

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

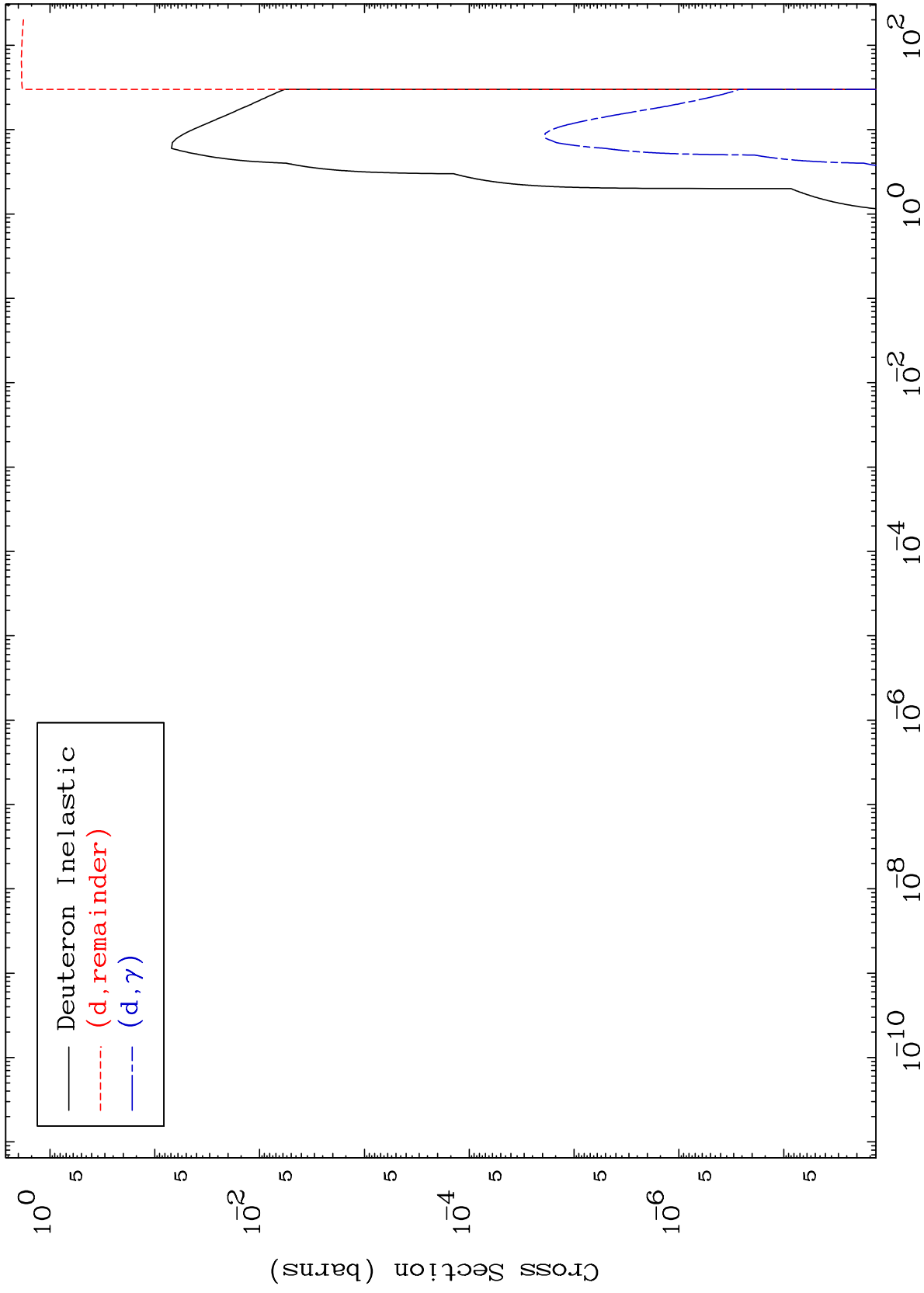
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4011

Deuteron Major
0 Kelvin Cross Sections

40-Zr-85



1

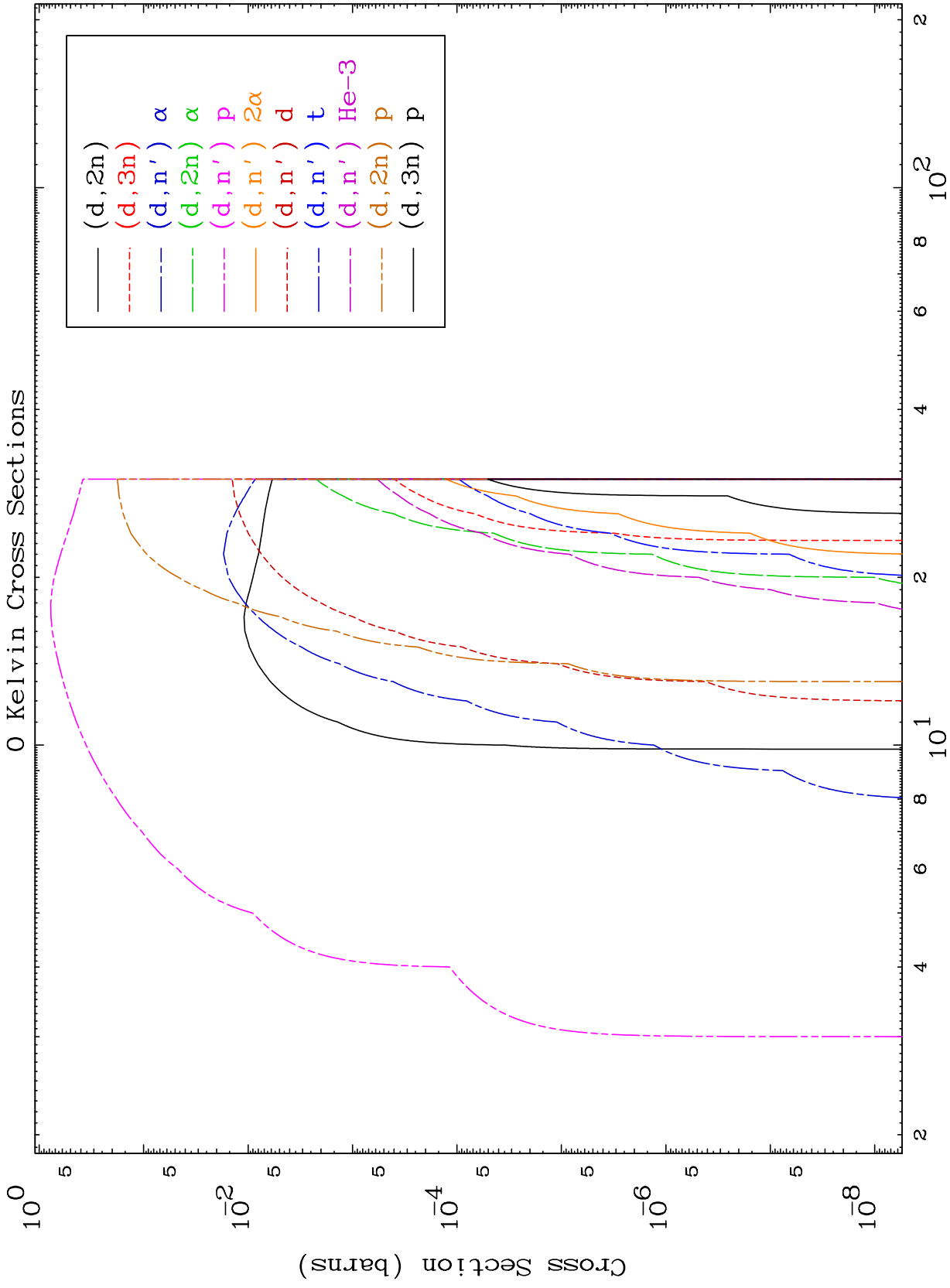
Incident Energy (MeV)

40-Zr-85

MAT 4011

Deuteron Neutron Production
0 Kelvin Cross Sections

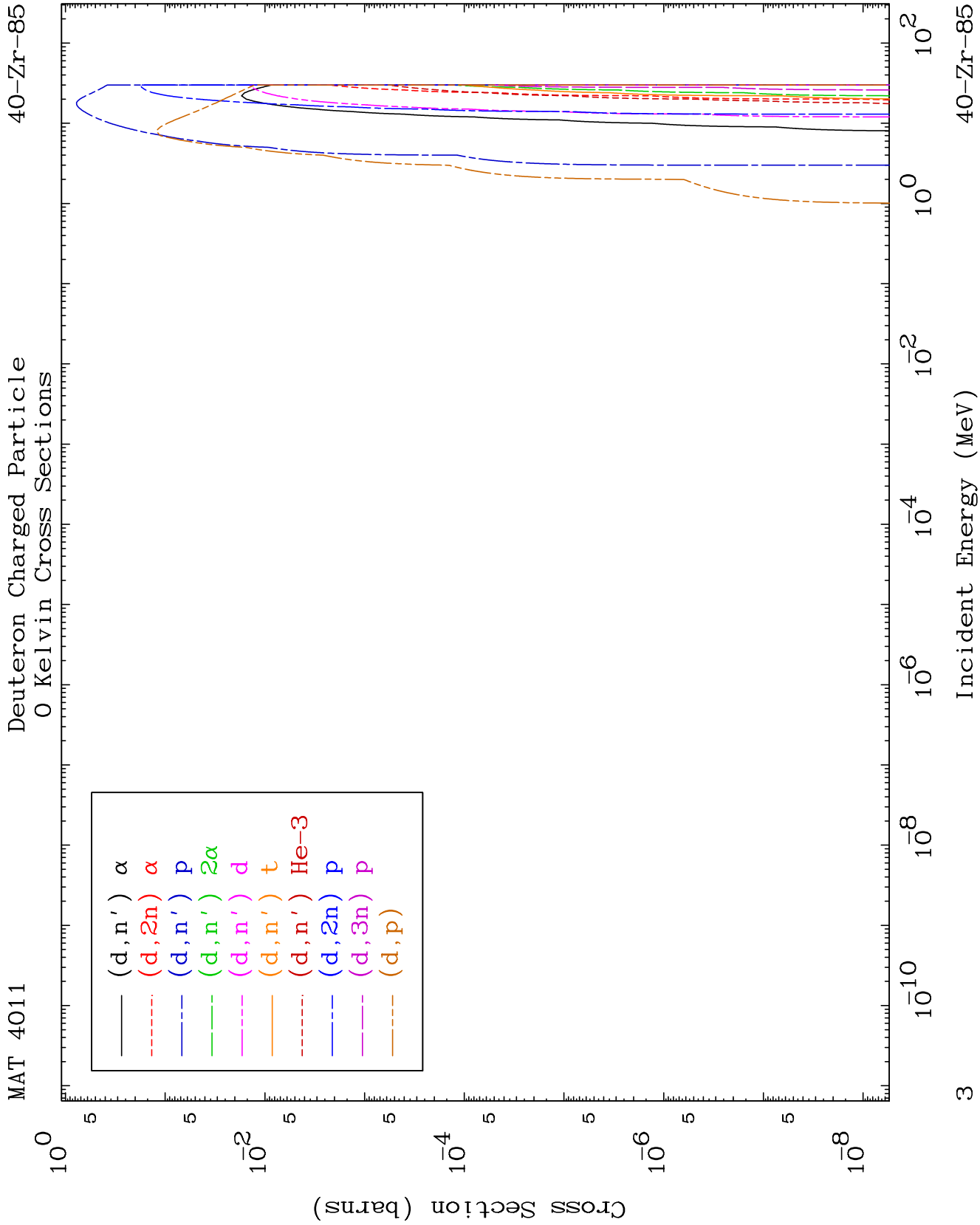
40-Zr-85



2

Incident Energy (MeV)

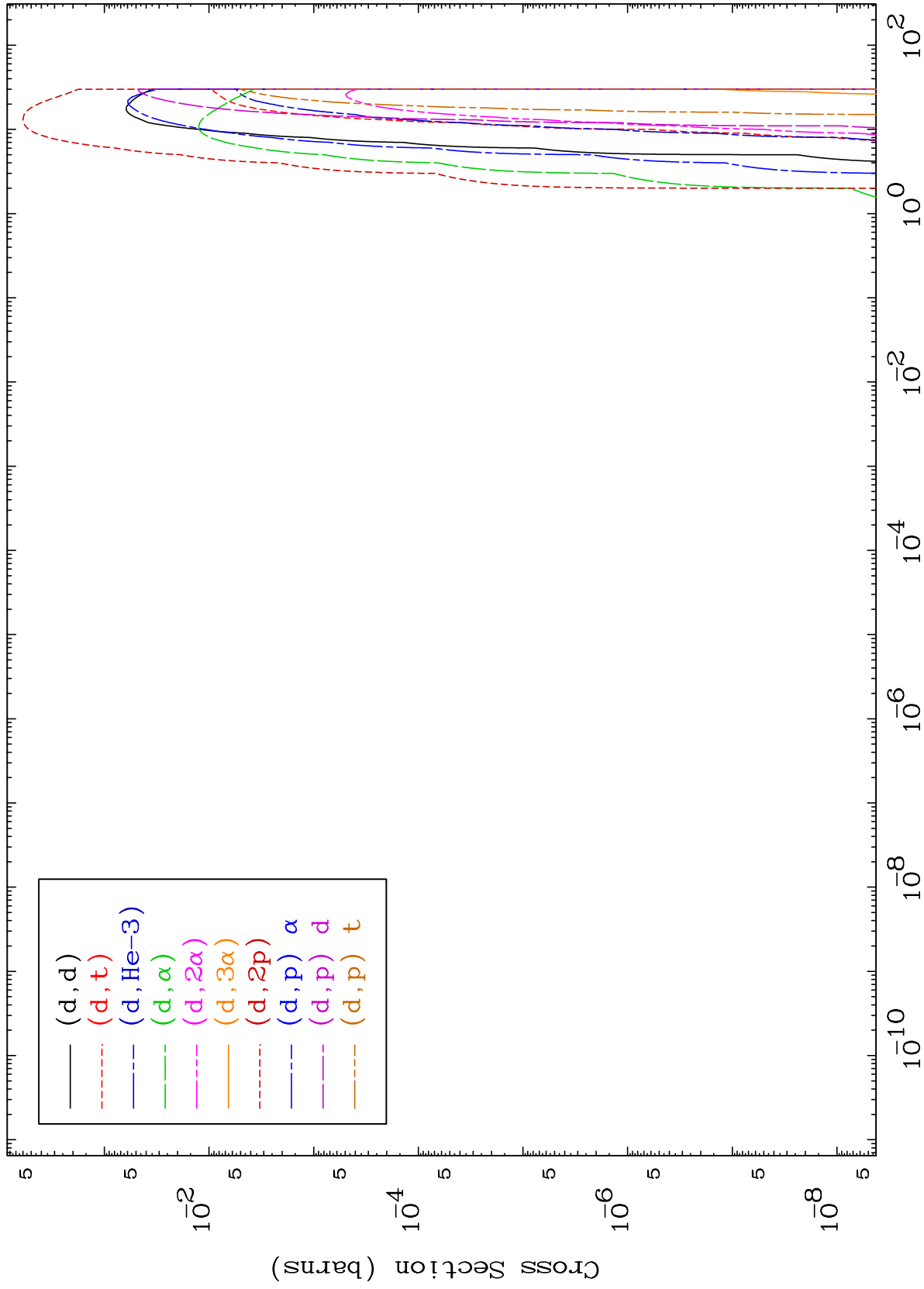
40-Zr-85



MAT 4011

Deuteron Charged Particle
0 Kelvin Cross Sections

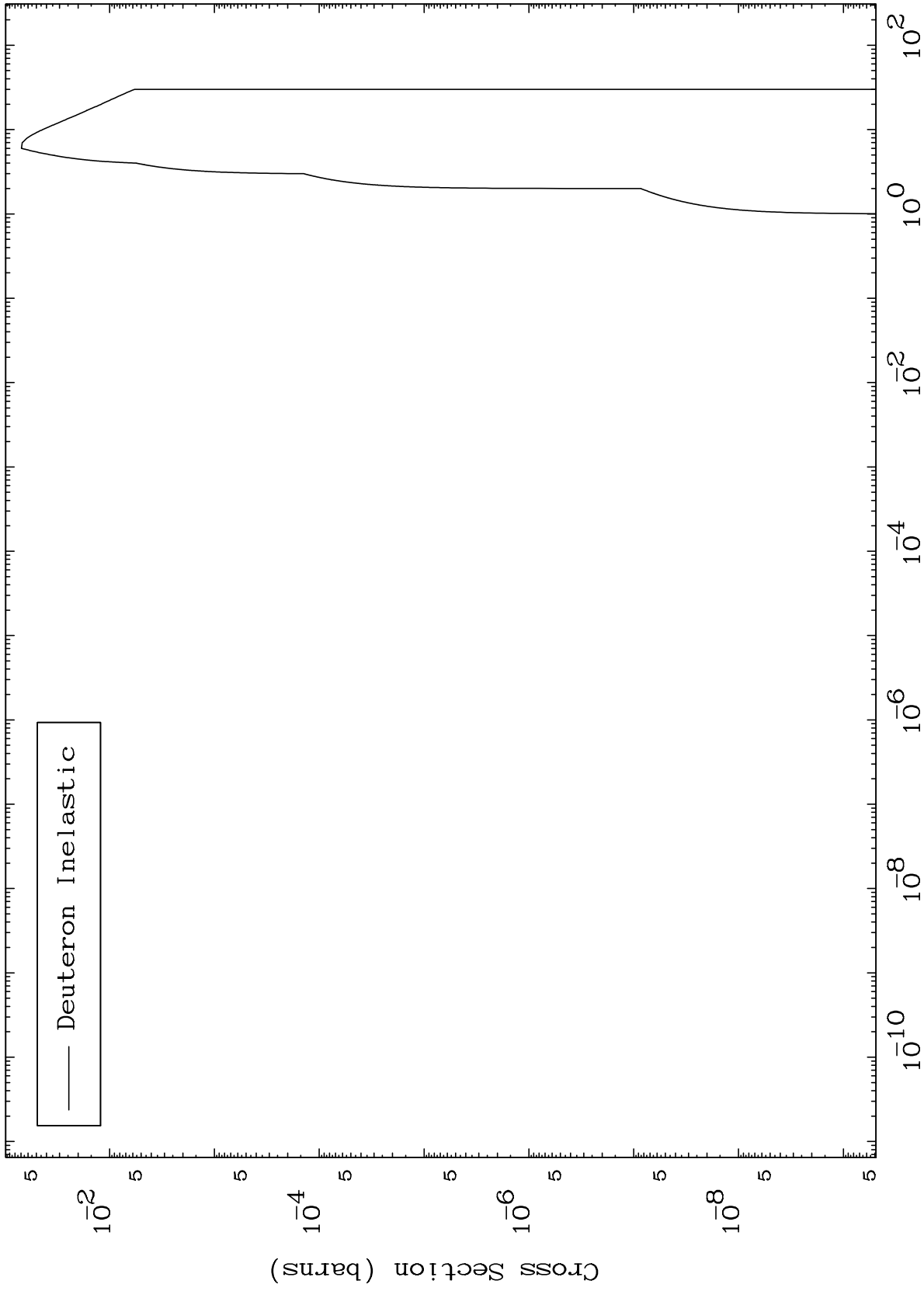
40-Zr-85



MAT 4011

(d,n') Level
0 Kelvin Cross Sections

40-Zr-85



5

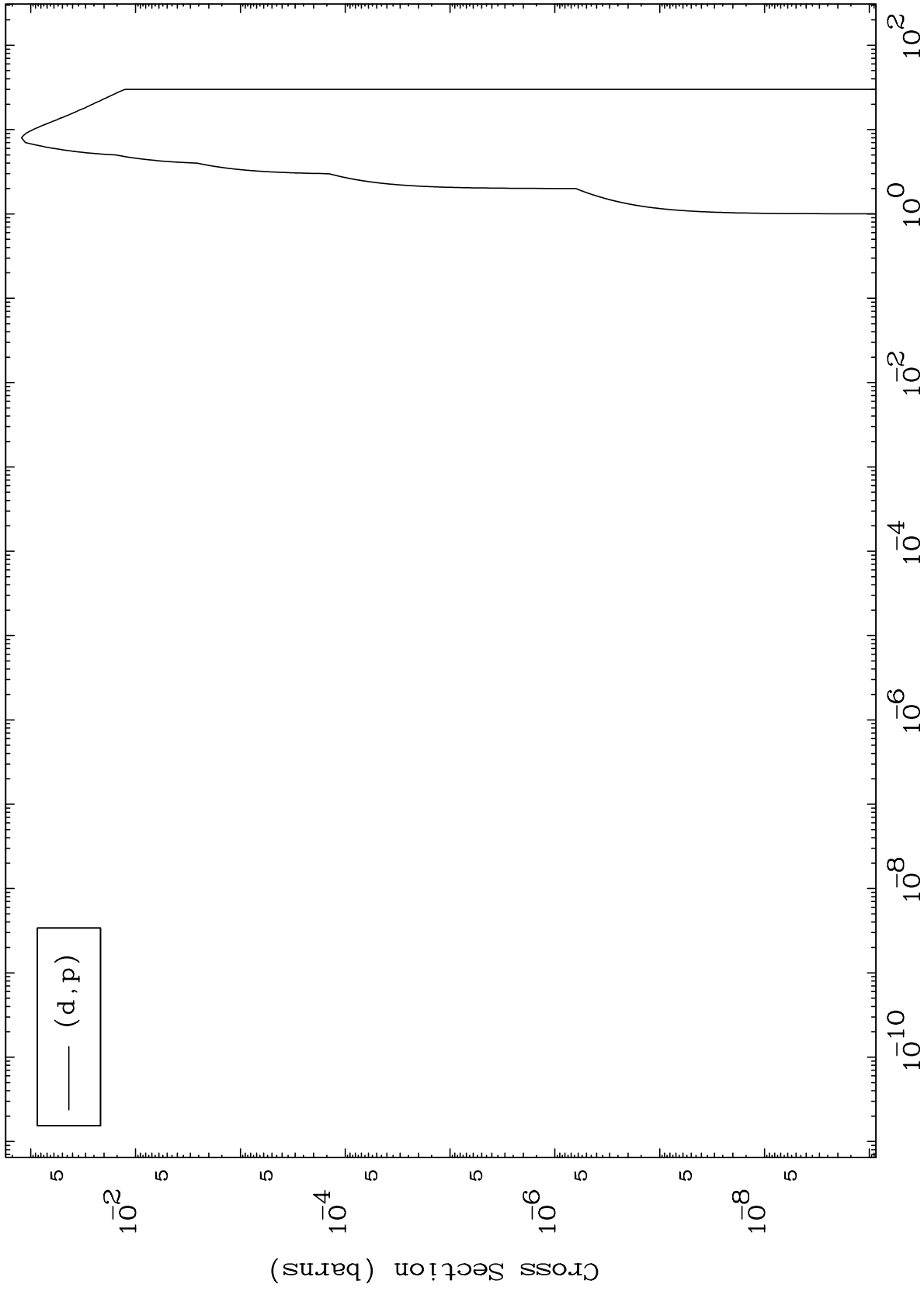
Incident Energy (MeV)

40-Zr-85

MAT 4011

(d,p) Levels
0 Kelvin Cross Sections

40-Zr-85



6

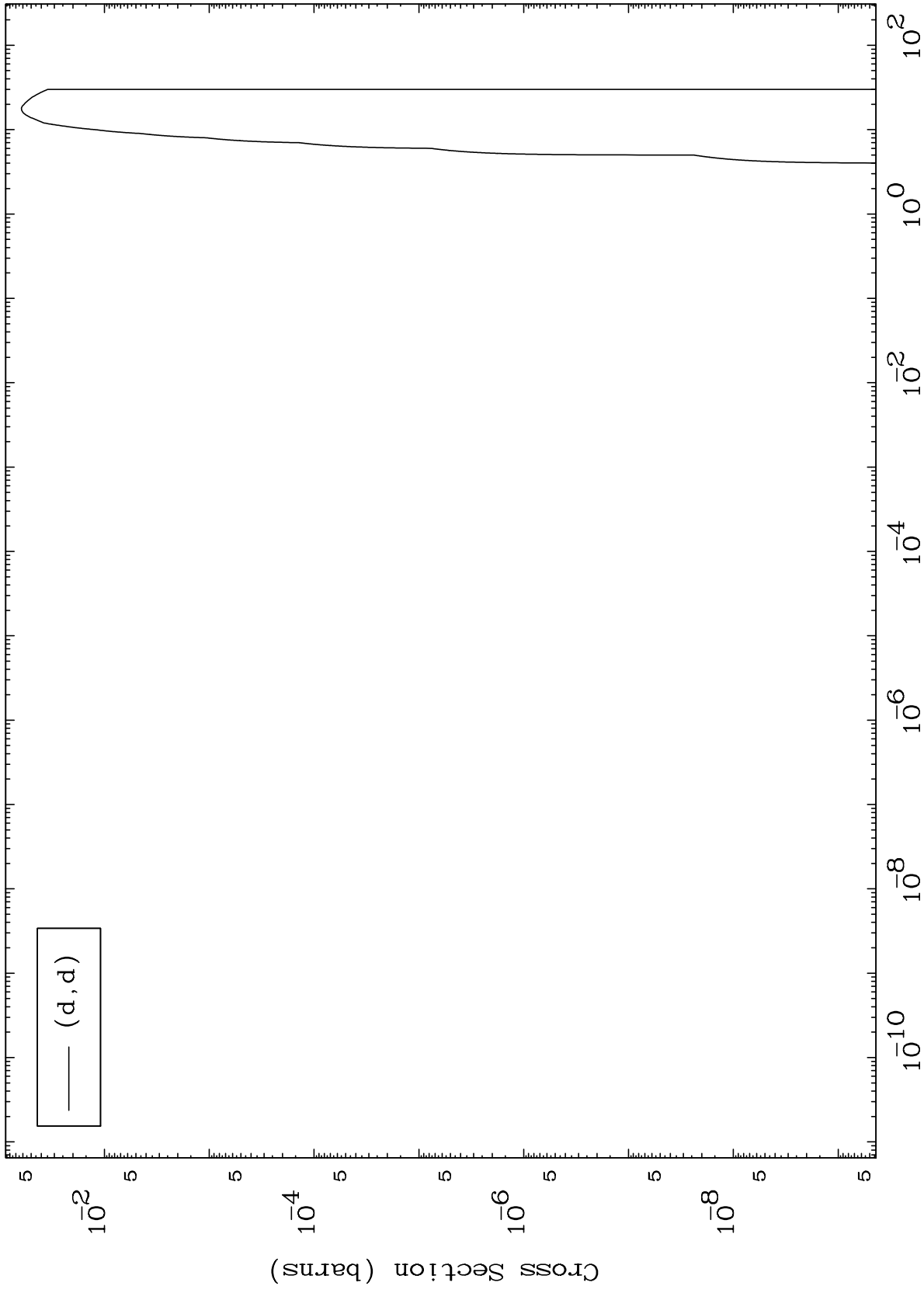
Incident Energy (MeV)

40-Zr-85

MAT 4011

(d,d) Levels
0 Kelvin Cross Sections

40-Zr-85



7

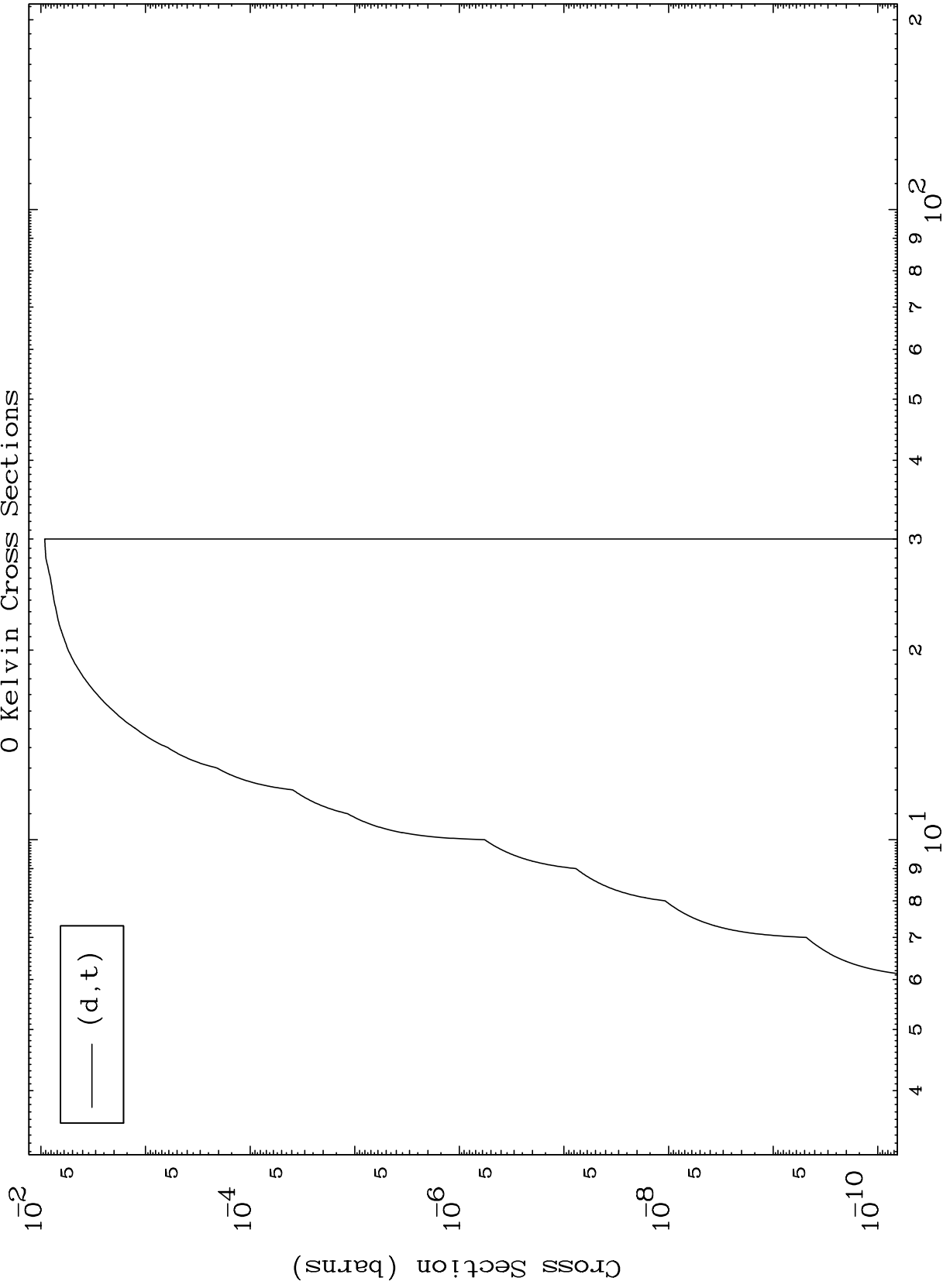
Incident Energy (MeV)

40-Zr-85

MAT 4011

(d,t) Levels
0 Kelvin Cross Sections

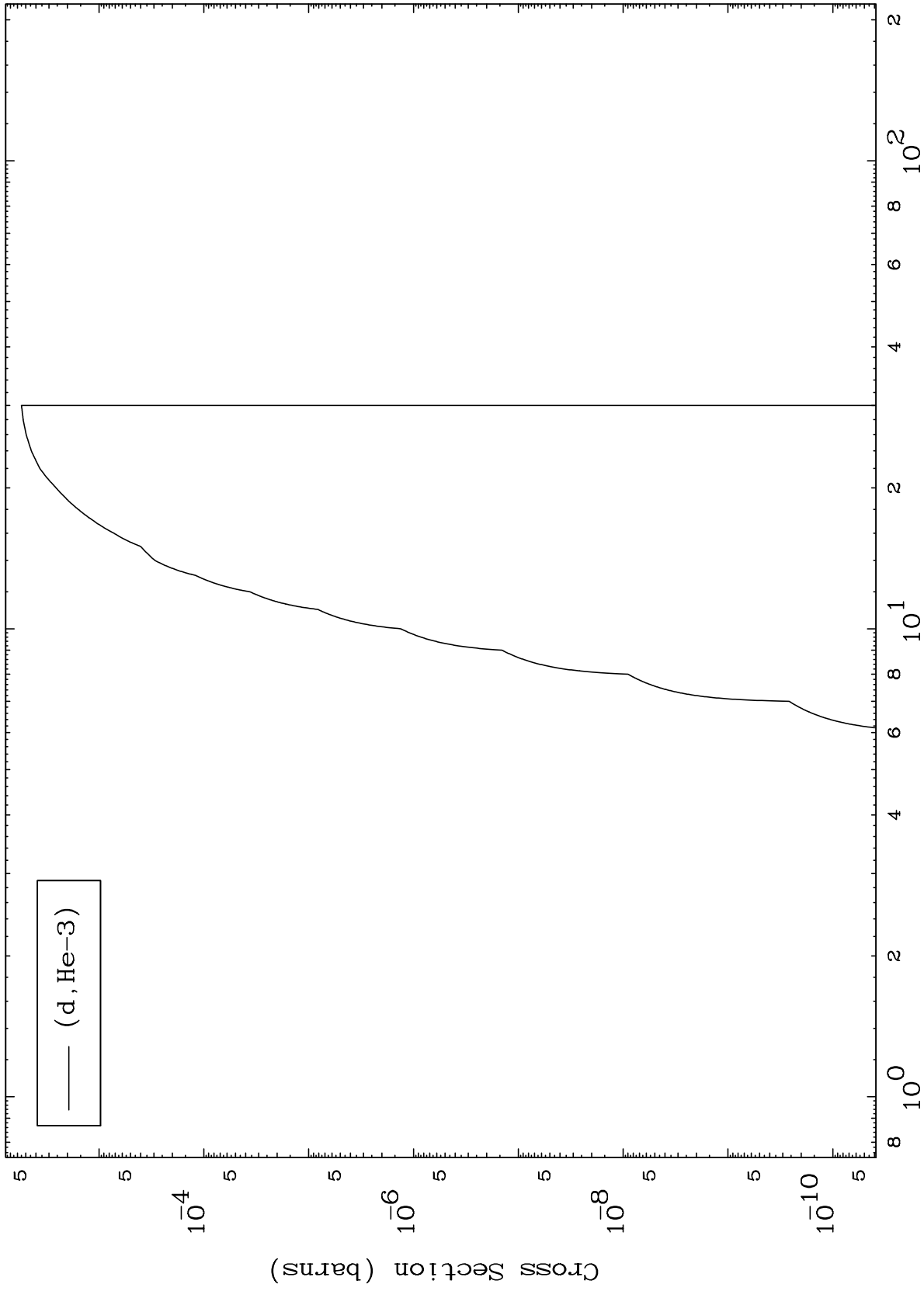
40-Zr-85



MAT 4011

(d,He3) Levels
0 Kelvin Cross Sections

40-Zr-85



9

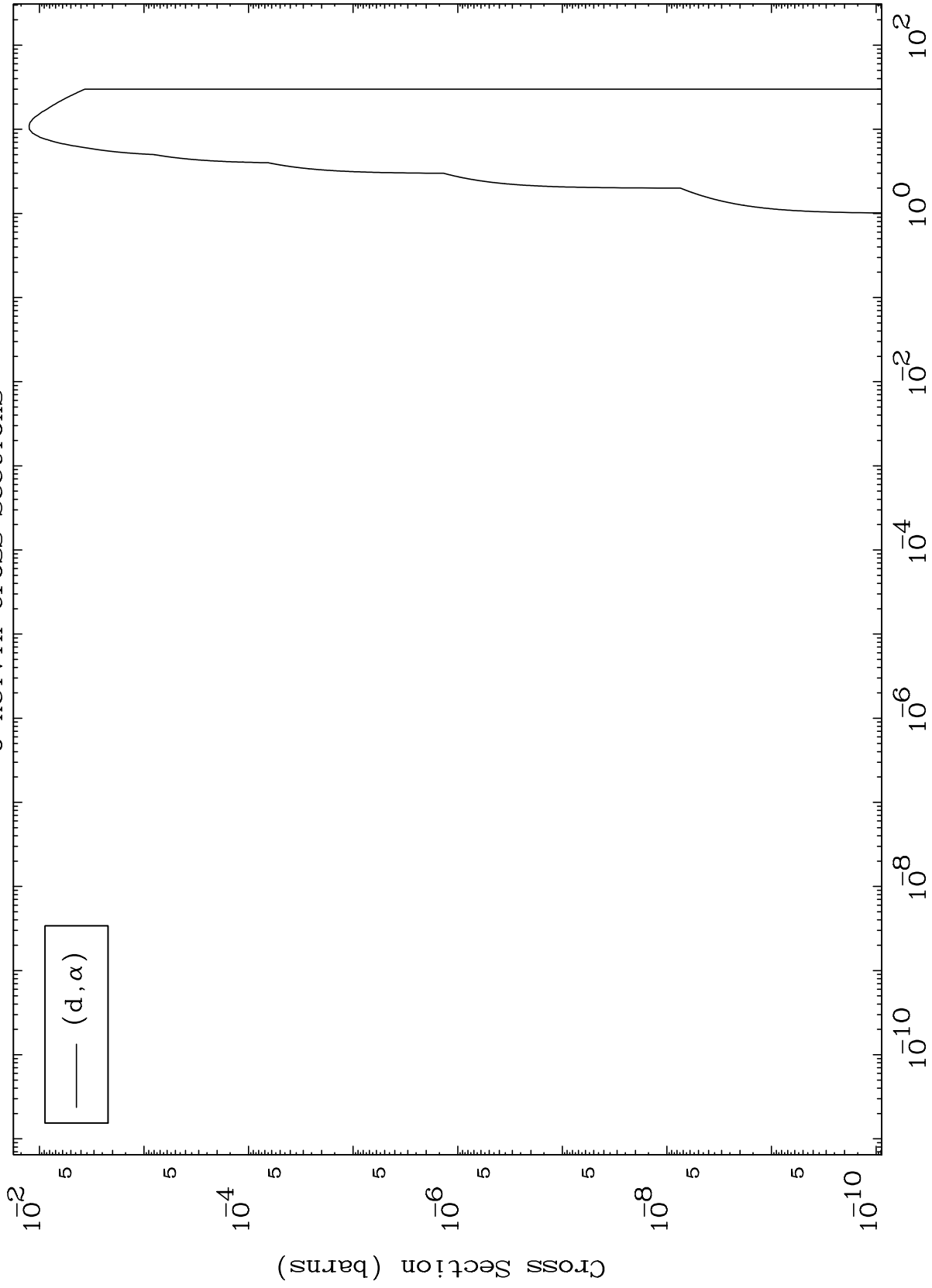
Incident Energy (MeV)

40-Zr-85

MAT 4011

(d, α) Levels
0 Kelvin Cross Sections

40-Zr-85



10

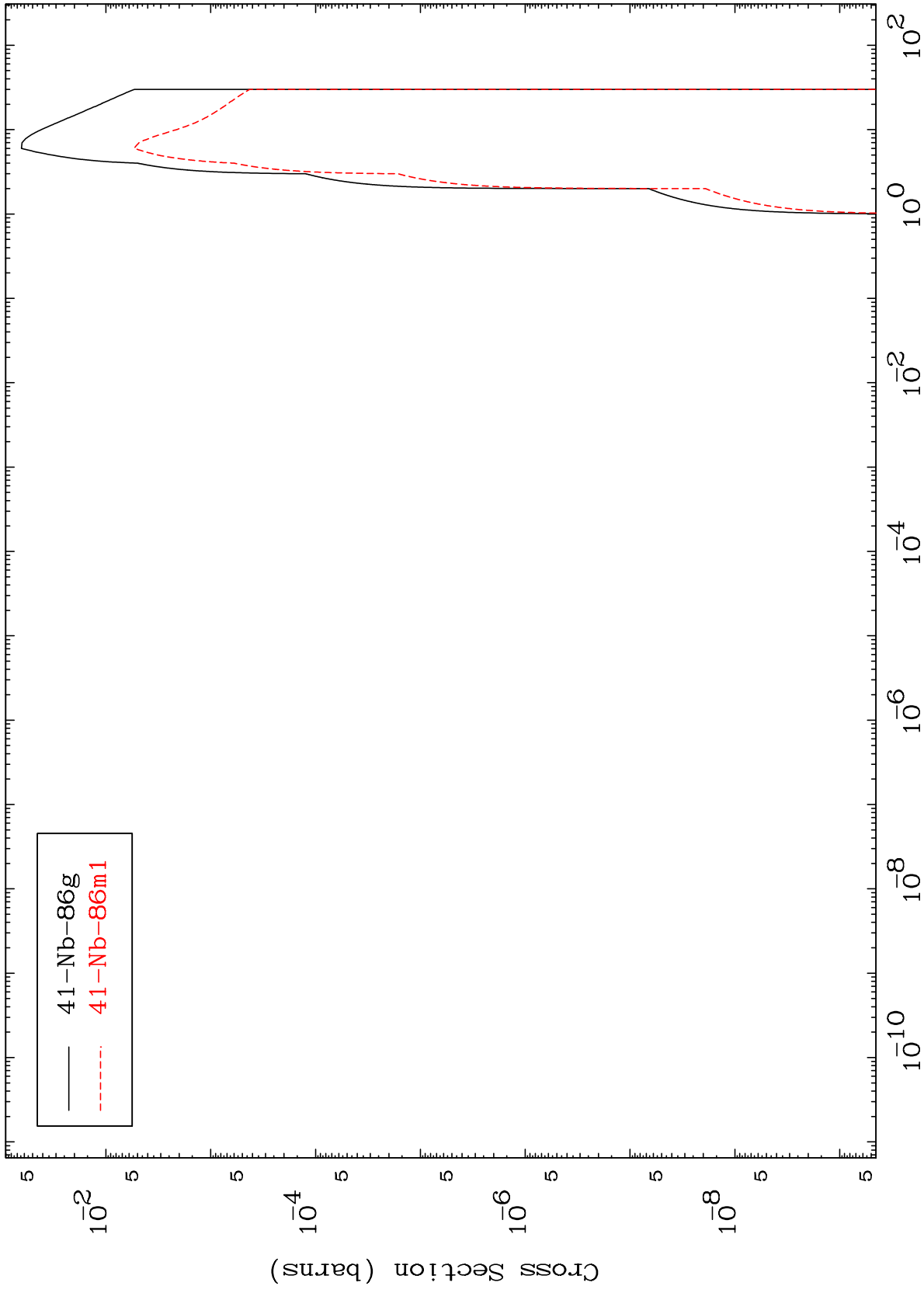
Incident Energy (MeV)

40-Zr-85

MAT 4011

Deuteron Inelastic
Radionuclide Production Cross Section

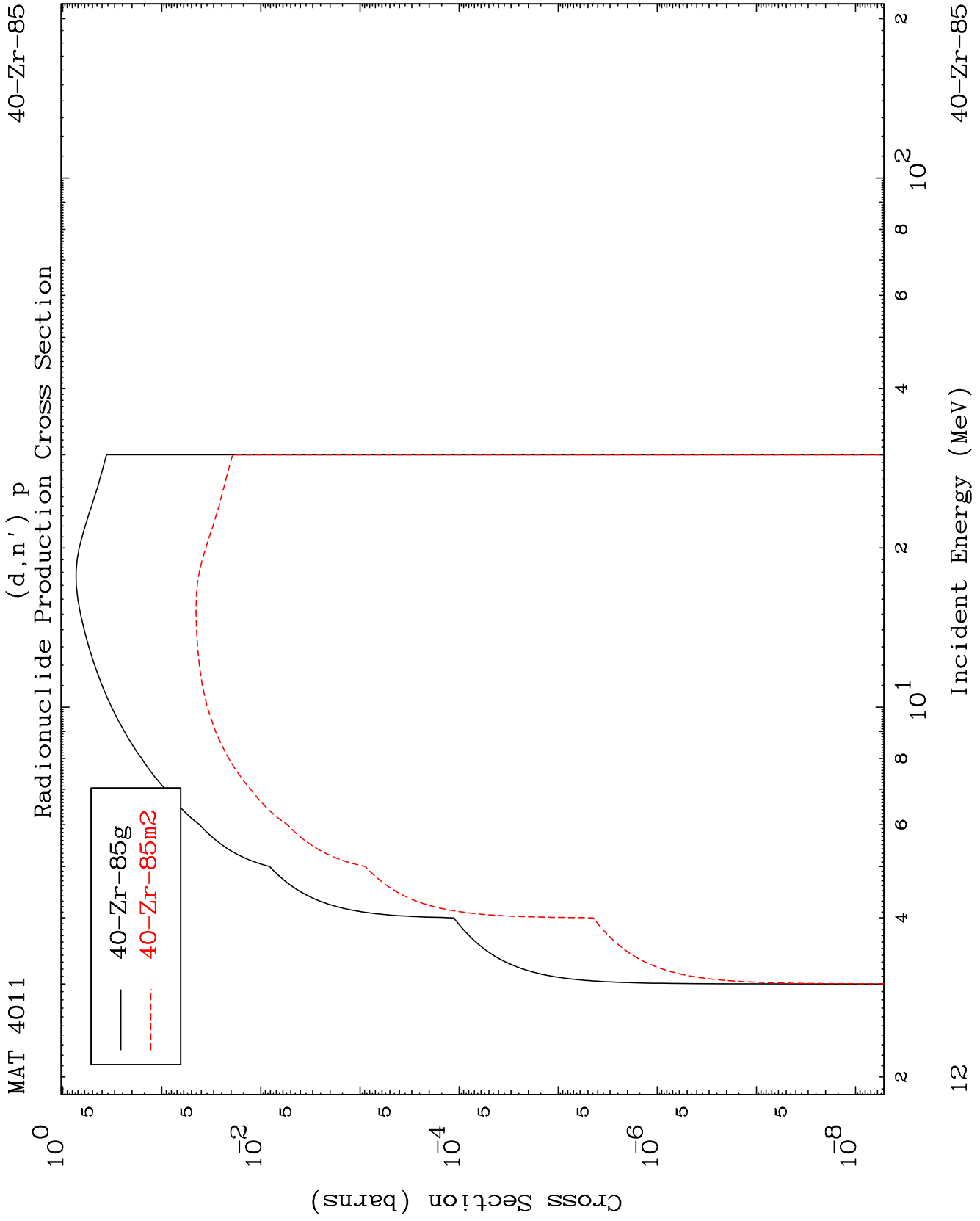
40-Zr-85



11

Incident Energy (MeV)

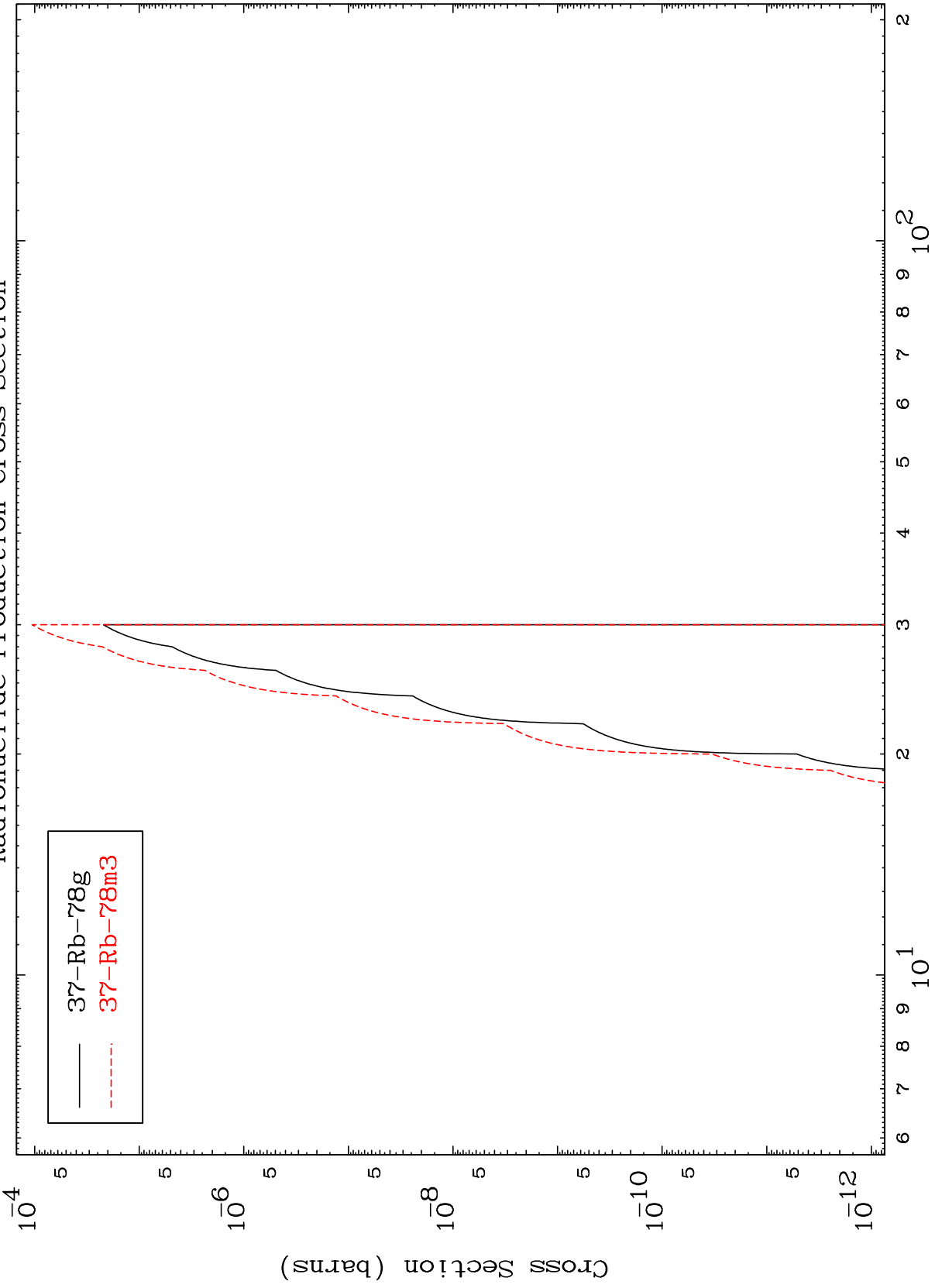
40-Zr-85



MAT 4011

40-Zr-85

(d,n') 2 α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

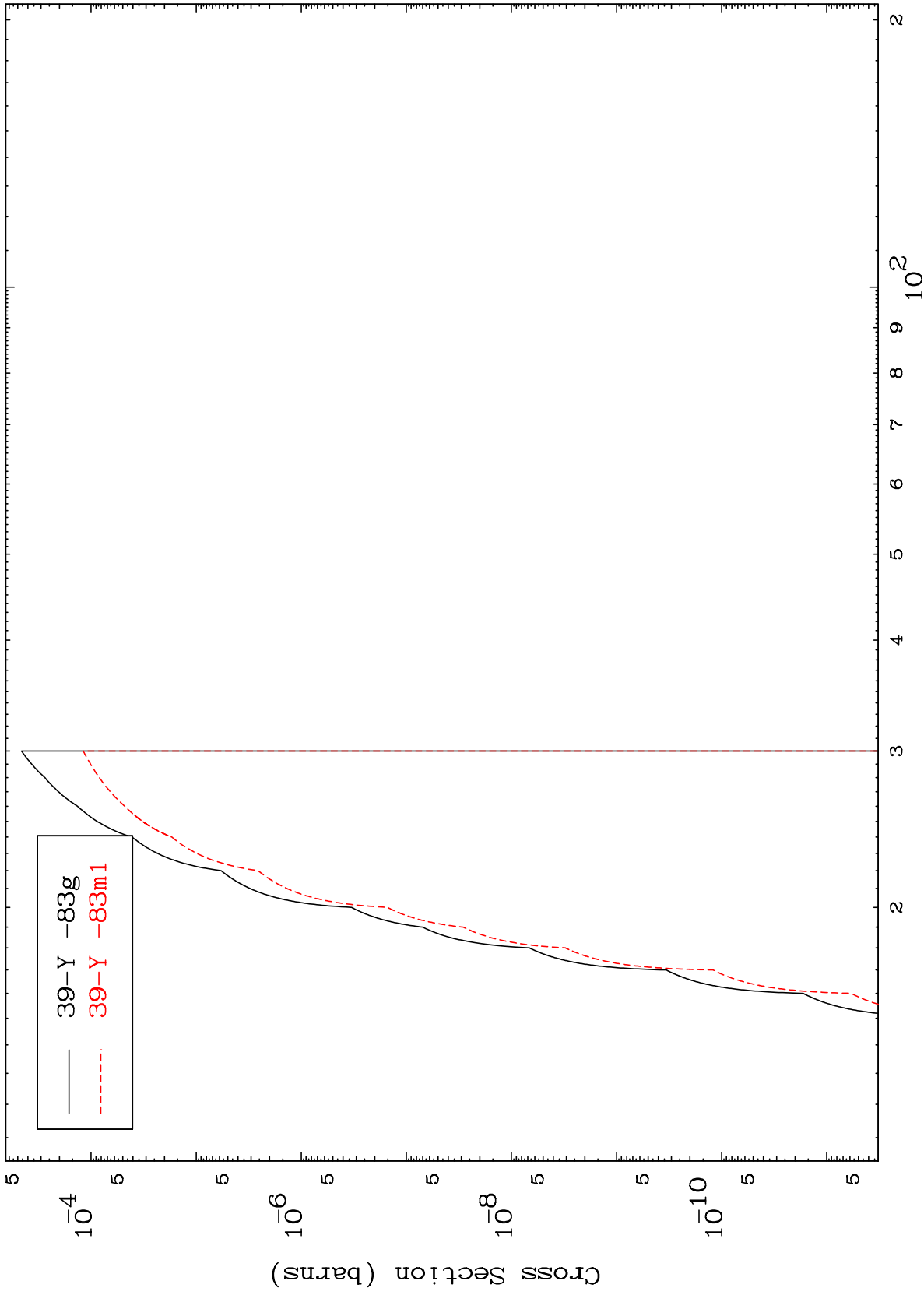
40-Zr-85

MAT 4011

(d, n') He-3

40-Zr-85

Radionuclide Production Cross Section



14

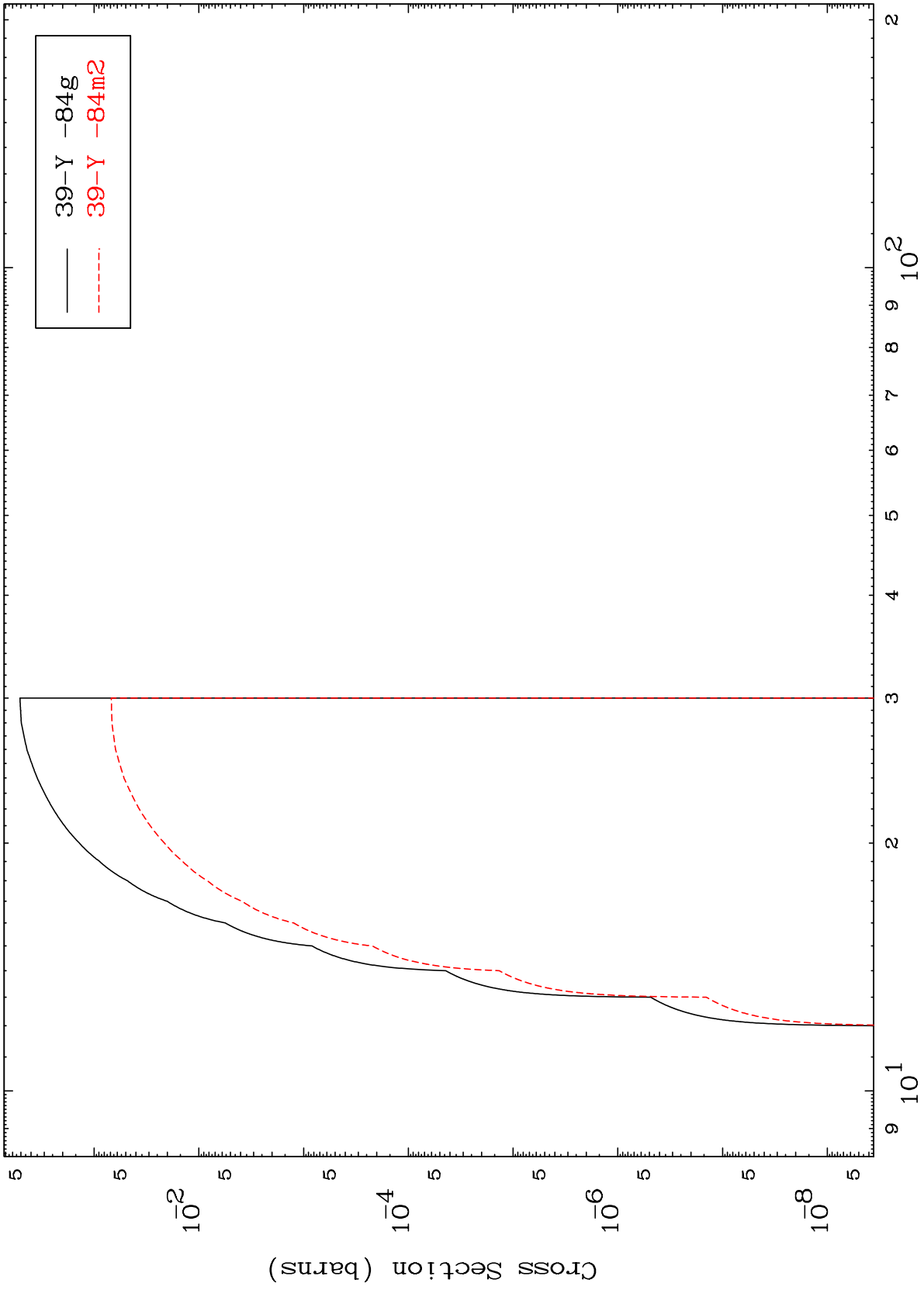
40-Zr-85

MAT 4011

(d,2n) p

40-Zr-85

Radionuclide Production Cross Section



15

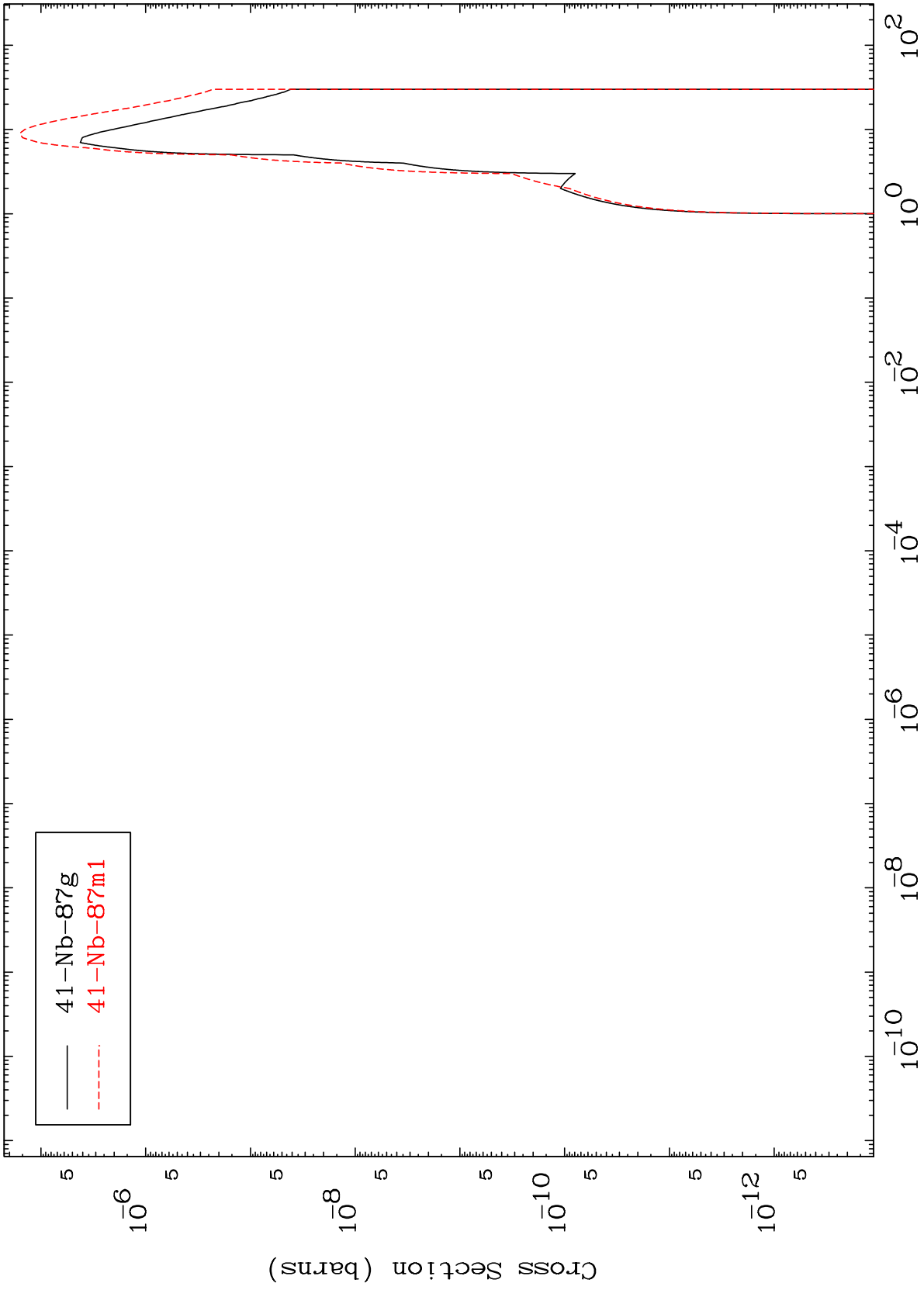
Incident Energy (MeV)

40-Zr-85

MAT 4011

Radionuclide Production Cross Section
(d, γ)

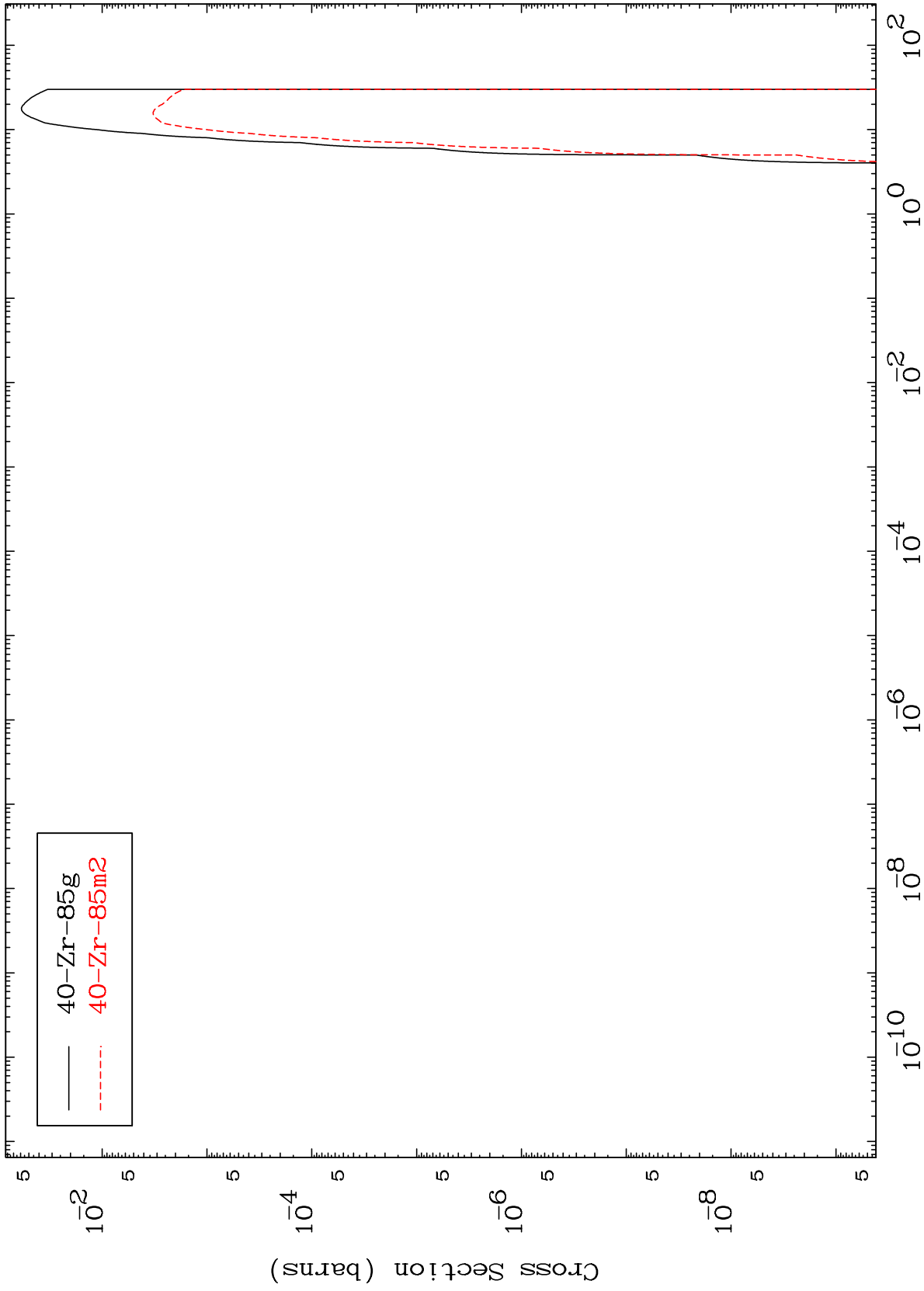
40-Zr-85



MAT 4011

(d,d)

Radionuclide Production Cross Section

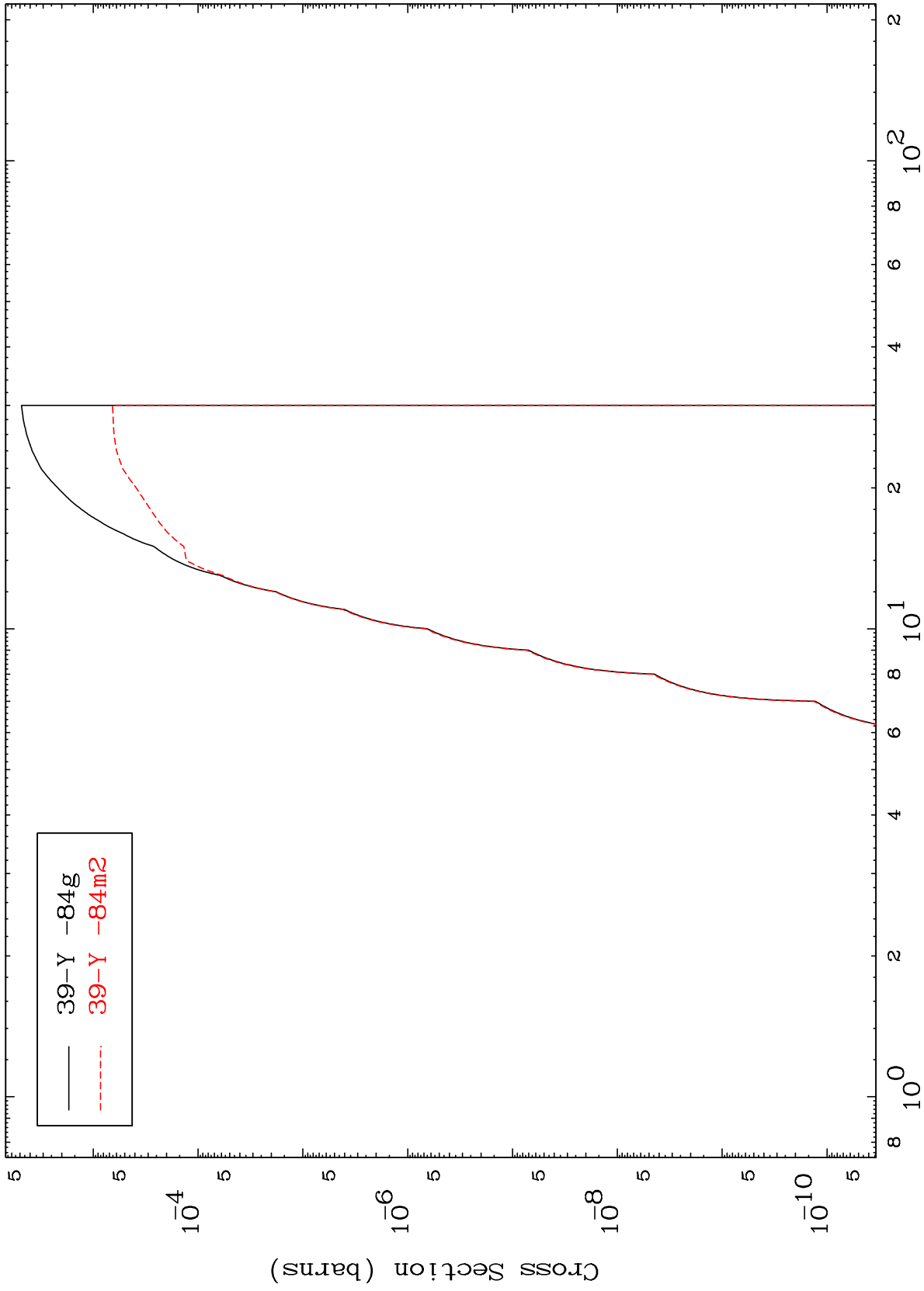


MAT 4011

(d,He-3)

40-Zr-85

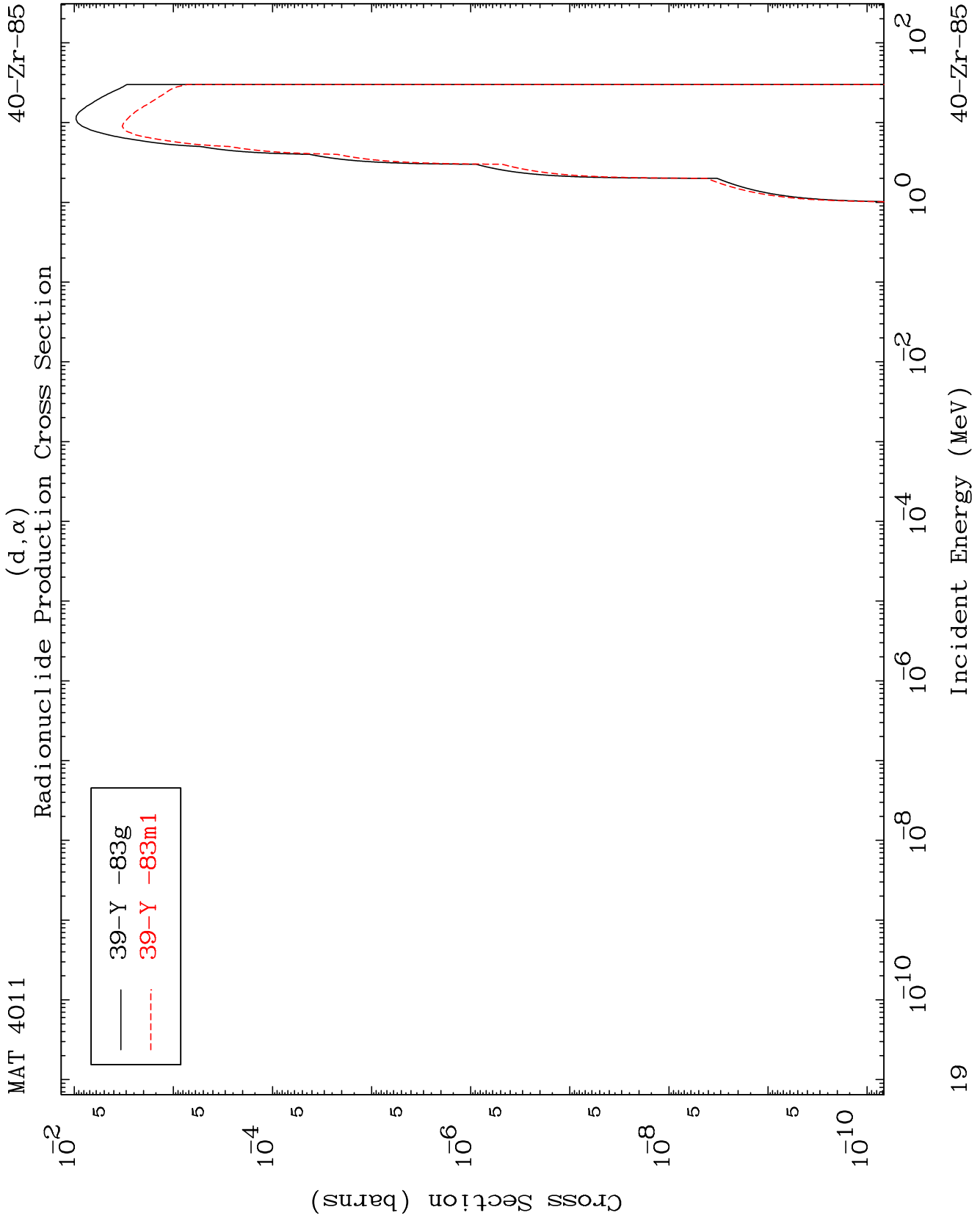
Radionuclide Production Cross Section



18

Incident Energy (MeV)

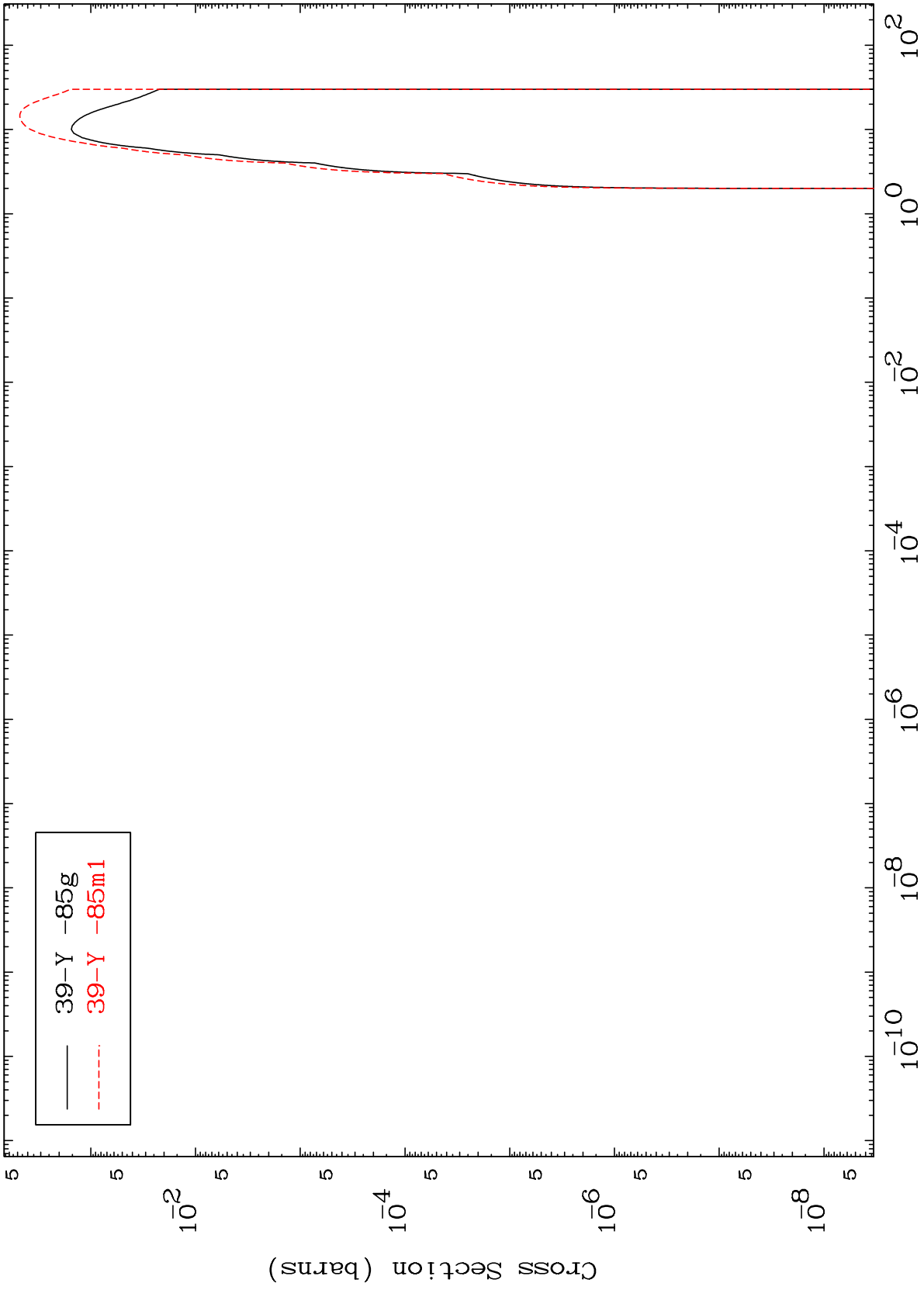
40-Zr-85



MAT 4011

Radionuclide Production Cross Section
(d,2p)

40-Zr-85



20

Incident Energy (MeV)

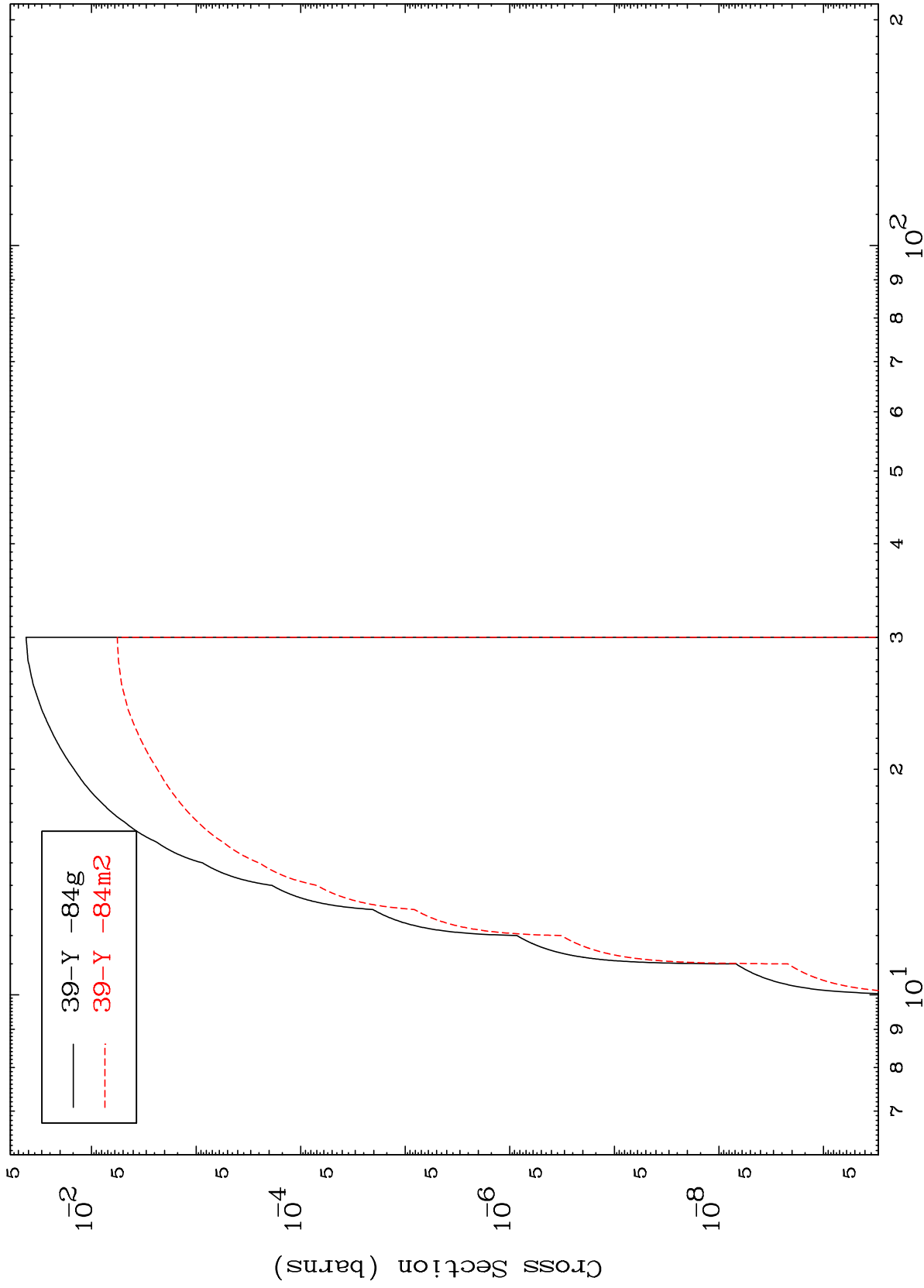
40-Zr-85

MAT 4011

(d,p) d

40-Zr-85

Radionuclide Production Cross Section



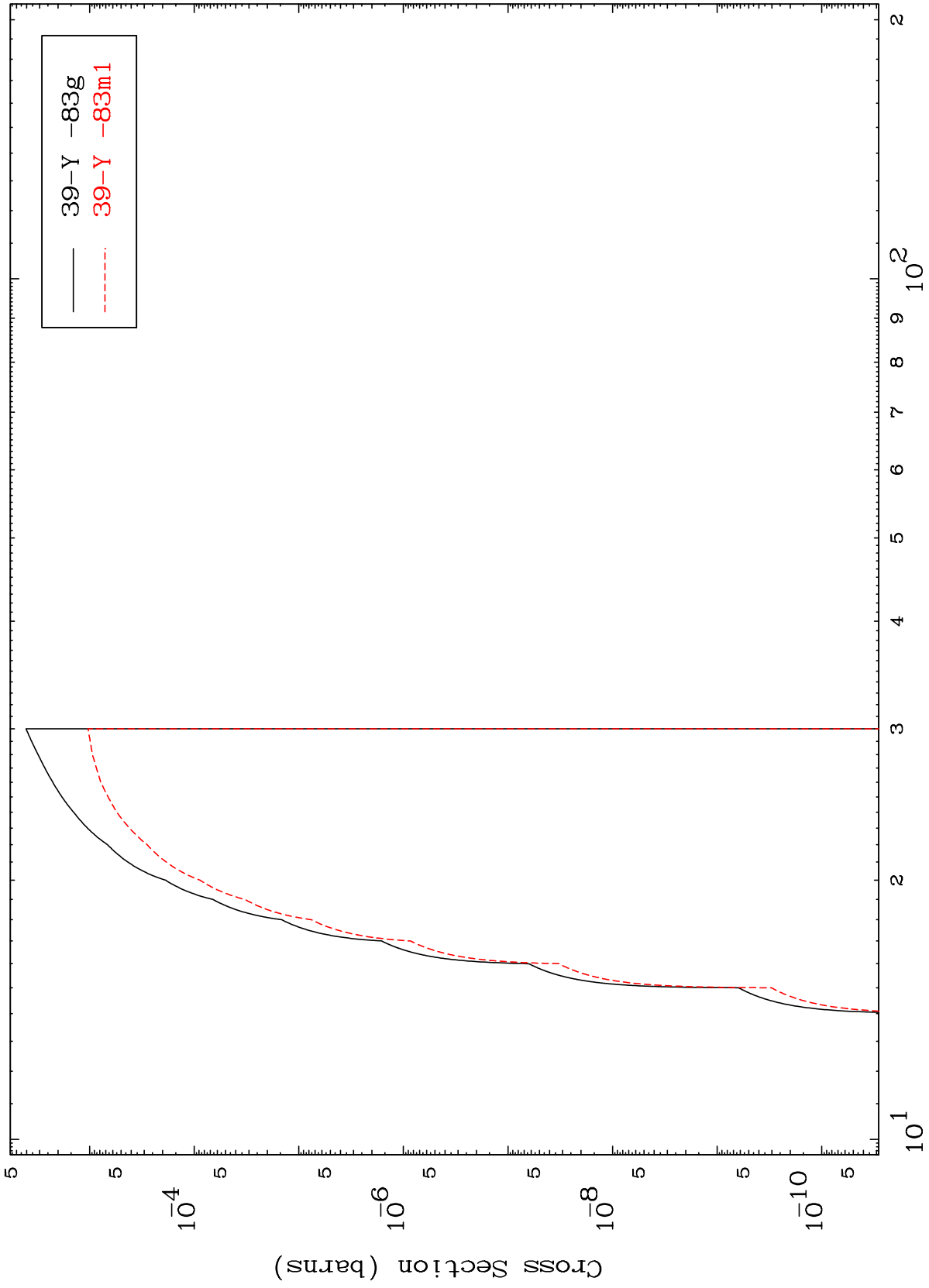
39-Y-84g
39-Y-84m2

MAT 4011

(d,p) t

40-Zr-85

Radionuclide Production Cross Section



22

Incident Energy (MeV)

40-Zr-85