

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

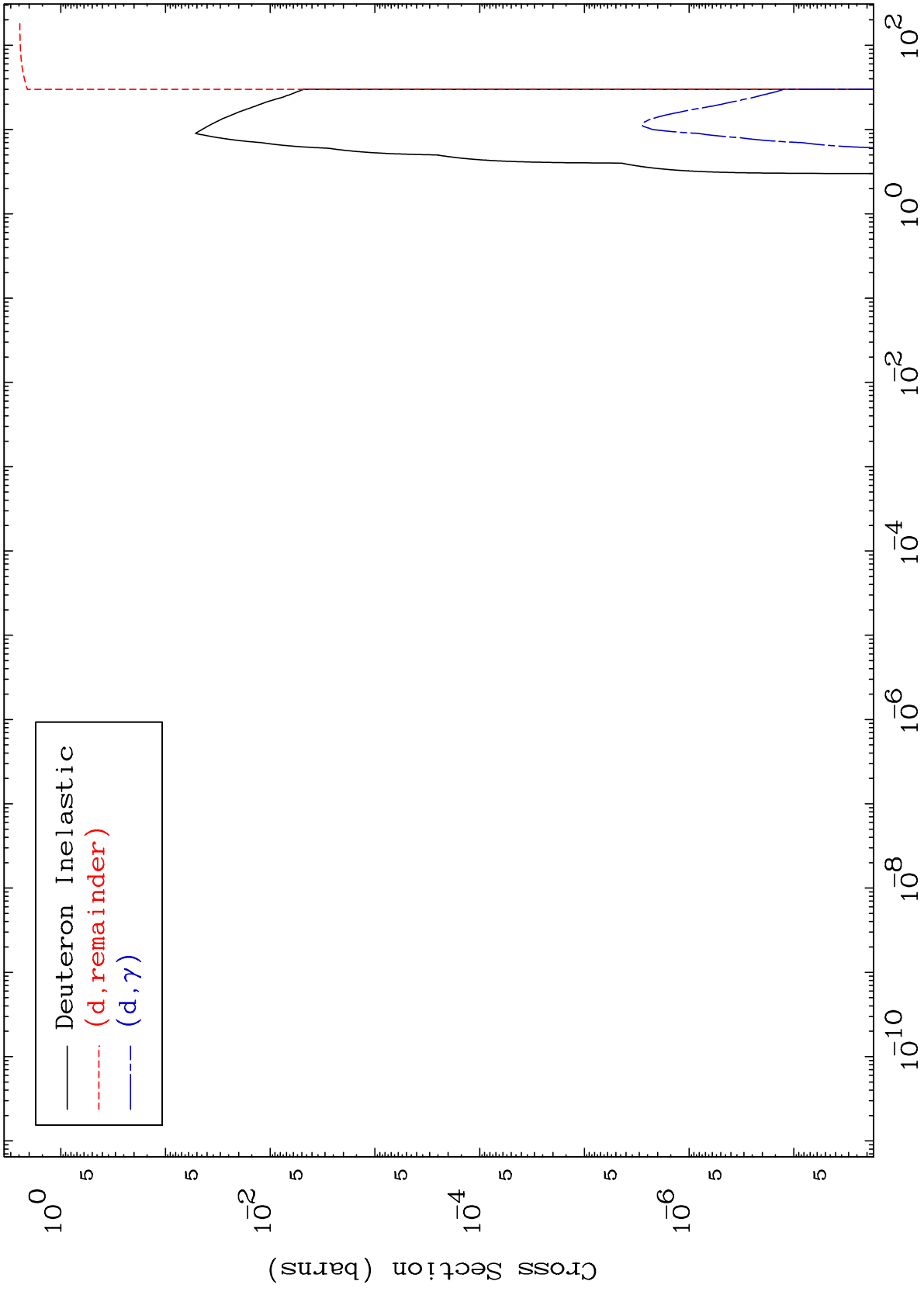
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

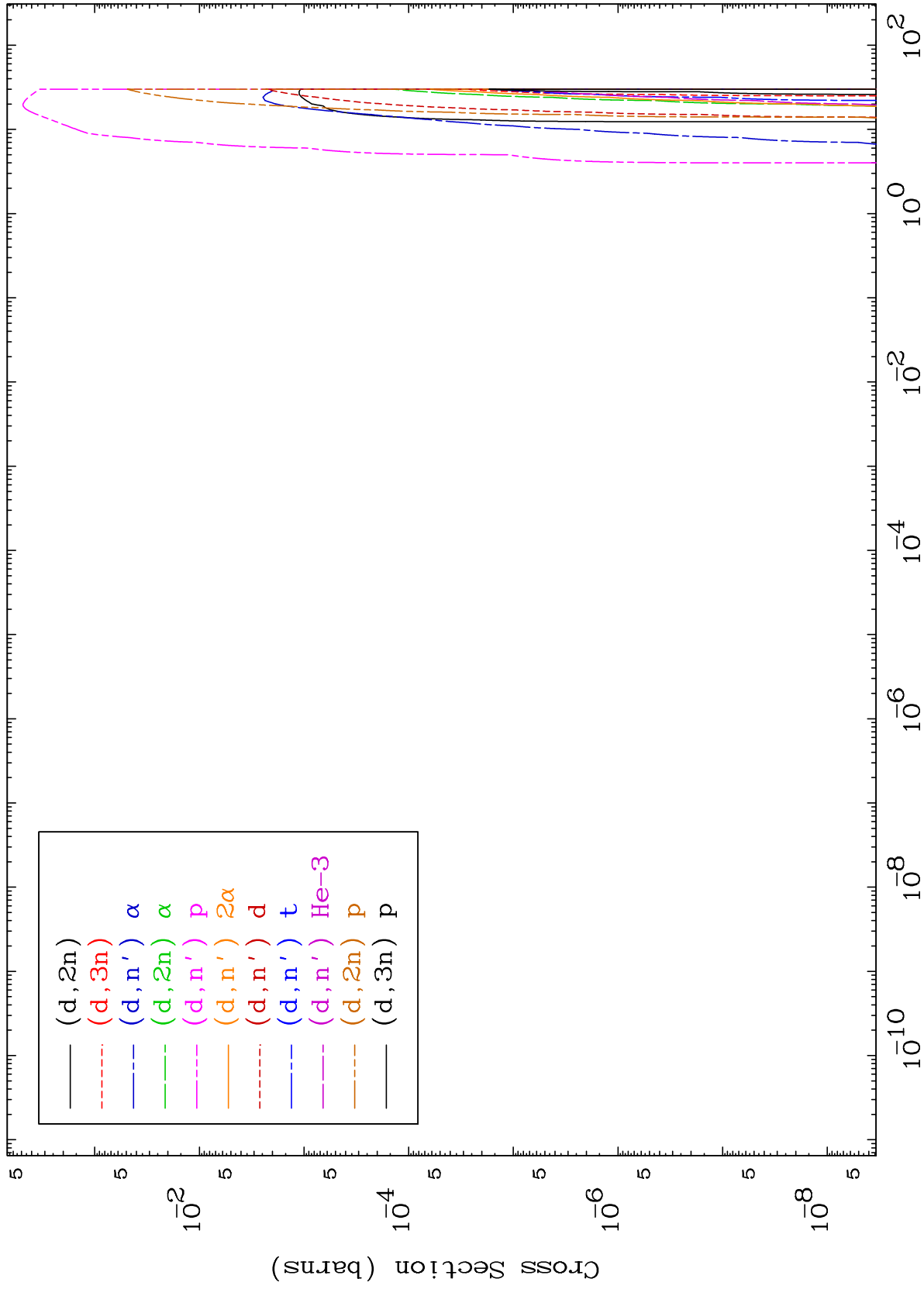
Press Mouse Button to Start



MAT 6387

Deuteron Neutron Production  
0 Kelvin Cross Sections

64-Gd-139



2

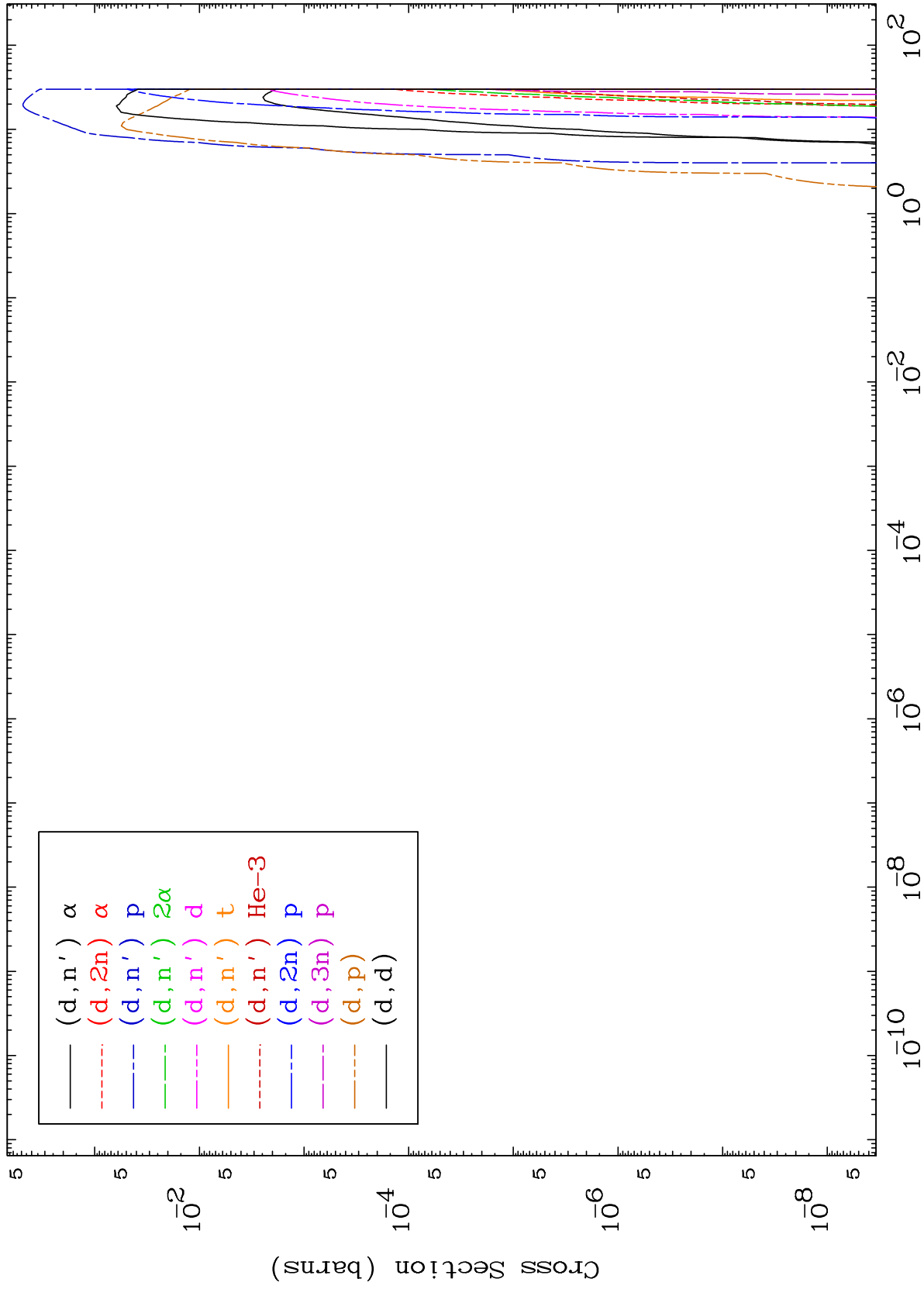
Incident Energy (MeV)

64-Gd-139

MAT 6387

Deuteron Charged Particle  
0 Kelvin Cross Sections

64-Gd-139

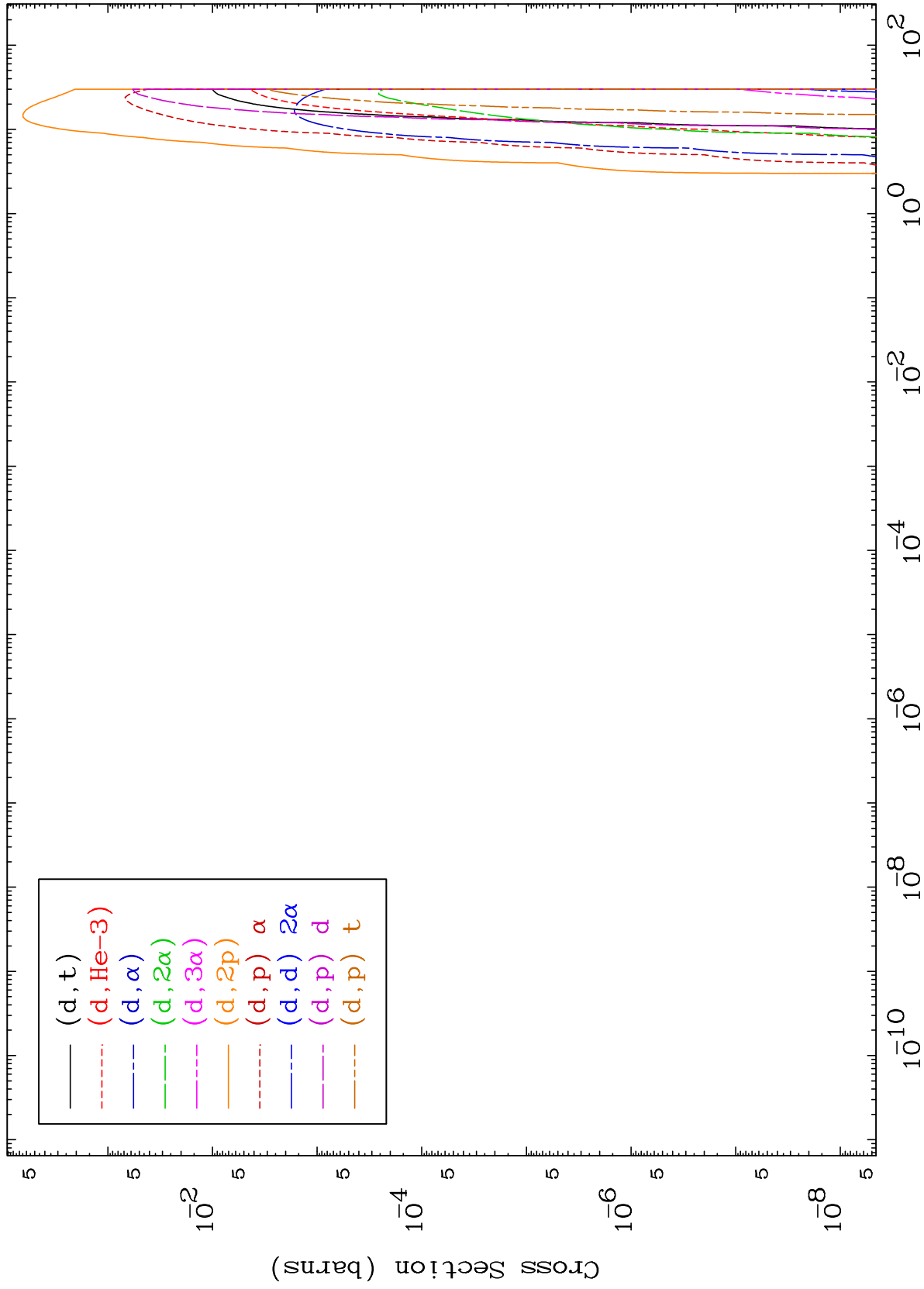


64-Gd-139

MAT 6387

Deuteron Charged Particle  
0 Kelvin Cross Sections

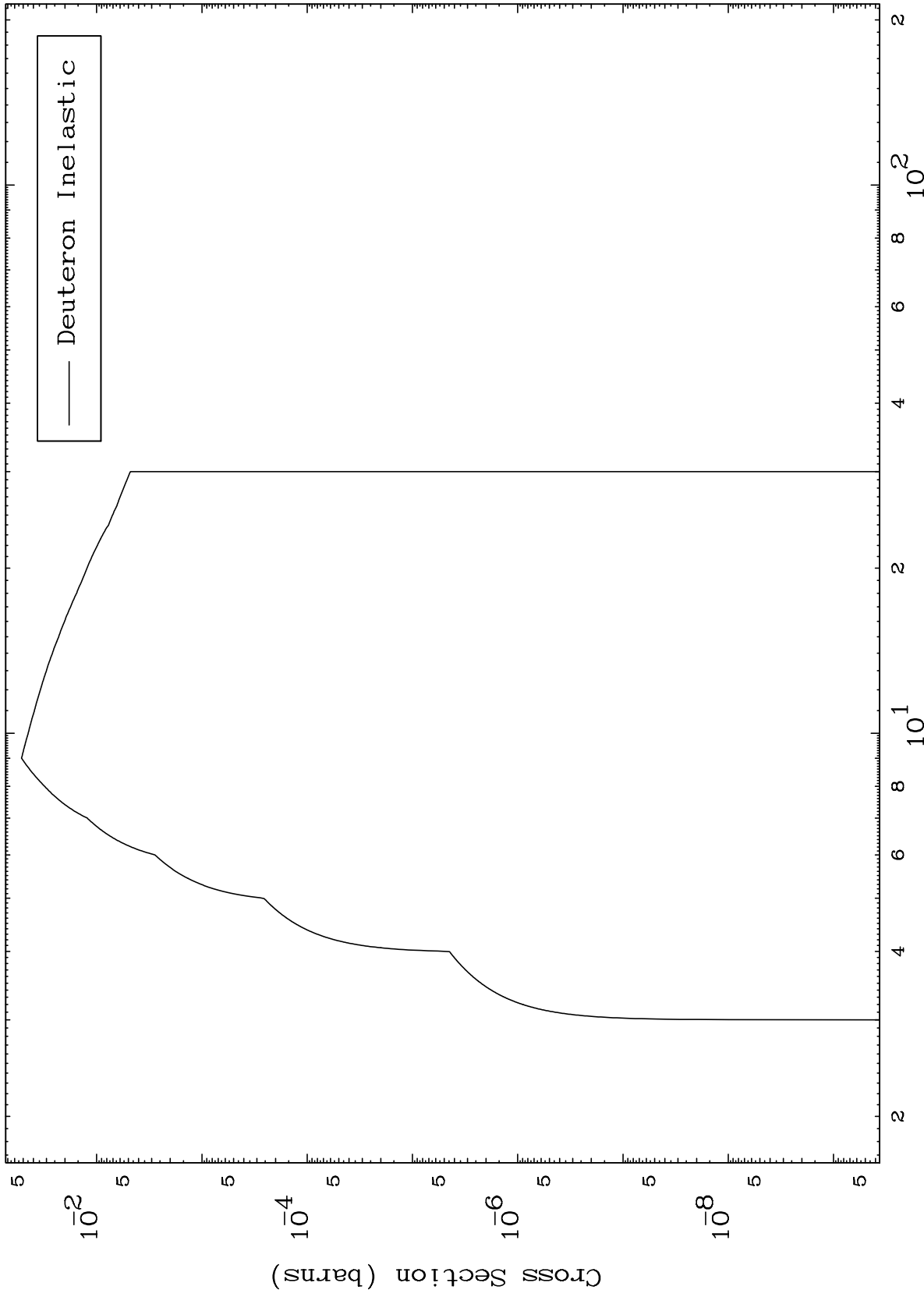
64-Gd-139



MAT 6387

(d,n') Level  
0 Kelvin Cross Sections

64-Gd-139



5

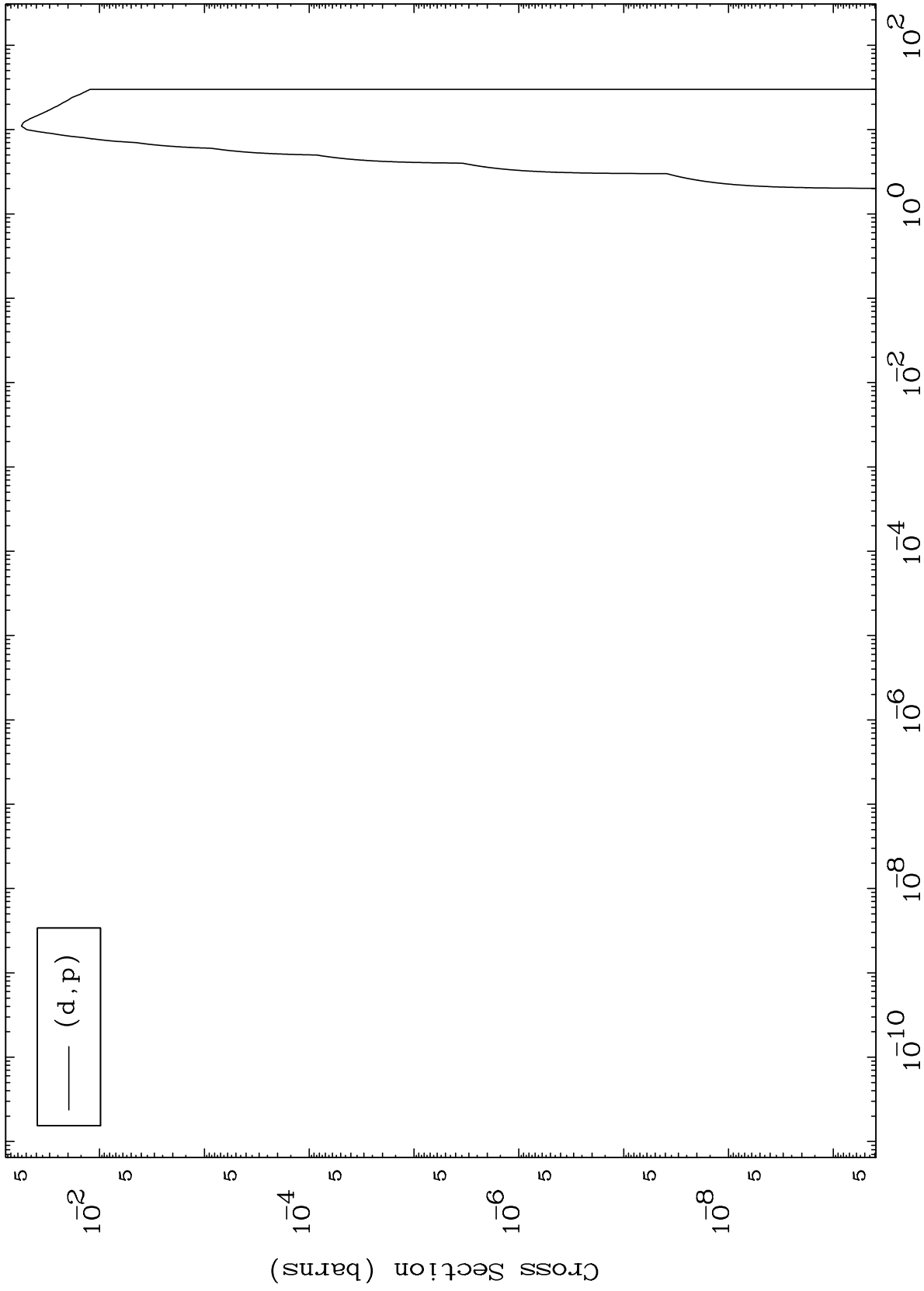
Incident Energy (MeV)

64-Gd-139

MAT 6387

(d,p) Levels  
0 Kelvin Cross Sections

64-Gd-139



6

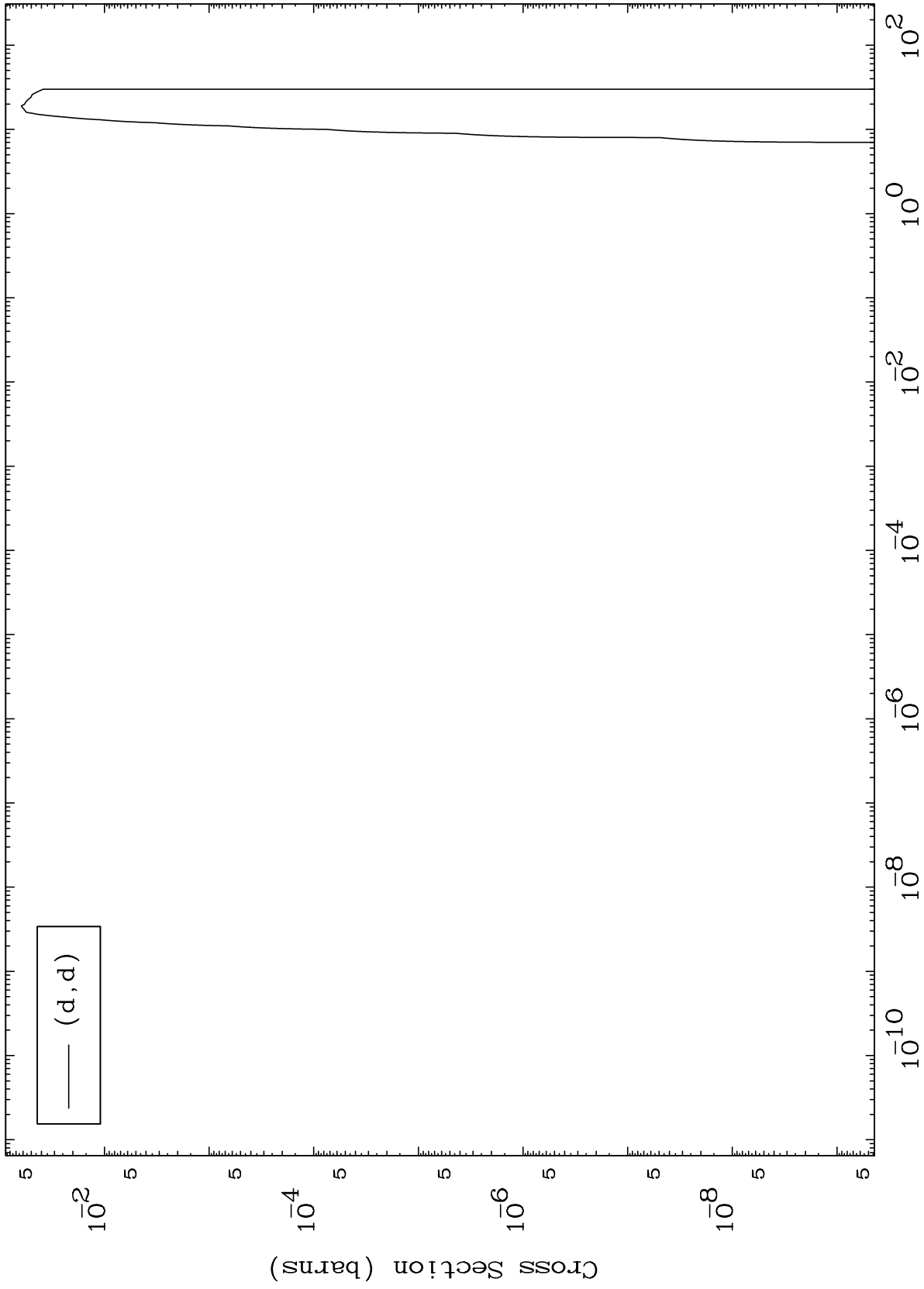
Incident Energy (MeV)

64-Gd-139

MAT 6387

(d,d) Levels  
0 Kelvin Cross Sections

64-Gd-139



7

Incident Energy (MeV)

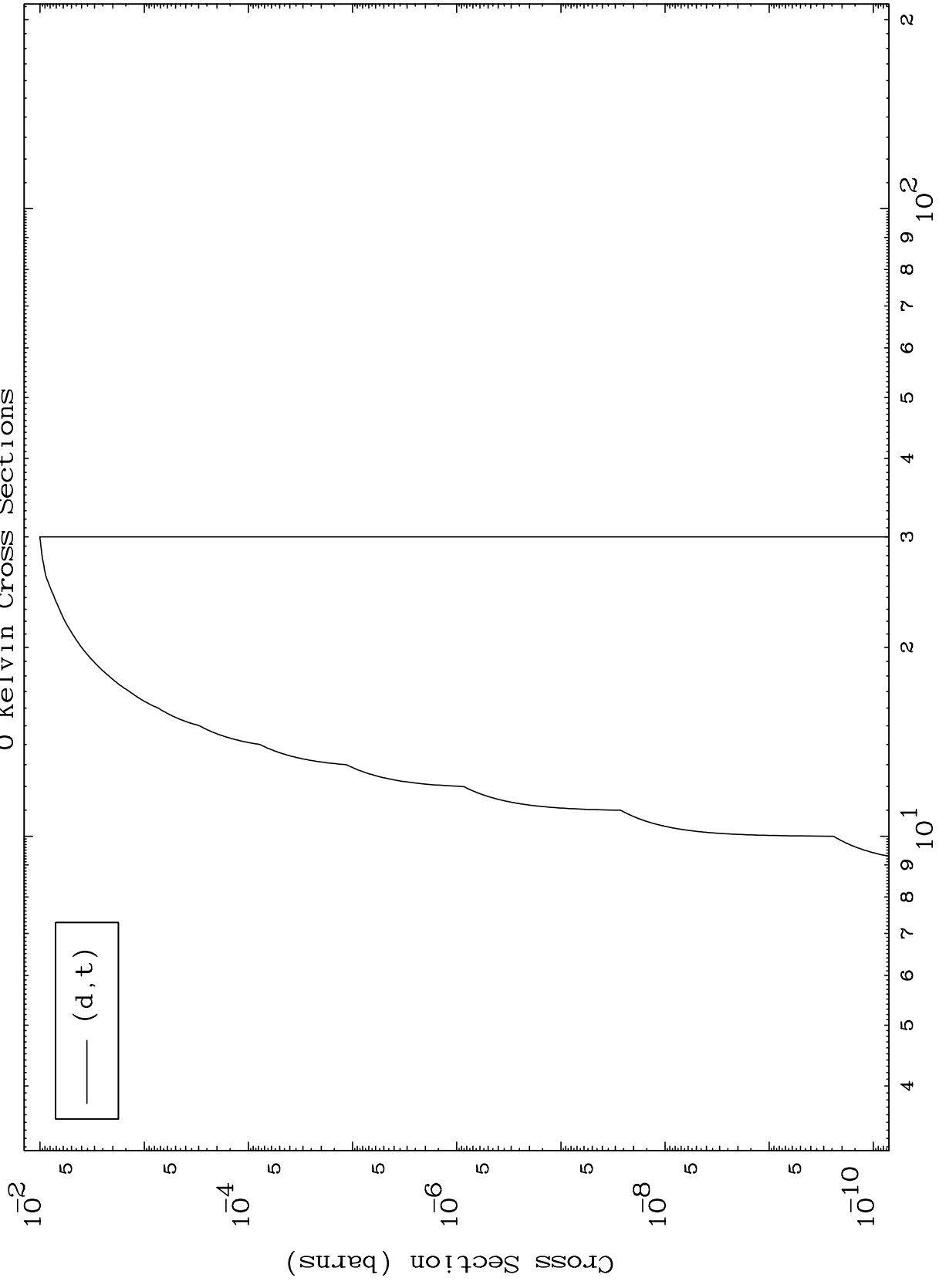
64-Gd-139



MAT 6387

(d,t) Levels  
0 Kelvin Cross Sections

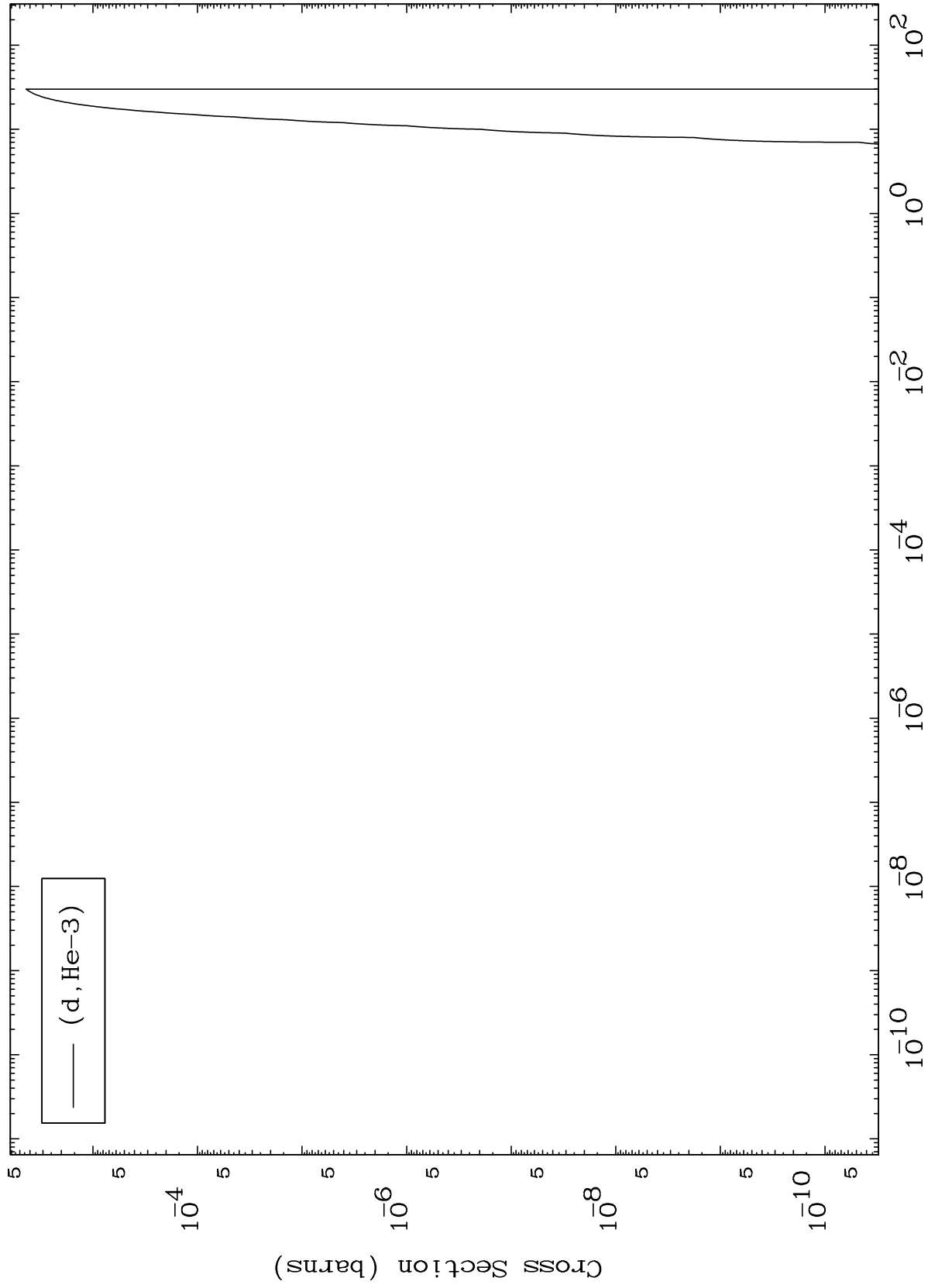
64-Gd-139



MAT 6387

(d,He3) Levels  
0 Kelvin Cross Sections

64-Gd-139



9

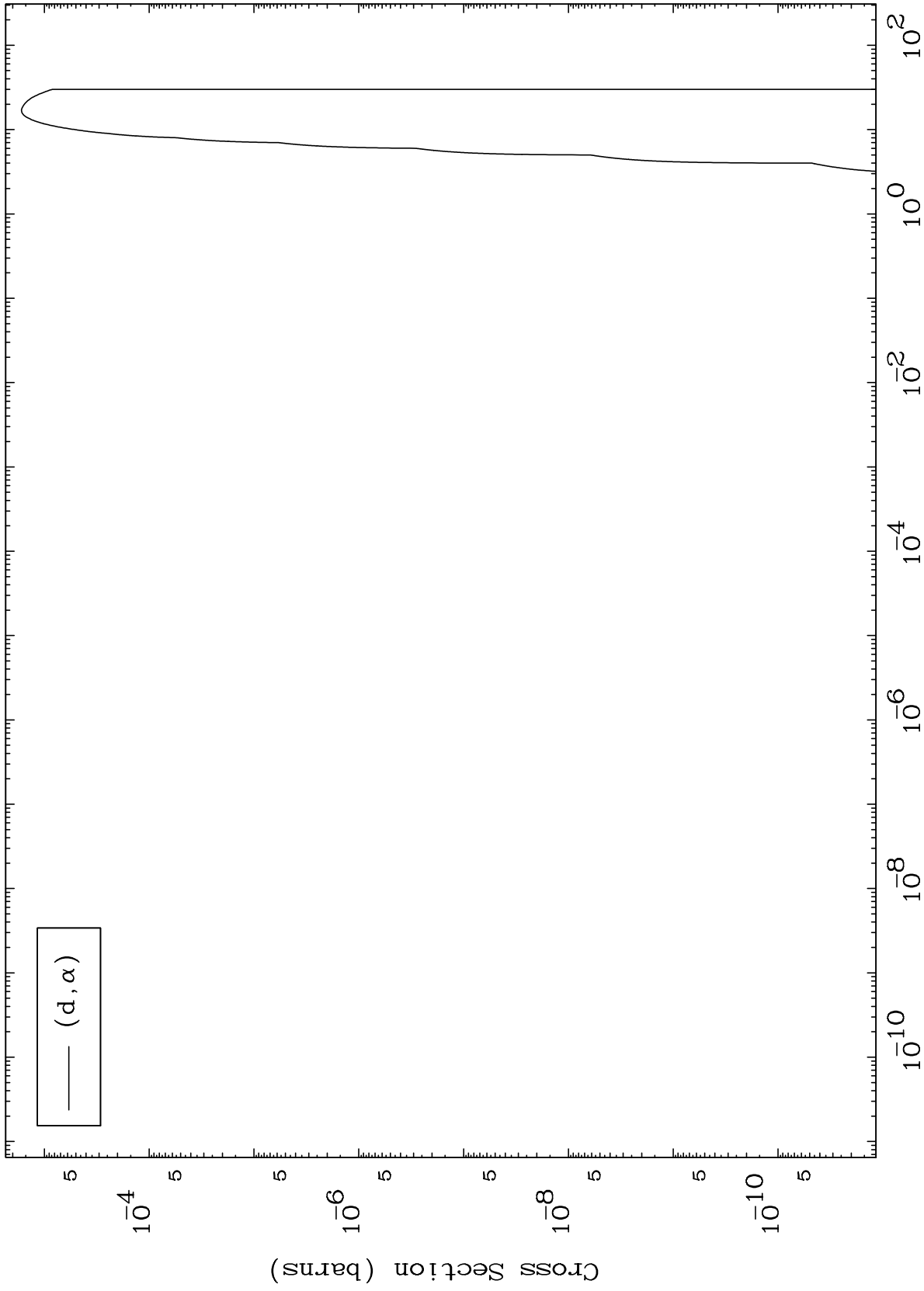
Incident Energy (MeV)

64-Gd-139

MAT 6387

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

64-Gd-139



10

Incident Energy (MeV)

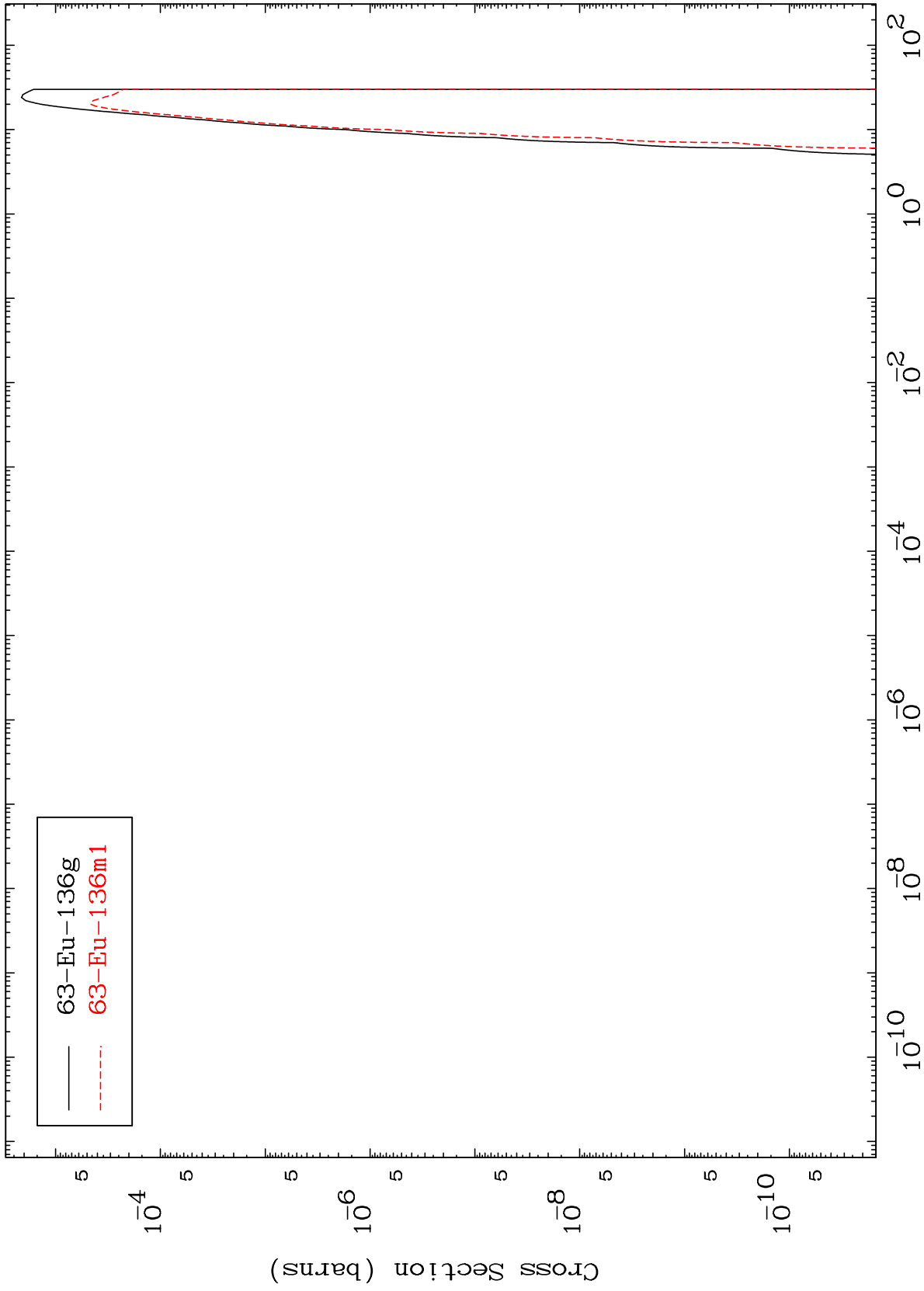
64-Gd-139

MAT 6387

(d,n')  $\alpha$

64-Gd-139

Radionuclide Production Cross Section

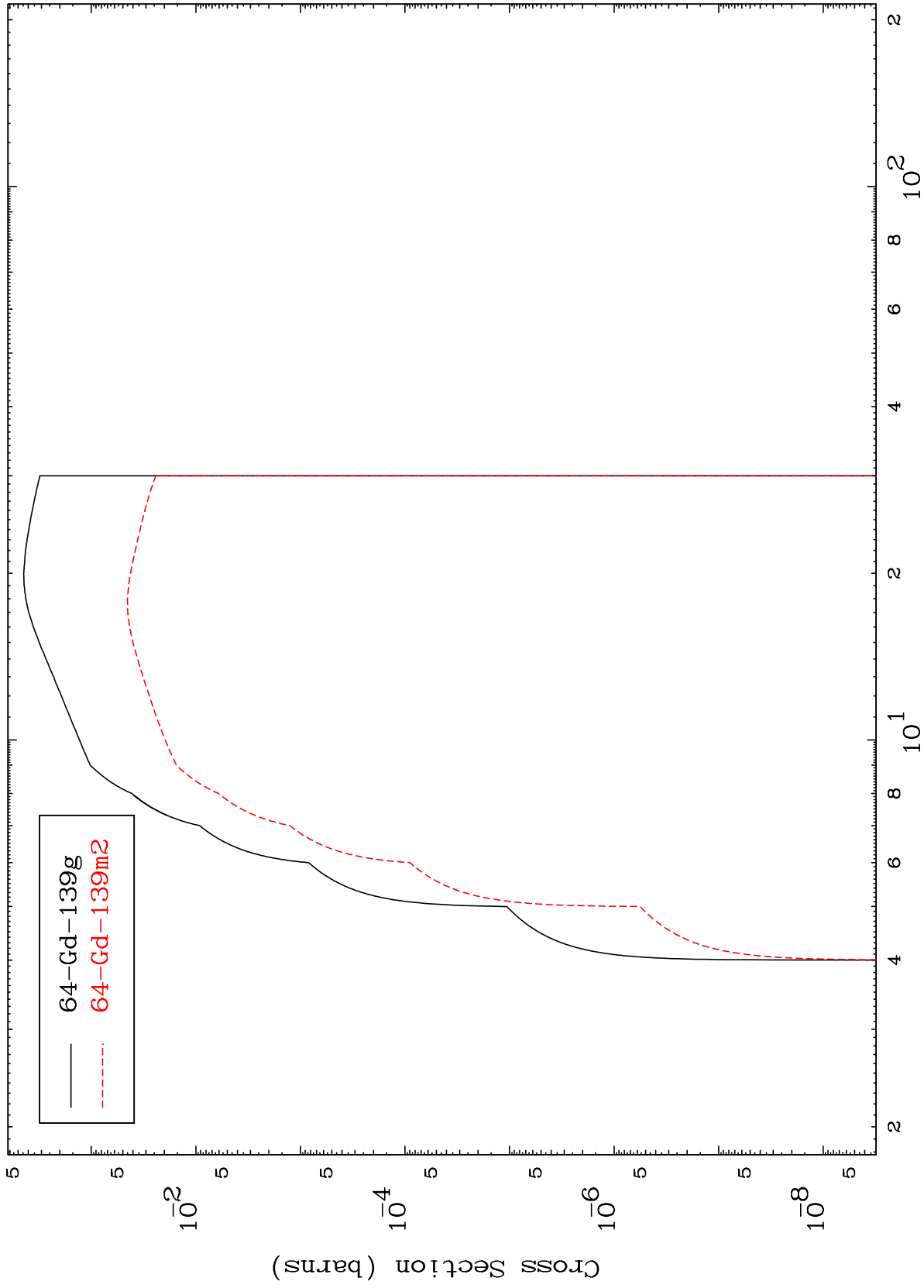


MAT 6387

(d,n') p

64-Gd-139

Radionuclide Production Cross Section



12

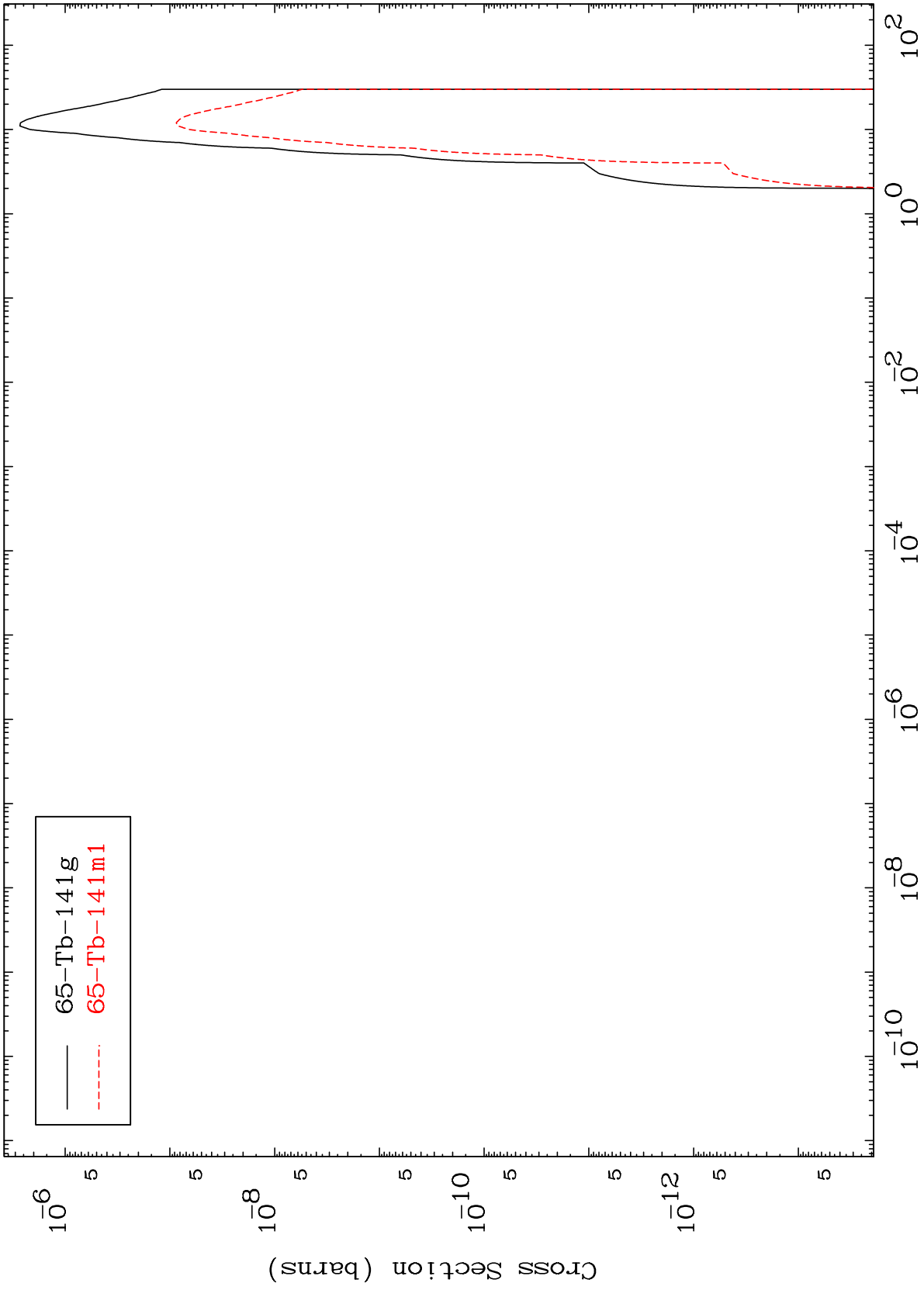
Incident Energy (MeV)

64-Gd-139

MAT 6387

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

64-Gd-139



13

Incident Energy (MeV)

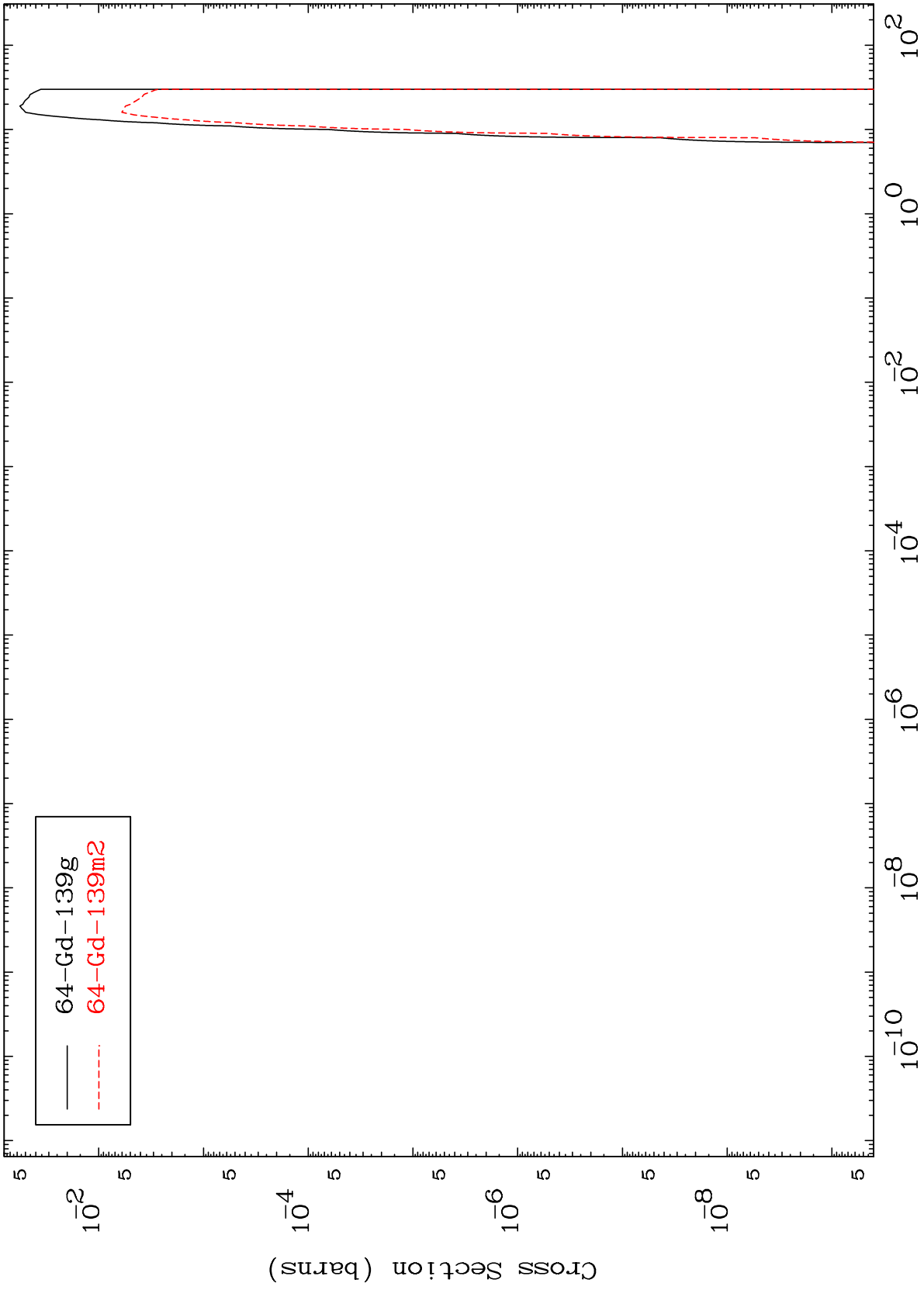
64-Gd-139

MAT 6387

(d,d)

64-Gd-139

Radionuclide Production Cross Section



14

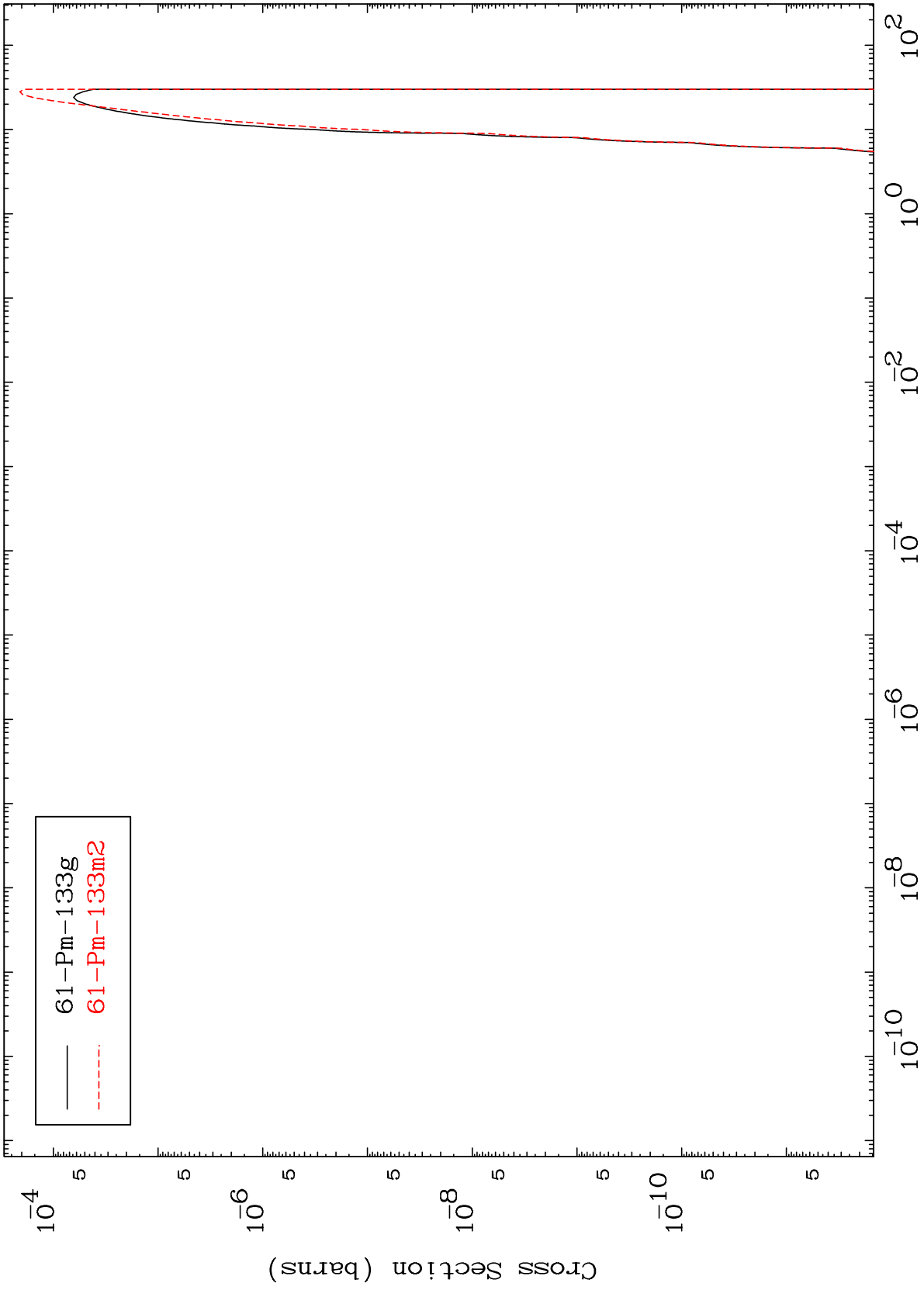
Incident Energy (MeV)

64-Gd-139

MAT 6387

(d,2α)  
Radionuclide Production Cross Section

64-Gd-139



15

Incident Energy (MeV)

64-Gd-139