

Program EVALPLOT
(Version 2021-1)

by

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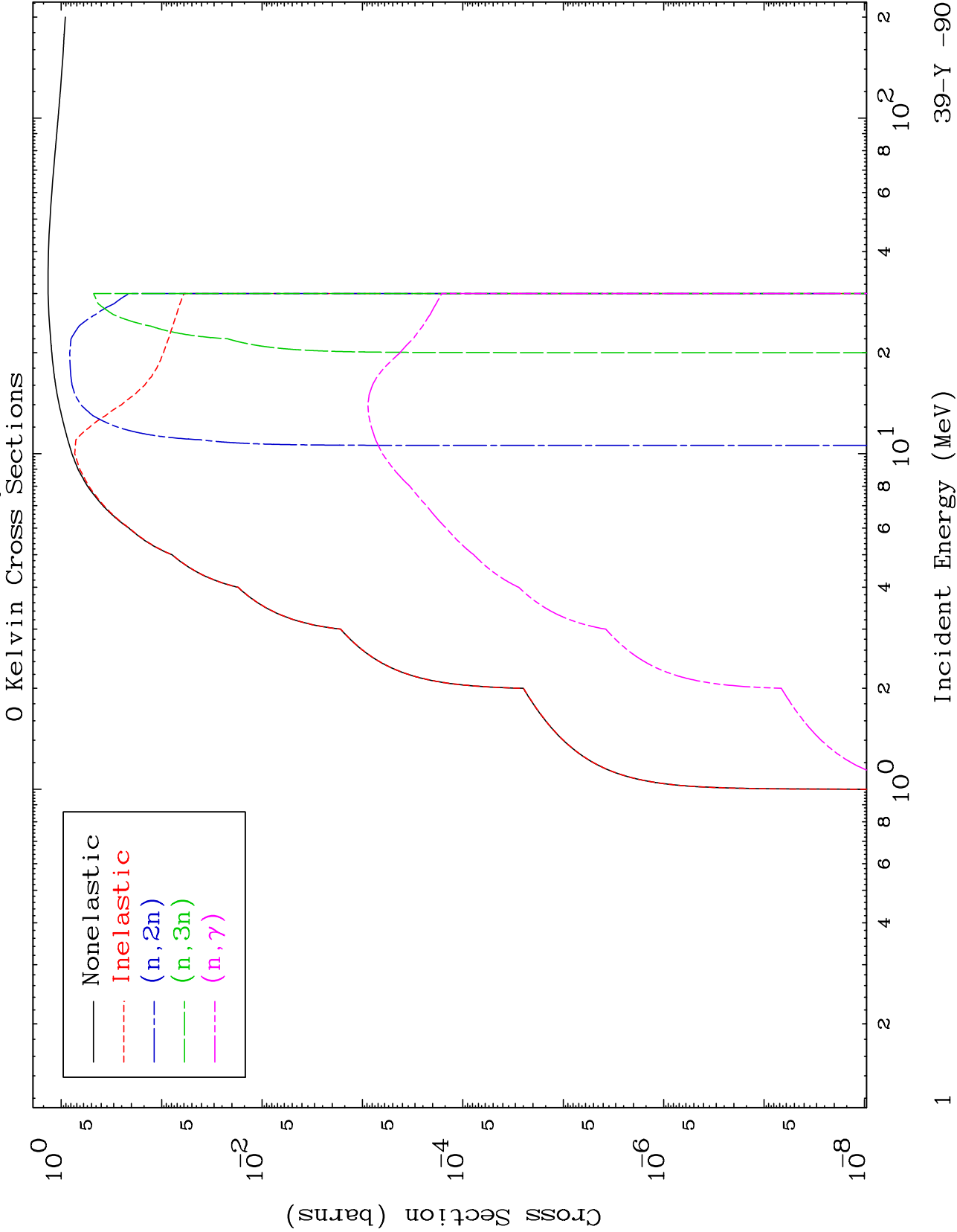
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

Proton Major

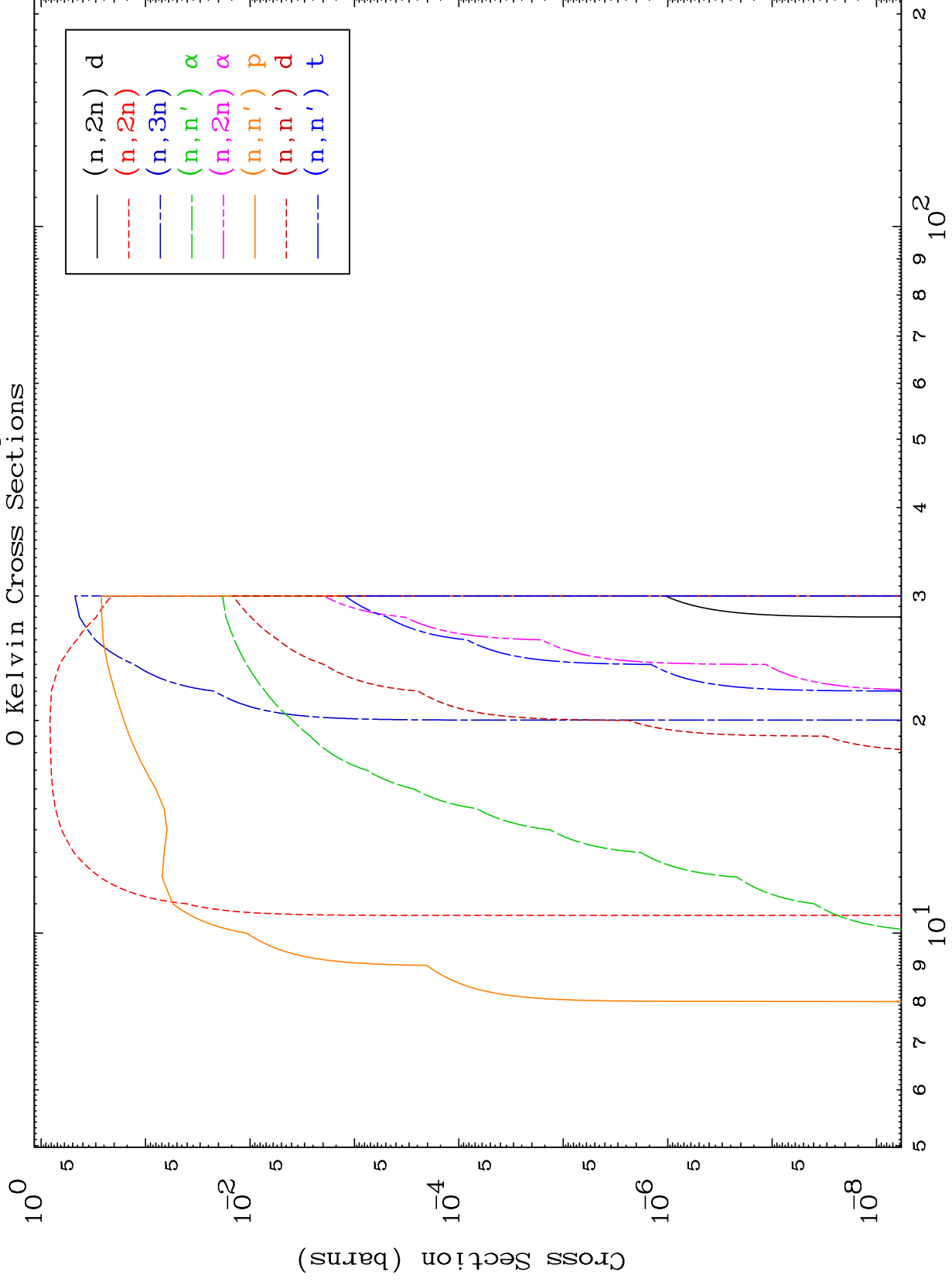
39-Y -90



MAT 3928

Proton Neutron Absorption
0 Kelvin Cross Sections

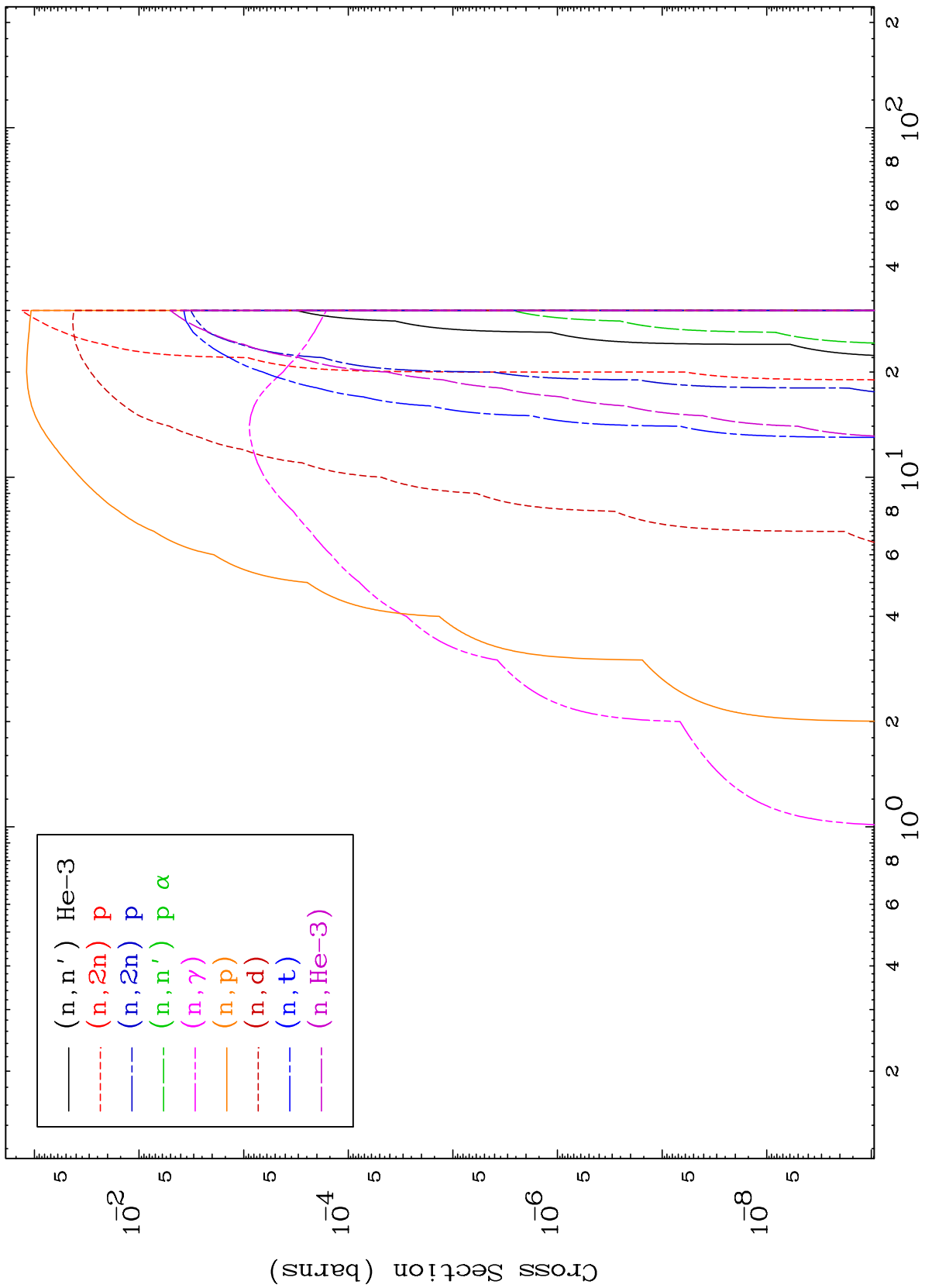
39-Y -90



2

Incident Energy (MeV)

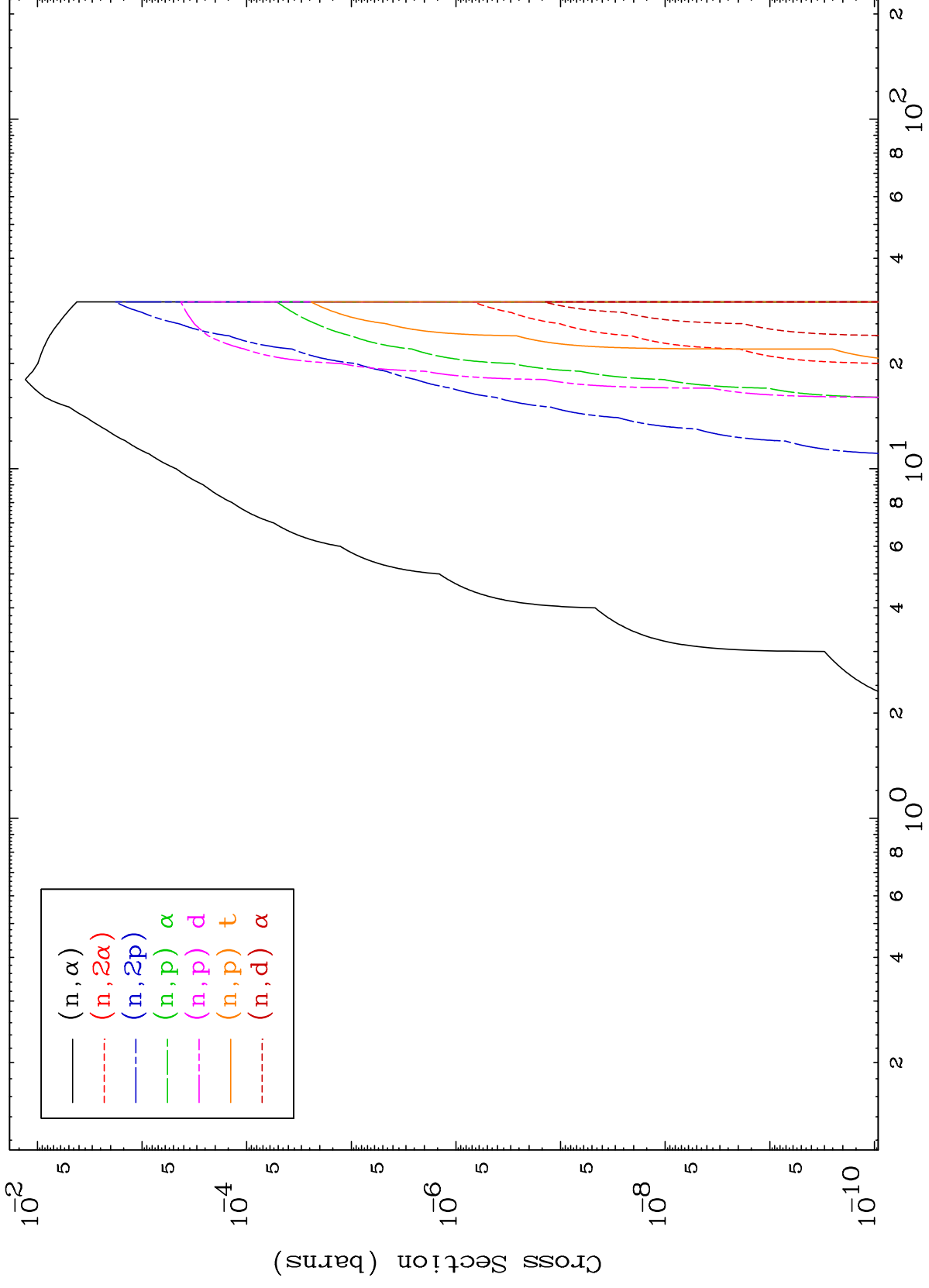
39-Y -90



MAT 3928

Proton Neutron Absorption
0 Kelvin Cross Sections

39-Y -90



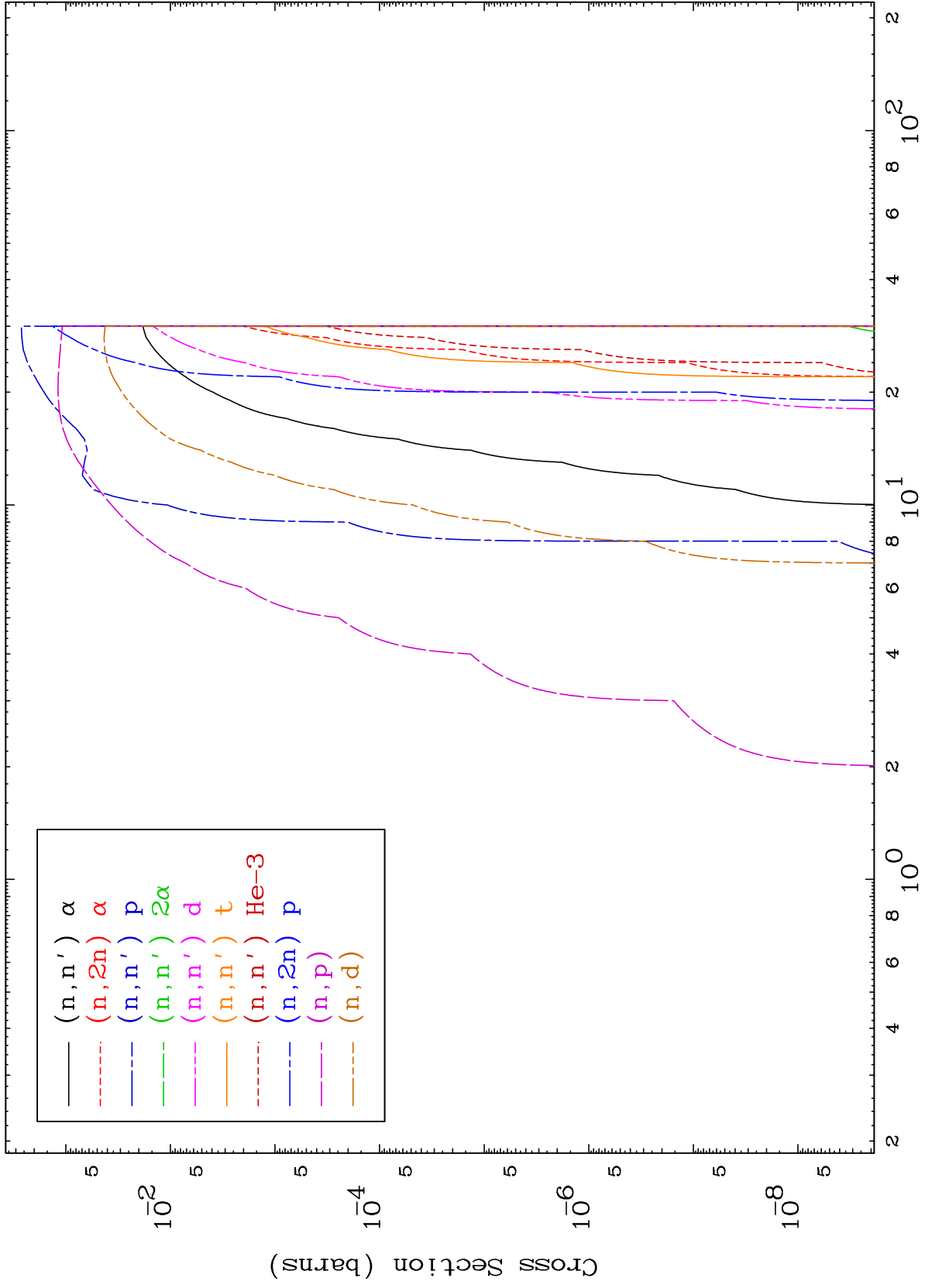
Incident Energy (MeV)

39-Y -90

MAT 3928

Proton Charged Particle
0 Kelvin Cross Sections

39-Y -90



5

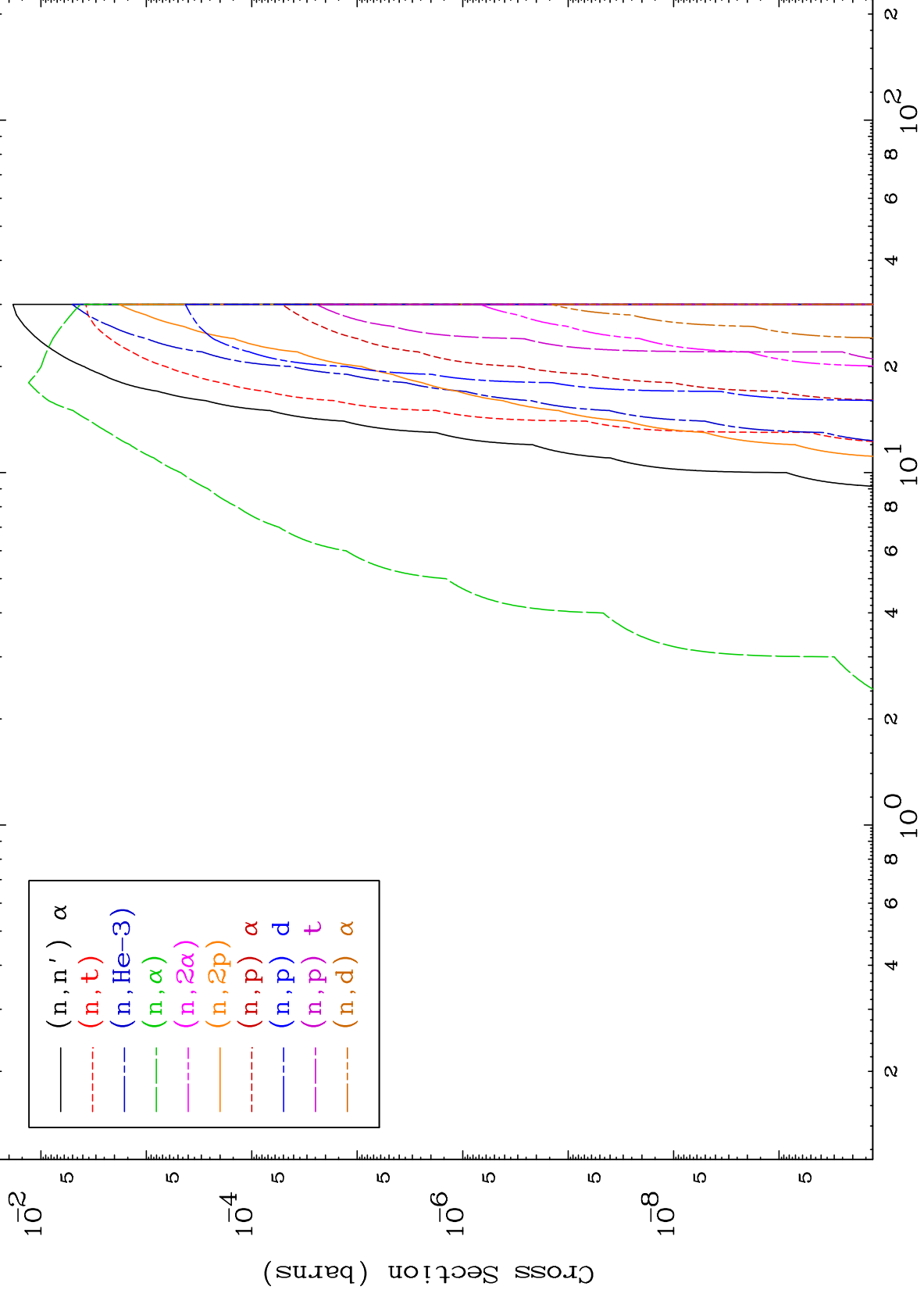
Incident Energy (MeV)

39-Y -90

MAT 3928

Proton Charged Particle
0 Kelvin Cross Sections

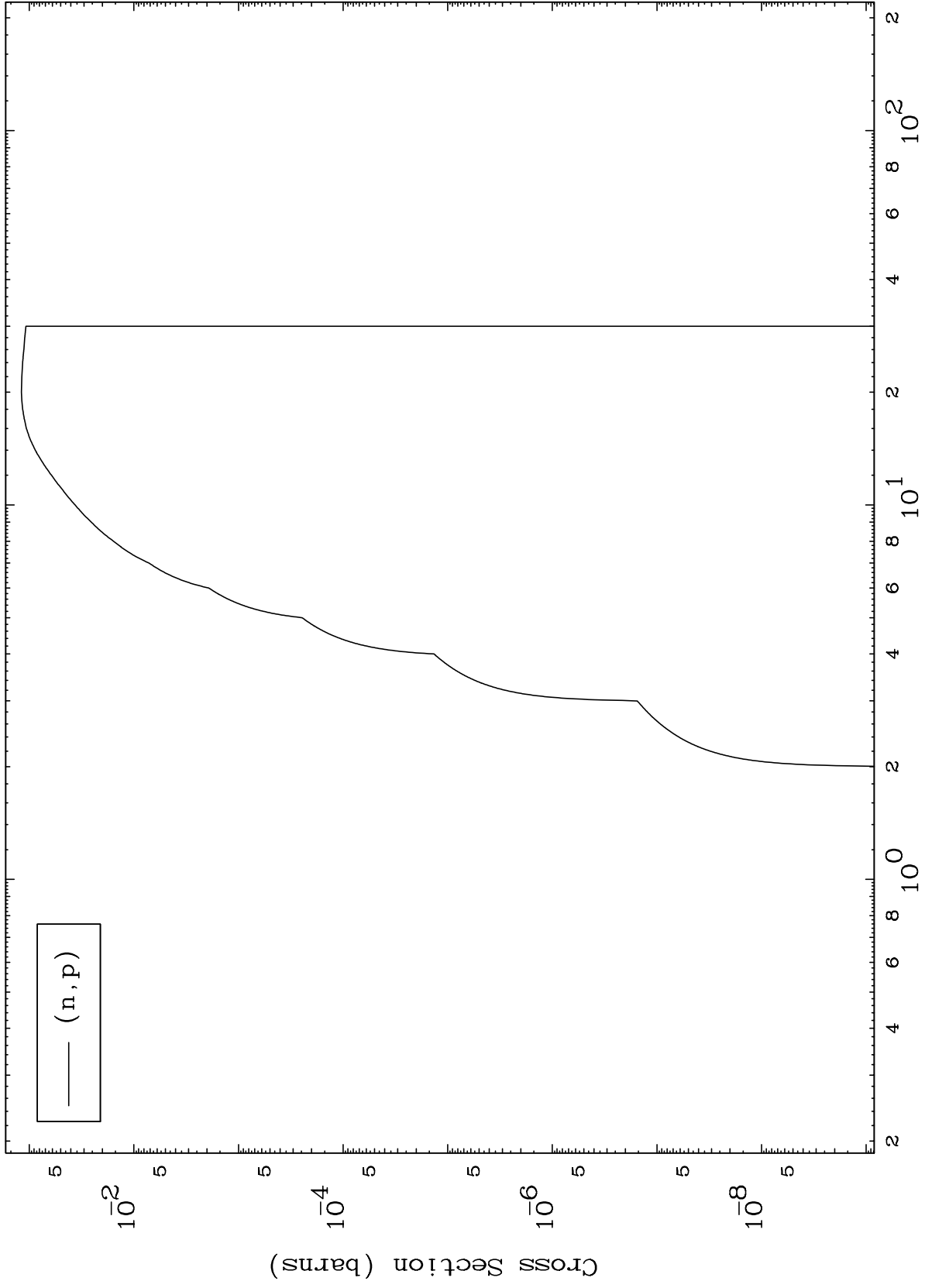
39-Y -90



MAT 3928

(p,p) Levels
0 Kelvin Cross Sections

39-Y -90



7

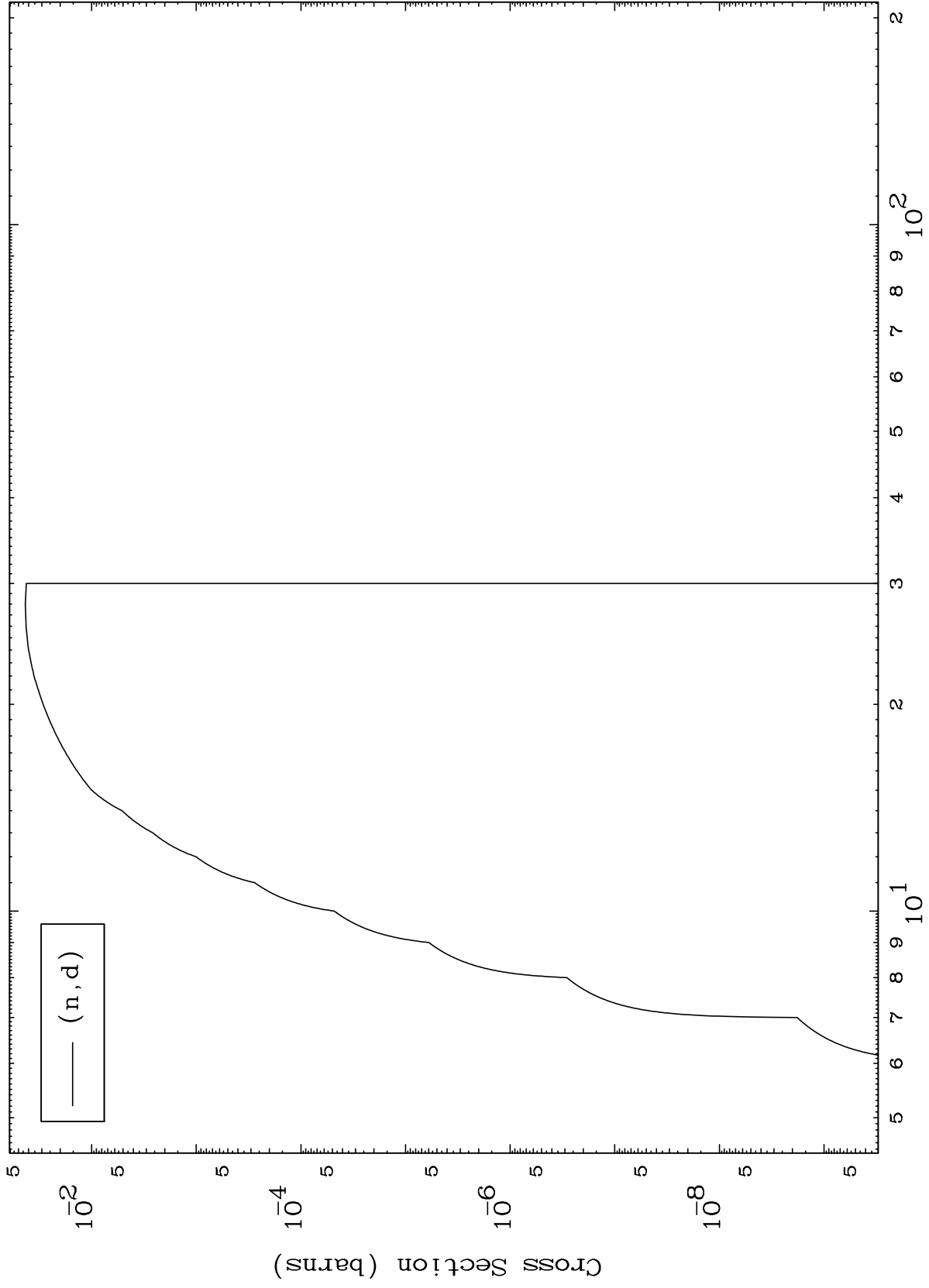
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,d) Levels
0 Kelvin Cross Sections

39-Y -90



8

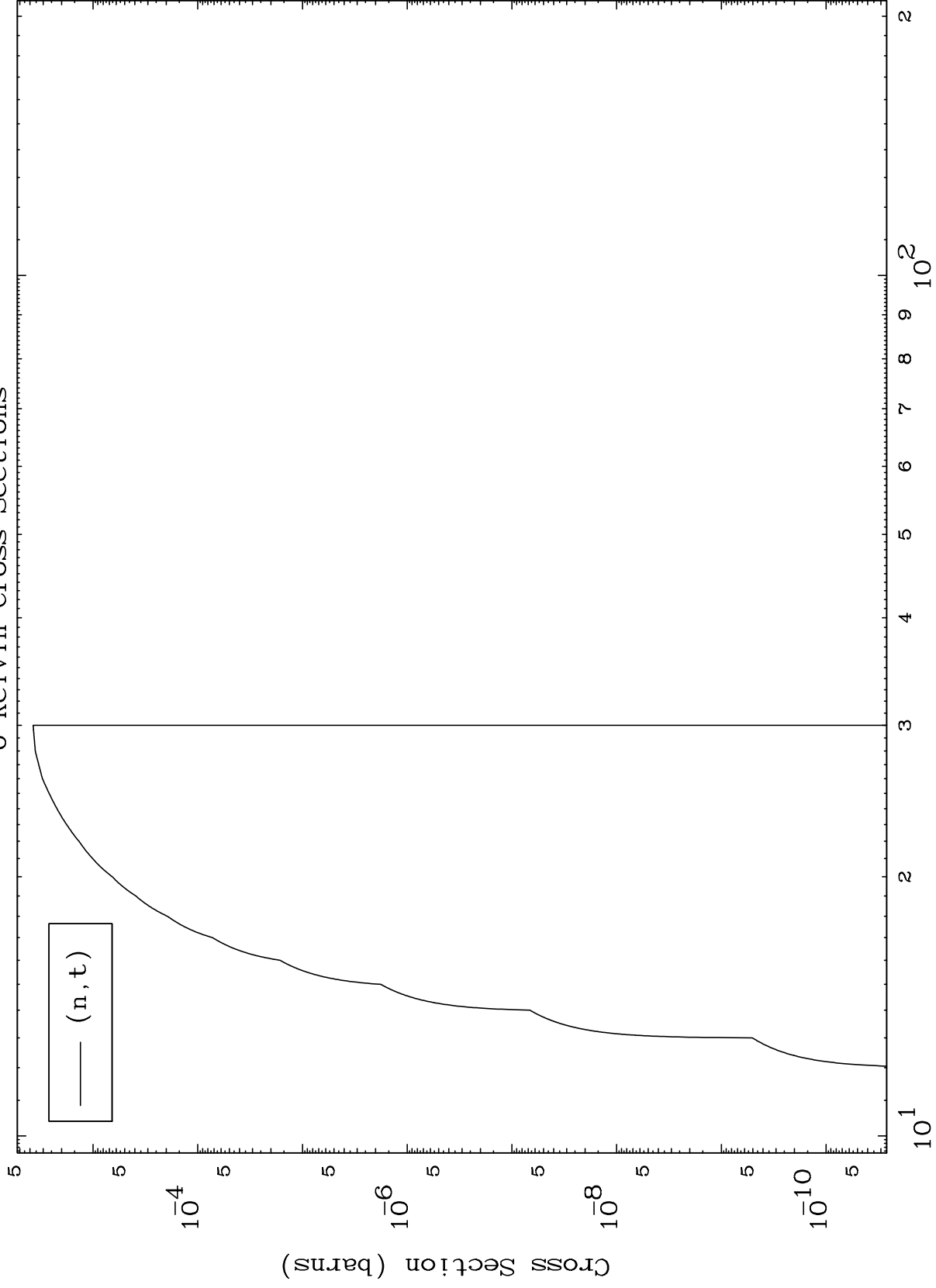
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,t) Levels
0 Kelvin Cross Sections

39-Y -90



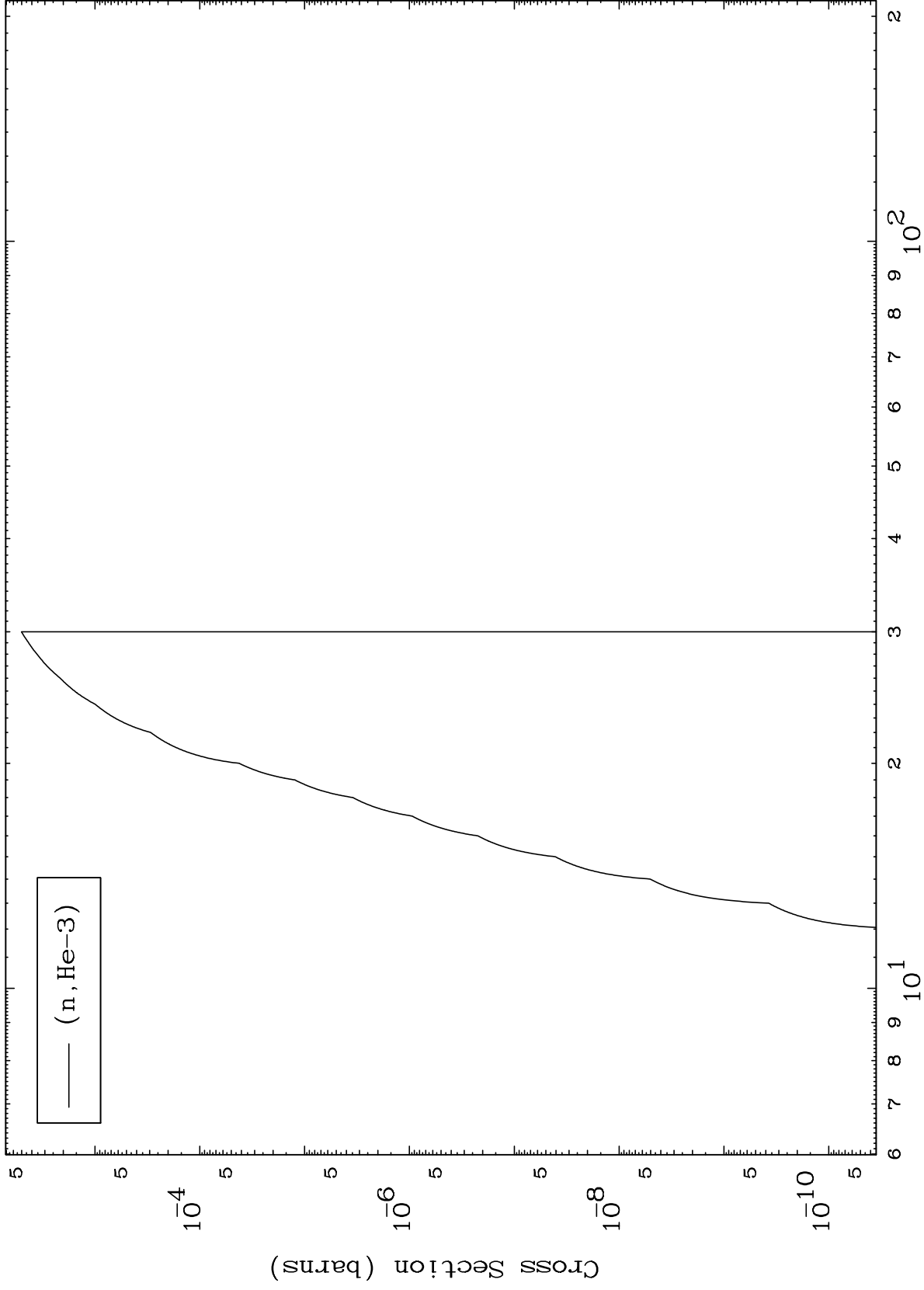
Incident Energy (MeV)

39-Y -90

MAT 3928

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -90



10

Incident Energy (MeV)

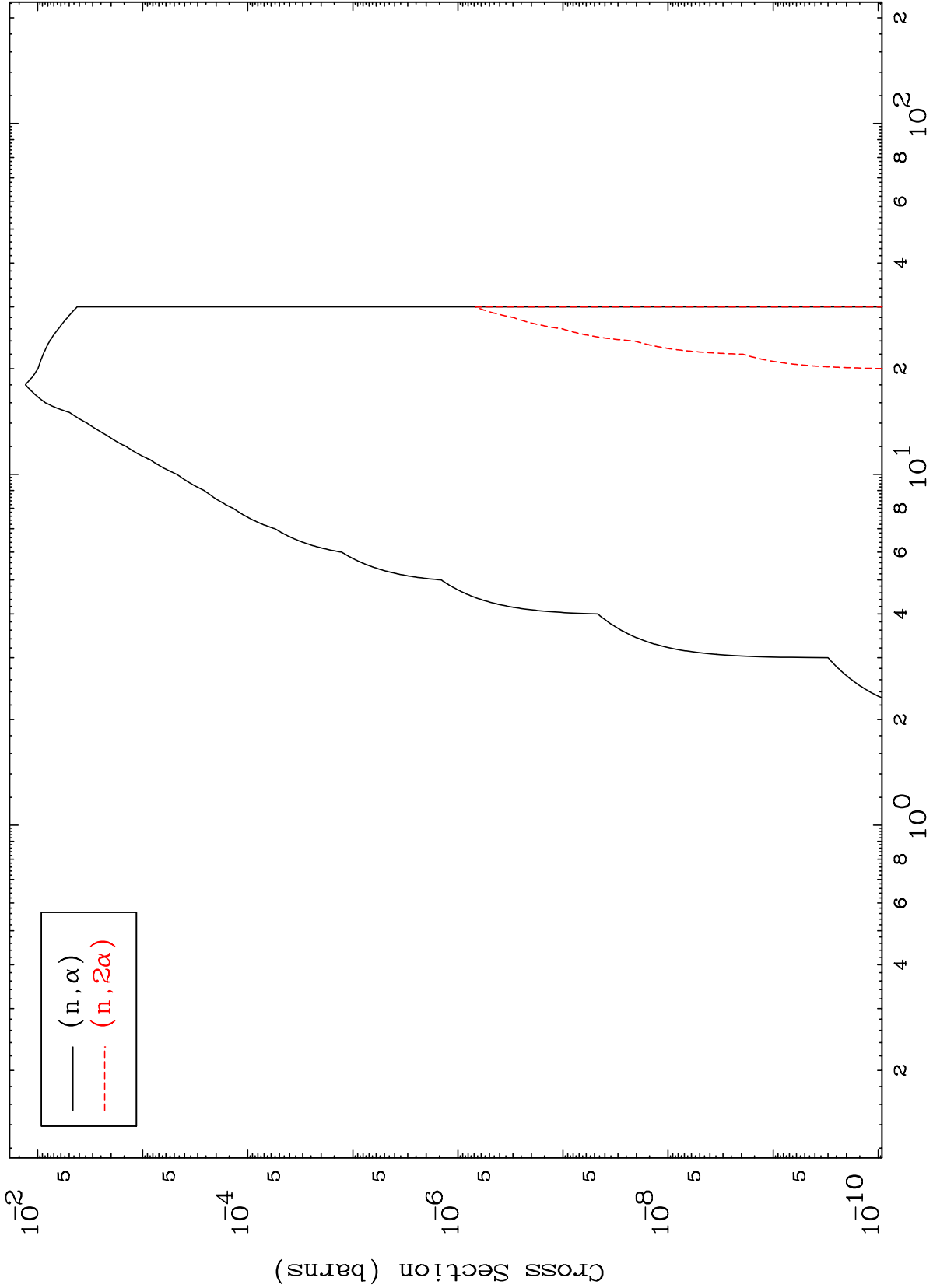
39-Y -90

MAT 3928

(p, α) Levels

39-Y -90

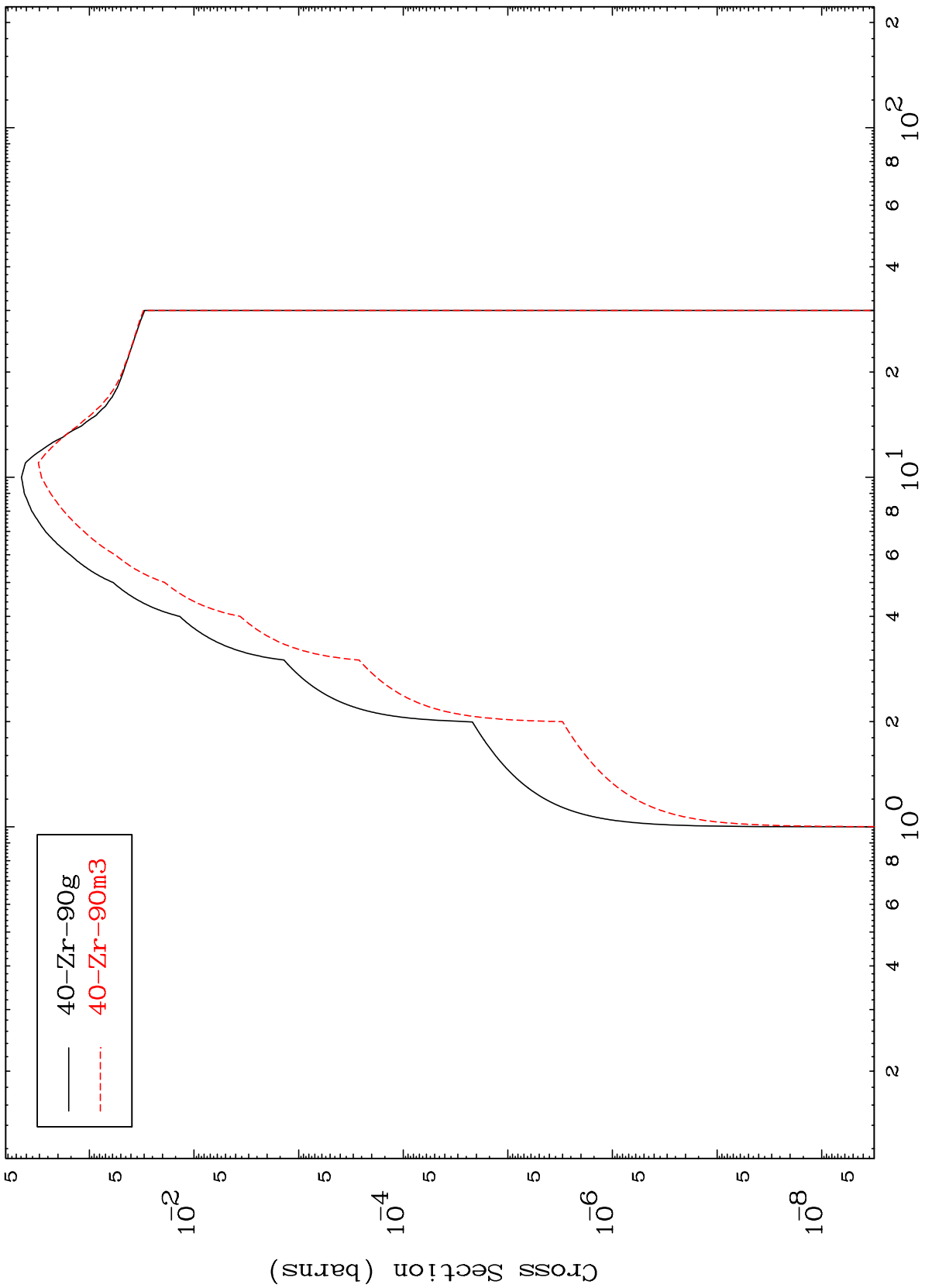
0 Kelvin Cross Sections



MAT 3928

39-Y -90

Inelastic
Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

39-Y -90

Incident Energy (MeV)

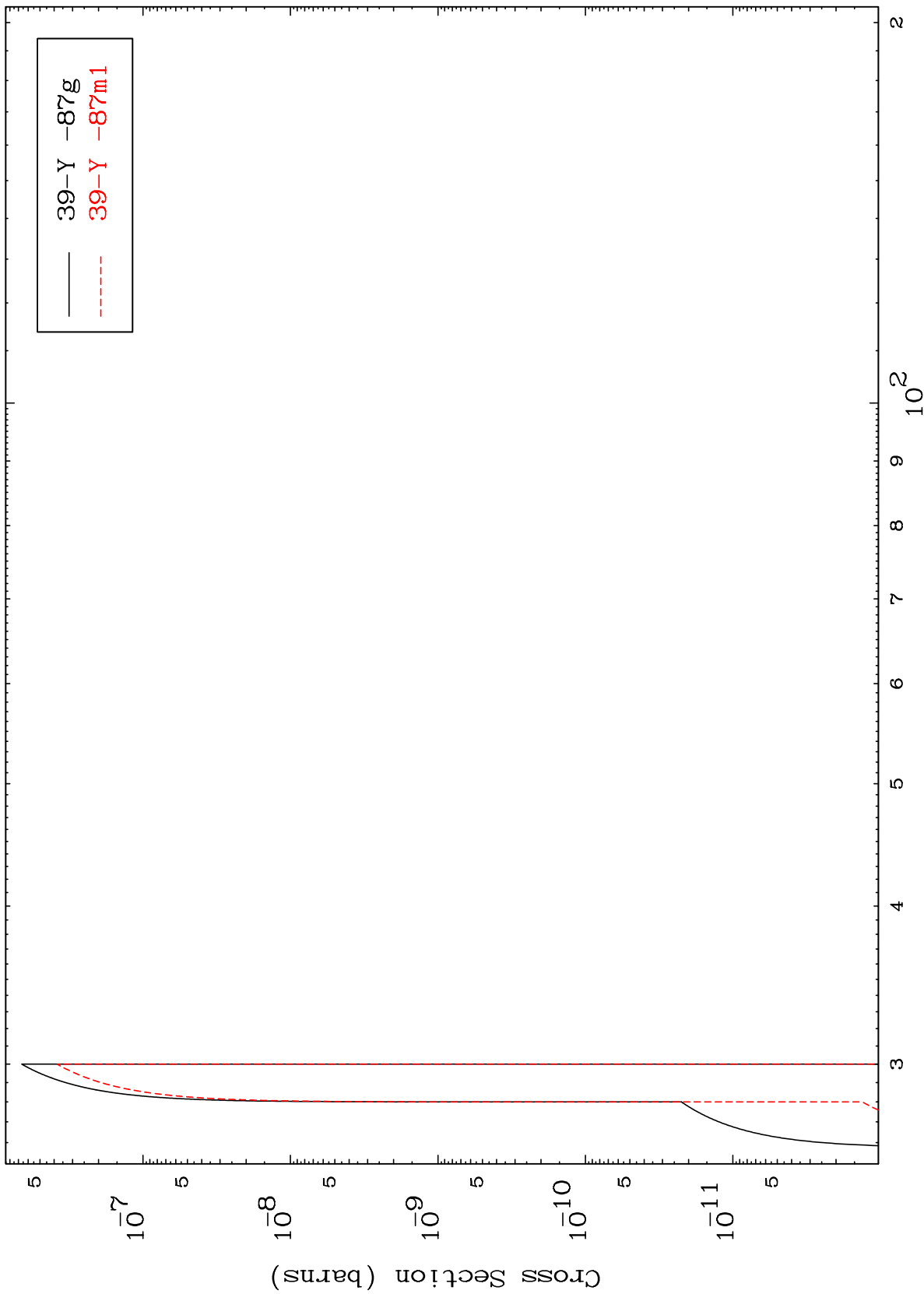
12

MAT 3928

(n,2n) d

39-Y -90

Radionuclide Production Cross Section



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

13

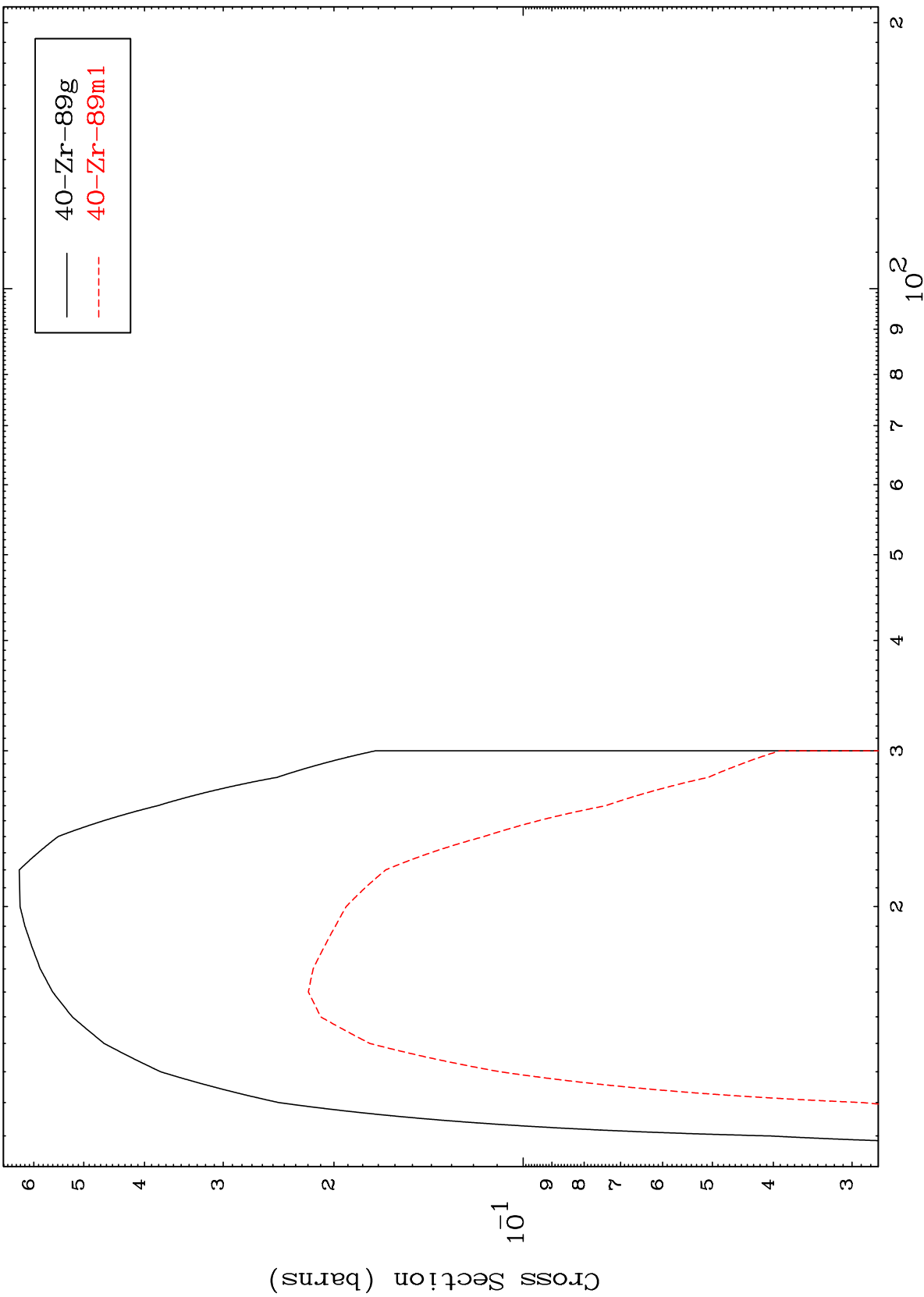
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(n,2n)
Radionuclide Production Cross Section



40-Zr-89g
40-Zr-89m1

39-Y -90

Incident Energy (MeV)

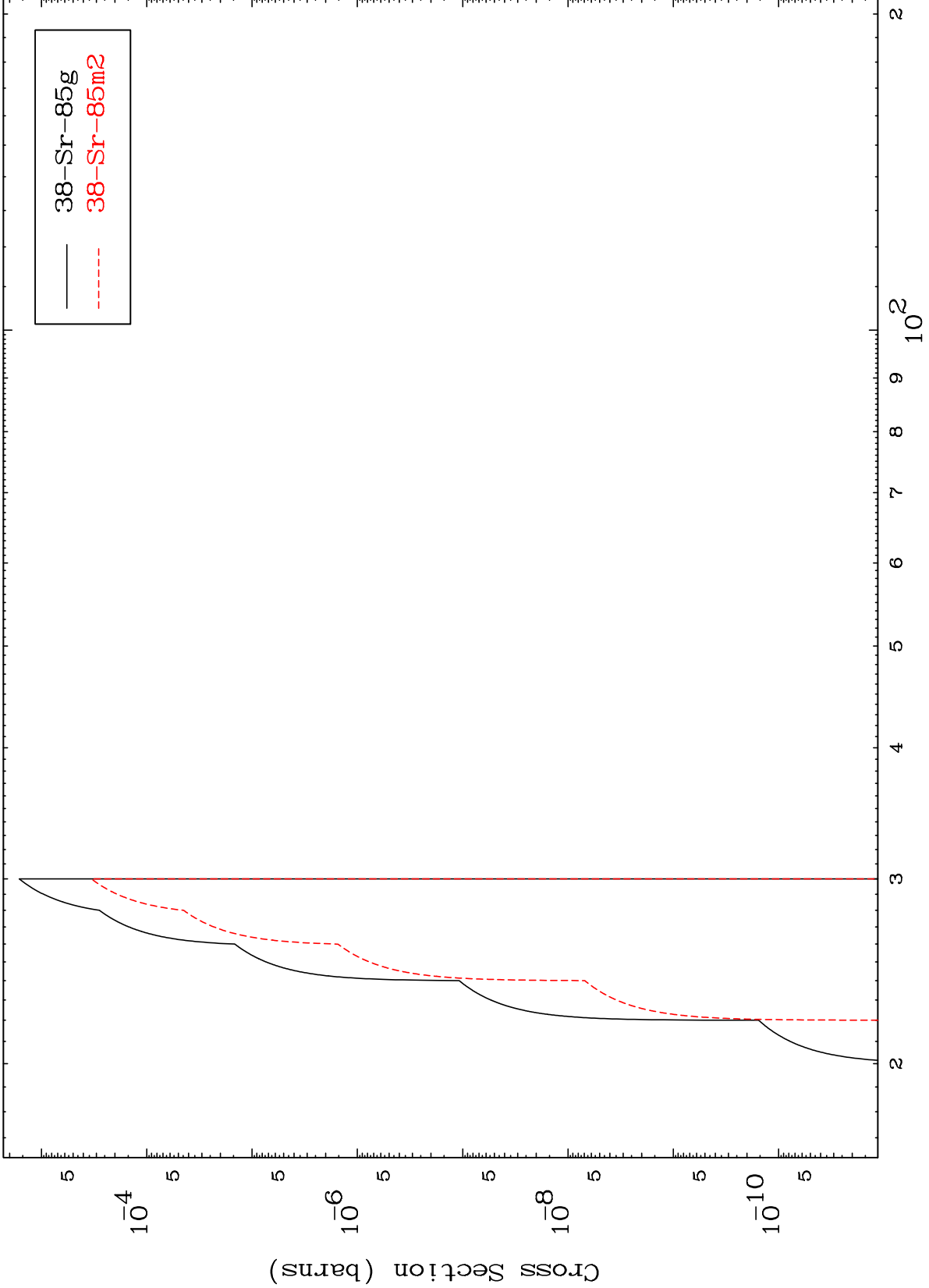
14

MAT 3928

(n,2n) α

39-Y -90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

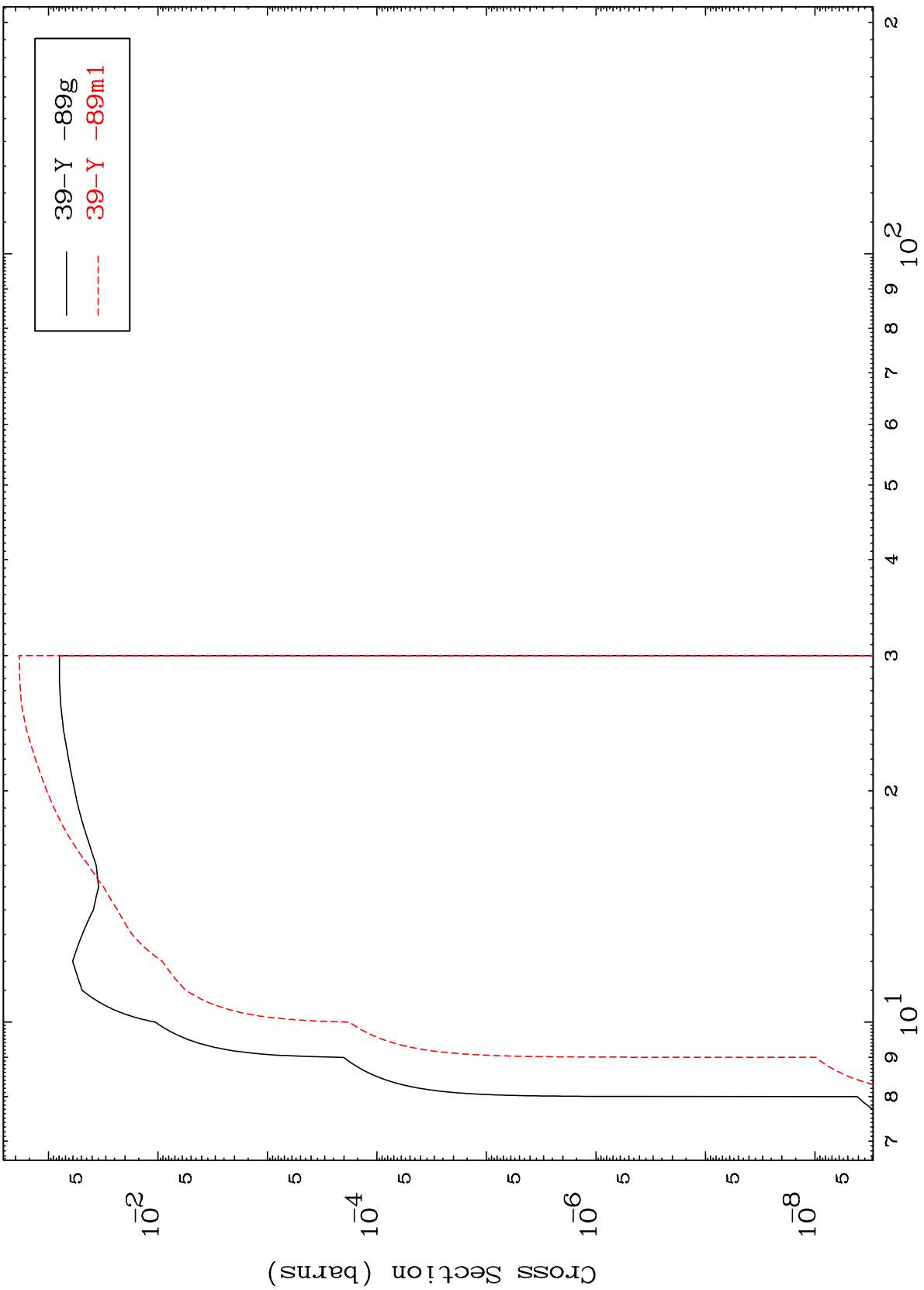
39-Y -90

MAT 3928

(n,n') p

39-Y -90

Radionuclide Production Cross Section



16

Incident Energy (MeV)

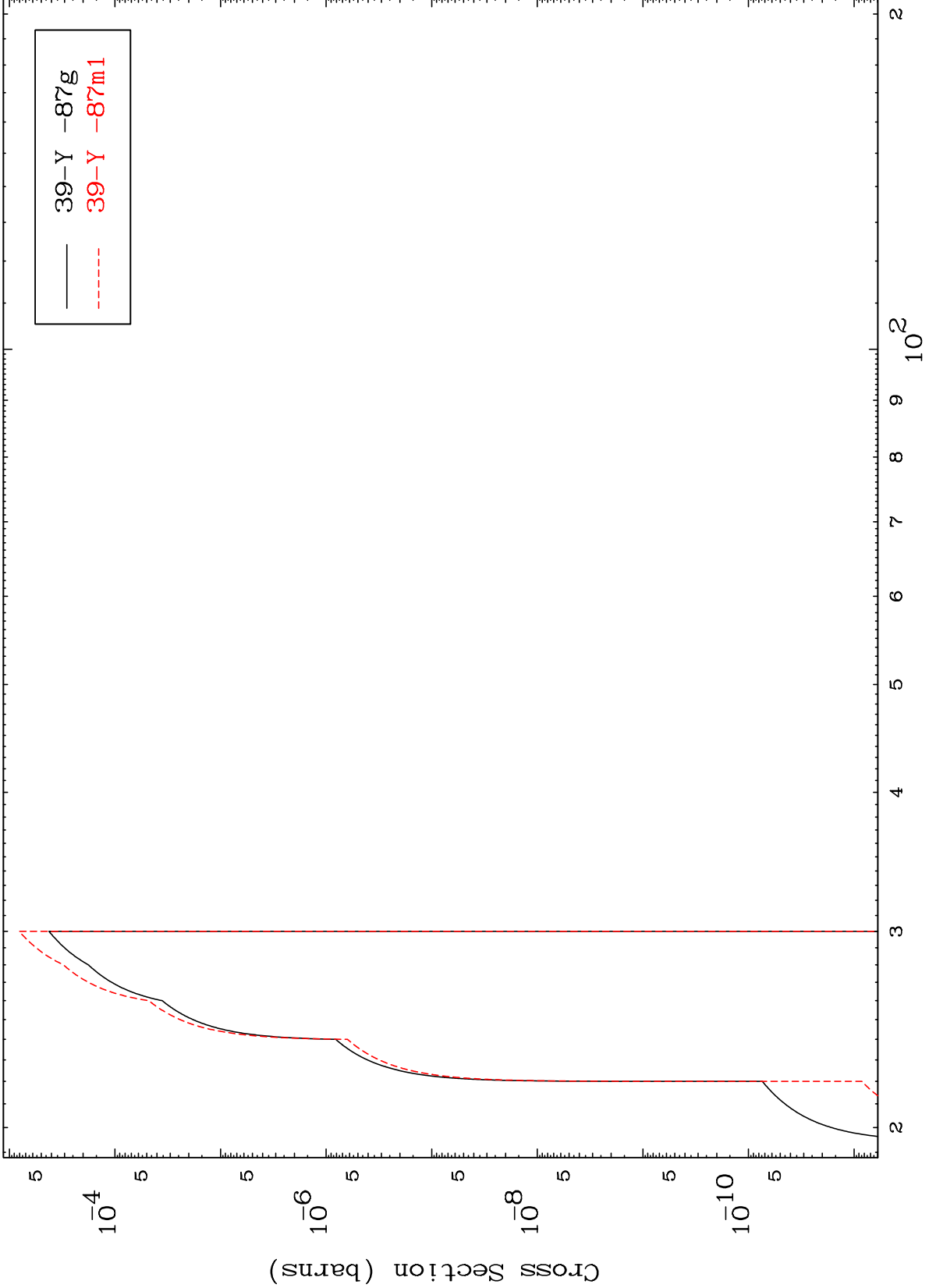
39-Y -90

MAT 3928

(n,n') t

39-Y -90

Radionuclide Production Cross Section

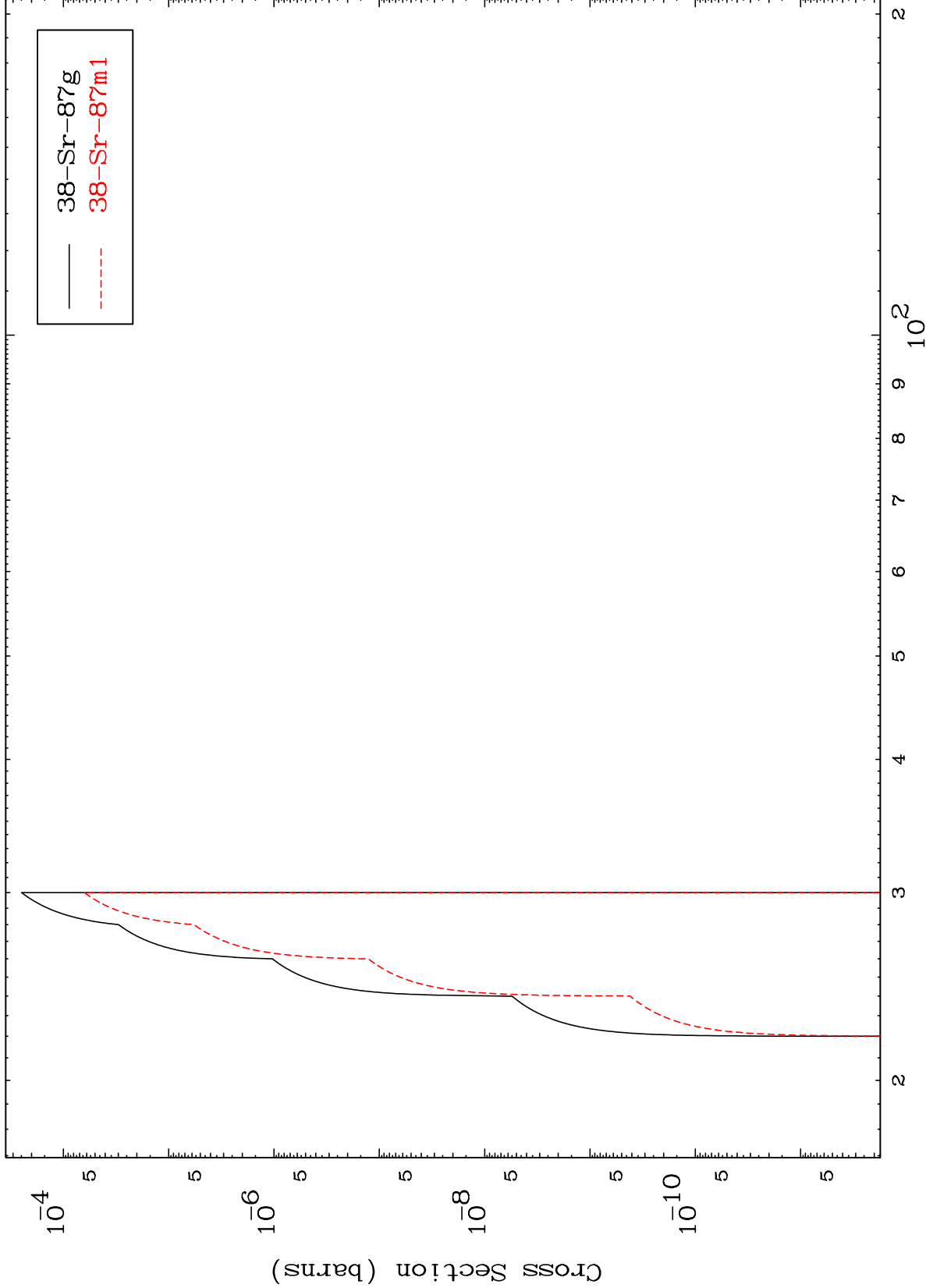


17

Incident Energy (MeV)

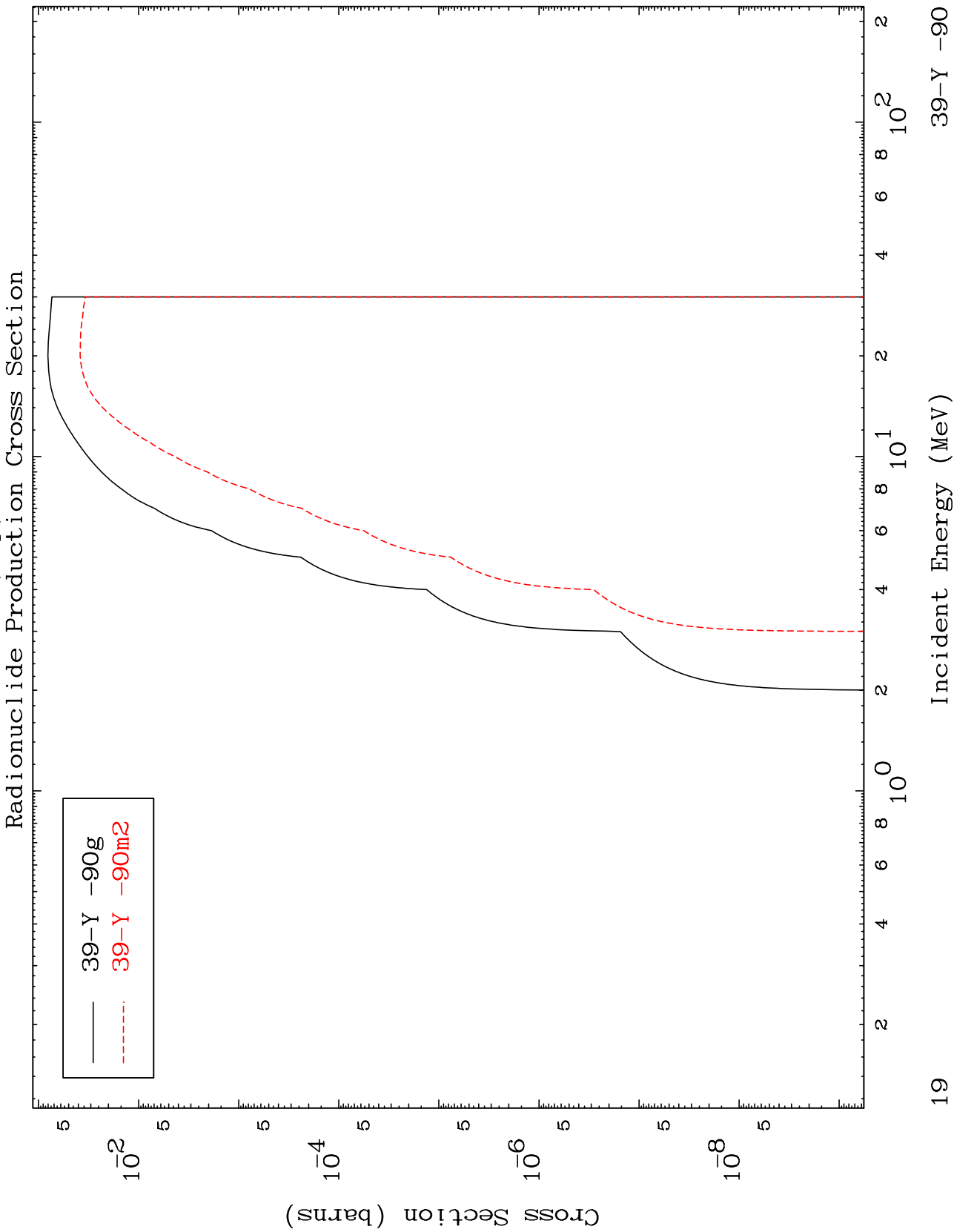
39-Y -90

Radionuclide Production Cross Section



MAT 3928

39-Y -90



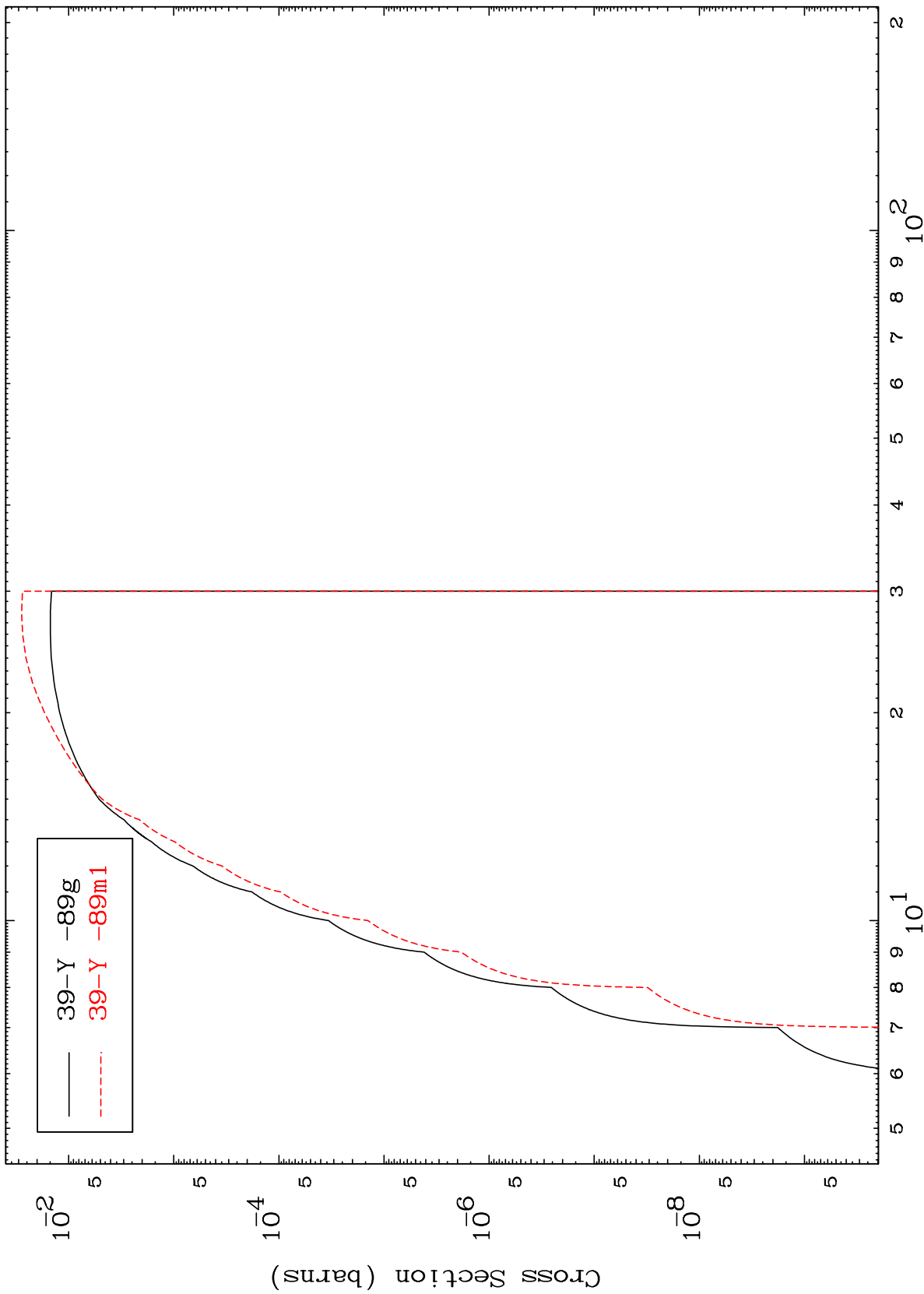
19

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section (n,d)



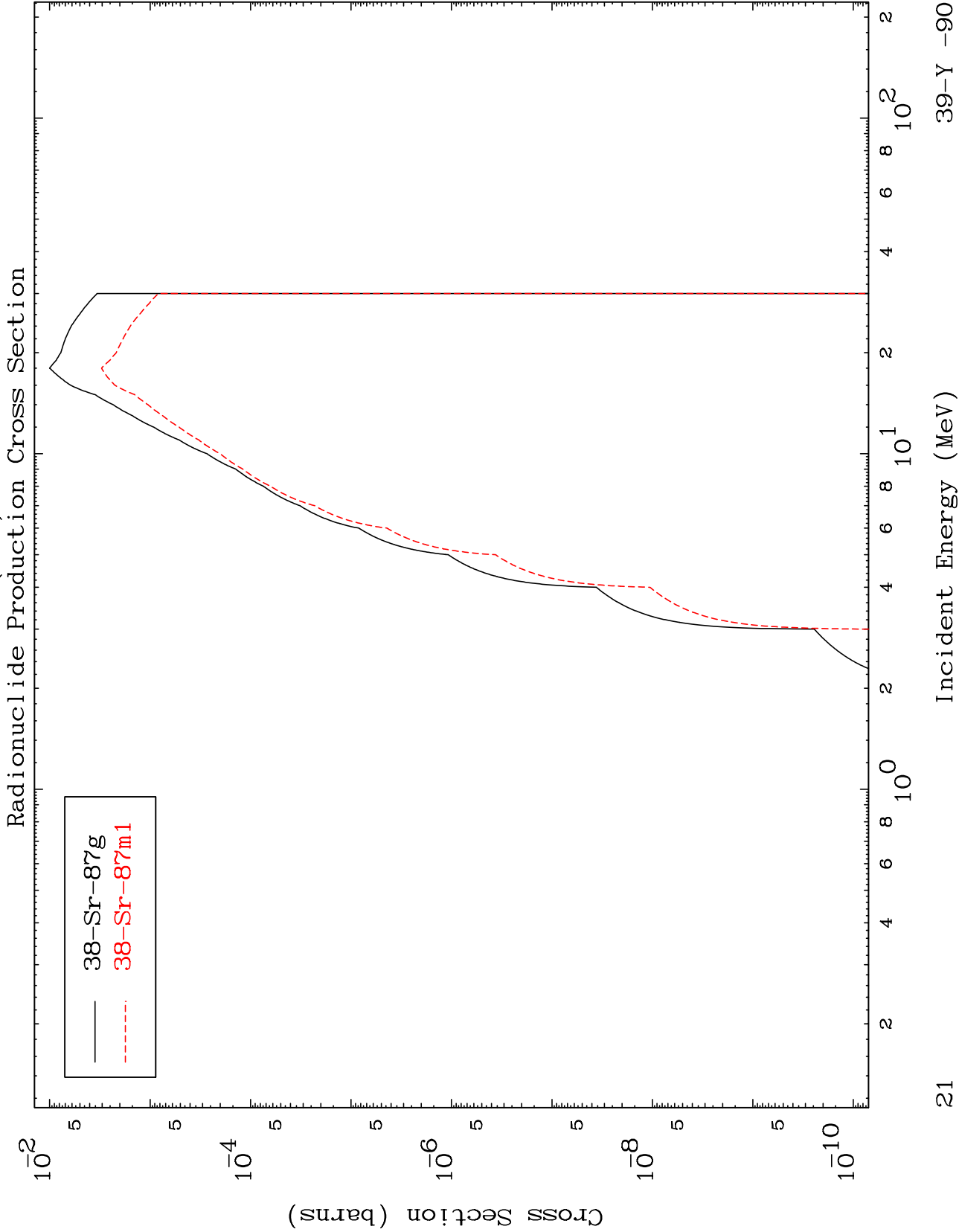
39-Y -90

Incident Energy (MeV)

20

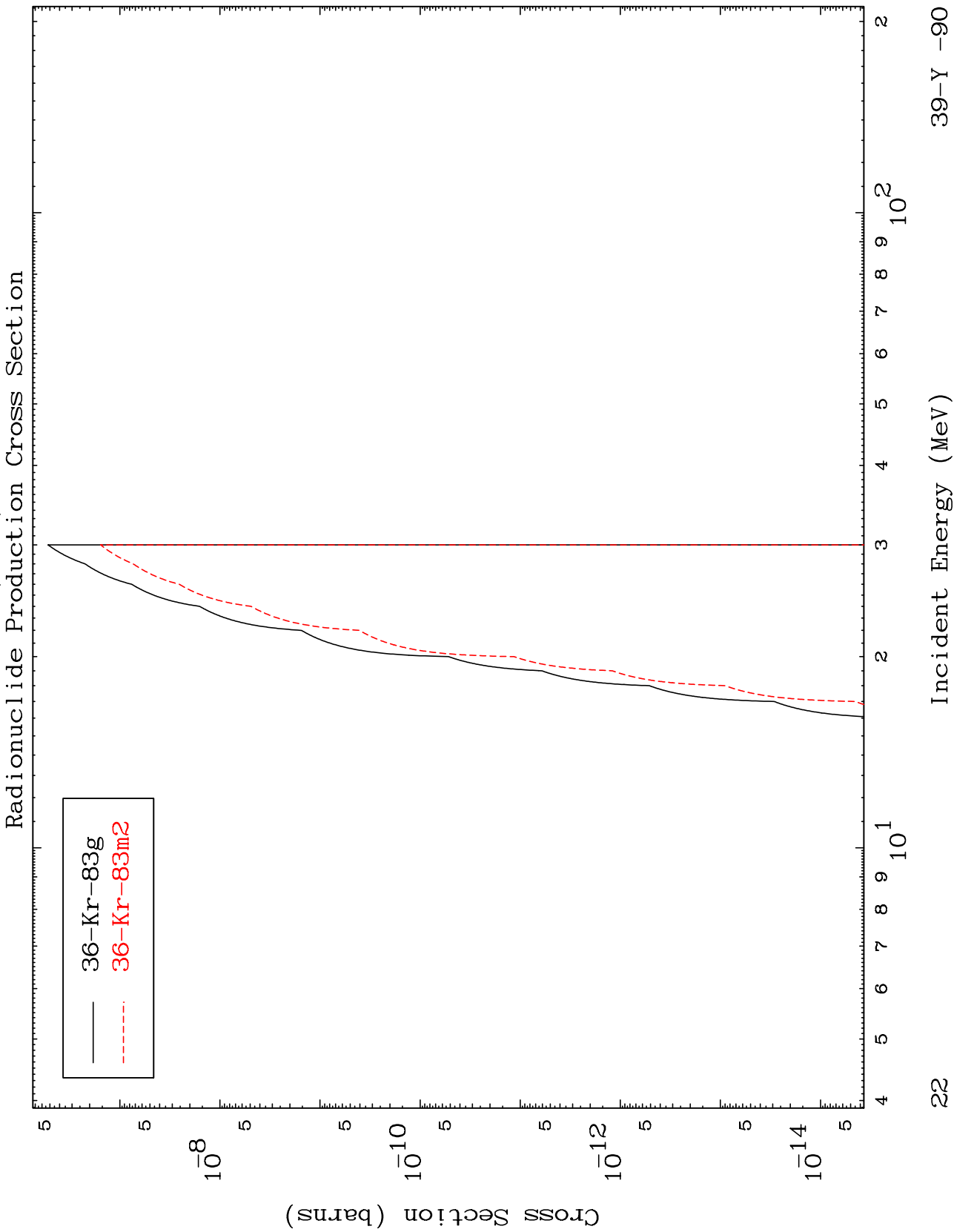
MAT 3928

39-Y -90



MAT 3928

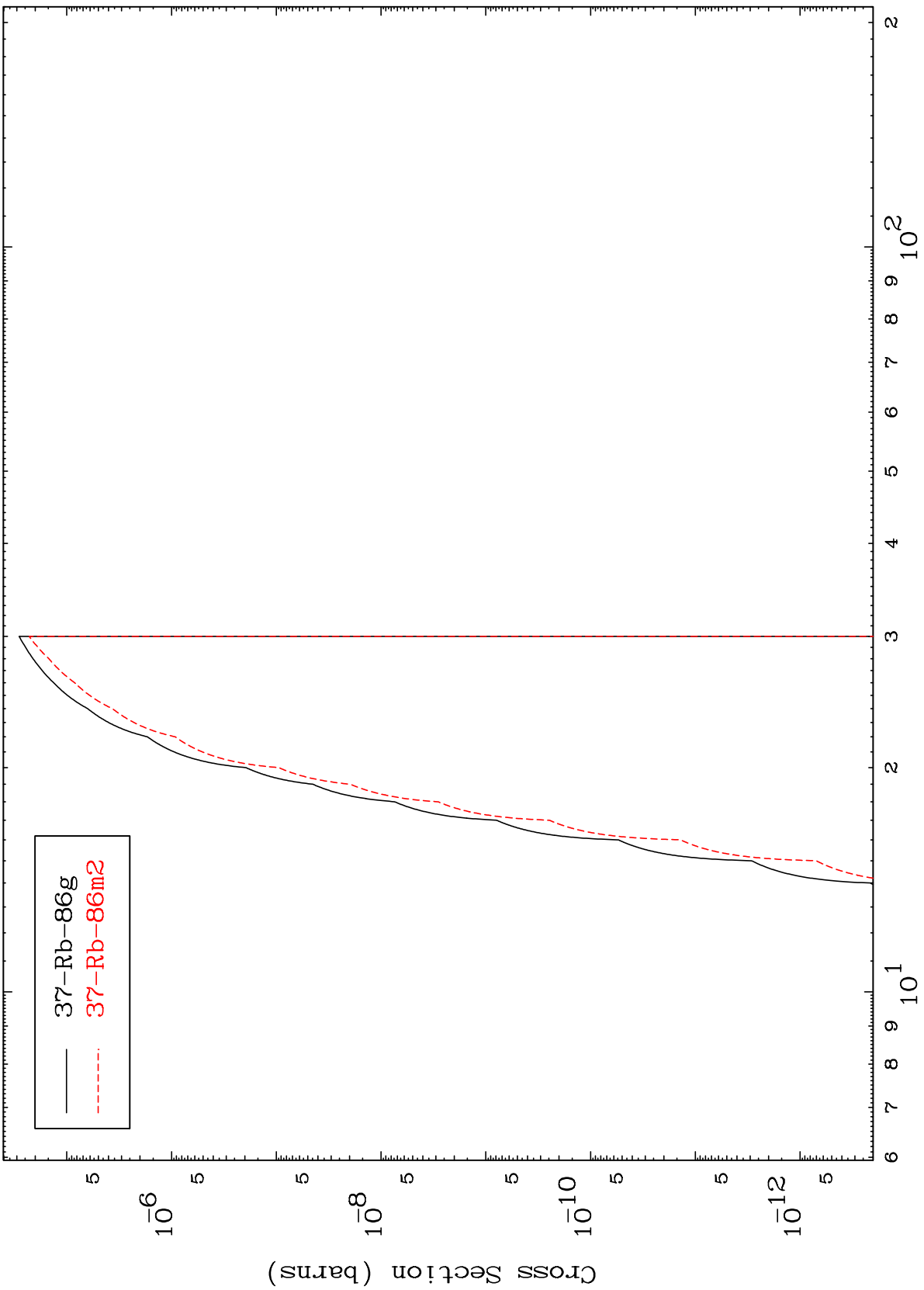
39-Y -90



MAT 3928

39-Y -90

(n,p) α
Radionuclide Production Cross Section



23

39-Y -90

Radionuclide Production Cross Section

