

Program EVALPLOT
(Version 2018-1)

by

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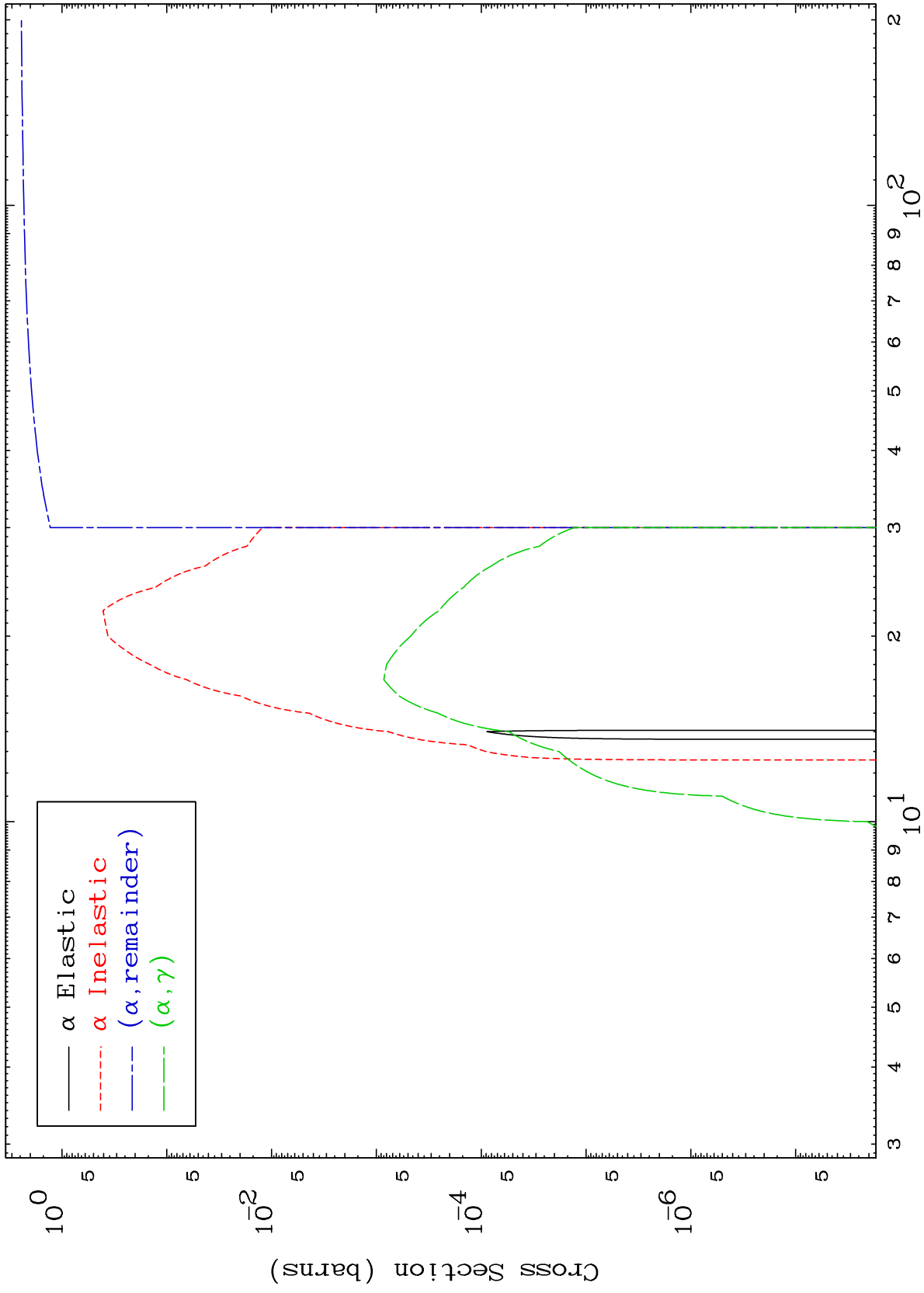
Press Mouse Button to Start

MAT 6419

α Major

64-Gd-150

0 Kelvin Cross Sections



1

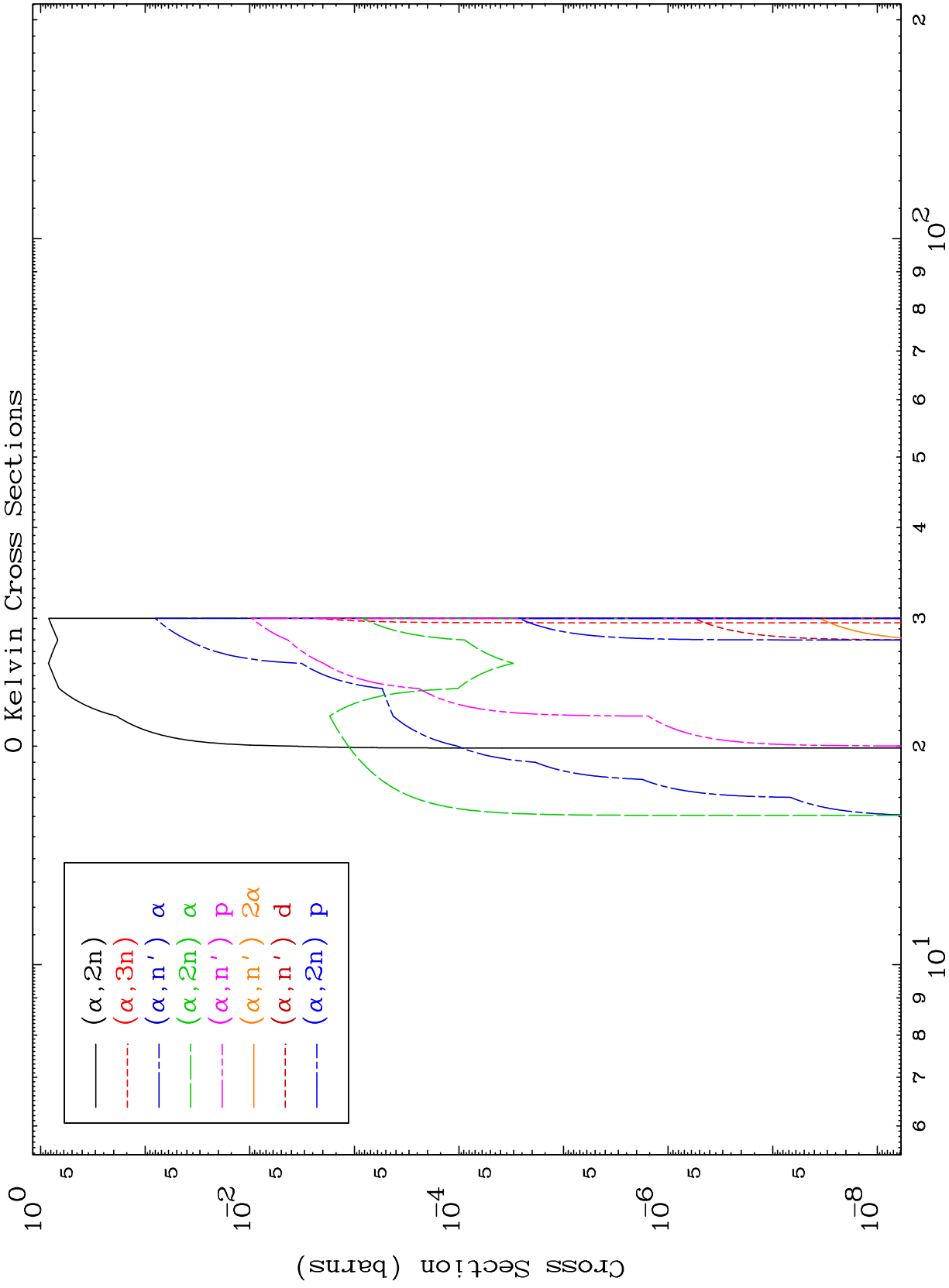
Incident Energy (MeV)

64-Gd-150

MAT 6419

α Neutron Production
0 Kelvin Cross Sections

64-Gd-150



2

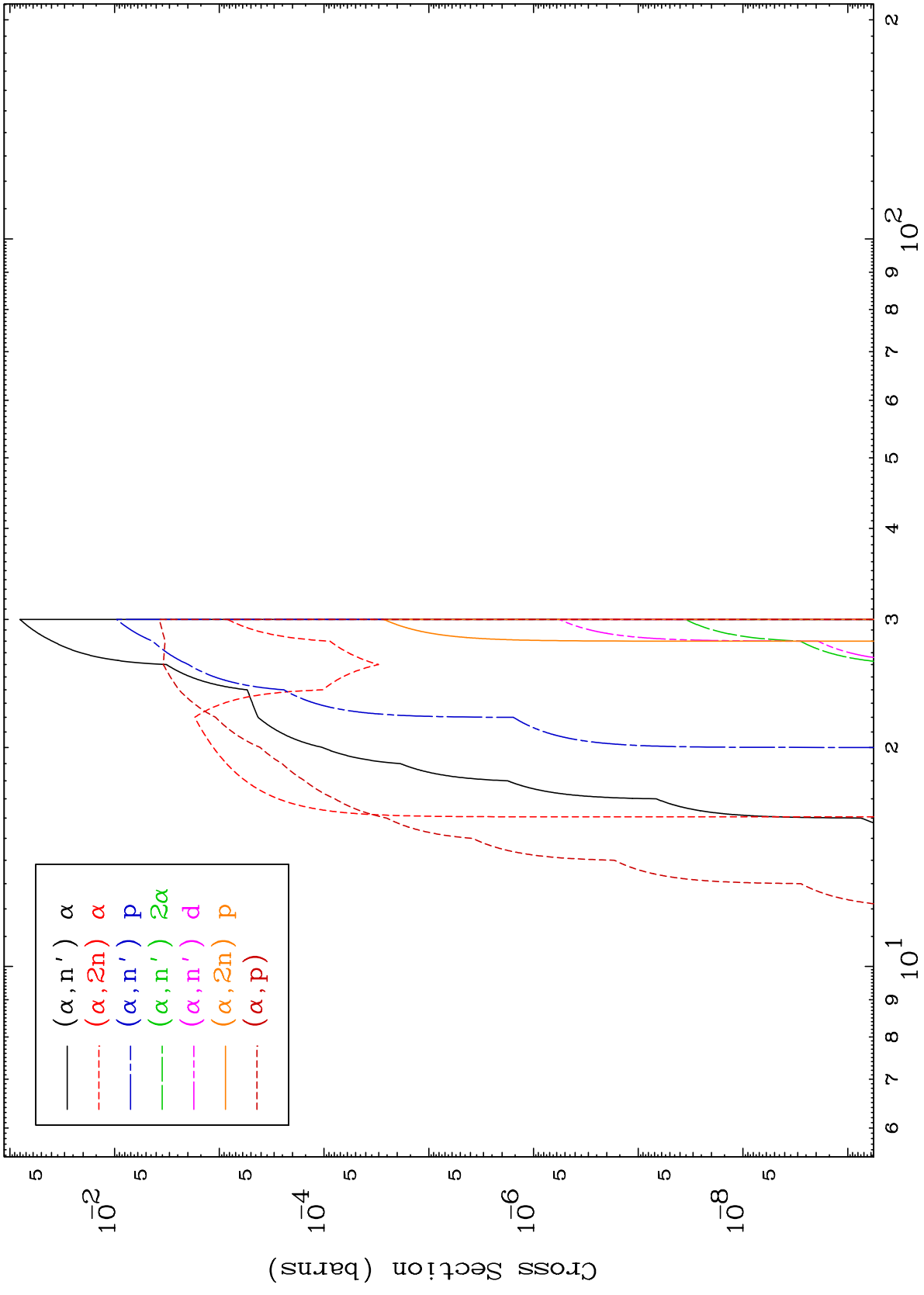
Incident Energy (MeV)

64-Gd-150

MAT 6419

α Charged Particle
0 Kelvin Cross Sections

64-Gd-150



3

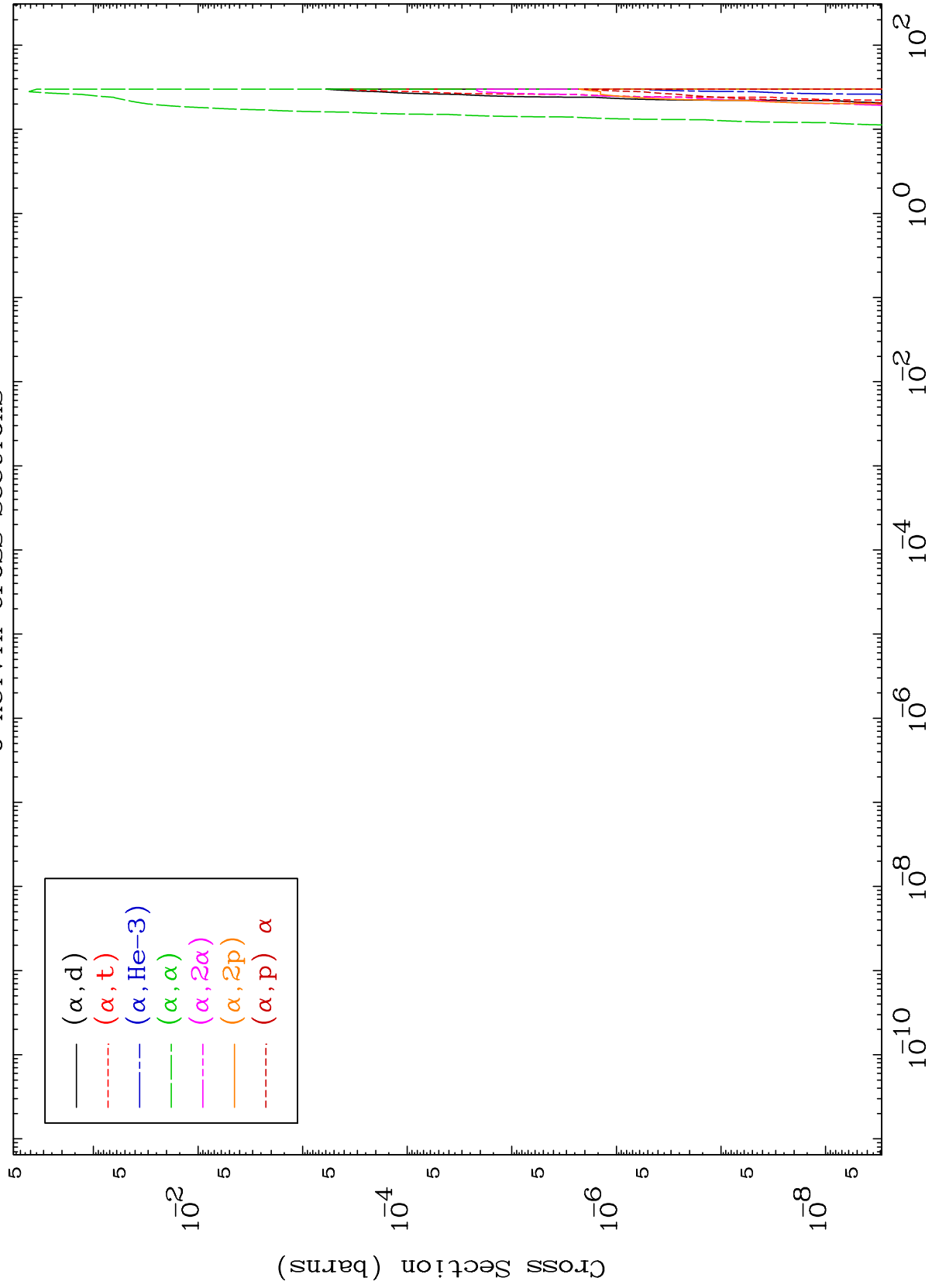
Incident Energy (MeV)

64-Gd-150

MAT 6419

α Charged Particle
0 Kelvin Cross Sections

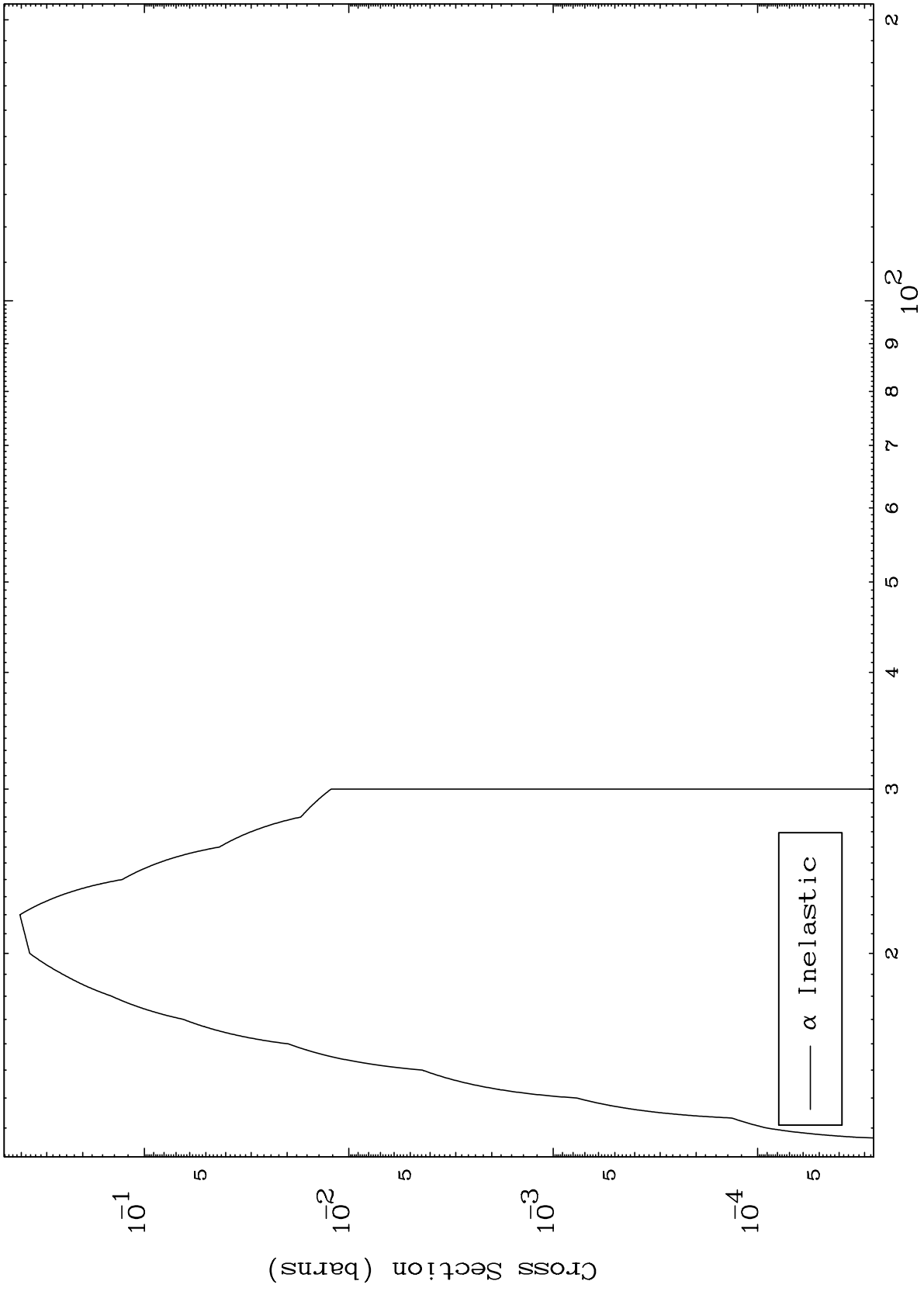
64-Gd-150



MAT 6419

(α, n') Level
0 Kelvin Cross Sections

64-Gd-150



5

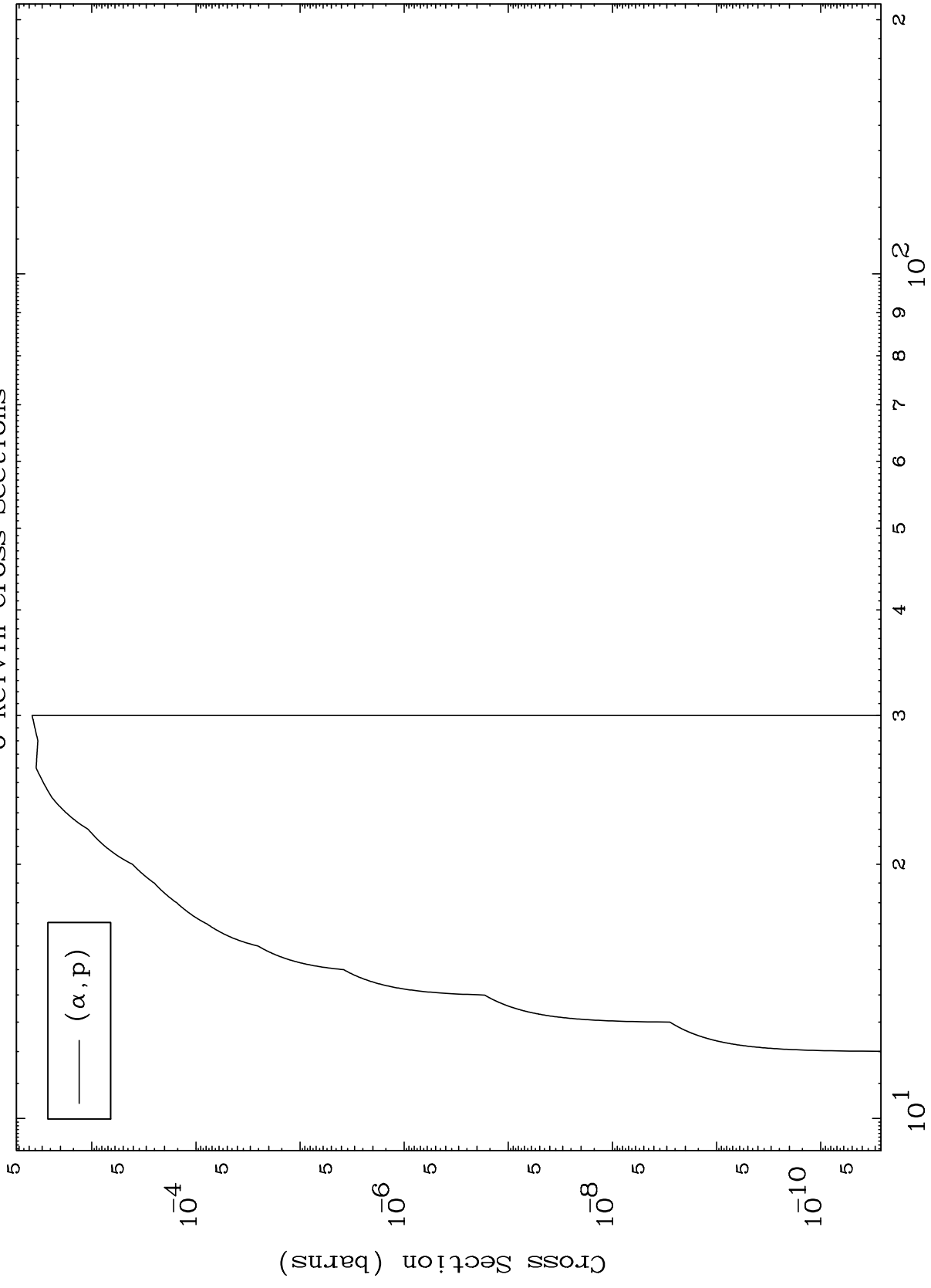
Incident Energy (MeV)

64-Gd-150

MAT 6419

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-150



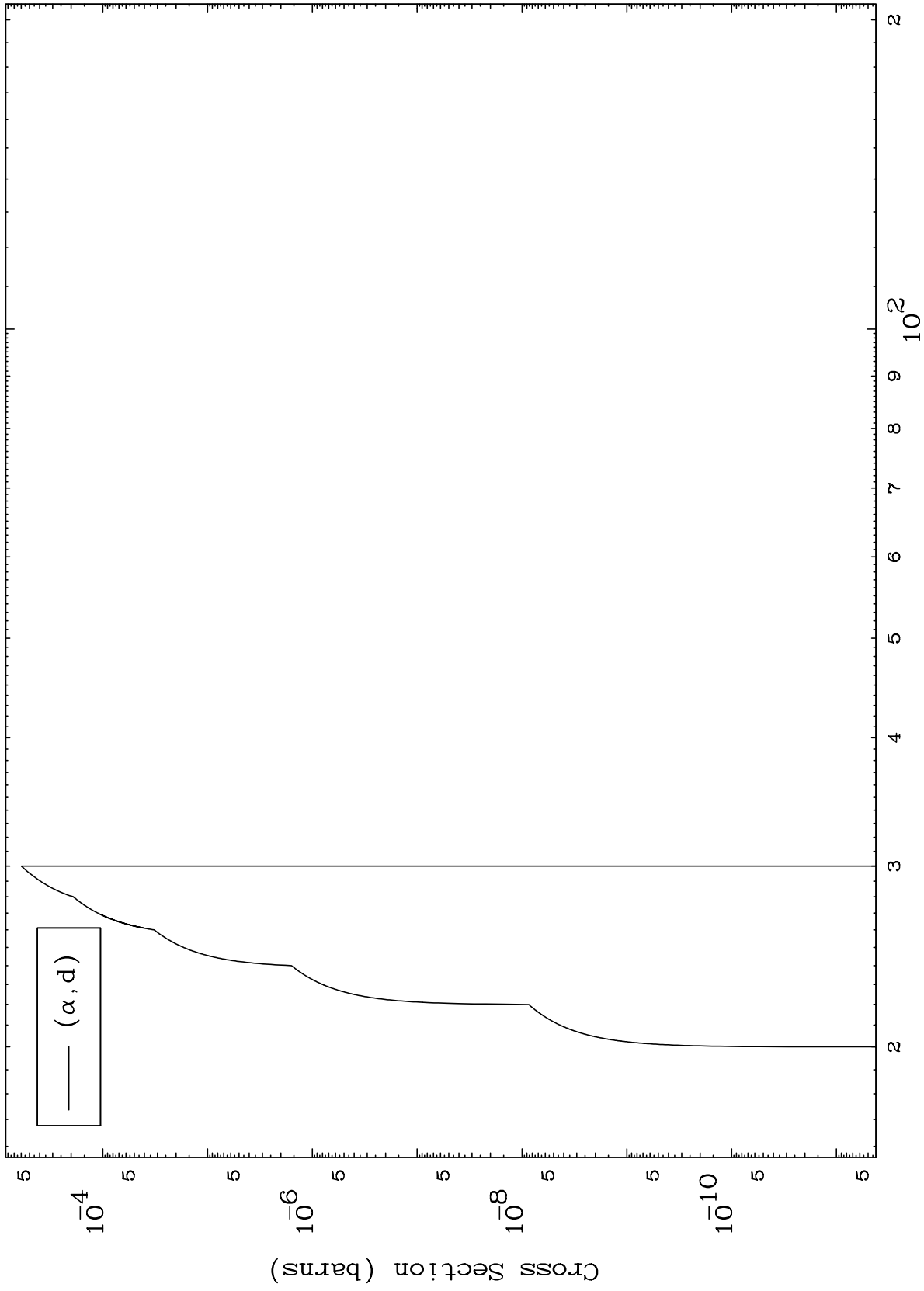
Incident Energy (MeV)

64-Gd-150

MAT 6419

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-150



7

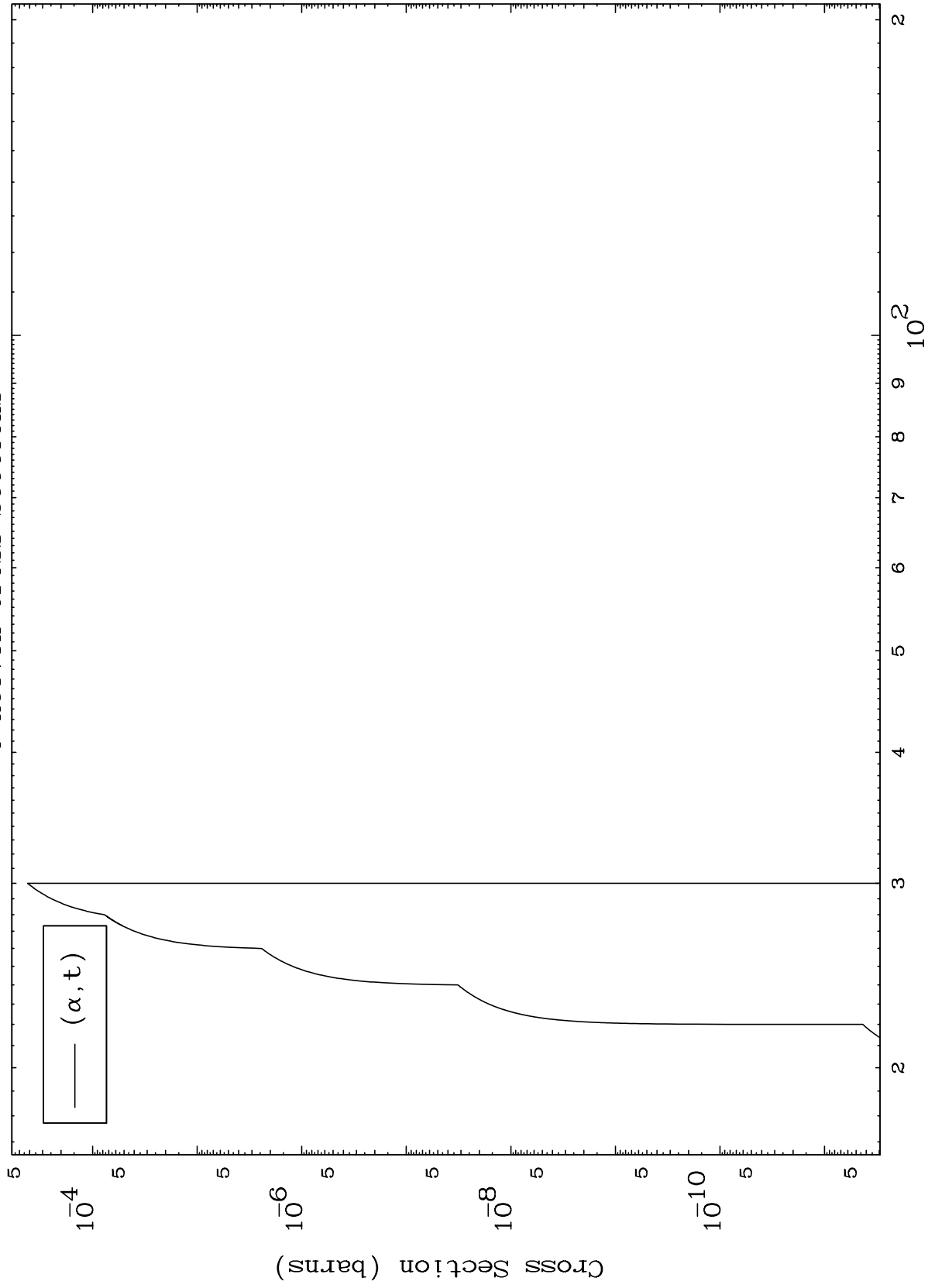
Incident Energy (MeV)

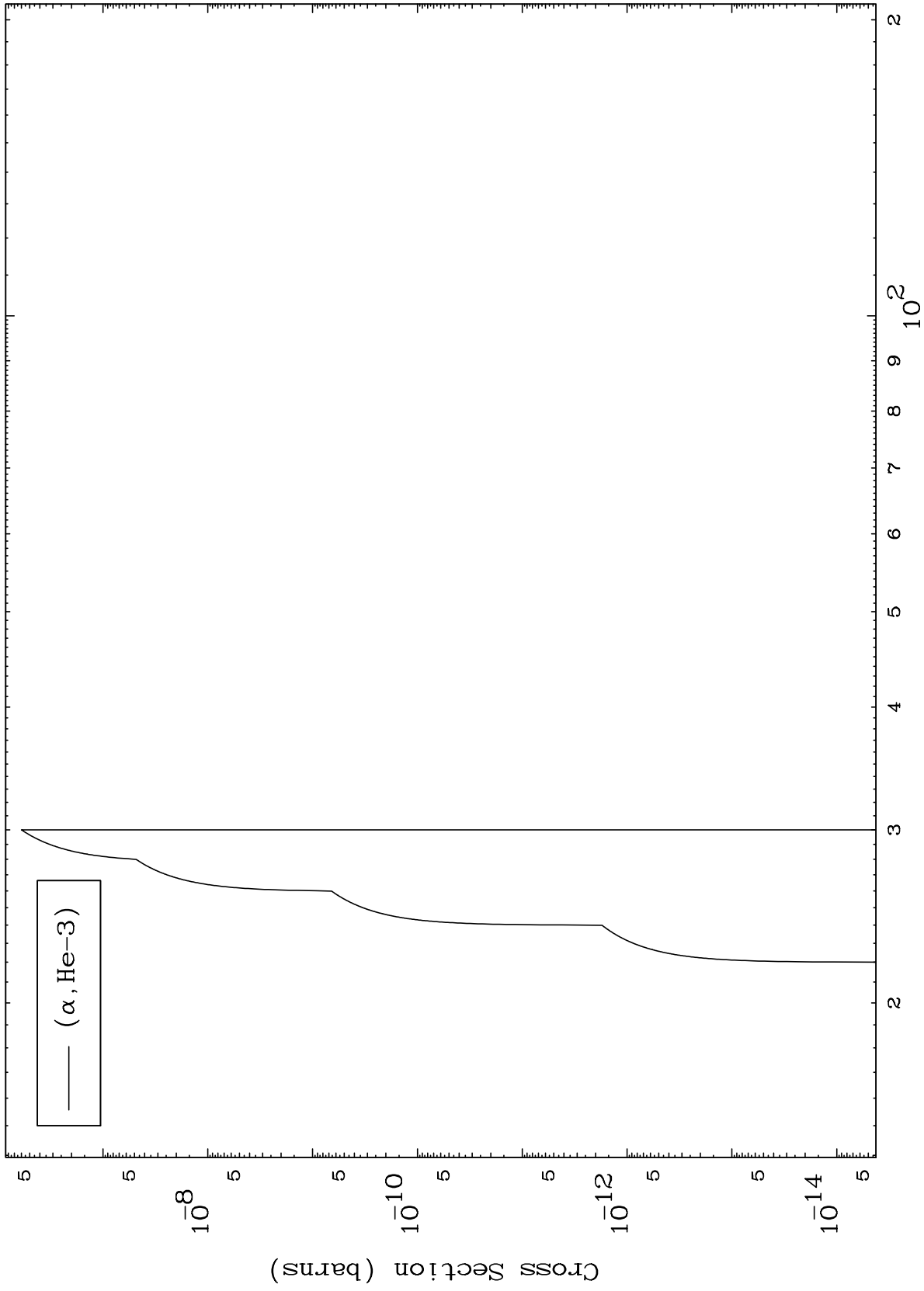
64-Gd-150

MAT 6419

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-150

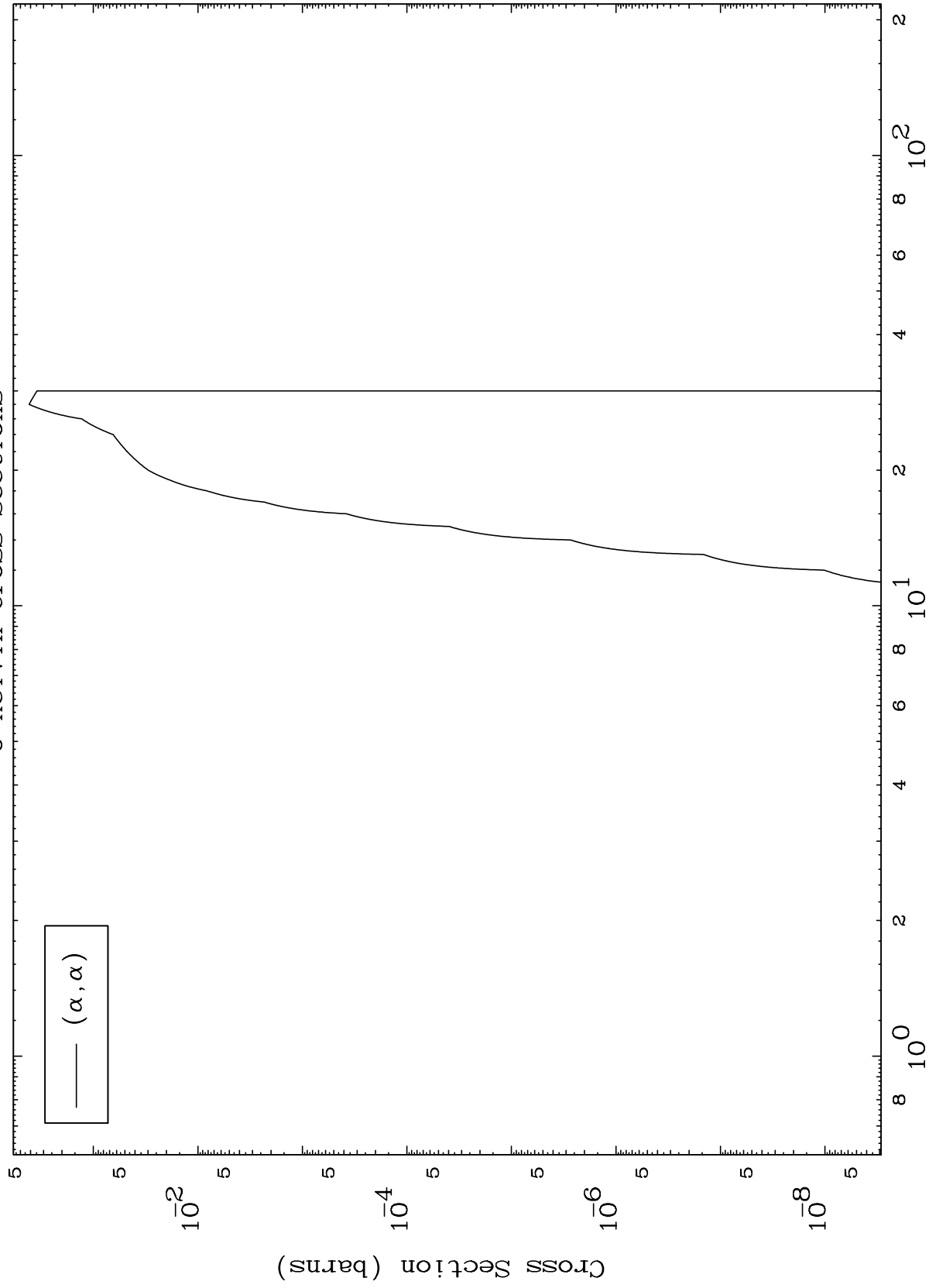




MAT 6419

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-150



10

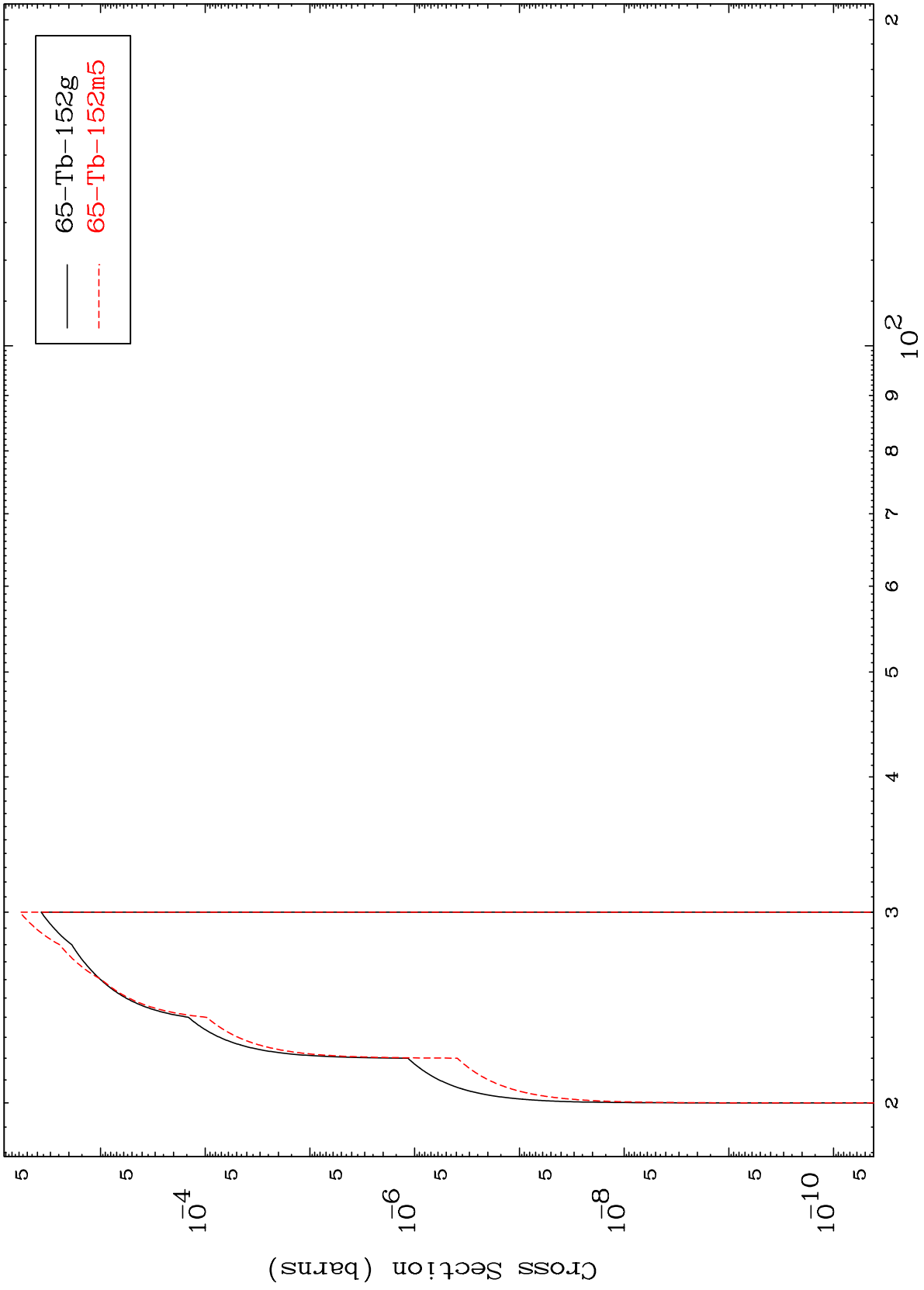
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

(α, n') p
Radionuclide Production Cross Section



11

Incident Energy (MeV)

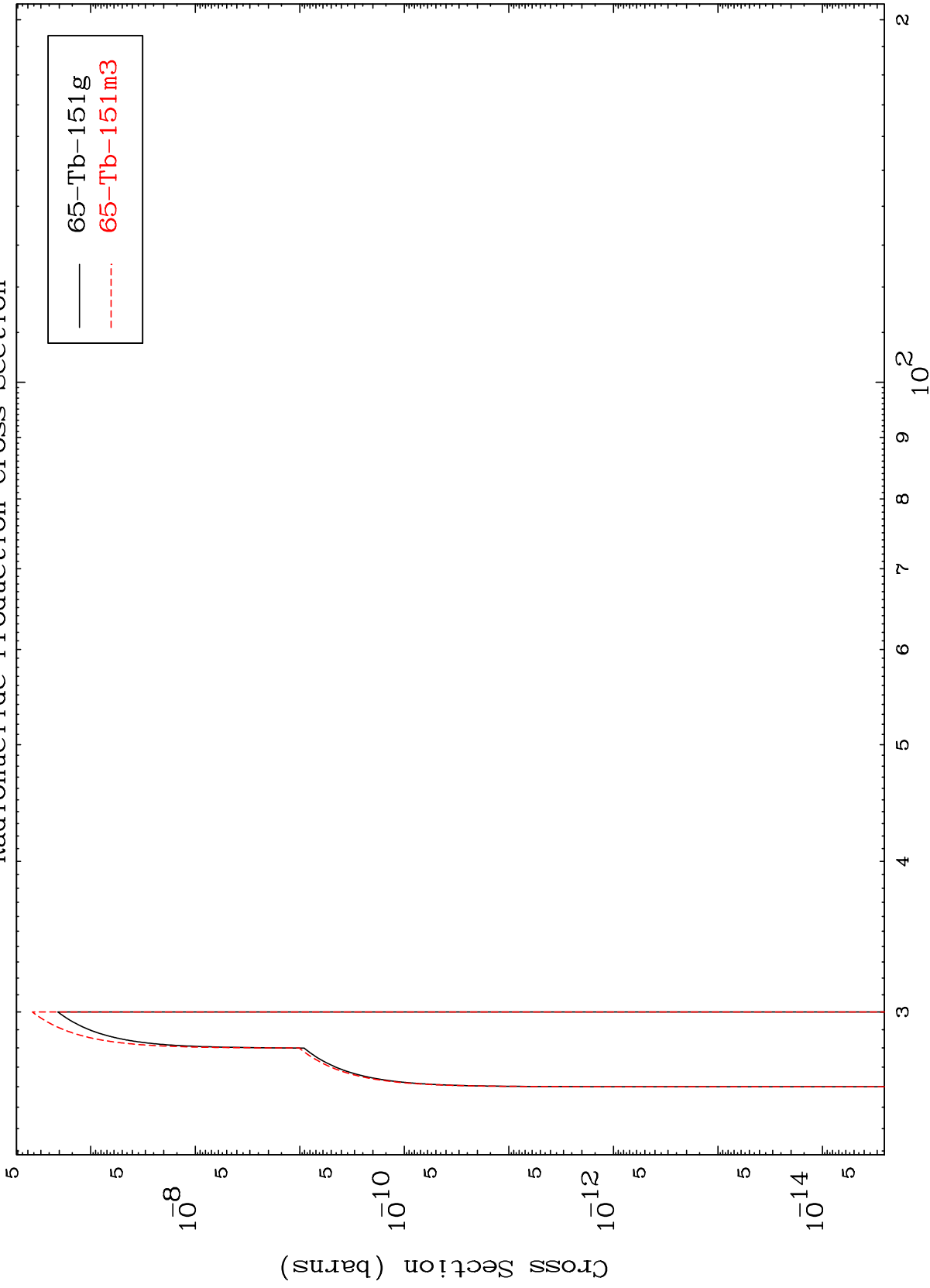
64-Gd-150

MAT 6419

(α, n') d

64-Gd-150

Radionuclide Production Cross Section



12

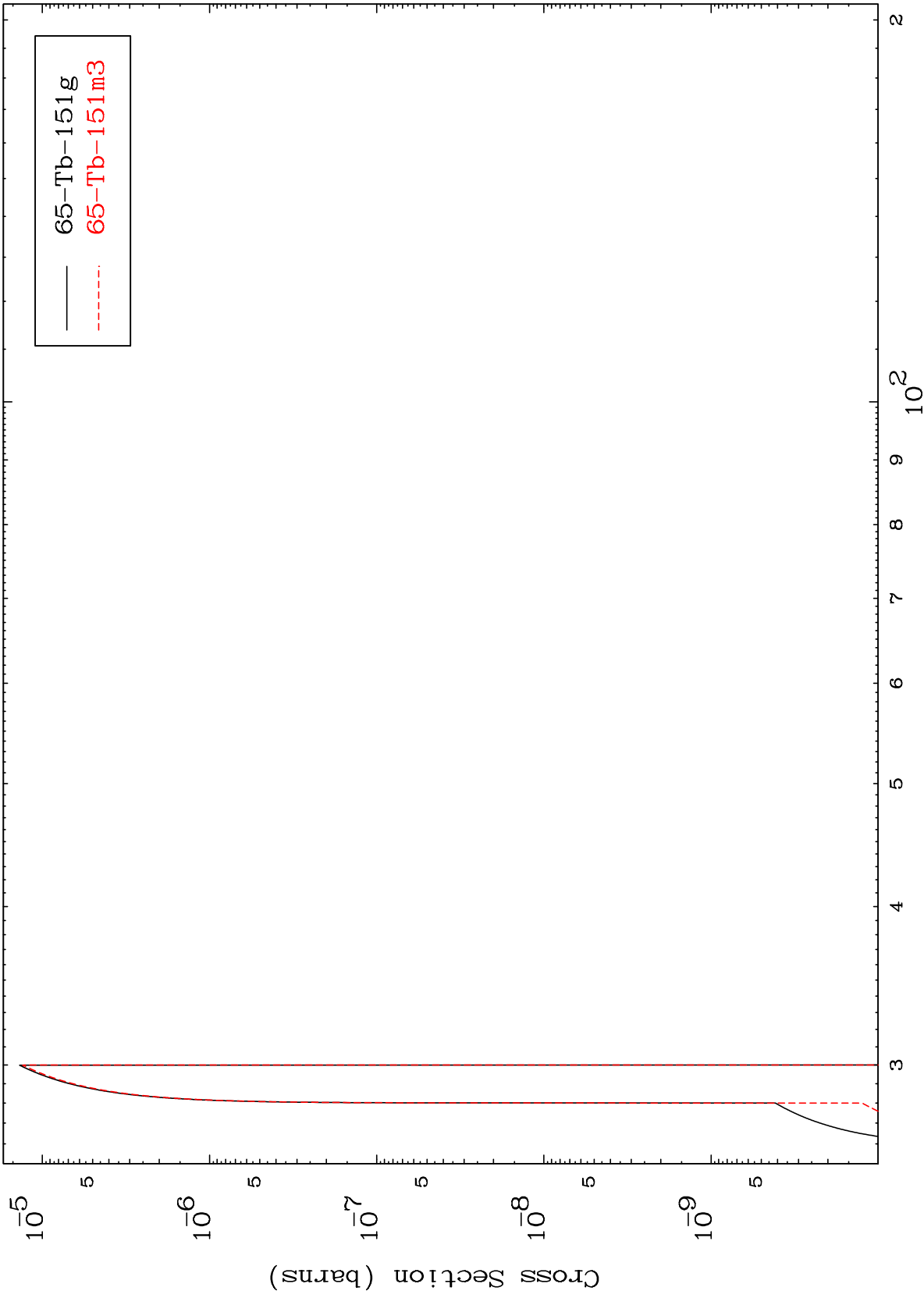
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



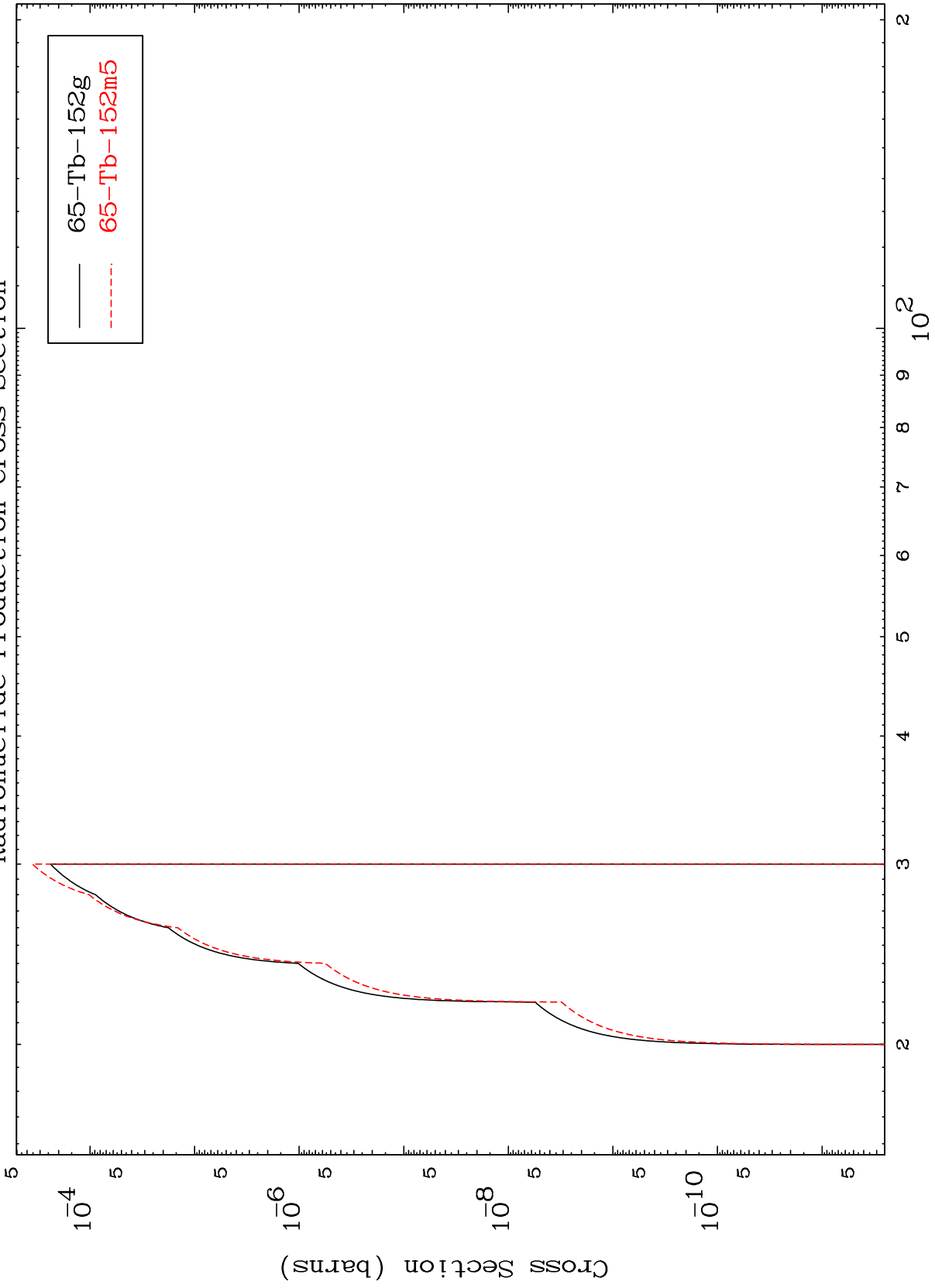
13

64-Gd-150

MAT 6419

64-Gd-150

(α, d)
Radionuclide Production Cross Section



14

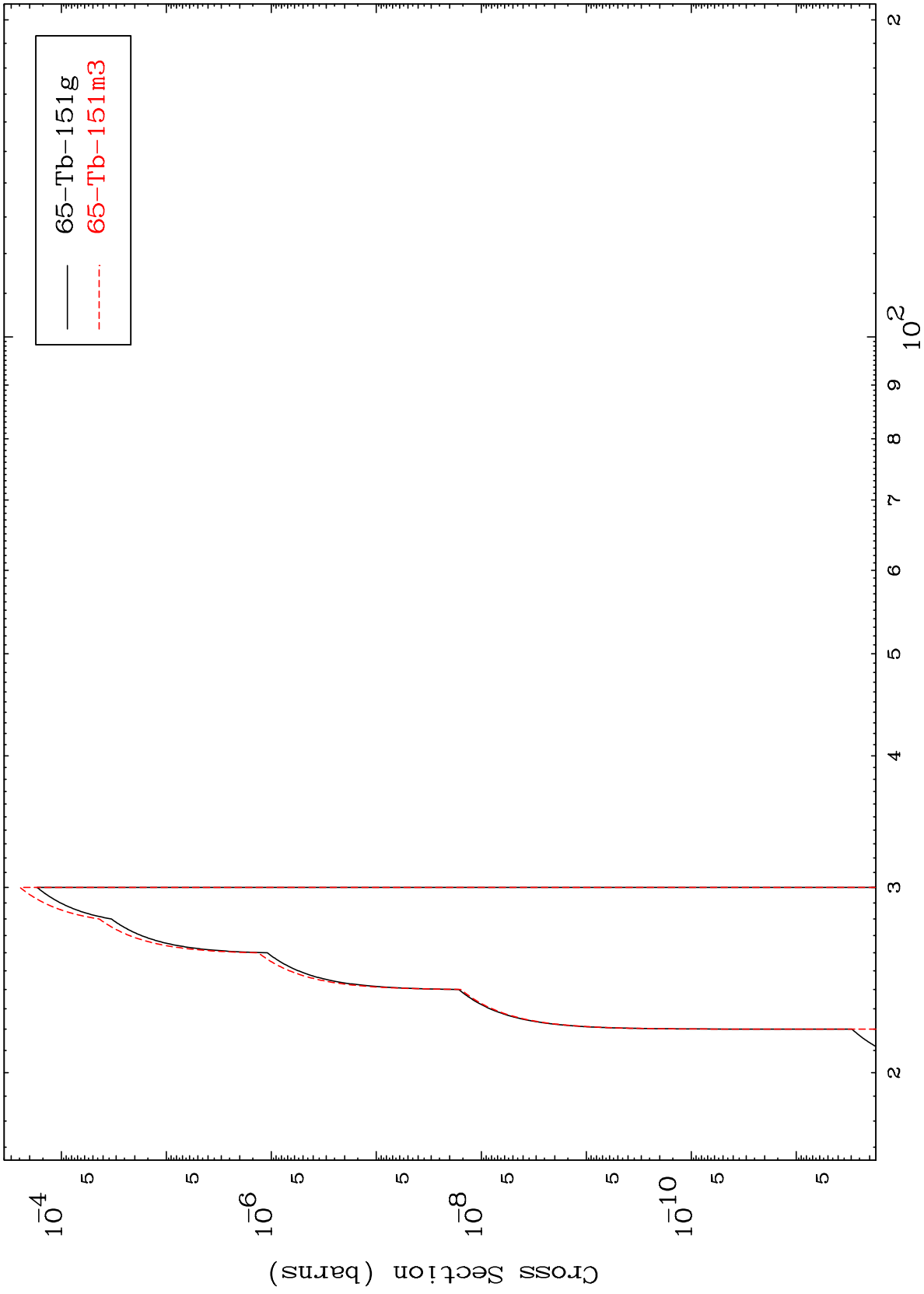
Incident Energy (MeV)

64-Gd-150

MAT 6419

64-Gd-150

(α, t)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-150