

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

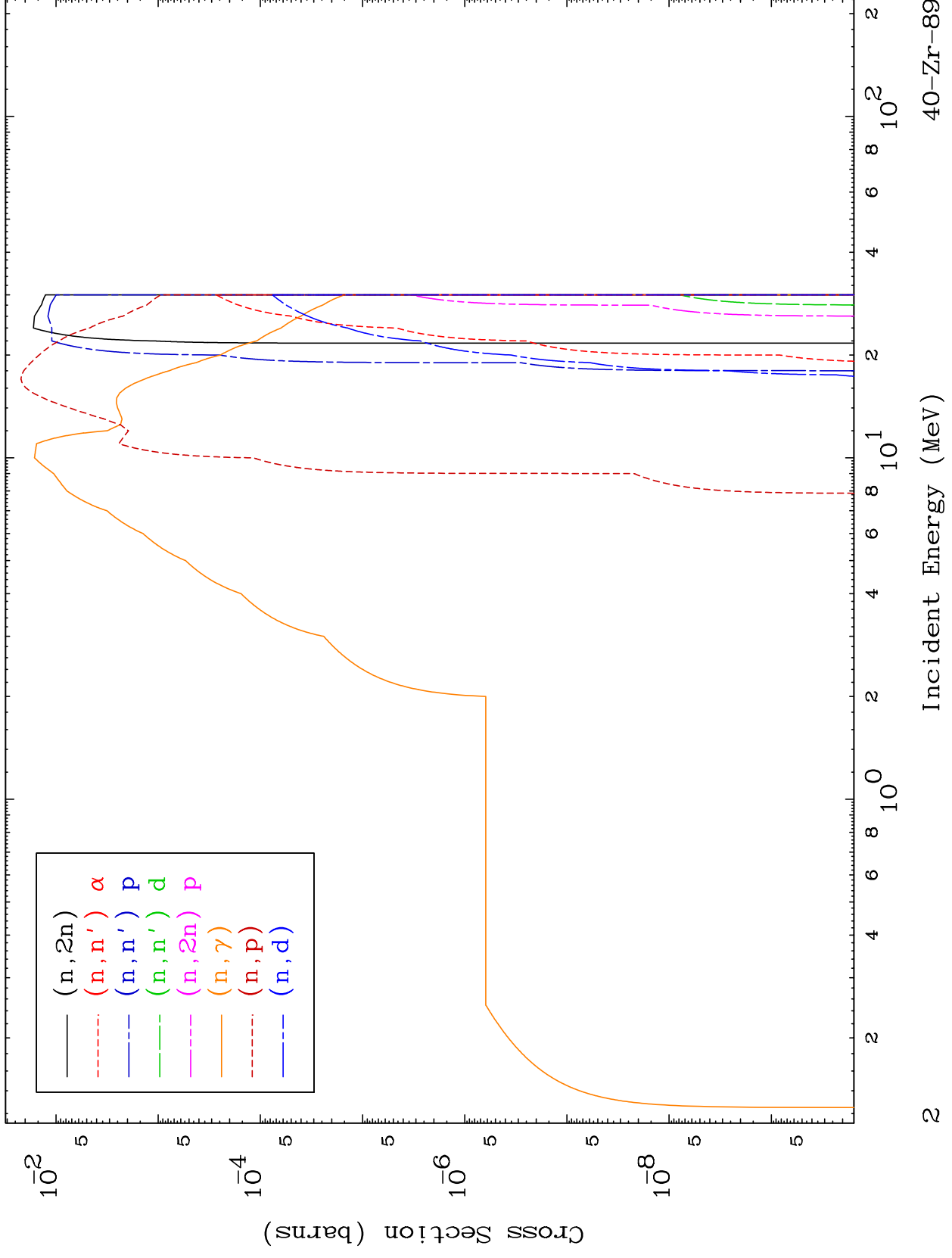
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

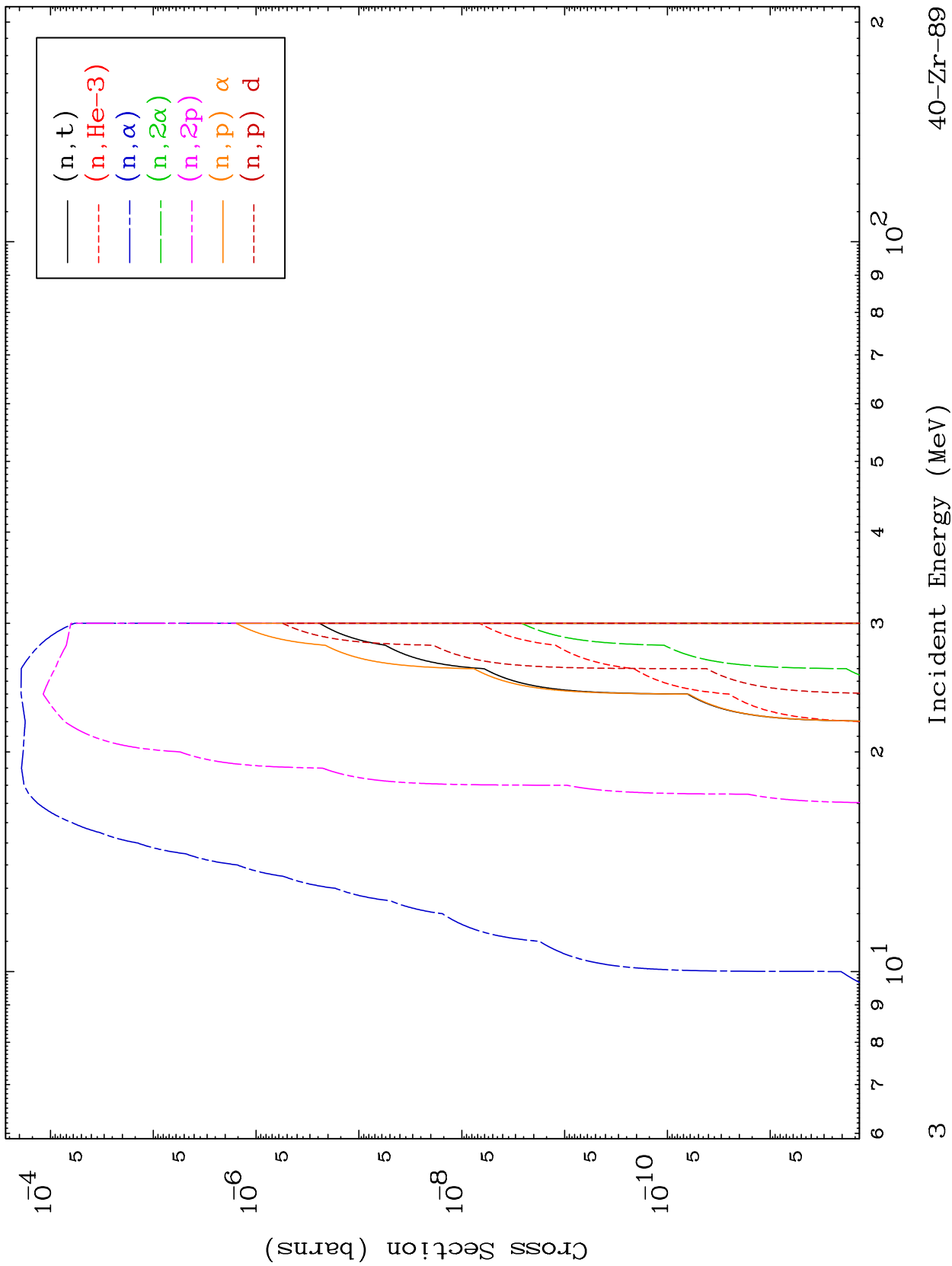
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



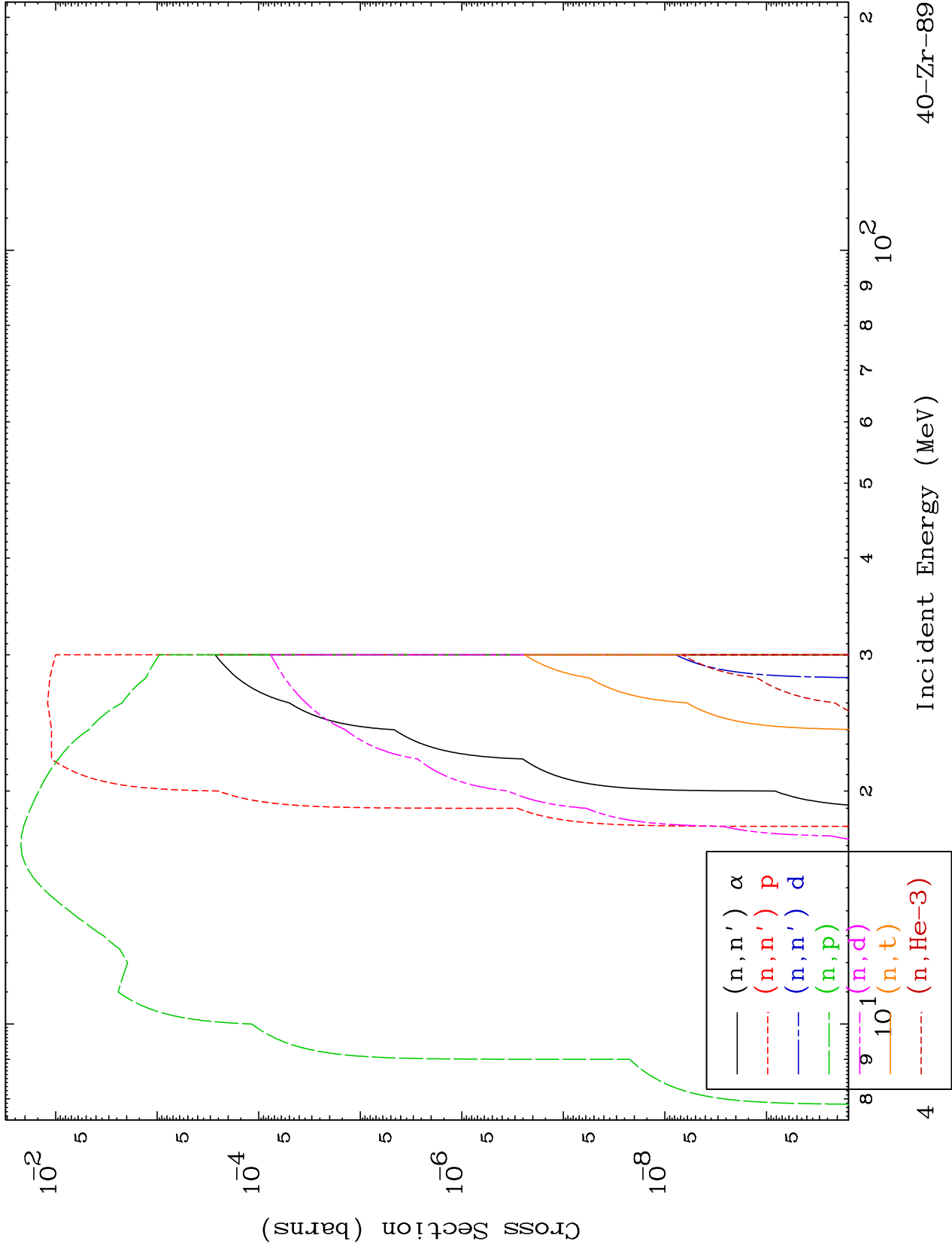
Photon Neutron Absorption
0 Kelvin Cross Sections

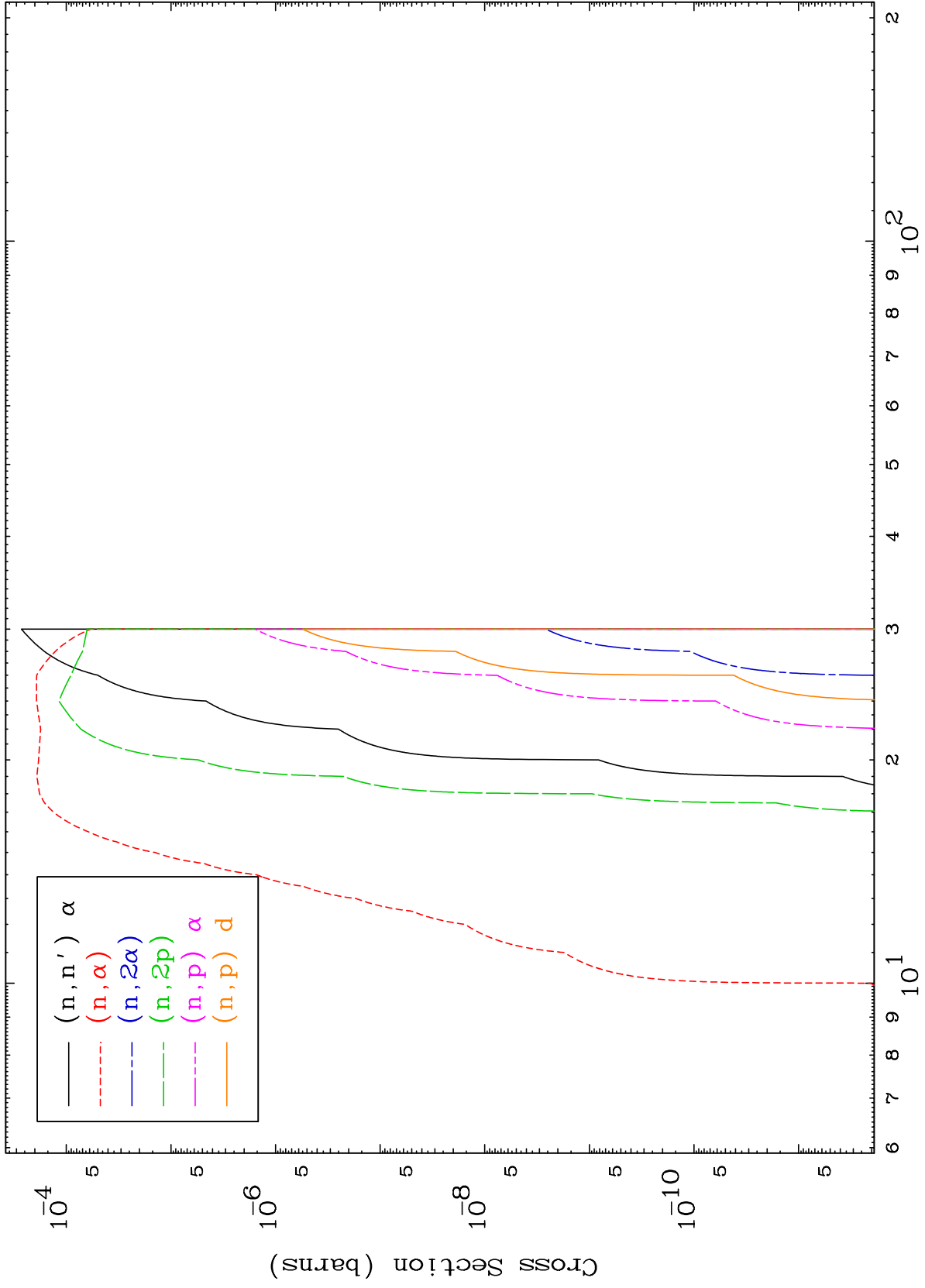


MAT 4022

Photon Charged Particle
0 Kelvin Cross Sections

40-Zr-89



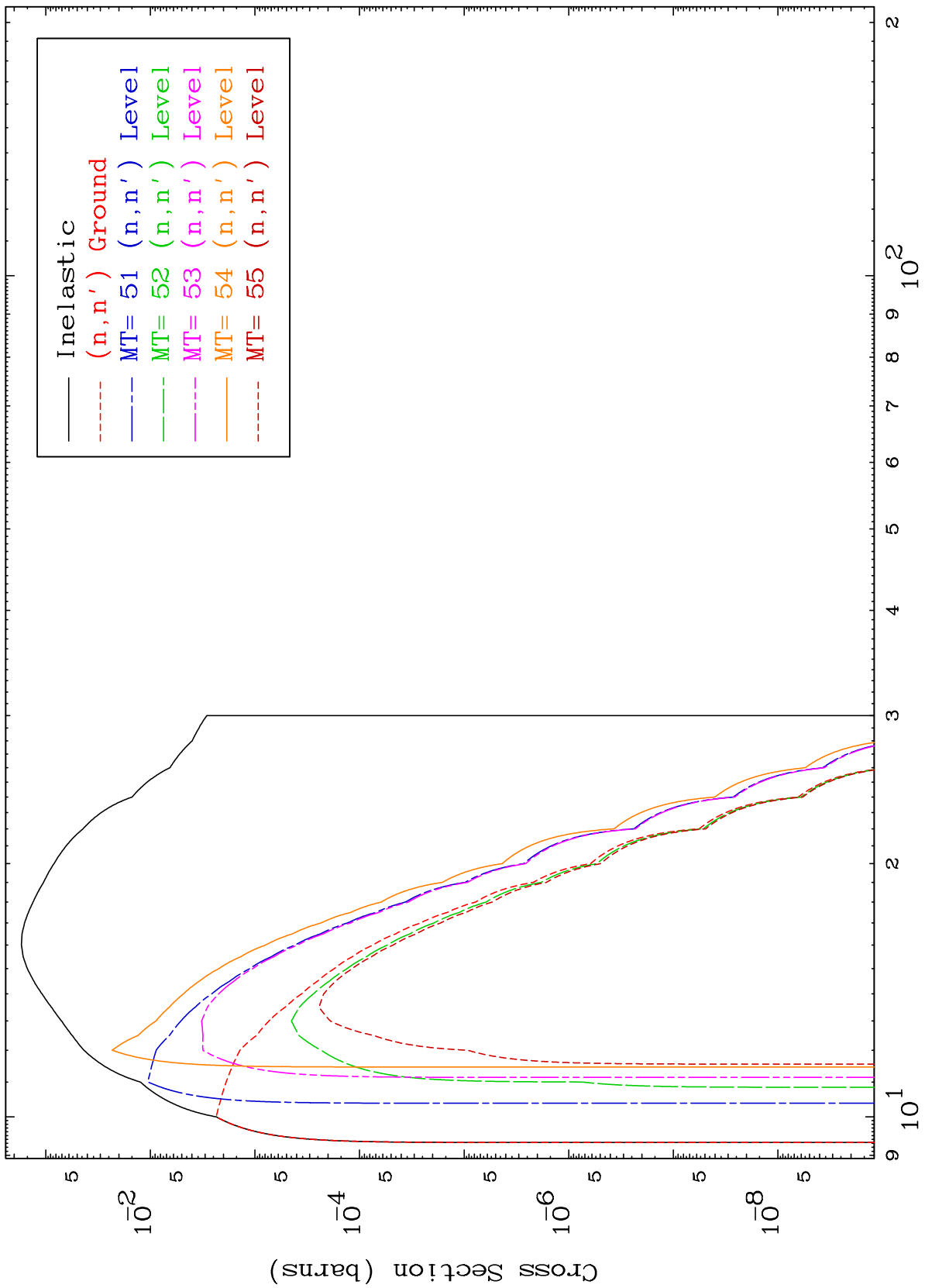


MAT 4022

(γ, n') Levels

40-Zr-89

0 Kelvin Cross Sections



Incident Energy (MeV)

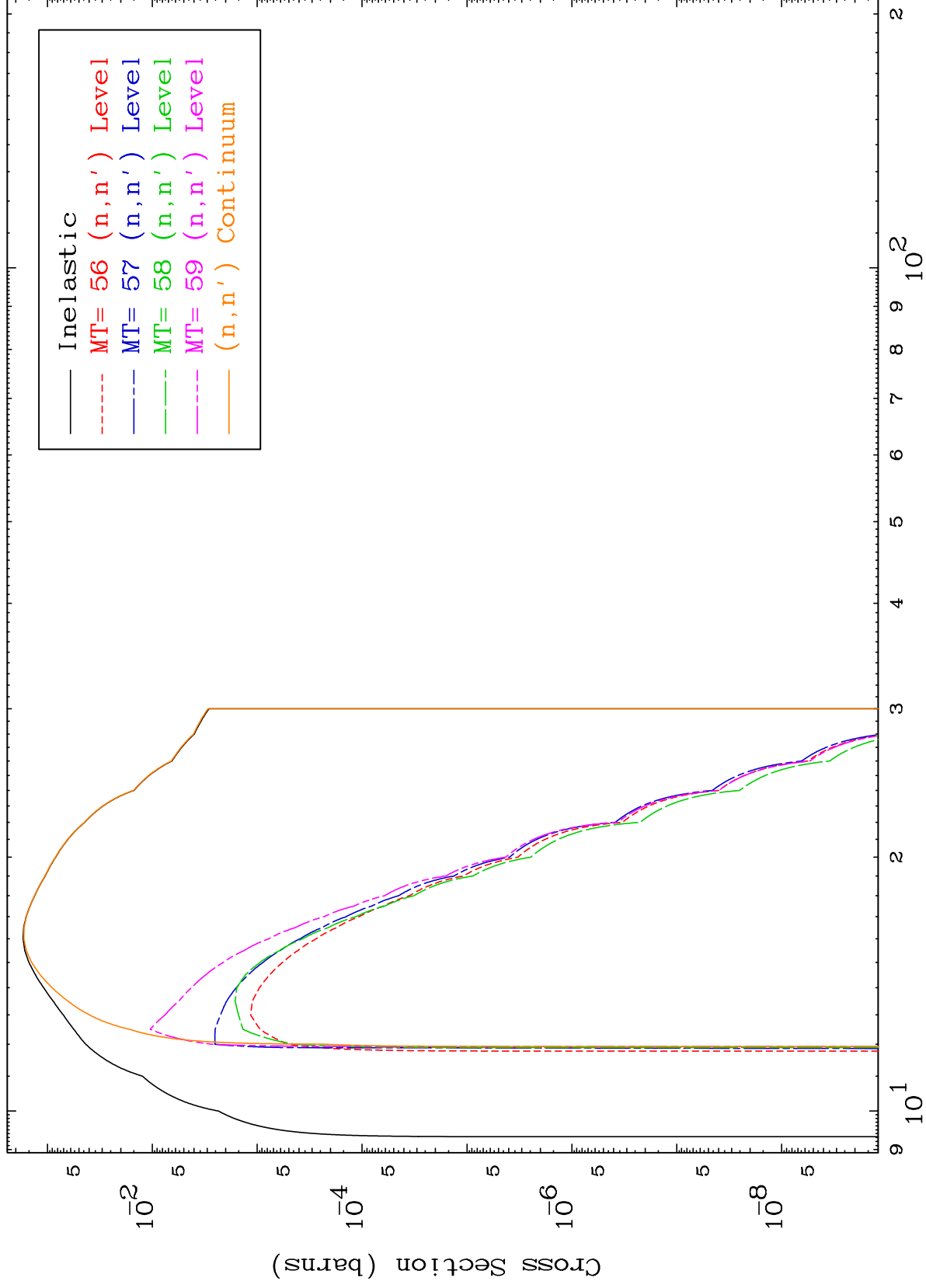
40-Zr-89

MAT 4022

(γ, n') Levels

40-Zr-89

0 Kelvin Cross Sections



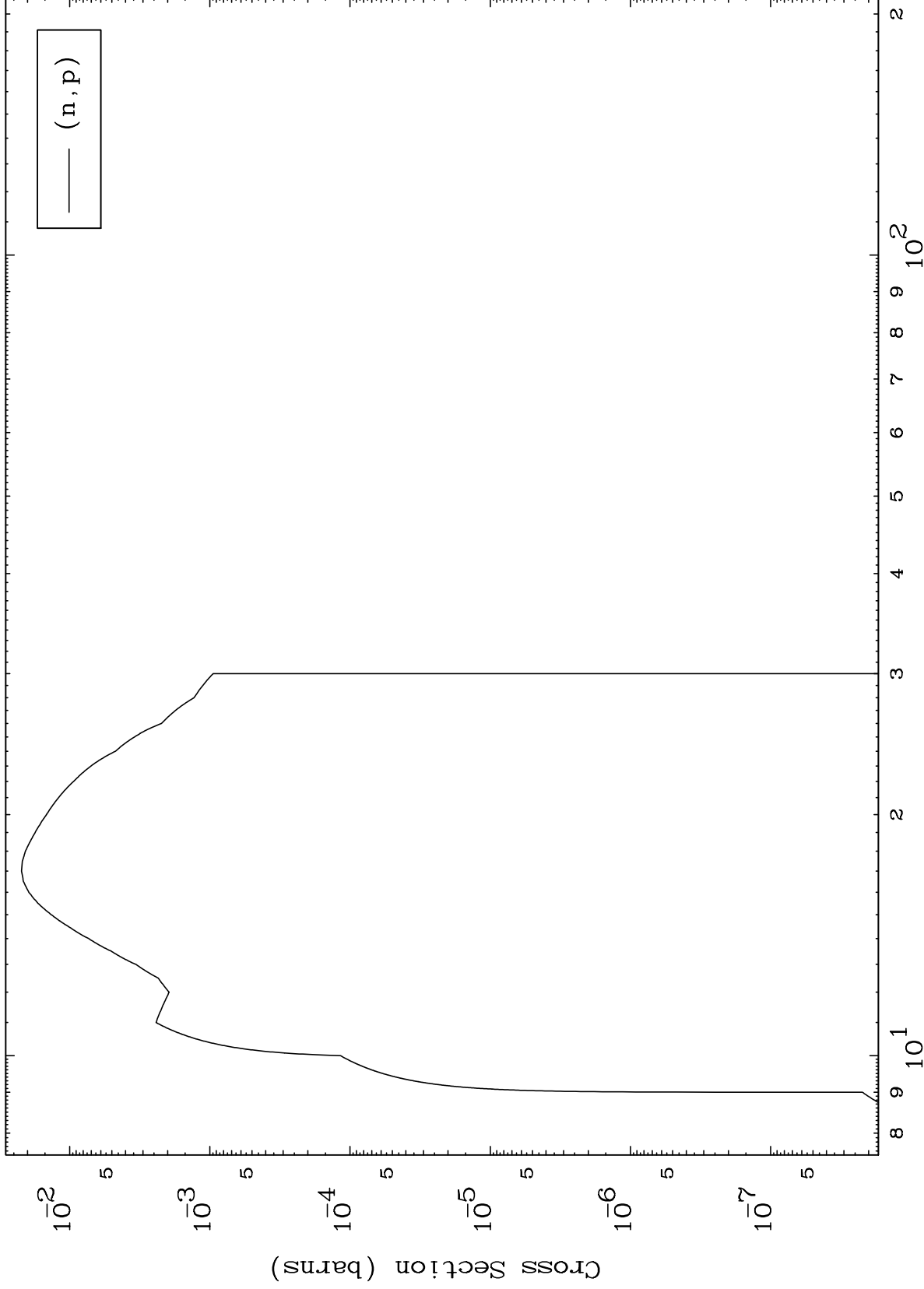
Incident Energy (MeV)

40-Zr-89

MAT 4022

(γ, p) Levels
0 Kelvin Cross Sections

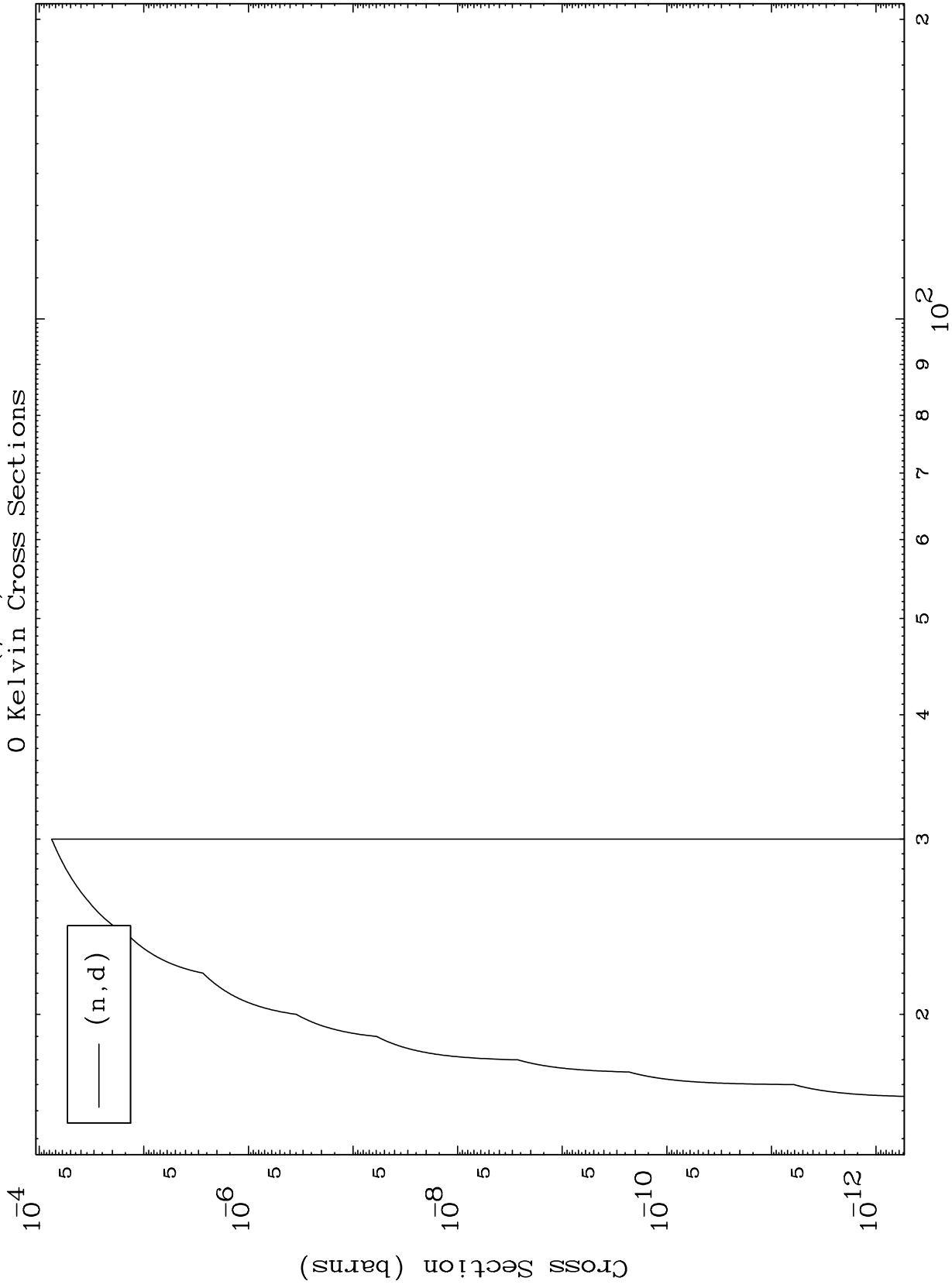
40-Zr-89



8

Incident Energy (MeV)

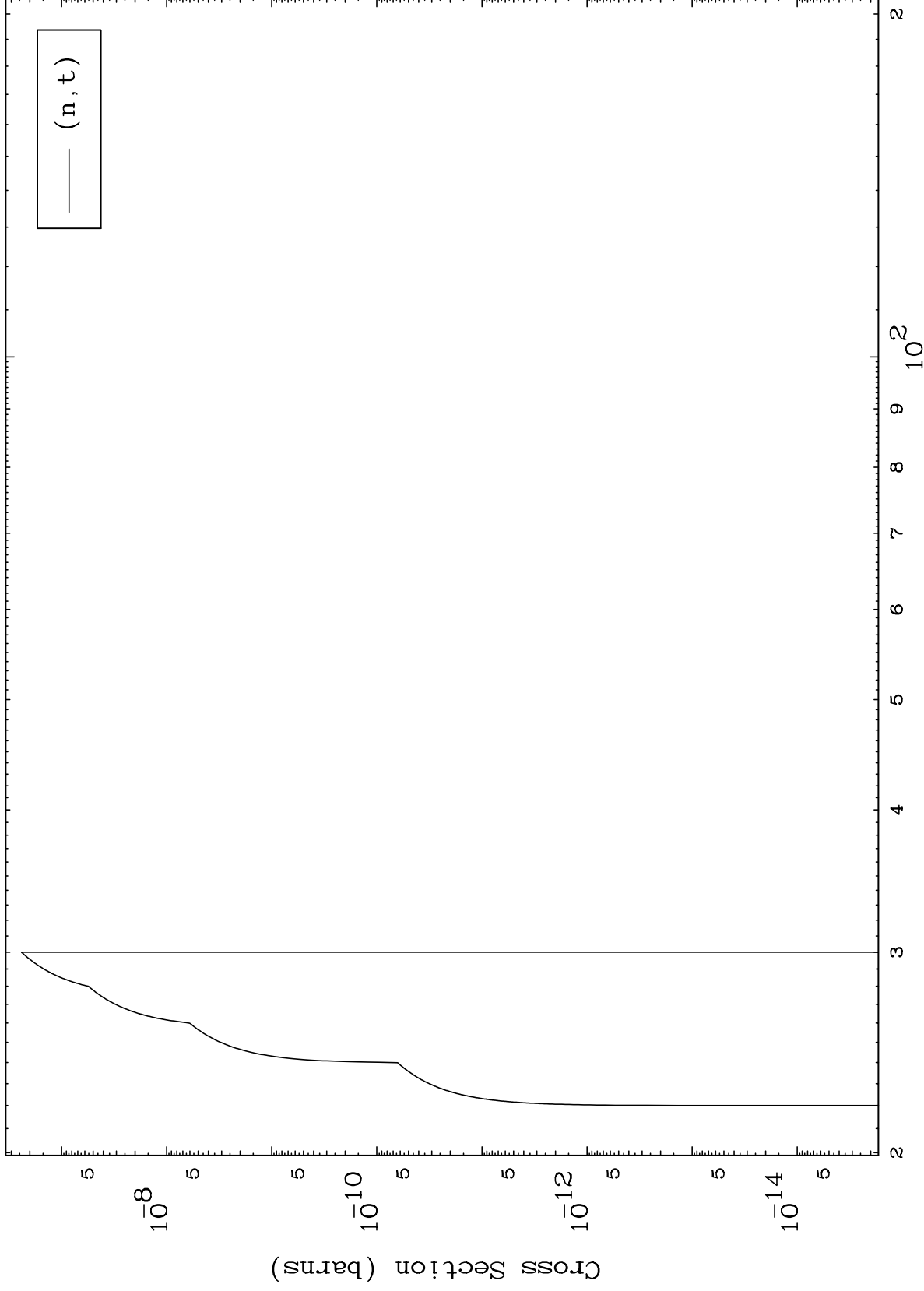
40-Zr-89



MAT 4022

(γ, t) Levels
0 Kelvin Cross Sections

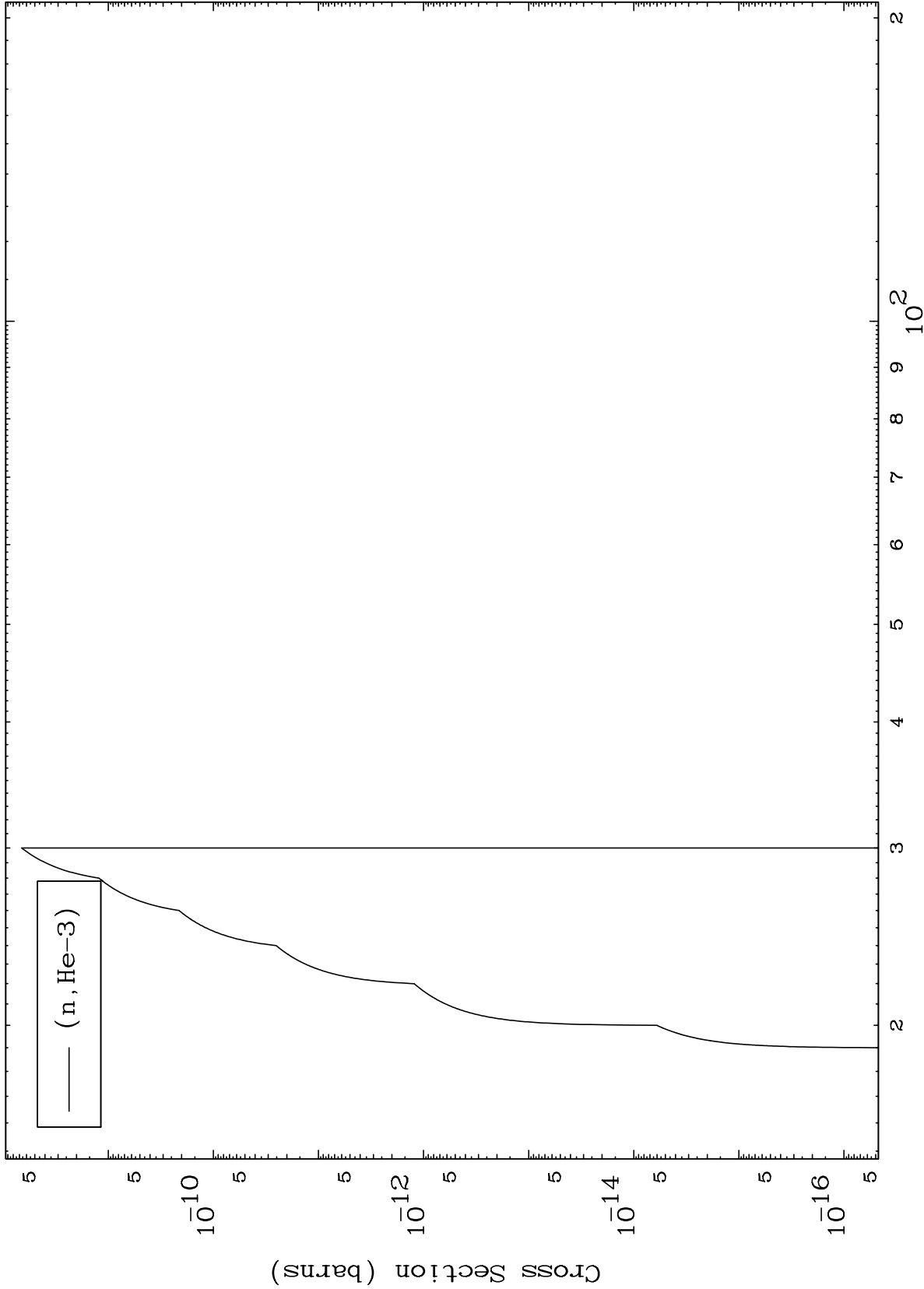
40-Zr-89



10

Incident Energy (MeV)

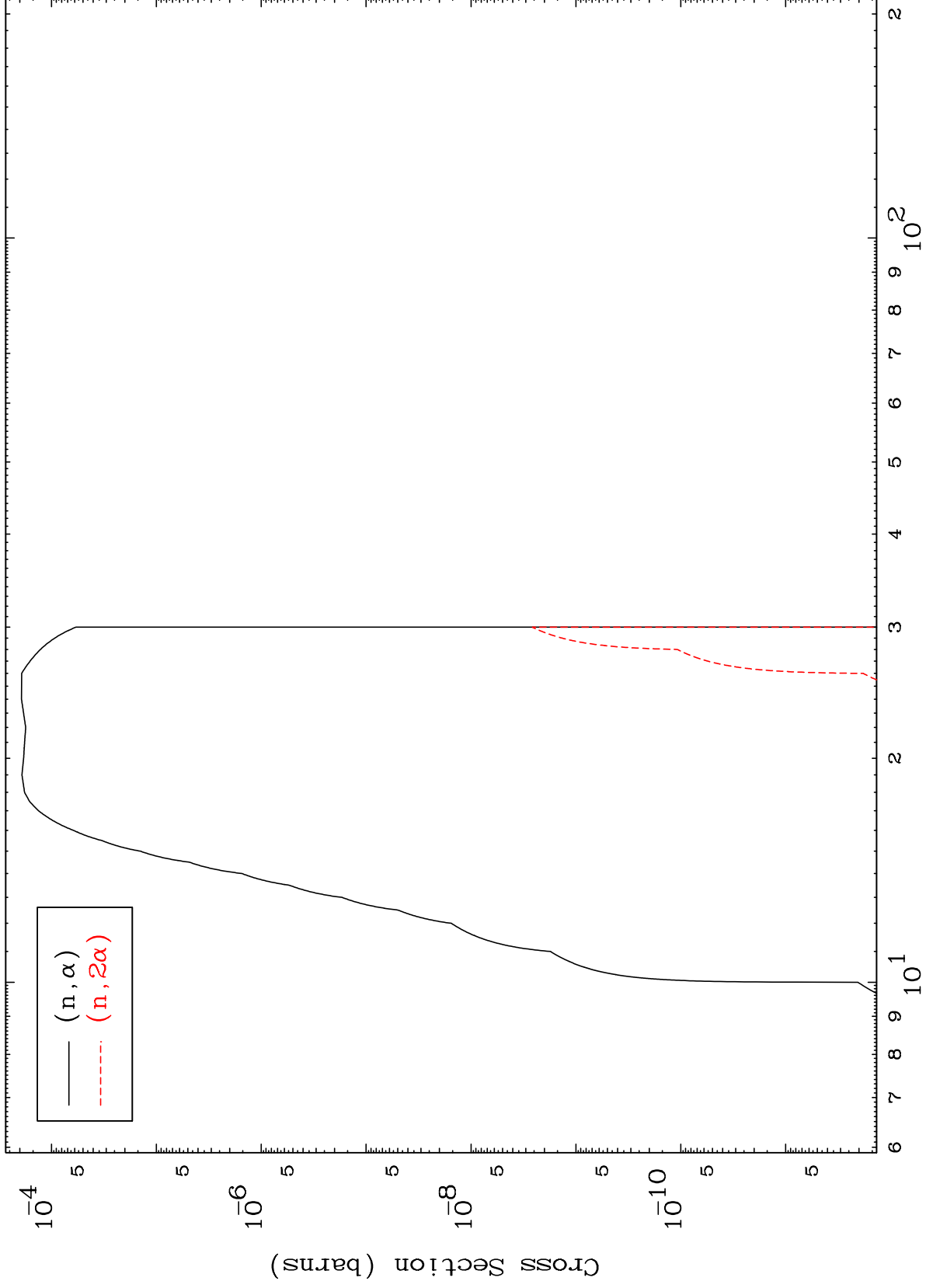
40-Zr-89



MAT 4022

(γ, α) Levels
0 Kelvin Cross Sections

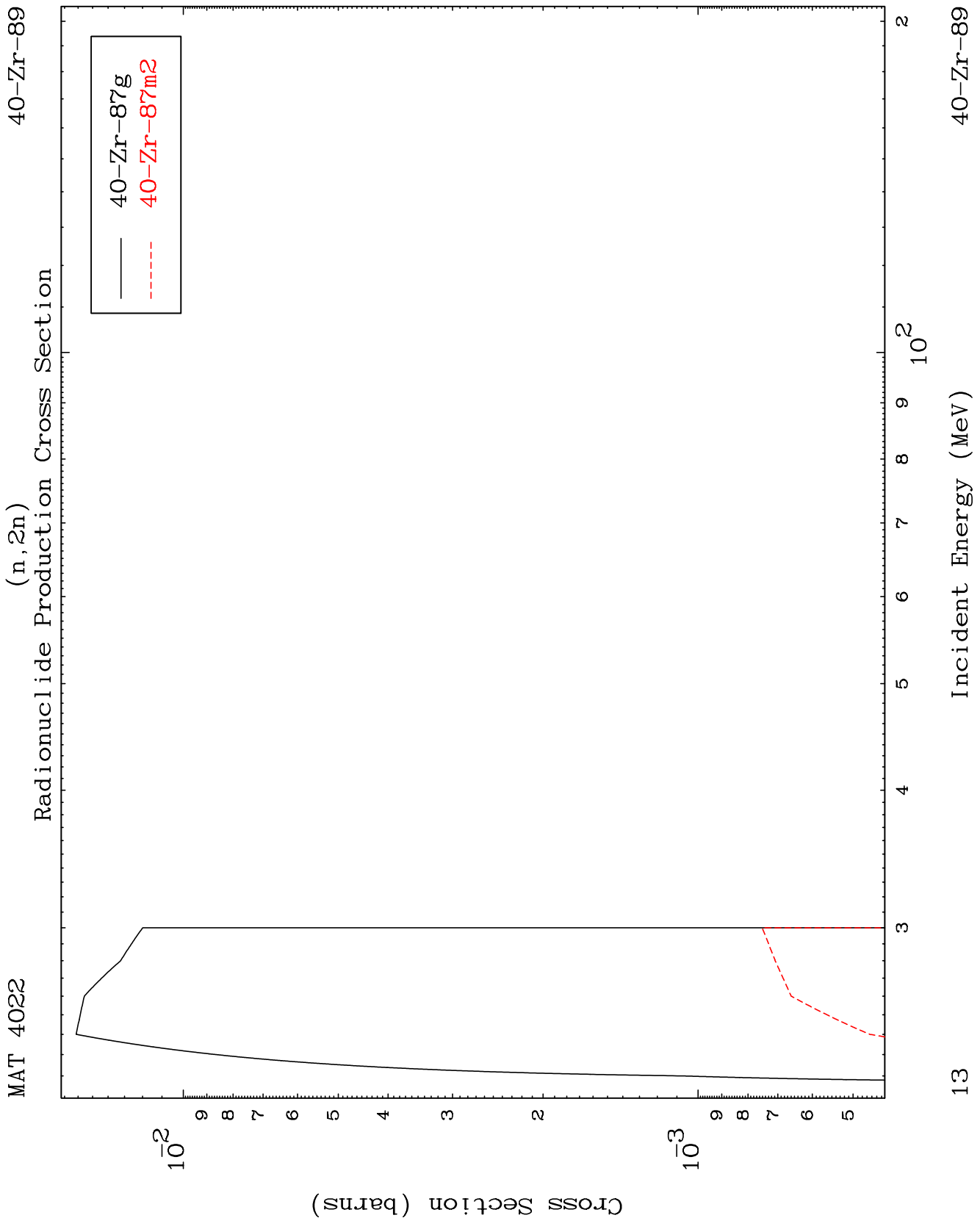
40-Zr-89

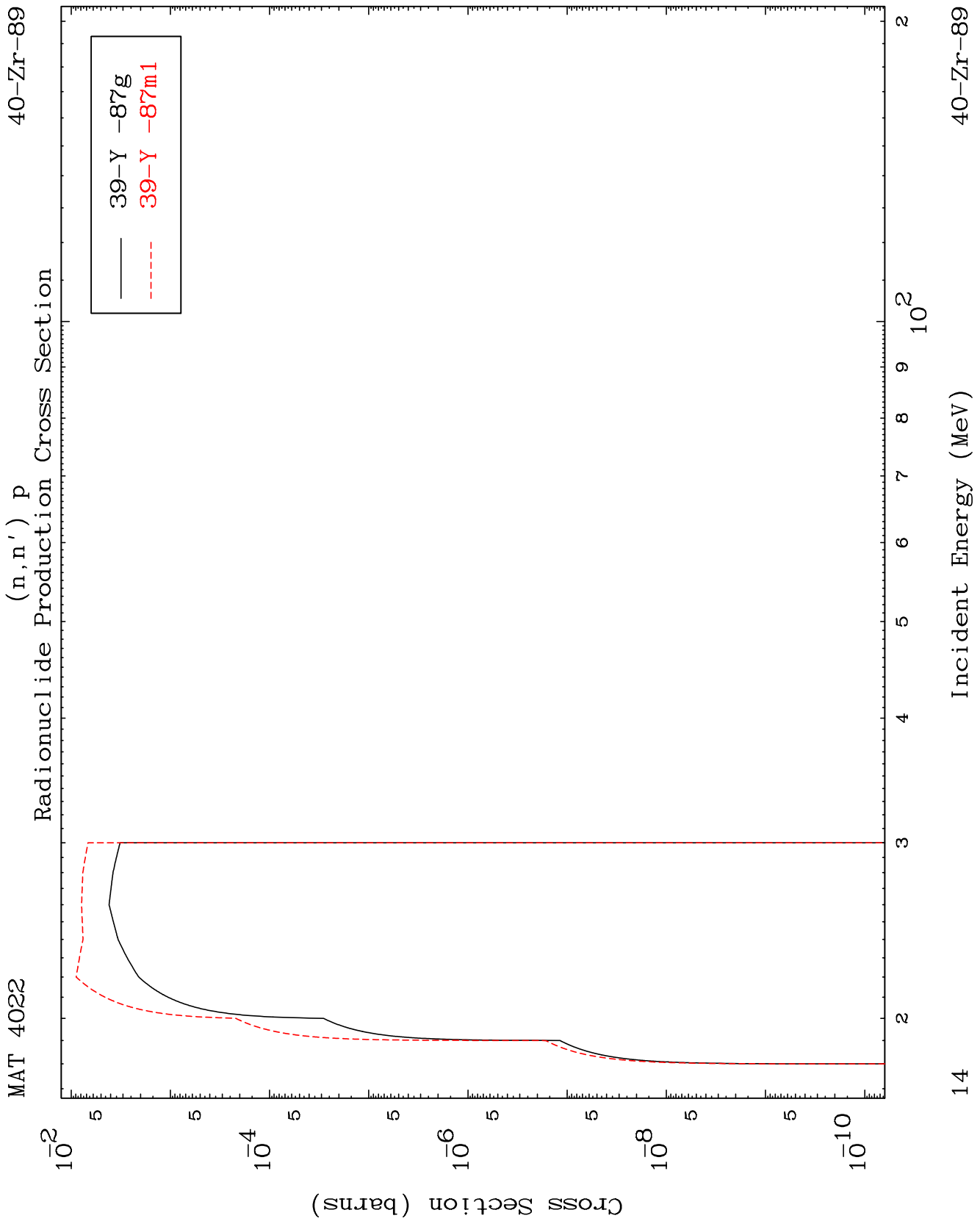


12

Incident Energy (MeV)

40-Zr-89



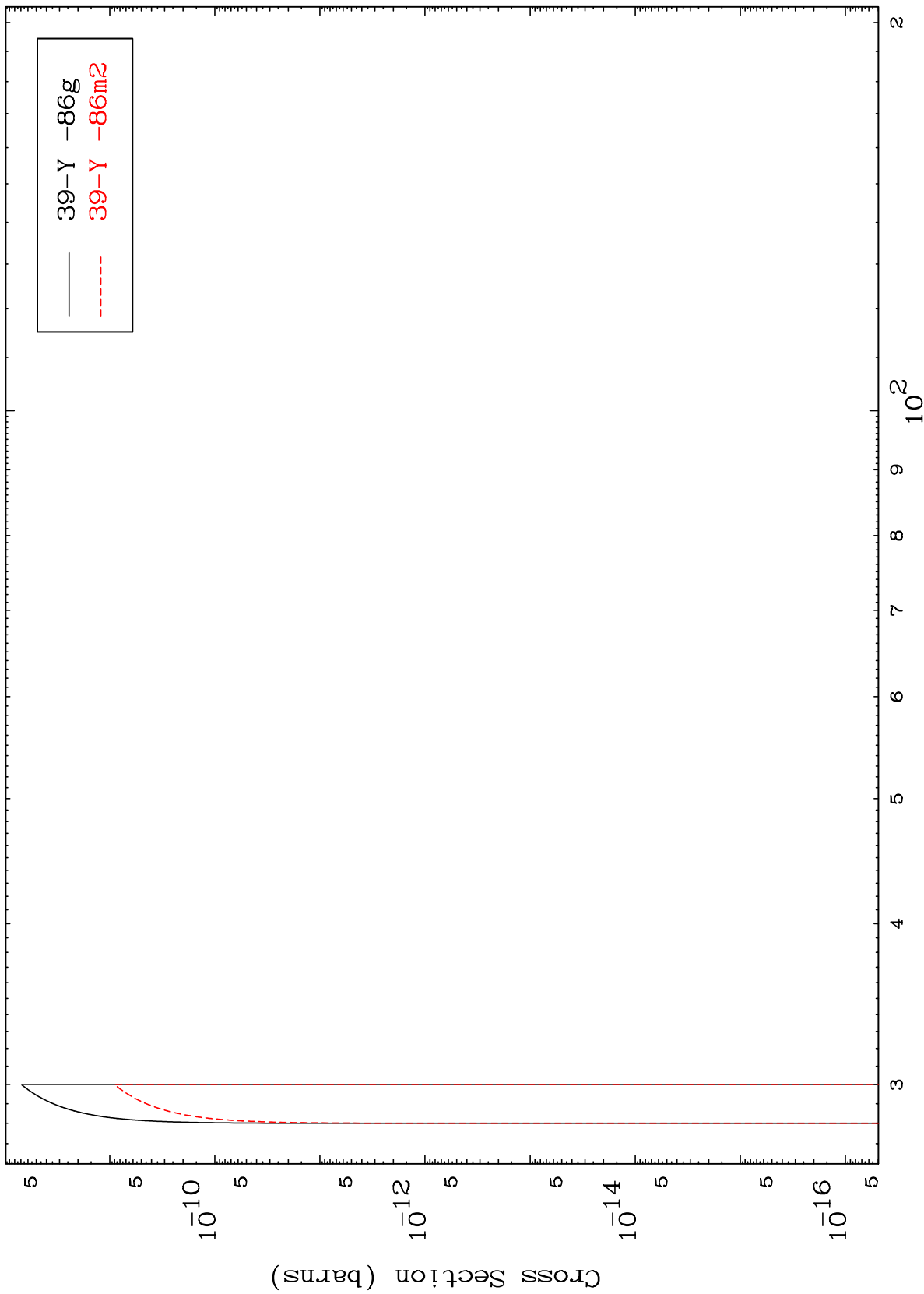


MAT 4022

(n,n') d

40-Zr-89

Radionuclide Production Cross Section



15

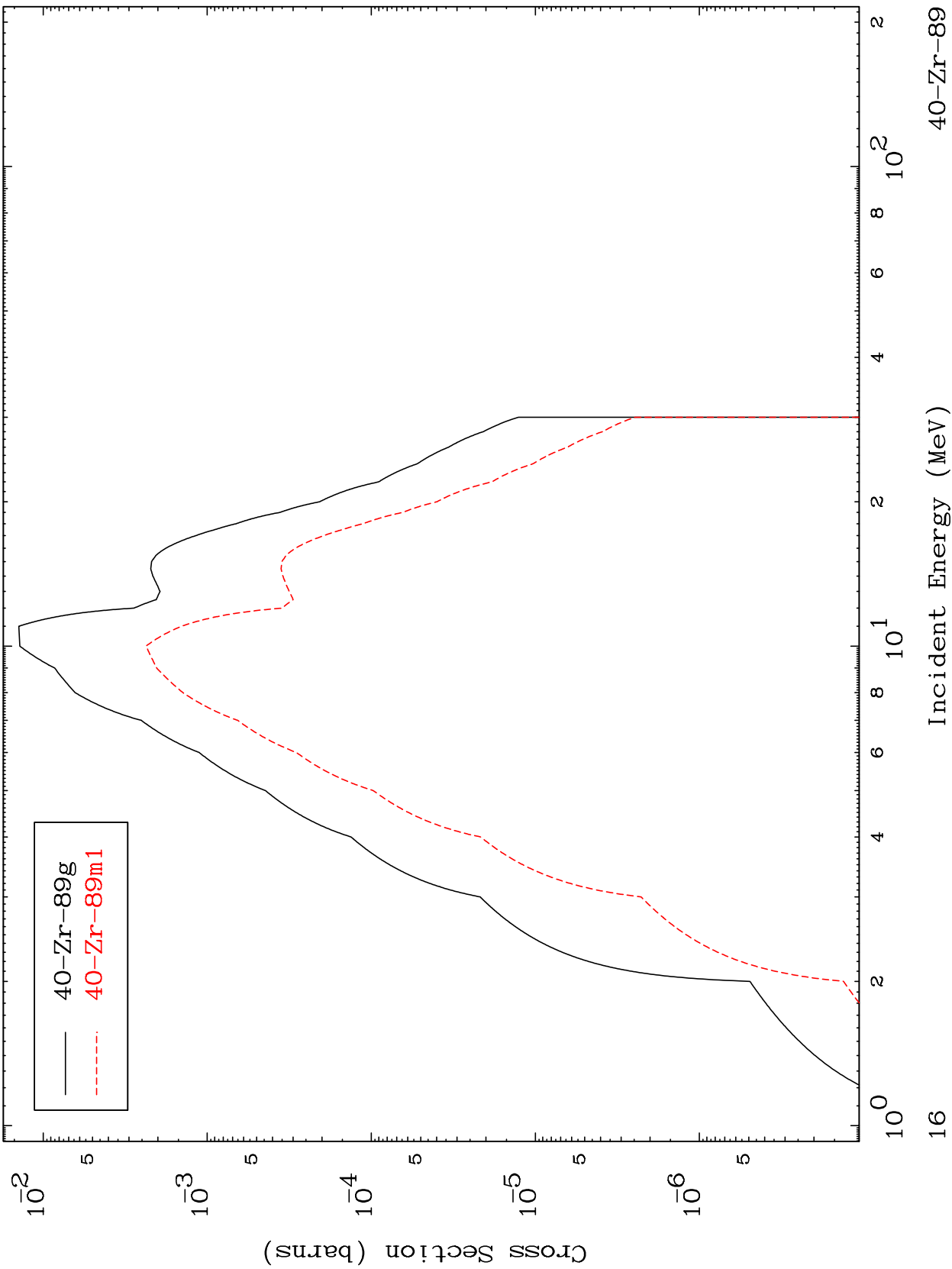
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

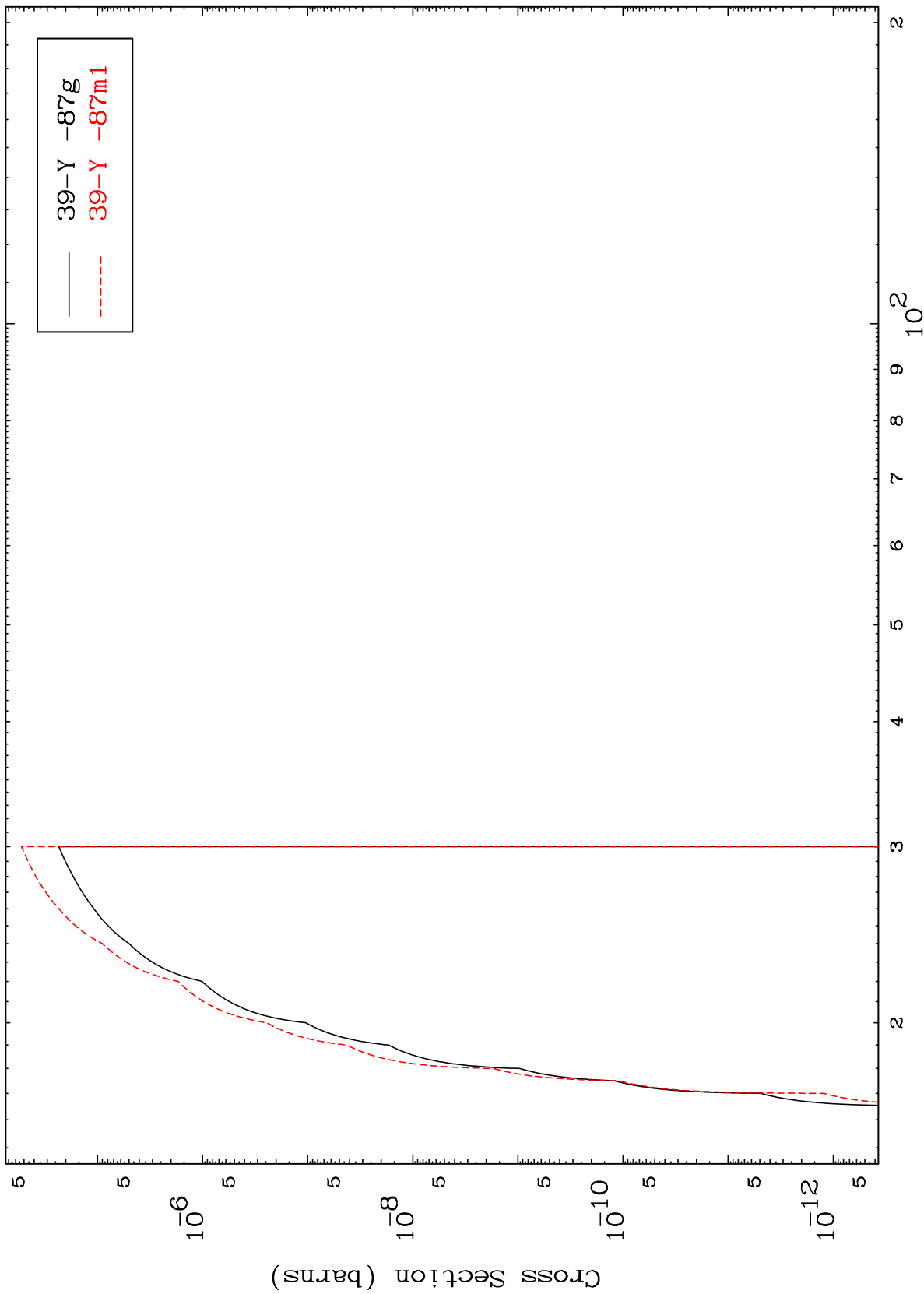
Radionuclide Production Cross Section



40-Zr-89

Incident Energy (MeV)

(n,d)
Radionuclide Production Cross Section

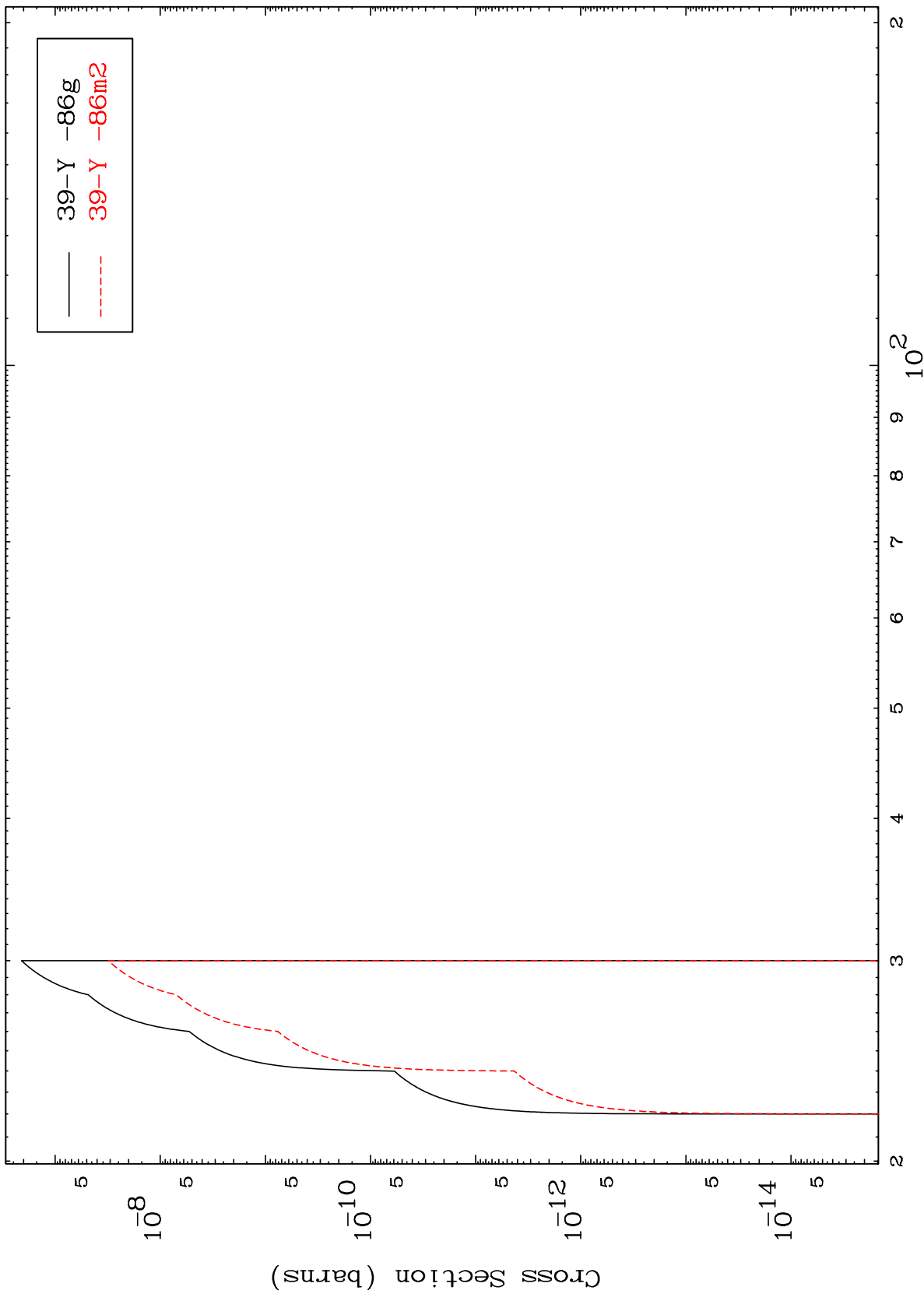


39-Y -87g
39-Y -87m1

MAT 4022

40-Zr-89

(n,t)
Radionuclide Production Cross Section



40-Zr-89

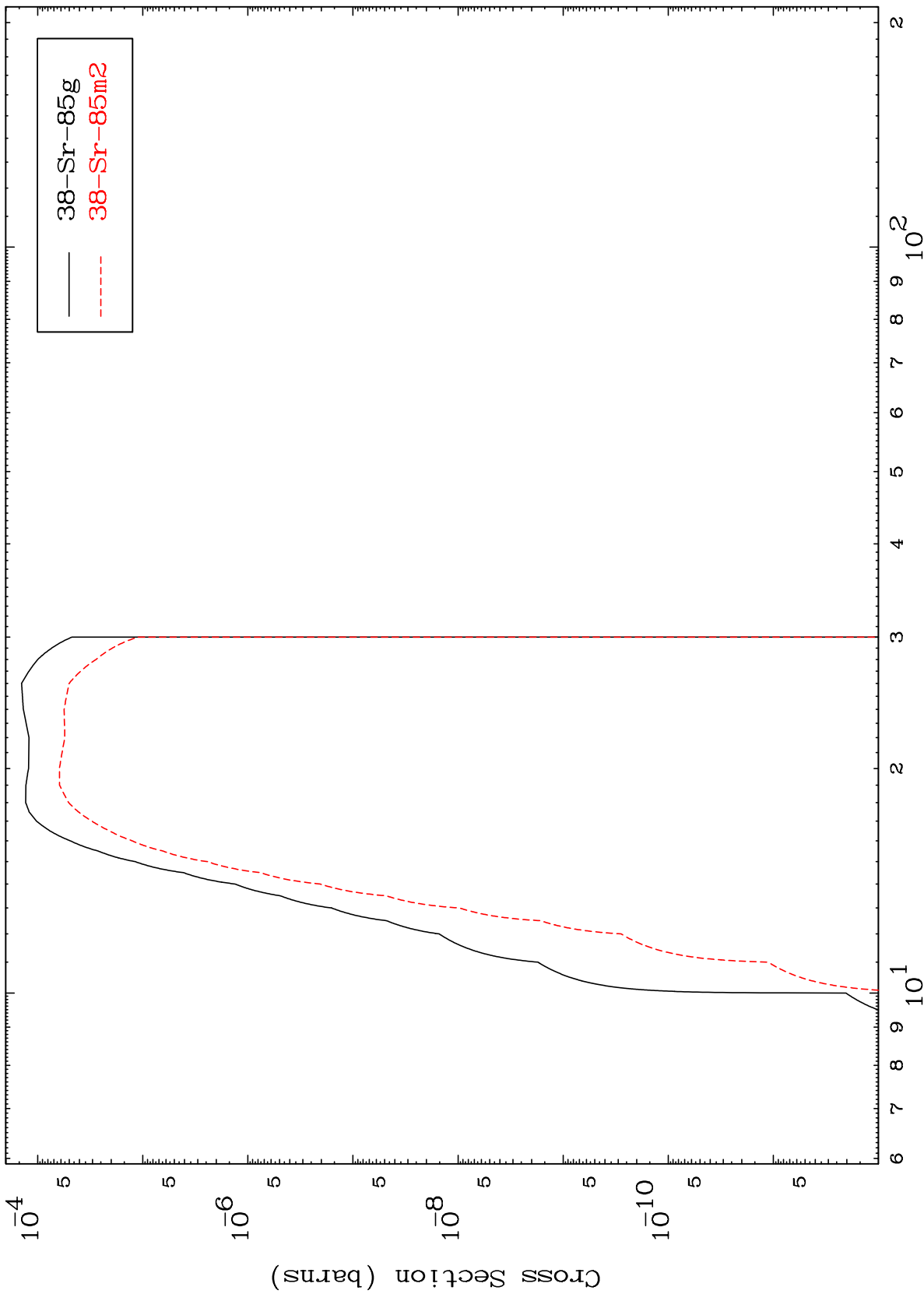
Incident Energy (MeV)

18

MAT 4022

40-Zr-89

(n, α)
Radionuclide Production Cross Section

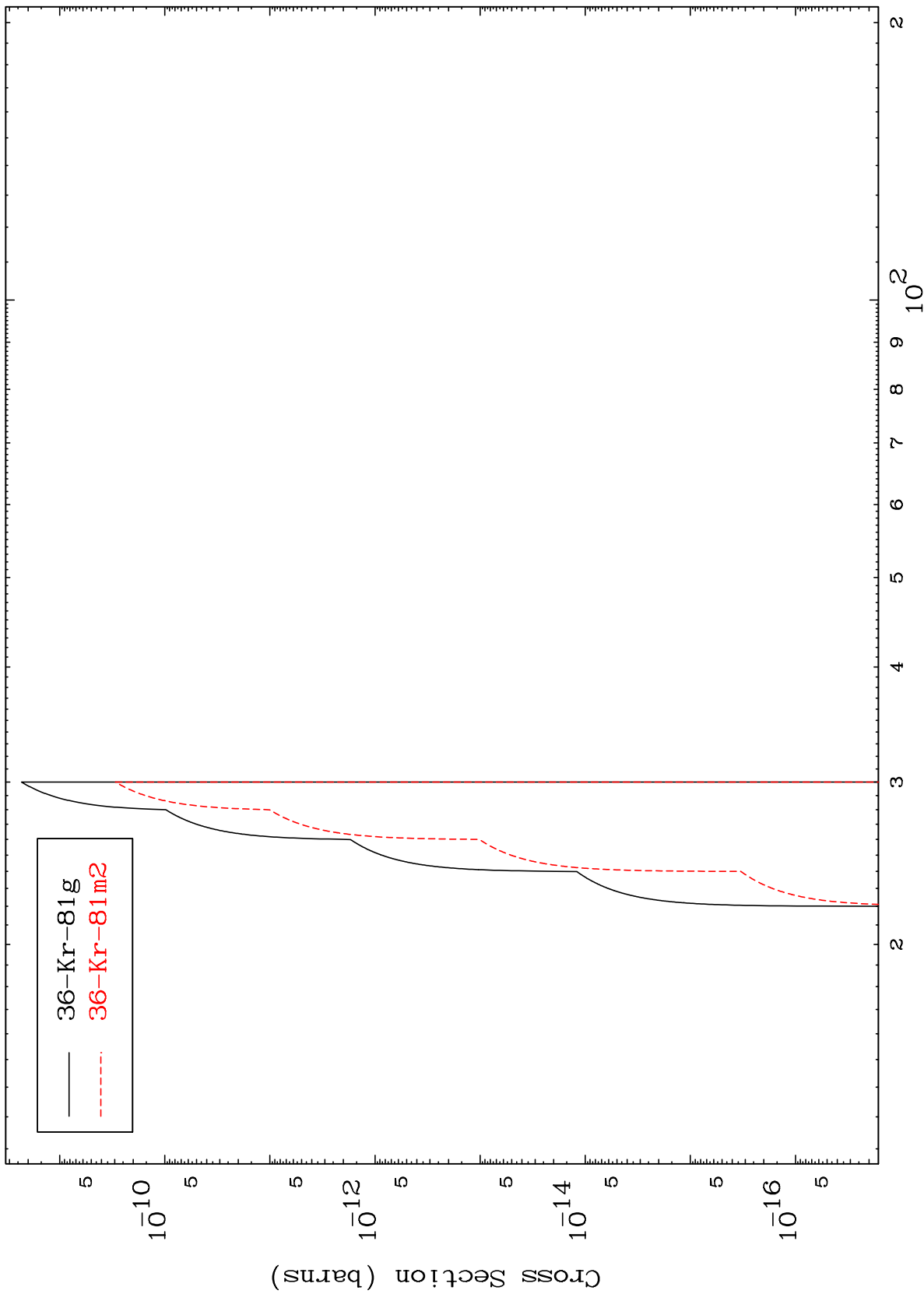


19

Incident Energy (MeV)

40-Zr-89

Radionuclide Production Cross Section
(n,2α)

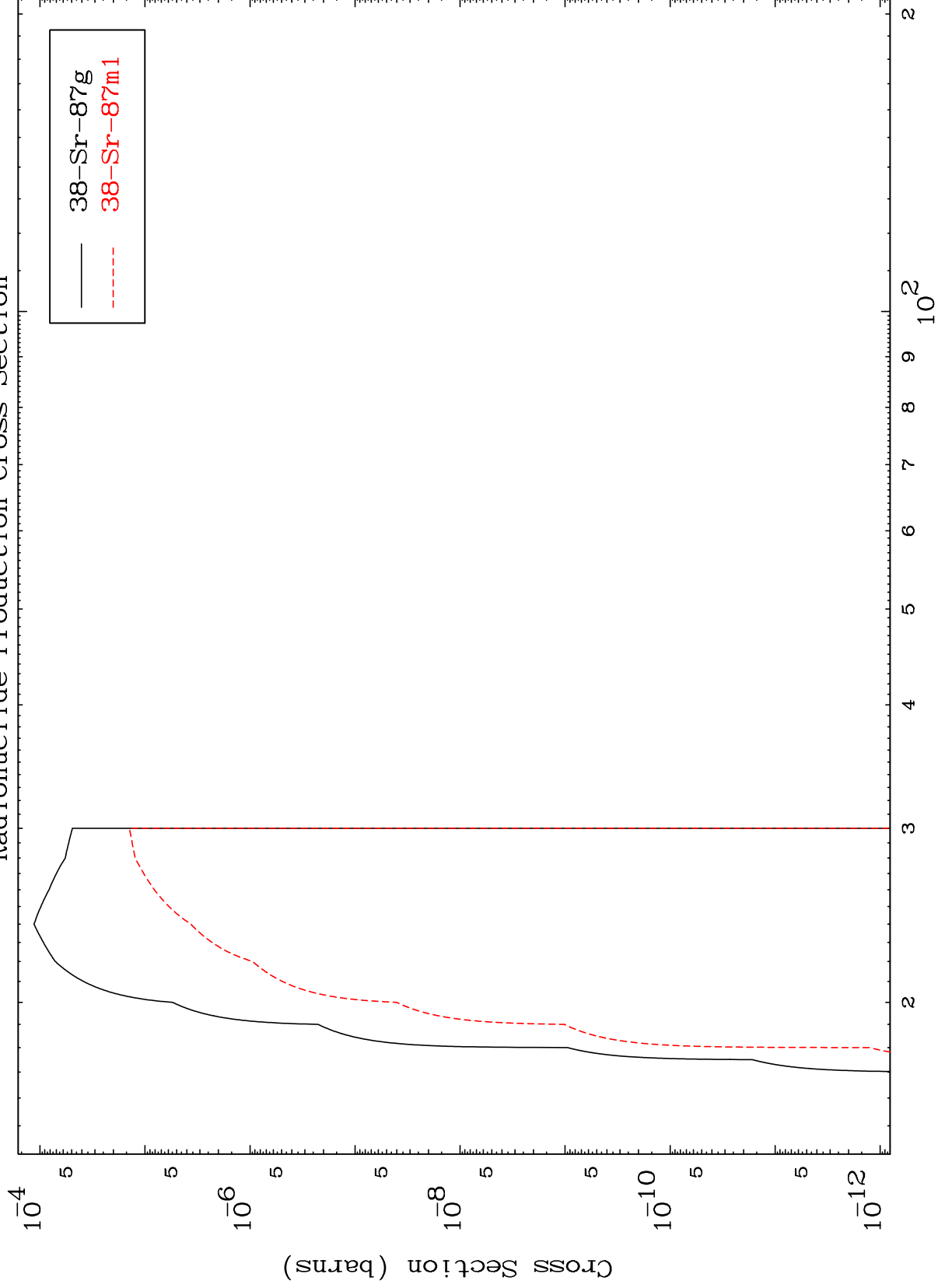


MAT 4022

(n,2p)

40-Zr-89

Radionuclide Production Cross Section



21

Incident Energy (MeV)

40-Zr-89

MAT 4022

(n,p) α

40-Zr-89

