

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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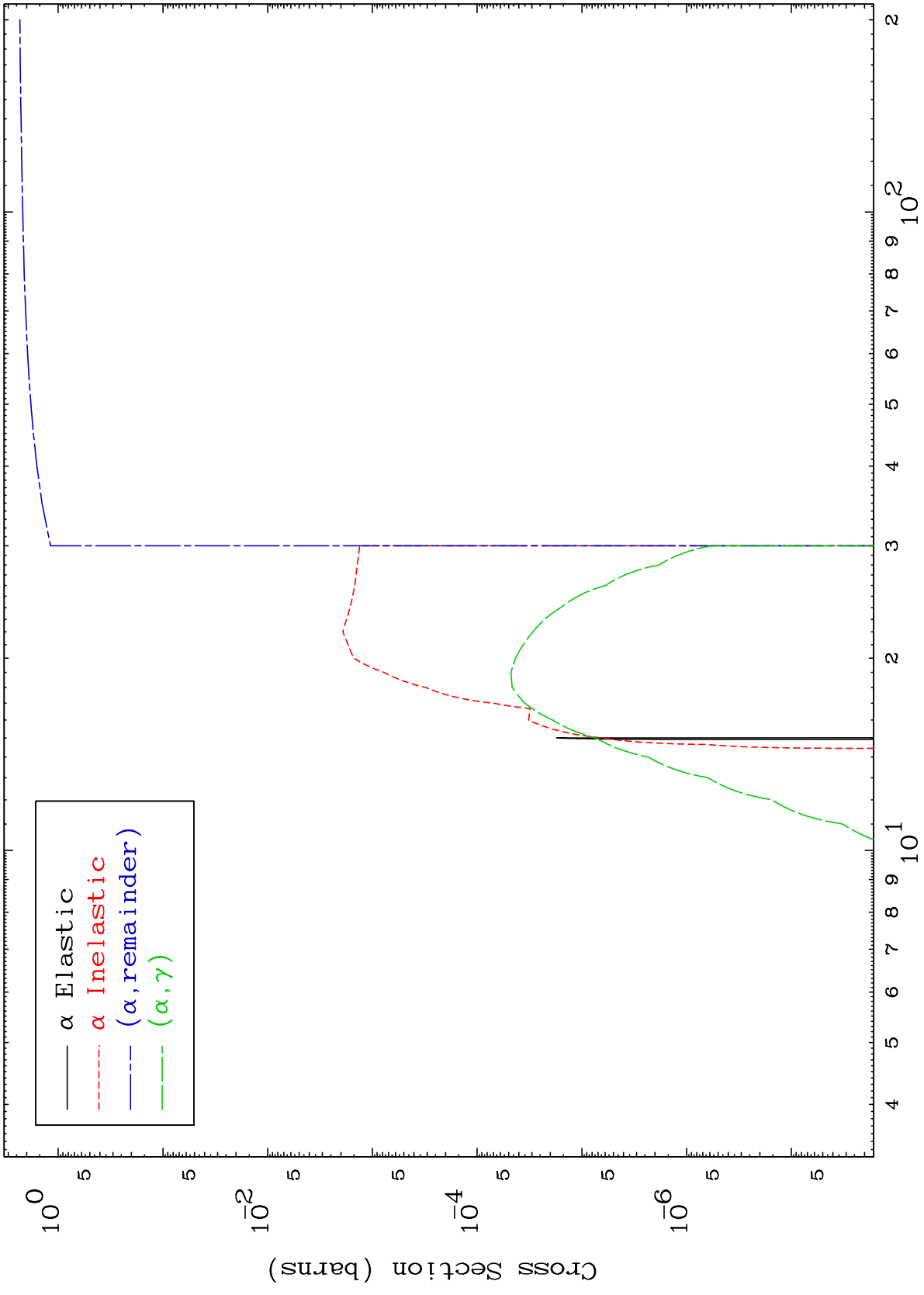
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6380

0 Kelvin  $\alpha$  Major  
Cross Sections

64-Gd-137



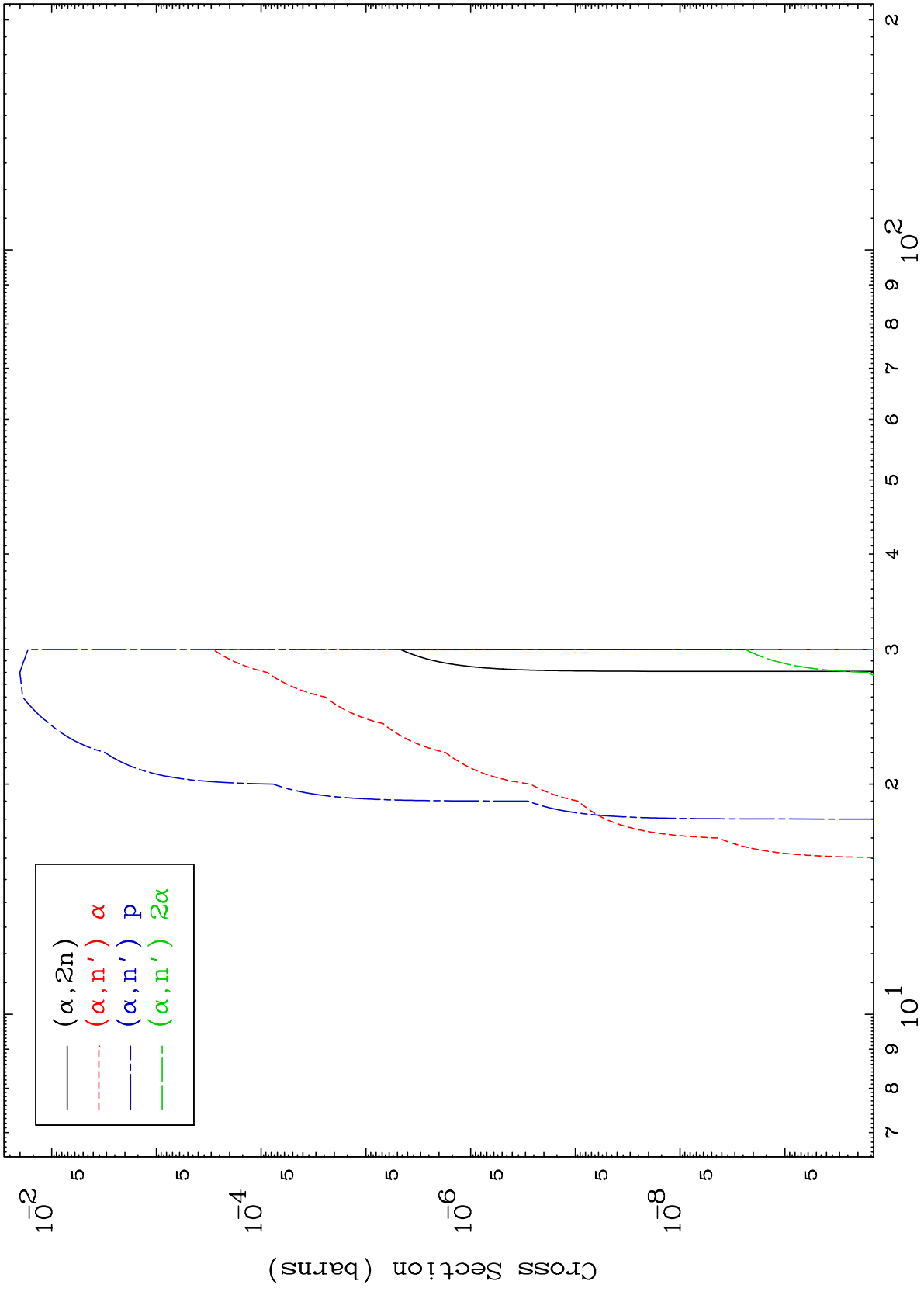
64-Gd-137

Incident Energy (MeV)

MAT 6380

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

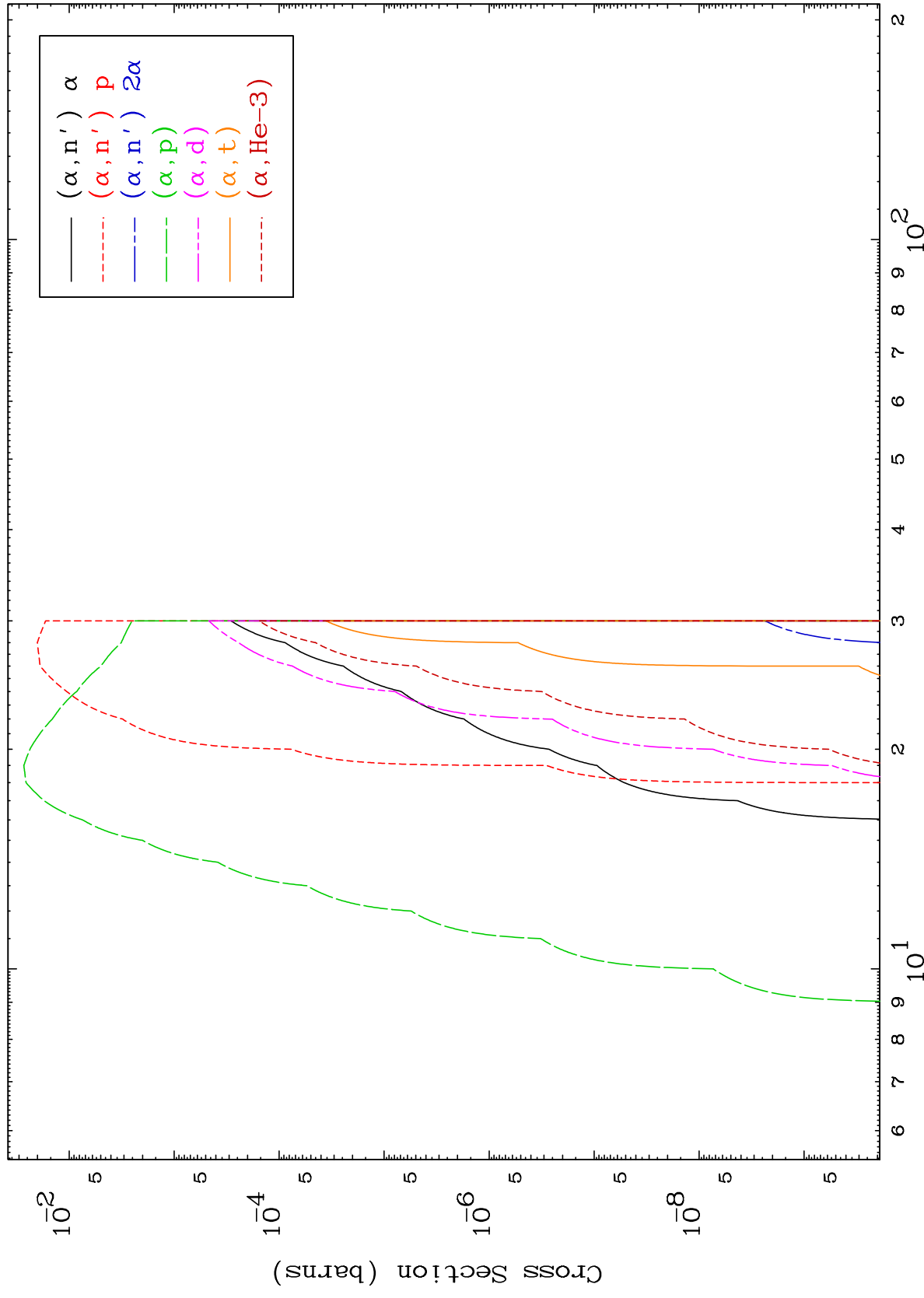
64-Gd-137



2

Incident Energy (MeV)

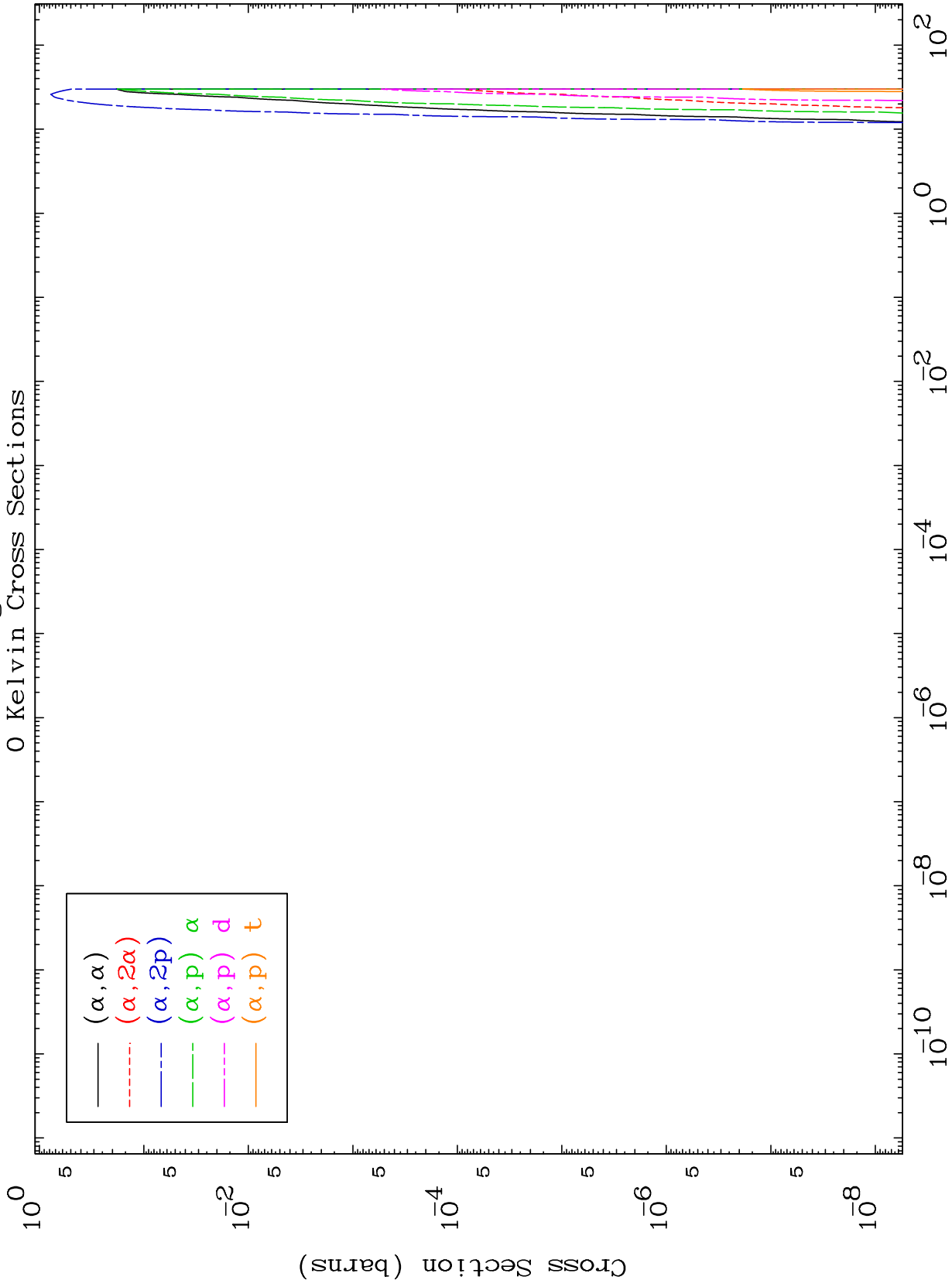
64-Gd-137



MAT 6380

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

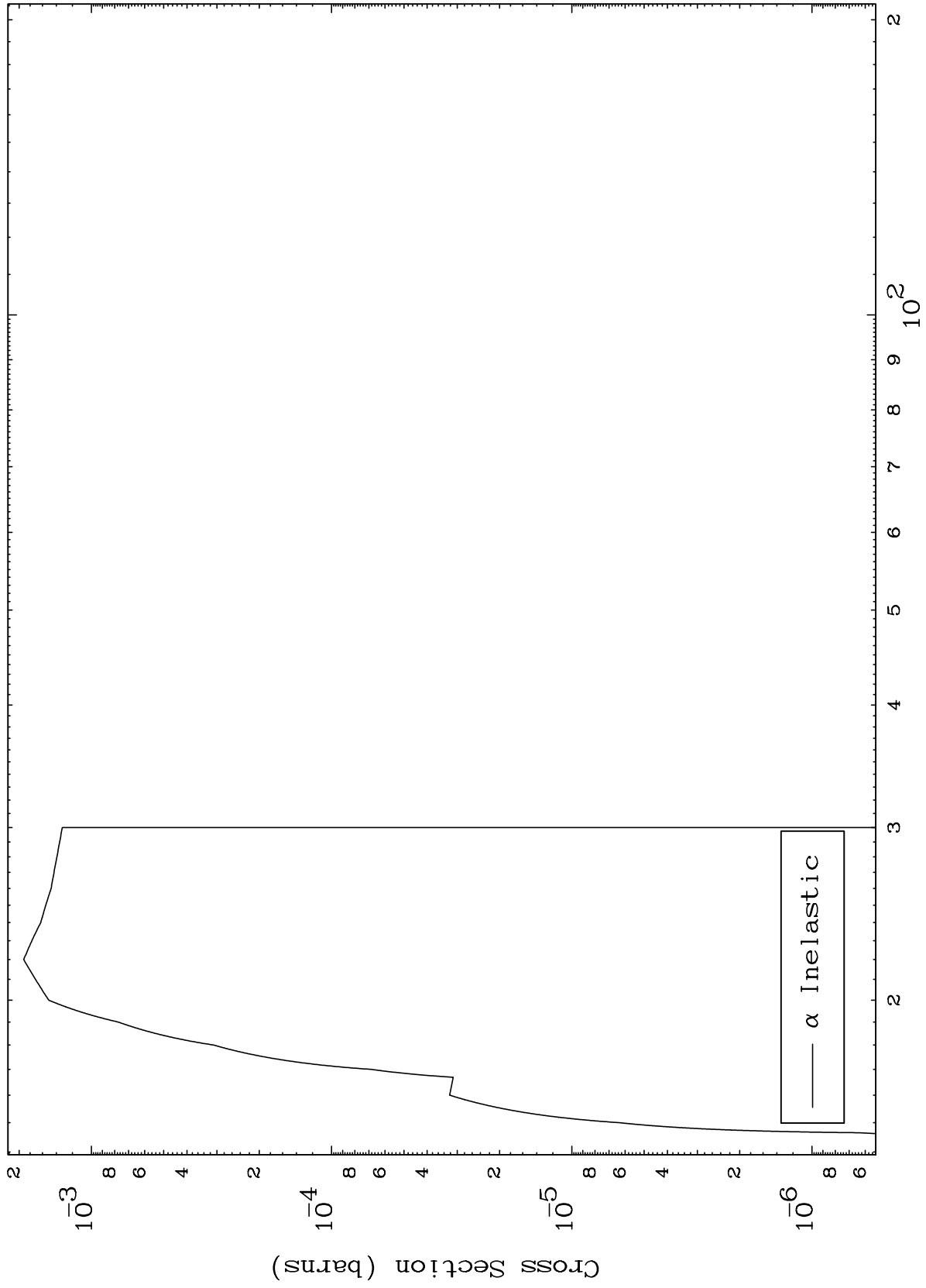
64-Gd-137



MAT 6380

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

64-Gd-137



5

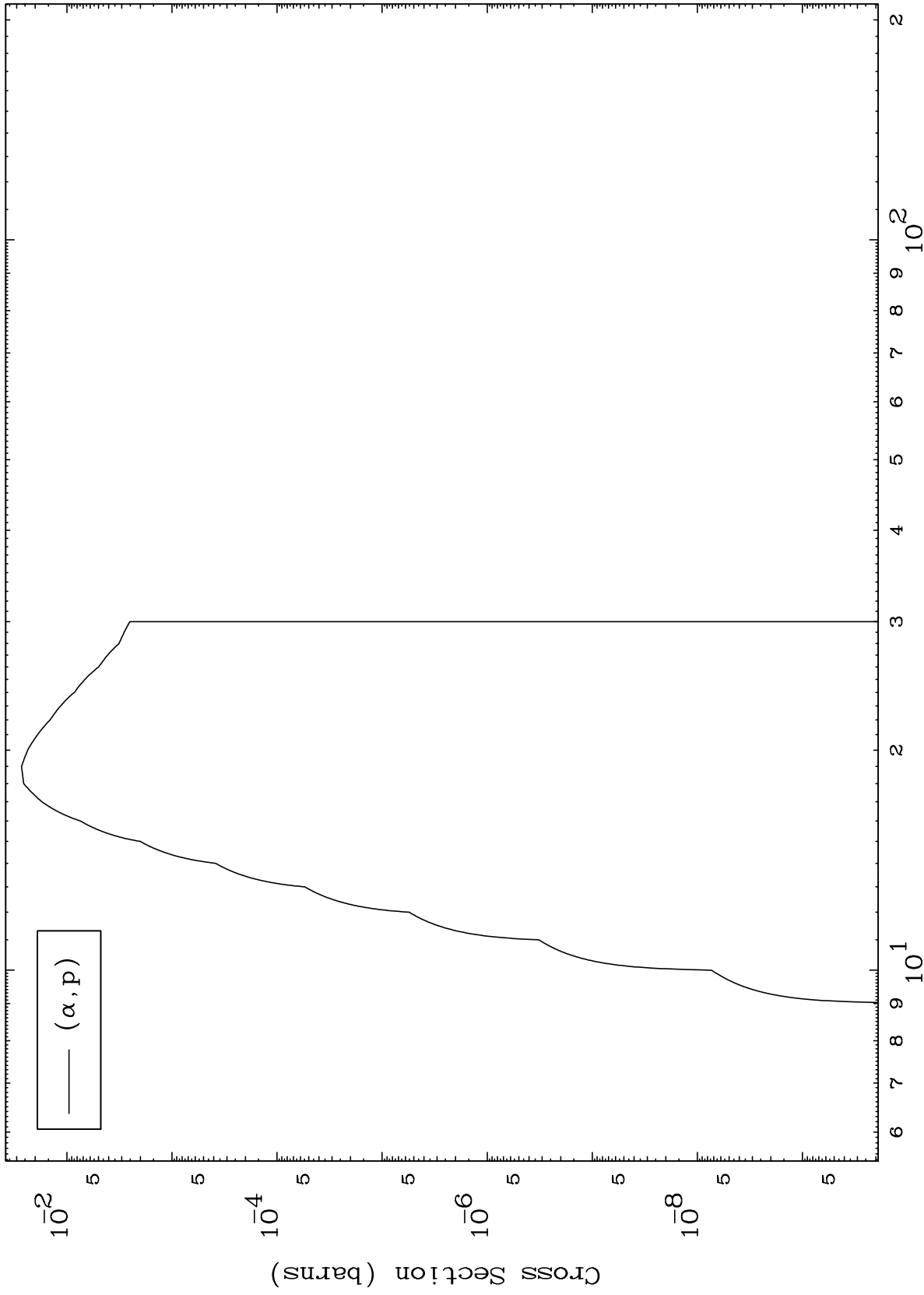
Incident Energy (MeV)

64-Gd-137

MAT 6380

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

64-Gd-137



6

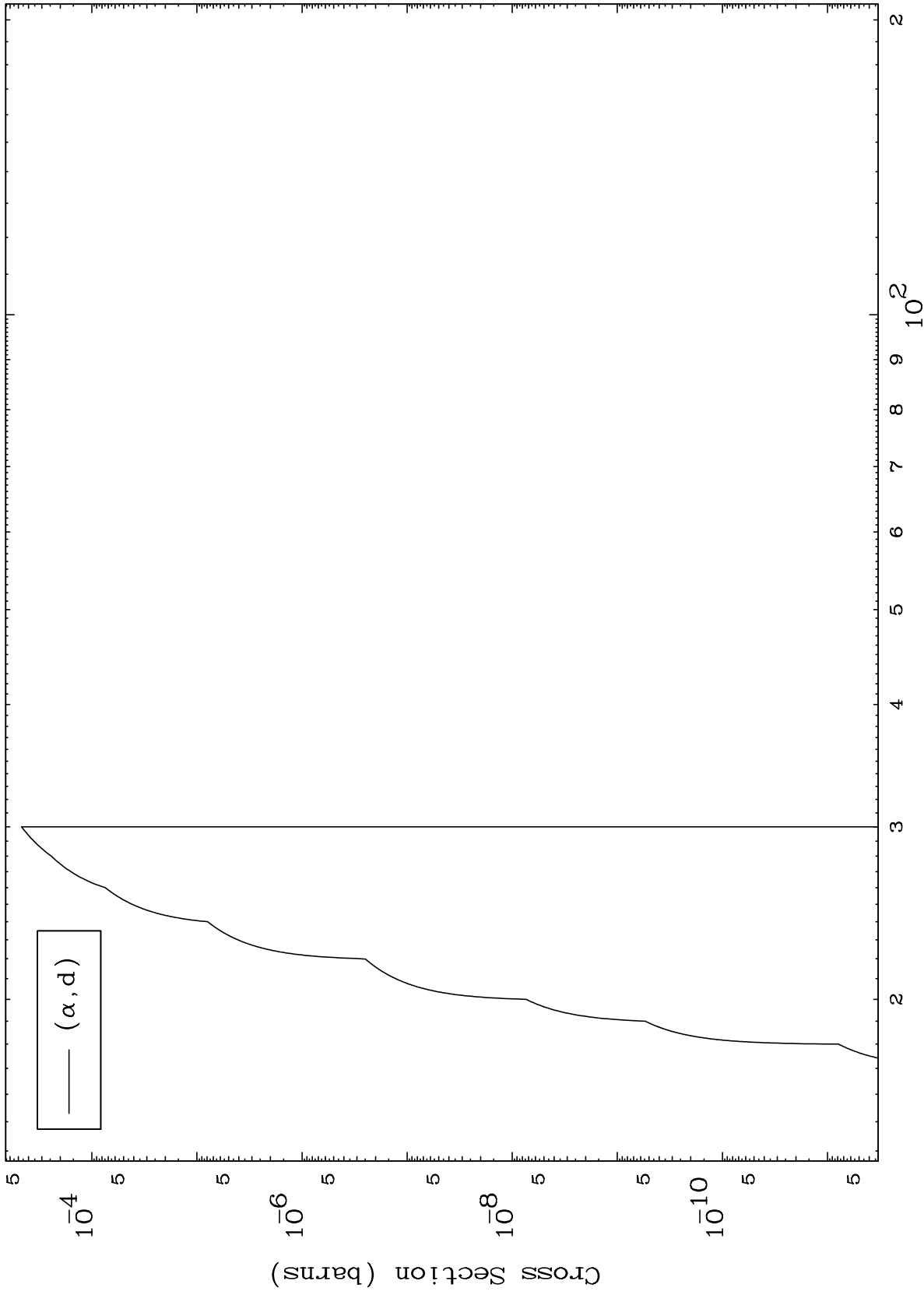
Incident Energy (MeV)

64-Gd-137

MAT 6380

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

64-Gd-137

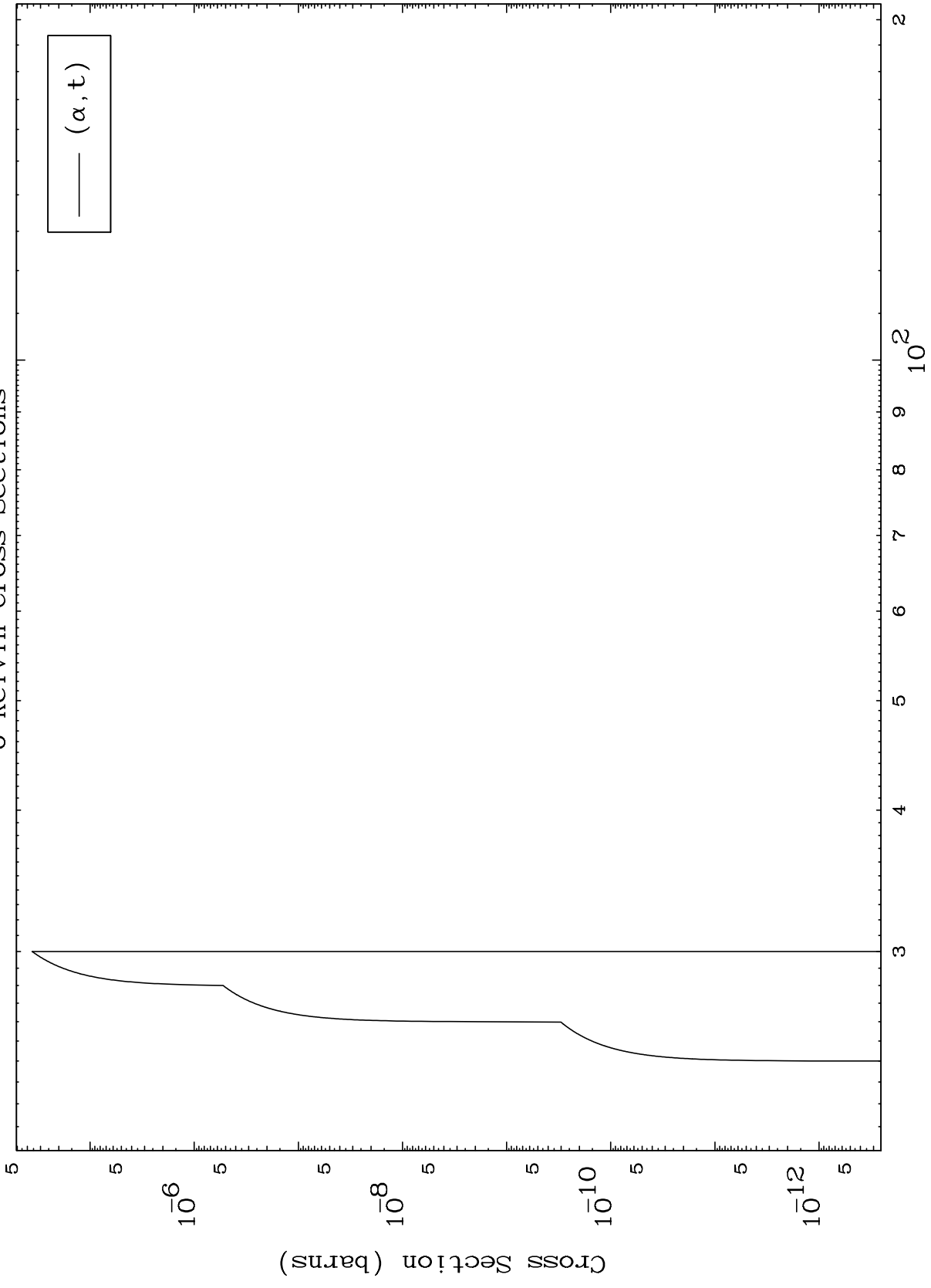




MAT 6380

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

64-Gd-137



8

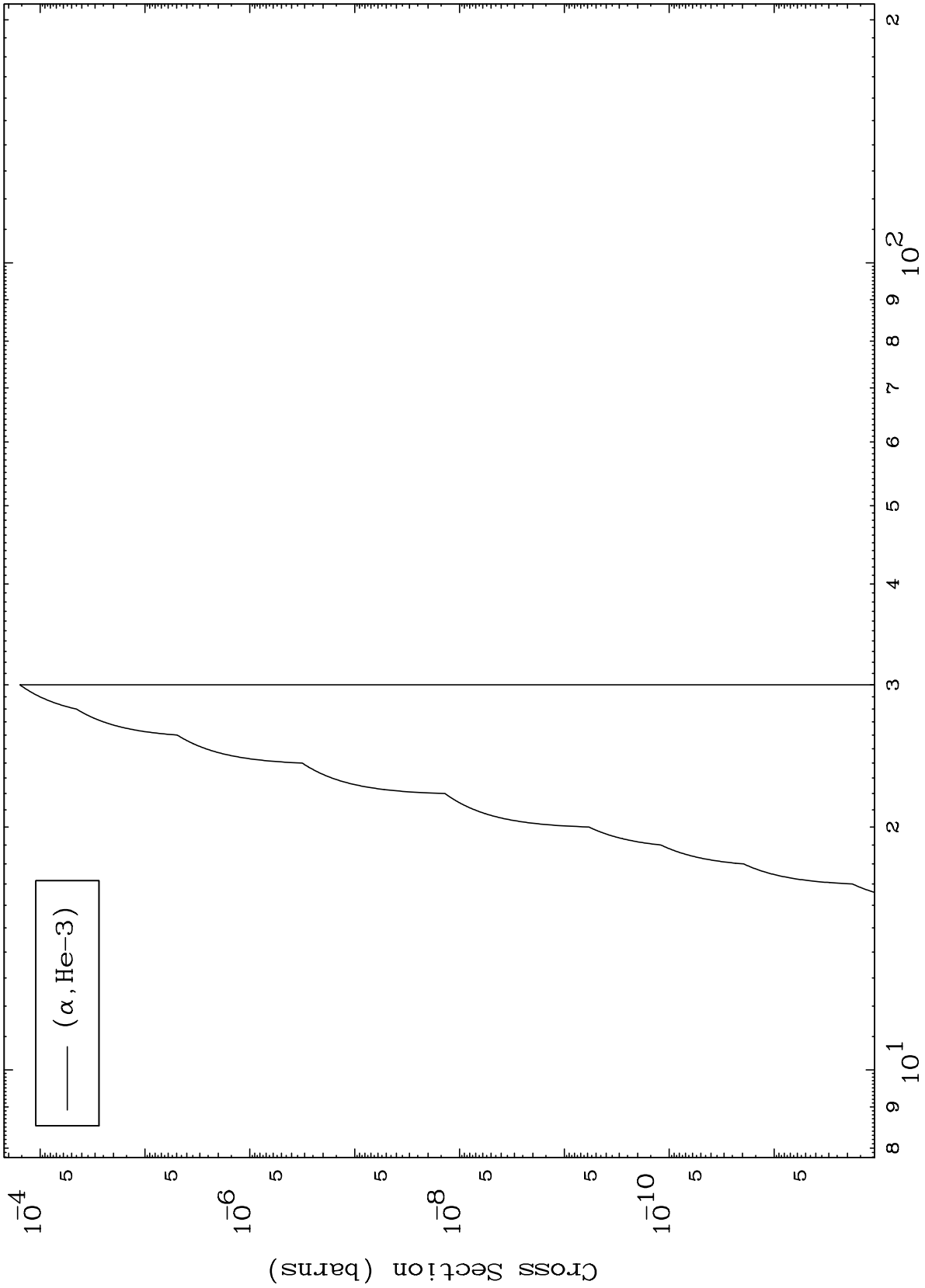
Incident Energy (MeV)

64-Gd-137

MAT 6380

( $\alpha, \text{He}^3$ ) Levels  
0 Kelvin Cross Sections

64-Gd-137



9

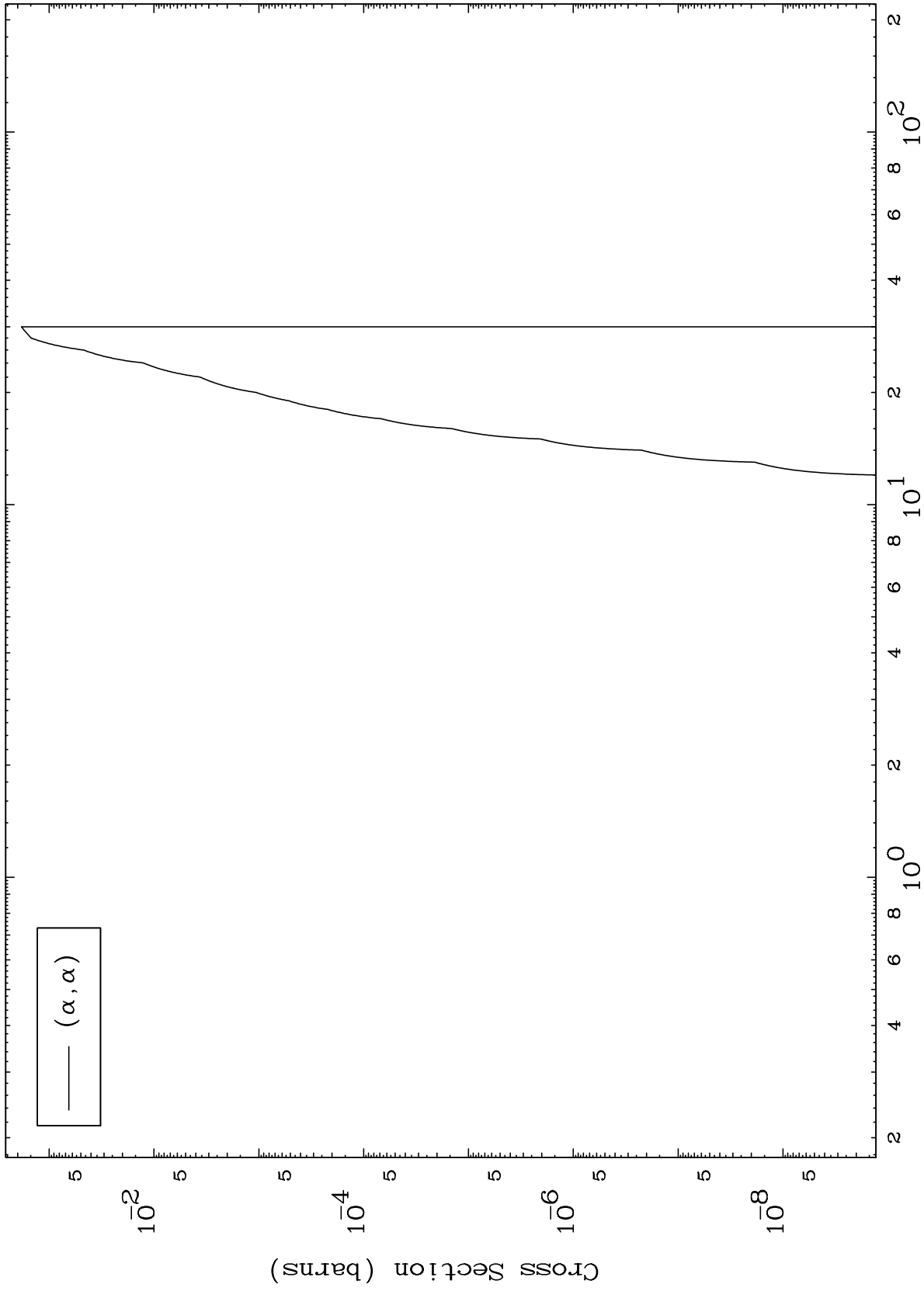
Incident Energy (MeV)

64-Gd-137

MAT 6380

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

64-Gd-137



10

Incident Energy (MeV)

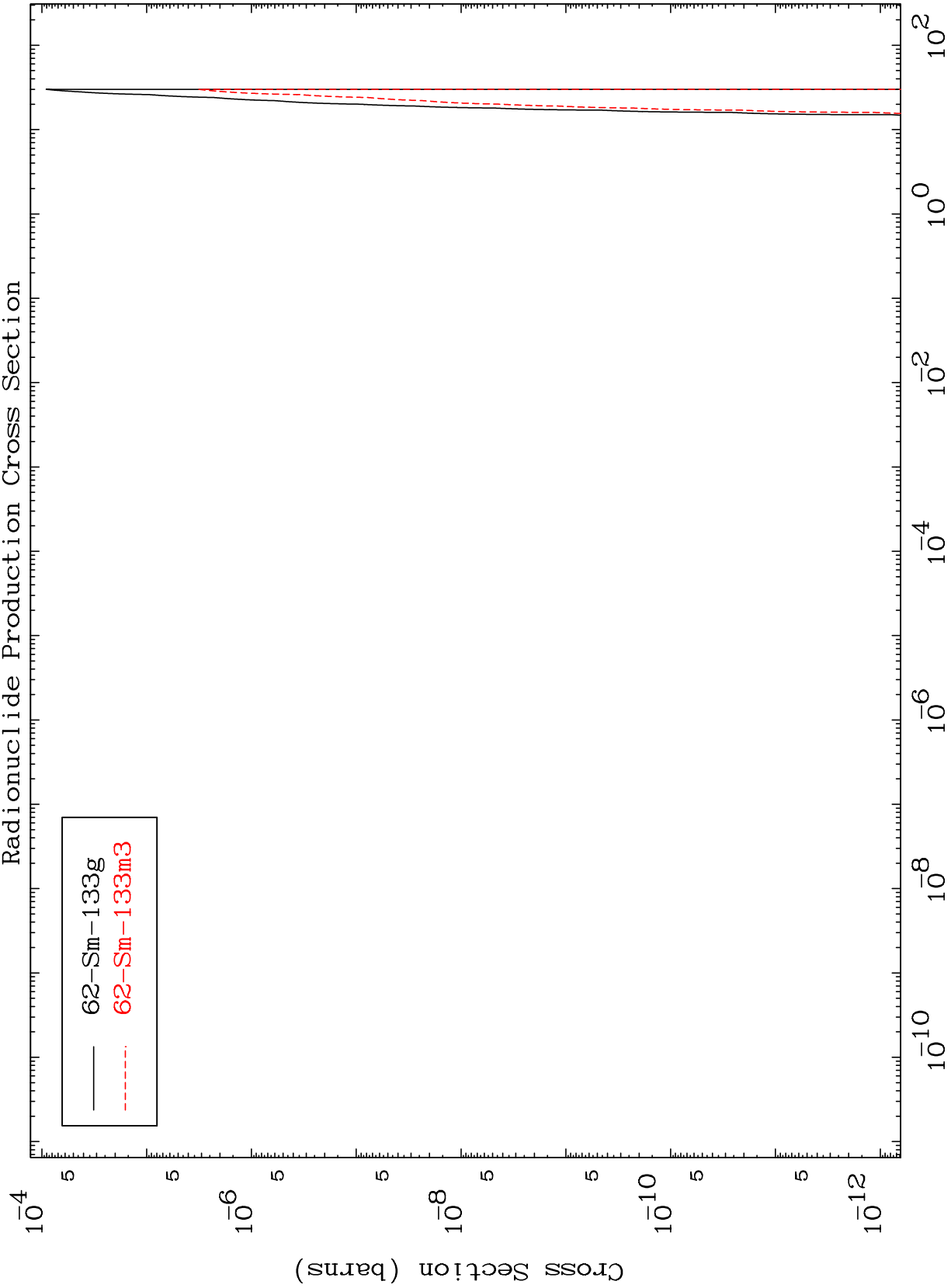
64-Gd-137

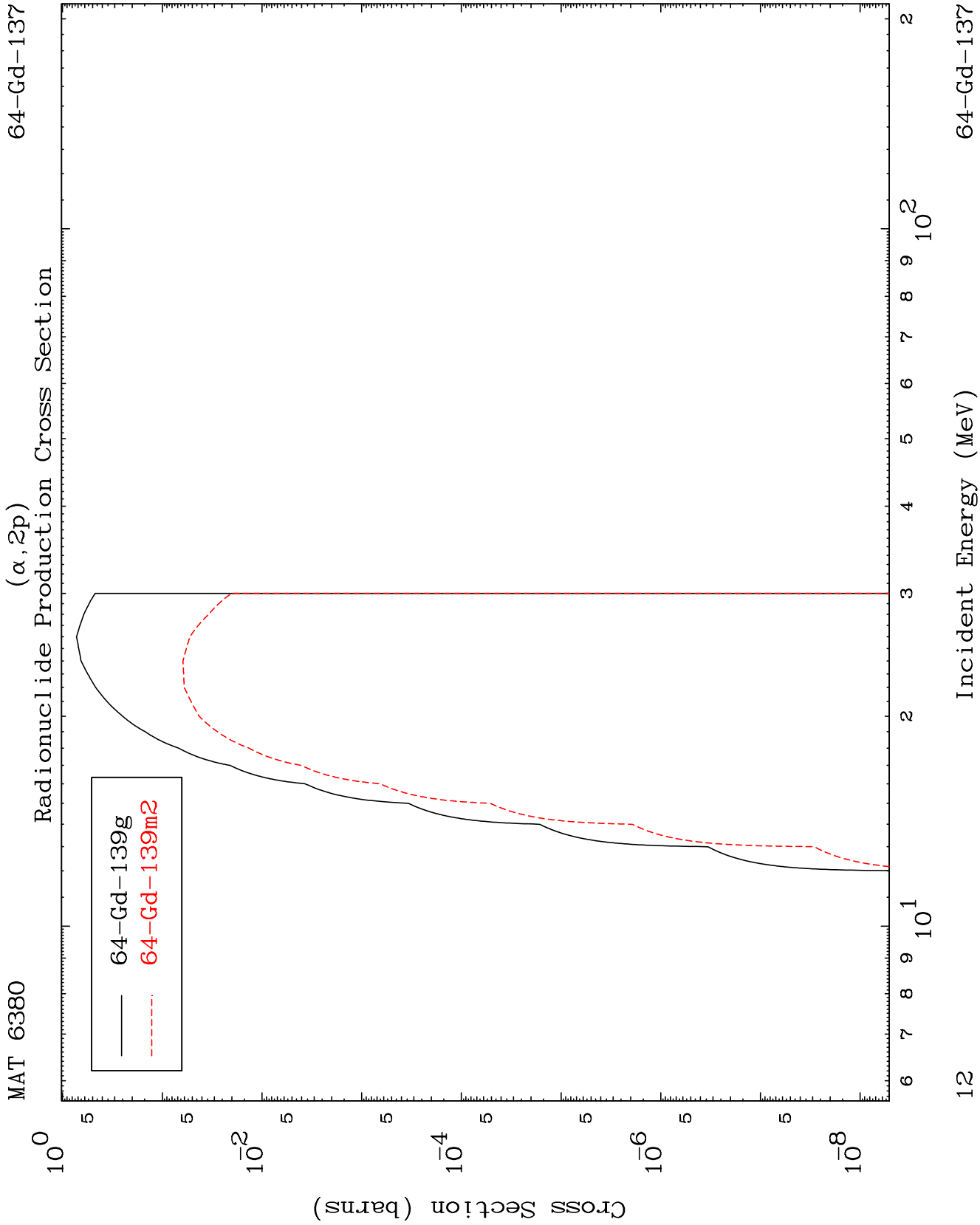
MAT 6380

( $\alpha, 2\alpha$ )

64-Gd-137

Radionuclide Production Cross Section



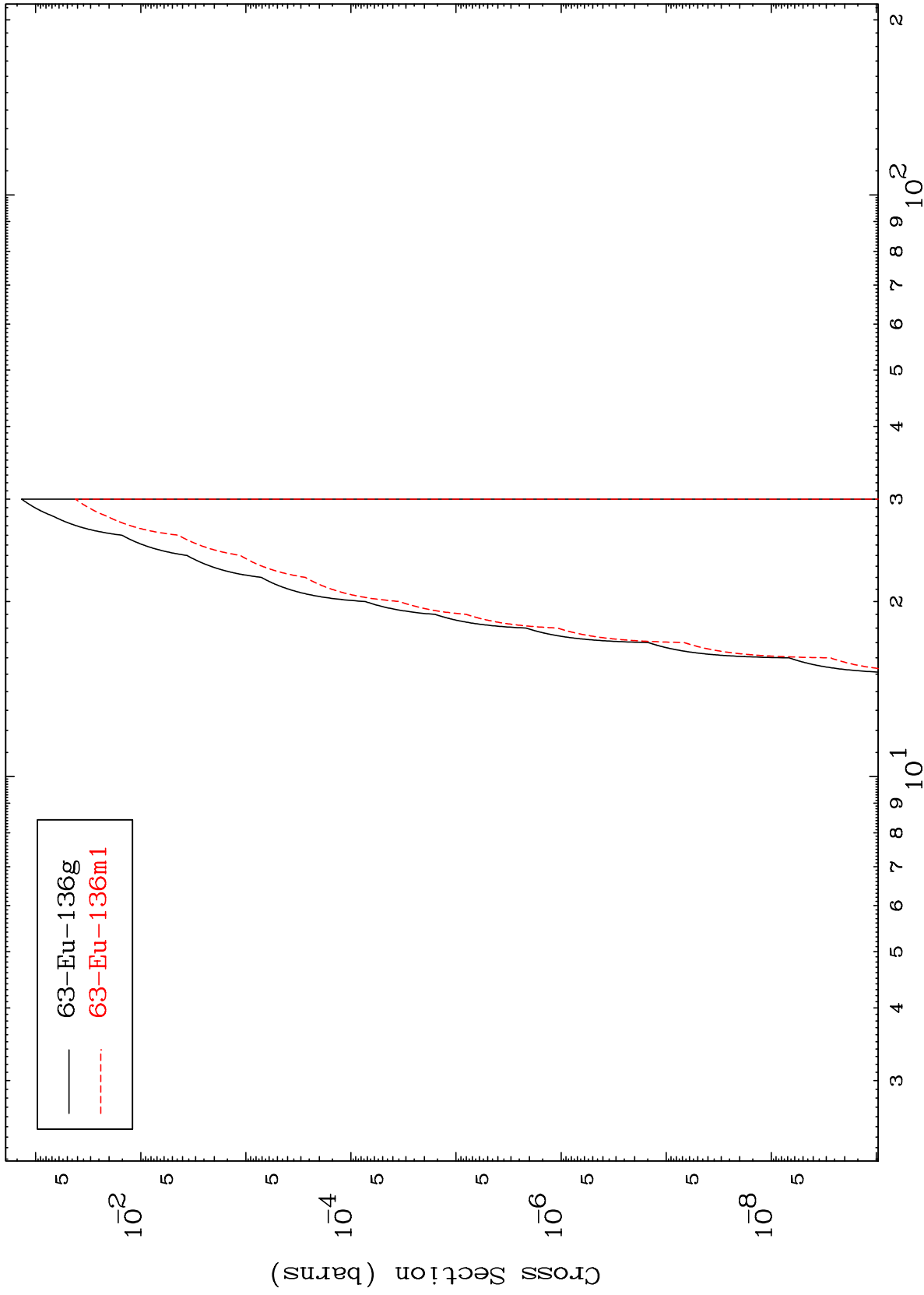


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( $\alpha, p$ )  $\alpha$

64-Gd-137

Radionuclide Production Cross Section



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Incident Energy (MeV)

64-Gd-137