

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

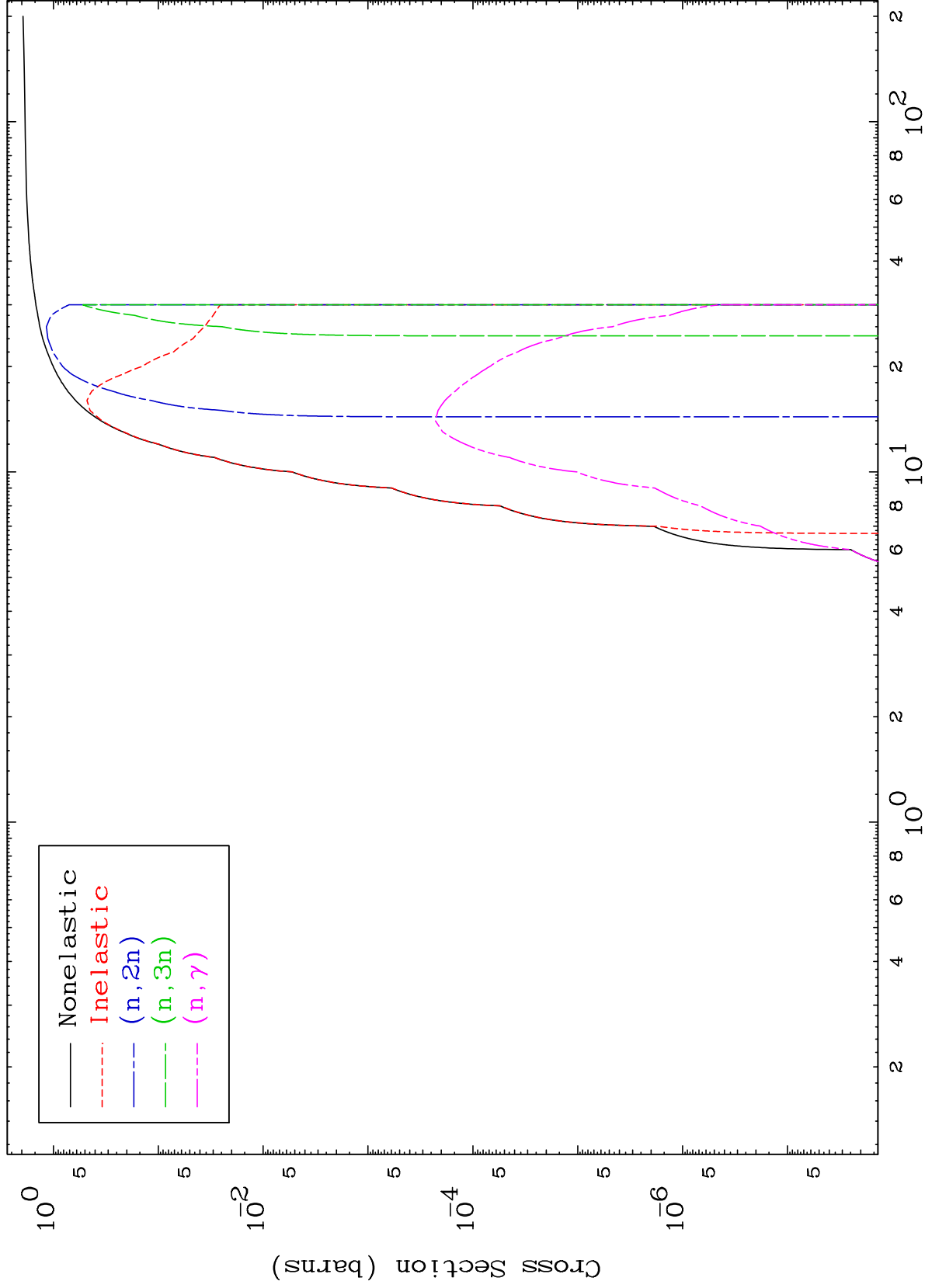
Press Mouse Button to Start

MAT 4031

α Major

40-Zr-92

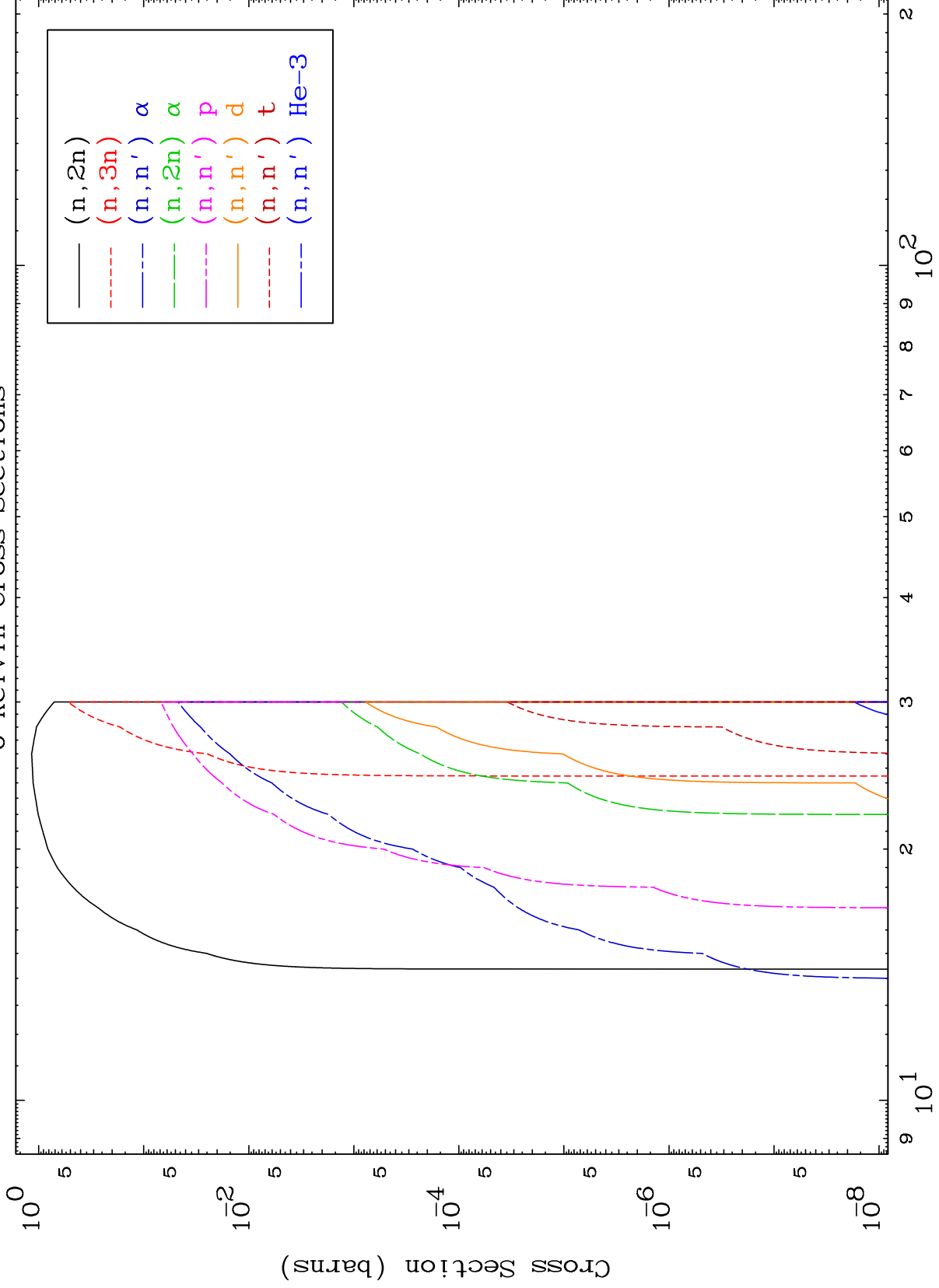
0 Kelvin Cross Sections



MAT 4031

α Neutron Absorption
0 Kelvin Cross Sections

40-Zr-92



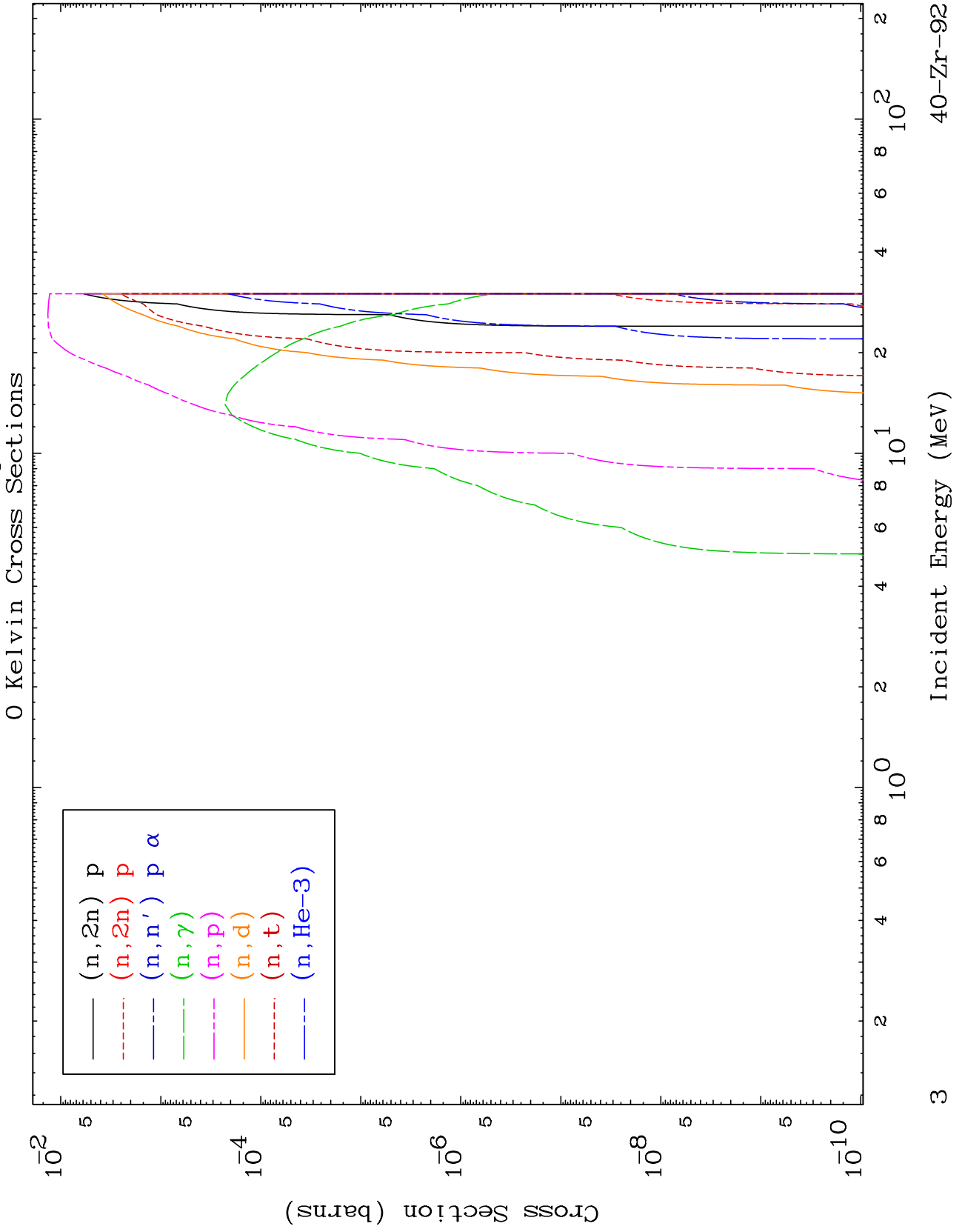
Incident Energy (MeV)

40-Zr-92

MAT 4031

α Neutron Absorption

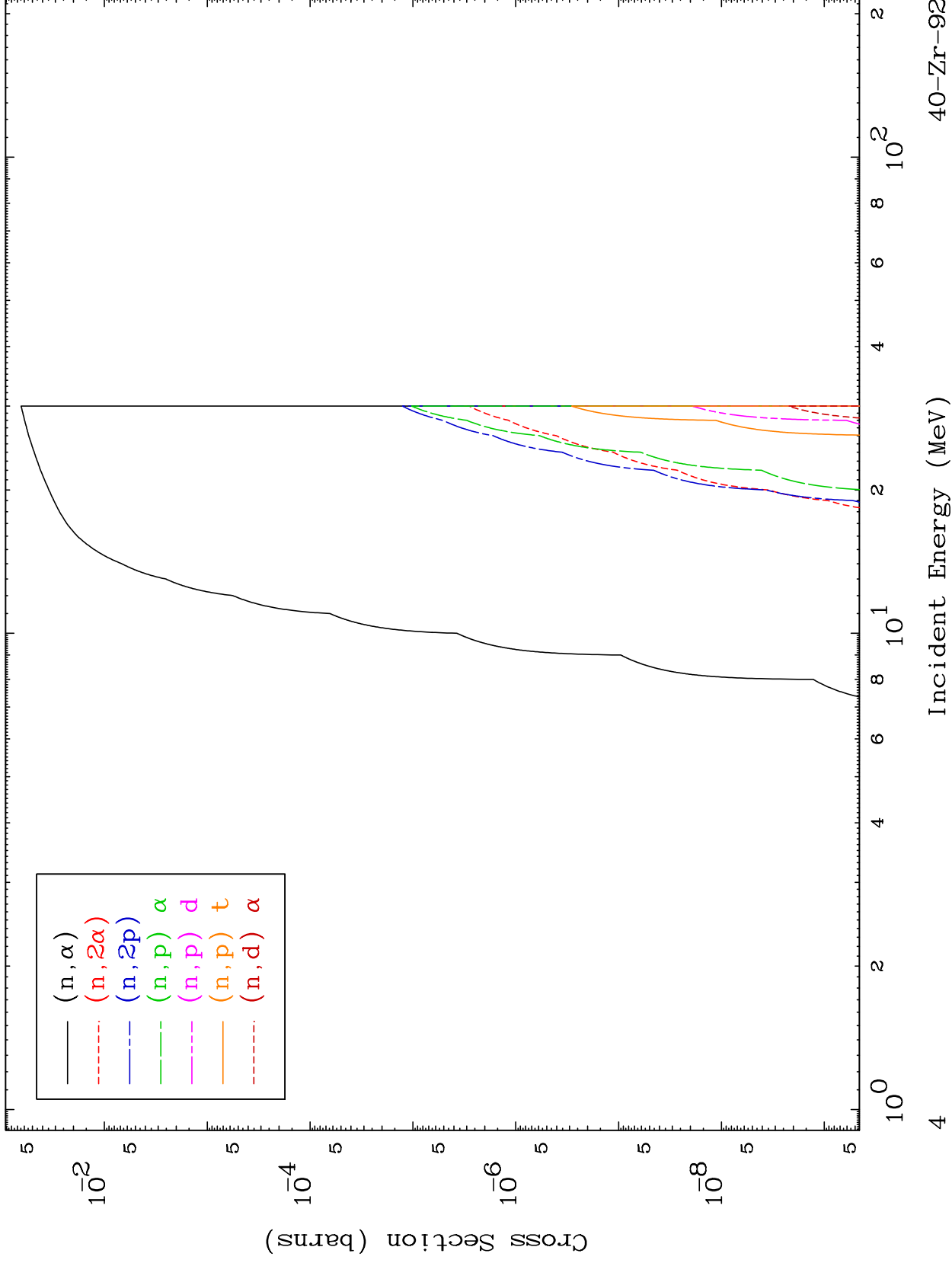
40-Zr-92



MAT 4031

α Neutron Absorption
0 Kelvin Cross Sections

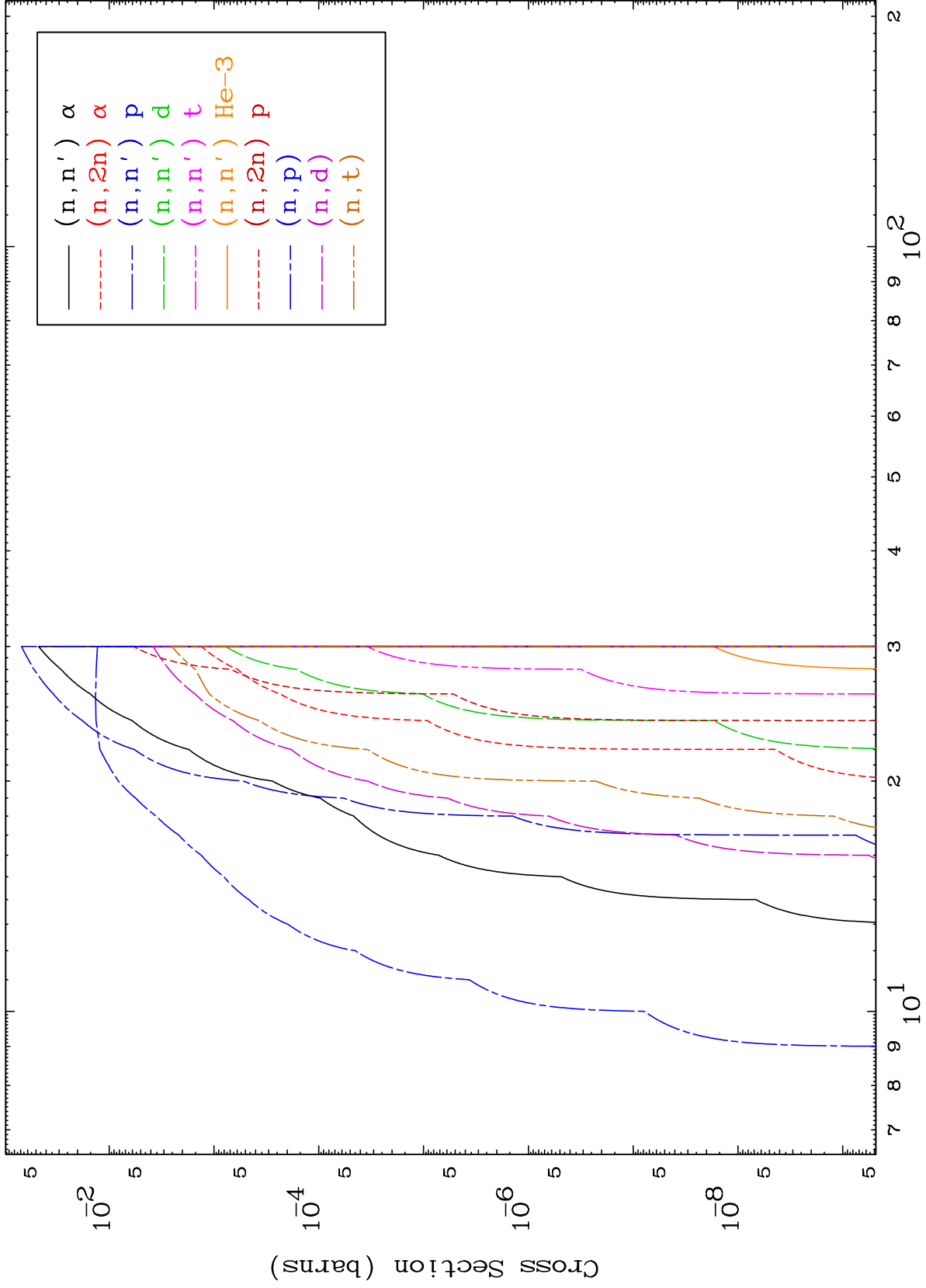
40-Zr-92



MAT 4031

α Charged Particle
0 Kelvin Cross Sections

40-Zr-92



5

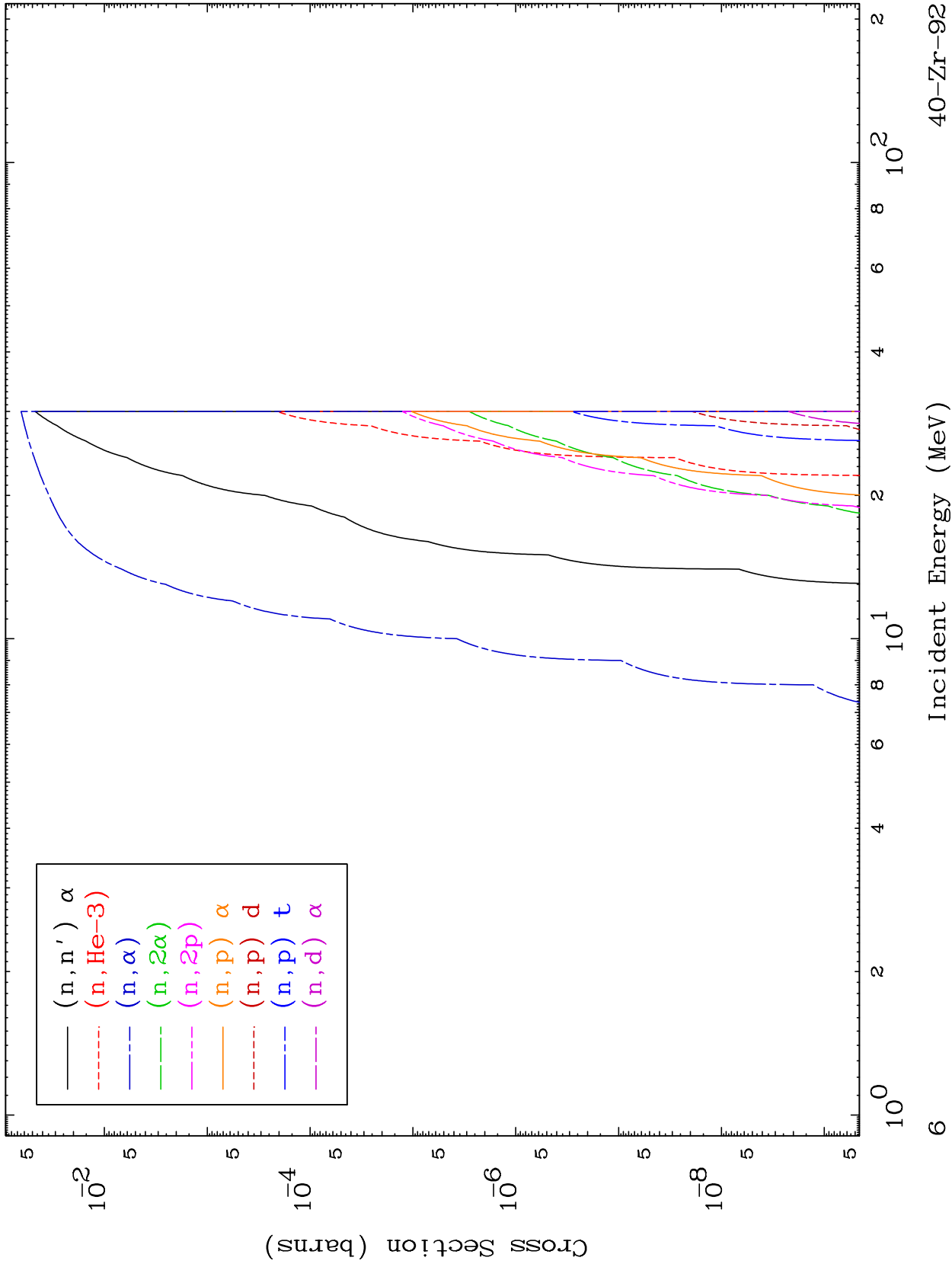
Incident Energy (MeV)

40-Zr-92

MAT 4031

α Charged Particle
0 Kelvin Cross Sections

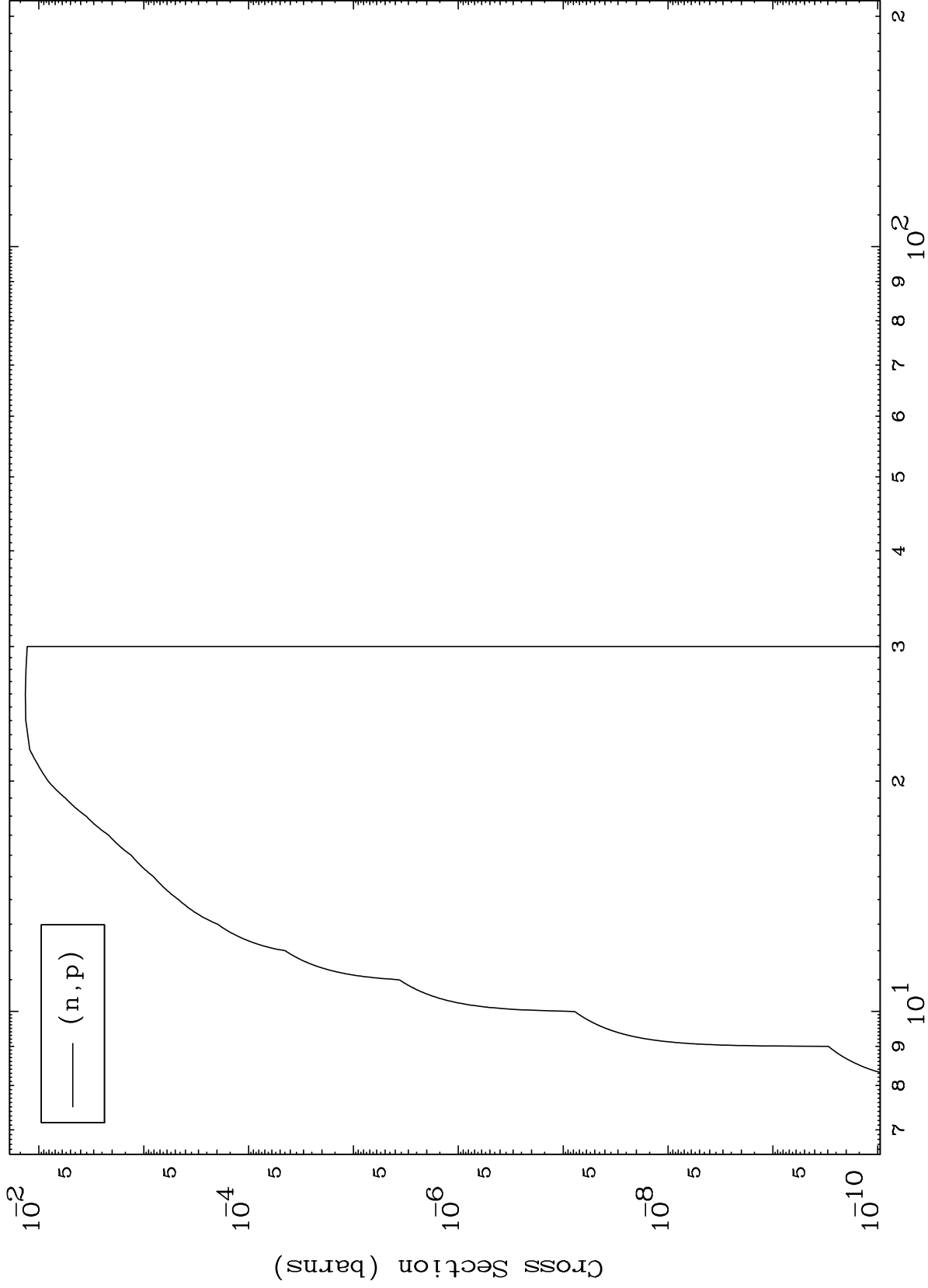
40-Zr-92



MAT 4031

(α, p) Levels
0 Kelvin Cross Sections

40-Zr-92



7

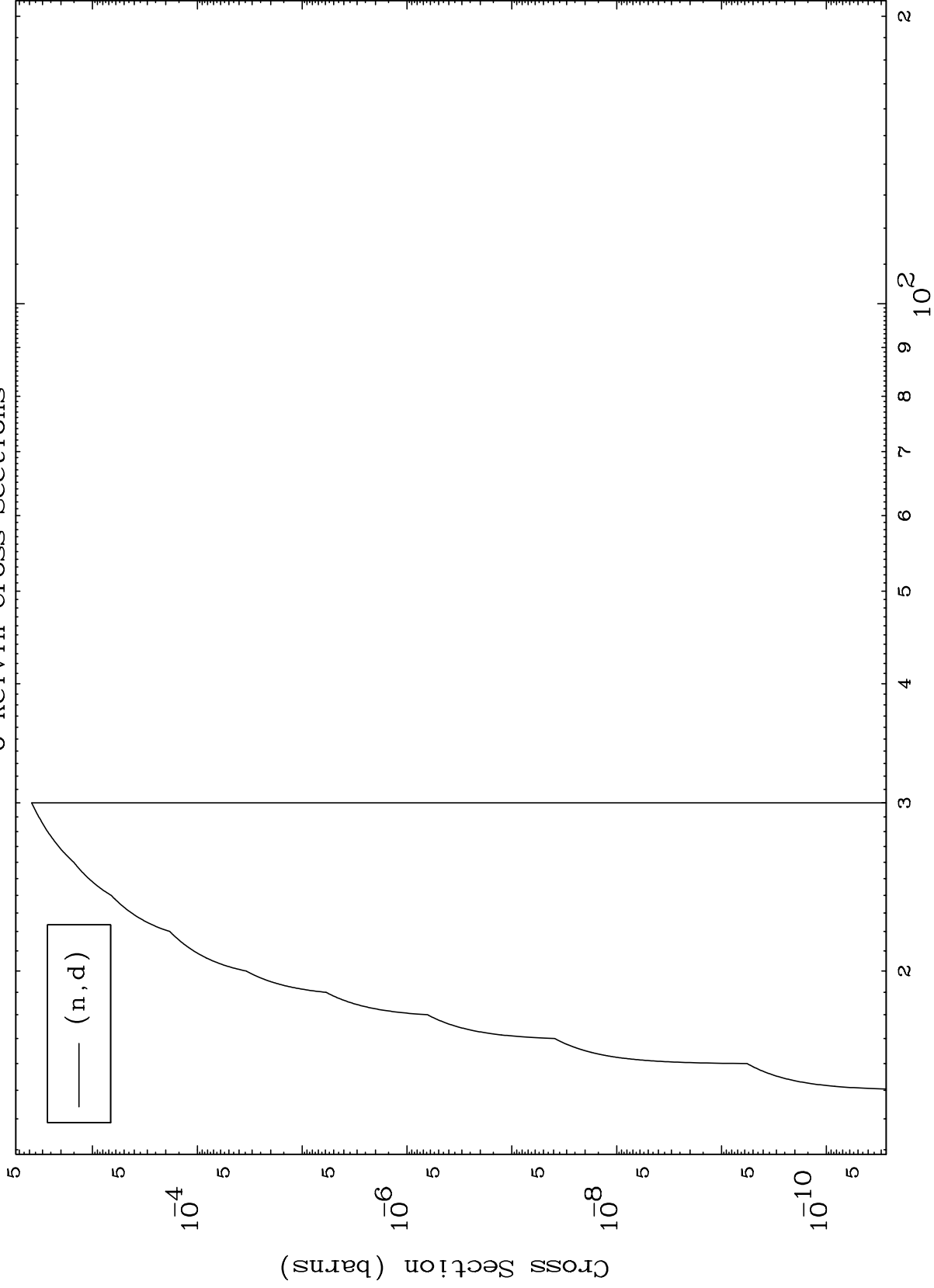
Incident Energy (MeV)

40-Zr-92

MAT 4031

(α, d) Levels
0 Kelvin Cross Sections

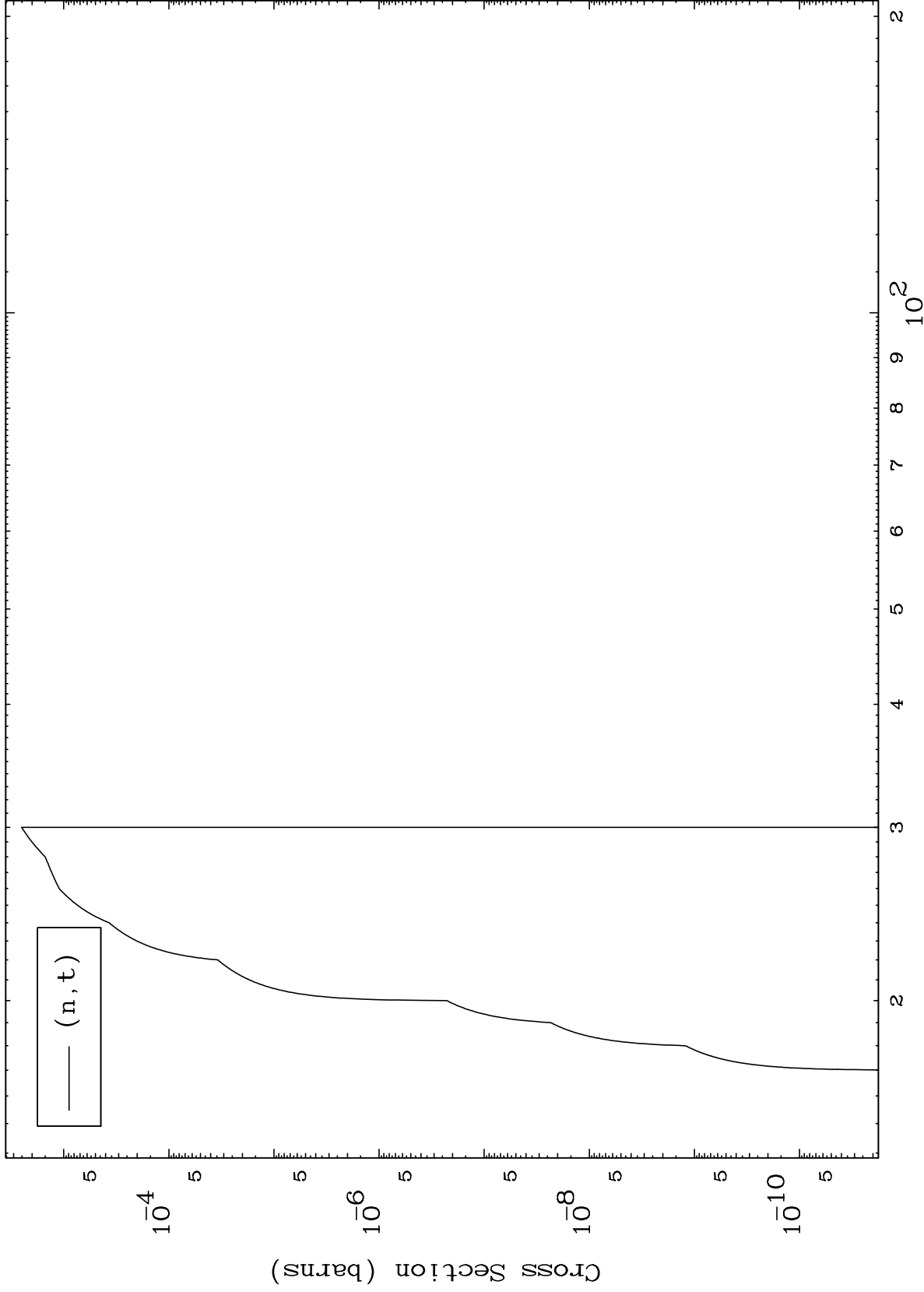
40-Zr-92



8

Incident Energy (MeV)

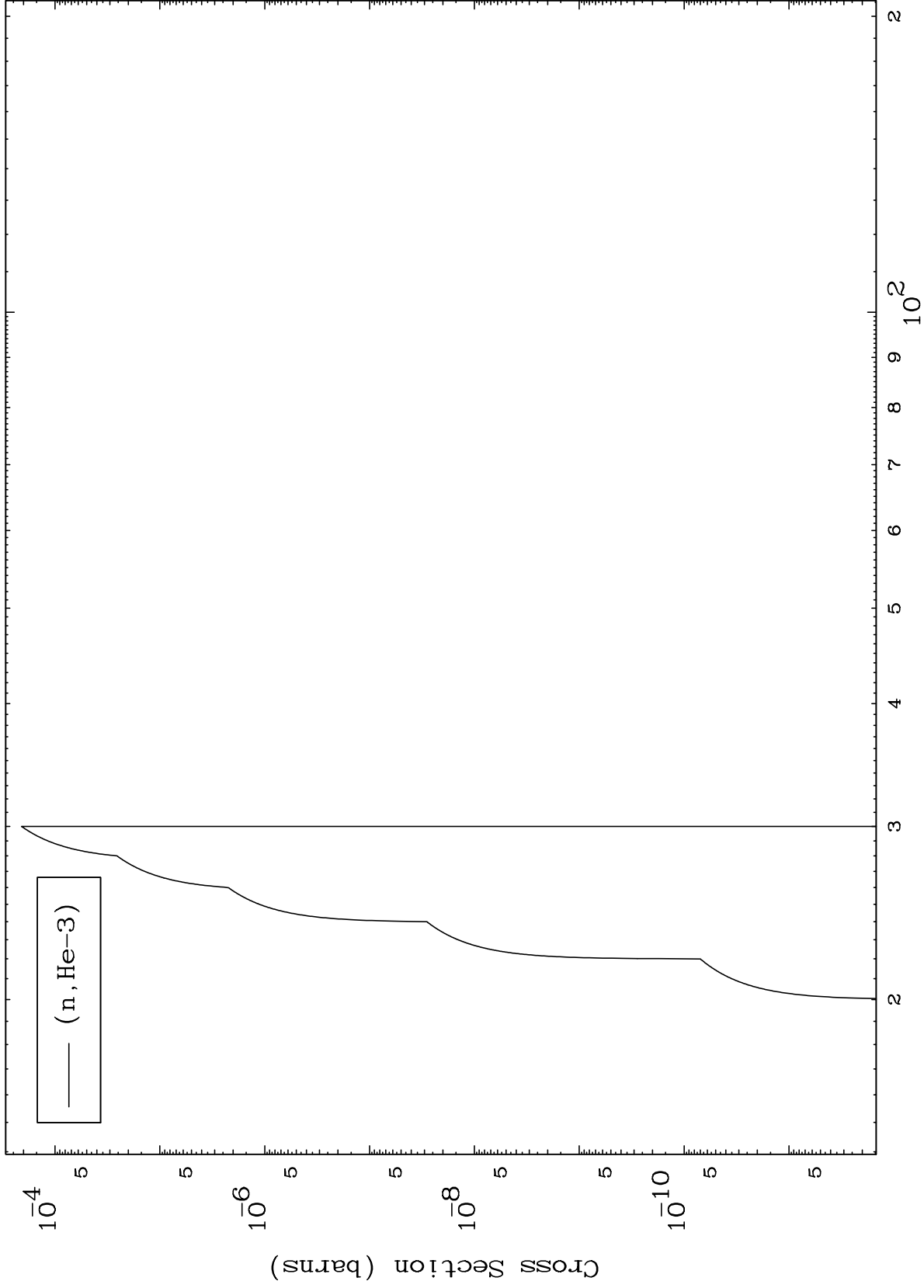
40-Zr-92



MAT 4031

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

40-Zr-92



10

Incident Energy (MeV)

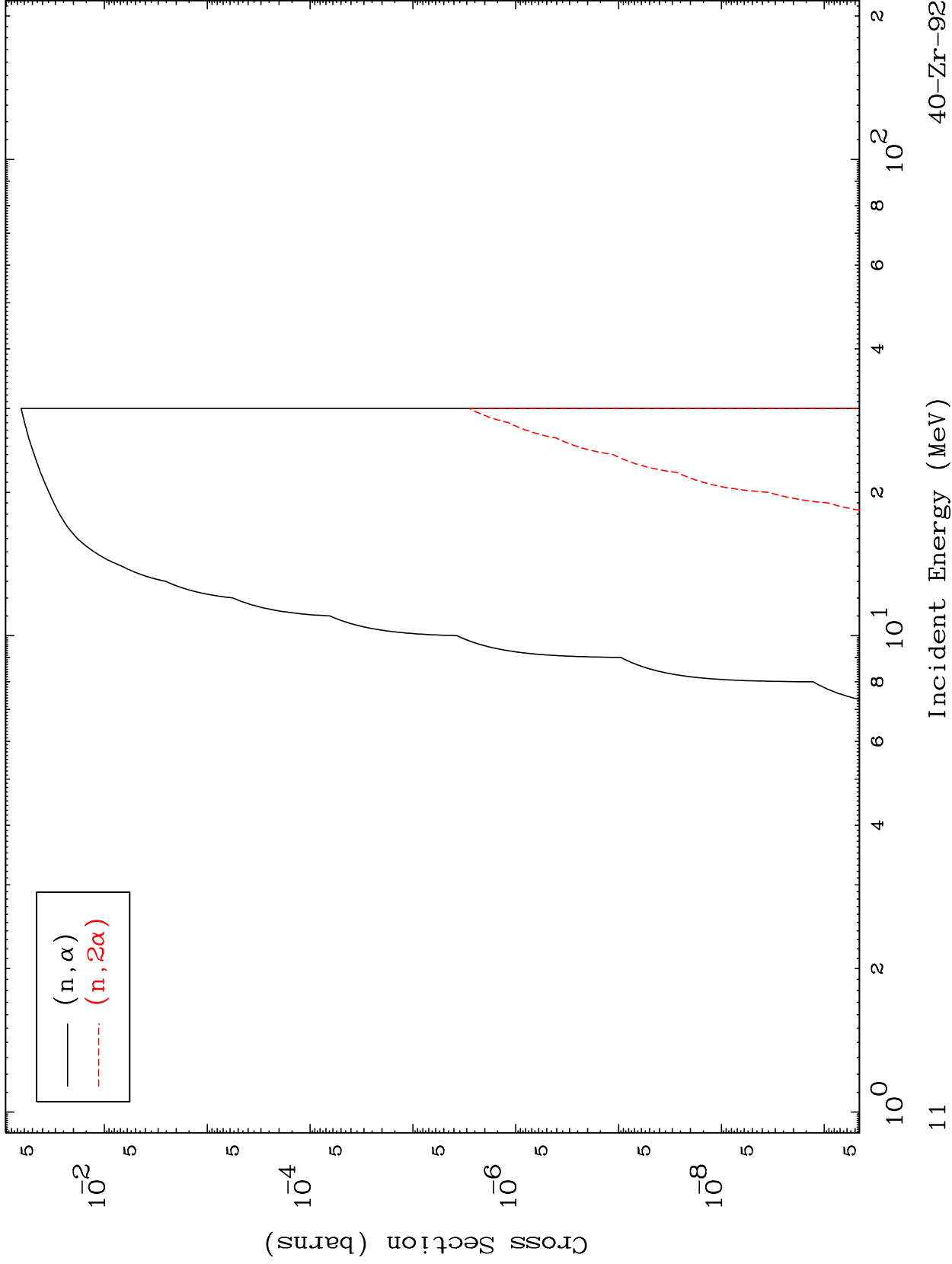
40-Zr-92

MAT 4031

(α, α) Levels

40-Zr-92

0 Kelvin Cross Sections



11

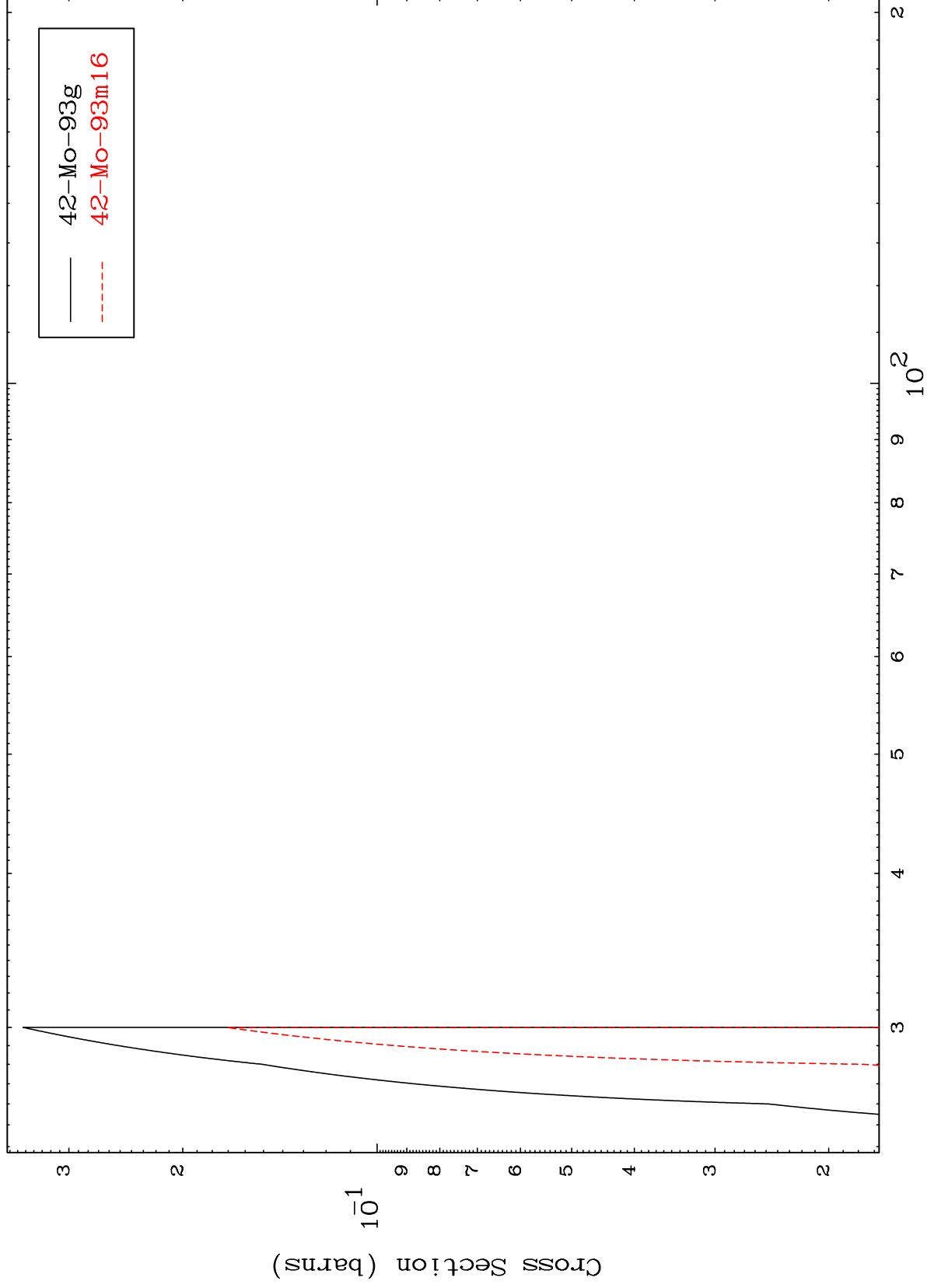
Incident Energy (MeV)

40-Zr-92

MAT 4031

40-Zr-92

(n,3n)
Radionuclide Production Cross Section



42-Mo-93g

42-Mo-93m16

12

40-Zr-92

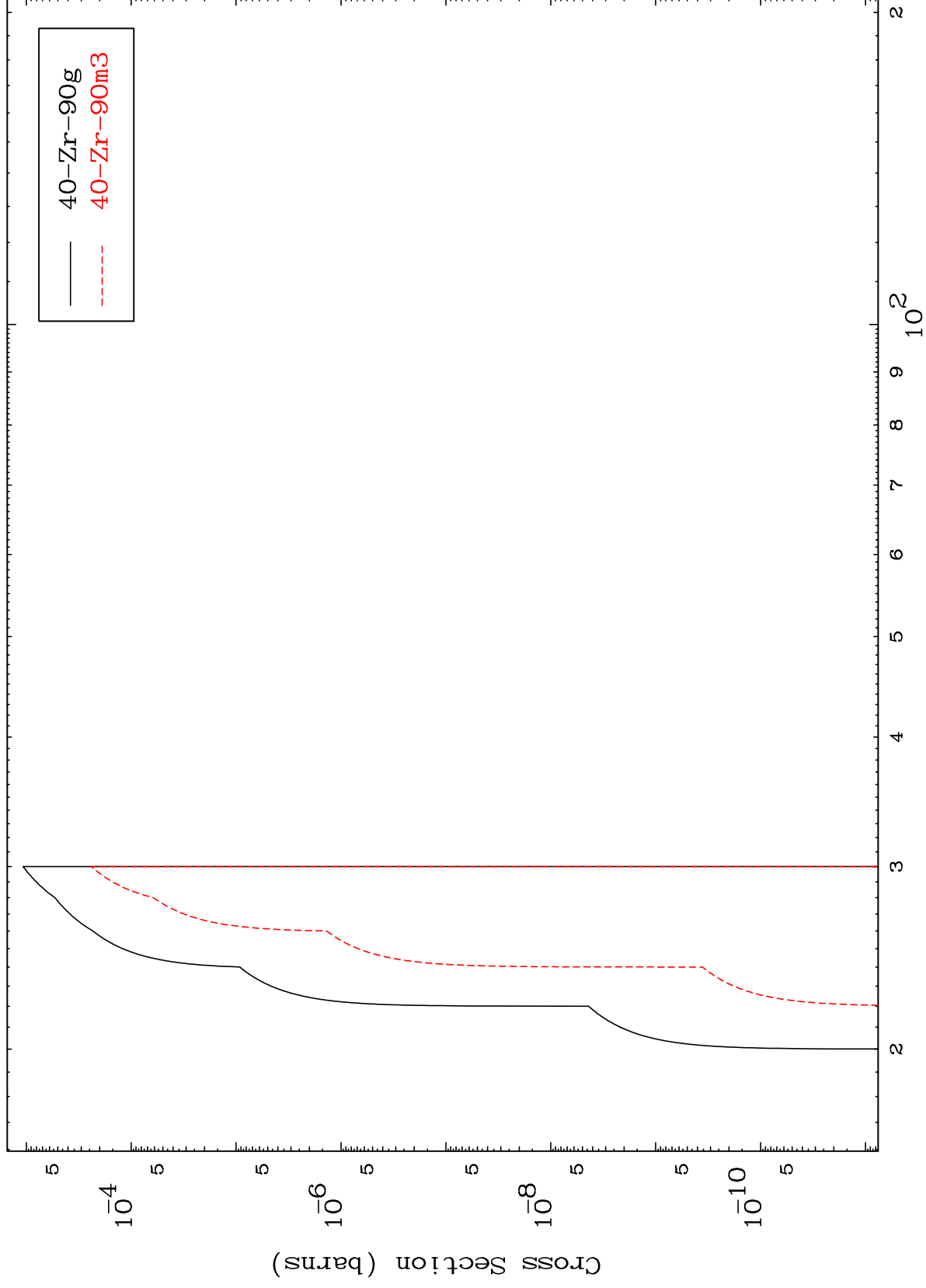
Incident Energy (MeV)

MAT 4031

40-Zr-92

(n,2n) α

Radionuclide Production Cross Section



13

Incident Energy (MeV)

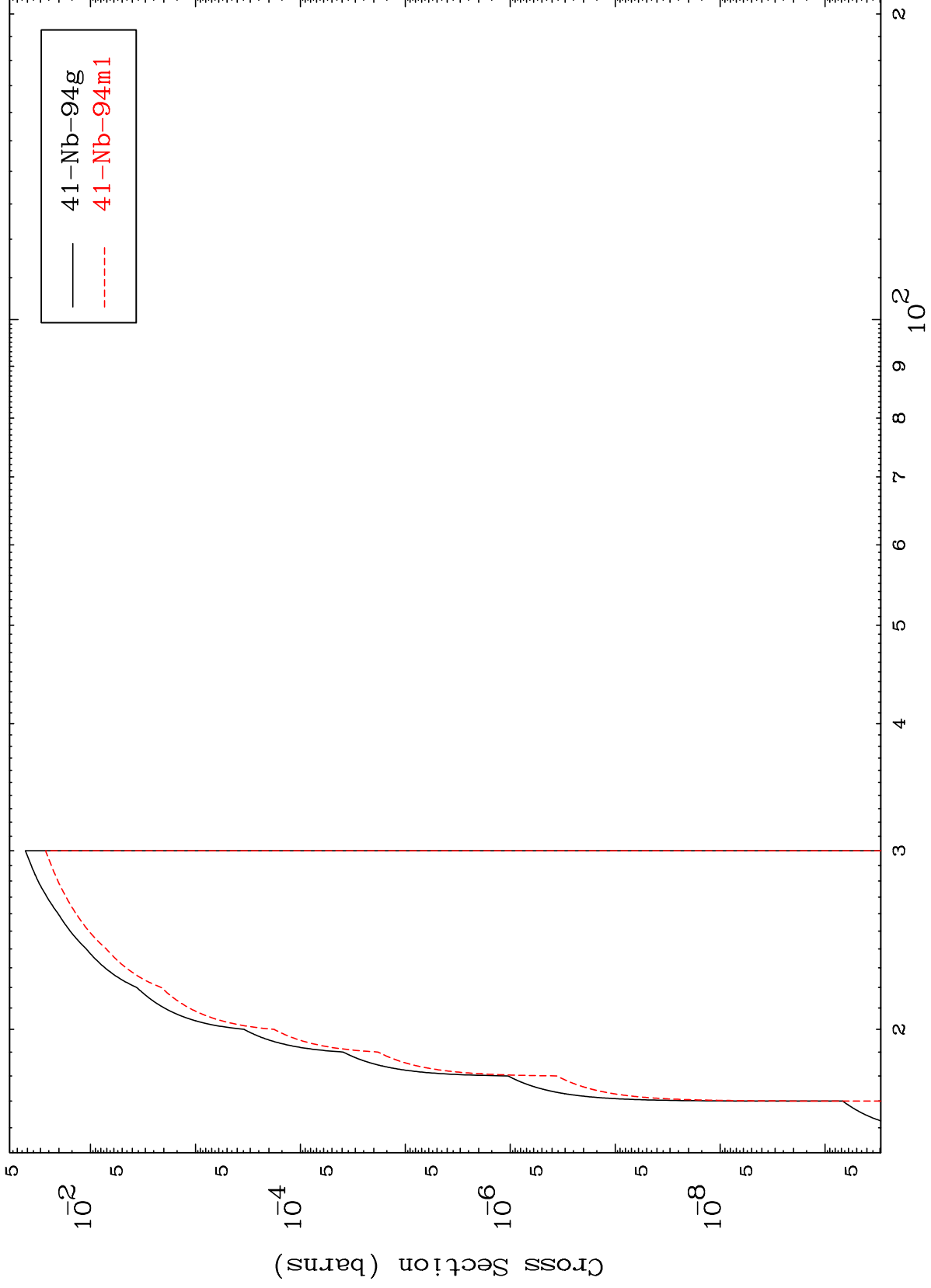
40-Zr-92

MAT 4031

(n,n') p

40-Zr-92

Radionuclide Production Cross Section



14

Incident Energy (MeV)

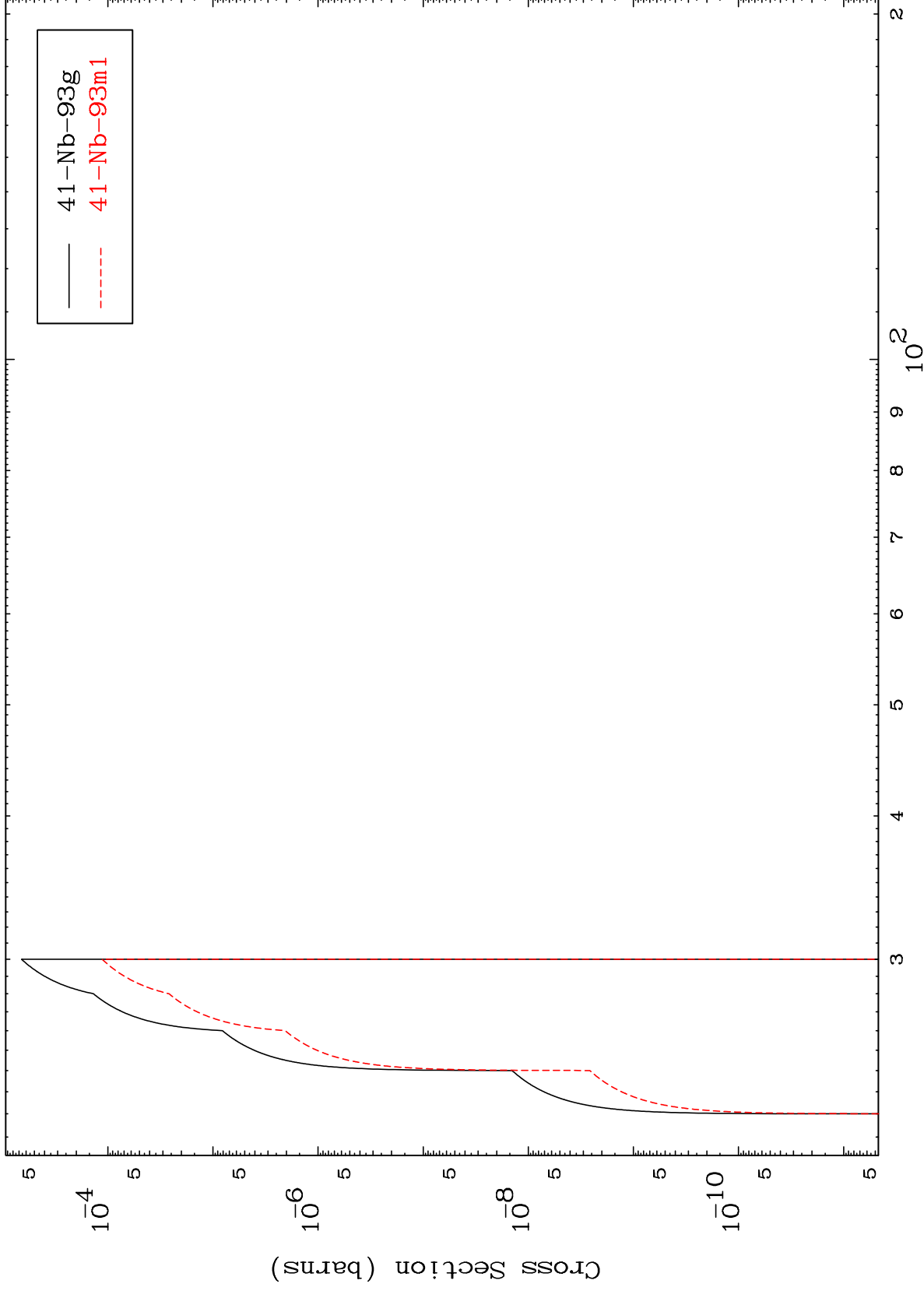
40-Zr-92

MAT 4031

(n,n') d

40-Zr-92

Radionuclide Production Cross Section



15

Incident Energy (MeV)

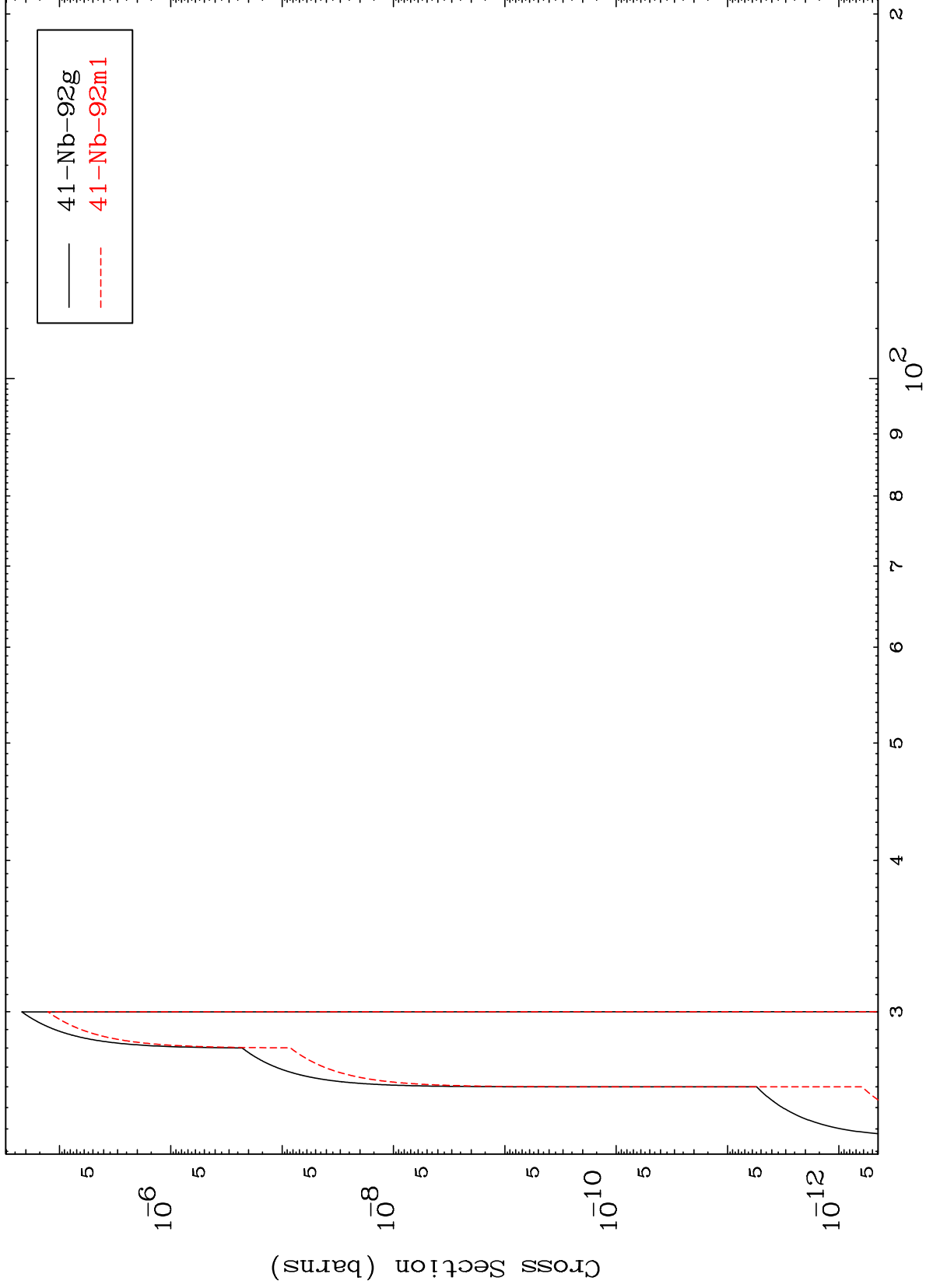
40-Zr-92

MAT 4031

(n,n') t

40-Zr-92

Radionuclide Production Cross Section



16

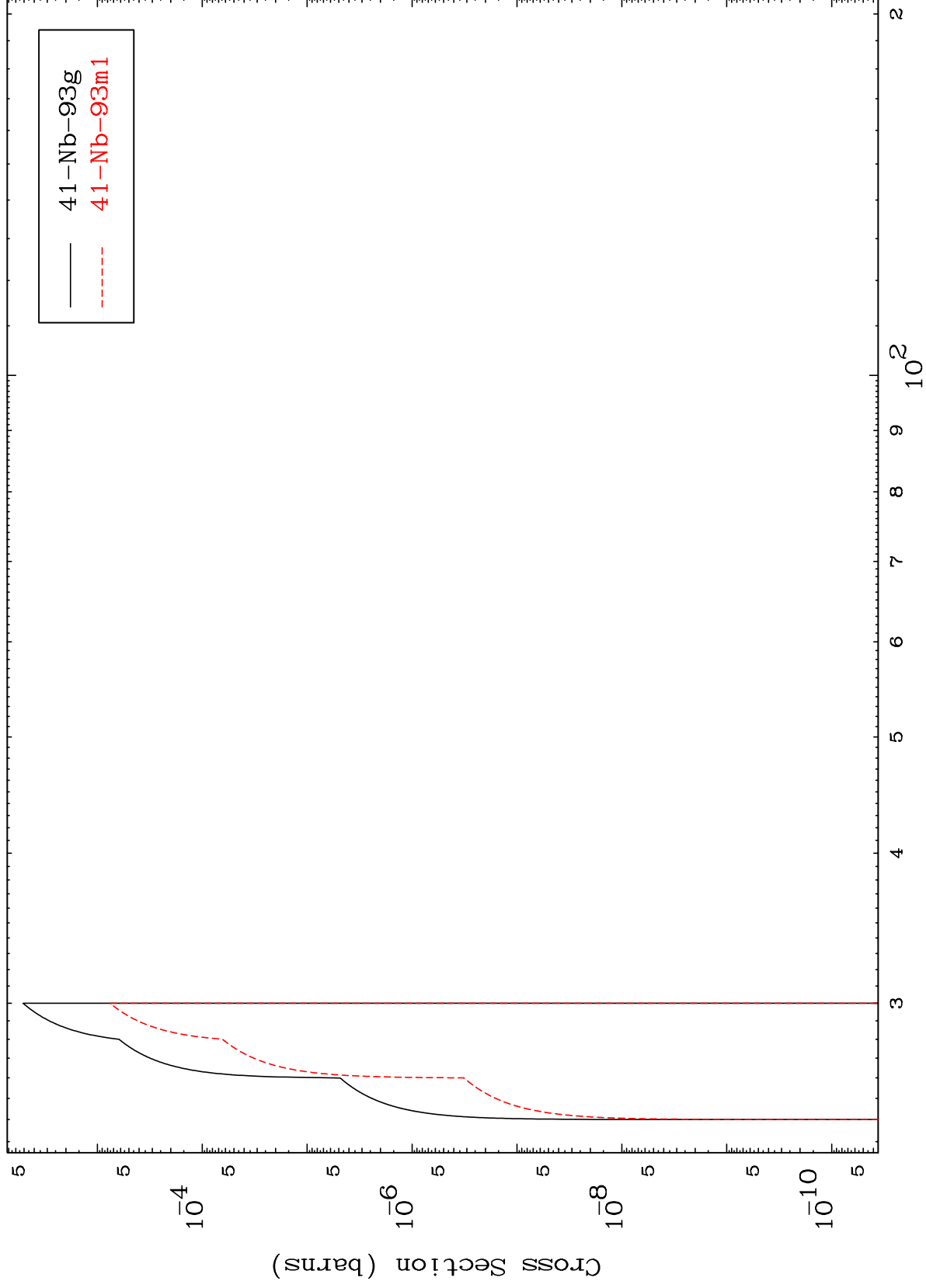
Incident Energy (MeV)

40-Zr-92

MAT 4031

40-Zr-92

(n,2n) p
Radionuclide Production Cross Section



40-Zr-92

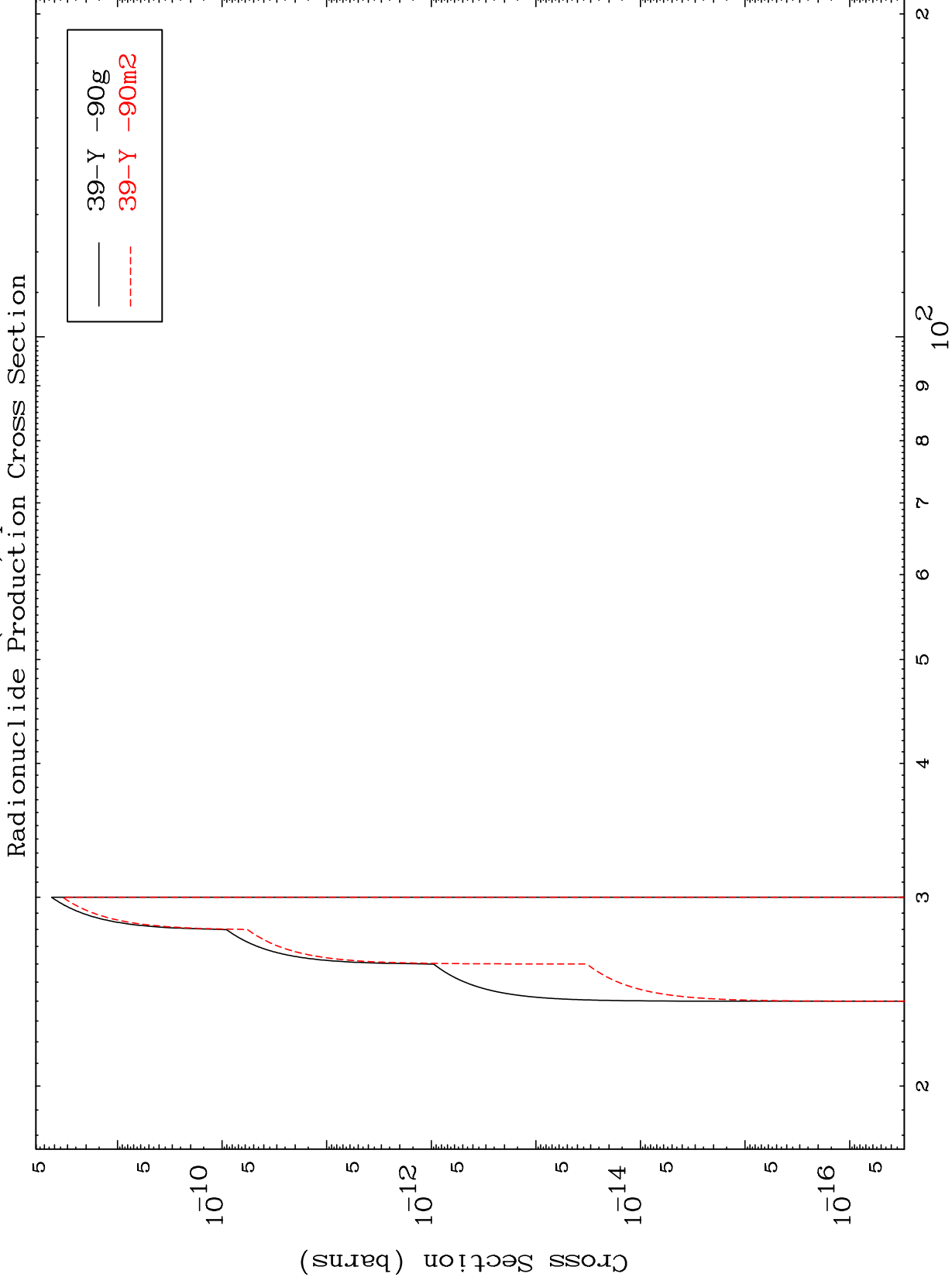
Incident Energy (MeV)

17

MAT 4031

(n,n') p α

40-Zr-92



18

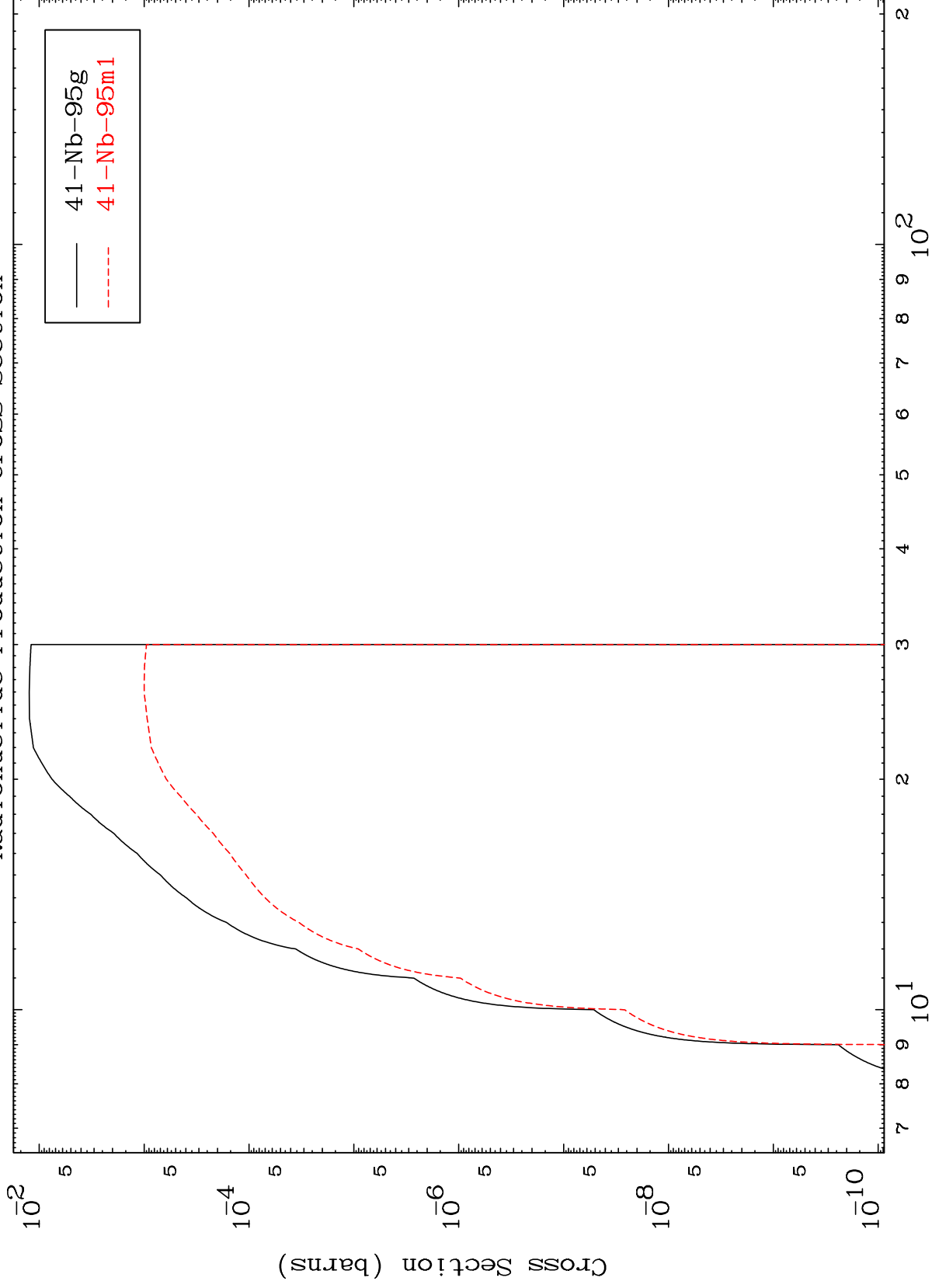
Incident Energy (MeV)

40-Zr-92

MAT 4031

40-Zr-92

(n,p)
Radionuclide Production Cross Section



19

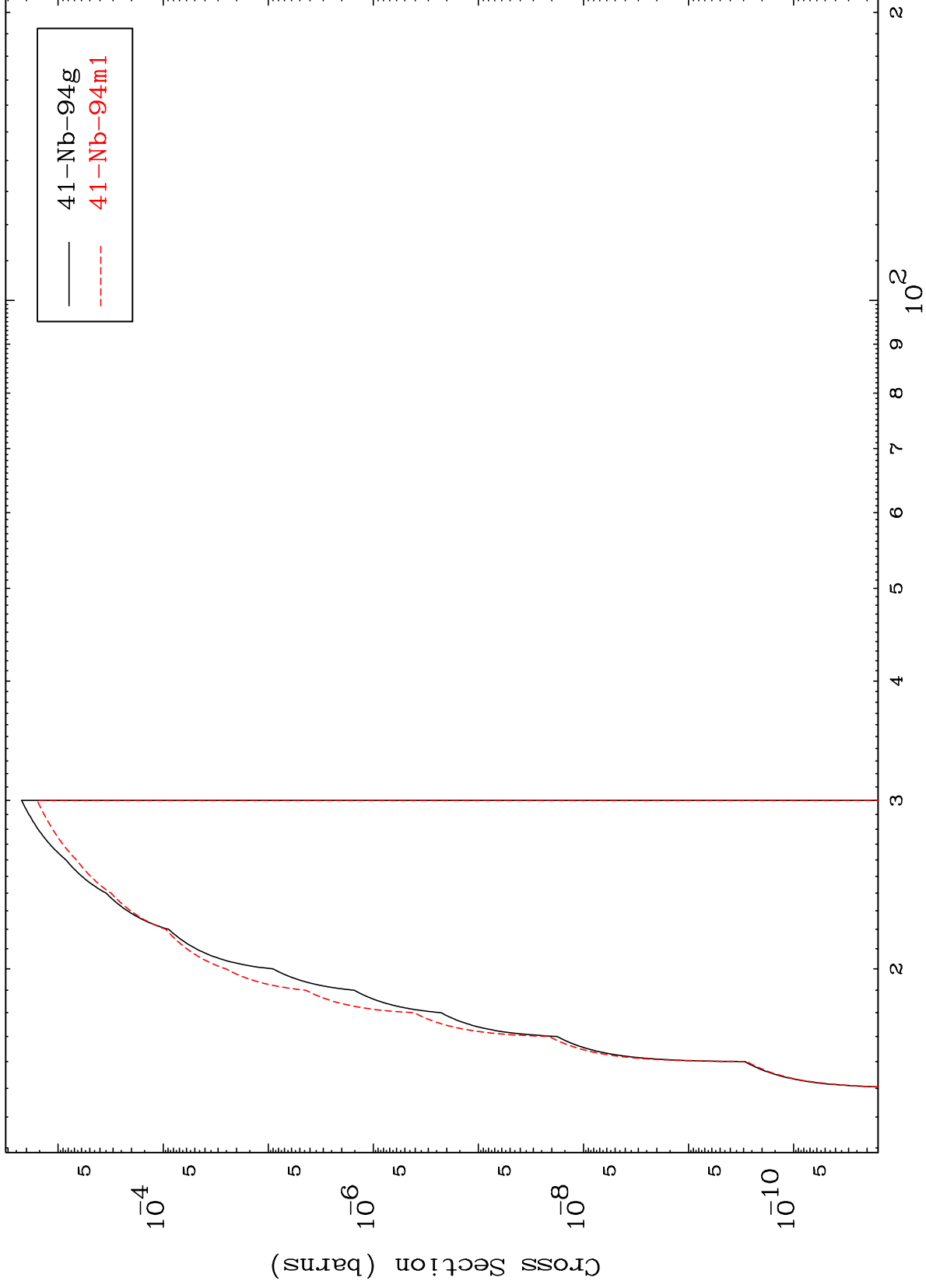
Incident Energy (MeV)

40-Zr-92

MAT 4031

40-Zr-92

(n,d)
Radionuclide Production Cross Section

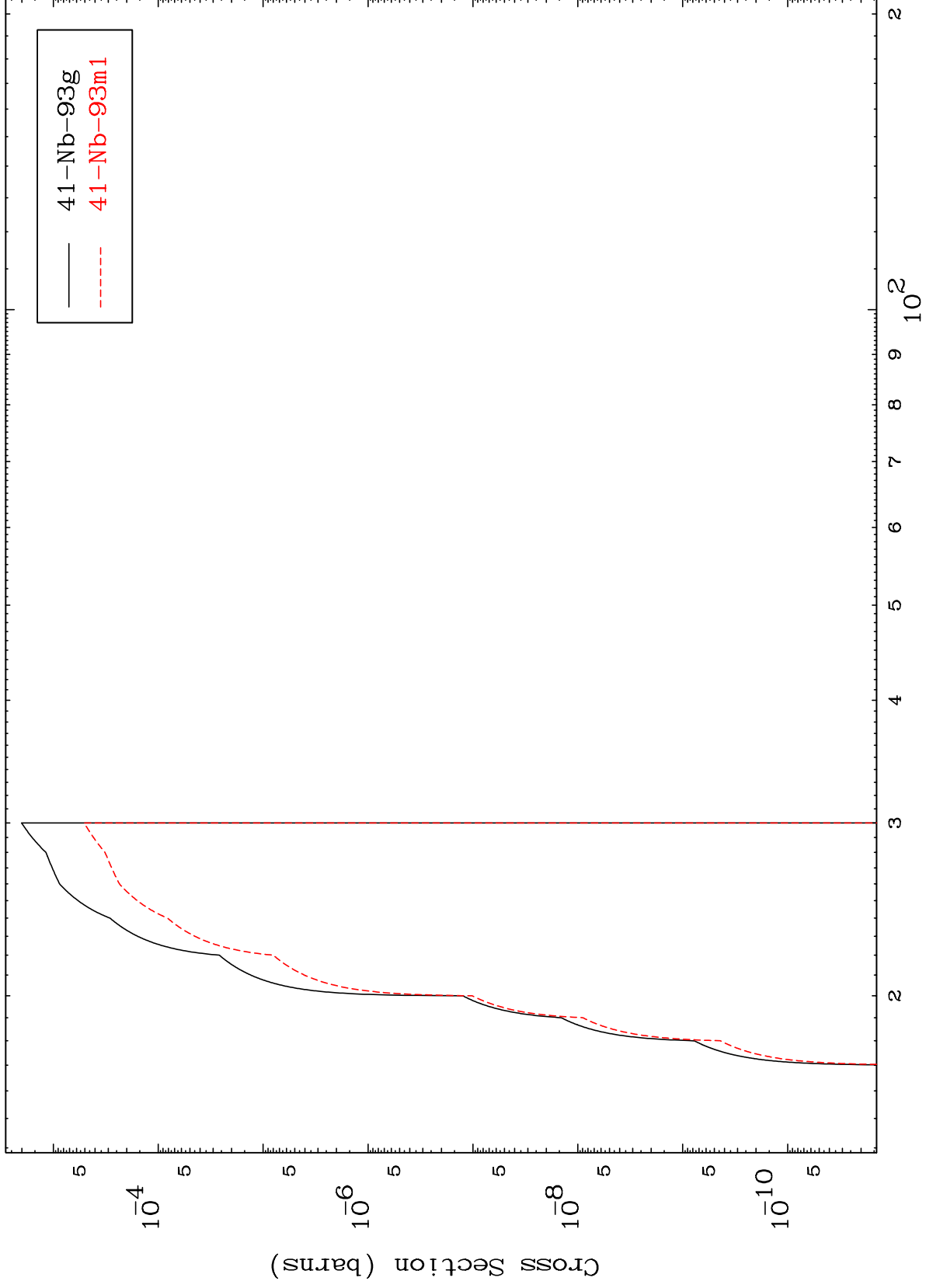


20

Incident Energy (MeV)

40-Zr-92

(n, t)
Radionuclide Production Cross Section

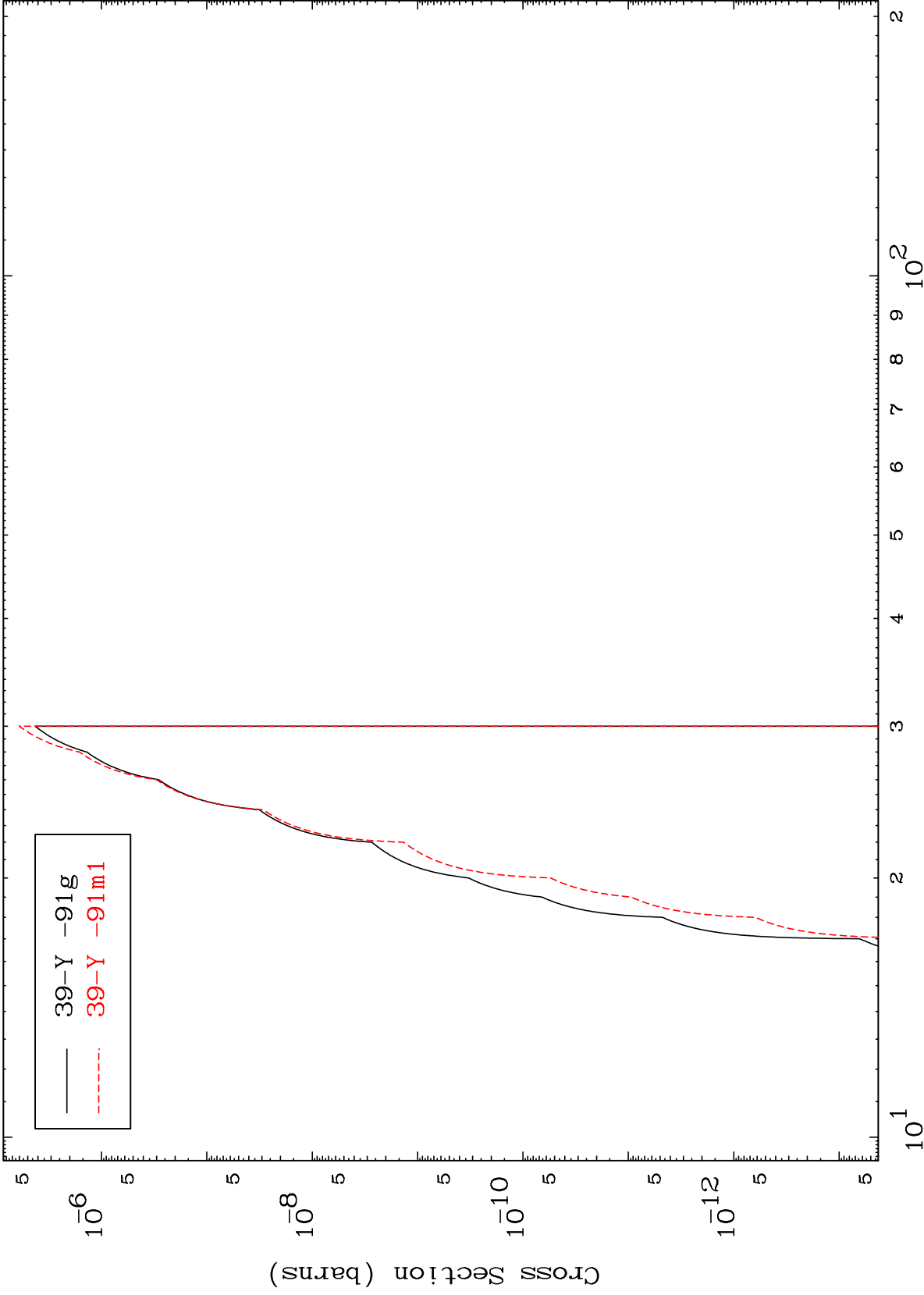


MAT 4031

(n,p) α

40-Zr-92

Radionuclide Production Cross Section



22

Incident Energy (MeV)

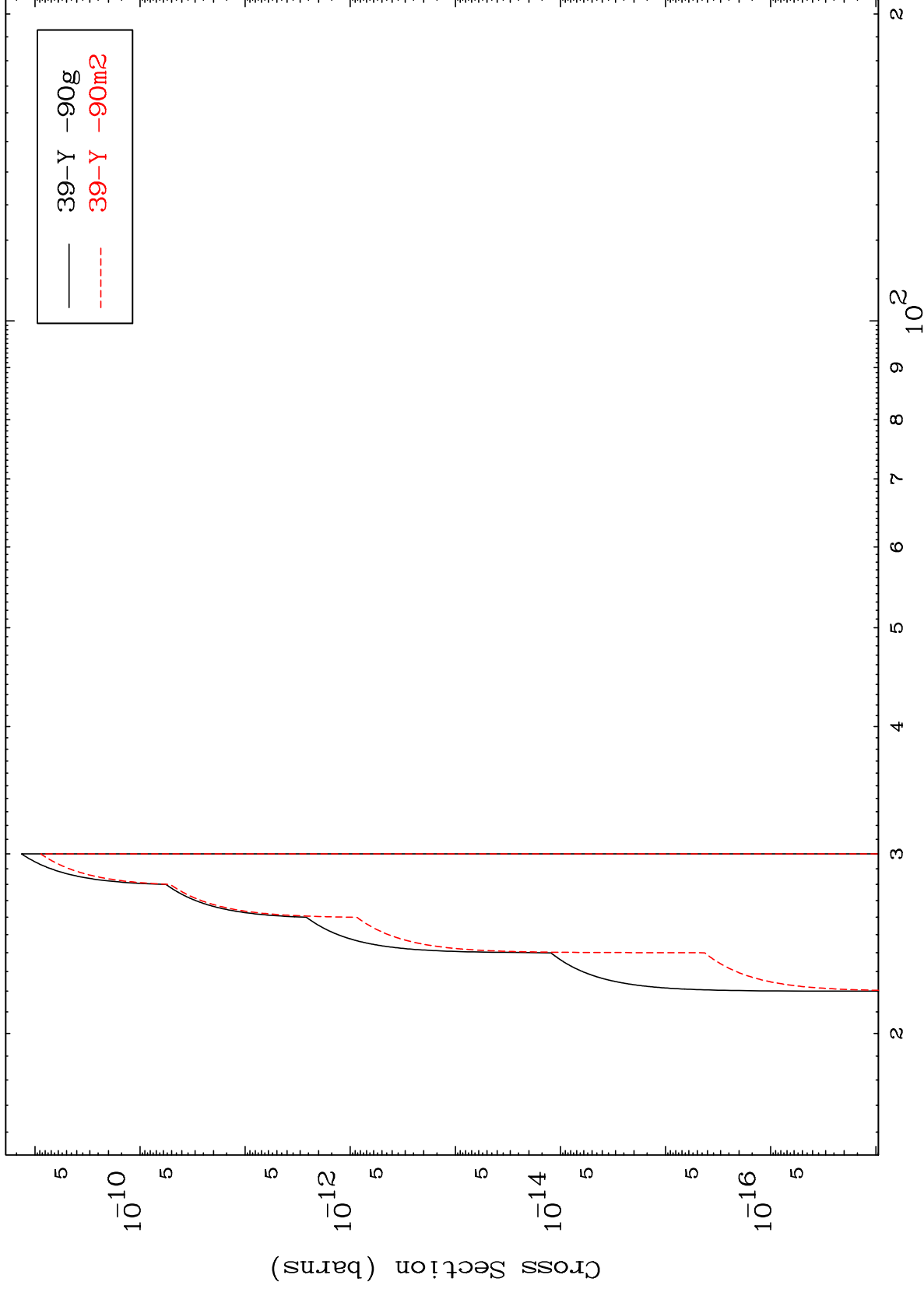
40-Zr-92

MAT 4031

(n,d) α

40-Zr-92

Radionuclide Production Cross Section



23

Incident Energy (MeV)

40-Zr-92