

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

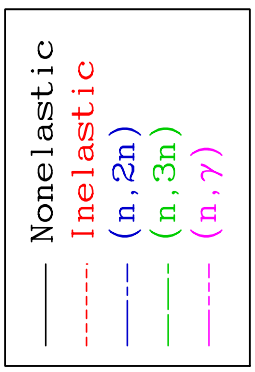
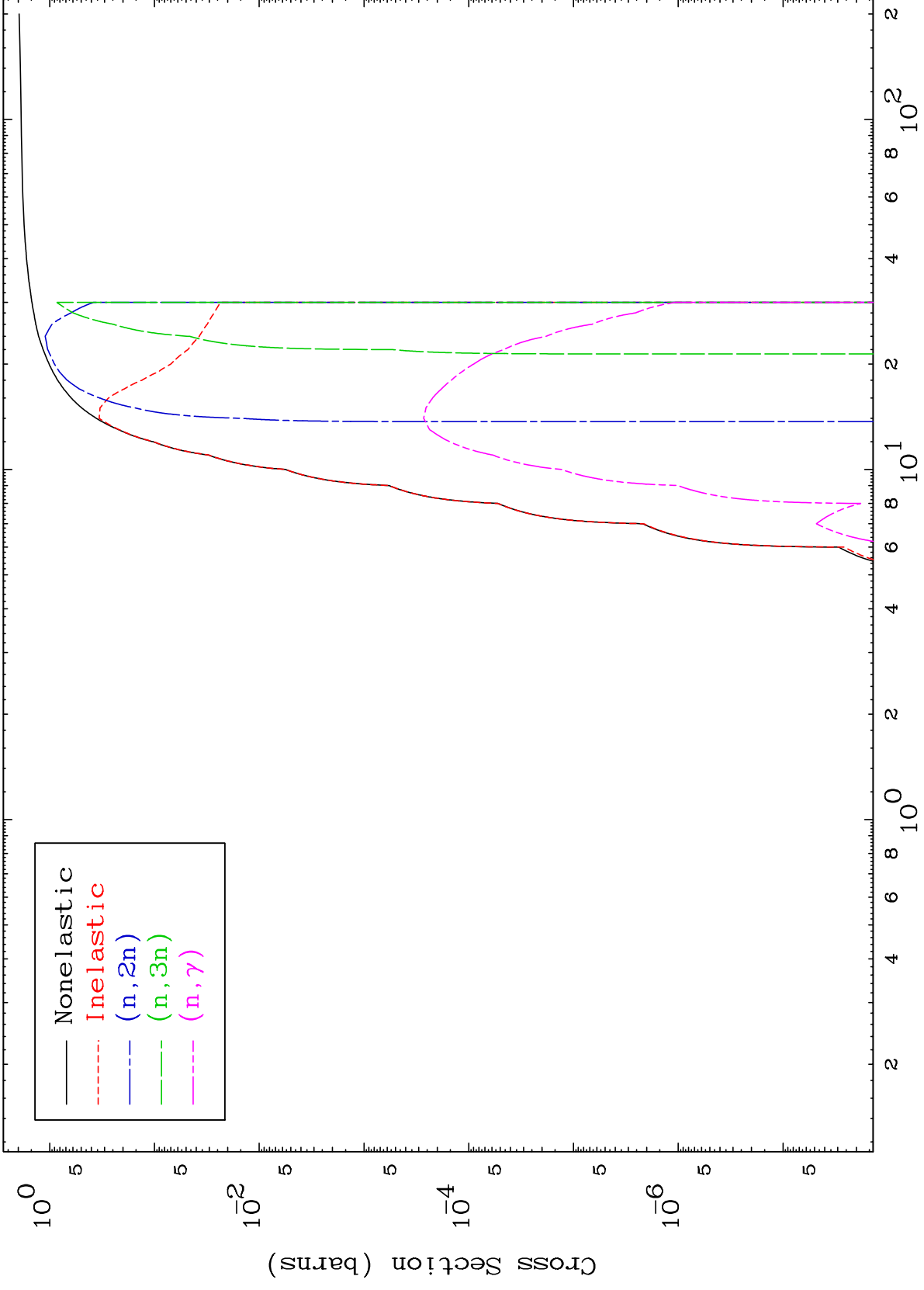
Press Mouse Button to Start

MAT 4034

α Major

40-Zr-93

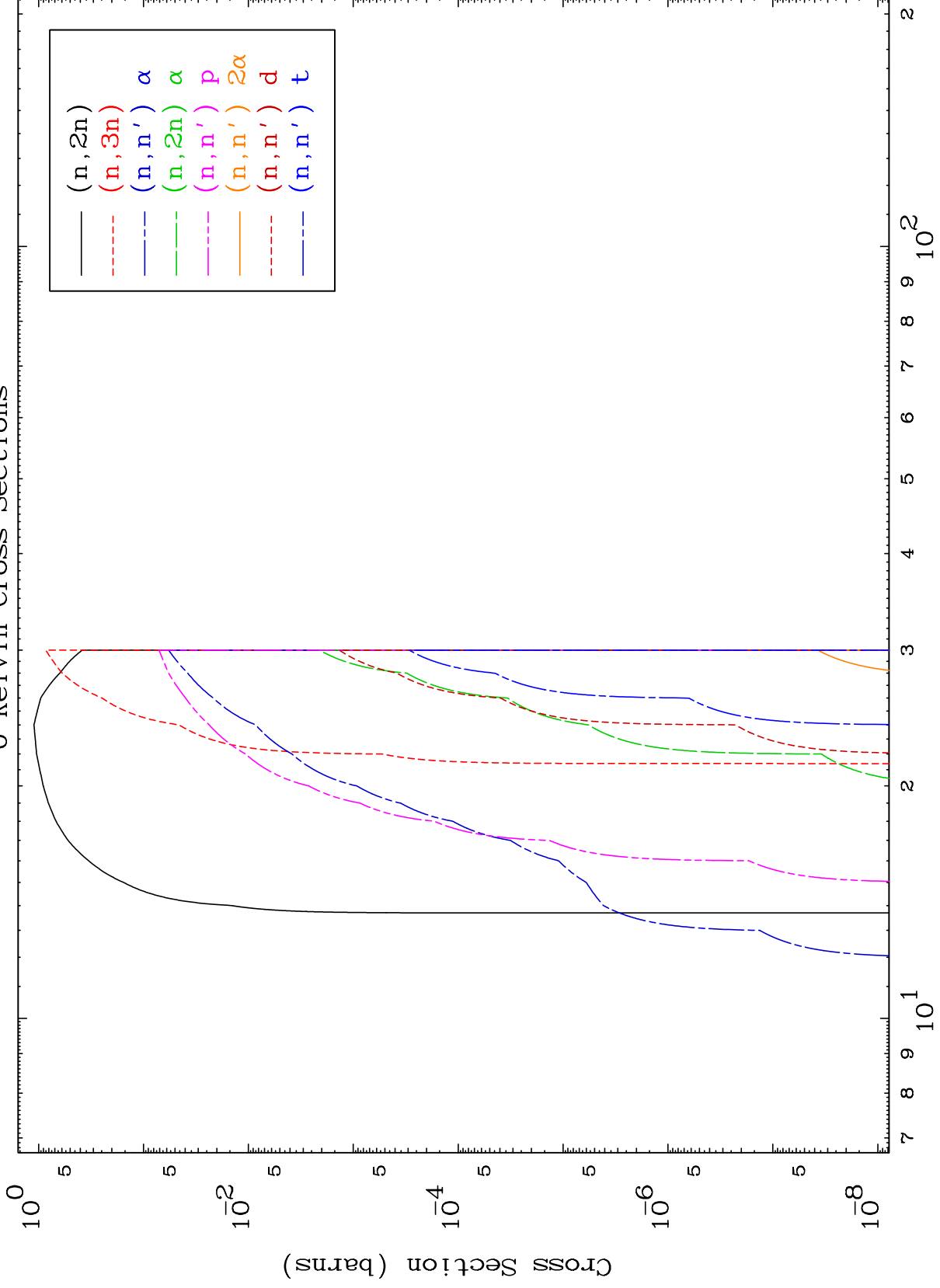
0 Kelvin Cross Sections



MAT 4034

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-93



2

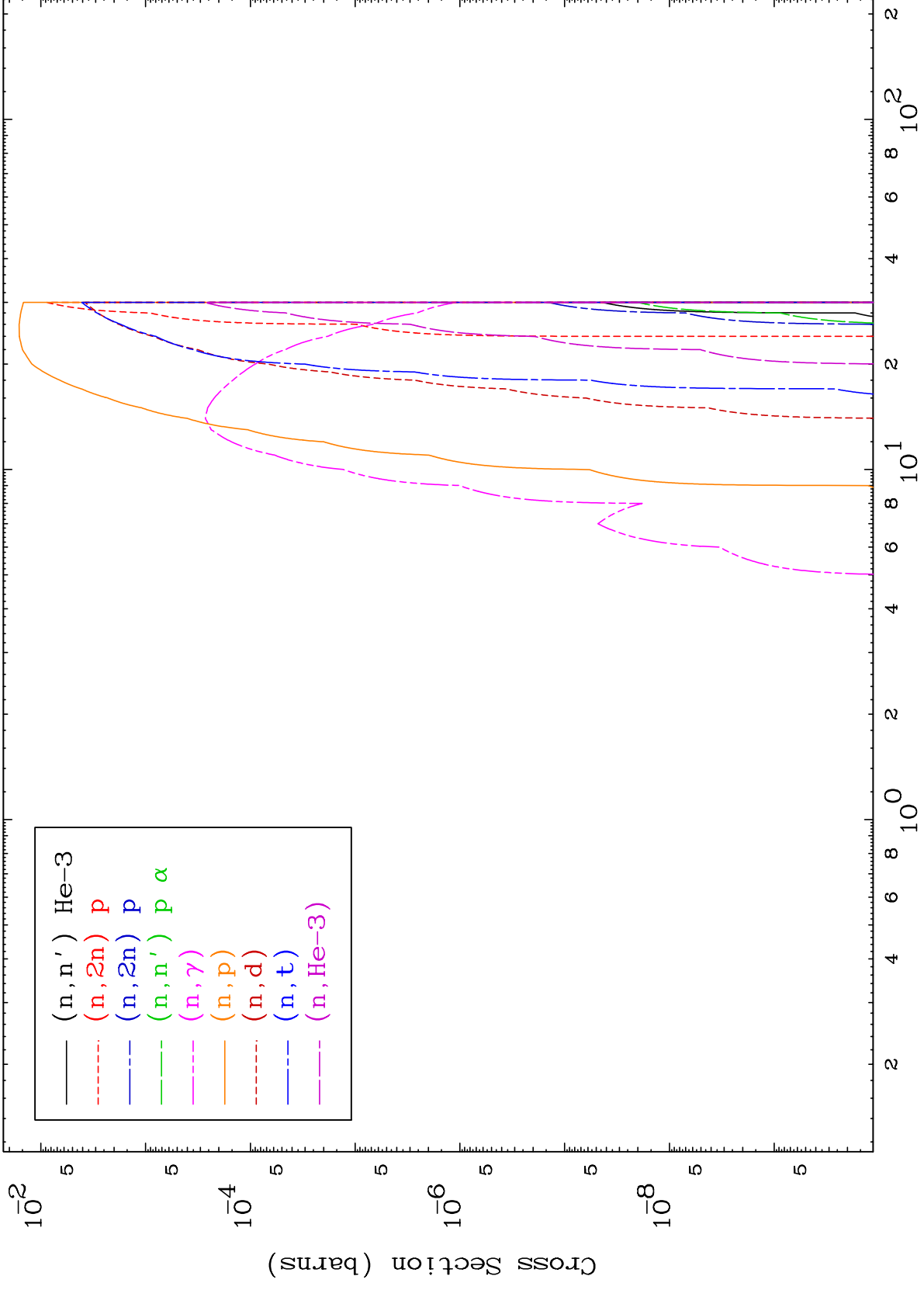
Incident Energy (MeV)

40-Zr-93

MAT 4034

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-93



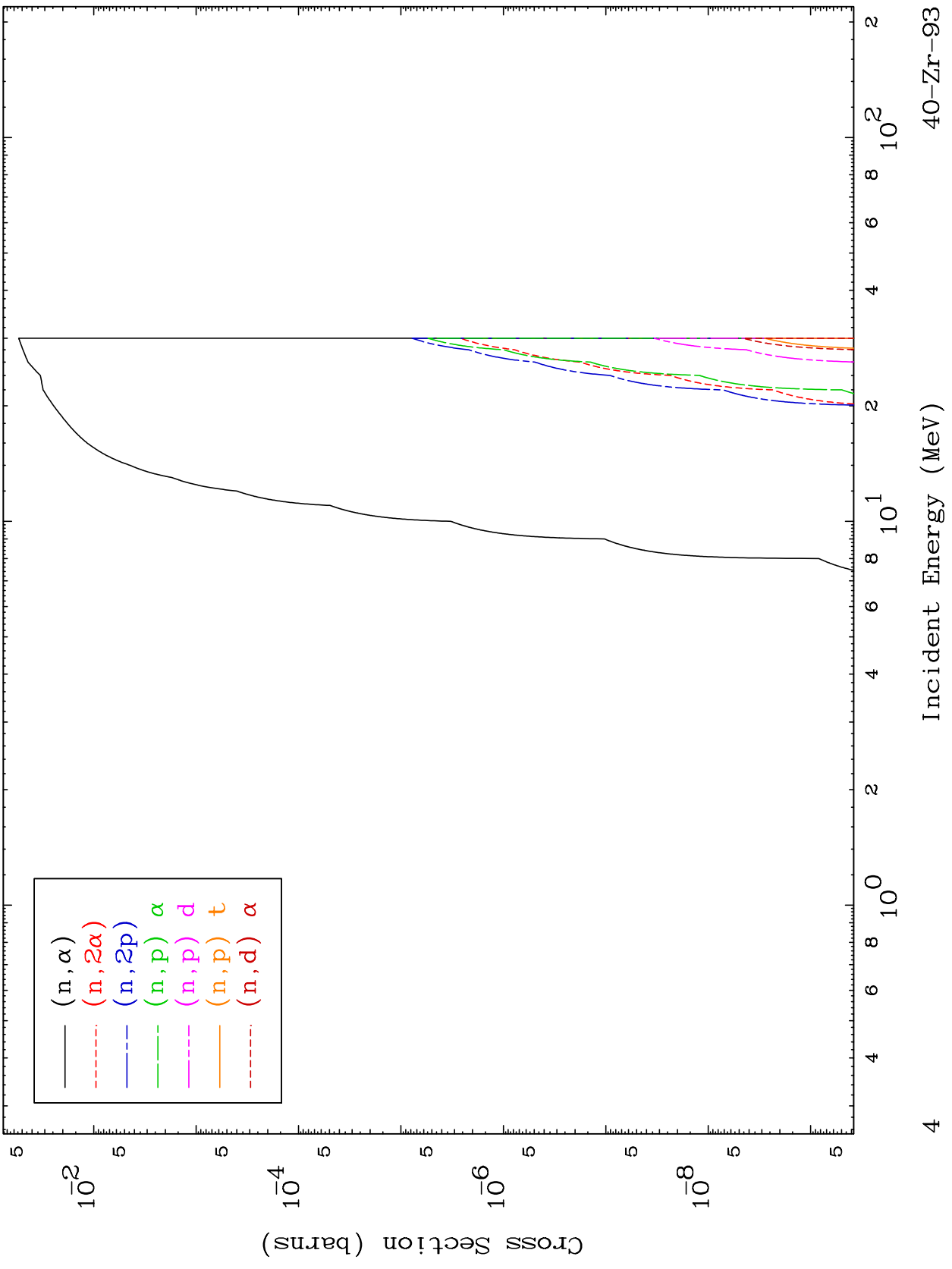
40-Zr-93

Incident Energy (MeV)

MAT 4034

α Neutron Absorption
0 Kelvin Cross Sections

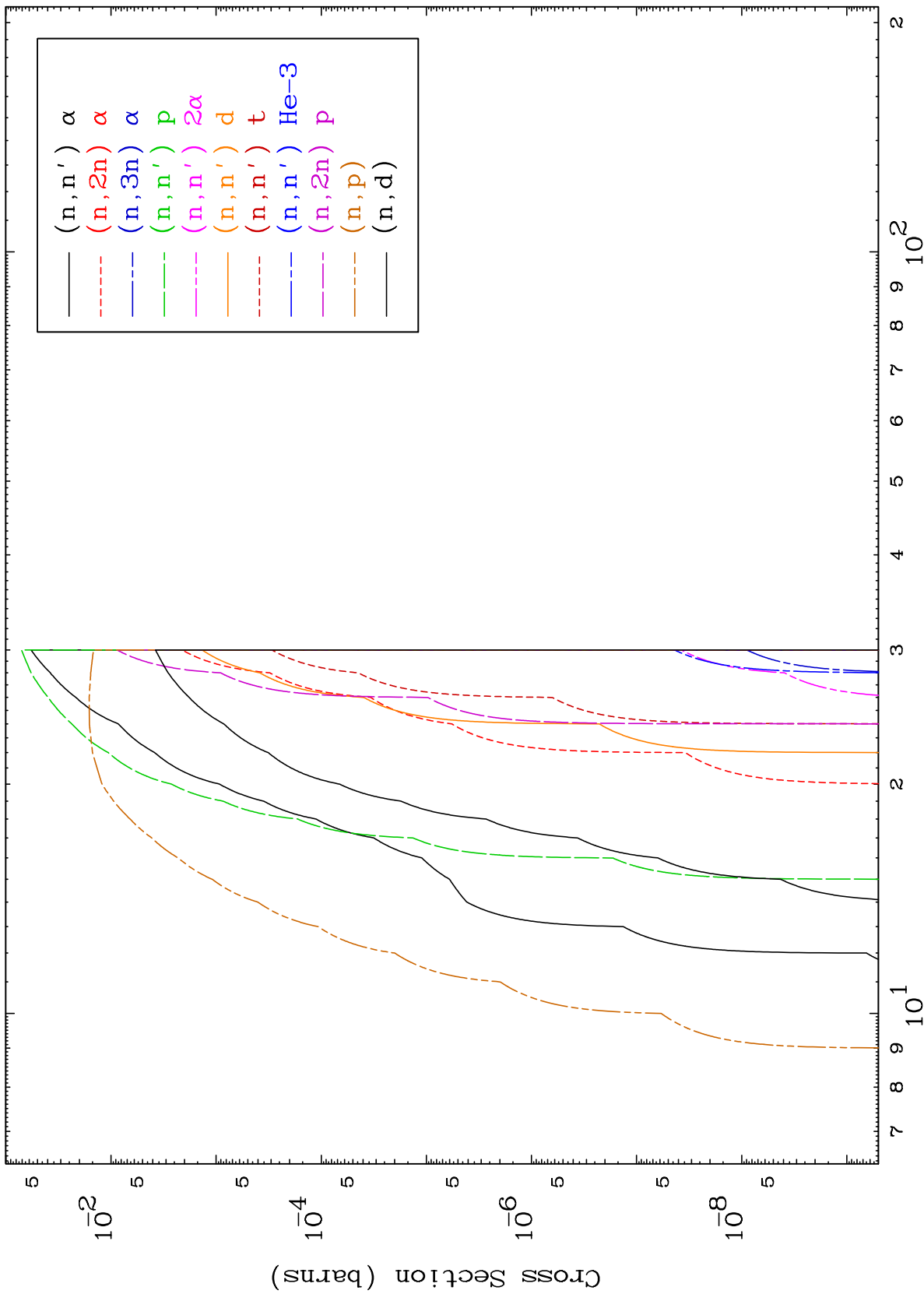
40-Zr-93



MAT 4034

α Charged Particle
0 Kelvin Cross Sections

40-Zr-93



5

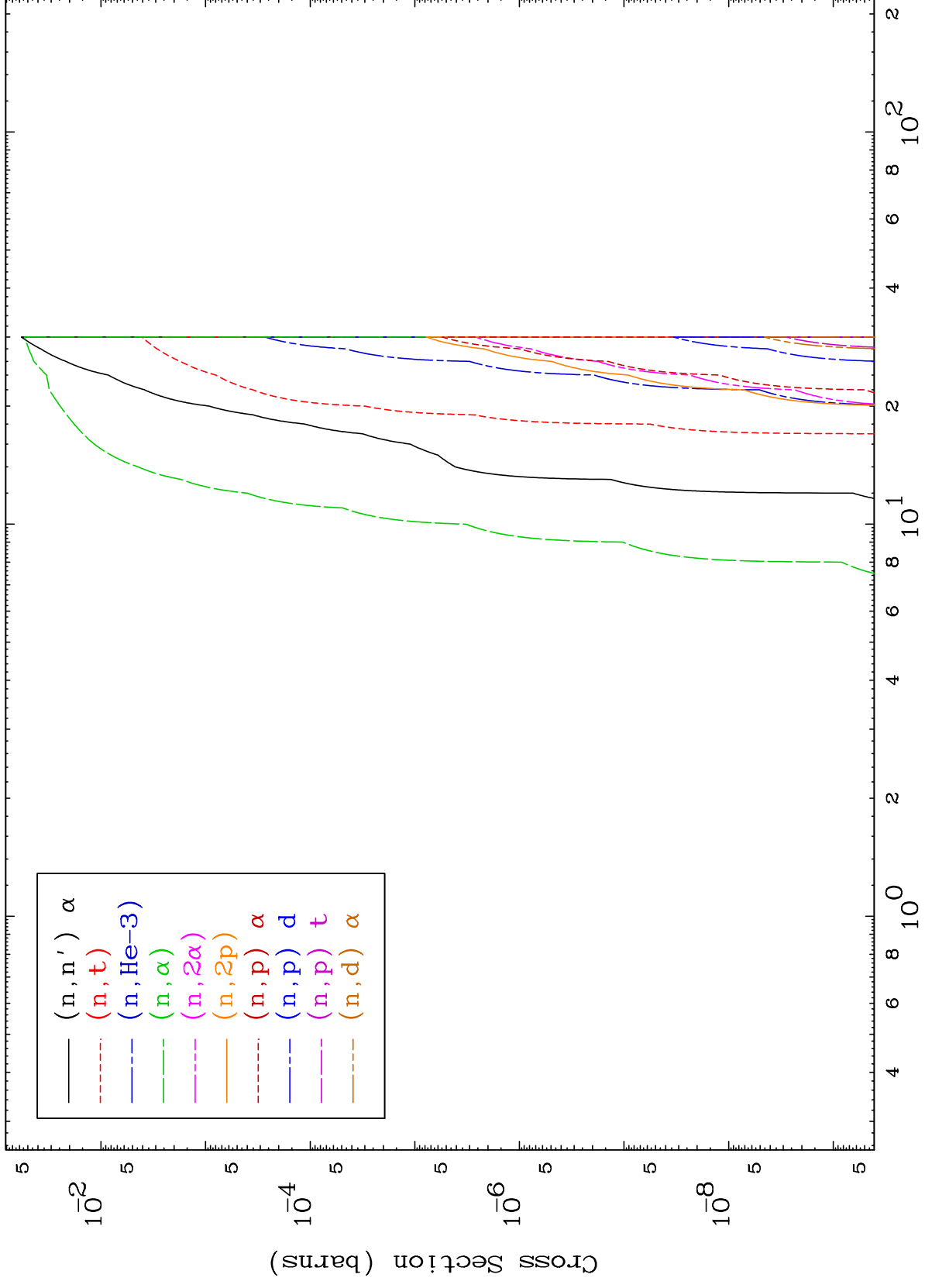
Incident Energy (MeV)

40-Zr-93

MAT 4034

α Charged Particle
0 Kelvin Cross Sections

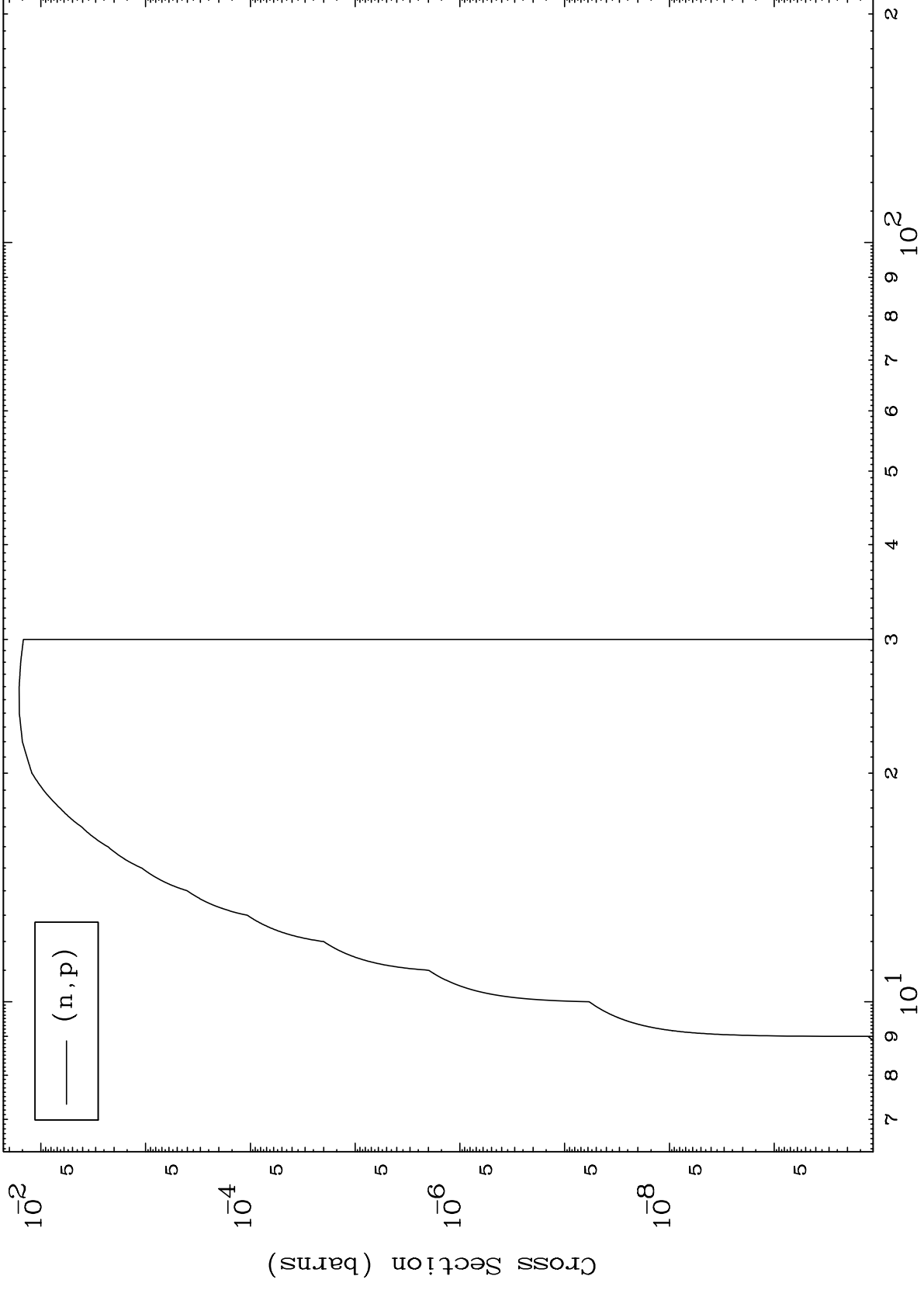
40-Zr-93



MAT 4034

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-93



7

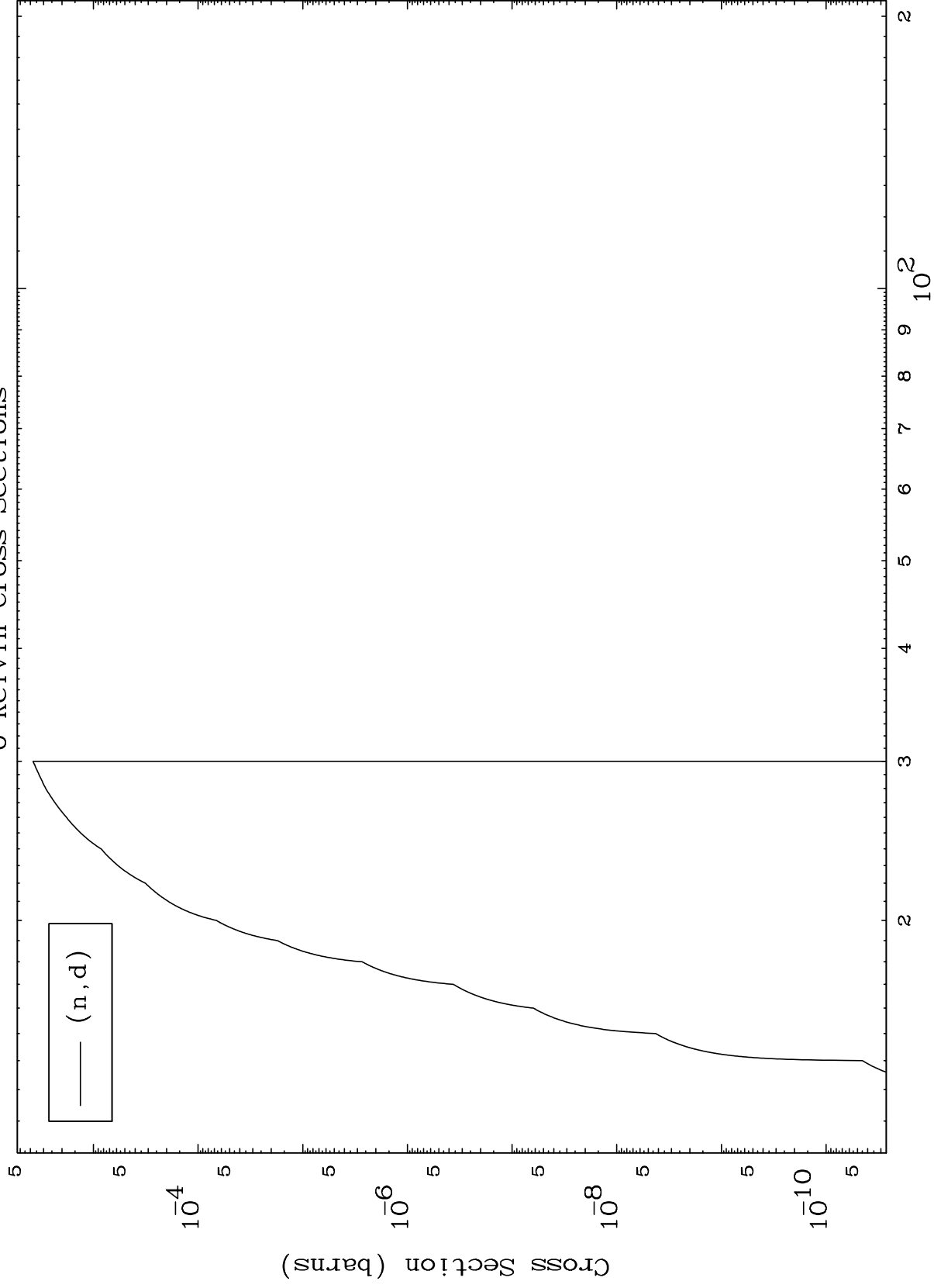
Incident Energy (MeV)

40-Zr-93

MAT 4034

40-Zr-93

(α, d) Levels
0 Kelvin Cross Sections

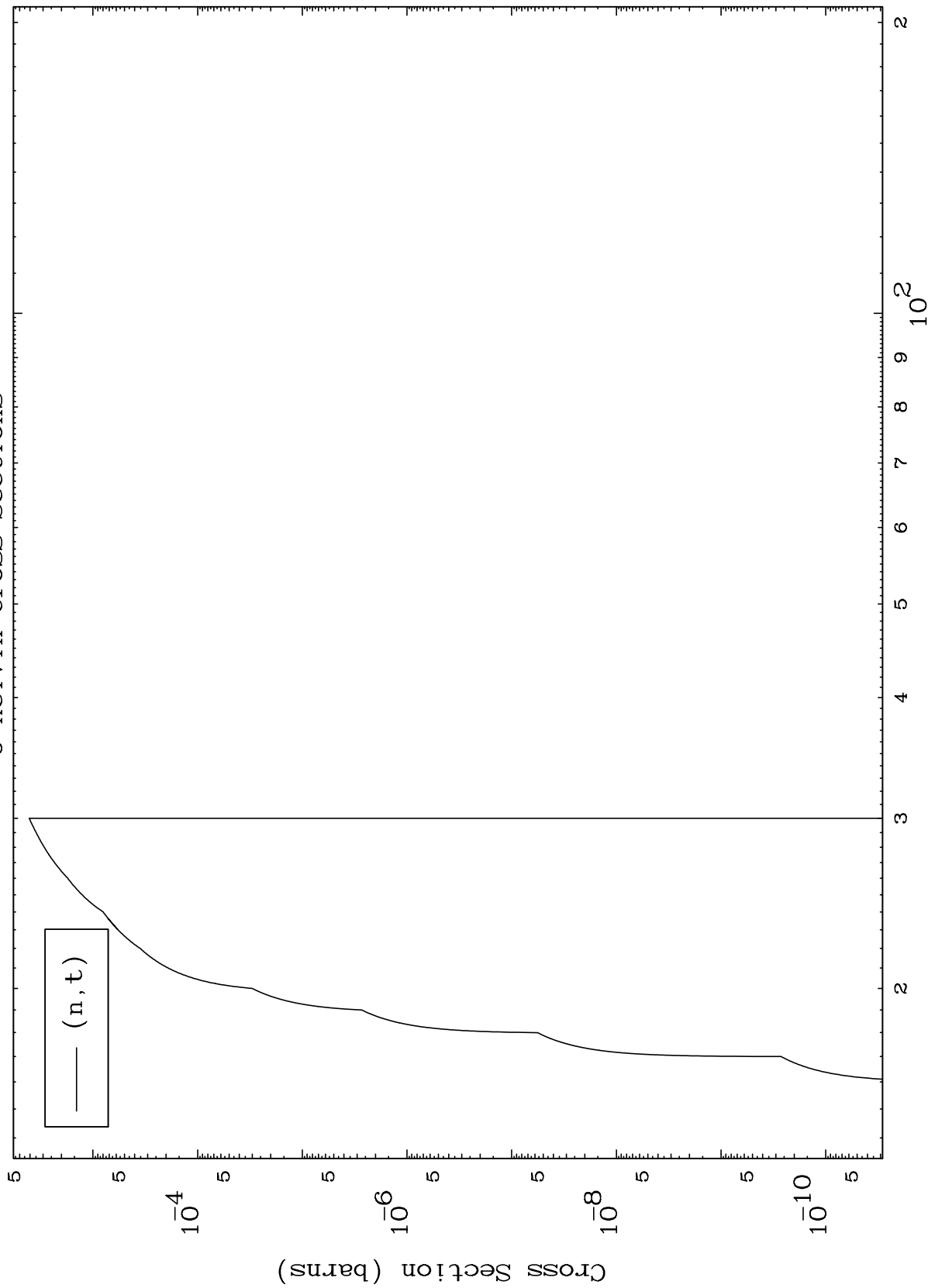


40-Zr-93

Incident Energy (MeV)

8

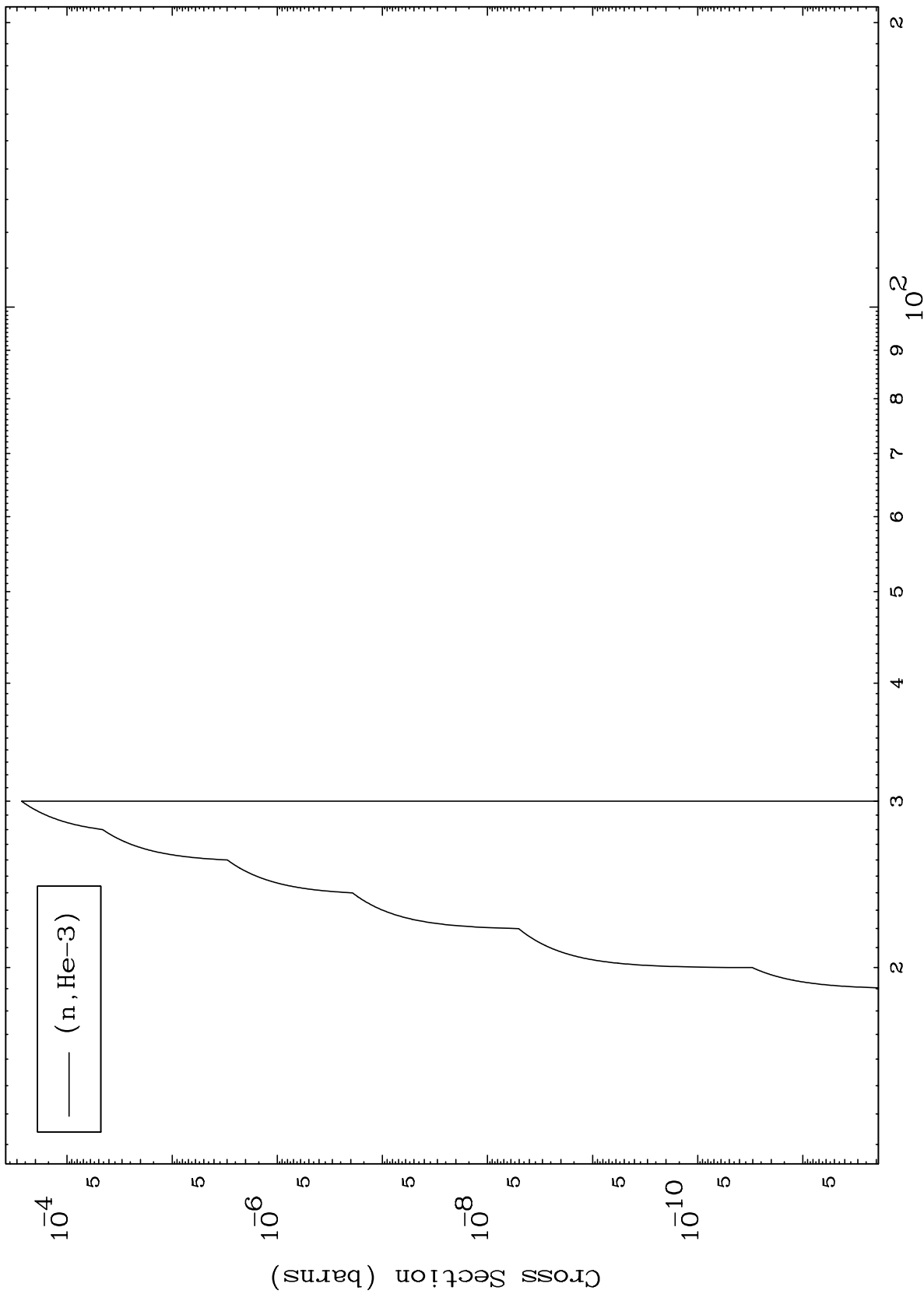
(α, t) Levels
0 Kelvin Cross Sections



MAT 4034

40-Zr-93

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



40-Zr-93

Incident Energy (MeV)

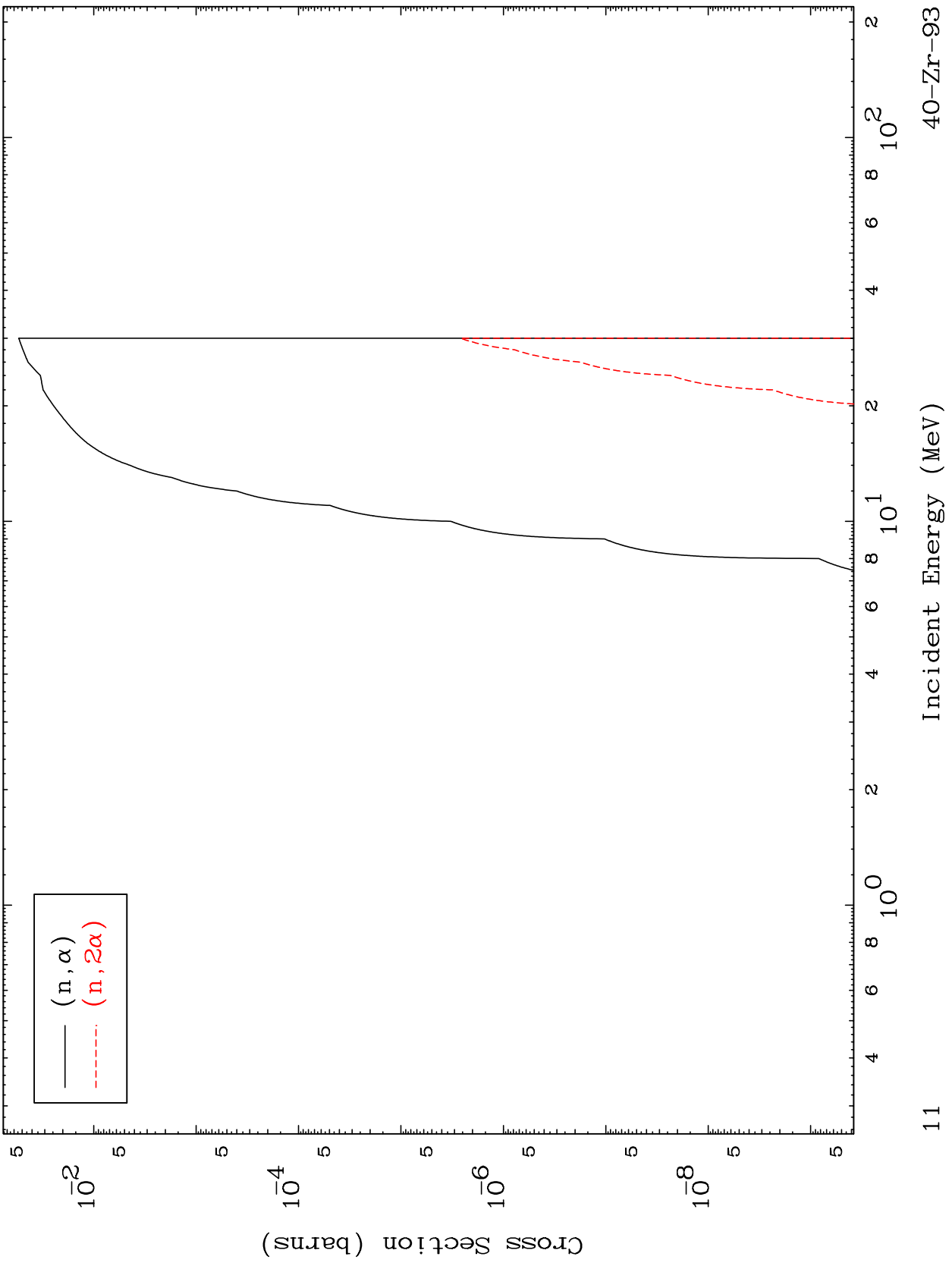
10

MAT 4034

(α, α) Levels

40-Zr-93

0 Kelvin Cross Sections

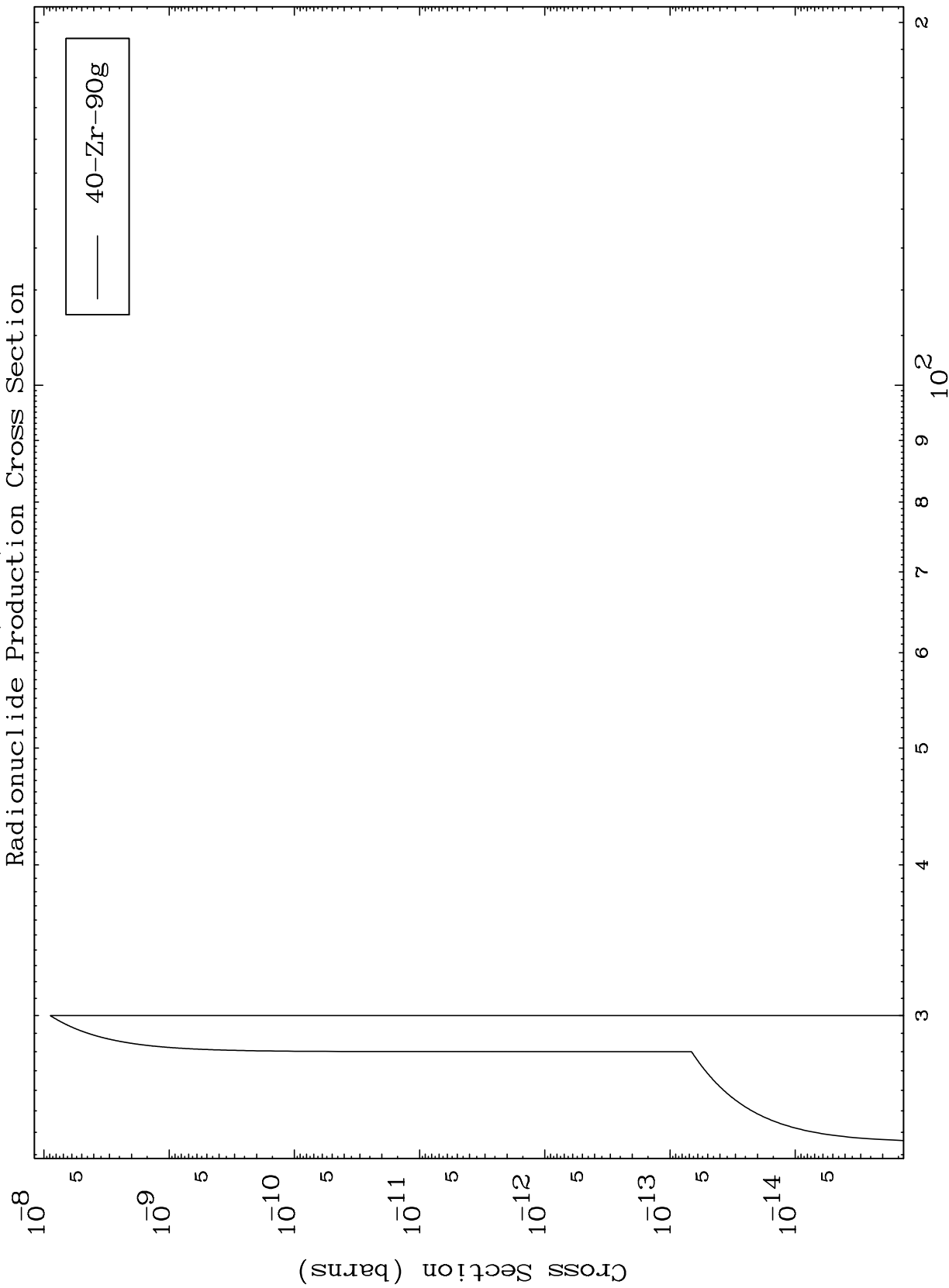


MAT 4034

(n,3n) α

40-Zr-93

Radionuclide Production Cross Section



12

Incident Energy (MeV)

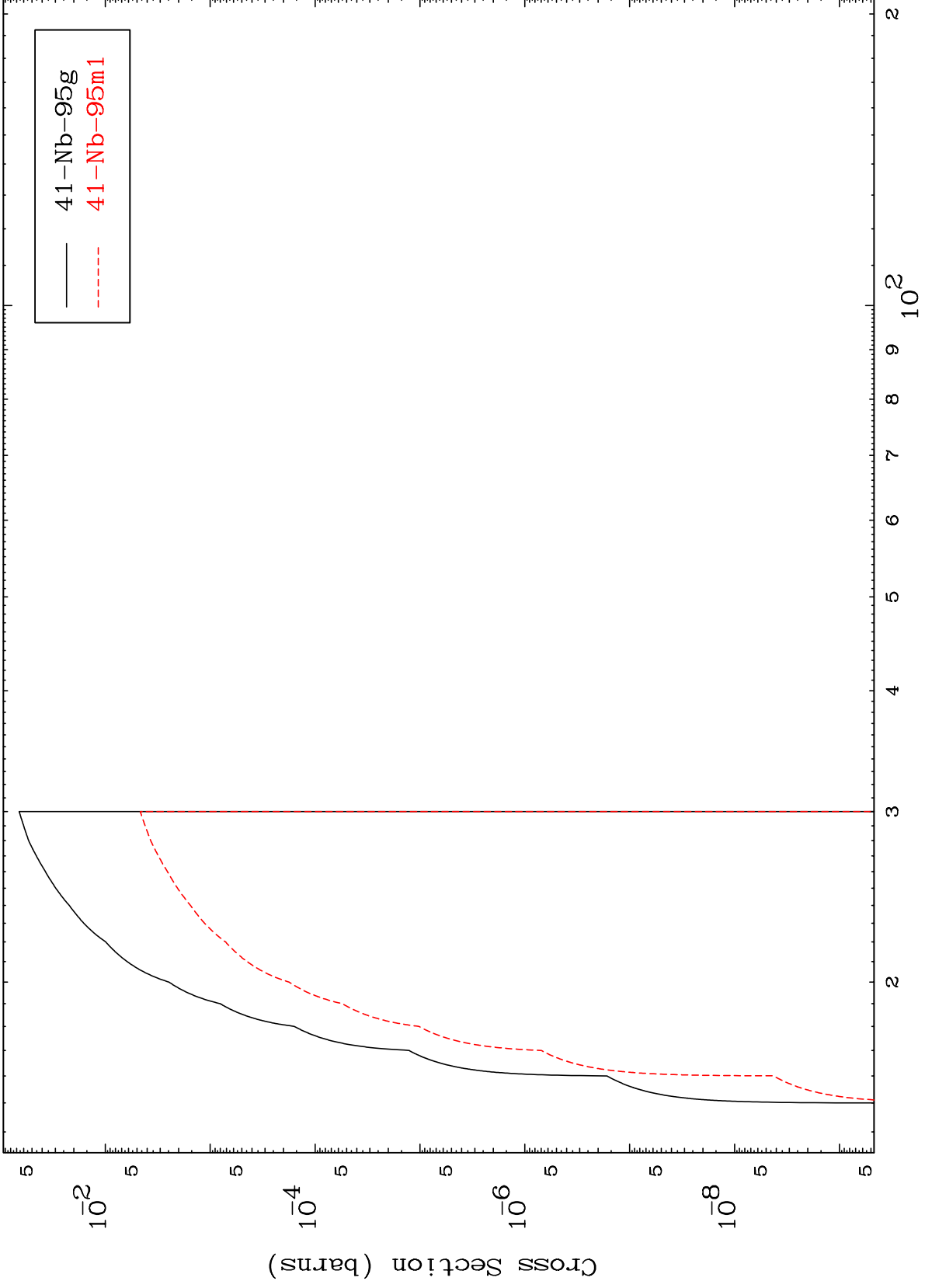
40-Zr-93

MAT 4034

(n,n') p

40-Zr-93

Radionuclide Production Cross Section



13

Incident Energy (MeV)

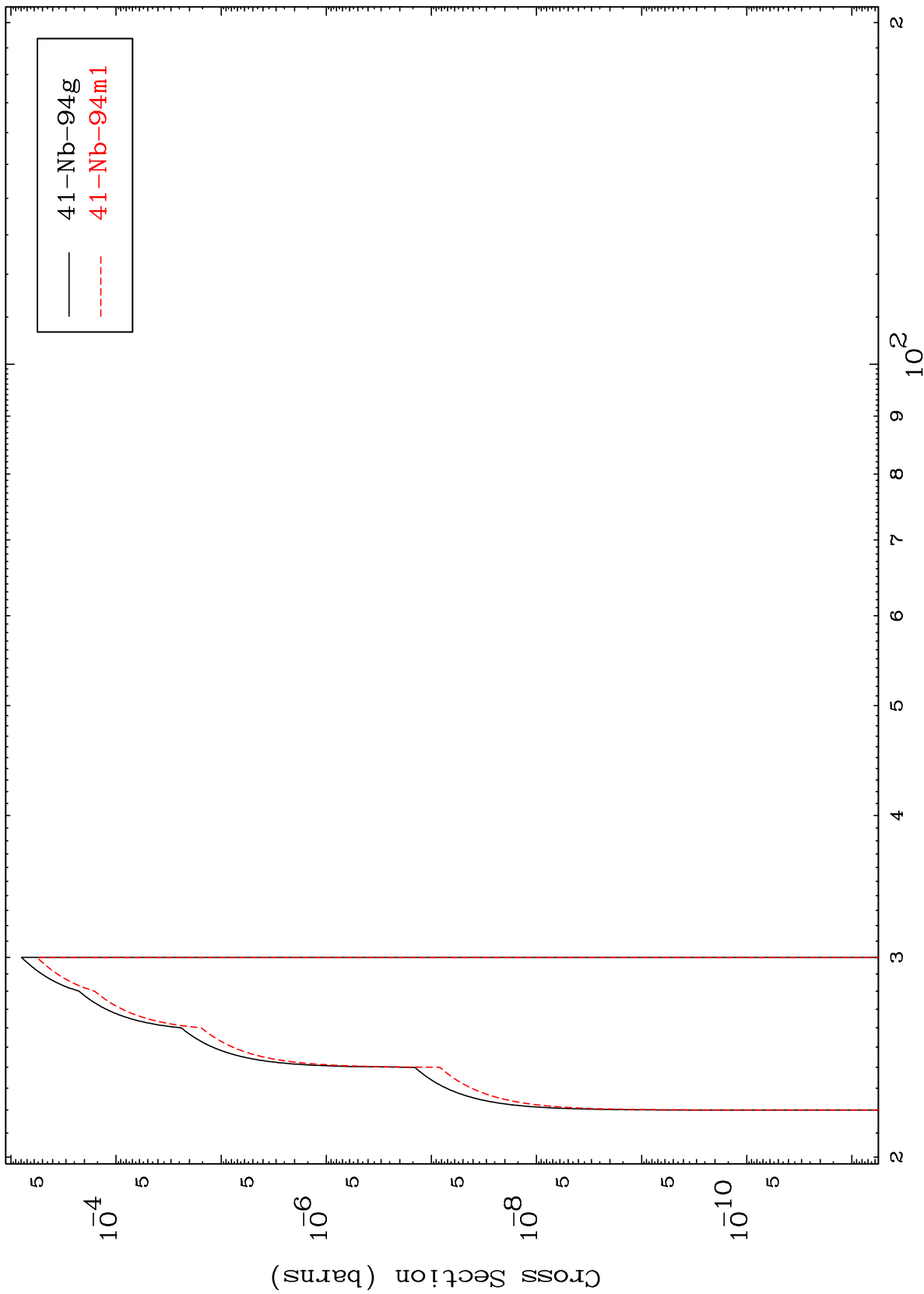
40-Zr-93

MAT 4034

(n,n') d

40-Zr-93

Radionuclide Production Cross Section



14

Incident Energy (MeV)

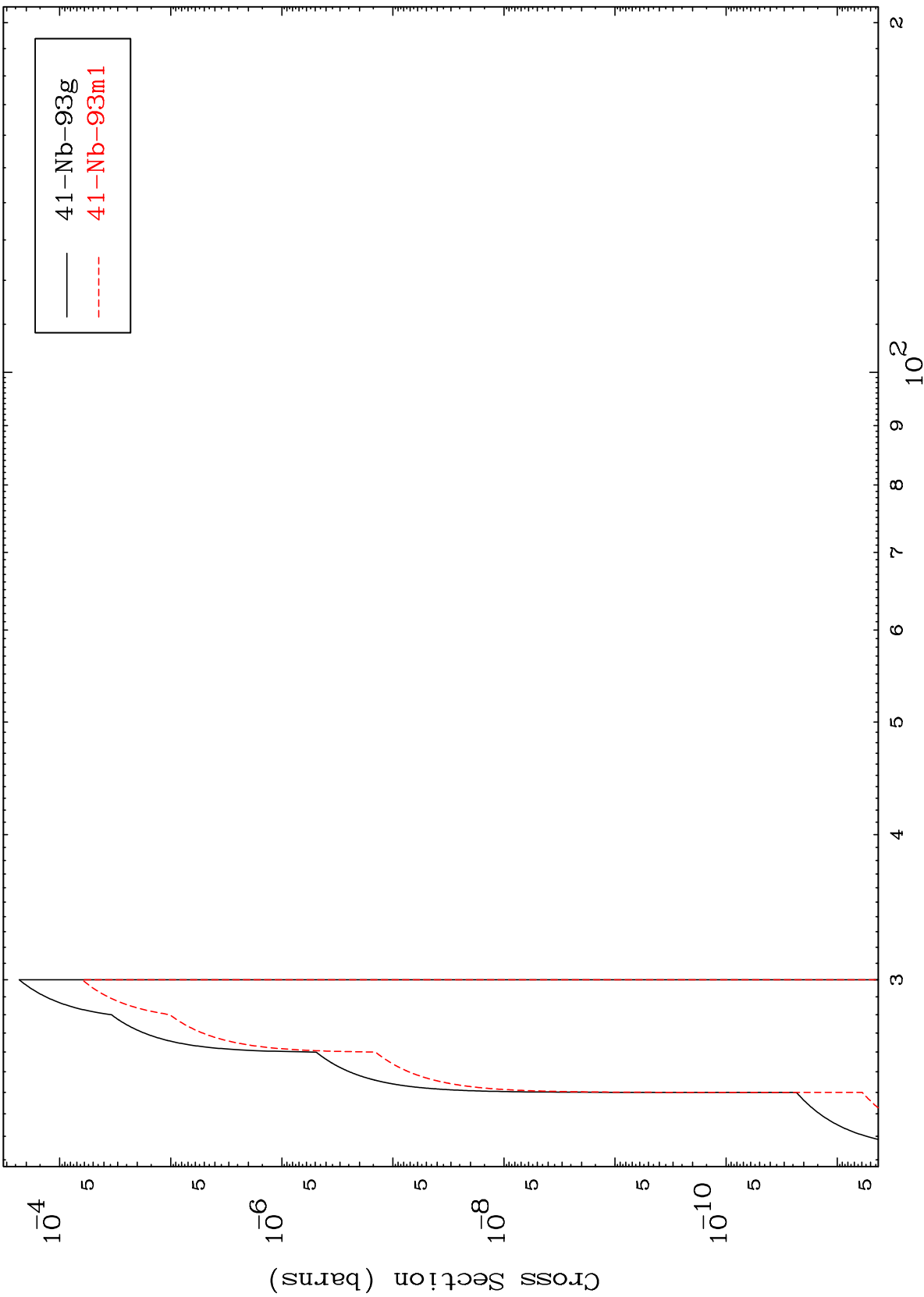
40-Zr-93

MAT 4034

(n,n') t

40-Zr-93

Radionuclide Production Cross Section



15

Incident Energy (MeV)

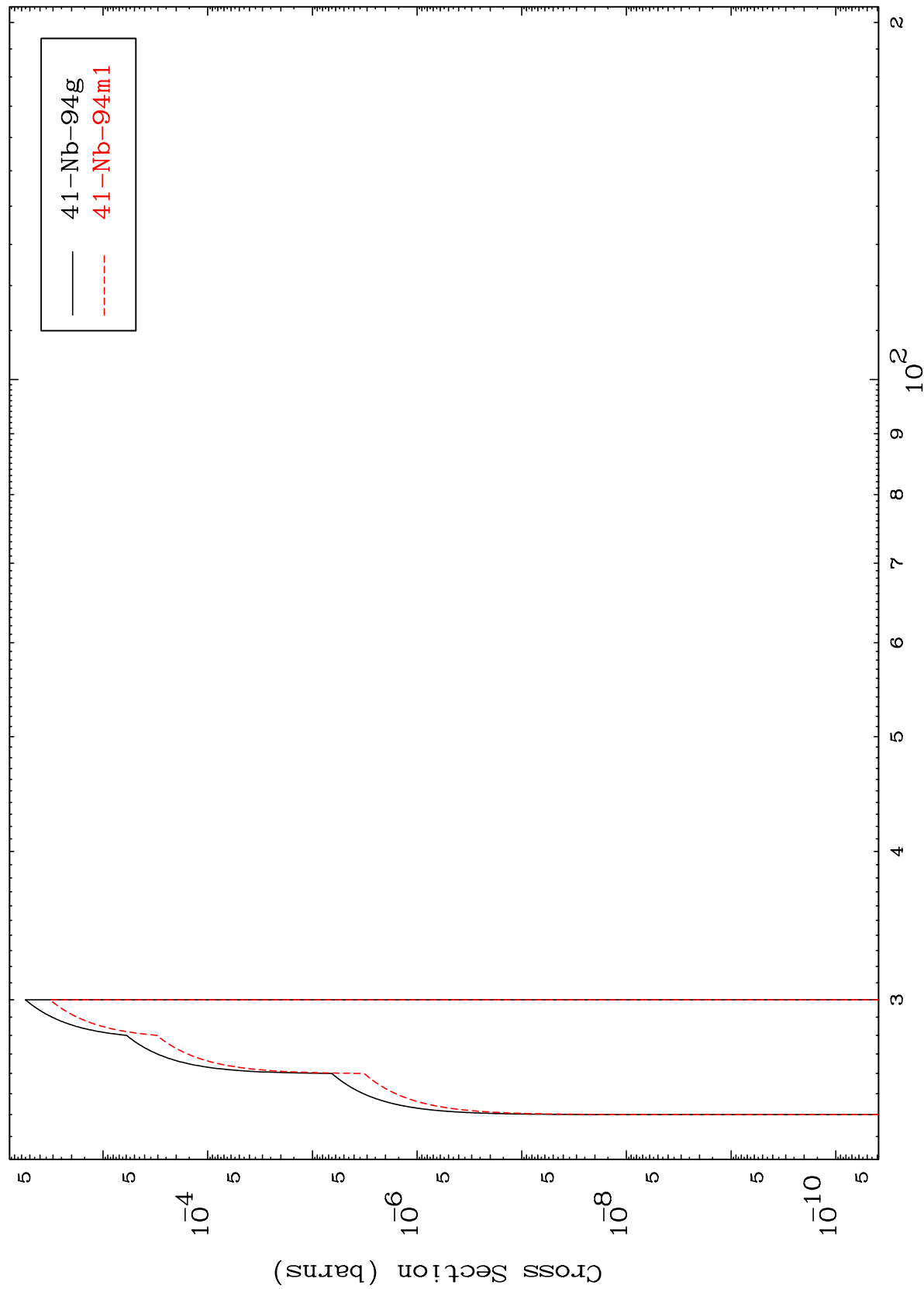
40-Zr-93

MAT 4034

(n,2n) p

40-Zr-93

Radionuclide Production Cross Section



16

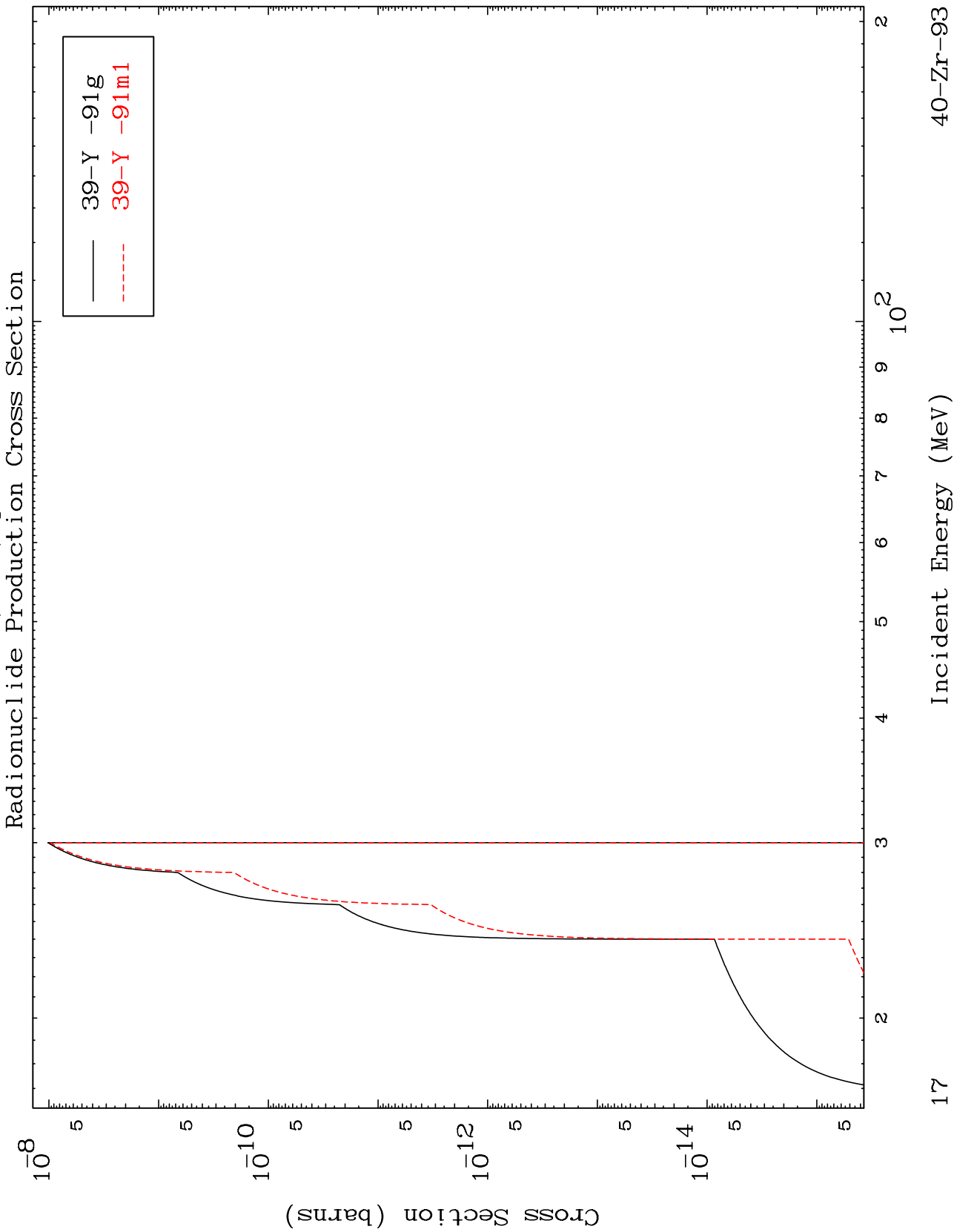
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,n') p α

40-Zr-93



17

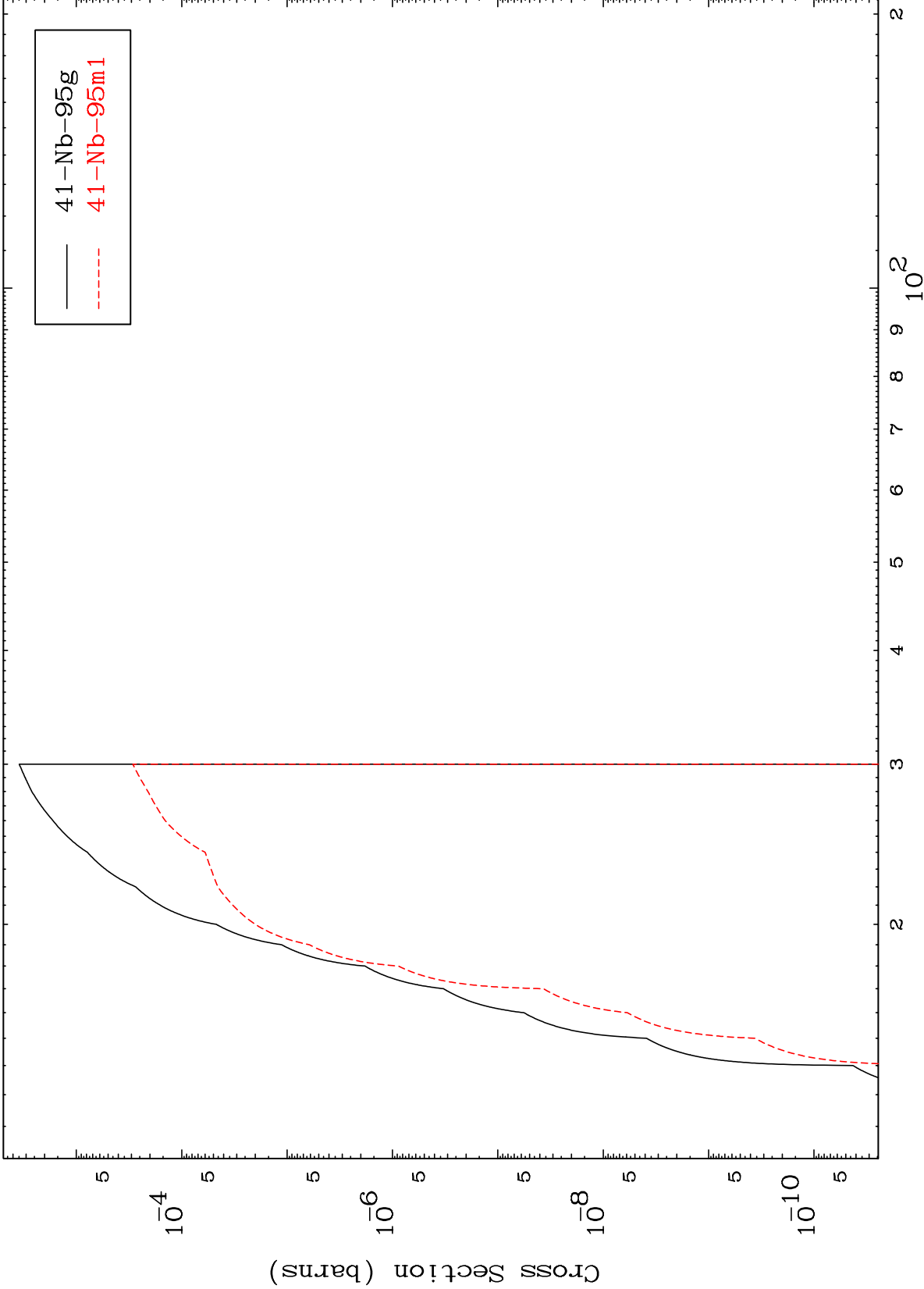
40-Zr-93

MAT 4034

(n,d)

40-Zr-93

Radionuclide Production Cross Section



18

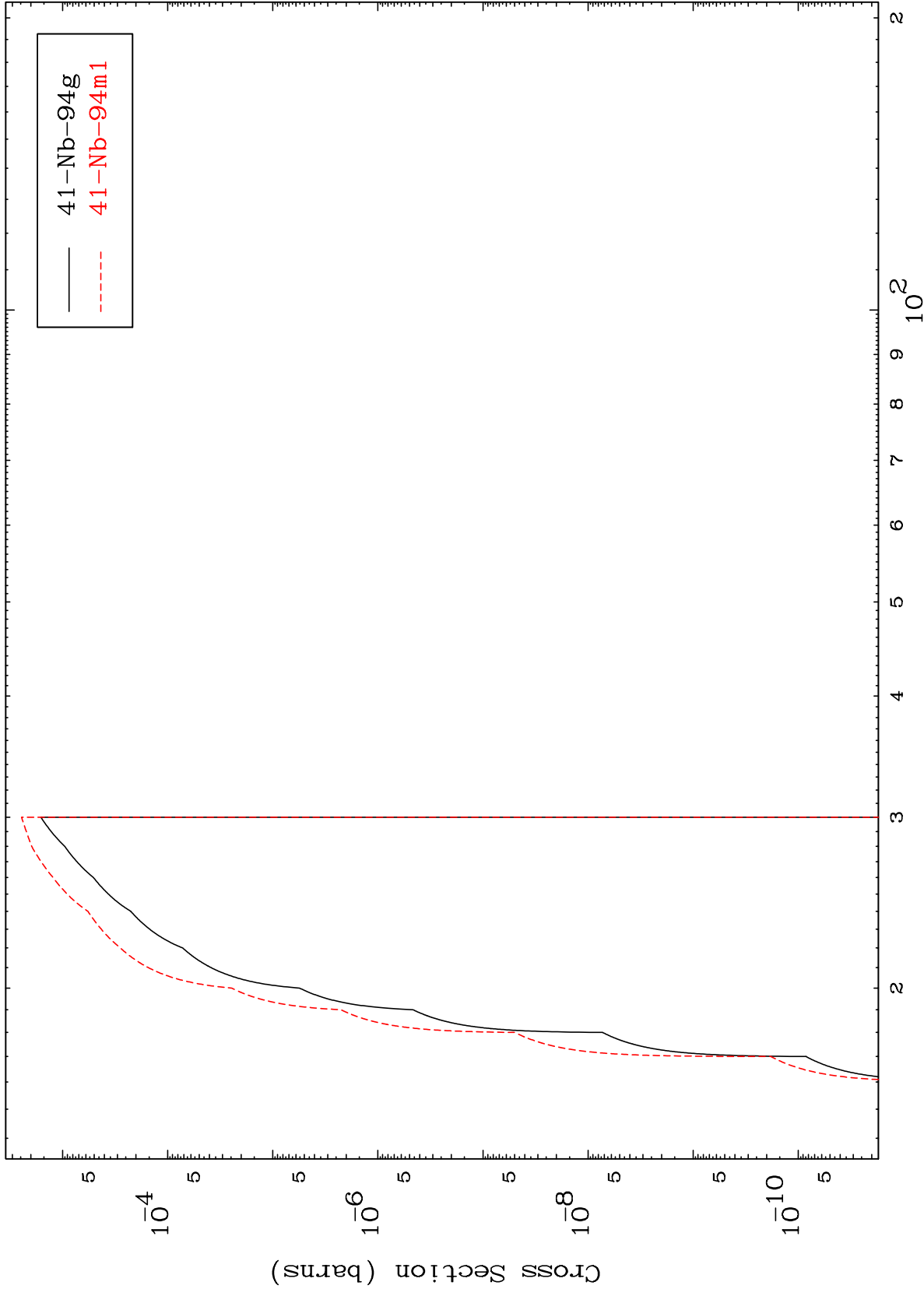
Incident Energy (MeV)

40-Zr-93

MAT 4034

40-Zr-93

(n,t)
Radionuclide Production Cross Section



19

40-Zr-93

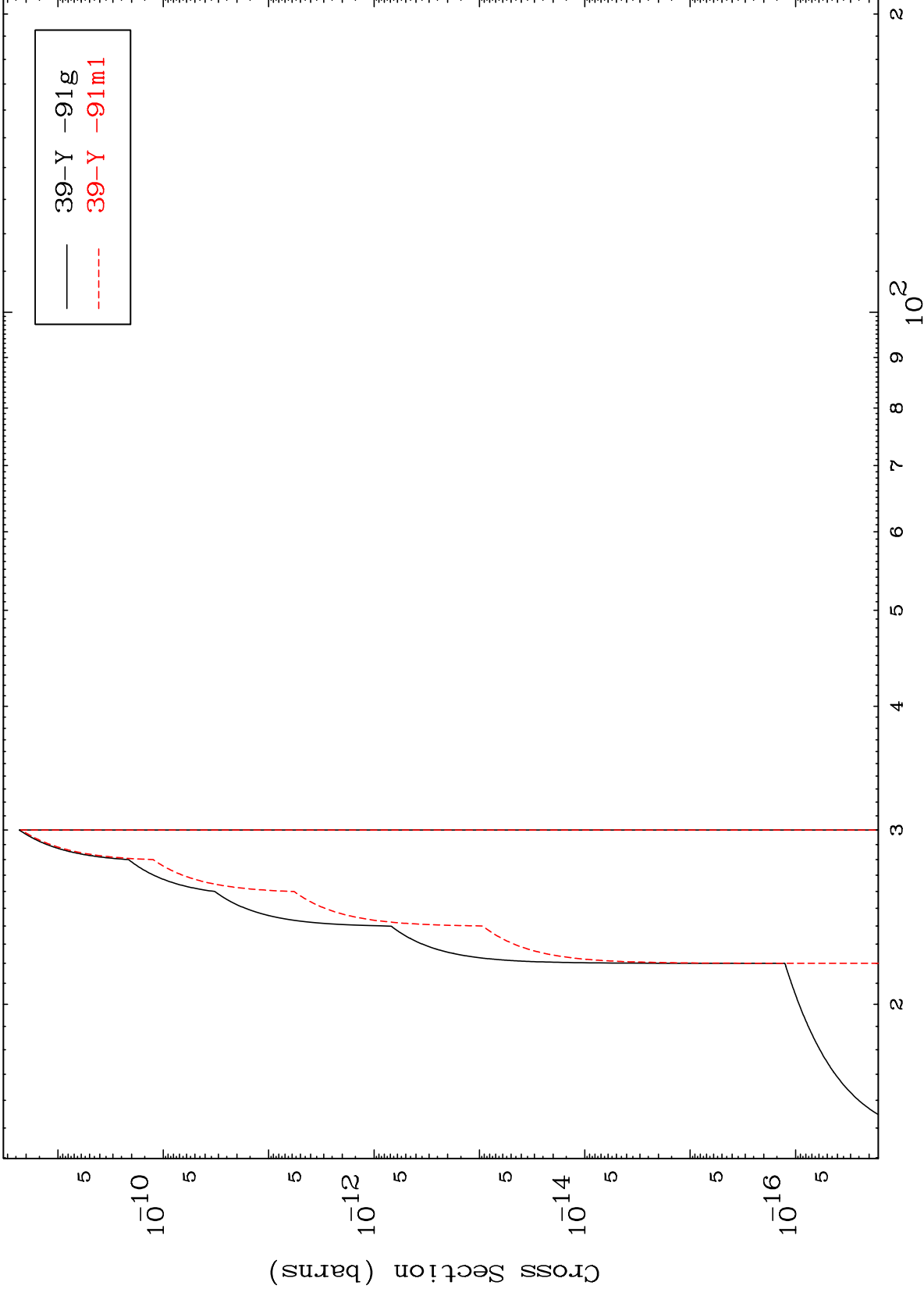
Incident Energy (MeV)

MAT 4034

(n,d) α

40-Zr-93

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

40-Zr-93