

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

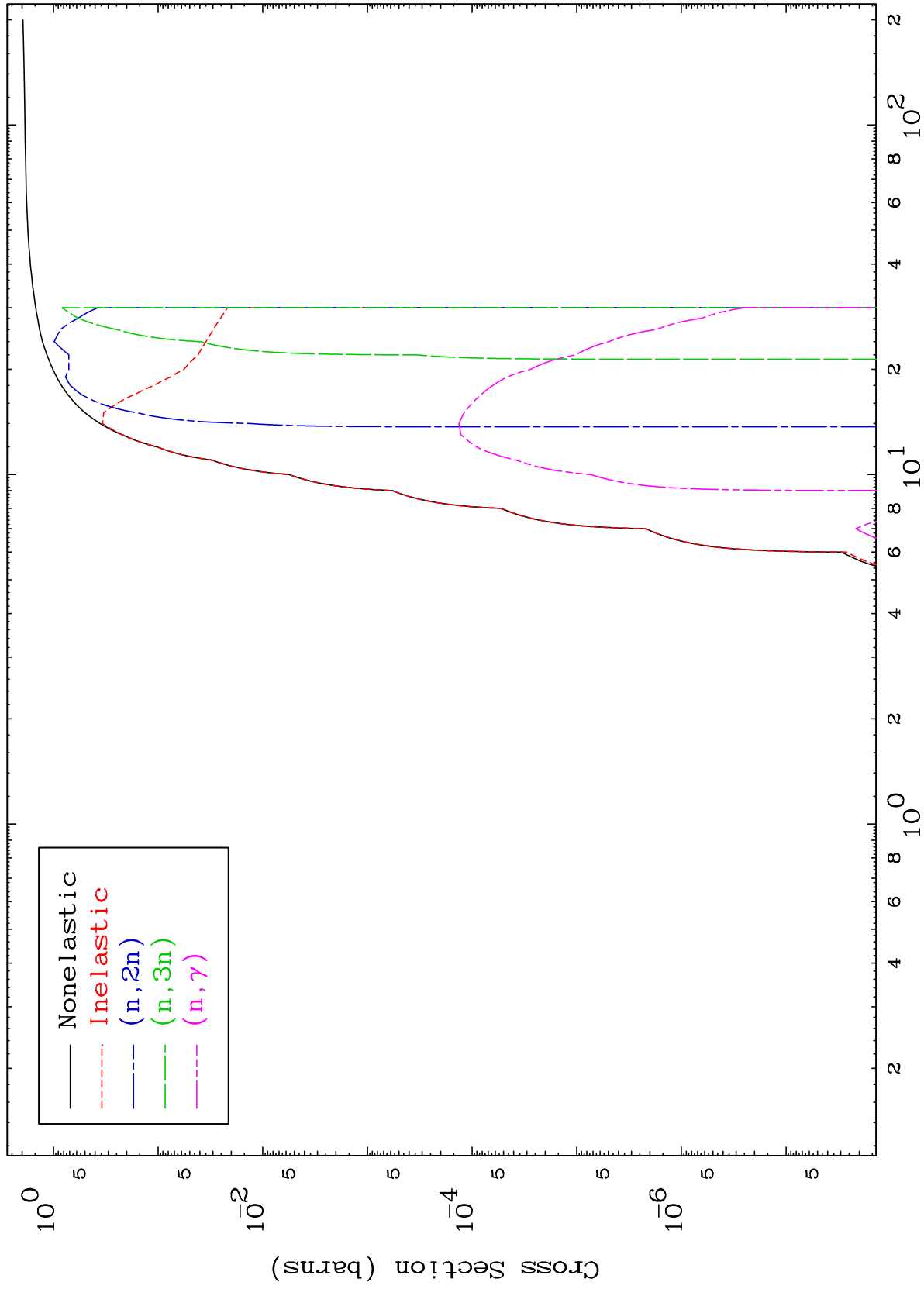
Press Mouse Button to Start

MAT 4034

0 Kelvin

α Major Cross Sections

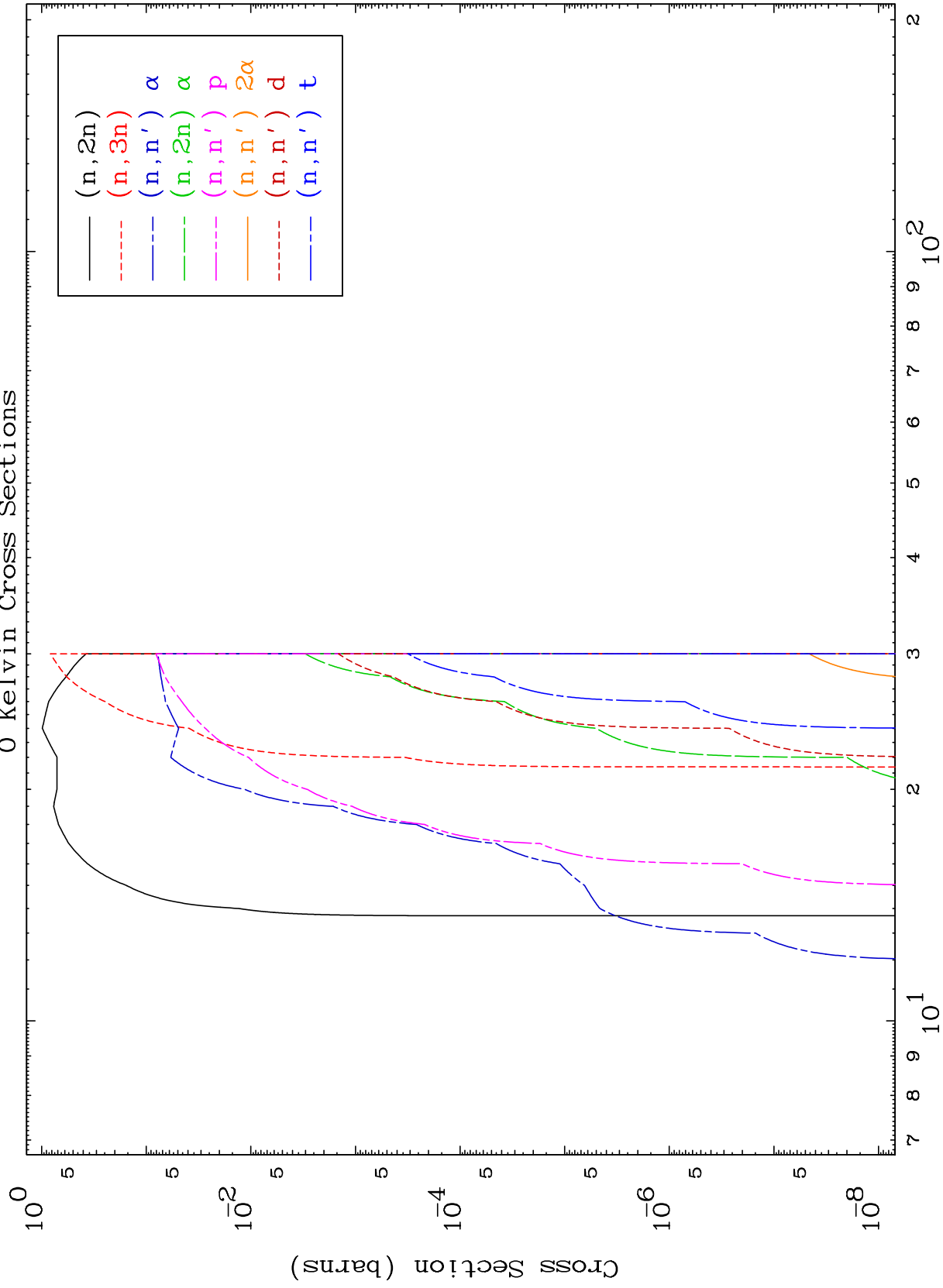
40-Zr-93



MAT 4034

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-93



2

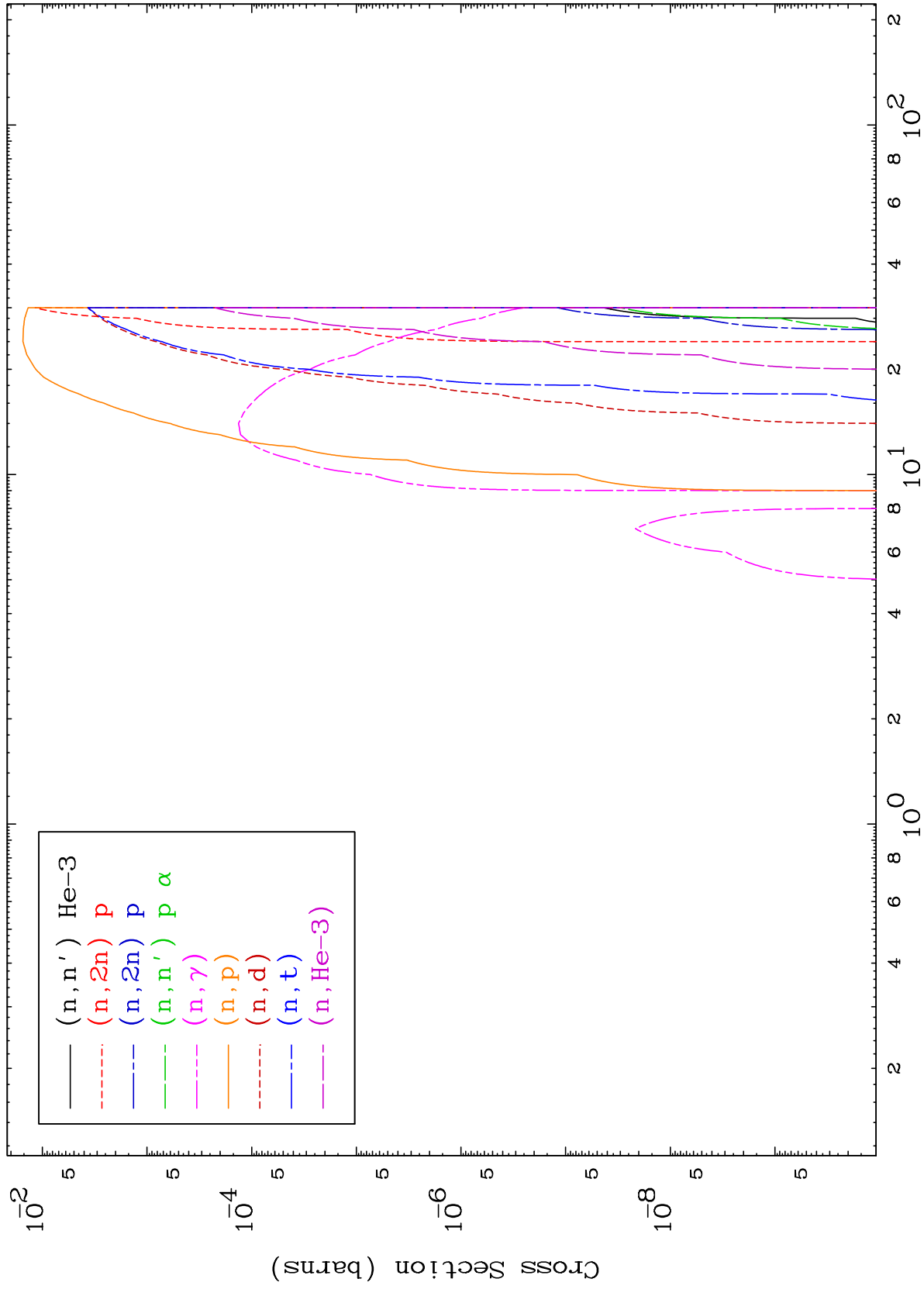
Incident Energy (MeV)

40-Zr-93

MAT 4034

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-93



3

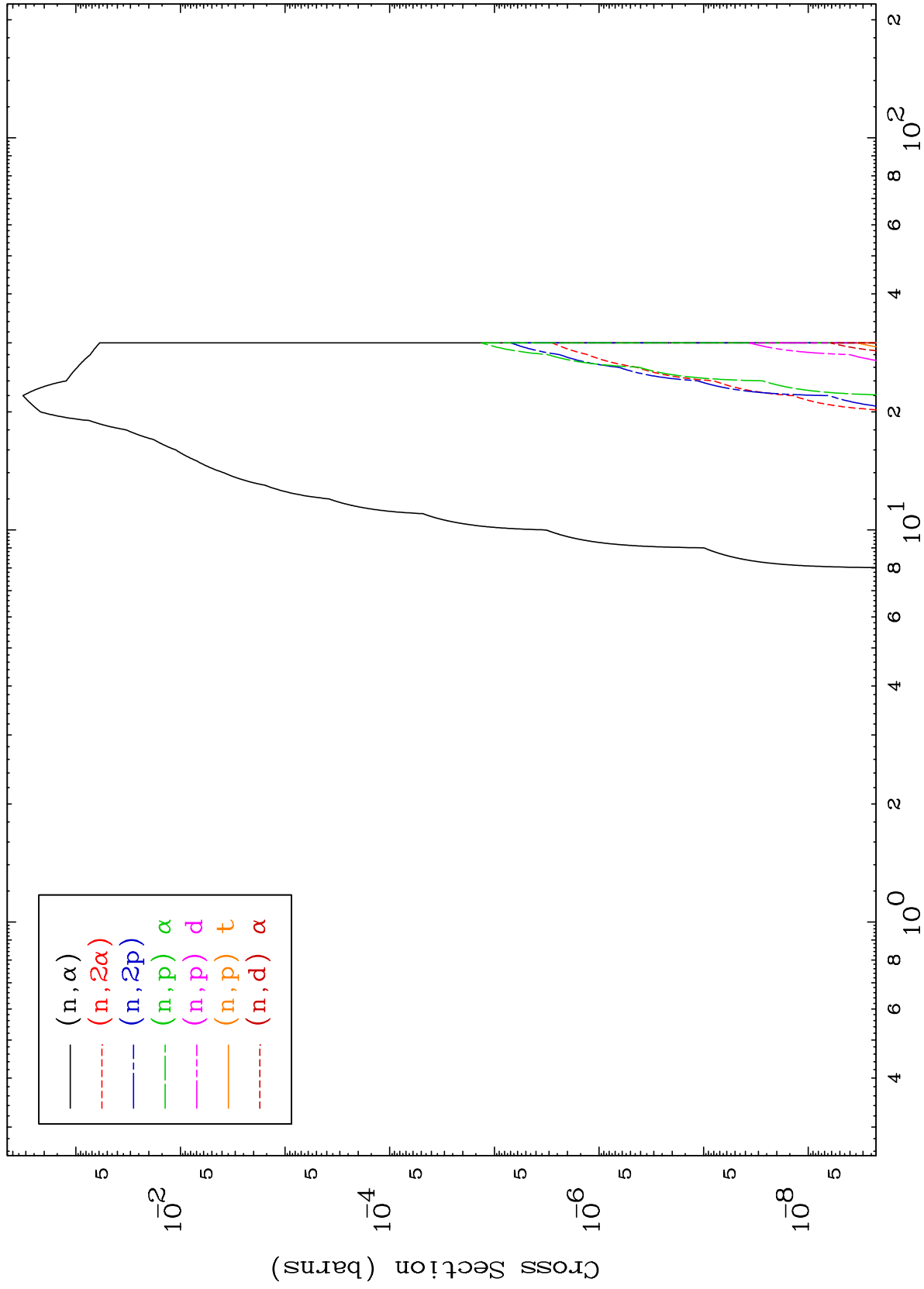
Incident Energy (MeV)

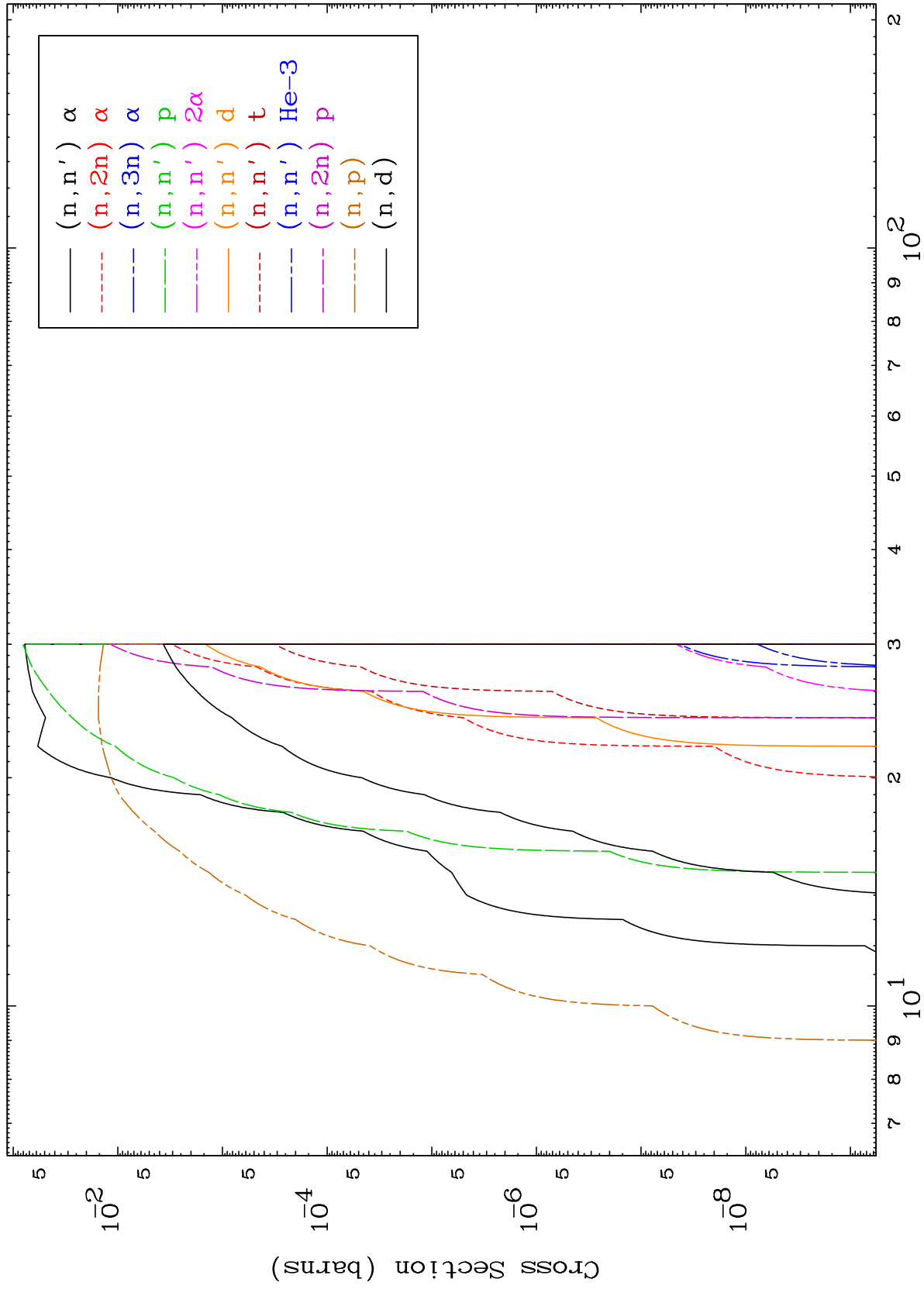
40-Zr-93

MAT 4034

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-93

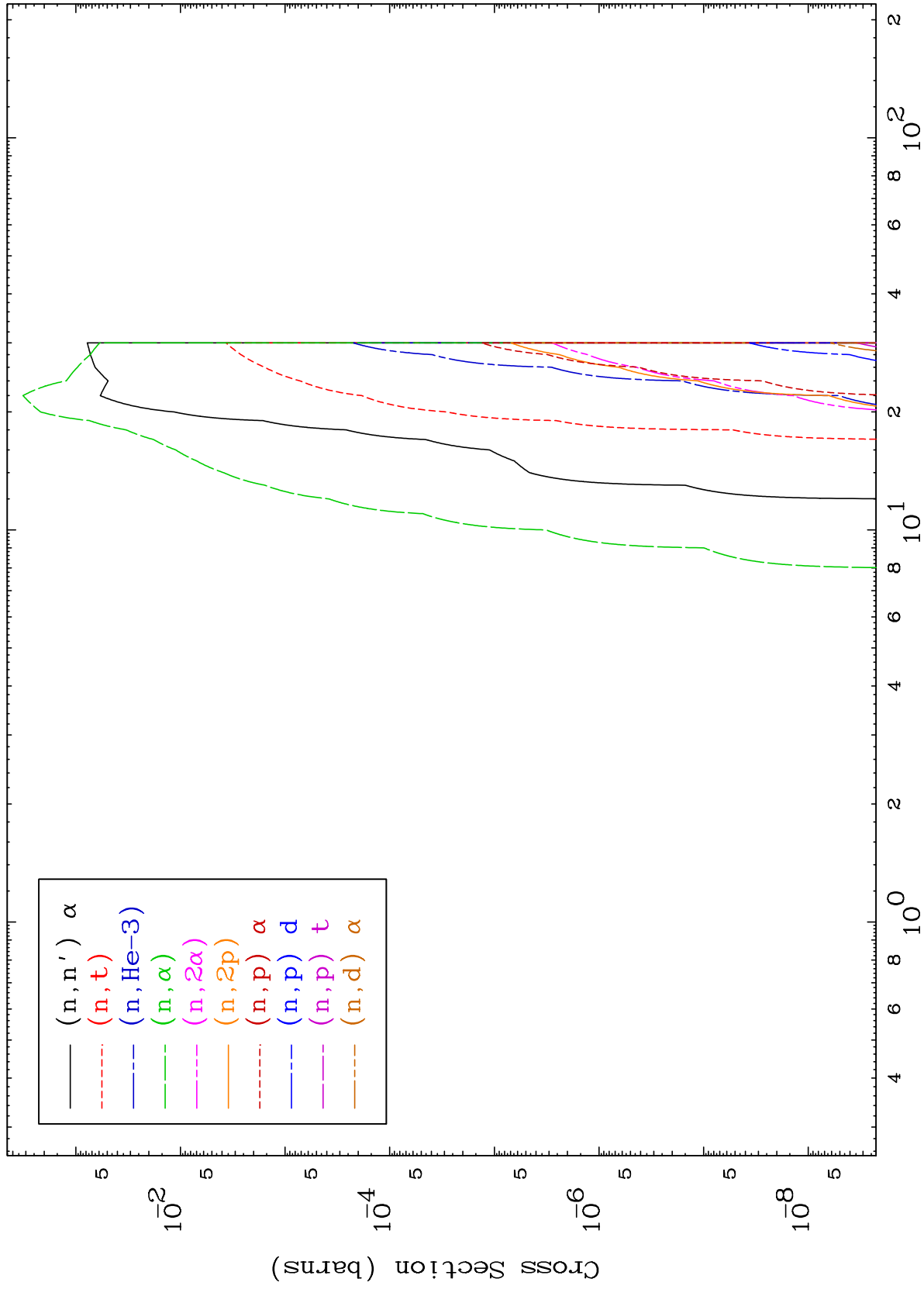




MAT 4034

α Charged Particle
0 Kelvin Cross Sections

40-Zr-93



6

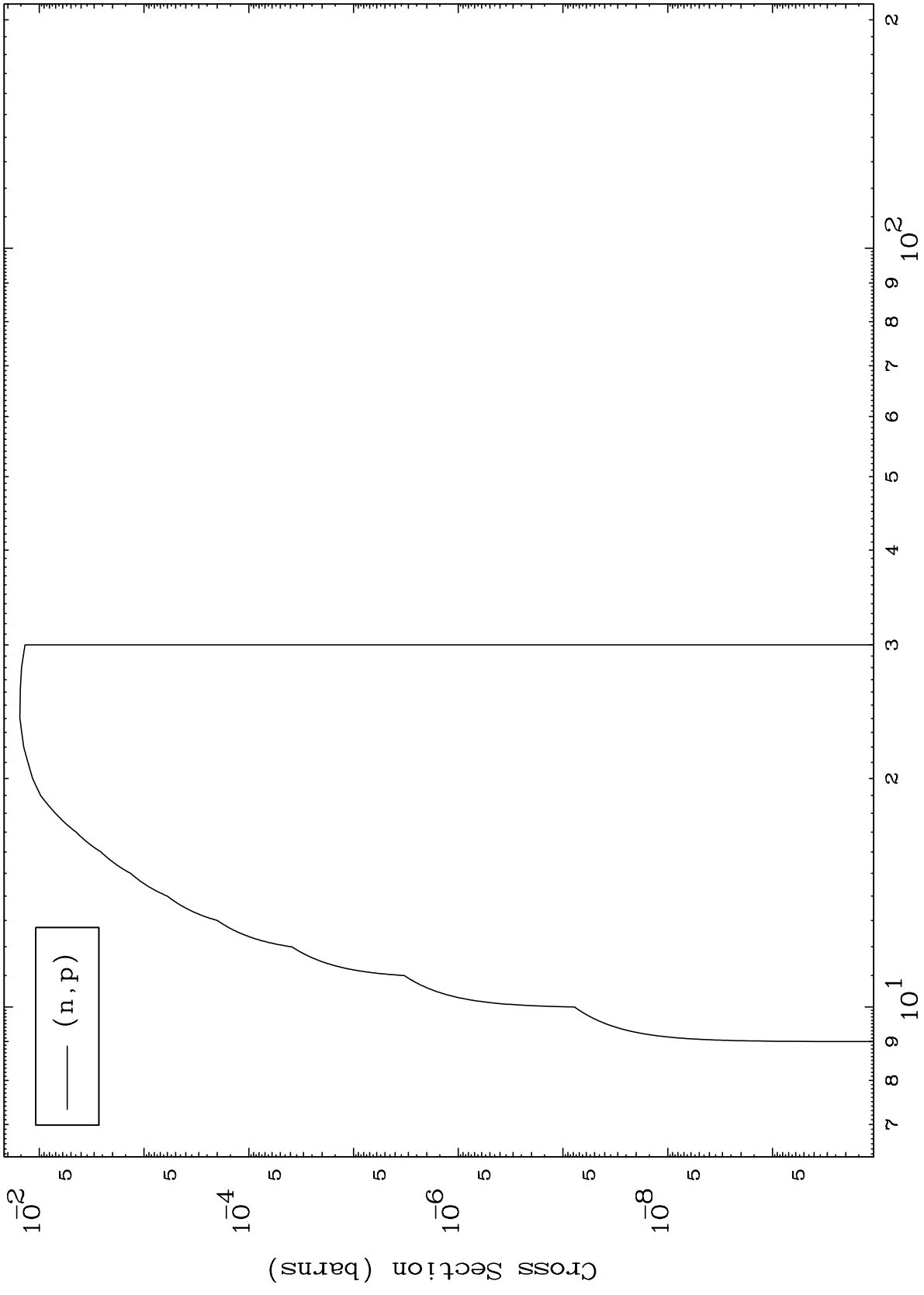
Incident Energy (MeV)

40-Zr-93

MAT 4034

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-93



7

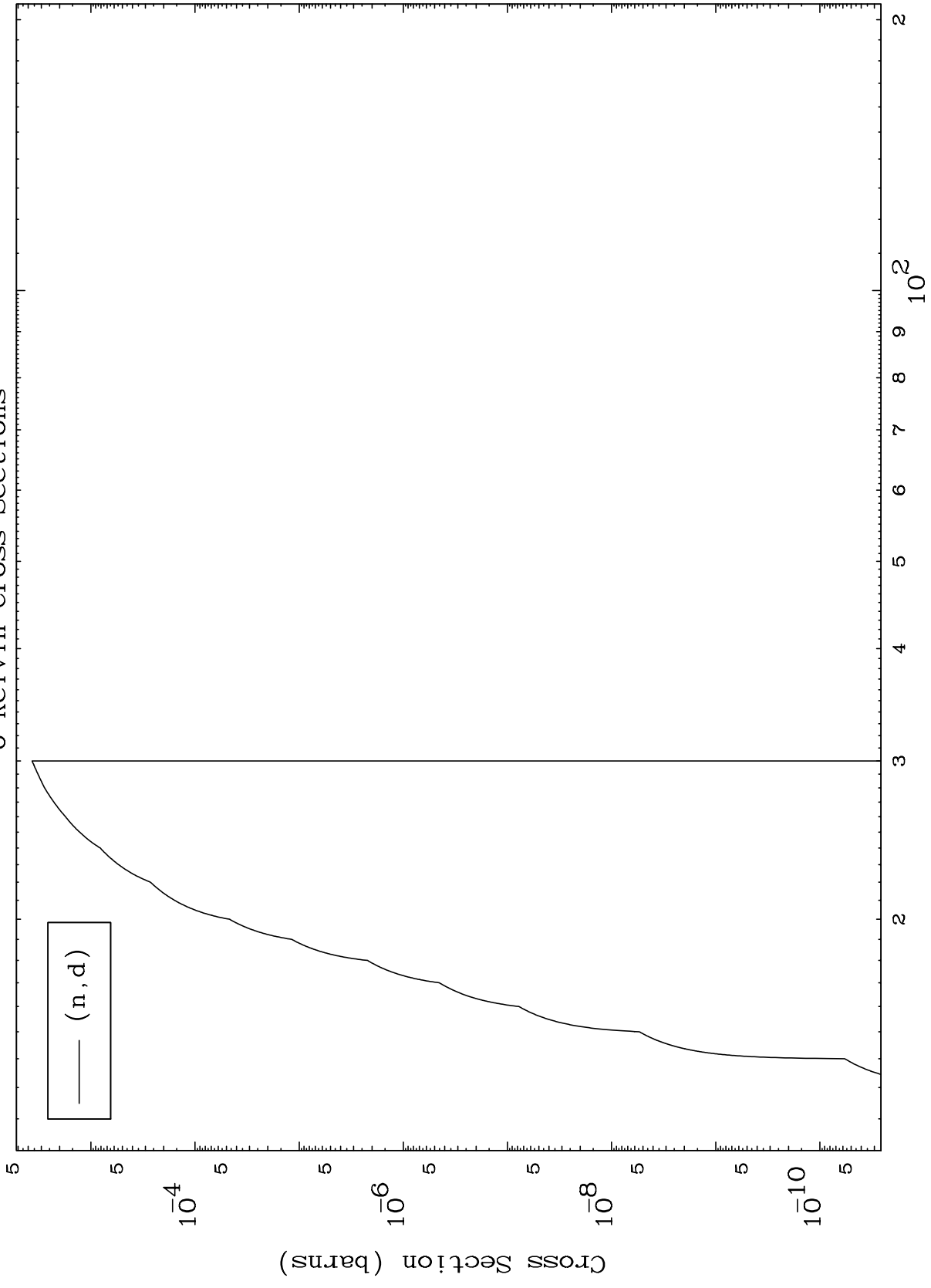
Incident Energy (MeV)

40-Zr-93

MAT 4034

(α, d) Levels
0 Kelvin Cross Sections

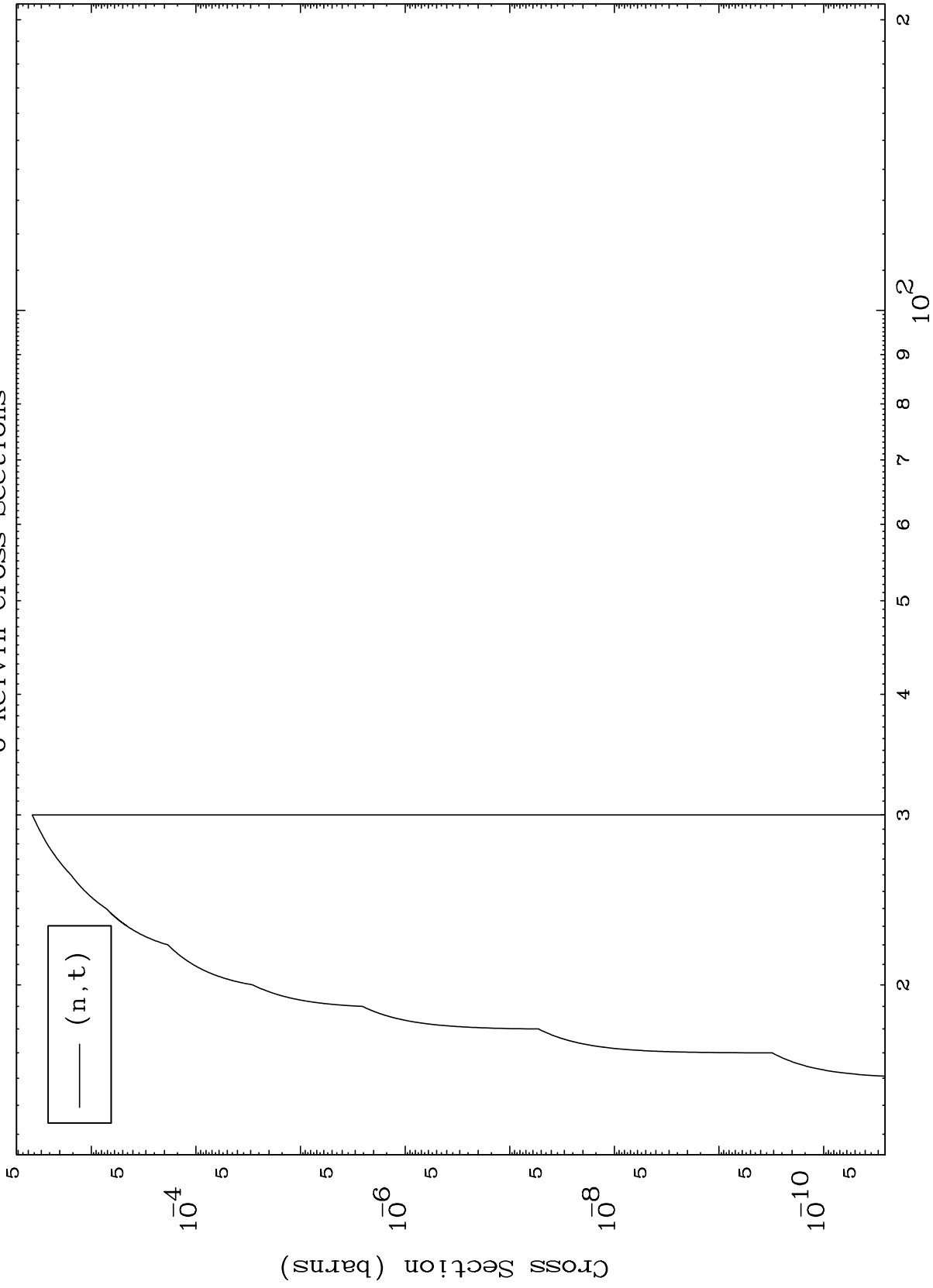
40-Zr-93



8

Incident Energy (MeV)

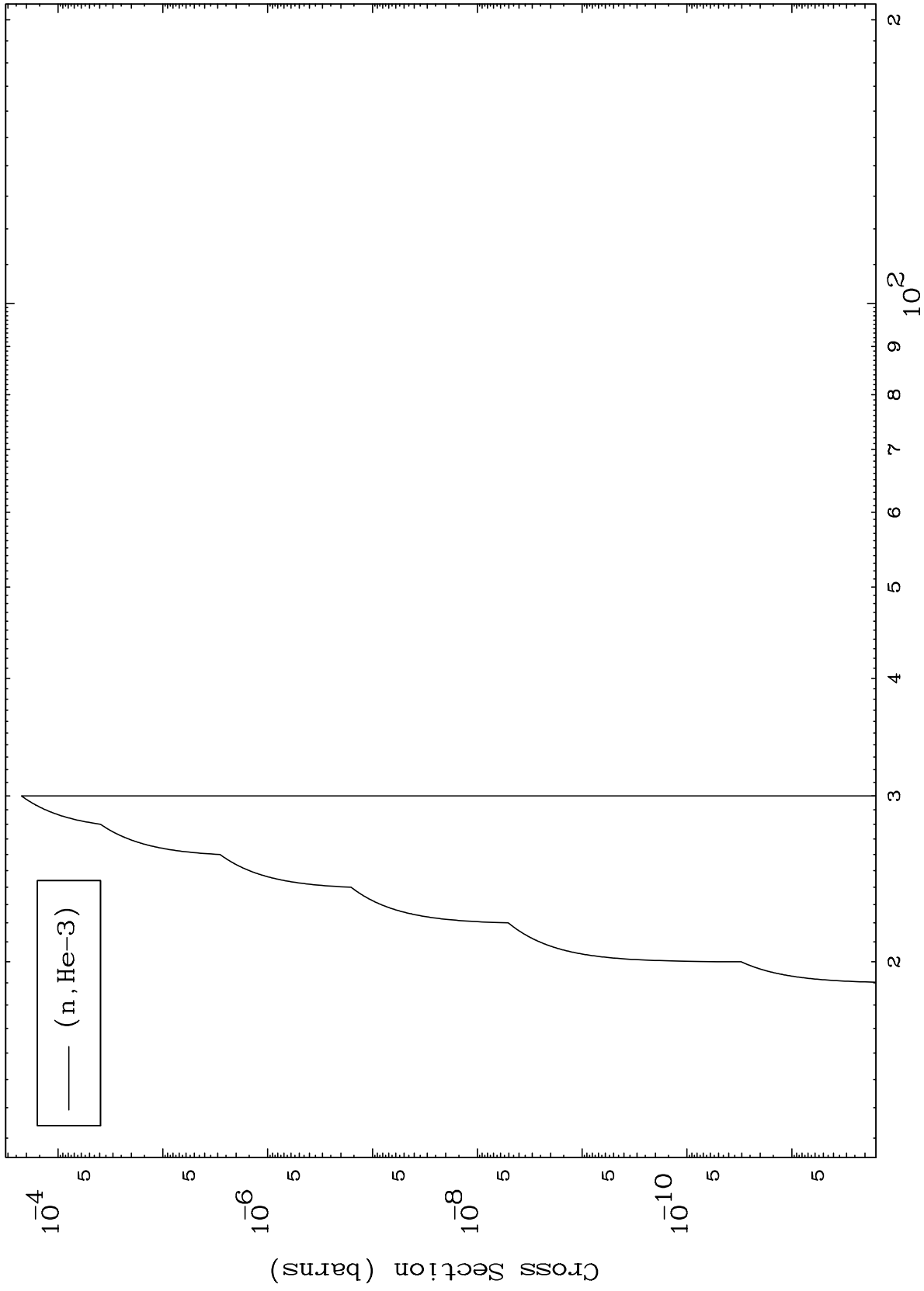
40-Zr-93



MAT 4034

(α ,He3) Levels
0 Kelvin Cross Sections

40-Zr-93



10

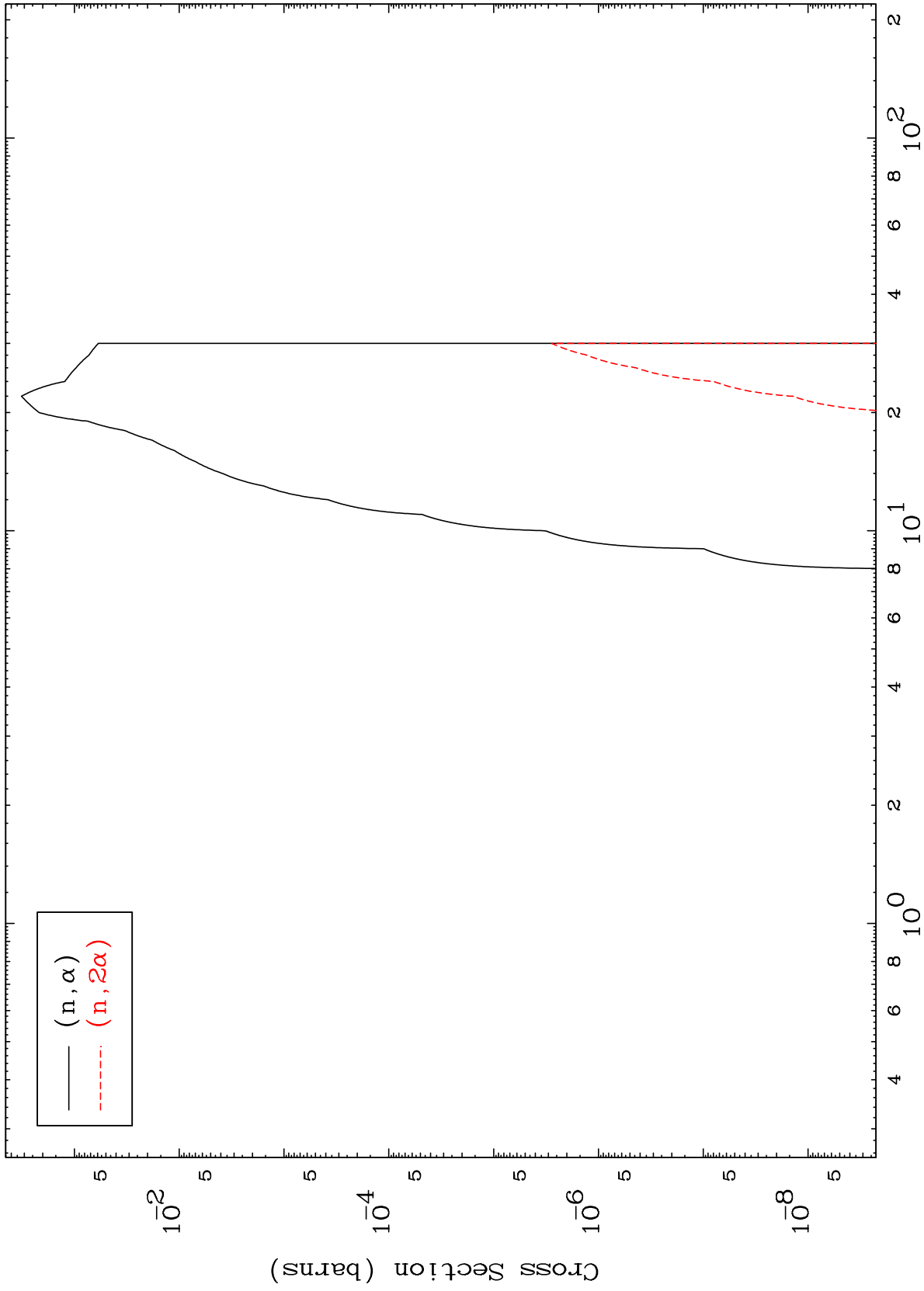
Incident Energy (MeV)

40-Zr-93

MAT 4034

(α, α) Levels
0 Kelvin Cross Sections

40-Zr-93



11

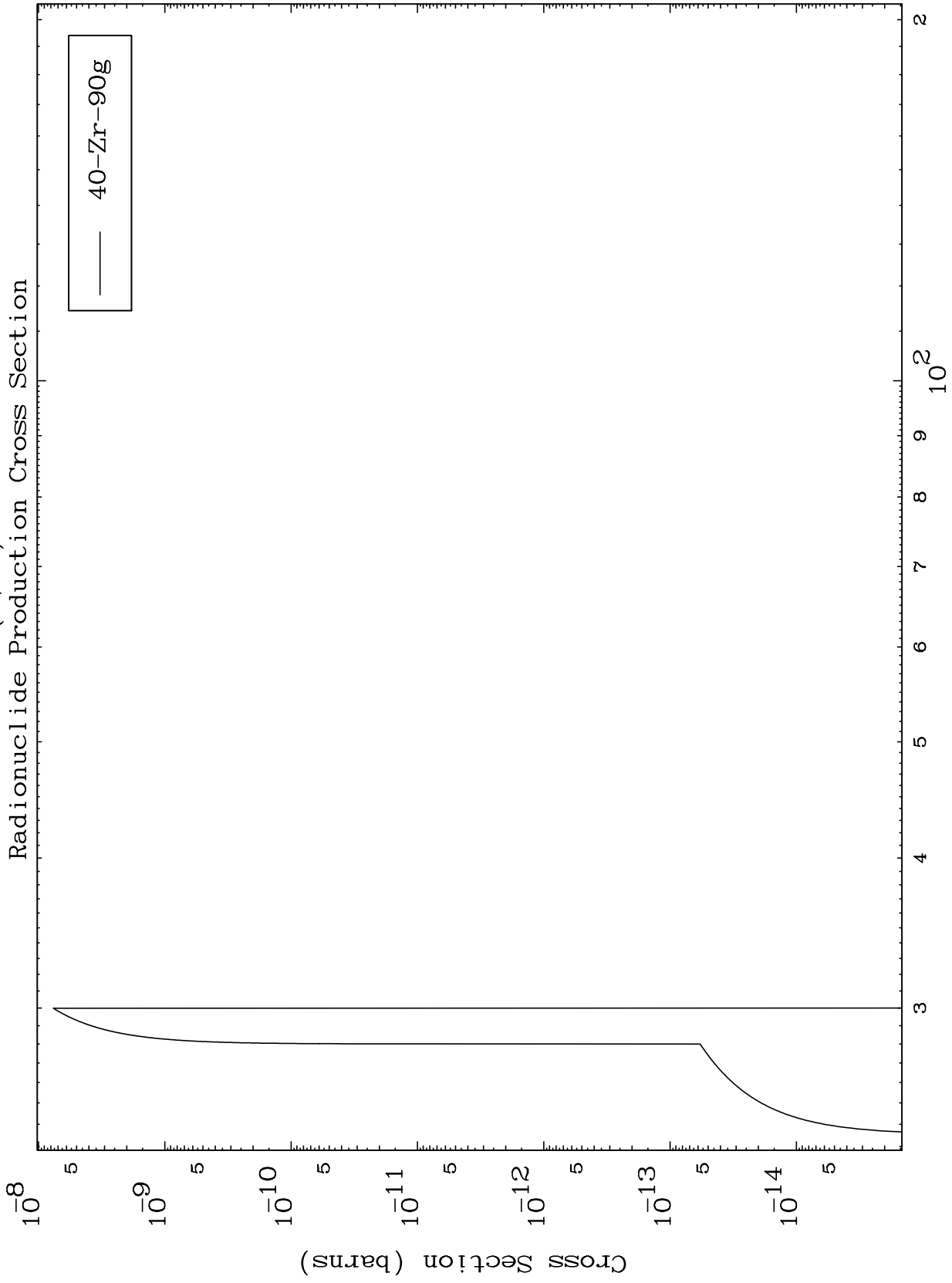
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,3n) α

40-Zr-93



40-Zr-93

Incident Energy (MeV)

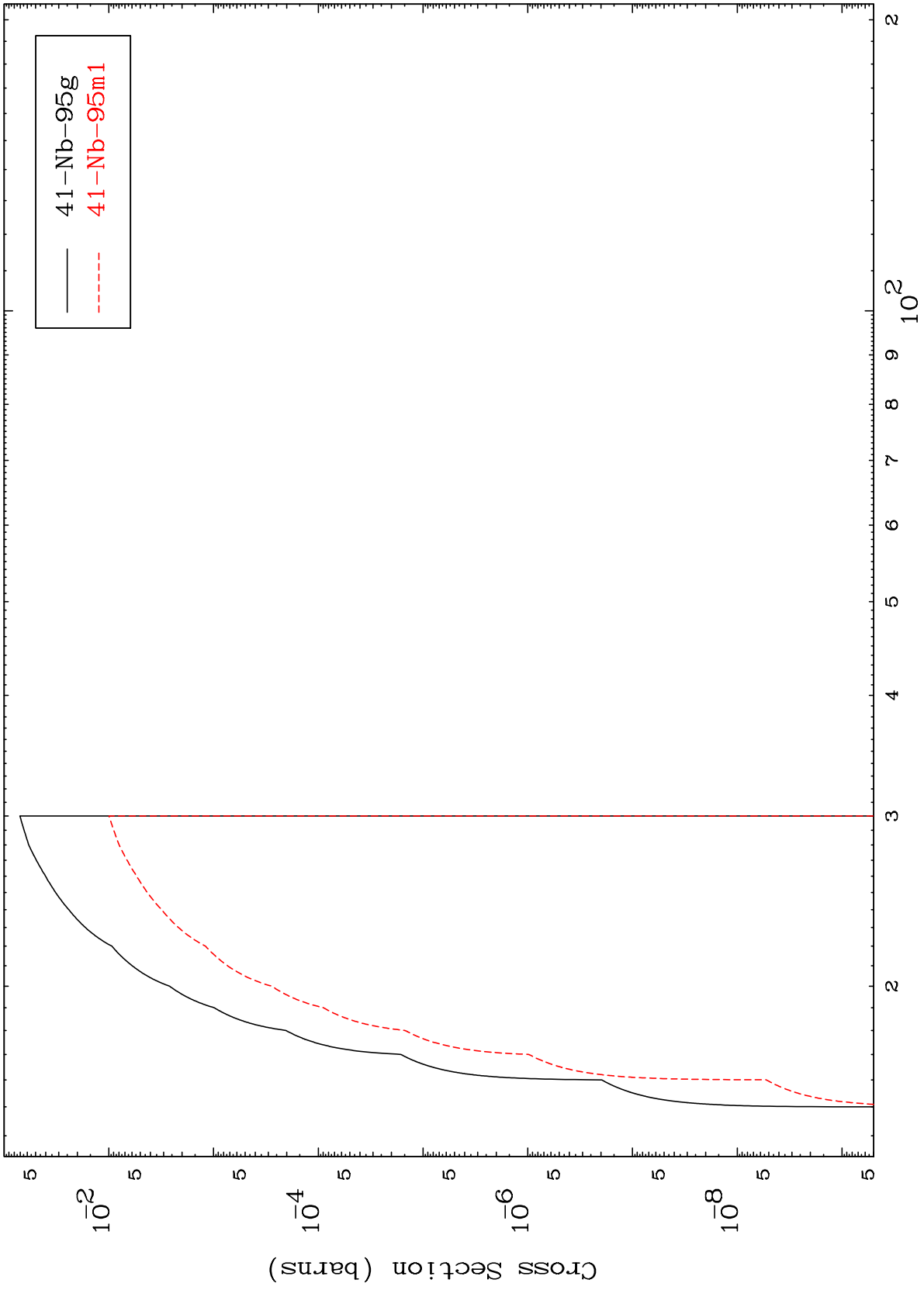
12

MAT 4034

(n,n') p

40-Zr-93

Radionuclide Production Cross Section



13

Incident Energy (MeV)

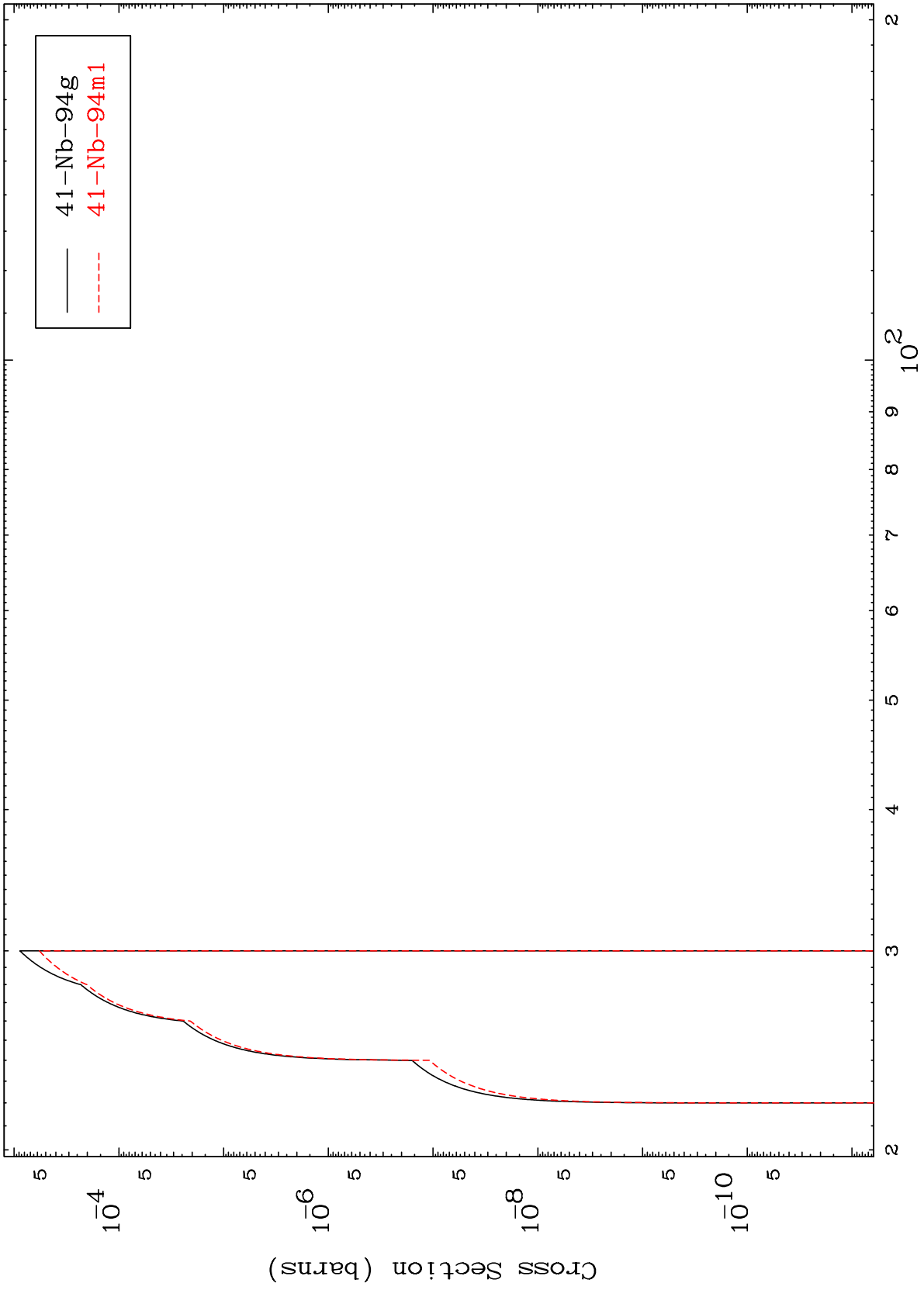
40-Zr-93

MAT 4034

(n,n') d

40-Zr-93

Radionuclide Production Cross Section



14

Incident Energy (MeV)

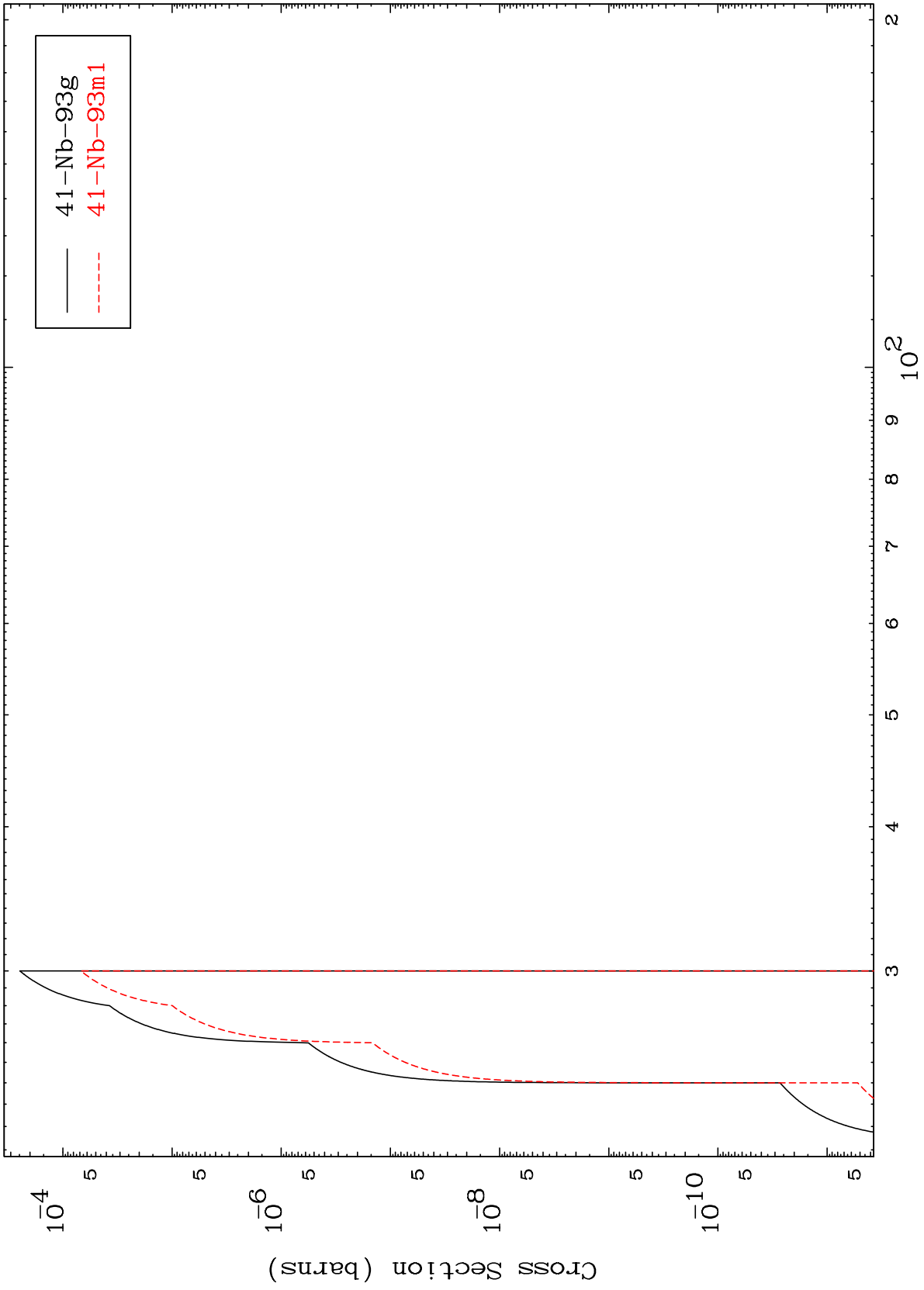
40-Zr-93

MAT 4034

(n,n') t

40-Zr-93

Radionuclide Production Cross Section



15

Incident Energy (MeV)

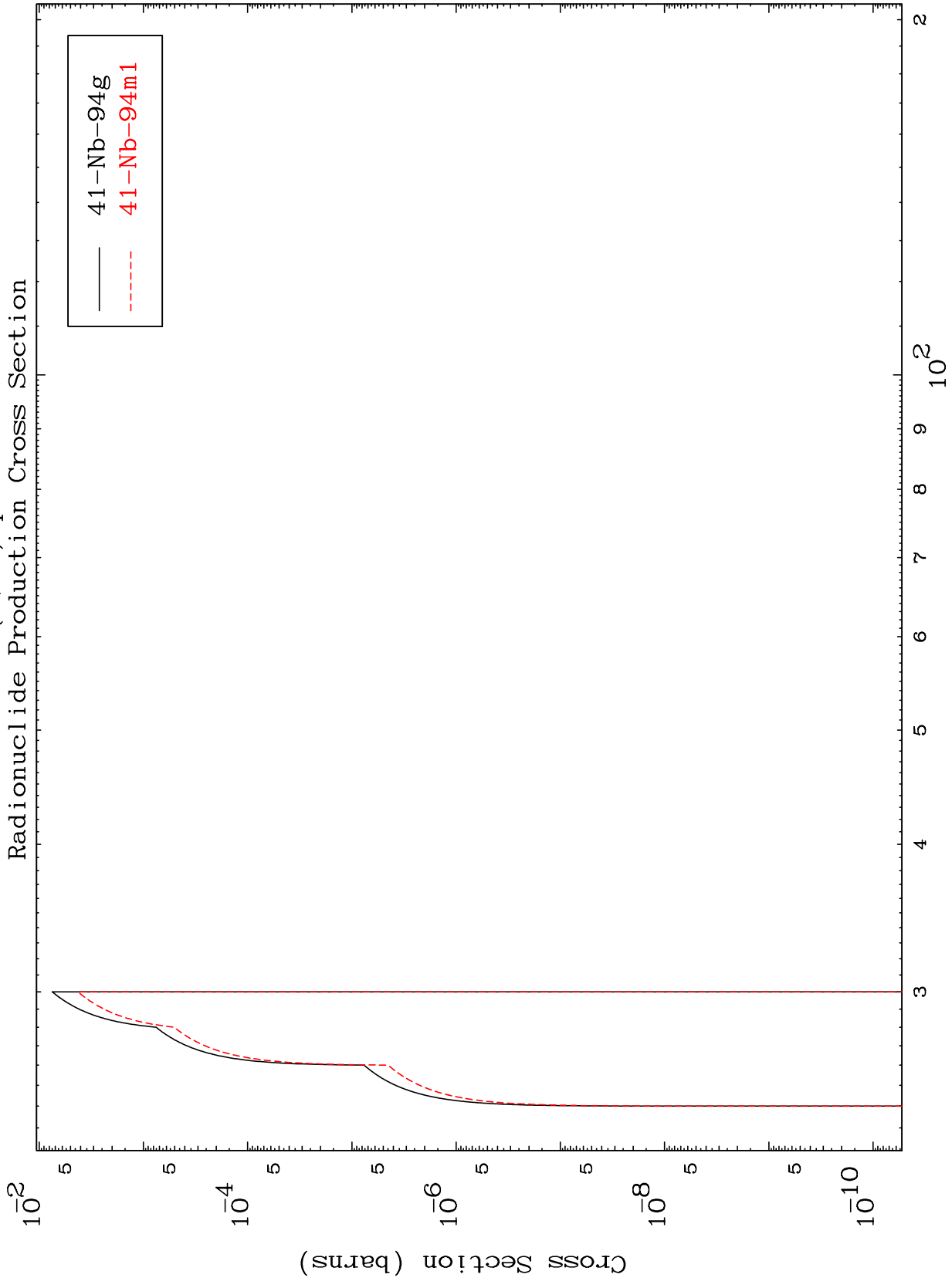
40-Zr-93

MAT 4034

(n,2n) p

40-Zr-93

Radionuclide Production Cross Section



40-Zr-93

Incident Energy (MeV)

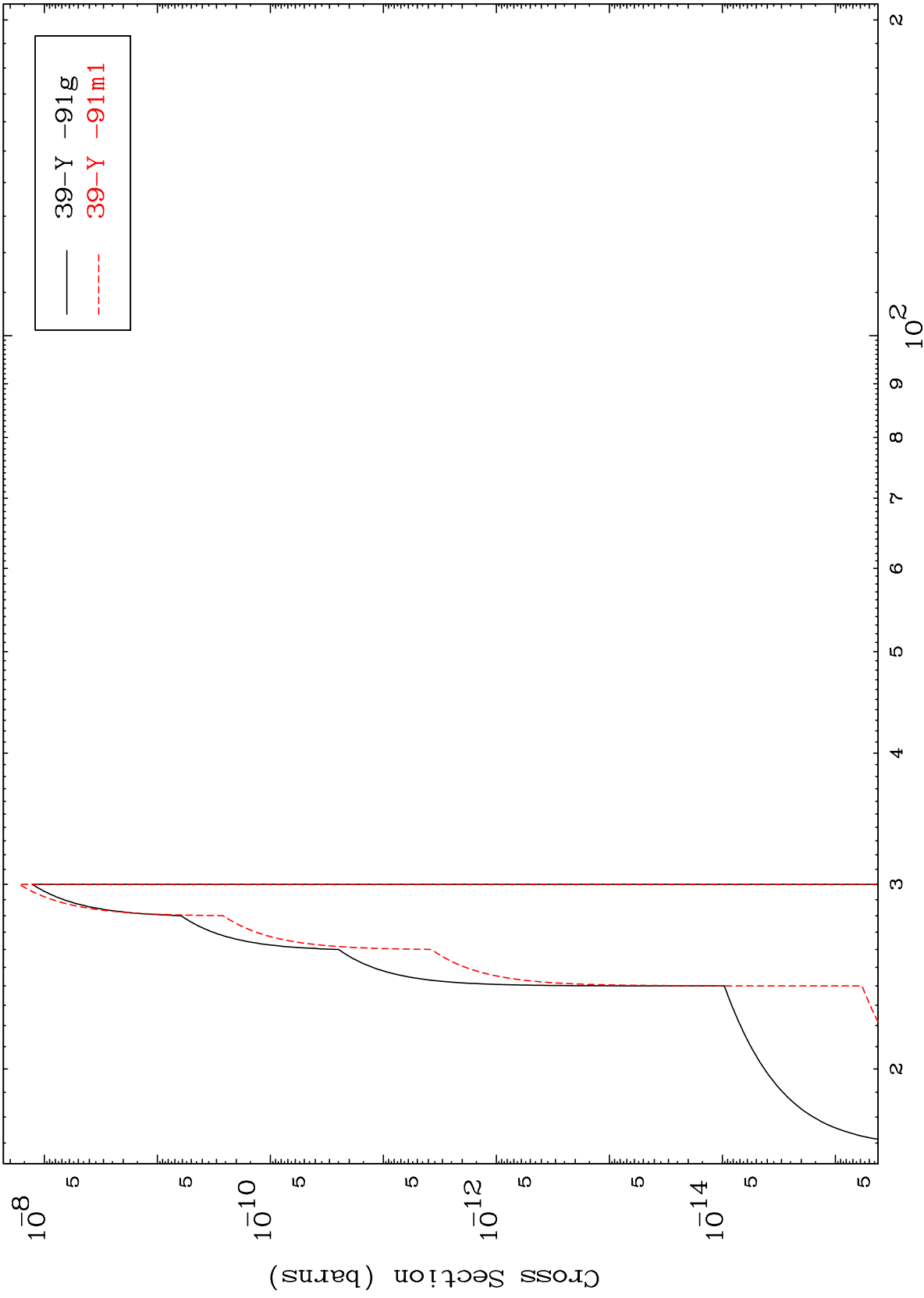
16

MAT 4034

(n,n') p α

40-Zr-93

Radionuclide Production Cross Section



17

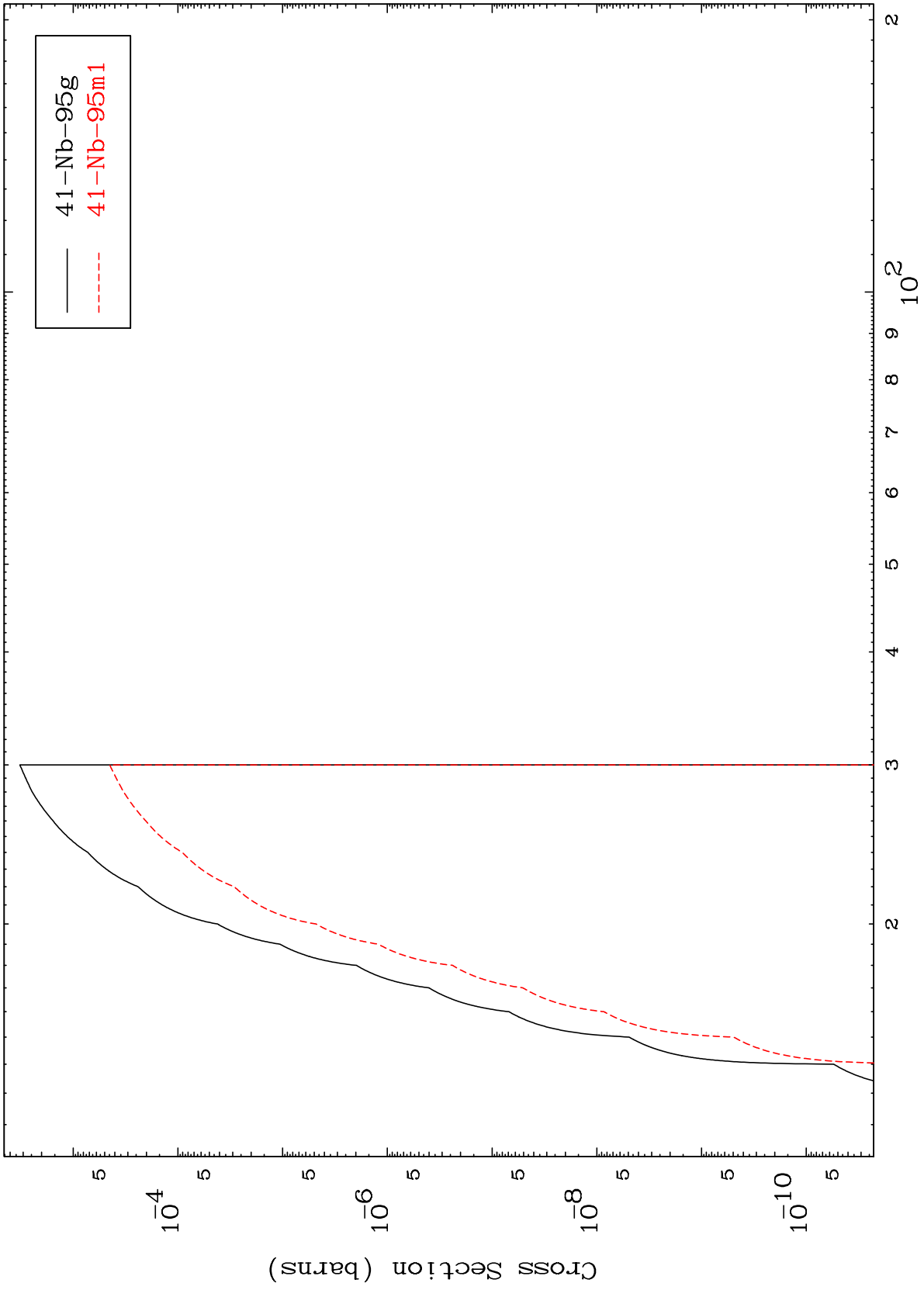
Incident Energy (MeV)

40-Zr-93

MAT 4034

(n,d)
Radionuclide Production Cross Section

40-Zr-93



41-Nb-95g
41-Nb-95m1

18

Incident Energy (MeV)

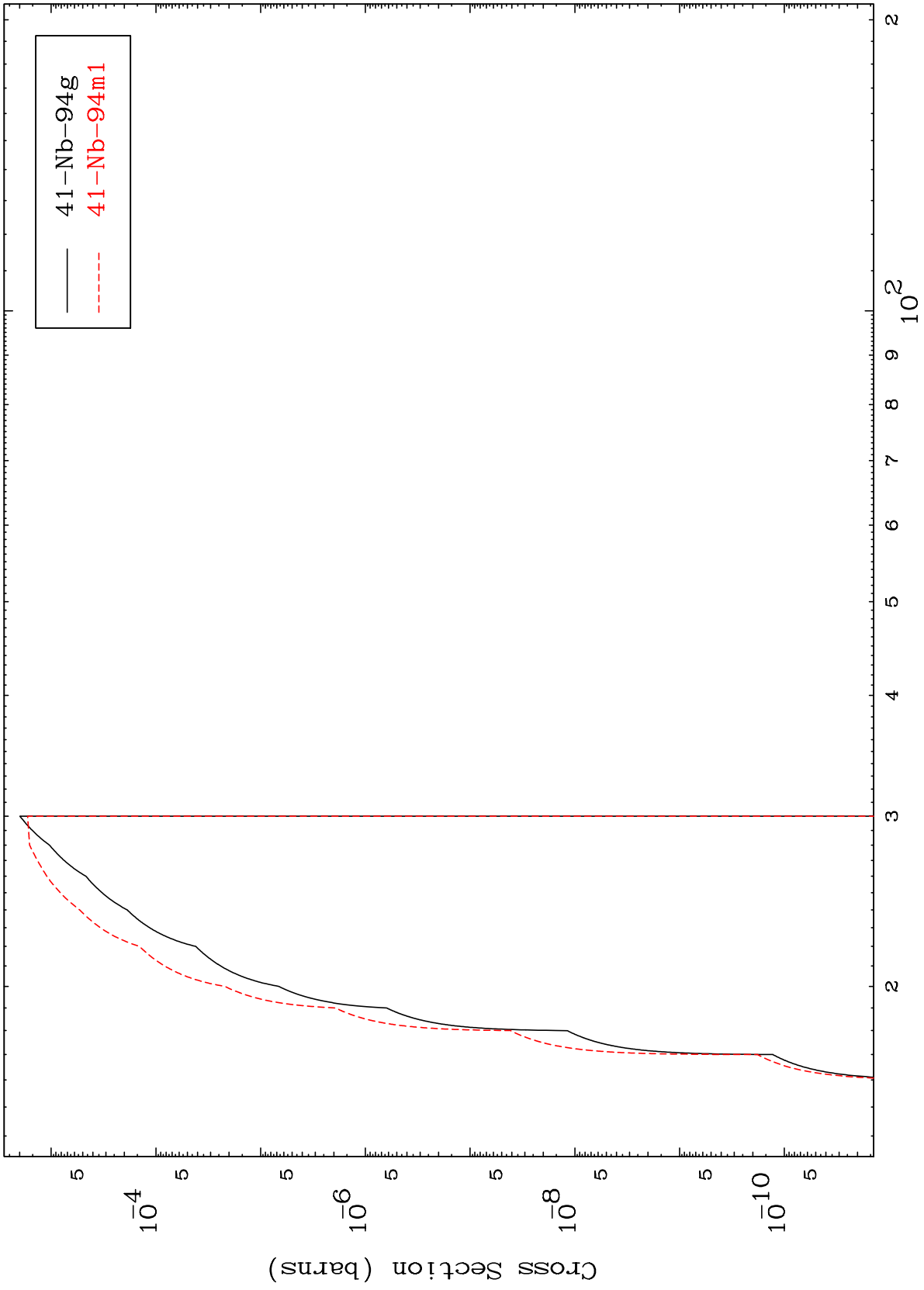
40-Zr-93

MAT 4034

(n, t)

40-Zr-93

Radionuclide Production Cross Section



19

Incident Energy (MeV)

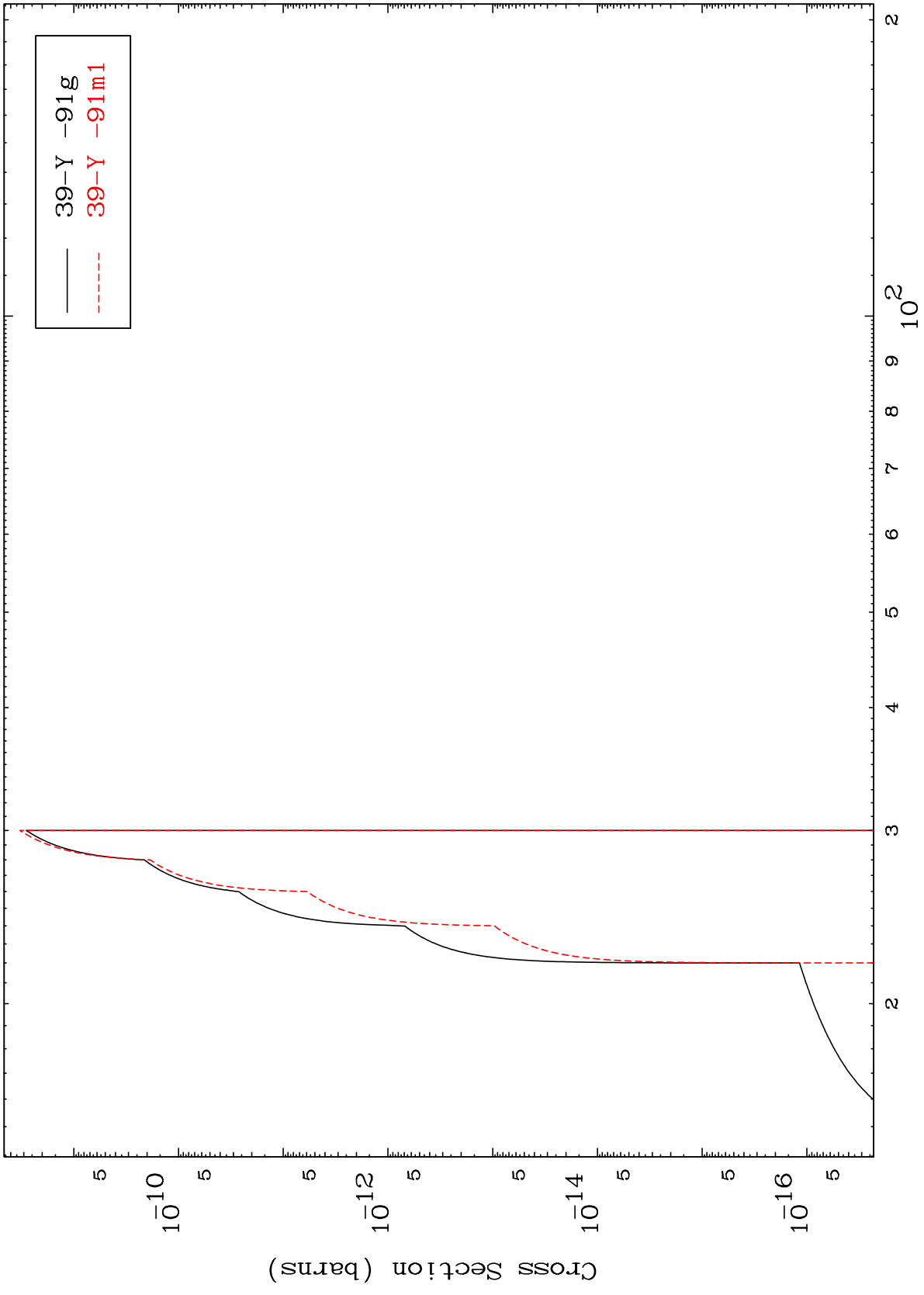
40-Zr-93

MAT 4034

(n,d) α

40-Zr-93

Radionuclide Production Cross Section



20

Incident Energy (MeV)

40-Zr-93