

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

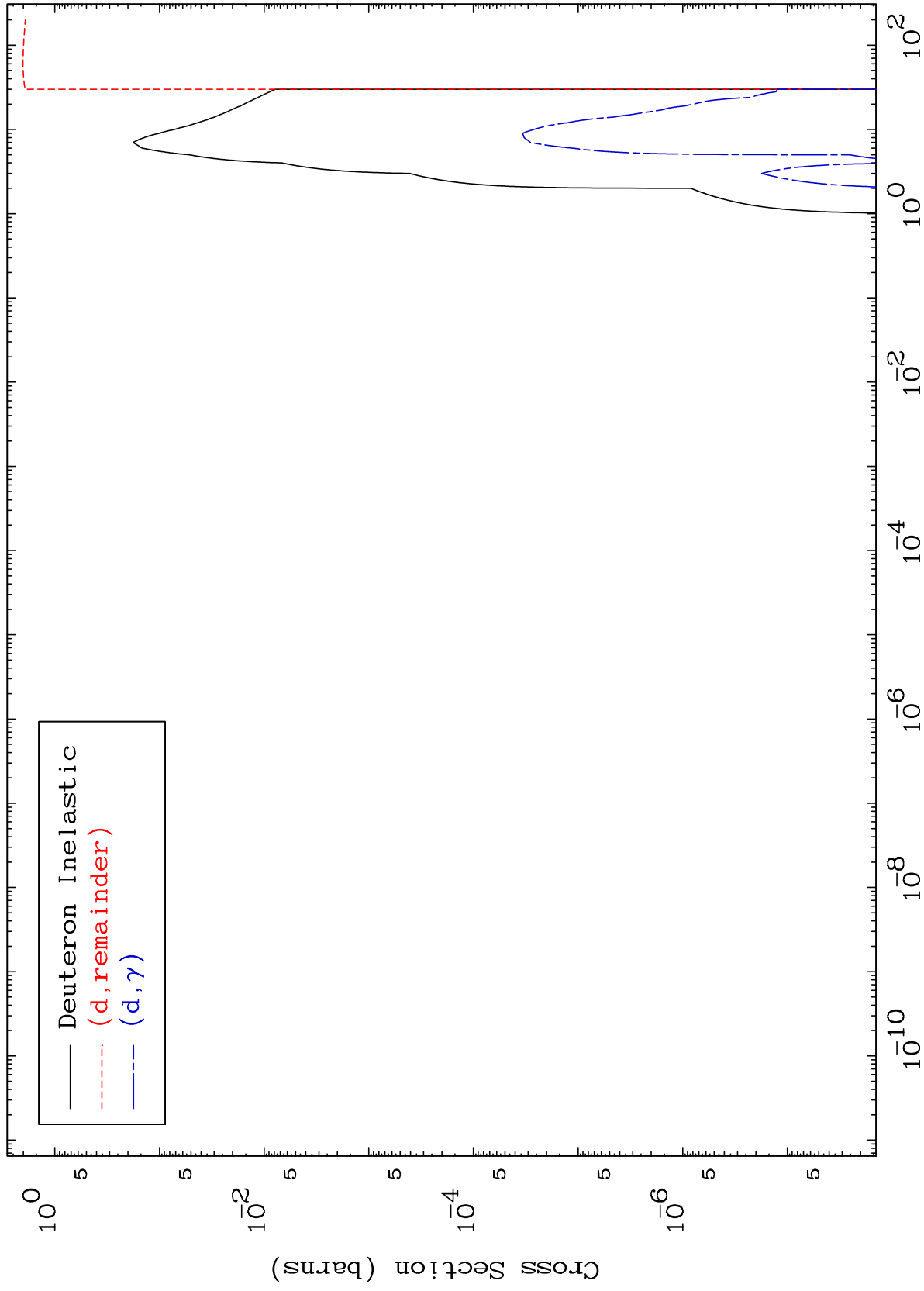
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4031

Deuteron Major
0 Kelvin Cross Sections

40-Zr-92



1

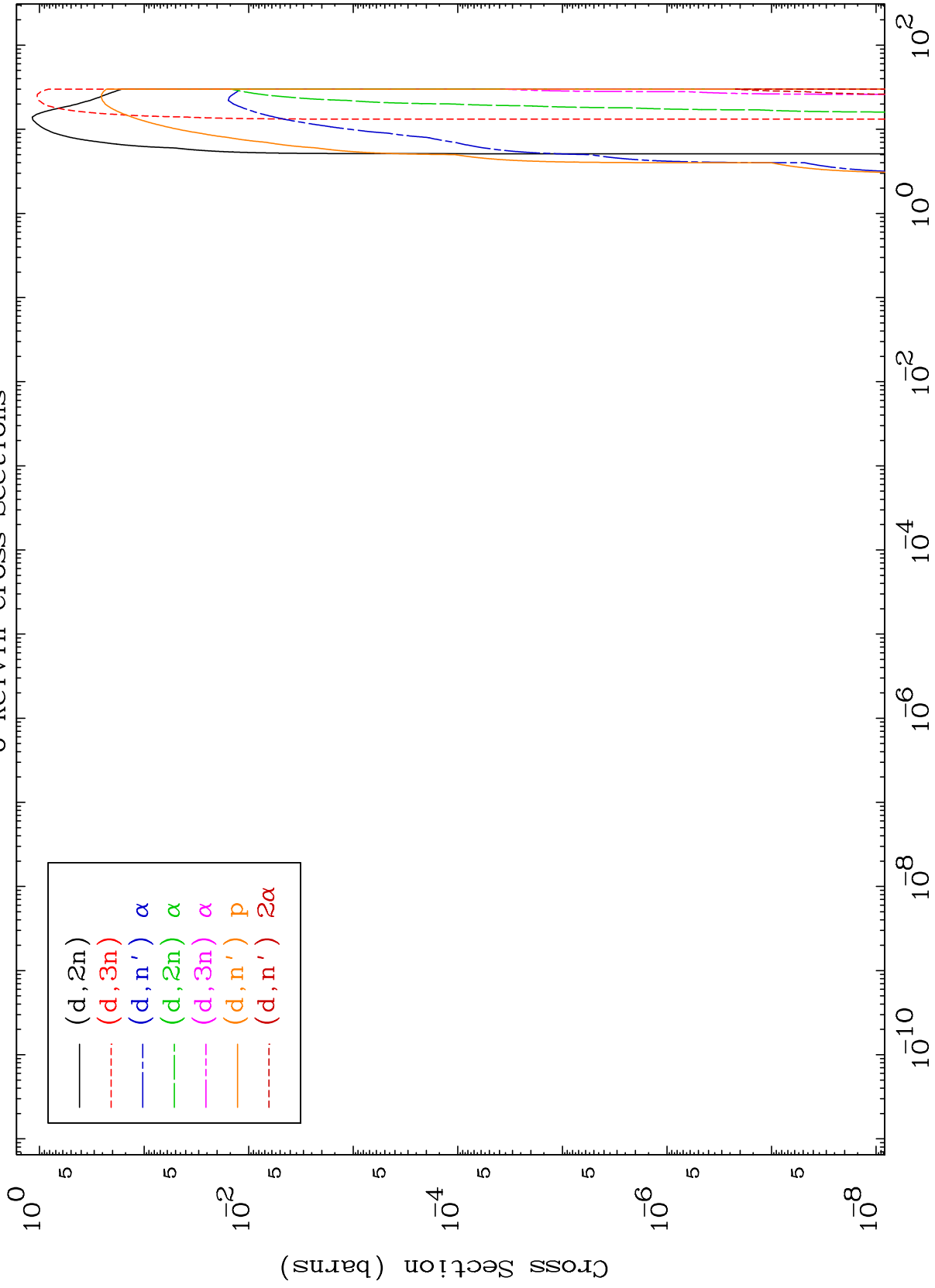
Incident Energy (MeV)

40-Zr-92

MAT 4031

Deuteron Neutron Production
0 Kelvin Cross Sections

40-Zr-92



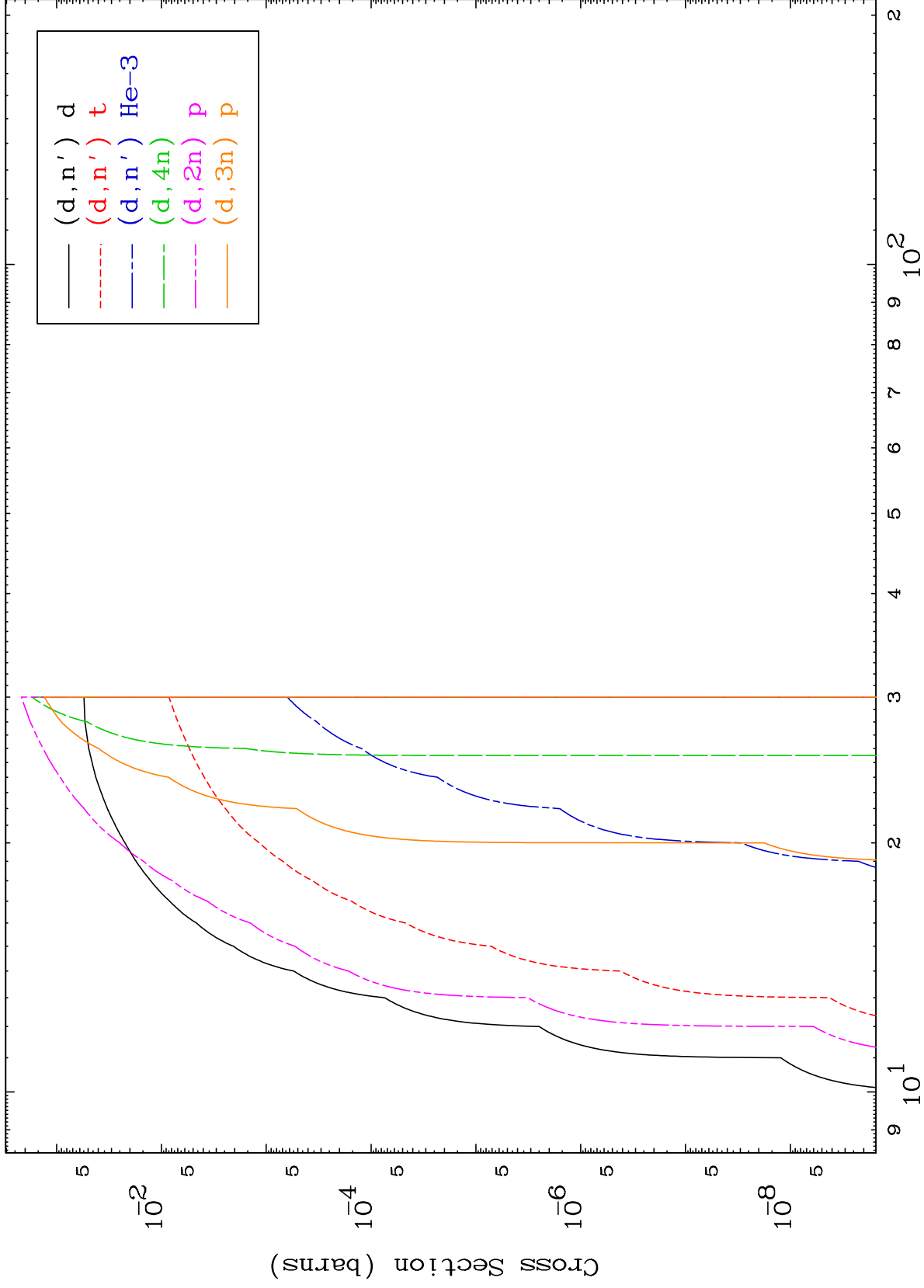
2

40-Zr-92

MAT 4031

Deuteron Neutron Production
0 Kelvin Cross Sections

40-Zr-92



3

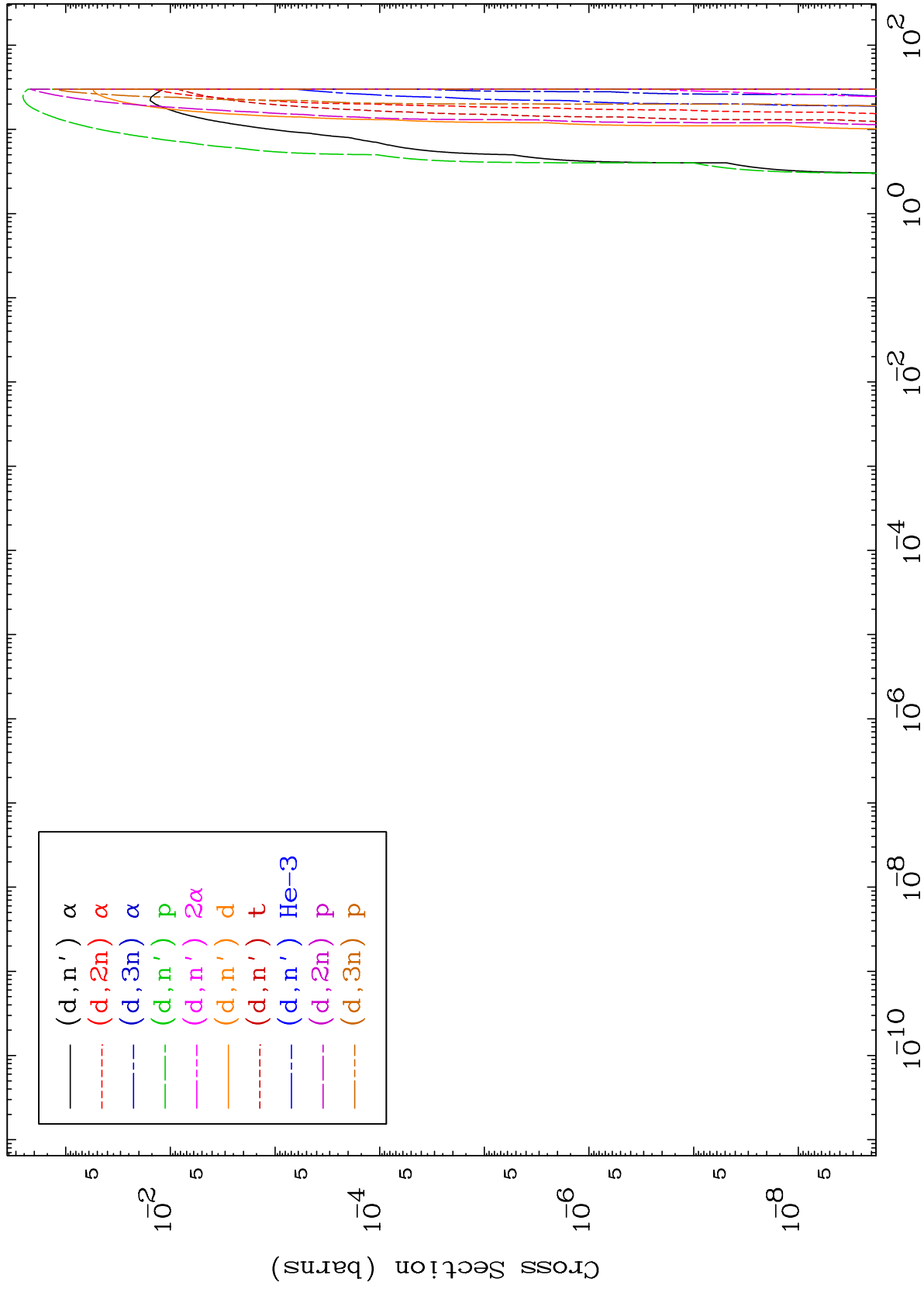
Incident Energy (MeV)

40-Zr-92

MAT 4031

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-92

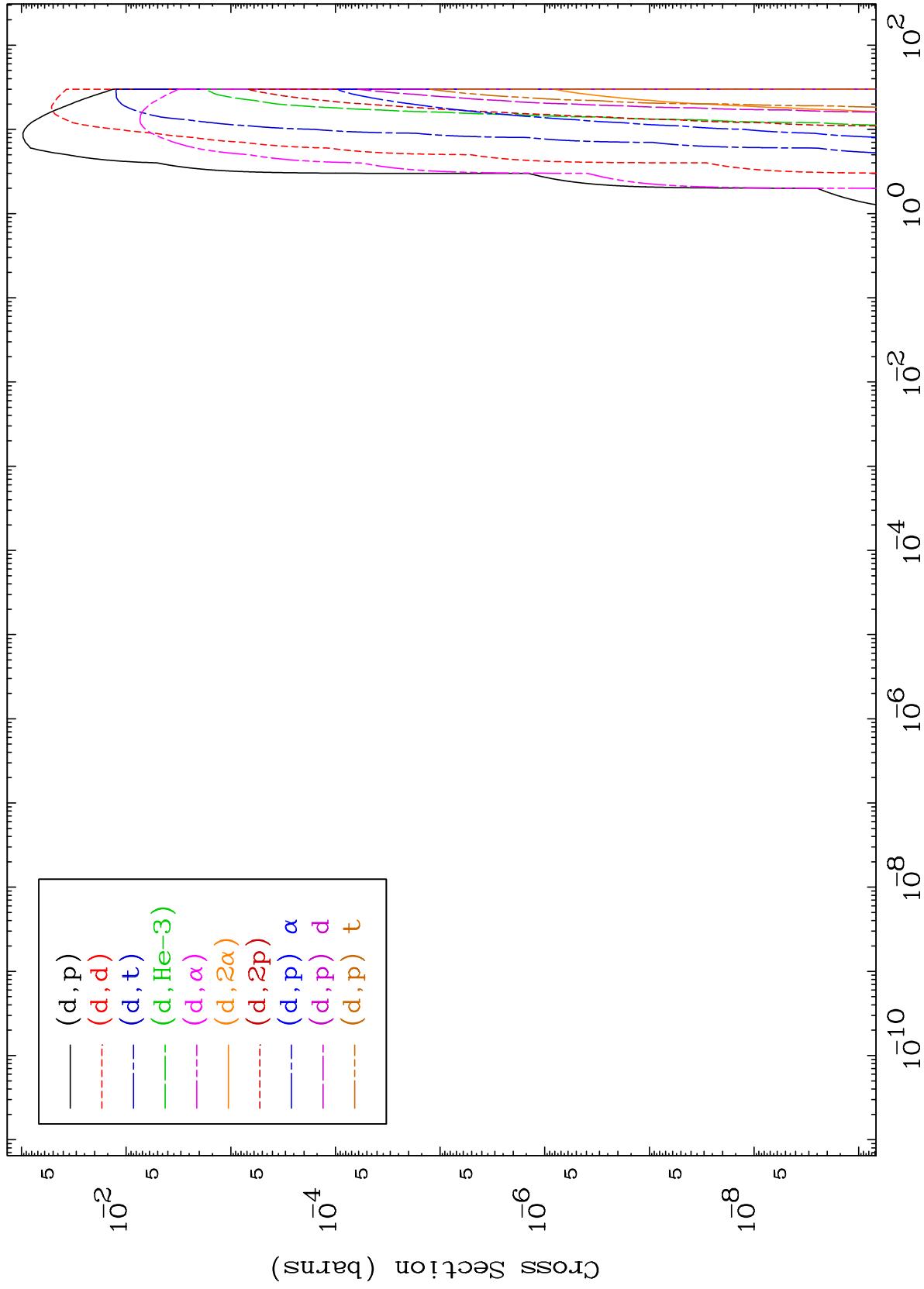


40-Zr-92

MAT 4031

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-92



5

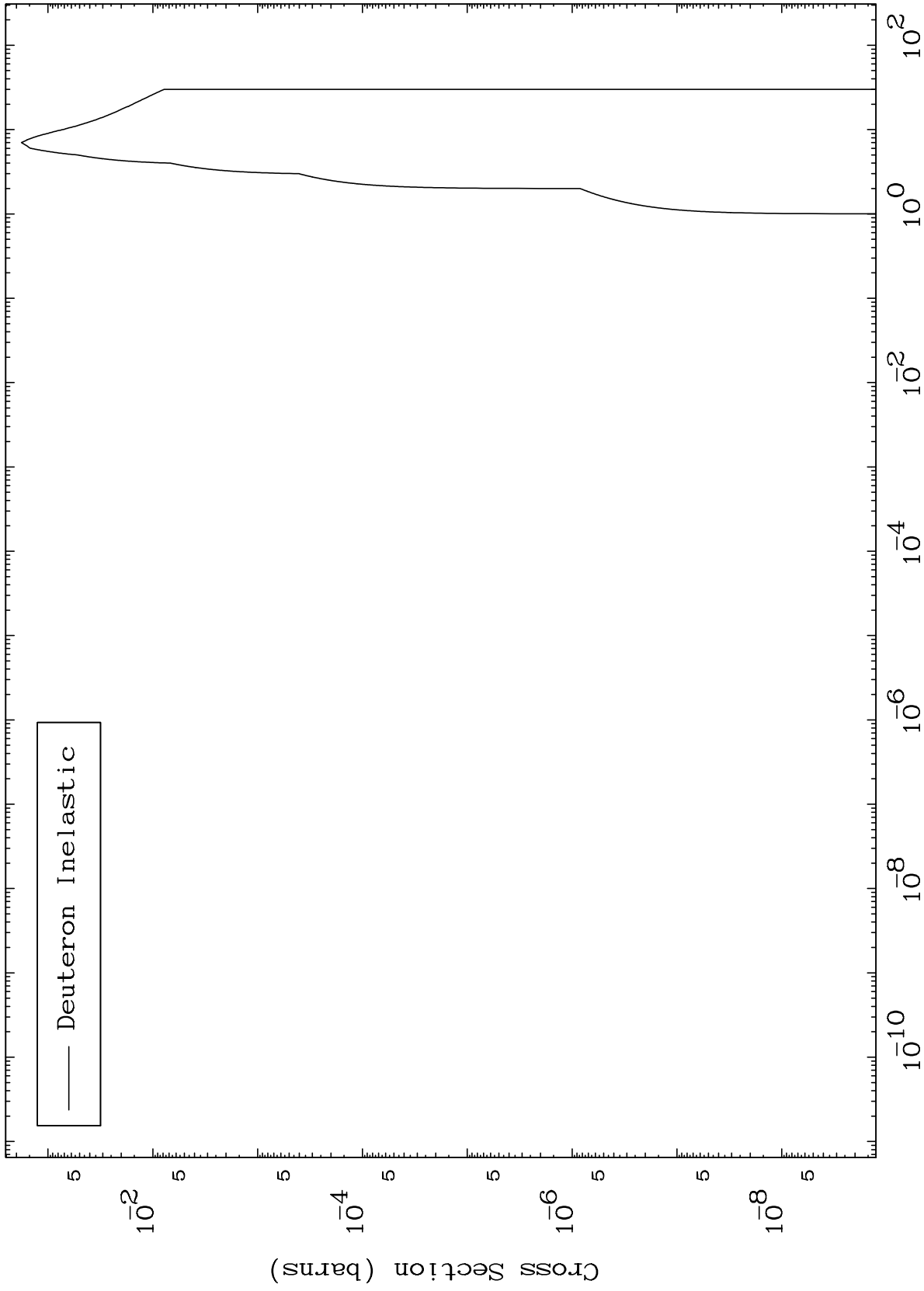
Incident Energy (MeV)

40-Zr-92

MAT 4031

(d,n') Level
0 Kelvin Cross Sections

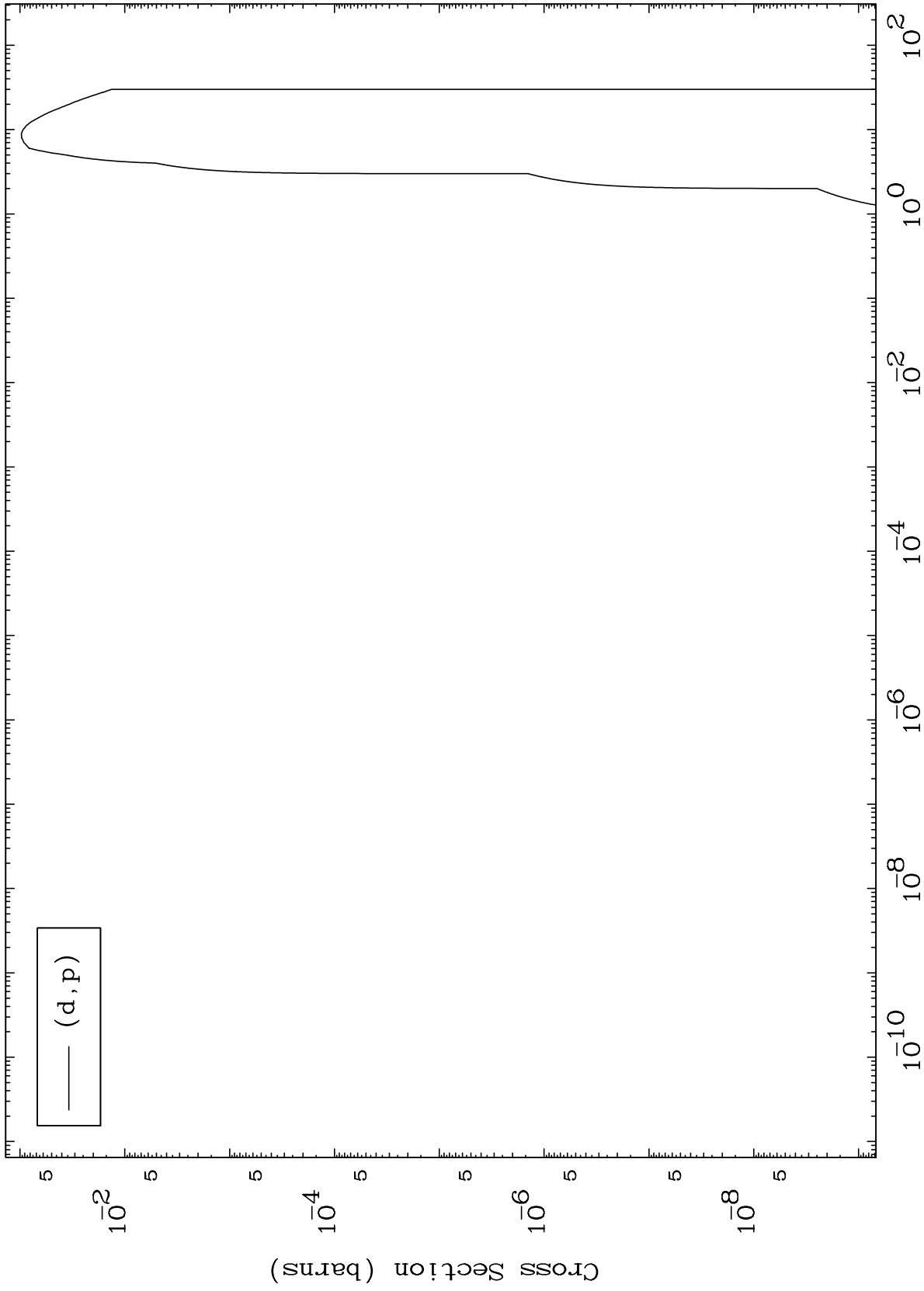
40-Zr-92



MAT 4031

(d,p) Levels
0 Kelvin Cross Sections

40-Zr-92



7

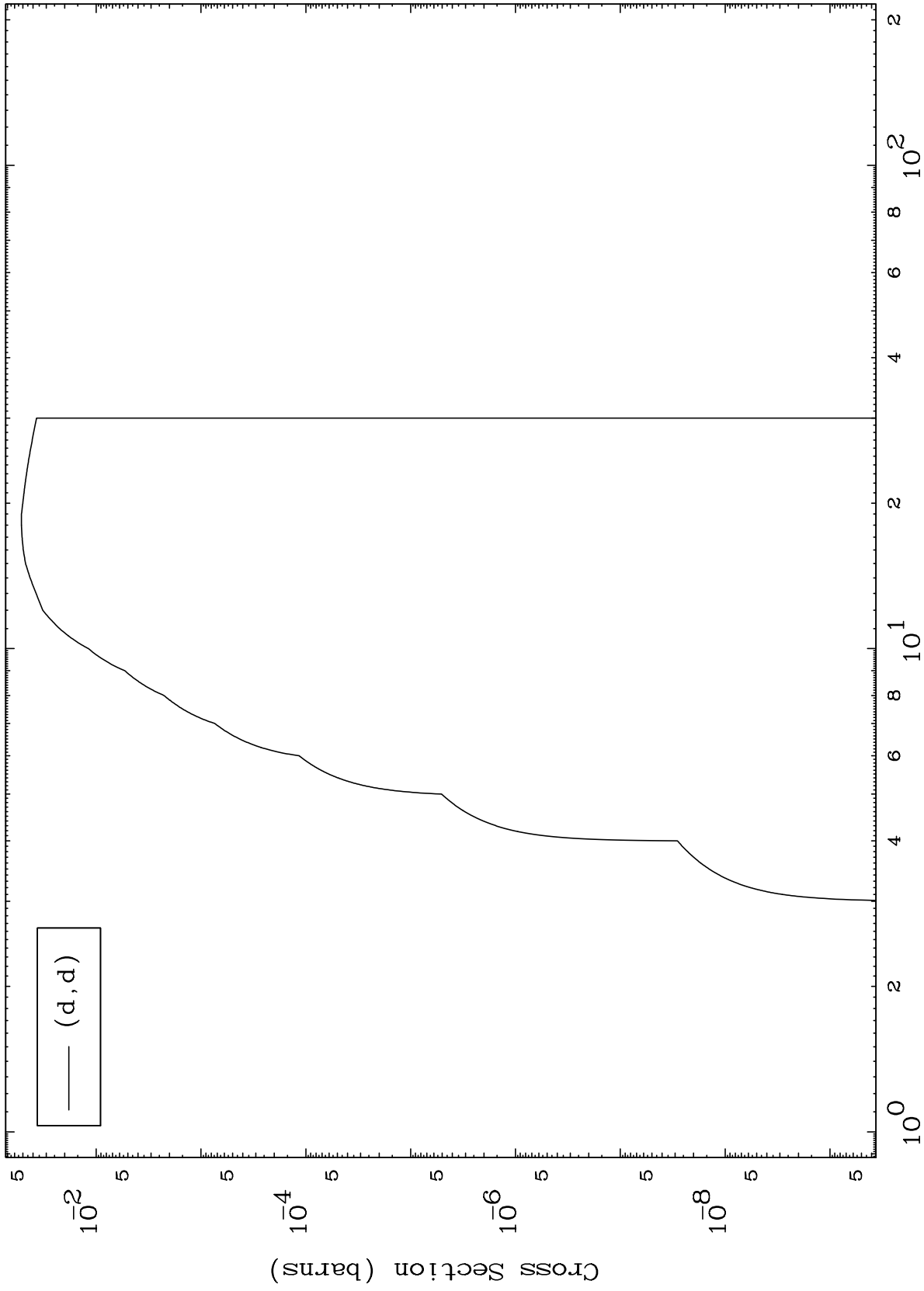
Incident Energy (MeV)

40-Zr-92

MAT 4031

(d,d) Levels
0 Kelvin Cross Sections

40-Zr-92



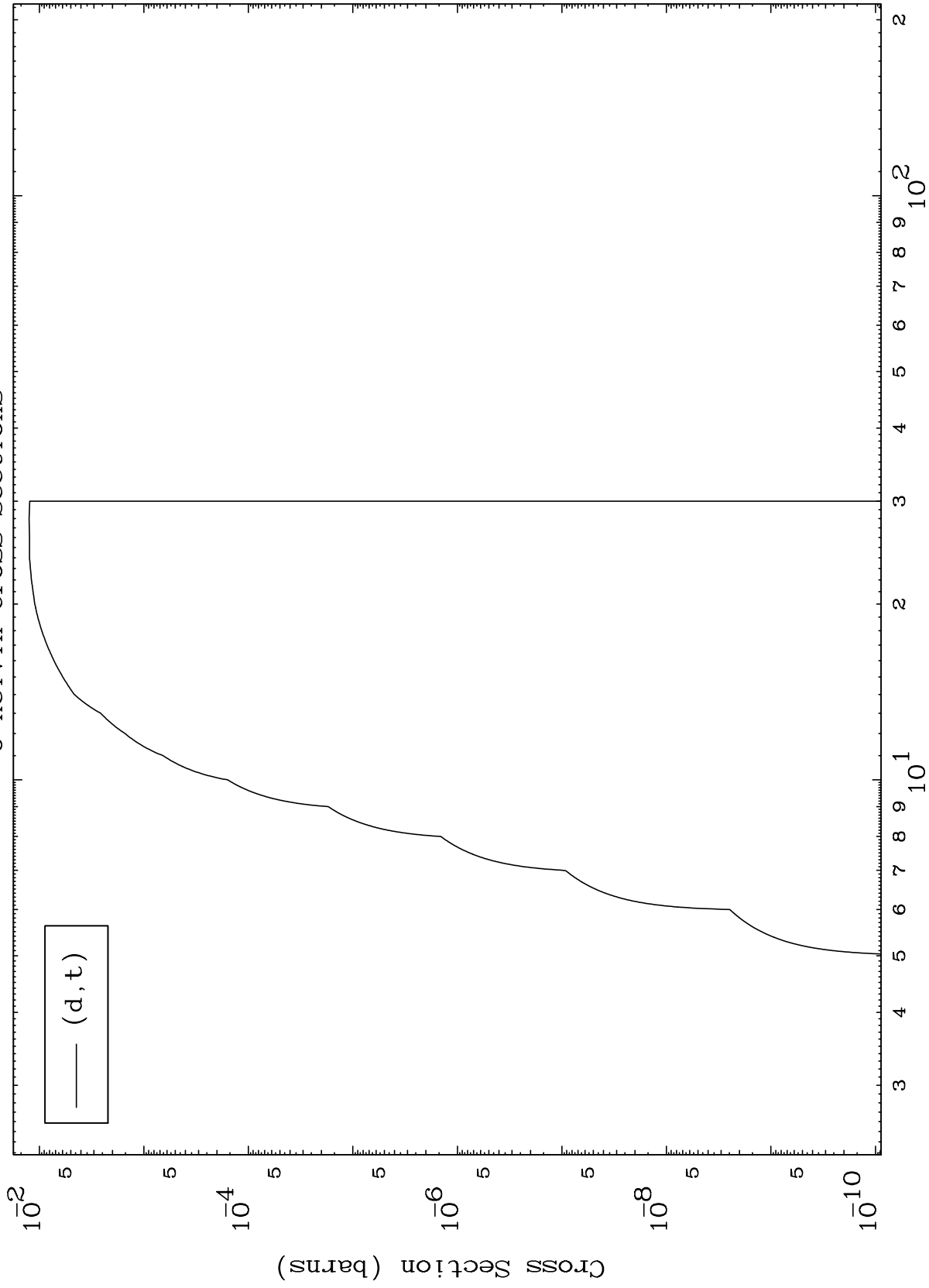
Incident Energy (MeV)

40-Zr-92

MAT 4031

(d,t) Levels
0 Kelvin Cross Sections

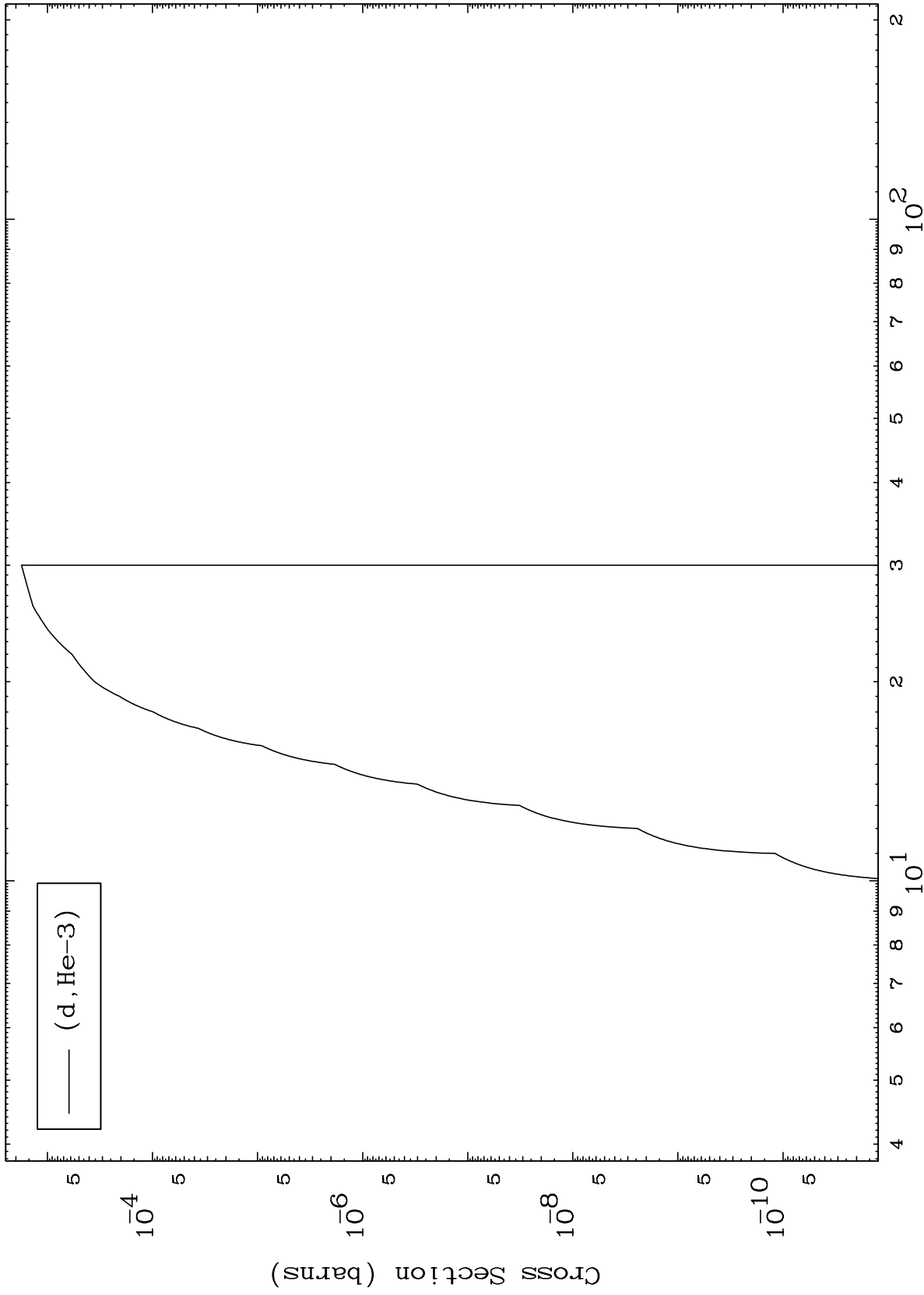
40-Zr-92

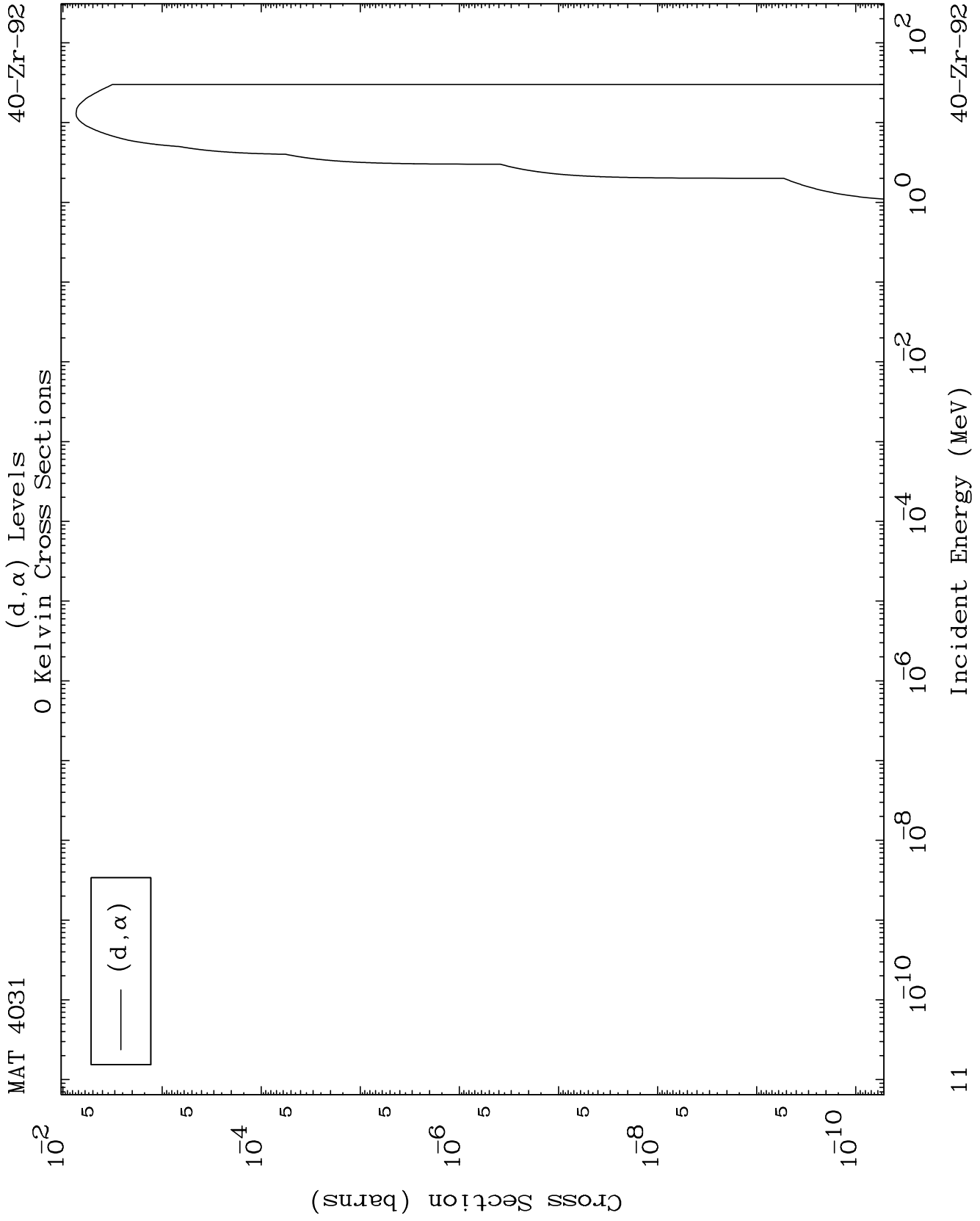


MAT 4031

(d,He3) Levels
0 Kelvin Cross Sections

40-Zr-92

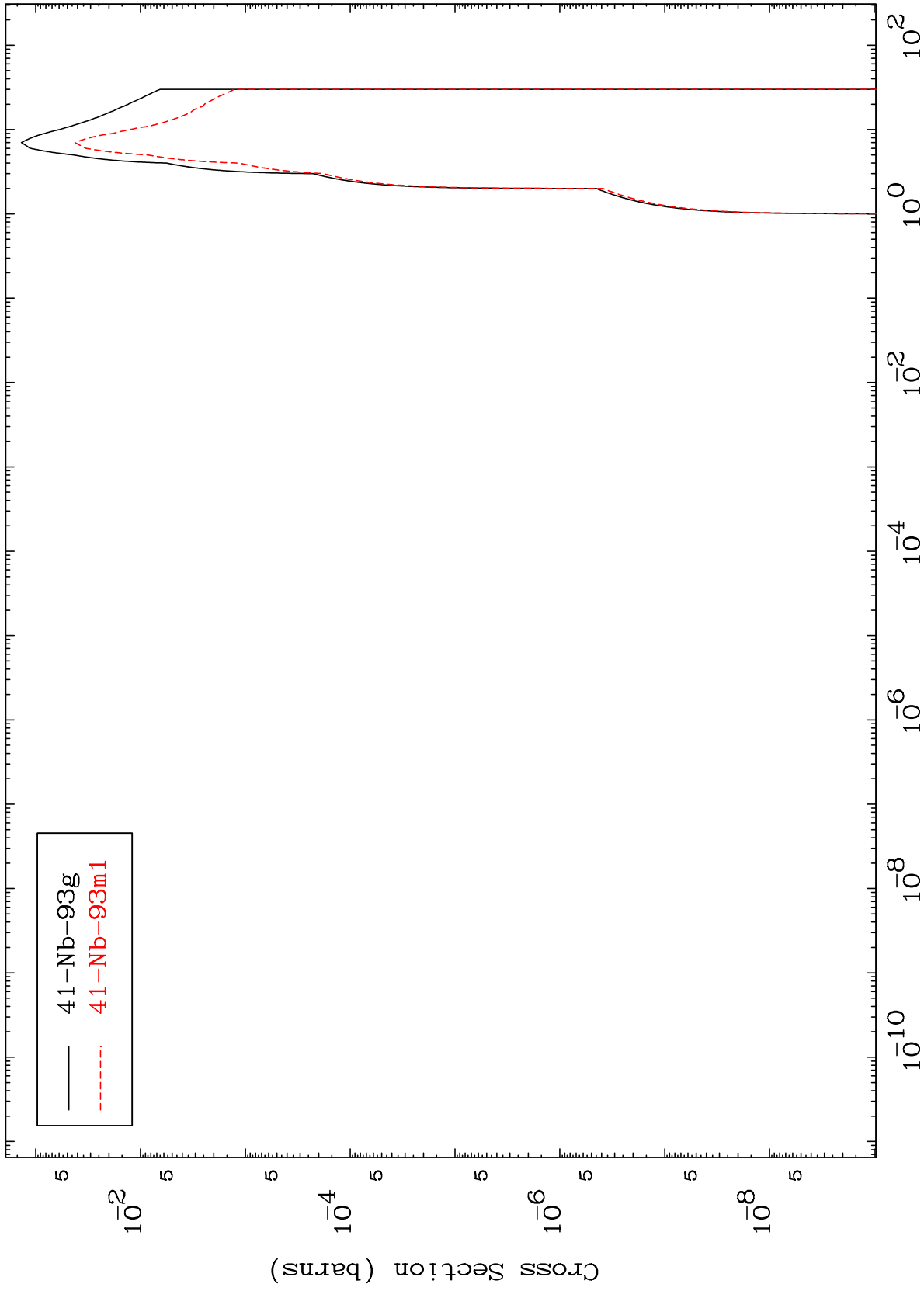




MAT 4031

Deuteron Inelastic
Radionuclide Production Cross Section

40-Zr-92

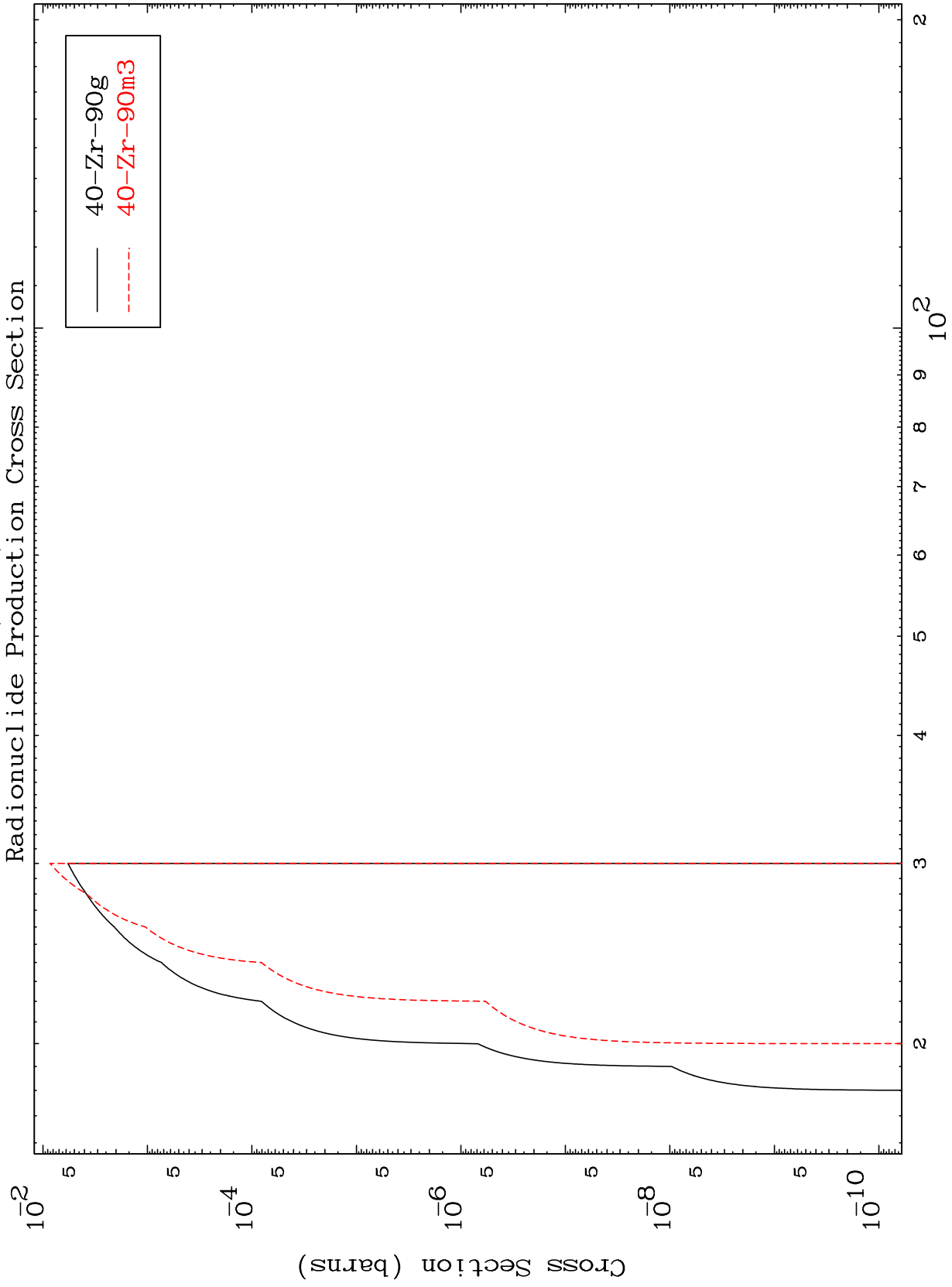


40-Zr-92

MAT 4031

(d,2n) d

40-Zr-92



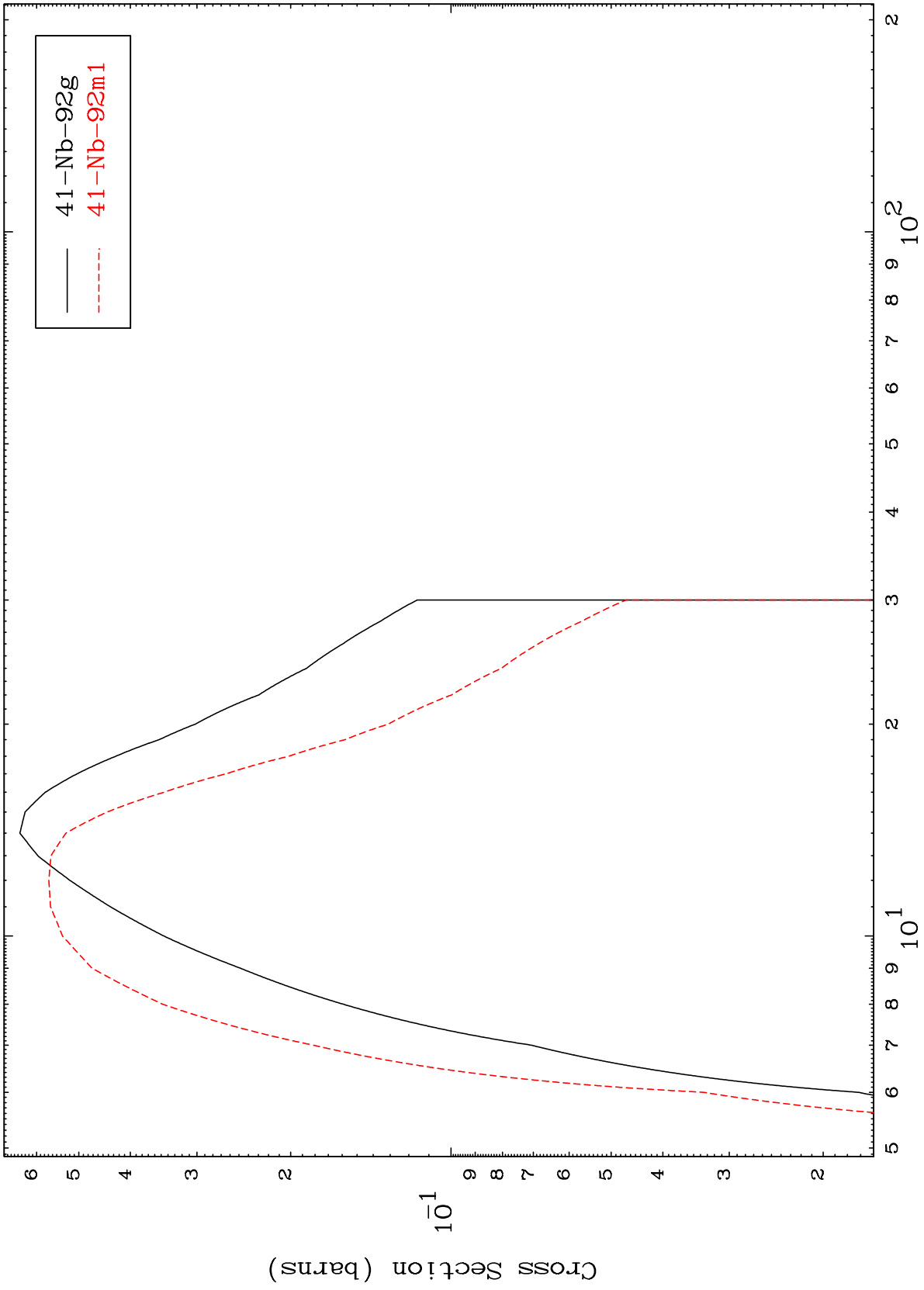
13

40-Zr-92

MAT 4031

Radionuclide Production Cross Section
(d,2n)

40-Zr-92



14

Incident Energy (MeV)

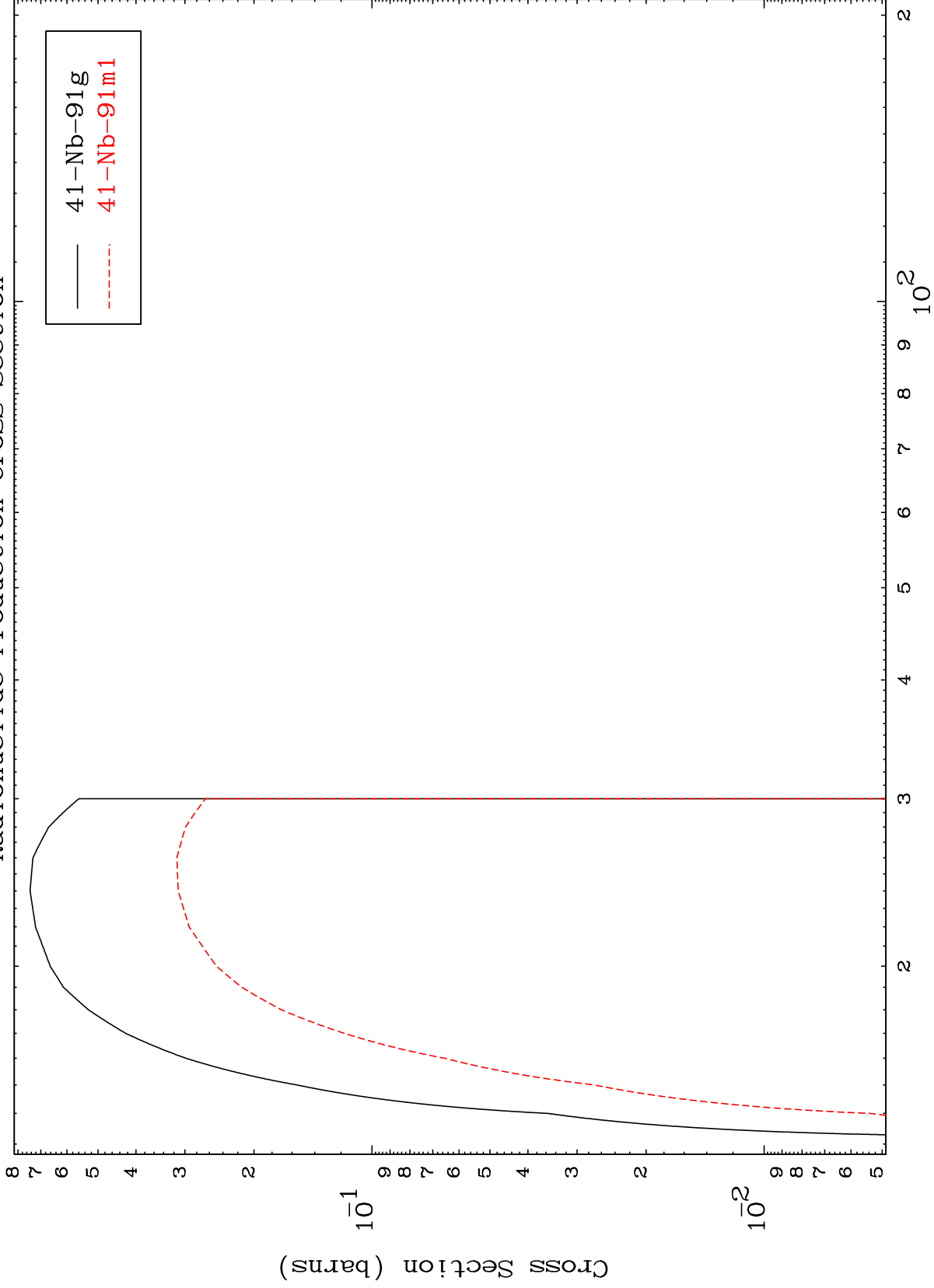
40-Zr-92

MAT 4031

(d,3n)

40-Zr-92

Radionuclide Production Cross Section



15

Incident Energy (MeV)

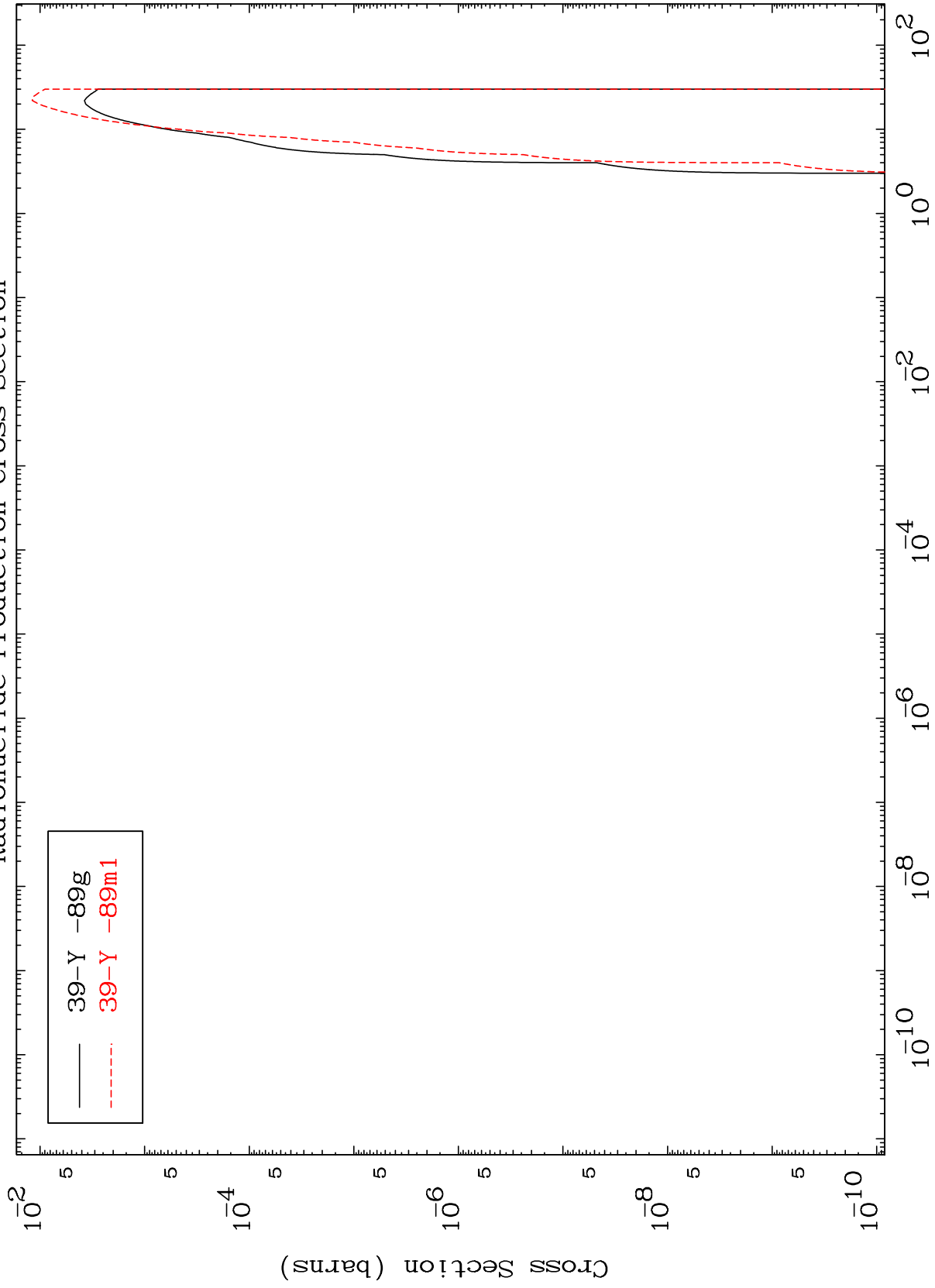
40-Zr-92

MAT 4031

(d,n') α

40-Zr-92

Radionuclide Production Cross Section



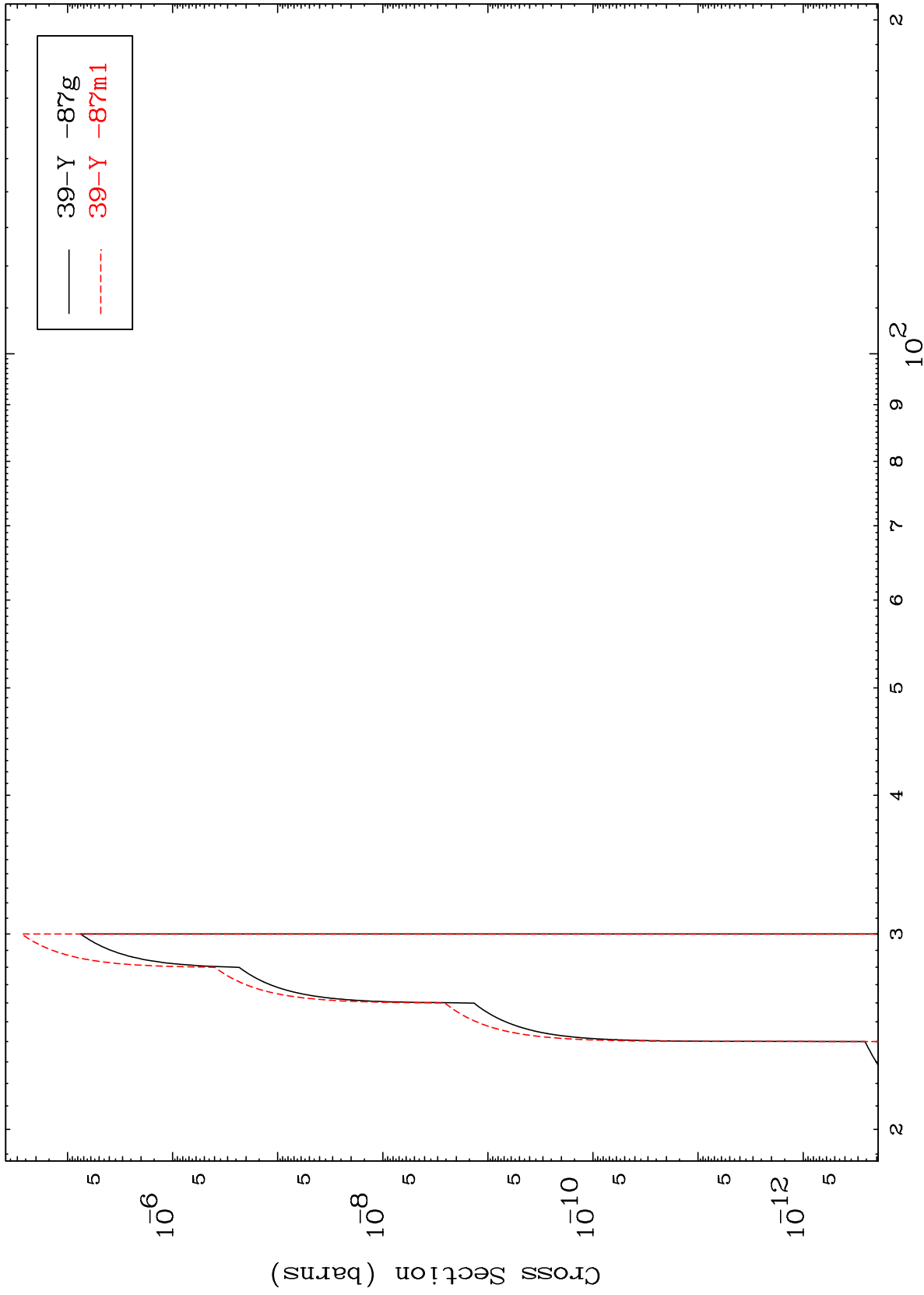
39-Y -89g
39-Y -89m1

MAT 4031

(d,3n) α

40-Zr-92

Radionuclide Production Cross Section



17

Incident Energy (MeV)

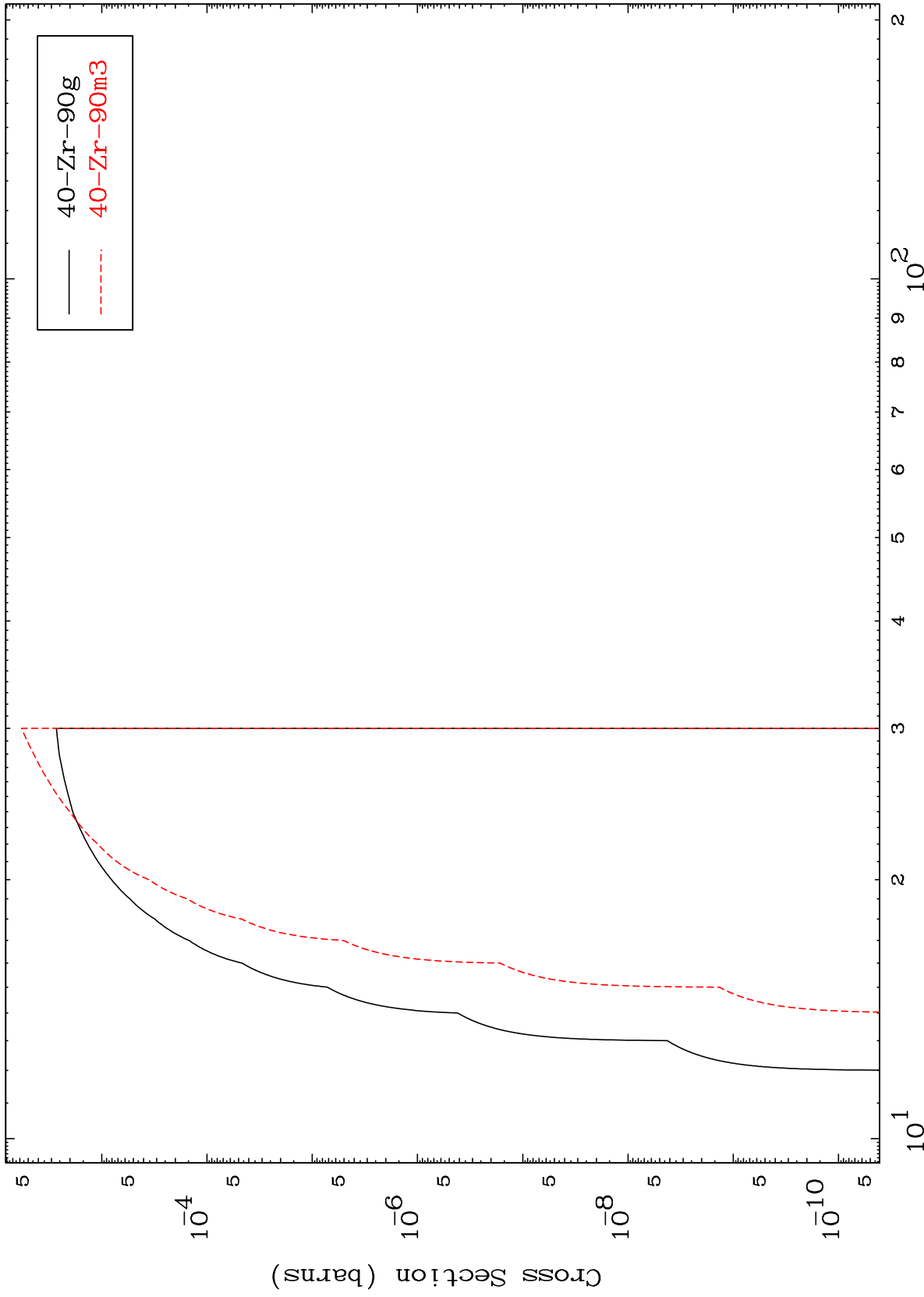
40-Zr-92

MAT 4031

(d,n') t

40-Zr-92

Radionuclide Production Cross Section



Incident Energy (MeV)

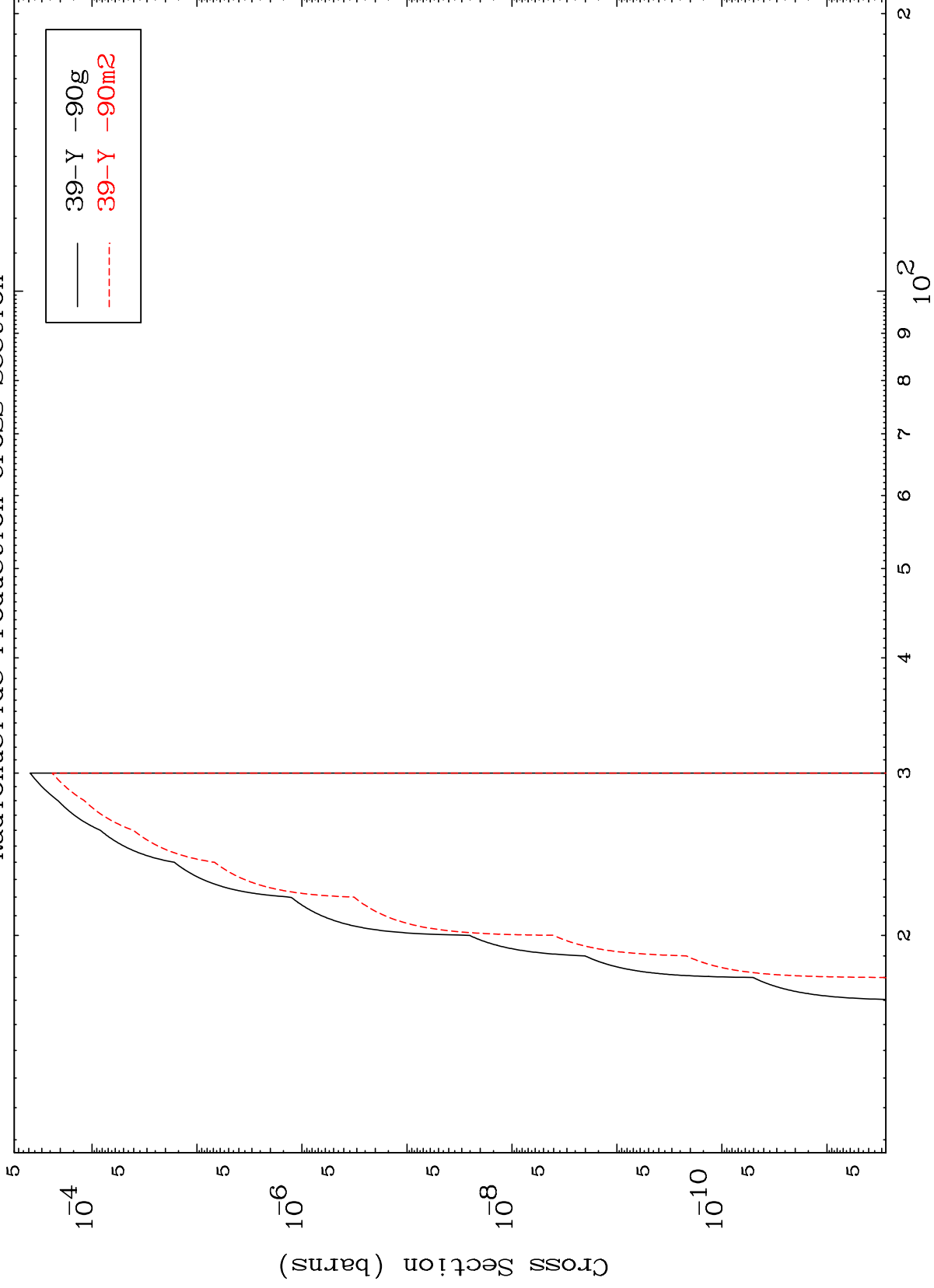
40-Zr-92

MAT 4031

(d,n') He-3

40-Zr-92

Radionuclide Production Cross Section



19

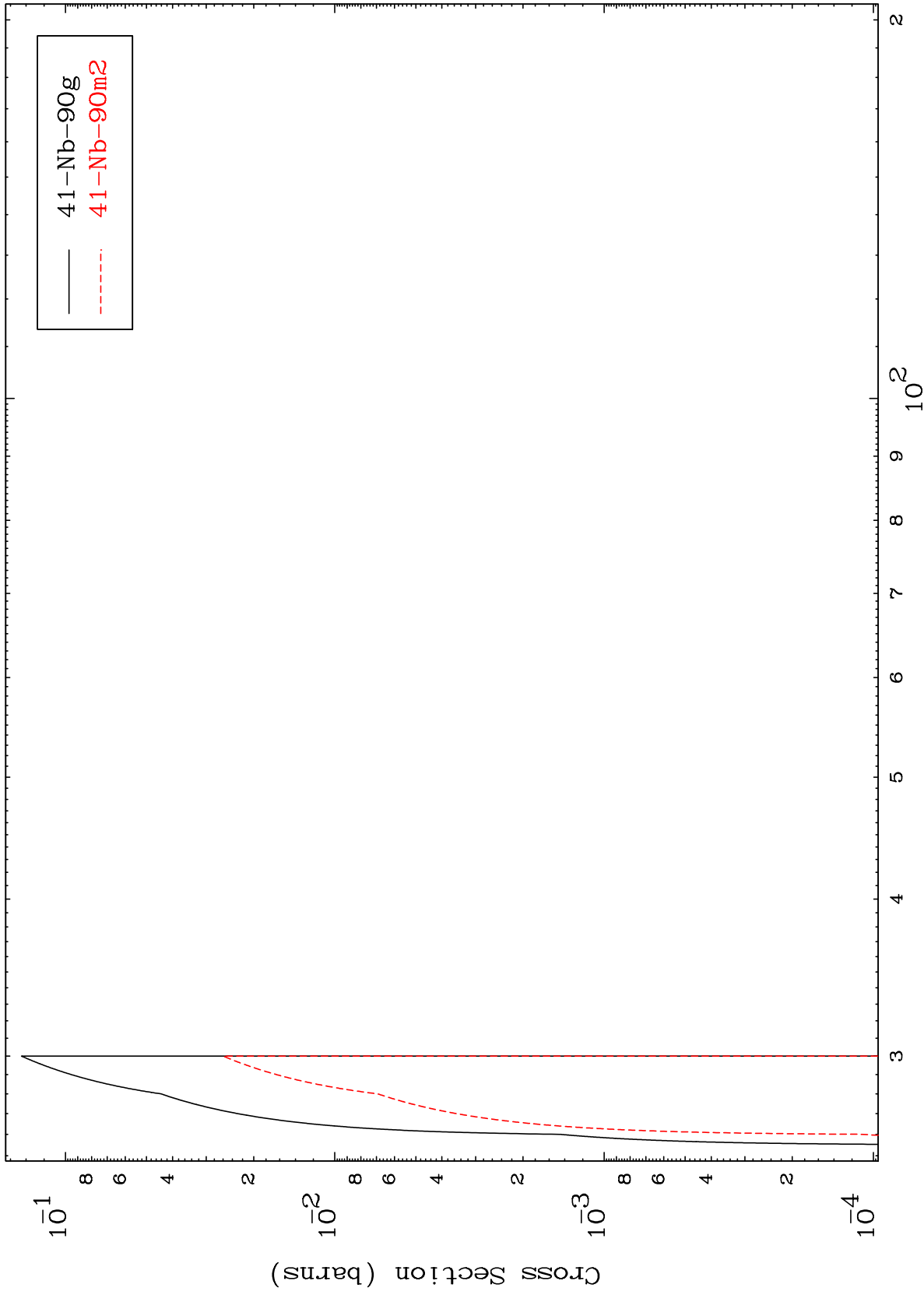
Incident Energy (MeV)

40-Zr-92

MAT 4031

Radionuclide Production Cross Section
(d,4n)

40-Zr-92



41-Nb-90g
41-Nb-90m2

20

Incident Energy (MeV)

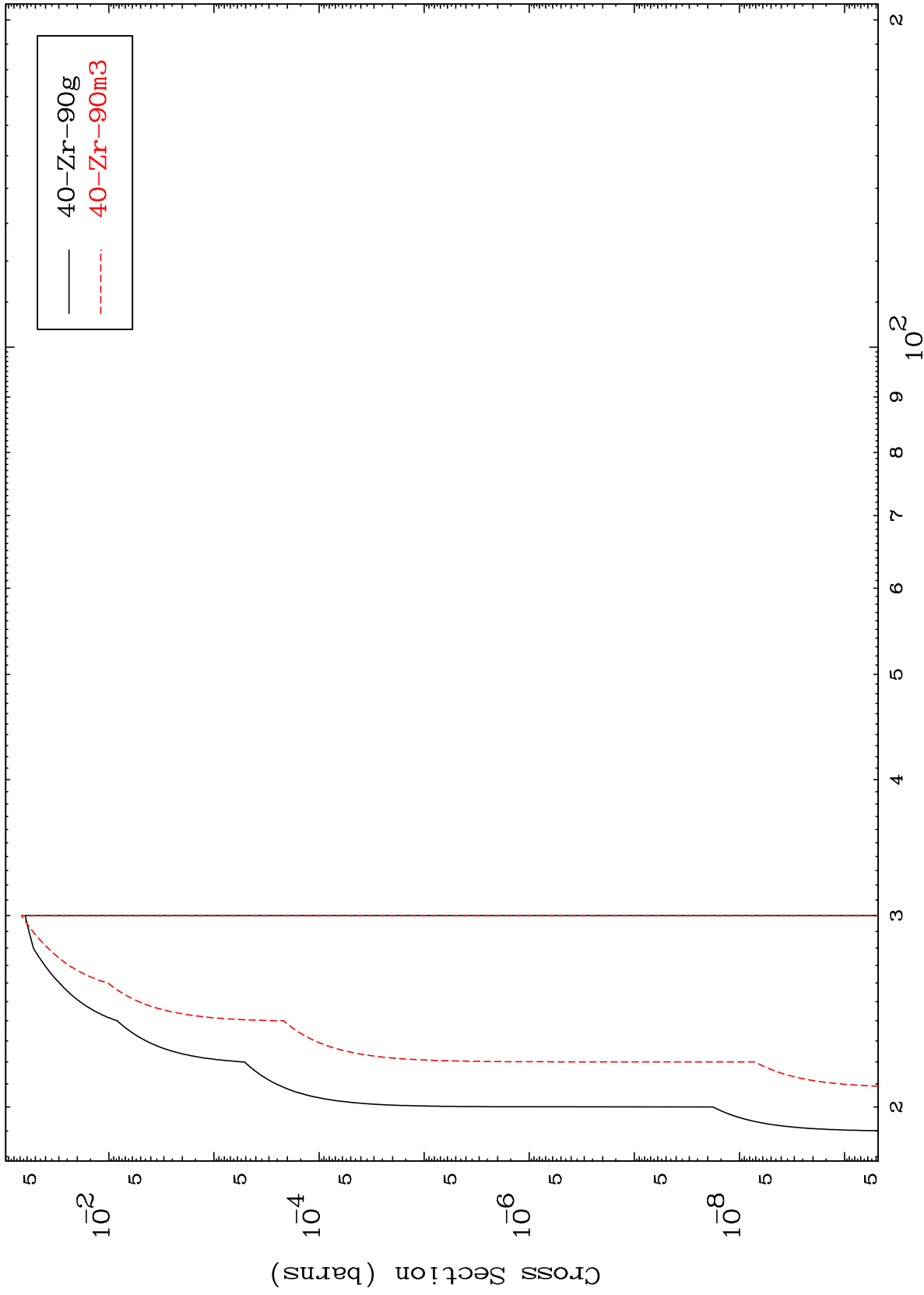
40-Zr-92

MAT 4031

(d,3n) p

40-Zr-92

Radionuclide Production Cross Section



21

Incident Energy (MeV)

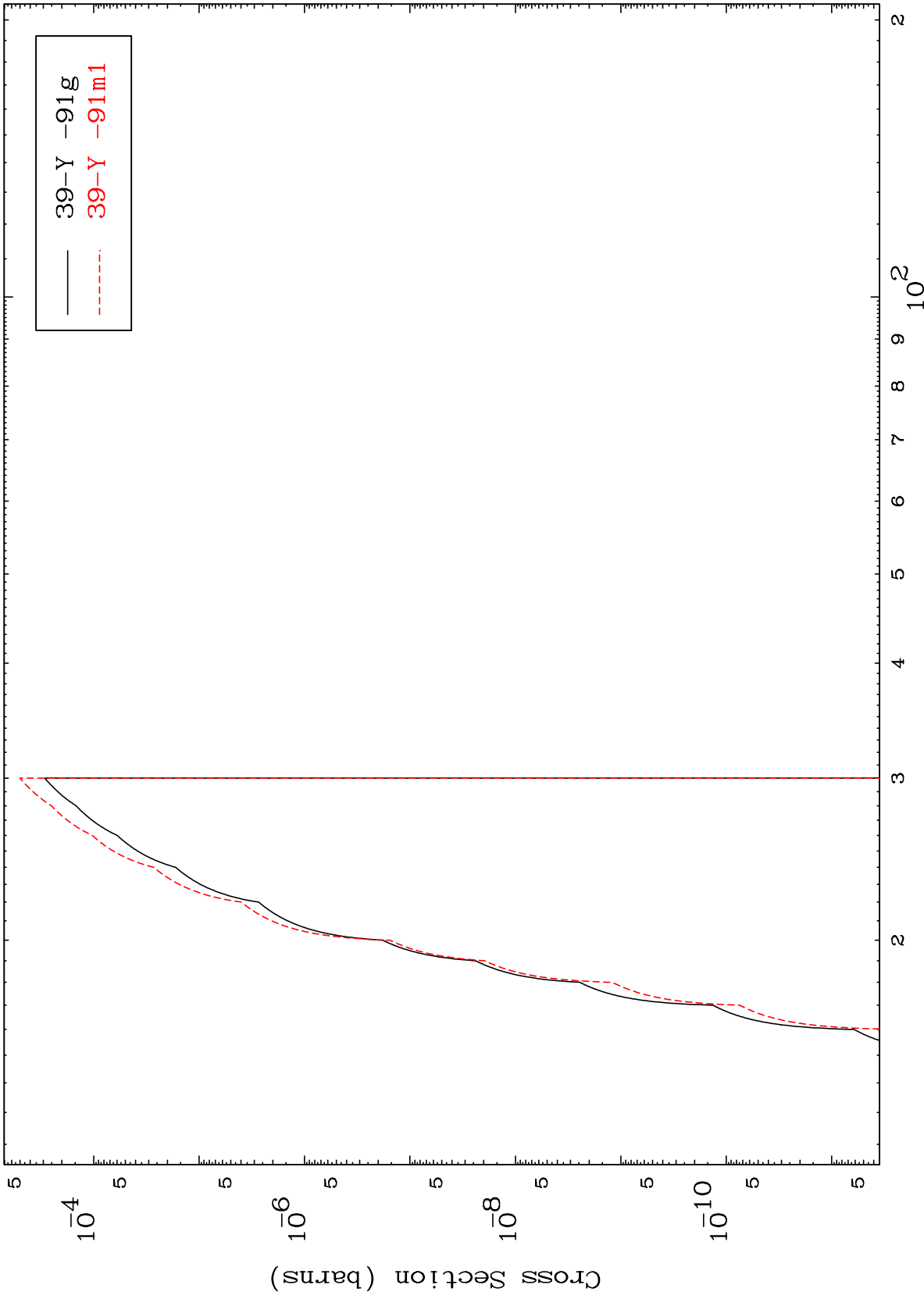
40-Zr-92

MAT 4031

(d,2n) p

40-Zr-92

Radionuclide Production Cross Section



22

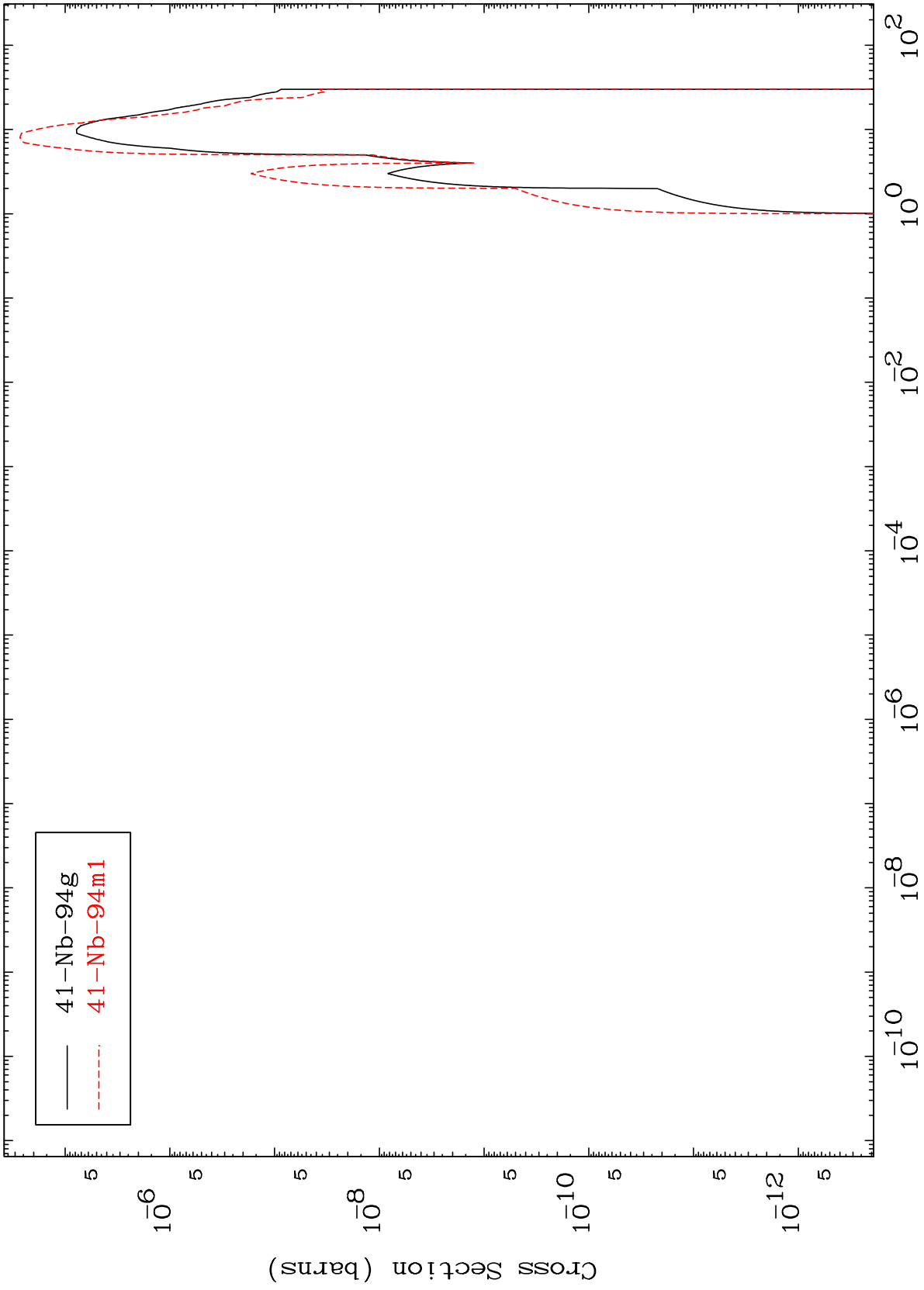
Incident Energy (MeV)

40-Zr-92

MAT 4031

(d, γ)
Radionuclide Production Cross Section

40-Zr-92



23

Incident Energy (MeV)

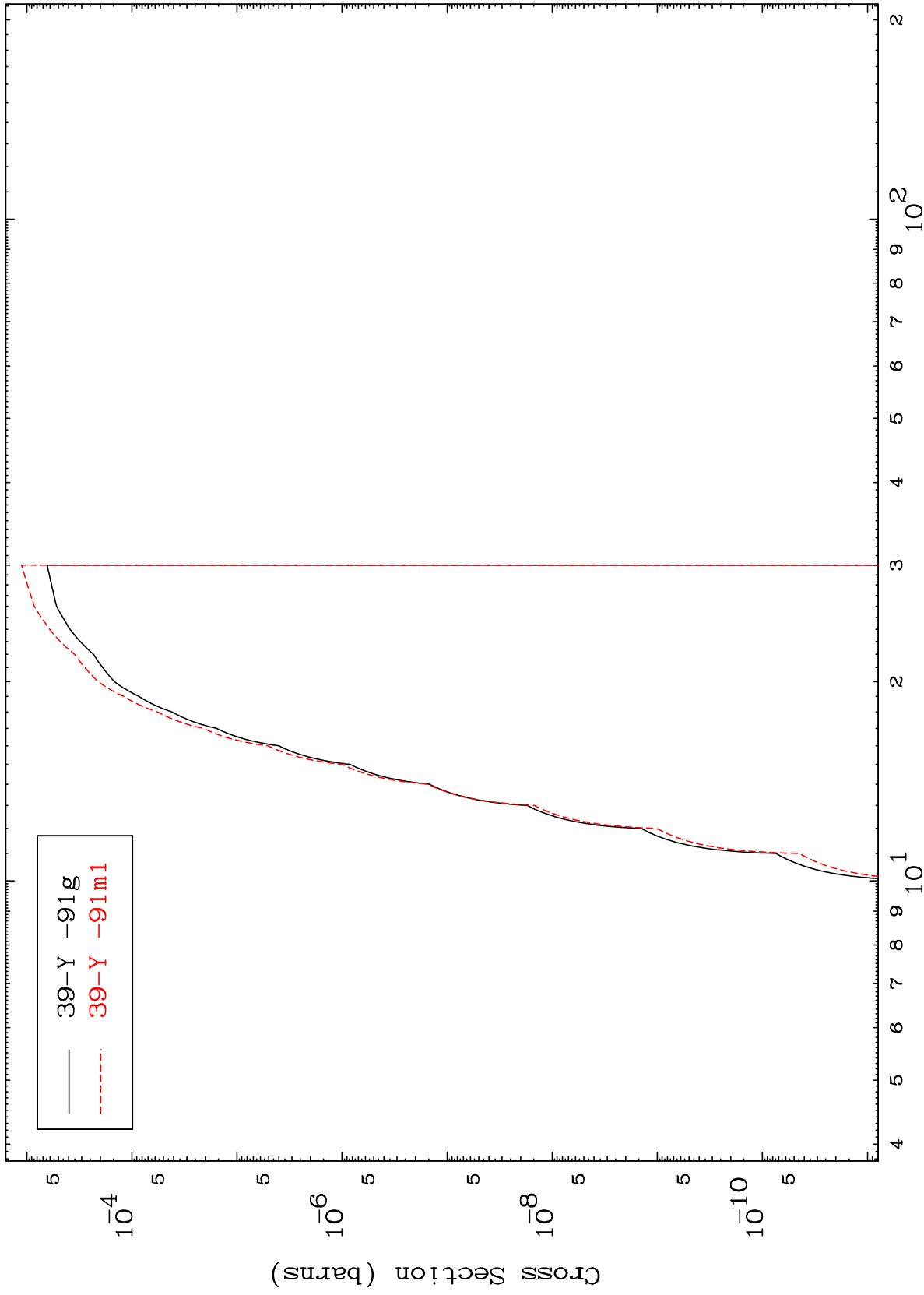
40-Zr-92

MAT 4031

(d,He-3)

40-Zr-92

Radionuclide Production Cross Section



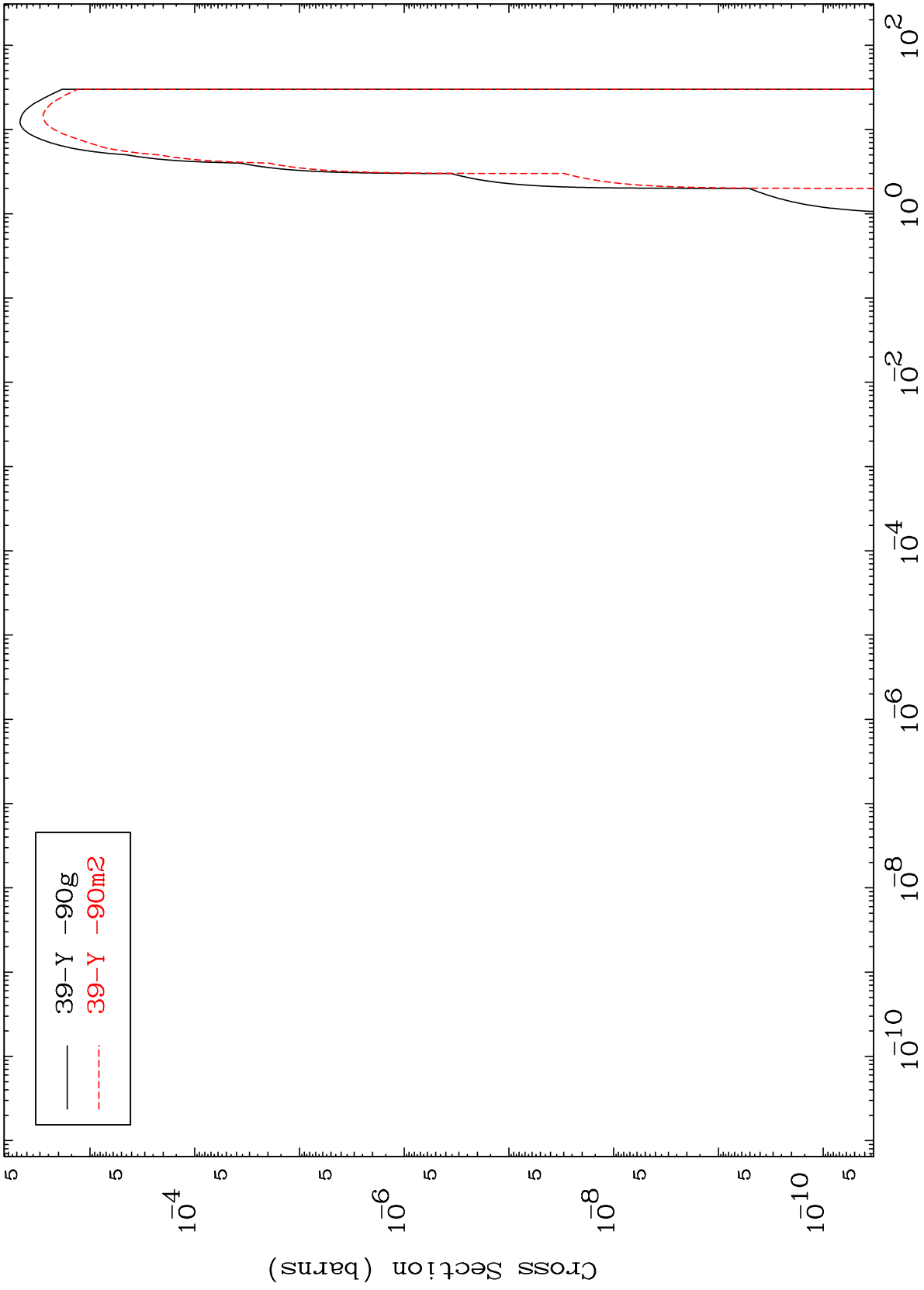
24

40-Zr-92

MAT 4031

(d, α)
Radionuclide Production Cross Section

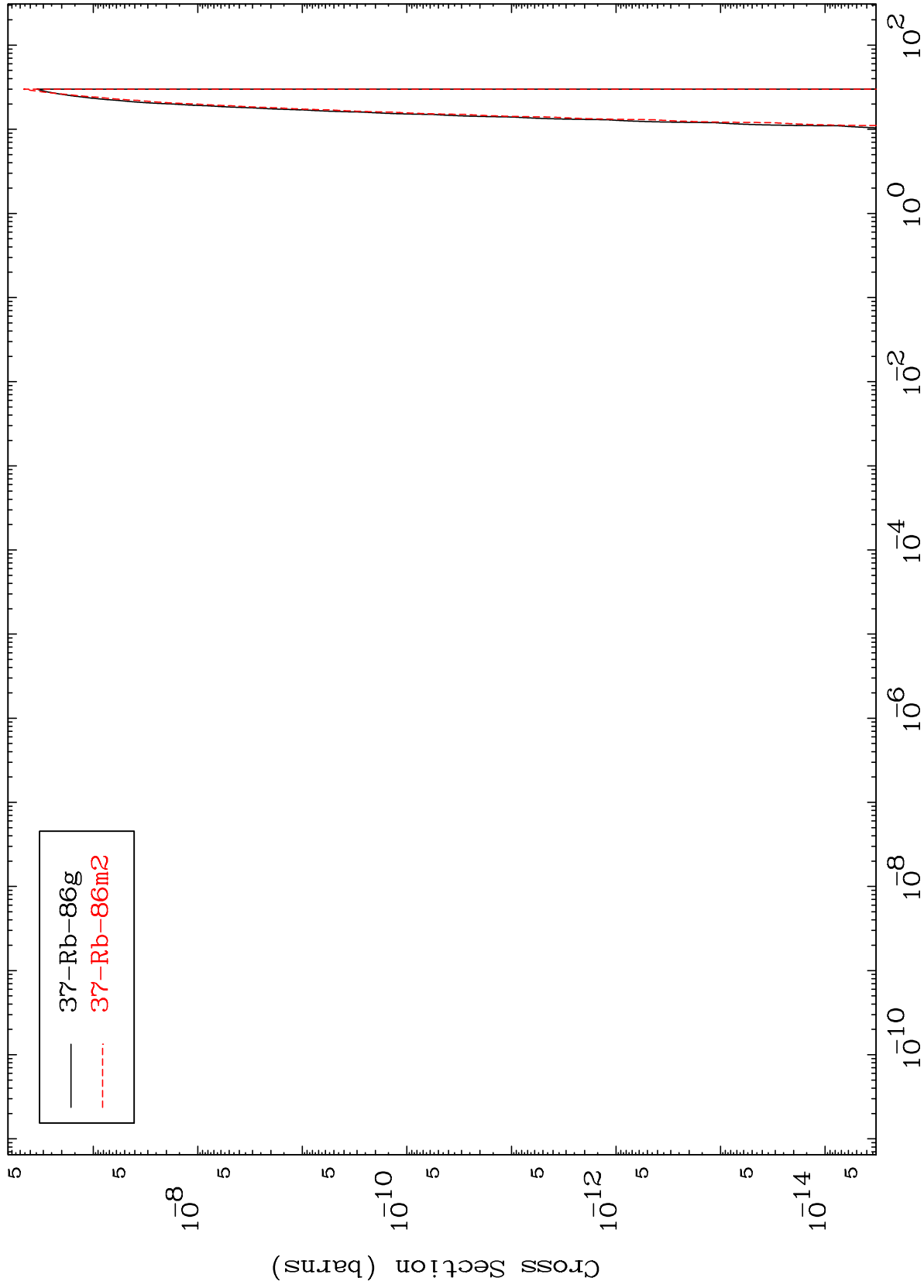
40-Zr-92



MAT 4031

Radionuclide Production Cross Section
(d,2 α)

40-Zr-92



26

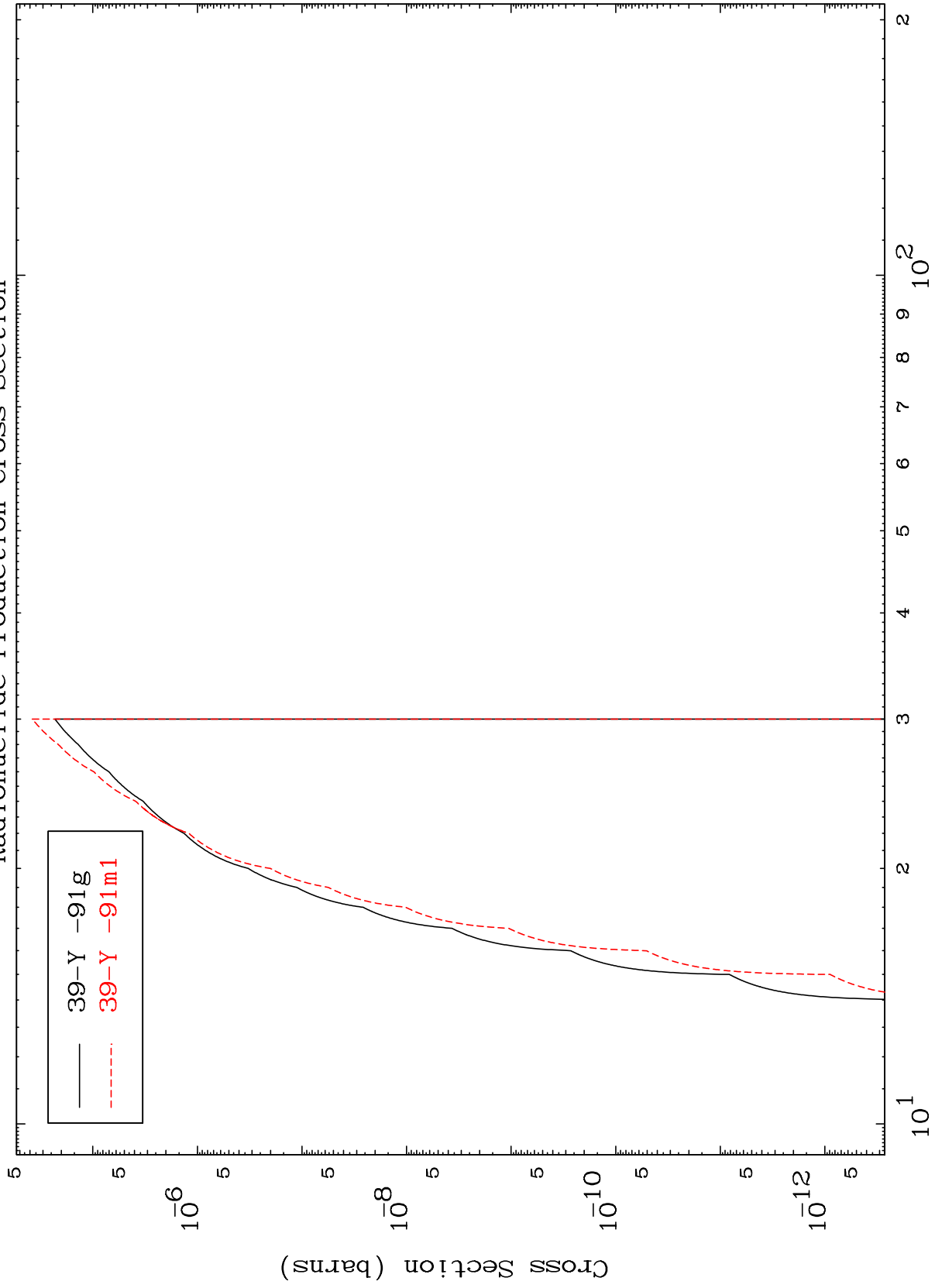
40-Zr-92

MAT 4031

(d,p) d

40-Zr-92

Radionuclide Production Cross Section



27

Incident Energy (MeV)

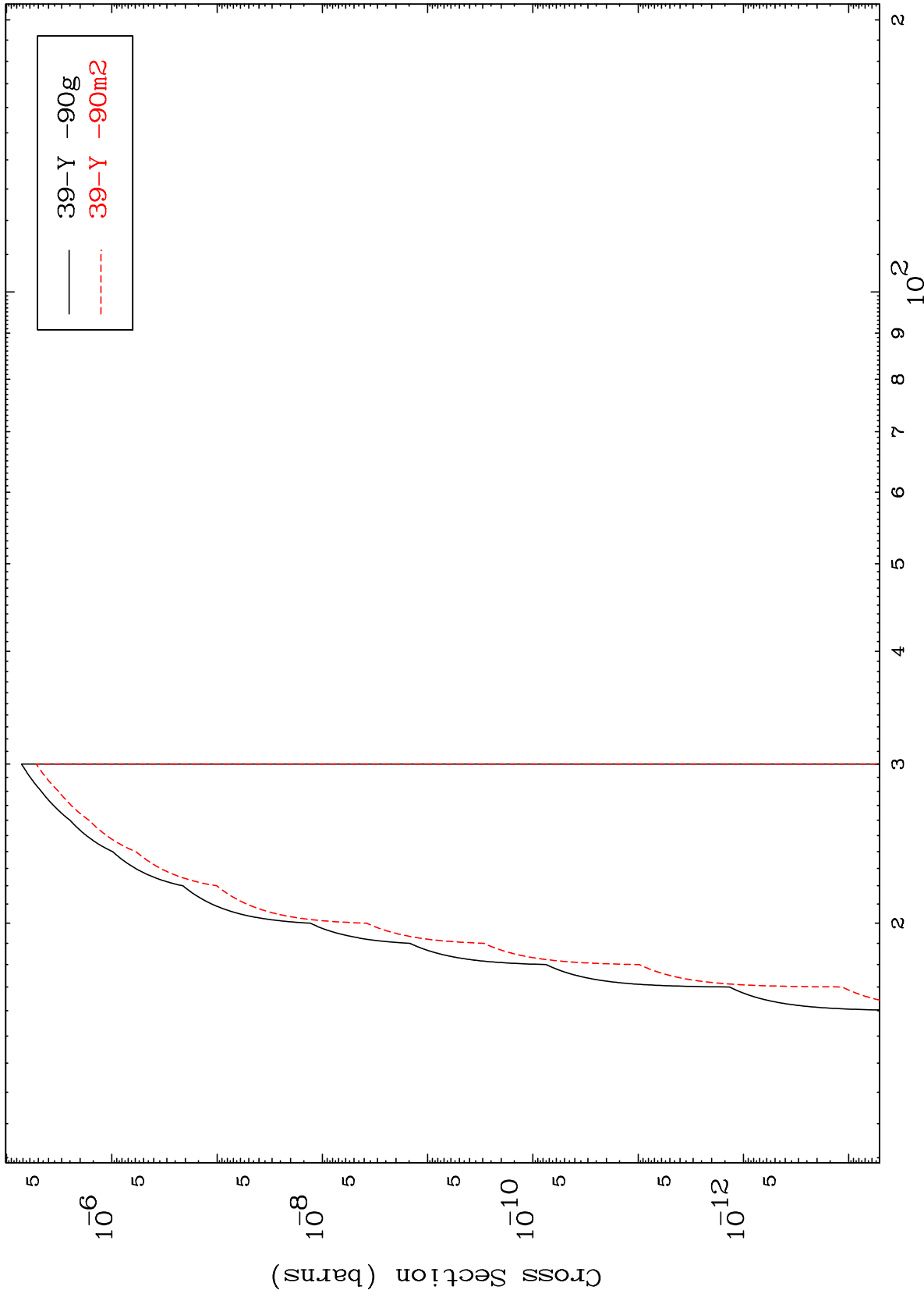
40-Zr-92

MAT 4031

(d,p) t

40-Zr-92

Radionuclide Production Cross Section



28

Incident Energy (MeV)

40-Zr-92