

Program EVALPLOT
(Version 2021-1)

by

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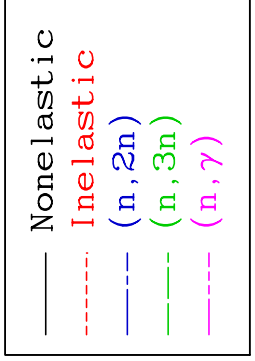
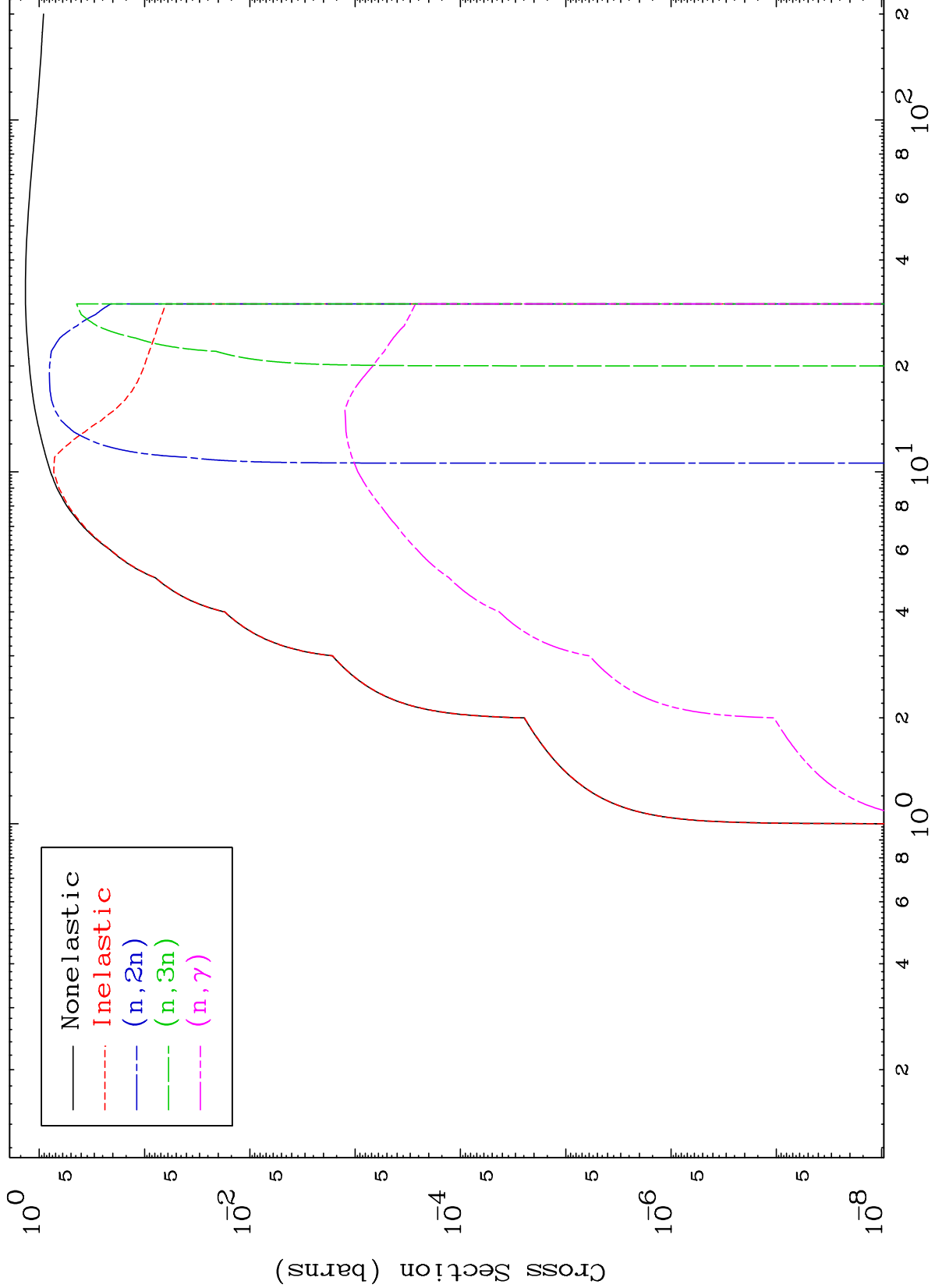
Press Mouse Button to Start

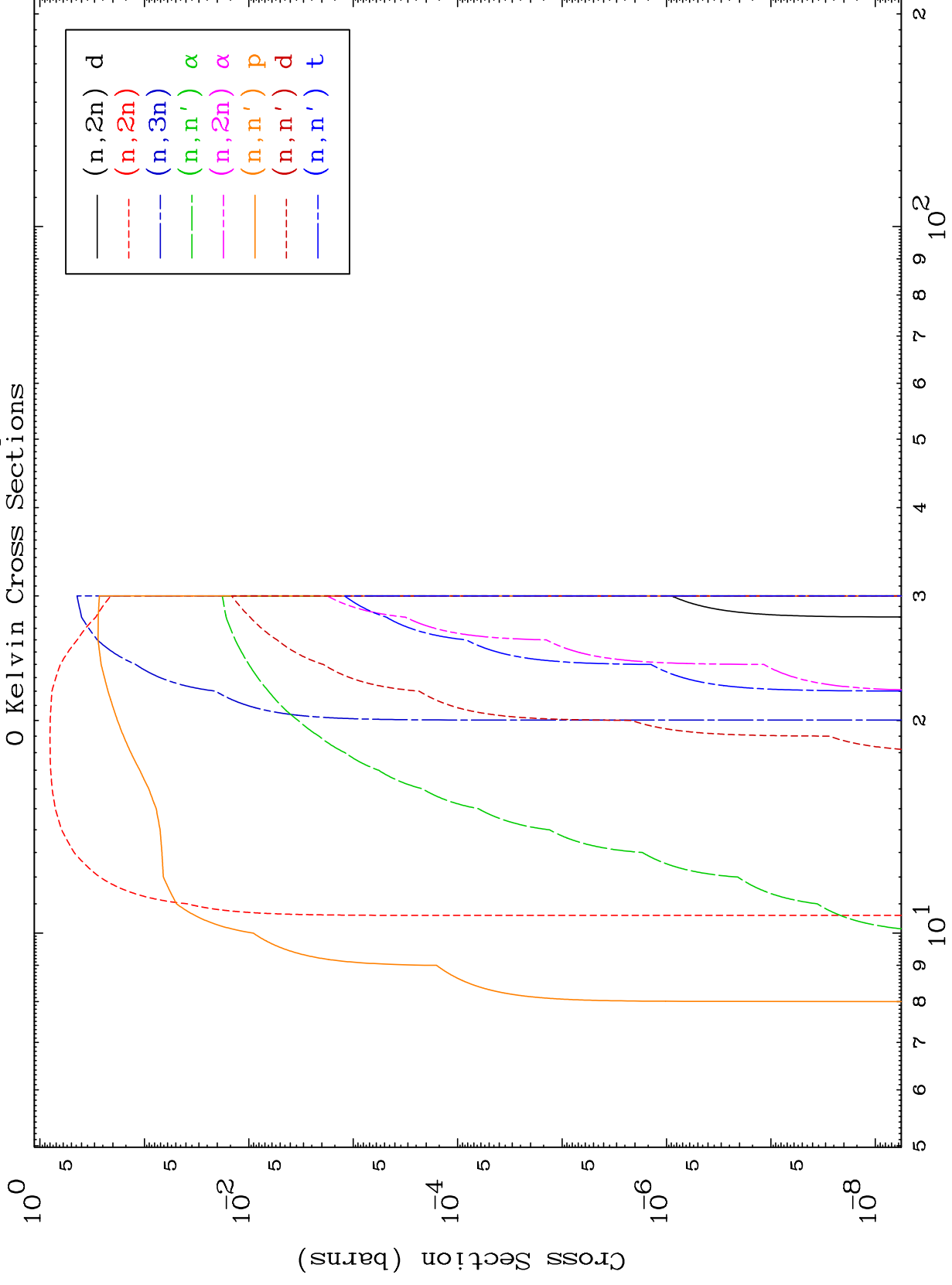
MAT 3928

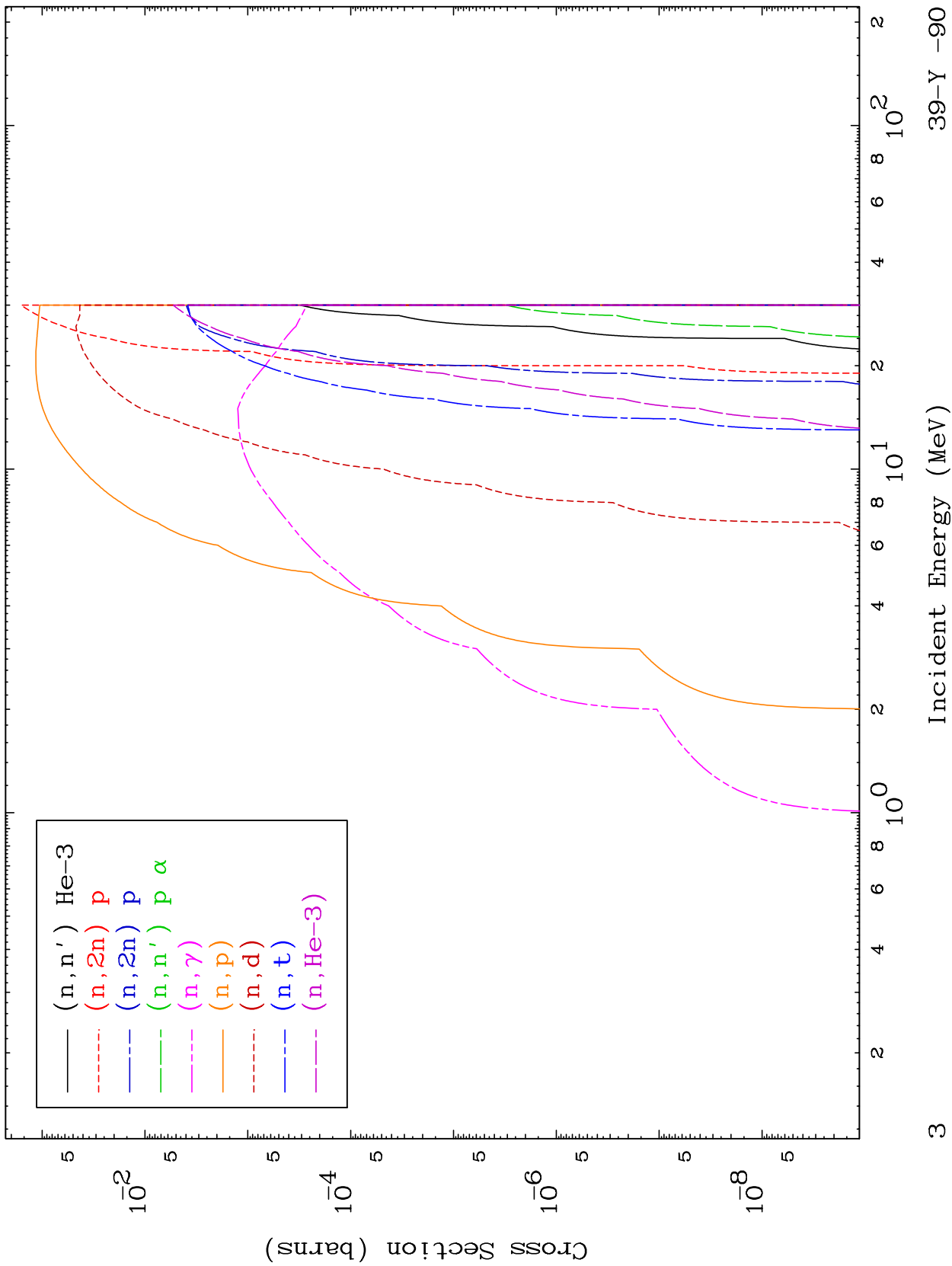
Proton Major

39-Y -90

0 Kelvin Cross Sections



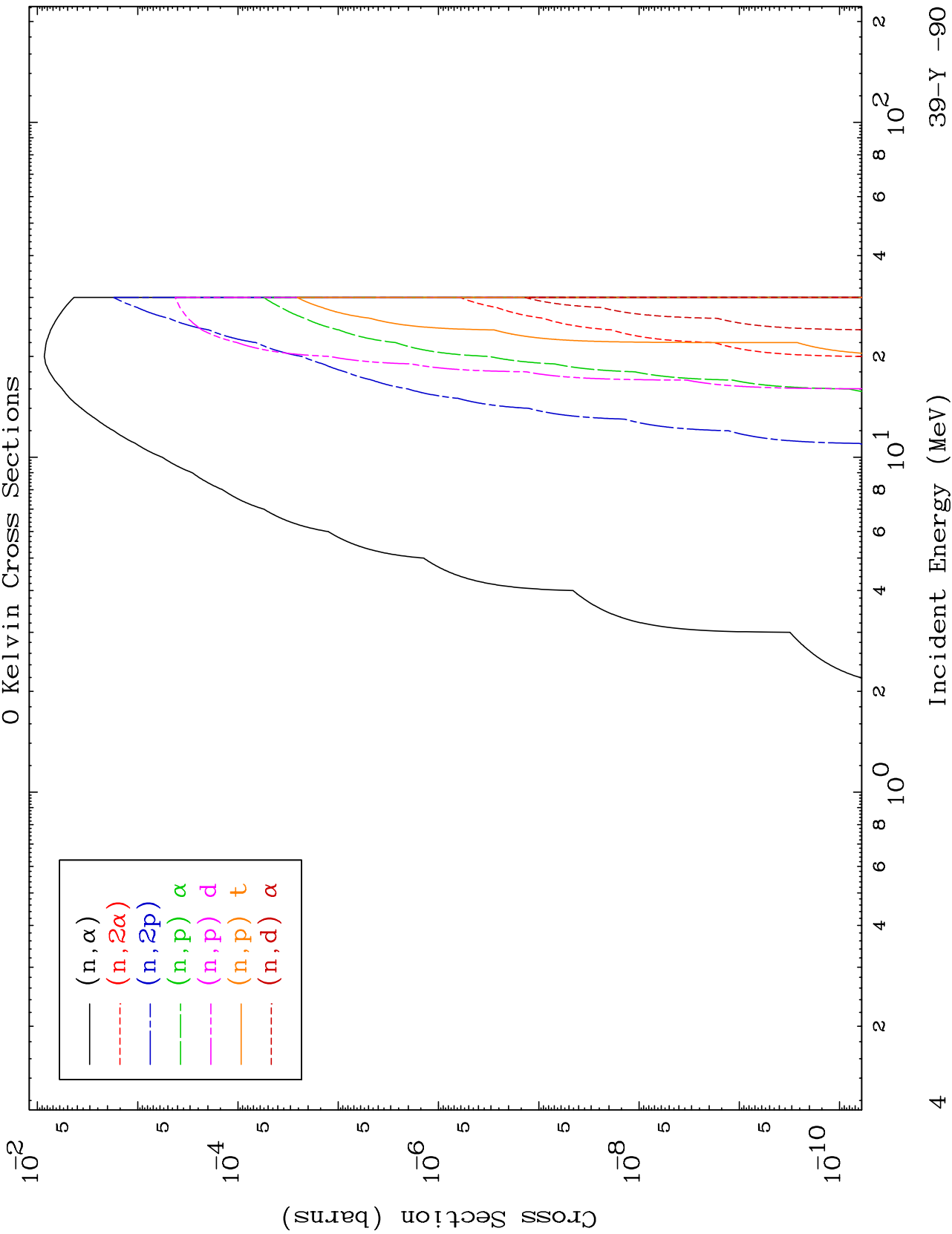


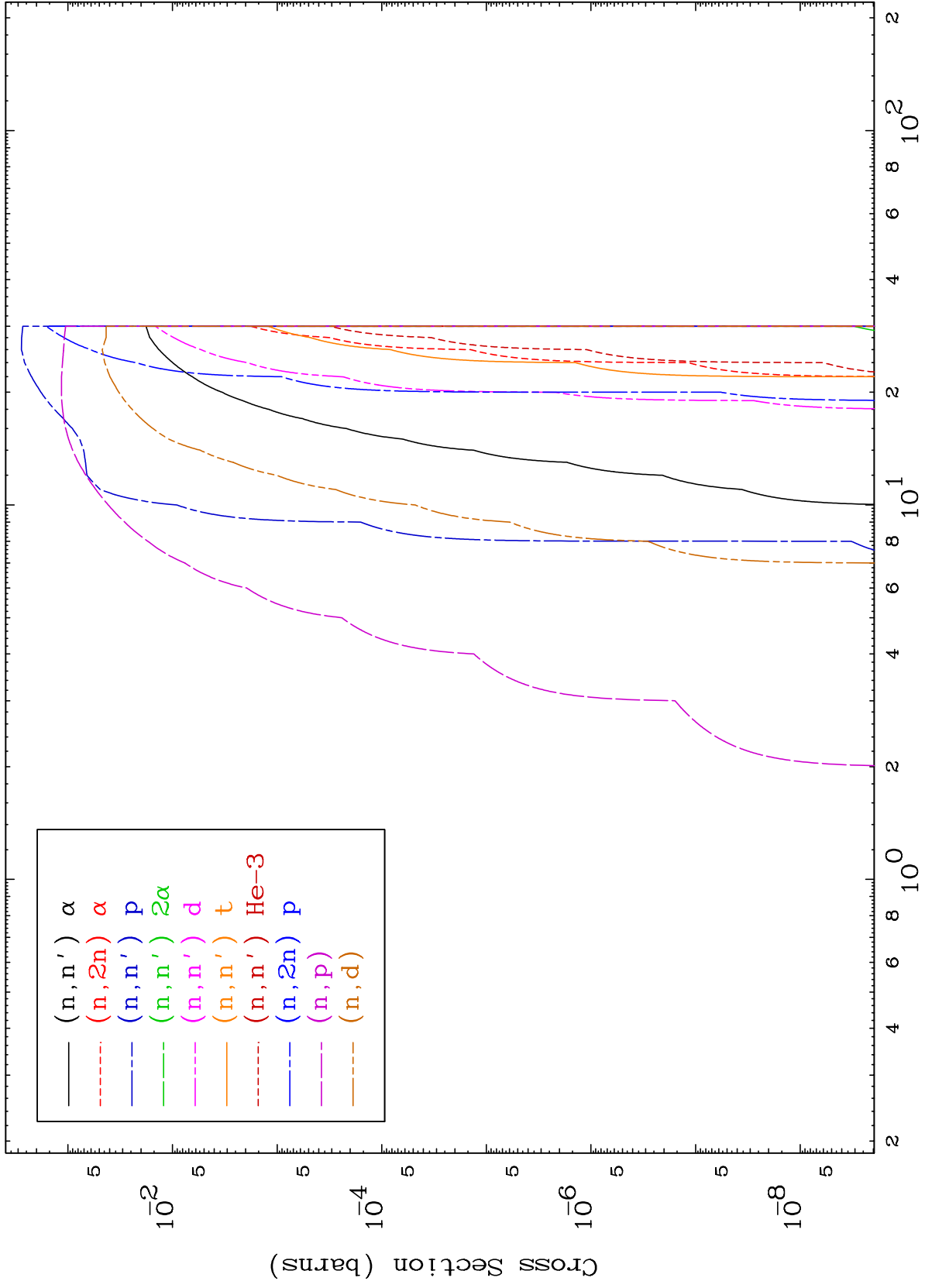


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Proton Neutron Absorption
0 Kelvin Cross Sections

39-Y -90

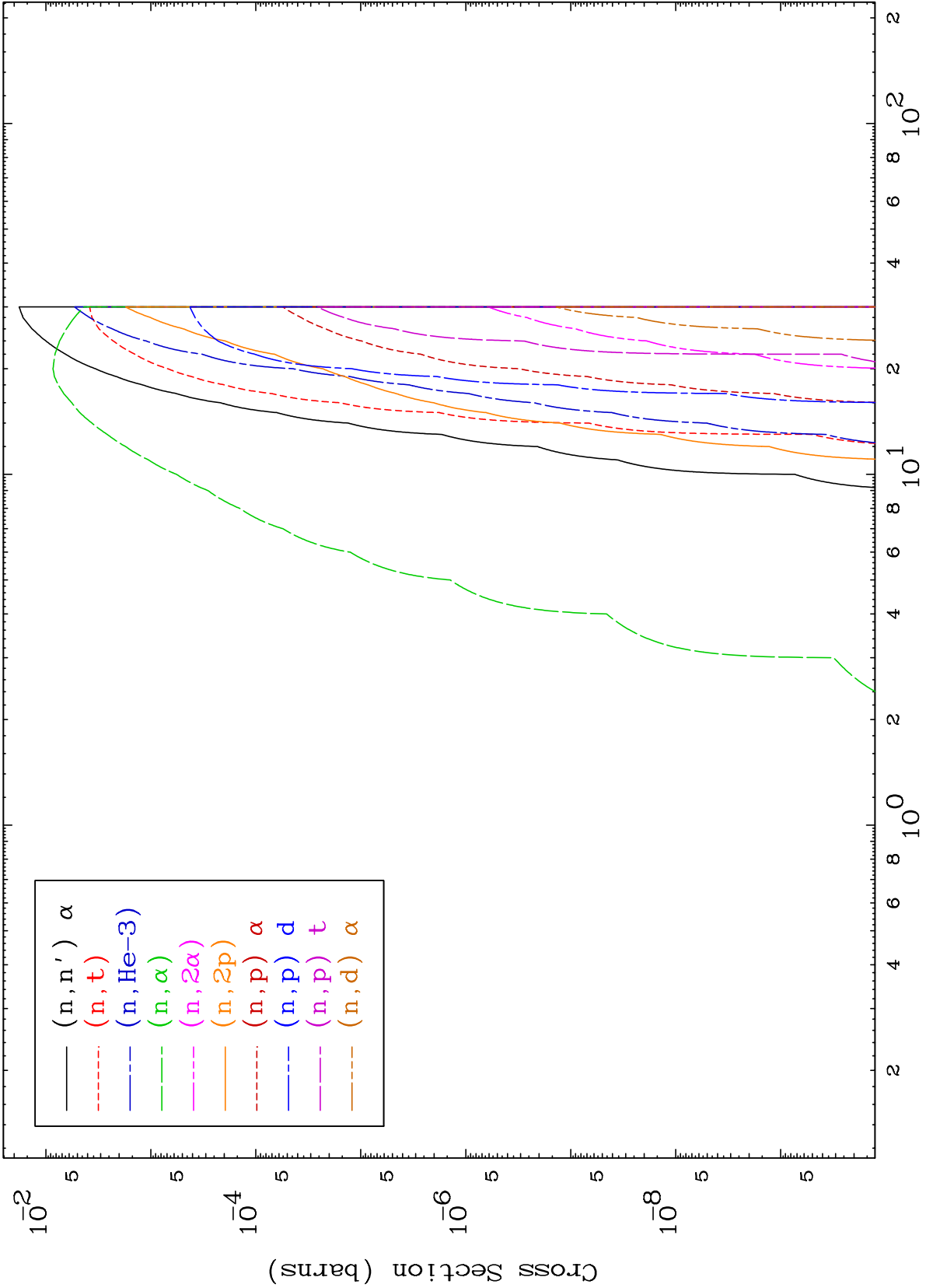




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Proton Charged Particle
0 Kelvin Cross Sections

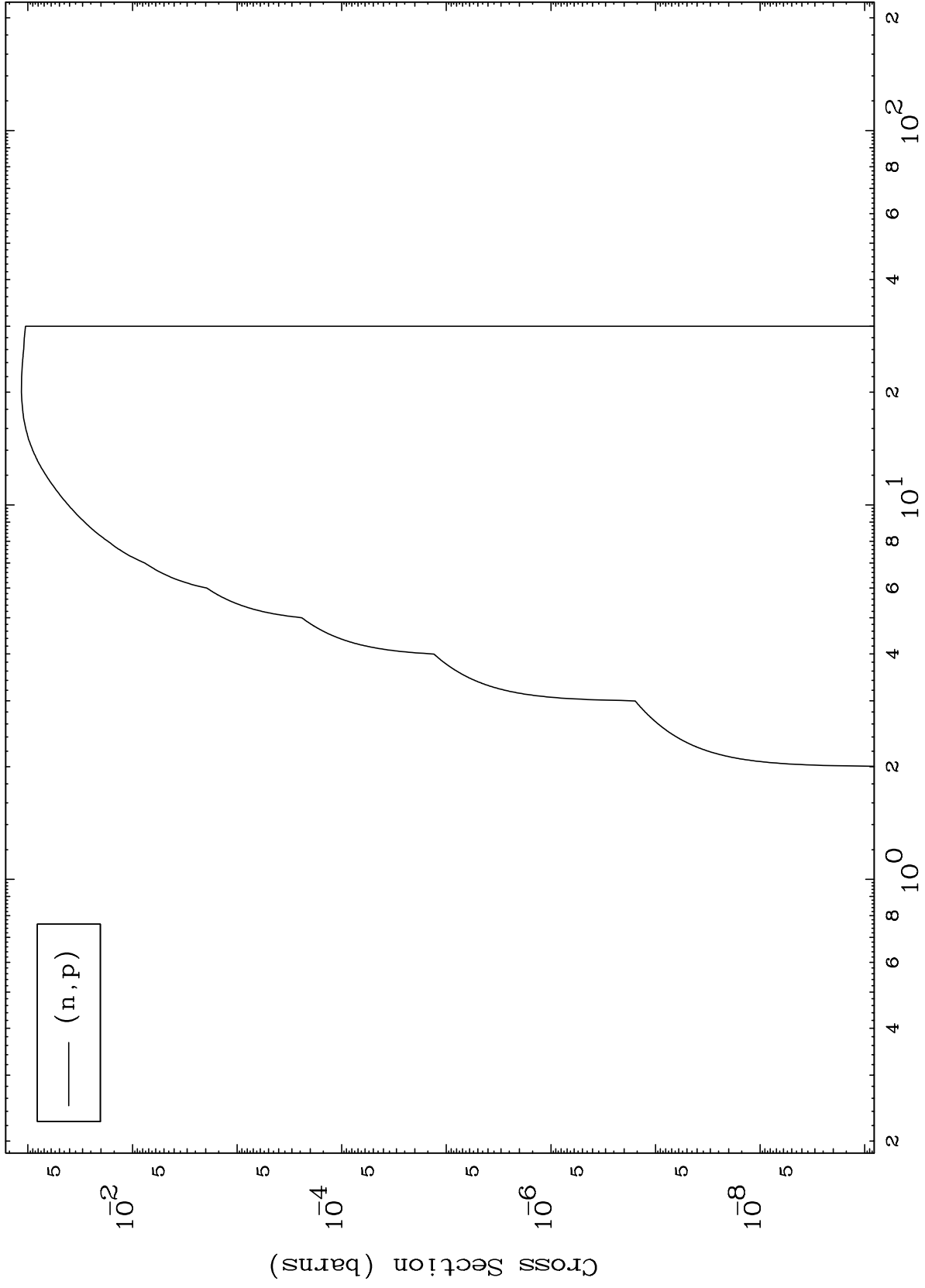
39-Y -90



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(p,p) Levels
0 Kelvin Cross Sections

39-Y -90



7

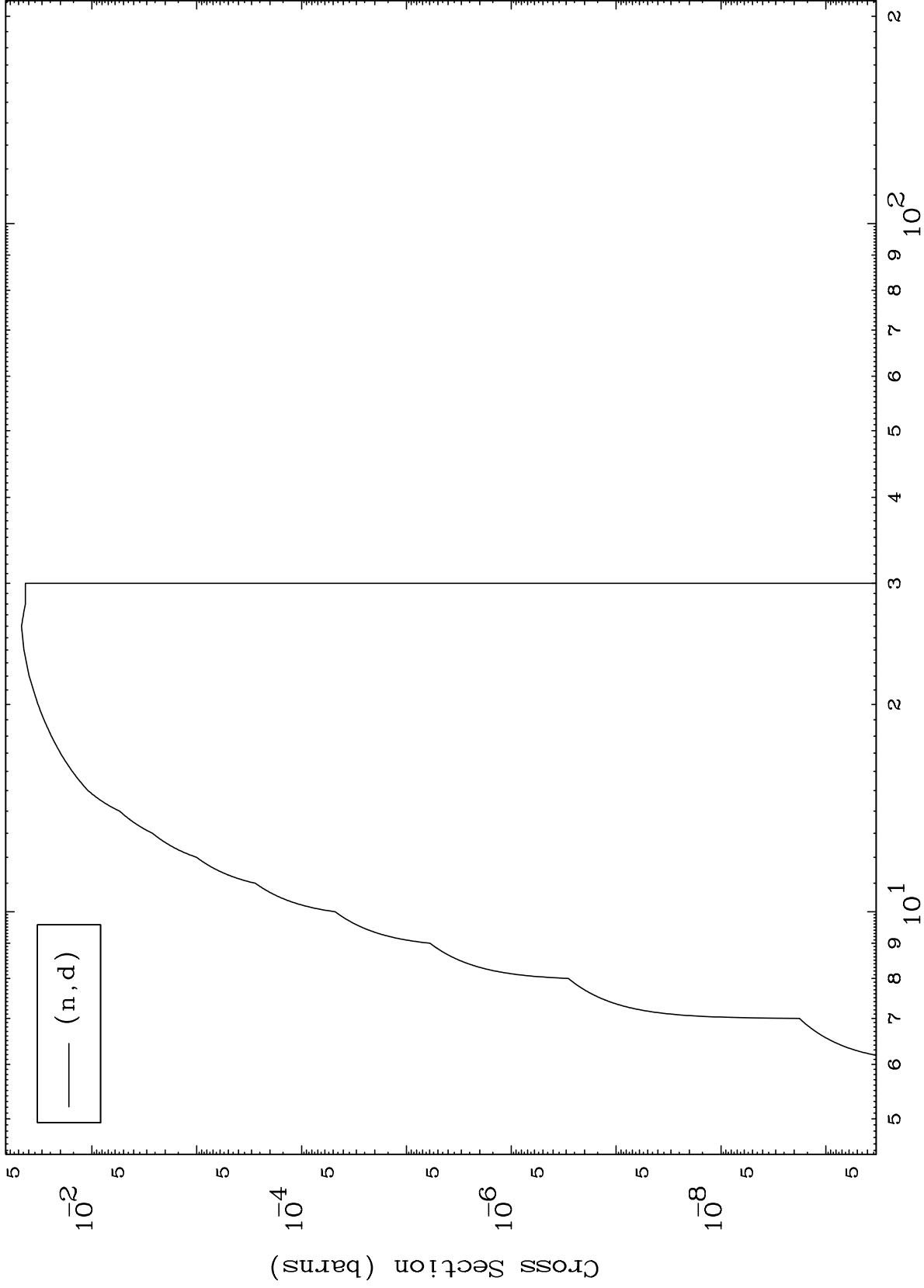
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,d) Levels
0 Kelvin Cross Sections

39-Y -90



8

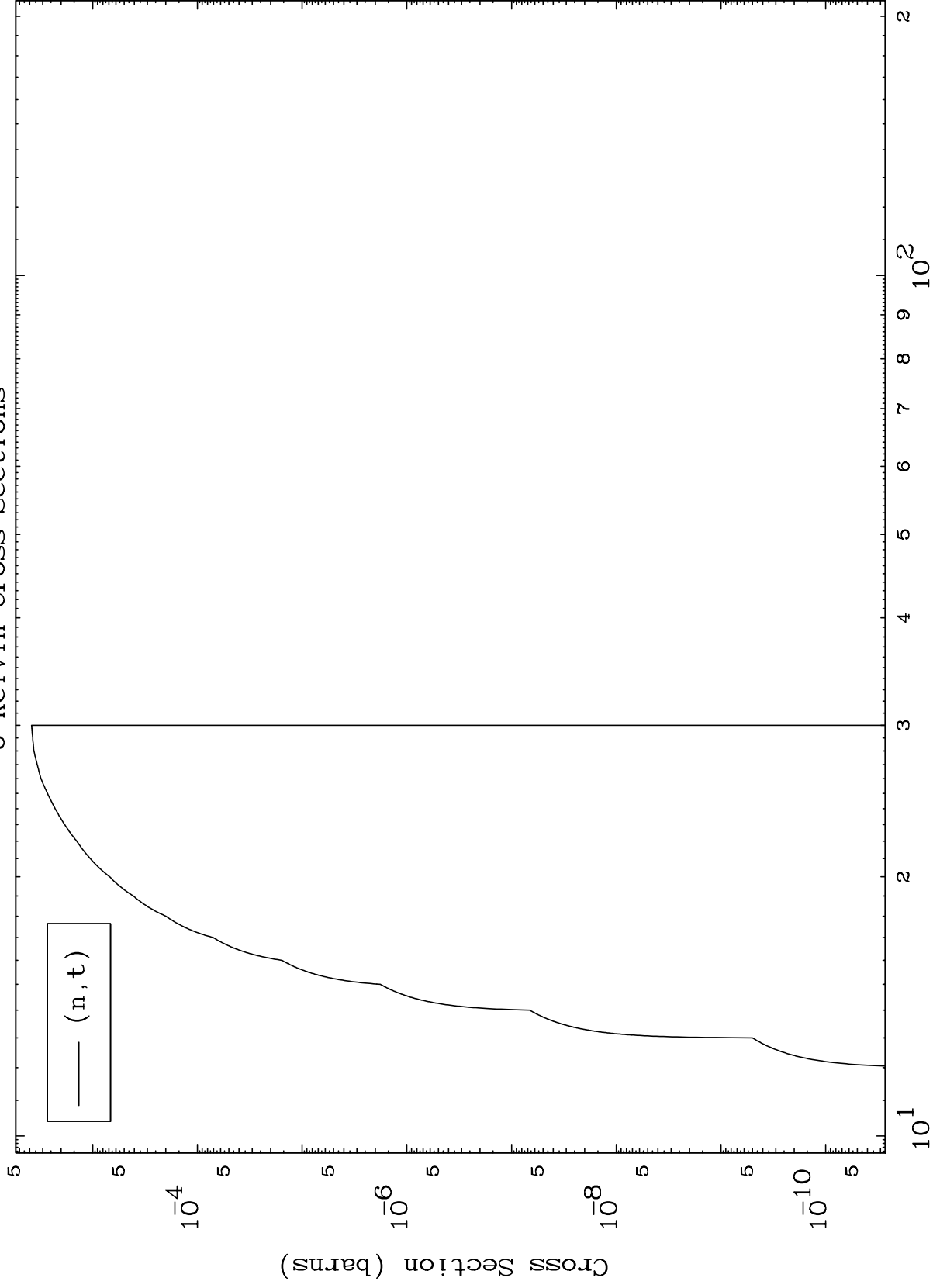
Incident Energy (MeV)

39-Y -90

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(p,t) Levels
0 Kelvin Cross Sections

39-Y -90



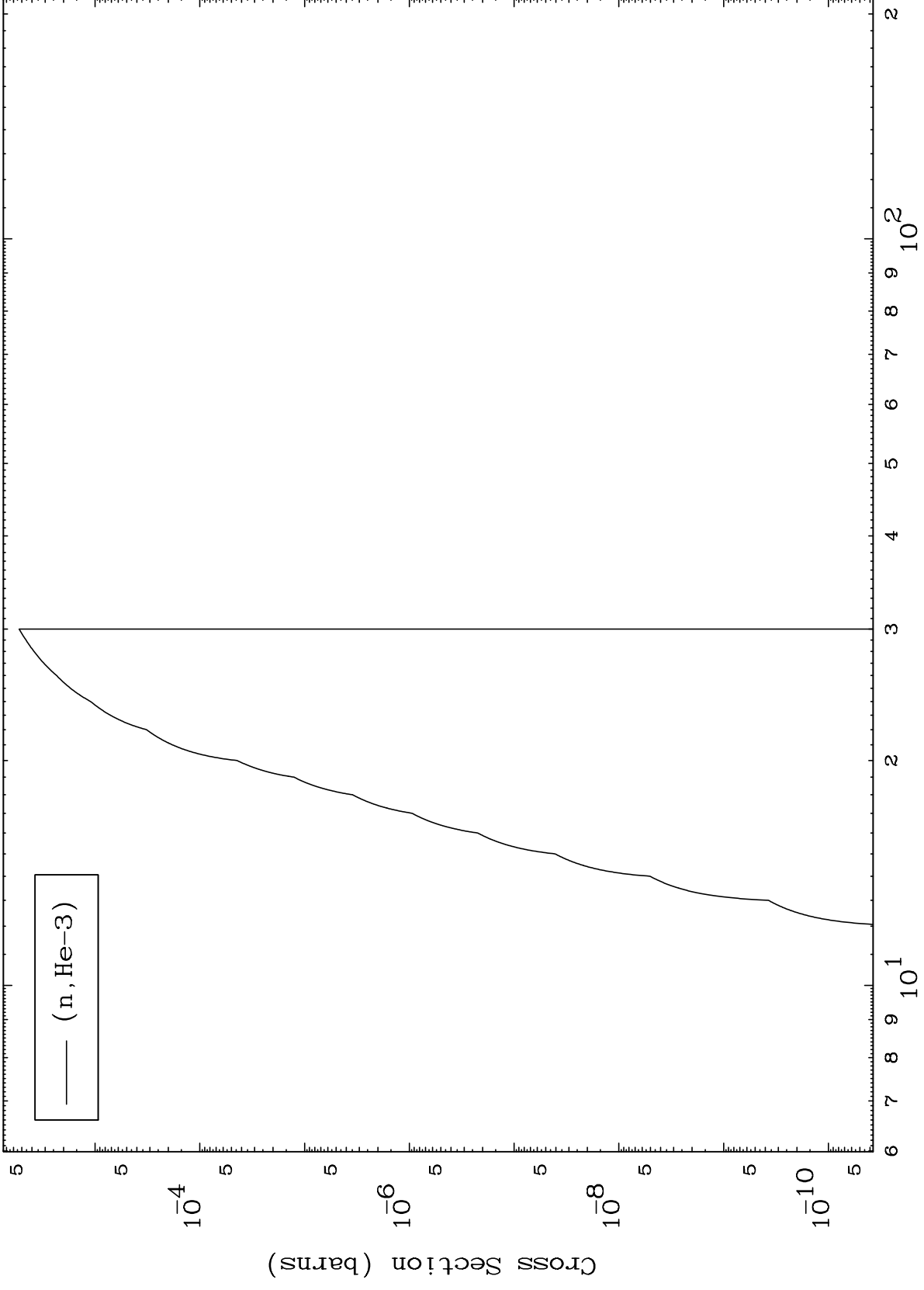
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -90



(n, He-3)

10

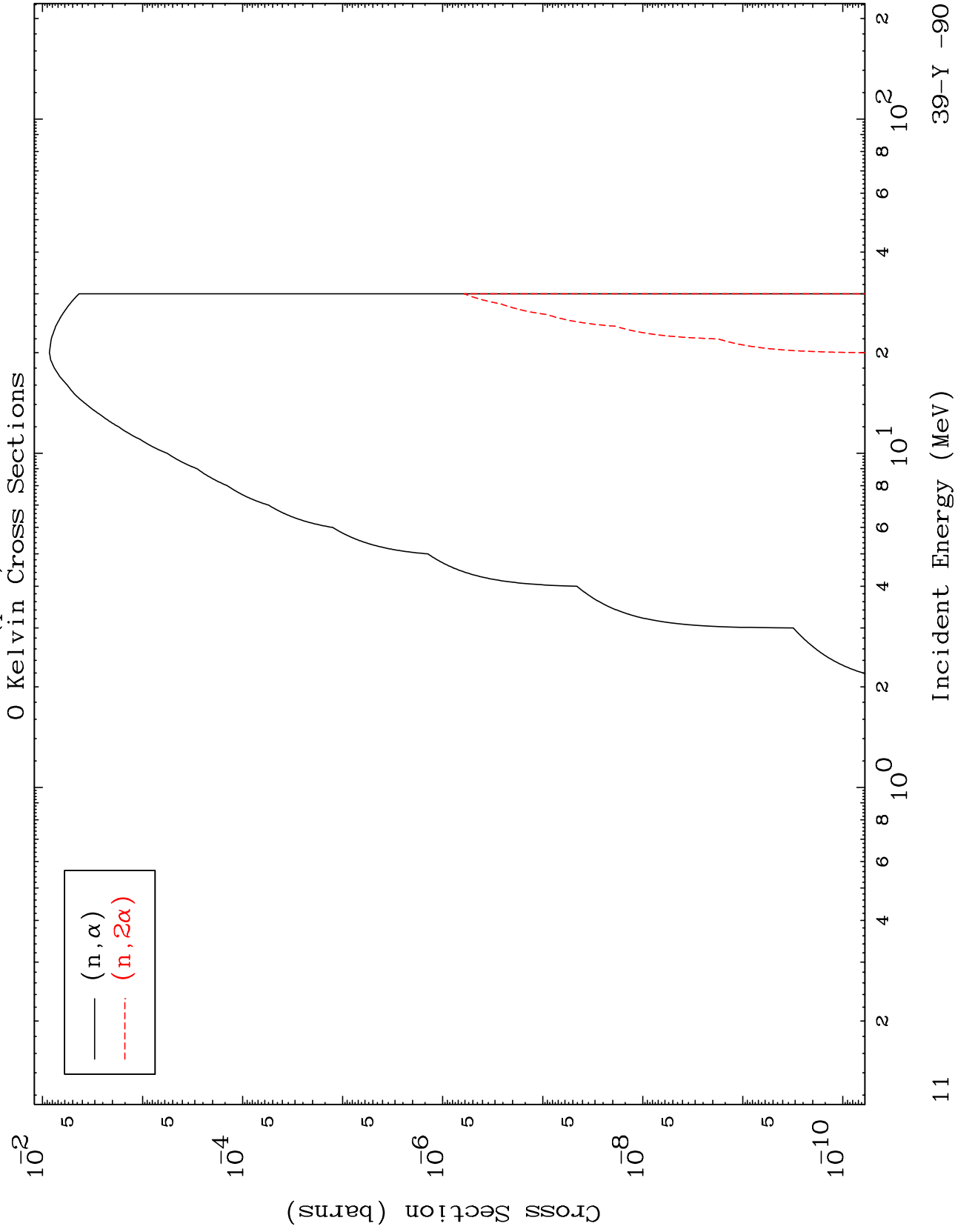
Incident Energy (MeV)

39-Y -90

MAT 3928

(p, α) Levels

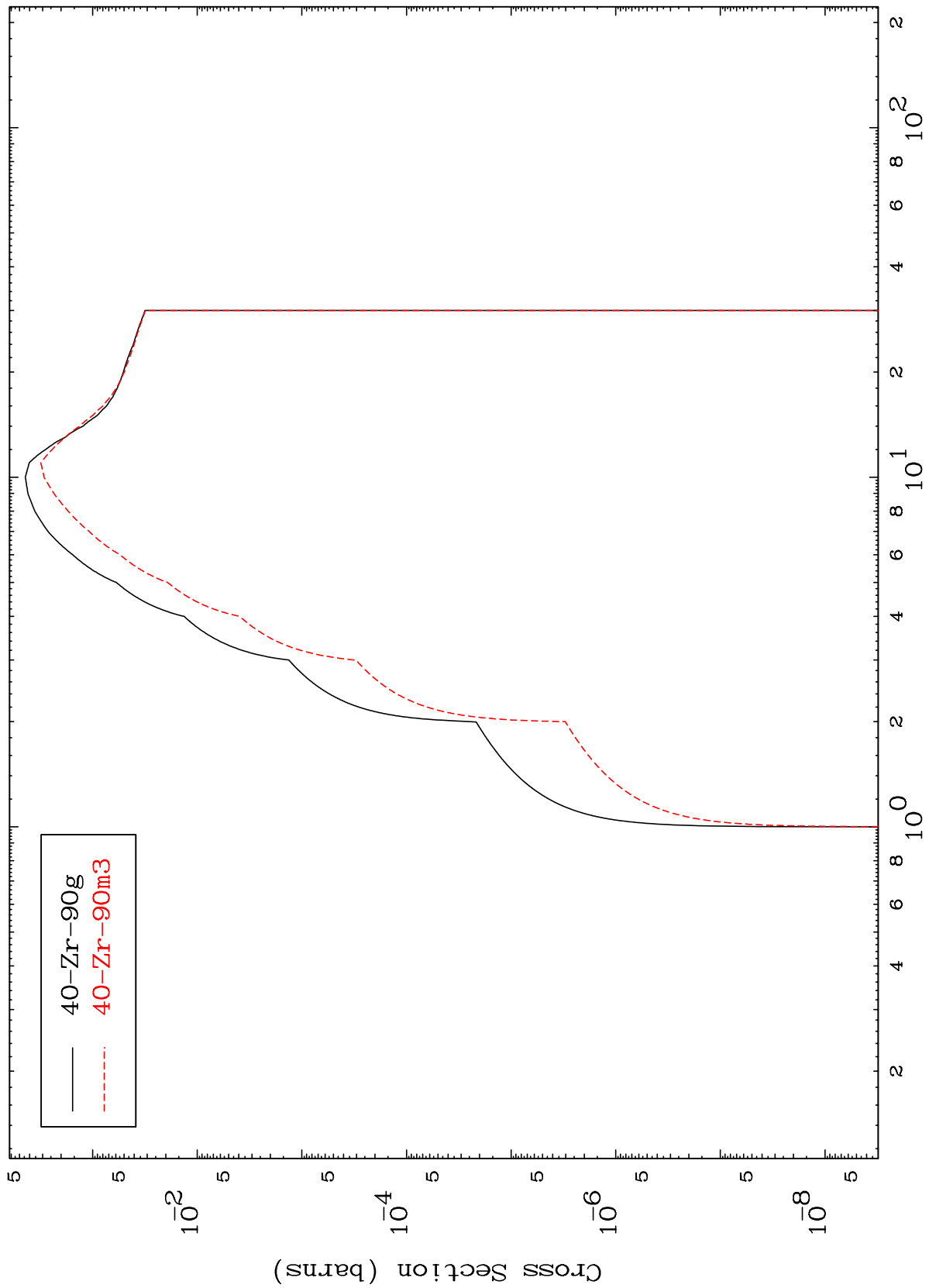
39-Y -90



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39-Y -90

Inelastic Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

12

Incident Energy (MeV)

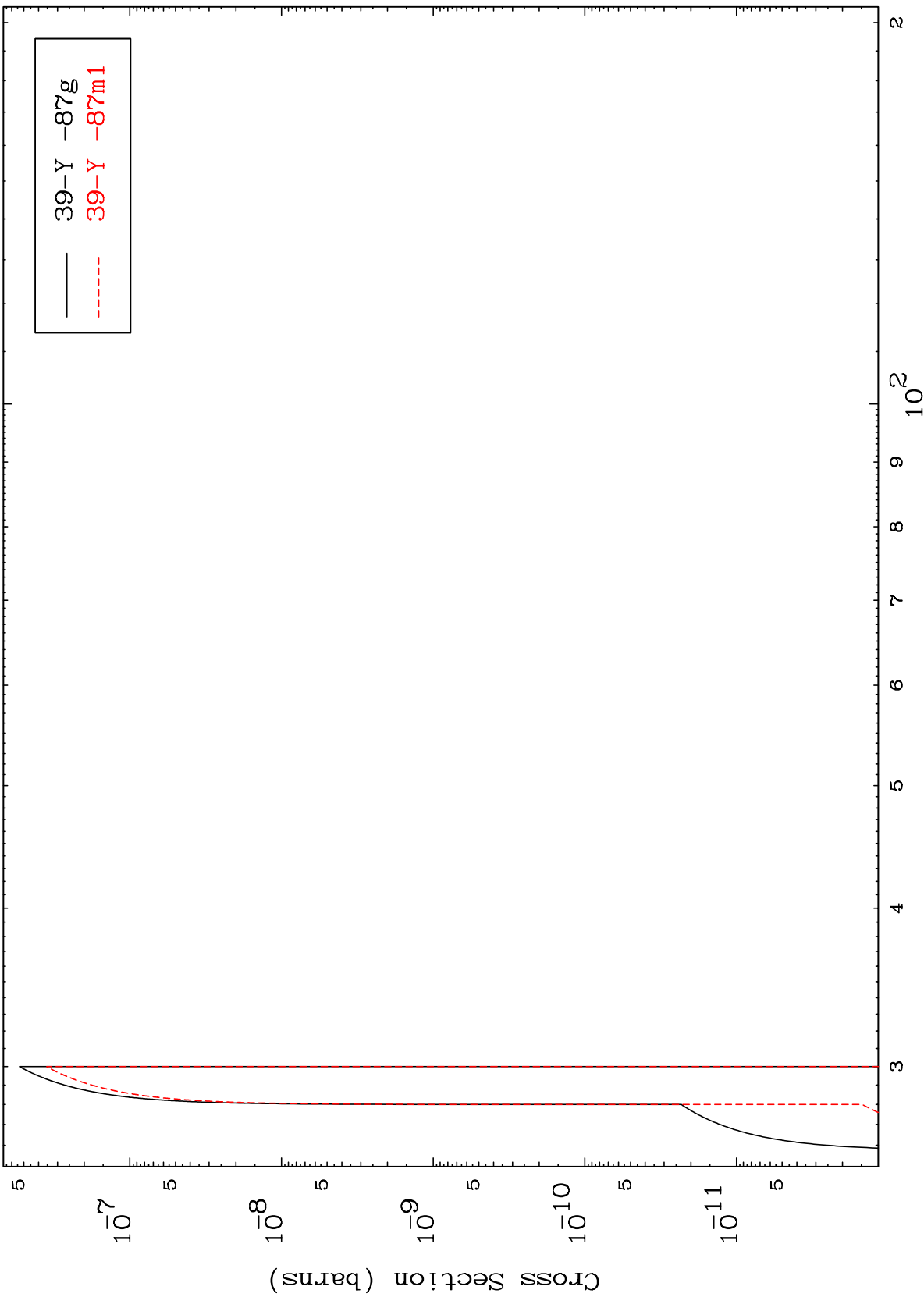
39-Y -90

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(n,2n) d

39-Y -90

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

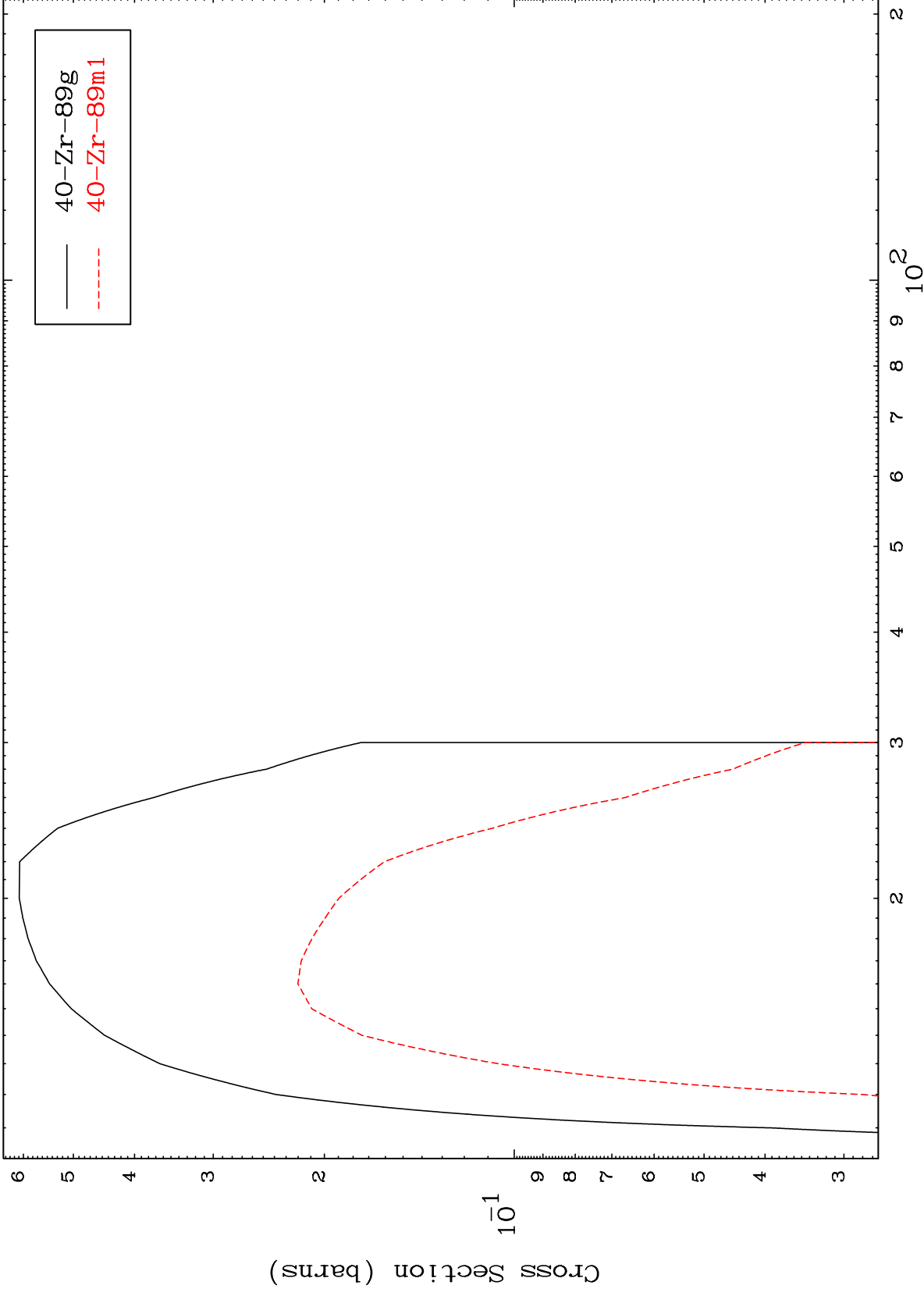
39-Y -90

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(n,2n)

39-Y -90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

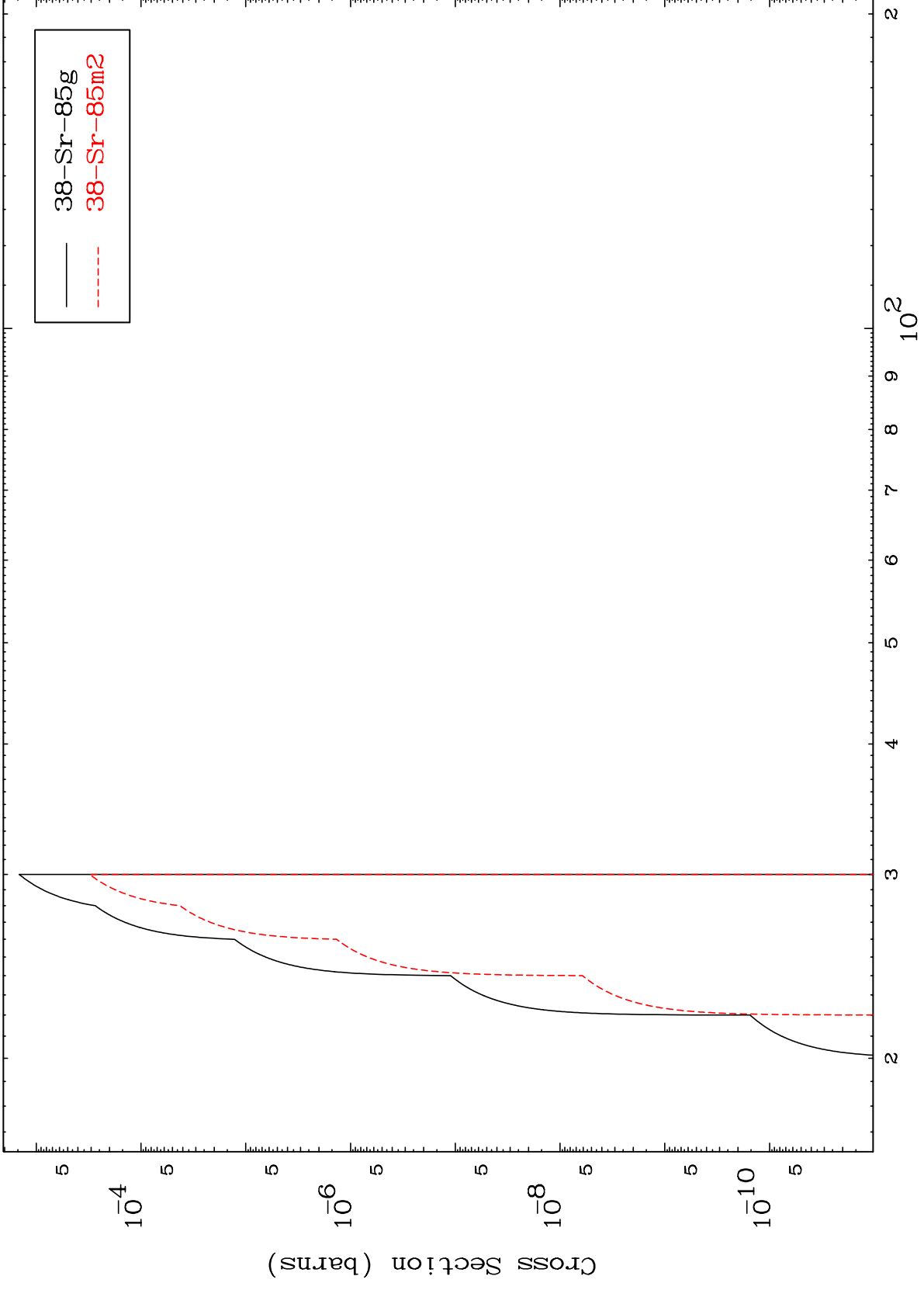
39-Y -90

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(n,2n) α

39-Y -90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

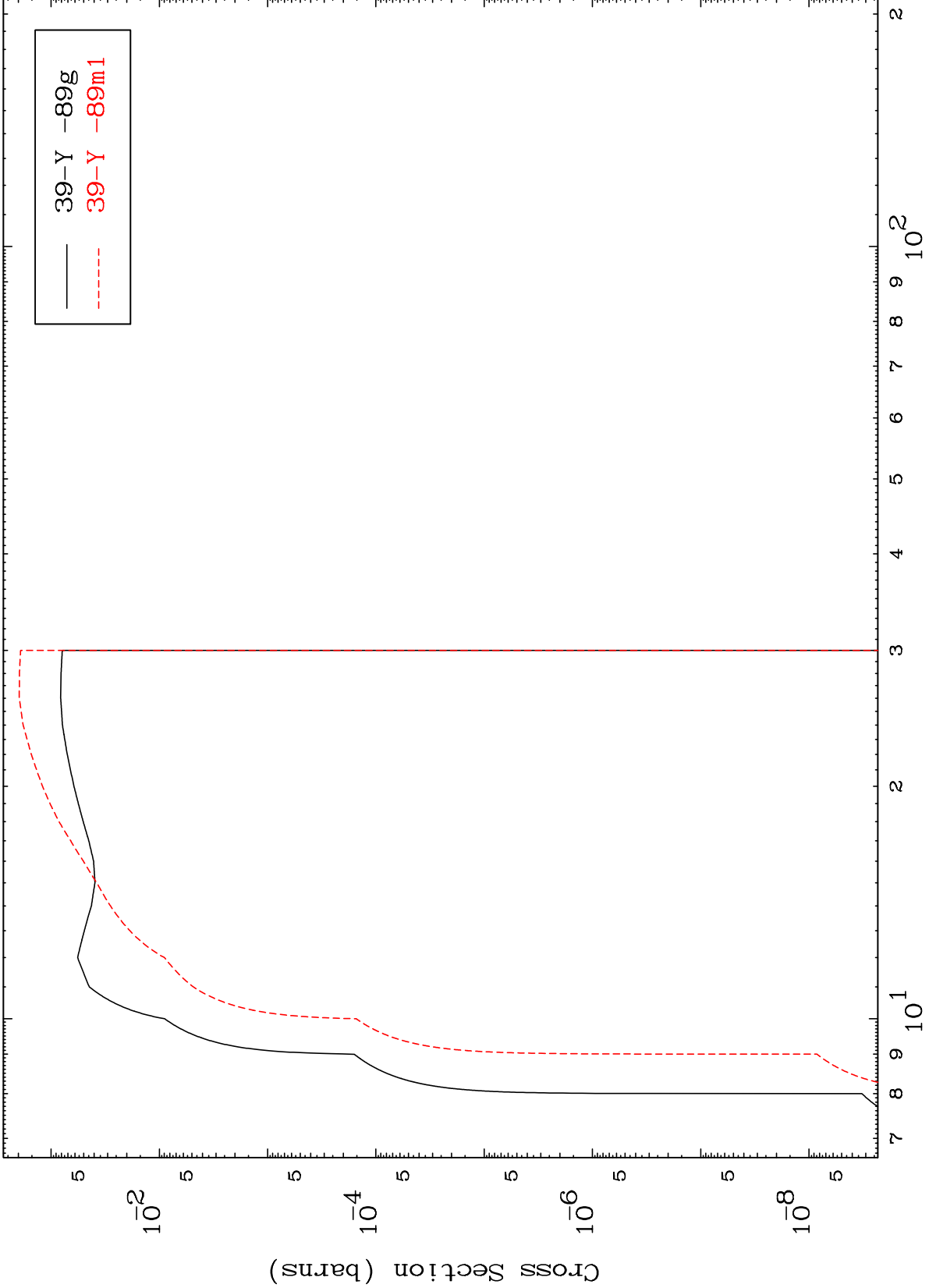
39-Y -90

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(n,n') p

39-Y -90

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

16

Incident Energy (MeV)

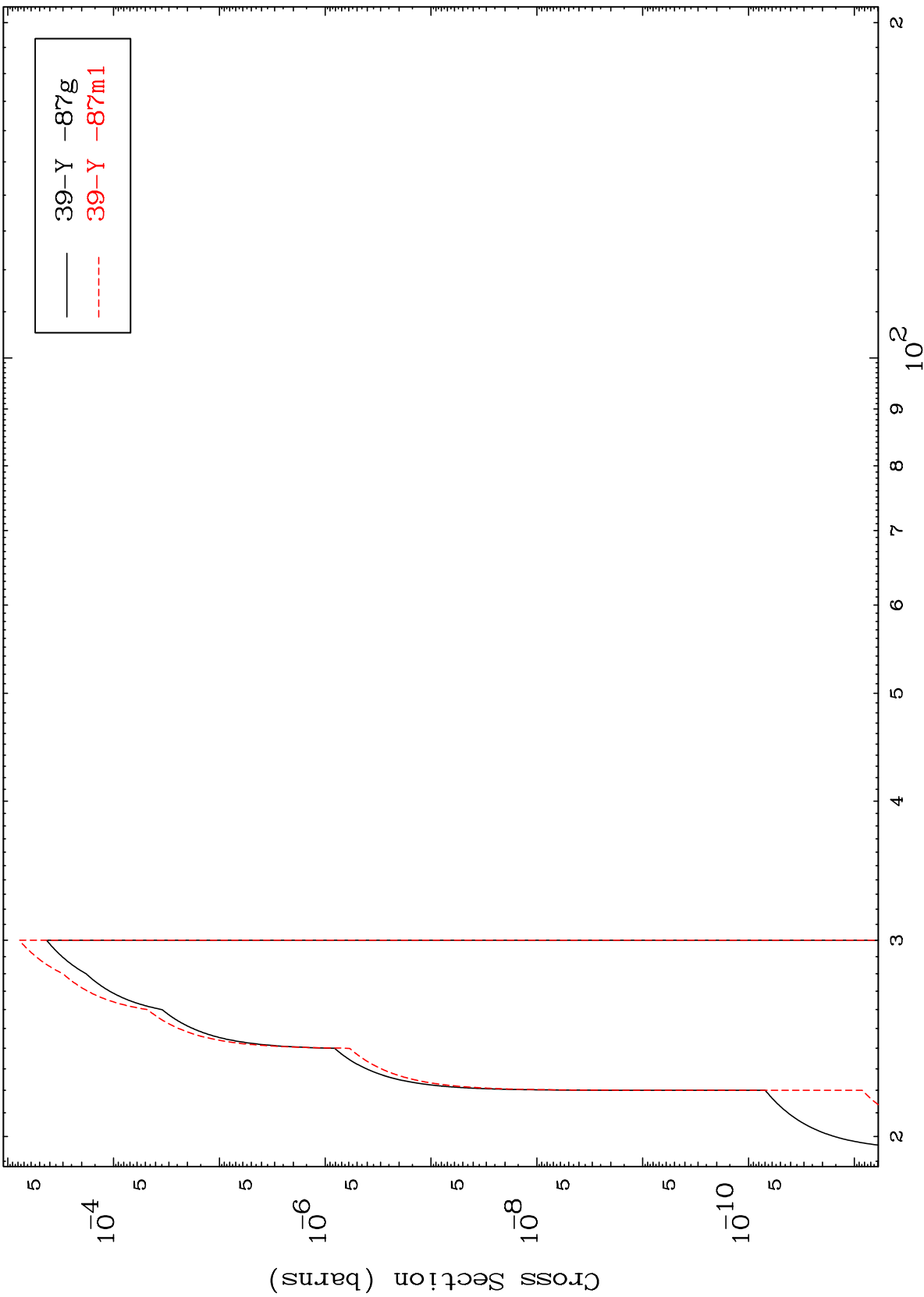
39-Y -90

MAT 3928

(n,n') t

39-Y -90

Radionuclide Production Cross Section

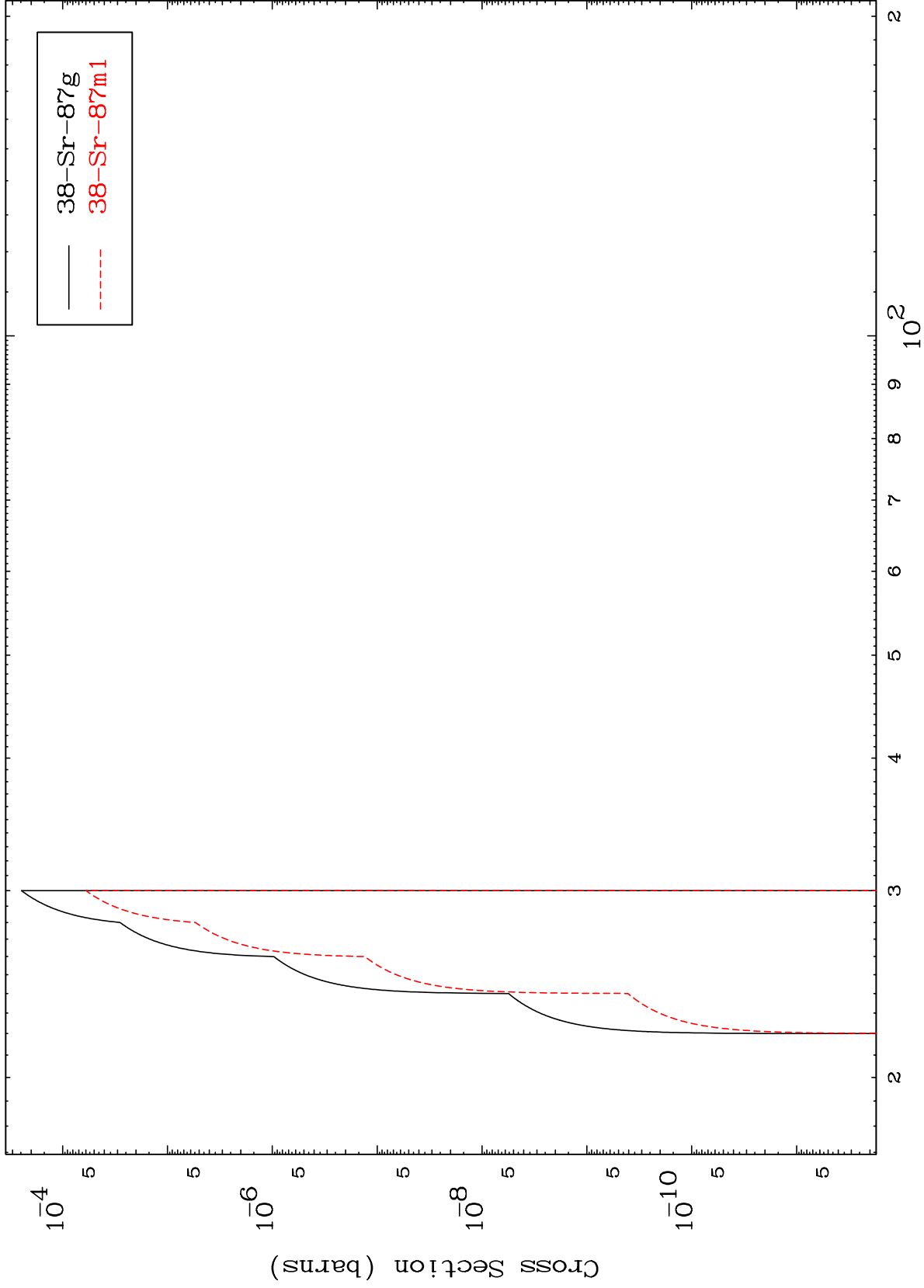


17

Incident Energy (MeV)

39-Y -90

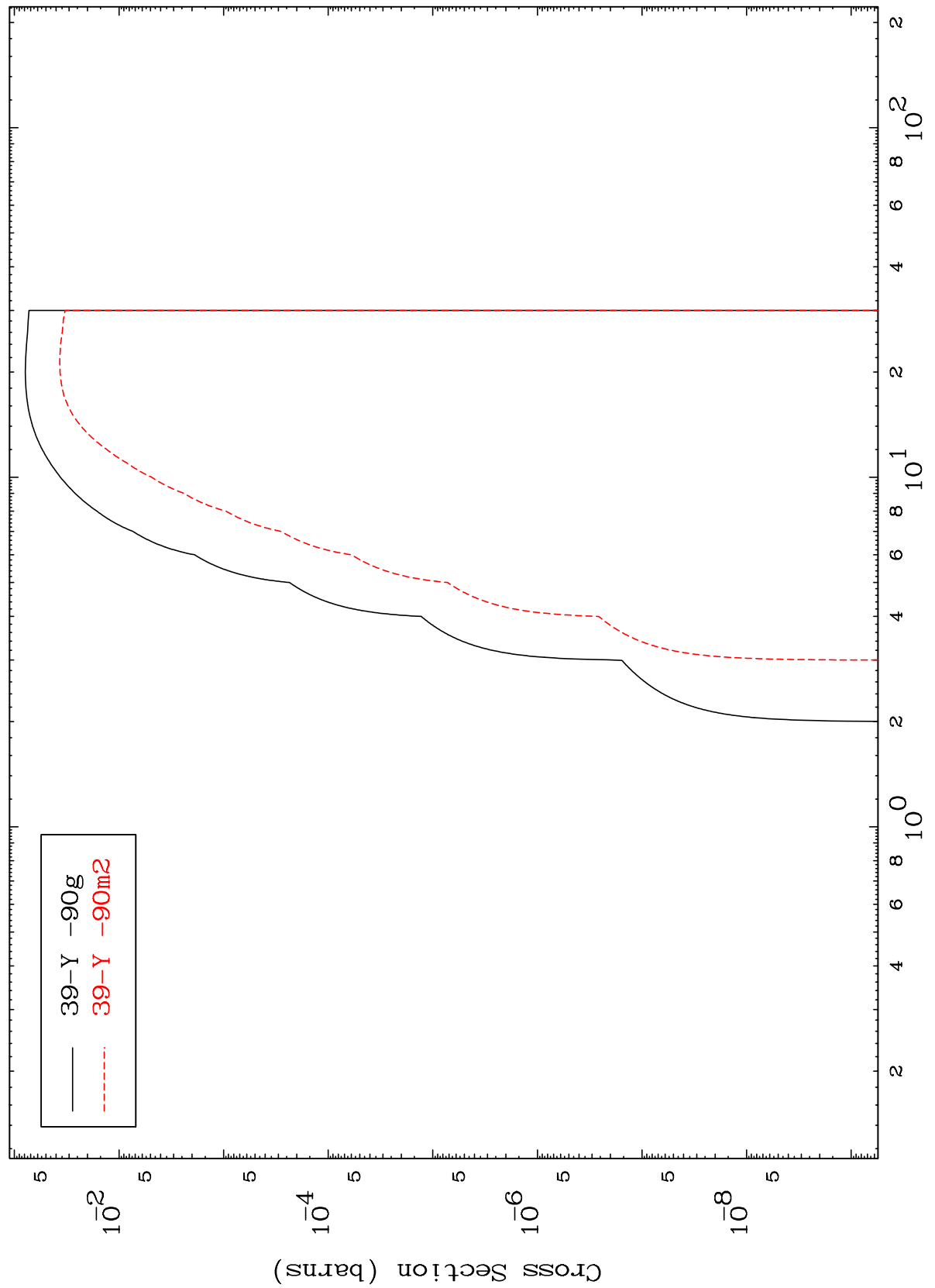
Radionuclide Production Cross Section



MAT 3928

39-Y -90

Radionuclide Production Cross Section (n,p)

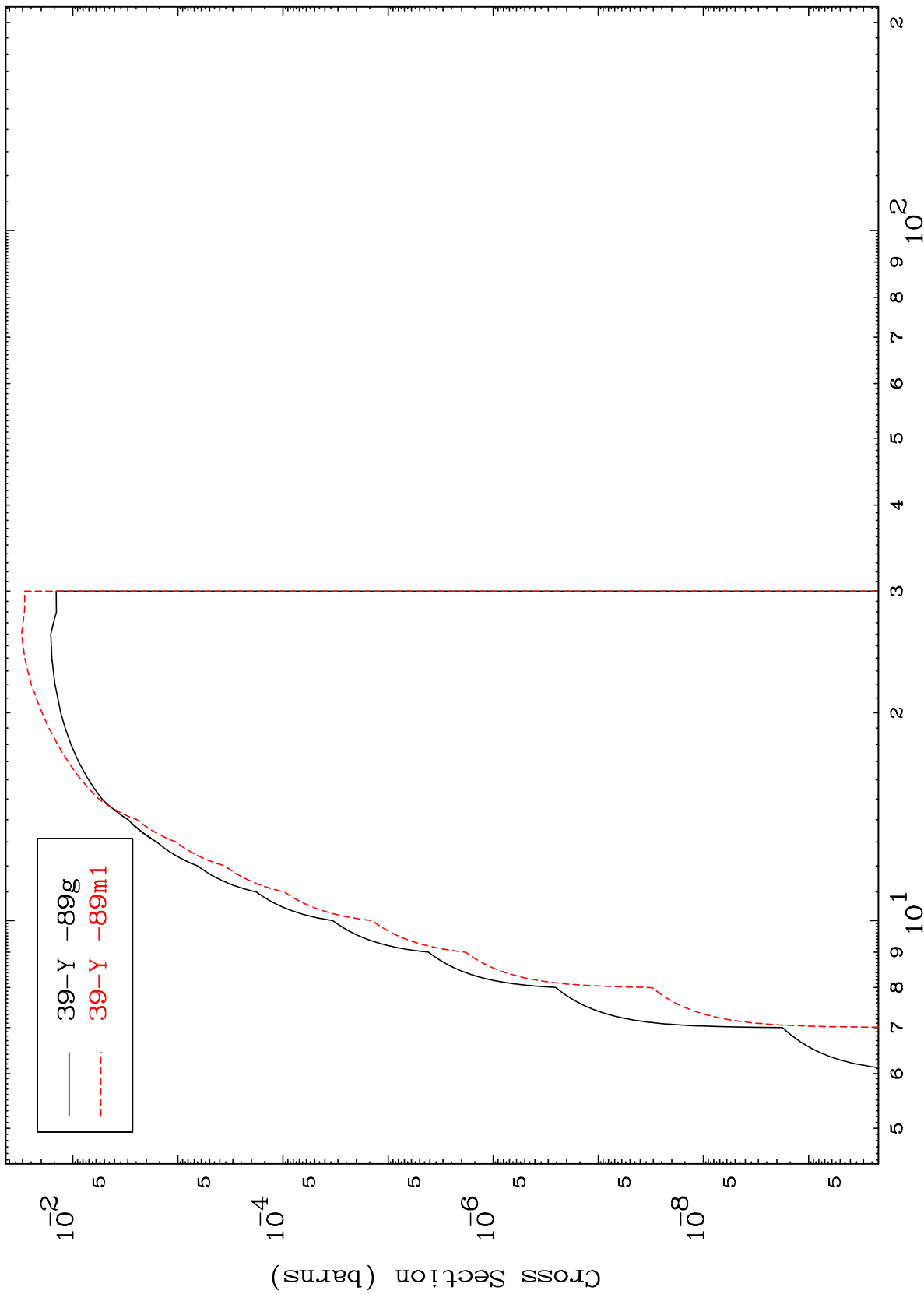


Legend:
— 39-Y -90g
- - - 39-Y -90m2

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39-Y -90

(n,d)
Radionuclide Production Cross Section



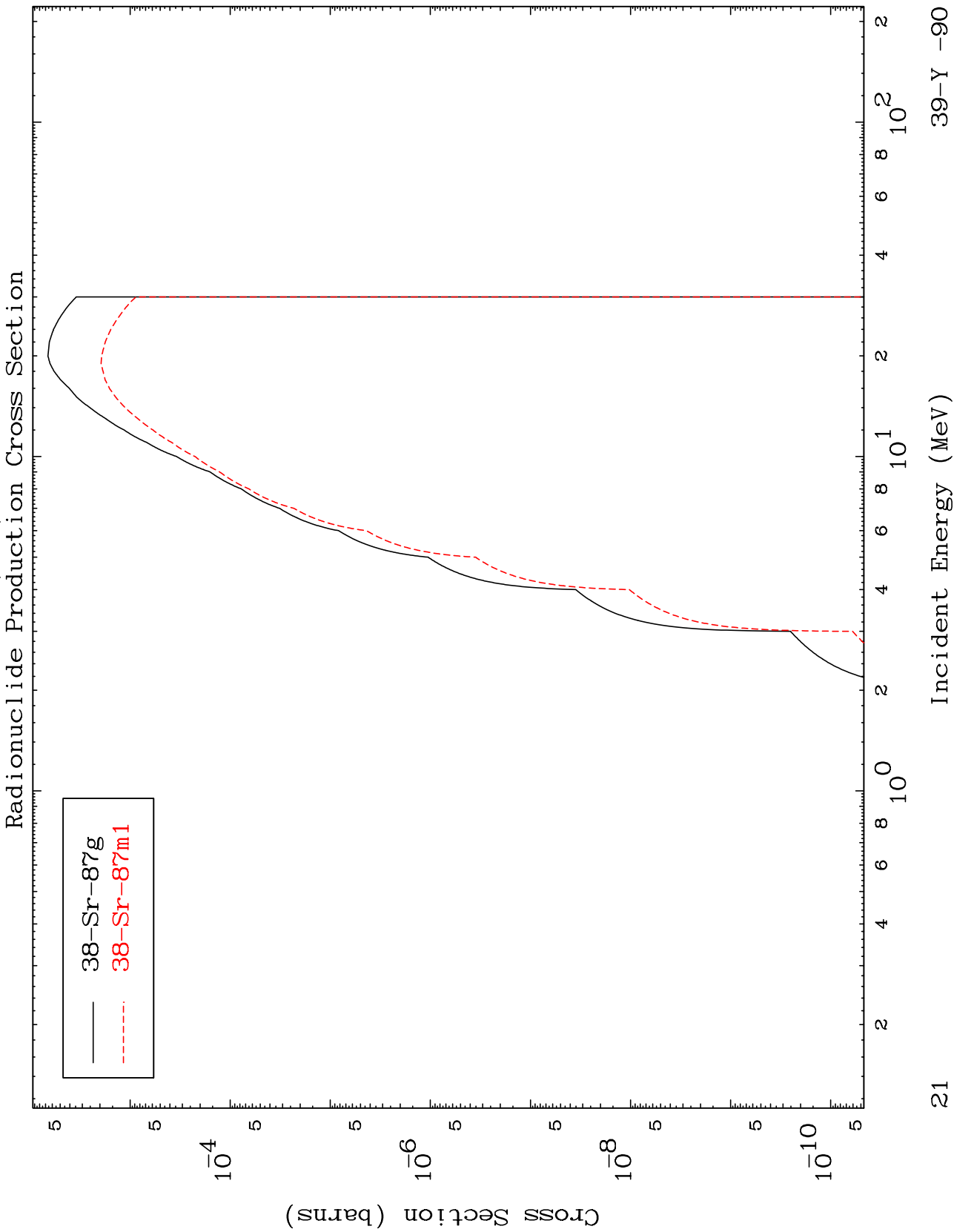
39-Y -90

Incident Energy (MeV)

20

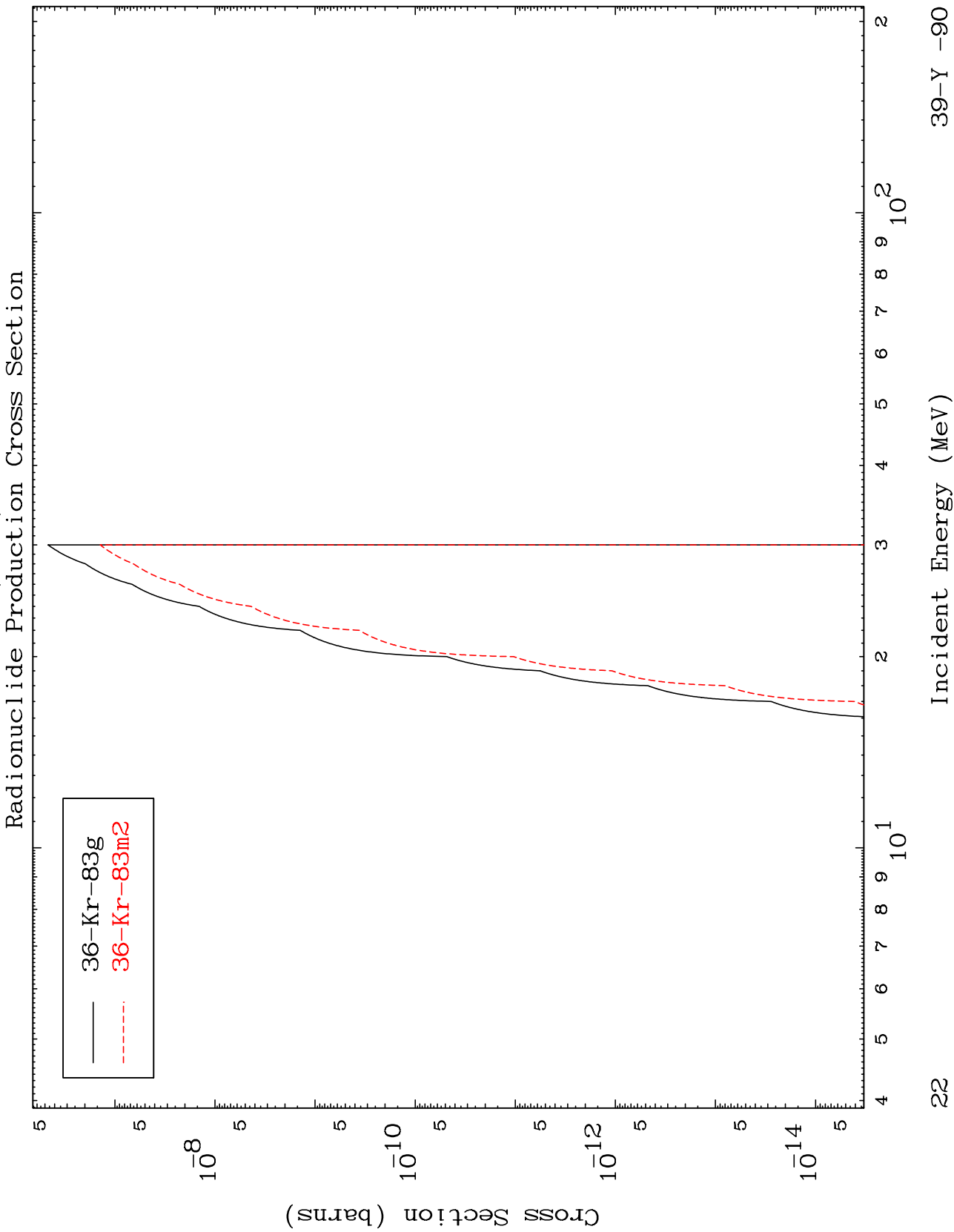
MAT 3928

39-Y -90



MAT 3928

39-Y -90

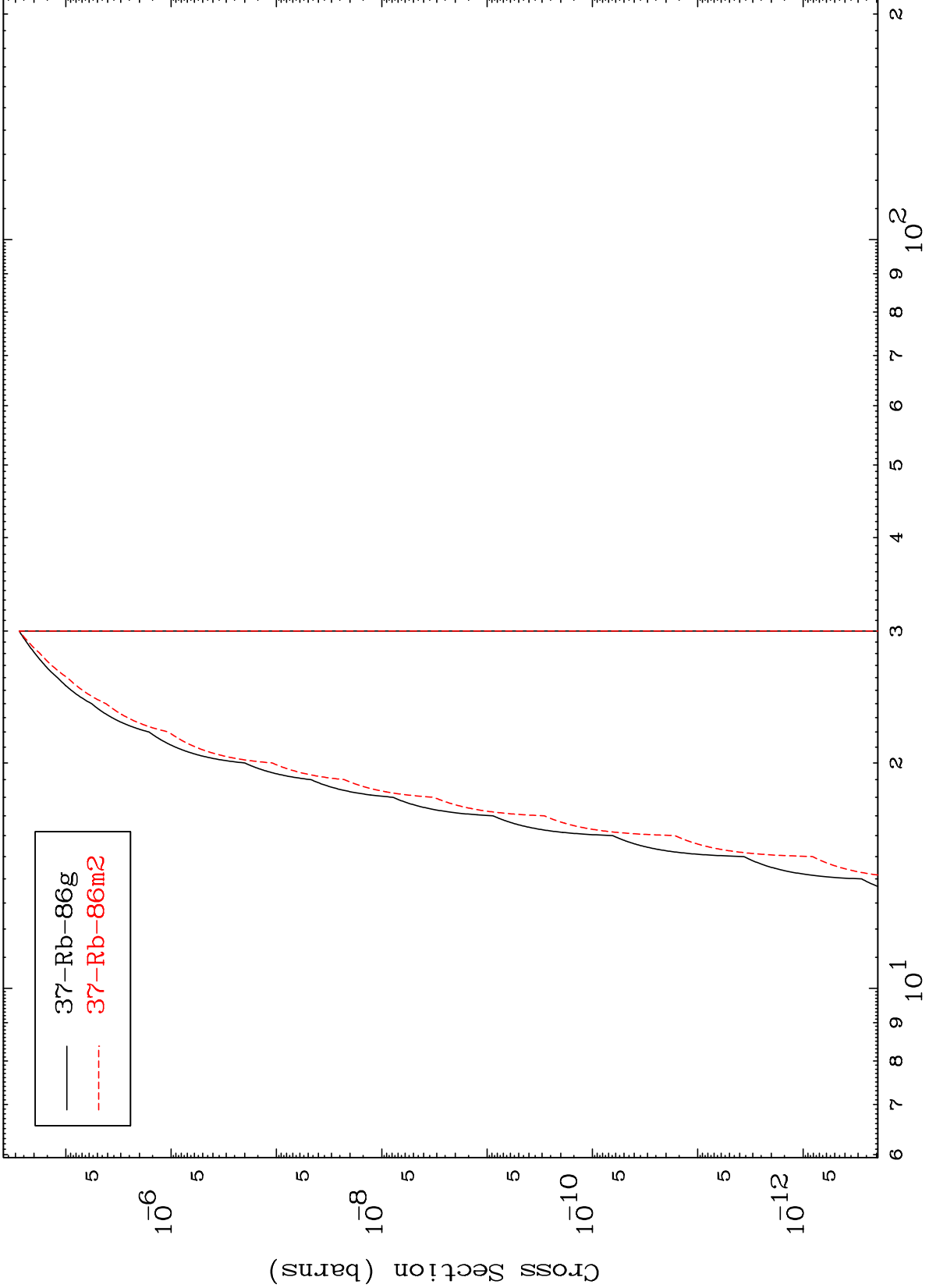


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$(n,p) \alpha$

39-Y -90

Radionuclide Production Cross Section



23

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section

