

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

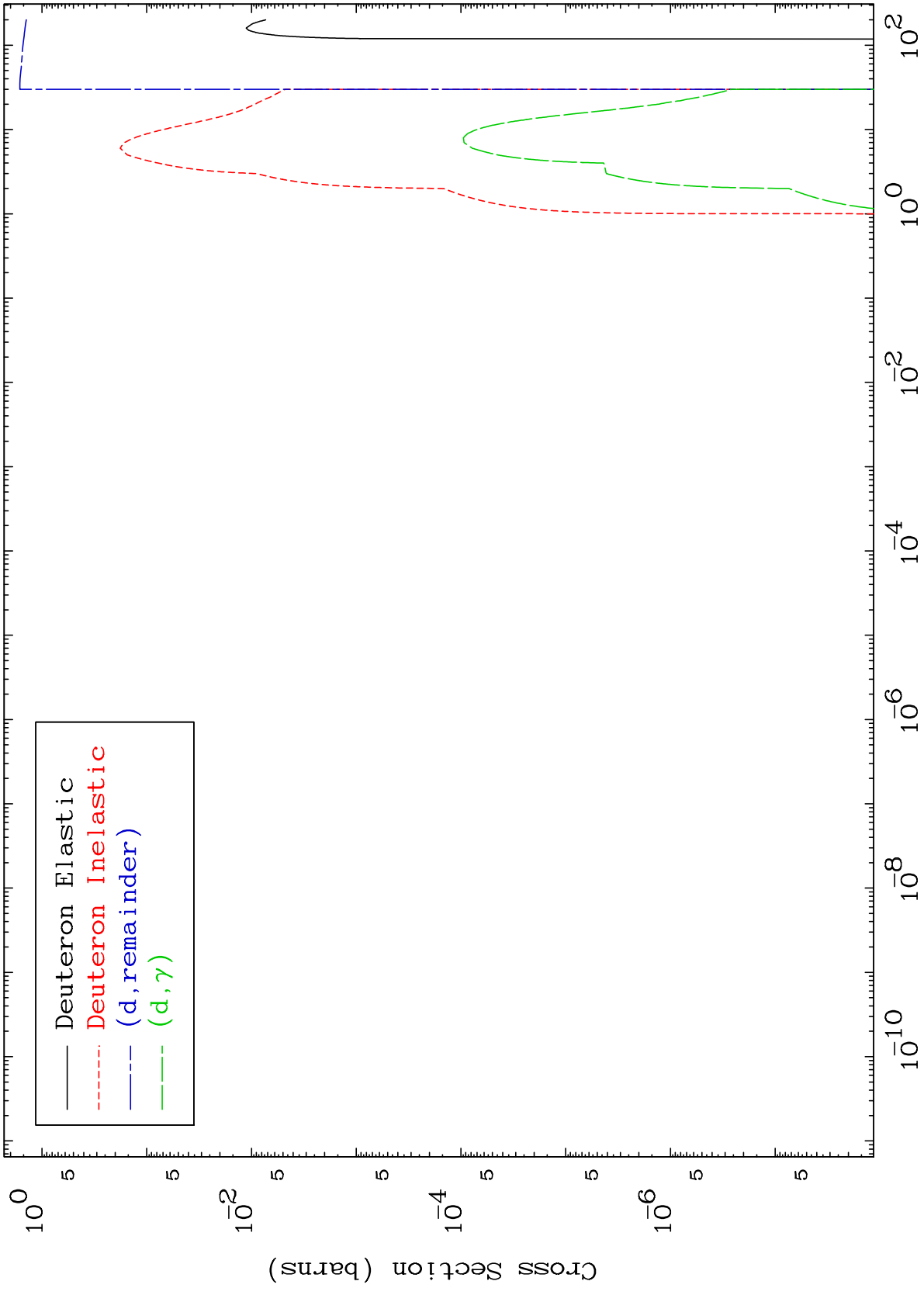
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2828

Deuteron Major  
0 Kelvin Cross Sections

28-Ni-59



1

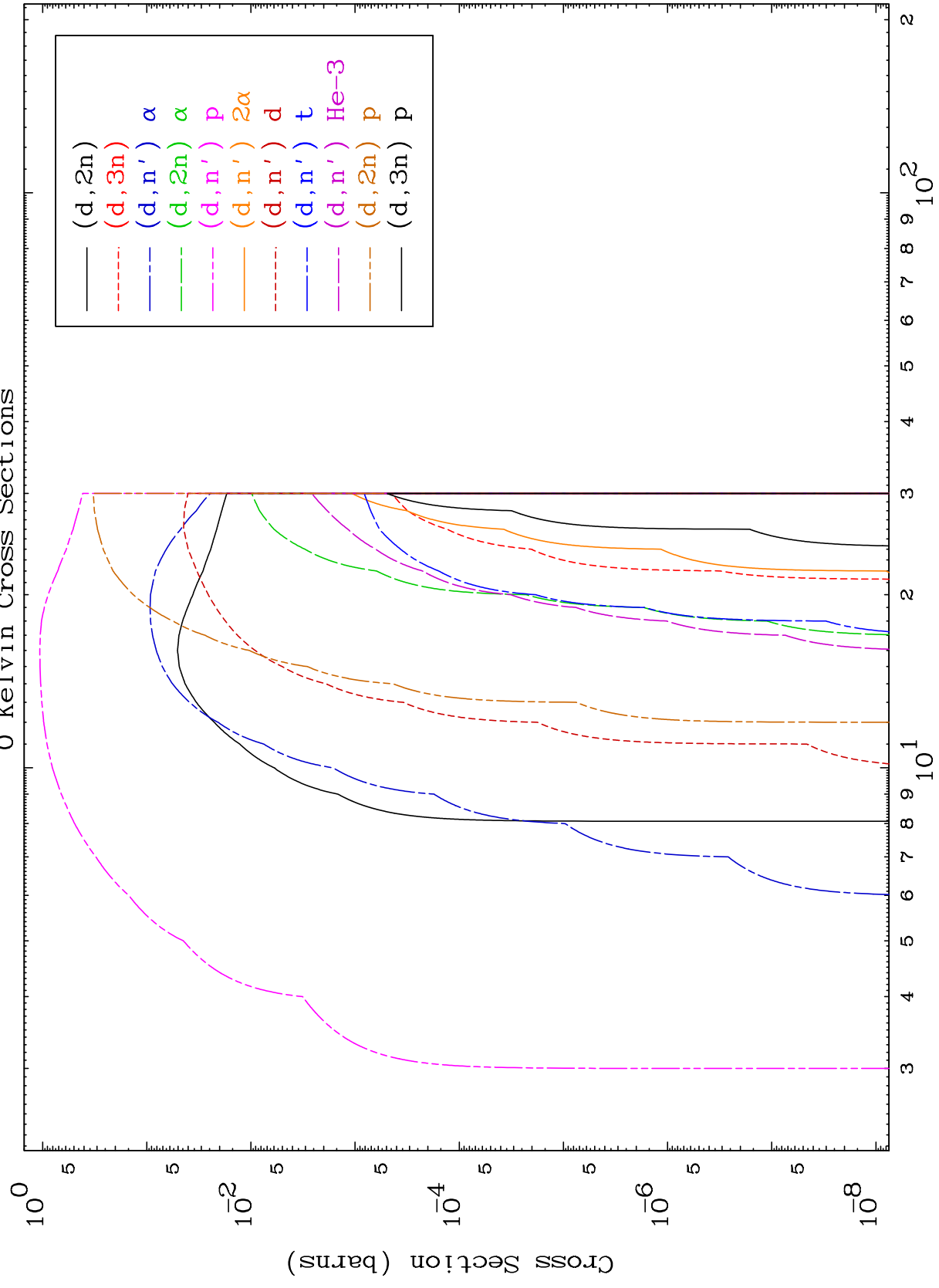
Incident Energy (MeV)

28-Ni-59

MAT 2828

Deuteron Neutron Production  
0 Kelvin Cross Sections

28-Ni-59



2

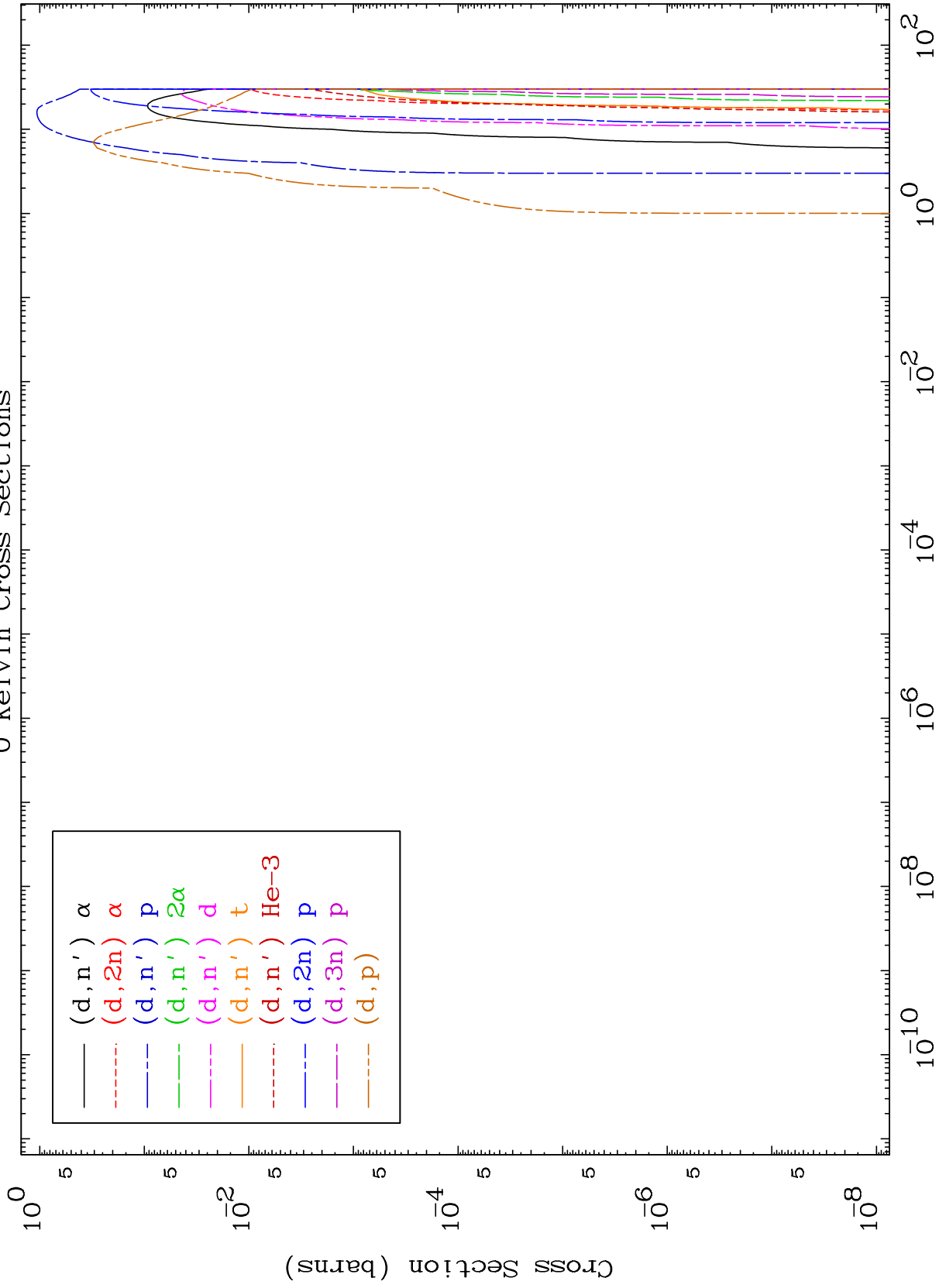
Incident Energy (MeV)

28-Ni-59

MAT 2828

Deuteron Charged Particle  
0 Kelvin Cross Sections

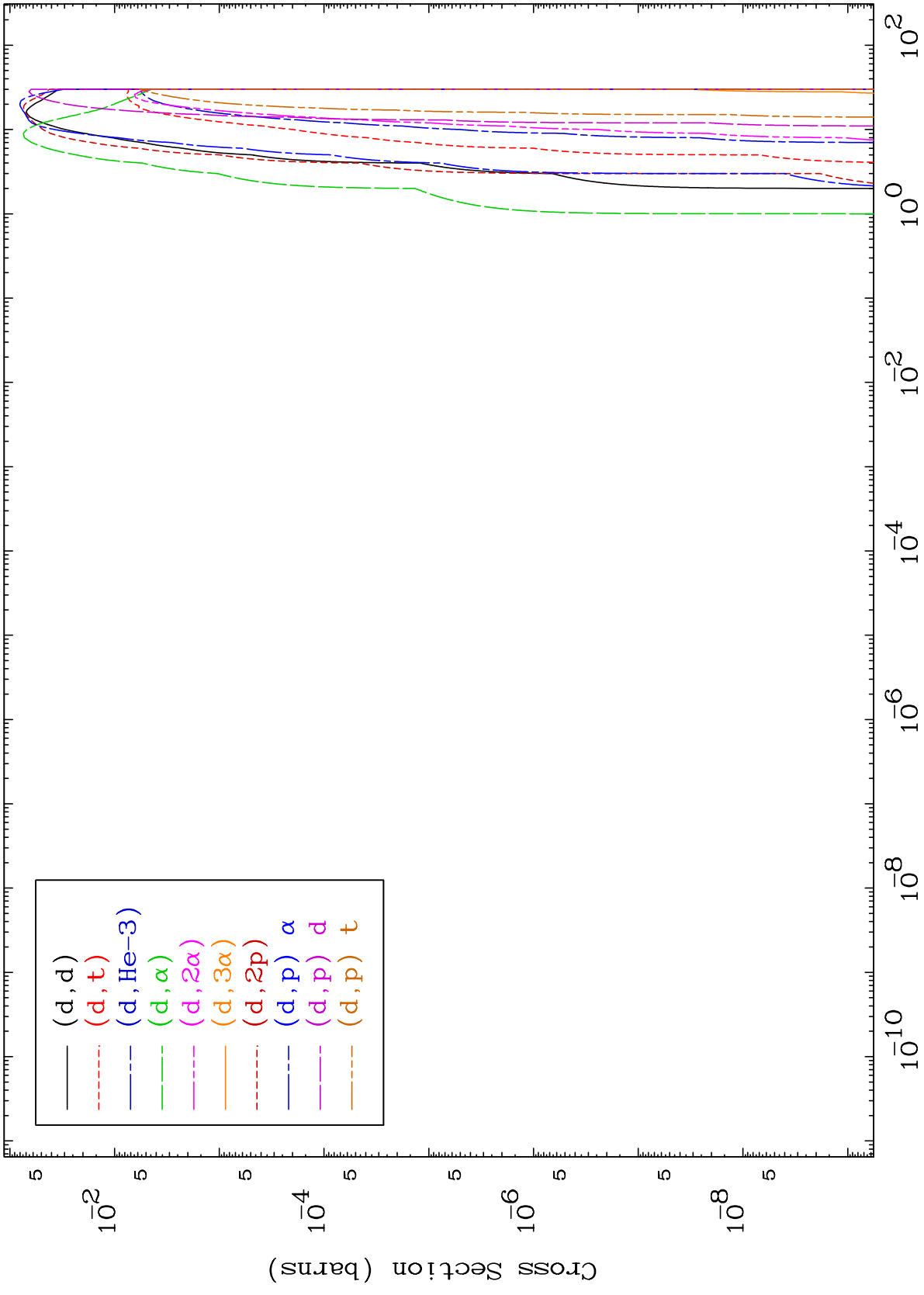
28-Ni-59



MAT 2828

Deuteron Charged Particle  
0 Kelvin Cross Sections

28-Ni-59



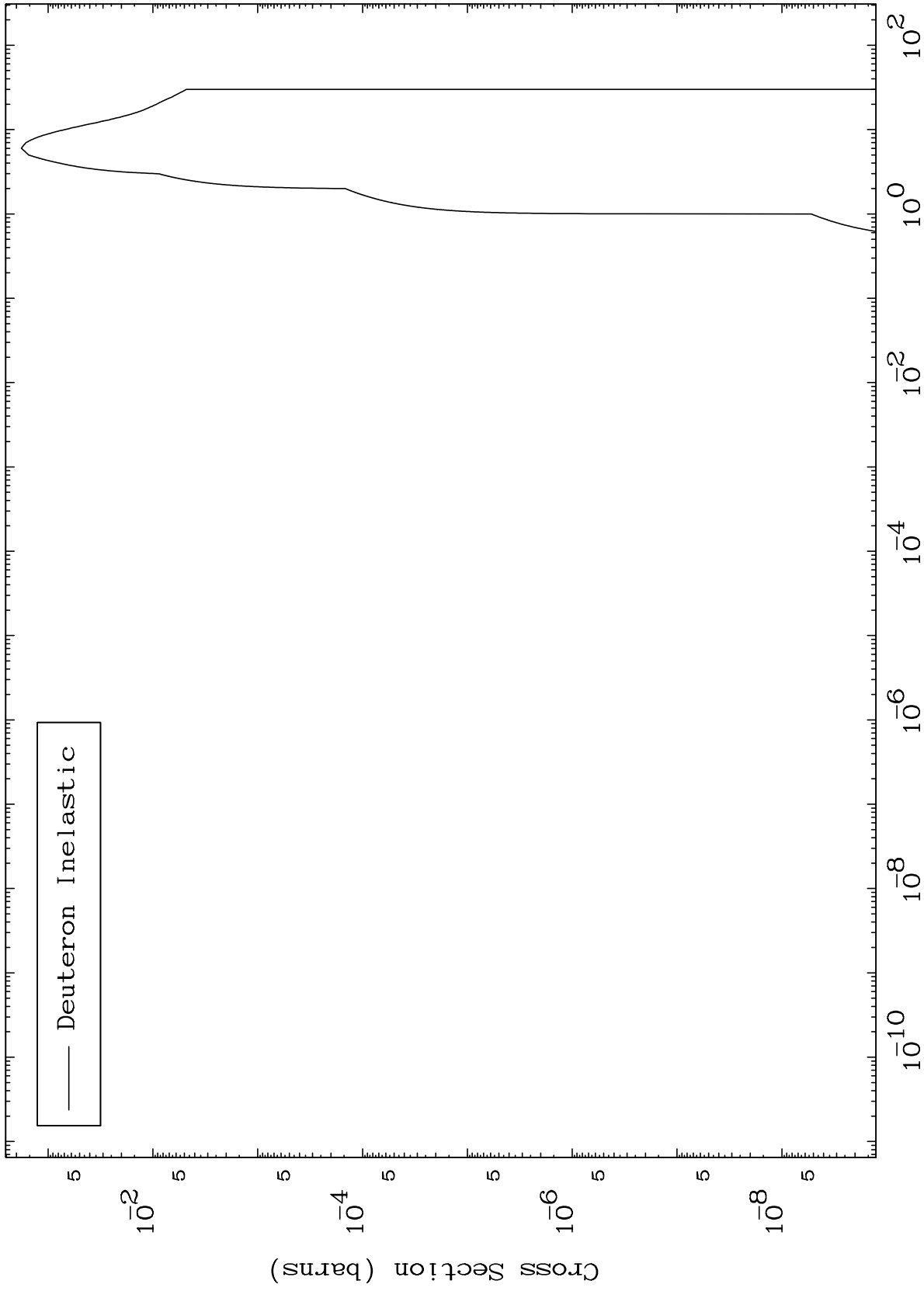
28-Ni-59

Incident Energy (MeV)

MAT 2828

(d,n') Level  
0 Kelvin Cross Sections

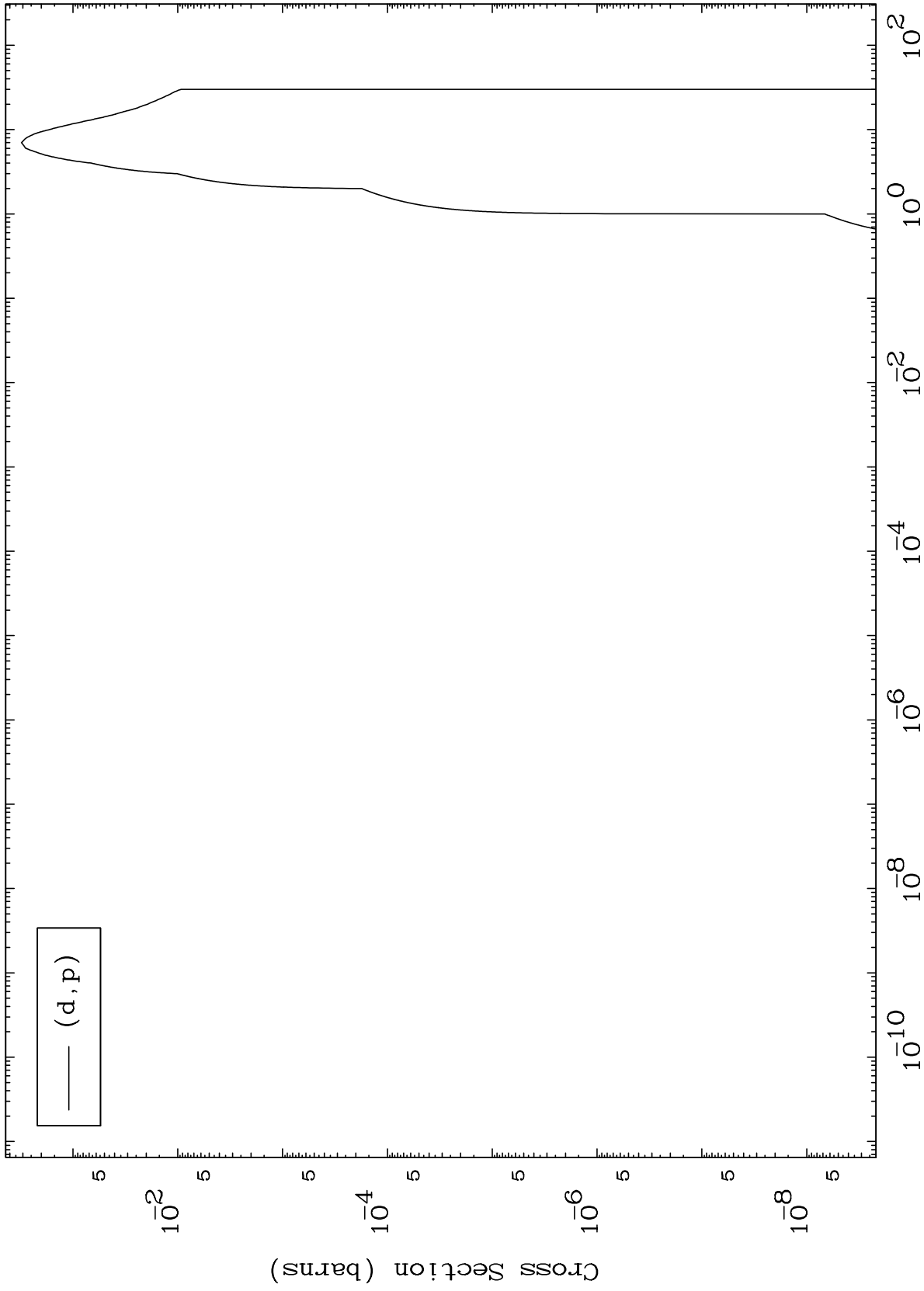
28-Ni-59



MAT 2828

(d,p) Levels  
0 Kelvin Cross Sections

28-Ni-59



6

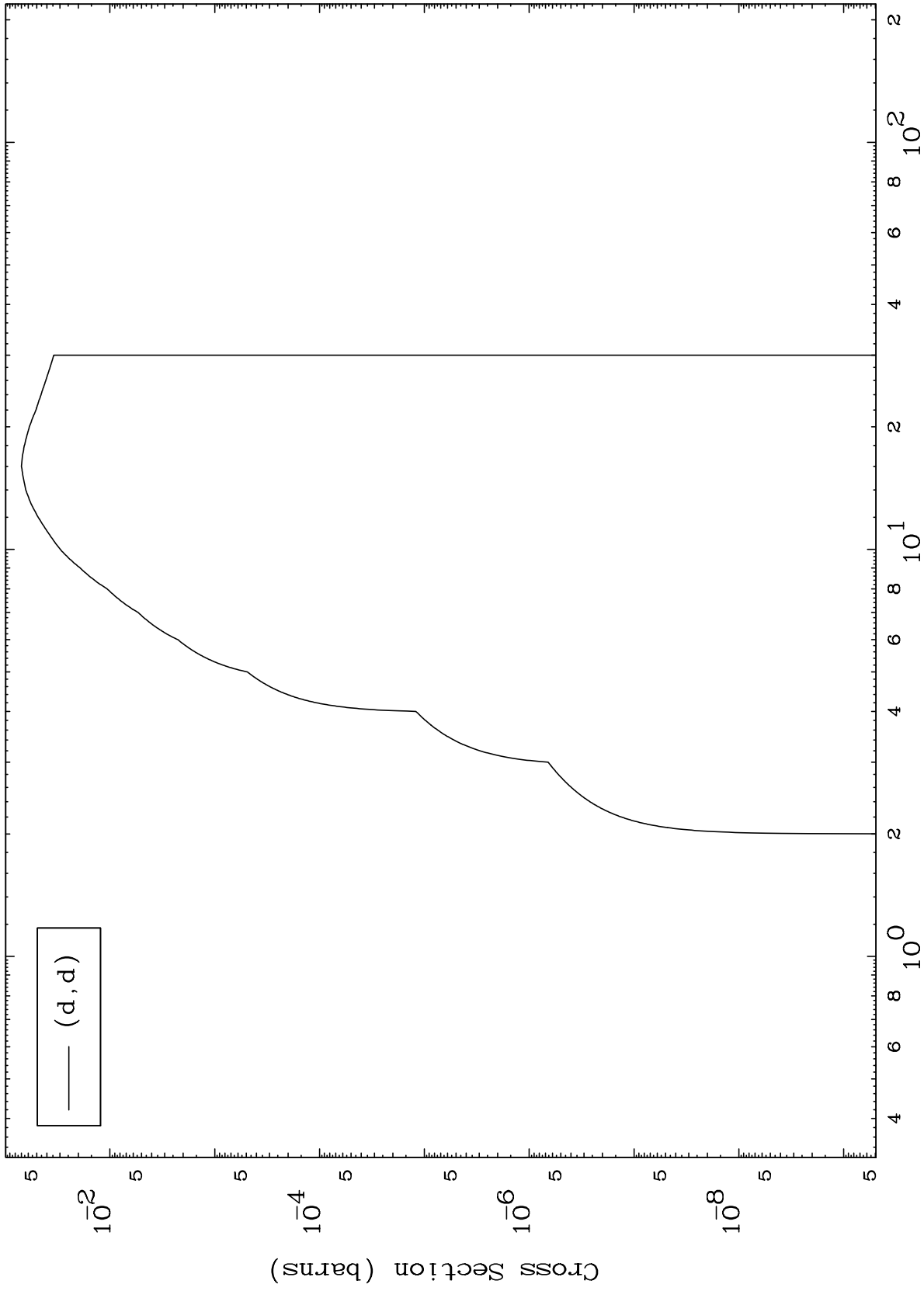
Incident Energy (MeV)

28-Ni-59

MAT 2828

(d,d) Levels  
0 Kelvin Cross Sections

28-Ni-59



7

Incident Energy (MeV)

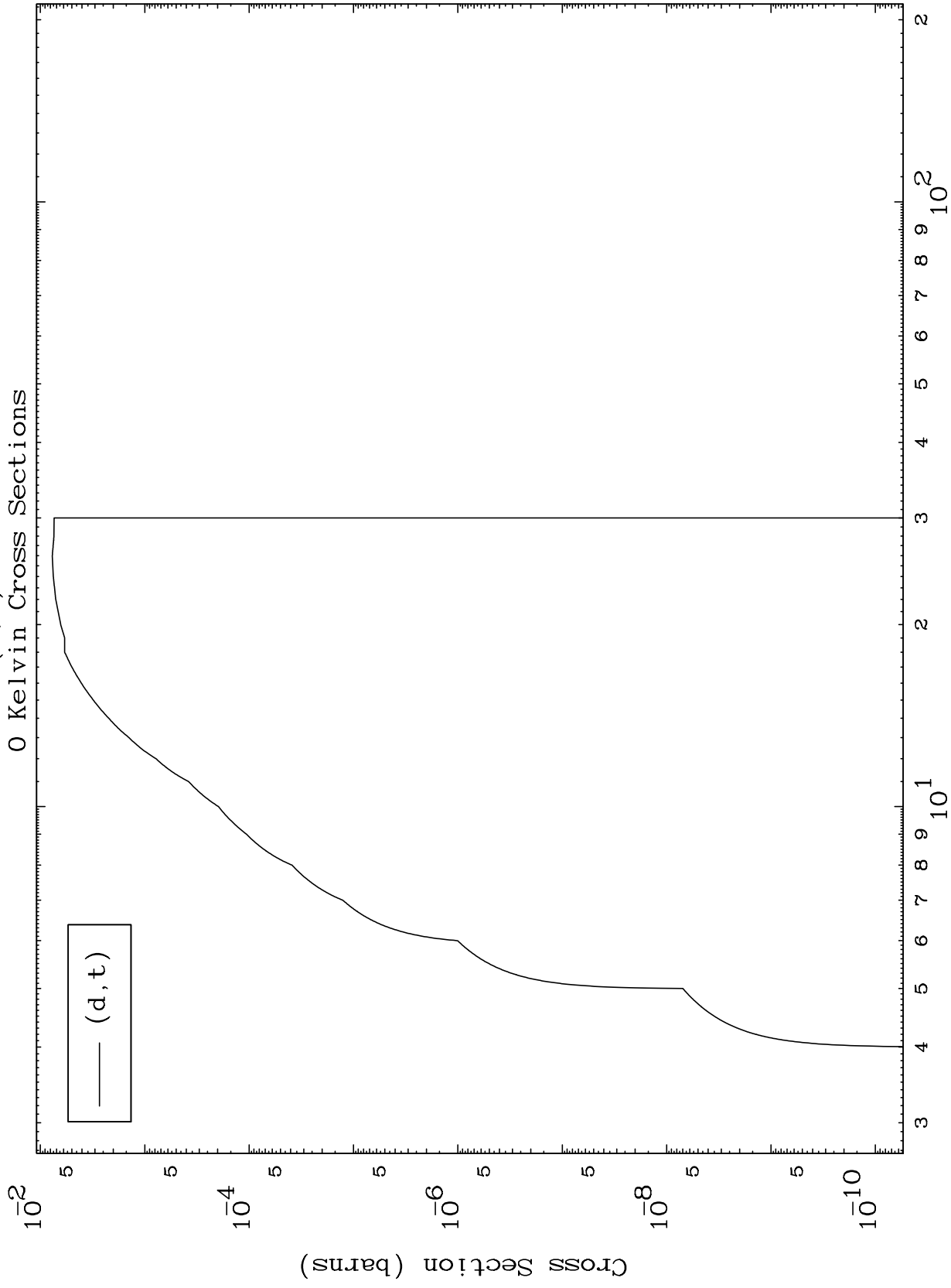
28-Ni-59



MAT 2828

28-Ni-59

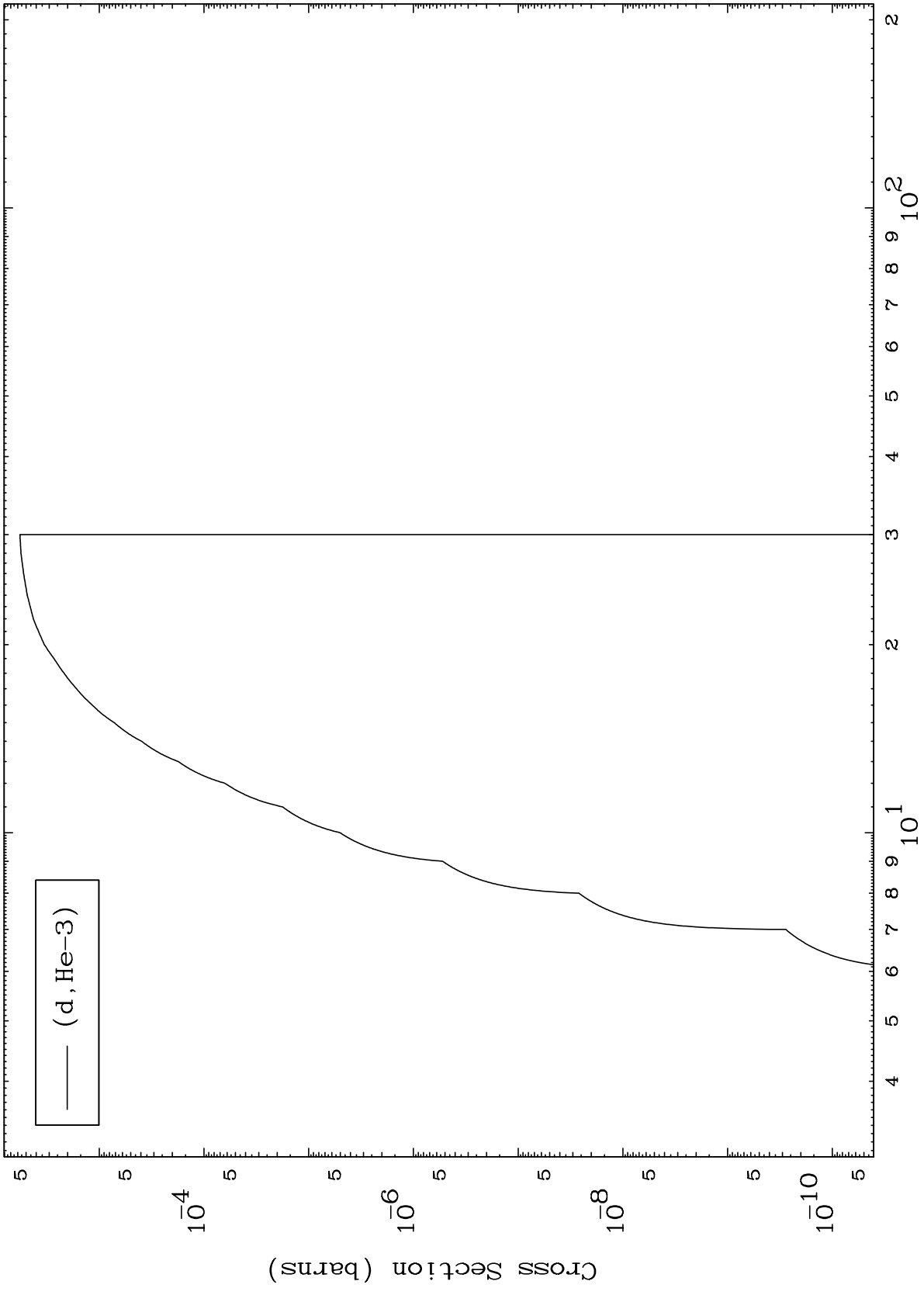
(d,t) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

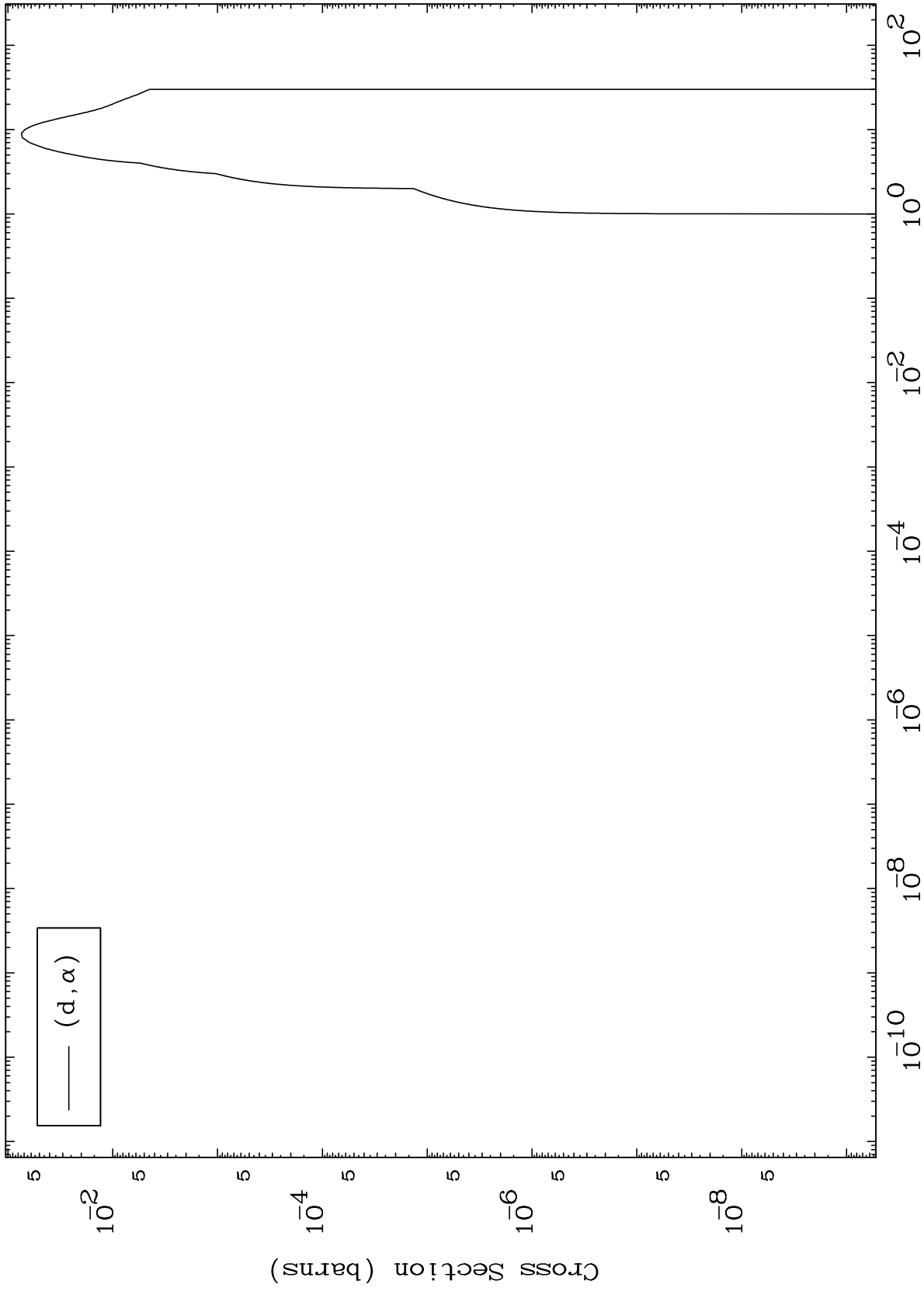
28-Ni-59



MAT 2828

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

28-Ni-59



10

Incident Energy (MeV)

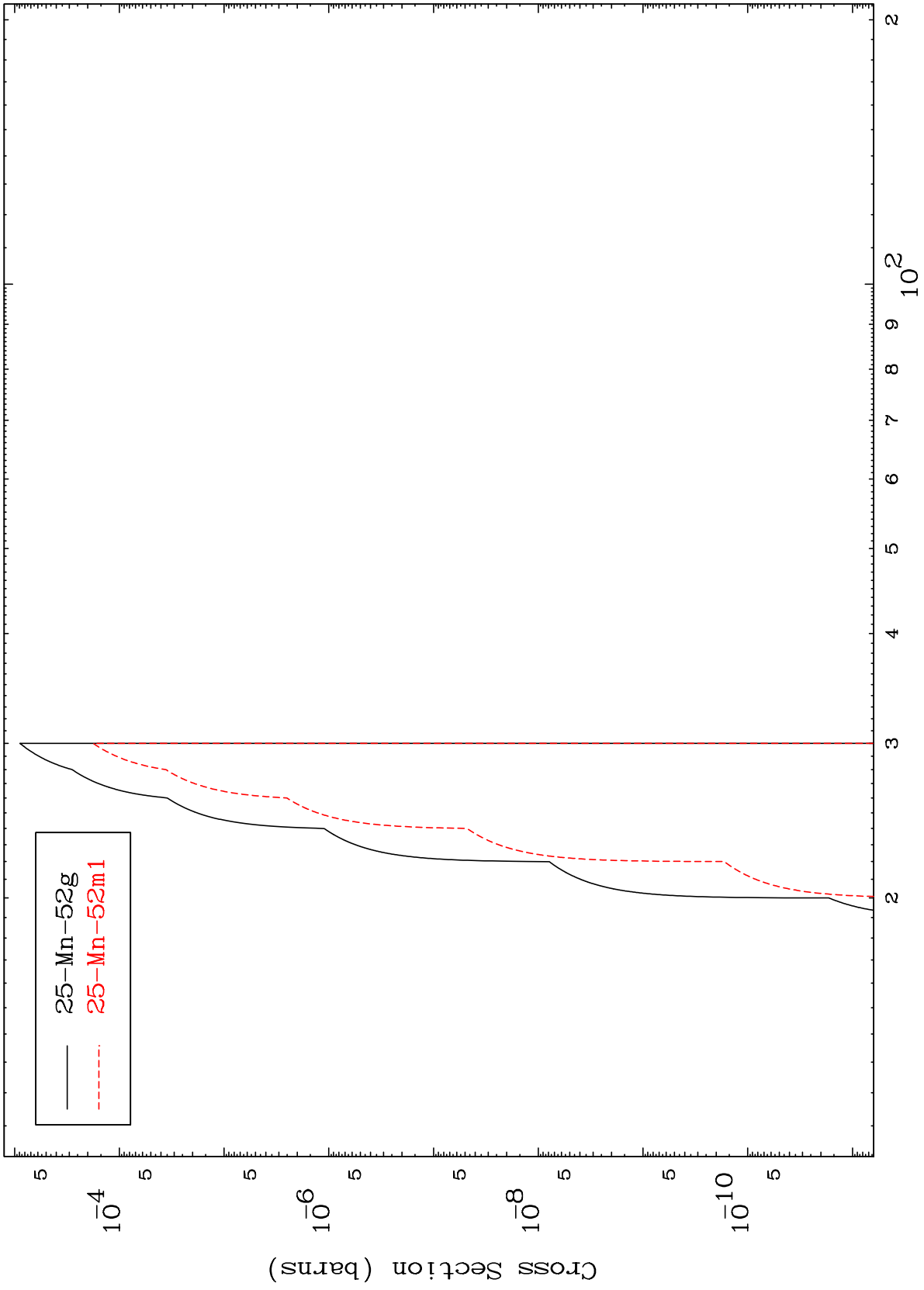
28-Ni-59

MAT 2828

(d,n') 2 $\alpha$

28-Ni-59

Radionuclide Production Cross Section



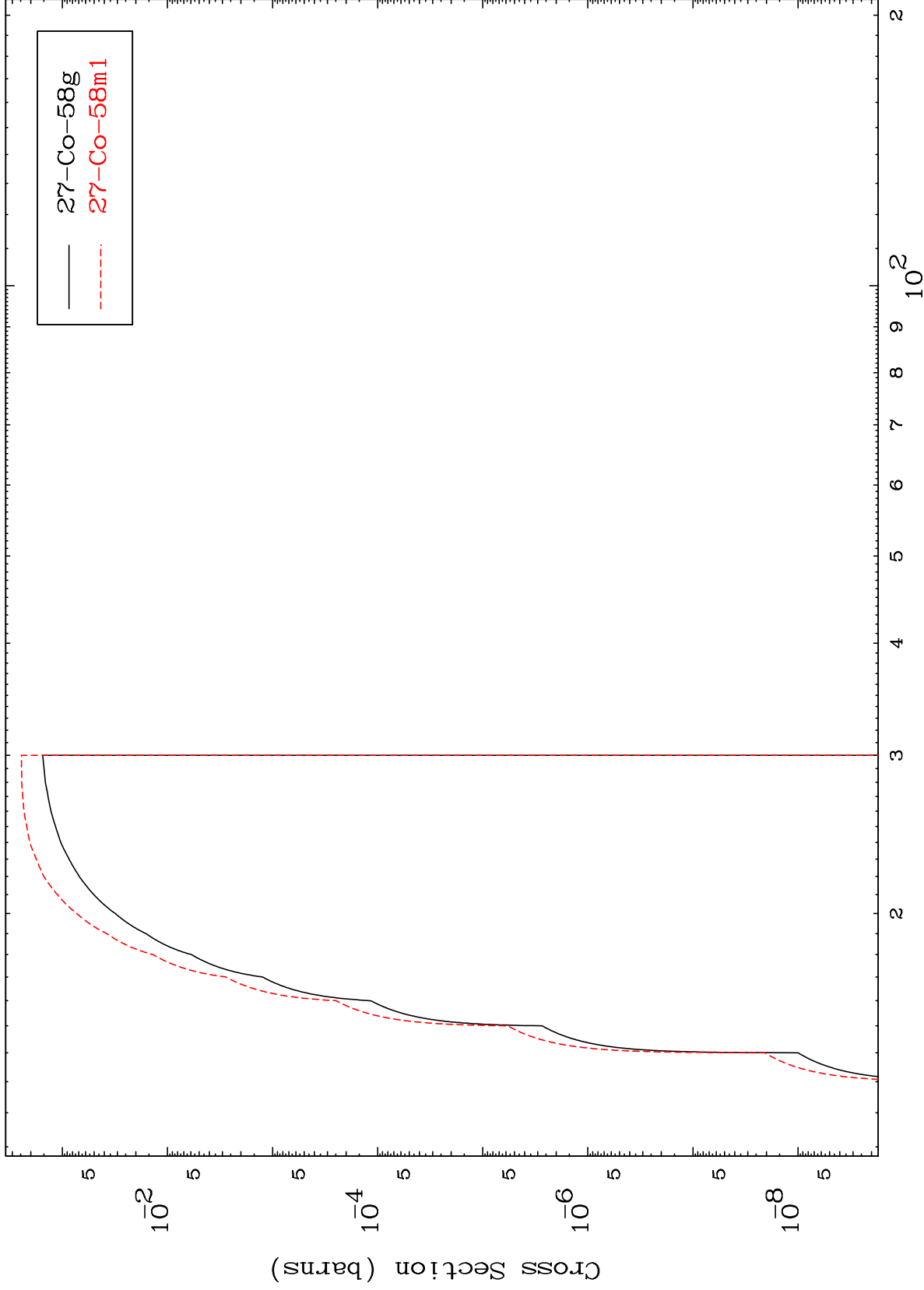
— 25-Mn-52g  
- - - 25-Mn-52m1

MAT 2828

(d,2n) p

<sup>28</sup>Ni-59

Radionuclide Production Cross Section



12

Incident Energy (MeV)

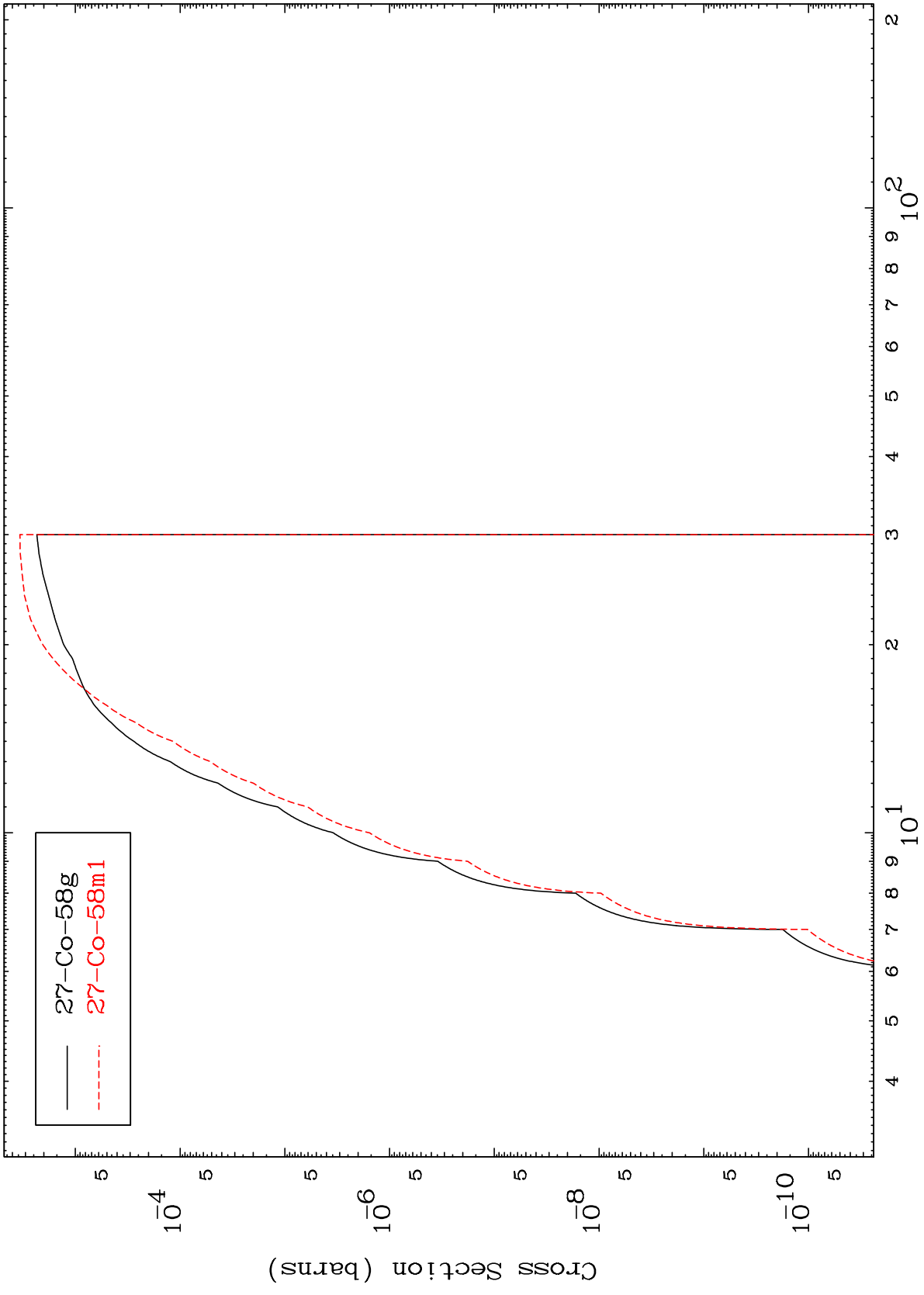
<sup>28</sup>Ni-59

MAT 2828

(d, He-3)

28-Ni-59

Radionuclide Production Cross Section



13

Incident Energy (MeV)

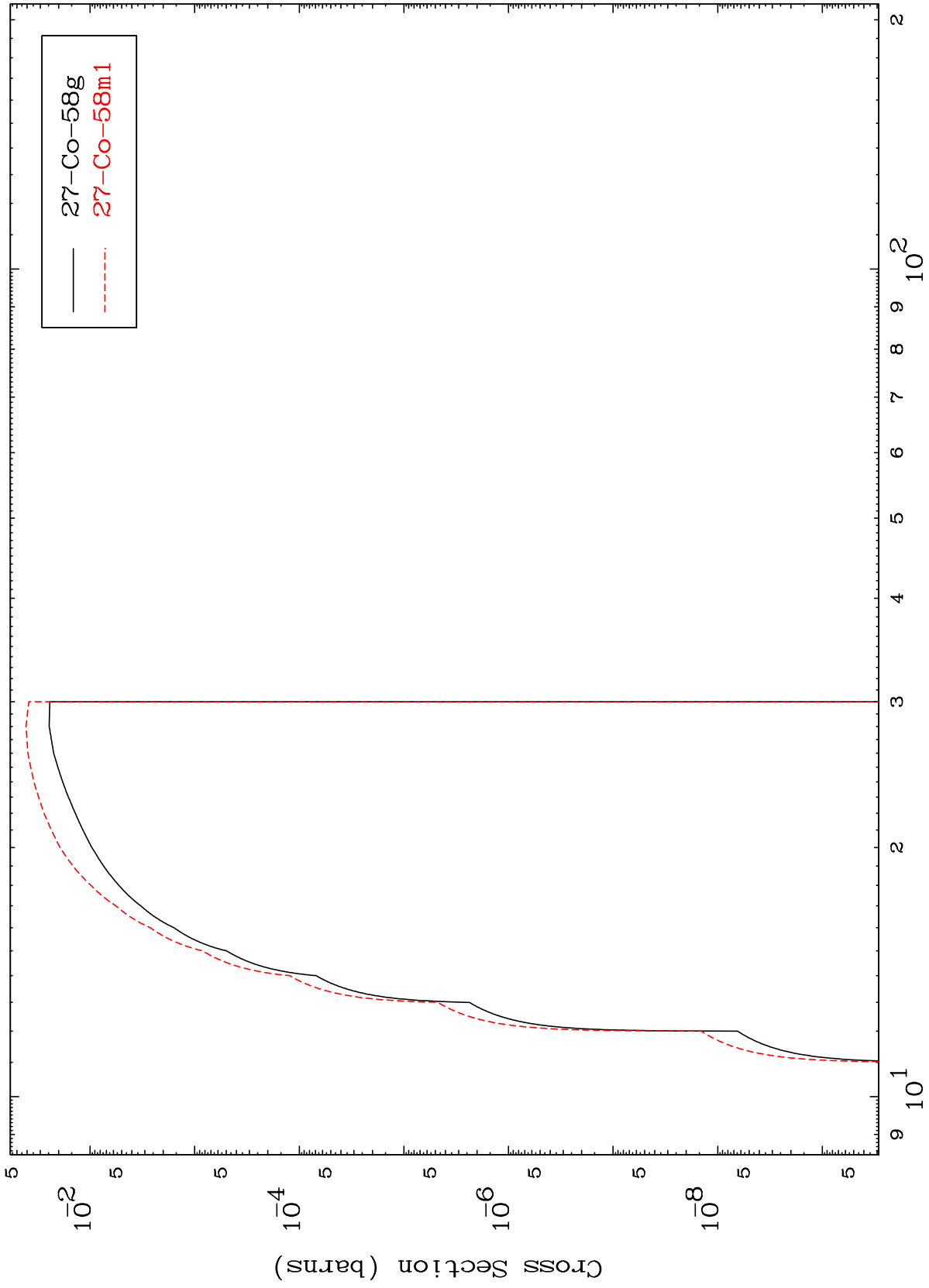
28-Ni-59

MAT 2828

(d,p) d

<sup>28</sup>Ni-59

Radionuclide Production Cross Section



14

Incident Energy (MeV)

<sup>28</sup>Ni-59