

Program EVALPLOT  
(Version 2018-1)

by

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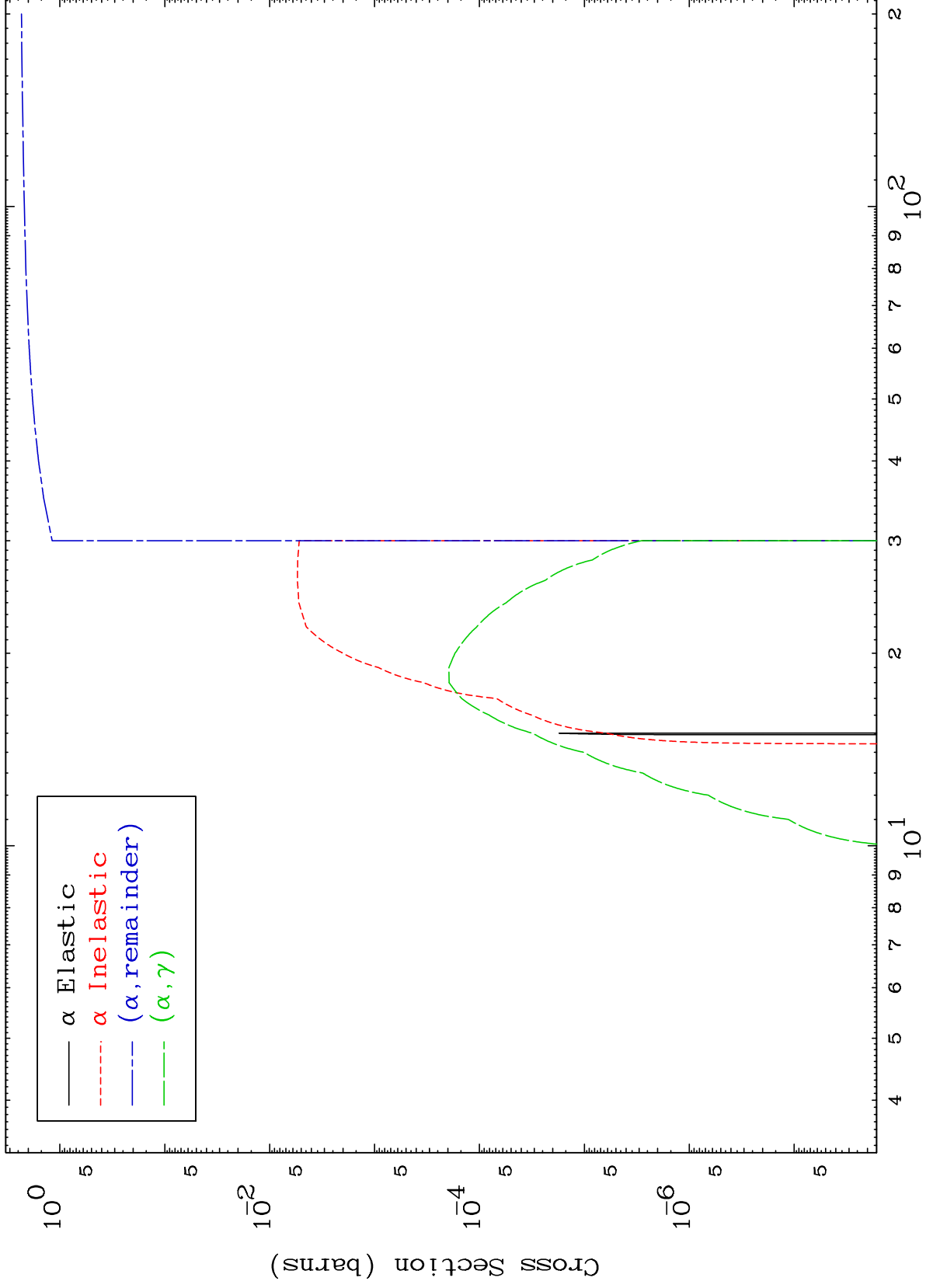
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6380

0 Kelvin Major  $\alpha$  Cross Sections

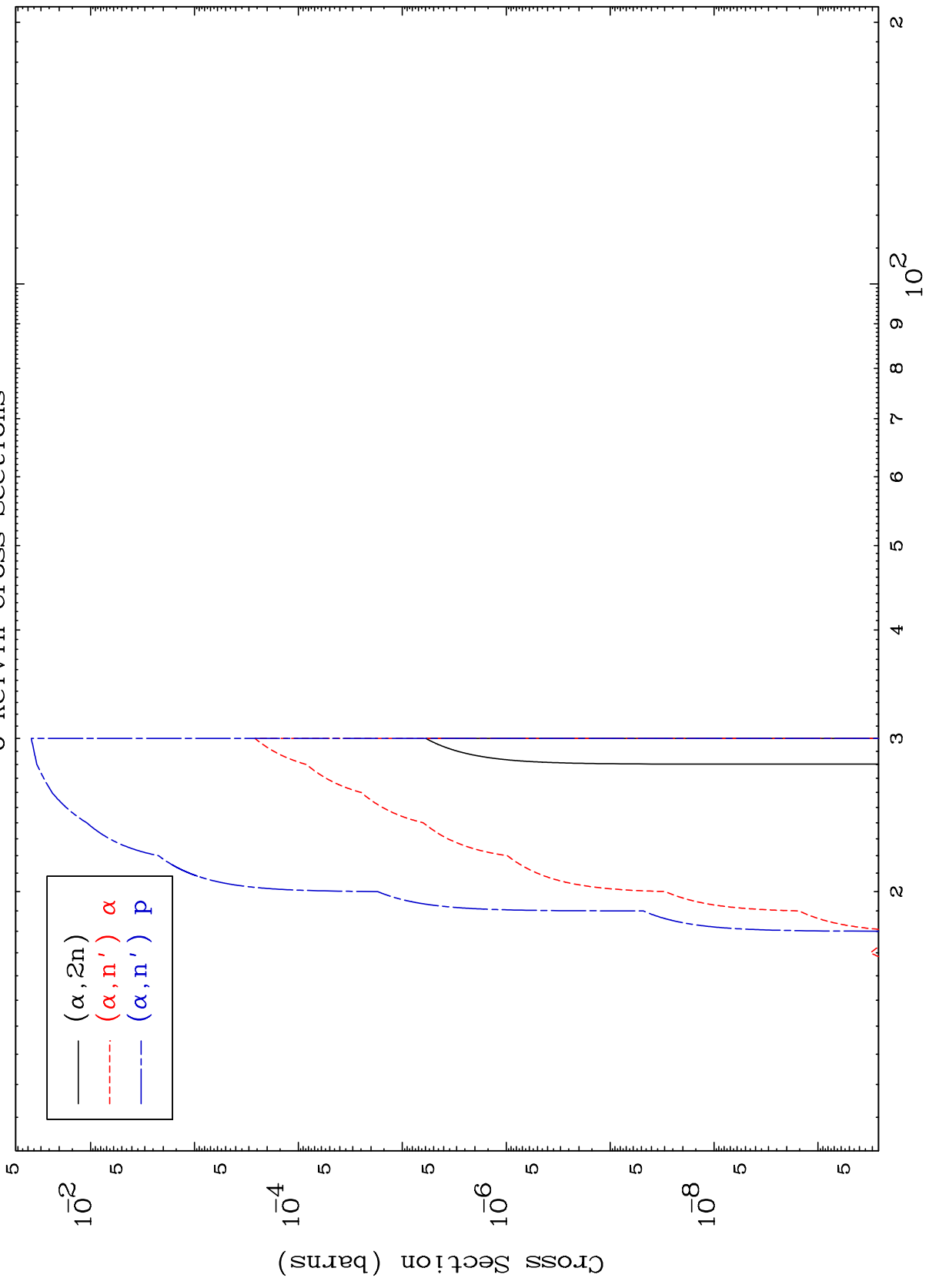
64-Gd-137

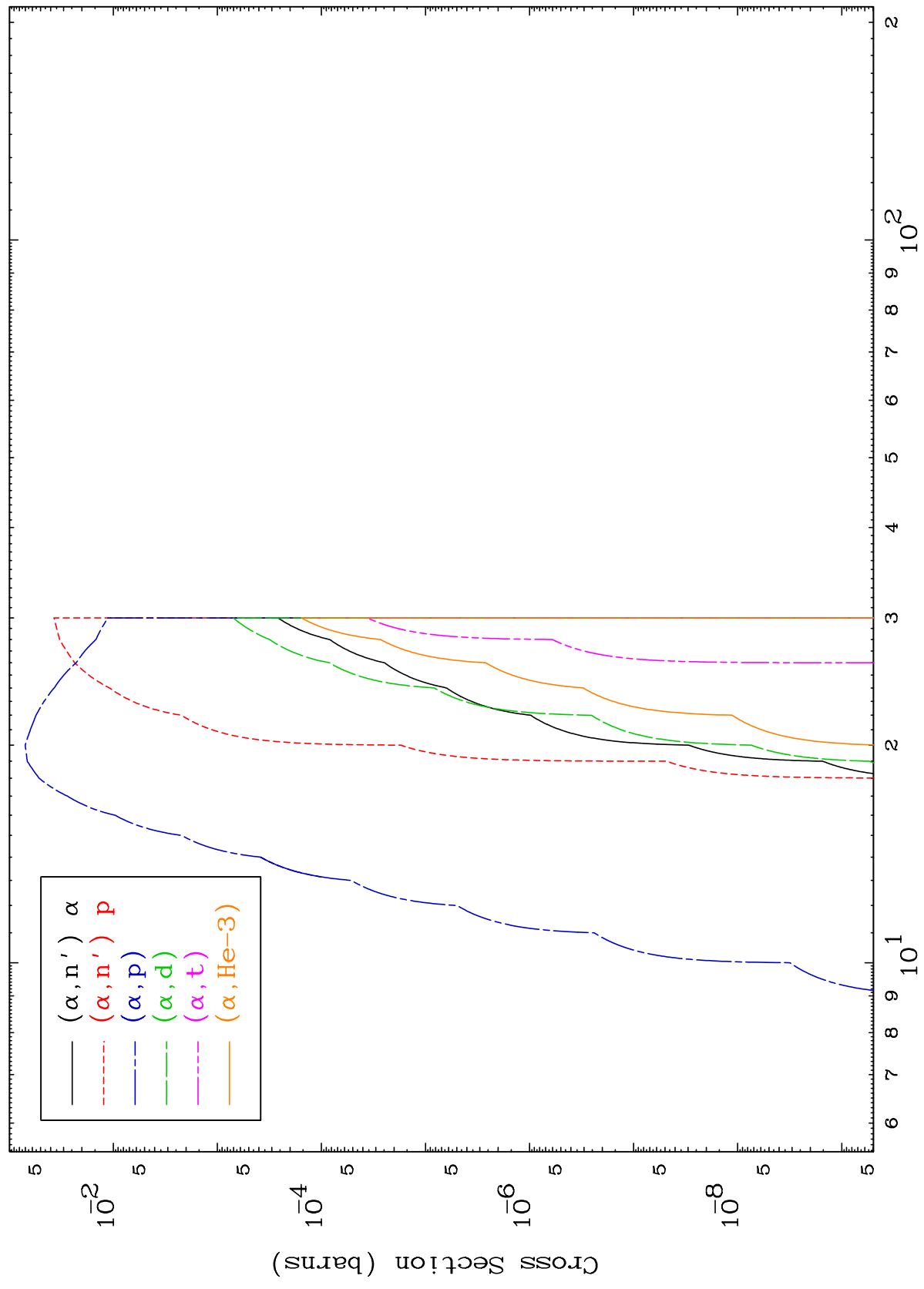


MAT 6380

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

64-Gd-137

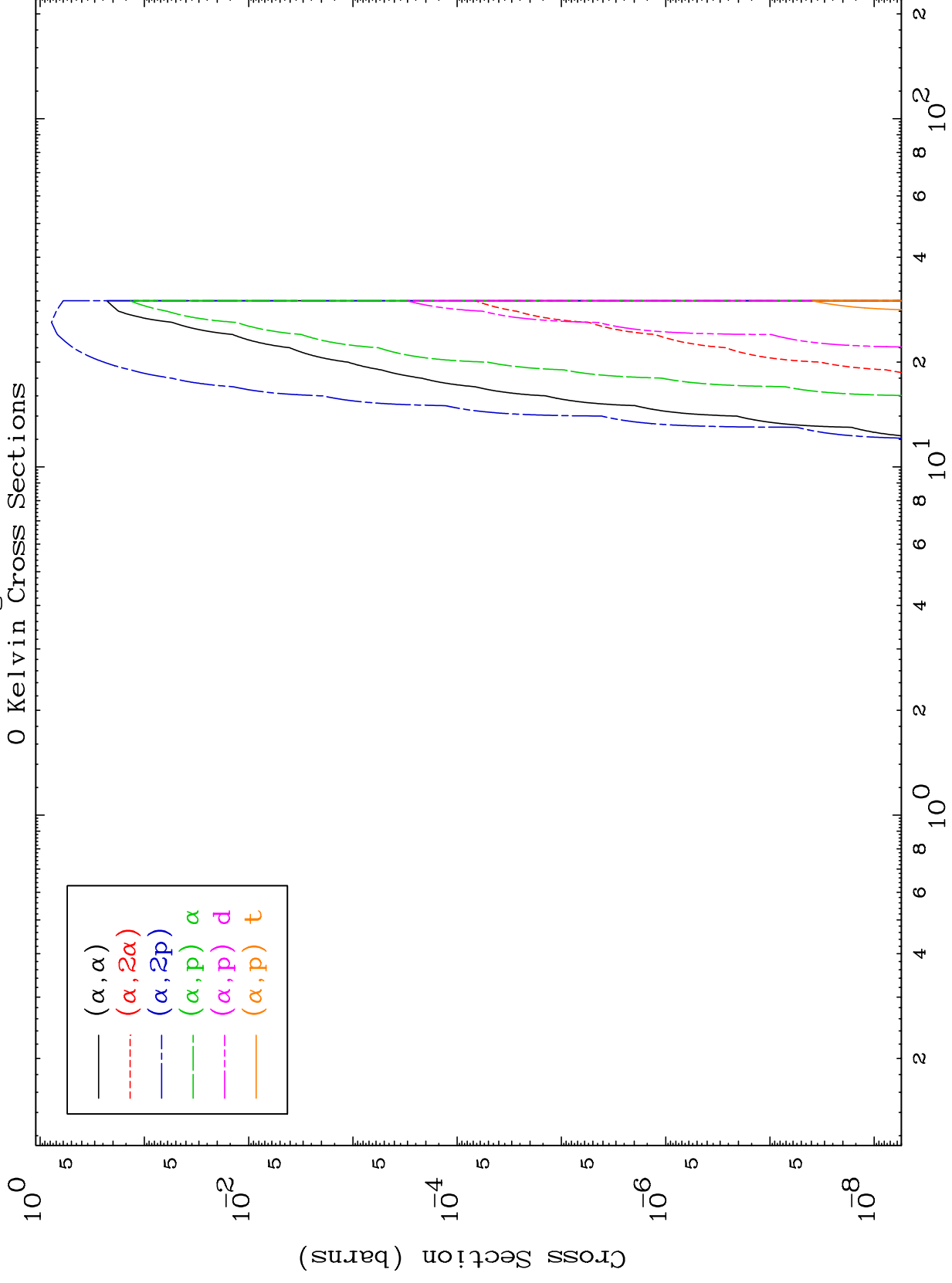




MAT 6380

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

64-Gd-137

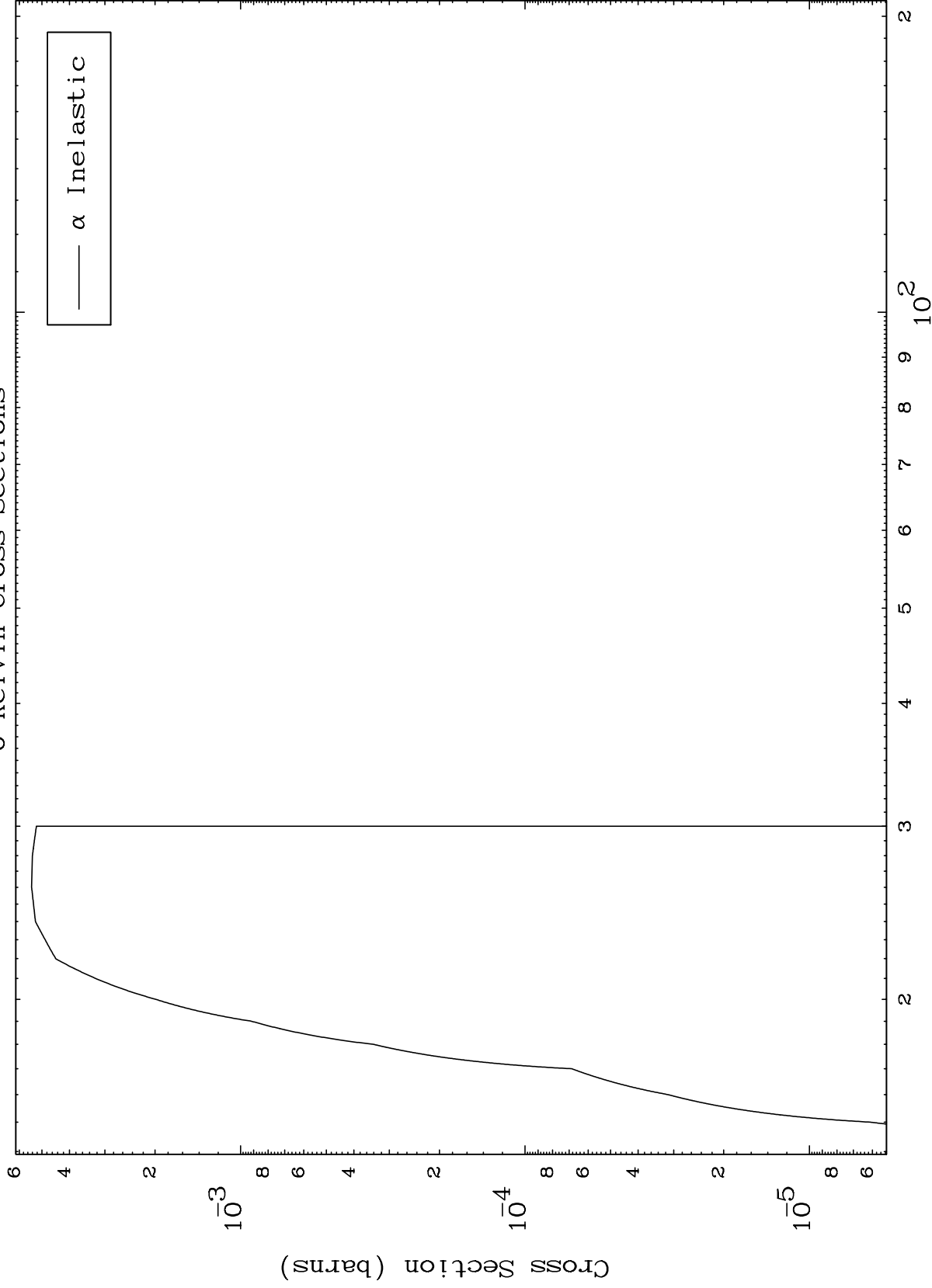


MAT 6380

( $\alpha, n'$ ) Level

64-Gd-137

0 Kelvin Cross Sections



$\alpha$  Inelastic

Incident Energy (MeV)

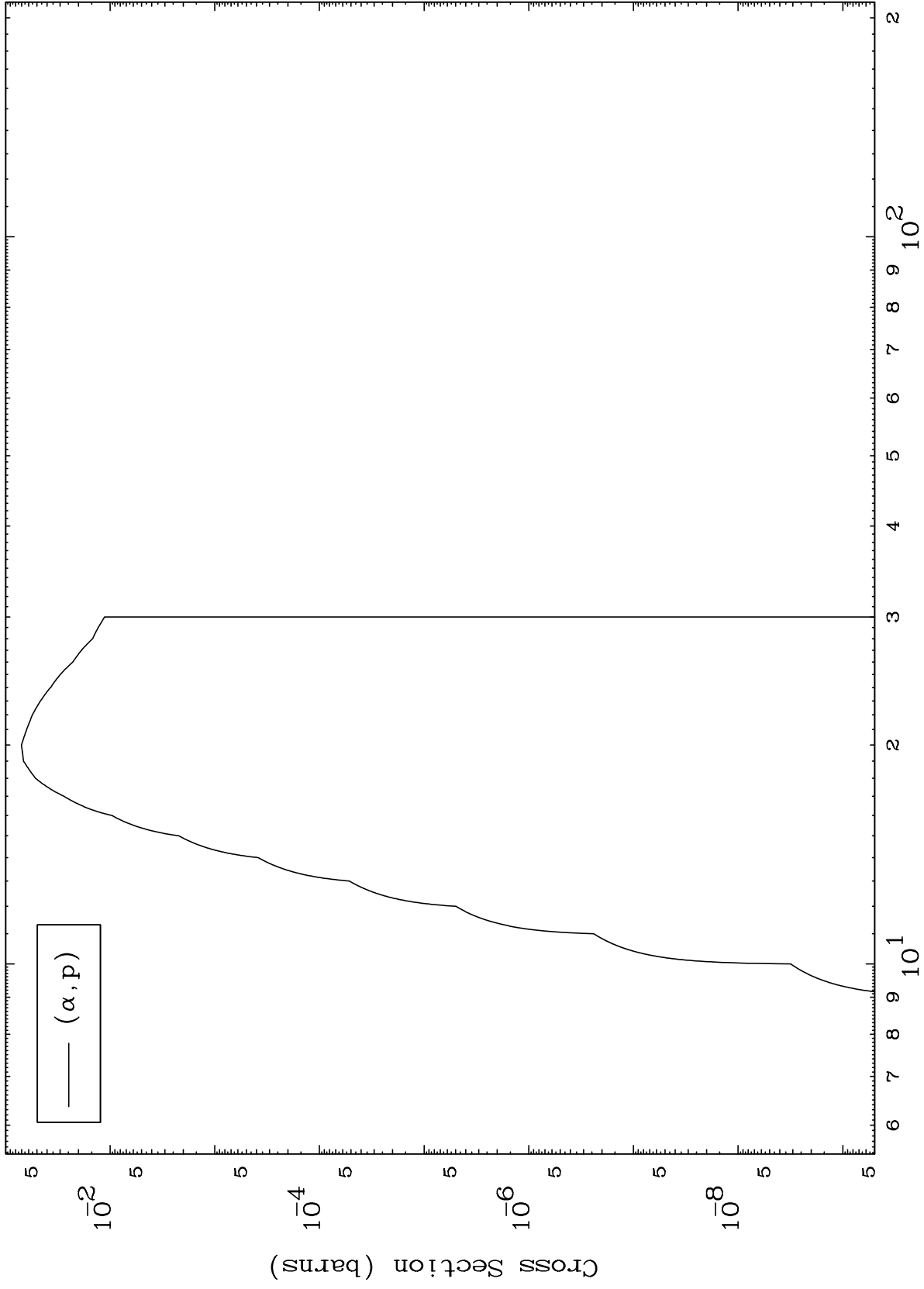
64-Gd-137

5

MAT 6380

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

64-Gd-137



6

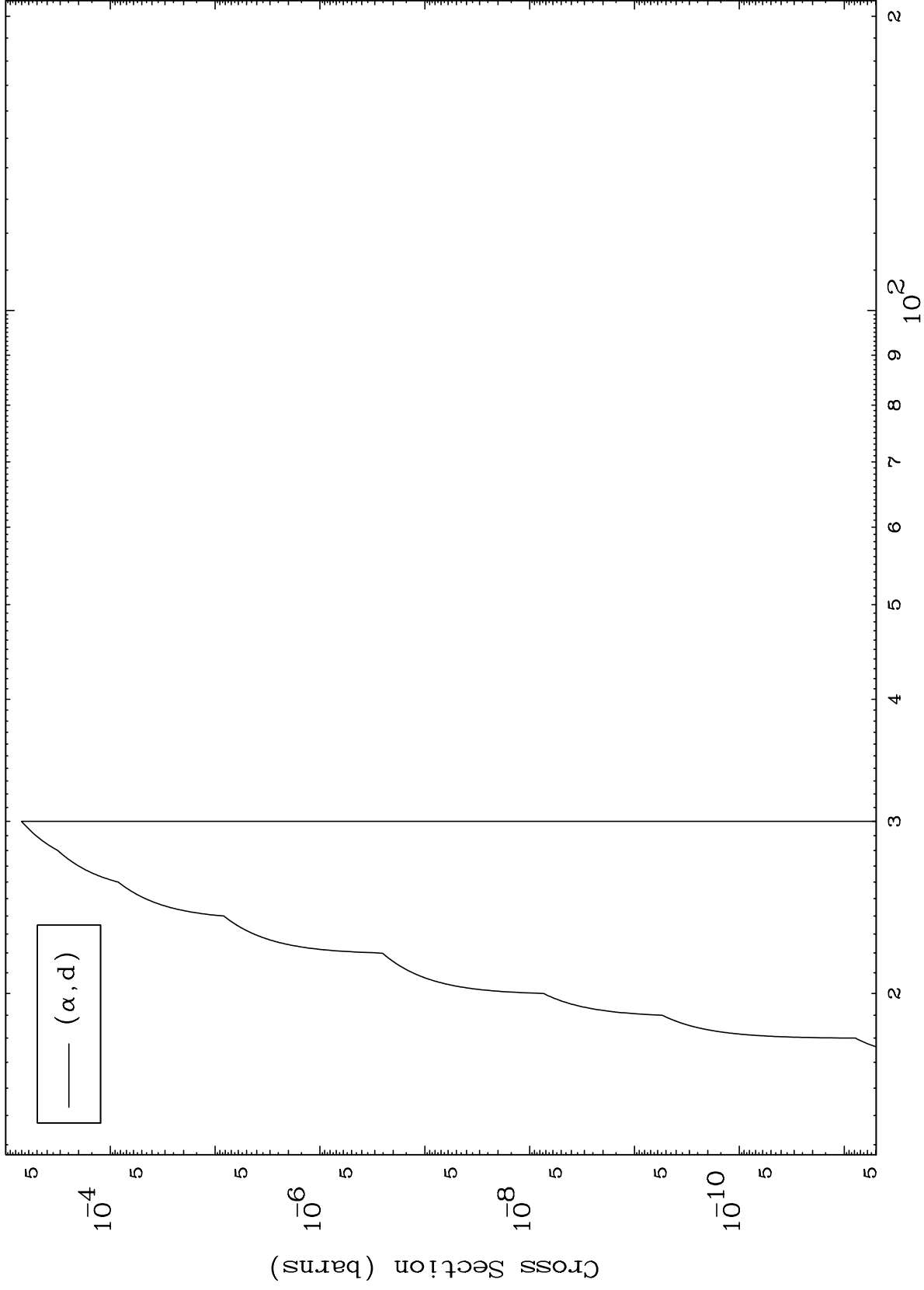
Incident Energy (MeV)

64-Gd-137

MAT 6380

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

64-Gd-137



Incident Energy (MeV)

64-Gd-137

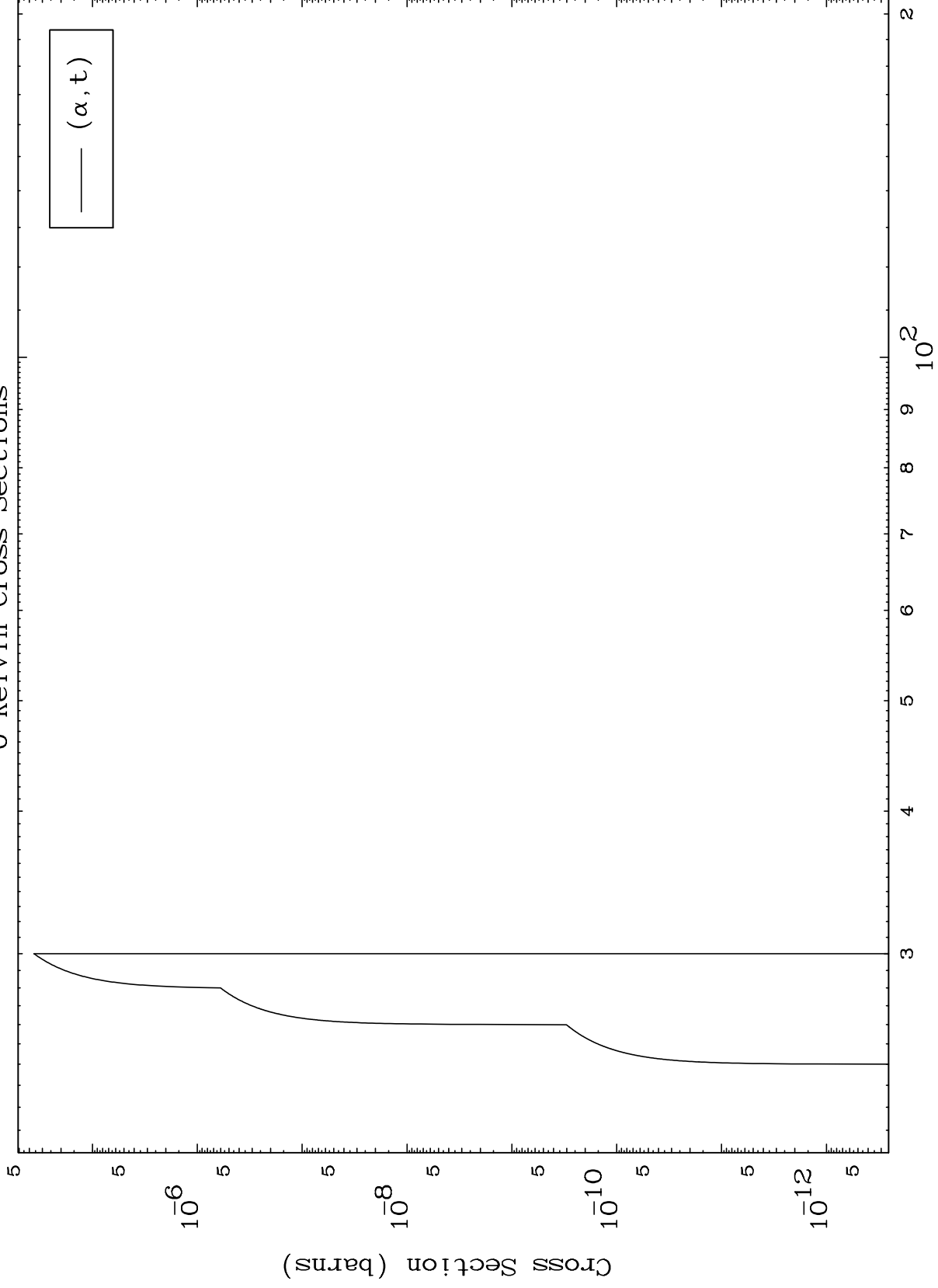
7



MAT 6380

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

64-Gd-137



8

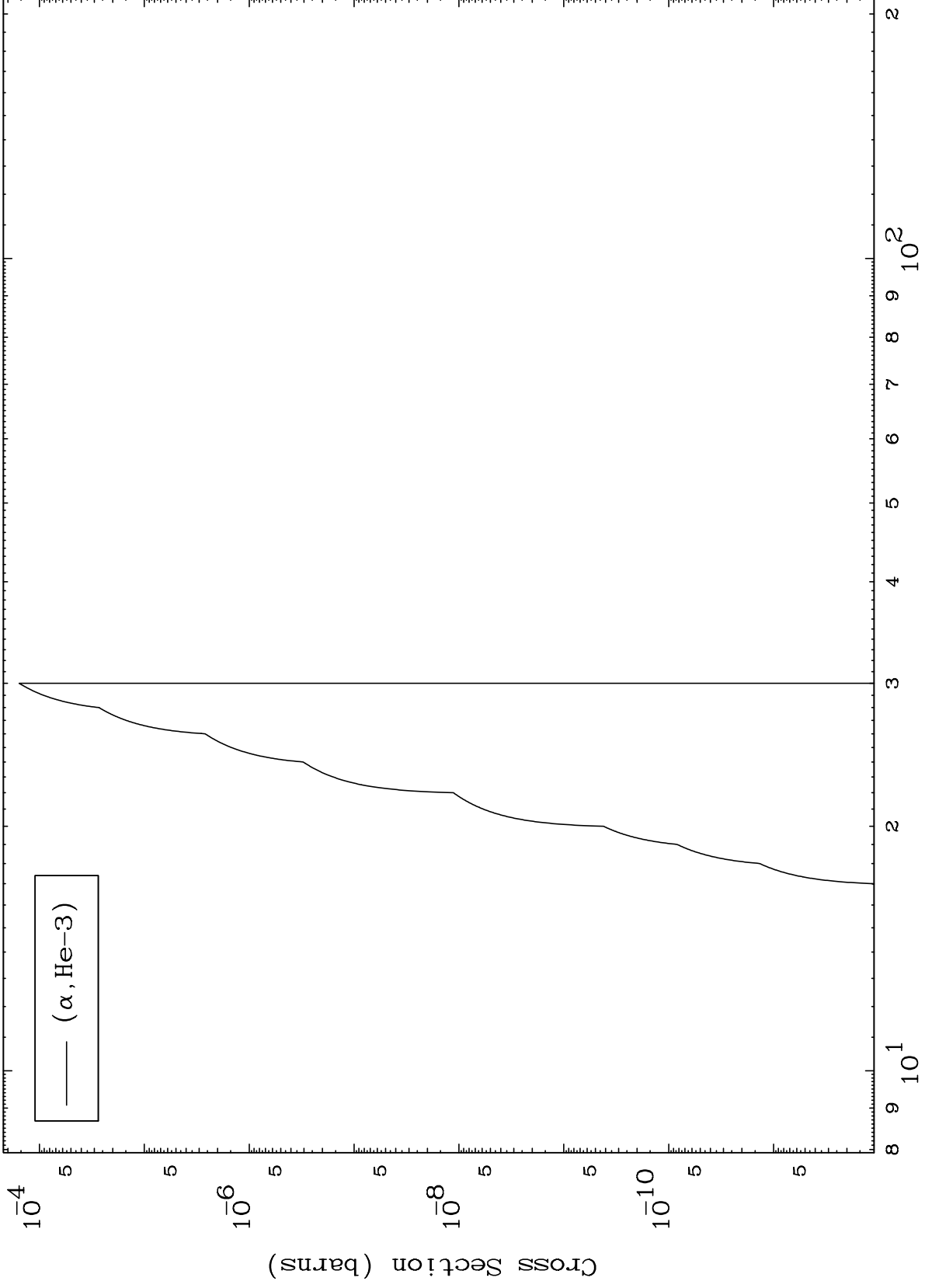
Incident Energy (MeV)

64-Gd-137

MAT 6380

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections

64-Gd-137



9

Incident Energy (MeV)

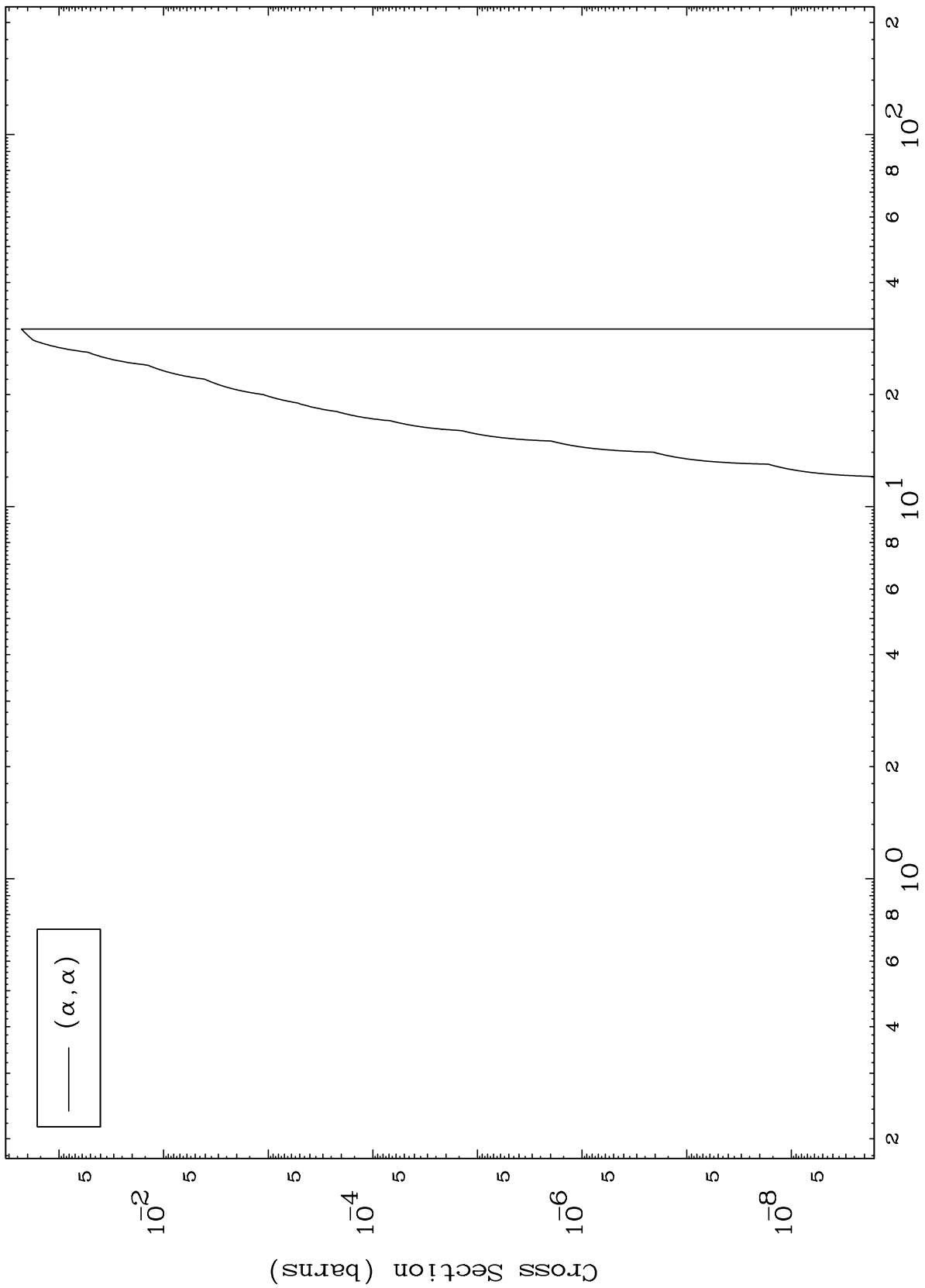
64-Gd-137

MAT 6380

( $\alpha, \alpha$ ) Levels

64-Gd-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

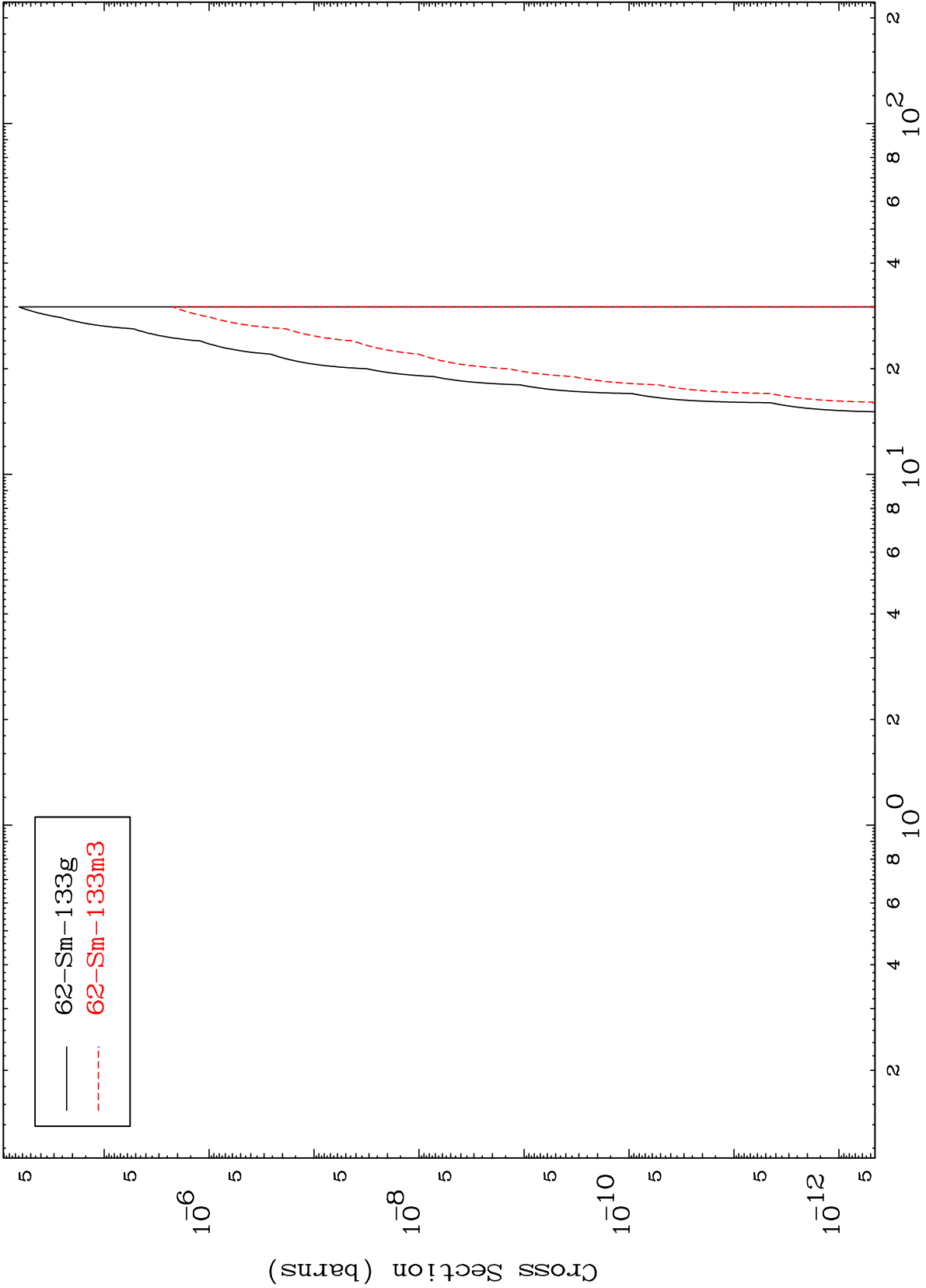
64-Gd-137

MAT 6380

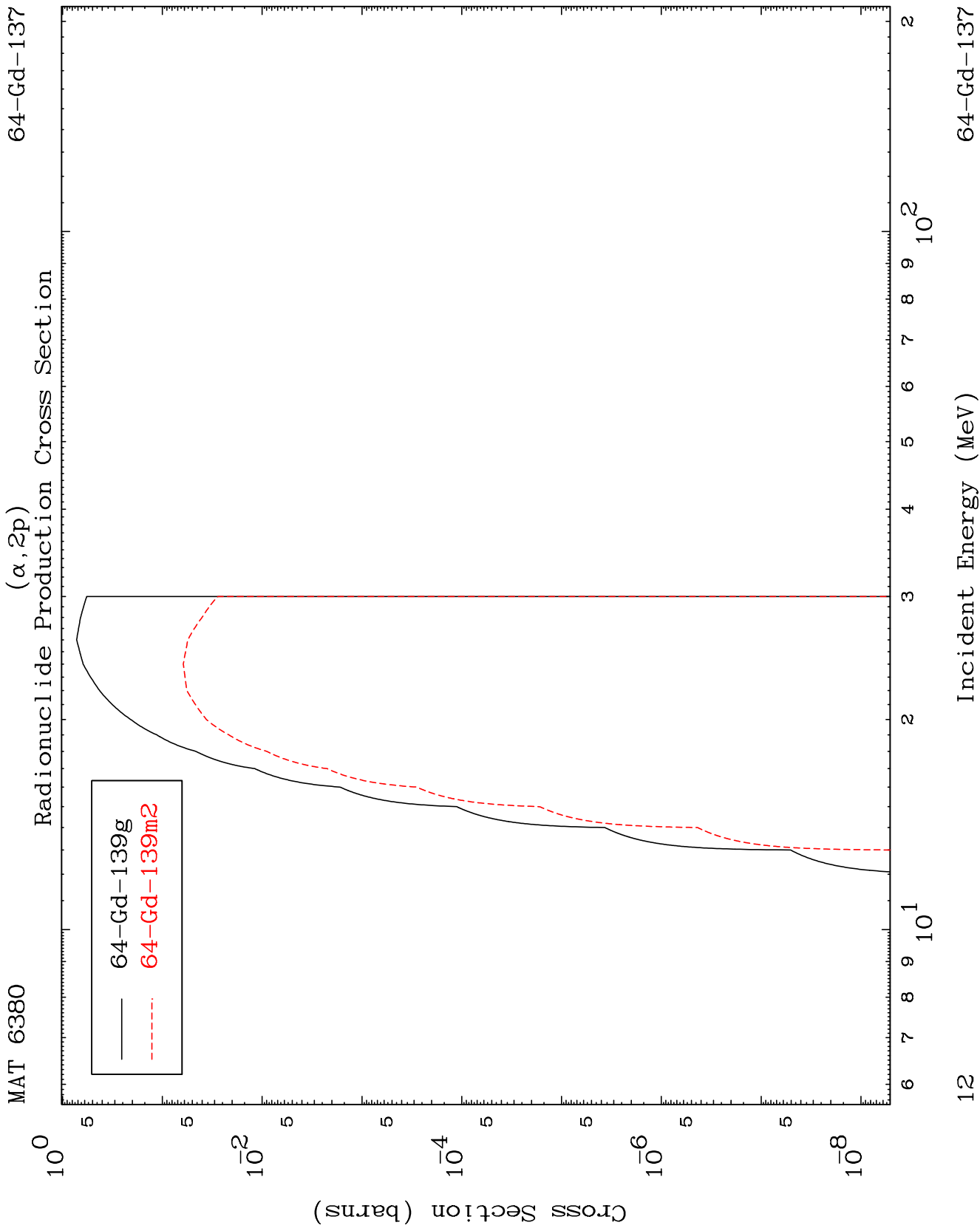
( $\alpha, 2\alpha$ )

64-Gd-137

Radionuclide Production Cross Section



62-Sm-133g  
62-Sm-133m3

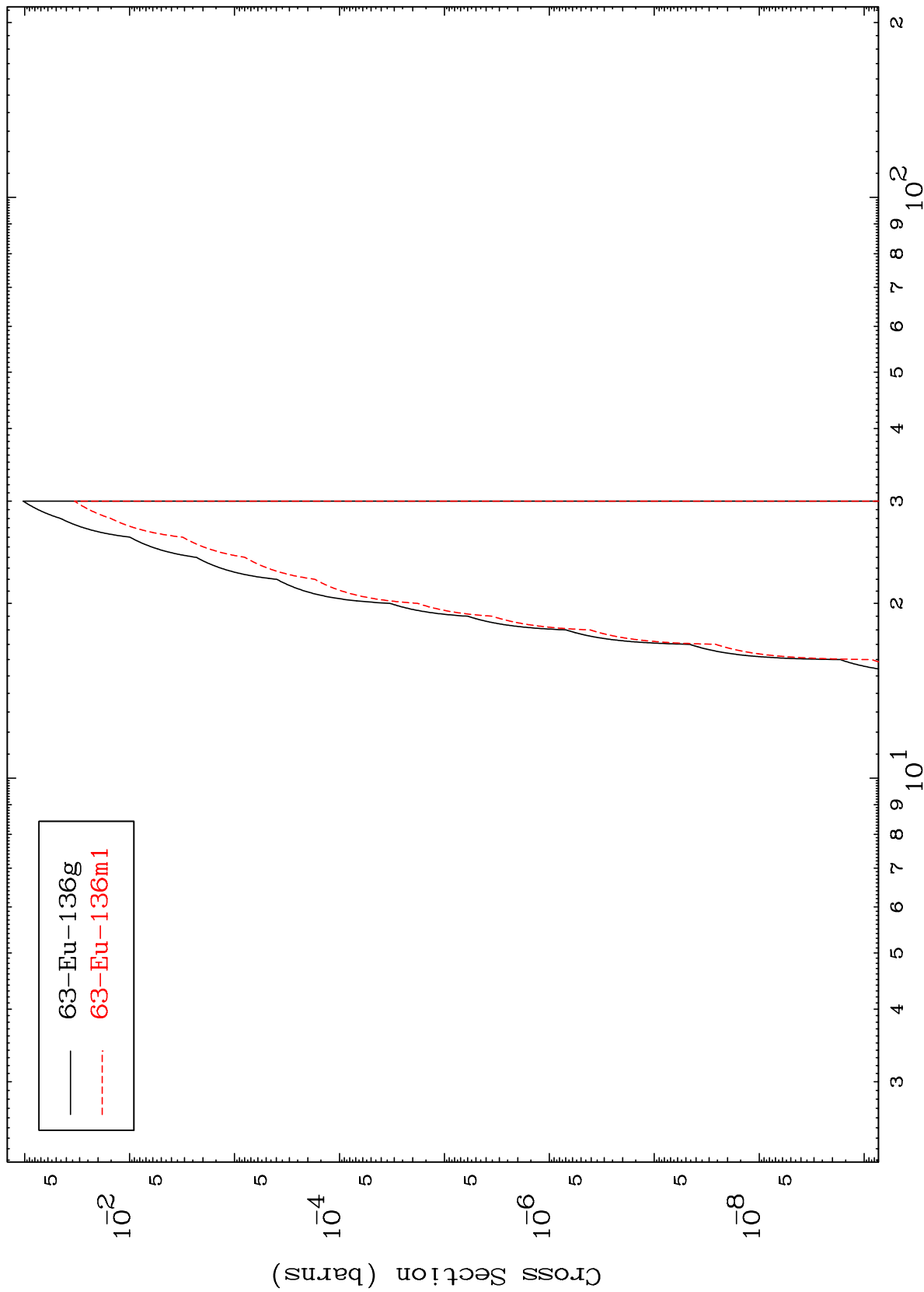


MAT 6380

( $\alpha, p$ )  $\alpha$

64-Gd-137

Radionuclide Production Cross Section



63-Eu-136g  
63-Eu-136m1

13

Incident Energy (MeV)

64-Gd-137