

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

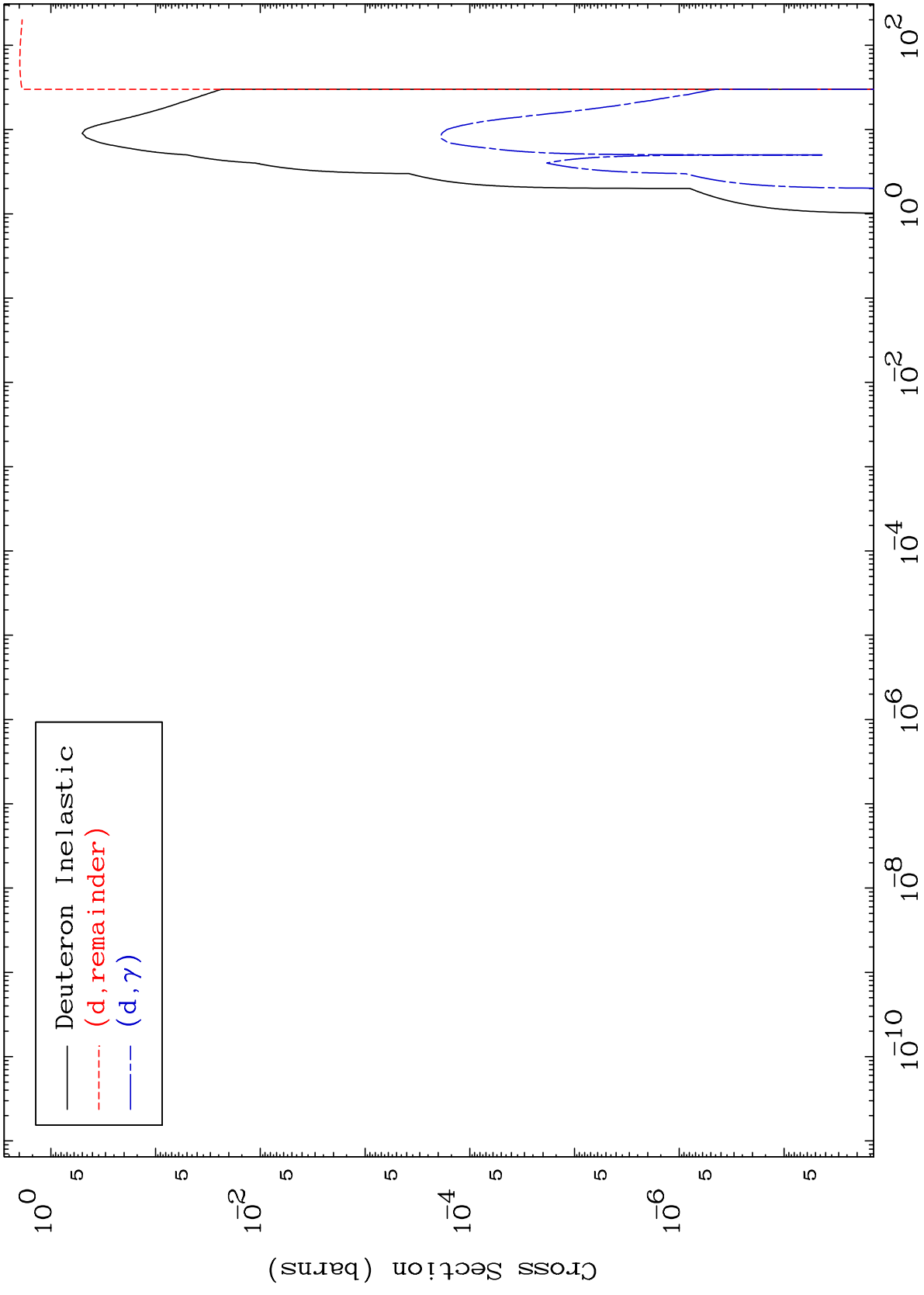
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4025

Deuteron Major
0 Kelvin Cross Sections

40-Zr-90

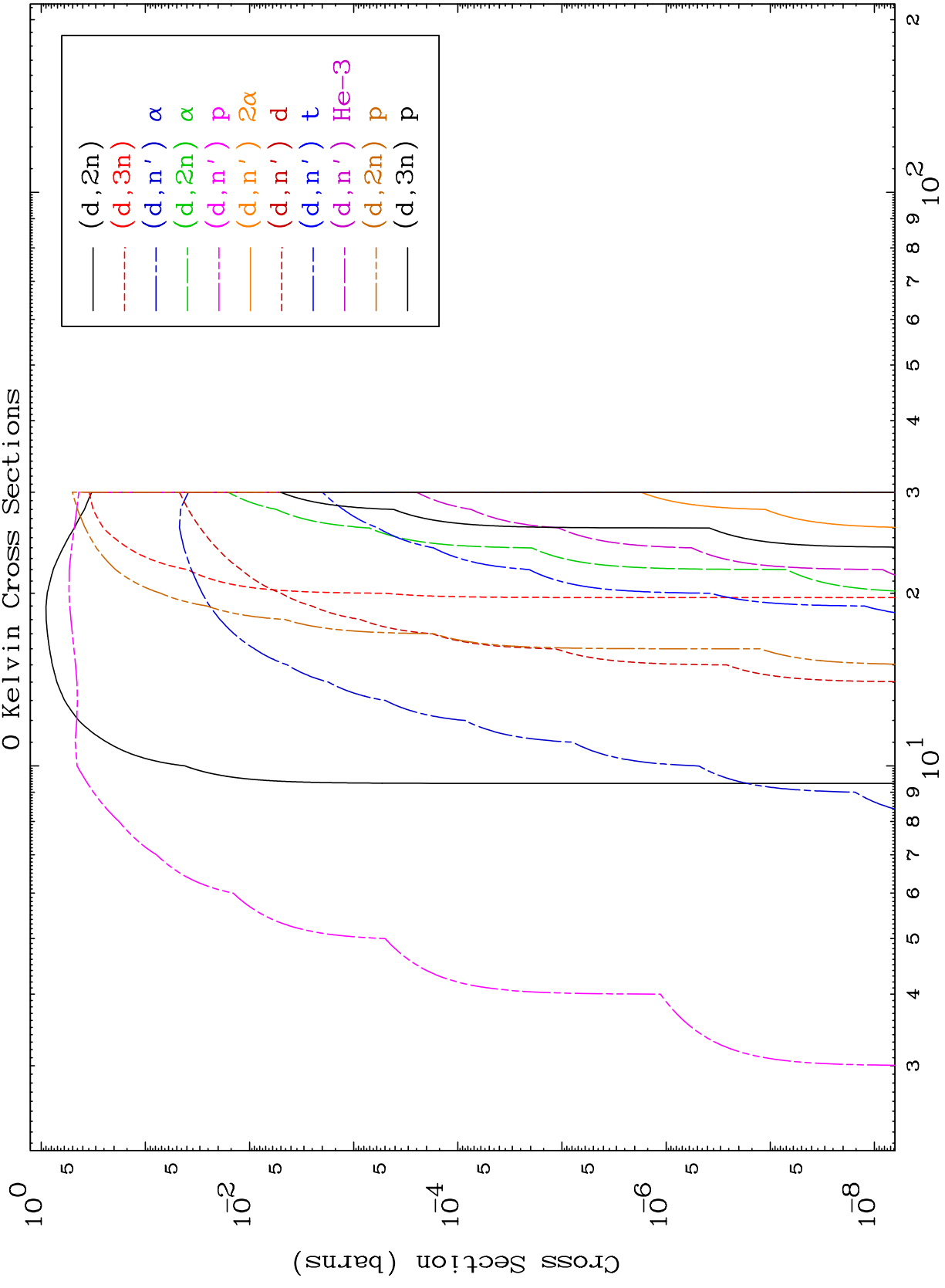


40-Zr-90

MAT 4025

Deuteron Neutron Production
0 Kelvin Cross Sections

40-Zr-90



2

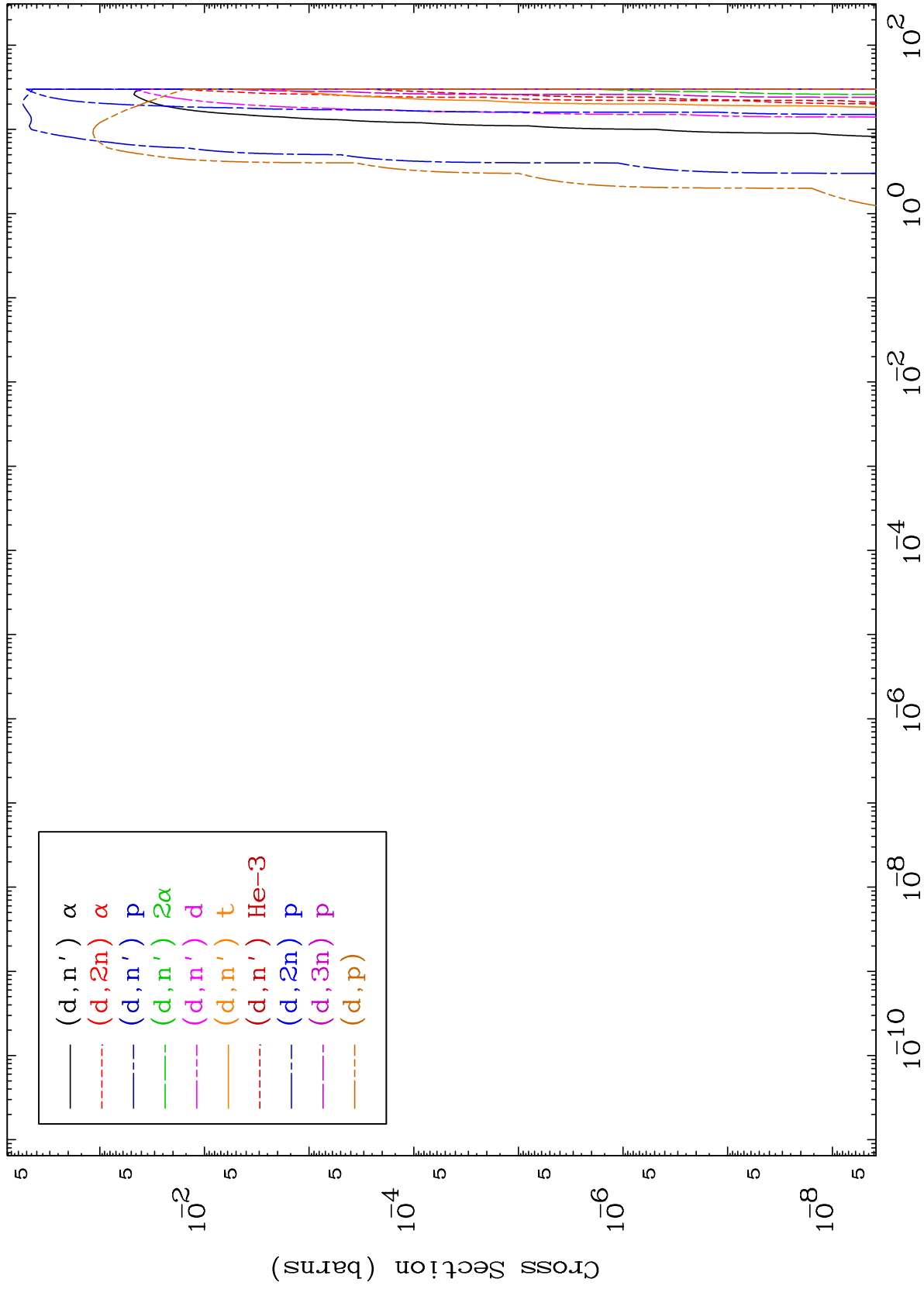
Incident Energy (MeV)

40-Zr-90

MAT 4025

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-90

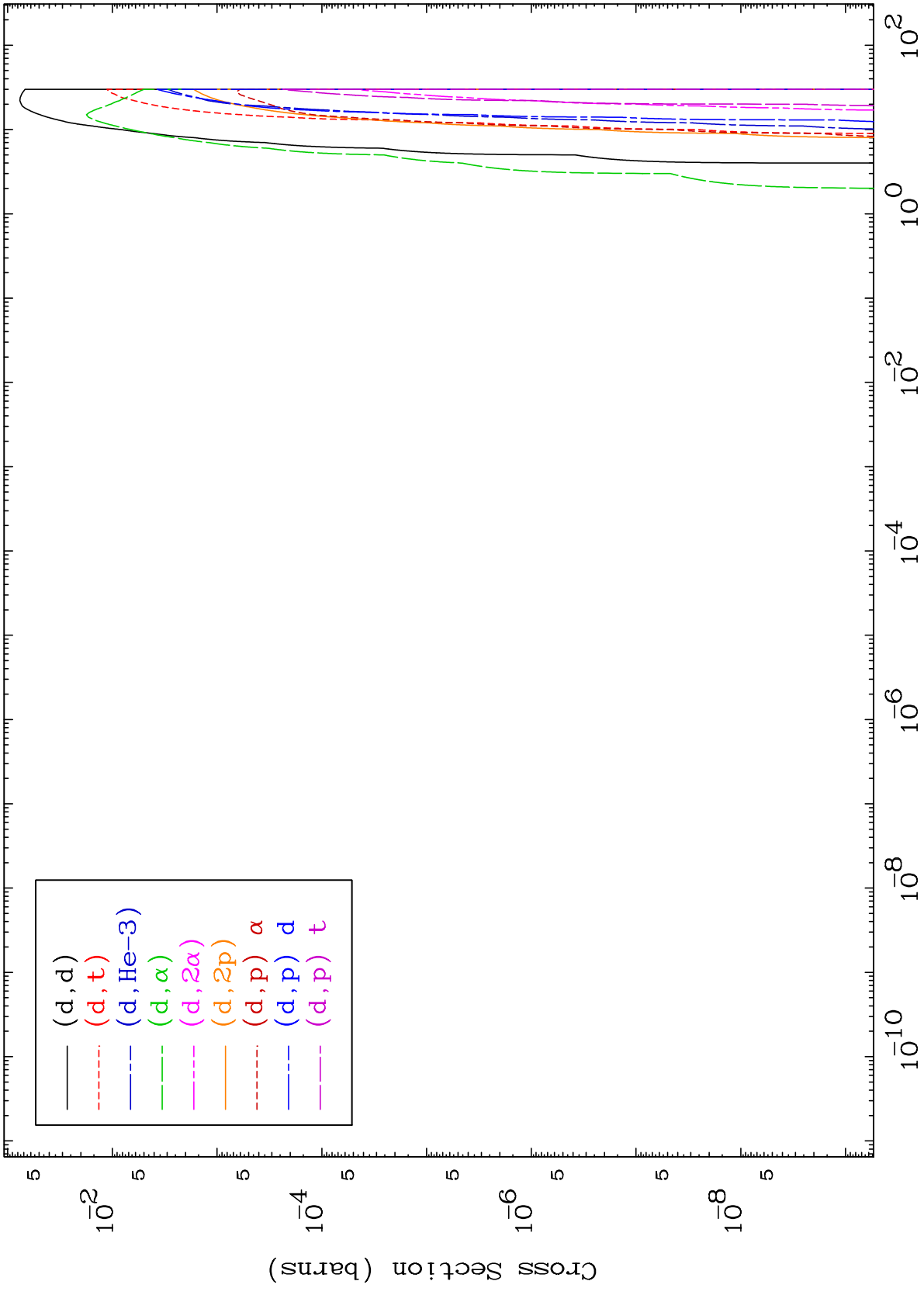


40-Zr-90

MAT 4025

Deuteron Charged Particle
0 Kelvin Cross Sections

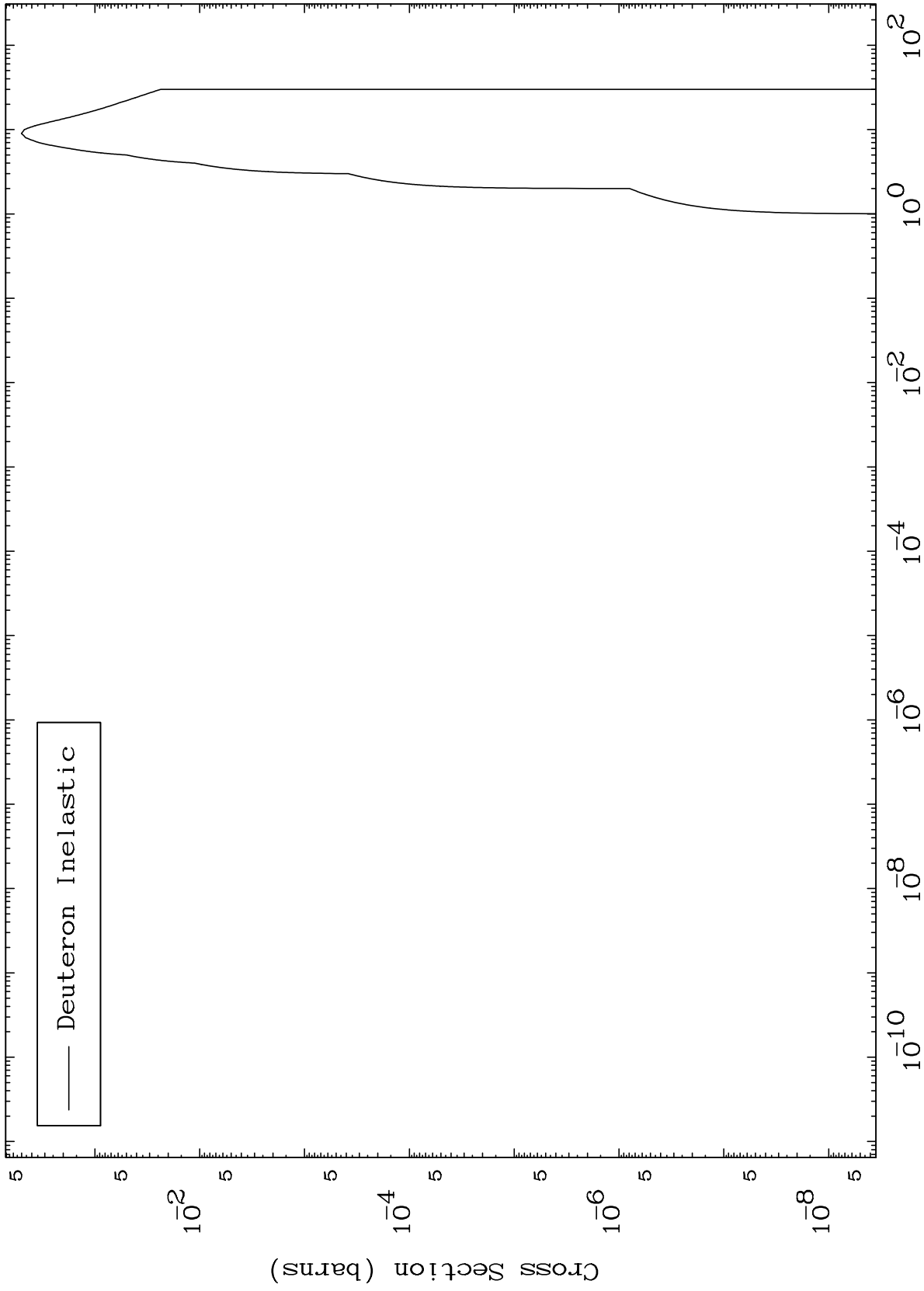
40-Zr-90



MAT 4025

(d,n') Level
0 Kelvin Cross Sections

40-Zr-90



5

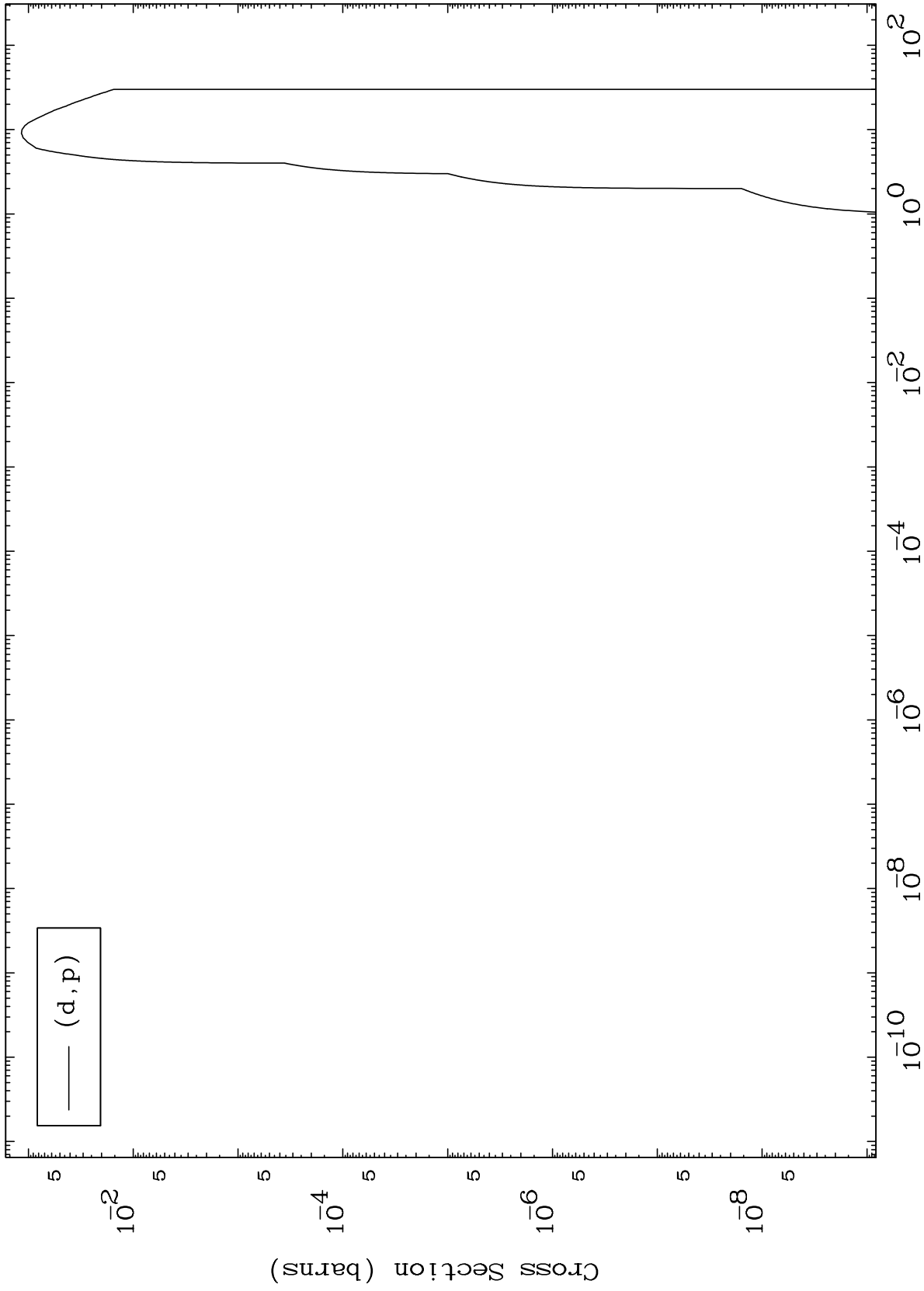
Incident Energy (MeV)

40-Zr-90

MAT 4025

(d,p) Levels
0 Kelvin Cross Sections

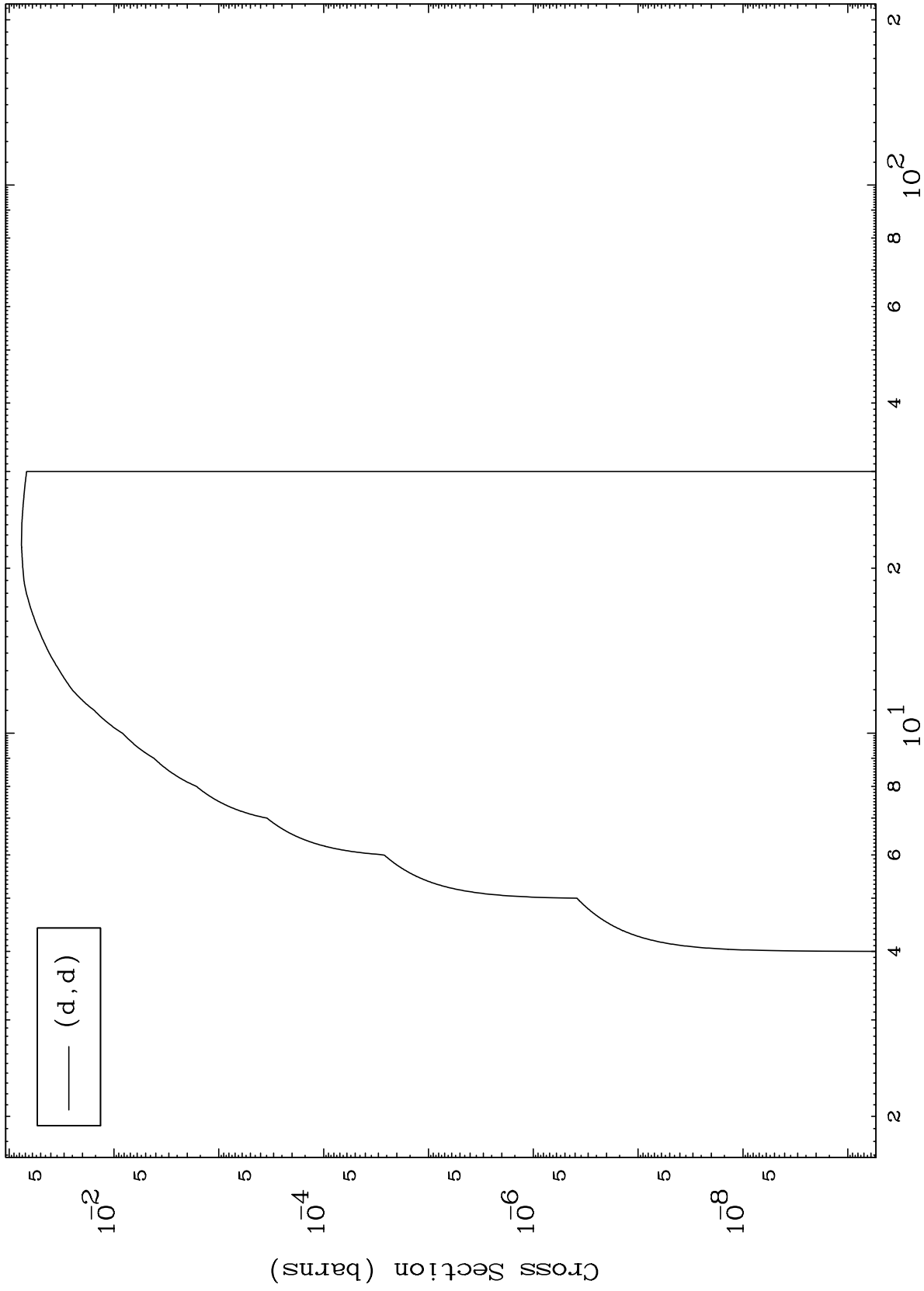
40-Zr-90



MAT 4025

(d,d) Levels
0 Kelvin Cross Sections

40-Zr-90



7

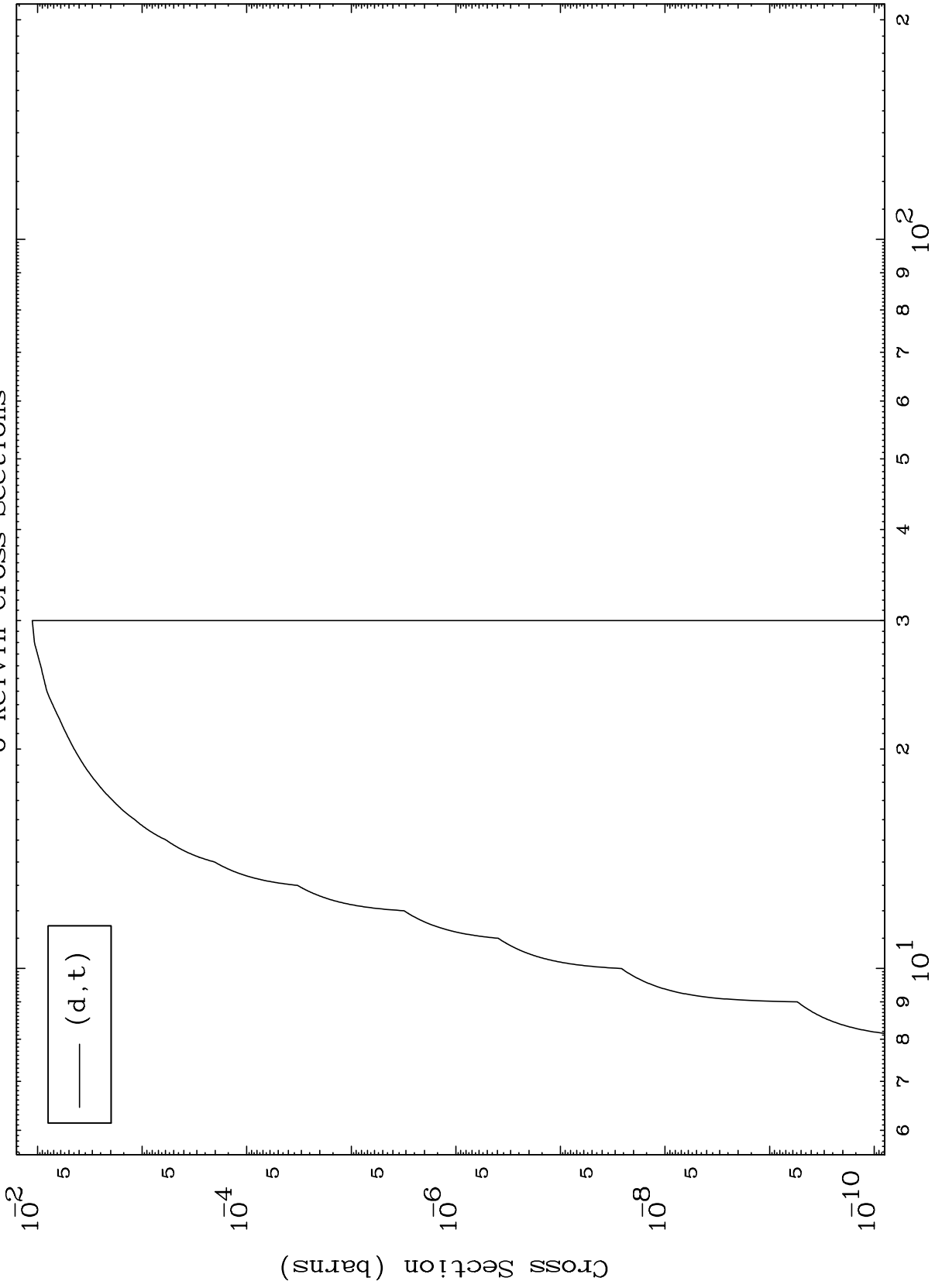
Incident Energy (MeV)

40-Zr-90

MAT 4025

(d,t) Levels
0 Kelvin Cross Sections

40-Zr-90



8

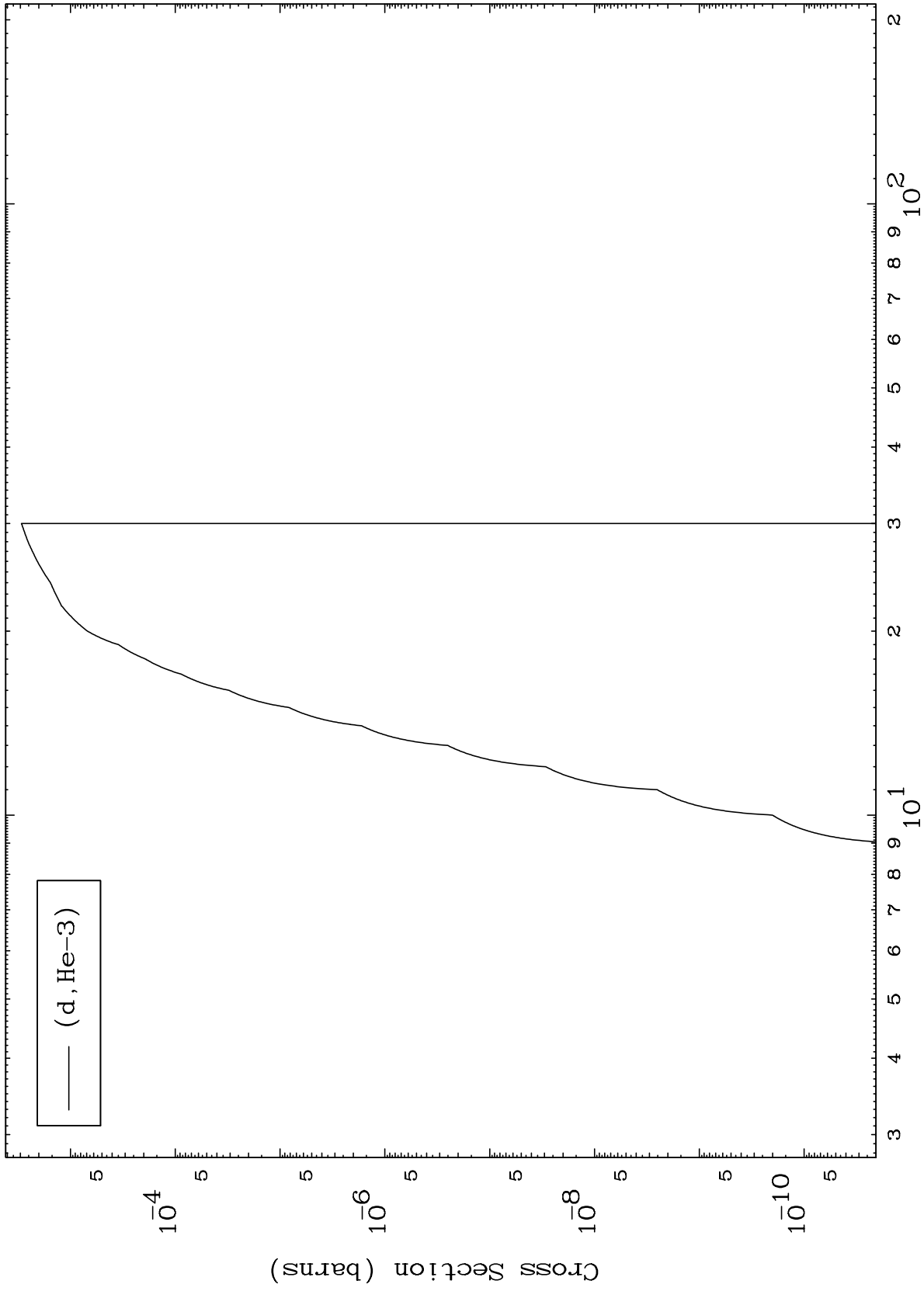
Incident Energy (MeV)

40-Zr-90

MAT 4025

(d,He3) Levels
0 Kelvin Cross Sections

40-Zr-90

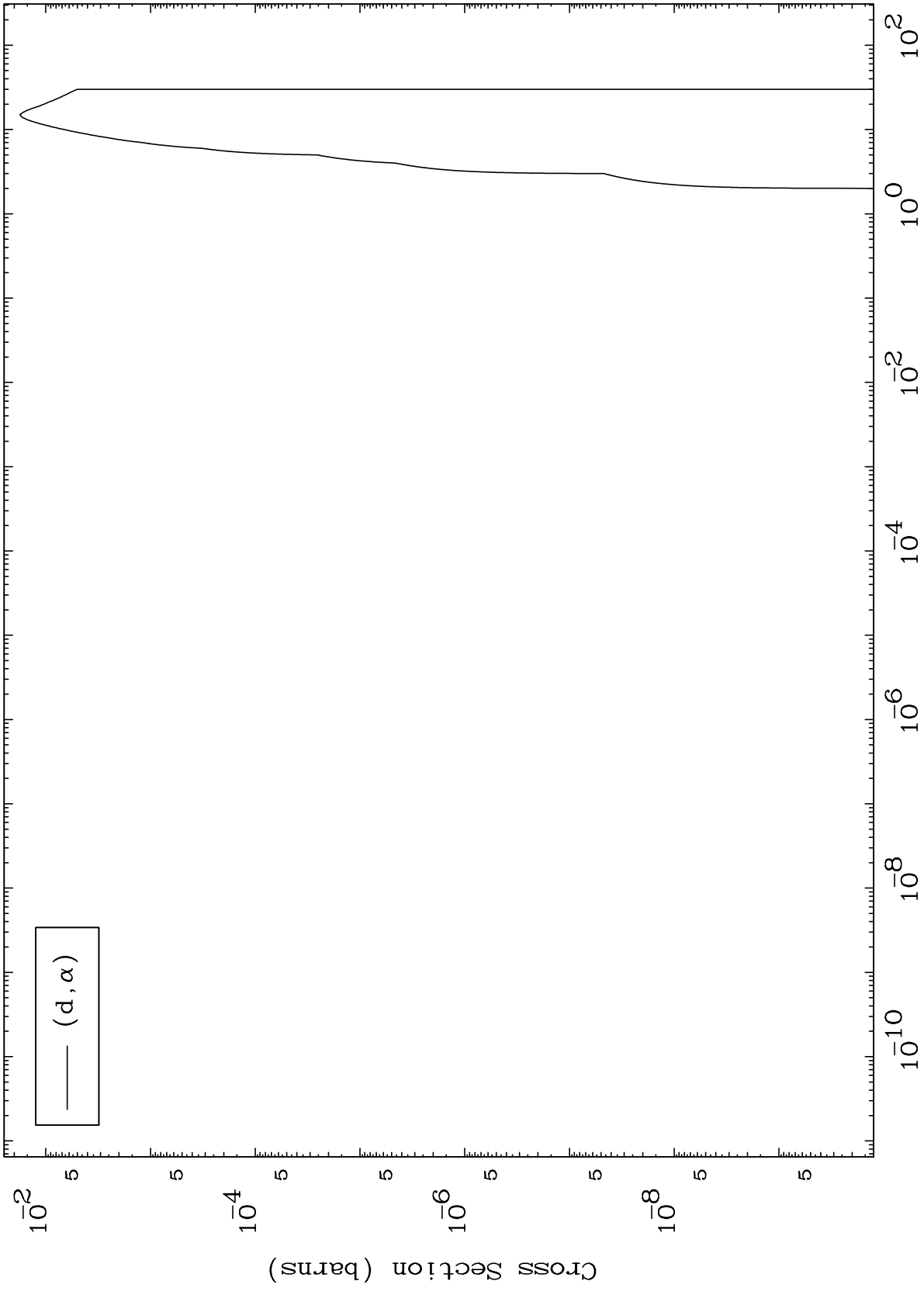


9

MAT 4025

(d, α) Levels
0 Kelvin Cross Sections

40-Zr-90



10

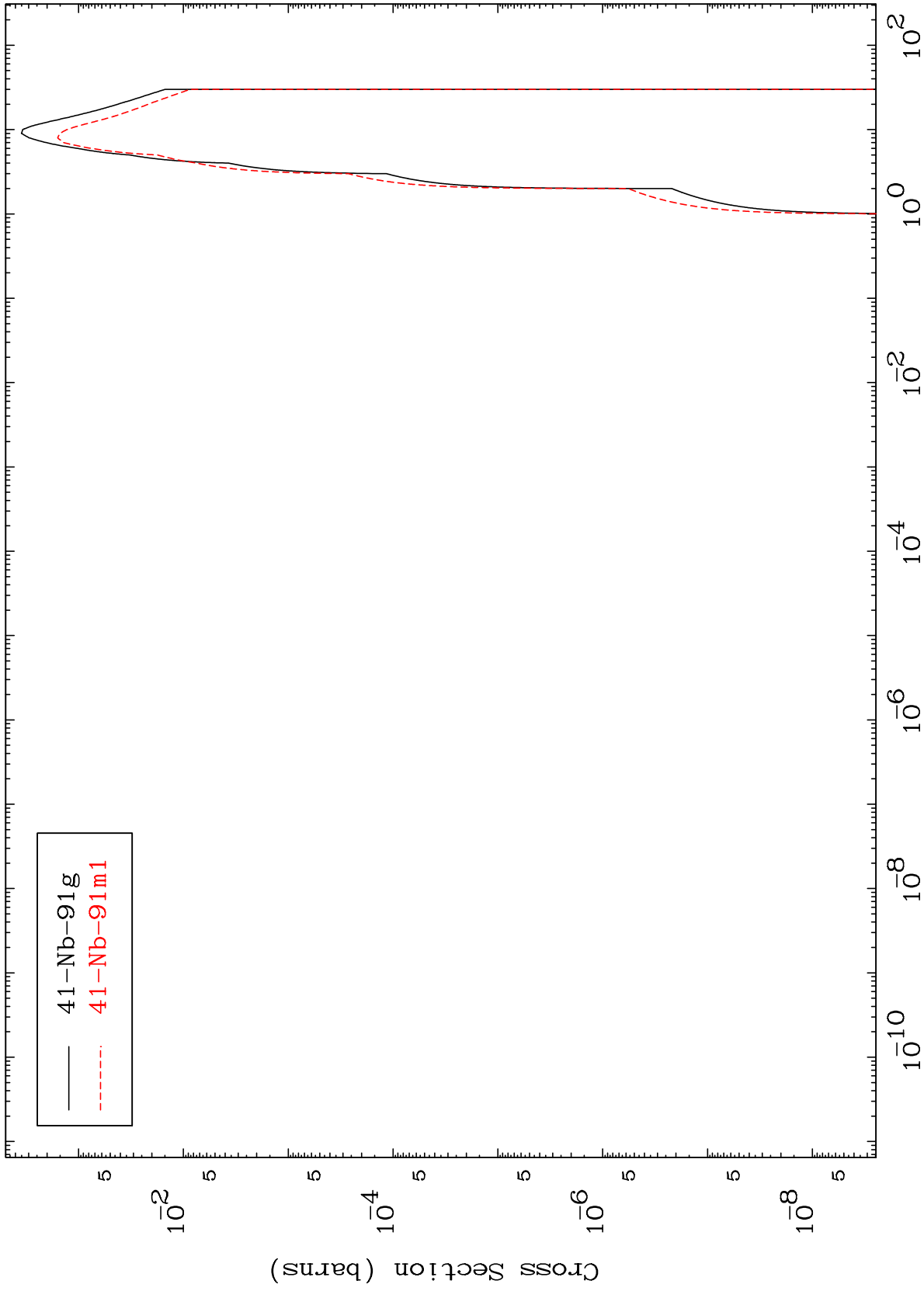
Incident Energy (MeV)

40-Zr-90

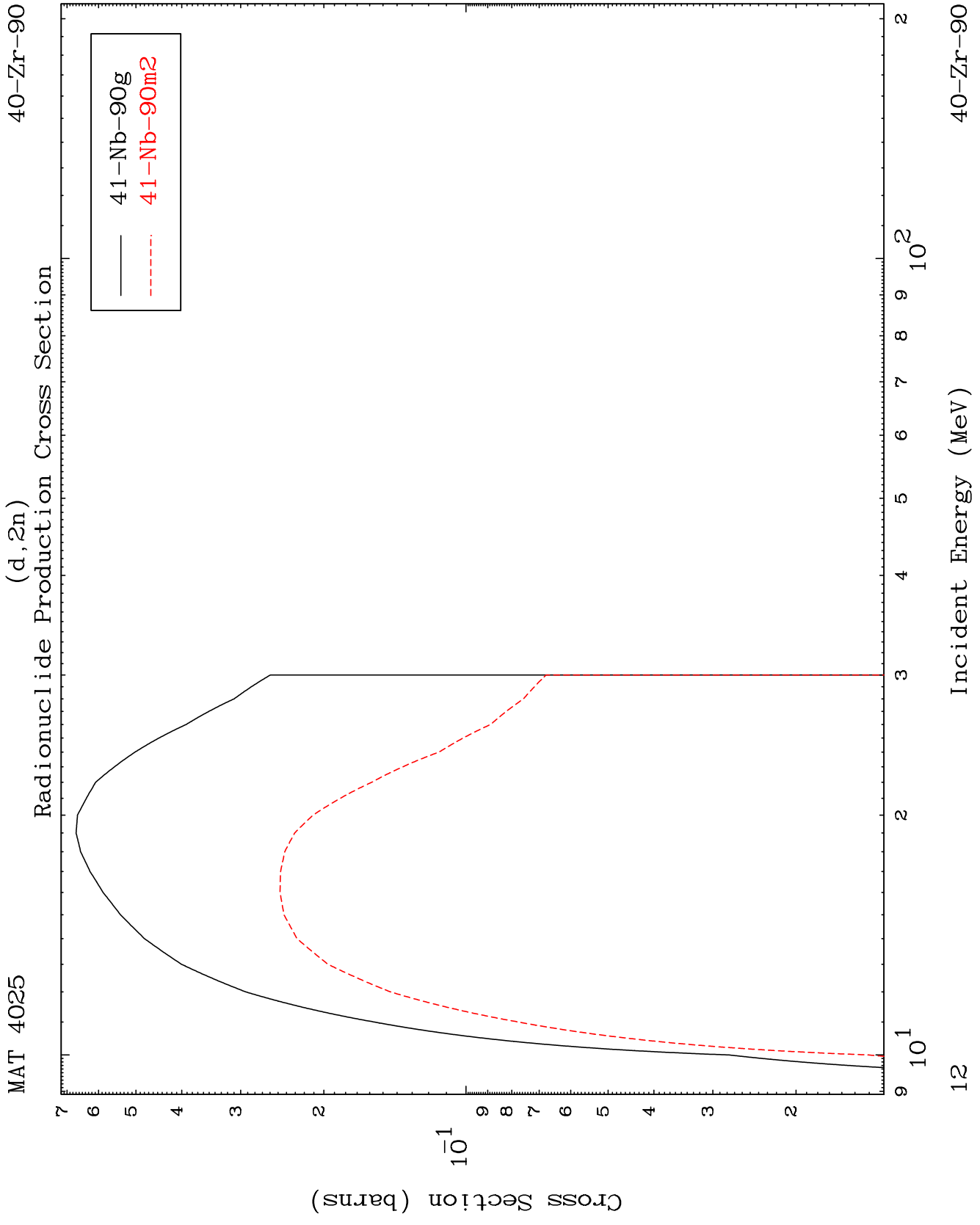
MAT 4025

Deuteron Inelastic
Radionuclide Production Cross Section

40-Zr-90



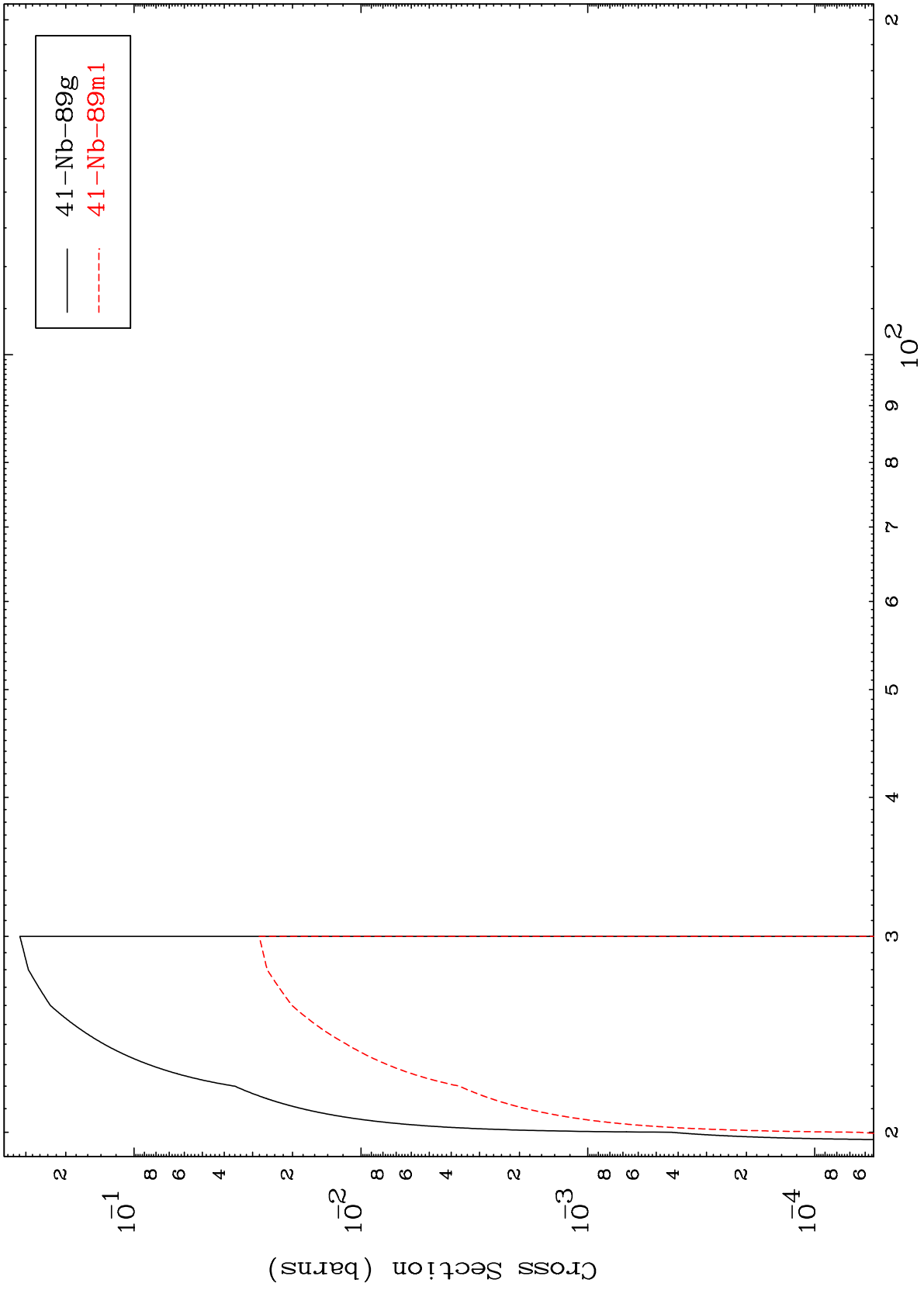
40-Zr-90



MAT 4025

40-Zr-90

(d,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

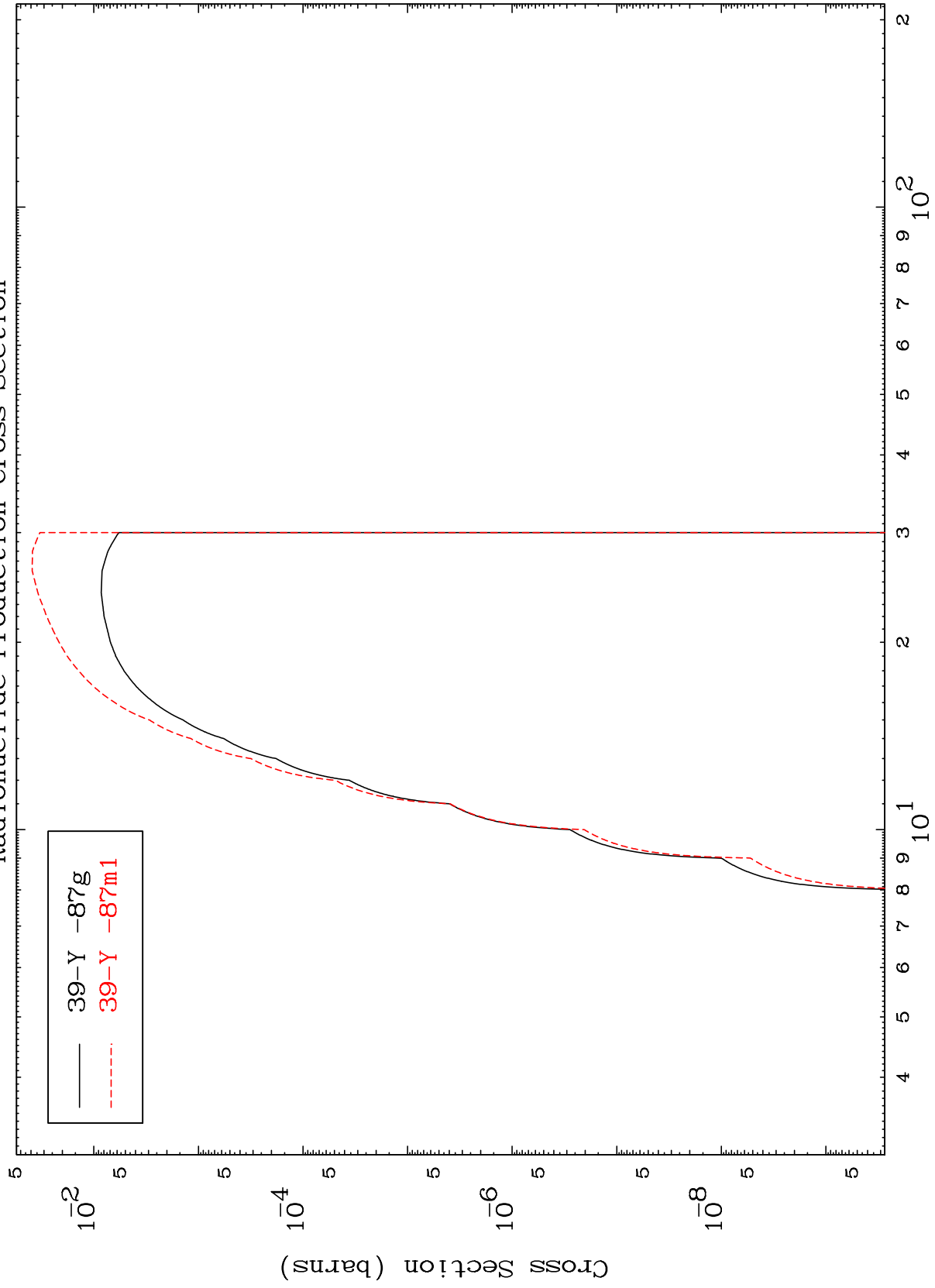
40-Zr-90

MAT 4025

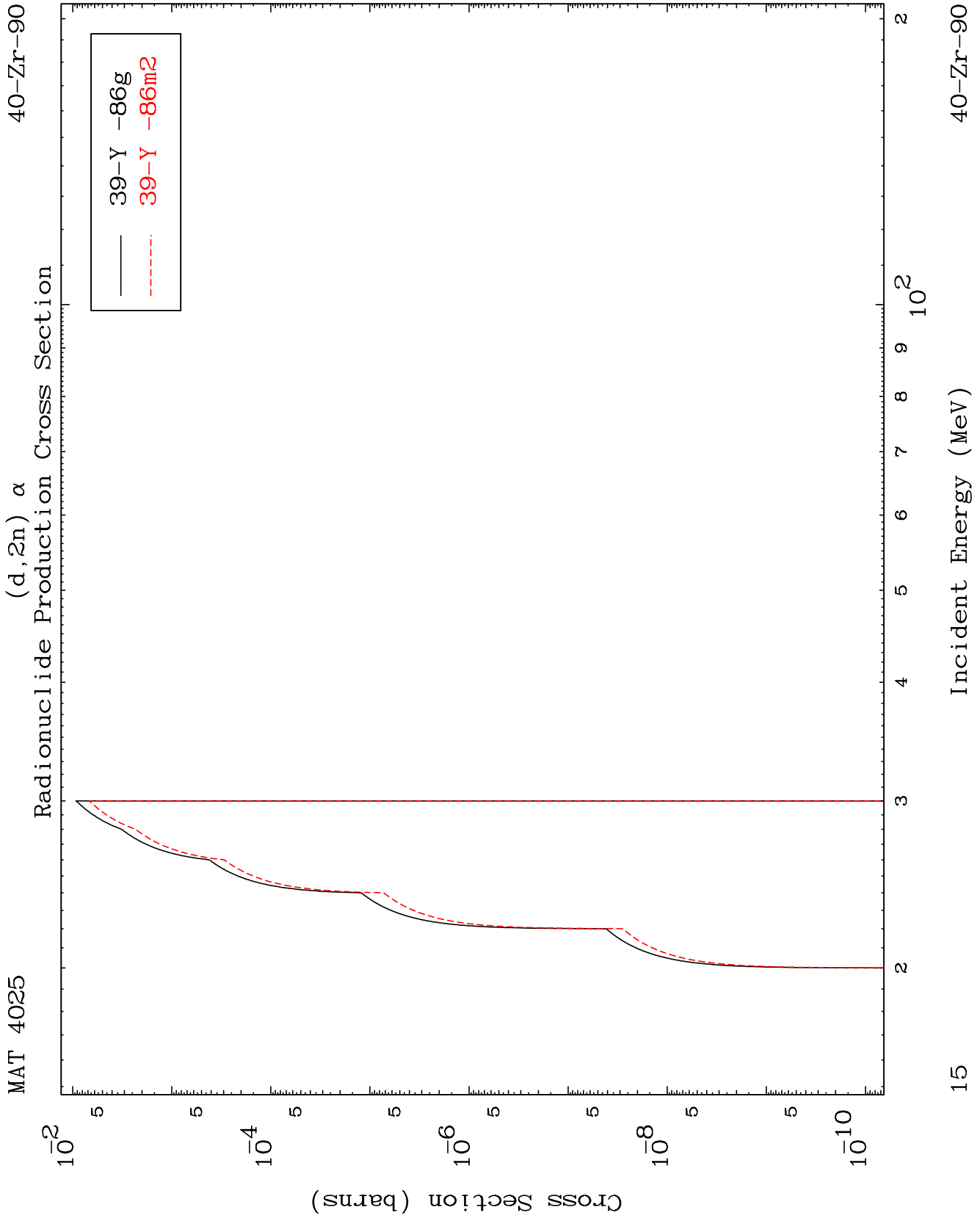
(d,n') α

40-Zr-90

Radionuclide Production Cross Section



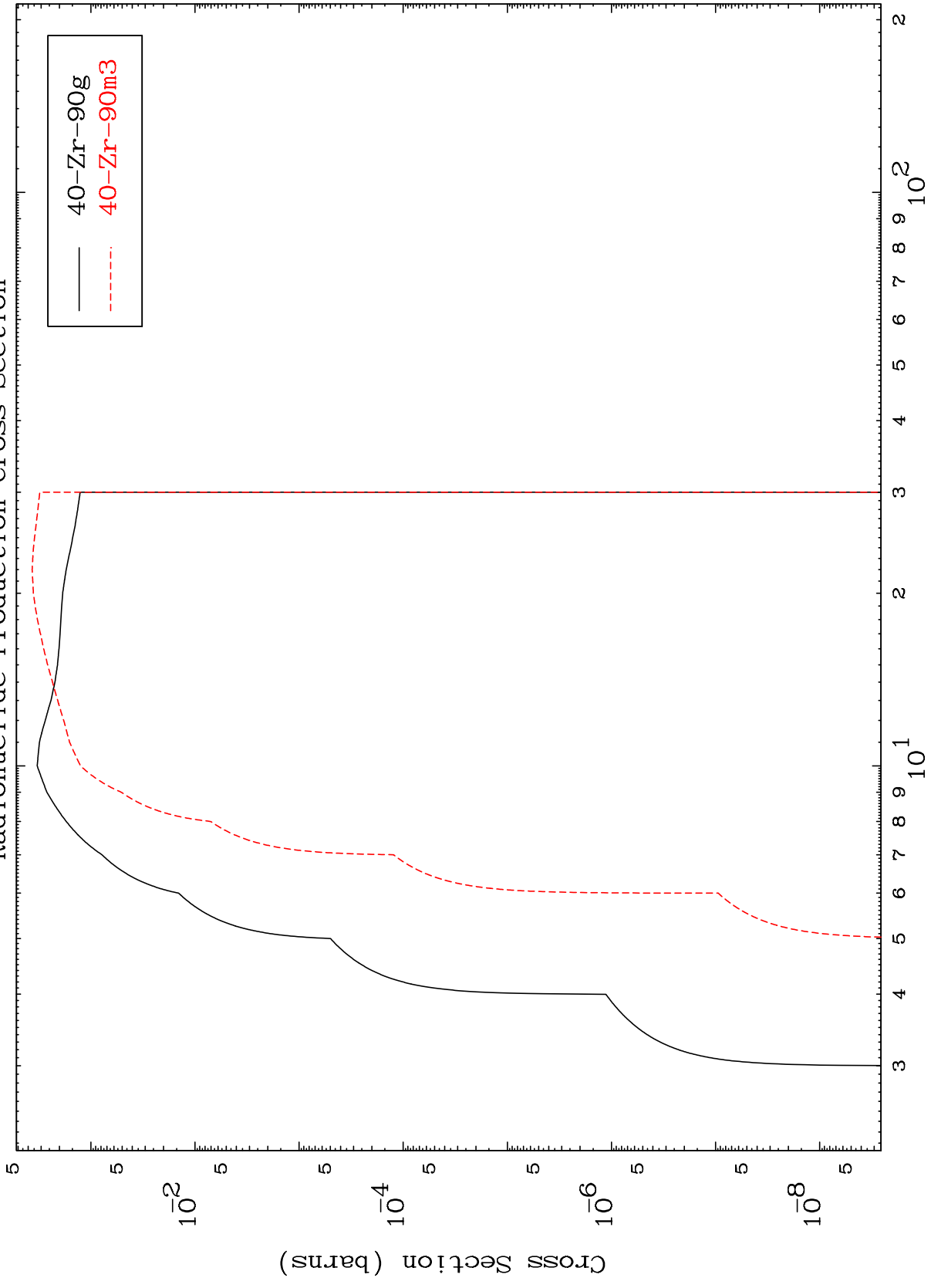
39-Y -87g
39-Y -87m1



MAT 4025

40-Zr-90

(d,n') p
Radionuclide Production Cross Section



16

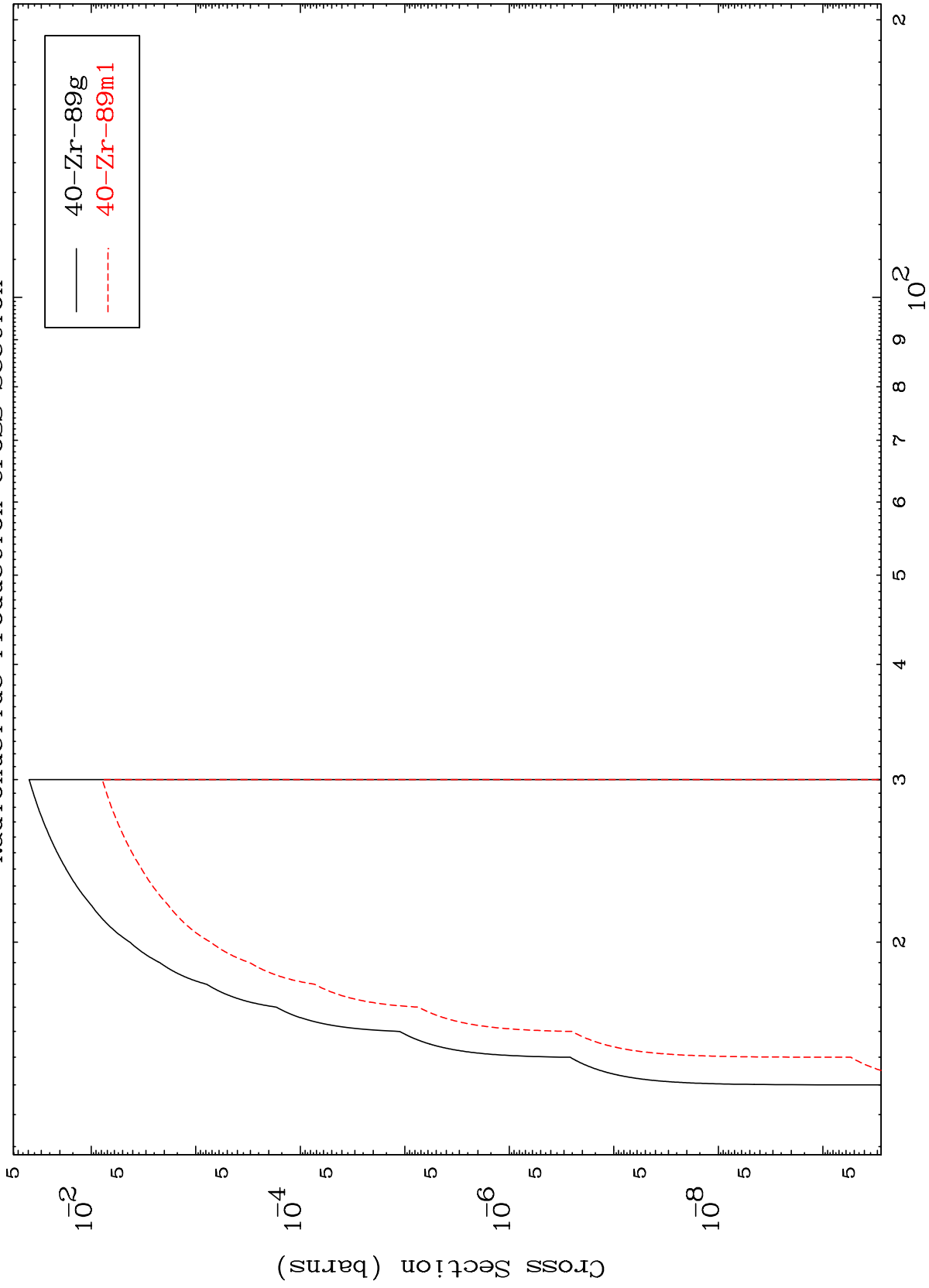
40-Zr-90

MAT 4025

(d,n') d

40-Zr-90

Radionuclide Production Cross Section



17

Incident Energy (MeV)

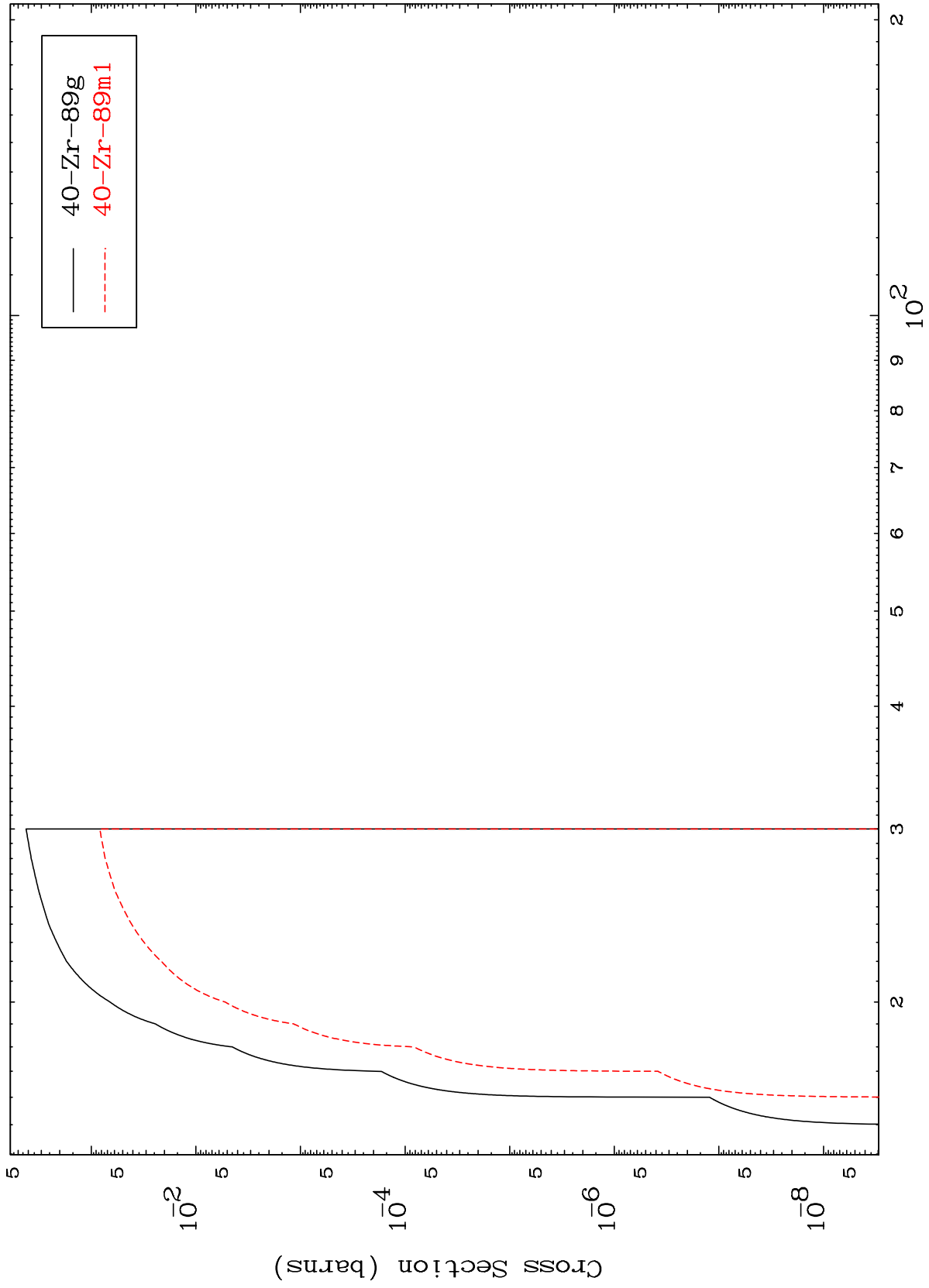
40-Zr-90

MAT 4025

(d,2n) p

40-Zr-90

Radionuclide Production Cross Section



18

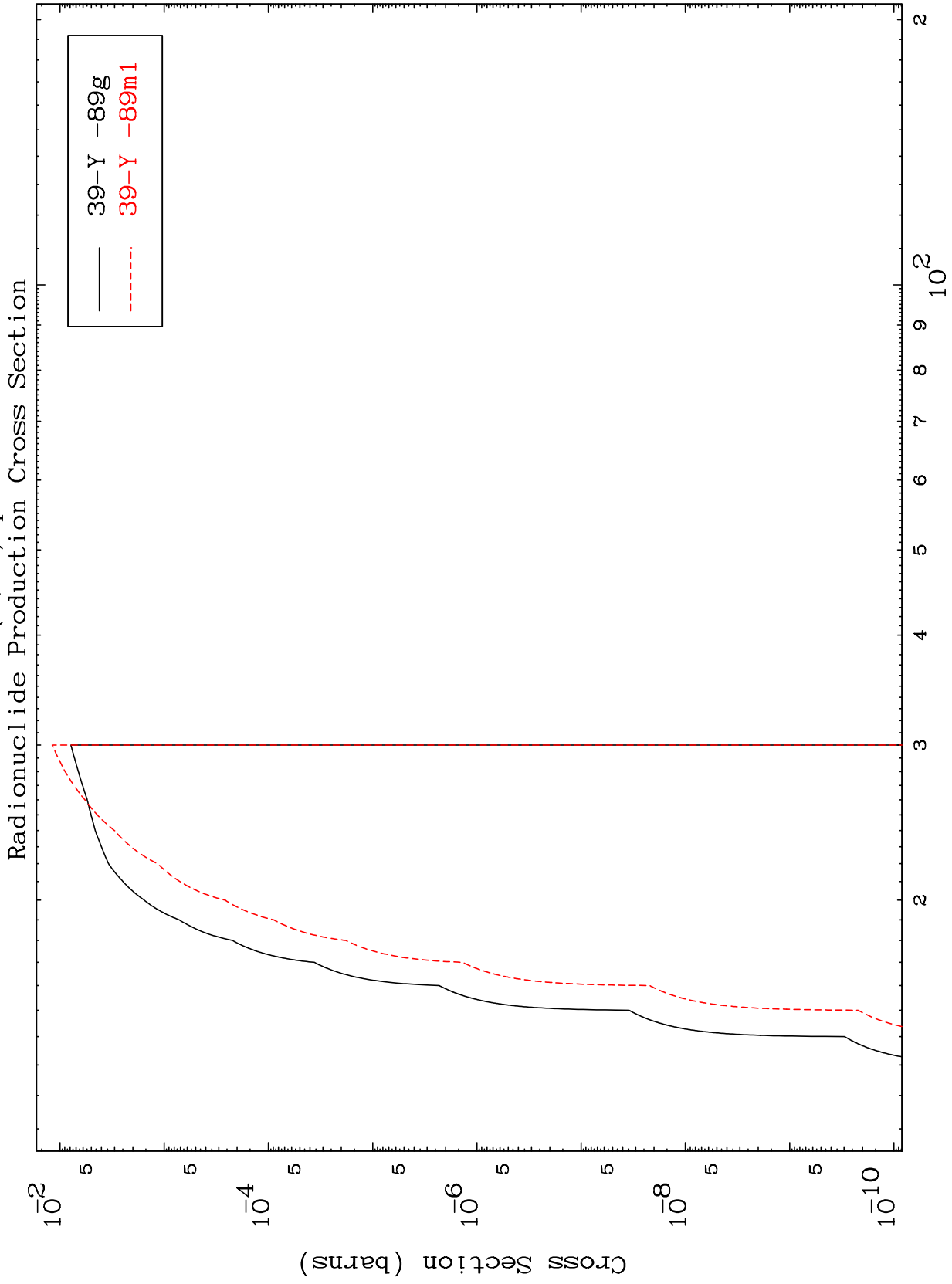
Incident Energy (MeV)

40-Zr-90

MAT 4025

(d,2n) p

40-Zr-90



19

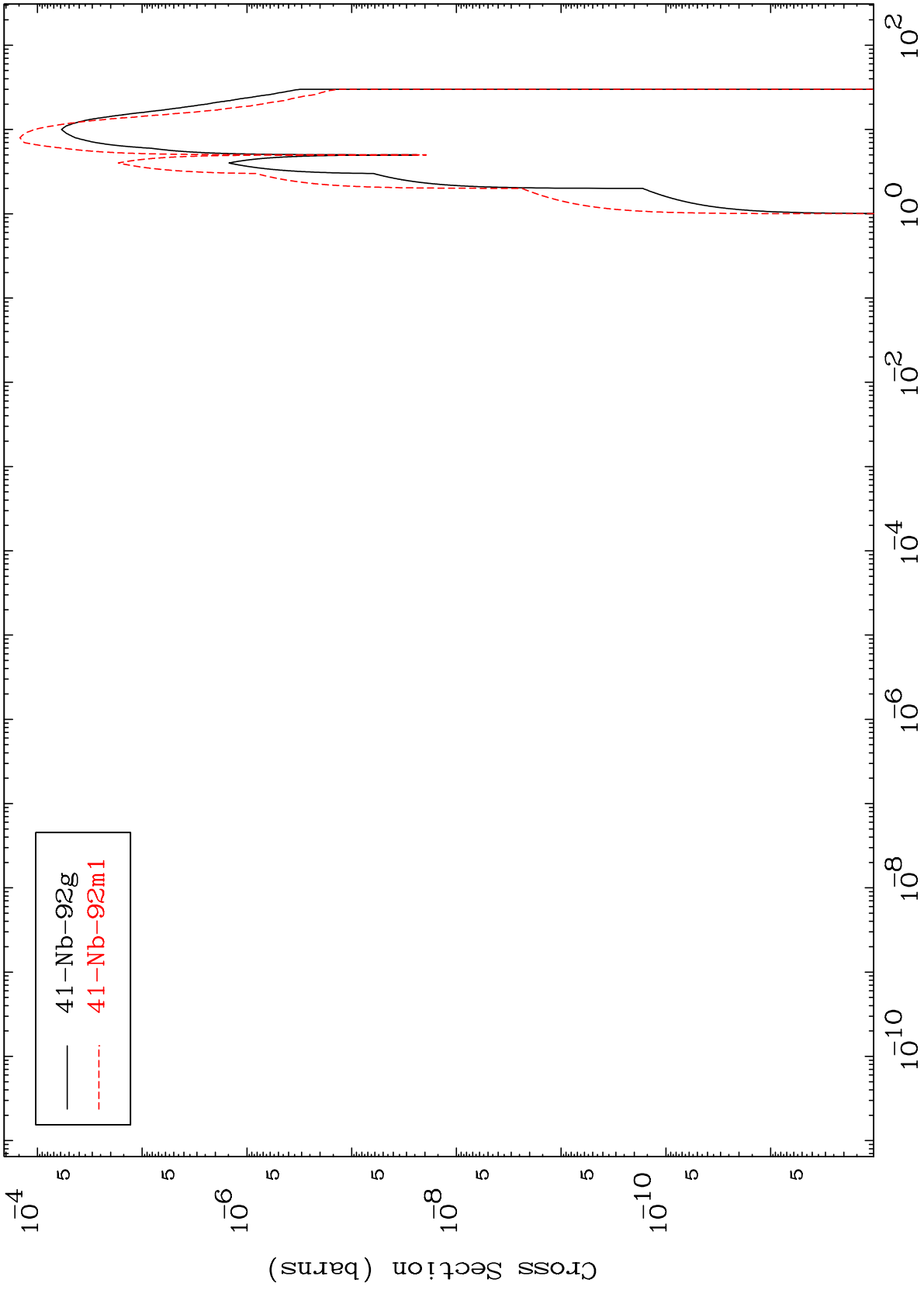
Incident Energy (MeV)

40-Zr-90

MAT 4025

Radionuclide Production Cross Section
(d, γ)

40-Zr-90



20

Incident Energy (MeV)

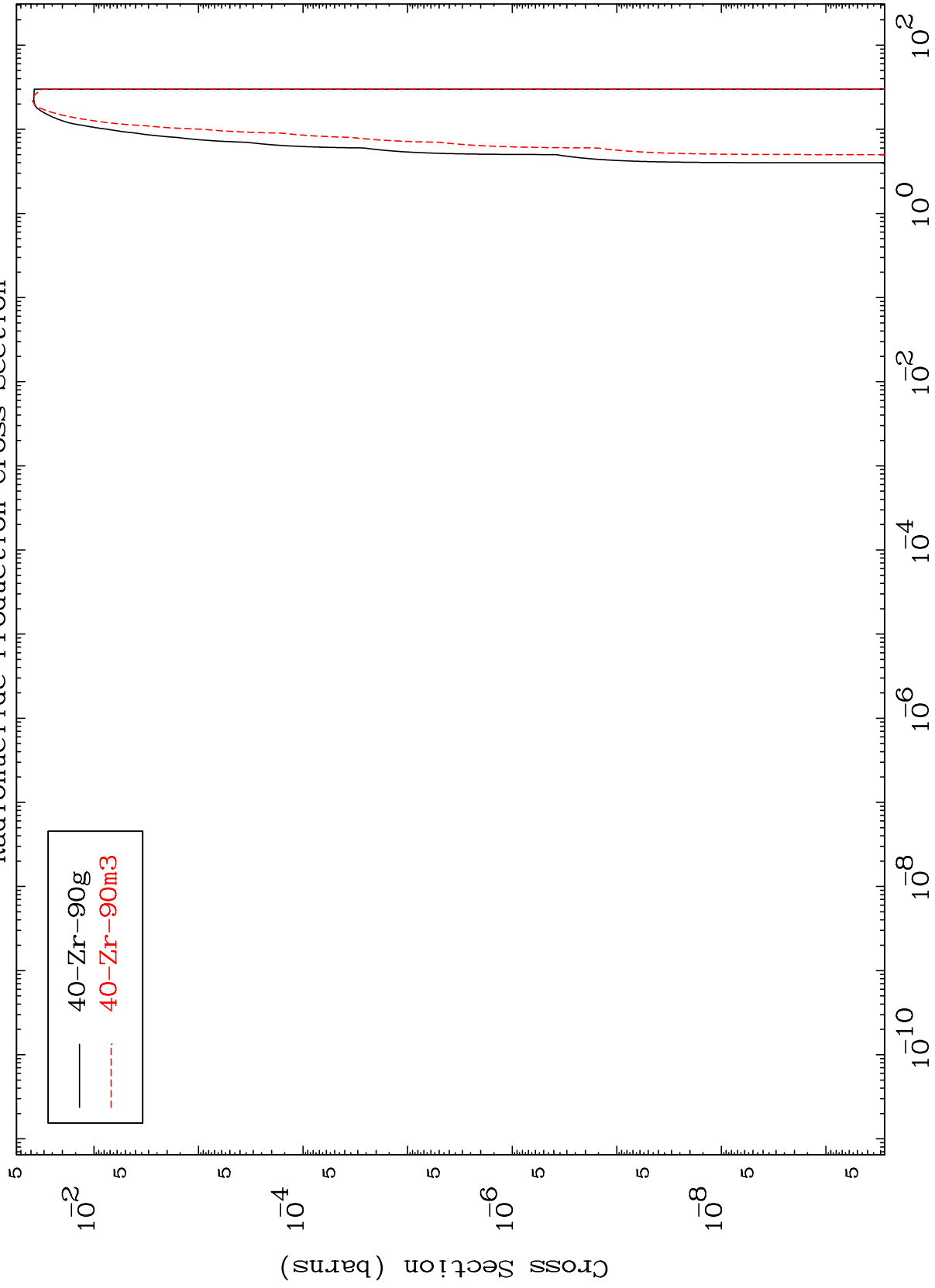
40-Zr-90

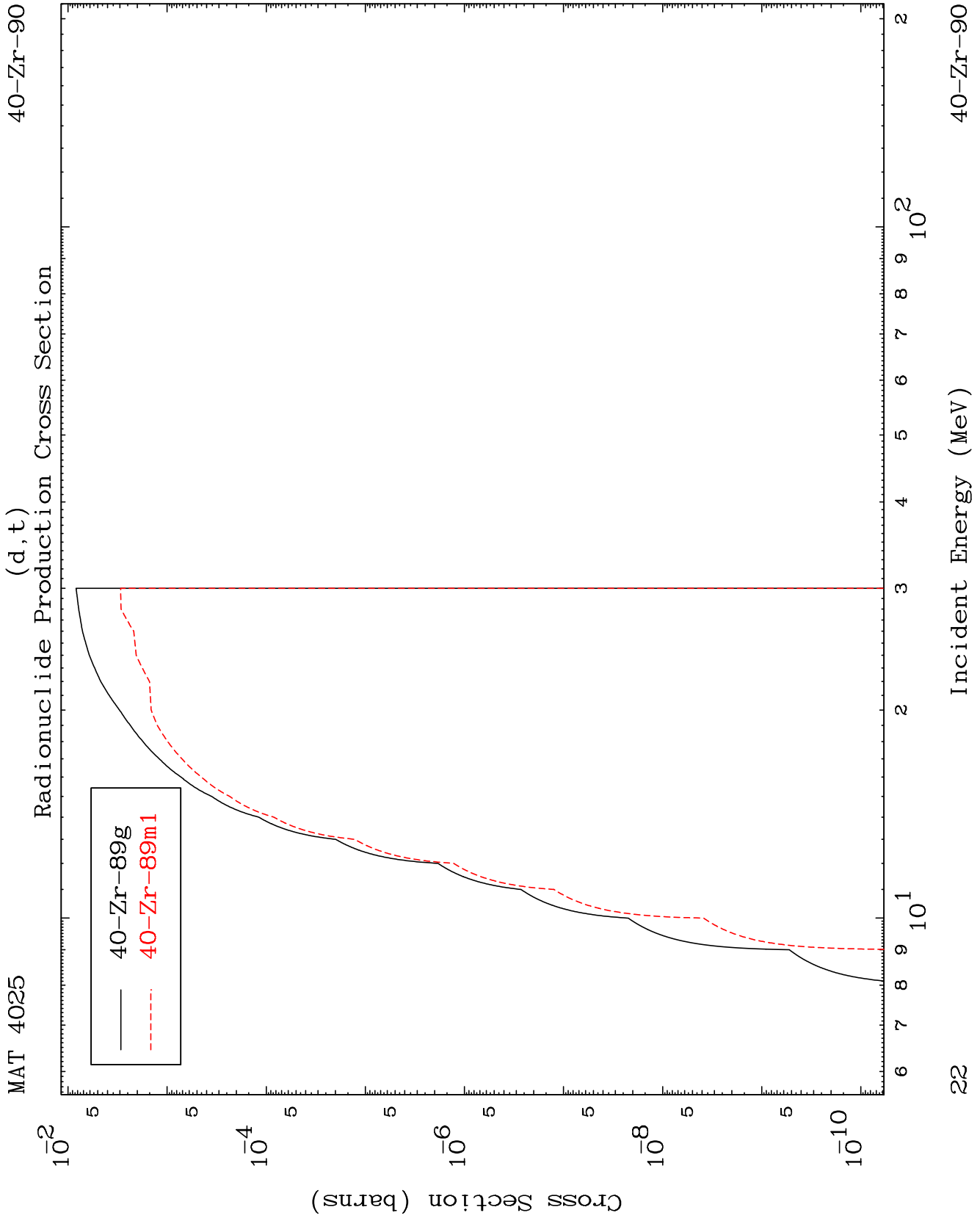
MAT 4025

(d,d)

Radionuclide Production Cross Section

40-Zr-90



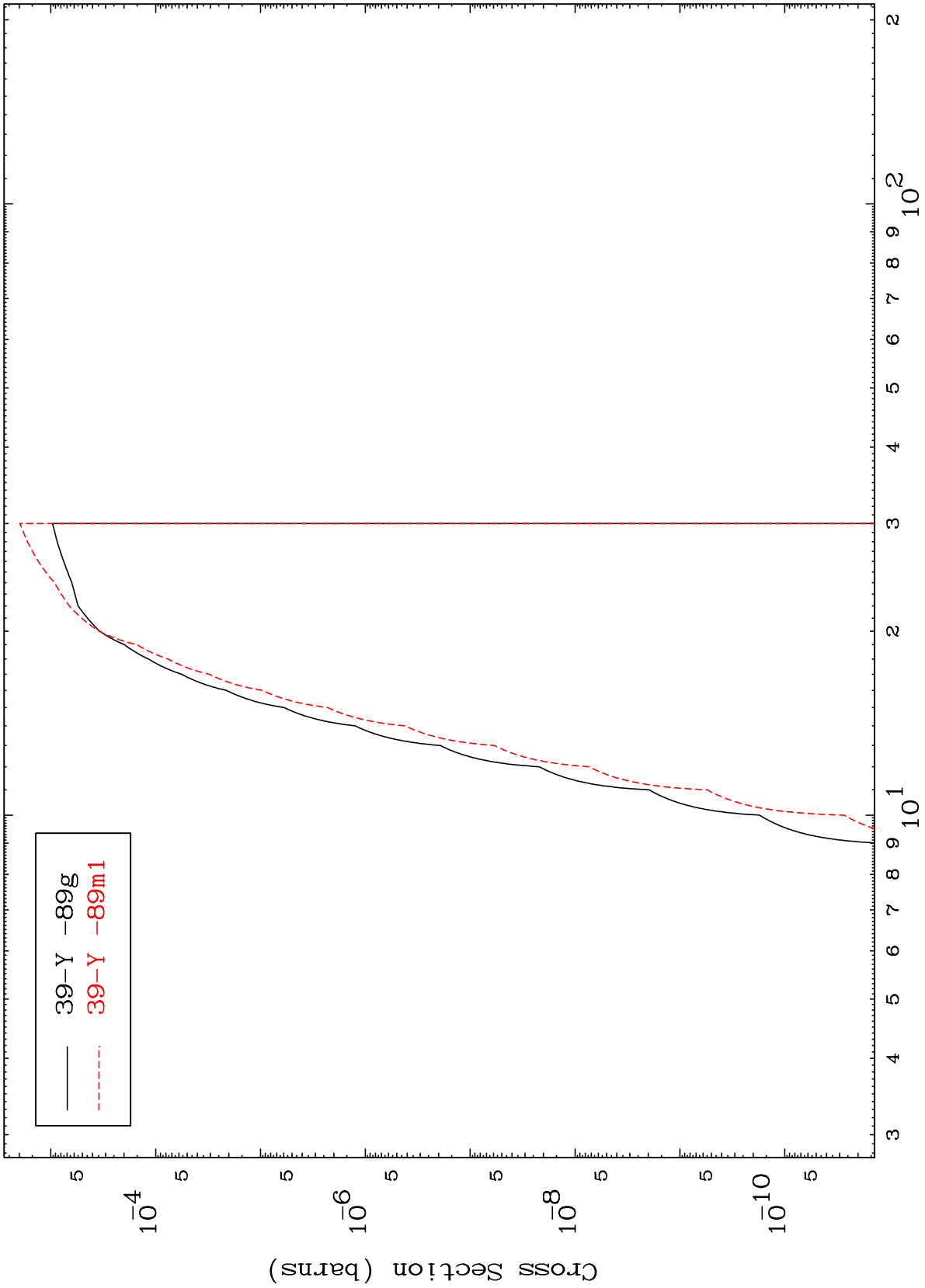


MAT 4025

(d, He-3)

40-Zr-90

Radionuclide Production Cross Section



23

Incident Energy (MeV)

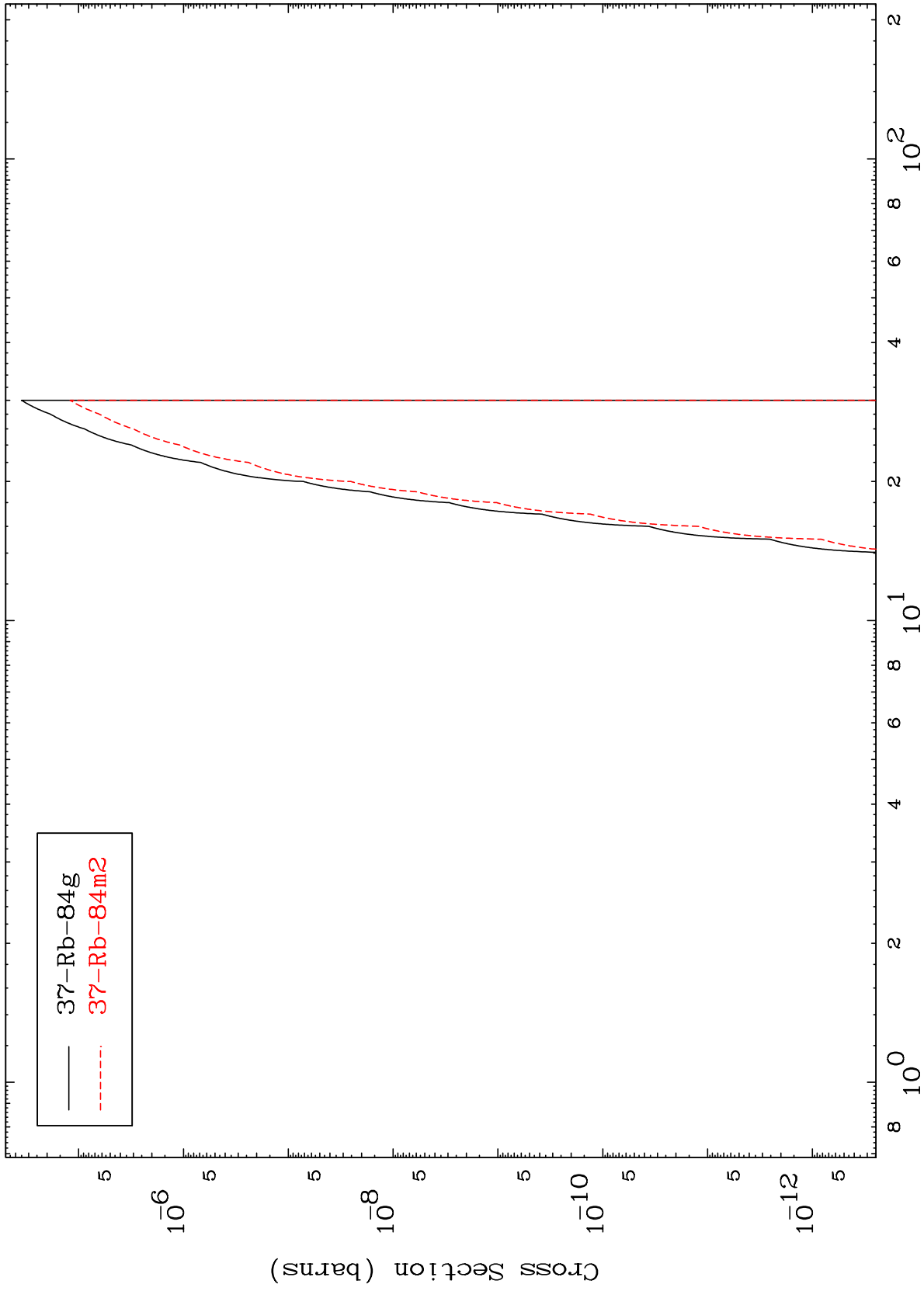
40-Zr-90

MAT 4025

(d,2 α)

40-Zr-90

Radionuclide Production Cross Section



— 37-Rb-84g
- - - 37-Rb-84m2

24

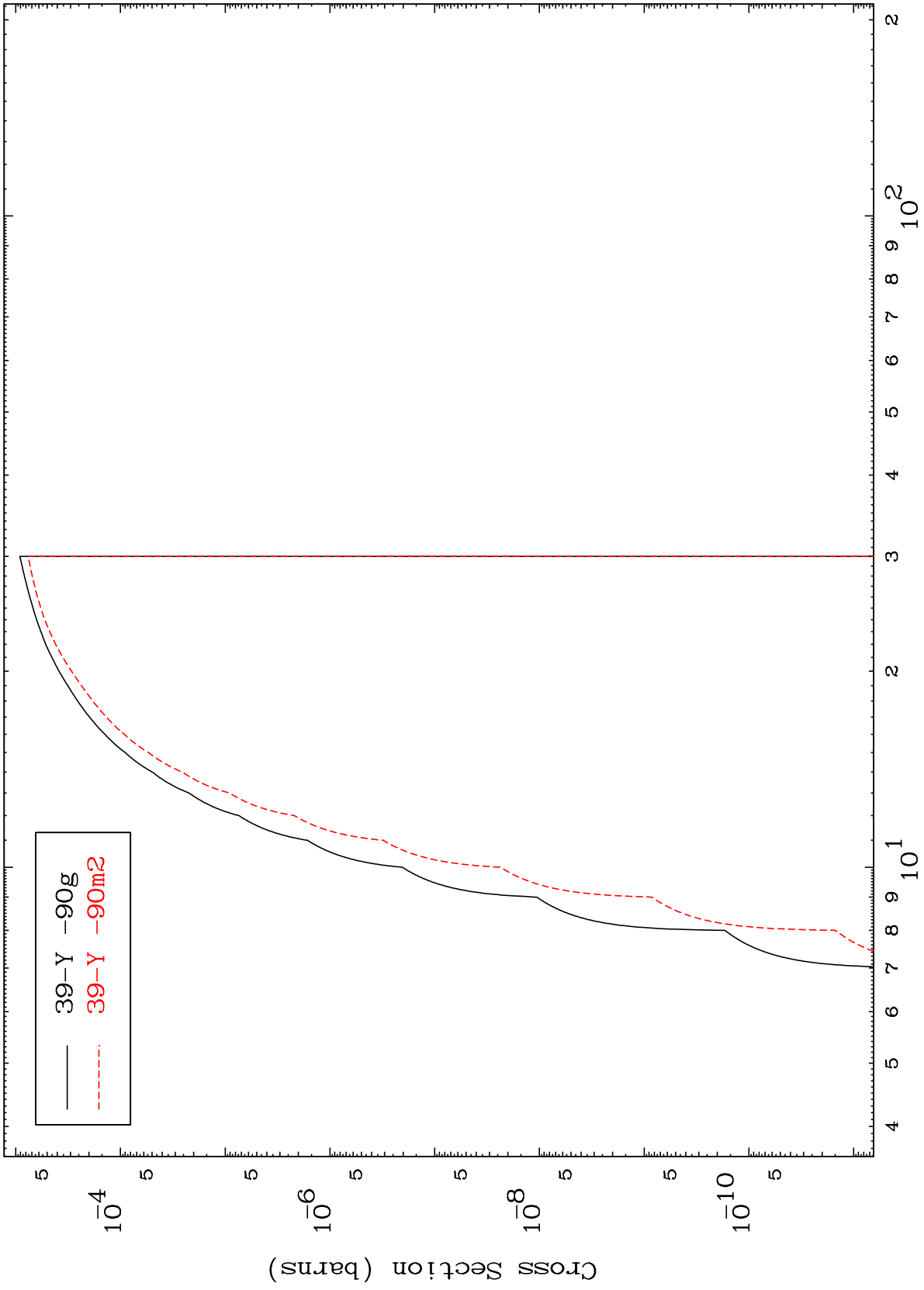
Incident Energy (MeV)

40-Zr-90

MAT 4025

Radionuclide Production Cross Section
(d,2p)

40-Zr-90



25

Incident Energy (MeV)

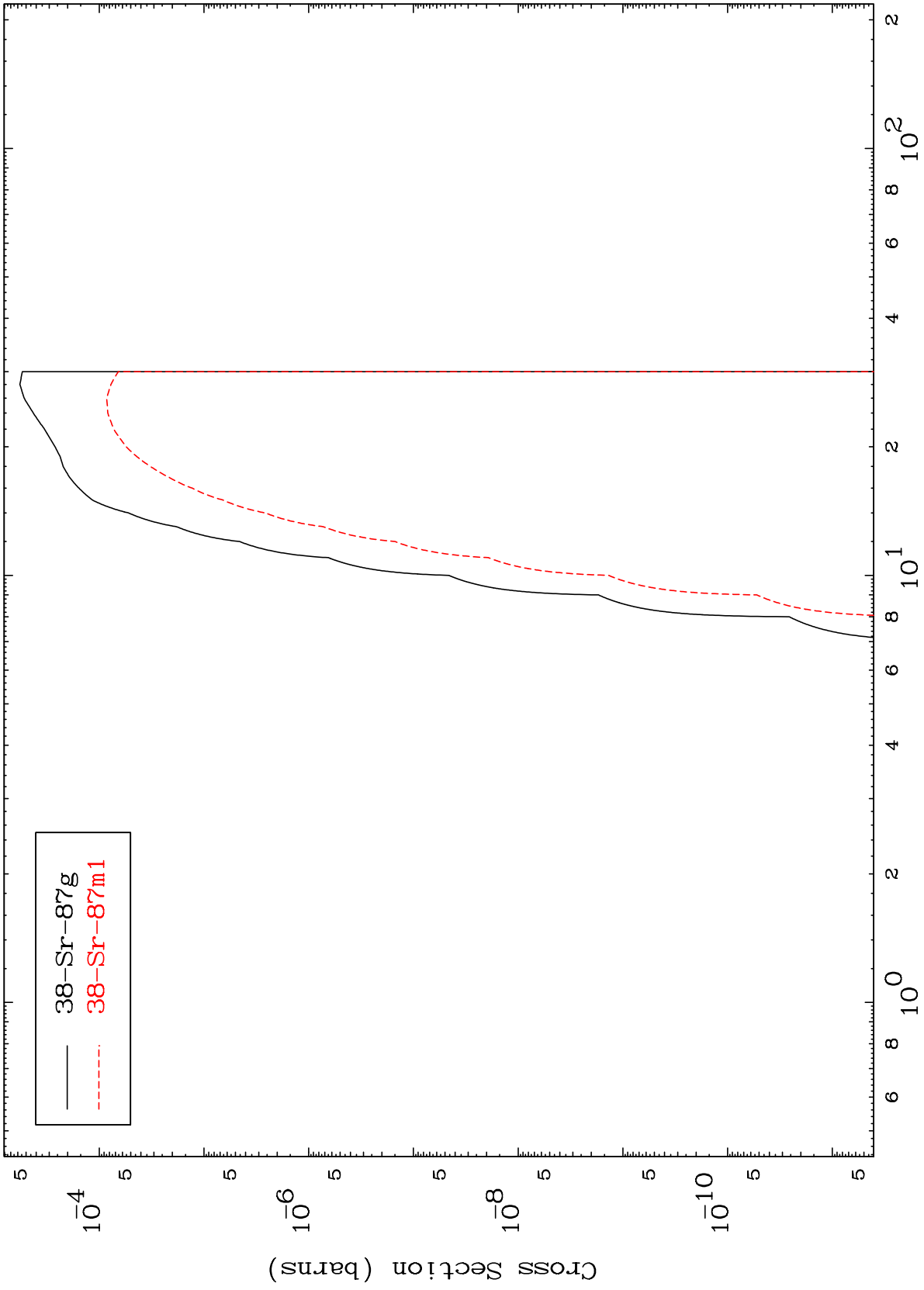
40-Zr-90

MAT 4025

(d,p) α

40-Zr-90

Radionuclide Production Cross Section



26

Incident Energy (MeV)

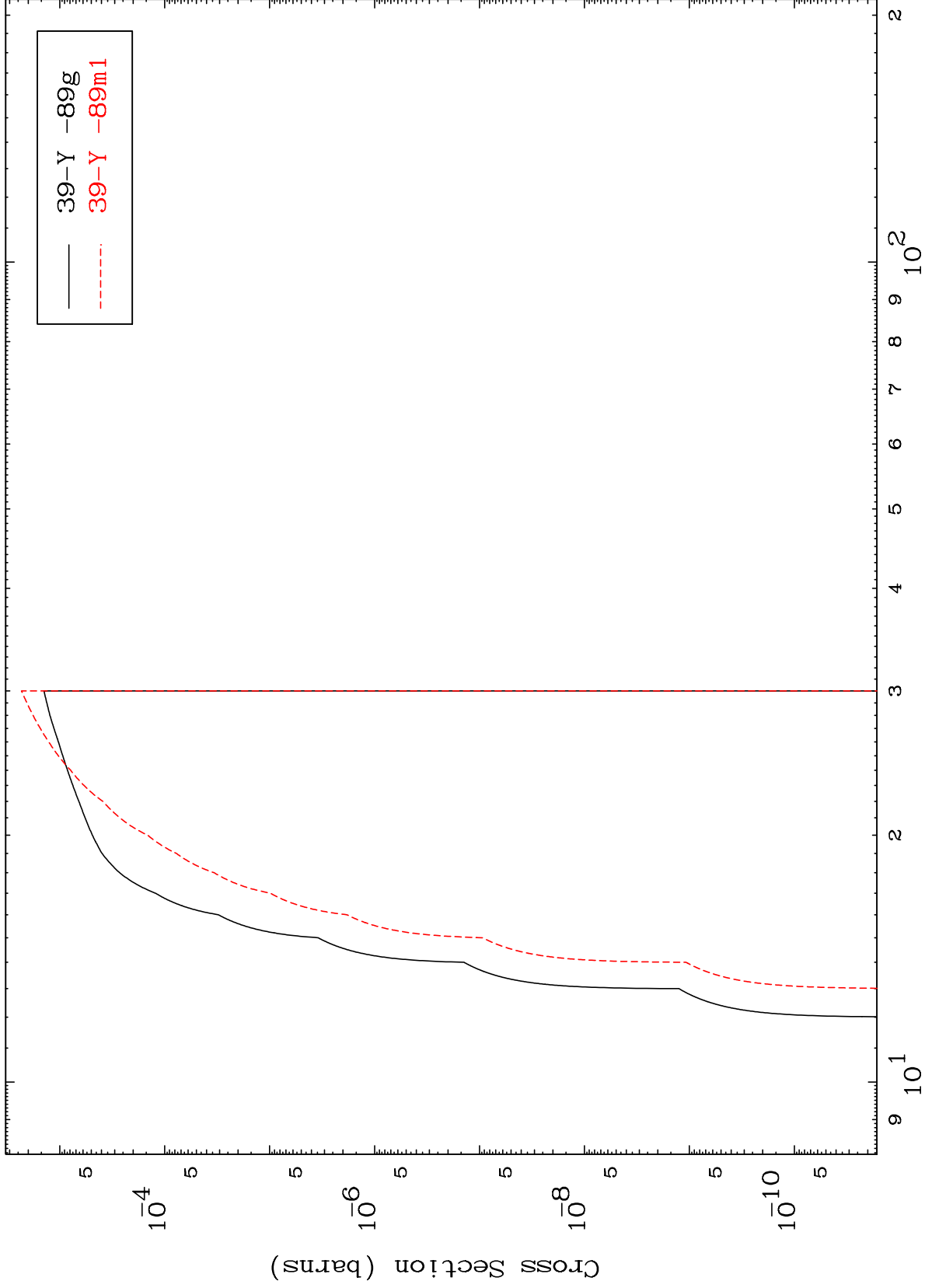
40-Zr-90

MAT 4025

(d,p) d

40-Zr-90

Radionuclide Production Cross Section



27

Incident Energy (MeV)

40-Zr-90