

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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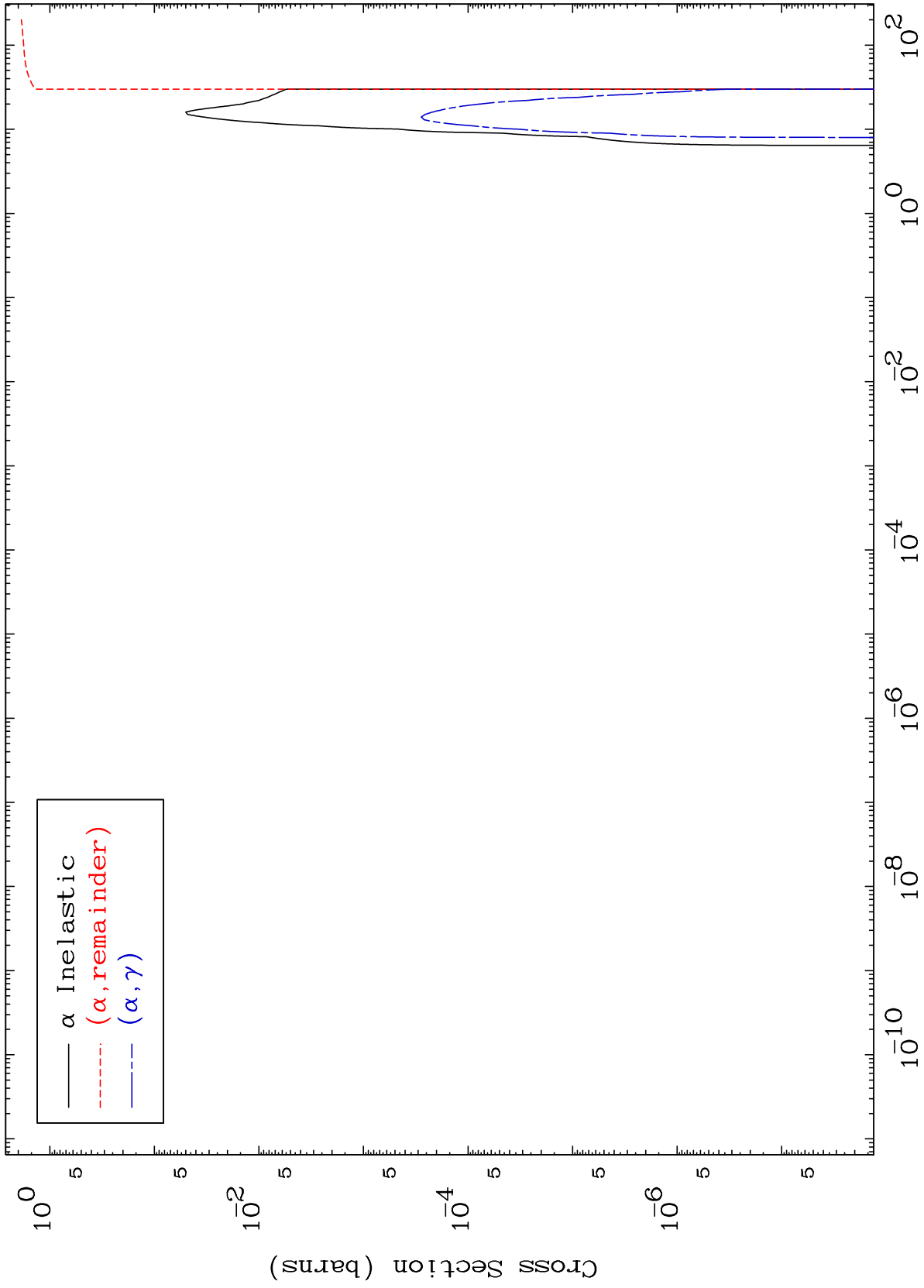
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4010

0 Kelvin α Major
Cross Sections

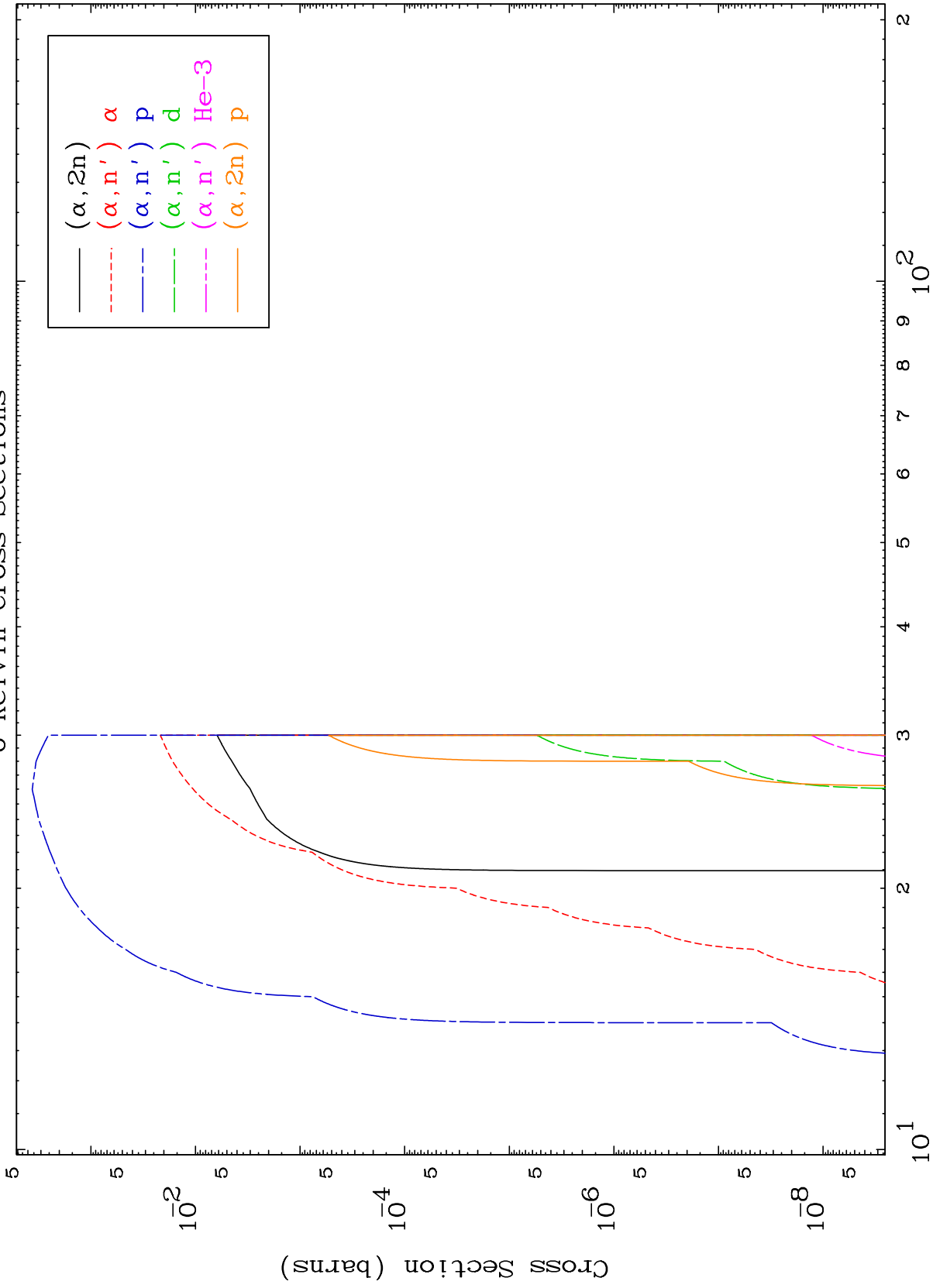
40-Zr-85



MAT 4010

α Neutron Production
0 Kelvin Cross Sections

40-Zr-85



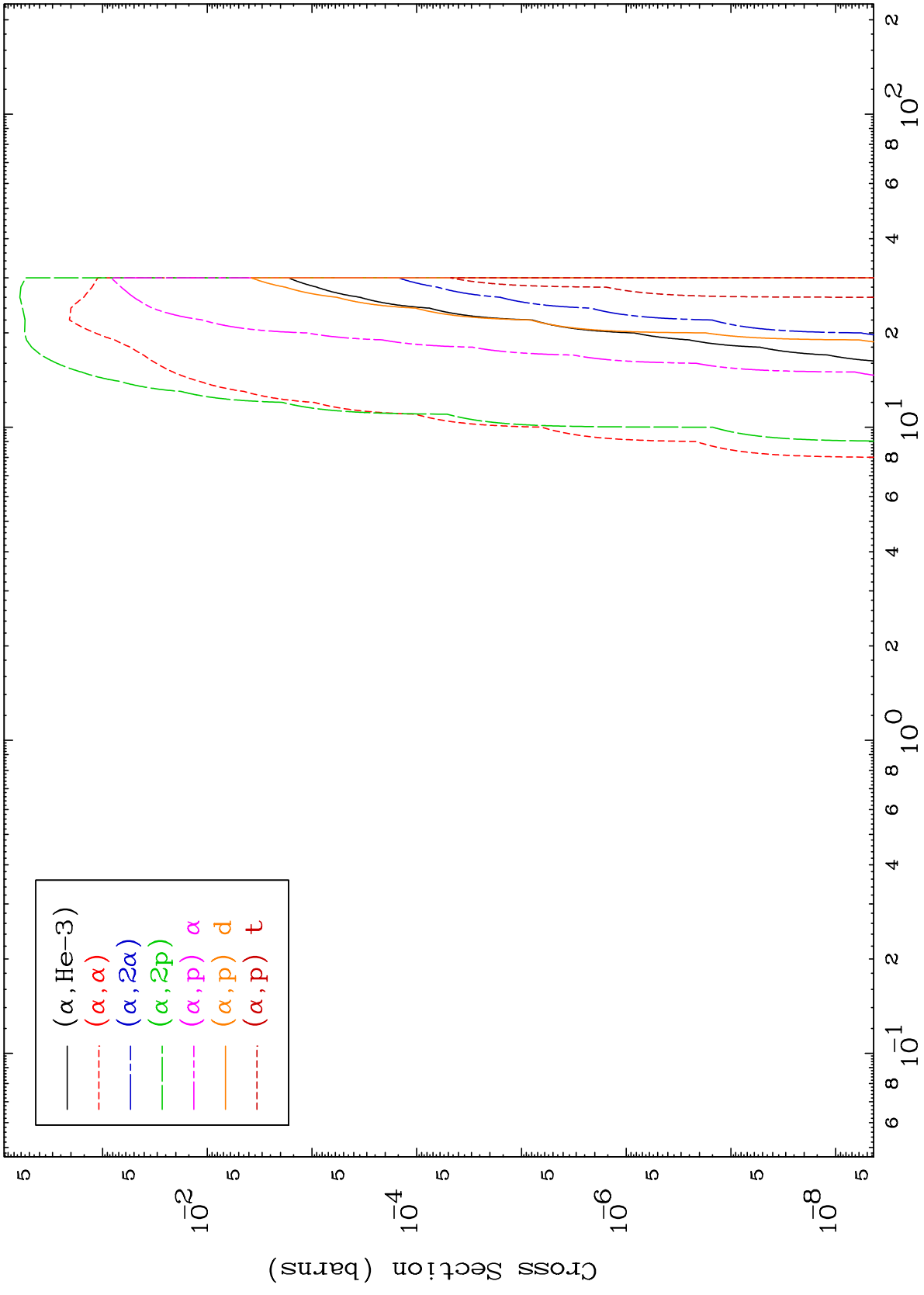
Incident Energy (MeV)

40-Zr-85

MAT 4010

α Charged Particle
0 Kelvin Cross Sections

40-Zr-85

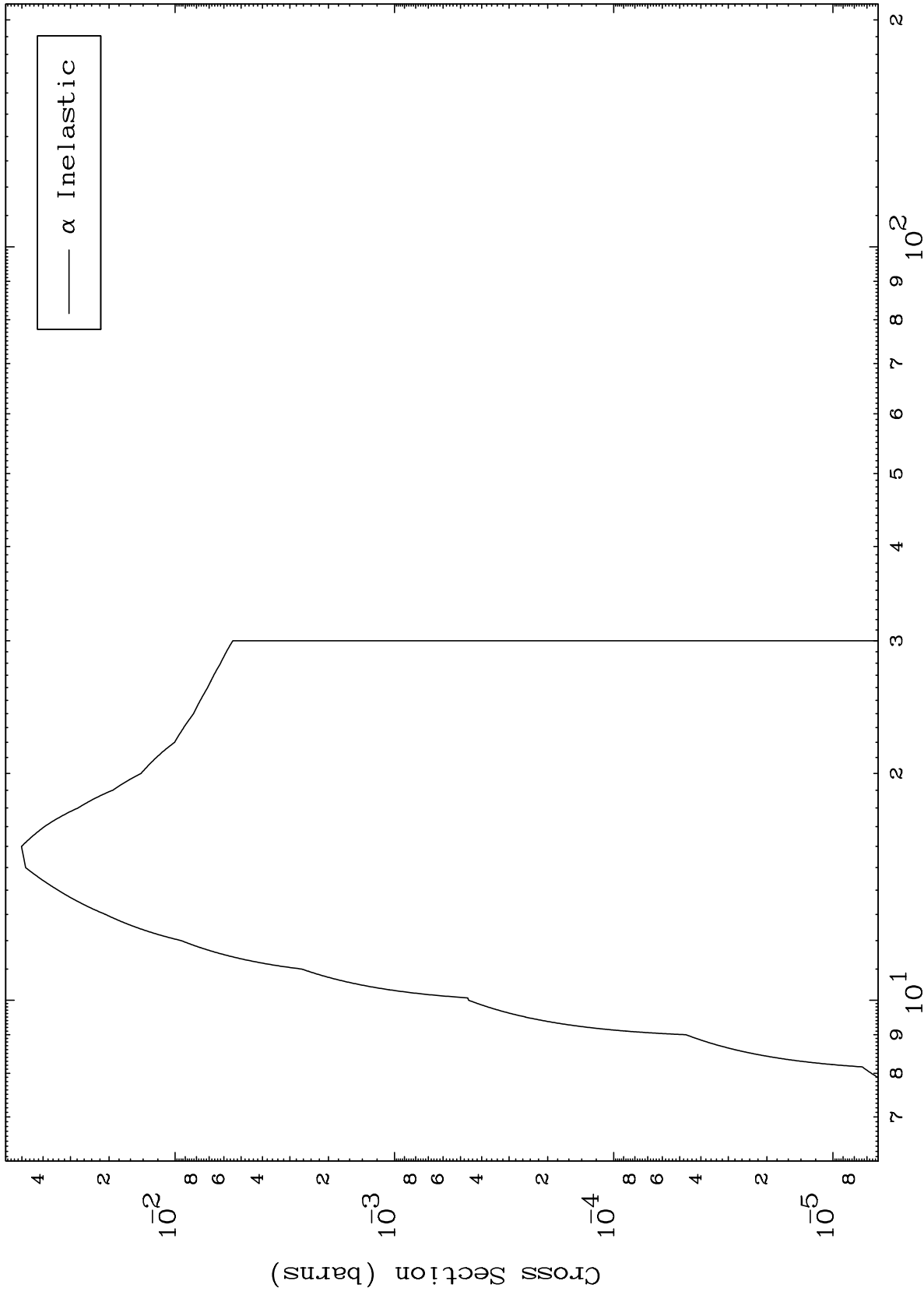


40-Zr-85

MAT 4010

(α, n') Level
0 Kelvin Cross Sections

40-Zr-85



5

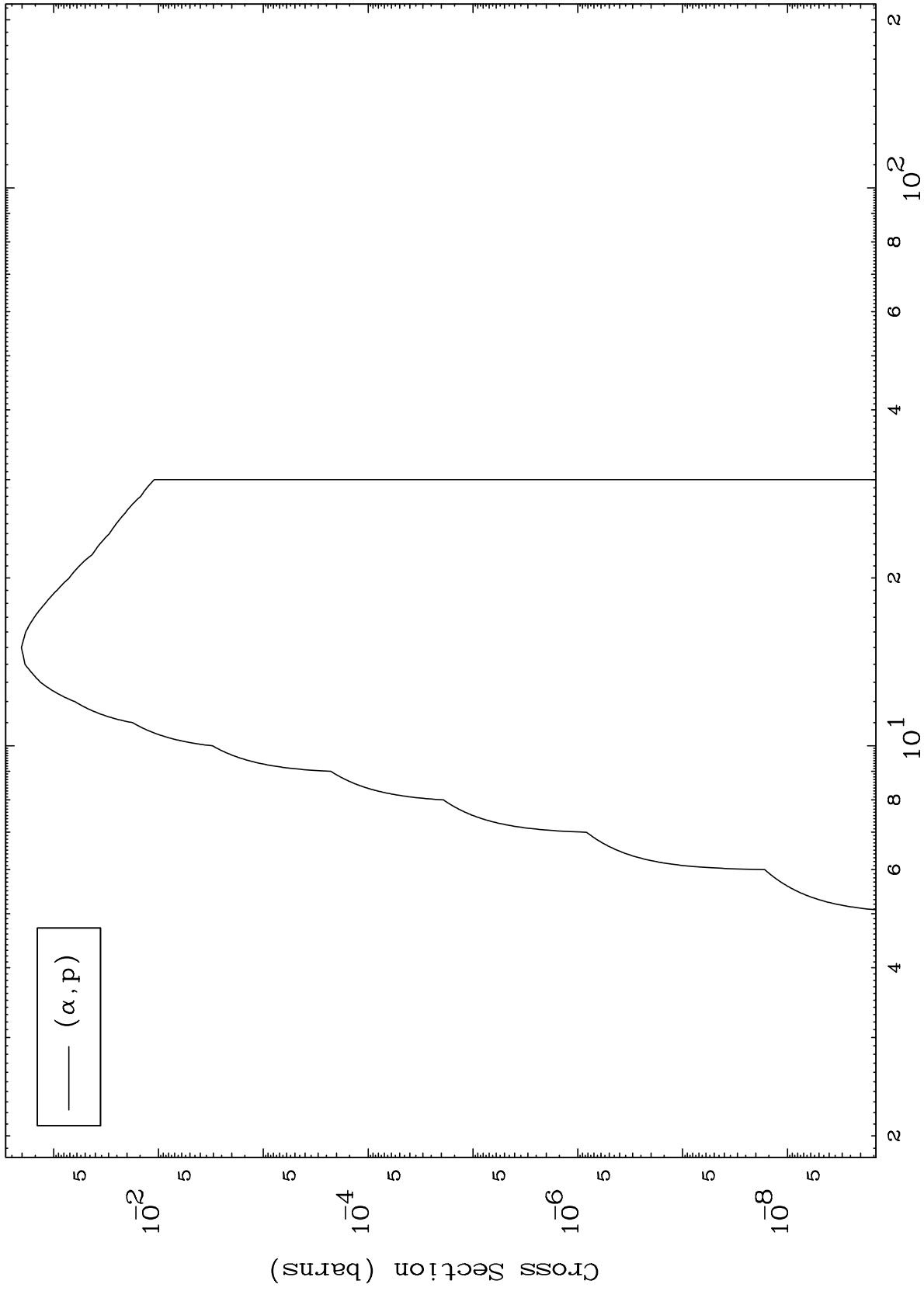
Incident Energy (MeV)

40-Zr-85

MAT 4010

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-85



6

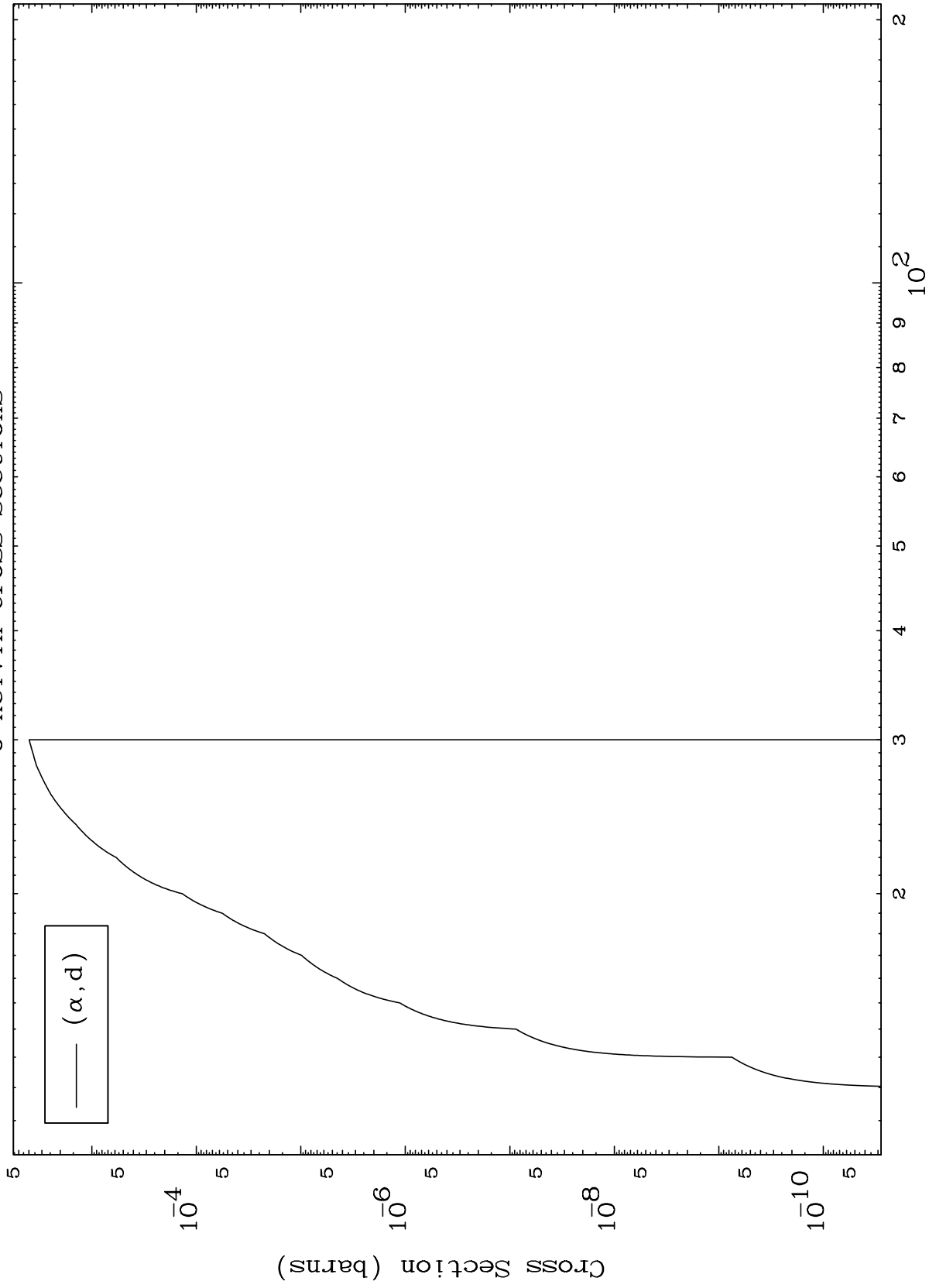
Incident Energy (MeV)

40-Zr-85

MAT 4010

(α, d) Levels
0 Kelvin Cross Sections

40-Zr-85



7

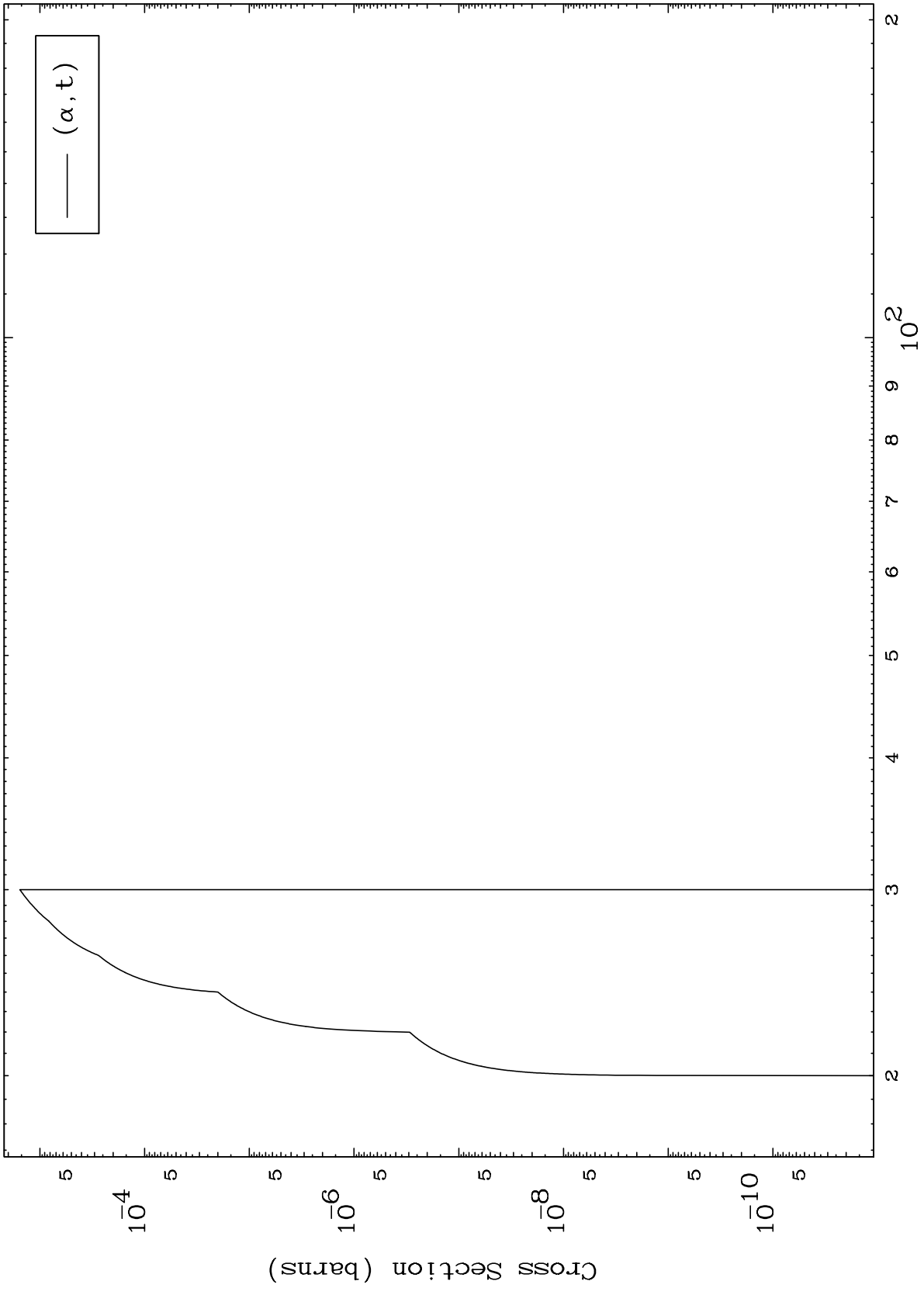
Incident Energy (MeV)

40-Zr-85

MAT 4010

(α, t) Levels
0 Kelvin Cross Sections

40-Zr-85



8

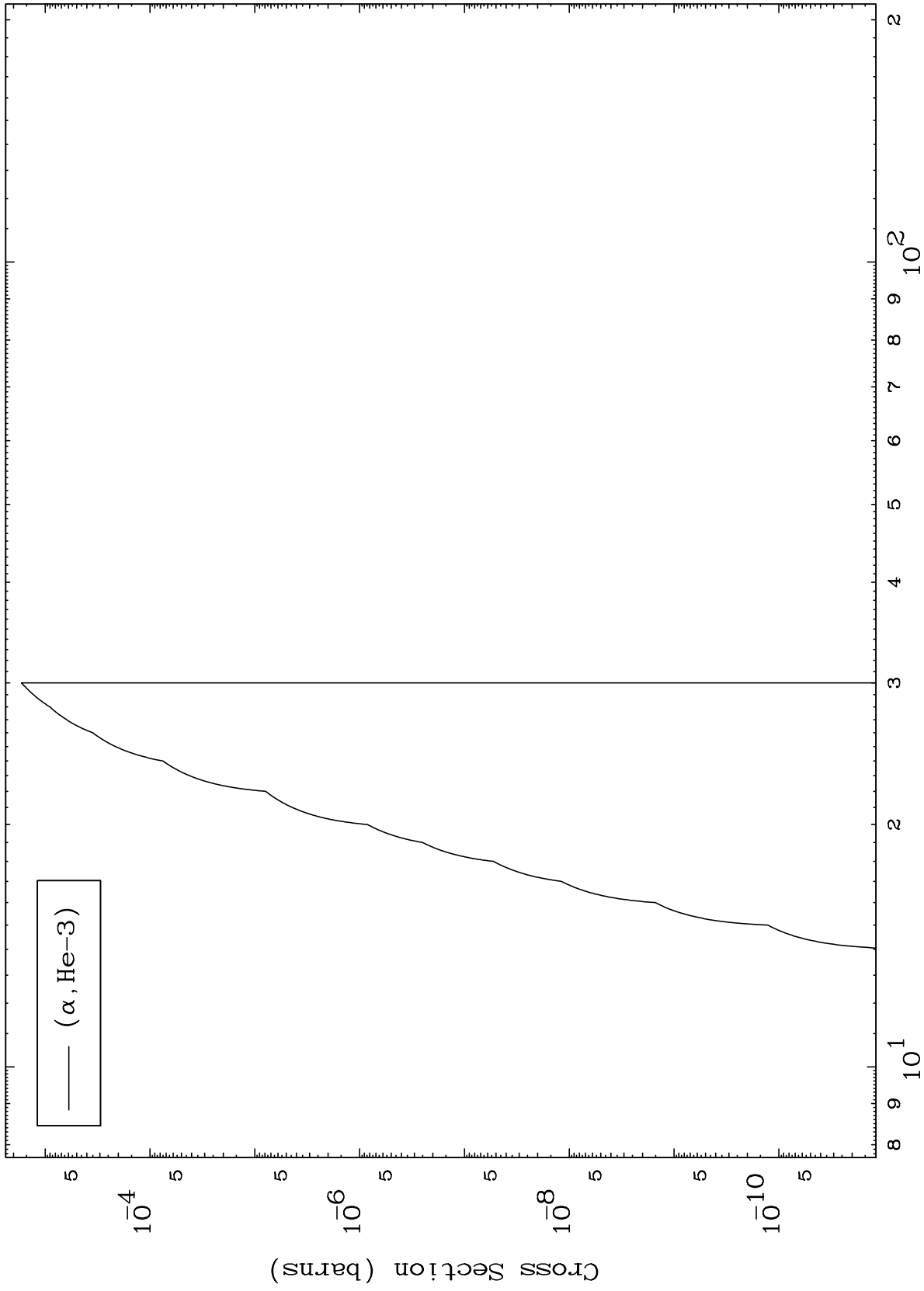
Incident Energy (MeV)

40-Zr-85

MAT 4010

(α ,He3) Levels
0 Kelvin Cross Sections

40-Zr-85



9

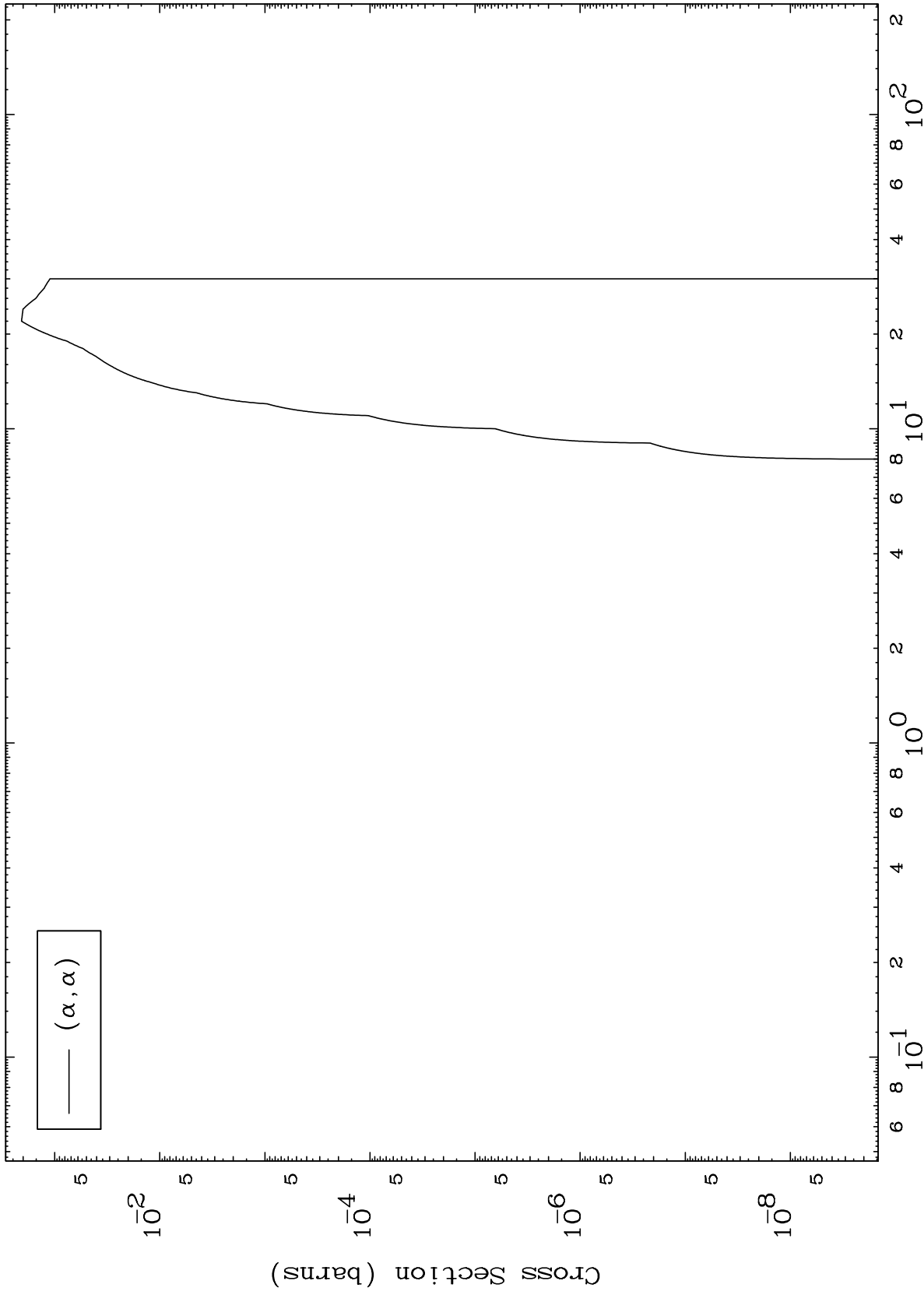
Incident Energy (MeV)

40-Zr-85

MAT 4010

(α, α) Levels
0 Kelvin Cross Sections

40-Zr-85



10

Incident Energy (MeV)

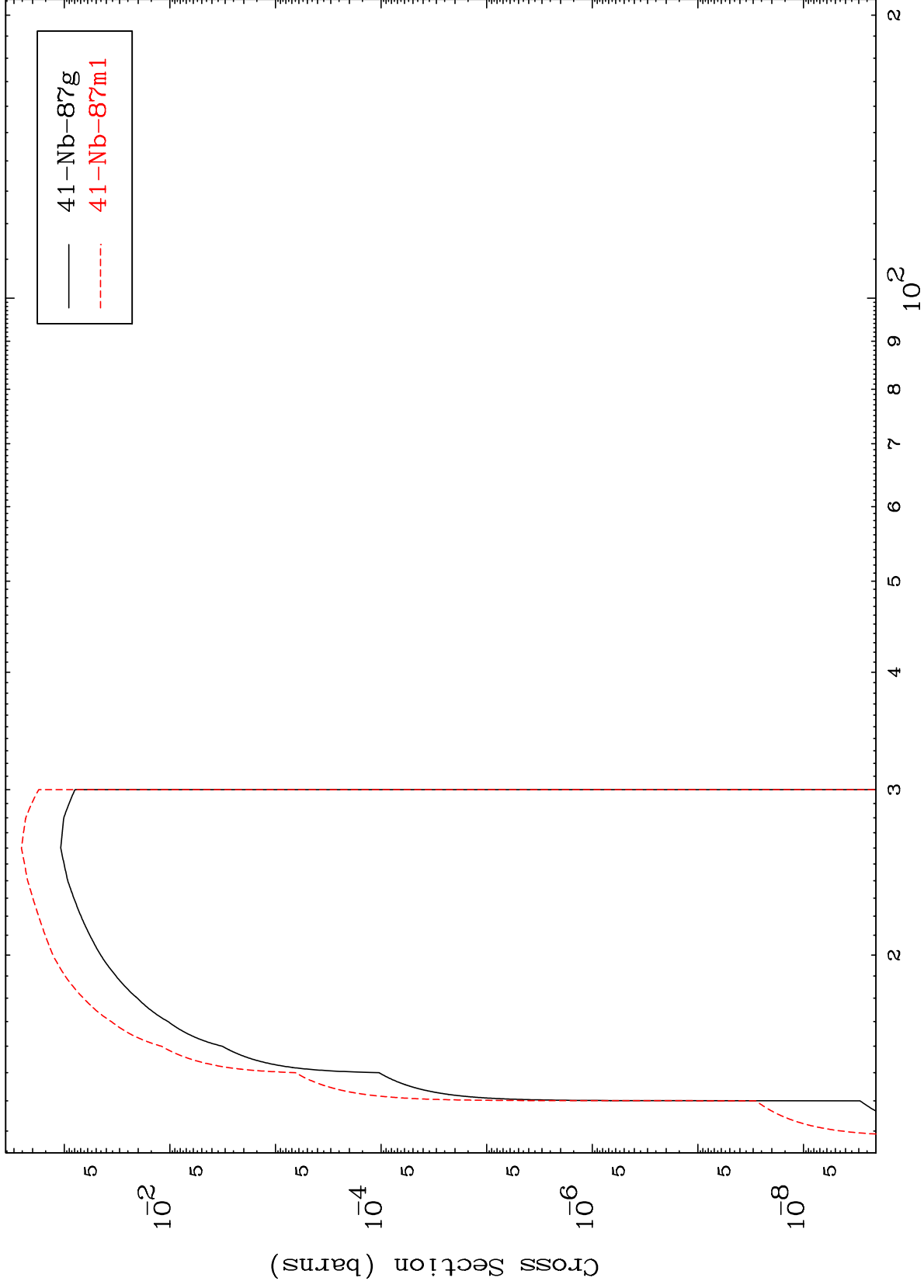
40-Zr-85

MAT 4010

(α, n') p

40-Zr-85

Radionuclide Production Cross Section



11

Incident Energy (MeV)

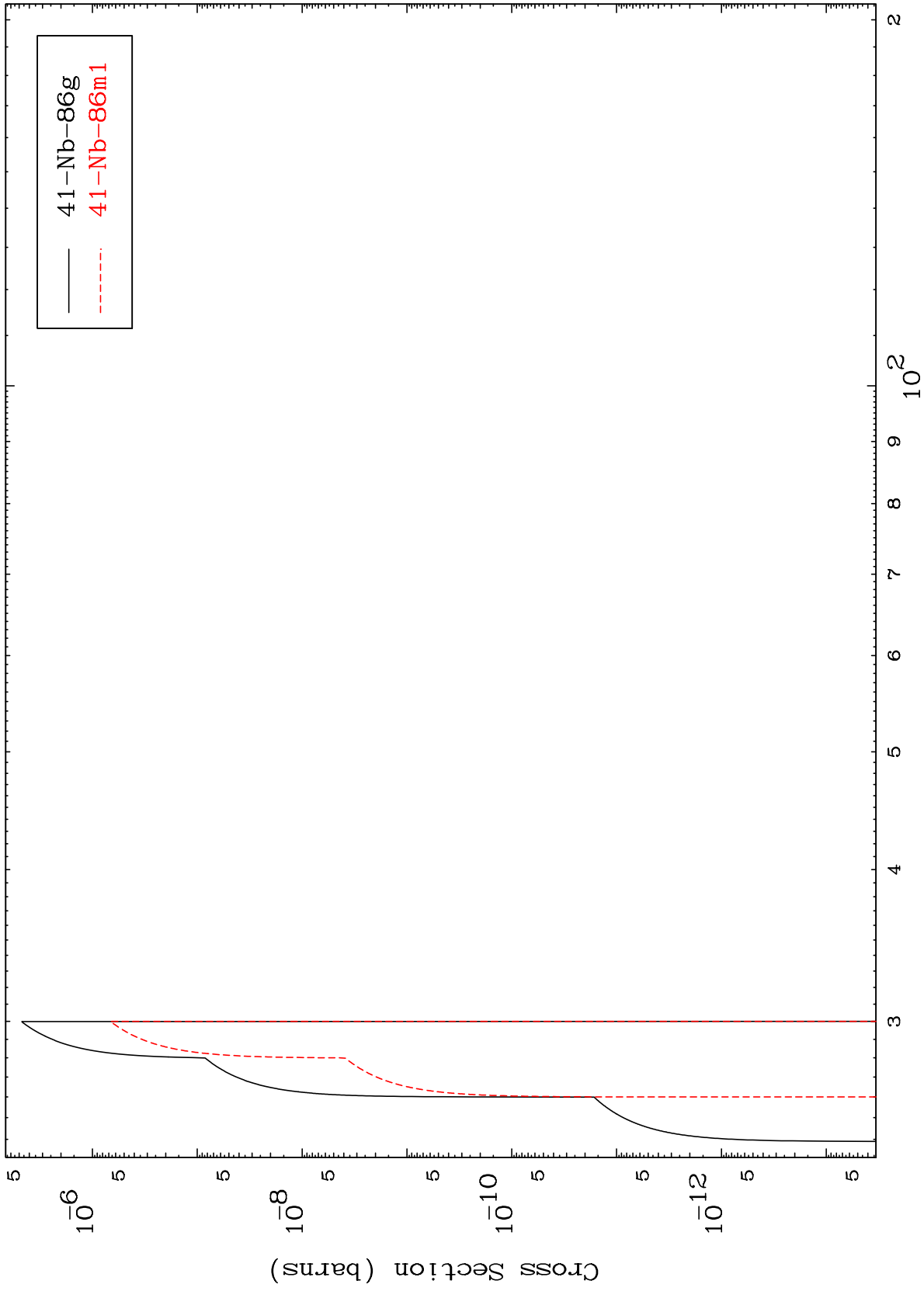
40-Zr-85

MAT 4010

(α, n') d

40-Zr-85

Radionuclide Production Cross Section



12

Incident Energy (MeV)

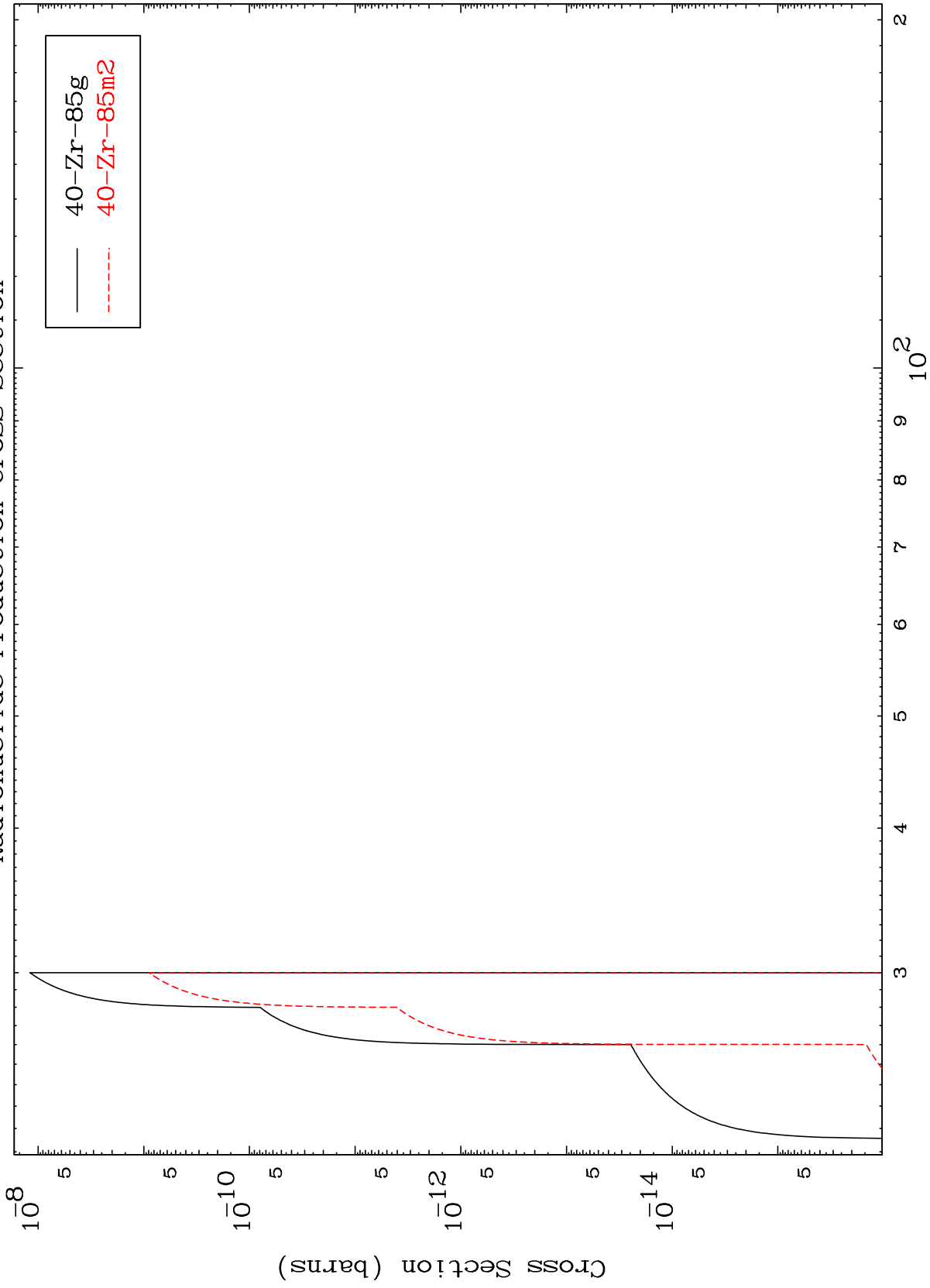
40-Zr-85

MAT 4010

(α, n') He-3

40-Zr-85

Radionuclide Production Cross Section



13

Incident Energy (MeV)

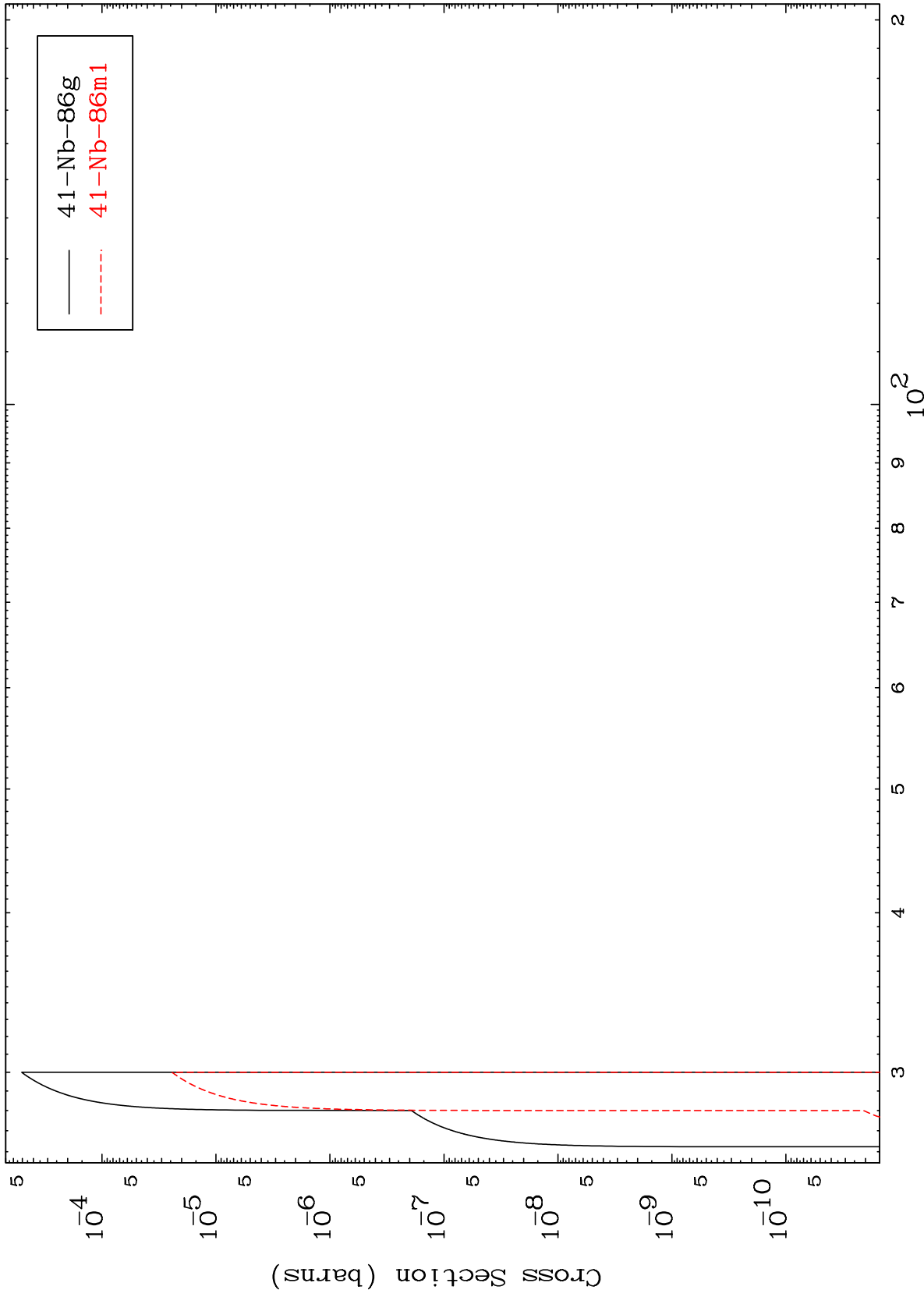
40-Zr-85

MAT 4010

($\alpha, 2n$) p

40-Zr-85

Radionuclide Production Cross Section



14

Incident Energy (MeV)

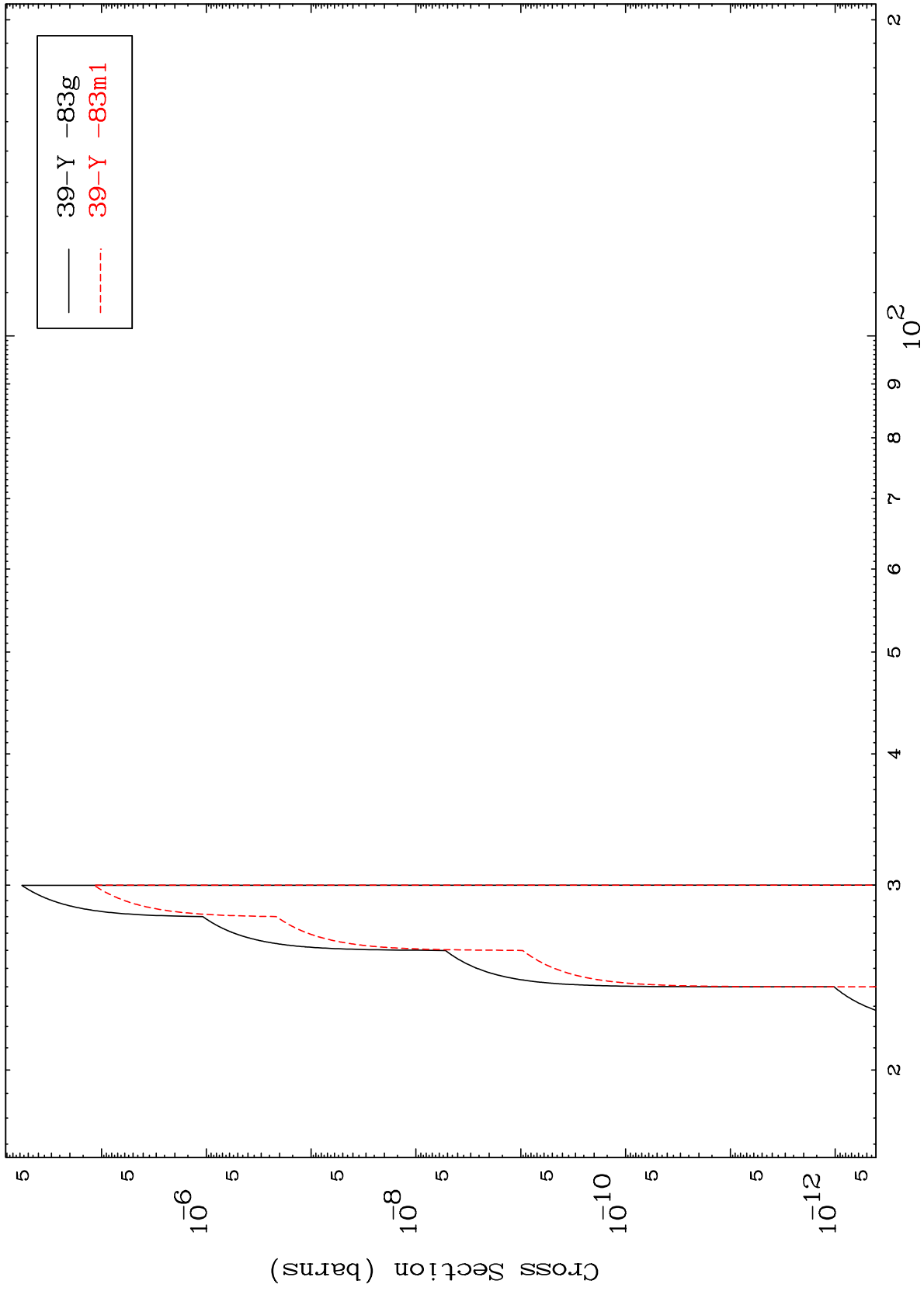
40-Zr-85

MAT 4010

(α, n') p α

40-Zr-85

Radionuclide Production Cross Section



15

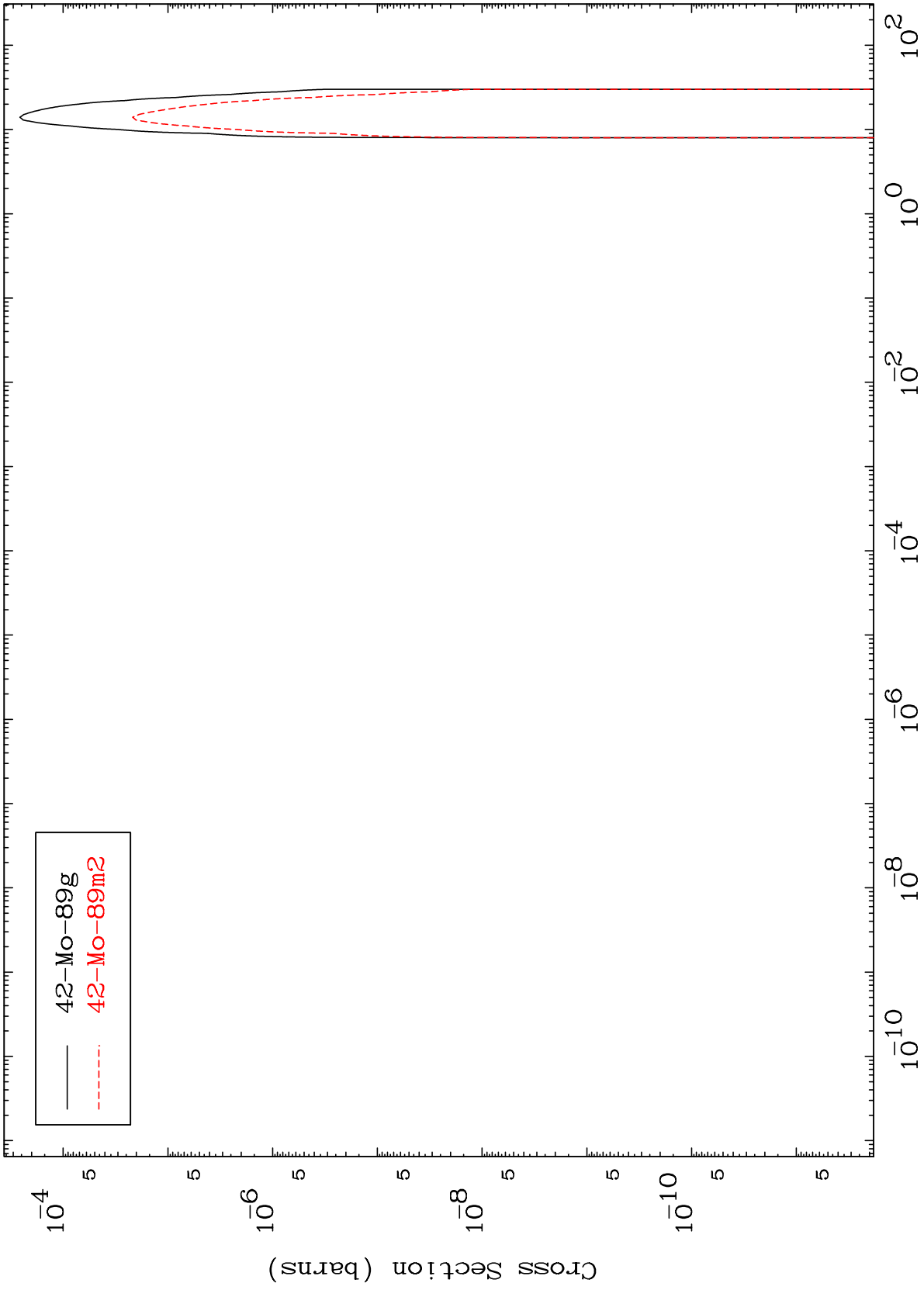
Incident Energy (MeV)

40-Zr-85

MAT 4010

Radionuclide Production Cross Section
(α, γ)

40-Zr-85



16

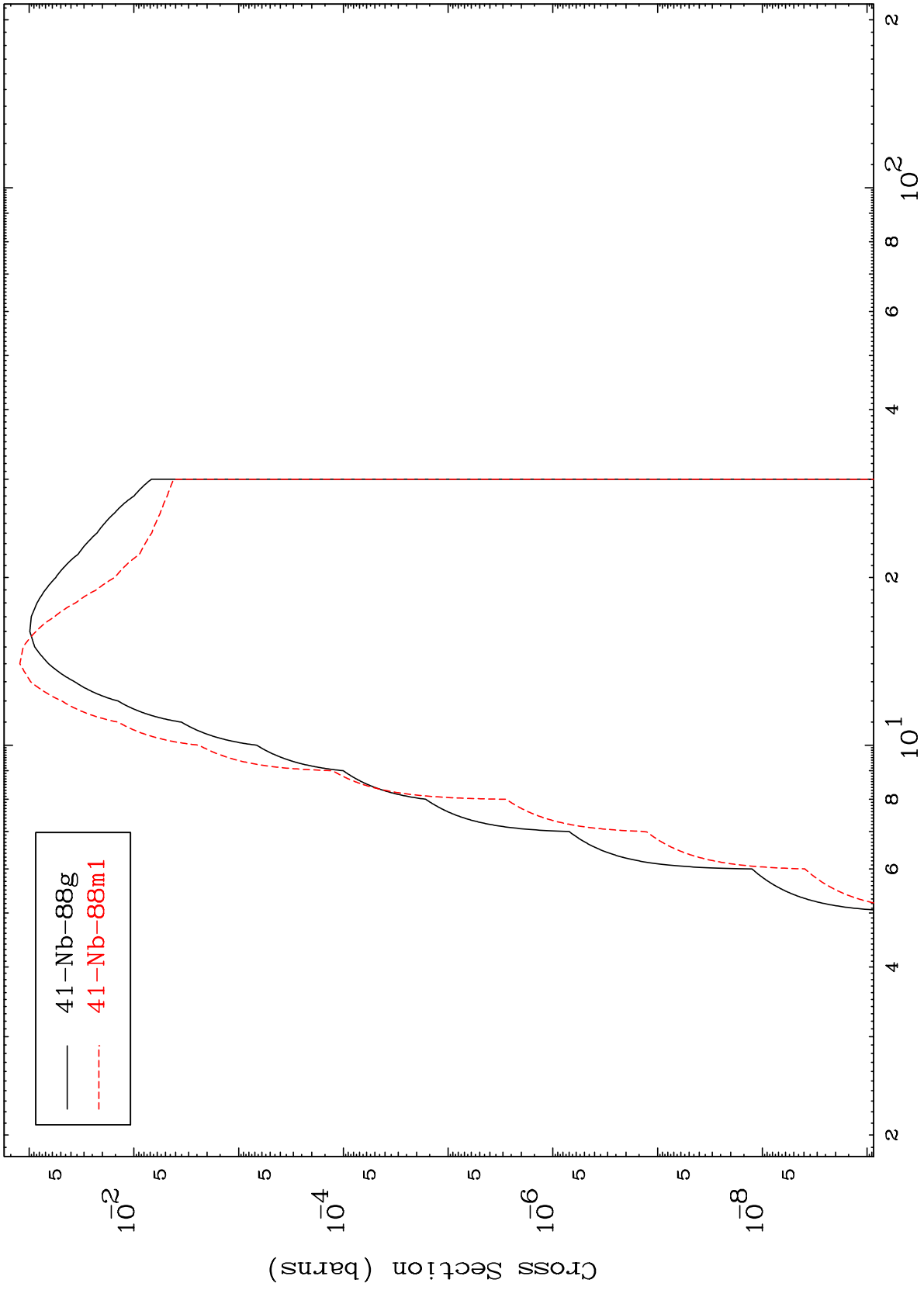
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

Radionuclide Production Cross Section



41-Nb-88g
41-Nb-88m1

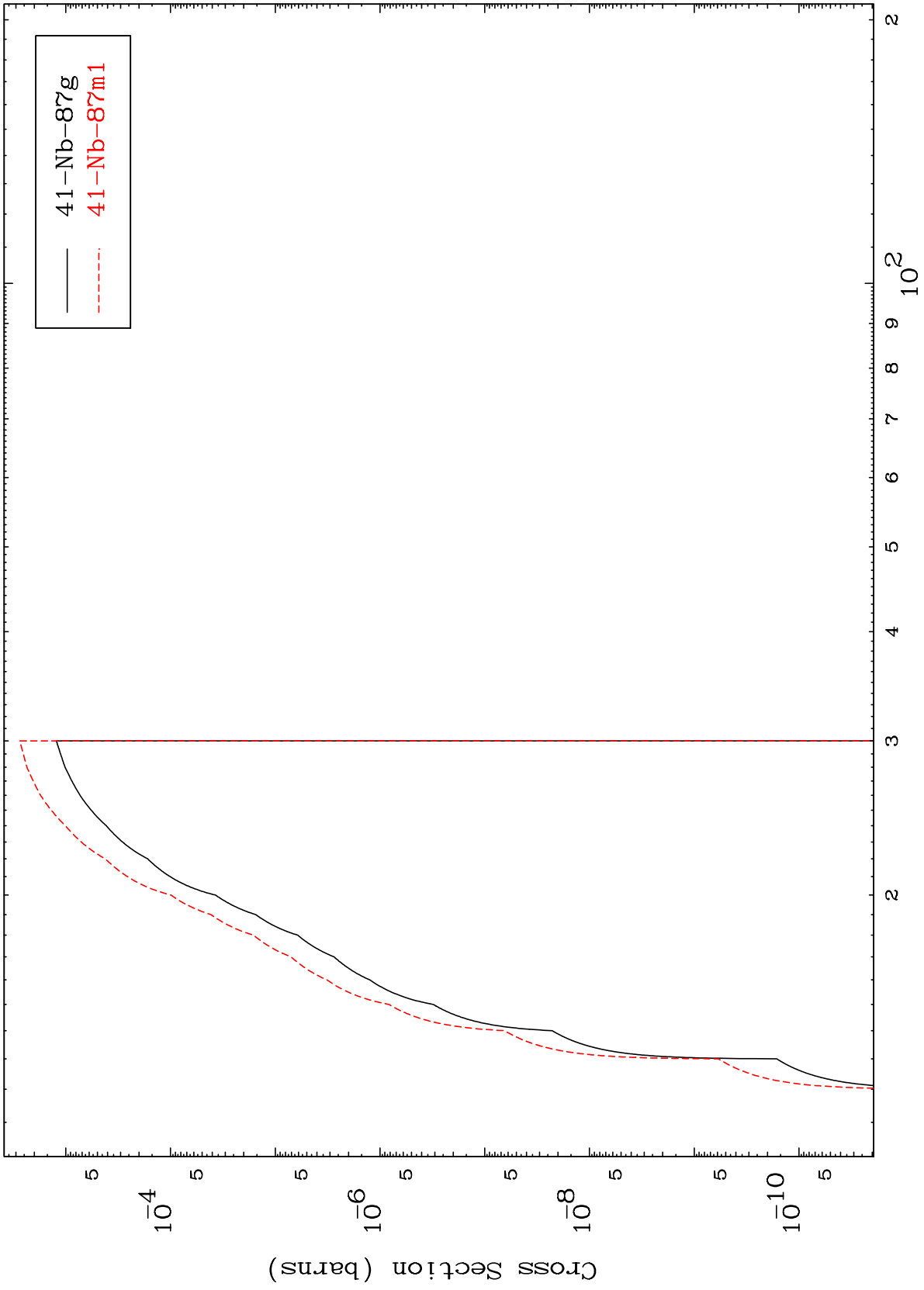
17

40-Zr-85

MAT 4010

40-Zr-85

(α, d)
Radionuclide Production Cross Section



18

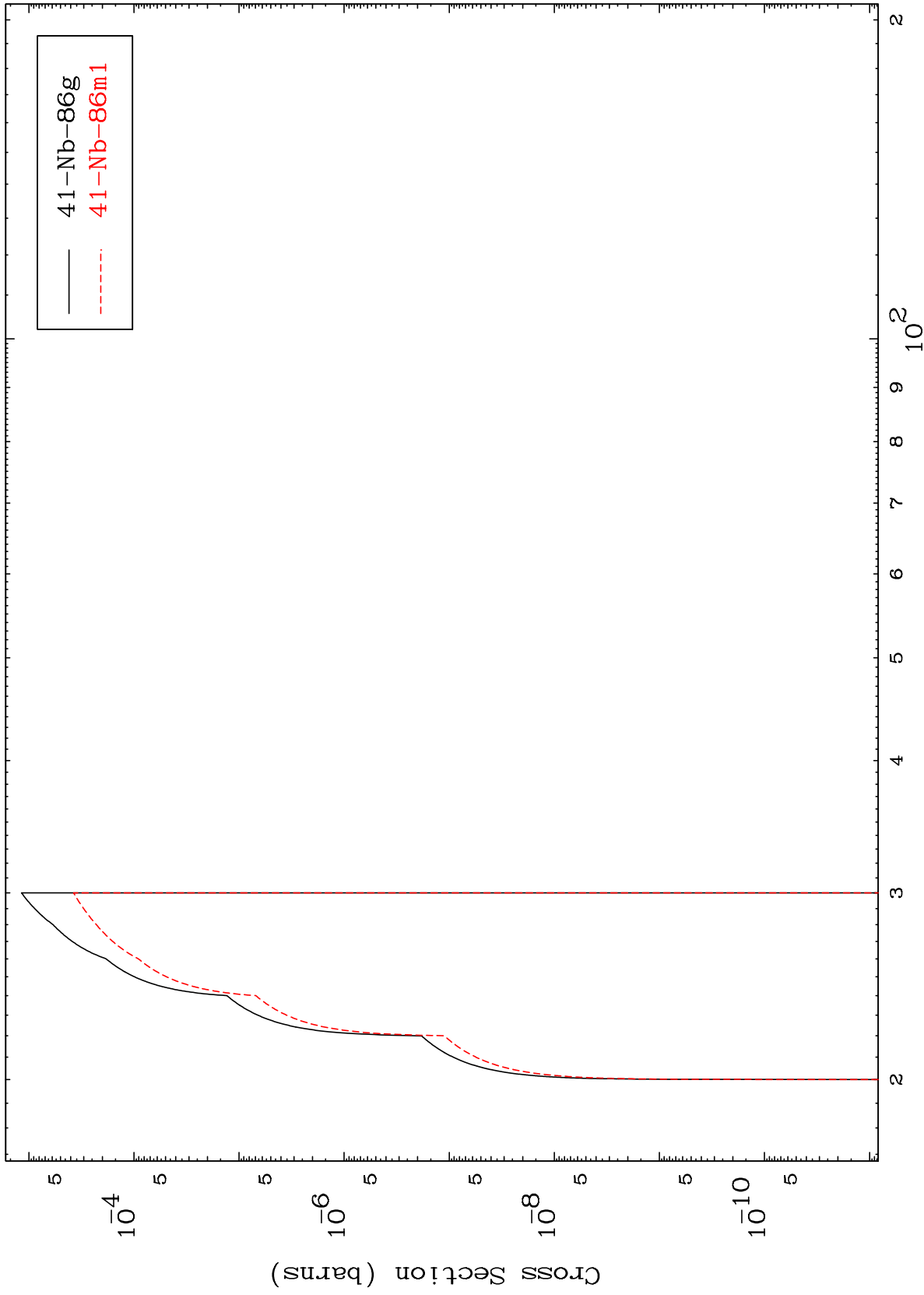
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(α, t)
Radionuclide Production Cross Section



19

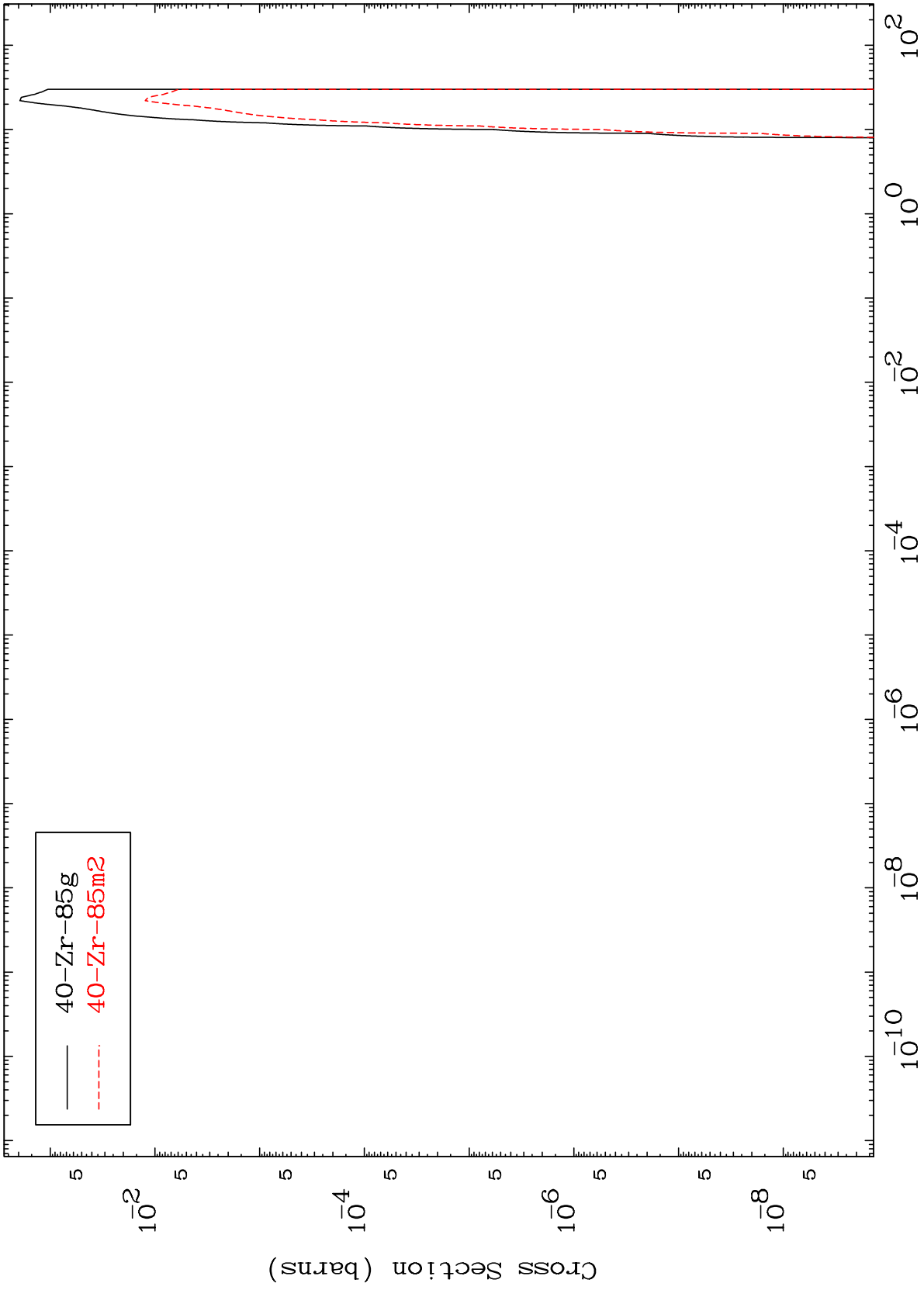
Incident Energy (MeV)

40-Zr-85

MAT 4010

Radionuclide Production Cross Section
(α, α)

40-Zr-85

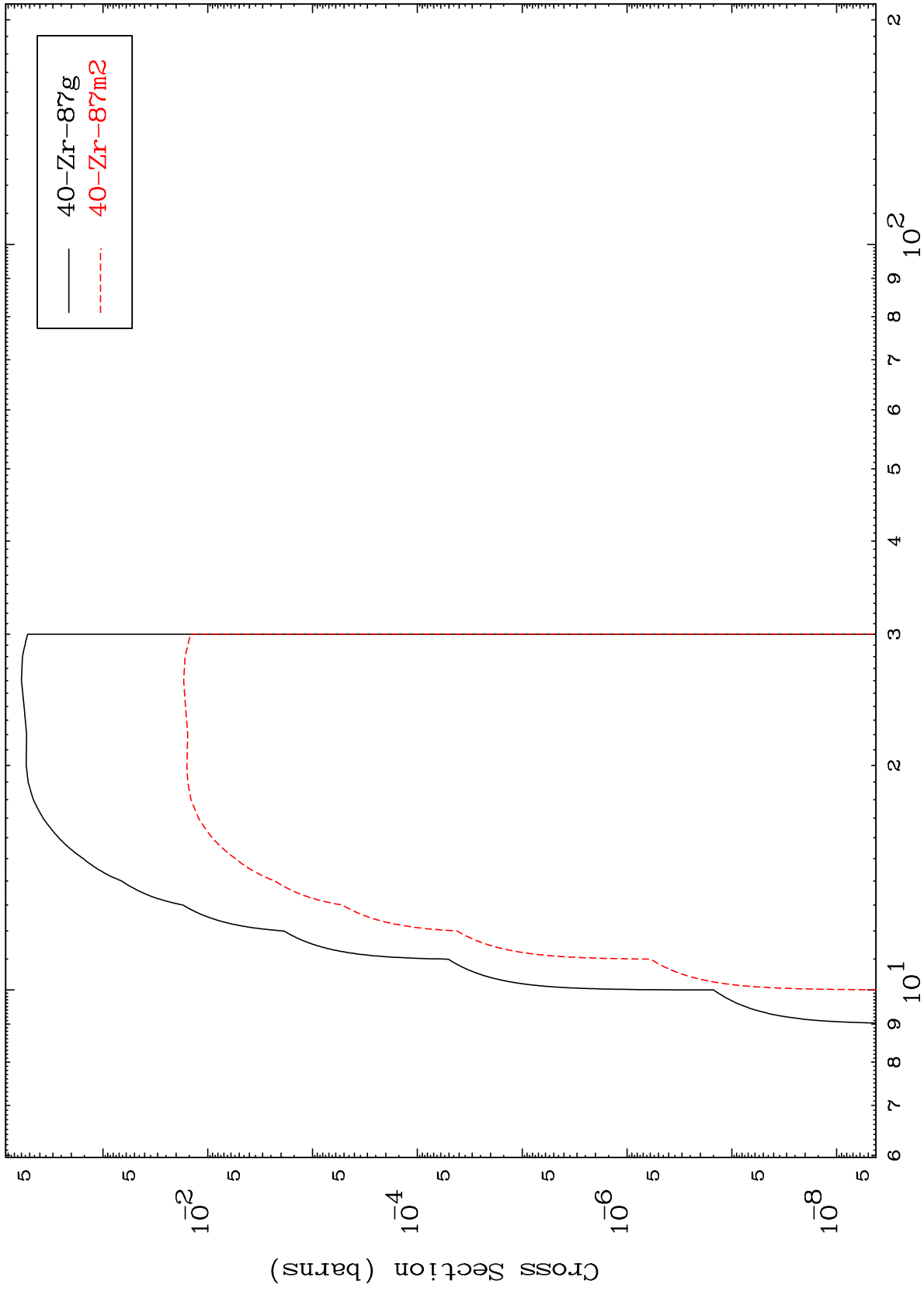


20

MAT 4010

40-Zr-85

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



21

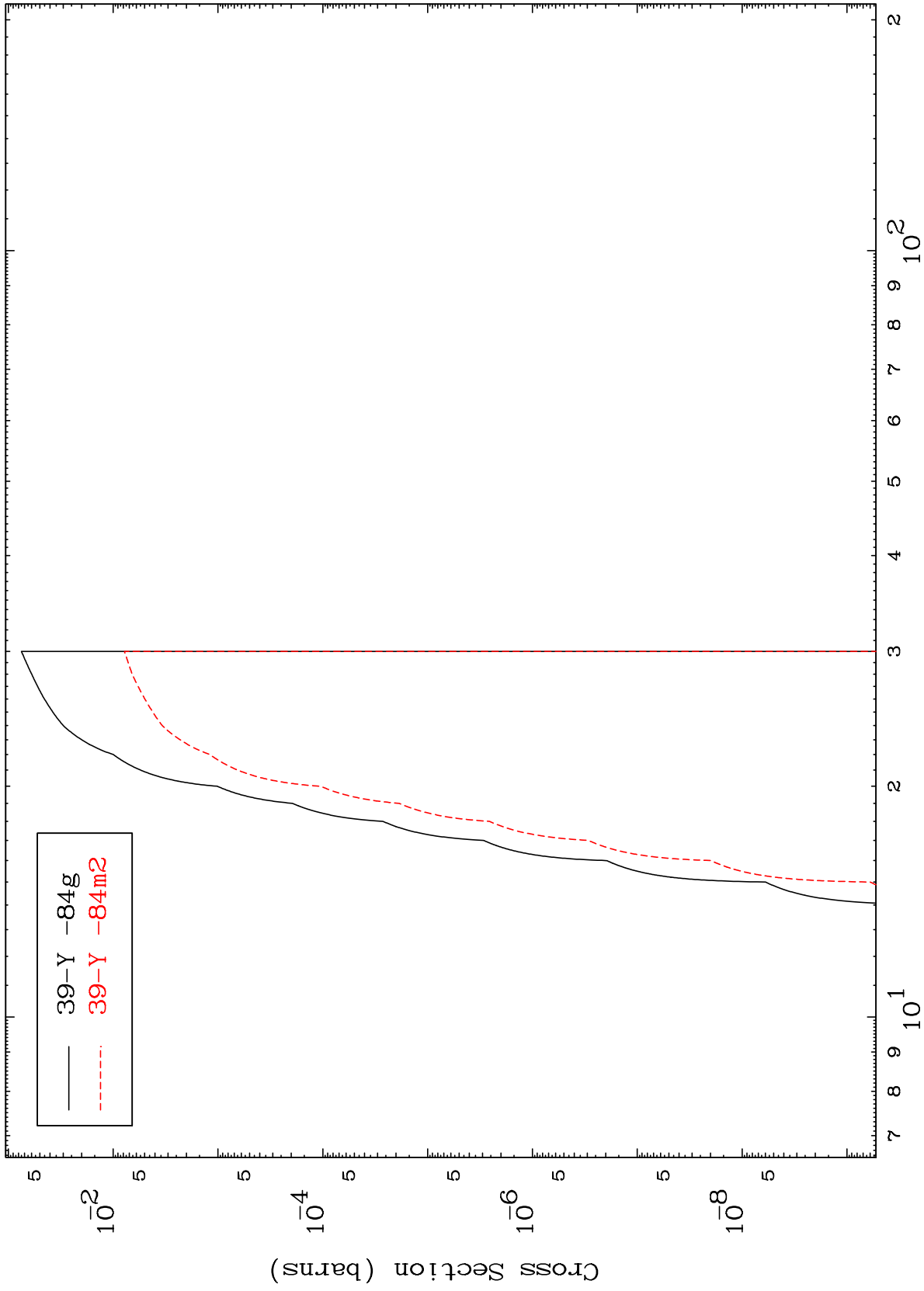
40-Zr-85

MAT 4010

(α, p) α

40-Zr-85

Radionuclide Production Cross Section



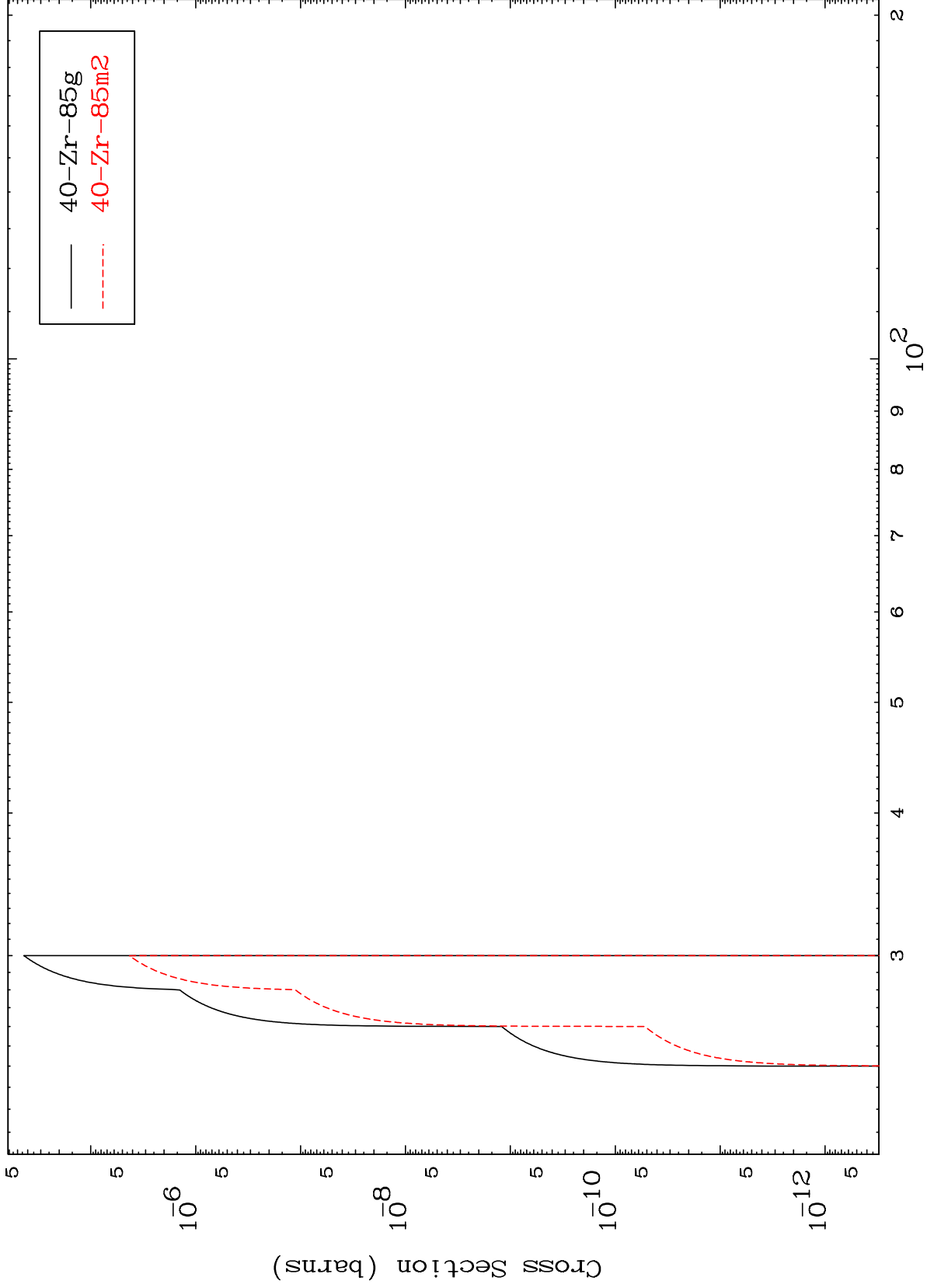
39-Y-84g
39-Y-84m2

MAT 4010

(α, p) t

40-Zr-85

Radionuclide Production Cross Section



23

Incident Energy (MeV)

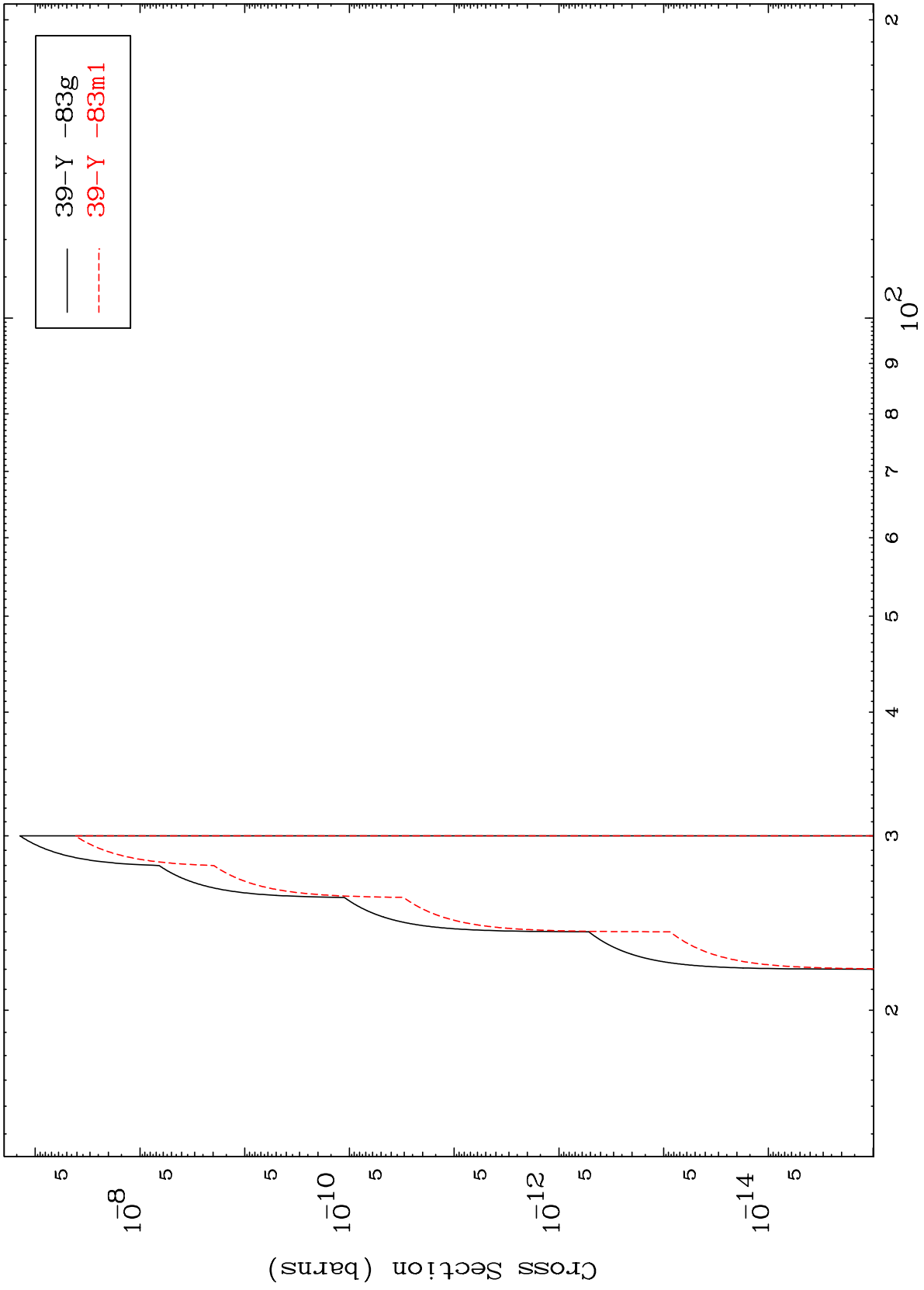
40-Zr-85

MAT 4010

(α, d) α

40-Zr-85

Radionuclide Production Cross Section



24

Incident Energy (MeV)

40-Zr-85