

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

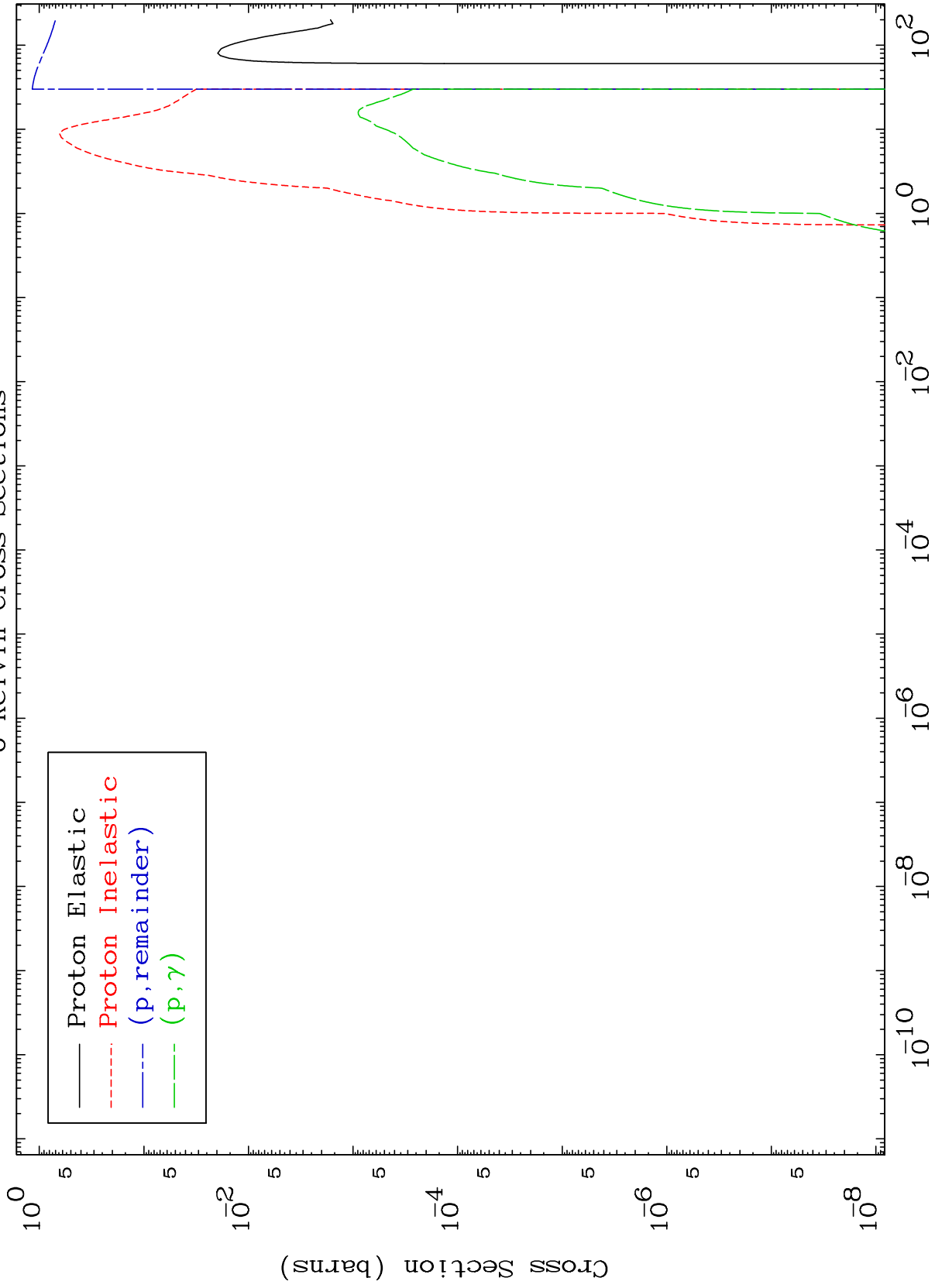
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2840

Proton Major  
0 Kelvin Cross Sections

28-Ni-63



1

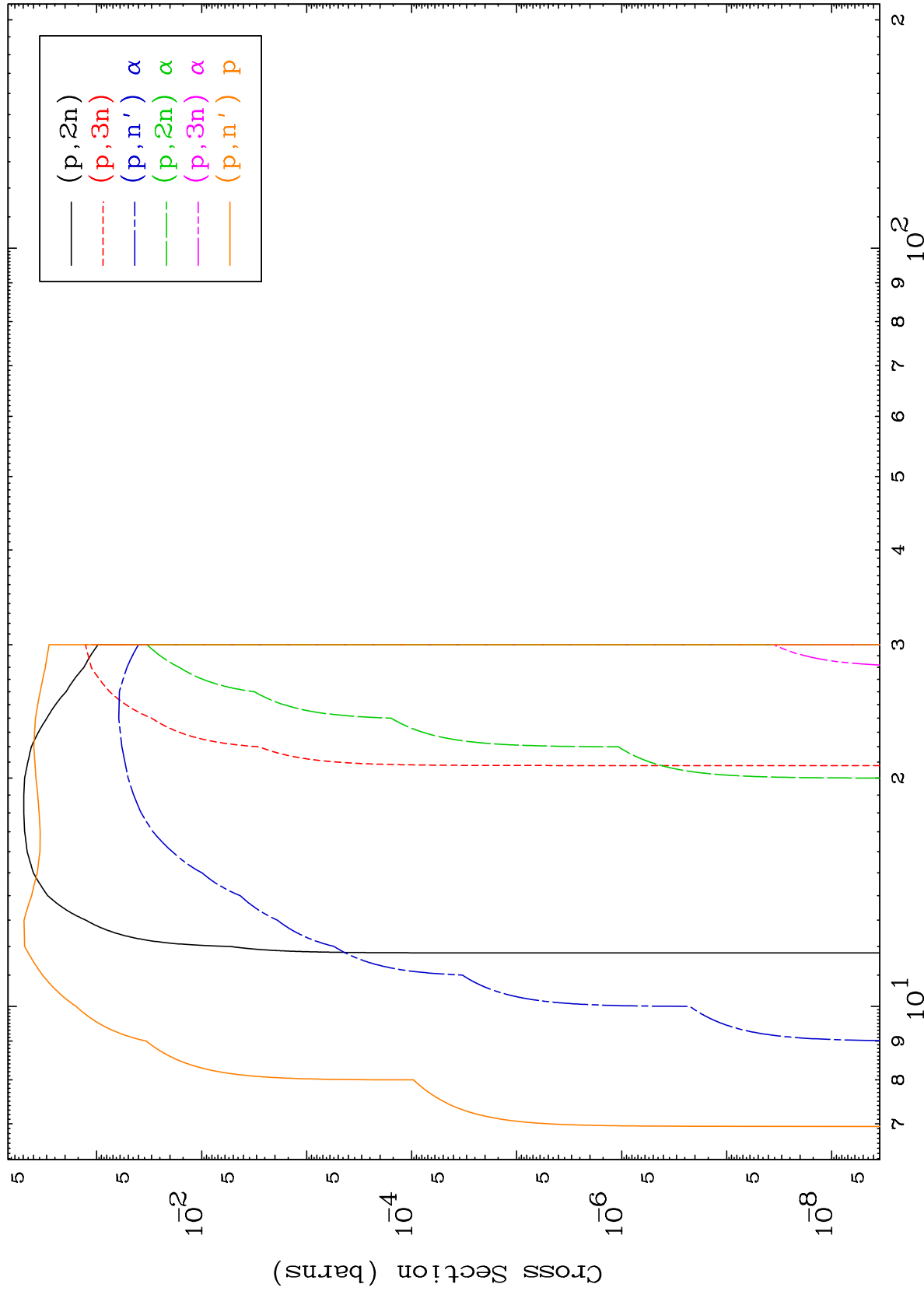
Incident Energy (MeV)

28-Ni-63

MAT 2840

Proton Neutron Production  
0 Kelvin Cross Sections

28-Ni-63



2

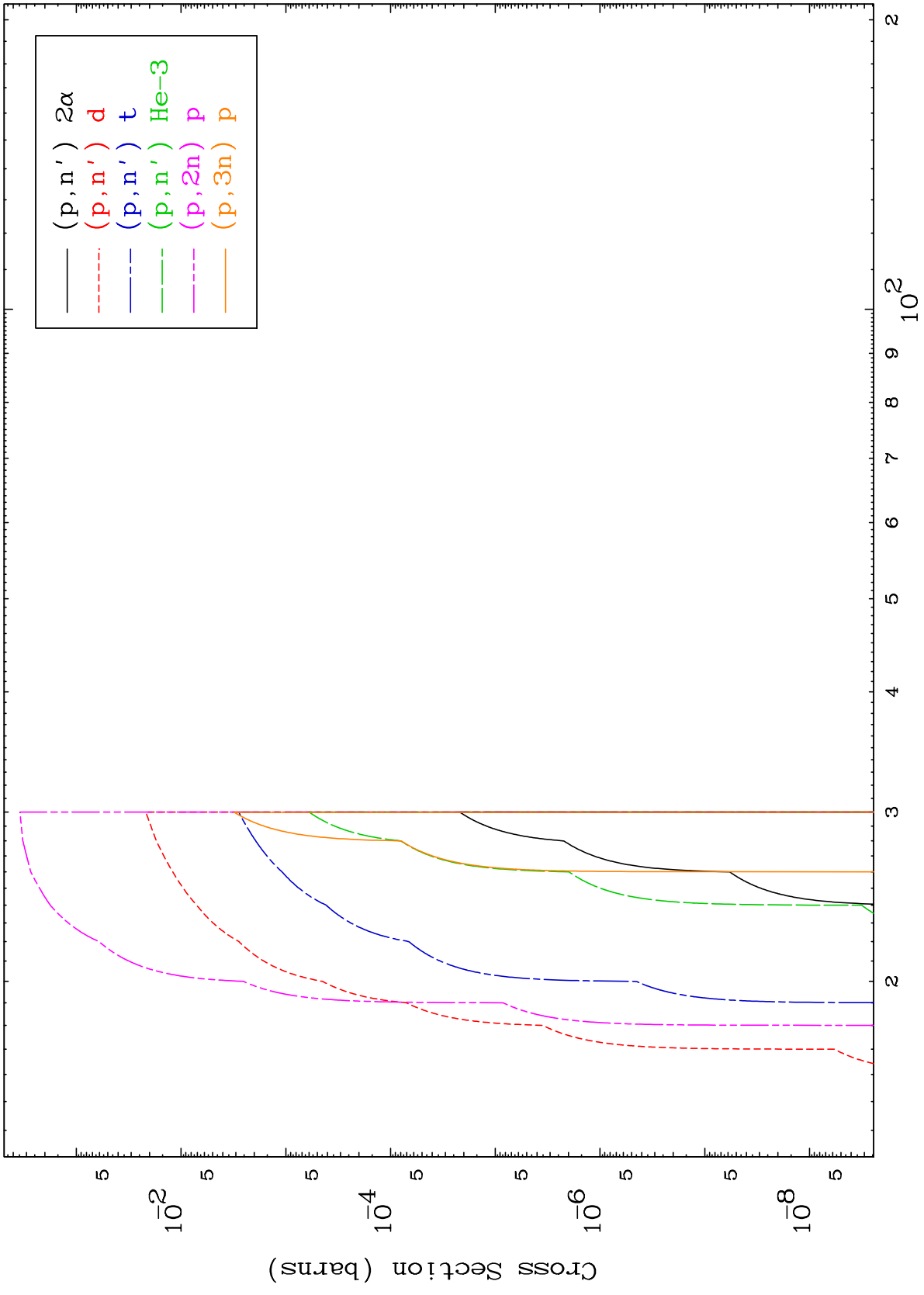
Incident Energy (MeV)

28-Ni-63

MAT 2840

Proton Neutron Production  
0 Kelvin Cross Sections

28-Ni-63



3

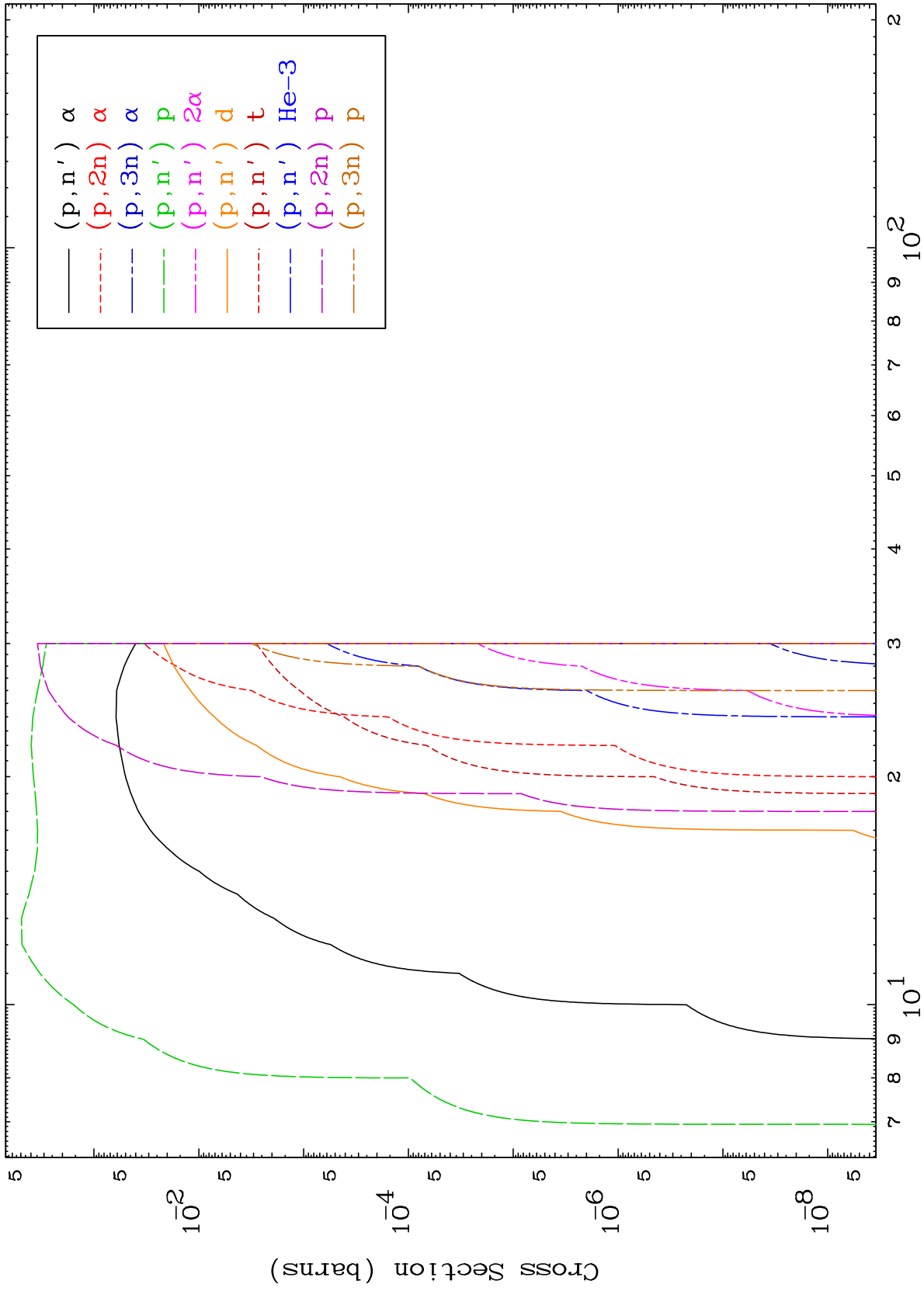
Incident Energy (MeV)

28-Ni-63

MAT 2840

Proton Charged Particle  
0 Kelvin Cross Sections

28-Ni-63



4

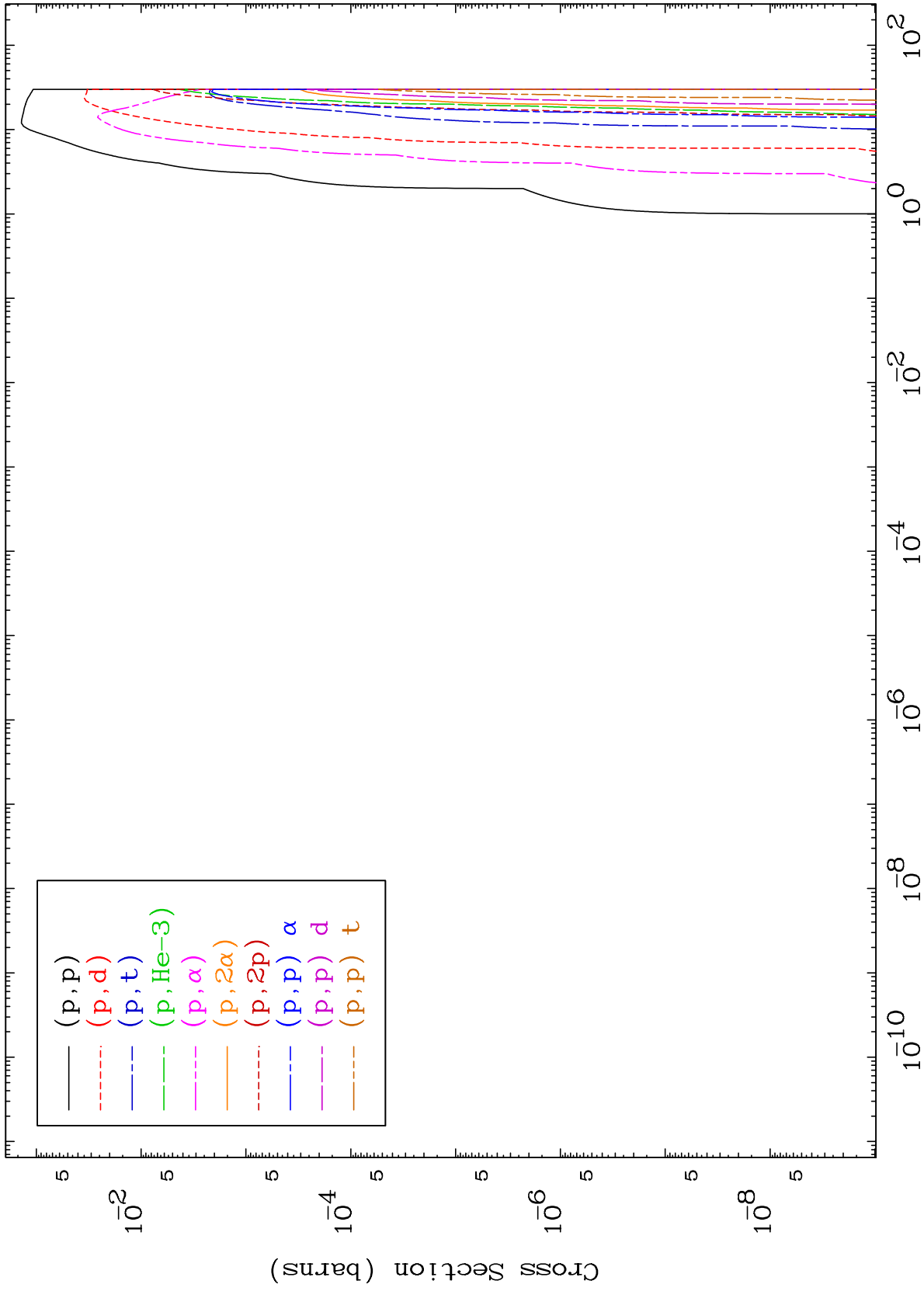
Incident Energy (MeV)

28-Ni-63

MAT 2840

Proton Charged Particle  
0 Kelvin Cross Sections

28-Ni-63



5

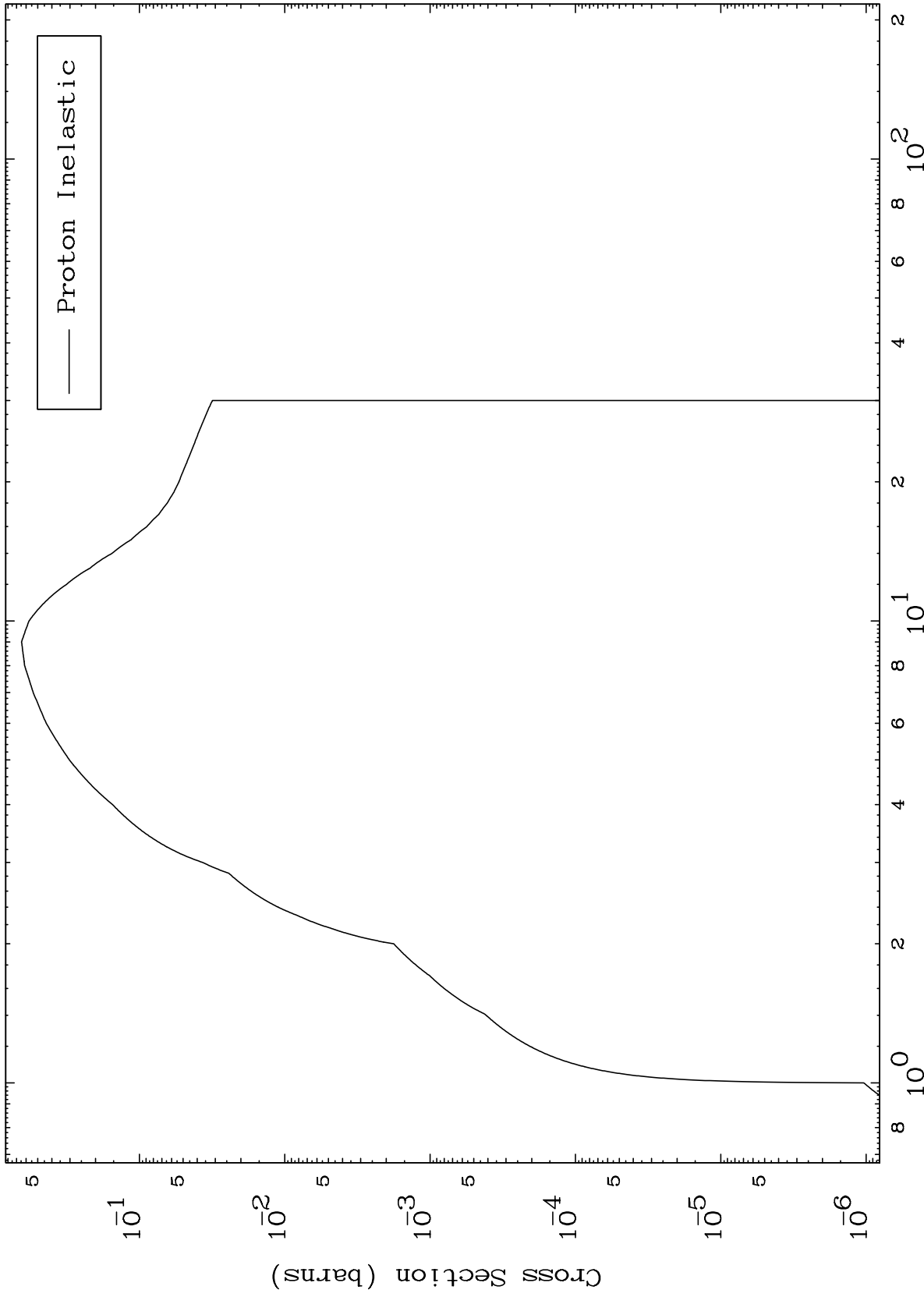
Incident Energy (MeV)

28-Ni-63

MAT 2840

28-Ni-63

(p,n') Level  
0 Kelvin Cross Sections



6

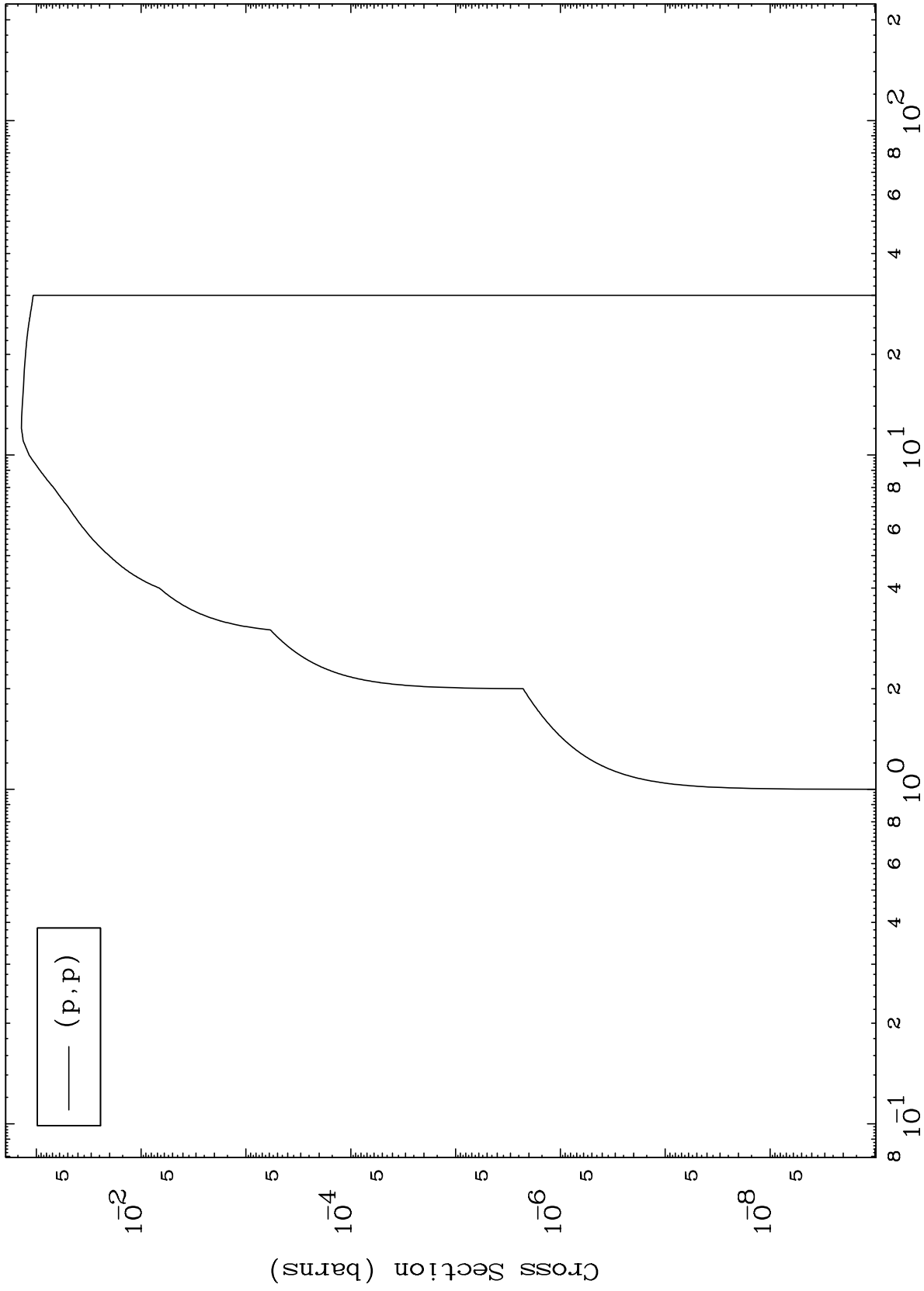
Incident Energy (MeV)

28-Ni-63

MAT 2840

(p,p) Levels  
0 Kelvin Cross Sections

28-Ni-63



7

Incident Energy (MeV)

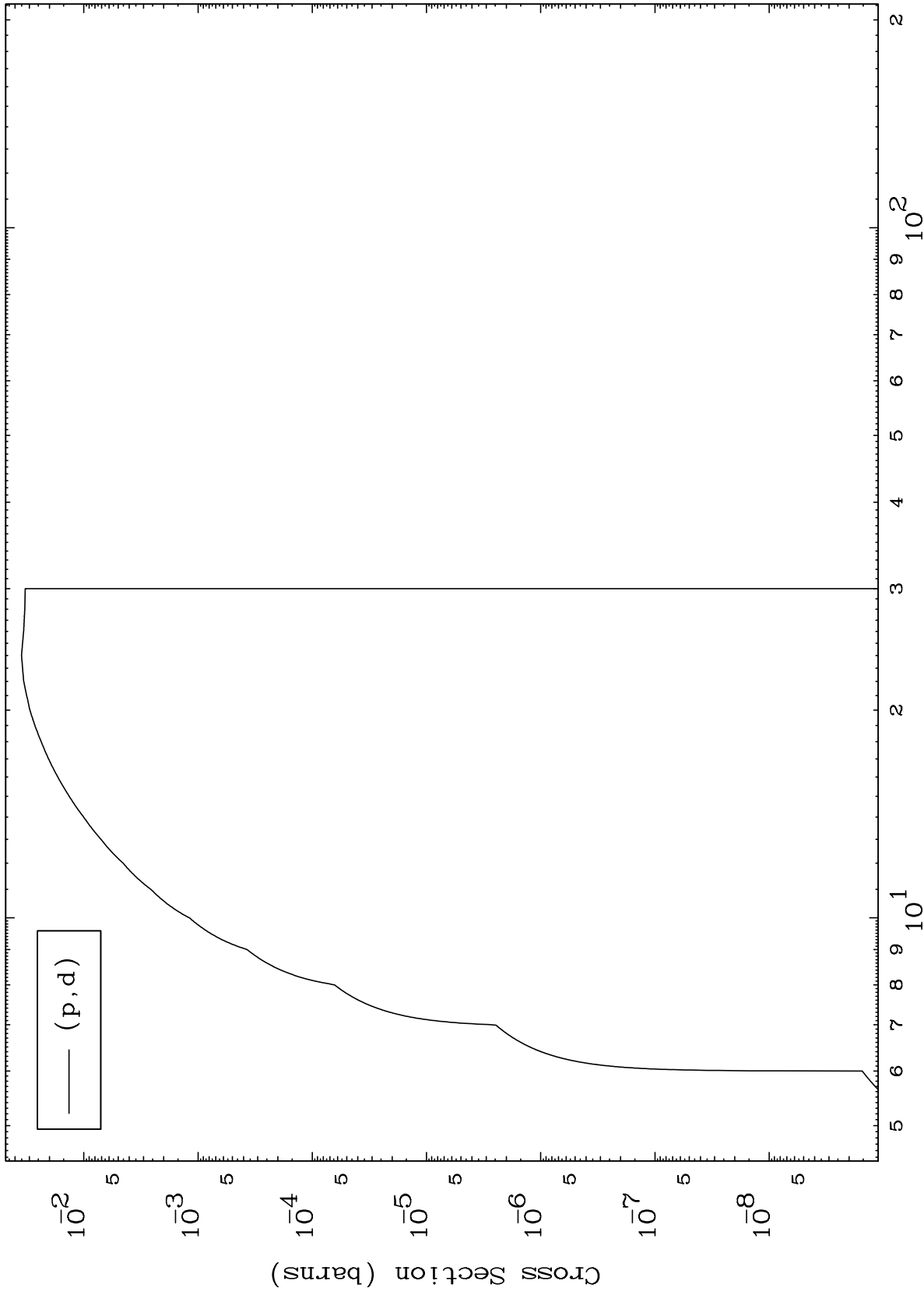
28-Ni-63



MAT 2840

(p,d) Levels  
0 Kelvin Cross Sections

28-Ni-63



8

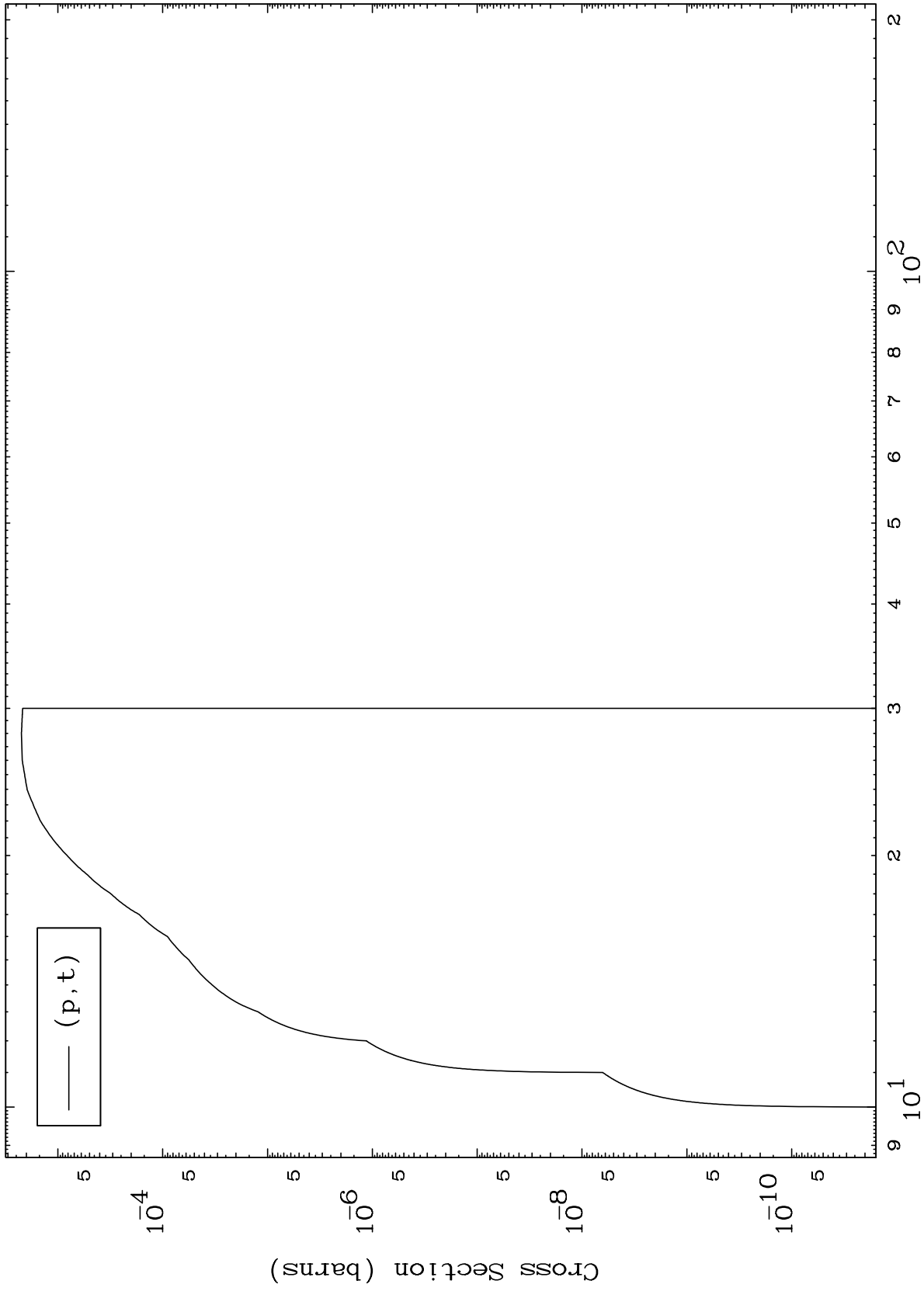
Incident Energy (MeV)

28-Ni-63

MAT 2840

(p,t) Levels  
0 Kelvin Cross Sections

28-Ni-63



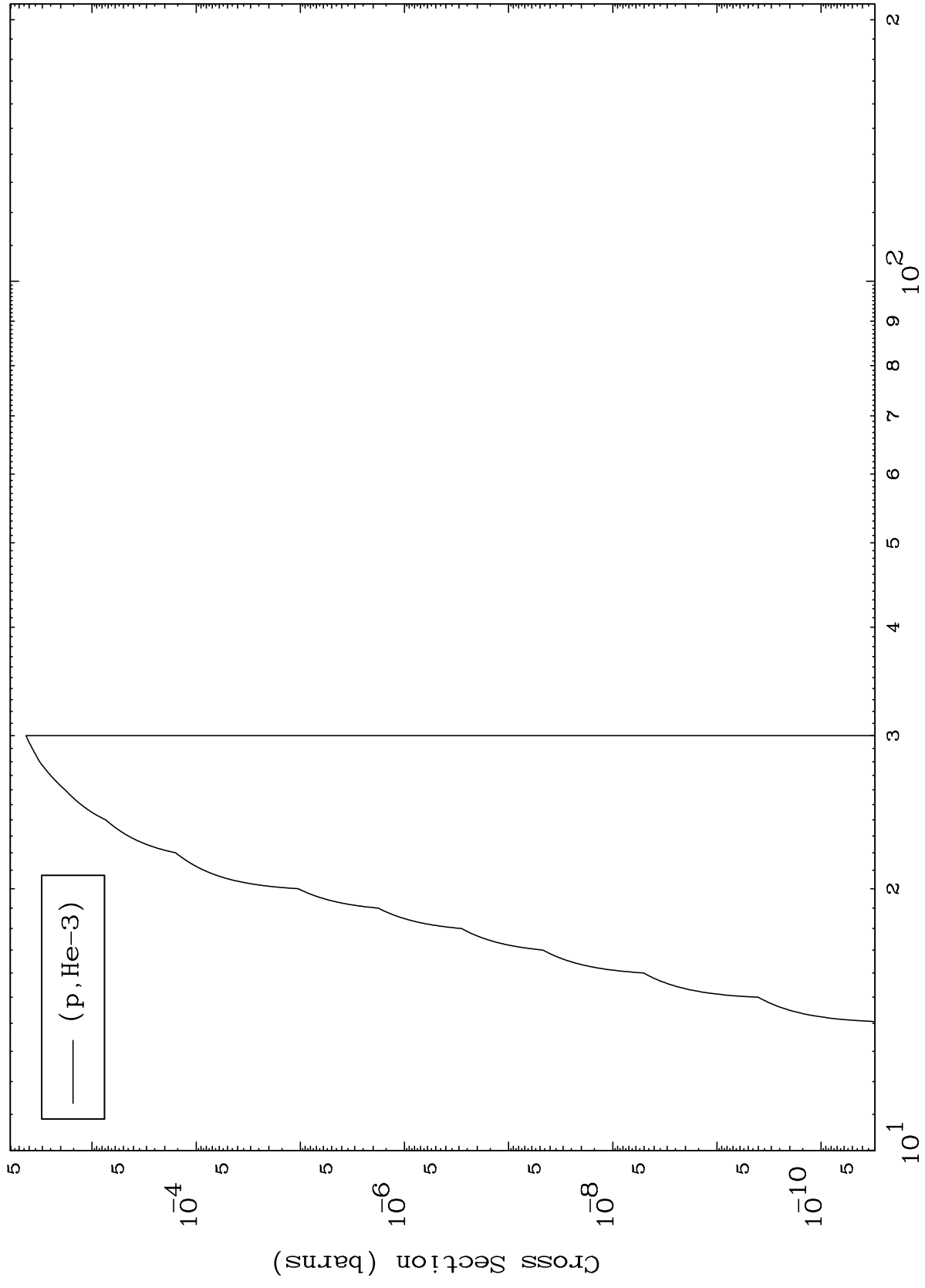
Incident Energy (MeV)

28-Ni-63

MAT 2840

(p,He3) Levels  
0 Kelvin Cross Sections

28-Ni-63



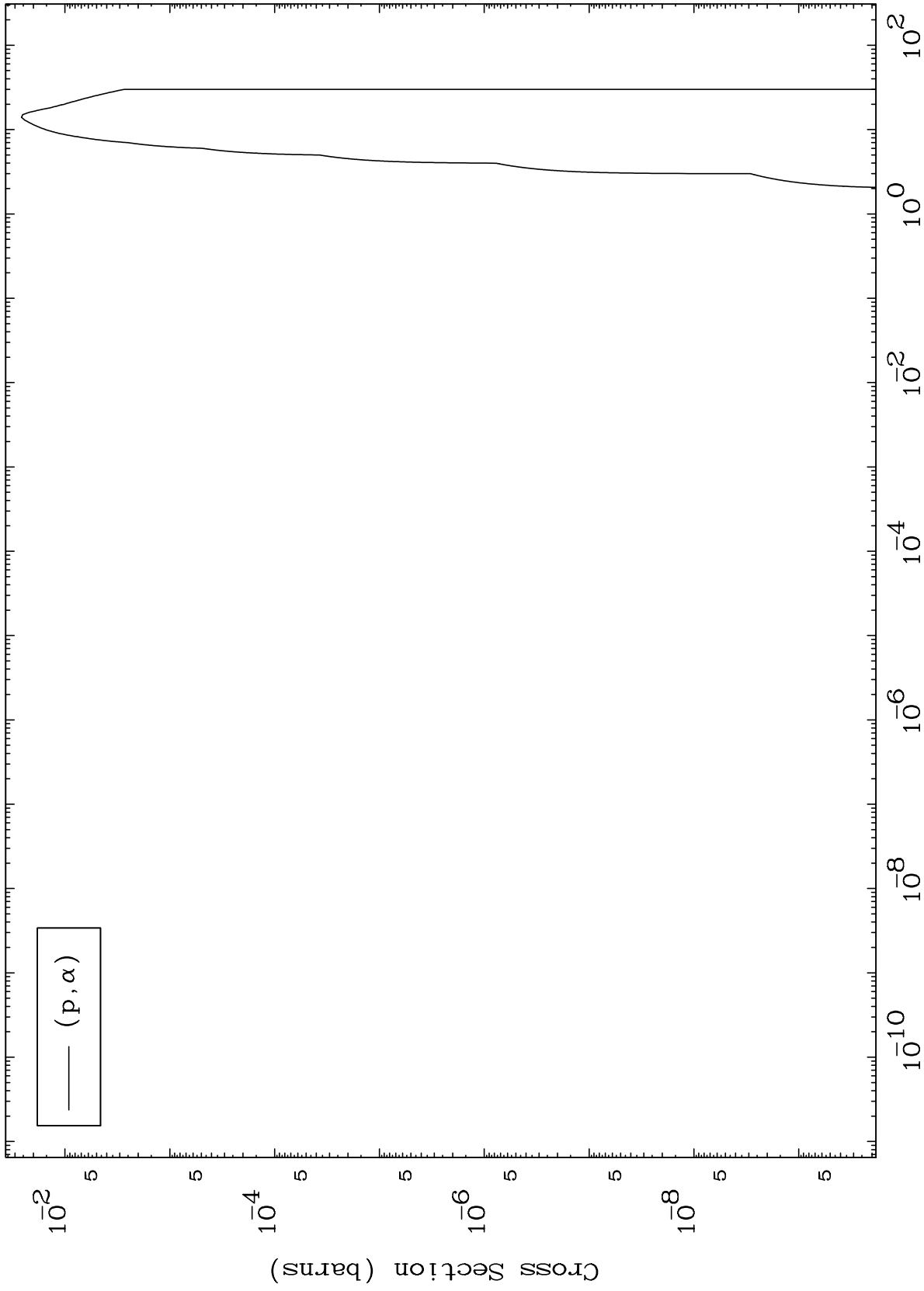
Incident Energy (MeV)

28-Ni-63

MAT 2840

(p,α) Levels  
0 Kelvin Cross Sections

28-Ni-63



11

Incident Energy (MeV)

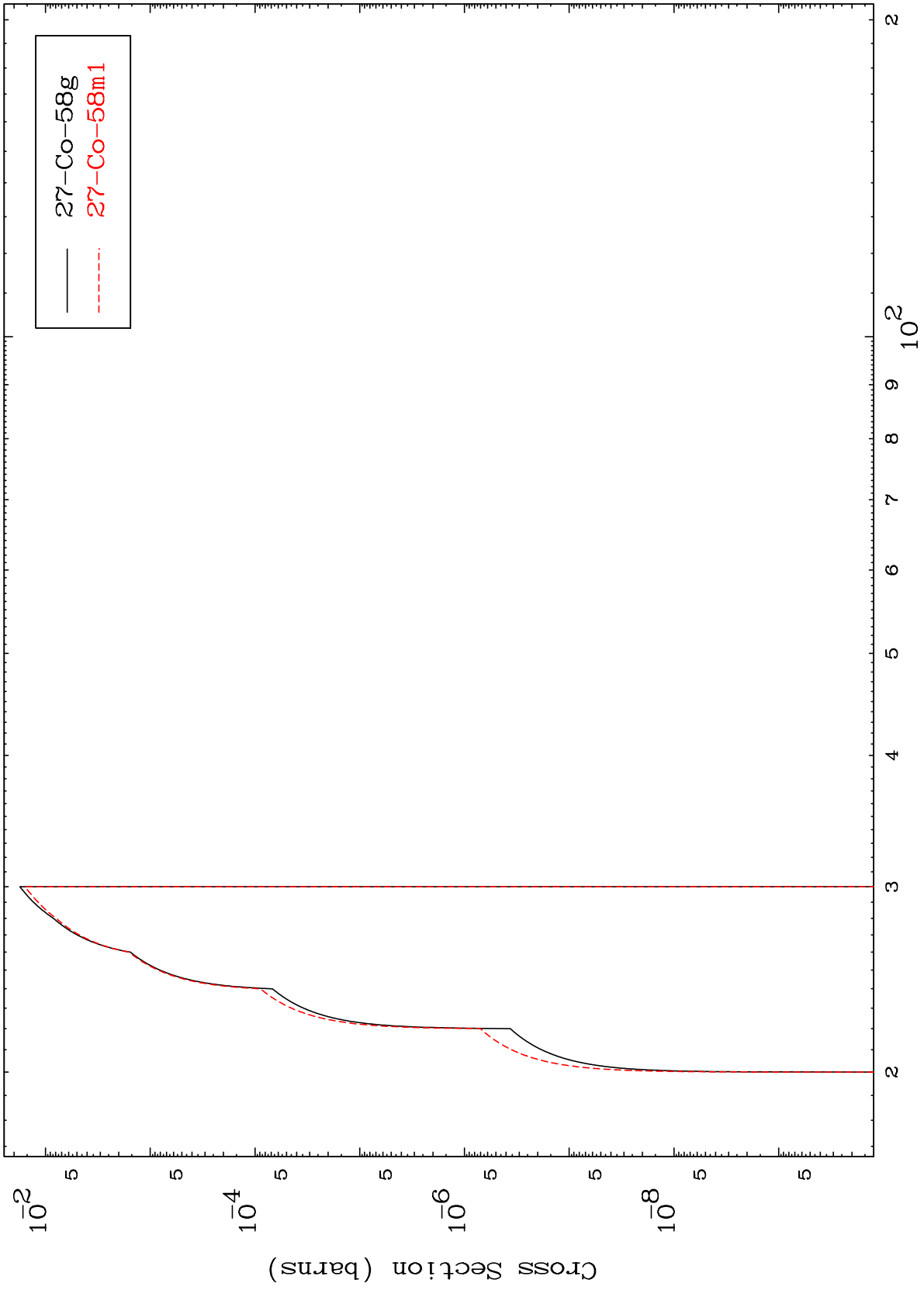
28-Ni-63

MAT 2840

(p,2n)  $\alpha$

<sup>28</sup>Ni-63

Radionuclide Production Cross Section



12

Incident Energy (MeV)

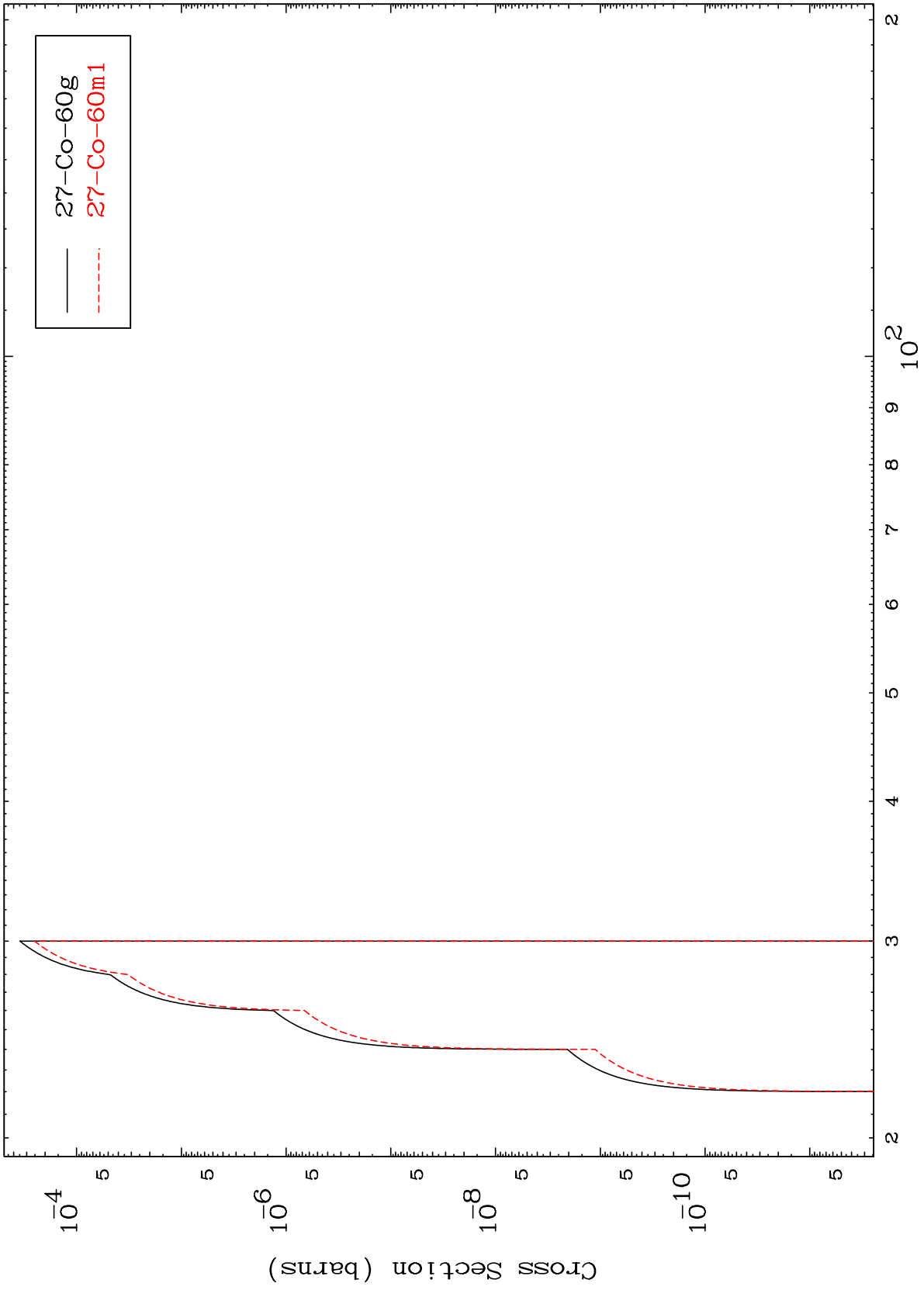
<sup>28</sup>Ni-63

MAT 2840

(p,n') He-3

<sup>28</sup>Ni-63

Radionuclide Production Cross Section



13

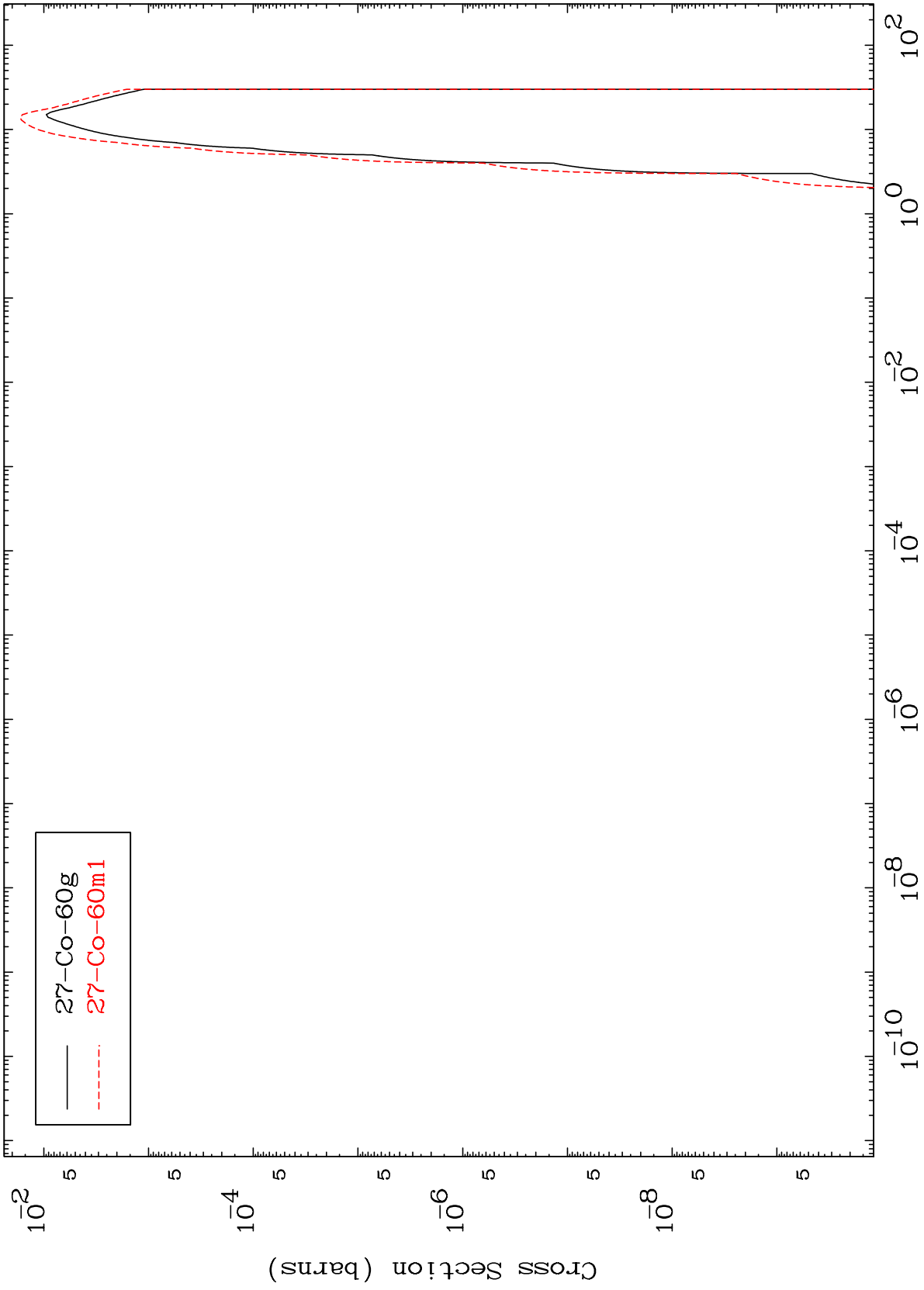
Incident Energy (MeV)

<sup>28</sup>Ni-63

MAT 2840

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

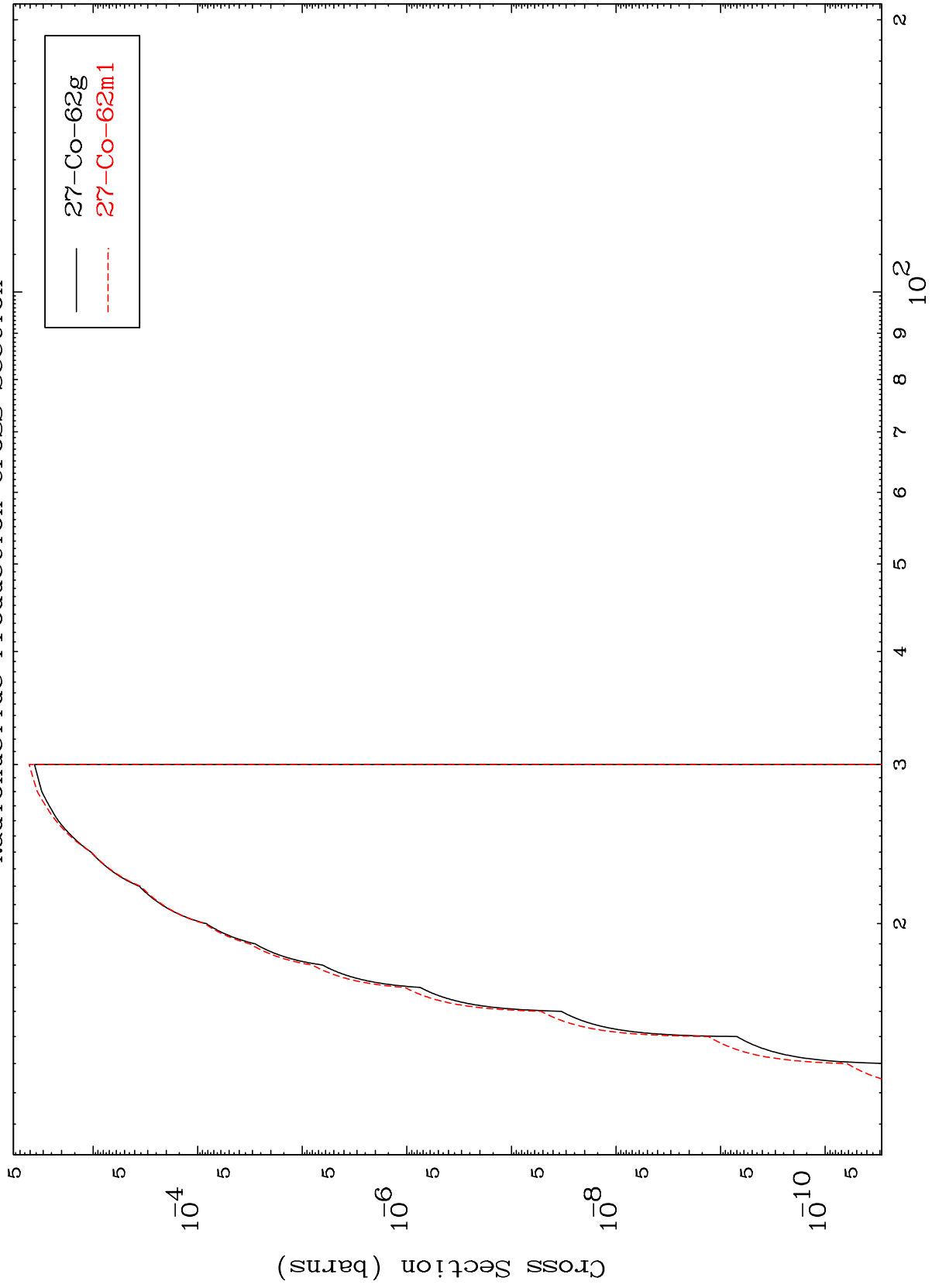
$^{28}\text{Ni-63}$



MAT 2840

28-Ni-63

(p,2p)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

28-Ni-63

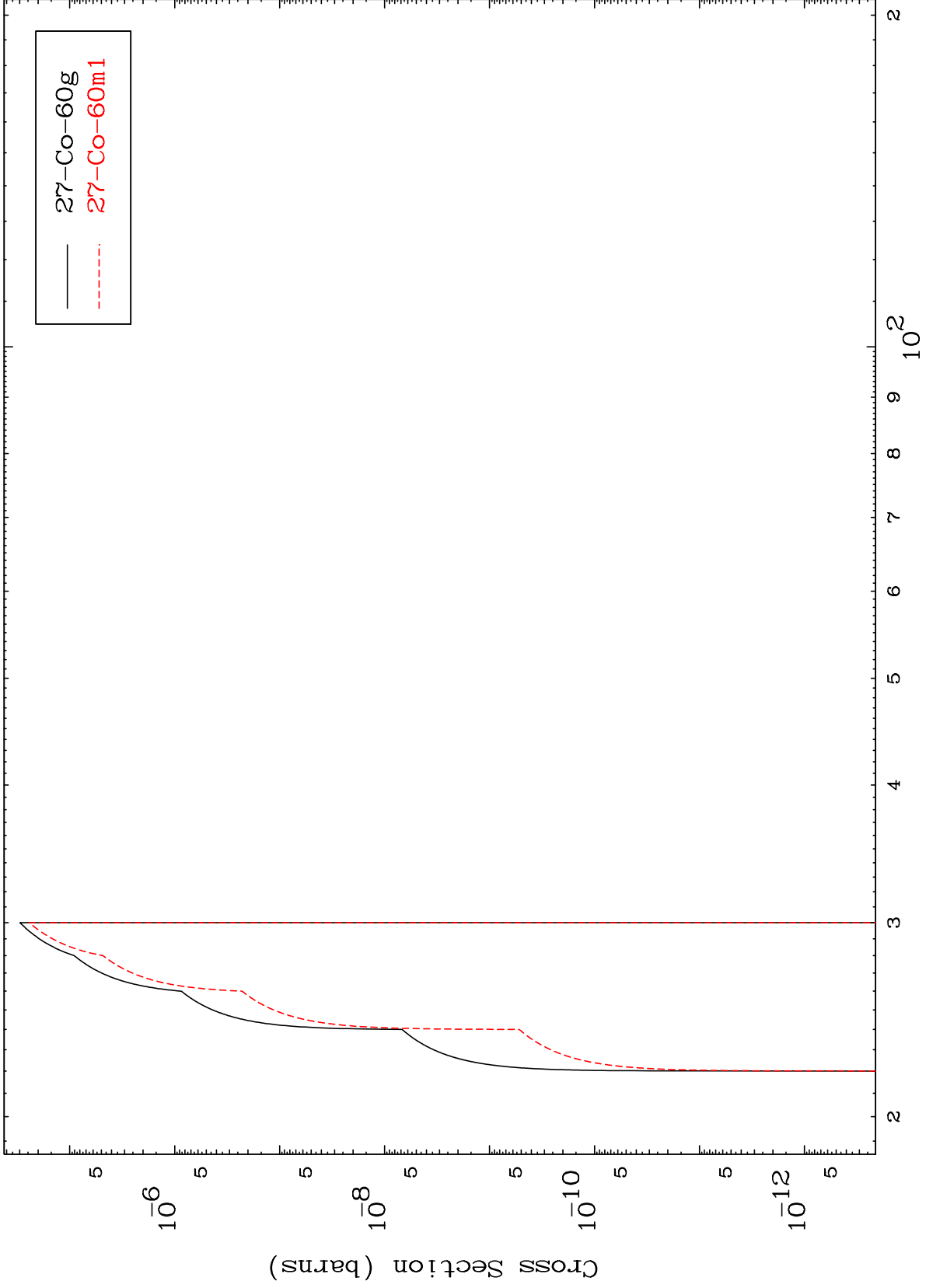


MAT 2840

(p,p) t

<sup>28</sup>Ni-63

Radionuclide Production Cross Section



16

Incident Energy (MeV)

<sup>28</sup>Ni-63