

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

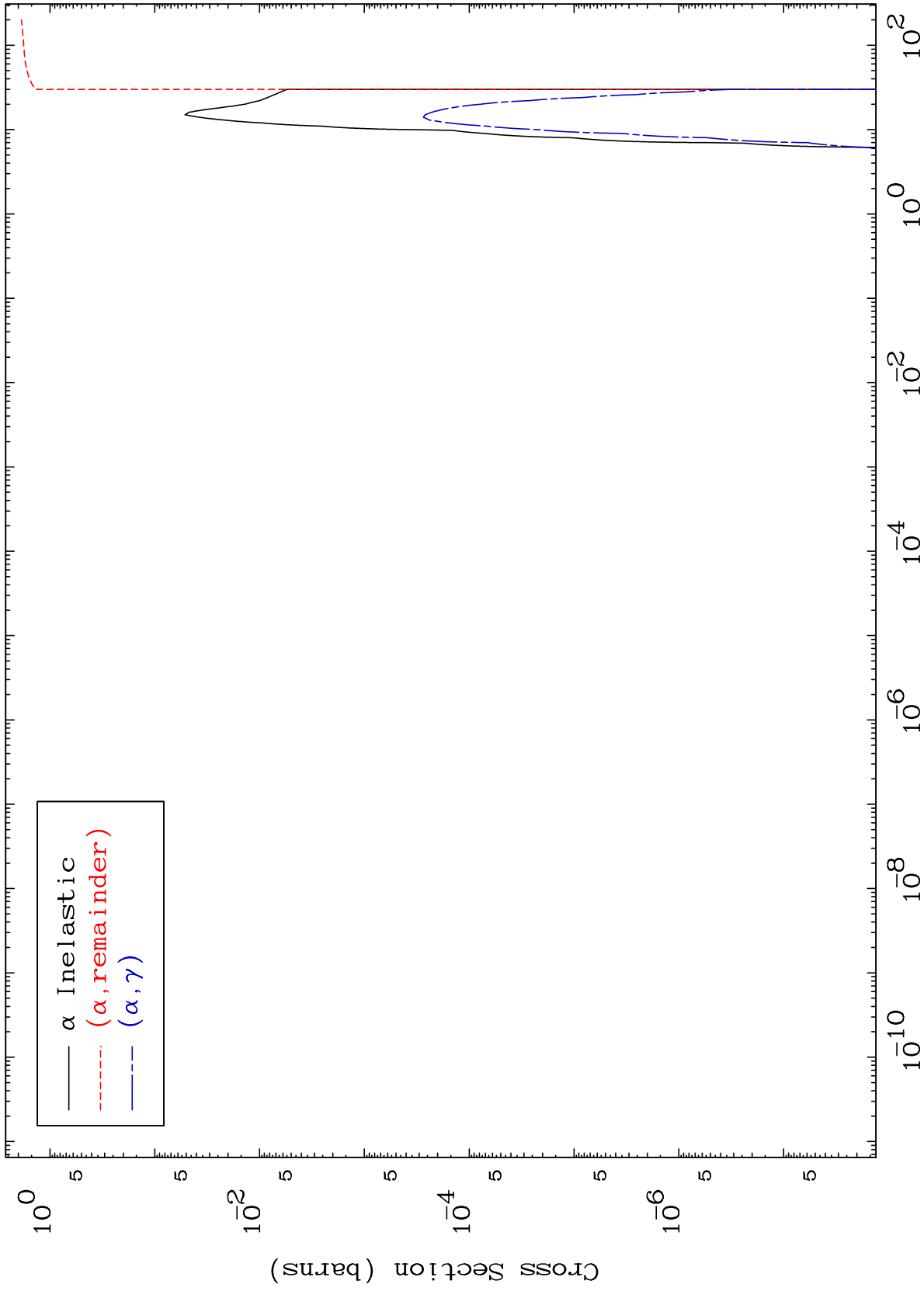
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4011

0 Kelvin α Major
Cross Sections

40-Zr-85

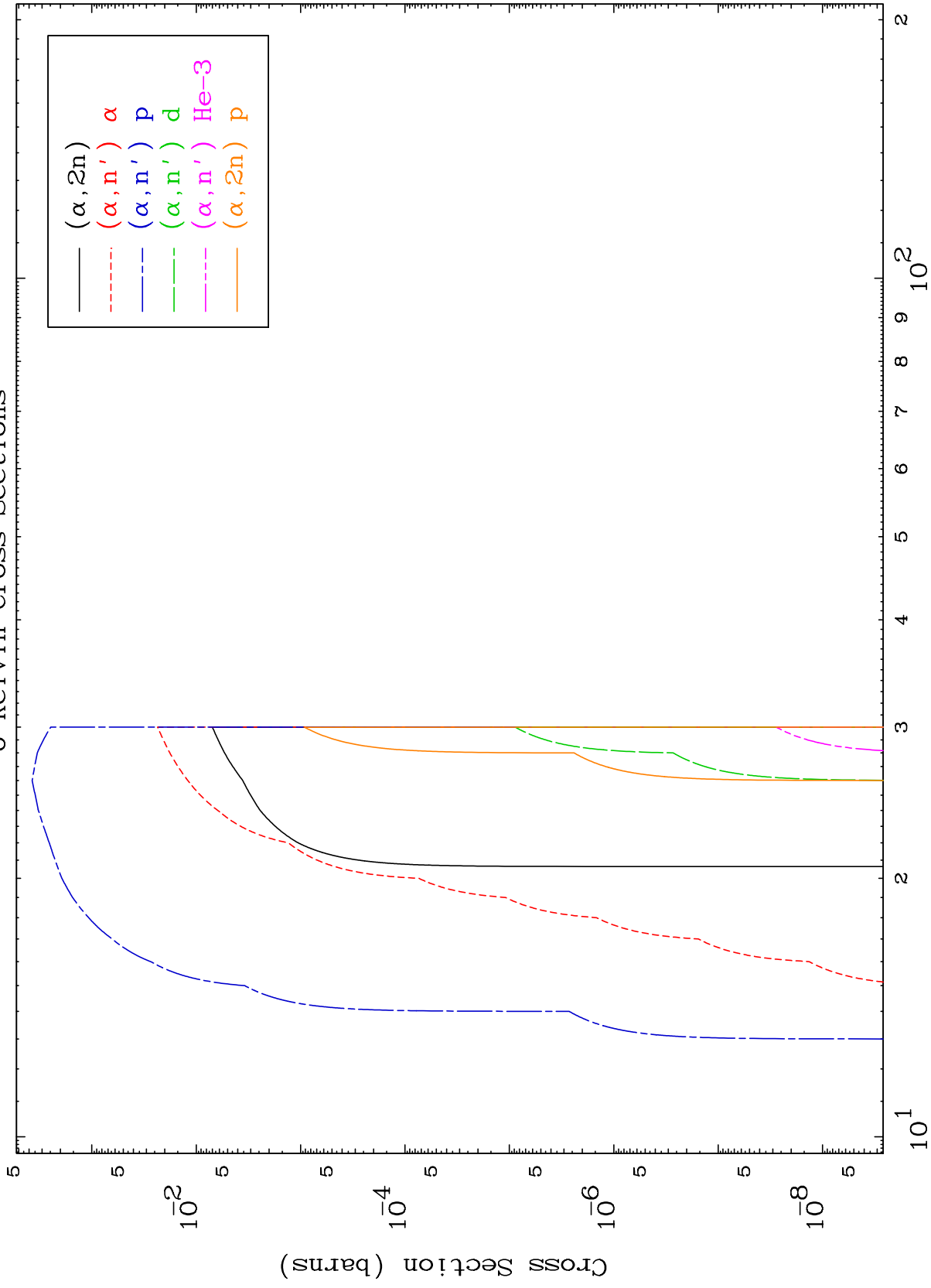


40-Zr-85

MAT 4011

α Neutron Production
0 Kelvin Cross Sections

40-Zr-85



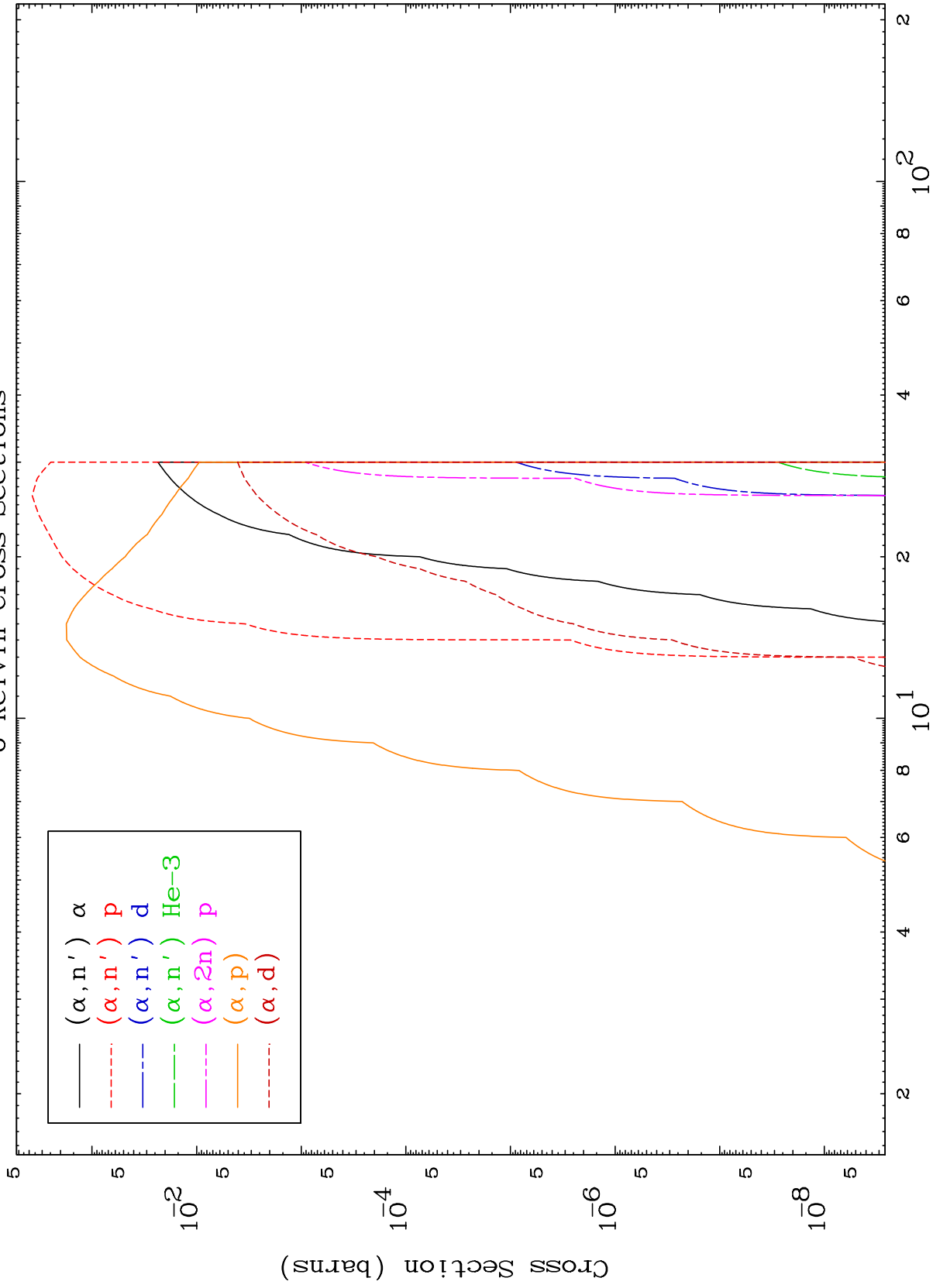
Incident Energy (MeV)

40-Zr-85

MAT 4011

α Charged Particle
0 Kelvin Cross Sections

40-Zr-85



3

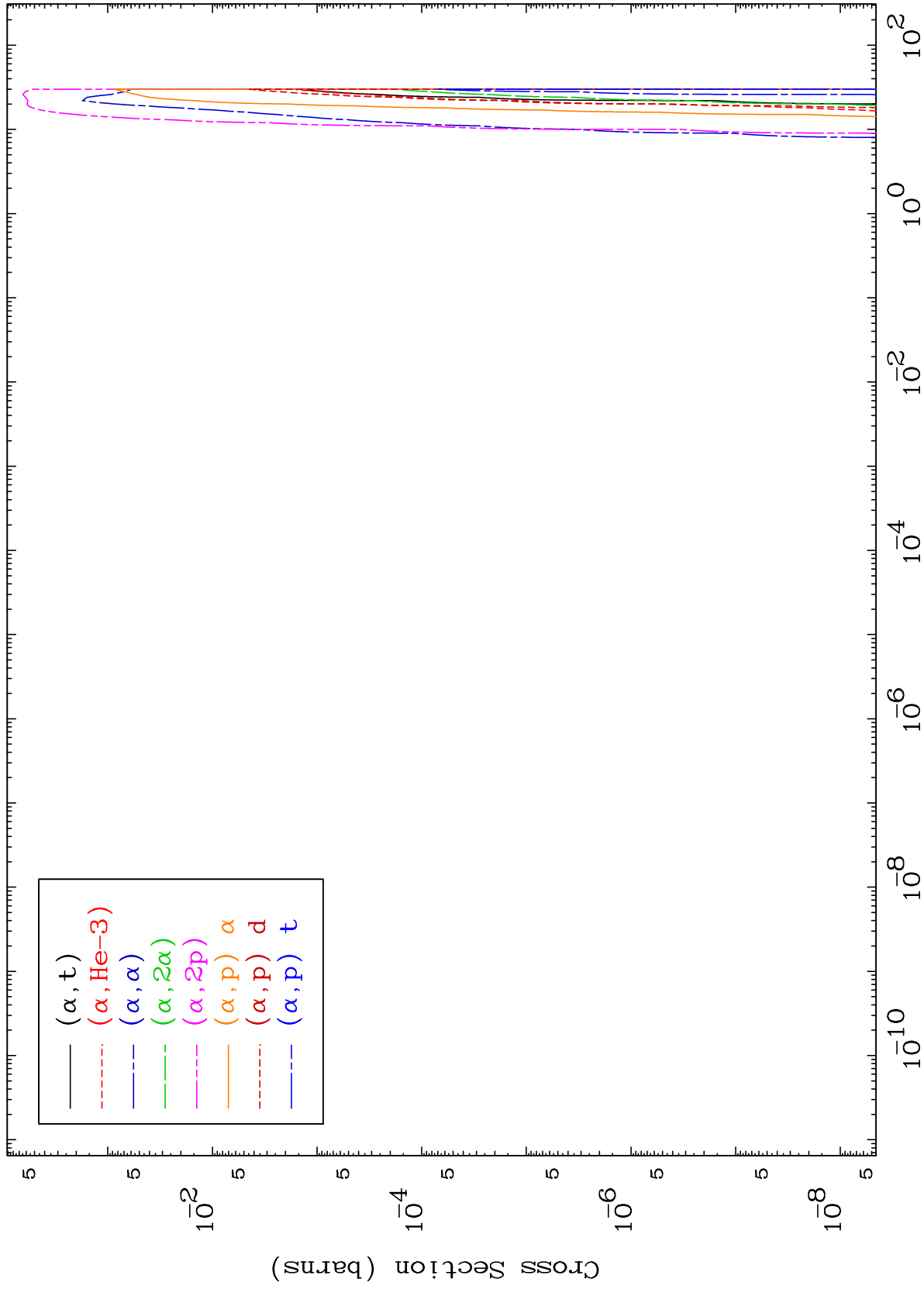
Incident Energy (MeV)

40-Zr-85

MAT 4011

α Charged Particle
0 Kelvin Cross Sections

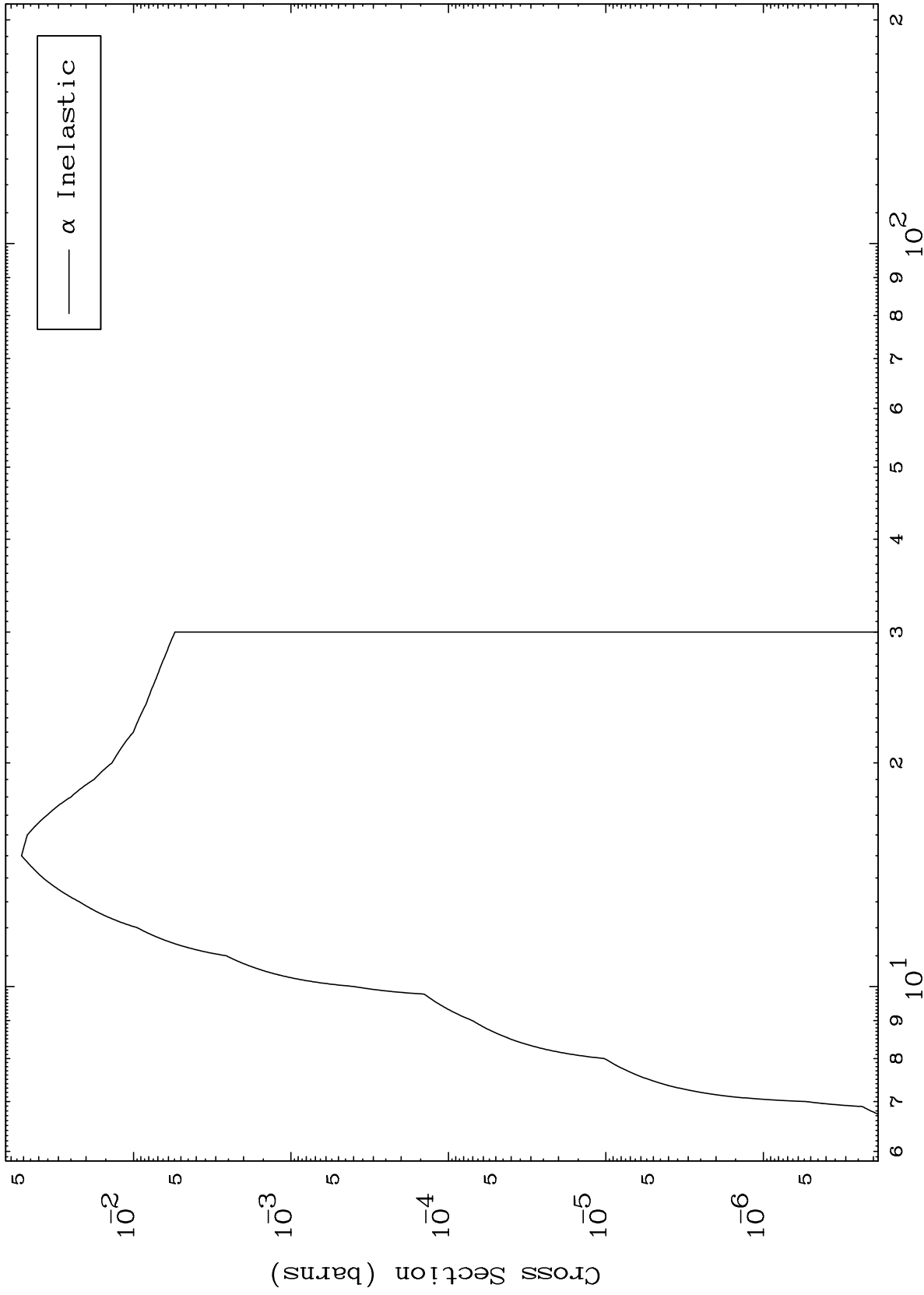
40-Zr-85



MAT 4011

(α, n') Level
0 Kelvin Cross Sections

40-Zr-85



5

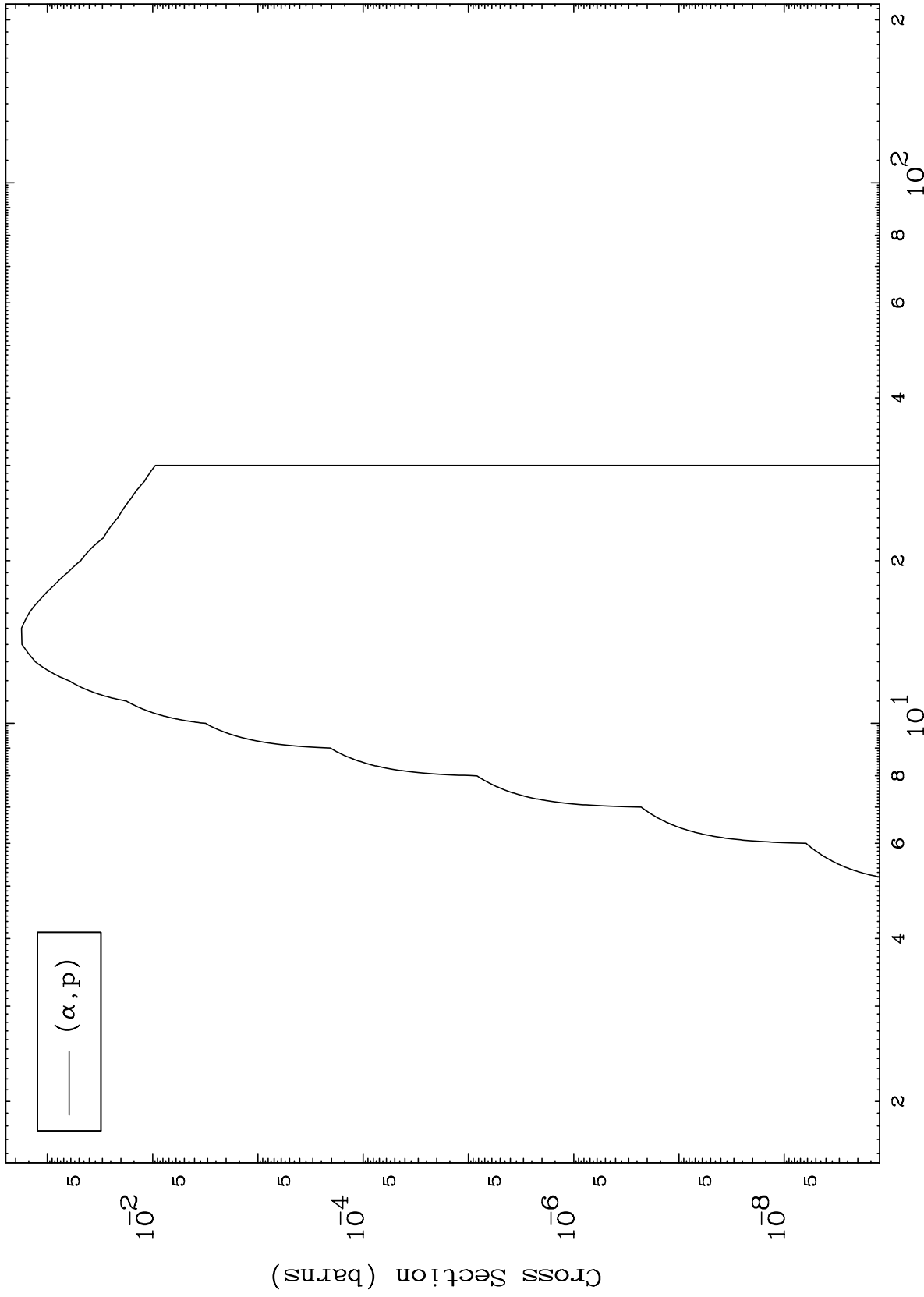
Incident Energy (MeV)

40-Zr-85

MAT 4011

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-85



6

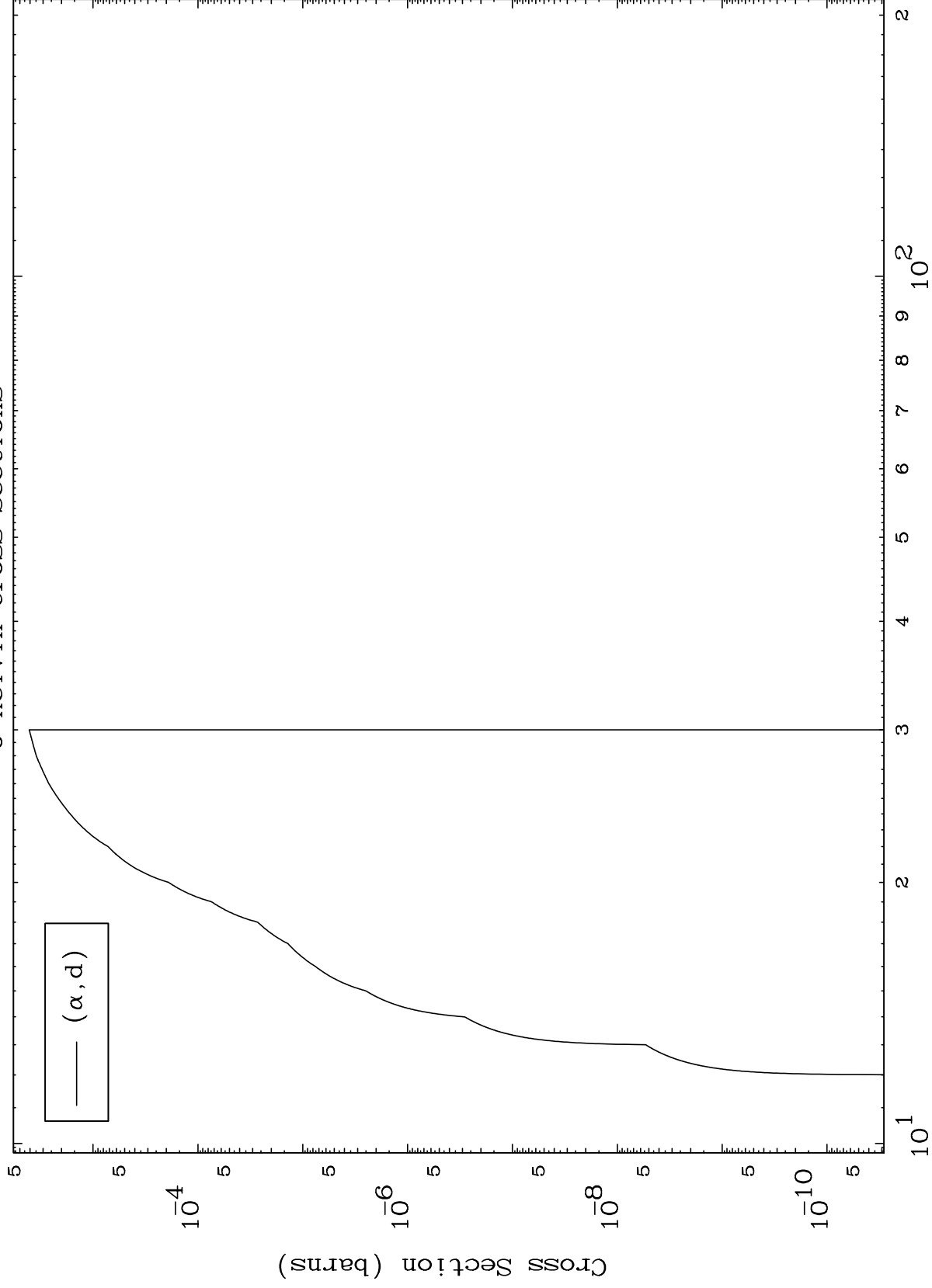
Incident Energy (MeV)

40-Zr-85

MAT 4011

(α, d) Levels
0 Kelvin Cross Sections

40-Zr-85



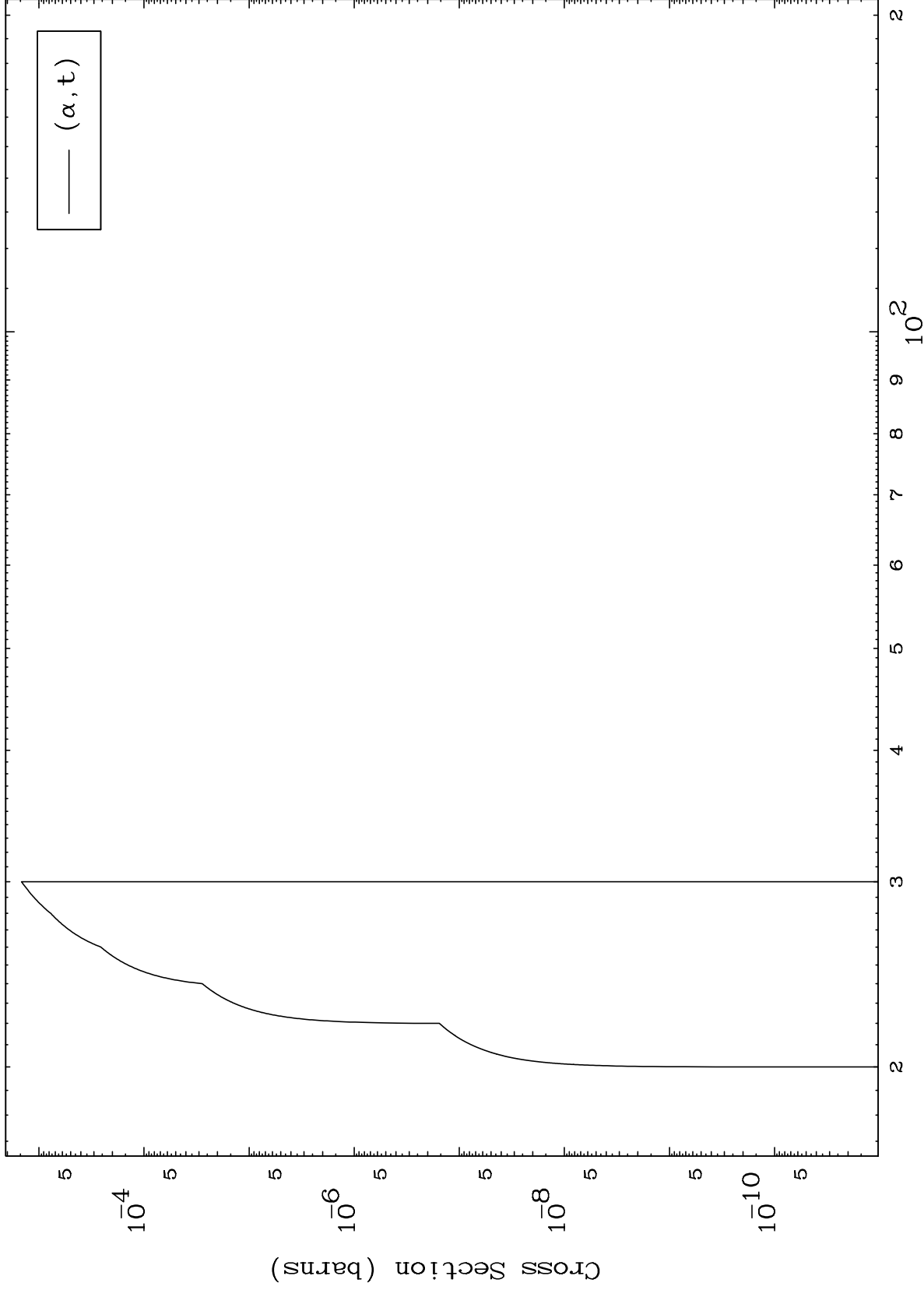
Incident Energy (MeV)

40-Zr-85

MAT 4011

(α, t) Levels
0 Kelvin Cross Sections

40-Zr-85



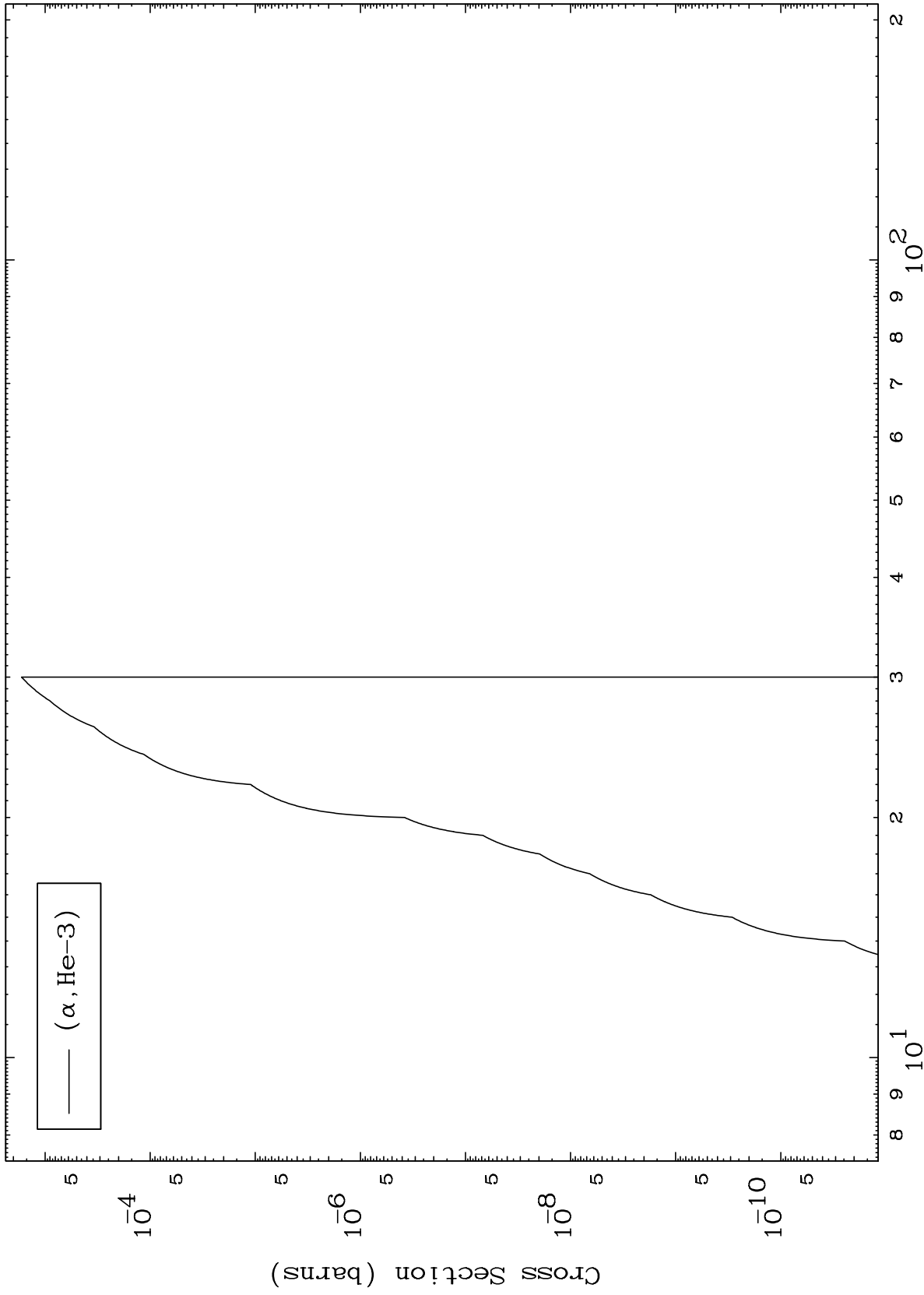
8

40-Zr-85

MAT 4011

(α ,He3) Levels
0 Kelvin Cross Sections

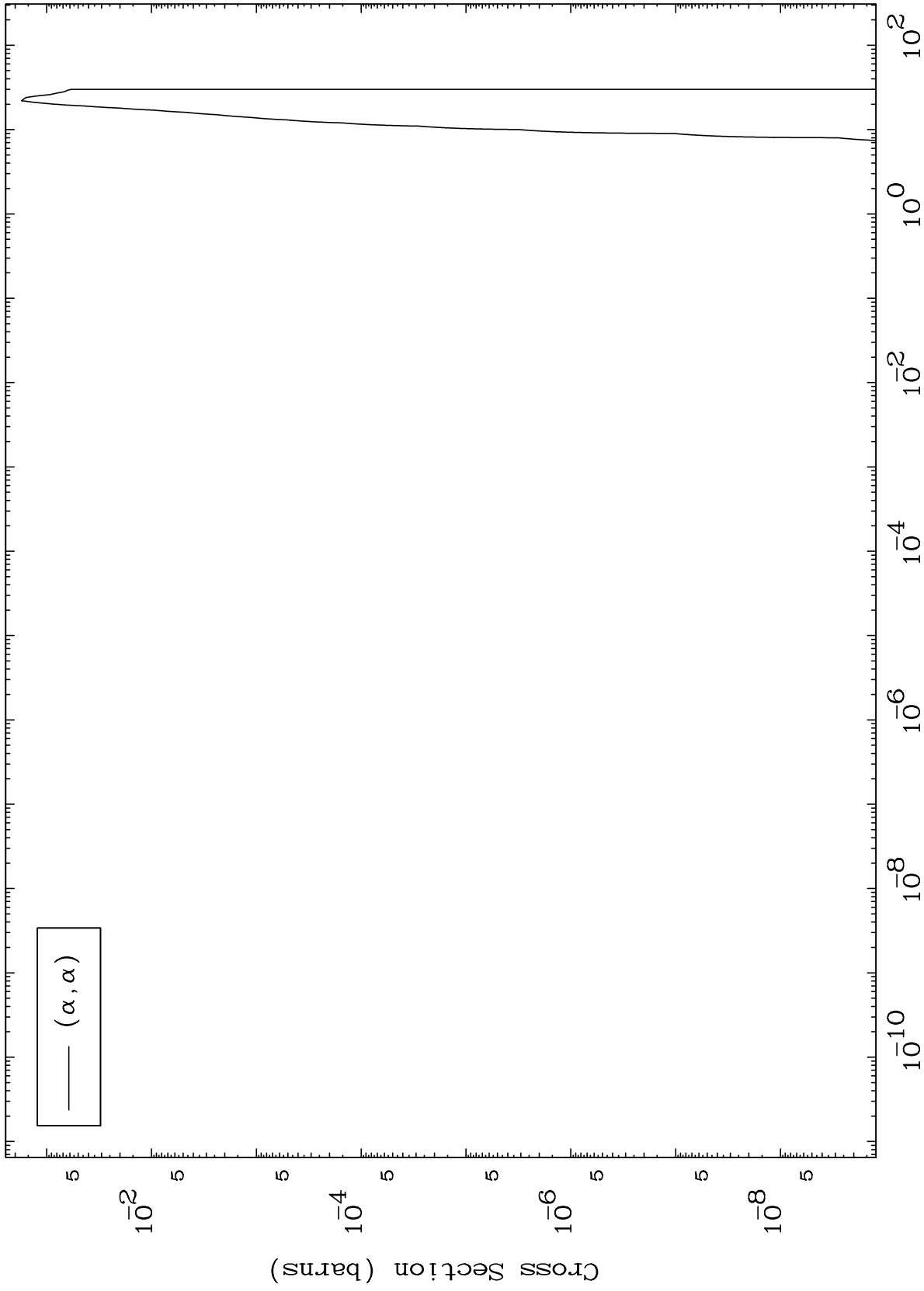
40-Zr-85



MAT 4011

(α, α) Levels
0 Kelvin Cross Sections

40-Zr-85



10

Incident Energy (MeV)

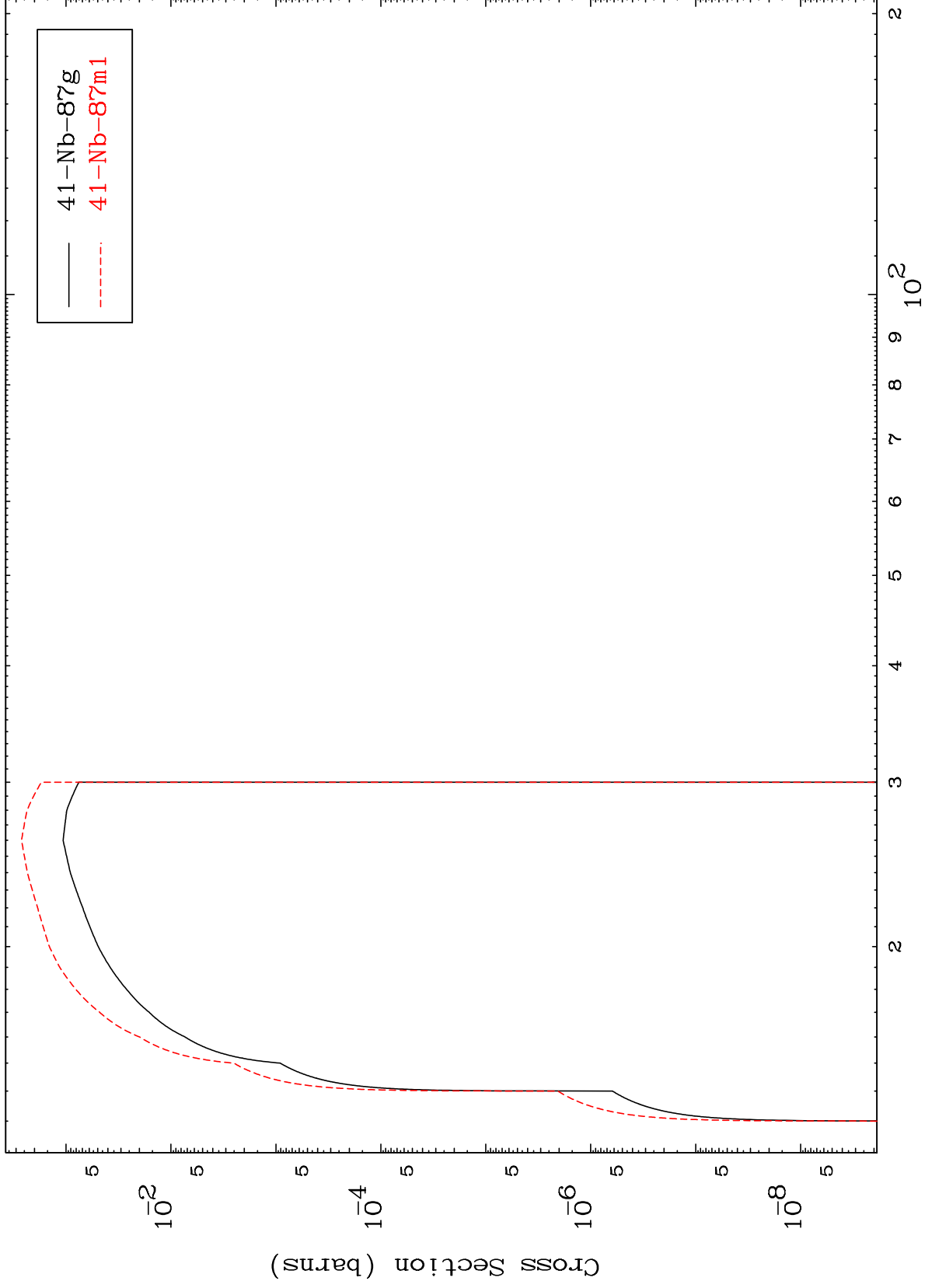
40-Zr-85

MAT 4011

(α, n') p

40-Zr-85

Radionuclide Production Cross Section



11

Incident Energy (MeV)

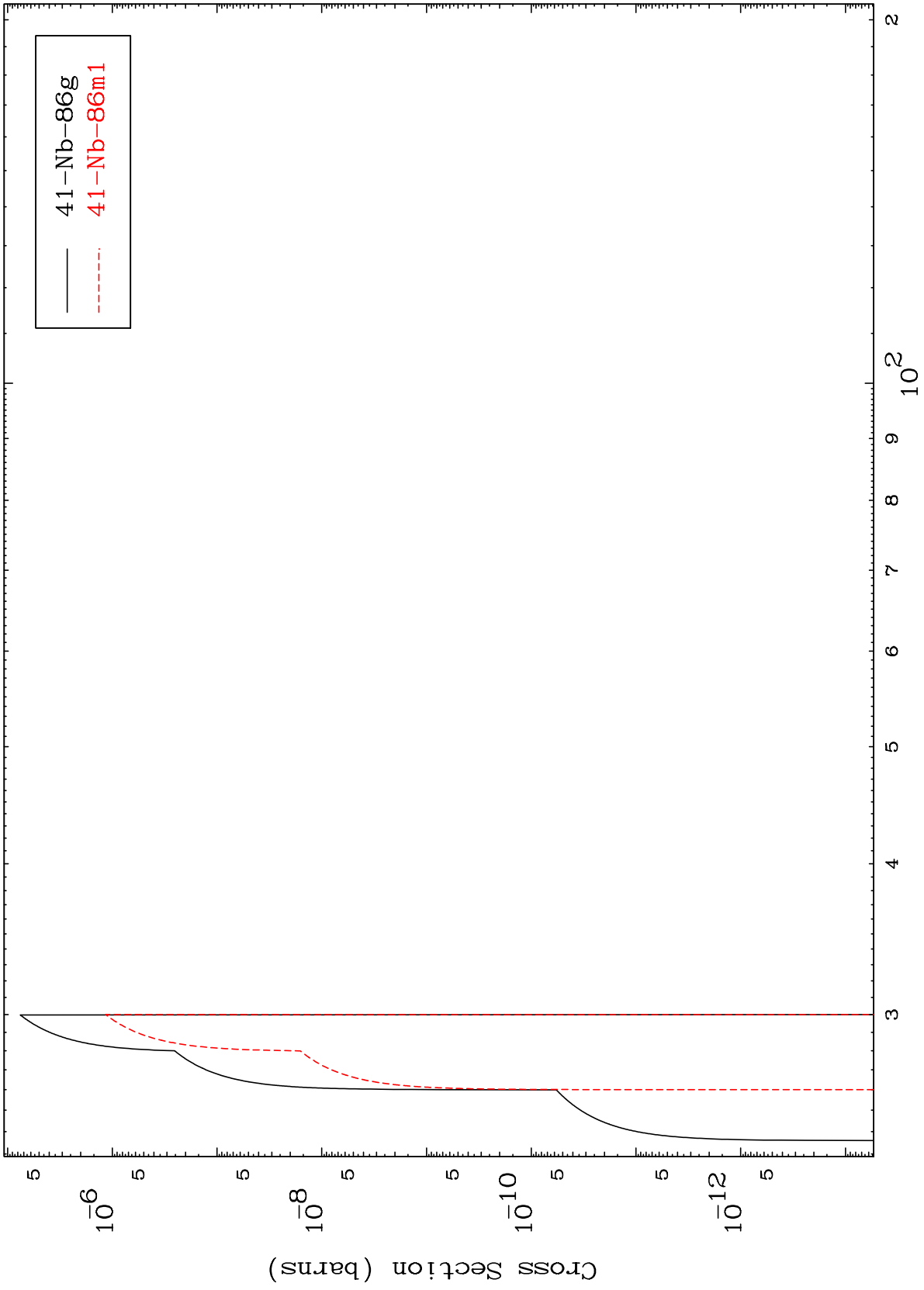
40-Zr-85

MAT 4011

(α, n') d

40-Zr-85

Radionuclide Production Cross Section



12

Incident Energy (MeV)

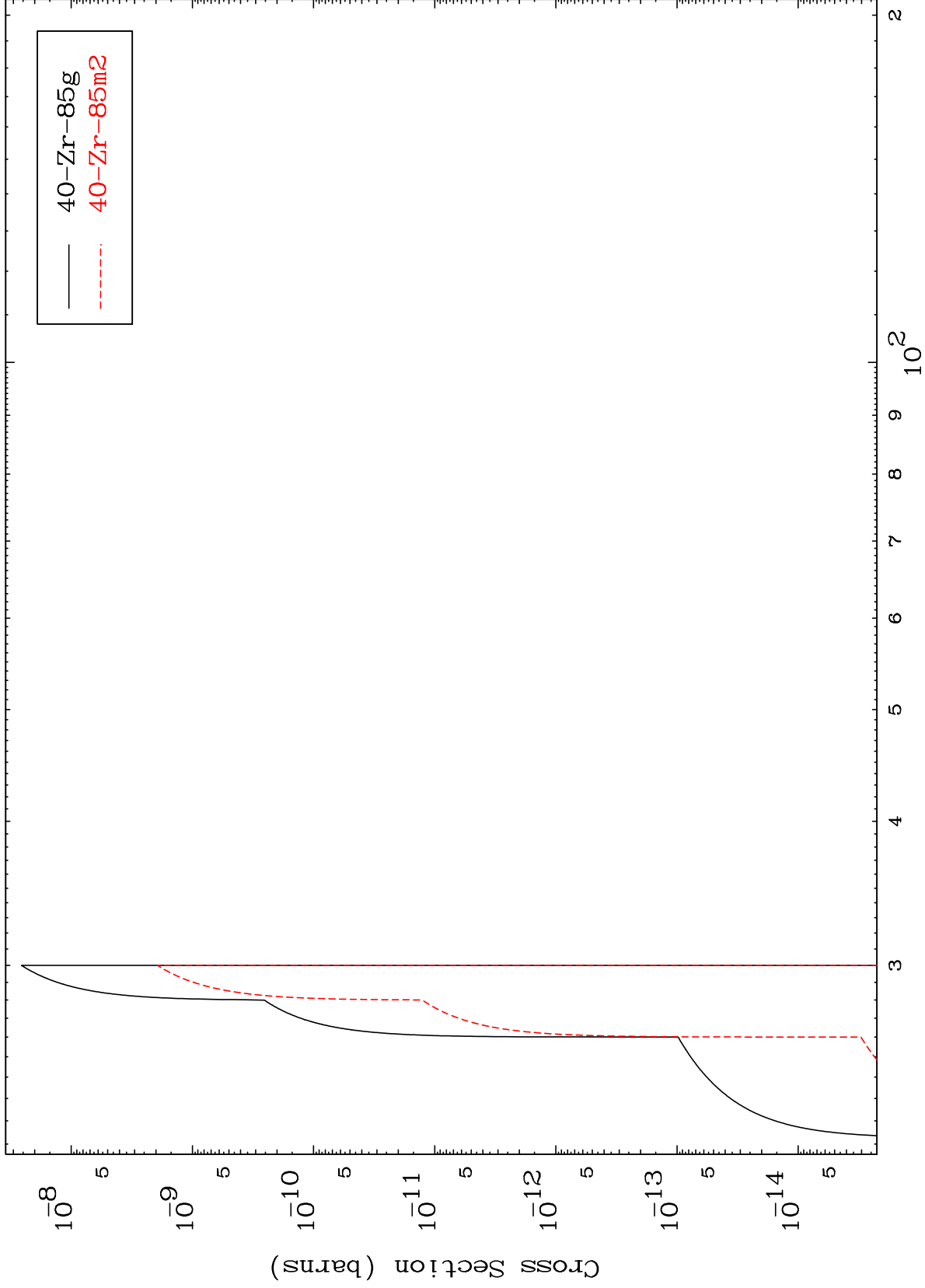
40-Zr-85

MAT 4011

(α, n') He-3

40-Zr-85

Radionuclide Production Cross Section



13

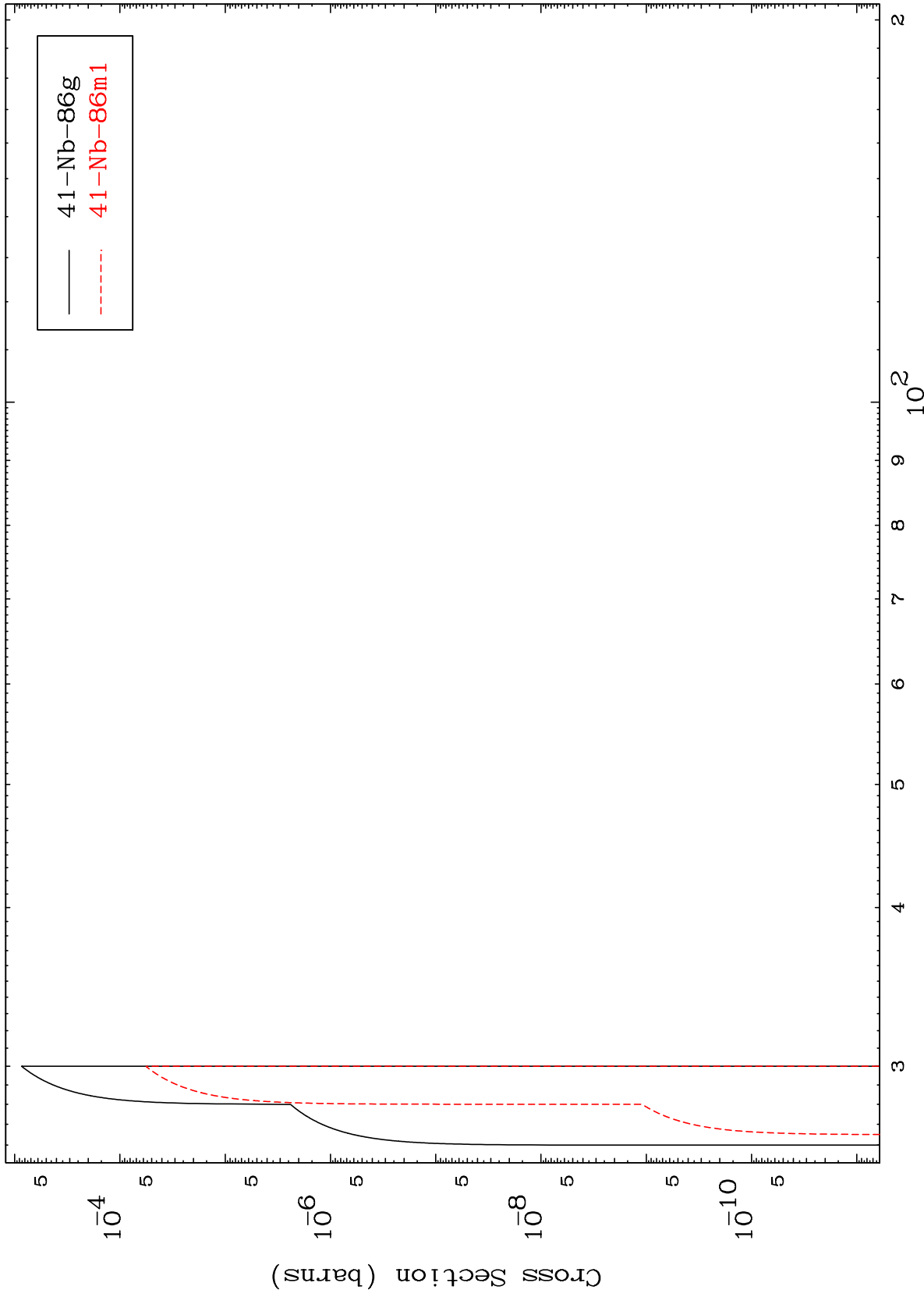
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

($\alpha, 2n$) p
Radionuclide Production Cross Section



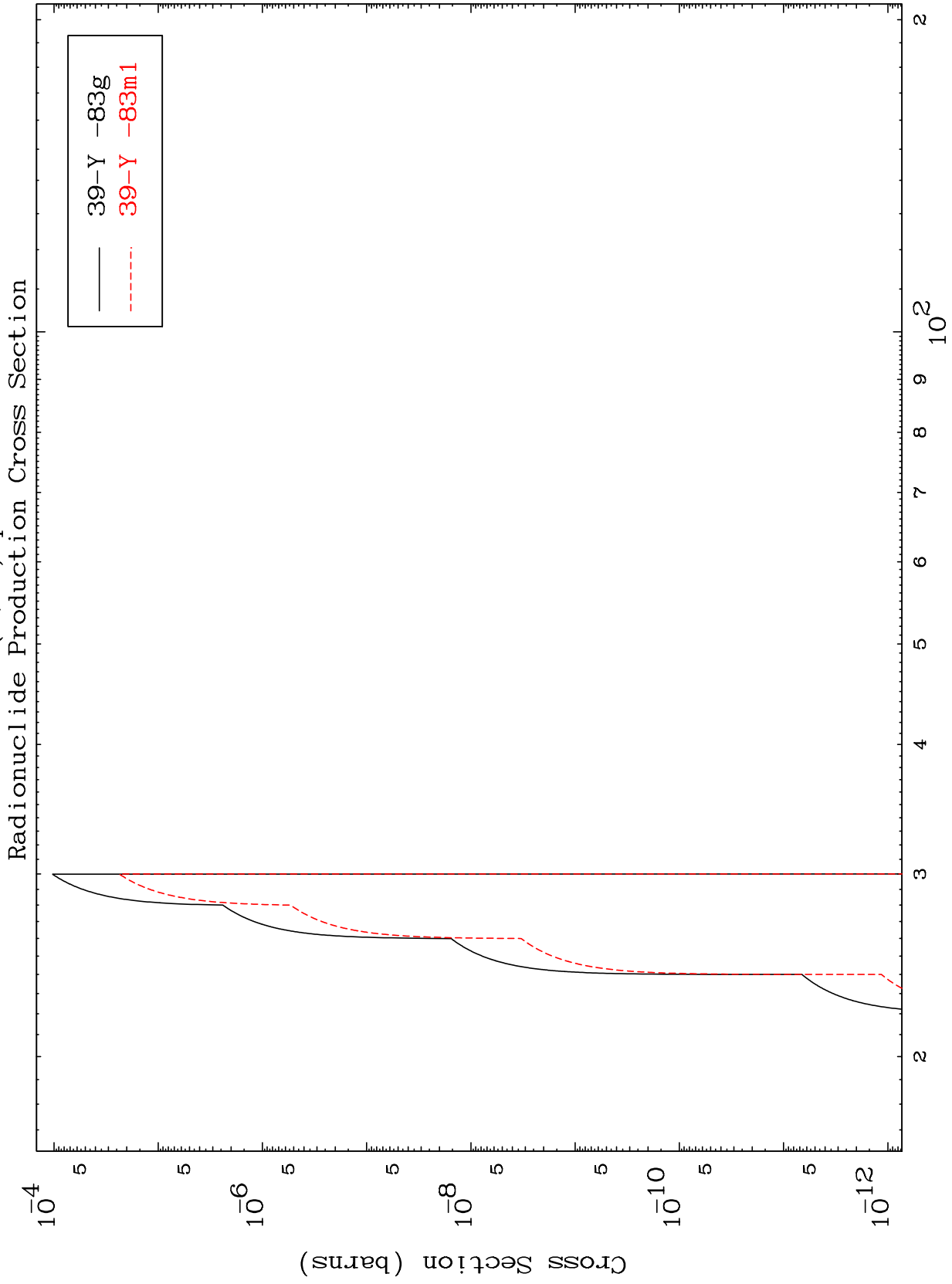
14

40-Zr-85

MAT 4011

(α, n') p α

40-Zr-85



15

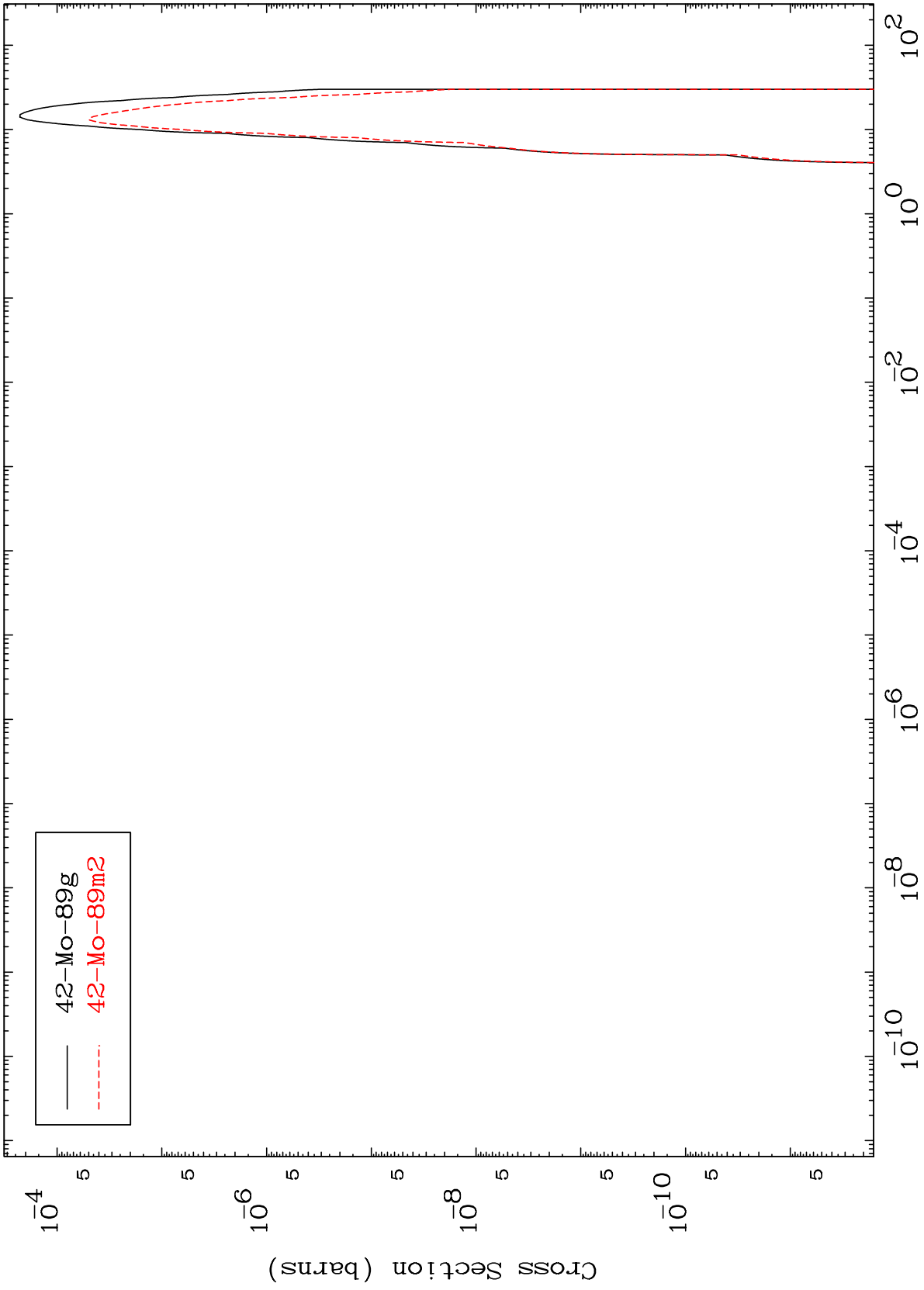
Incident Energy (MeV)

40-Zr-85

MAT 4011

Radionuclide Production Cross Section
(α, γ)

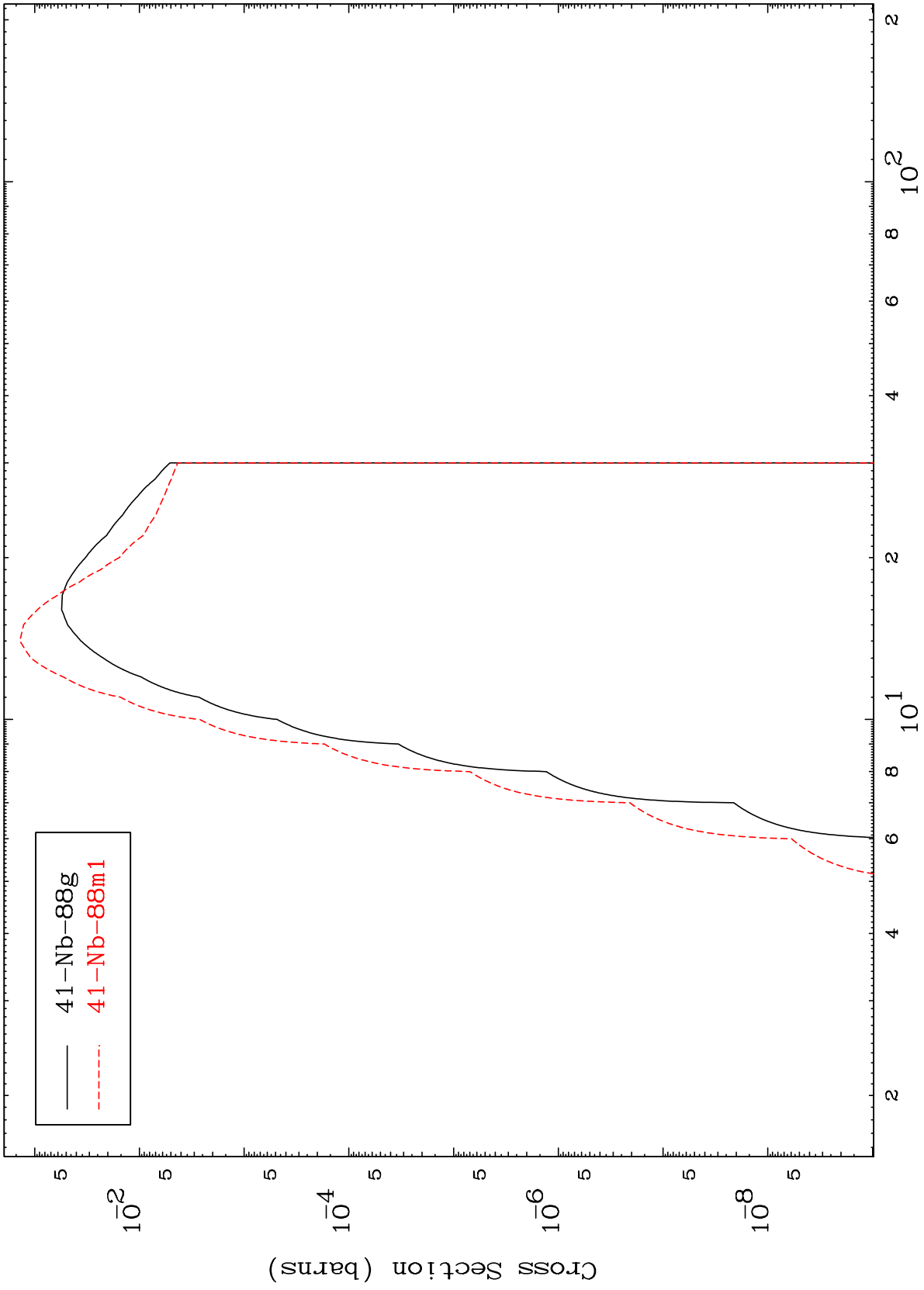
40-Zr-85



MAT 4011

40-Zr-85

Radionuclide Production Cross Section
(α, p)



17

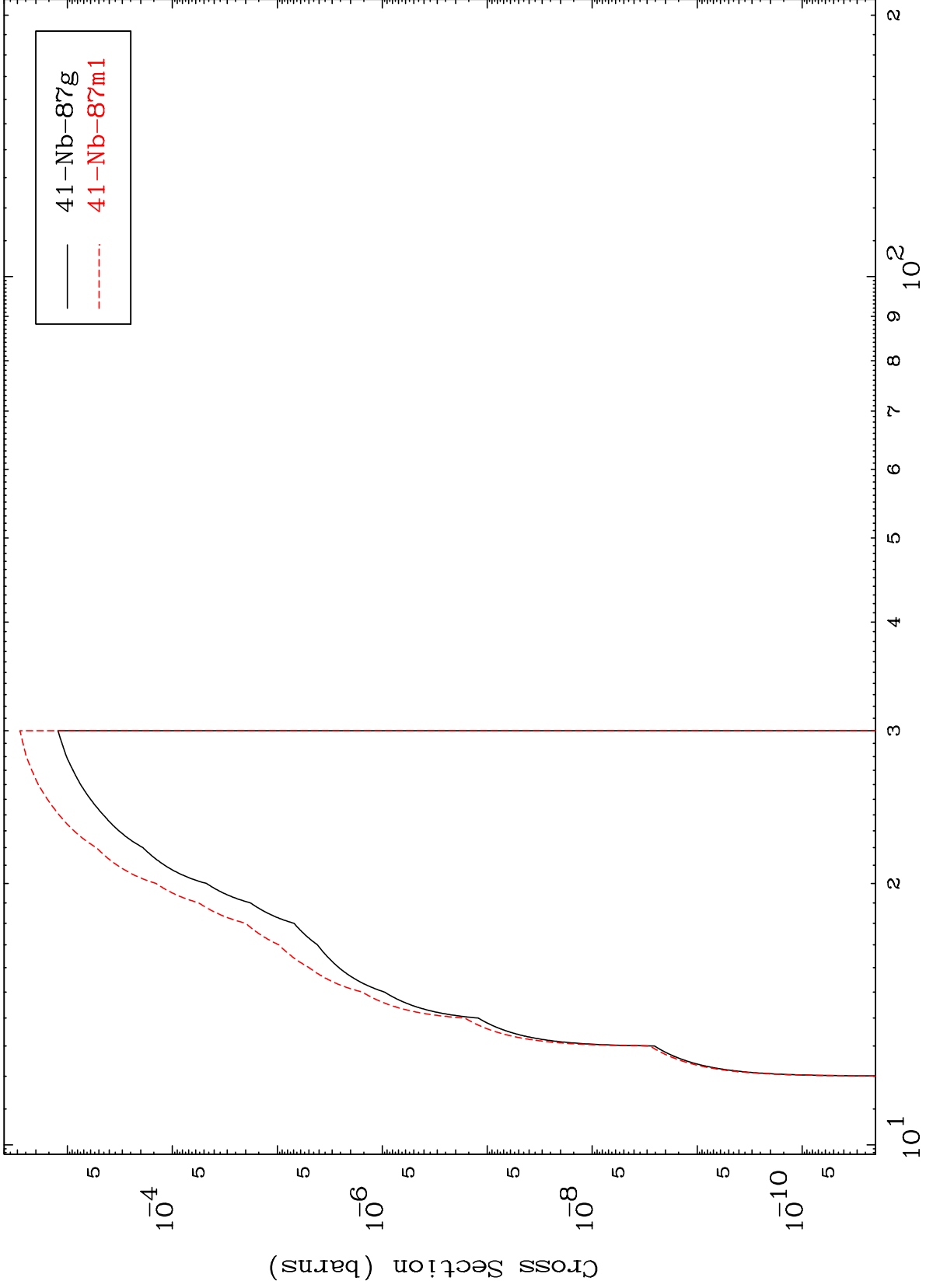
40-Zr-85

MAT 4011

(α, d)

40-Zr-85

Radionuclide Production Cross Section



18

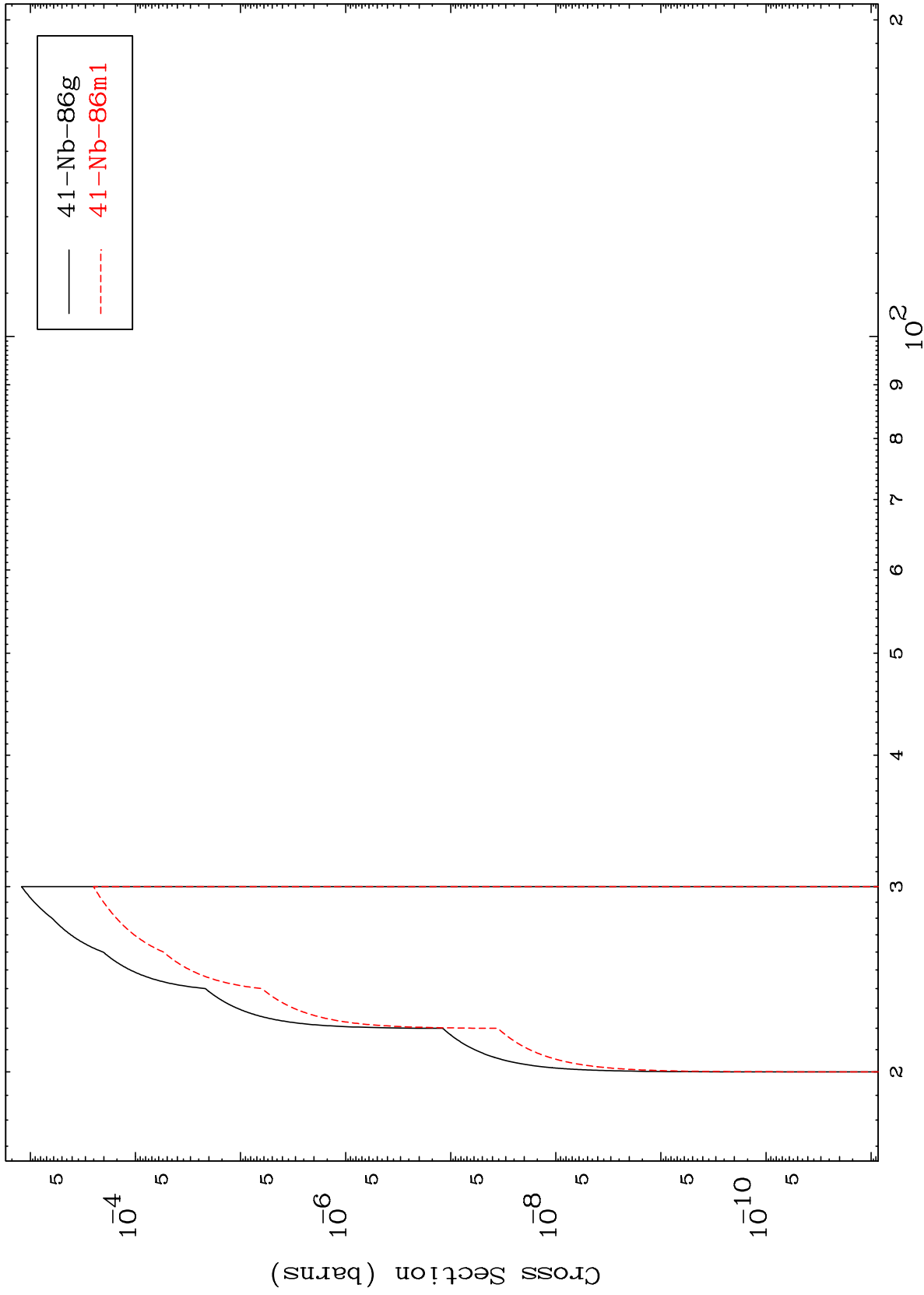
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

(α, t)
Radionuclide Production Cross Section



19

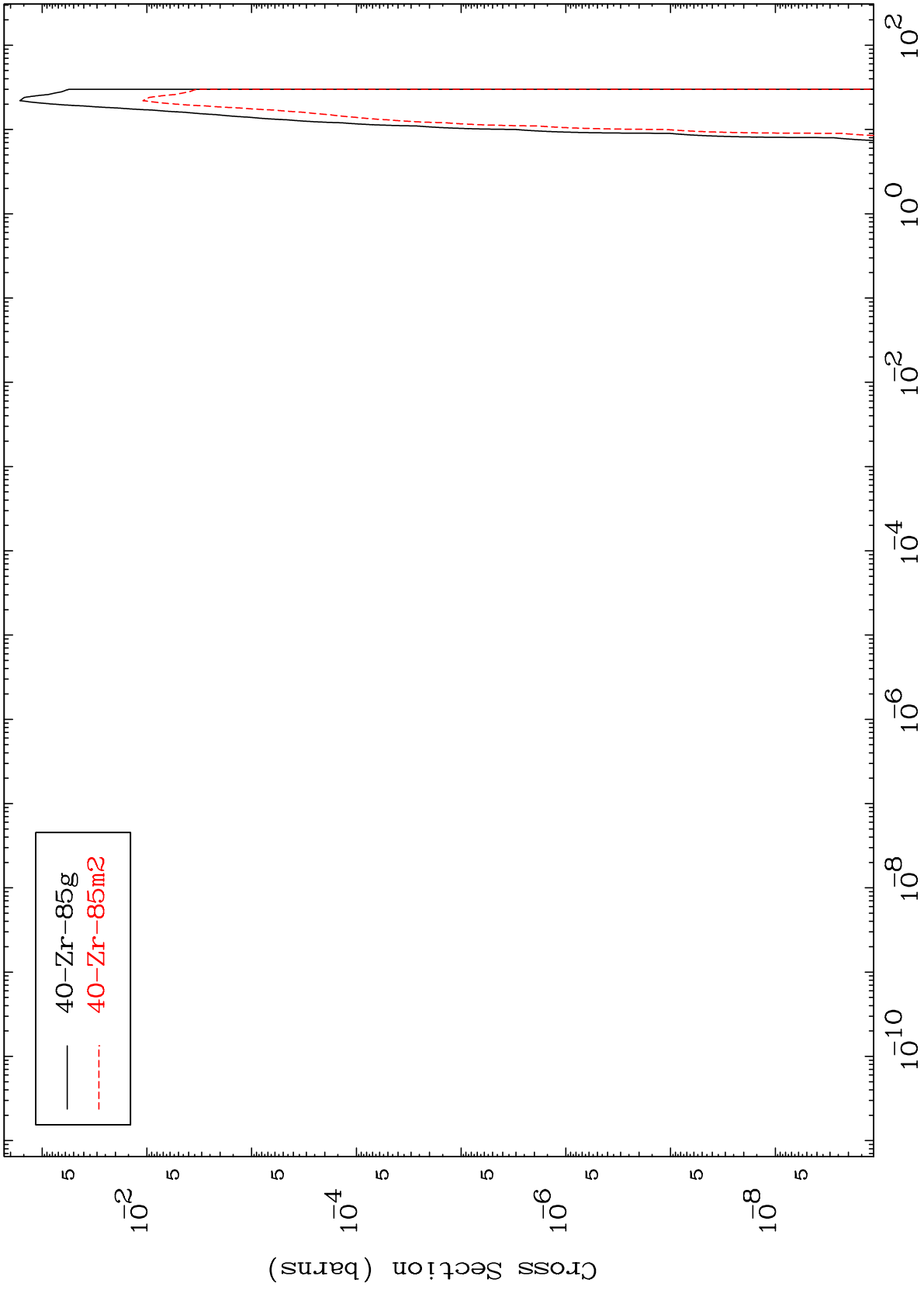
Incident Energy (MeV)

40-Zr-85

MAT 4011

Radionuclide Production Cross Section
(α, α)

40-Zr-85



20

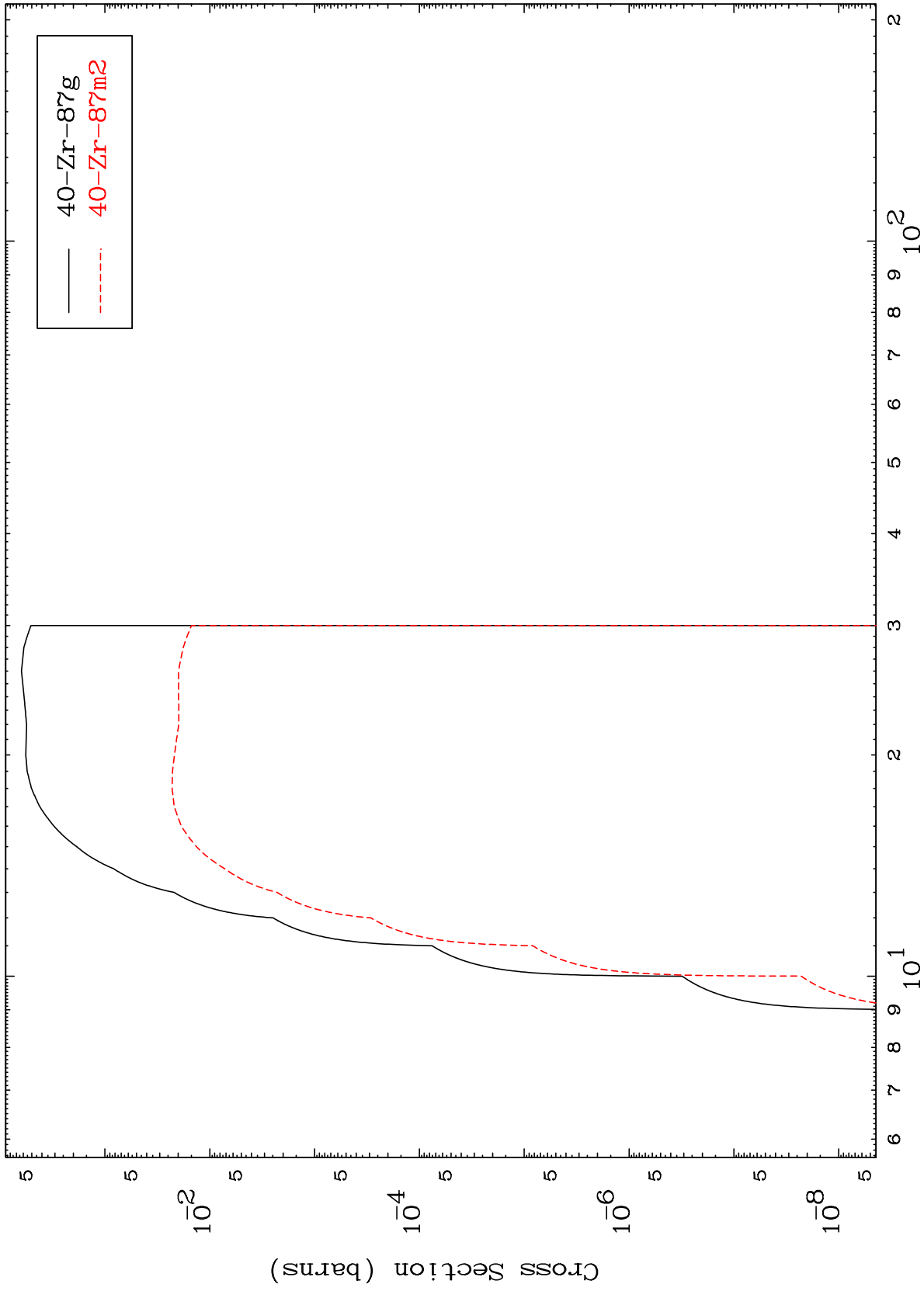
Incident Energy (MeV)

40-Zr-85

MAT 4011

40-Zr-85

($\alpha, 2p$)
Radionuclide Production Cross Section



21

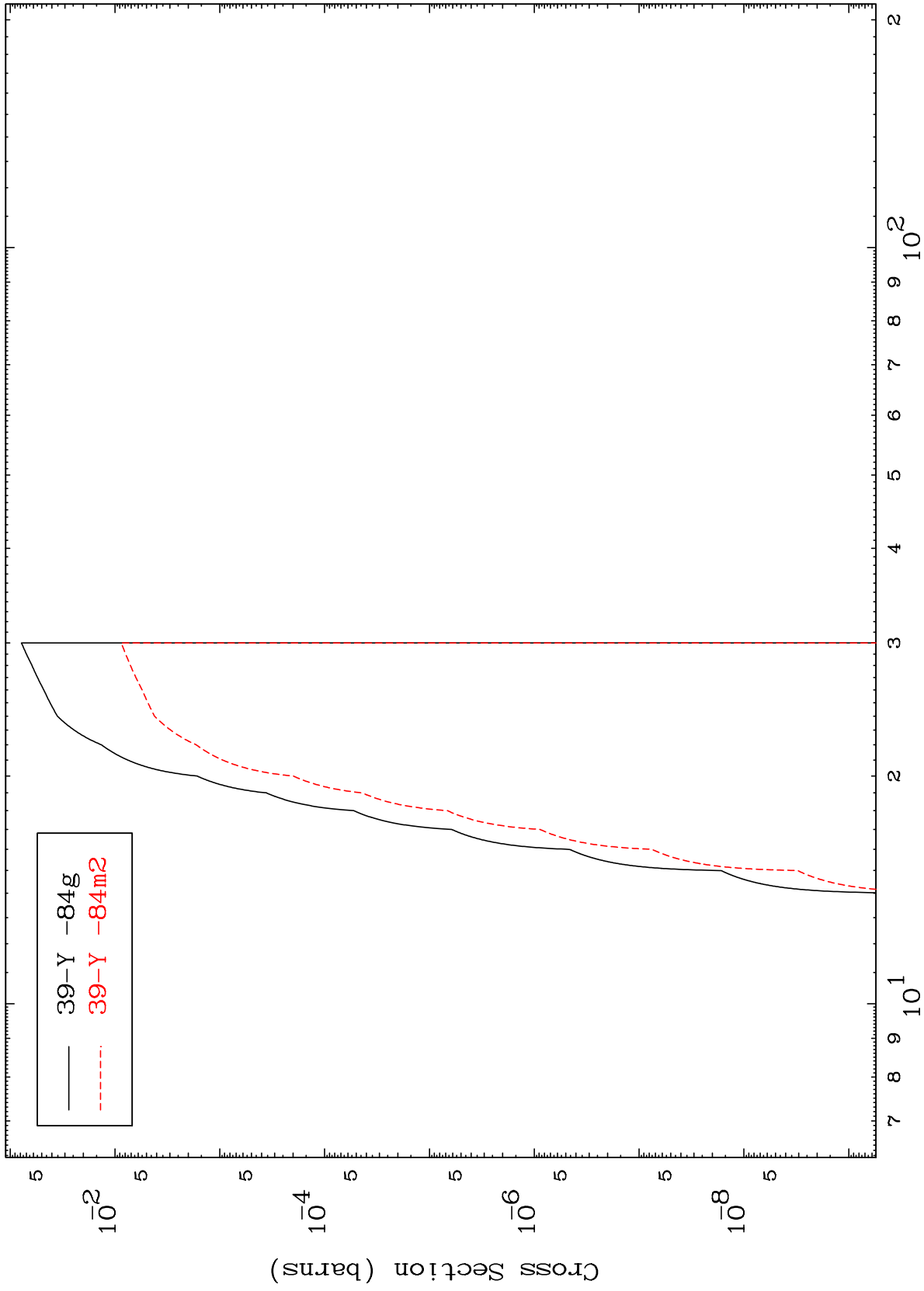
40-Zr-85

MAT 4011

(α, p) α

40-Zr-85

Radionuclide Production Cross Section



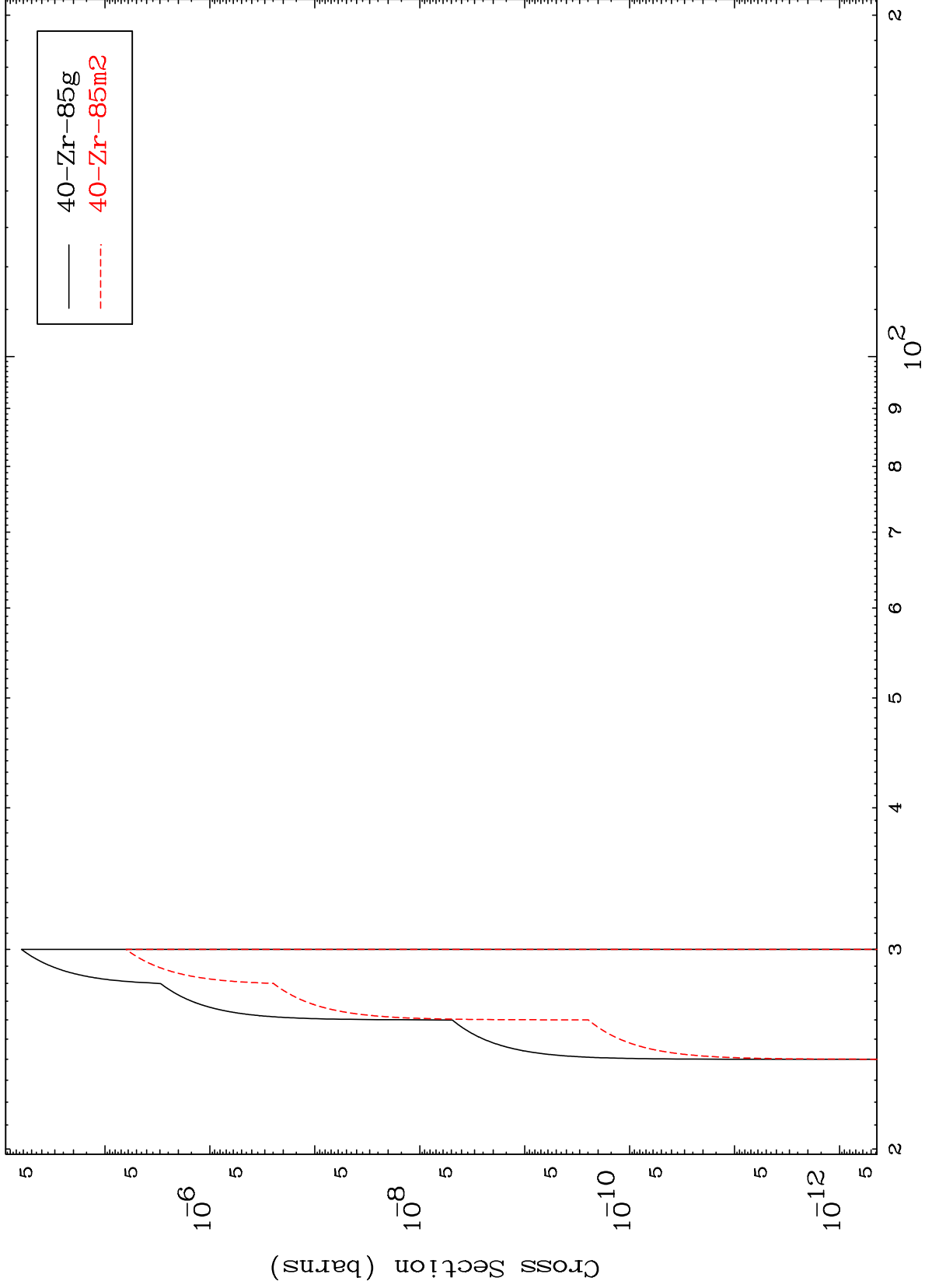
22

MAT 4011

(α, p) t

40-Zr-85

Radionuclide Production Cross Section



23

Incident Energy (MeV)

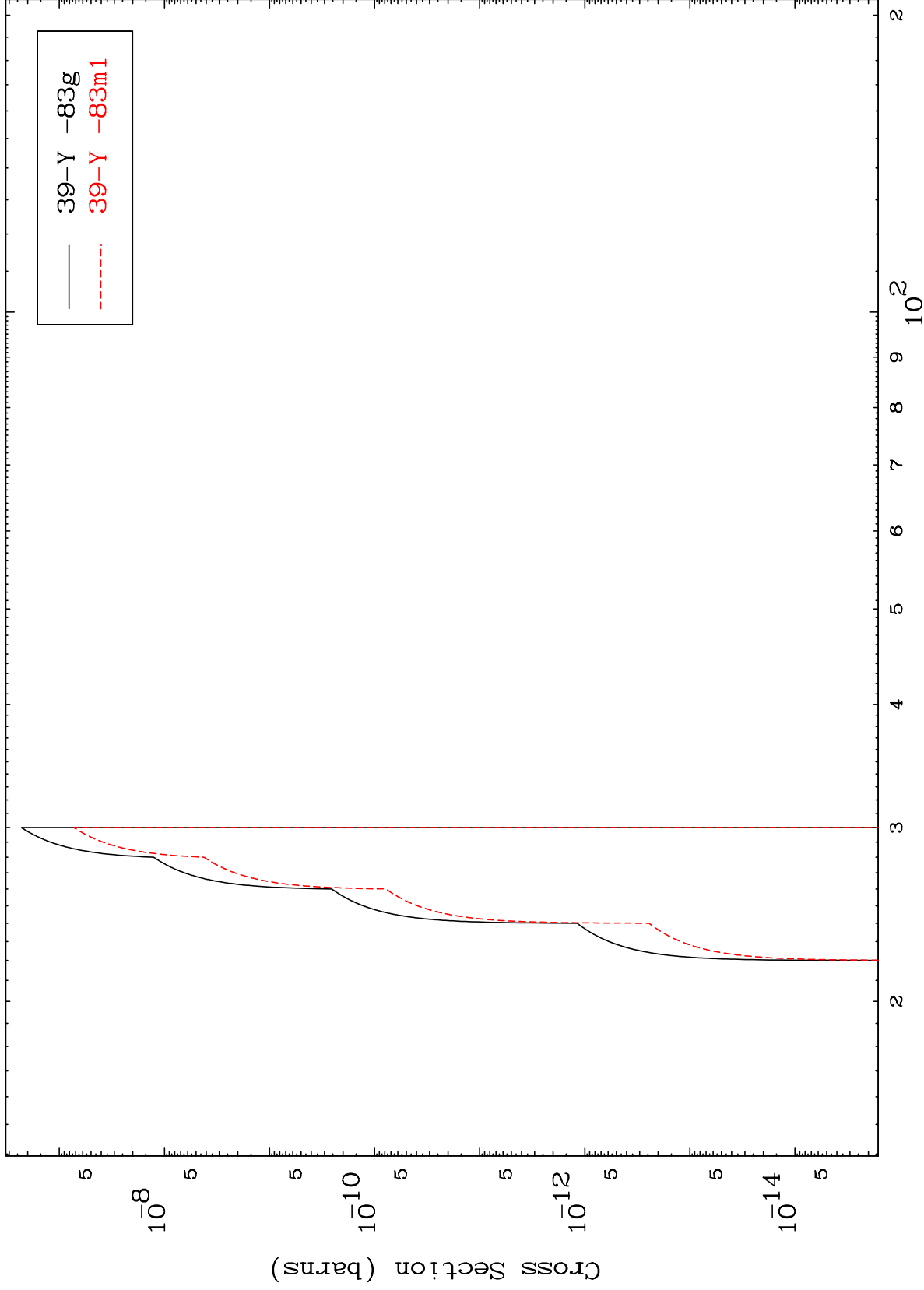
40-Zr-85

MAT 4011

(α, d) α

40-Zr-85

Radionuclide Production Cross Section



24

Incident Energy (MeV)

40-Zr-85