

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

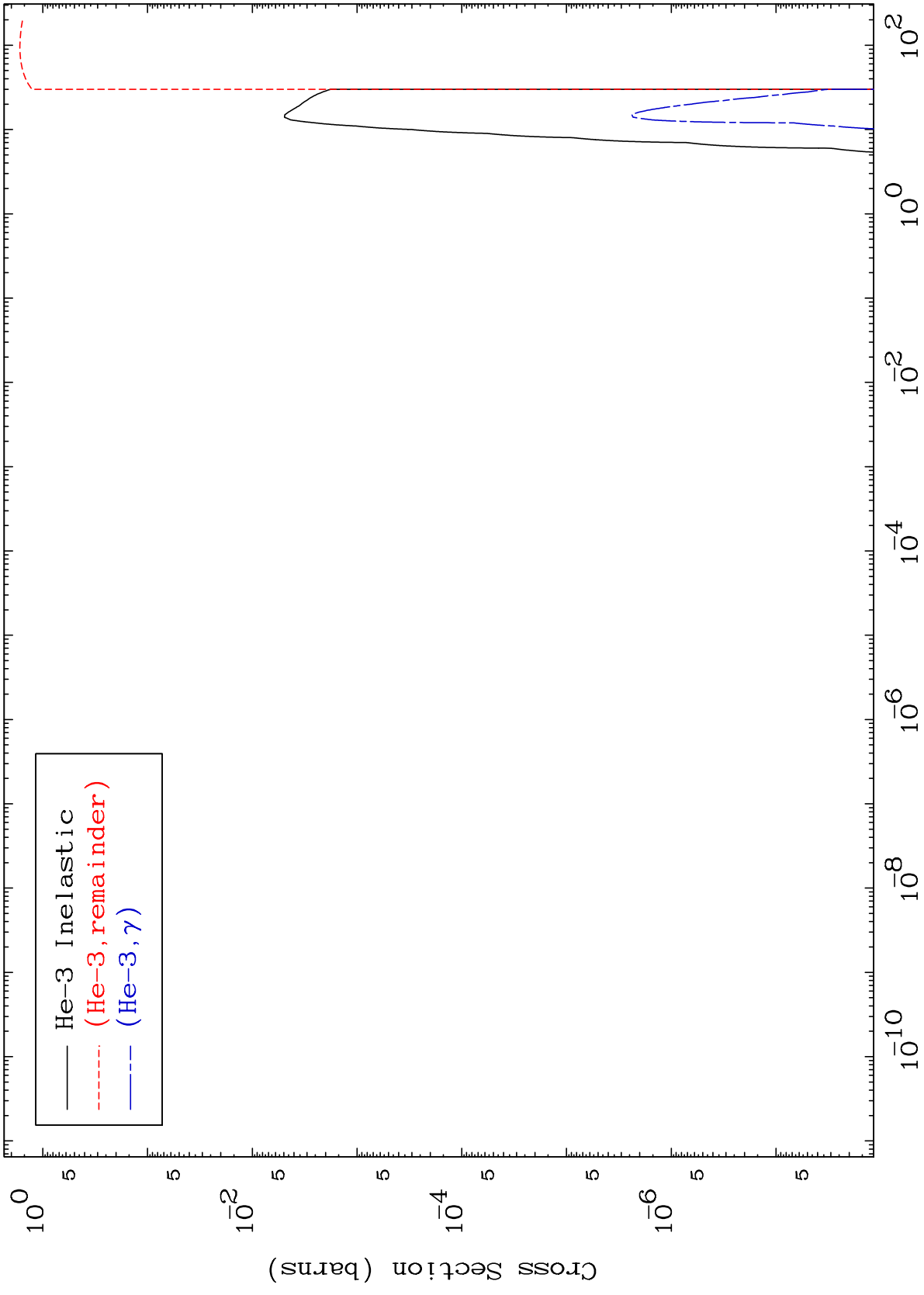
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

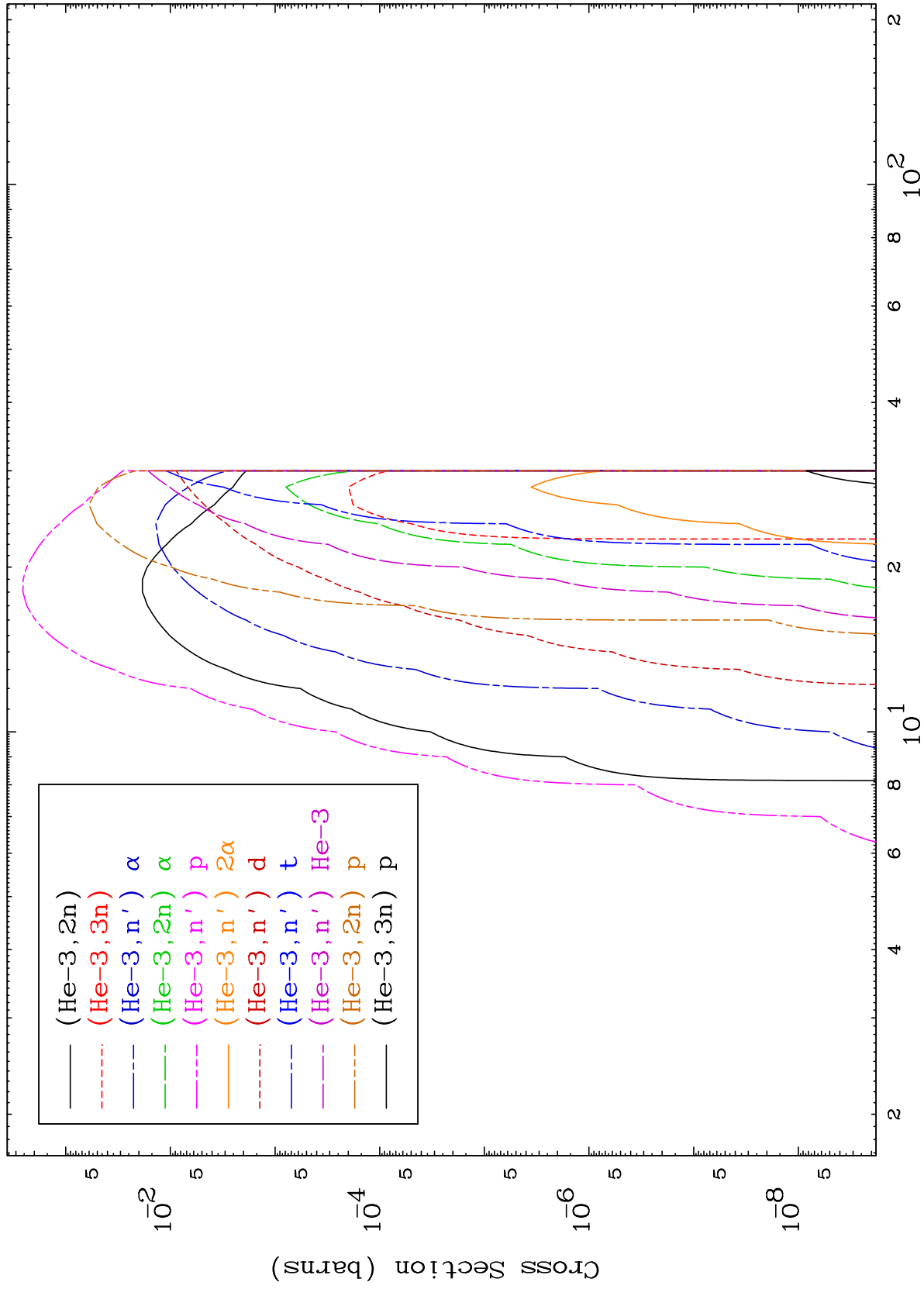
MAT 4016

He-3 Major  
0 Kelvin Cross Sections

40-Zr-87



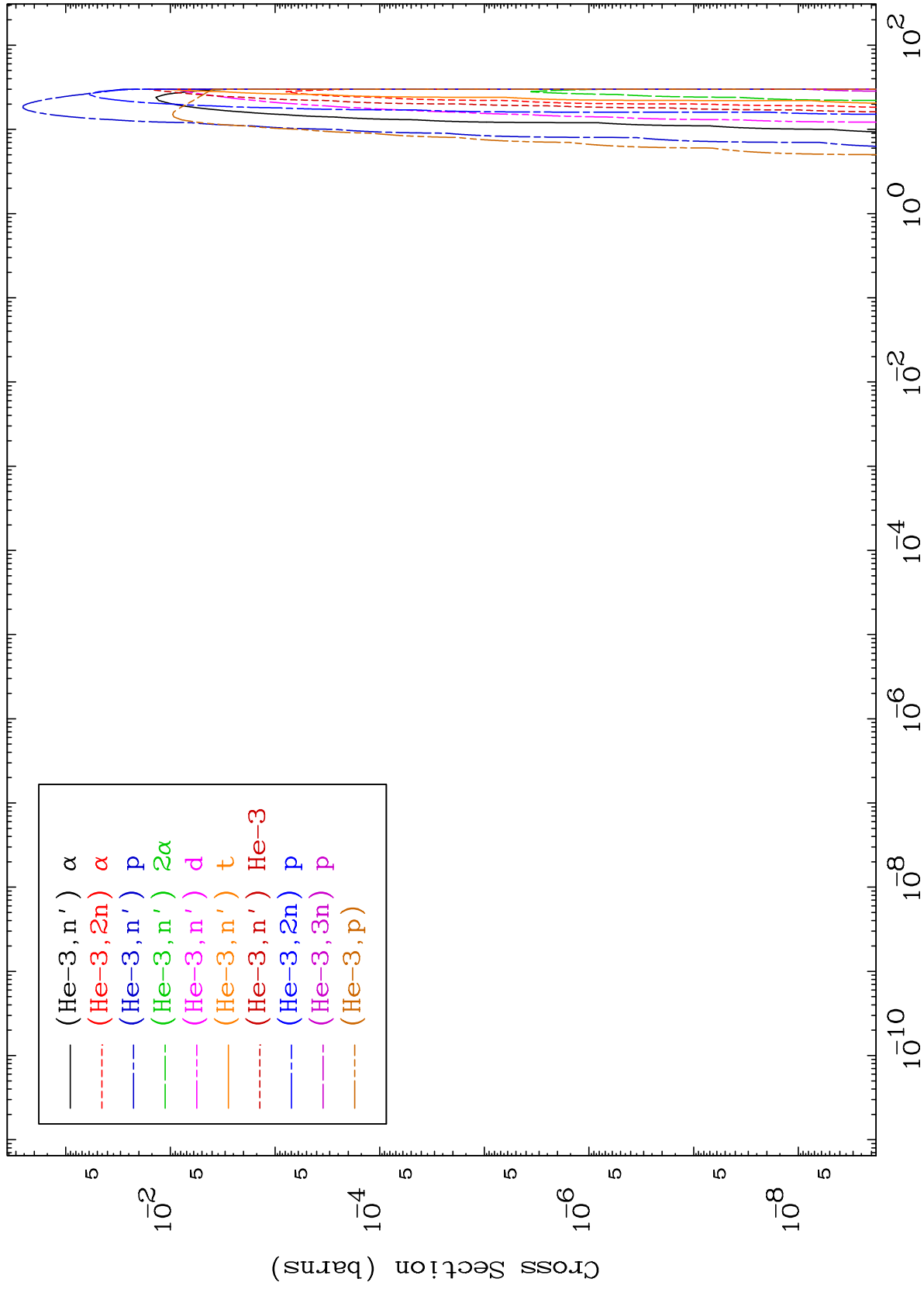
40-Zr-87



MAT 4016

He-3 Charged Particle  
0 Kelvin Cross Sections

40-Zr-87

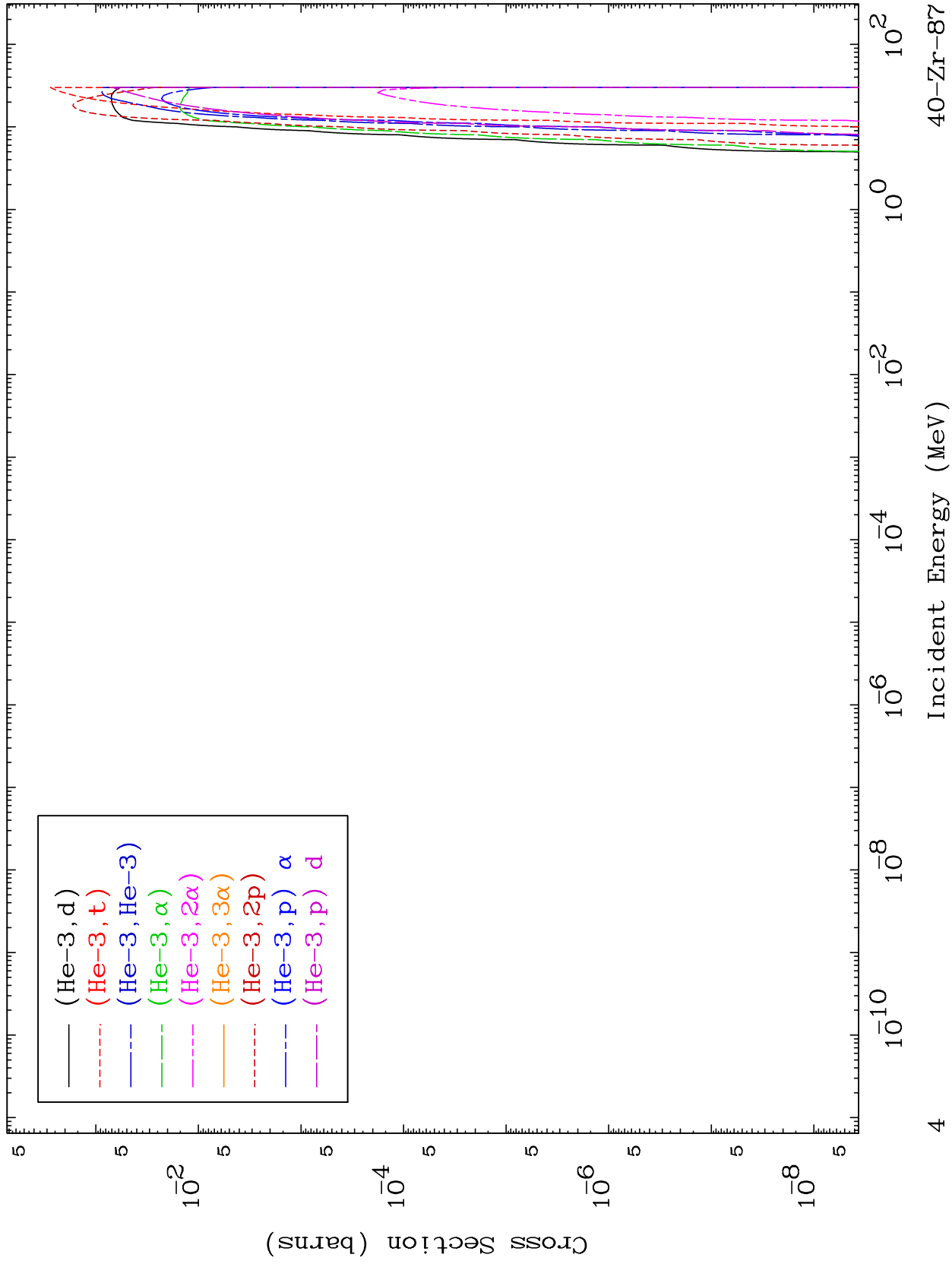


40-Zr-87

MAT 4016

He-3 Charged Particle  
0 Kelvin Cross Sections

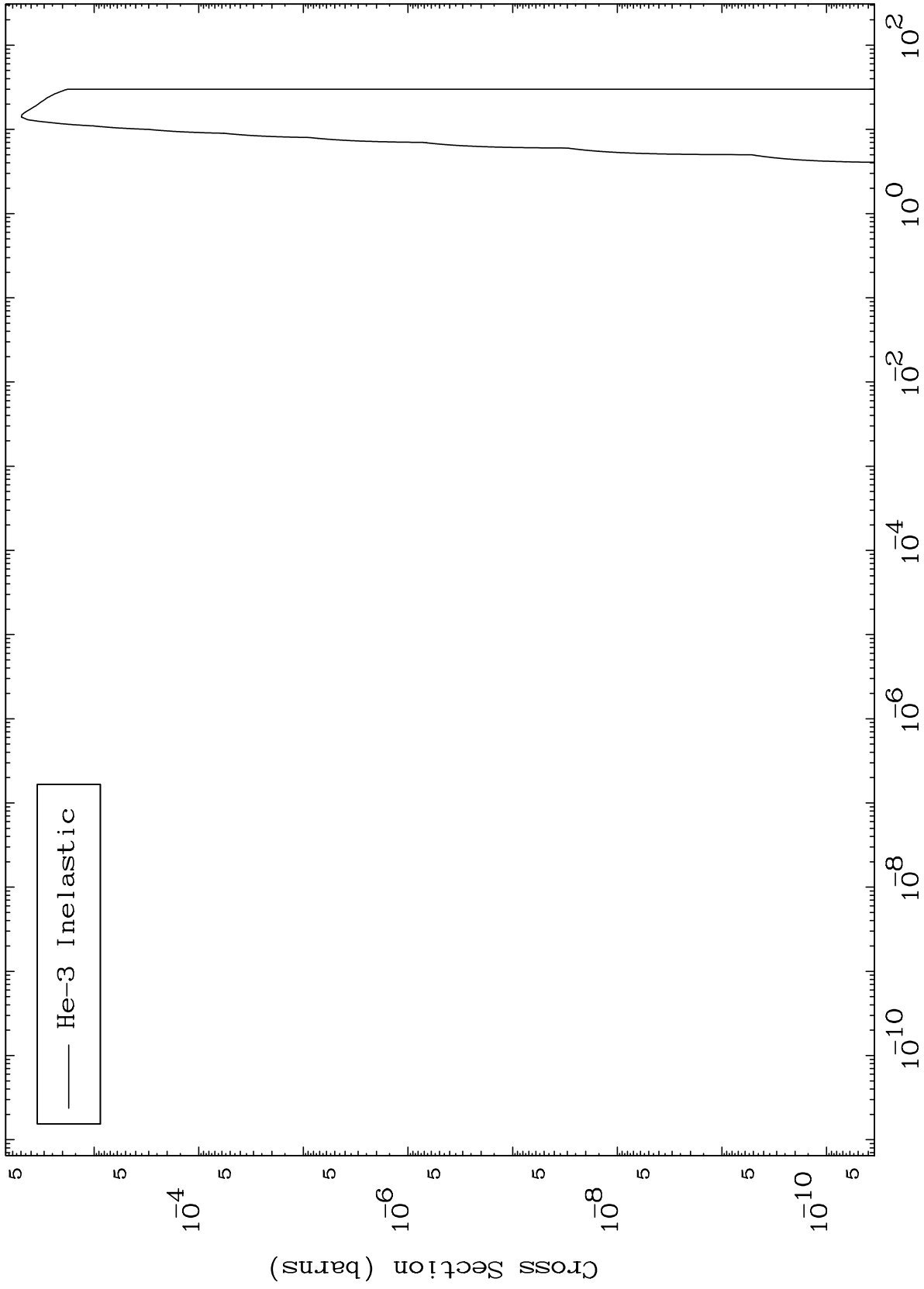
40-Zr-87



MAT 4016

(He-3, n') Level  
0 Kelvin Cross Sections

40-Zr-87



5

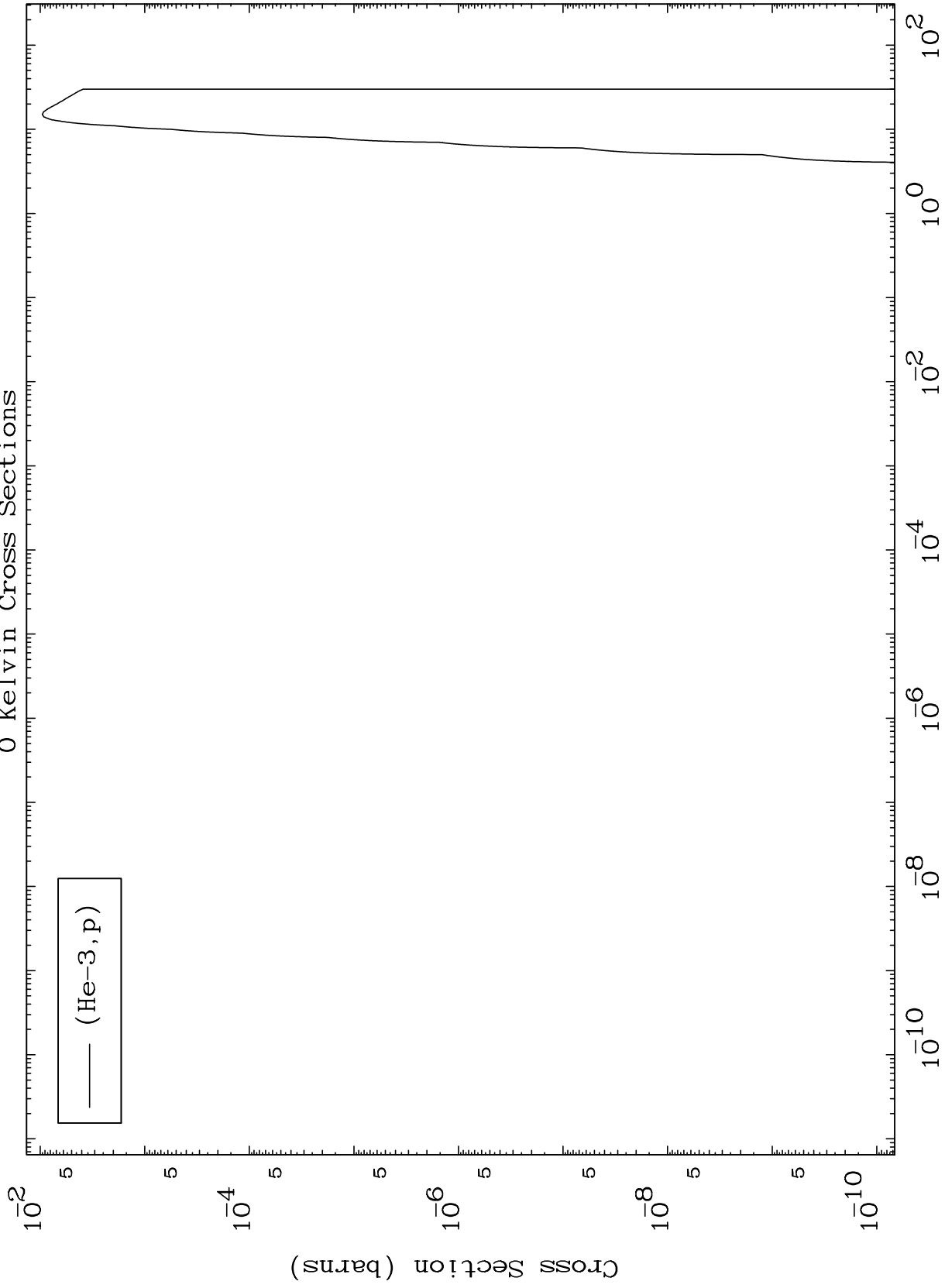
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

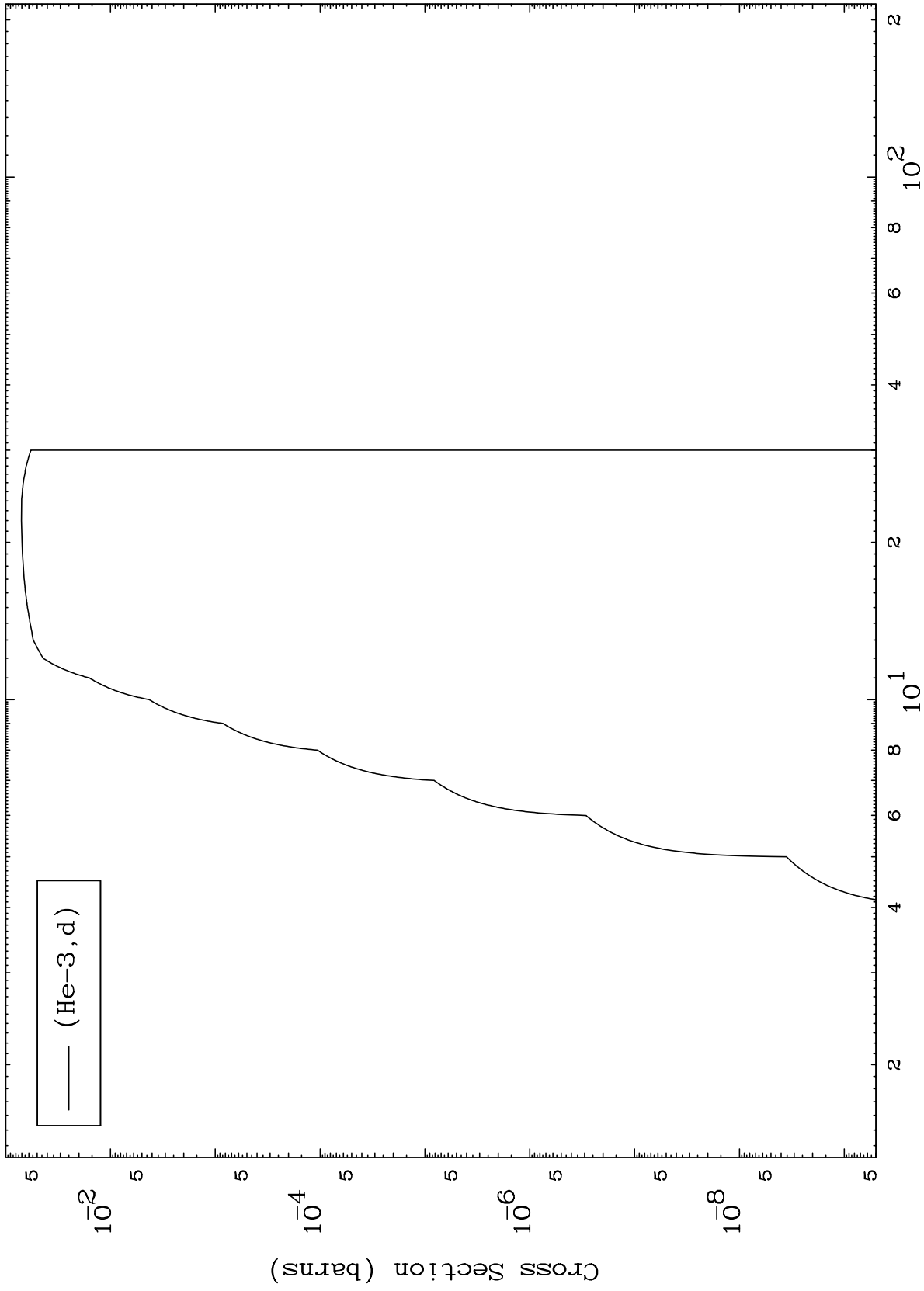
40-Zr-87



MAT 4016

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

40-Zr-87



7

Incident Energy (MeV)

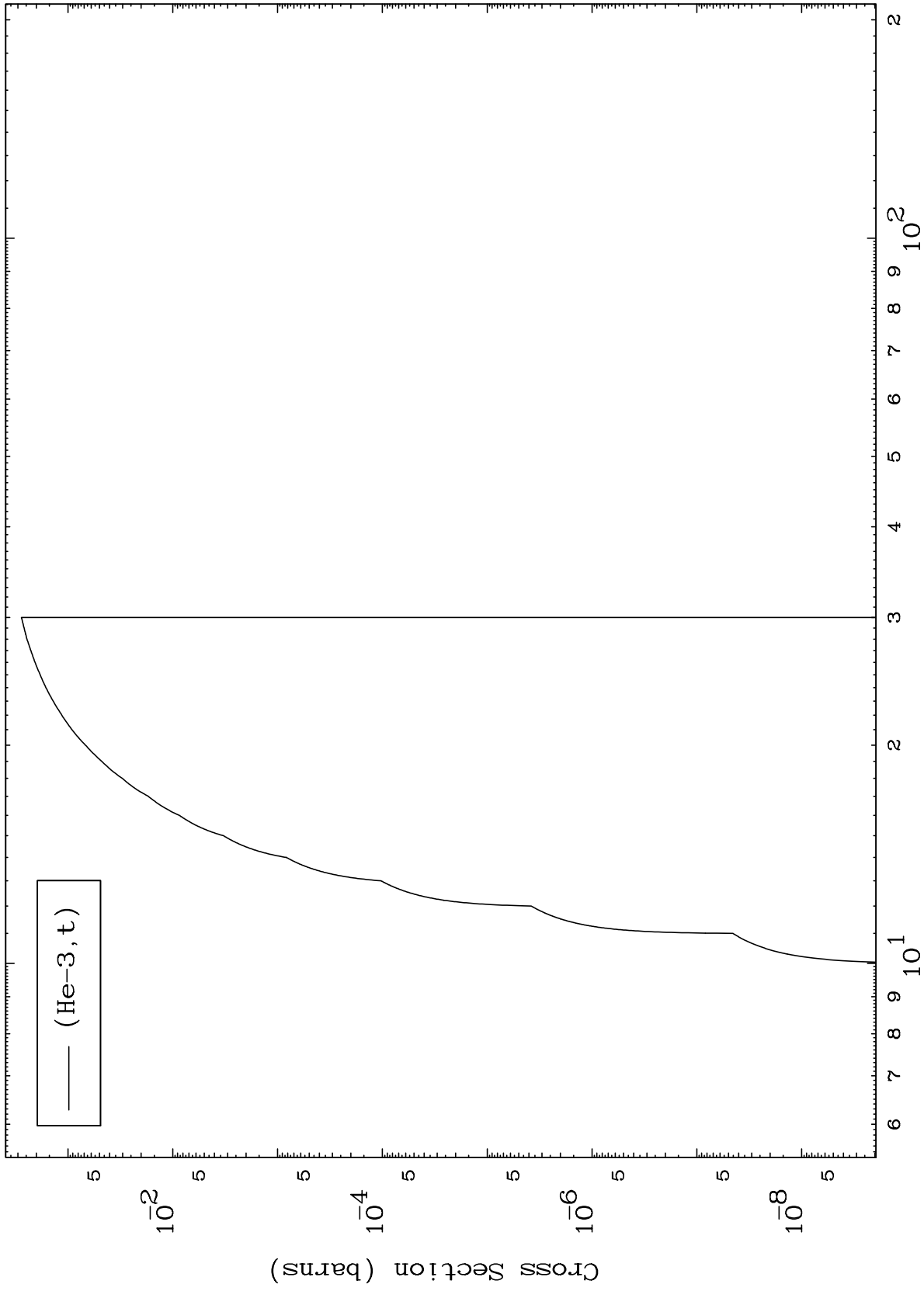
40-Zr-87



MAT 4016

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

40-Zr-87



8

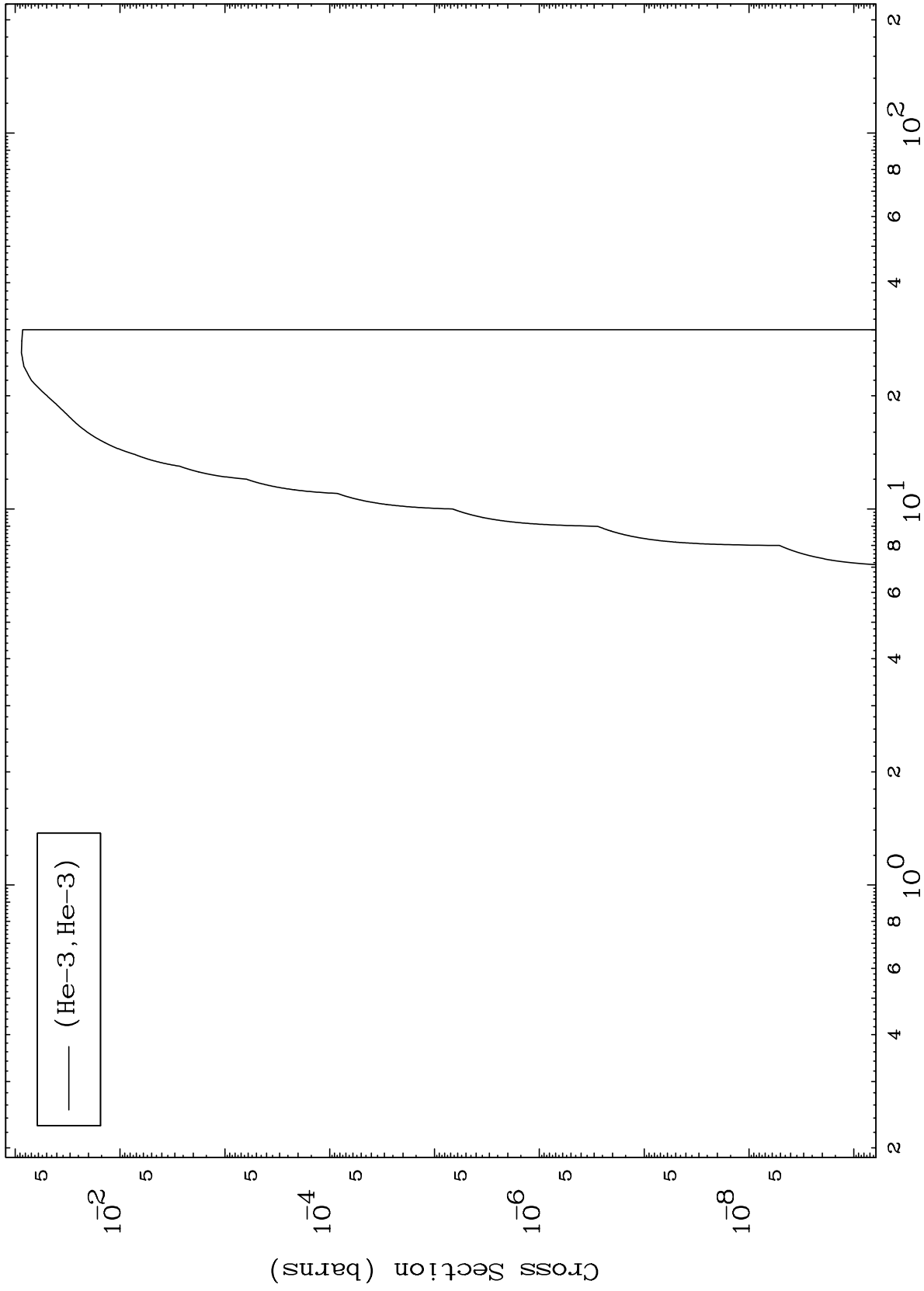
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

40-Zr-87



9

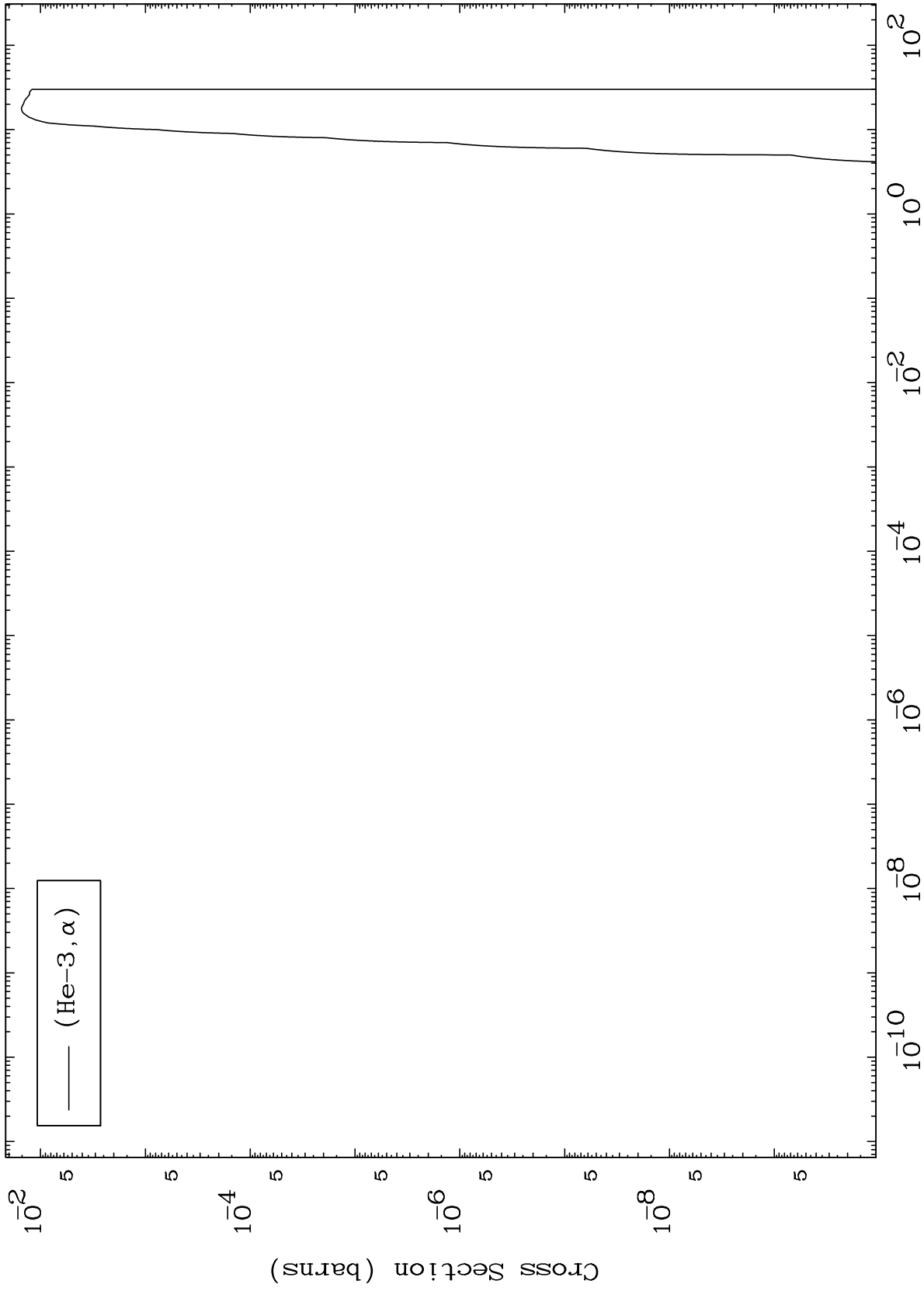
Incident Energy (MeV)

40-Zr-87

MAT 4016

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

40-Zr-87



10

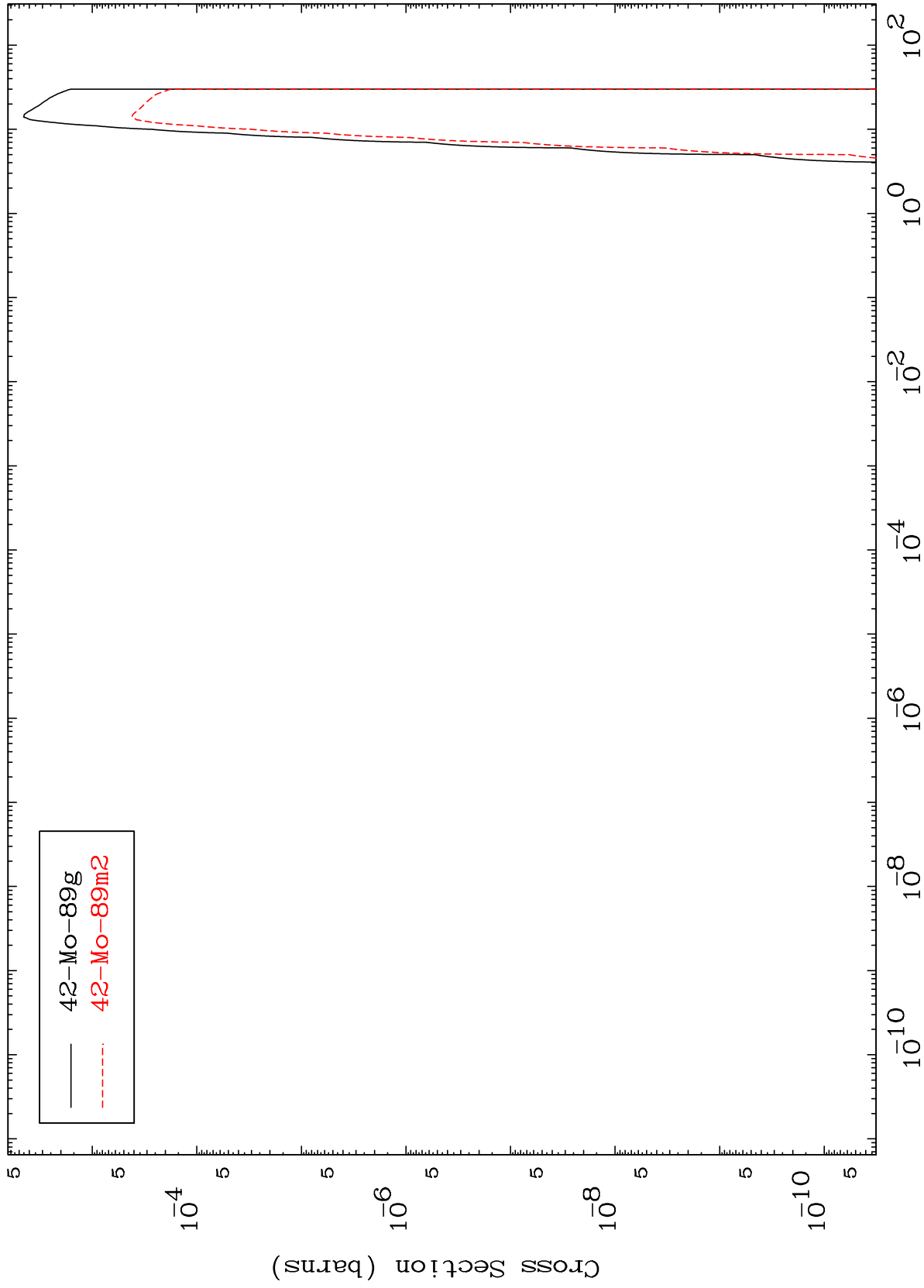
Incident Energy (MeV)

40-Zr-87

MAT 4016

He-3 Inelastic  
Radionuclide Production Cross Section

40-Zr-87



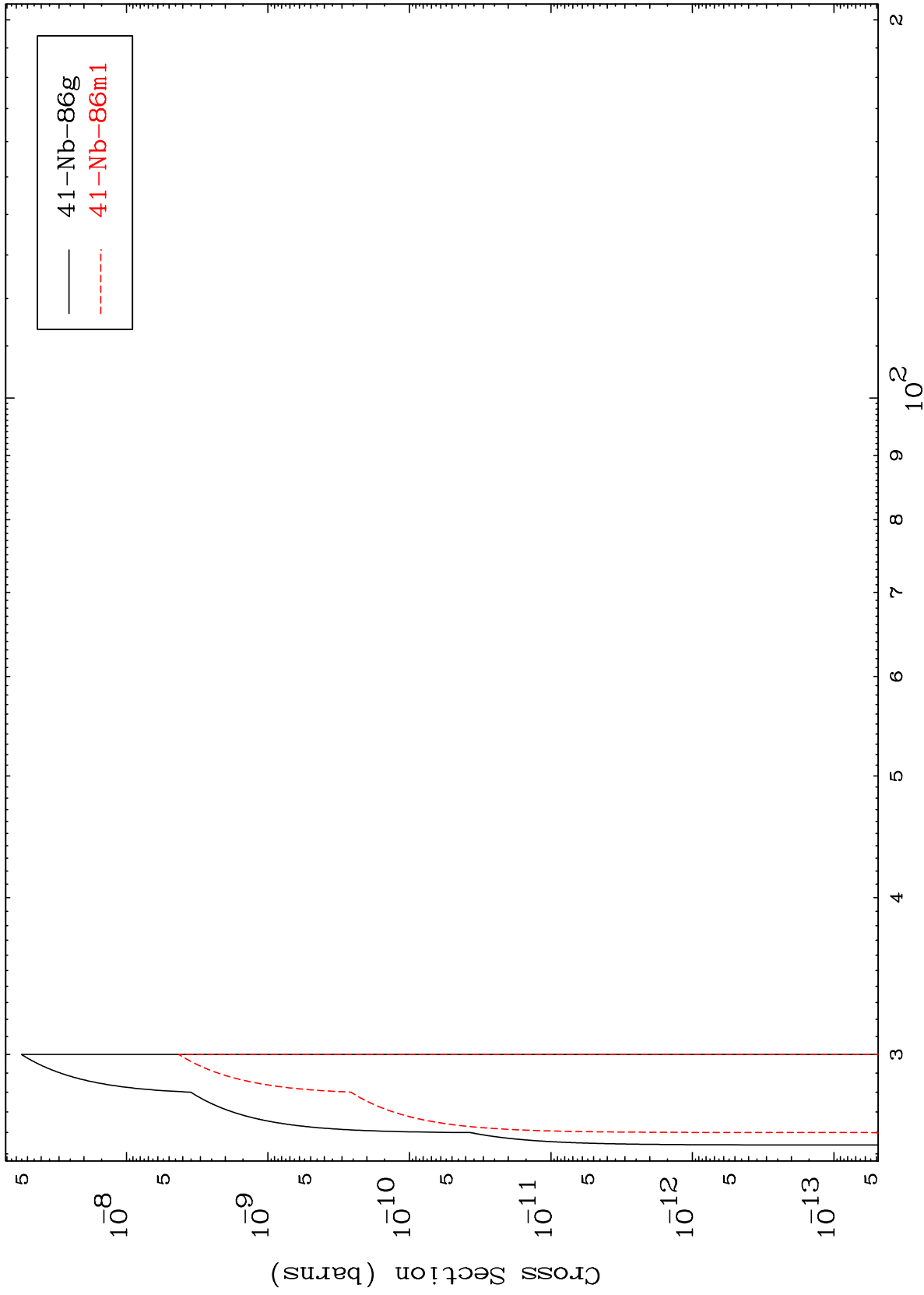
40-Zr-87

MAT 4016

(He-3,2n) d

40-Zr-87

Radionuclide Production Cross Section



12

Incident Energy (MeV)

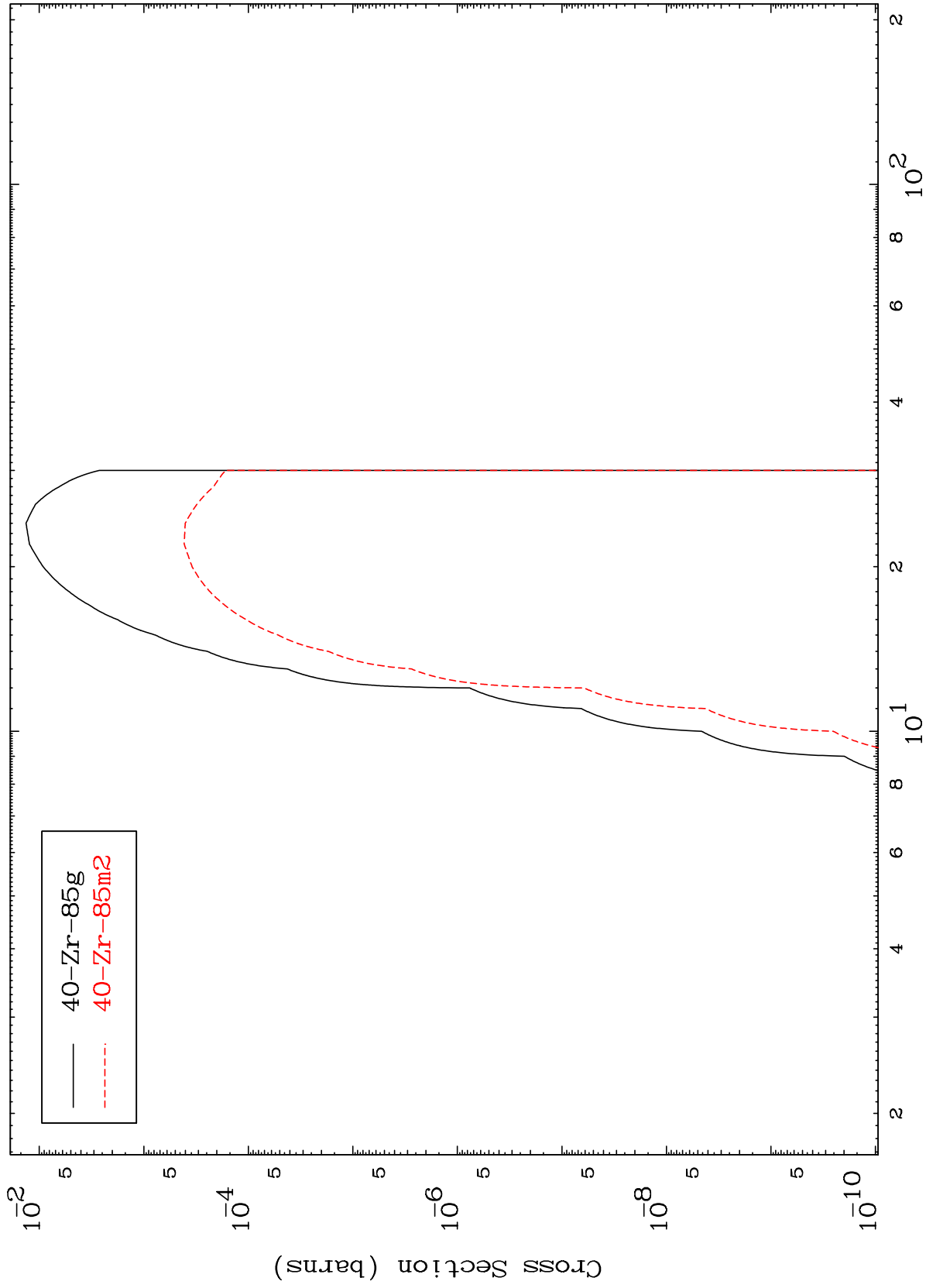
40-Zr-87

MAT 4016

(He-3, n')  $\alpha$

40-Zr-87

Radionuclide Production Cross Section



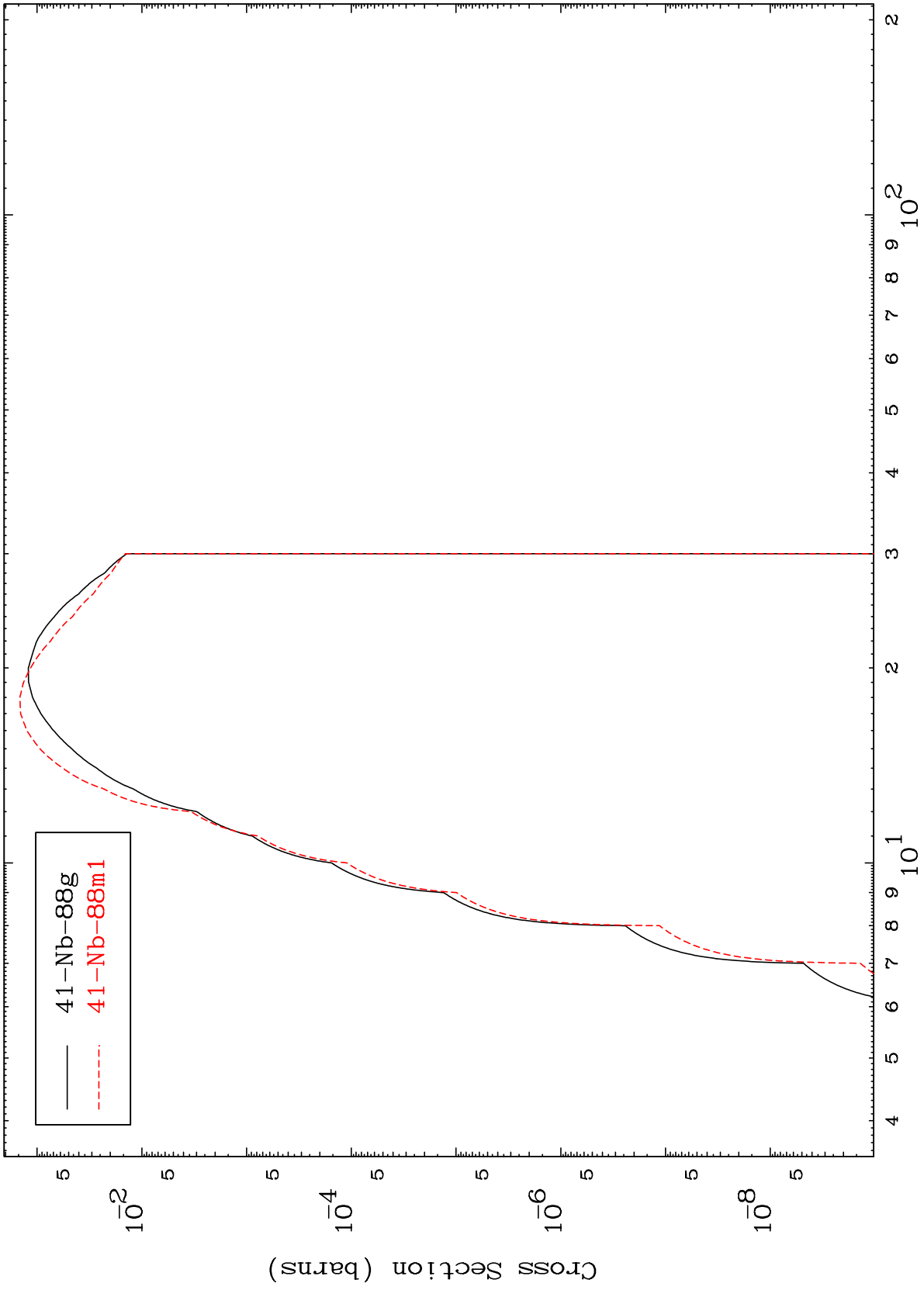
13

40-Zr-87

MAT 4016

40-Zr-87

(He-3, n') p  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

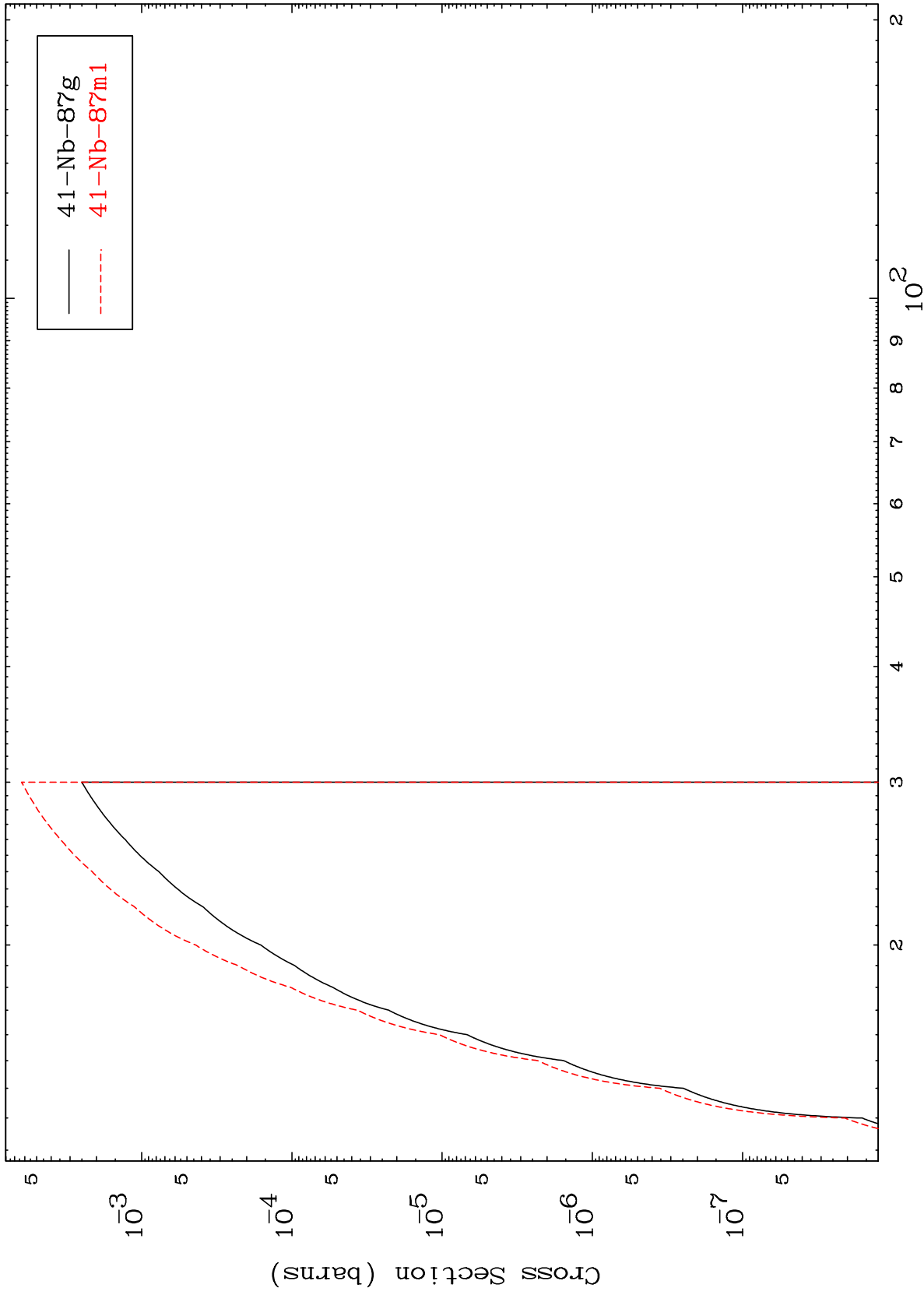
40-Zr-87

MAT 4016

(He-3, n') d

40-Zr-87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

40-Zr-87

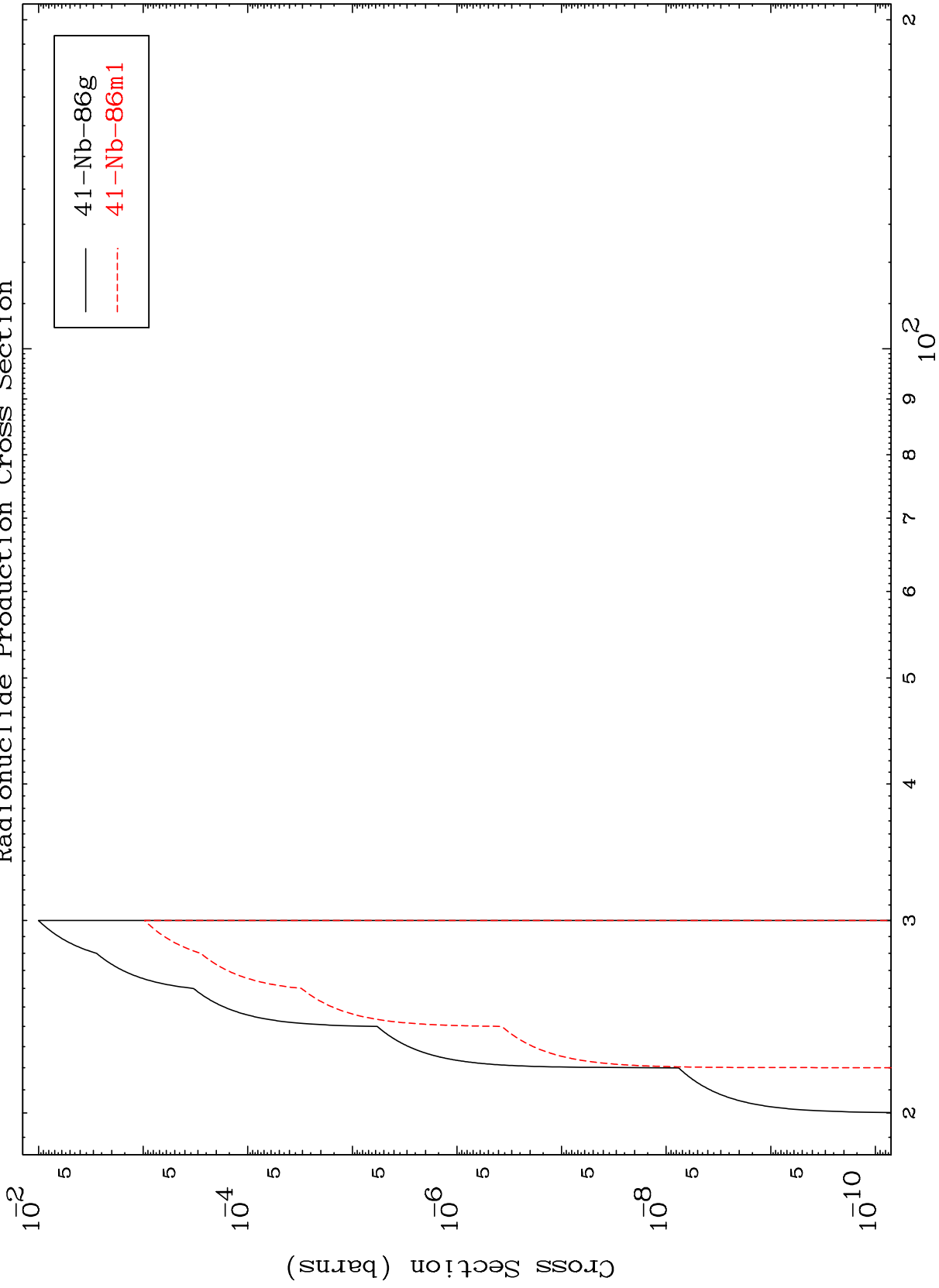


MAT 4016

(He-3, n') t

40-Zr-87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

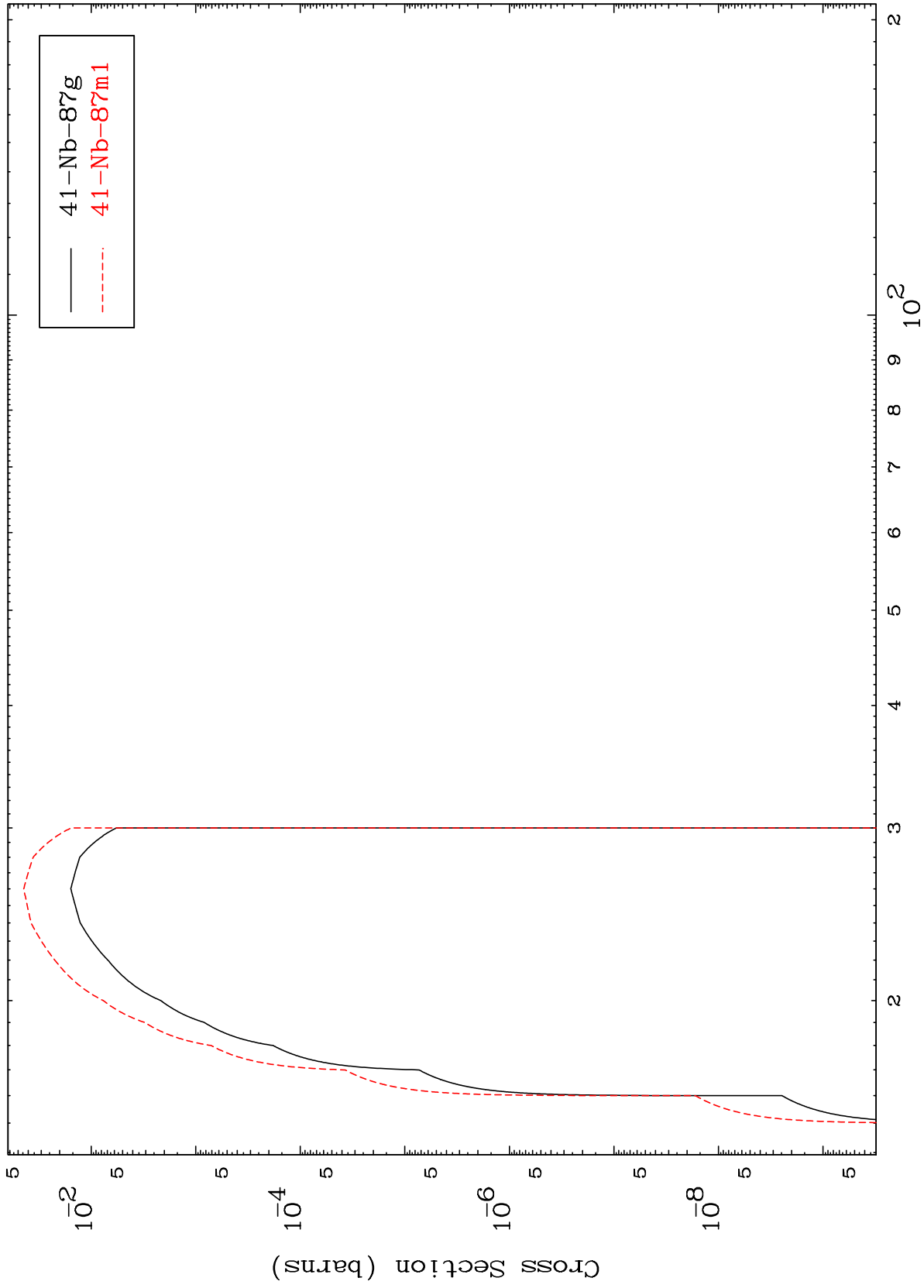
40-Zr-87

MAT 4016

(He-3,2n) p

40-Zr-87

Radionuclide Production Cross Section



17

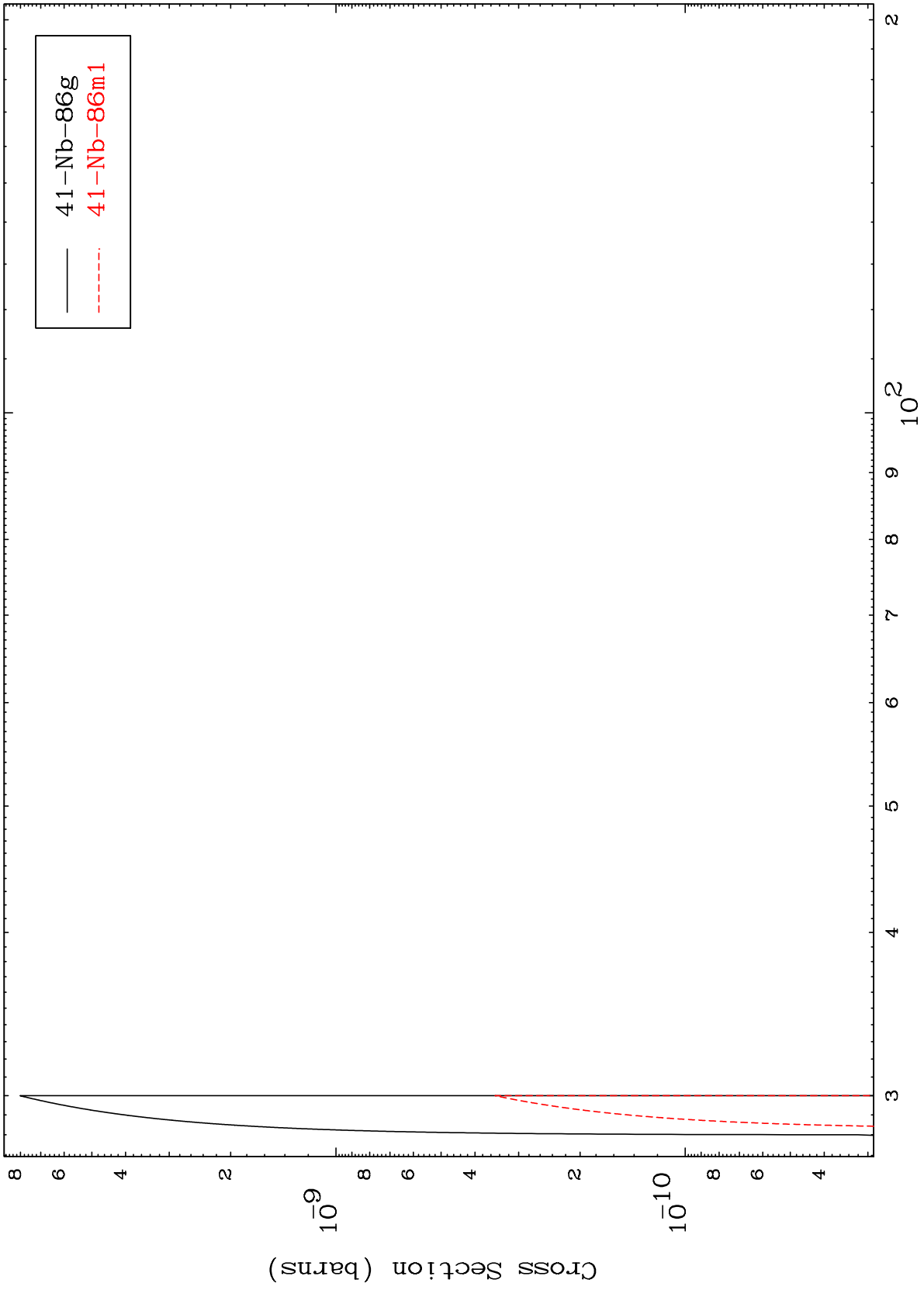
Incident Energy (MeV)

40-Zr-87

MAT 4016

(He-3,3n) p  
Radionuclide Production Cross Section

40-Zr-87



18

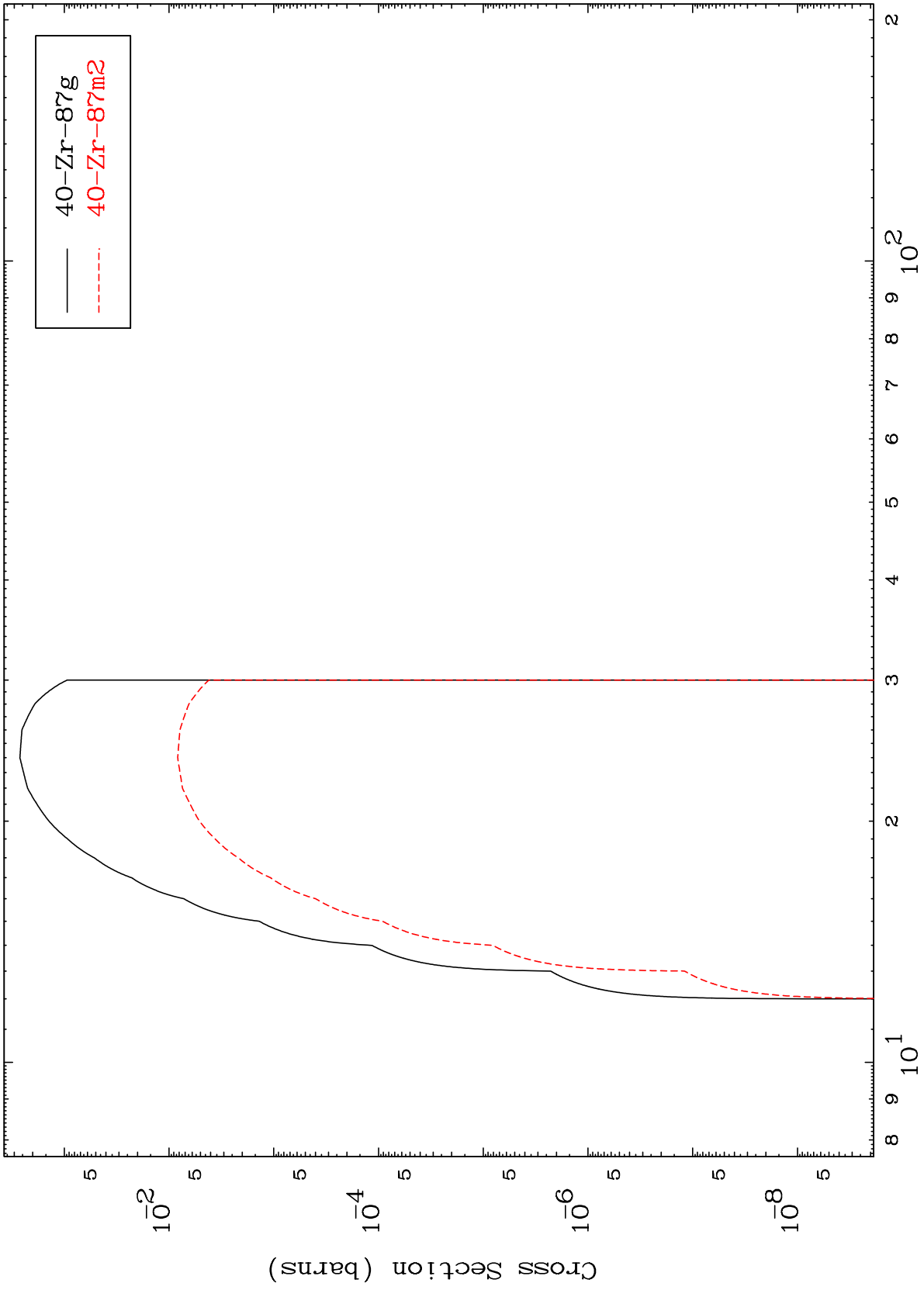
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

(He-3,2n) p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

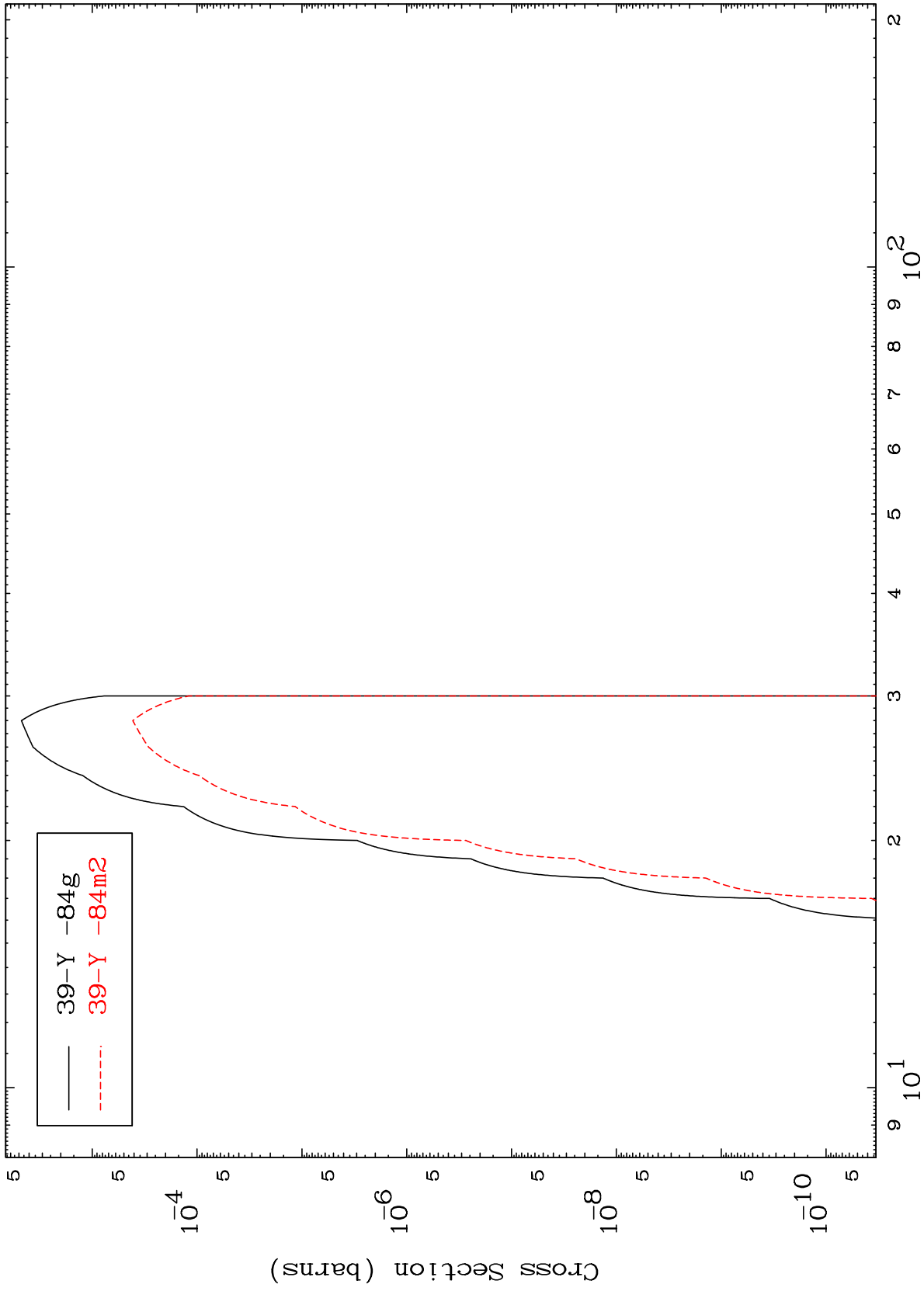
40-Zr-87

MAT 4016

(He-3,n') p  $\alpha$

40-Zr-87

Radionuclide Production Cross Section

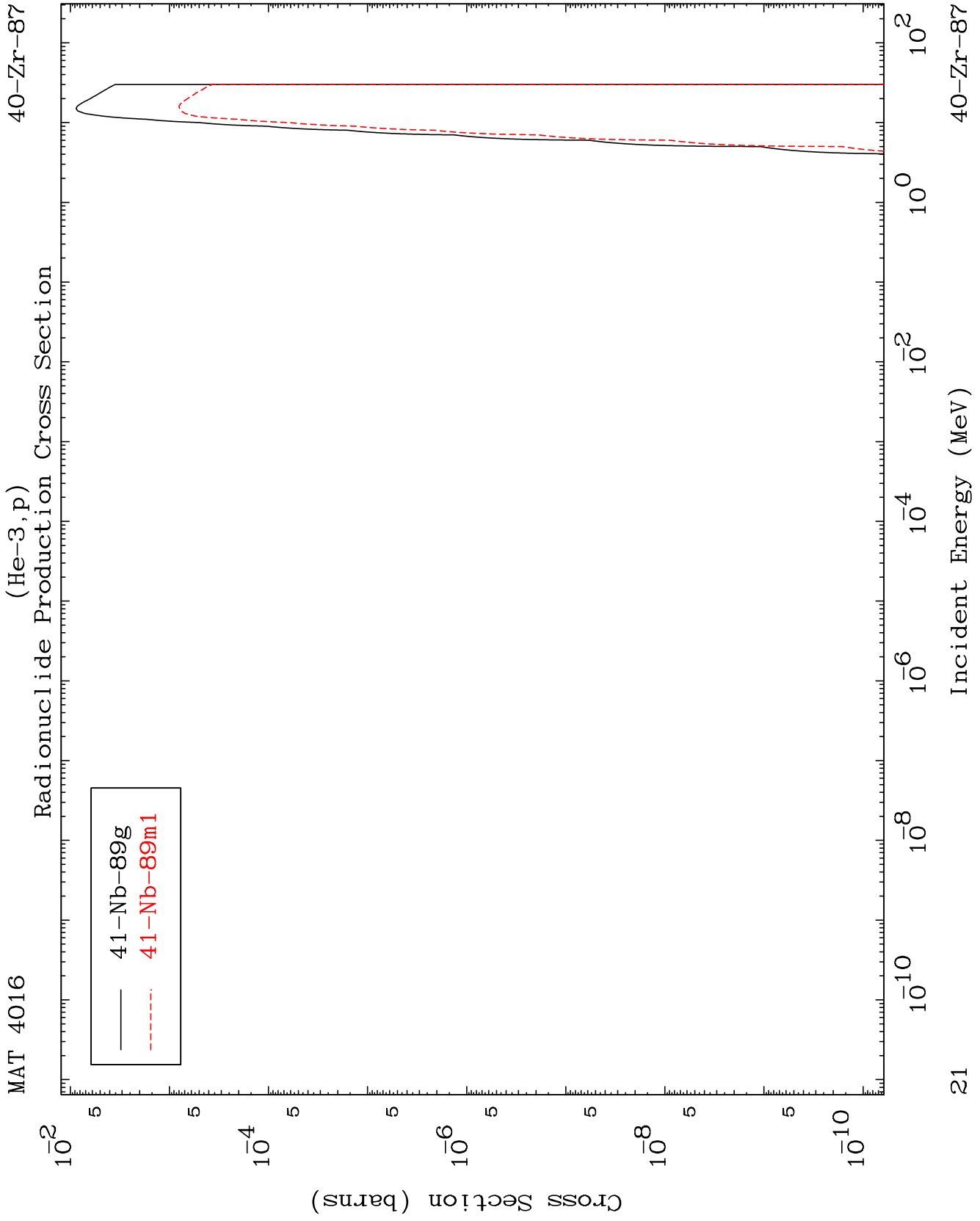


Legend:  
— 39-Y -84g  
- - - 39-Y -84m2

20

Incident Energy (MeV)

40-Zr-87

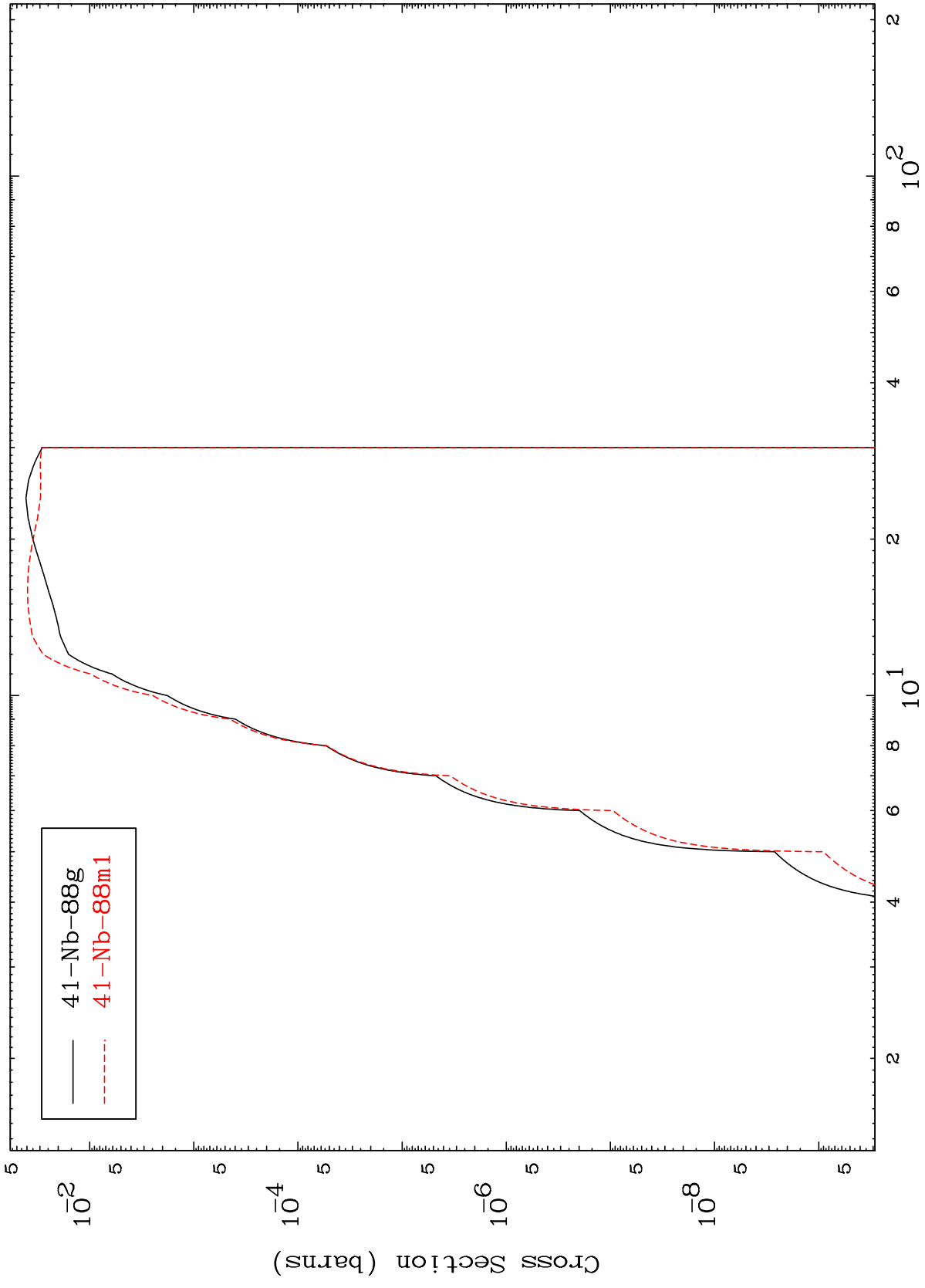


MAT 4016

(He-3,d)

40-Zr-87

Radionuclide Production Cross Section



22

Incident Energy (MeV)

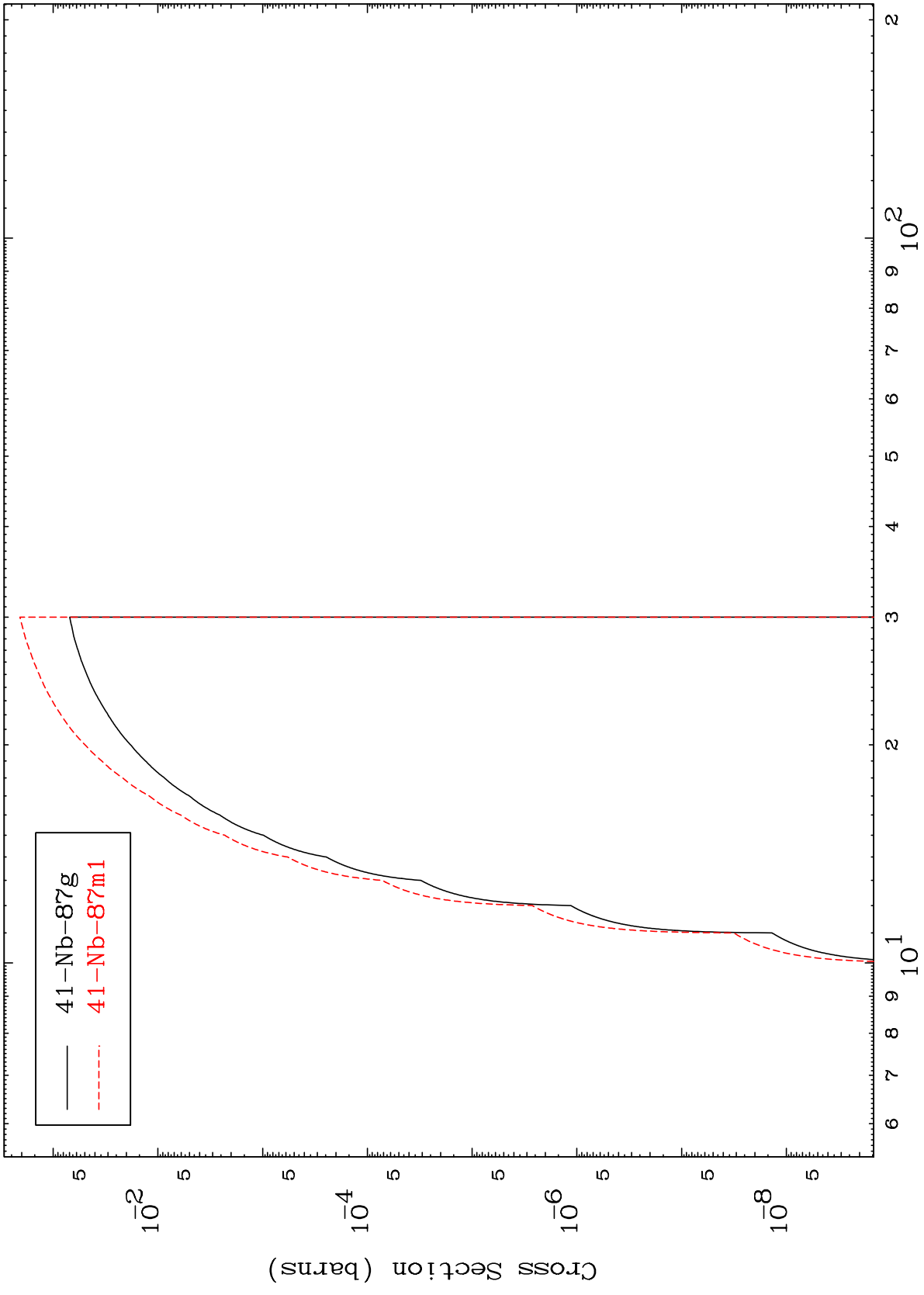
40-Zr-87

MAT 4016

(He-3, t)

40-Zr-87

Radionuclide Production Cross Section



23

Incident Energy (MeV)

40-Zr-87

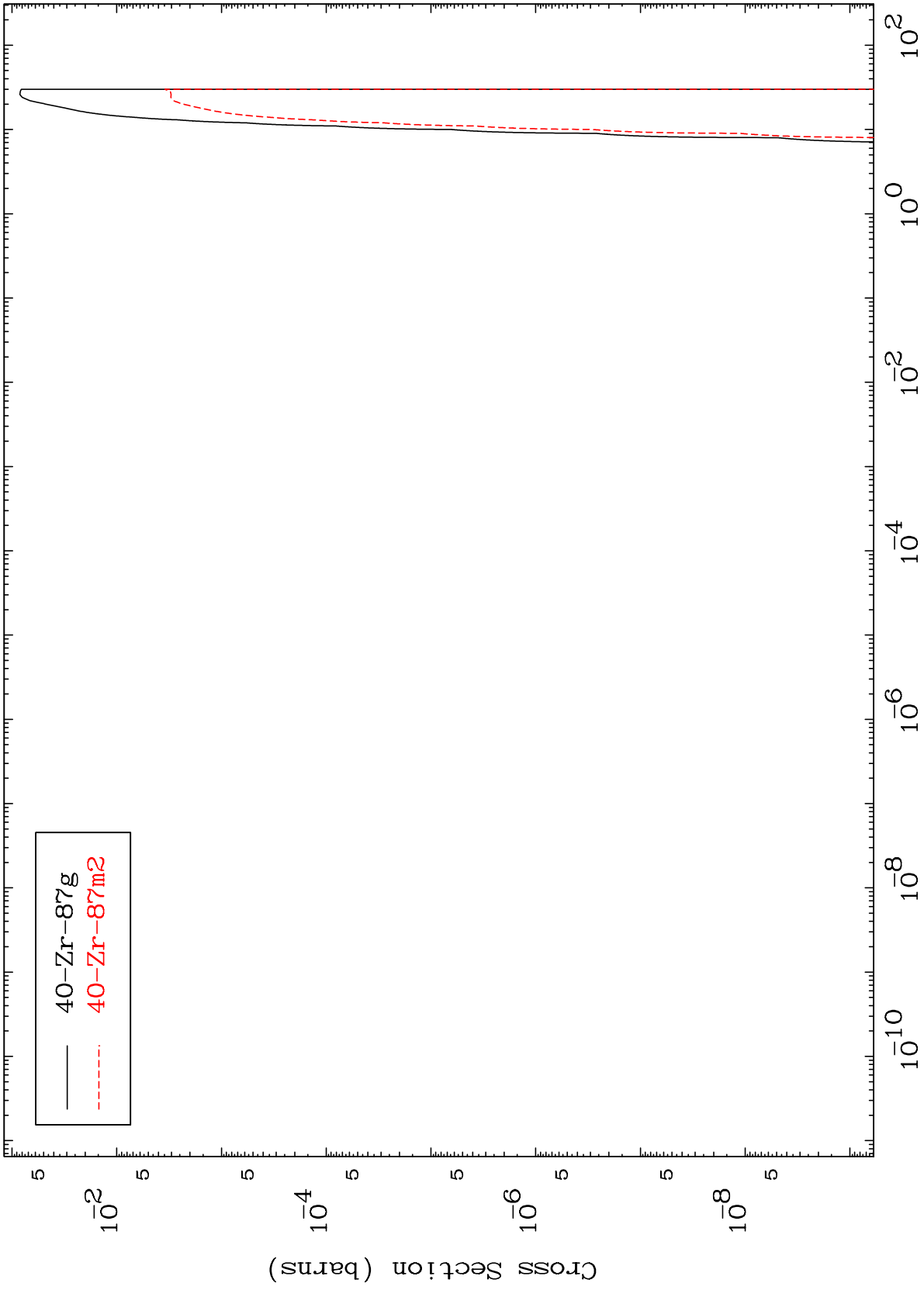


MAT 4016

(He-3, He-3)

40-Zr-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

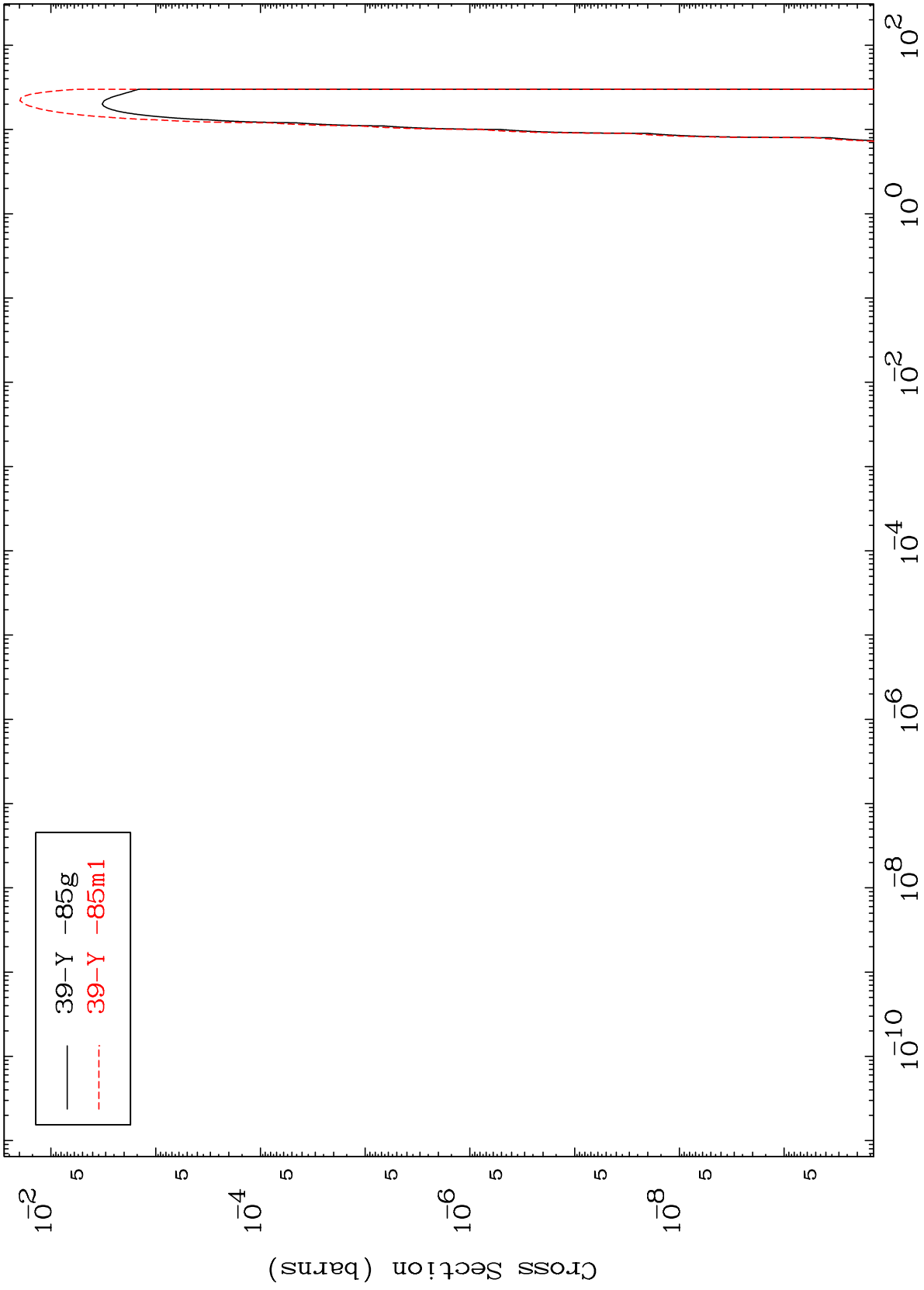
40-Zr-87

MAT 4016

(He-3, p)  $\alpha$

40-Zr-87

Radionuclide Production Cross Section



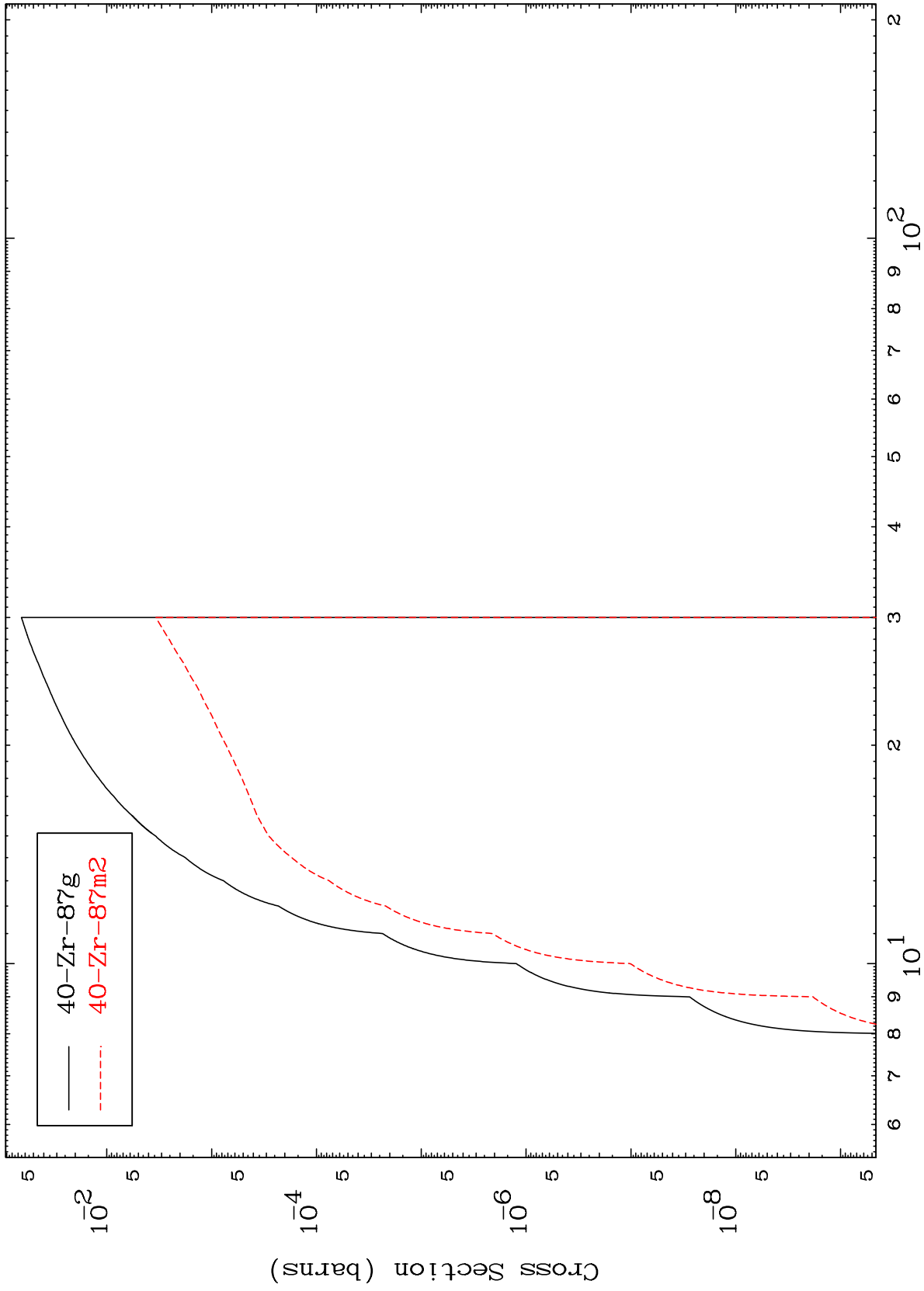
39-Y -85g  
39-Y -85m1

MAT 4016

(He-3,p) d

40-Zr-87

Radionuclide Production Cross Section



26

Incident Energy (MeV)

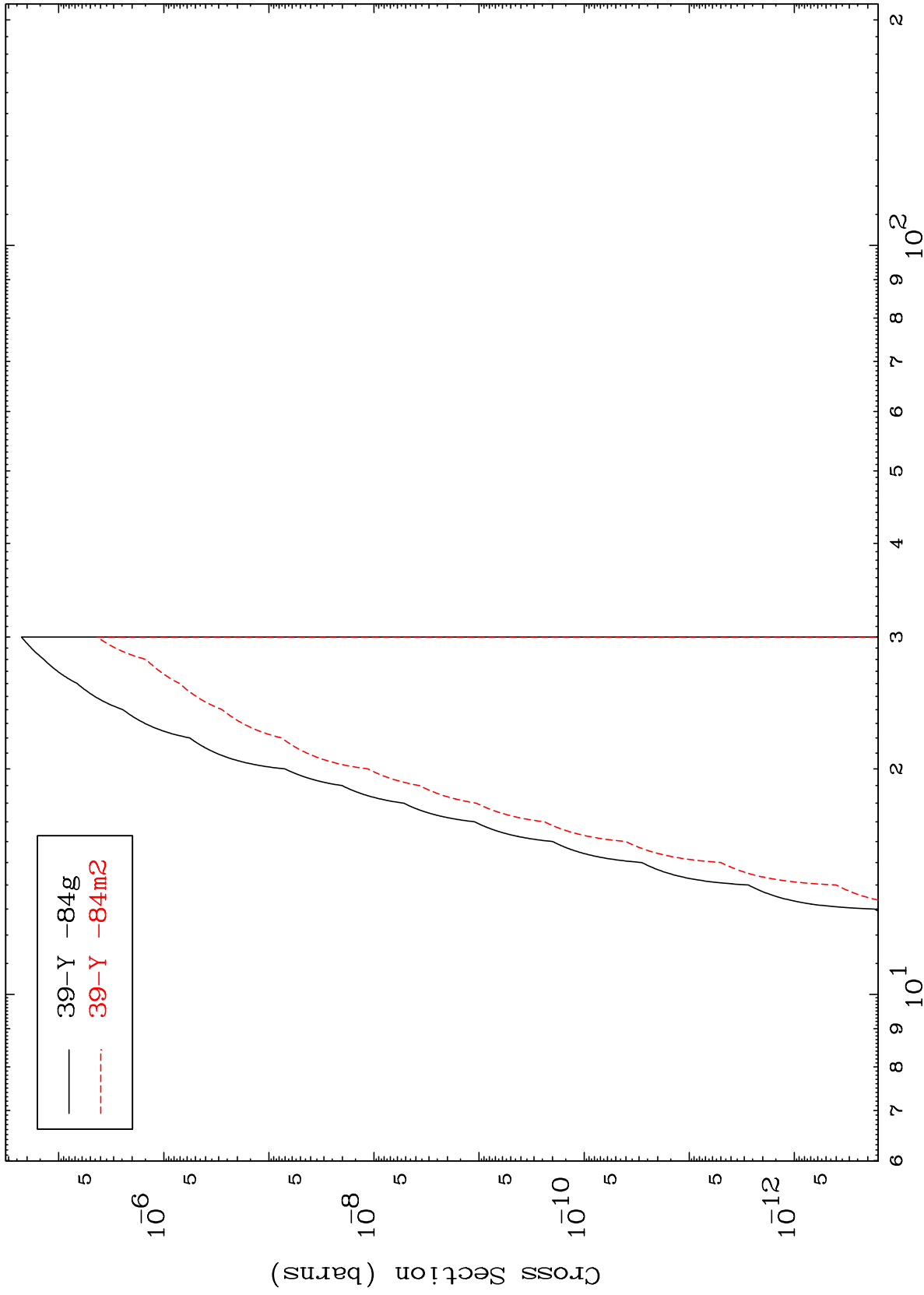
40-Zr-87

MAT 4016

(He-3,d)  $\alpha$

40-Zr-87

Radionuclide Production Cross Section



27

Incident Energy (MeV)

40-Zr-87