

Program EVALPLOT
(Version 2018-1)

by

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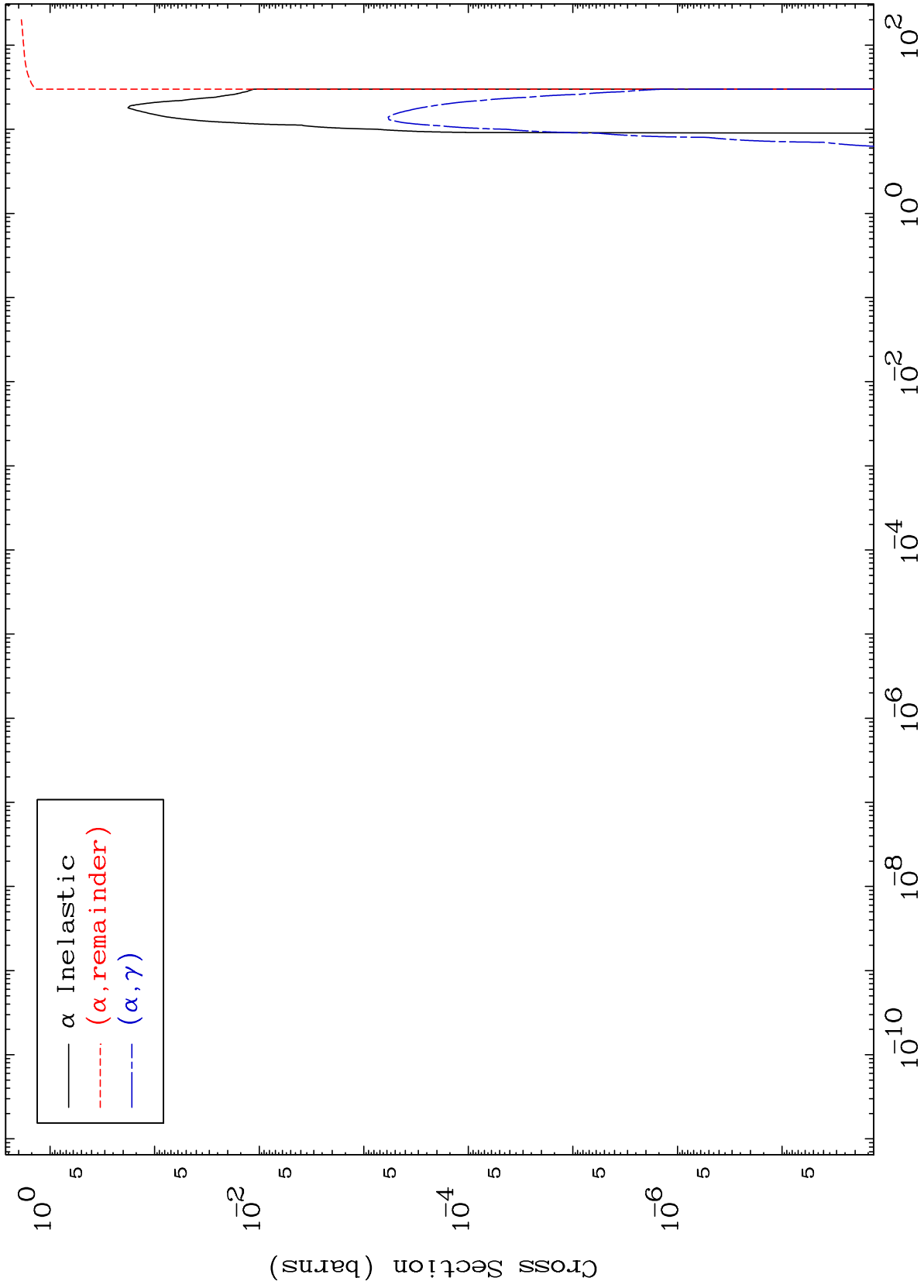
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4013

0 Kelvin α Major
Cross Sections

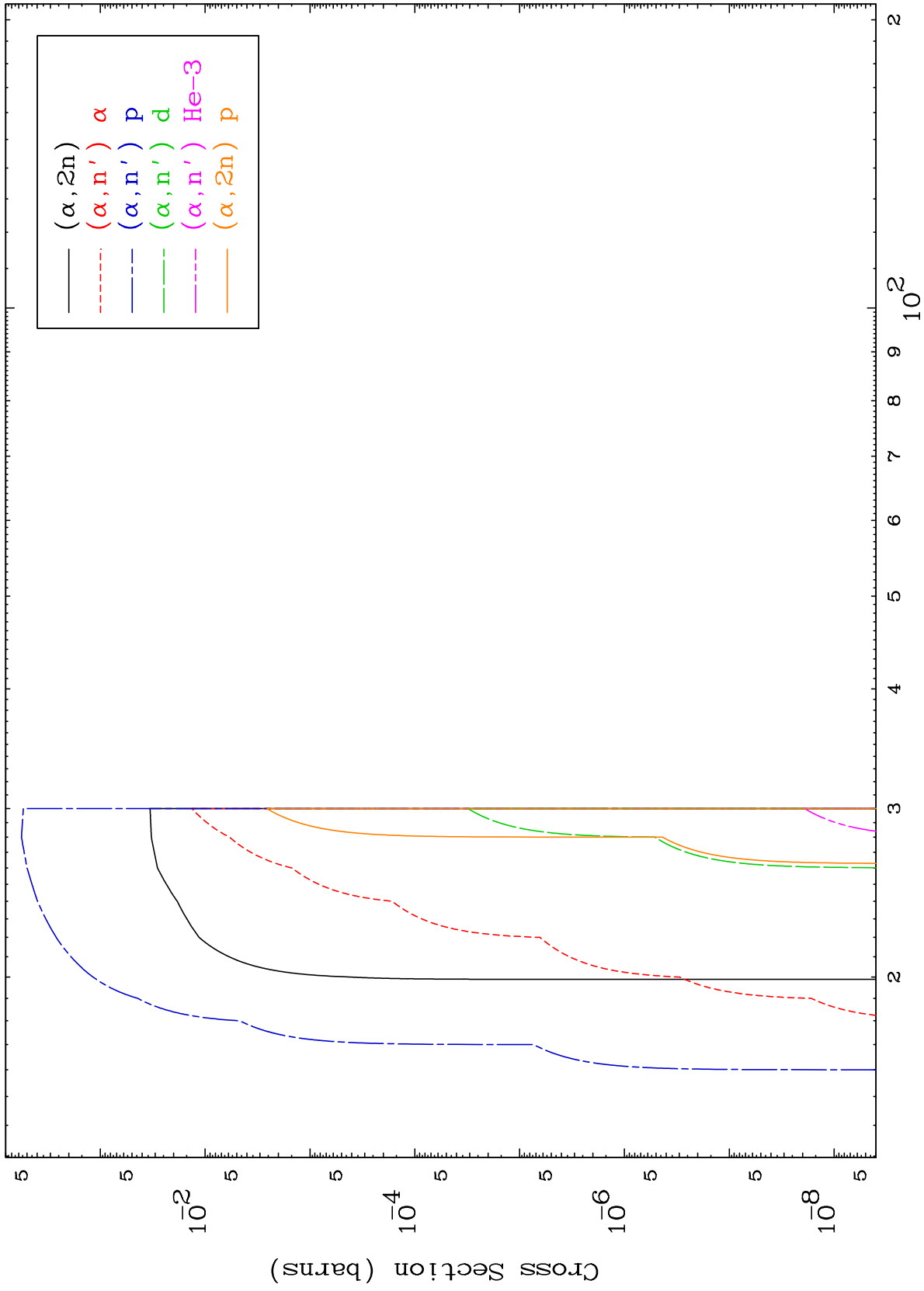
40-Zr-86



MAT 4013

α Neutron Production
0 Kelvin Cross Sections

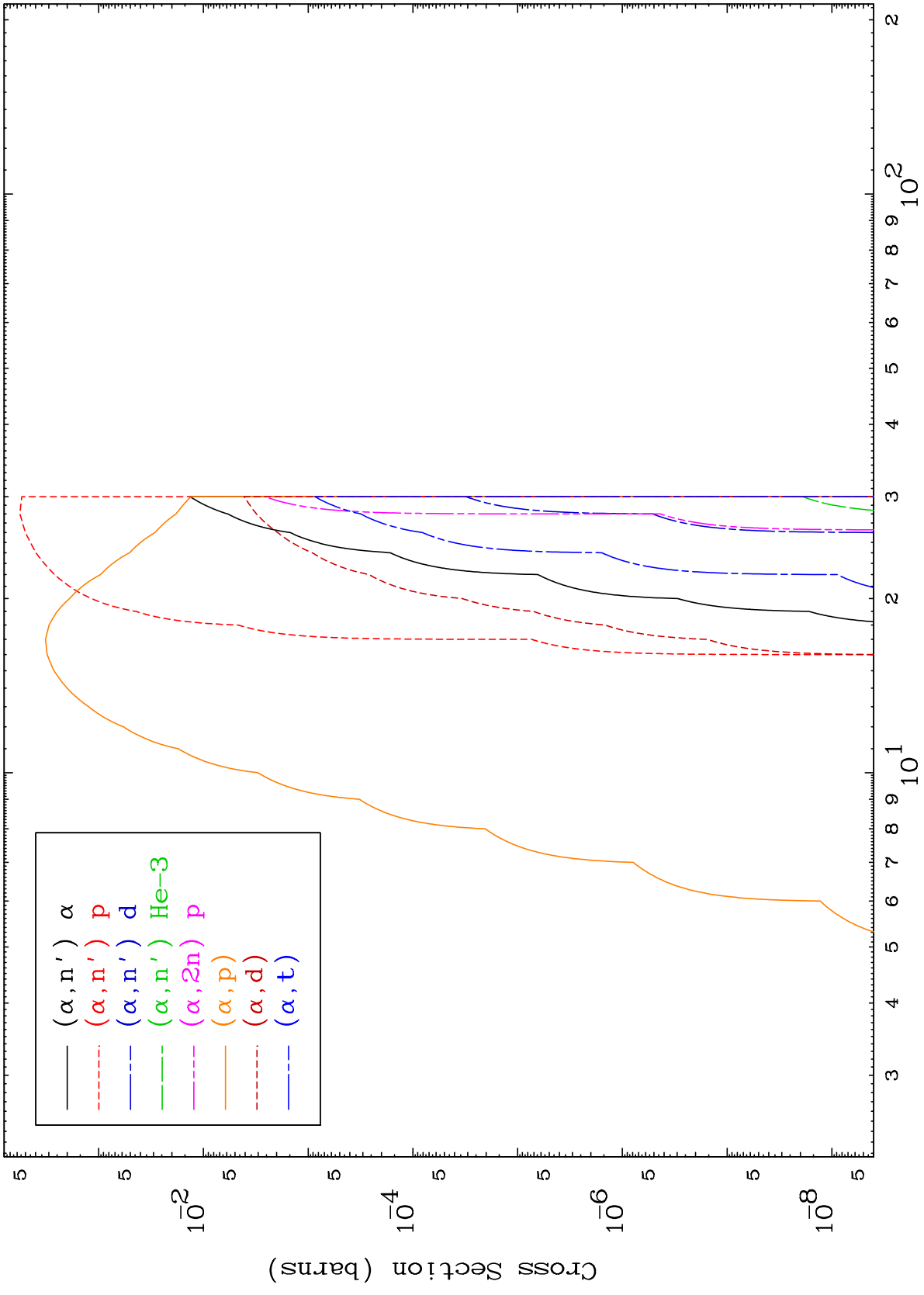
40-Zr-86



2

Incident Energy (MeV)

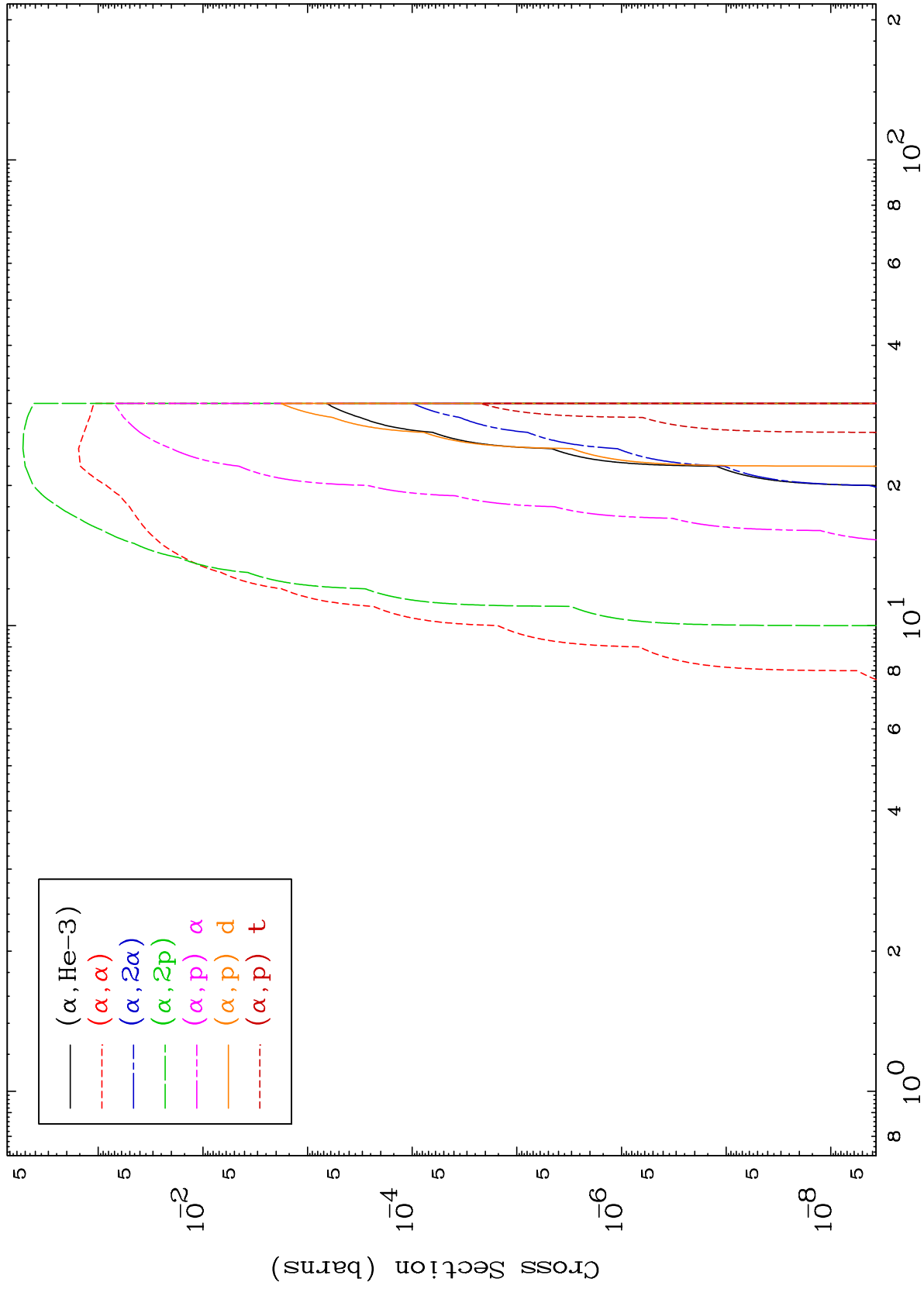
40-Zr-86



MAT 4013

α Charged Particle
0 Kelvin Cross Sections

40-Zr-86

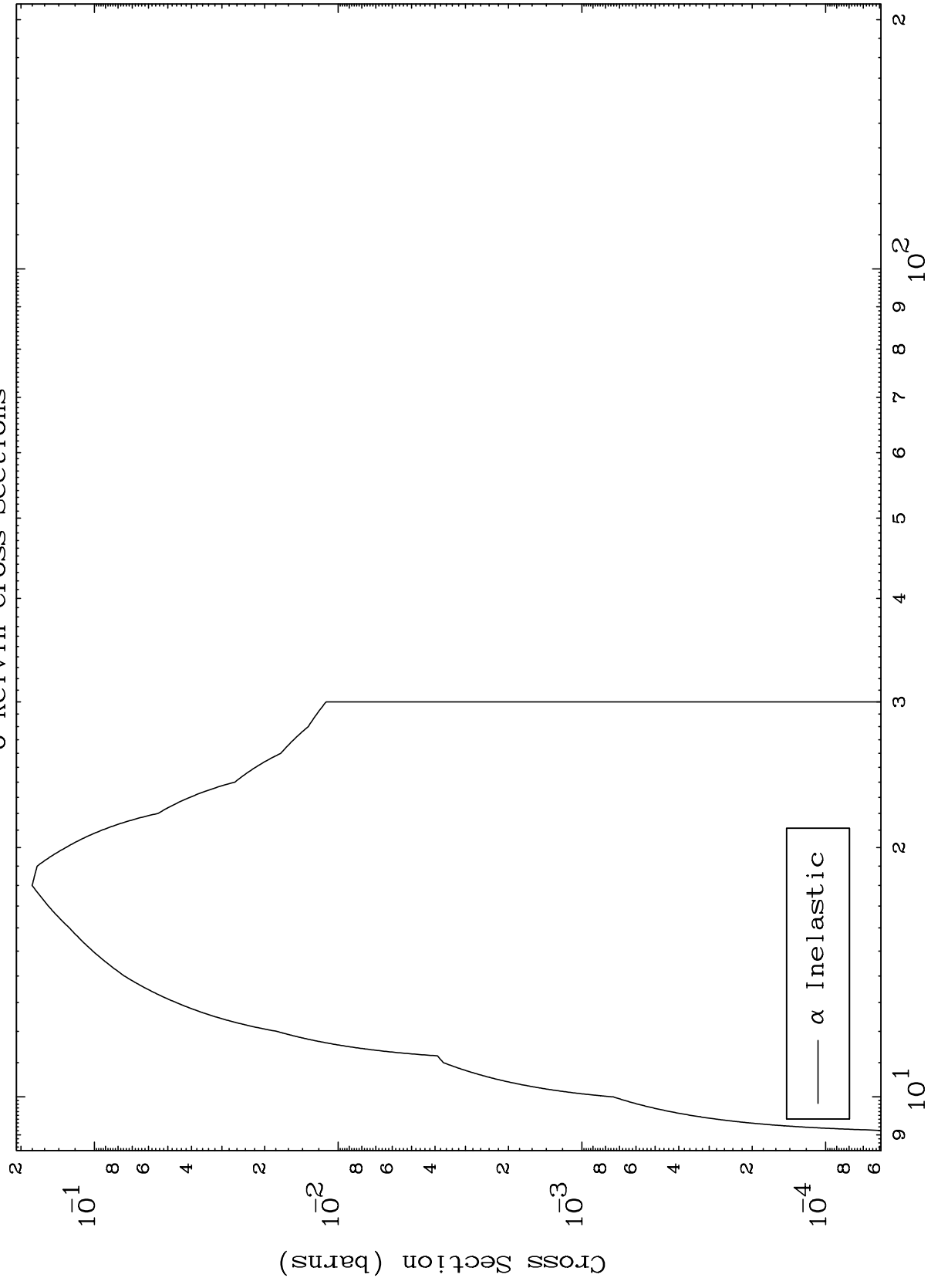


4

MAT 4013

(α, n') Level
0 Kelvin Cross Sections

40-Zr-86



5

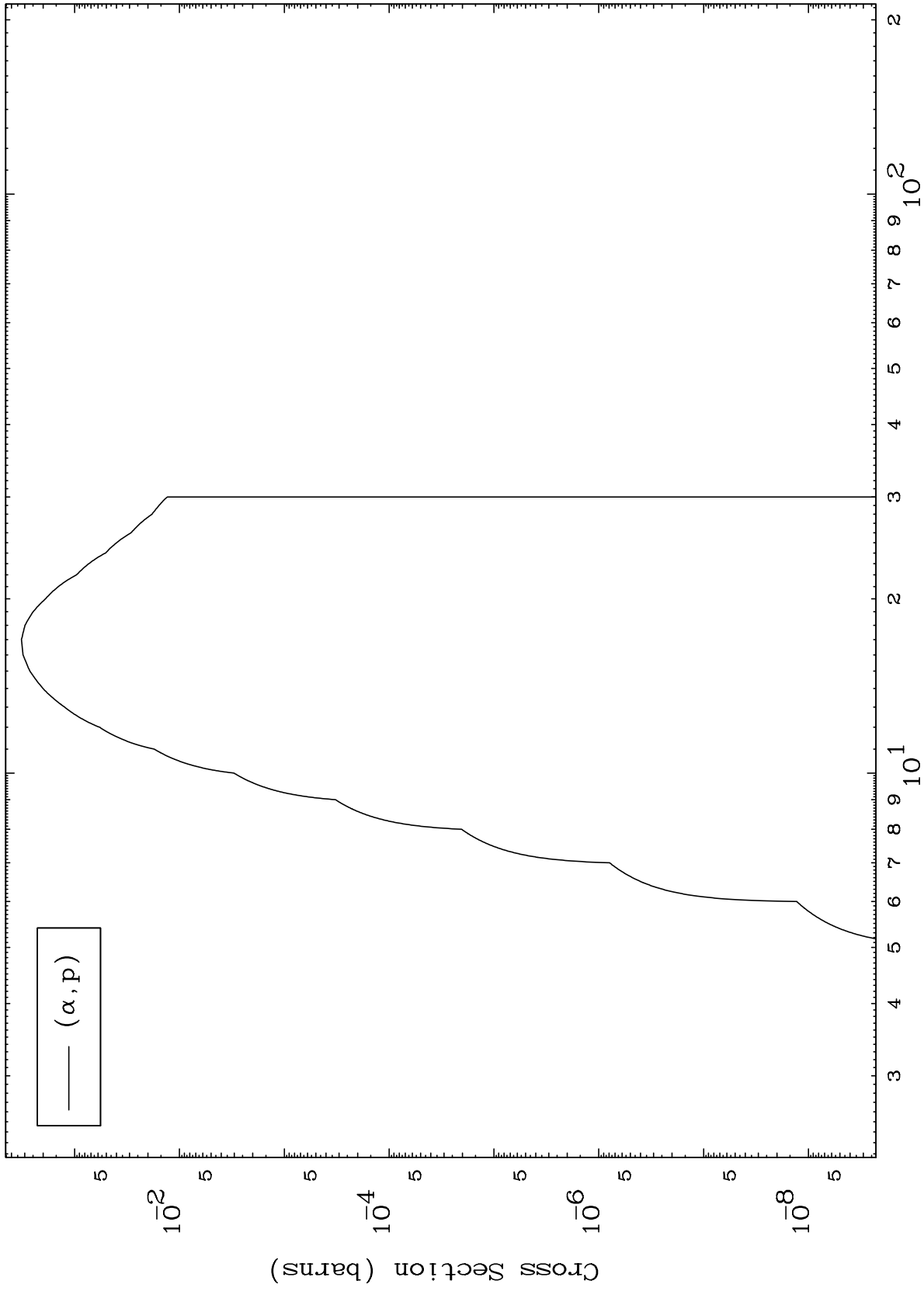
Incident Energy (MeV)

40-Zr-86

MAT 4013

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-86



6

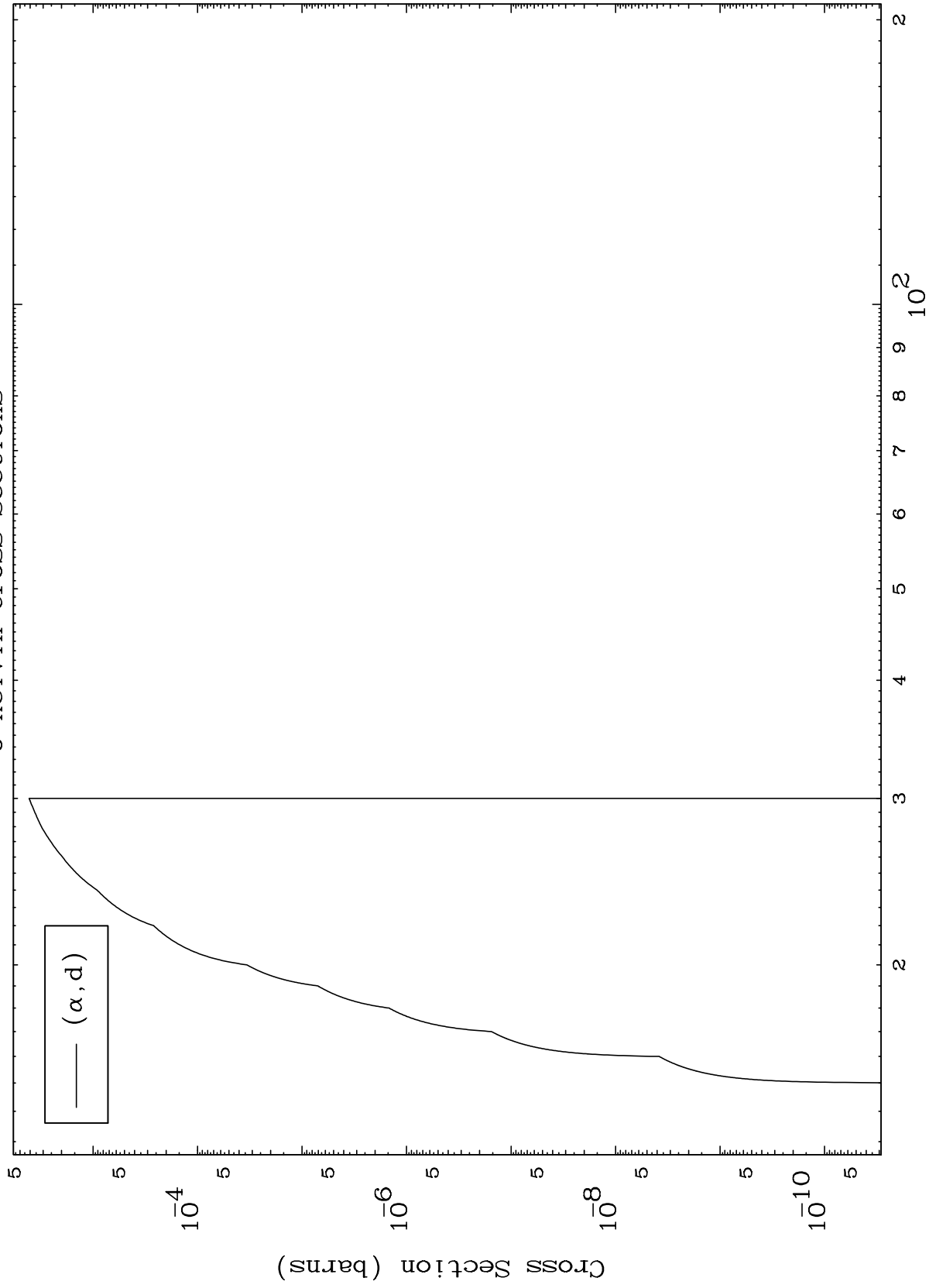
Incident Energy (MeV)

40-Zr-86

MAT 4013

(α, d) Levels
0 Kelvin Cross Sections

40-Zr-86



7

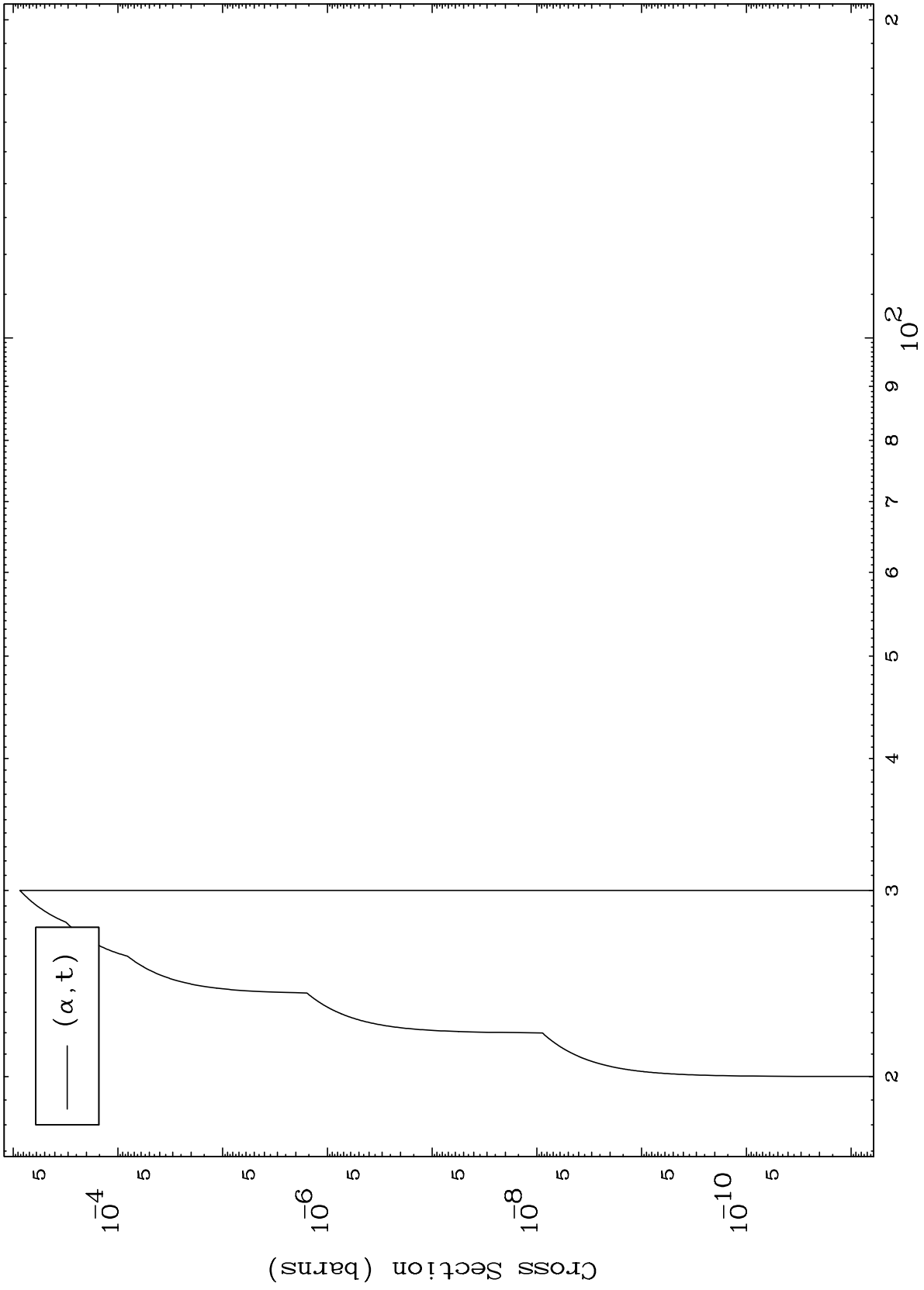
Incident Energy (MeV)

40-Zr-86

MAT 4013

(α, t) Levels
0 Kelvin Cross Sections

40-Zr-86



8

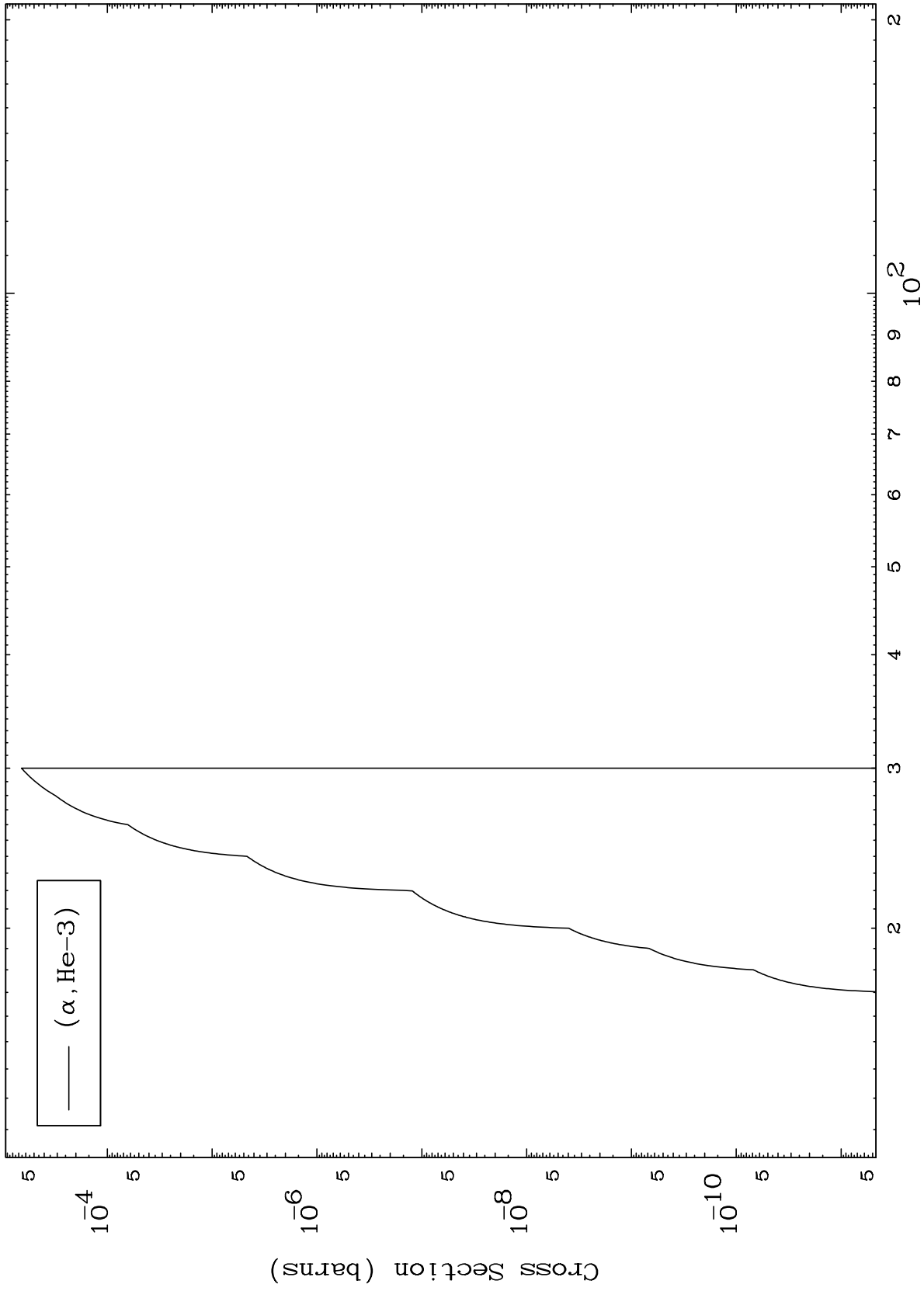
Incident Energy (MeV)

40-Zr-86

MAT 4013

(α ,He3) Levels
0 Kelvin Cross Sections

40-Zr-86



9

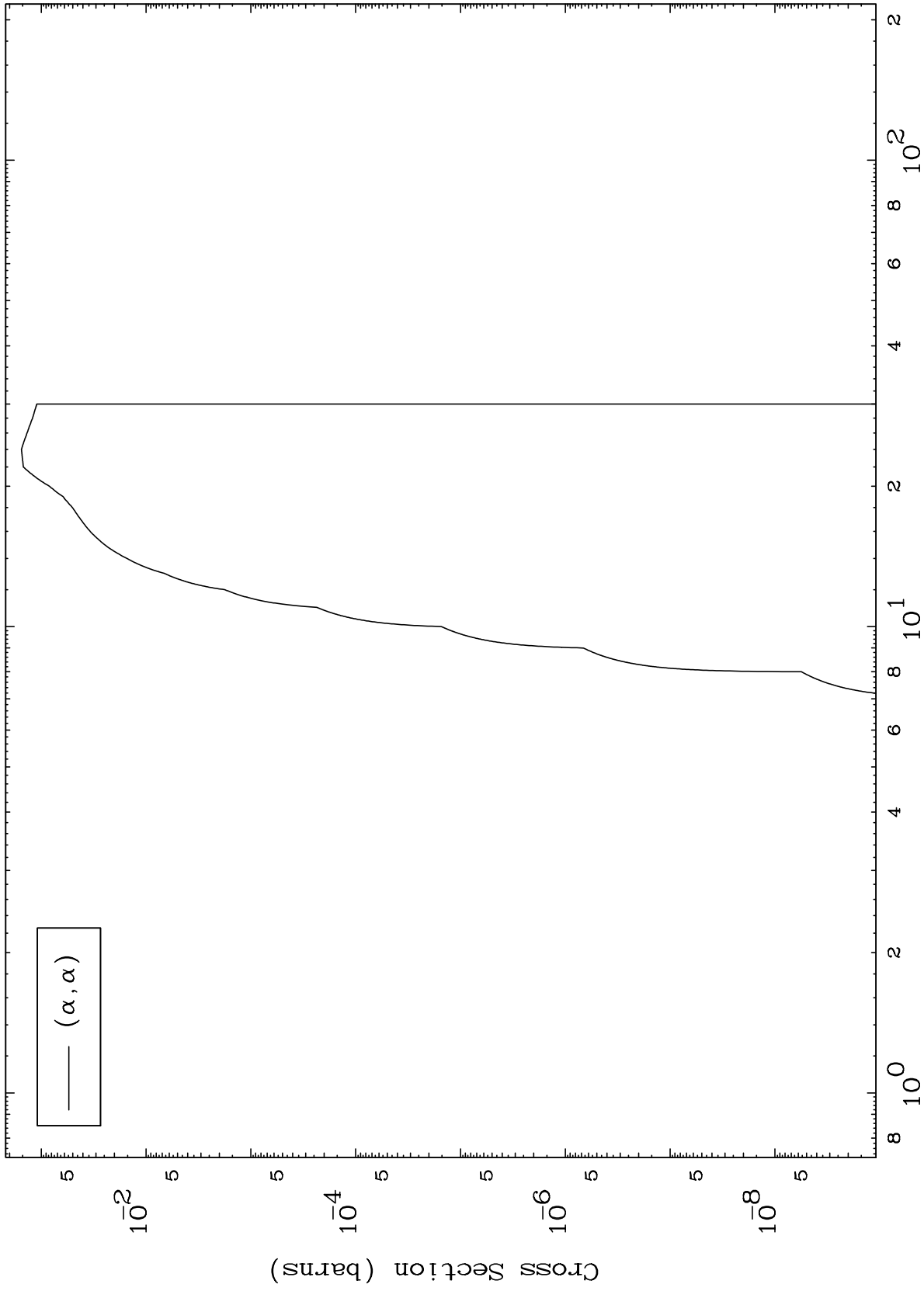
Incident Energy (MeV)

40-Zr-86

MAT 4013

(α, α) Levels
0 Kelvin Cross Sections

40-Zr-86

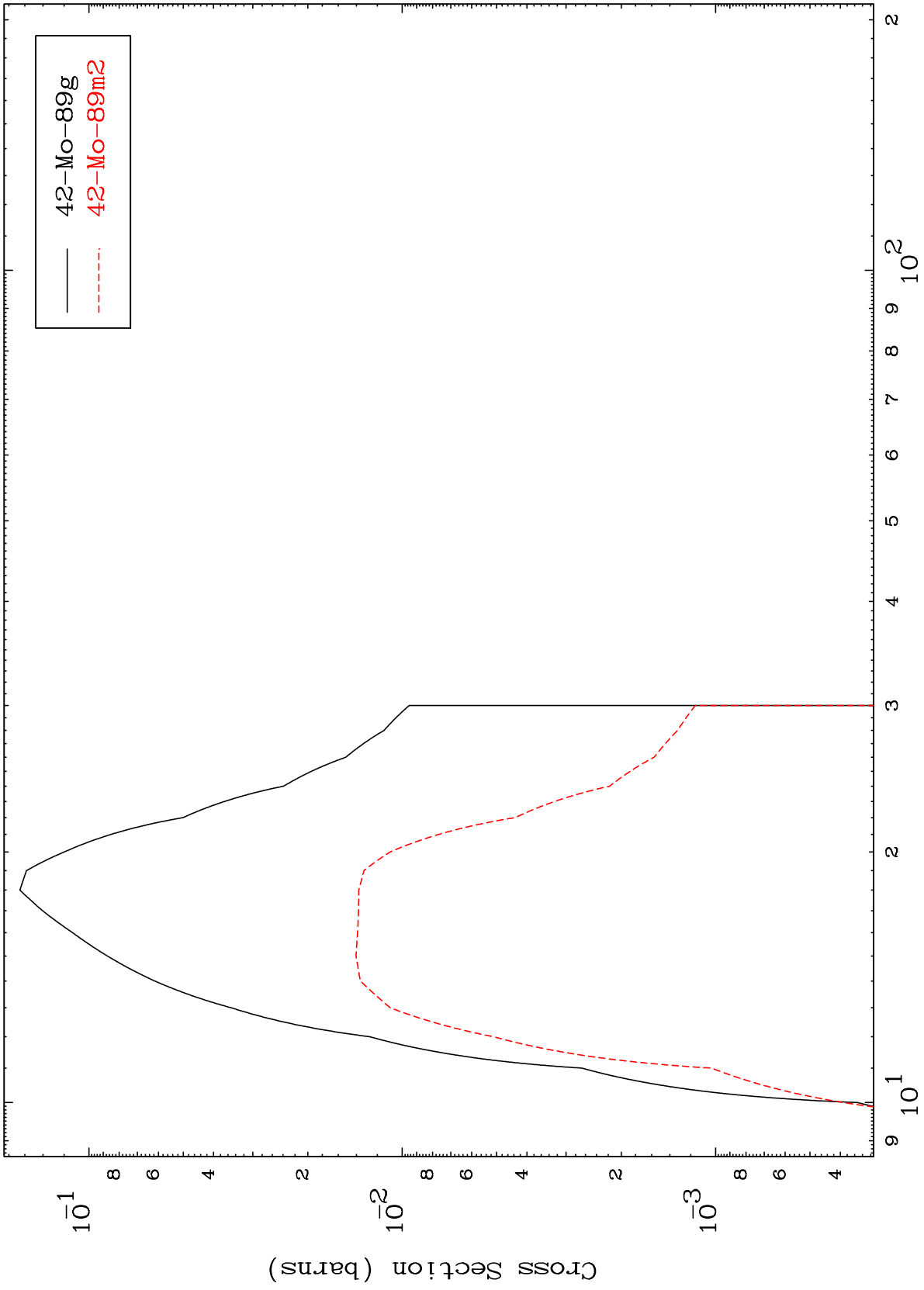


(α, α)

MAT 4013

40-Zr-86

α Inelastic
Radionuclide Production Cross Section



40-Zr-86

Incident Energy (MeV)

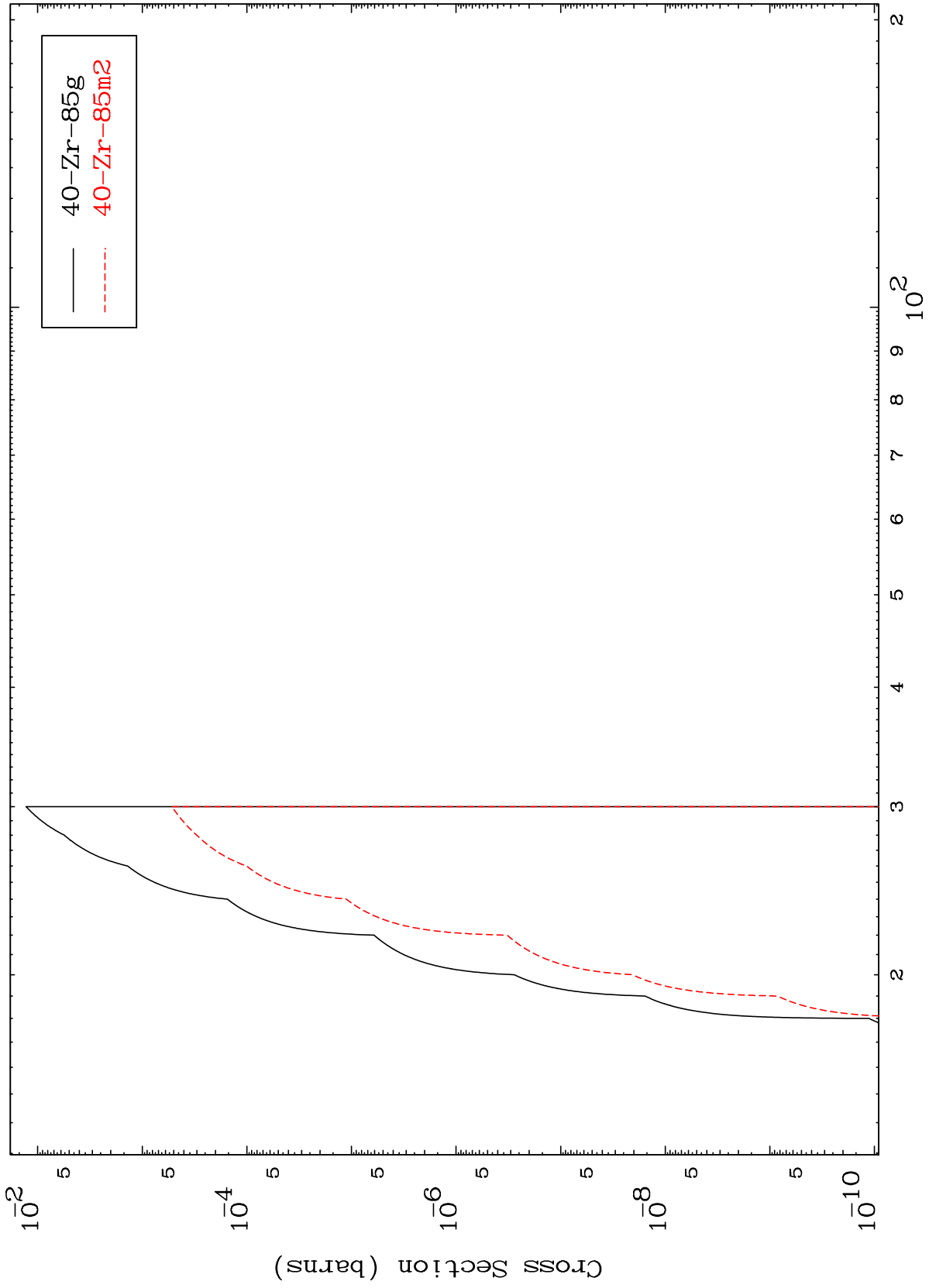
11

MAT 4013

(α, n') α

40-Zr-86

Radionuclide Production Cross Section



12

Incident Energy (MeV)

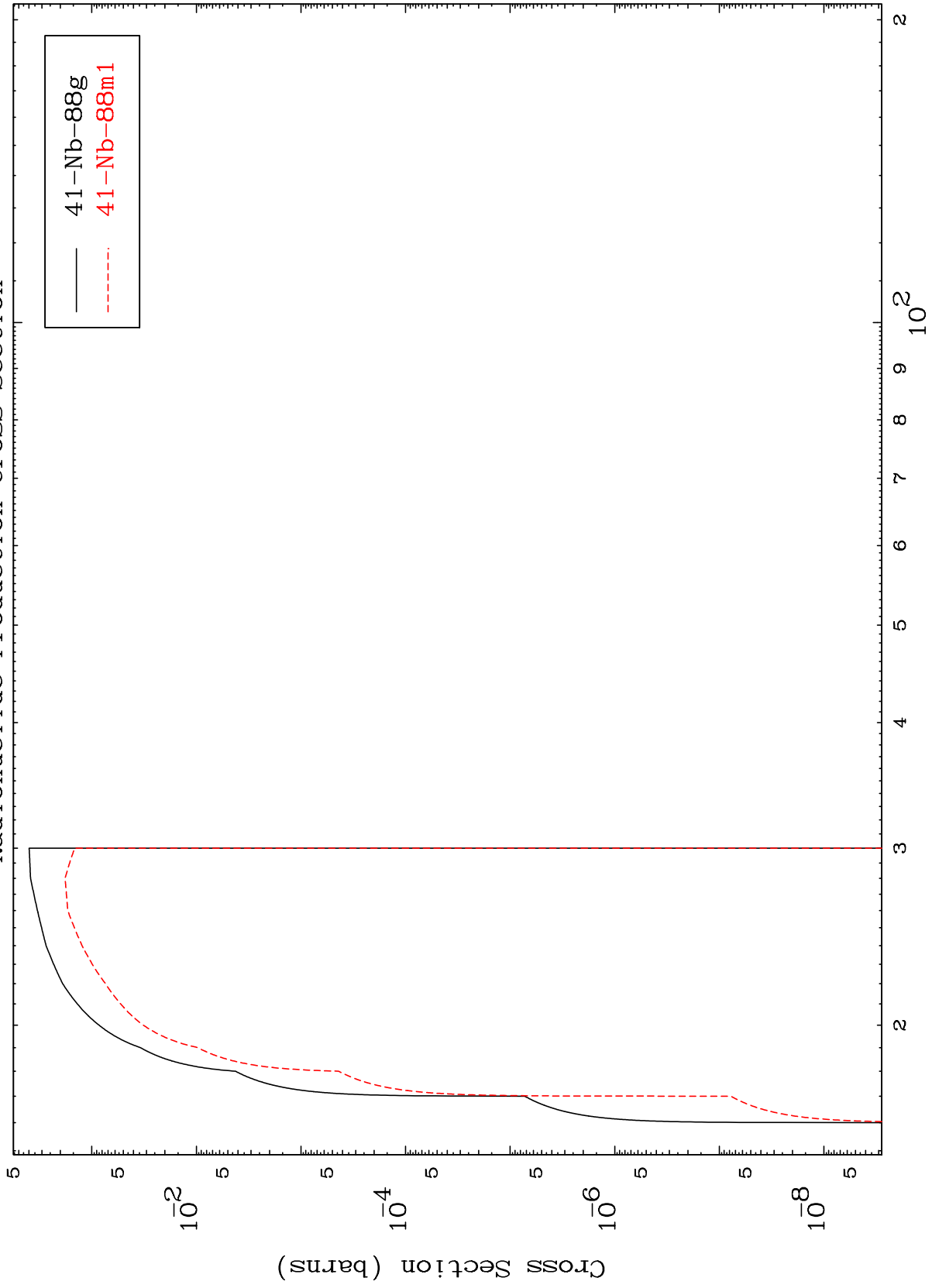
40-Zr-86

MAT 4013

(α, n') p

40-Zr-86

Radionuclide Production Cross Section



13

Incident Energy (MeV)

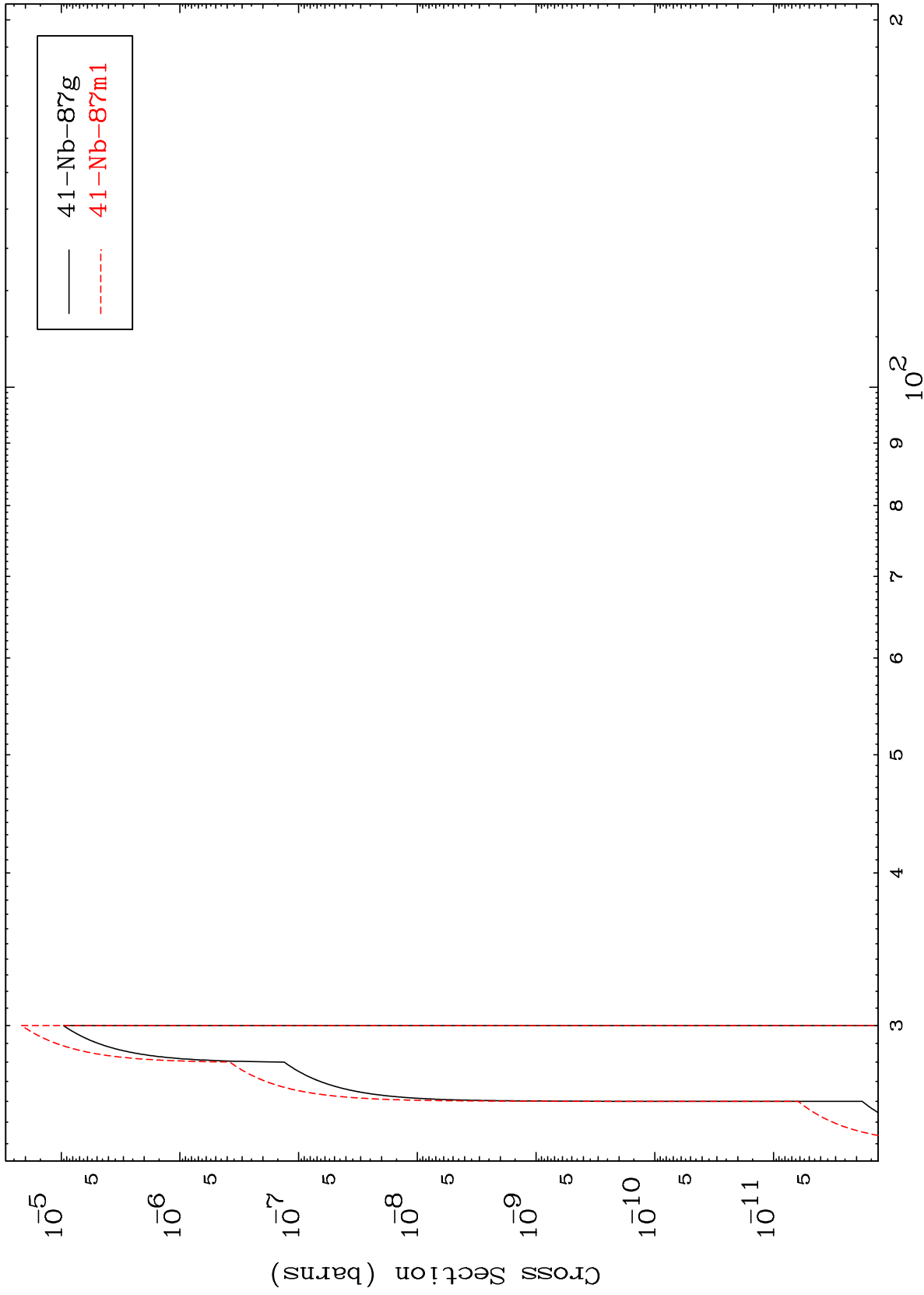
40-Zr-86

MAT 4013

(α, n') d

40-Zr-86

Radionuclide Production Cross Section



14

Incident Energy (MeV)

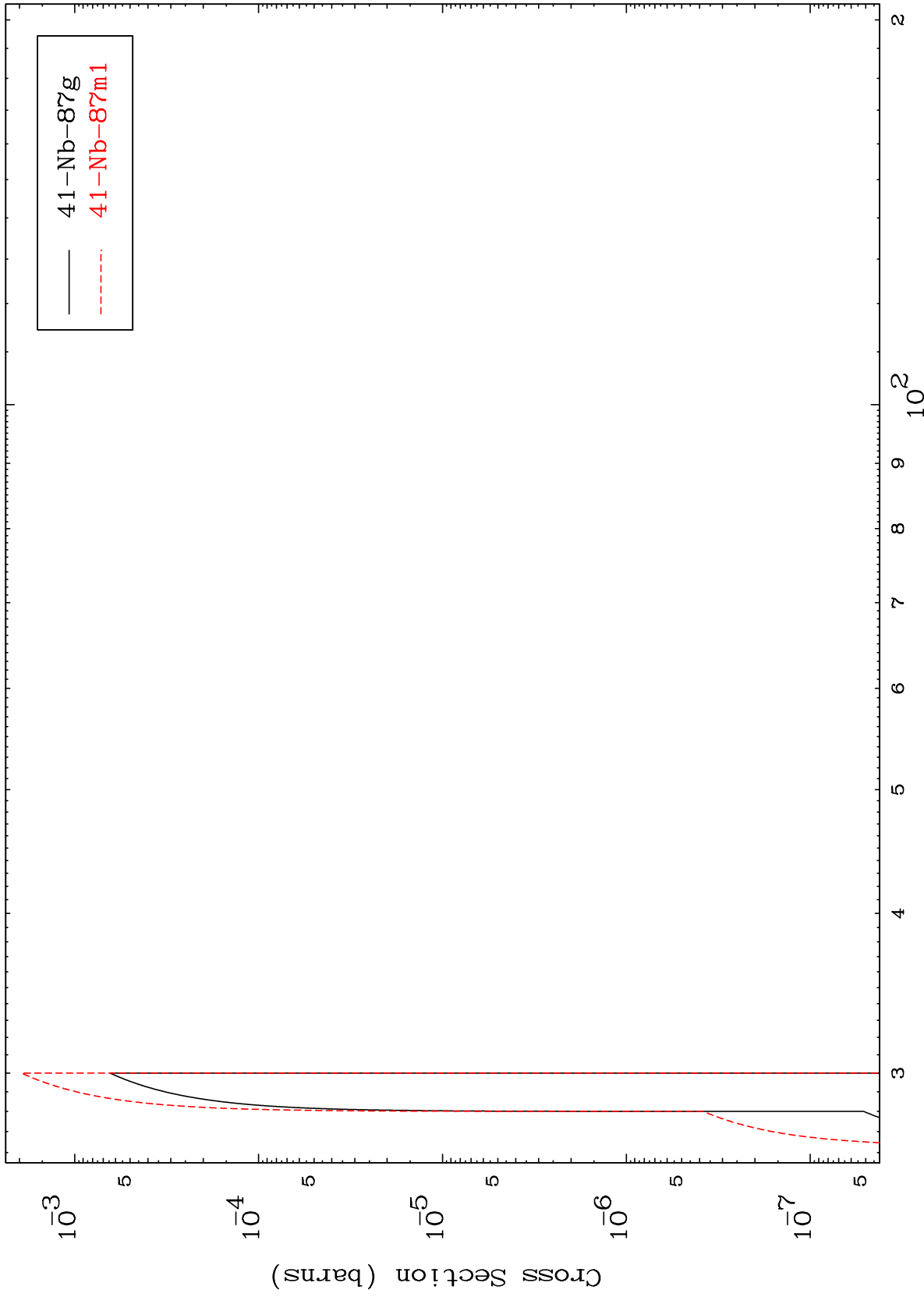
40-Zr-86

MAT 4013

($\alpha, 2n$) p

40-Zr-86

Radionuclide Production Cross Section



15

Incident Energy (MeV)

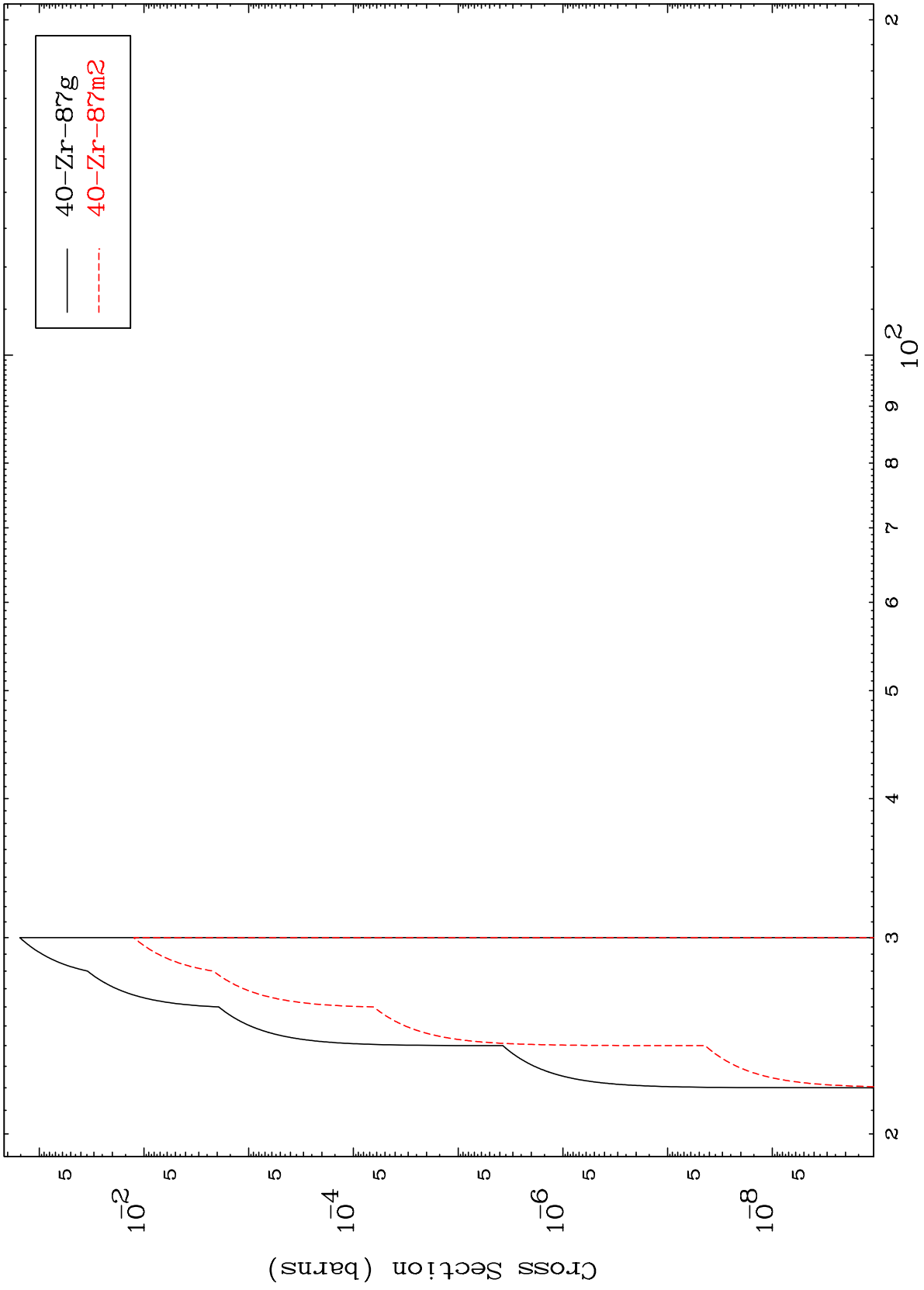
40-Zr-86

MAT 4013

($\alpha, 2n$) p

40-Zr-86

Radionuclide Production Cross Section



16

Incident Energy (MeV)

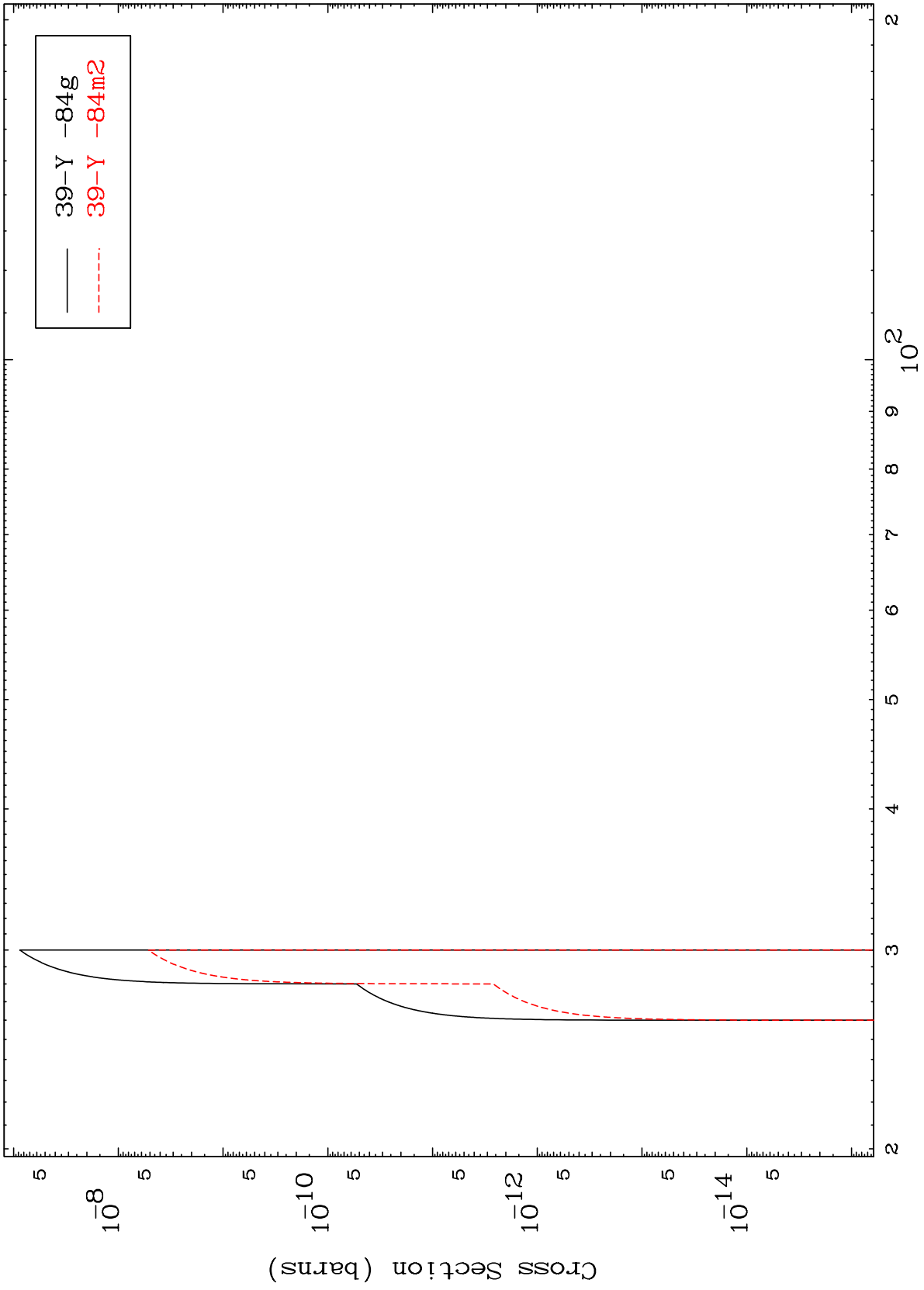
40-Zr-86

MAT 4013

(α, n') p α

40-Zr-86

Radionuclide Production Cross Section



17

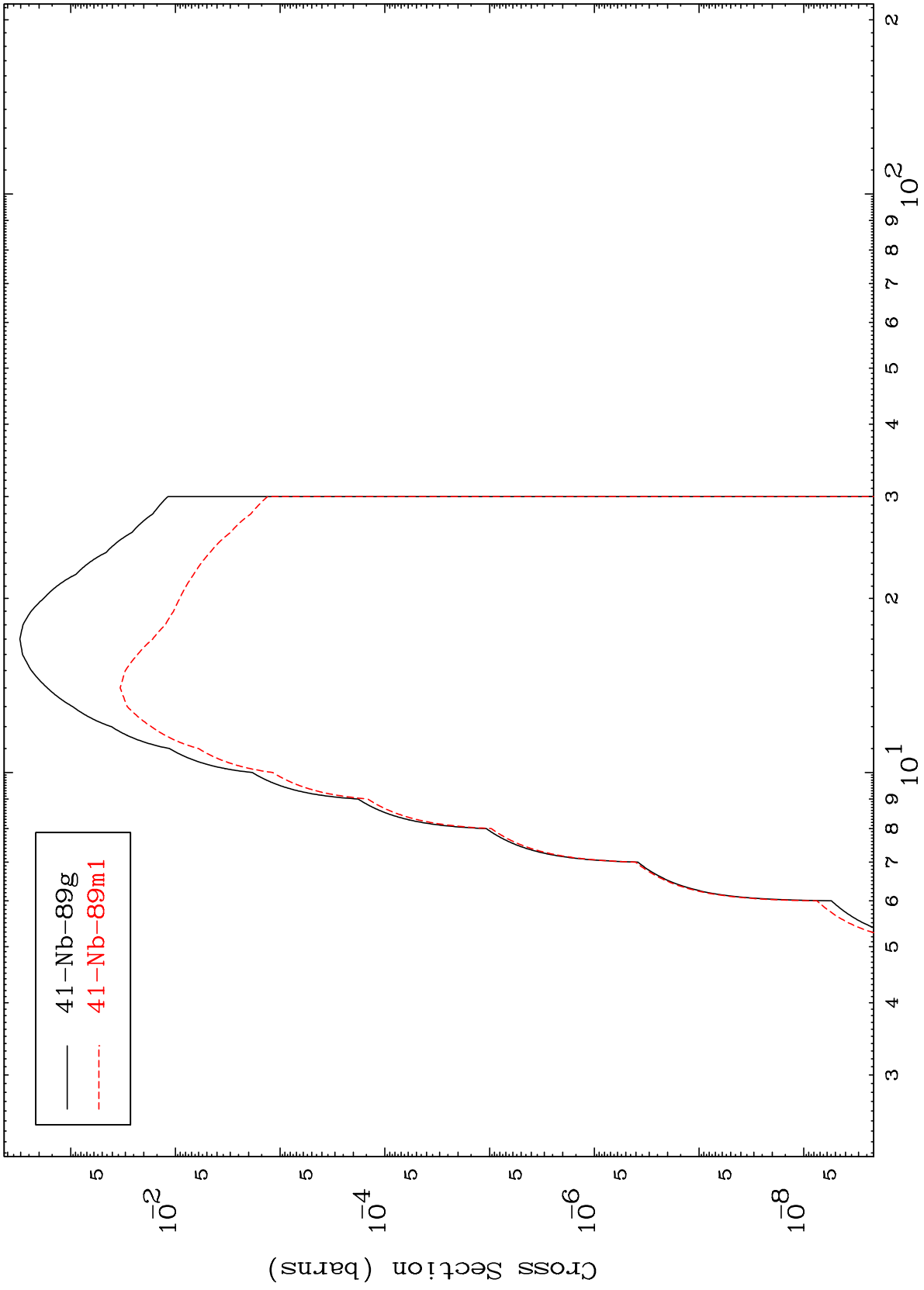
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

Radionuclide Production Cross Section
(α, p)



18

Incident Energy (MeV)

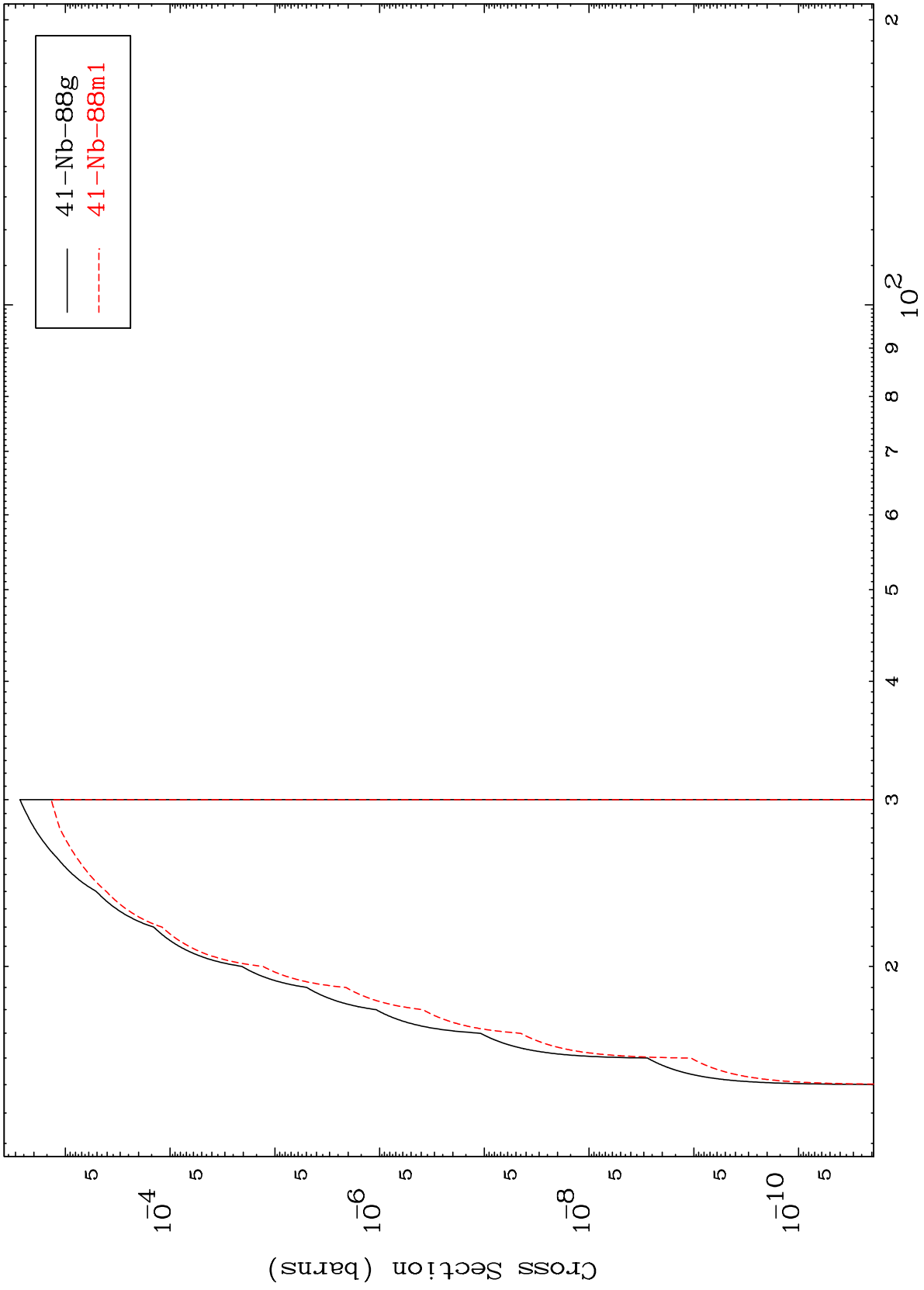
40-Zr-86

MAT 4013

(α, d)

40-Zr-86

Radionuclide Production Cross Section



19

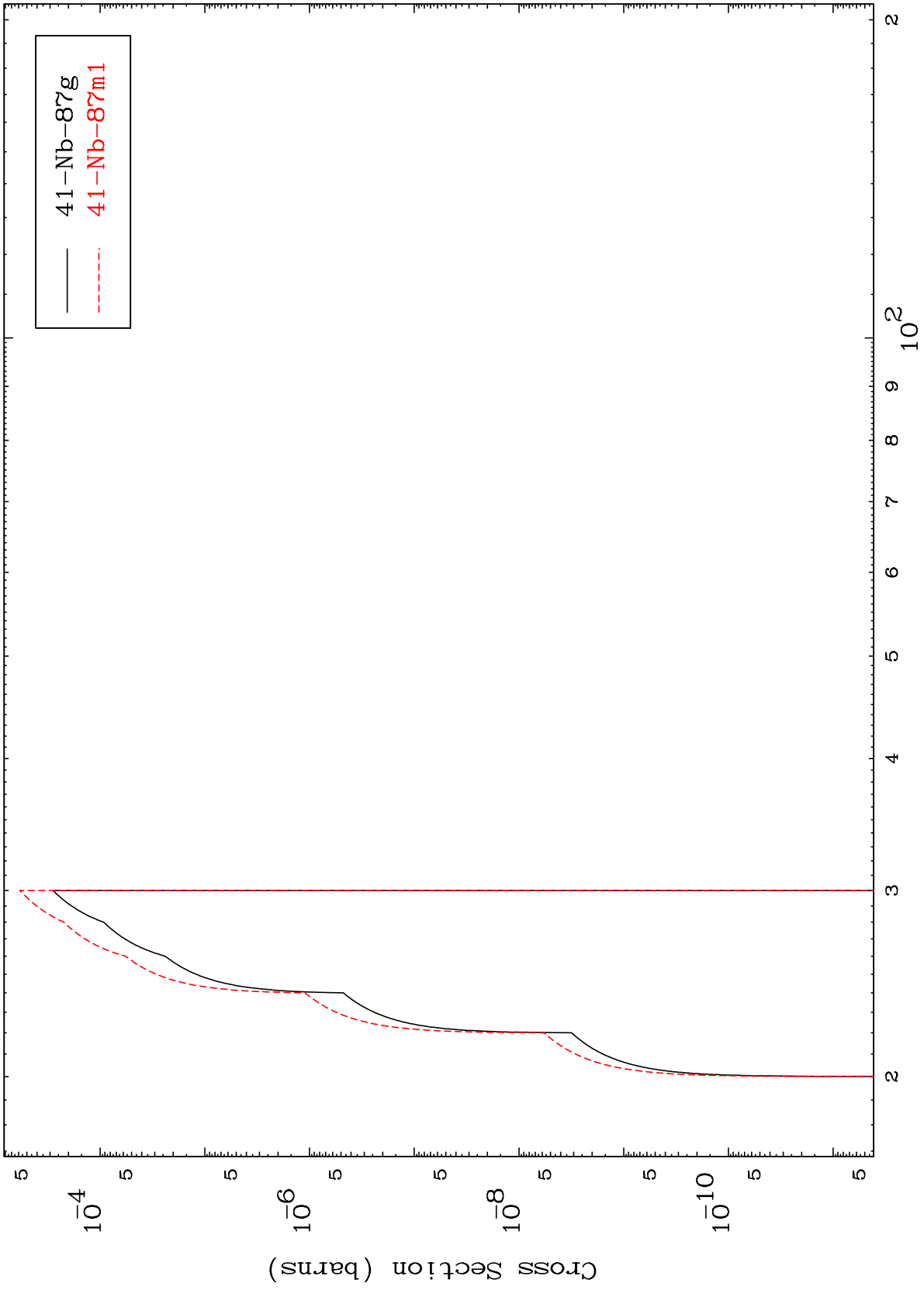
Incident Energy (MeV)

40-Zr-86

MAT 4013

40-Zr-86

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

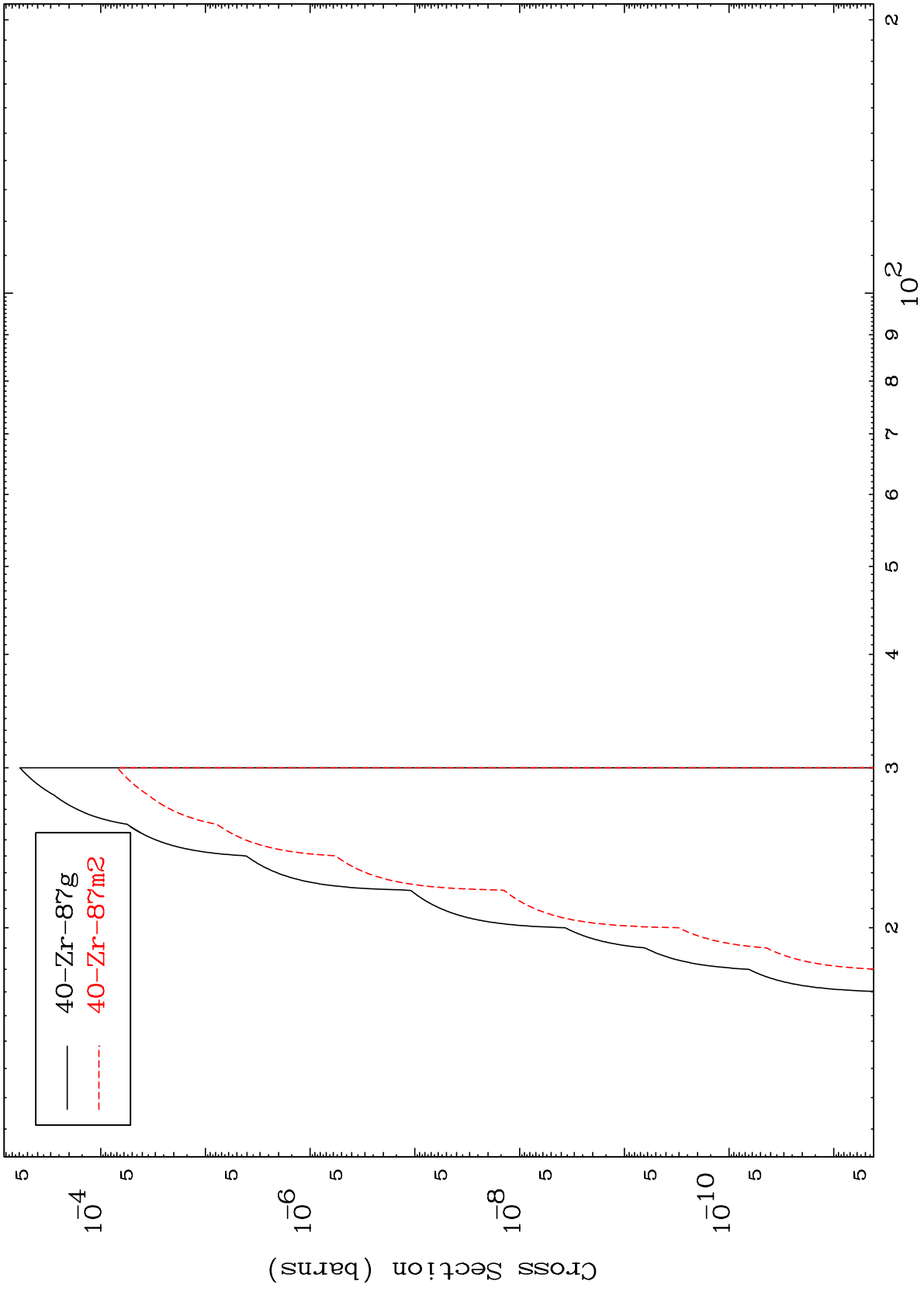
40-Zr-86

MAT 4013

($\alpha, \text{He-3}$)

40-Zr-86

Radionuclide Production Cross Section



21

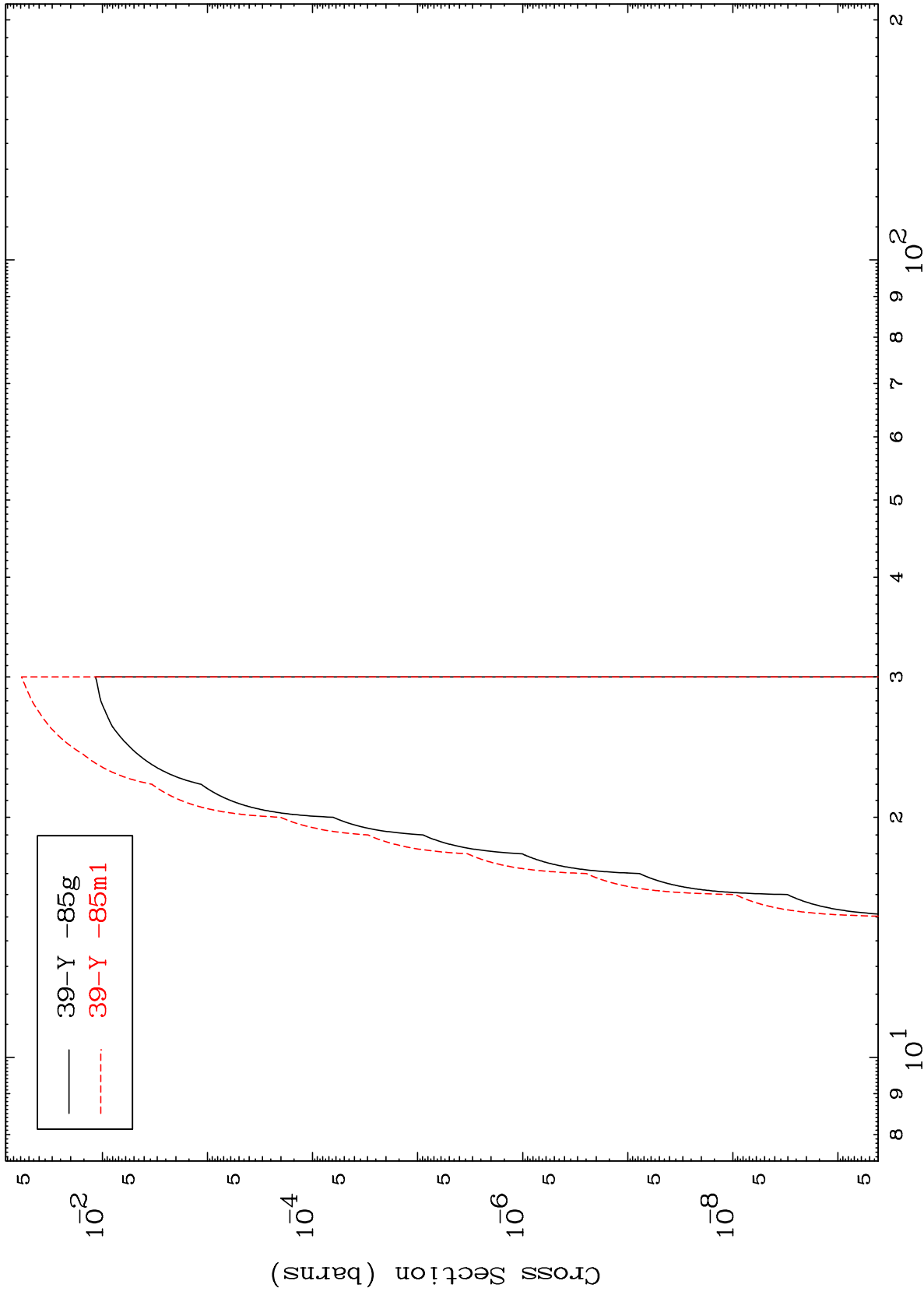
40-Zr-86

MAT 4013

(α, p) α

40-Zr-86

Radionuclide Production Cross Section



22

Incident Energy (MeV)

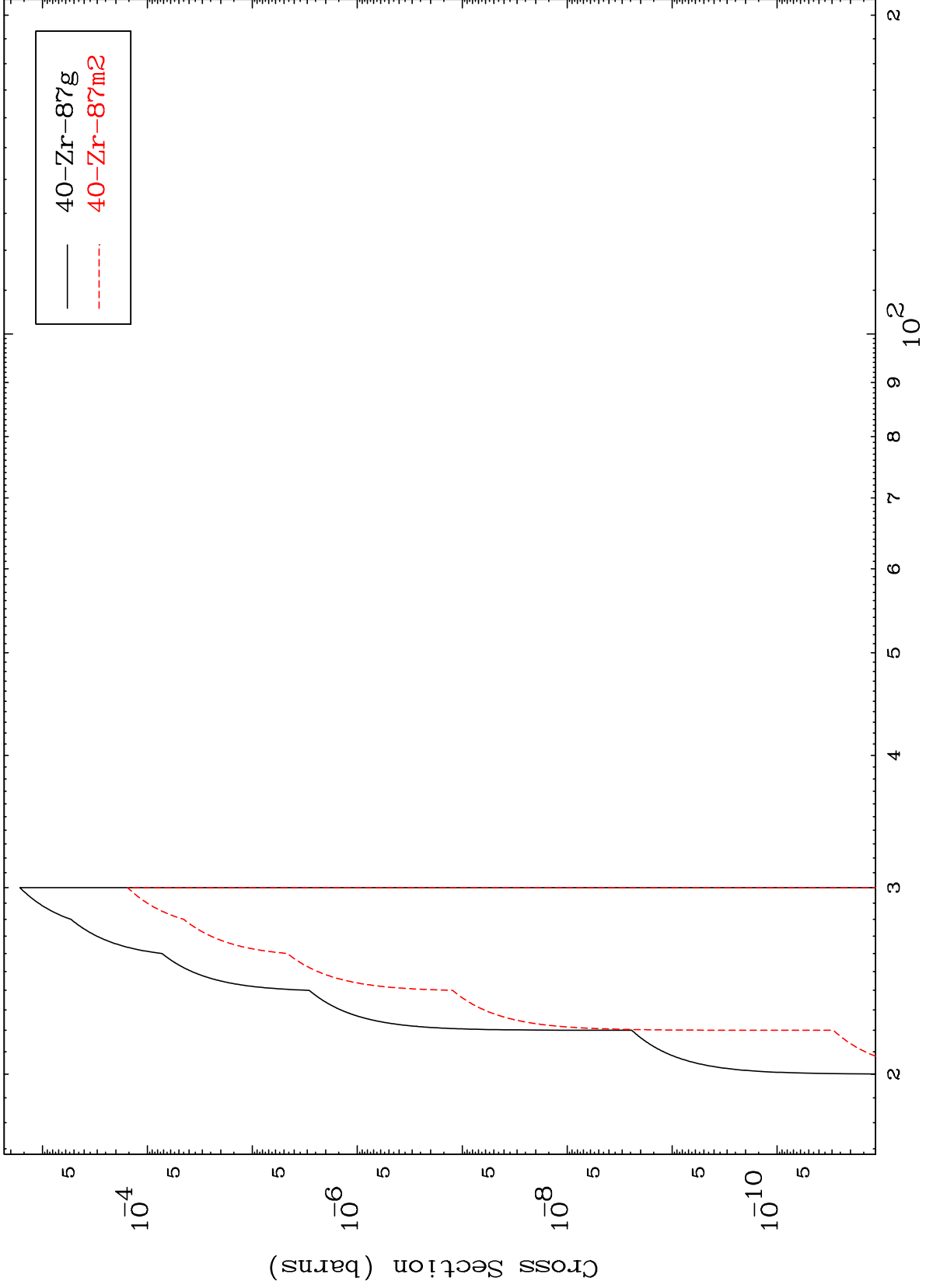
40-Zr-86

MAT 4013

(α, p) d

40-Zr-86

Radionuclide Production Cross Section



23

Incident Energy (MeV)

40-Zr-86