

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

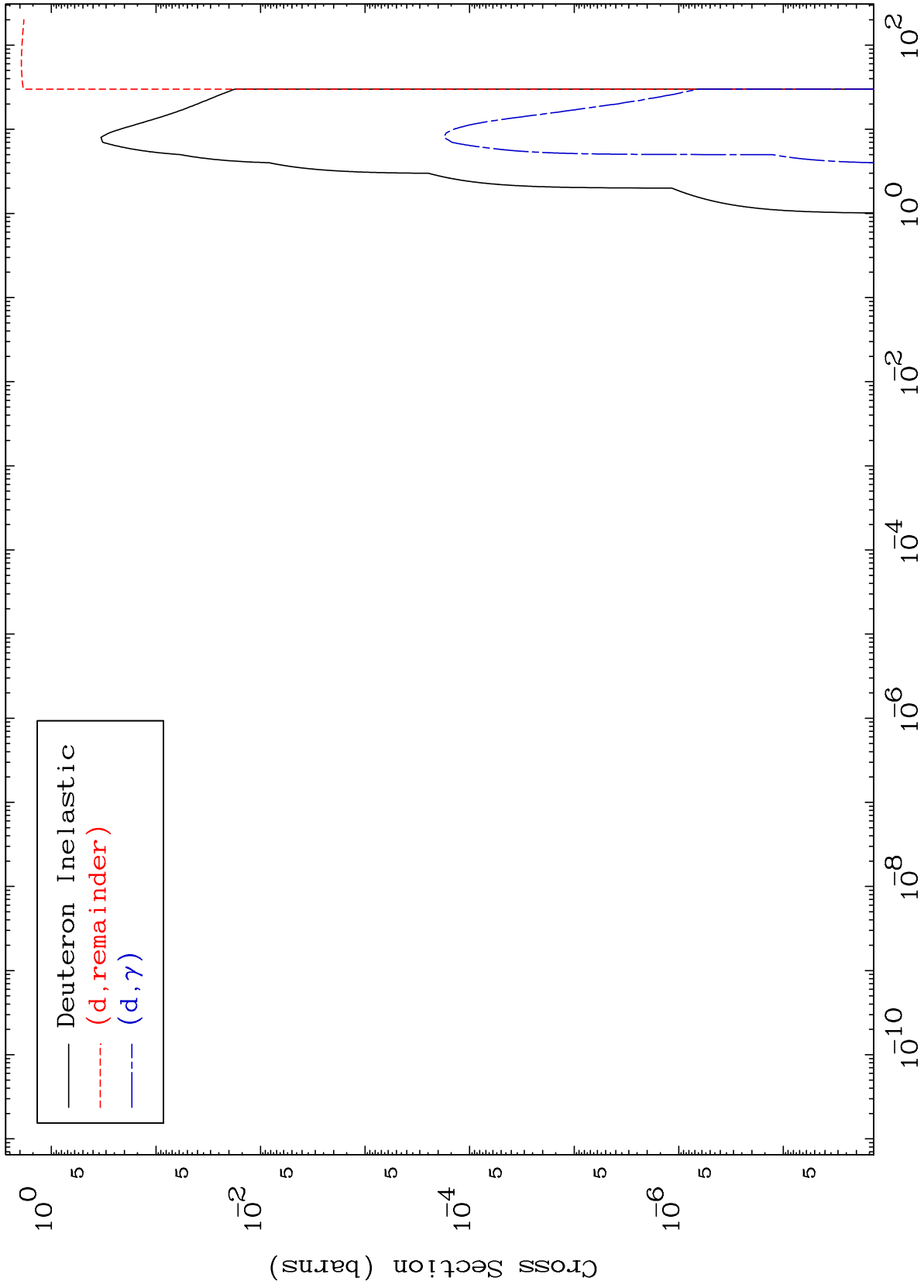
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3919

Deuteron Major  
0 Kelvin Cross Sections

39-Y -87



1

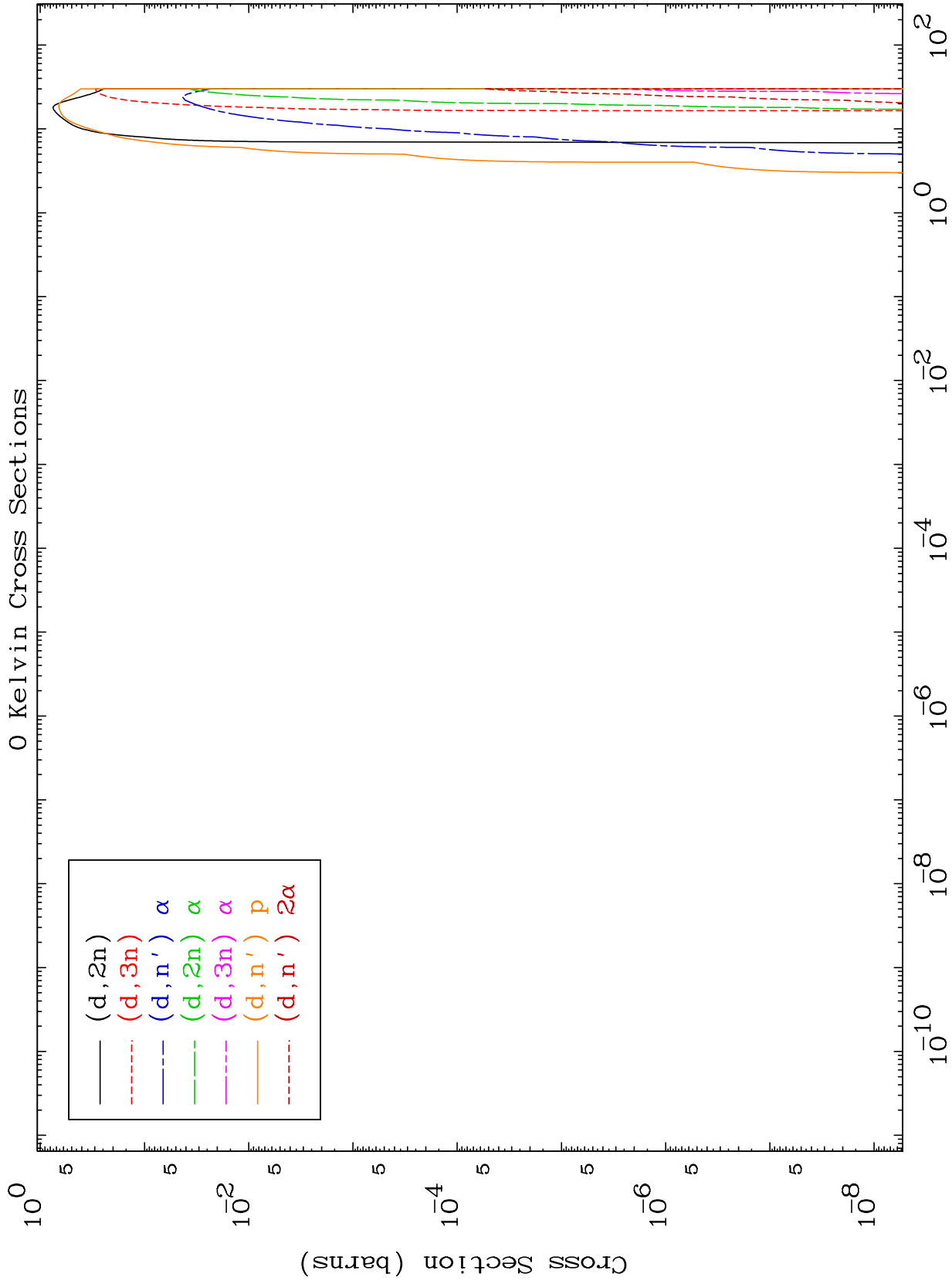
Incident Energy (MeV)

39-Y -87

MAT 3919

Deuteron Neutron Production  
0 Kelvin Cross Sections

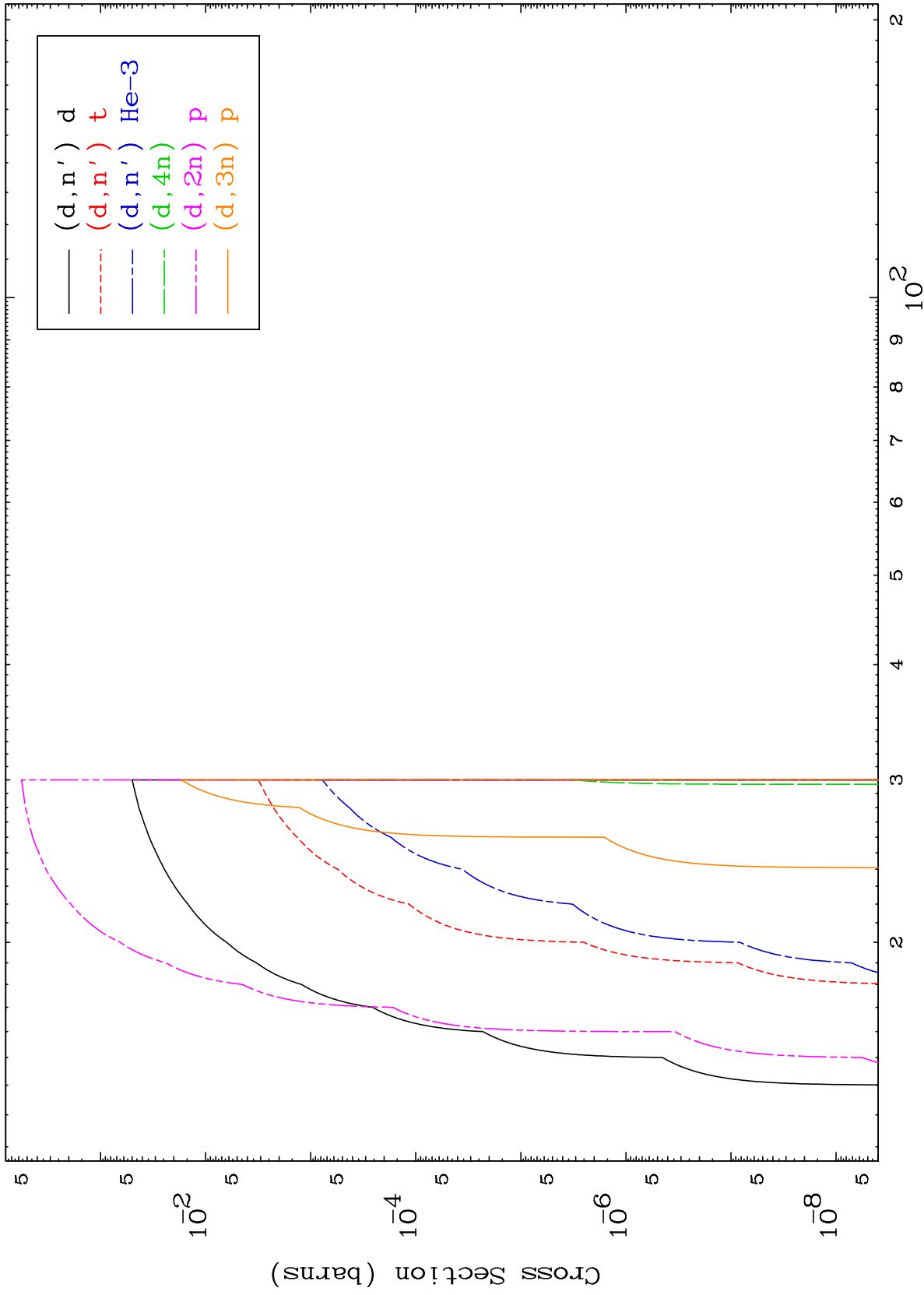
39-Y -87



2

Incident Energy (MeV)

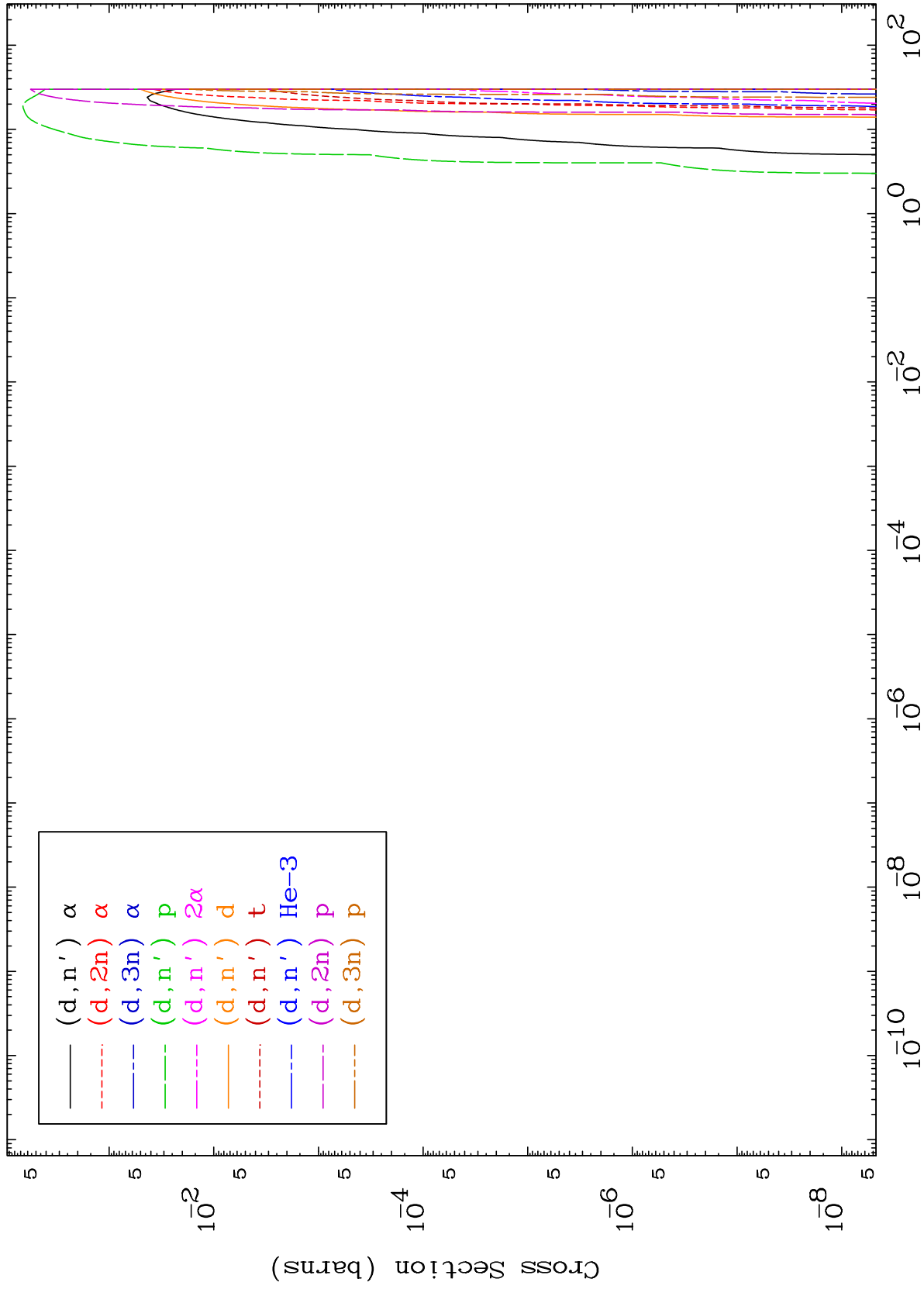
39-Y -87

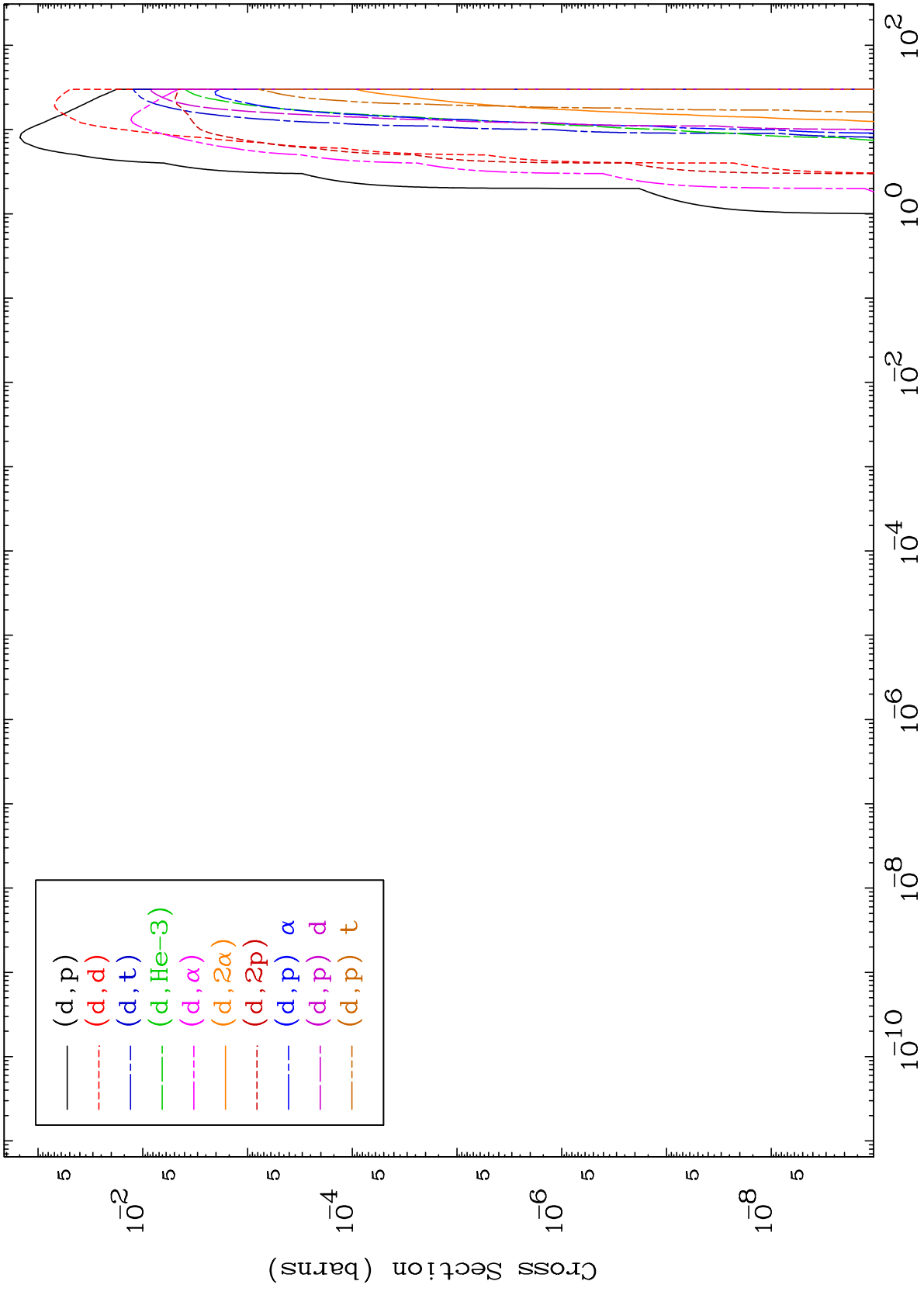


MAT 3919

Deuteron Charged Particle  
0 Kelvin Cross Sections

39-Y -87

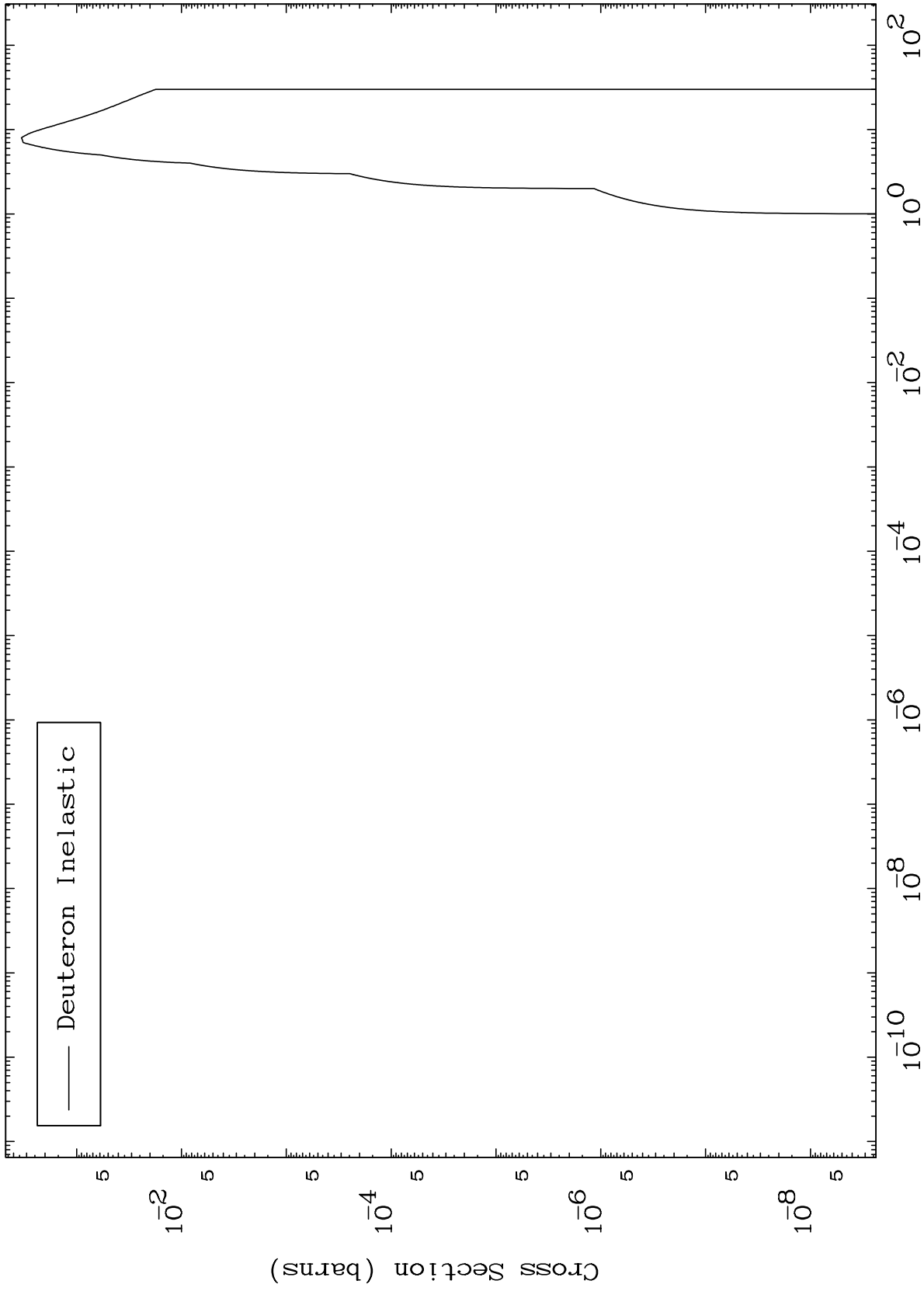




MAT 3919

(d,n') Level  
0 Kelvin Cross Sections

39-Y -87



6

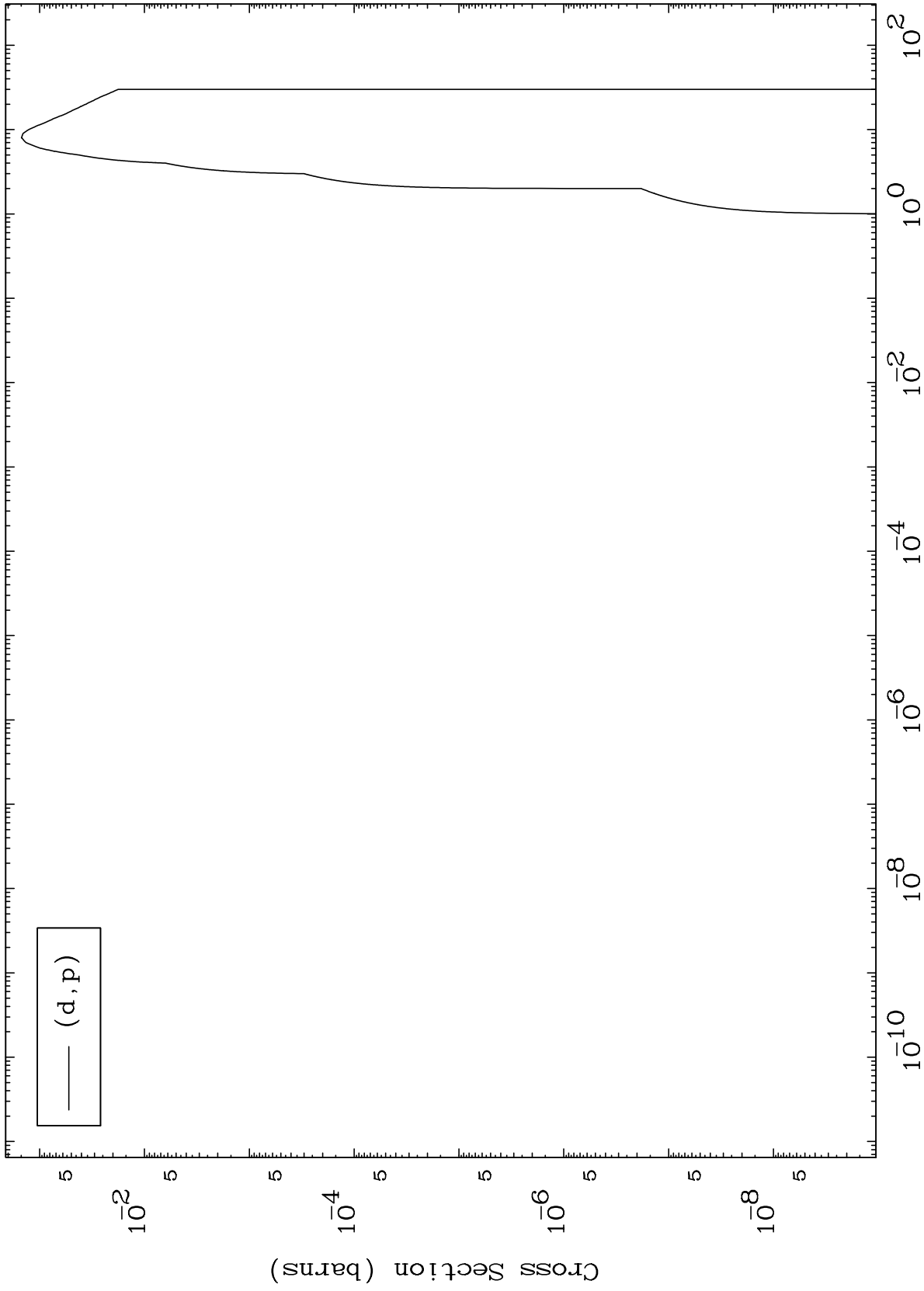
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,p) Levels  
0 Kelvin Cross Sections

39-Y -87



7

Incident Energy (MeV)

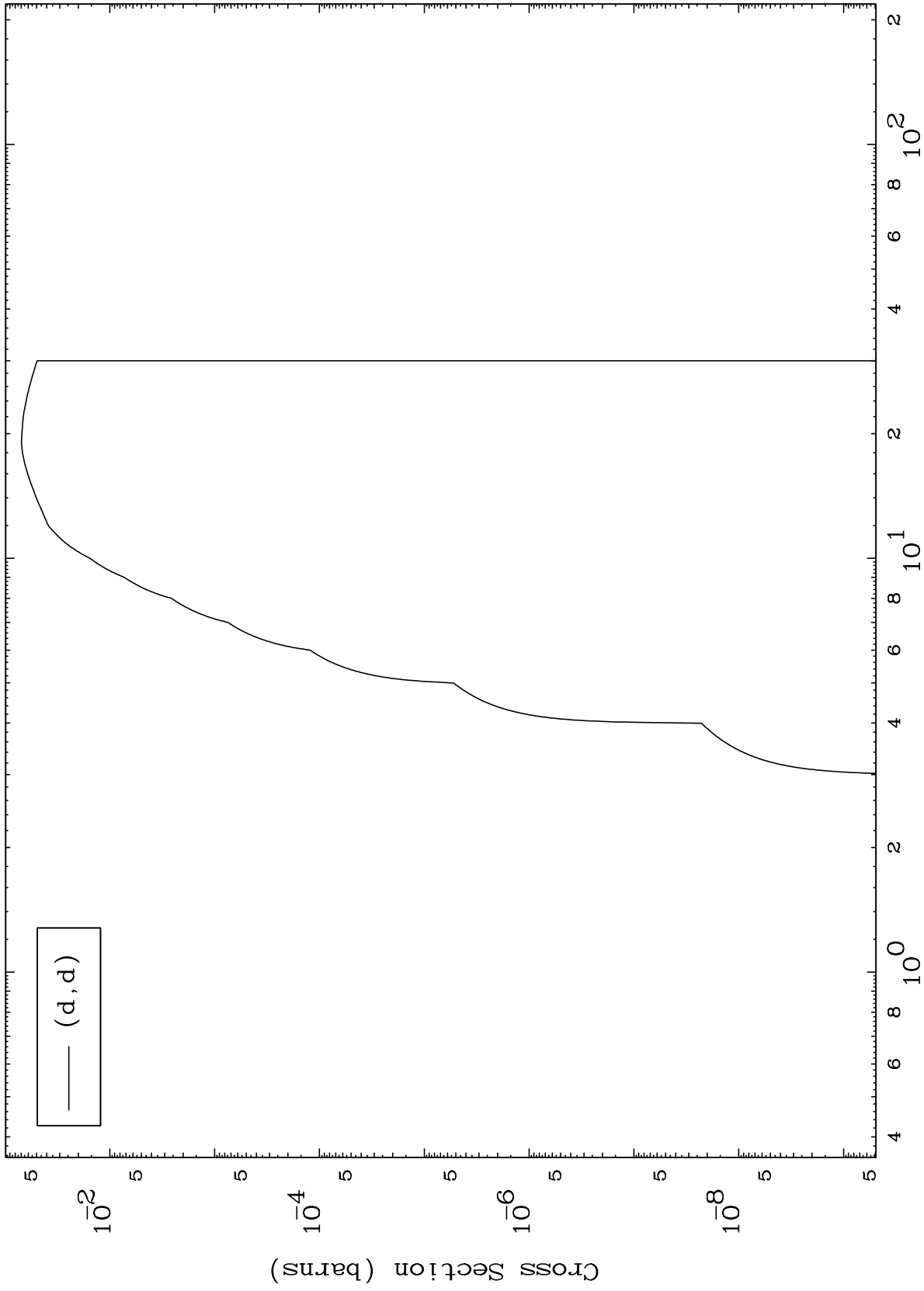
39-Y -87



MAT 3919

(d,d) Levels  
0 Kelvin Cross Sections

39-Y -87



8

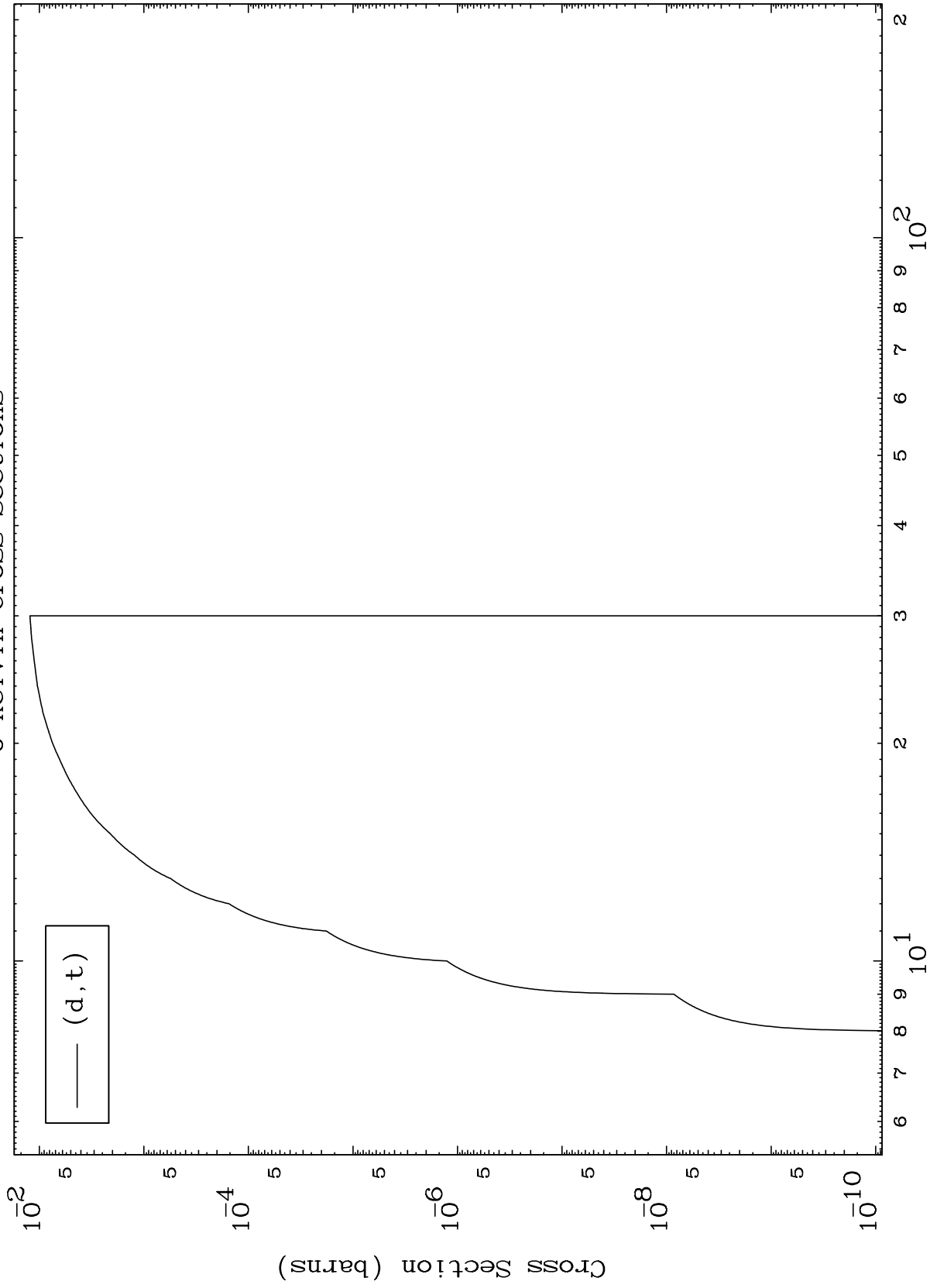
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,t) Levels  
0 Kelvin Cross Sections

39-Y -87



9

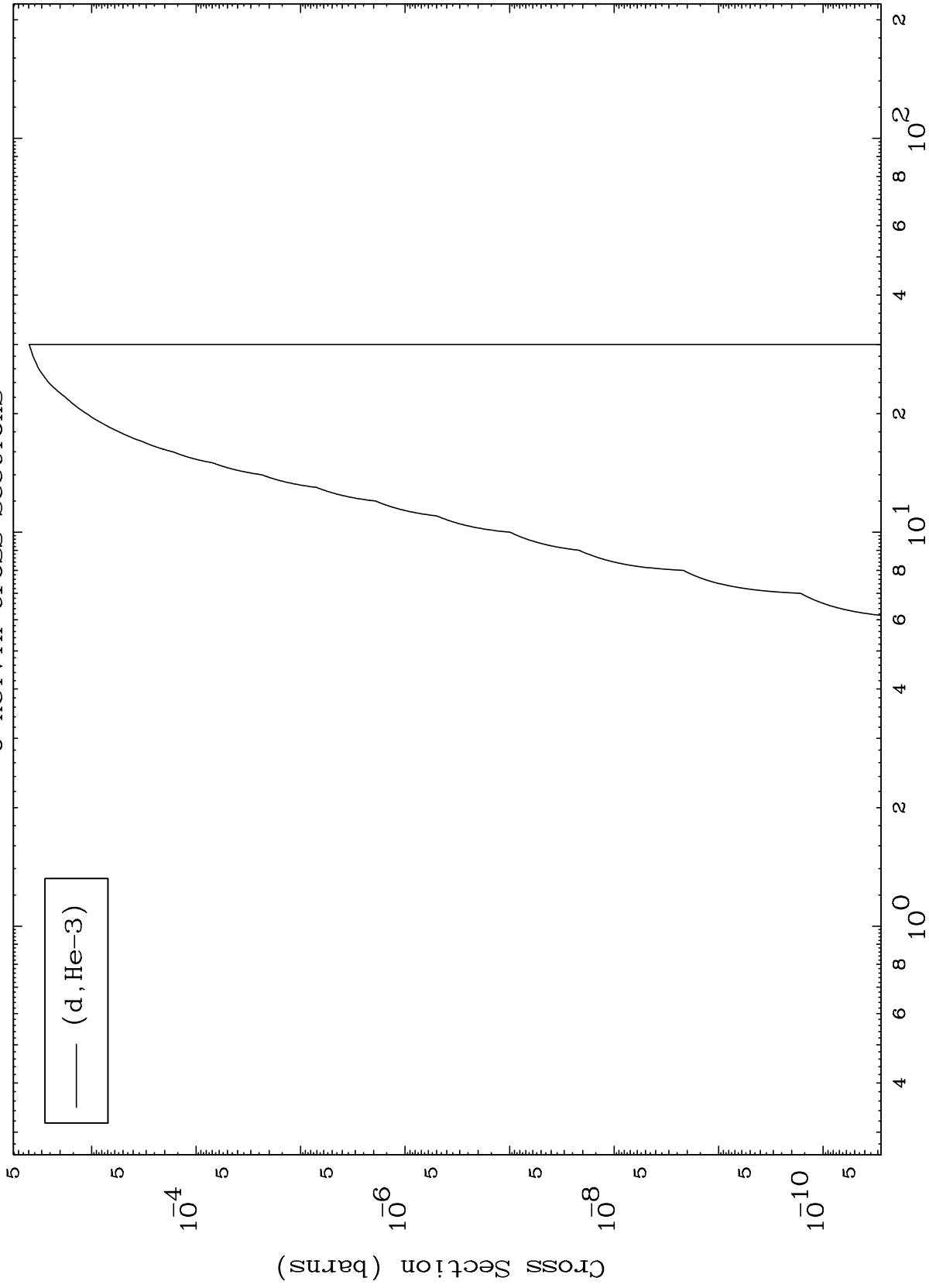
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,He3) Levels  
0 Kelvin Cross Sections

39-Y -87



10

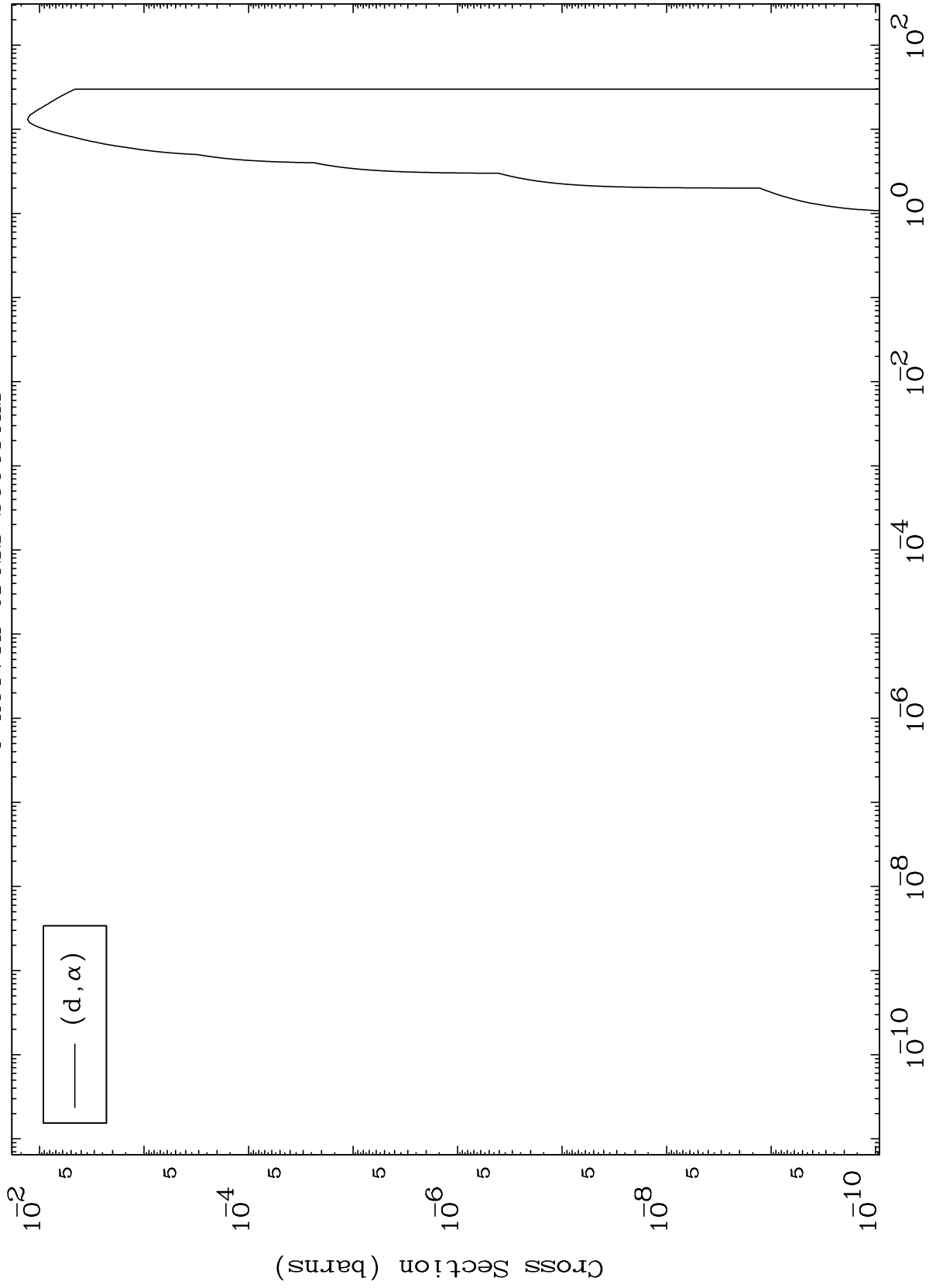
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



11

Incident Energy (MeV)

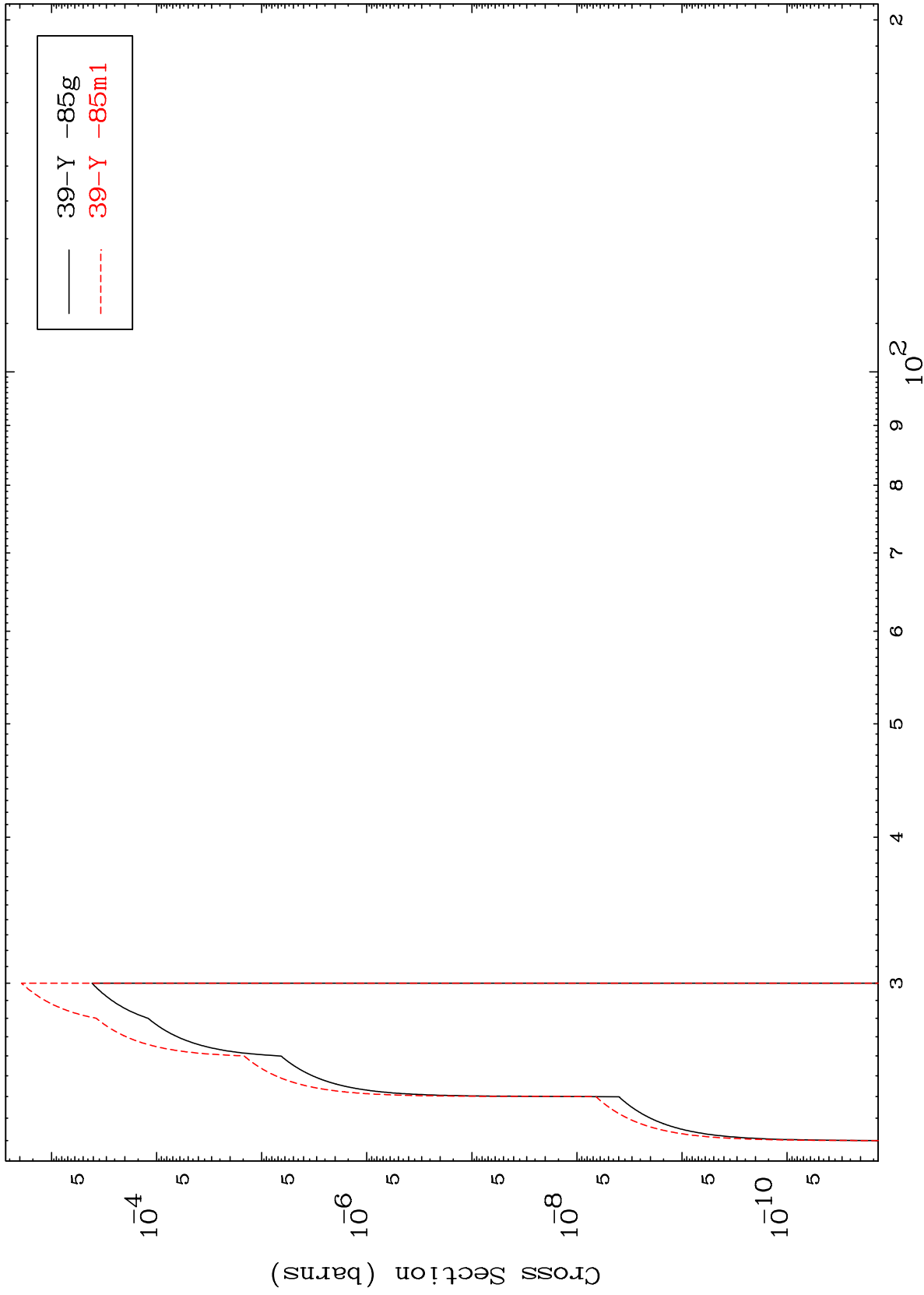
39-Y -87

MAT 3919

(d,2n) d

39-Y -87

Radionuclide Production Cross Section



12

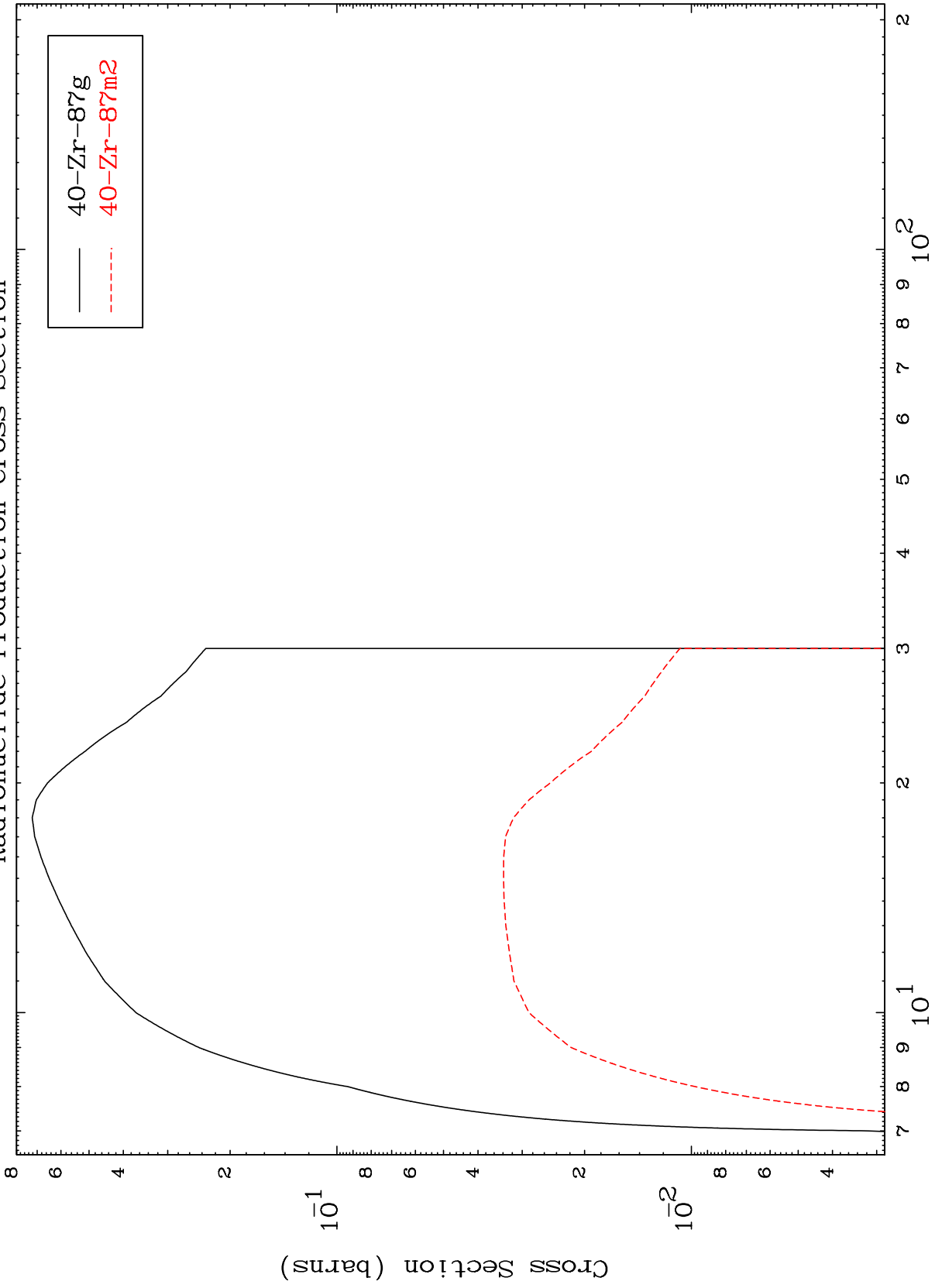
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

Radionuclide Production Cross Section  
(d,2n)



13

Incident Energy (MeV)

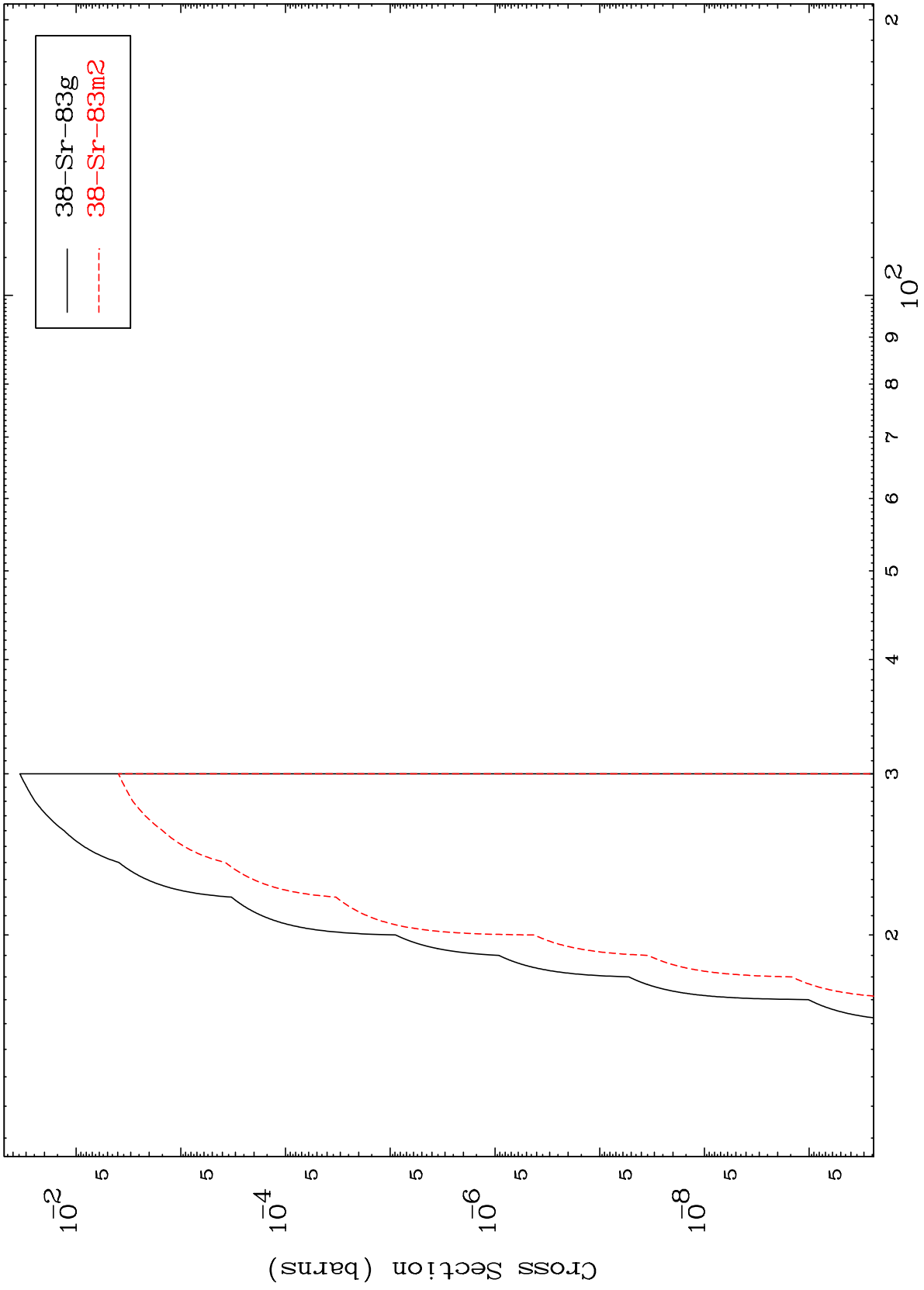
39-Y -87

MAT 3919

(d,2n)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



14

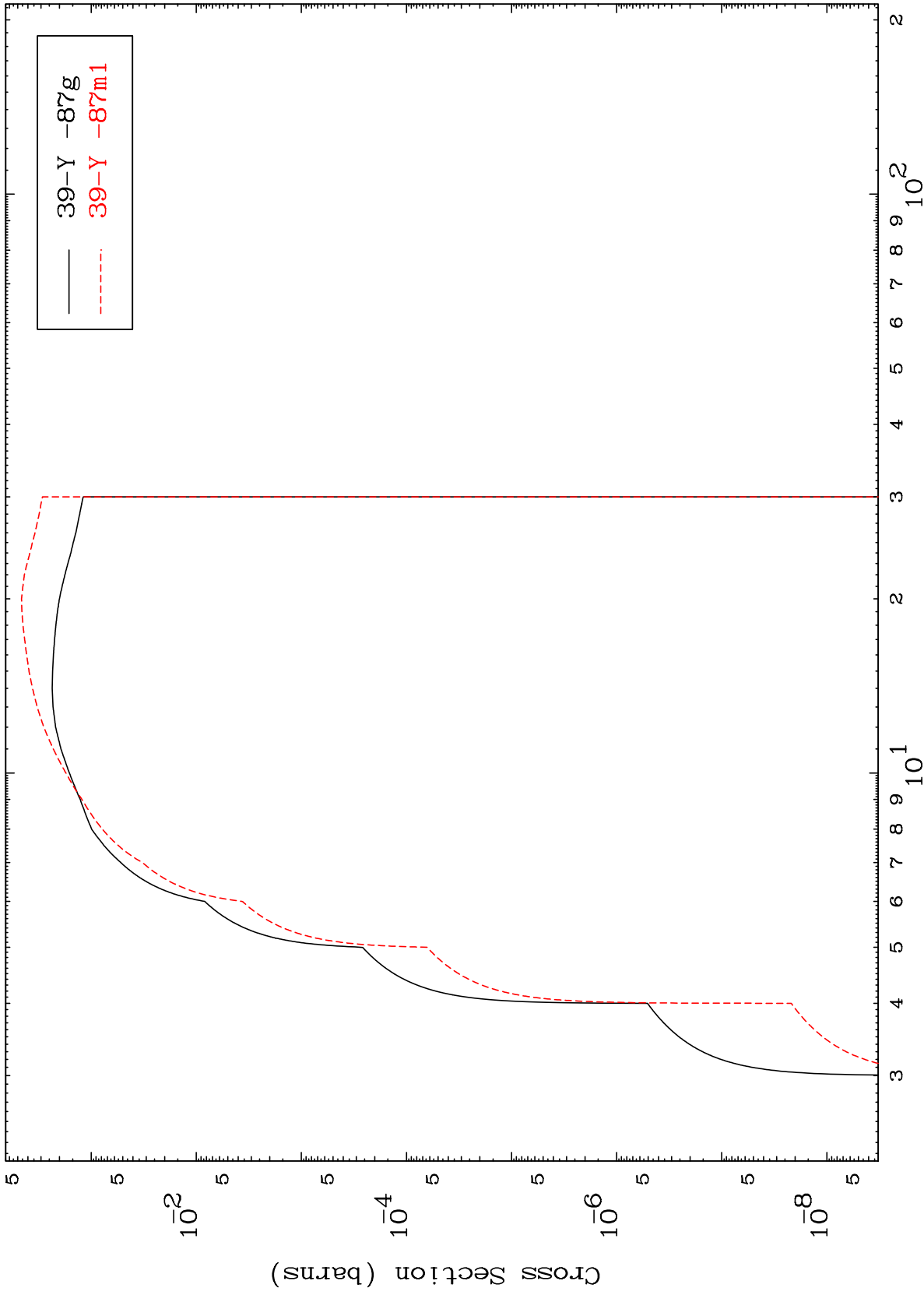
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(d,n') p  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

39-Y -87

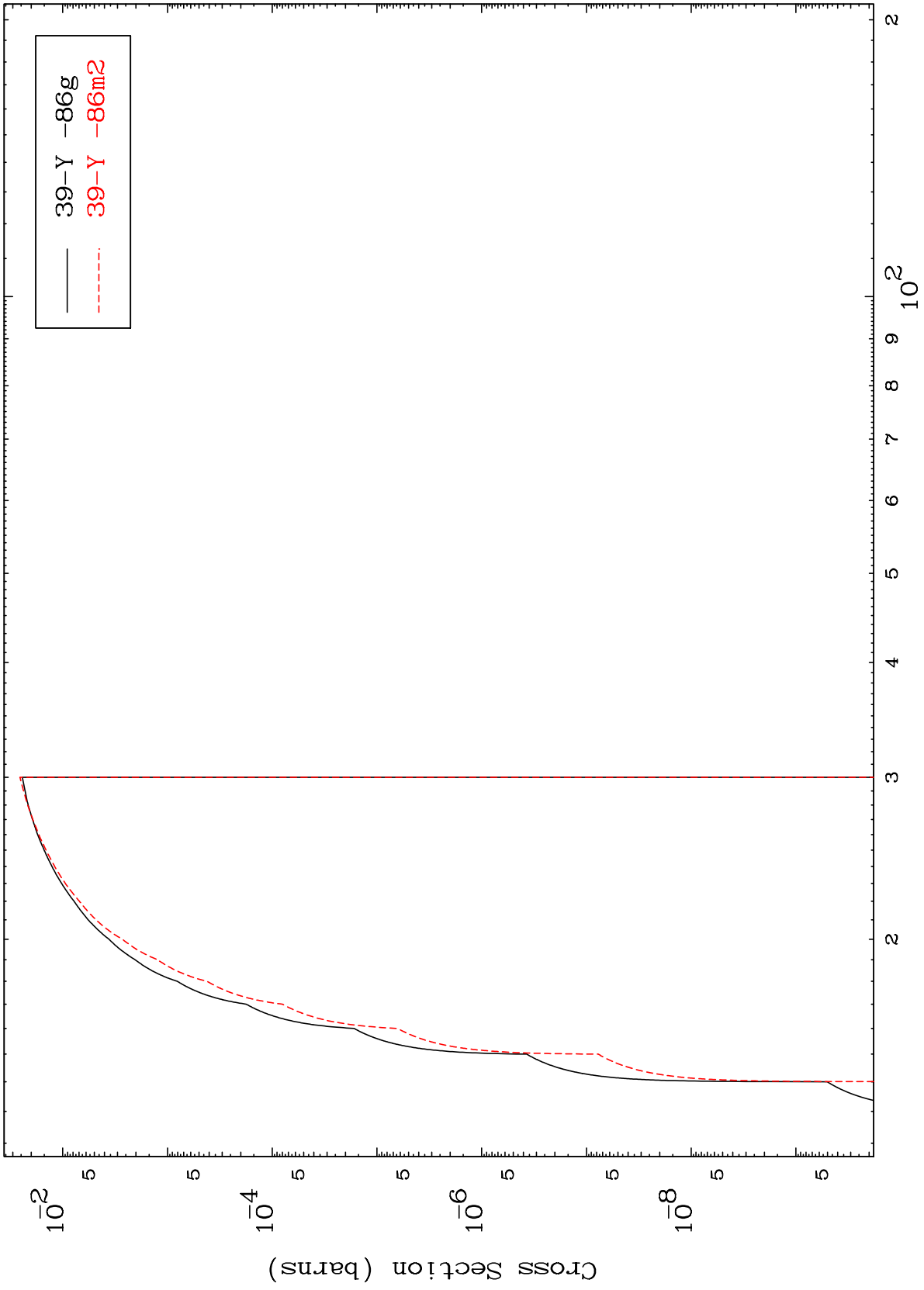


MAT 3919

(d,n') d

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

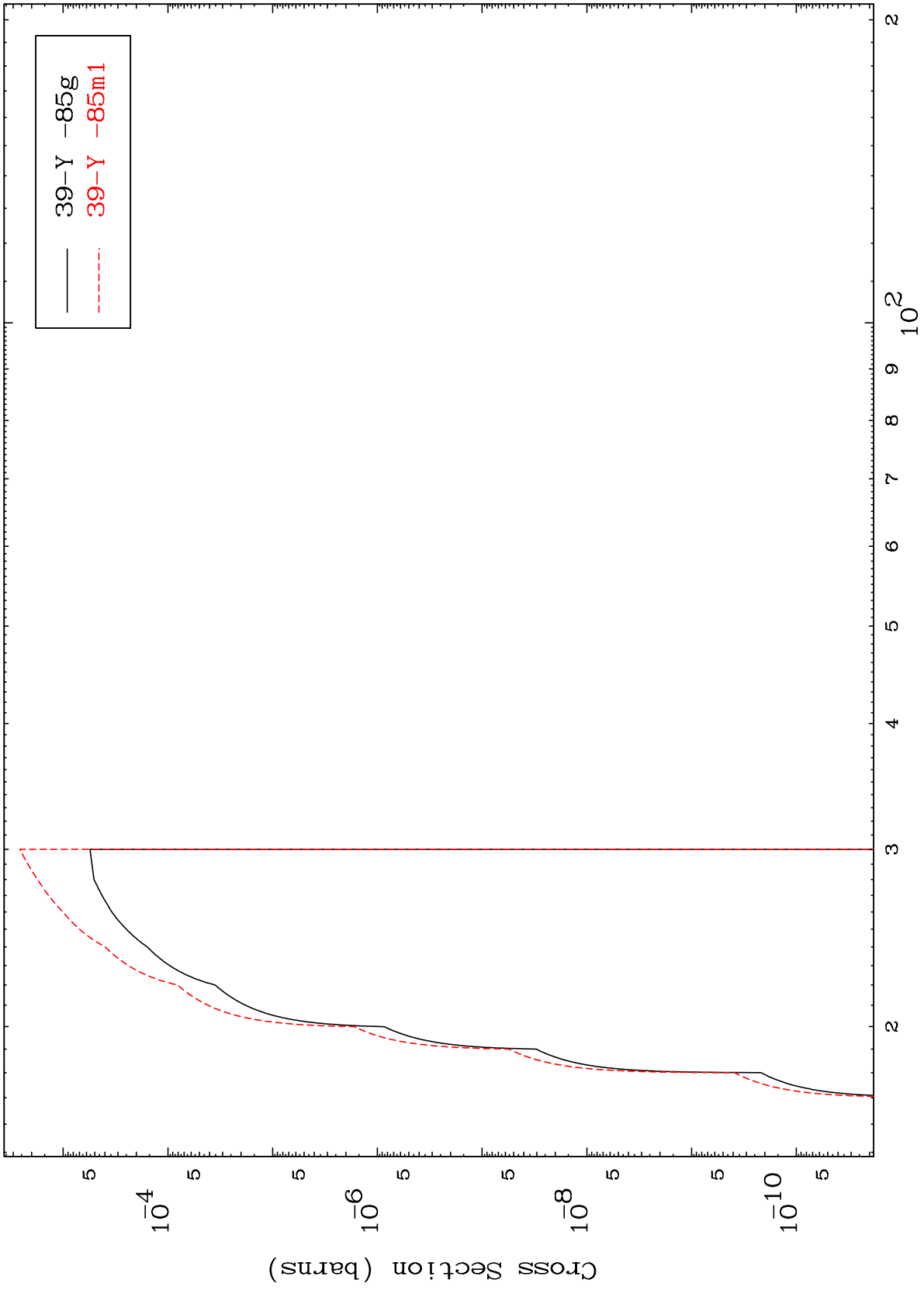
39-Y -87

MAT 3919

(d,n') t

39-Y -87

Radionuclide Production Cross Section



17

Incident Energy (MeV)

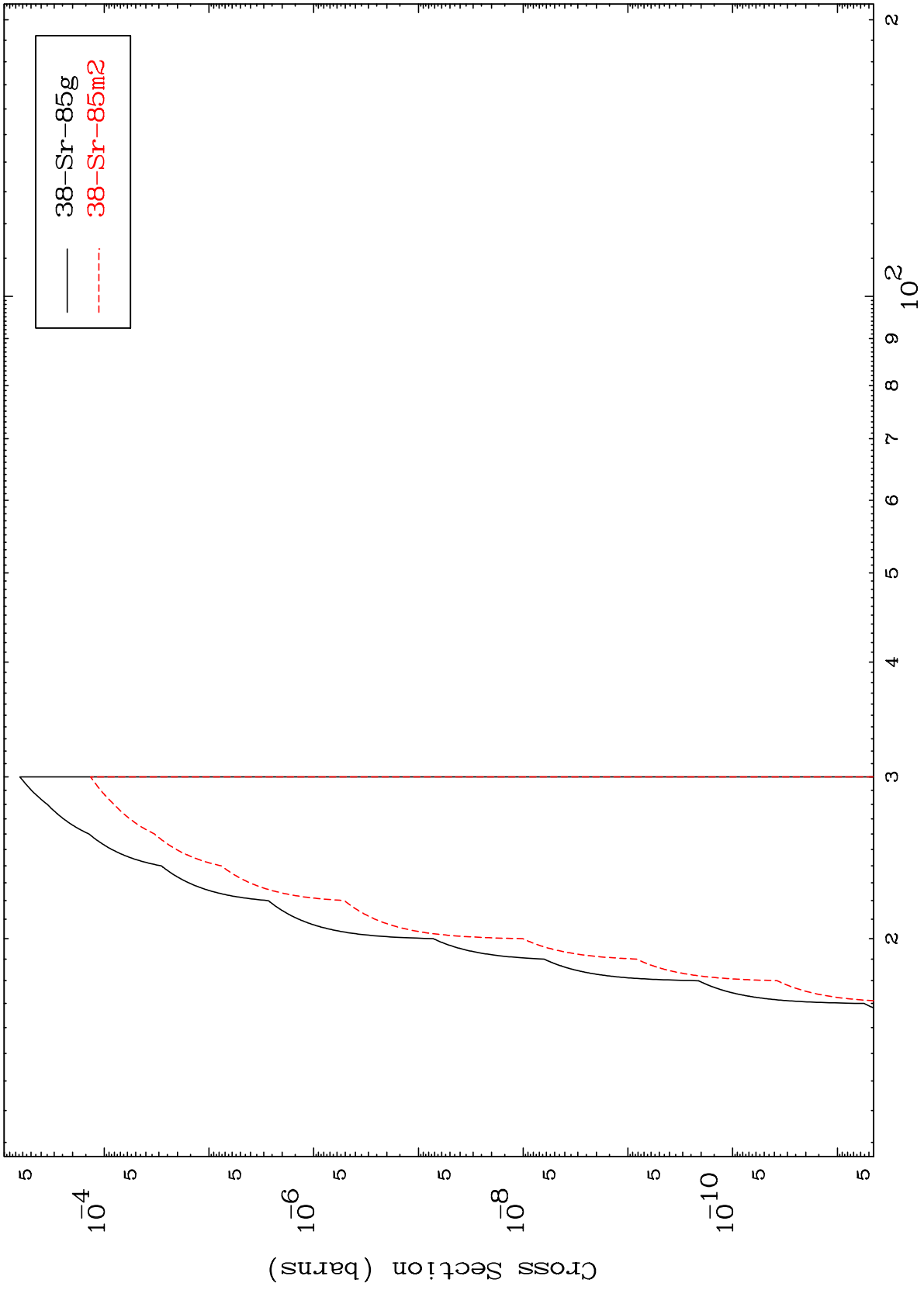
39-Y -87

MAT 3919

(d,n') He-3

39-Y -87

Radionuclide Production Cross Section



18

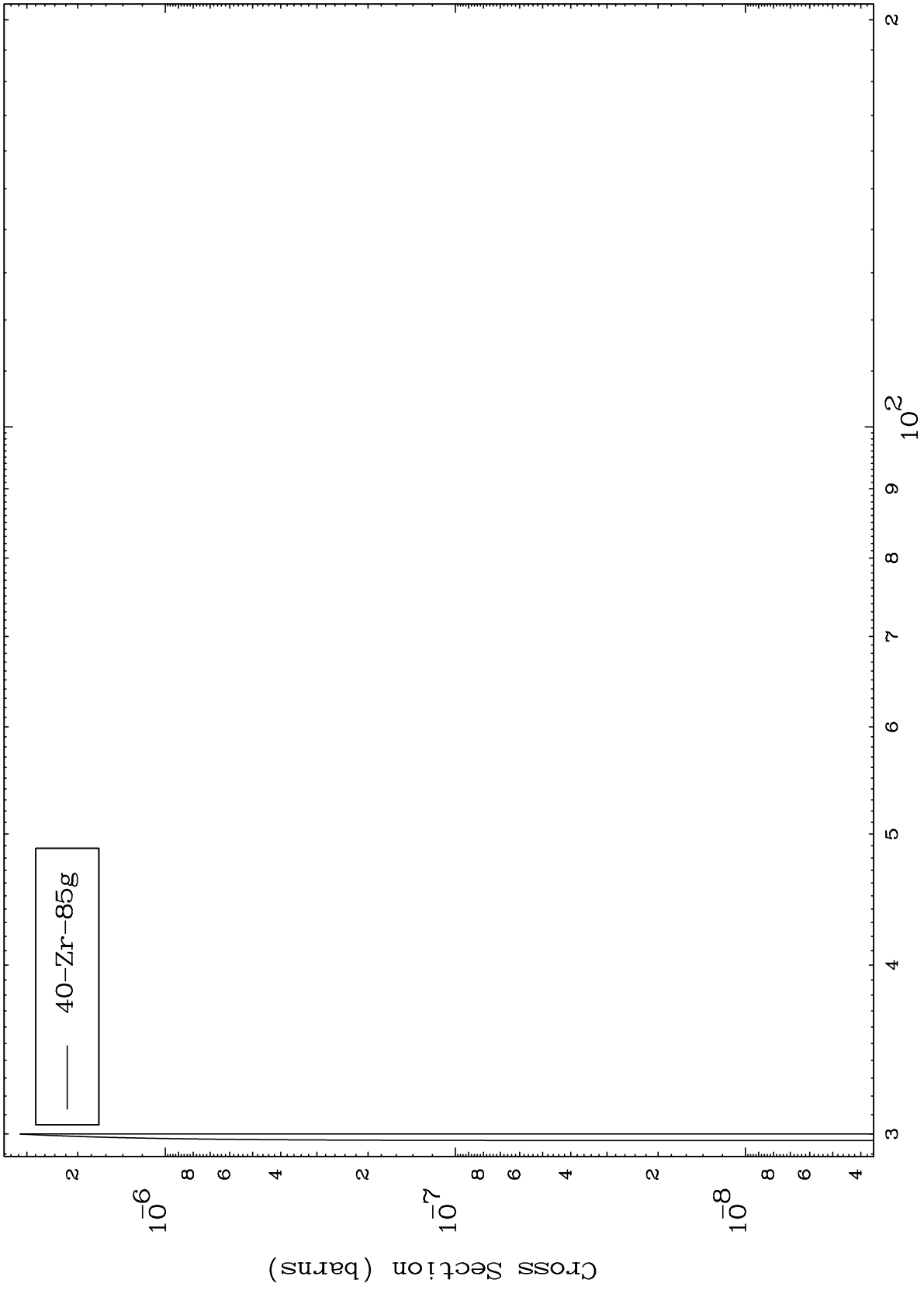
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(d,4n)  
Radionuclide Production Cross Section



19

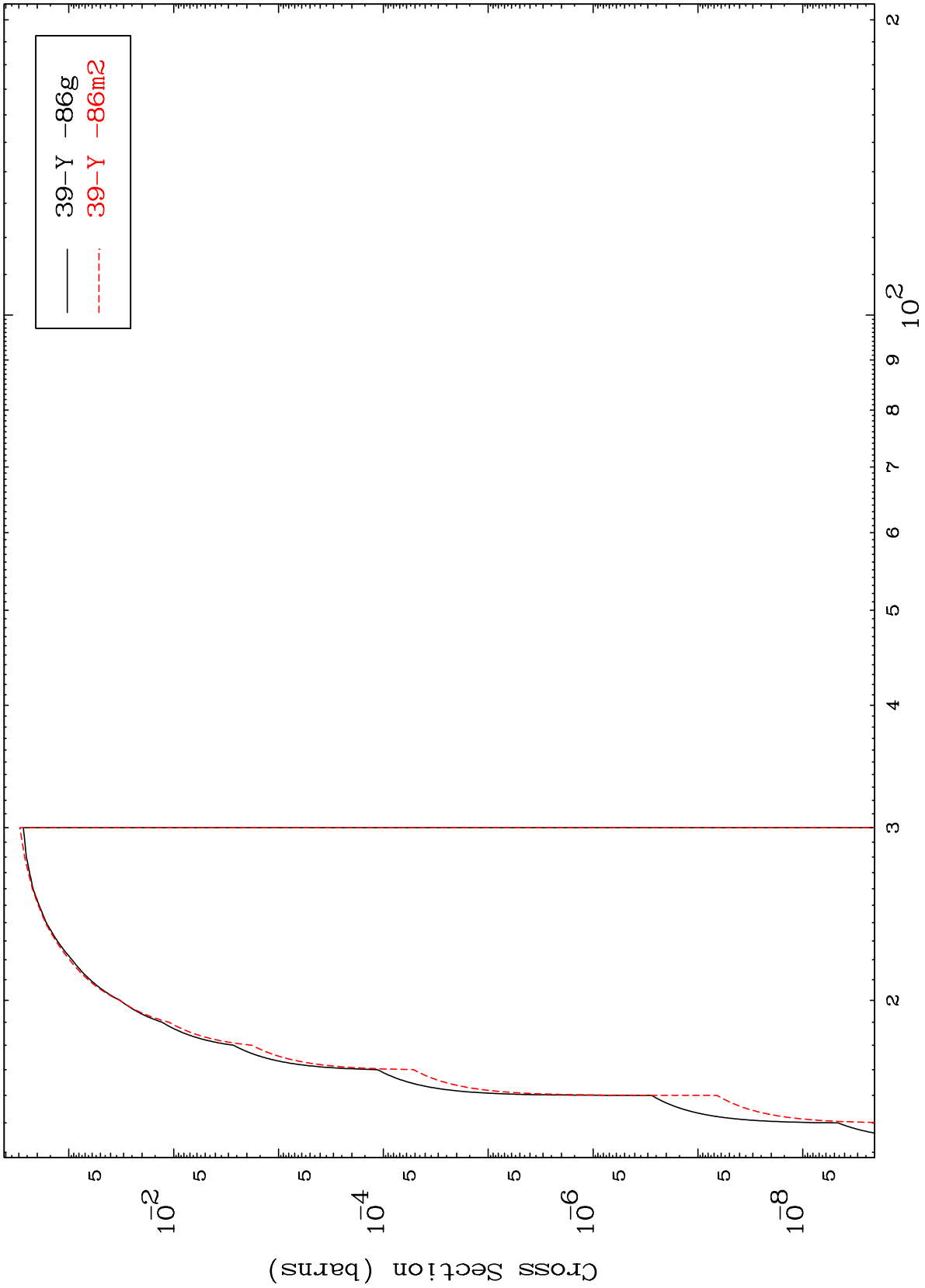
39-Y -87

MAT 3919

(d,2n) p

39-Y -87

Radionuclide Production Cross Section



20

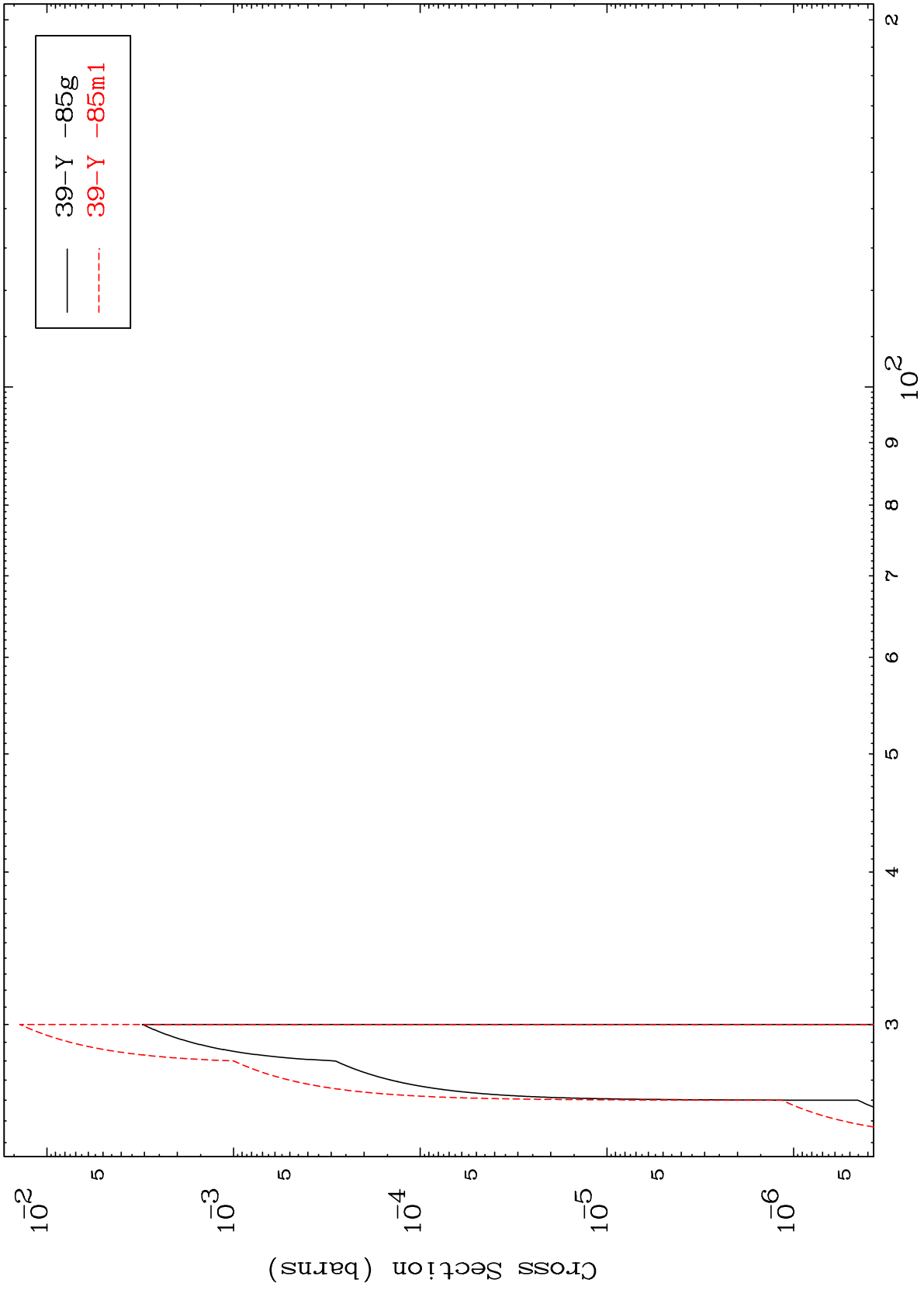
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

(d,3n) p  
Radionuclide Production Cross Section



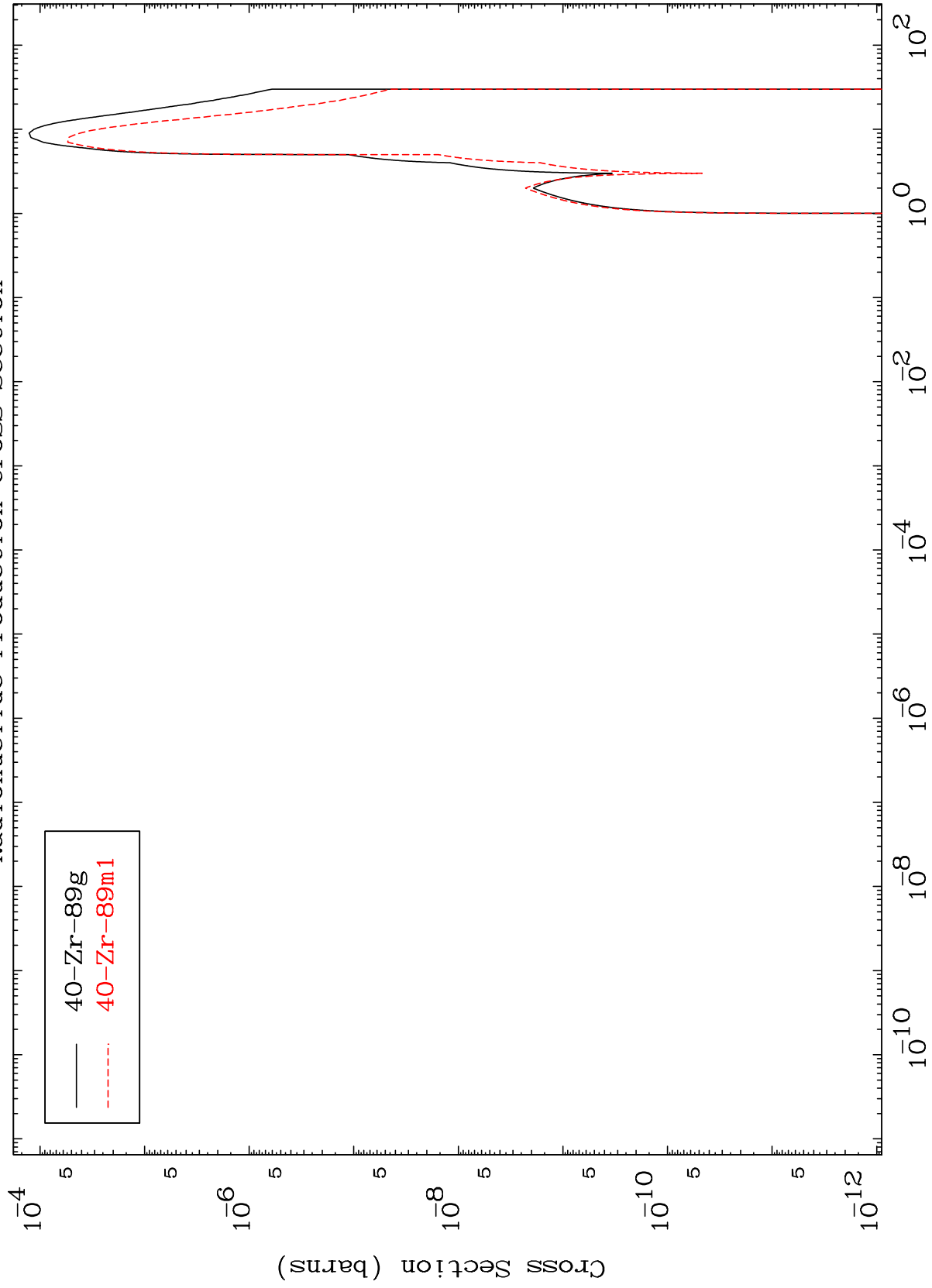
21

39-Y -87

MAT 3919

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

39-Y -87



22

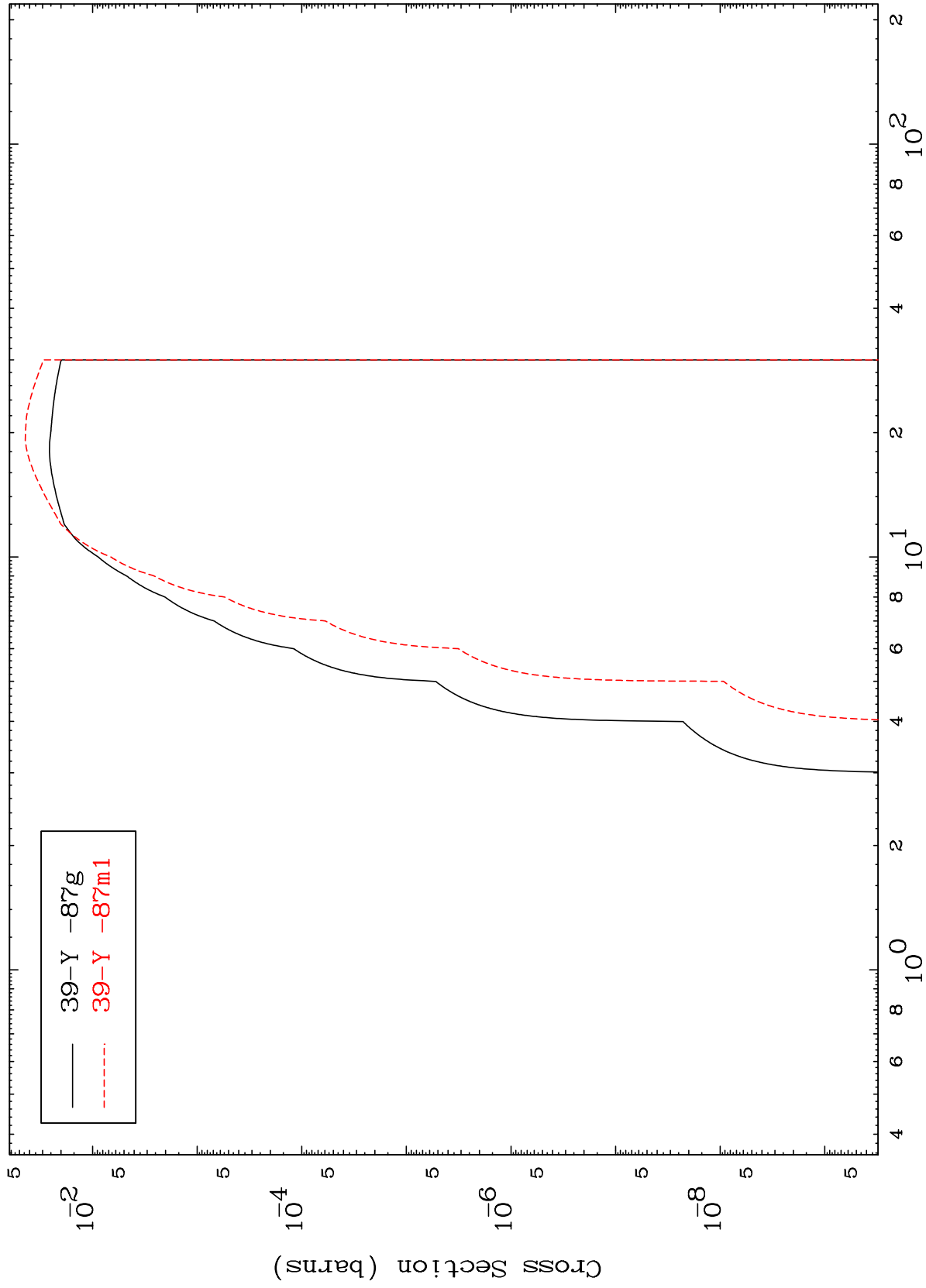
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,d)  
Radionuclide Production Cross Section

39-Y -87



23

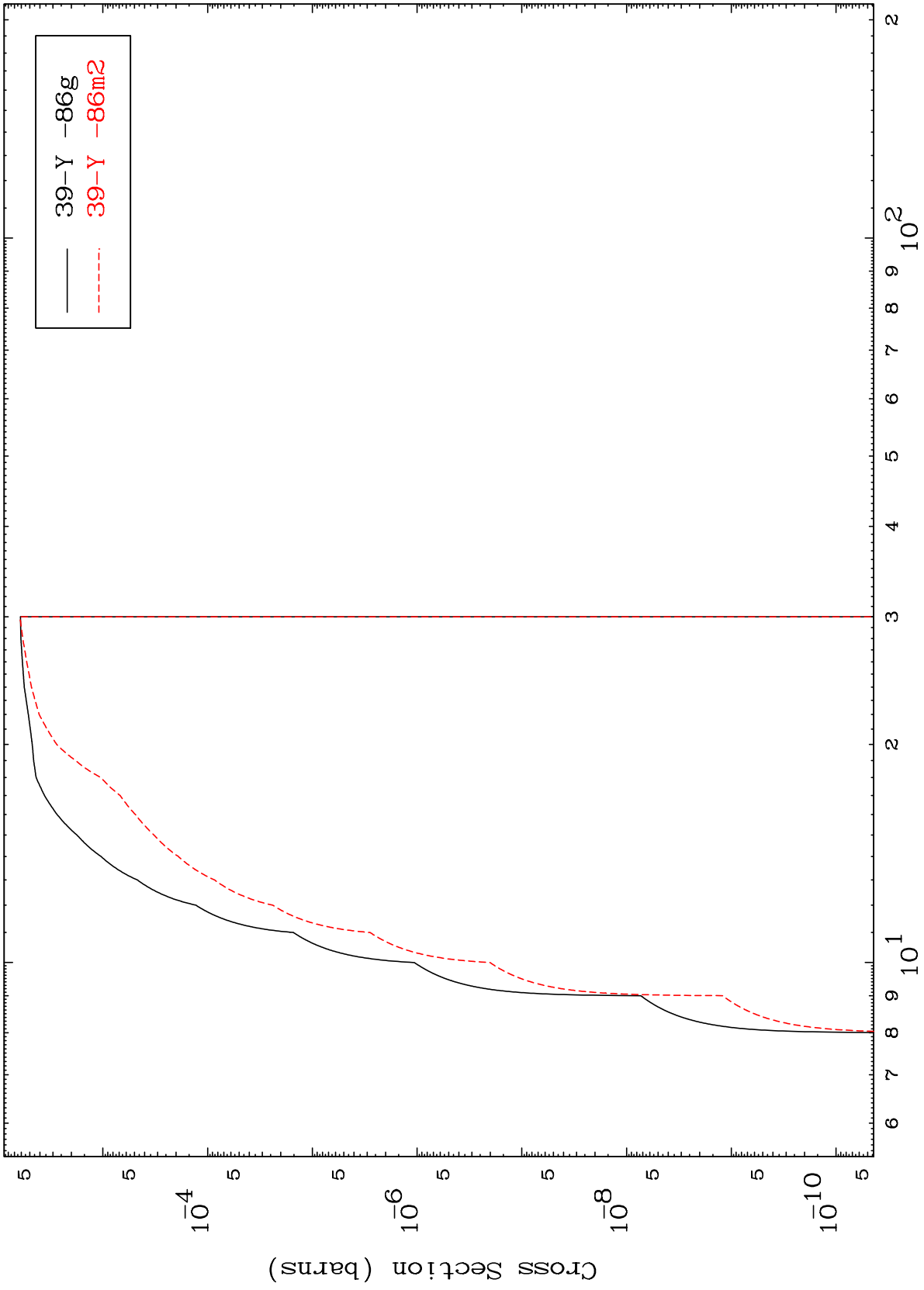
39-Y -87



MAT 3919

39-Y -87

(d,t)  
Radionuclide Production Cross Section



24

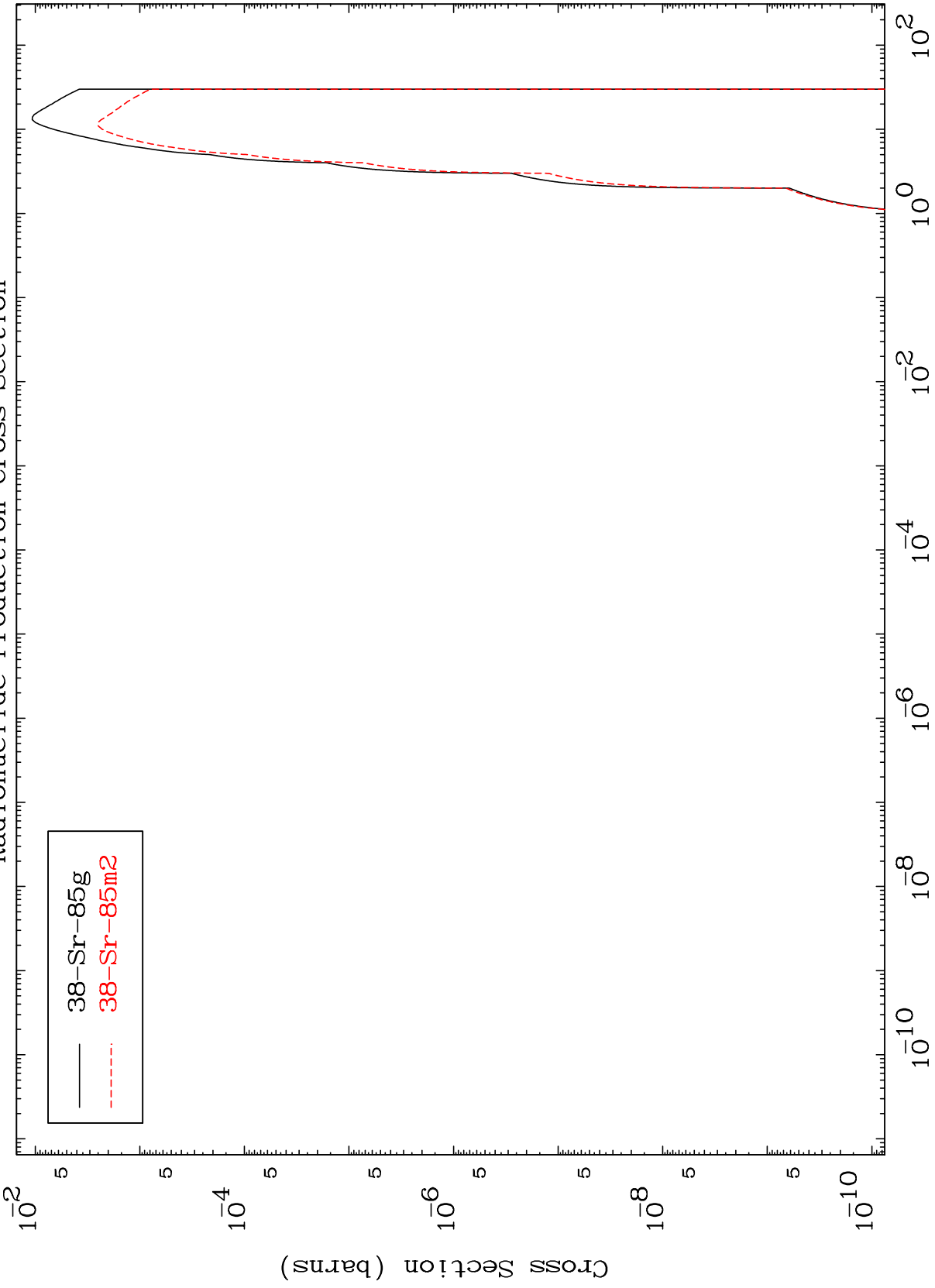
Incident Energy (MeV)

39-Y -87

MAT 3919

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

39-Y -87



25

Incident Energy (MeV)

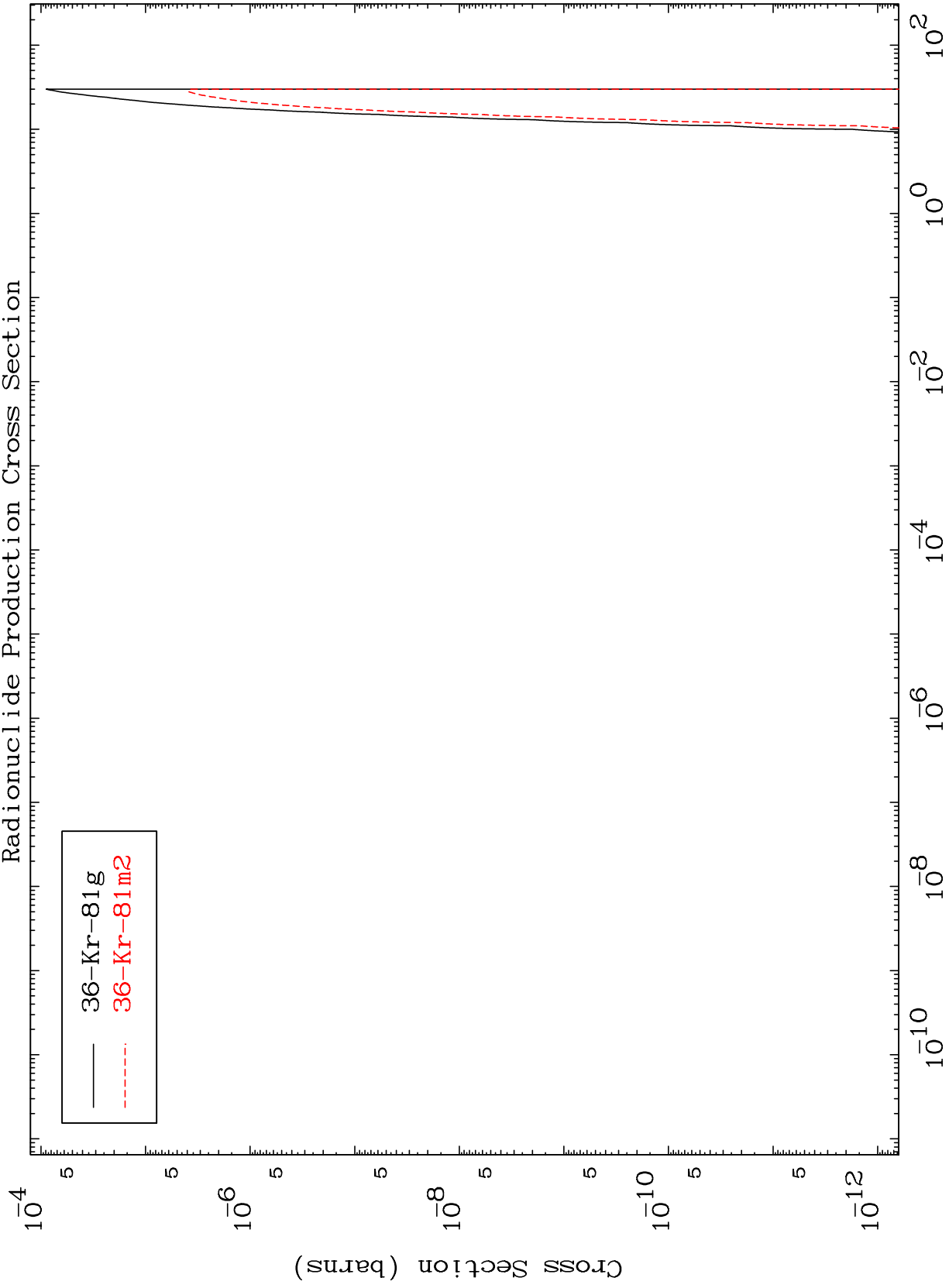
39-Y -87

MAT 3919

(d,2 $\alpha$ )

39-Y -87

Radionuclide Production Cross Section



36-Kr-81g  
36-Kr-81m2

26

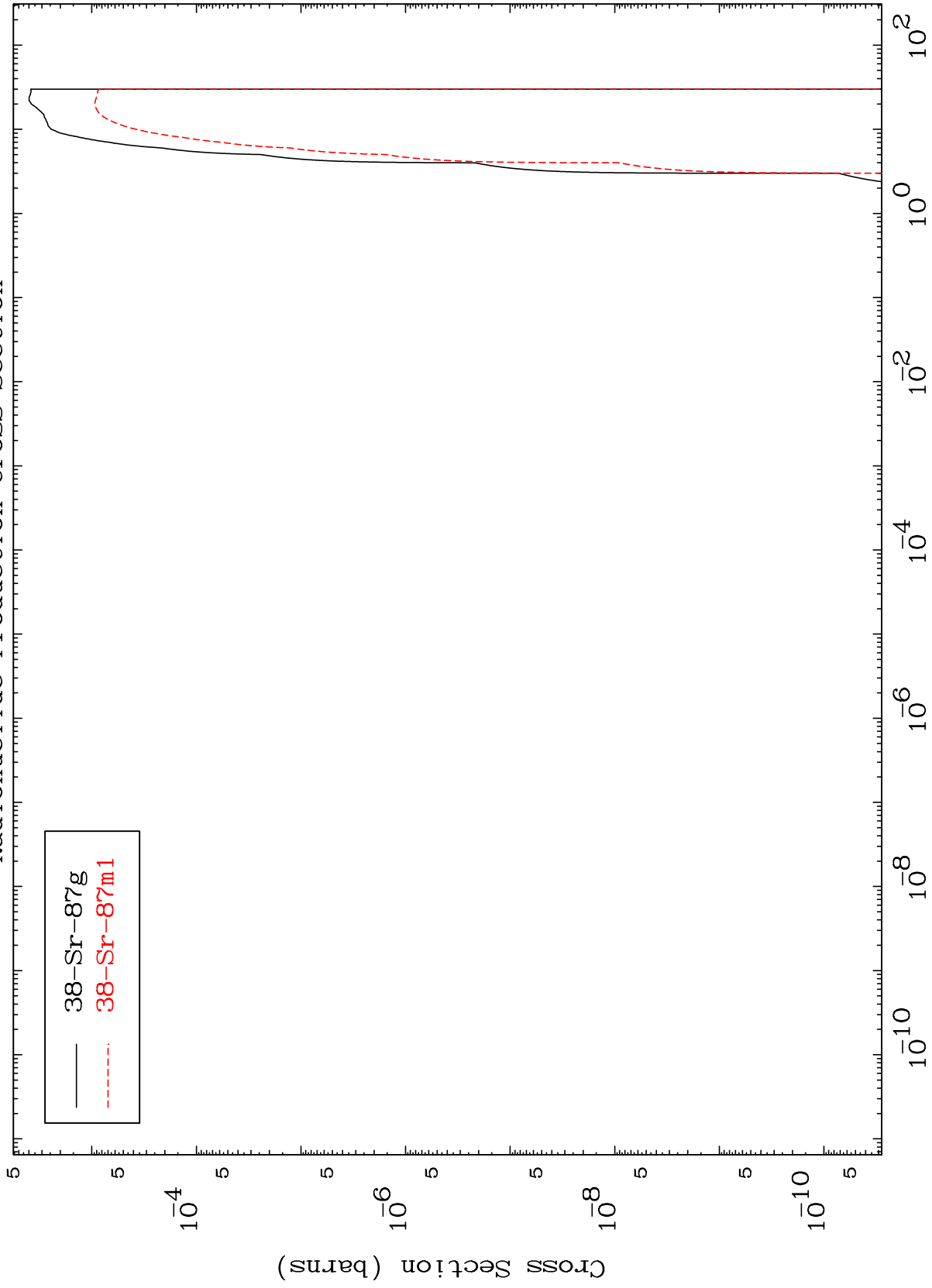
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,2p)  
Radionuclide Production Cross Section

39-Y -87



27

Incident Energy (MeV)

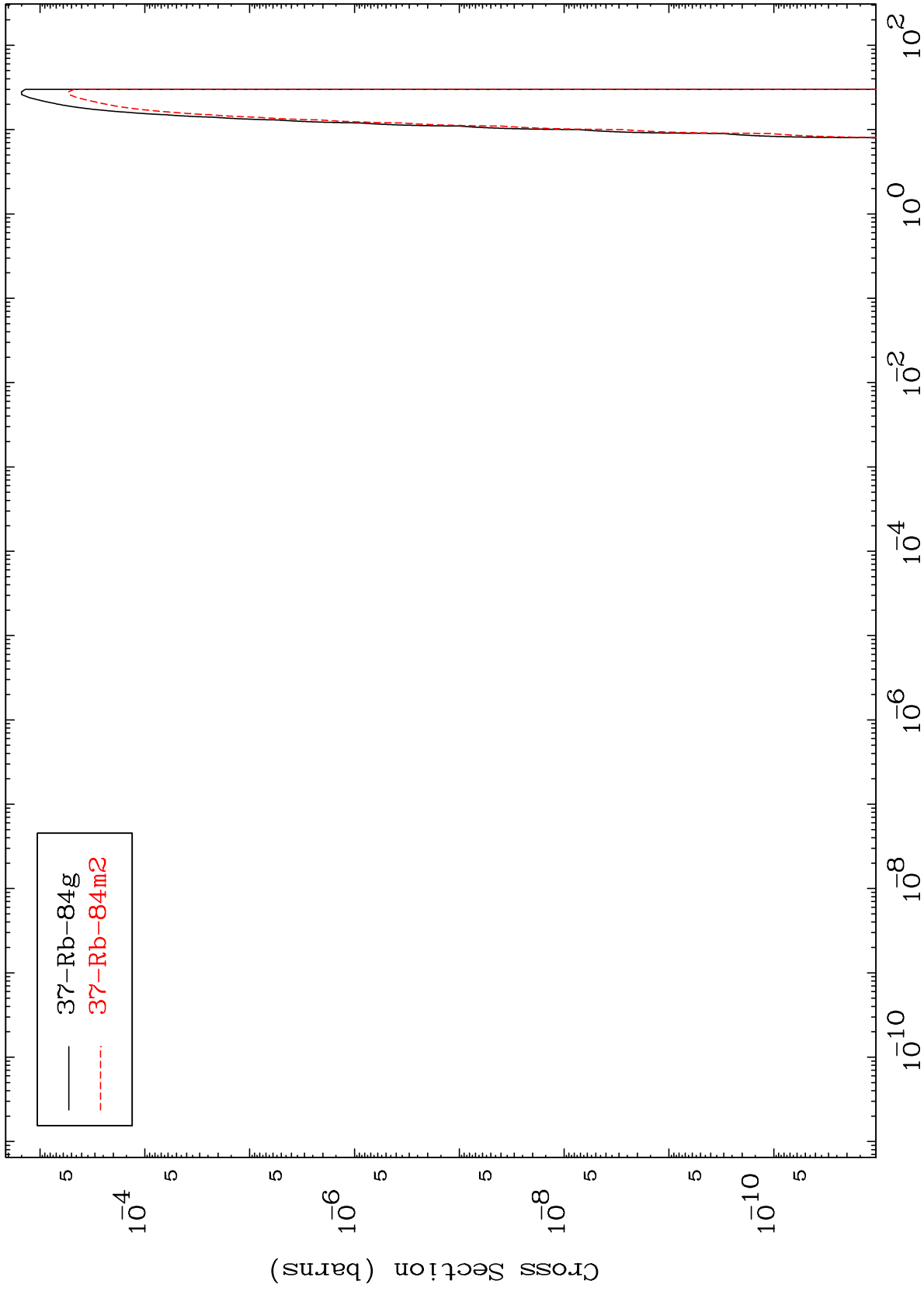
39-Y -87

MAT 3919

(d,p)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



28

Incident Energy (MeV)

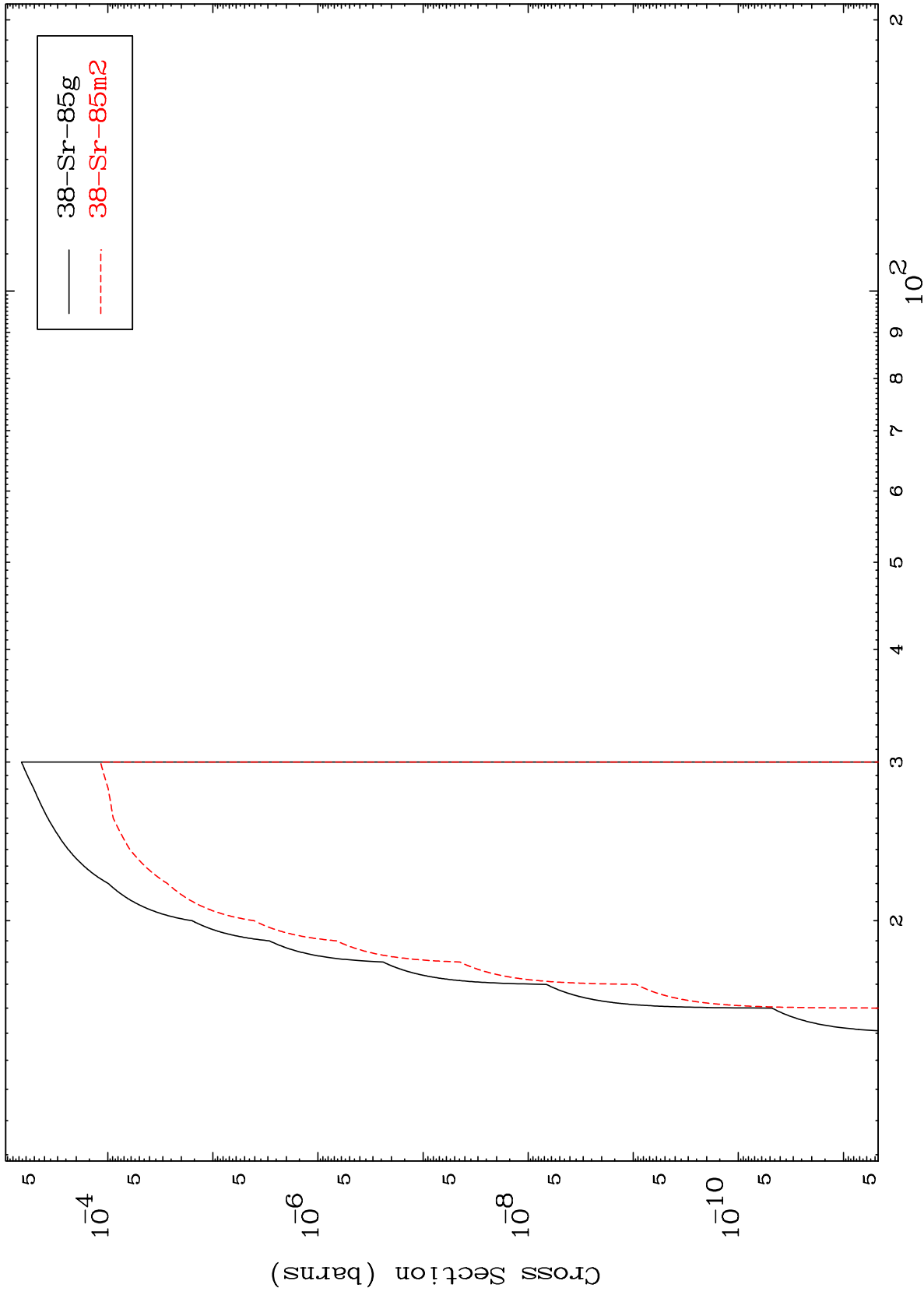
39-Y -87

MAT 3919

(d,p) t

39-Y -87

Radionuclide Production Cross Section



29

Incident Energy (MeV)

39-Y -87