

Program EVALPLOT
(Version 2018-1)

by

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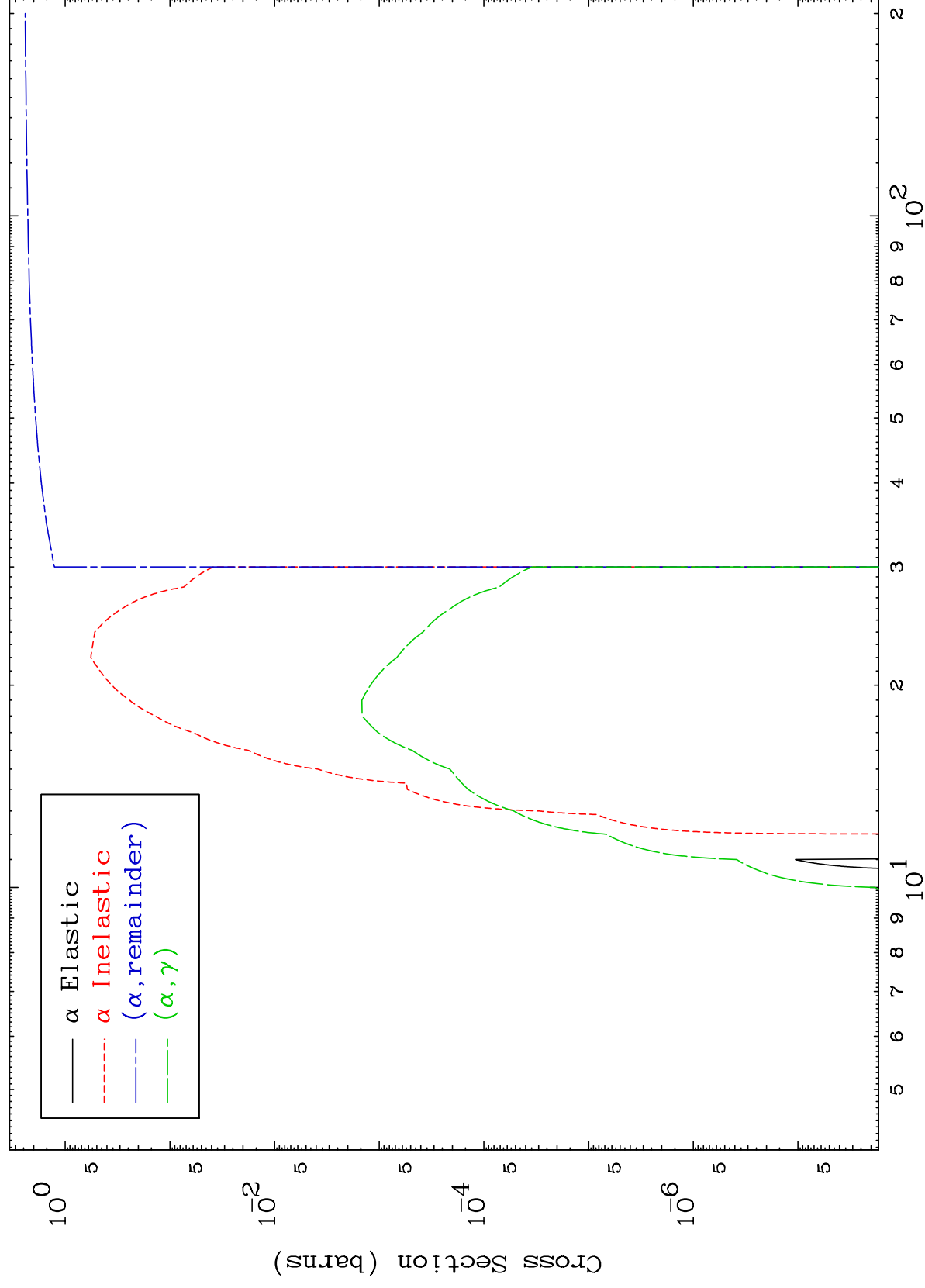
Press Mouse Button to Start

MAT 6410

 α Major

64-Gd-147

0 Kelvin Cross Sections



1

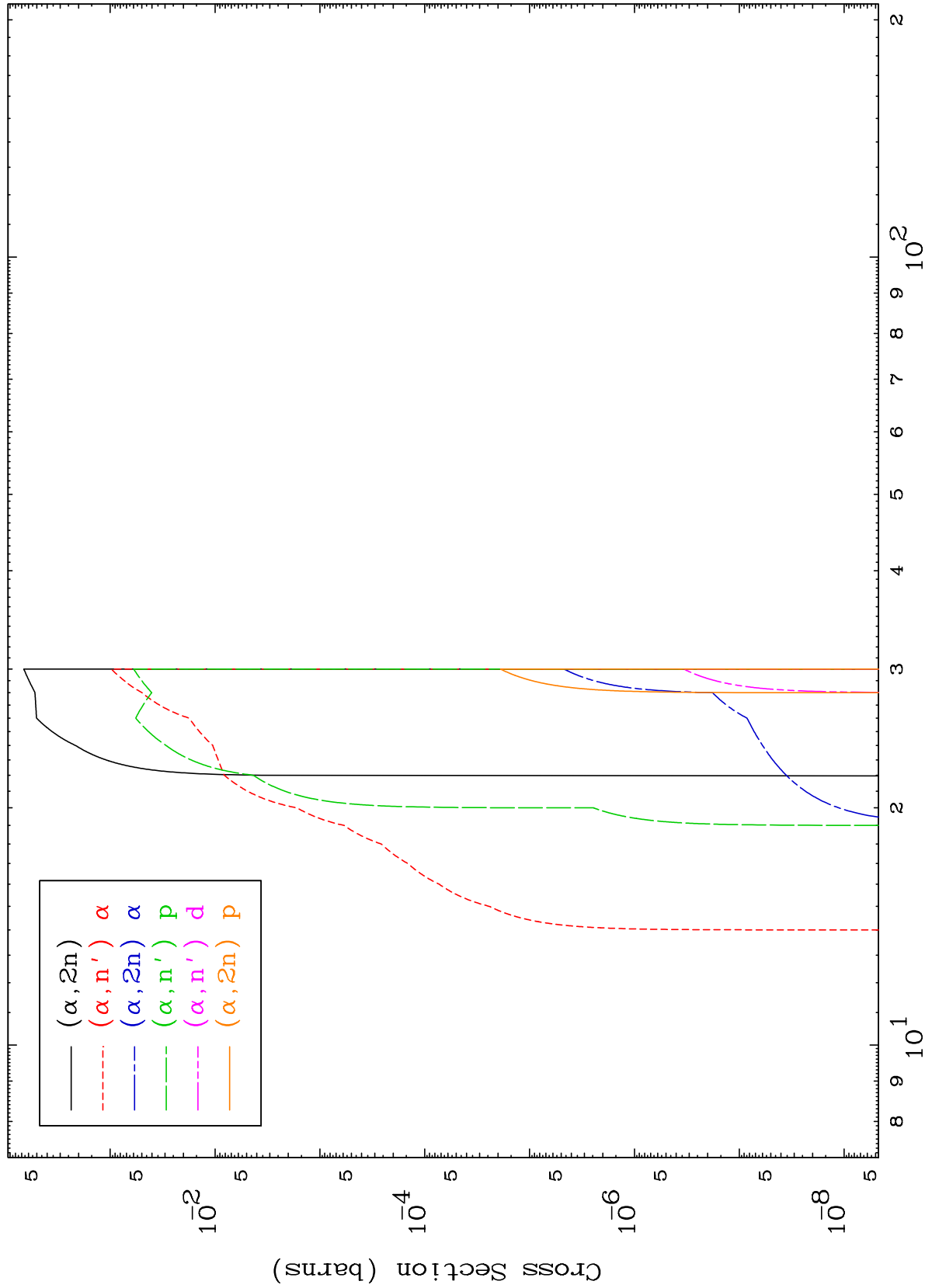
Incident Energy (MeV)

64-Gd-147

MAT 6410

α Neutron Production
0 Kelvin Cross Sections

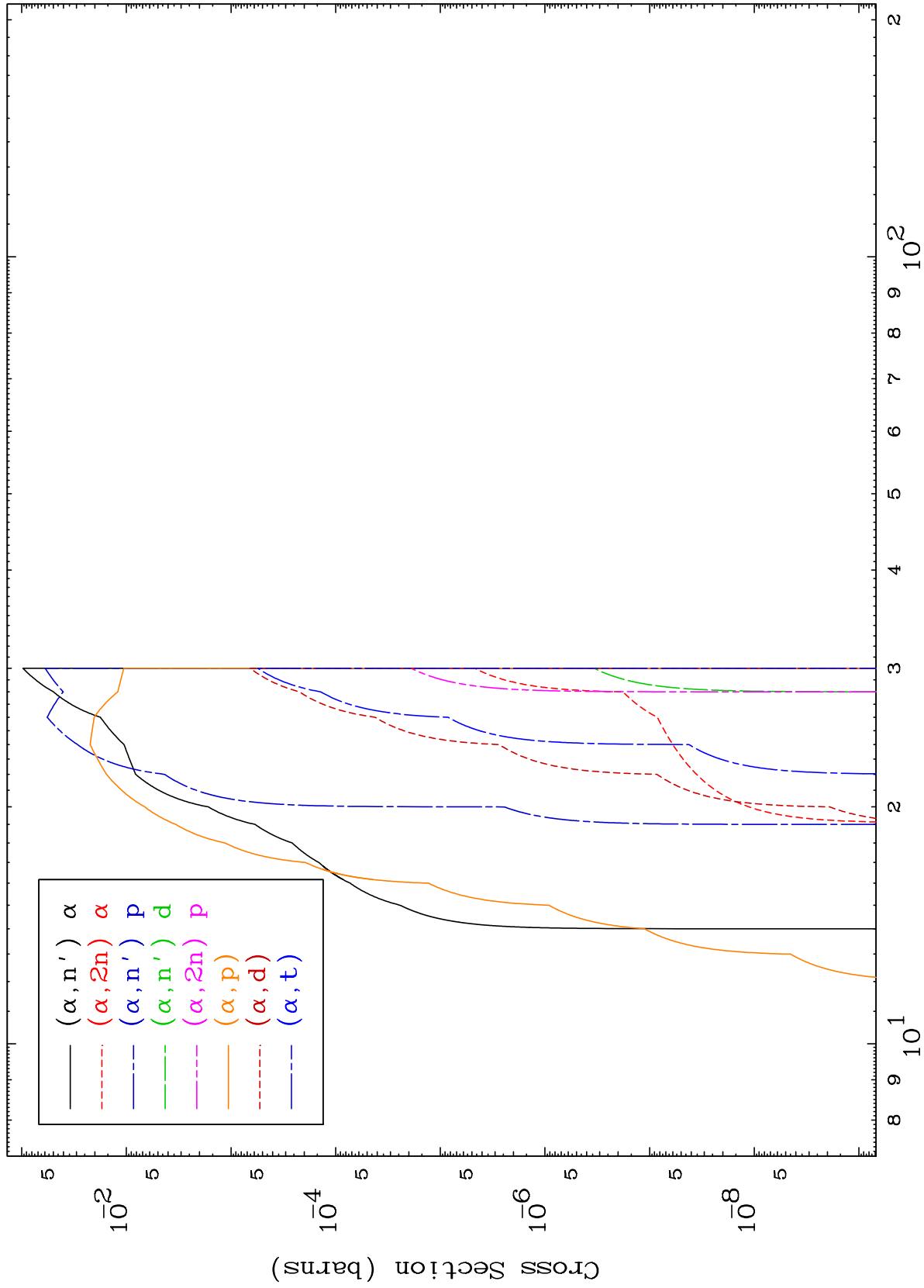
64-Gd-147



2

Incident Energy (MeV)

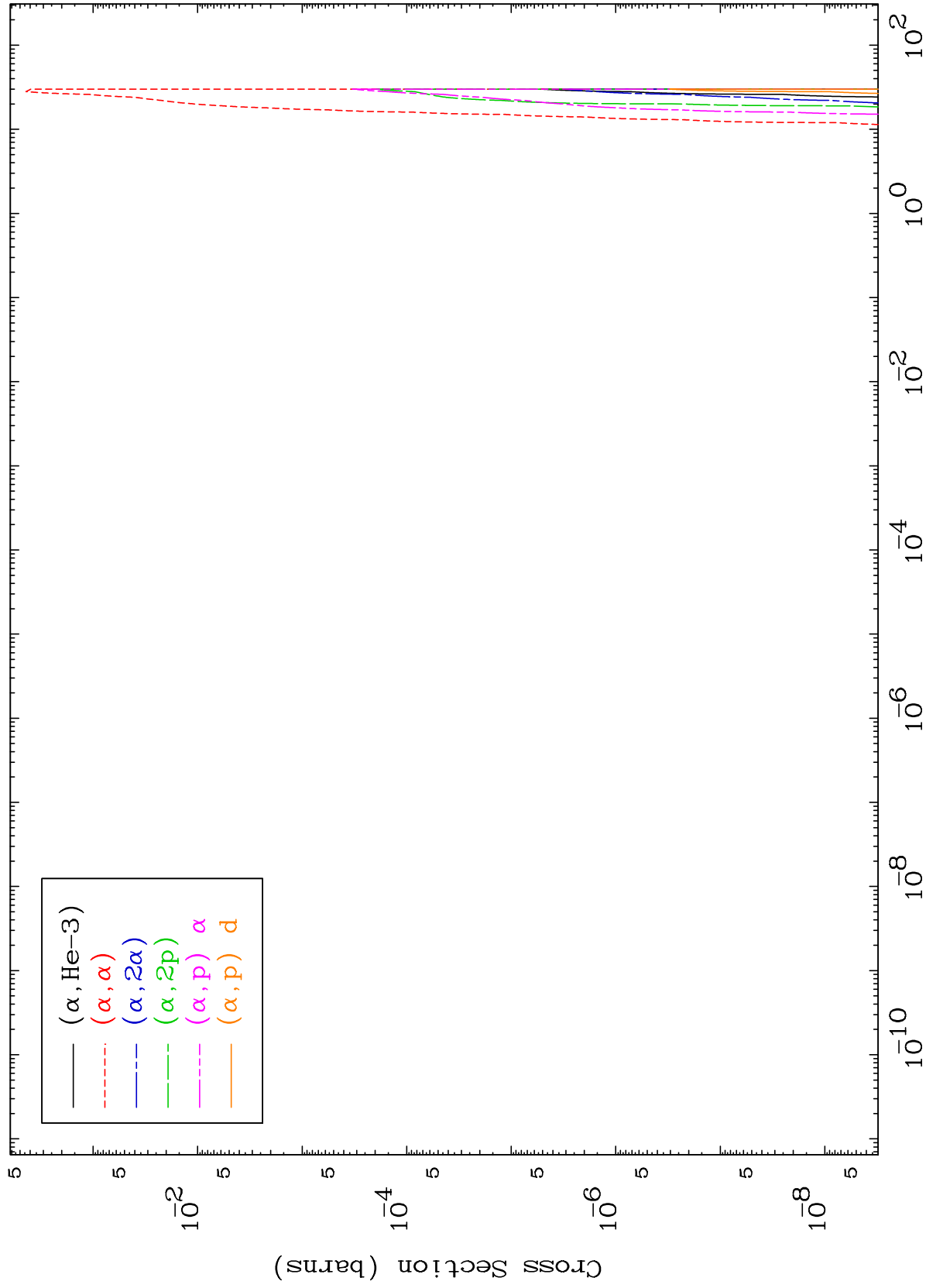
64-Gd-147



MAT 6410

α Charged Particle
0 Kelvin Cross Sections

64-Gd-147



4

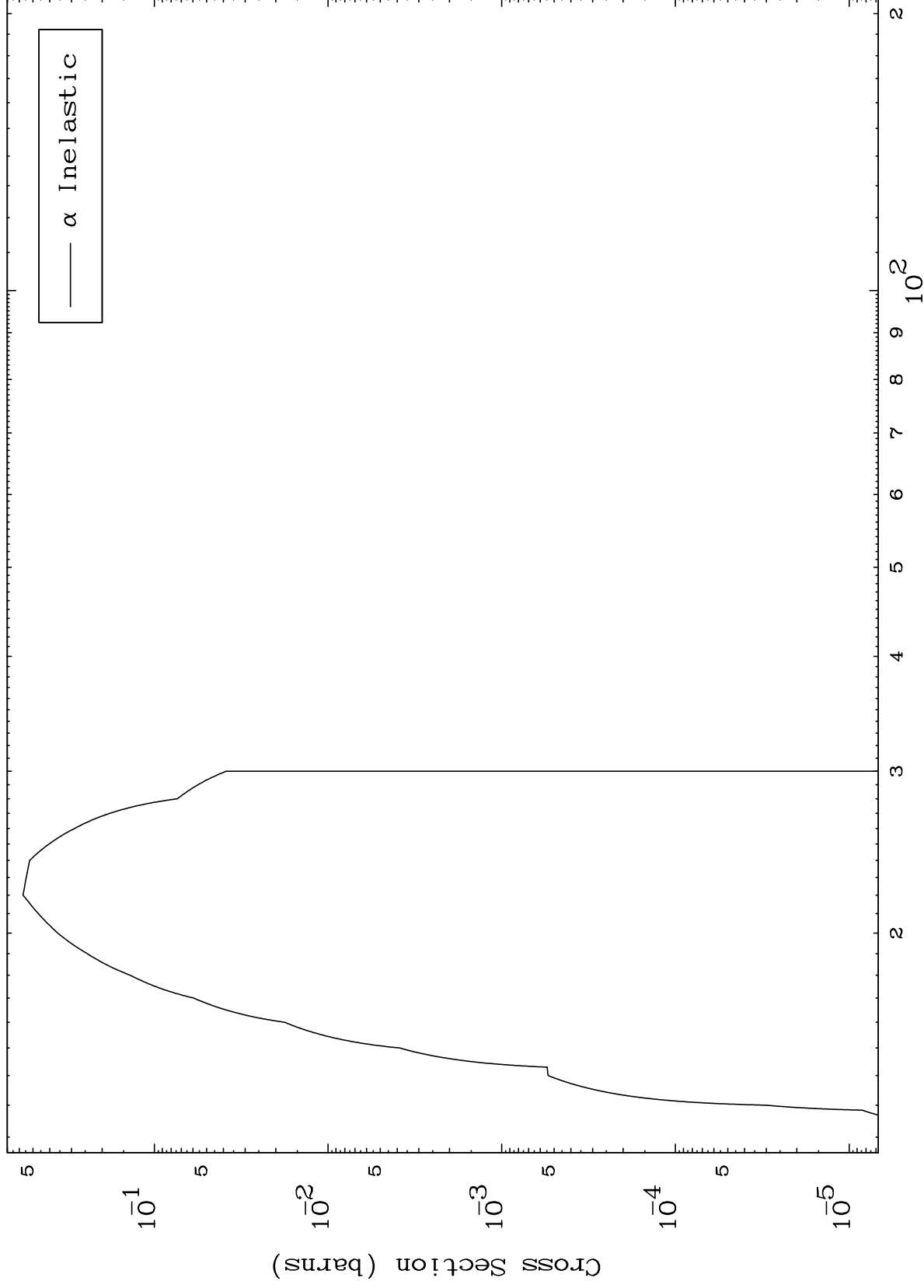
Incident Energy (MeV)

64-Gd-147

MAT 6410

(α, n') Level
0 Kelvin Cross Sections

64-Gd-147



5

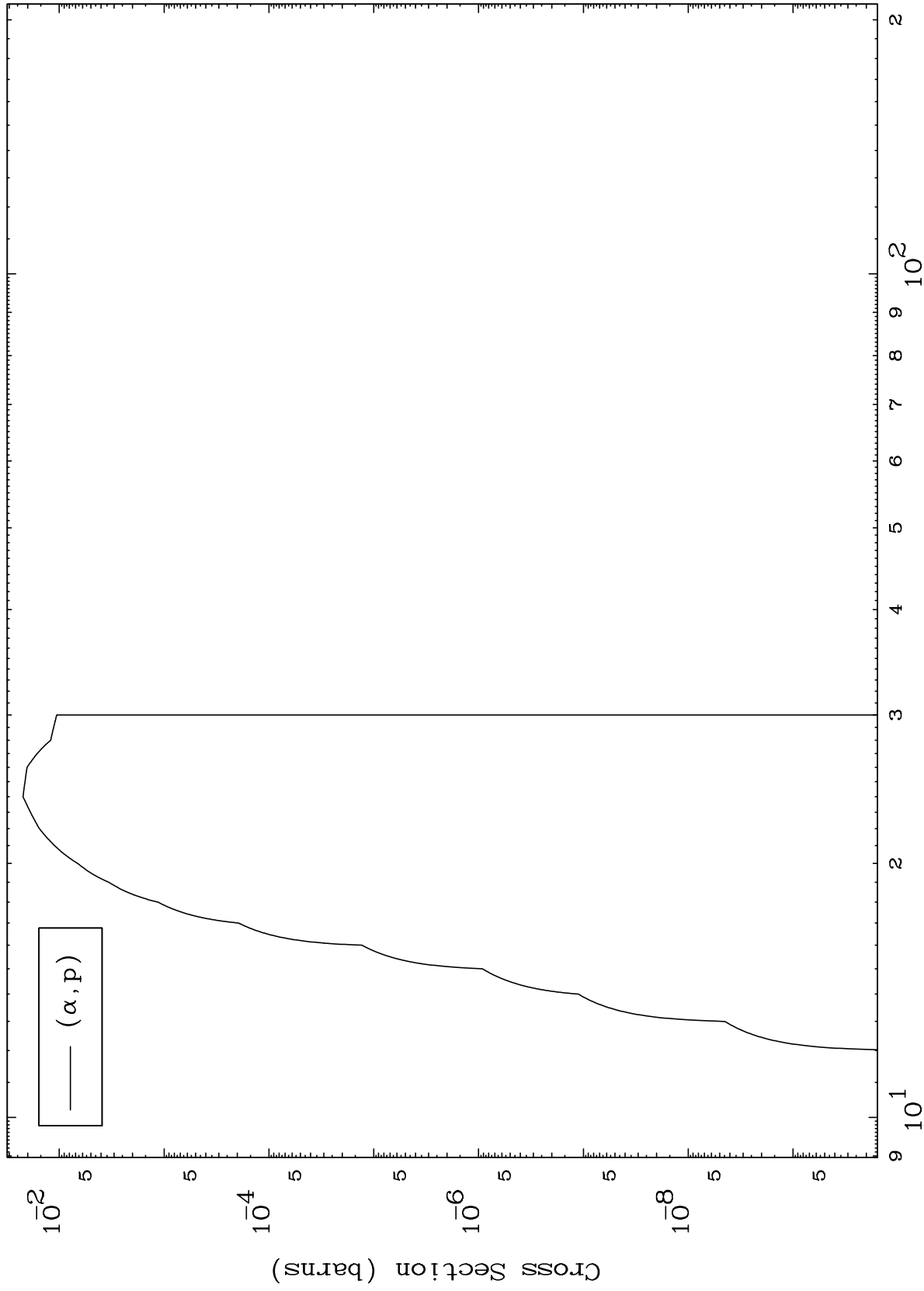
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(α ,p) Levels
0 Kelvin Cross Sections



6

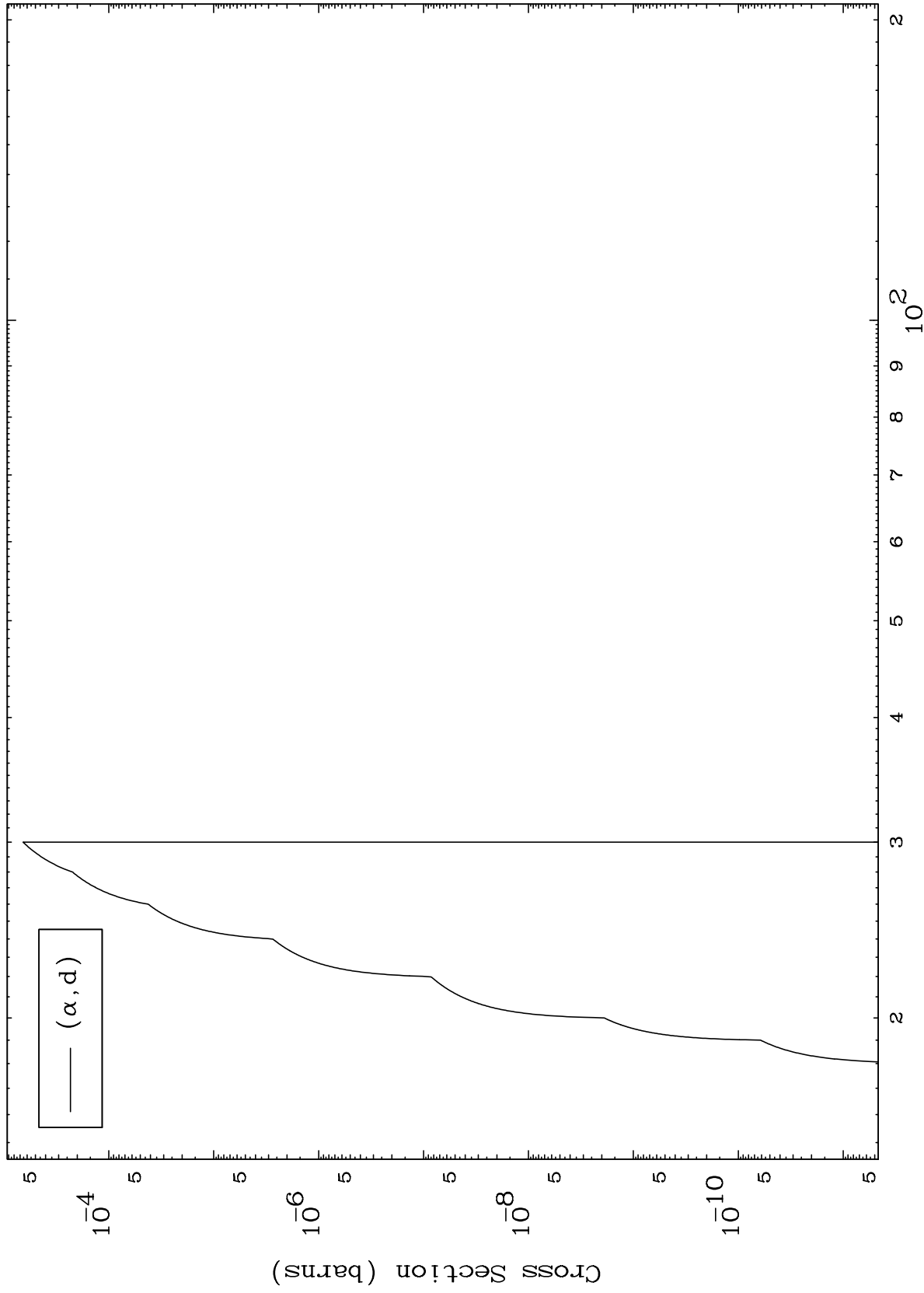
Incident Energy (MeV)

64-Gd-147

MAT 6410

(α ,d) Levels
0 Kelvin Cross Sections

64-Gd-147



7

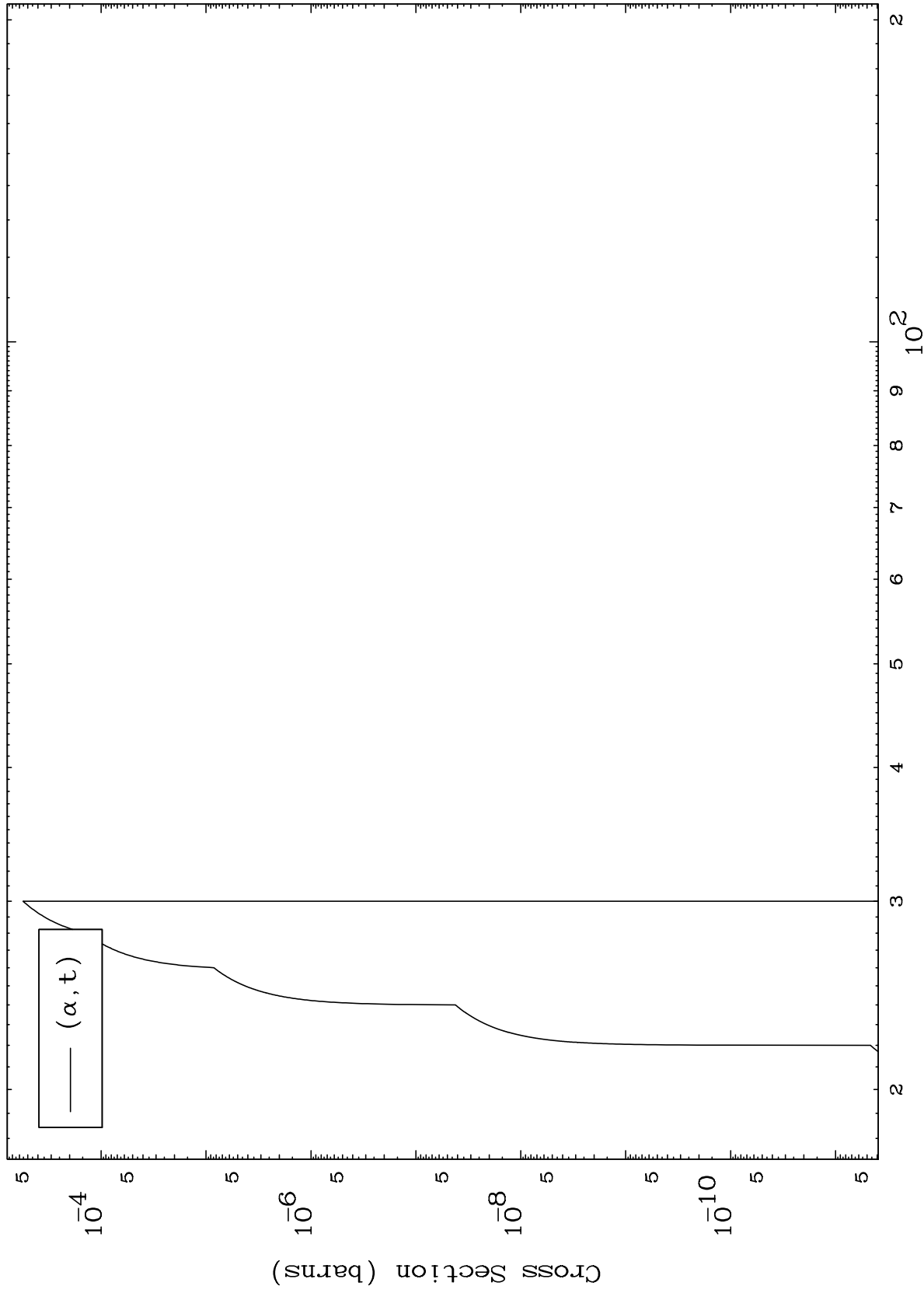
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(α ,t) Levels
0 Kelvin Cross Sections



8

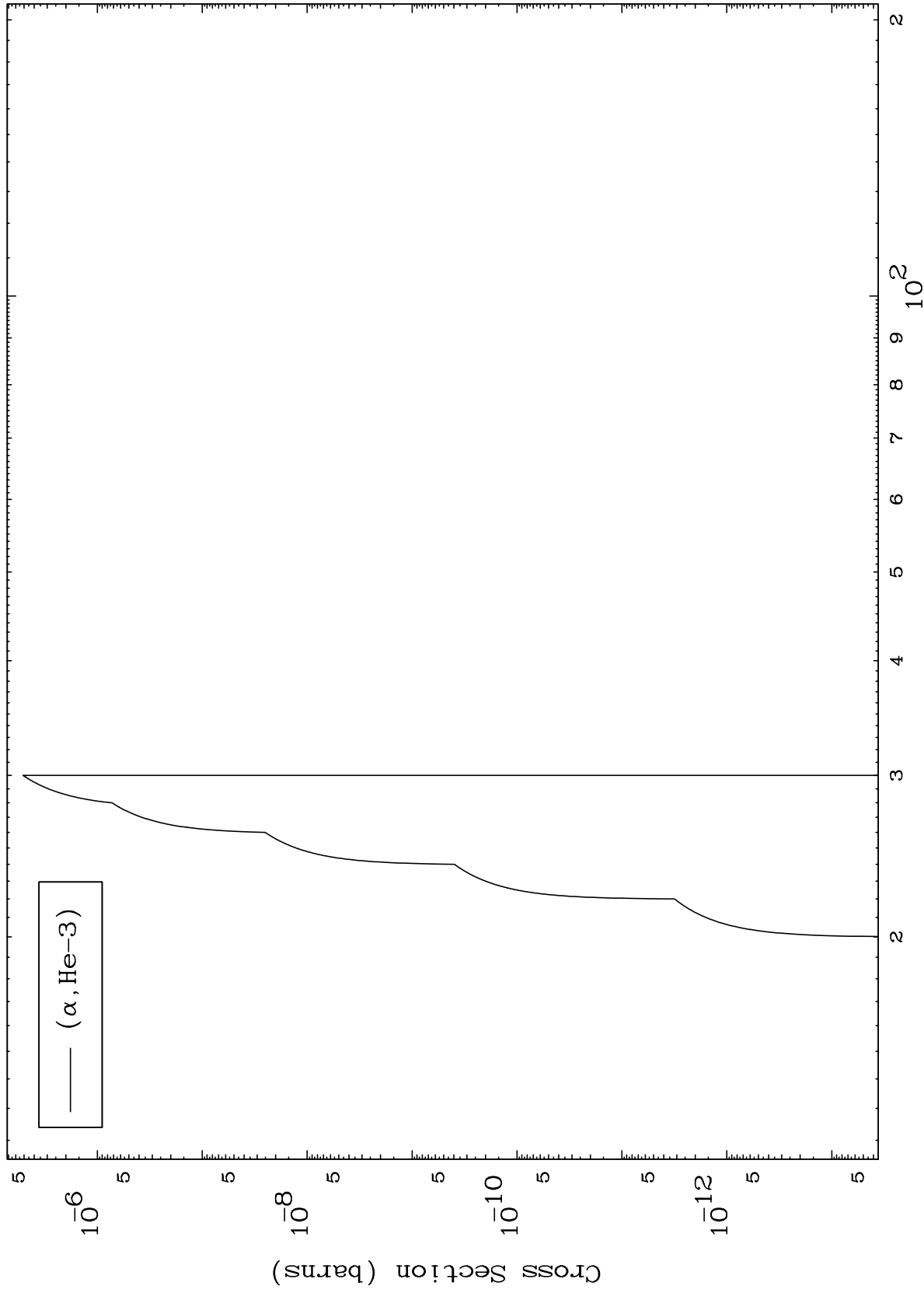
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(α ,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

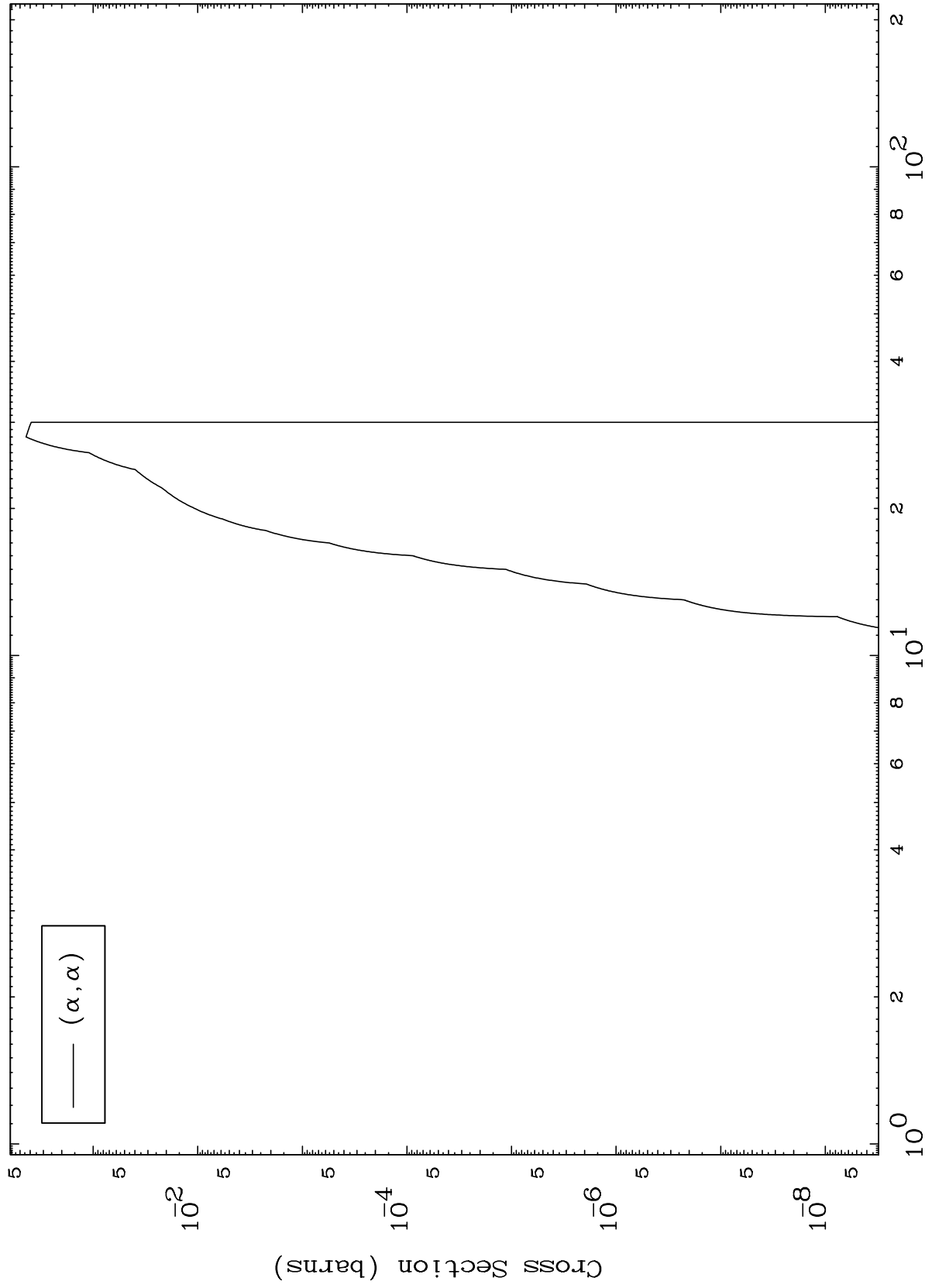
64-Gd-147

MAT 6410

(α, α) Levels

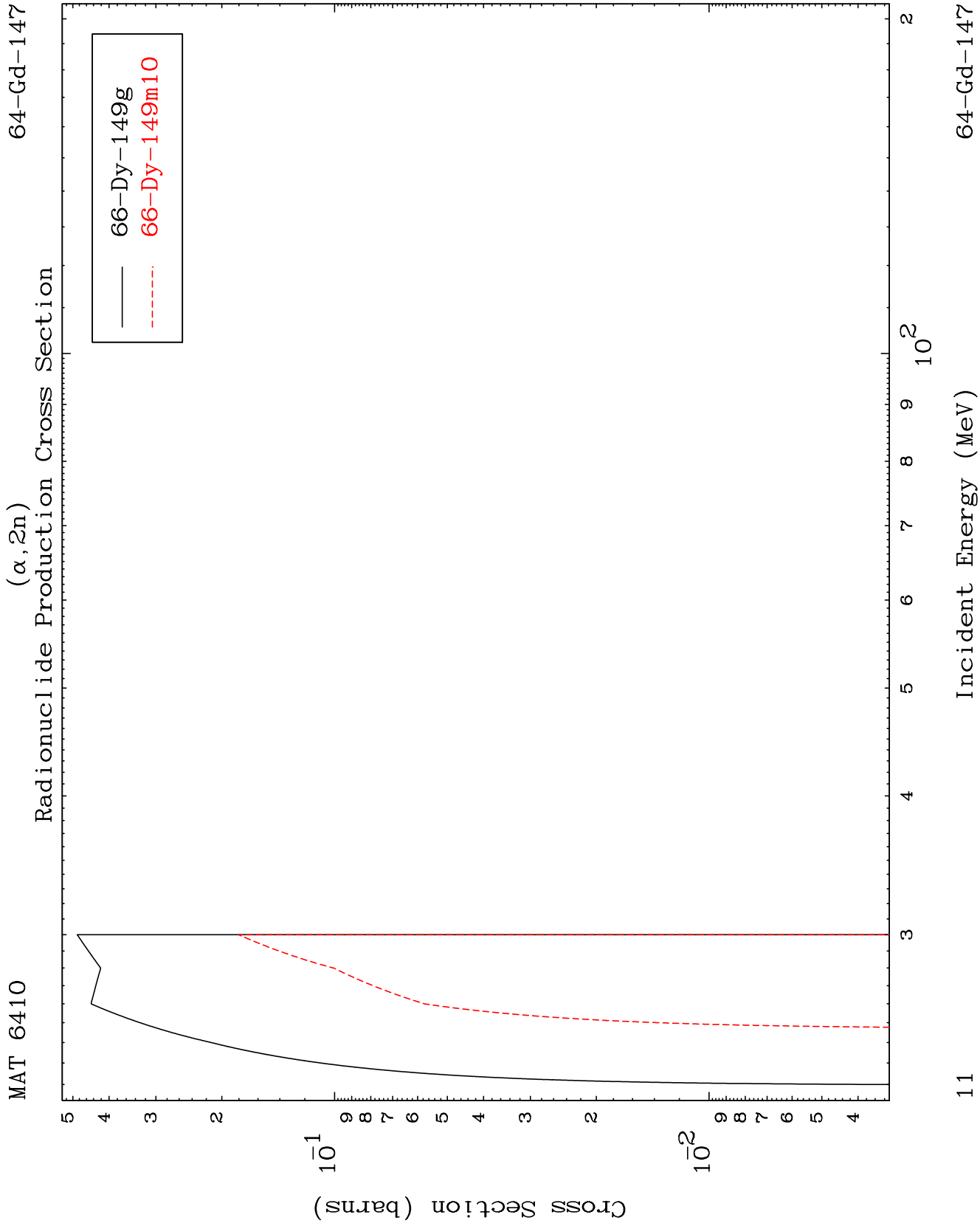
64-Gd-147

0 Kelvin Cross Sections



Incident Energy (MeV)

64-Gd-147

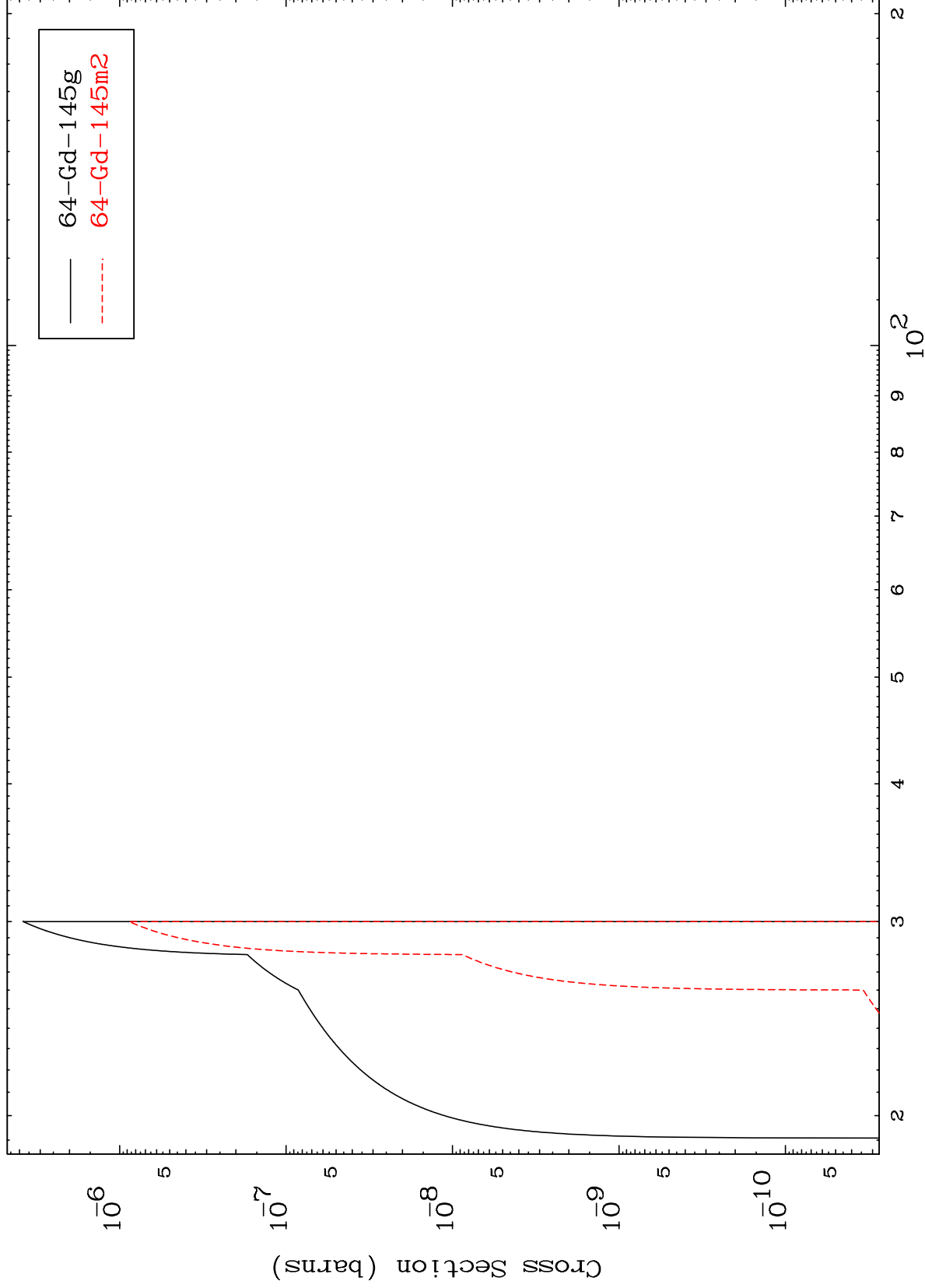


MAT 6410

$(\alpha, 2n) \alpha$

64-Gd-147

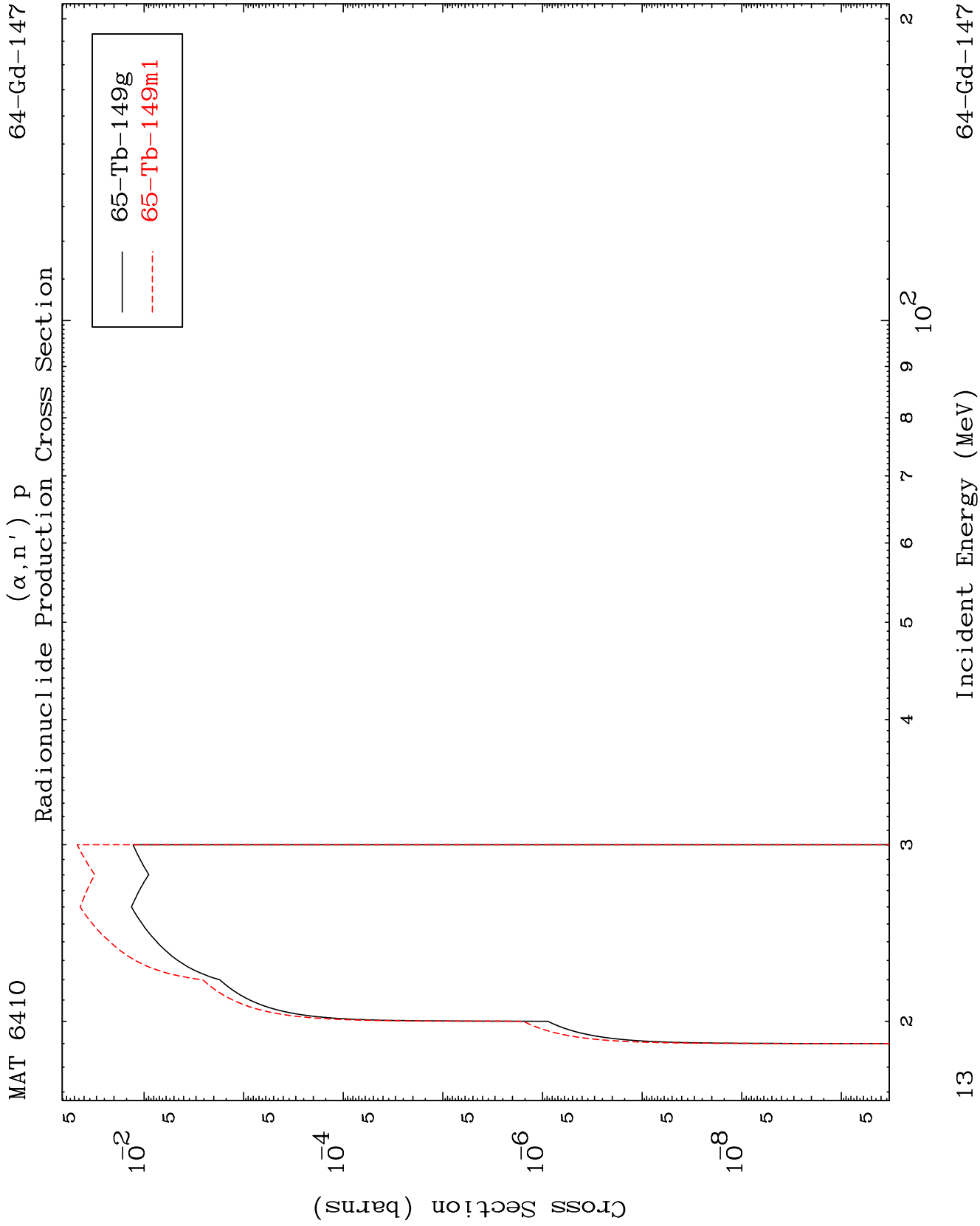
Radionuclide Production Cross Section

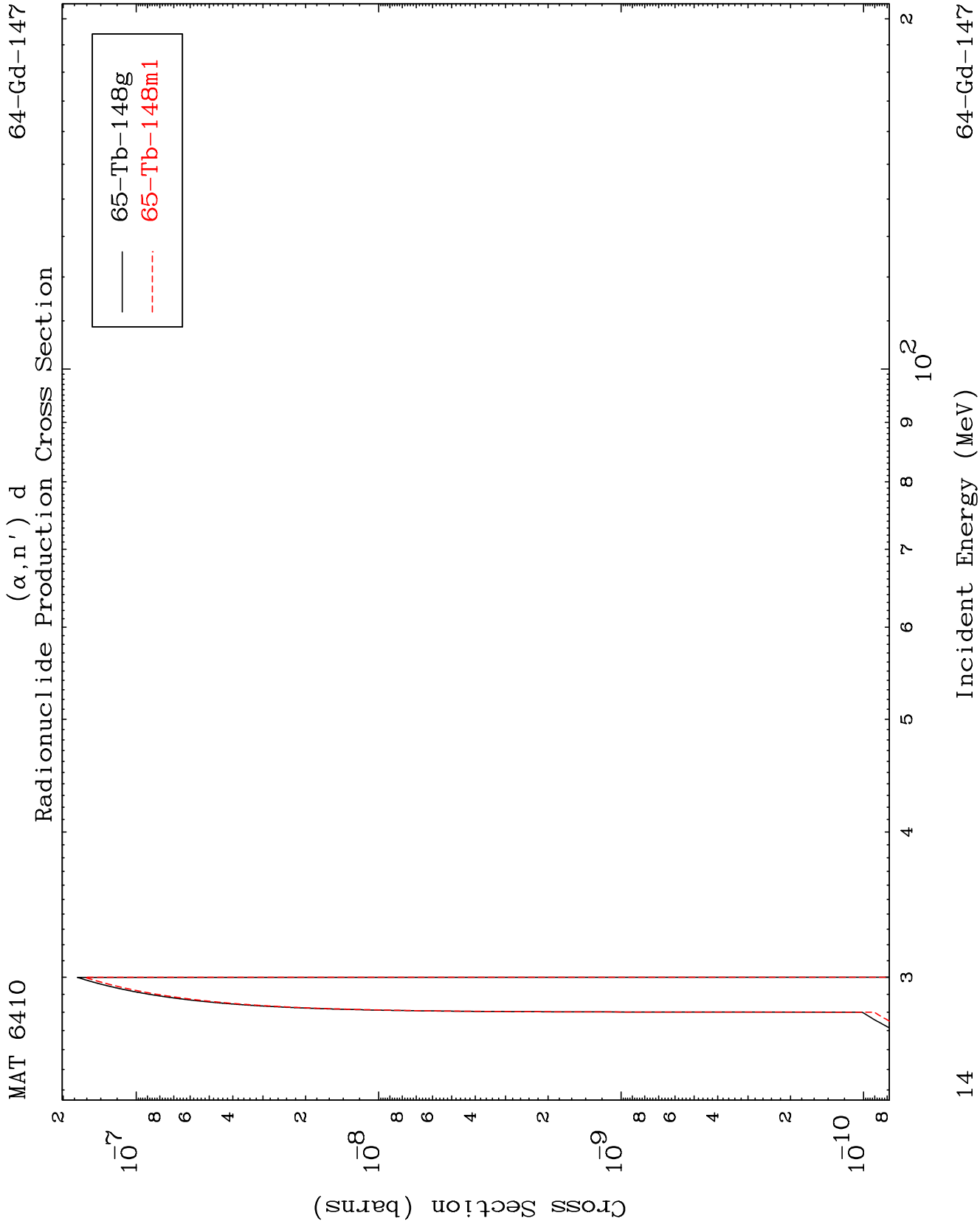


12

Incident Energy (MeV)

64-Gd-147



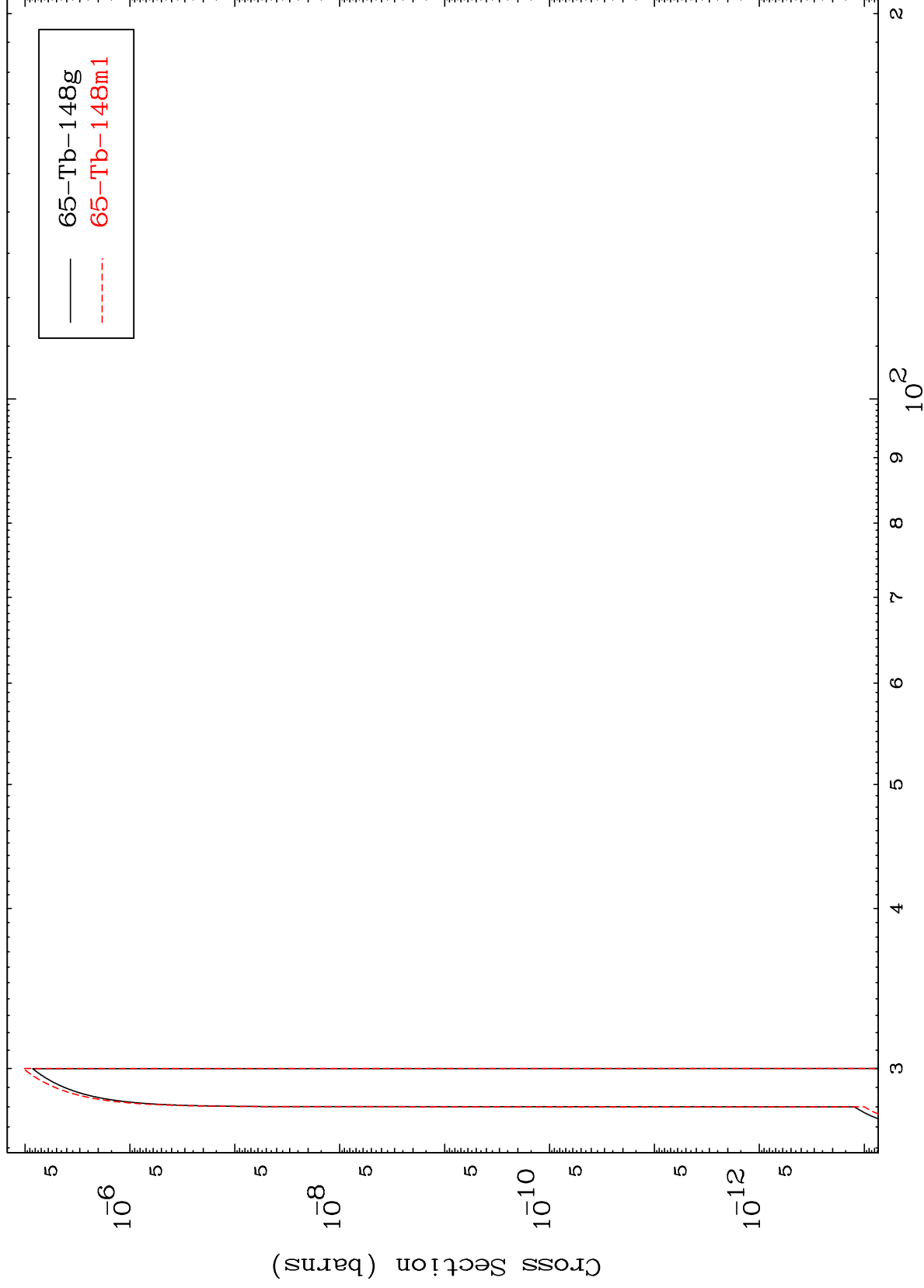


MAT 6410

$(\alpha, 2n)$ p

64-Gd-147

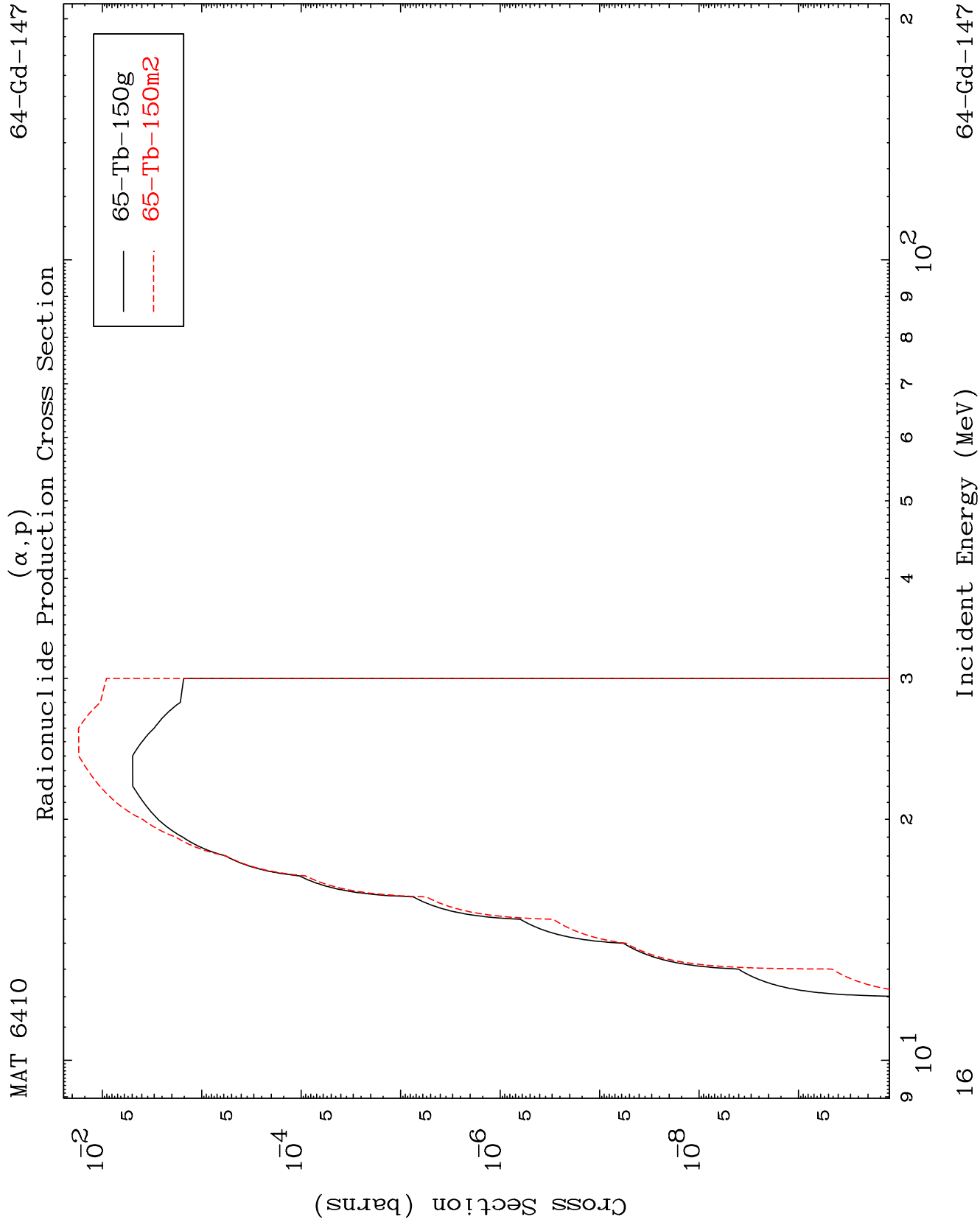
Radionuclide Production Cross Section

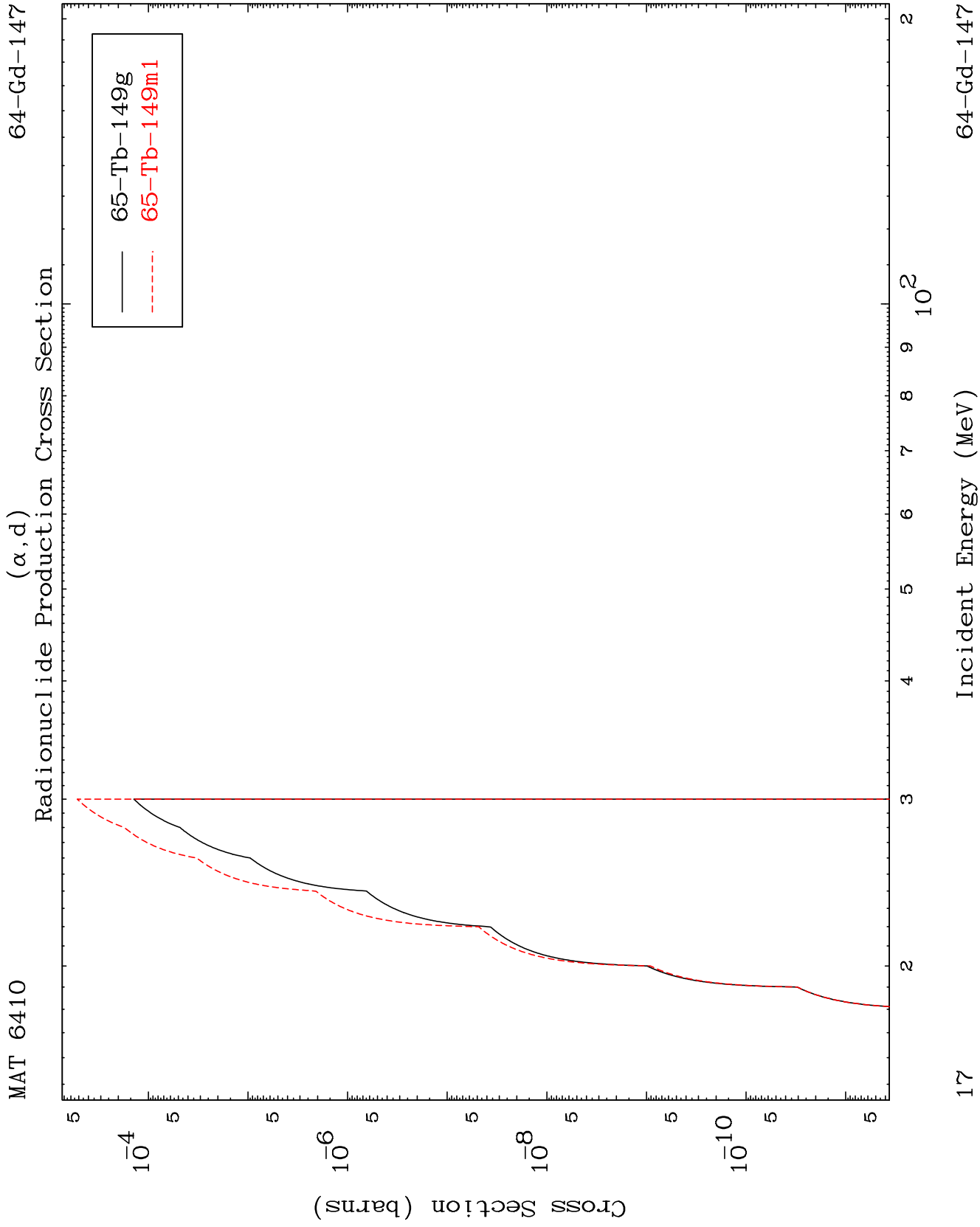


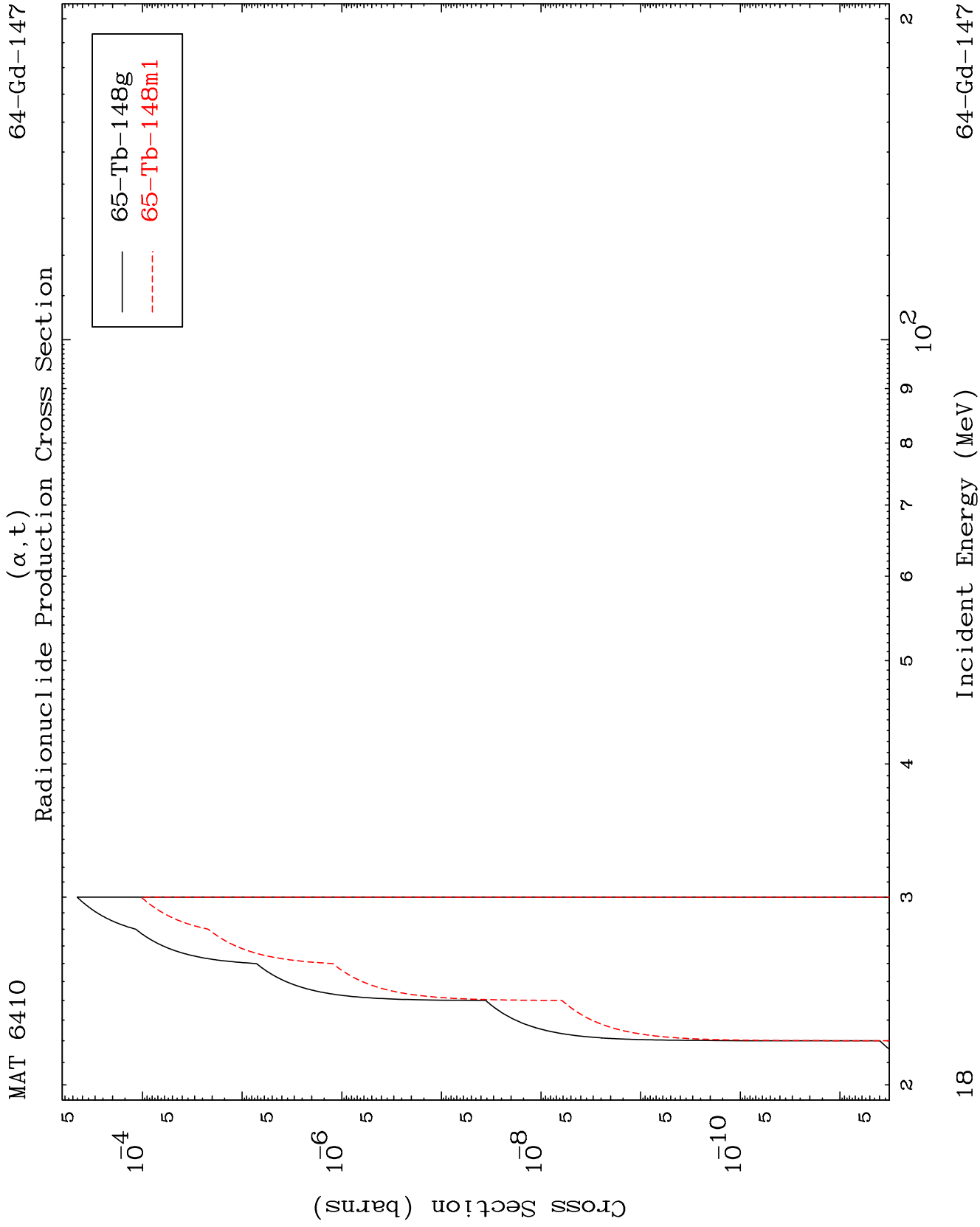
15

Incident Energy (MeV)

64-Gd-147





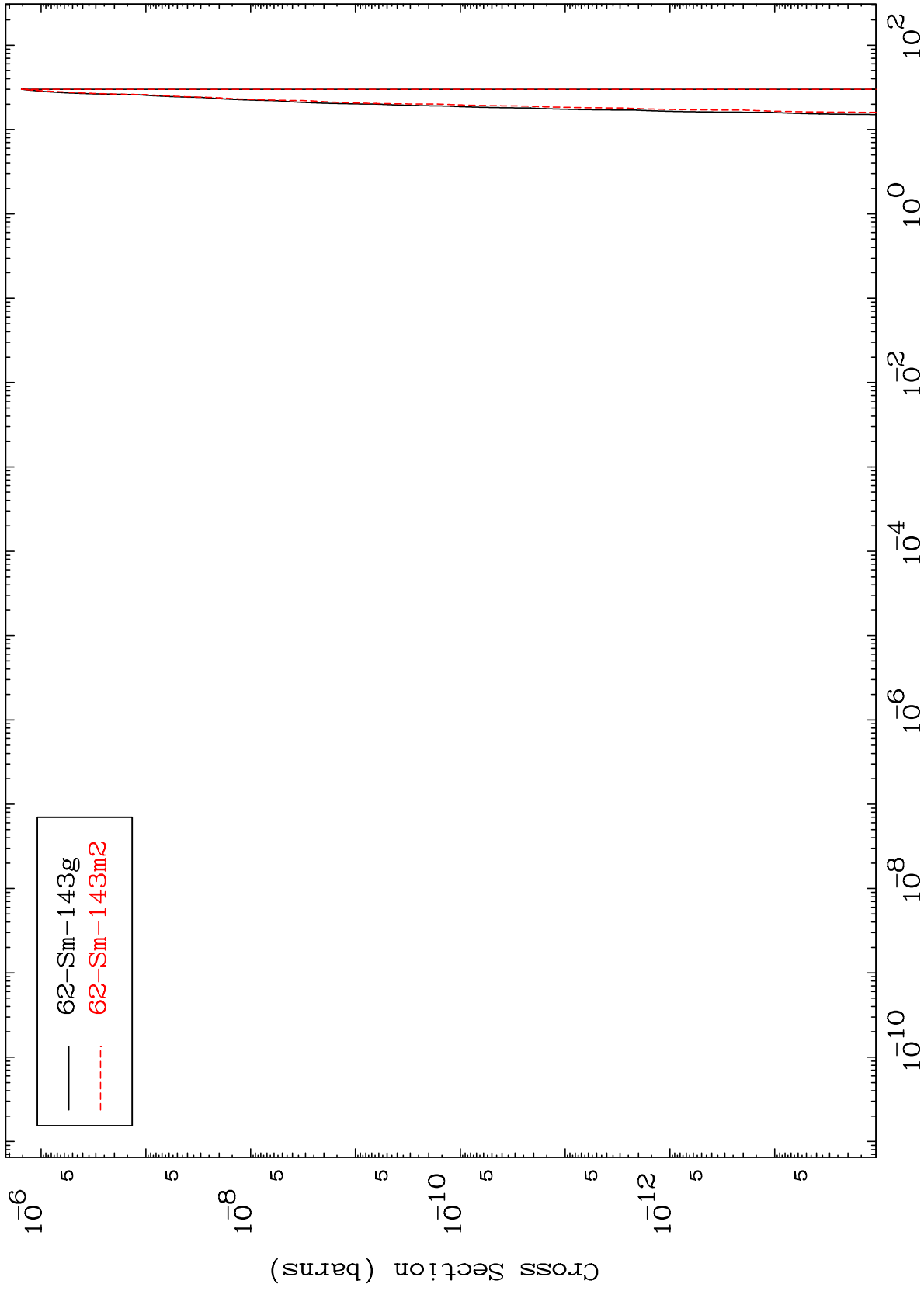


MAT 6410

$(\alpha, 2\alpha)$

64-Gd-147

Radionuclide Production Cross Section



19

Incident Energy (MeV)

64-Gd-147