

Program EVALPLOT
(Version 2021-1)

by

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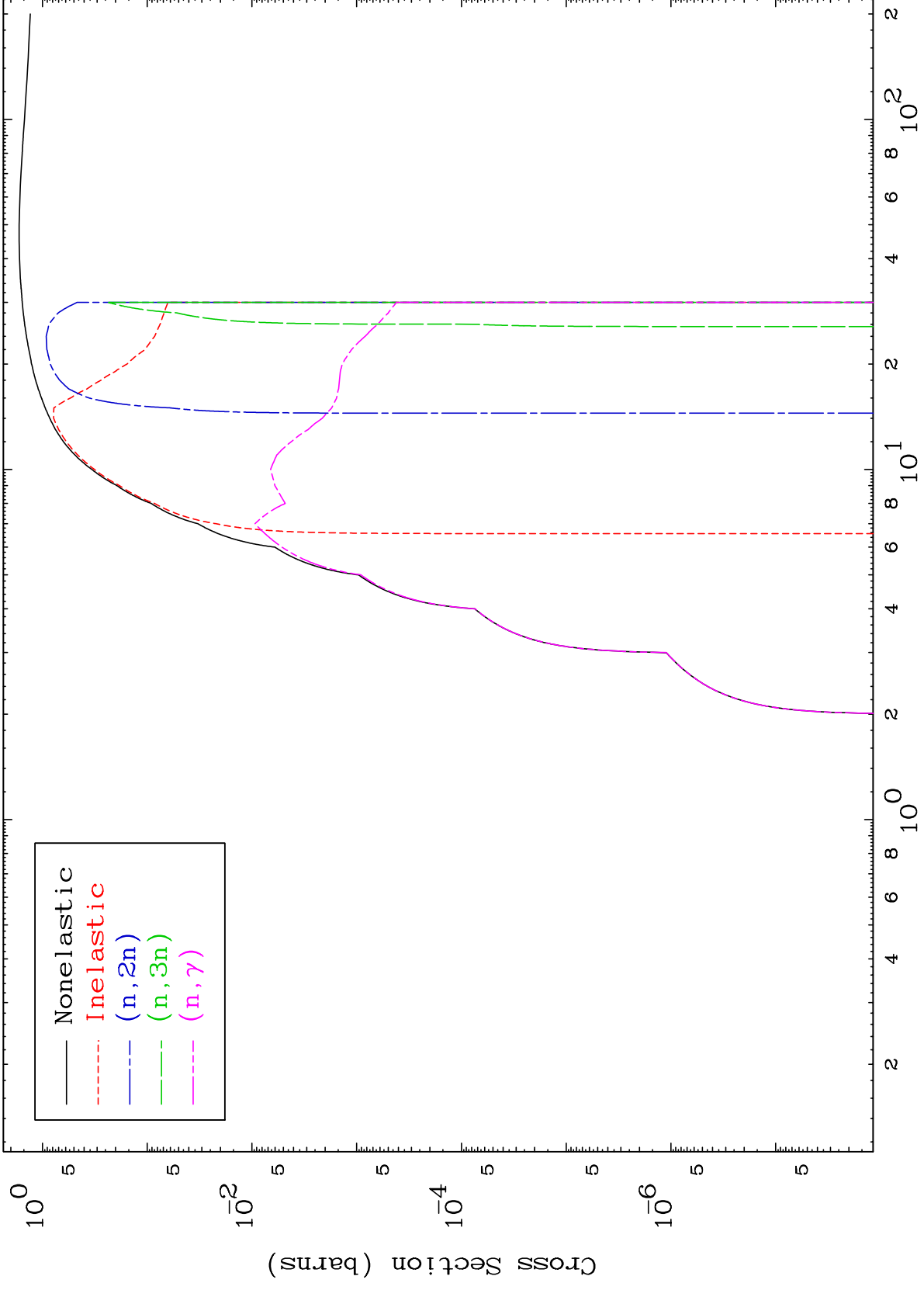
Press Mouse Button to Start

MAT 6413

Proton Major

64-Gd-148

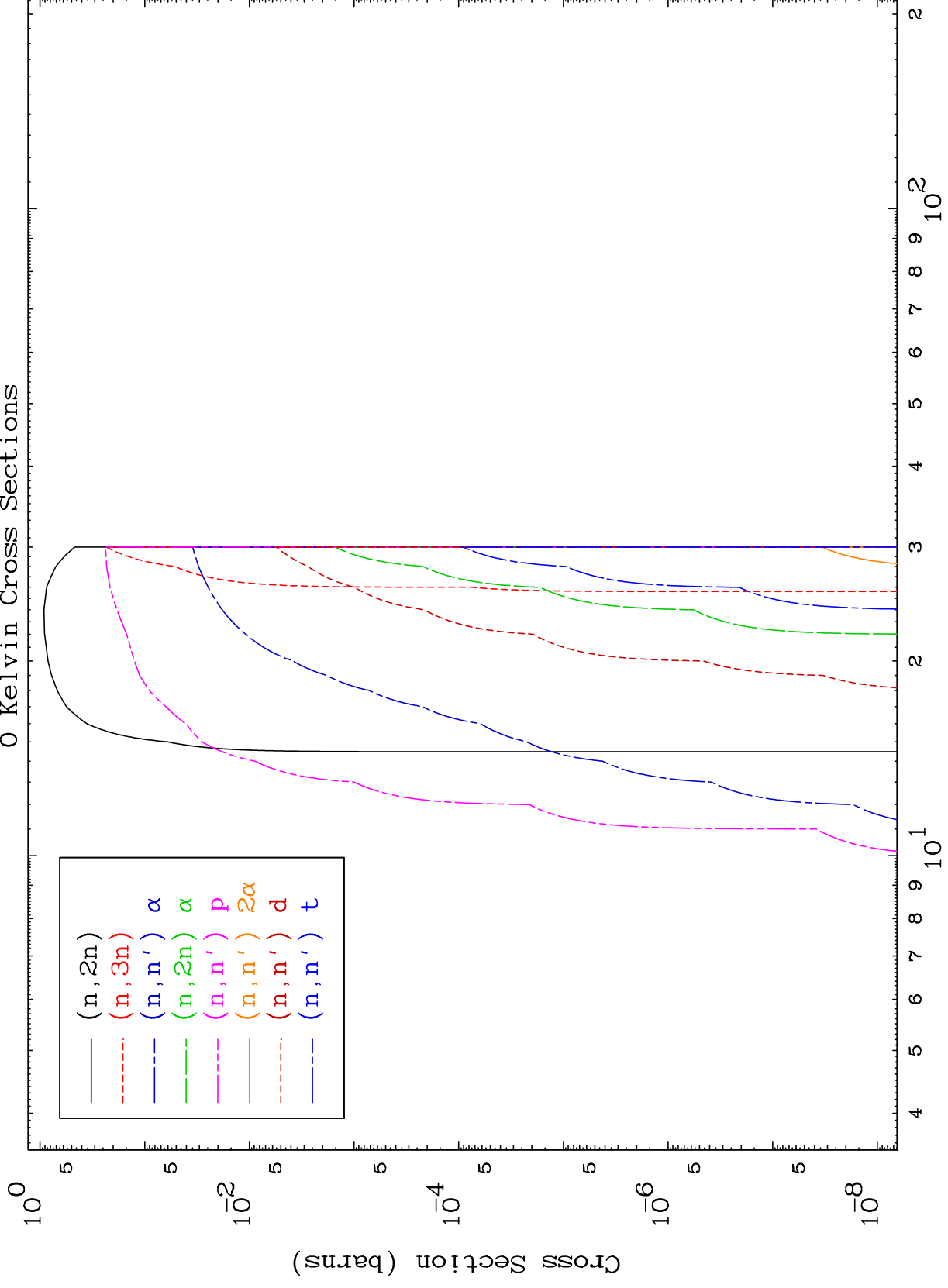
0 Kelvin Cross Sections



MAT 6413

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-148



2

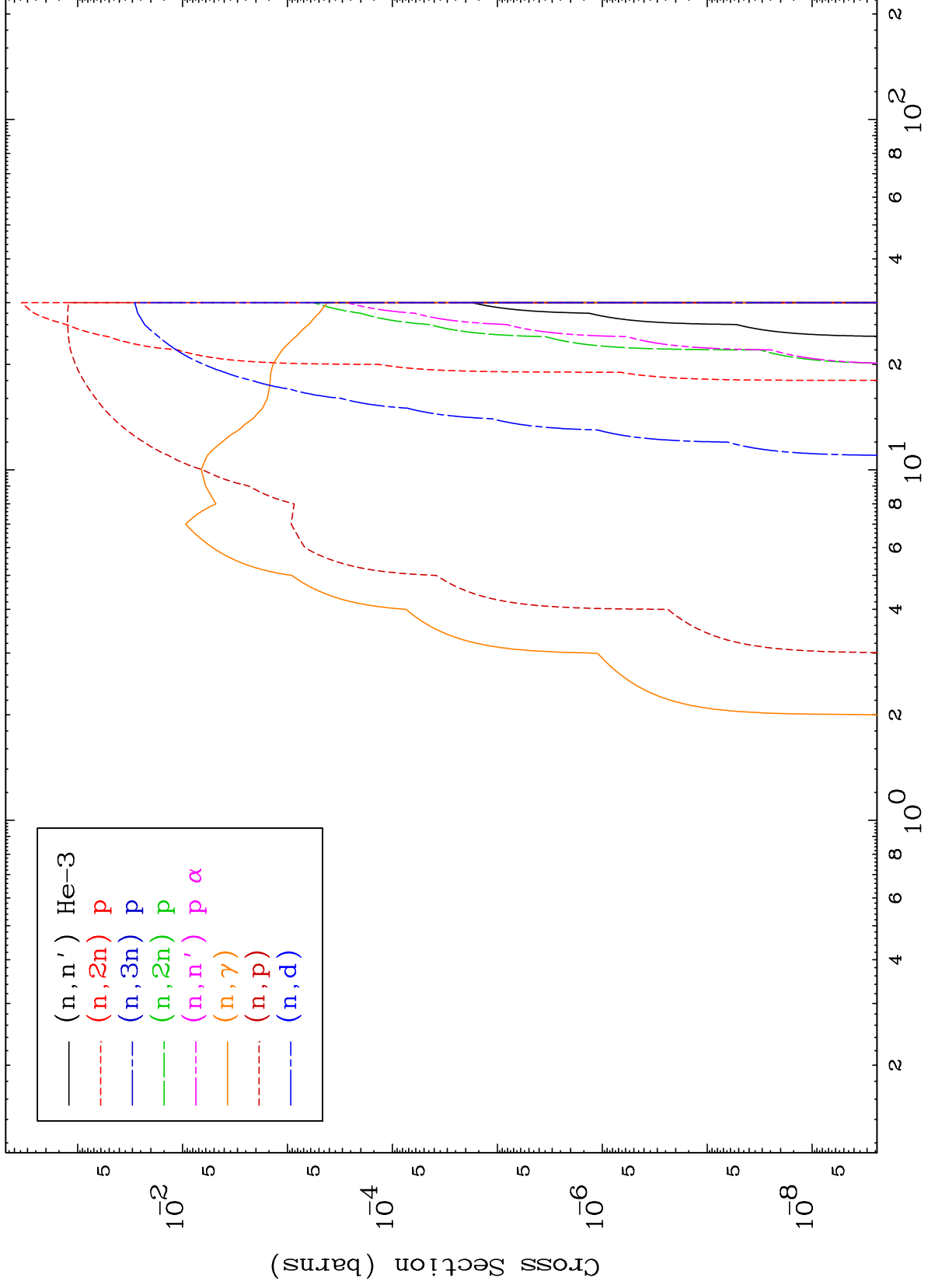
Incident Energy (MeV)

64-Gd-148

MAT 6413

Proton Neutron Absorption
0 Kelvin Cross Sections

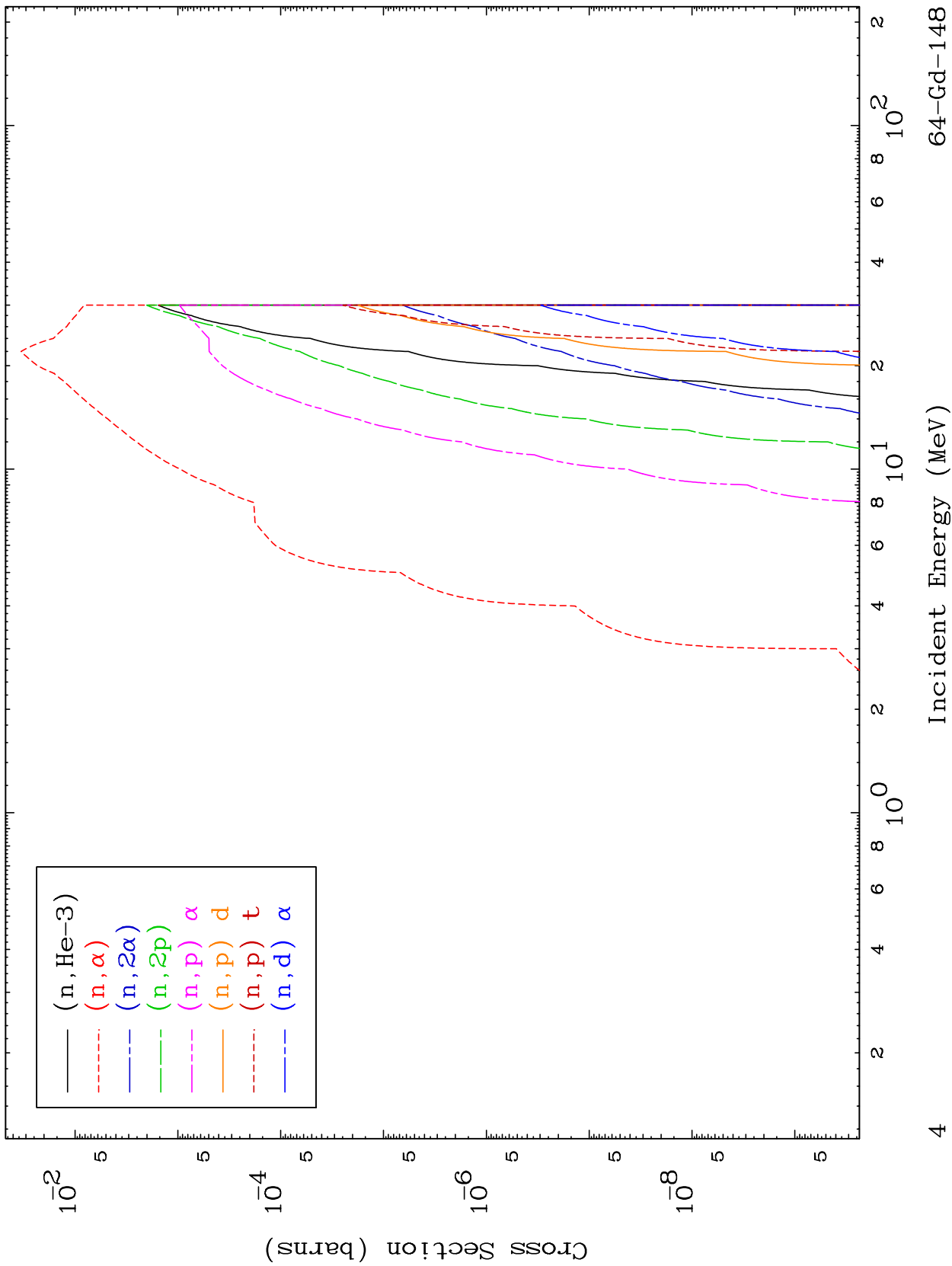
64-Gd-148



MAT 6413

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-148

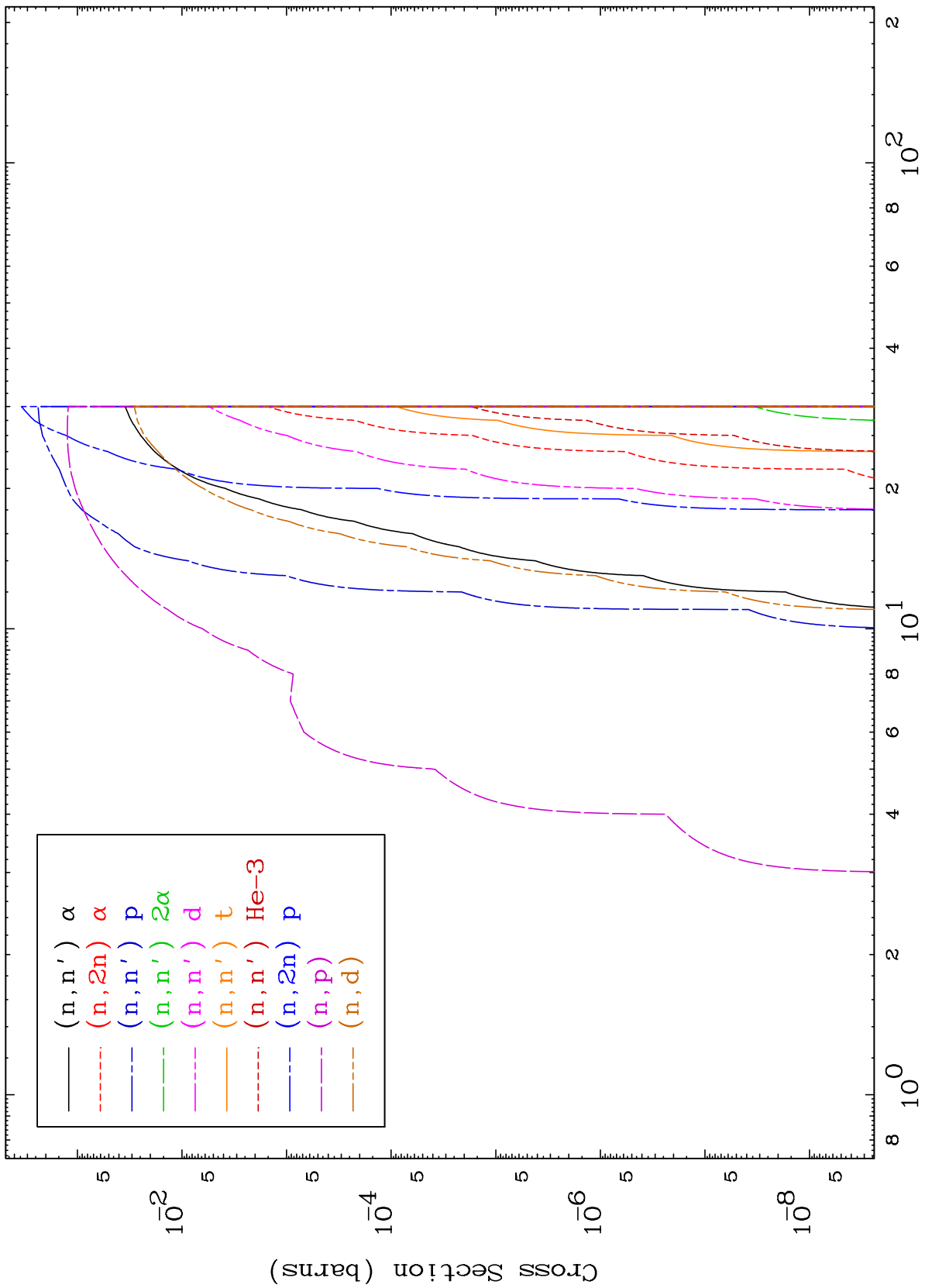


64-Gd-148

MAT 6413

Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-148



5

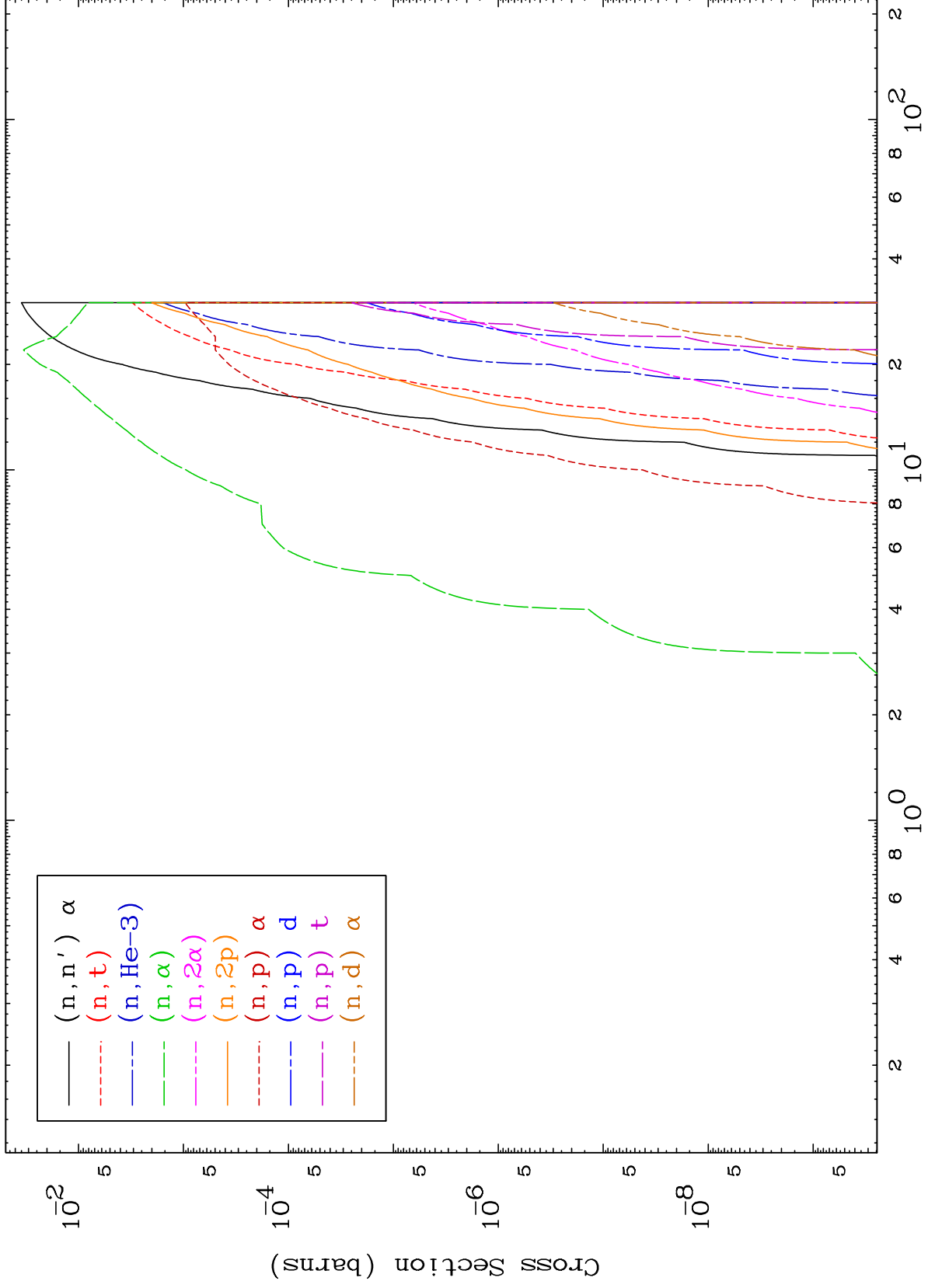
Incident Energy (MeV)

64-Gd-148

MAT 6413

Proton Charged Particle
0 Kelvin Cross Sections

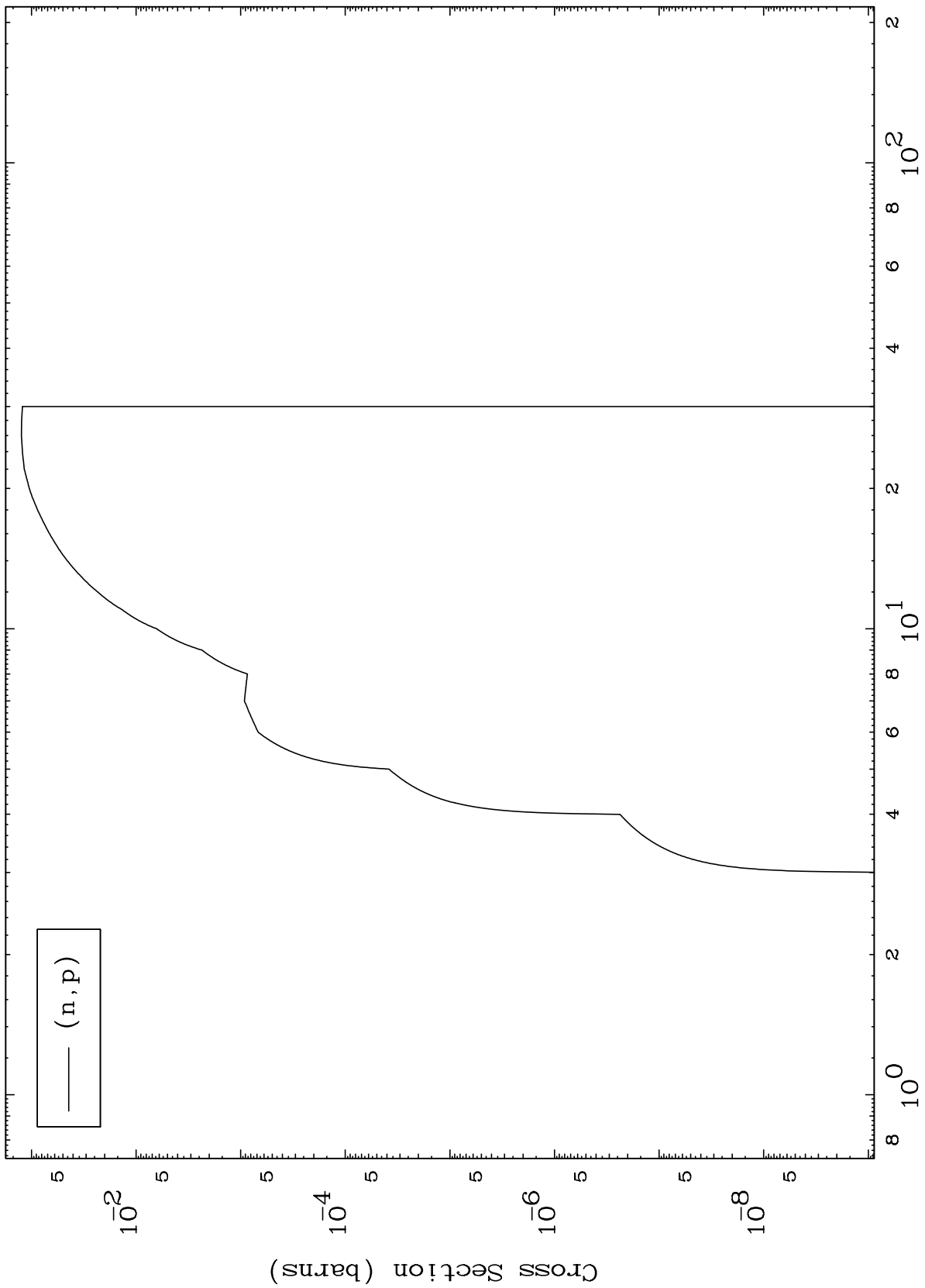
64-Gd-148



MAT 6413

64-Gd-148

(p,p) Levels
0 Kelvin Cross Sections



7

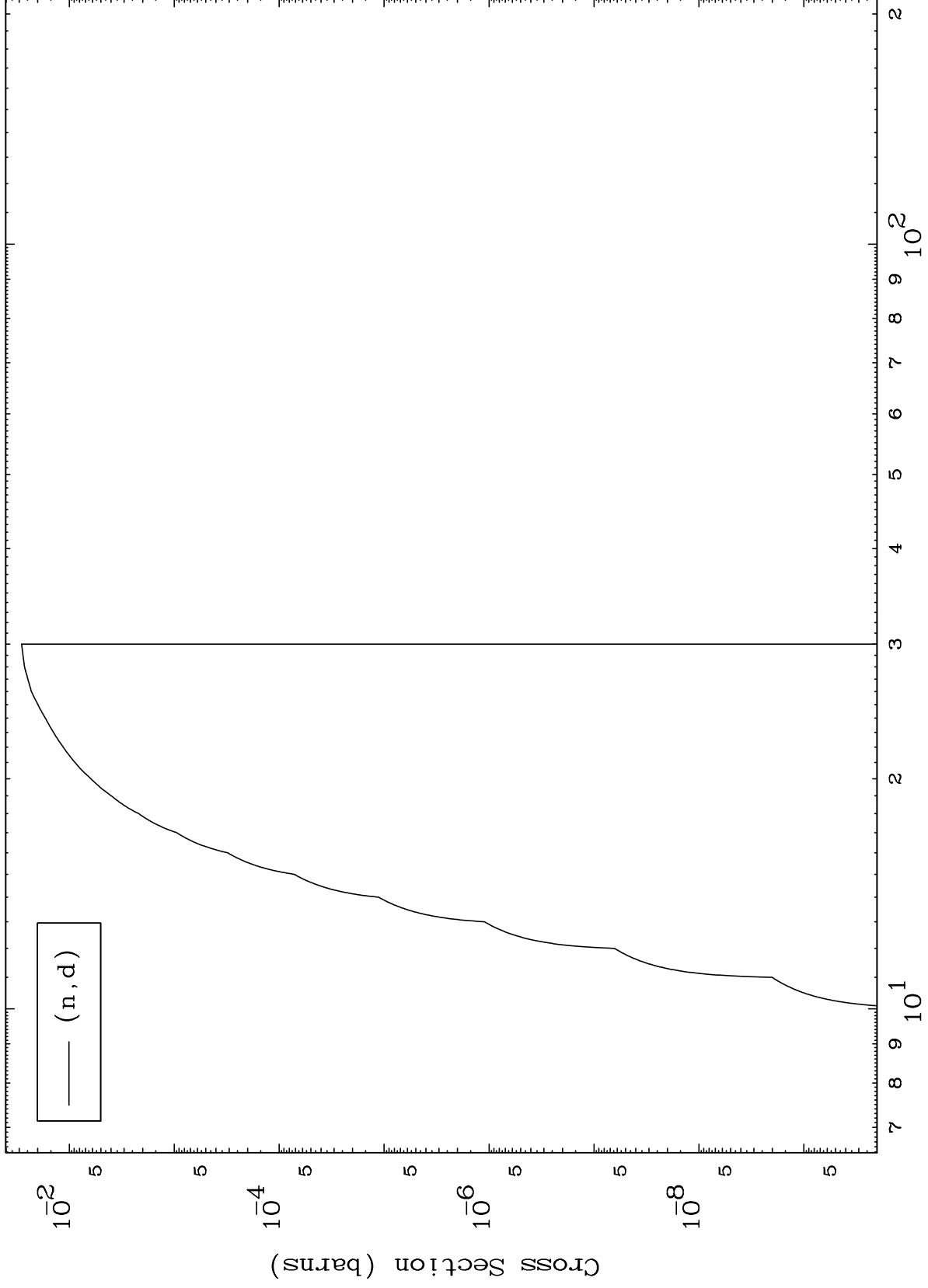
Incident Energy (MeV)

64-Gd-148

MAT 6413

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-148



8

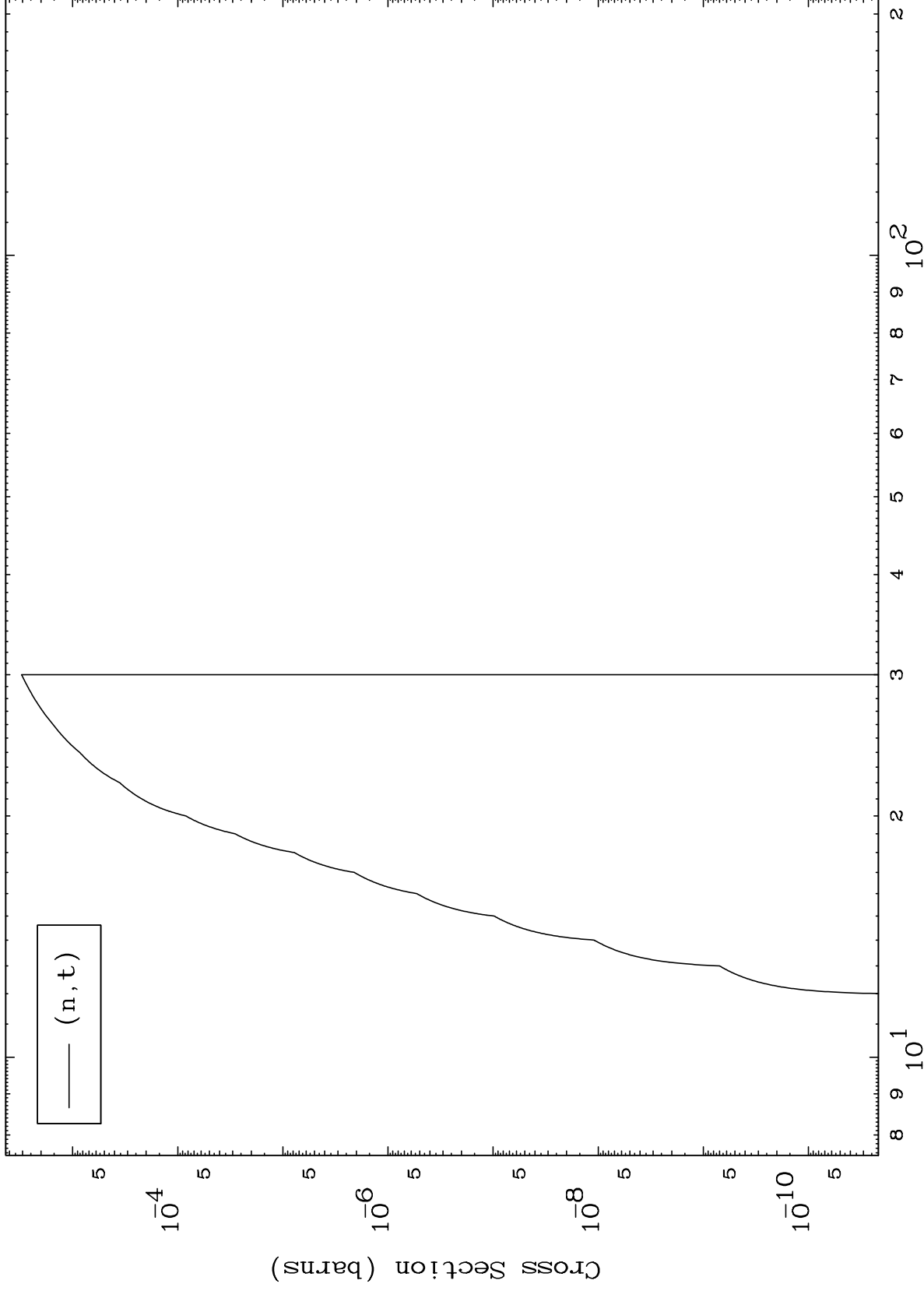
Incident Energy (MeV)

64-Gd-148

MAT 6413

(p,t) Levels
0 Kelvin Cross Sections

64-Gd-148



9

Incident Energy (MeV)

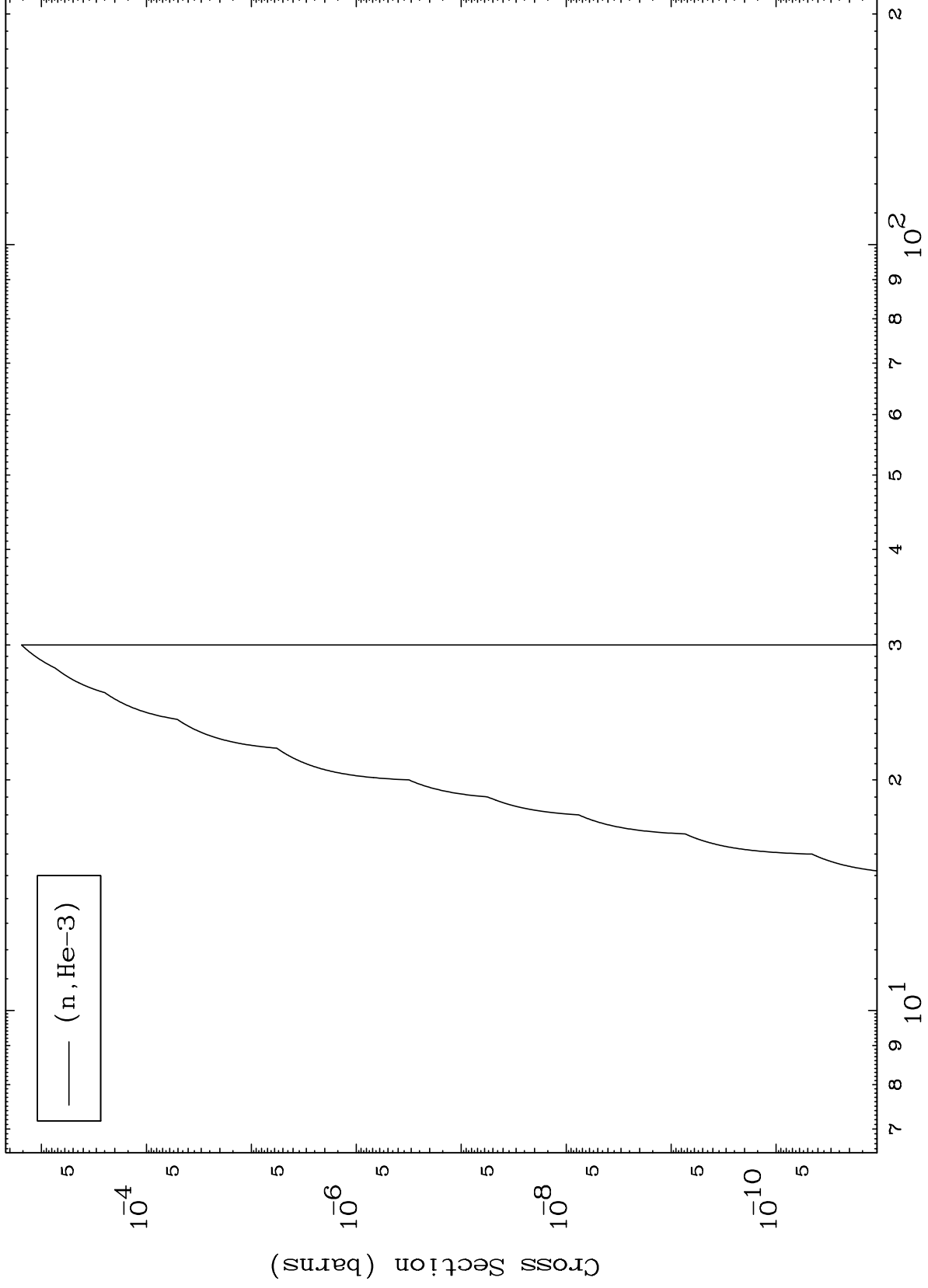
64-Gd-148

MAT 6413

(p,He3) Levels

64-Gd-148

0 Kelvin Cross Sections



10

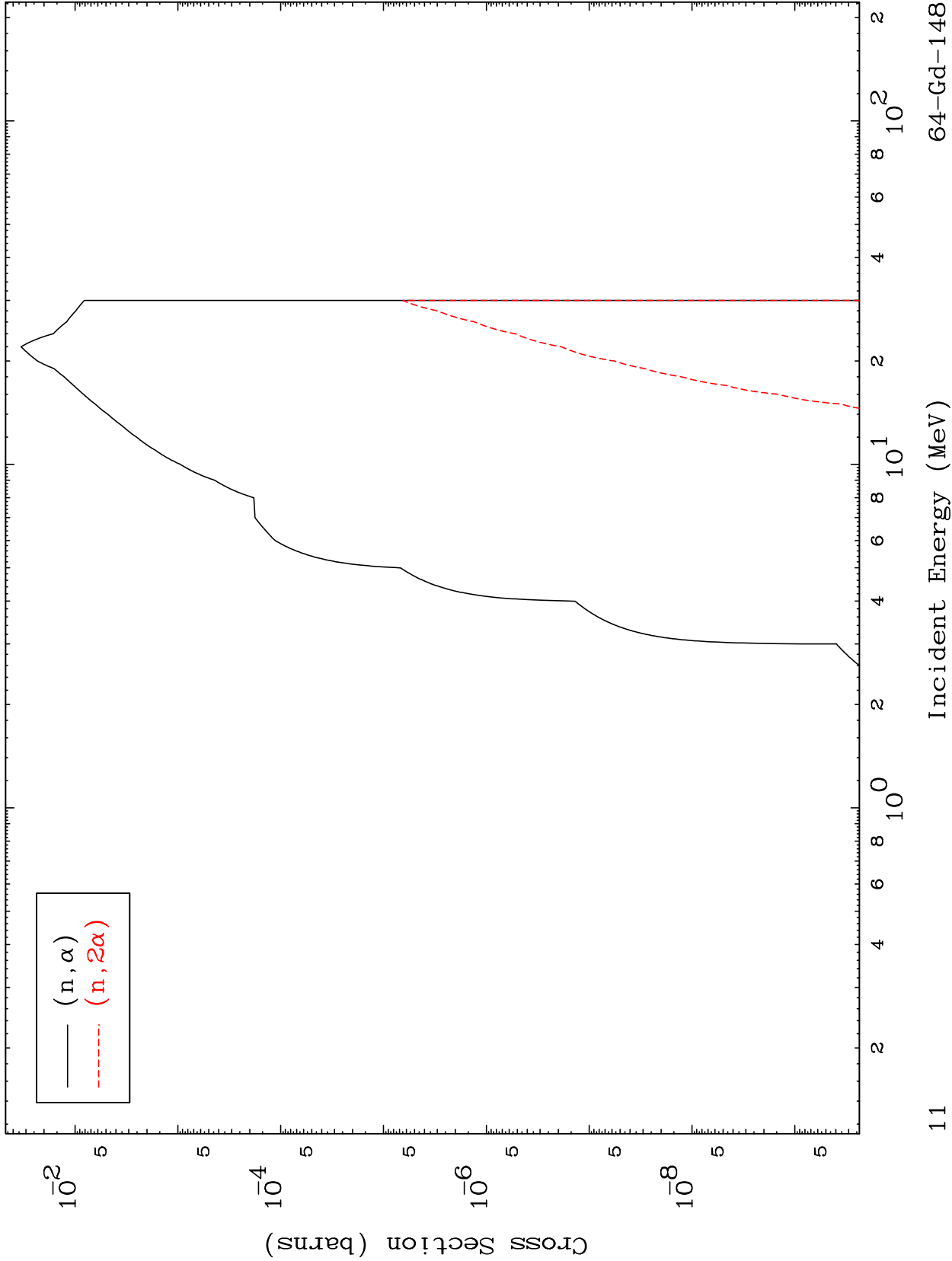
Incident Energy (MeV)

64-Gd-148

MAT 6413

(p, α) Levels
0 Kelvin Cross Sections

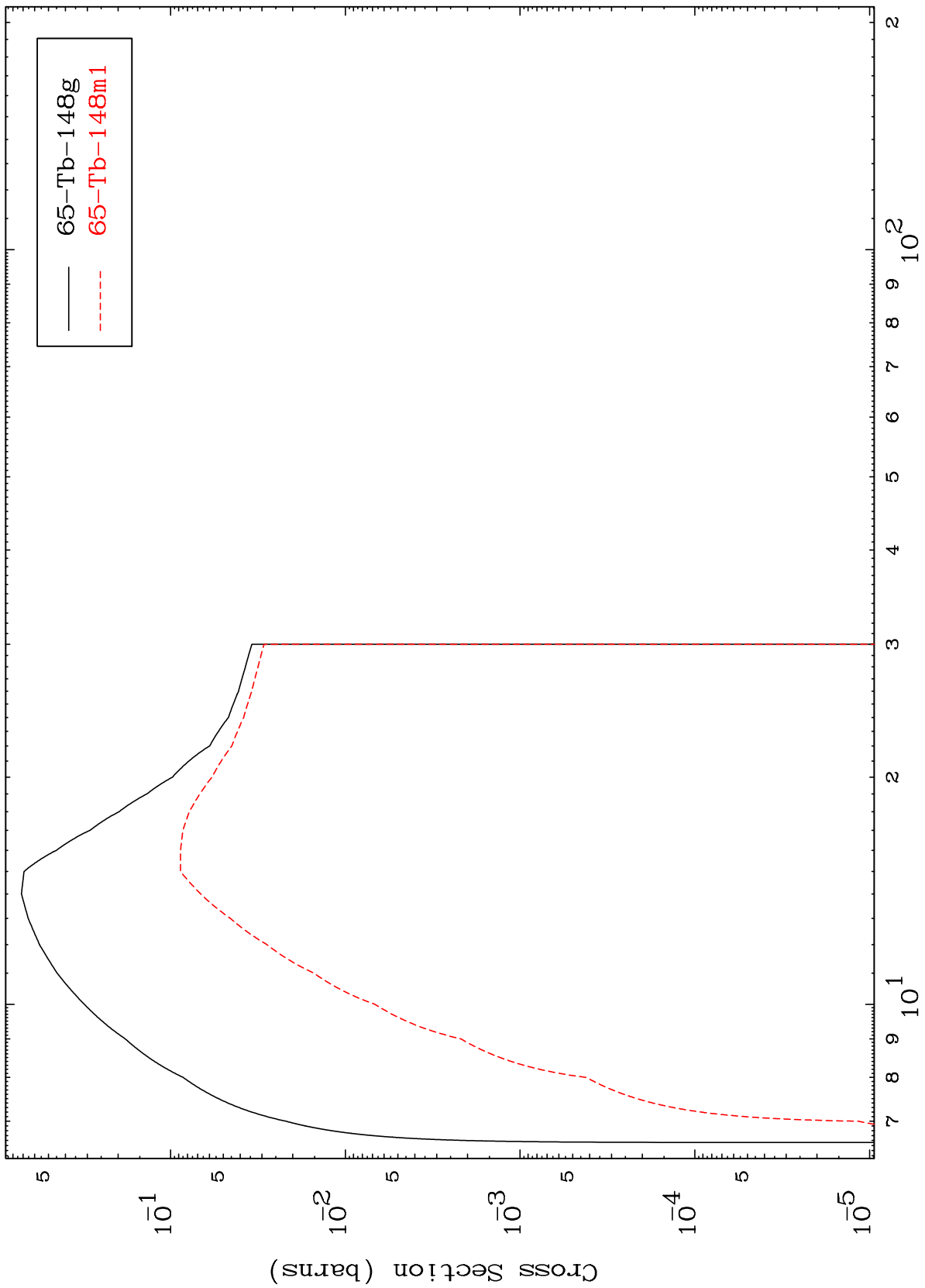
64-Gd-148



MAT 6413

64-Gd-148

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

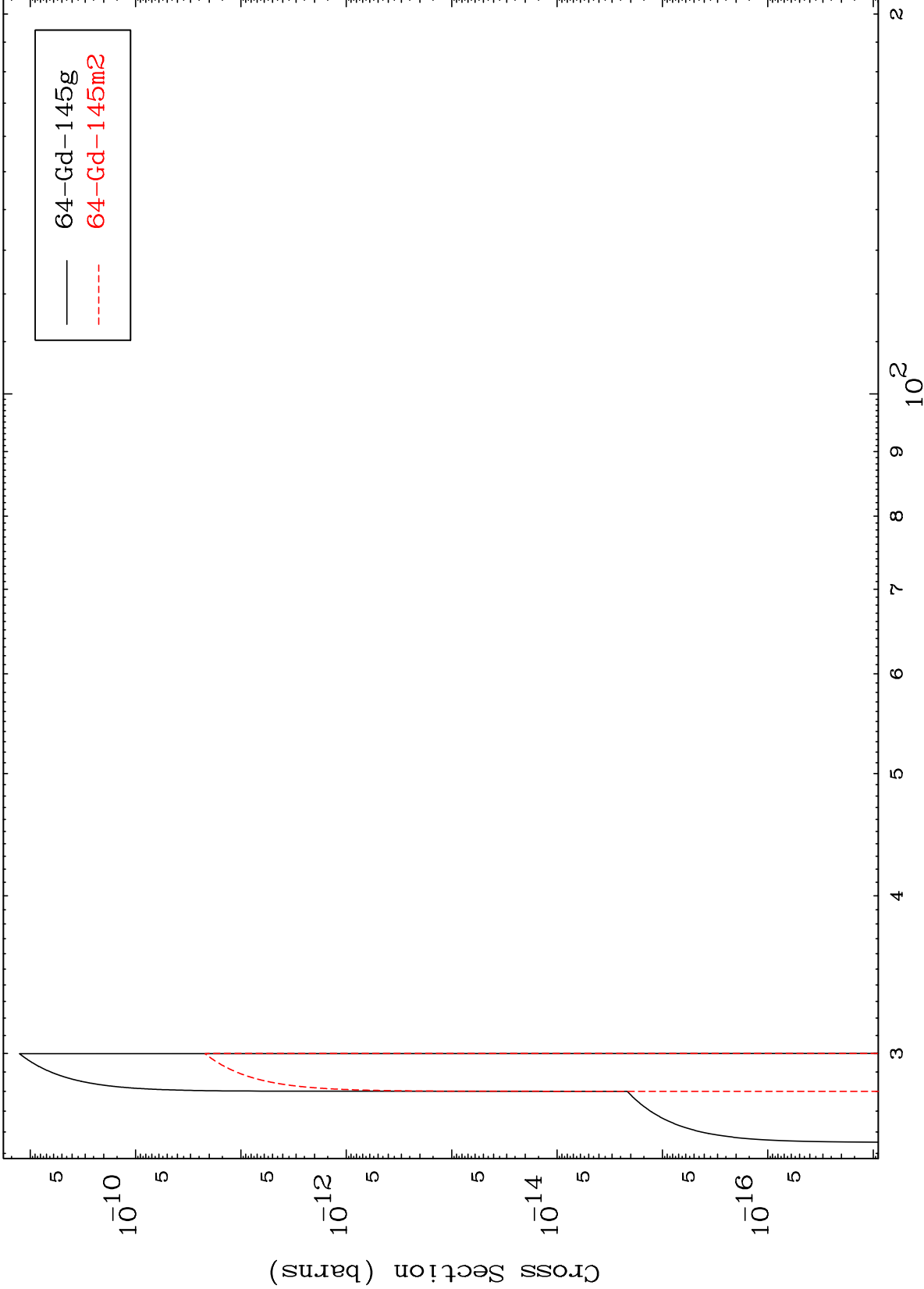
64-Gd-148

MAT 6413

(n,2n) d

64-Gd-148

Radionuclide Production Cross Section



13

Incident Energy (MeV)

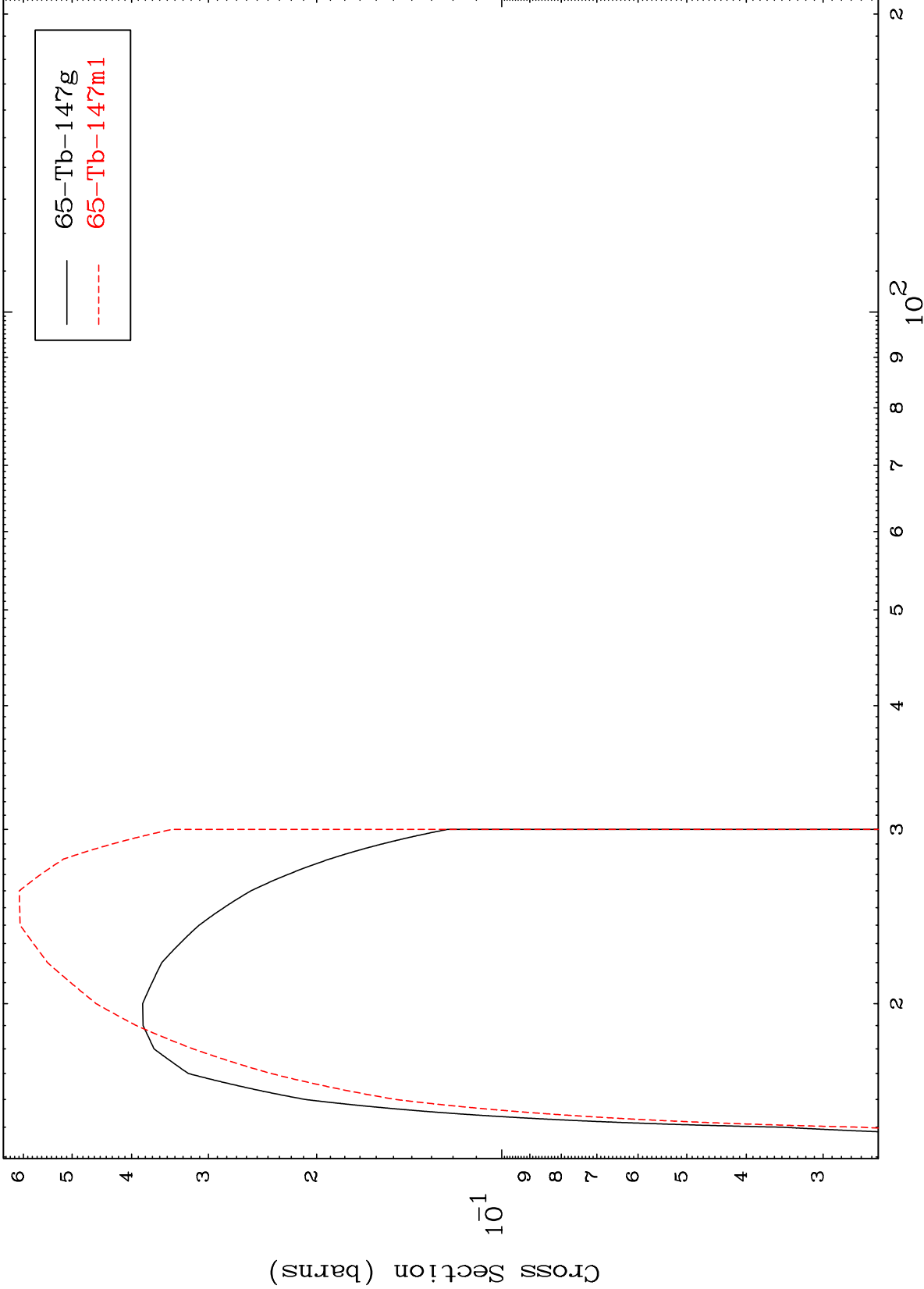
64-Gd-148

MAT 6413

(n,2n)

64-Gd-148

Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

14

Incident Energy (MeV)

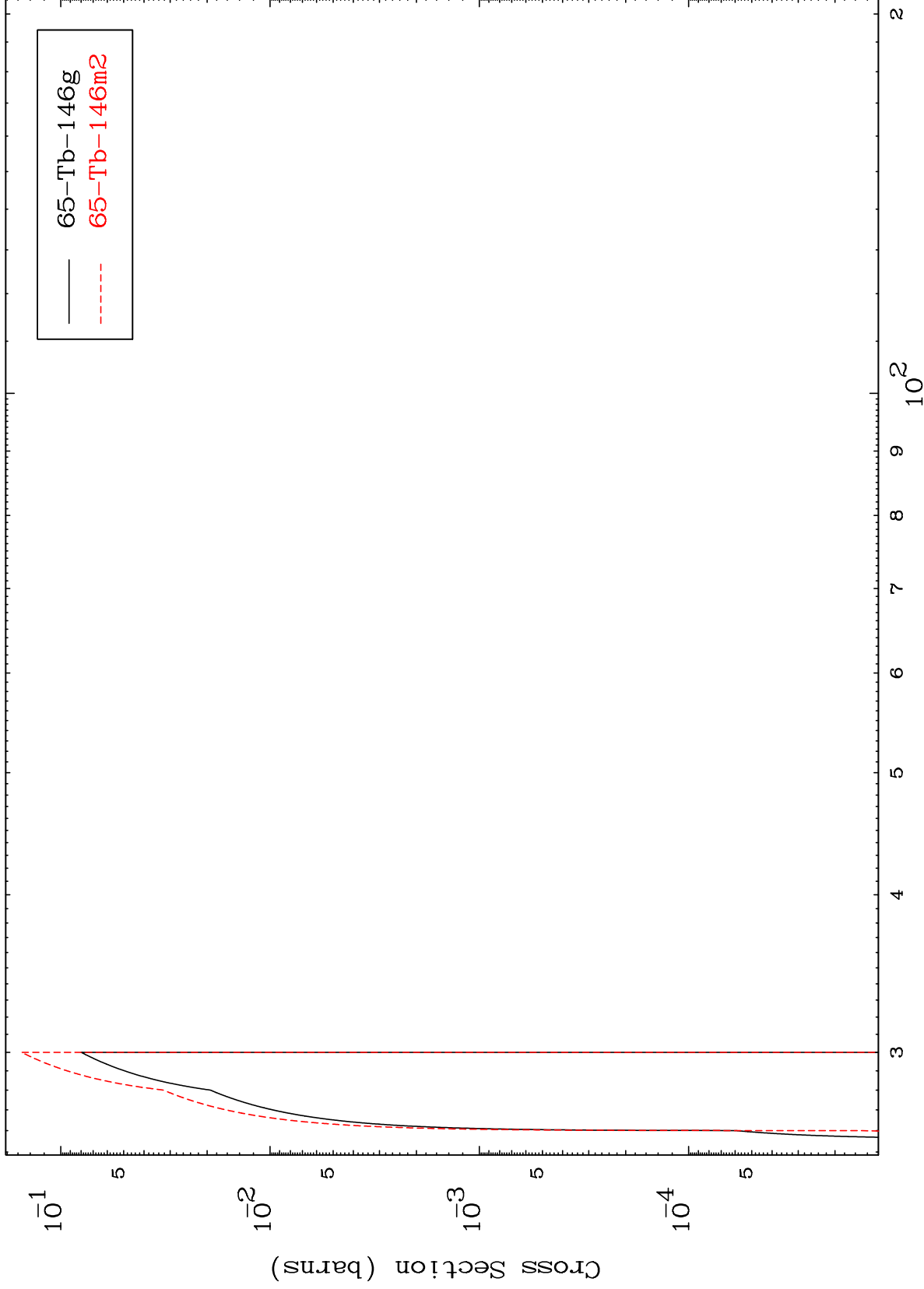
64-Gd-148

MAT 6413

(n,3n)

64-Gd-148

Radionuclide Production Cross Section



15

Incident Energy (MeV)

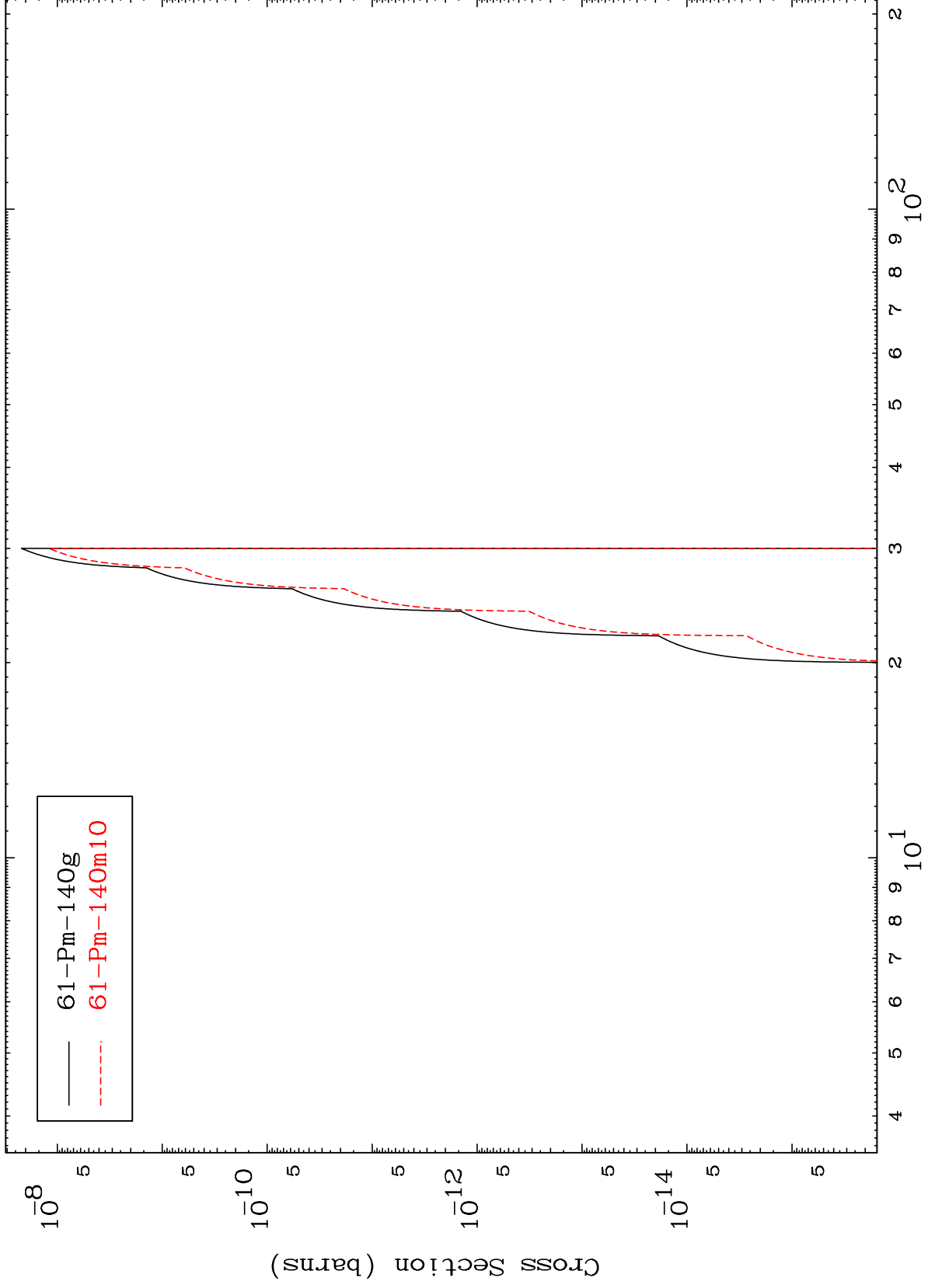
64-Gd-148

MAT 6413

(n,n') 2α

64-Gd-148

Radionuclide Production Cross Section



16

Incident Energy (MeV)

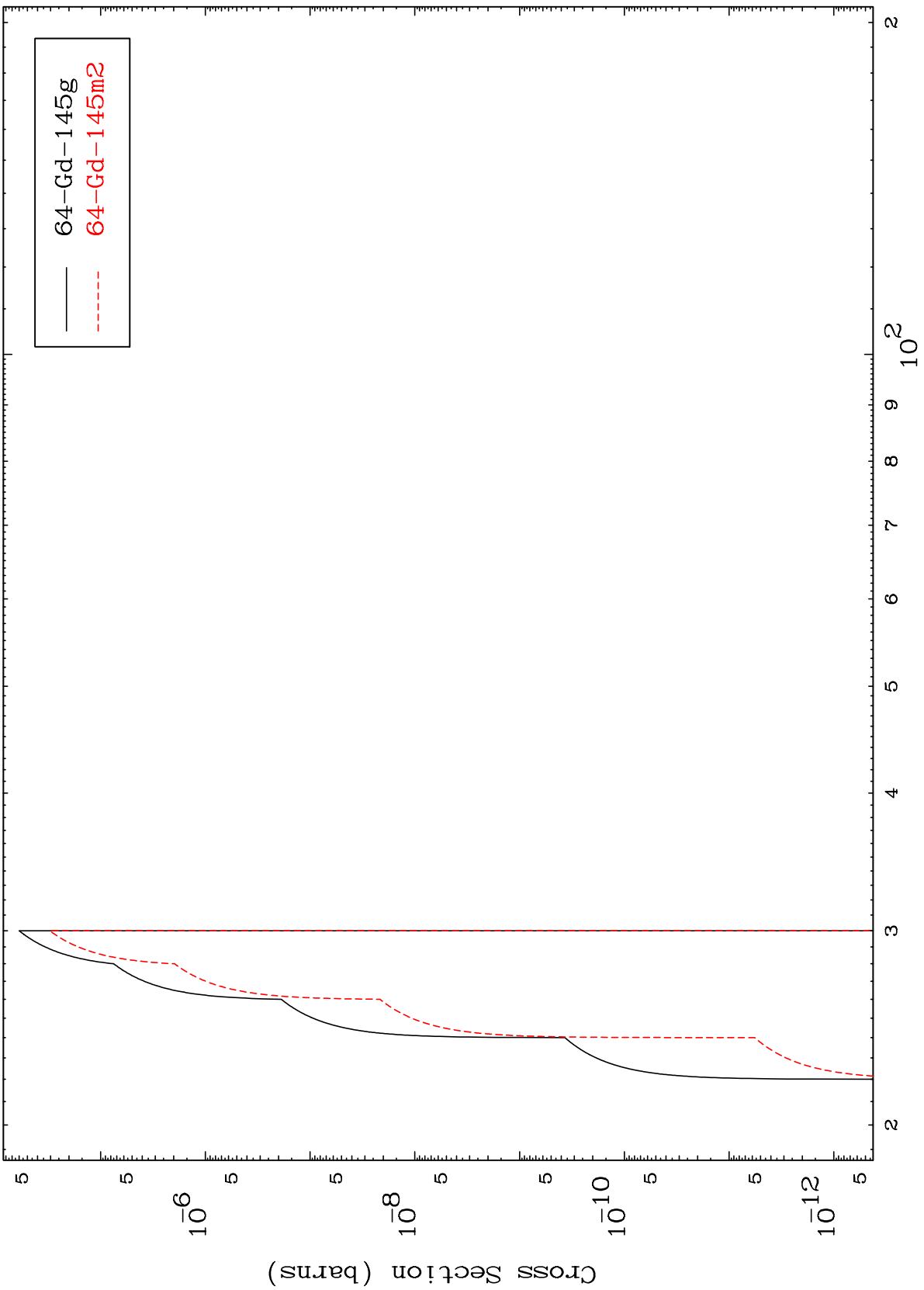
64-Gd-148

MAT 6413

(n,n') t

64-Gd-148

Radionuclide Production Cross Section



17

Incident Energy (MeV)

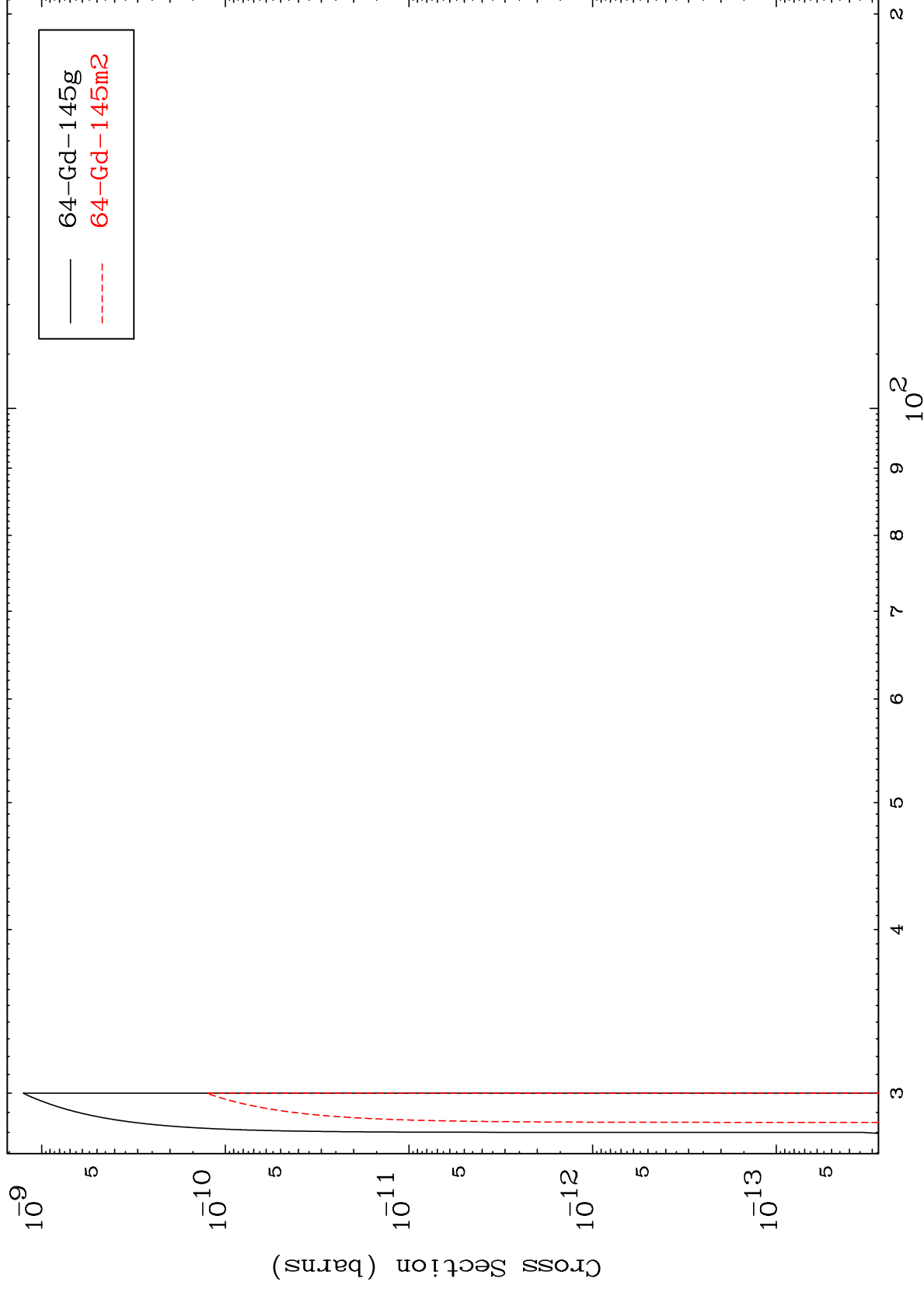
64-Gd-148

MAT 6413

(n,3n) p

64-Gd-148

Radionuclide Production Cross Section



18

Incident Energy (MeV)

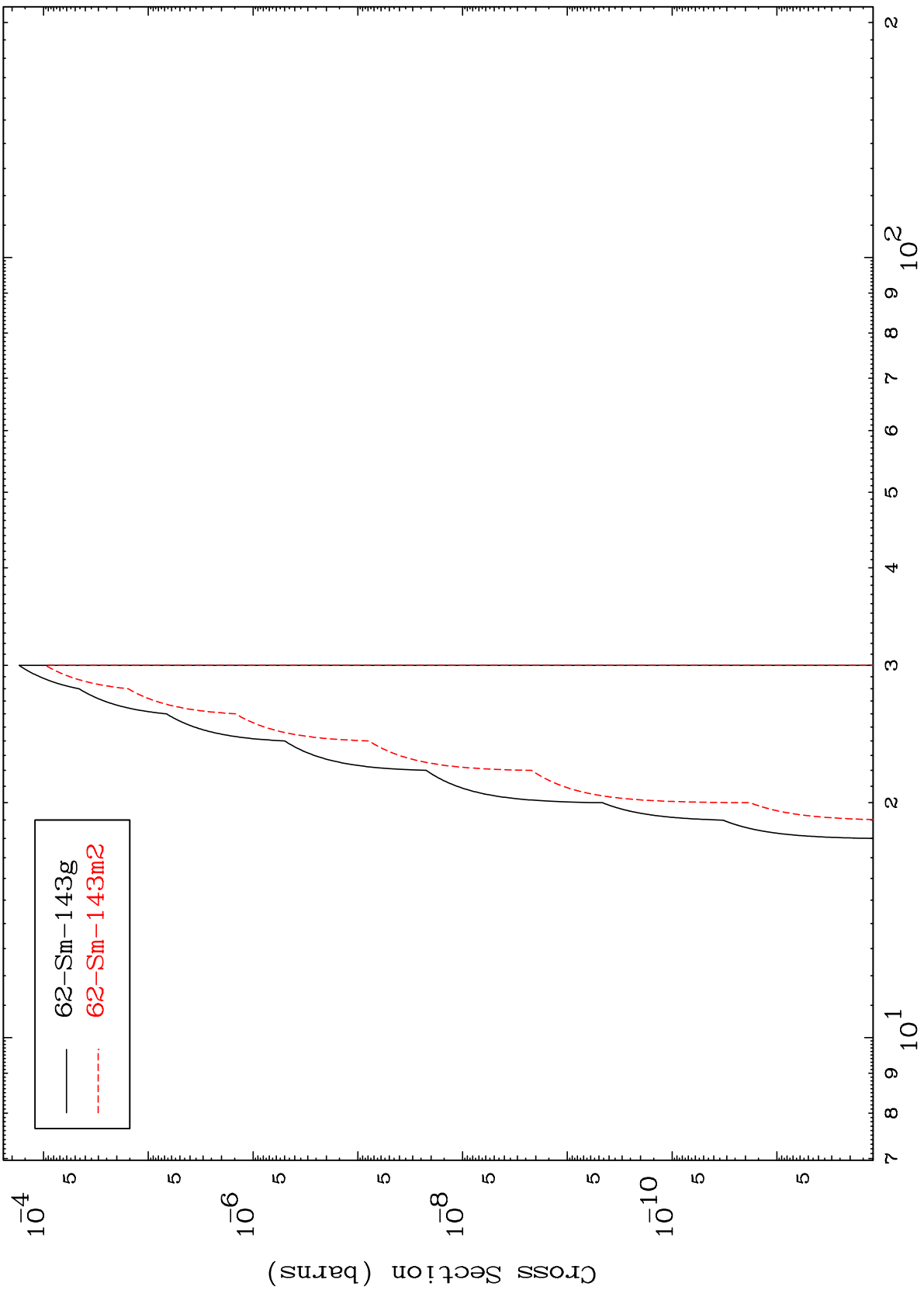
64-Gd-148

MAT 6413

(n,n') p α

64-Gd-148

Radionuclide Production Cross Section



19

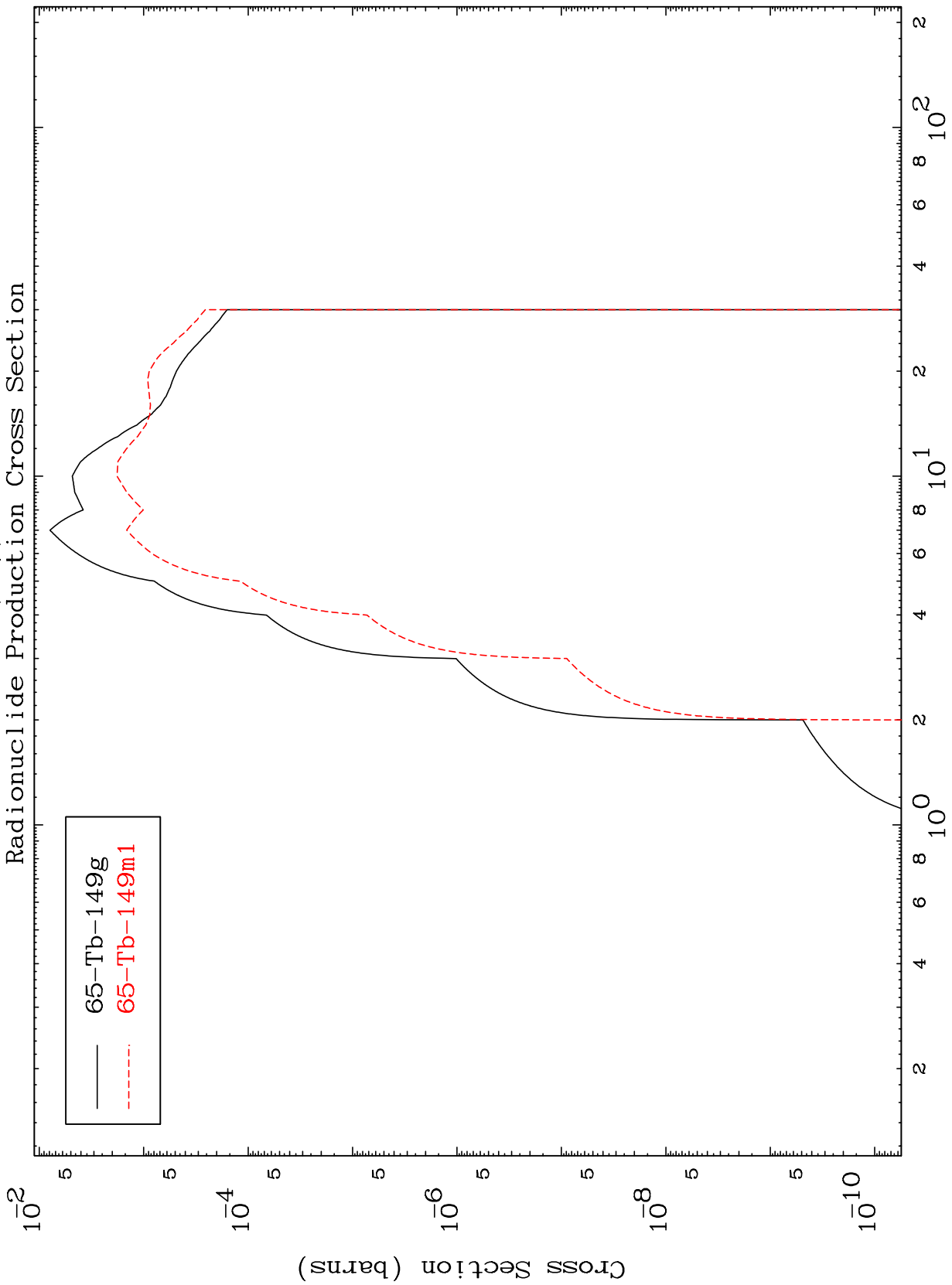
Incident Energy (MeV)

64-Gd-148

MAT 6413

64-Gd-148

(n, γ)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

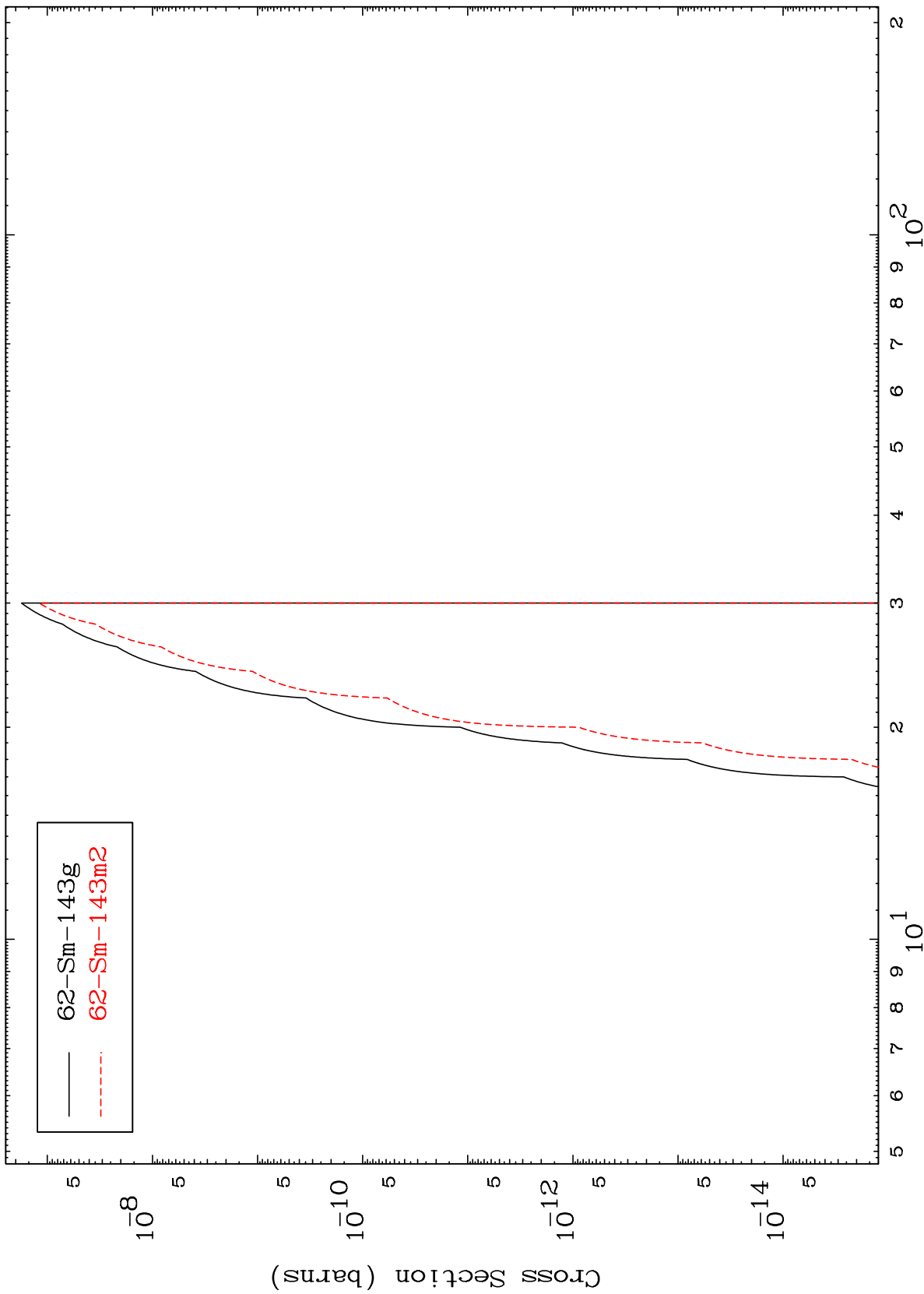
64-Gd-148

MAT 6413

(n,d) α

64-Gd-148

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2