

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)

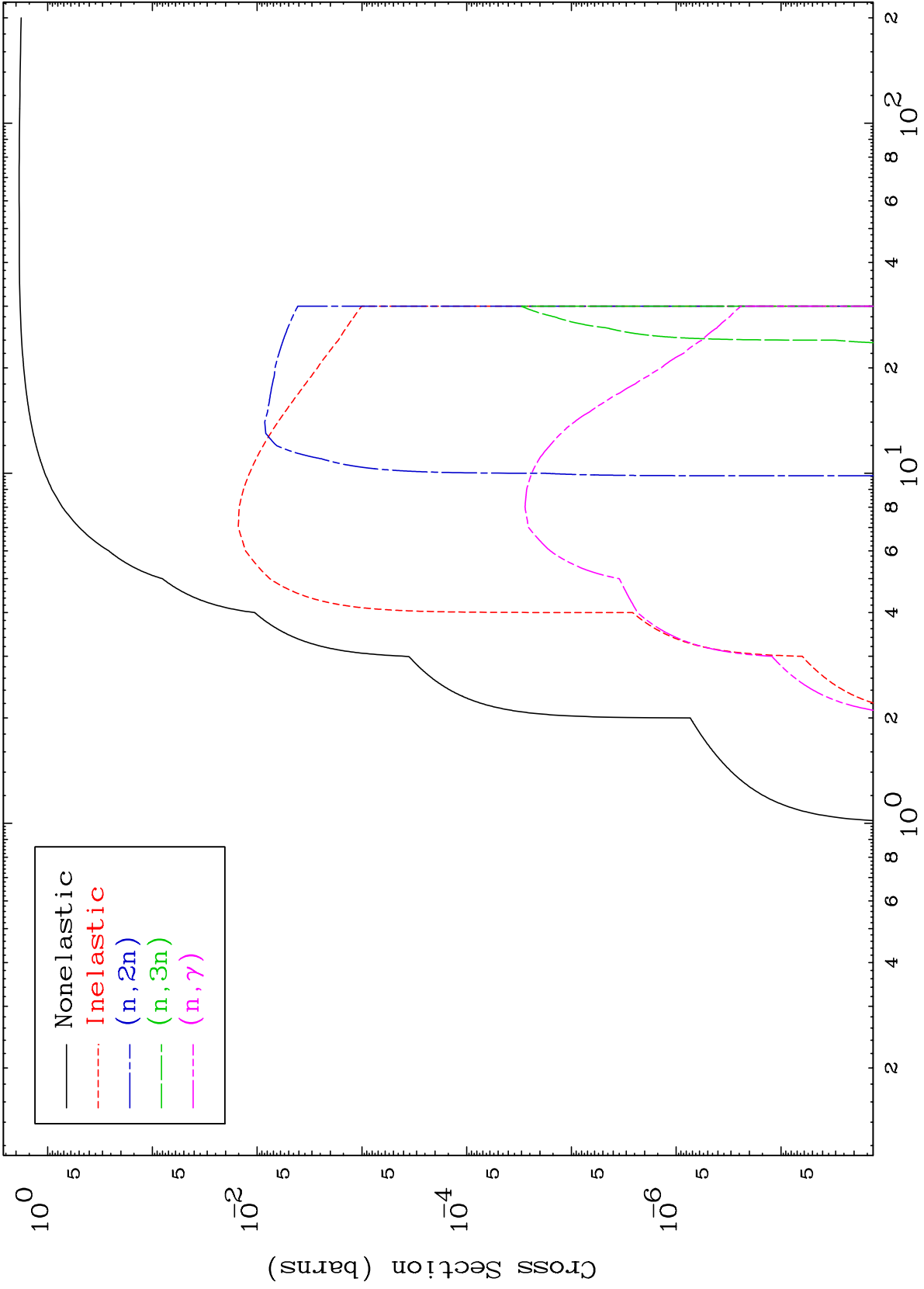
Press Mouse Button to Start

MAT 4011

Deuteron Major

40-Zr-85m

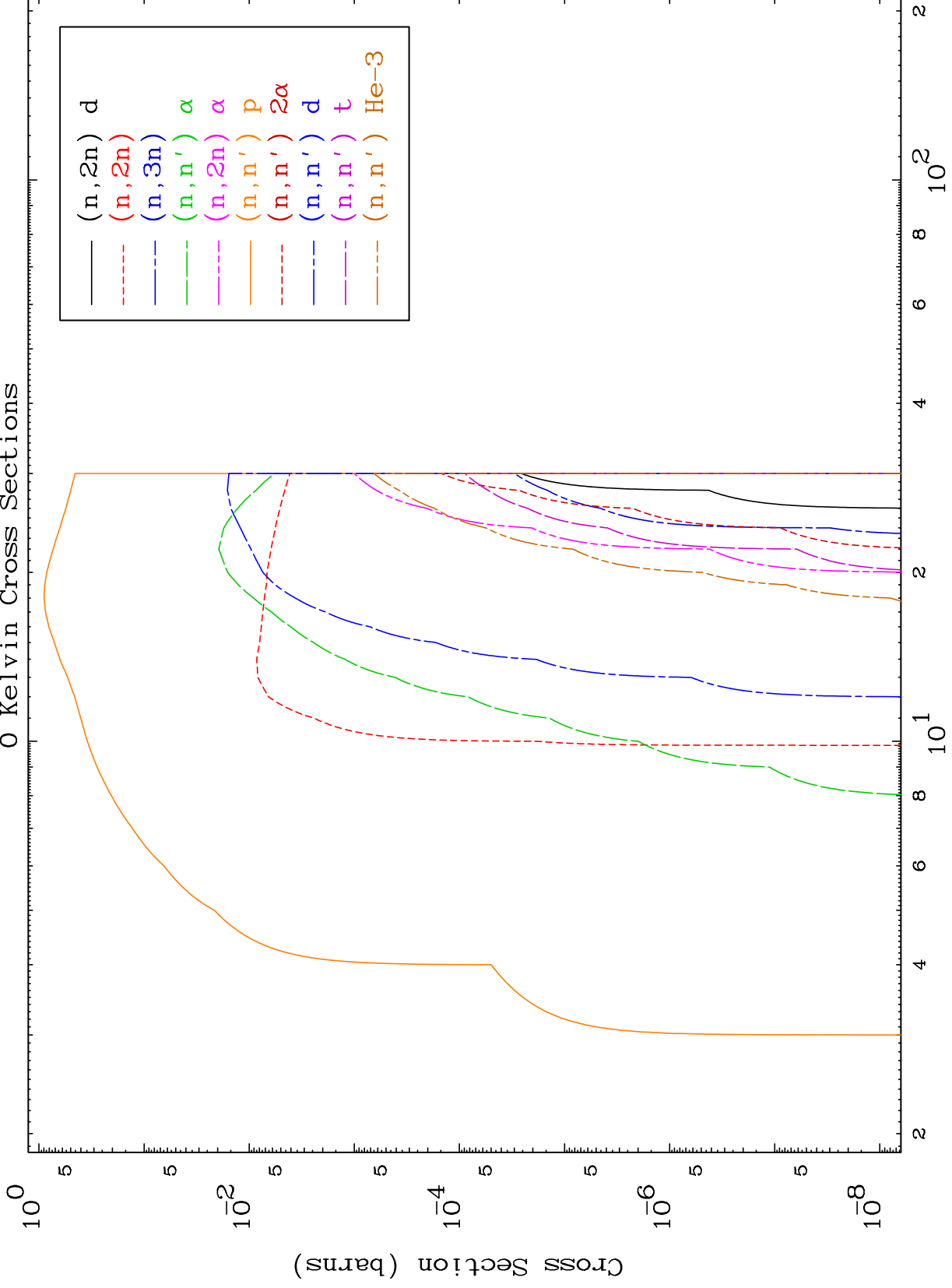
0 Kelvin Cross Sections



MAT 4011

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-85m



2

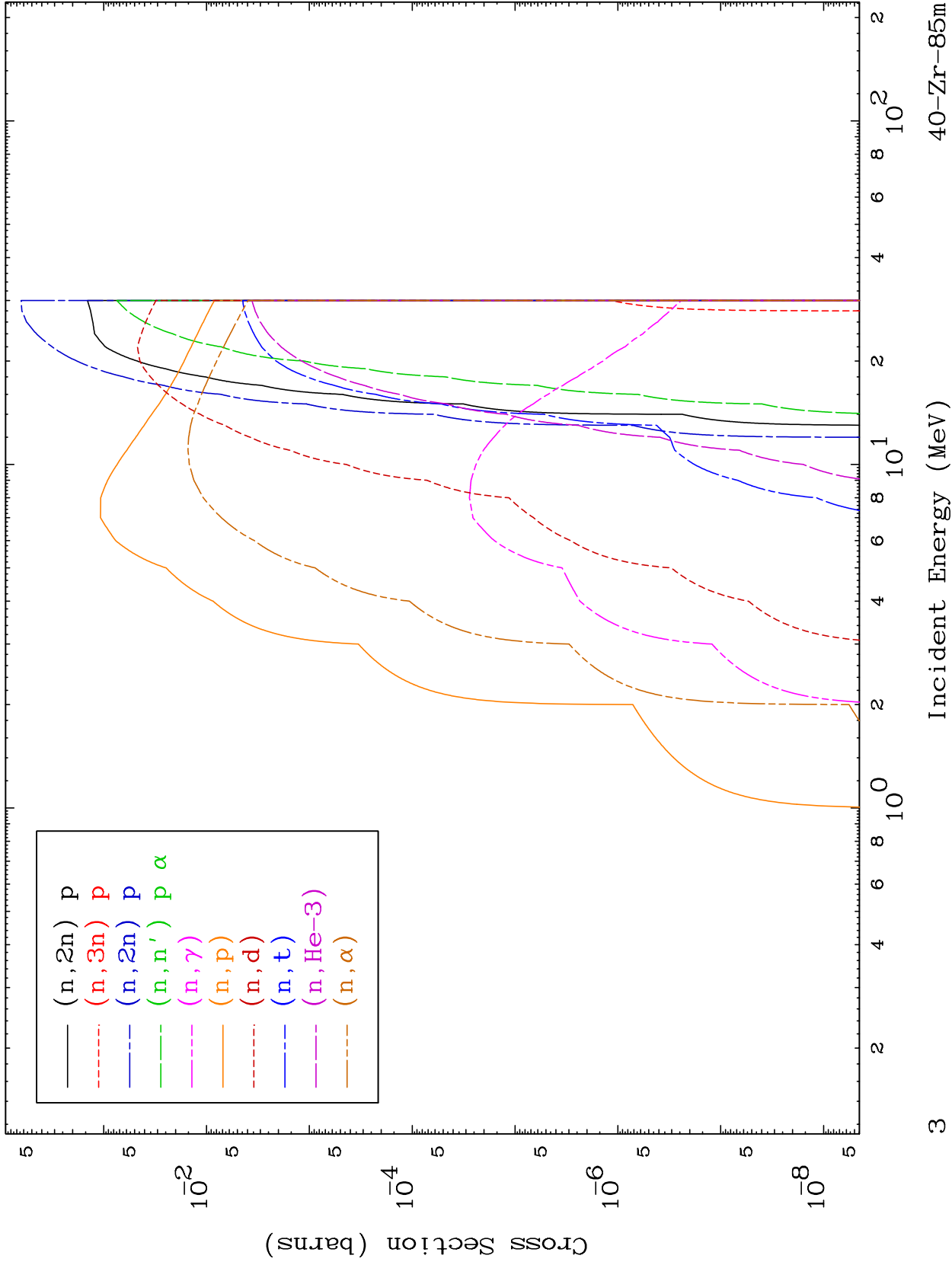
Incident Energy (MeV)

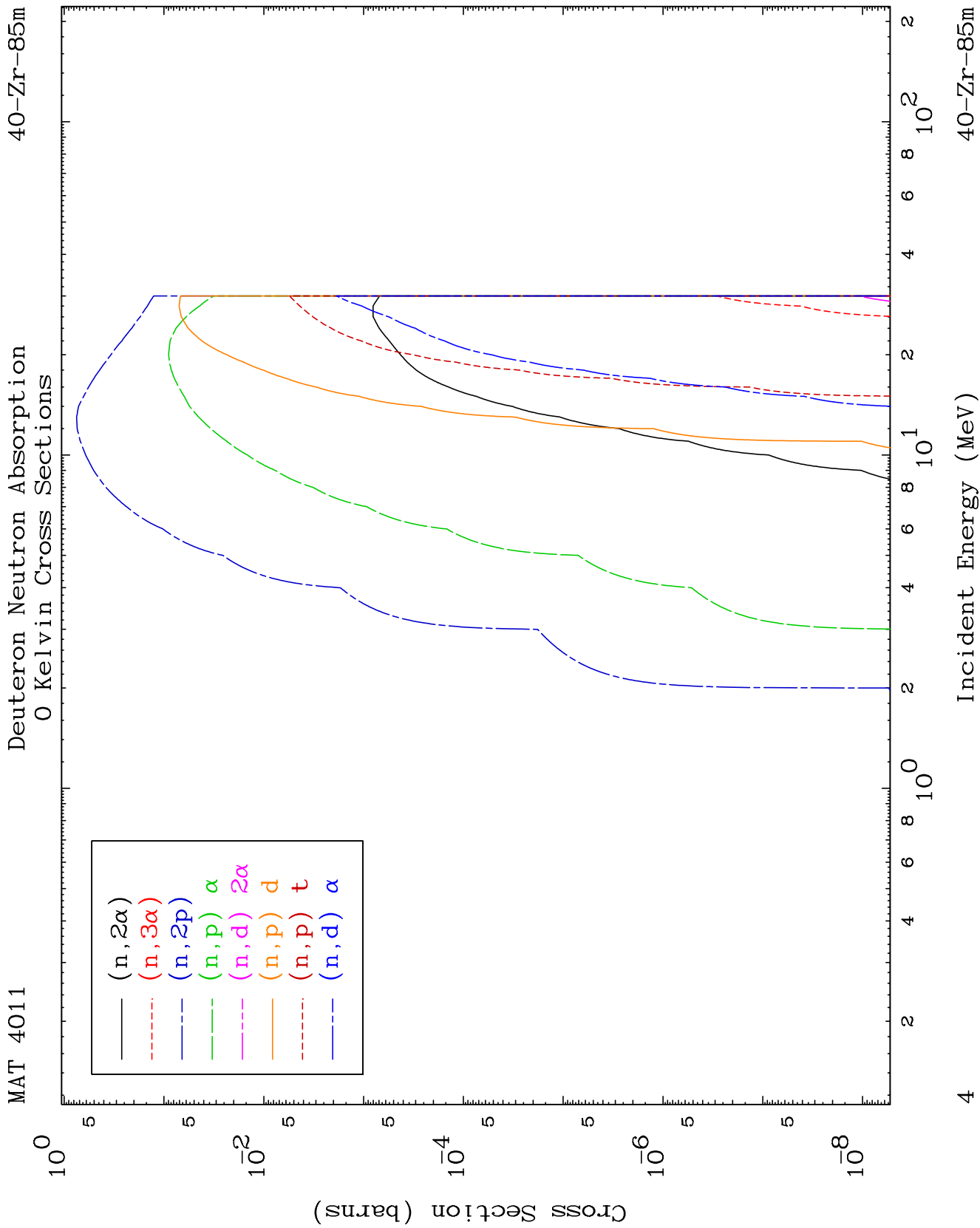
40-Zr-85m

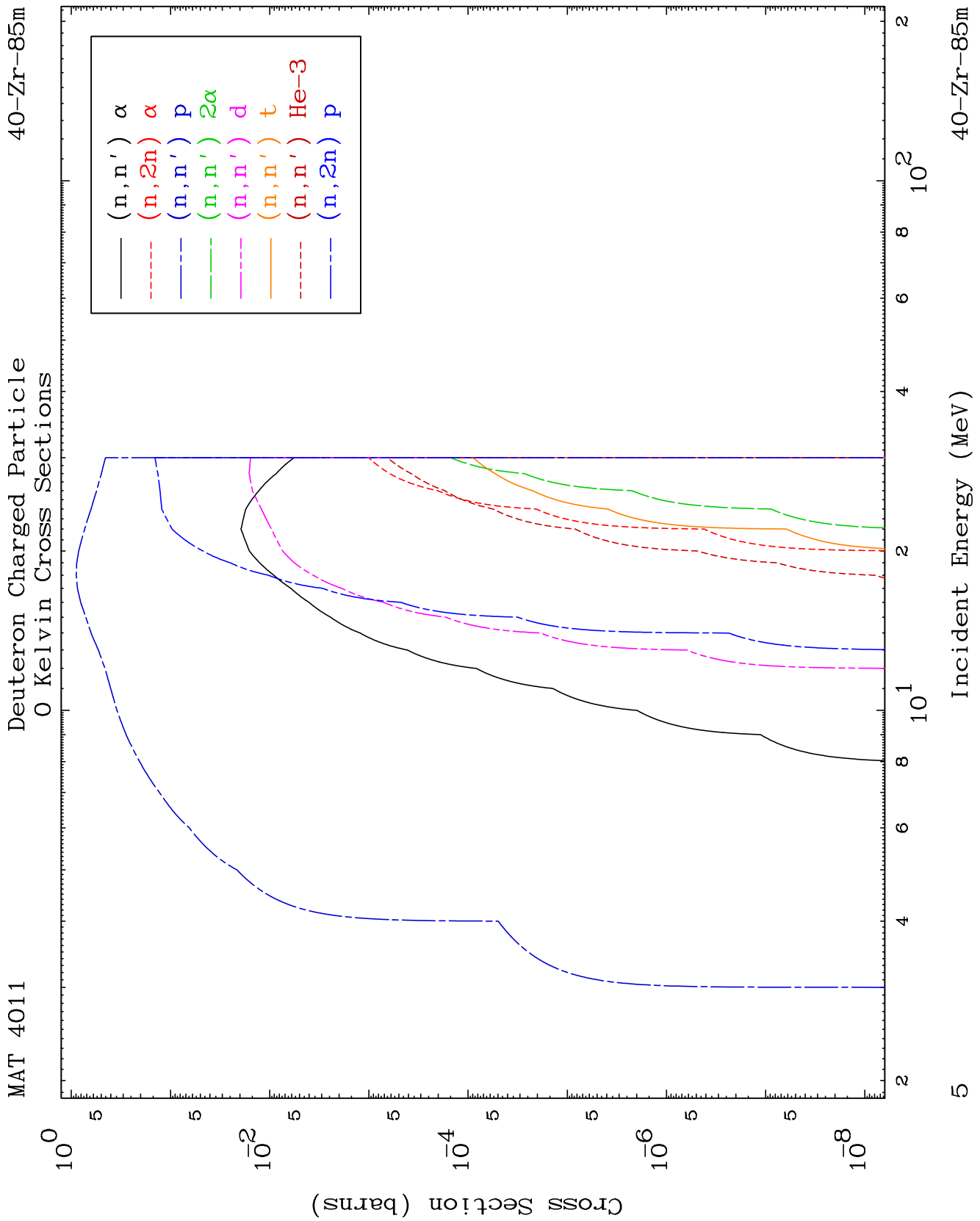
MAT 4011

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-85m



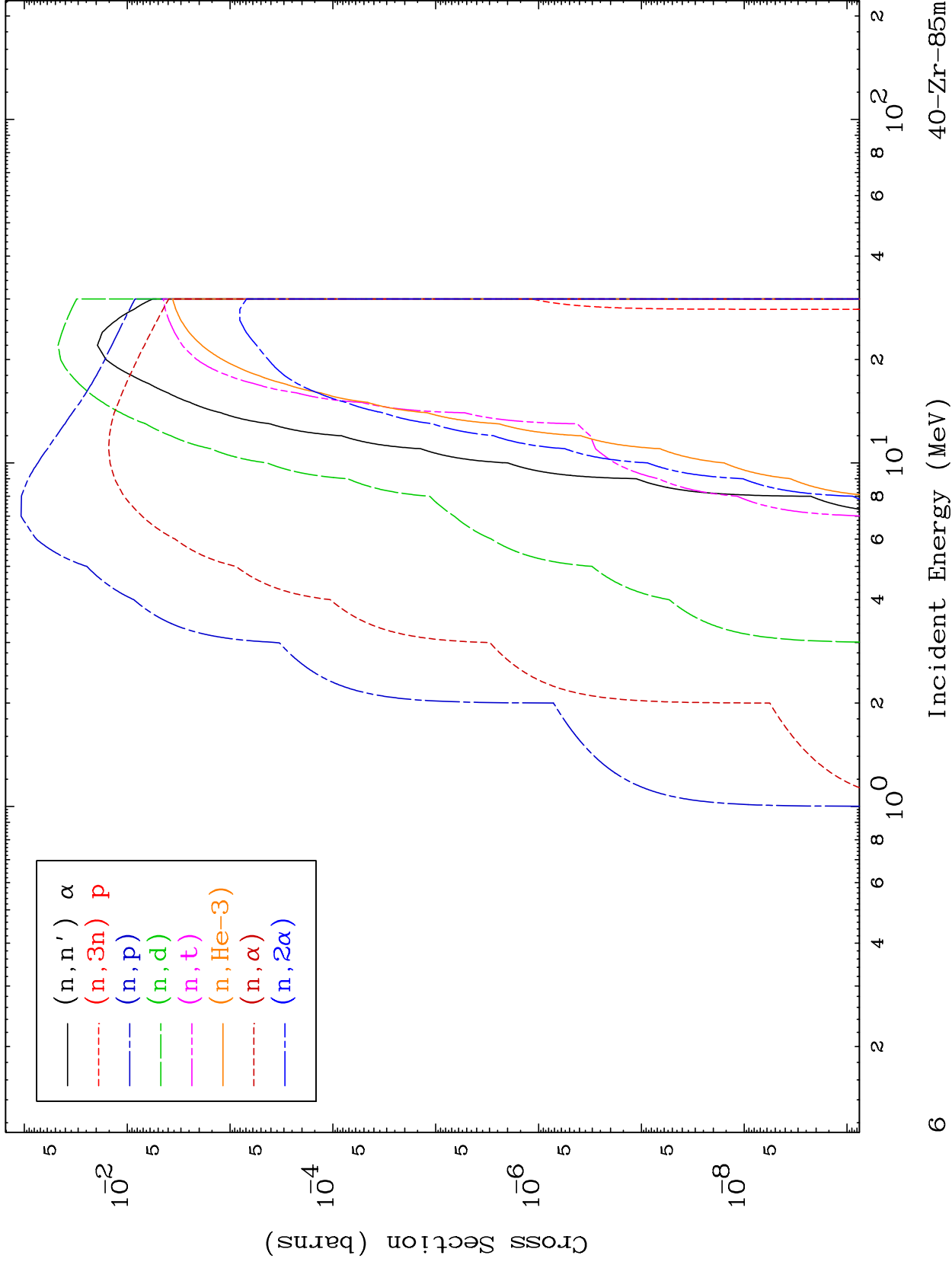


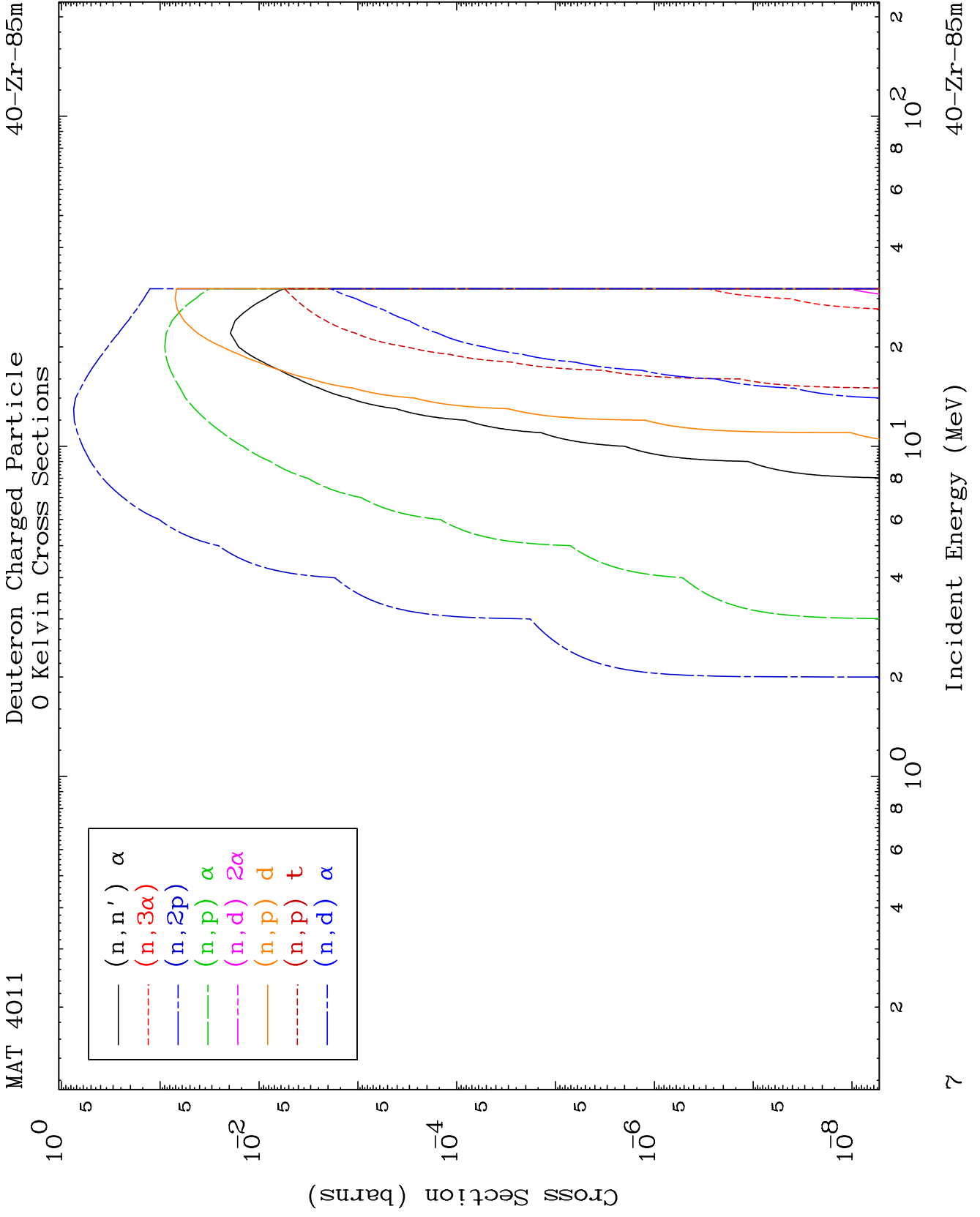


MAT 4011

Deuteron Charged Particle  
0 Kelvin Cross Sections

40-Zr-85m

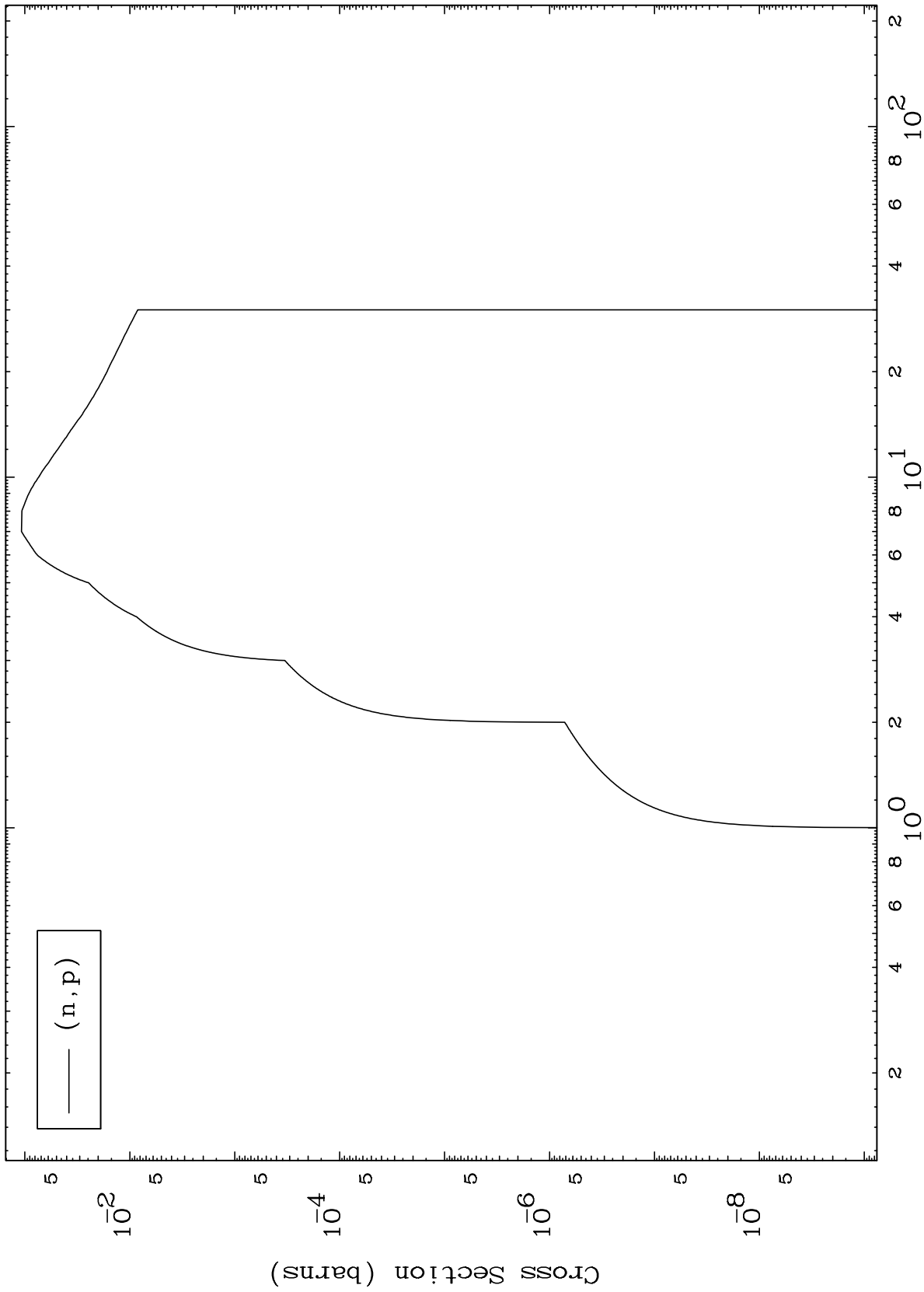




MAT 4011

(d,p) Levels  
0 Kelvin Cross Sections

40-Zr-85m

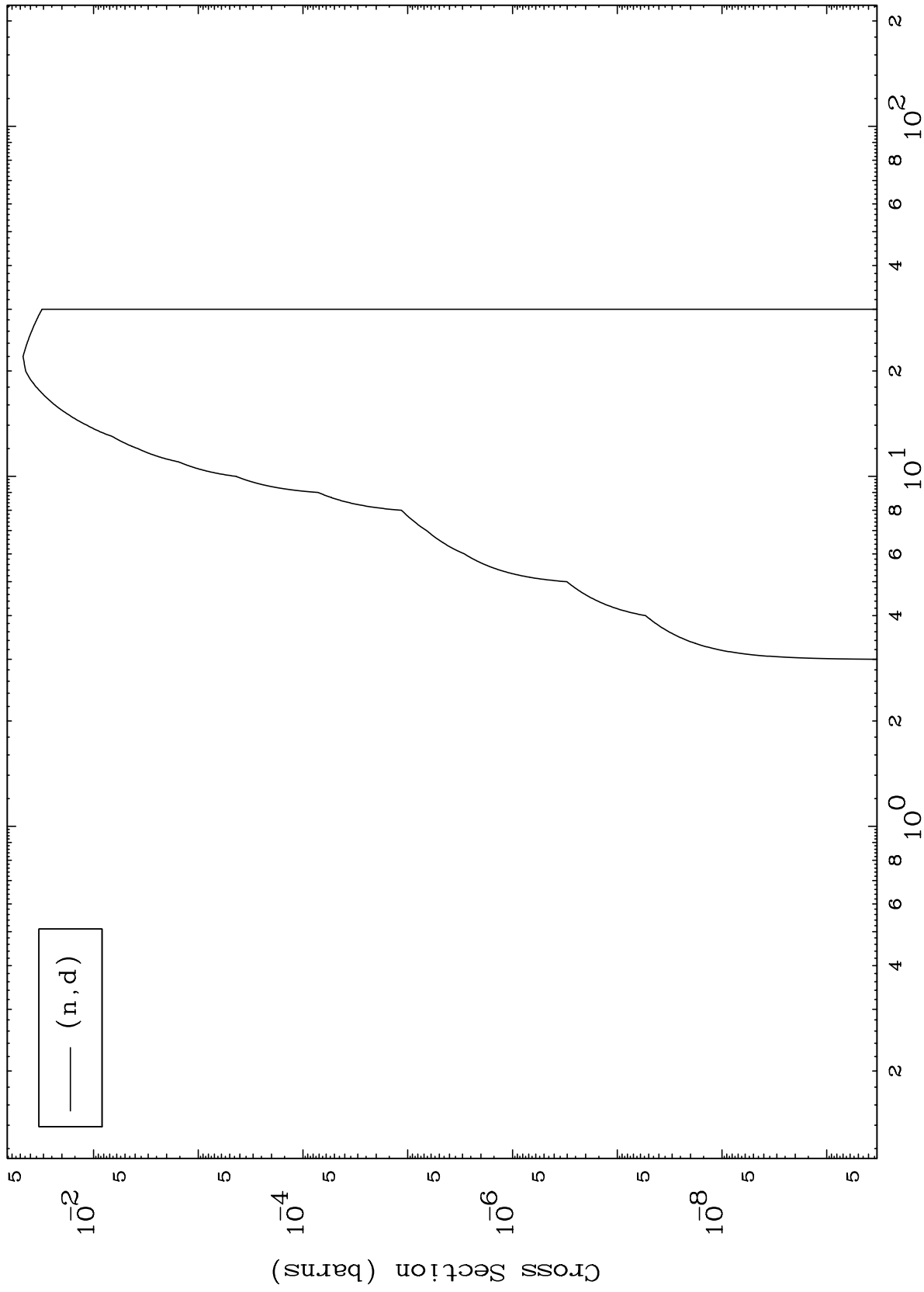


MAT 4011

(d,d) Levels

40-Zr-85m

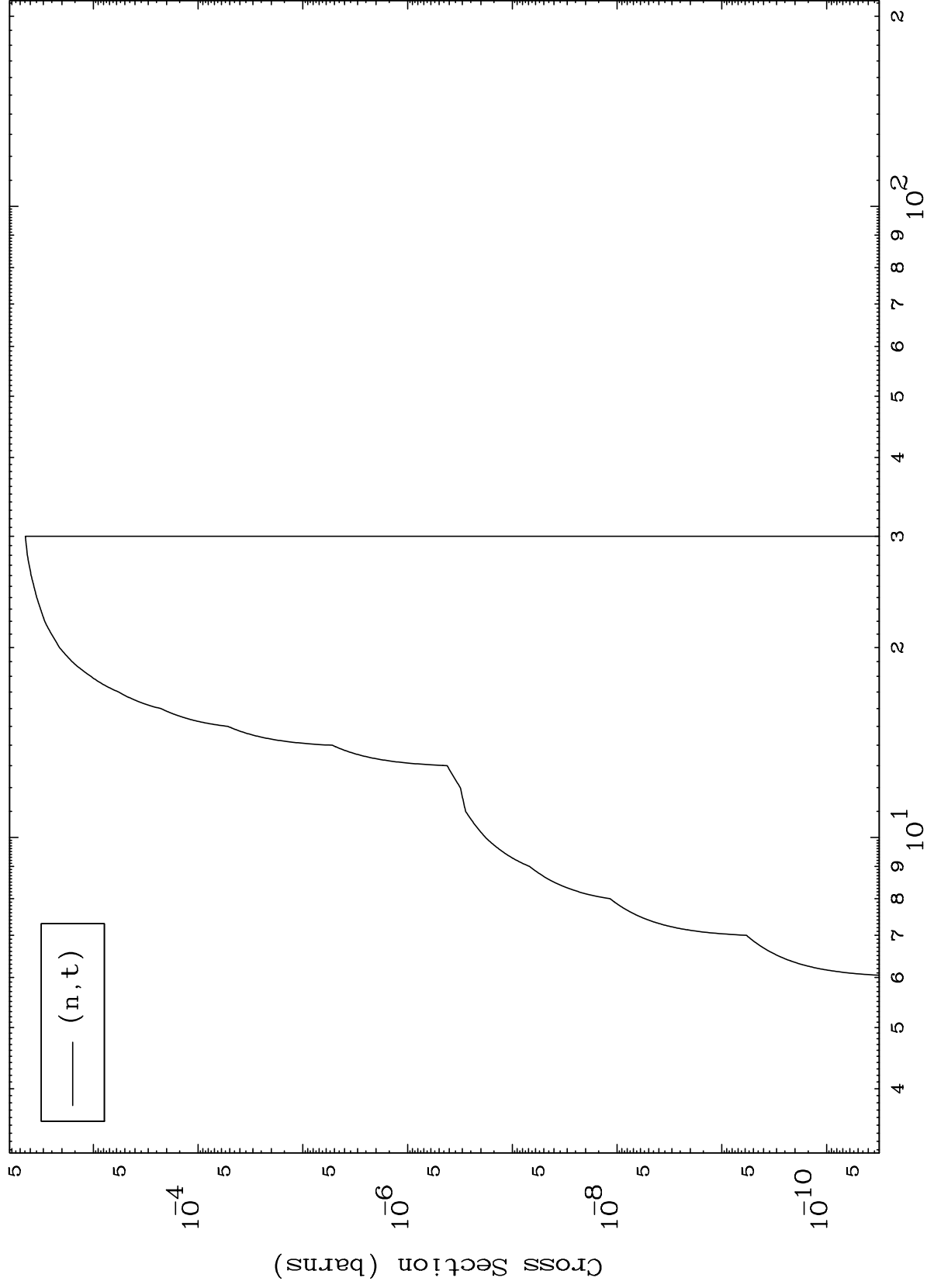
0 Kelvin Cross Sections



MAT 4011

(d, t) Levels  
0 Kelvin Cross Sections

40-Zr-85m



10

Incident Energy (MeV)

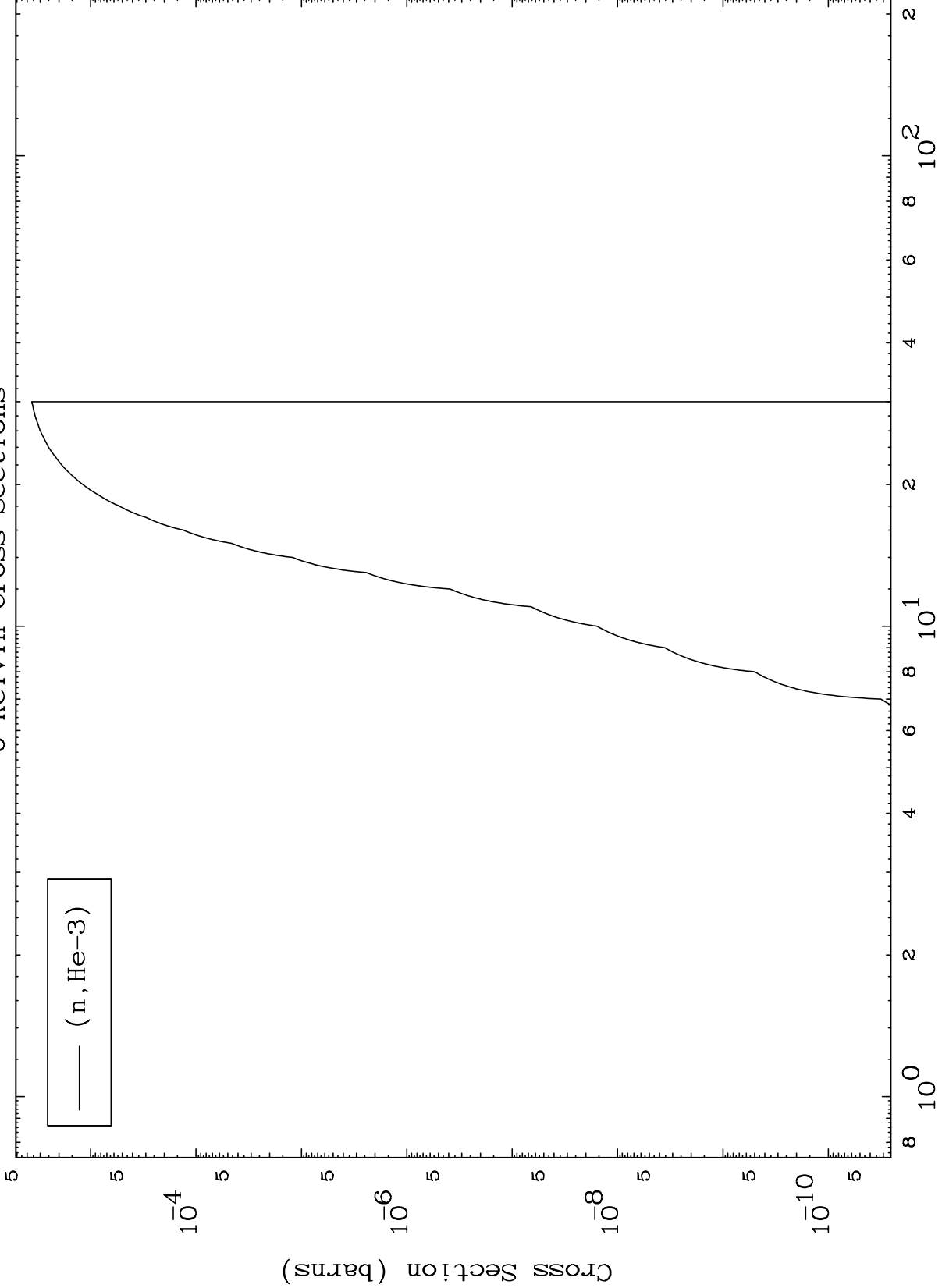
40-Zr-85m

MAT 4011

(d,He3) Levels

40-Zr-85m

0 Kelvin Cross Sections



11

Incident Energy (MeV)

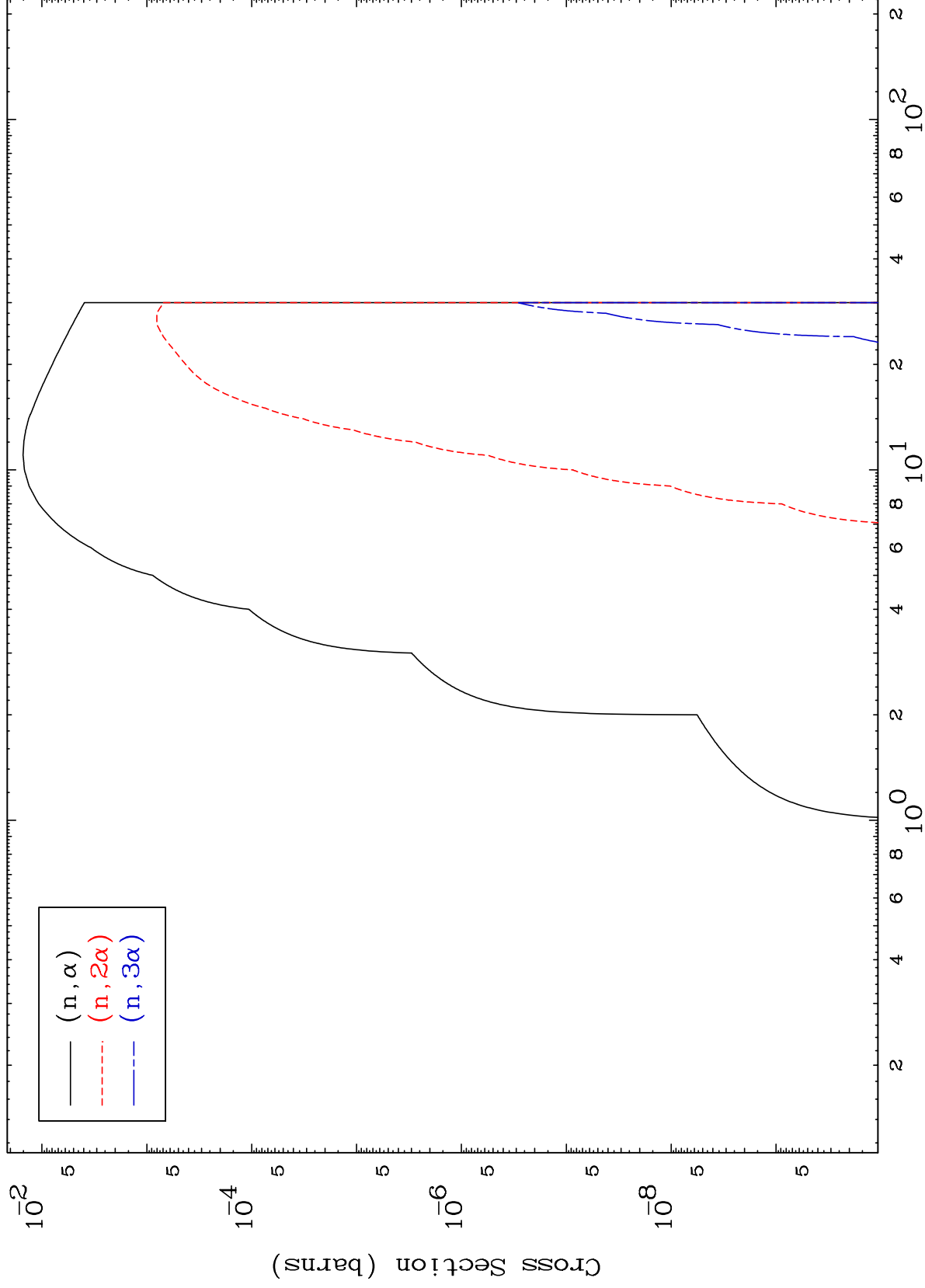
40-Zr-85m

MAT 4011

(d,  $\alpha$ ) Levels

40-Zr-85m

0 Kelvin Cross Sections



12

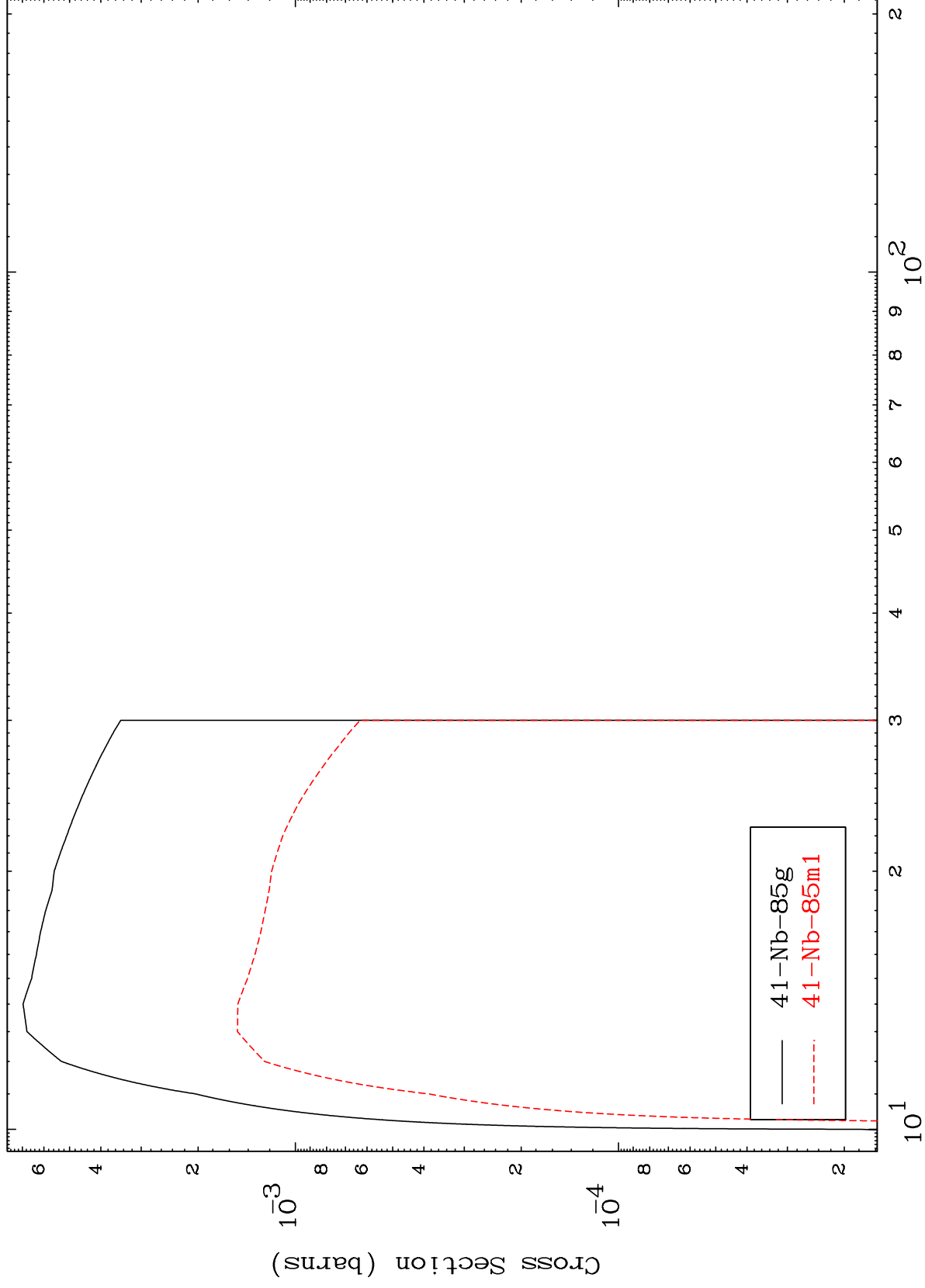
Incident Energy (MeV)

40-Zr-85m

MAT 4011

40-Zr-85m

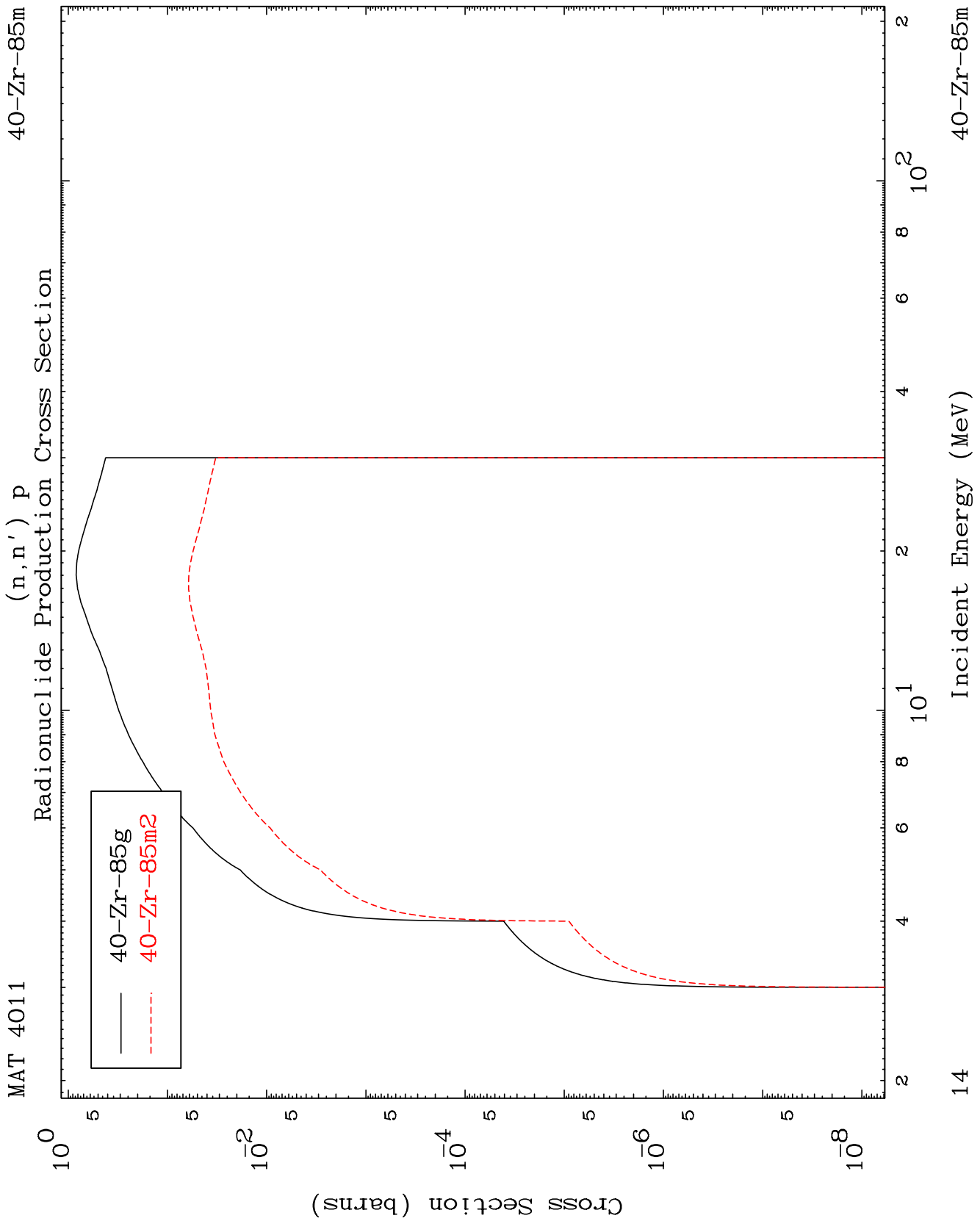
(n,2n)  
Radionuclide Production Cross Section

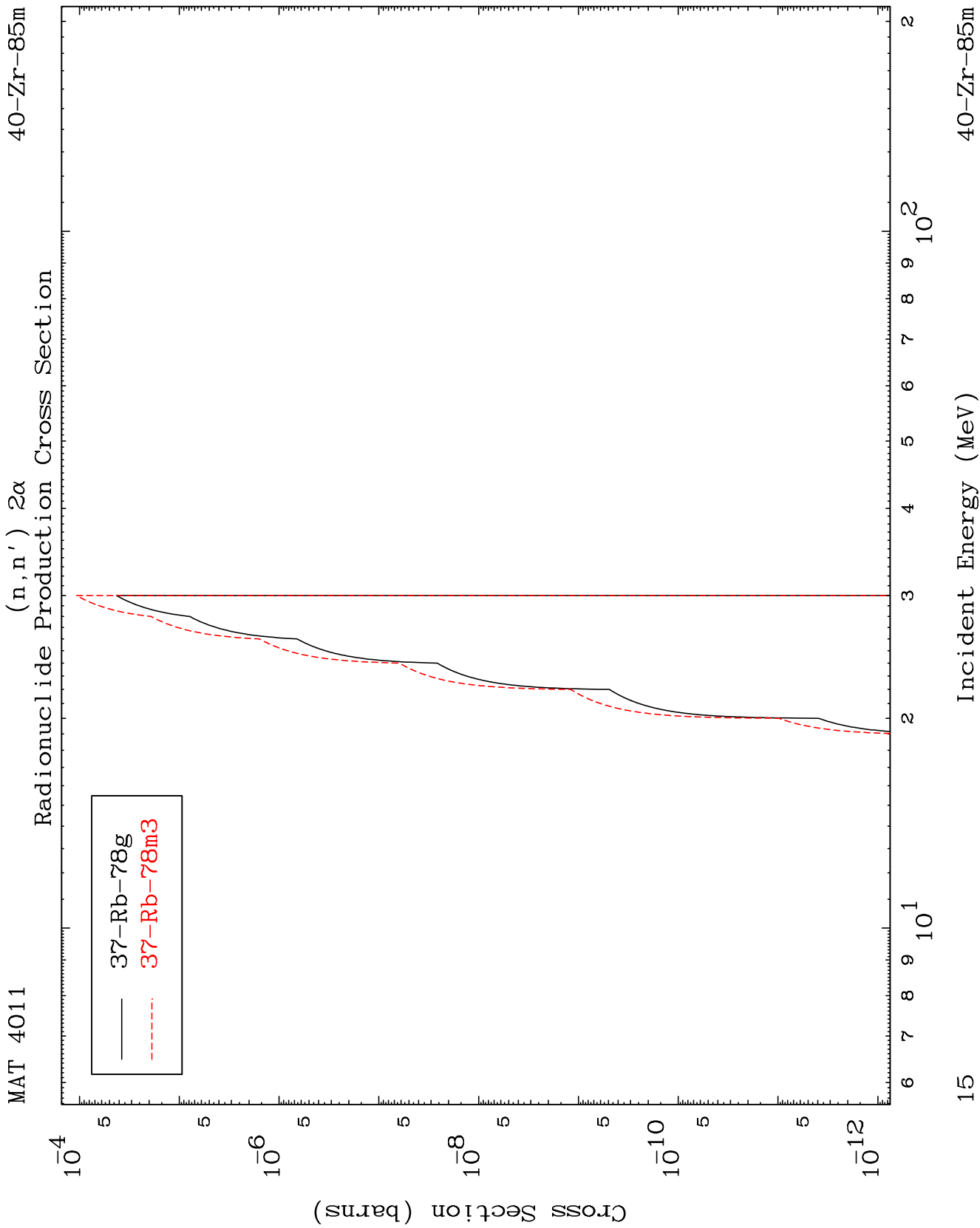


40-Zr-85m

Incident Energy (MeV)

13



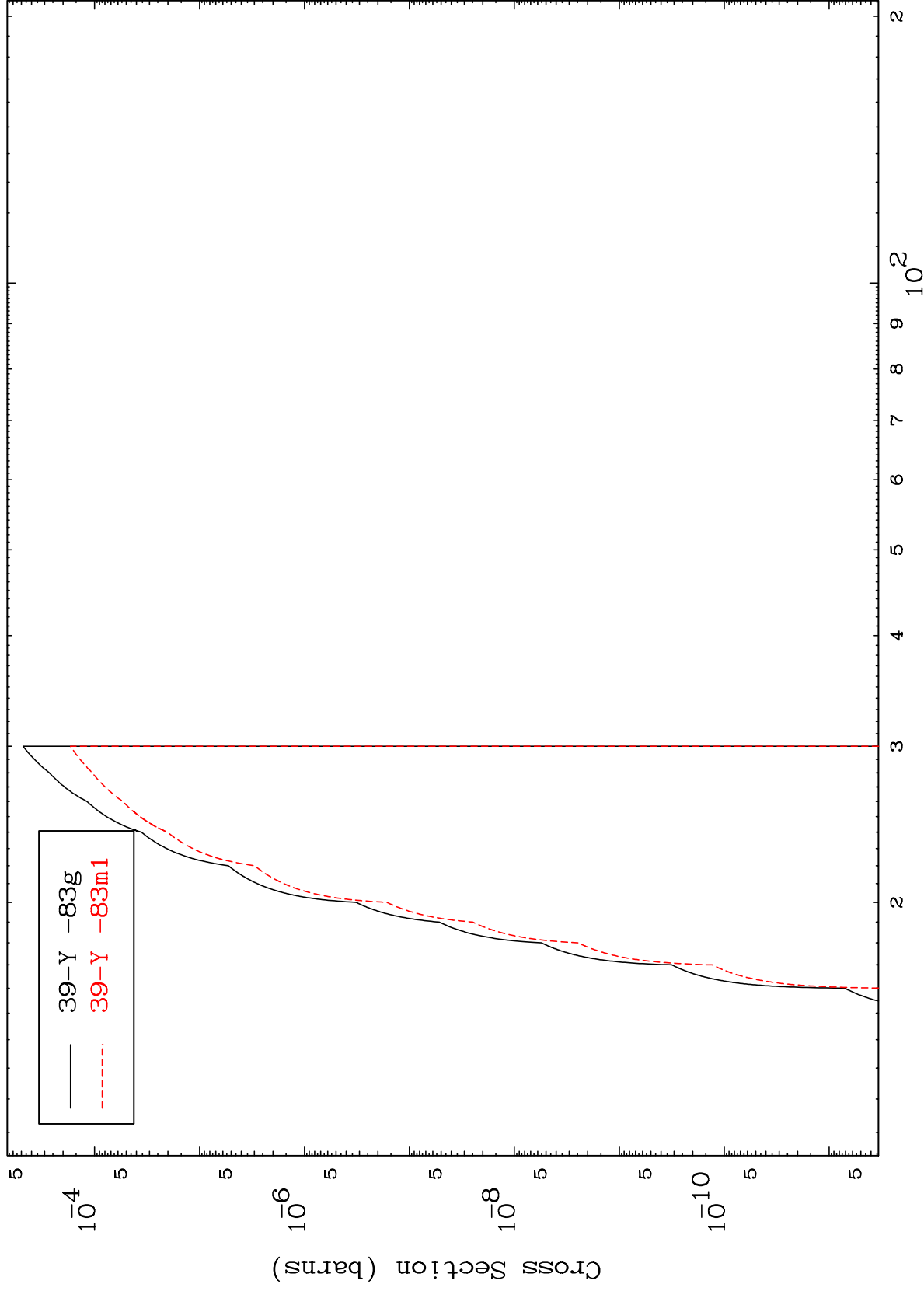


MAT 4011

(n,n') He-3

40-Zr-85m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

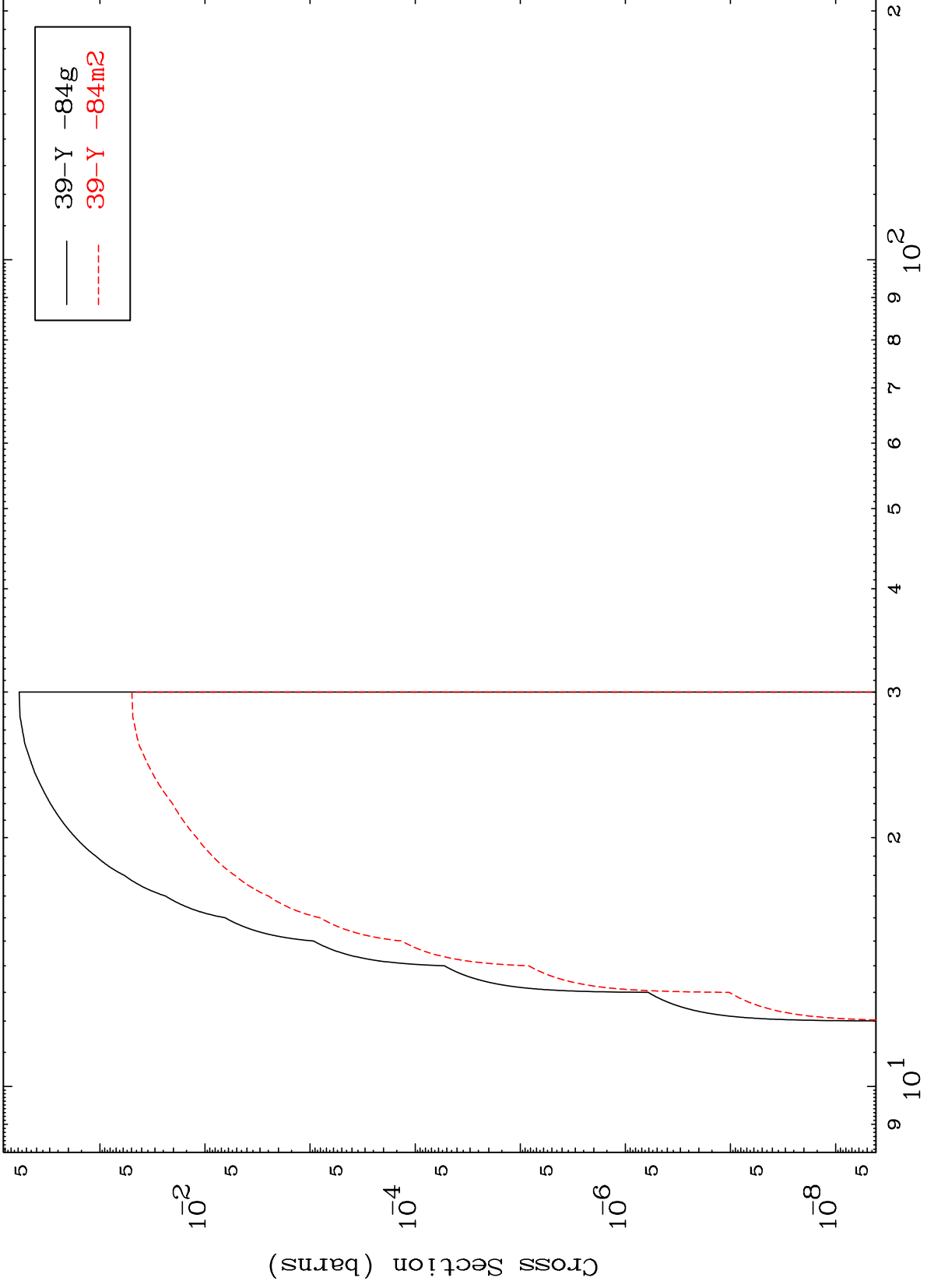
40-Zr-85m

MAT 4011

(n,2n) p

40-Zr-85m

Radionuclide Production Cross Section



17

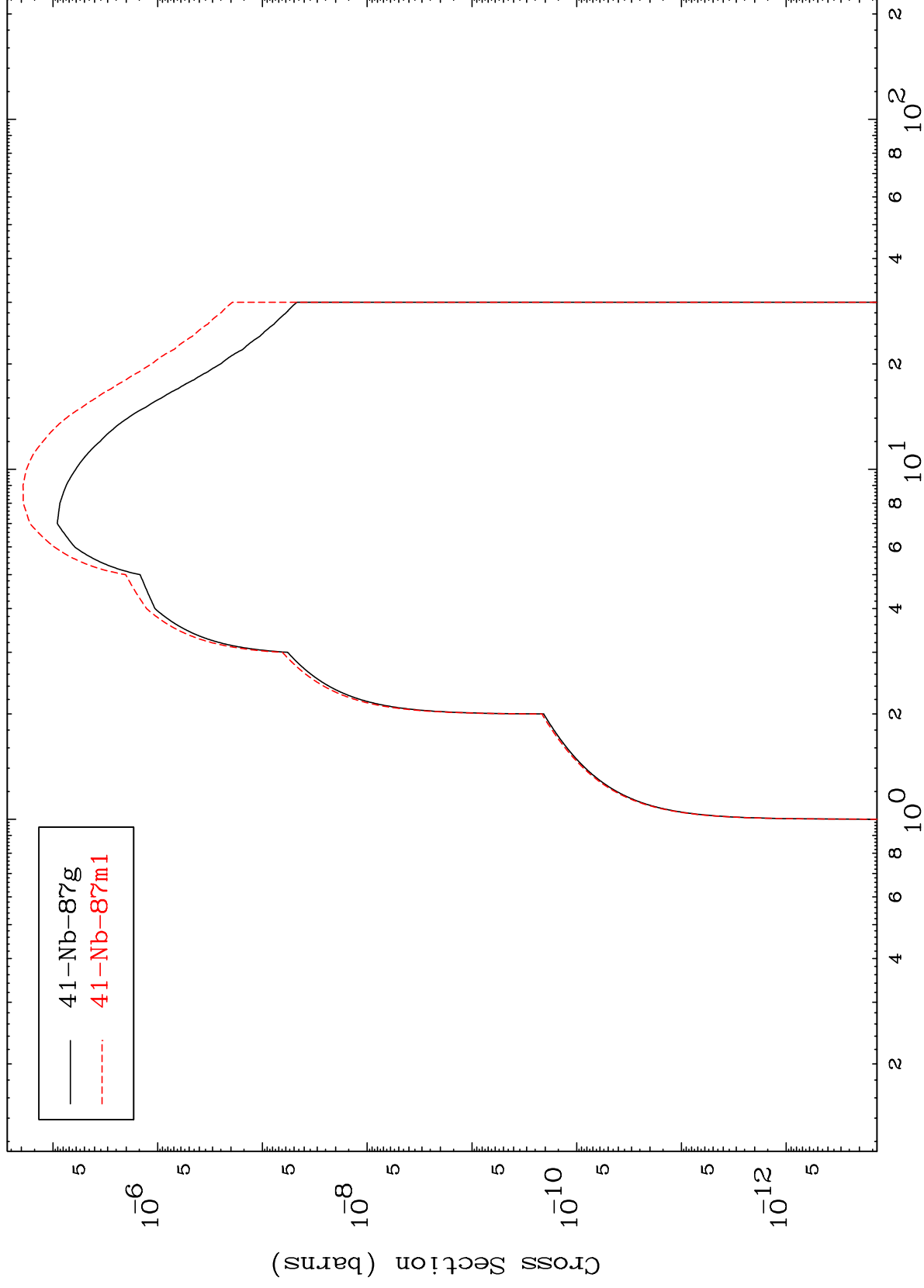
Incident Energy (MeV)

40-Zr-85m

MAT 4011

40-Zr-85m

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

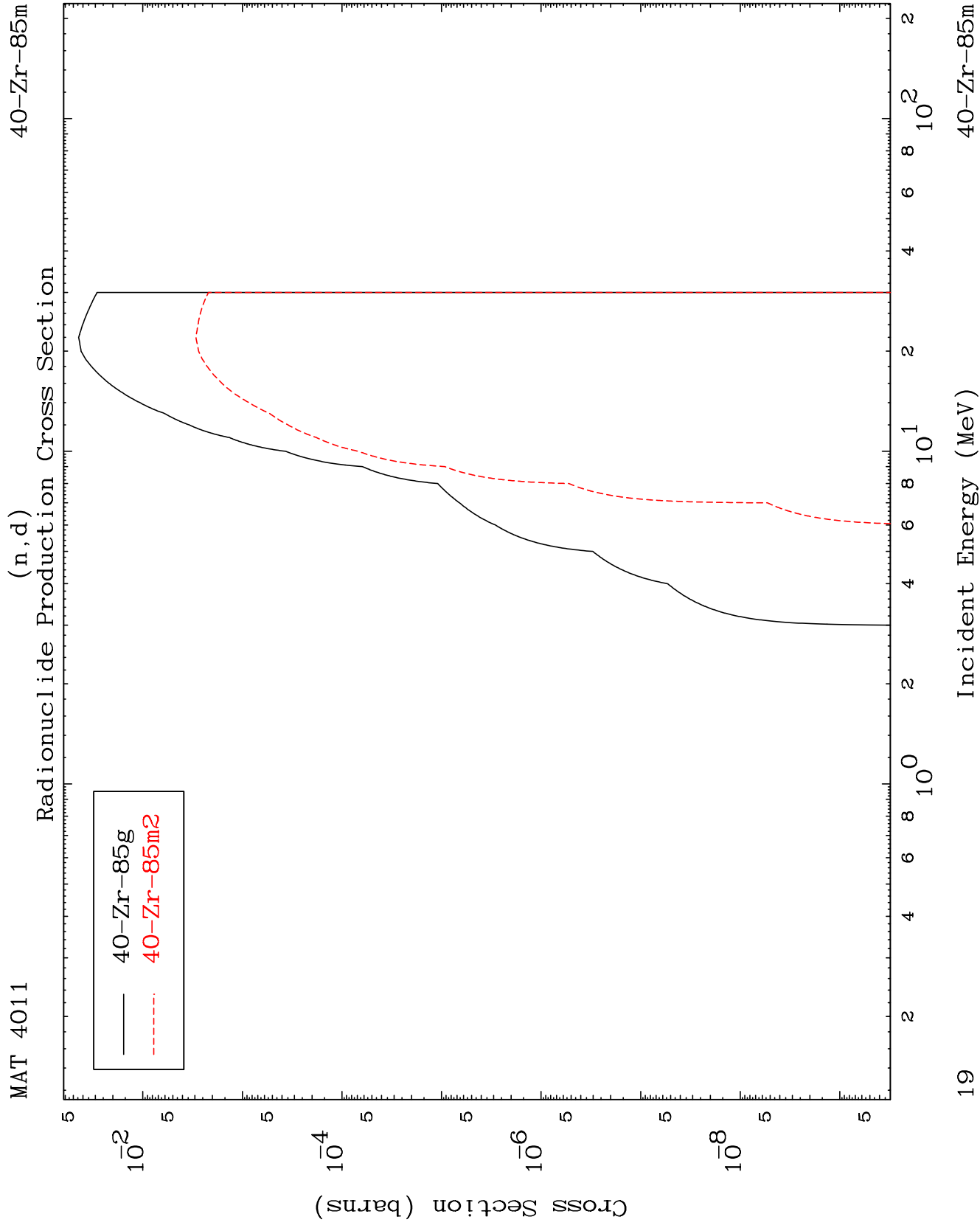


18

Incident Energy (MeV)

40-Zr-85m

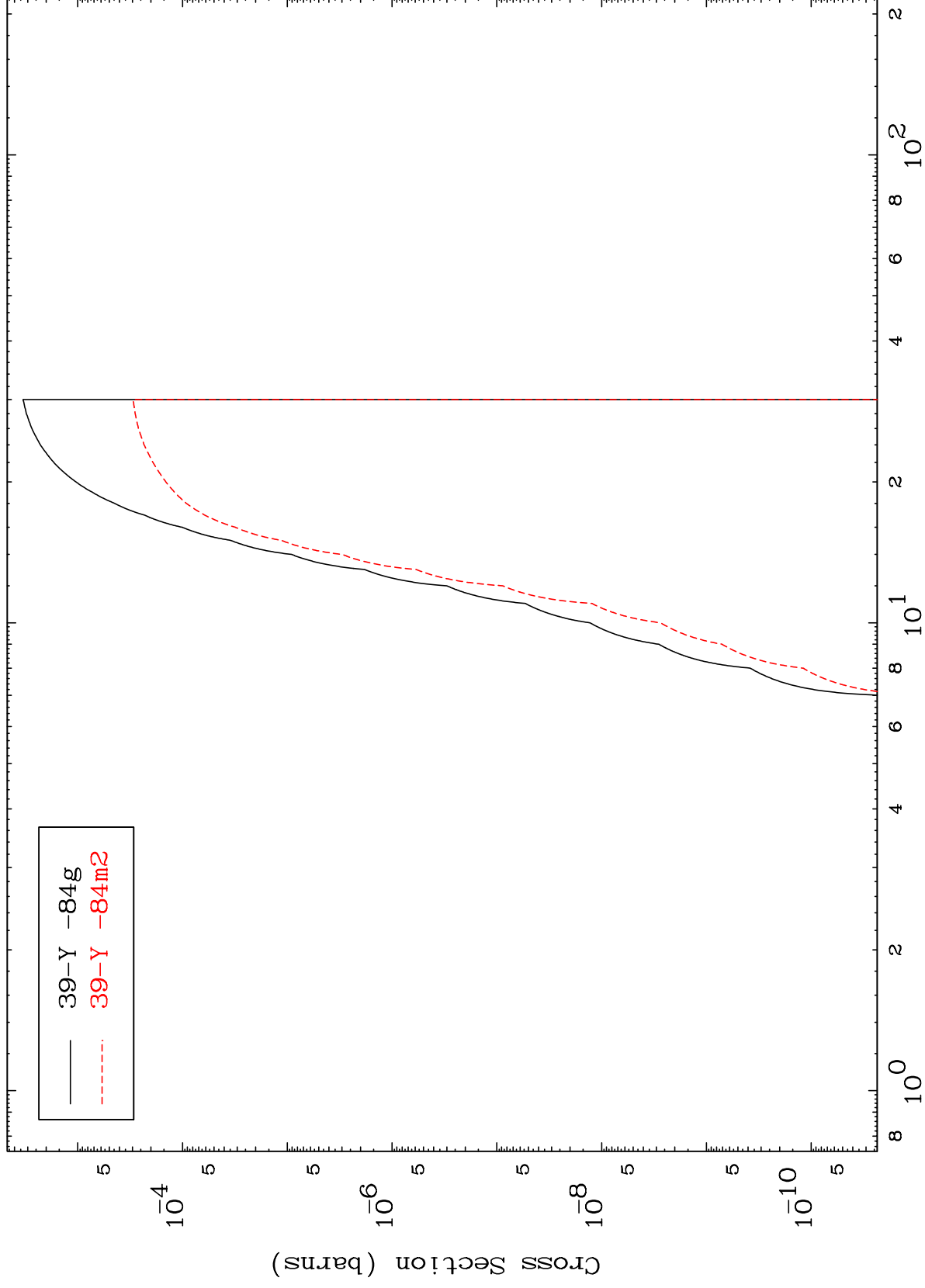
MAT 4011



MAT 4011

40-Zr-85m

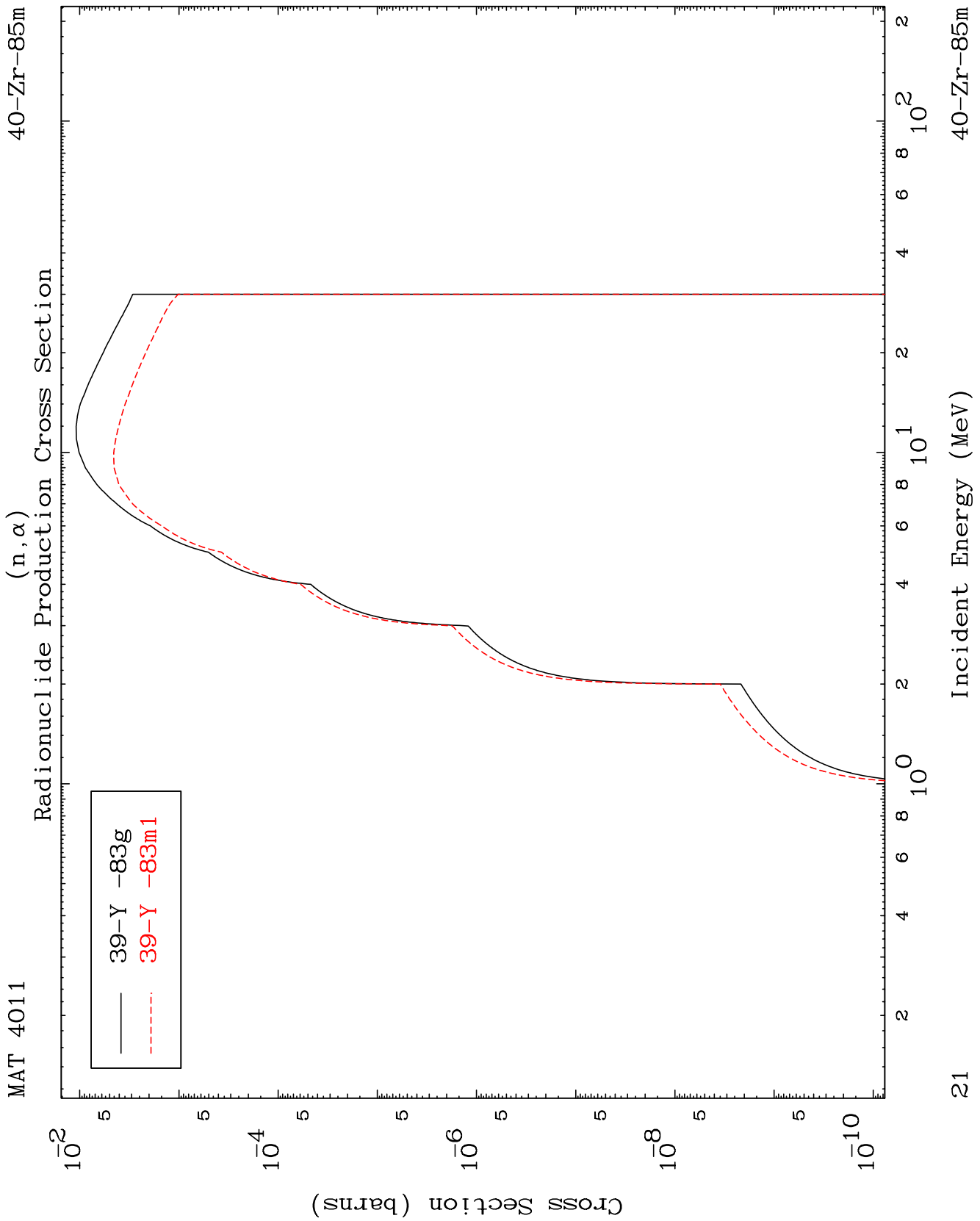
(n,He-3)  
Radionuclide Production Cross Section



40-Zr-85m

Incident Energy (MeV)

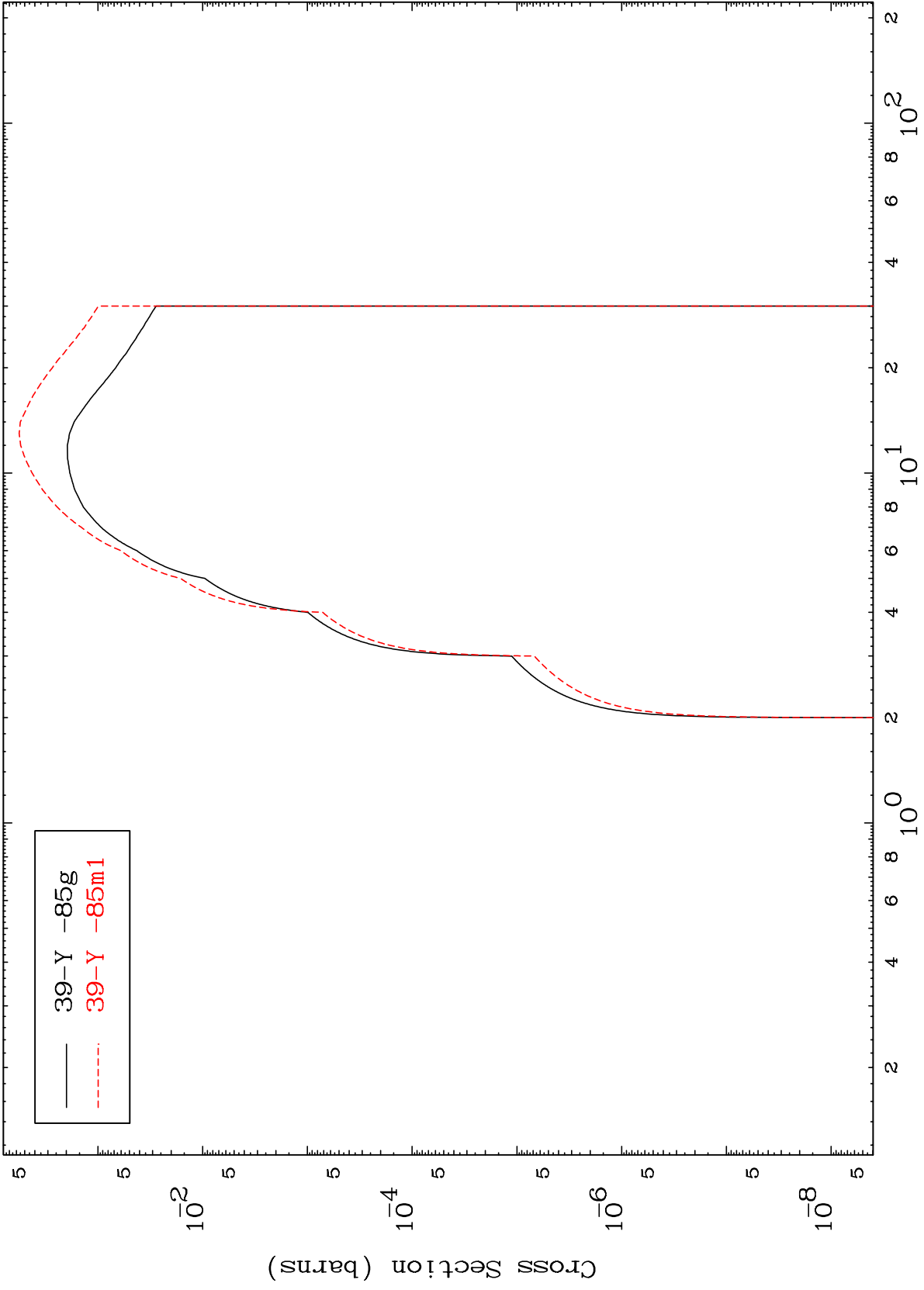
20



MAT 4011

40-Zr-85m

(n,2p)  
Radionuclide Production Cross Section

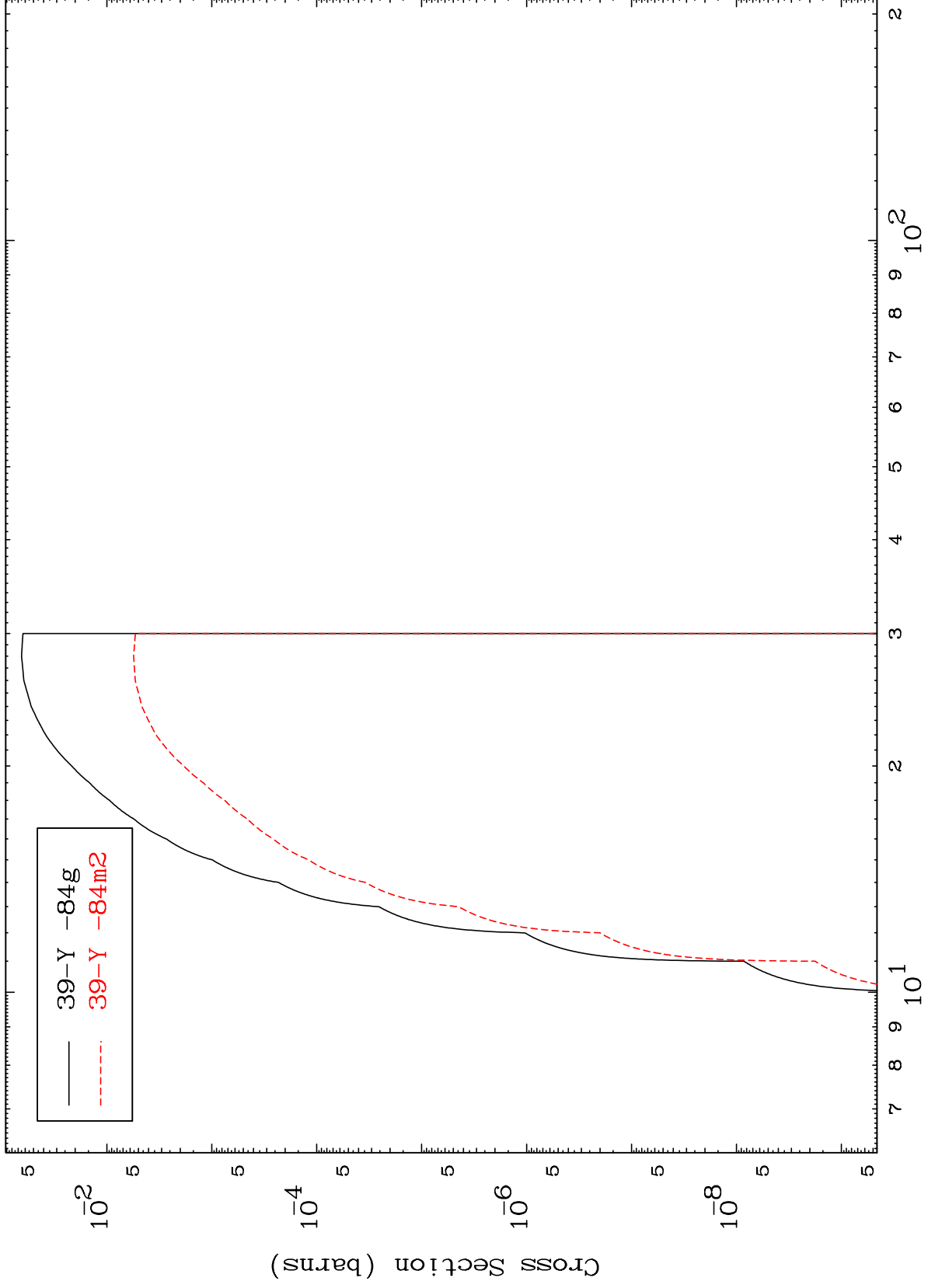


MAT 4011

(n,p) d

40-Zr-85m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

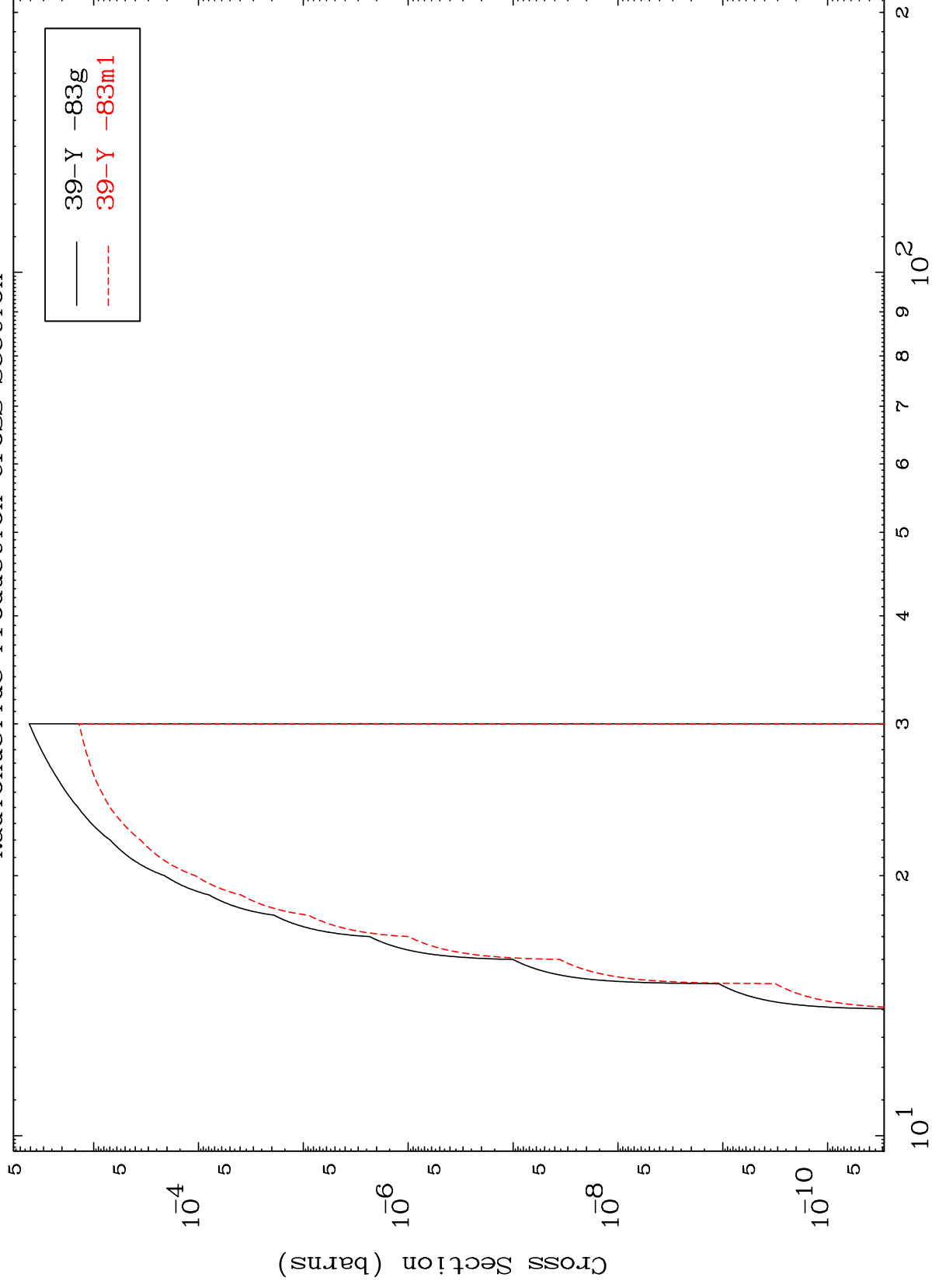
40-Zr-85m

MAT 4011

(n,p) t

40-Zr-85m

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-85m