

Program EVALPLOT
(Version 2021-1)

by

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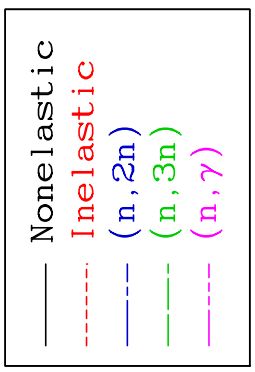
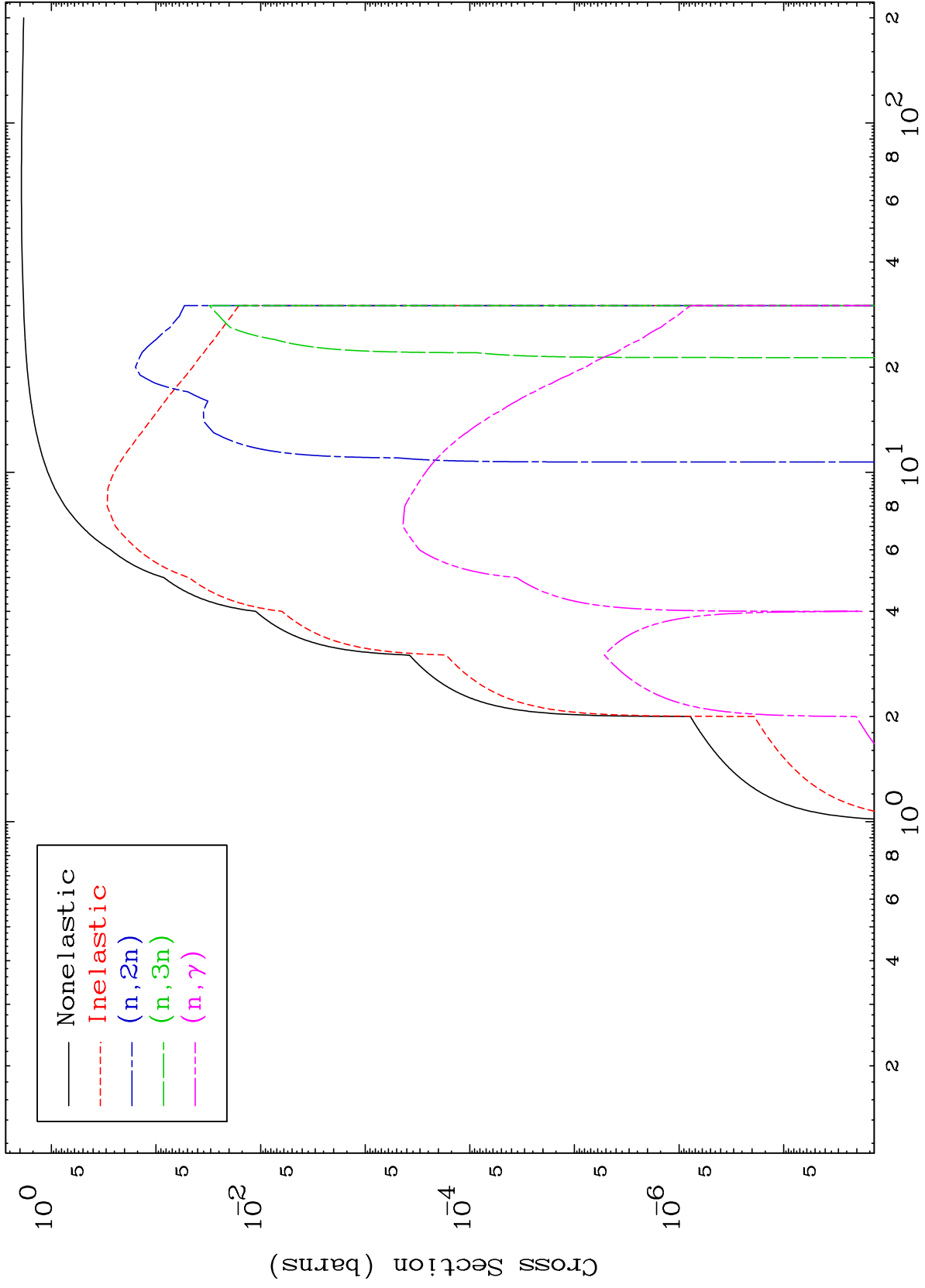
Press Mouse Button to Start

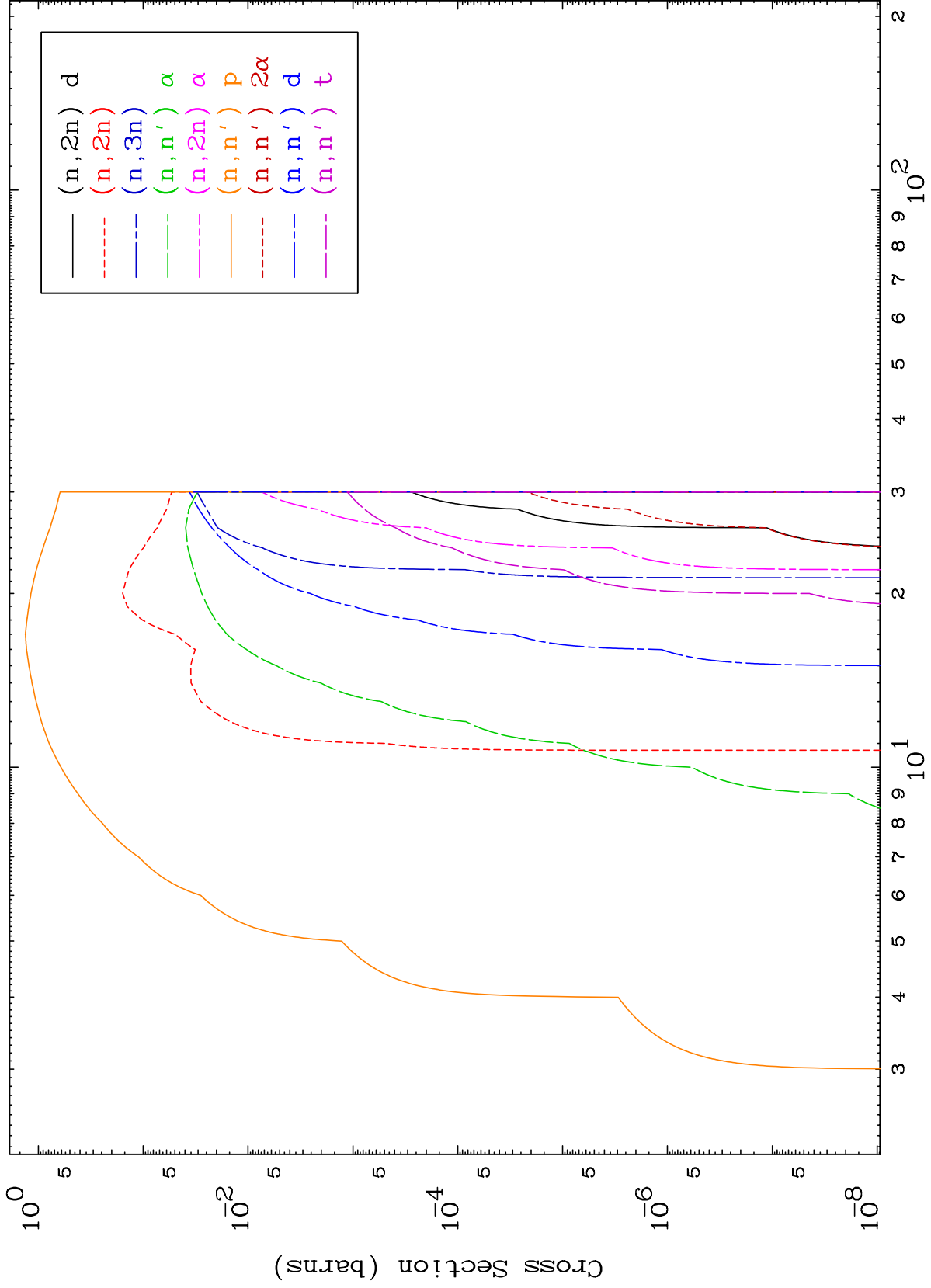
MAT 4019

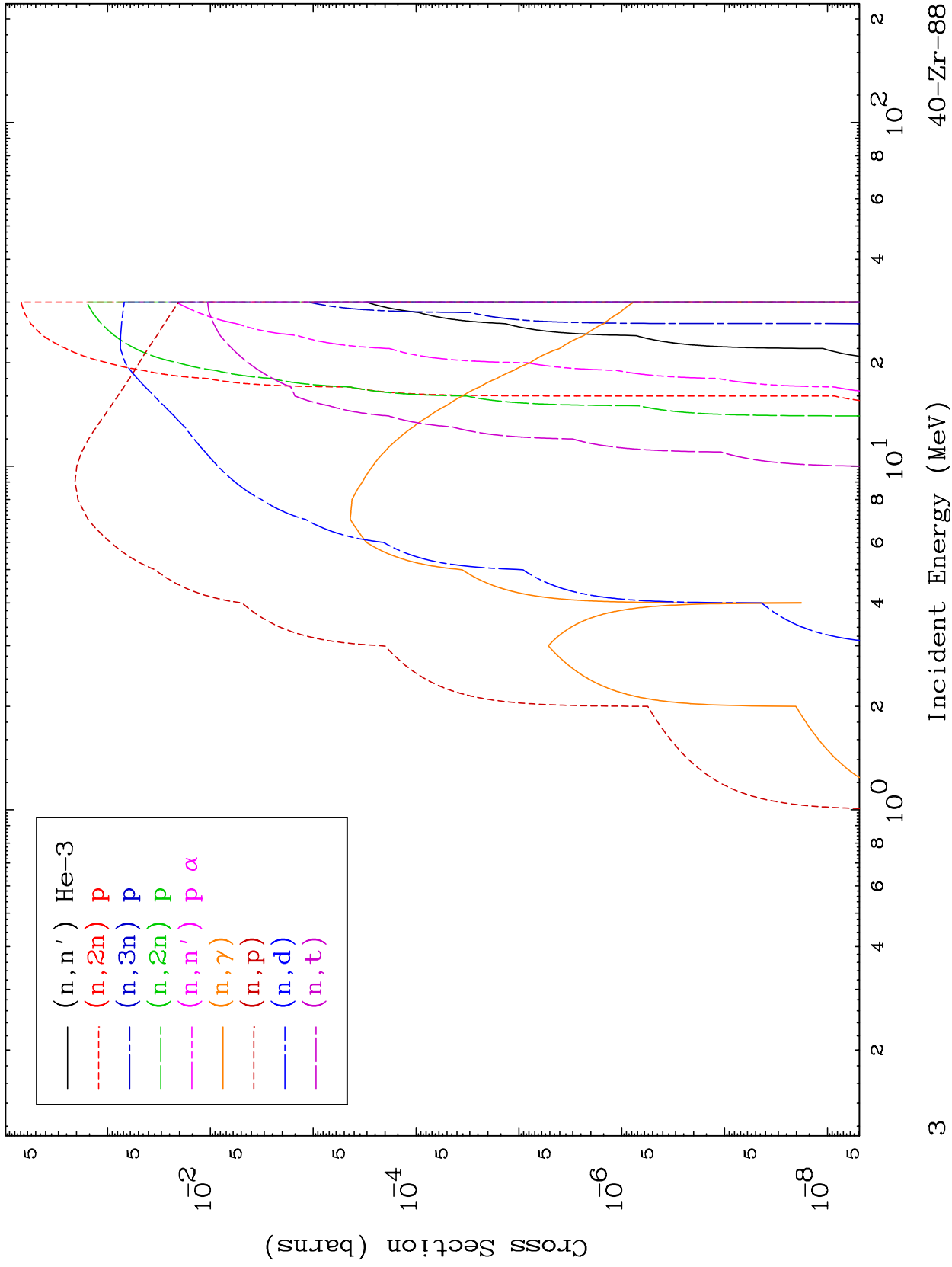
Deuteron Major

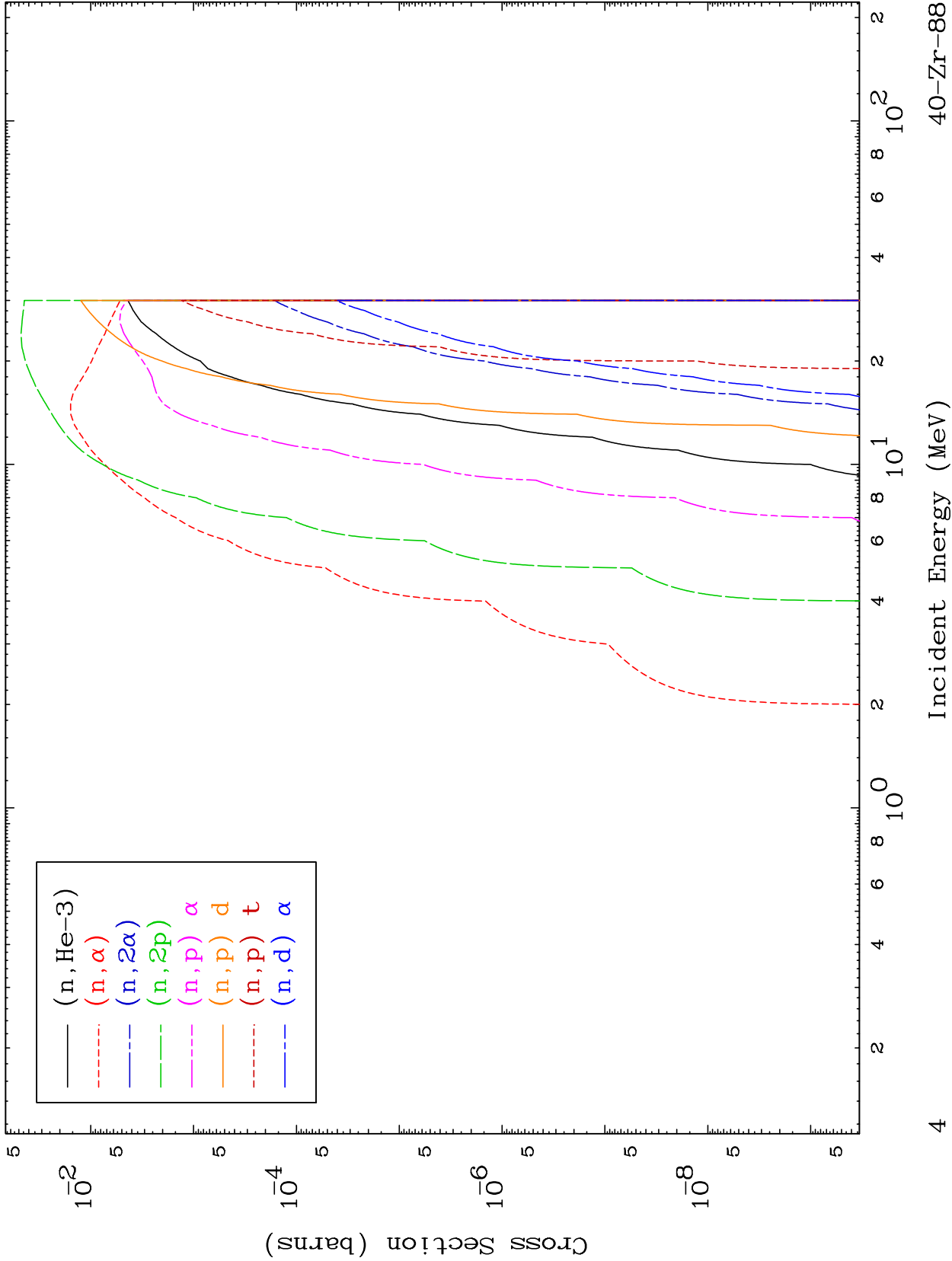
40-Zr-88

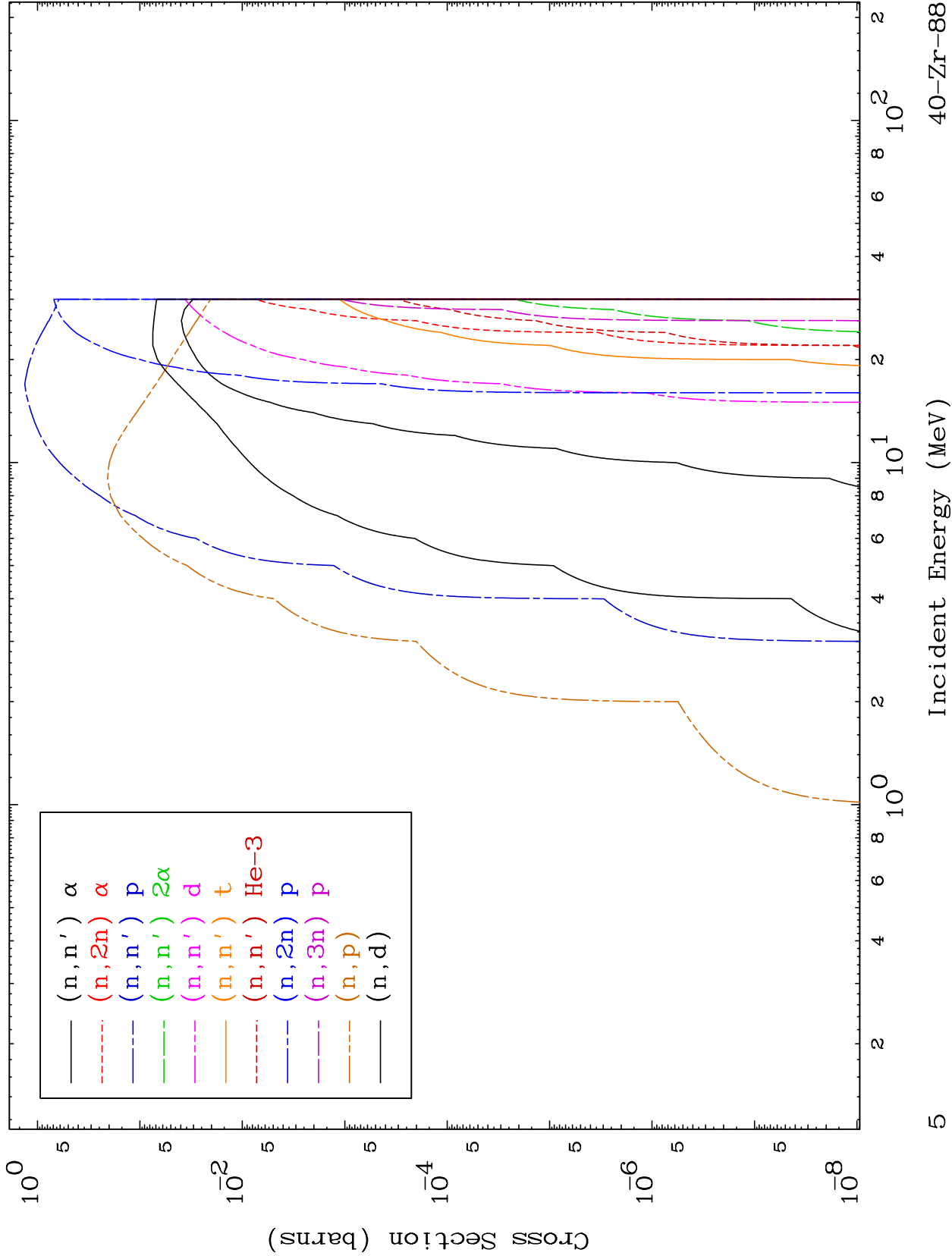
0 Kelvin Cross Sections







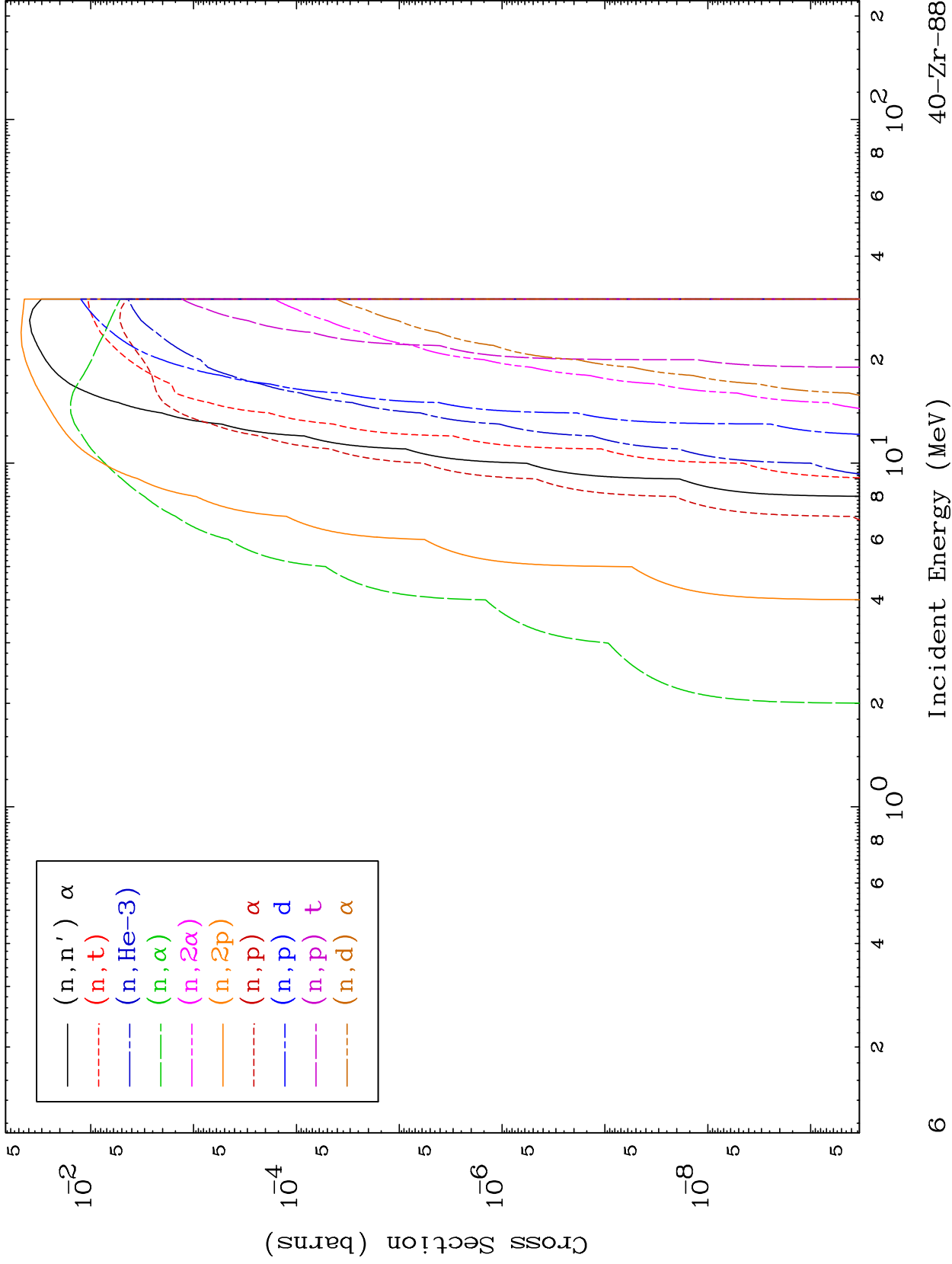




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Deuteron Charged Particle
0 Kelvin Cross Sections

40-Zr-88

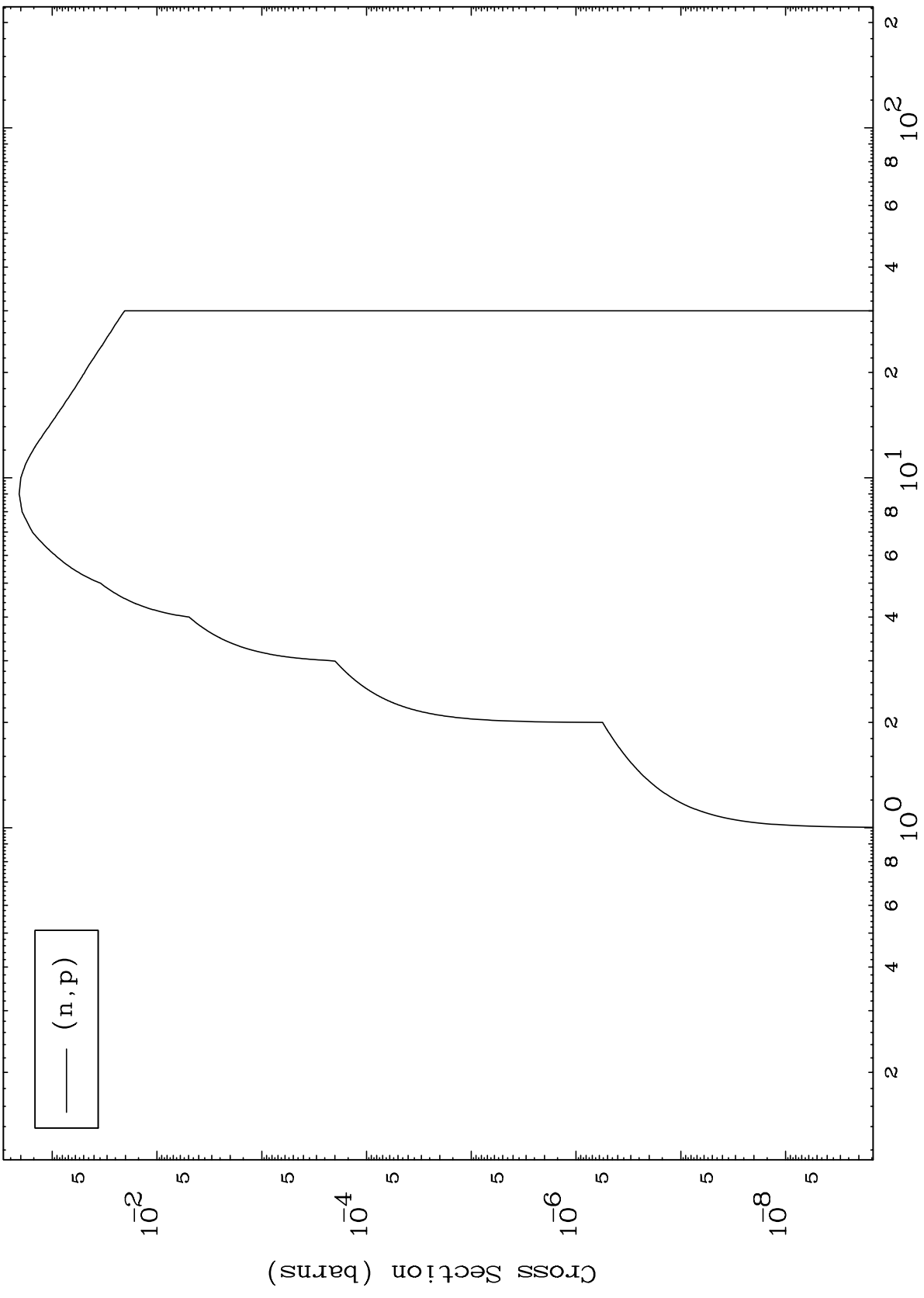


MAT 4019

(d,p) Levels

40-Zr-88

0 Kelvin Cross Sections

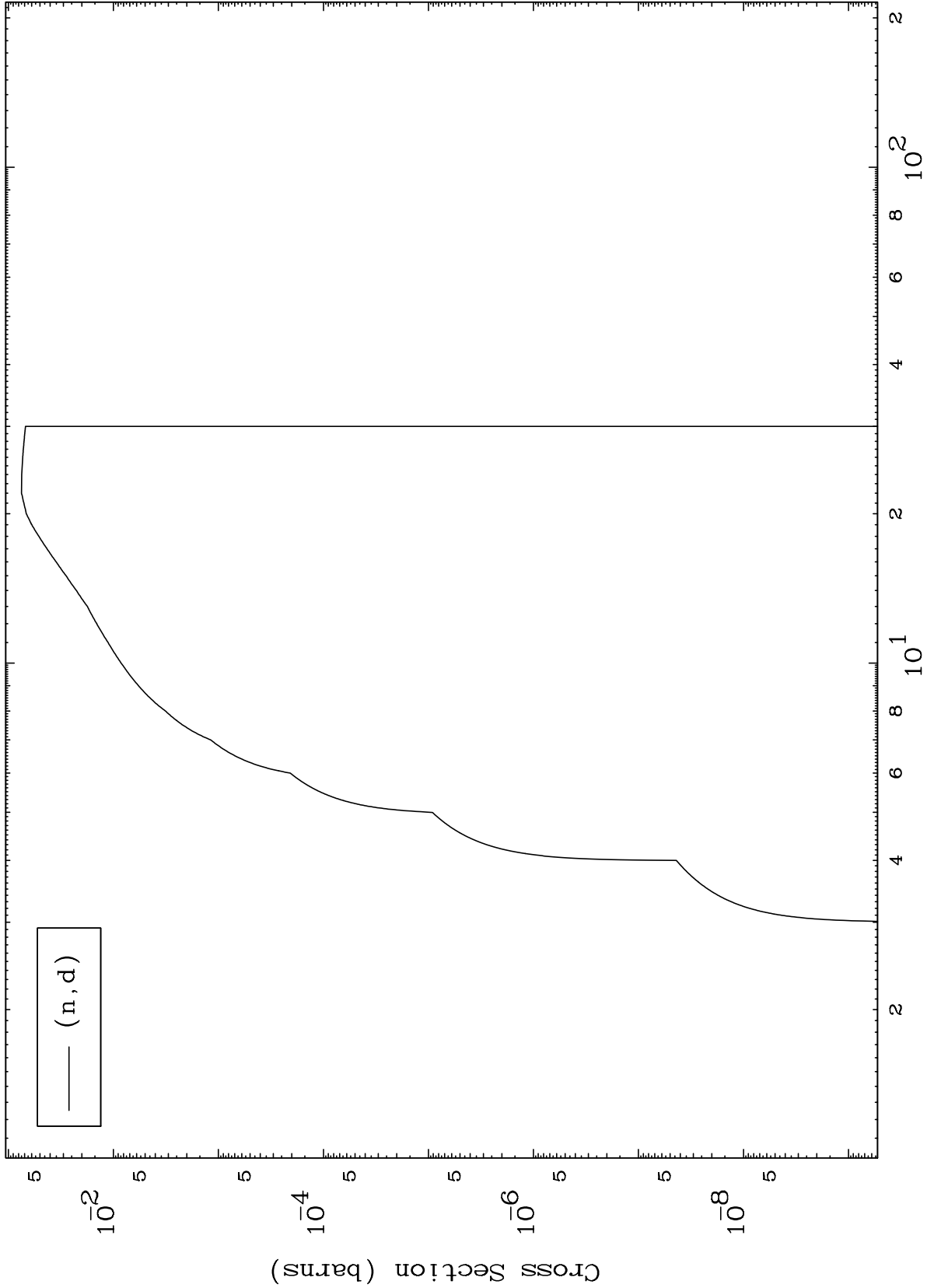


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(d,d) Levels

40-Zr-88

0 Kelvin Cross Sections



8

Incident Energy (MeV)

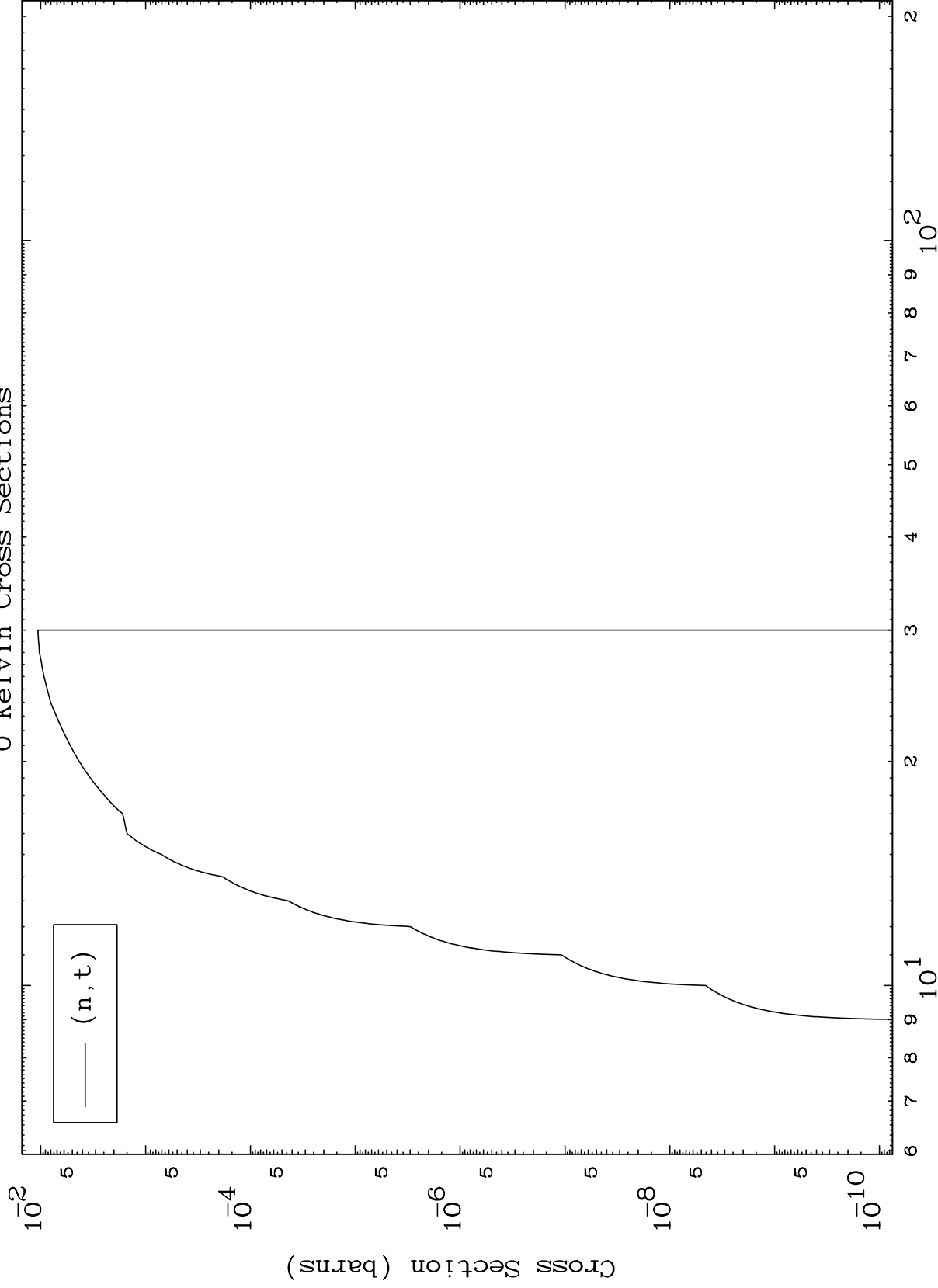
40-Zr-88

MAT 4019

(d, t) Levels

40-Zr-88

0 Kelvin Cross Sections



9

Incident Energy (MeV)

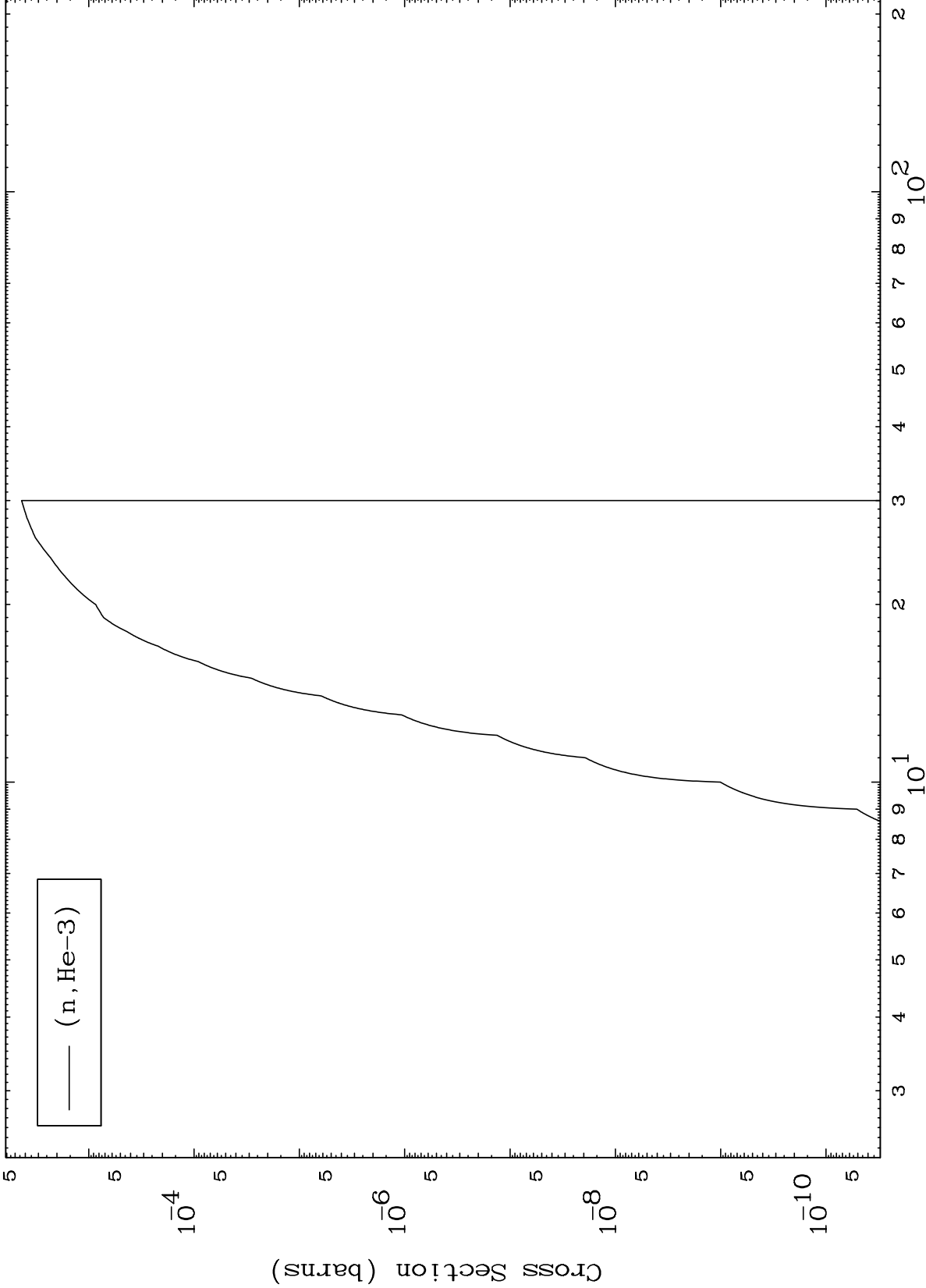
40-Zr-88

MAT 4019

(d,He3) Levels

40-Zr-88

0 Kelvin Cross Sections



10

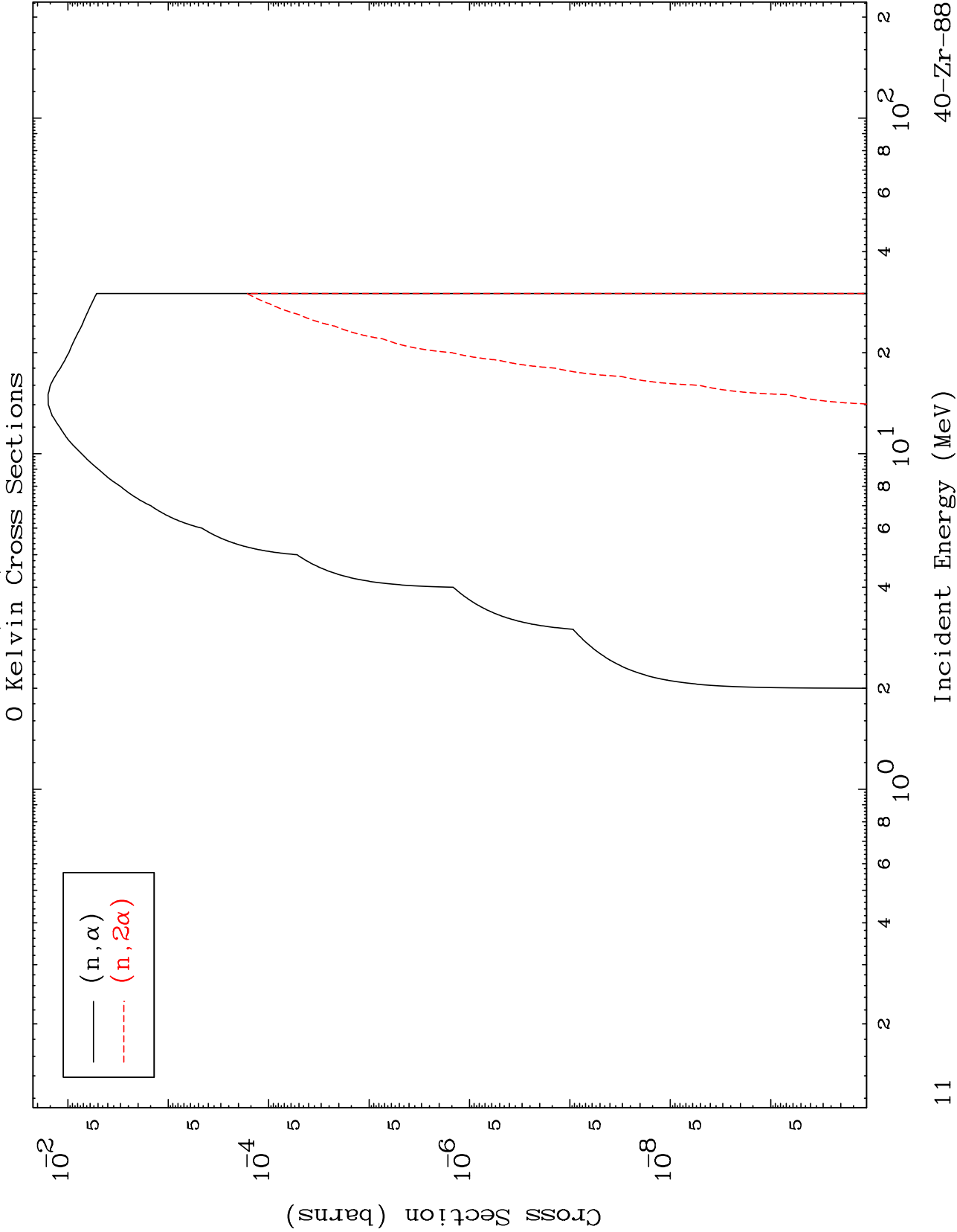
Incident Energy (MeV)

40-Zr-88

MAT 4019

(d, α) Levels

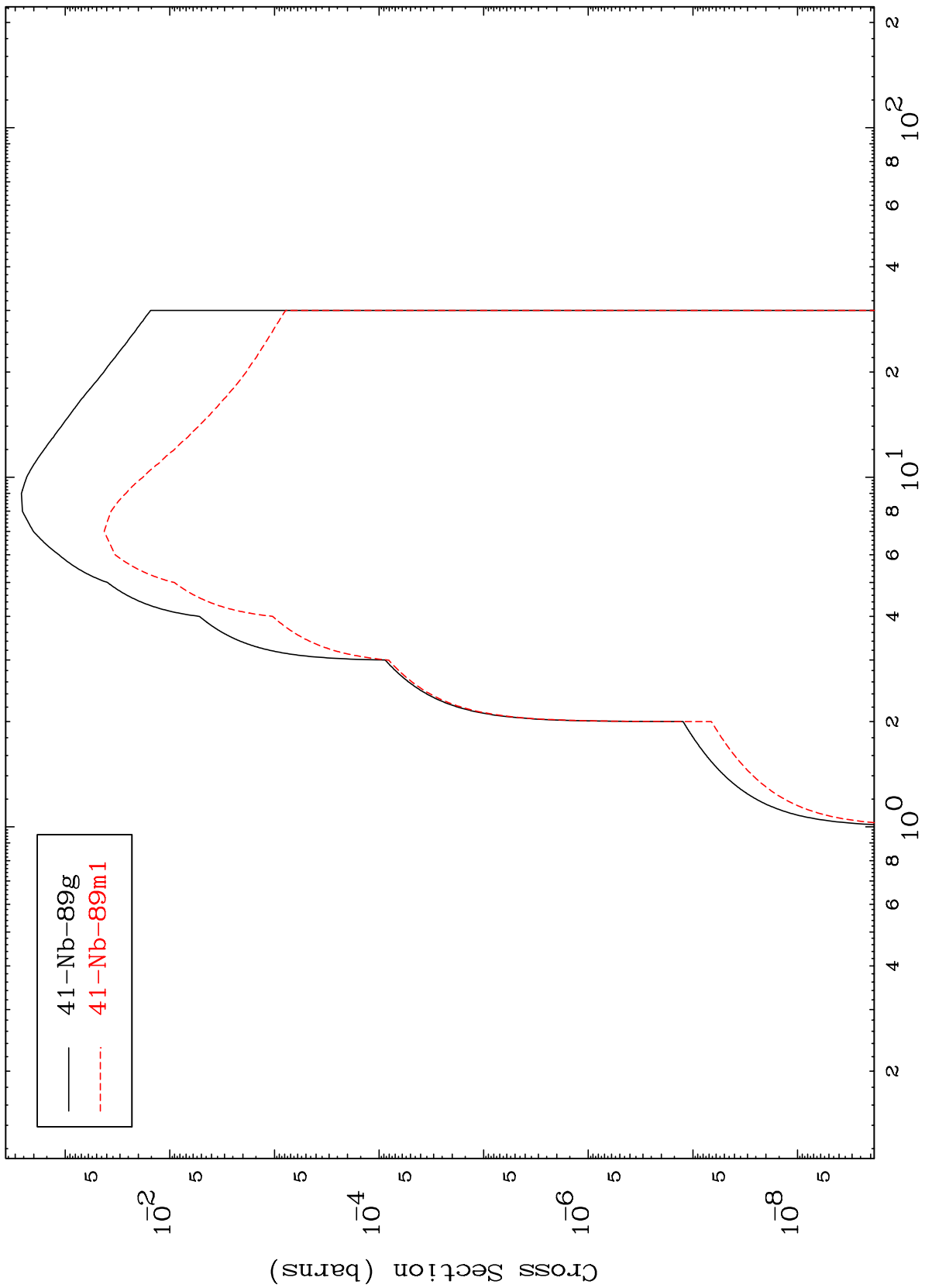
40-Zr-88



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40-Zr-88

Inelastic
Radionuclide Production Cross Section



12

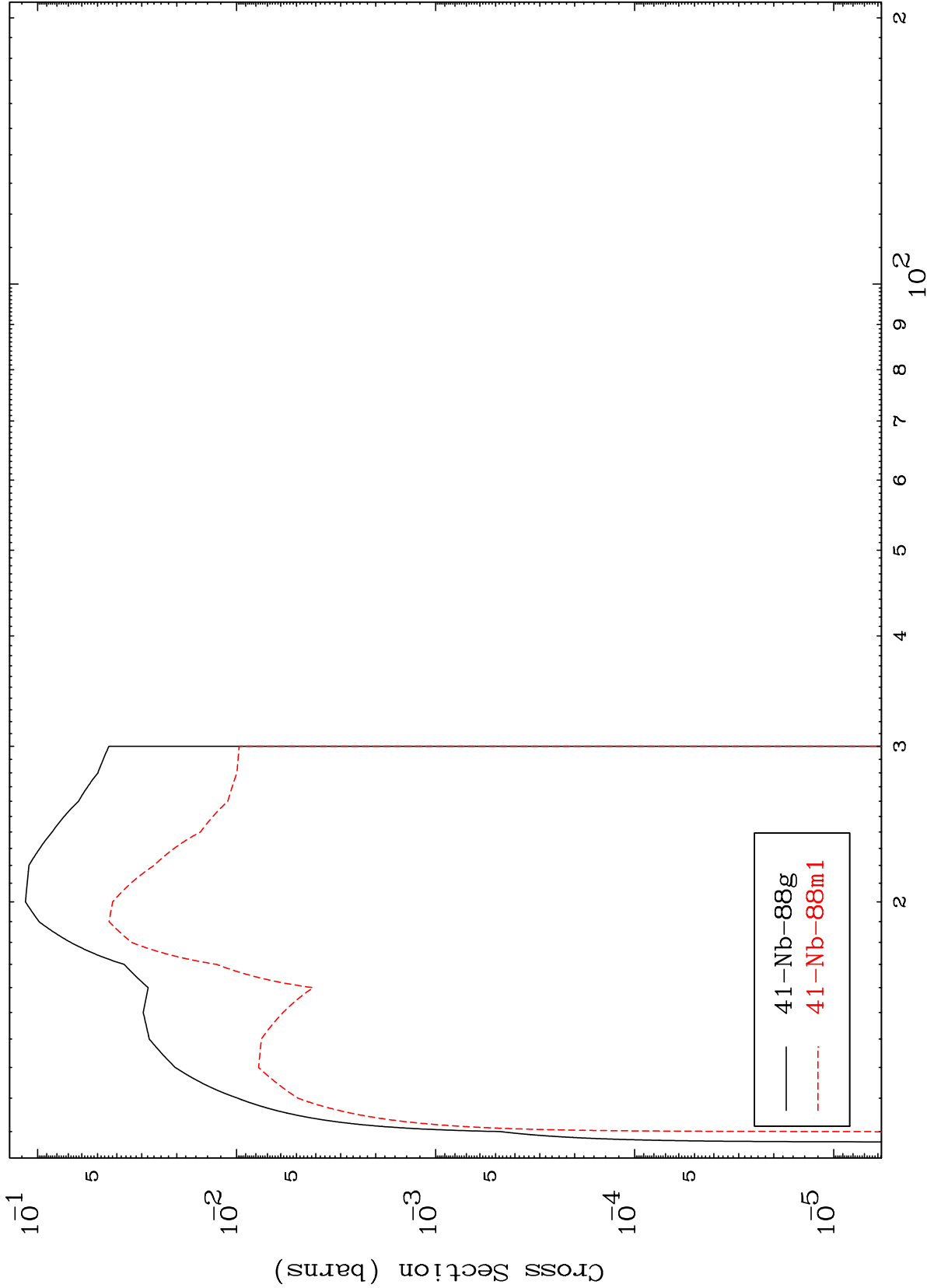
40-Zr-88

Incident Energy (MeV)

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40-Zr-88

(n,2n)
Radionuclide Production Cross Section



40-Zr-88

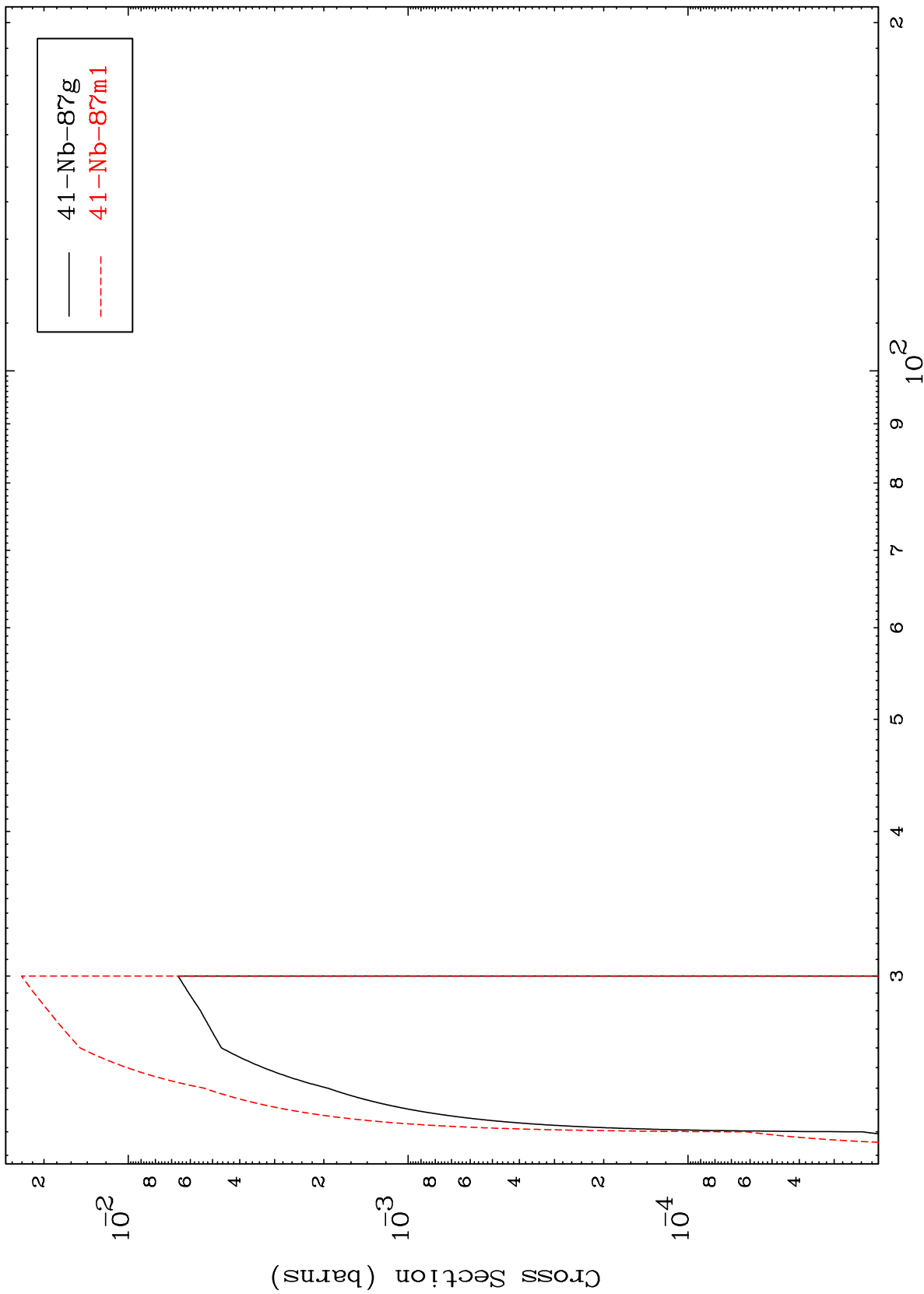
Incident Energy (MeV)

13

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40-Zr-88

(n,3n)
Radionuclide Production Cross Section



40-Zr-88

Incident Energy (MeV)

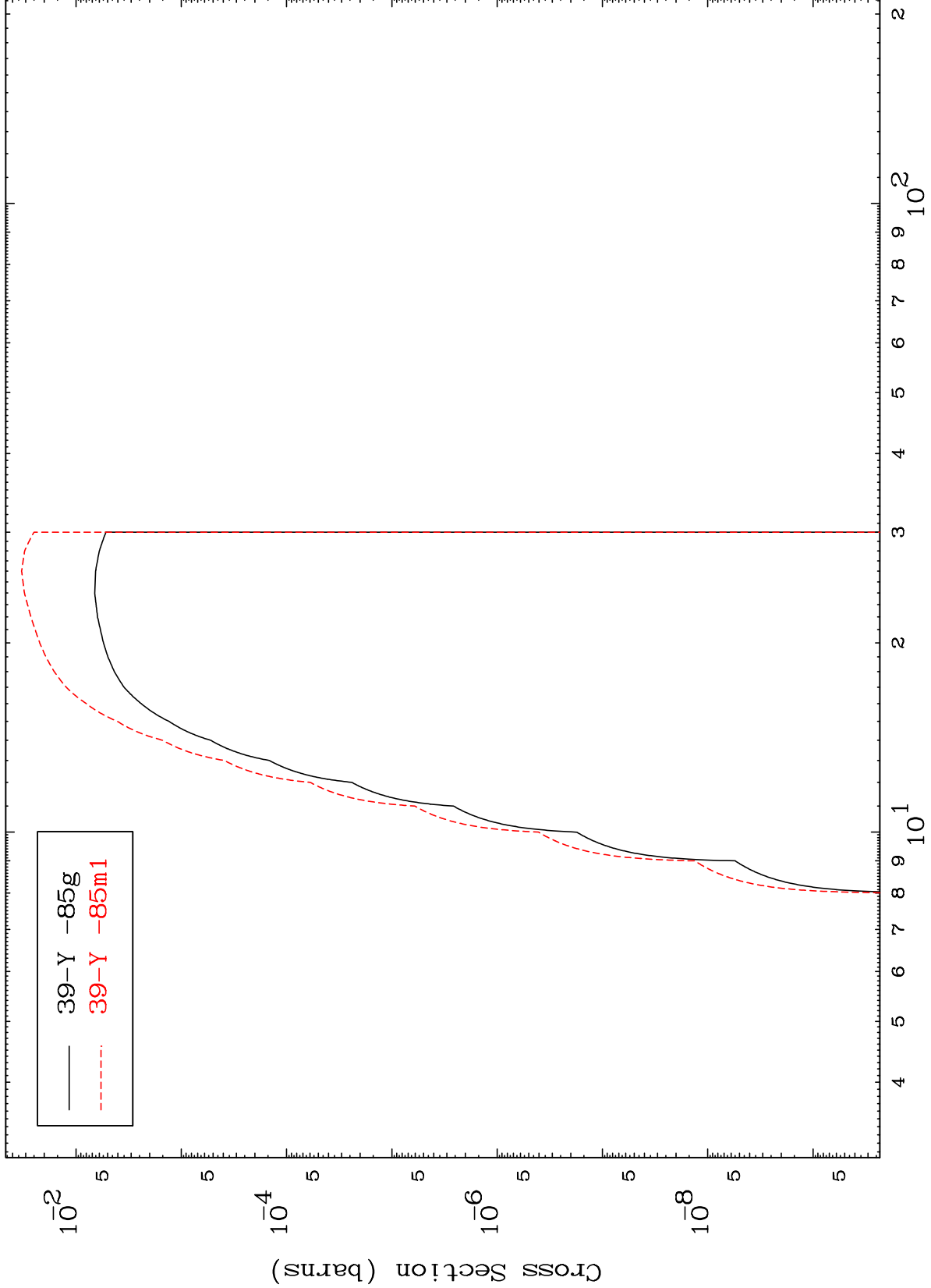
14

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$(n, n') \alpha$

40-Zr-88

Radionuclide Production Cross Section



15

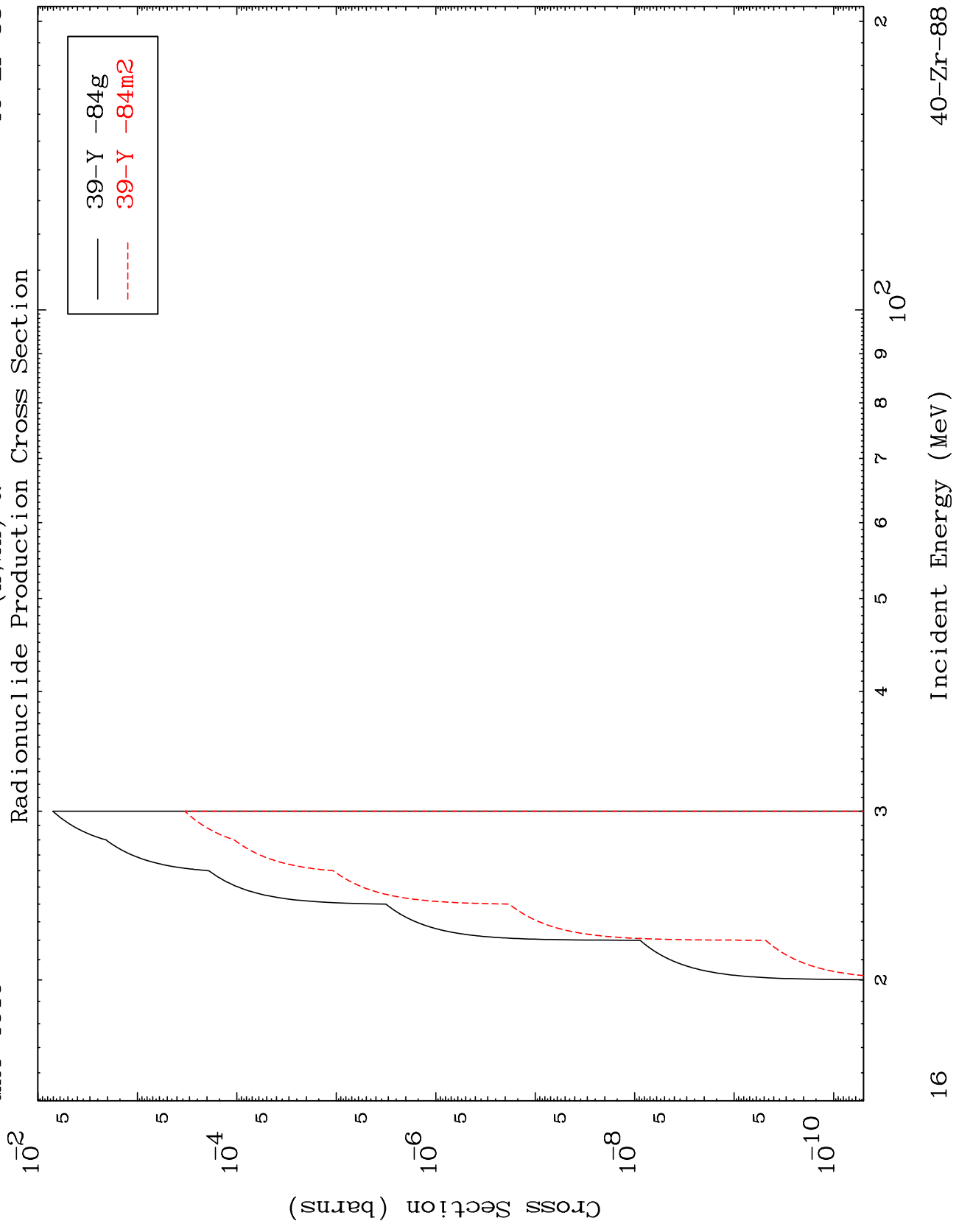
Incident Energy (MeV)

40-Zr-88

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(n,2n) α

40-Zr-88



16

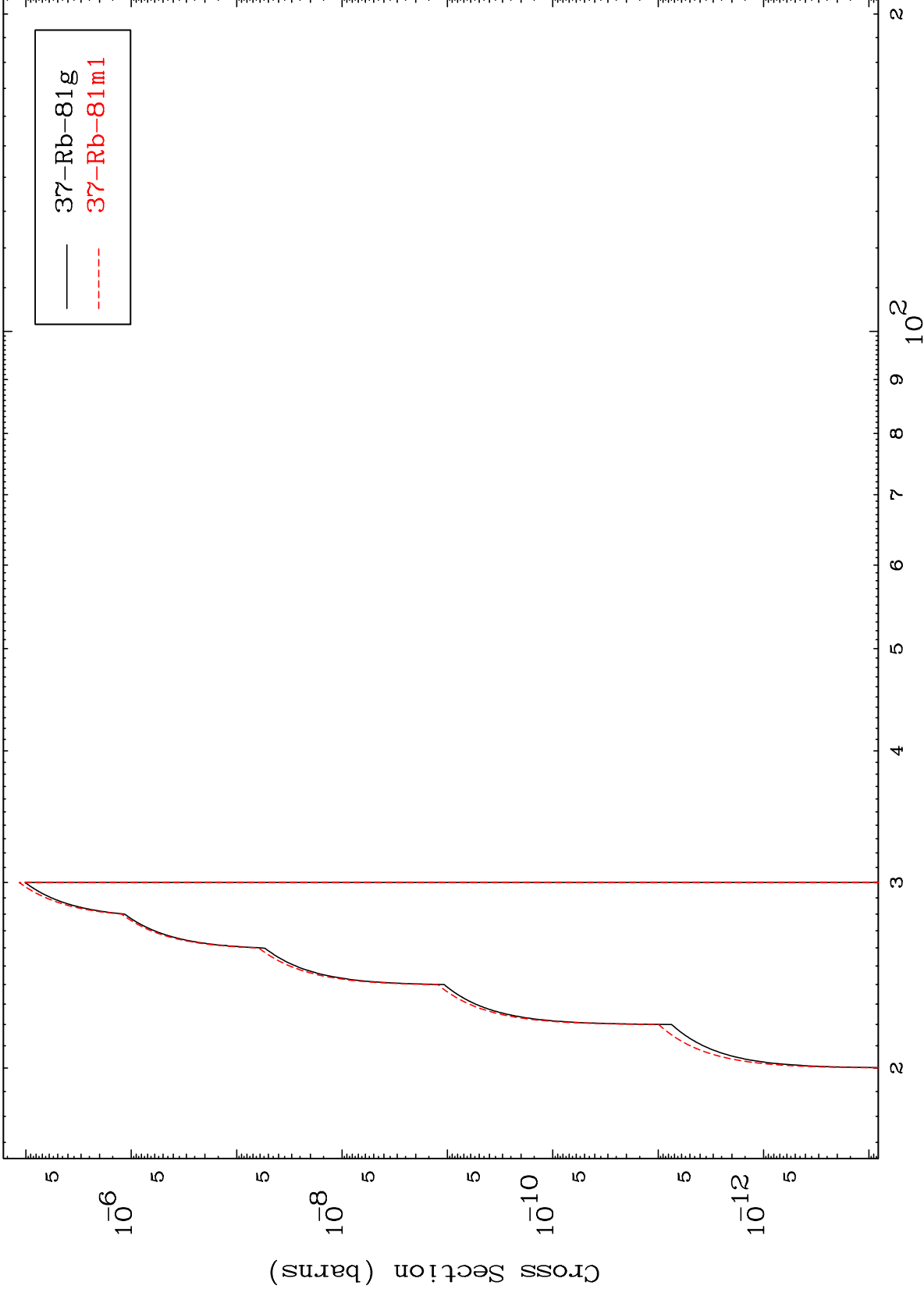
40-Zr-88

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(n,n') 2α

40-Zr-88

Radionuclide Production Cross Section



17

Incident Energy (MeV)

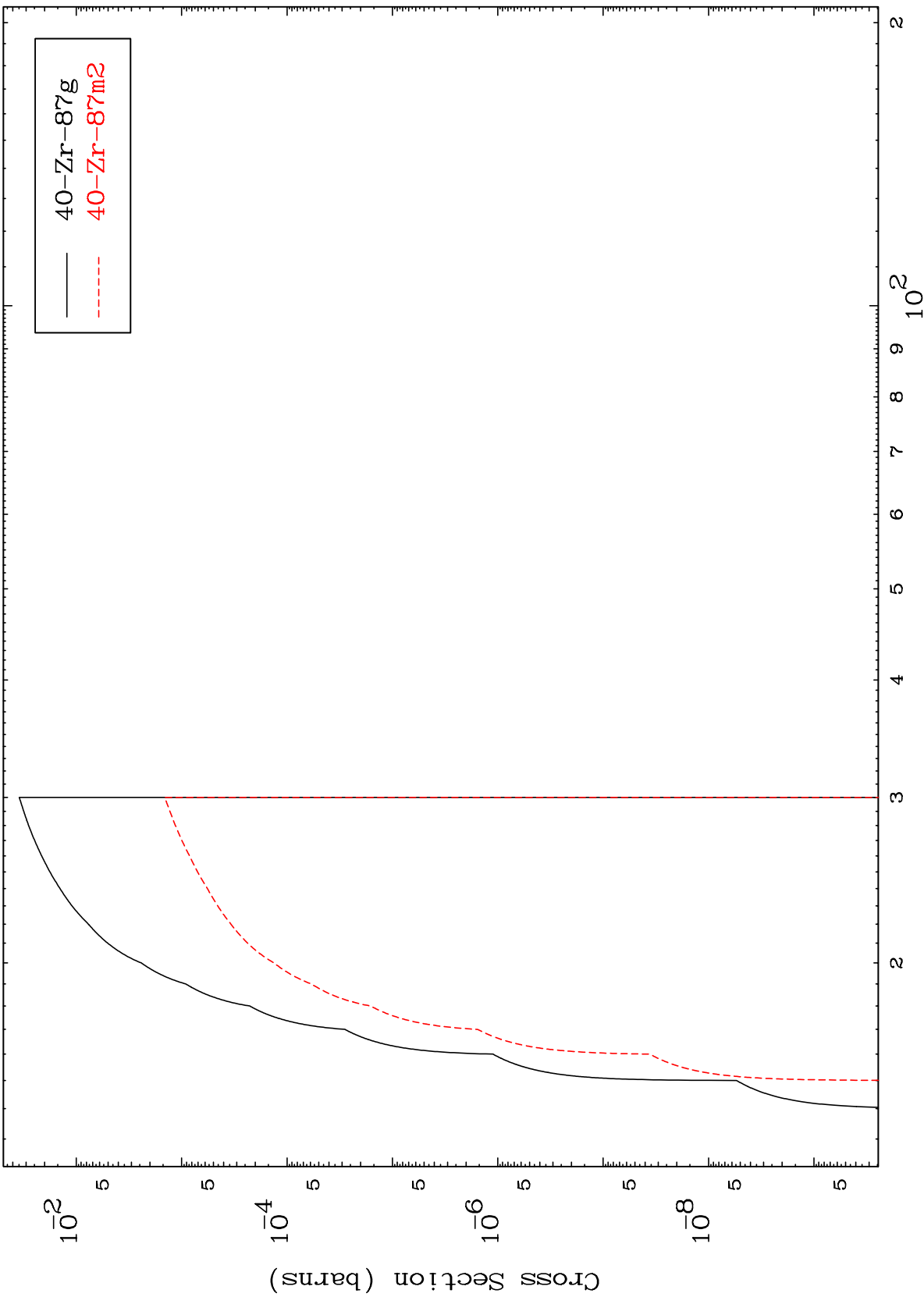
40-Zr-88

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(n,n') d

40-Zr-88

Radionuclide Production Cross Section



18

Incident Energy (MeV)

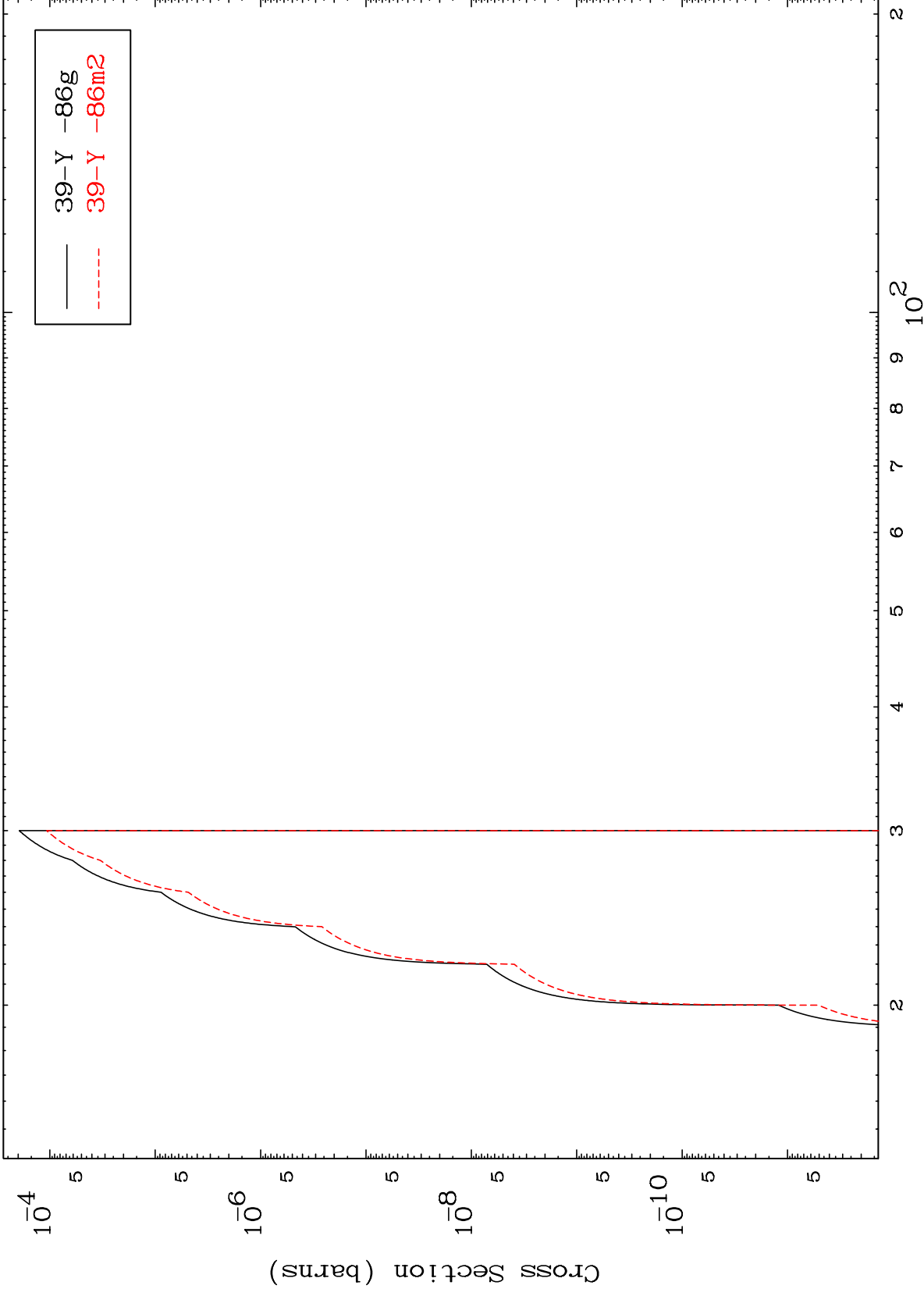
40-Zr-88

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(n,n') He-3

40-Zr-88

Radionuclide Production Cross Section



19

Incident Energy (MeV)

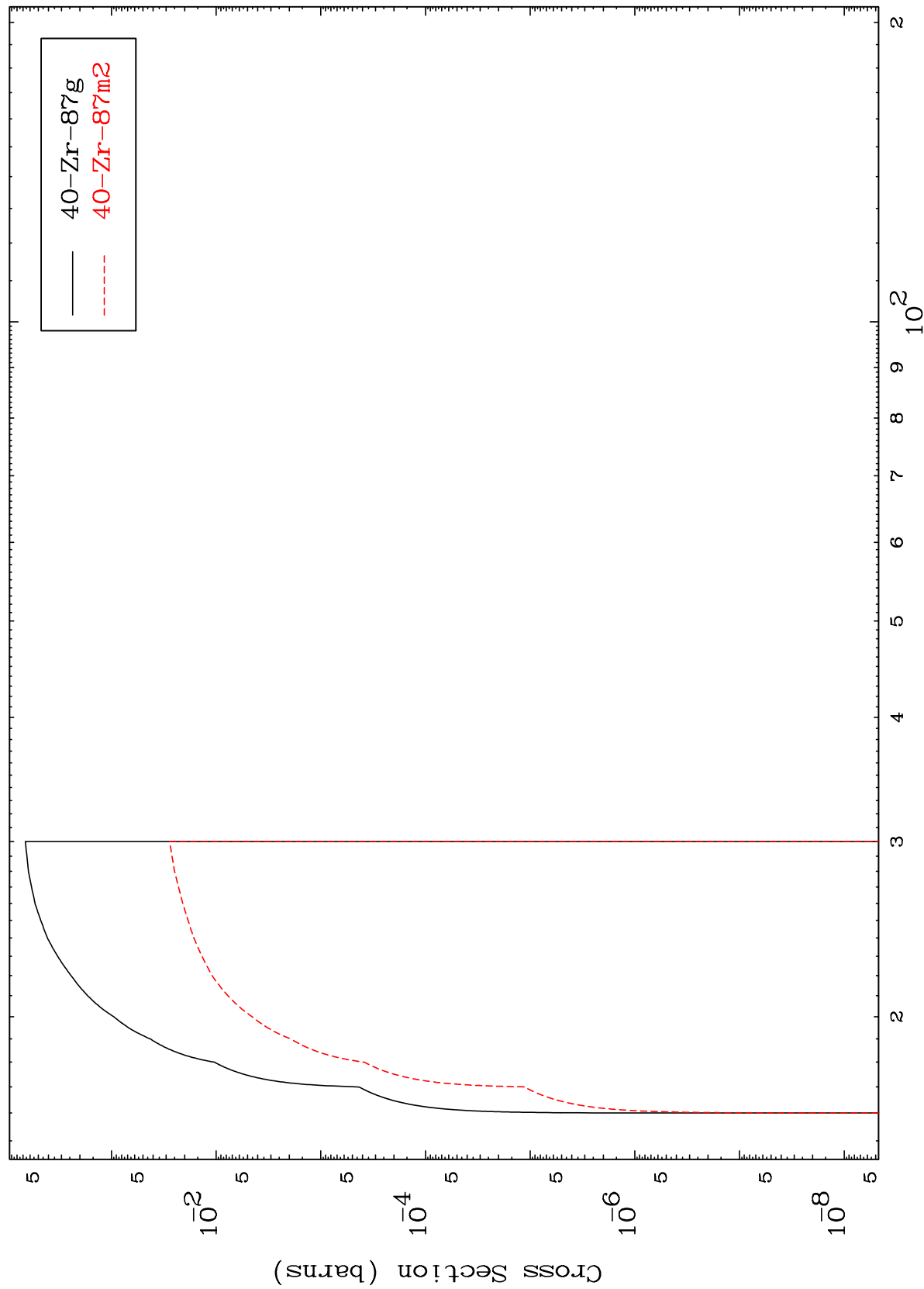
40-Zr-88

MAT 4019

(n,2n) p

40-Zr-88

Radionuclide Production Cross Section



20

Incident Energy (MeV)

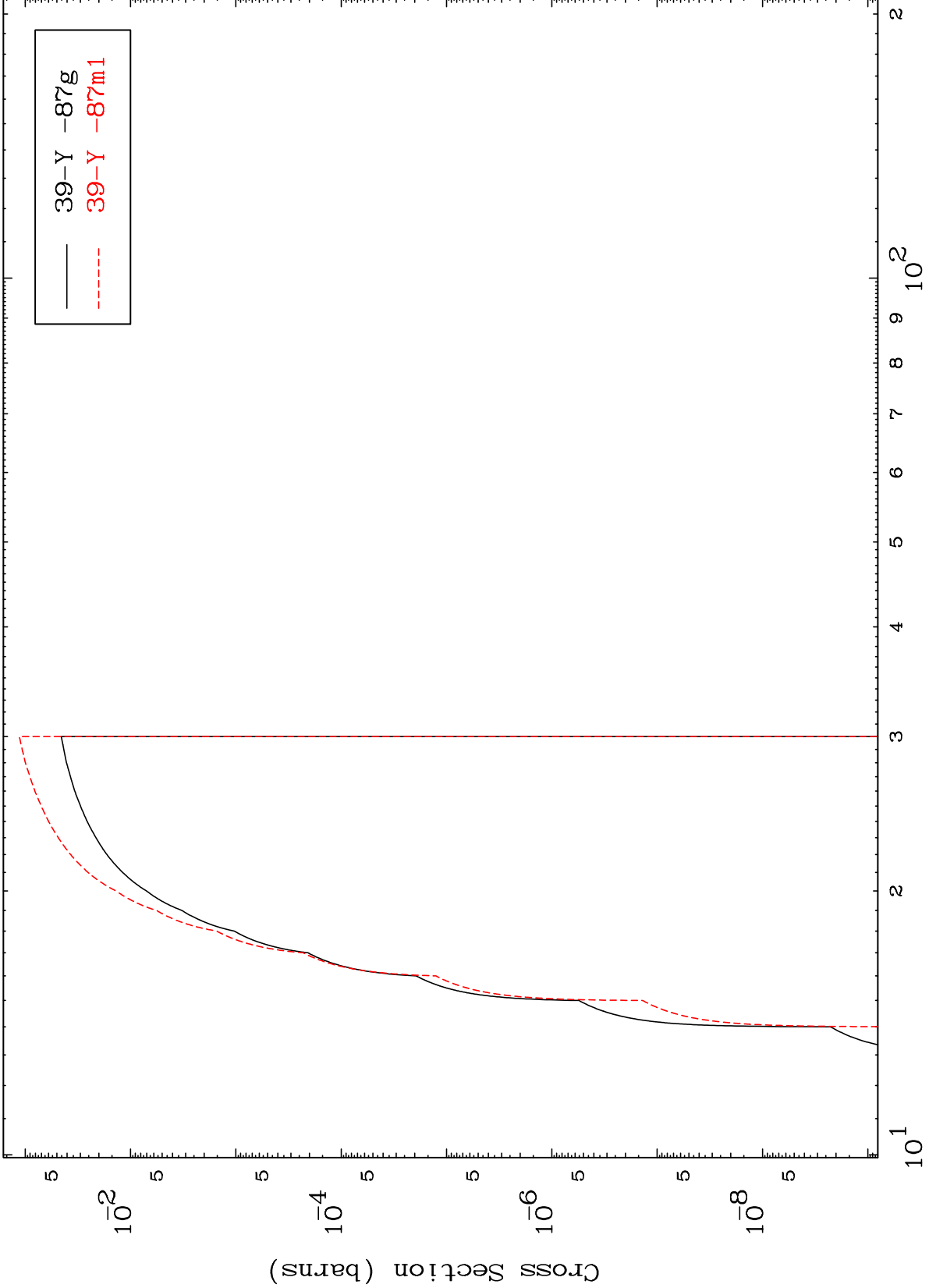
40-Zr-88

MAT 4019

(n,2n) p

40-Zr-88

Radionuclide Production Cross Section



39-Y -87g
39-Y -87m1

Incident Energy (MeV)

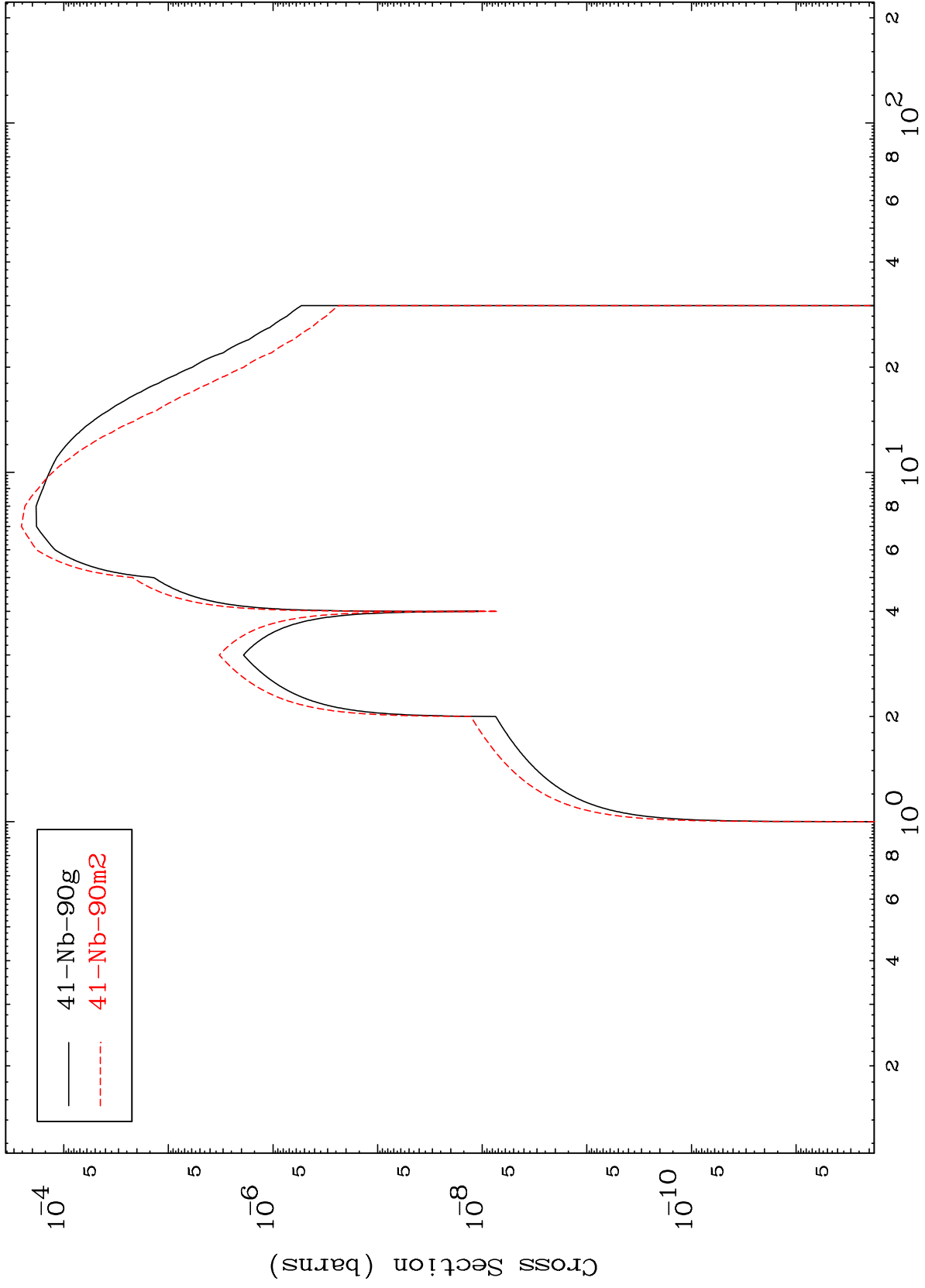
40-Zr-88

21

MAT 4019

40-Zr-88

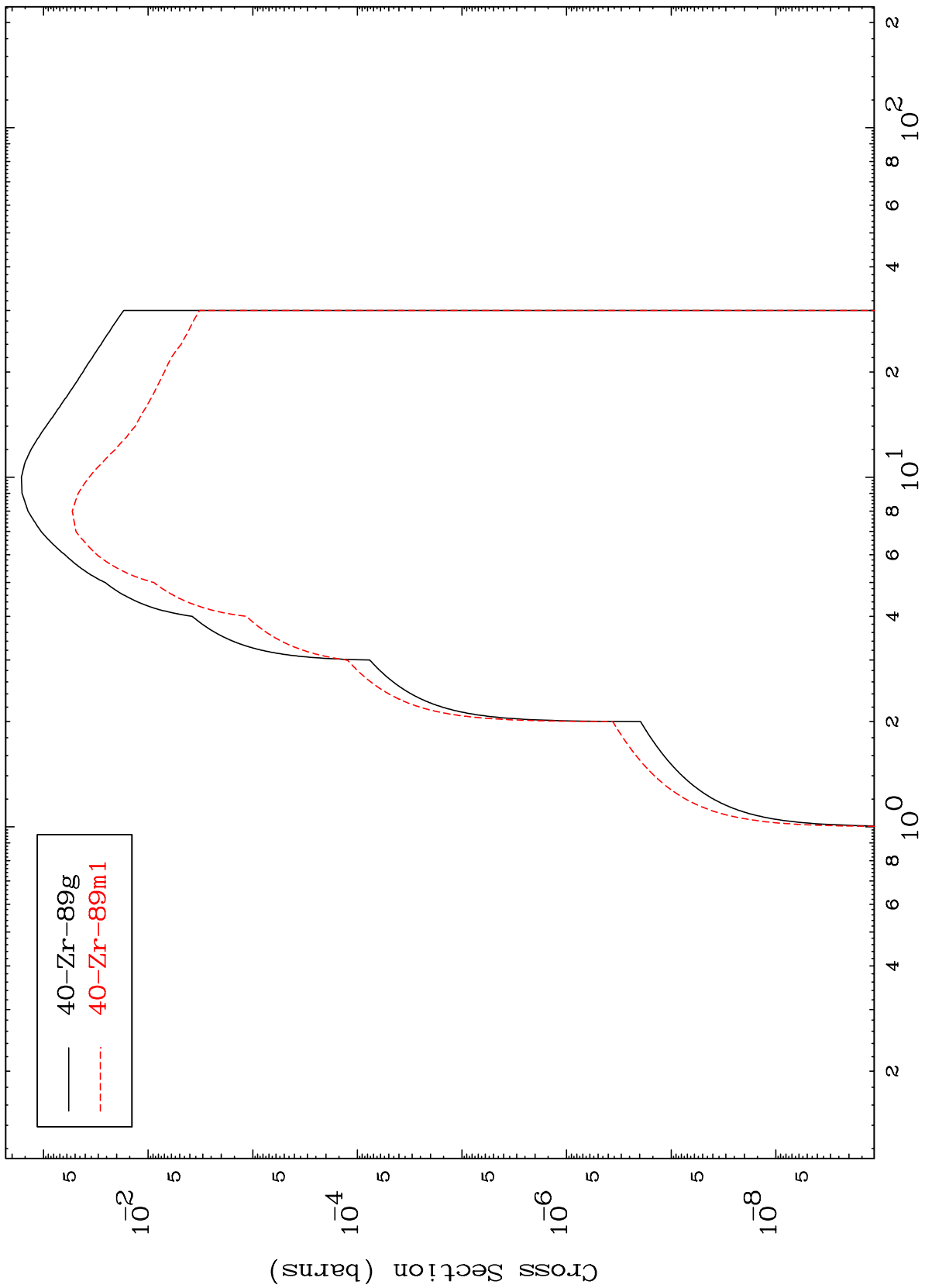
(n, γ)
Radionuclide Production Cross Section



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40-Zr-88

(n,p)
Radionuclide Production Cross Section

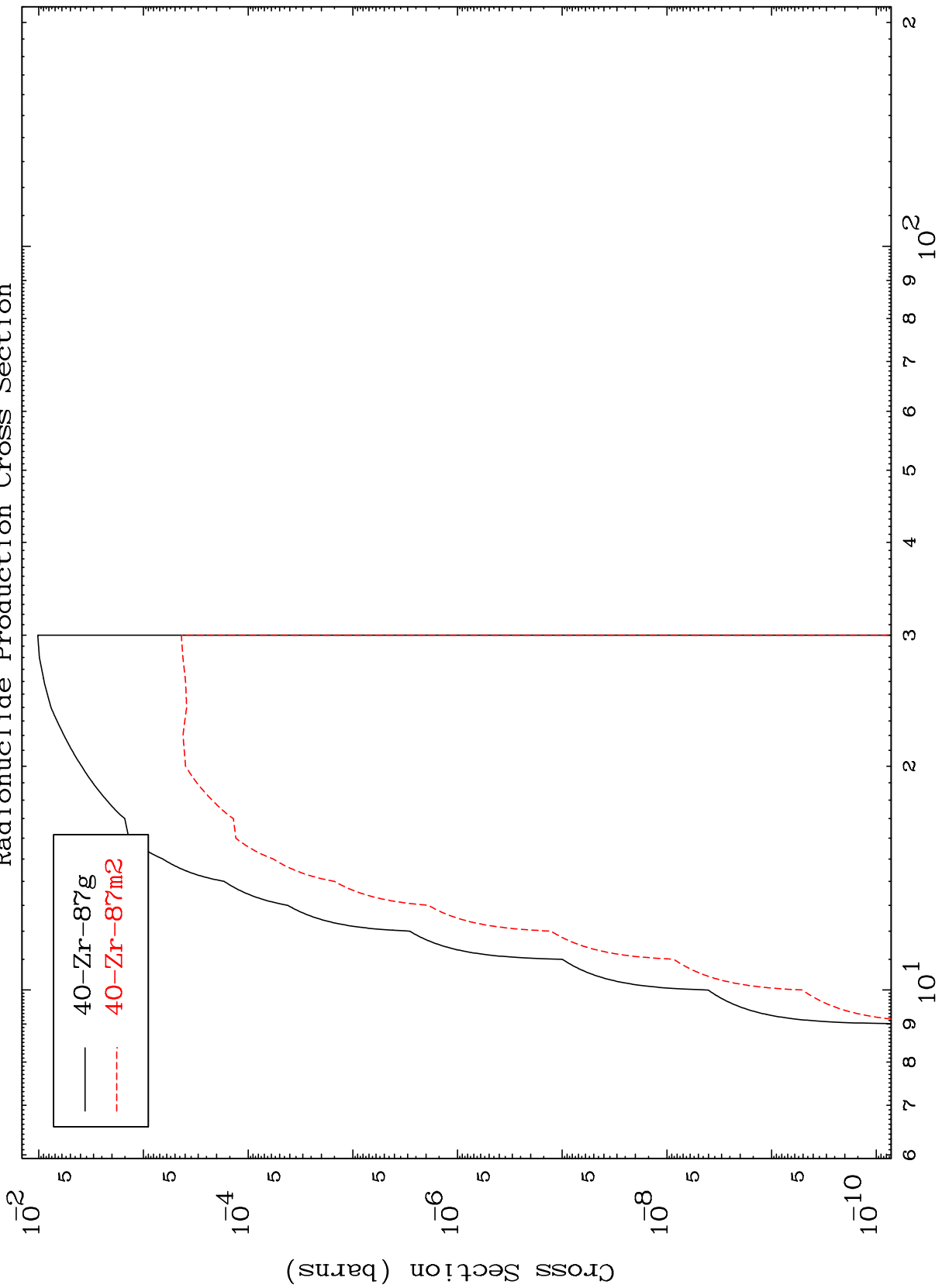


— 40-Zr-89g
- - - 40-Zr-89m1

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40-Zr-88

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

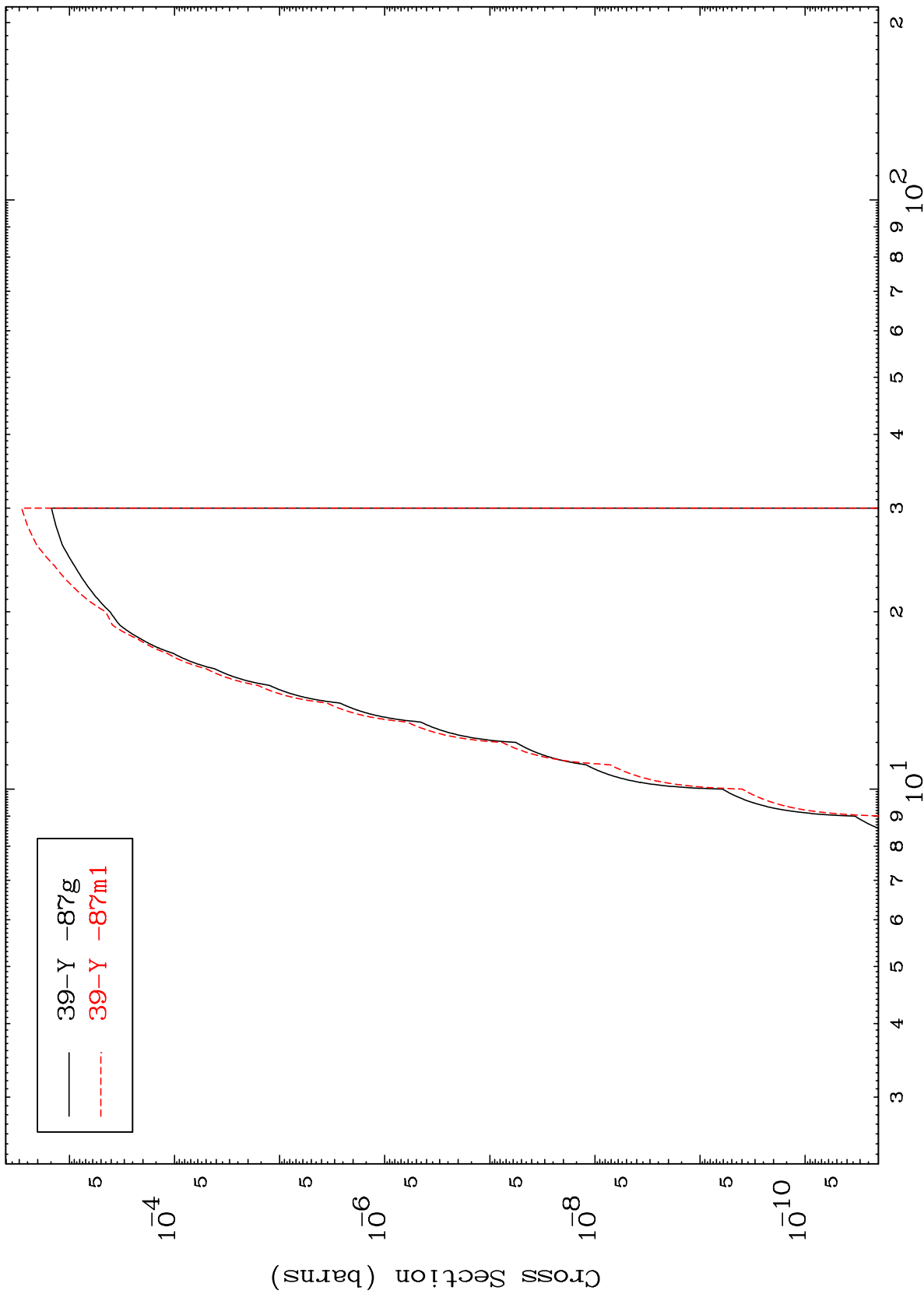
40-Zr-88

24

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40-Zr-88

Radionuclide Production Cross Section
(n,He-3)



40-Zr-88

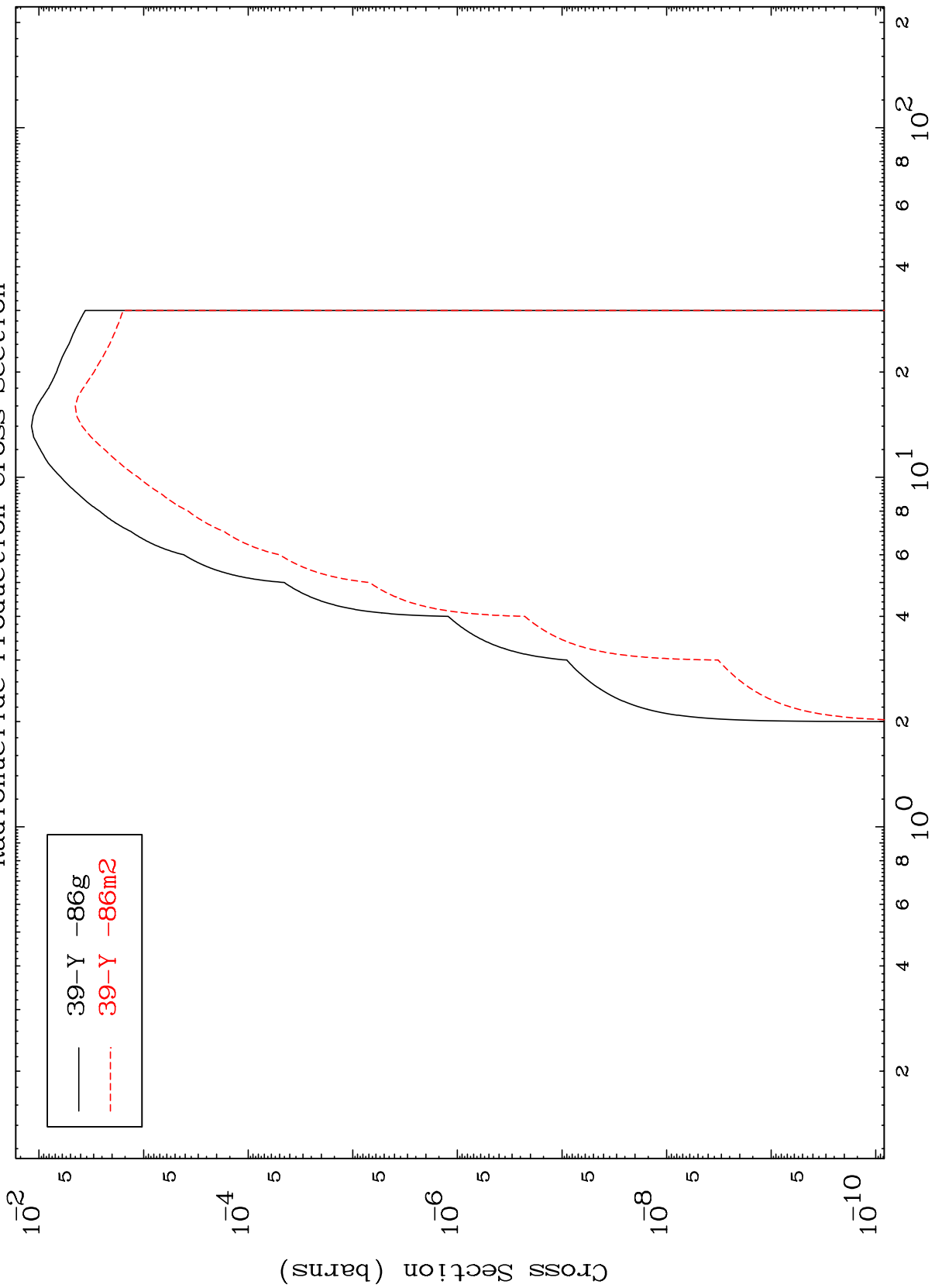
Incident Energy (MeV)

25

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40-Zr-88

Radionuclide Production Cross Section
(n, α)



26

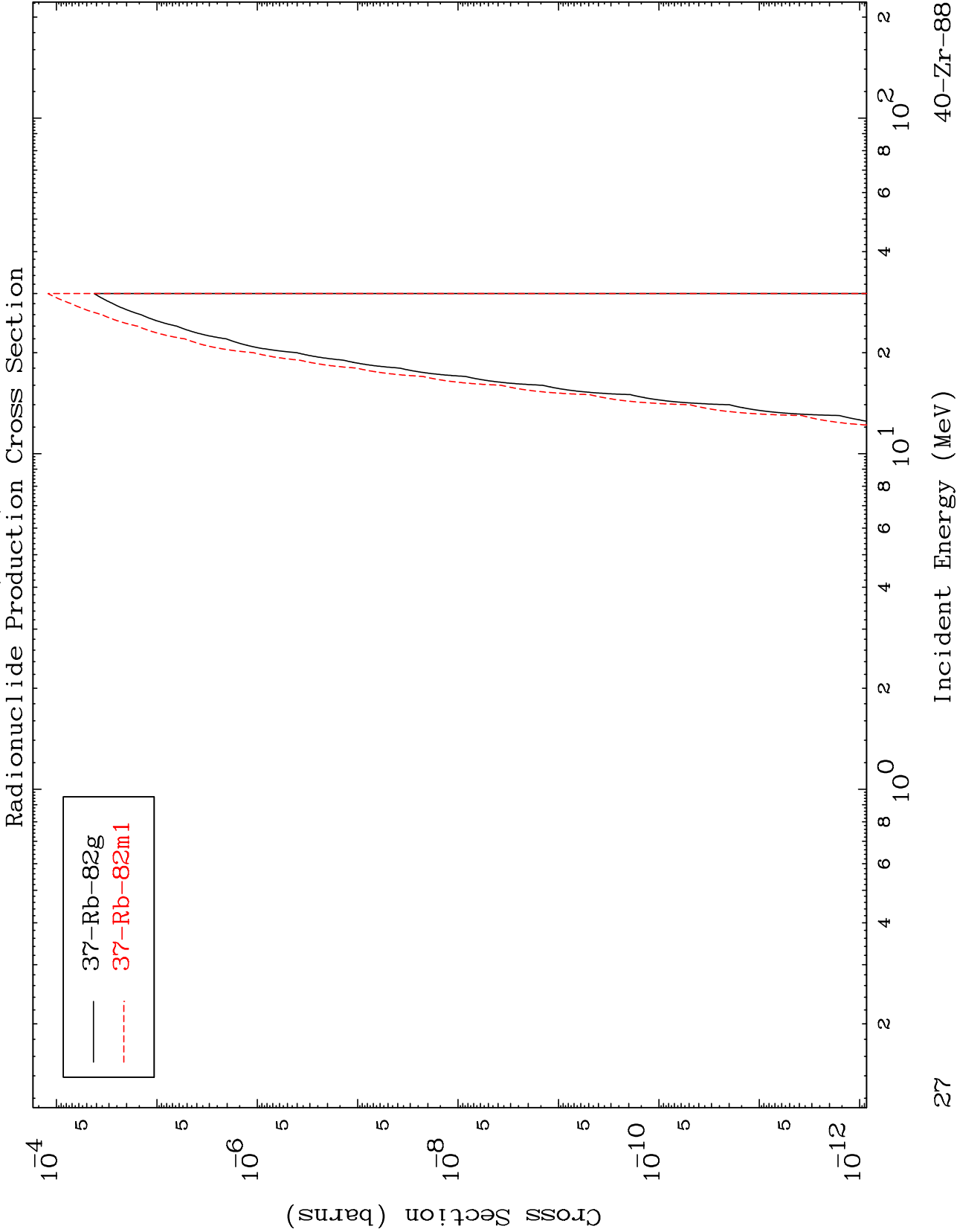
40-Zr-88

Incident Energy (MeV)

MAT 4019

(n,2α)

40-Zr-88

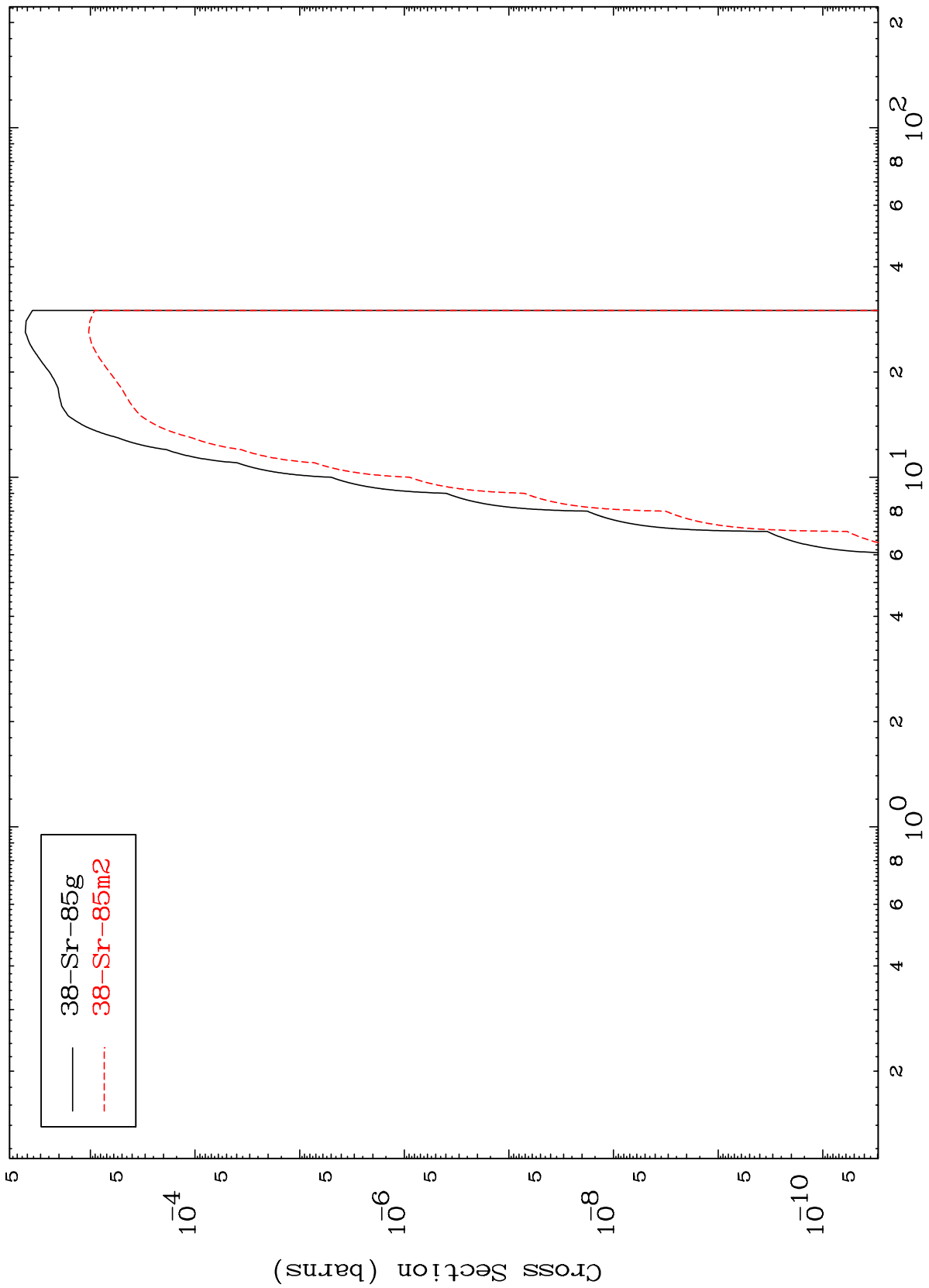


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(n,p) α

40-Zr-88

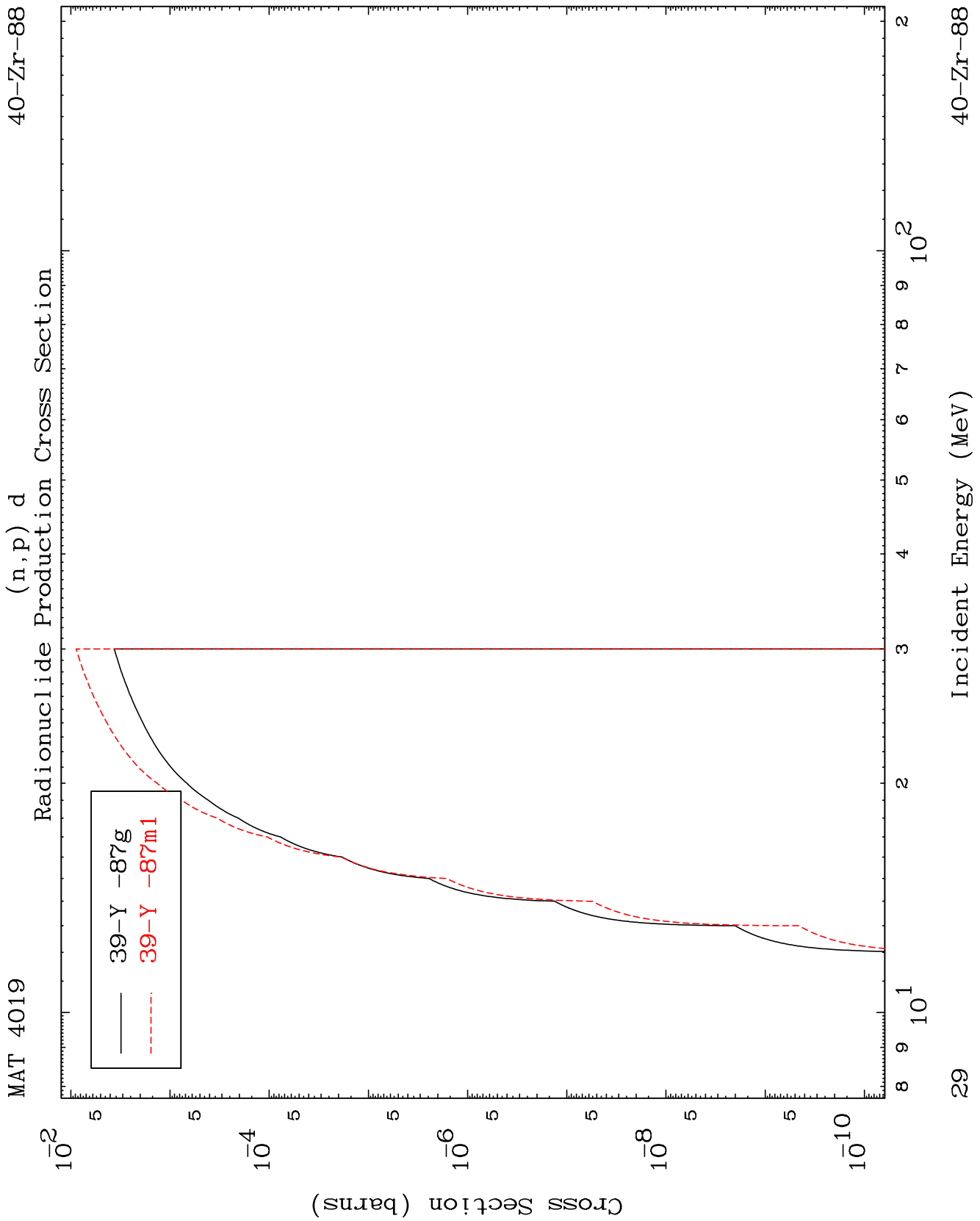
Radionuclide Production Cross Section



28

Incident Energy (MeV)

40-Zr-88

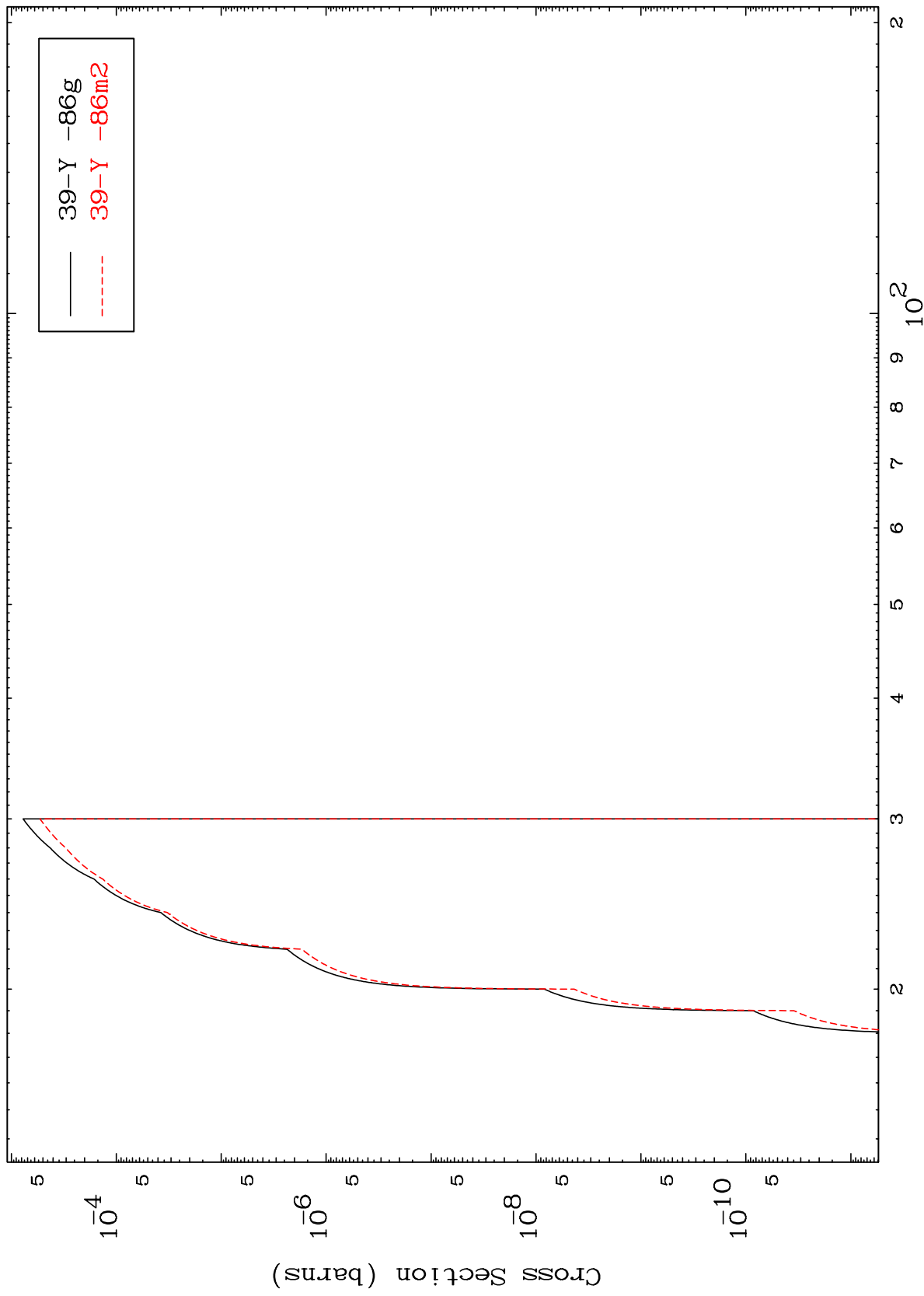


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(n,p) t

40-Zr-88

Radionuclide Production Cross Section



30

Incident Energy (MeV)

40-Zr-88