

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

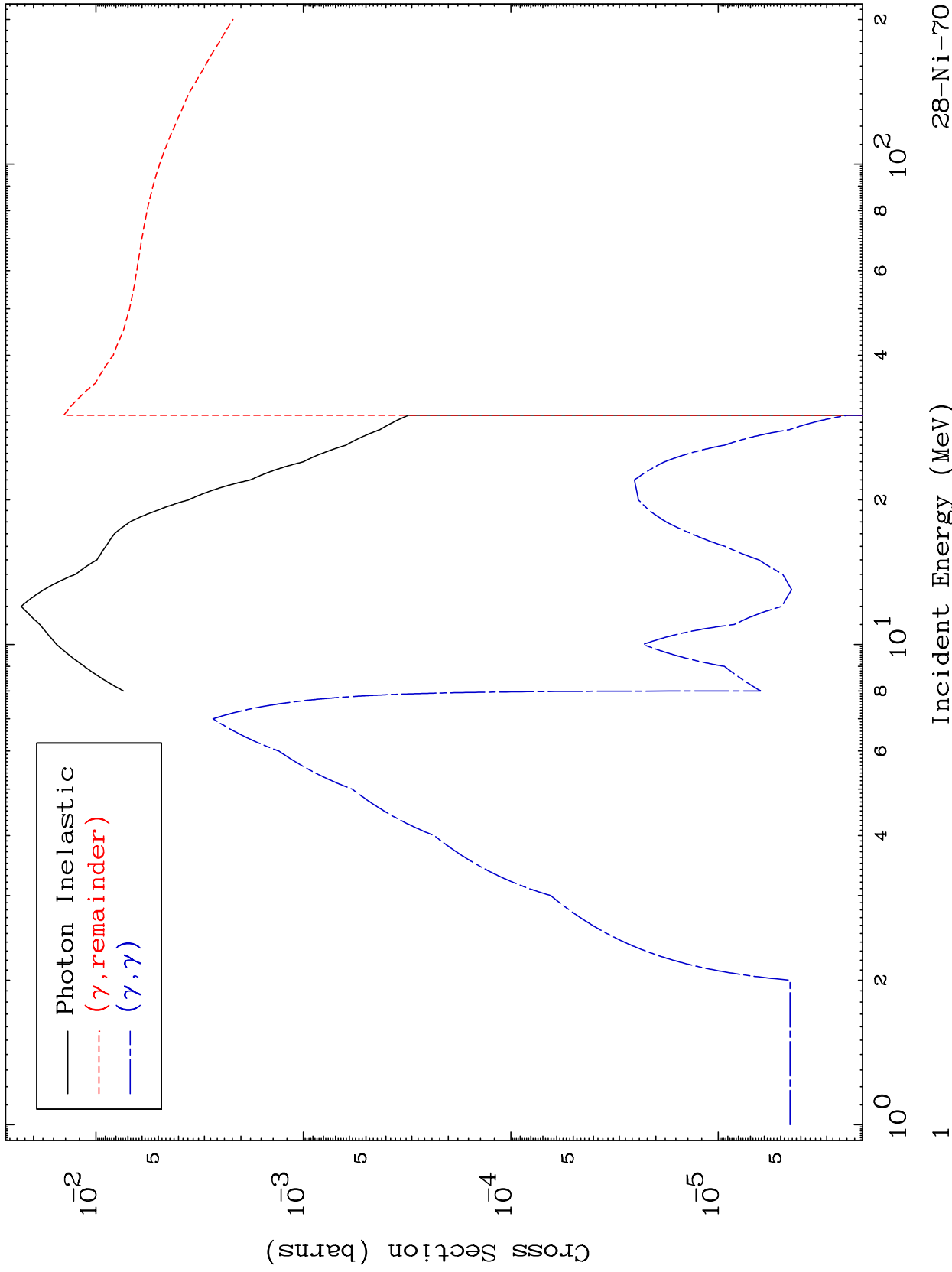
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2861

Photon Major  
0 Kelvin Cross Sections

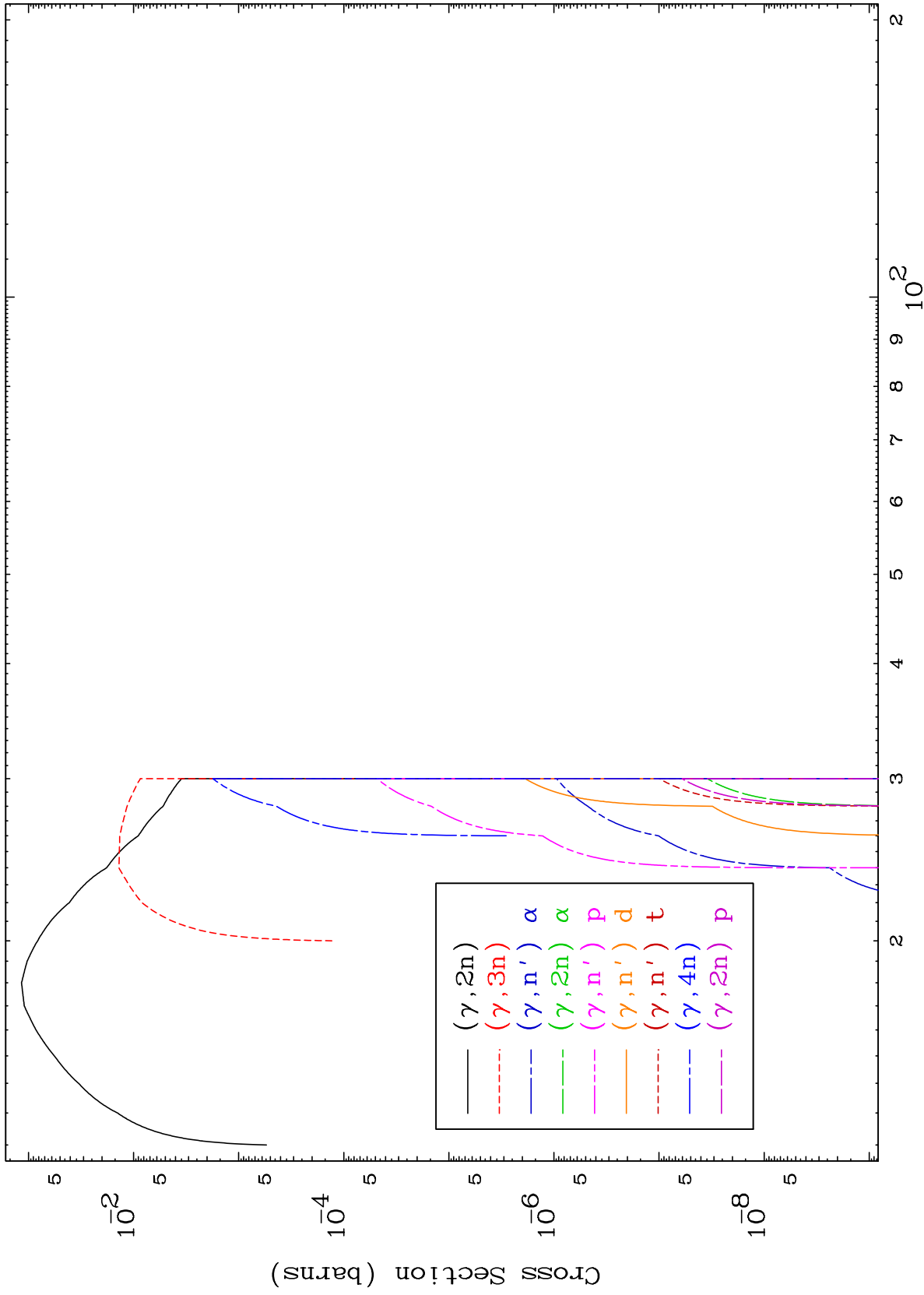
28-Ni-70



MAT 2861

Photon Neutron Production  
0 Kelvin Cross Sections

28-Ni-70



2

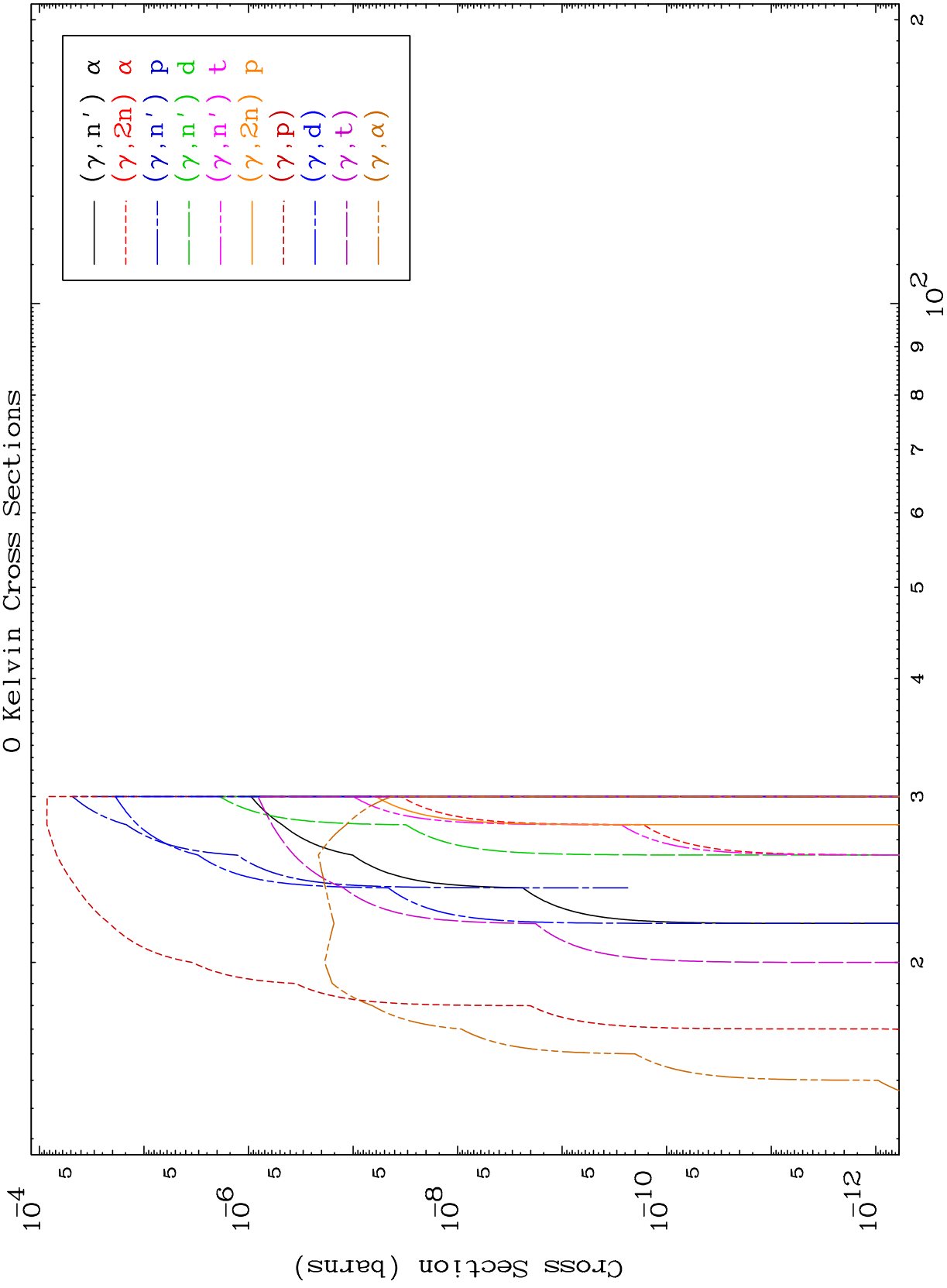
Incident Energy (MeV)

28-Ni-70

MAT 2861

Photon Charged Particle  
0 Kelvin Cross Sections

28-Ni-70



3

Incident Energy (MeV)

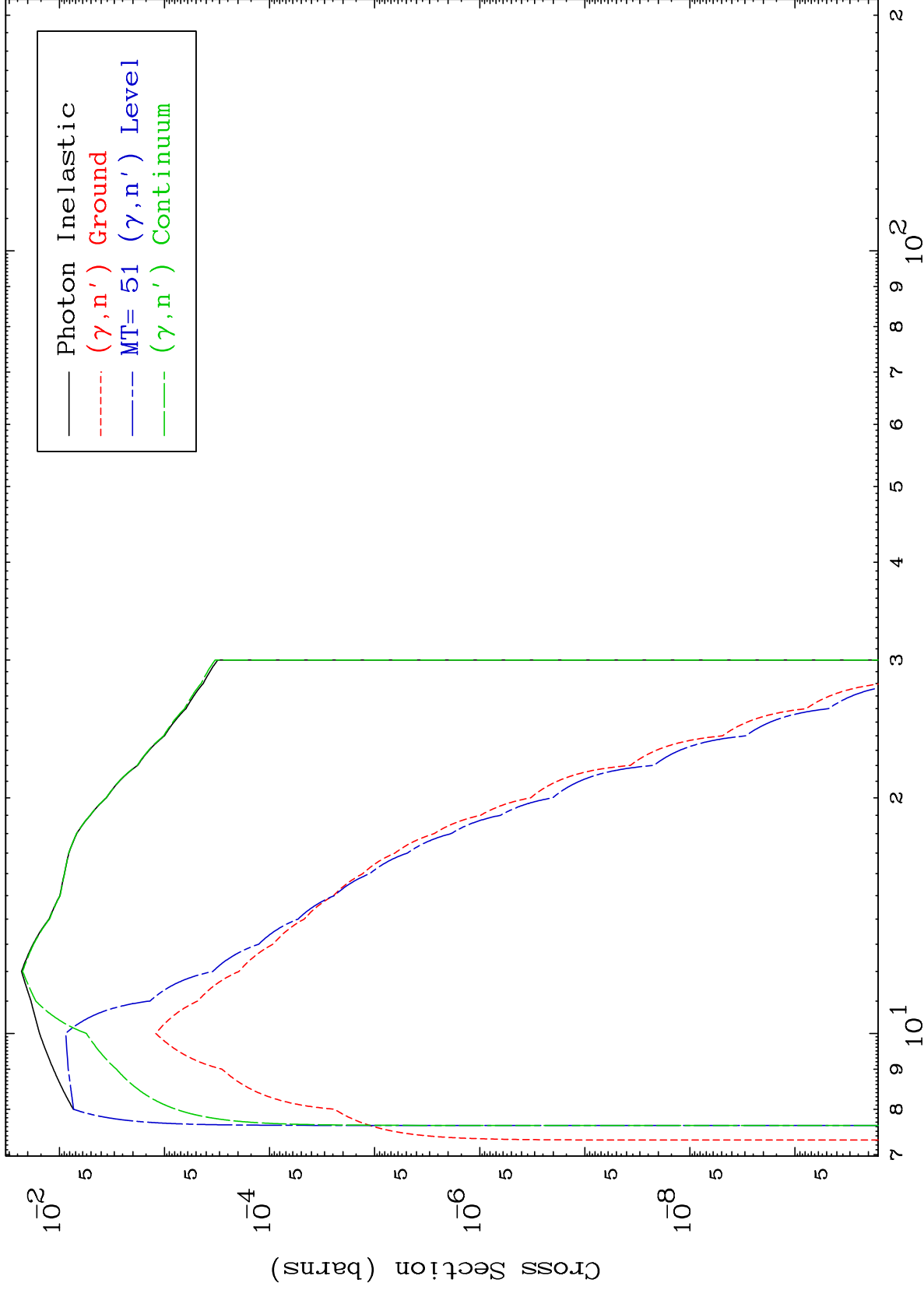
28-Ni-70

MAT 2861

$(\gamma, n')$  Level

28-Ni-70

0 Kelvin Cross Sections



4

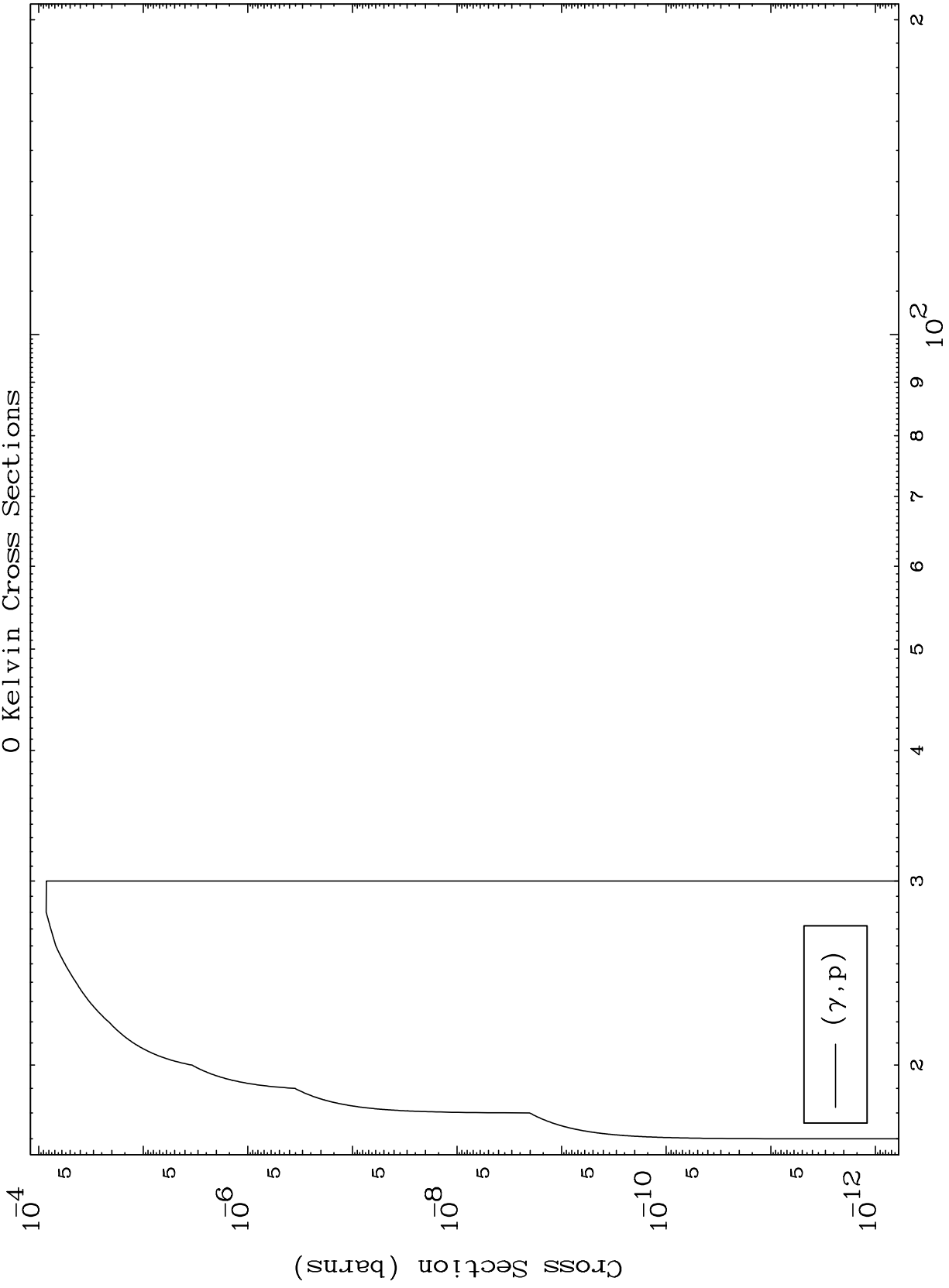
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



5

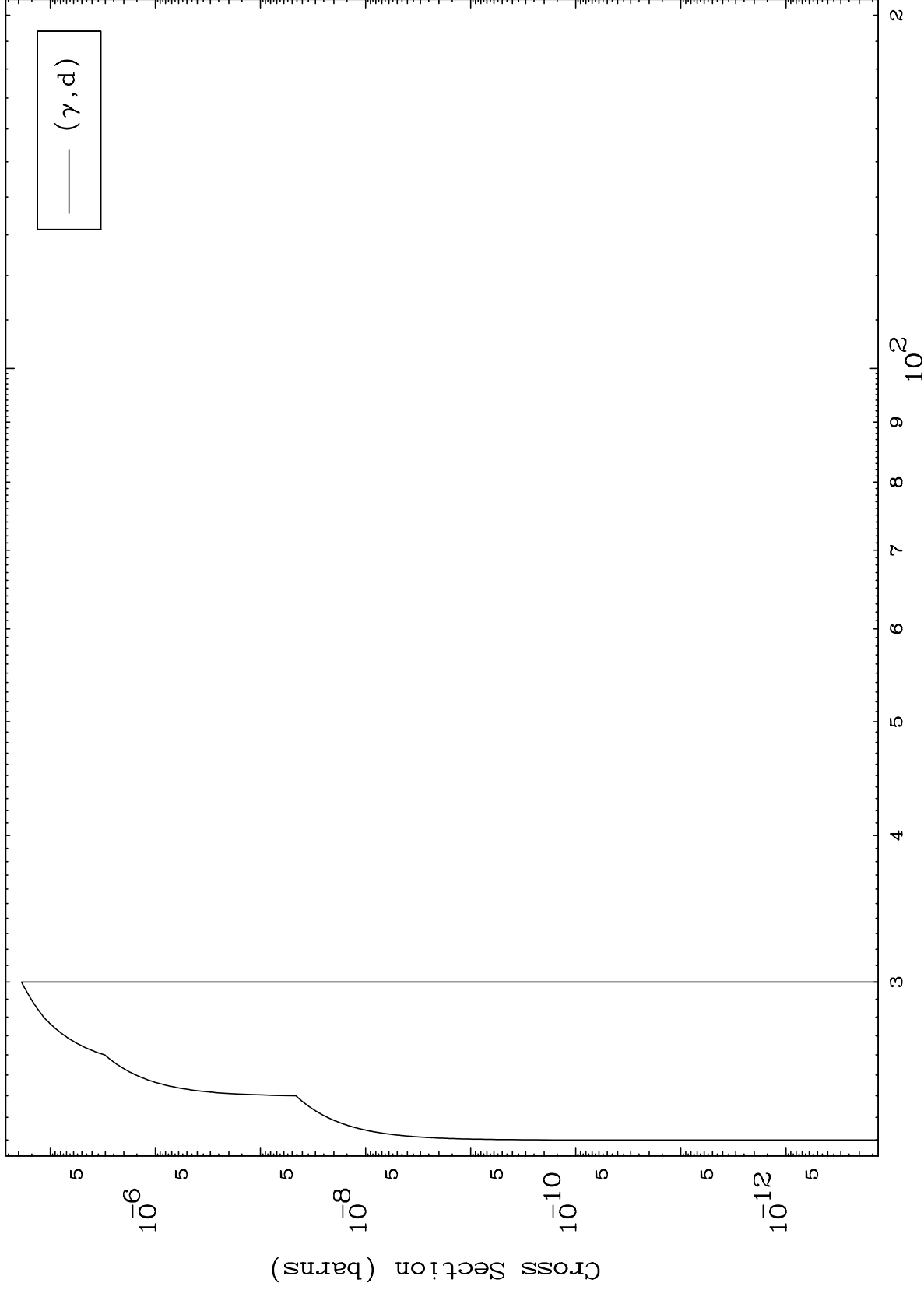
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



6

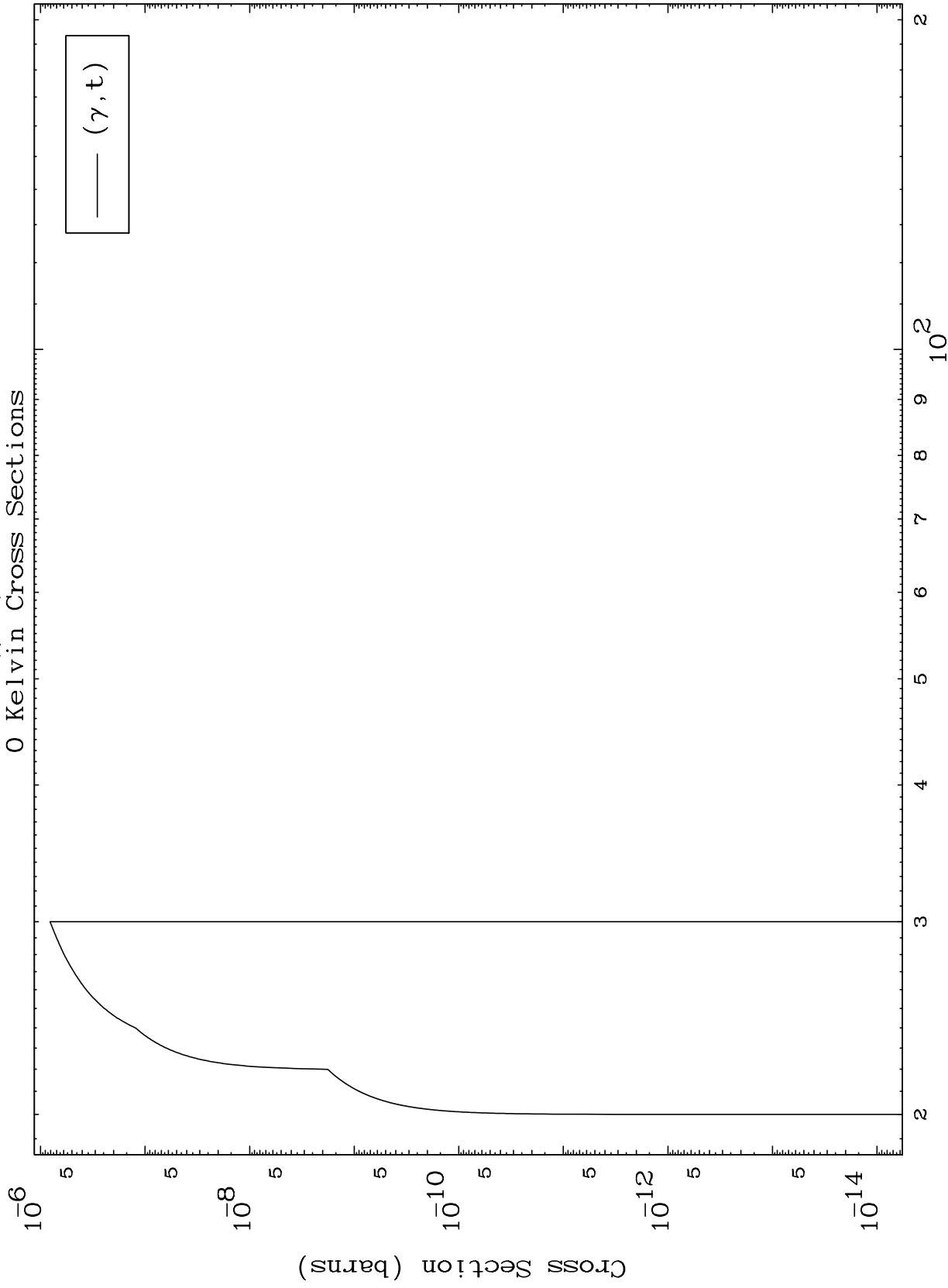
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



7

Incident Energy (MeV)

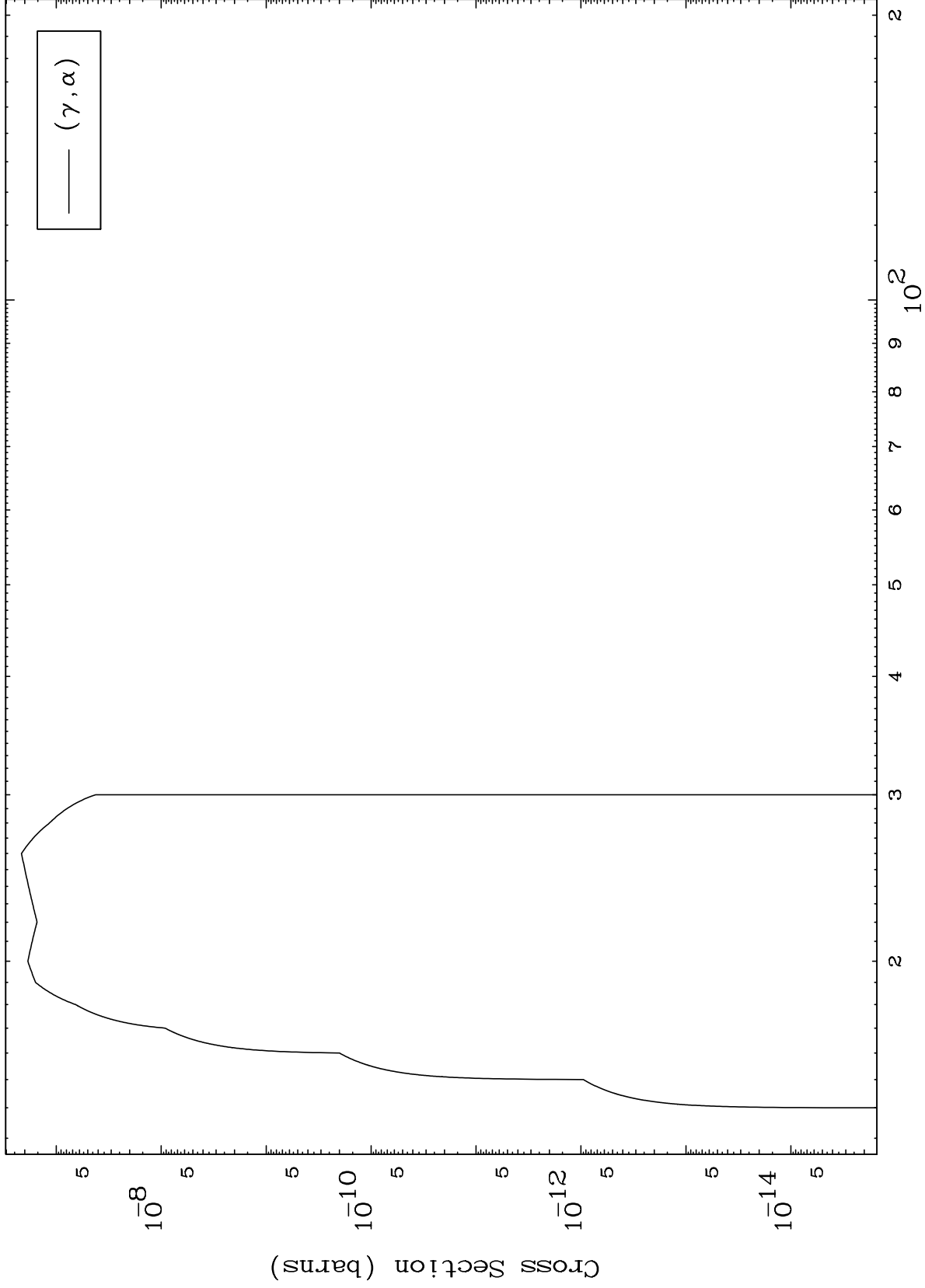
28-Ni-70



MAT 2861

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

28-Ni-70



8

Incident Energy (MeV)

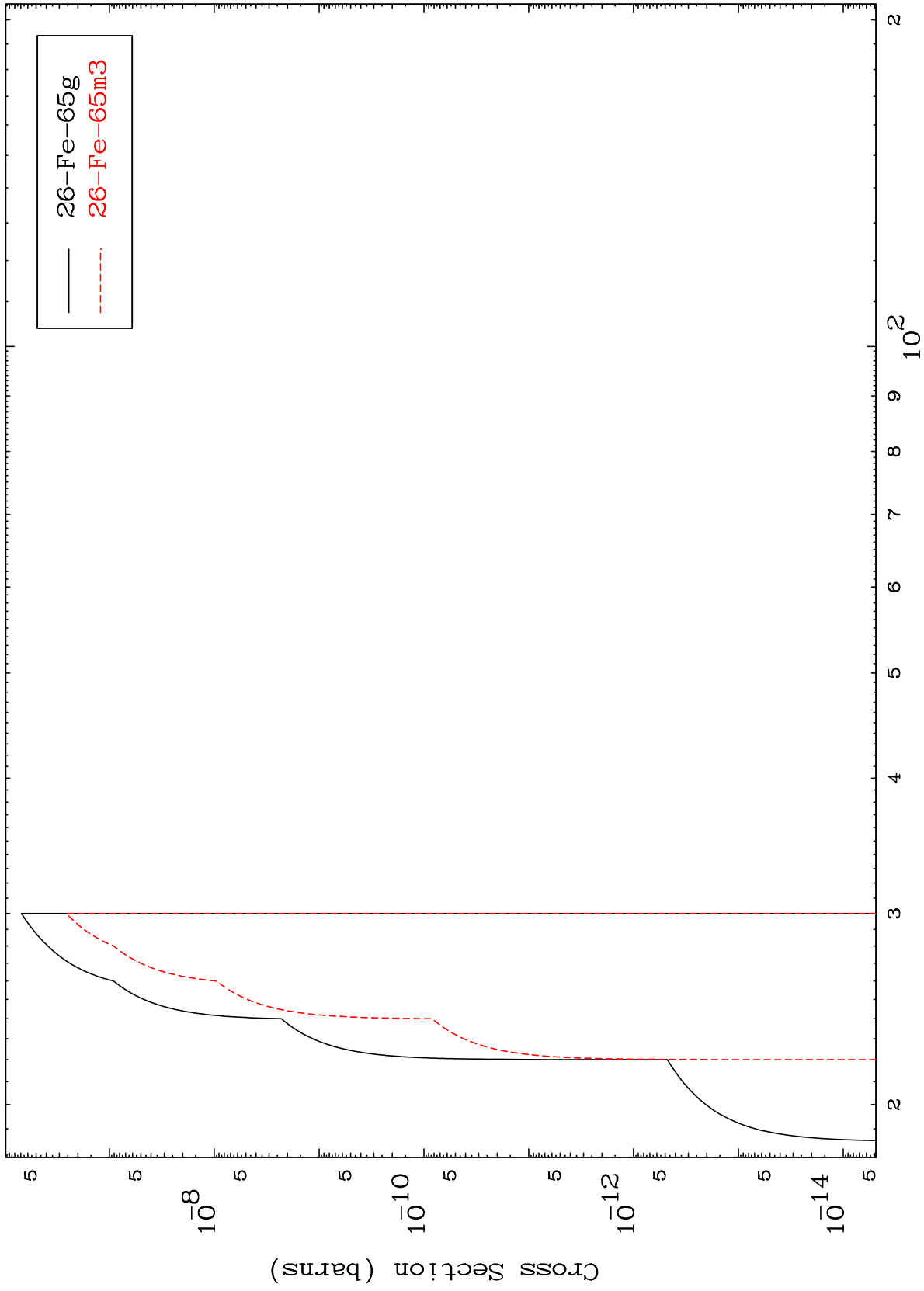
28-Ni-70

MAT 2861

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

28-Ni-70

Radionuclide Production Cross Section



9

Incident Energy (MeV)

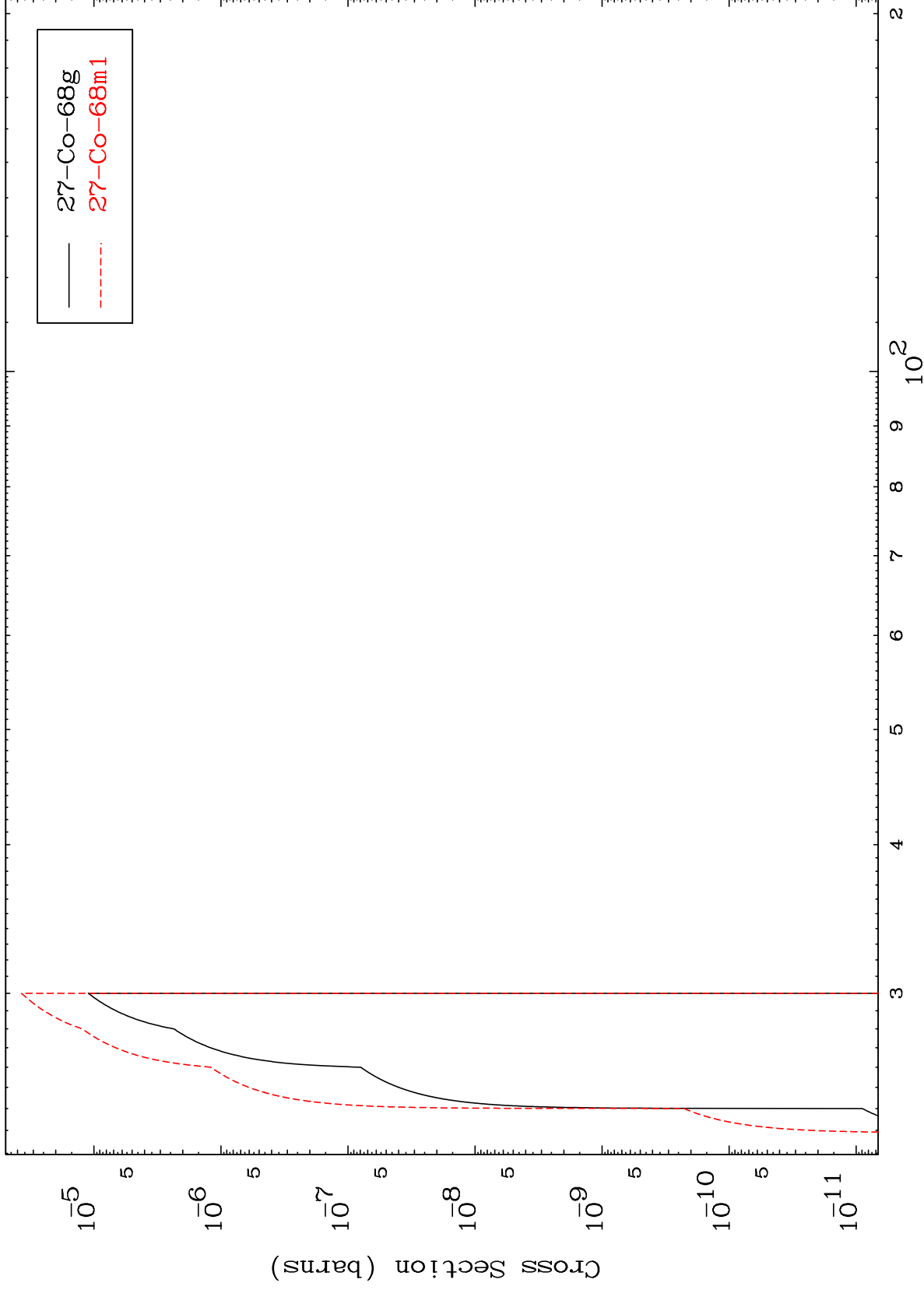
28-Ni-70

MAT 2861

$(\gamma, n')$  p

$^{28}\text{Ni}-70$

Radionuclide Production Cross Section



10

Incident Energy (MeV)

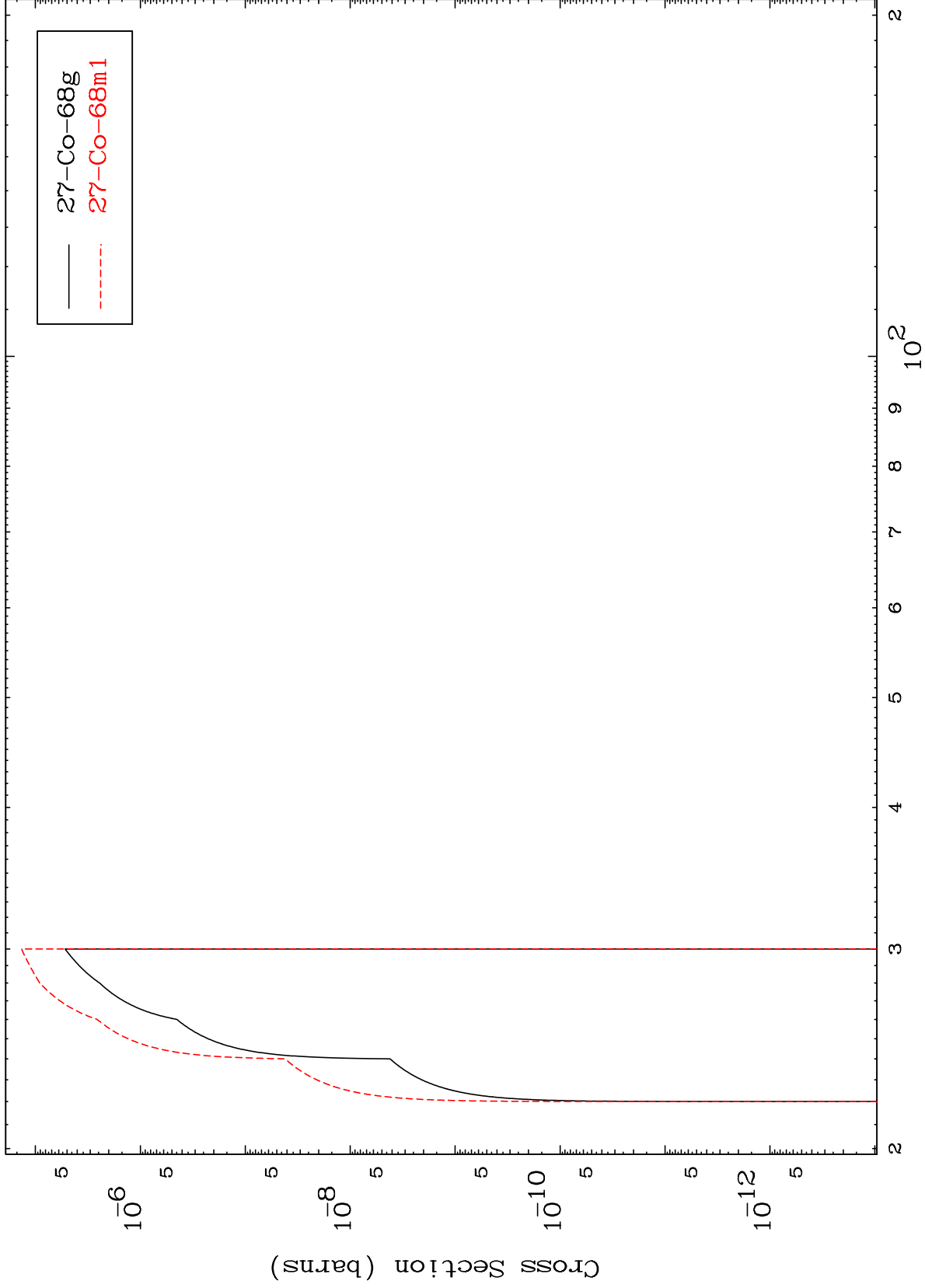
10<sup>2</sup>

$^{28}\text{Ni}-70$

MAT 2861

<sup>28</sup>Ni-70

( $\gamma, d$ )  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

<sup>28</sup>Ni-70