

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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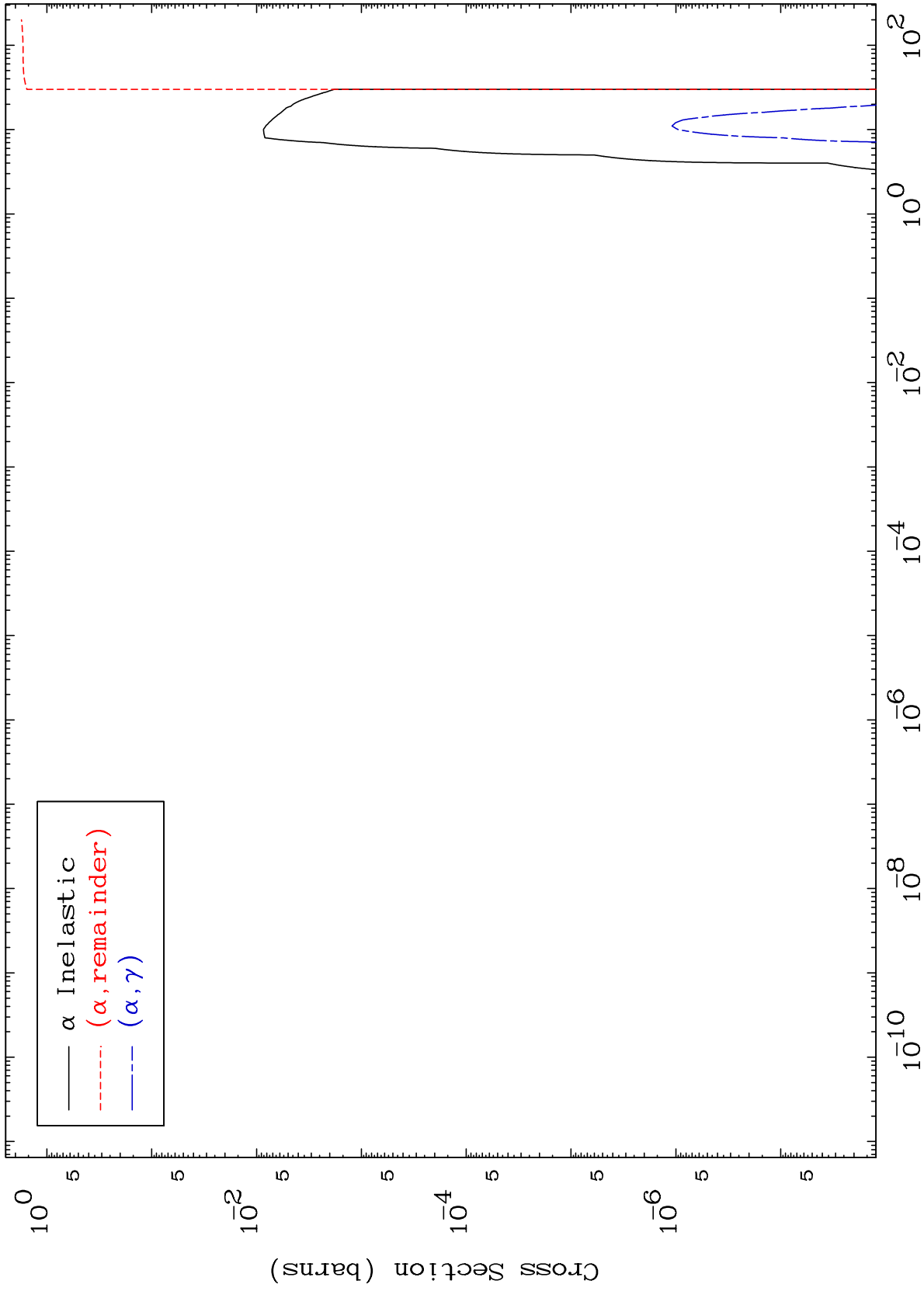
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2867

0 Kelvin  $\alpha$  Major  
Cross Sections

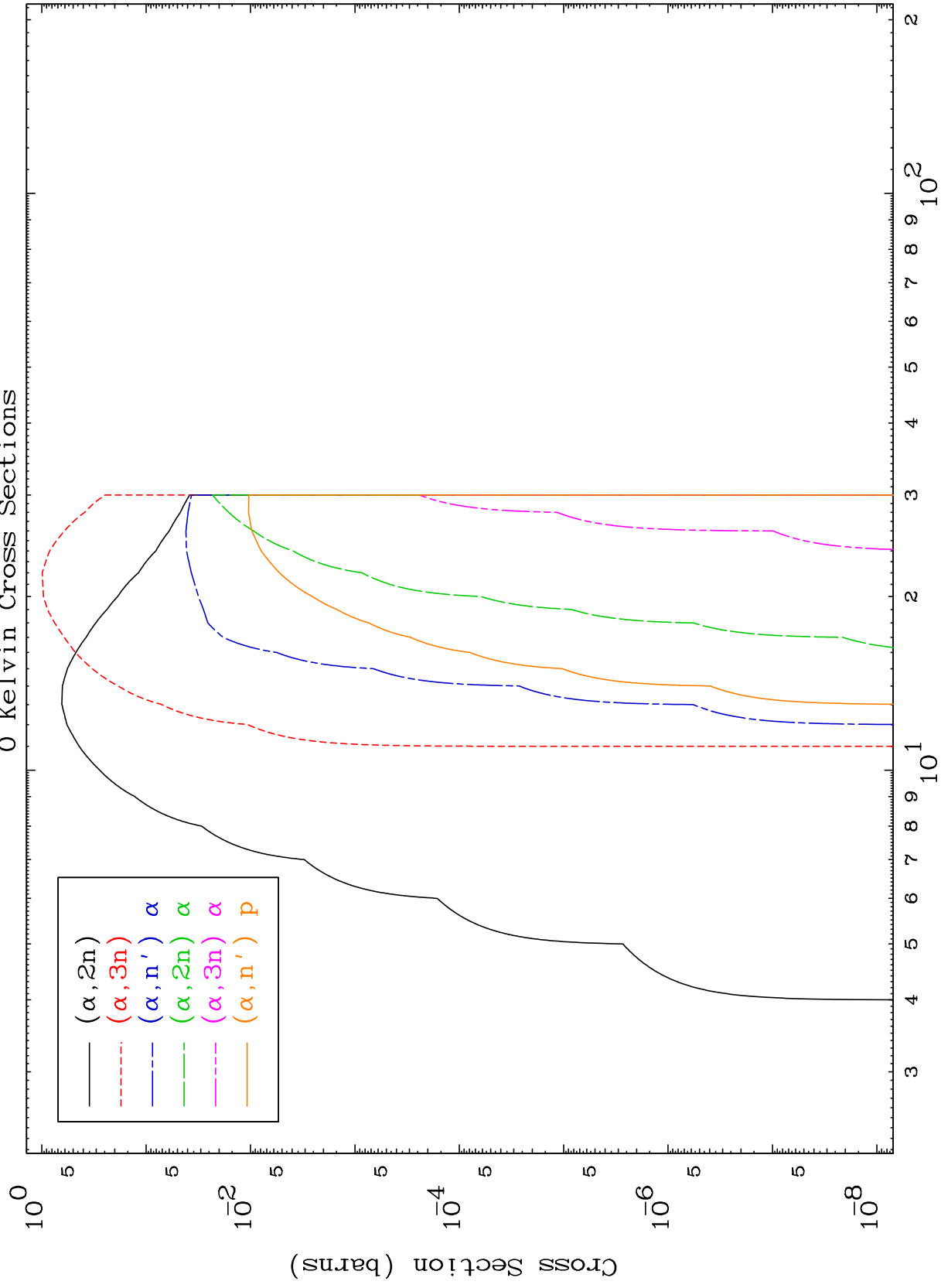
28-Ni-72



MAT 2867

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

28-Ni-72



2

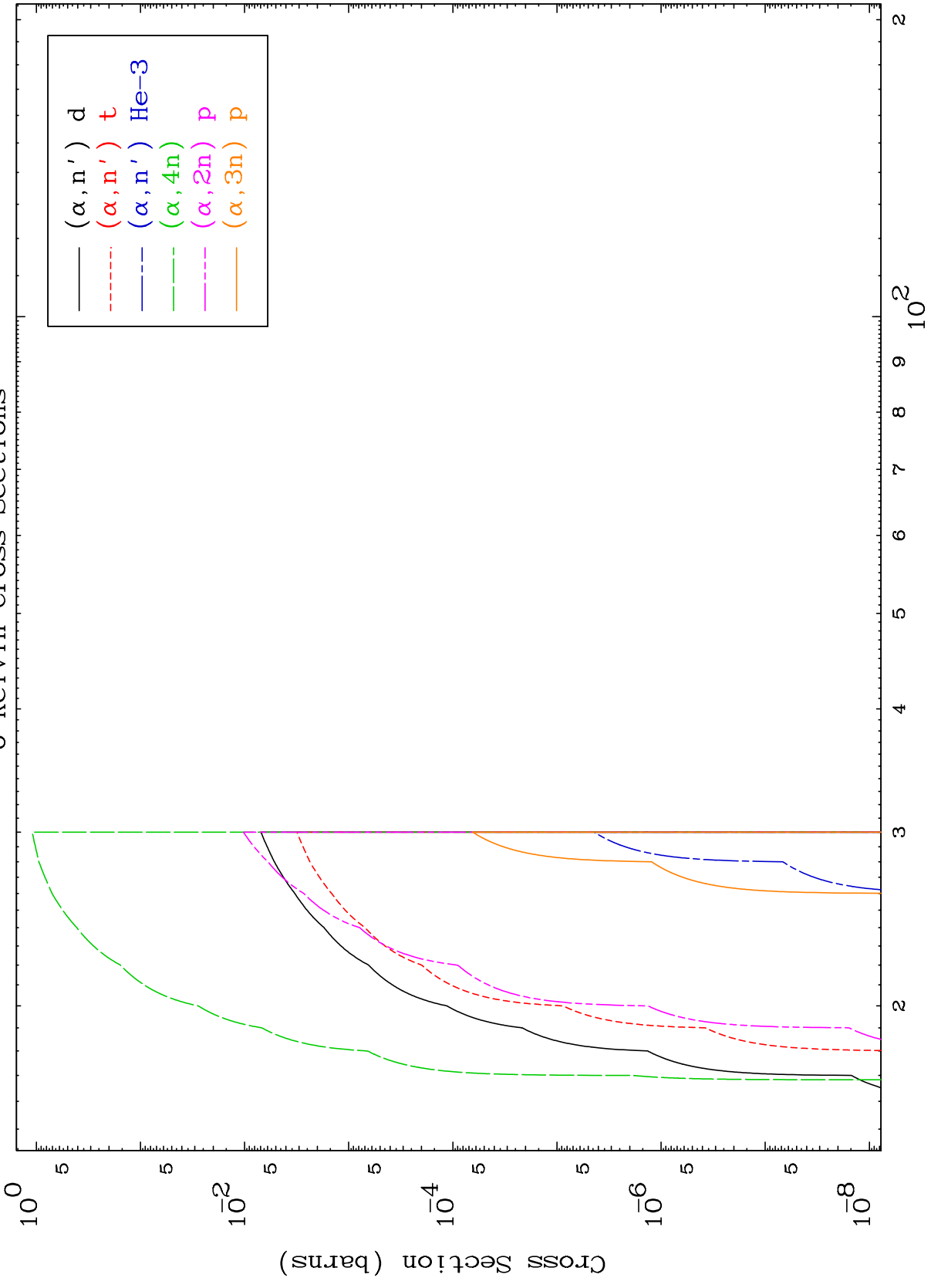
Incident Energy (MeV)

28-Ni-72

MAT 2867

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

28-Ni-72



3

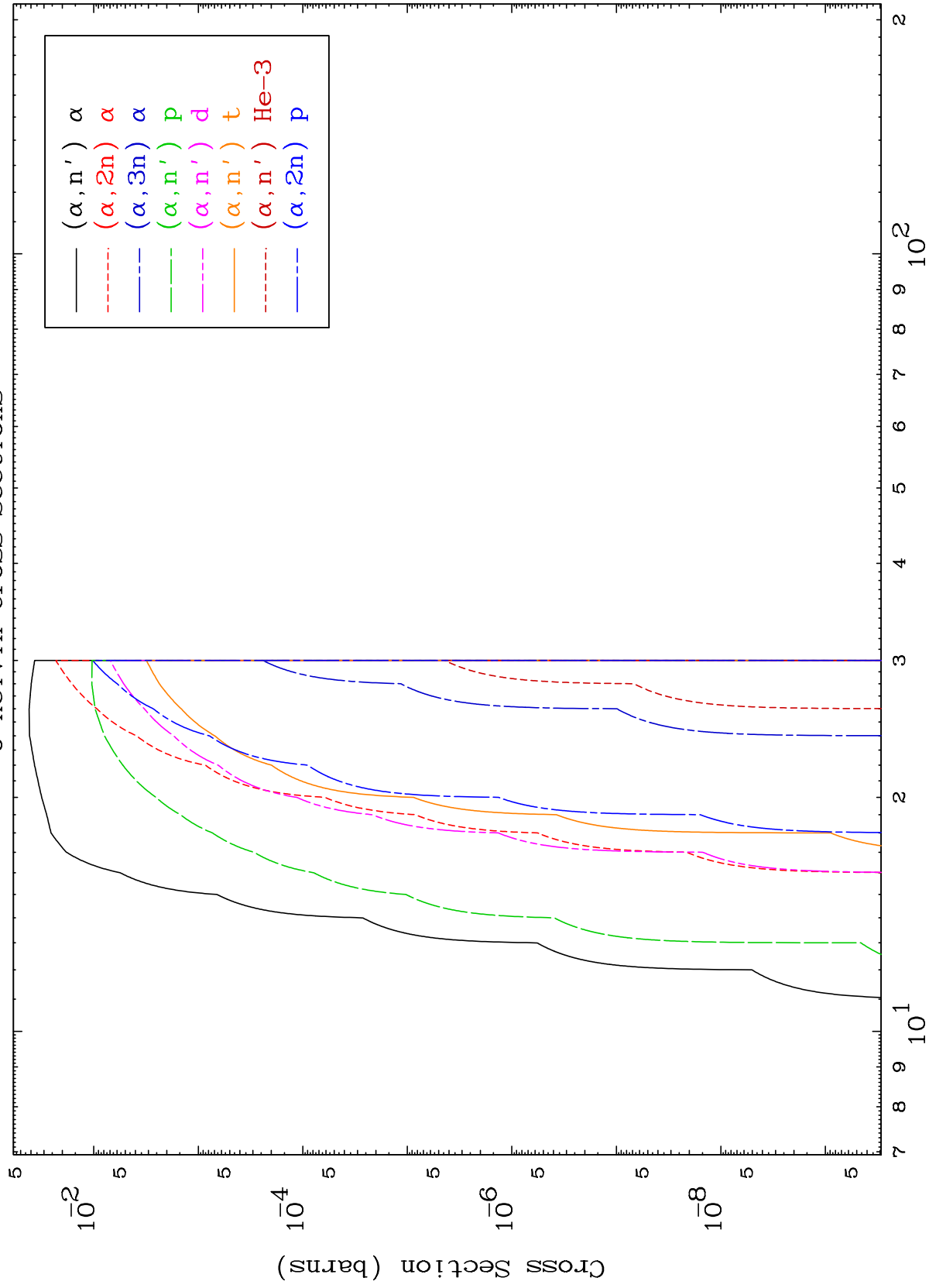
Incident Energy (MeV)

28-Ni-72

MAT 2867

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

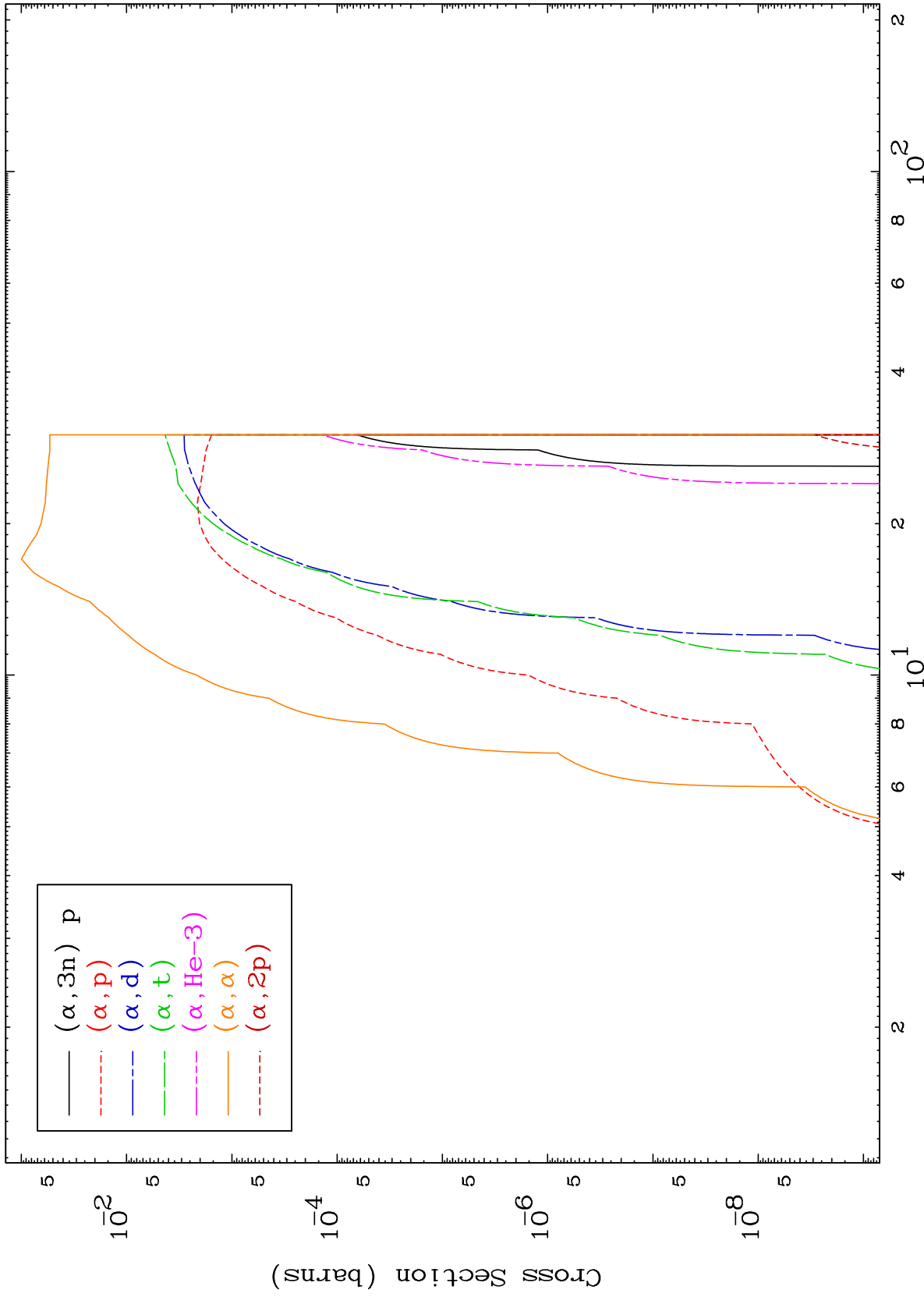
<sup>28</sup>Ni-72



4

Incident Energy (MeV)

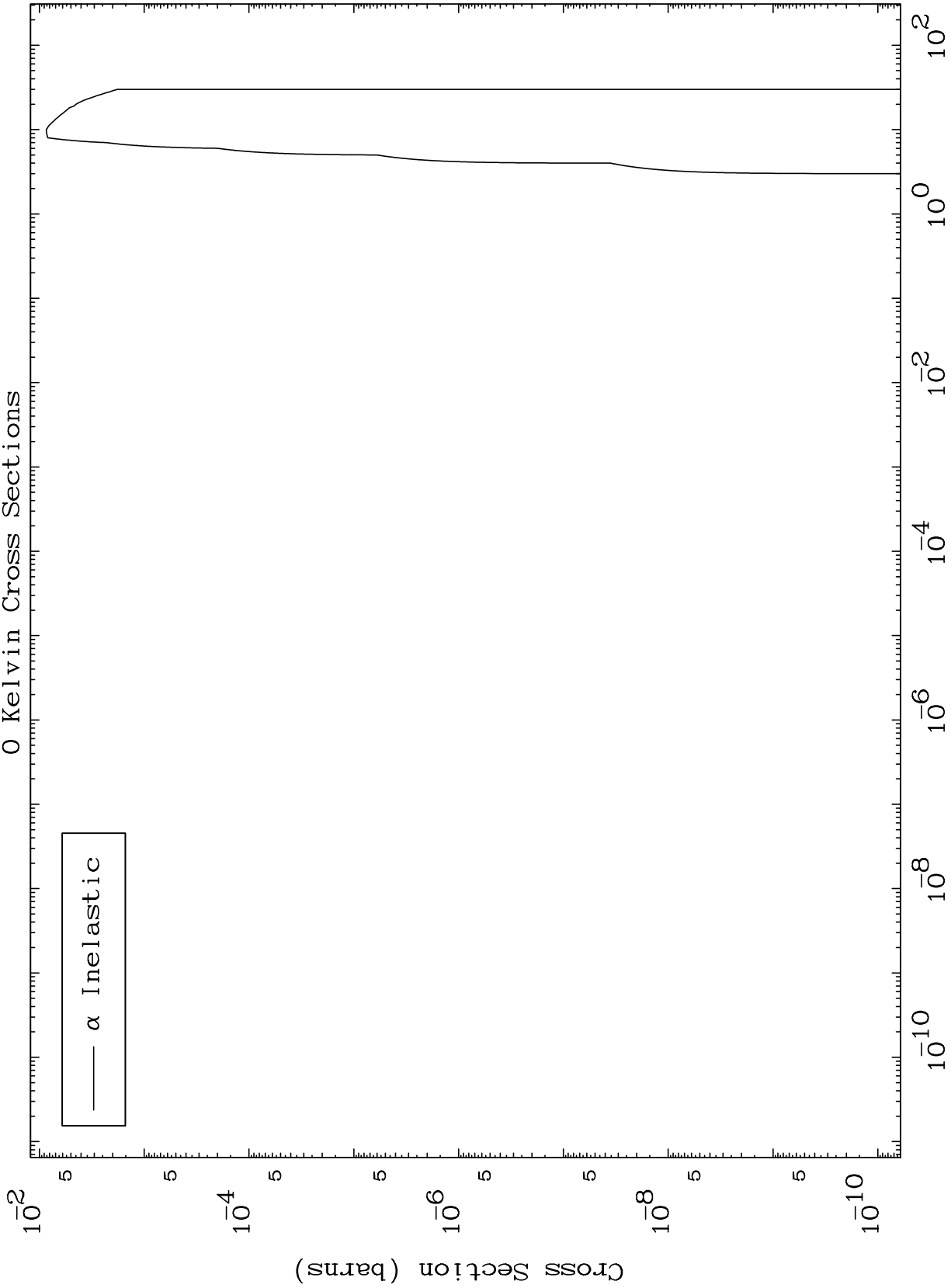
<sup>28</sup>Ni-72



MAT 2867

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

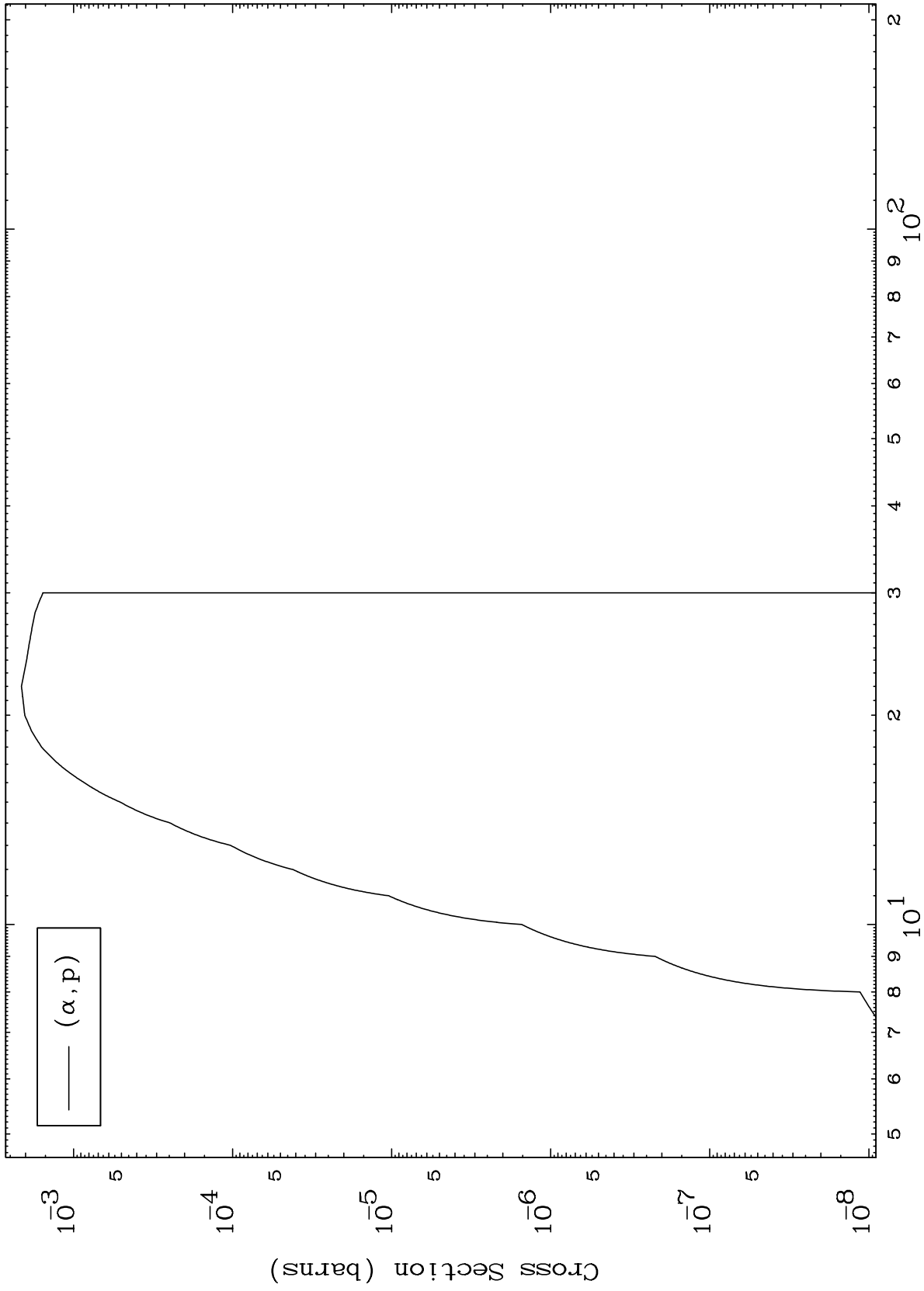
28-Ni-72



MAT 2867

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

28-Ni-72



7

Incident Energy (MeV)

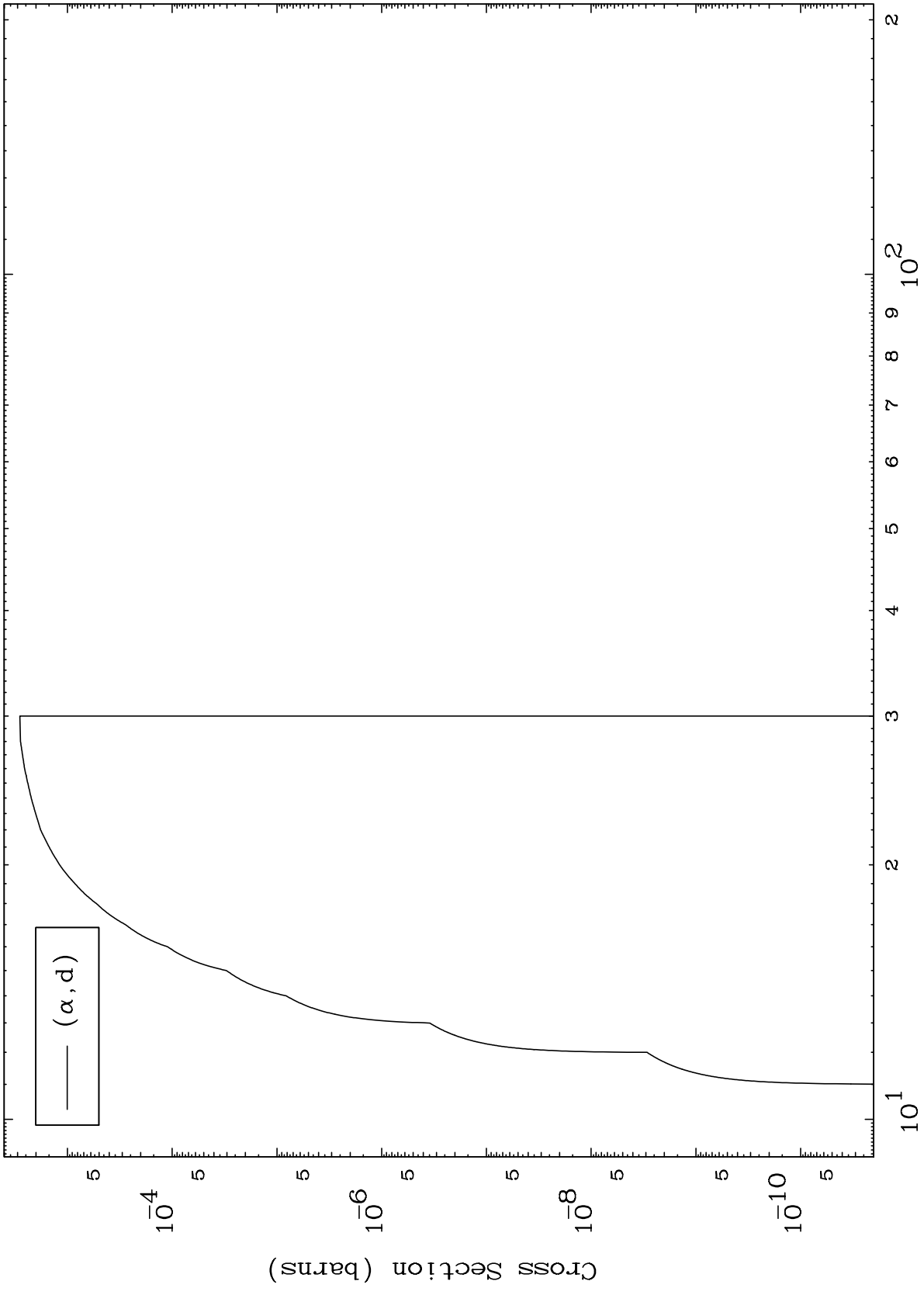
28-Ni-72



MAT 2867

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

28-Ni-72



8

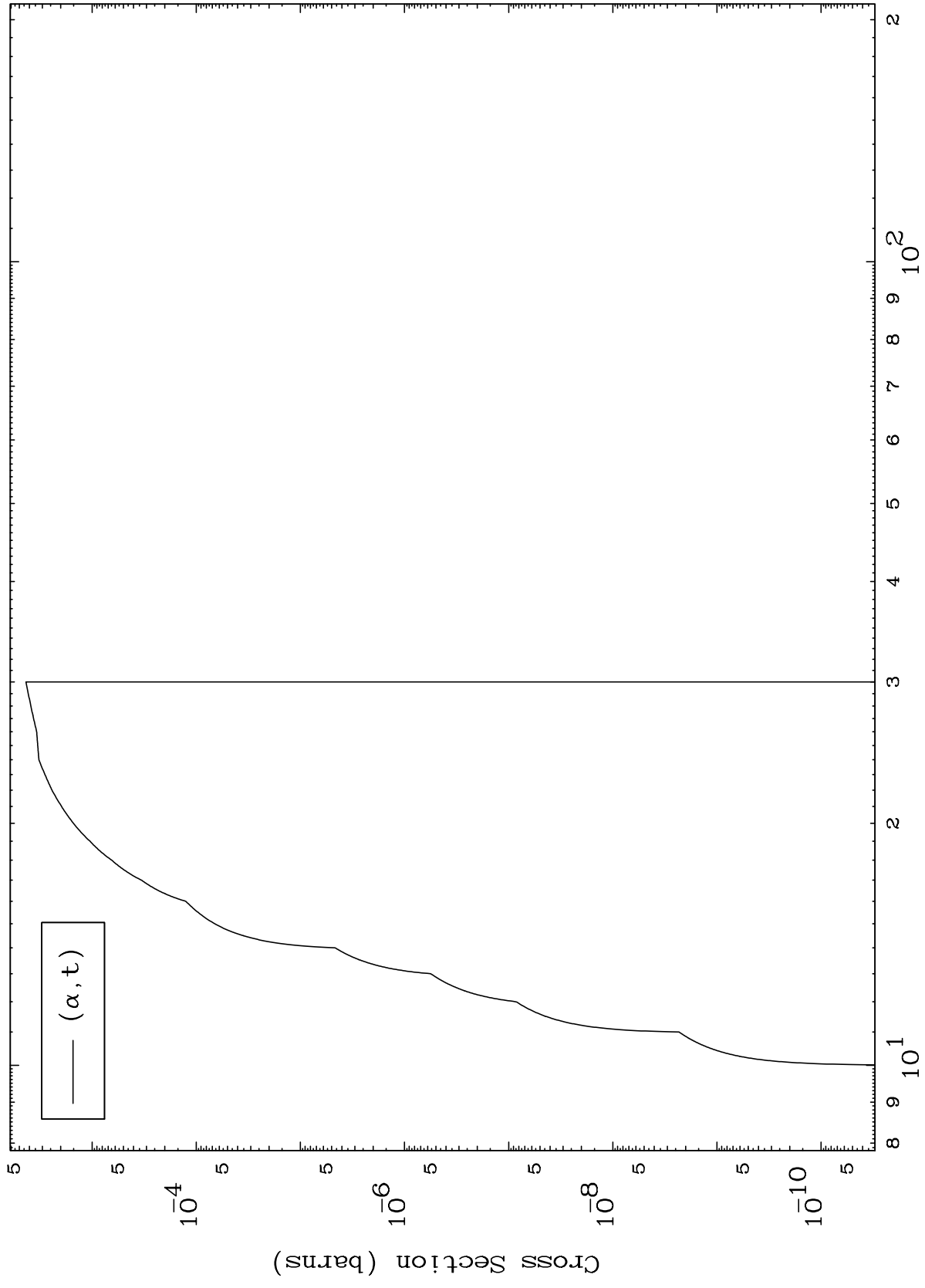
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

28-Ni-72



9

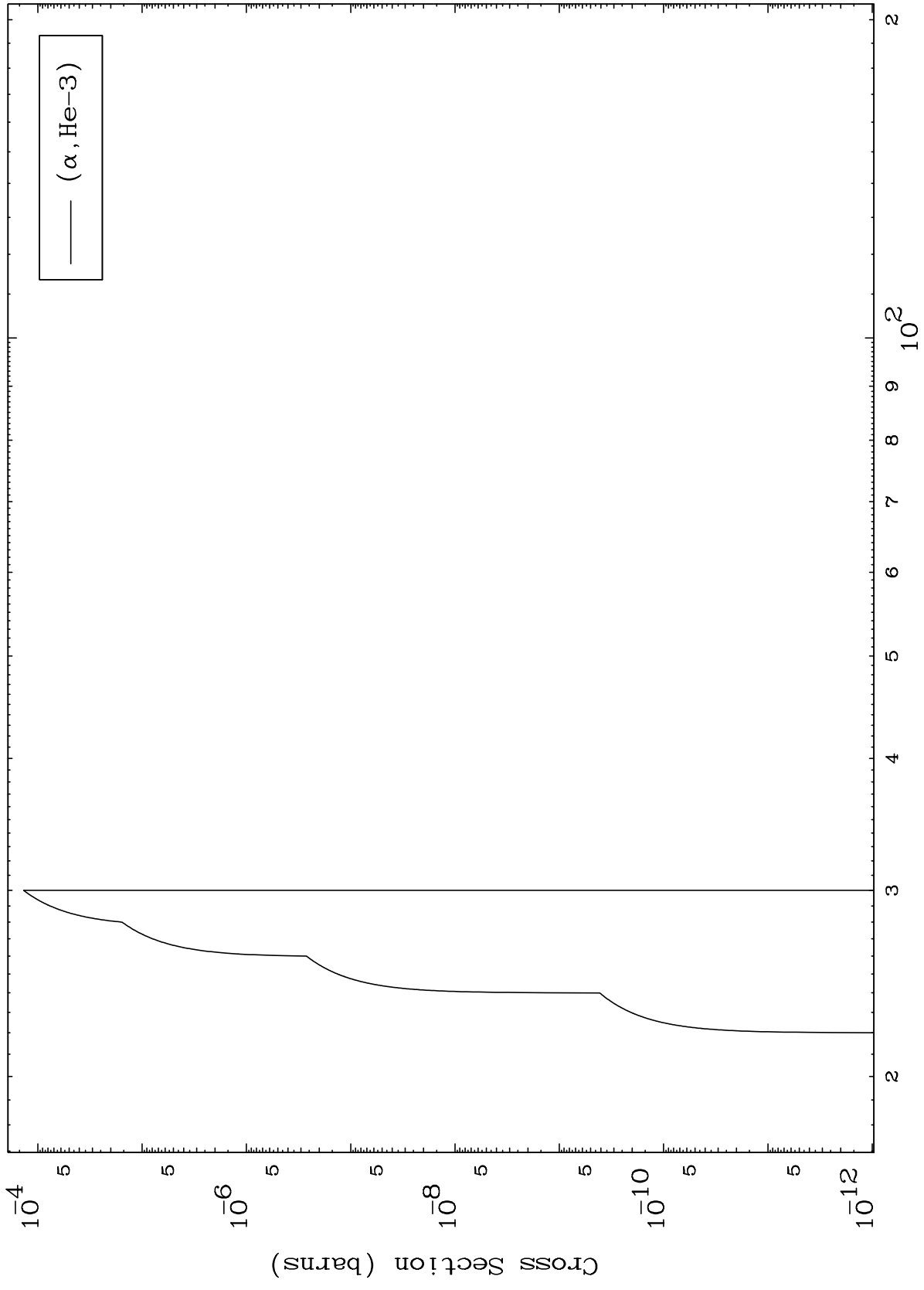
Incident Energy (MeV)

28-Ni-72

MAT 2867

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

$^{28}\text{Ni-72}$



10

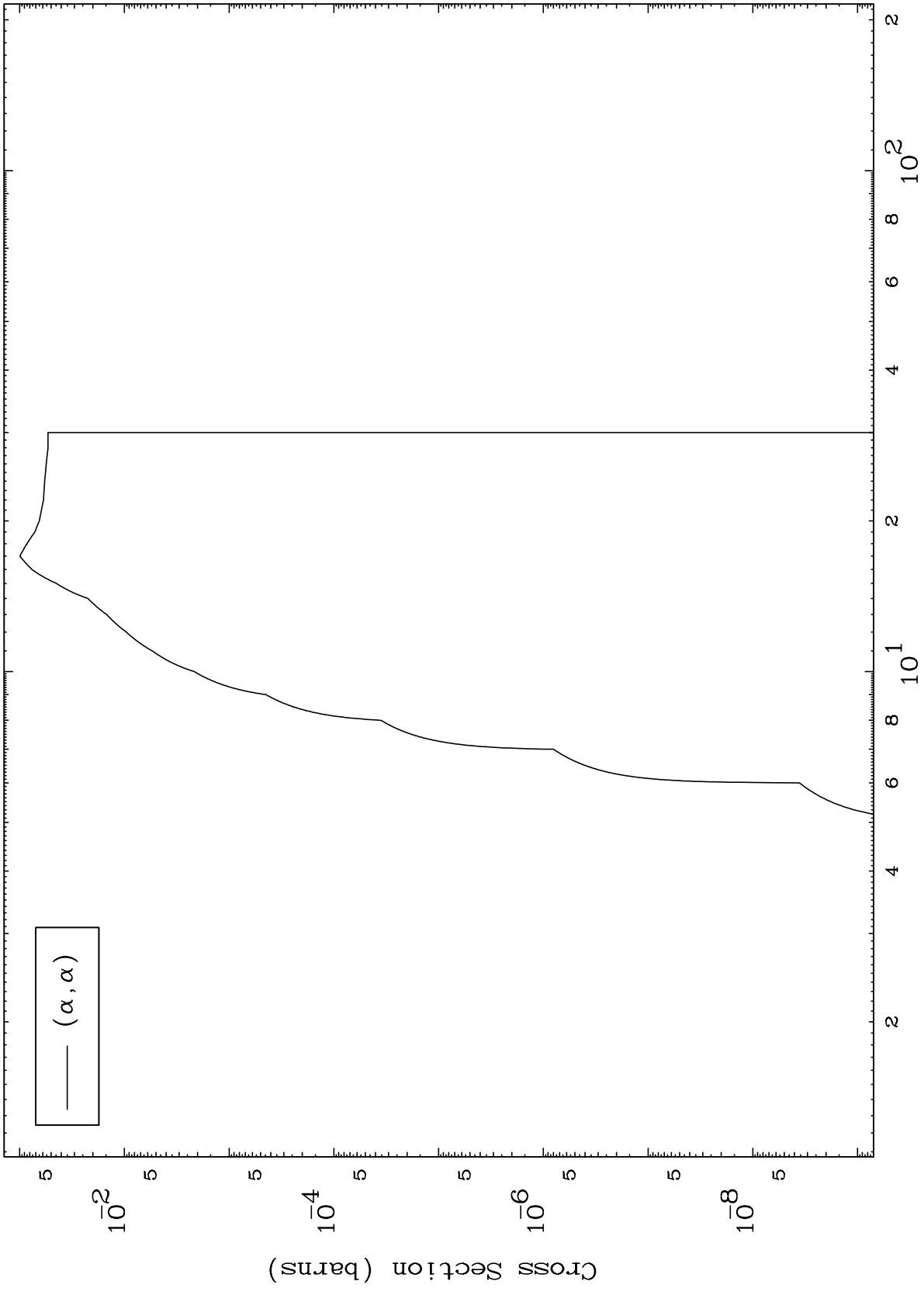
Incident Energy (MeV)

$^{28}\text{Ni-72}$

MAT 2867

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

28-Ni-72



11

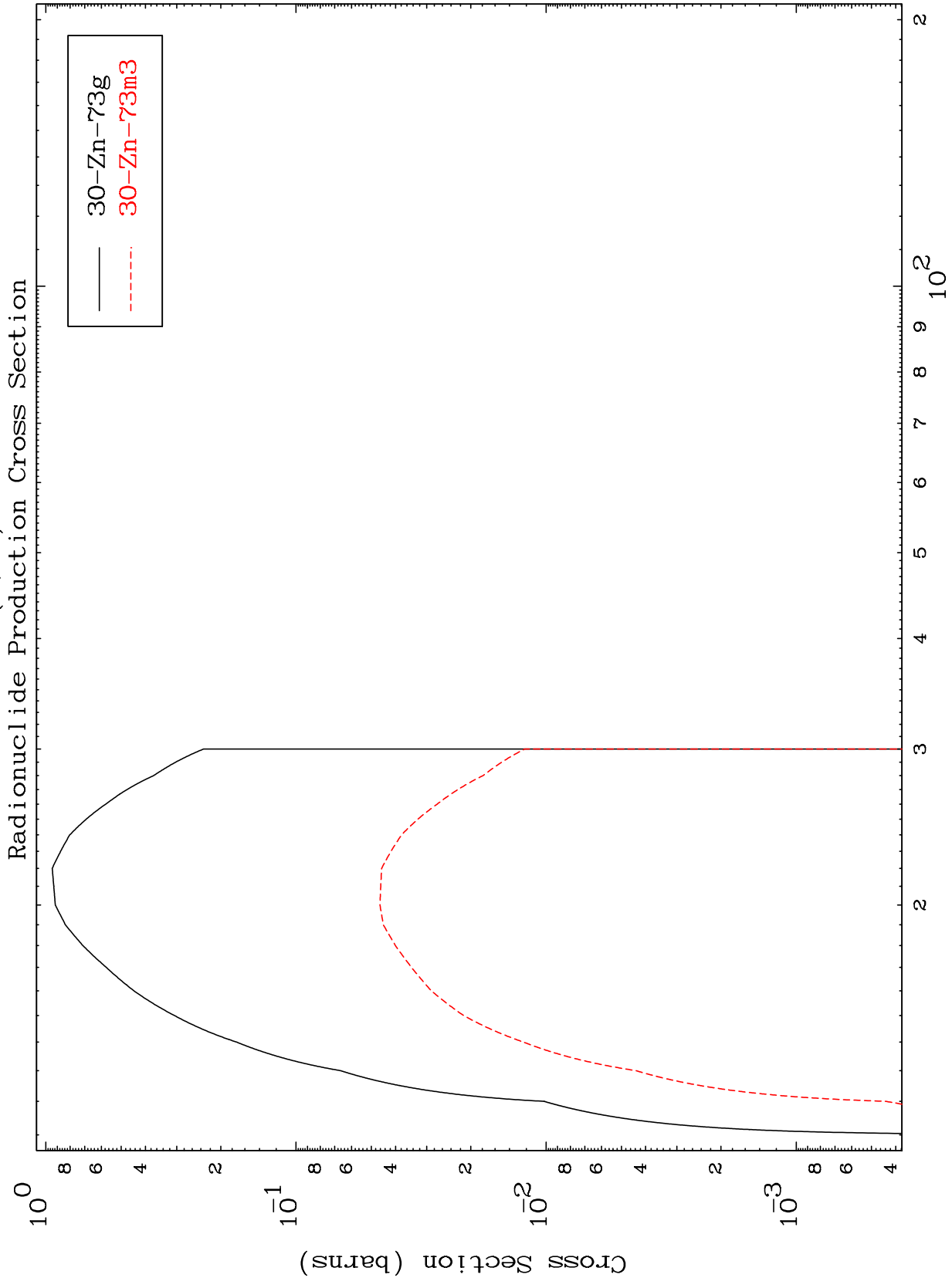
Incident Energy (MeV)

28-Ni-72

MAT 2867

( $\alpha, 3n$ )

<sup>28</sup>Ni-72



12

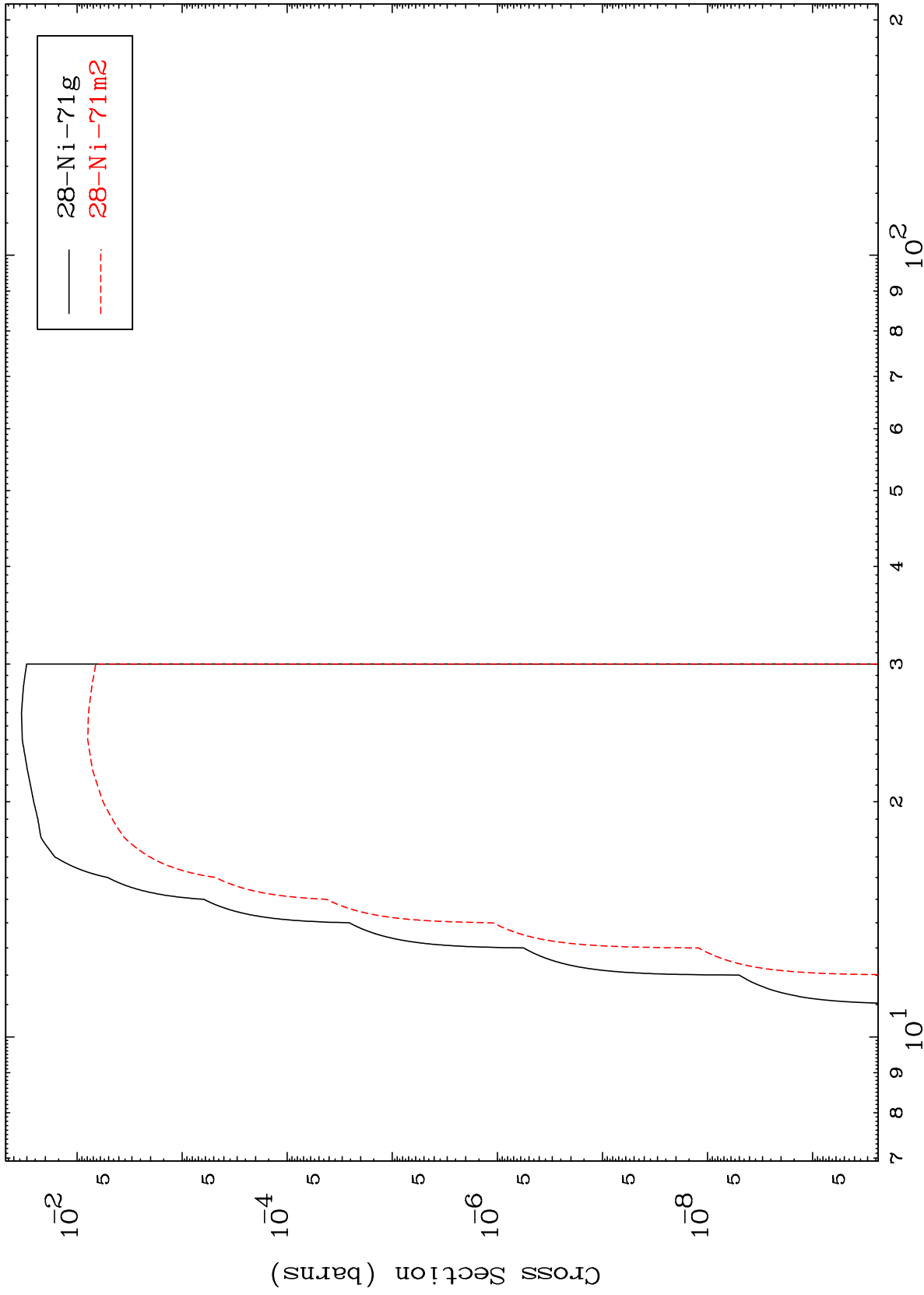
<sup>28</sup>Ni-72

MAT 2867

$(\alpha, n')$   $\alpha$

$^{28}\text{Ni-72}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{28}\text{Ni-72}$