

Program EVALPLOT
(Version 2021-1)

by

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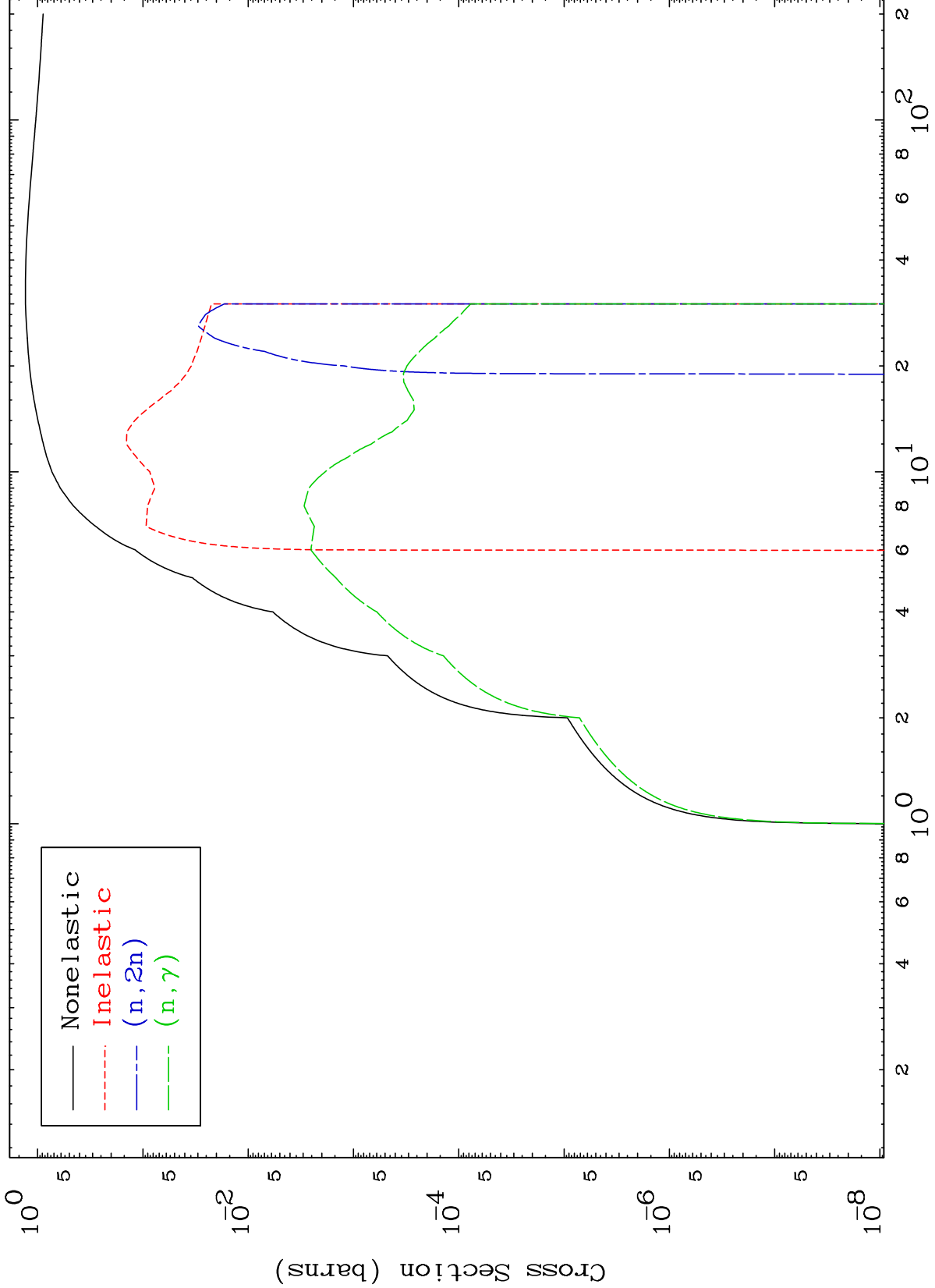
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

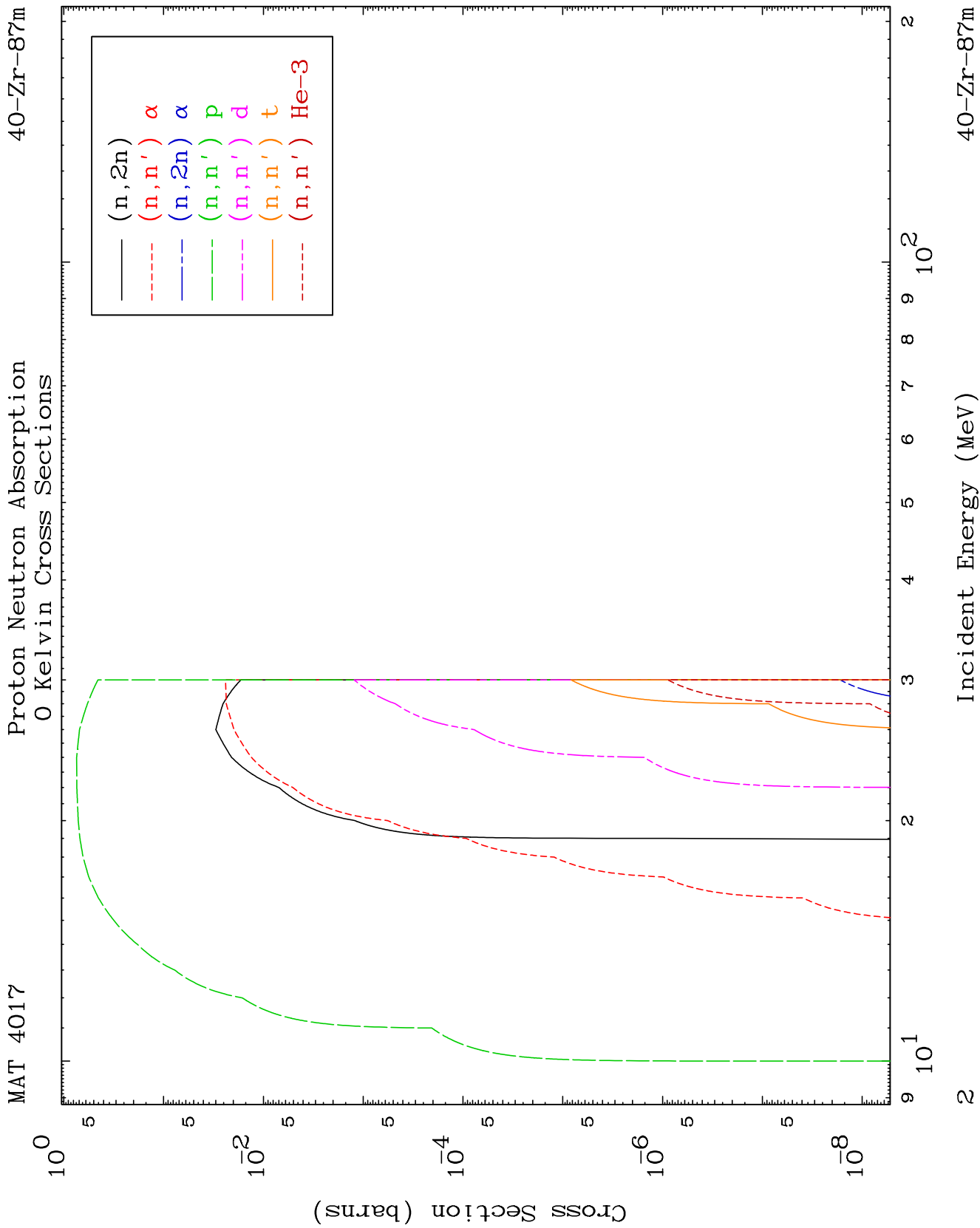
MAT 4017

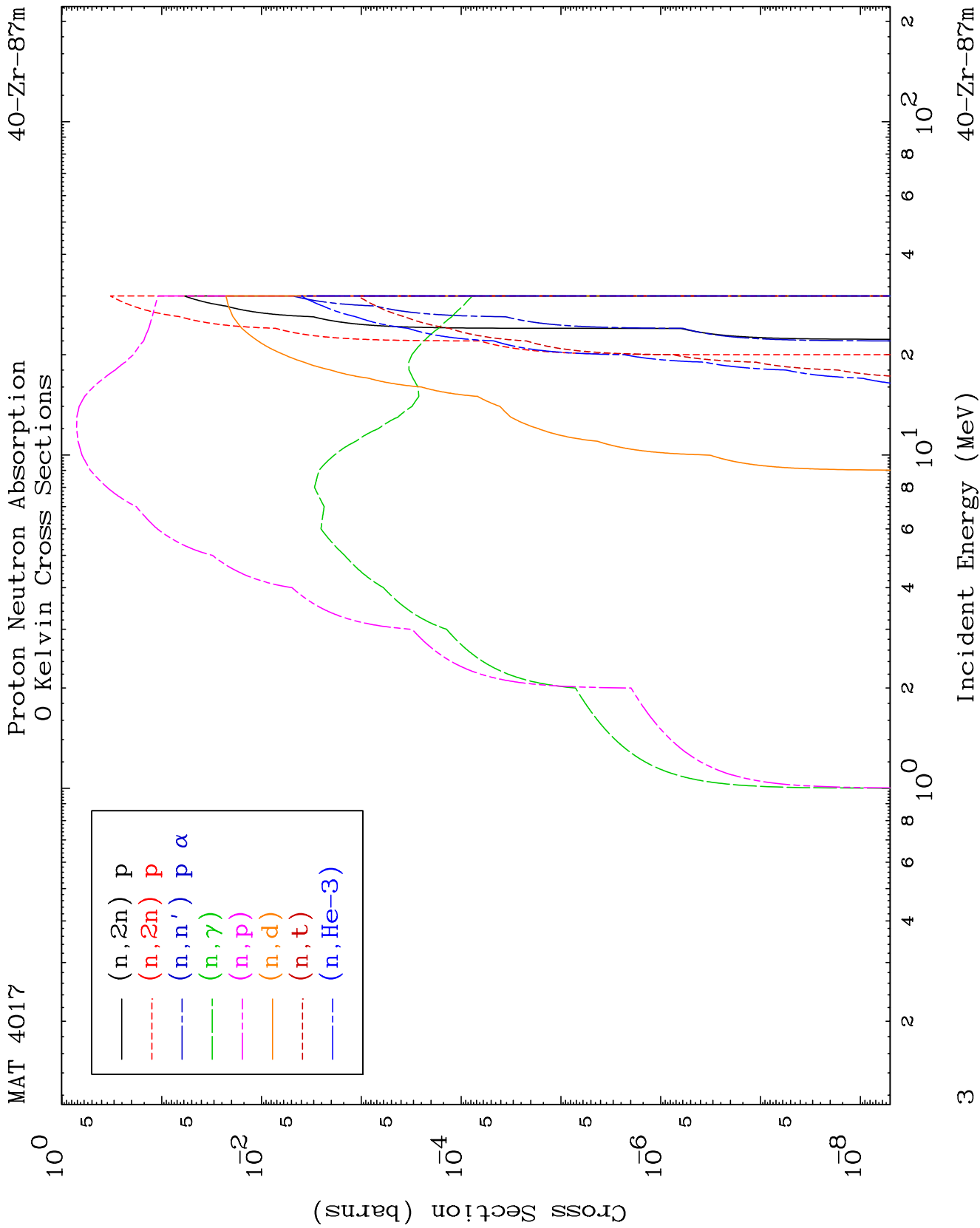
Proton Major
0 Kelvin Cross Sections

40-Zr-87m



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

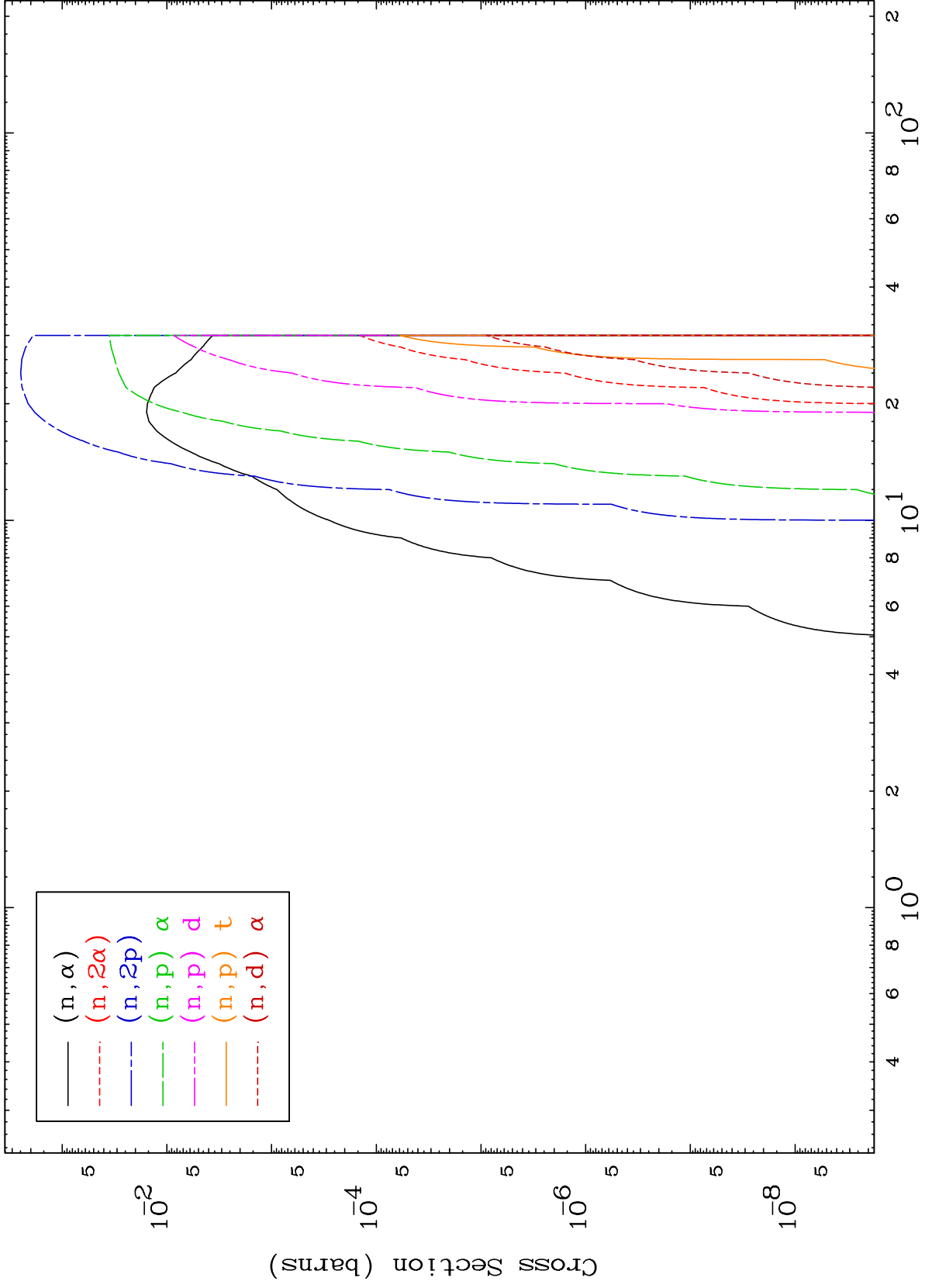


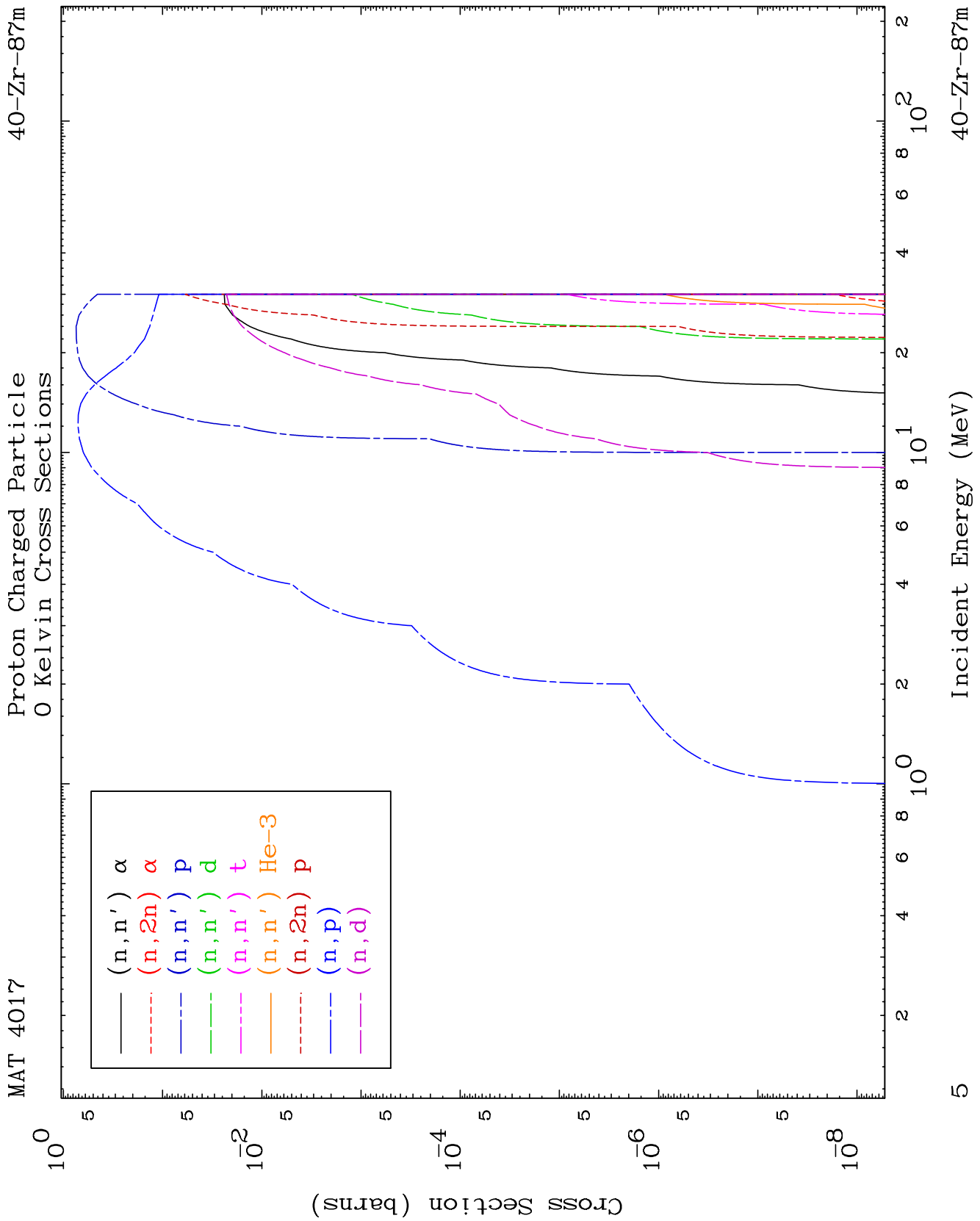


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Proton Neutron Absorption
0 Kelvin Cross Sections

40-Zr-87m

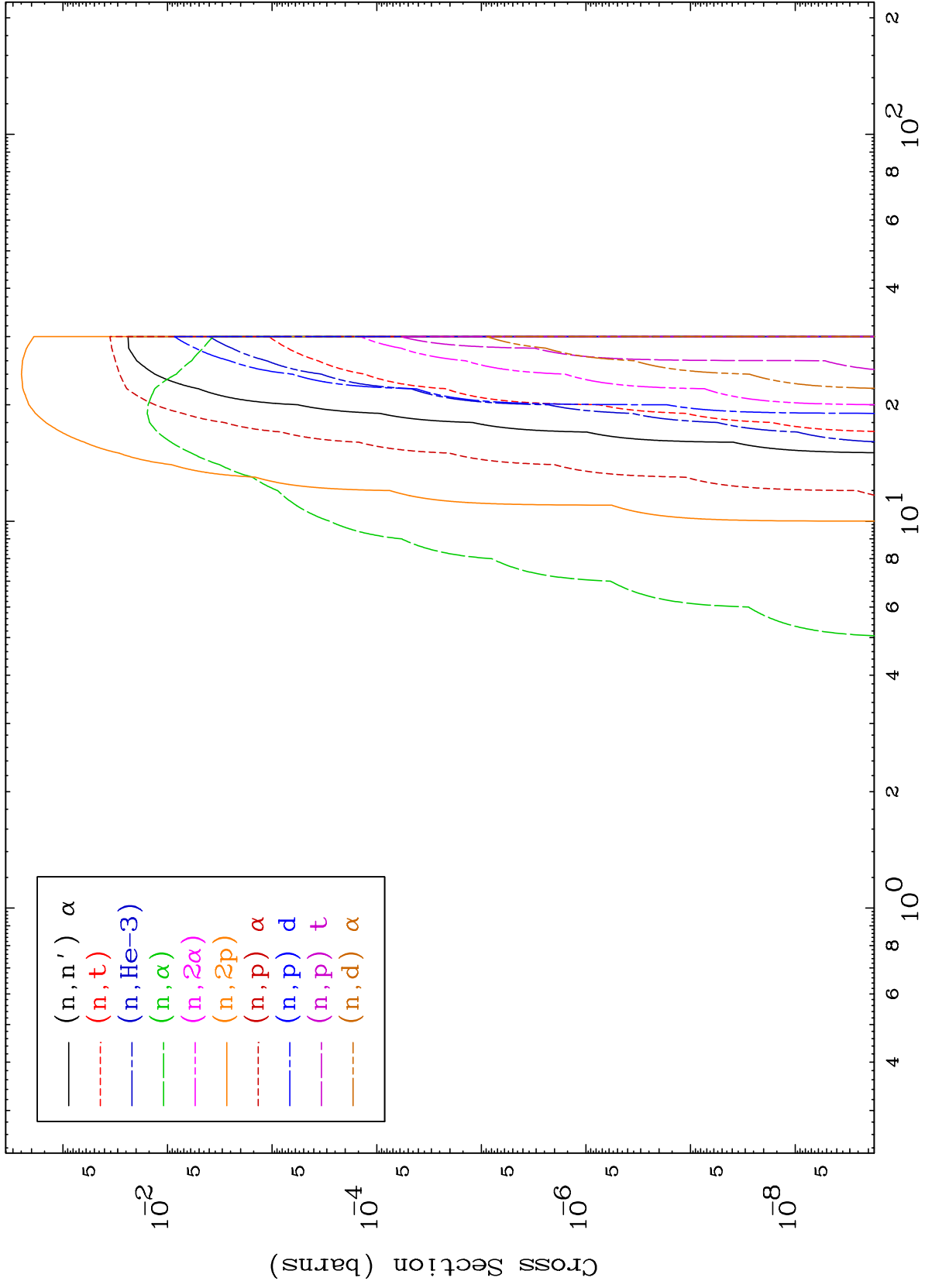




MAT 4017

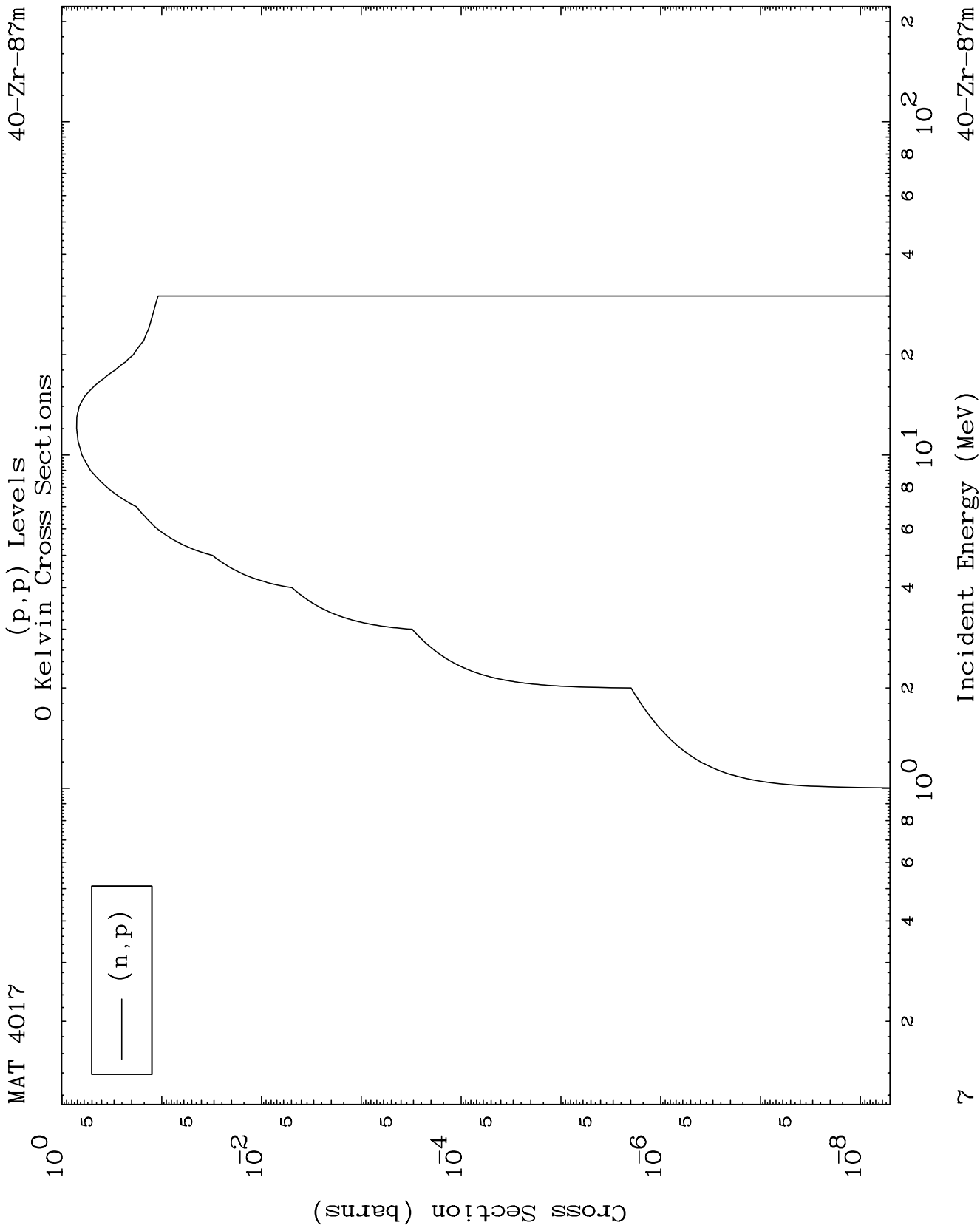
Proton Charged Particle
0 Kelvin Cross Sections

40-Zr-87m



Incident Energy (MeV)

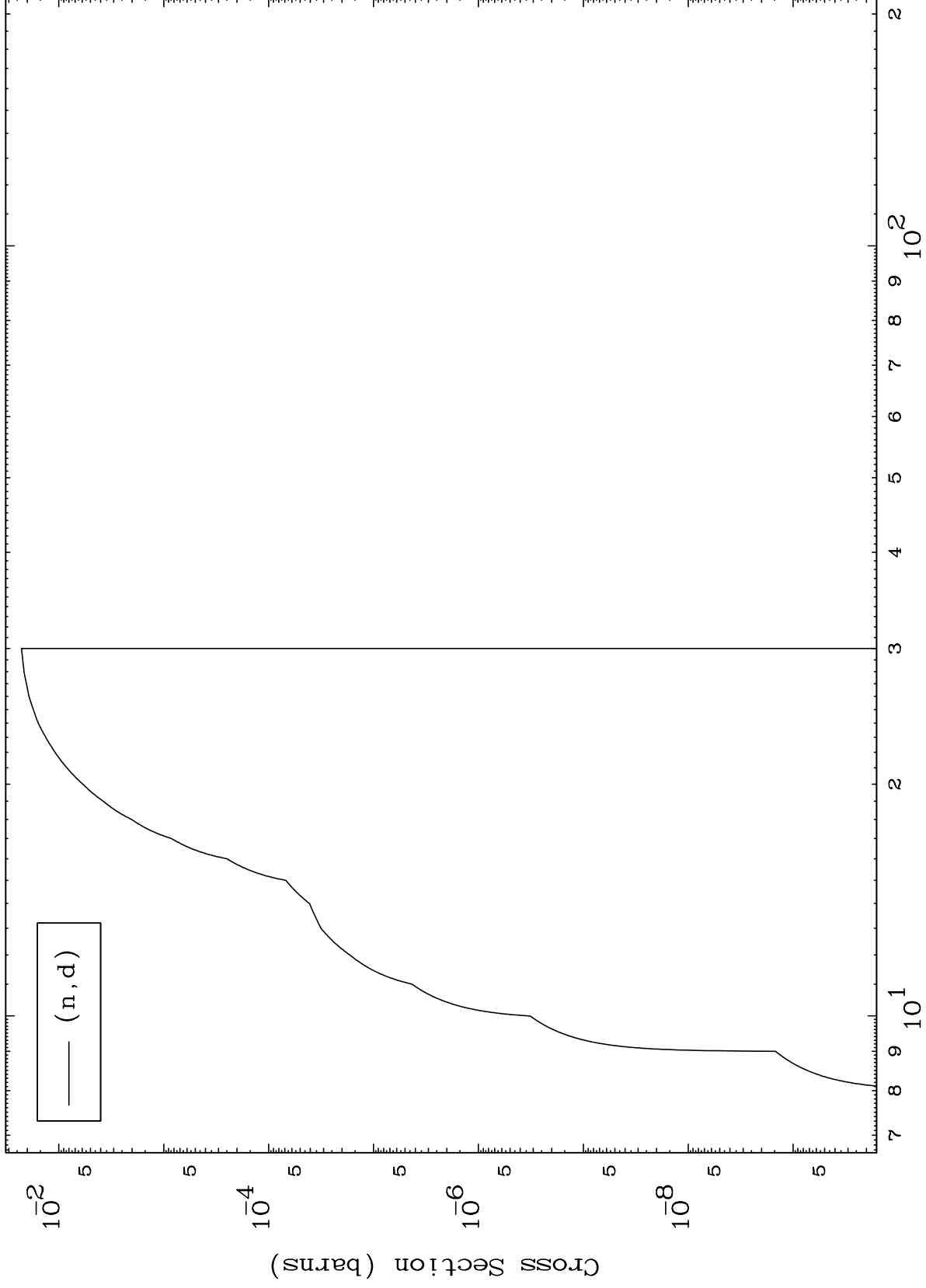
40-Zr-87m



MAT 4017

(p,d) Levels
0 Kelvin Cross Sections

40-Zr-87m



8

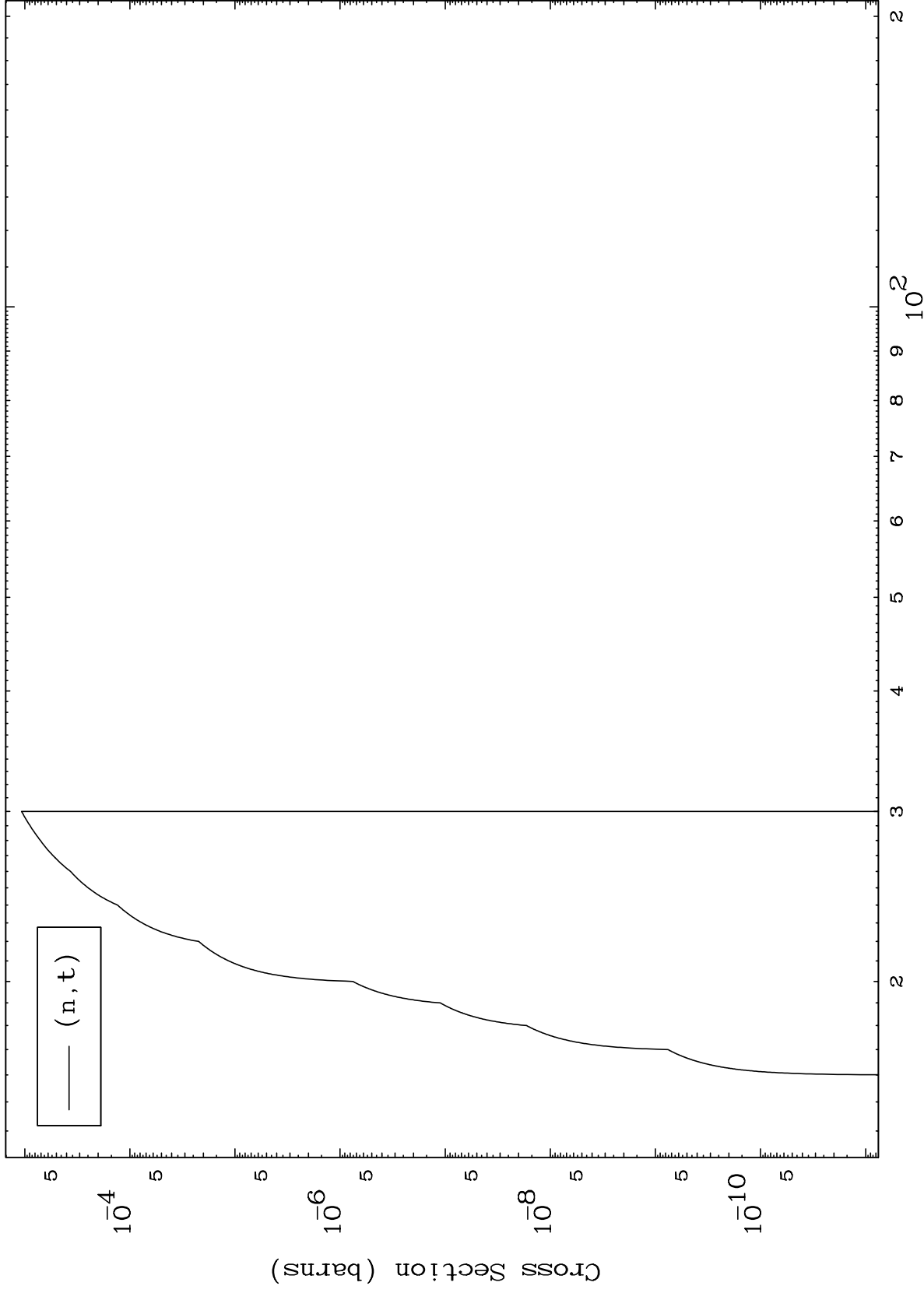
Incident Energy (MeV)

40-Zr-87m

MAT 4017

(p,t) Levels
0 Kelvin Cross Sections

40-Zr-87m



9

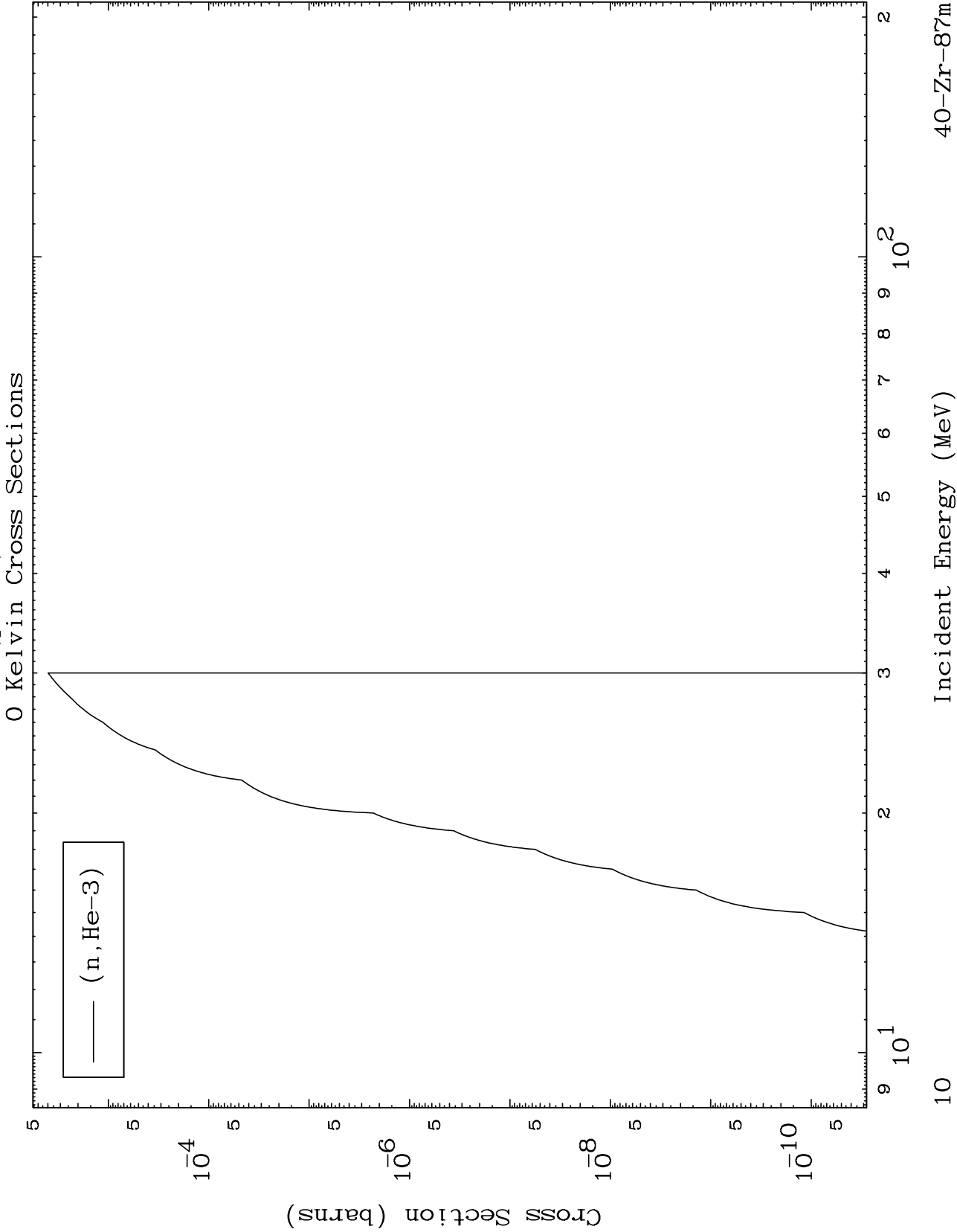
Incident Energy (MeV)

40-Zr-87m

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(p,He3) Levels

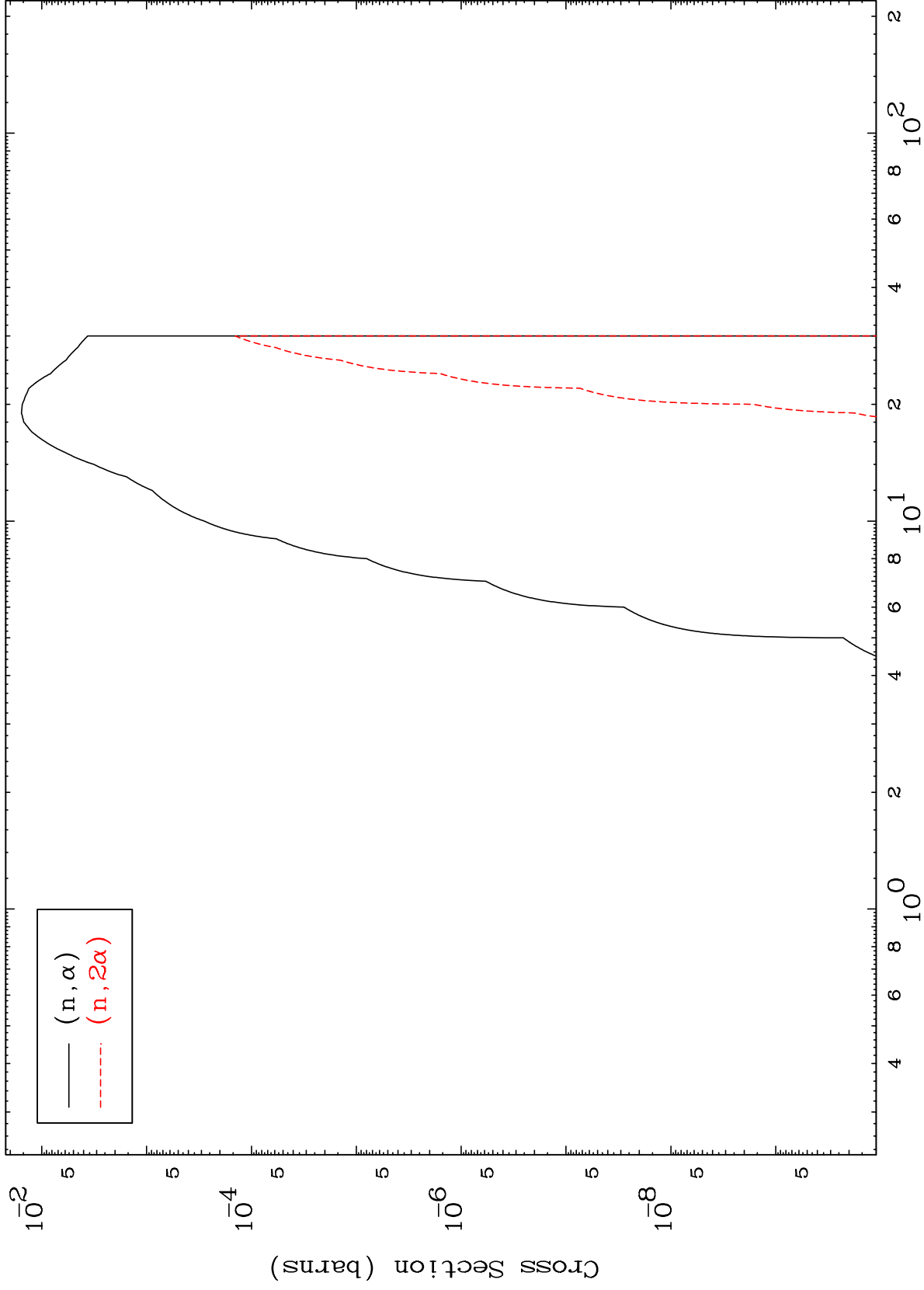
40-Zr-87m



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(p, α) Levels
0 Kelvin Cross Sections

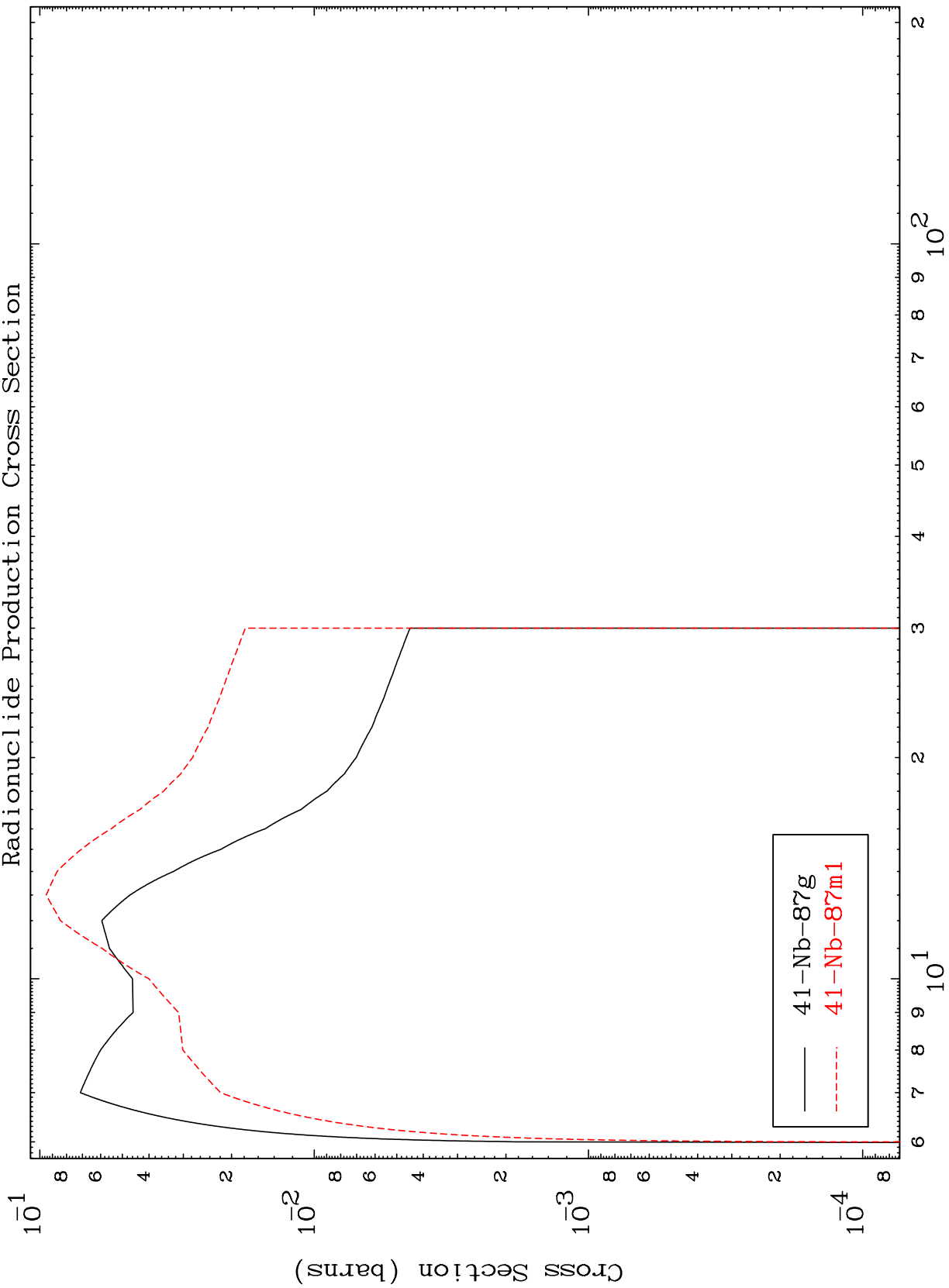
40-Zr-87m



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40-Zr-87m

Inelastic
Radionuclide Production Cross Section



40-Zr-87m

Incident Energy (MeV)

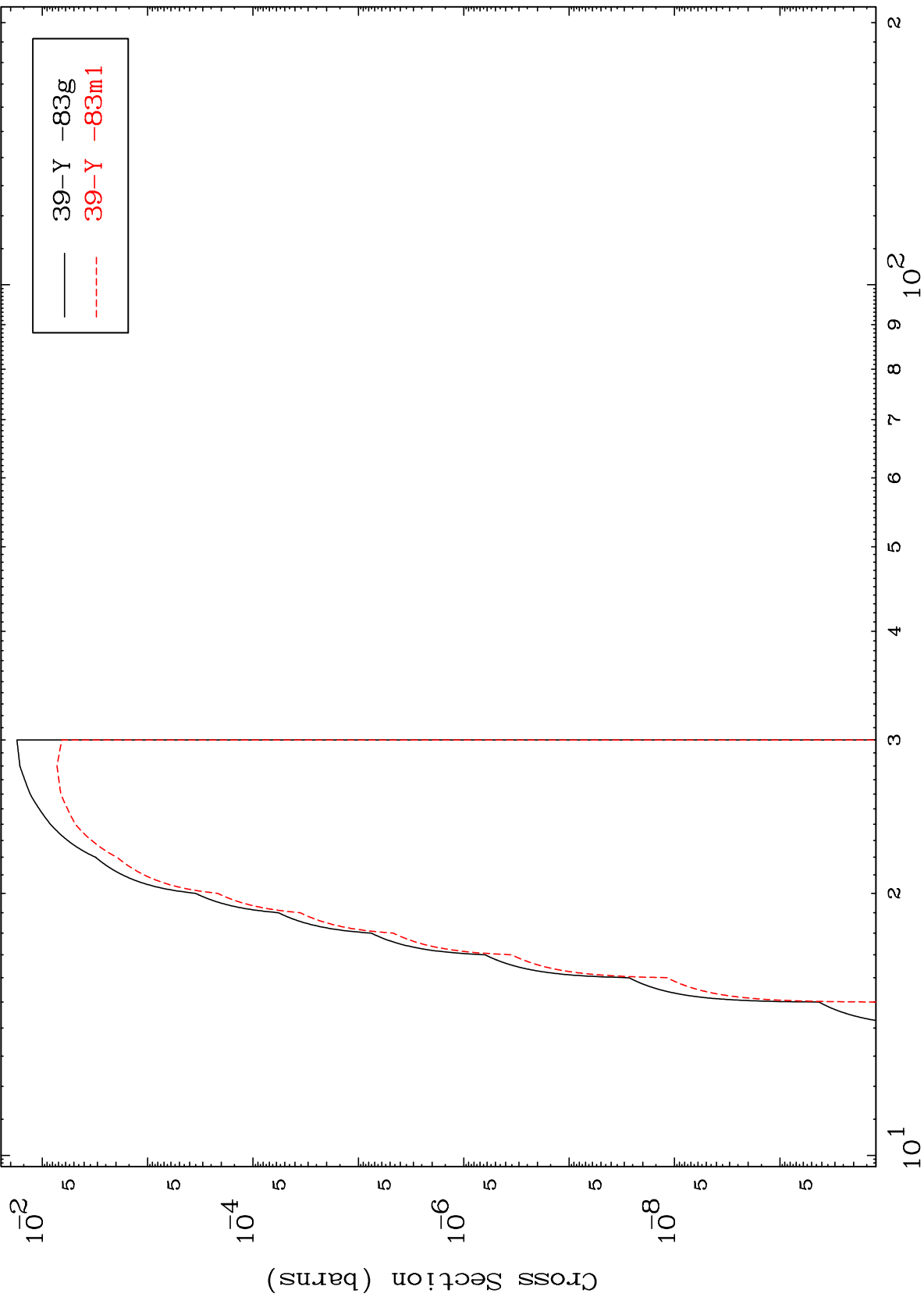
12

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$(n, n') \alpha$

40-Zr-87m

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1

10¹

Incident Energy (MeV)

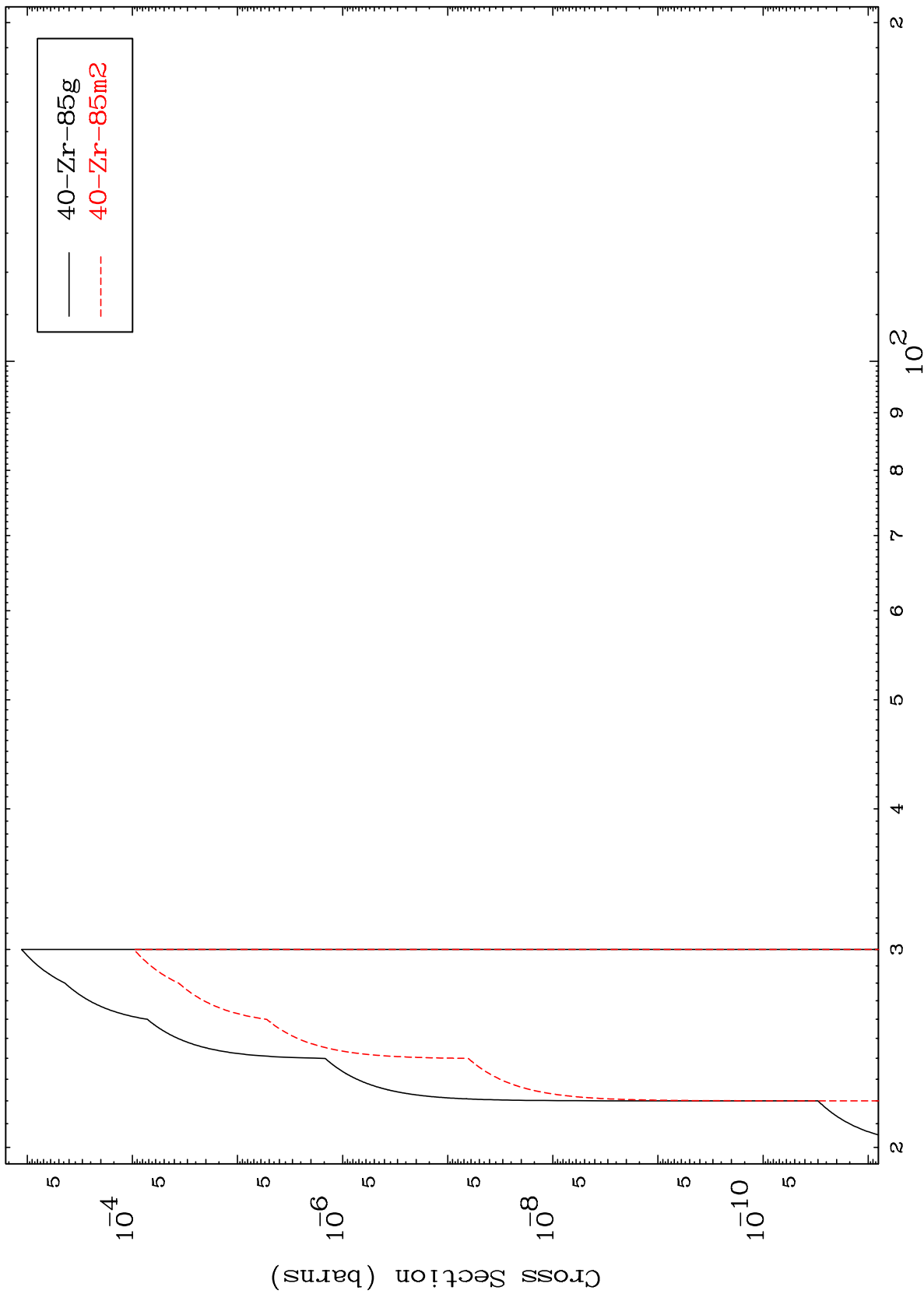
40-Zr-87m

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(n,n') d

40-Zr-87m

Radionuclide Production Cross Section



14

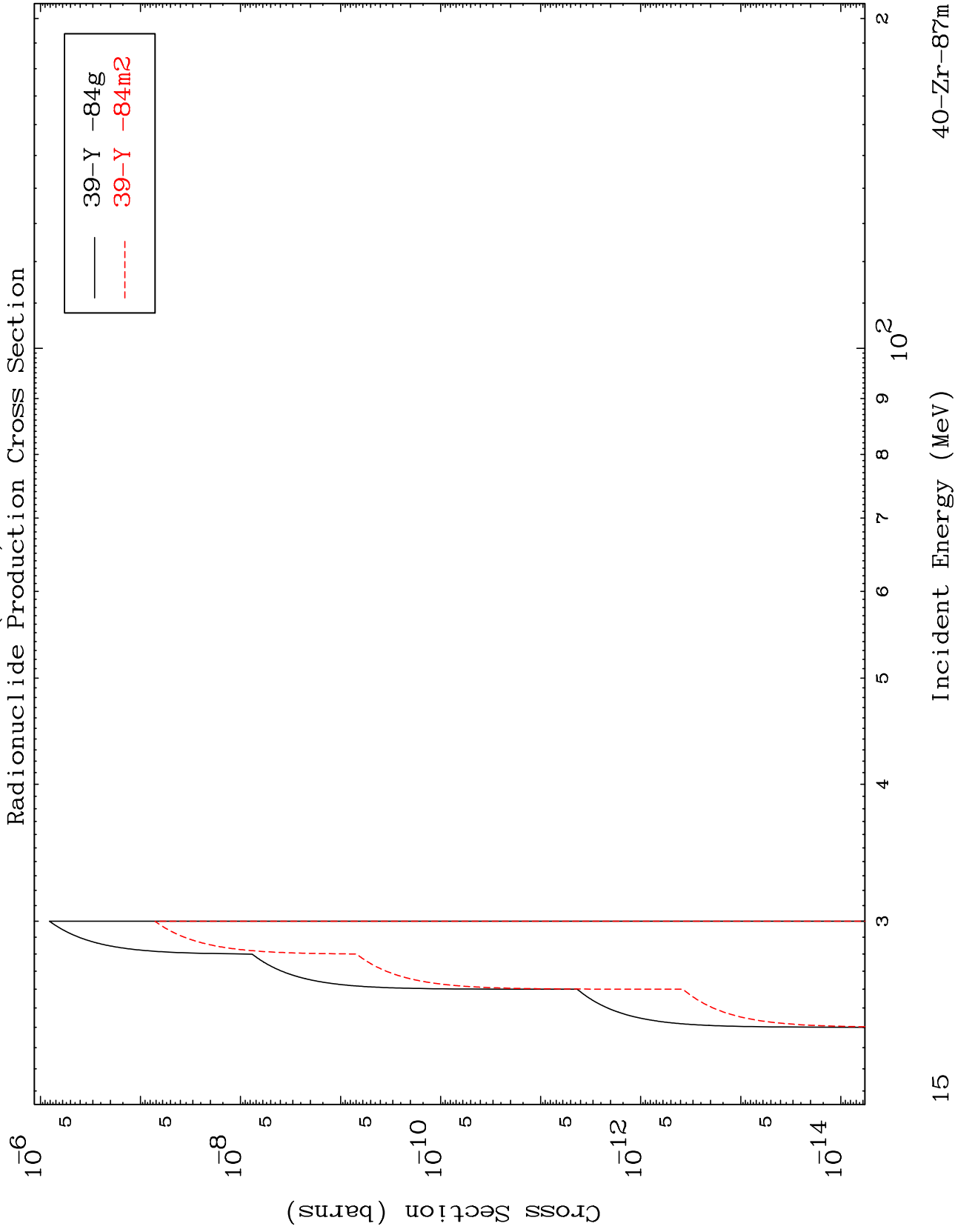
Incident Energy (MeV)

40-Zr-87m

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(n,n') He-3

40-Zr-87m



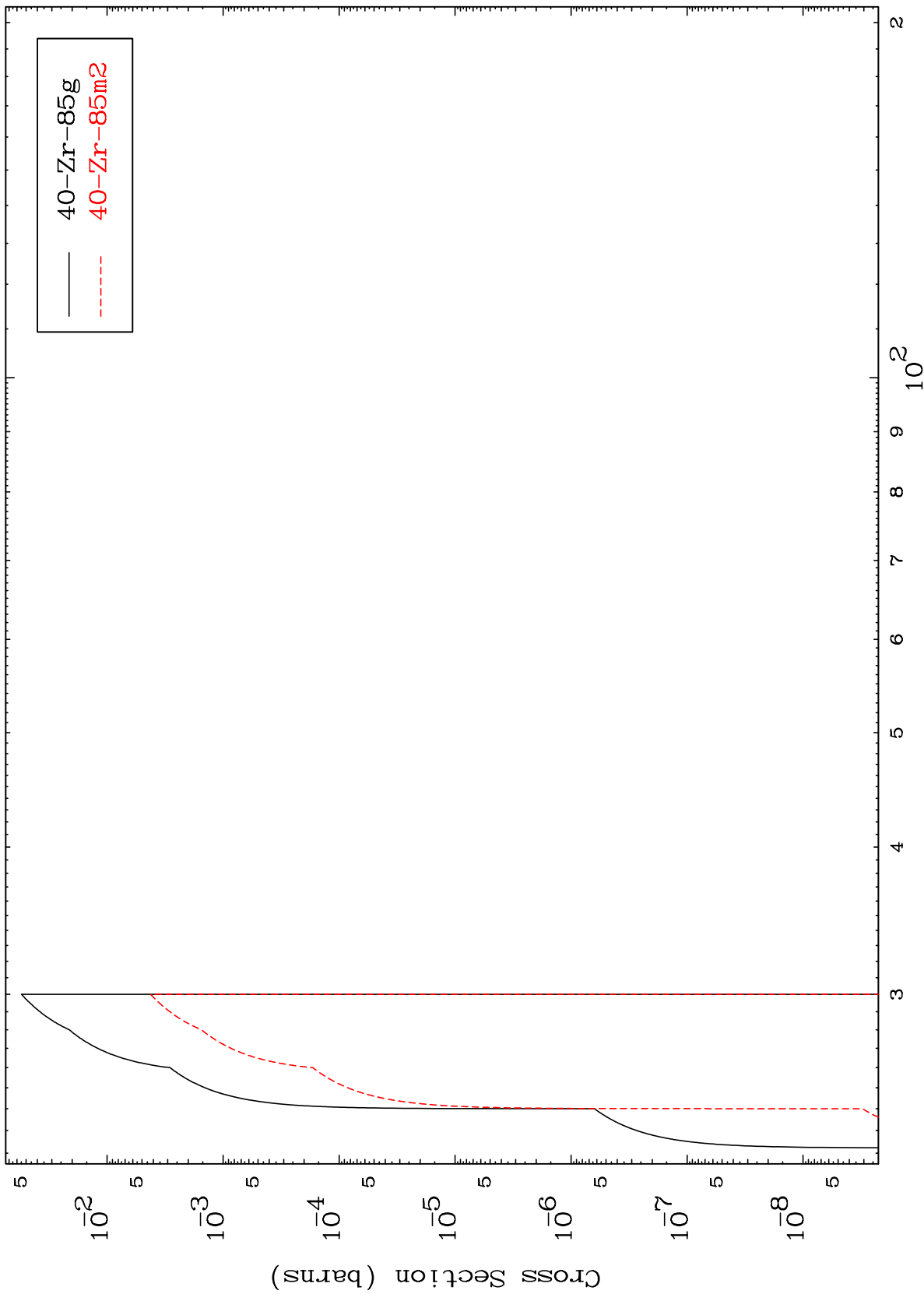
15

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(n,2n) p

40-Zr-87m

Radionuclide Production Cross Section



16

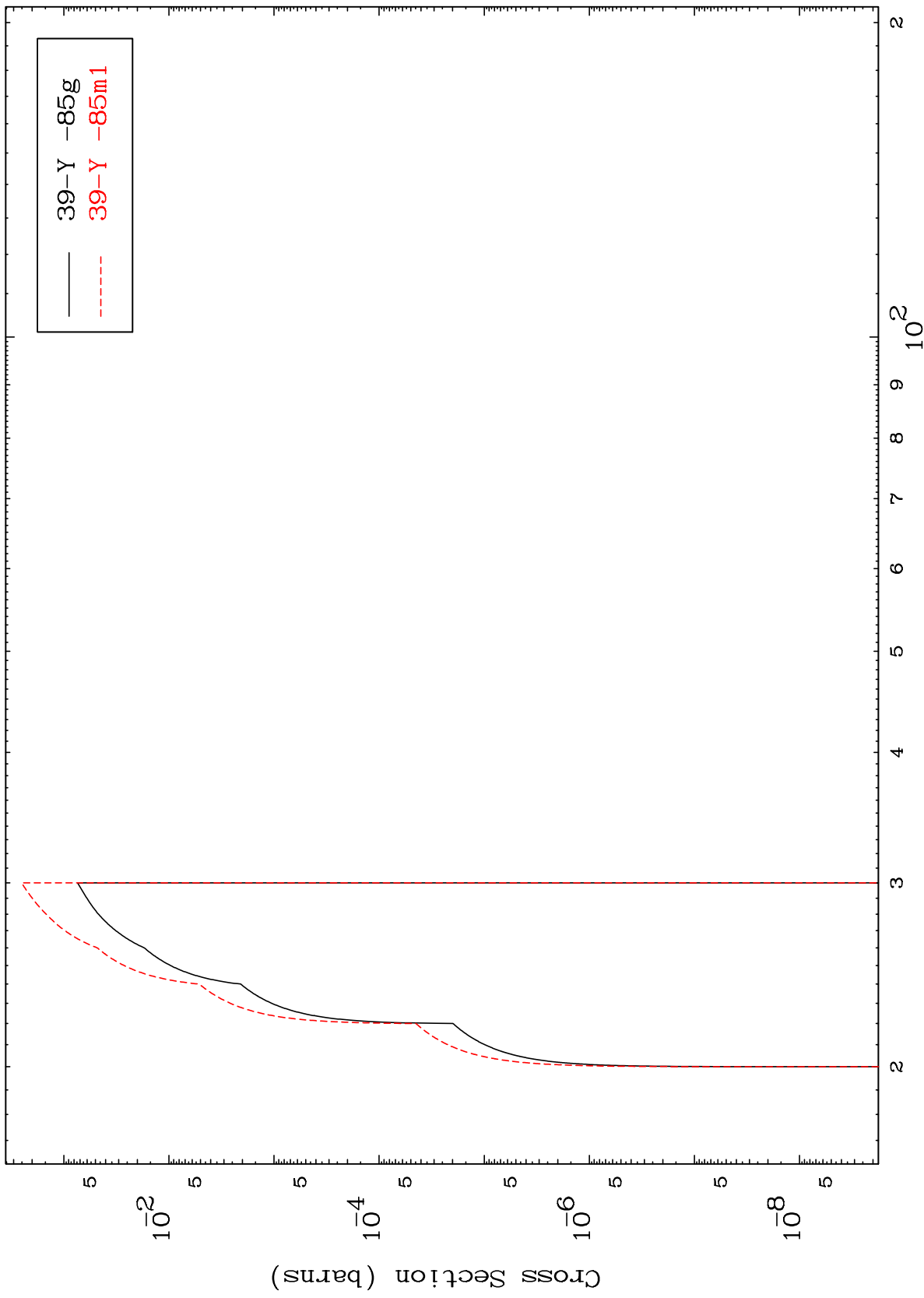
Incident Energy (MeV)

40-Zr-87m

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40-Zr-87m

(n,2n) p
Radionuclide Production Cross Section



17

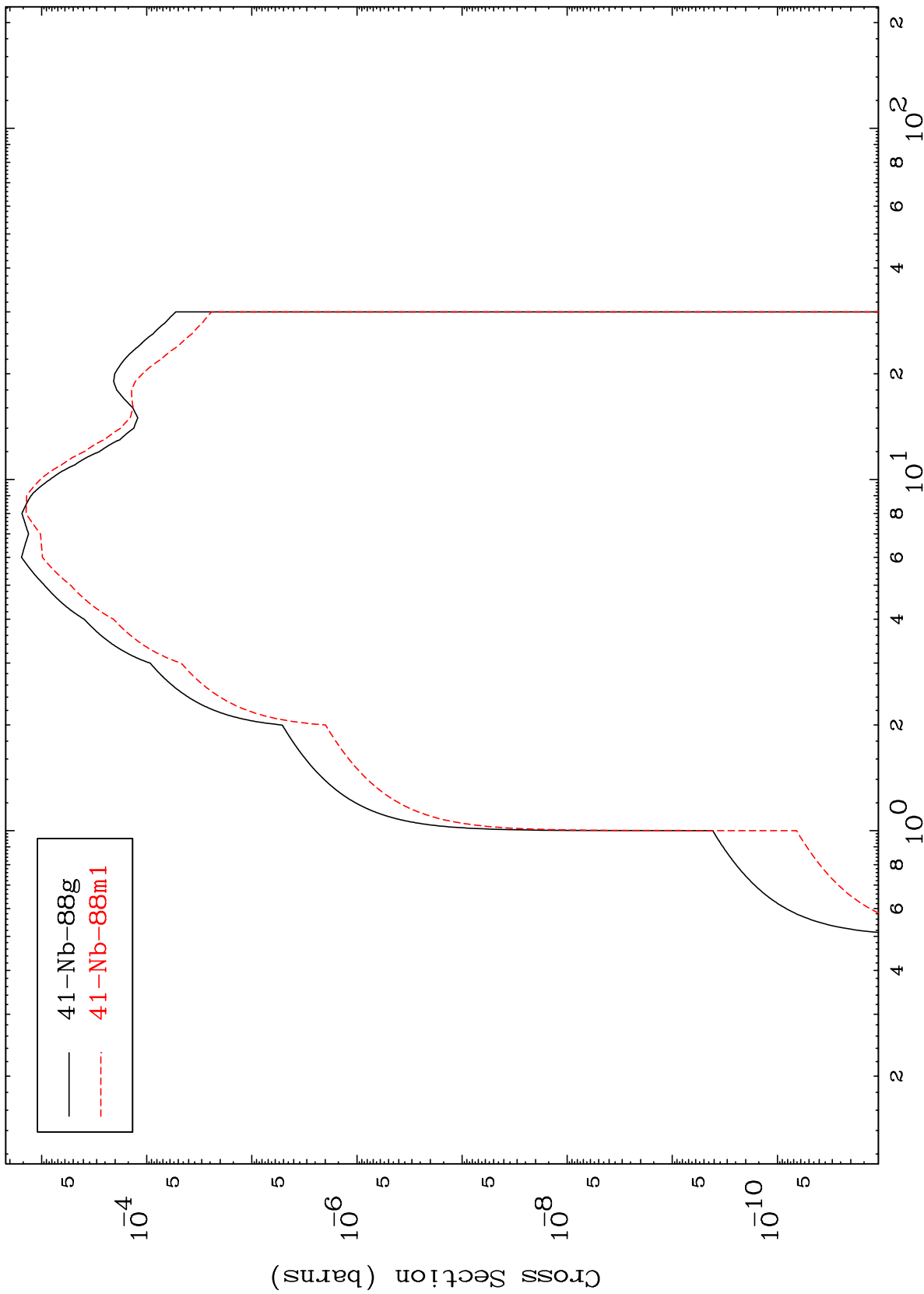
Incident Energy (MeV)

40-Zr-87m

MAT 4017

40-Zr-87m

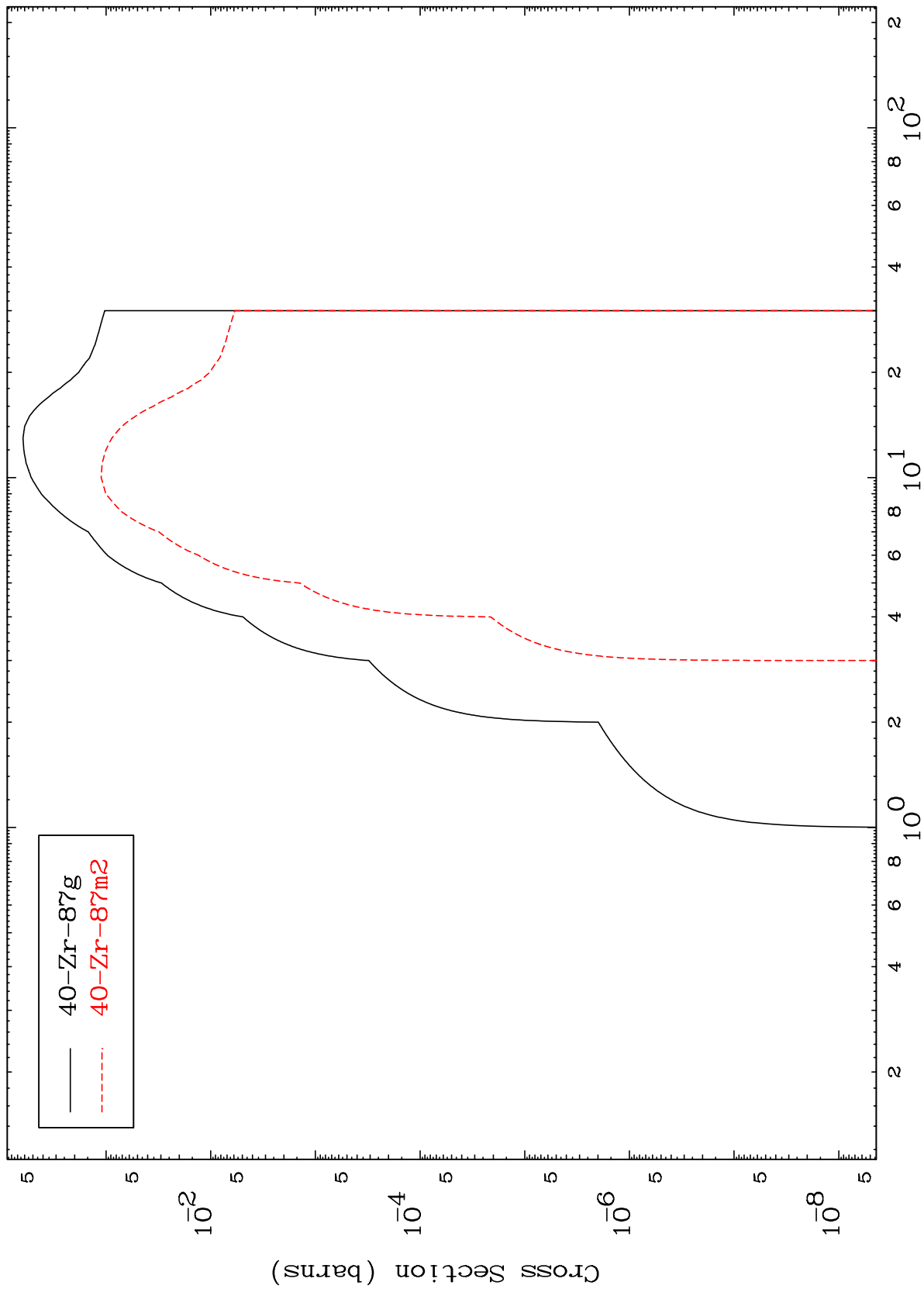
Radionuclide Production Cross Section



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40-Zr-87m

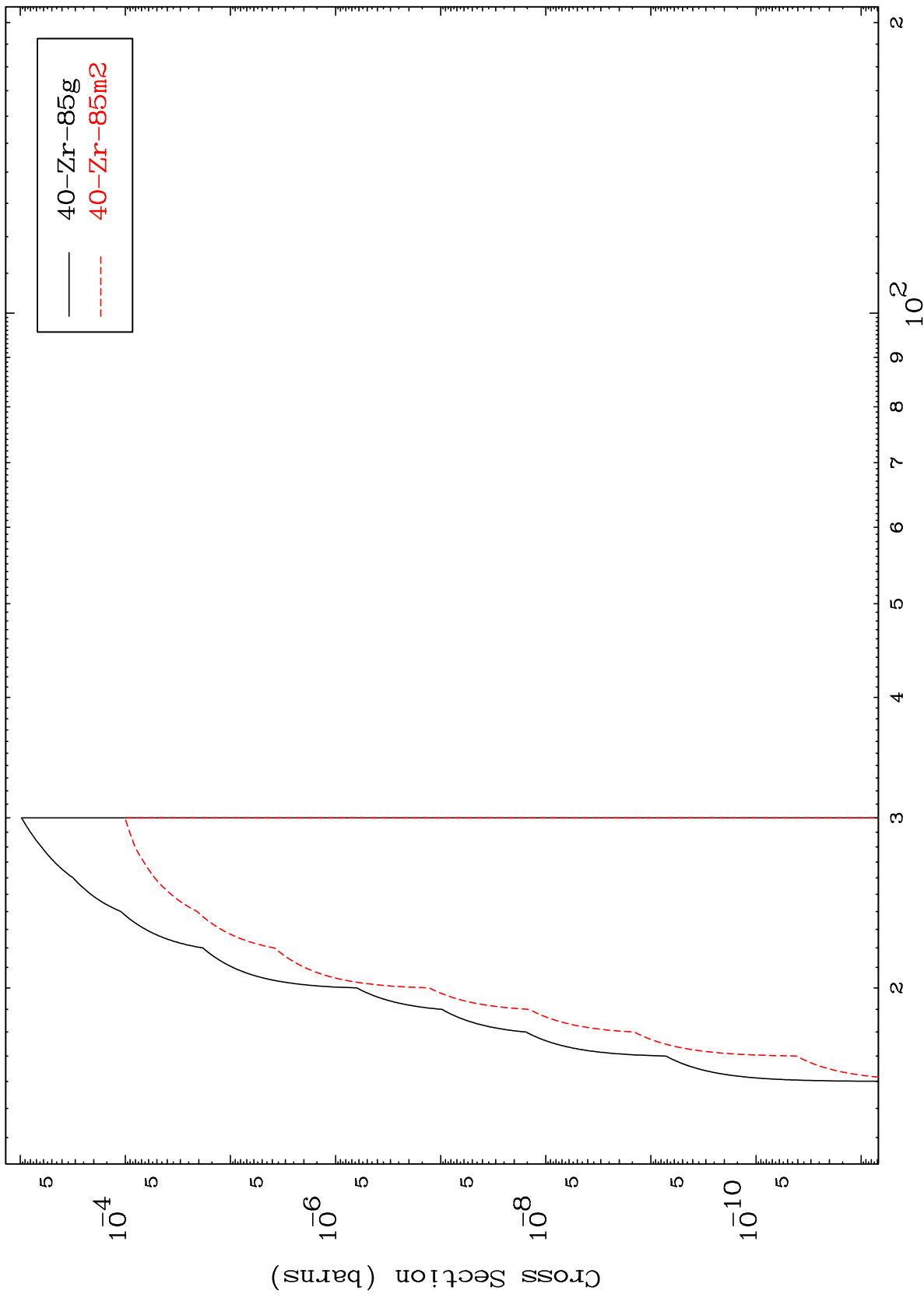
Radionuclide Production Cross Section (n,p)



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40-Zr-87m

(n,t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

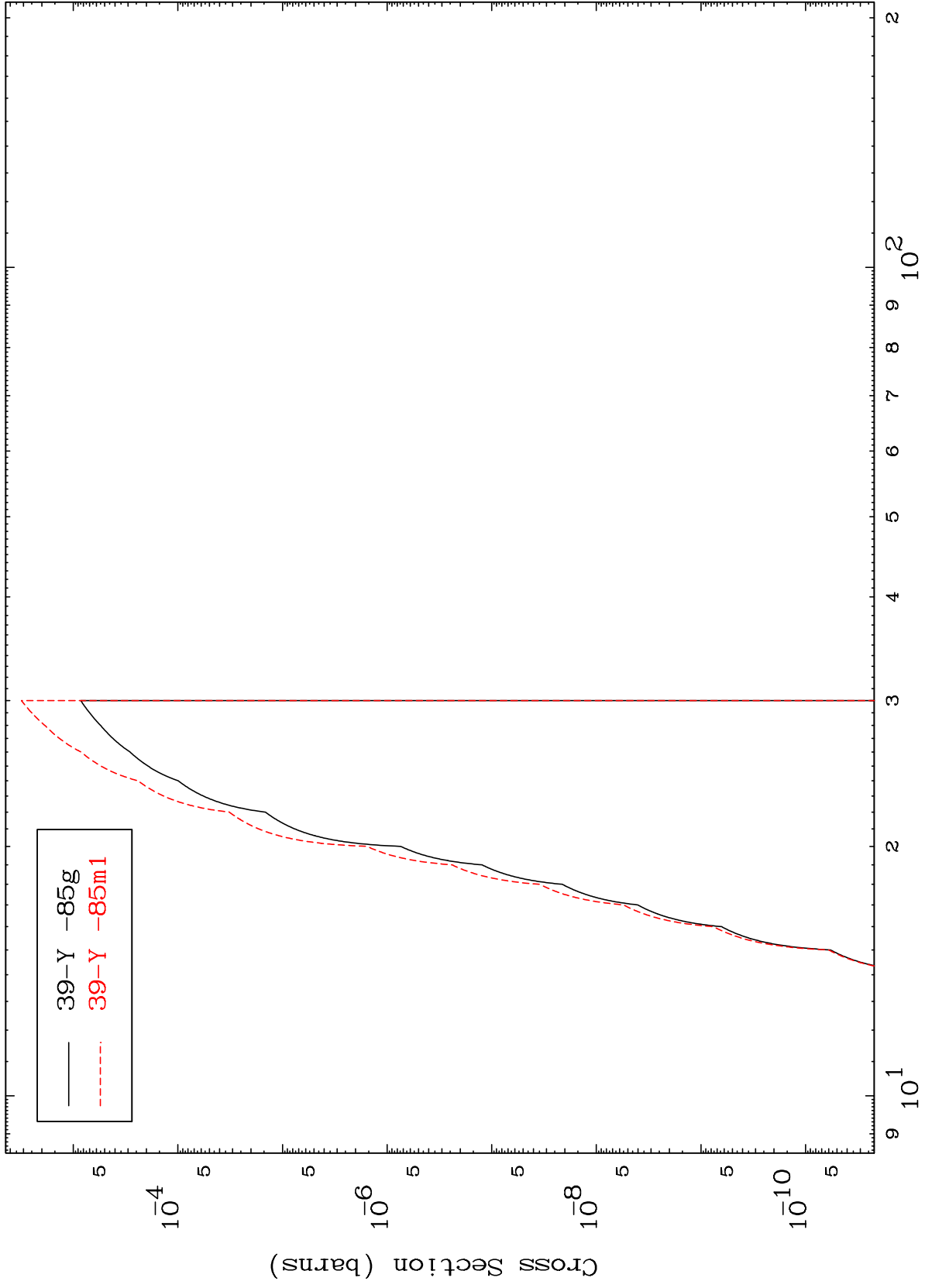
40-Zr-87m

MAT 4017

(n,He-3)

40-Zr-87m

Radionuclide Production Cross Section



21

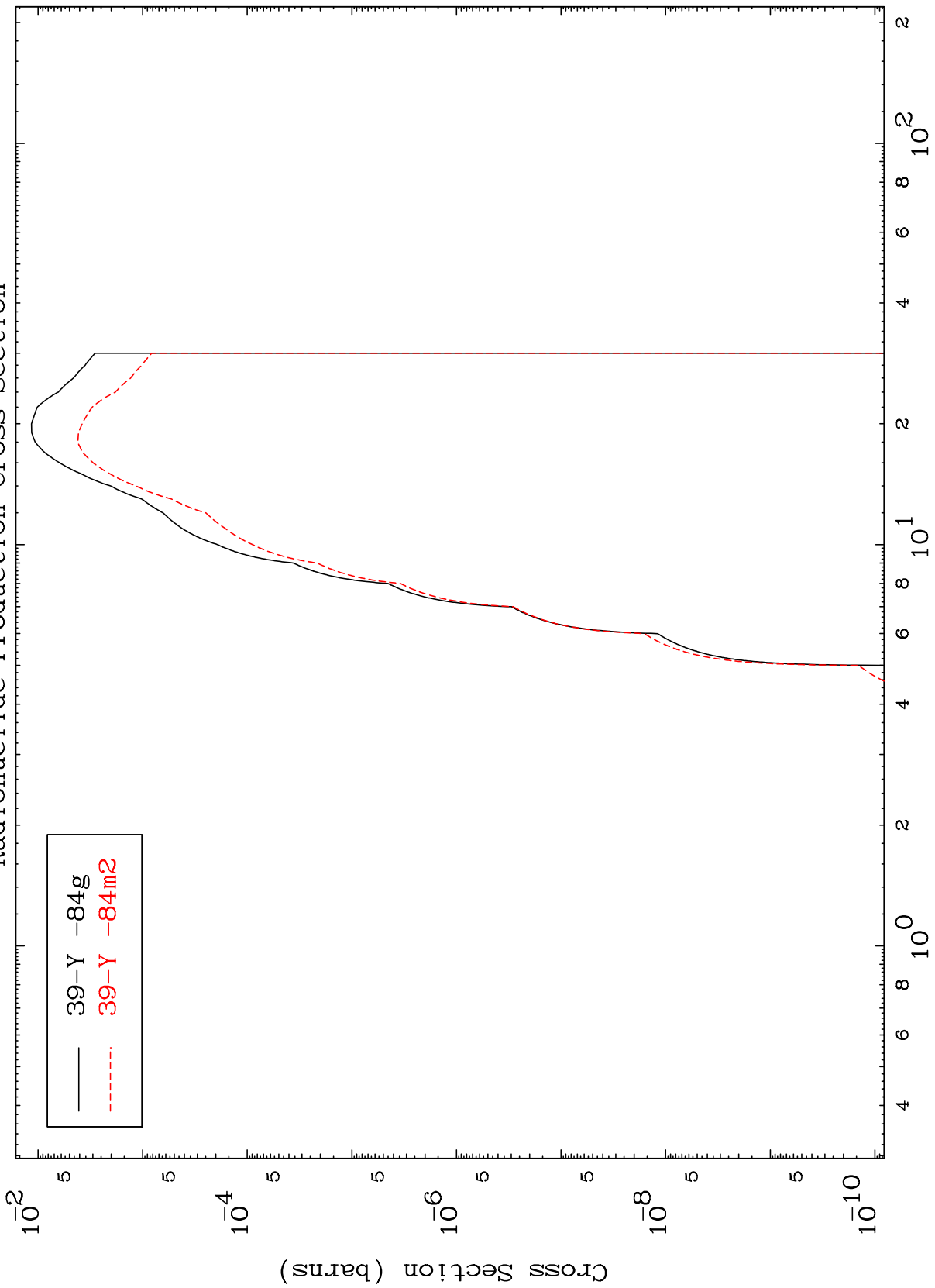
Incident Energy (MeV)

40-Zr-87m

MAT 4017

40-Zr-87m

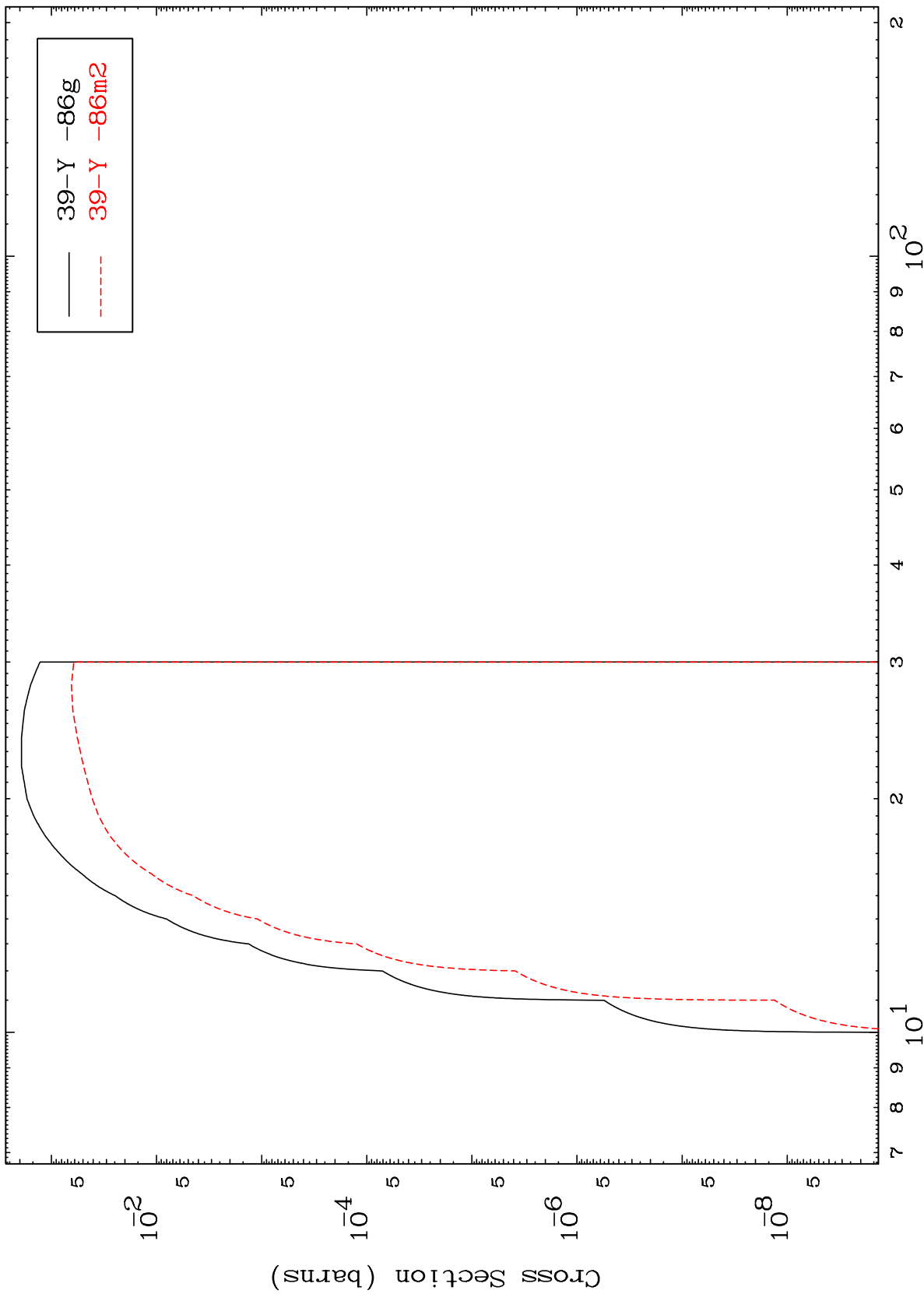
Radionuclide Production Cross Section



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40-Zr-87m

(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

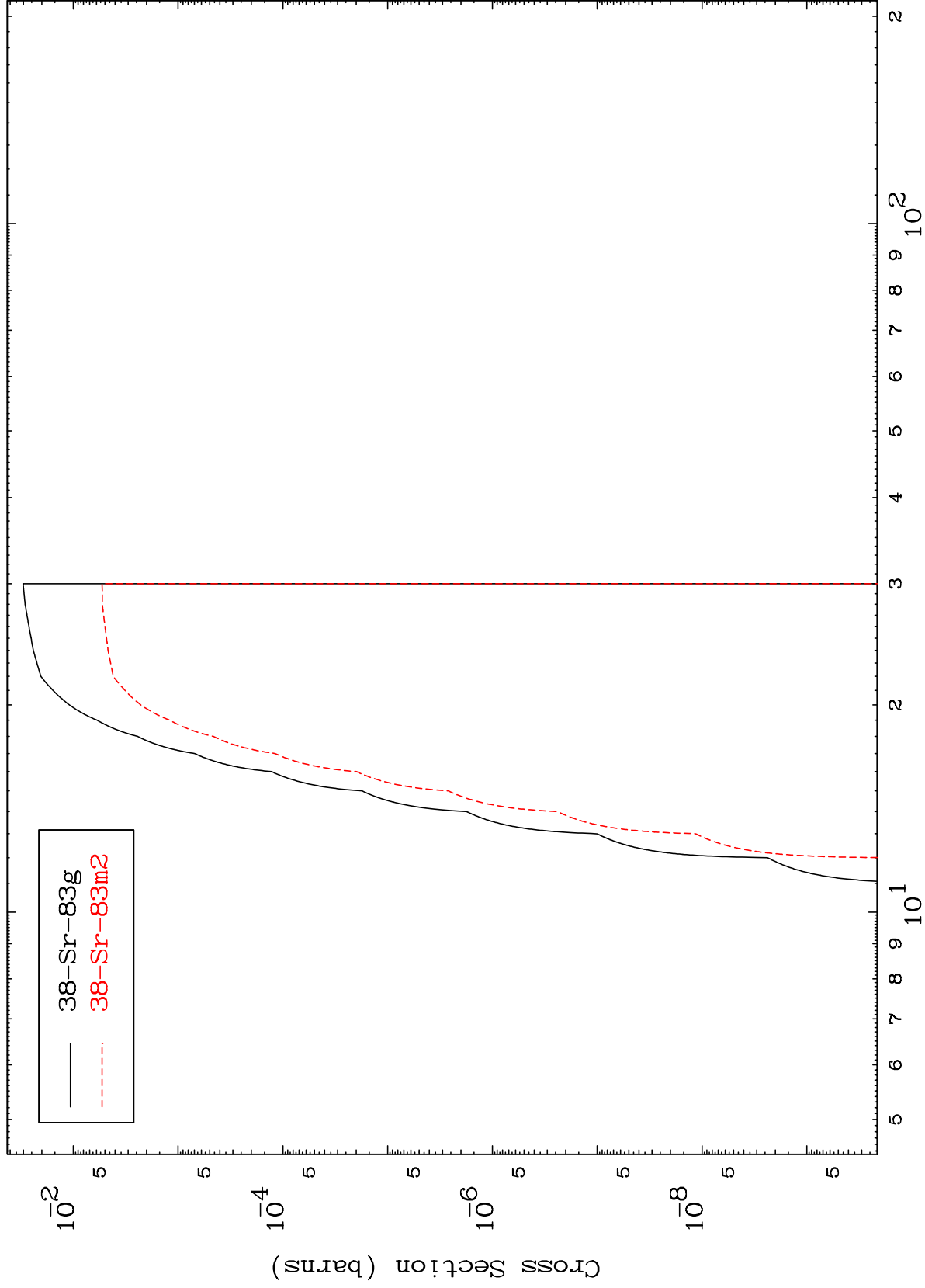
40-Zr-87m

MAT 4017

(n,p) α

40-Zr-87m

Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2

24

Incident Energy (MeV)

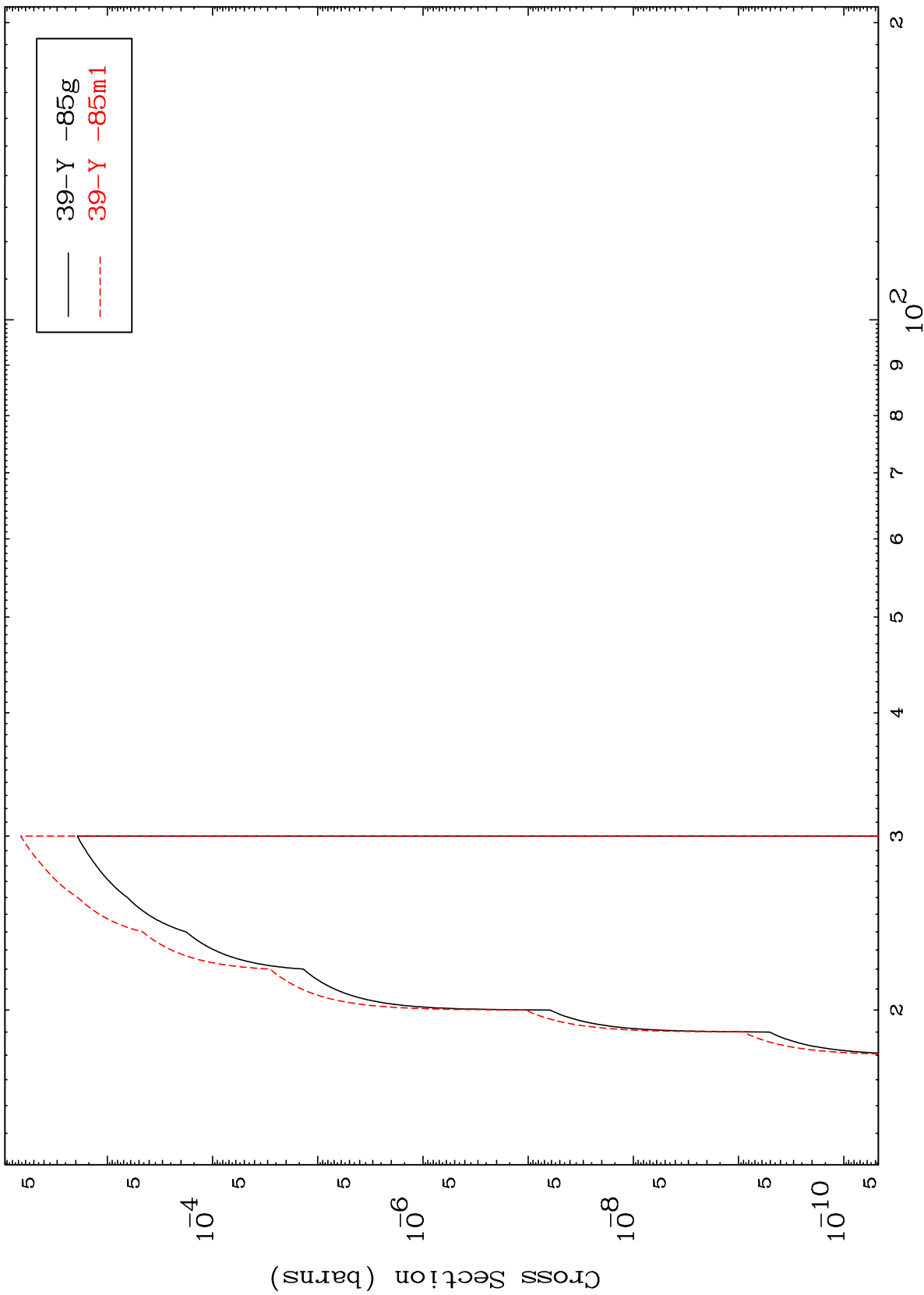
40-Zr-87m

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(n,p) d

40-Zr-87m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

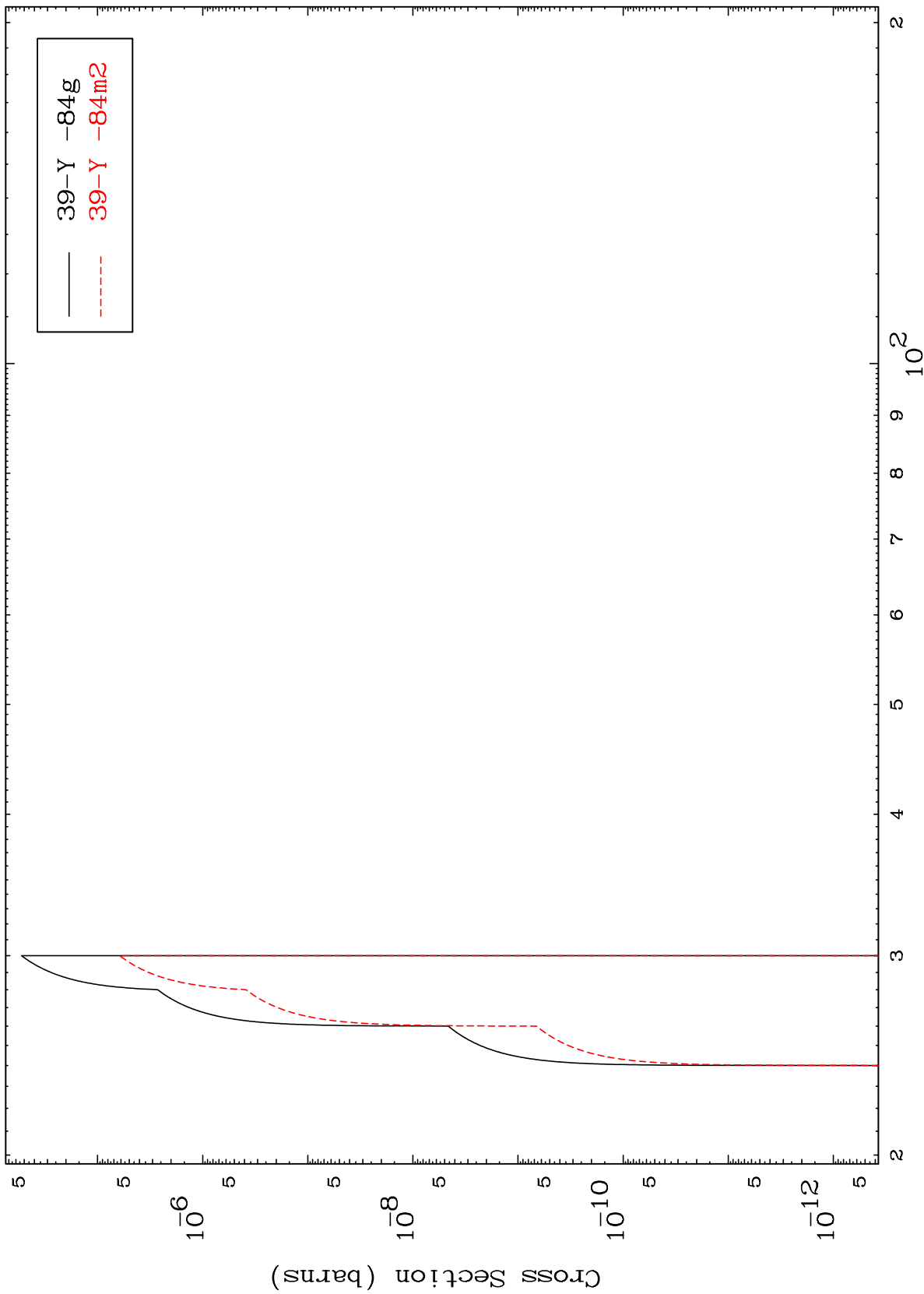
40-Zr-87m

MAT 4017

(n,p) t

40-Zr-87m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

40-Zr-87m