

Program EVALPLOT
(Version 2021-1)

by

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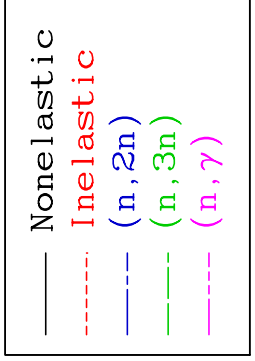
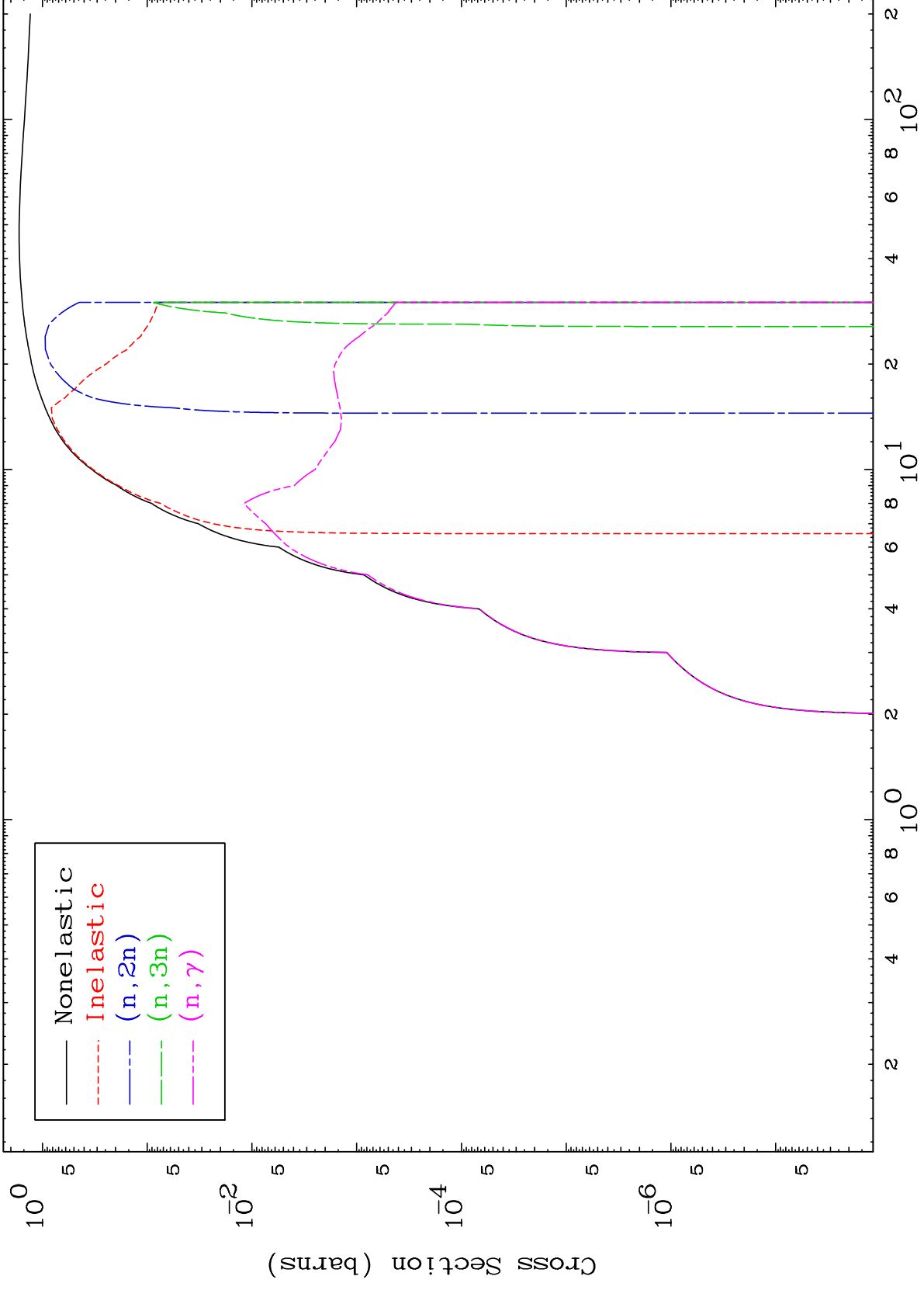
Press Mouse Button to Start

MAT 6413

Proton Major

64-Gd-148

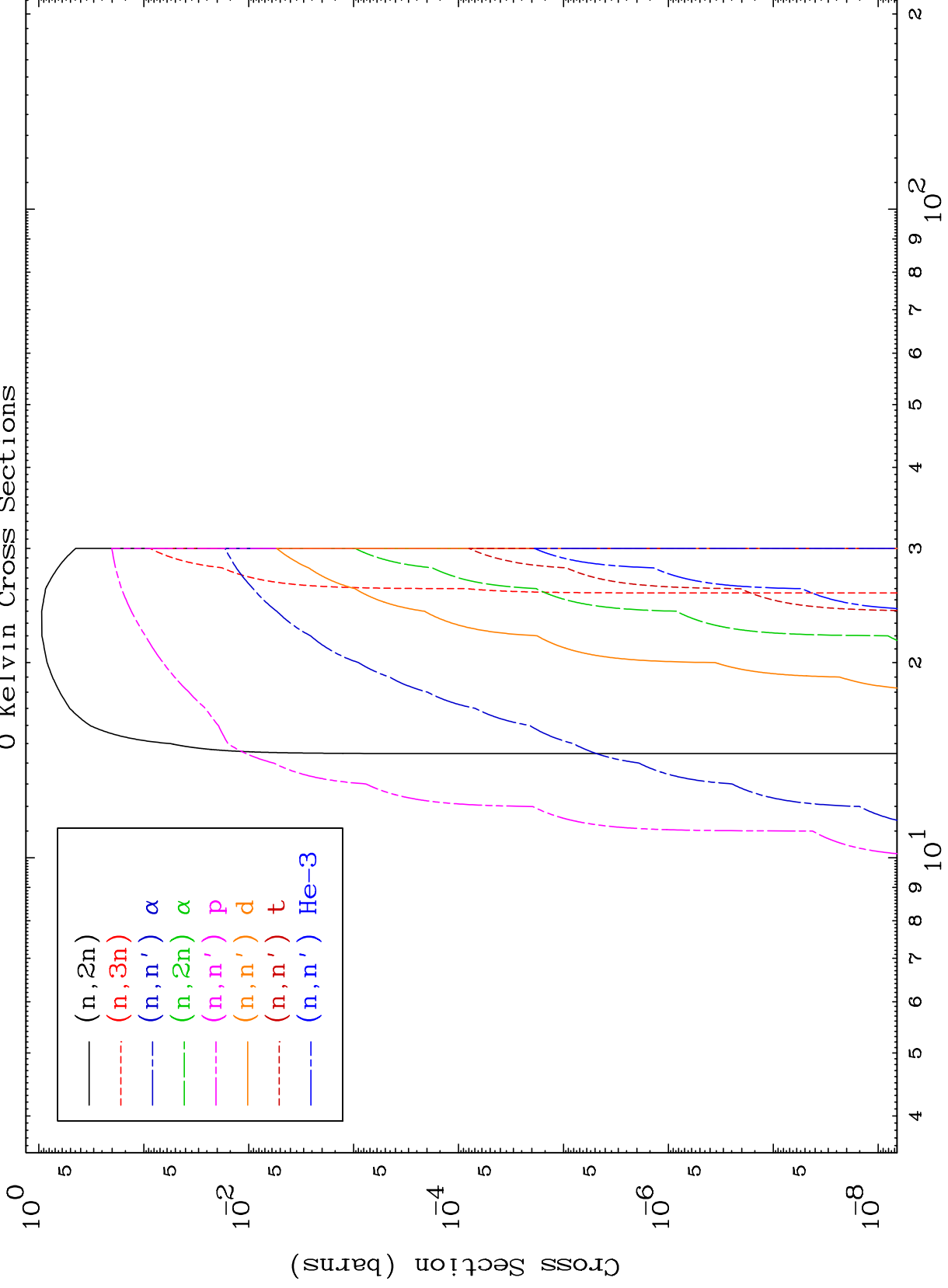
0 Kelvin Cross Sections



MAT 6413

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-148



2

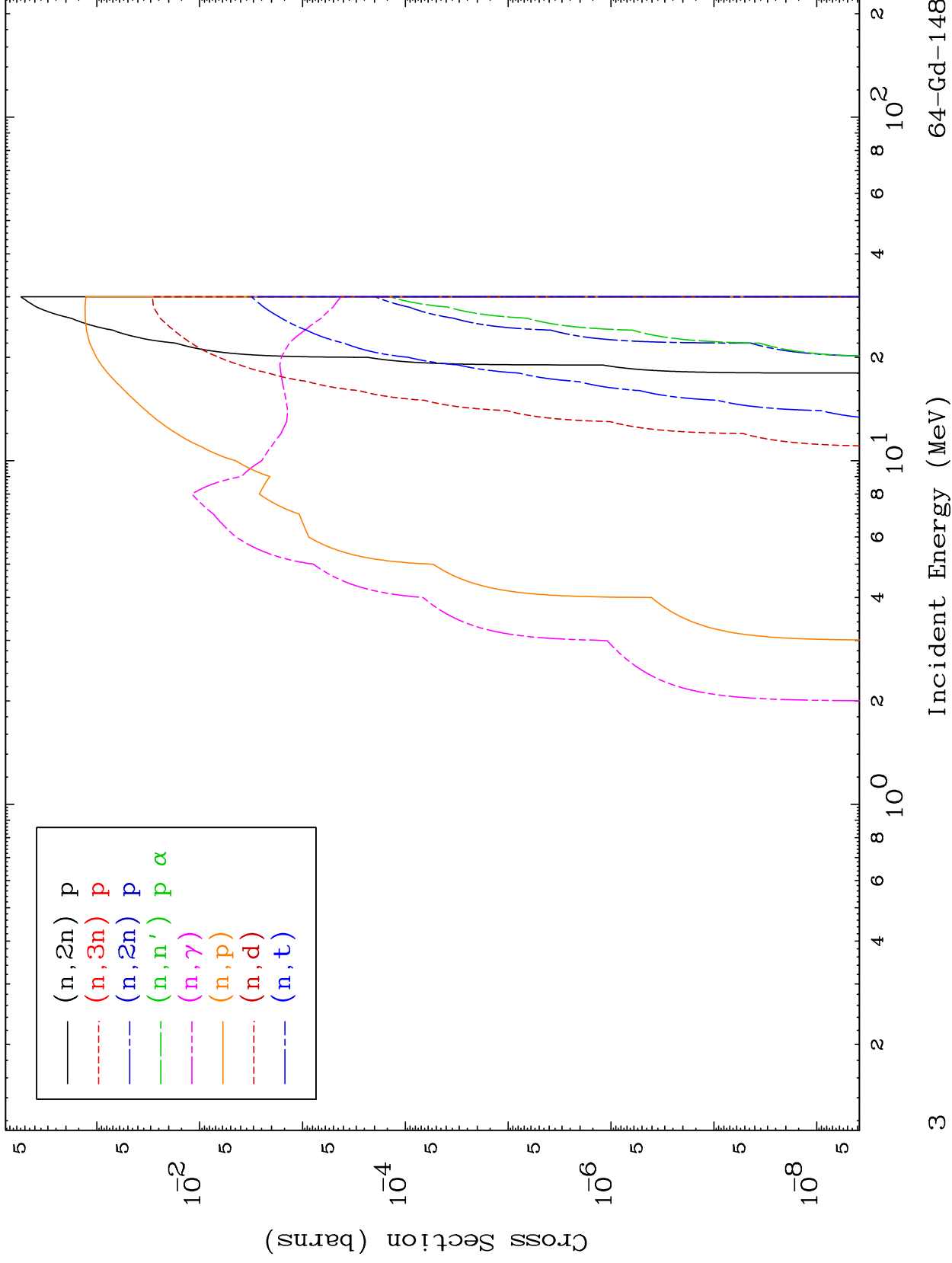
Incident Energy (MeV)

64-Gd-148

MAT 6413

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-148

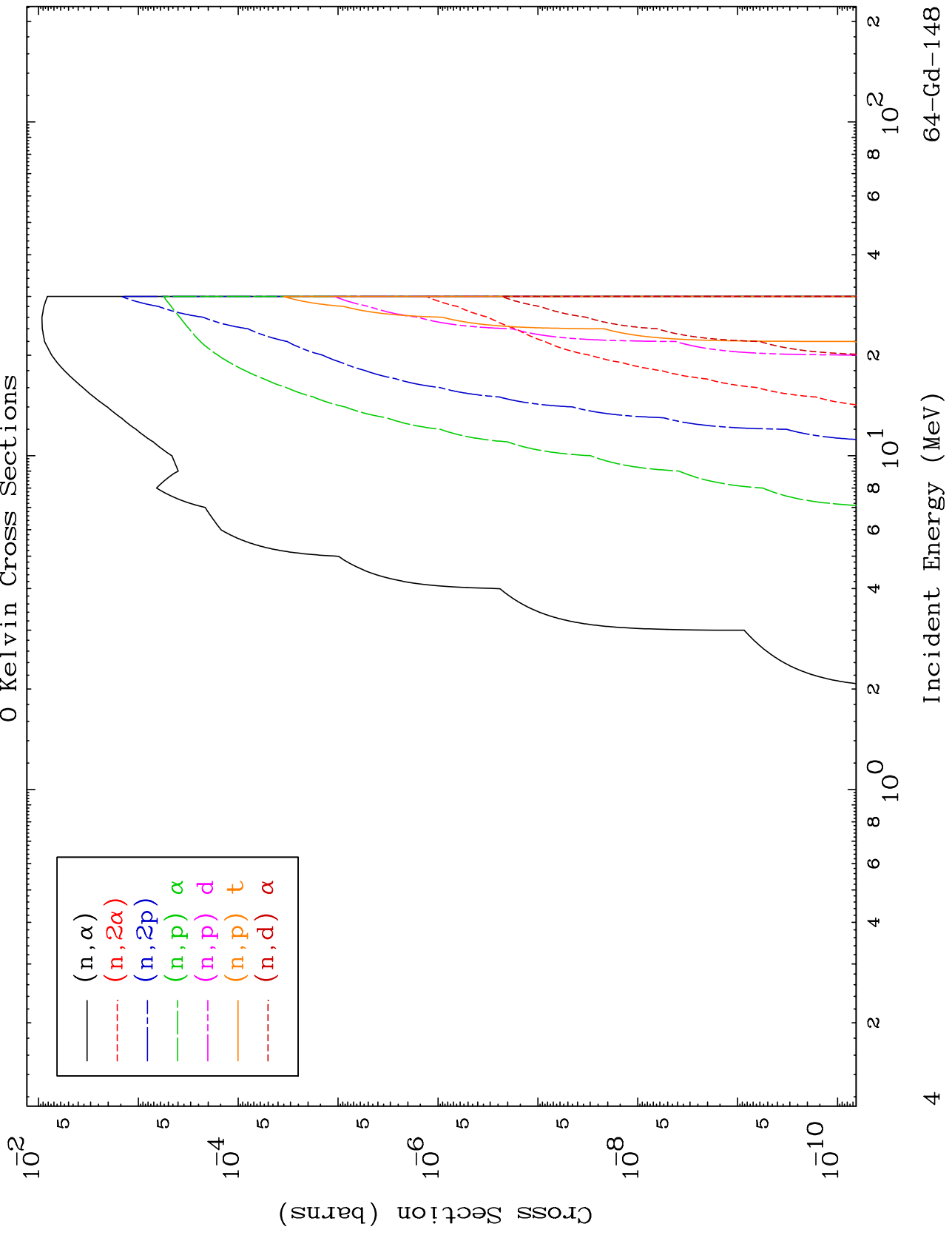


64-Gd-148

MAT 6413

Proton Neutron Absorption
0 Kelvin Cross Sections

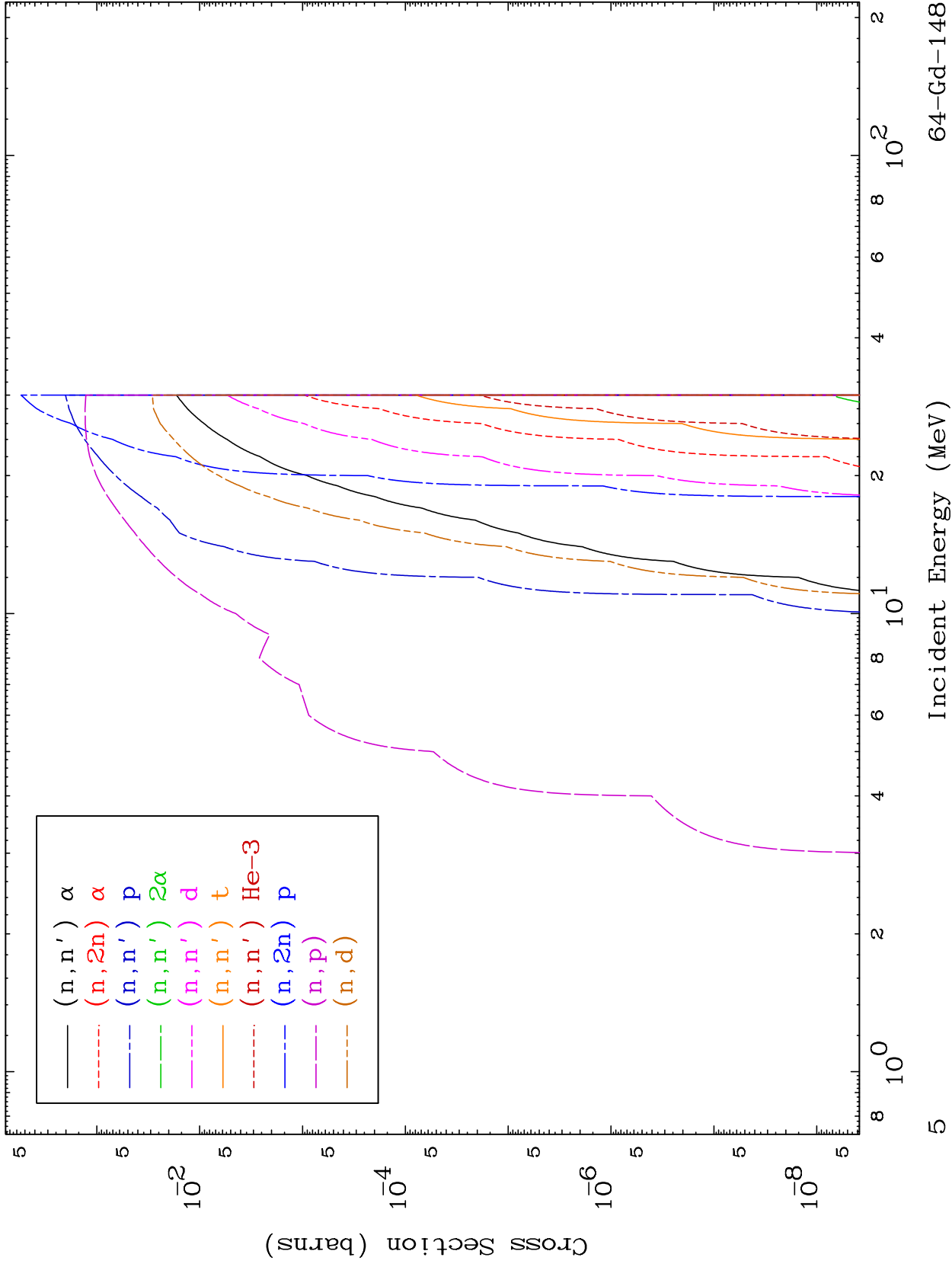
64-Gd-148



MAT 6413

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-148



64-Gd-148

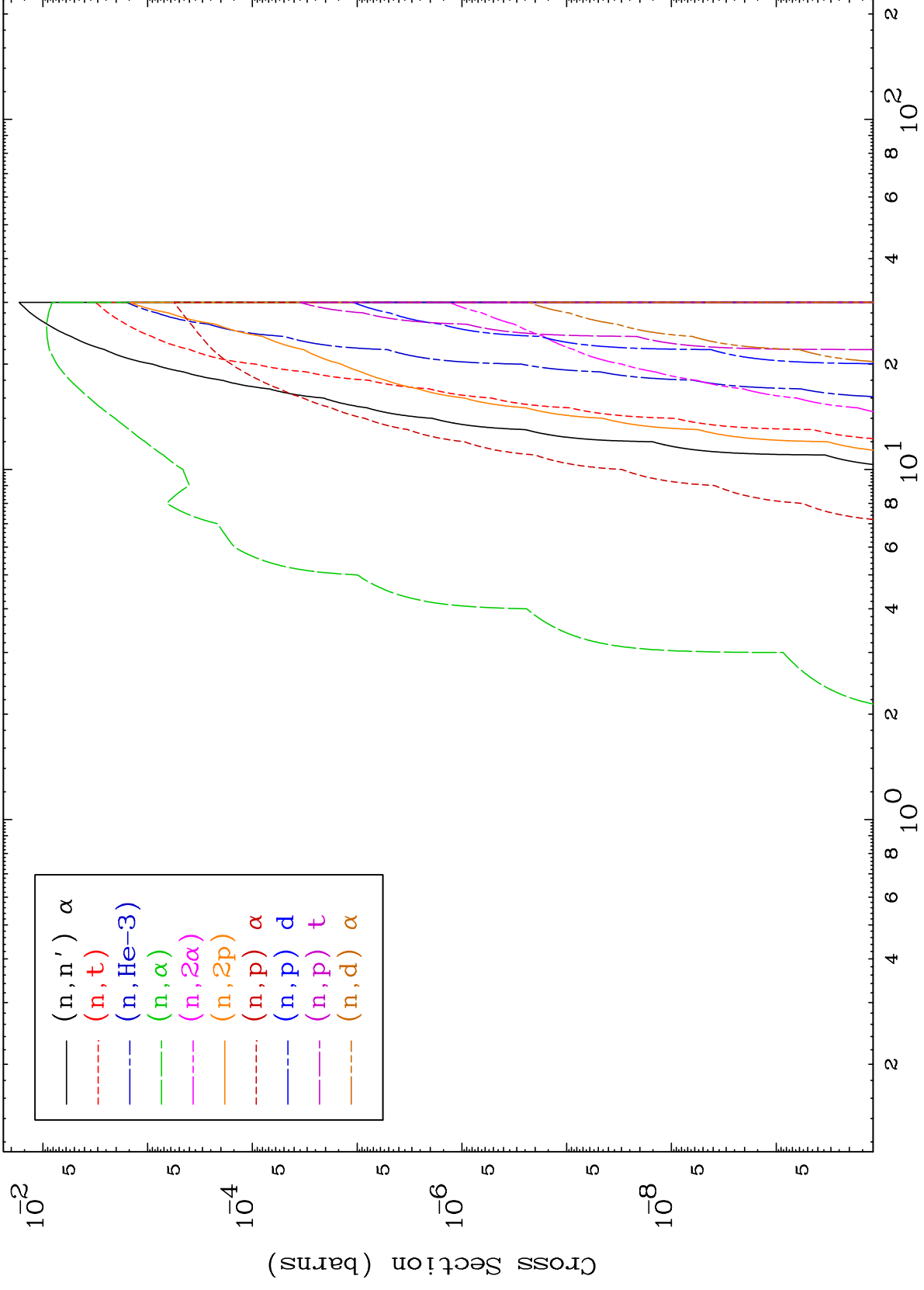
Incident Energy (MeV)

5

MAT 6413

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-148

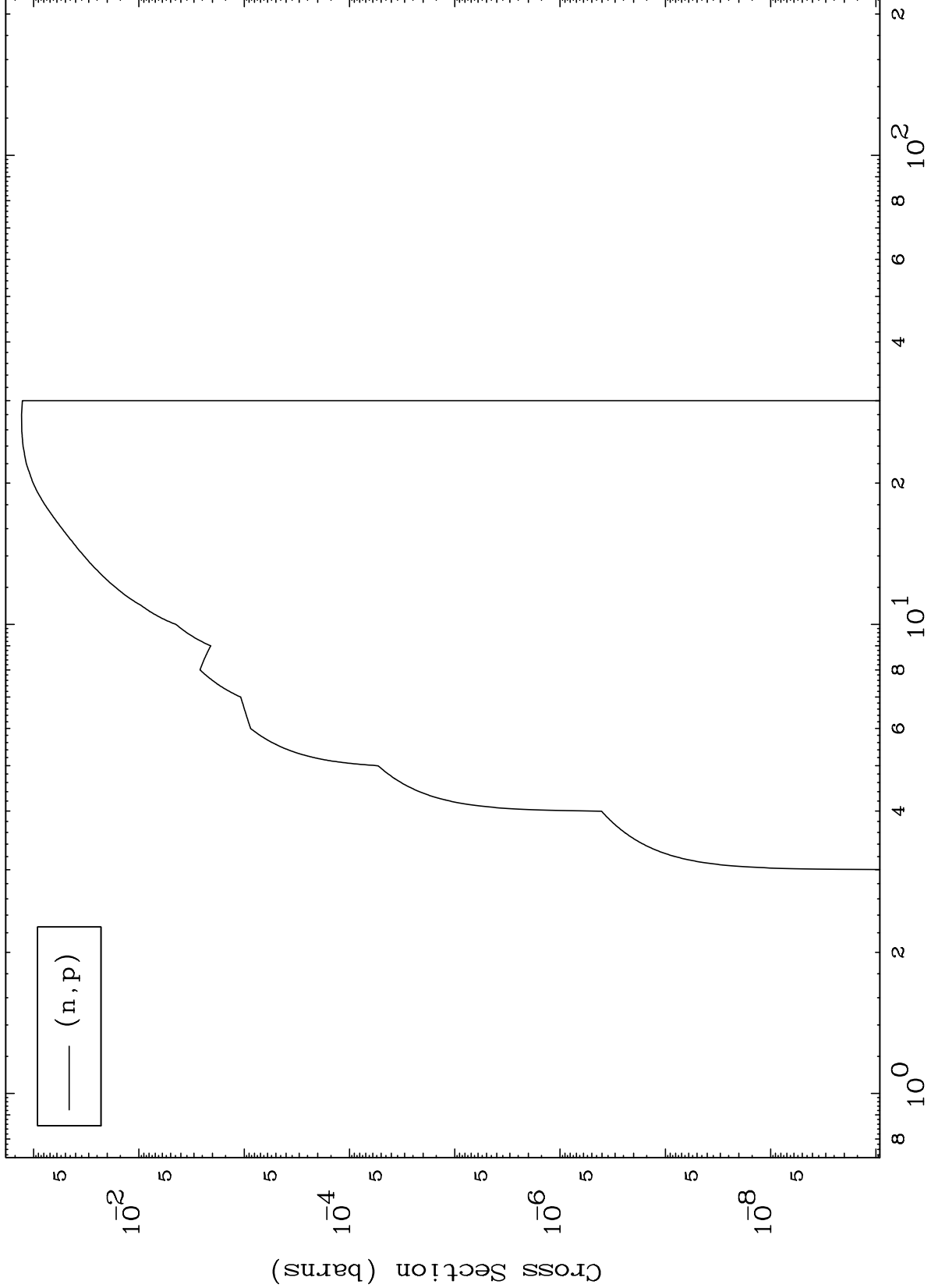


MAT 6413

(p,p) Levels

64-Gd-148

0 Kelvin Cross Sections



7

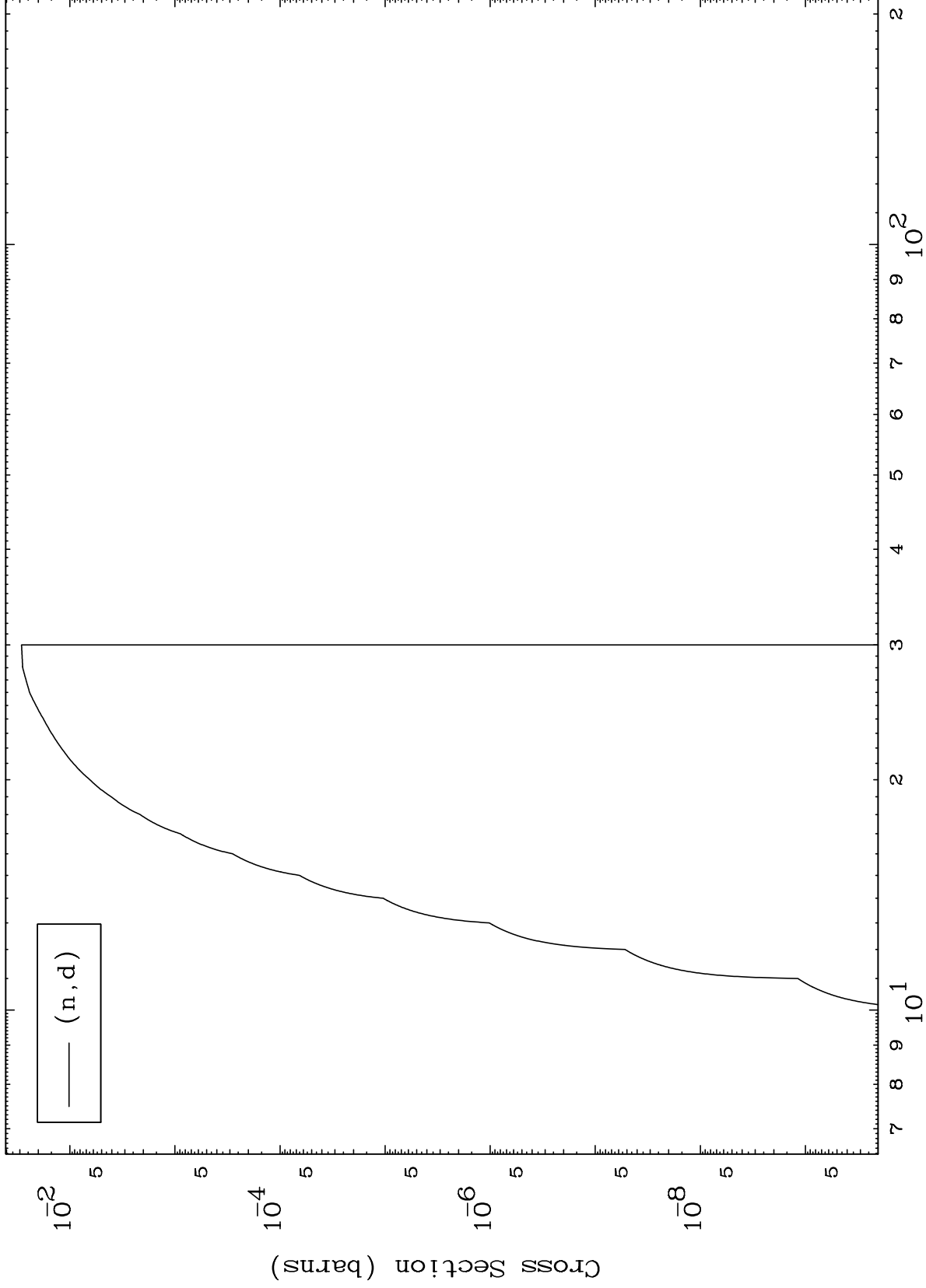
Incident Energy (MeV)

64-Gd-148

MAT 6413

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-148



8

Incident Energy (MeV)

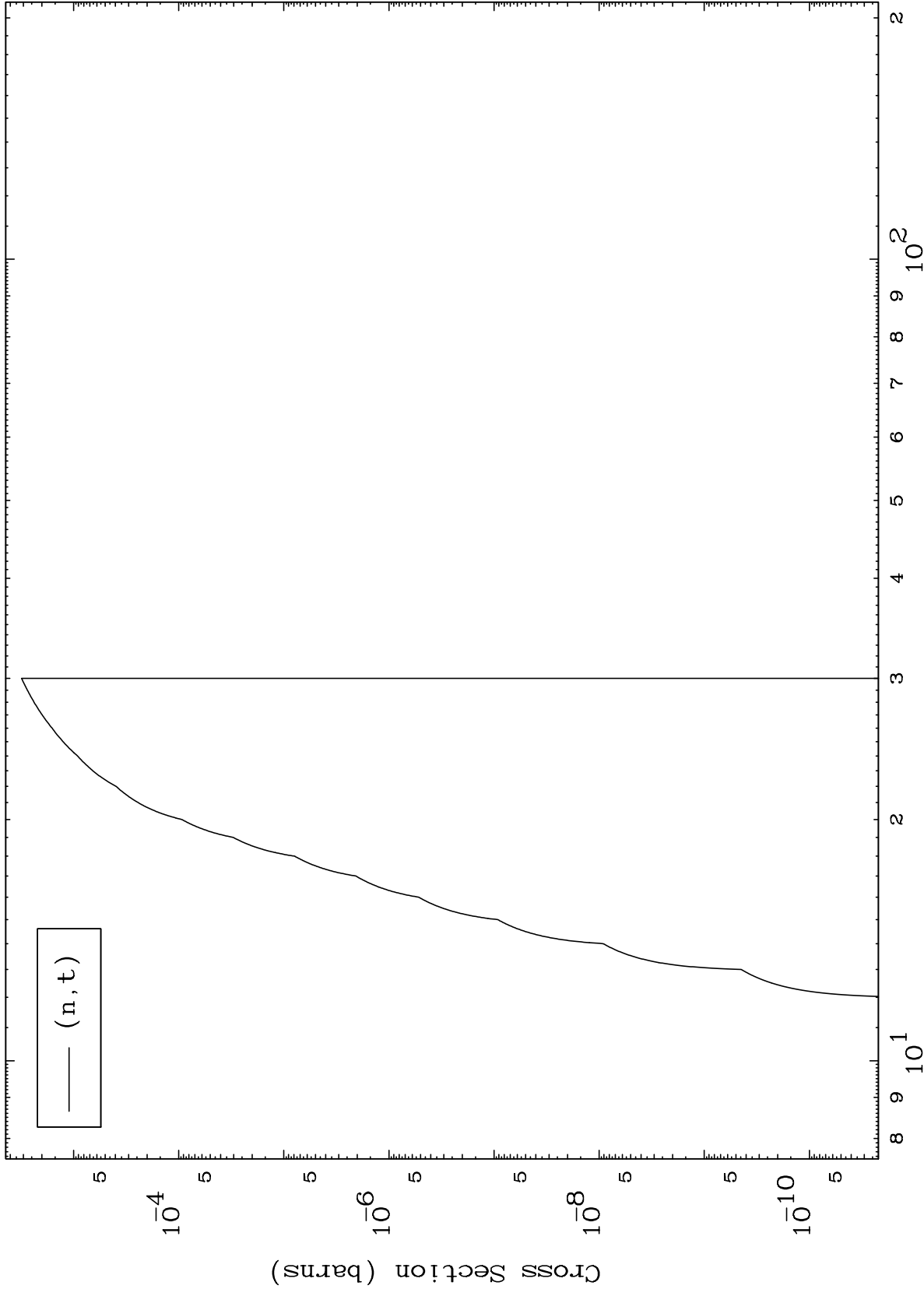
64-Gd-148

MAT 6413

(p,t) Levels

64-Gd-148

0 Kelvin Cross Sections



9

Incident Energy (MeV)

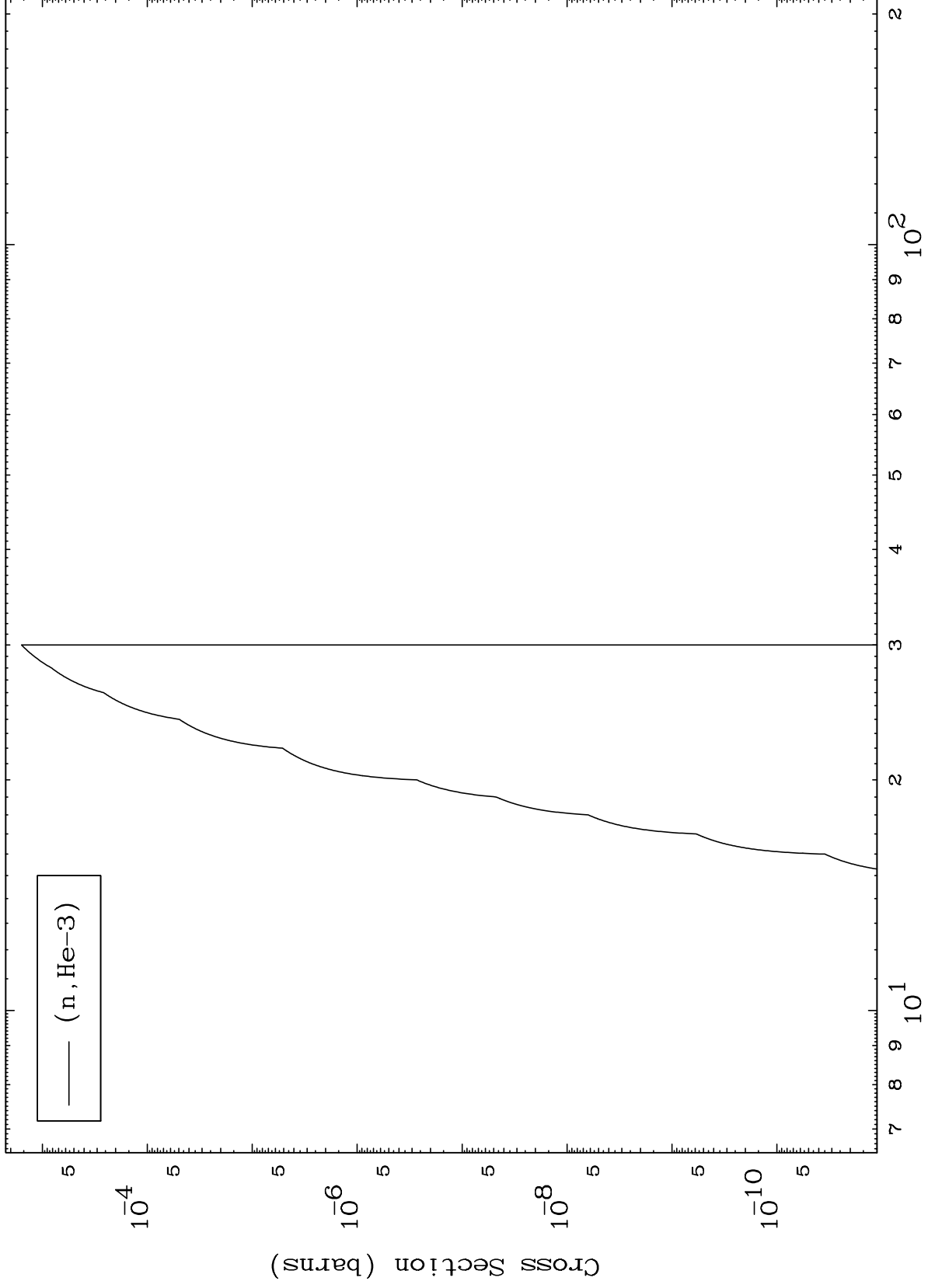
64-Gd-148

MAT 6413

(p,He3) Levels

64-Gd-148

0 Kelvin Cross Sections



10

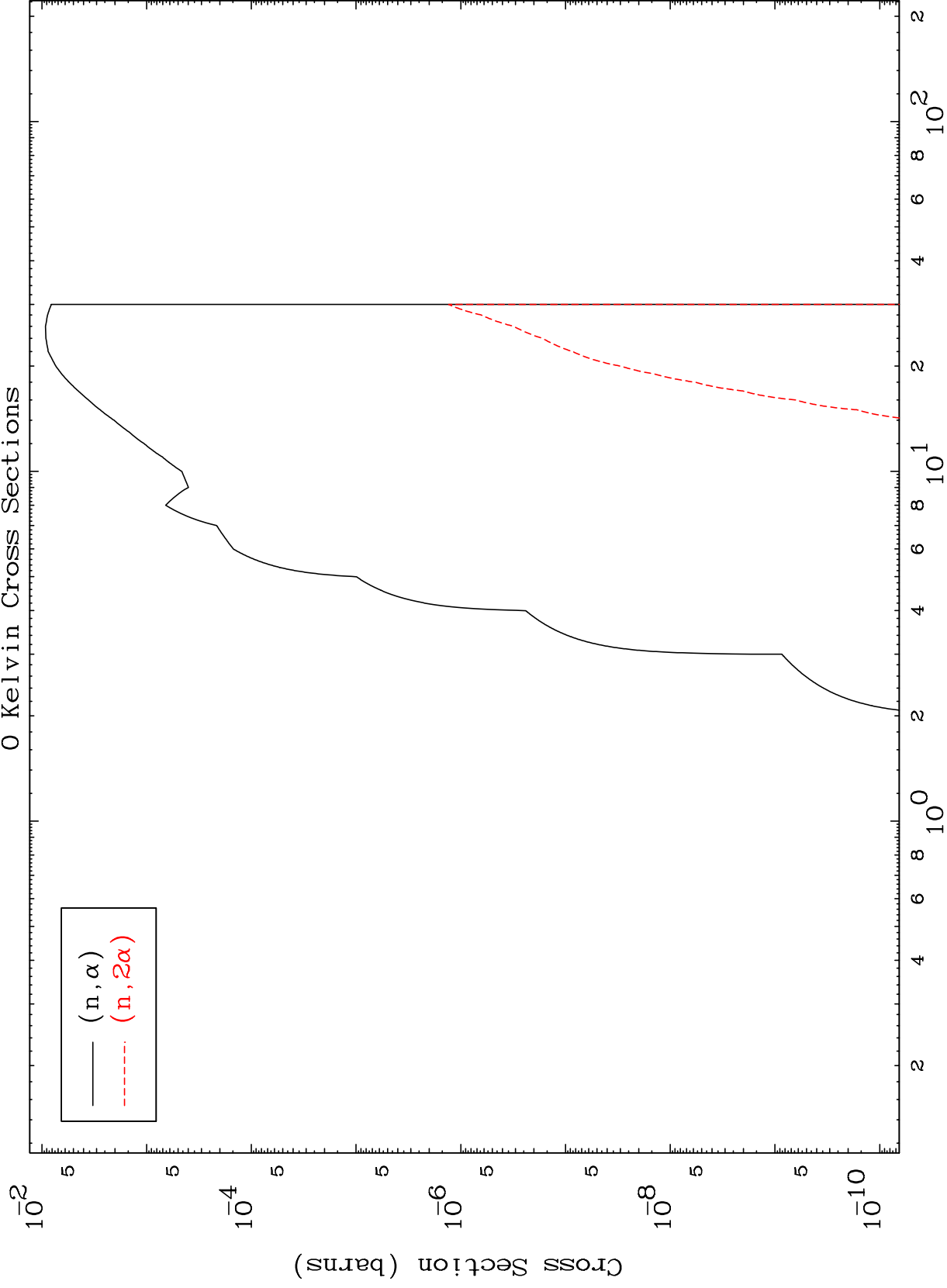
Incident Energy (MeV)

64-Gd-148

MAT 6413

(p, α) Levels
0 Kelvin Cross Sections

64-Gd-148



11

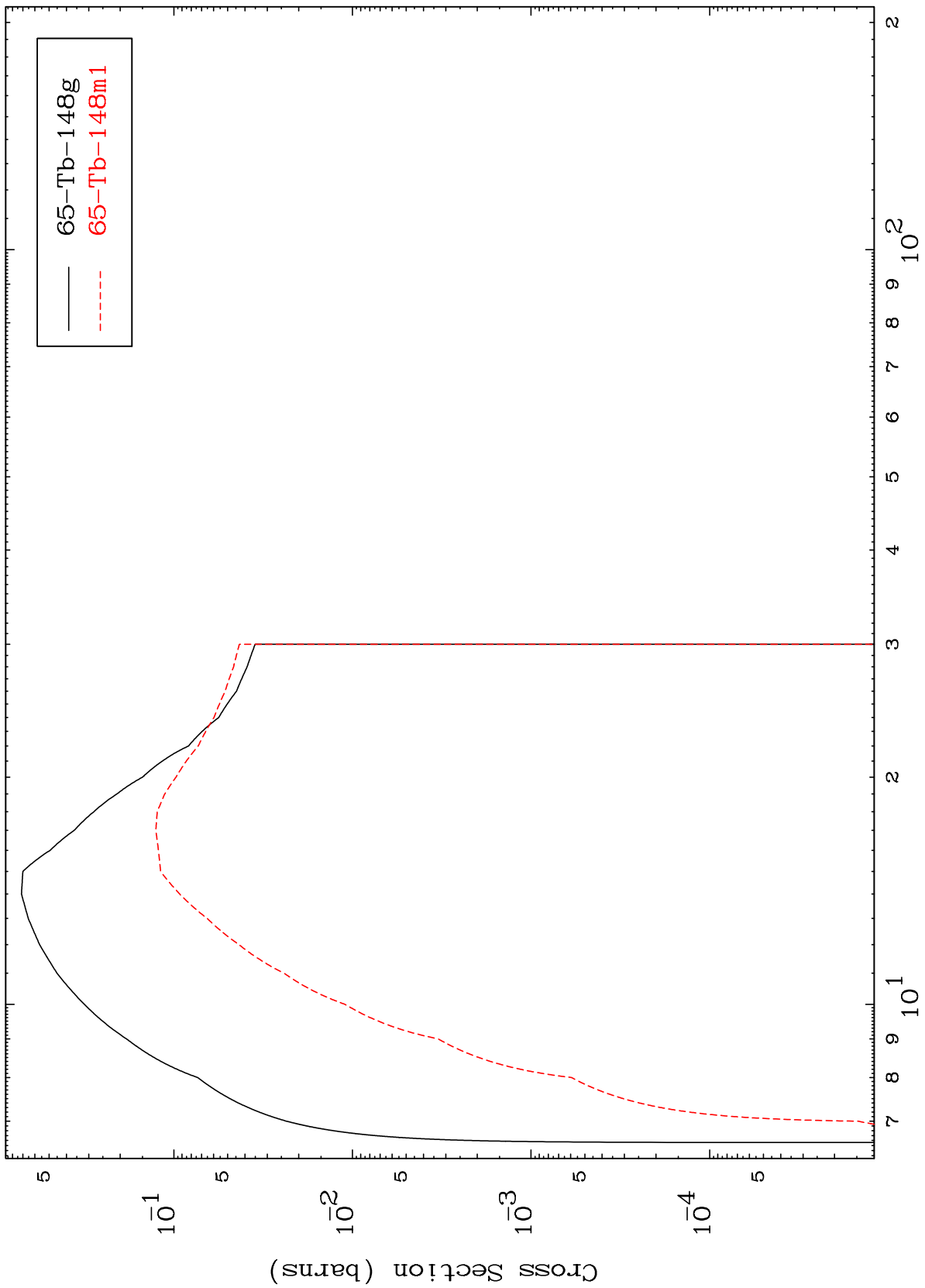
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

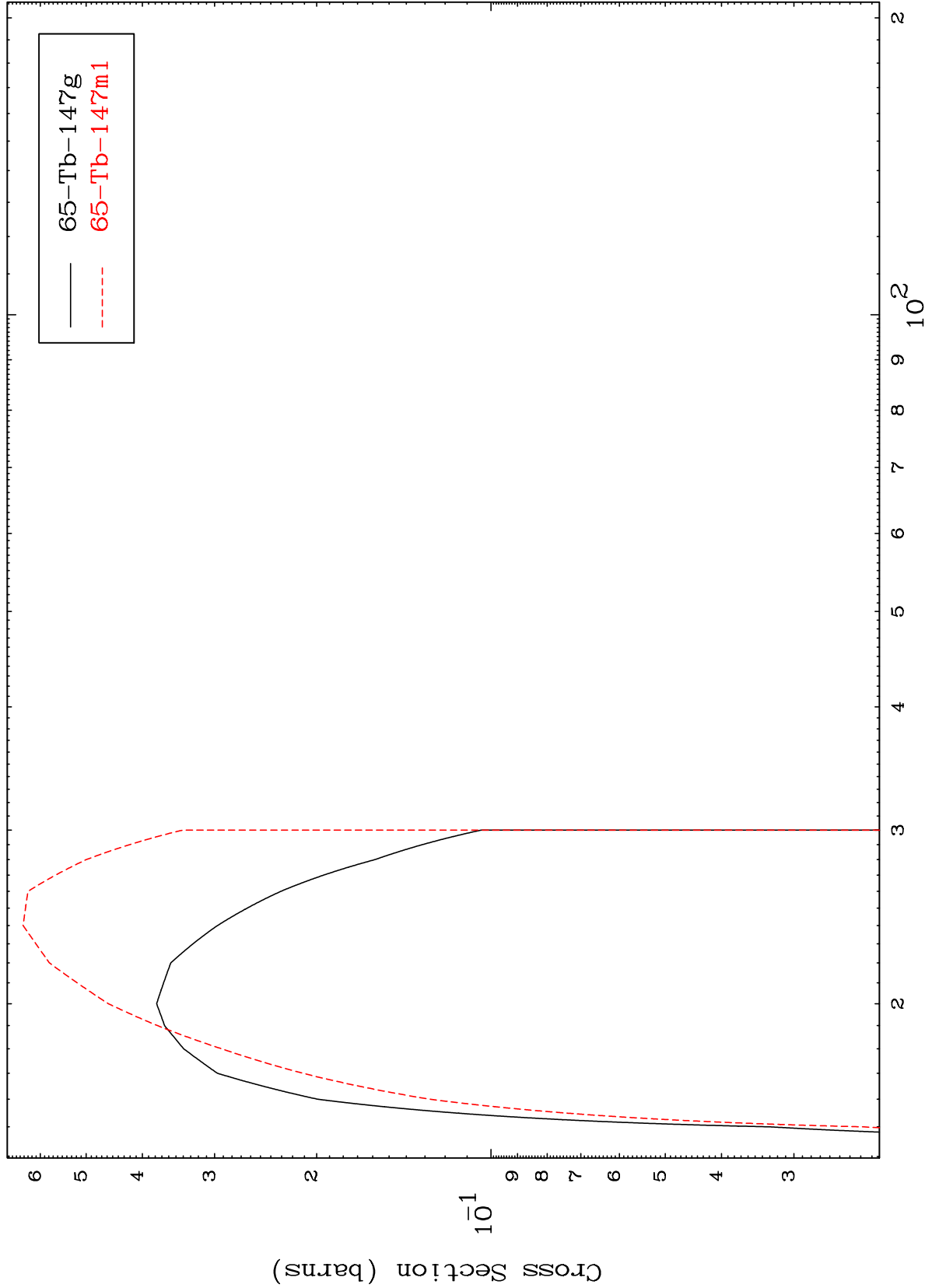
64-Gd-148

MAT 6413

(n,2n)

64-Gd-148

Radionuclide Production Cross Section



13

Incident Energy (MeV)

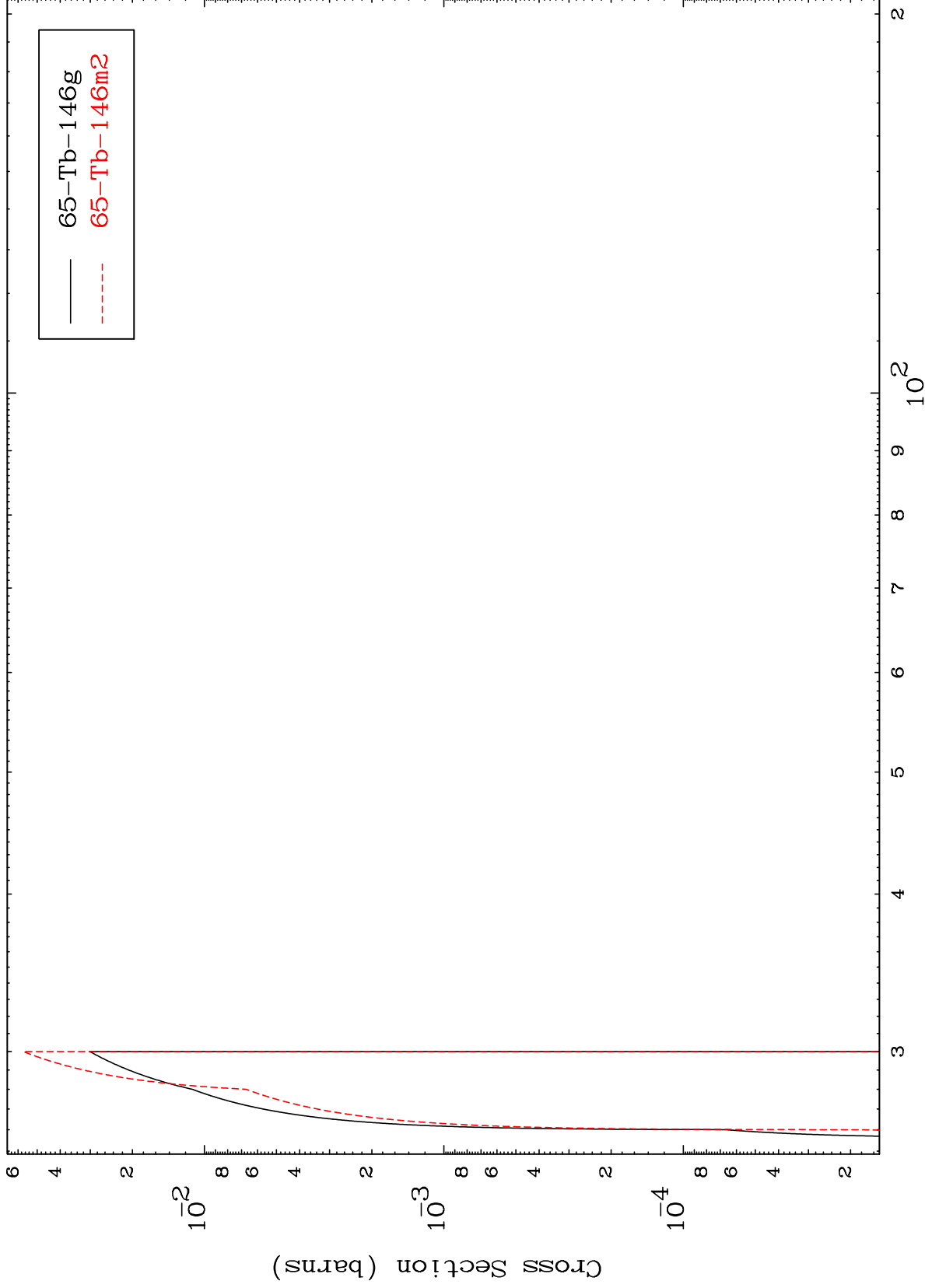
64-Gd-148

MAT 6413

(n,3n)

64-Gd-148

Radionuclide Production Cross Section



14

Incident Energy (MeV)

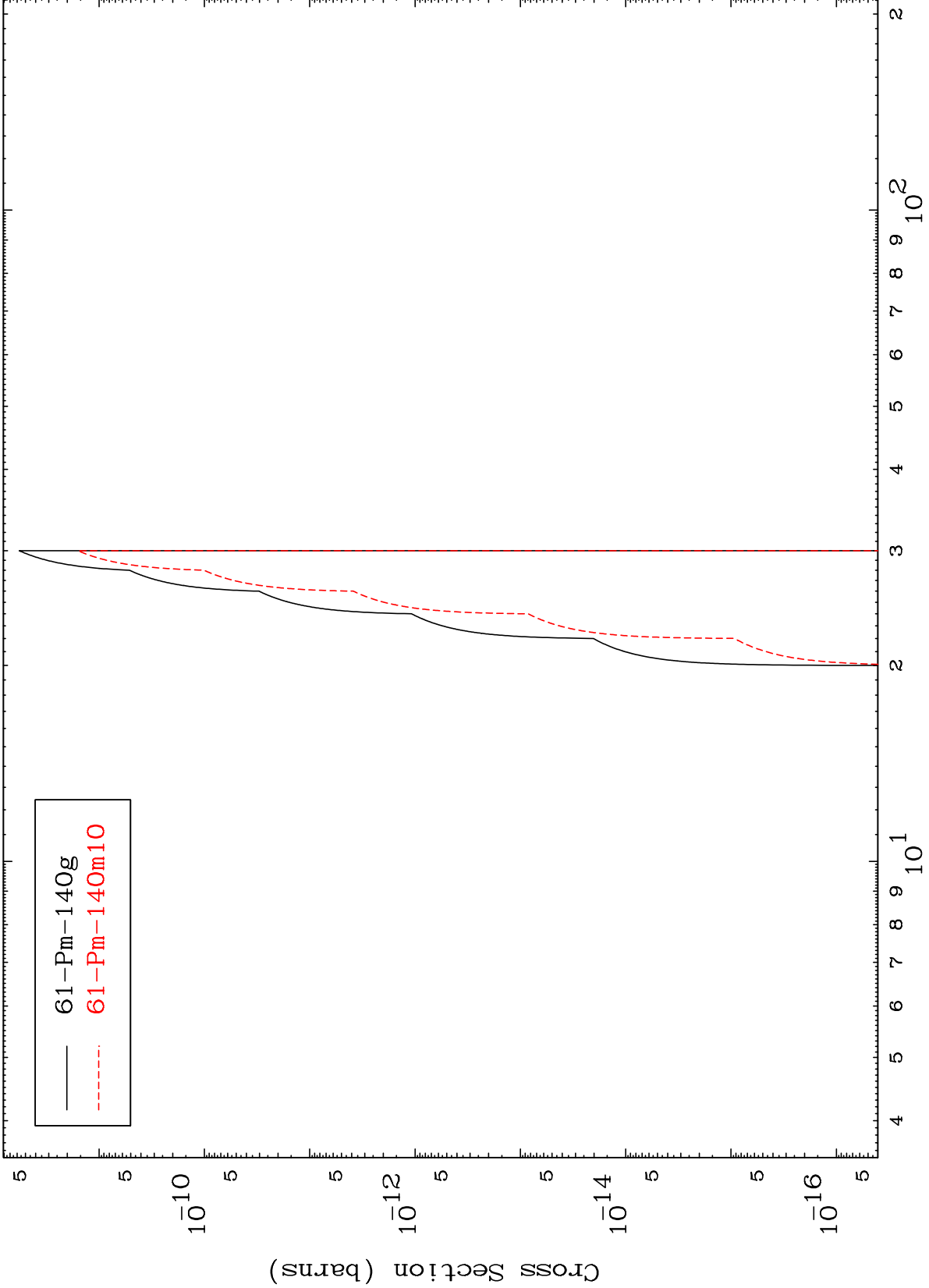
64-Gd-148

MAT 6413

(n,n') 2α

64-Gd-148

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

15

Incident Energy (MeV)

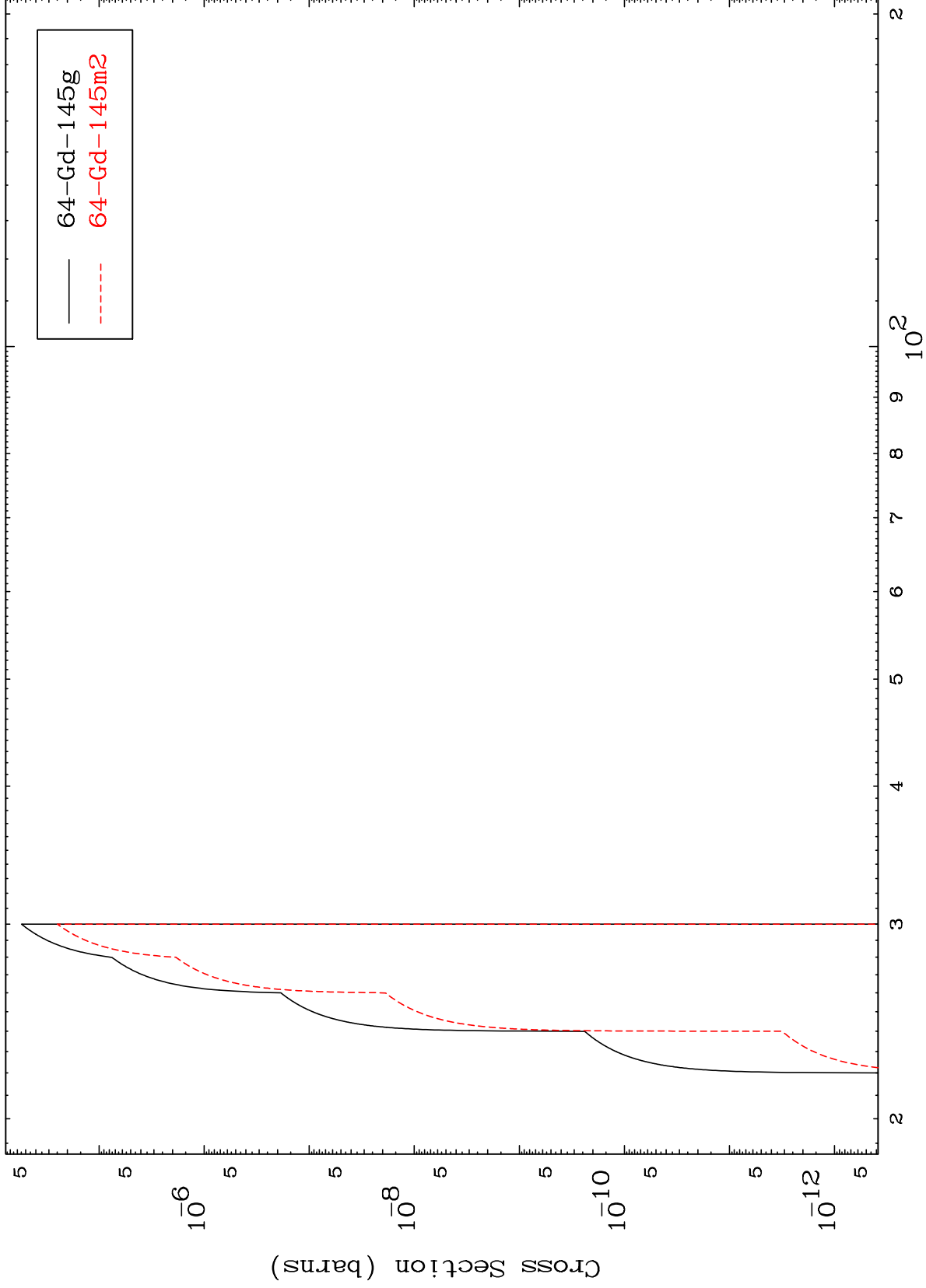
64-Gd-148

MAT 6413

(n,n') t

64-Gd-148

Radionuclide Production Cross Section



16

Incident Energy (MeV)

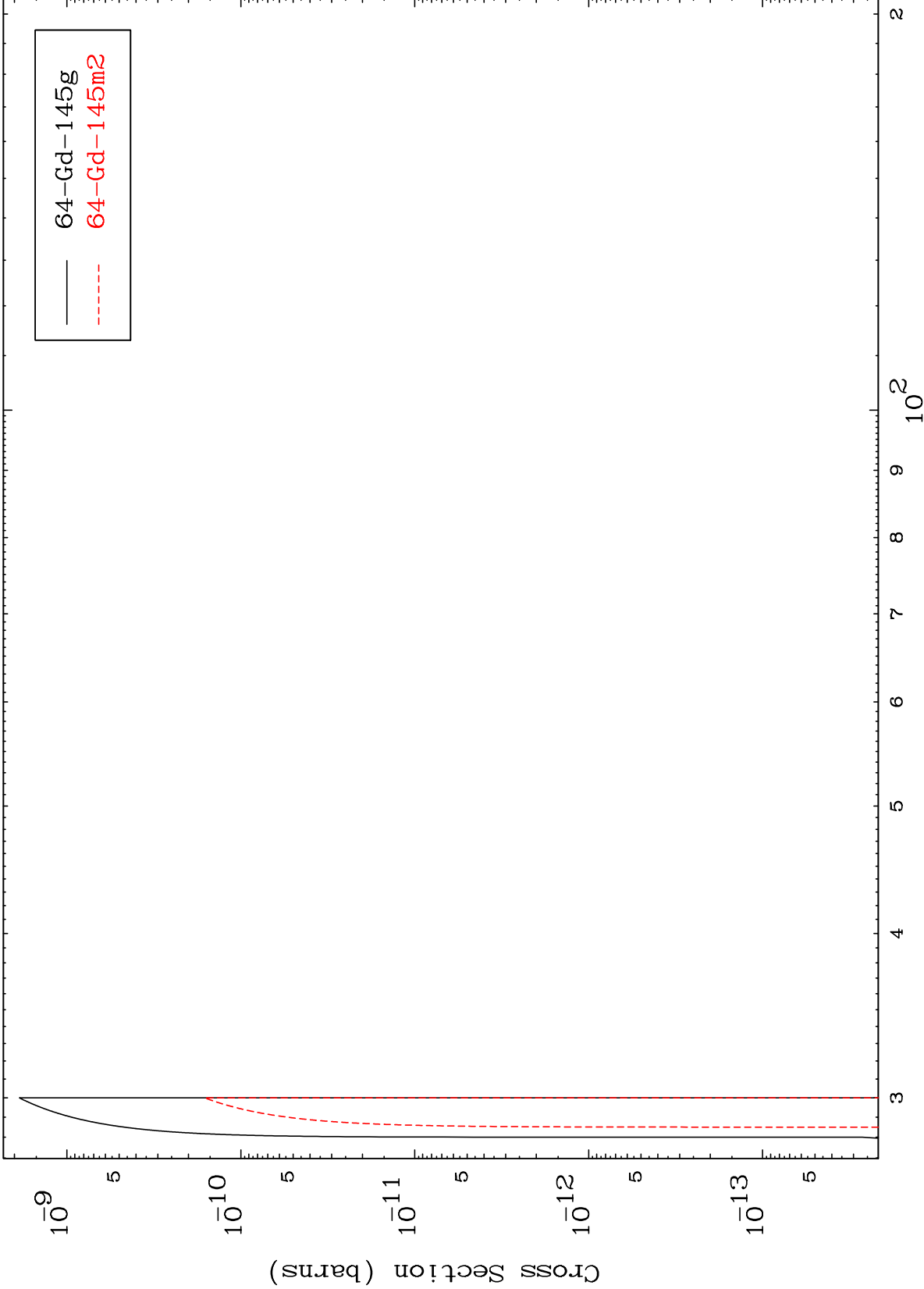
64-Gd-148

MAT 6413

(n,3n) p

64-Gd-148

Radionuclide Production Cross Section



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

17

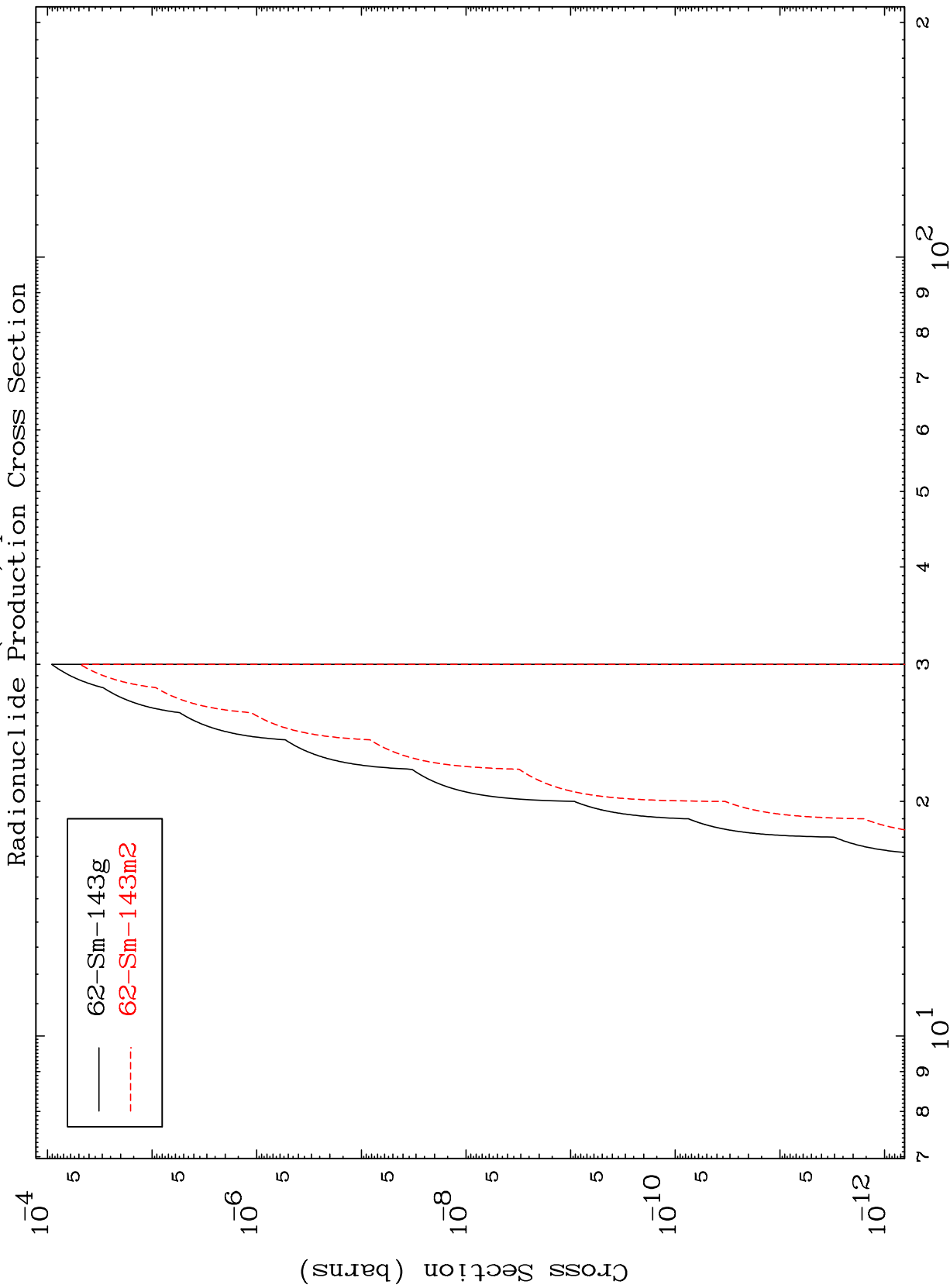
Incident Energy (MeV)

64-Gd-148

MAT 6413

(n,n') p α

64-Gd-148

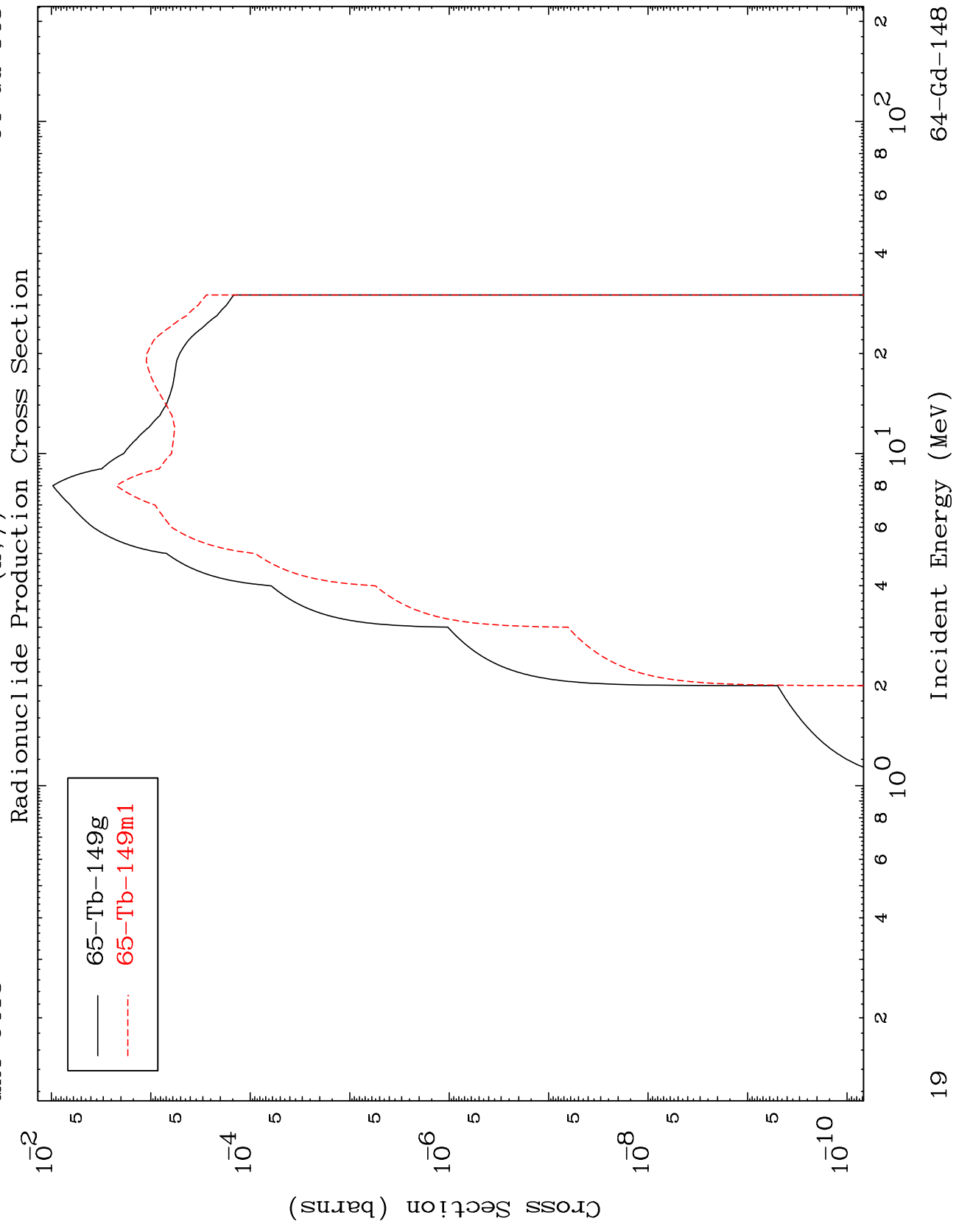


18

64-Gd-148

MAT 6413

64-Gd-148

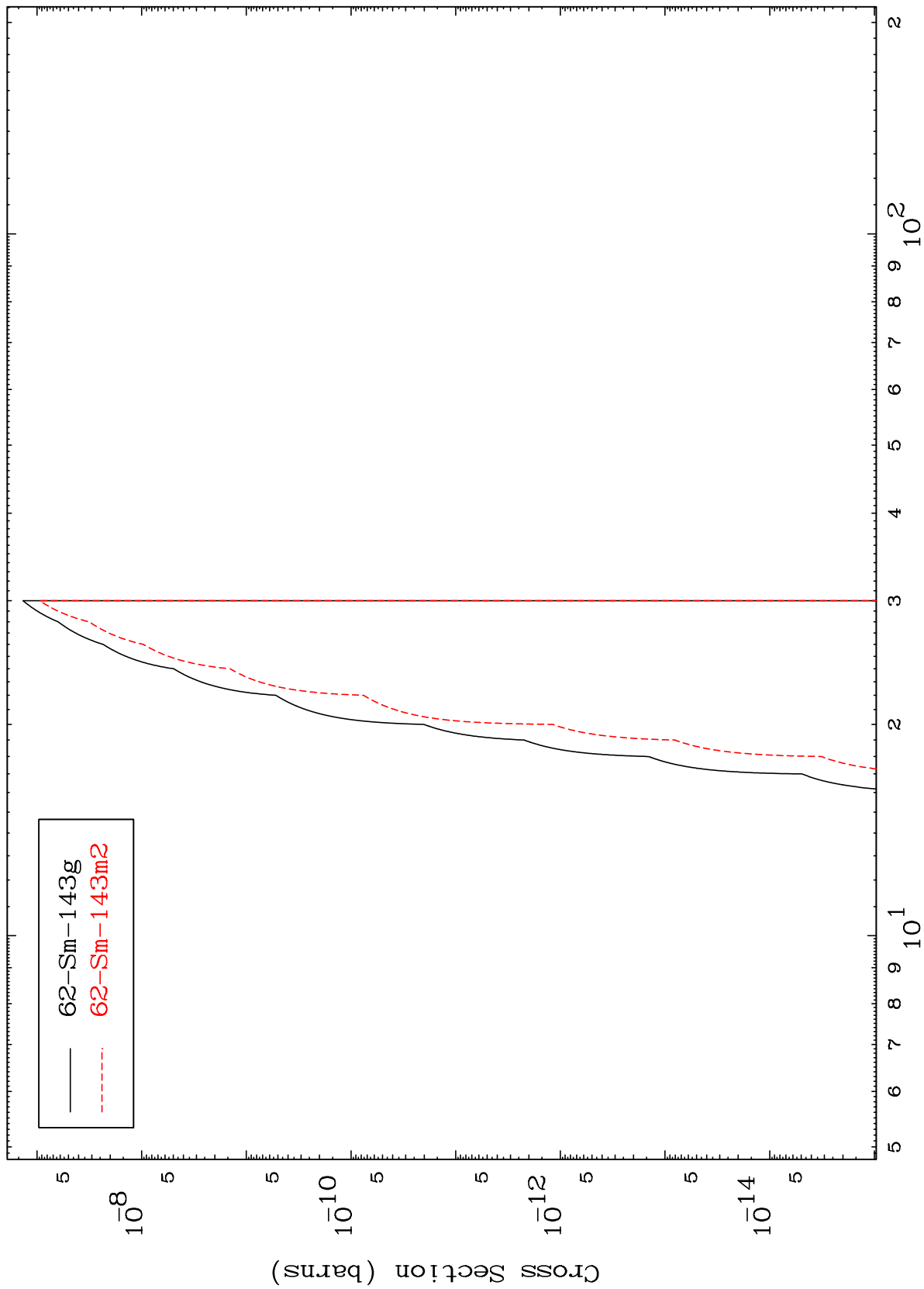


MAT 6413

(n,d) α

64-Gd-148

Radionuclide Production Cross Section



20

Incident Energy (MeV)

64-Gd-148