

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

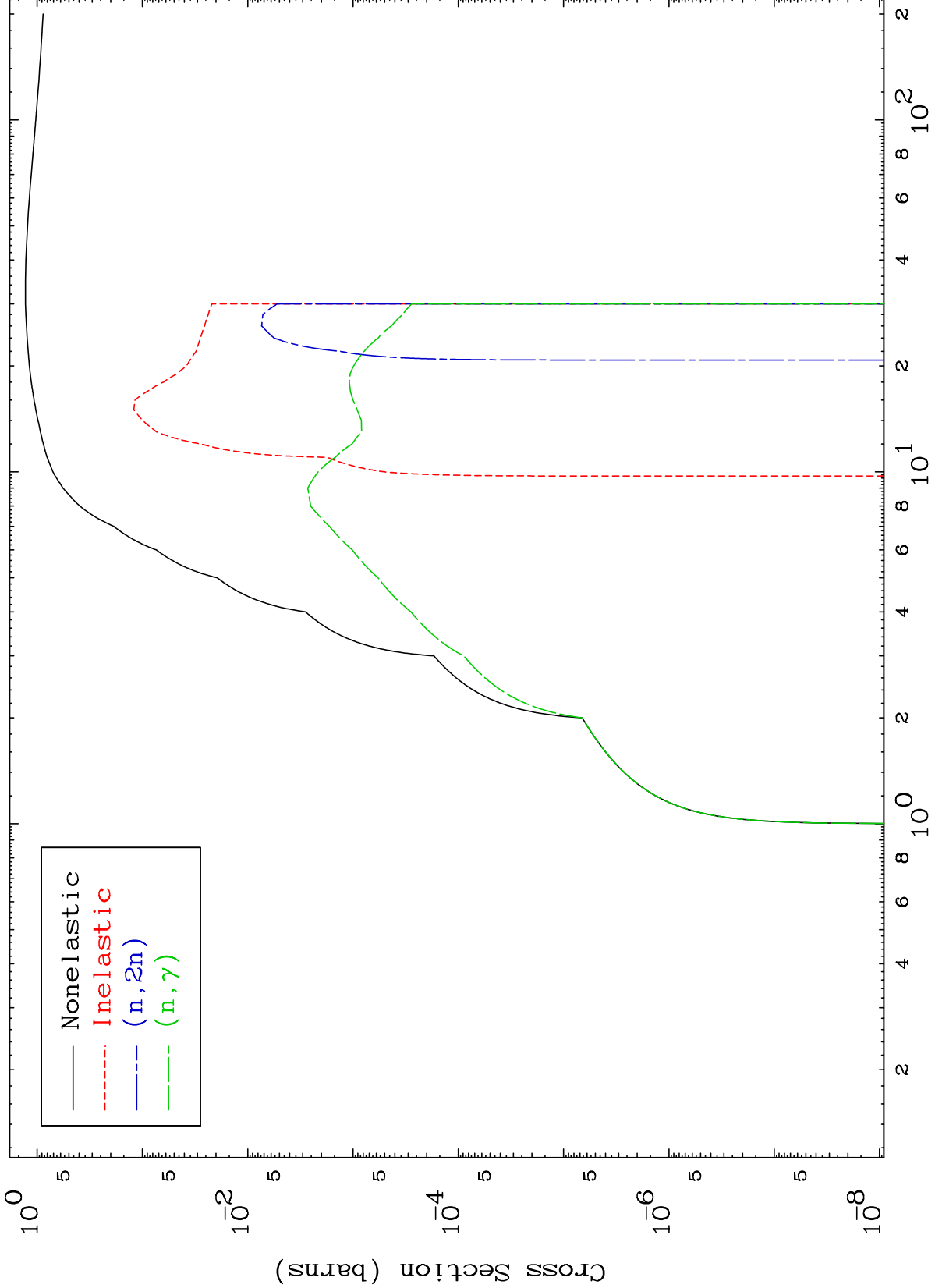
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4013

Proton Major  
0 Kelvin Cross Sections

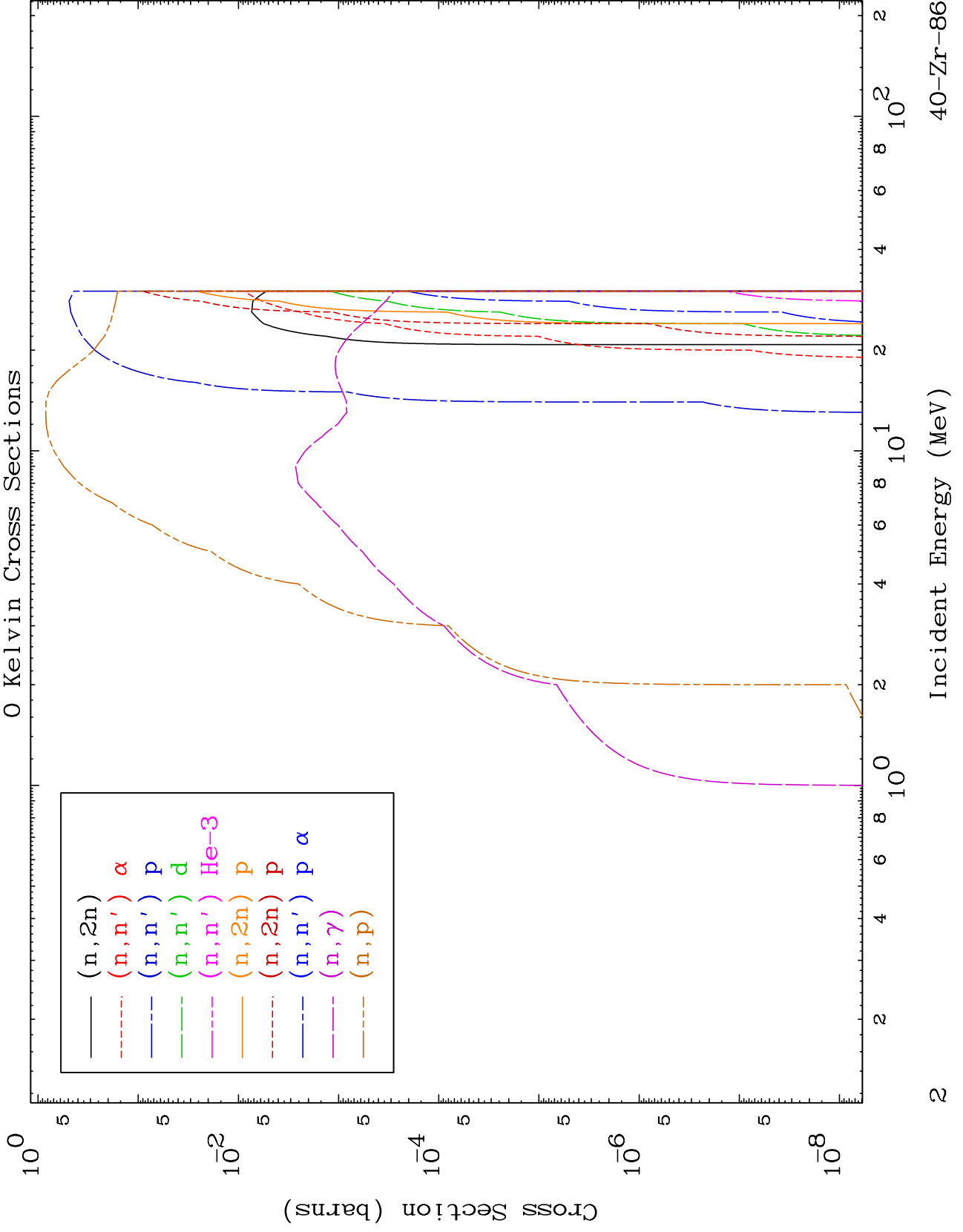
40-Zr-86

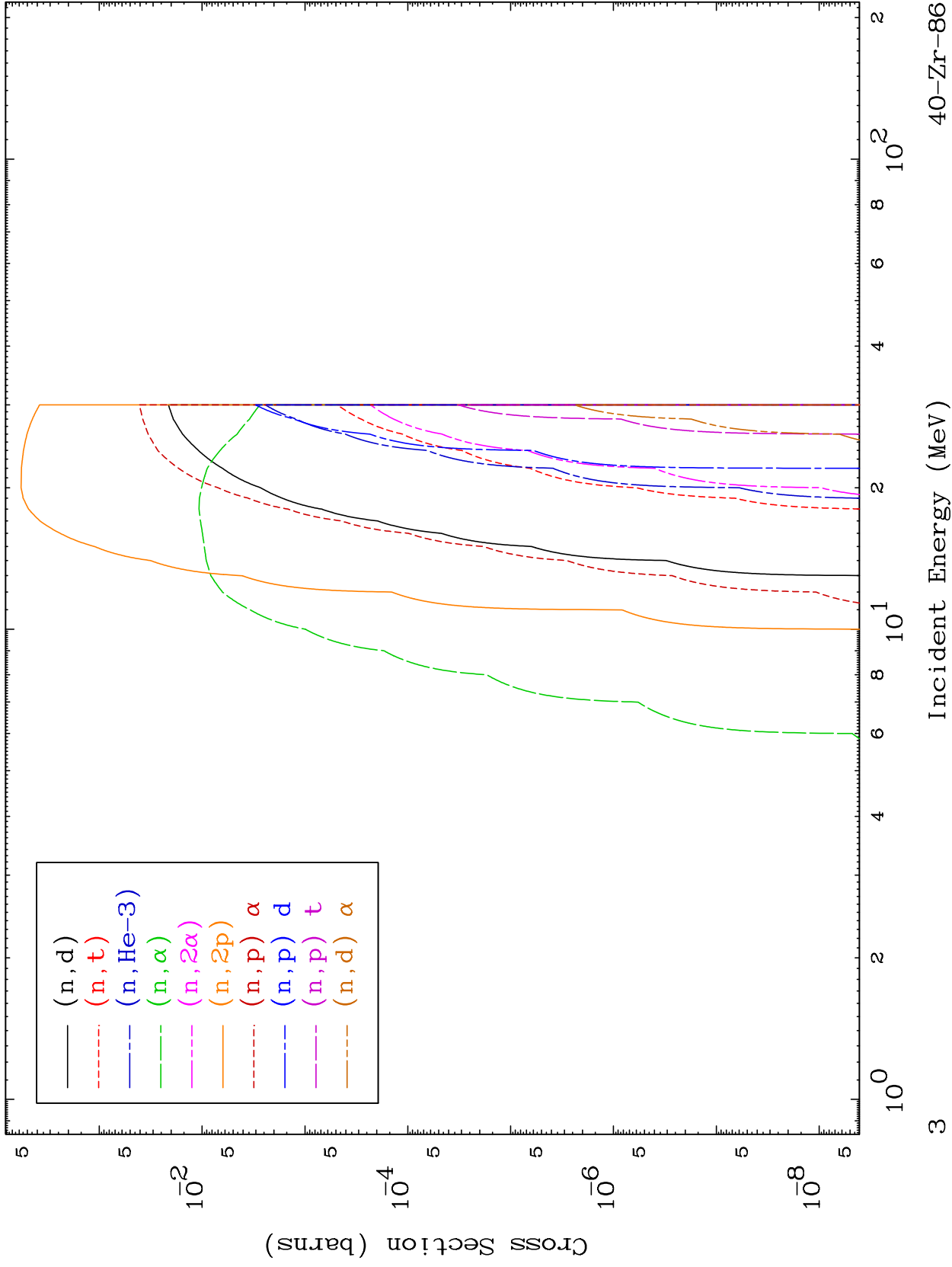


MAT 4013

Proton Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-86

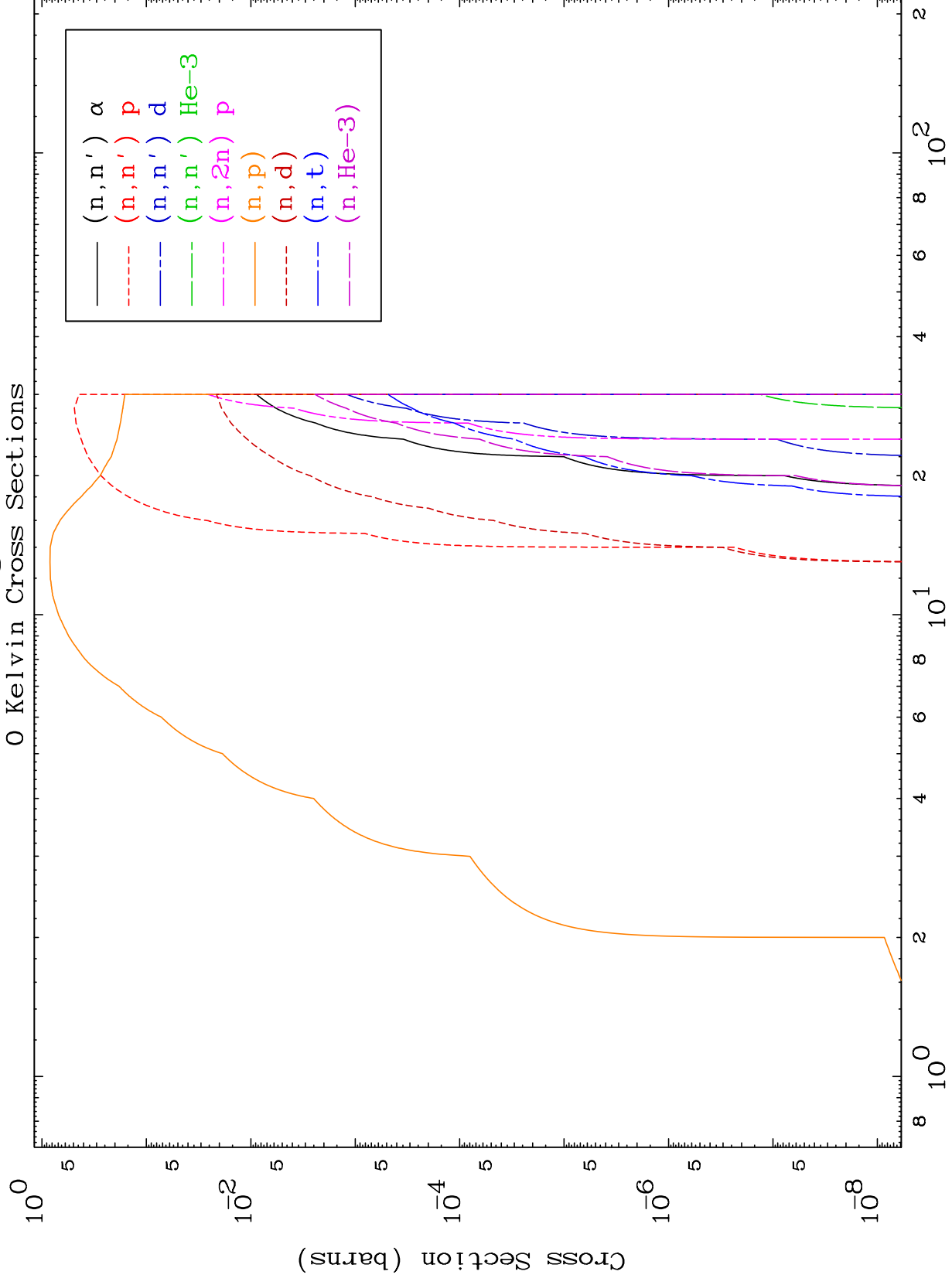




MAT 4013

Proton Charged Particle  
0 Kelvin Cross Sections

40-Zr-86



4

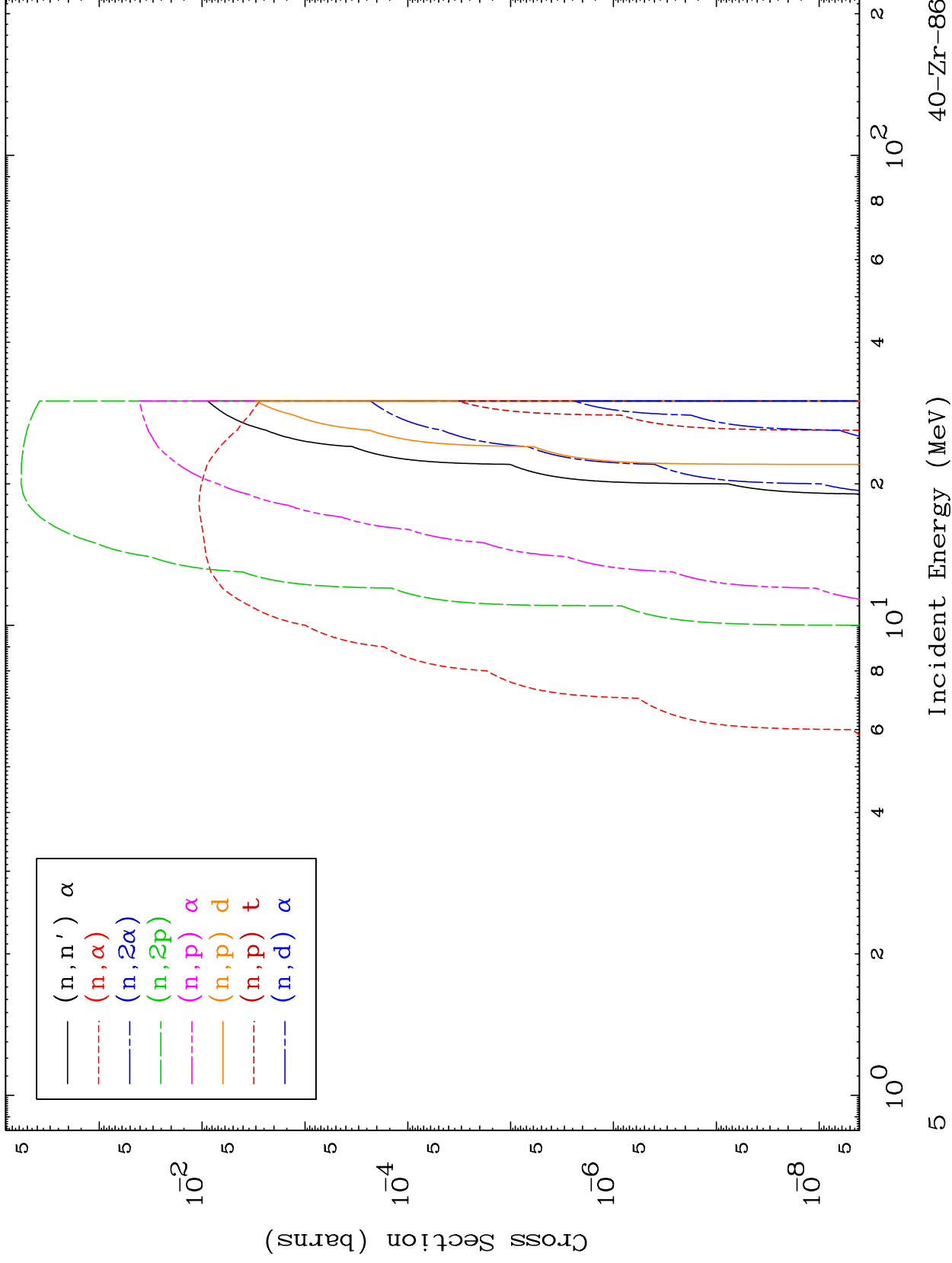
Incident Energy (MeV)

40-Zr-86

MAT 4013

Proton Charged Particle  
0 Kelvin Cross Sections

40-Zr-86

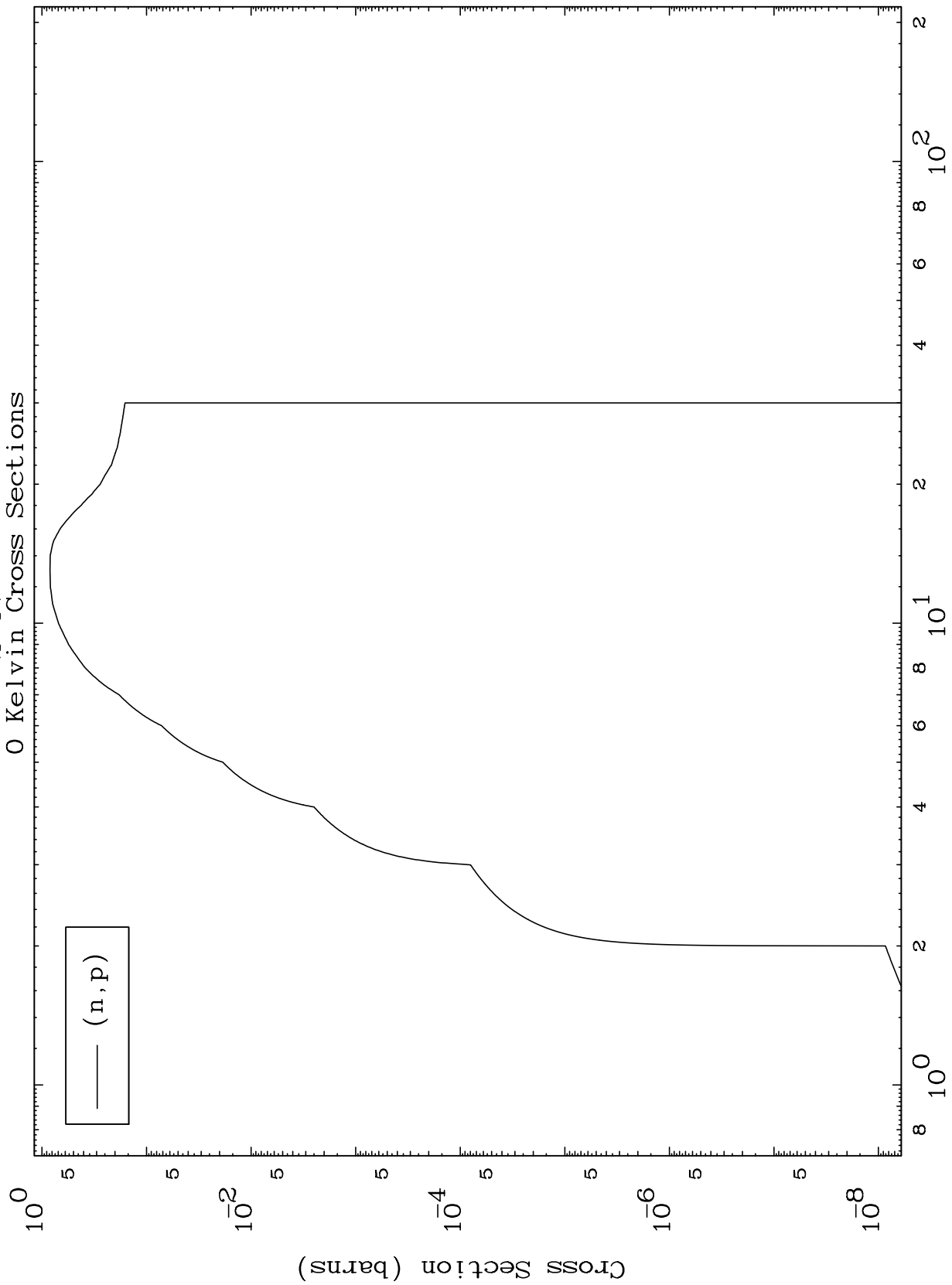


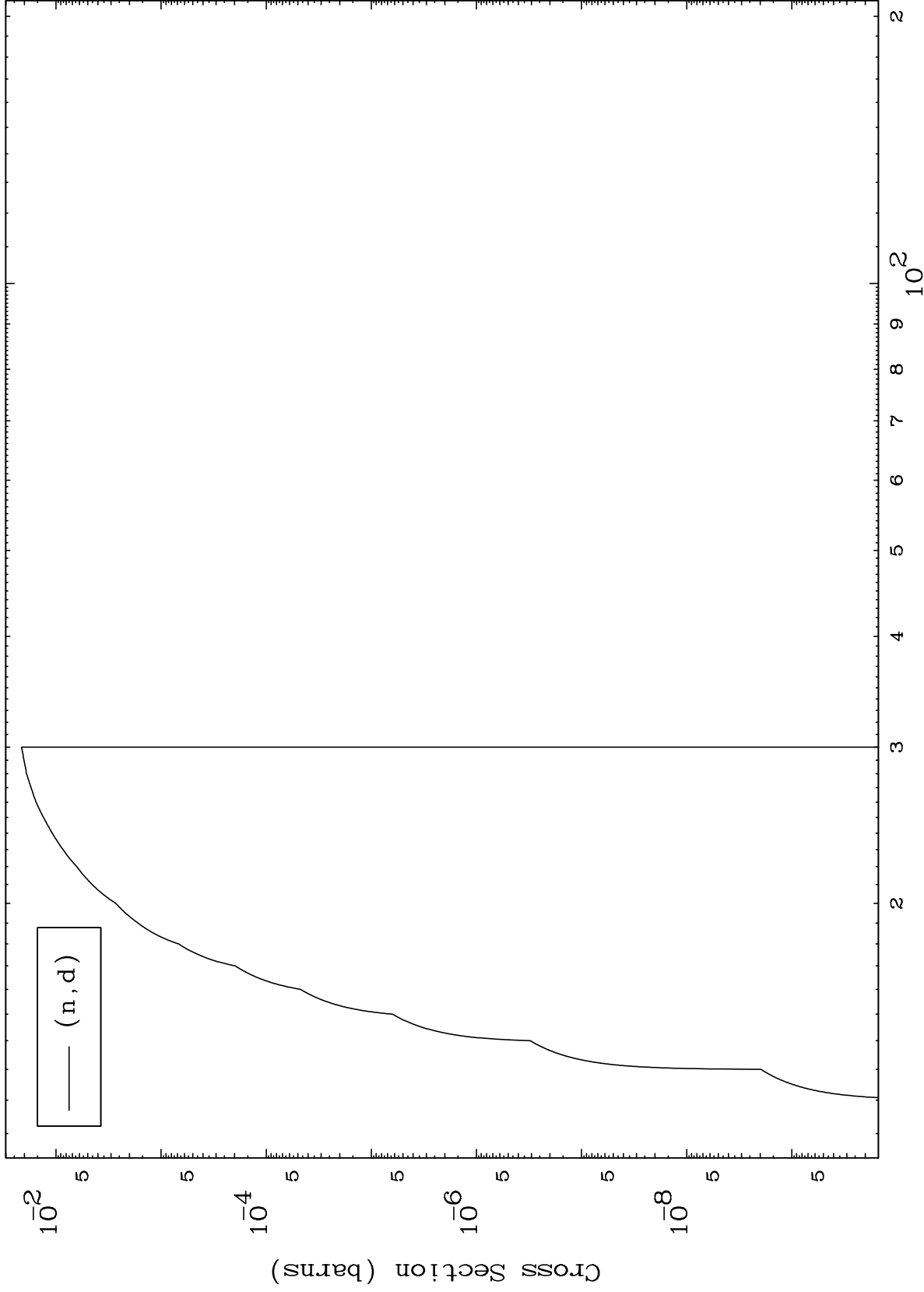
40-Zr-86

MAT 4013

(p,p) Levels

40-Zr-86



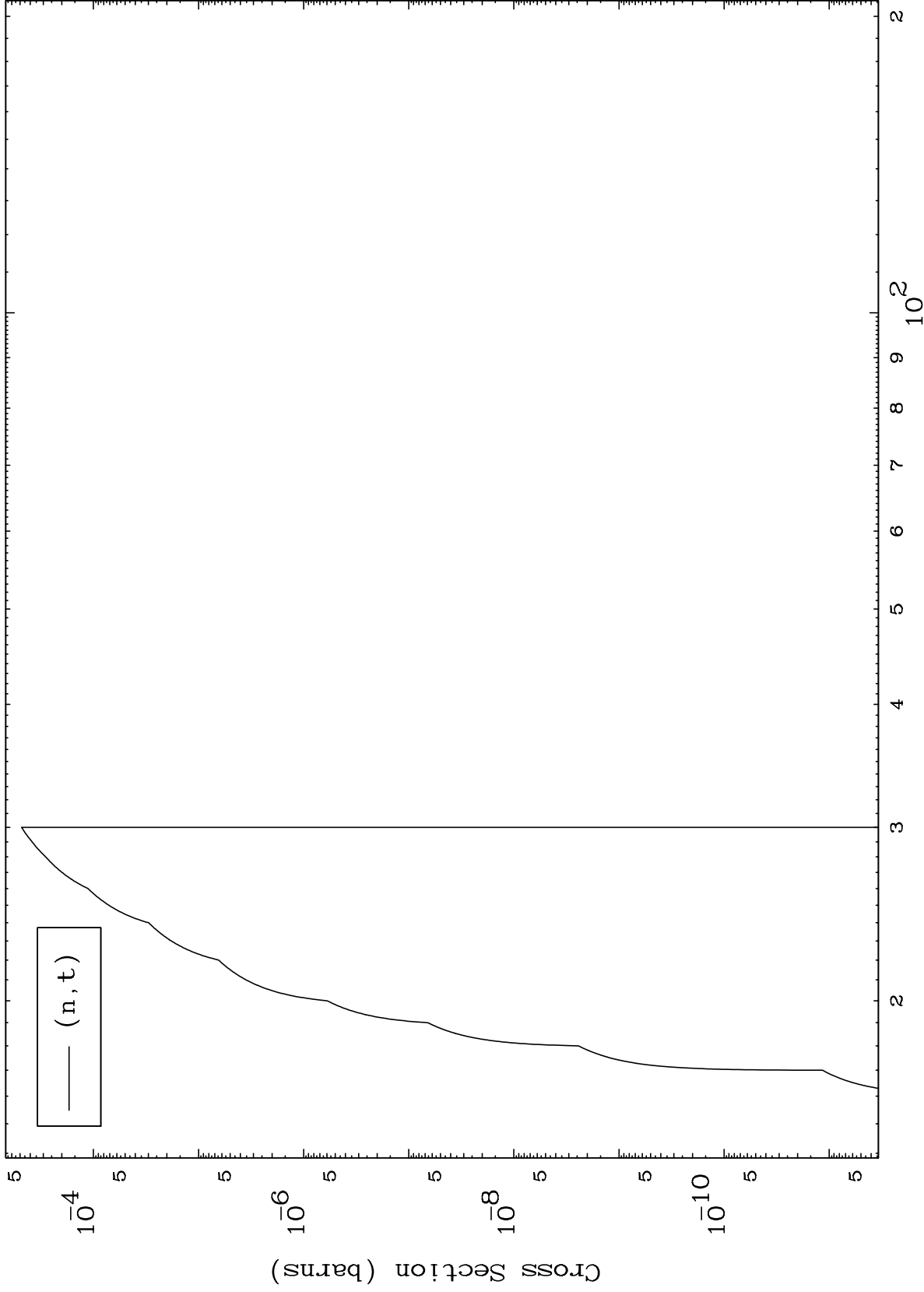




MAT 4013

(p,t) Levels  
0 Kelvin Cross Sections

40-Zr-86

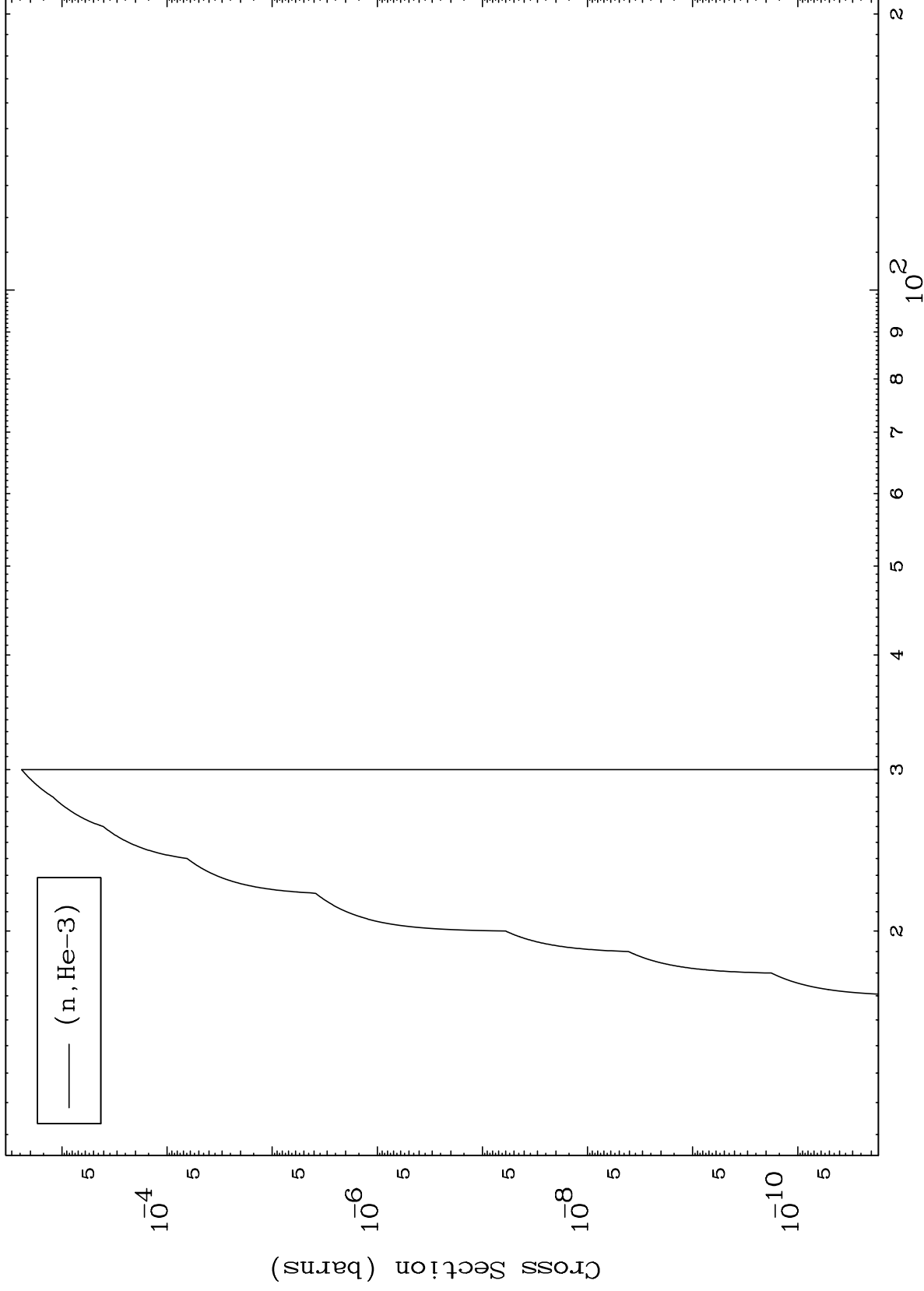


8

Incident Energy (MeV)

40-Zr-86

0 Kelvin Cross Sections

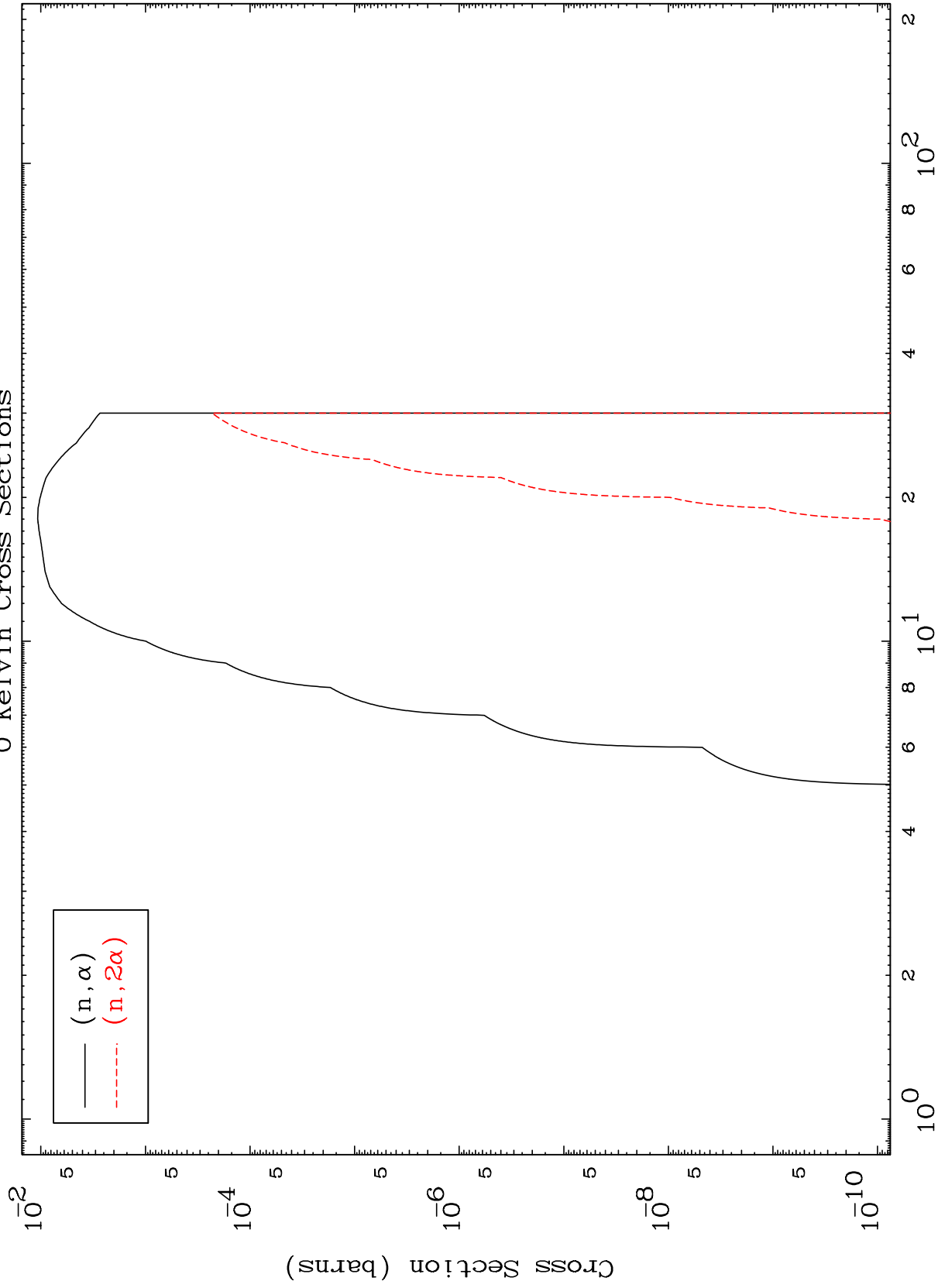


MAT 4013

(p,  $\alpha$ ) Levels

40-Zr-86

0 Kelvin Cross Sections



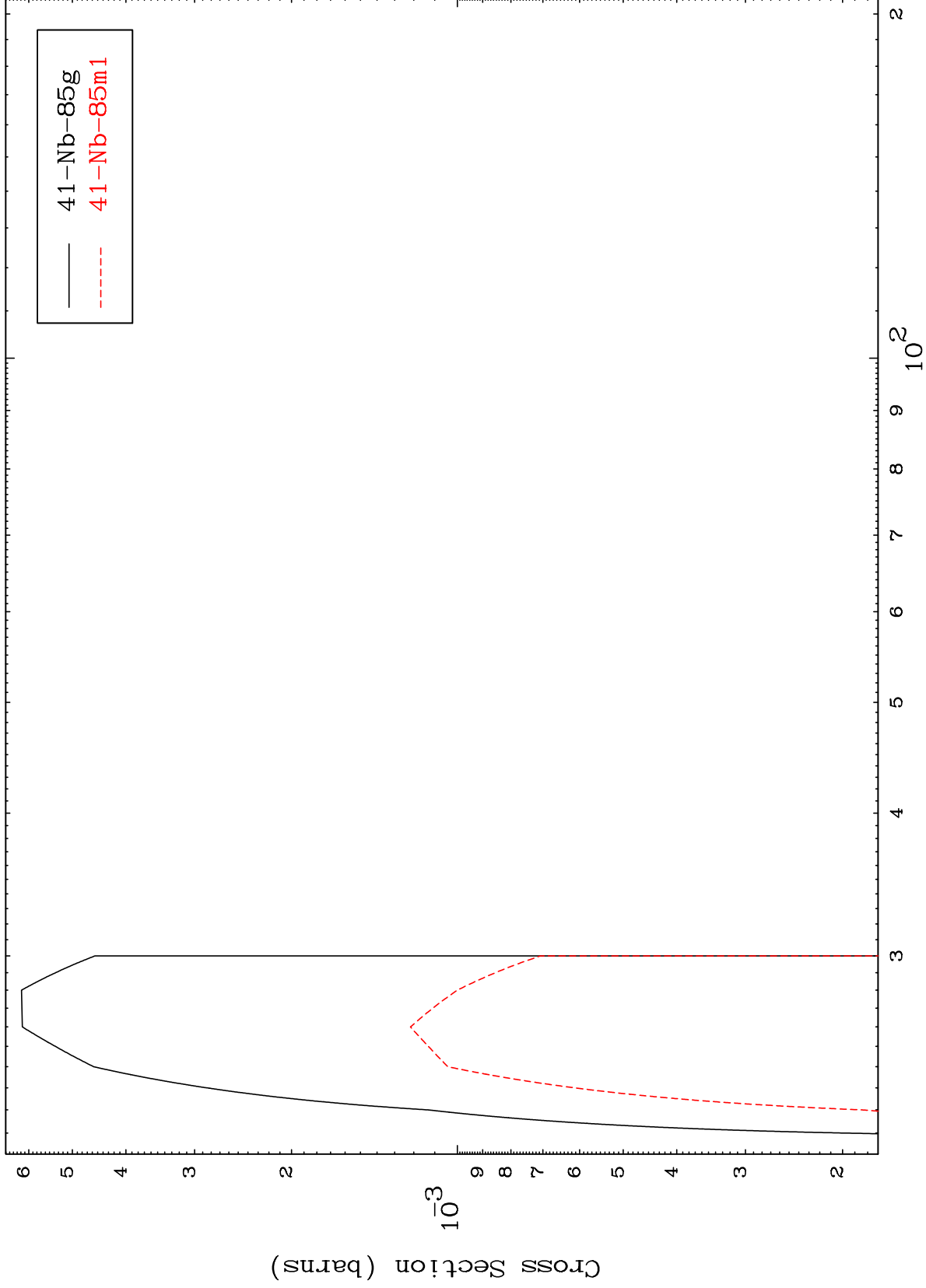
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

(n,2n)  
Radionuclide Production Cross Section



40-Zr-86

Incident Energy (MeV)

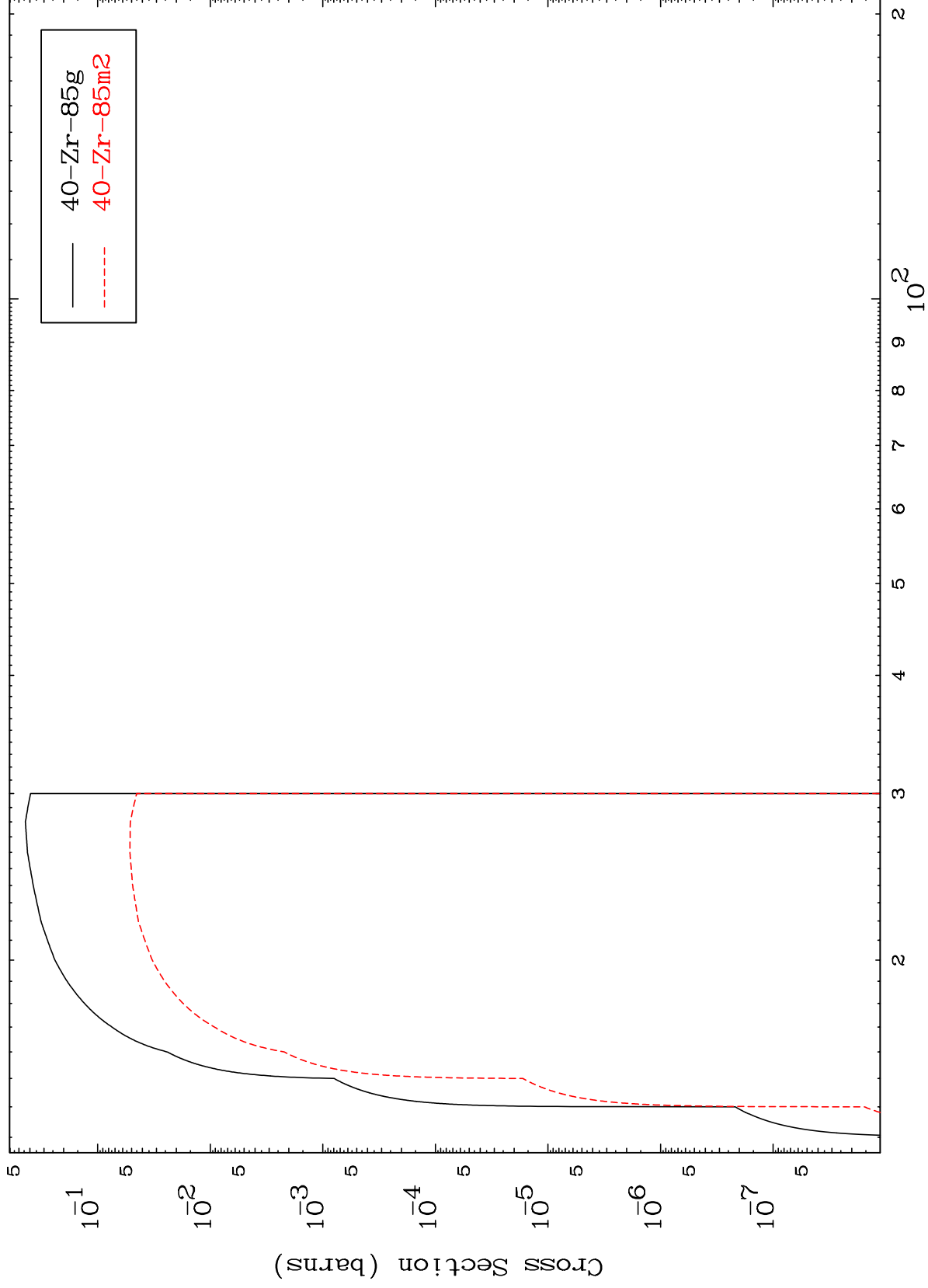
11

MAT 4013

(n,n') p

40-Zr-86

Radionuclide Production Cross Section



12

Incident Energy (MeV)

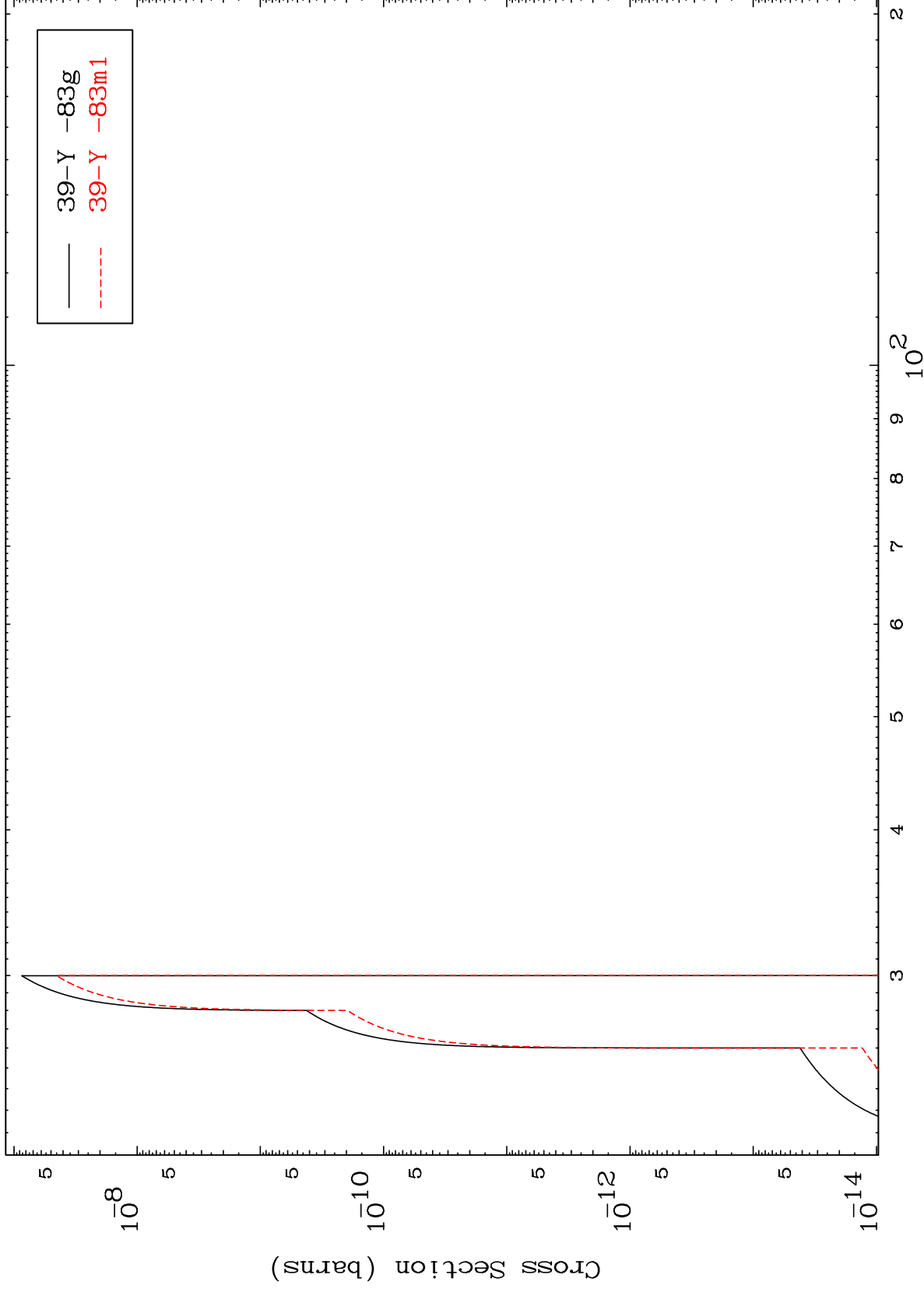
40-Zr-86

MAT 4013

(n,n') He-3

40-Zr-86

Radionuclide Production Cross Section



13

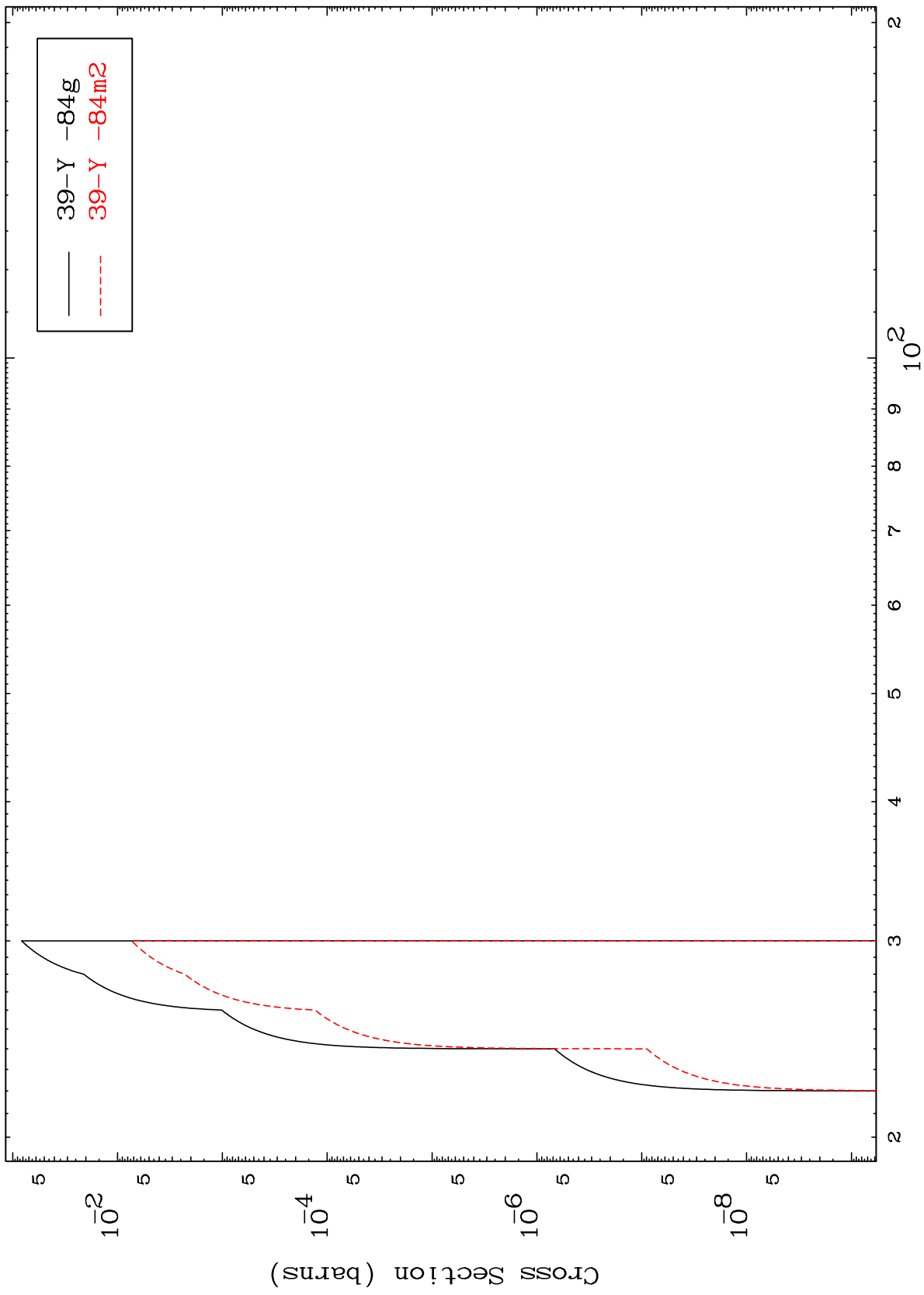
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

(n,2n) p  
Radionuclide Production Cross Section



40-Zr-86

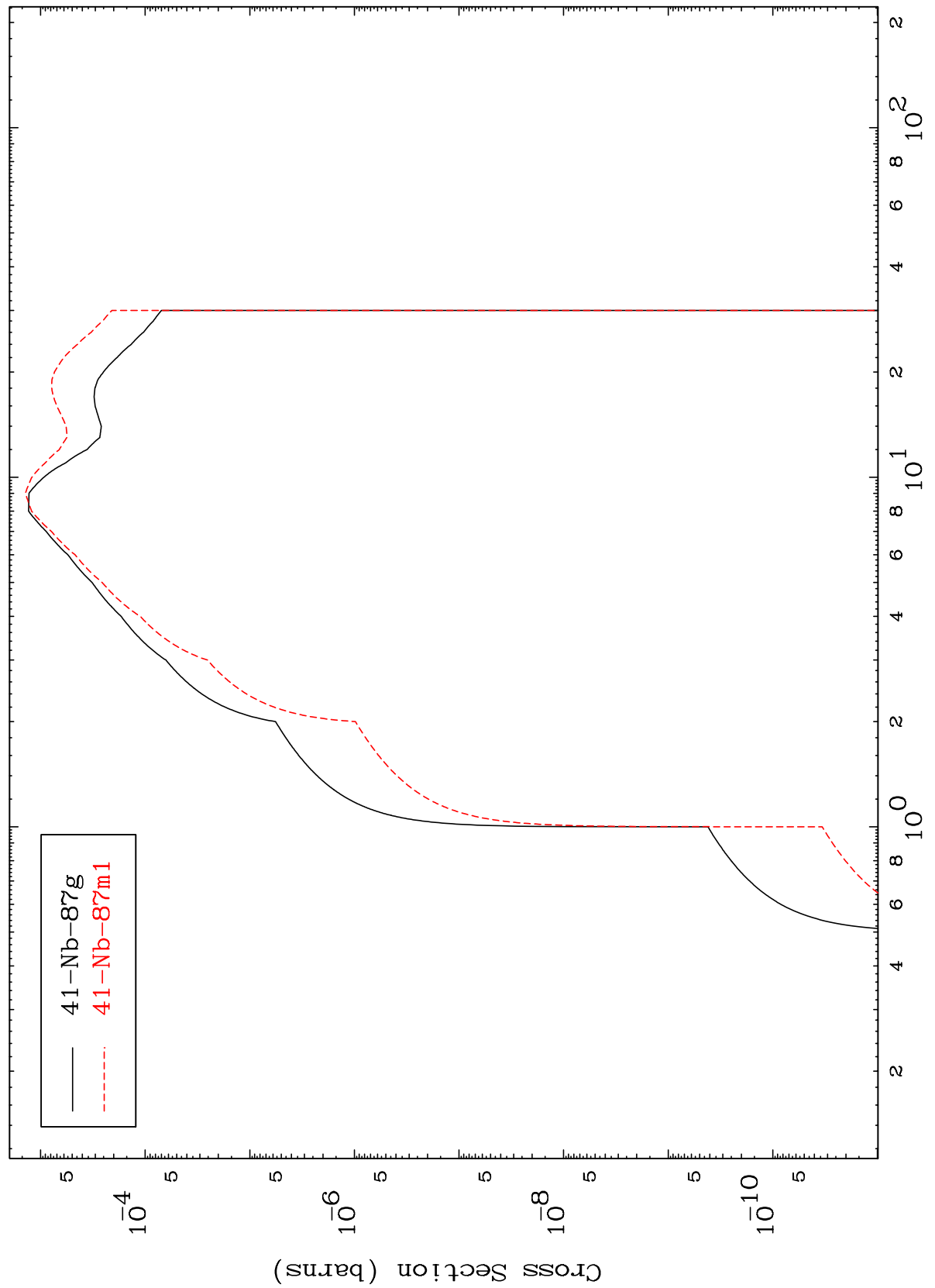
Incident Energy (MeV)

14

MAT 4013

40-Zr-86

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



— 41-Nb-87g  
- - - 41-Nb-87m1

15

Incident Energy (MeV)

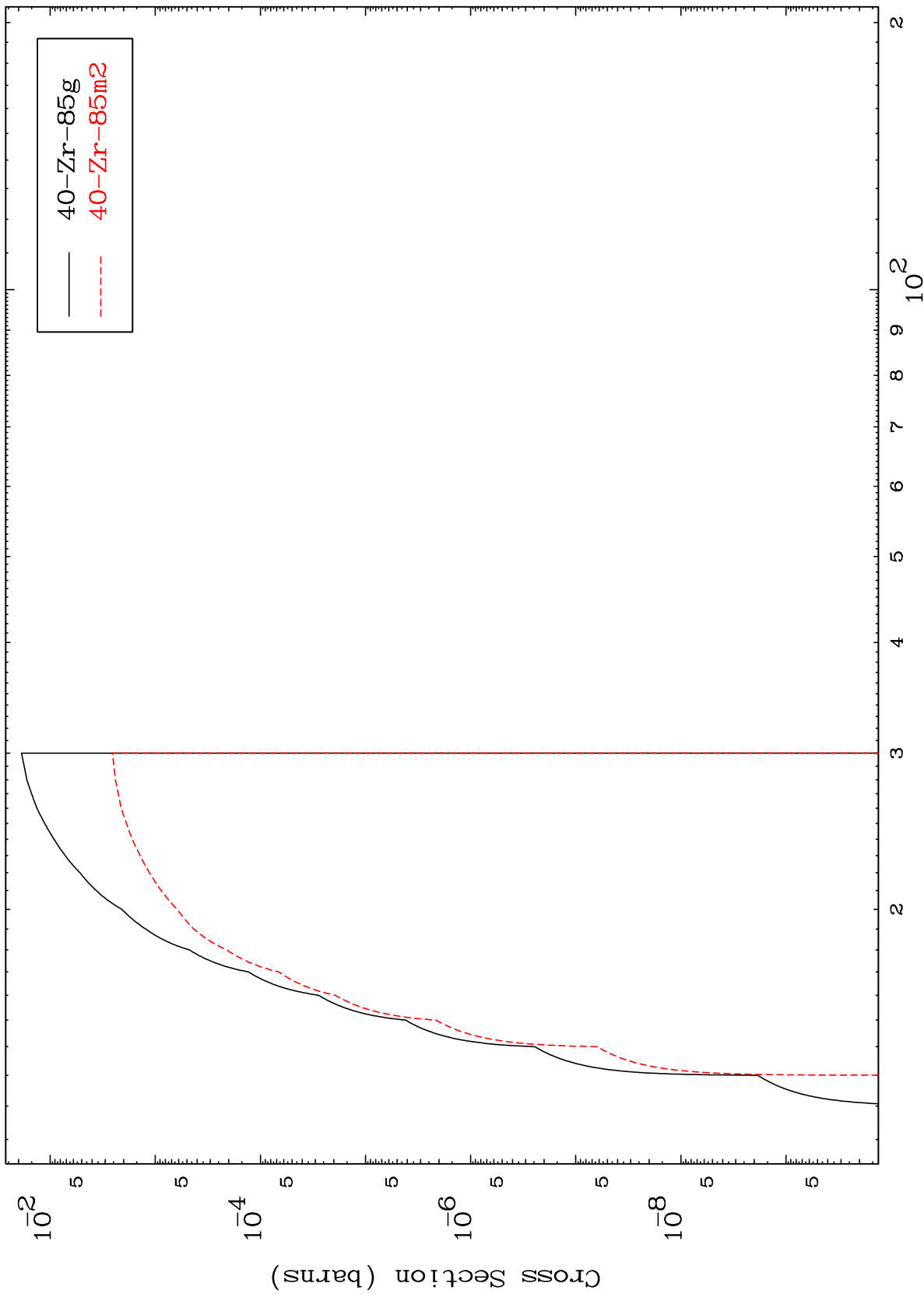
40-Zr-86



MAT 4013

40-Zr-86

(n,d)  
Radionuclide Production Cross Section



16

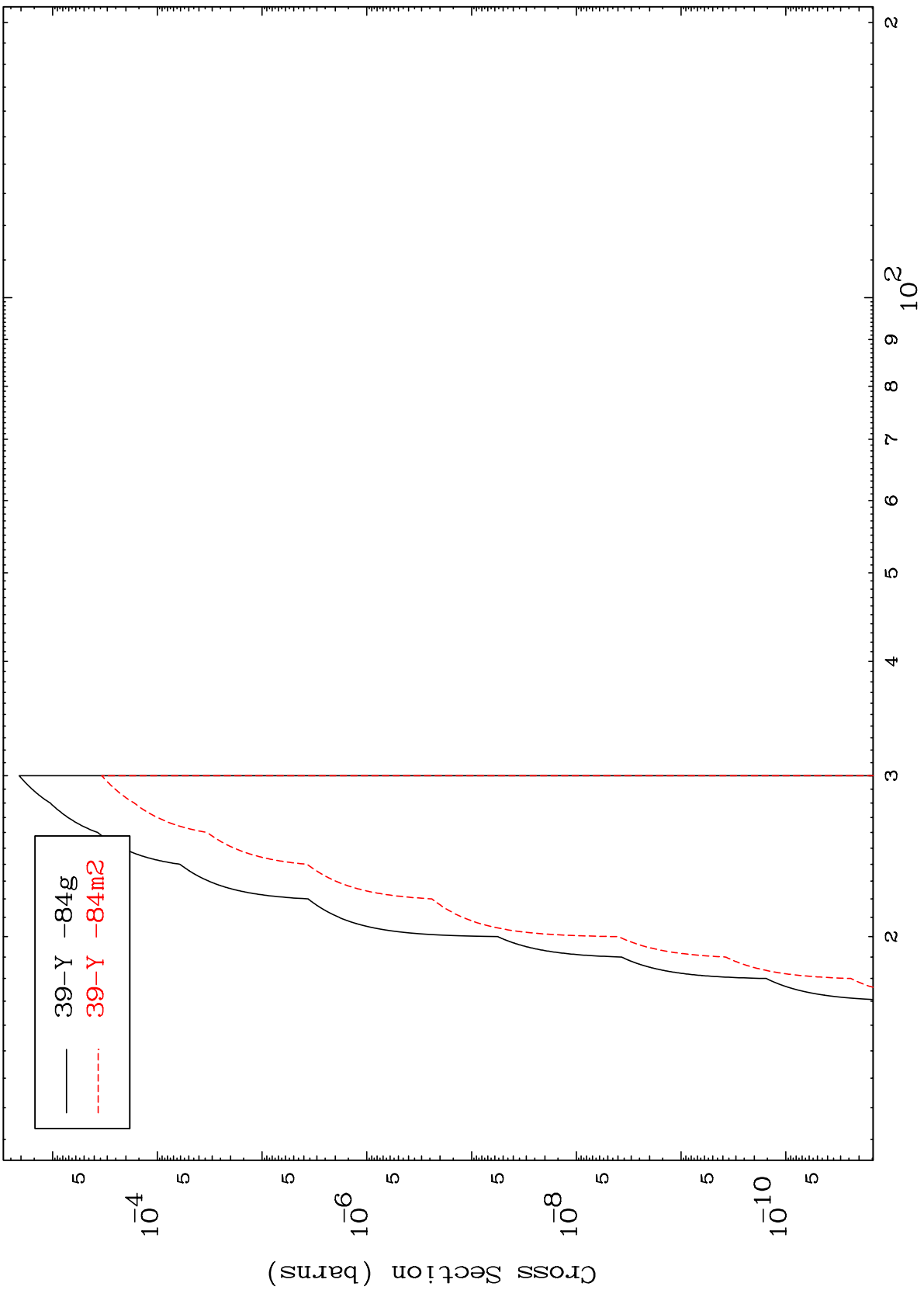
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

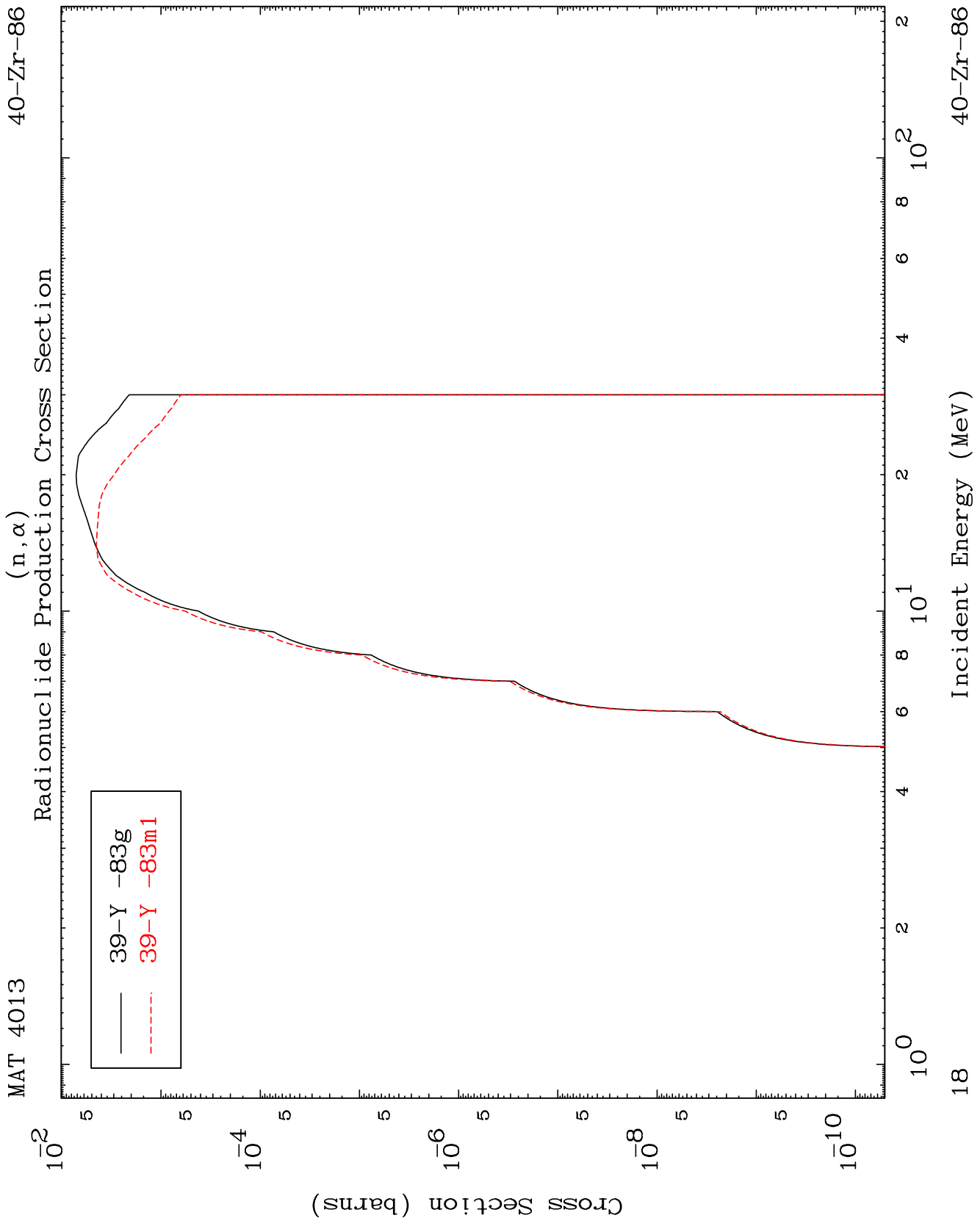
Radionuclide Production Cross Section  
(n,He-3)



17

Incident Energy (MeV)

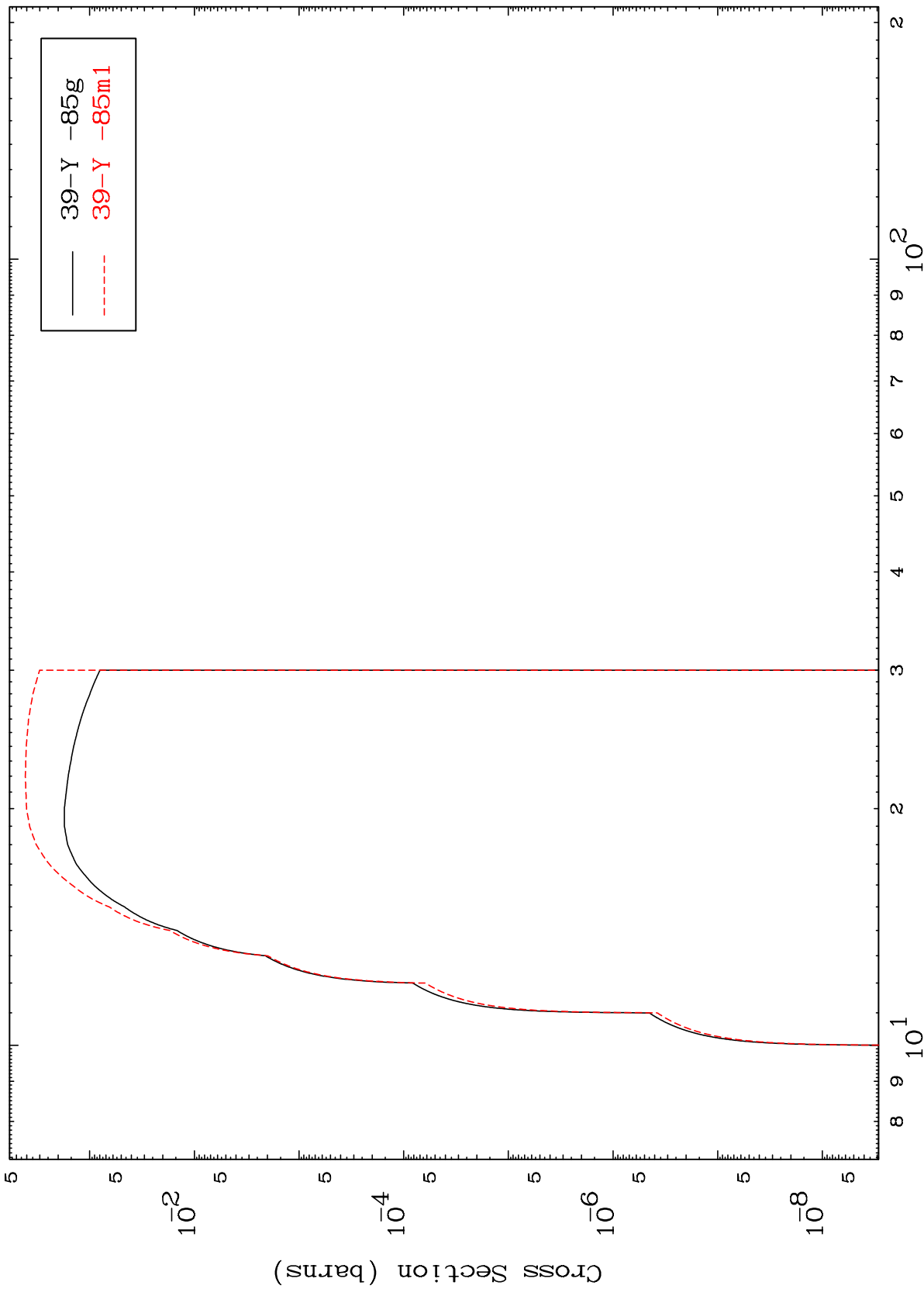
40-Zr-86



MAT 4013

40-Zr-86

(n,2p)  
Radionuclide Production Cross Section

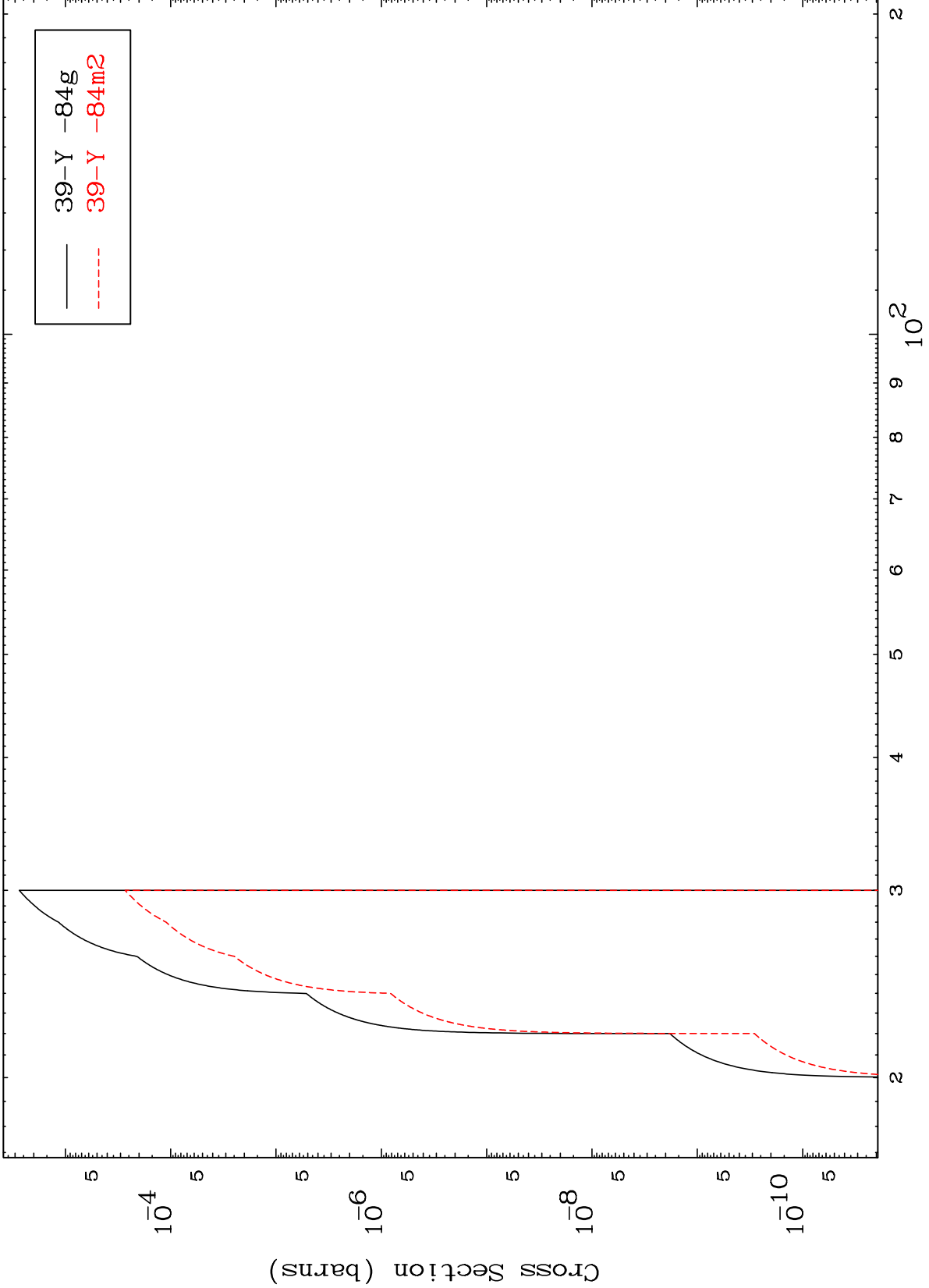


19

Incident Energy (MeV)

40-Zr-86

Radionuclide Production Cross Section



39-Y -84g  
39-Y -84m2

MAT 4013

(n,p) t

40-Zr-86

Radionuclide Production Cross Section

