

Program EVALPLOT
(Version 2021-1)

by

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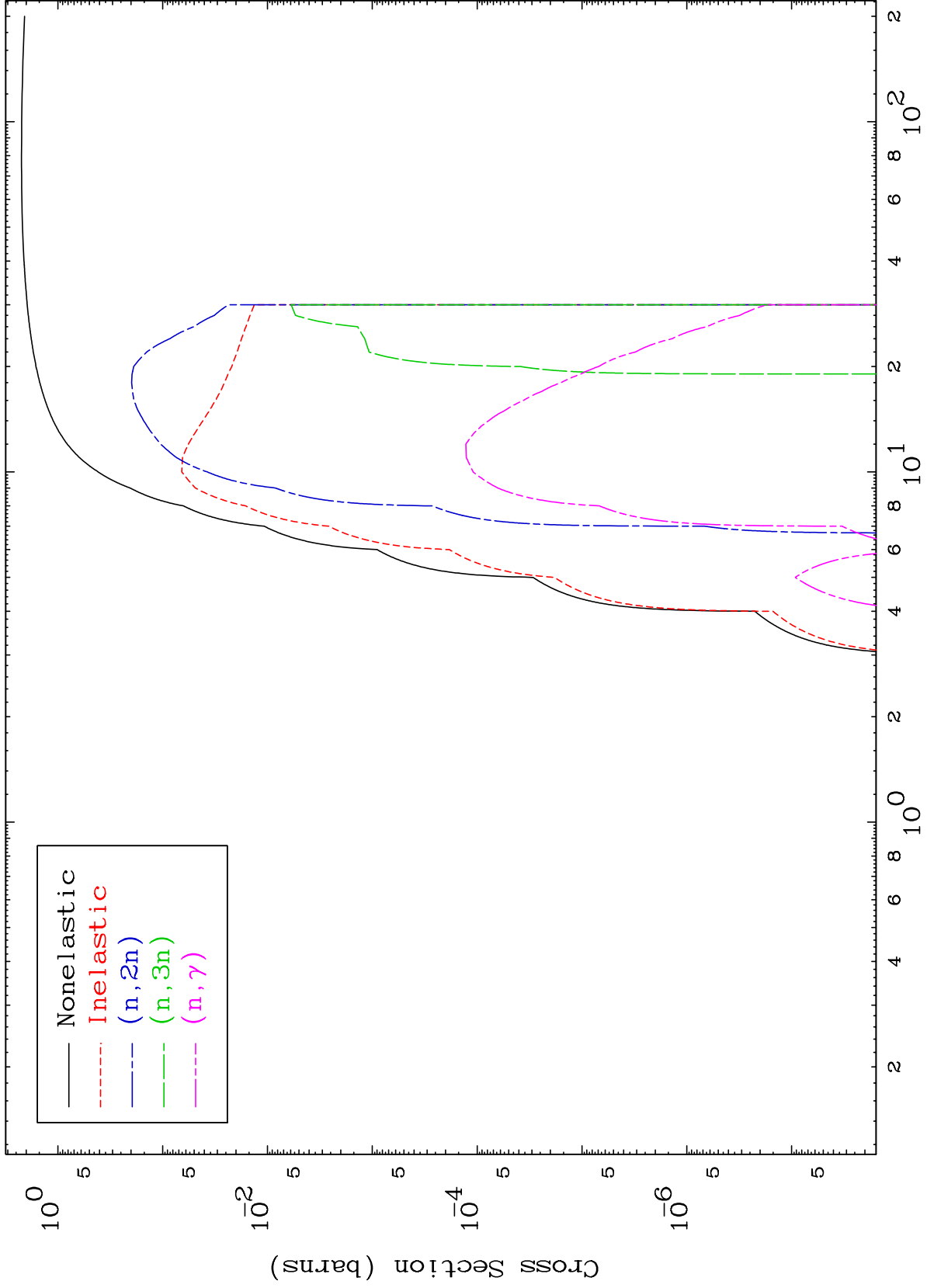
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6401

Triton Major
0 Kelvin Cross Sections

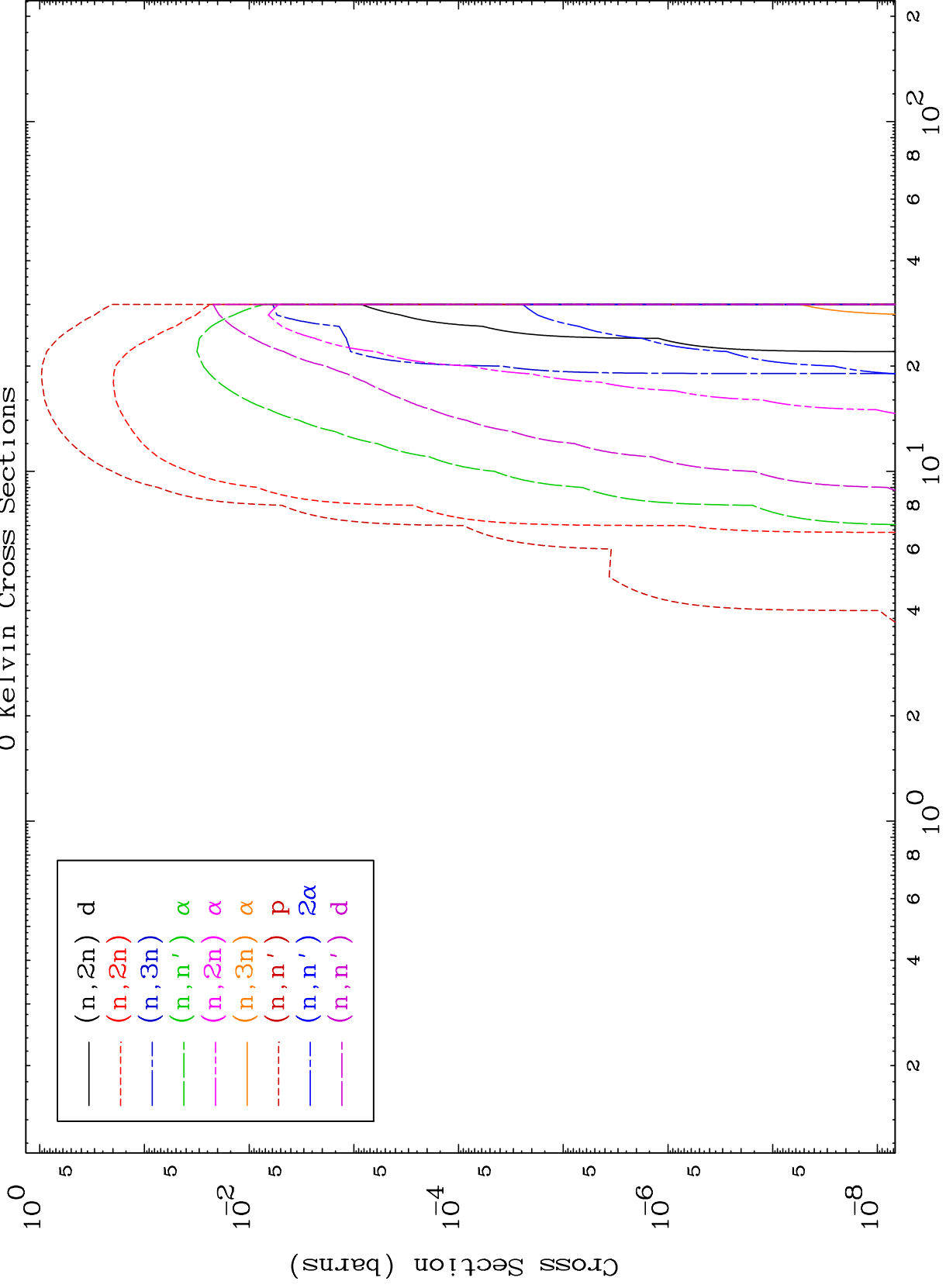
64-Gd-144



MAT 6401

Triton Neutron Absorption
0 Kelvin Cross Sections

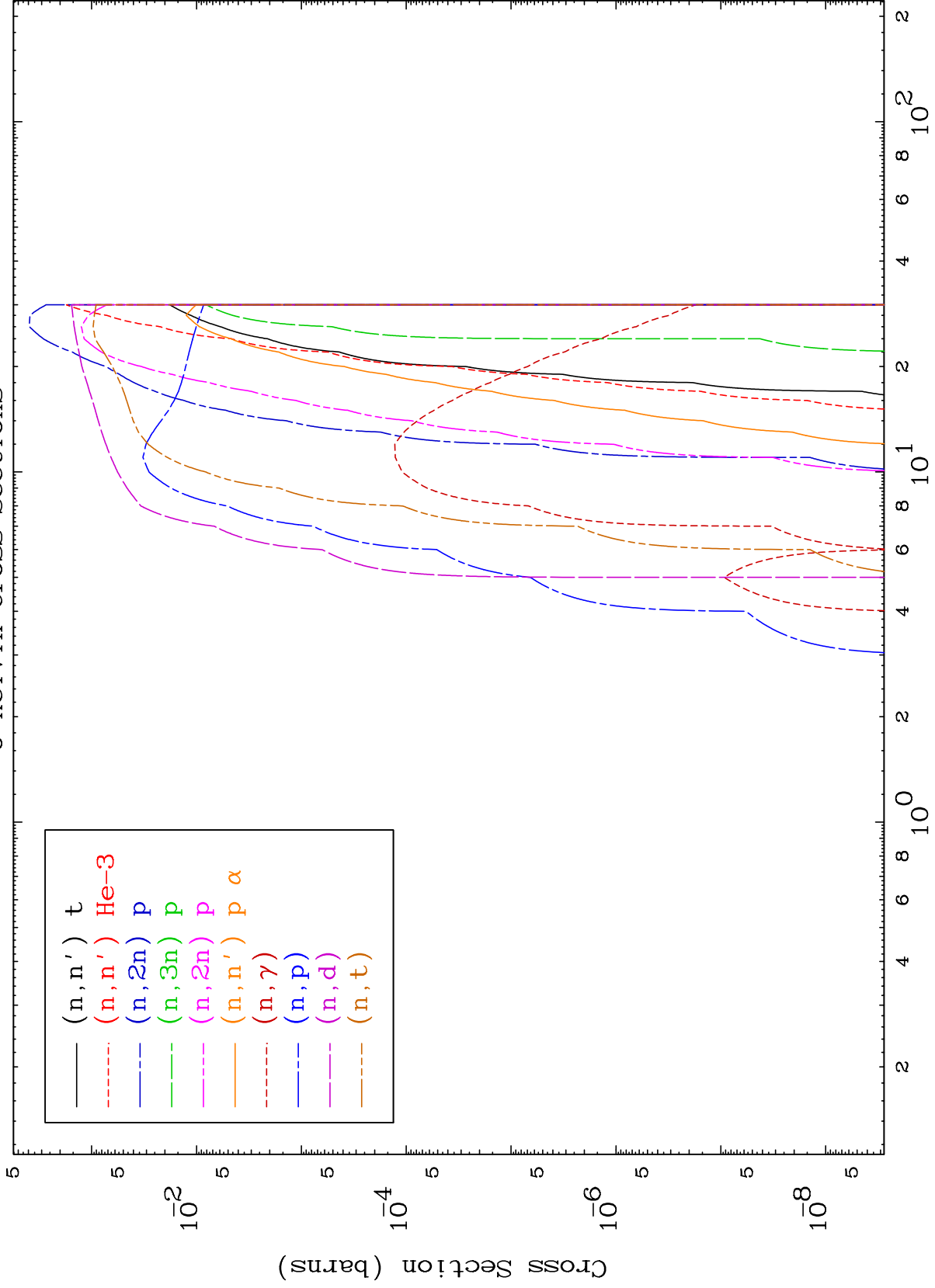
64-Gd-144



MAT 6401

Triton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-144



3

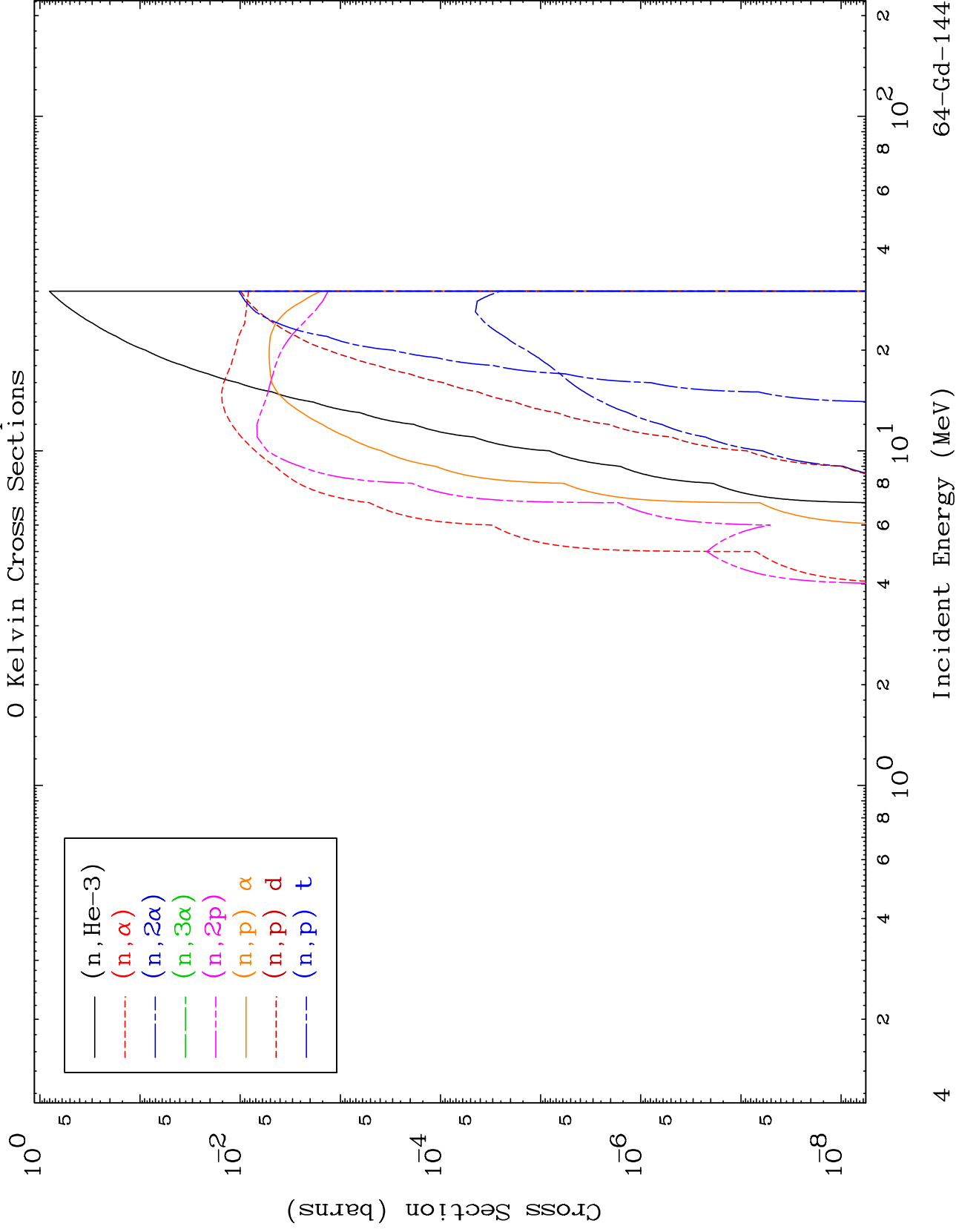
Incident Energy (MeV)

64-Gd-144

MAT 6401

Triton Neutron Absorption
0 Kelvin Cross Sections

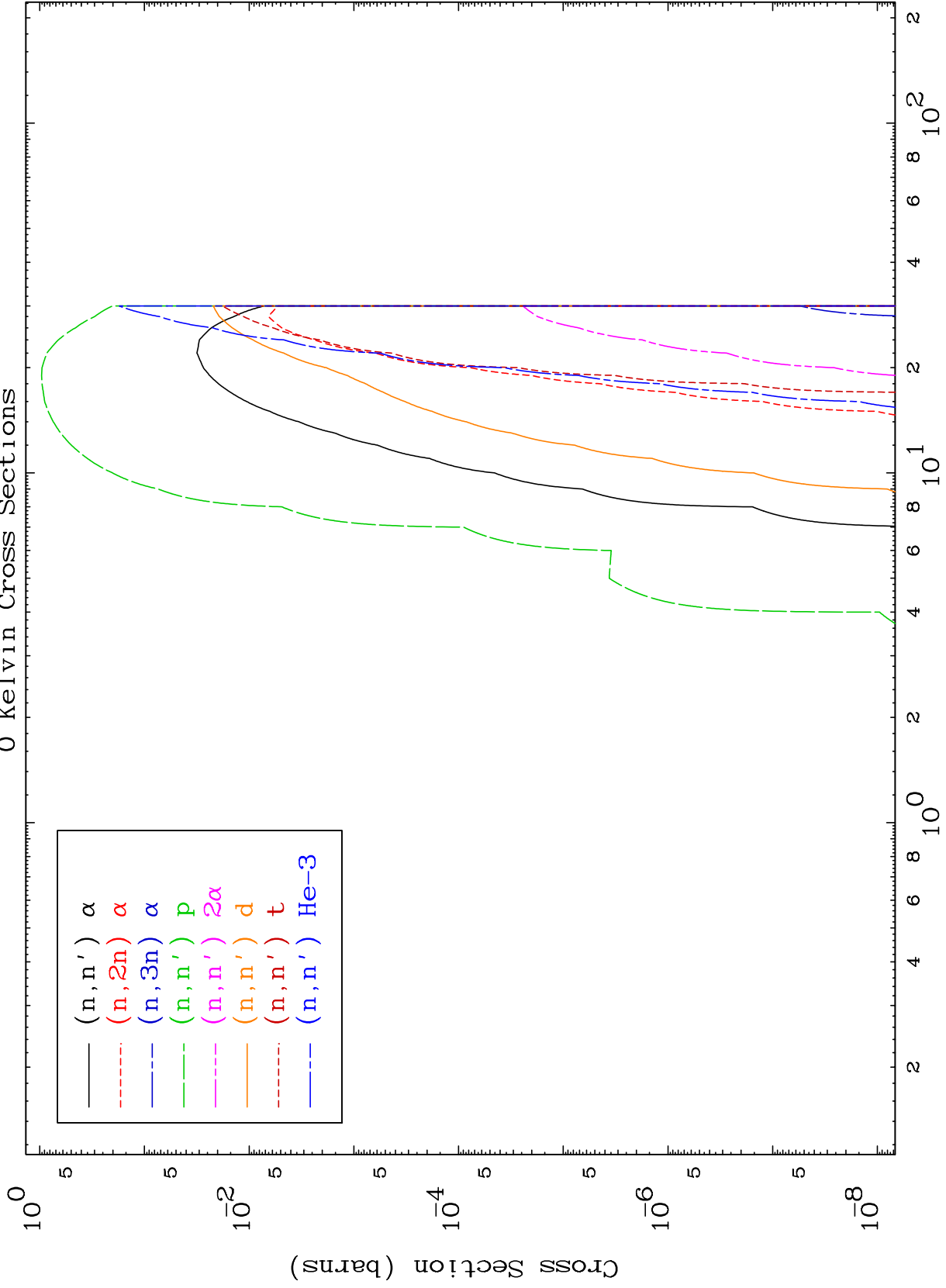
64-Gd-144



MAT 6401

Triton Charged Particle
0 Kelvin Cross Sections

64-Gd-144



5

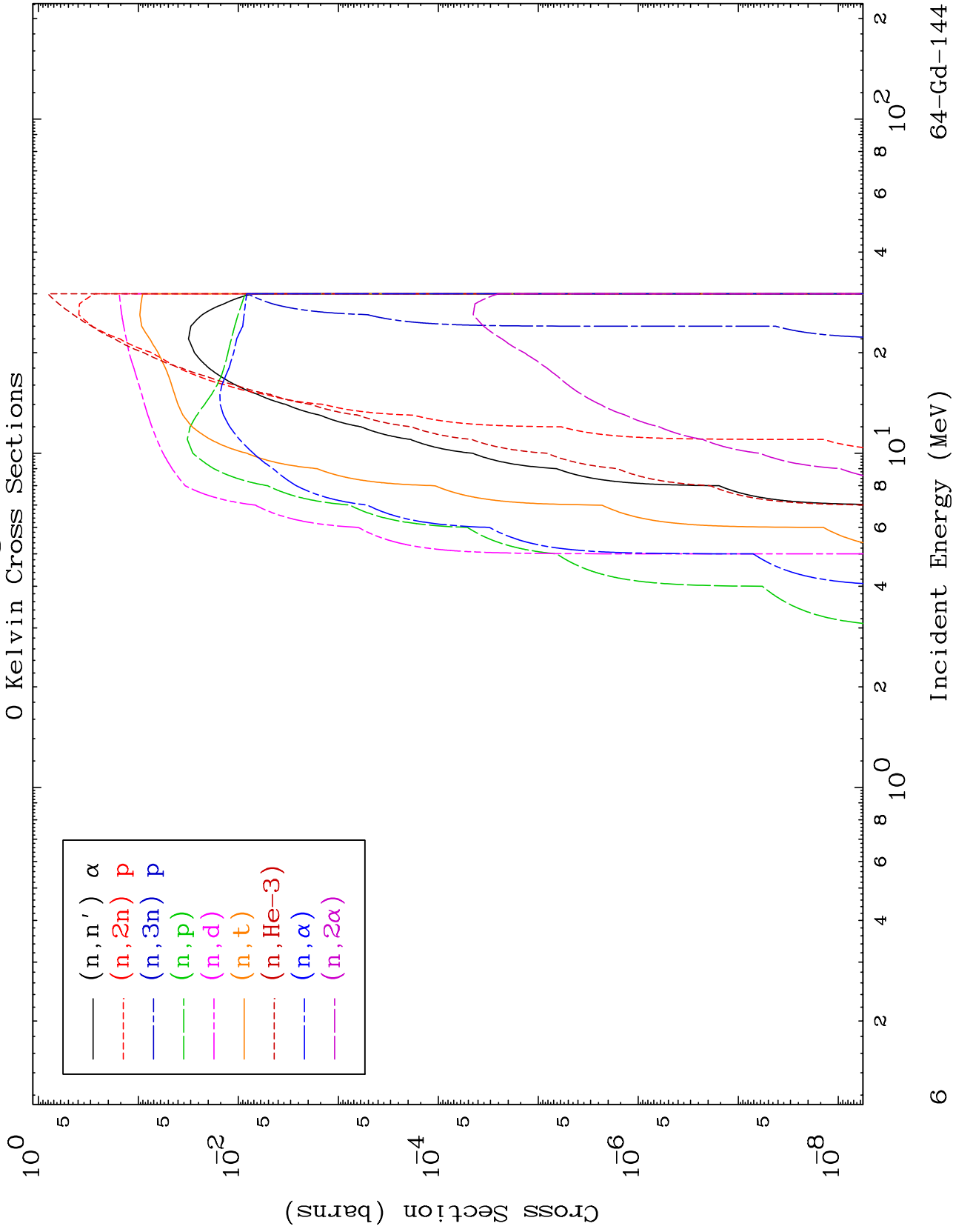
Incident Energy (MeV)

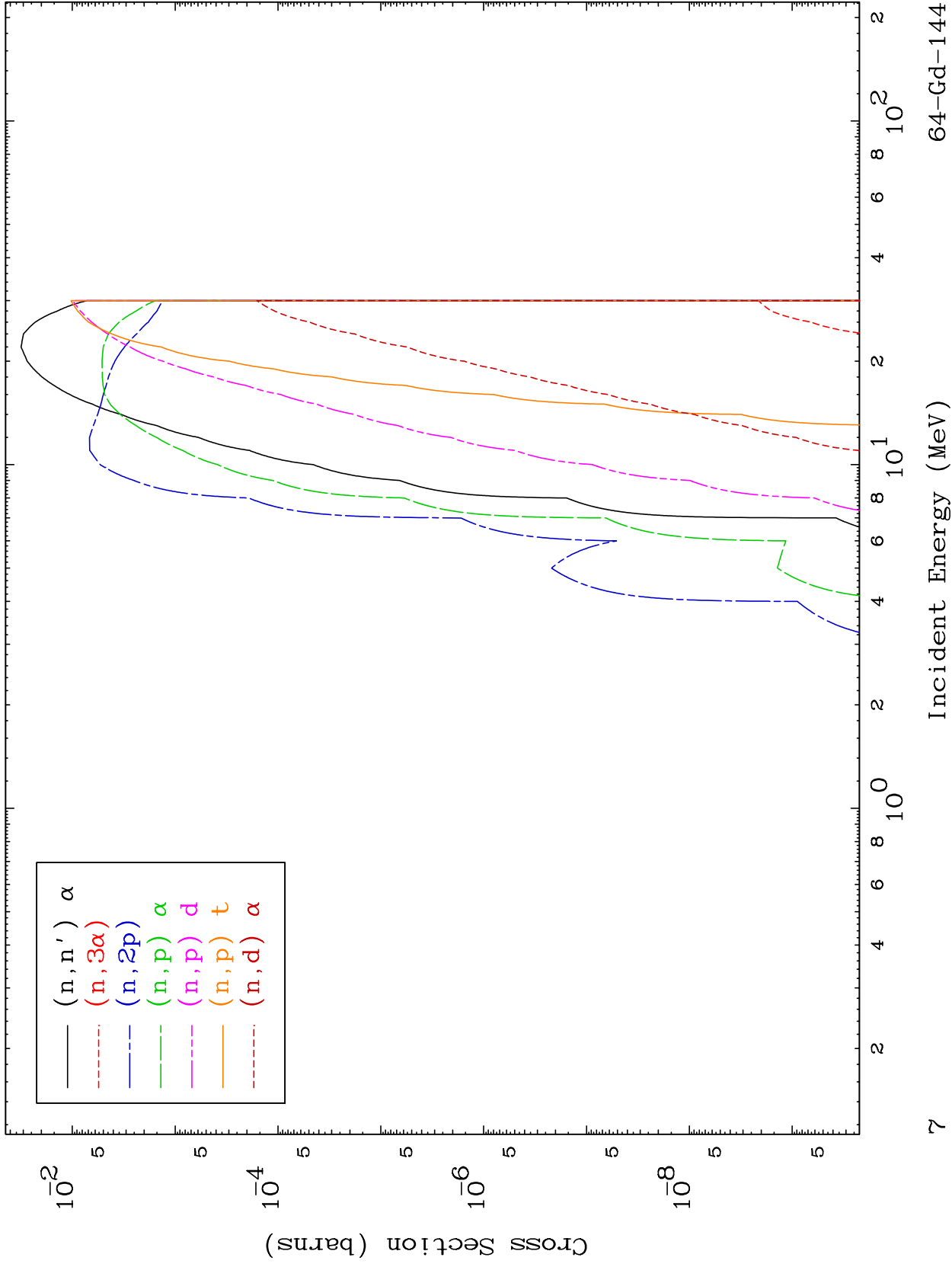
64-Gd-144

MAT 6401

Triton Charged Particle
0 Kelvin Cross Sections

64-Gd-144

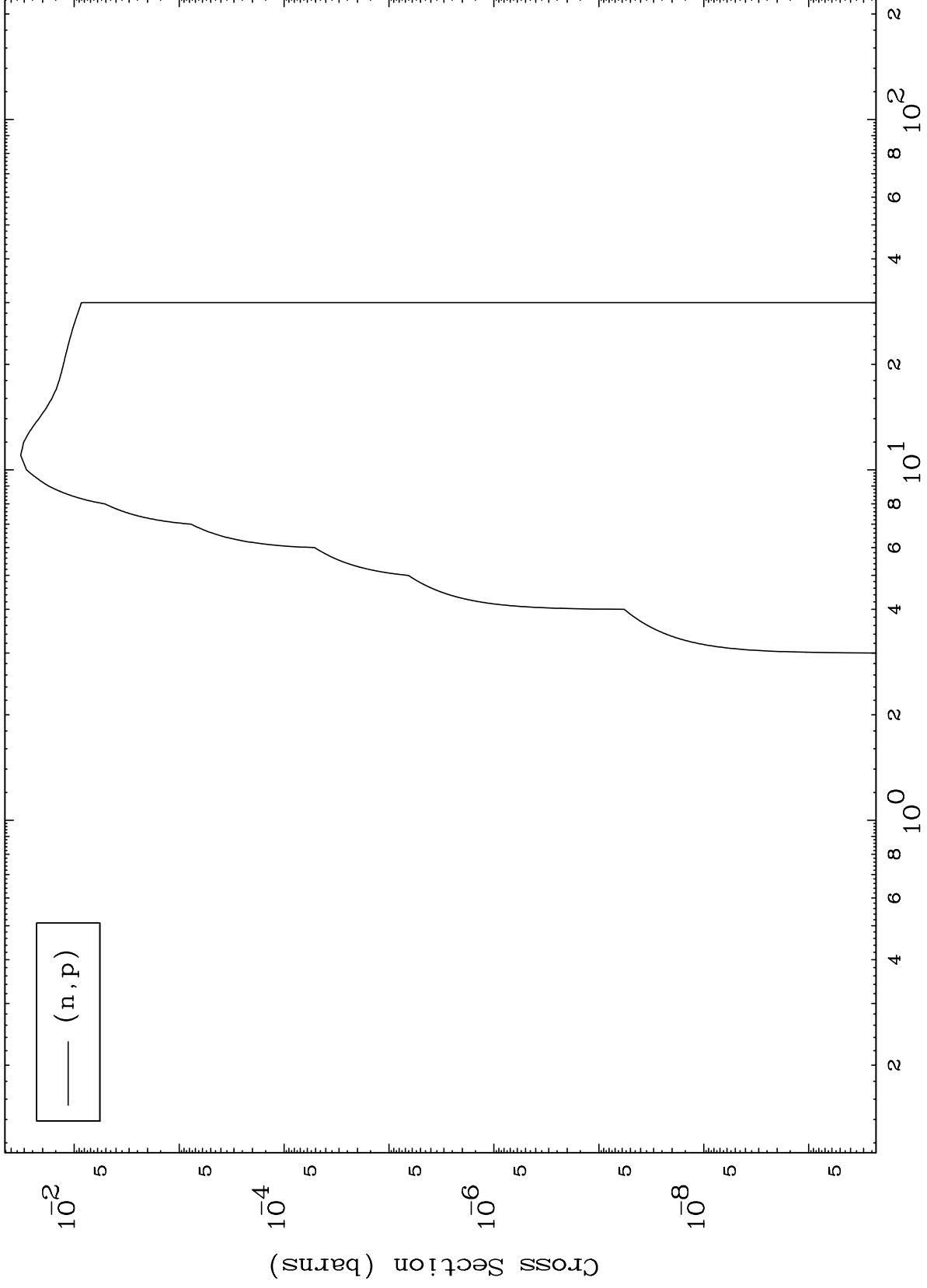




MAT 6401

(t, p) Levels
0 Kelvin Cross Sections

64-Gd-144



8

Incident Energy (MeV)

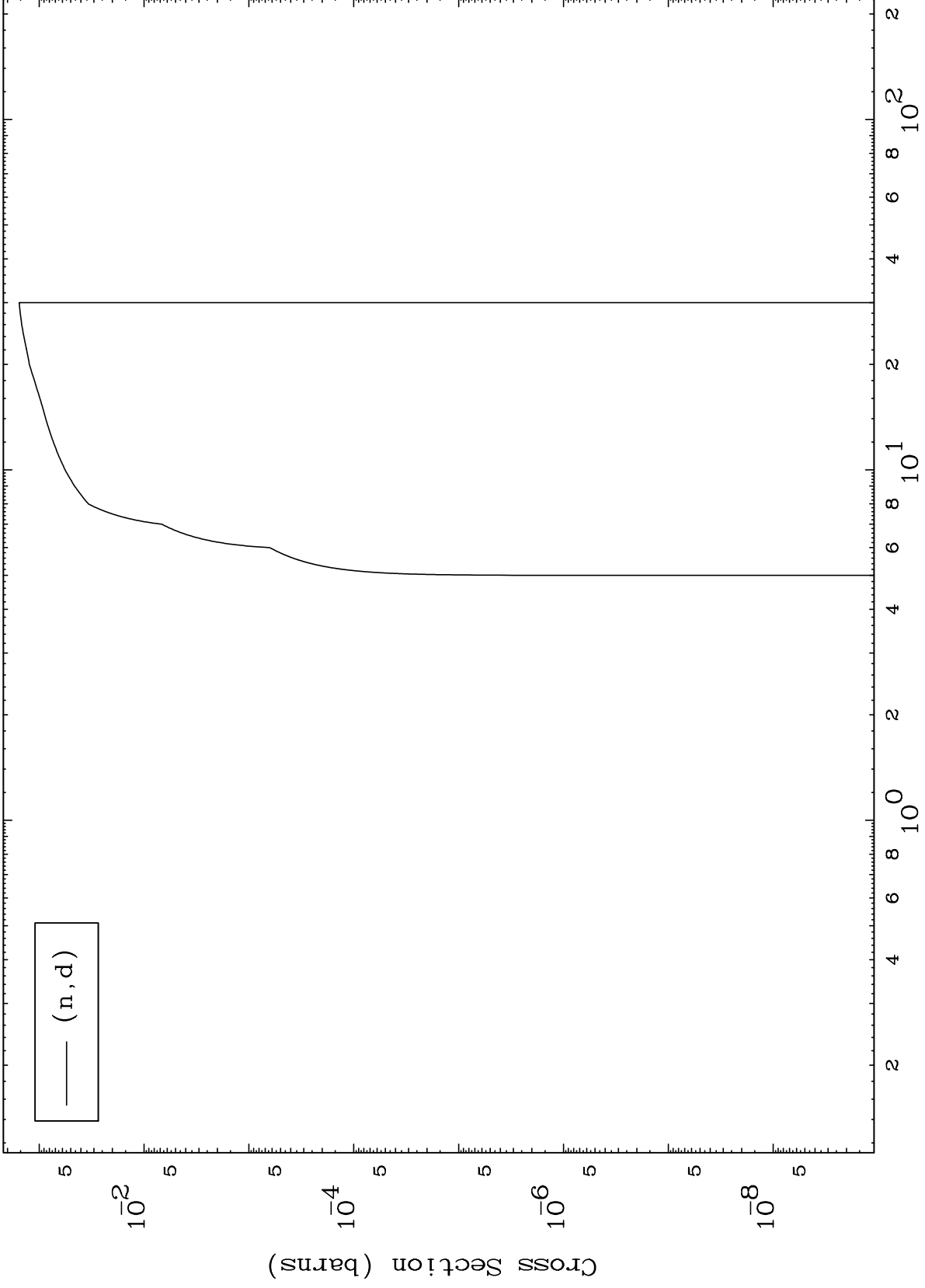
64-Gd-144

MAT 6401

(t,d) Levels

64-Gd-144

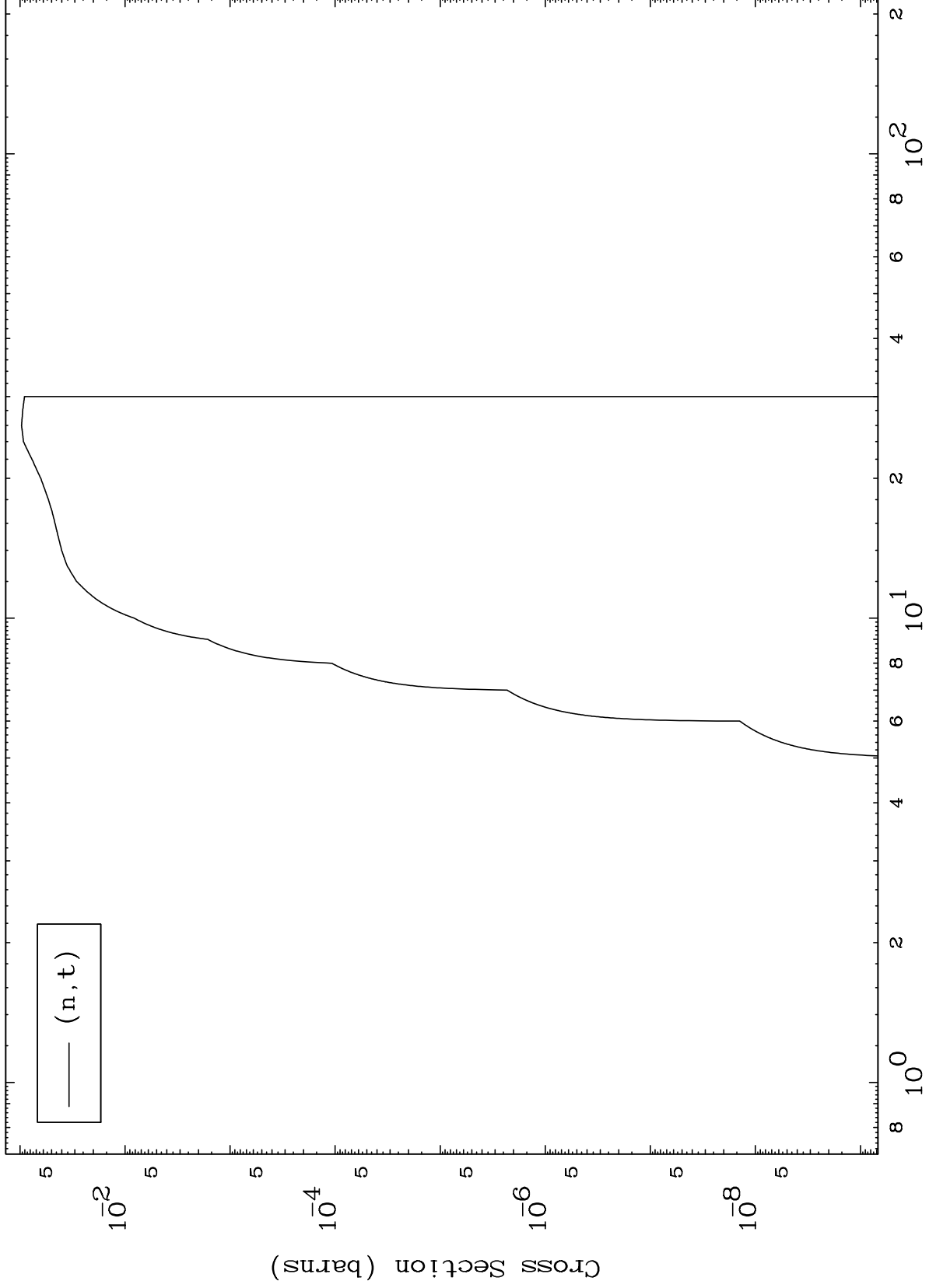
0 Kelvin Cross Sections



MAT 6401

64-Gd-144

(t, t) Levels
0 Kelvin Cross Sections



64-Gd-144

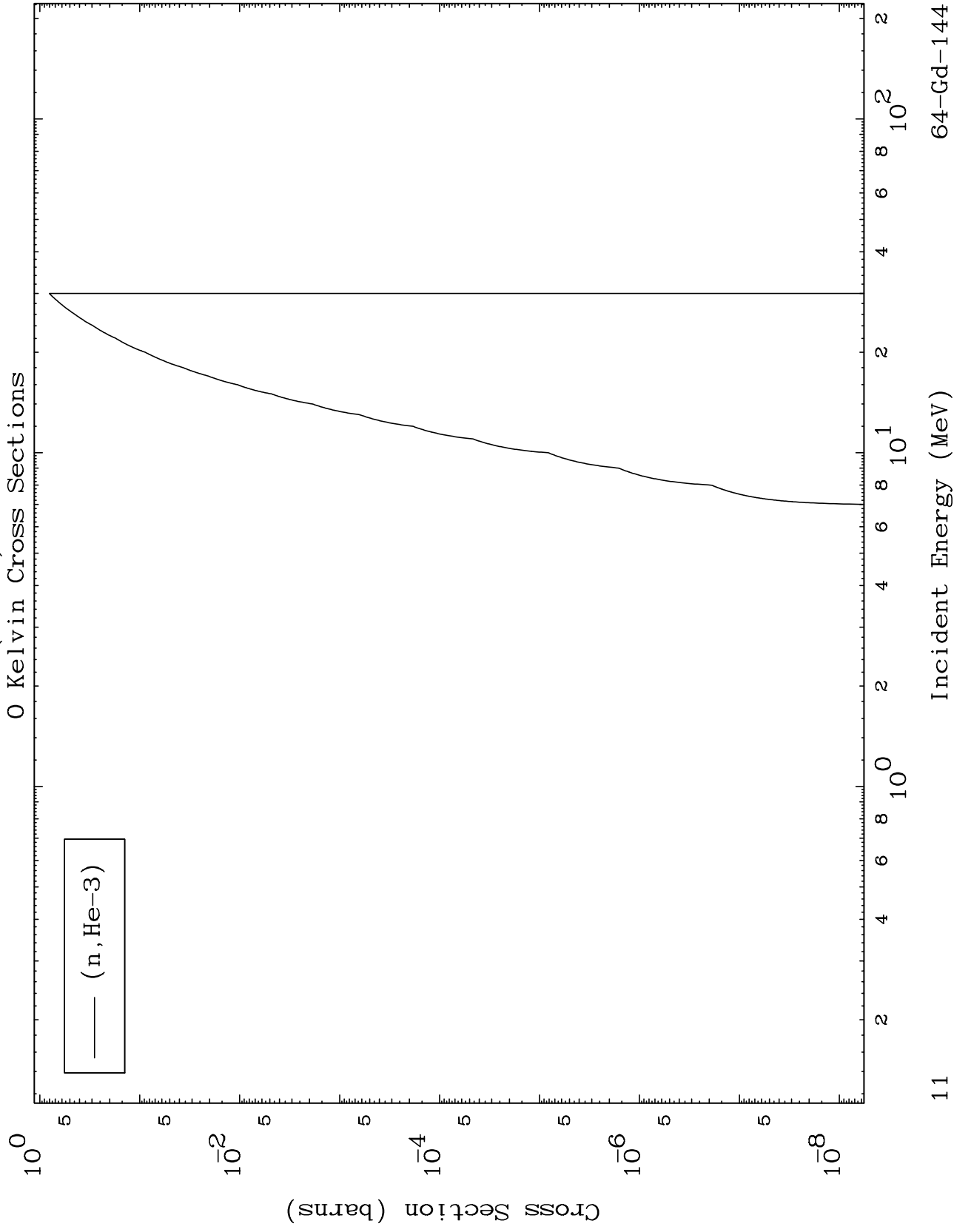
Incident Energy (MeV)

10

MAT 6401

(t,He3) Levels

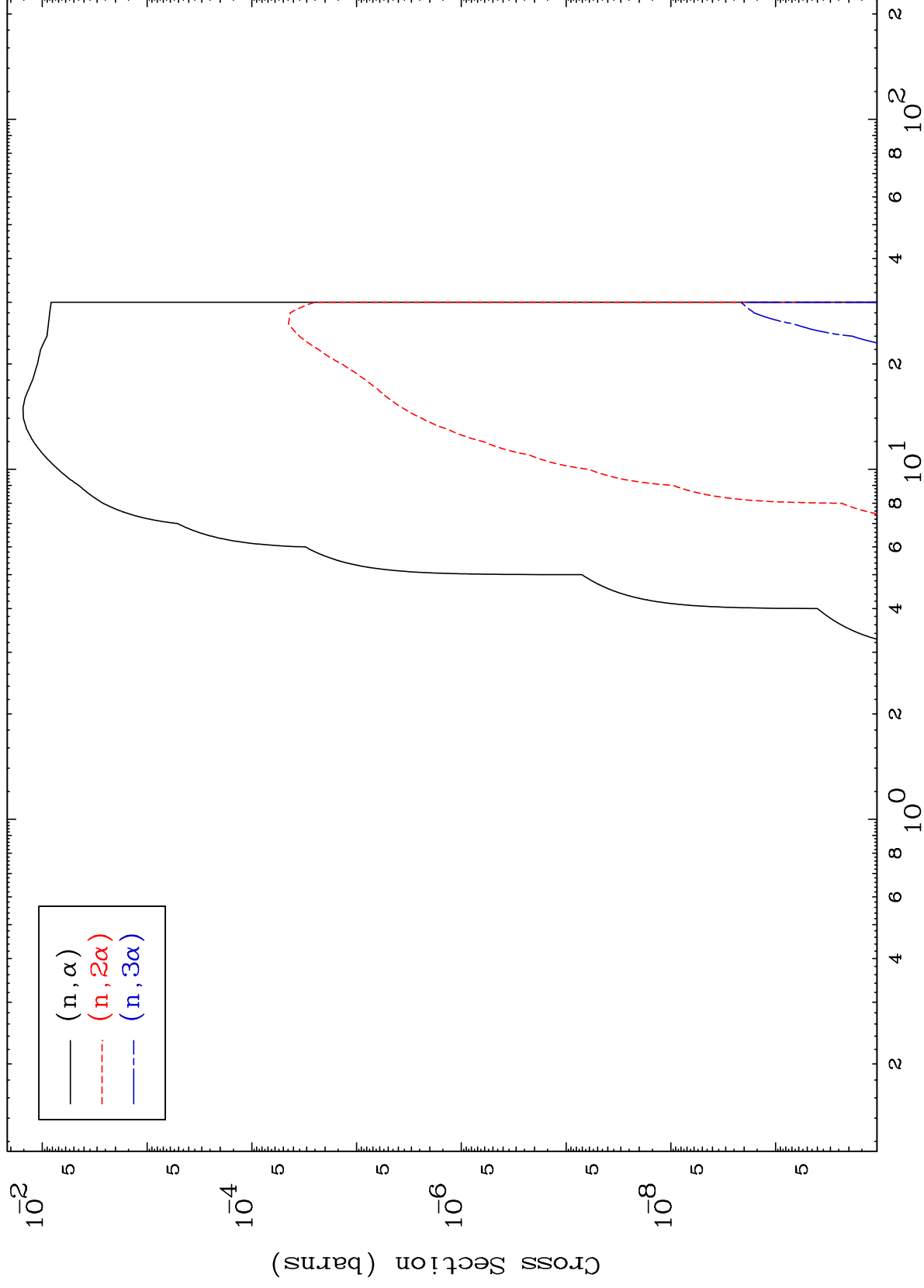
64-Gd-144



MAT 6401

64-Gd-144

(t, α) Levels
0 Kelvin Cross Sections



64-Gd-144

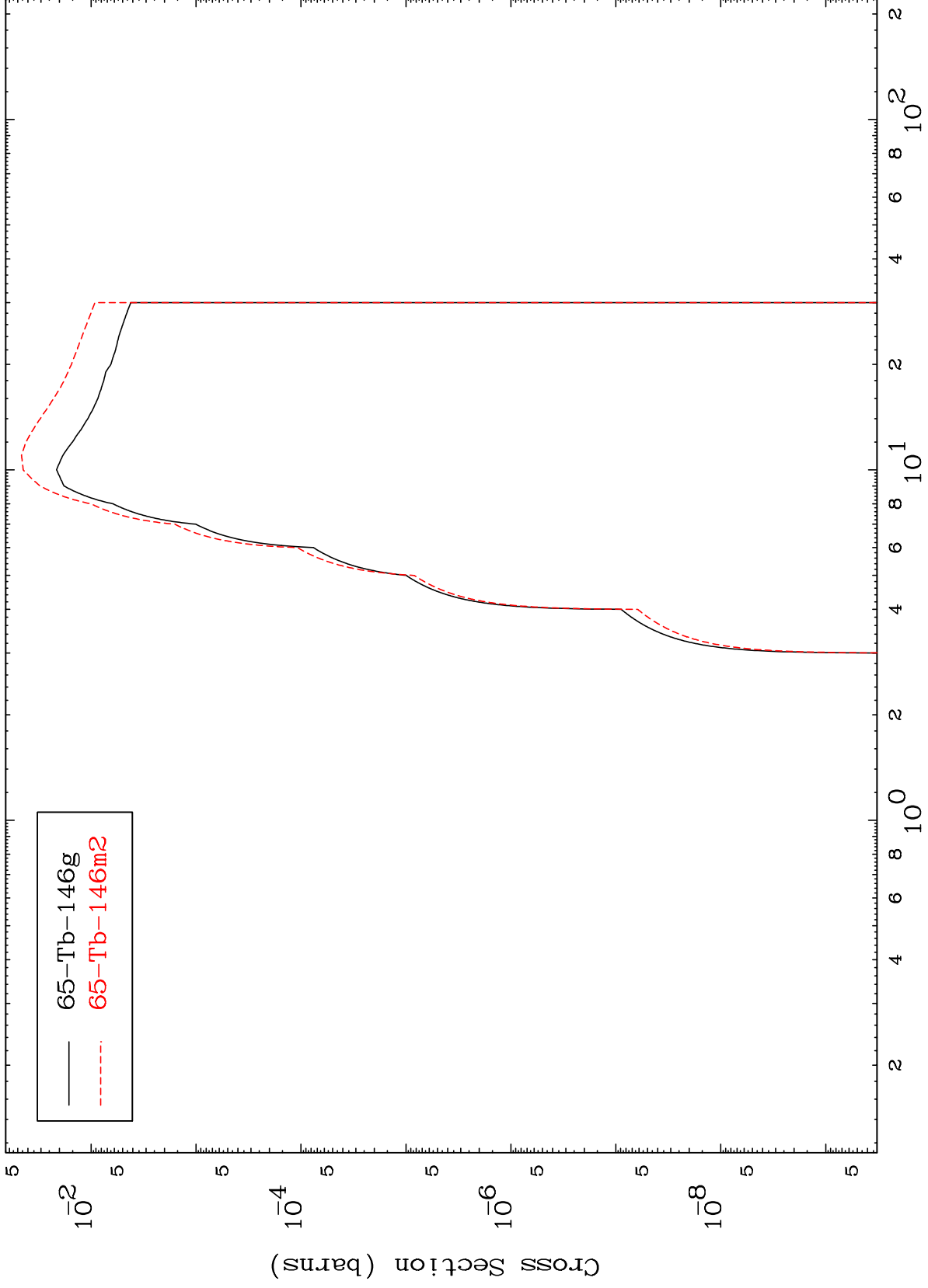
Incident Energy (MeV)

12

MAT 6401

64-Gd-144

Inelastic
Radionuclide Production Cross Section



64-Gd-144

Incident Energy (MeV)

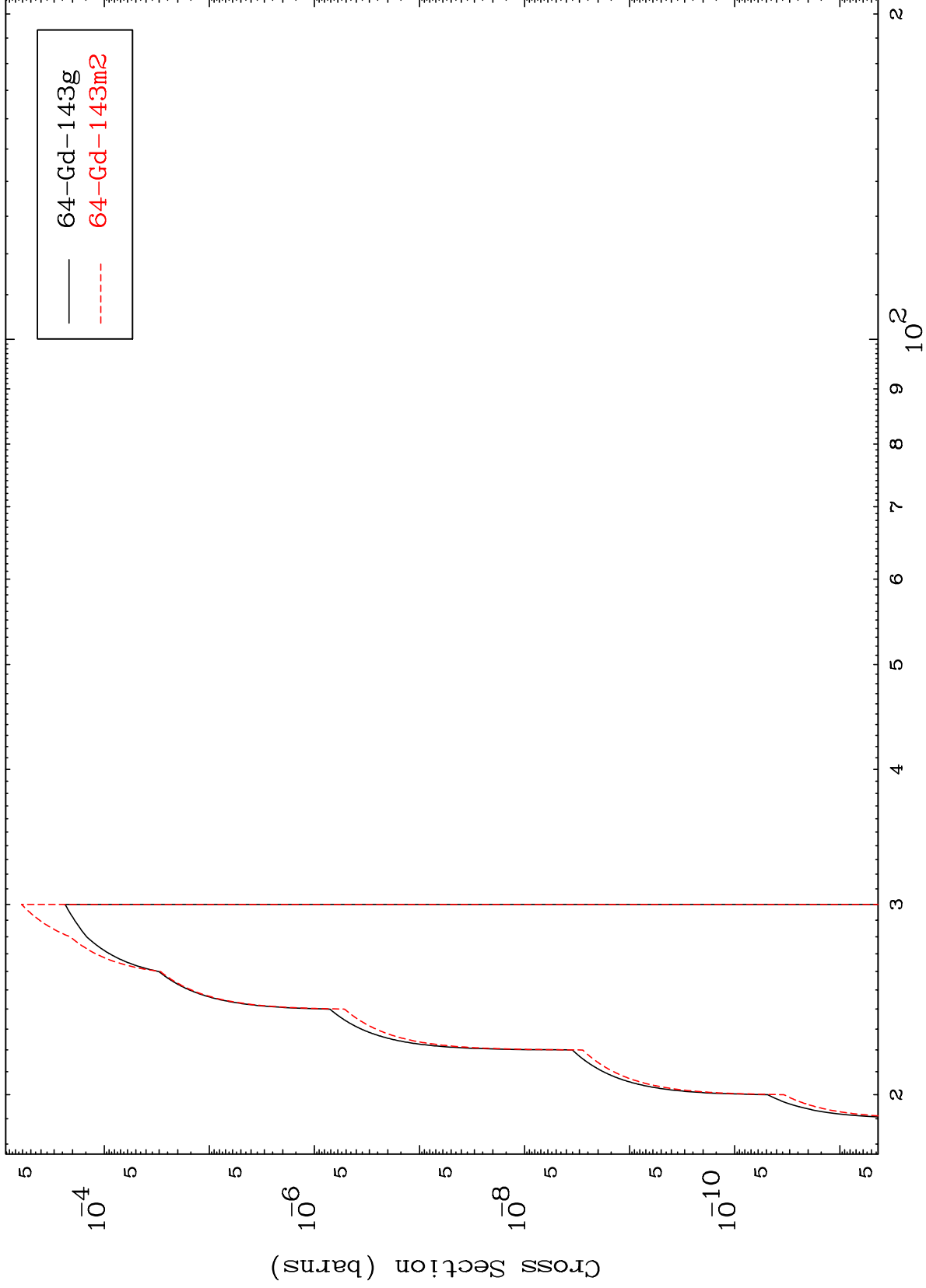
13

MAT 6401

(n,2n) d

64-Gd-144

Radionuclide Production Cross Section



14

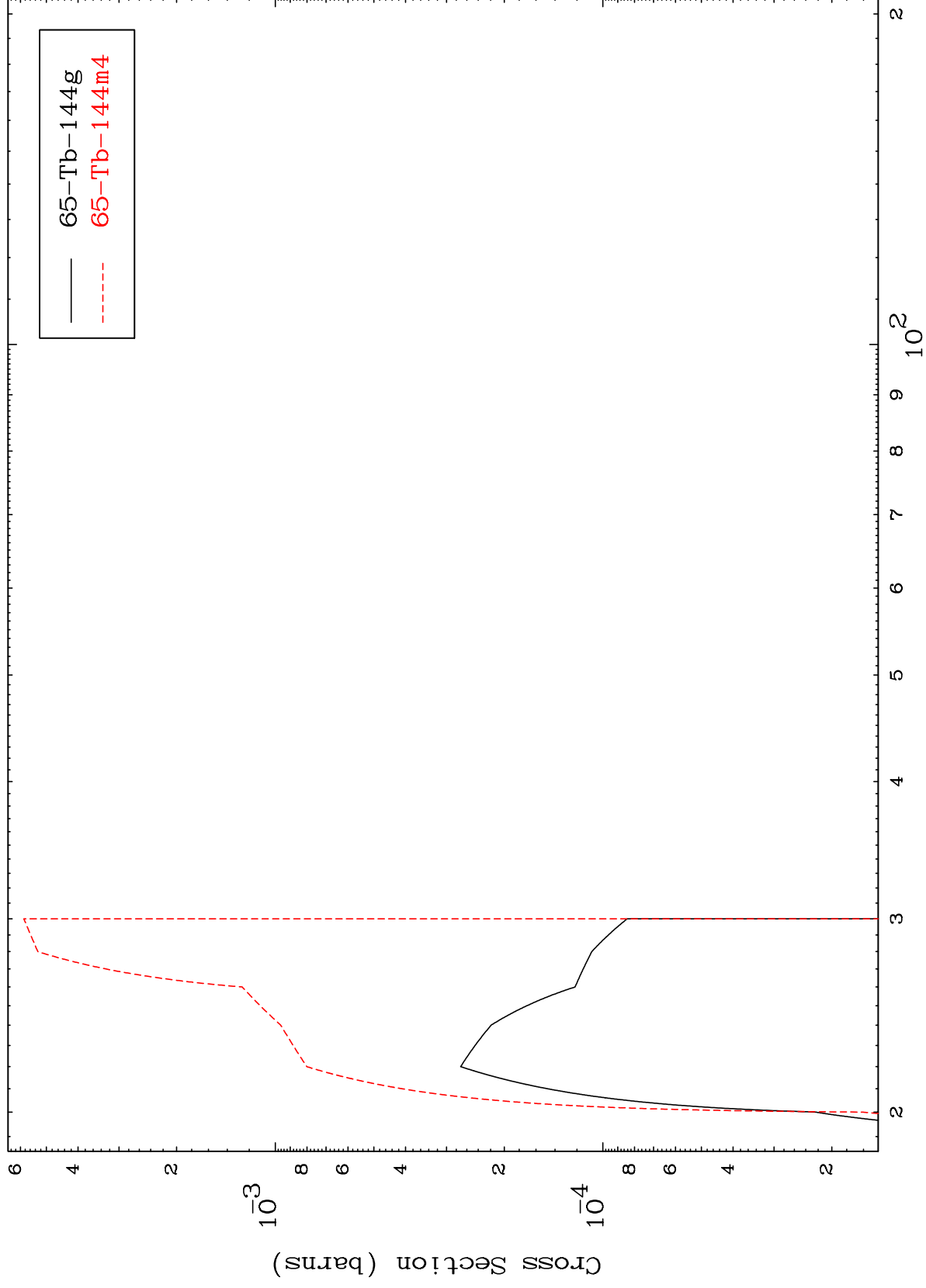
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

(n,3n)
Radionuclide Production Cross Section



64-Gd-144

Incident Energy (MeV)

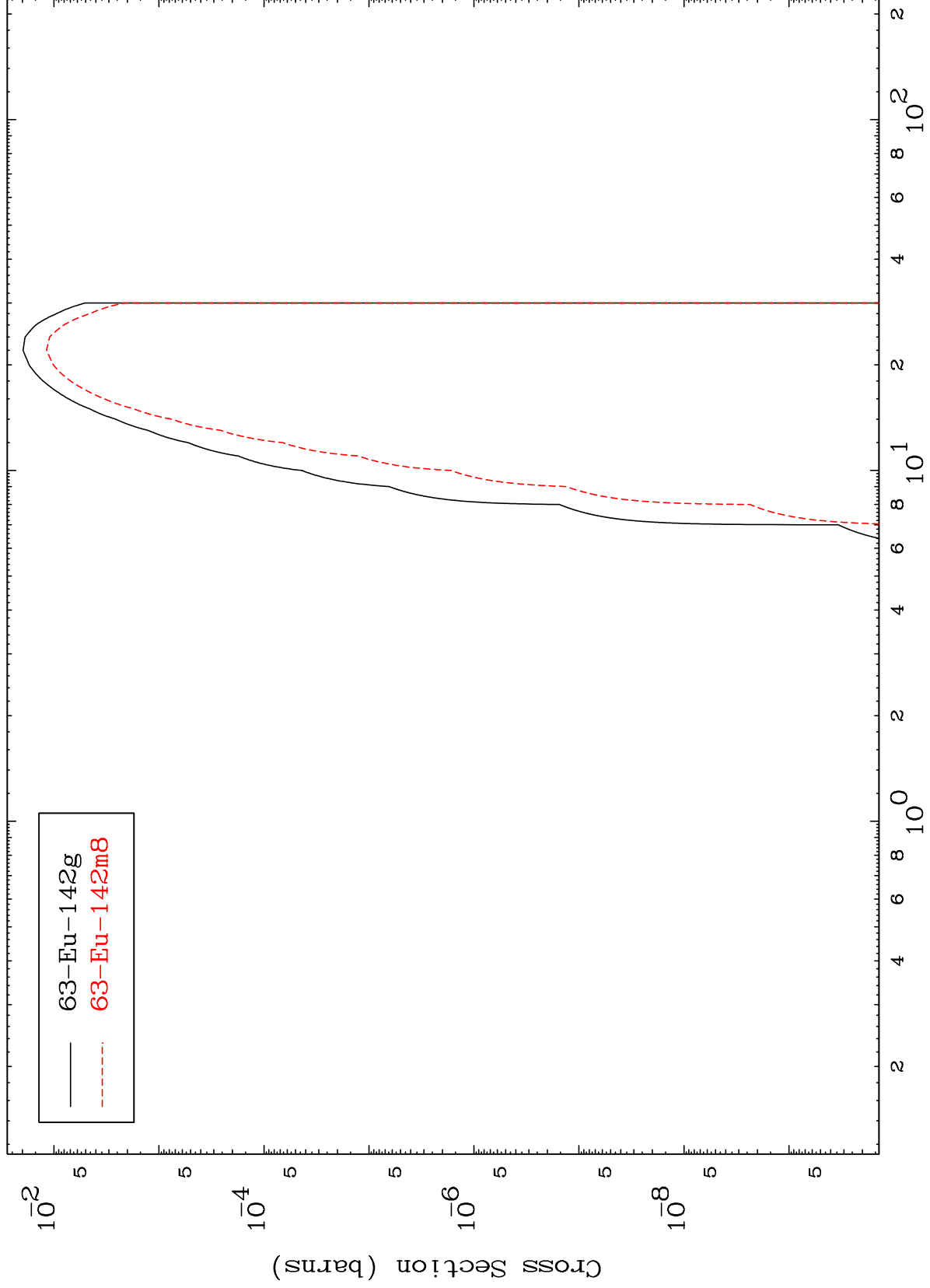
15

MAT 6401

$(n, n') \alpha$

64-Gd-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

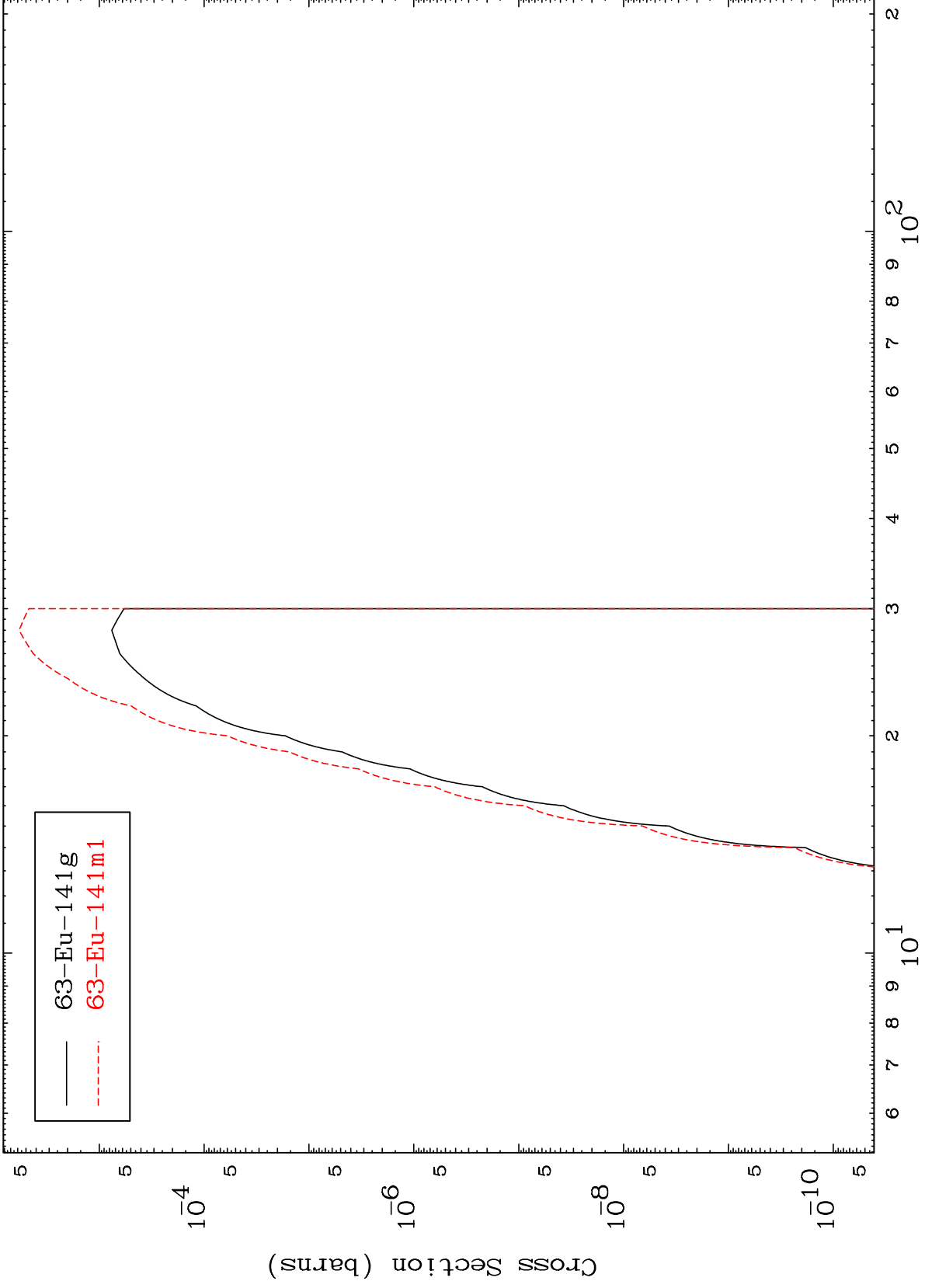
64-Gd-144

MAT 6401

64-Gd-144

(n,2n) α

Radionuclide Production Cross Section



63-Eu-141g
63-Eu-141m1

17

Incident Energy (MeV)

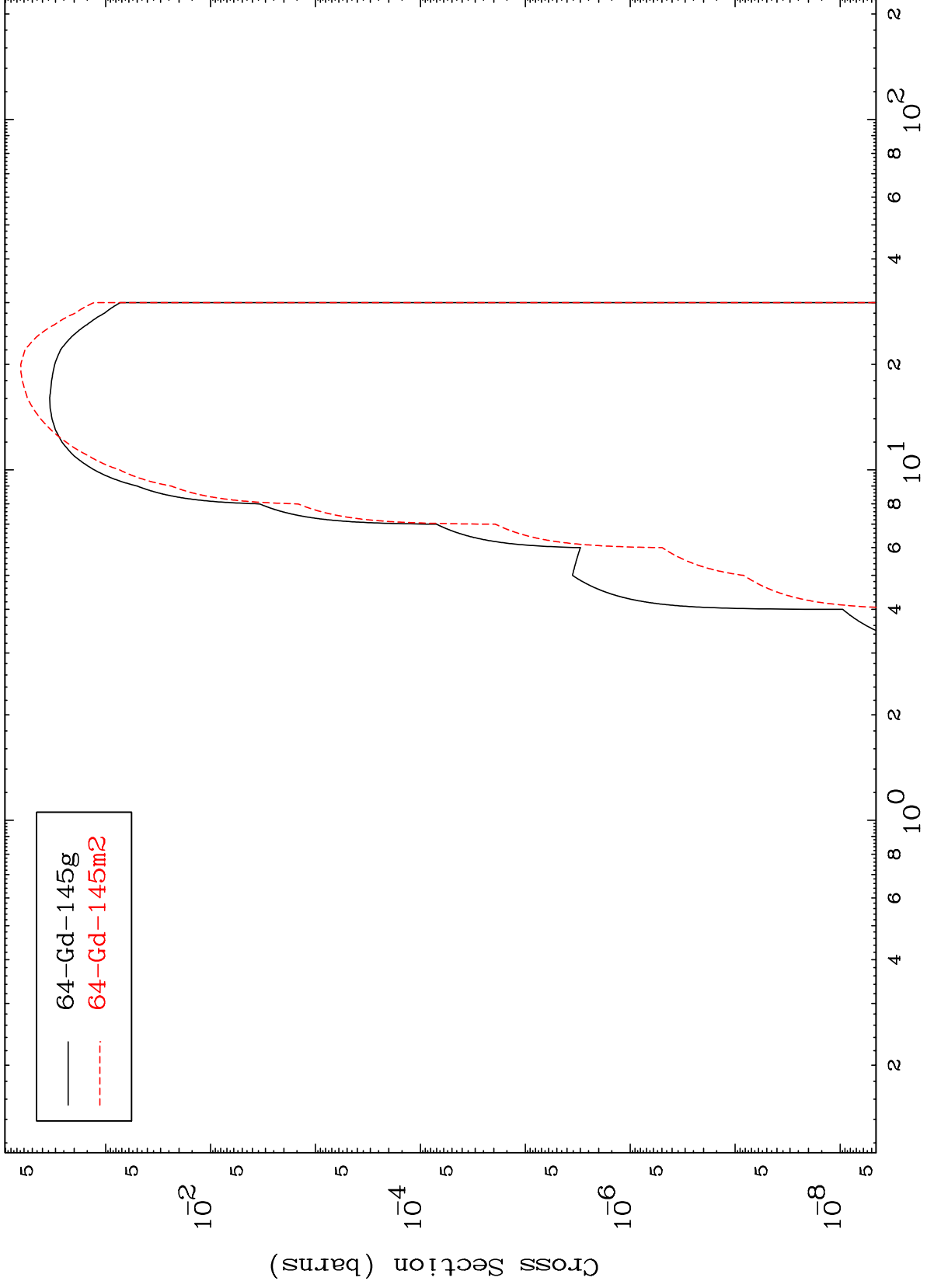
64-Gd-144

MAT 6401

(n,n') p

64-Gd-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

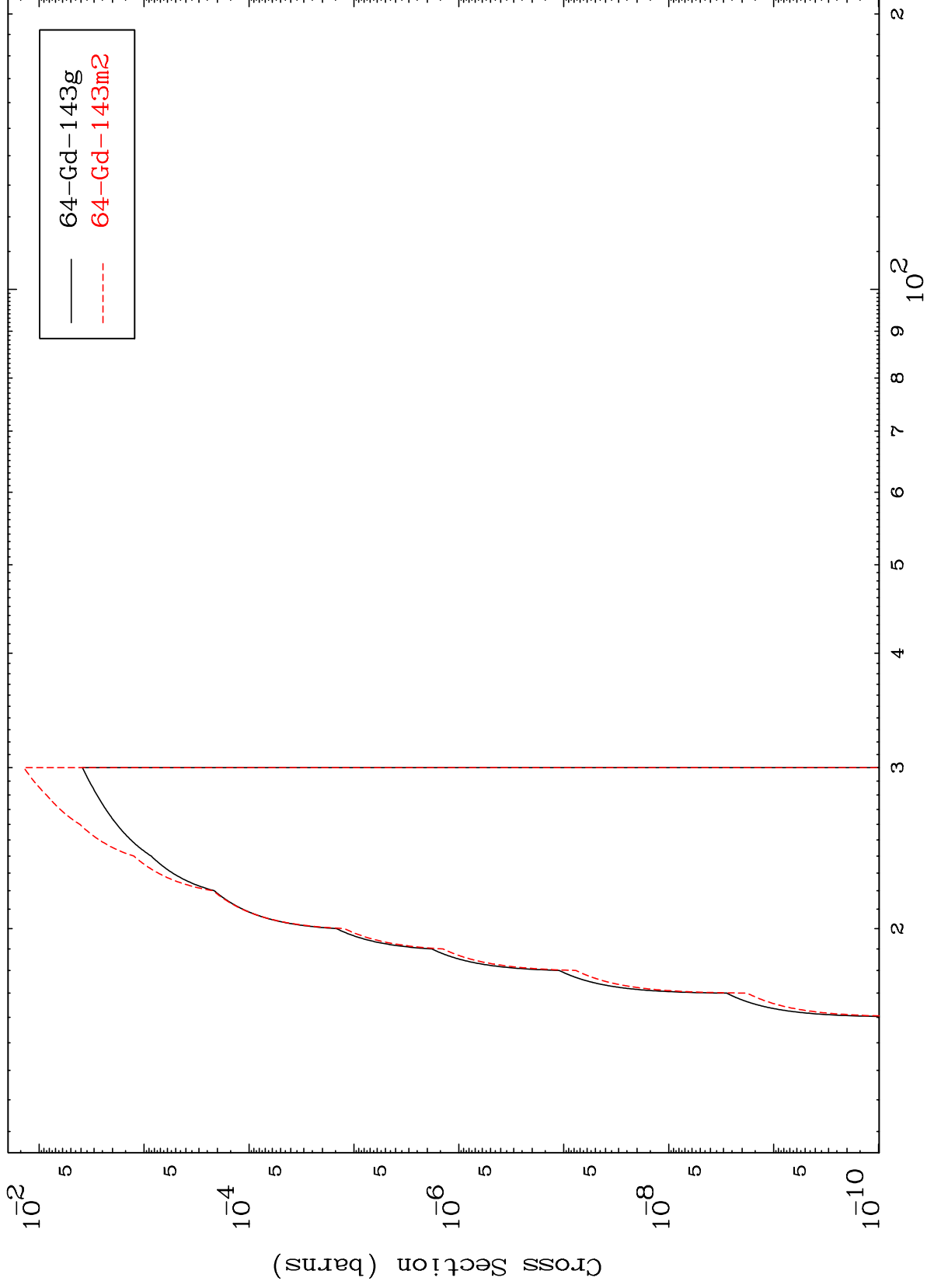
64-Gd-144

MAT 6401

(n,n') t

64-Gd-144

Radionuclide Production Cross Section



19

Incident Energy (MeV)

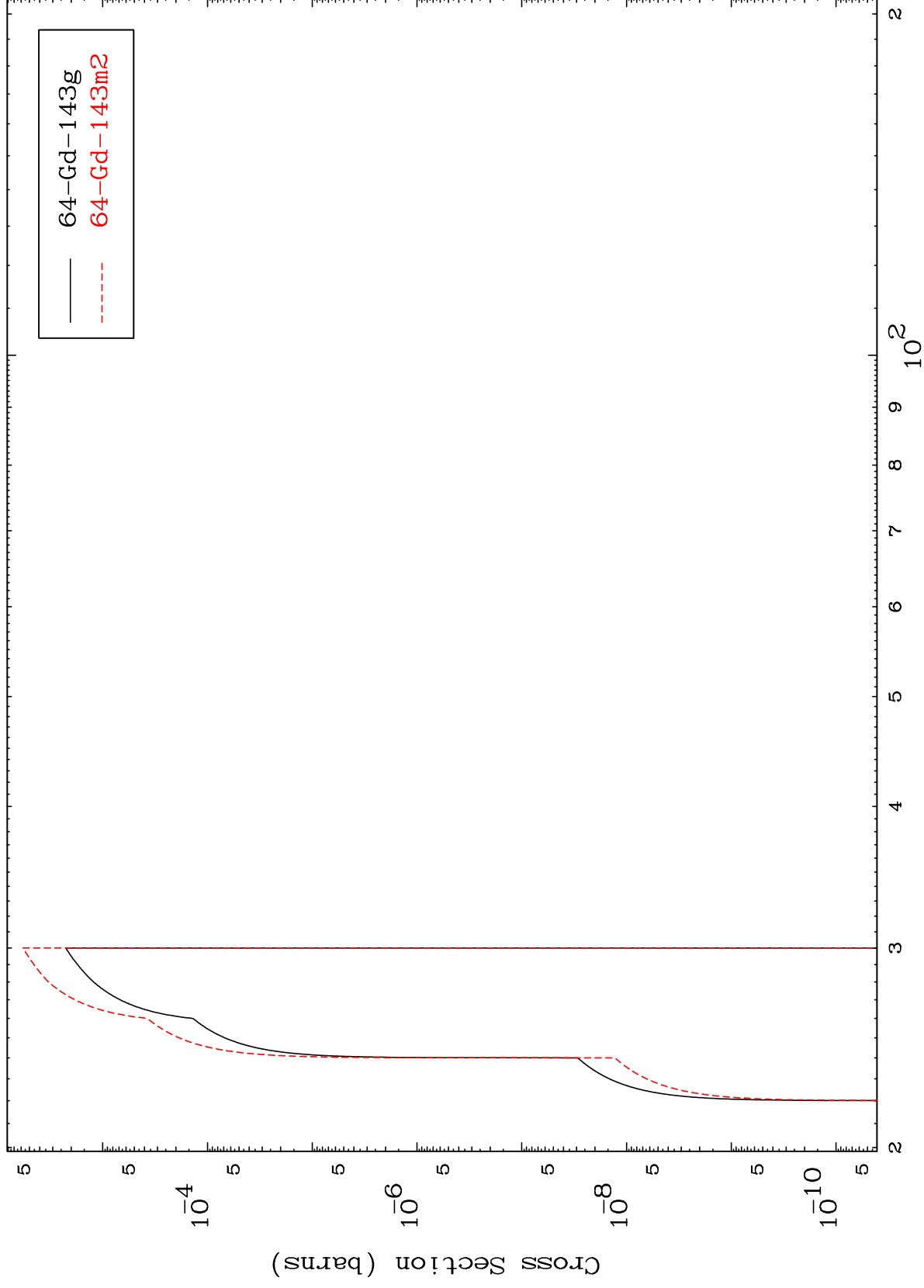
64-Gd-144

MAT 6401

(n,3n) p

64-Gd-144

Radionuclide Production Cross Section



20

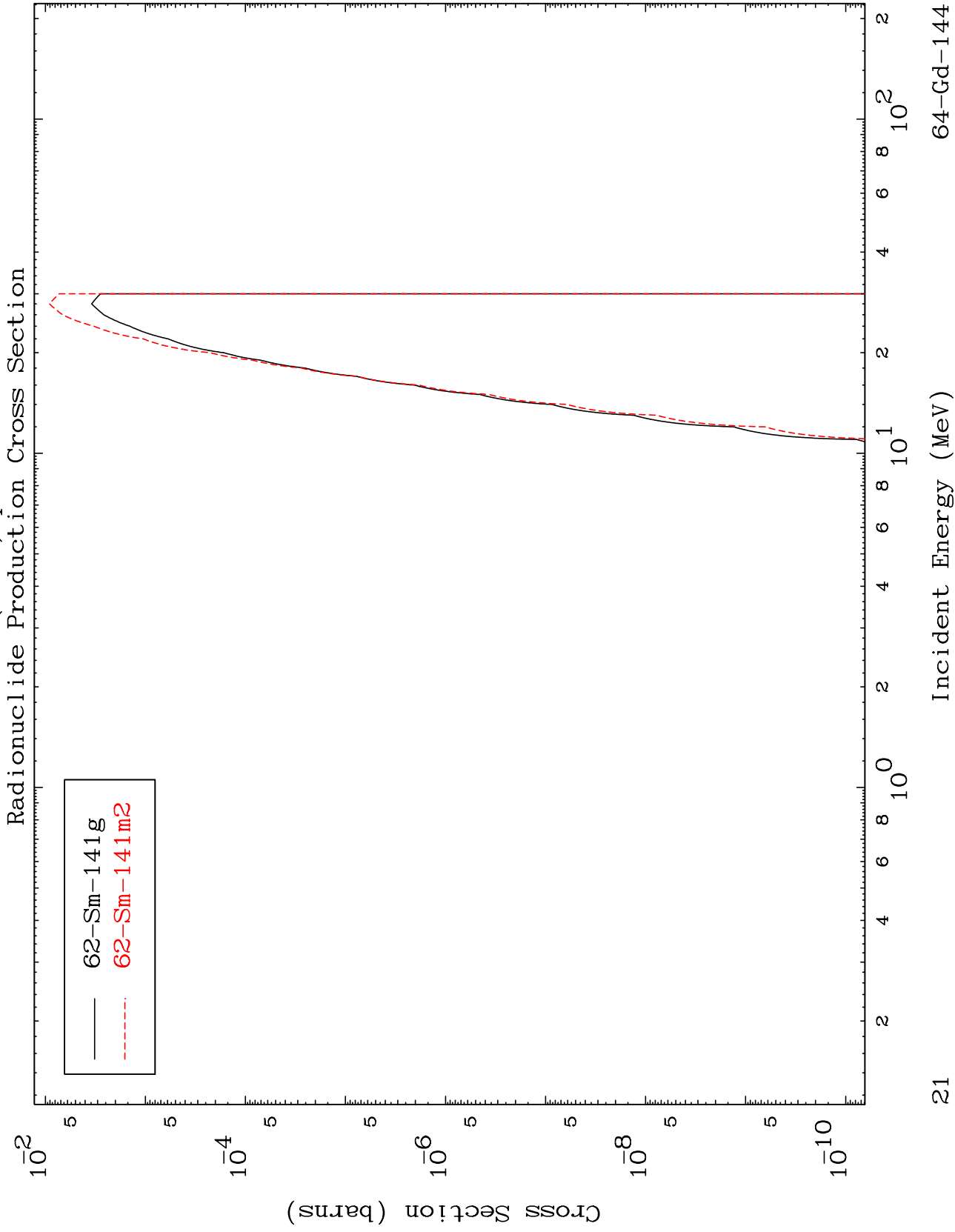
Incident Energy (MeV)

64-Gd-144

MAT 6401

(n,n') p α

64-Gd-144

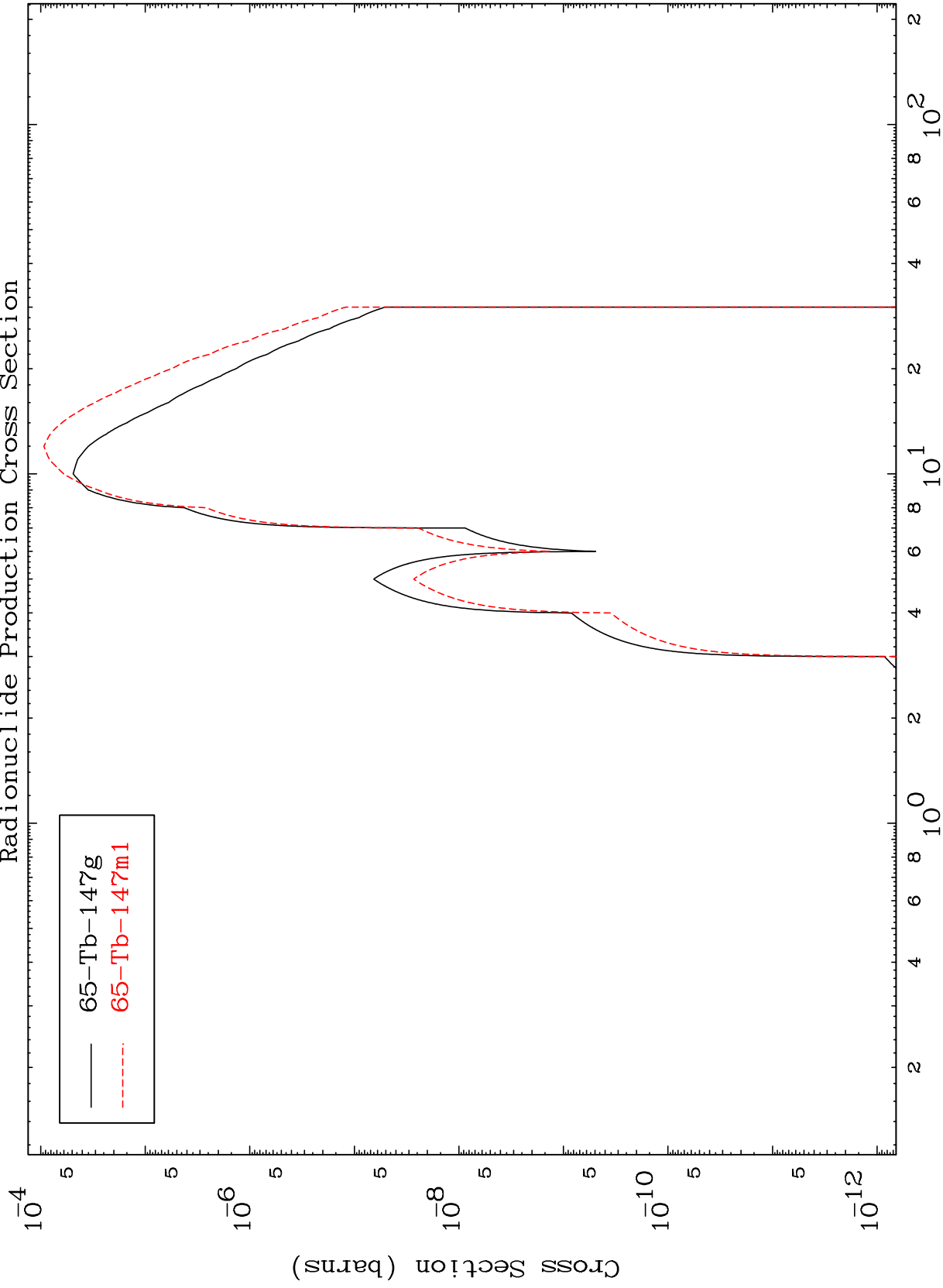


MAT 6401

64-Gd-144

Radionuclide Production Cross Section

(n, γ)



22

Incident Energy (MeV)

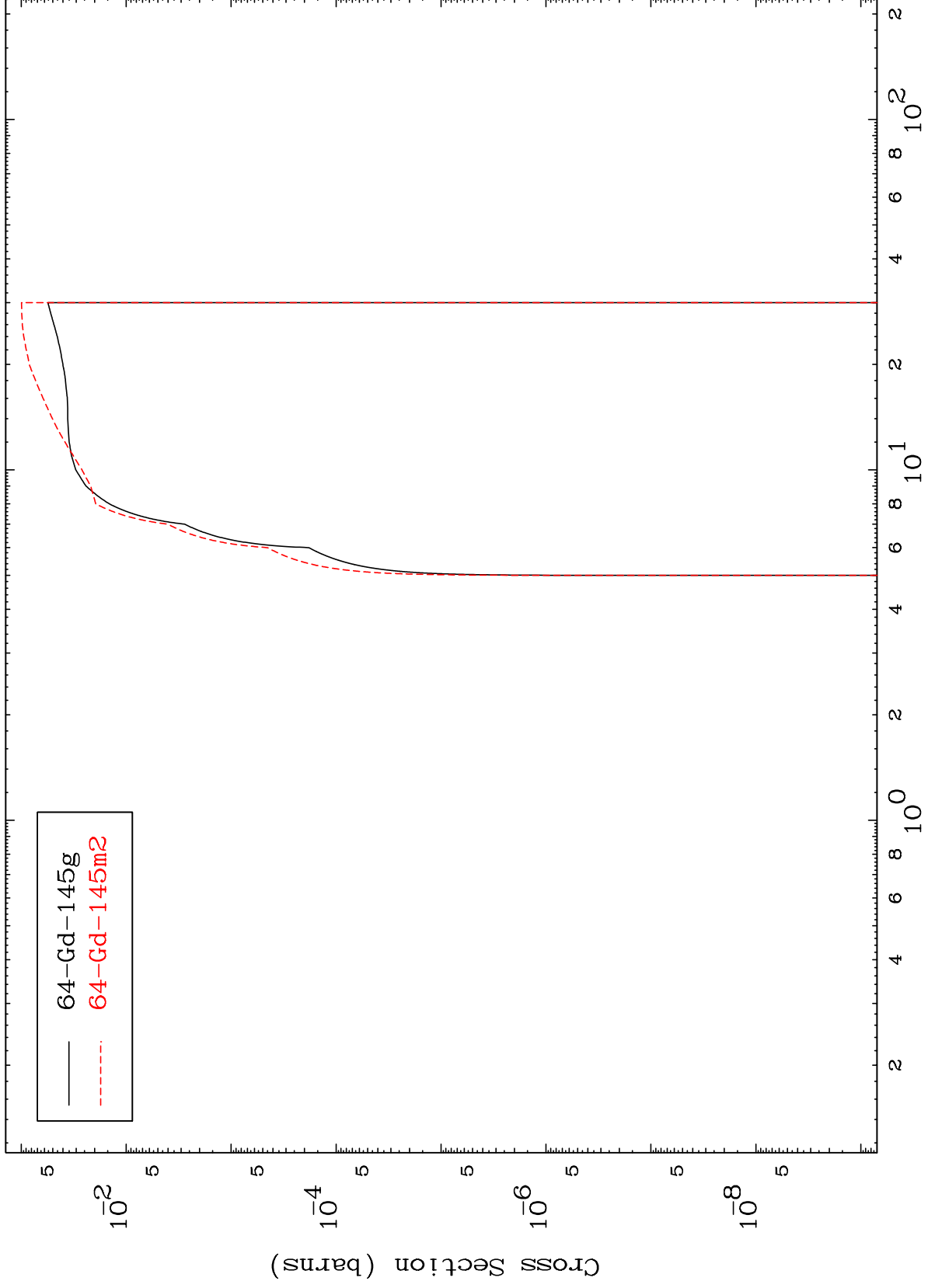
64-Gd-144

MAT 6401

(n,d)

64-Gd-144

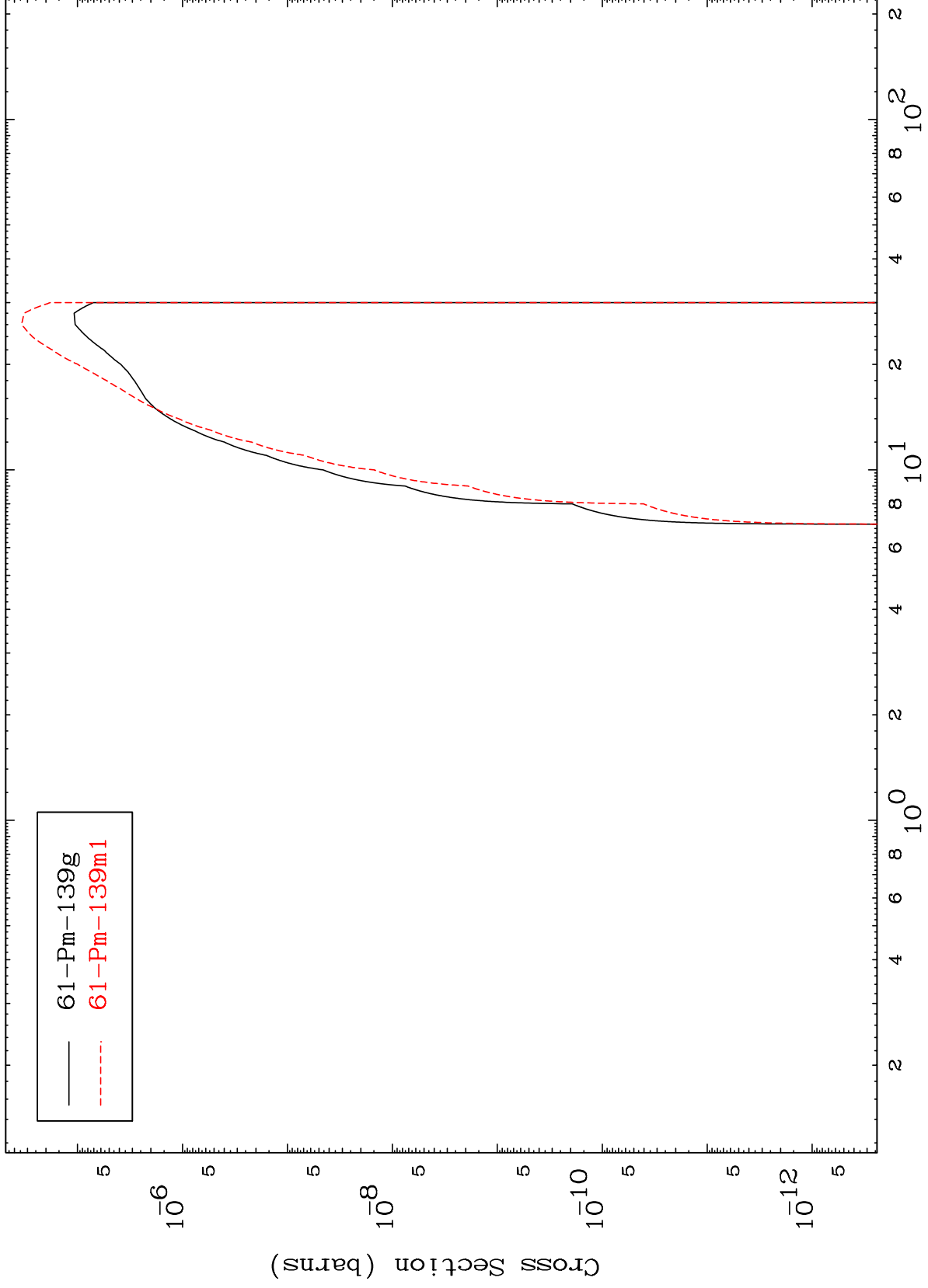
Radionuclide Production Cross Section



MAT 6401

64-Gd-144

Radionuclide Production Cross Section
(n,2α)



24

64-Gd-144

Incident Energy (MeV)

MAT 6401

(n,d) α

64-Gd-144

