

Program EVALPLOT
(Version 2018-1)

by

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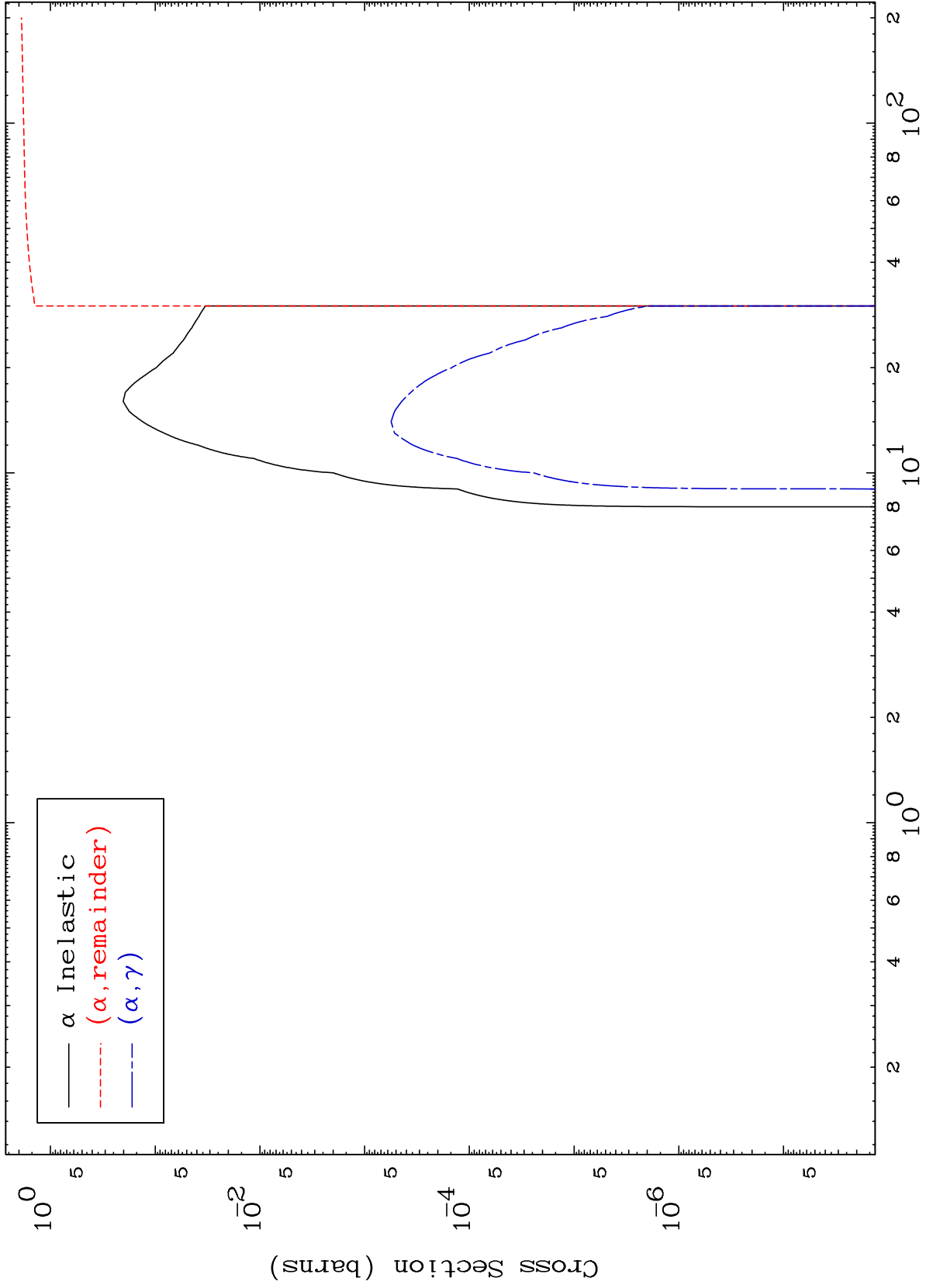
Press Mouse Button to Start

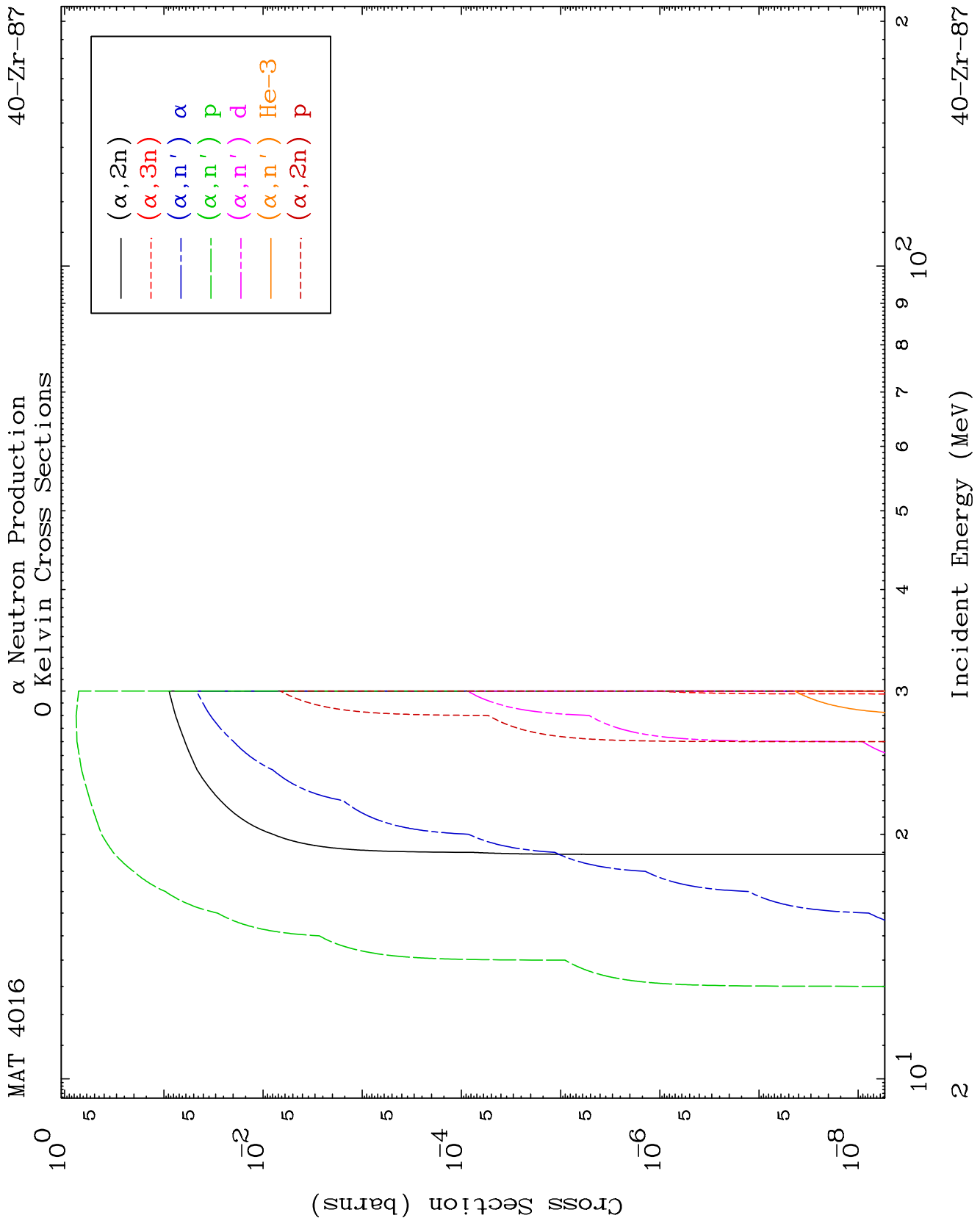
MAT 4016

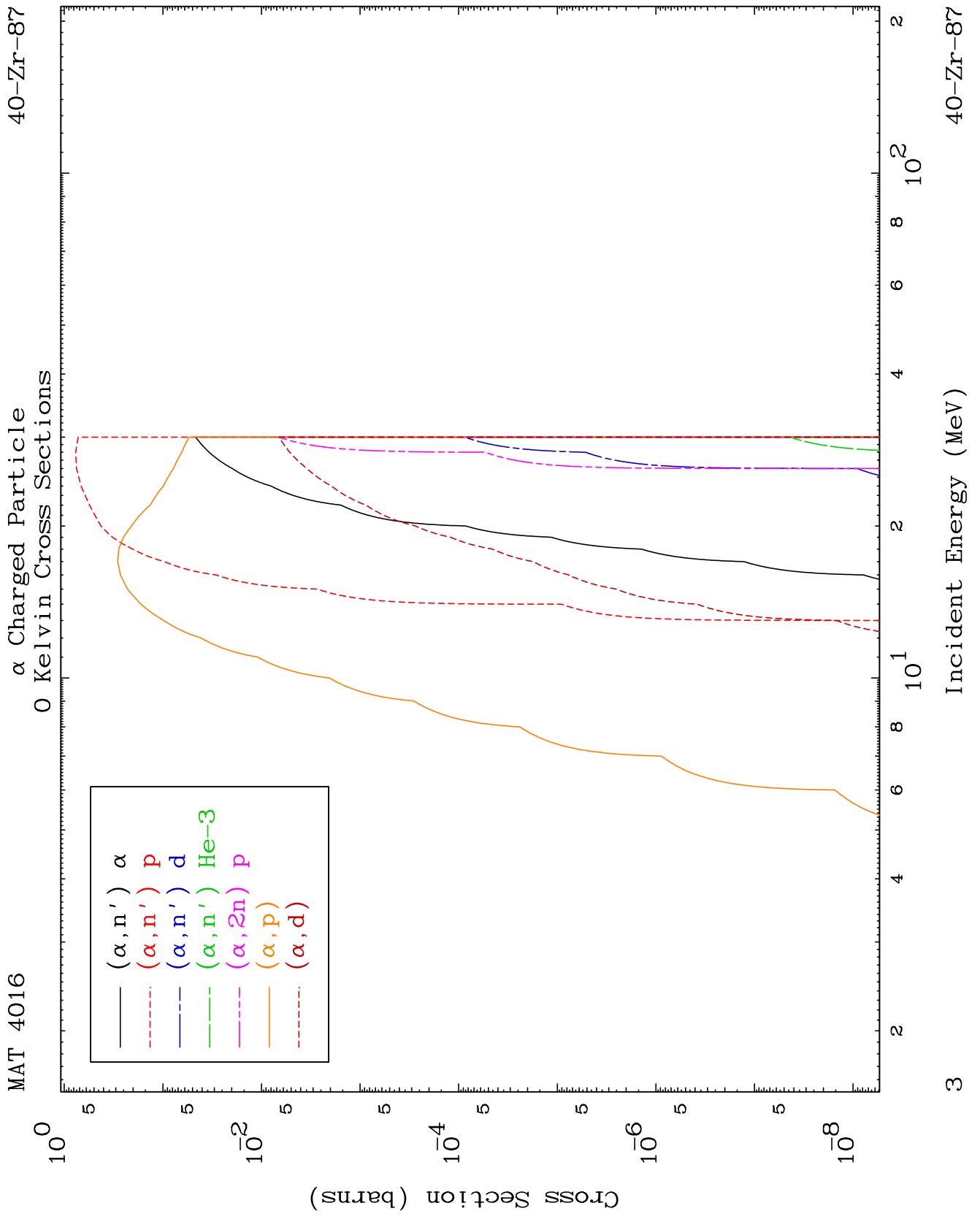
α Major

40-Zr-87

0 Kelvin Cross Sections



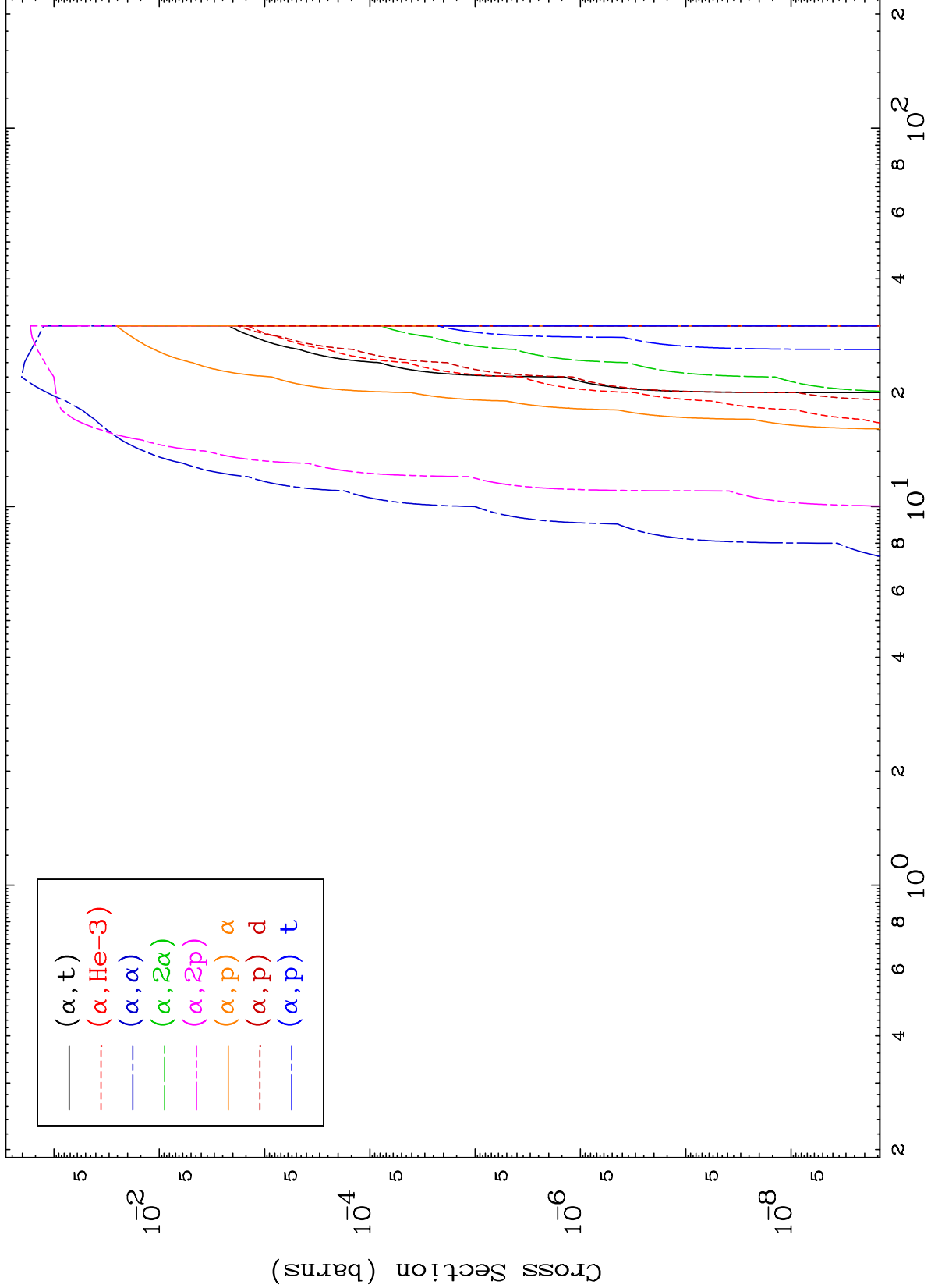




MAT 4016

α Charged Particle
0 Kelvin Cross Sections

40-Zr-87

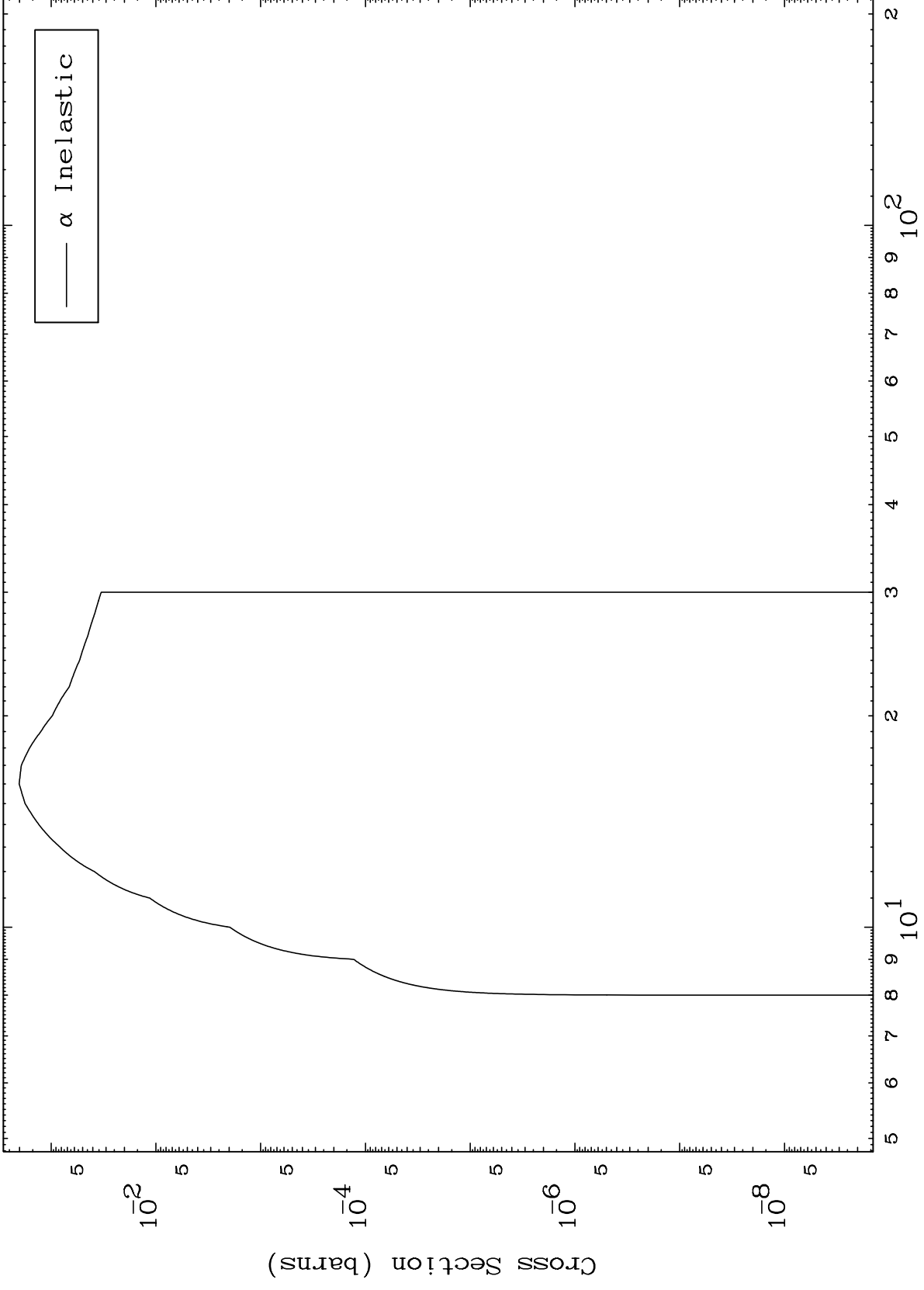


MAT 4016

(α, n') Level

40-Zr-87

0 Kelvin Cross Sections



— α Inelastic

5

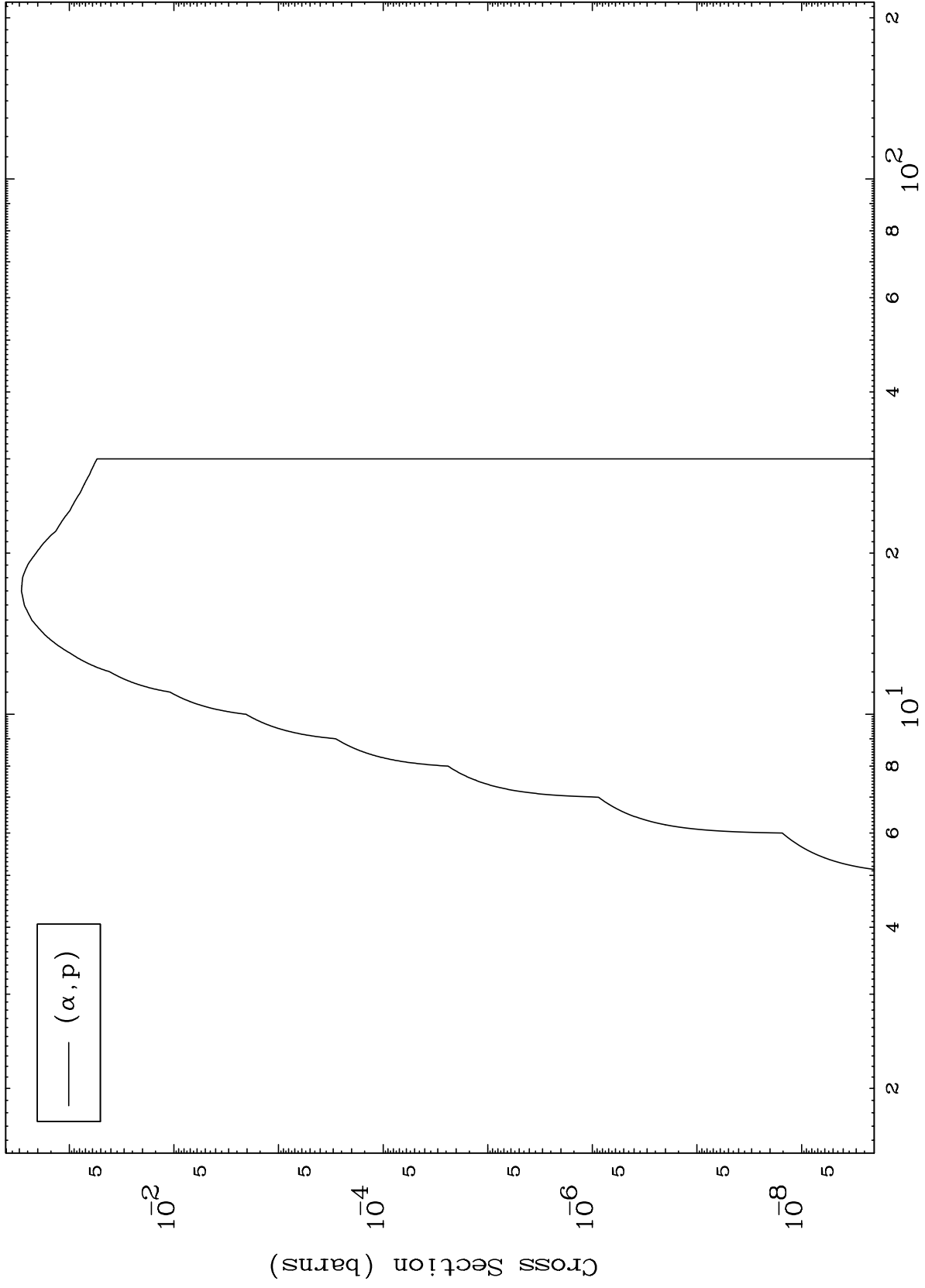
Incident Energy (MeV)

40-Zr-87

MAT 4016

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-87



6

Incident Energy (MeV)

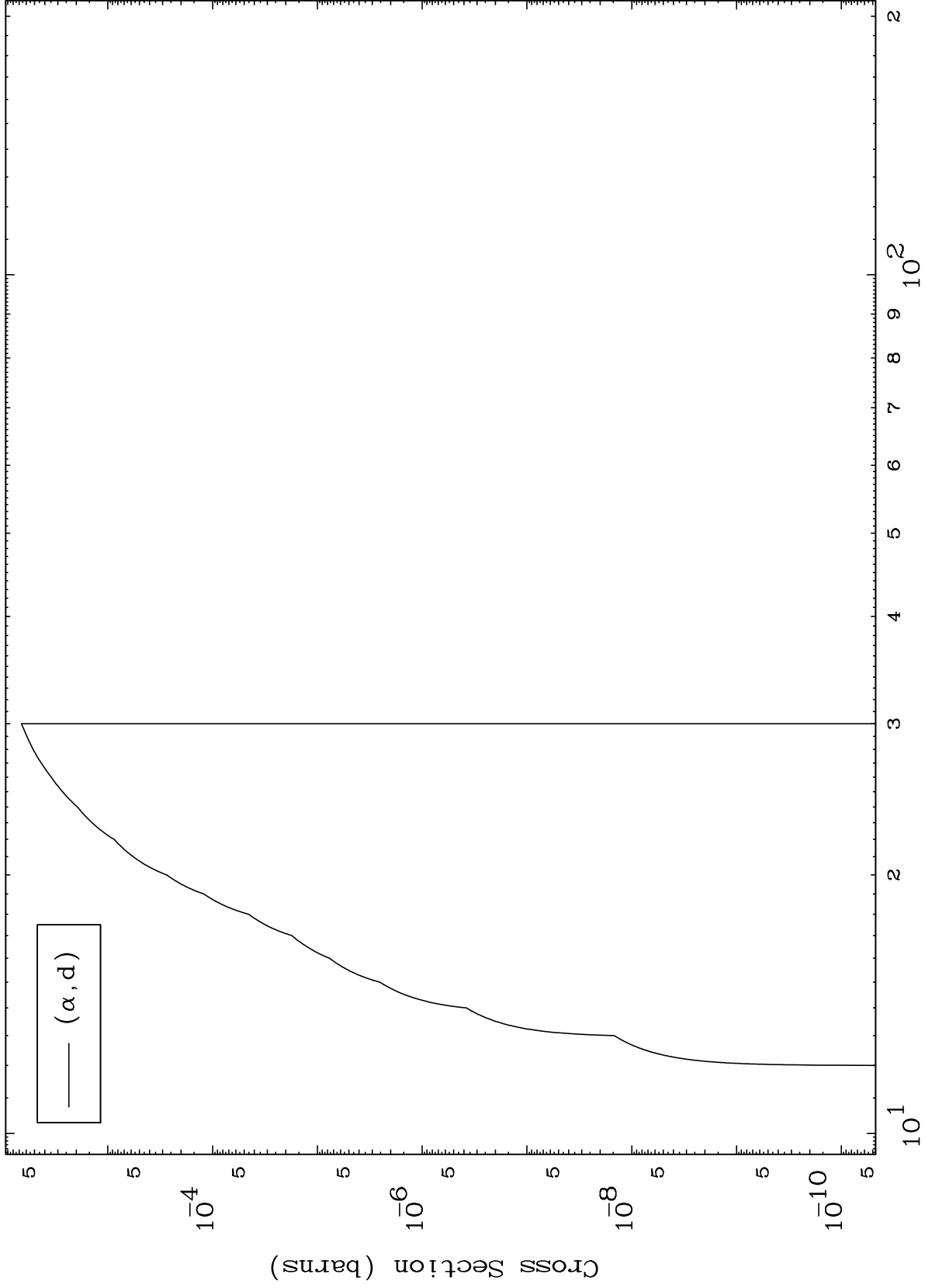
40-Zr-87

MAT 4016

(α, d) Levels

40-Zr-87

0 Kelvin Cross Sections



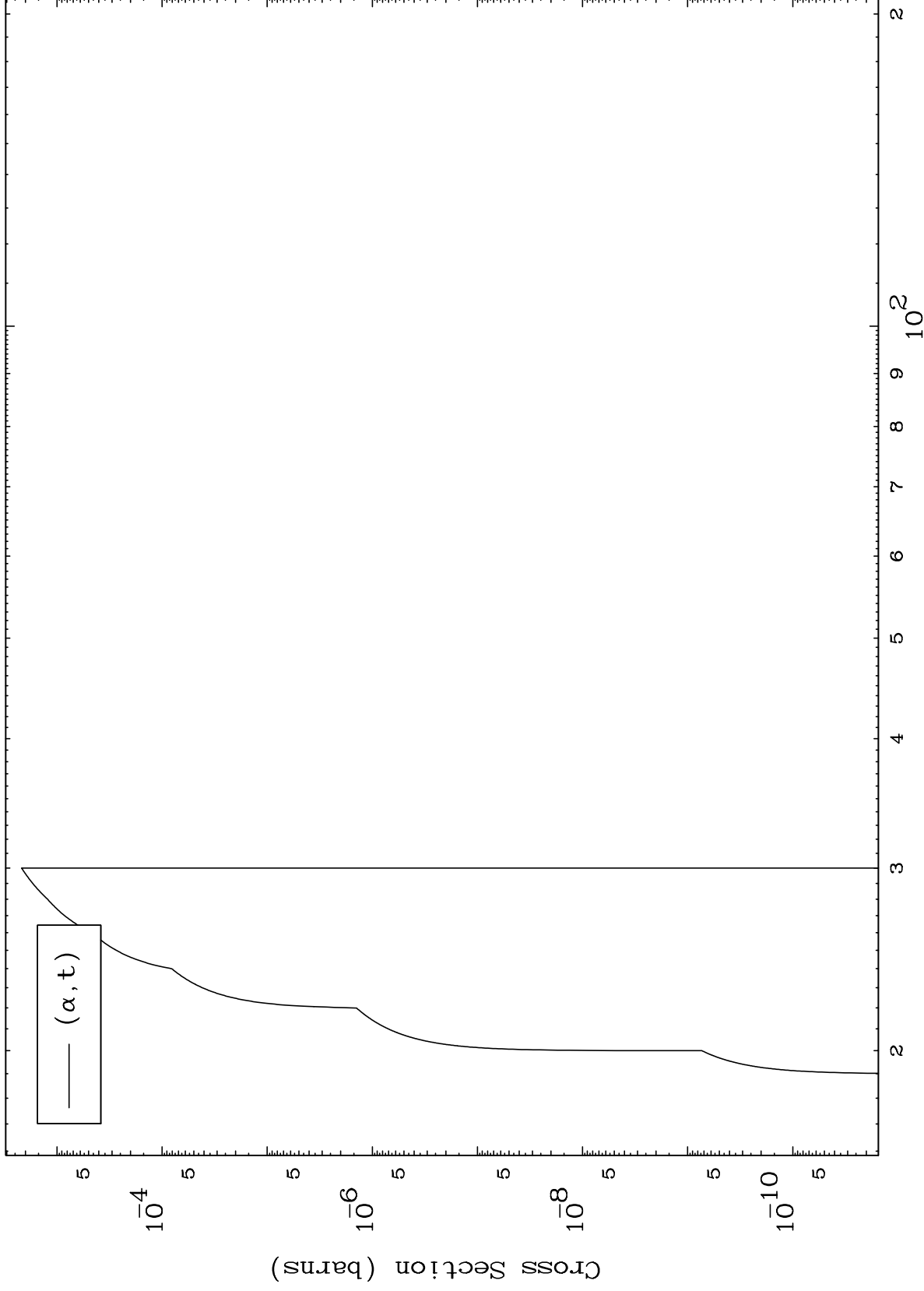
Incident Energy (MeV)

40-Zr-87

MAT 4016

(α, t) Levels
0 Kelvin Cross Sections

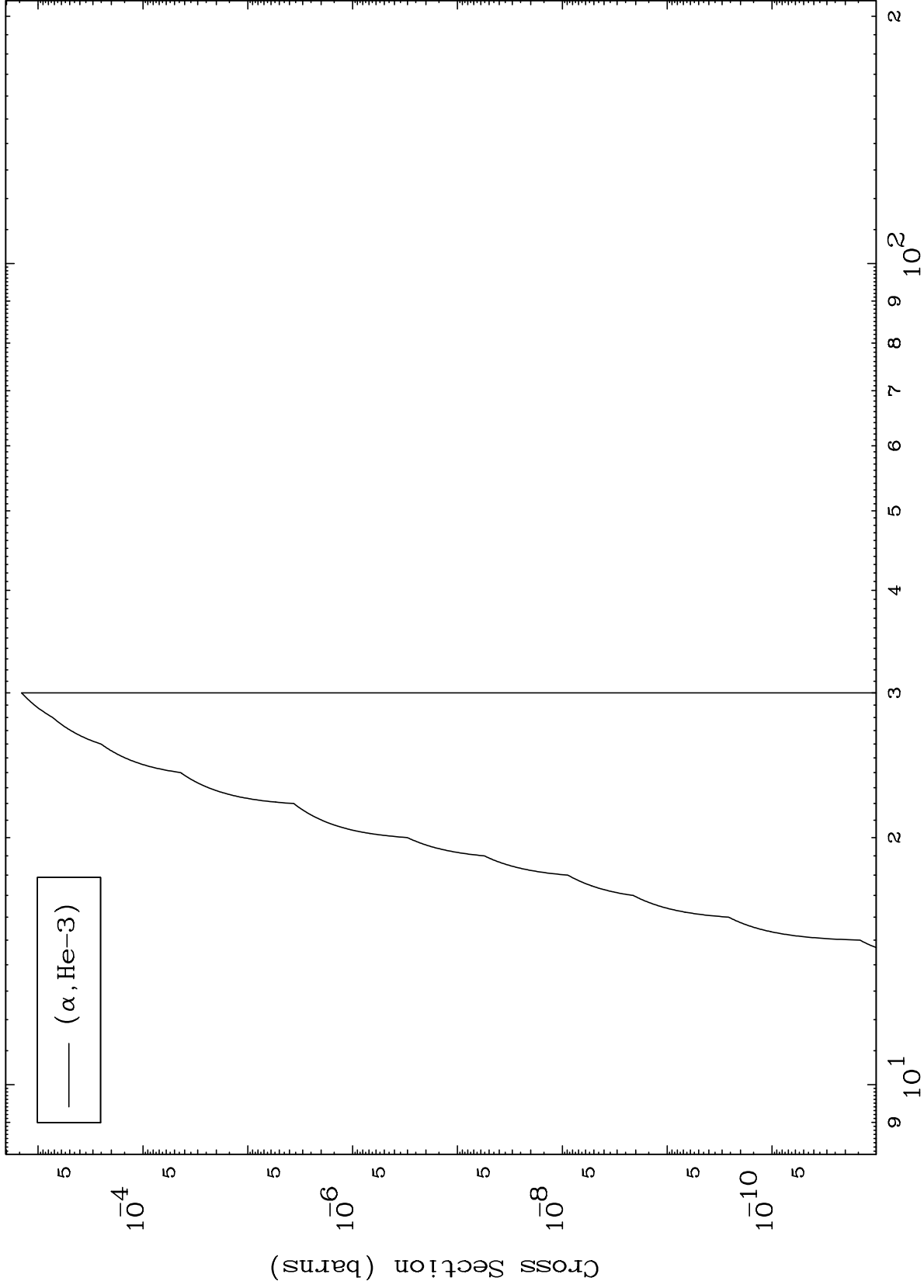
40-Zr-87



MAT 4016

(α ,He3) Levels
0 Kelvin Cross Sections

40-Zr-87



9

Incident Energy (MeV)

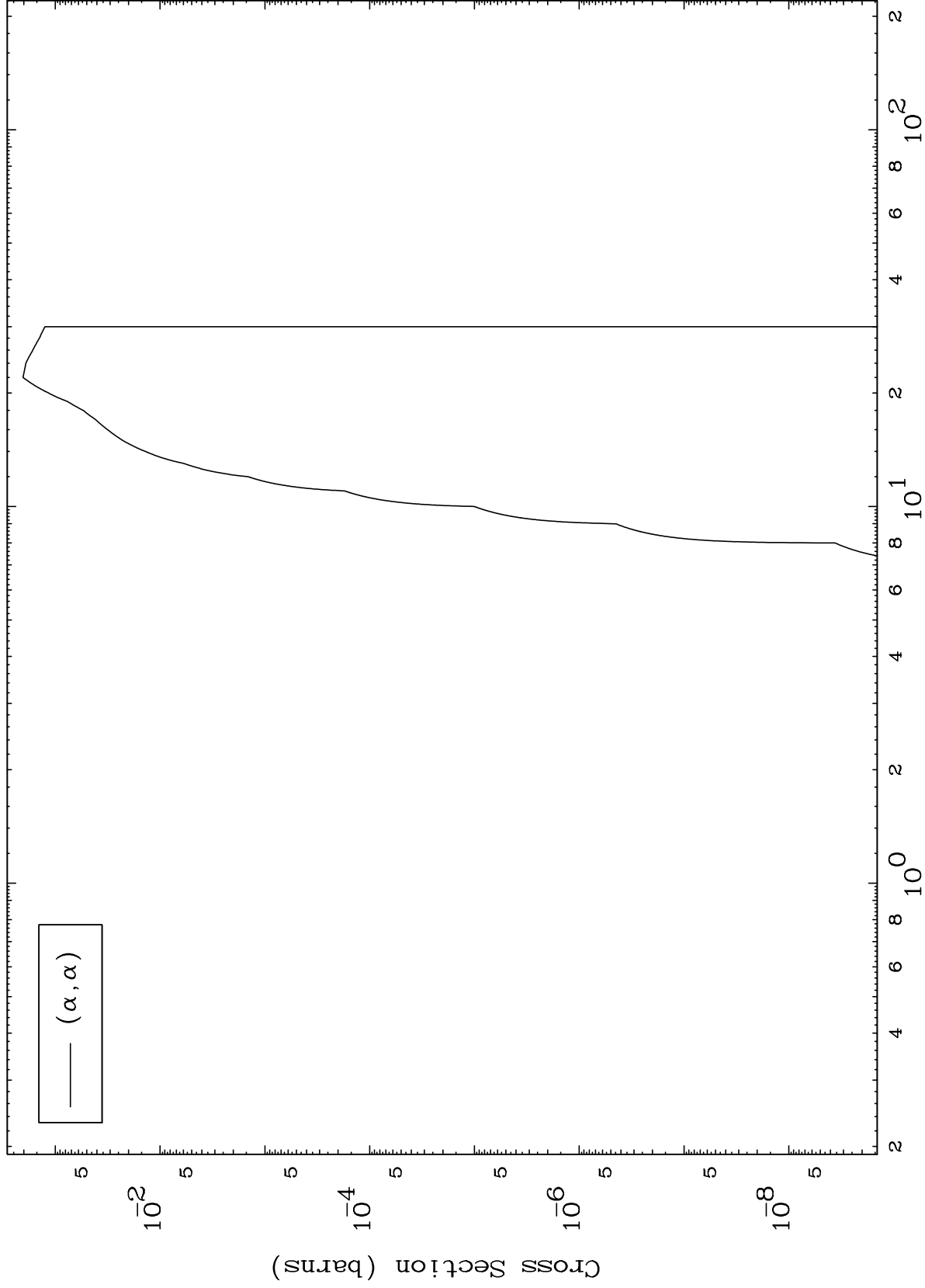
40-Zr-87

MAT 4016

(α, α) Levels

40-Zr-87

0 Kelvin Cross Sections



10

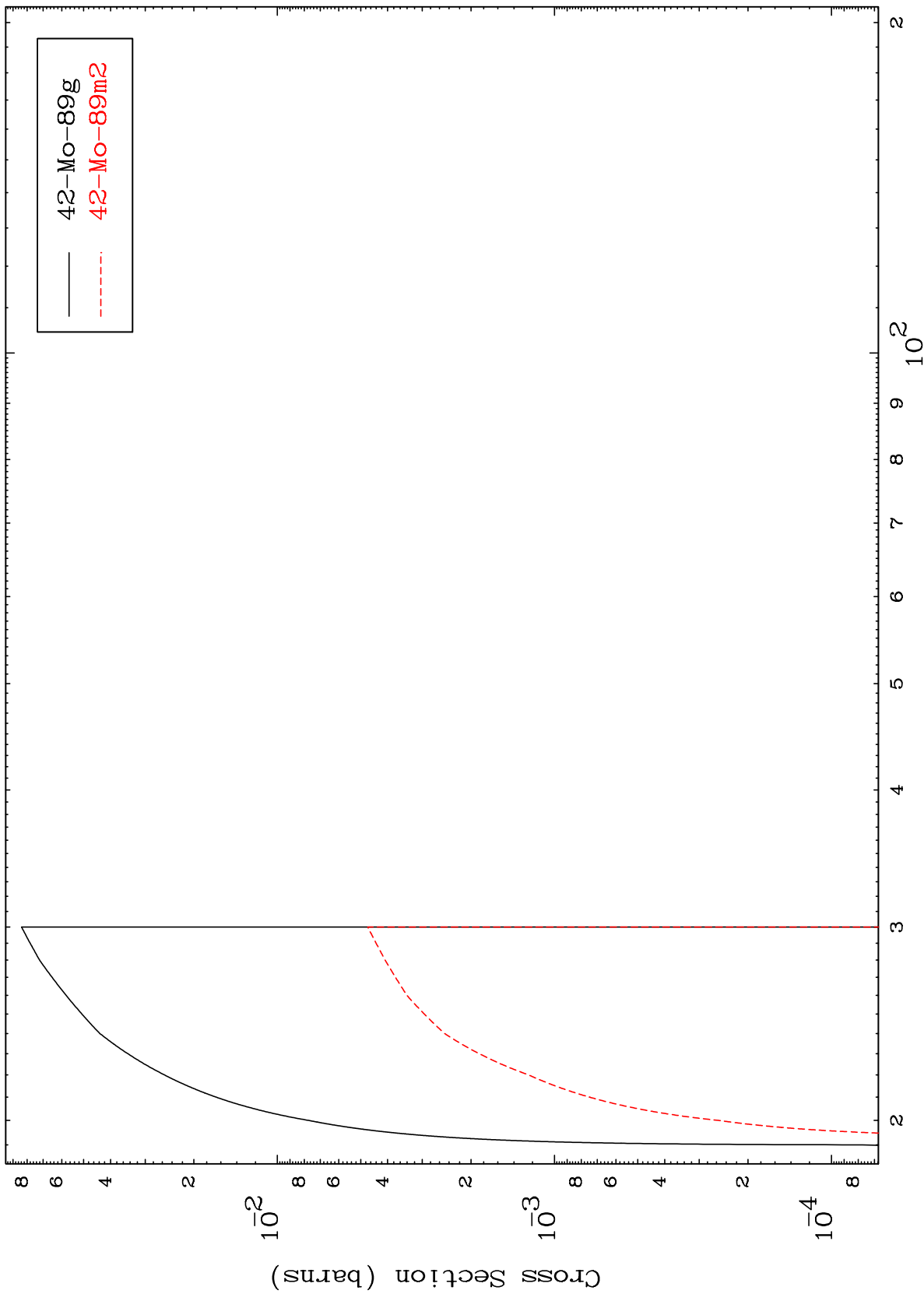
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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



40-Zr-87

Incident Energy (MeV)

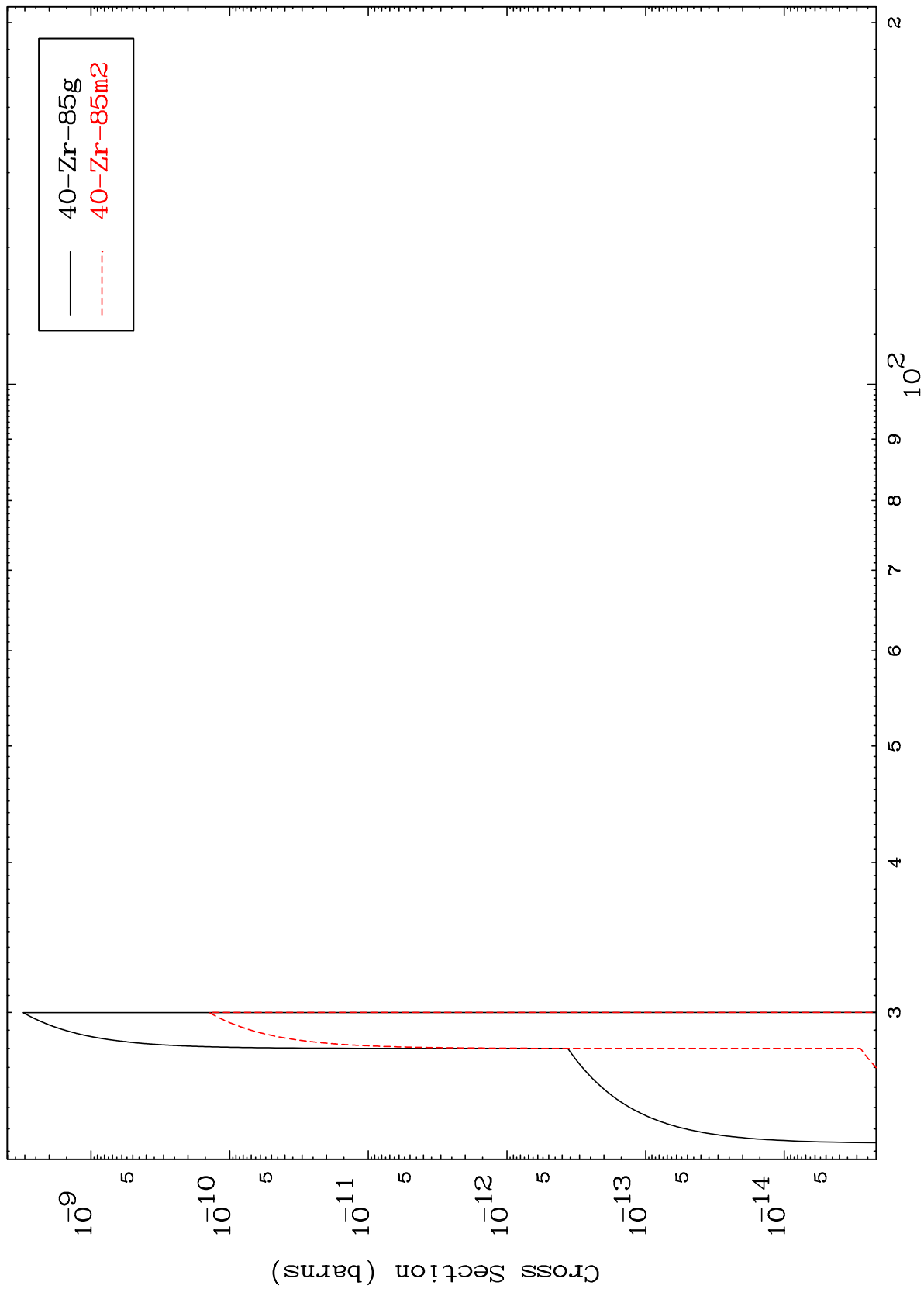
11

MAT 4016

$(\alpha, 2n)$ α

40-Zr-87

Radionuclide Production Cross Section

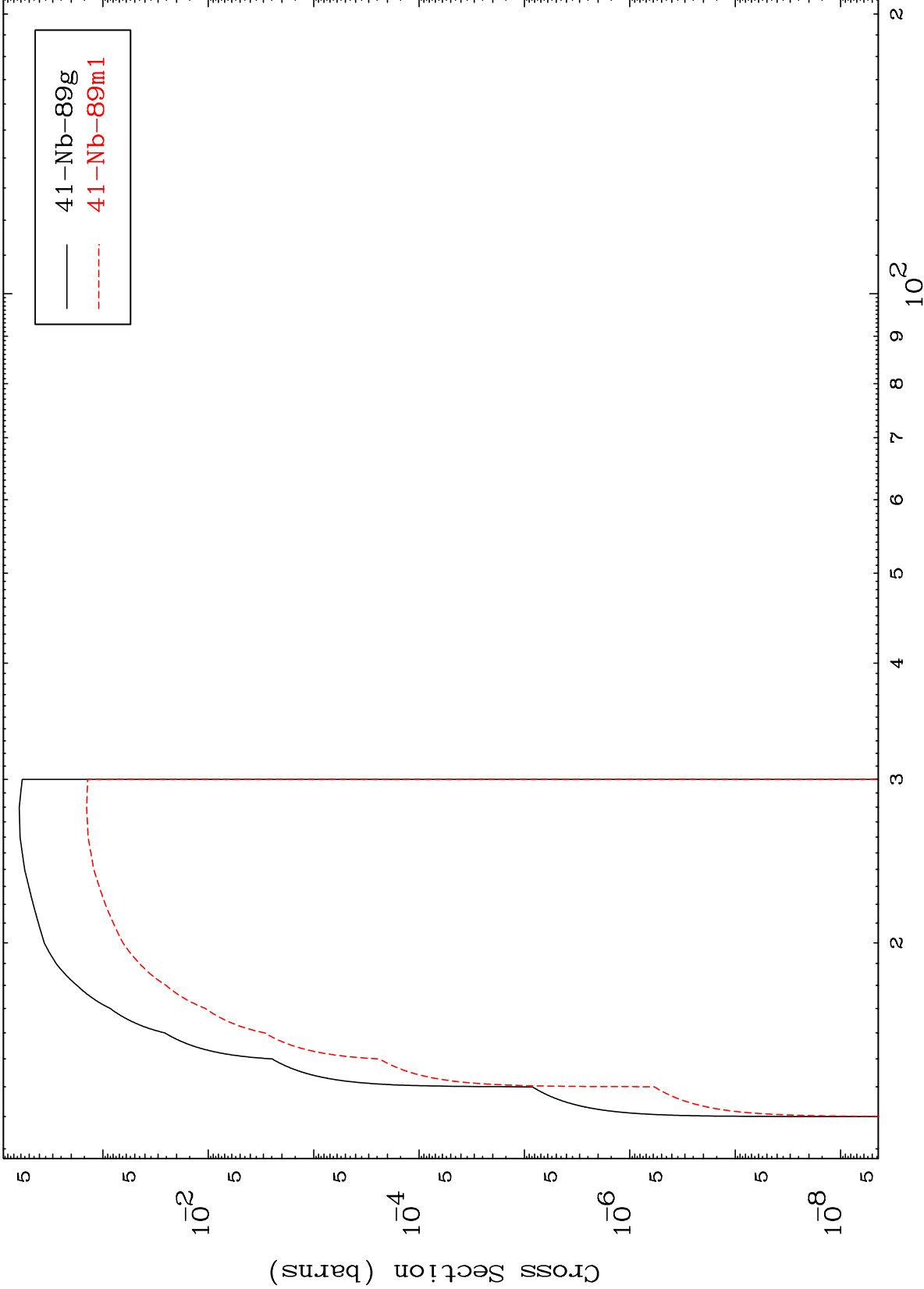


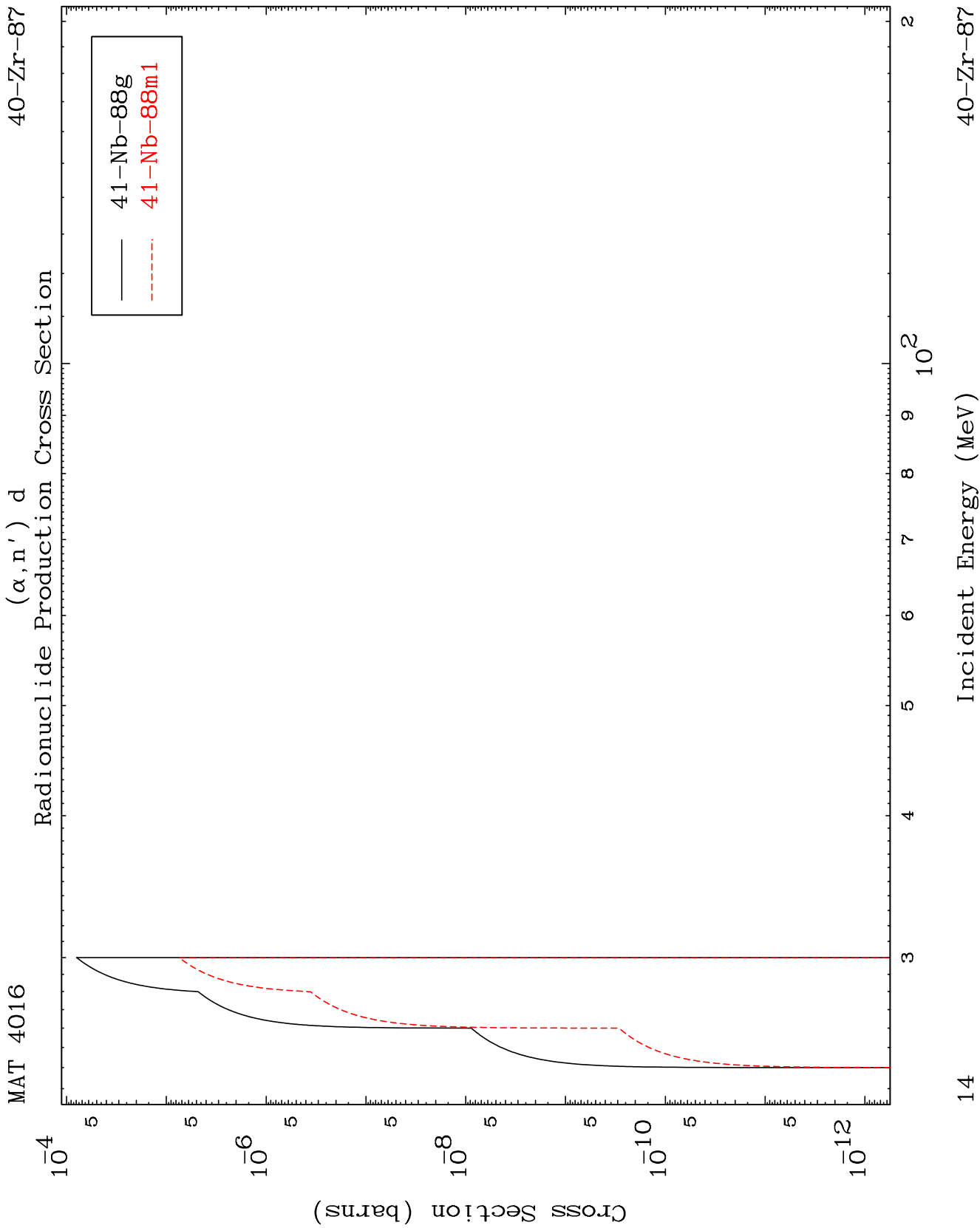
12

Incident Energy (MeV)

40-Zr-87

Radionuclide Production Cross Section



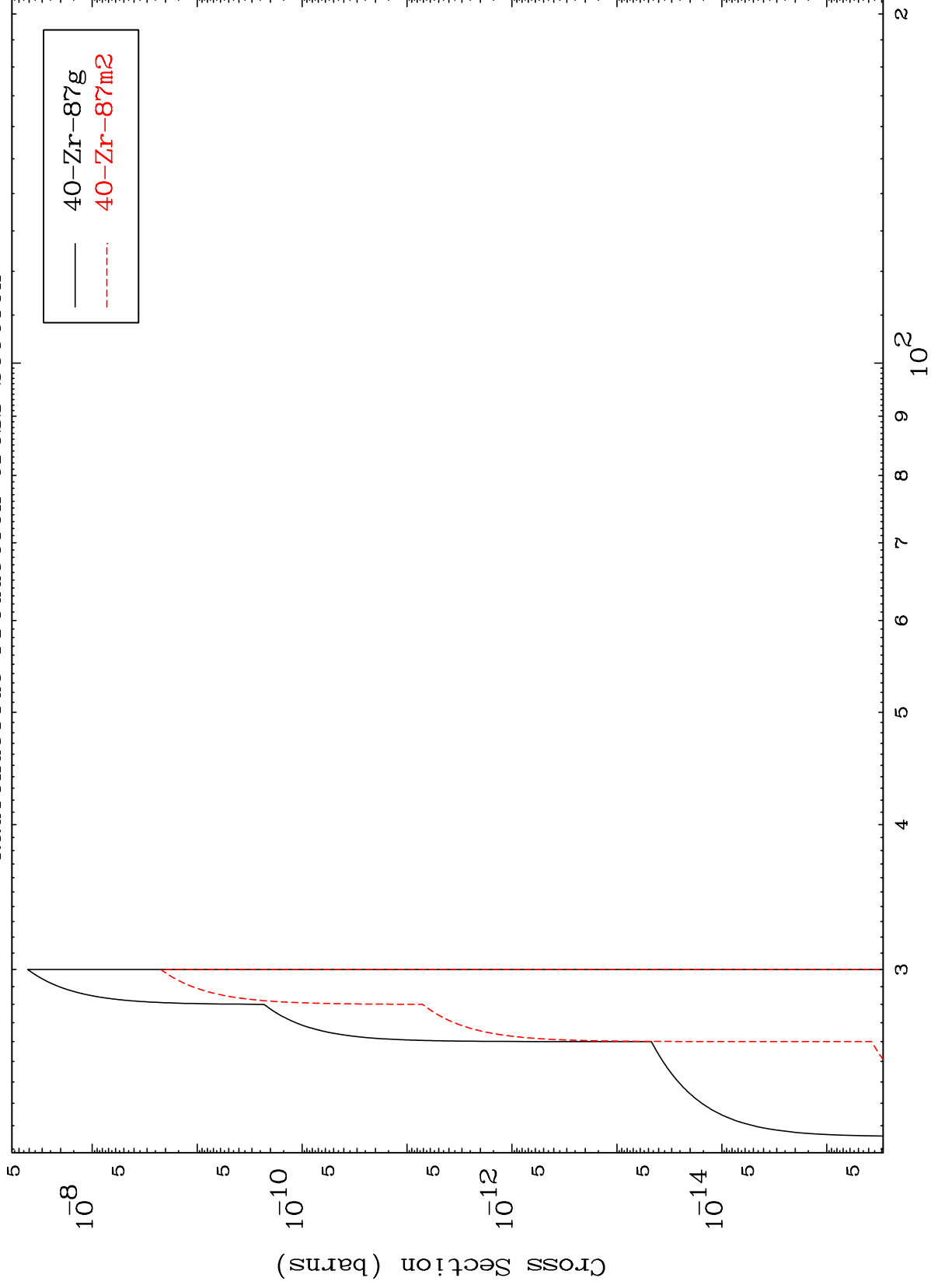


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(α, n') He-3

40-Zr-87

Radionuclide Production Cross Section



15

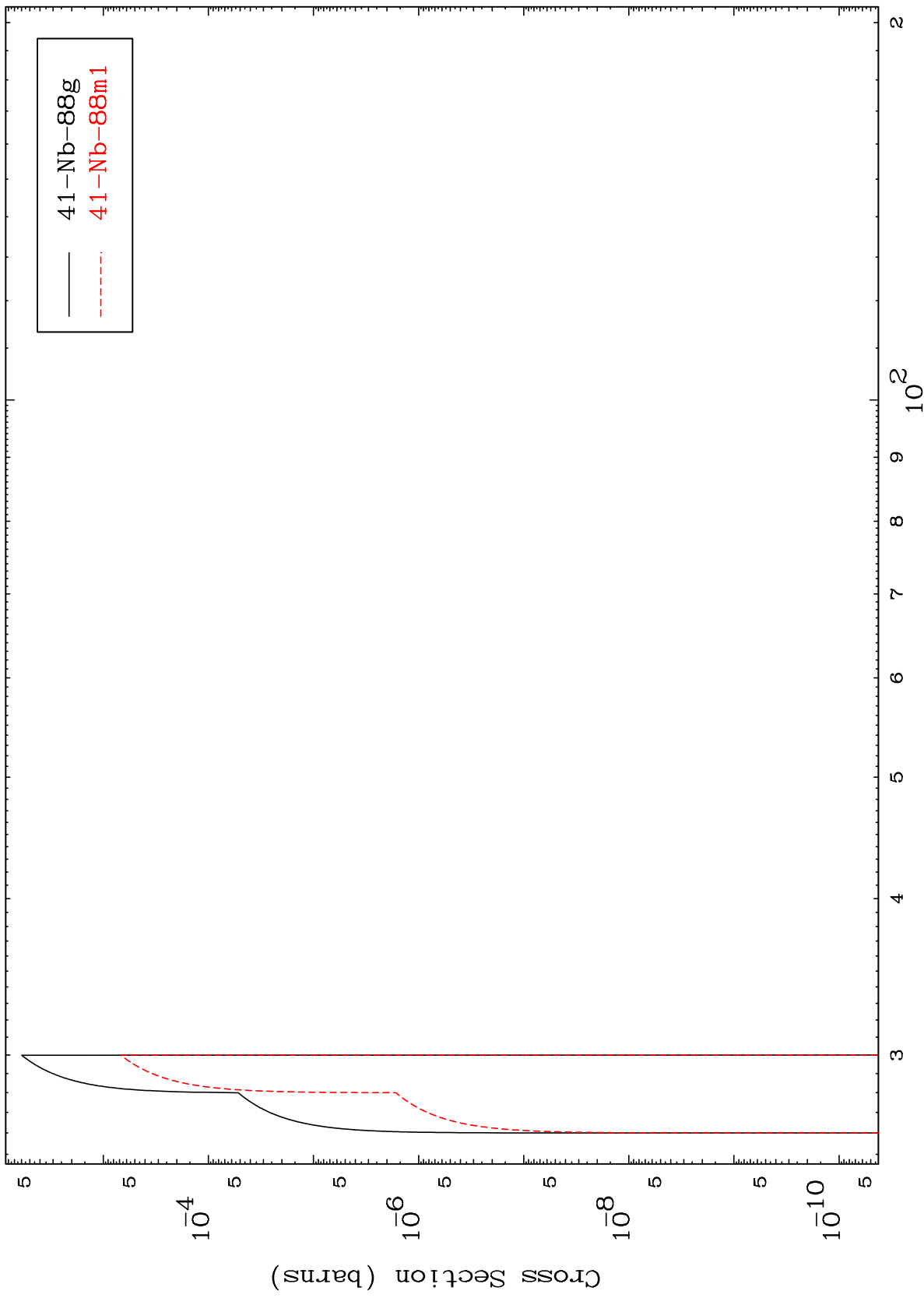
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

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



40-Zr-87

Incident Energy (MeV)

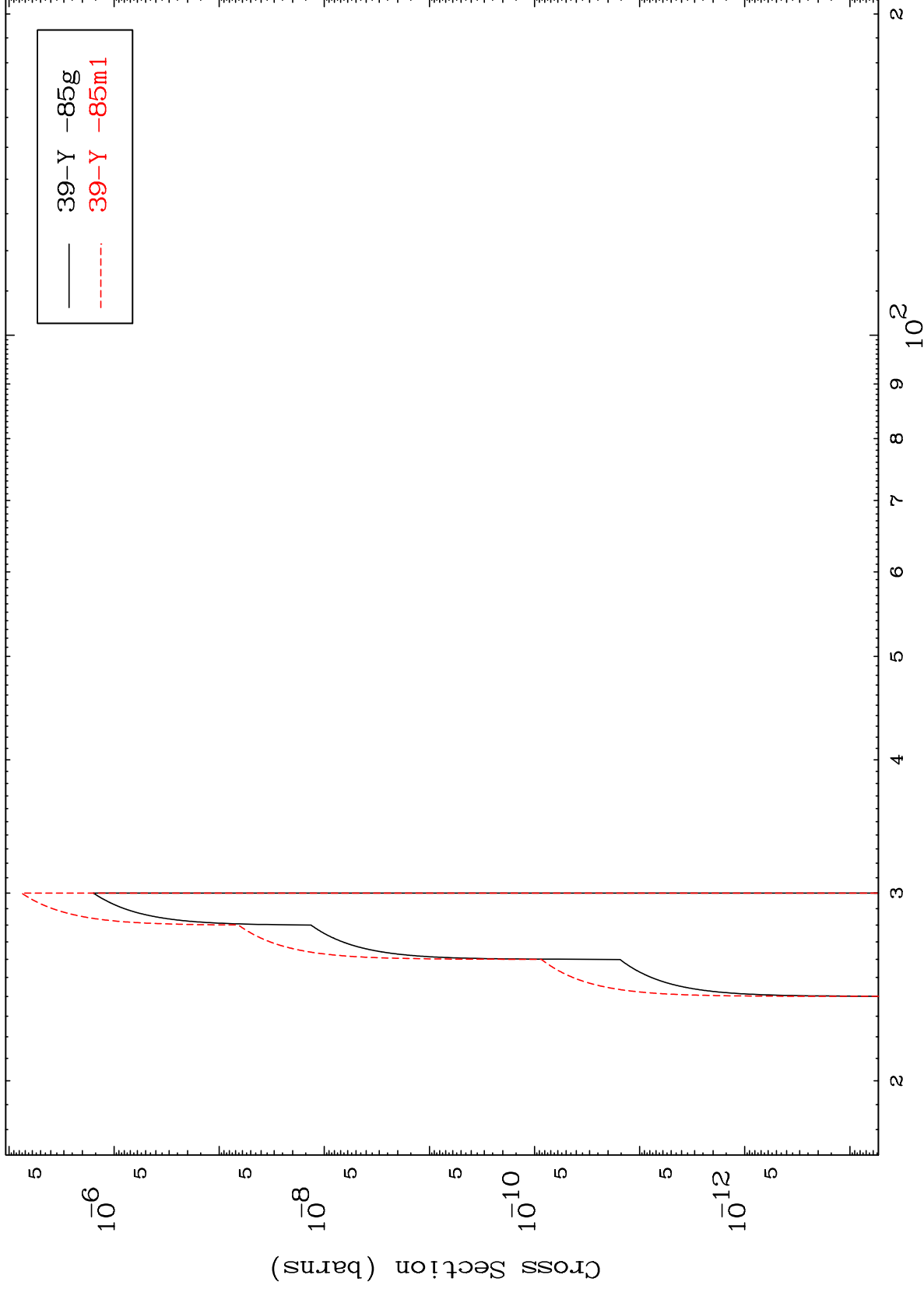
16

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(α, n') p α

40-Zr-87

Radionuclide Production Cross Section



17

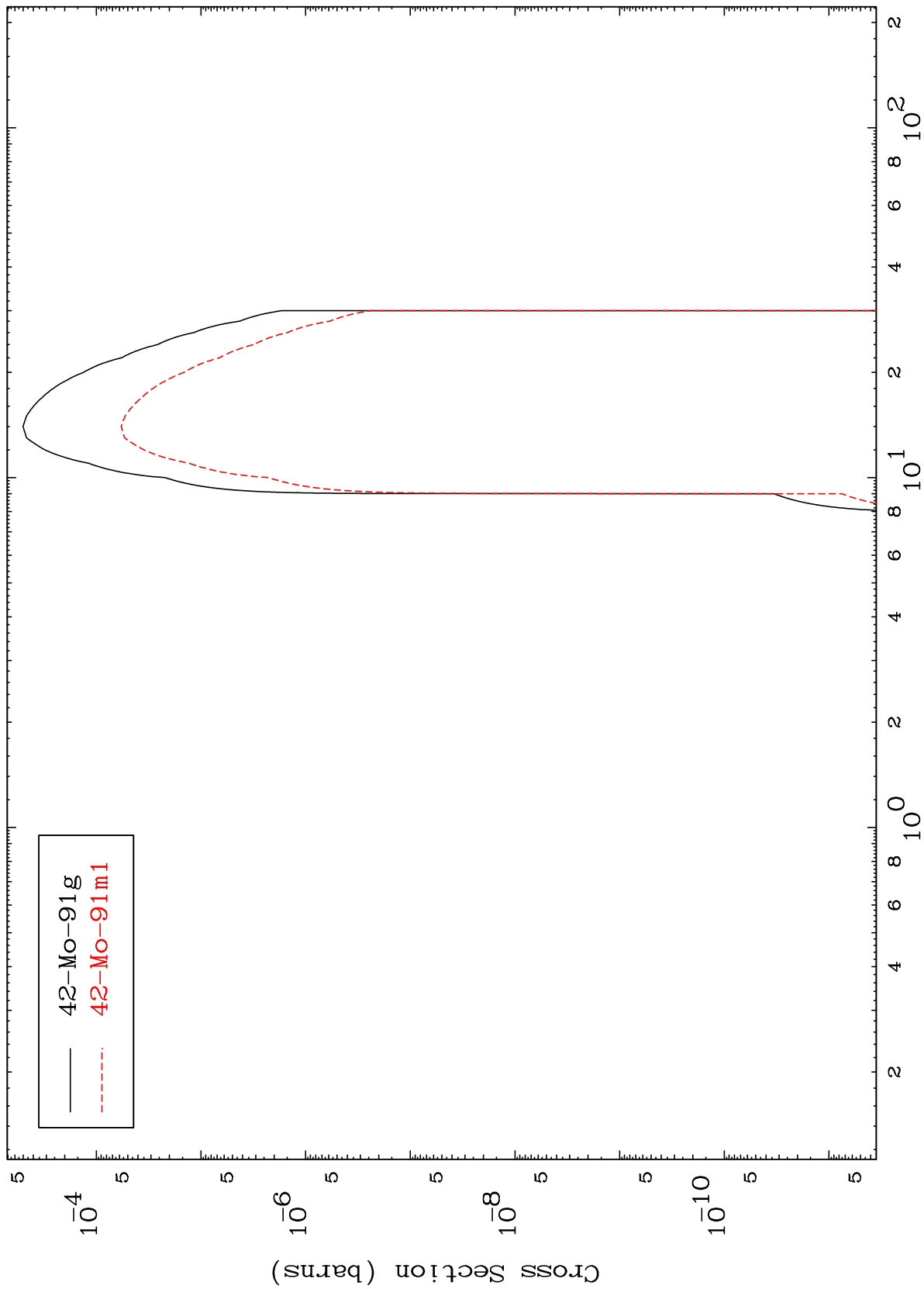
Incident Energy (MeV)

40-Zr-87

MAT 4016

40-Zr-87

Radionuclide Production Cross Section
(α, γ)



— 42-Mo-91g
- - - 42-Mo-91m1

40-Zr-87

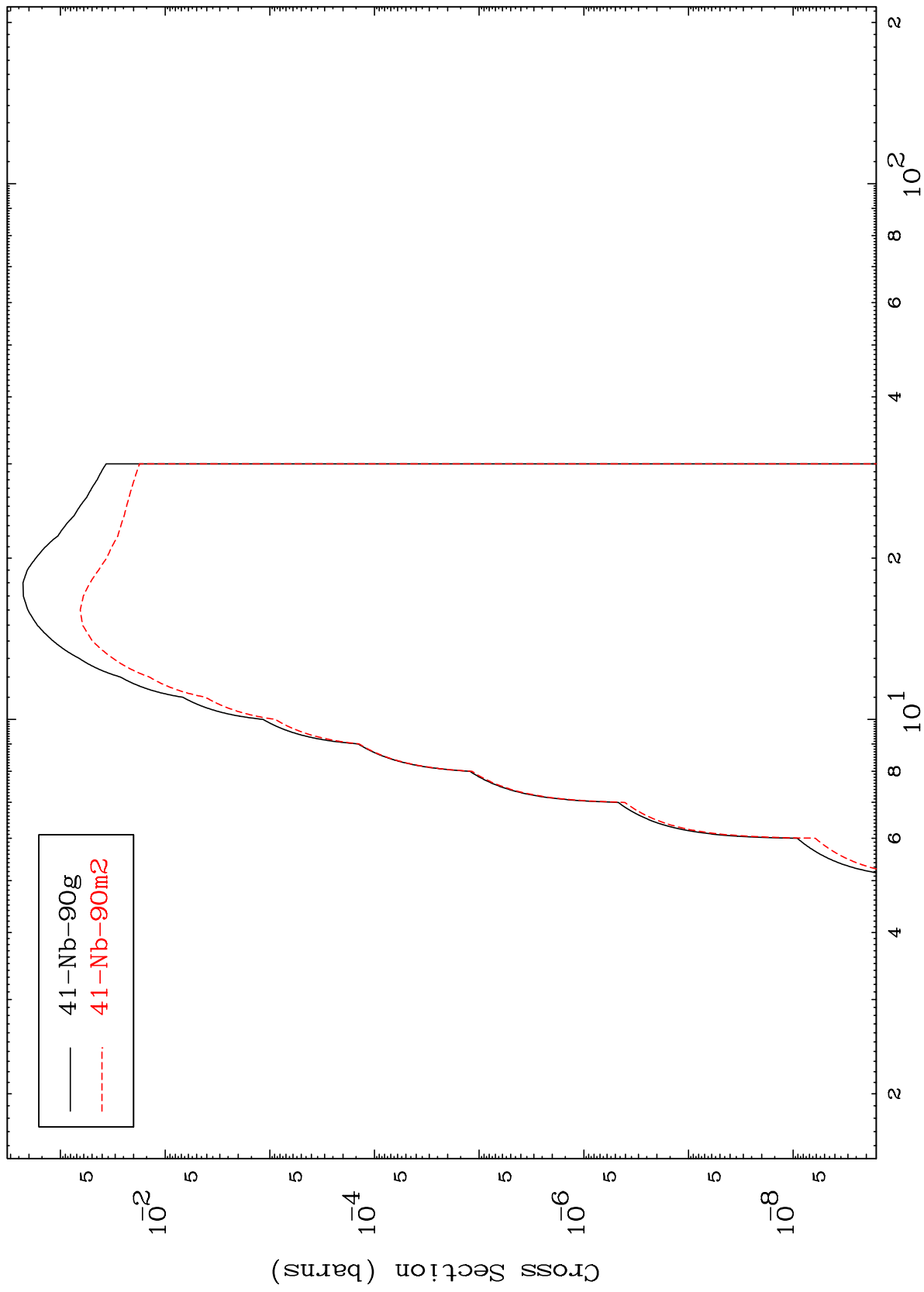
Incident Energy (MeV)

18

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40-Zr-87

(α, p)
Radionuclide Production Cross Section



19

40-Zr-87

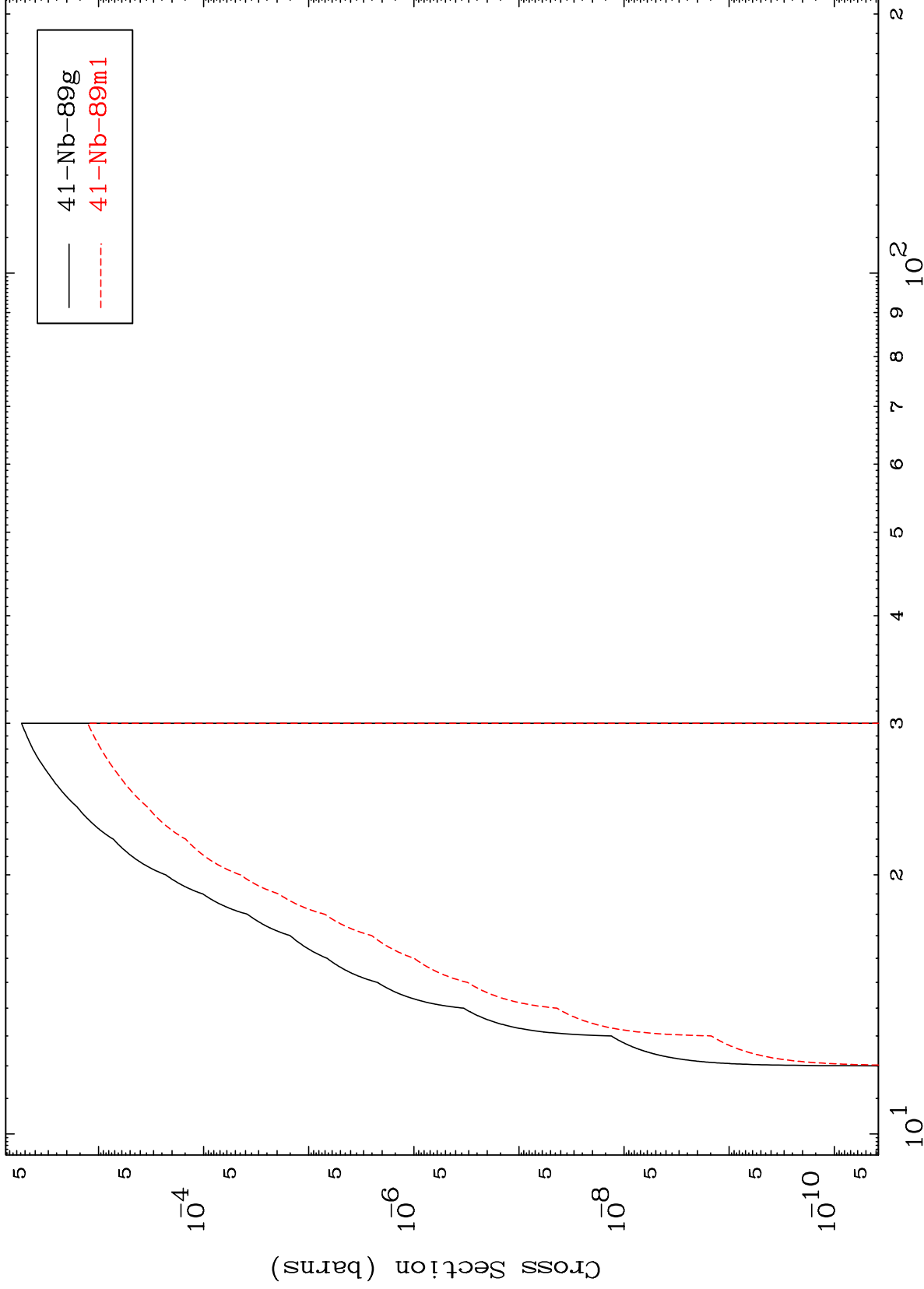
Incident Energy (MeV)

MAT 4016

(α, d)

40-Zr-87

Radionuclide Production Cross Section



Incident Energy (MeV)

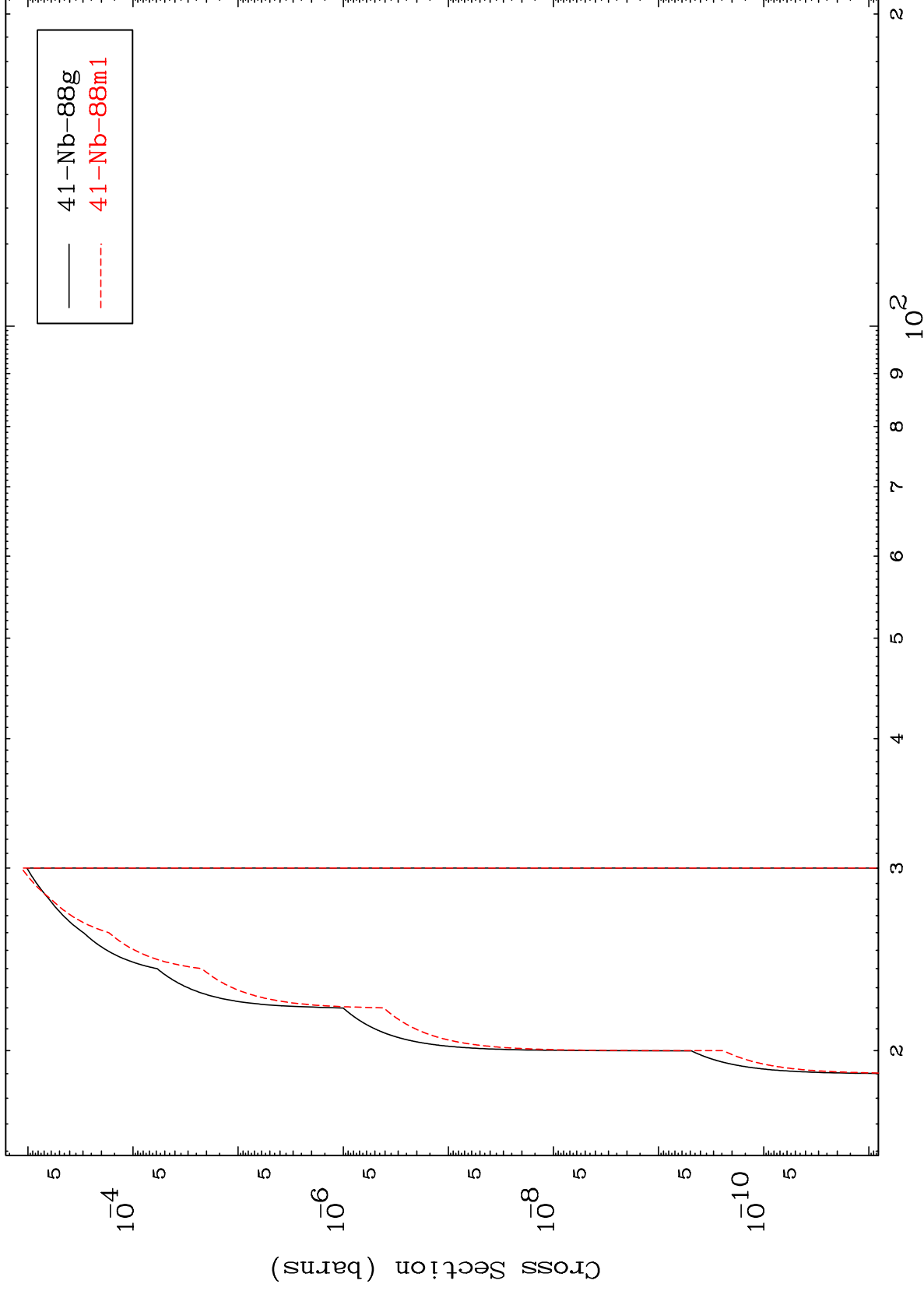
40-Zr-87

MAT 4016

(α, t)

40-Zr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

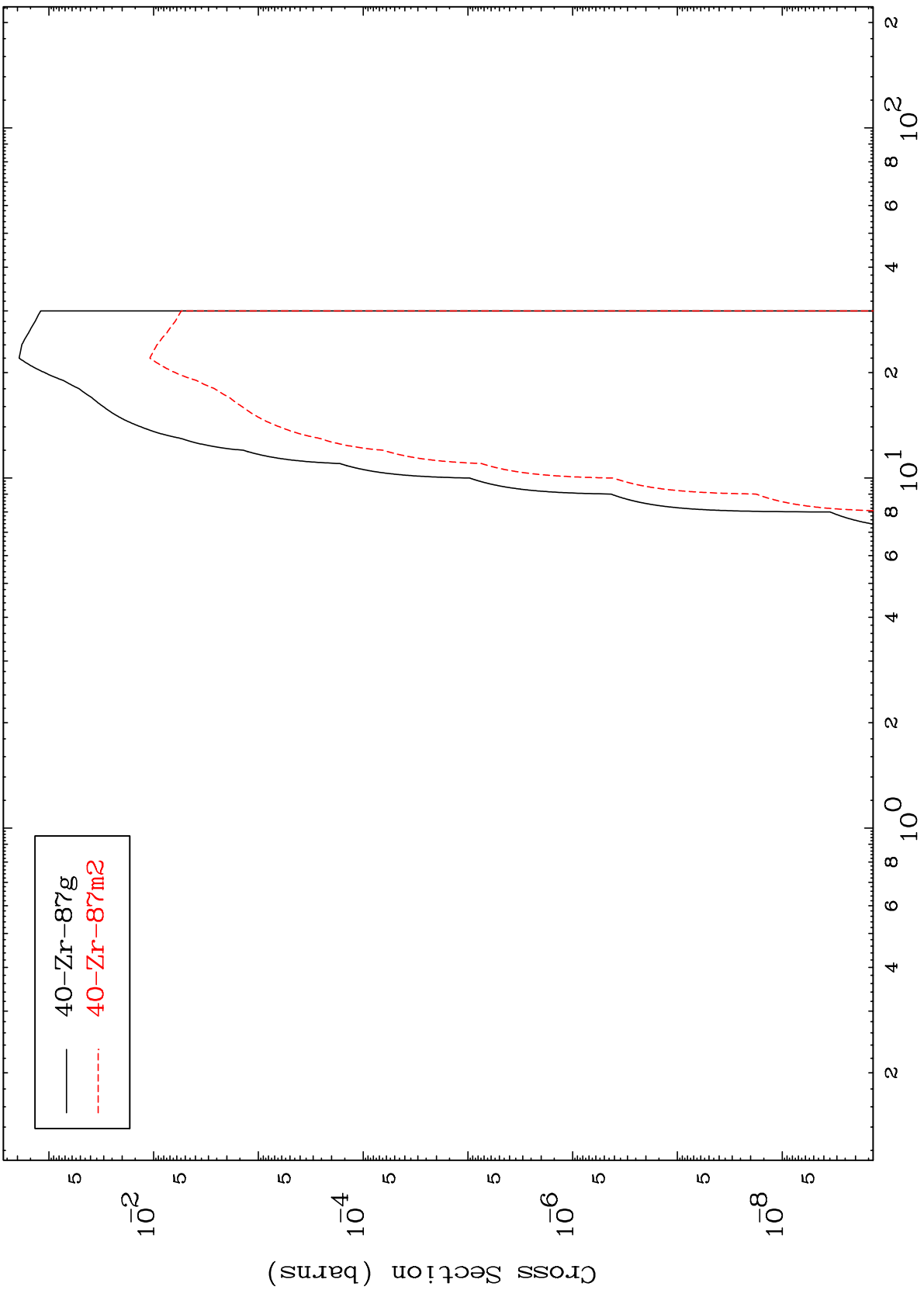
40-Zr-87

MAT 4016

(α, α)

40-Zr-87

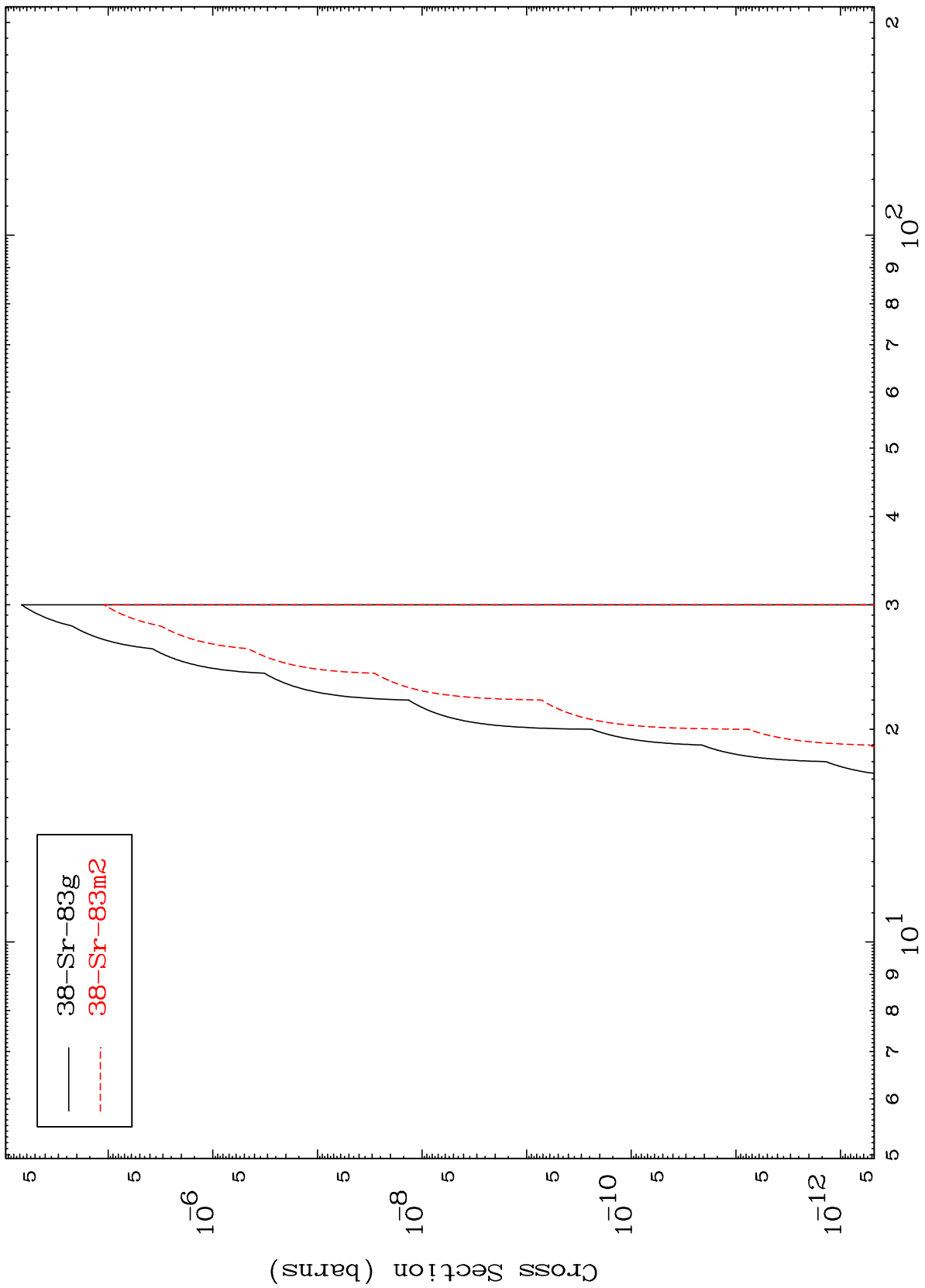
Radionuclide Production Cross Section



MAT 4016

40-Zr-87

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



23

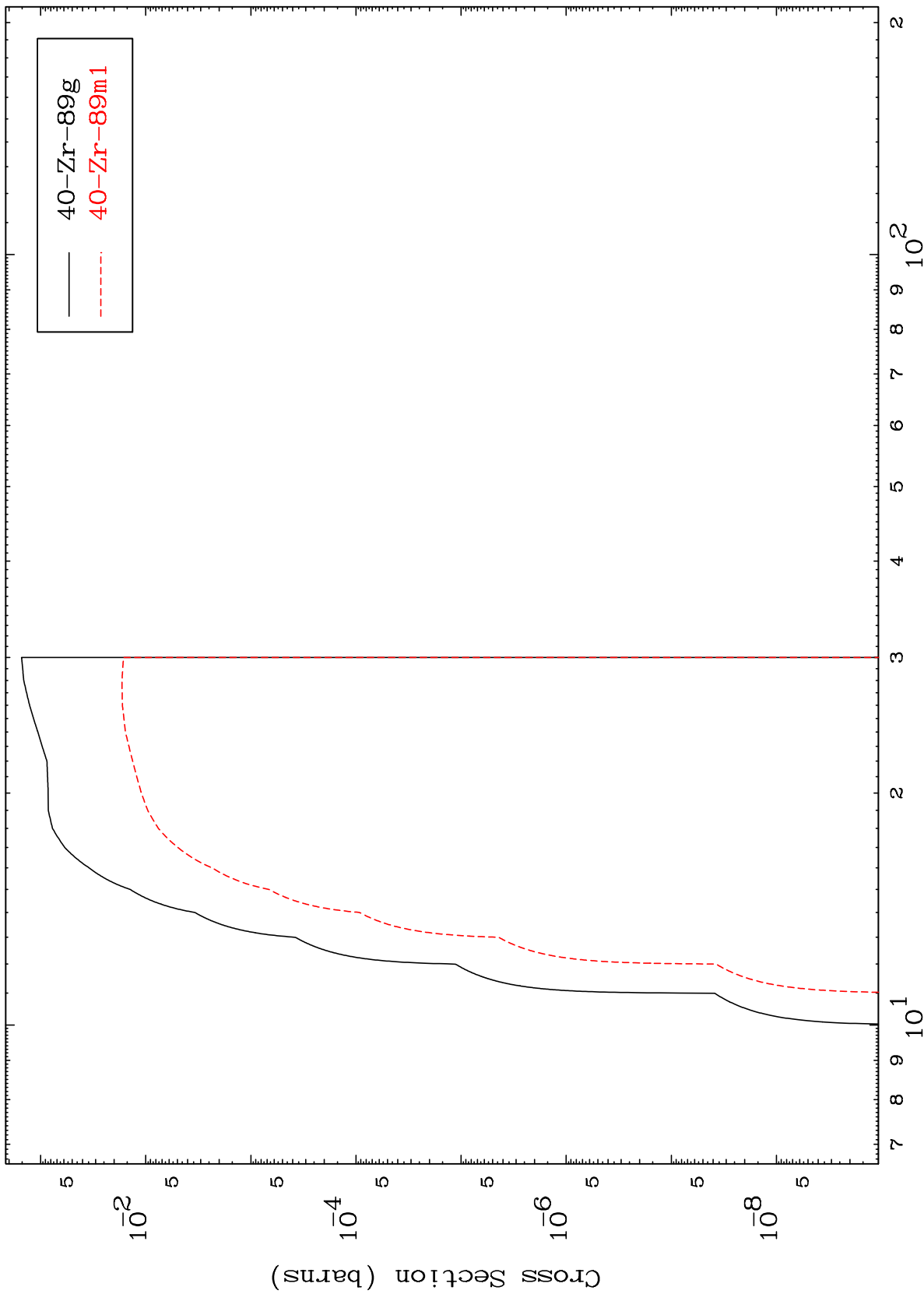
40-Zr-87

Incident Energy (MeV)

MAT 4016

40-Zr-87

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



24

Incident Energy (MeV)

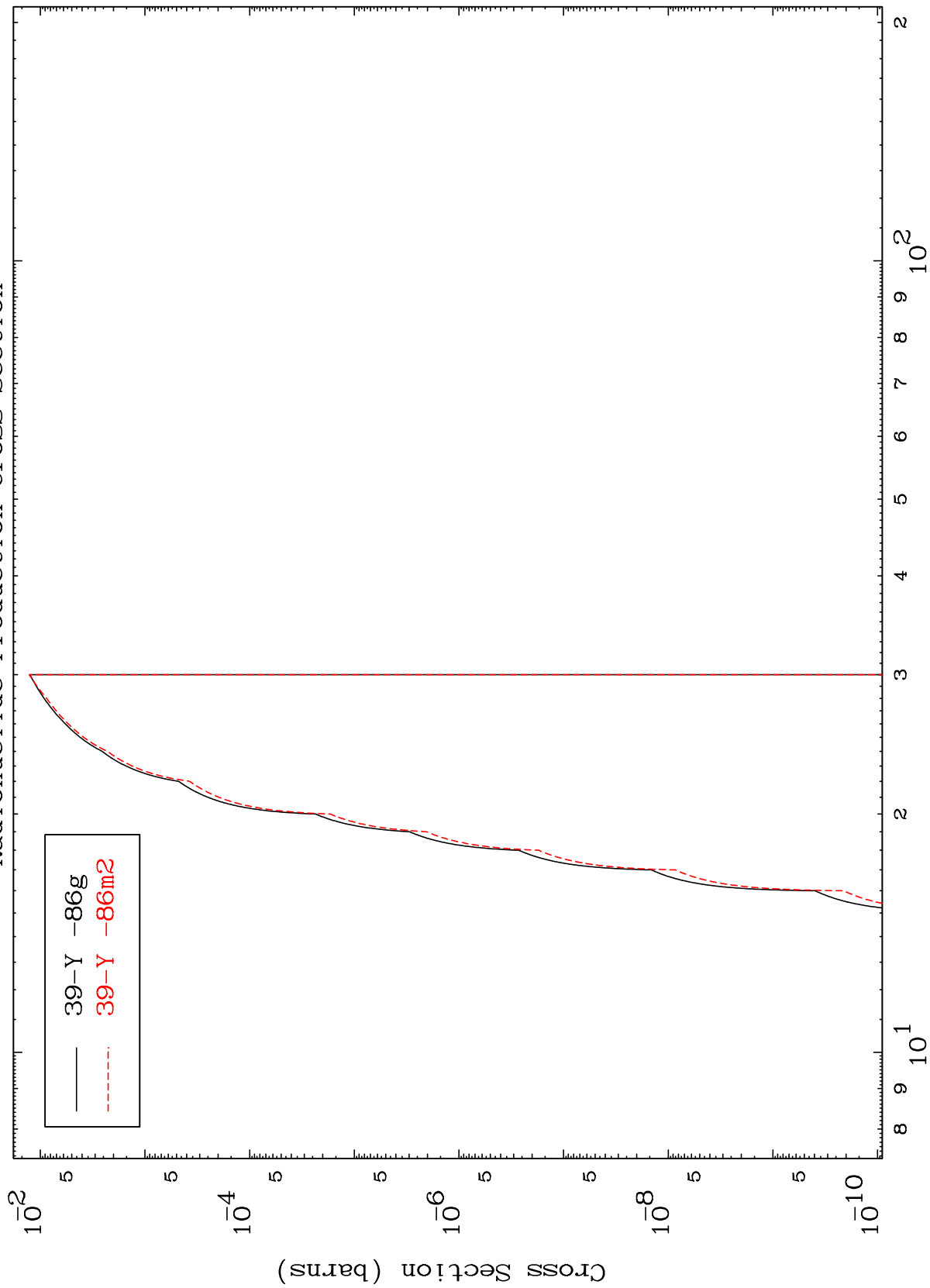
40-Zr-87

MAT 4016

(α, p) α

40-Zr-87

Radionuclide Production Cross Section

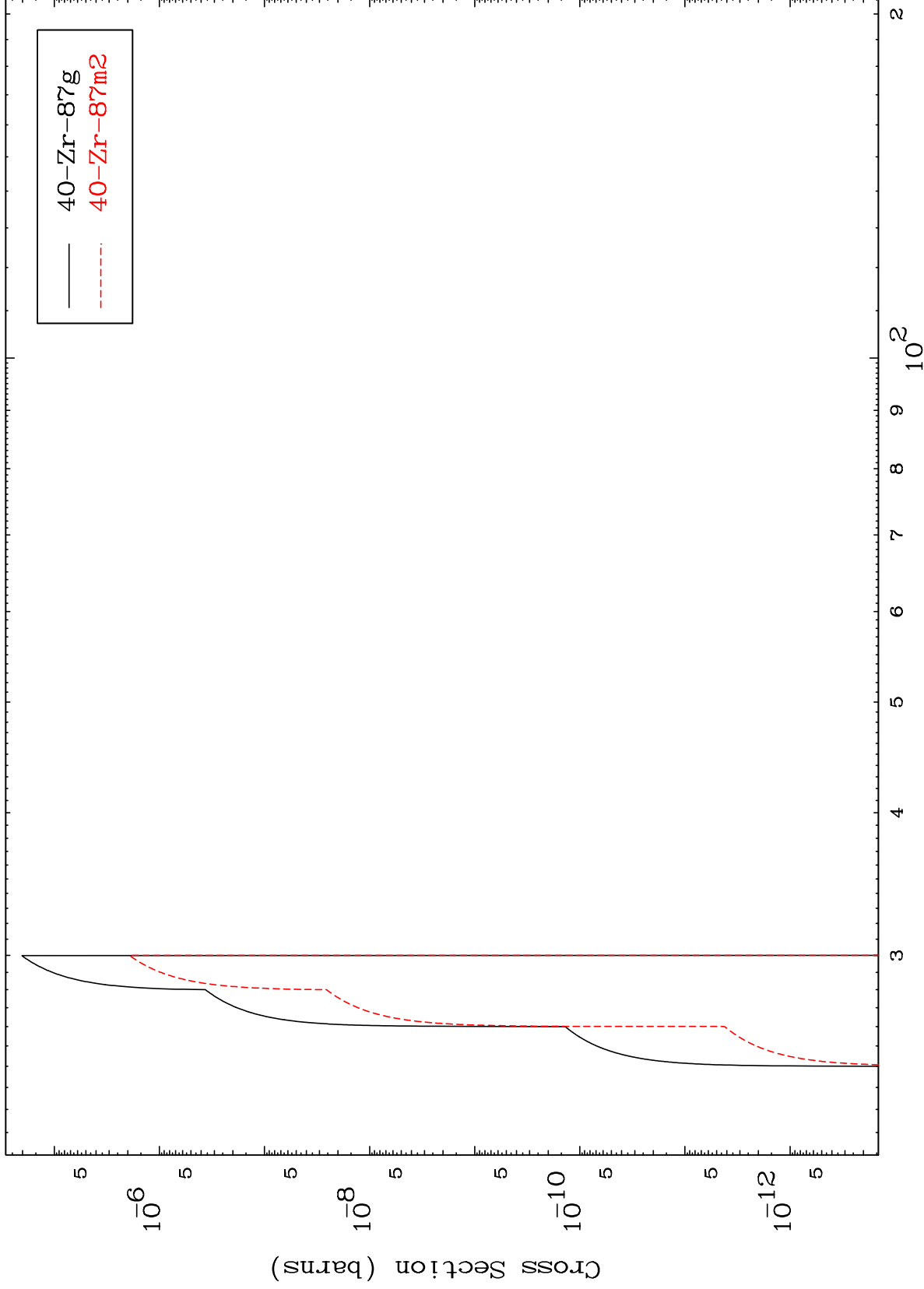


25

Incident Energy (MeV)

40-Zr-87

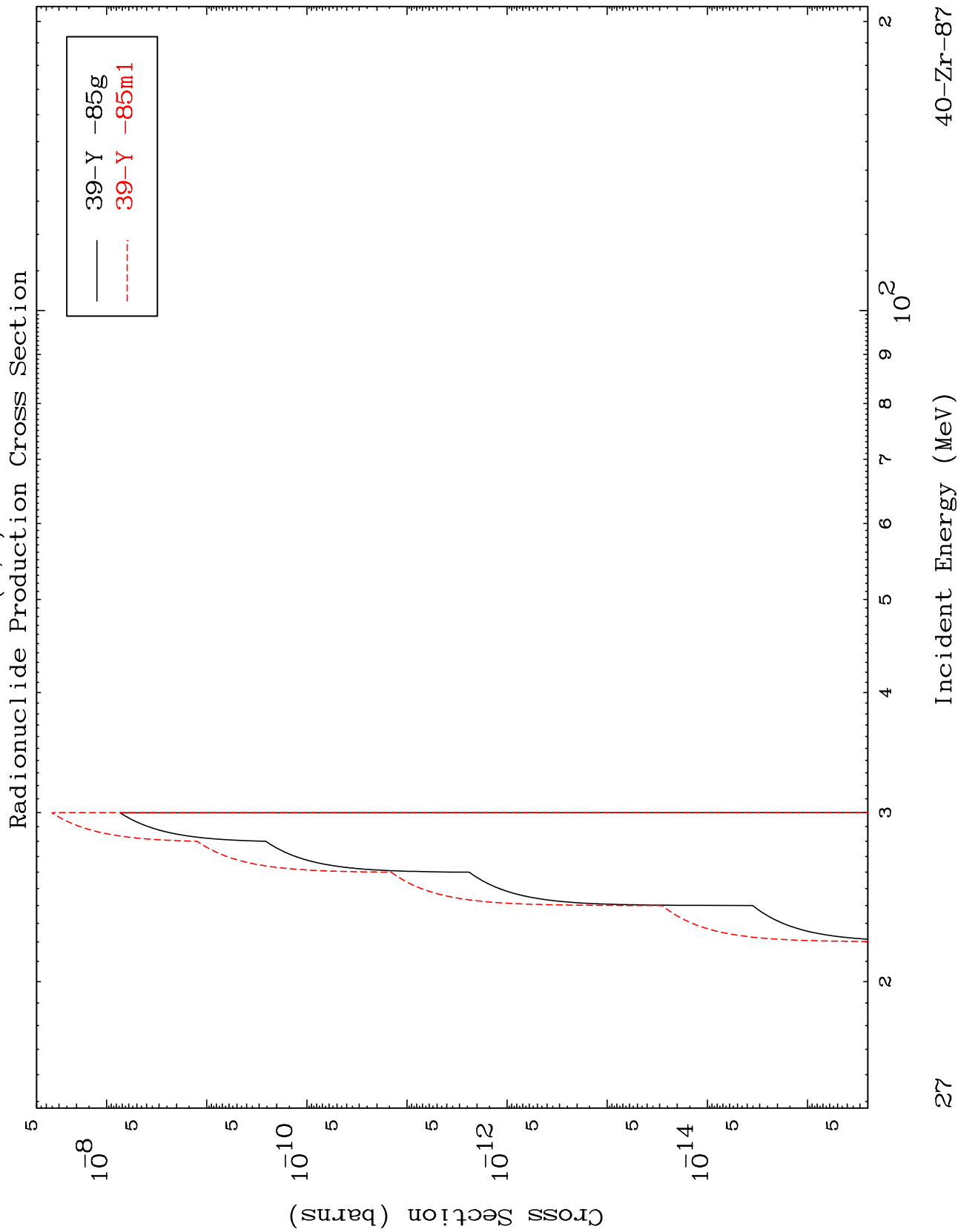
Radionuclide Production Cross Section



MAT 4016

(α, d) α

40-Zr-87



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40-Zr-87