

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

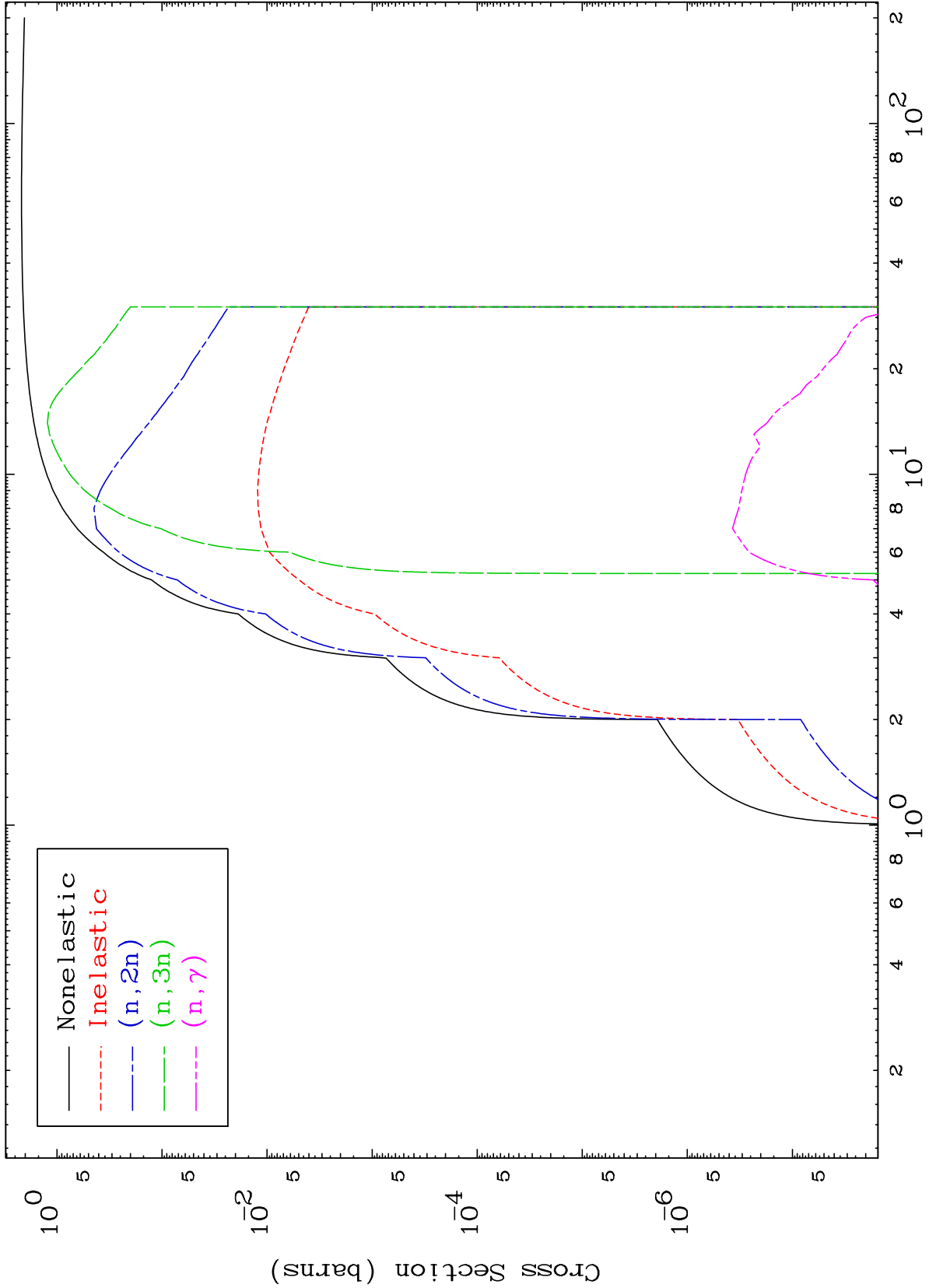
Press Mouse Button to Start

MAT 4055

Deuteron Major

40-Zr-100

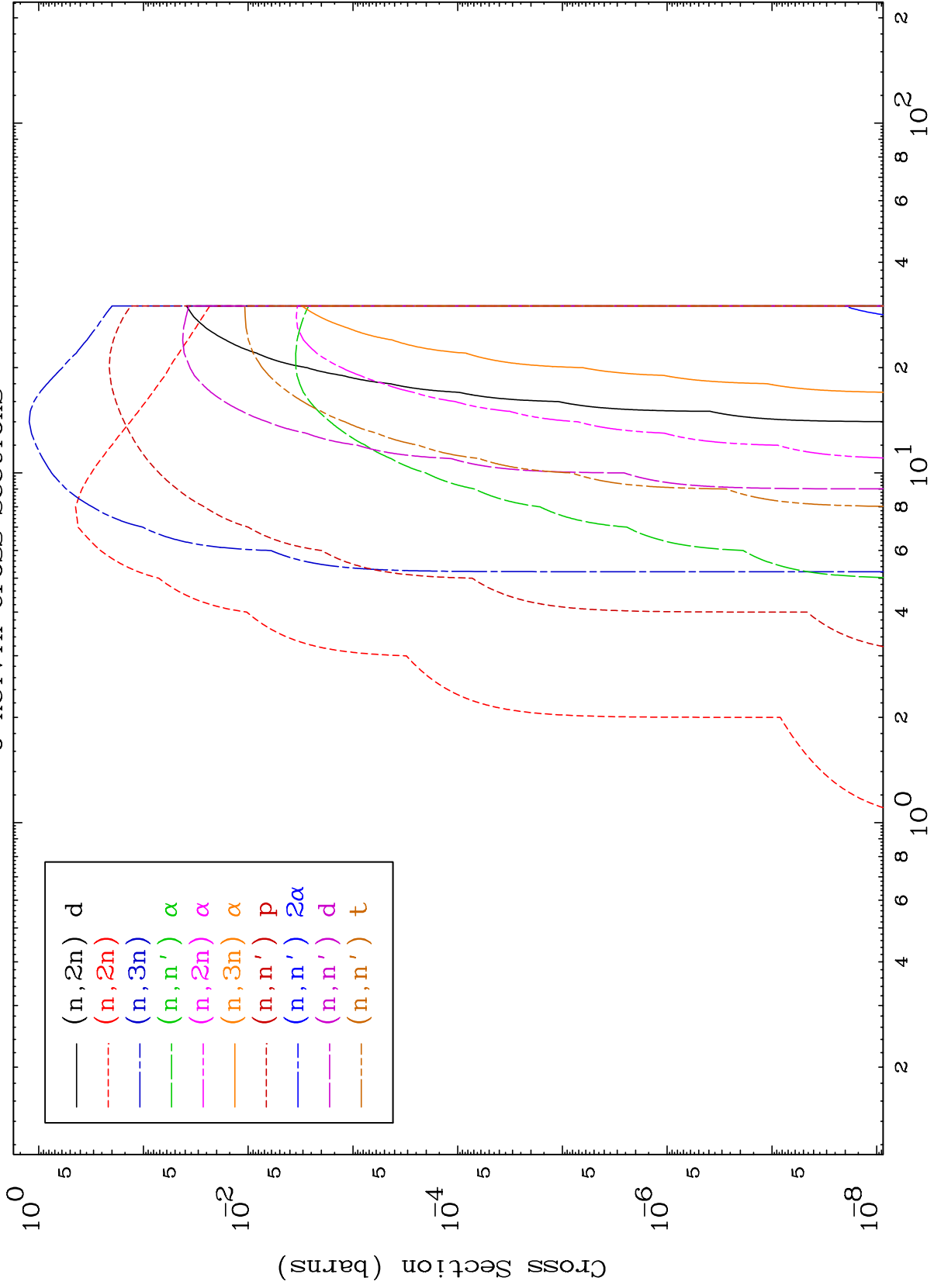
0 Kelvin Cross Sections



MAT 4055

Deuteron Neutron Absorption
0 Kelvin Cross Sections

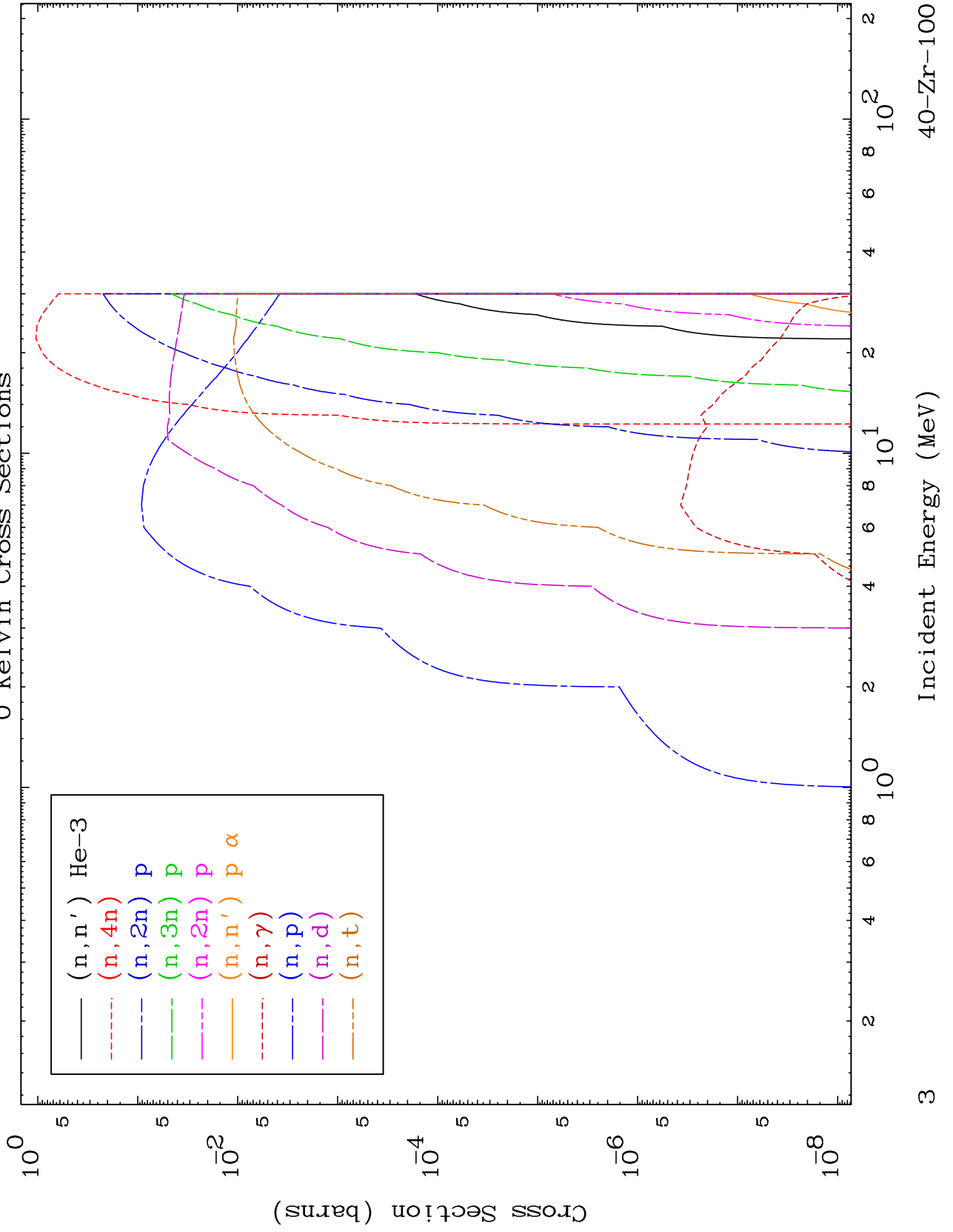
40-Zr-100



MAT 4055

Deuteron Neutron Absorption
0 Kelvin Cross Sections

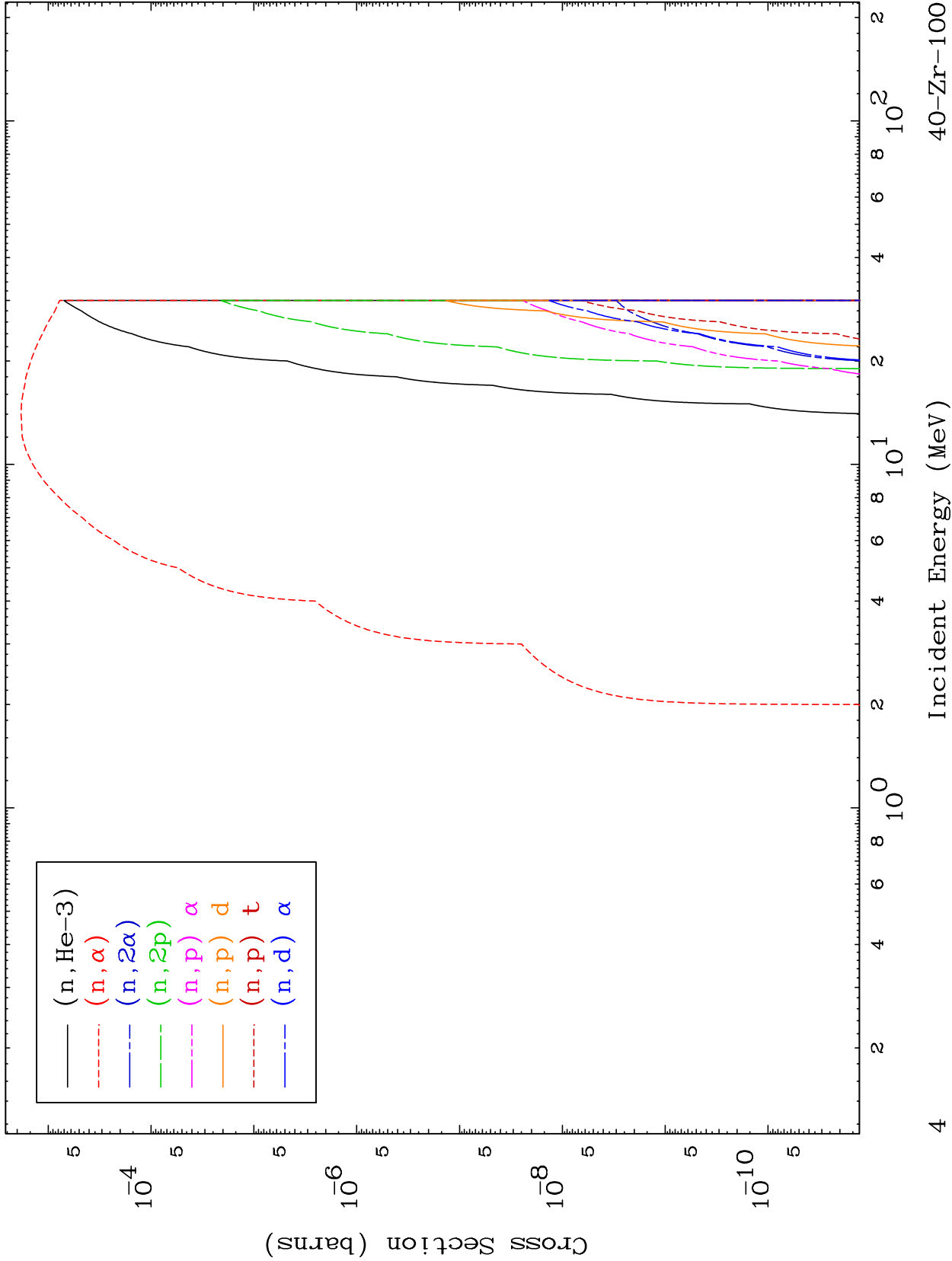
40-Zr-100

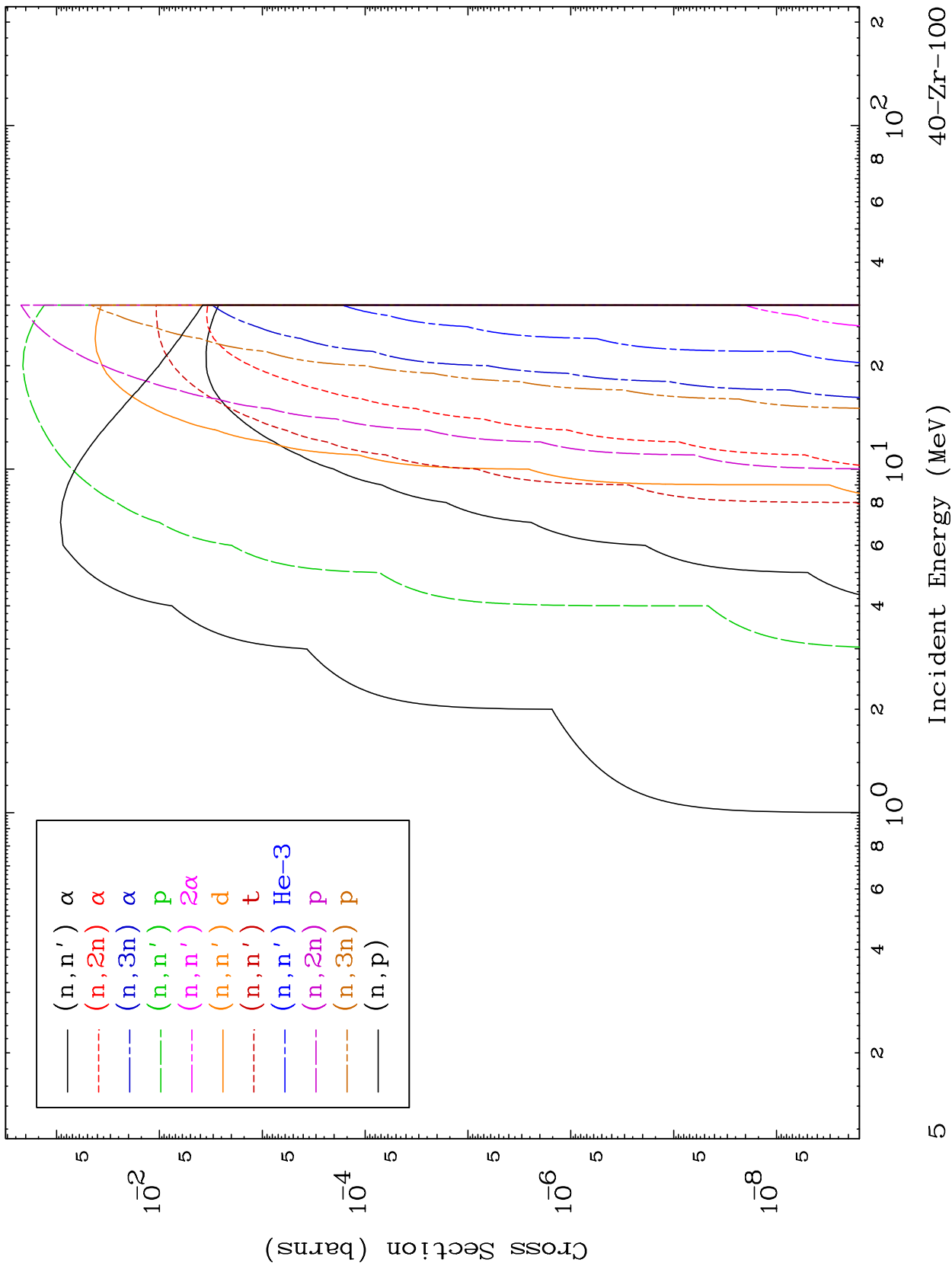


MAT 4055

Deuteron Neutron Absorption
0 Kelvin Cross Sections

40-Zr-100

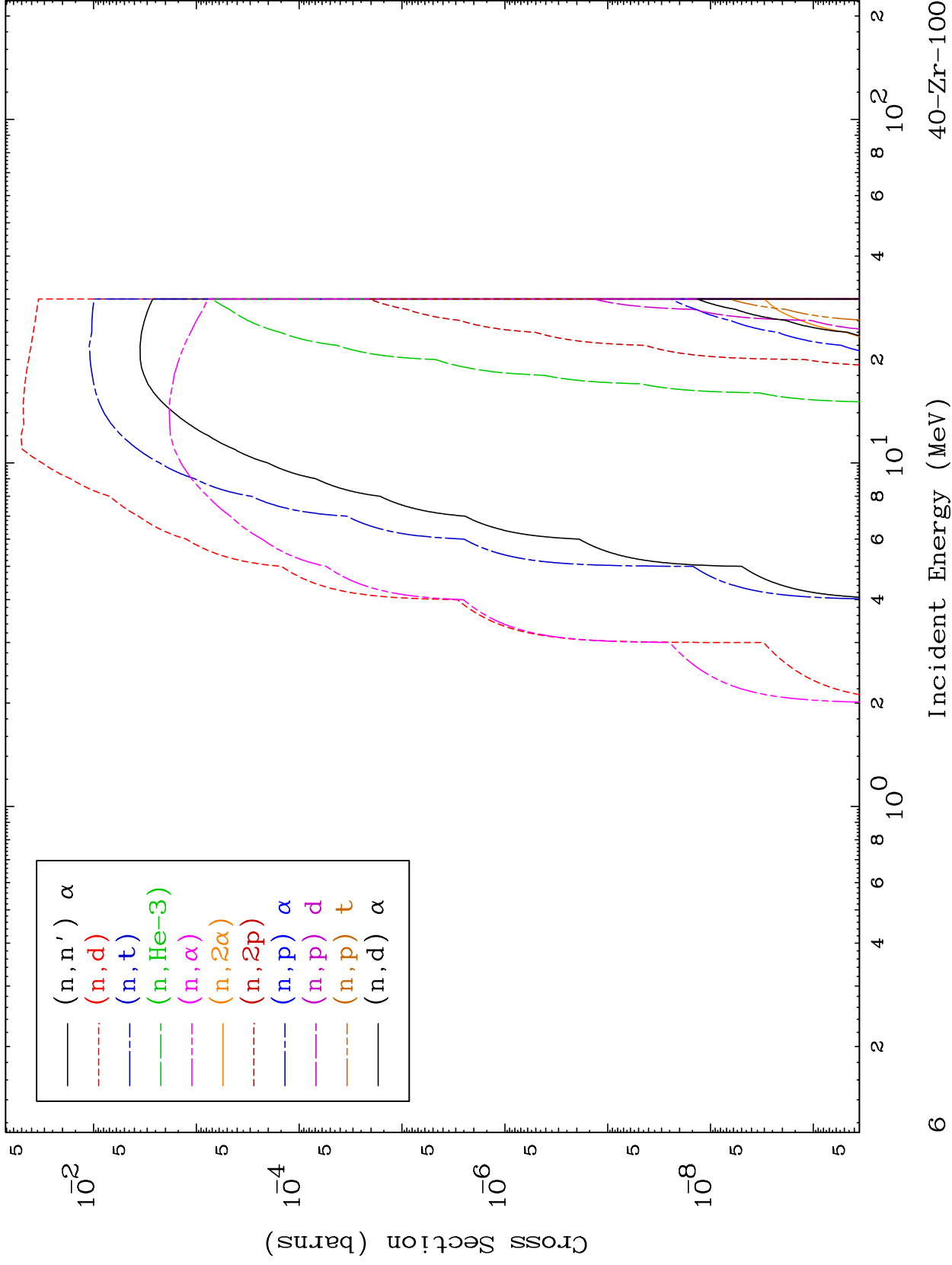




MAT 4055

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-100

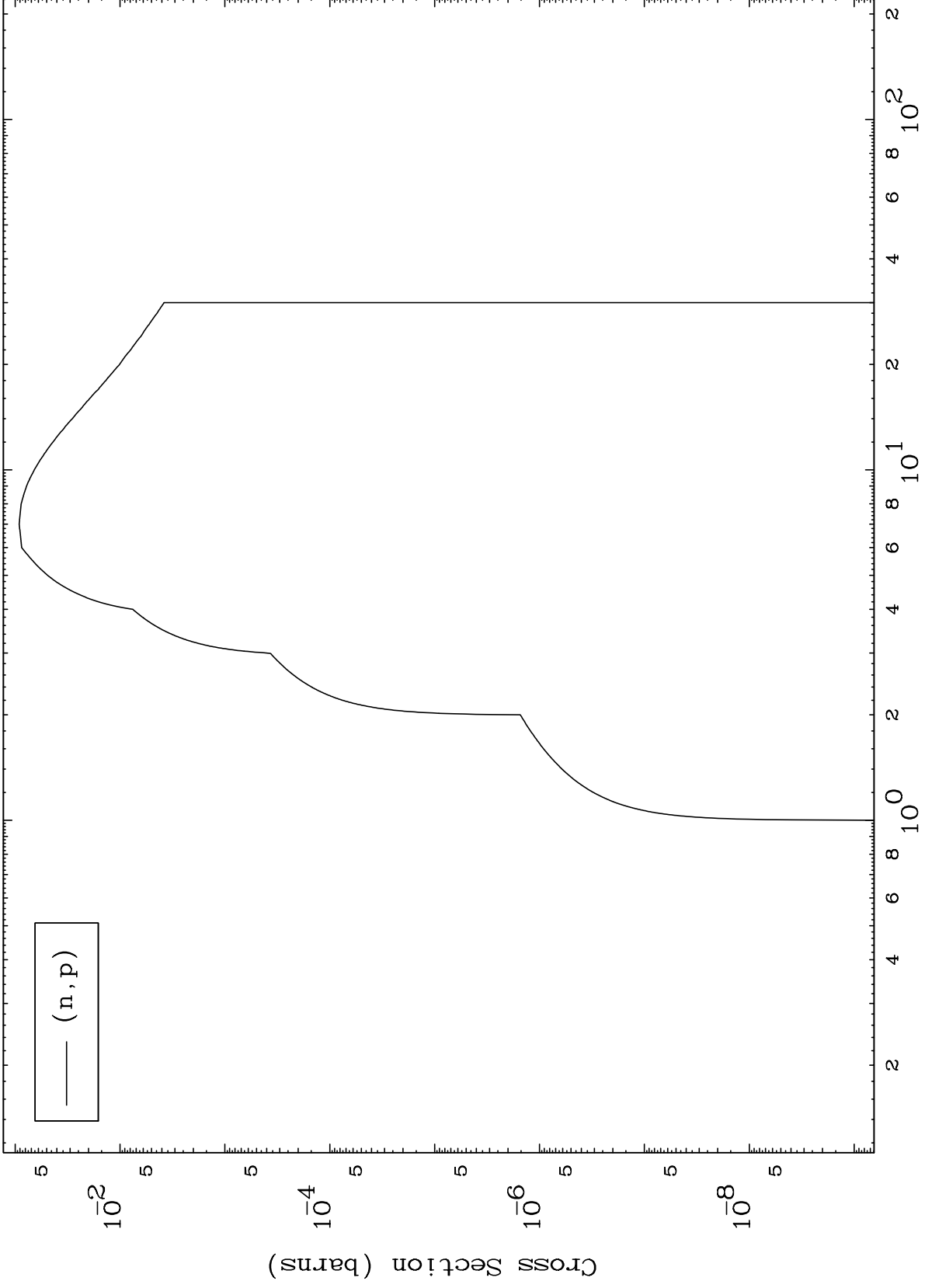


MAT 4055

(d,p) Levels

40-Zr-100

0 Kelvin Cross Sections

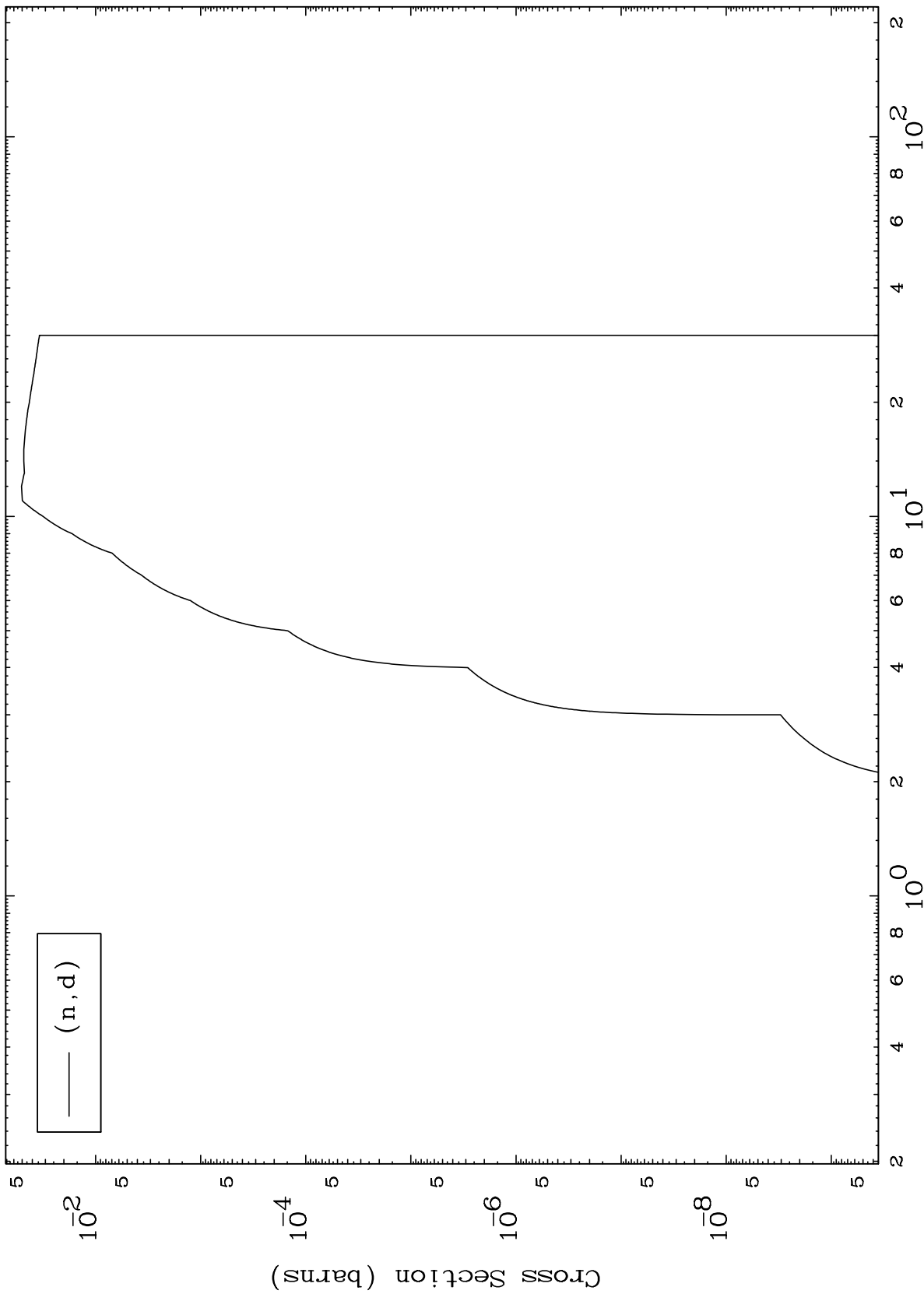


MAT 4055

(d,d) Levels

40-Zr-100

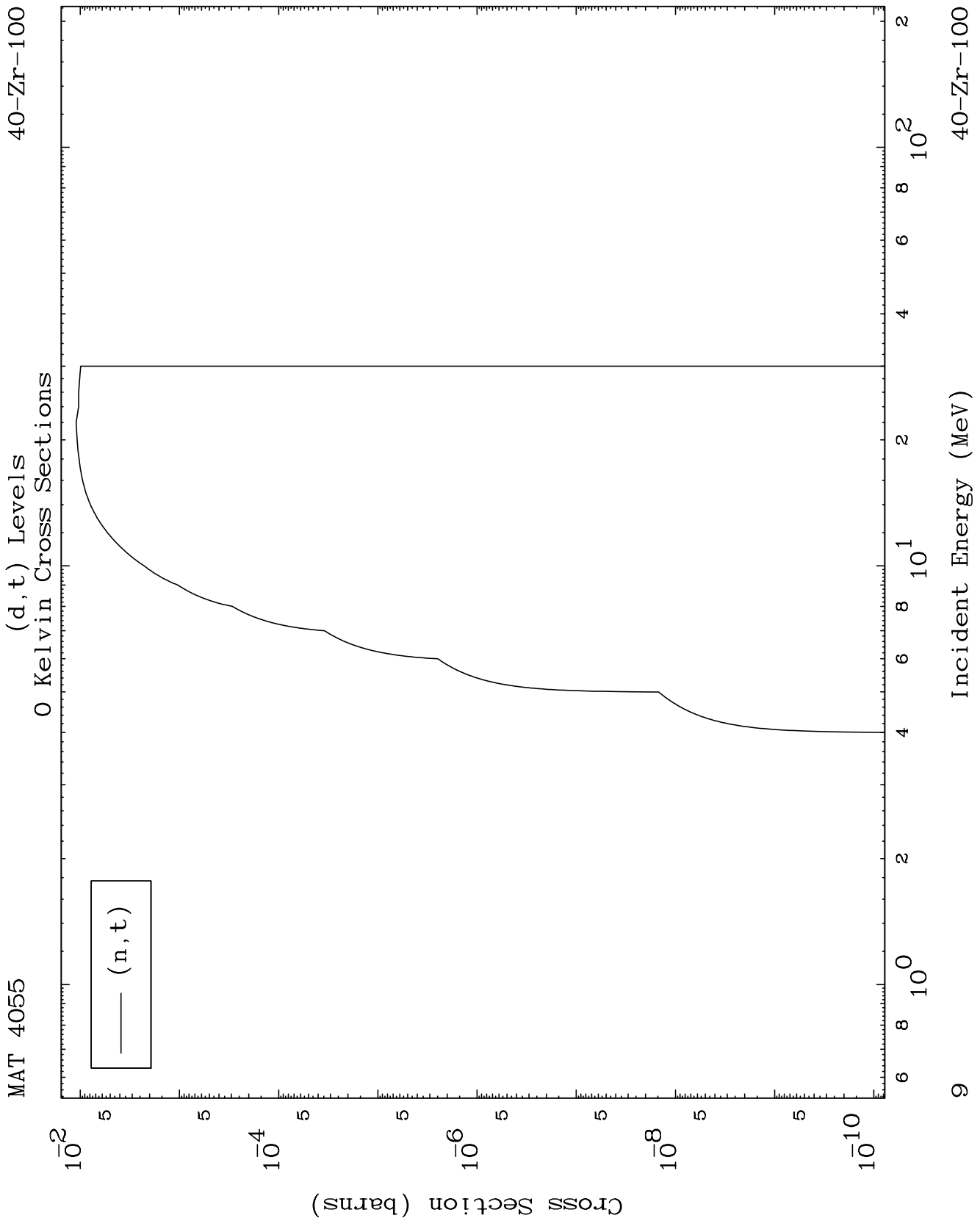
0 Kelvin Cross Sections



8

Incident Energy (MeV)

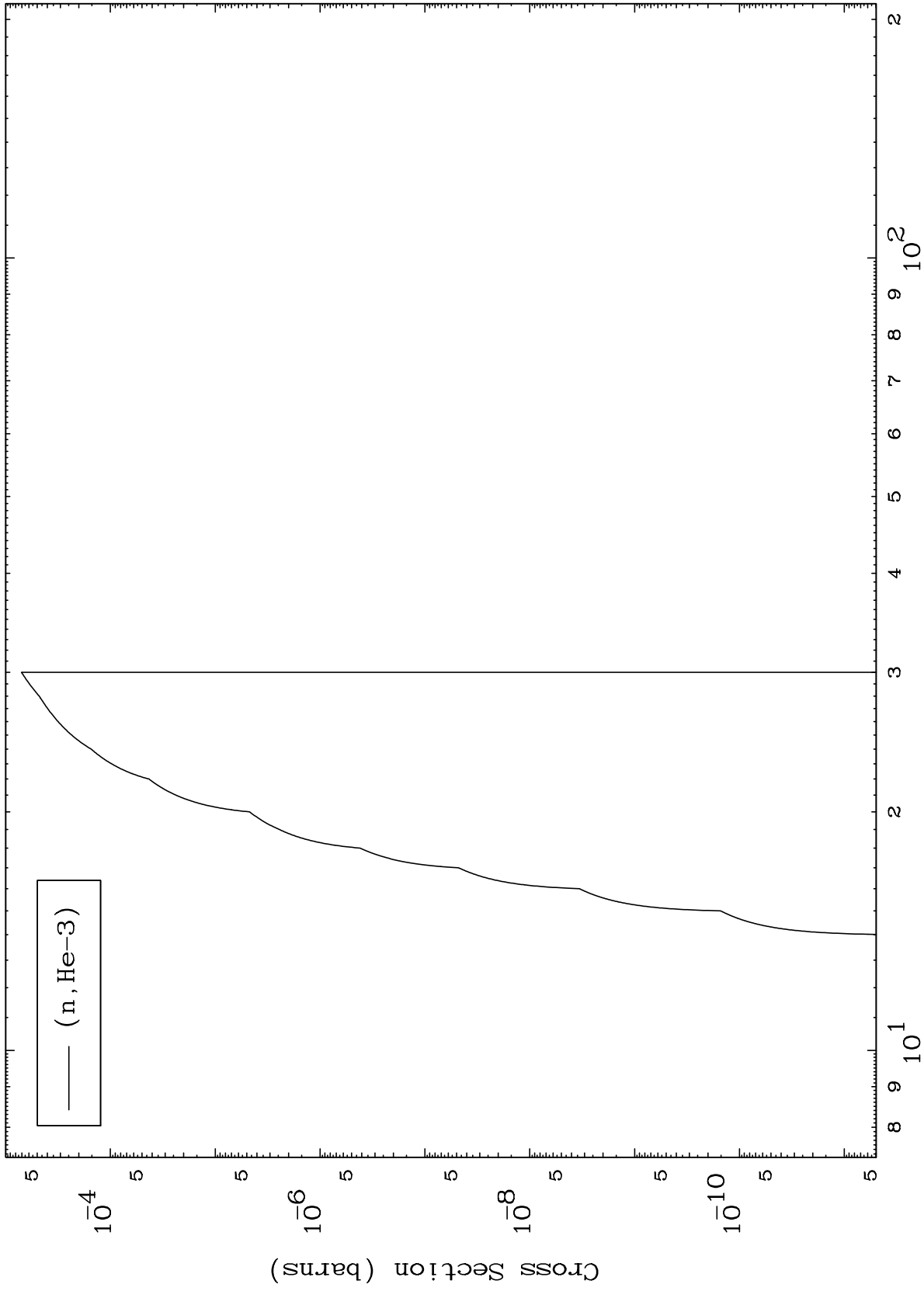
40-Zr-100



MAT 4055

40-Zr-100

(d,He3) Levels
0 Kelvin Cross Sections



40-Zr-100

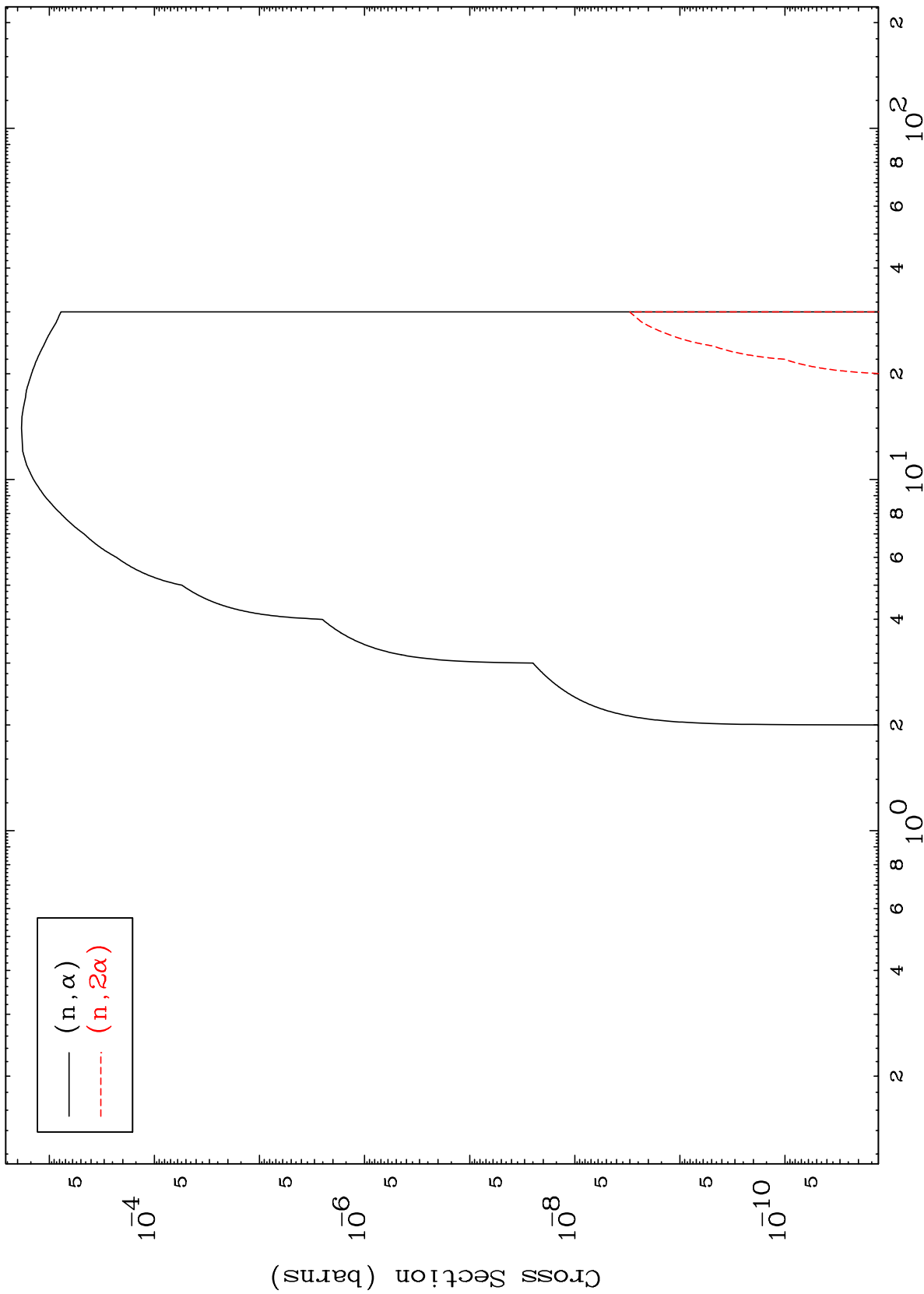
Incident Energy (MeV)

10

MAT 4055

40-Zr-100

(d, α) Levels
0 Kelvin Cross Sections



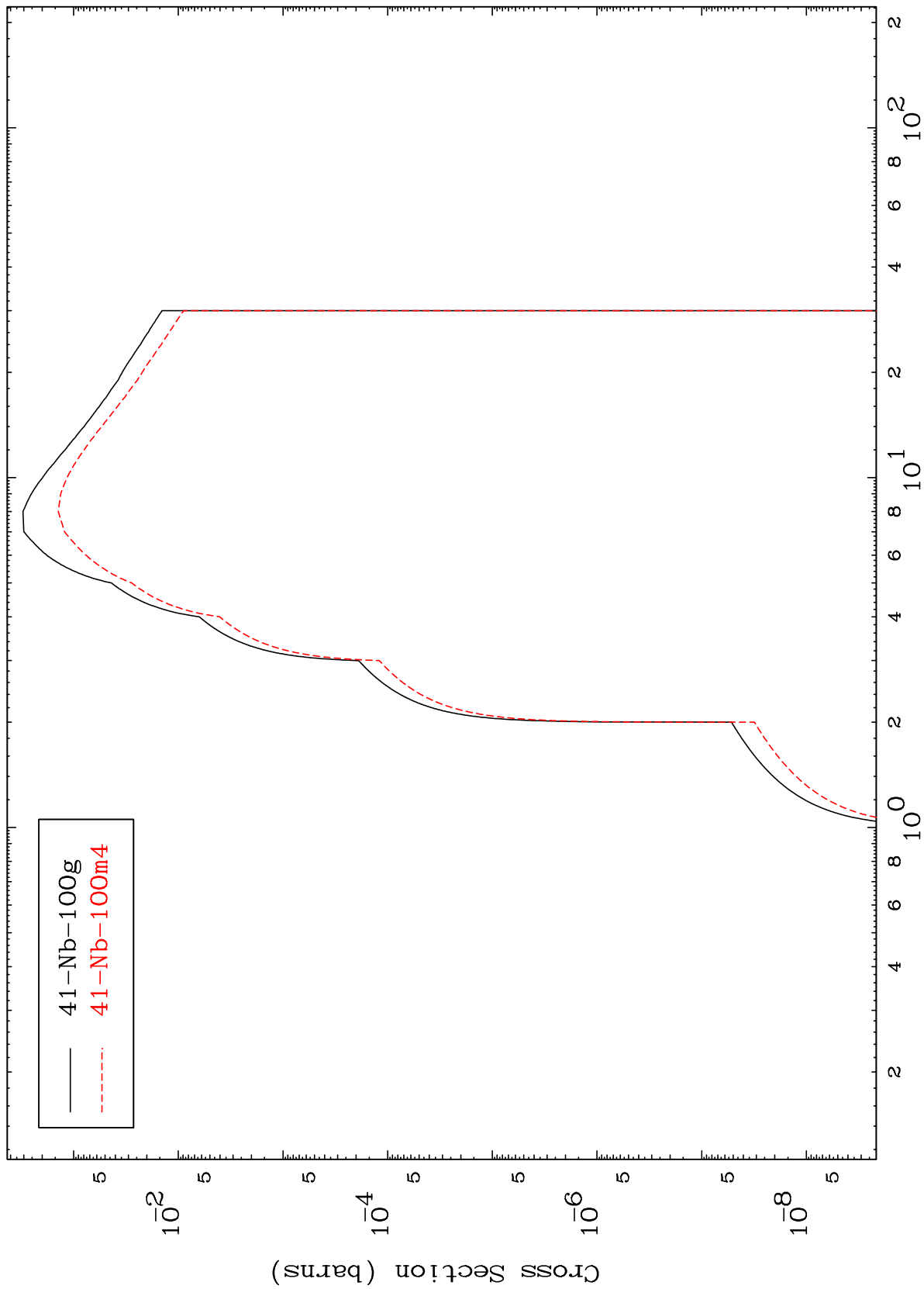
40-Zr-100

Incident Energy (MeV)

MAT 4055

40-Zr-100

Radionuclide Production Cross Section (n,2n)



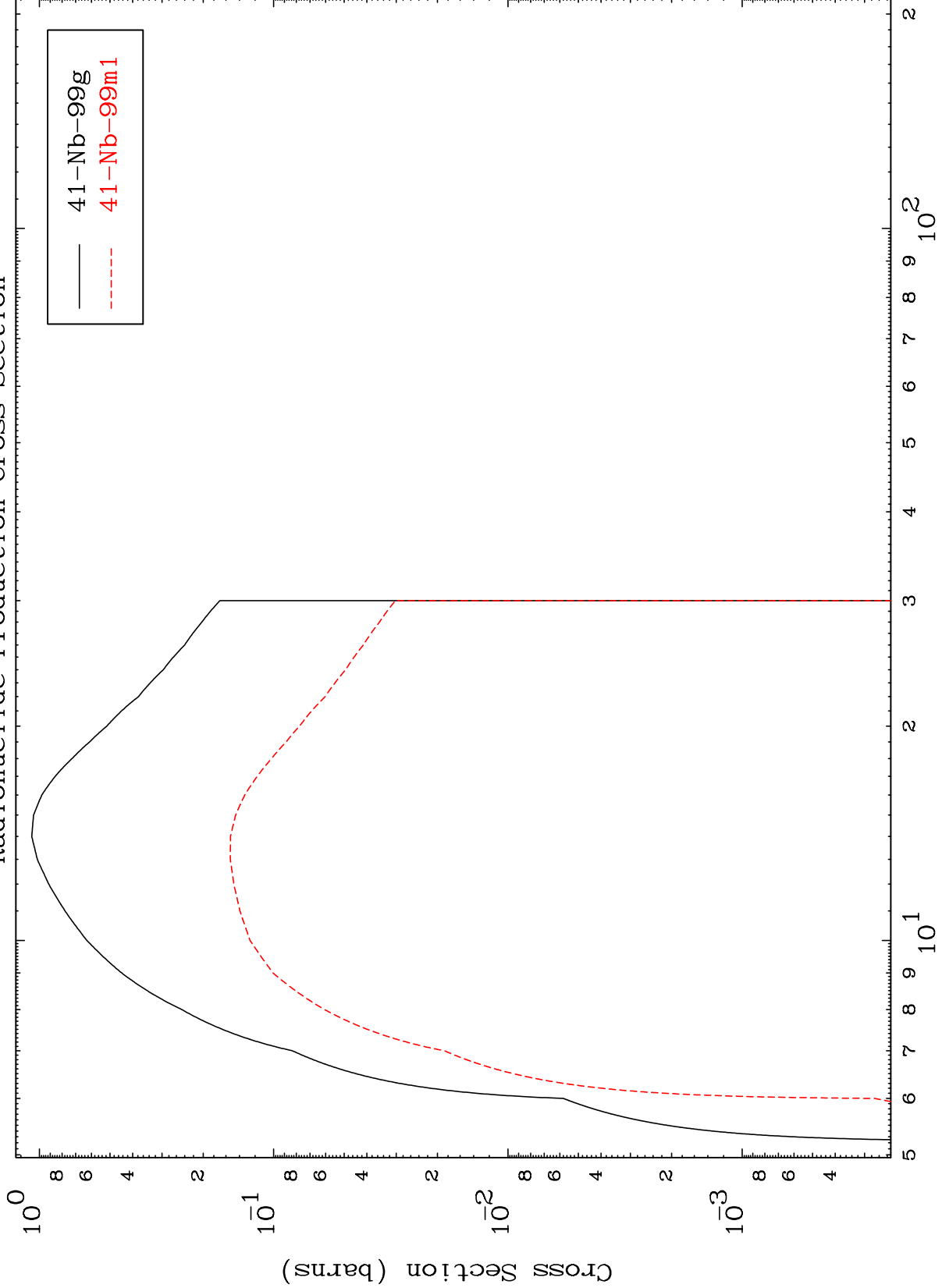
— 41-Nb-100g
- - - 41-Nb-100m4

MAT 4055

(n,3n)

40-Zr-100

Radionuclide Production Cross Section



13

Incident Energy (MeV)

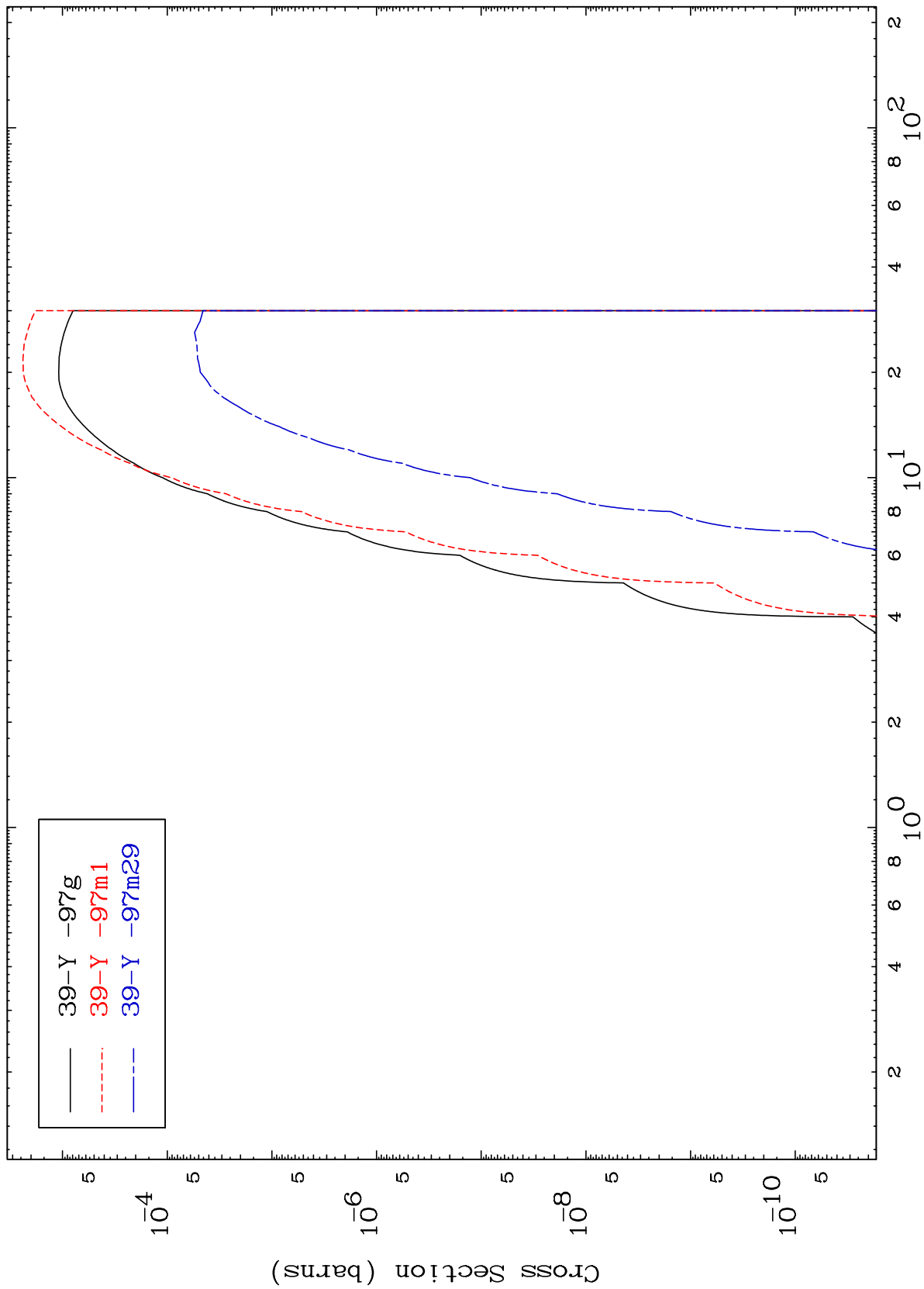
40-Zr-100

MAT 4055

$(n, n') \alpha$

40-Zr-100

Radionuclide Production Cross Section

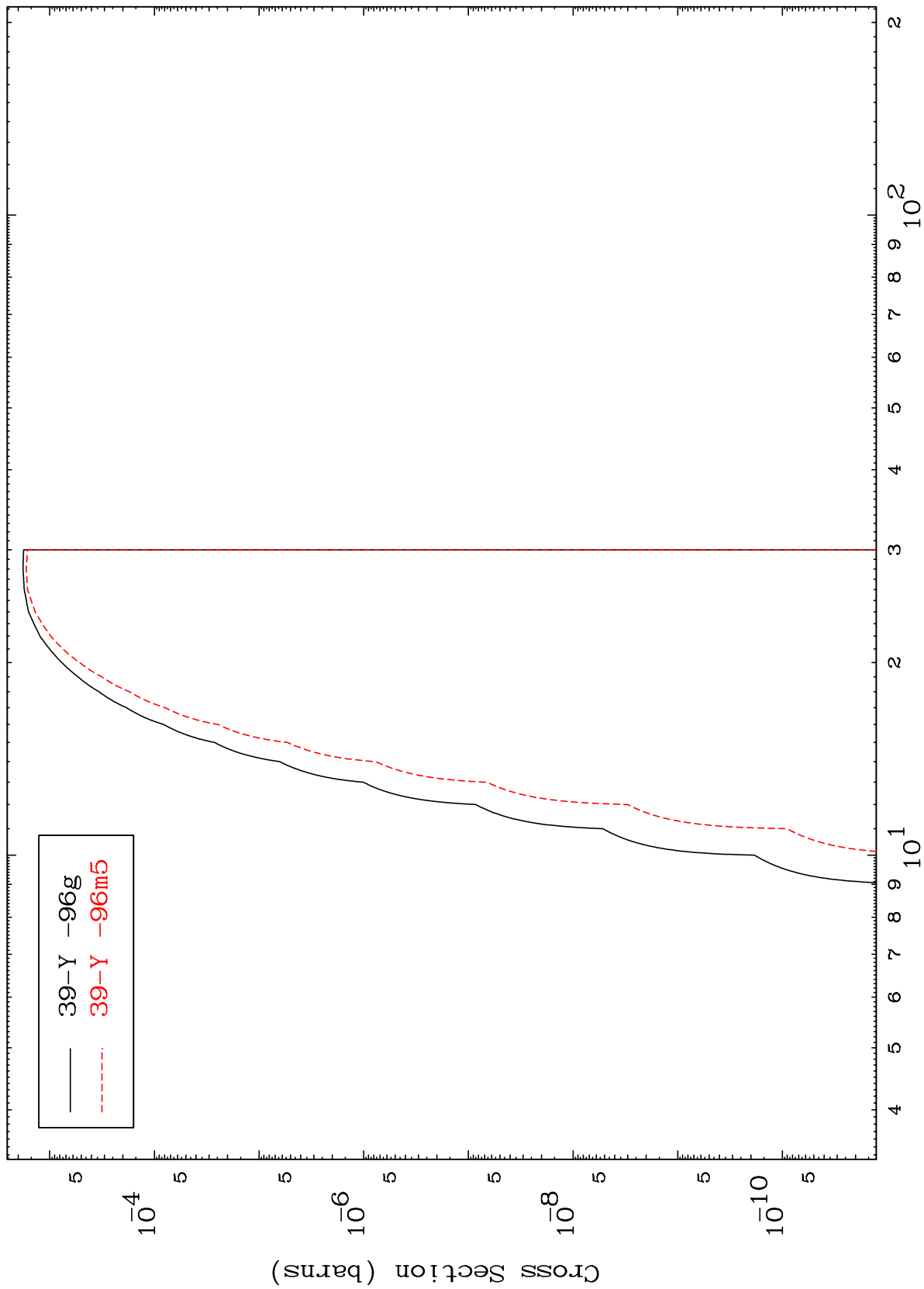


MAT 4055

40-Zr-100

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

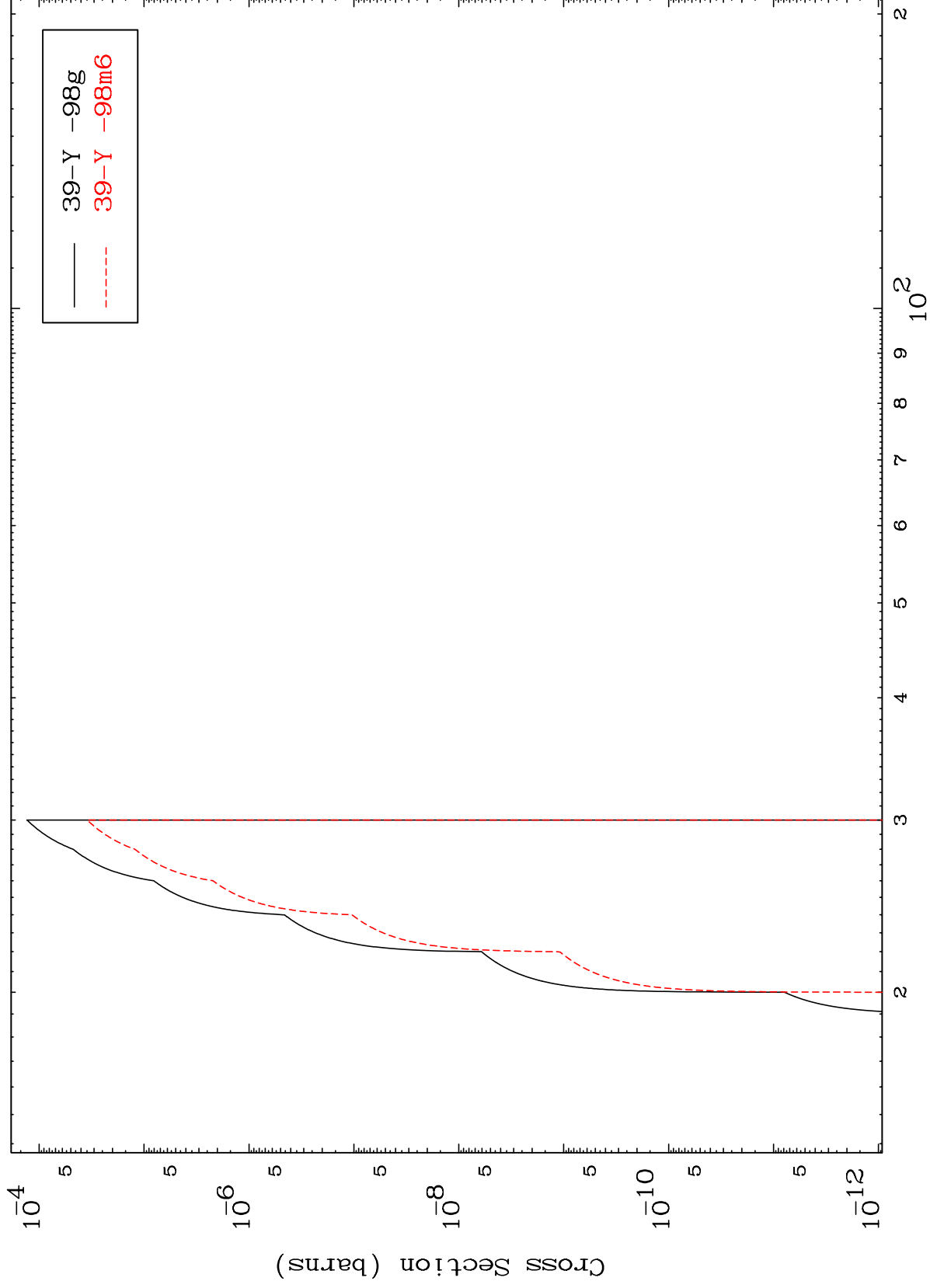
40-Zr-100

MAT 4055

(n,n') He-3

40-Zr-100

Radionuclide Production Cross Section



16

Incident Energy (MeV)

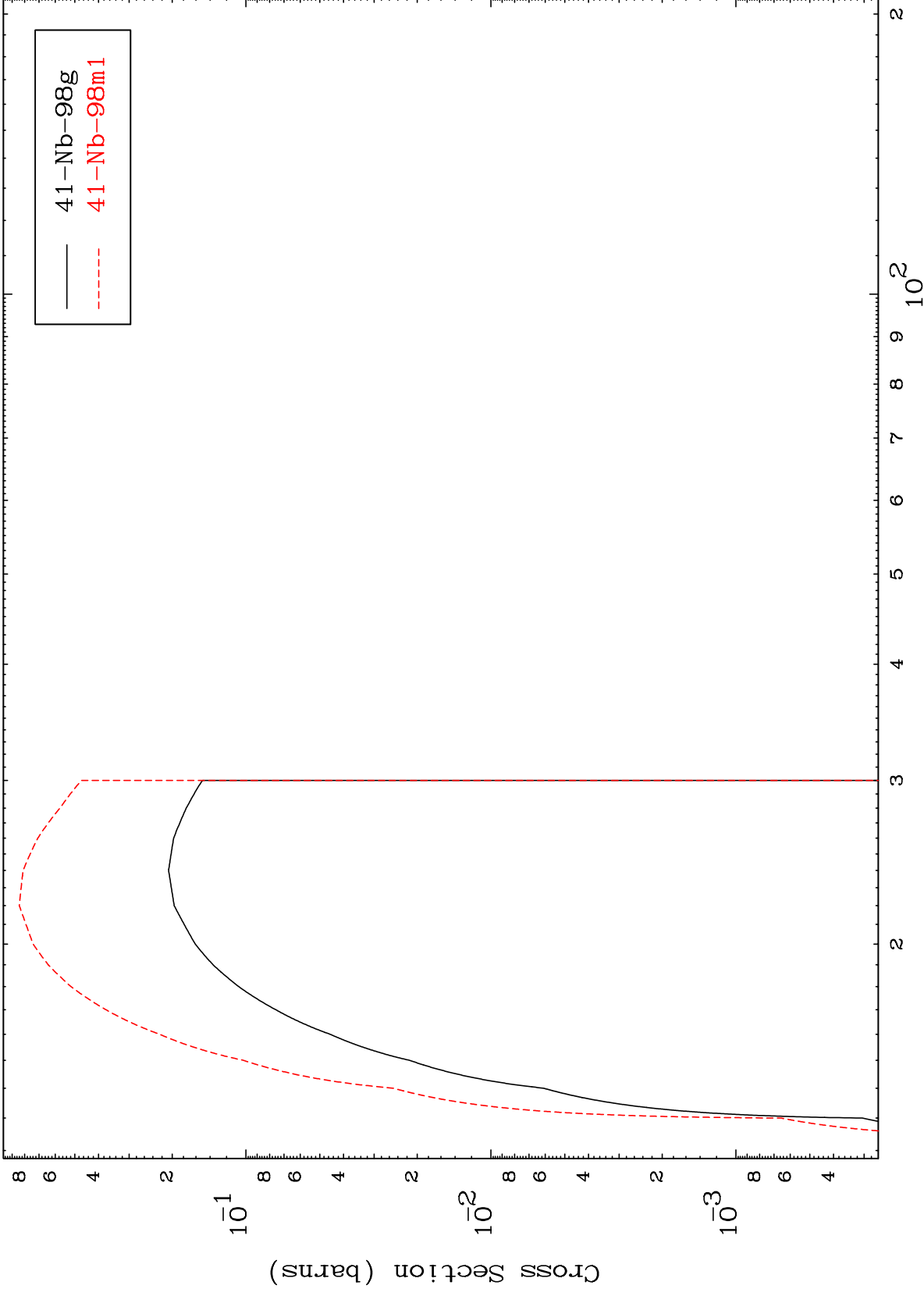
40-Zr-100

MAT 4055

(n,4n)

40-Zr-100

Radionuclide Production Cross Section

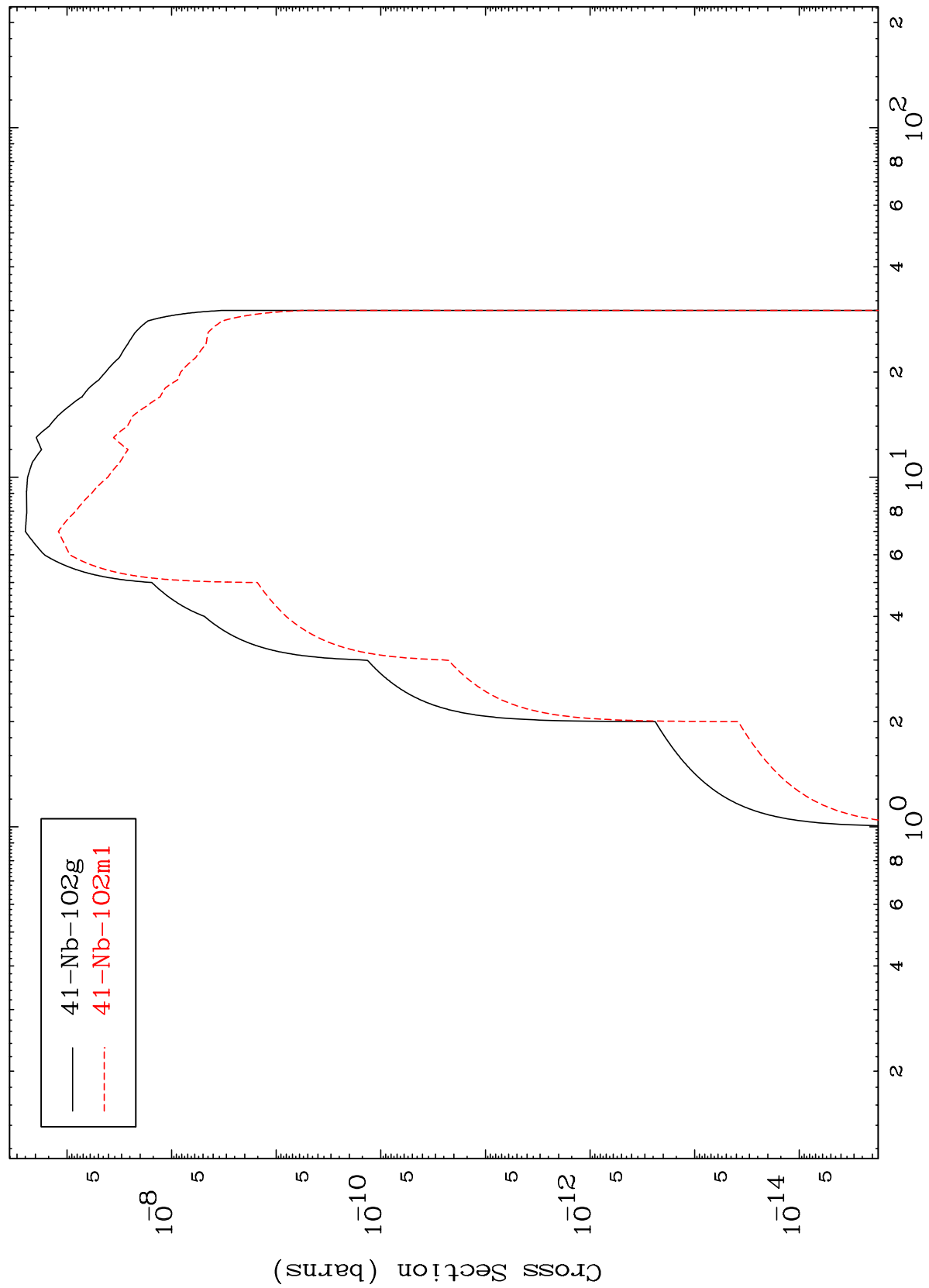


41-Nb-98g
41-Nb-98m1

MAT 4055

40-Zr-100

(n, γ)
Radionuclide Production Cross Section

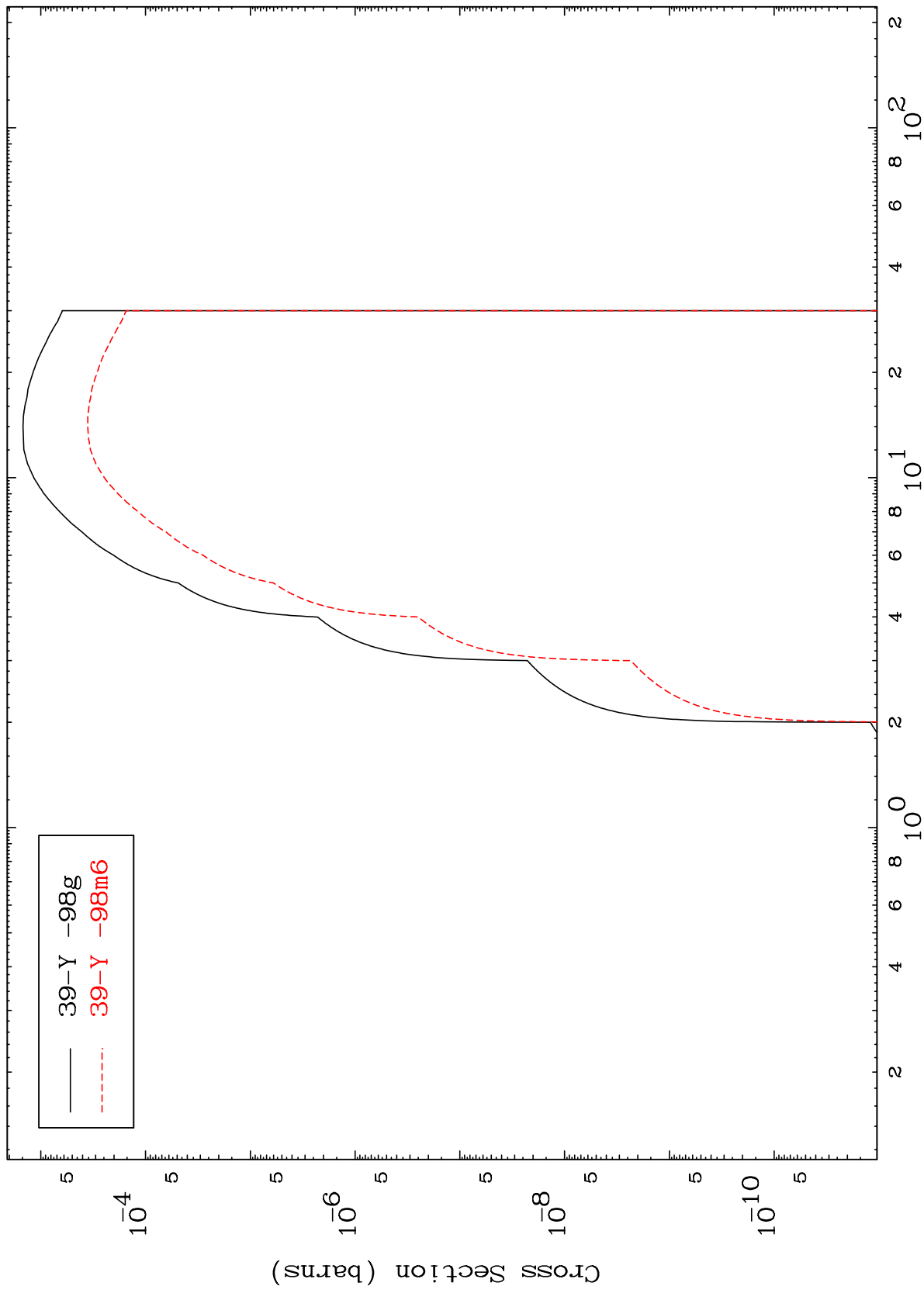


— 41-Nb-102g
- - - 41-Nb-102m1

MAT 4055

40-Zr-100

Radionuclide Production Cross Section
(n, α)



19

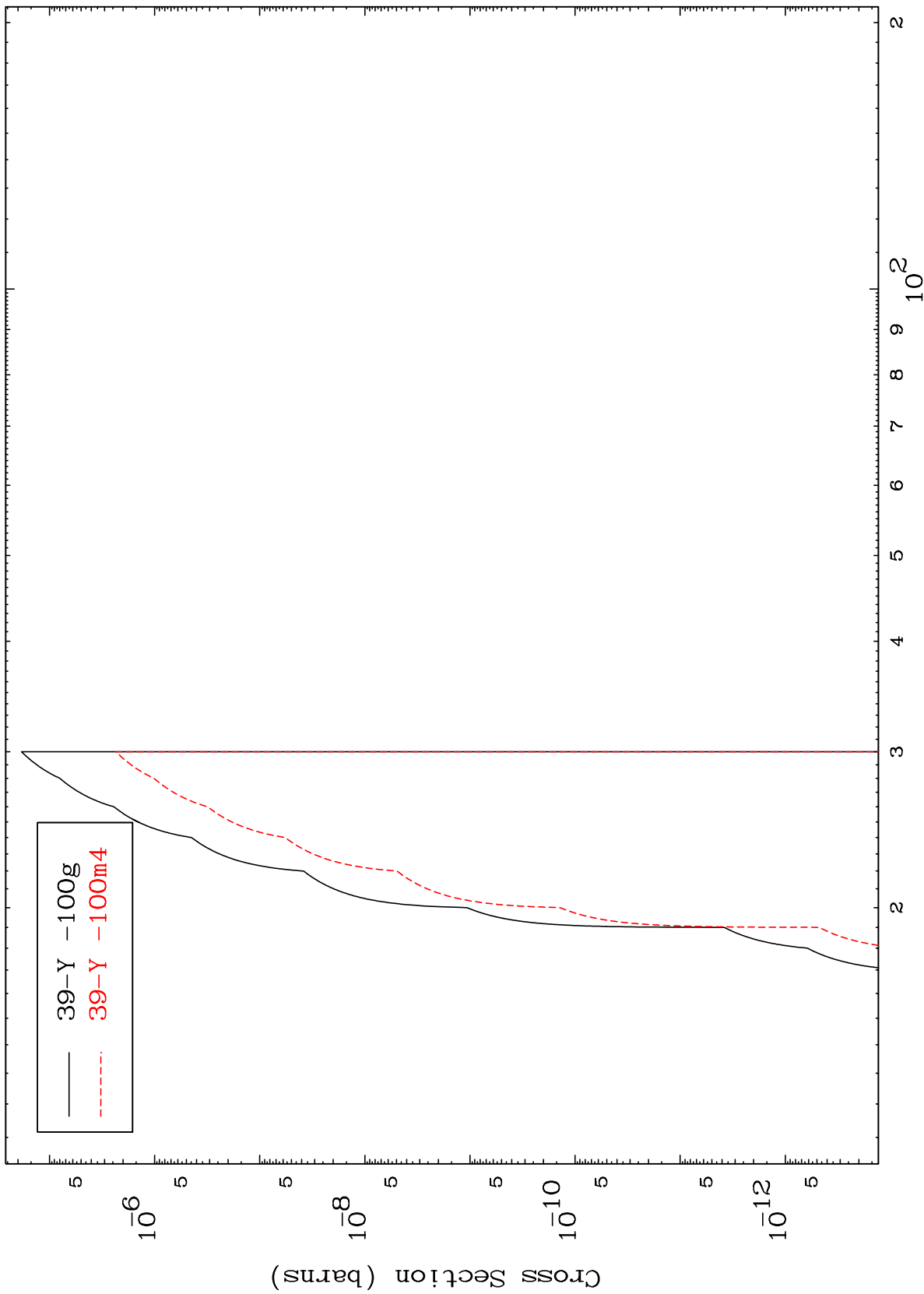
Incident Energy (MeV)

40-Zr-100

MAT 4055

40-Zr-100

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

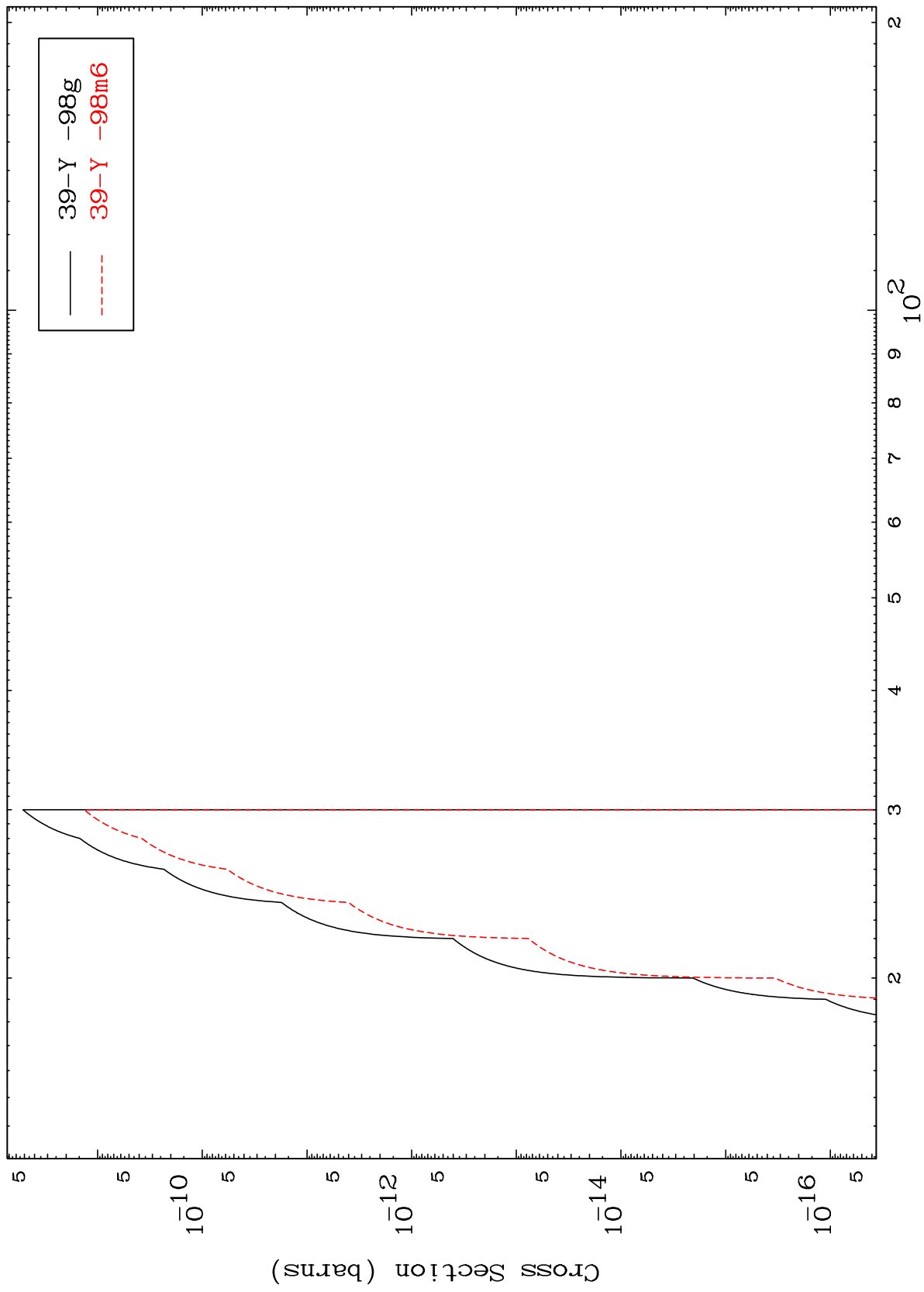
40-Zr-100

MAT 4055

(n,p) t

40-Zr-100

Radionuclide Production Cross Section



21

Incident Energy (MeV)

40-Zr-100