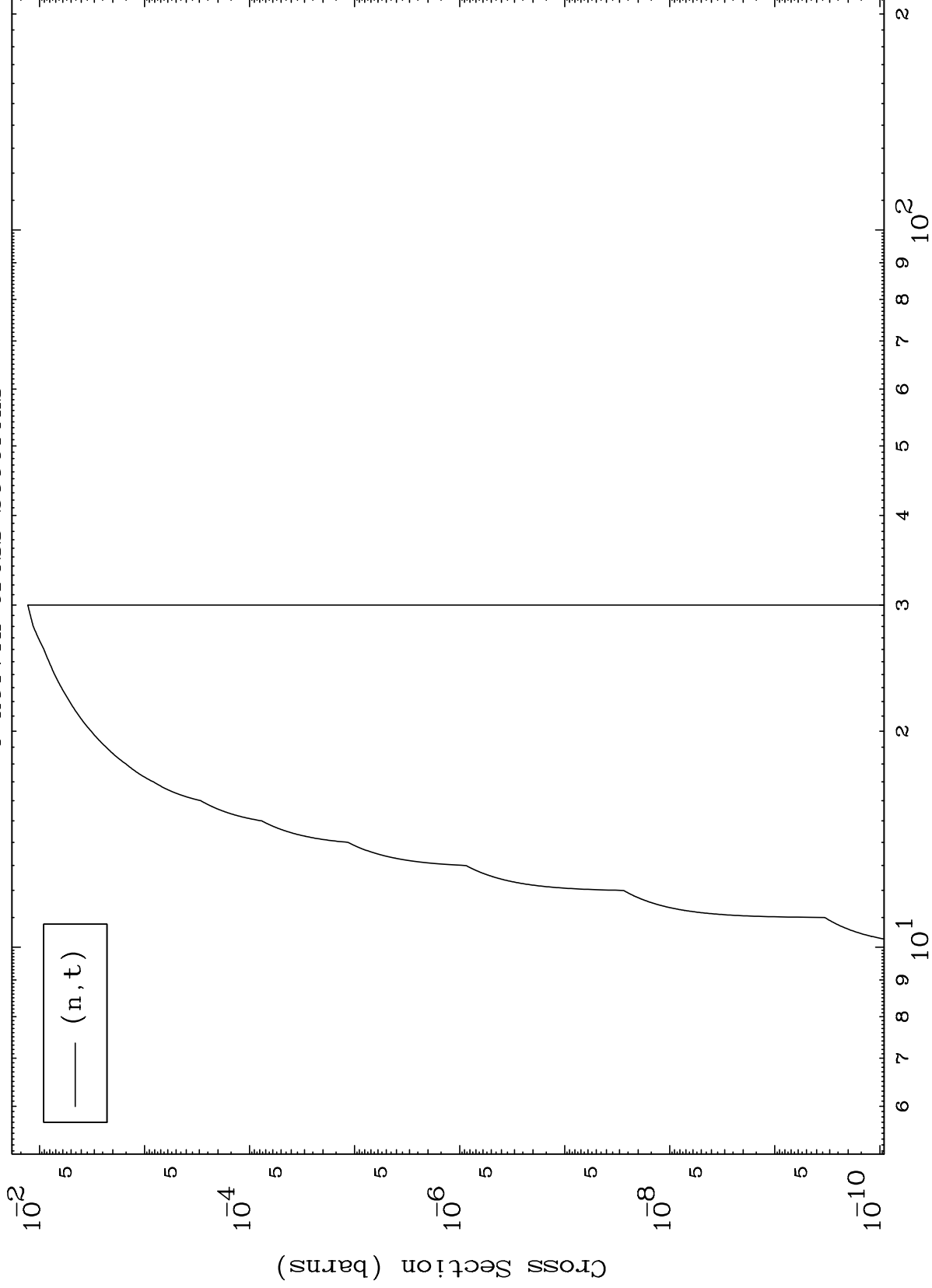
Incident Energy (MeV)

64-Gd-144

MAT 6401

(d, t) Levels
0 Kelvin Cross Sections

64-Gd-144



10

Incident Energy (MeV)

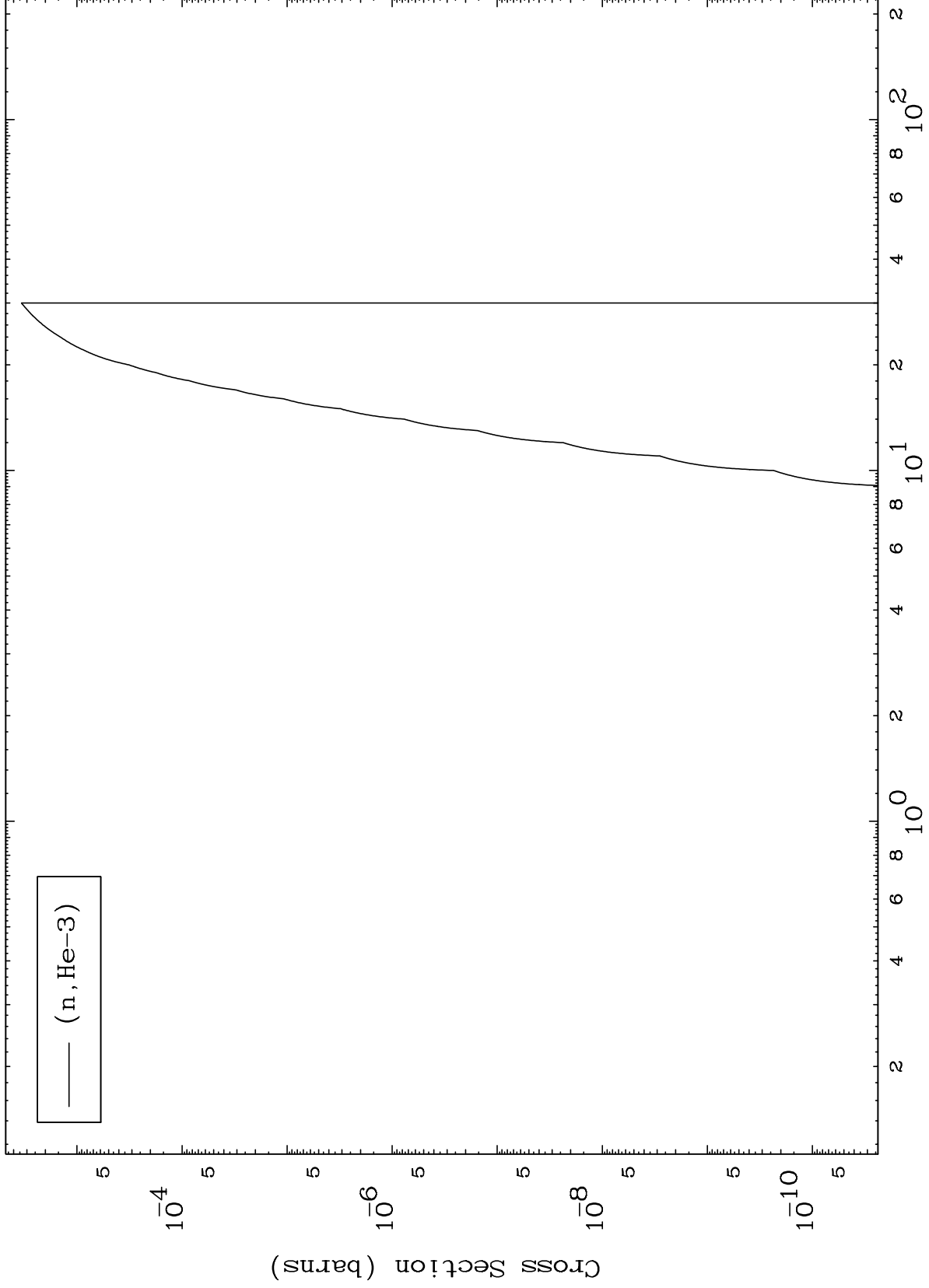
64-Gd-144

MAT 6401

(d,He3) Levels

64-Gd-144

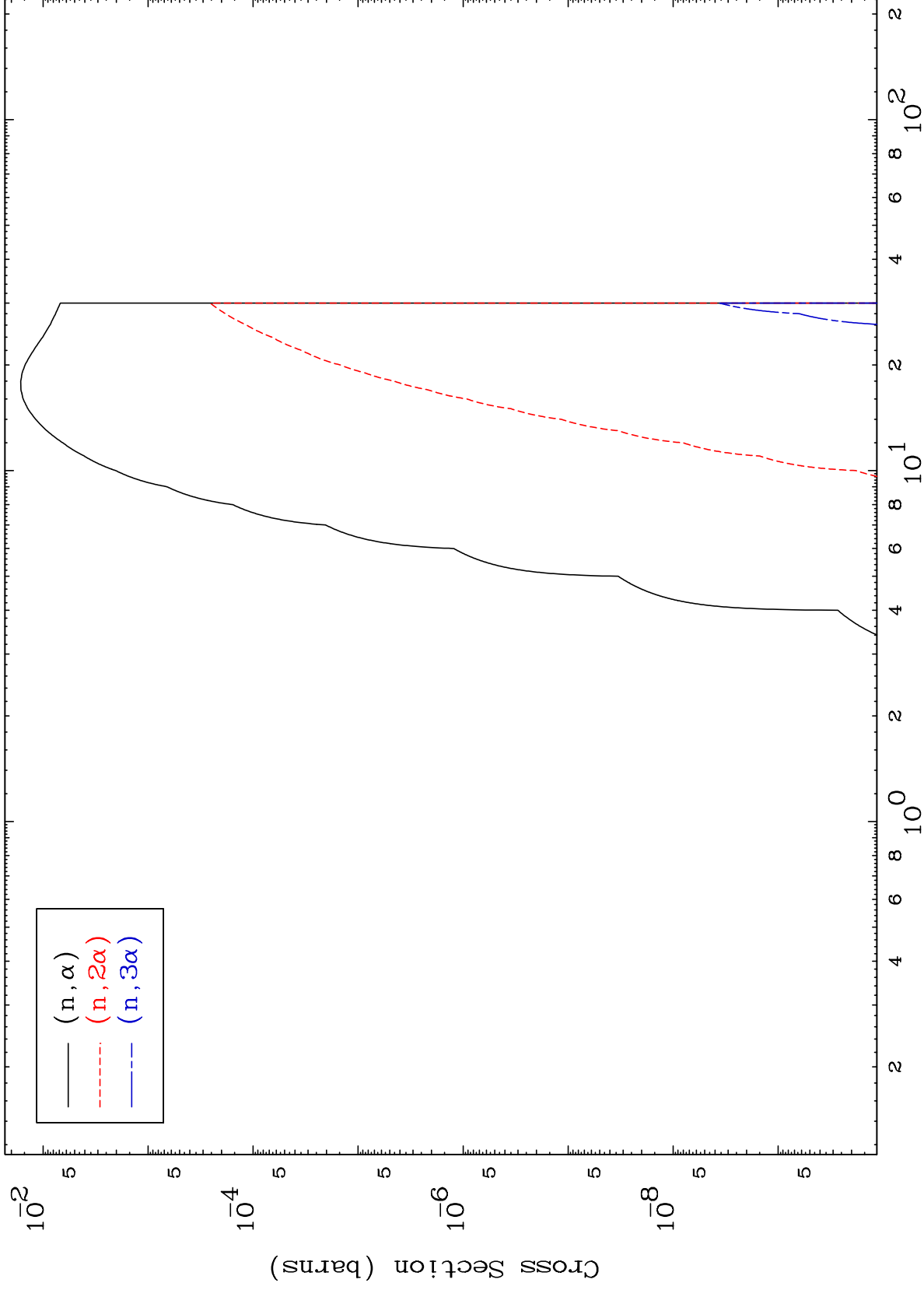
0 Kelvin Cross Sections



MAT 6401

64-Gd-144

(d, α) Levels
0 Kelvin Cross Sections



64-Gd-144

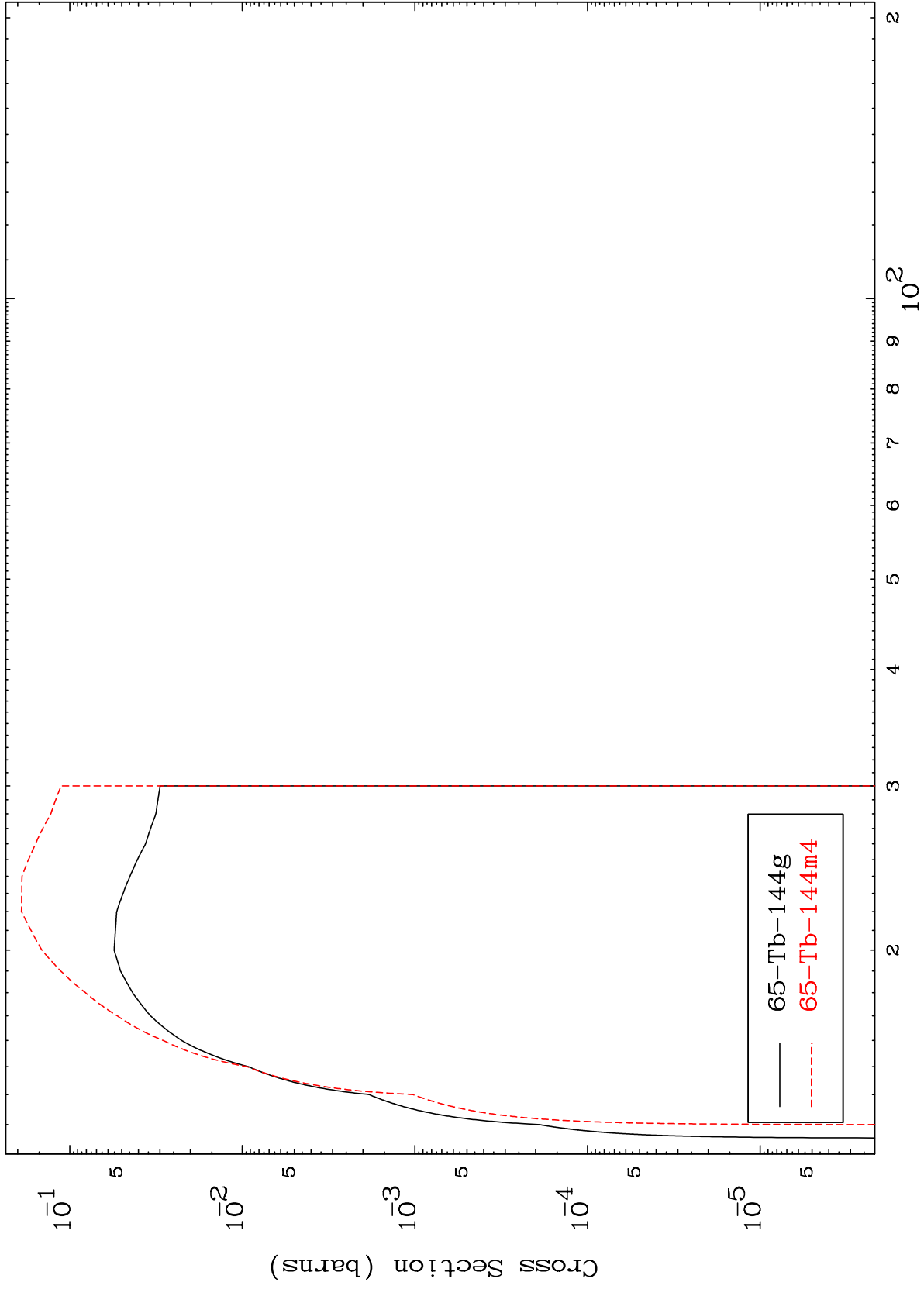
Incident Energy (MeV)

12

MAT 6401

64-Gd-144

(n,2n)
Radionuclide Production Cross Section

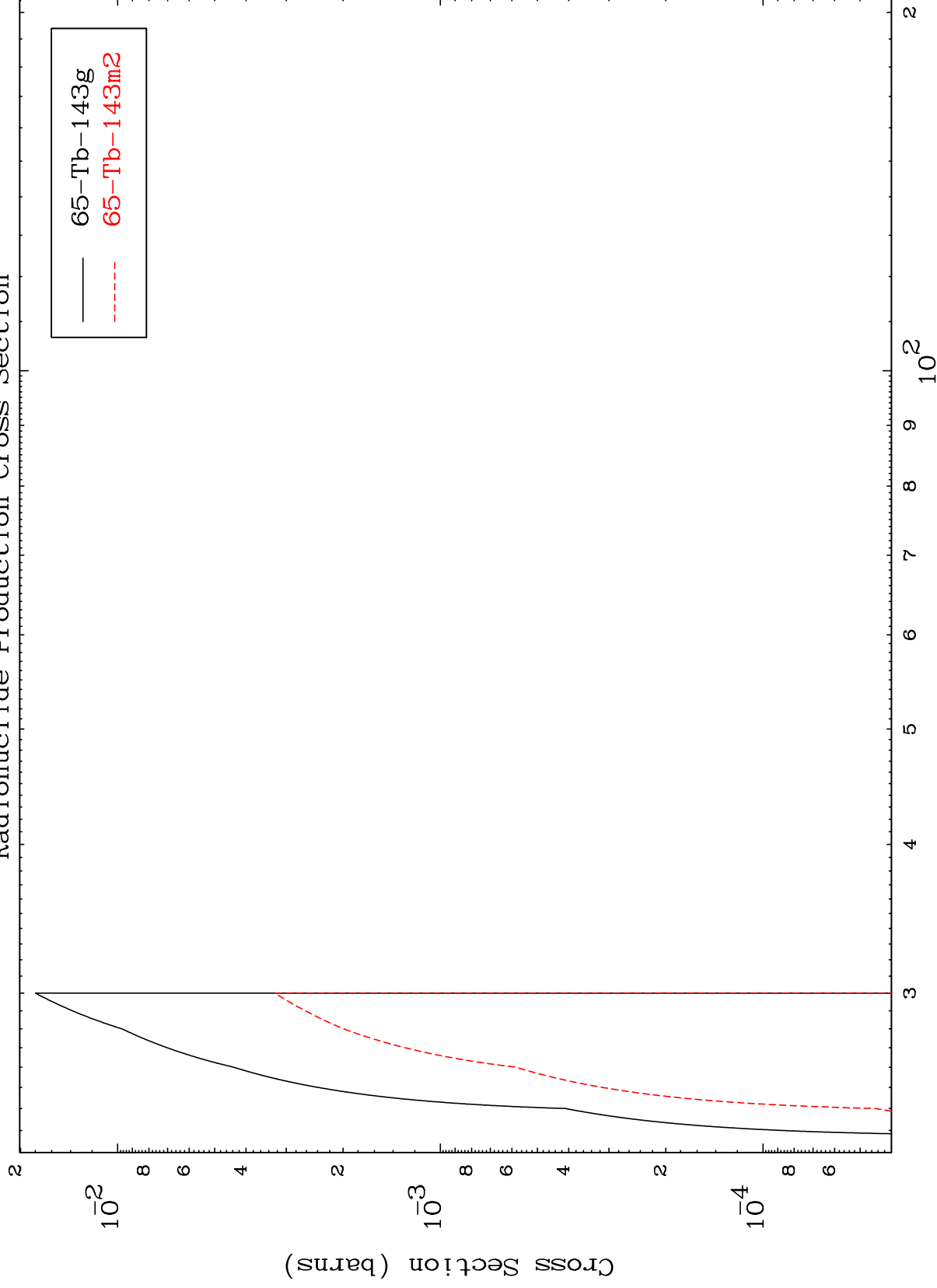


MAT 6401

(n,3n)

64-Gd-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

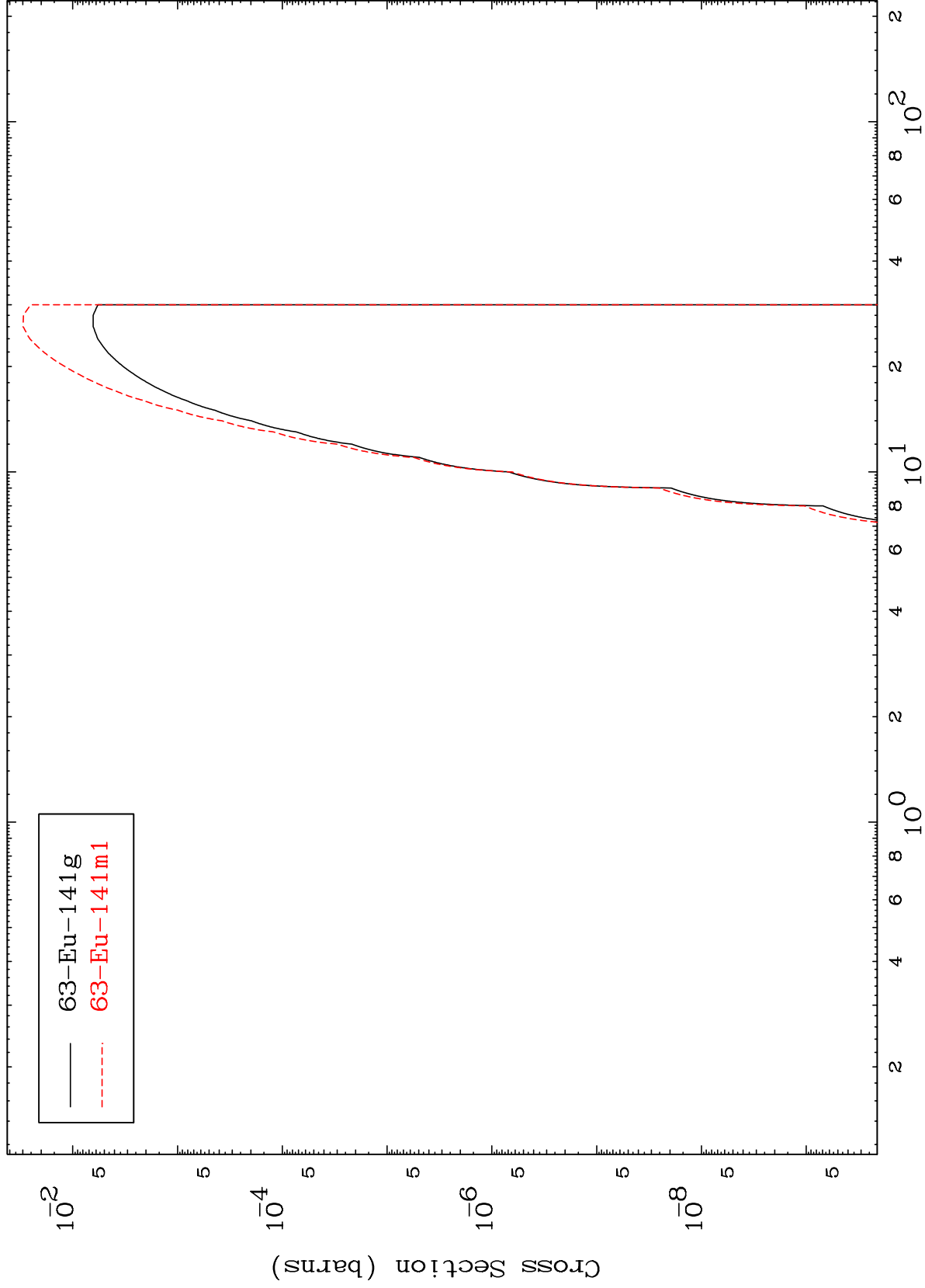
64-Gd-144

MAT 6401

(n,n') α

64-Gd-144

Radionuclide Production Cross Section



15

Incident Energy (MeV)

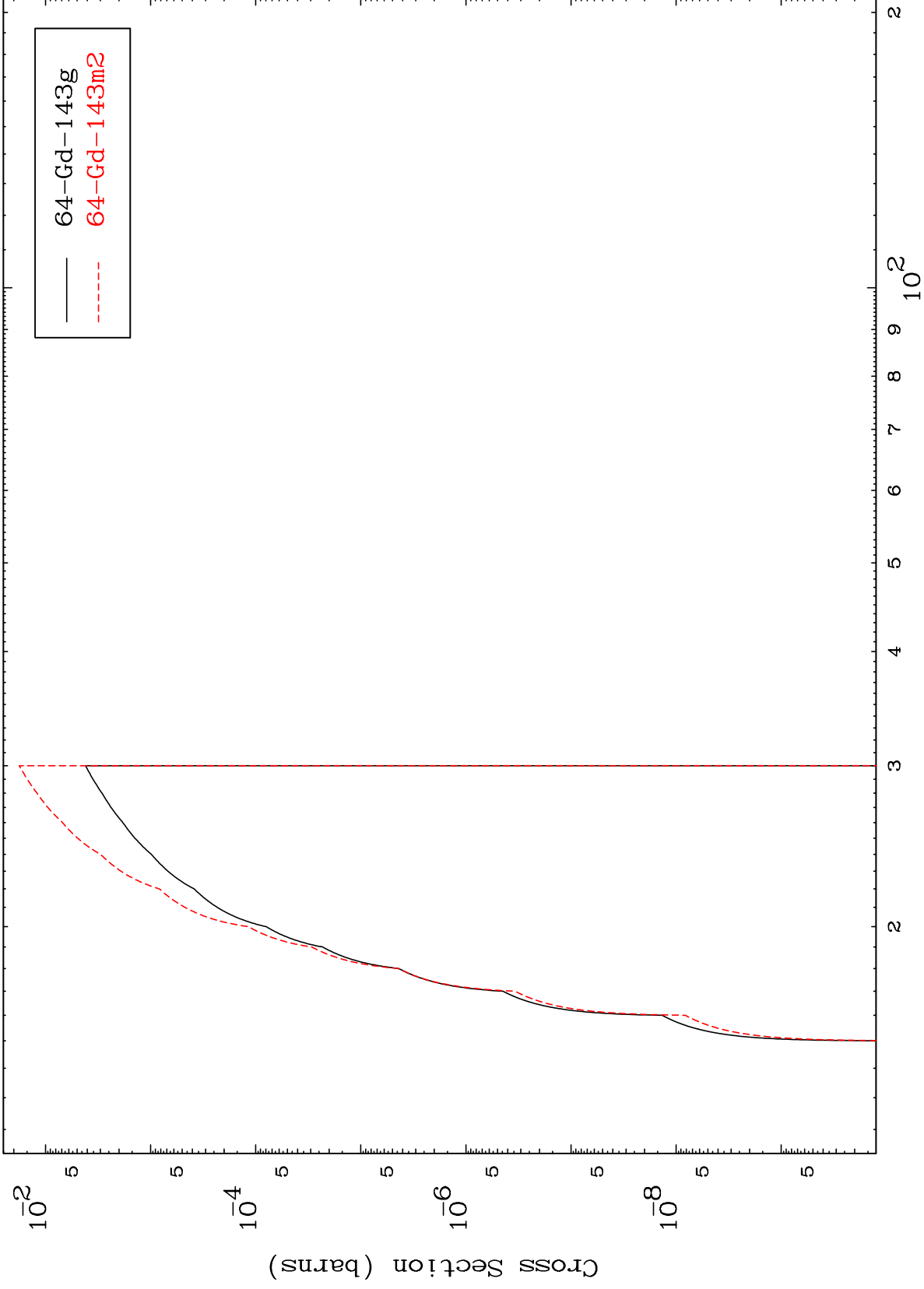
64-Gd-144

MAT 6401

(n,n') d

64-Gd-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

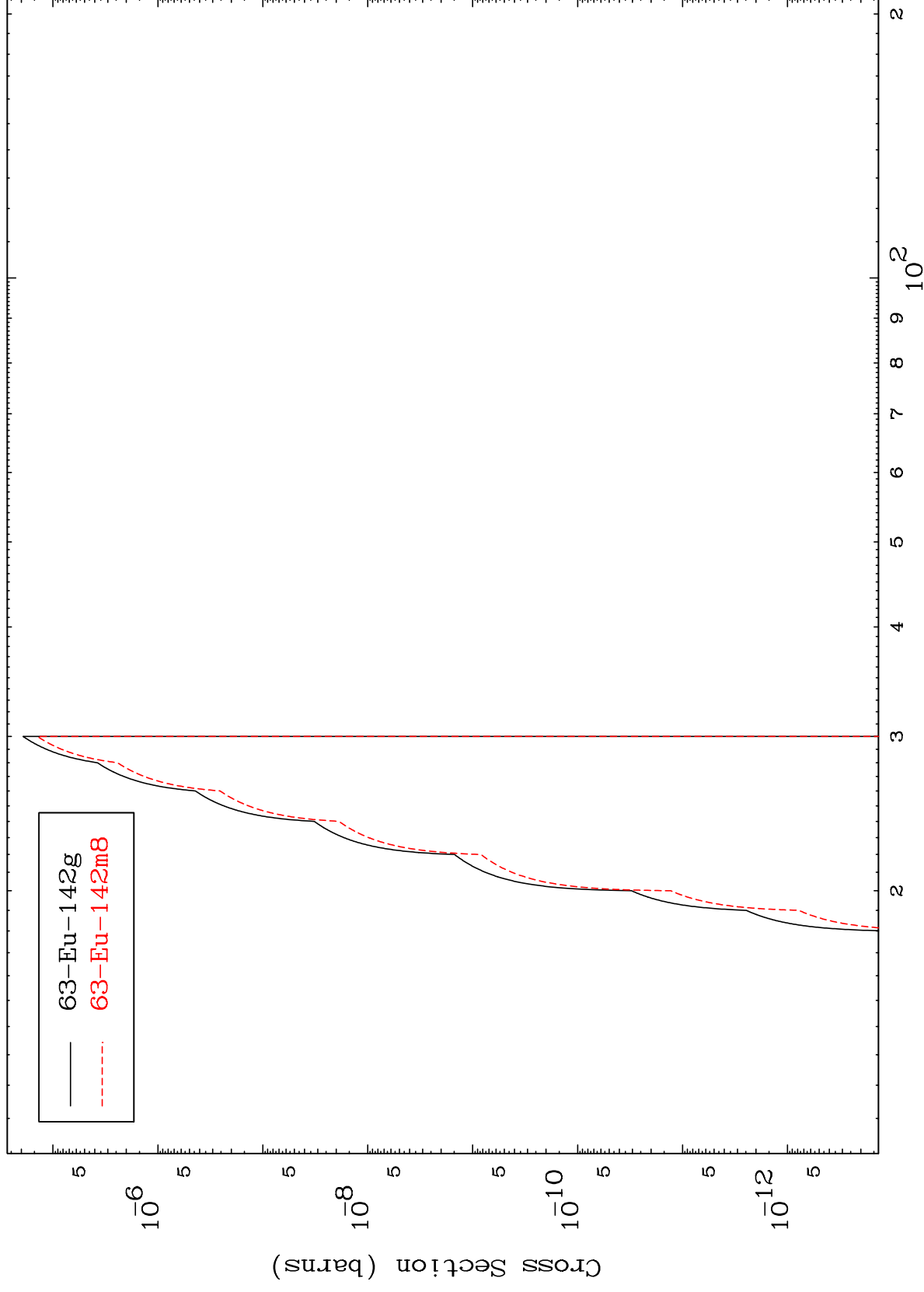
64-Gd-144

MAT 6401

(n,n') He-3

64-Gd-144

Radionuclide Production Cross Section



17

Incident Energy (MeV)

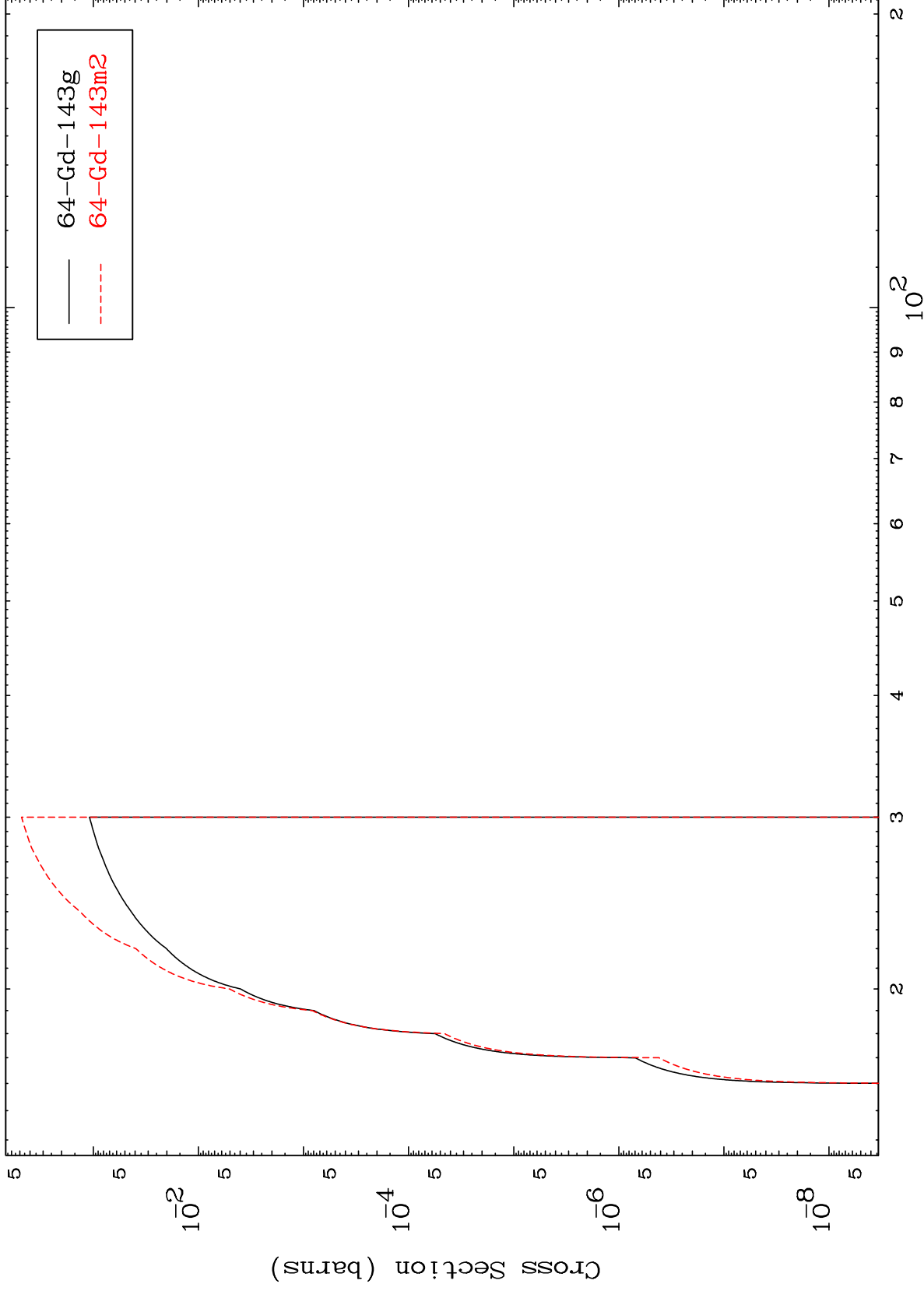
64-Gd-144

MAT 6401

(n,2n) p

64-Gd-144

Radionuclide Production Cross Section



18

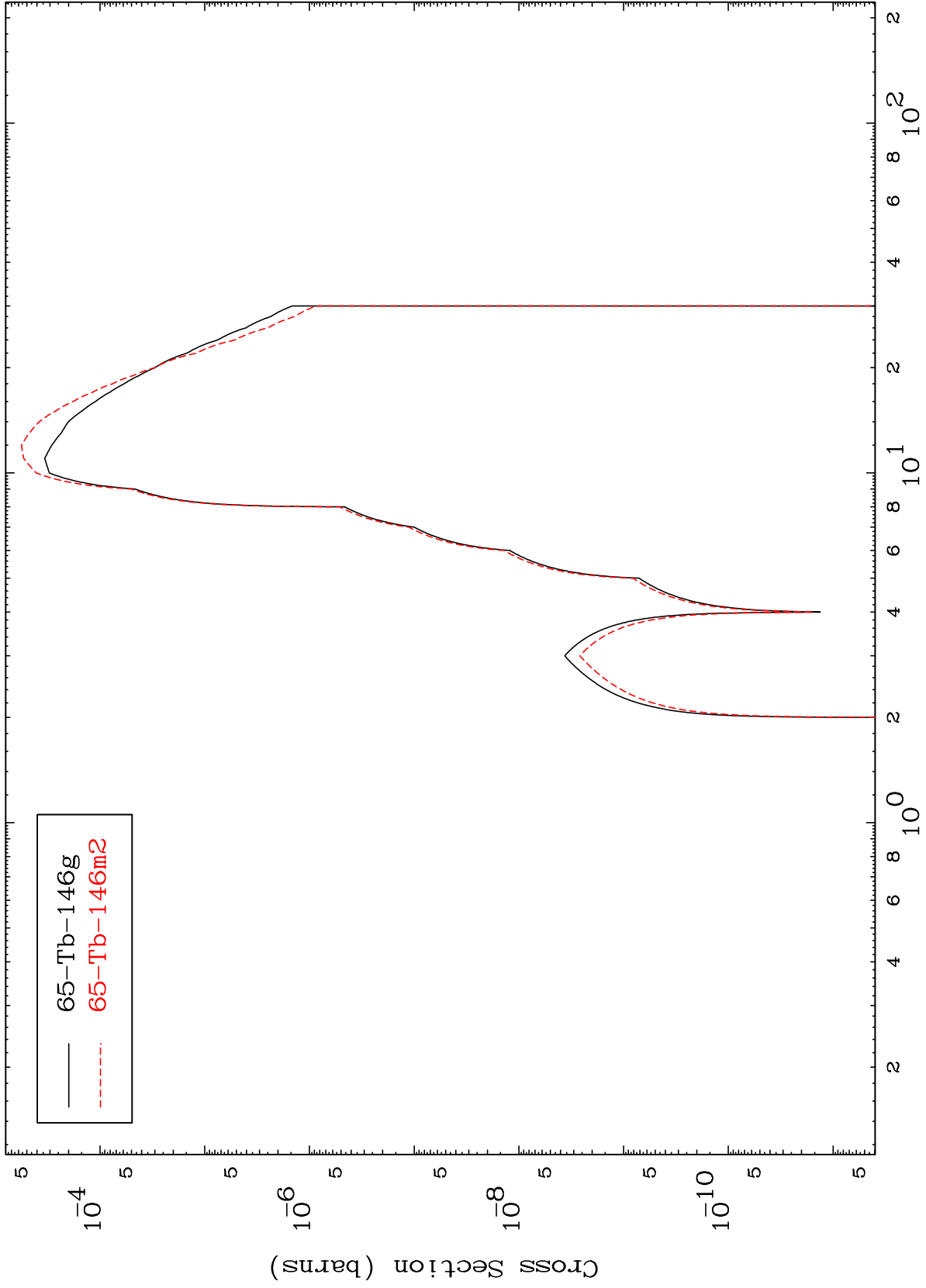
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

(n, γ)
Radionuclide Production Cross Section



19

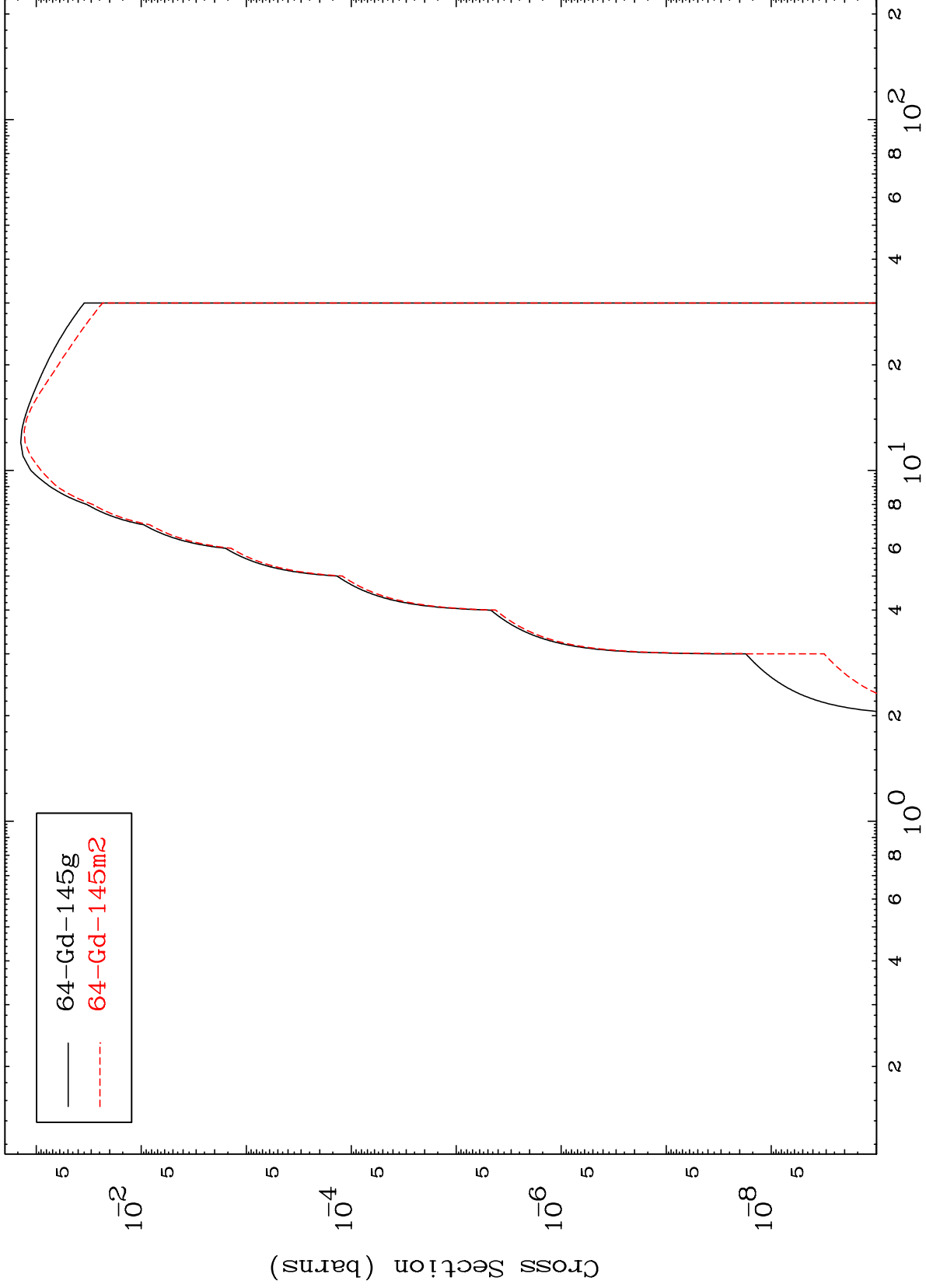
64-Gd-144

Incident Energy (MeV)

MAT 6401

64-Gd-144

(n,p)
Radionuclide Production Cross Section



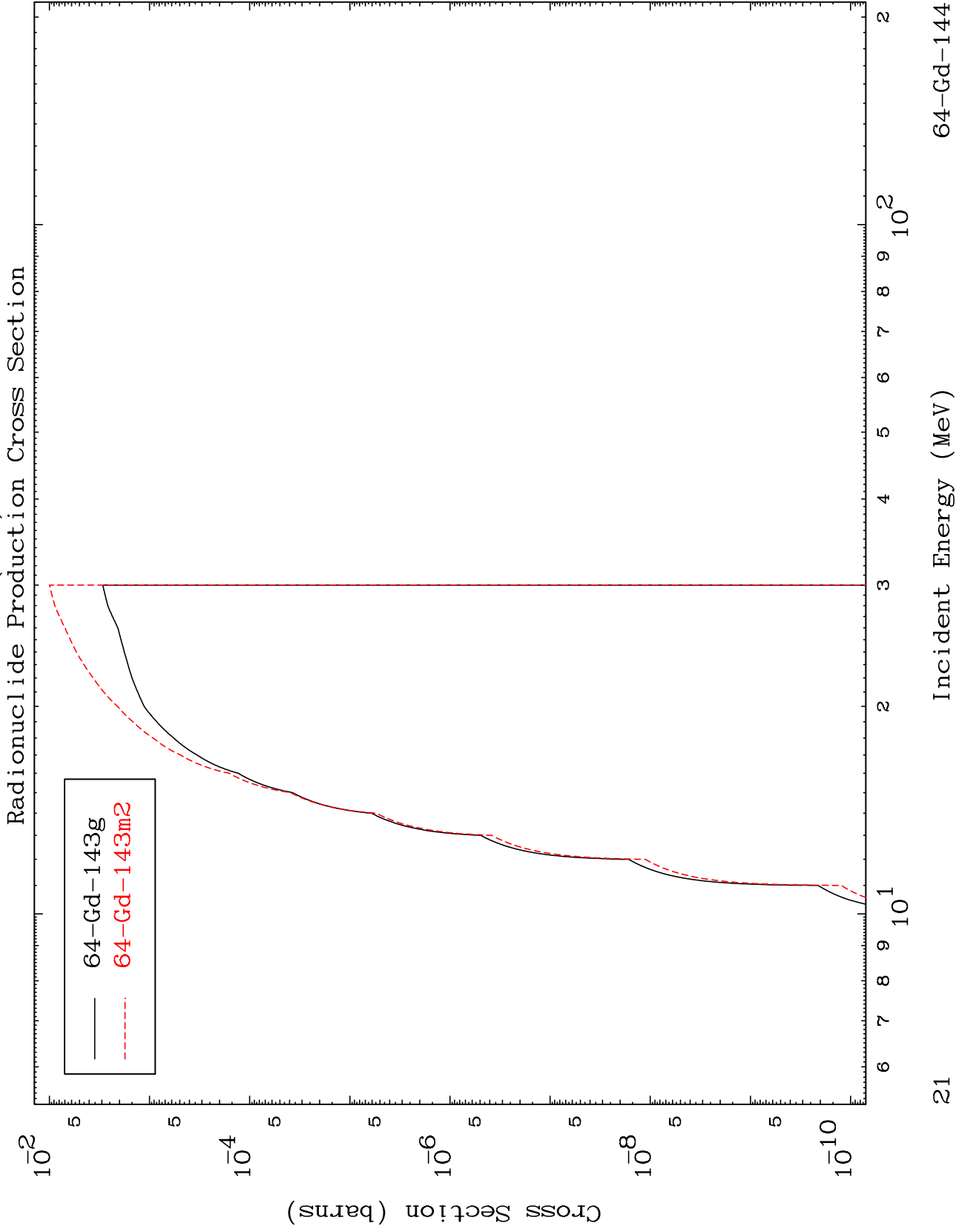
20

Incident Energy (MeV)

64-Gd-144

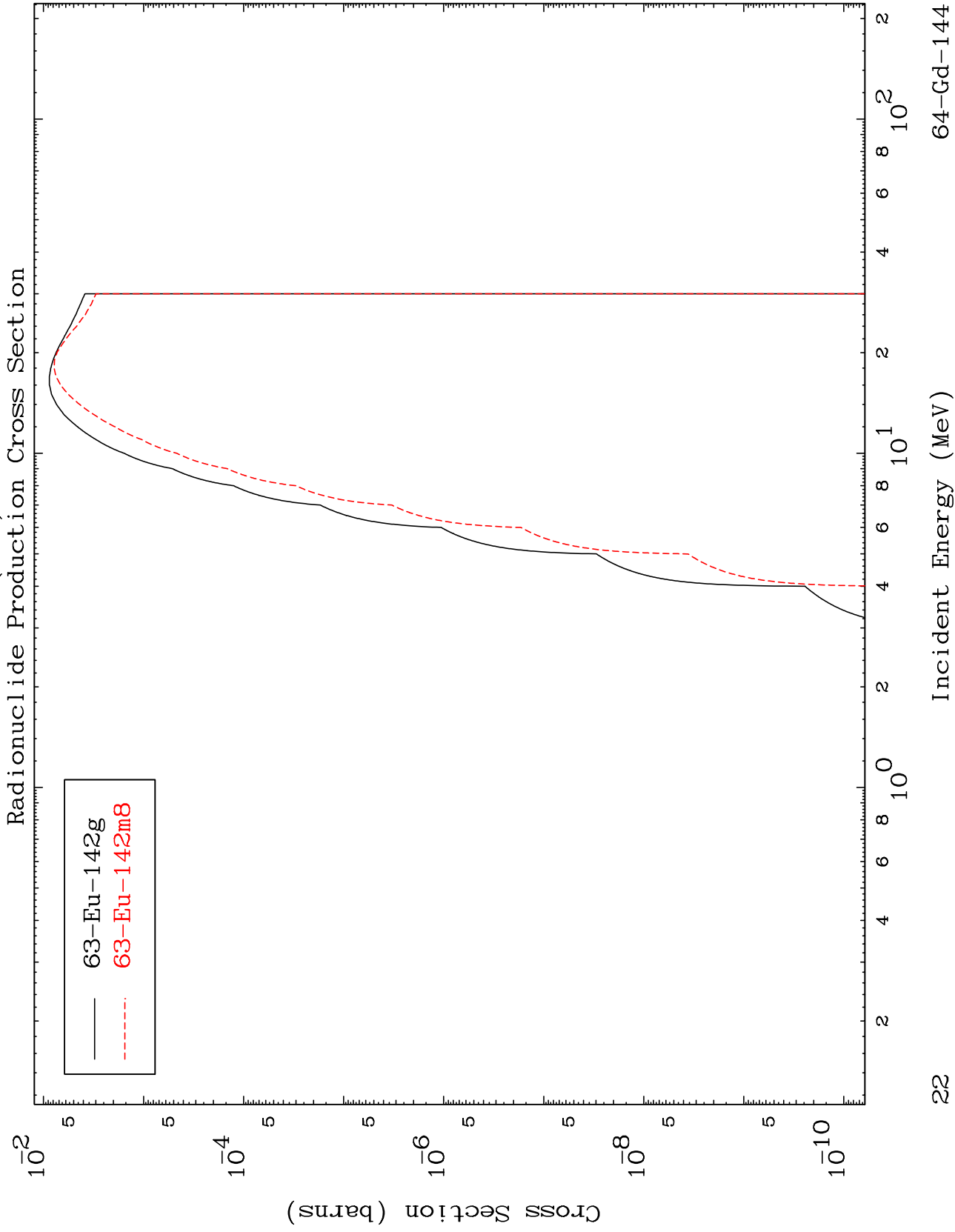
MAT 6401

64-Gd-144



MAT 6401

64-Gd-144



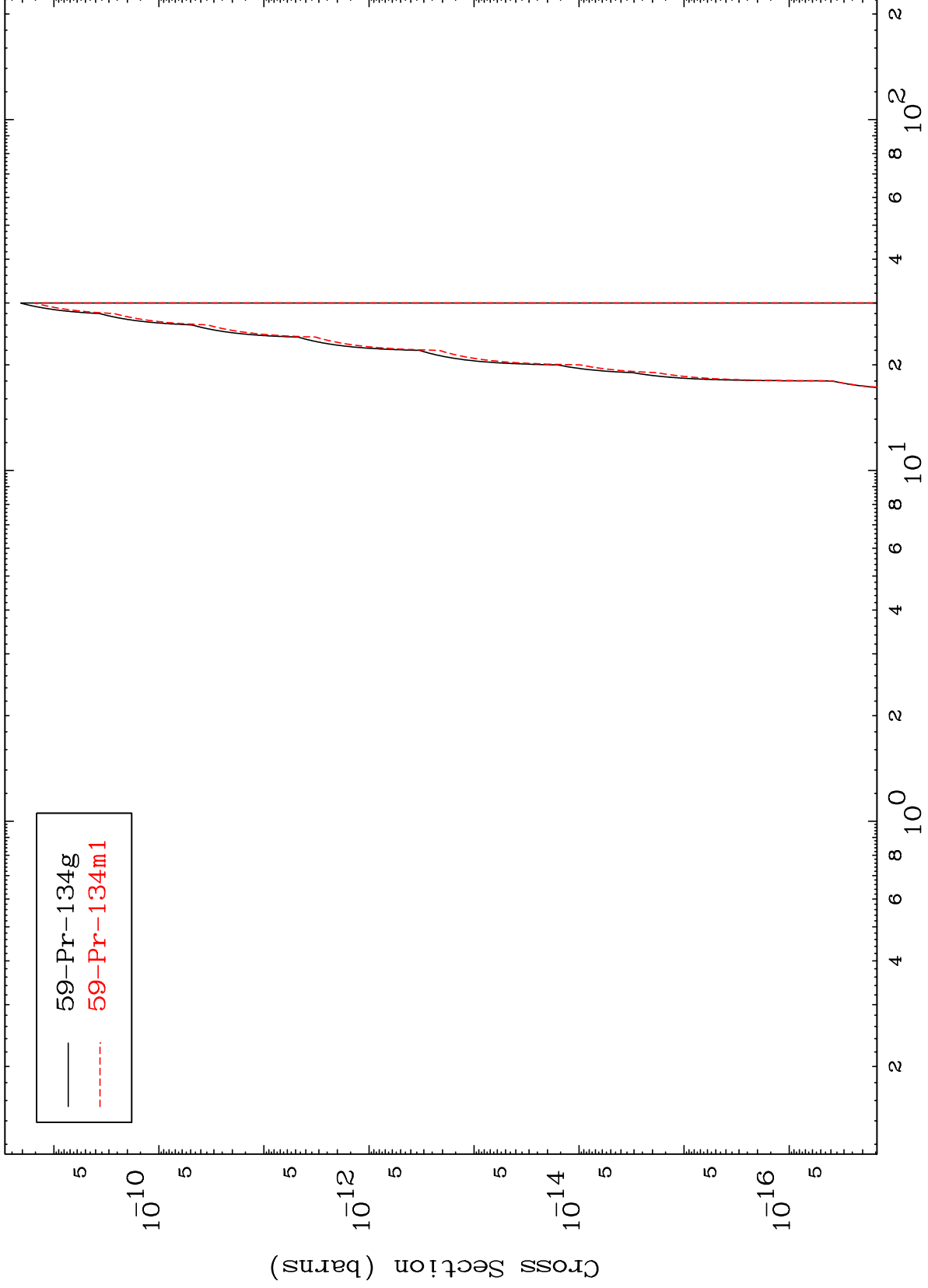
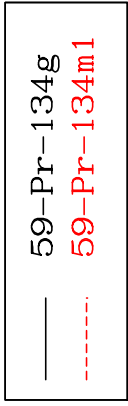
63-Eu-142g
63-Eu-142m8

MAT 6401

(n, 3α)

64-Gd-144

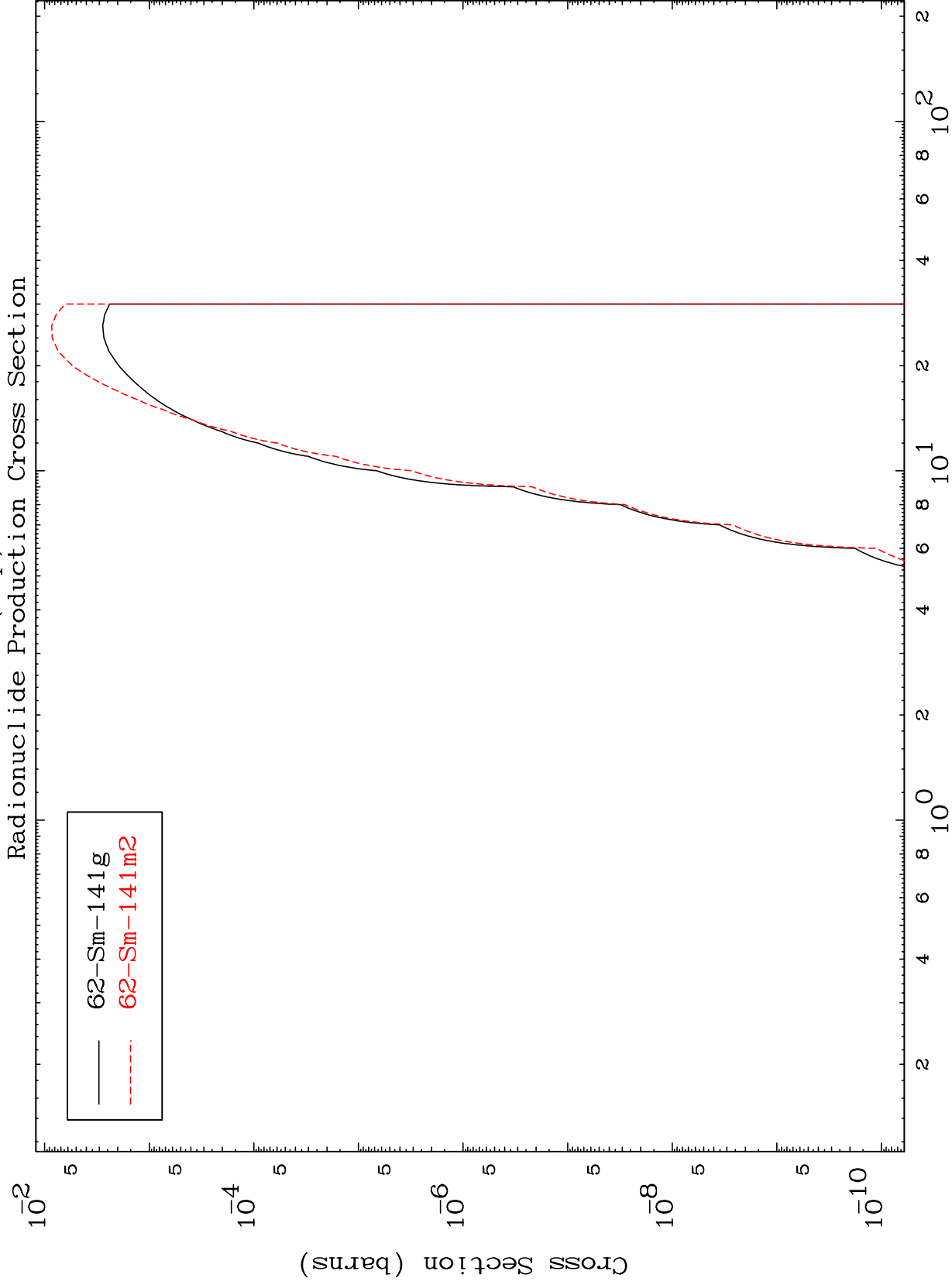
Radionuclide Production Cross Section



MAT 6401

(n,p) α

64-Gd-144



24

Incident Energy (MeV)

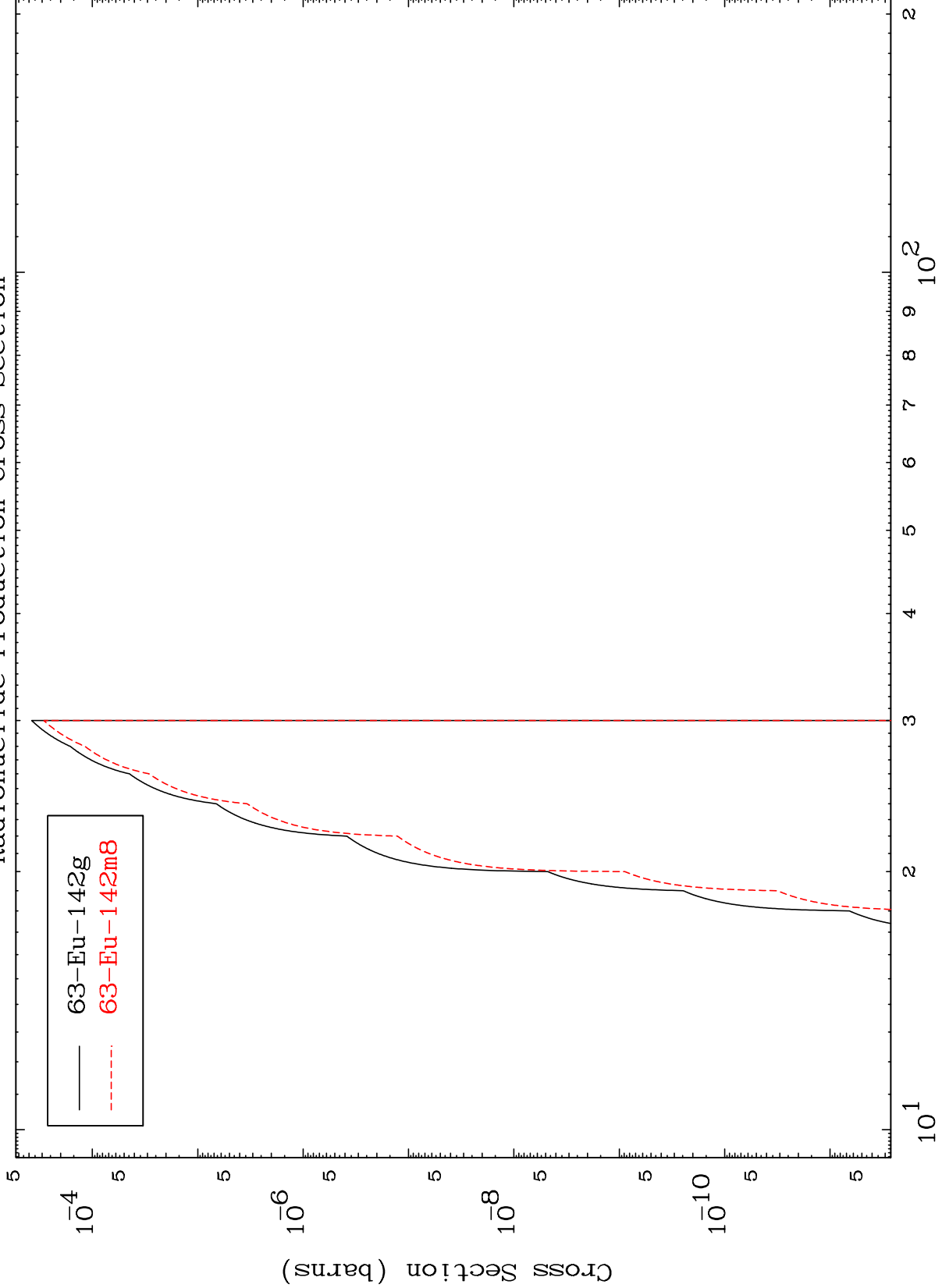
64-Gd-144

MAT 6401

(n,p) t

64-Gd-144

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m8

Incident Energy (MeV)

64-Gd-144

25