

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

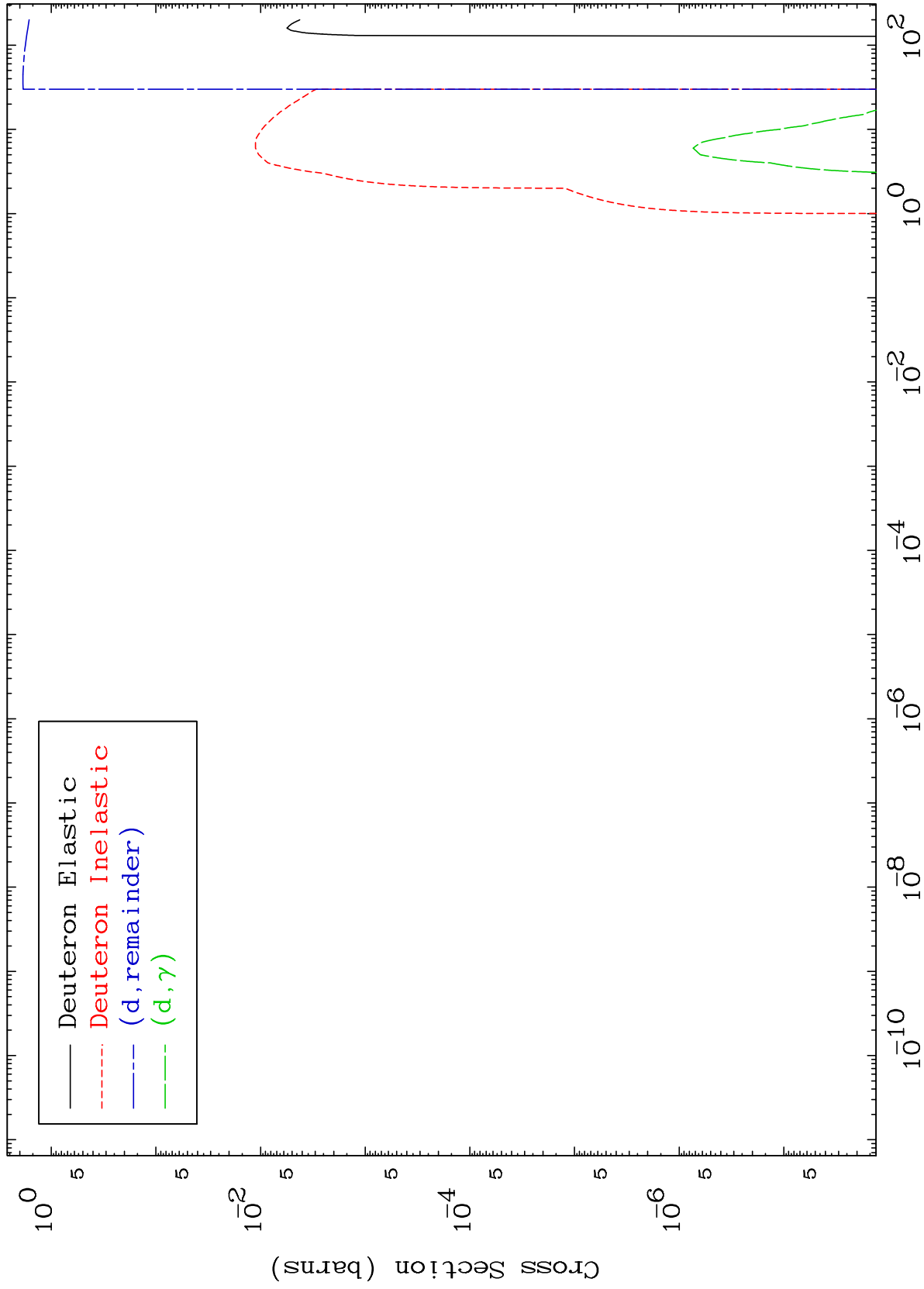
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2864

Deuteron Major  
0 Kelvin Cross Sections

28-Ni-71



1

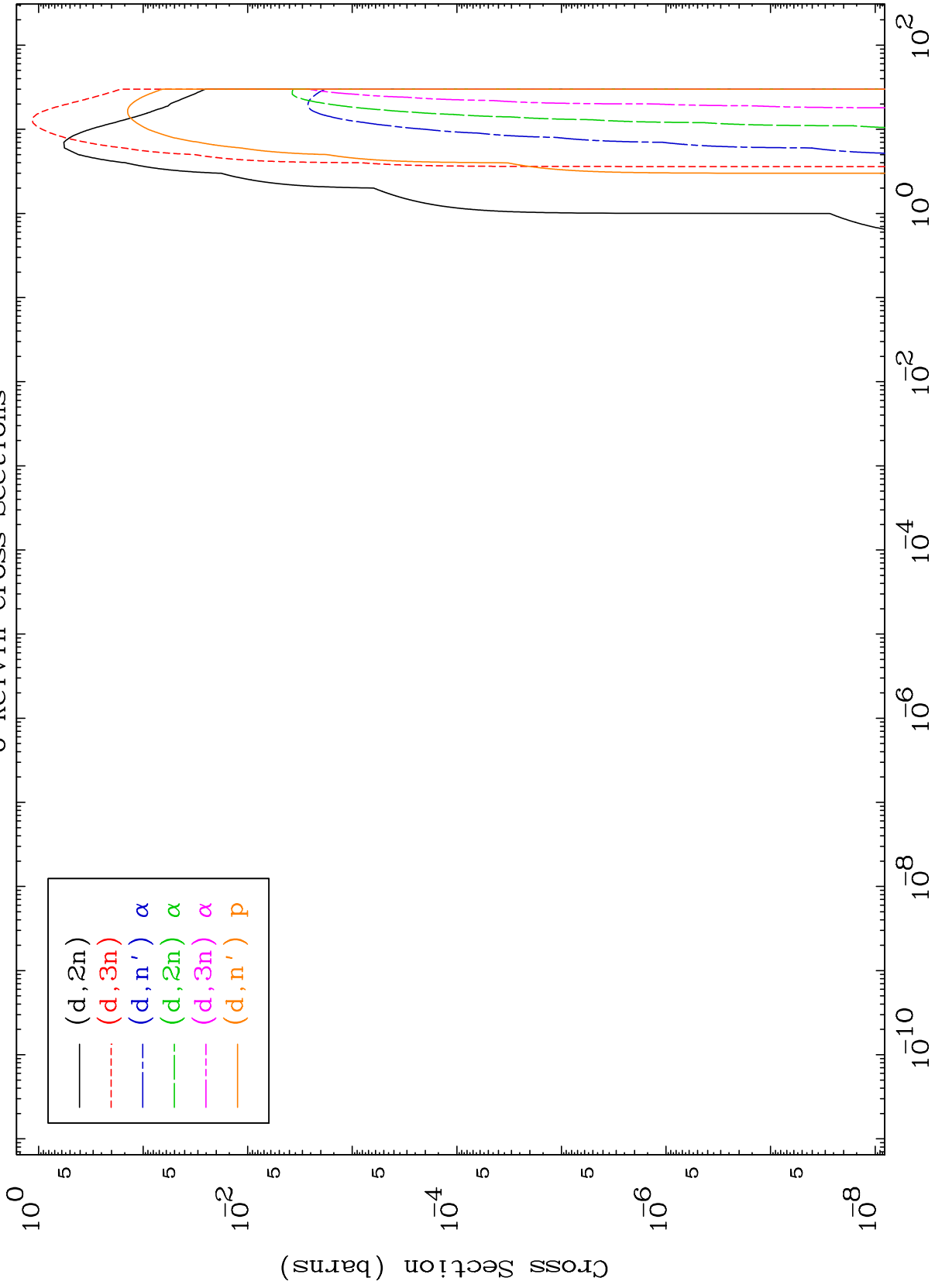
Incident Energy (MeV)

28-Ni-71

MAT 2864

Deuteron Neutron Production  
0 Kelvin Cross Sections

28-Ni-71



2

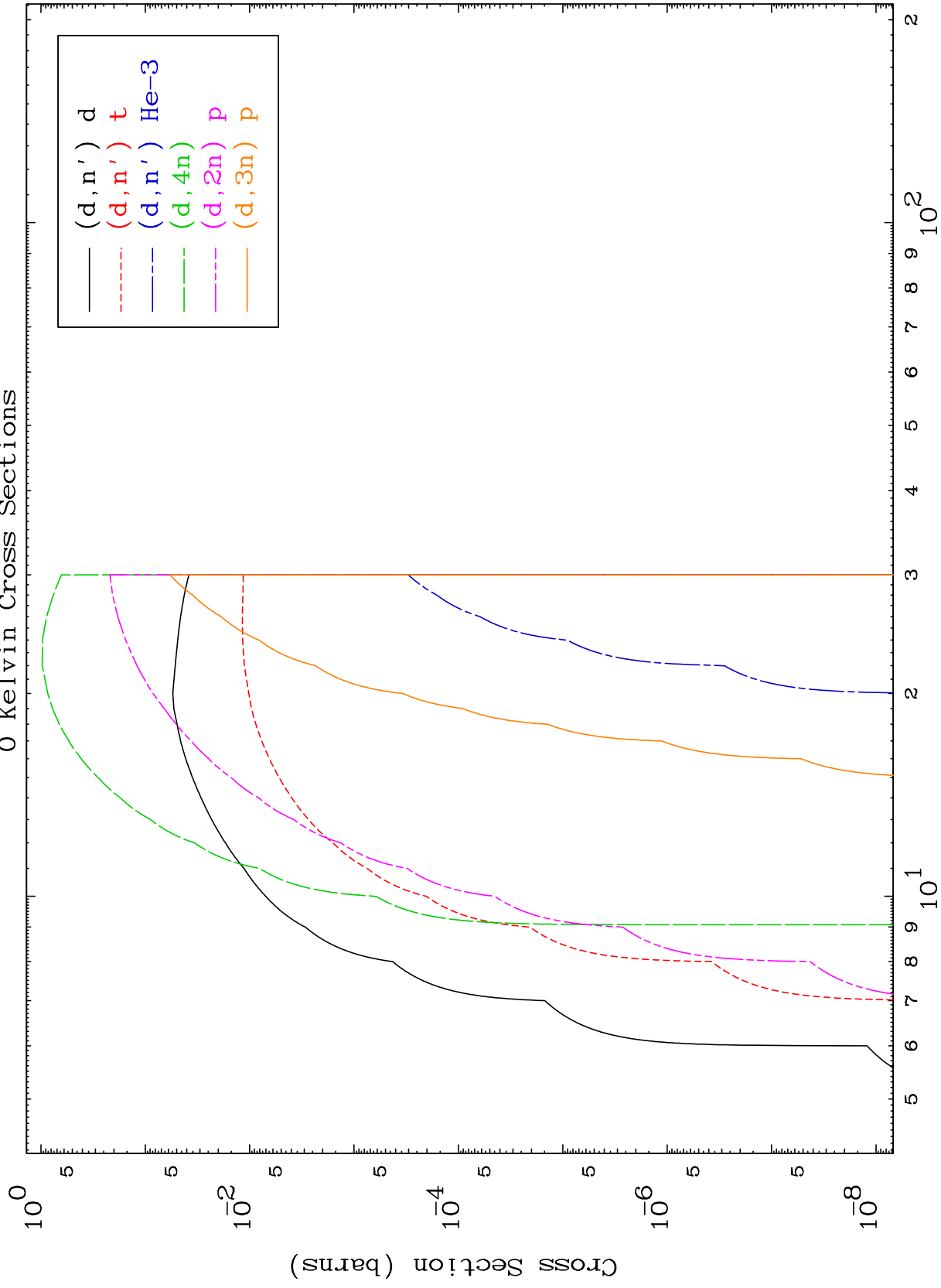
Incident Energy (MeV)

28-Ni-71

MAT 2864

Deuteron Neutron Production  
0 Kelvin Cross Sections

28-Ni-71



3

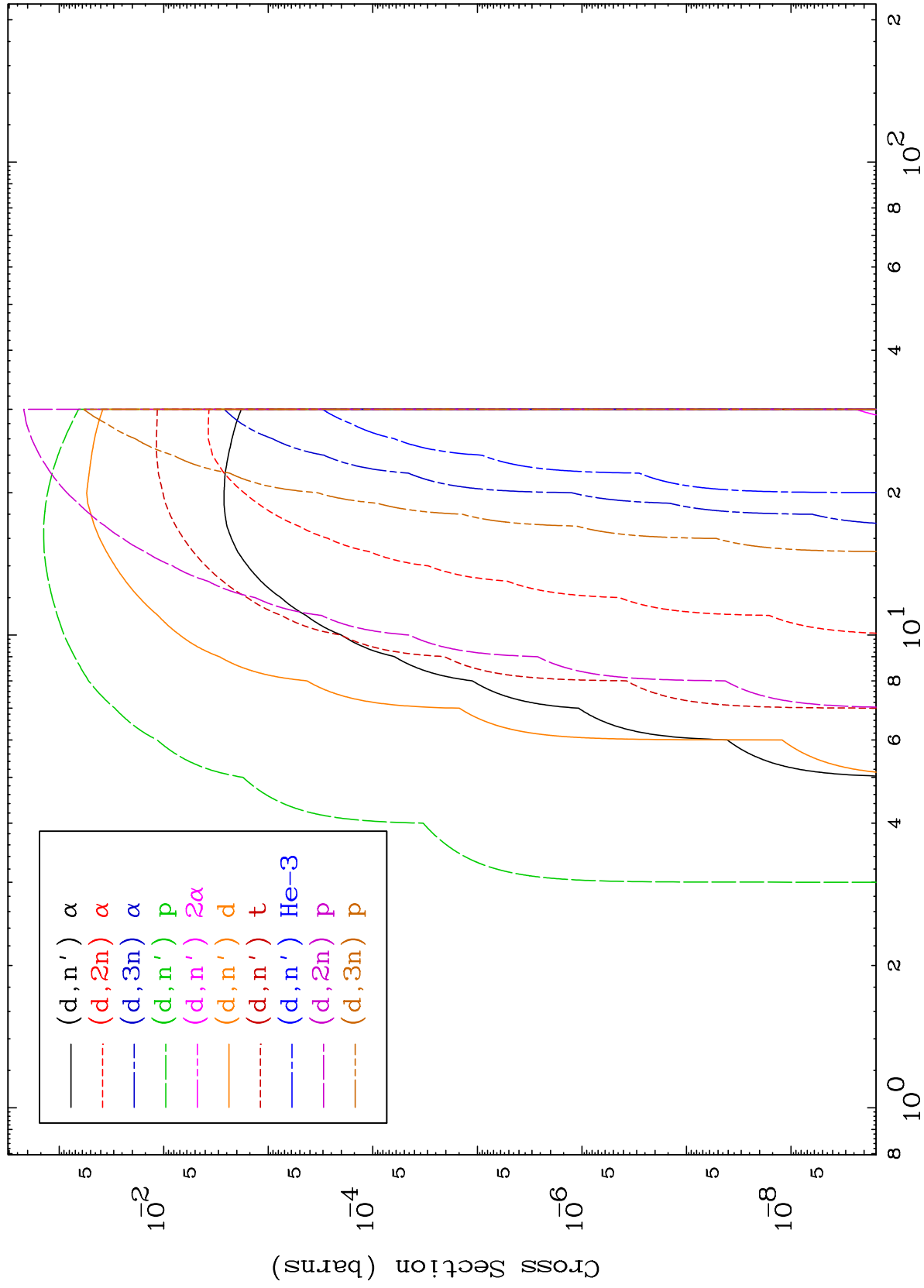
Incident Energy (MeV)

28-Ni-71

MAT 2864

Deuteron Charged Particle  
0 Kelvin Cross Sections

28-Ni-71



4

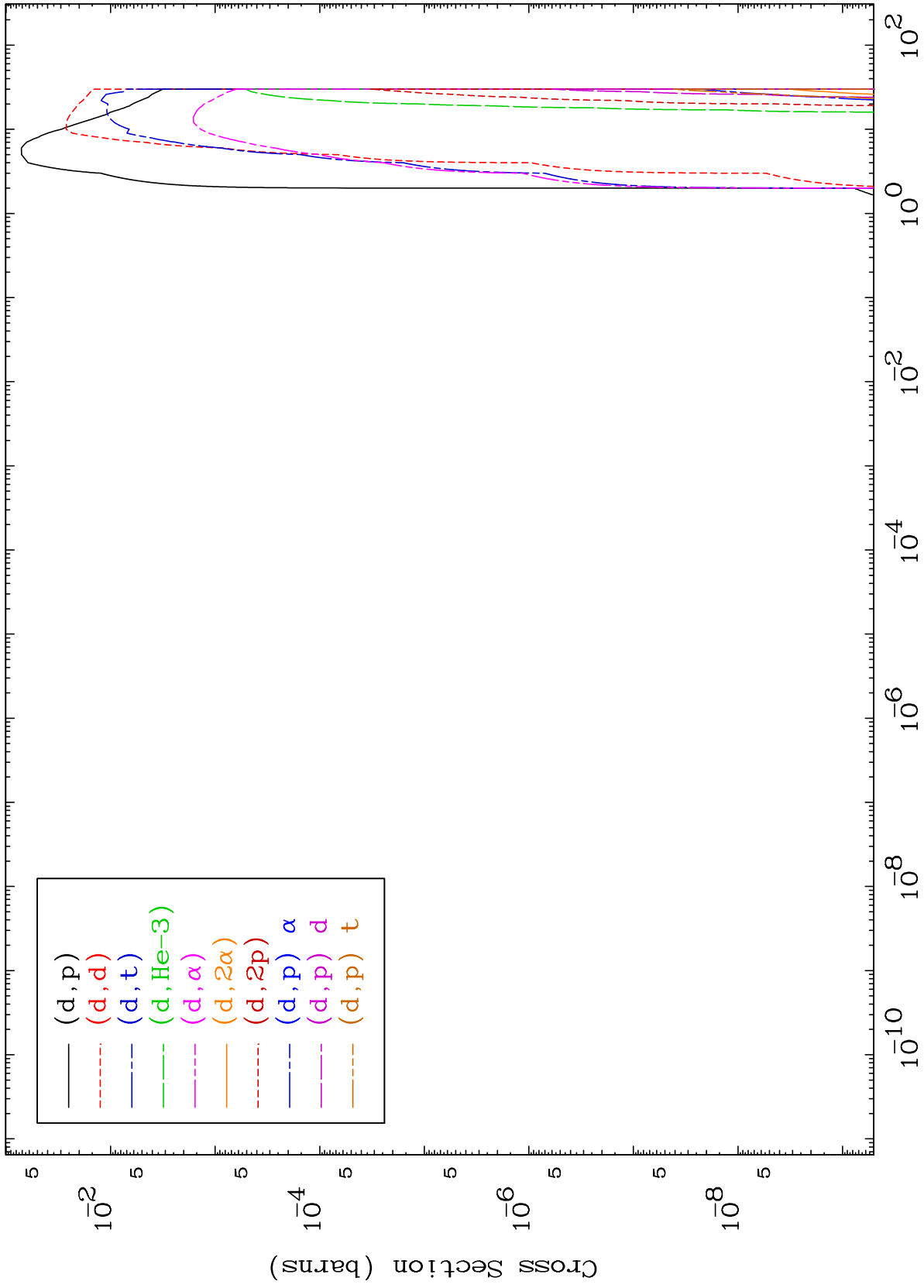
Incident Energy (MeV)

28-Ni-71

MAT 2864

Deuteron Charged Particle  
0 Kelvin Cross Sections

28-Ni-71



5

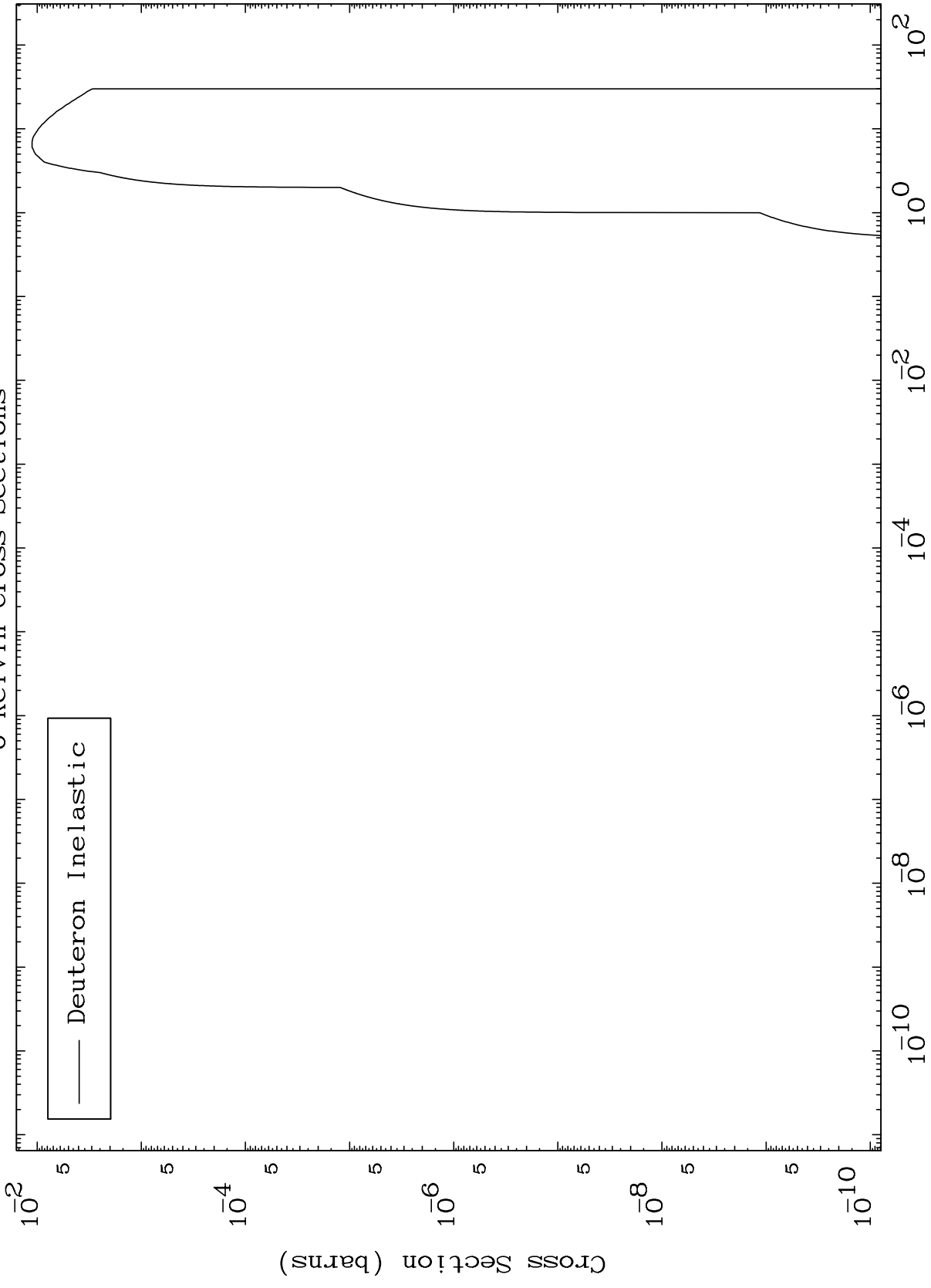
Incident Energy (MeV)

28-Ni-71

MAT 2864

(d,n') Level  
0 Kelvin Cross Sections

28-Ni-71



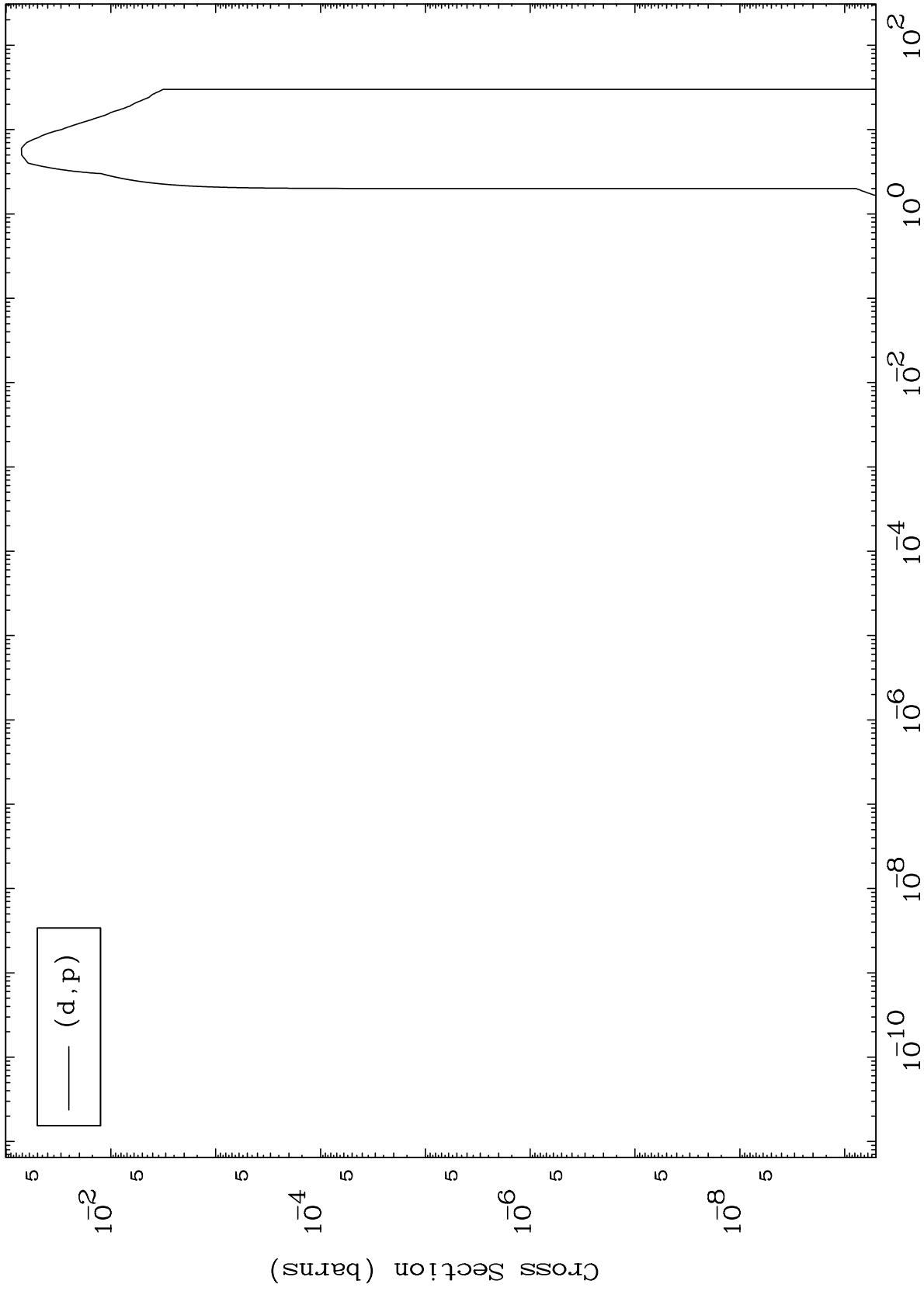
Deuteron Inelastic

28-Ni-71

MAT 2864

(d,p) Levels  
0 Kelvin Cross Sections

28-Ni-71



7

Incident Energy (MeV)

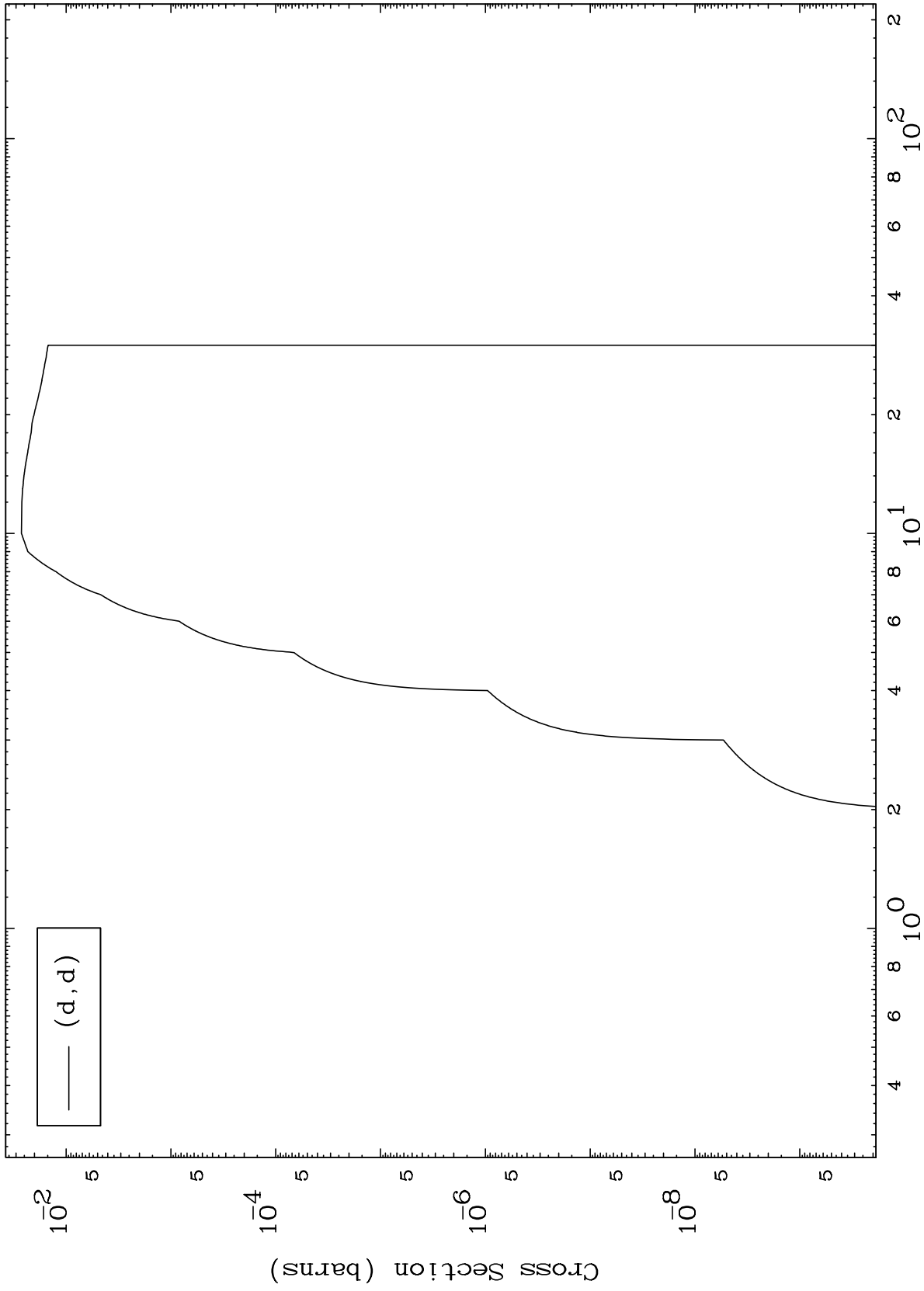
28-Ni-71



MAT 2864

(d,d) Levels  
0 Kelvin Cross Sections

28-Ni-71



8

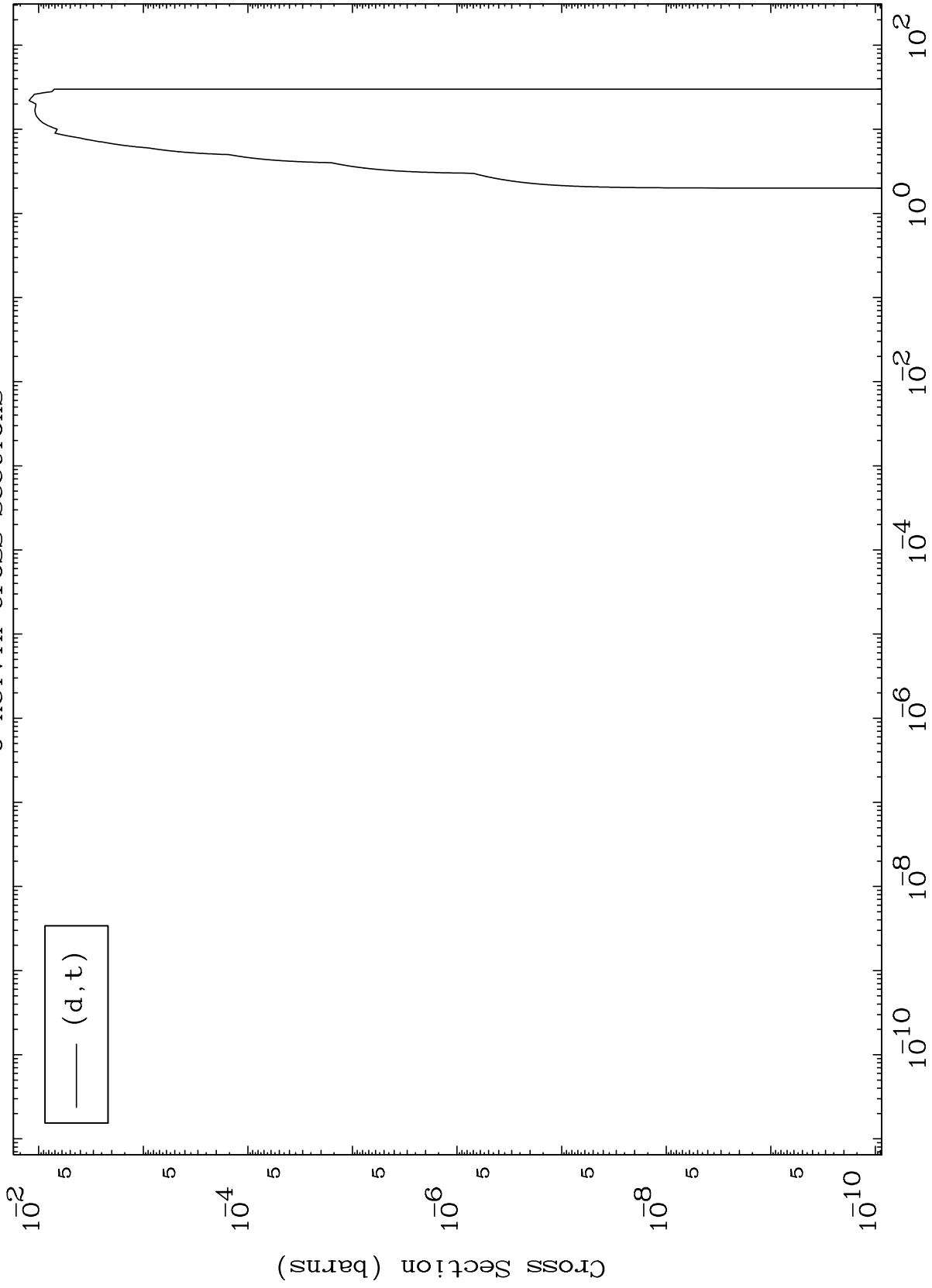
Incident Energy (MeV)

28-Ni-71

MAT 2864

(d,t) Levels  
0 Kelvin Cross Sections

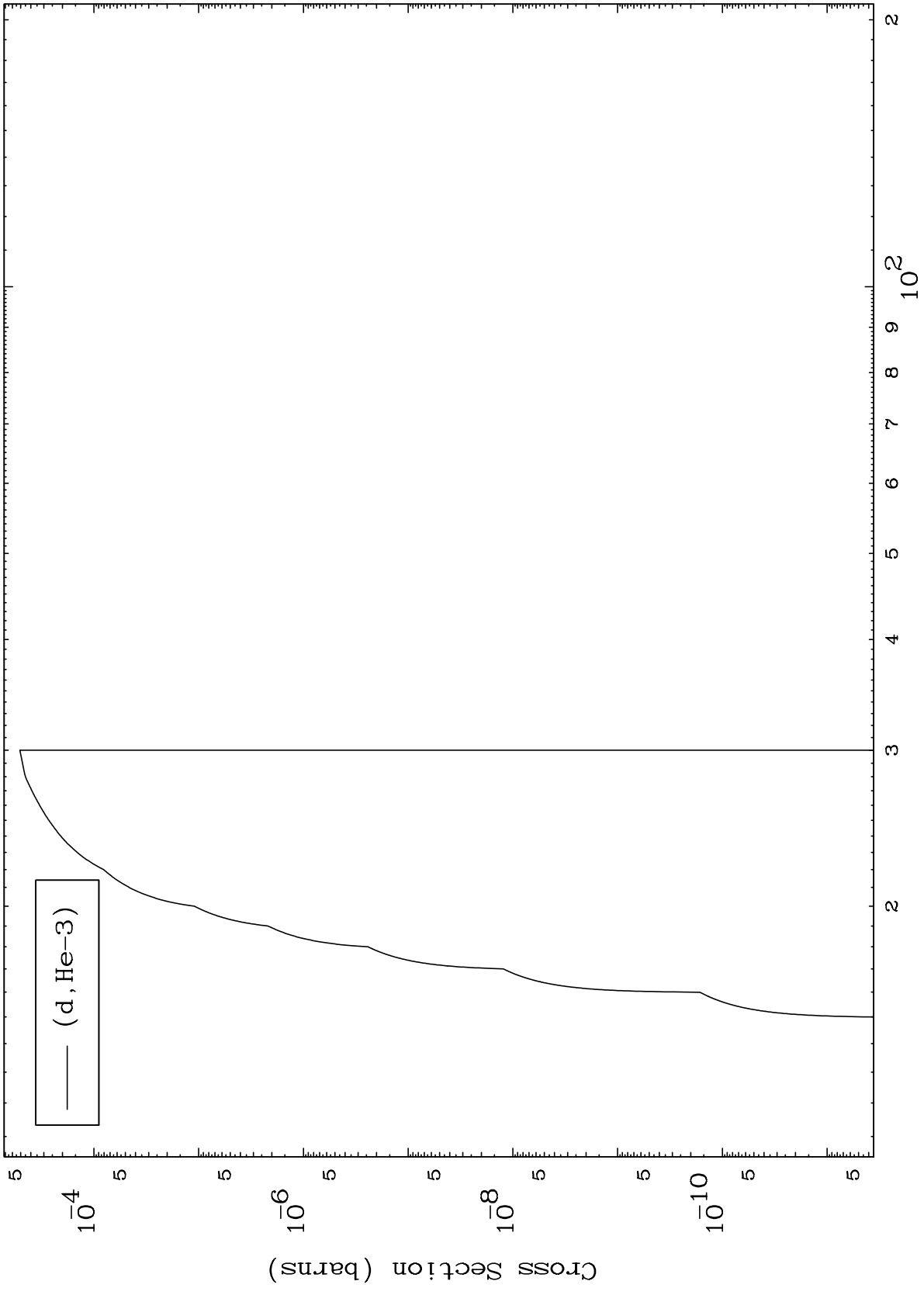
28-Ni-71



MAT 2864

(d,He3) Levels  
0 Kelvin Cross Sections

28-Ni-71



10

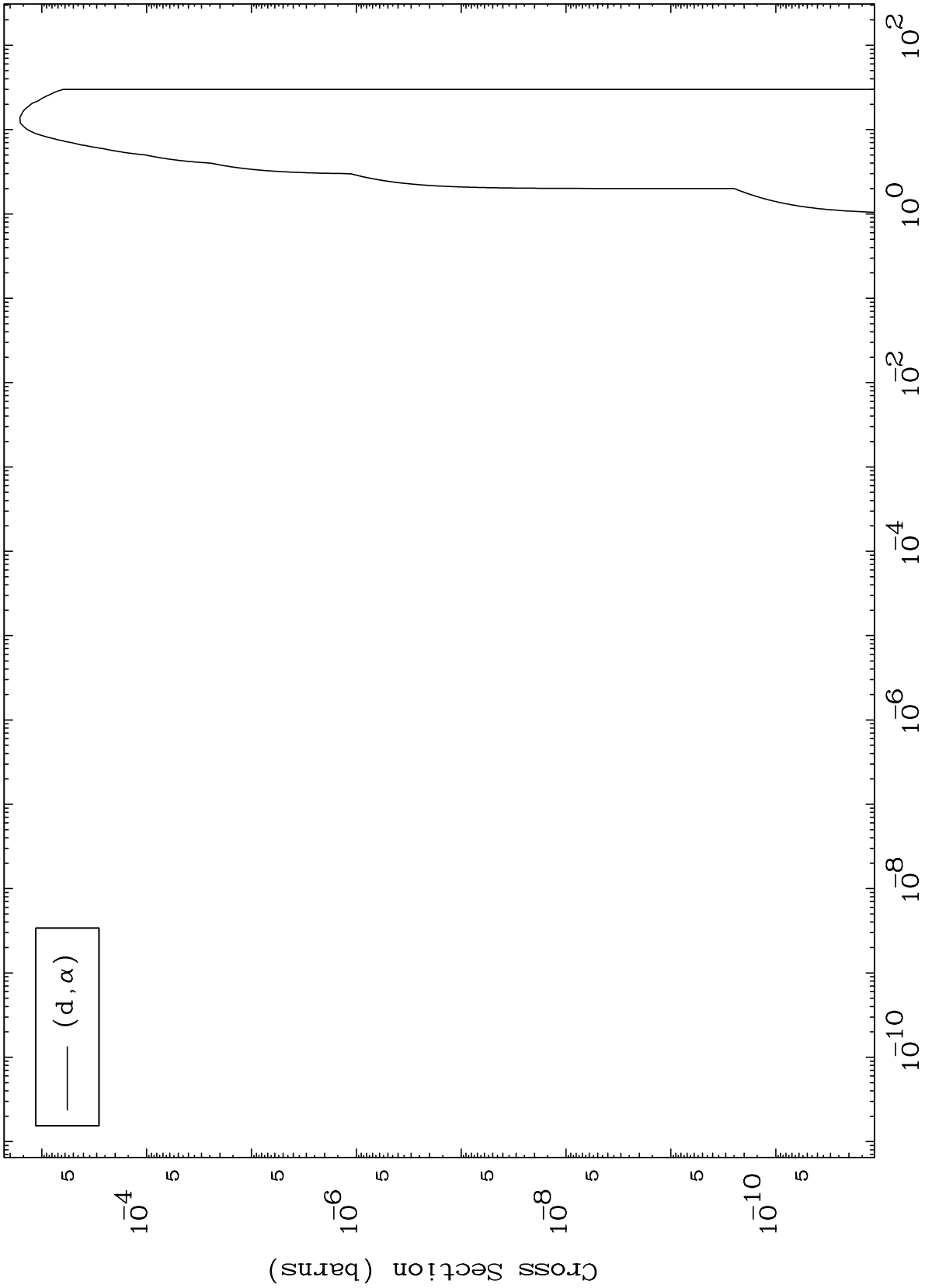
Incident Energy (MeV)

28-Ni-71

MAT 2864

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

28-Ni-71



11

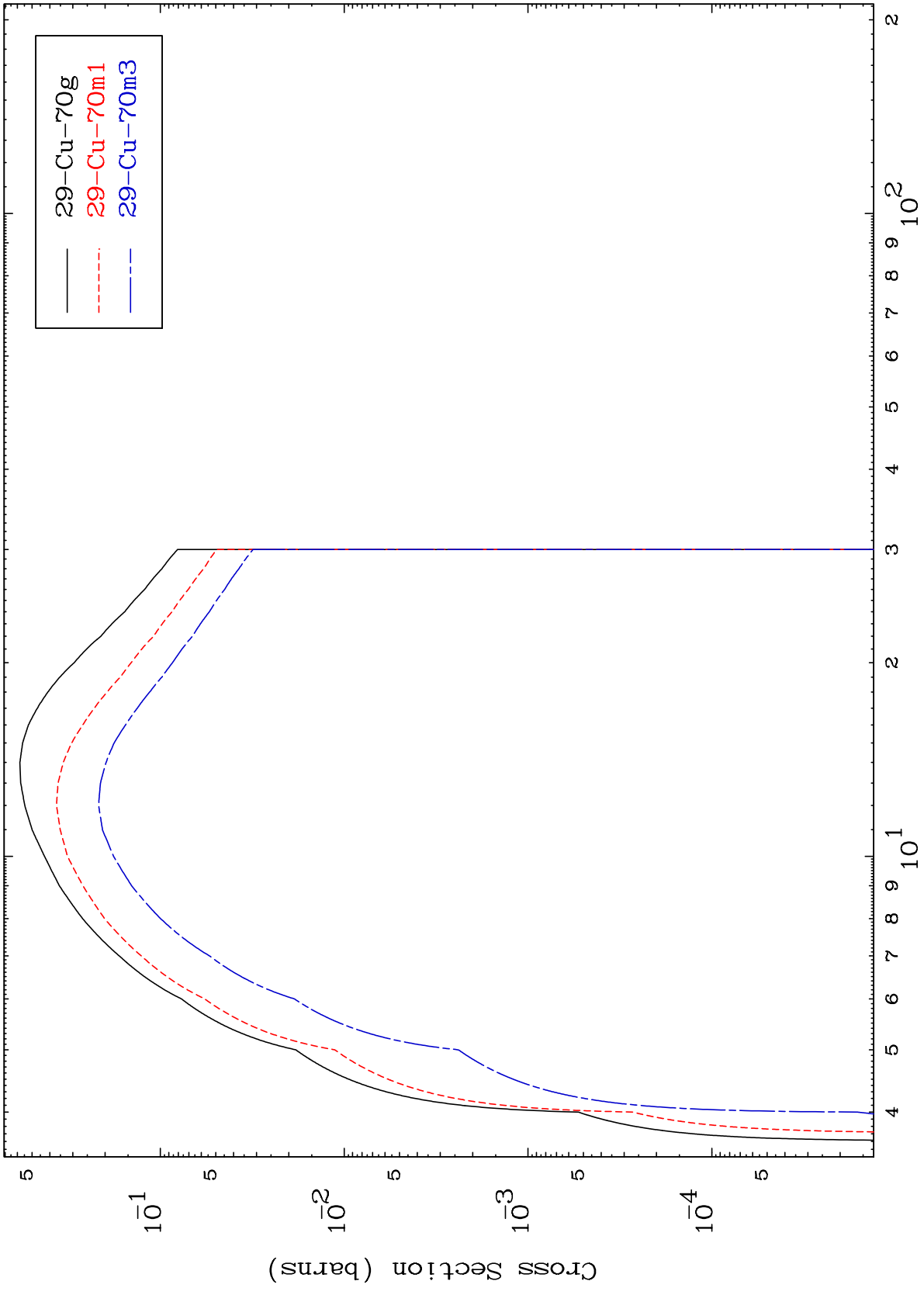
Incident Energy (MeV)

28-Ni-71

MAT 2864

28-Ni-71

(d,3n)  
Radionuclide Production Cross Section



12

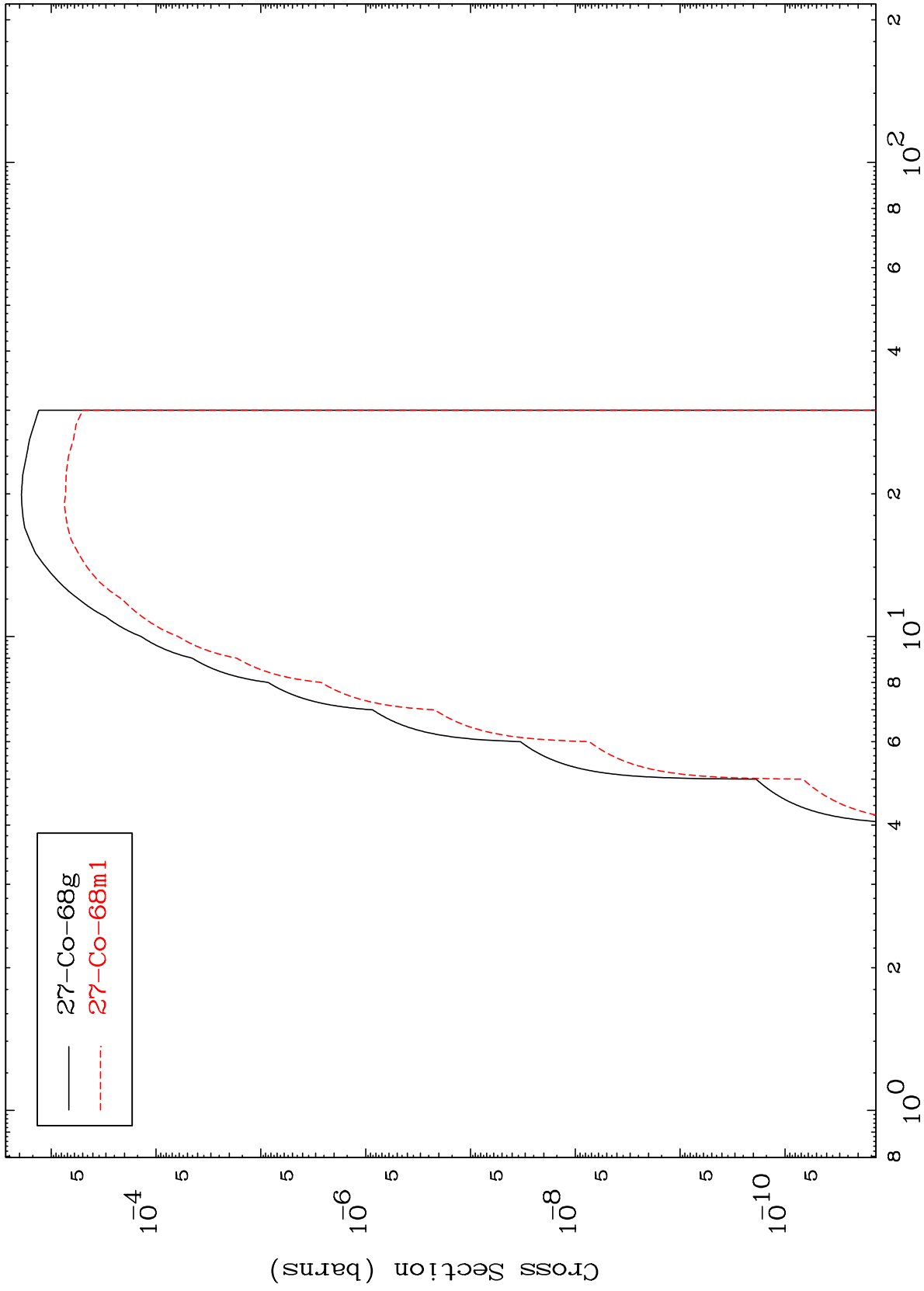
28-Ni-71

MAT 2864

(d,n')  $\alpha$

<sup>28</sup>Ni-71

Radionuclide Production Cross Section



— 27-Co-68g  
- - - 27-Co-68m1

13

Incident Energy (MeV)

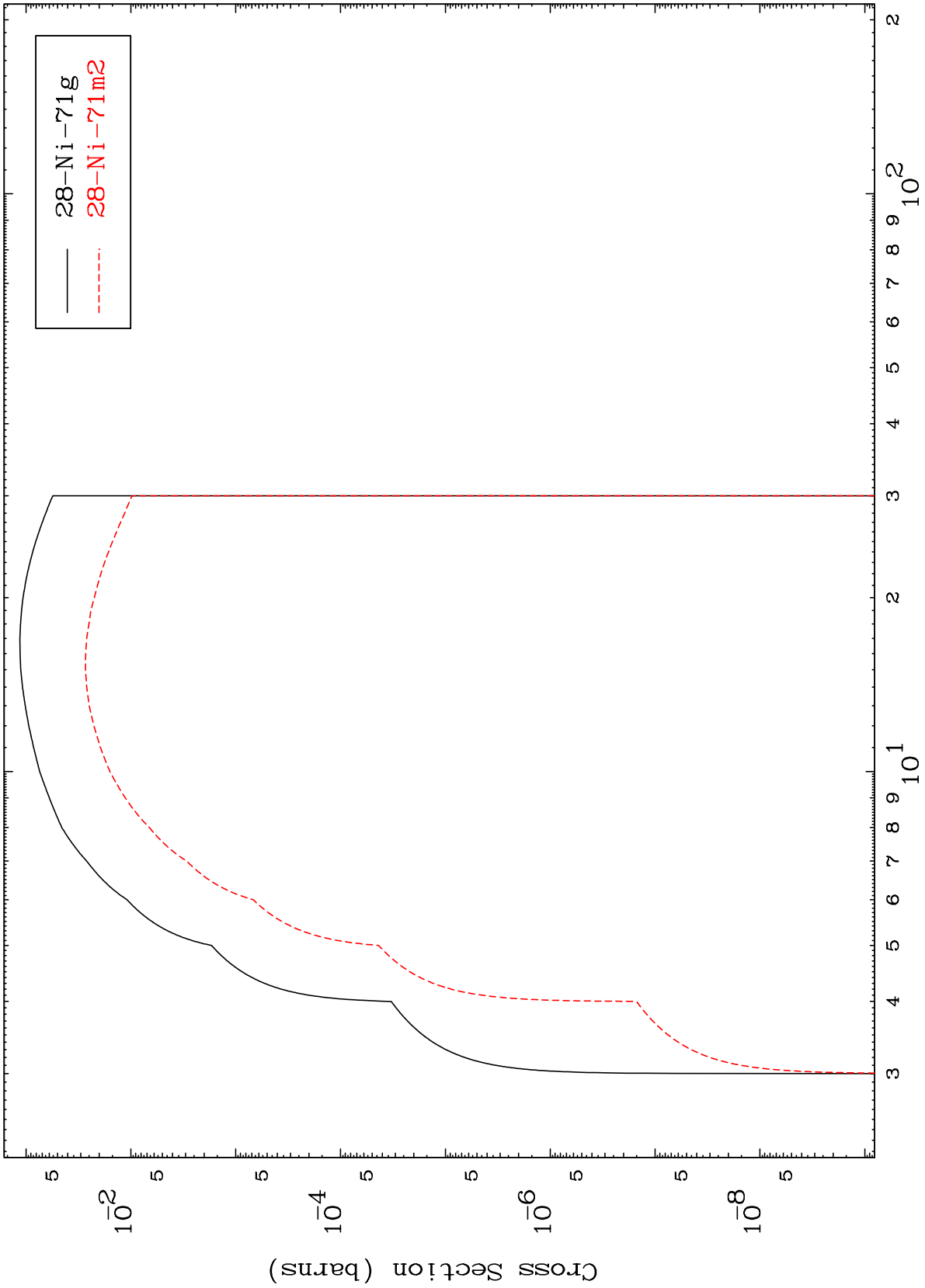
<sup>28</sup>Ni-71

MAT 2864

(d,n') p

<sup>28</sup>Ni-71

Radionuclide Production Cross Section



14

Incident Energy (MeV)

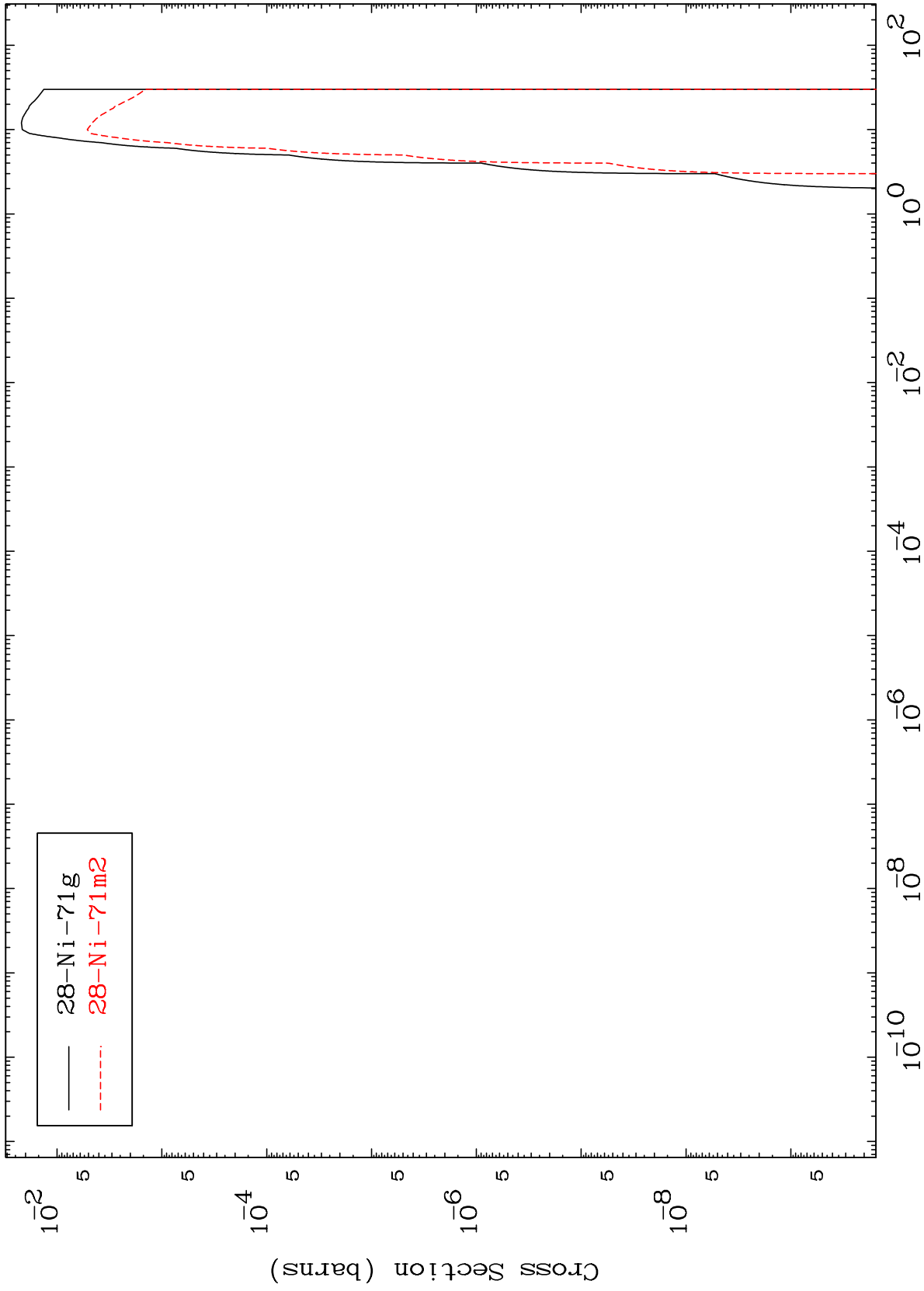
<sup>28</sup>Ni-71

MAT 2864

(d,d)

Radionuclide Production Cross Section

<sup>28</sup>Ni-71



15

Incident Energy (MeV)

<sup>28</sup>Ni-71