

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

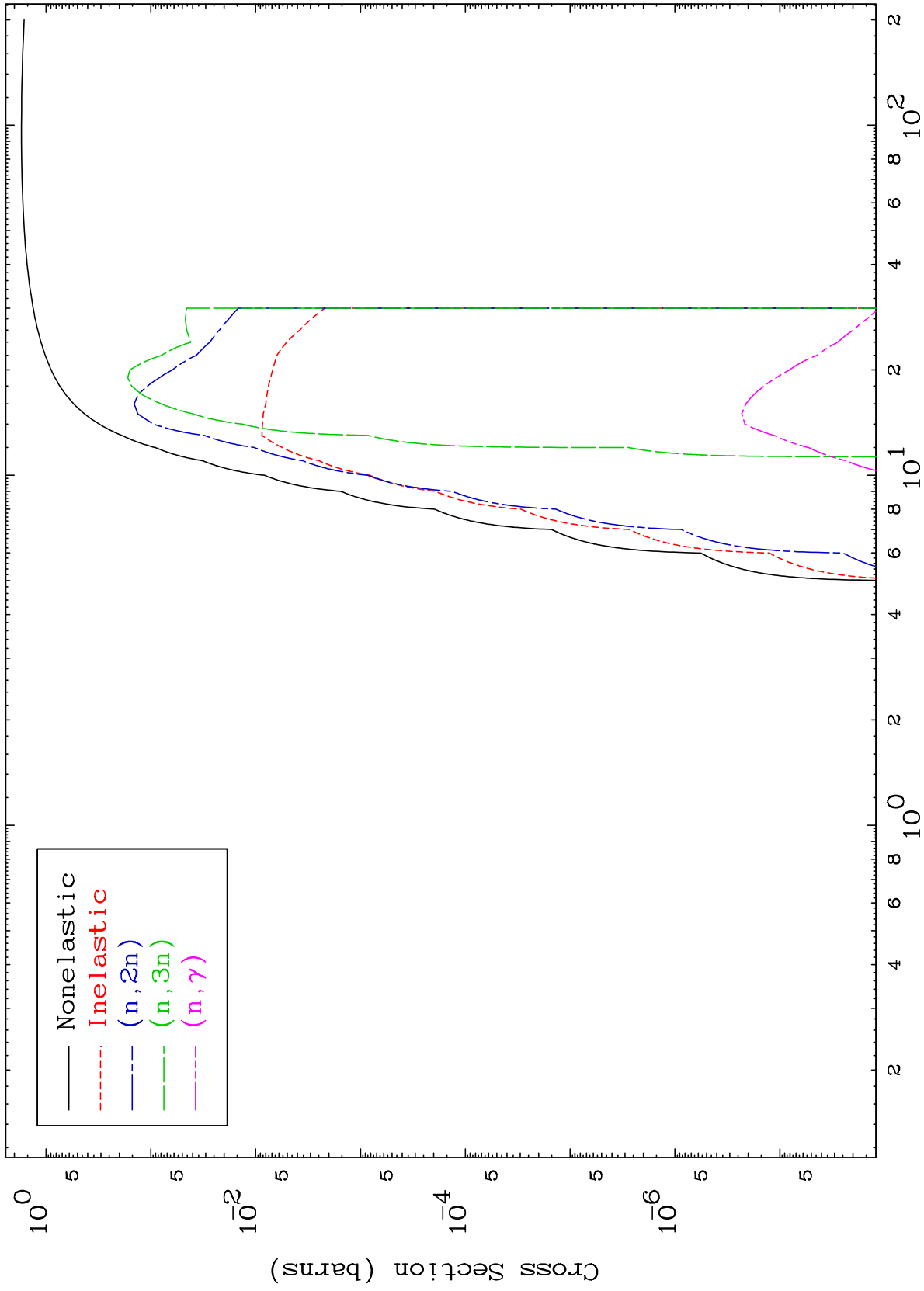
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4031

He-3 Major  
0 Kelvin Cross Sections

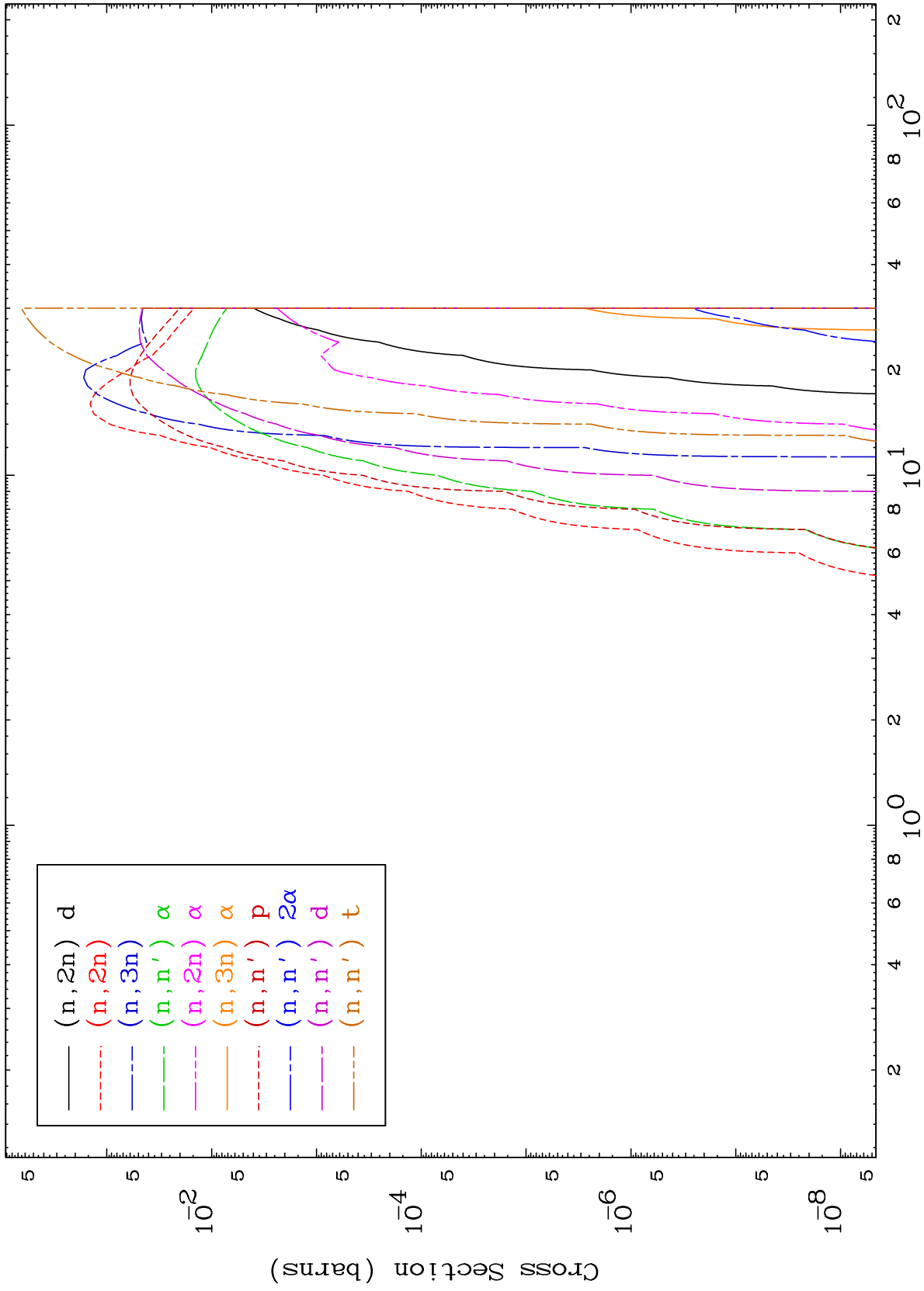
40-Zr-92



MAT 4031

He-3 Neutron Absorption  
0 Kelvin Cross Sections

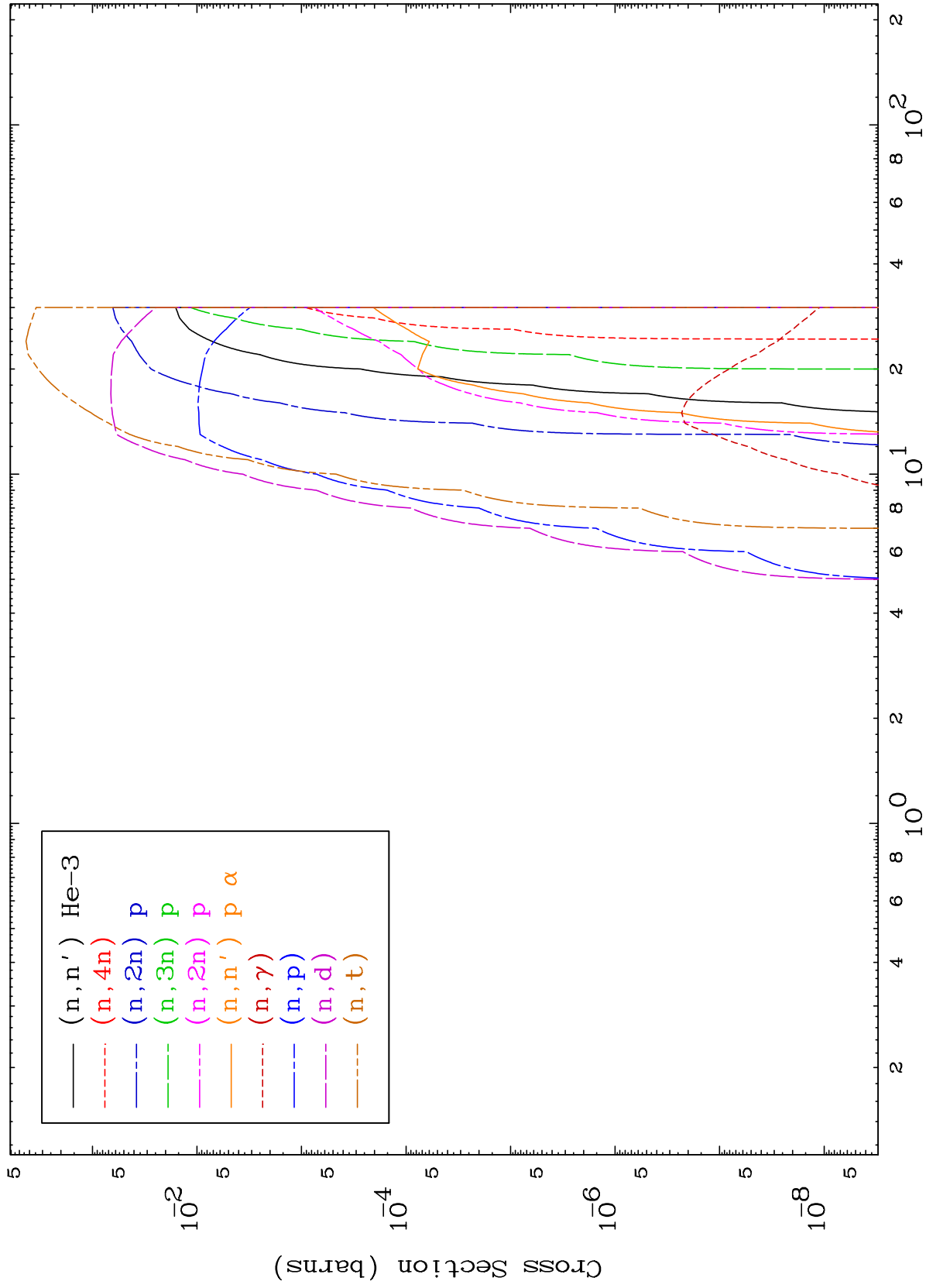
40-Zr-92



MAT 4031

He-3 Neutron Absorption  
0 Kelvin Cross Sections

40-Zr-92



3

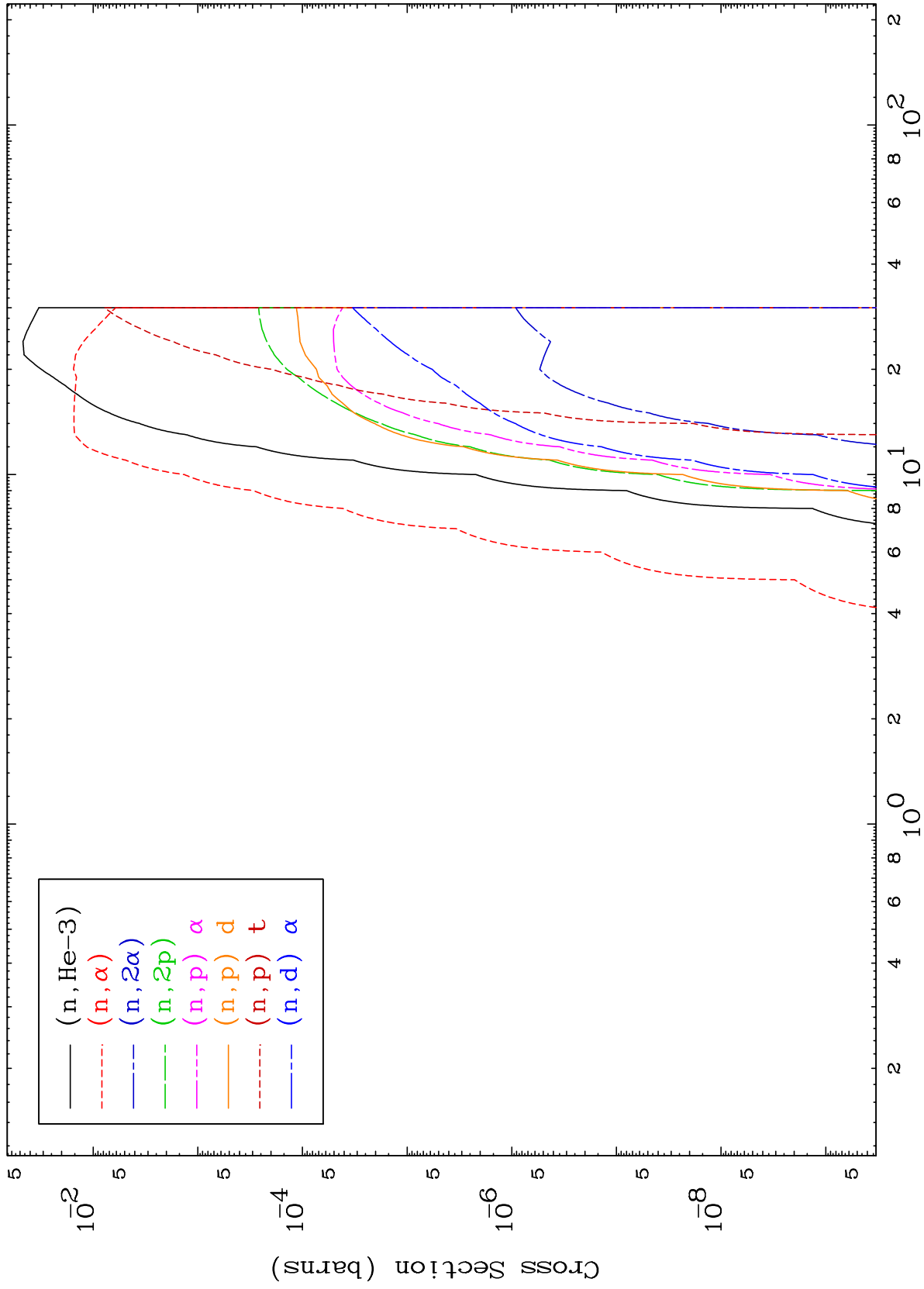
Incident Energy (MeV)

40-Zr-92

MAT 4031

He-3 Neutron Absorption  
0 Kelvin Cross Sections

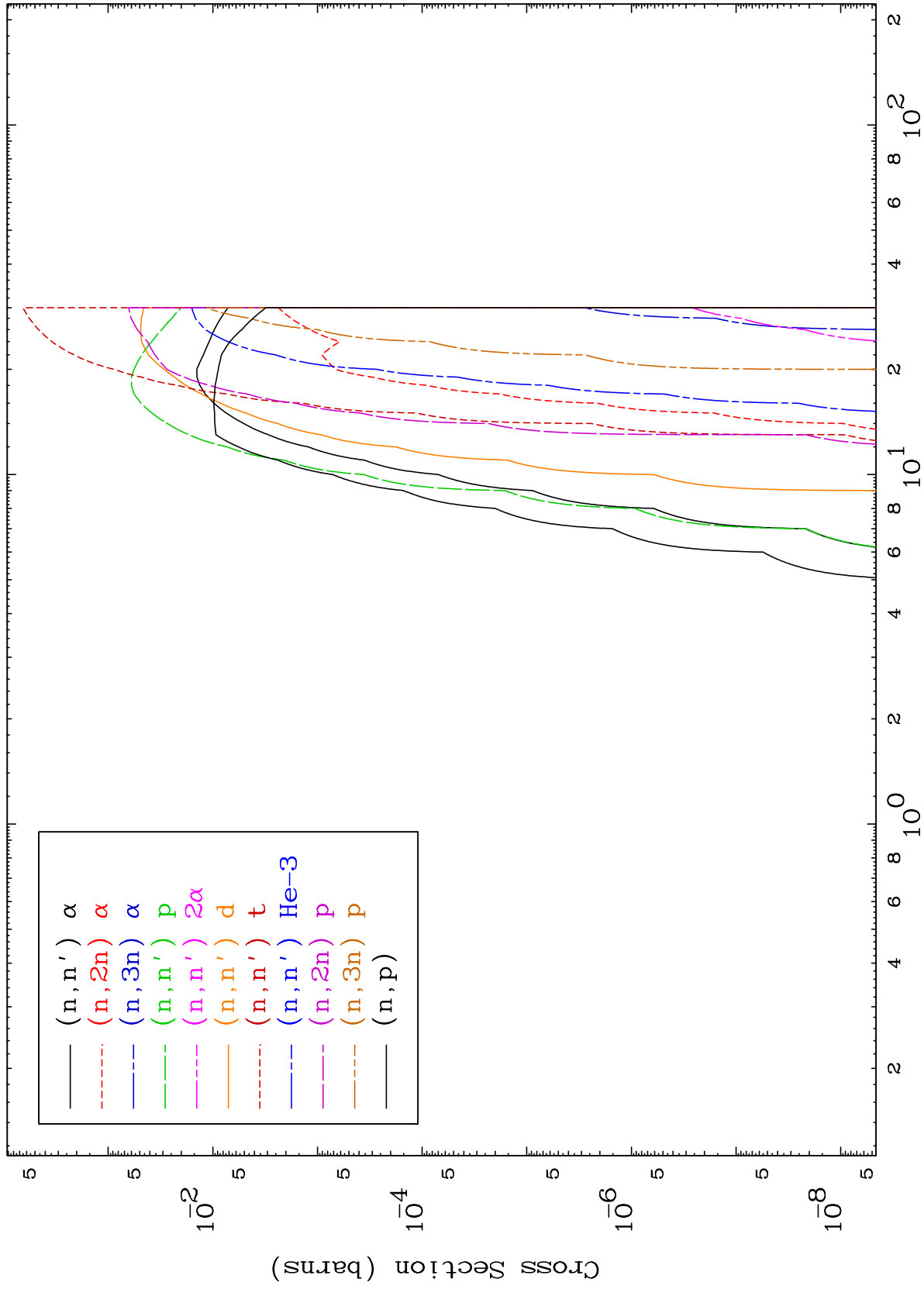
40-Zr-92



MAT 4031

He-3 Charged Particle  
0 Kelvin Cross Sections

40-Zr-92



5

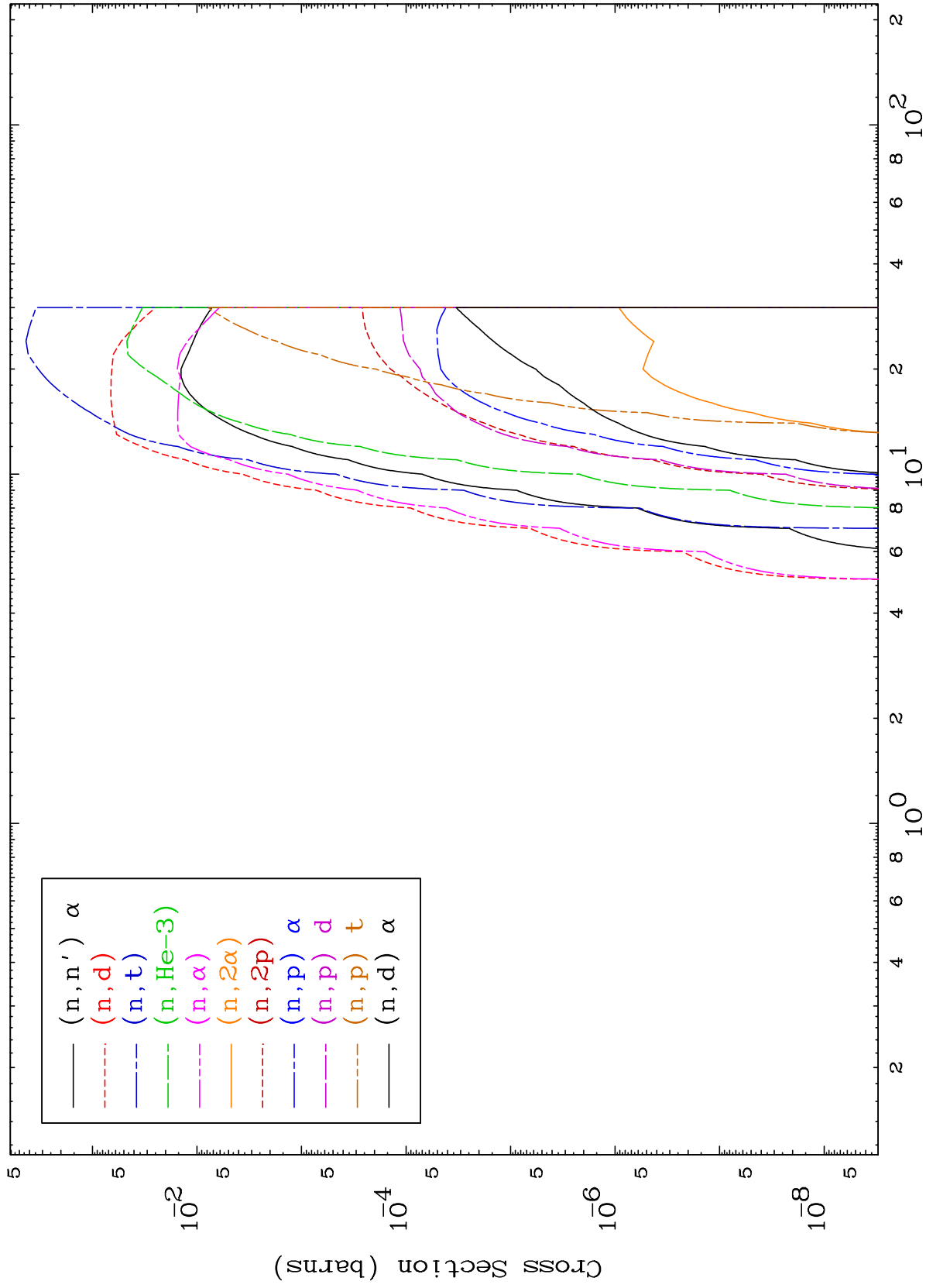
Incident Energy (MeV)

40-Zr-92

MAT 4031

He-3 Charged Particle  
0 Kelvin Cross Sections

40-Zr-92



6

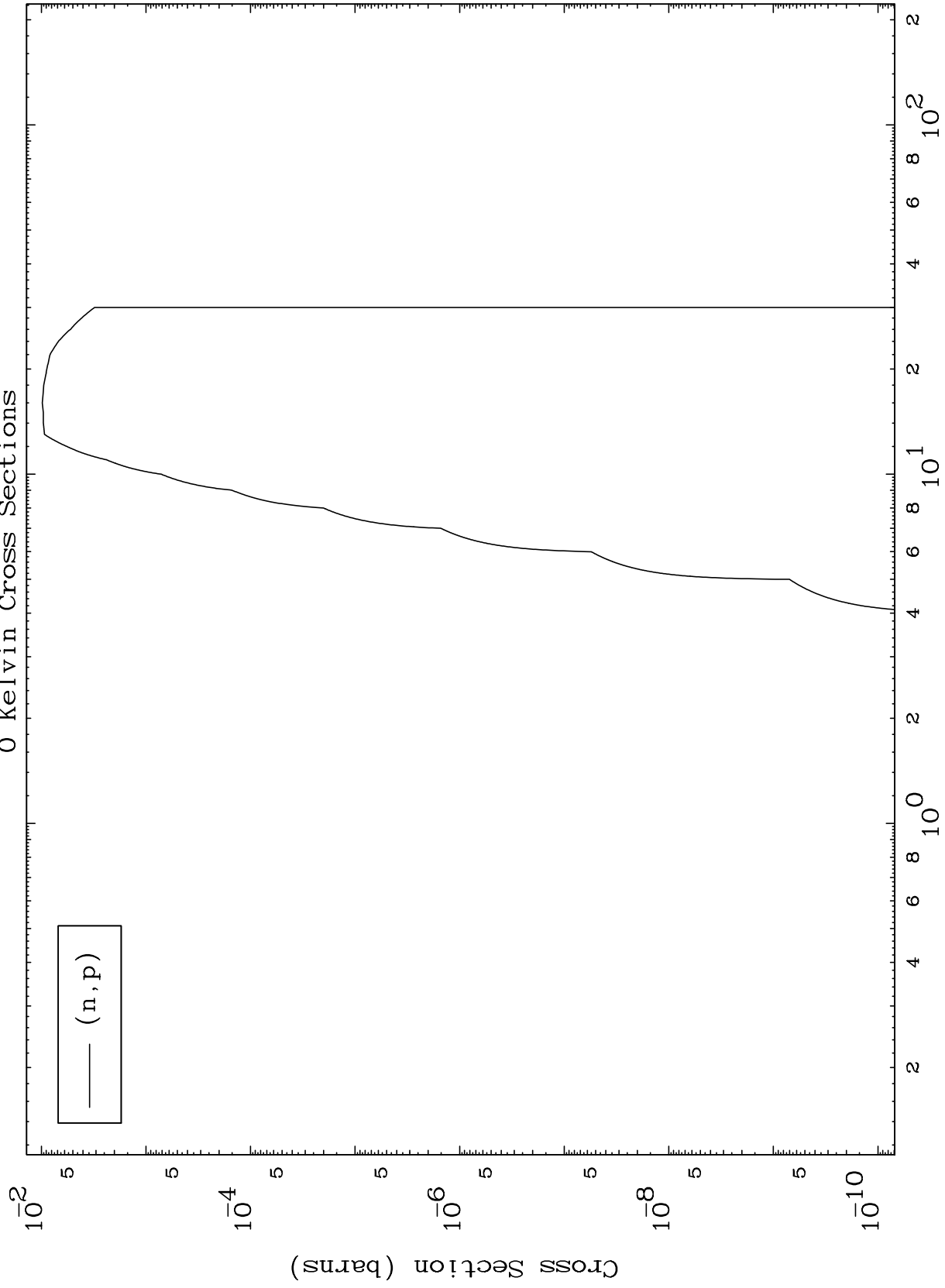
Incident Energy (MeV)

40-Zr-92

MAT 4031

(He-3,p) Levels  
0 Kelvin Cross Sections

40-Zr-92



7

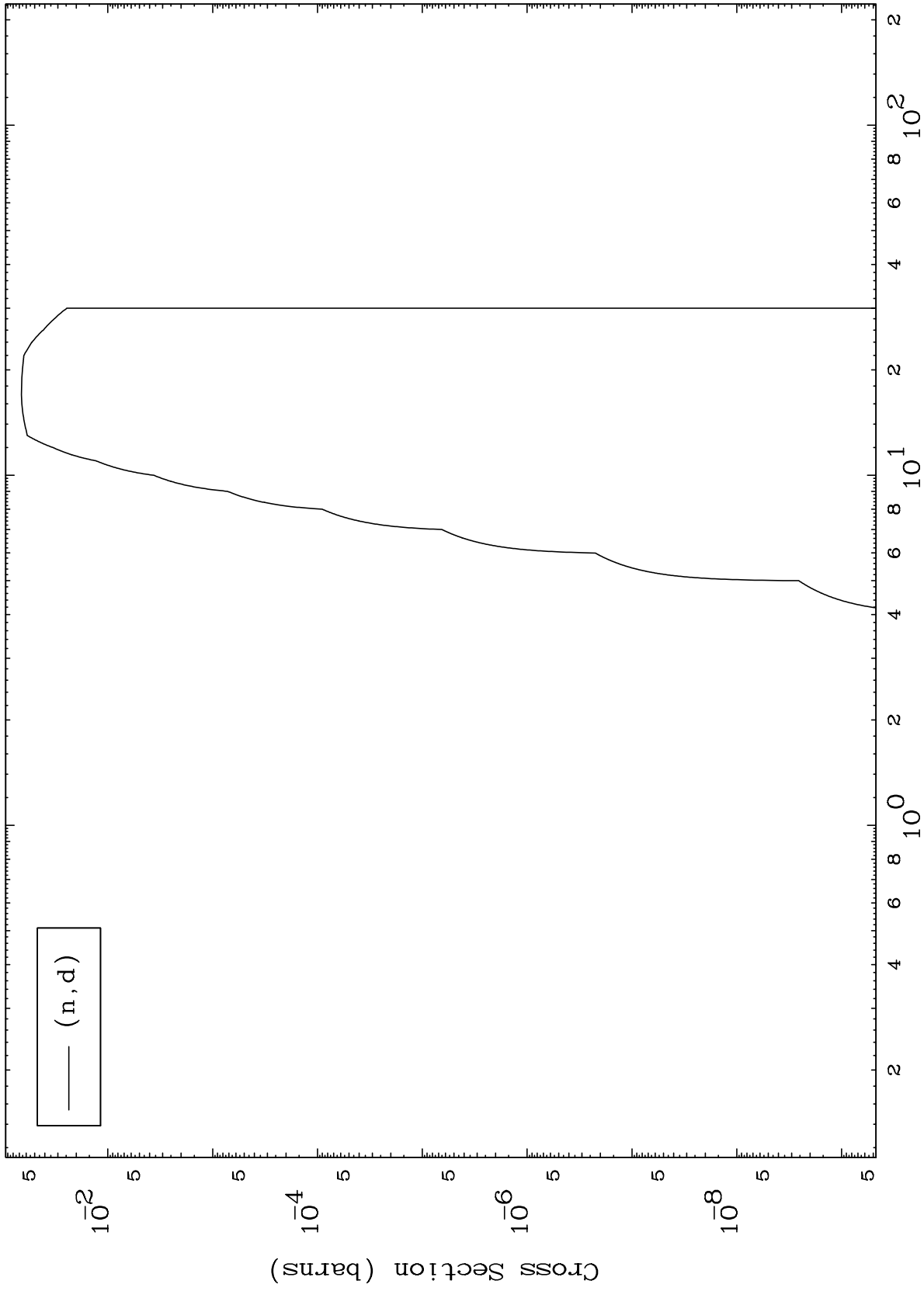
Incident Energy (MeV)

40-Zr-92

MAT 4031

(He-3,d) Levels  
0 Kelvin Cross Sections

40-Zr-92



8

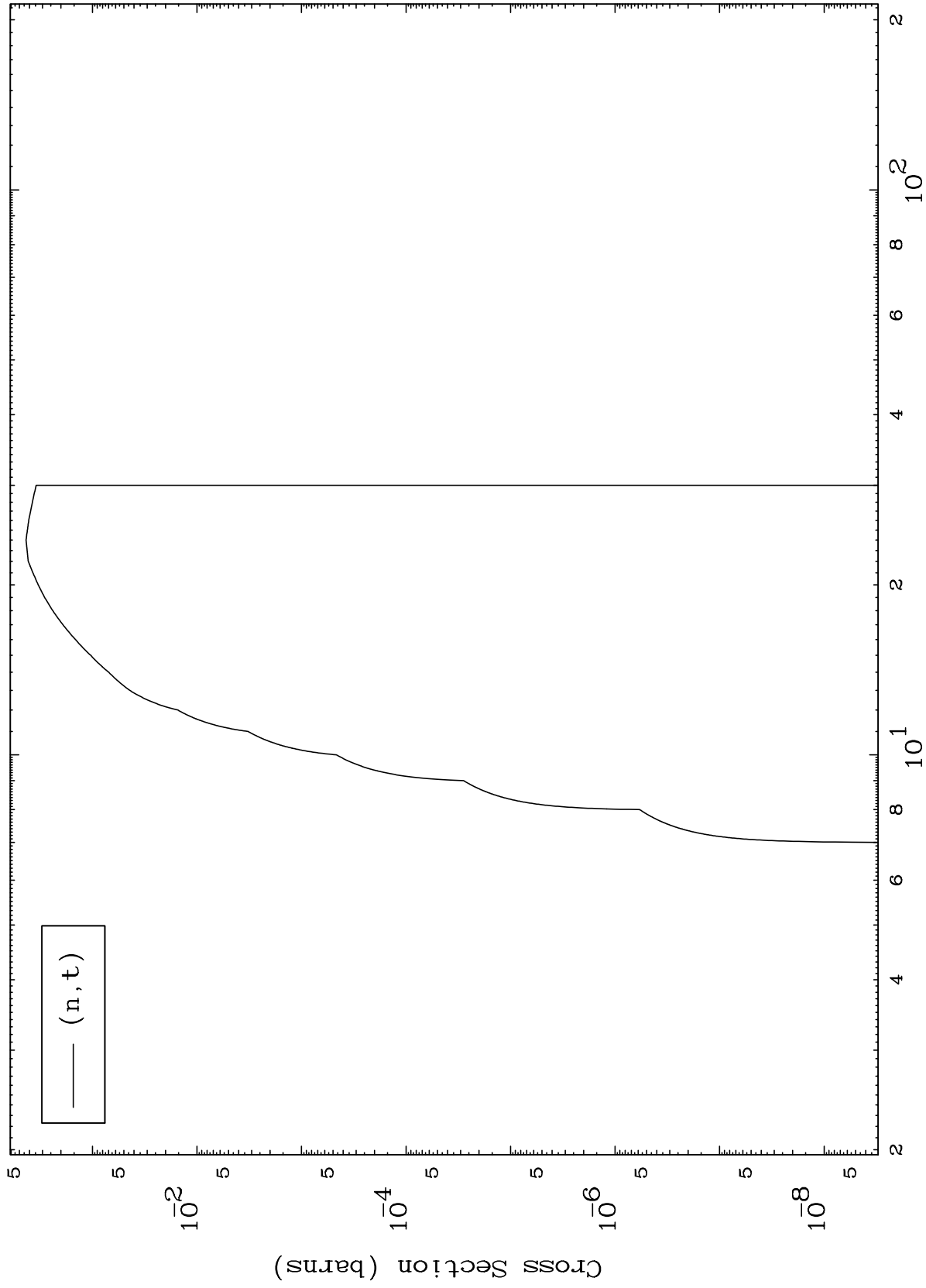
Incident Energy (MeV)

40-Zr-92

MAT 4031

(He-3,t) Levels  
0 Kelvin Cross Sections

40-Zr-92



9

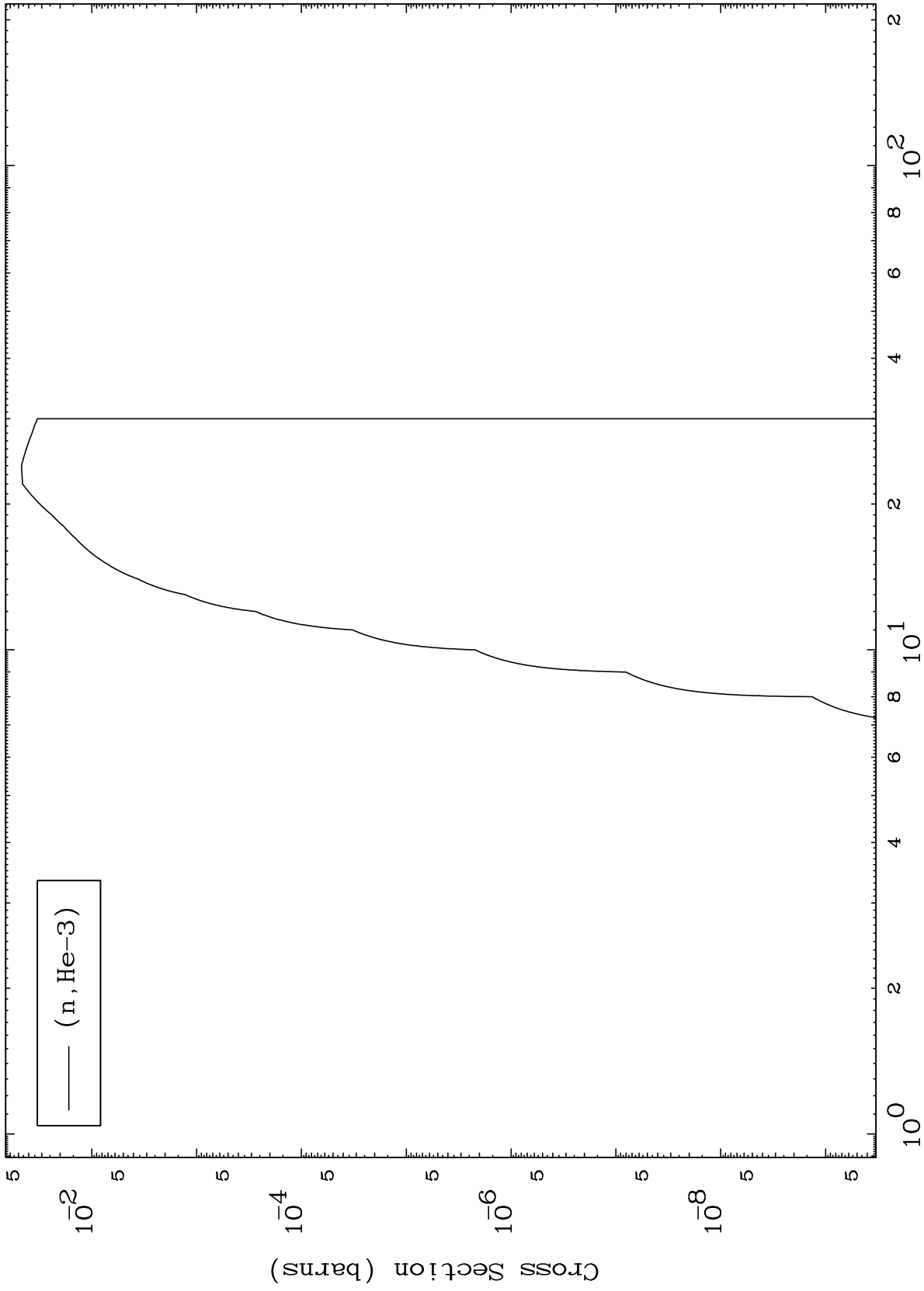
Incident Energy (MeV)

40-Zr-92

MAT 4031

(He-3, He3) Levels  
0 Kelvin Cross Sections

40-Zr-92



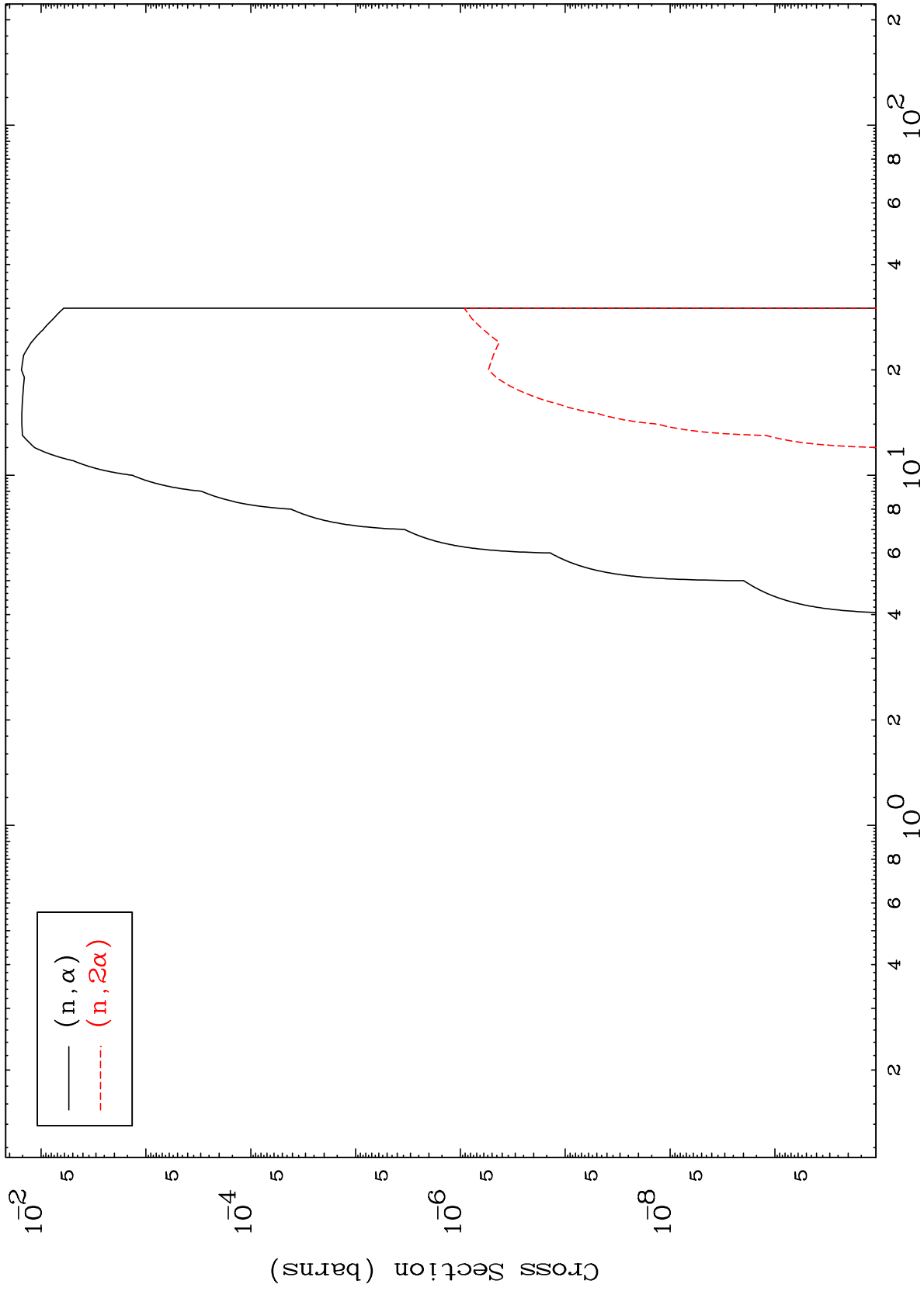
Incident Energy (MeV)

40-Zr-92

MAT 4031

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

40-Zr-92

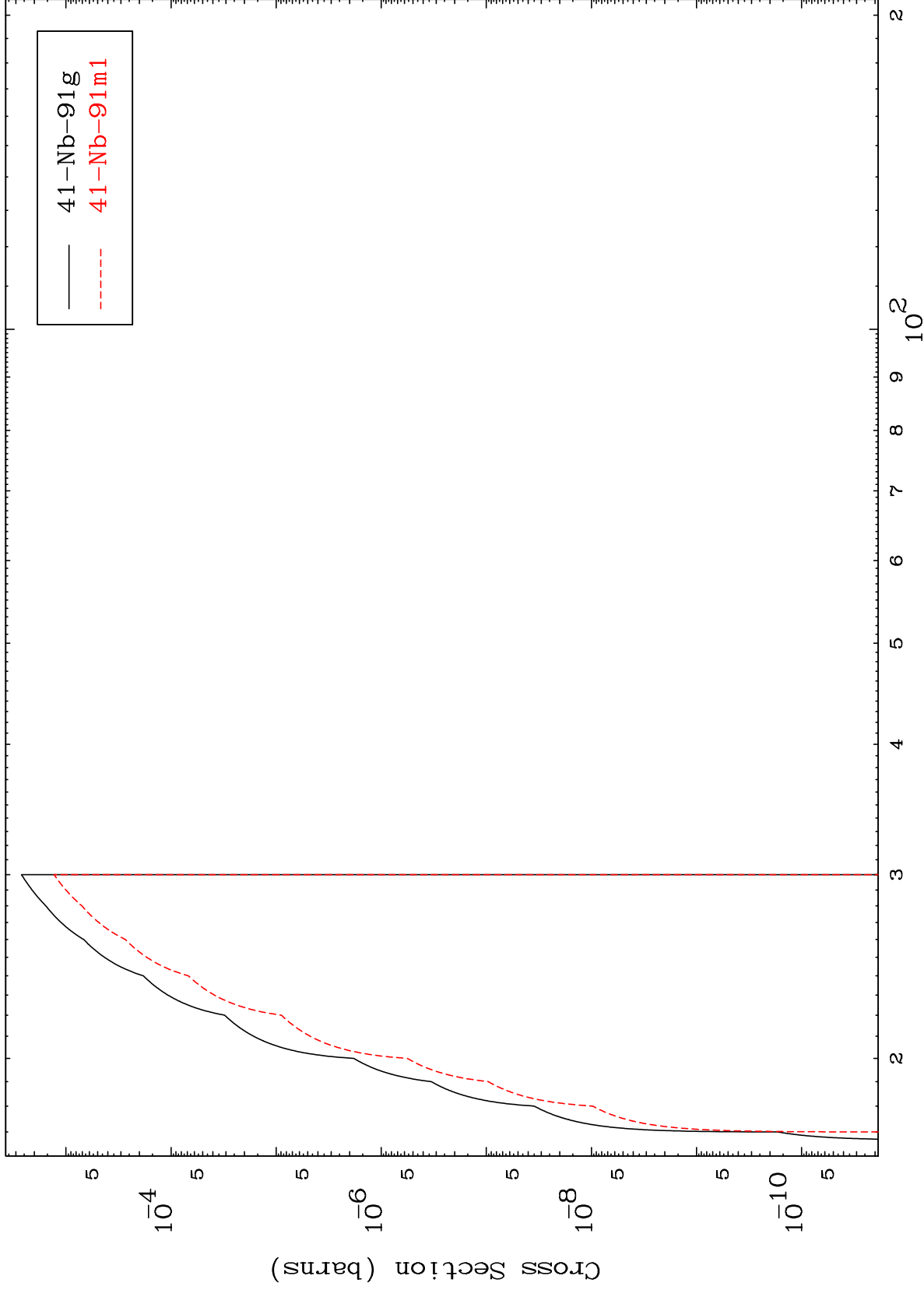


MAT 4031

(n,2n) d

40-Zr-92

Radionuclide Production Cross Section



12

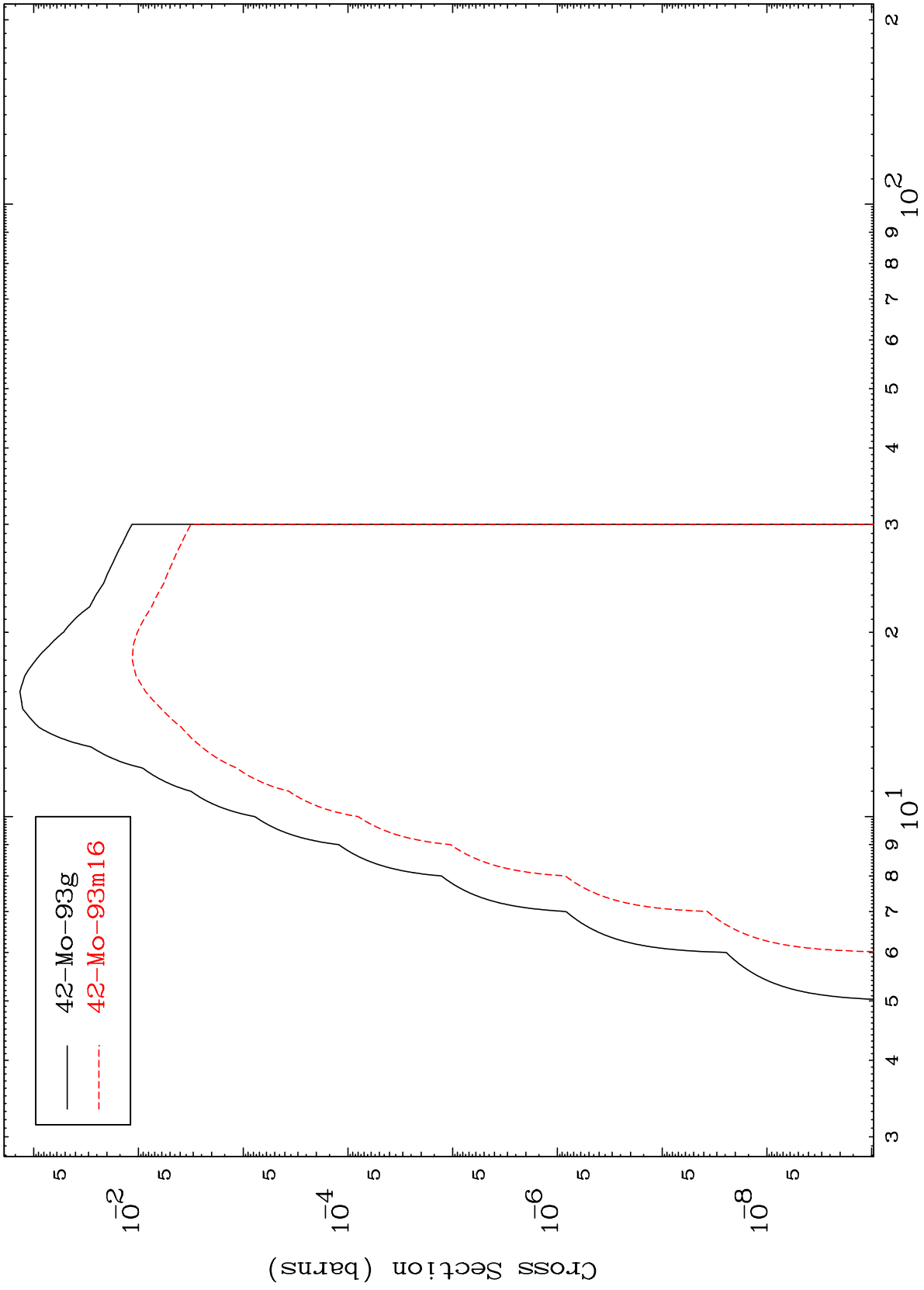
Incident Energy (MeV)

40-Zr-92

MAT 4031

Radionuclide Production Cross Section  
(n,2n)

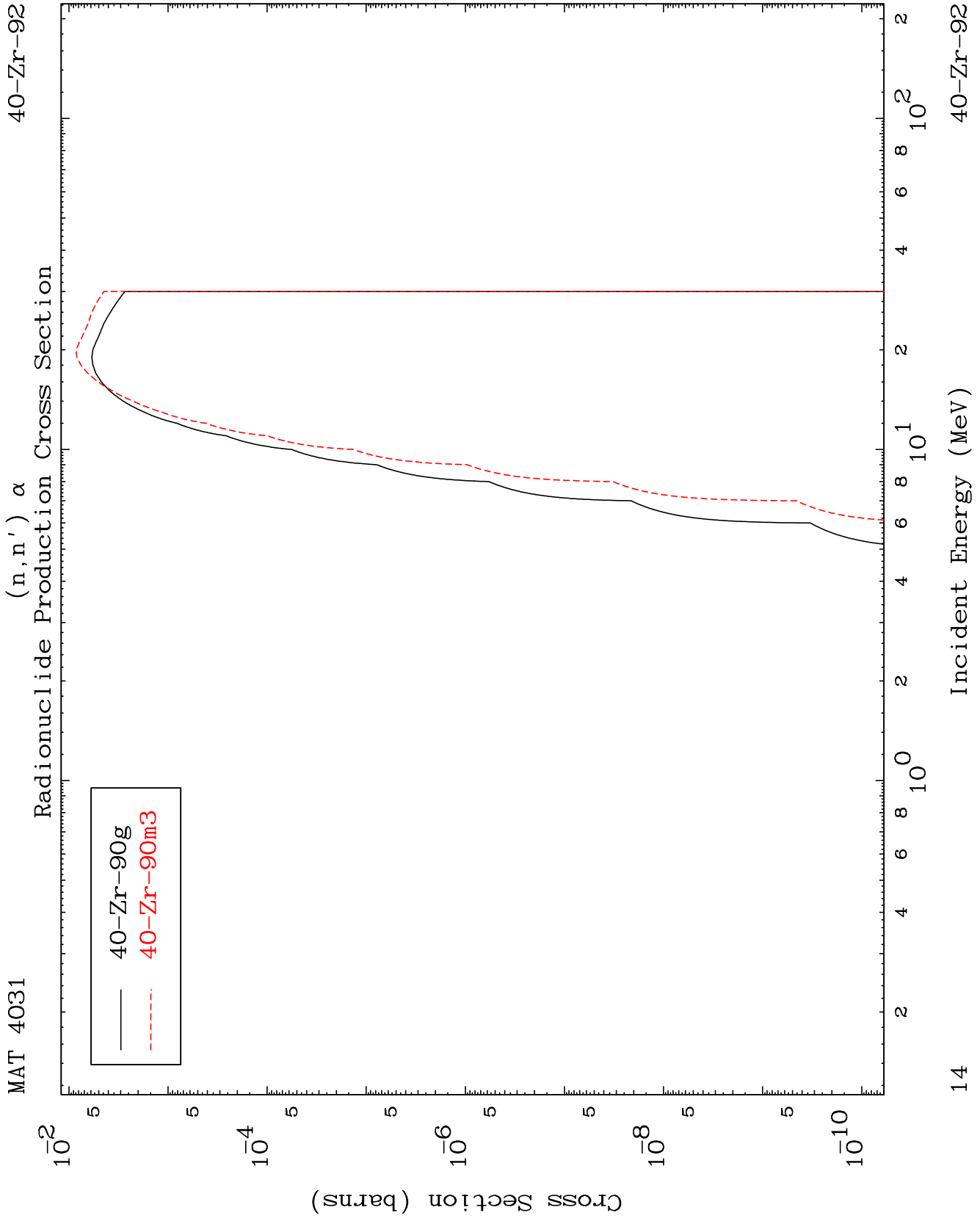
40-Zr-92



13

Incident Energy (MeV)

40-Zr-92

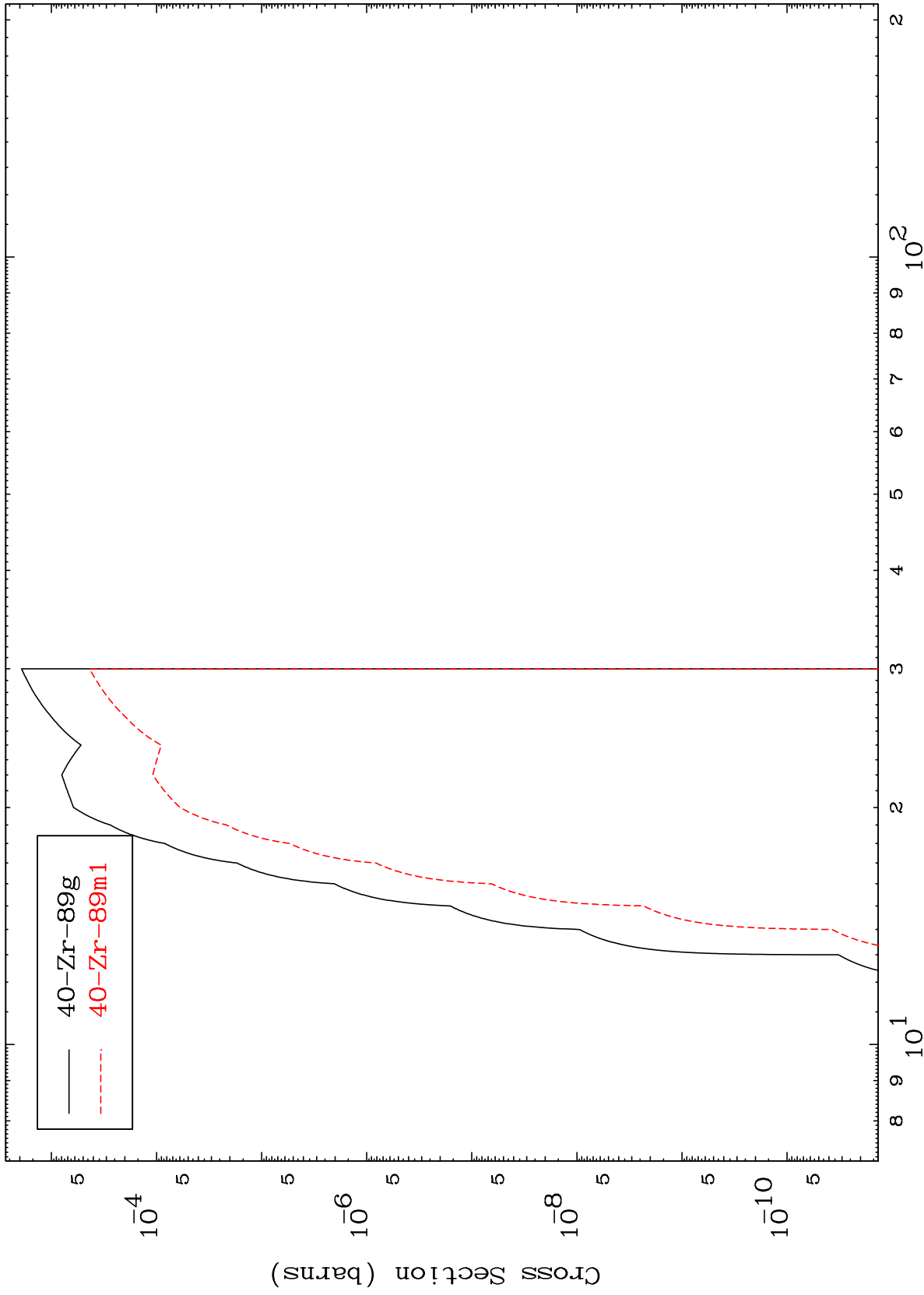


MAT 4031

(n,2n)  $\alpha$

40-Zr-92

Radionuclide Production Cross Section



15

Incident Energy (MeV)

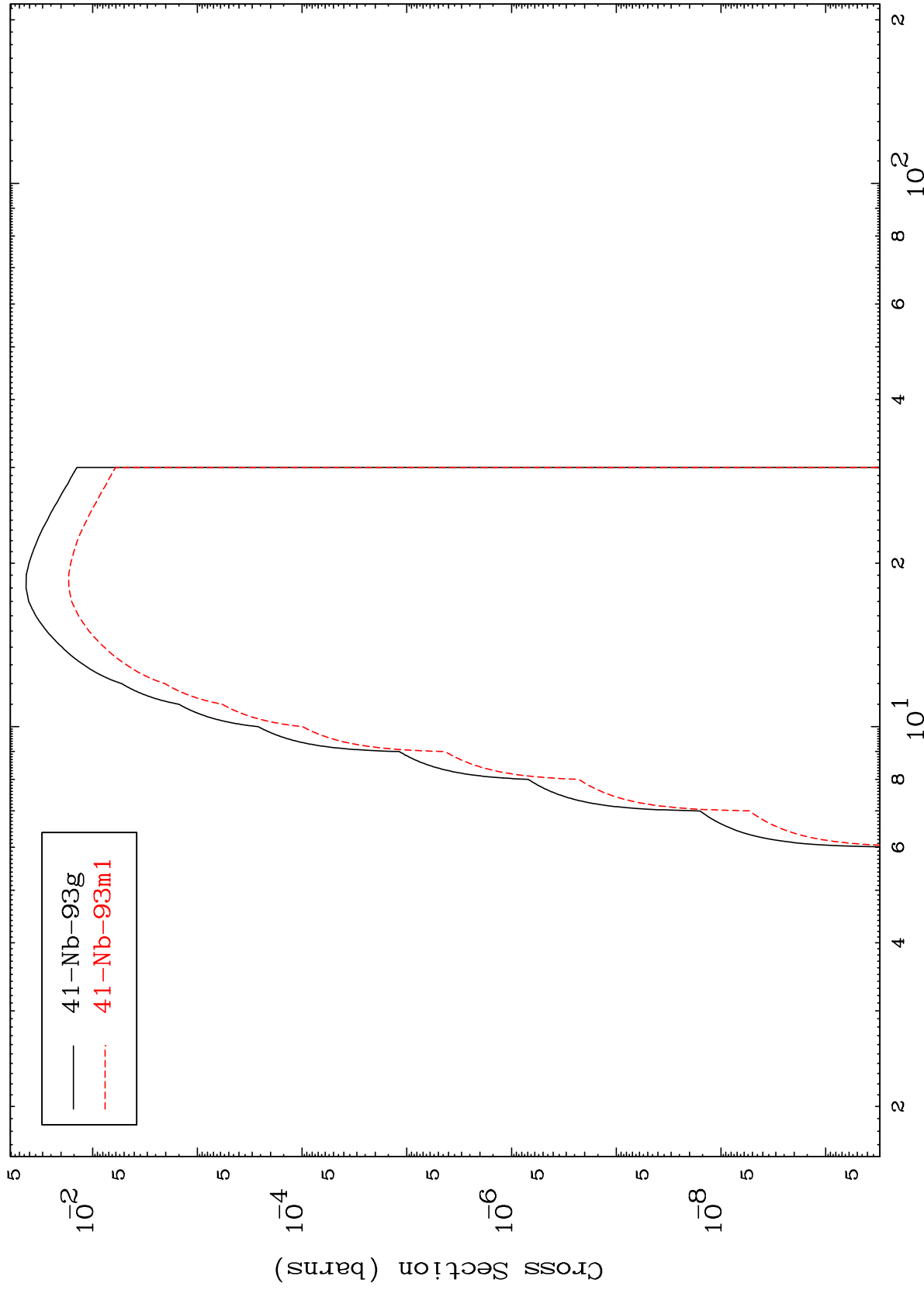
40-Zr-92

MAT 4031

(n,n') p

40-Zr-92

Radionuclide Production Cross Section



— 41-Nb-93g  
- - - 41-Nb-93m1

16

Incident Energy (MeV)

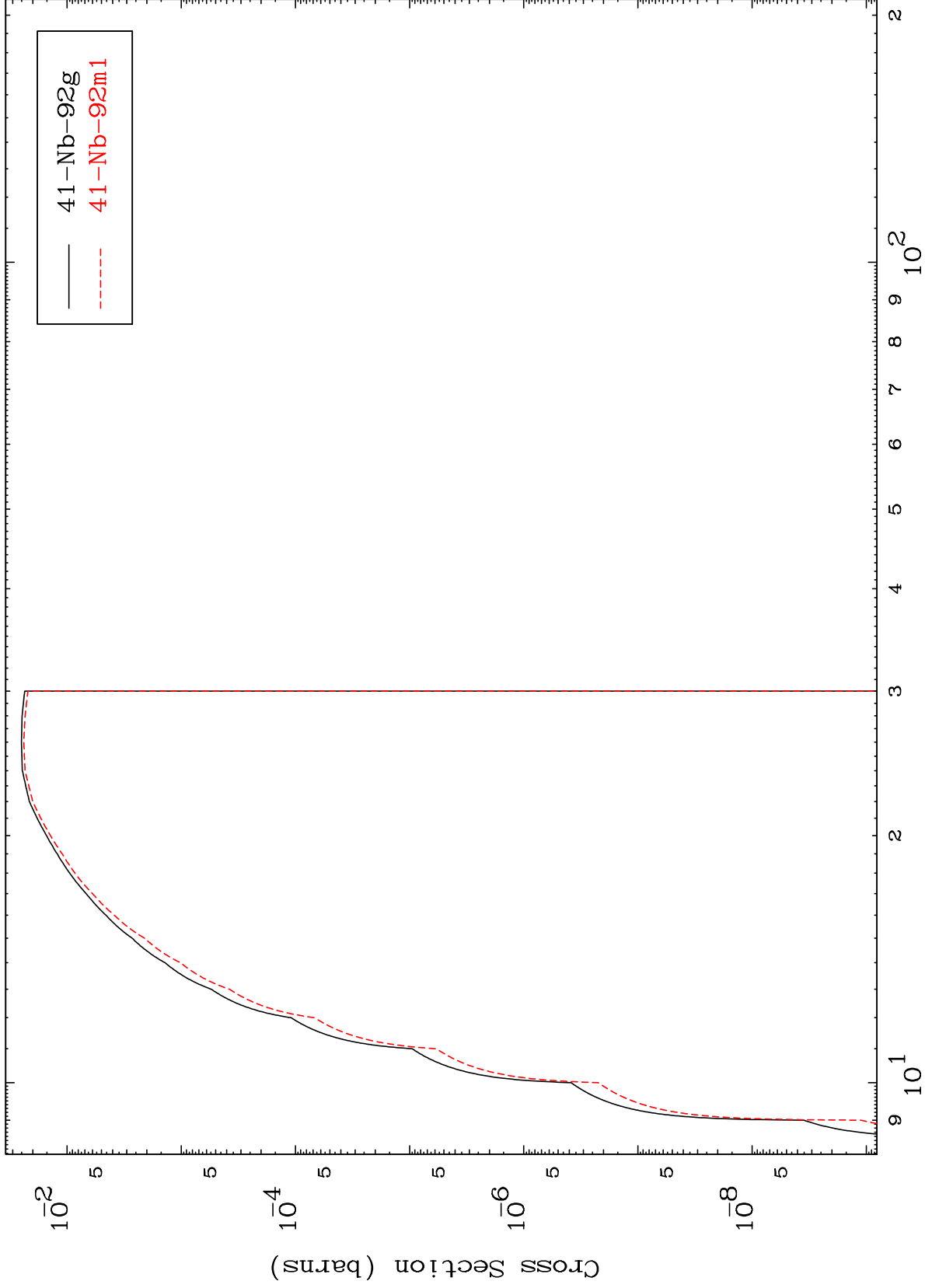
40-Zr-92

MAT 4031

(n,n') d

40-Zr-92

Radionuclide Production Cross Section



17

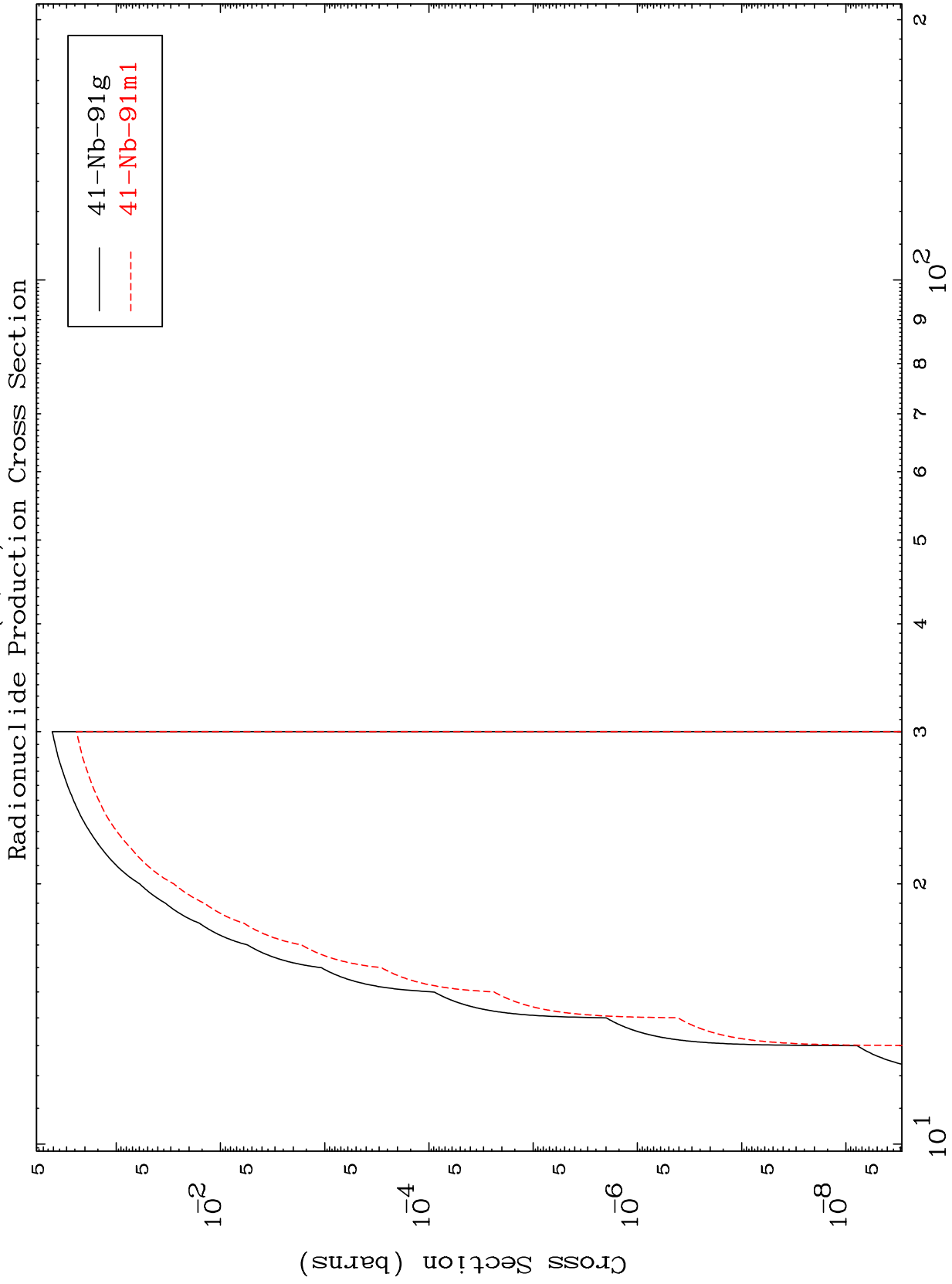
Incident Energy (MeV)

40-Zr-92

MAT 4031

(n,n') t

40-Zr-92

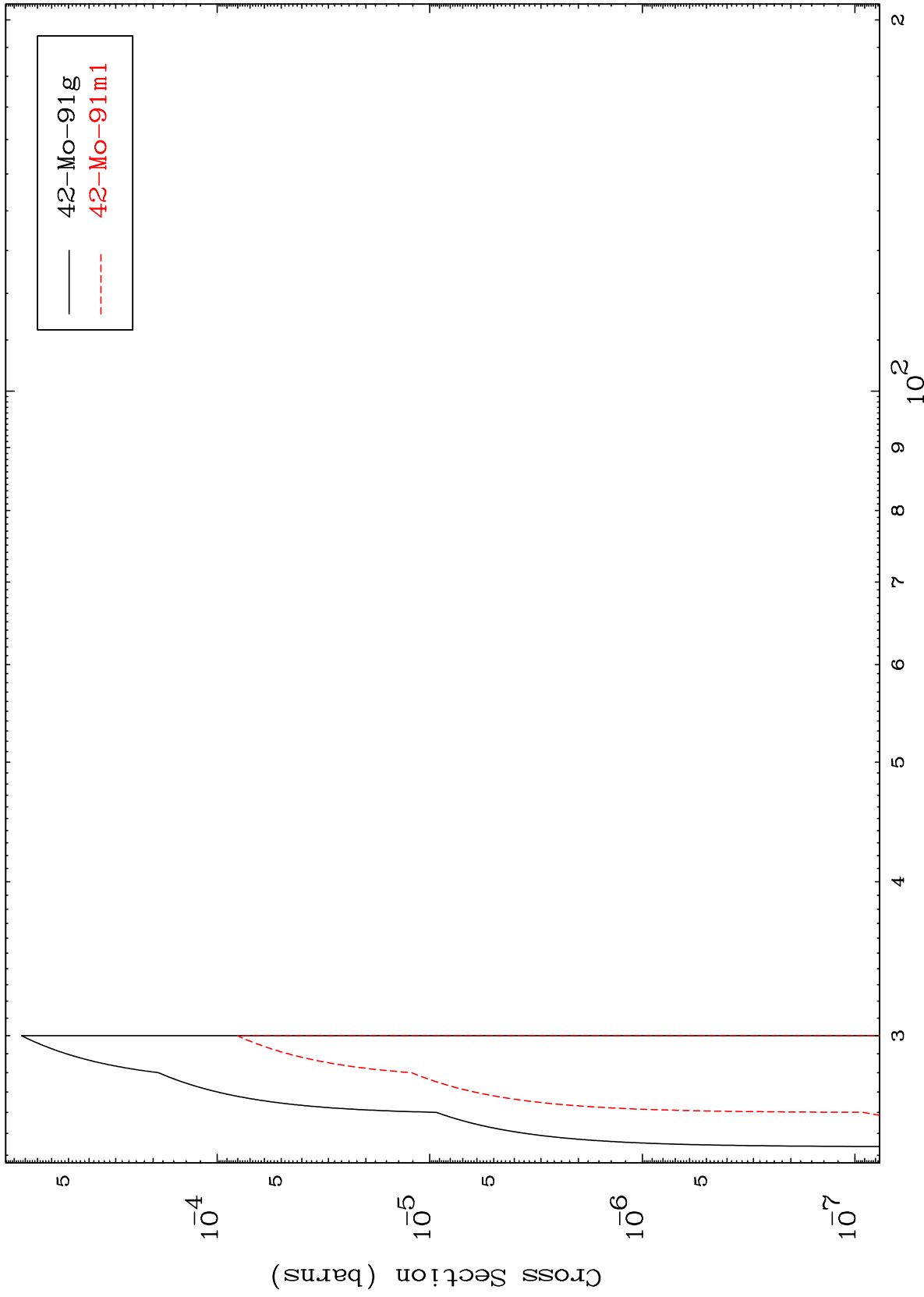


40-Zr-92

MAT 4031

40-Zr-92

(n,4n)  
Radionuclide Production Cross Section



19

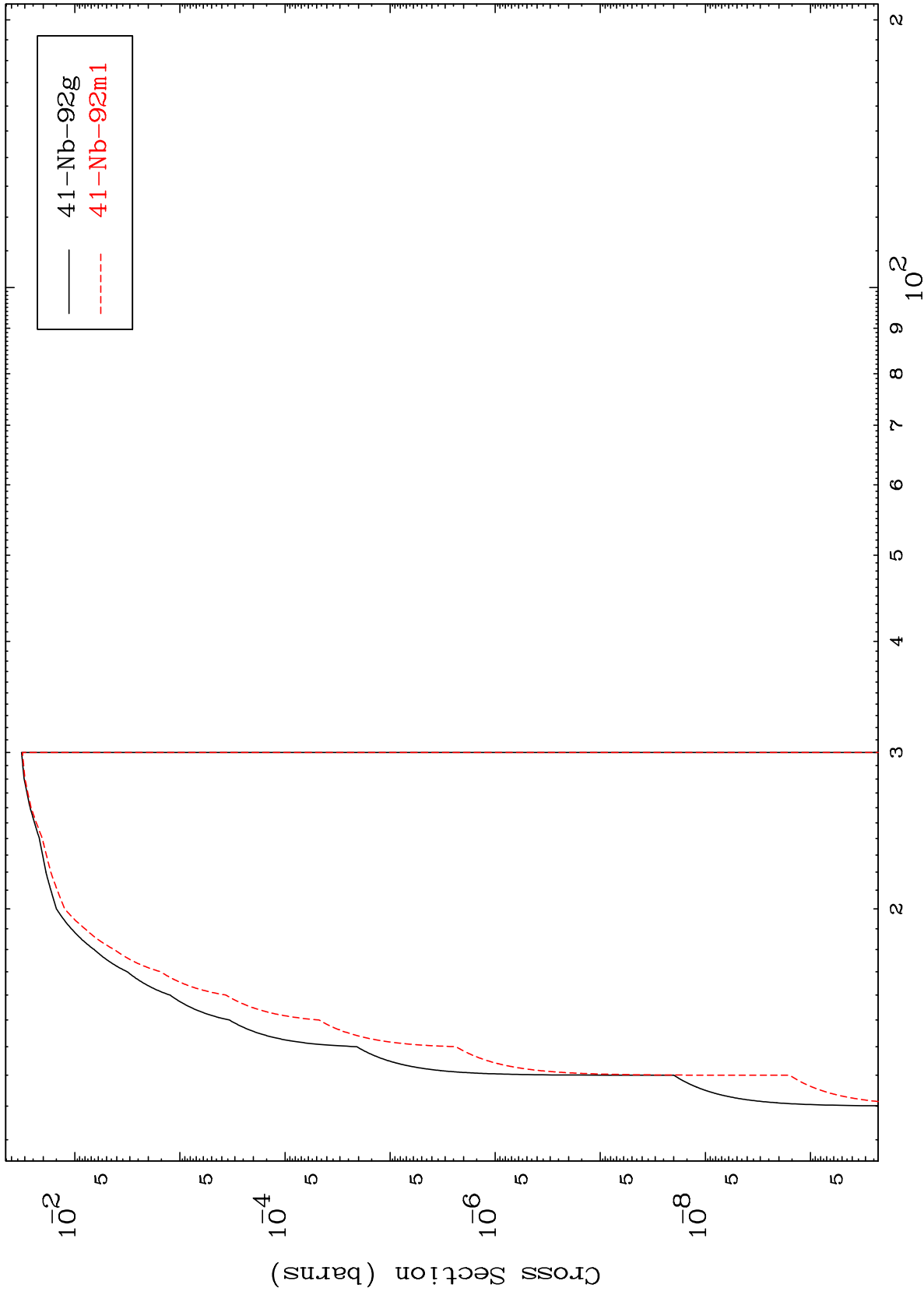
40-Zr-92

MAT 4031

(n,2n) p

40-Zr-92

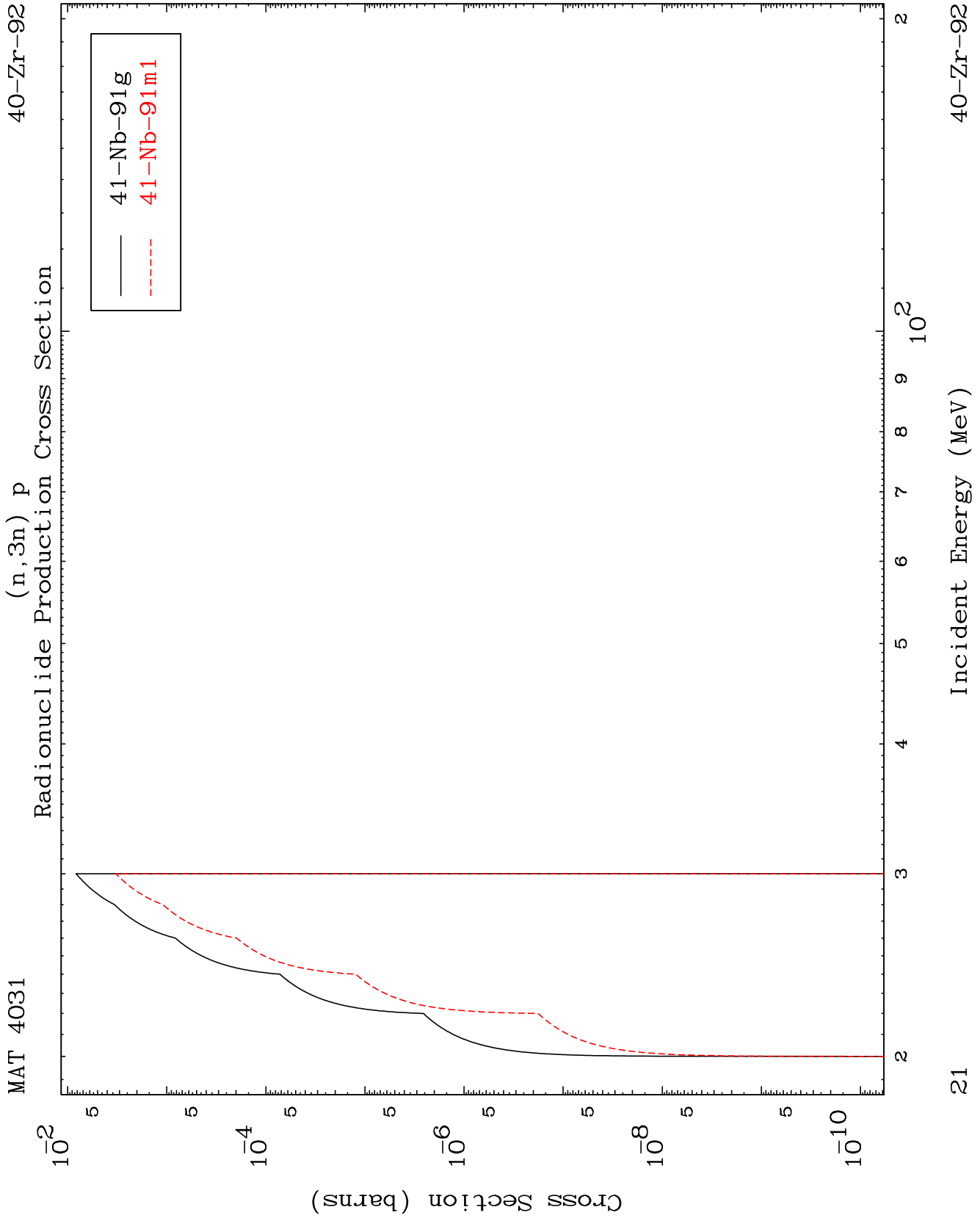
Radionuclide Production Cross Section



20

Incident Energy (MeV)

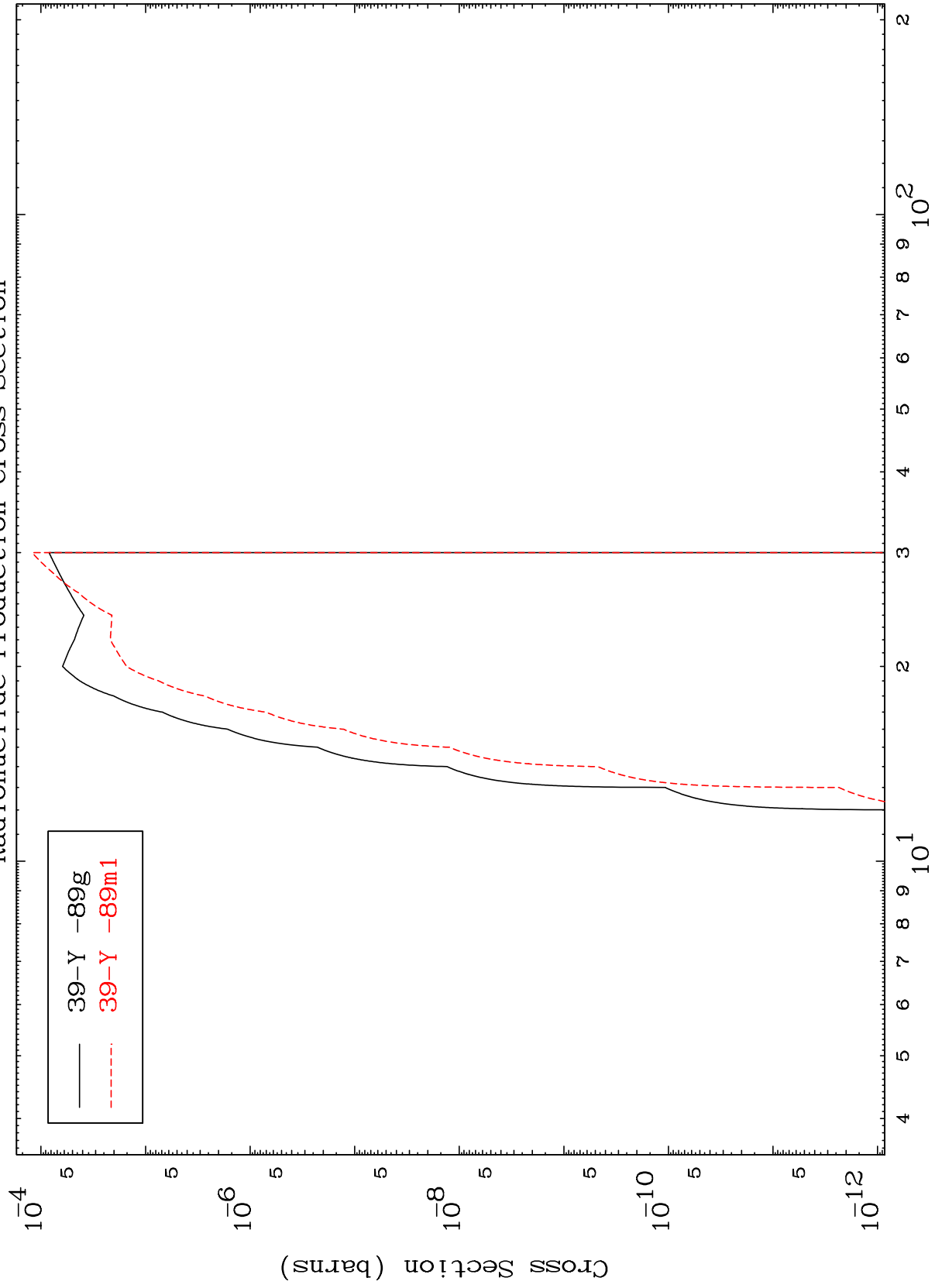
40-Zr-92



MAT 4031

40-Zr-92

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



22

Incident Energy (MeV)

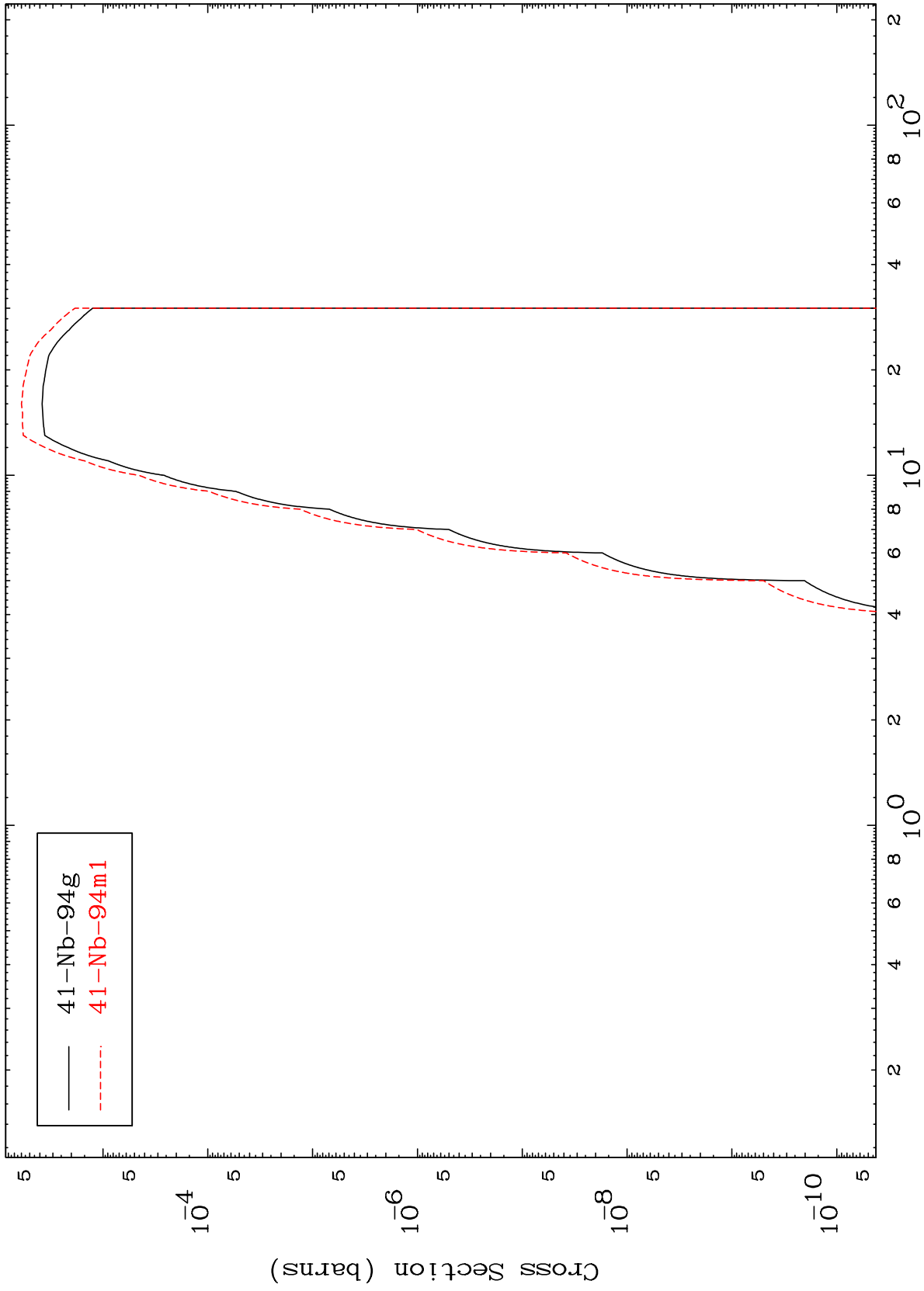
40-Zr-92

MAT 4031

(n,p)

40-Zr-92

Radionuclide Production Cross Section



23

Incident Energy (MeV)

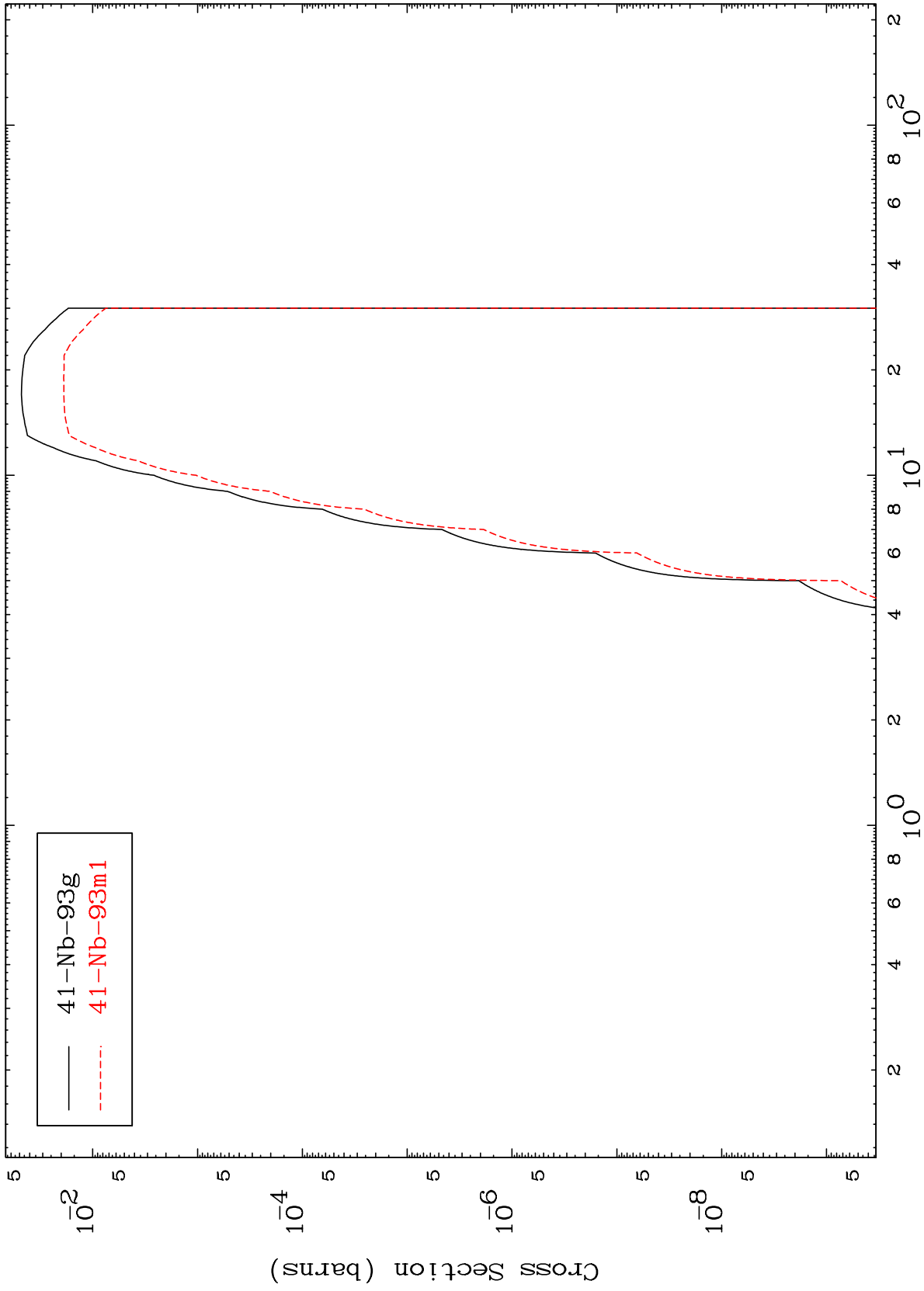
40-Zr-92

MAT 4031

(n,d)

40-Zr-92

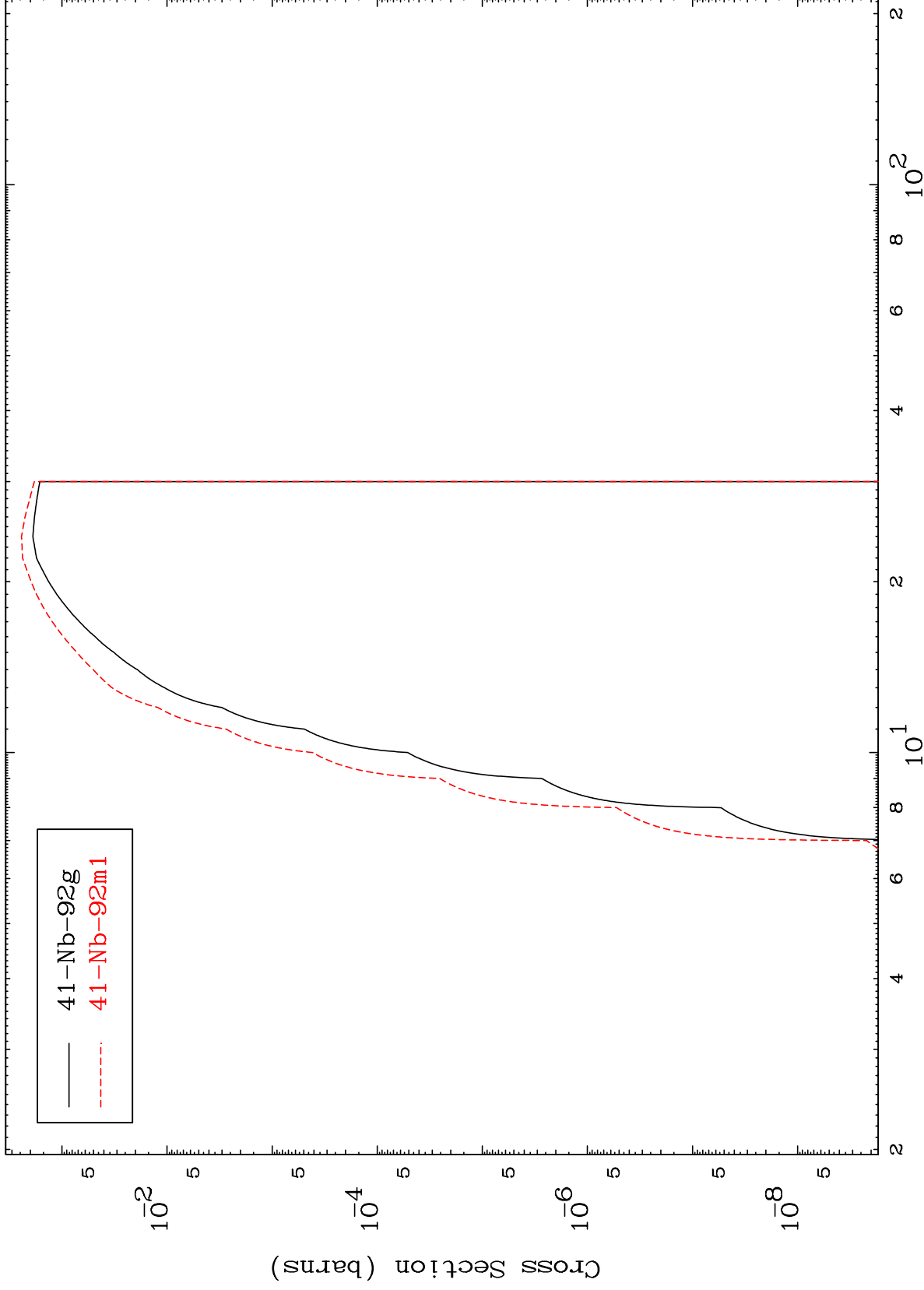
Radionuclide Production Cross Section



MAT 4031

Radionuclide Production Cross Section  
(n, t)

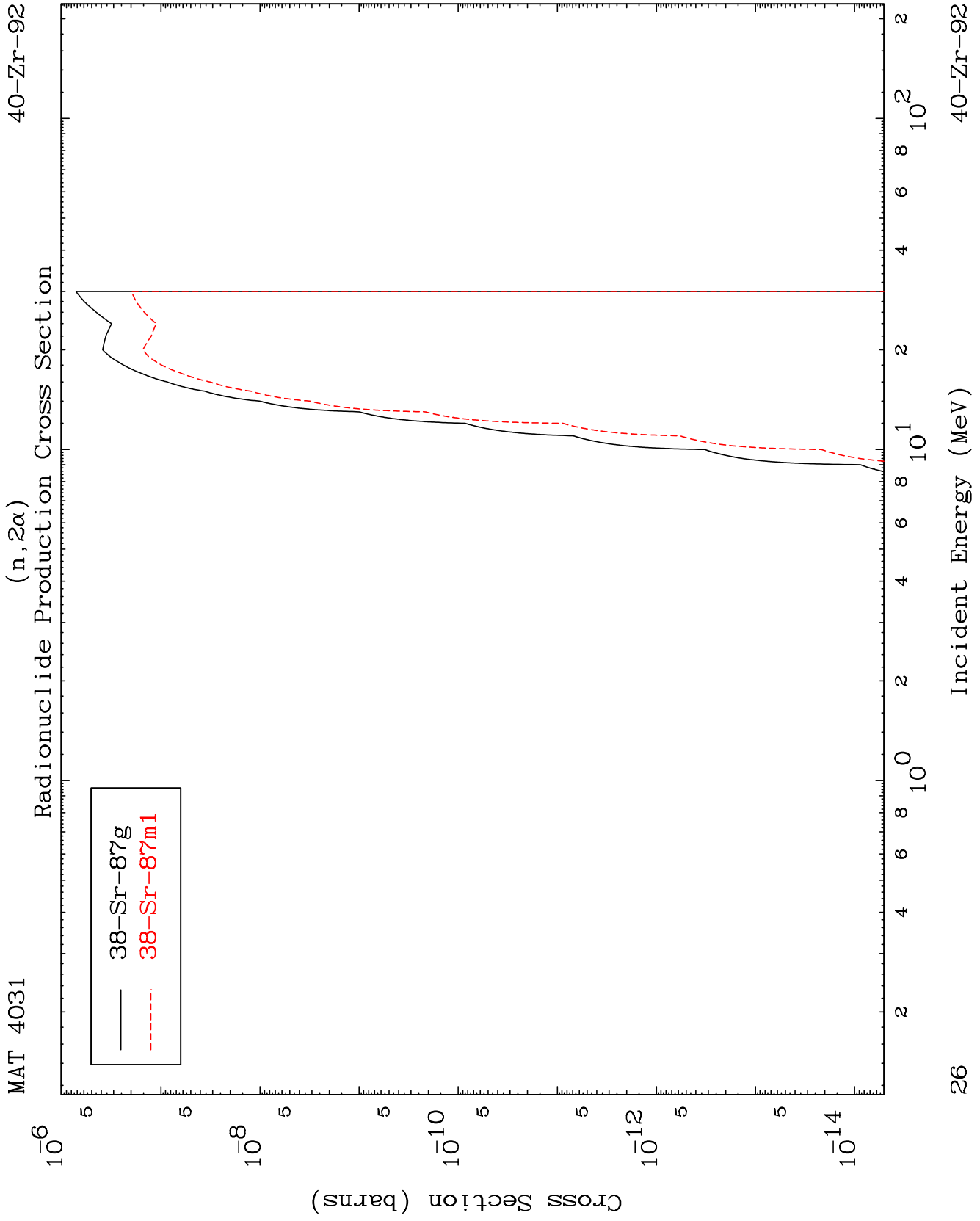
40-Zr-92



25

Incident Energy (MeV)

40-Zr-92

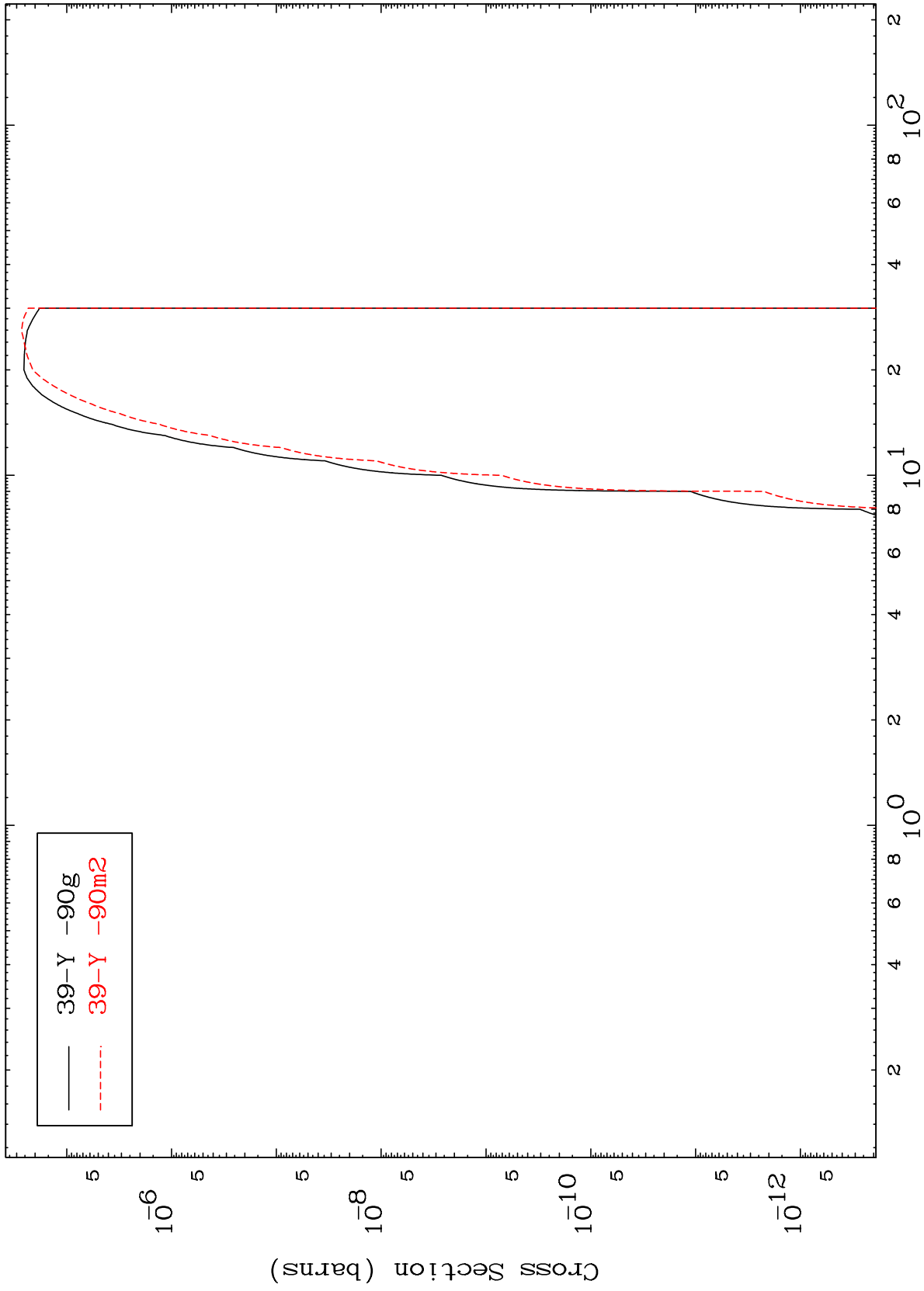


MAT 4031

(n,p)  $\alpha$

40-Zr-92

Radionuclide Production Cross Section



27

Incident Energy (MeV)

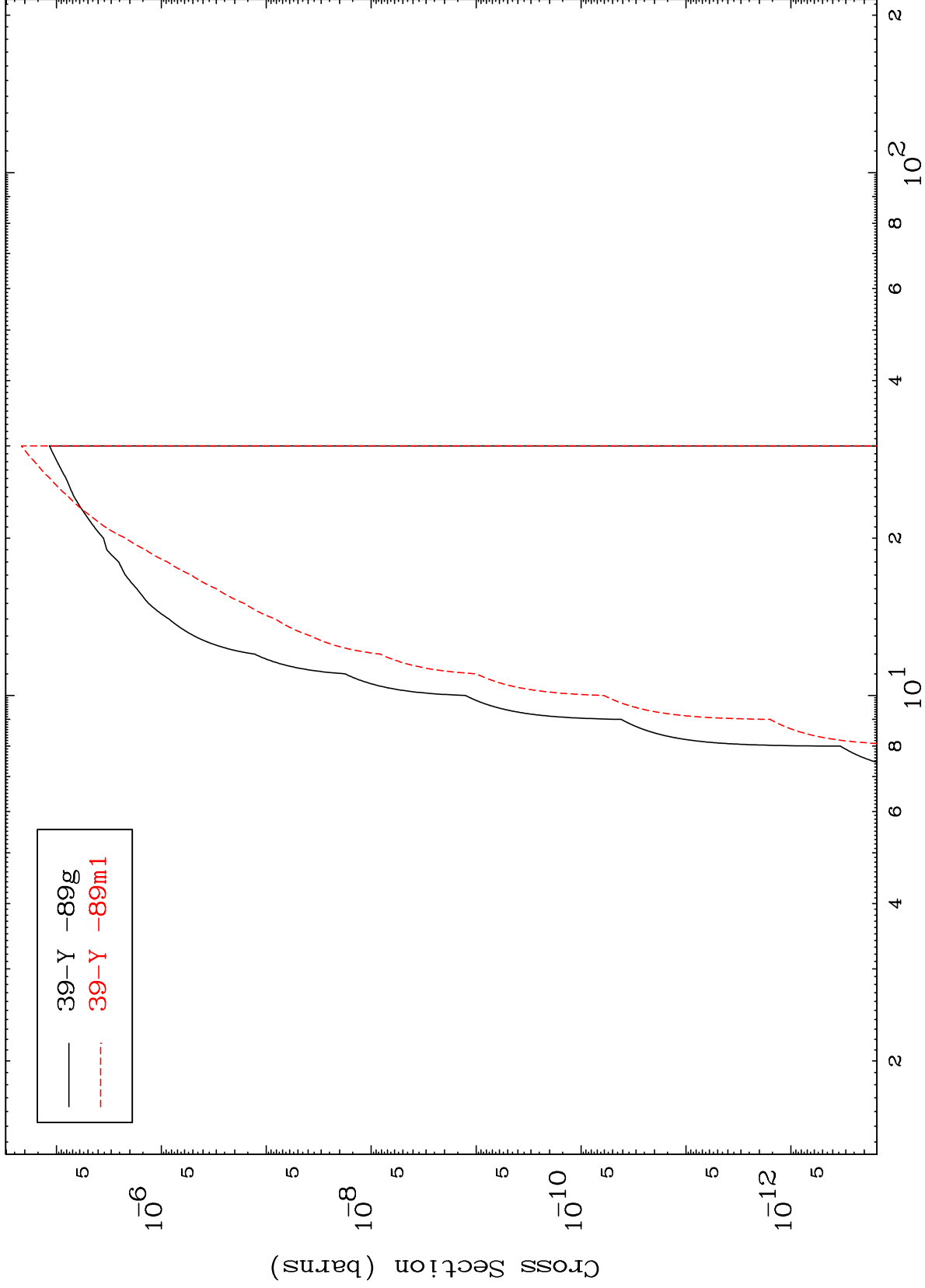
40-Zr-92

MAT 4031

(n,d)  $\alpha$

40-Zr-92

Radionuclide Production Cross Section



39-Y -89g  
39-Y -89m1

28

Incident Energy (MeV)

40-Zr-92