

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

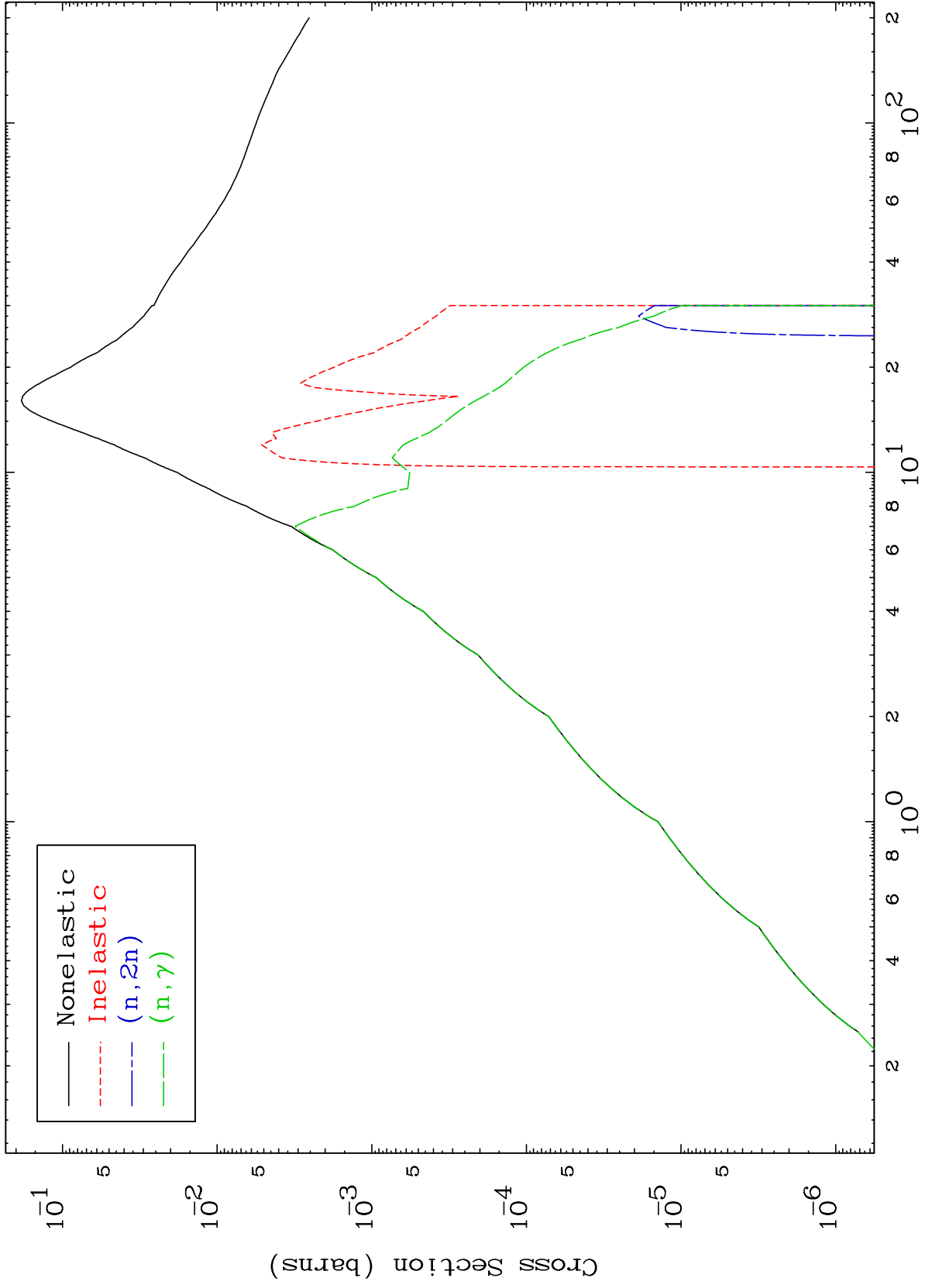
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4004

0 Kelvin Major

40-Zr-83



1

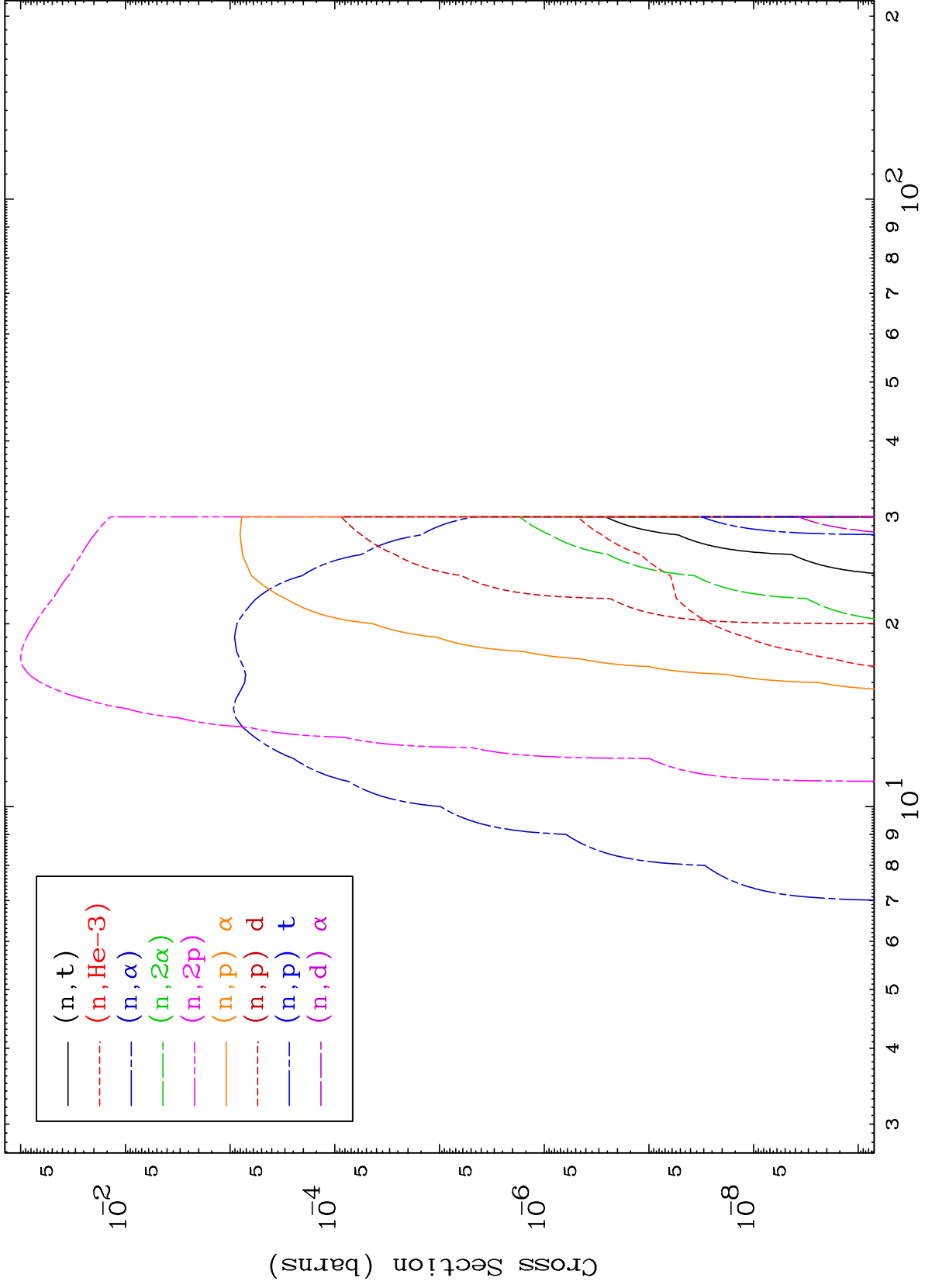
Incident Energy (MeV)

40-Zr-83

MAT 4004

Photon Neutron Absorption
0 Kelvin Cross Sections

40-Zr-83



3

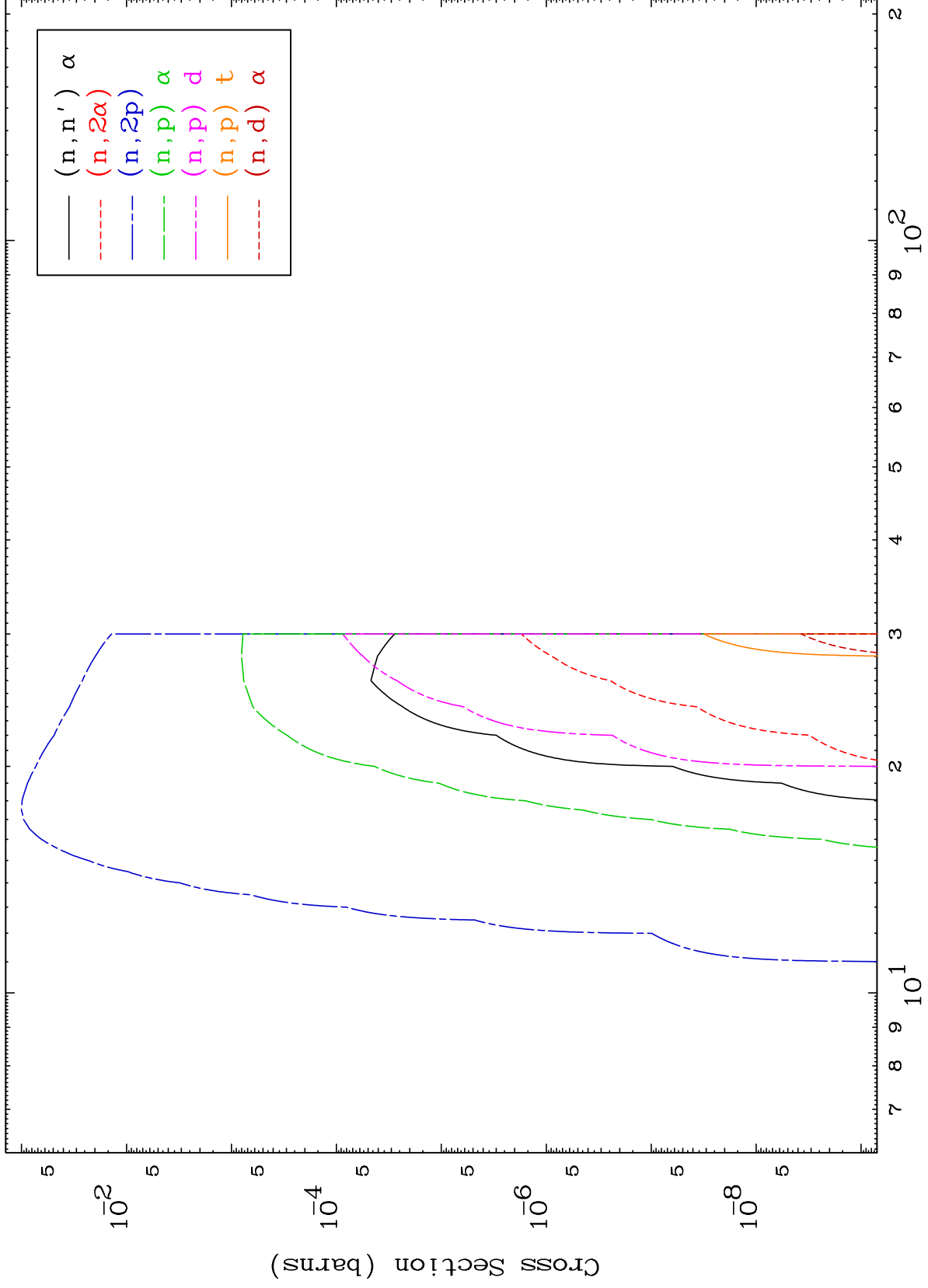
Incident Energy (MeV)

40-Zr-83

MAT 4004

Photon Charged Particle
0 Kelvin Cross Sections

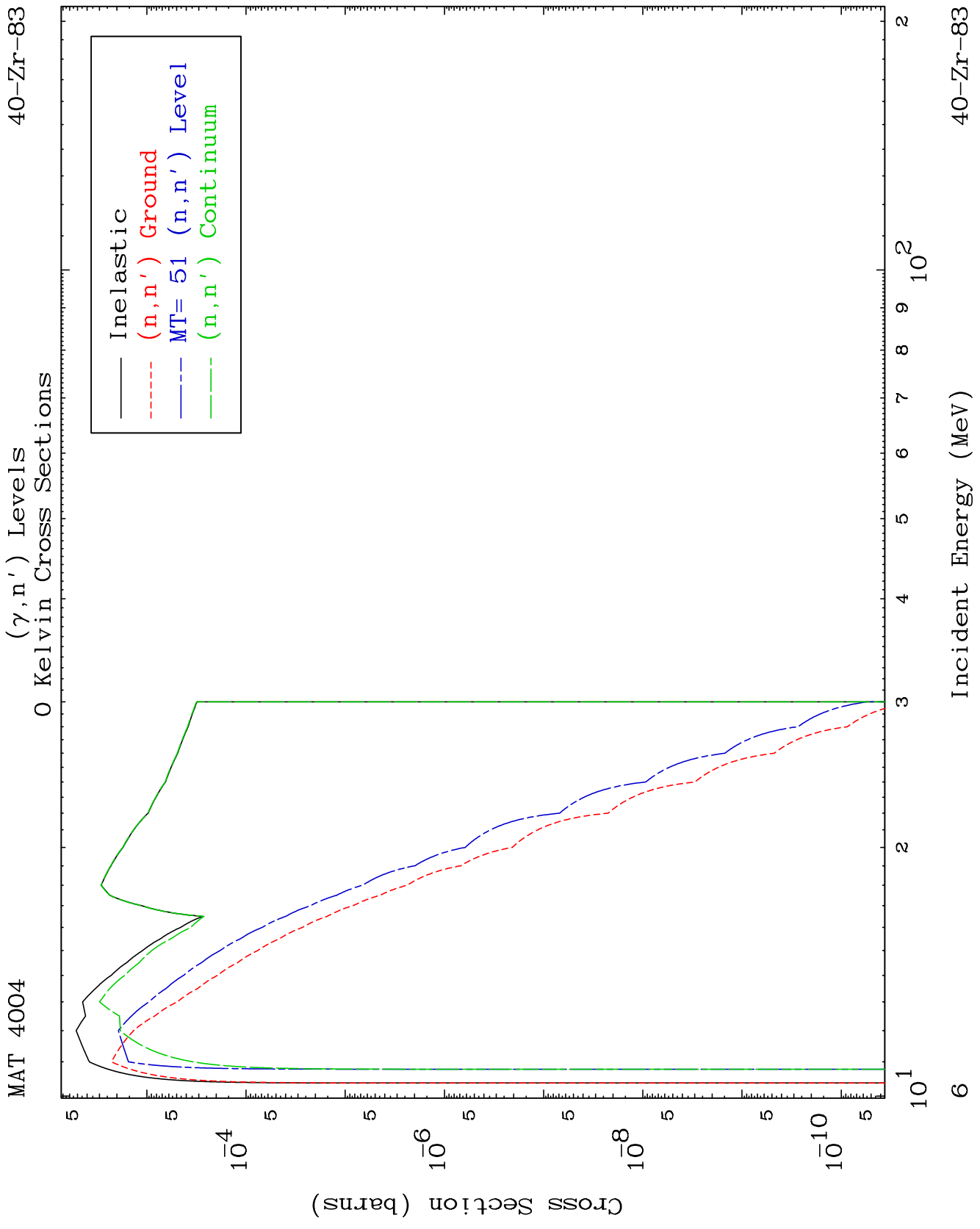
40-Zr-83



5

Incident Energy (MeV)

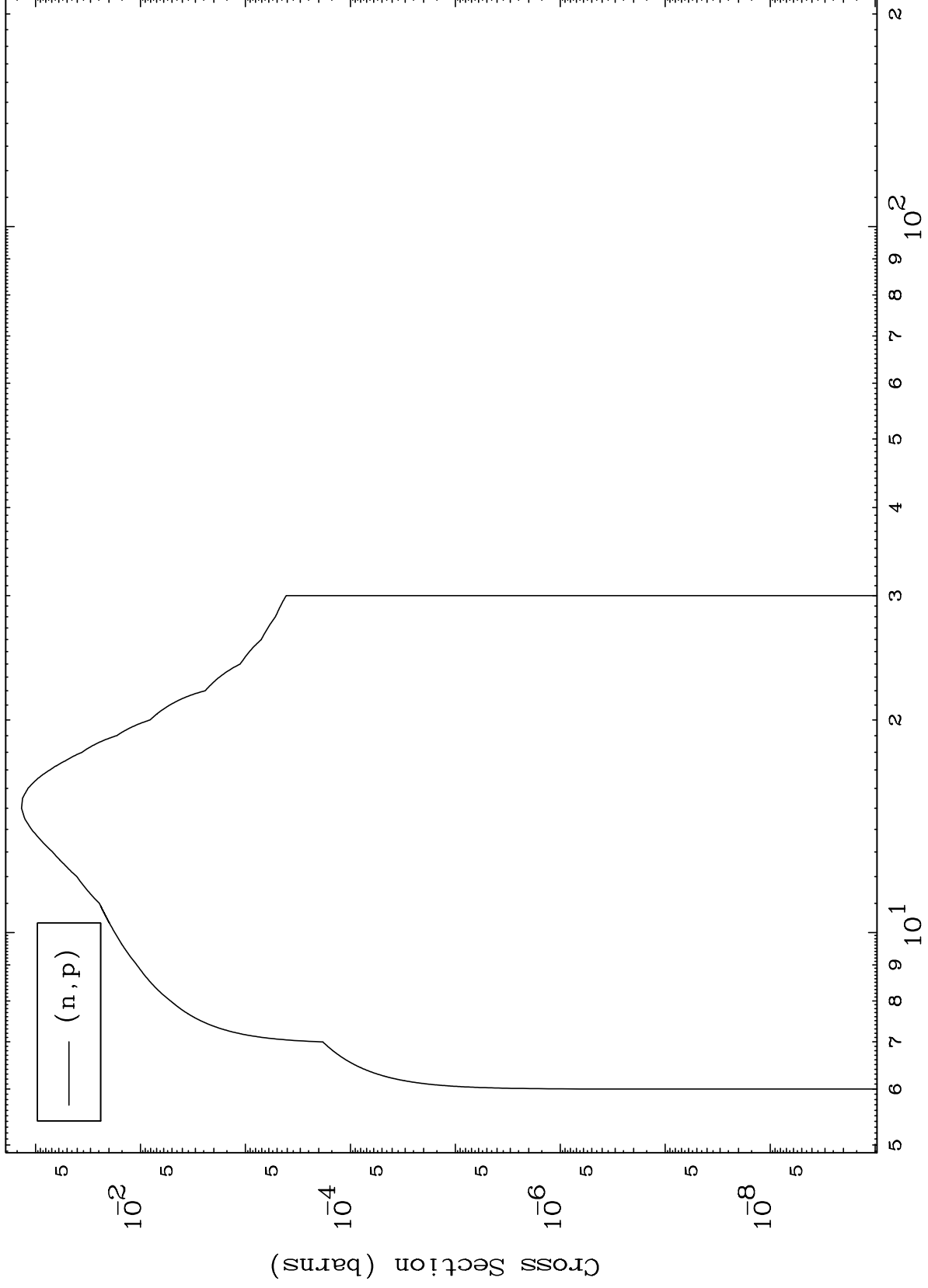
40-Zr-83



MAT 4004

(γ, p) Levels
0 Kelvin Cross Sections

40-Zr-83



7

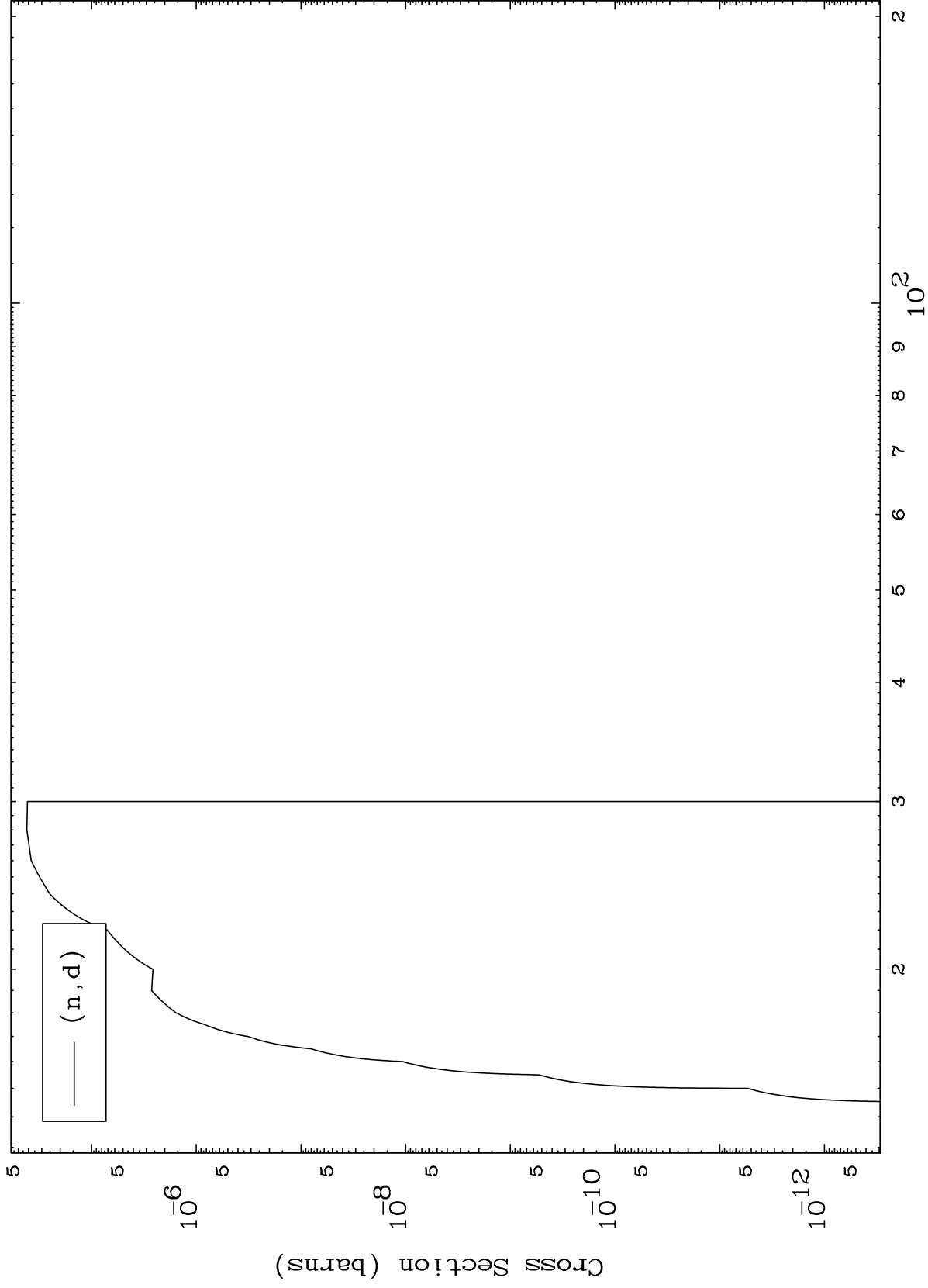
Incident Energy (MeV)

40-Zr-83

MAT 4004

(γ, d) Levels
0 Kelvin Cross Sections

40-Zr-83



8

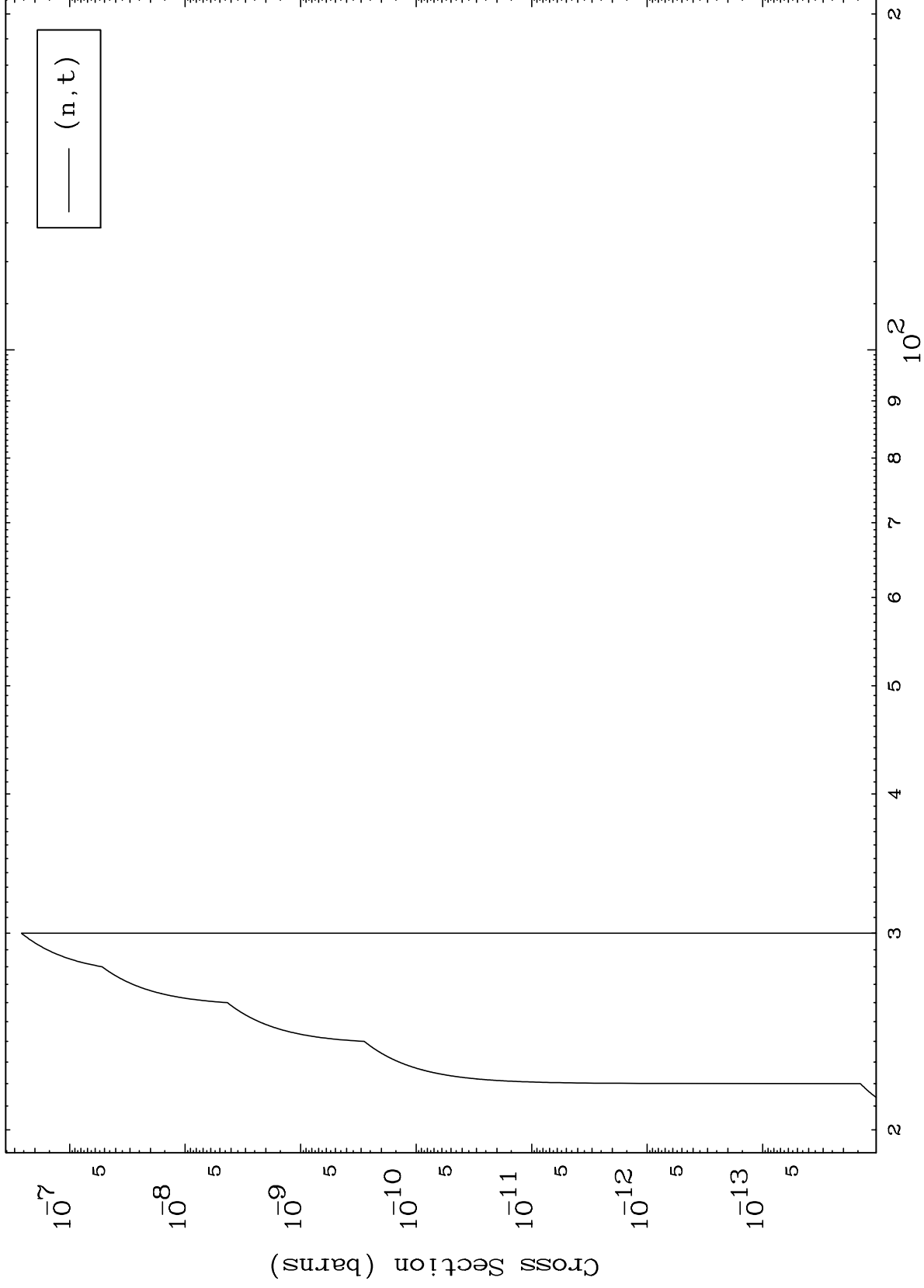
Incident Energy (MeV)

40-Zr-83

MAT 4004

(γ, t) Levels
0 Kelvin Cross Sections

40-Zr-83



9

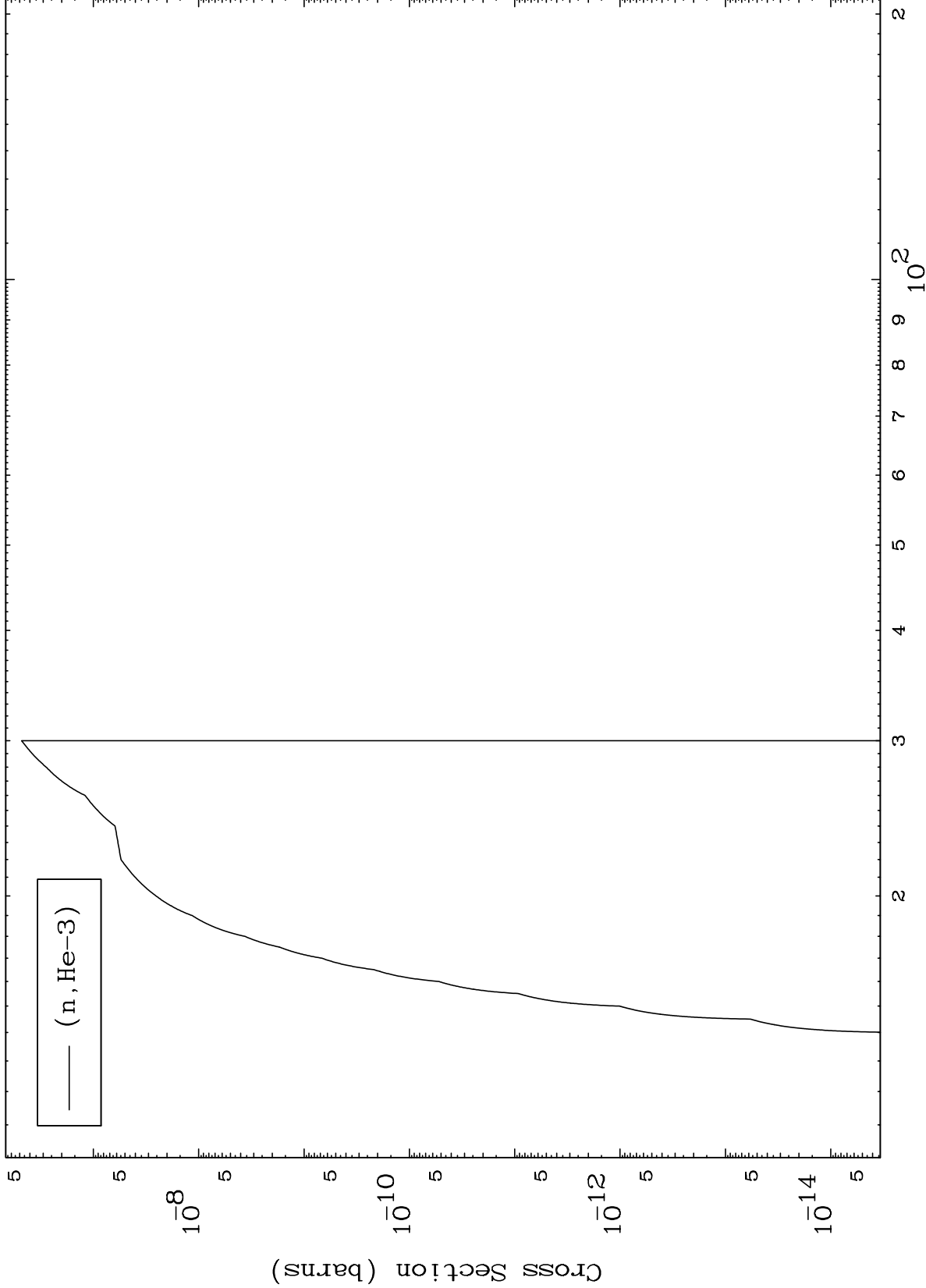
Incident Energy (MeV)

40-Zr-83

MAT 4004

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

40-Zr-83



10

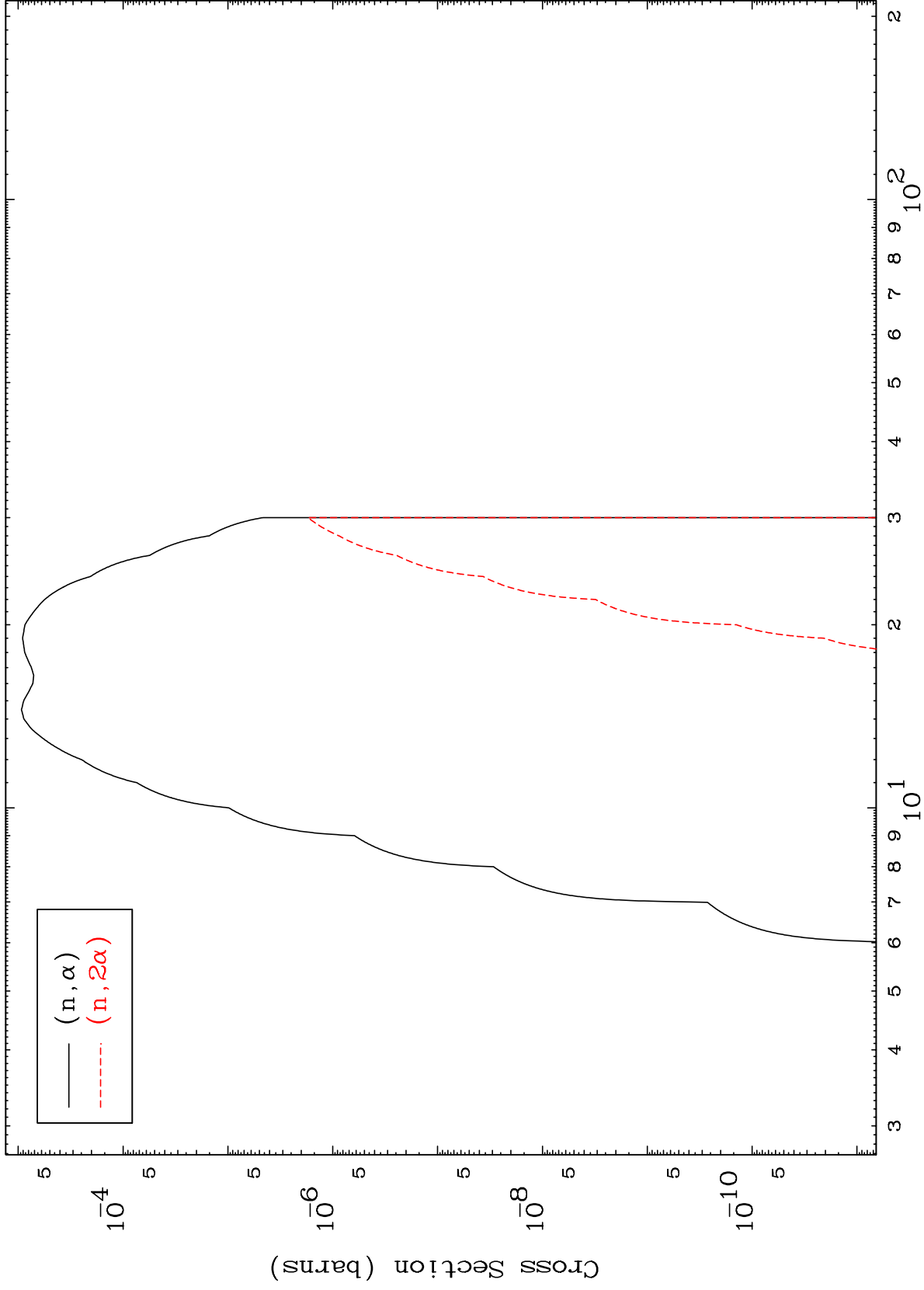
Incident Energy (MeV)

40-Zr-83

MAT 4004

(γ, α) Levels
0 Kelvin Cross Sections

40-Zr-83



11

Incident Energy (MeV)

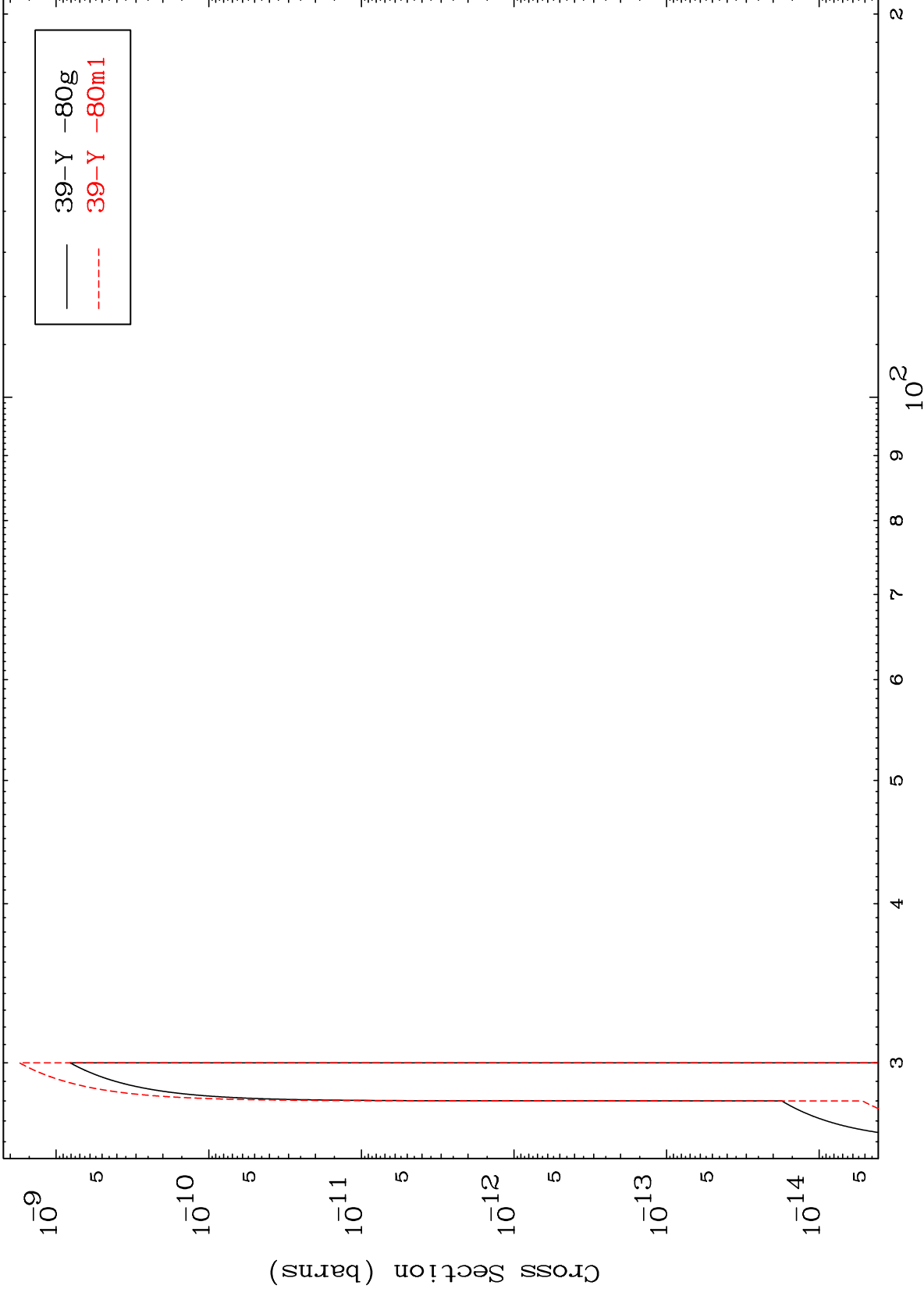
40-Zr-83

MAT 4004

(n,n') d

40-Zr-83

Radionuclide Production Cross Section



12

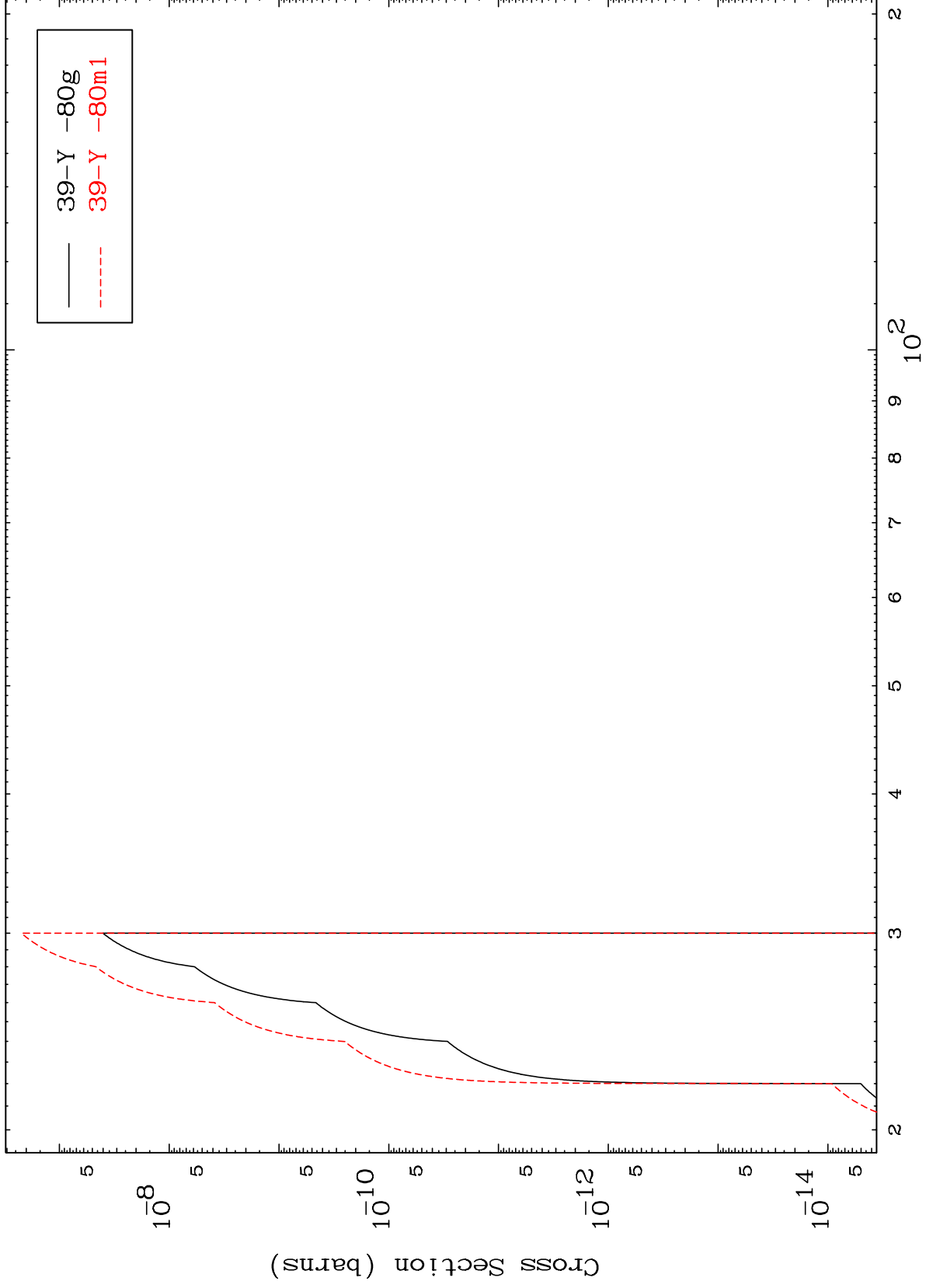
Incident Energy (MeV)

40-Zr-83

MAT 4004

40-Zr-83

(n,t)
Radionuclide Production Cross Section



40-Zr-83

Incident Energy (MeV)

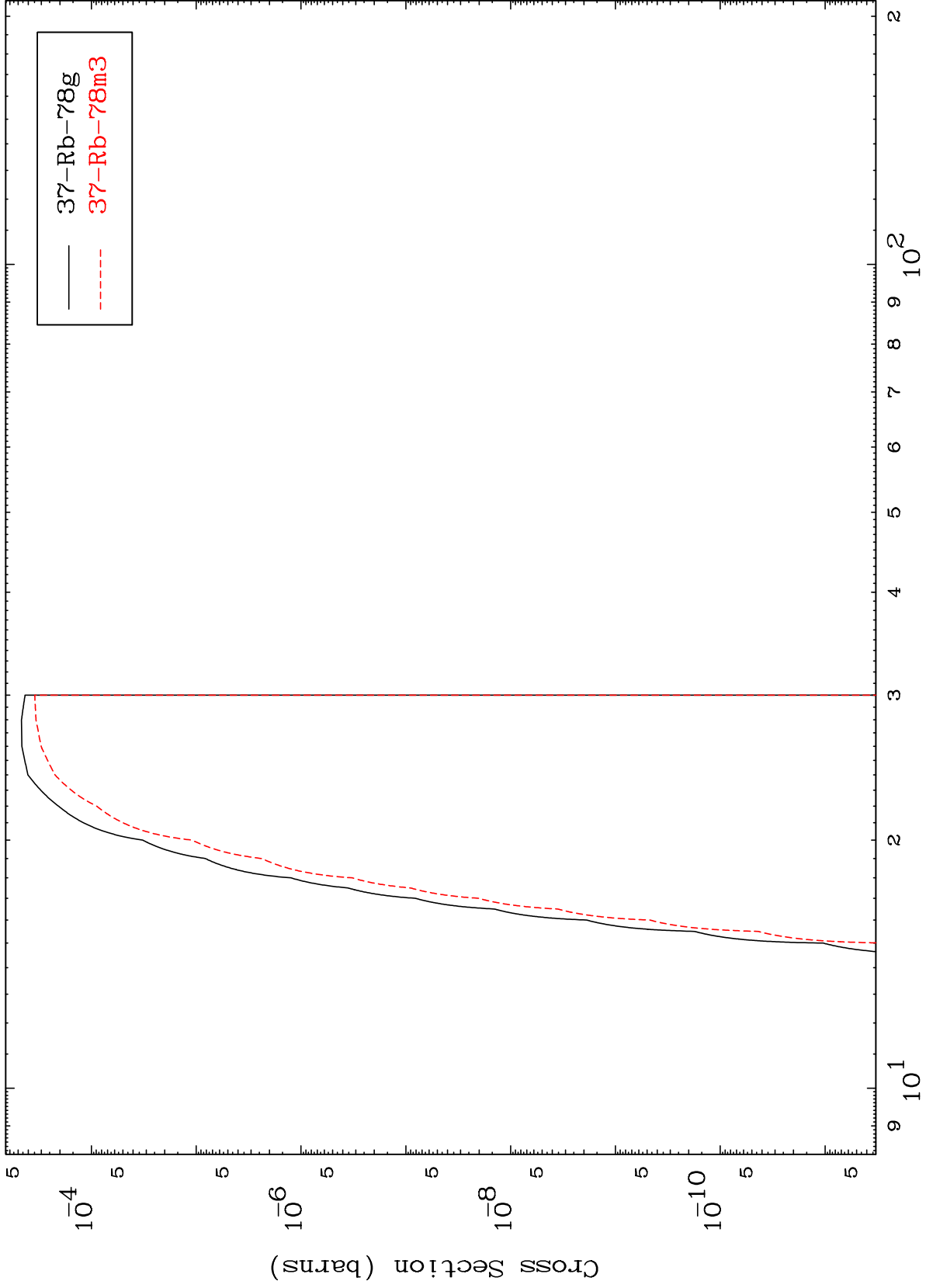
13

MAT 4004

(n,p) α

40-Zr-83

Radionuclide Production Cross Section



14

Incident Energy (MeV)

40-Zr-83