

Program EVALPLOT  
(Version 2021-1)

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)

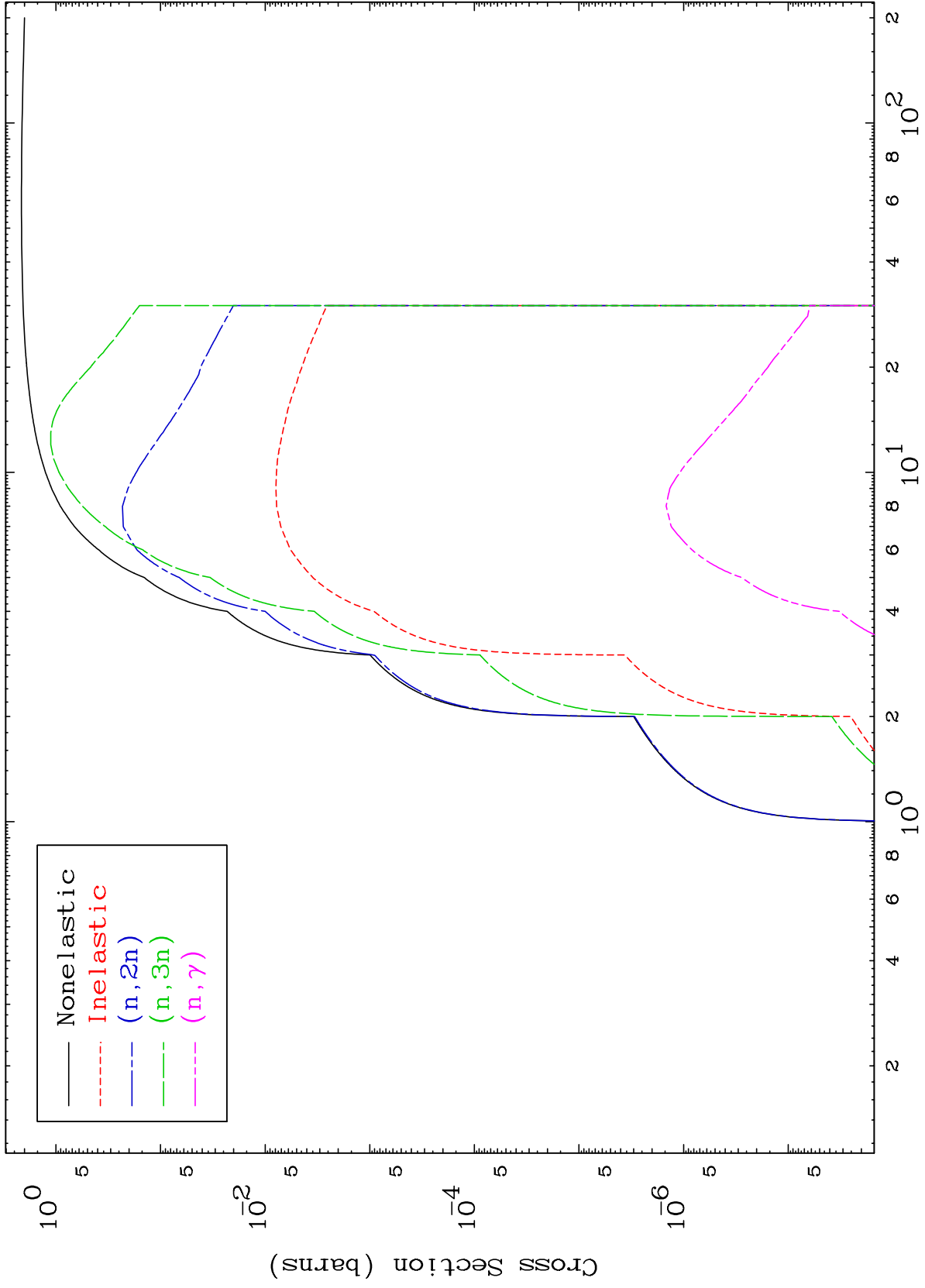
Press Mouse Button to Start

MAT 3950

Deuteron Major

39-Y -97m

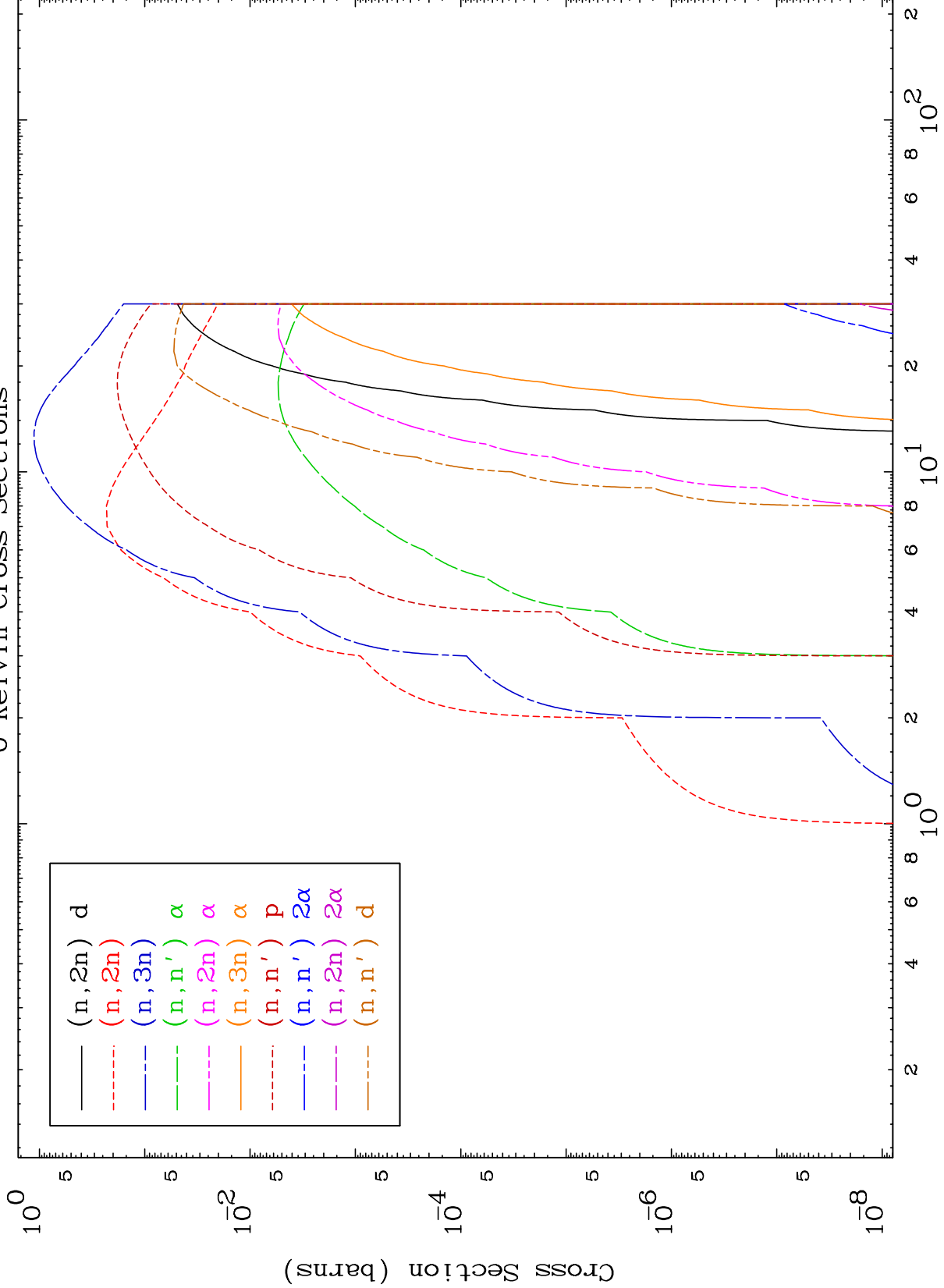
0 Kelvin Cross Sections



MAT 3950

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

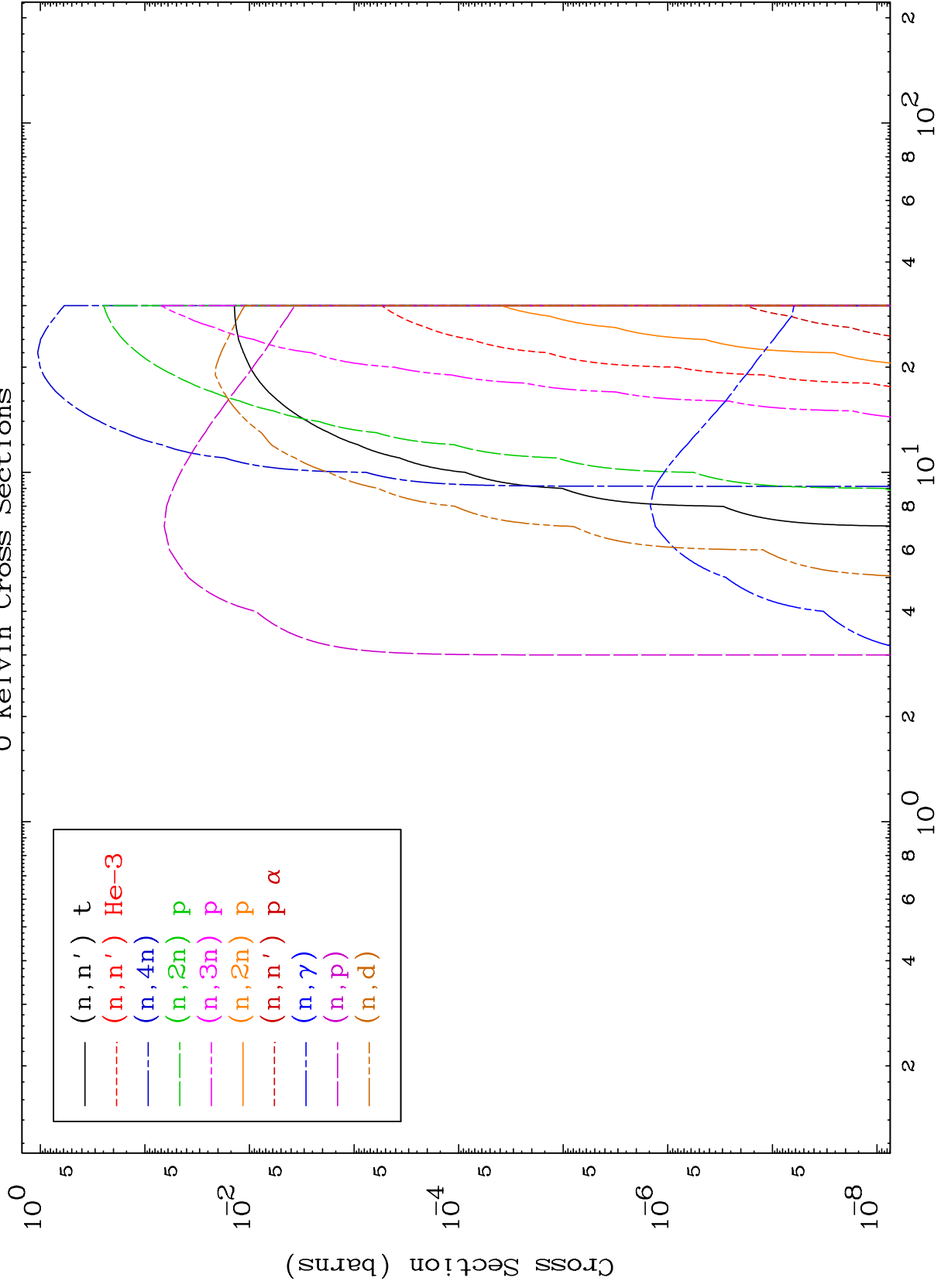
39-Y -97m



MAT 3950

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

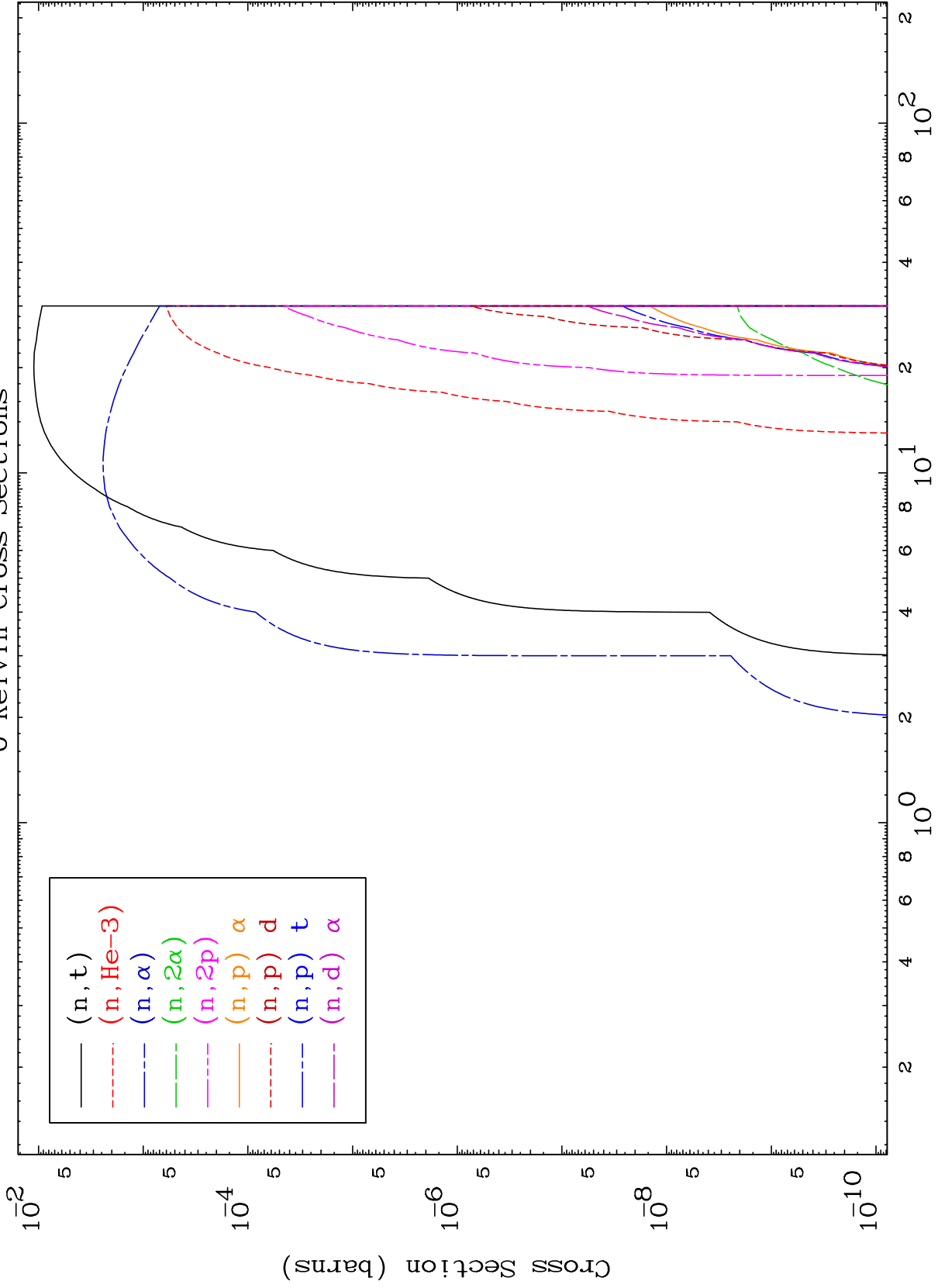
39-Y -97m



MAT 3950

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

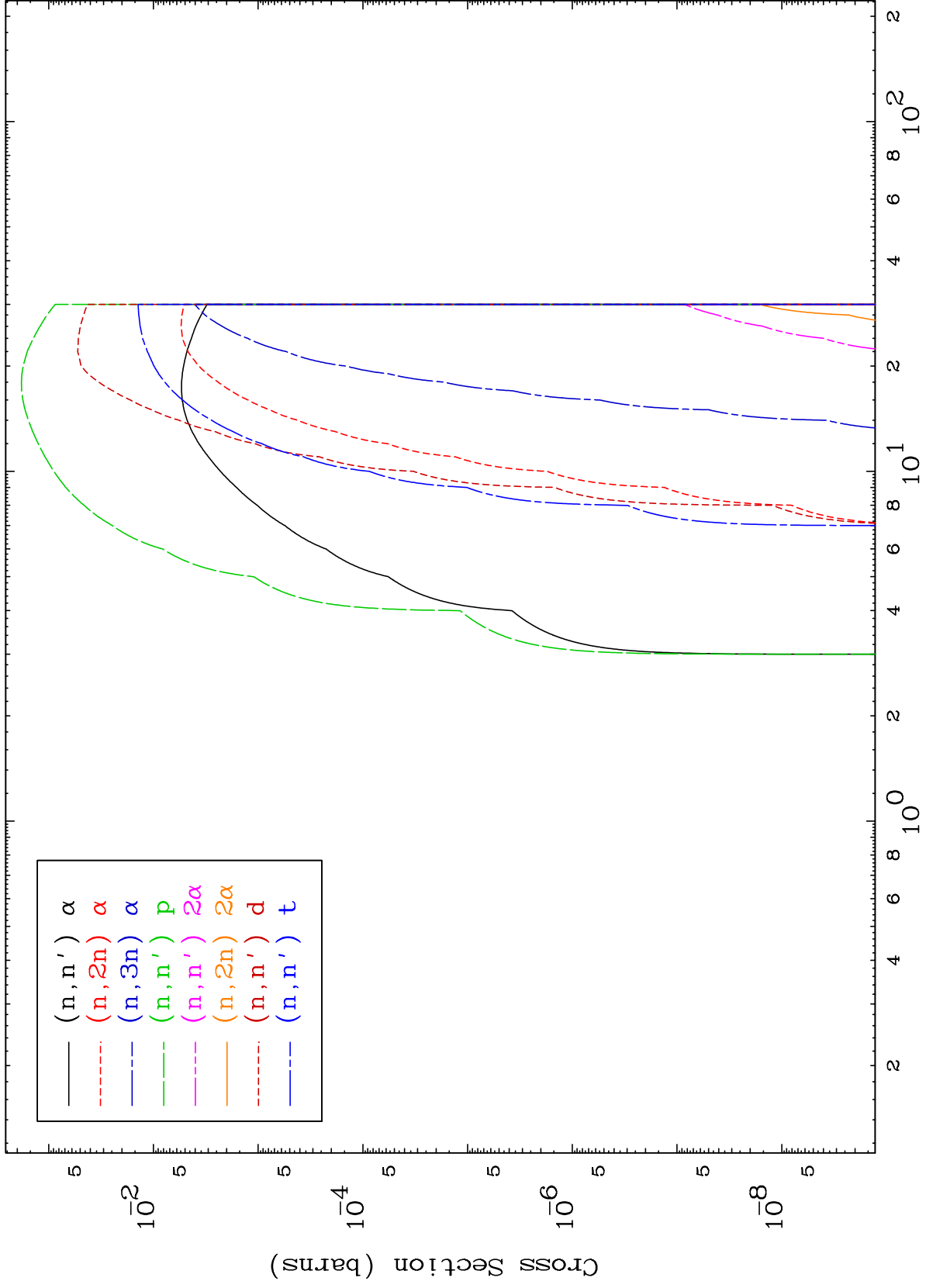
39-Y -97m



MAT 3950

Deuteron Charged Particle  
0 Kelvin Cross Sections

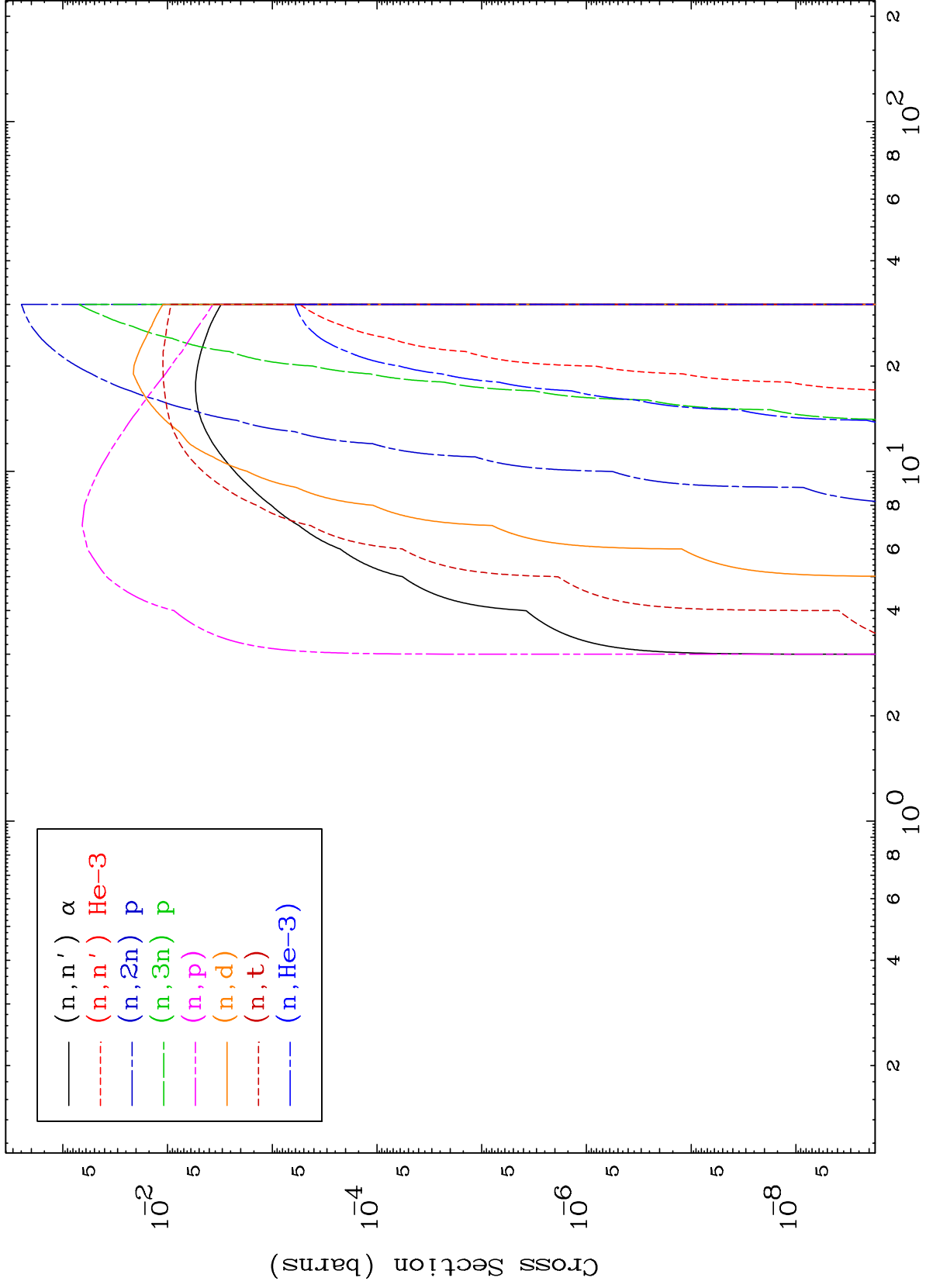
39-Y -97m



MAT 3950

Deuteron Charged Particle  
0 Kelvin Cross Sections

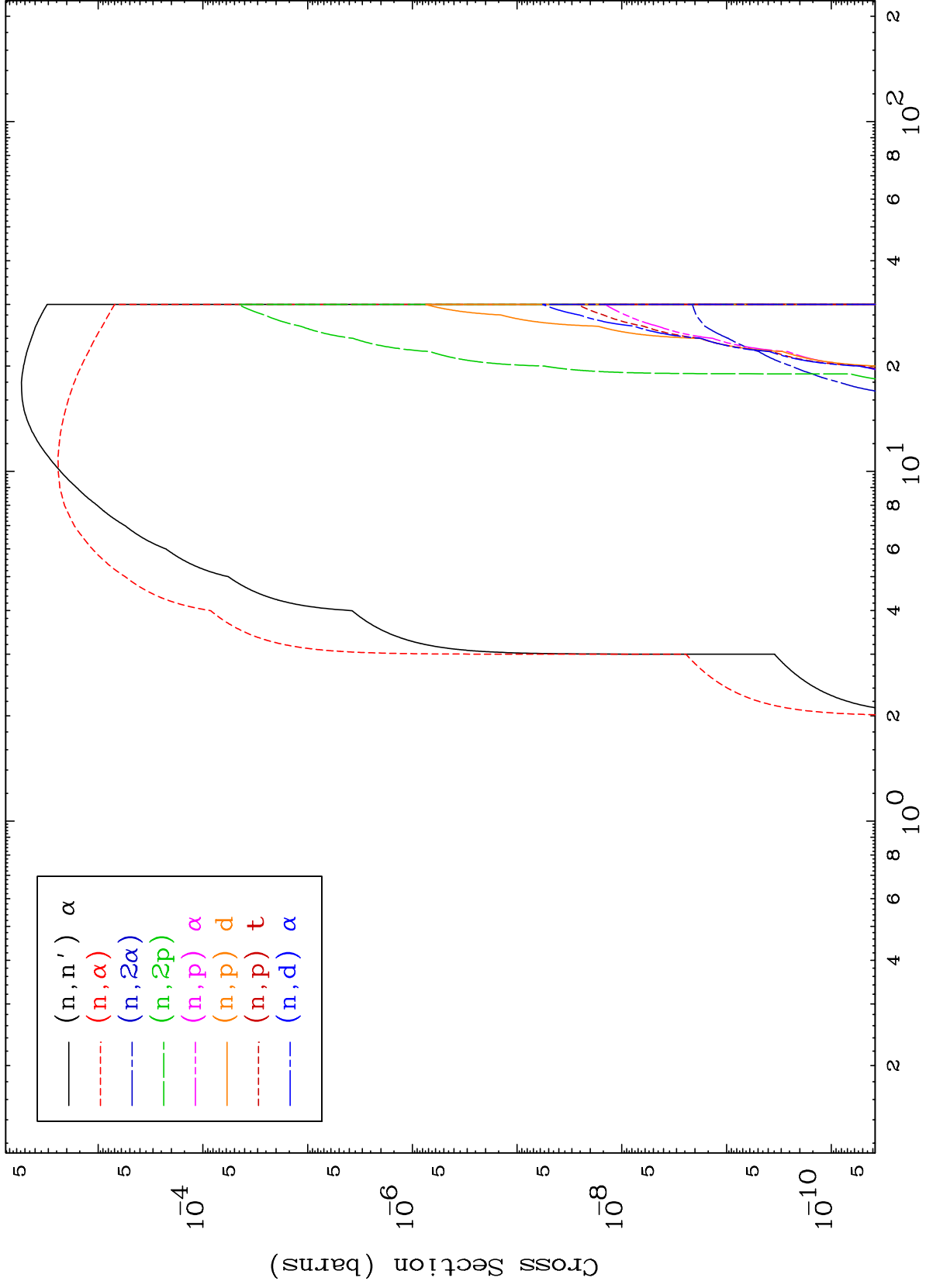
39-Y -97m



MAT 3950

Deuteron Charged Particle  
0 Kelvin Cross Sections

39-Y -97m

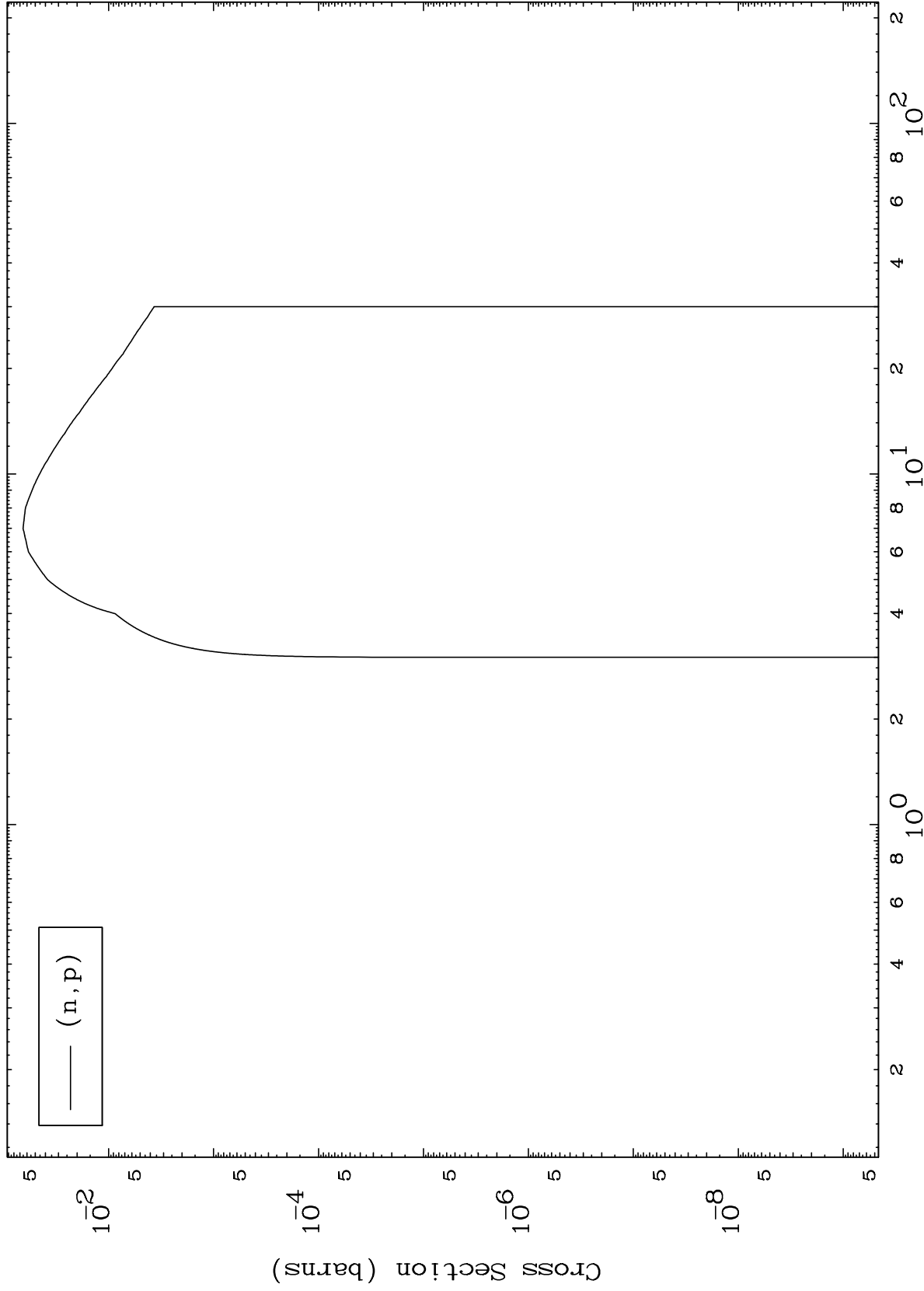


MAT 3950

(d,p) Levels

39-Y -97m

0 Kelvin Cross Sections

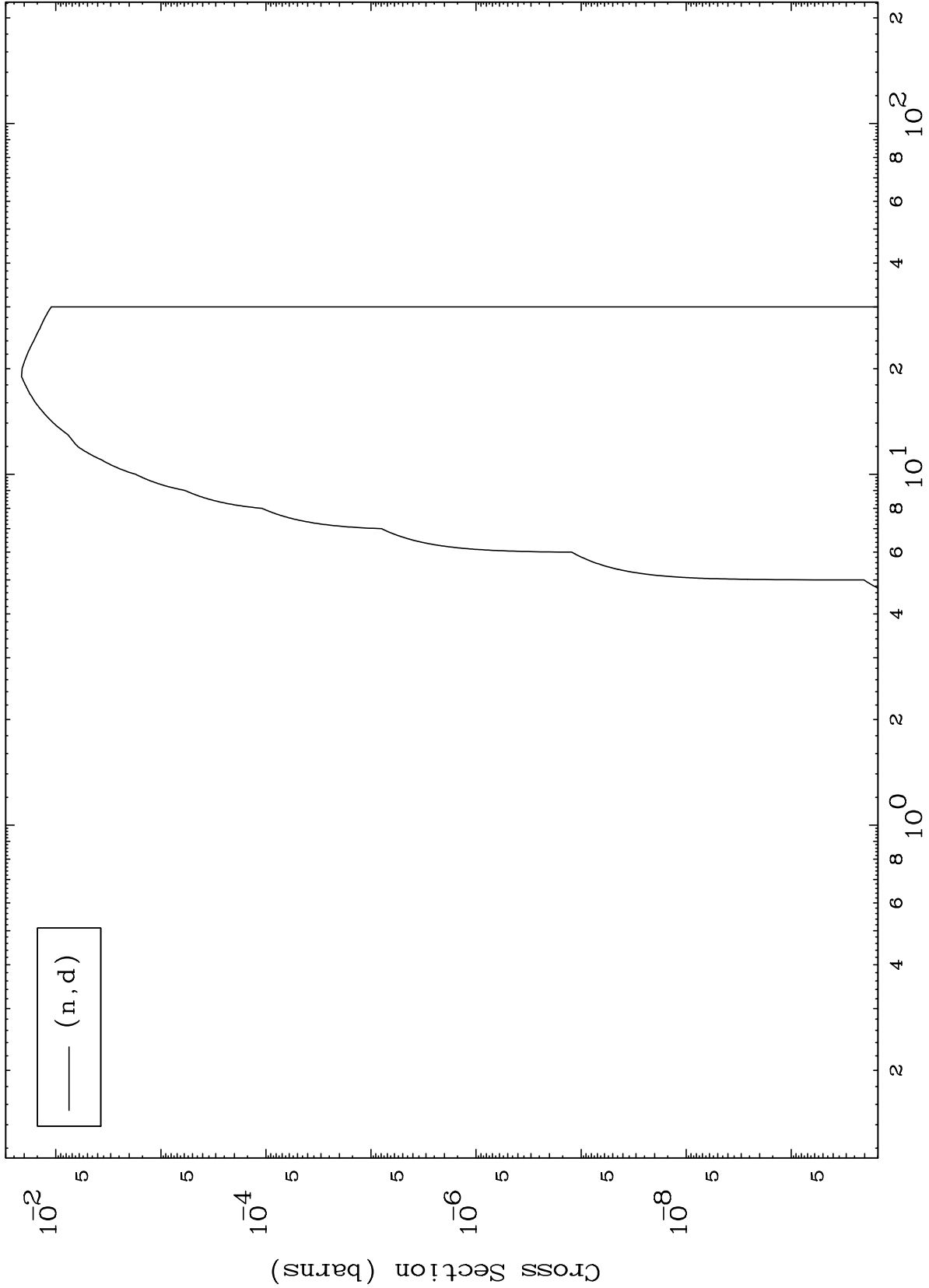


MAT 3950

(d,d) Levels

39-Y -97m

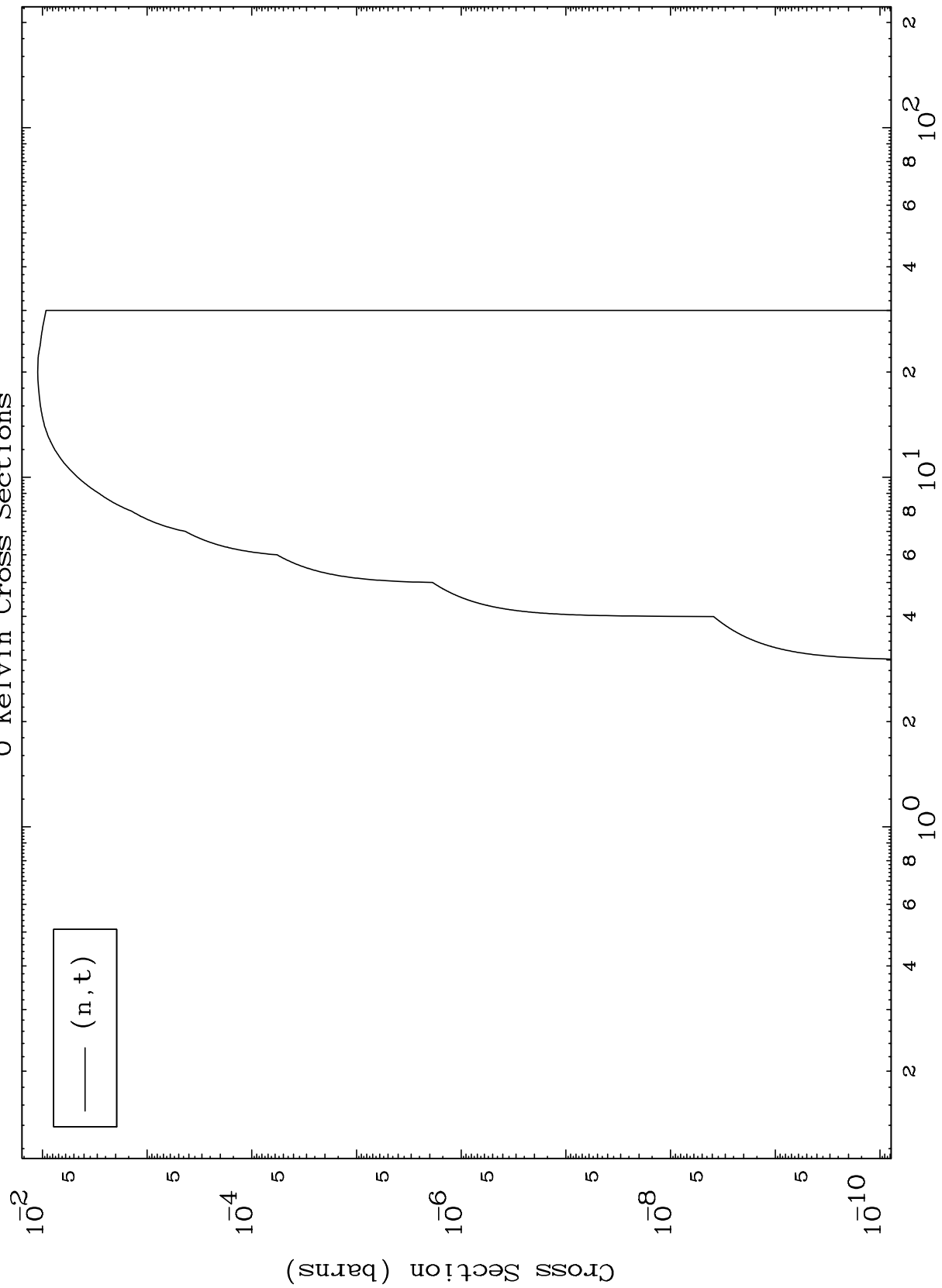
0 Kelvin Cross Sections



MAT 3950

39-Y -97m

(d,t) Levels  
0 Kelvin Cross Sections



39-Y -97m

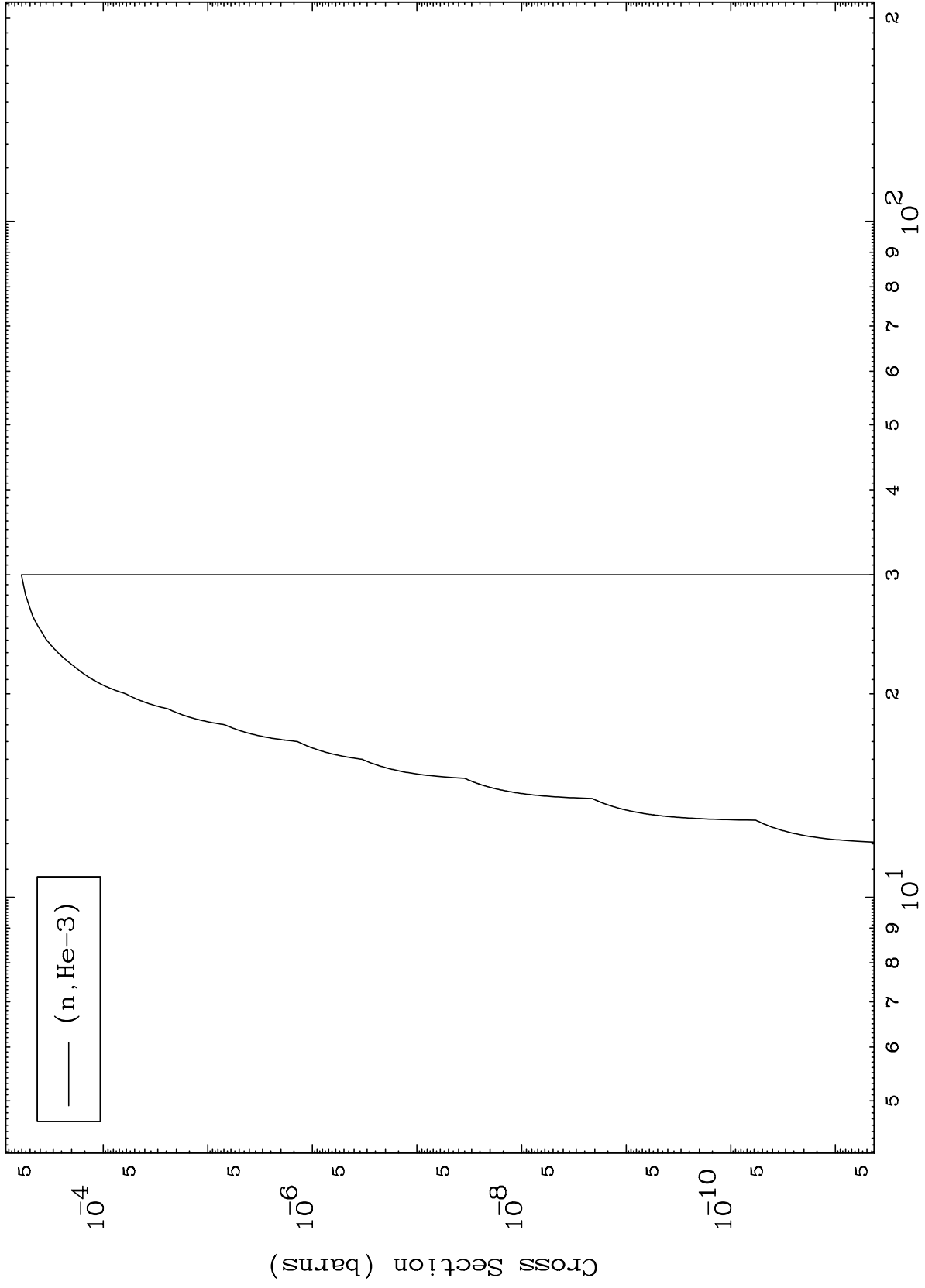
Incident Energy (MeV)

10

MAT 3950

(d,He3) Levels  
0 Kelvin Cross Sections

39-Y -97m

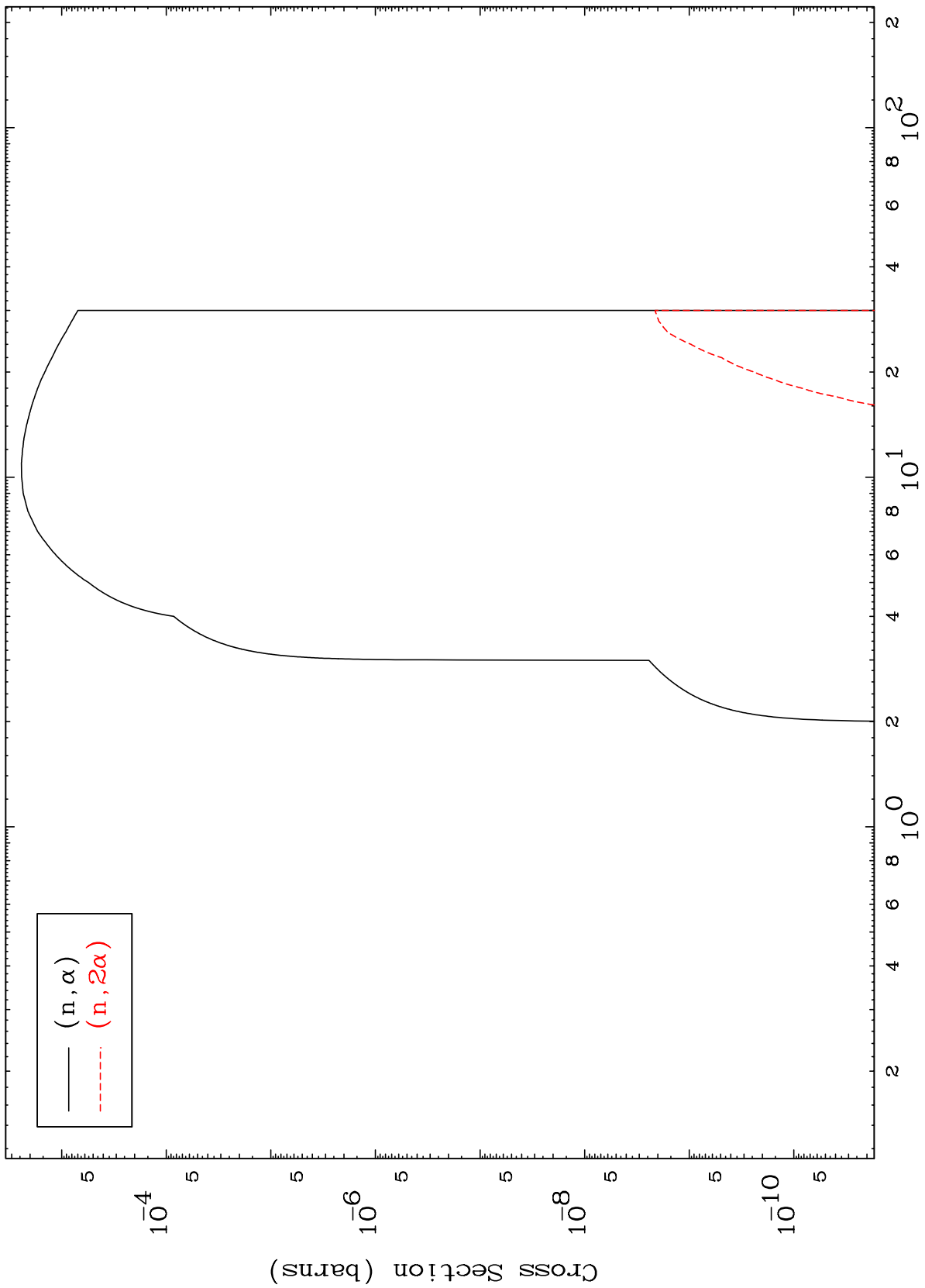


MAT 3950

(d,  $\alpha$ ) Levels

39-Y -97m

0 Kelvin Cross Sections



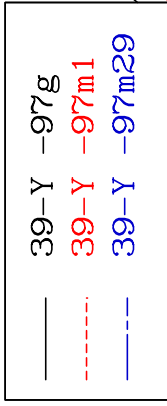
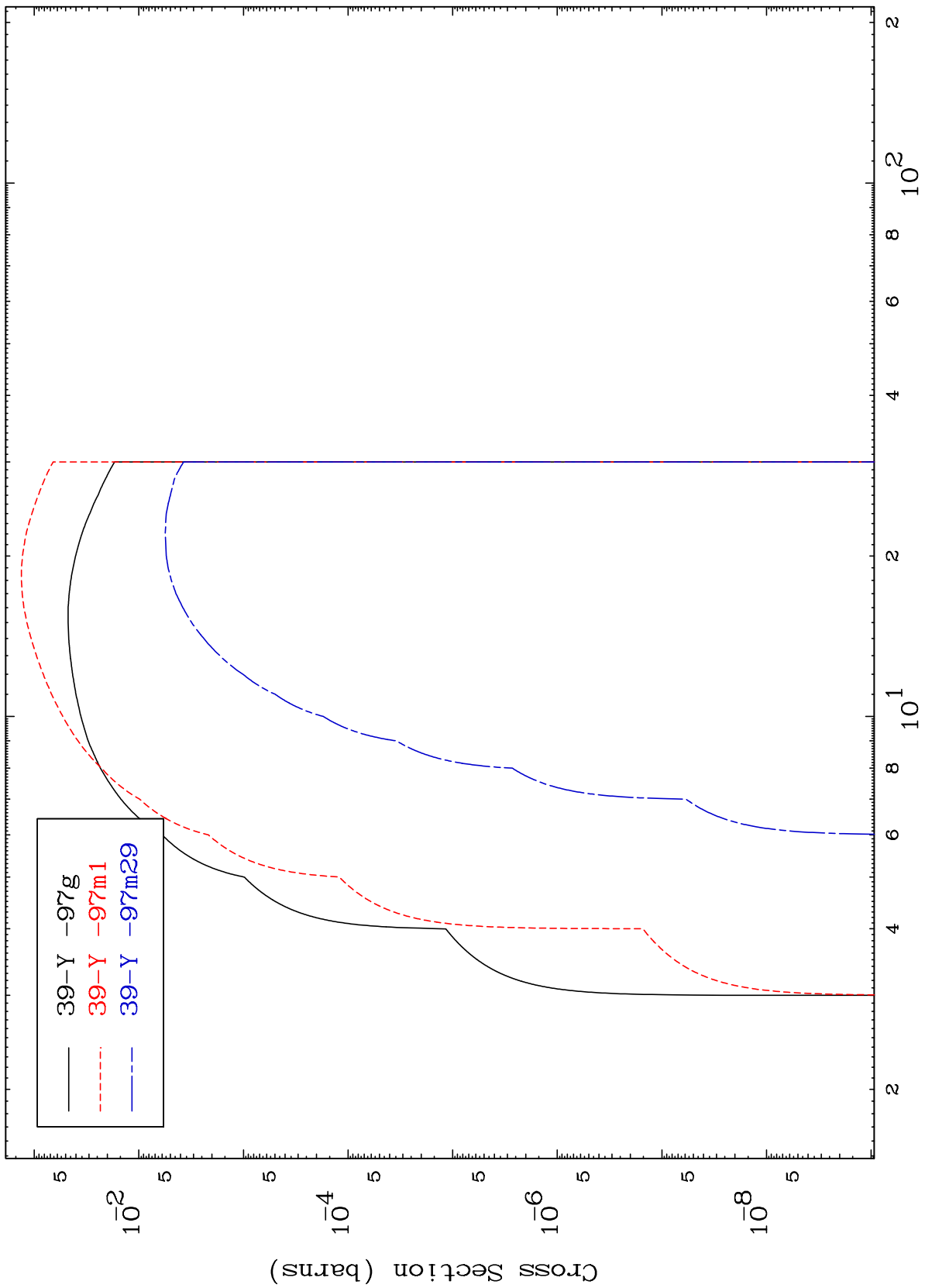
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 3950

(n,n') p

39-Y -97m

Radionuclide Production Cross Section

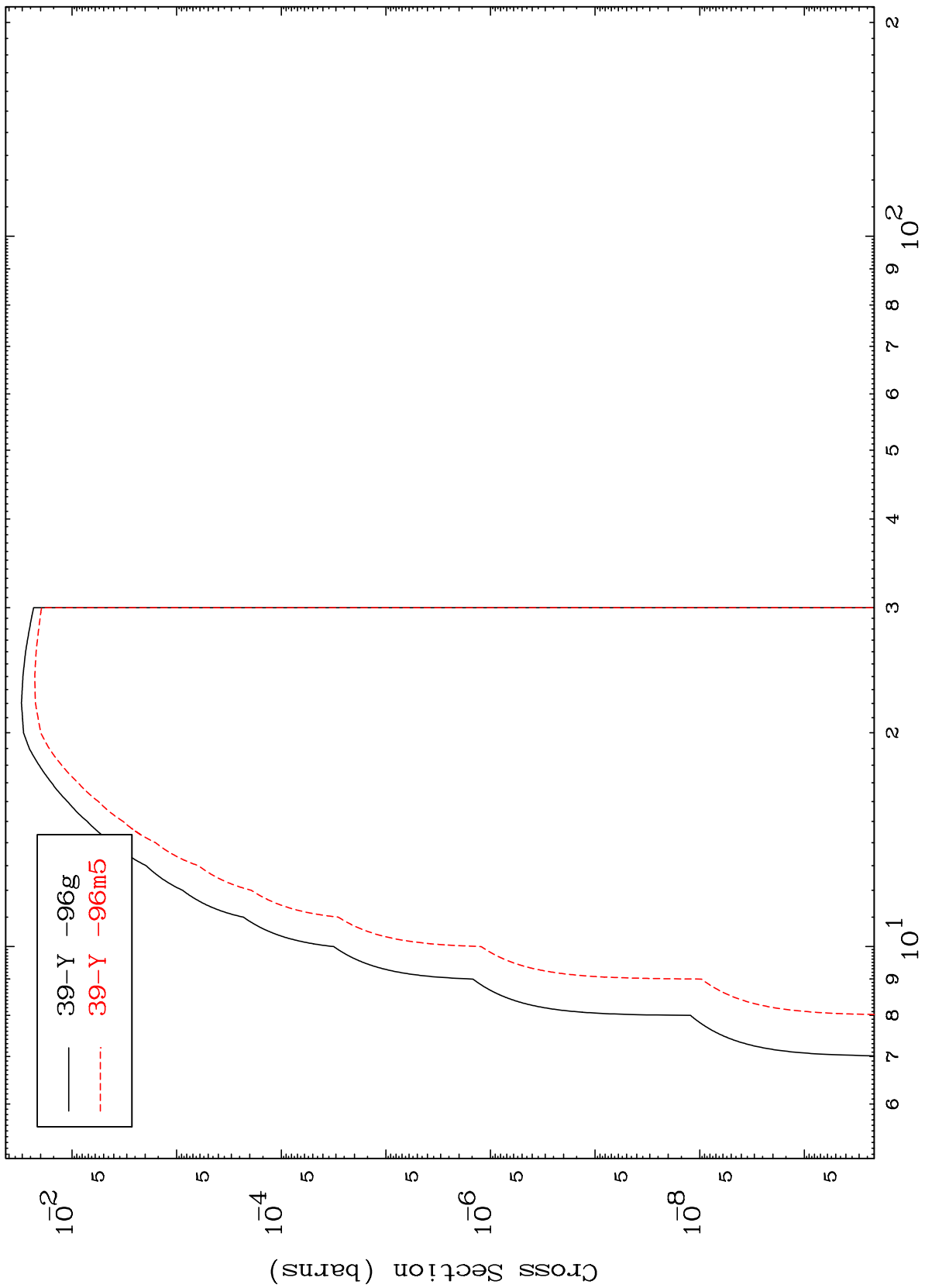


MAT 3950

(n,n') d

39-Y -97m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

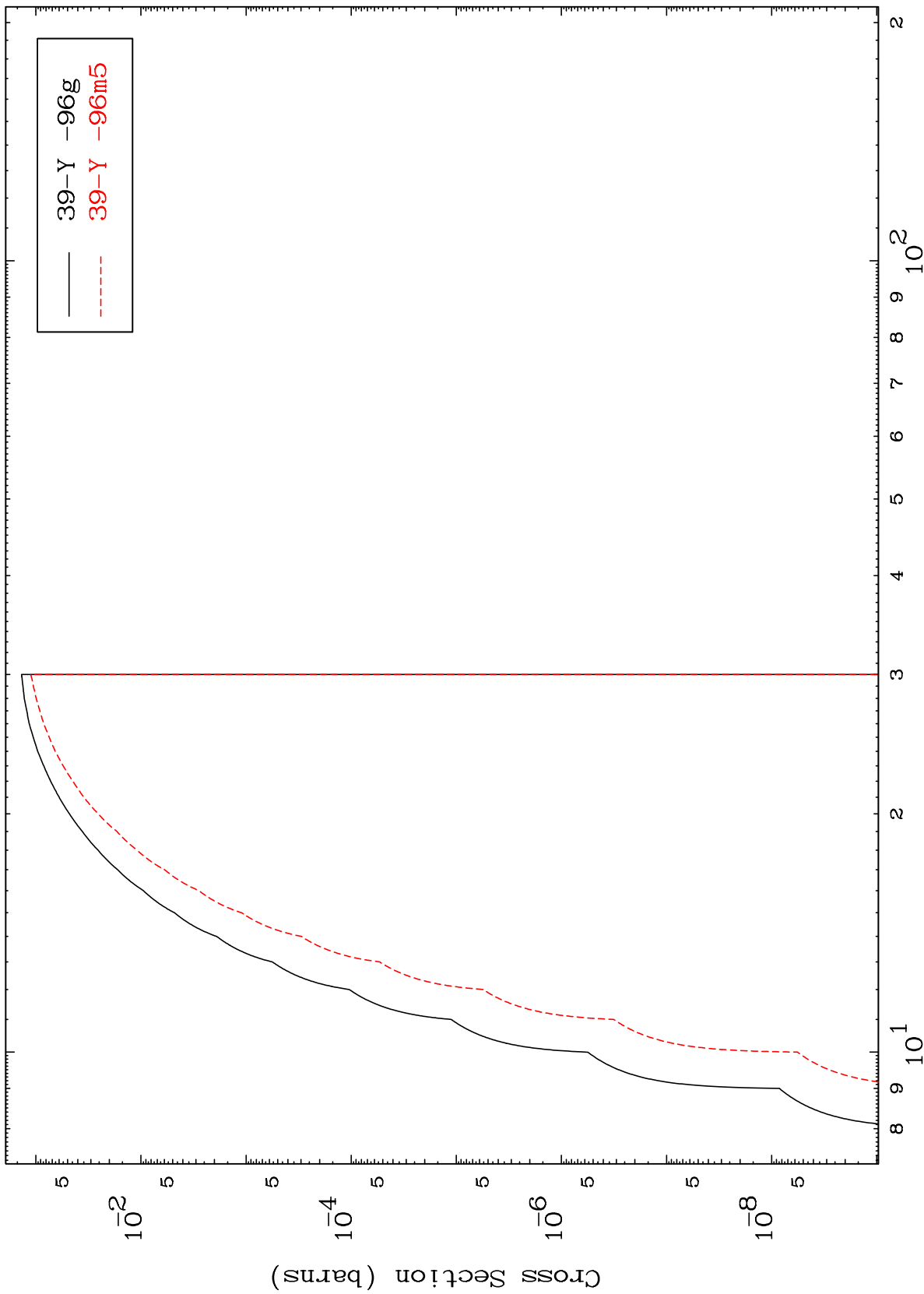
39-Y -97m

MAT 3950

(n,2n) p

39-Y -97m

Radionuclide Production Cross Section



15

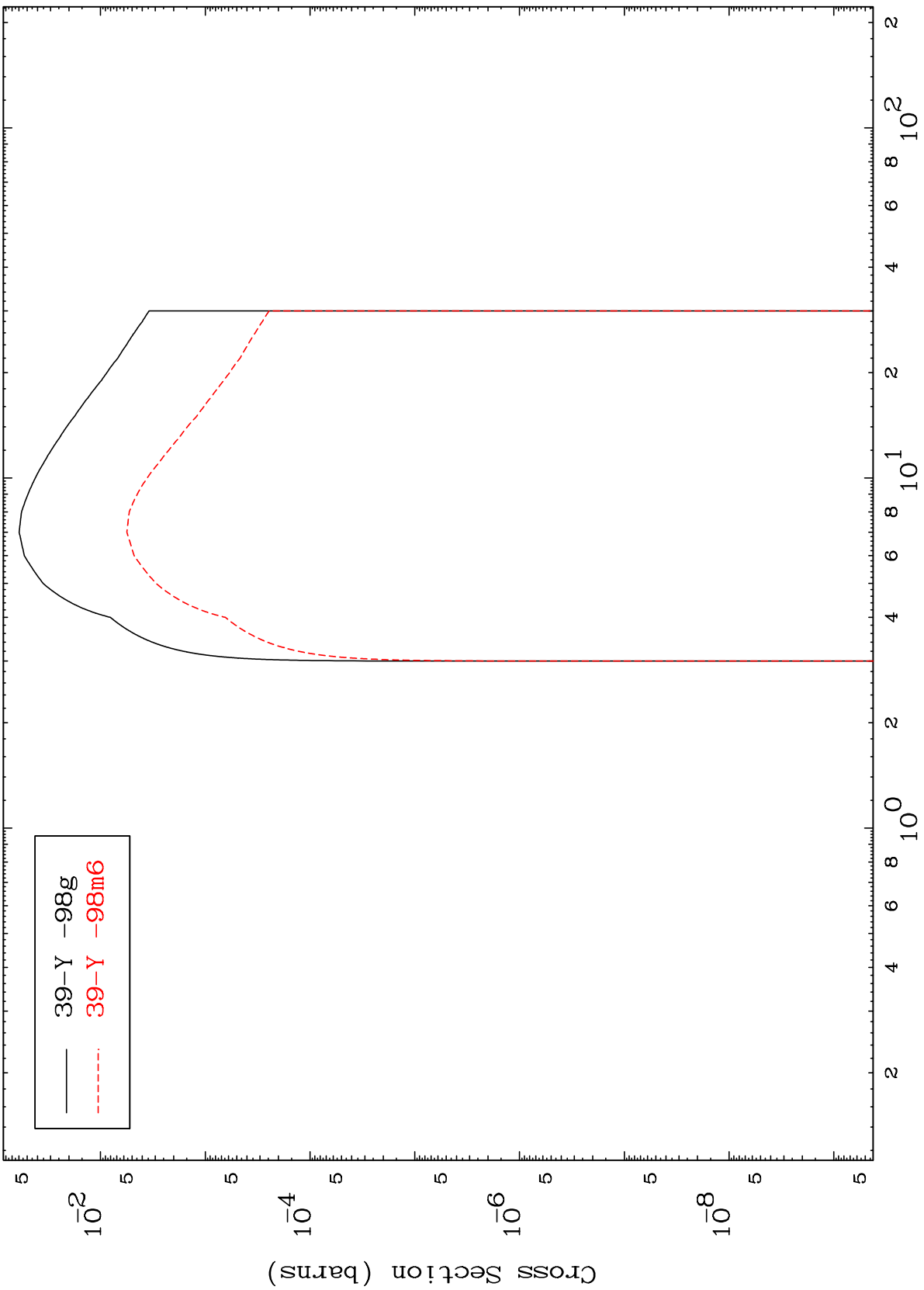
Incident Energy (MeV)

39-Y -97m

MAT 3950

39-Y -97m

(n,p)  
Radionuclide Production Cross Section



— 39-Y -98g  
- - - 39-Y -98m6

39-Y -97m

Incident Energy (MeV)

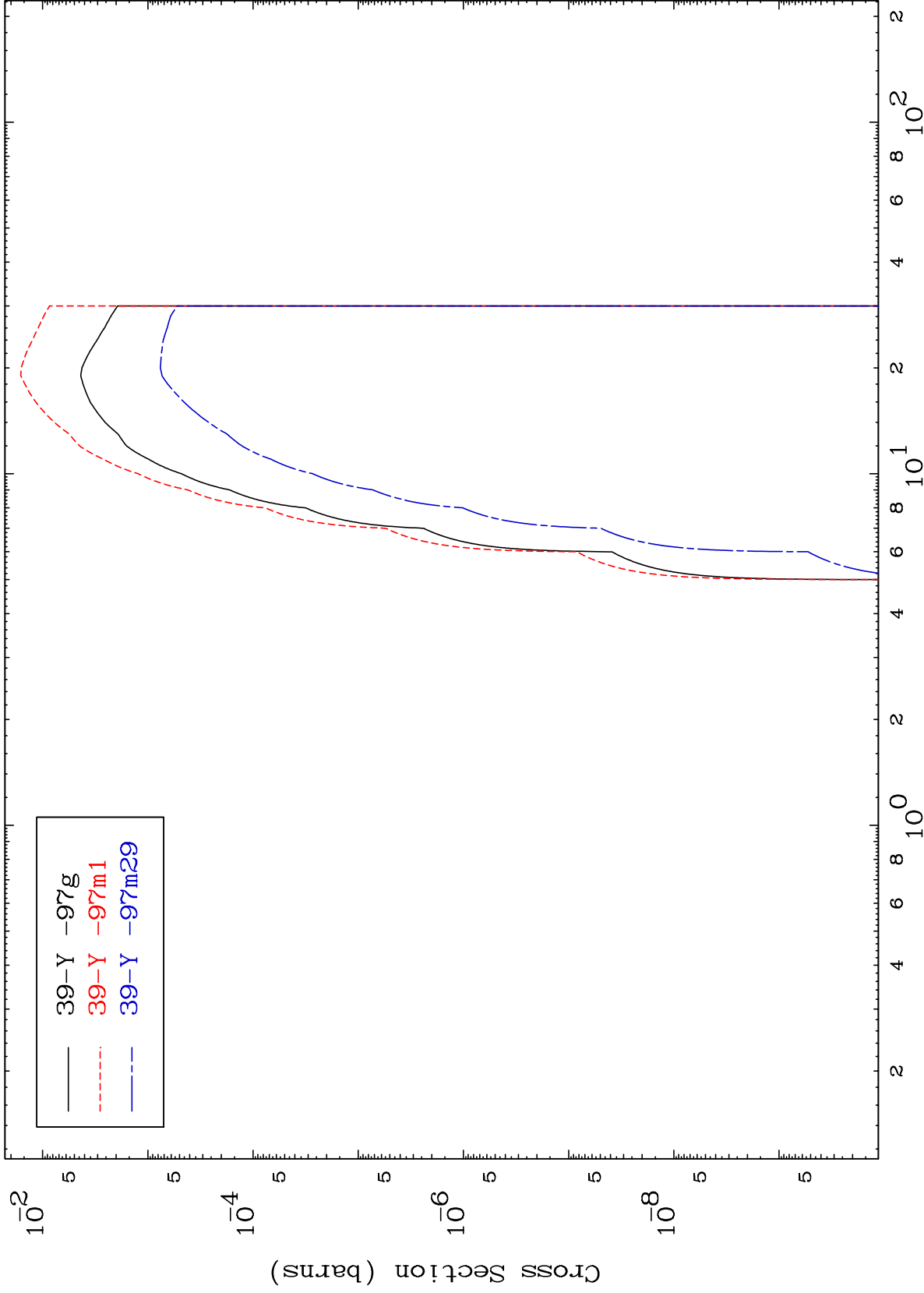
16

MAT 3950

(n,d)

39-Y -97m

Radionuclide Production Cross Section



17

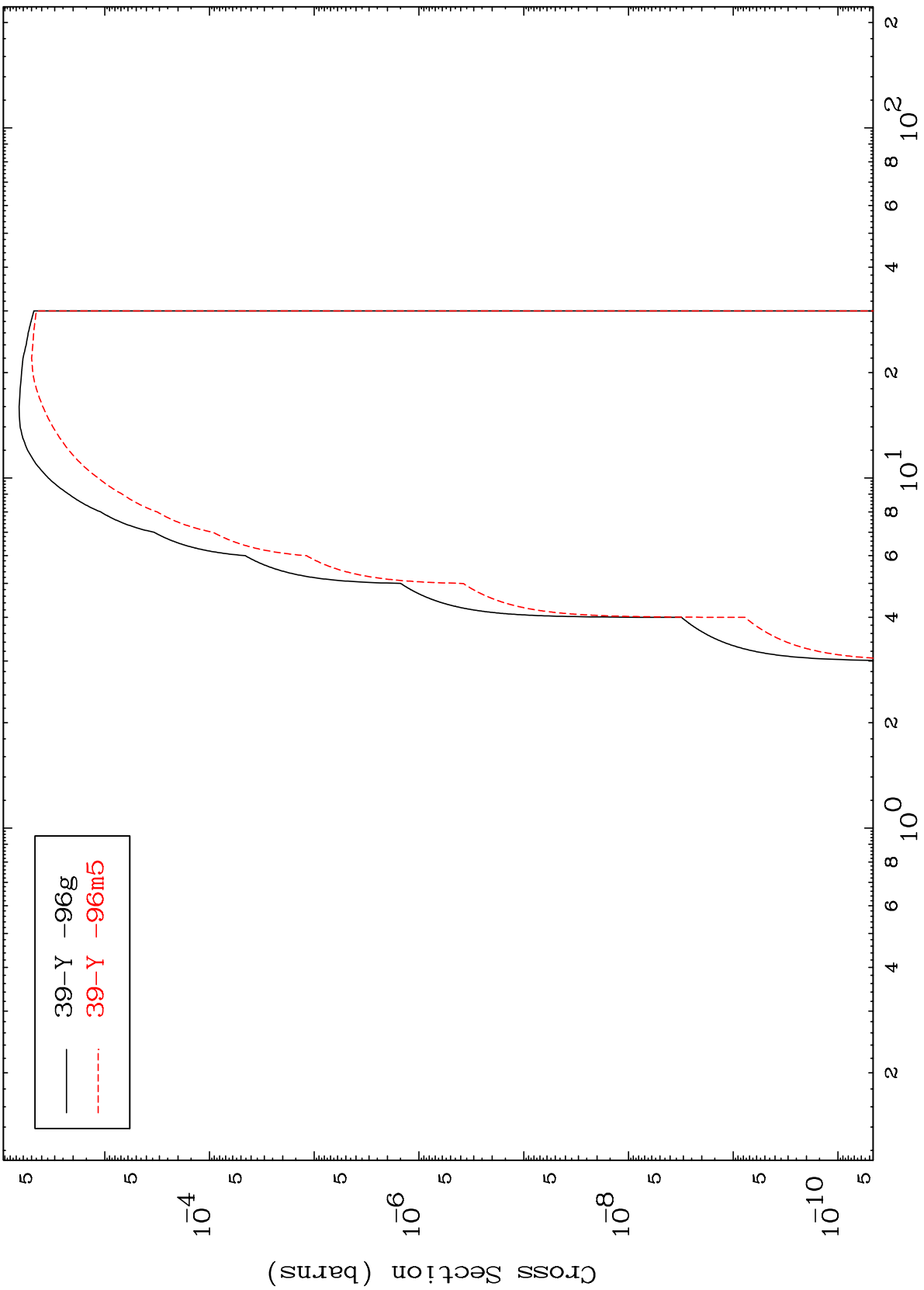
Incident Energy (MeV)

39-Y -97m

MAT 3950

39-Y -97m

(n, t)  
Radionuclide Production Cross Section



39-Y -97m

Incident Energy (MeV)

18