

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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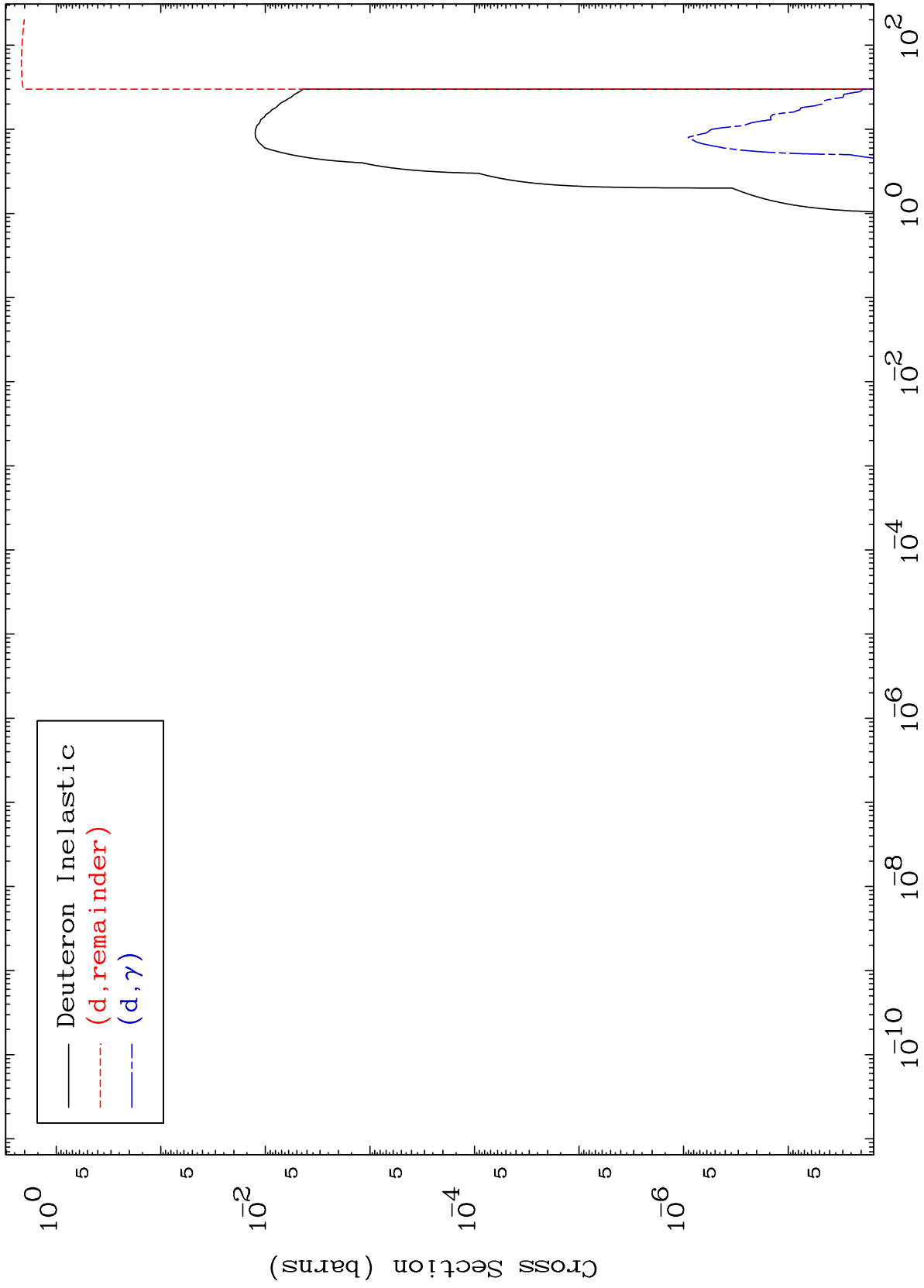
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4052

Deuteron Major
0 Kelvin Cross Sections

40-Zr-99



1

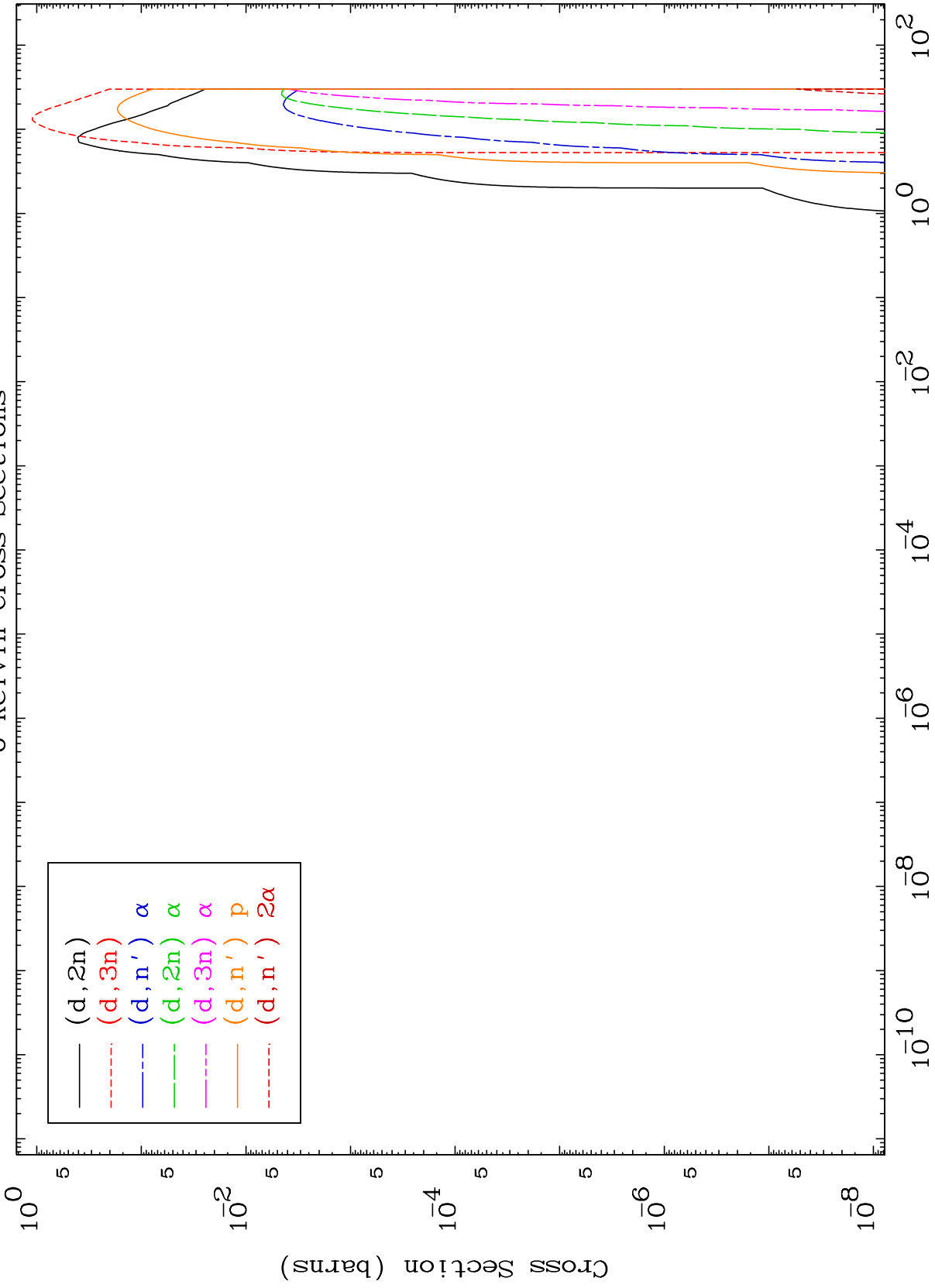
Incident Energy (MeV)

40-Zr-99

MAT 4052

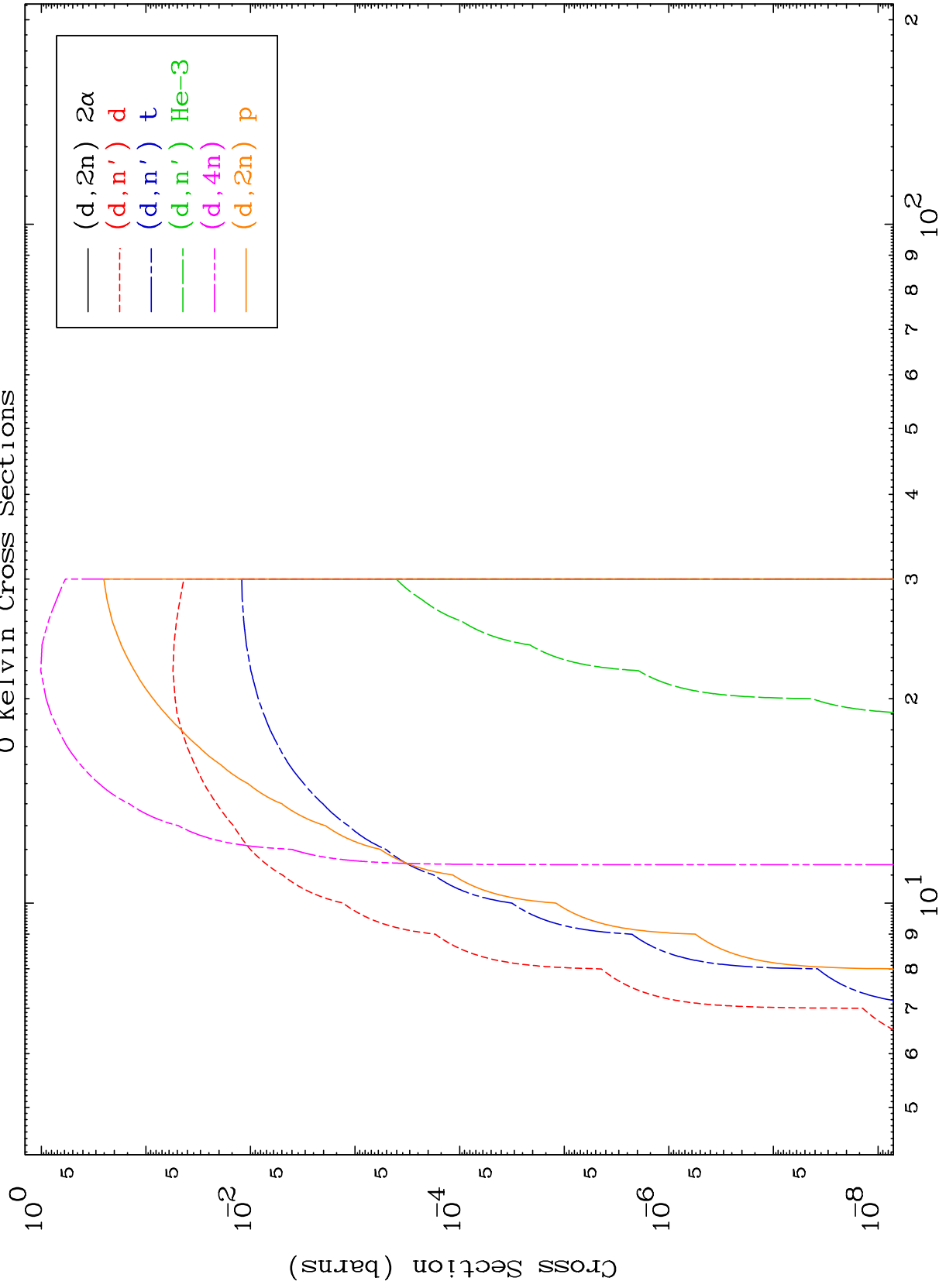
Deuteron Neutron Production
0 Kelvin Cross Sections

40-Zr-99



2

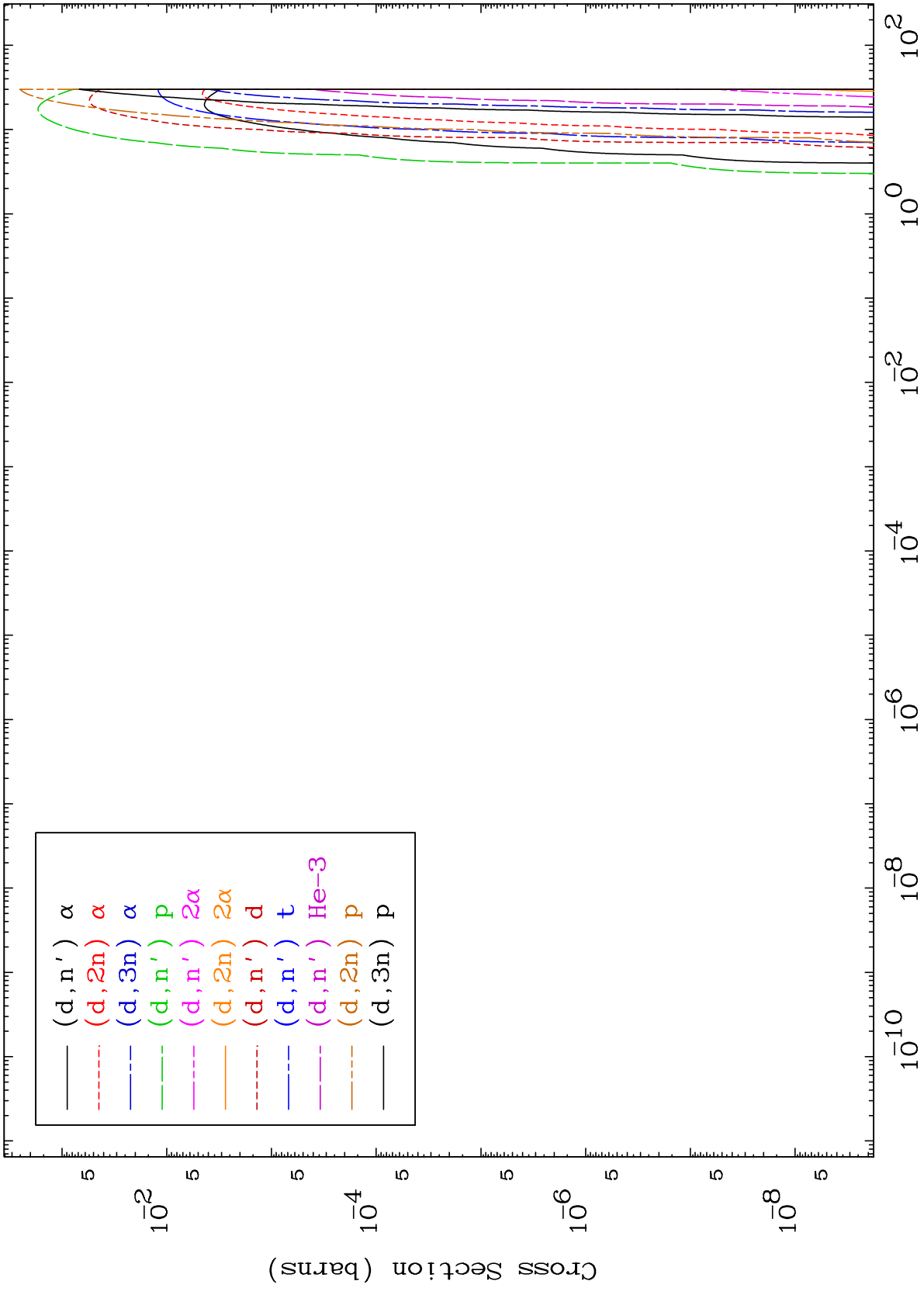
40-Zr-99



MAT 4052

Deuteron Charged Particle
0 Kelvin Cross Sections

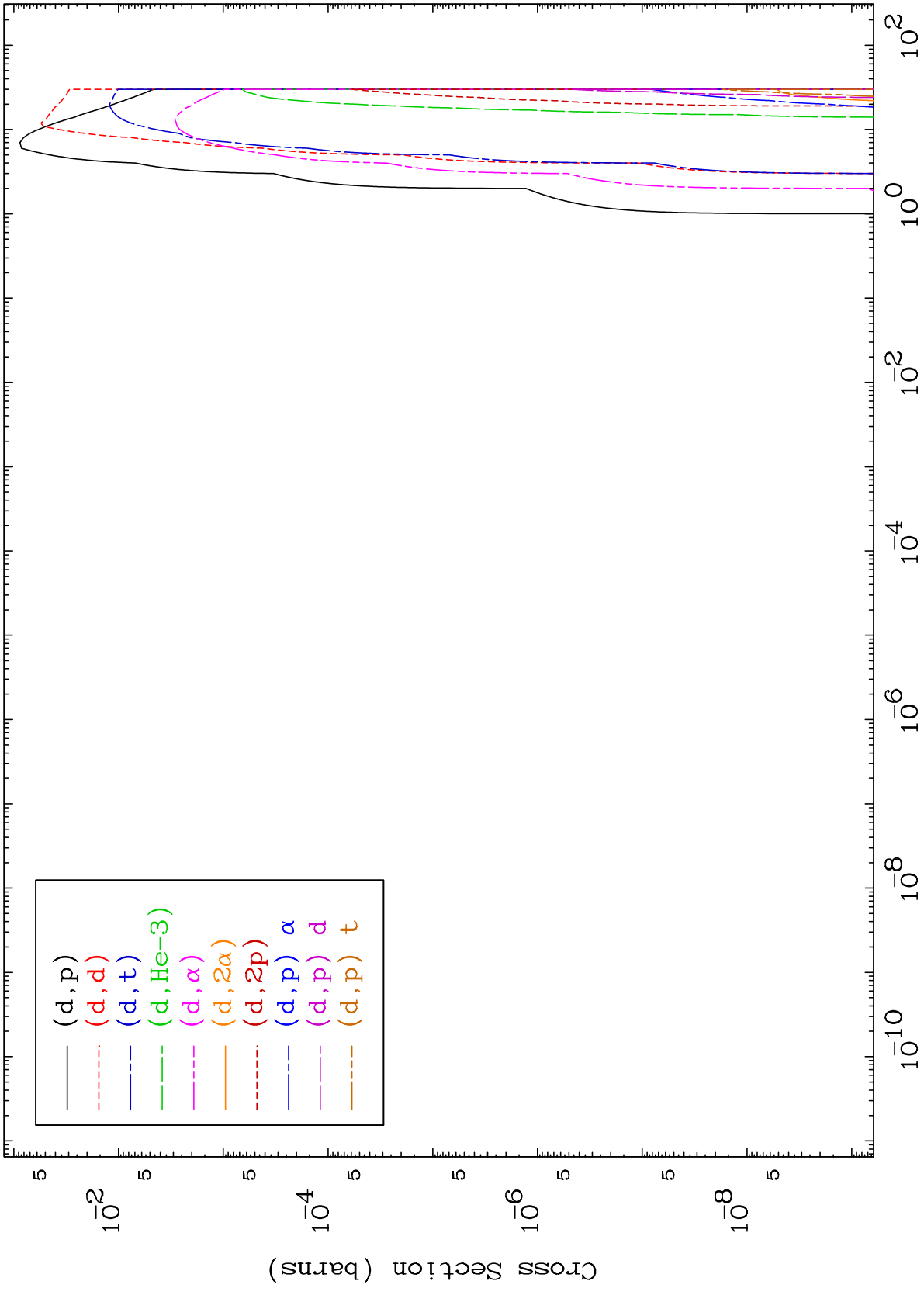
40-Zr-99



MAT 4052

Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-99



5

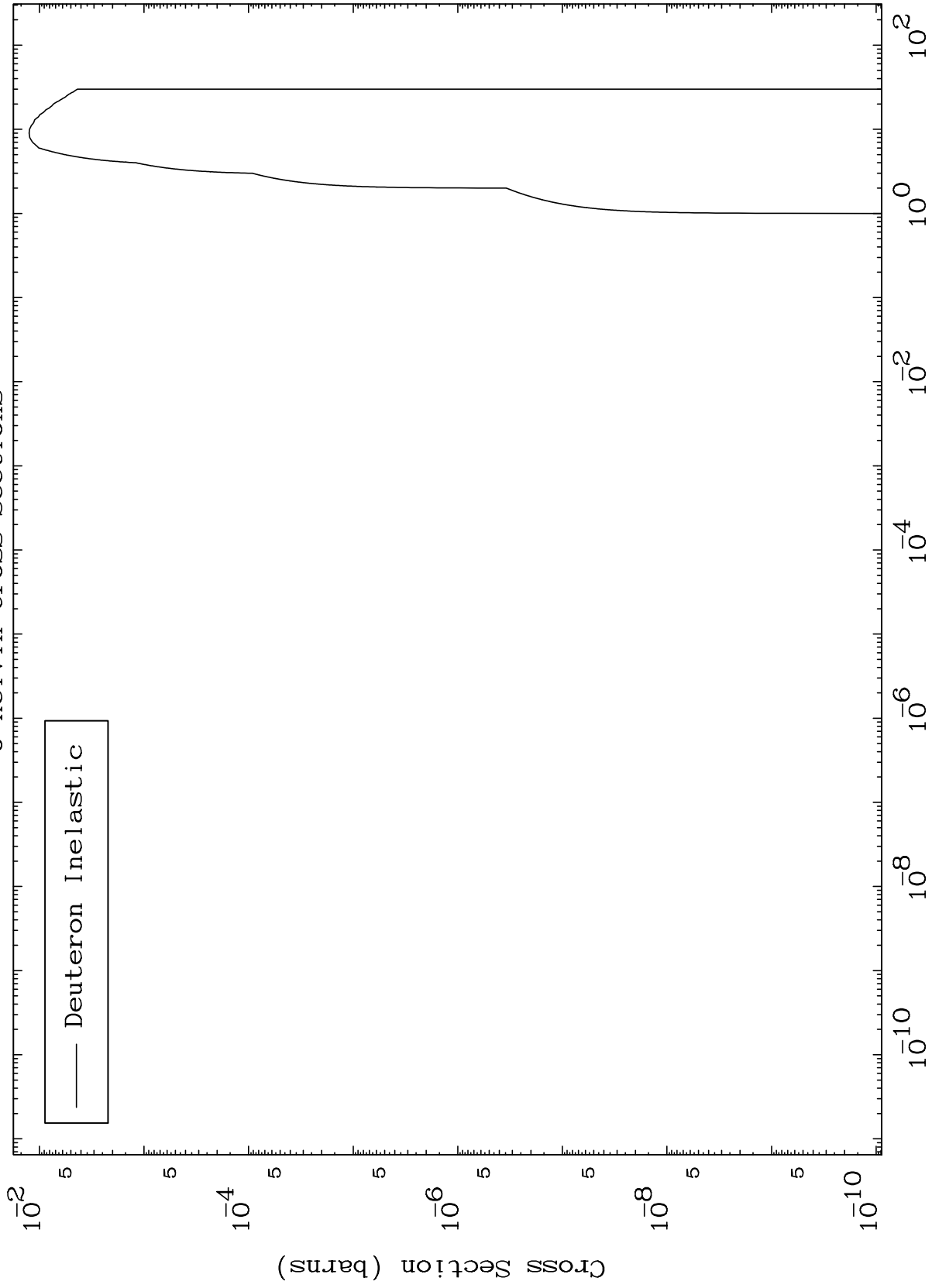
Incident Energy (MeV)

40-Zr-99

MAT 4052

(d,n') Level
0 Kelvin Cross Sections

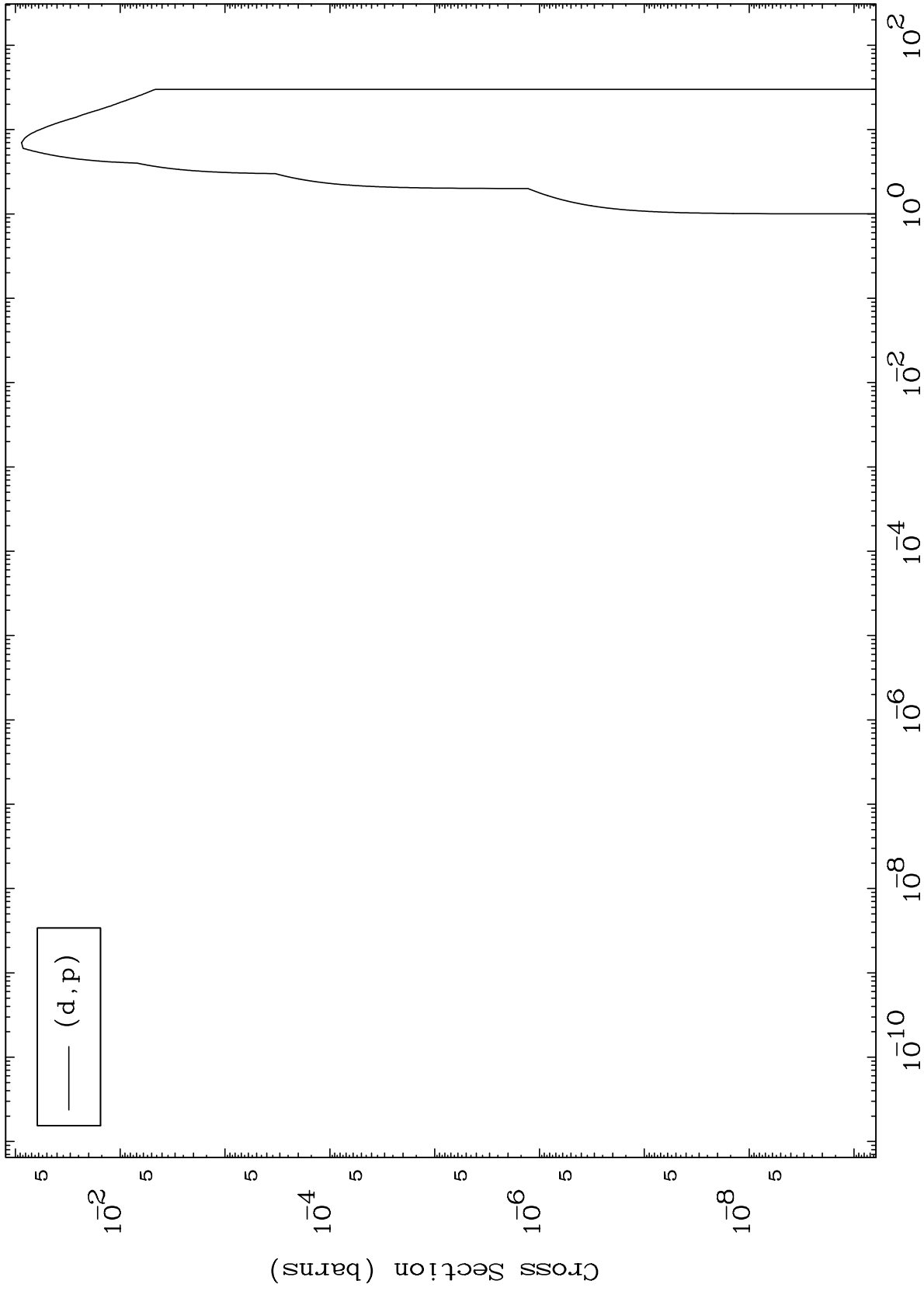
40-Zr-99



MAT 4052

(d,p) Levels
0 Kelvin Cross Sections

40-Zr-99



7

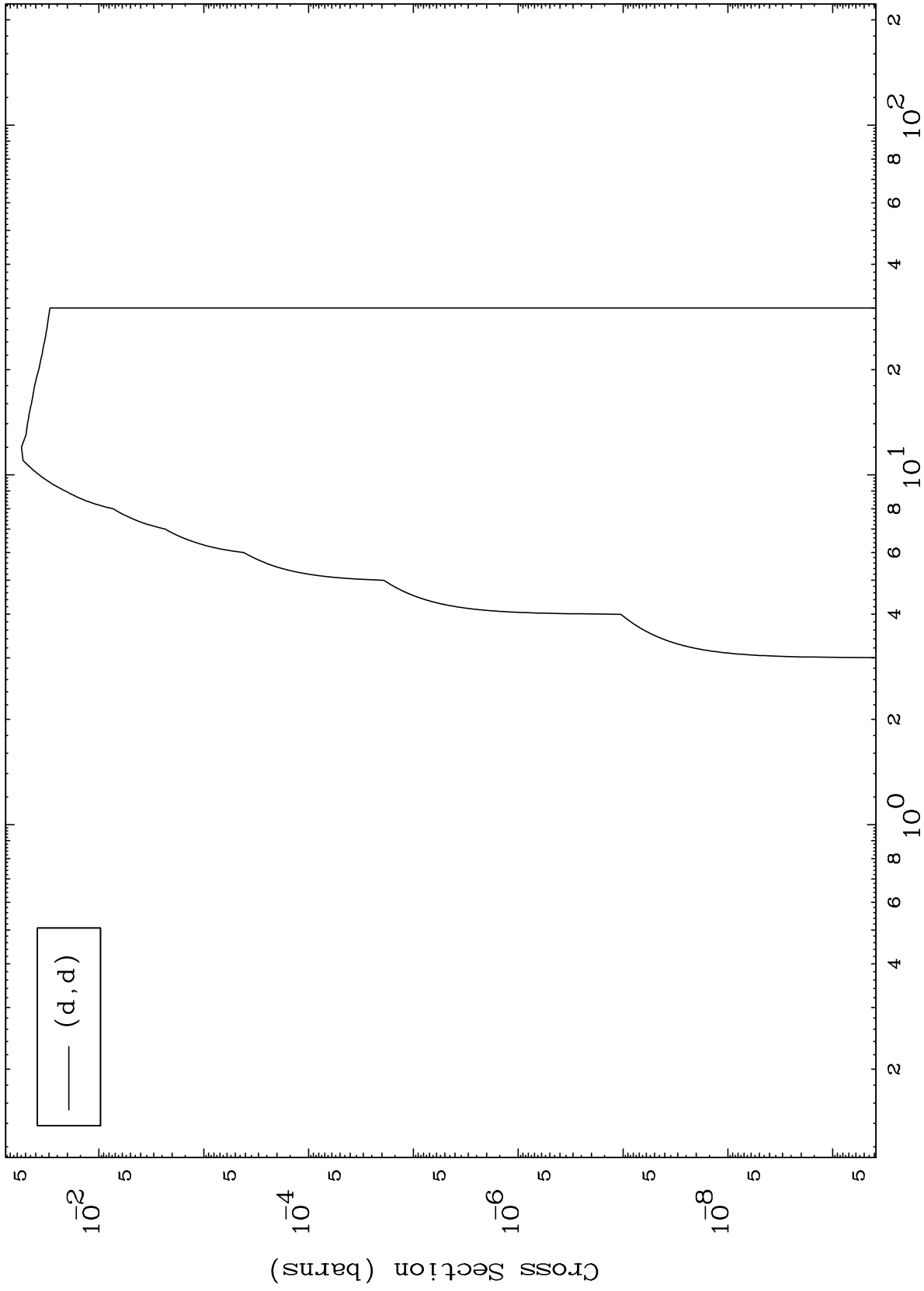
Incident Energy (MeV)

40-Zr-99

MAT 4052

(d,d) Levels
0 Kelvin Cross Sections

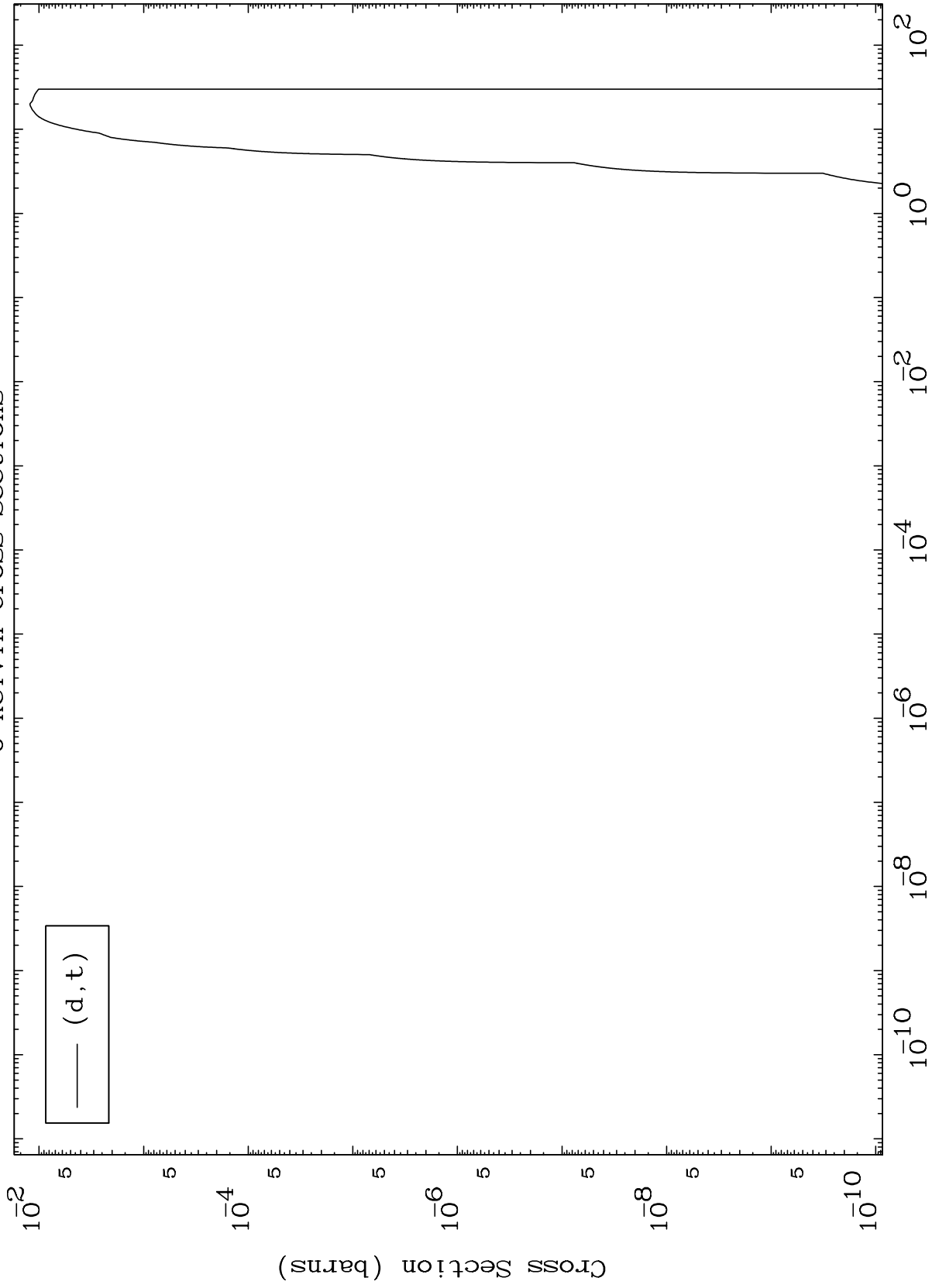
40-Zr-99



MAT 4052

(d,t) Levels
0 Kelvin Cross Sections

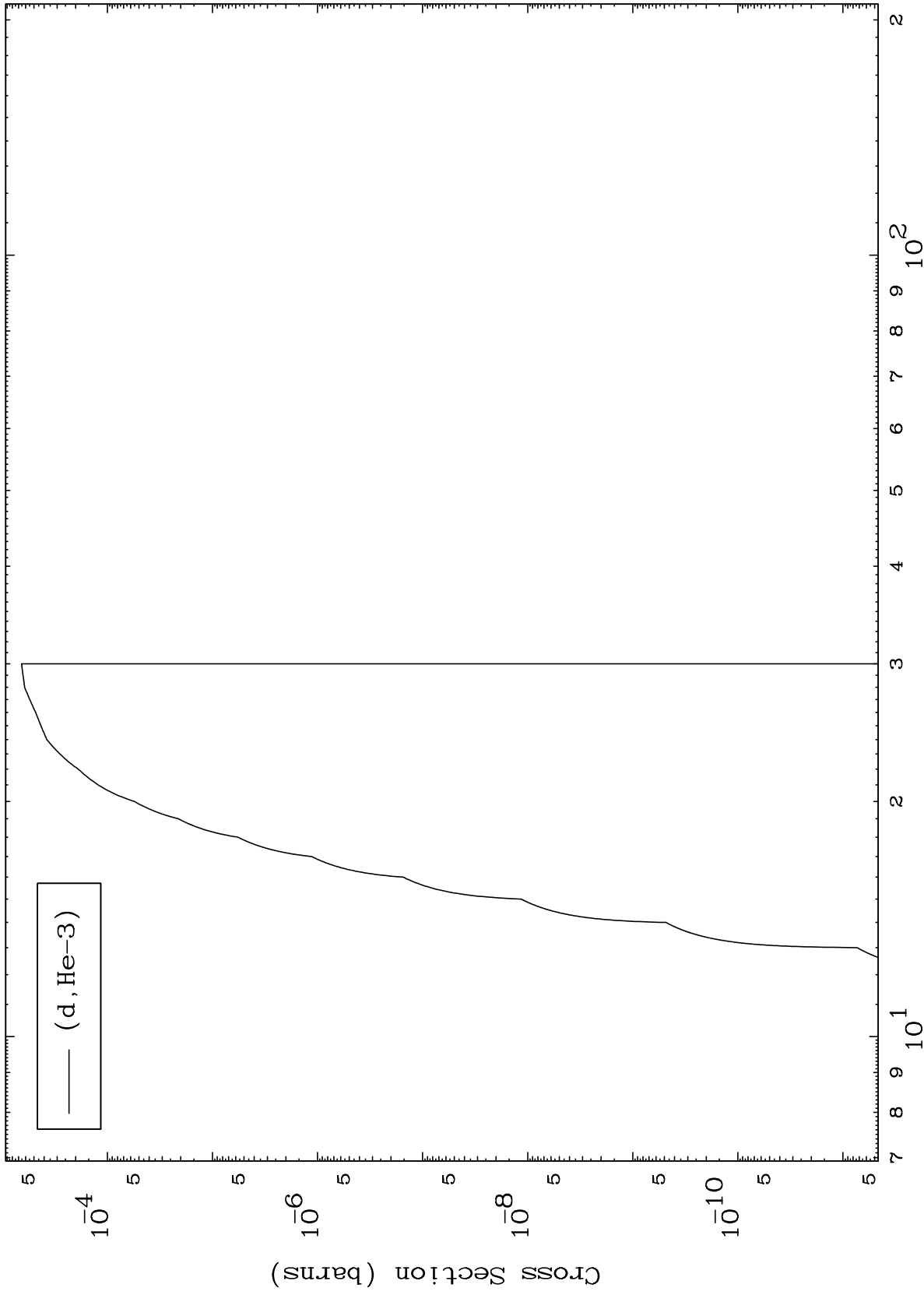
40-Zr-99



MAT 4052

(d,He3) Levels
0 Kelvin Cross Sections

40-Zr-99



10

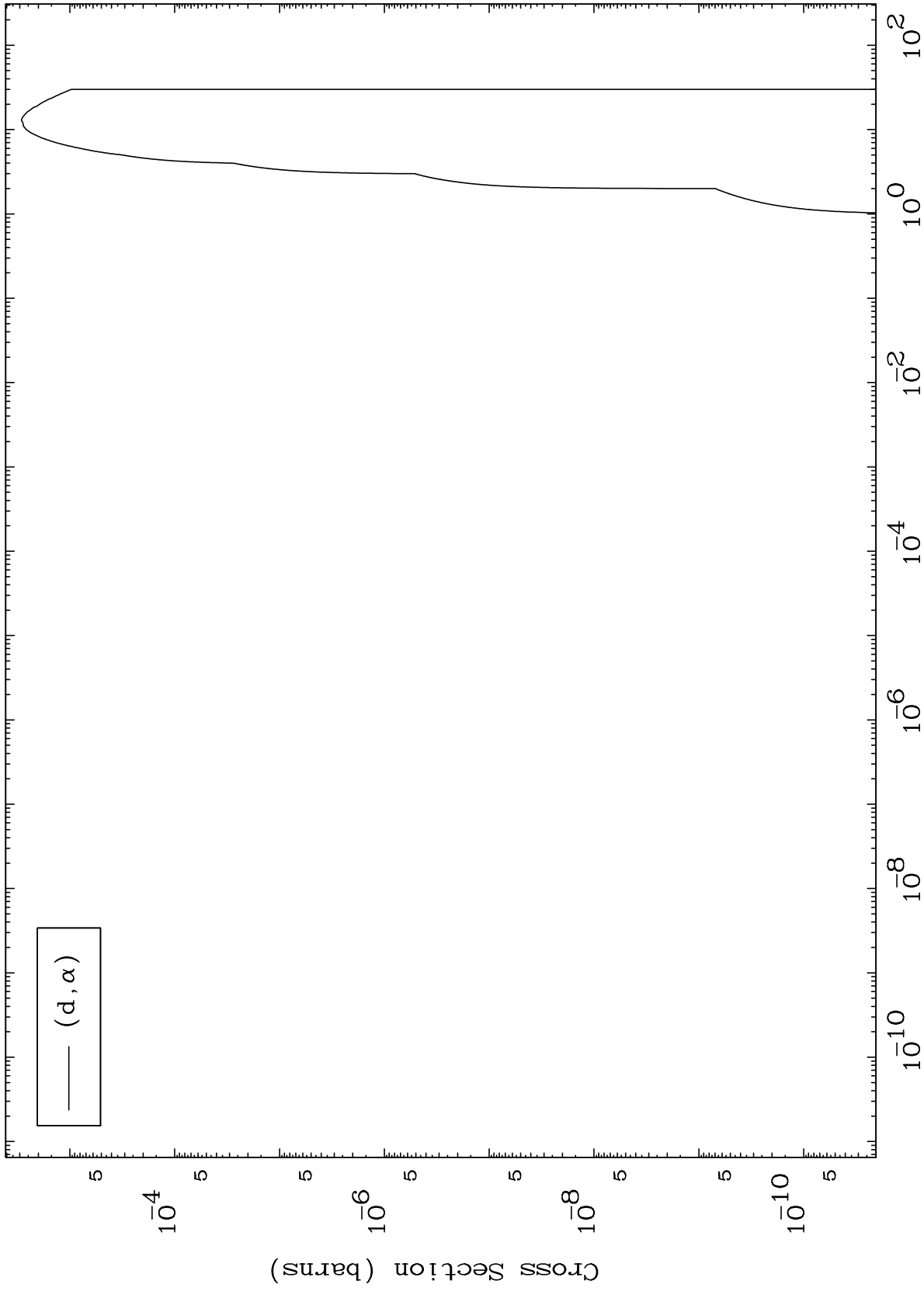
Incident Energy (MeV)

40-Zr-99

MAT 4052

(d, α) Levels
0 Kelvin Cross Sections

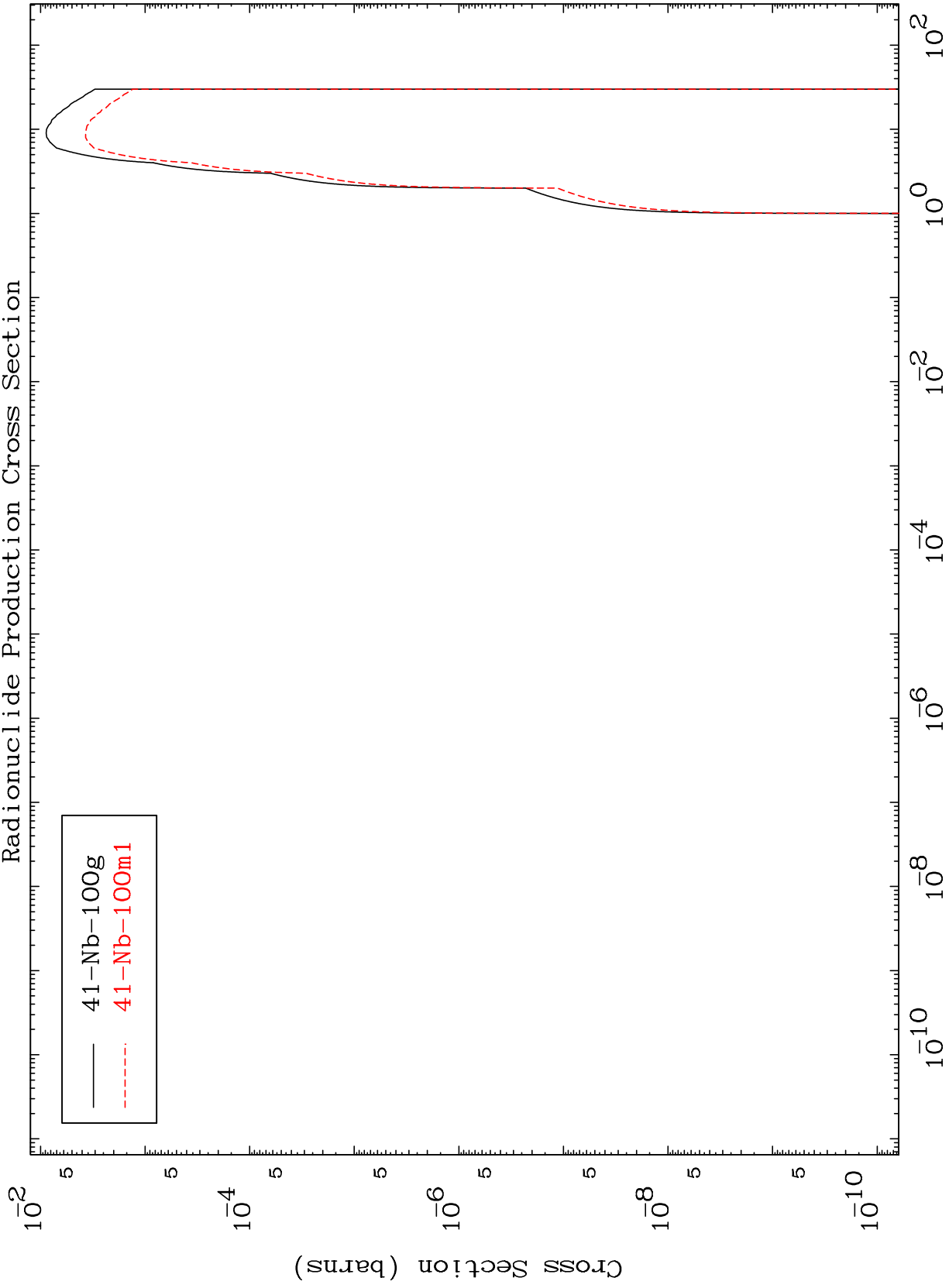
40-Zr-99



MAT 4052

Deuteron Inelastic
Radionuclide Production Cross Section

40-Zr-99



12

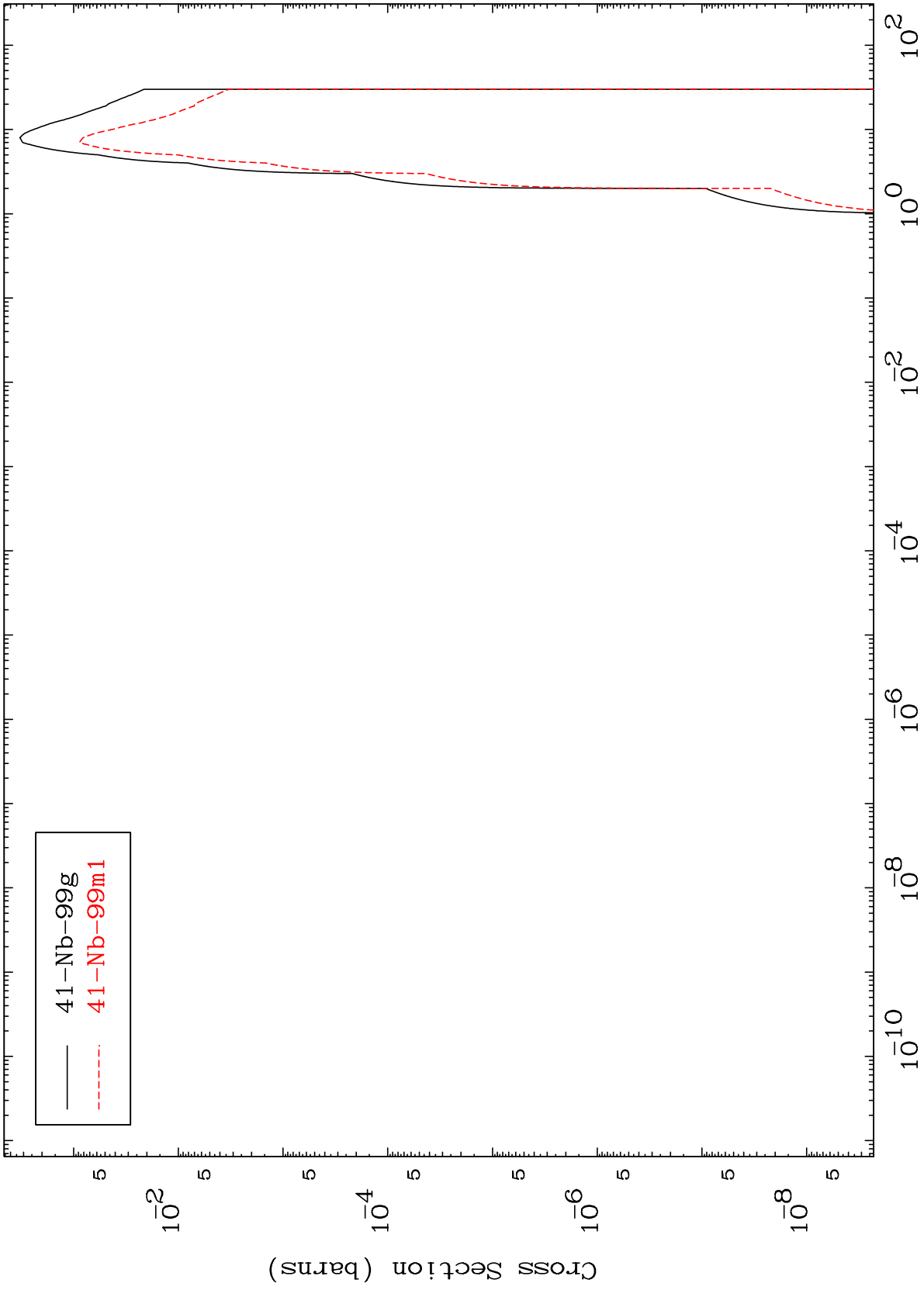
Incident Energy (MeV)

40-Zr-99

MAT 4052

Radionuclide Production Cross Section
(d,2n)

40-Zr-99

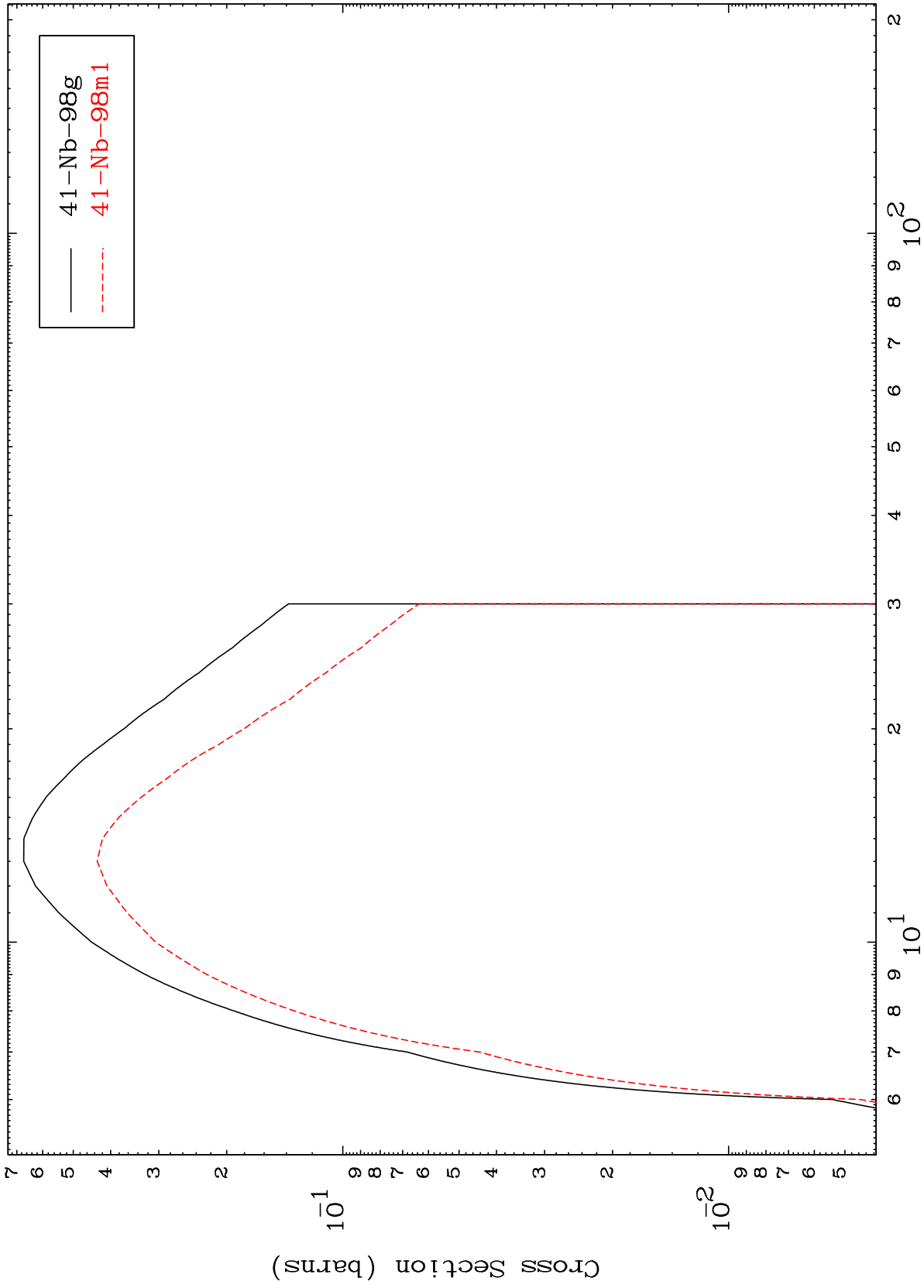


40-Zr-99

MAT 4052

40-Zr-99

(d,3n)
Radionuclide Production Cross Section



14

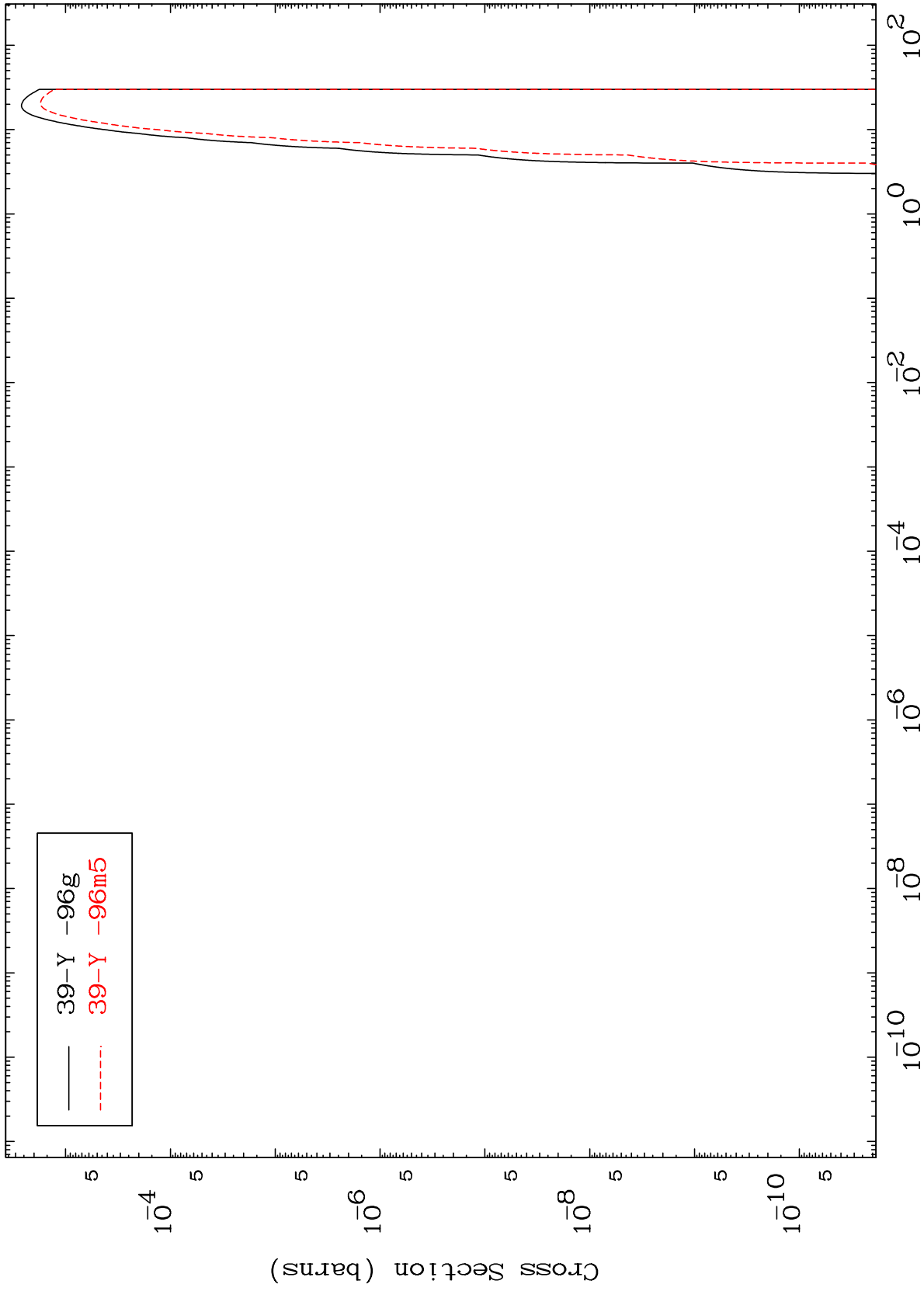
40-Zr-99

MAT 4052

(d,n') α

40-Zr-99

Radionuclide Production Cross Section



15

Incident Energy (MeV)

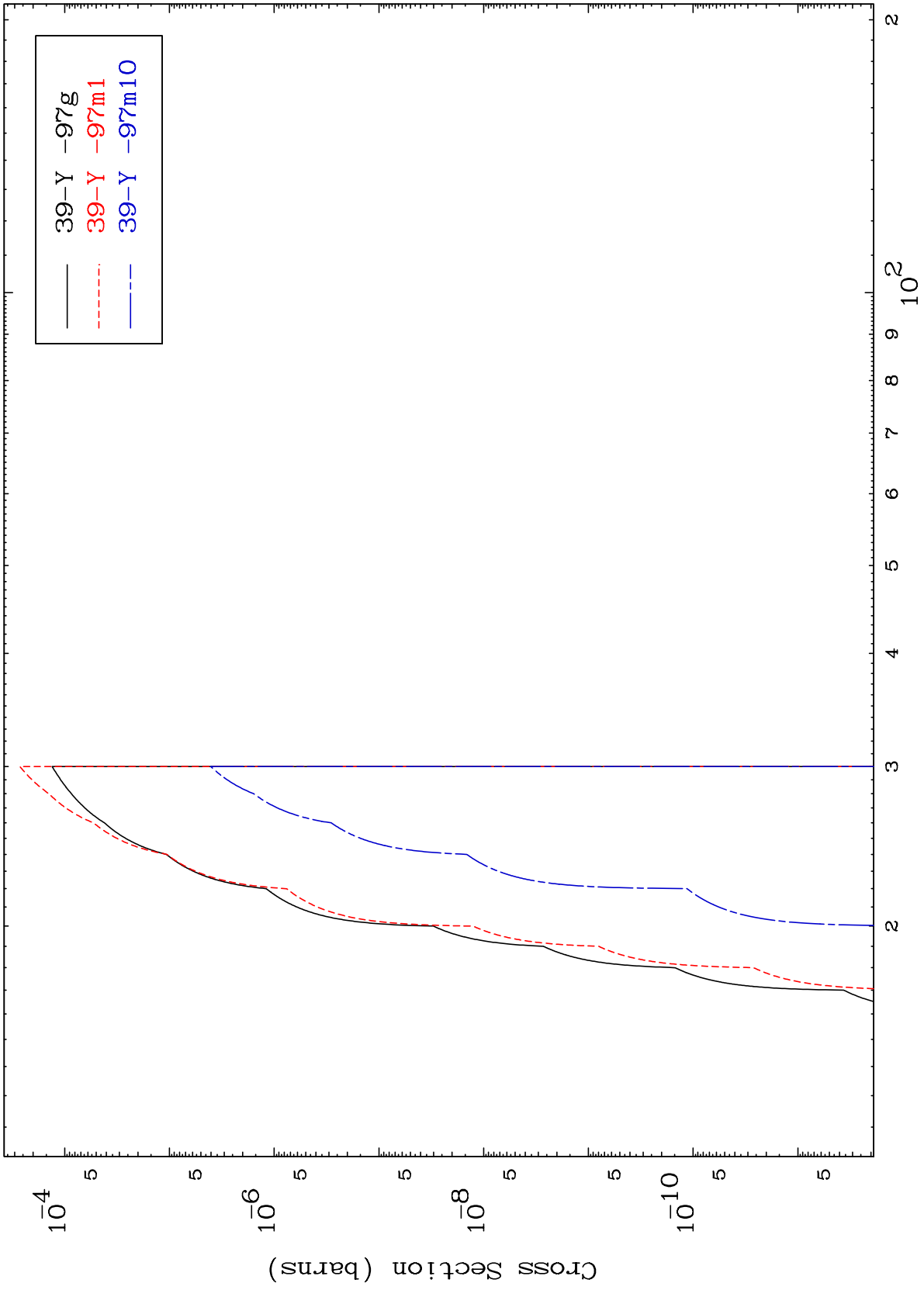
40-Zr-99

MAT 4052

(d, n') He-3

40-Zr-99

Radionuclide Production Cross Section



16

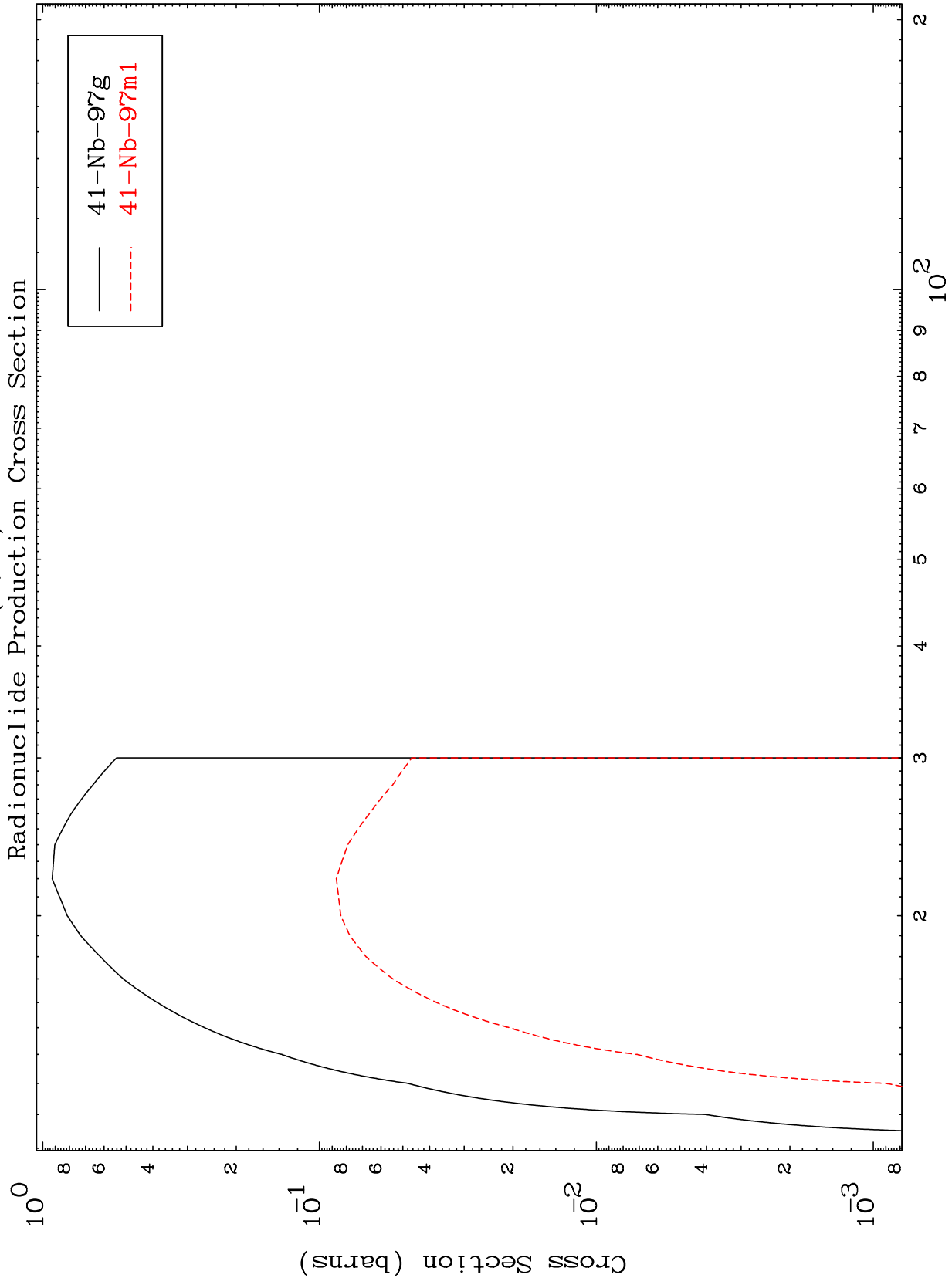
Incident Energy (MeV)

40-Zr-99

MAT 4052

(d,4n)

40-Zr-99



17

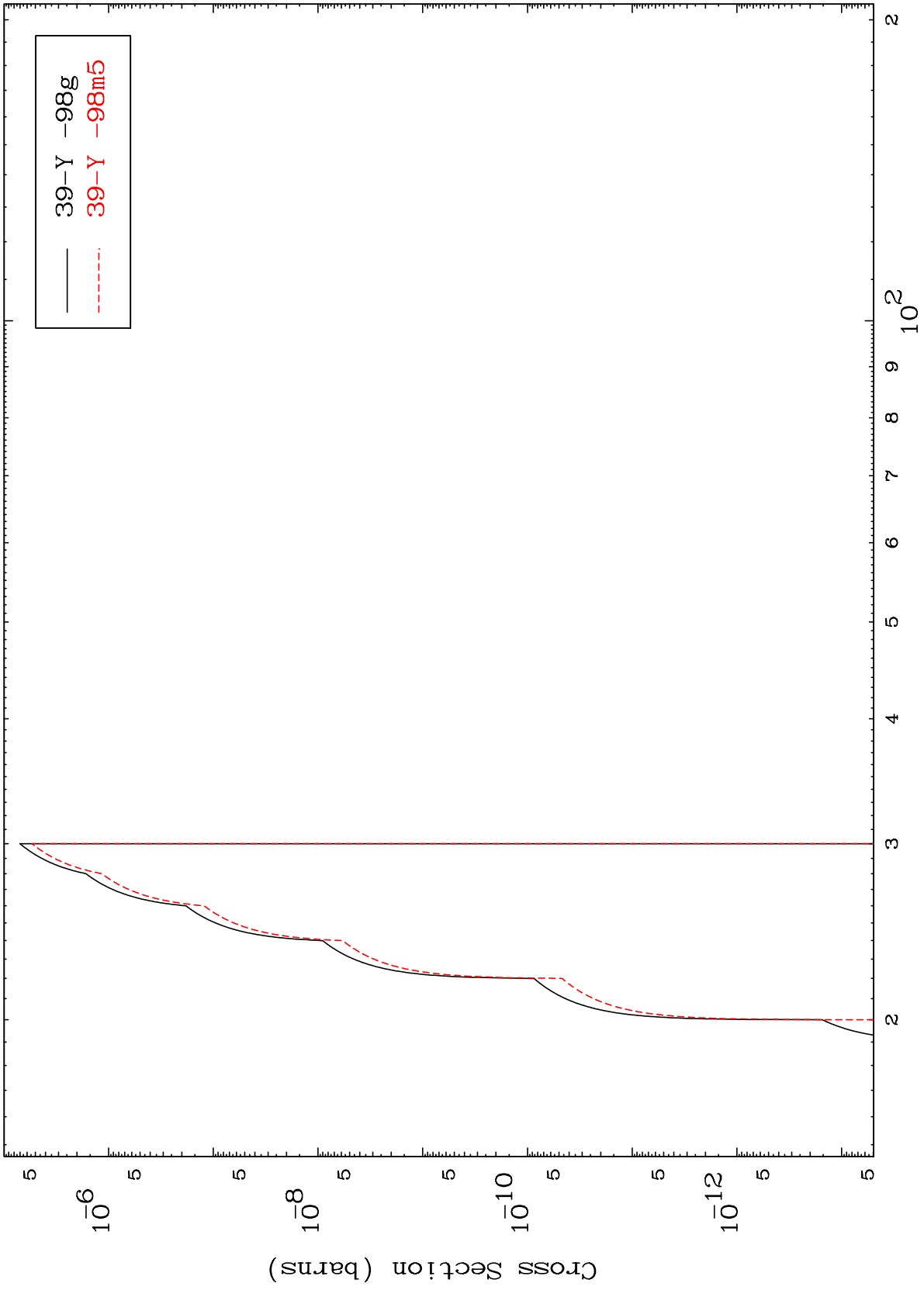
40-Zr-99

MAT 4052

(d,2n) p

40-Zr-99

Radionuclide Production Cross Section



18

Incident Energy (MeV)

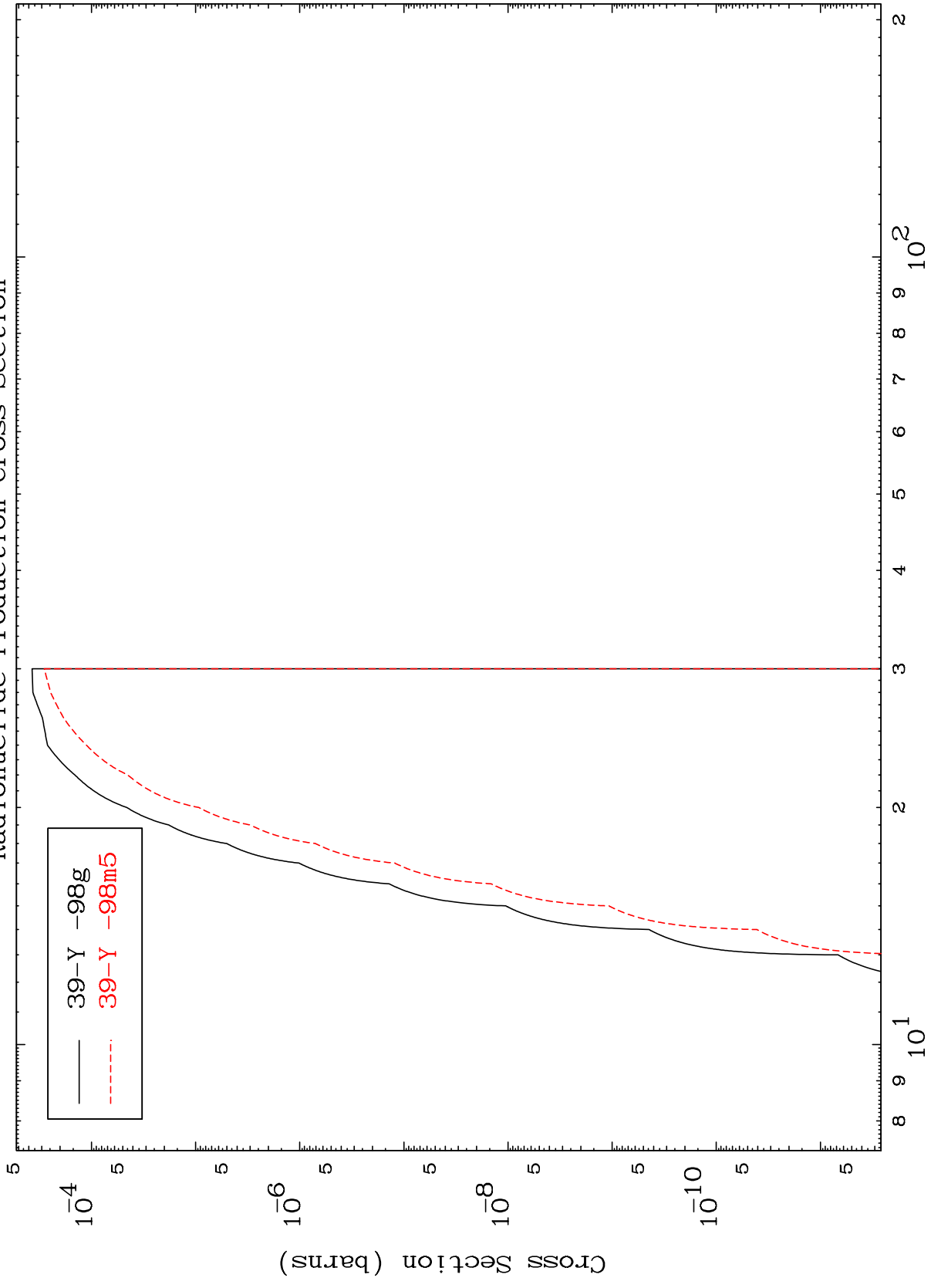
40-Zr-99

MAT 4052

(d,He-3)

40-Zr-99

Radionuclide Production Cross Section



Legend:
— 39-Y -98g
- - - 39-Y -98m5

19

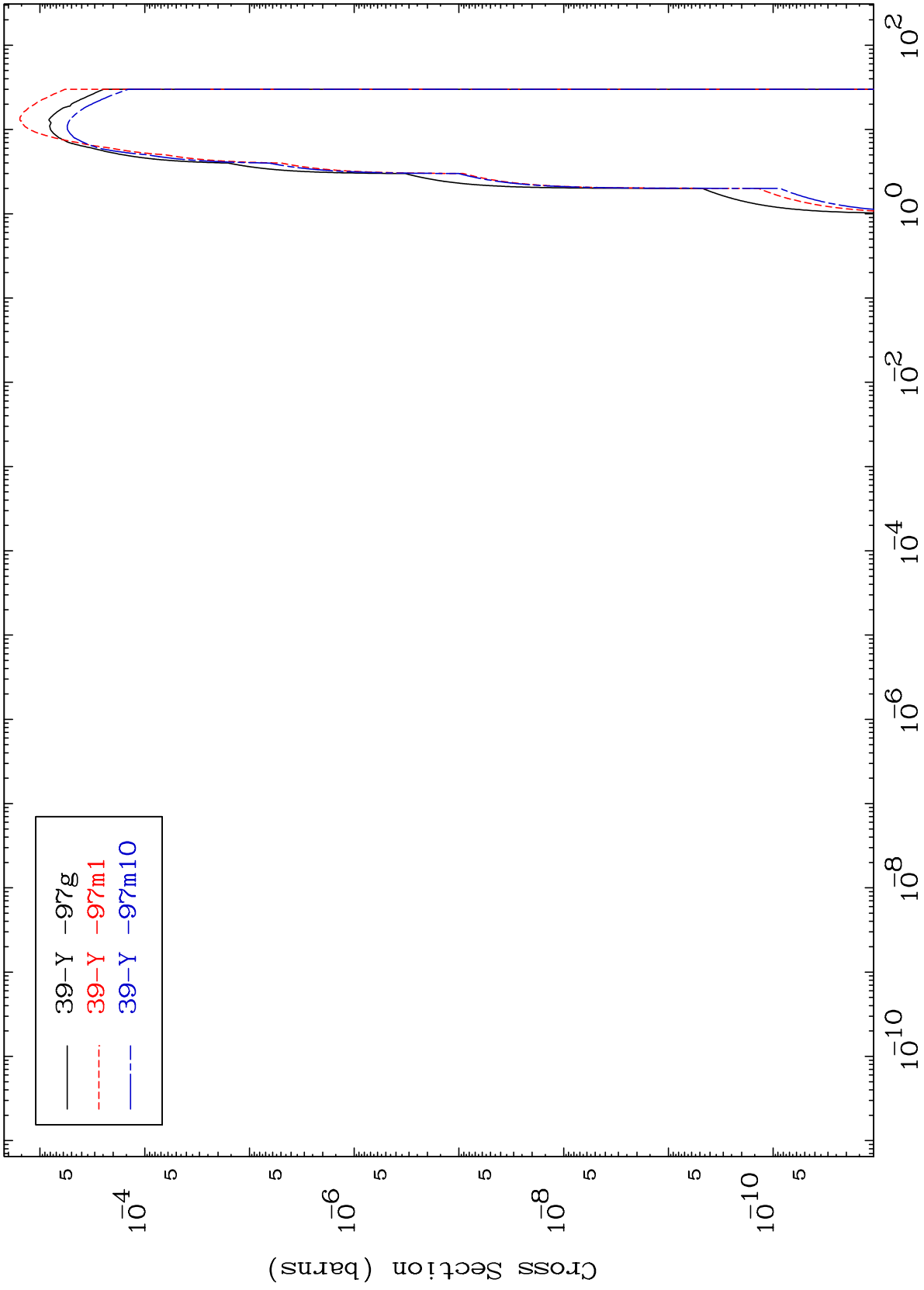
Incident Energy (MeV)

40-Zr-99

MAT 4052

(d, α)
Radionuclide Production Cross Section

40-Zr-99



20

Incident Energy (MeV)

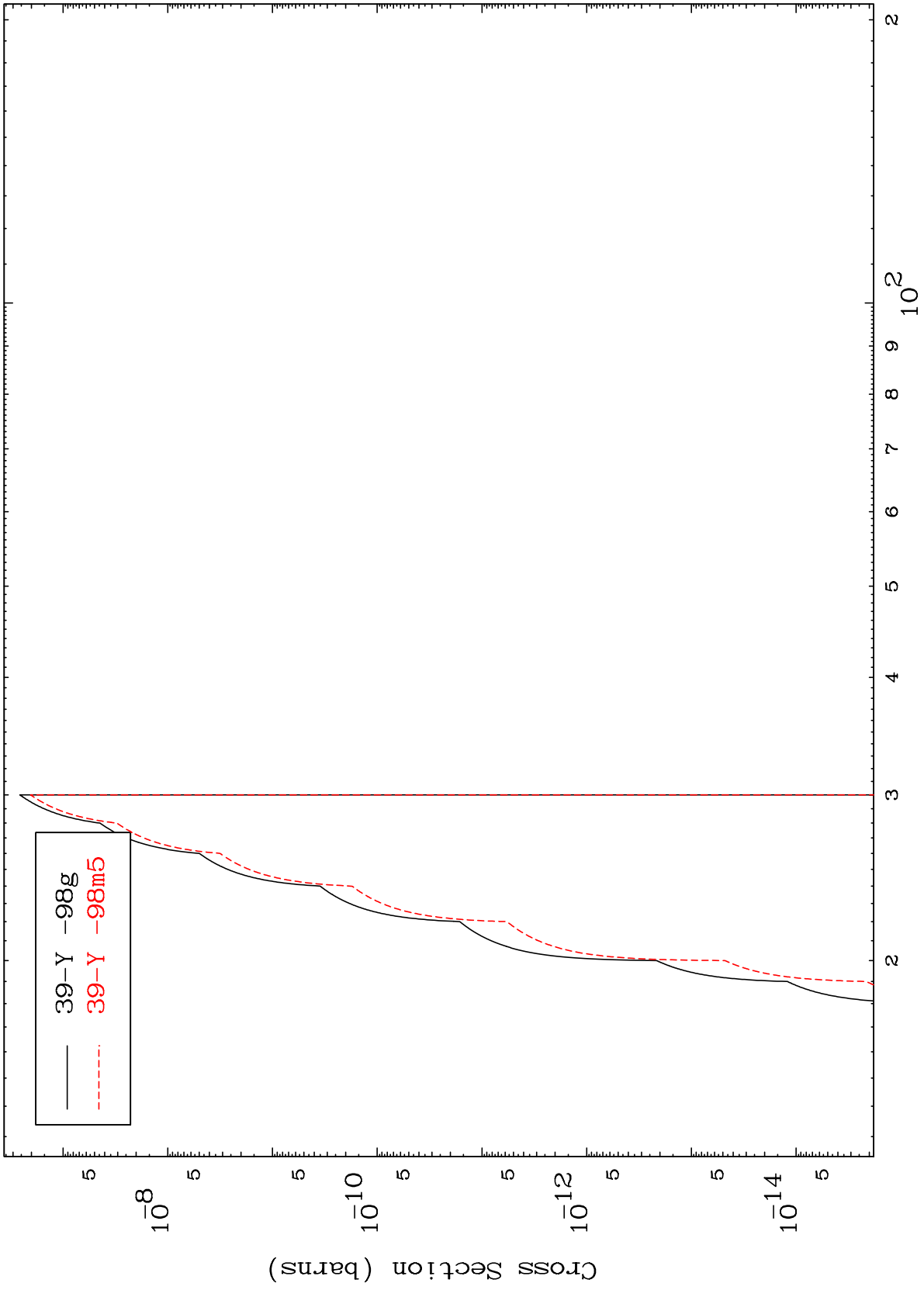
40-Zr-99

MAT 4052

(d,p) d

40-Zr-99

Radionuclide Production Cross Section



21

Incident Energy (MeV)

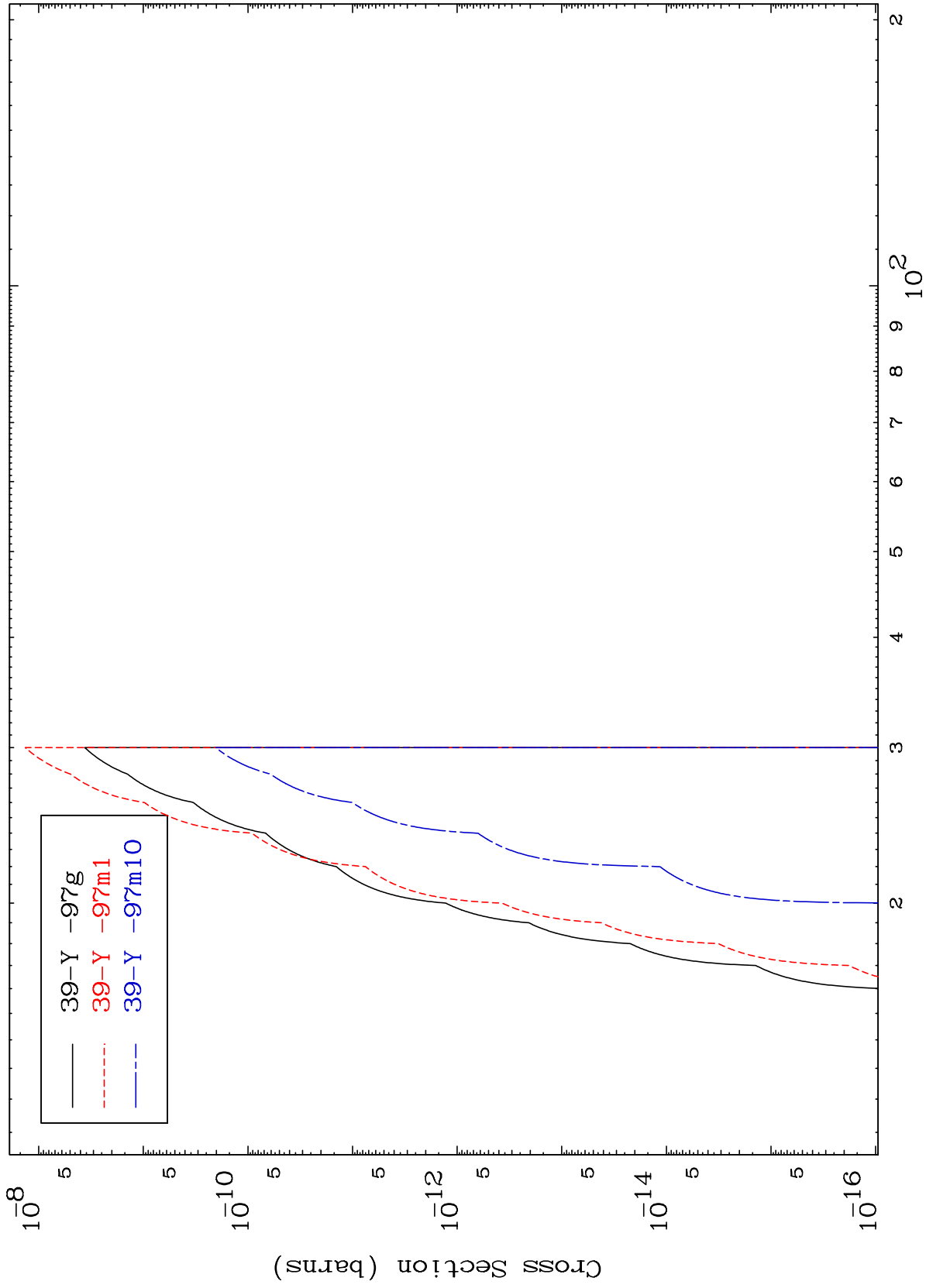
40-Zr-99

MAT 4052

(d,p) t

40-Zr-99

Radionuclide Production Cross Section



22

Incident Energy (MeV)

40-Zr-99