

Program EVALPLOT
(Version 2021-1)

by

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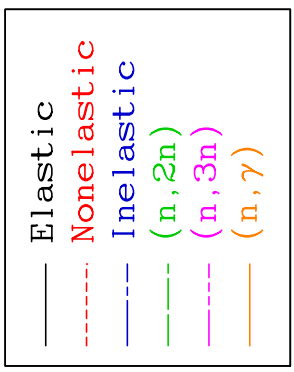
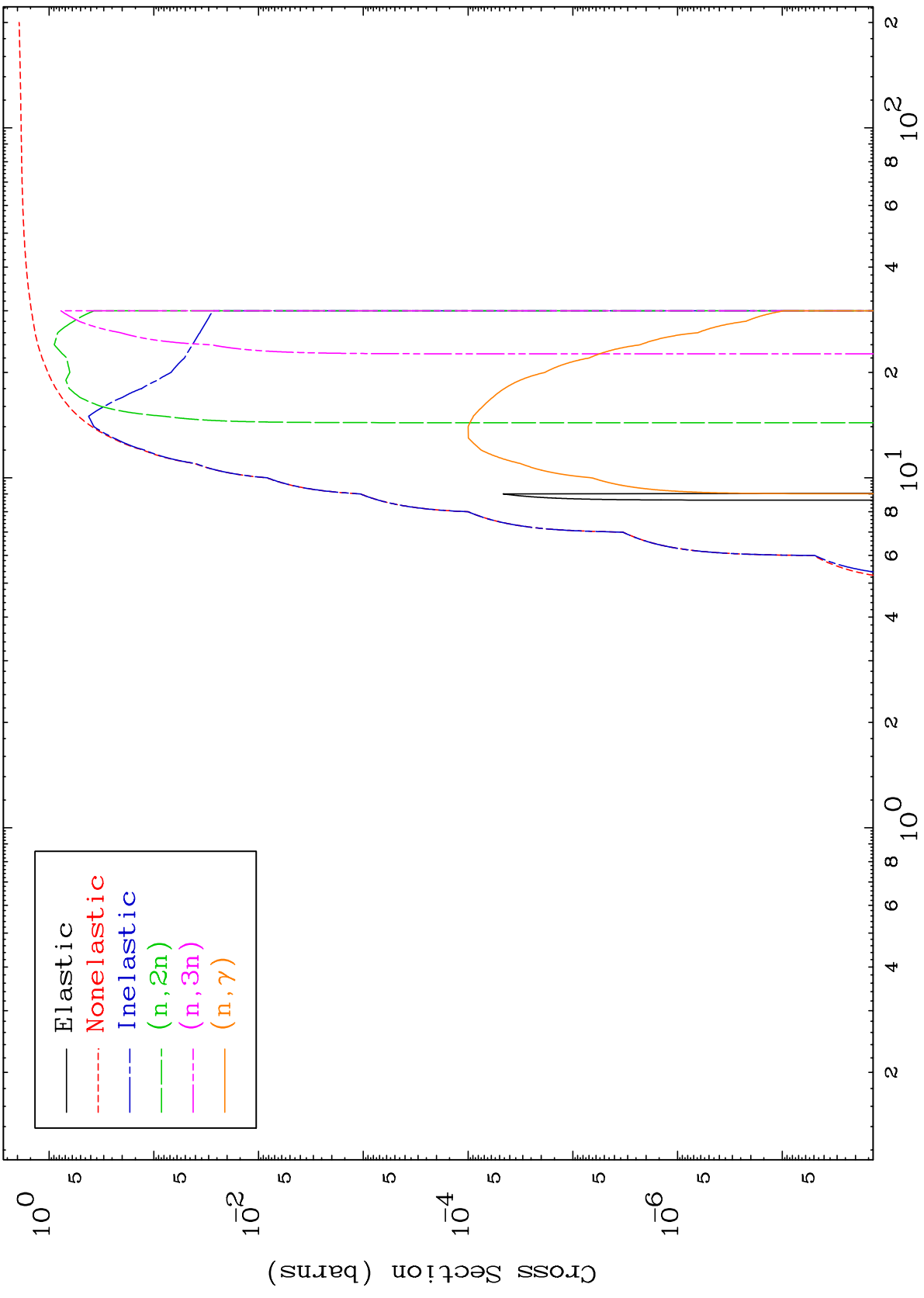
Press Mouse Button to Start

MAT 3928

α Major

39-Y -90

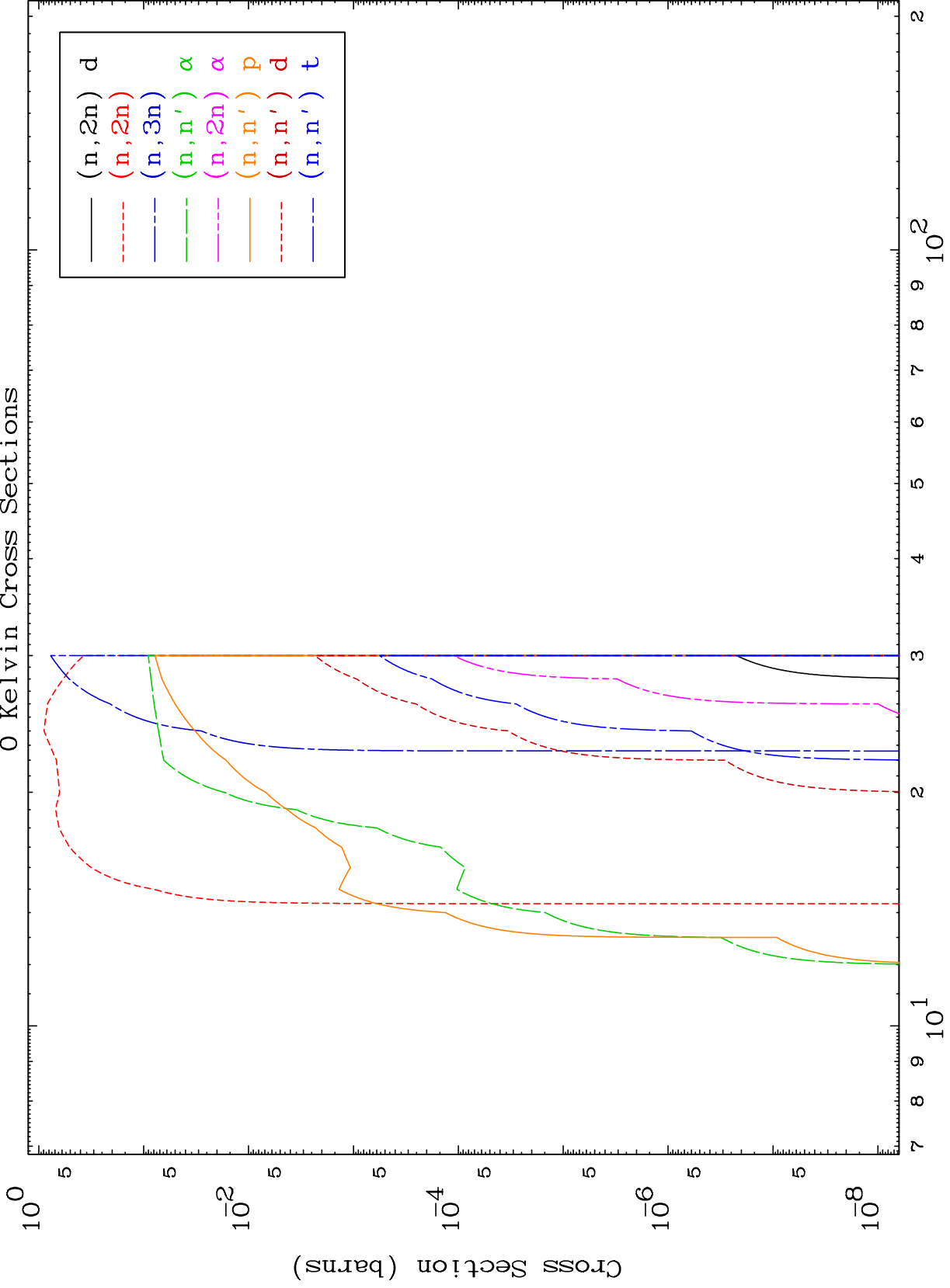
0 Kelvin Cross Sections



MAT 3928

α Neutron Absorption
0 Kelvin Cross Sections

39-Y -90



2

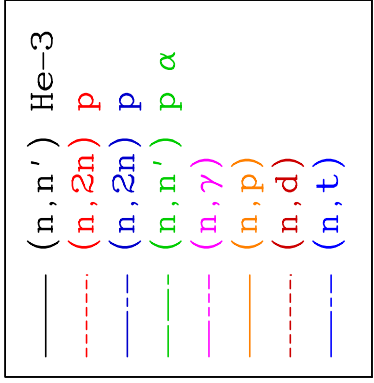
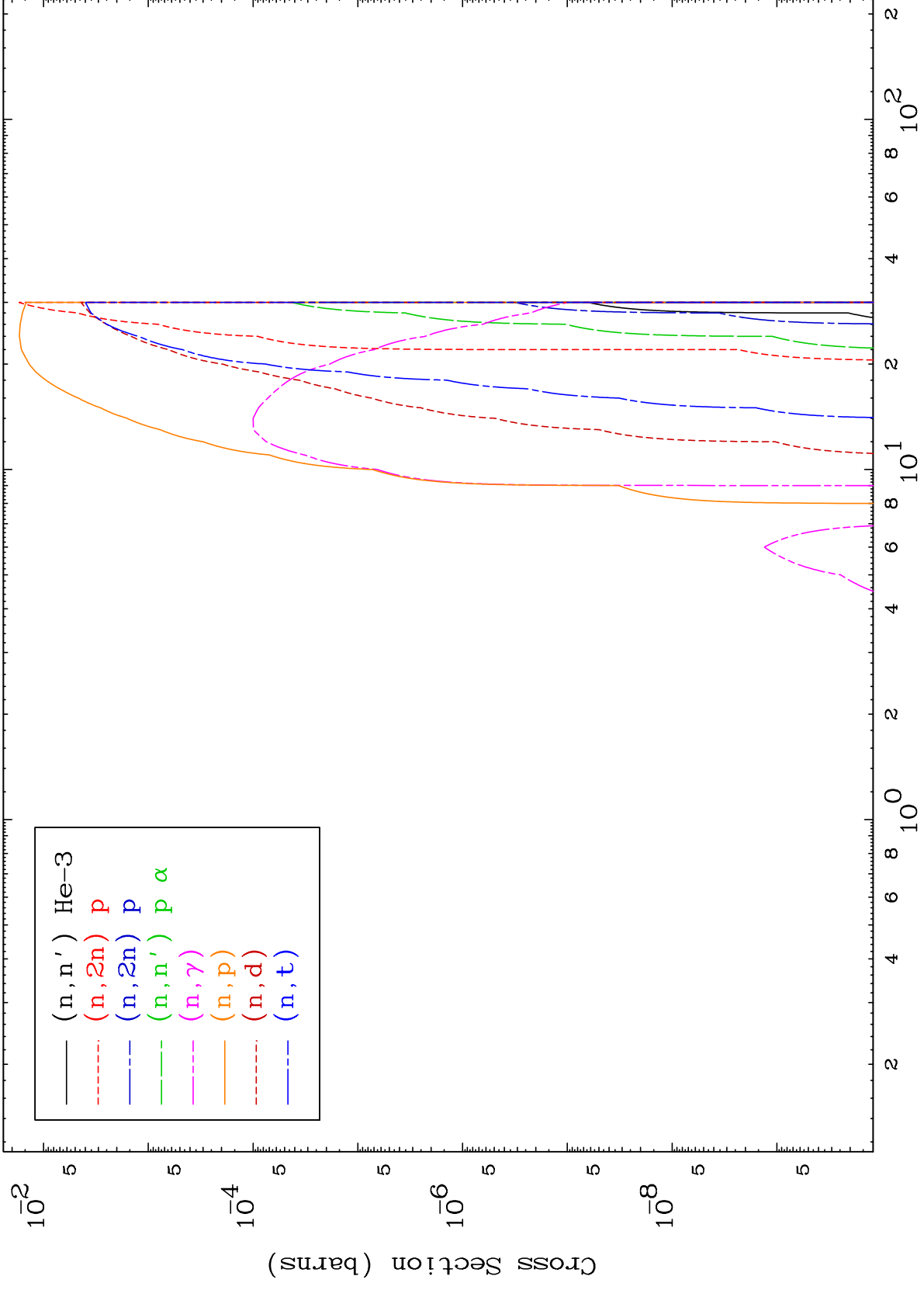
Incident Energy (MeV)

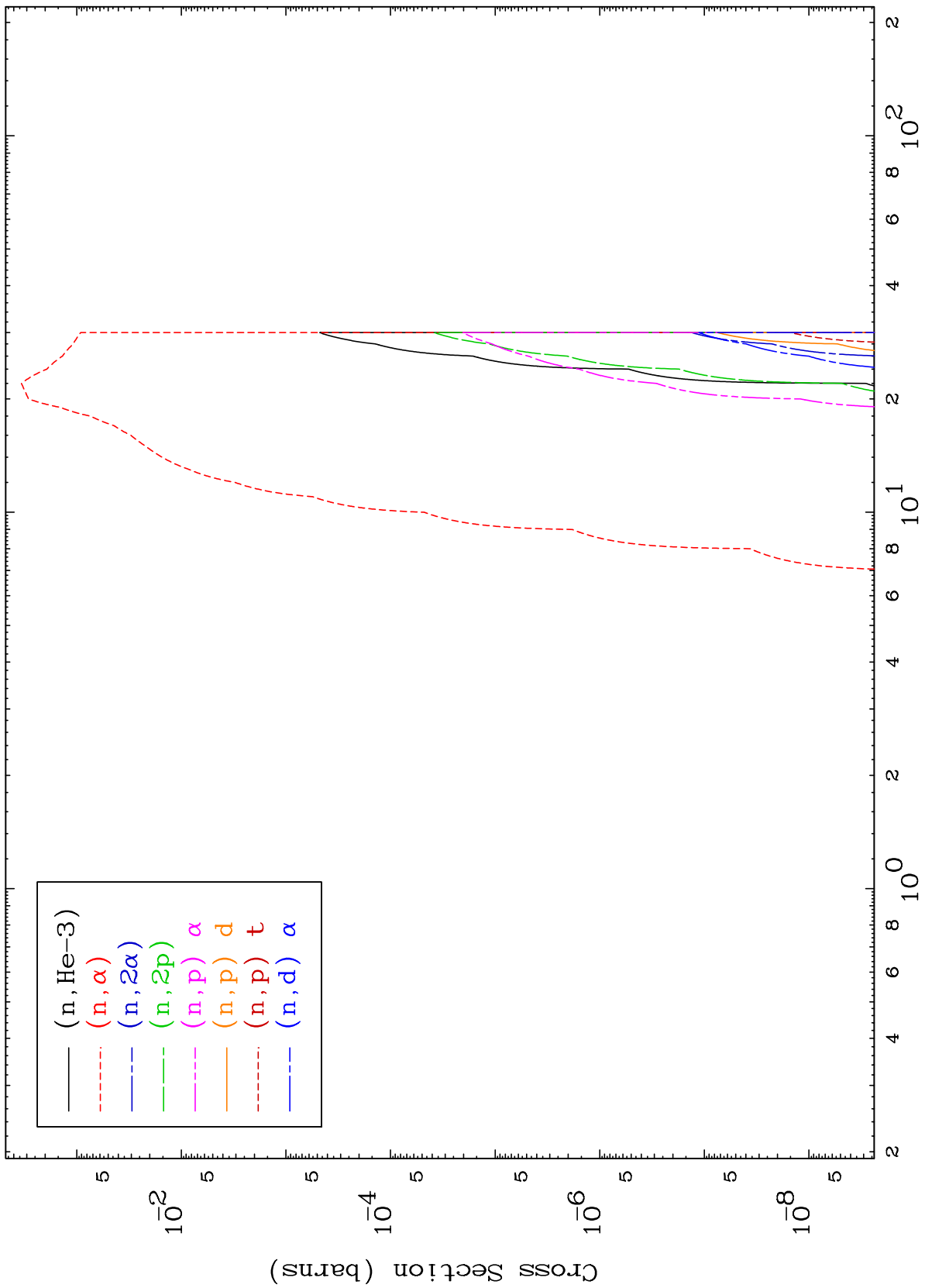
39-Y -90

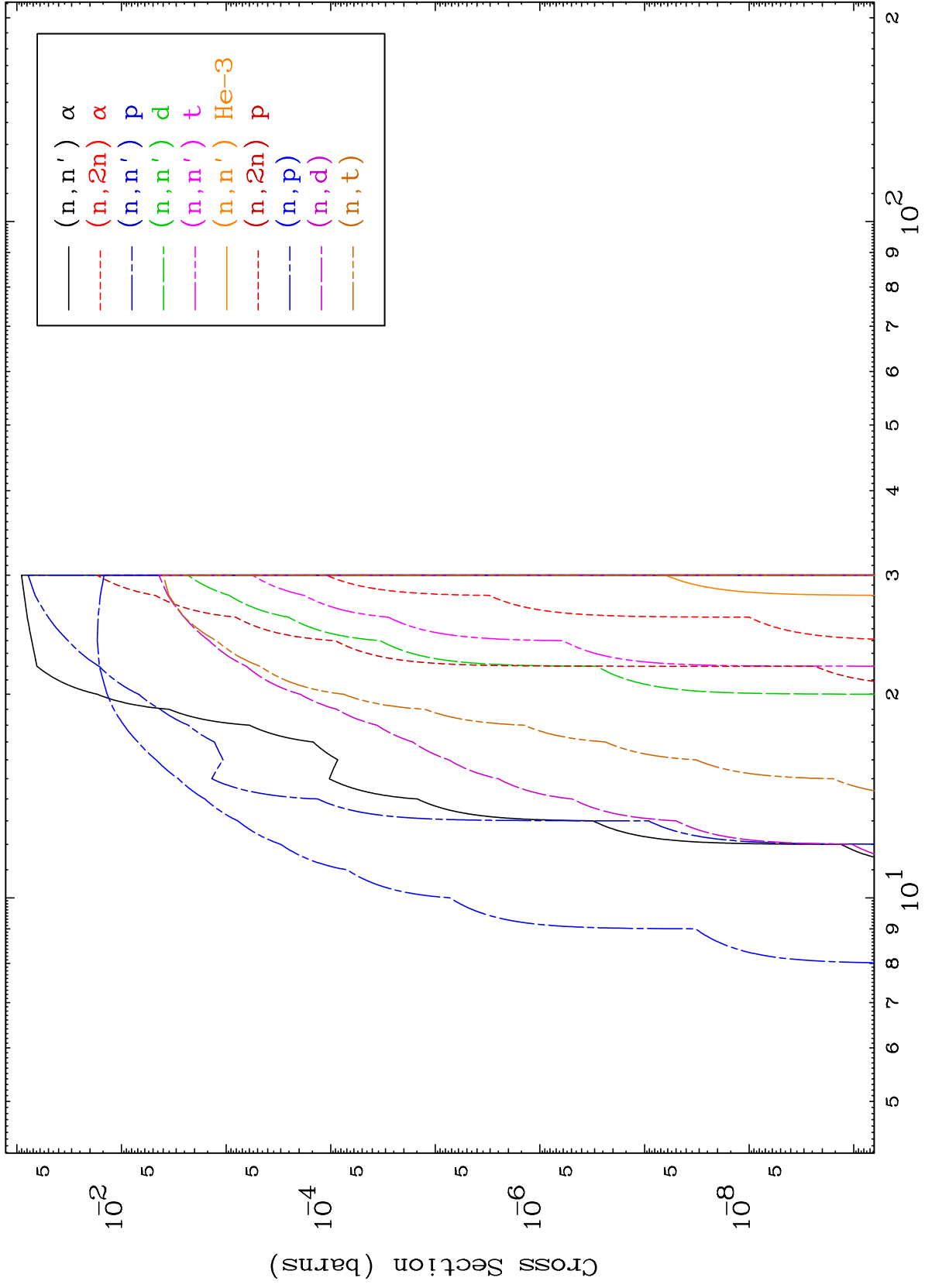
MAT 3928

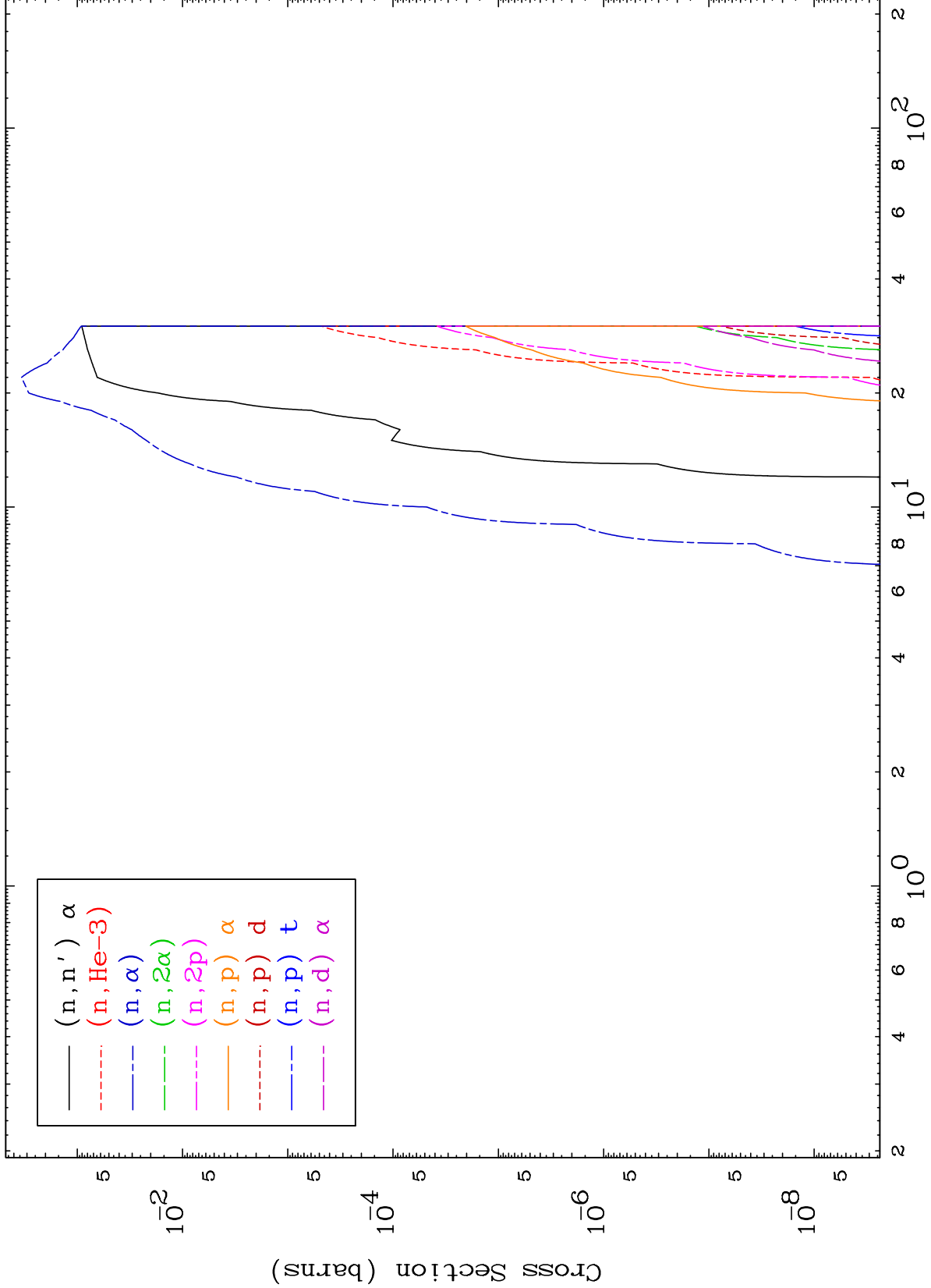
α Neutron Absorption
0 Kelvin Cross Sections

39-Y -90





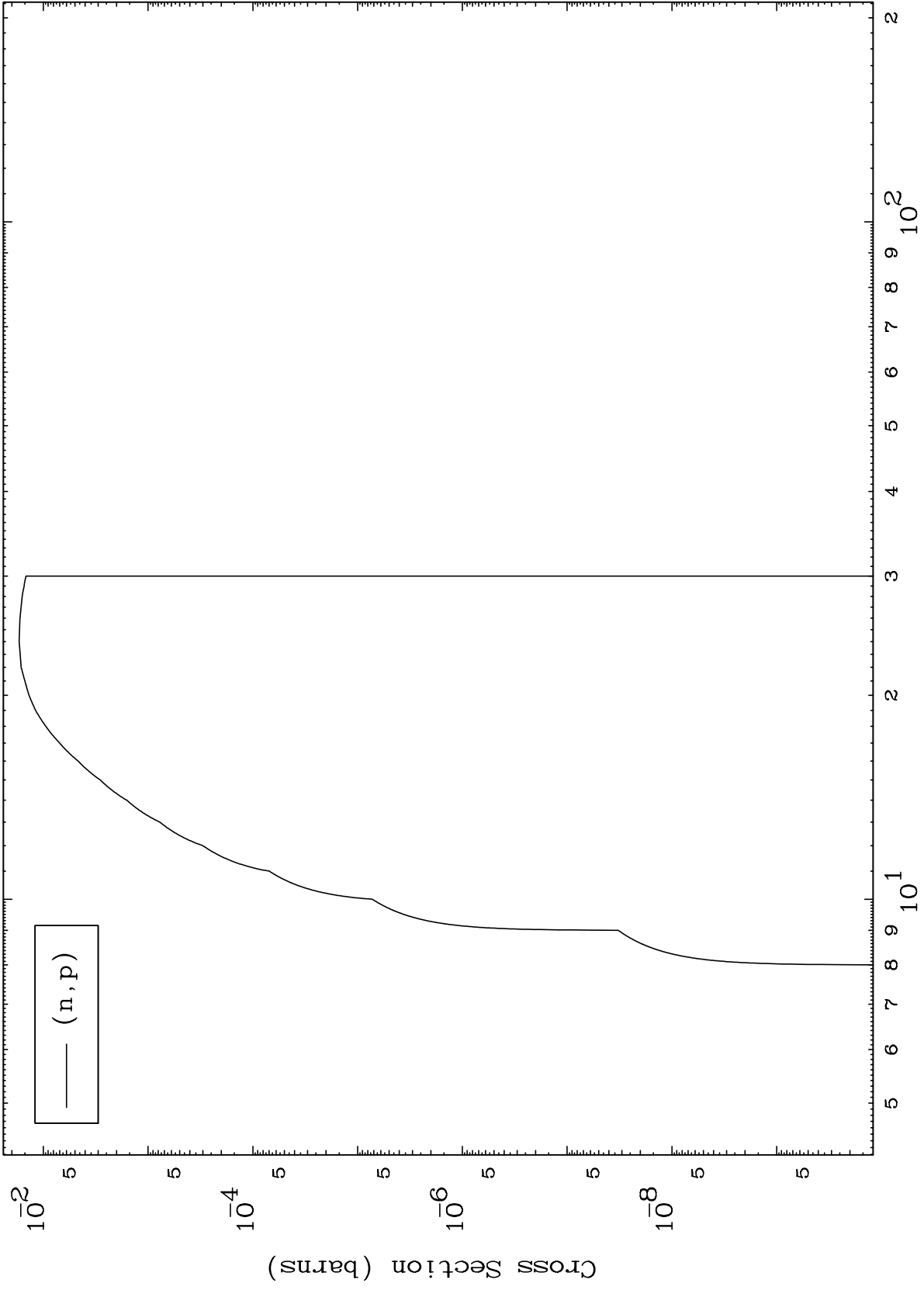




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(α, p) Levels
0 Kelvin Cross Sections

39-Y -90



7

Incident Energy (MeV)

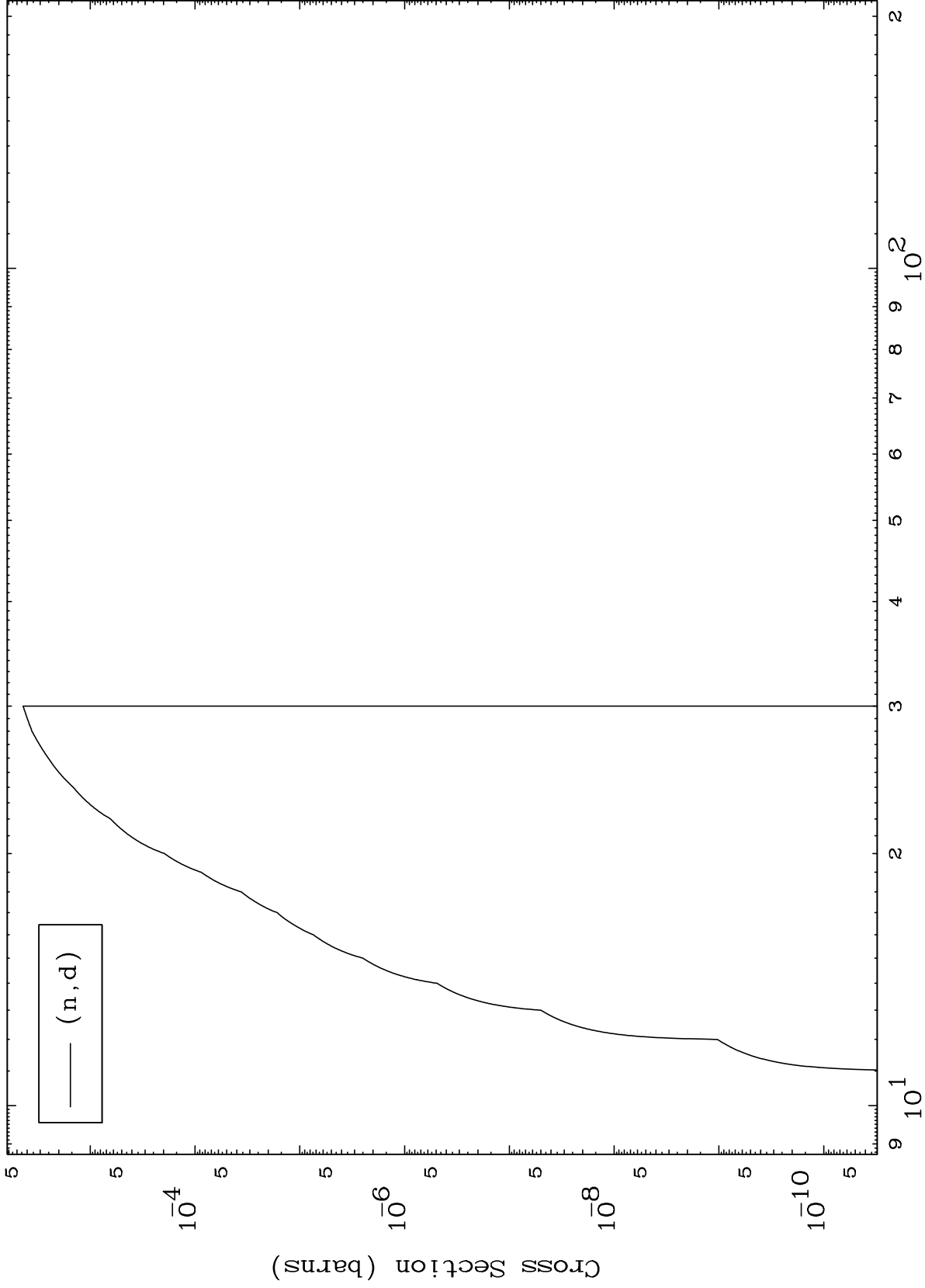
39-Y -90

MAT 3928

(α, d) Levels

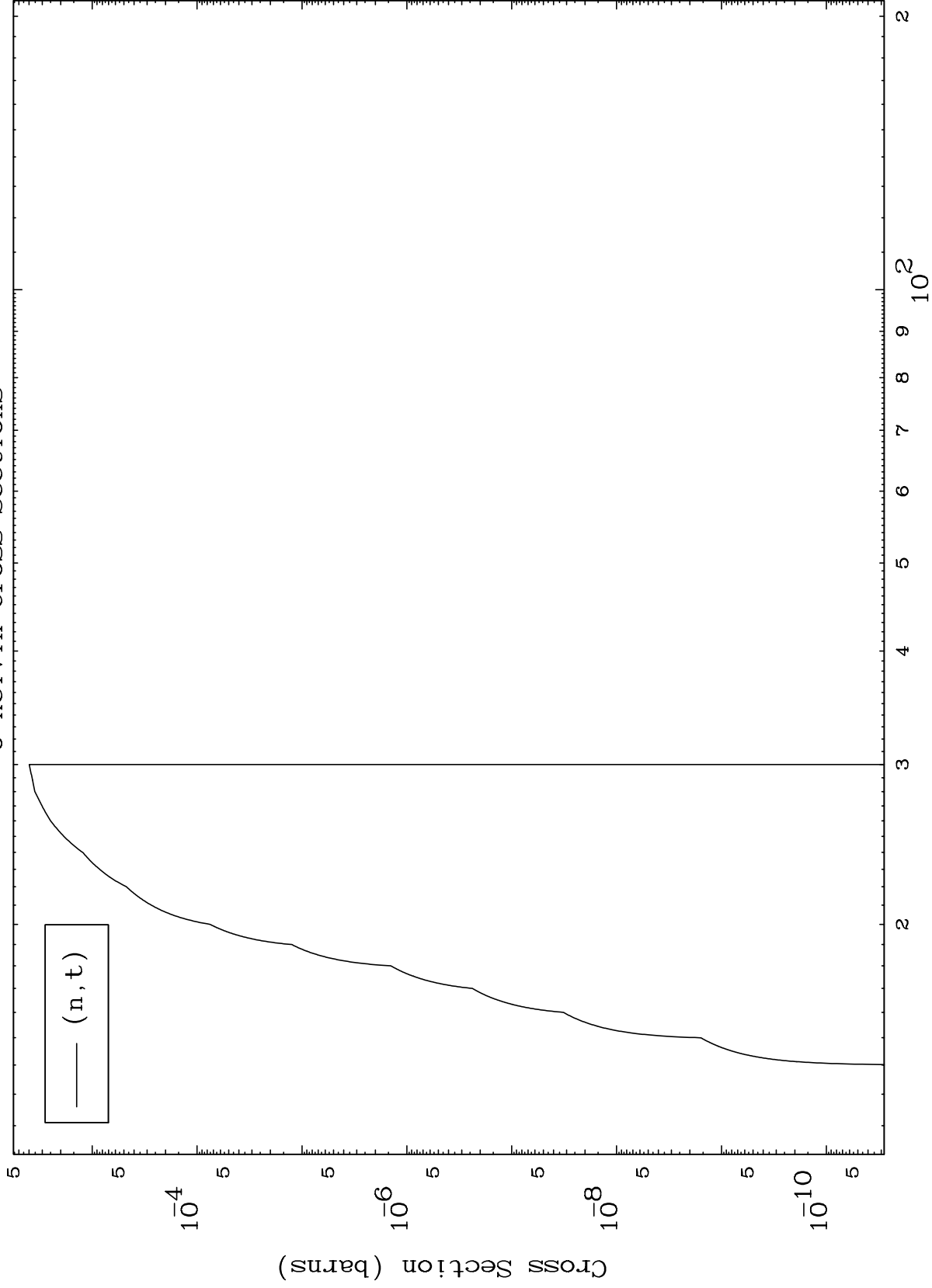
39-Y -90

0 Kelvin Cross Sections



Incident Energy (MeV)

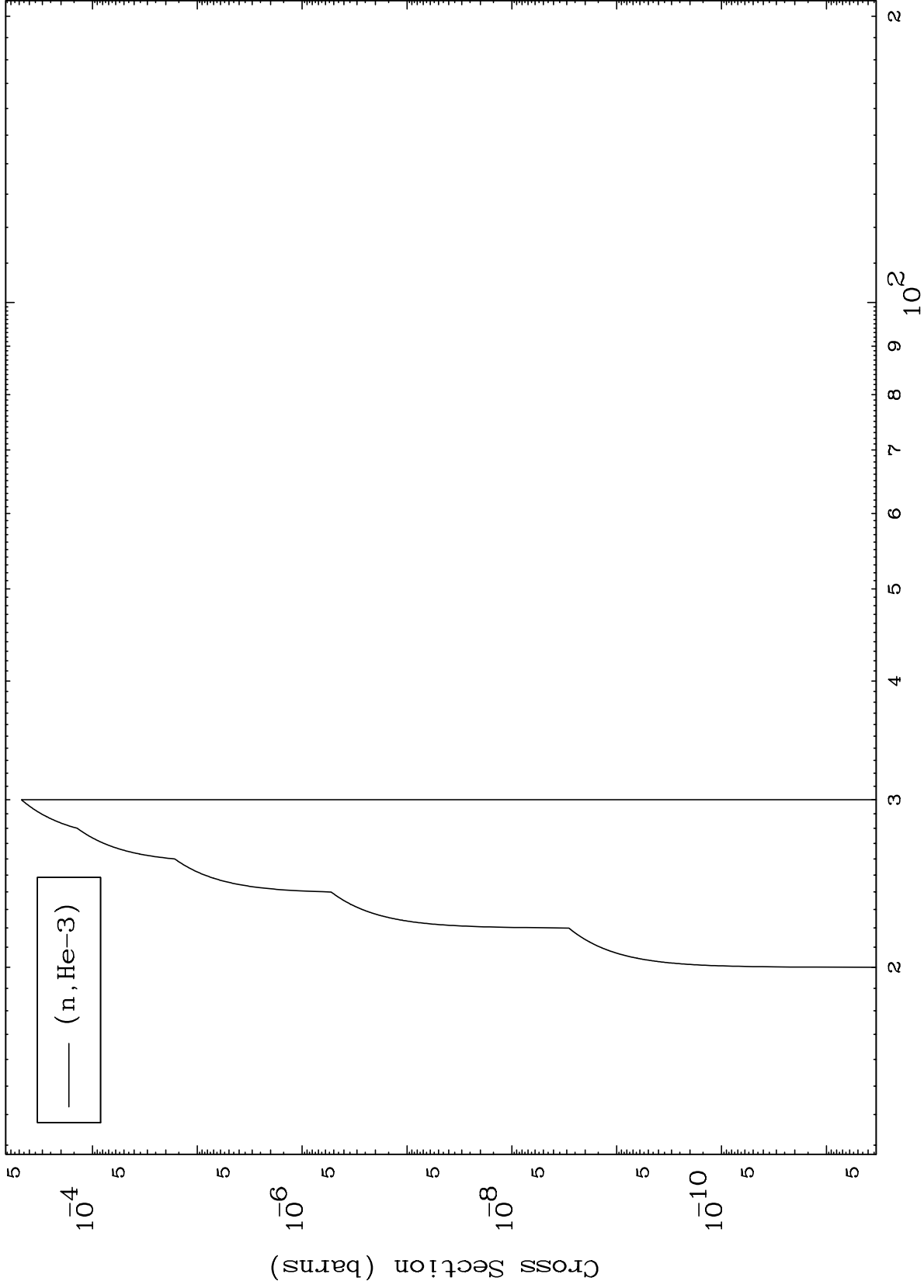
39-Y -90



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

39-Y -90



10

Incident Energy (MeV)

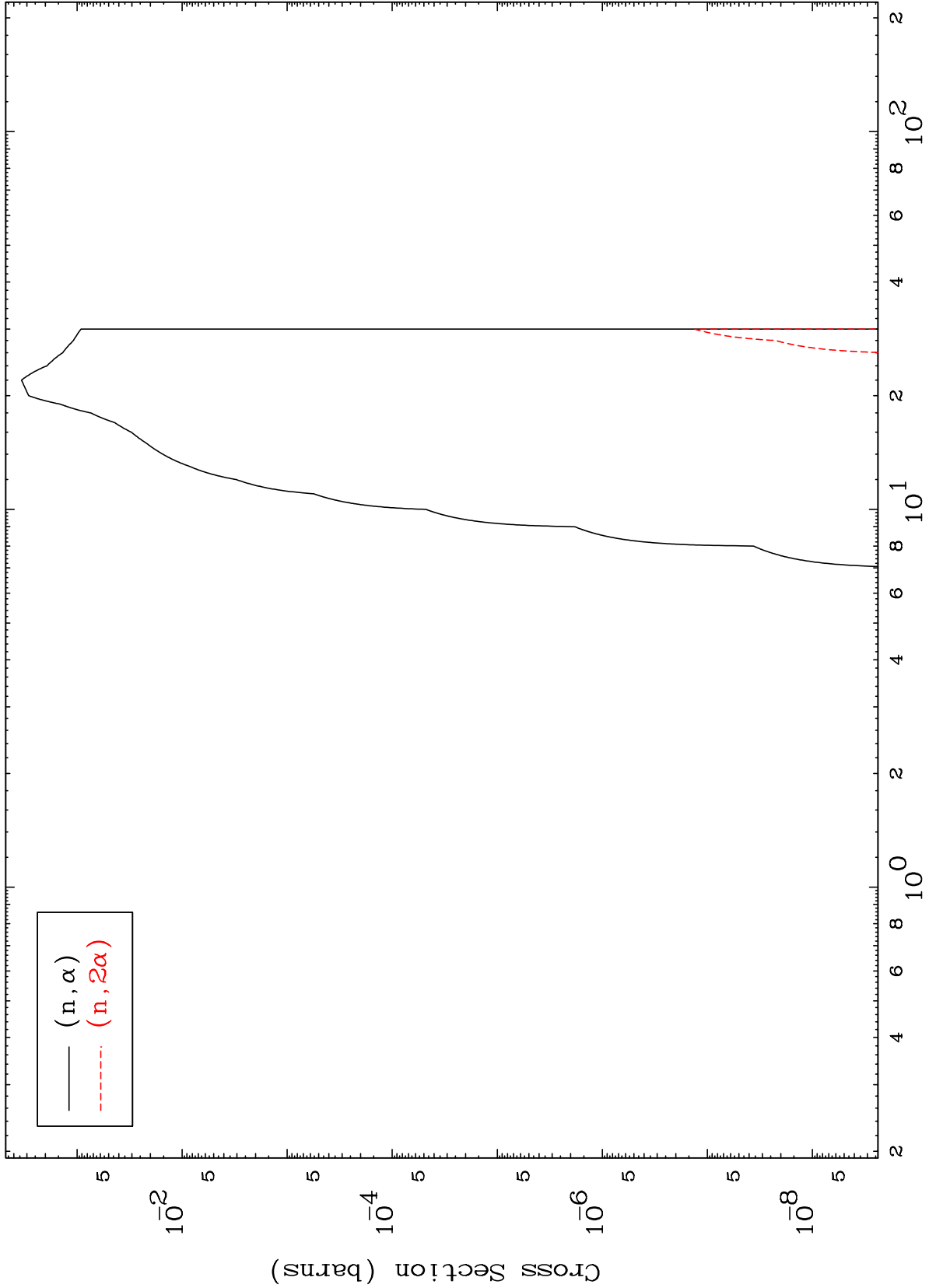
39-Y -90

MAT 3928

(α, α) Levels

39-Y -90

0 Kelvin Cross Sections

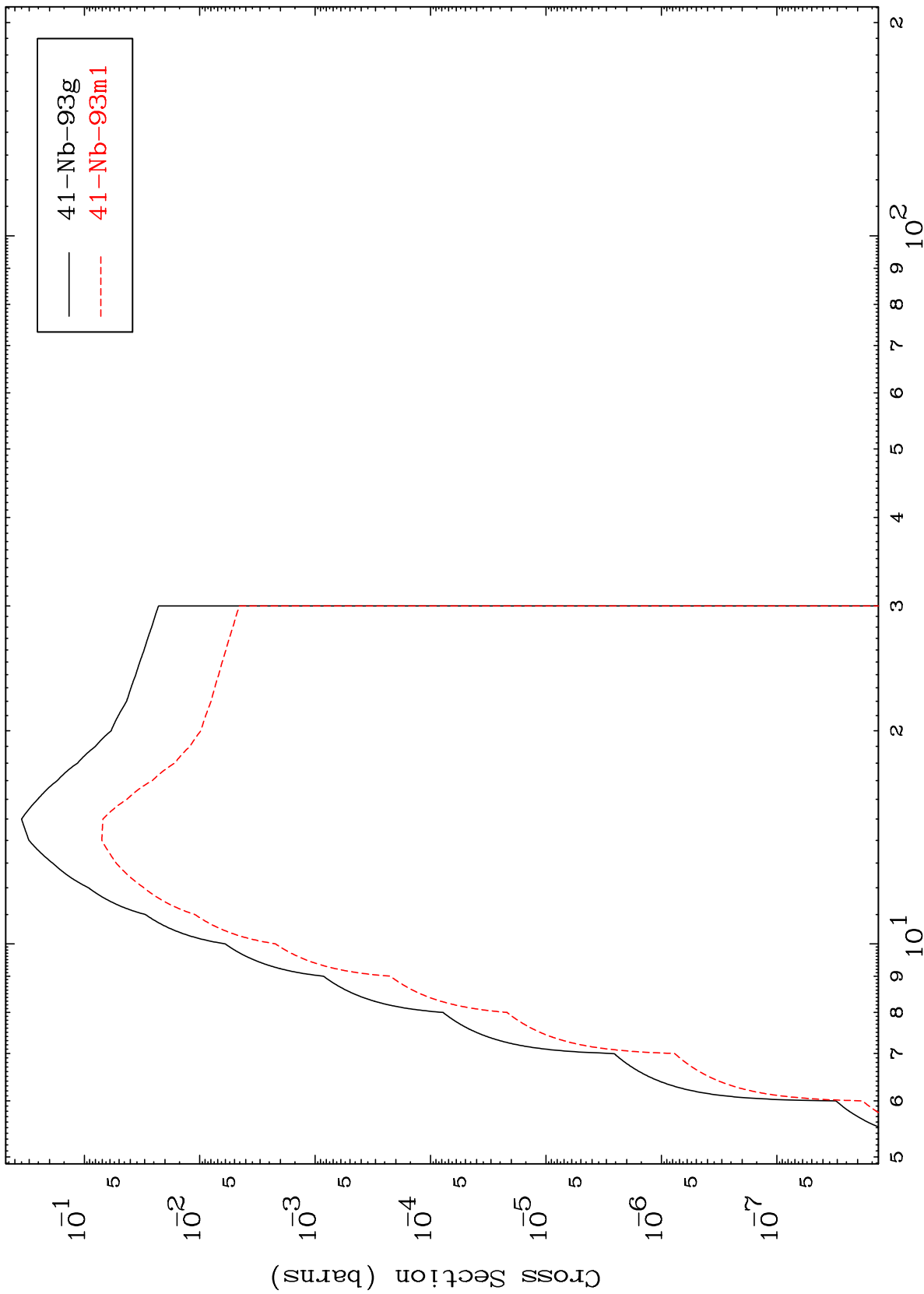


— (n, α)
- - - ($n, 2\alpha$)

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39-Y -90

Inelastic Radionuclide Production Cross Section

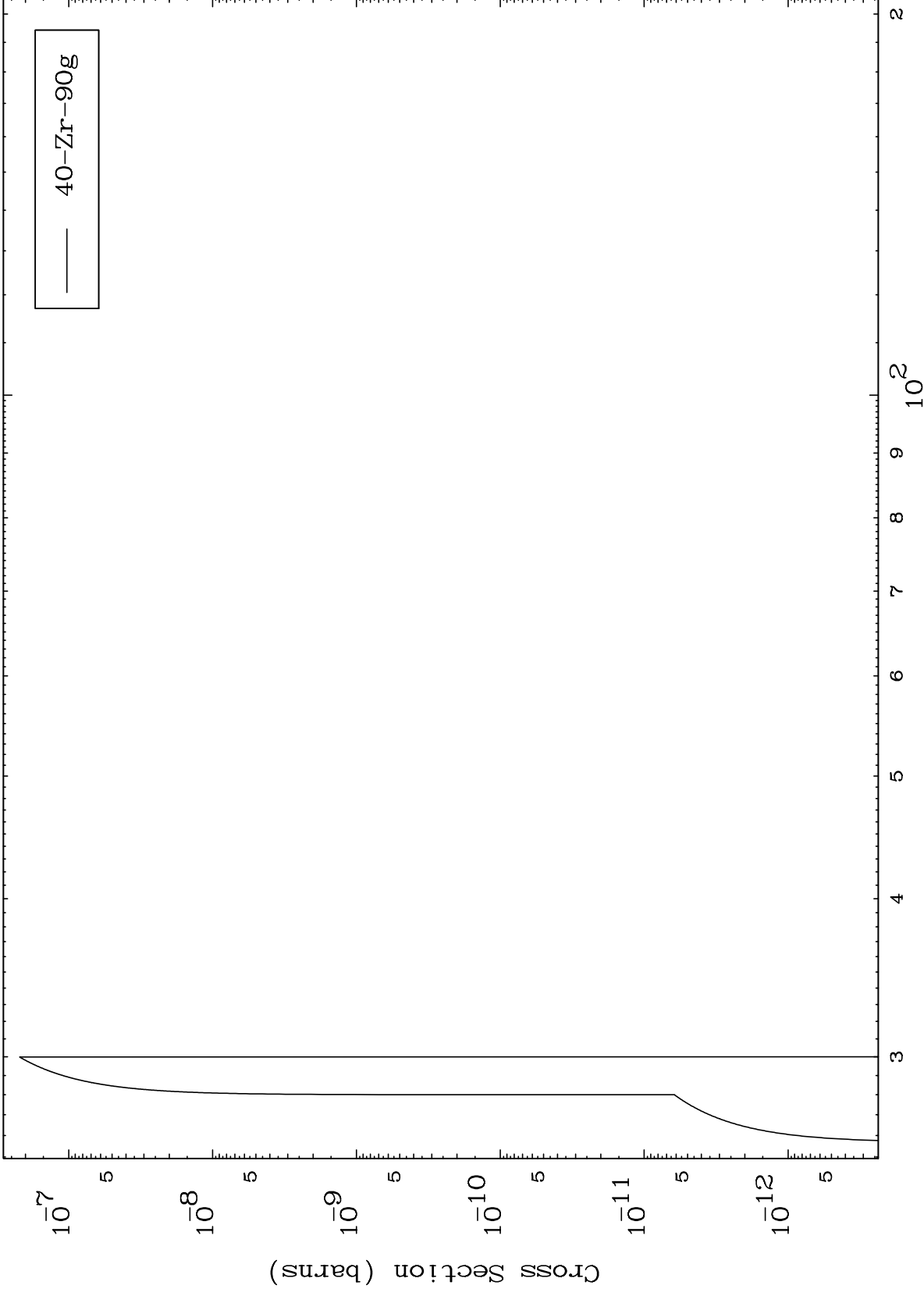


12

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section

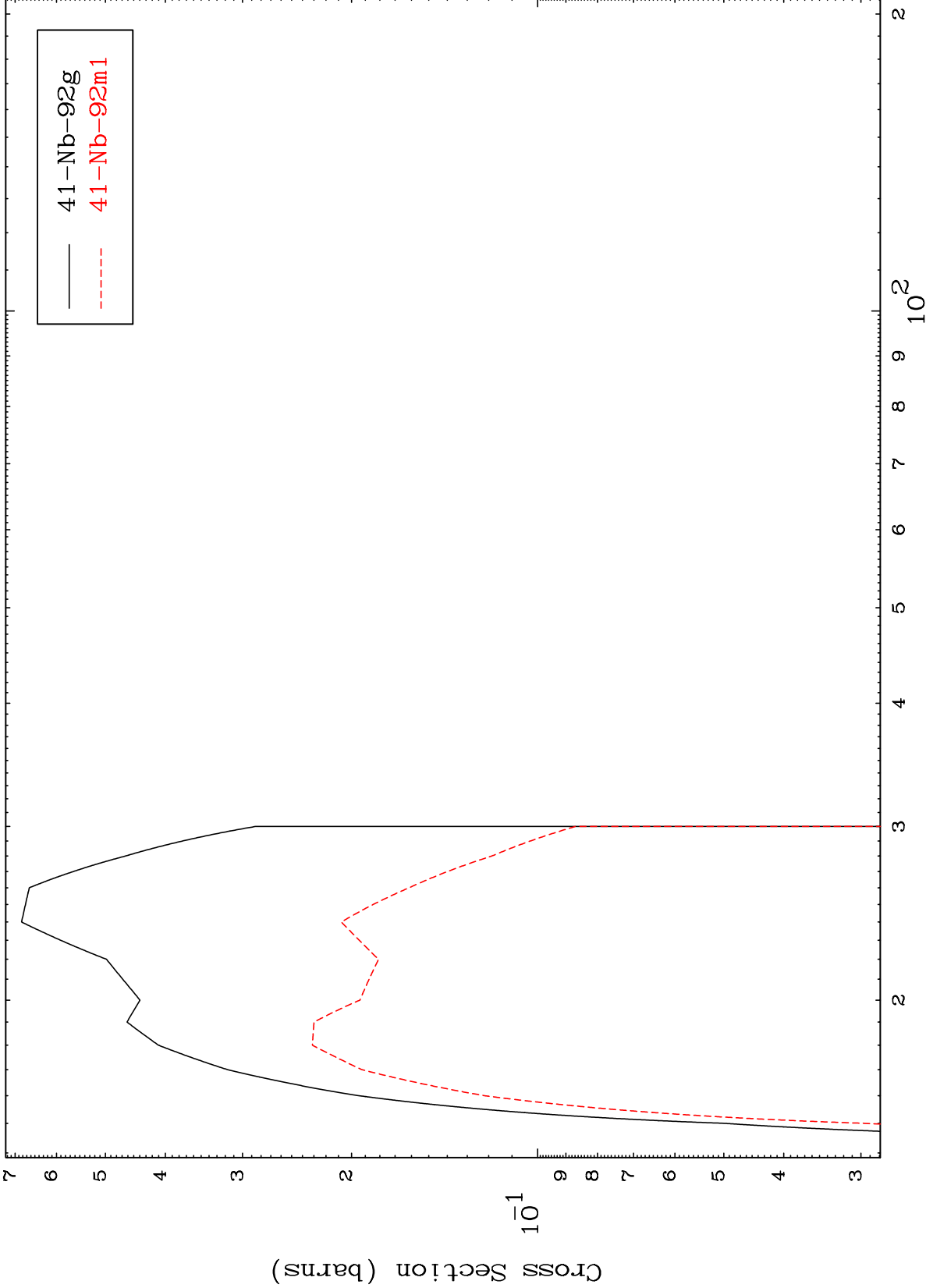


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(n,2n)

39-Y -90

Radionuclide Production Cross Section



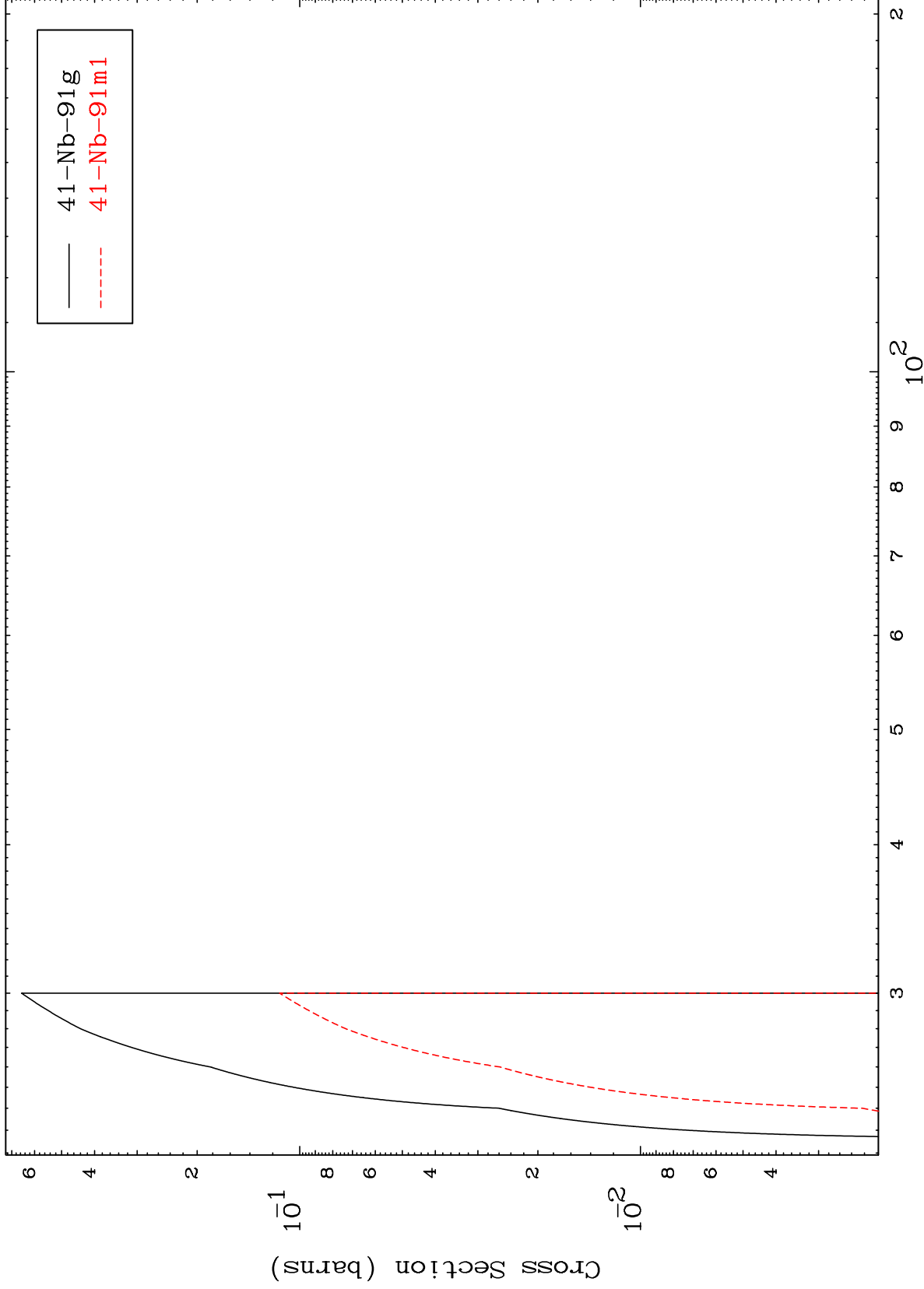
41-Nb-92g
41-Nb-92m1

14

Incident Energy (MeV)

39-Y -90

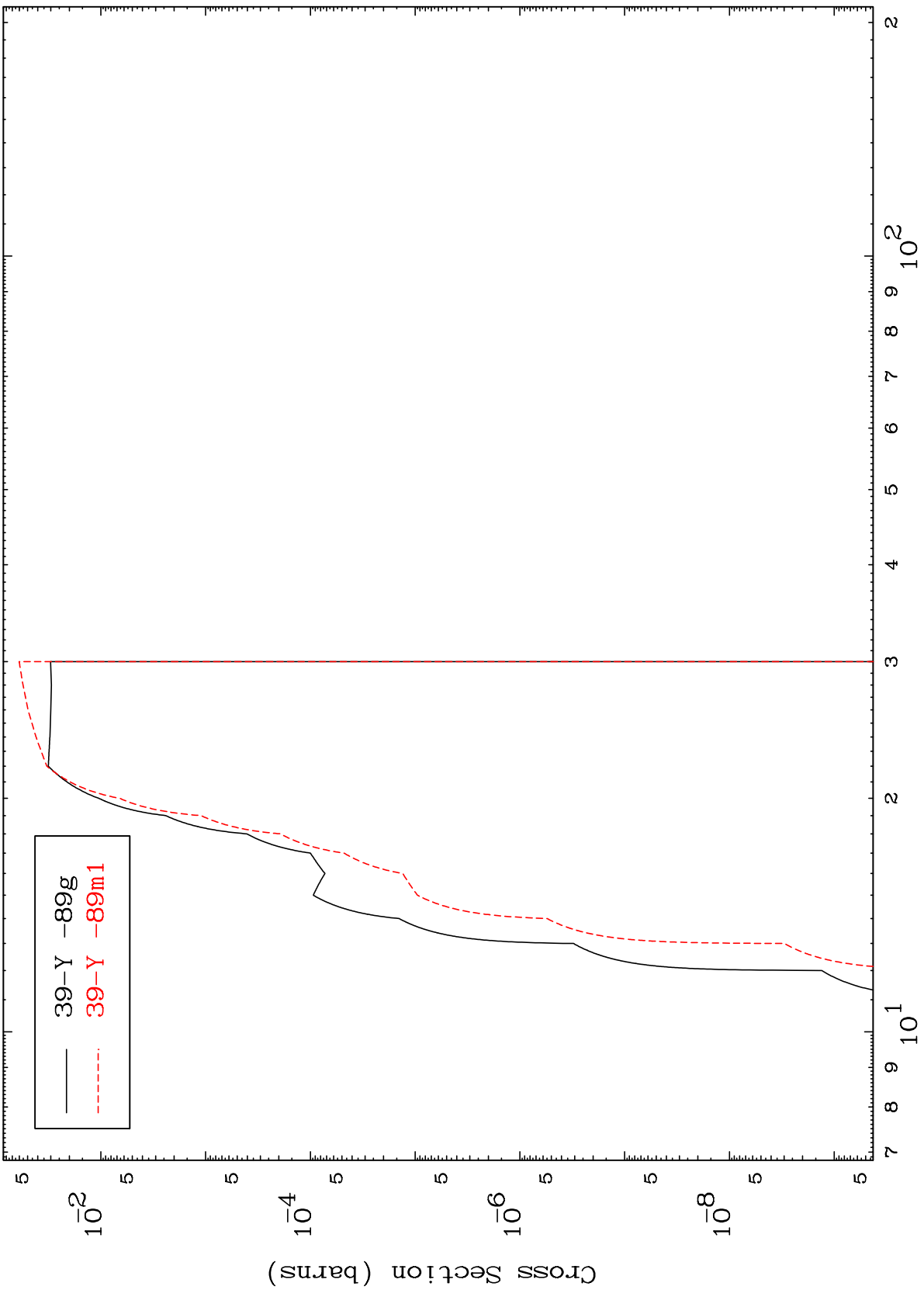
Radionuclide Production Cross Section



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39-Y -90

(n,n') α
Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

39-Y -90

Incident Energy (MeV)

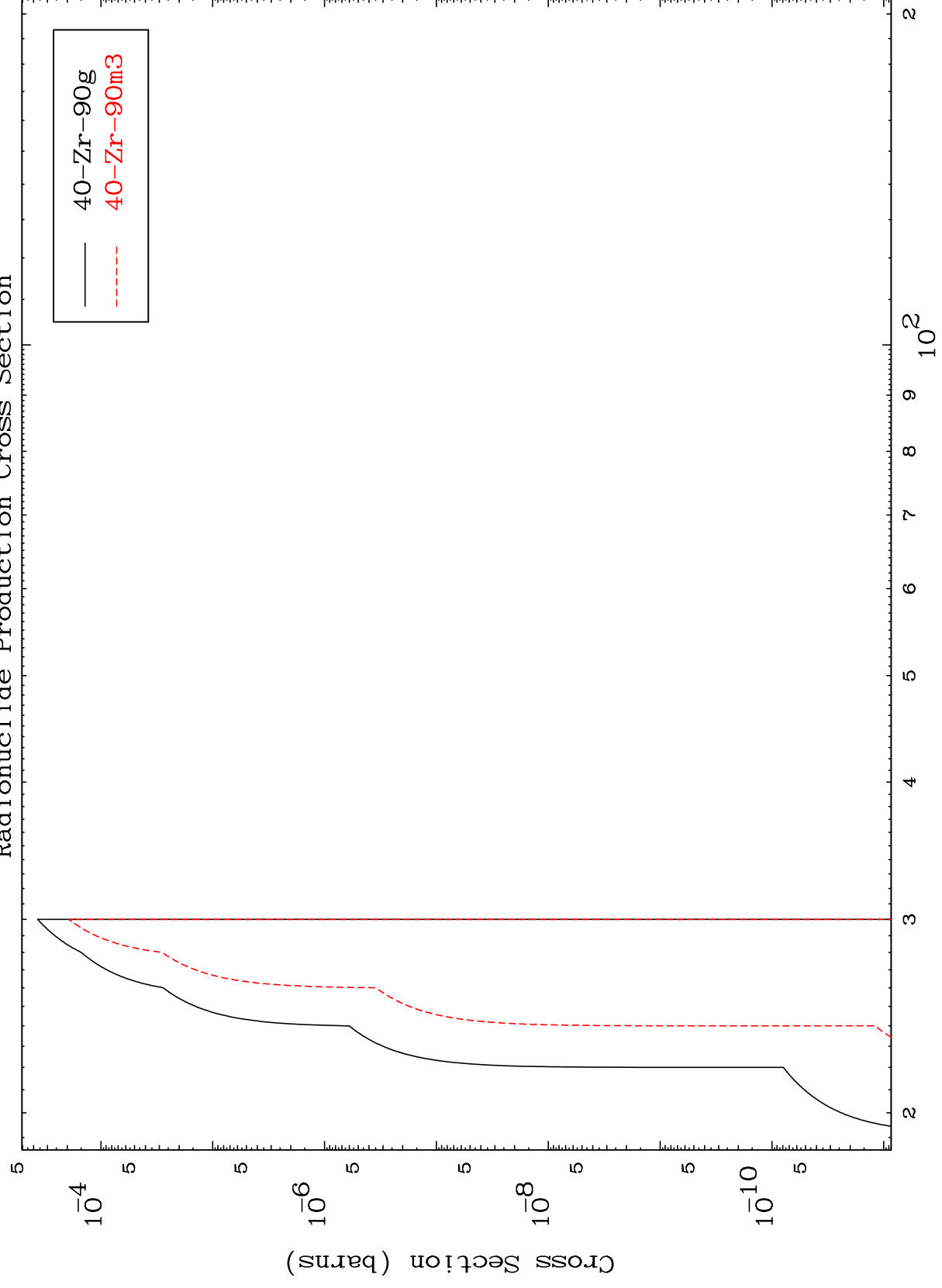
16

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(n,n') t

39-Y -90

Radionuclide Production Cross Section

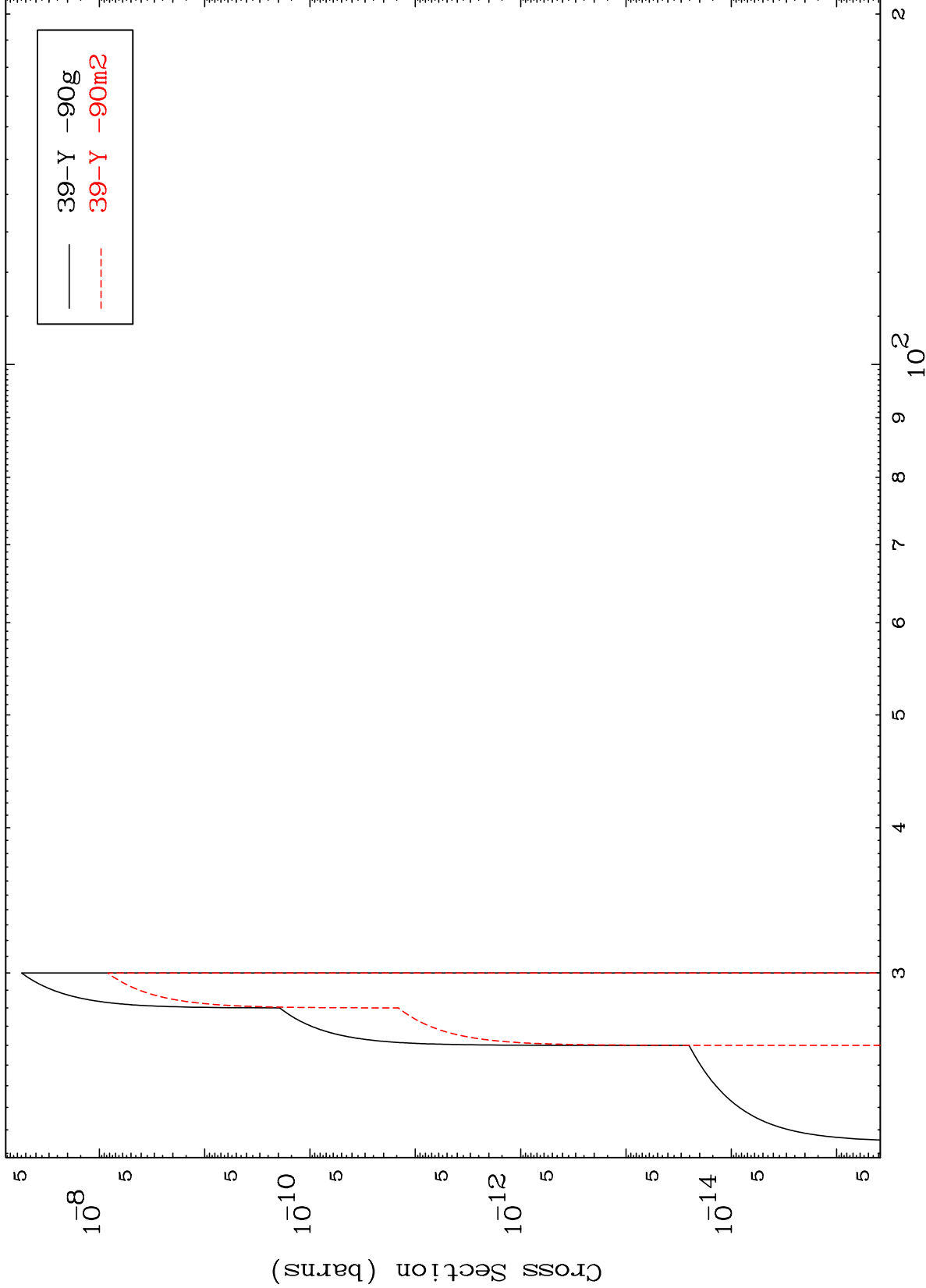


17

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section



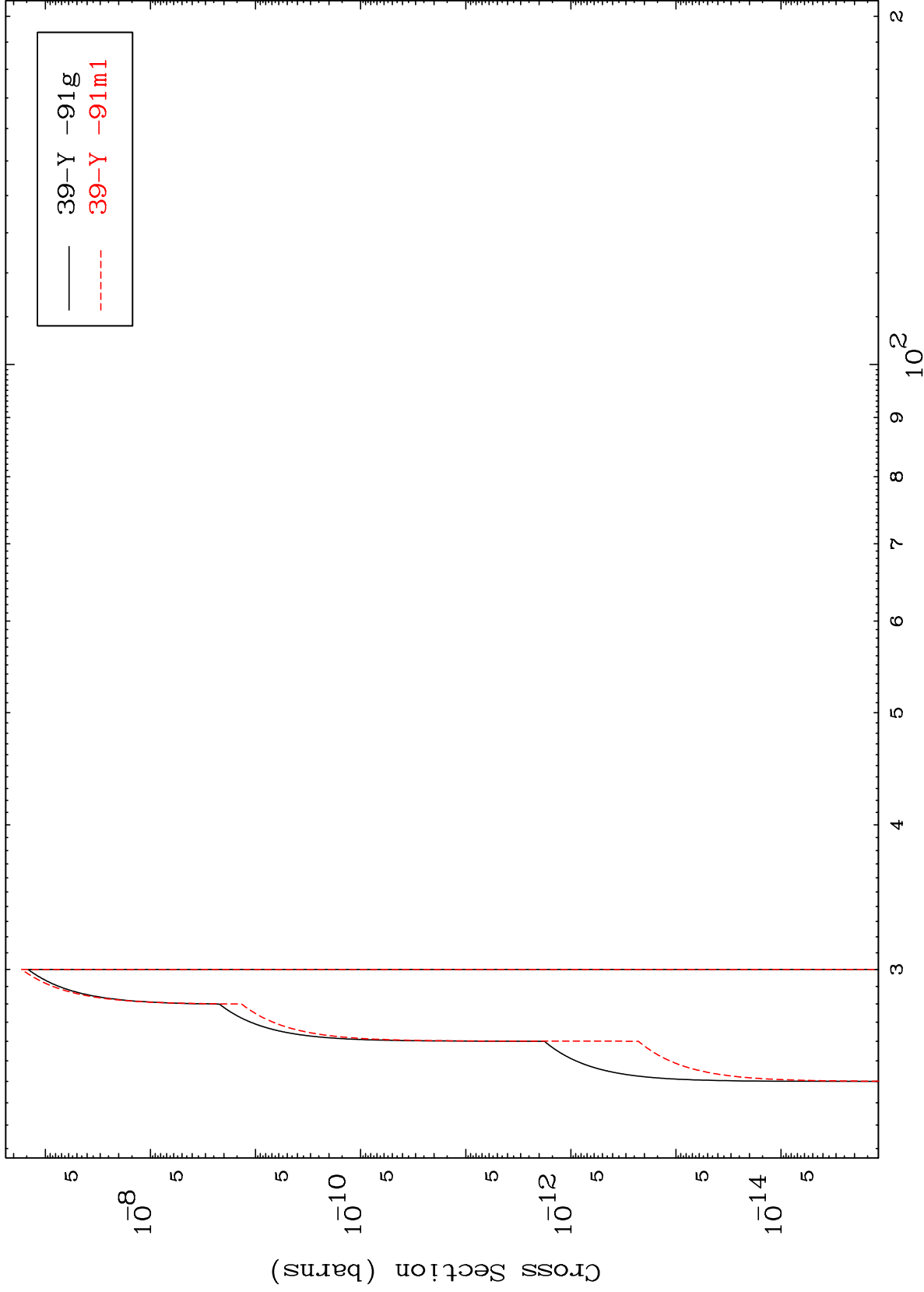
39-Y -90g
39-Y -90m2

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(n,2n) p

39-Y -90

Radionuclide Production Cross Section



19

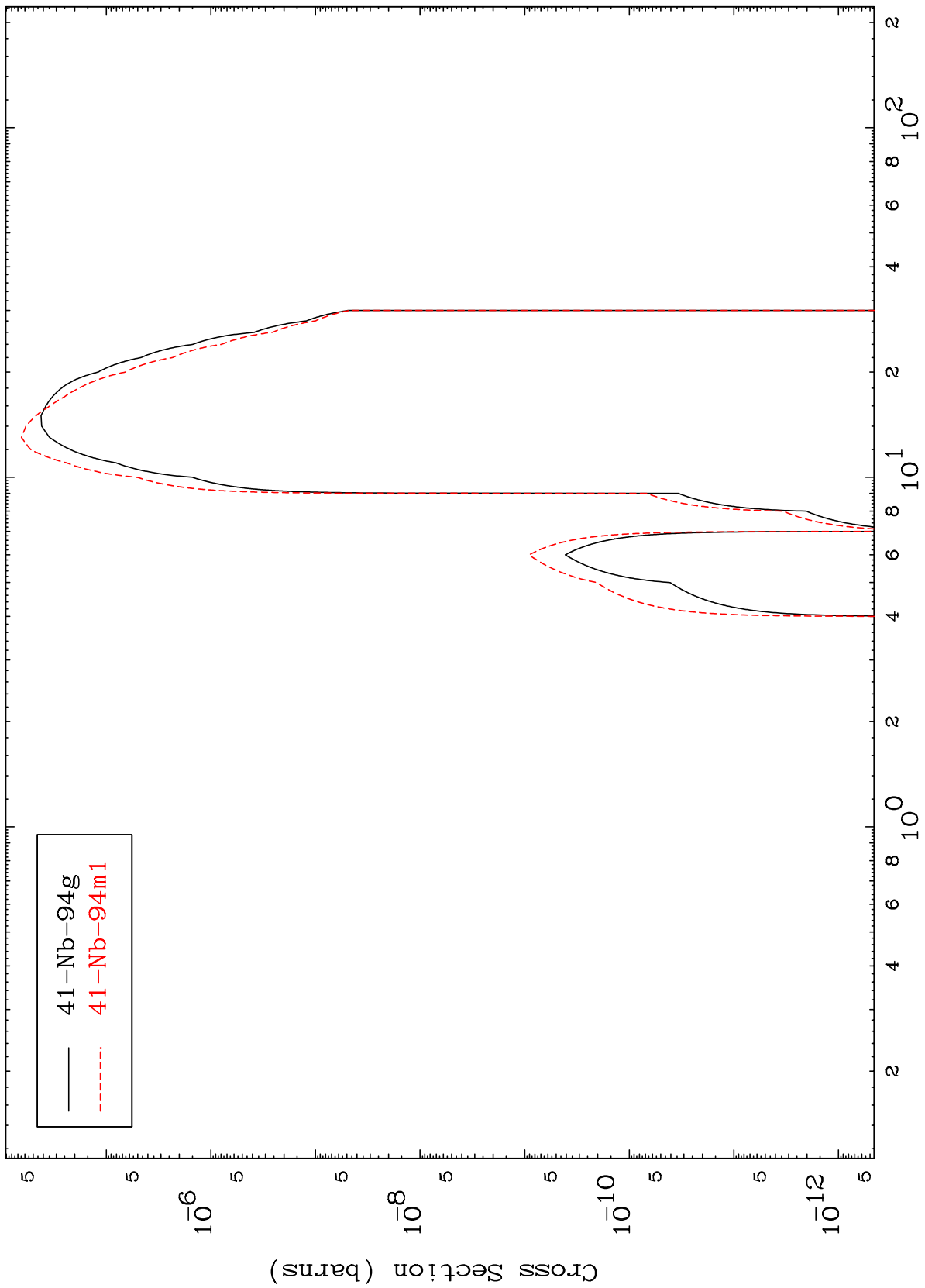
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section
(n, γ)



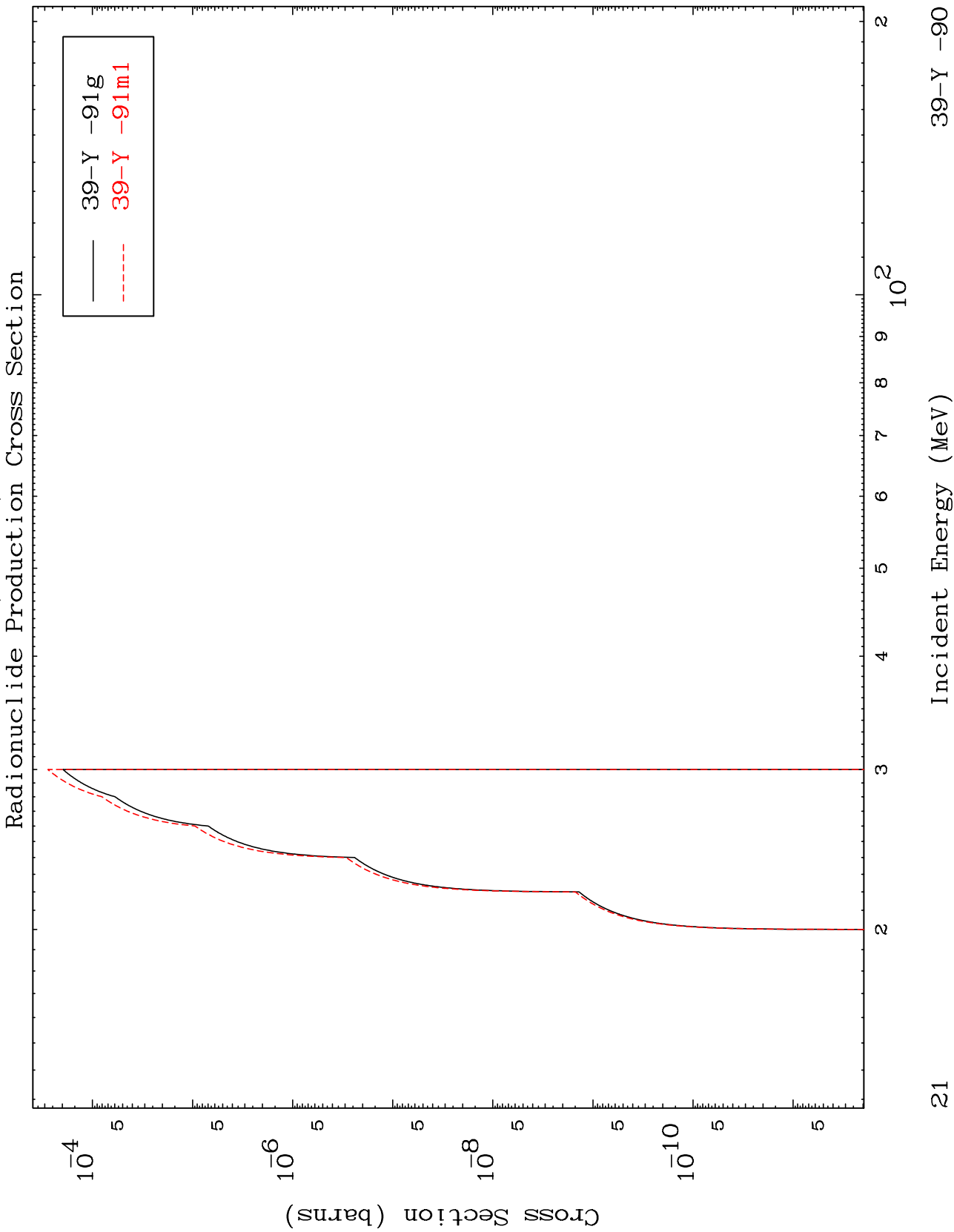
20

Incident Energy (MeV)

39-Y -90

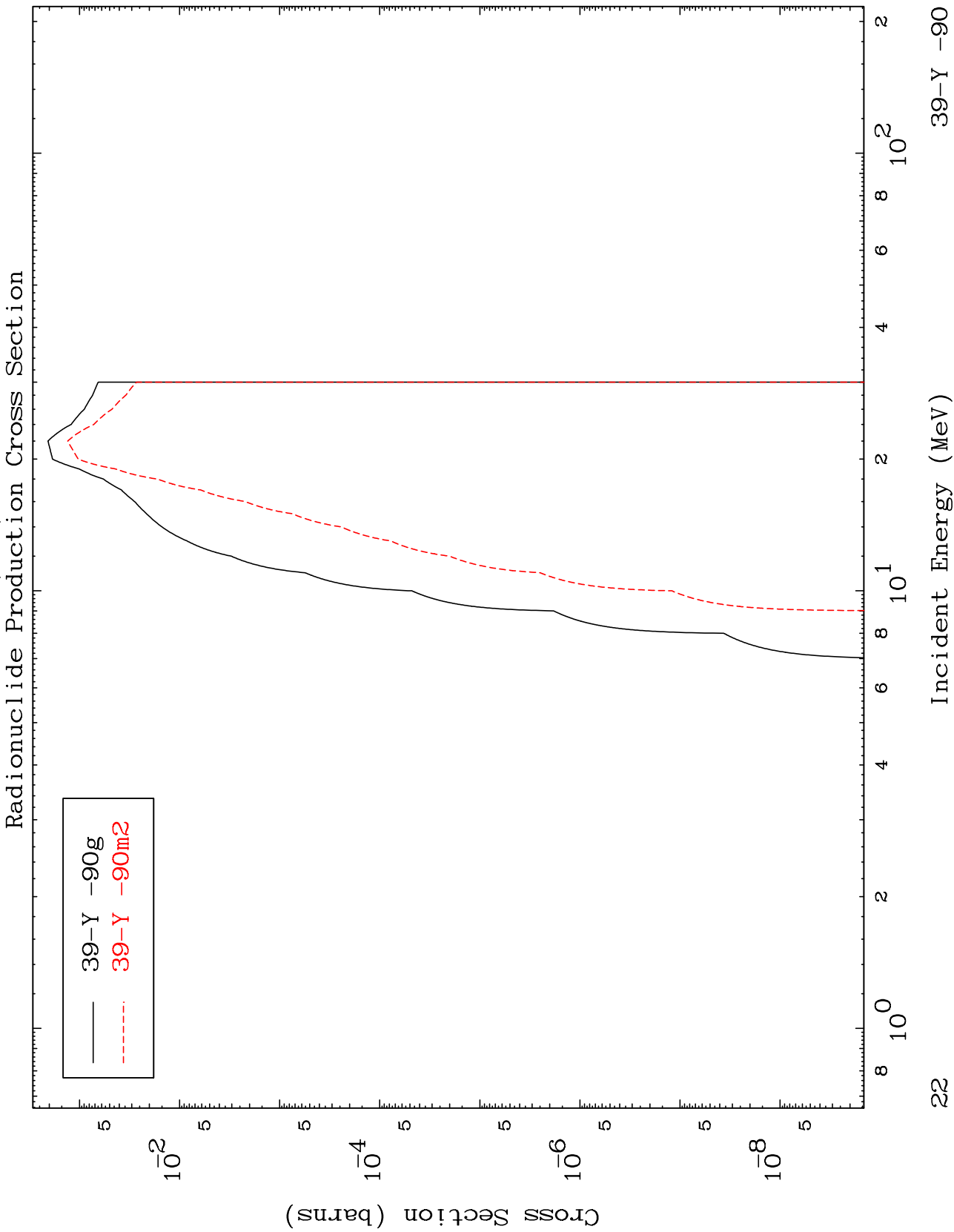
MAT 3928

39-Y -90



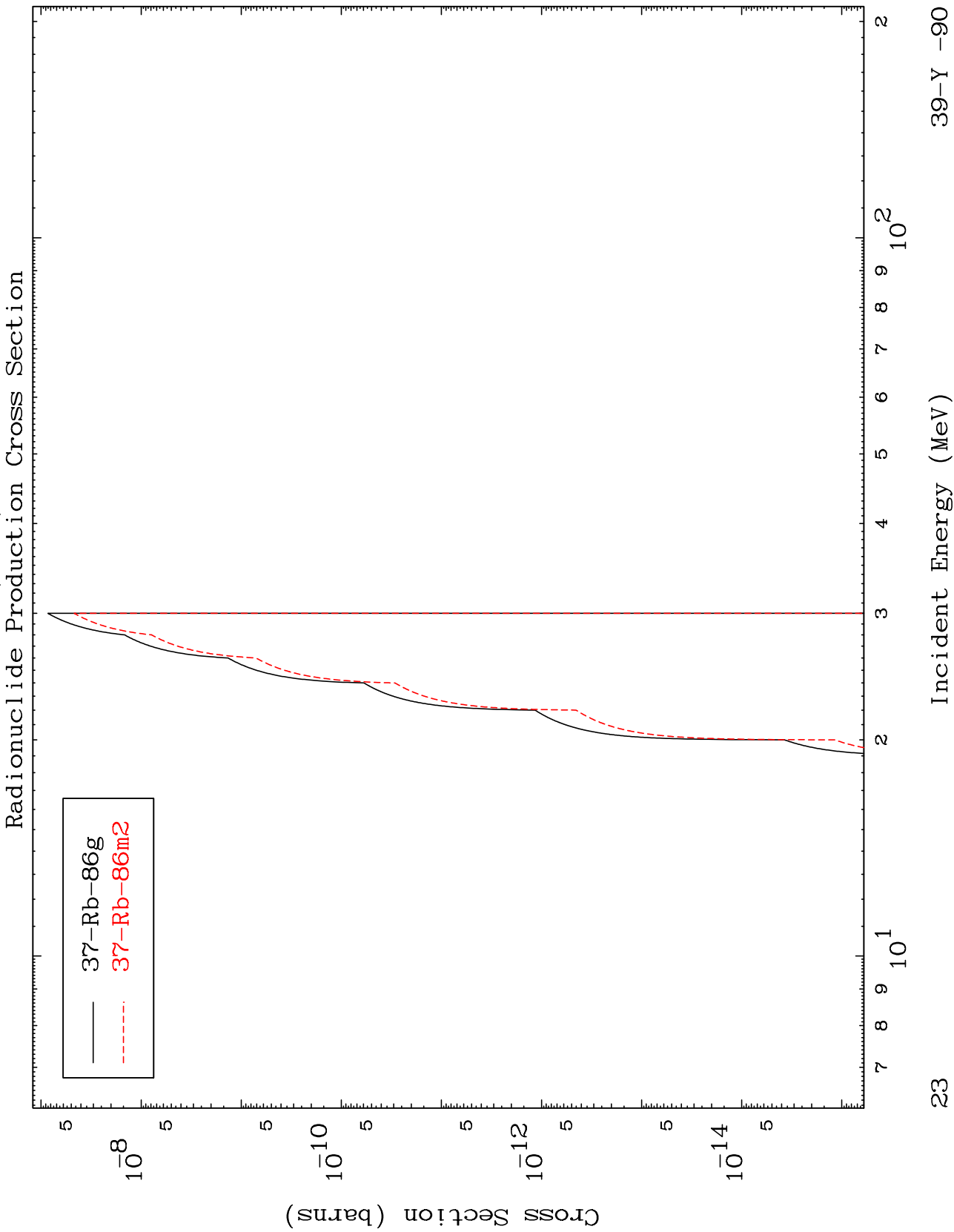
MAT 3928

39-Y -90



MAT 3928

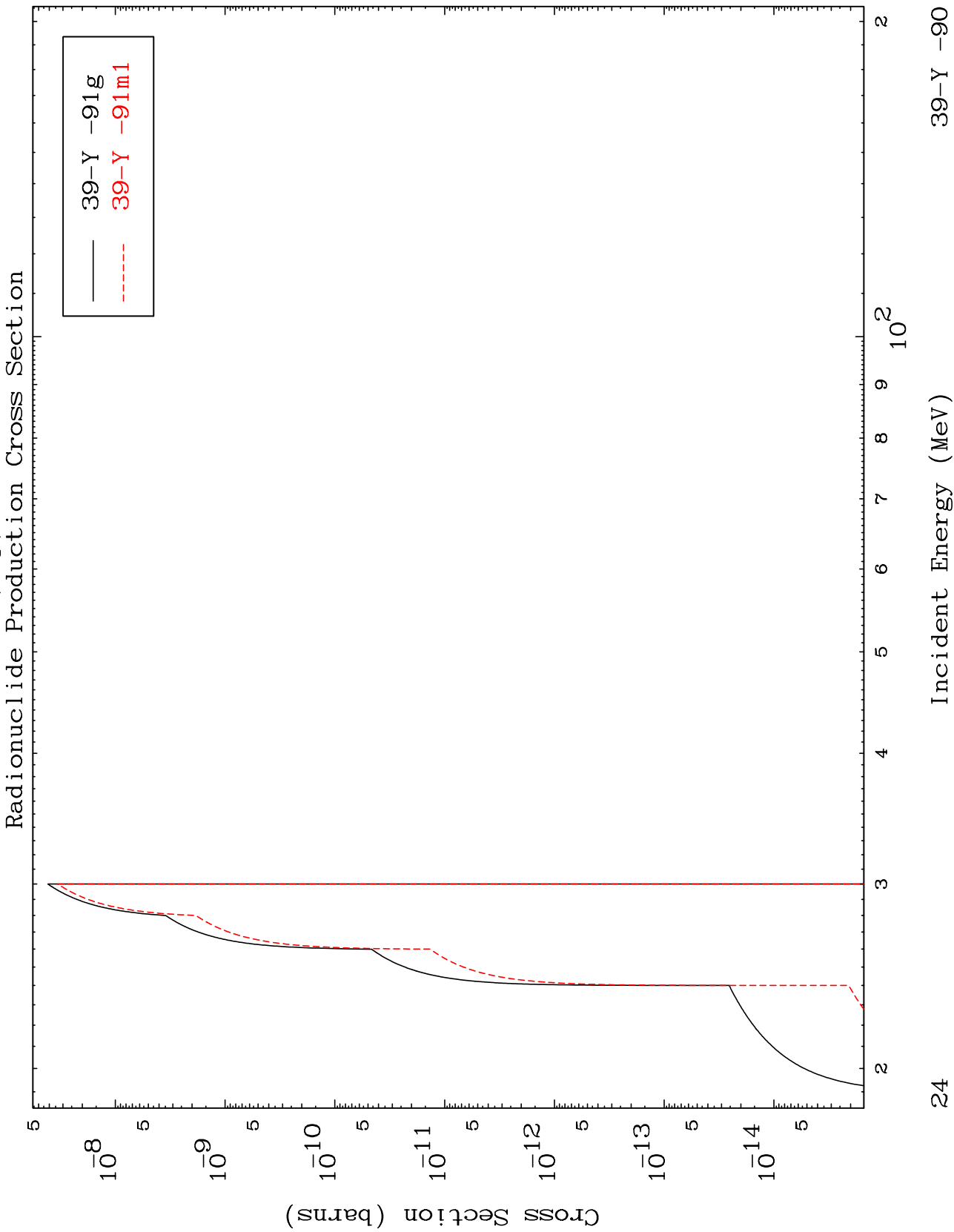
39-Y -90



MAT 3928

(n,p) d

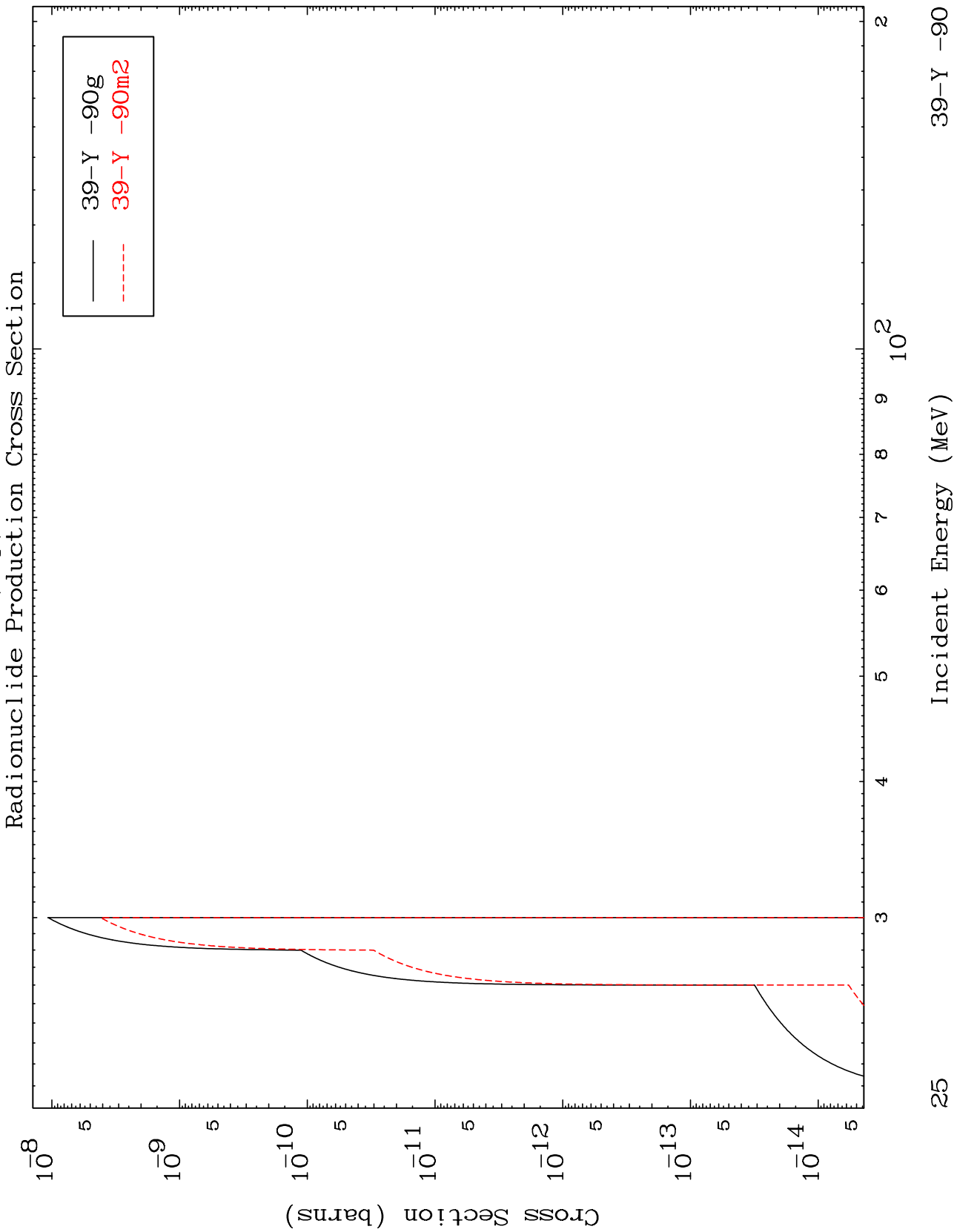
39-Y -90



MAT 3928

(n,p) t

39-Y -90



25

Incident Energy (MeV)

39-Y -90