

Program EVALPLOT
(Version 2021-1)

by

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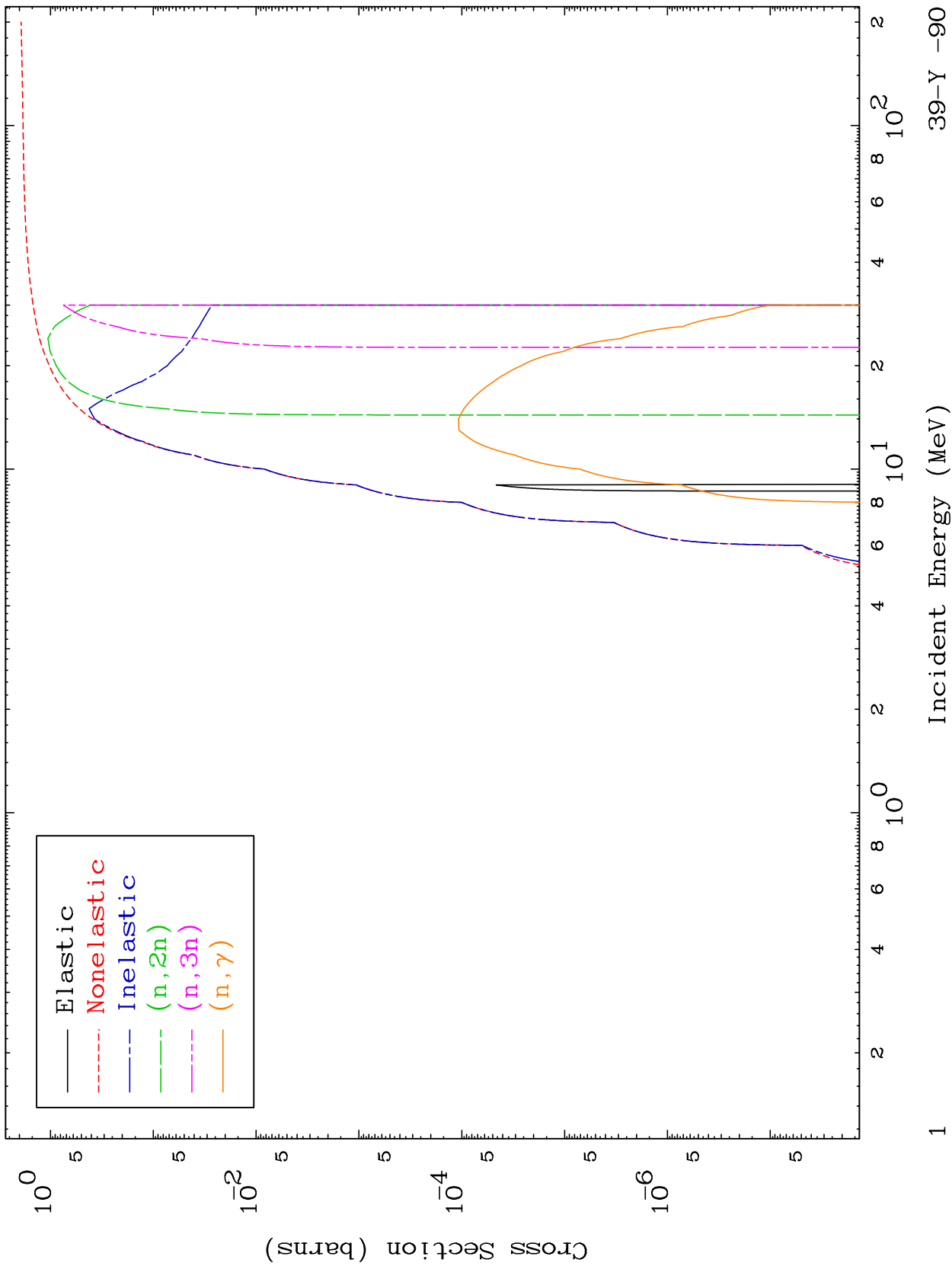
Press Mouse Button to Start

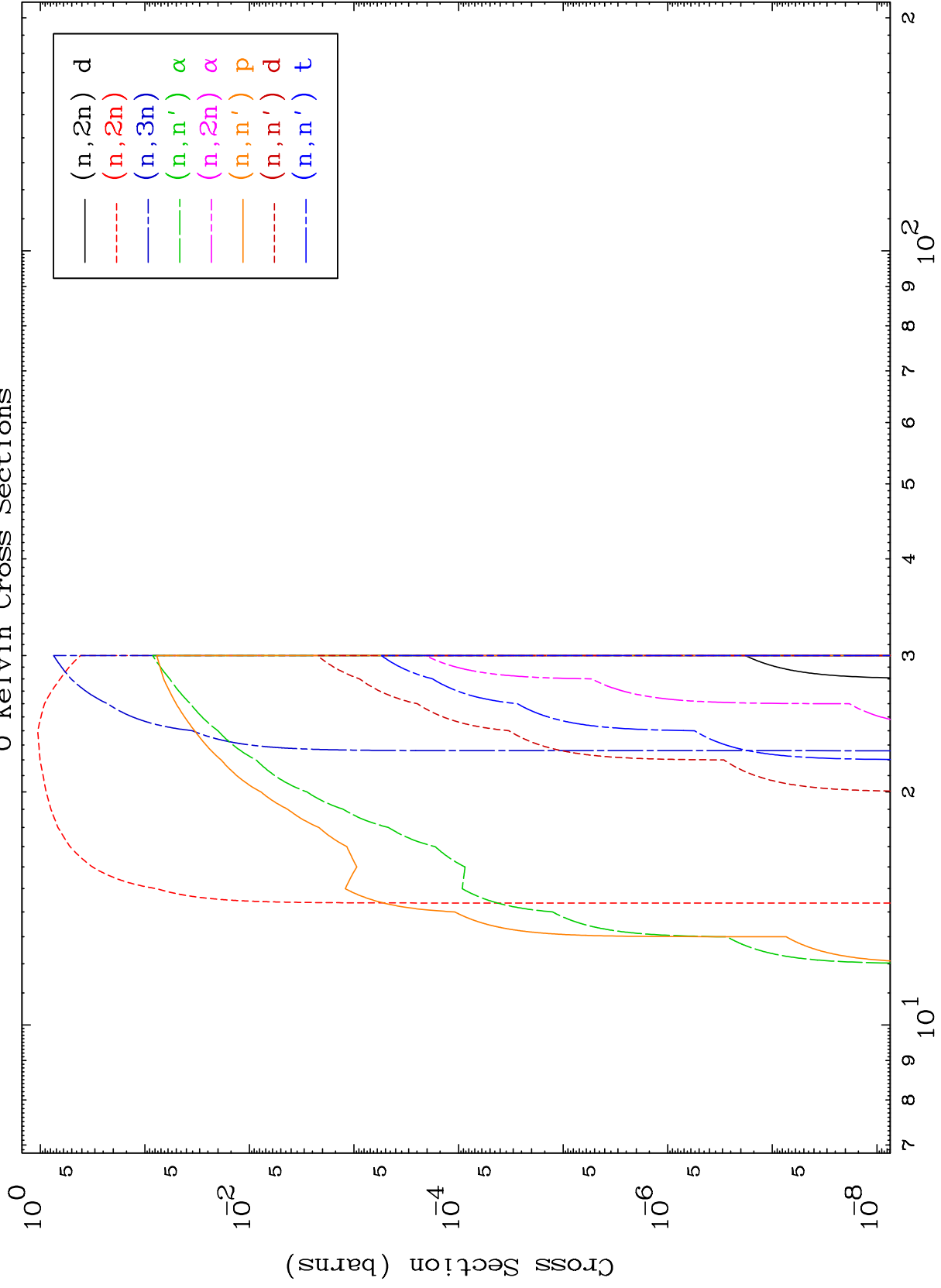
MAT 3928

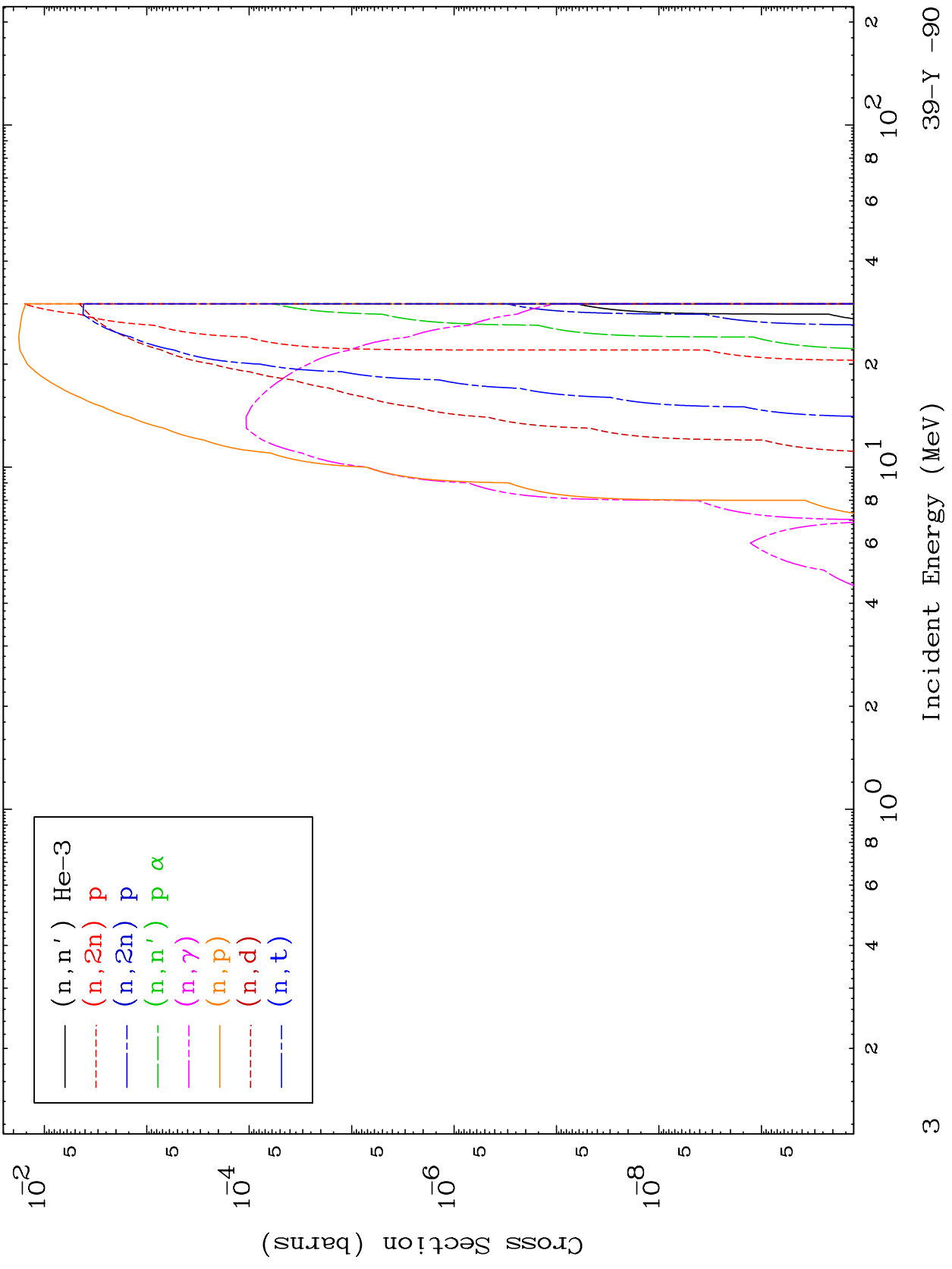
α Major

0 Kelvin Cross Sections

39-Y -90



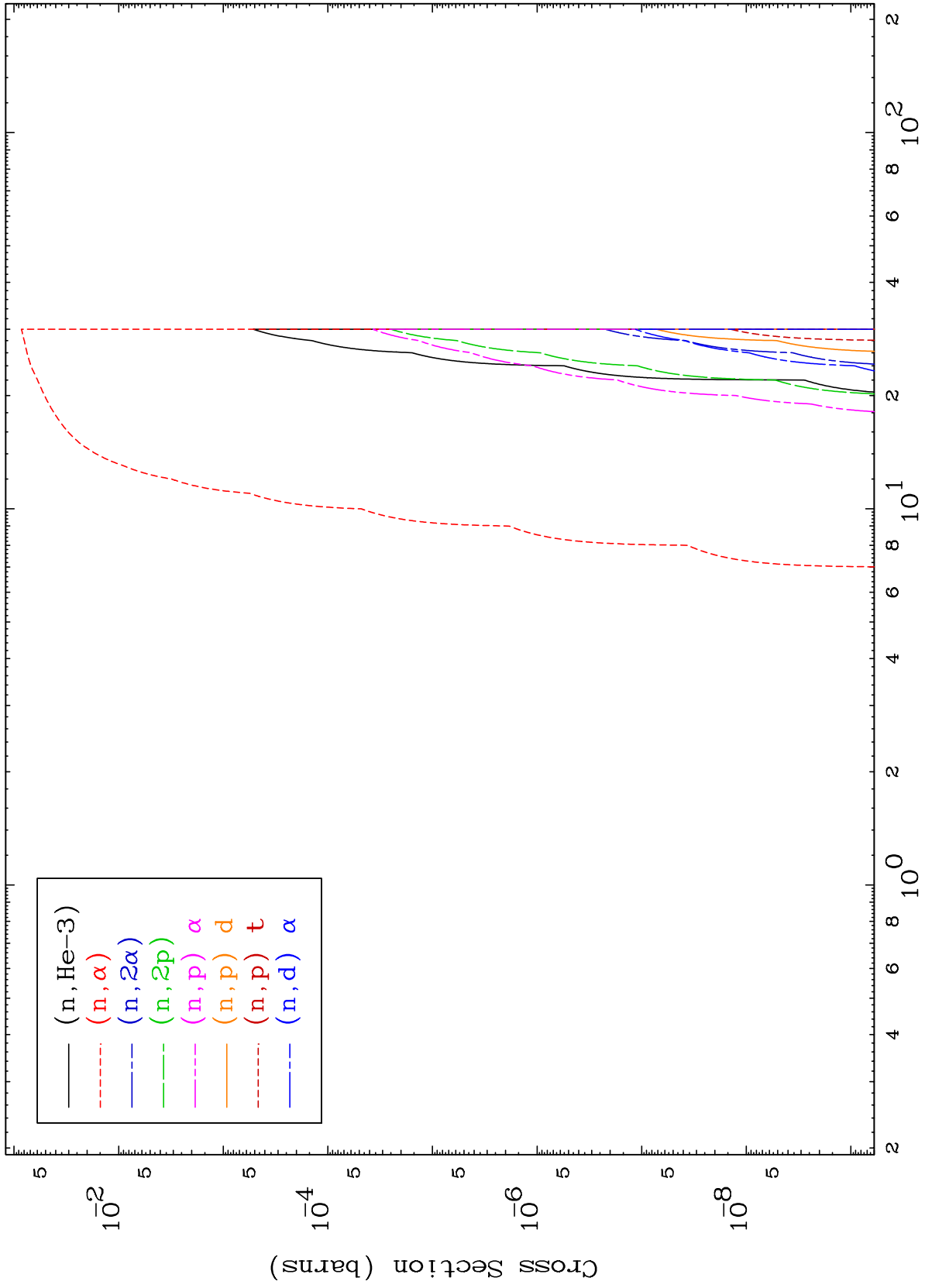




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α Neutron Absorption
0 Kelvin Cross Sections

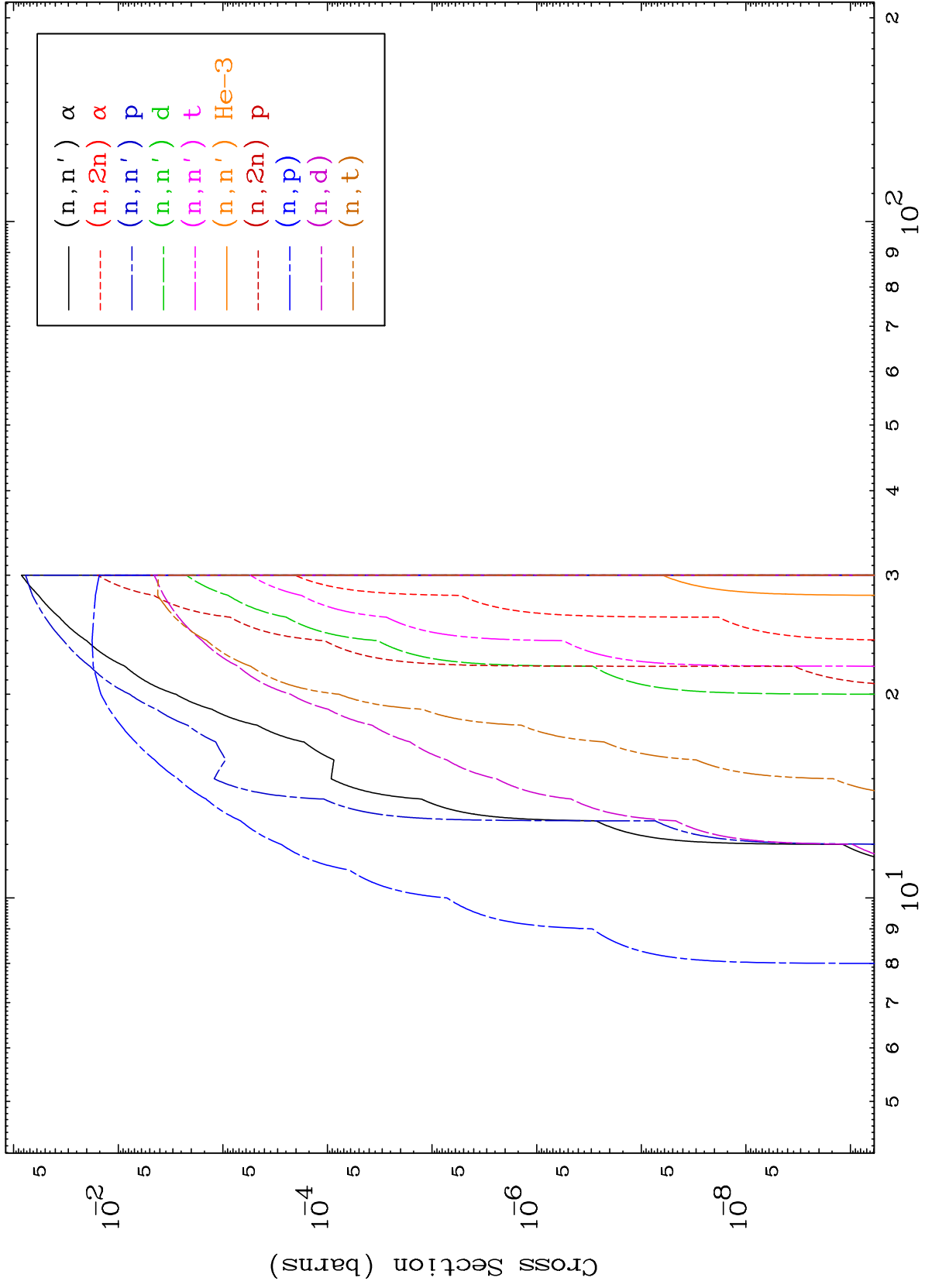
39-Y -90



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Incident Energy (MeV)

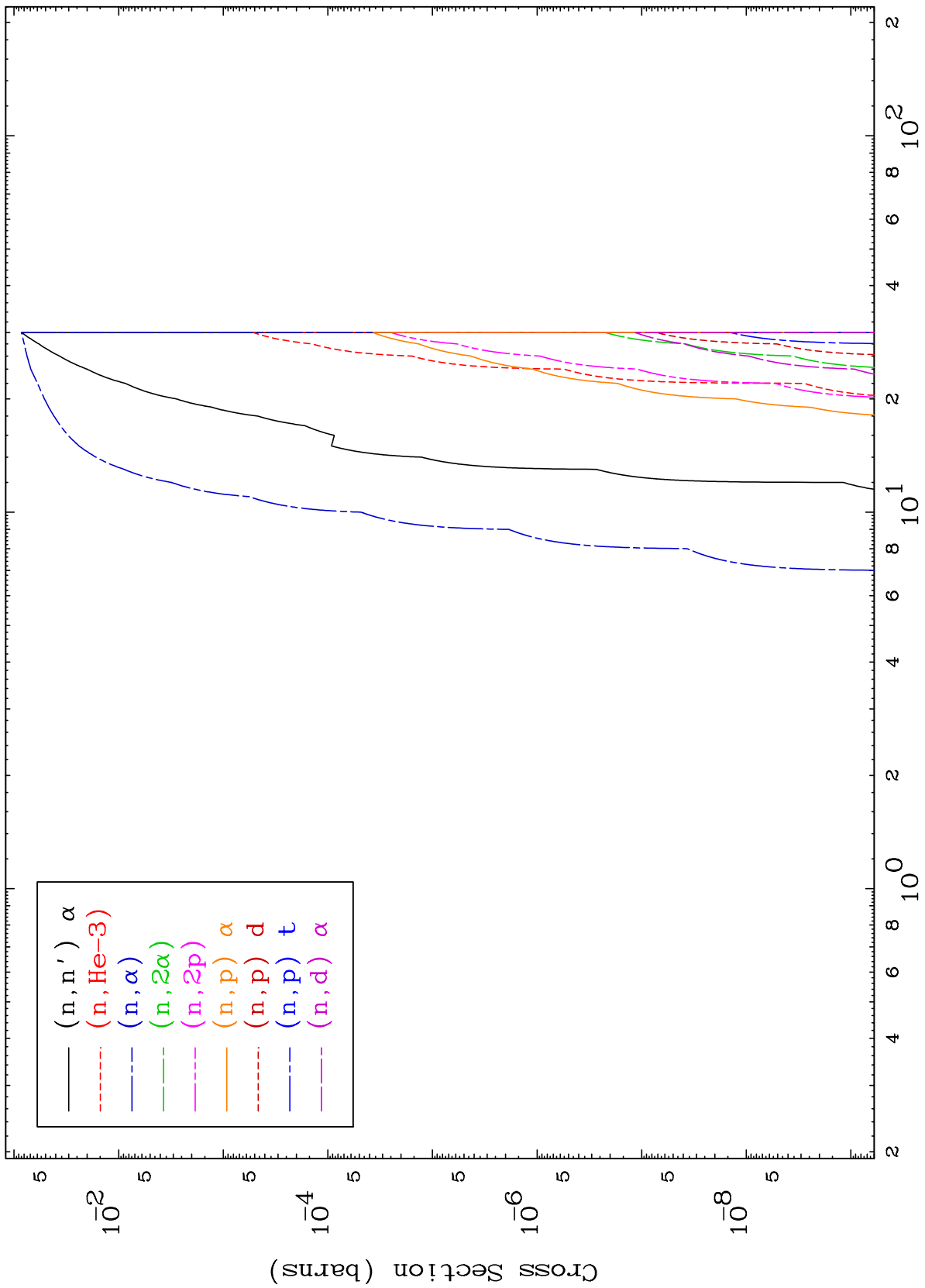
39-Y -90



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α Charged Particle
0 Kelvin Cross Sections

39-Y -90



6

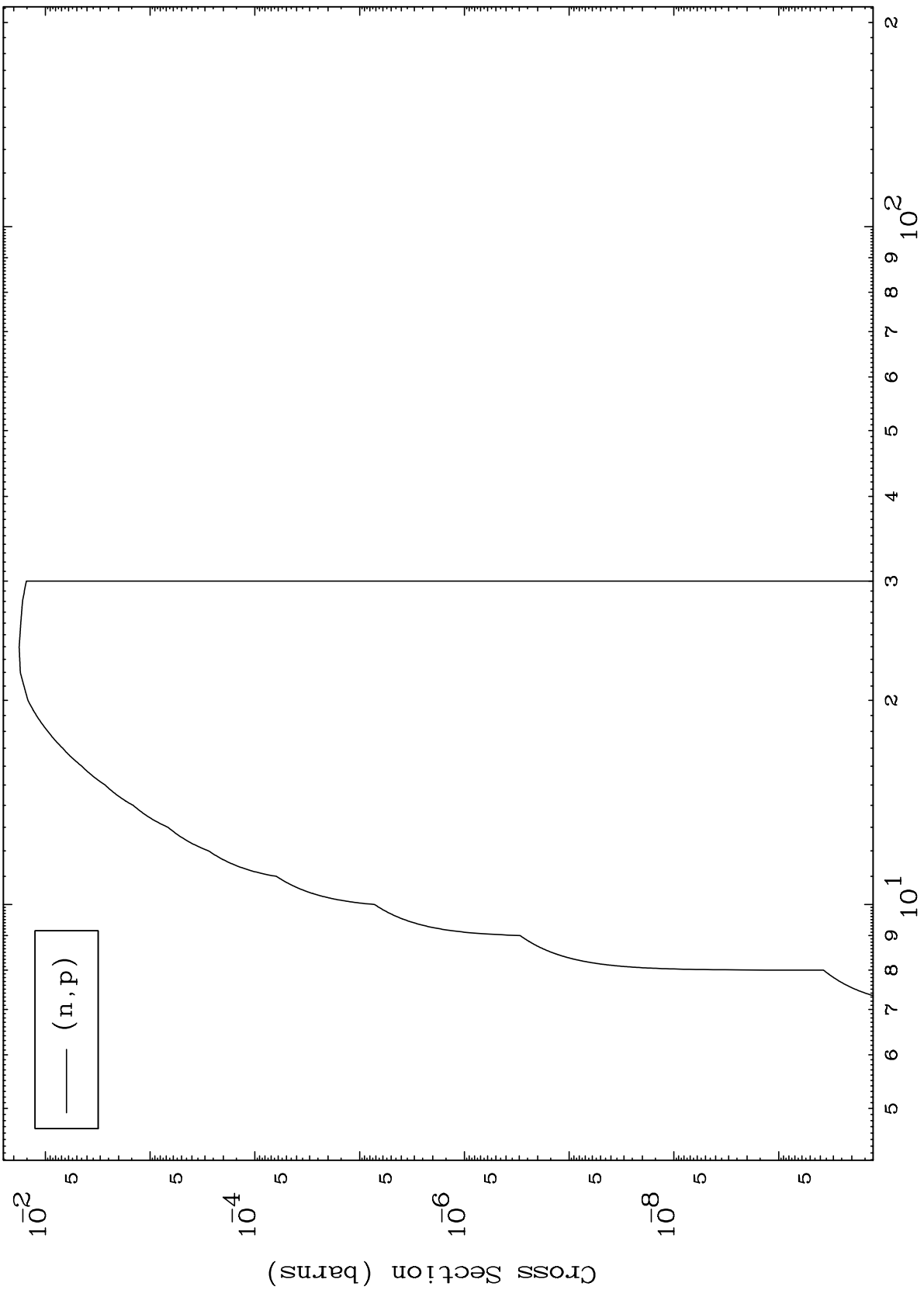
Incident Energy (MeV)

39-Y -90

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39-Y -90

(α, p) Levels
0 Kelvin Cross Sections



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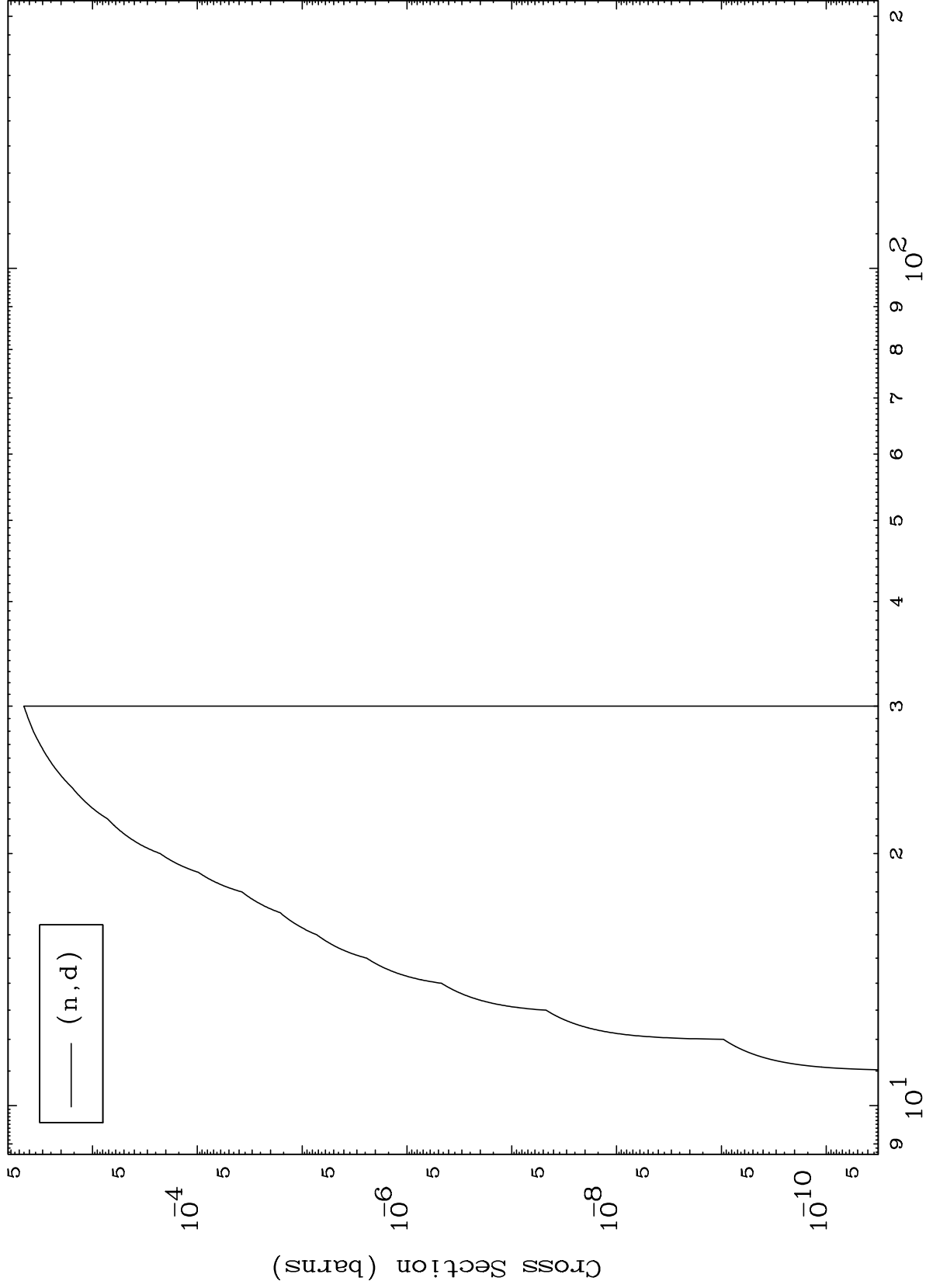
Incident Energy (MeV)

39-Y -90

MAT 3928

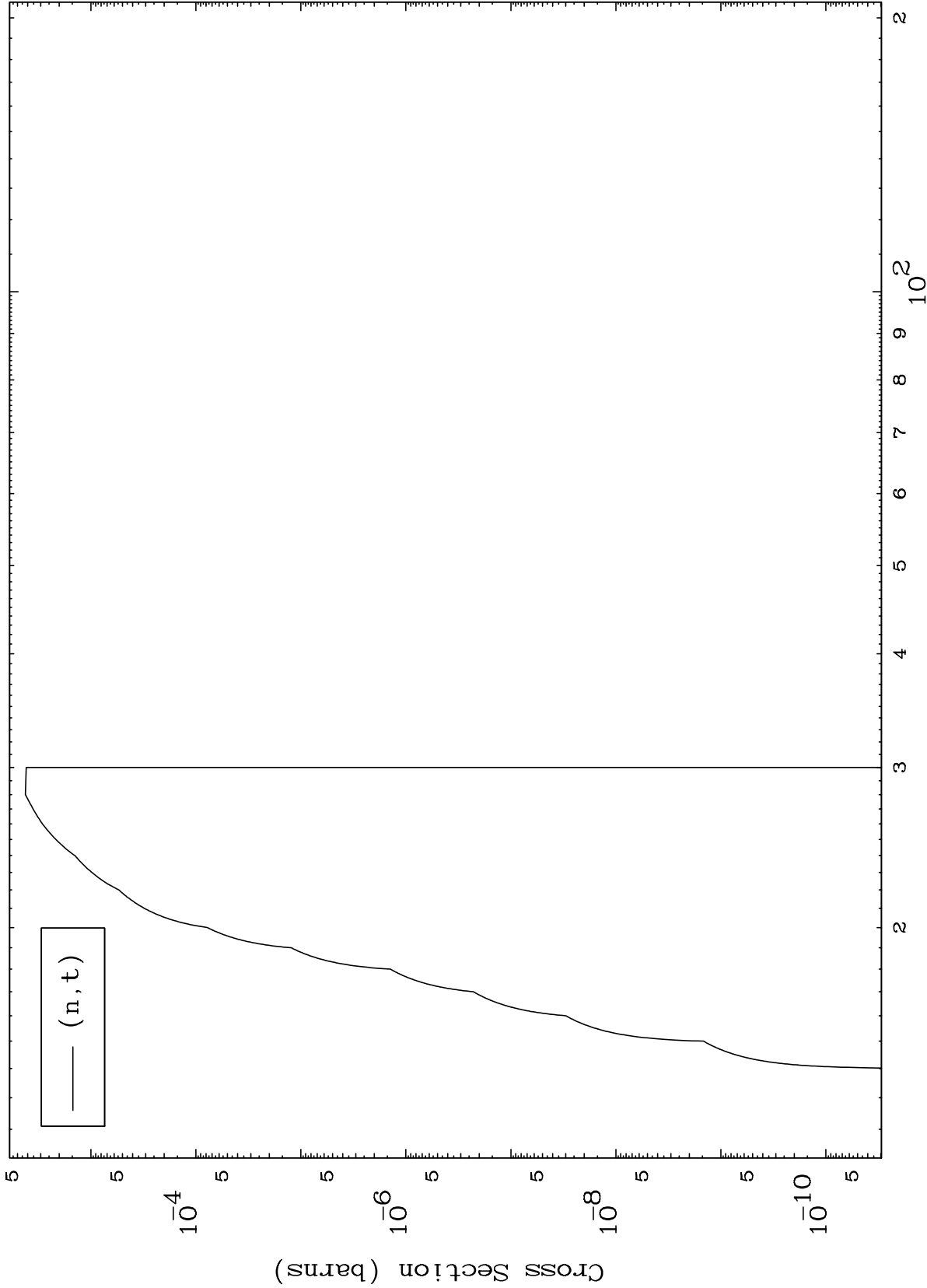
(α, d) Levels
0 Kelvin Cross Sections

39-Y -90



Incident Energy (MeV)

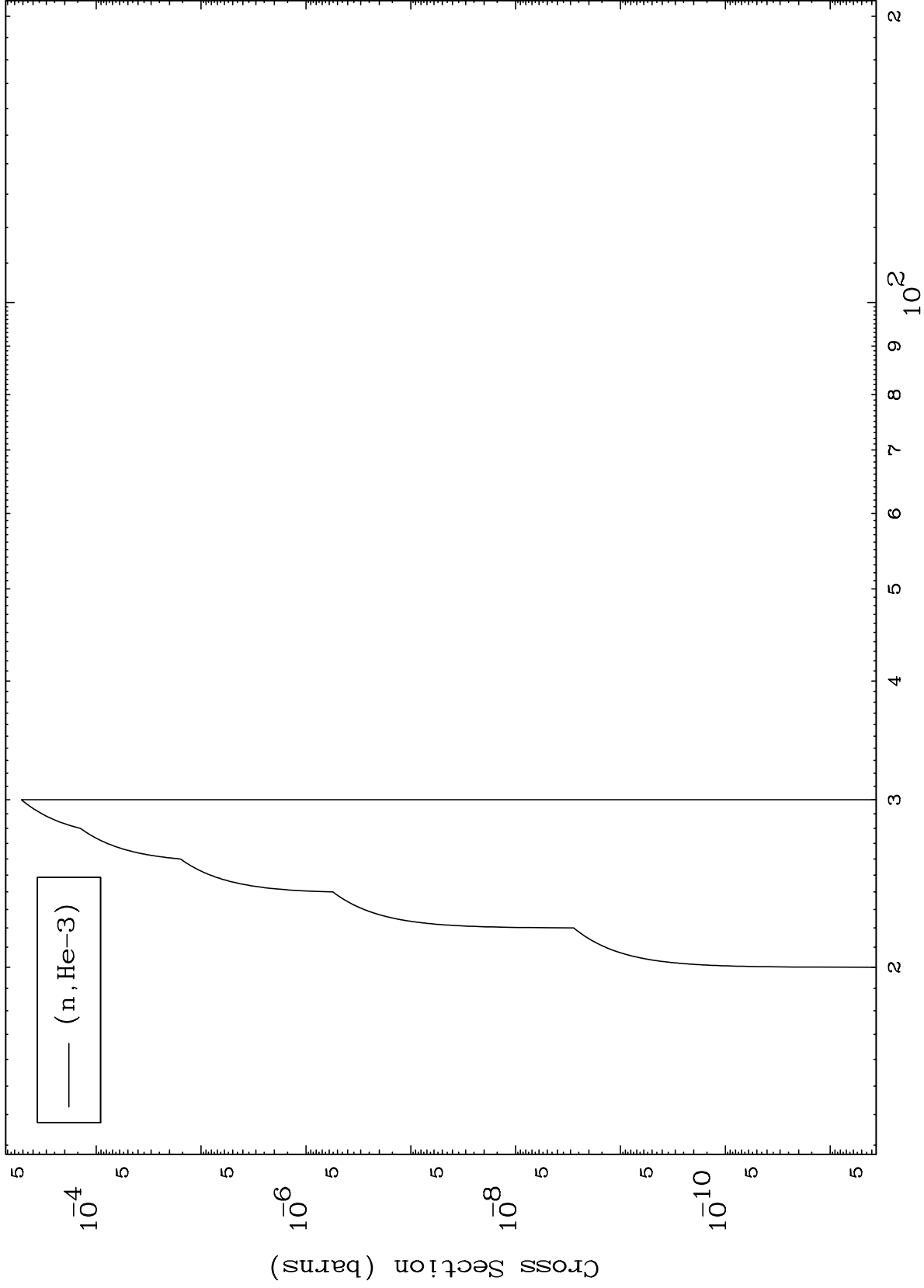
39-Y -90



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

39-Y -90



10

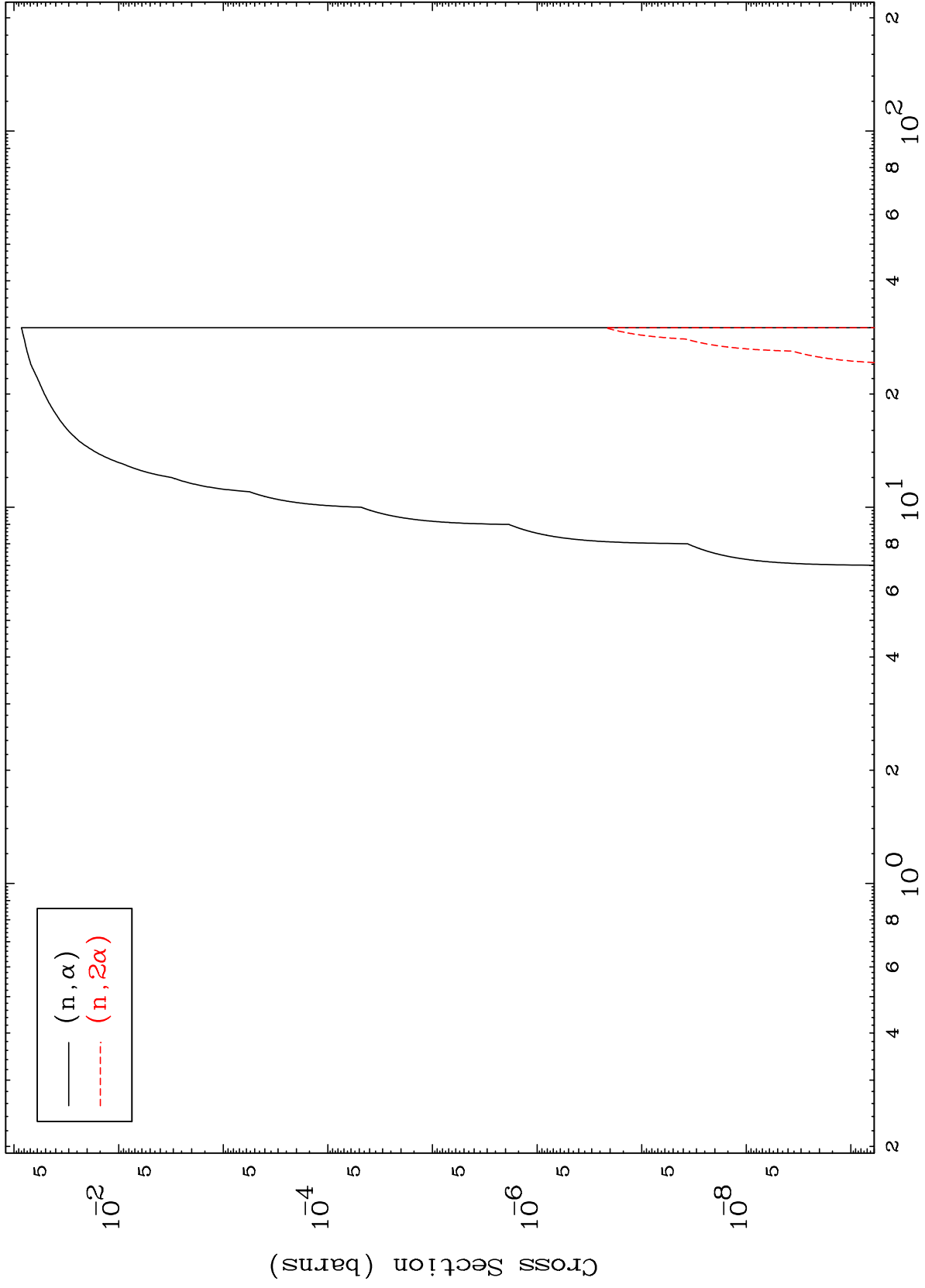
Incident Energy (MeV)

39-Y -90

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(α, α) Levels
0 Kelvin Cross Sections

39-Y -90



11

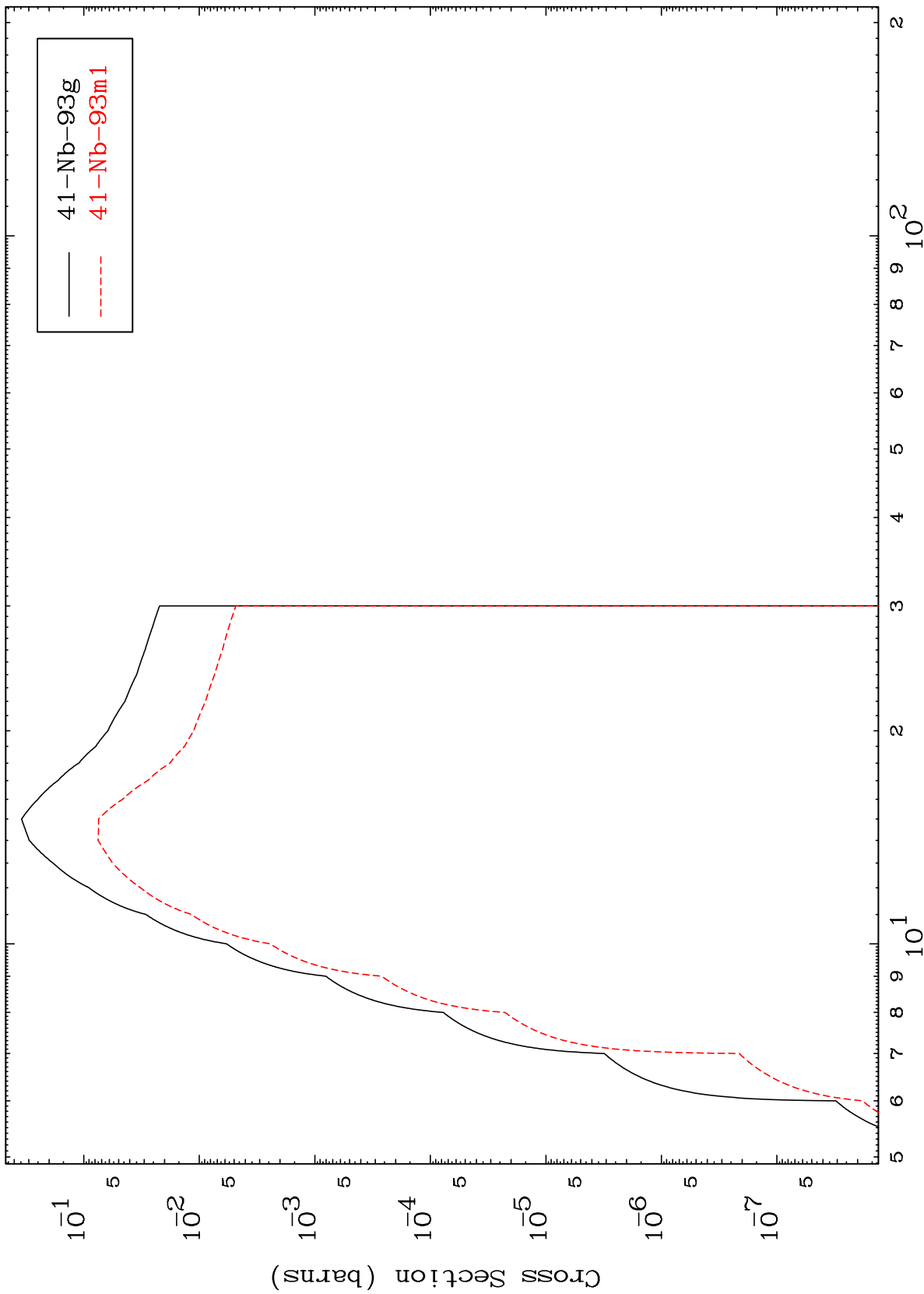
Incident Energy (MeV)

39-Y -90

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39-Y -90

Inelastic Radionuclide Production Cross Section

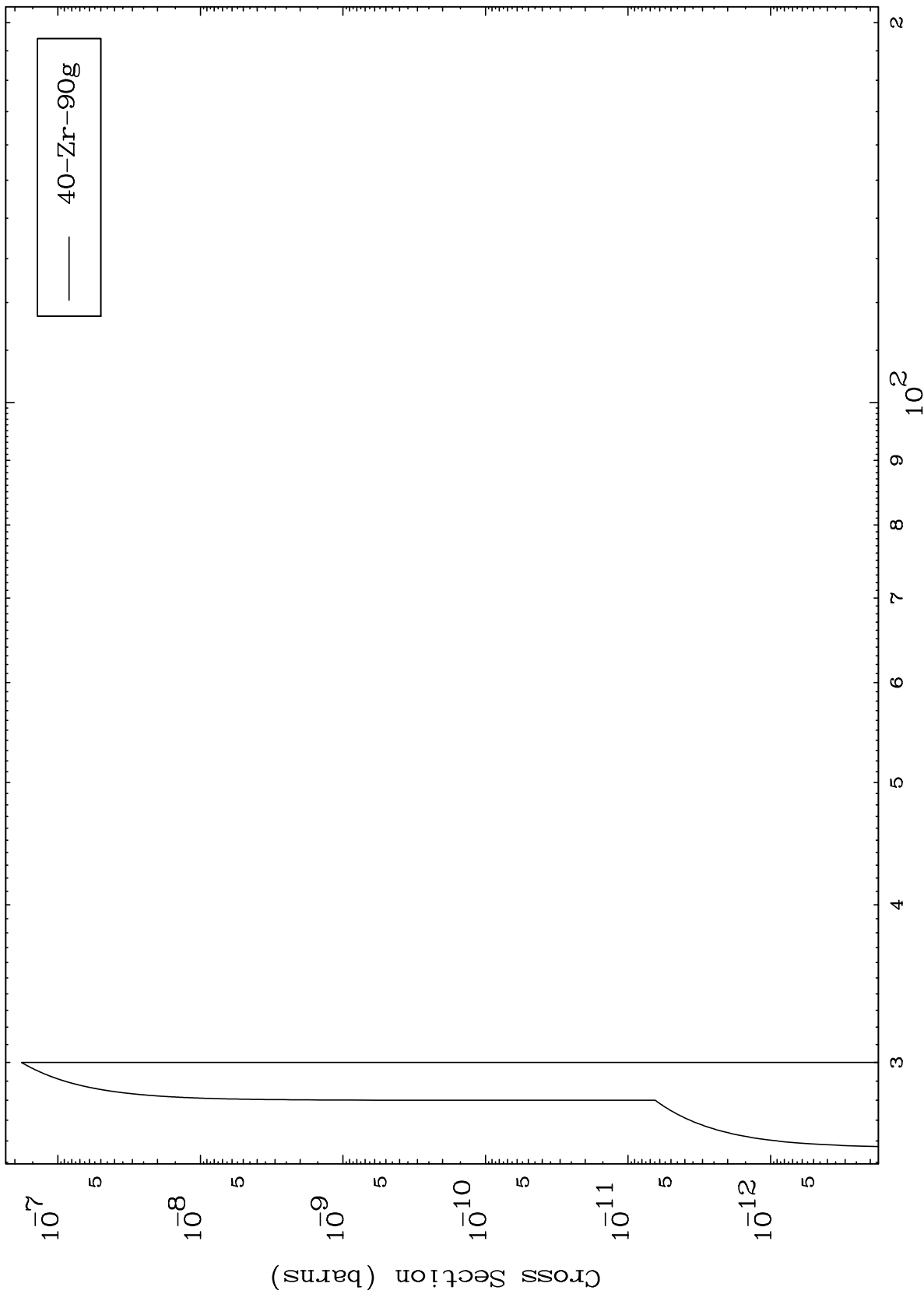


39-Y -90

Incident Energy (MeV)

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Radionuclide Production Cross Section

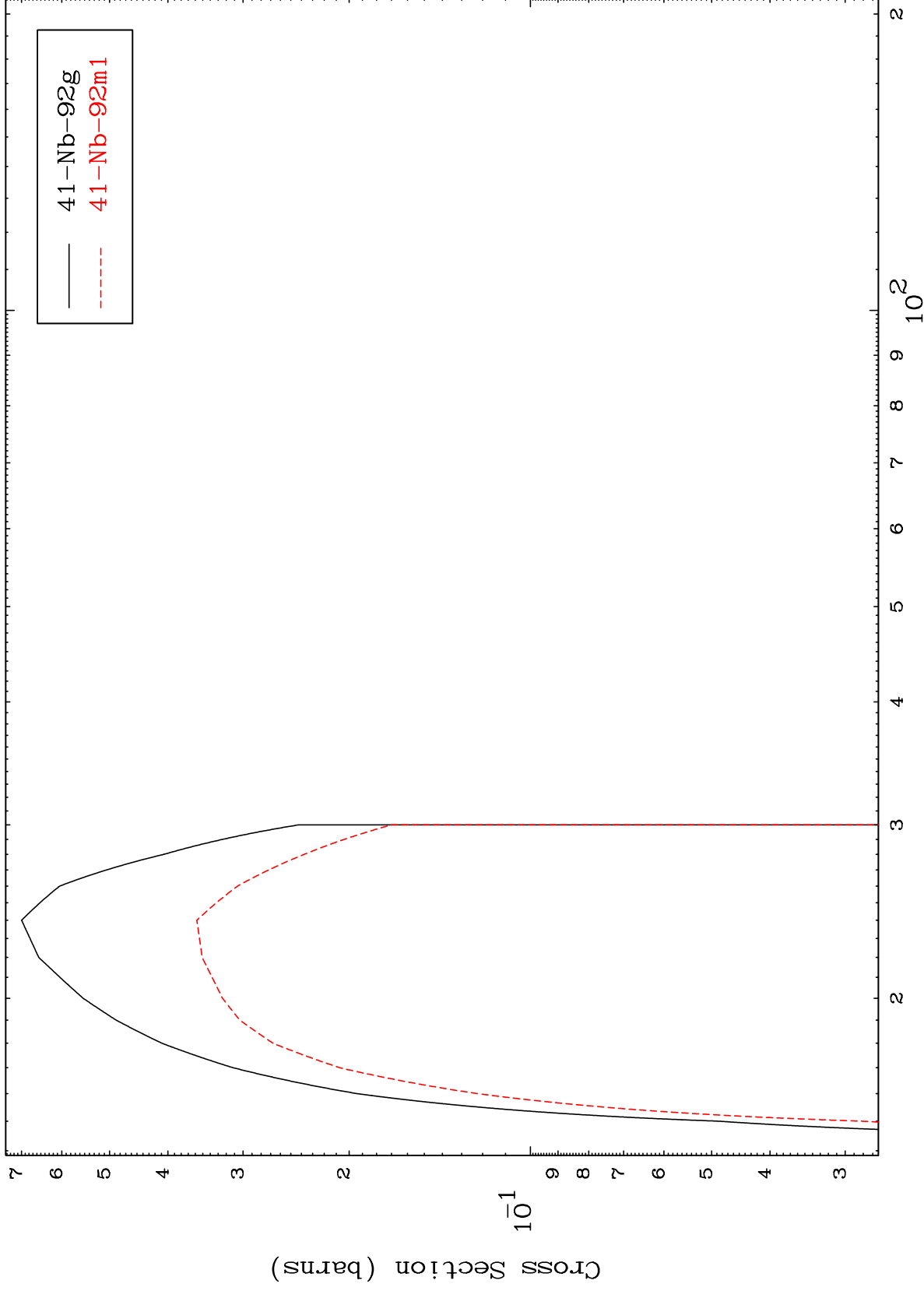


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(n,2n)

39-Y -90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

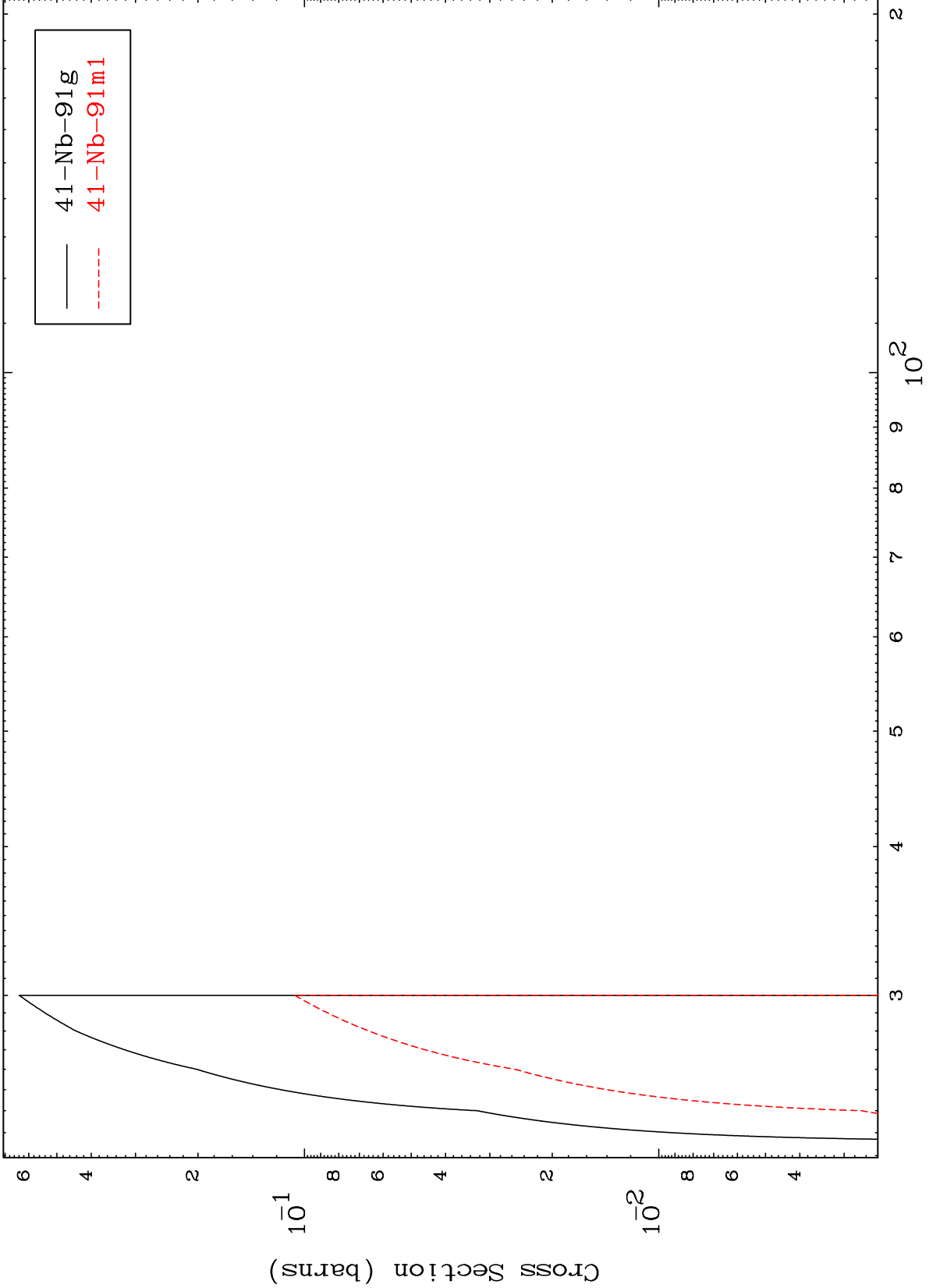
39-Y -90

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(n,3n)

39-Y -90

Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

15

Incident Energy (MeV)

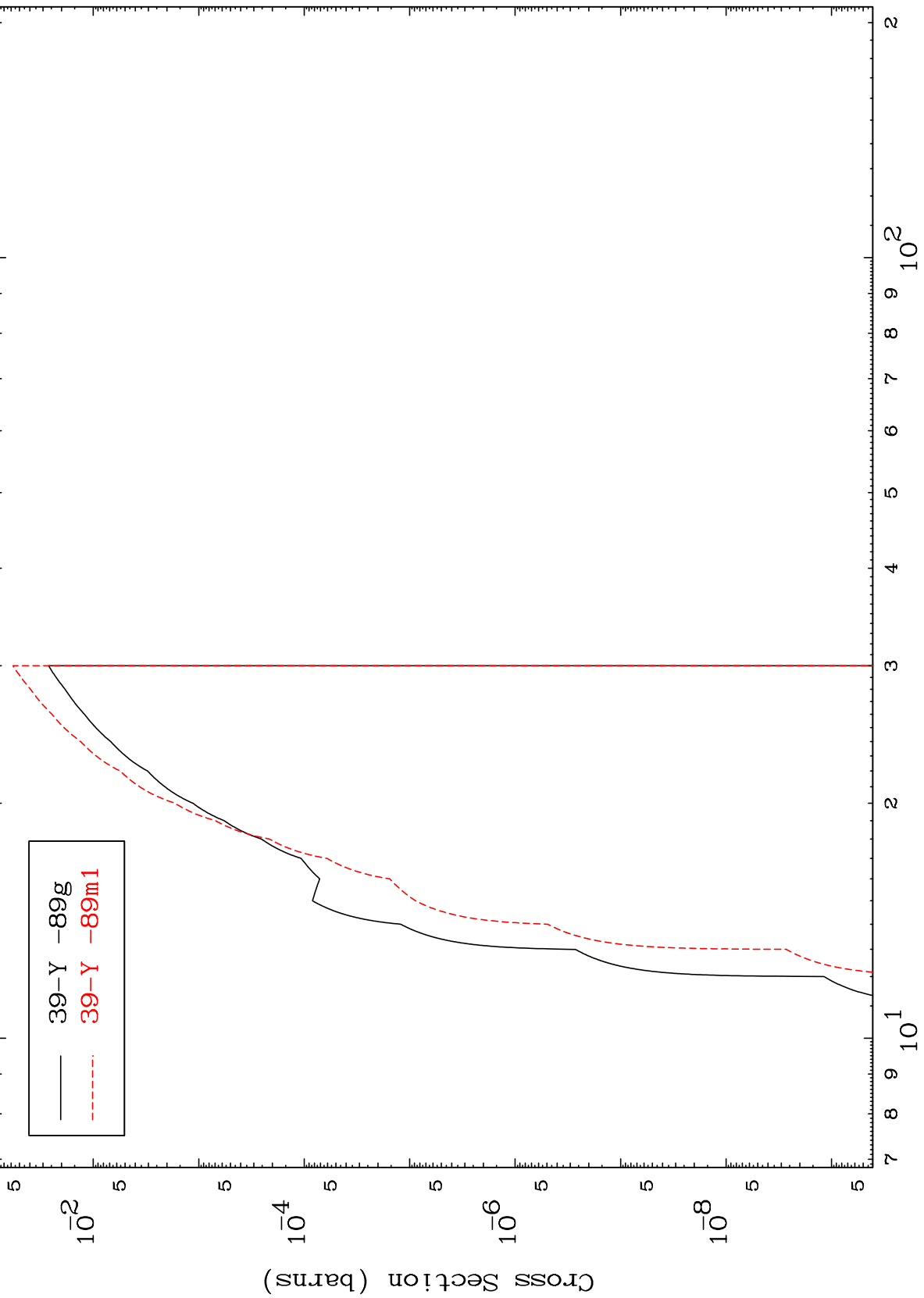
39-Y -90

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$(n, n') \alpha$

39-Y -90

Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

16

Incident Energy (MeV)

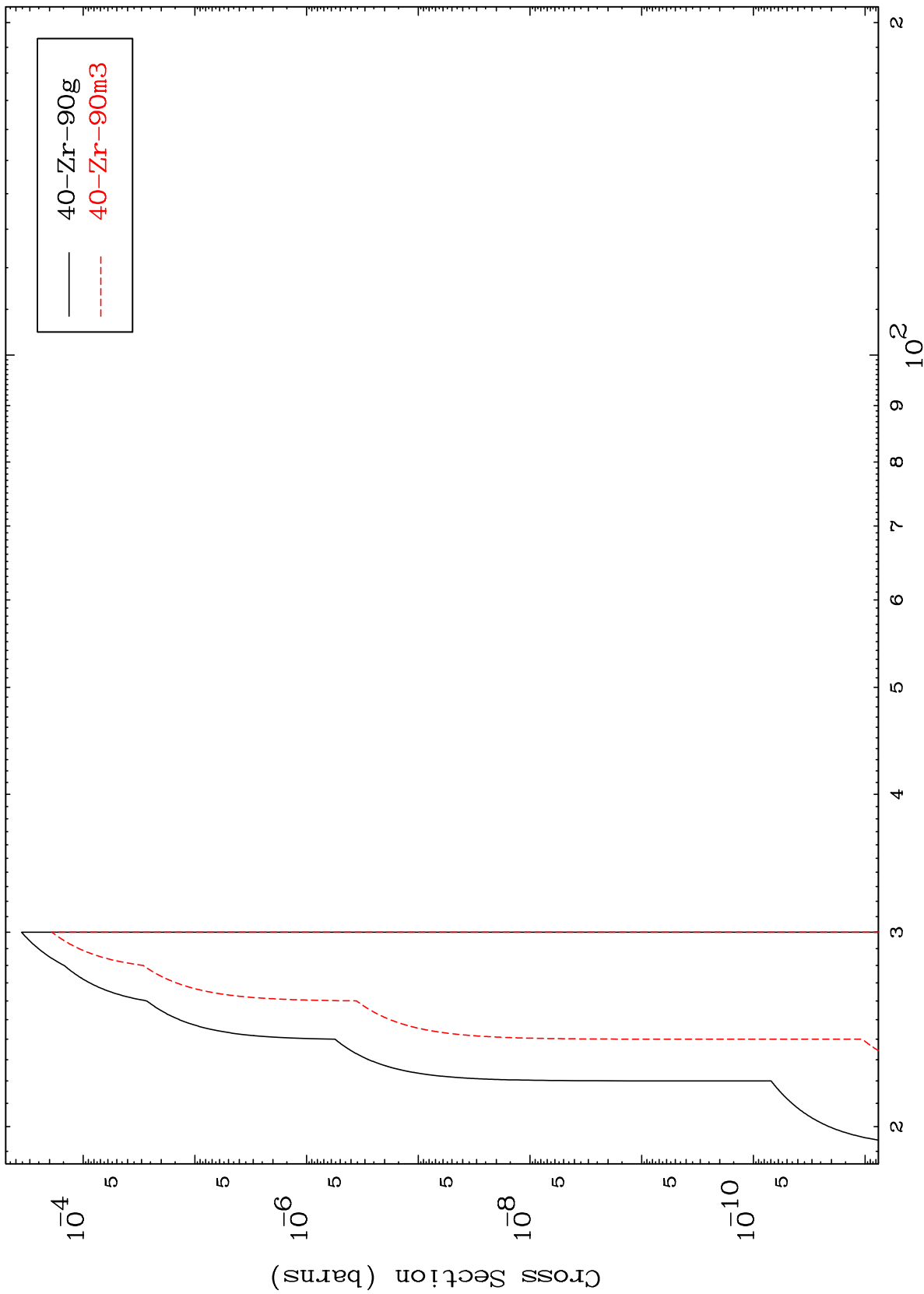
39-Y -90

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(n,n') t

39-Y -90

Radionuclide Production Cross Section

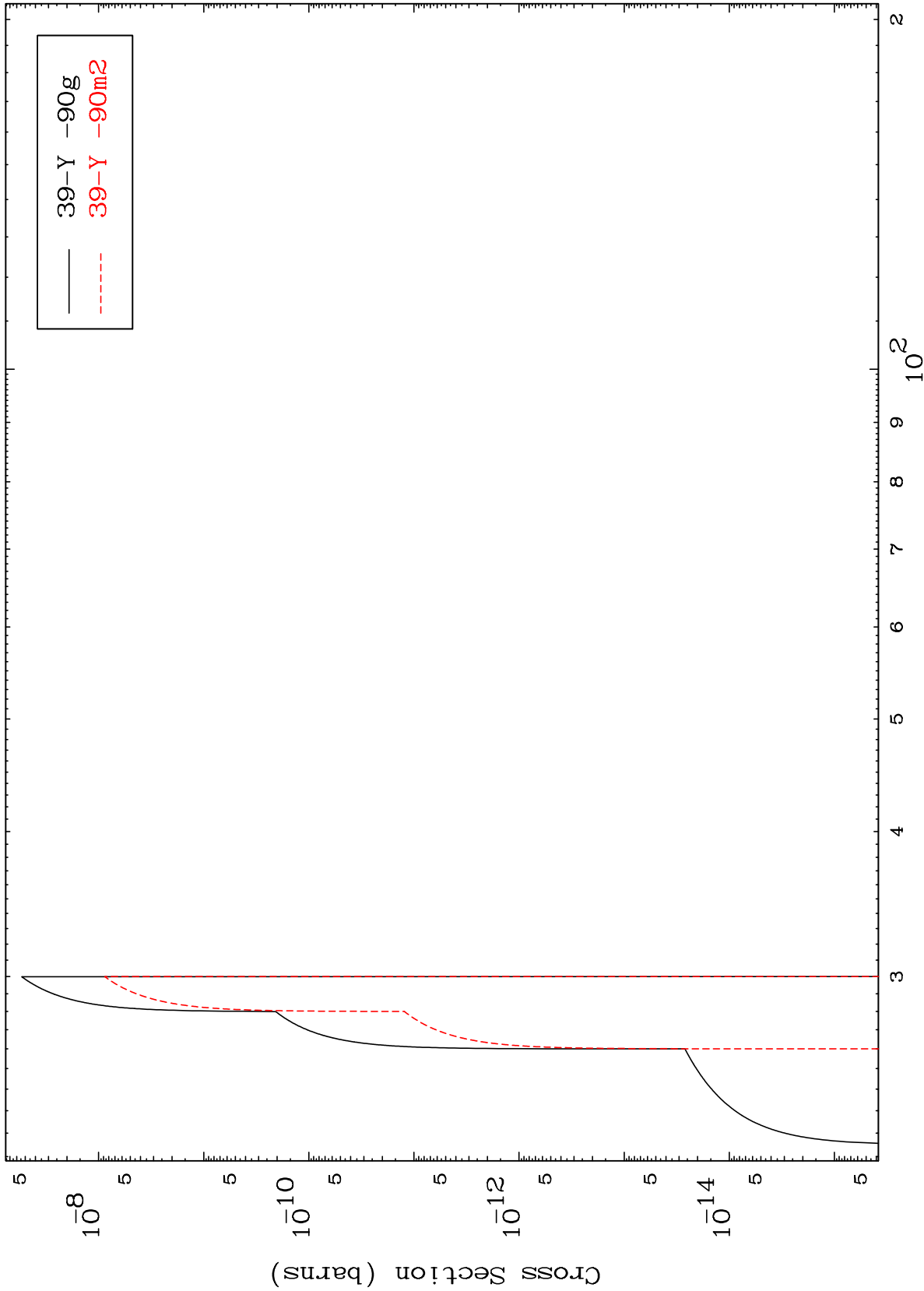


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Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section

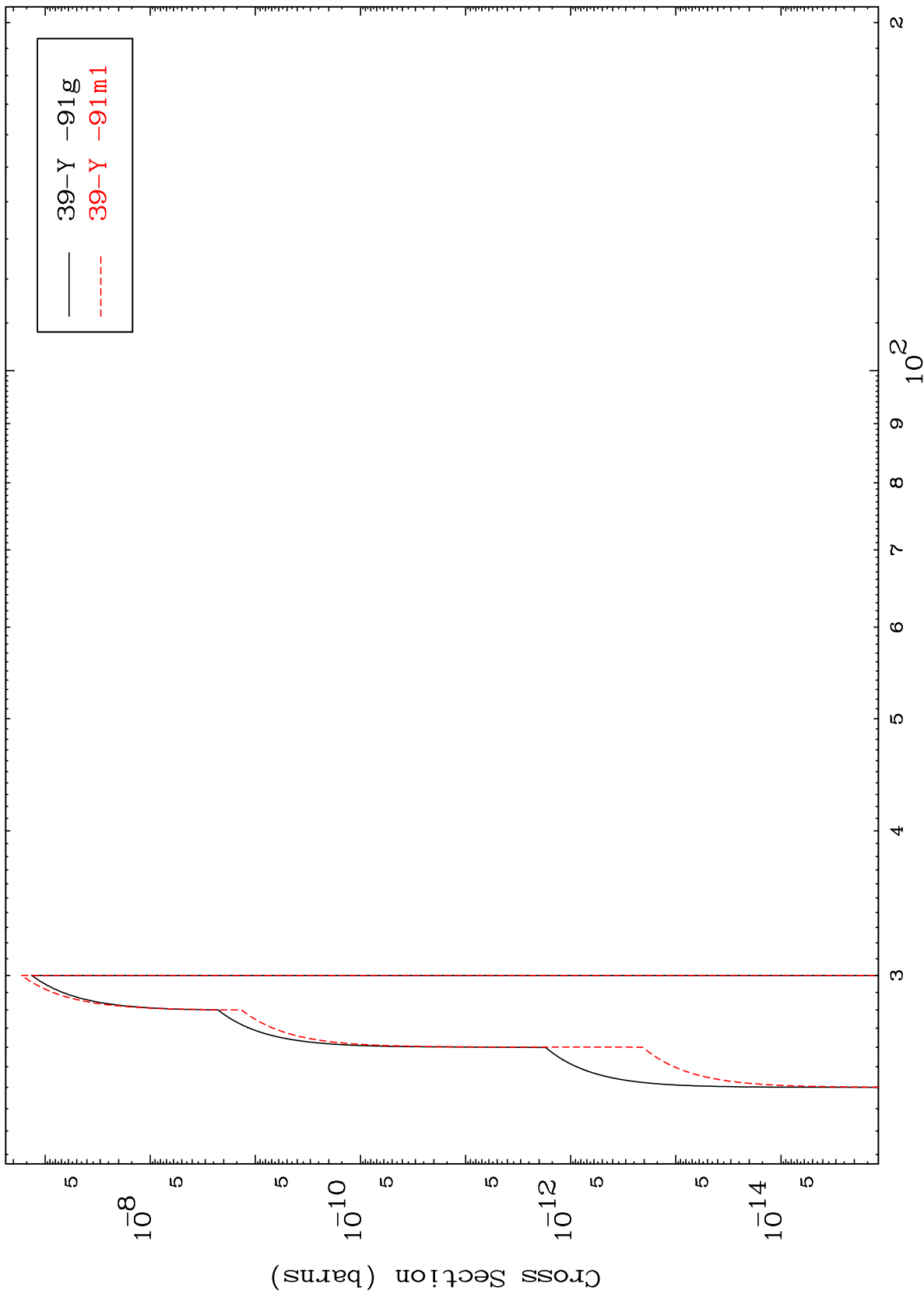


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(n,2n) p

39-Y -90

Radionuclide Production Cross Section



39-Y -91g
39-Y -91m1

19

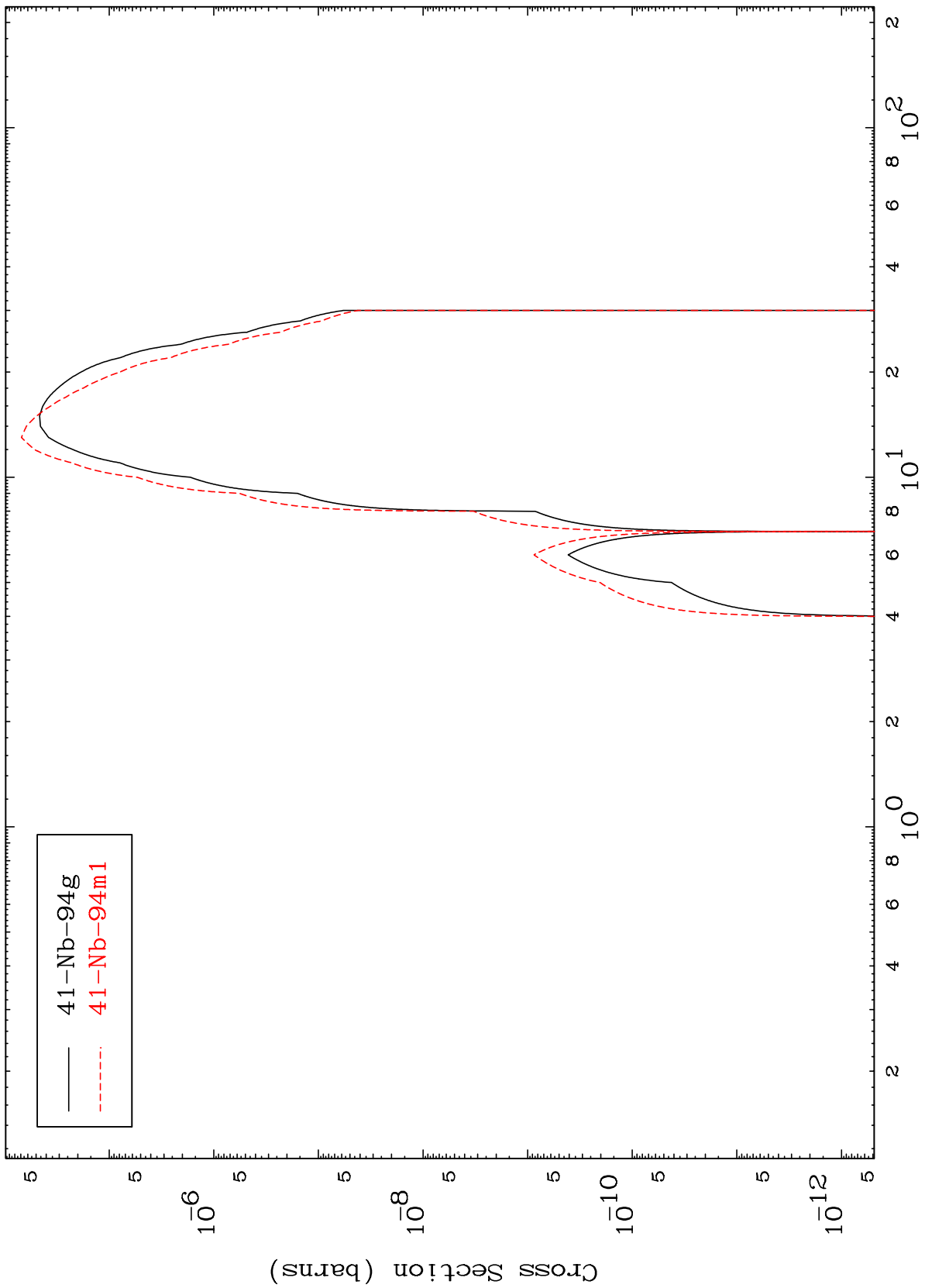
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section
(n, γ)



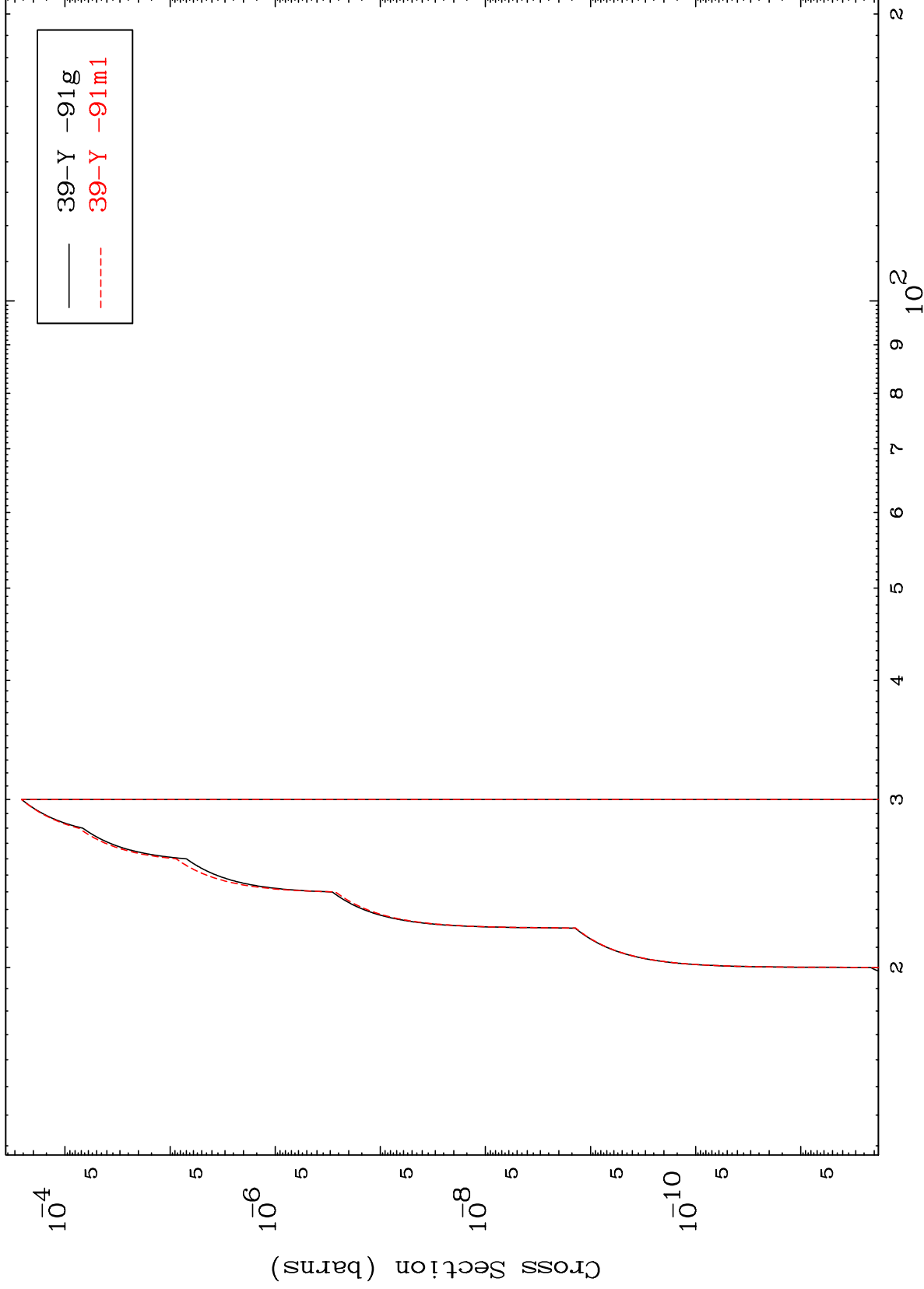
— 41-Nb-94g
- - - 41-Nb-94m1

20

Incident Energy (MeV)

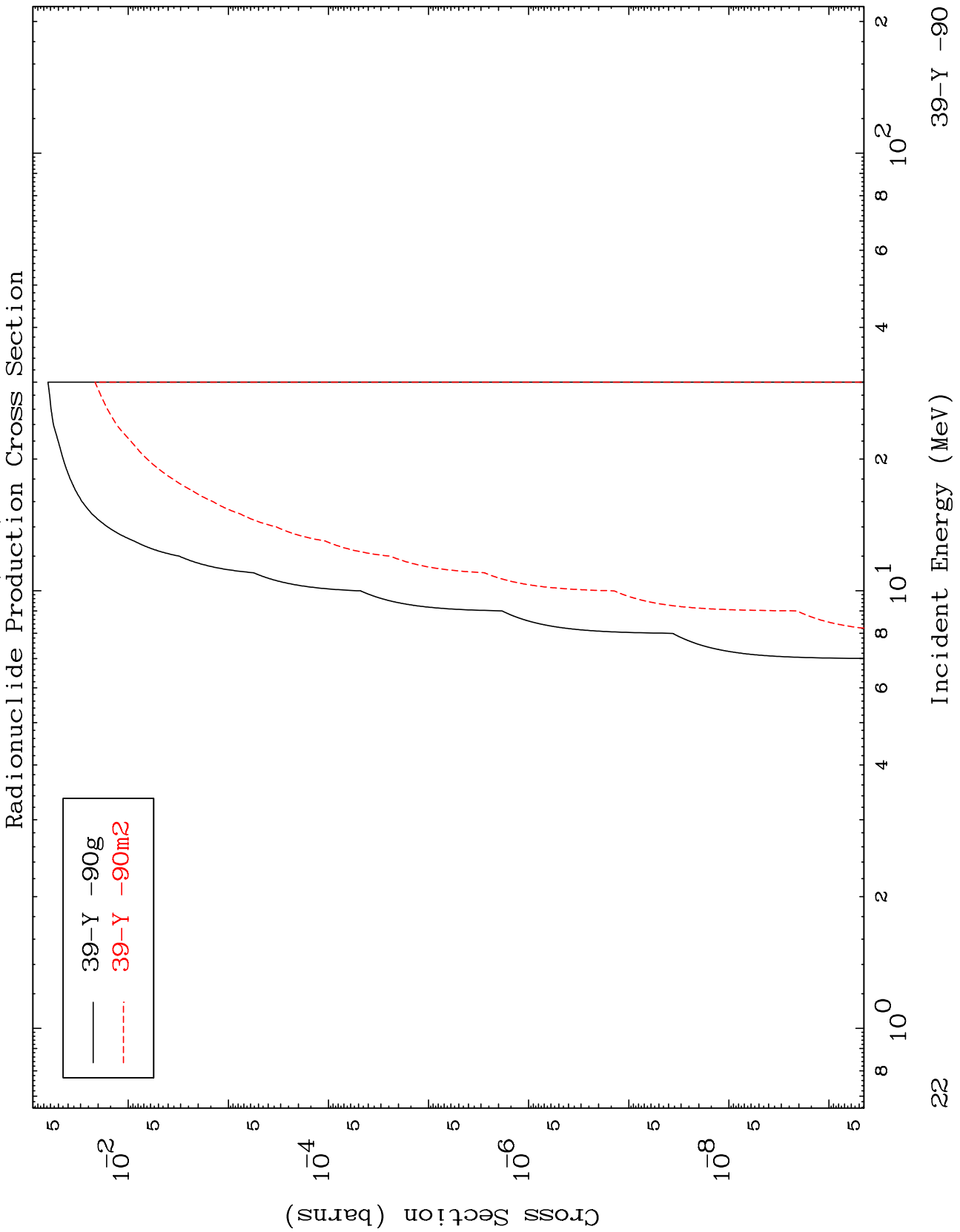
39-Y -90

Radionuclide Production Cross Section



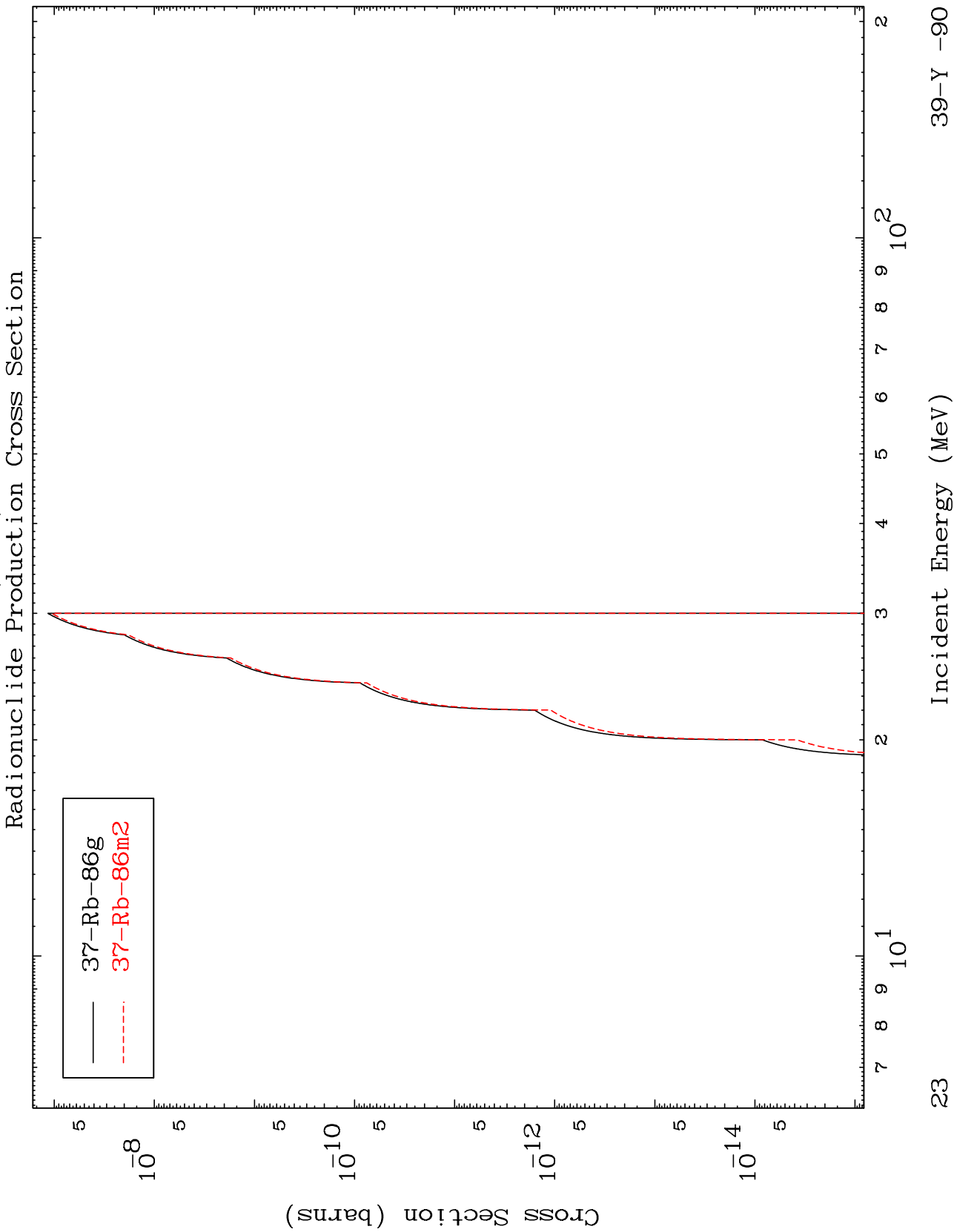
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39-Y -90



MAT 3928

39-Y -90

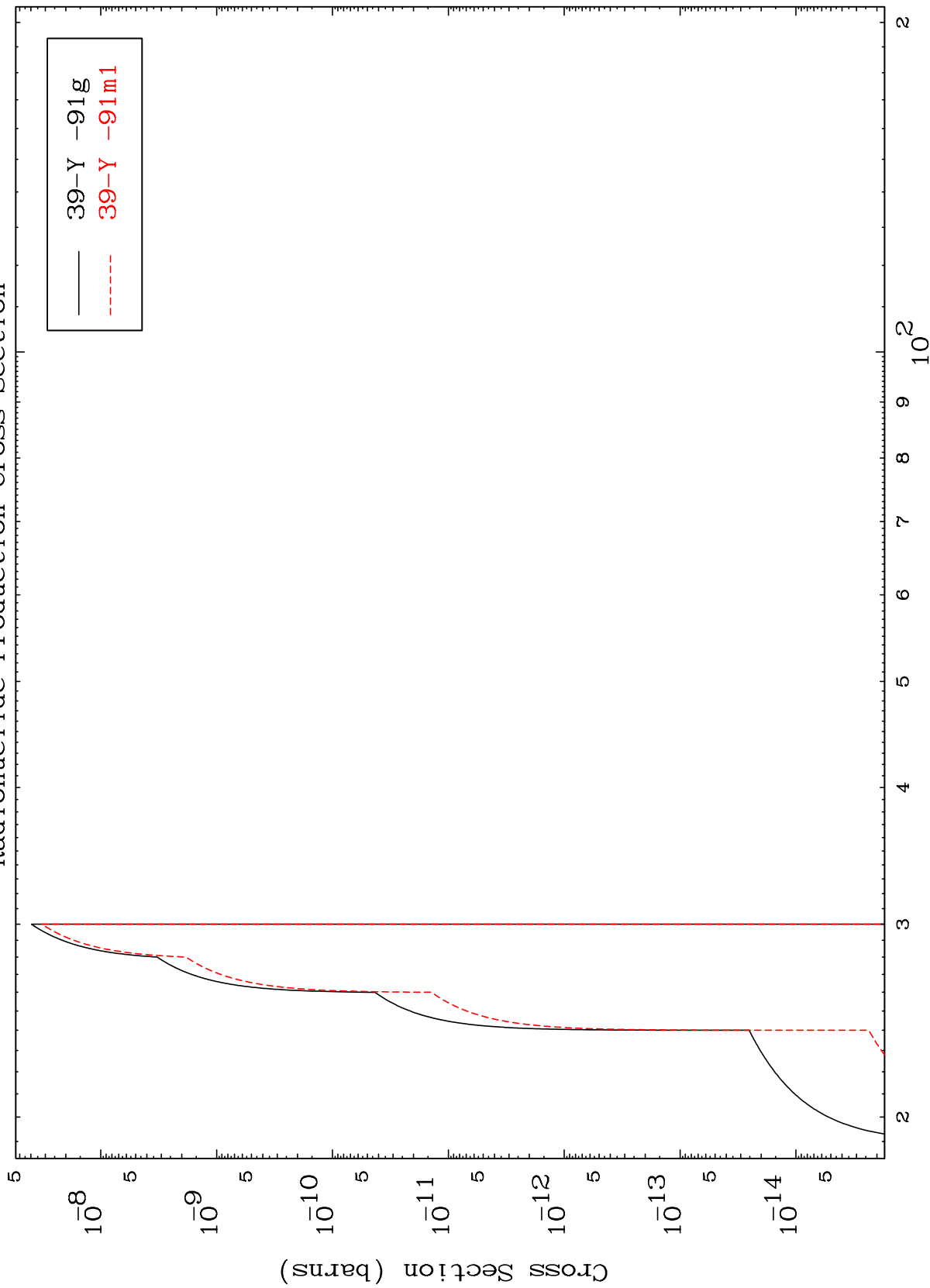


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(n,p) d

39-Y -90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

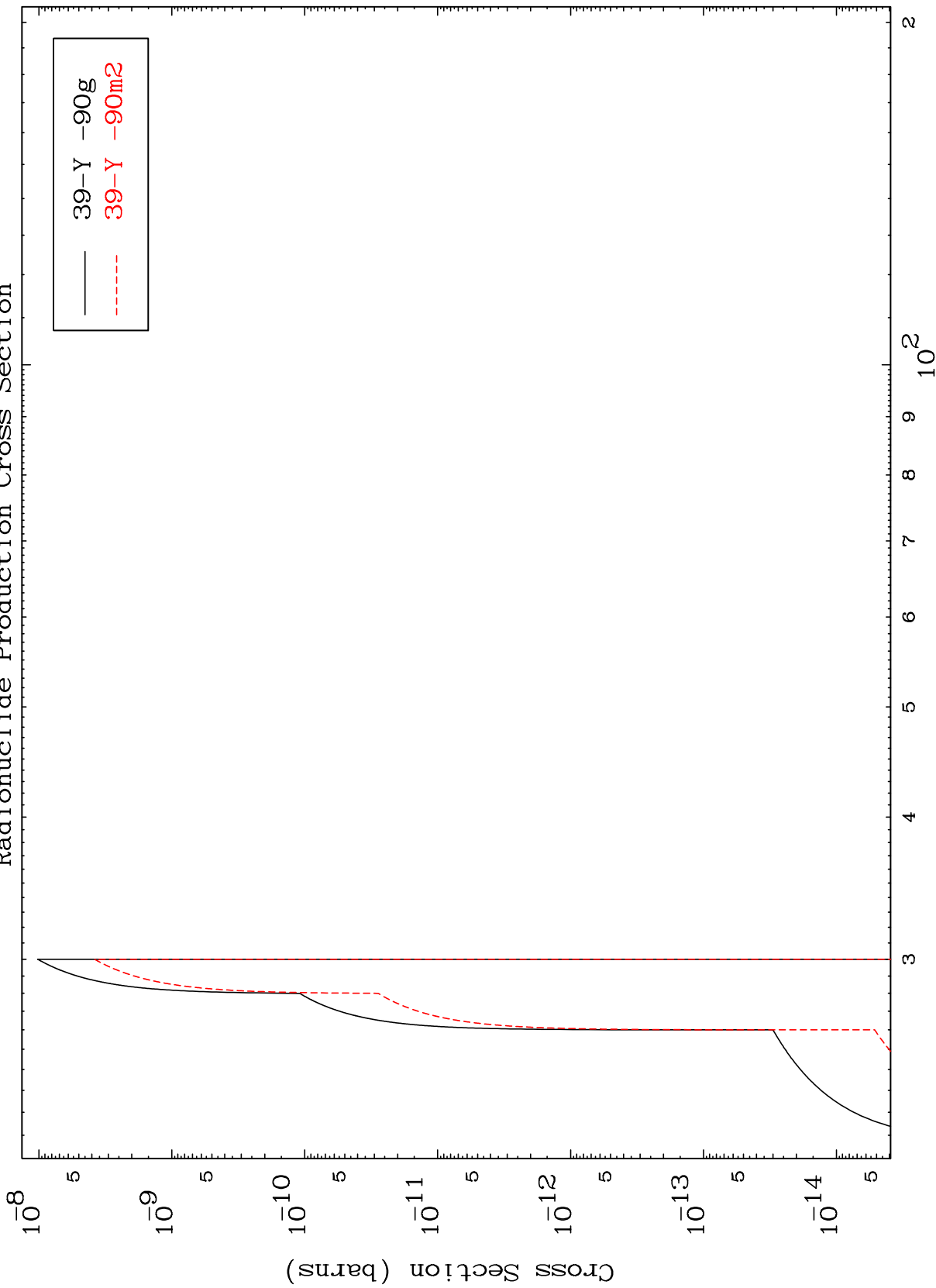
39-Y -90

MAT 3928

(n,p) t

39-Y -90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -90