

Program EVALPLOT  
(Version 2018-1)

by

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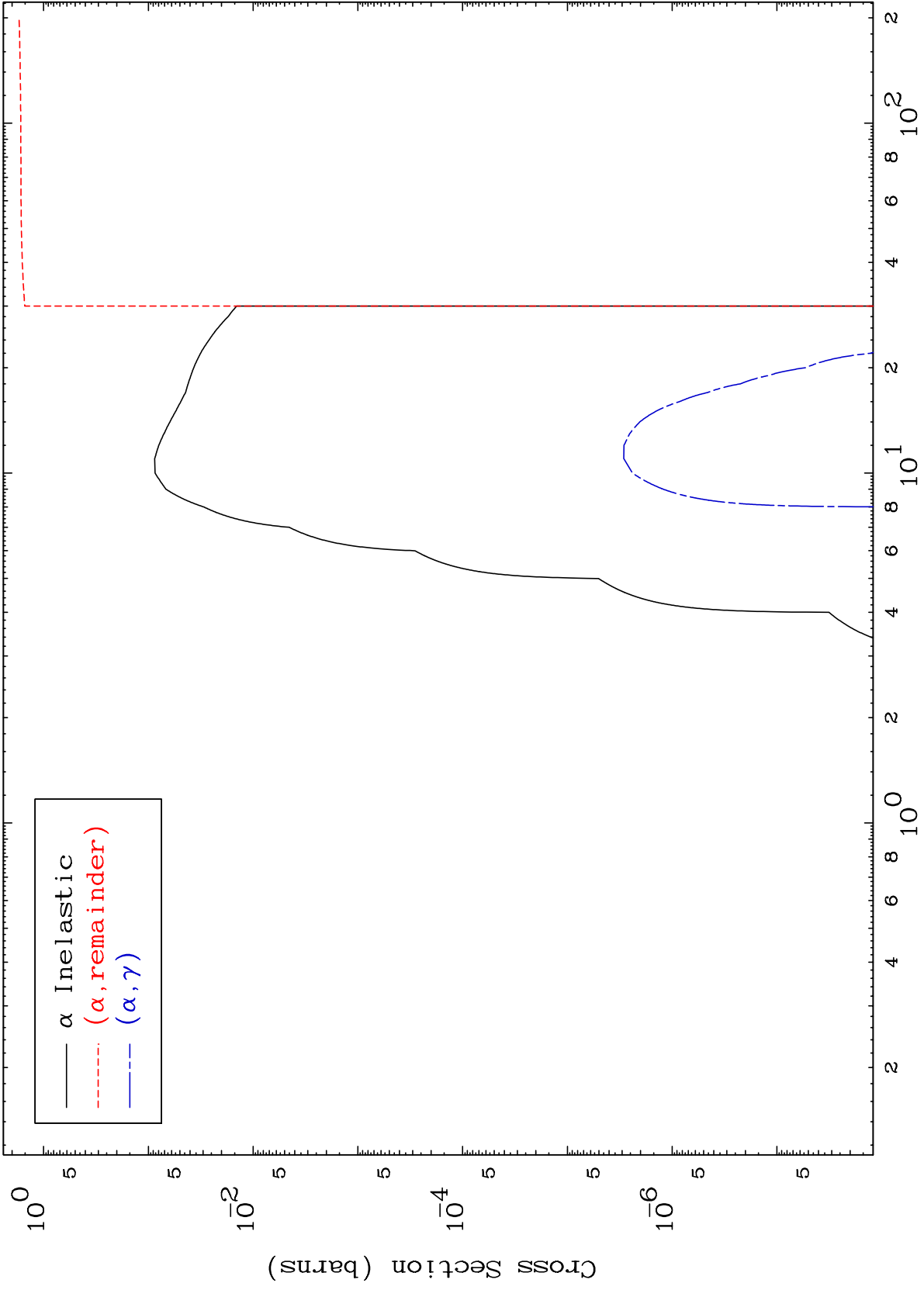
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2858

0 Kelvin  $\alpha$  Major Cross Sections

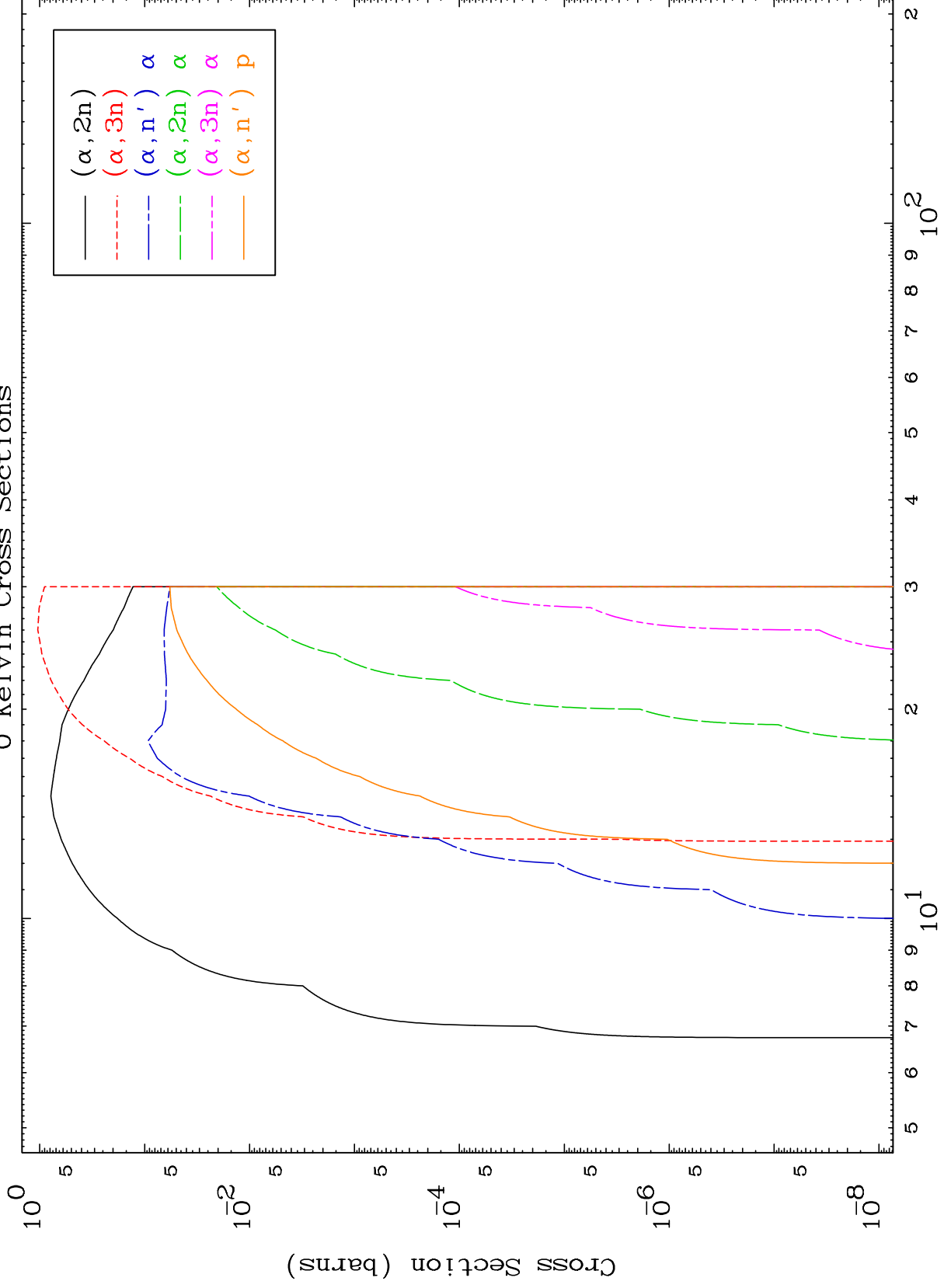
28-Ni-69



MAT 2858

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

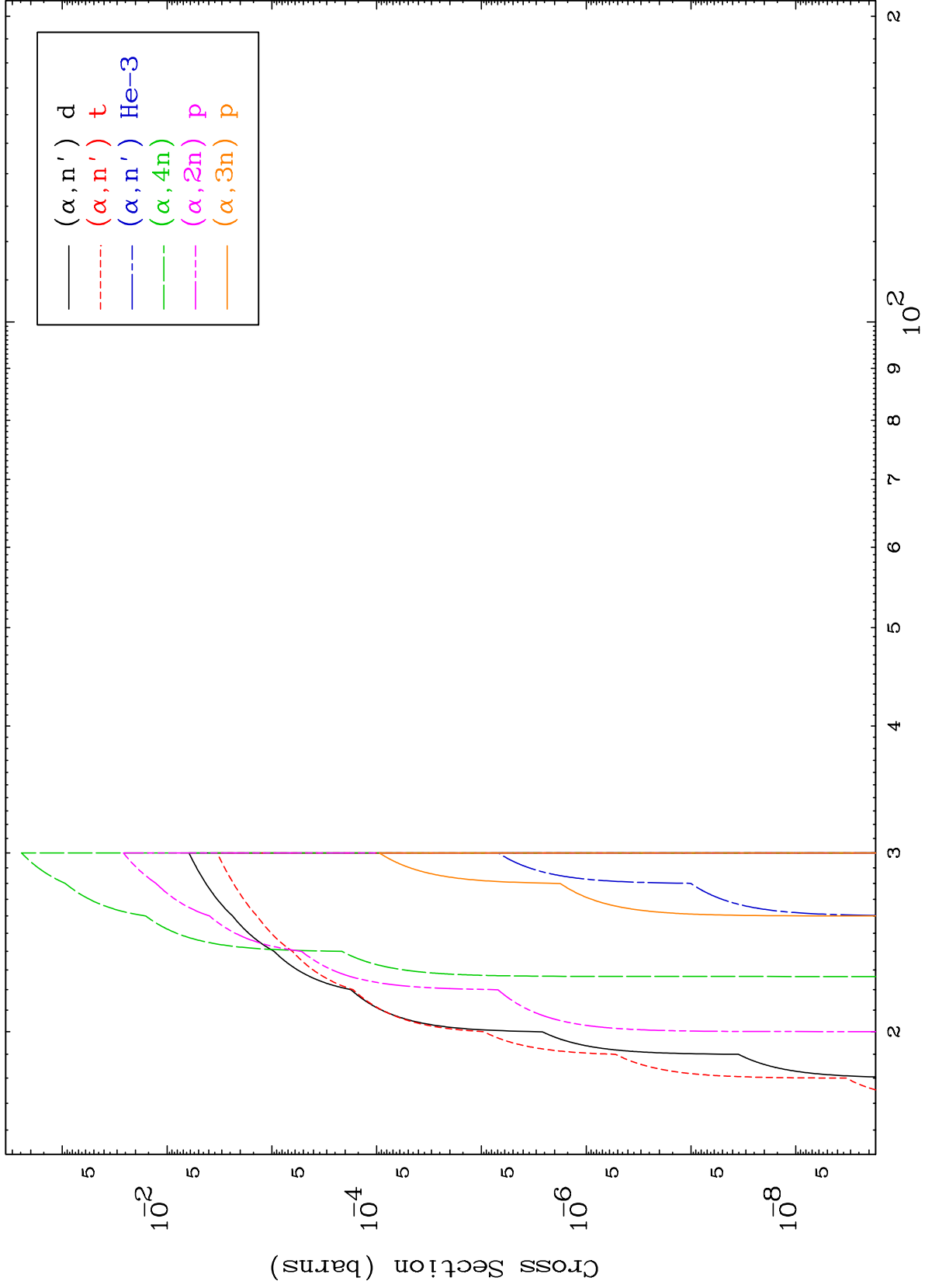
28-Ni-69



2

Incident Energy (MeV)

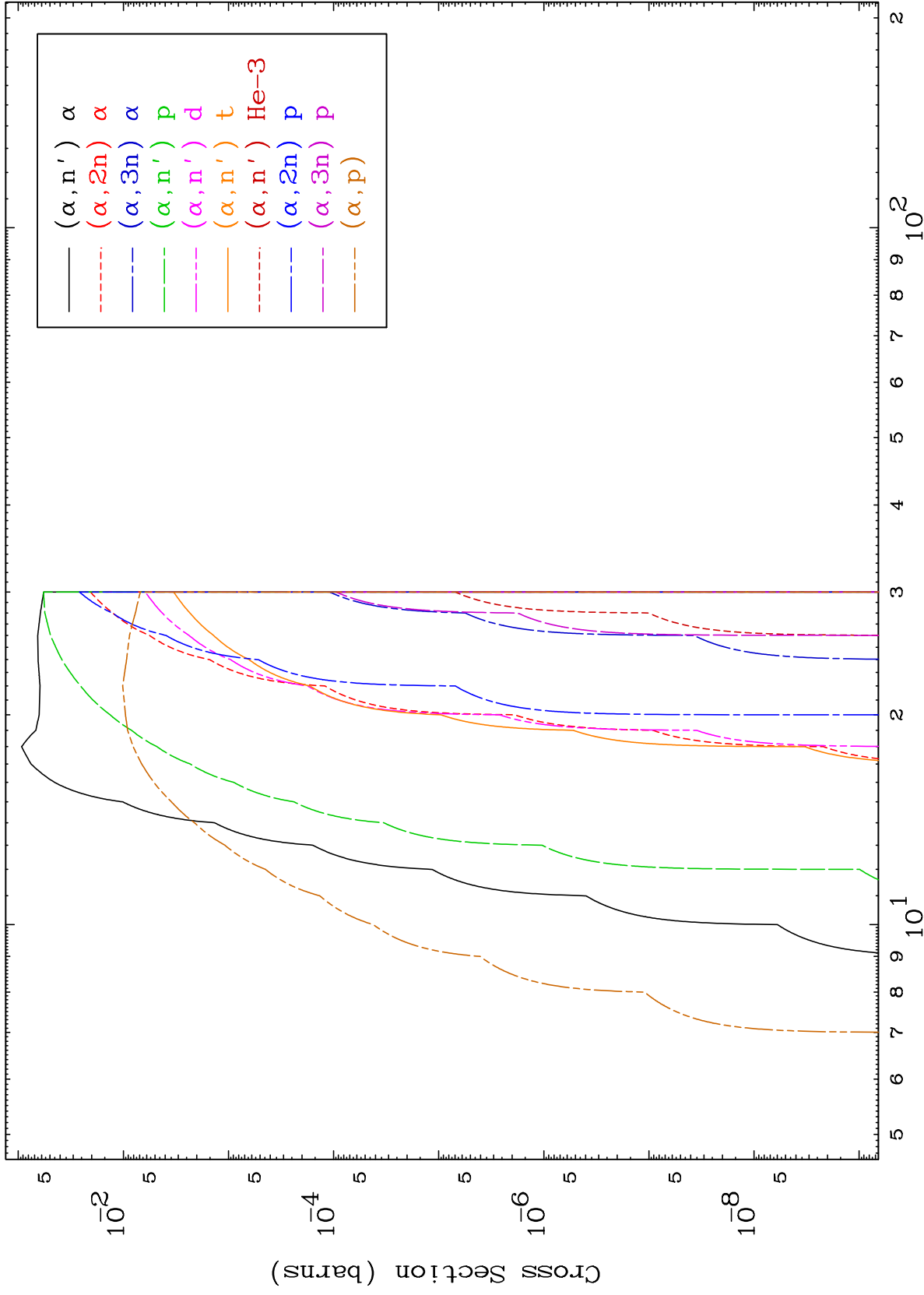
28-Ni-69



MAT 2858

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

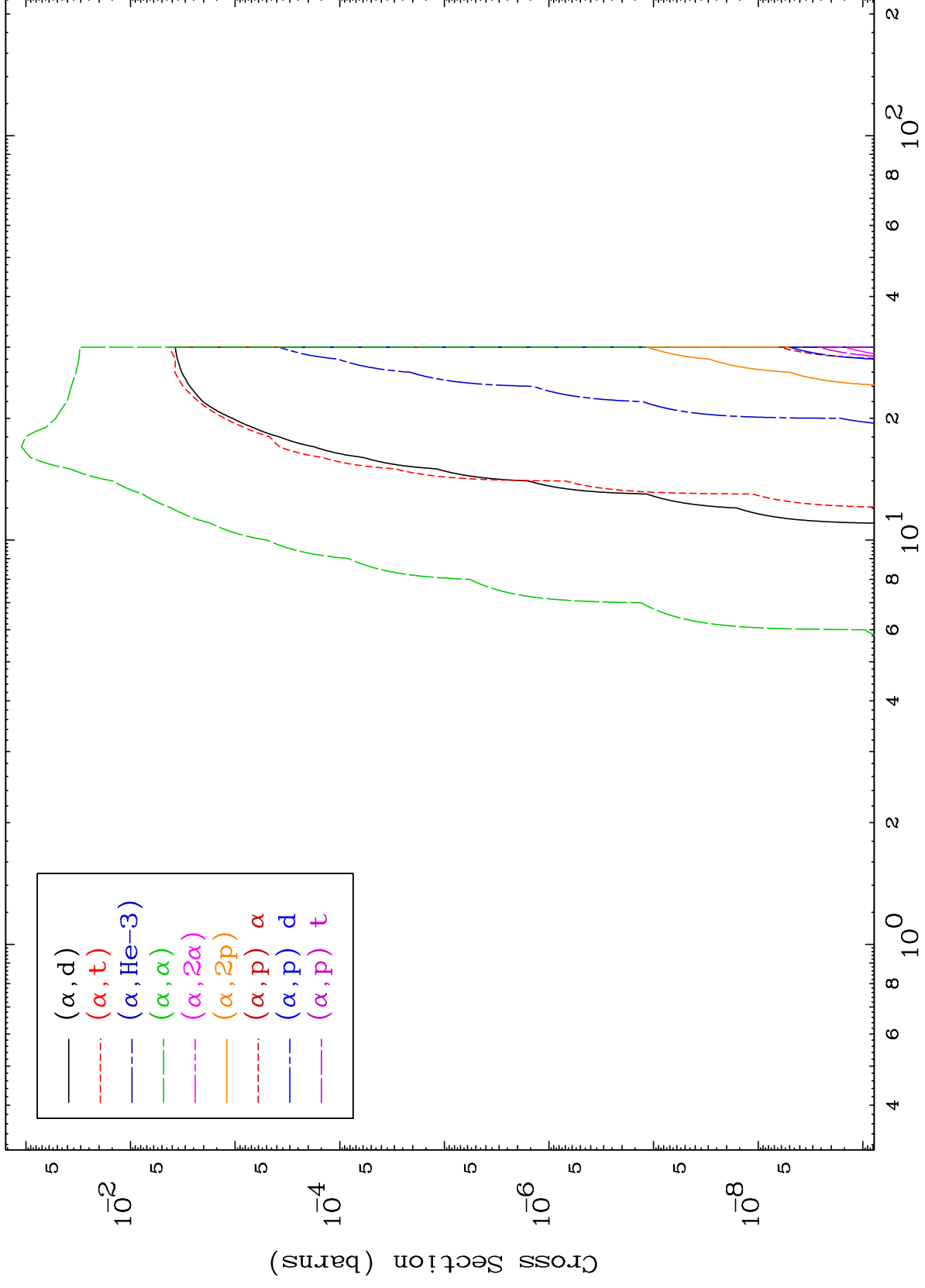
28-Ni-69



MAT 2858

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

28-Ni-69



5

Incident Energy (MeV)

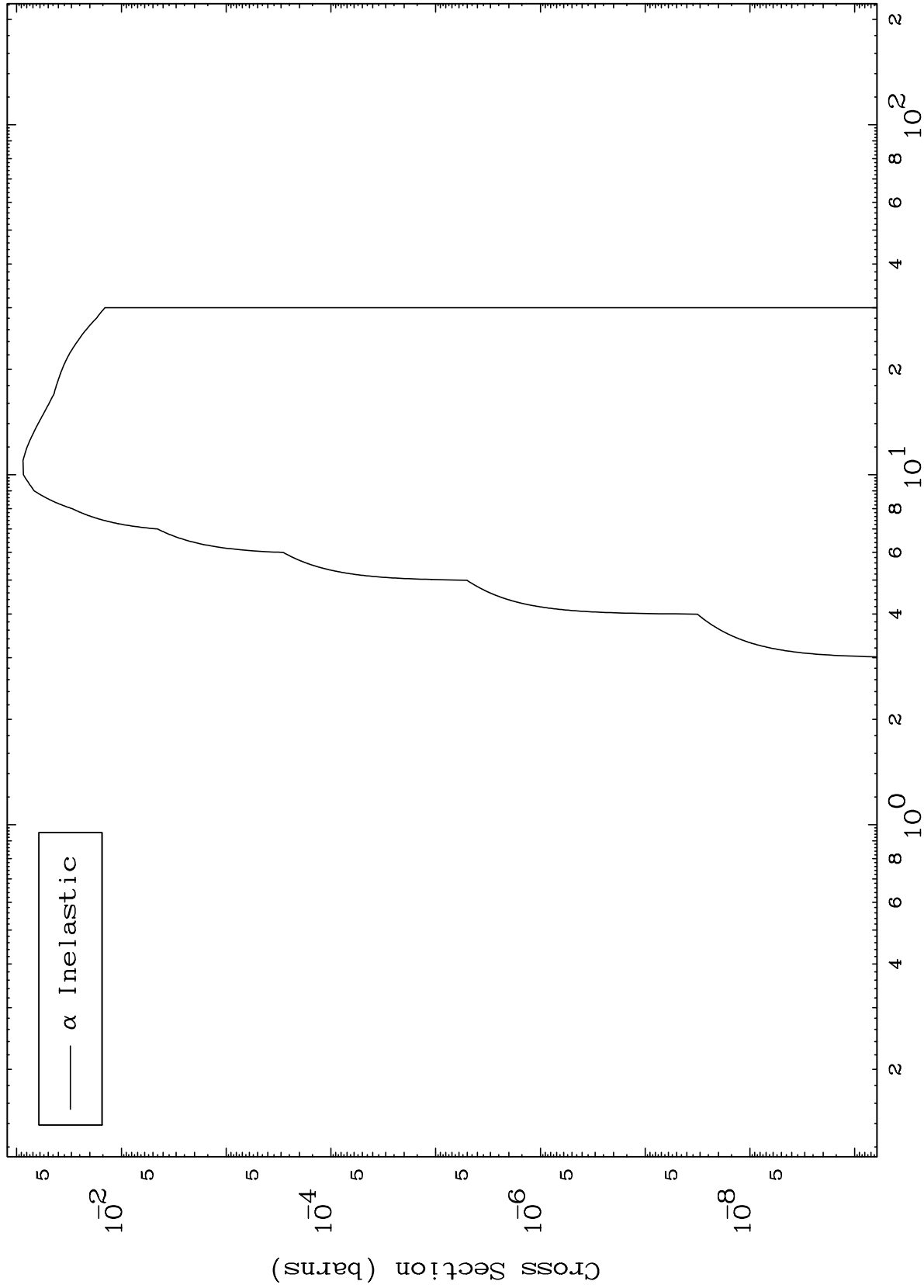
28-Ni-69

MAT 2858

( $\alpha, n'$ ) Level

28-Ni-69

0 Kelvin Cross Sections



6

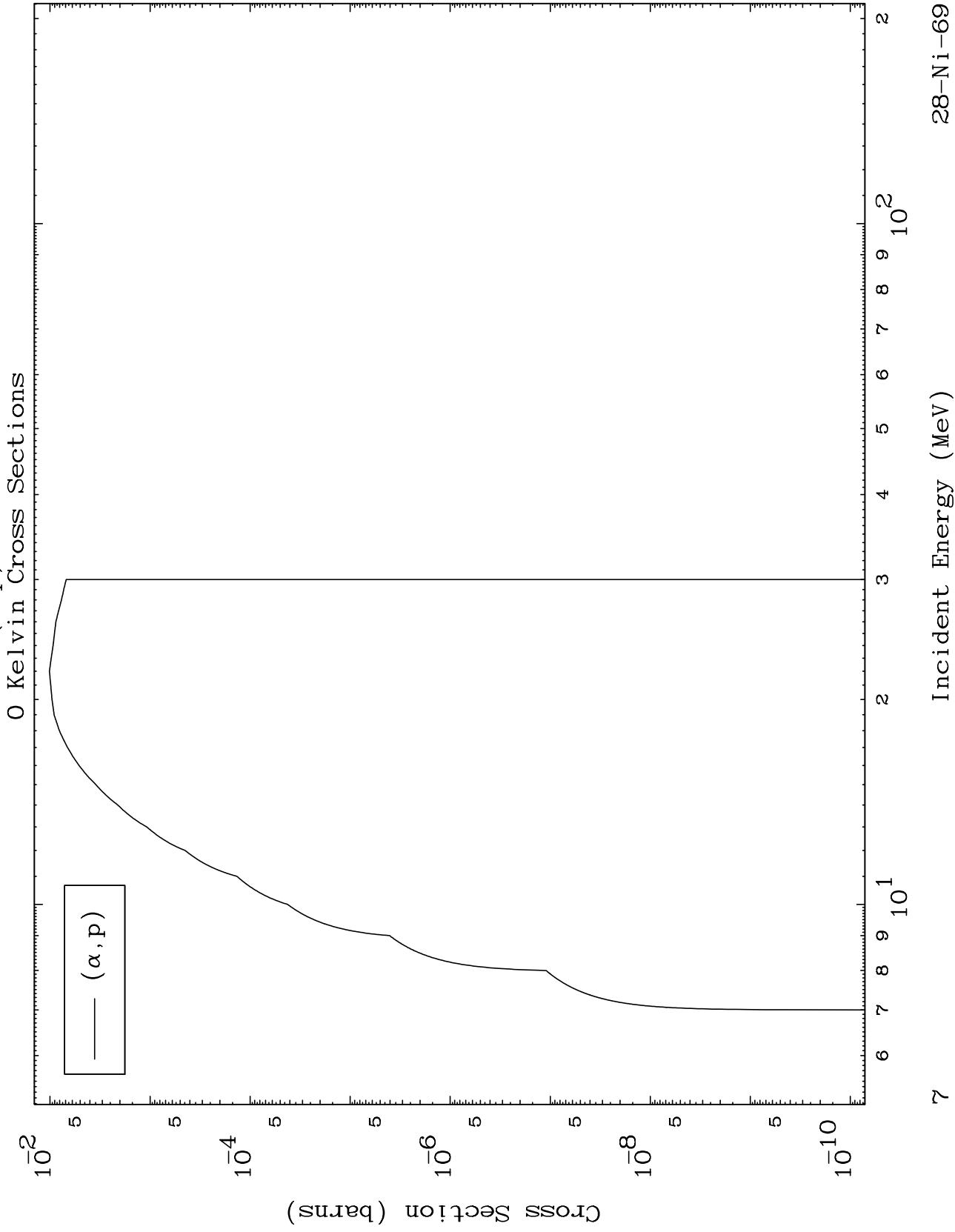
Incident Energy (MeV)

28-Ni-69

MAT 2858

( $\alpha, p$ ) Levels

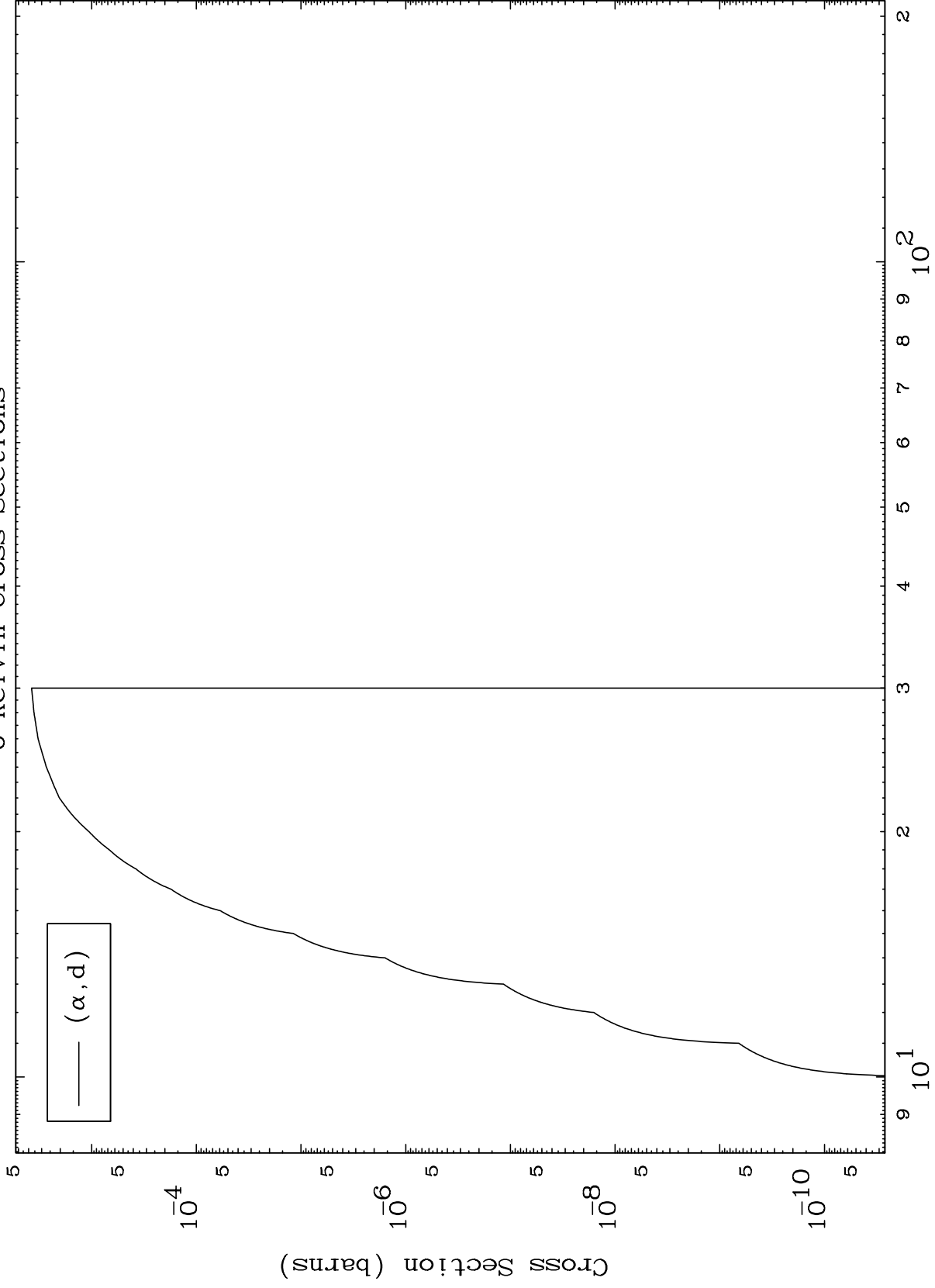
28-Ni-69



MAT 2858

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

28-Ni-69



8

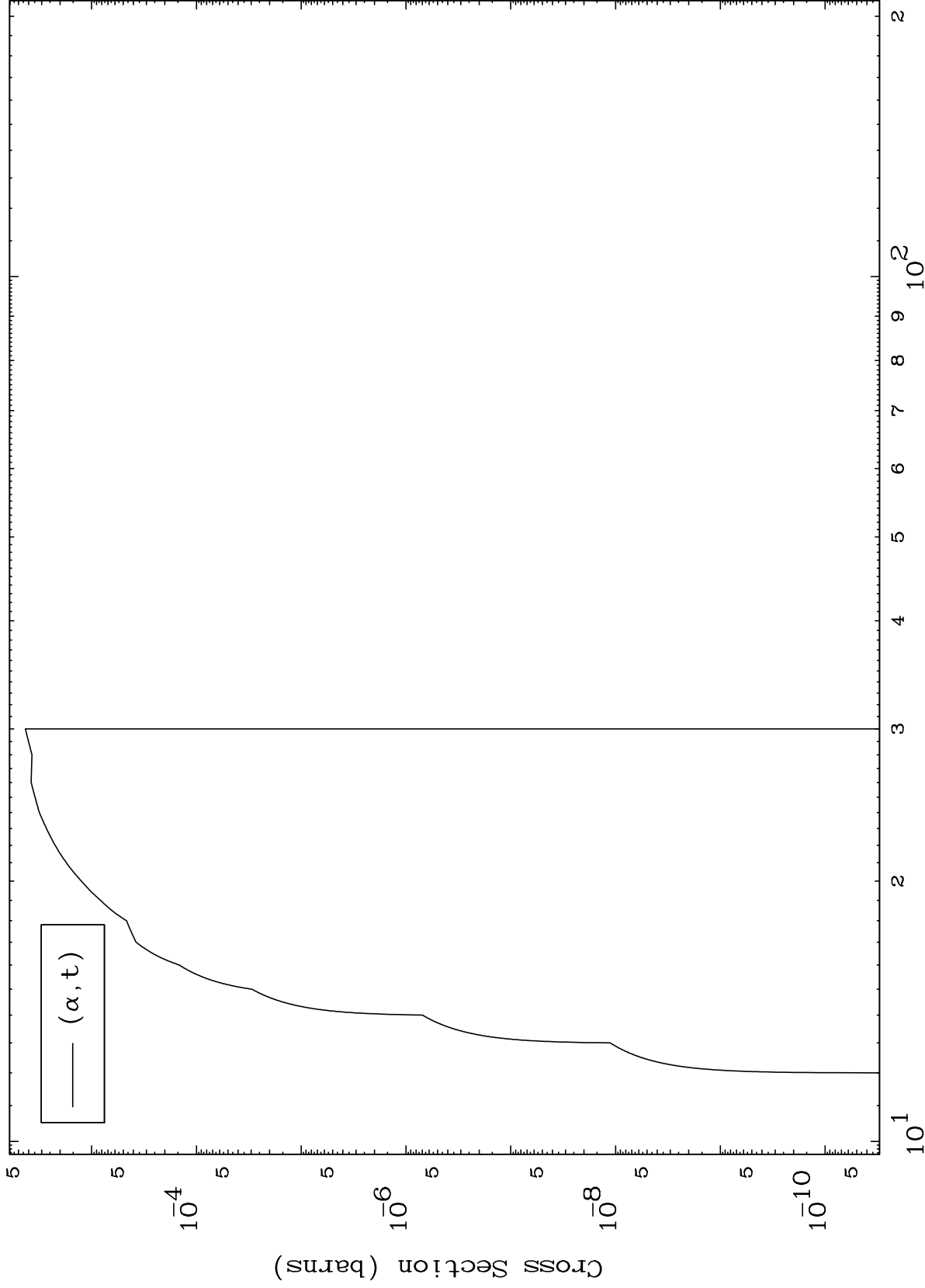
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



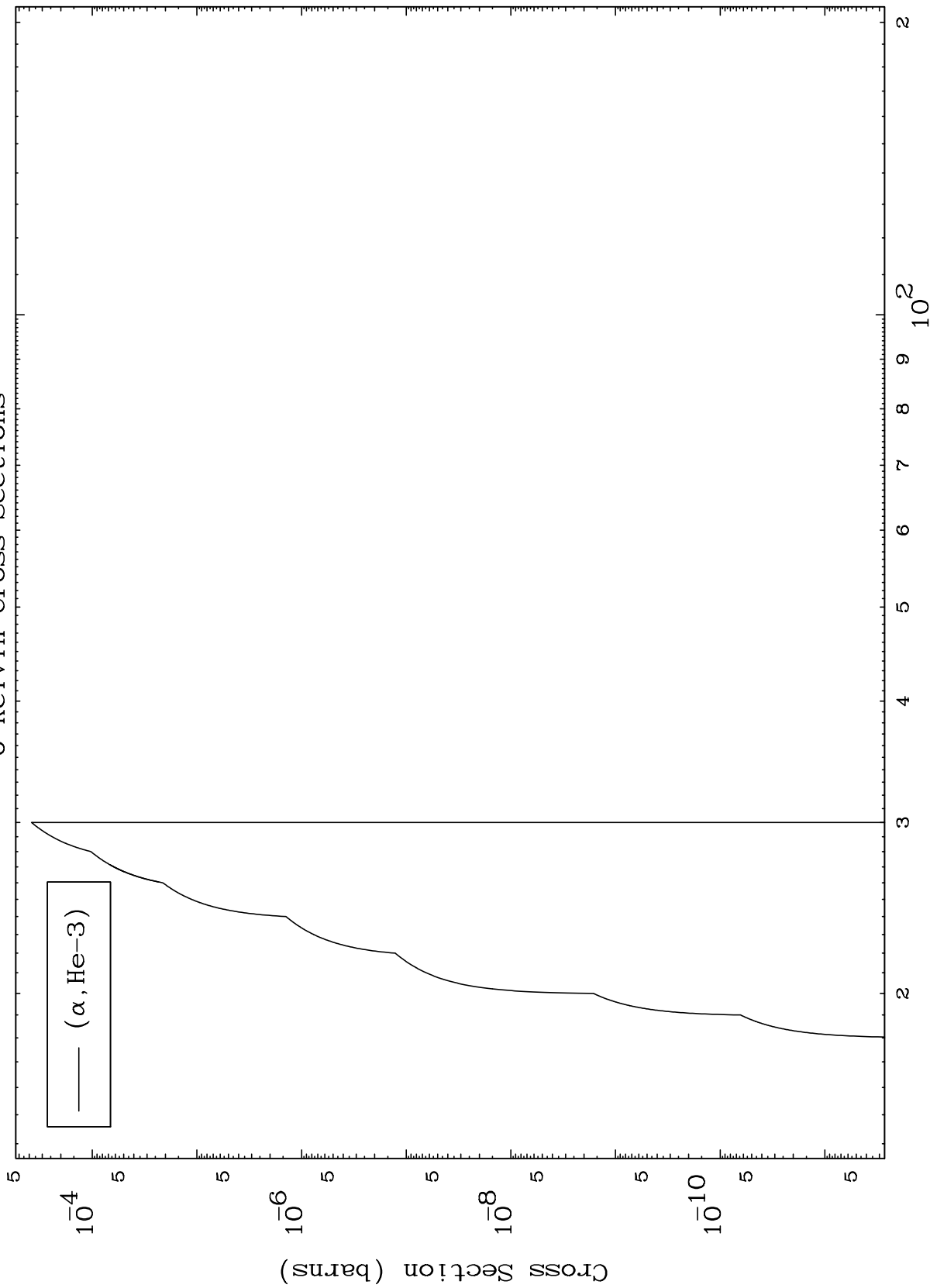
Incident Energy (MeV)

28-Ni-69

MAT 2858

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

28-Ni-69



10

Incident Energy (MeV)

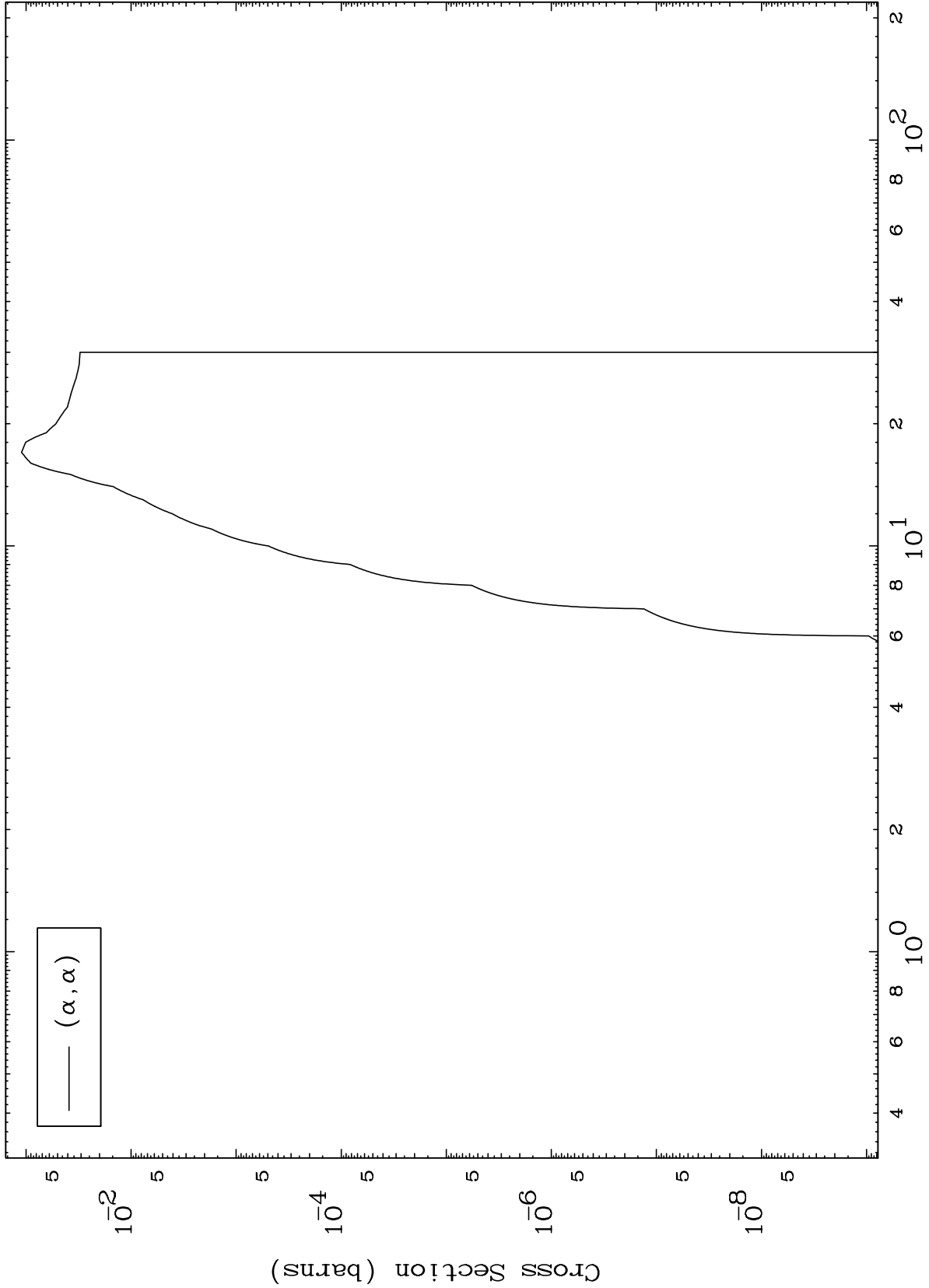
28-Ni-69

MAT 2858

( $\alpha, \alpha$ ) Levels

28-Ni-69

0 Kelvin Cross Sections

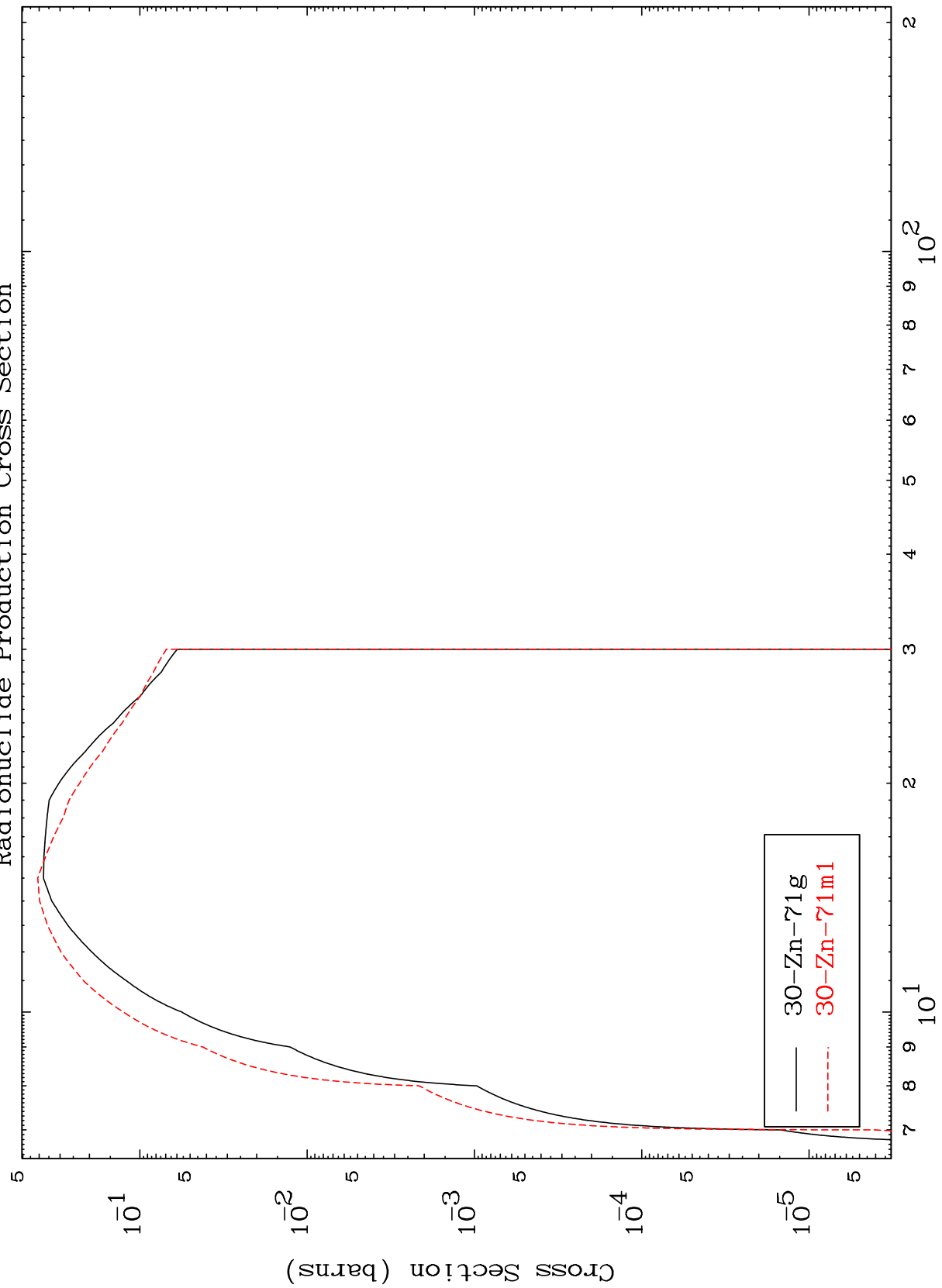


( $\alpha, \alpha$ )

MAT 2858

28-Ni-69

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

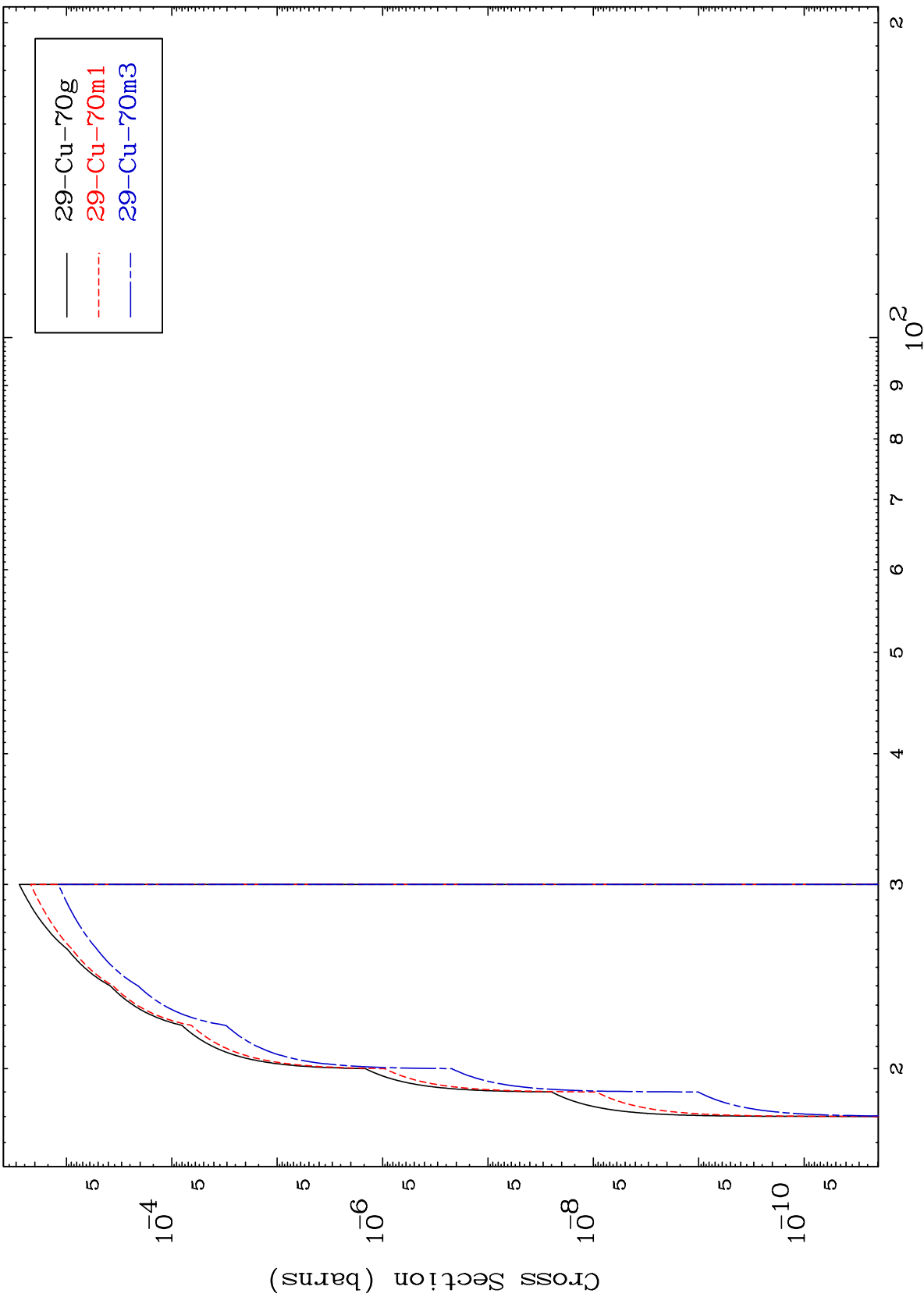


28-Ni-69

Incident Energy (MeV)

12

Radionuclide Production Cross Section

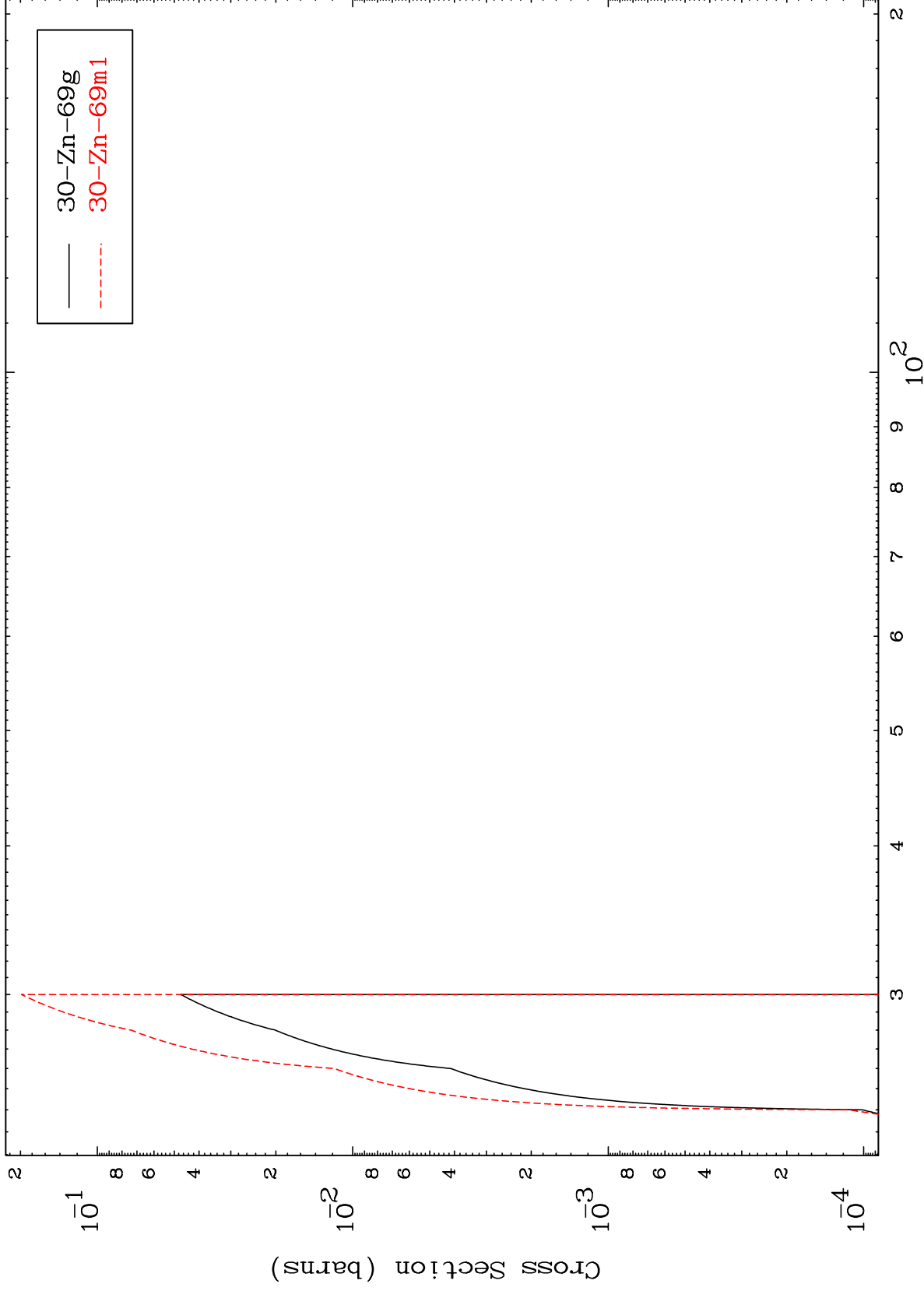


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( $\alpha, 4n$ )

28-Ni-69

Radionuclide Production Cross Section



14

Incident Energy (MeV)

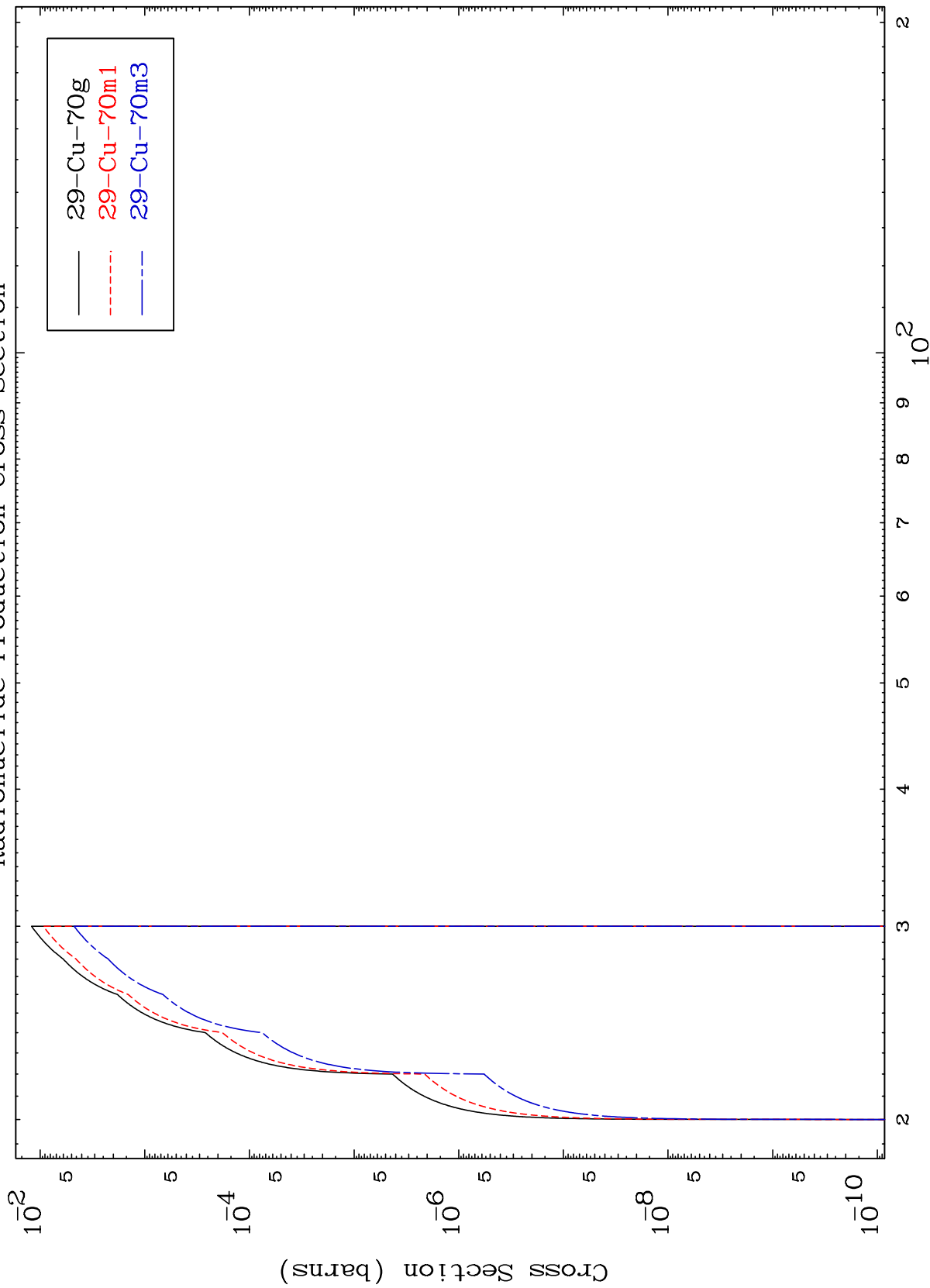
28-Ni-69

MAT 2858

$(\alpha, 2n)$  p

28-Ni-69

Radionuclide Production Cross Section



15

Incident Energy (MeV)

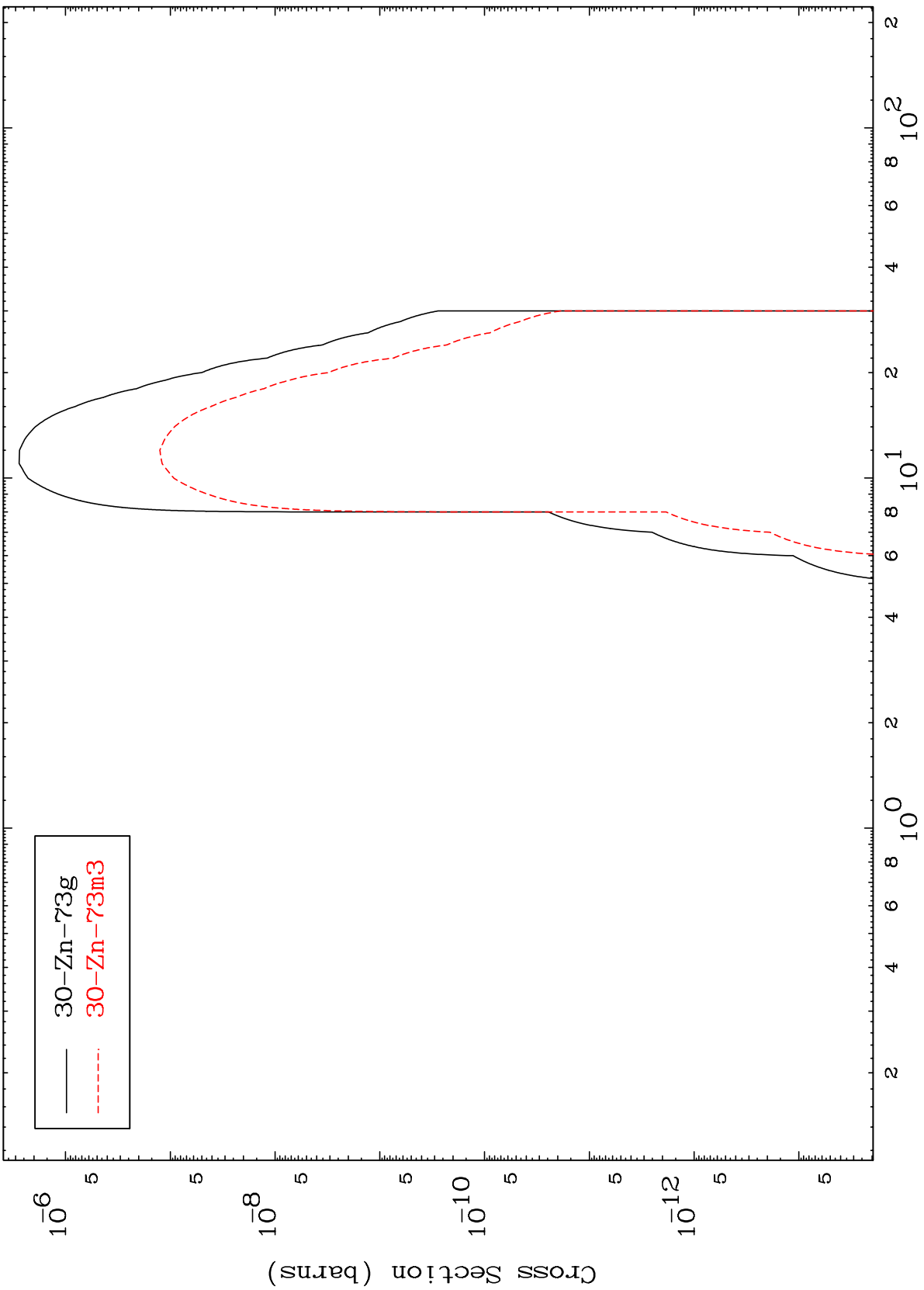
28-Ni-69

MAT 2858

( $\alpha, \gamma$ )

28-Ni-69

Radionuclide Production Cross Section



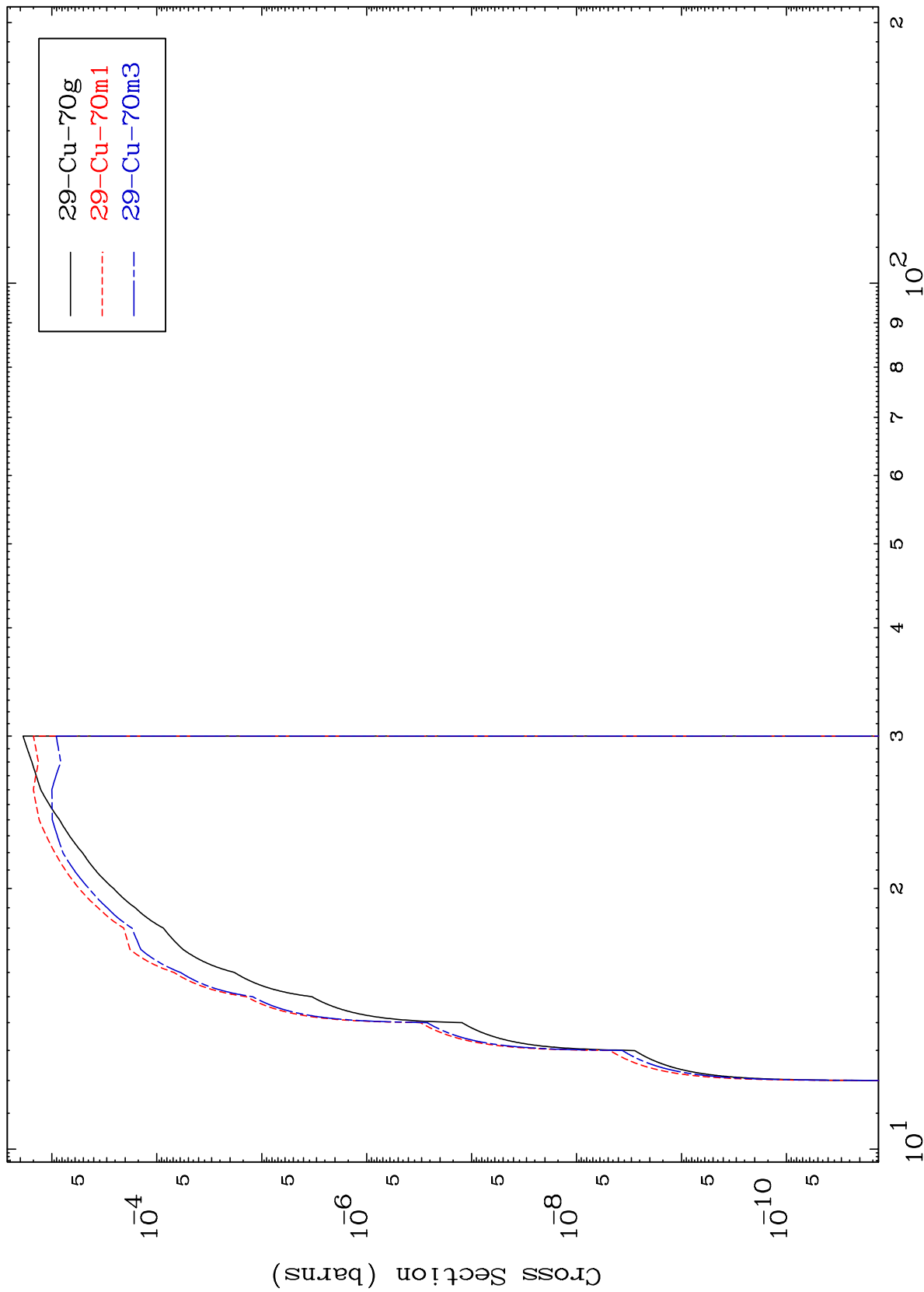
— 30-Zn-73g  
- - - 30-Zn-73m3

MAT 2858

( $\alpha, t$ )

28-Ni-69

Radionuclide Production Cross Section



Incident Energy (MeV)

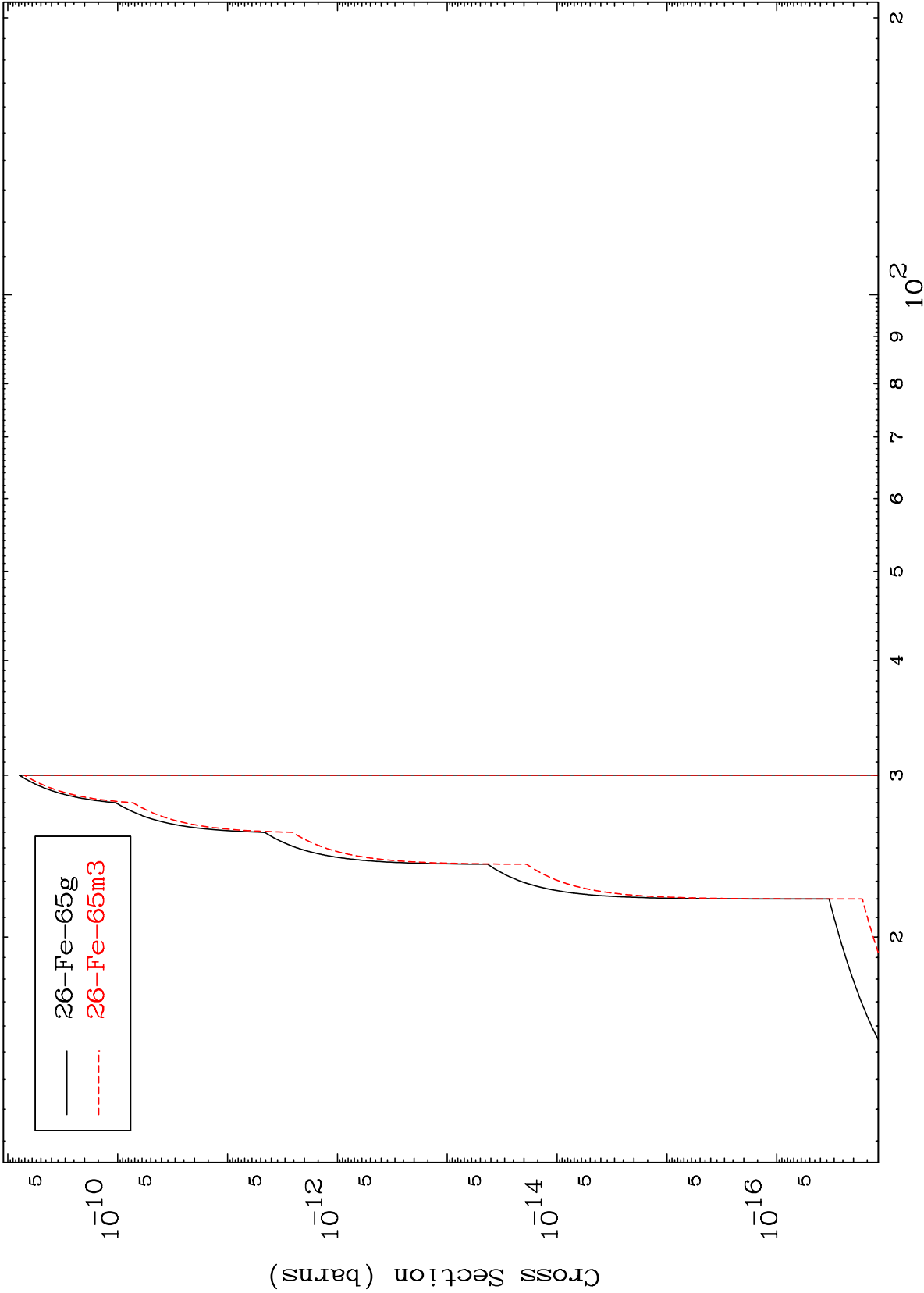
28-Ni-69

MAT 2858

( $\alpha, 2\alpha$ )

28-Ni-69

Radionuclide Production Cross Section



18

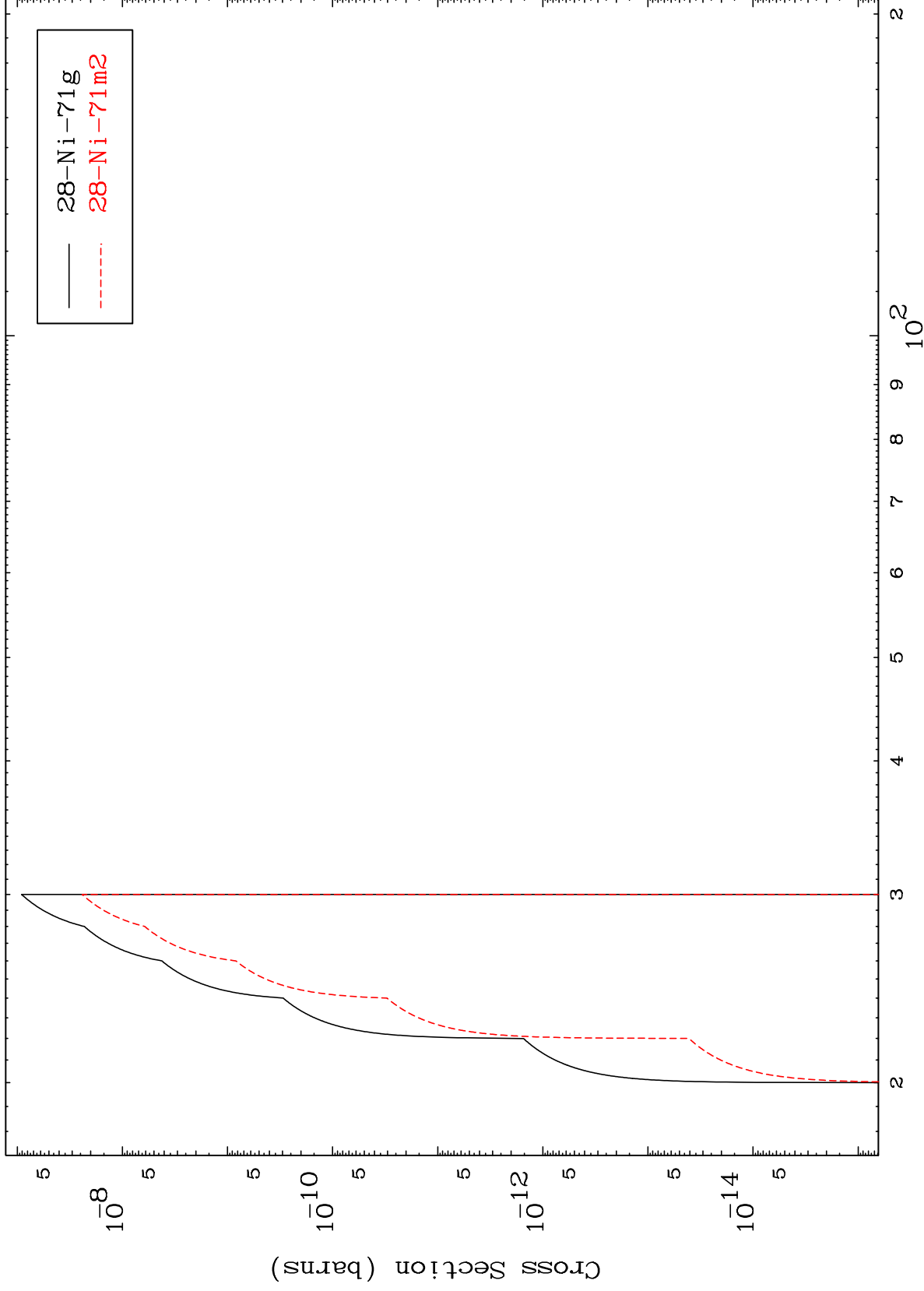
Incident Energy (MeV)

28-Ni-69

MAT 2858

28-Ni-69

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



19

28-Ni-69

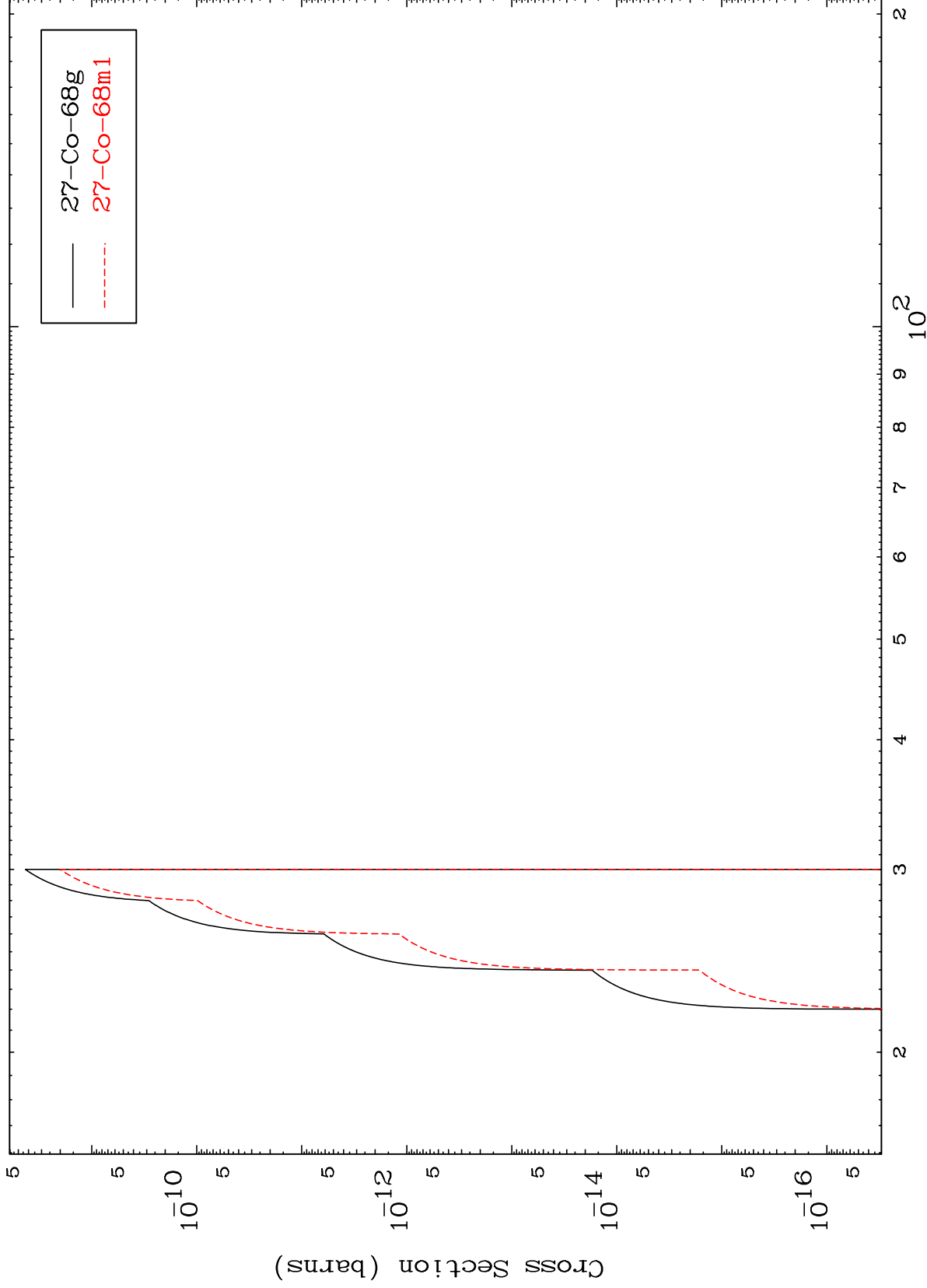
Incident Energy (MeV)

MAT 2858

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

28-Ni-69

Radionuclide Production Cross Section



20

Incident Energy (MeV)

28-Ni-69