

Program EVALPLOT
(Version 2021-1)

by

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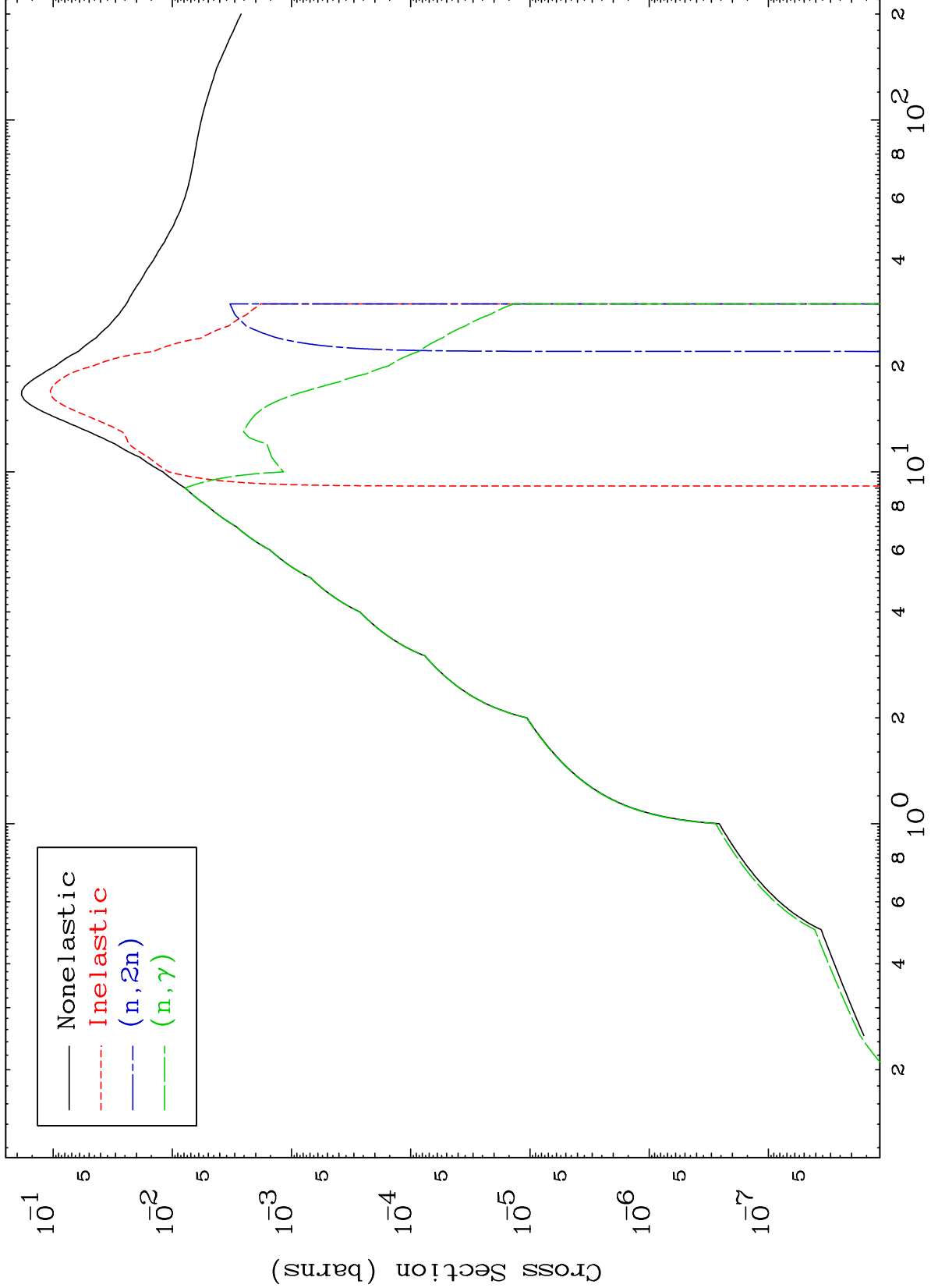
Press Mouse Button to Start

MAT 4017

Photon Major

40-Zr-87m

0 Kelvin Cross Sections

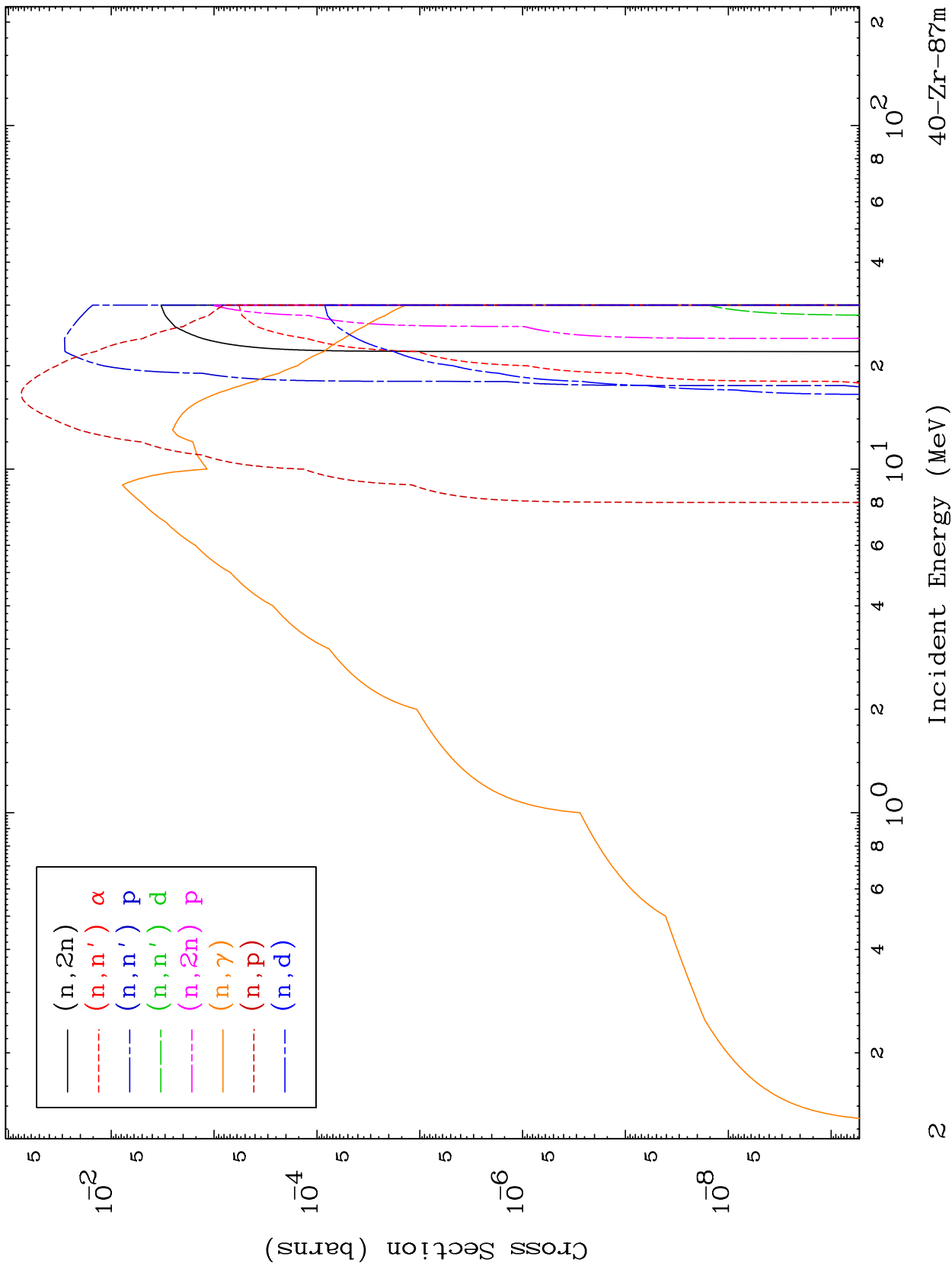


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 4017

Photon Neutron Absorption
0 Kelvin Cross Sections

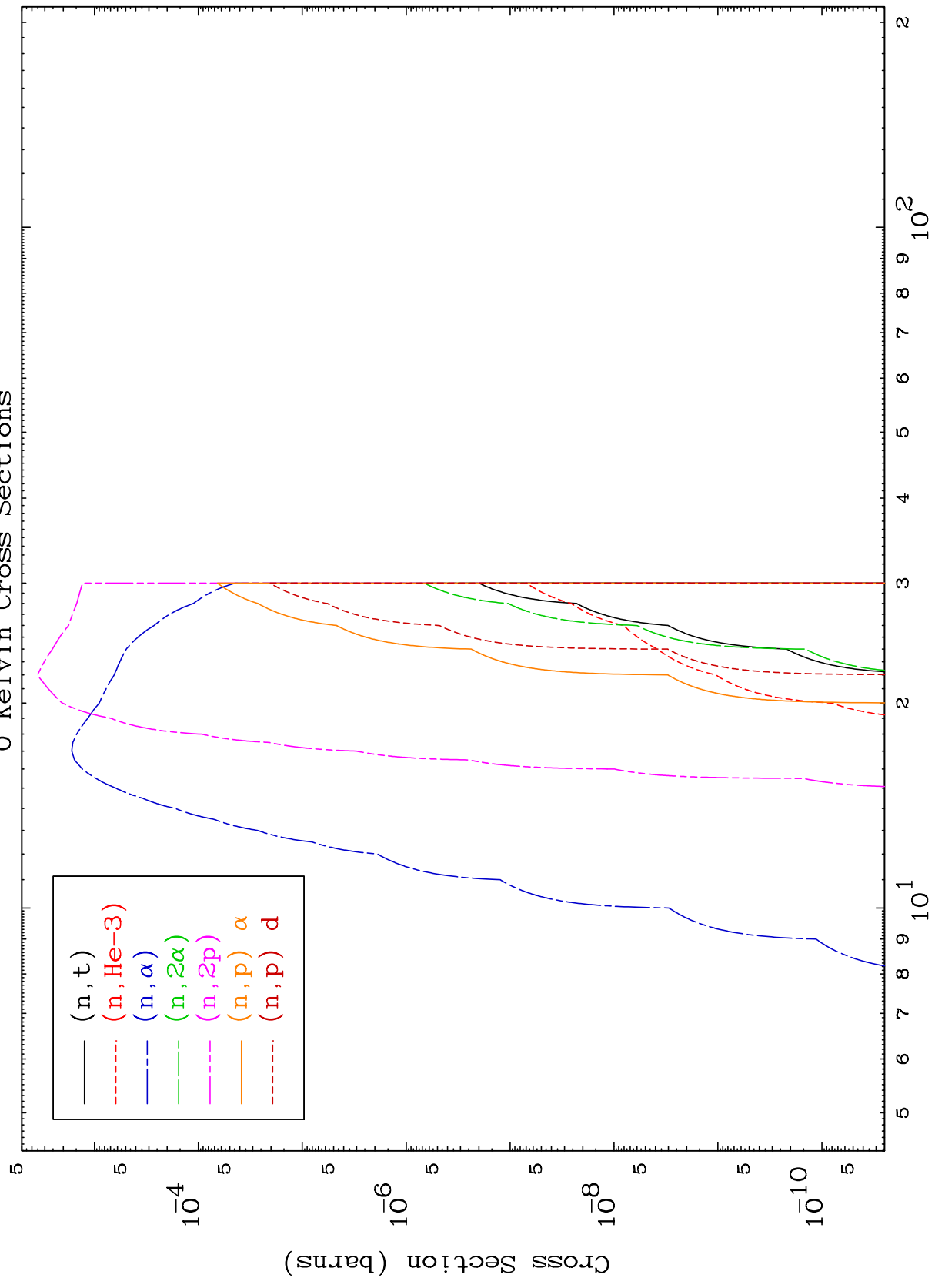
40-Zr-87m



MAT 4017

Photon Neutron Absorption
0 Kelvin Cross Sections

40-Zr-87m



3

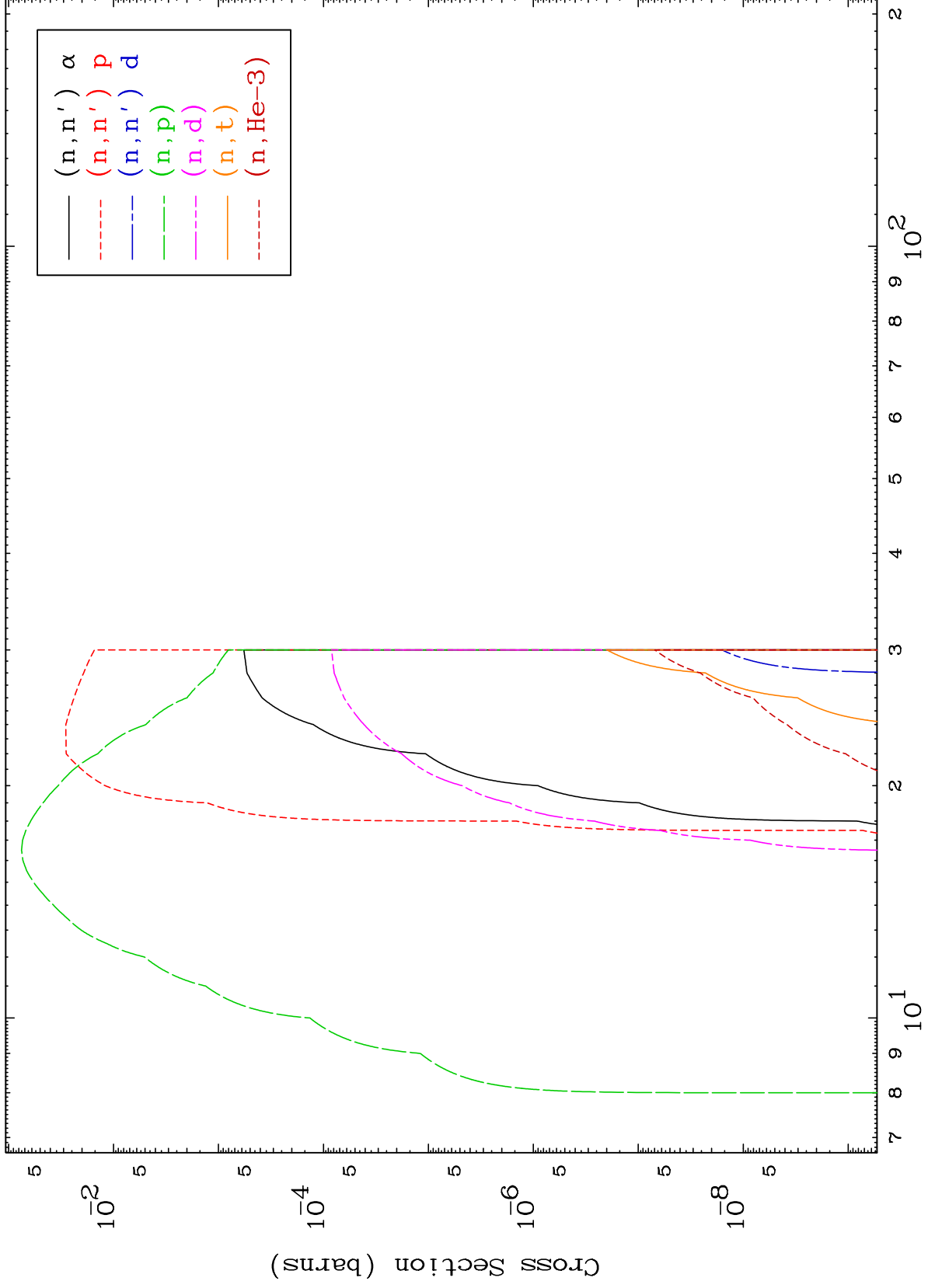
Incident Energy (MeV)

40-Zr-87m

MAT 4017

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87m



4

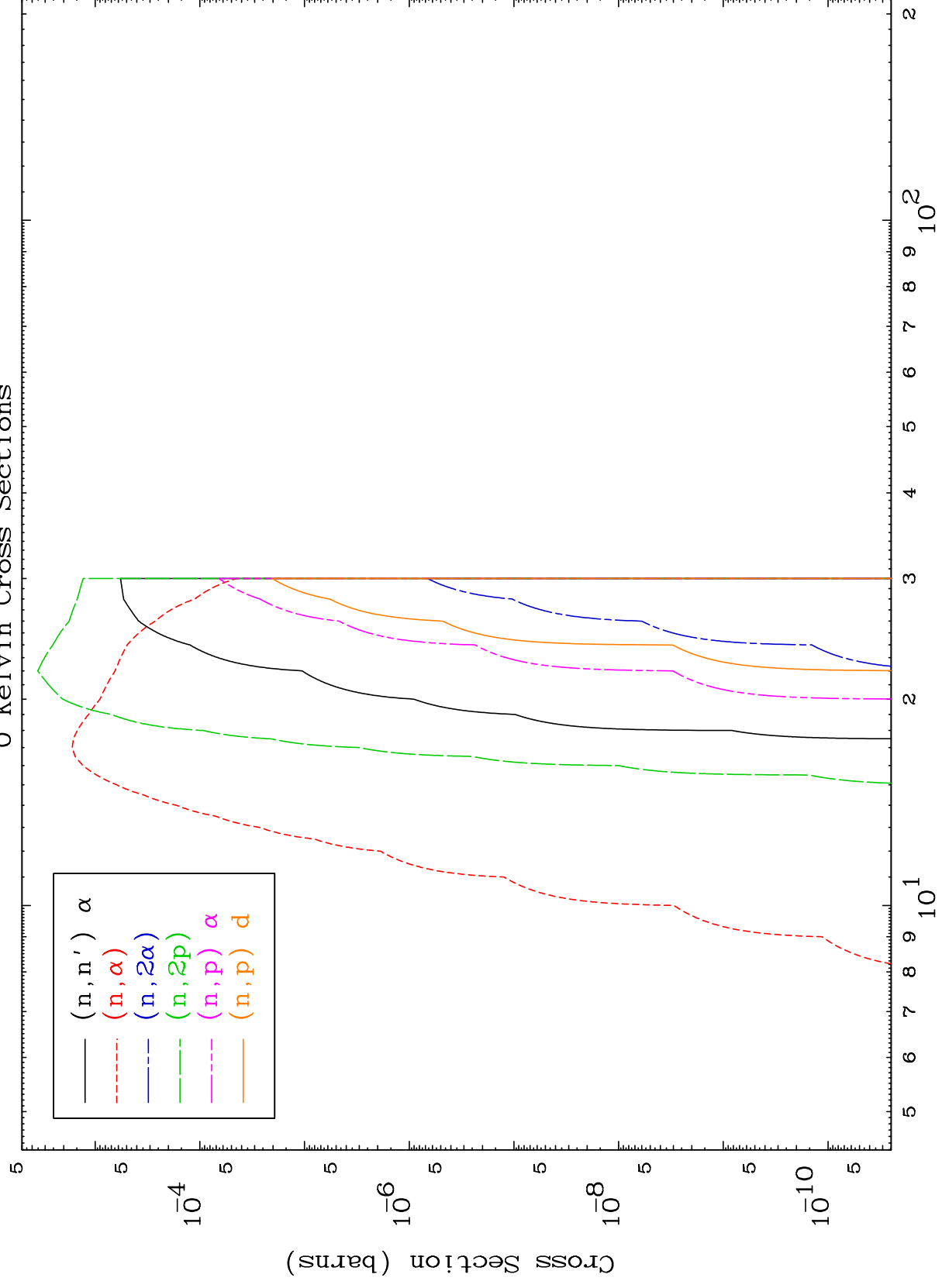
Incident Energy (MeV)

40-Zr-87m

MAT 4017

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-87m



Incident Energy (MeV)

40-Zr-87m

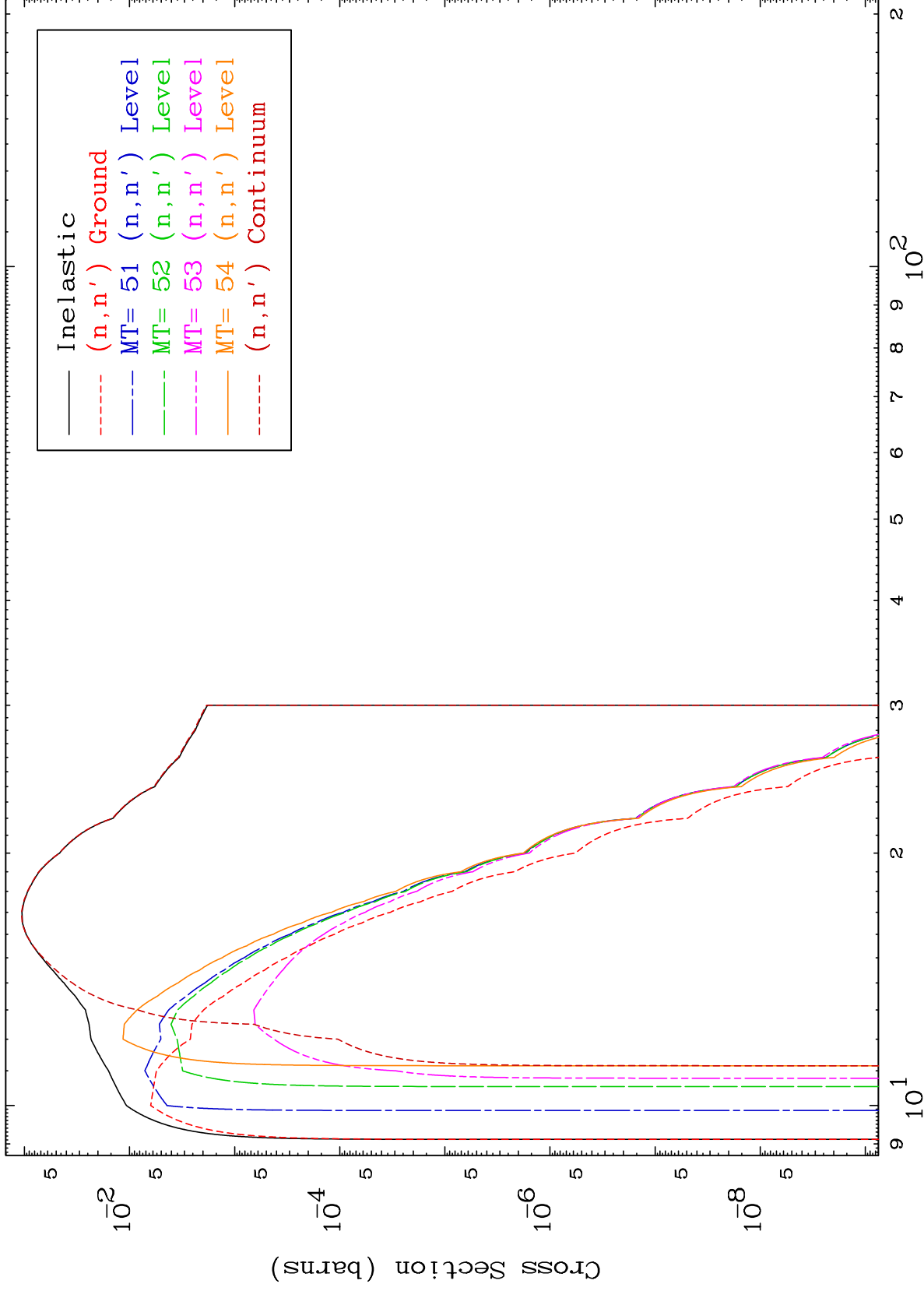
5

MAT 4017

(γ, n') Levels

40-Zr-87m

0 Kelvin Cross Sections



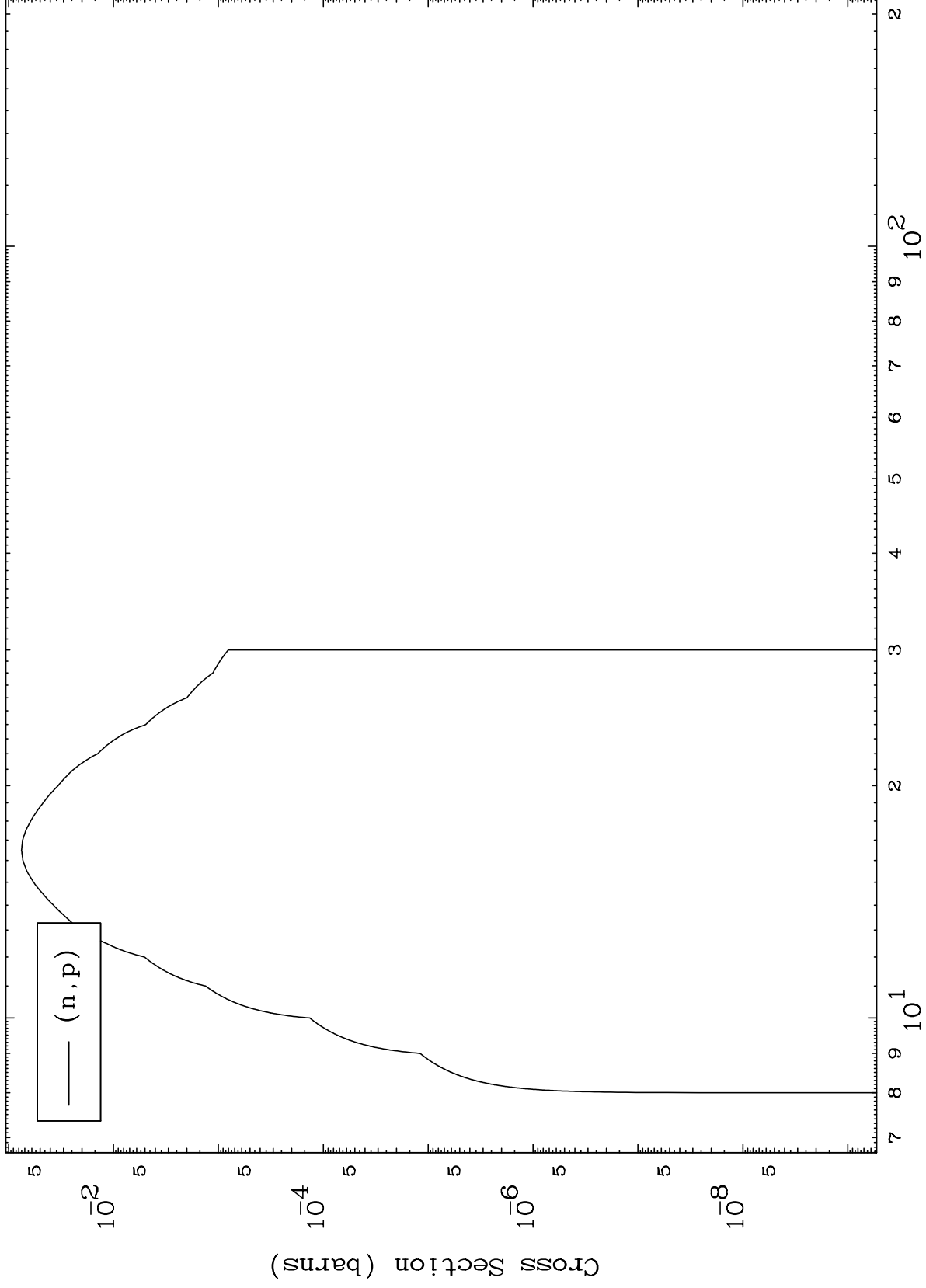
Incident Energy (MeV)

40-Zr-87m

MAT 4017

(γ, p) Levels
0 Kelvin Cross Sections

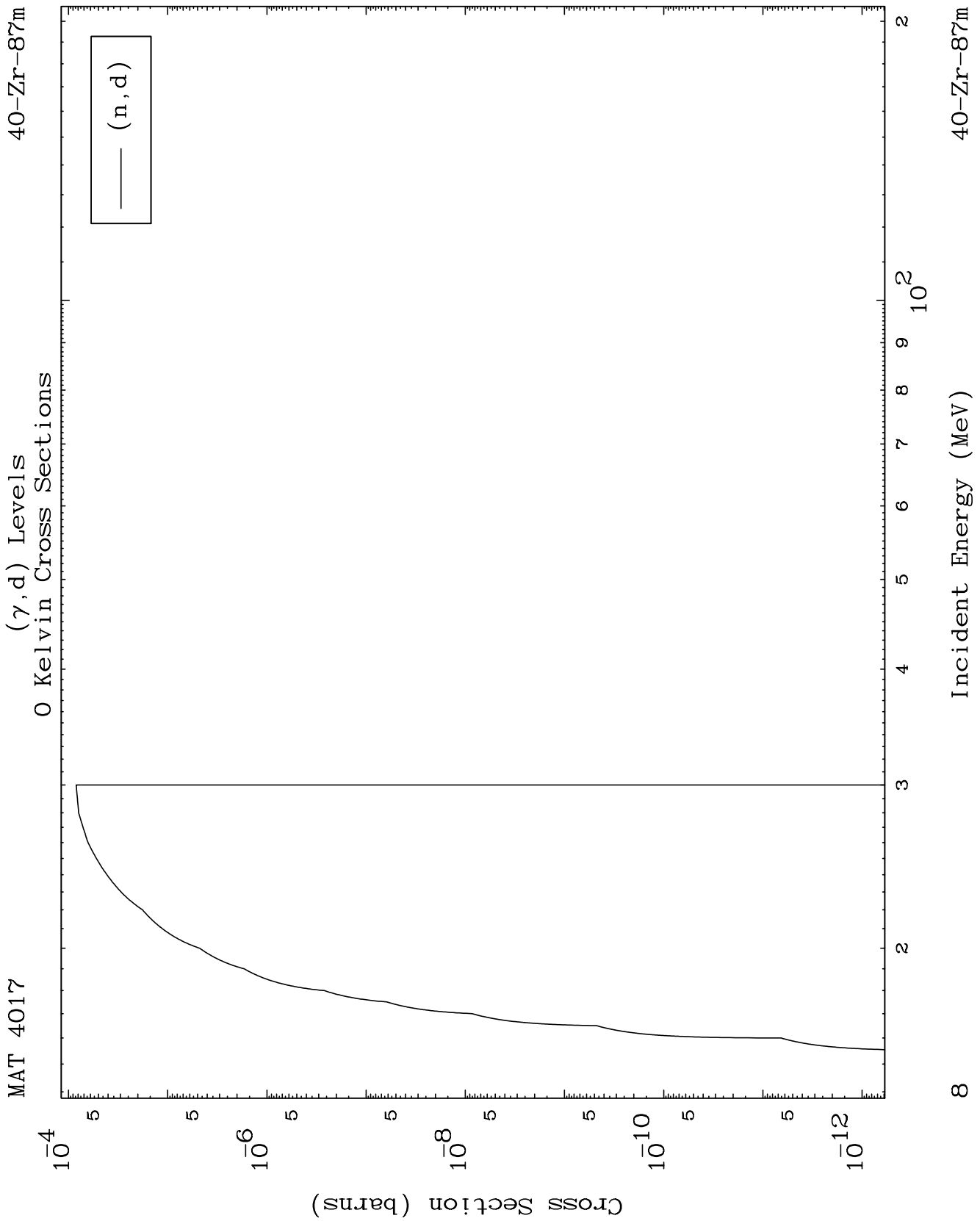
40-Zr-87m



7

Incident Energy (MeV)

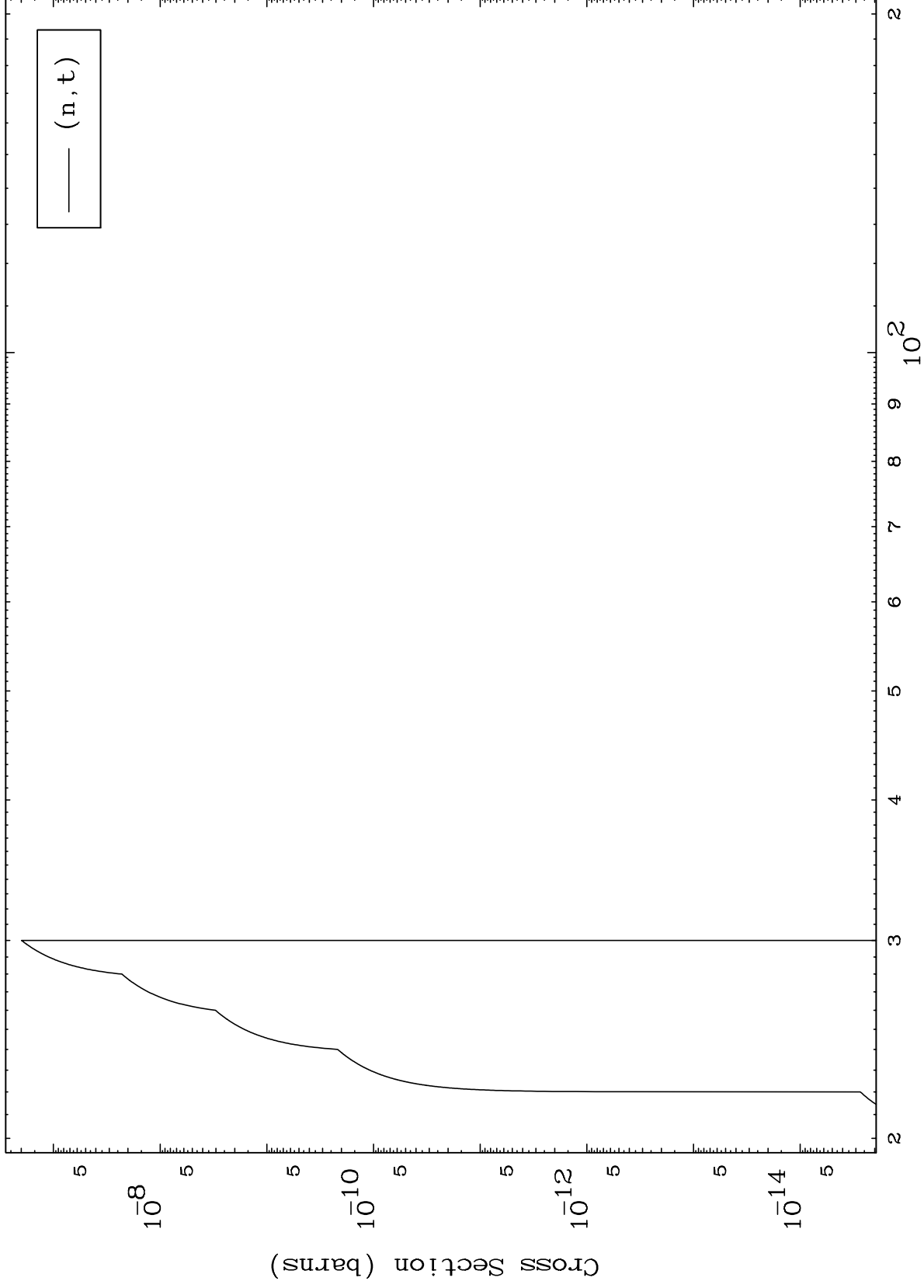
40-Zr-87m



MAT 4017

(γ, t) Levels
0 Kelvin Cross Sections

40-Zr-87m



9

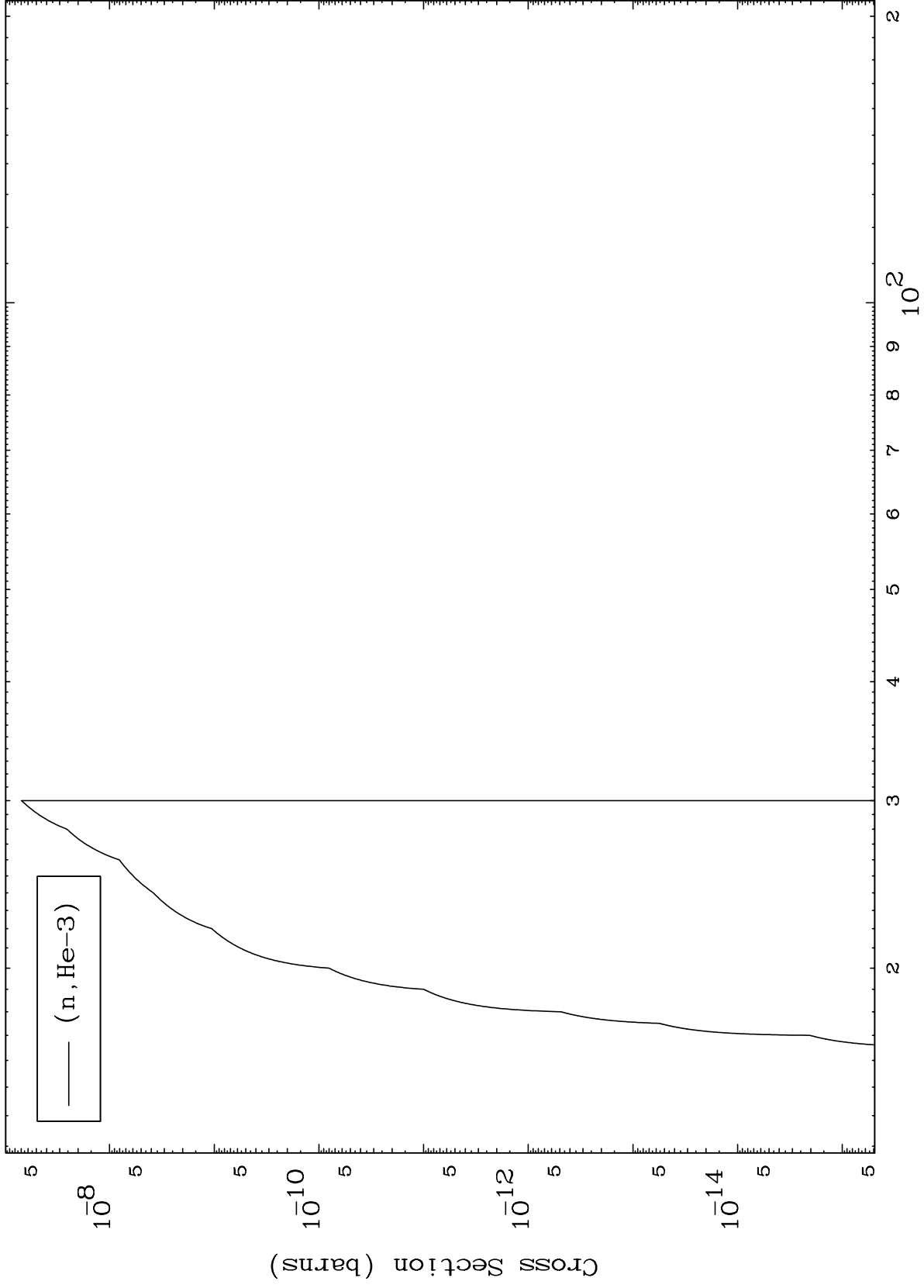
Incident Energy (MeV)

40-Zr-87m

MAT 4017

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

40-Zr-87m



10

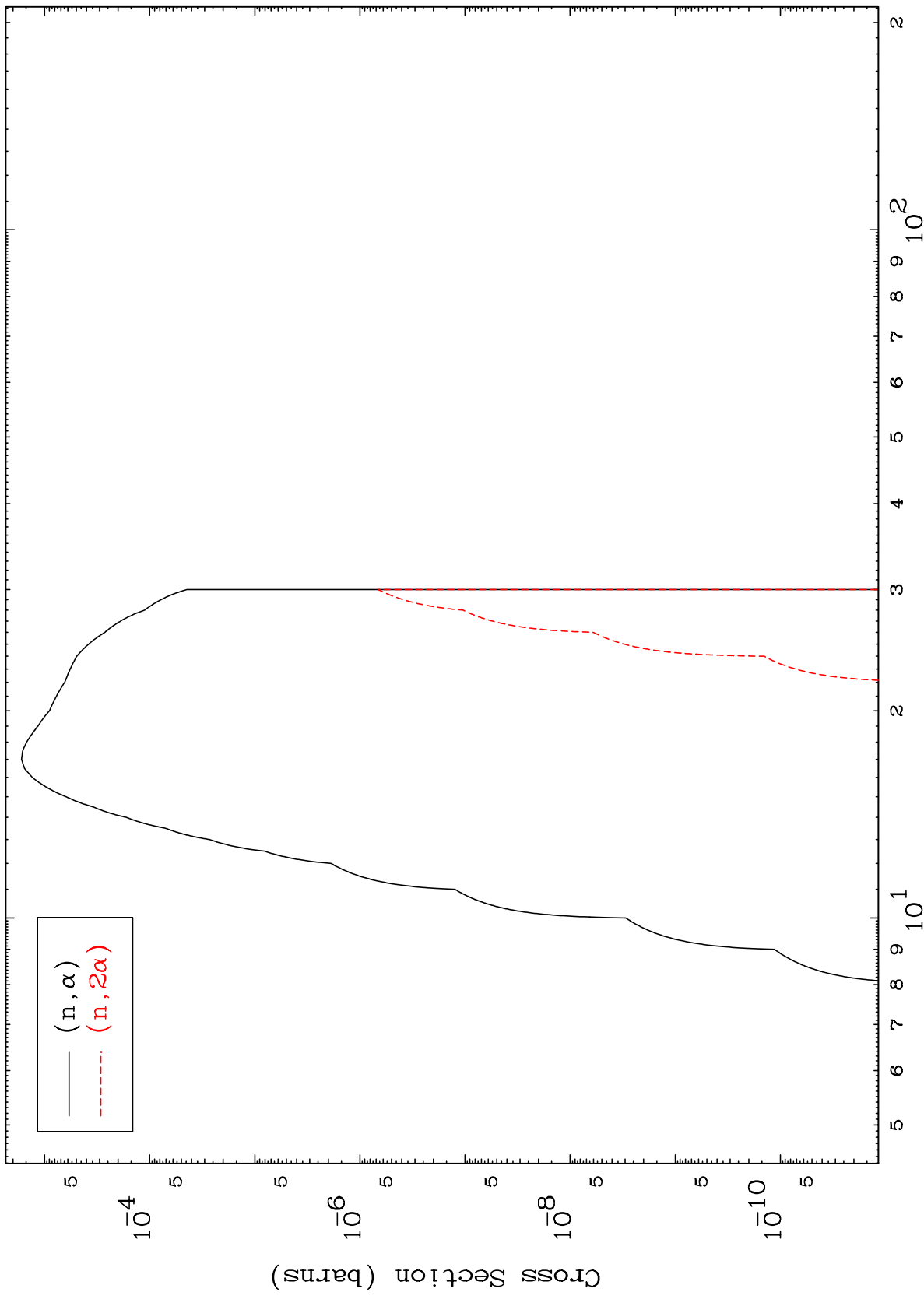
Incident Energy (MeV)

40-Zr-87m

MAT 4017

(γ, α) Levels
0 Kelvin Cross Sections

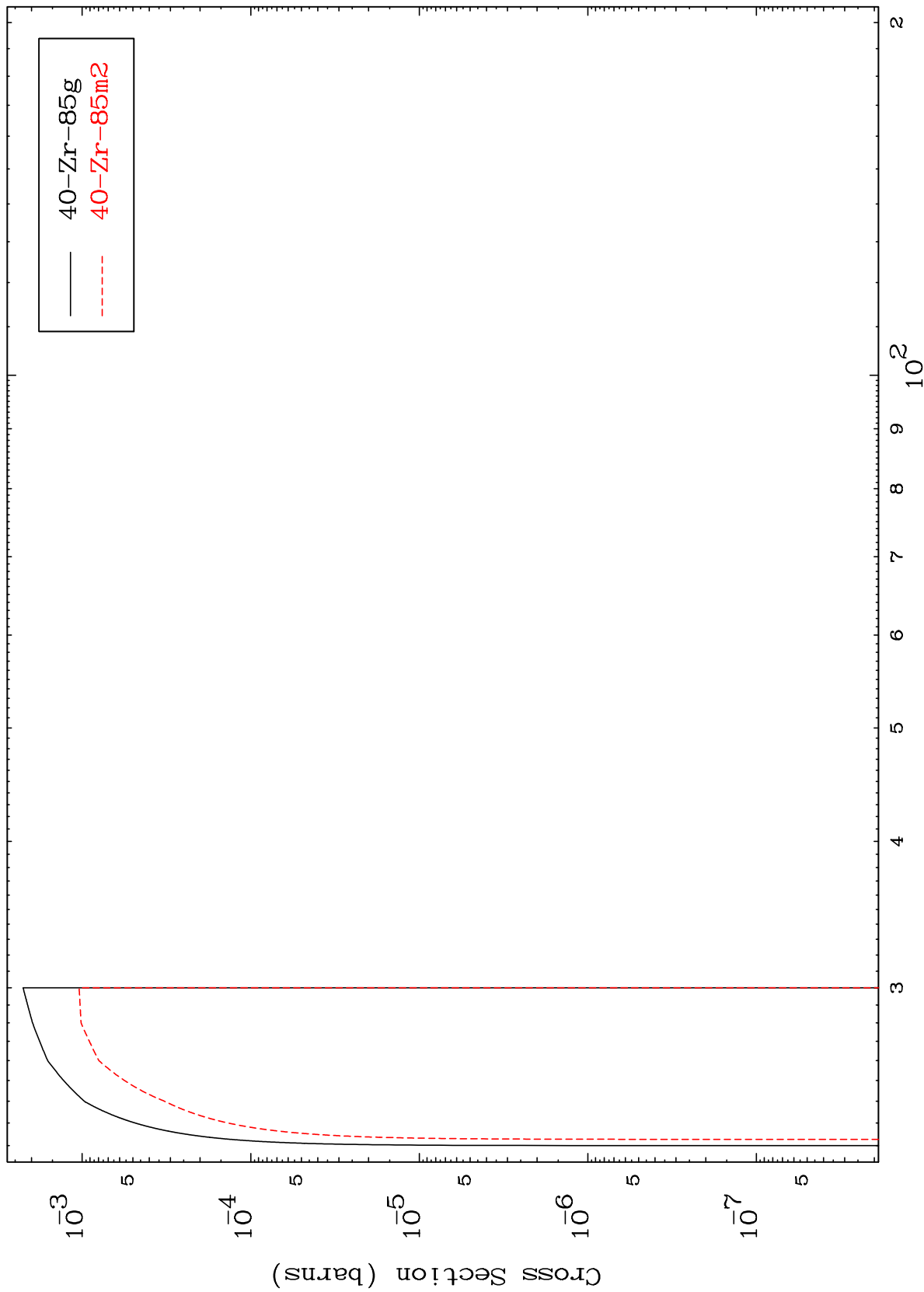
40-Zr-87m



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40-Zr-87m

(n,2n)
Radionuclide Production Cross Section



12

40-Zr-87m

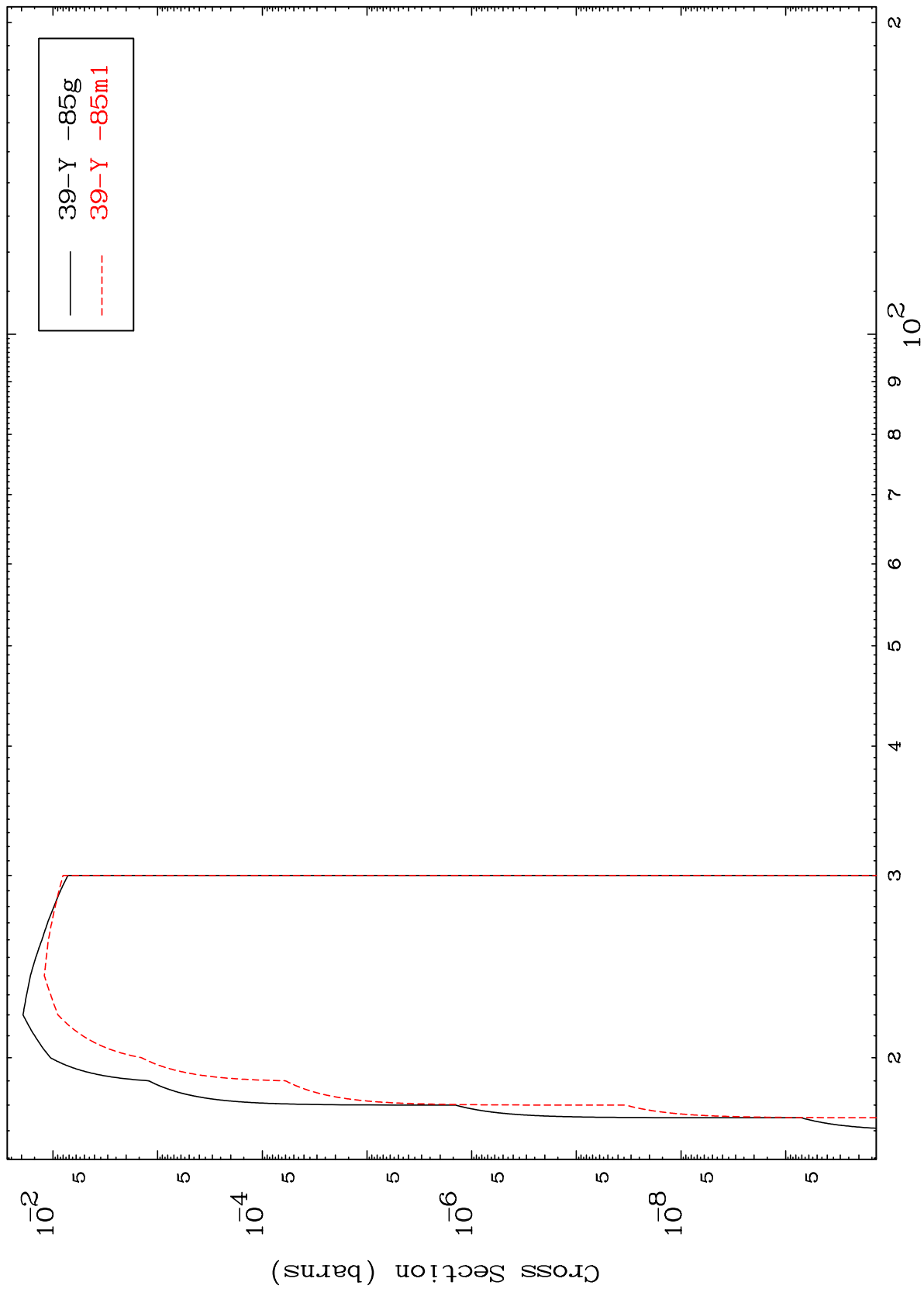
Incident Energy (MeV)

MAT 4017

(n, n') p

40-Zr-87m

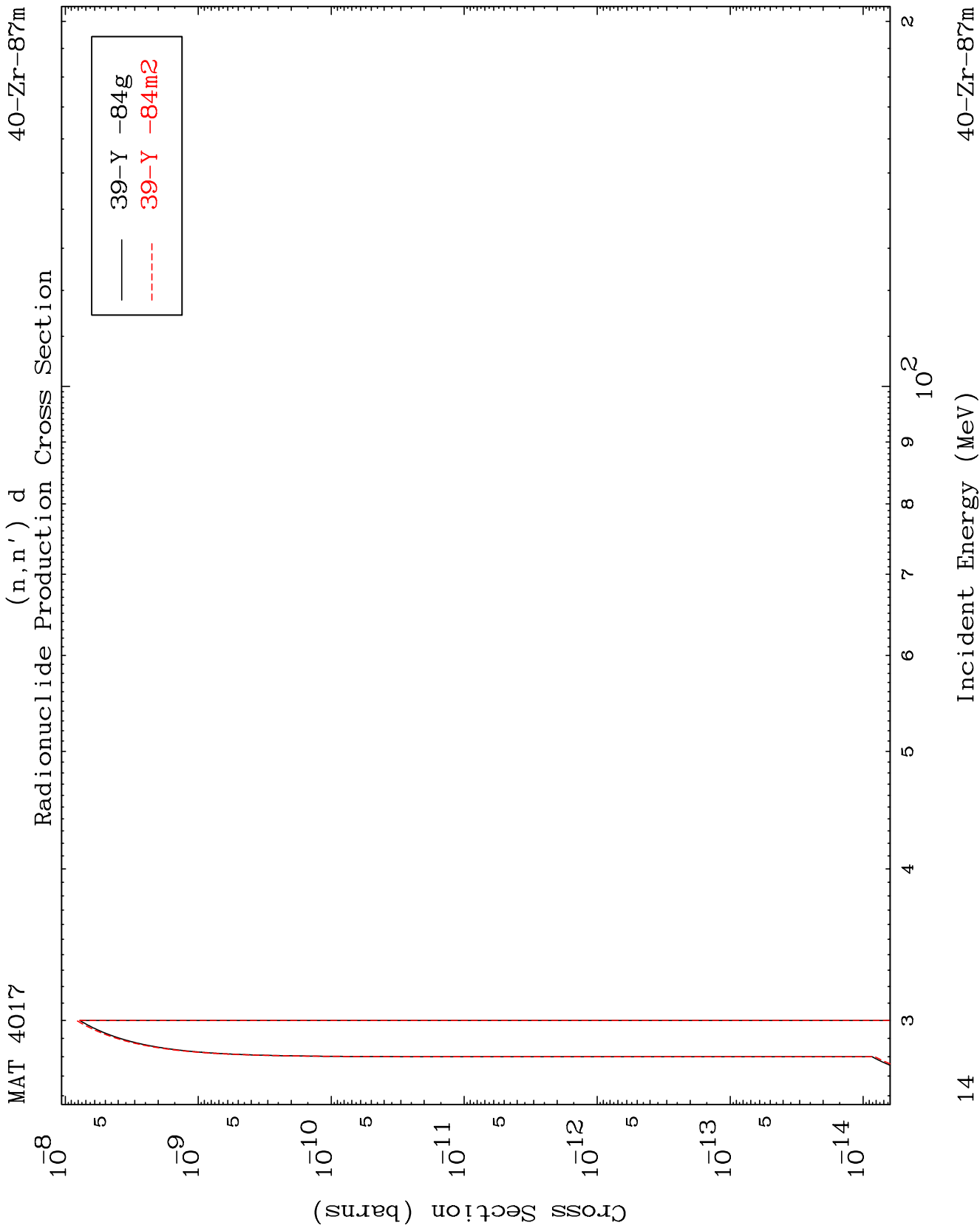
Radionuclide Production Cross Section



13

Incident Energy (MeV)

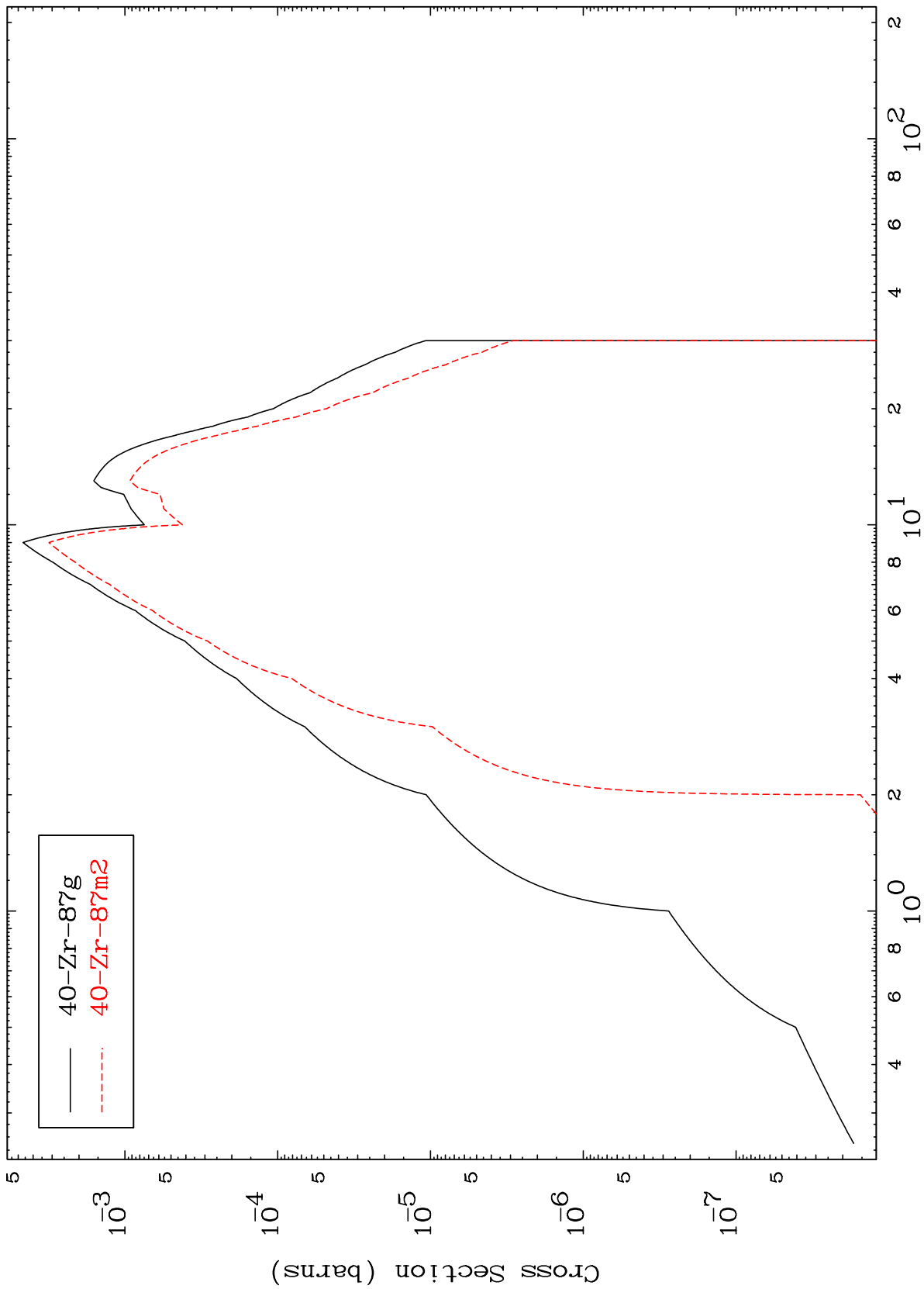
40-Zr-87m



MAT 4017

40-Zr-87m

Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

Incident Energy (MeV)

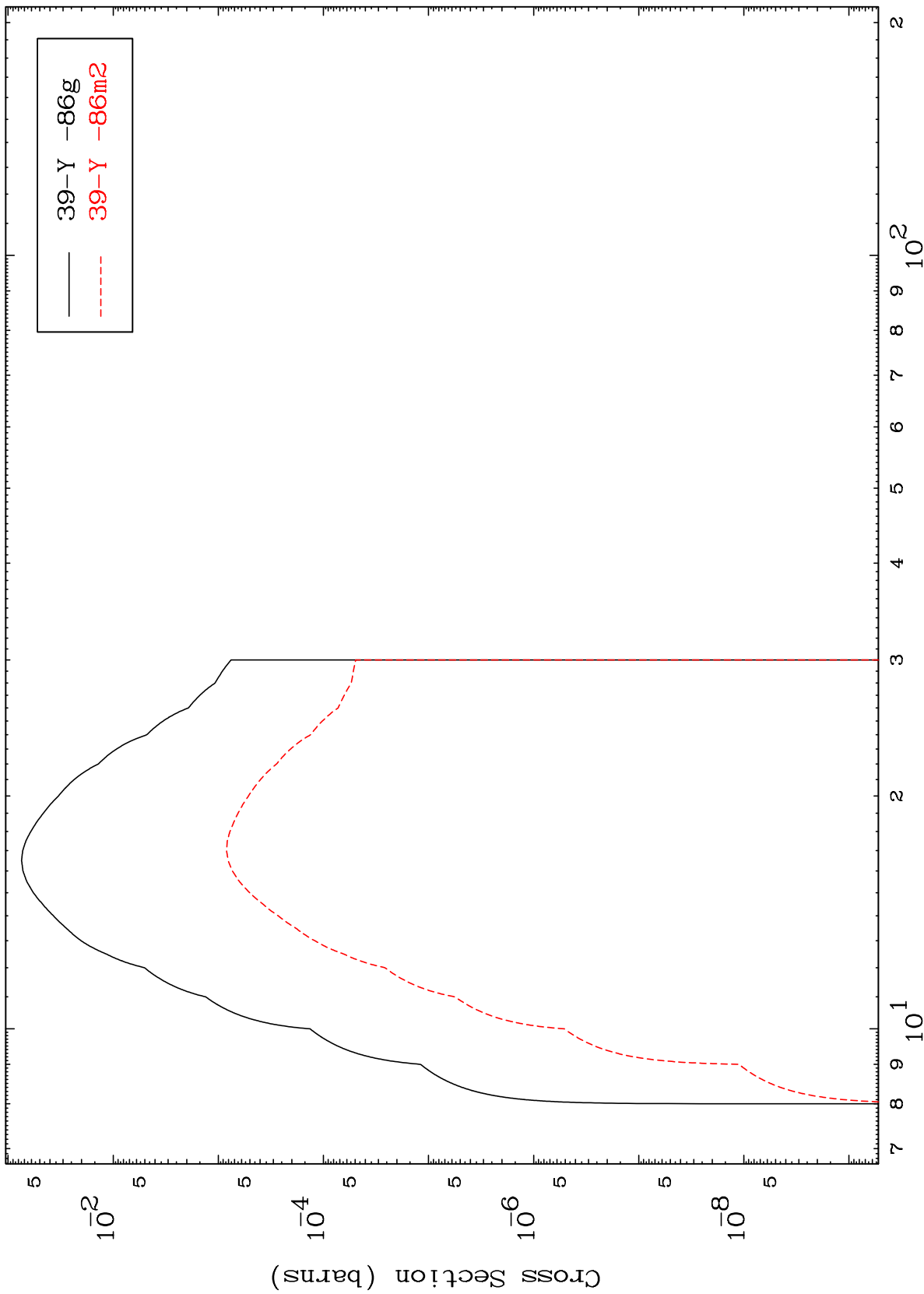
15

40-Zr-87m

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40-Zr-87m

(n,p)
Radionuclide Production Cross Section



— 39-Y -86g
- - - 39-Y -86m2

40-Zr-87m

Incident Energy (MeV)

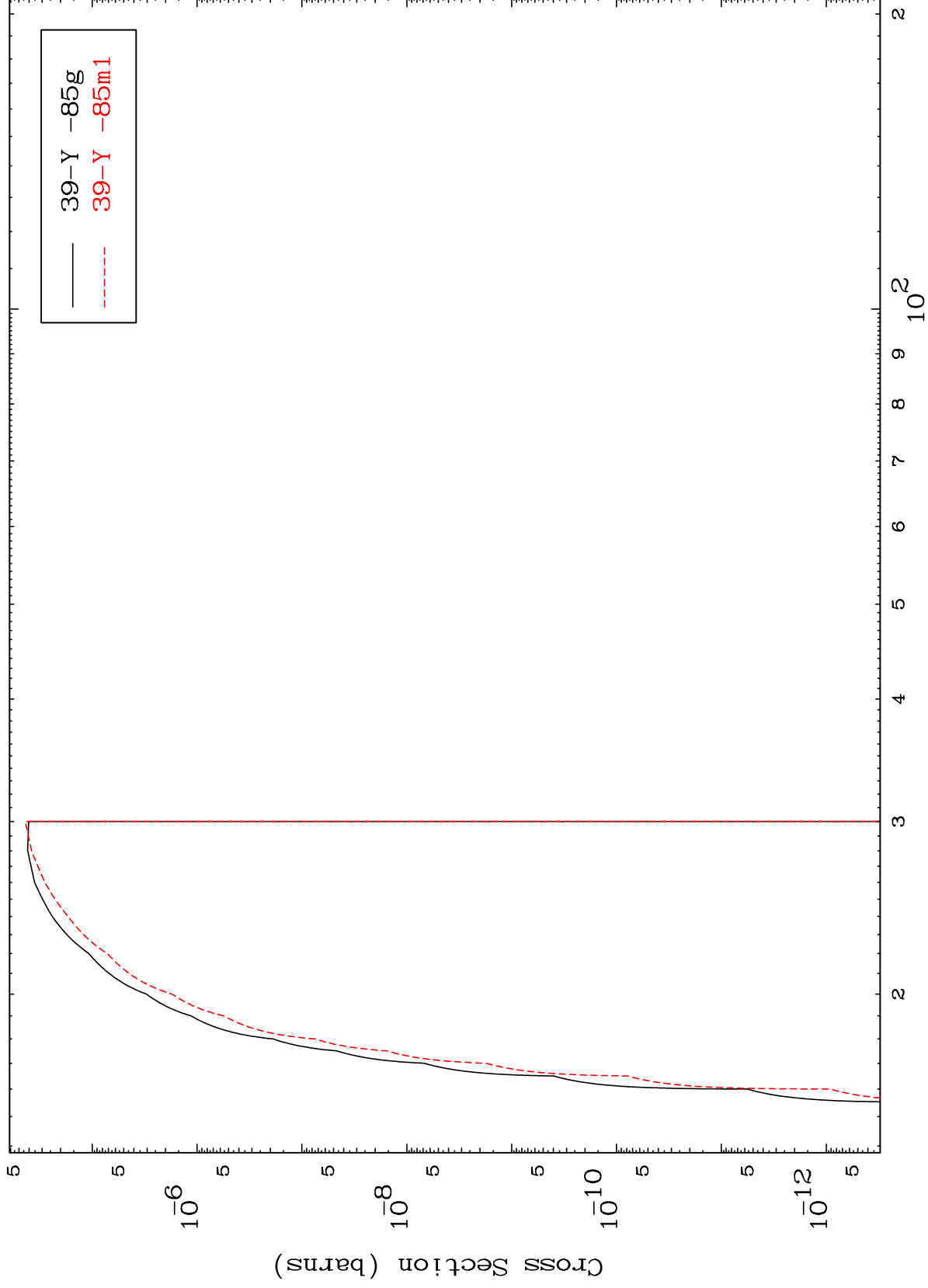
16

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(n,d)

40-Zr-87m

Radionuclide Production Cross Section



17

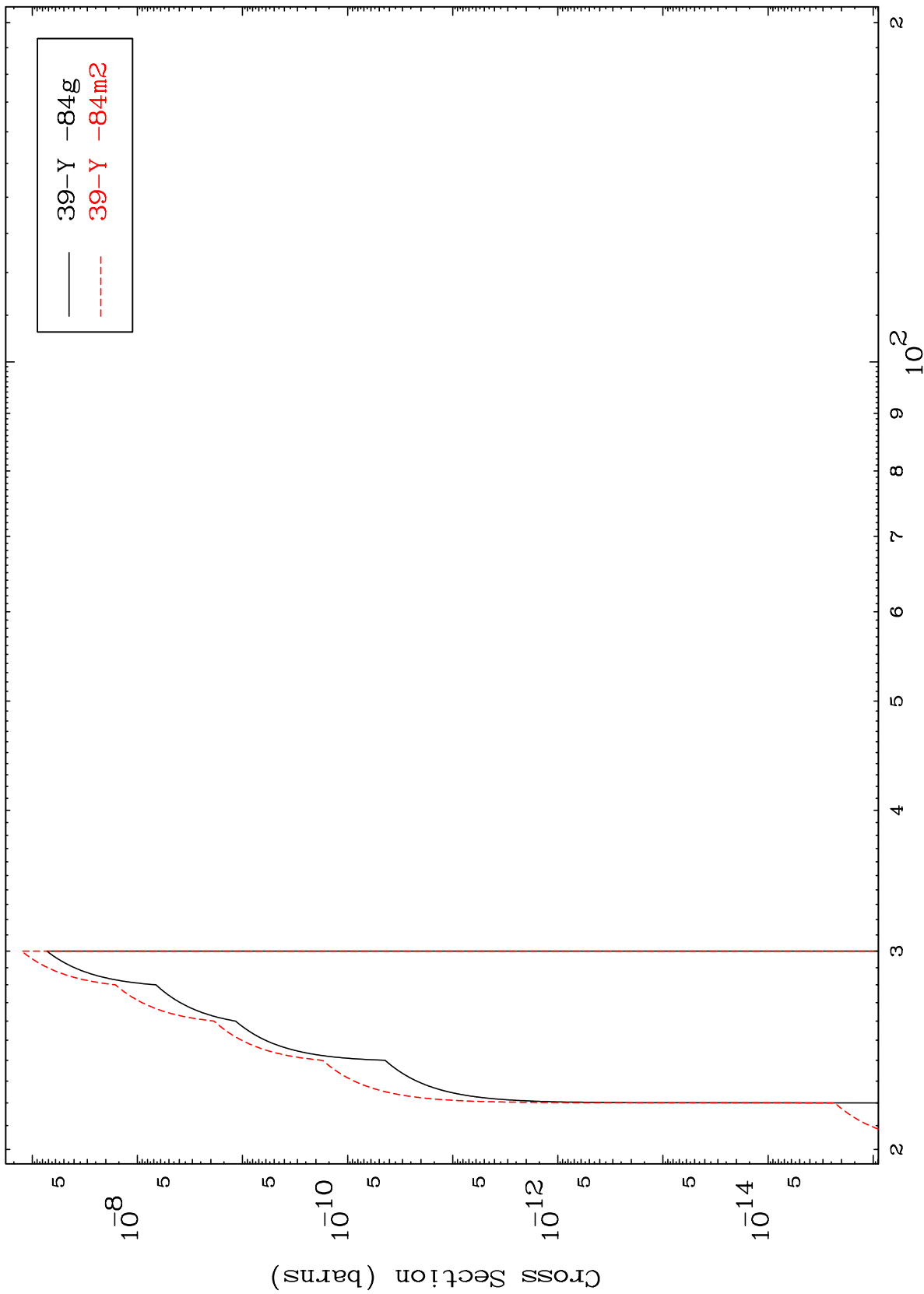
Incident Energy (MeV)

40-Zr-87m

MAT 4017

40-Zr-87m

(n,t)
Radionuclide Production Cross Section



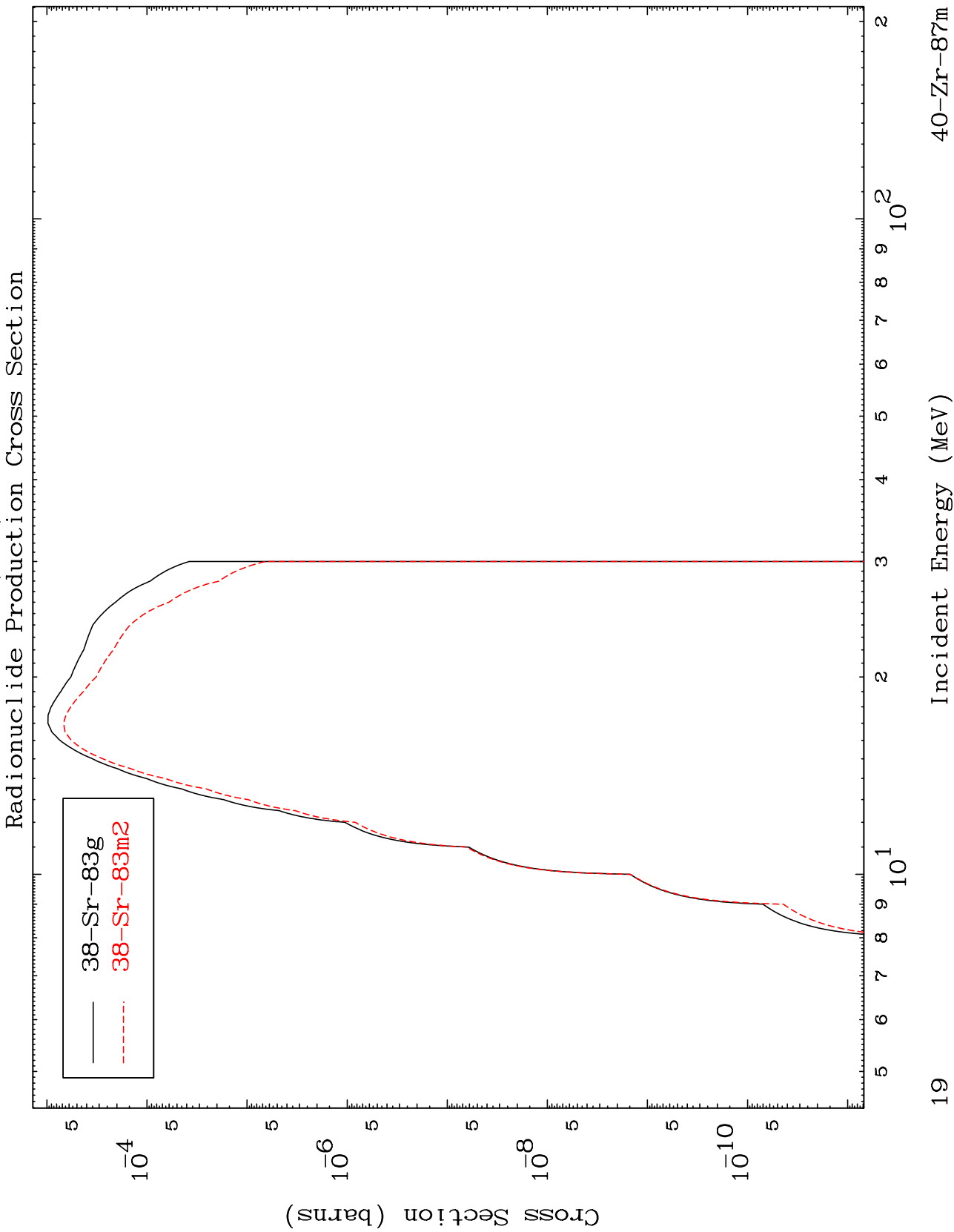
40-Zr-87m

Incident Energy (MeV)

18

MAT 4017

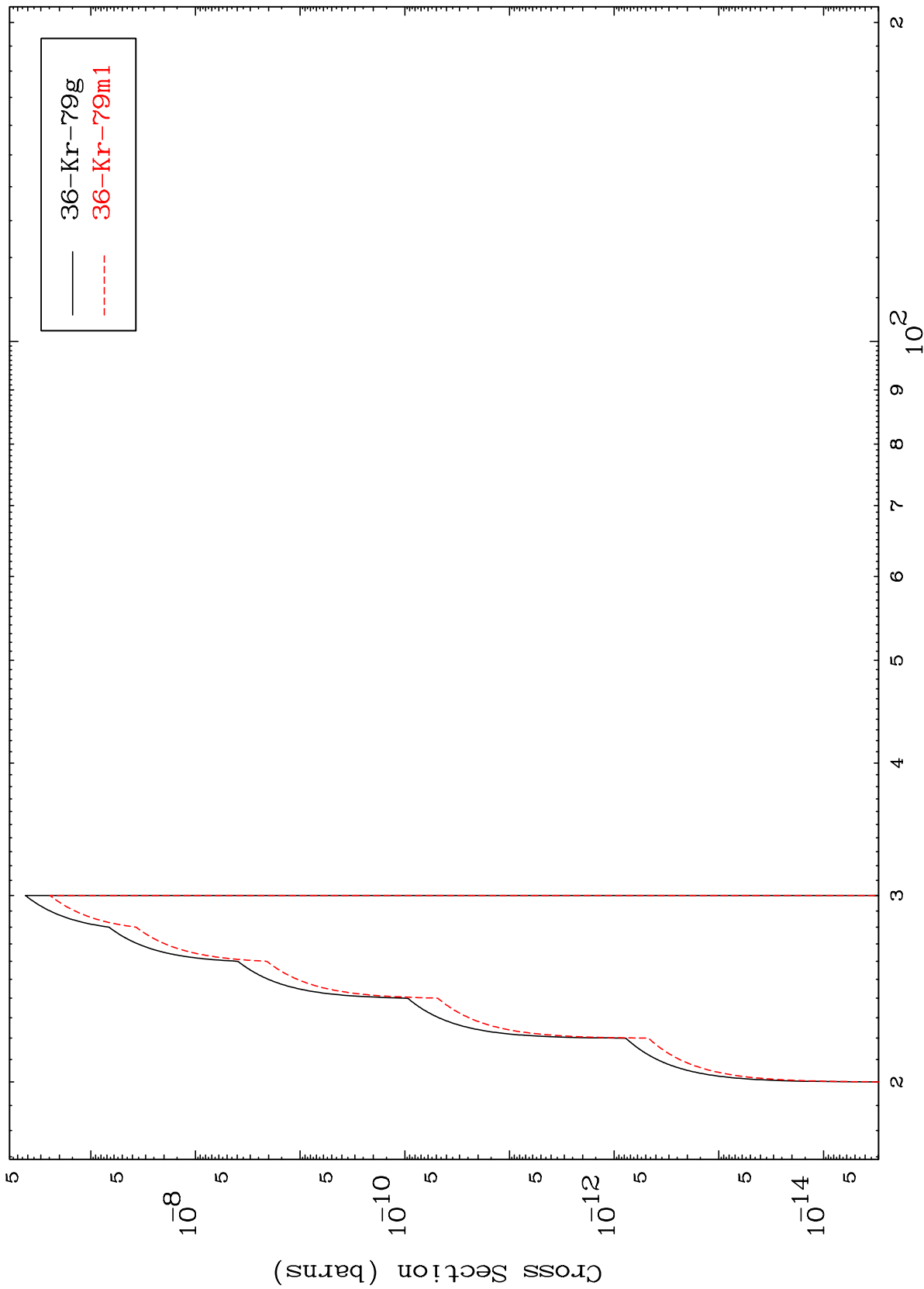
40-Zr-87m



MAT 4017

40-Zr-87m

(n,2α)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

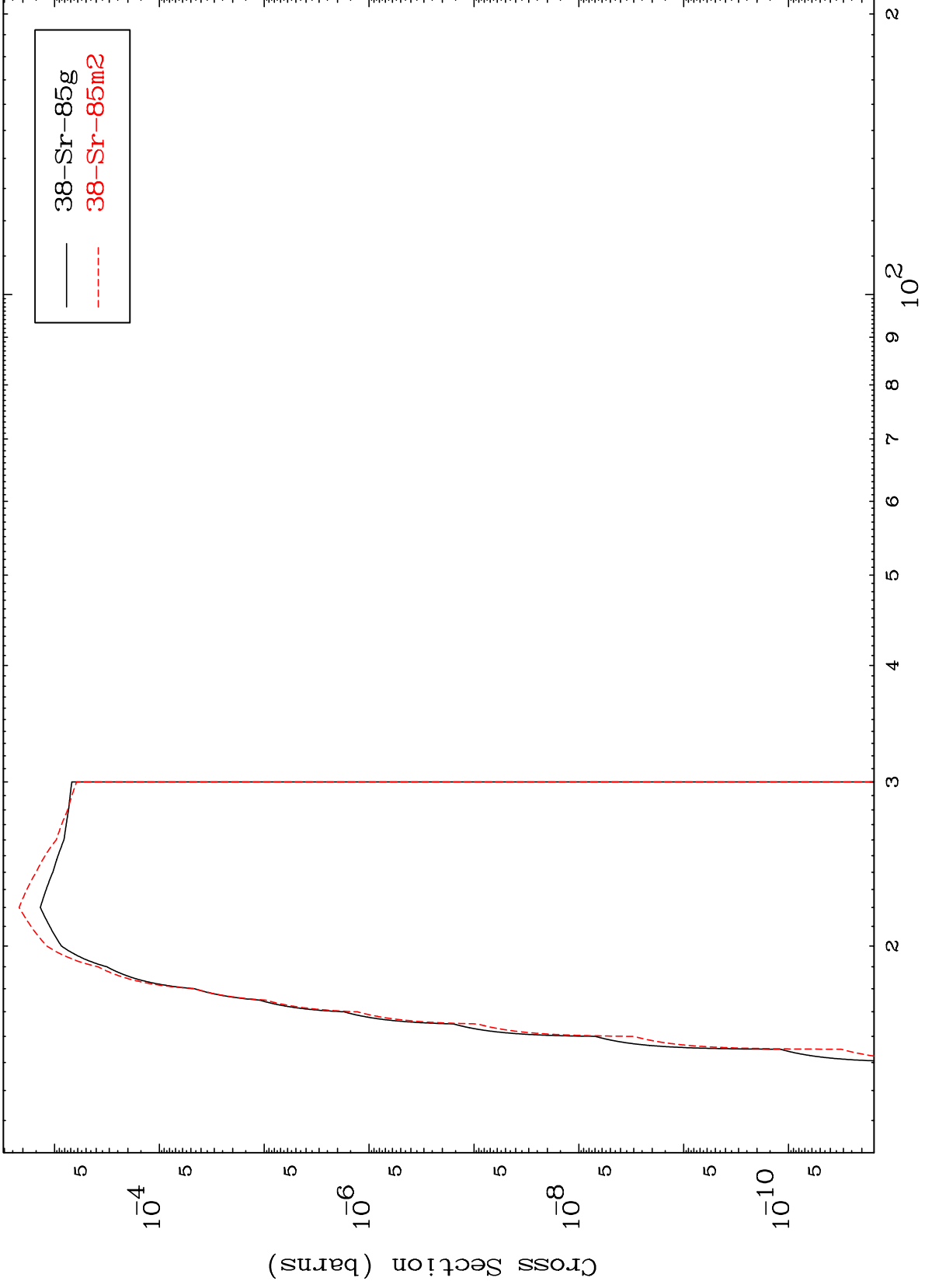
40-Zr-87m

MAT 4017

(n,2p)

40-Zr-87m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

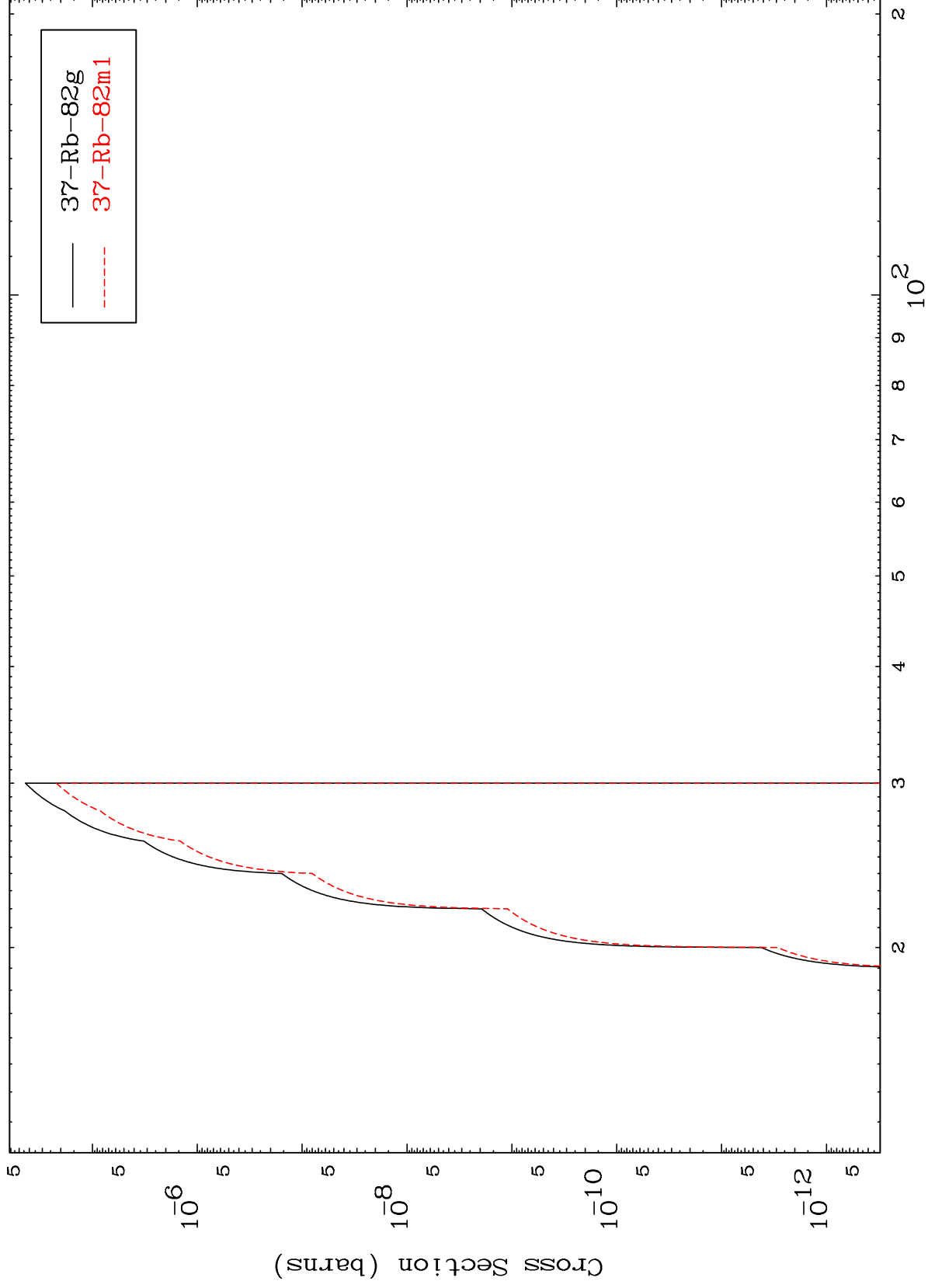
40-Zr-87m

MAT 4017

(n,p) α

40-Zr-87m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

40-Zr-87m