

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

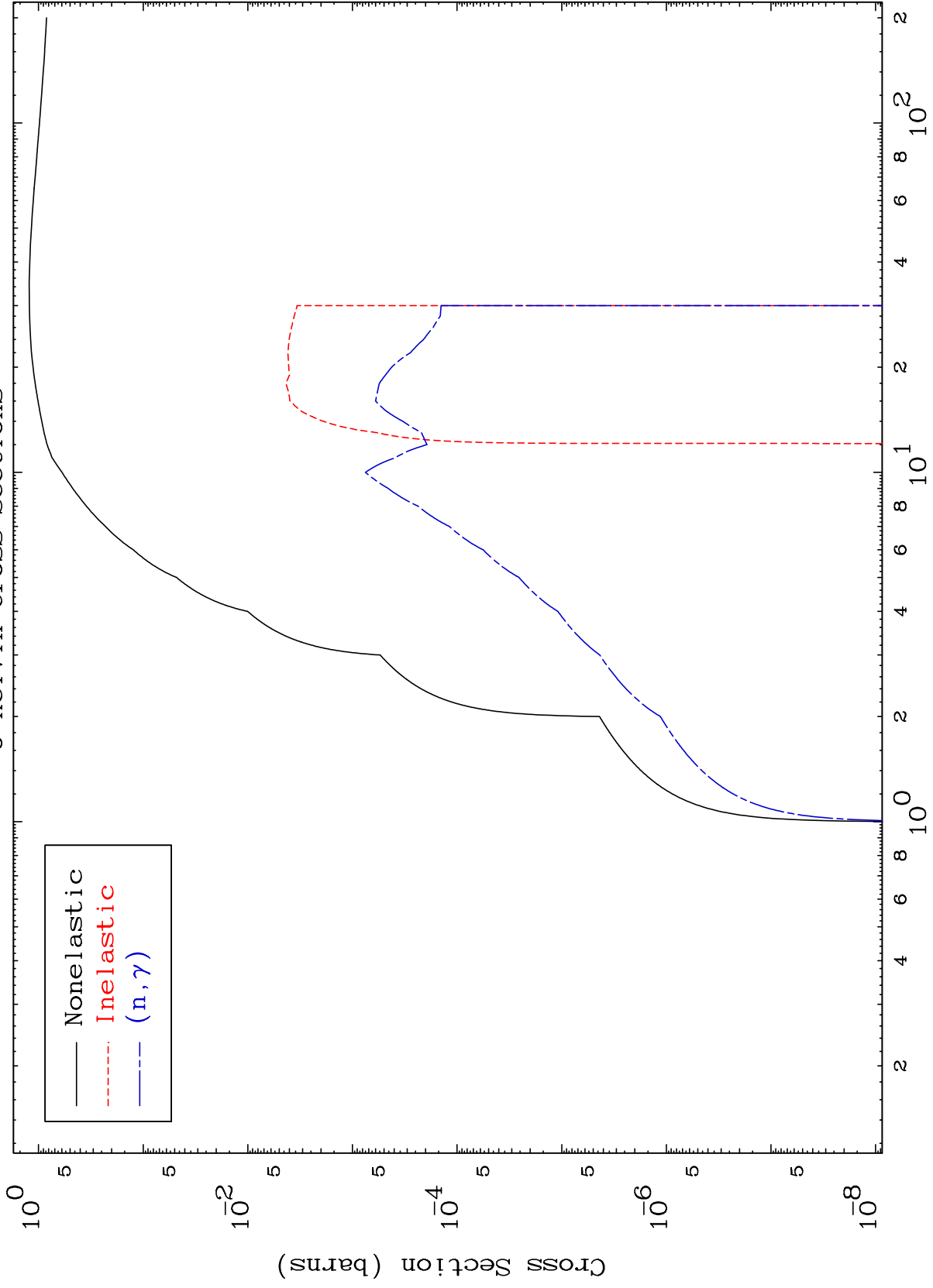
Press Mouse Button to Start

MAT 3998

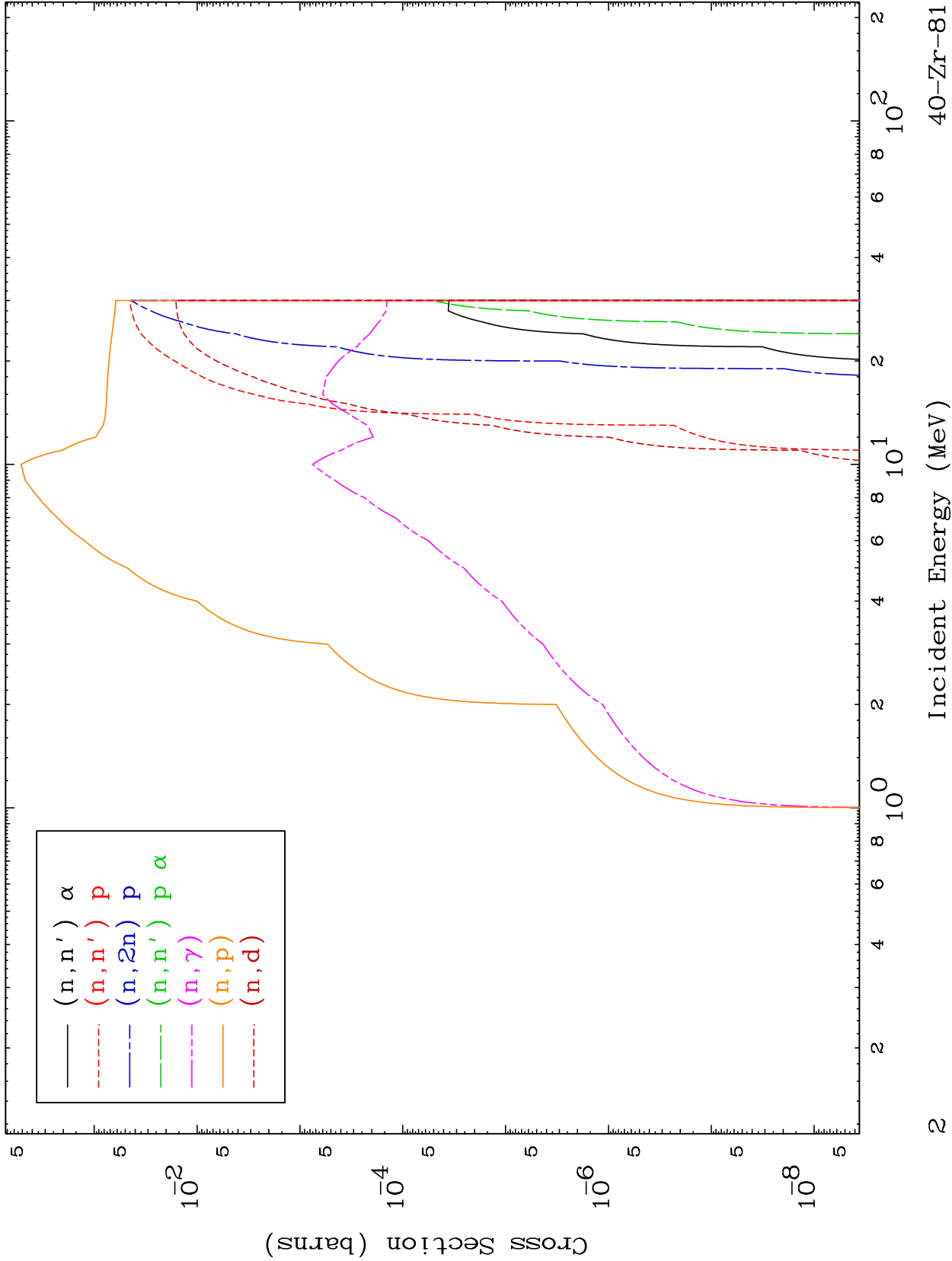
Proton Major

40-Zr-81

0 Kelvin Cross Sections



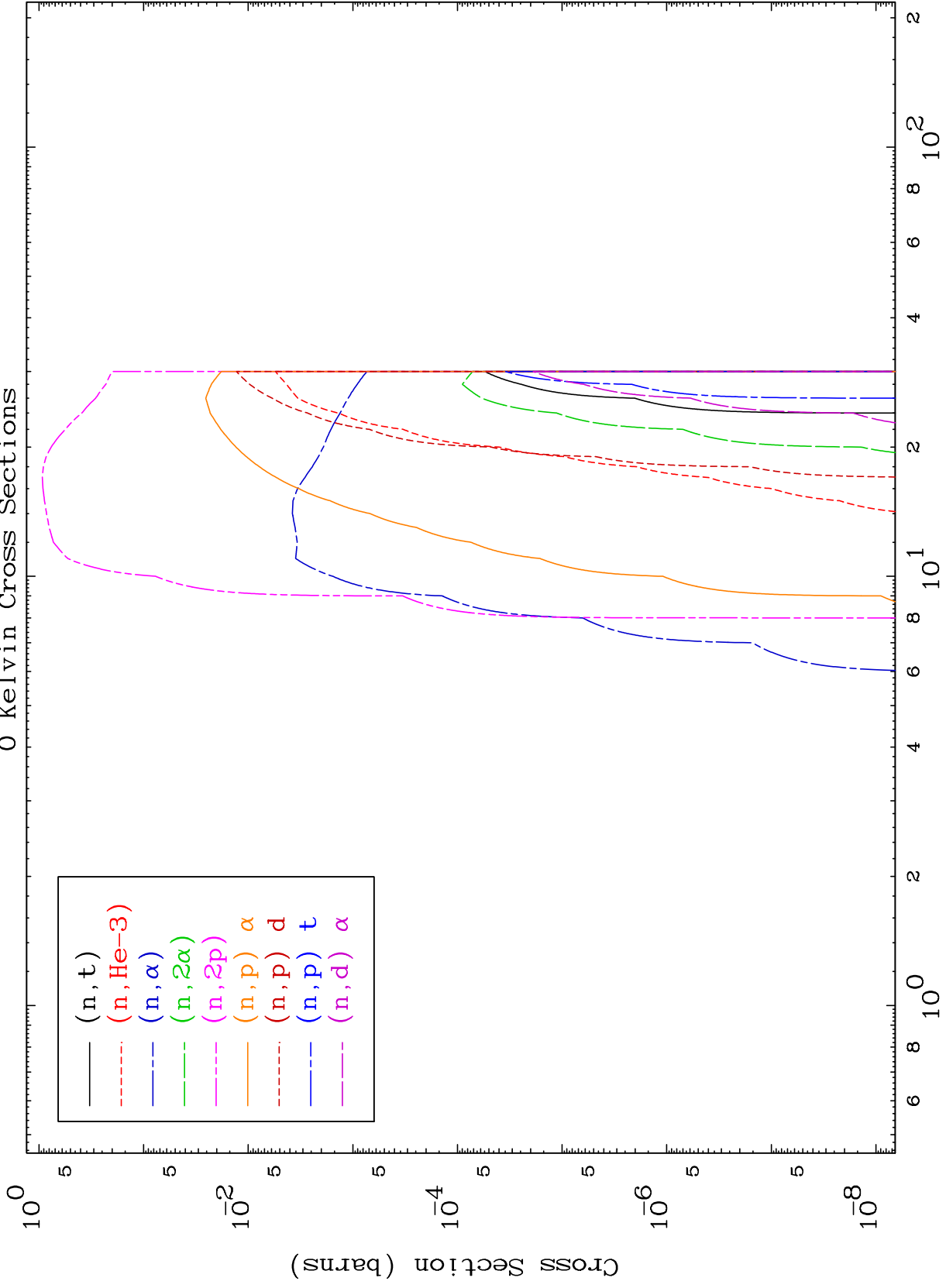
Legend:
— Nonelastic
- - - Inelastic
- · - (n, γ)

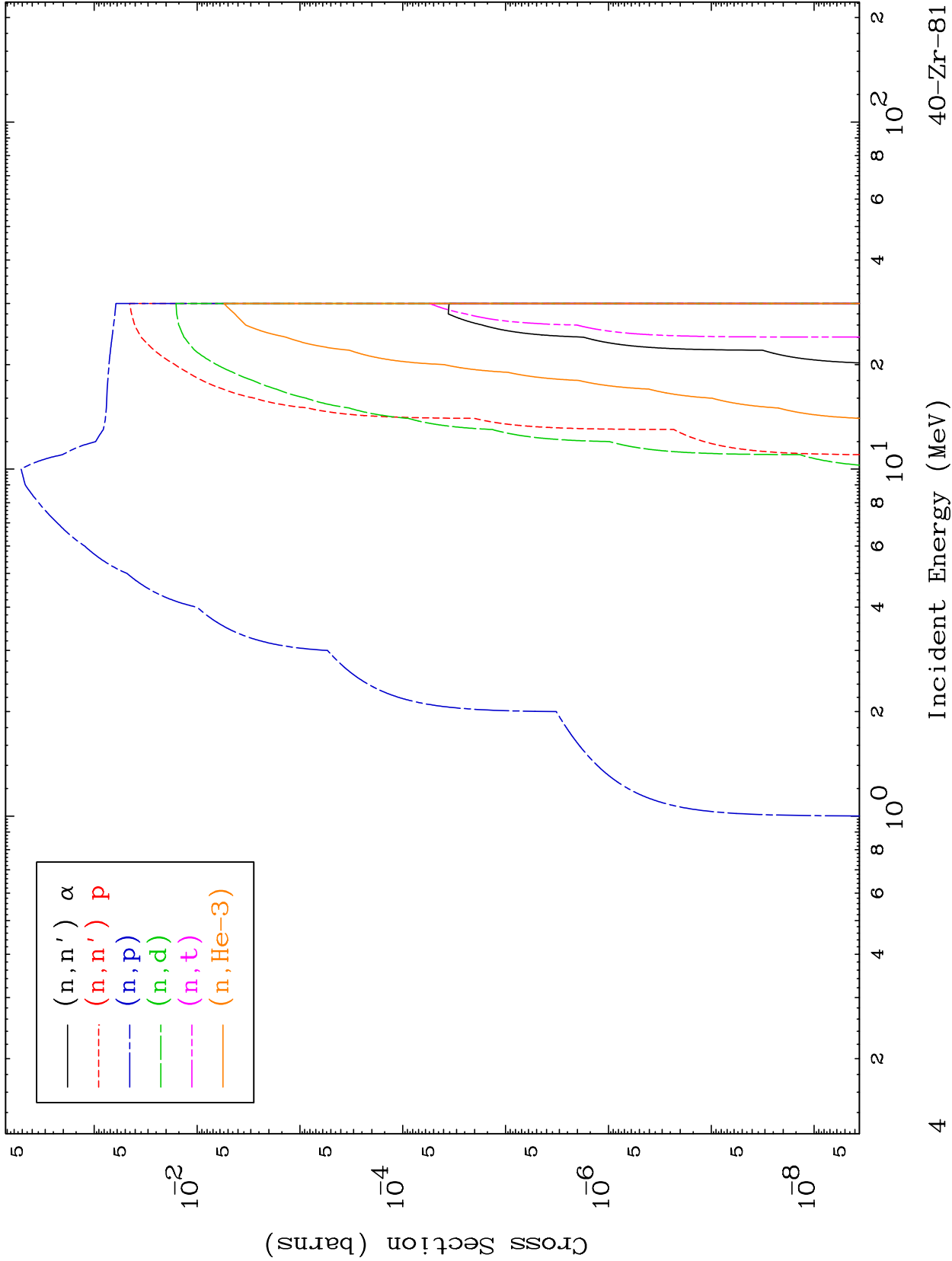


MAT 3998

Proton Neutron Absorption
0 Kelvin Cross Sections

40-Zr-81

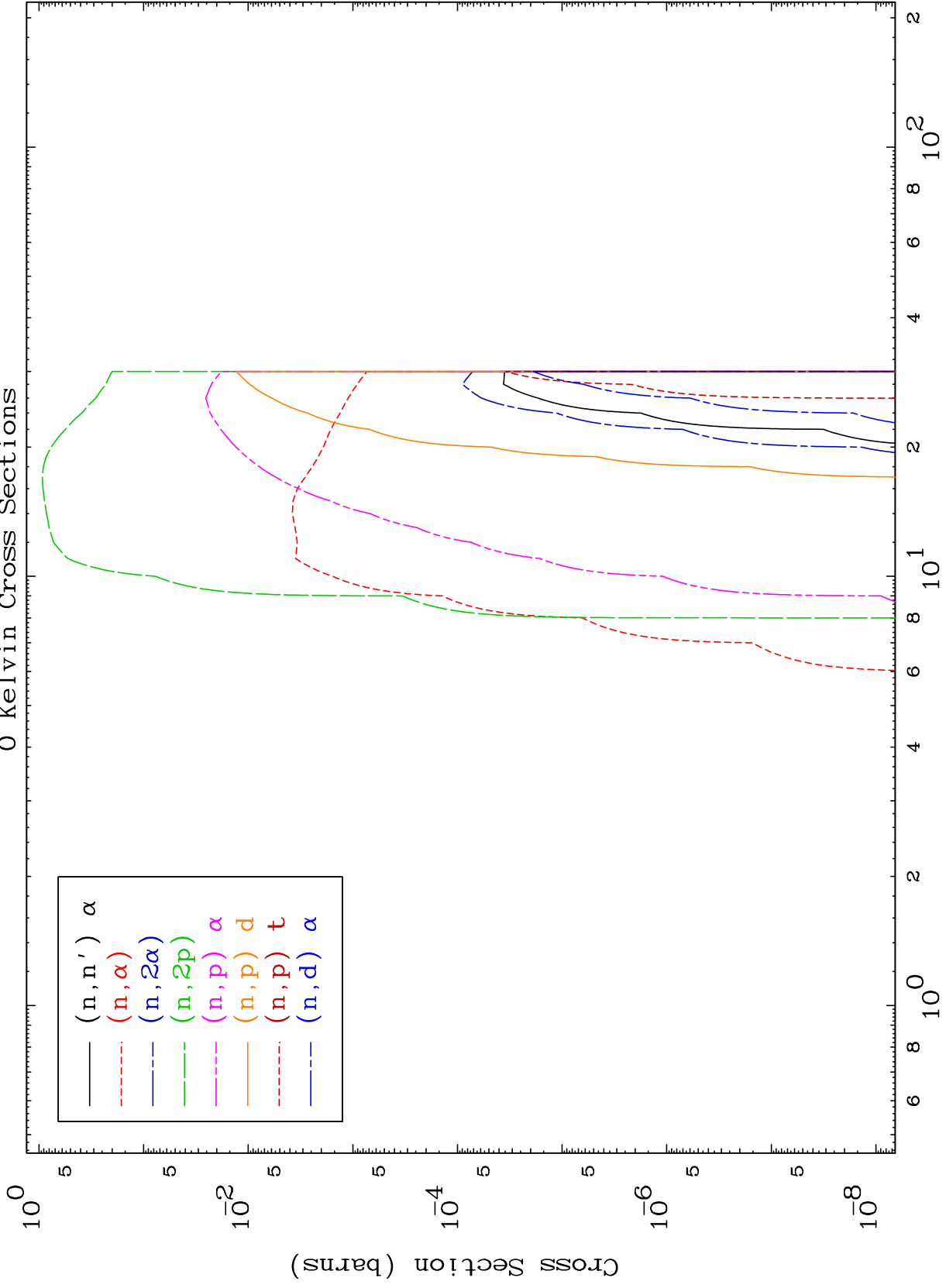




MAT 3998

Proton Charged Particle
0 Kelvin Cross Sections

40-Zr-81



5

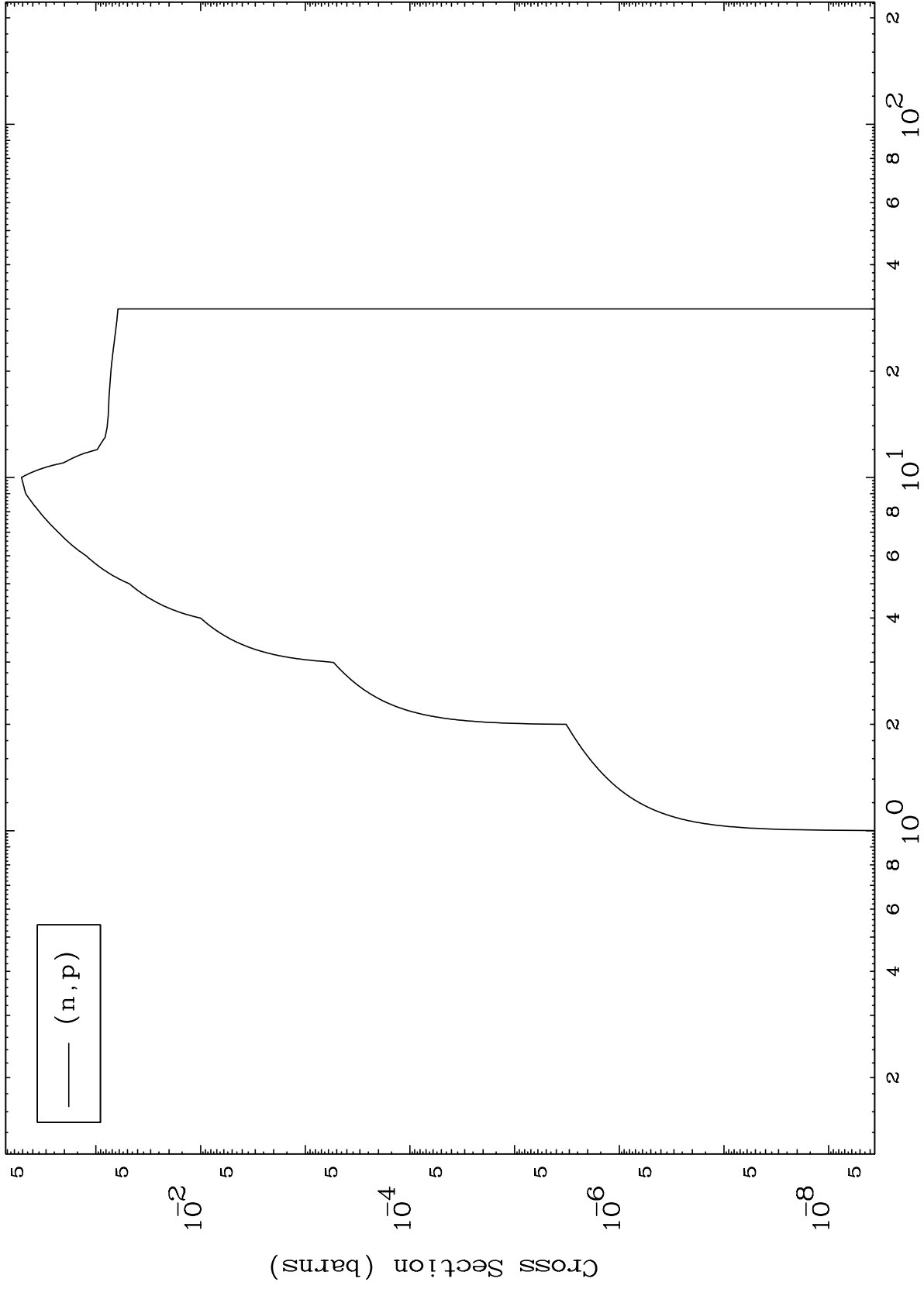
Incident Energy (MeV)

40-Zr-81

MAT 3998

(p,p) Levels
0 Kelvin Cross Sections

40-Zr-81



6

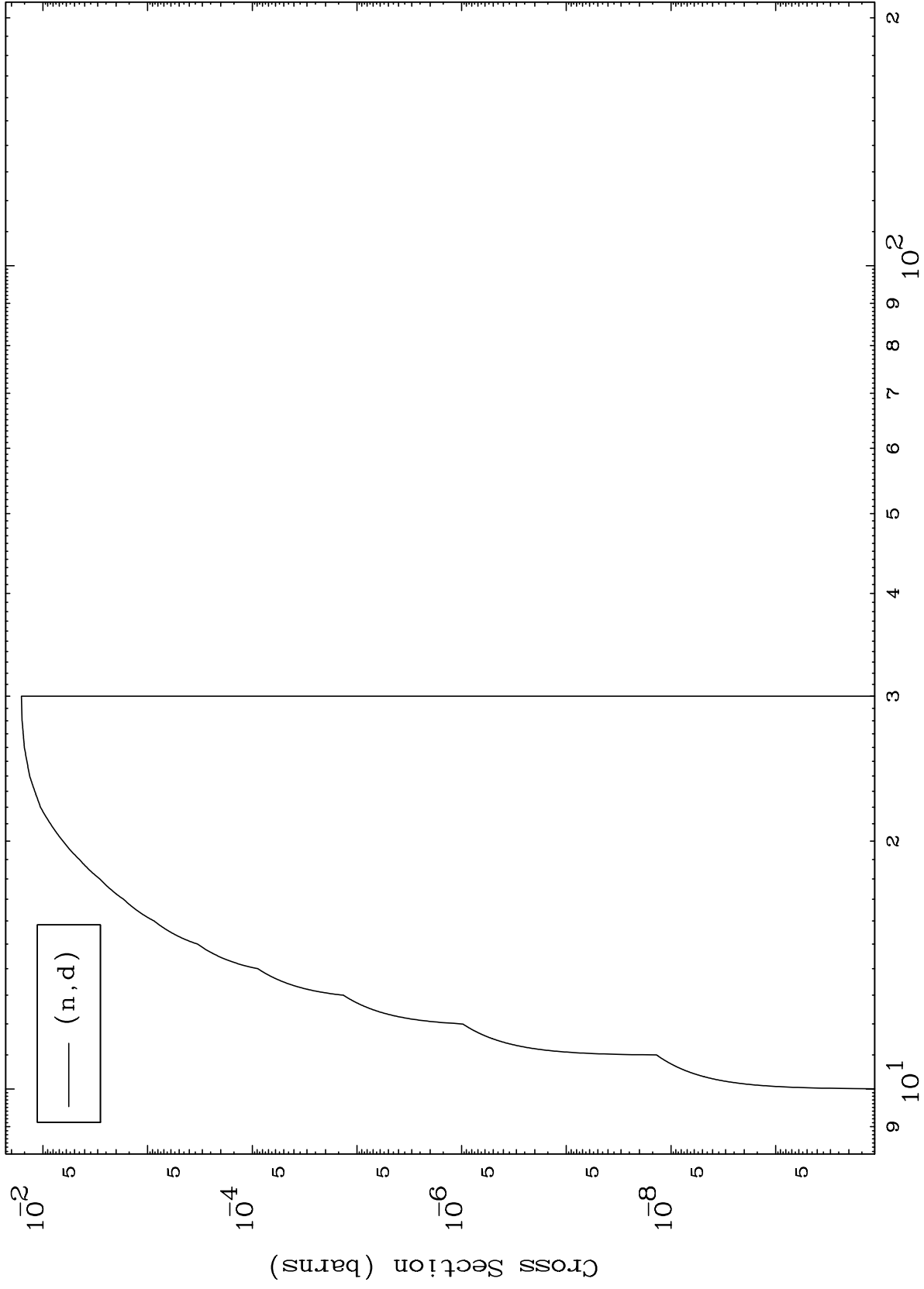
Incident Energy (MeV)

40-Zr-81

MAT 3998

(p,d) Levels
0 Kelvin Cross Sections

40-Zr-81



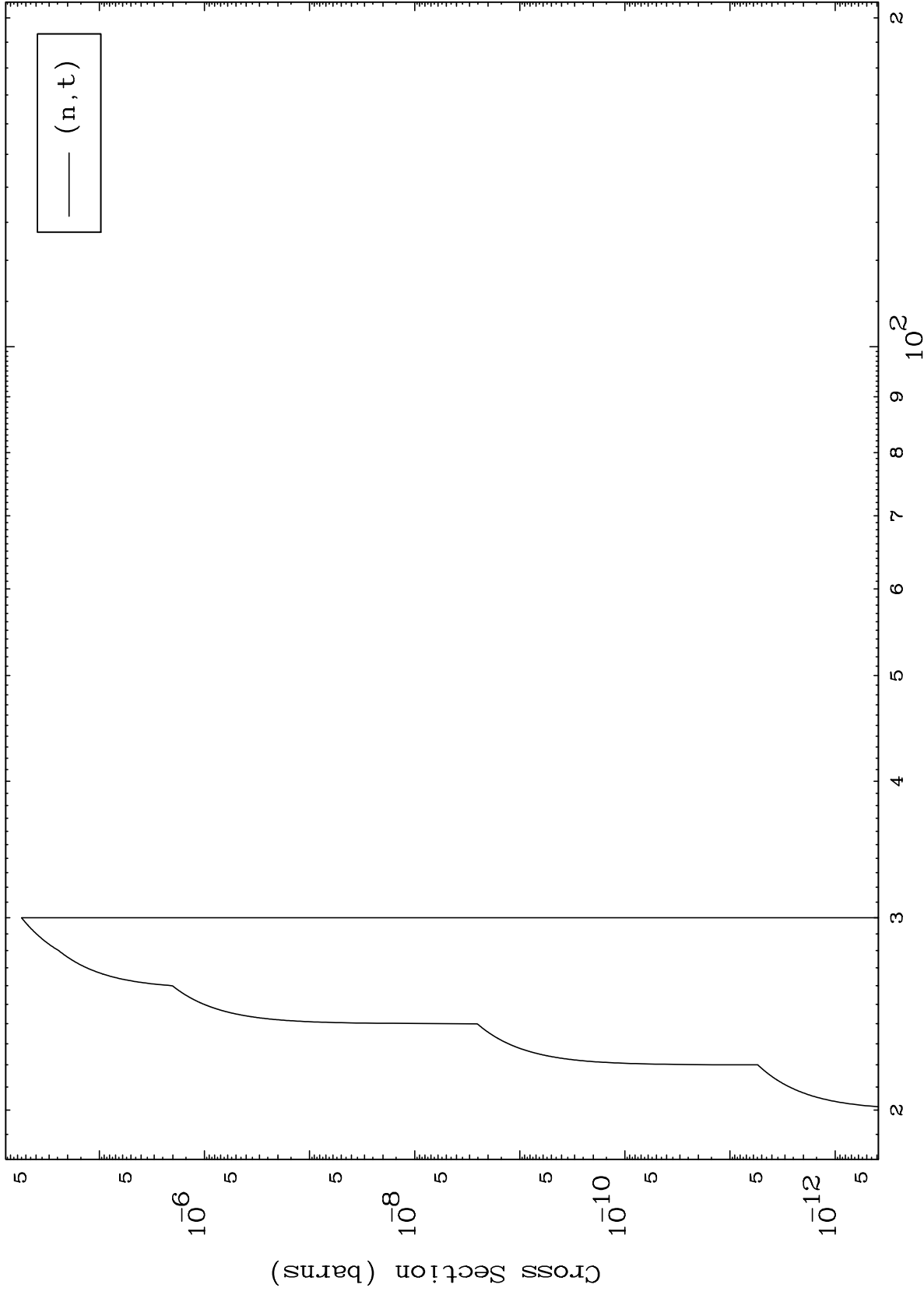
Incident Energy (MeV)

40-Zr-81

MAT 3998

(p, t) Levels
0 Kelvin Cross Sections

40-Zr-81



8

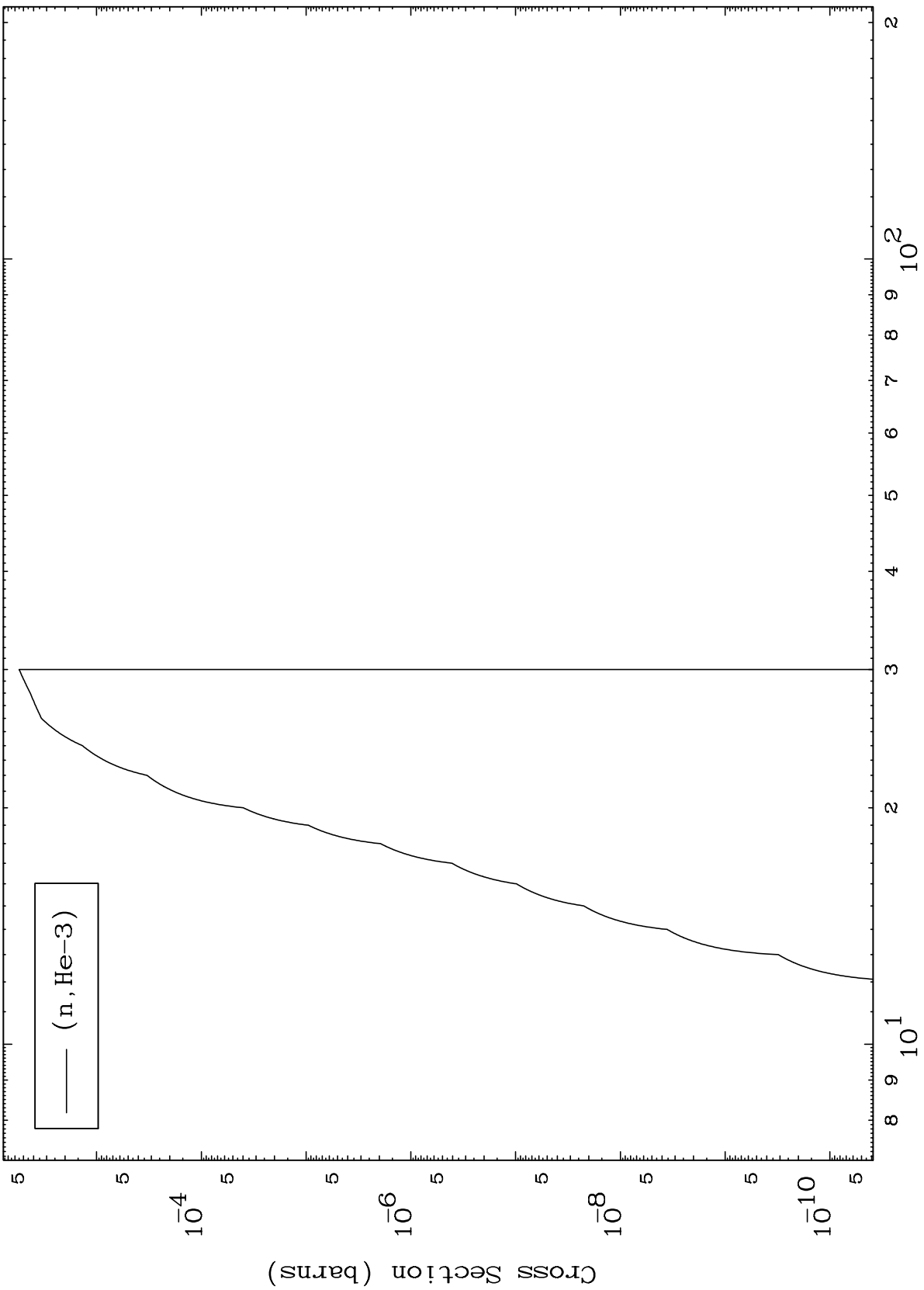
Incident Energy (MeV)

40-Zr-81

MAT 3998

40-Zr-81

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

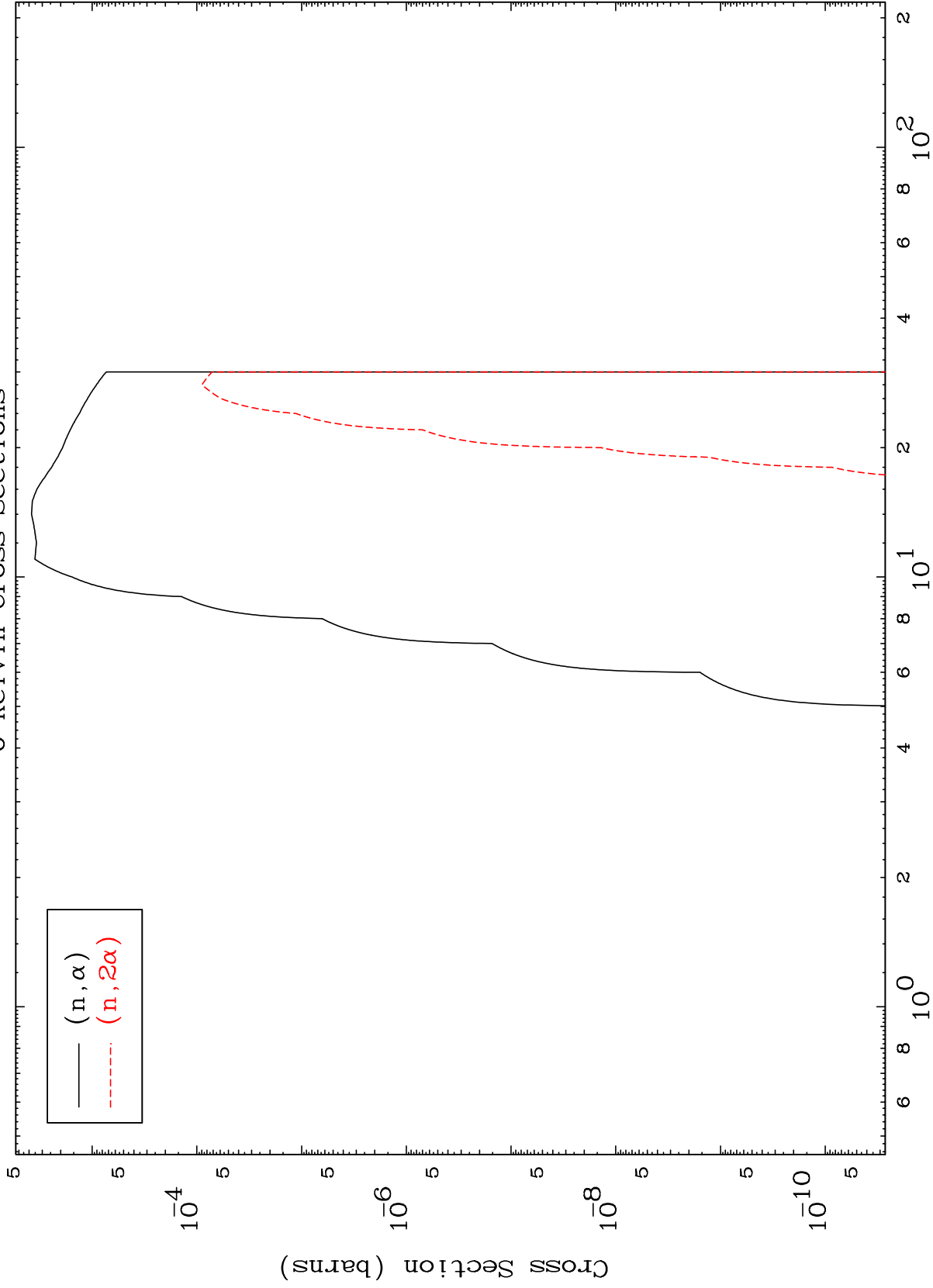
40-Zr-81

MAT 3998

(p, α) Levels

40-Zr-81

0 Kelvin Cross Sections



10

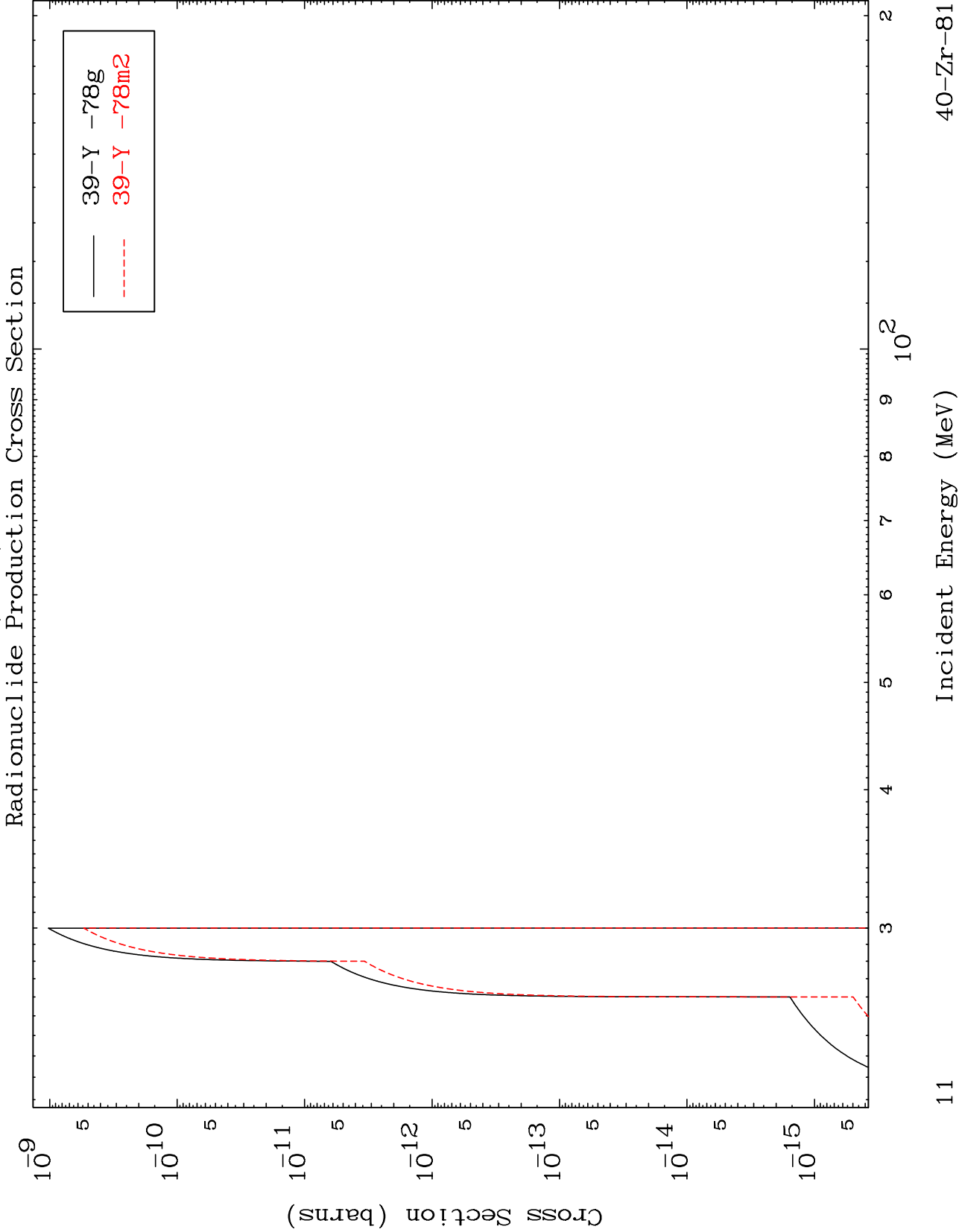
Incident Energy (MeV)

40-Zr-81

MAT 3998

(n,n') He-3

40-Zr-81



11

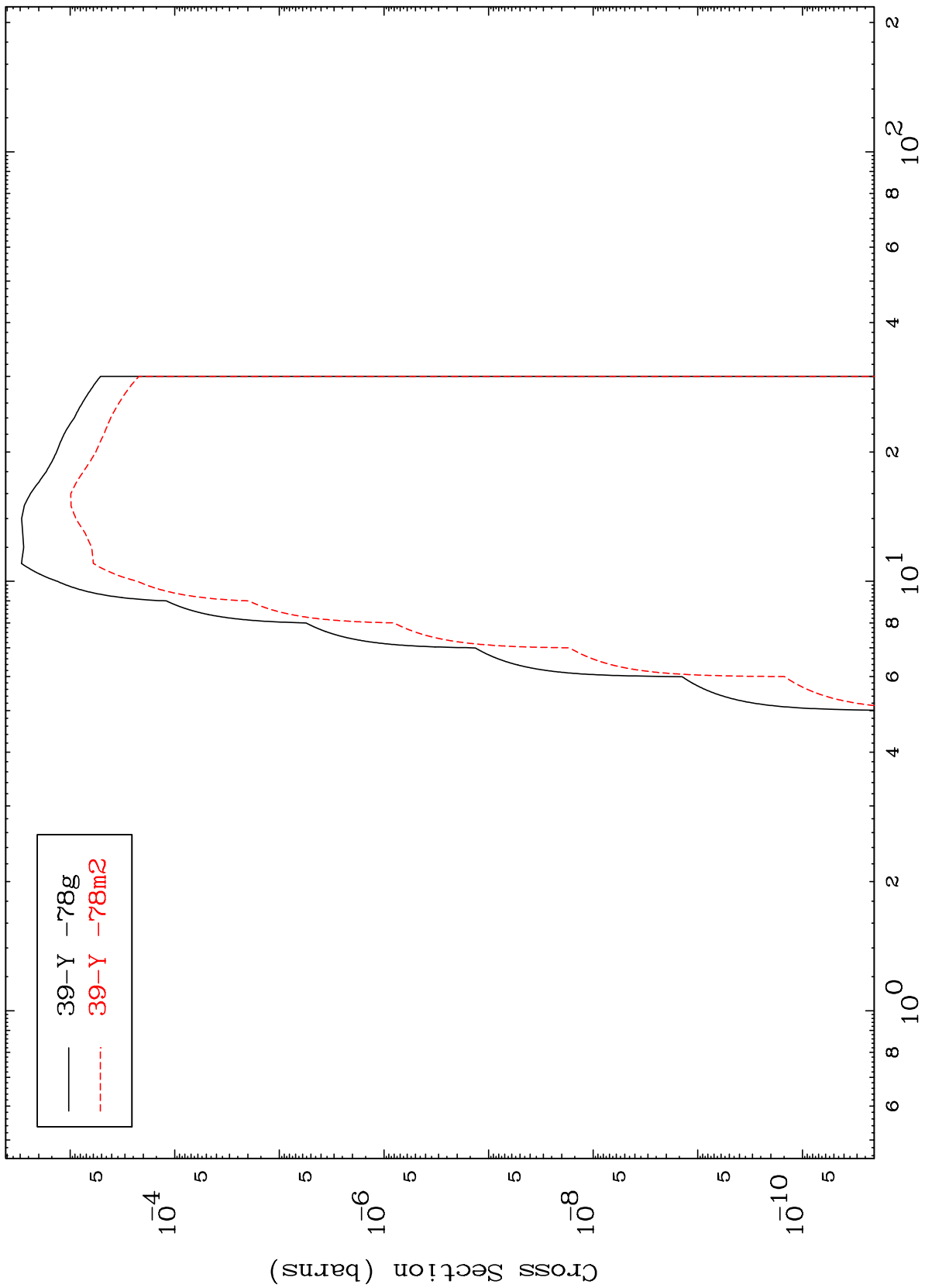
Incident Energy (MeV)

40-Zr-81

MAT 3998

40-Zr-81

(n, α)
Radionuclide Production Cross Section



12

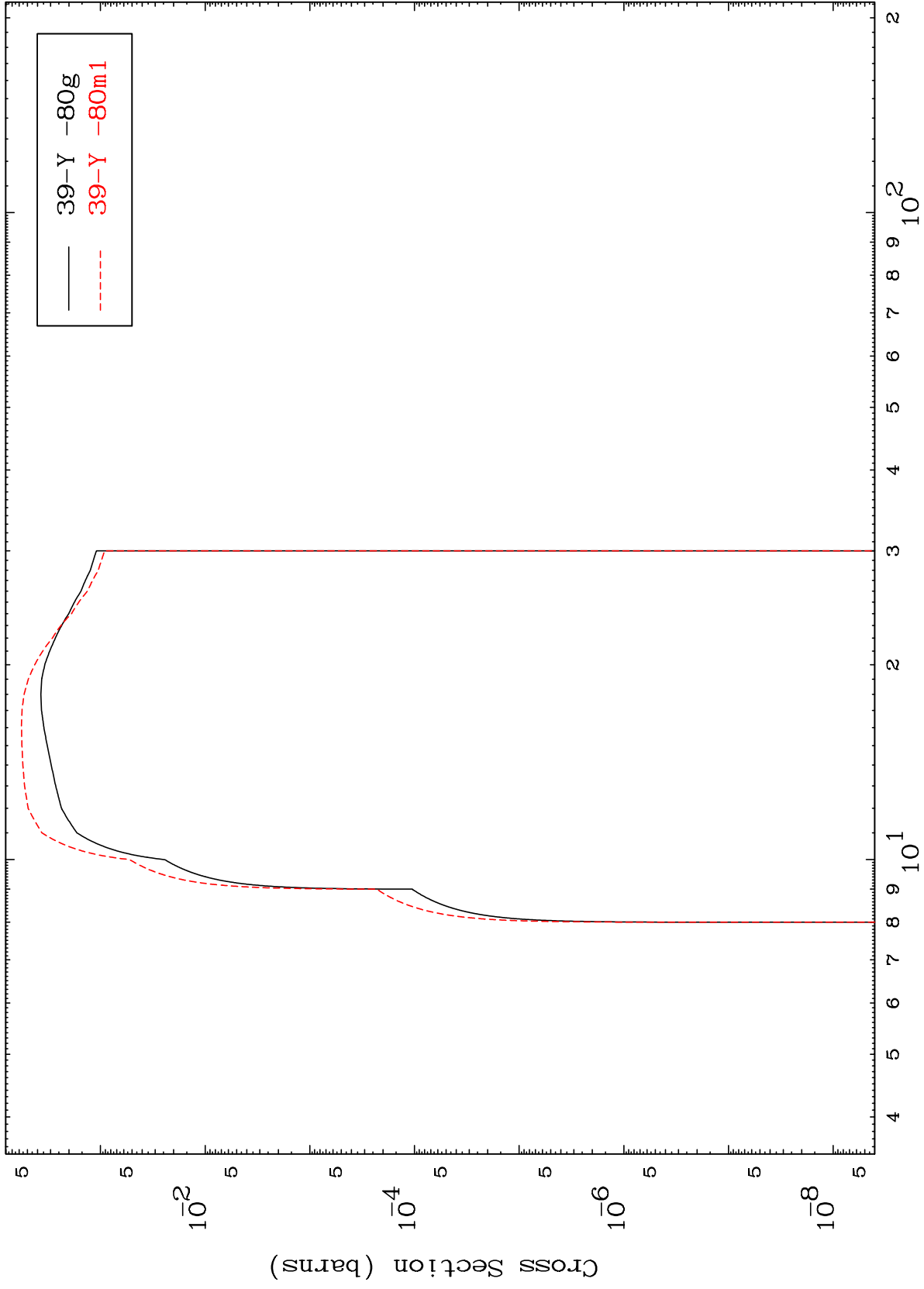
40-Zr-81

Incident Energy (MeV)

MAT 3998

40-Zr-81

(n,2p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

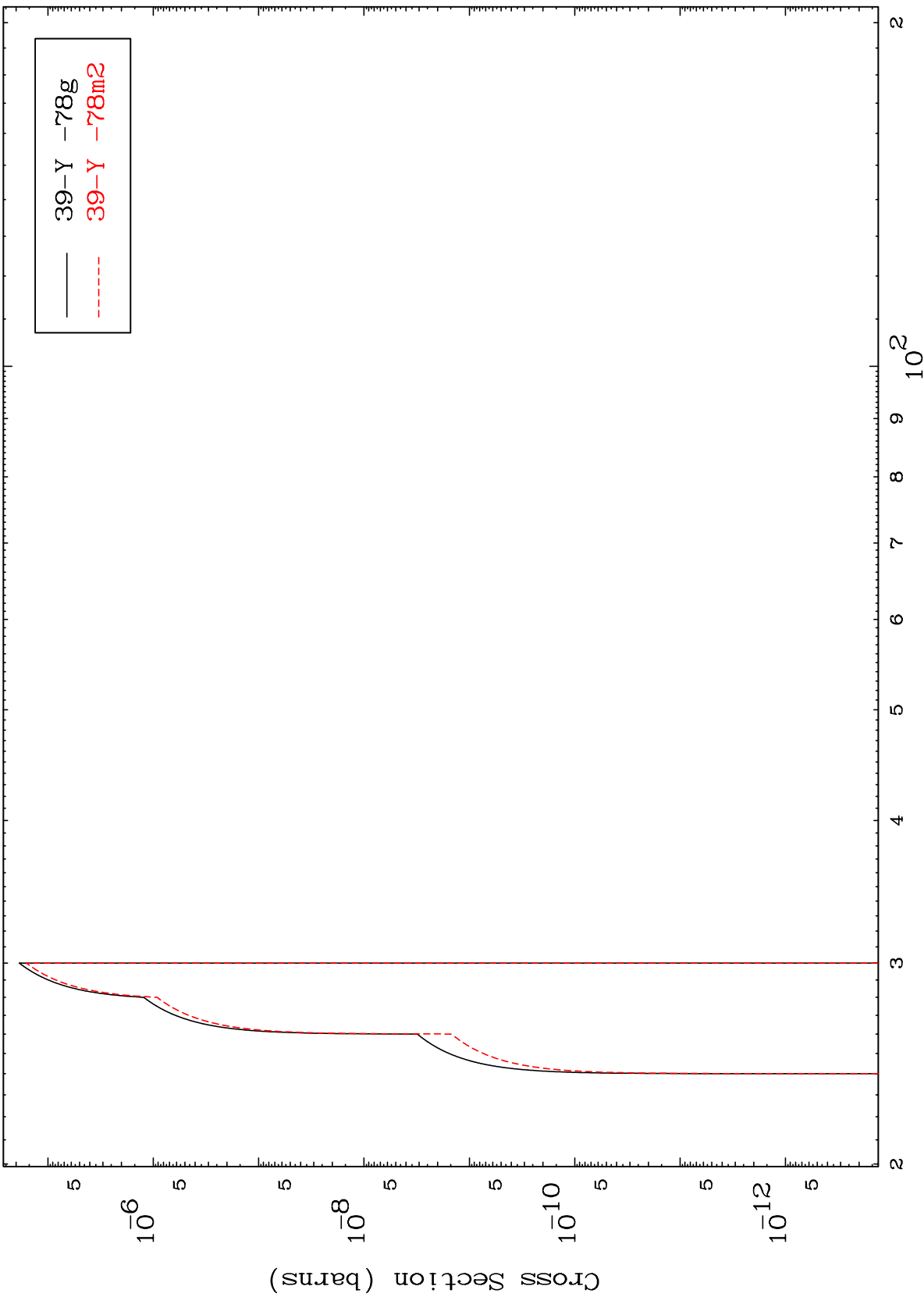
40-Zr-81

MAT 3998

(n,p) t

40-Zr-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

40-Zr-81