

Program EVALPLOT
(Version 2021-1)

by

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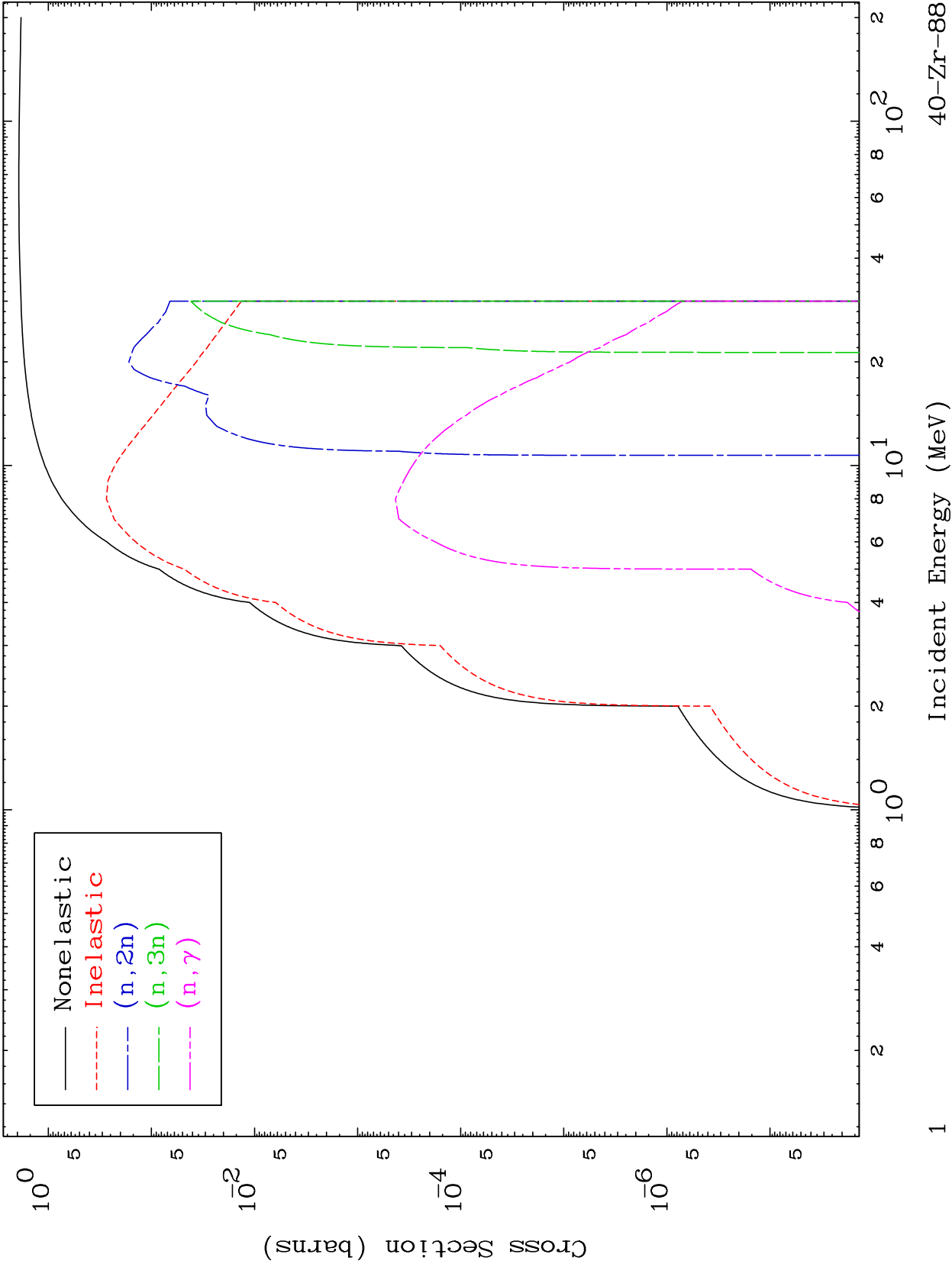
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Press Mouse Button to Start

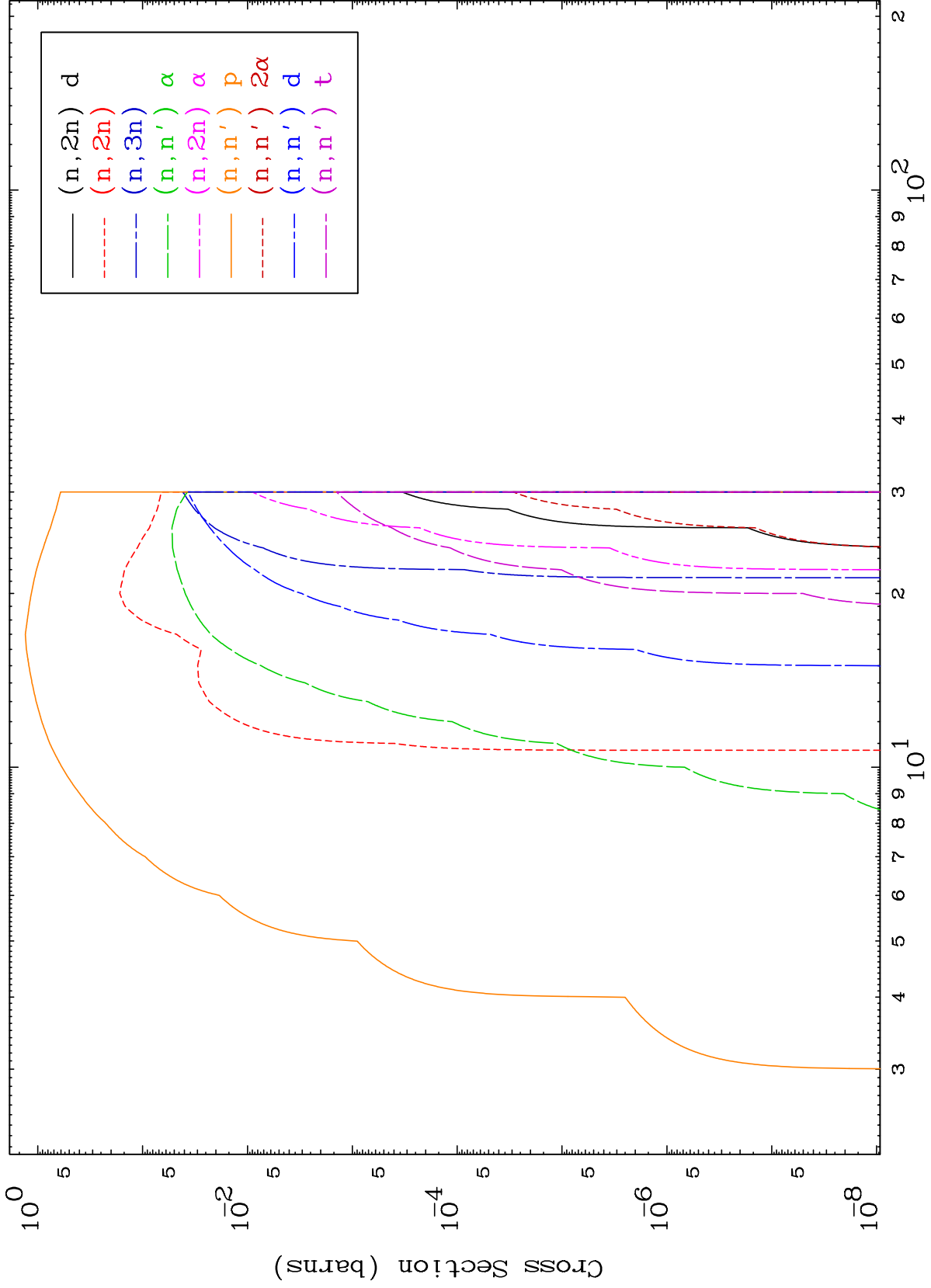
MAT 4019

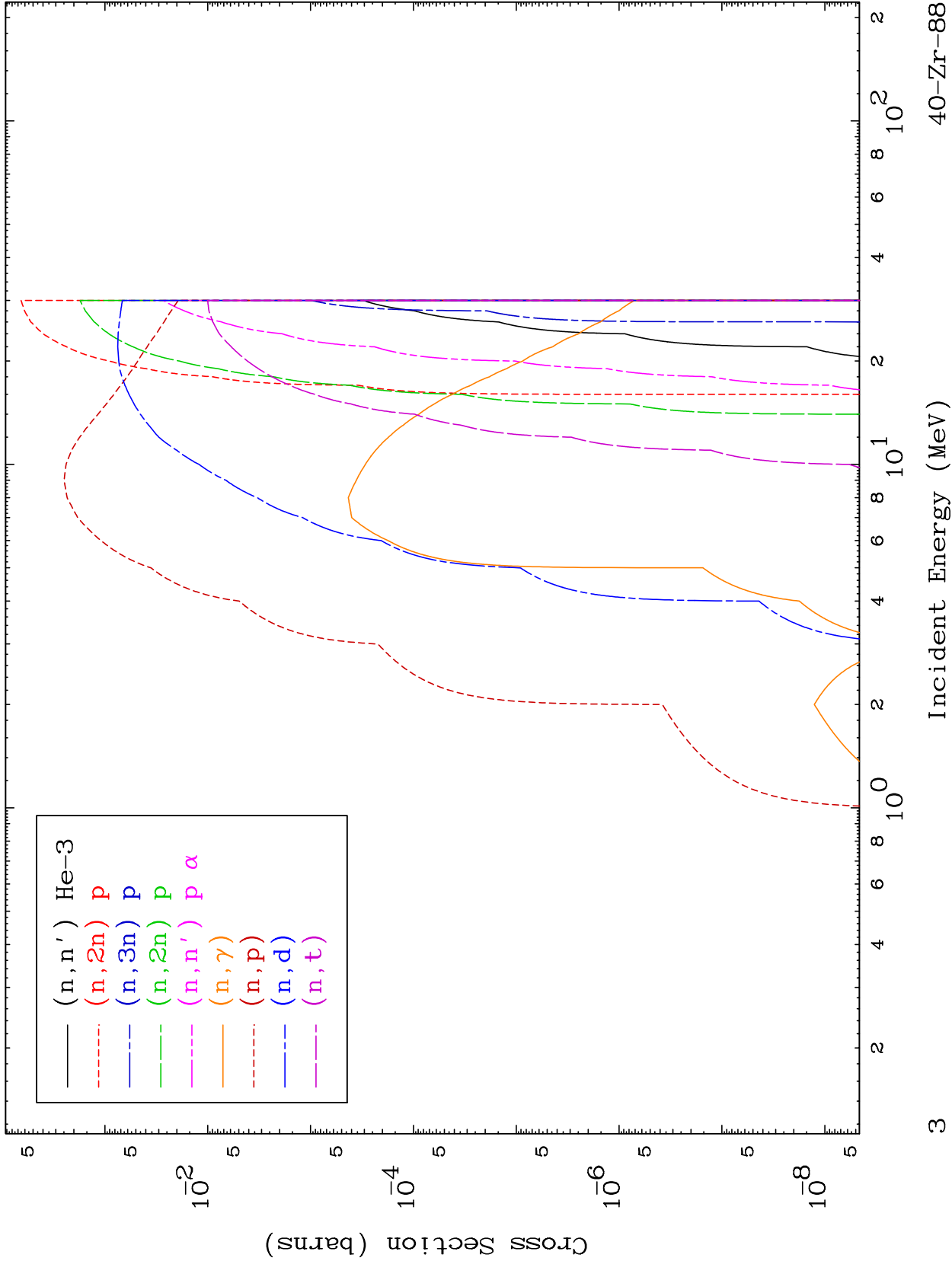
Deuteron Major
0 Kelvin Cross Sections

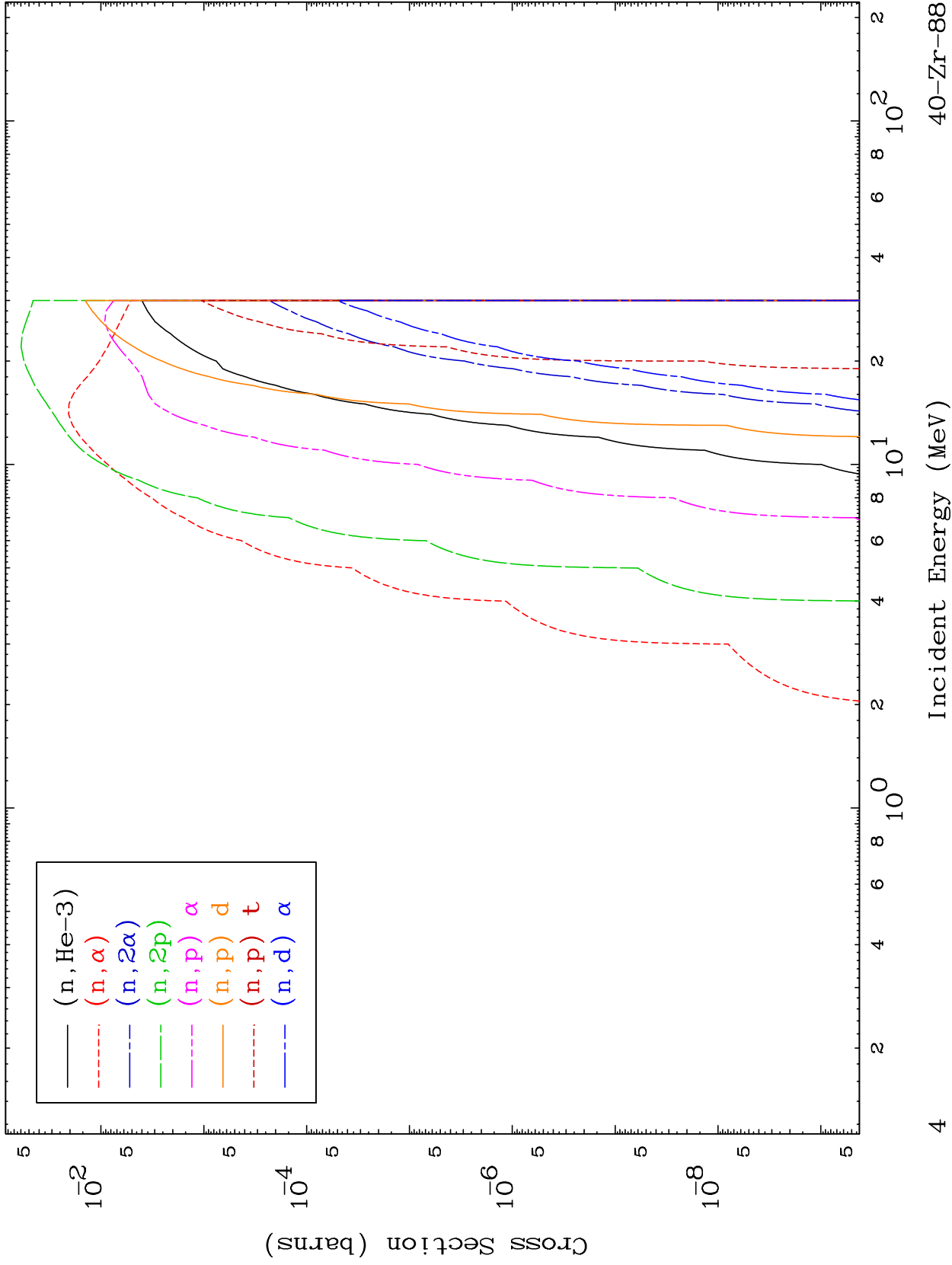
40-Zr-88



Deuteron Neutron Absorption
0 Kelvin Cross Sections



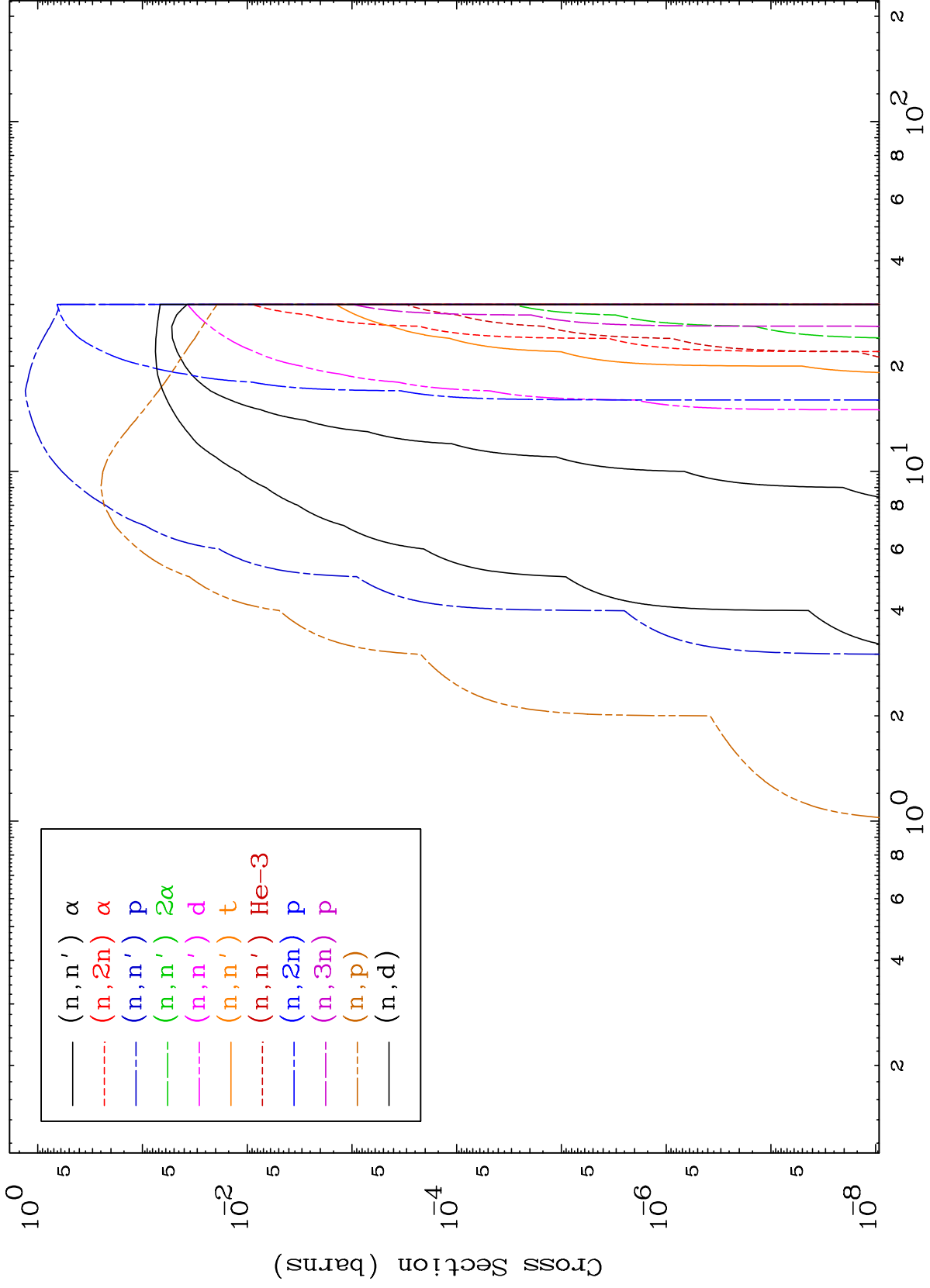




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Deuteron Charged Particle
0 Kelvin Cross Sections

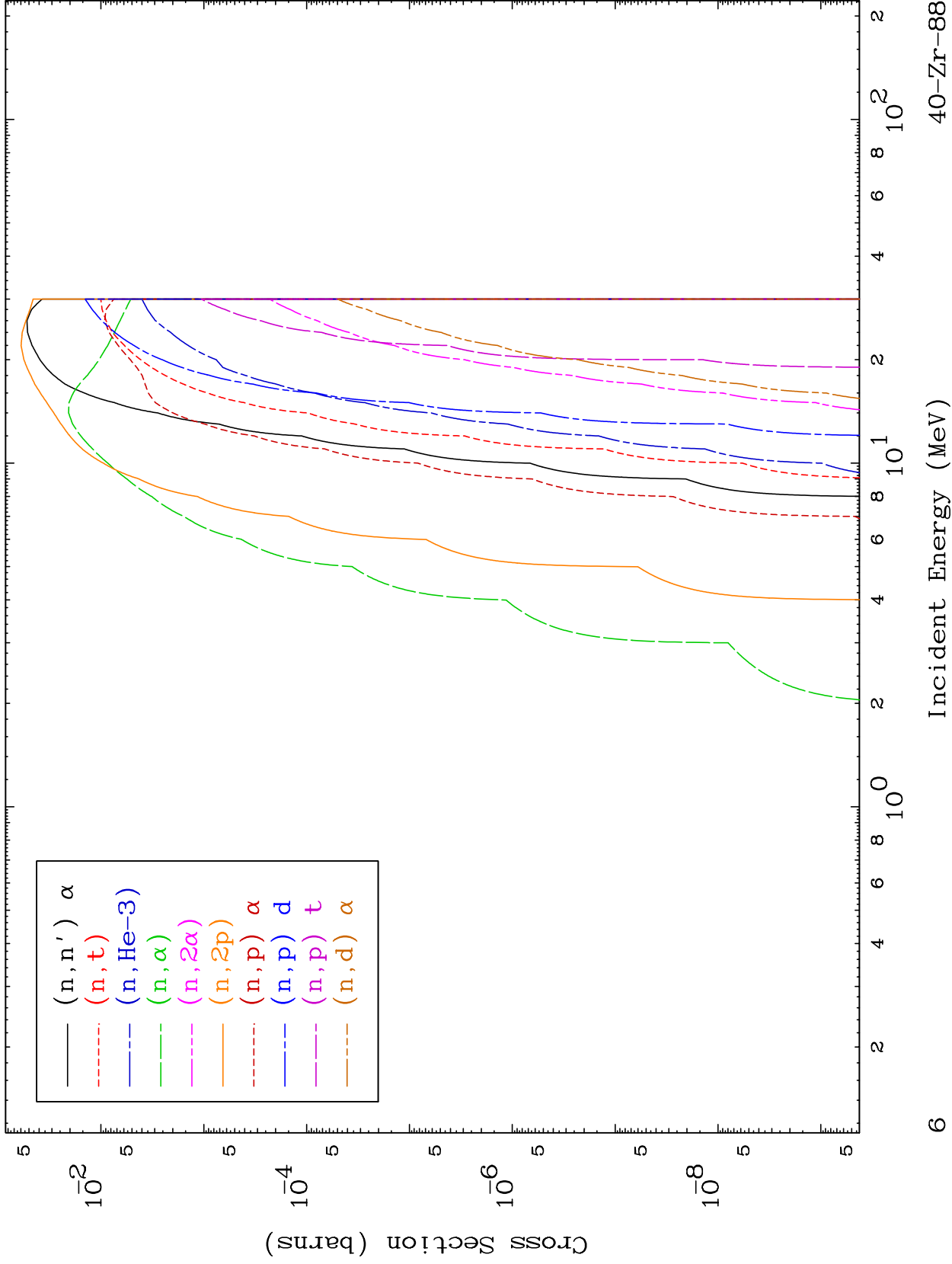
40-Zr-88



5

Incident Energy (MeV)

40-Zr-88

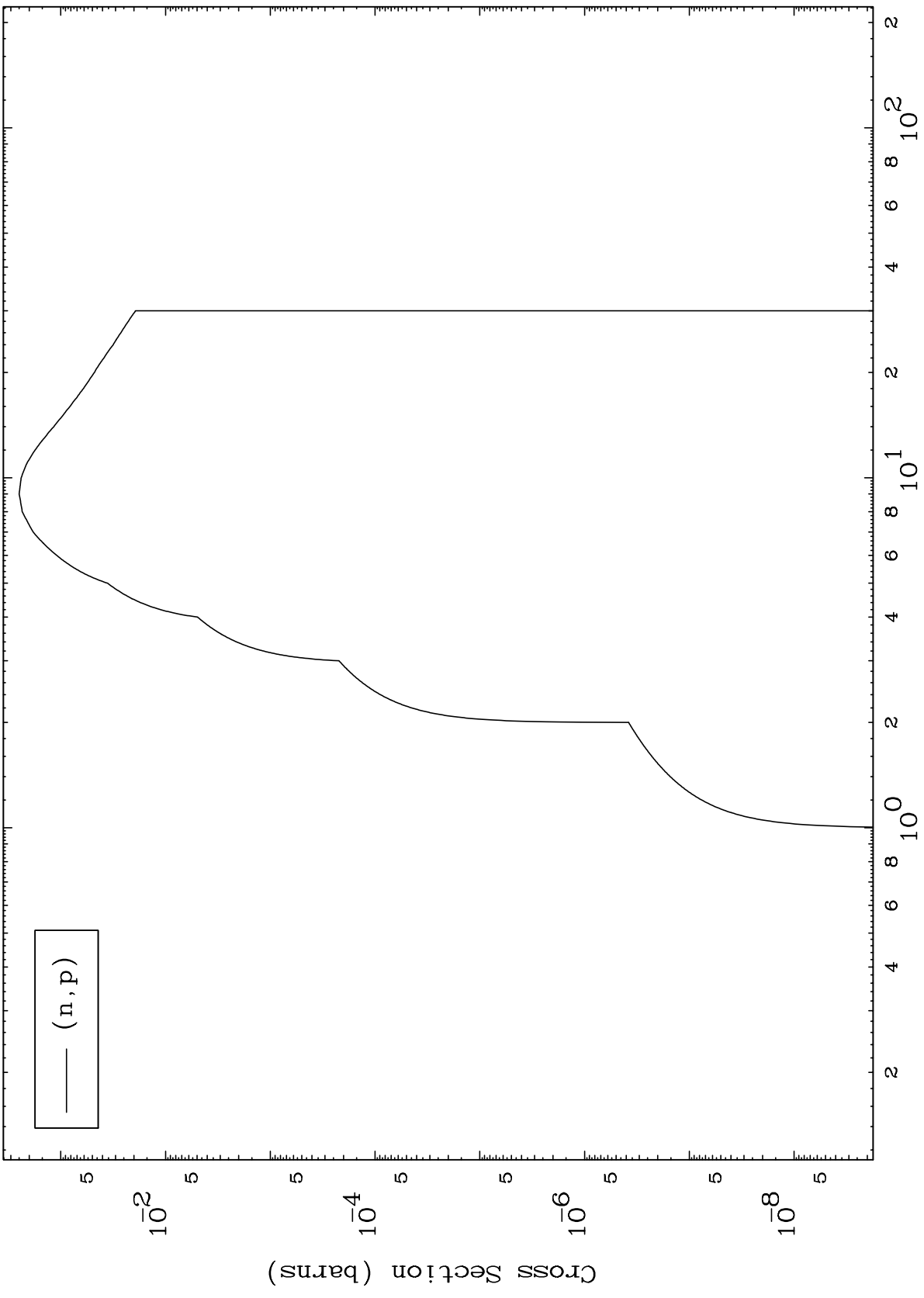


MAT 4019

(d,p) Levels

40-Zr-88

0 Kelvin Cross Sections

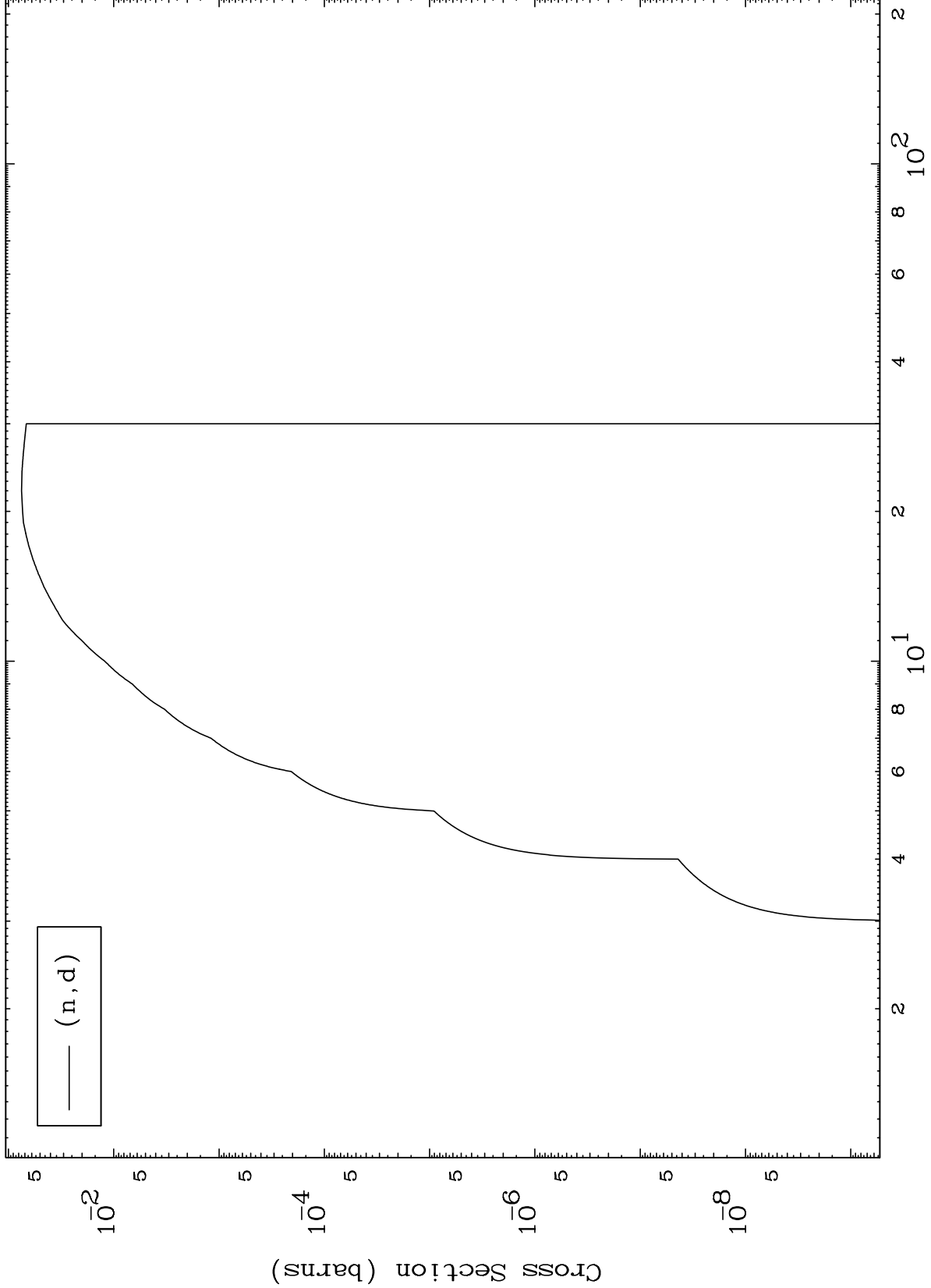


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(d,d) Levels

40-Zr-88

0 Kelvin Cross Sections



8

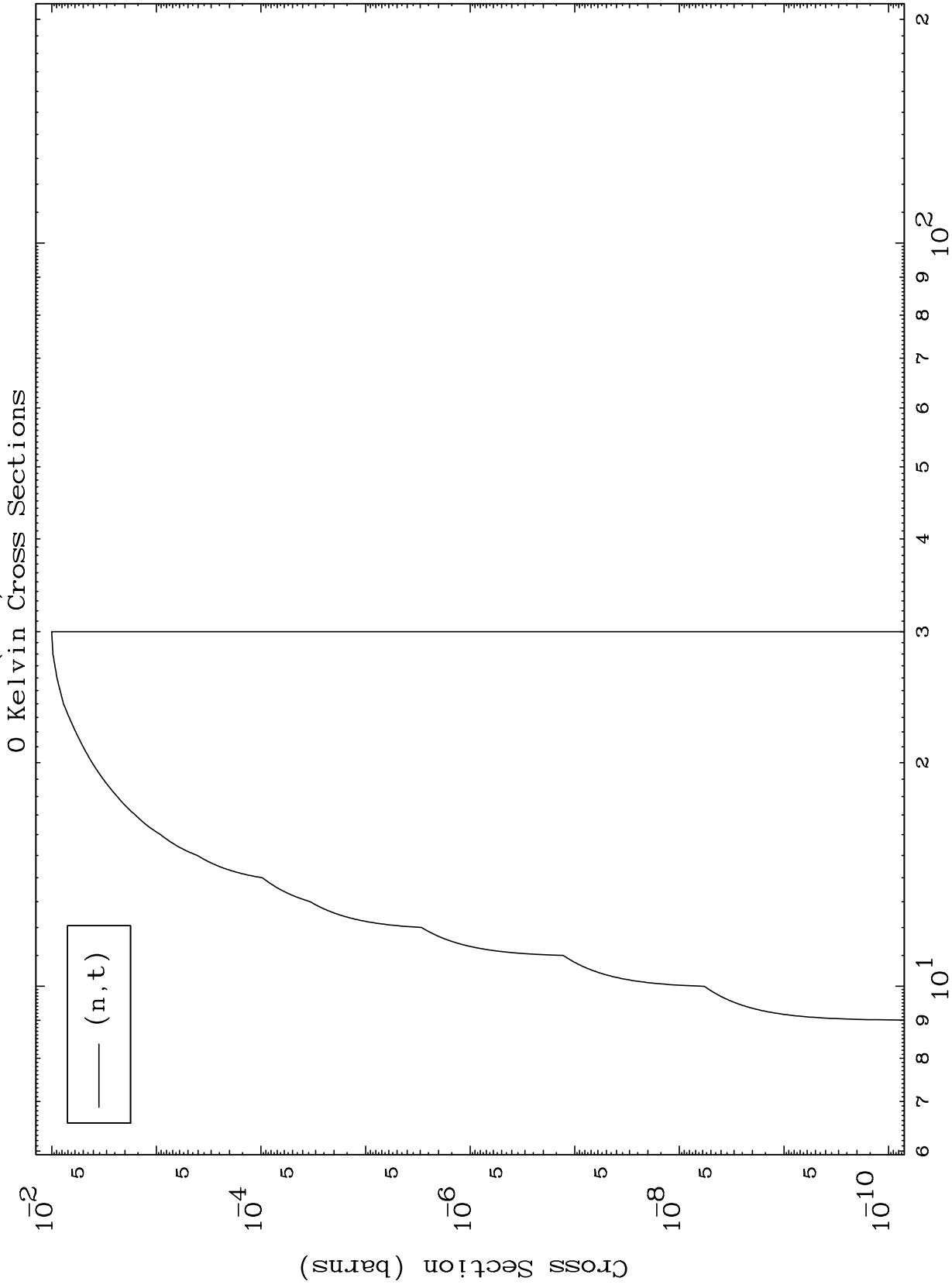
Incident Energy (MeV)

40-Zr-88

MAT 4019

(d, t) Levels

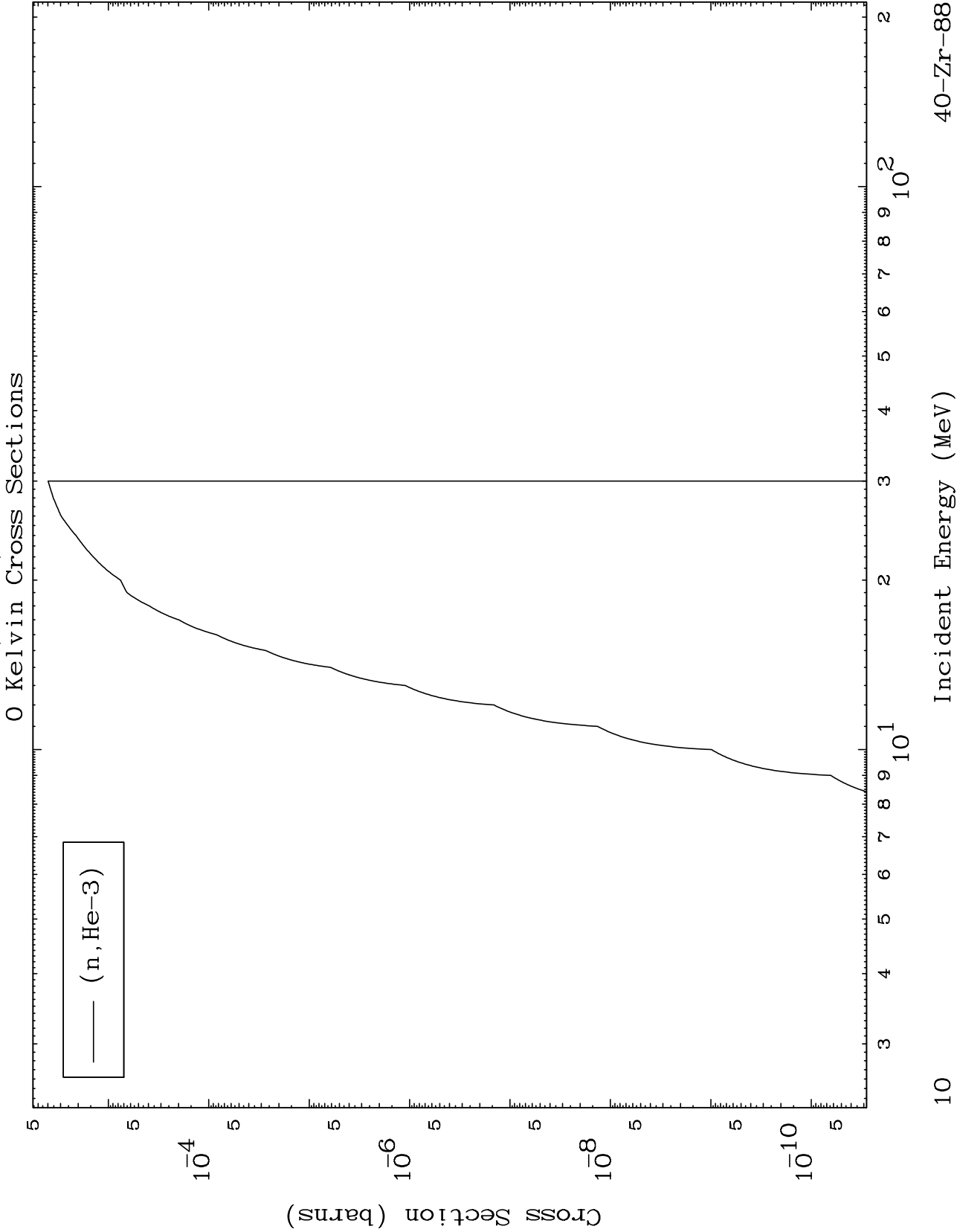
40-Zr-88



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(d,He3) Levels

40-Zr-88



10

Incident Energy (MeV)

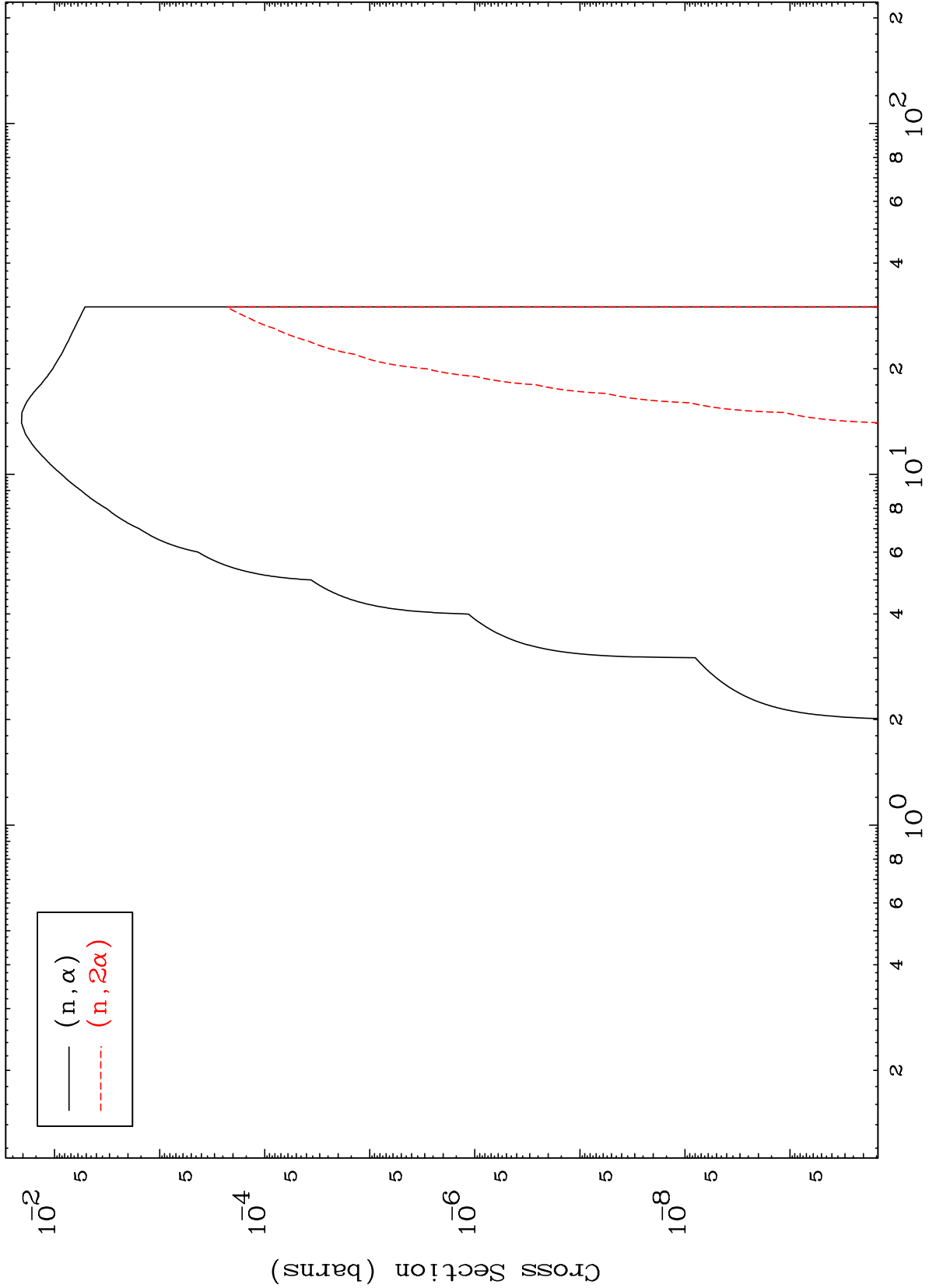
40-Zr-88

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(d, α) Levels

40-Zr-88

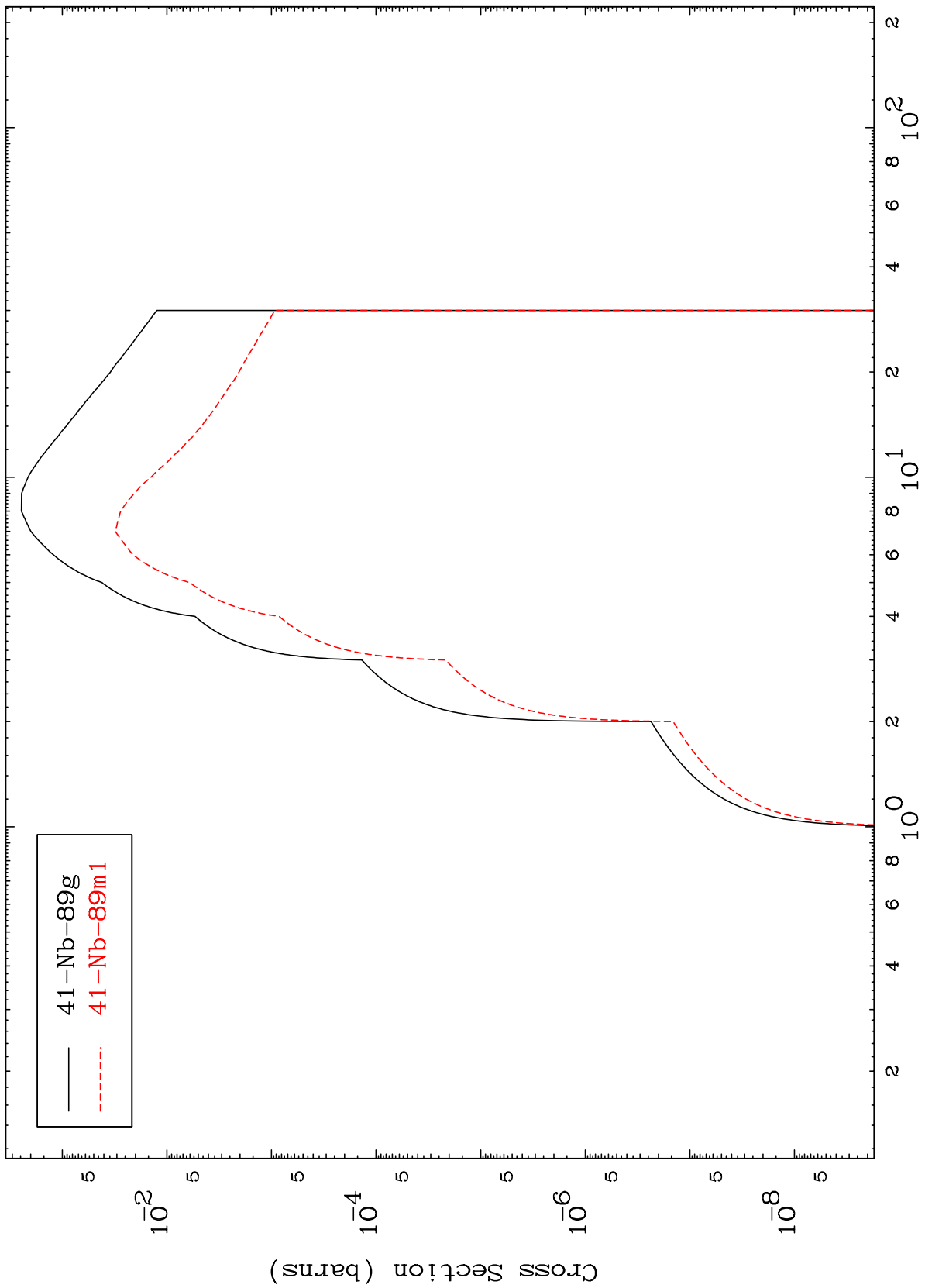
0 Kelvin Cross Sections



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40-Zr-88

Inelastic
Radionuclide Production Cross Section



— 41-Nb-89g
- - - 41-Nb-89m1

40-Zr-88

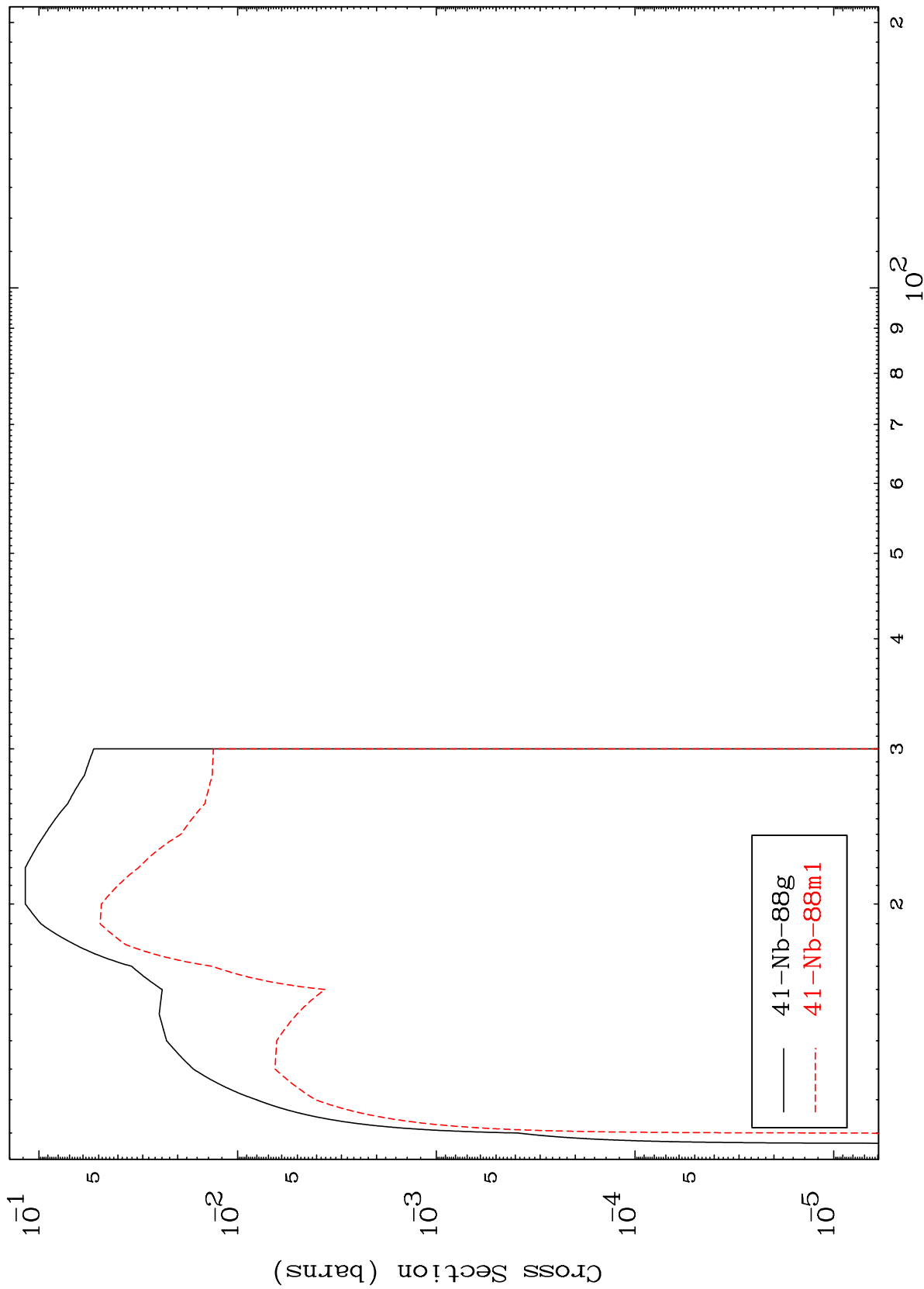
Incident Energy (MeV)

12

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40-Zr-88

(n,2n)
Radionuclide Production Cross Section



40-Zr-88

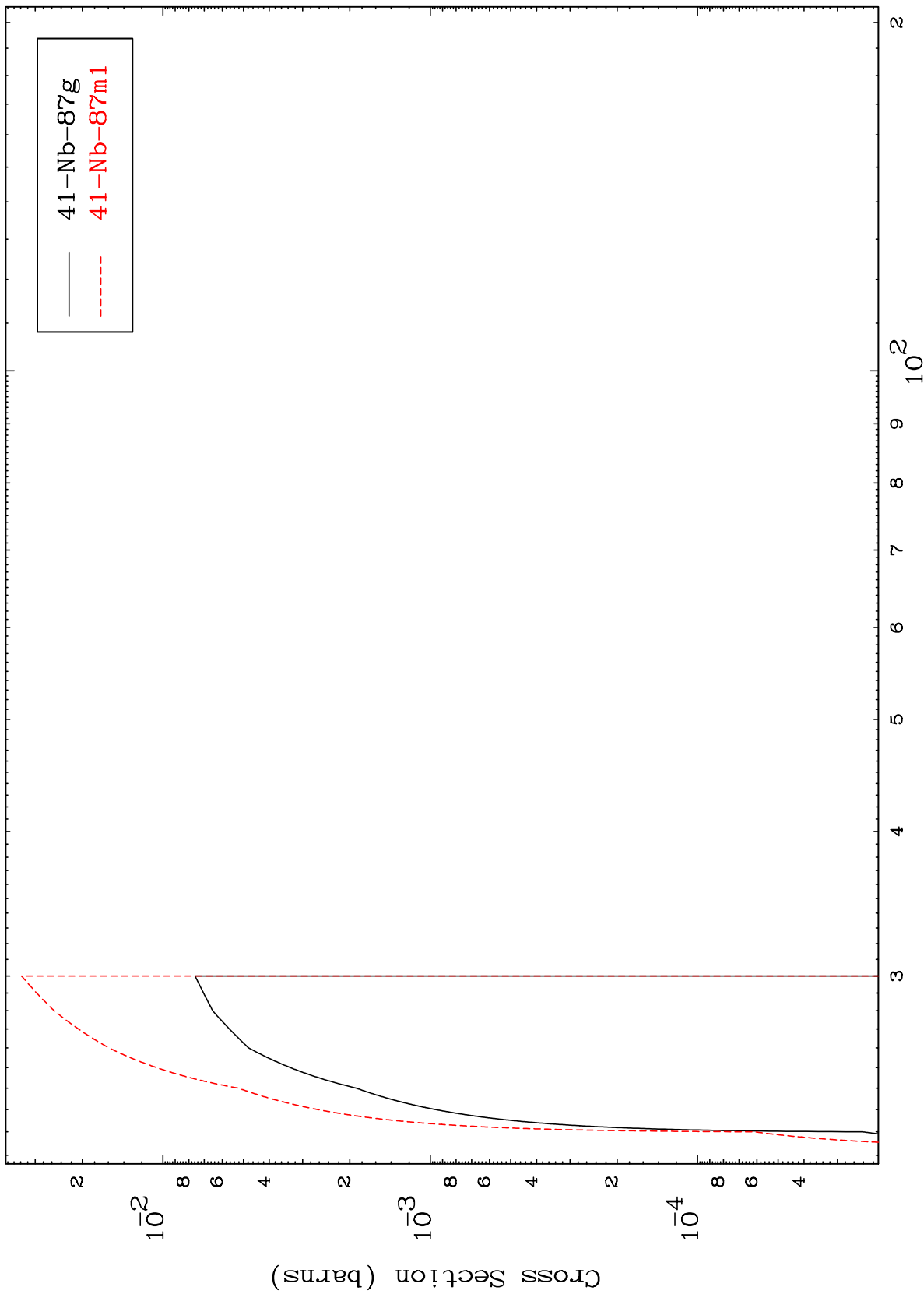
Incident Energy (MeV)

13

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40-Zr-88

(n,3n)
Radionuclide Production Cross Section



40-Zr-88

Incident Energy (MeV)

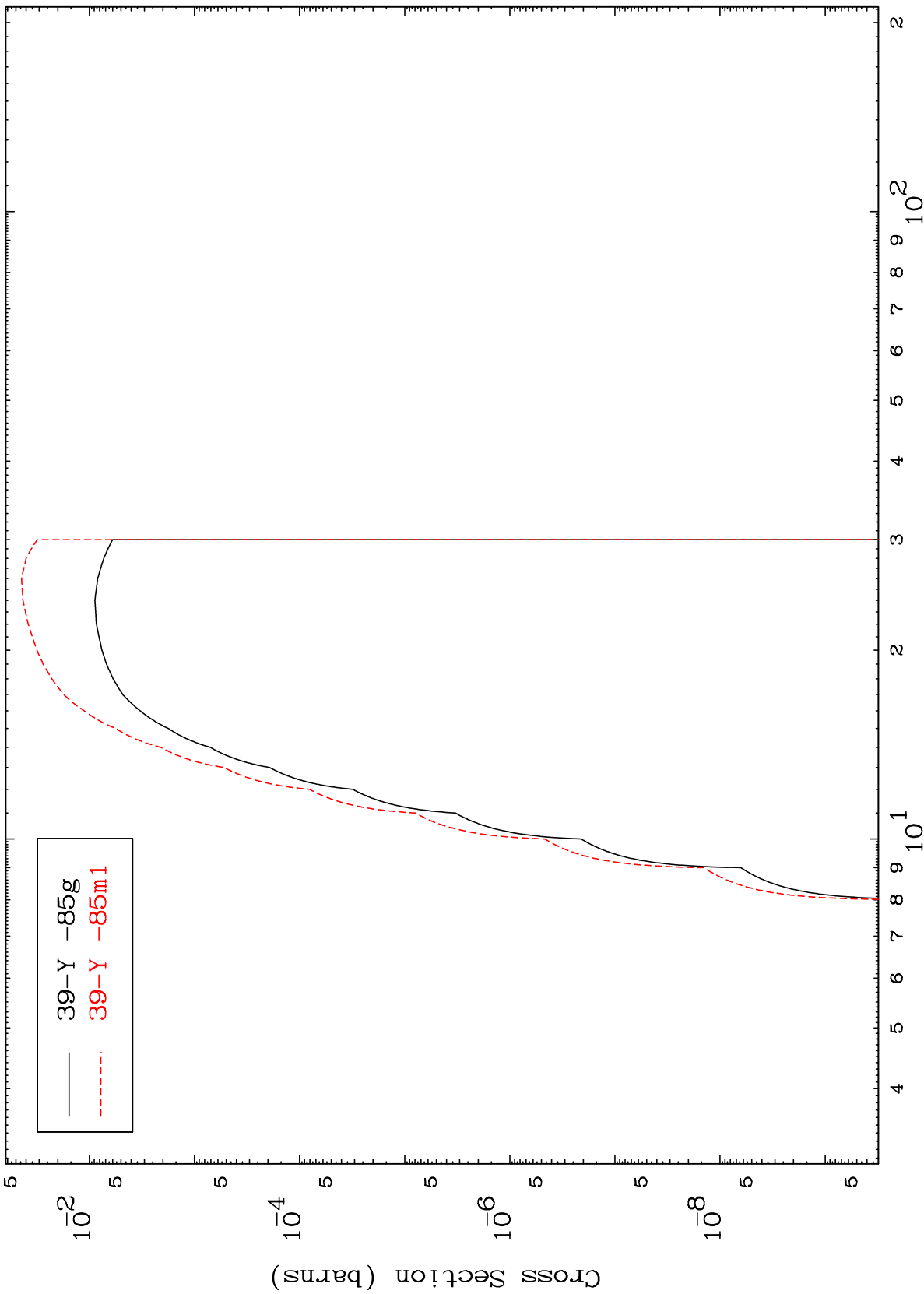
14

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$(n, n') \alpha$

40-Zr-88

Radionuclide Production Cross Section



— 39-Y -85g
- - - 39-Y -85m1

15

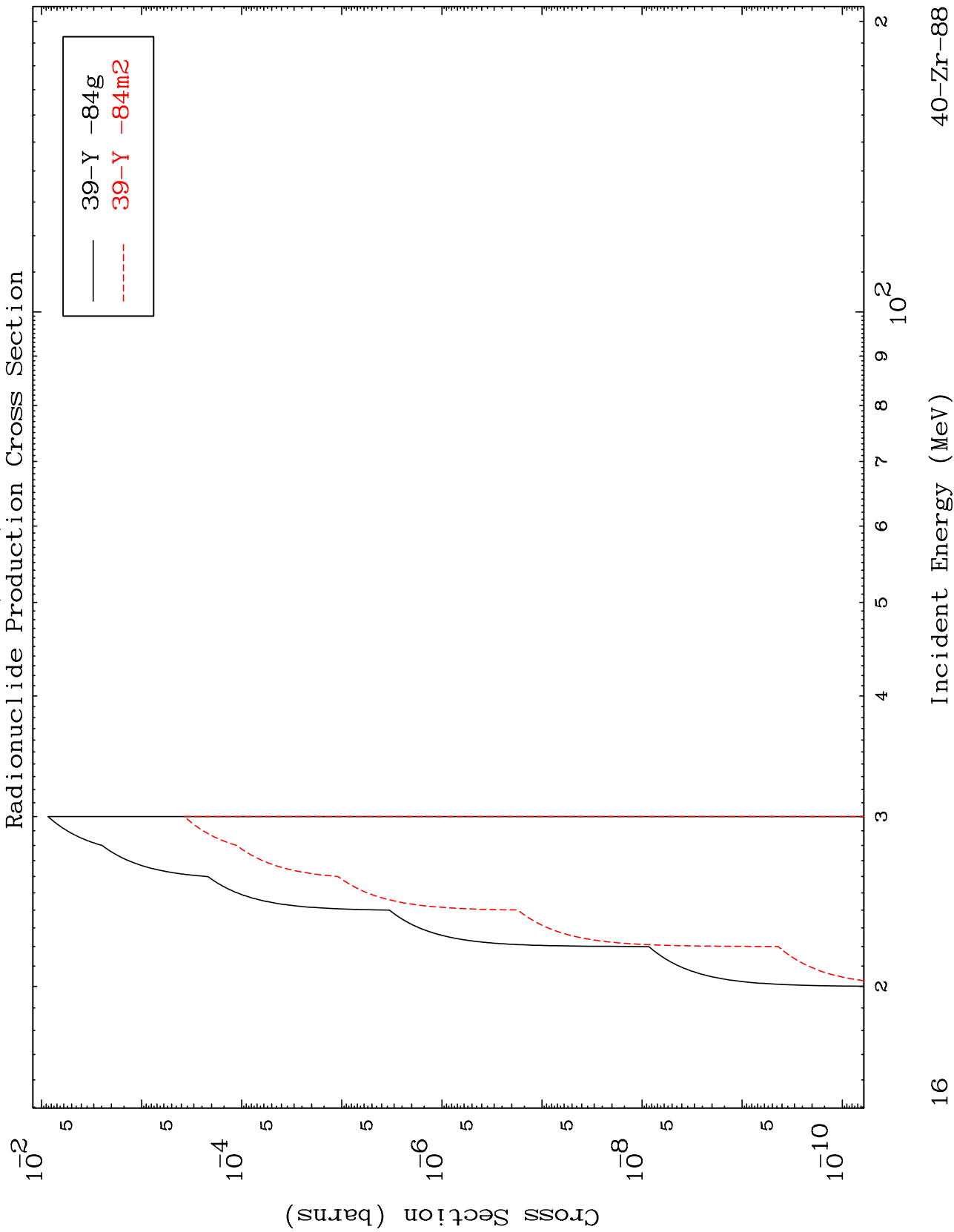
Incident Energy (MeV)

40-Zr-88

MAT 4019

(n,2n) α

40-Zr-88



16

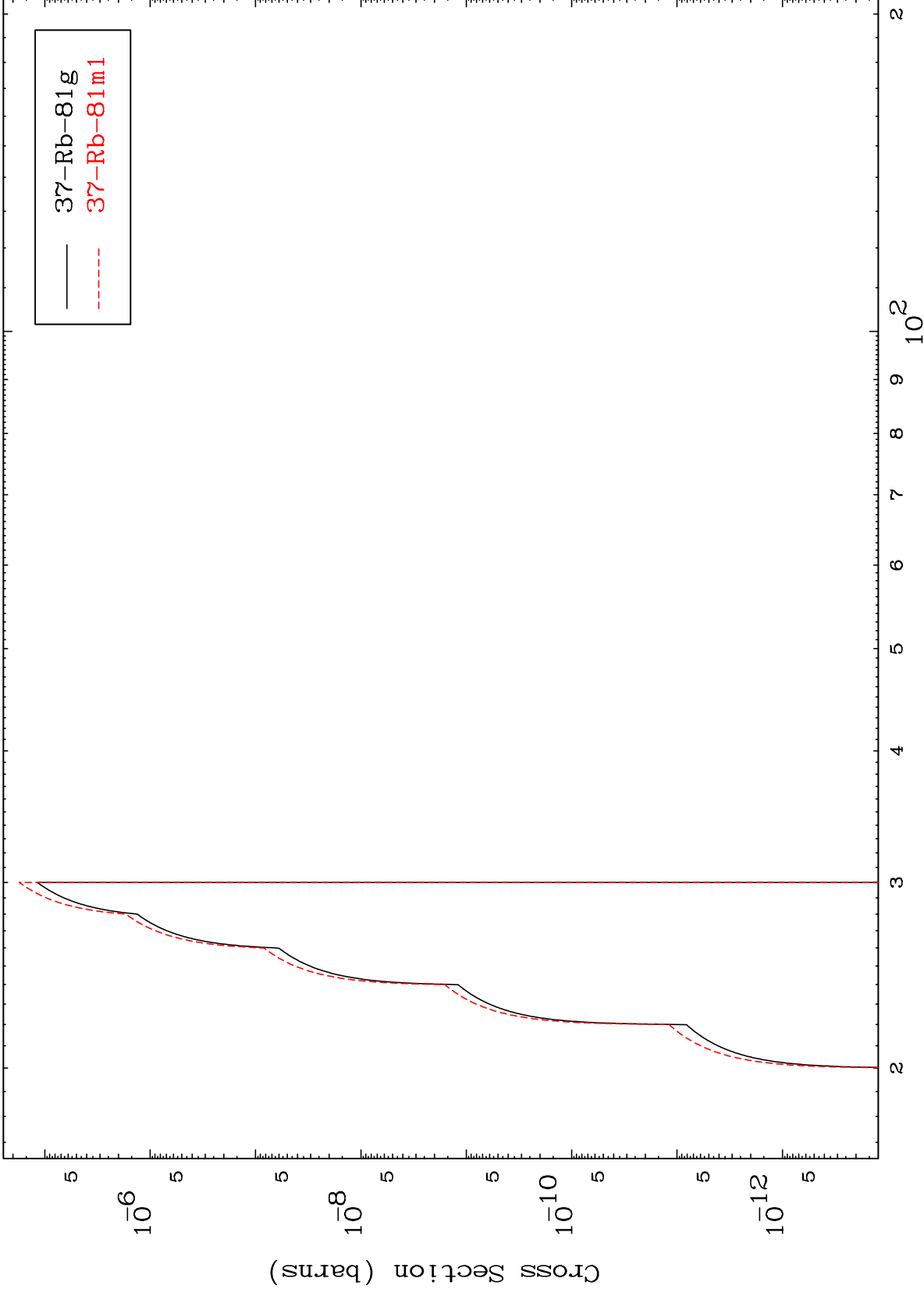
40-Zr-88

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(n,n') 2α

40-Zr-88

Radionuclide Production Cross Section



17

Incident Energy (MeV)

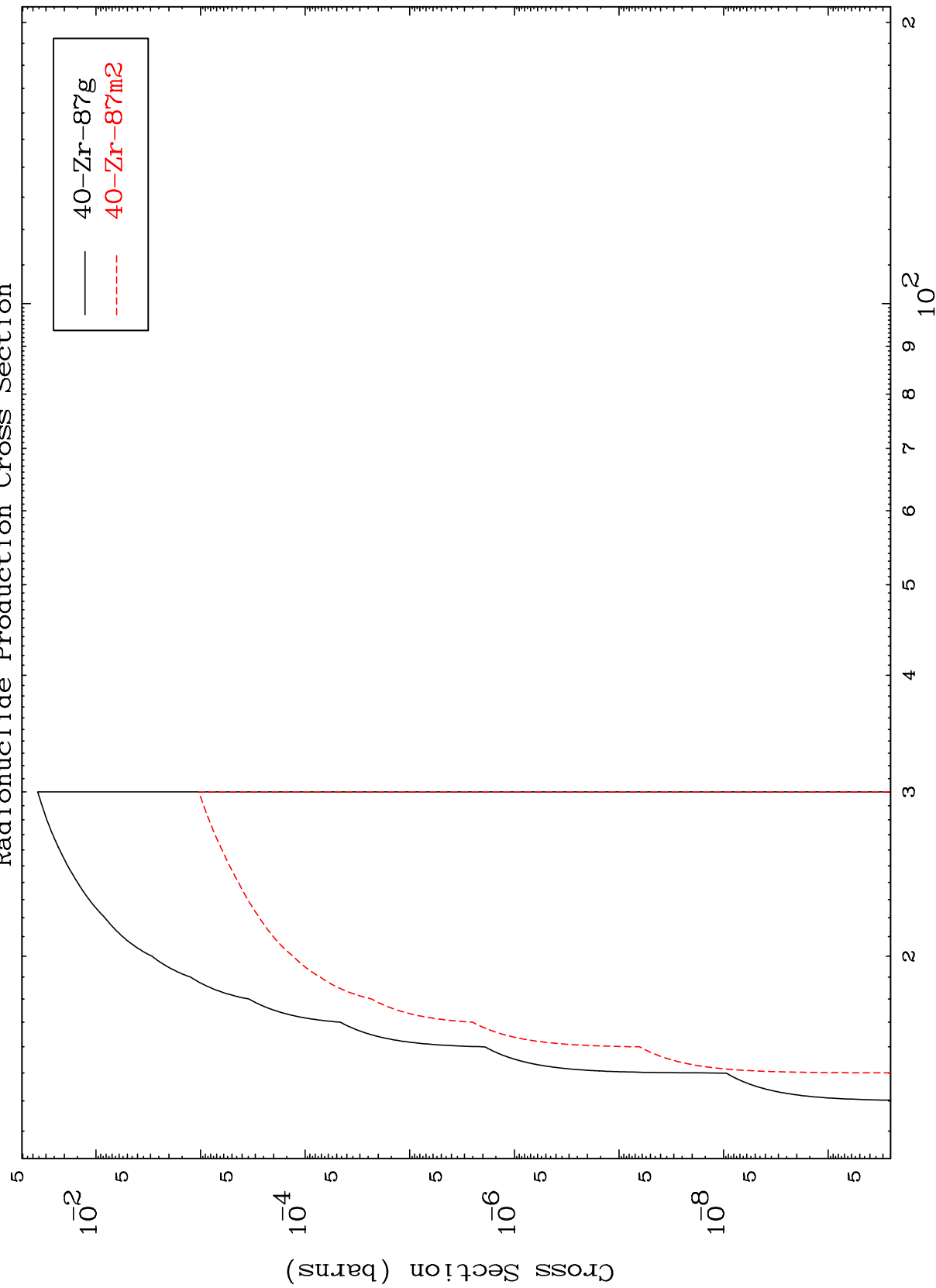
40-Zr-88

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(n,n') d

40-Zr-88

Radionuclide Production Cross Section



18

Incident Energy (MeV)

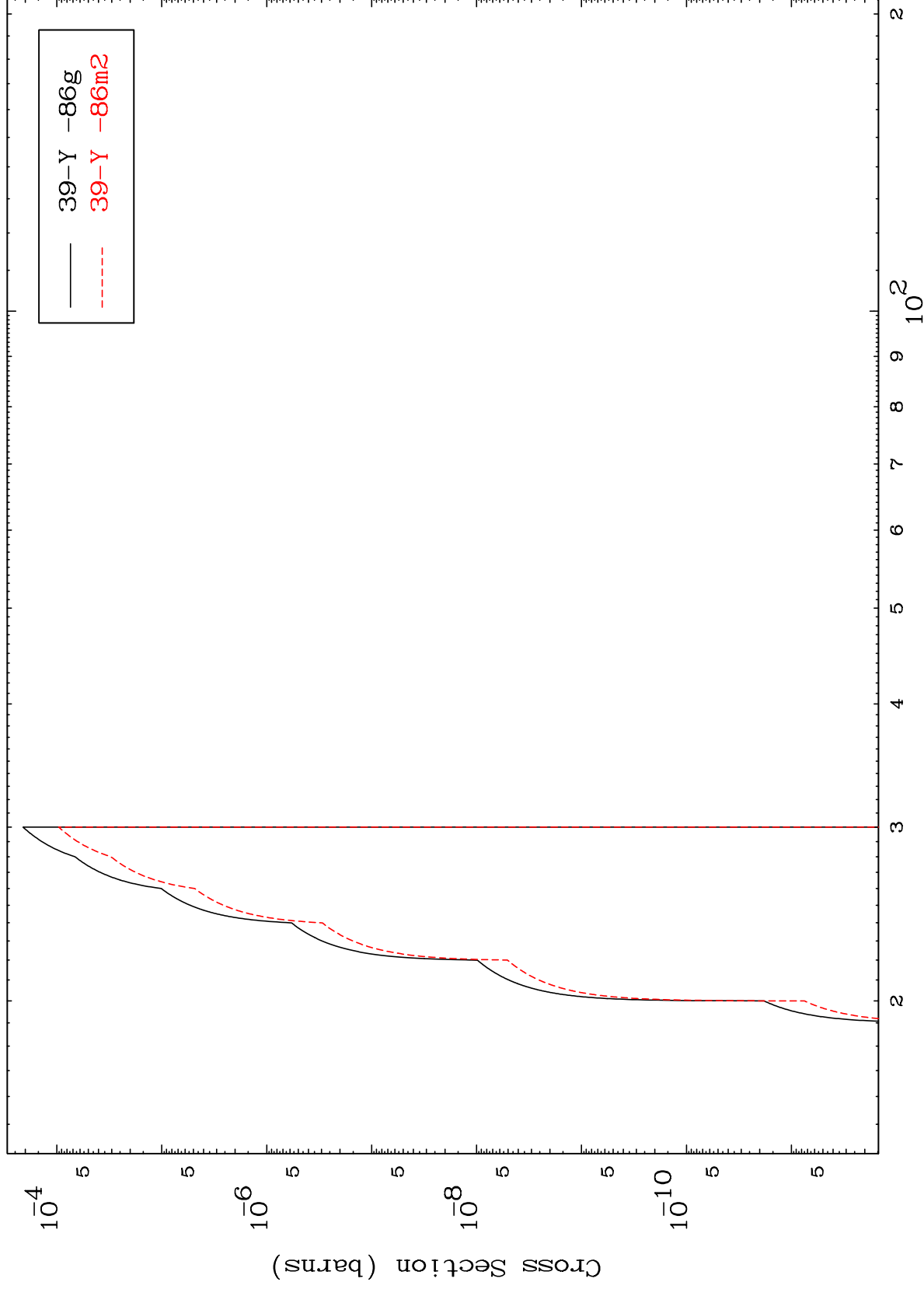
40-Zr-88

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(n,n') He-3

40-Zr-88

Radionuclide Production Cross Section



19

Incident Energy (MeV)

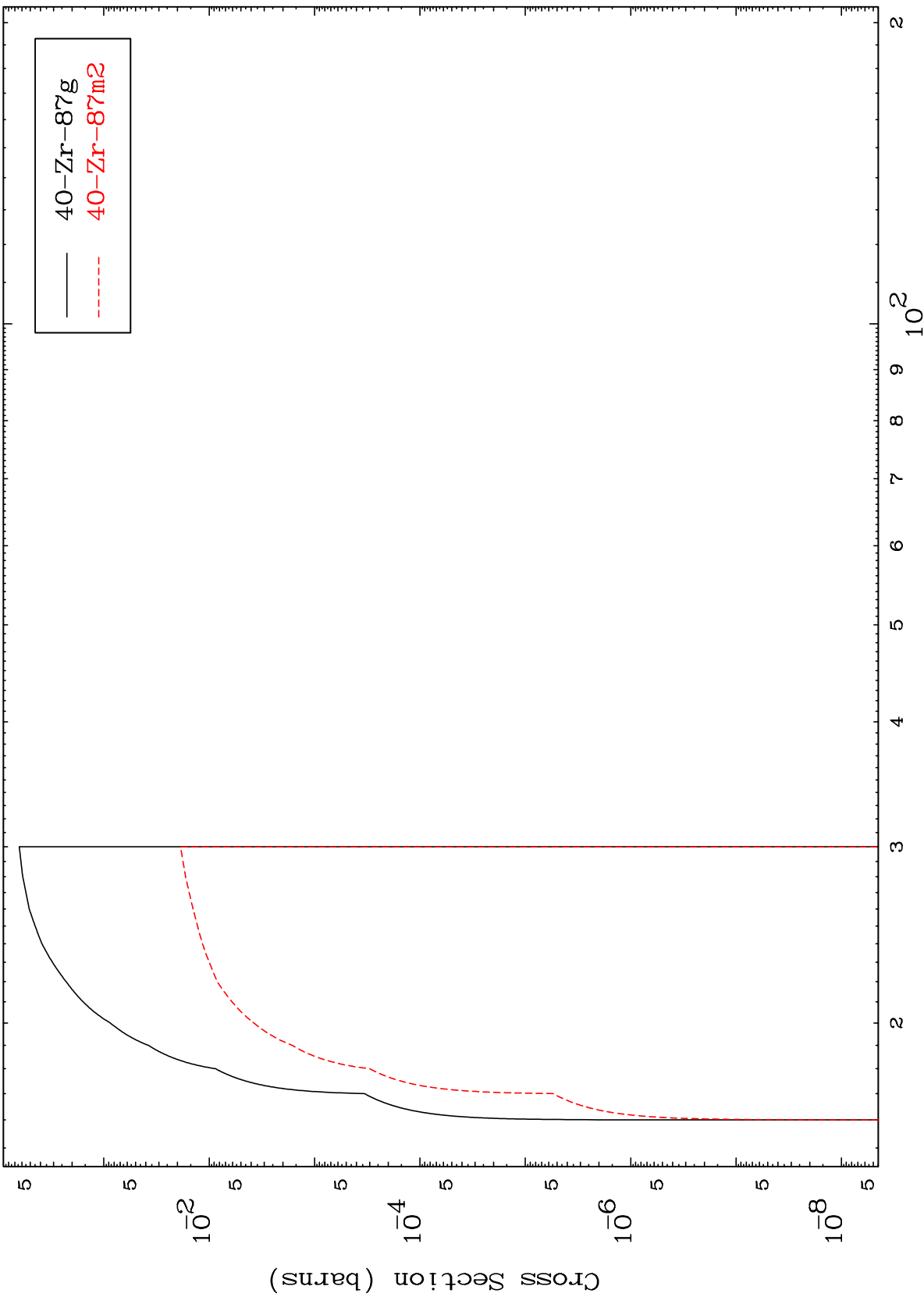
40-Zr-88

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(n,2n) p

40-Zr-88

Radionuclide Production Cross Section



20

Incident Energy (MeV)

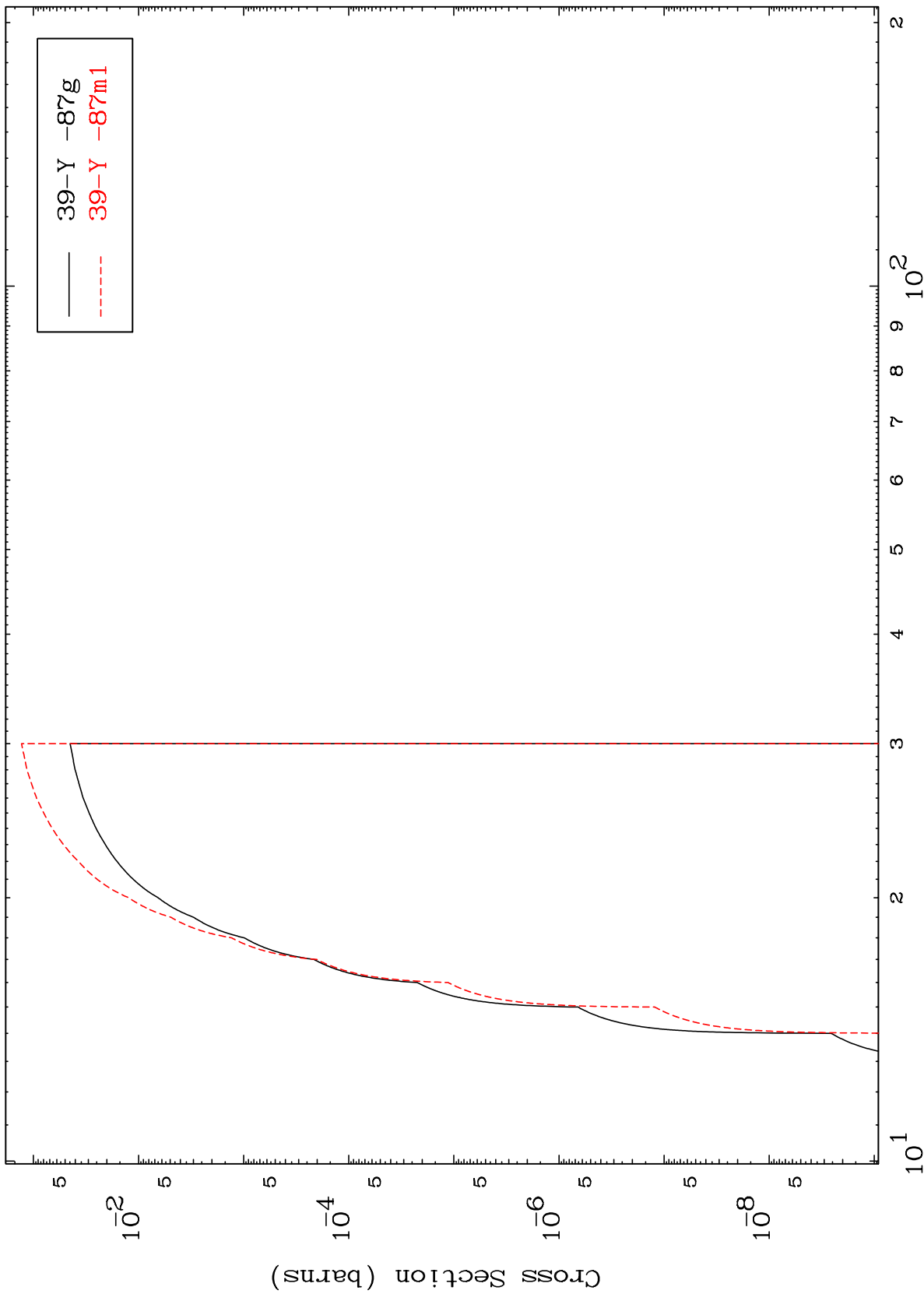
40-Zr-88

MAT 4019

(n,2n) p

40-Zr-88

Radionuclide Production Cross Section



Incident Energy (MeV)

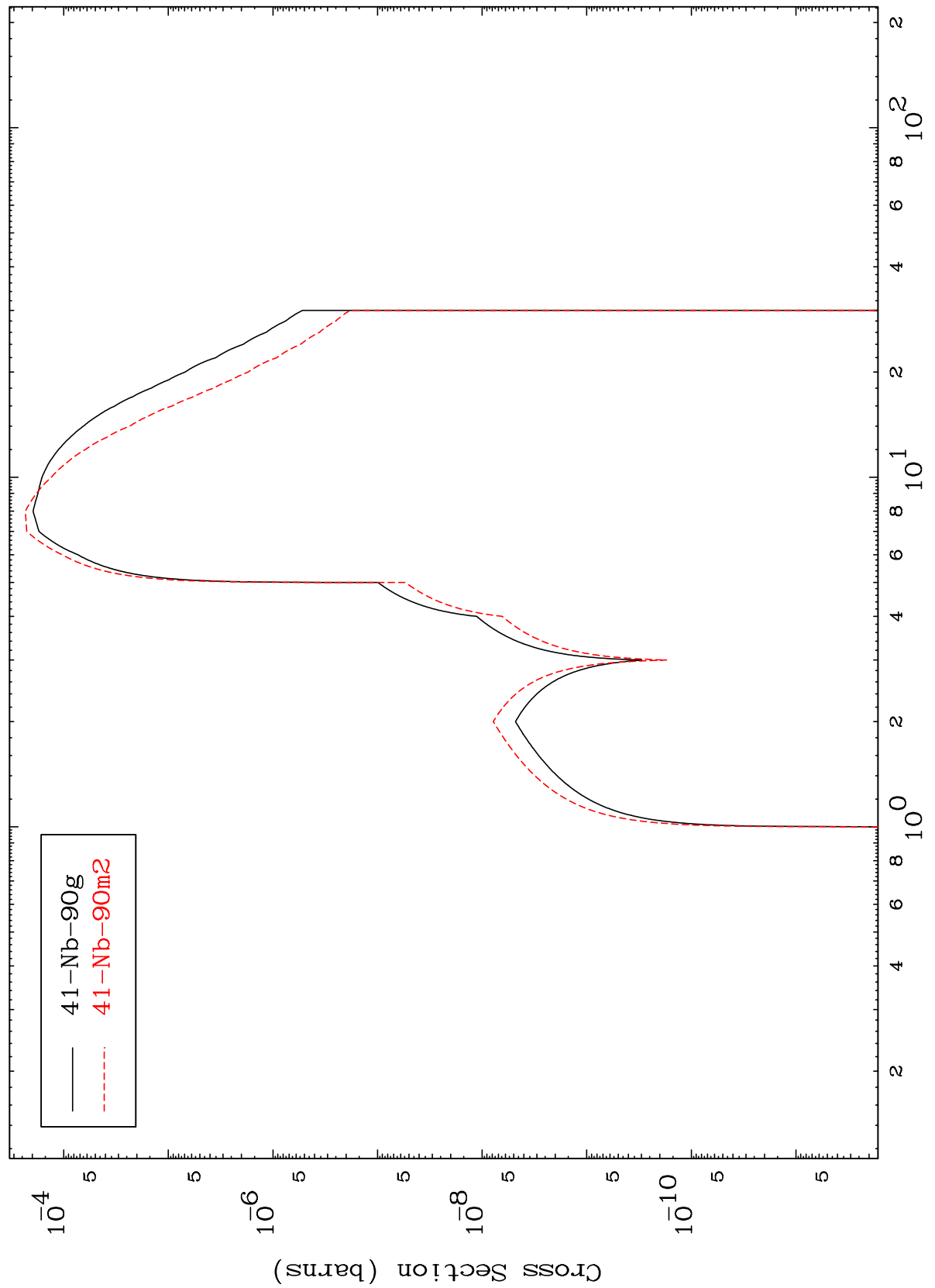
40-Zr-88

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40-Zr-88

Radionuclide Production Cross Section
(n, γ)



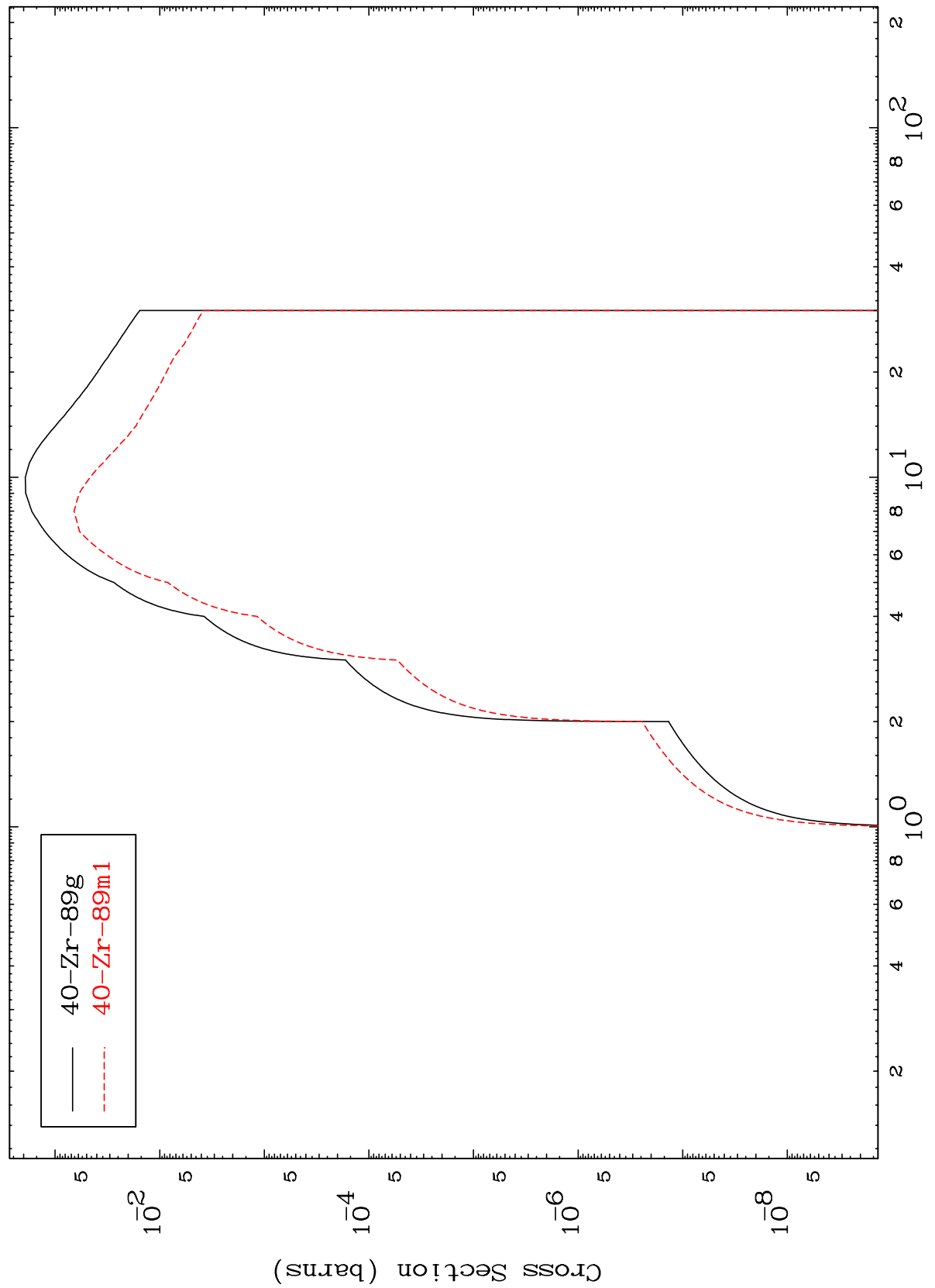
40-Zr-88

Incident Energy (MeV)

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40-Zr-88

(n,p)
Radionuclide Production Cross Section



40-Zr-88

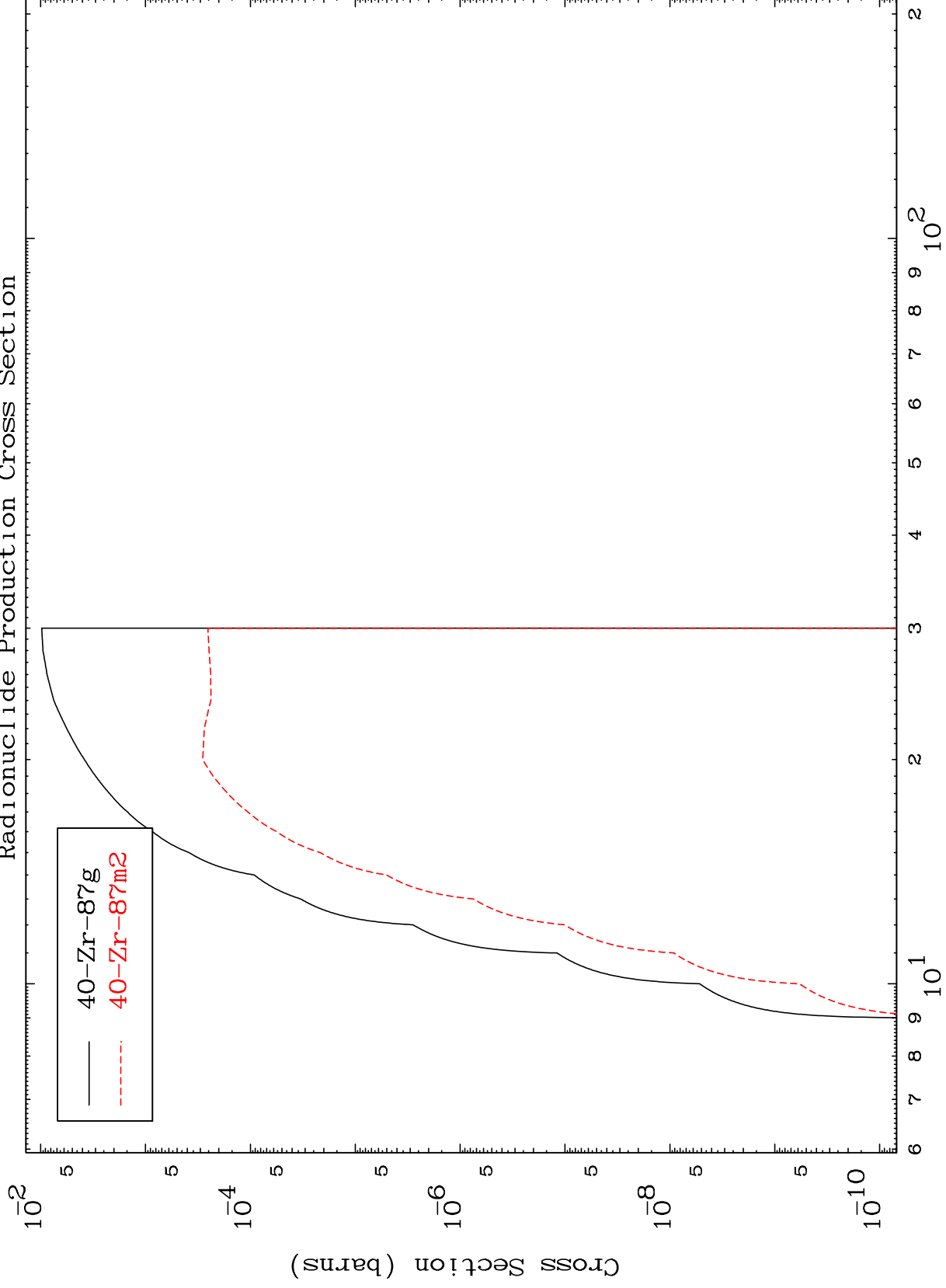
Incident Energy (MeV)

23

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40-Zr-88

(n, t)
Radionuclide Production Cross Section



24

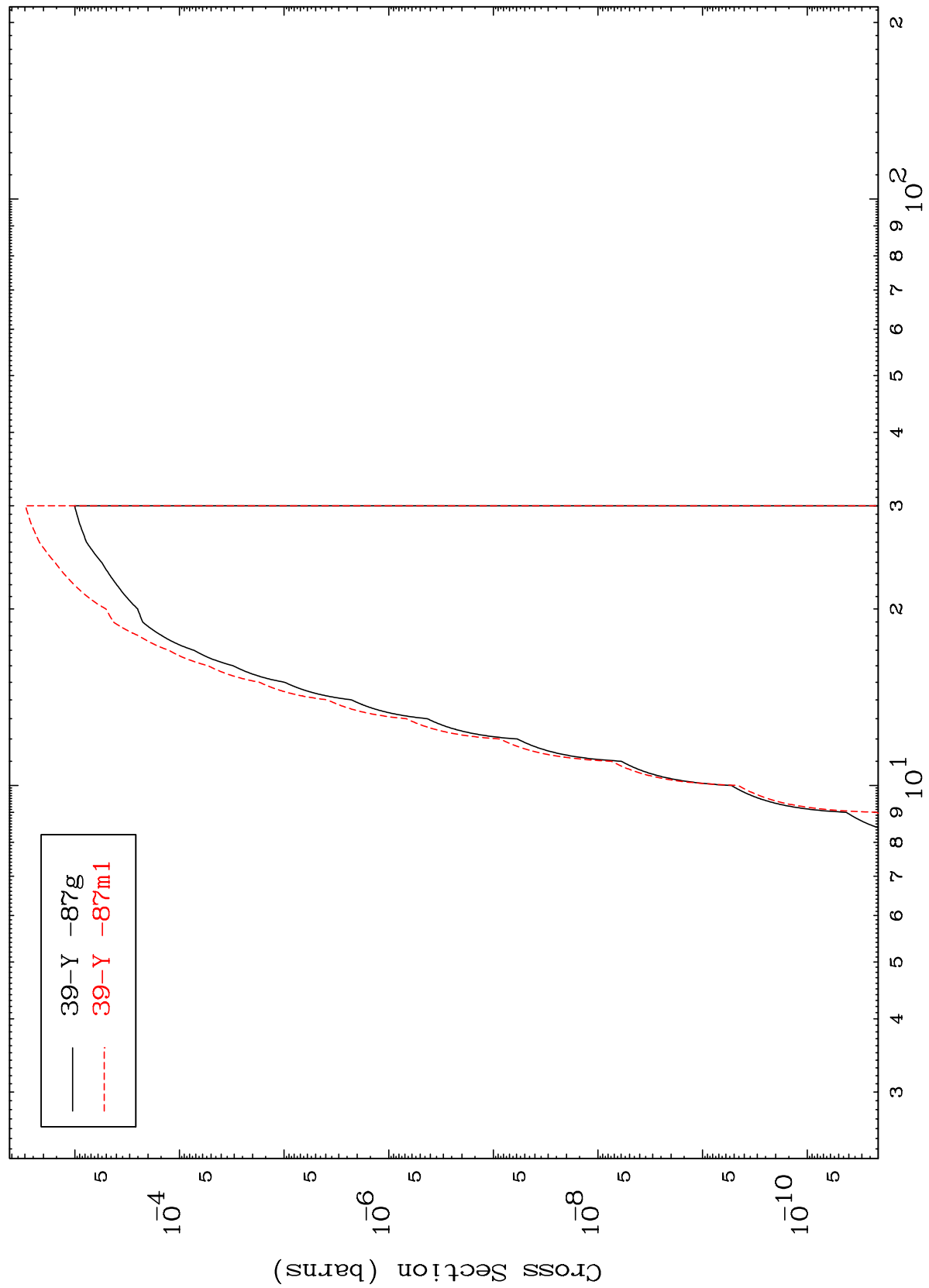
Incident Energy (MeV)

40-Zr-88

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40-Zr-88

(n,He-3)
Radionuclide Production Cross Section



25

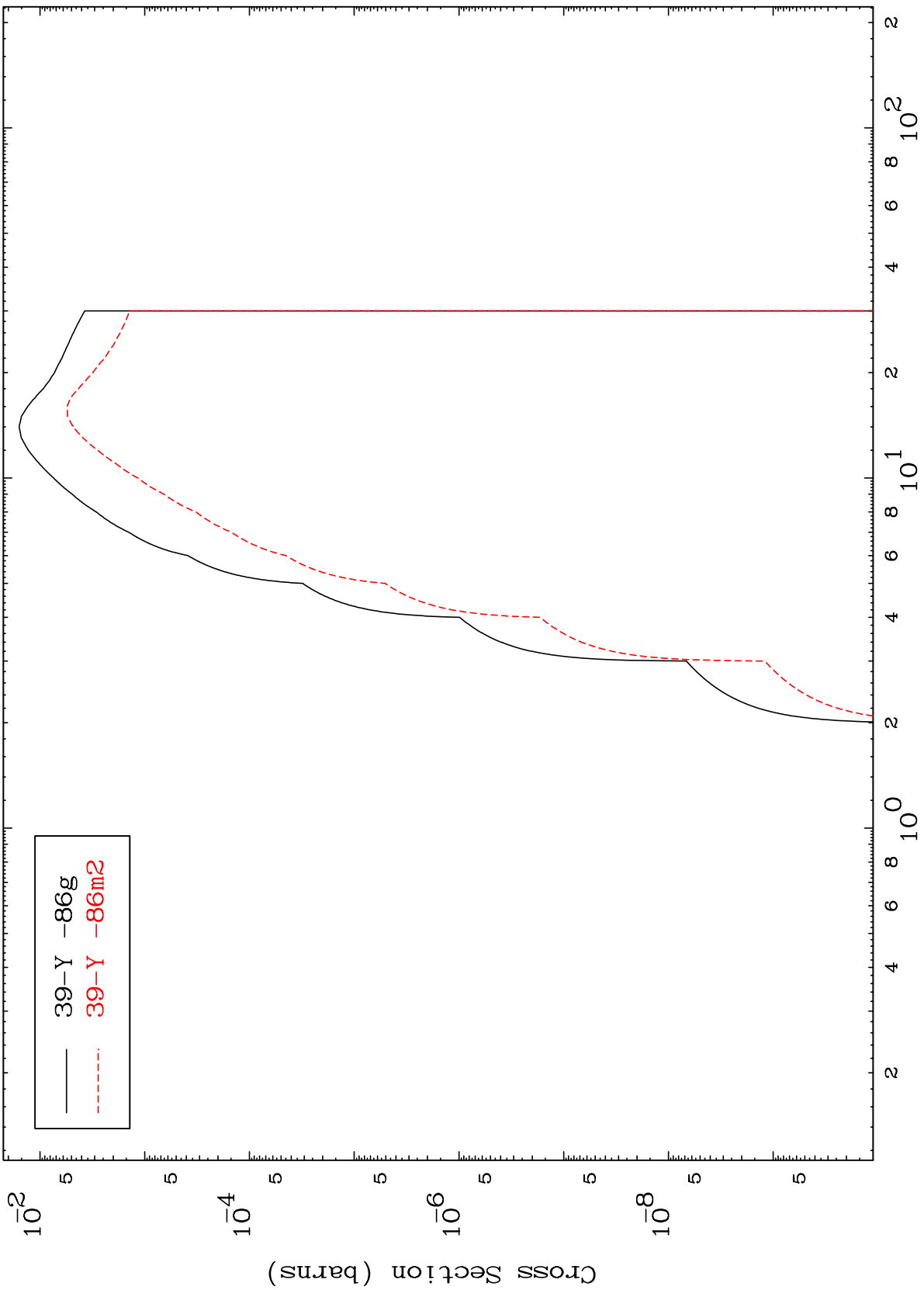
Incident Energy (MeV)

40-Zr-88

MAT 4019

40-Zr-88

Radionuclide Production Cross Section
(n, α)



— 39-Y -86g
- - - 39-Y -86m2

40-Zr-88

Incident Energy (MeV)

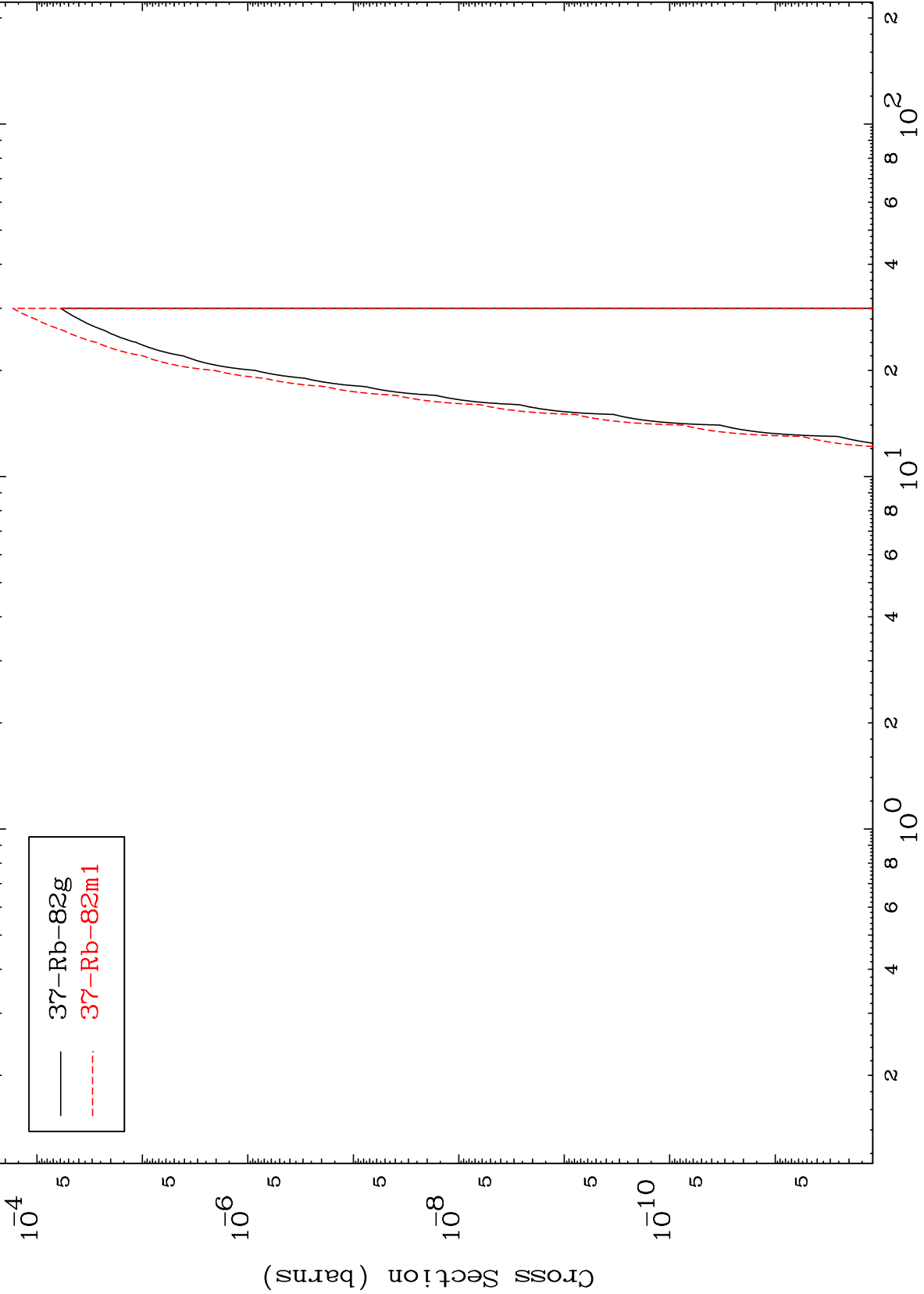
26

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(n,2α)

40-Zr-88

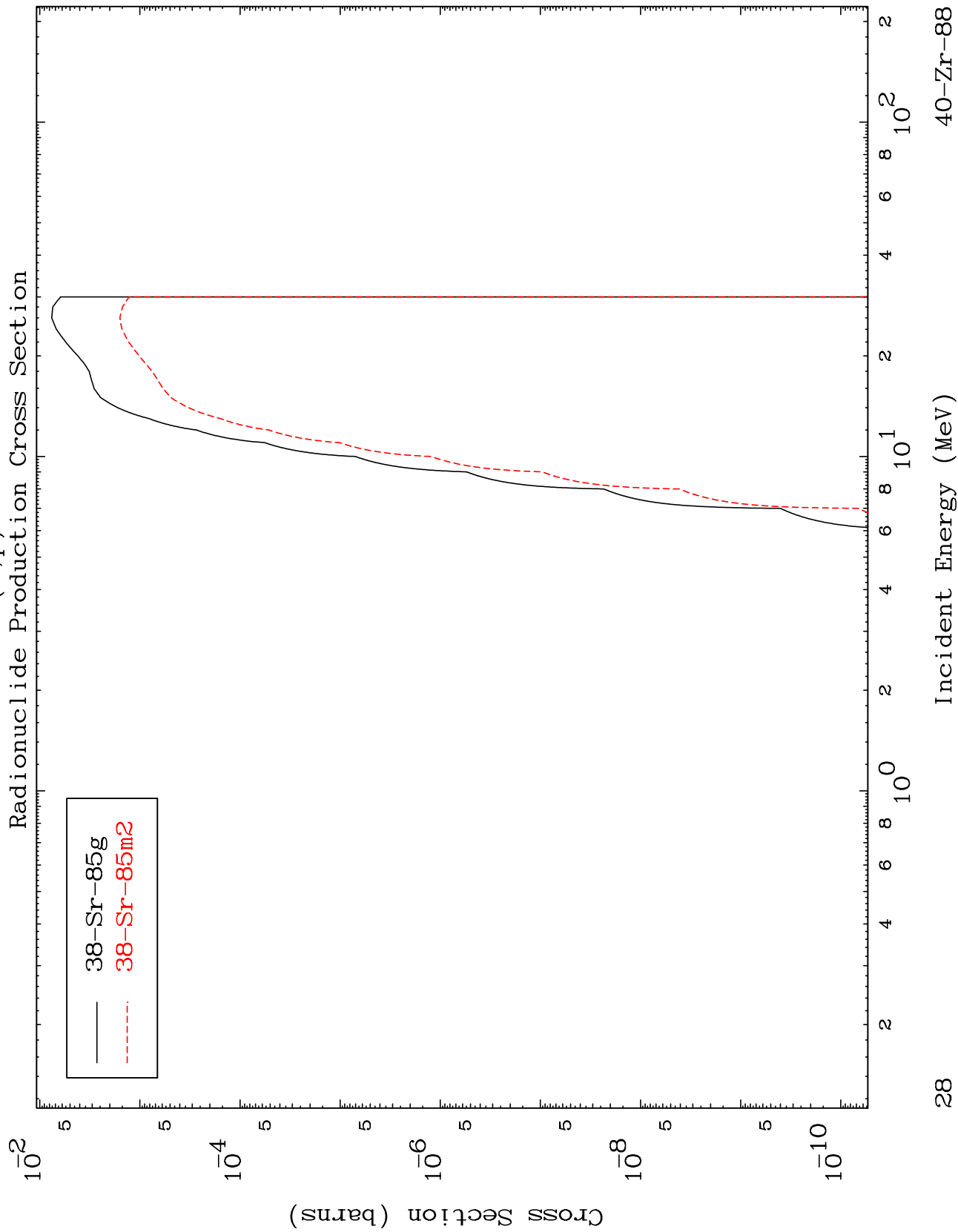
Radionuclide Production Cross Section



MAT 4019

(n,p) α

40-Zr-88

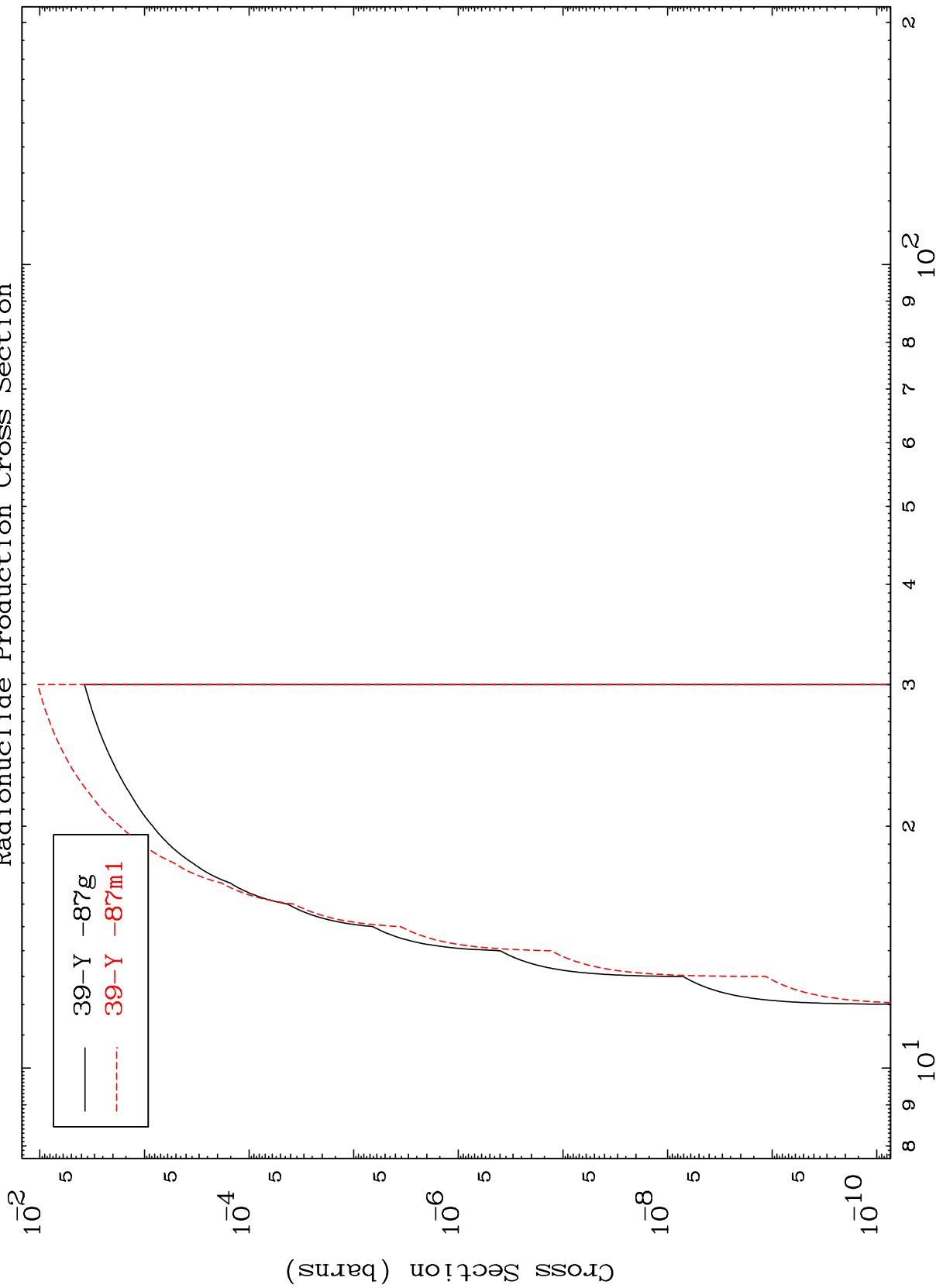


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(n,p) d

40-Zr-88

Radionuclide Production Cross Section



29

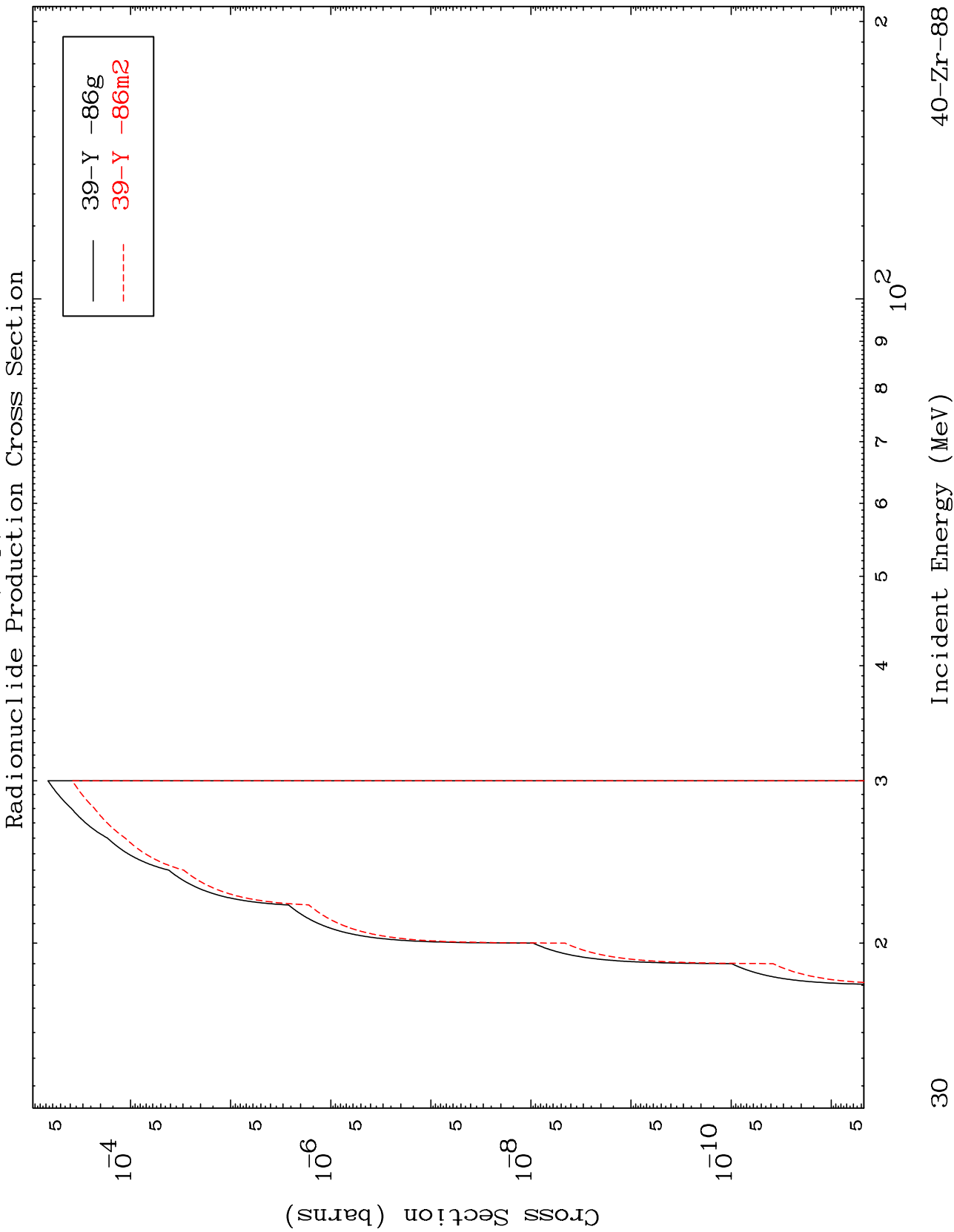
Incident Energy (MeV)

40-Zr-88

MAT 4019

(n,p) t

40-Zr-88



30

40-Zr-88