

Program EVALPLOT
(Version 2017-1)

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

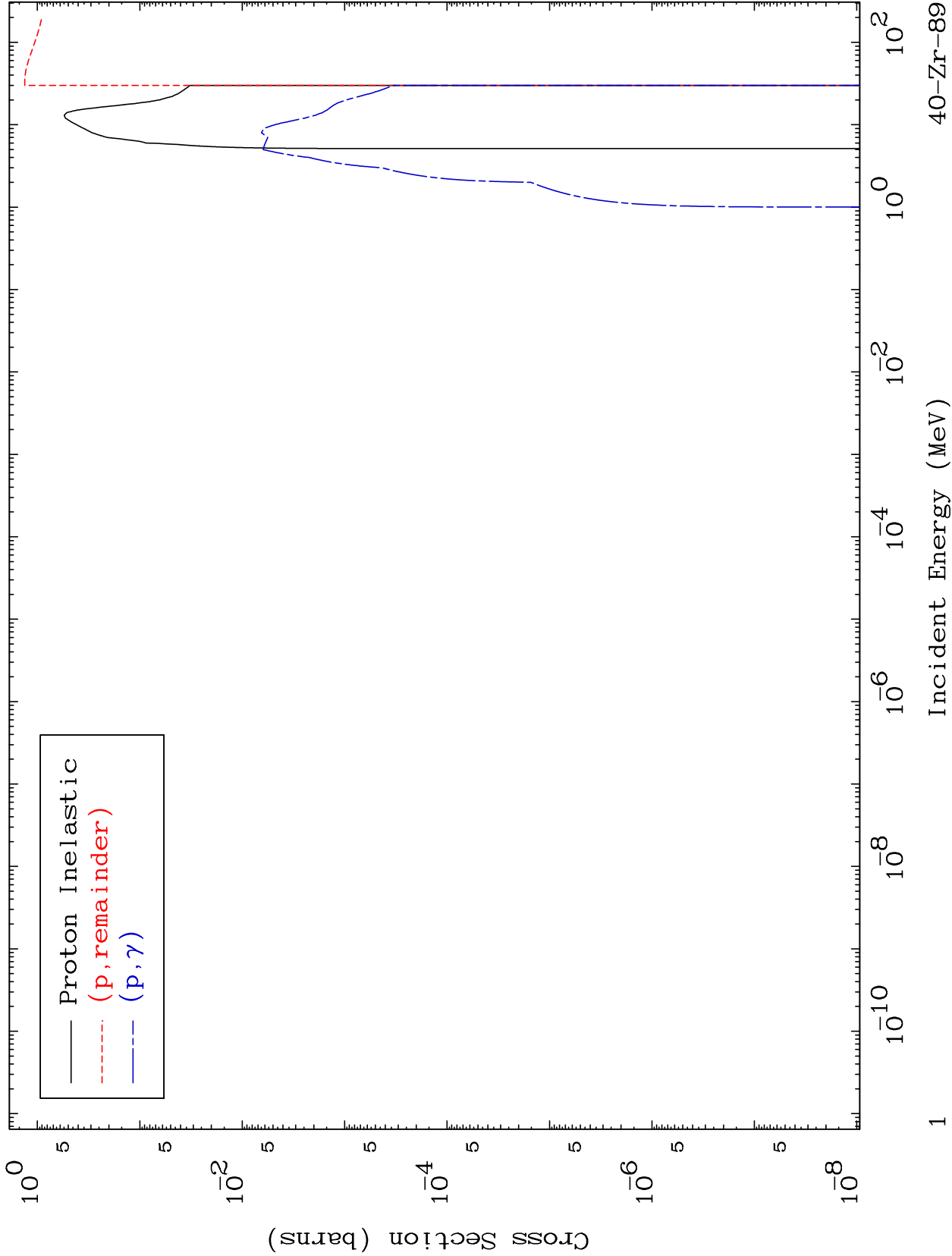
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4022

Proton Major
0 Kelvin Cross Sections

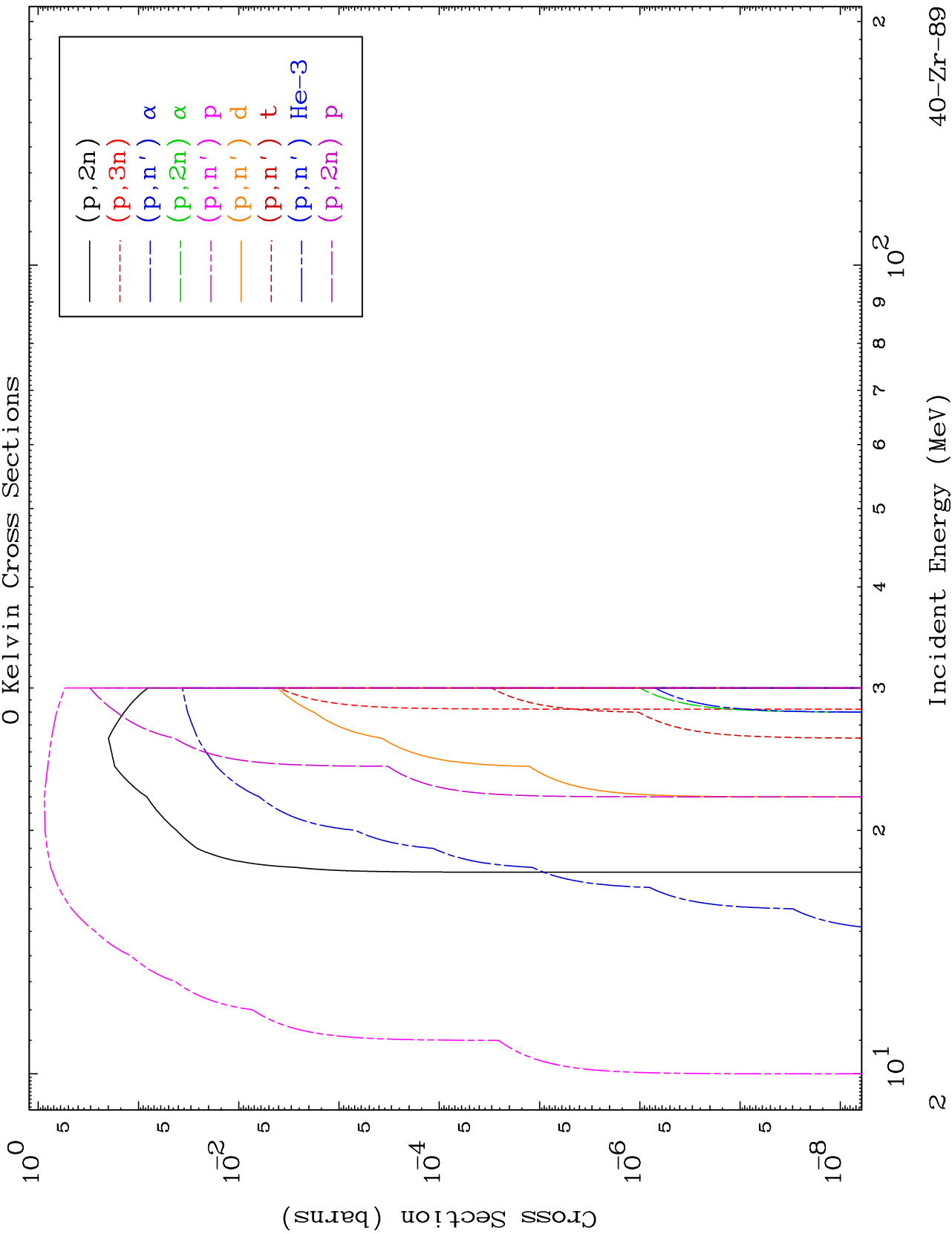
40-Zr-89



MAT 4022

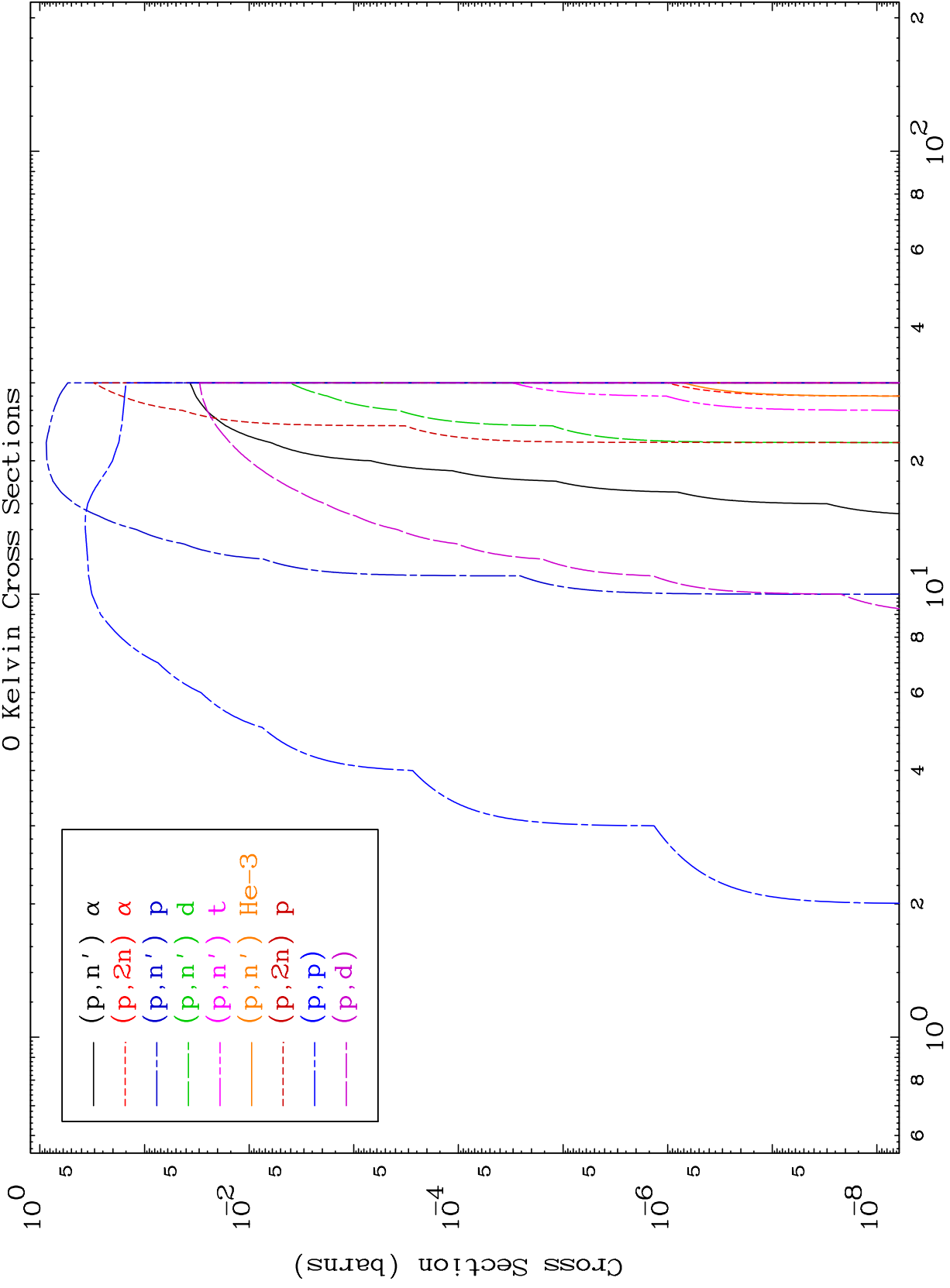
Proton Neutron Production
0 Kelvin Cross Sections

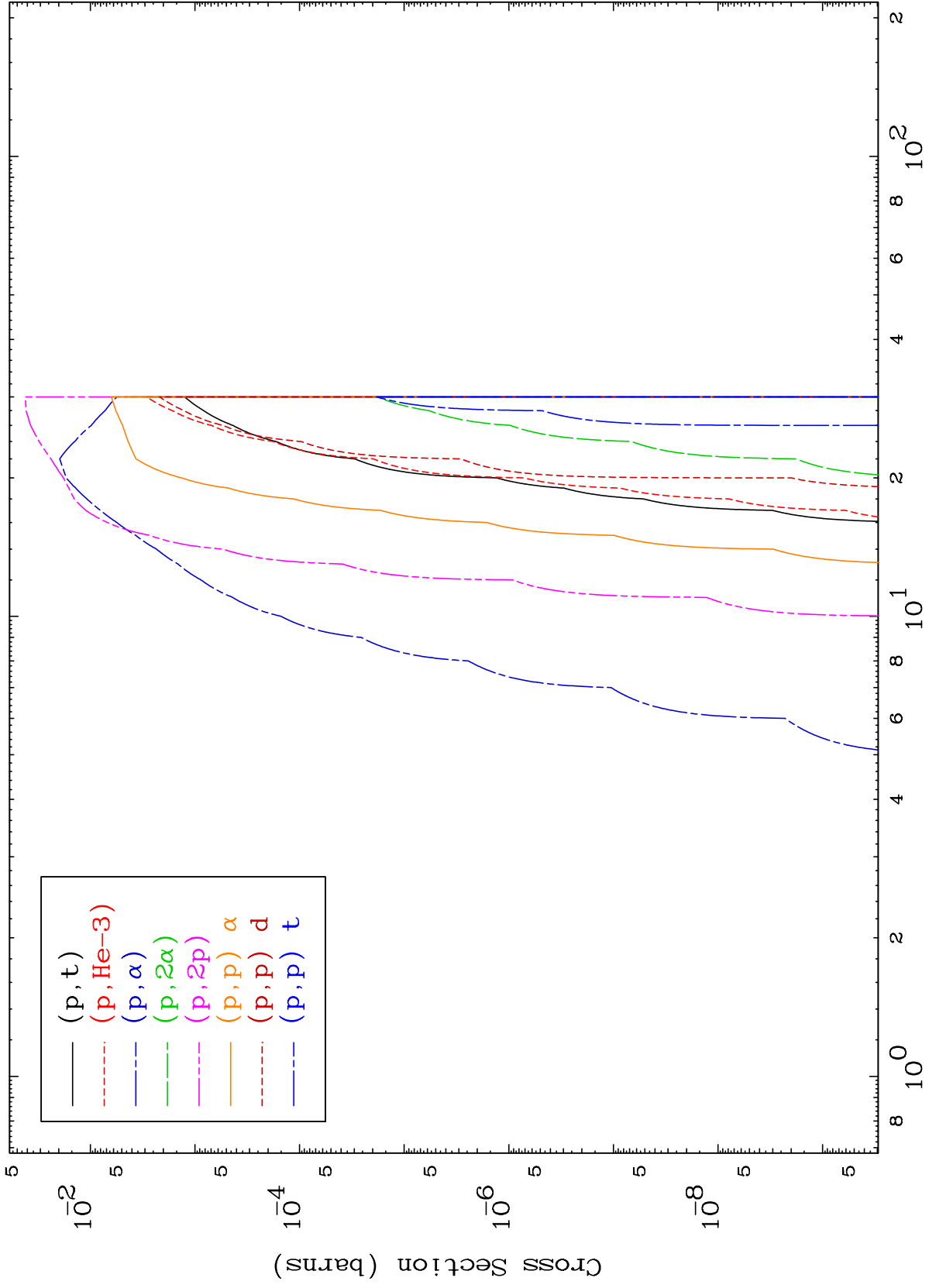
40-Zr-89



40-Zr-89

Incident Energy (MeV)

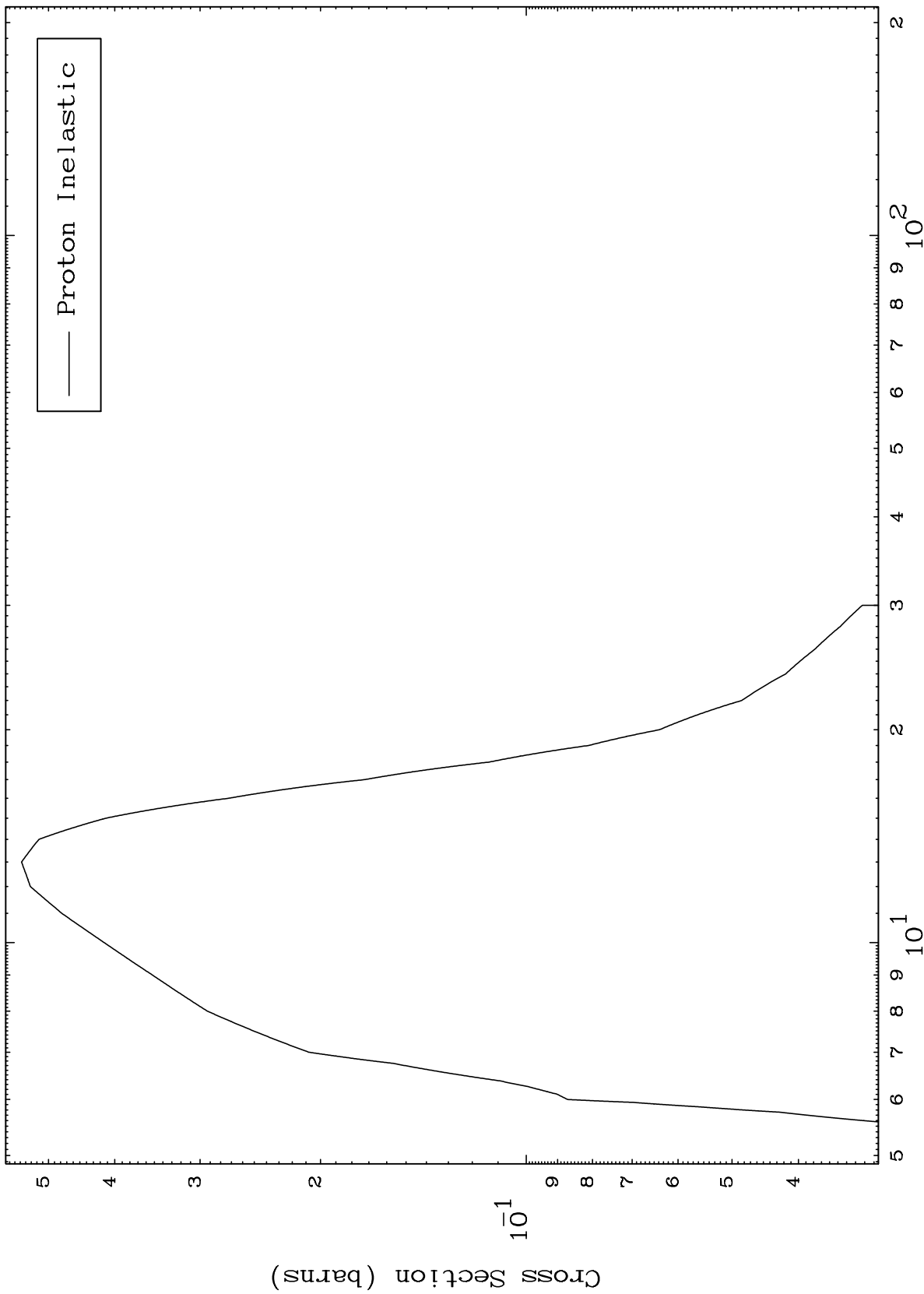




MAT 4022

40-Zr-89

(p,n') Level
0 Kelvin Cross Sections



— Proton Inelastic

40-Zr-89

Incident Energy (MeV)

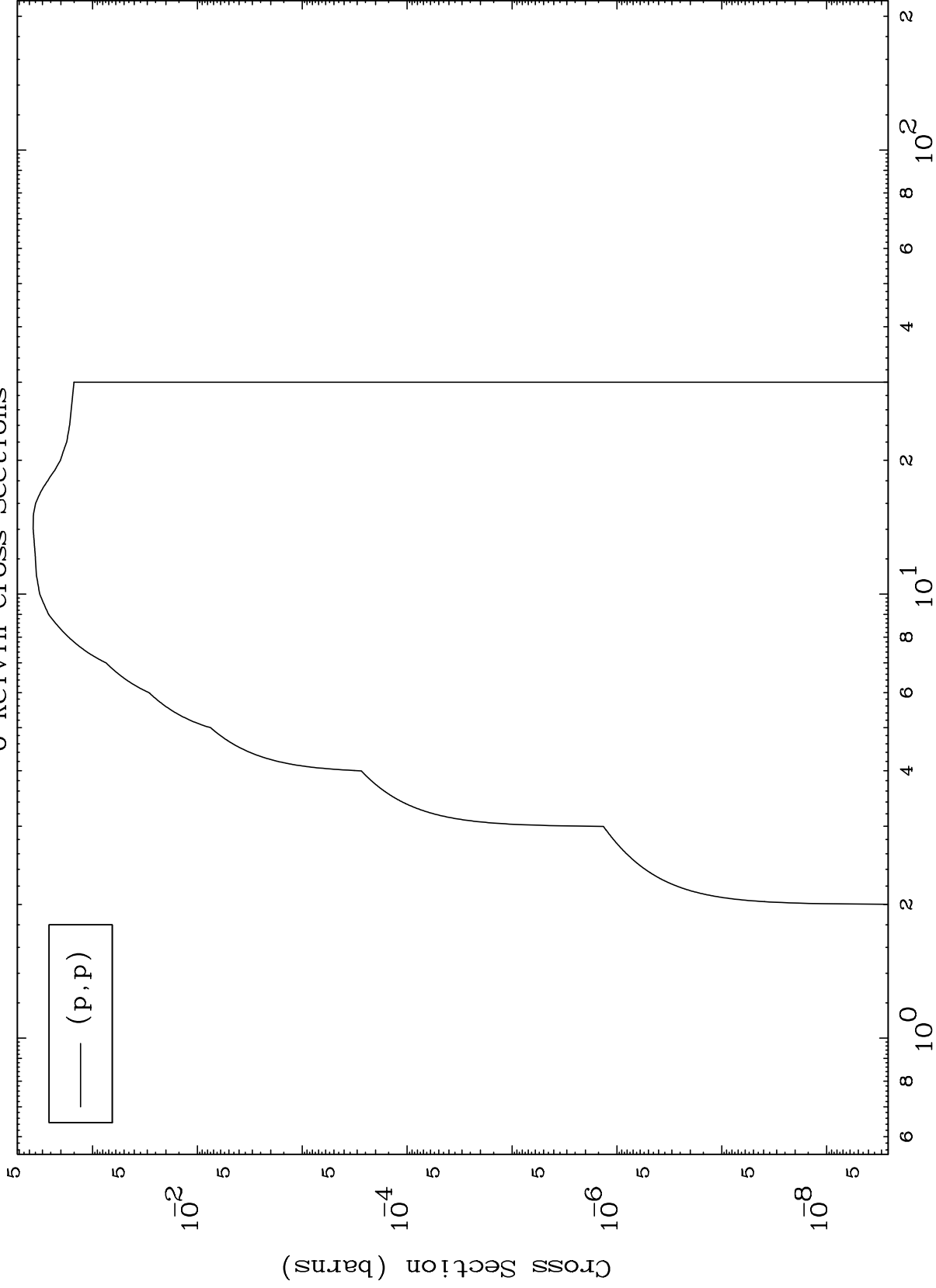
5

MAT 4022

(p,p) Levels

40-Zr-89

0 Kelvin Cross Sections



6

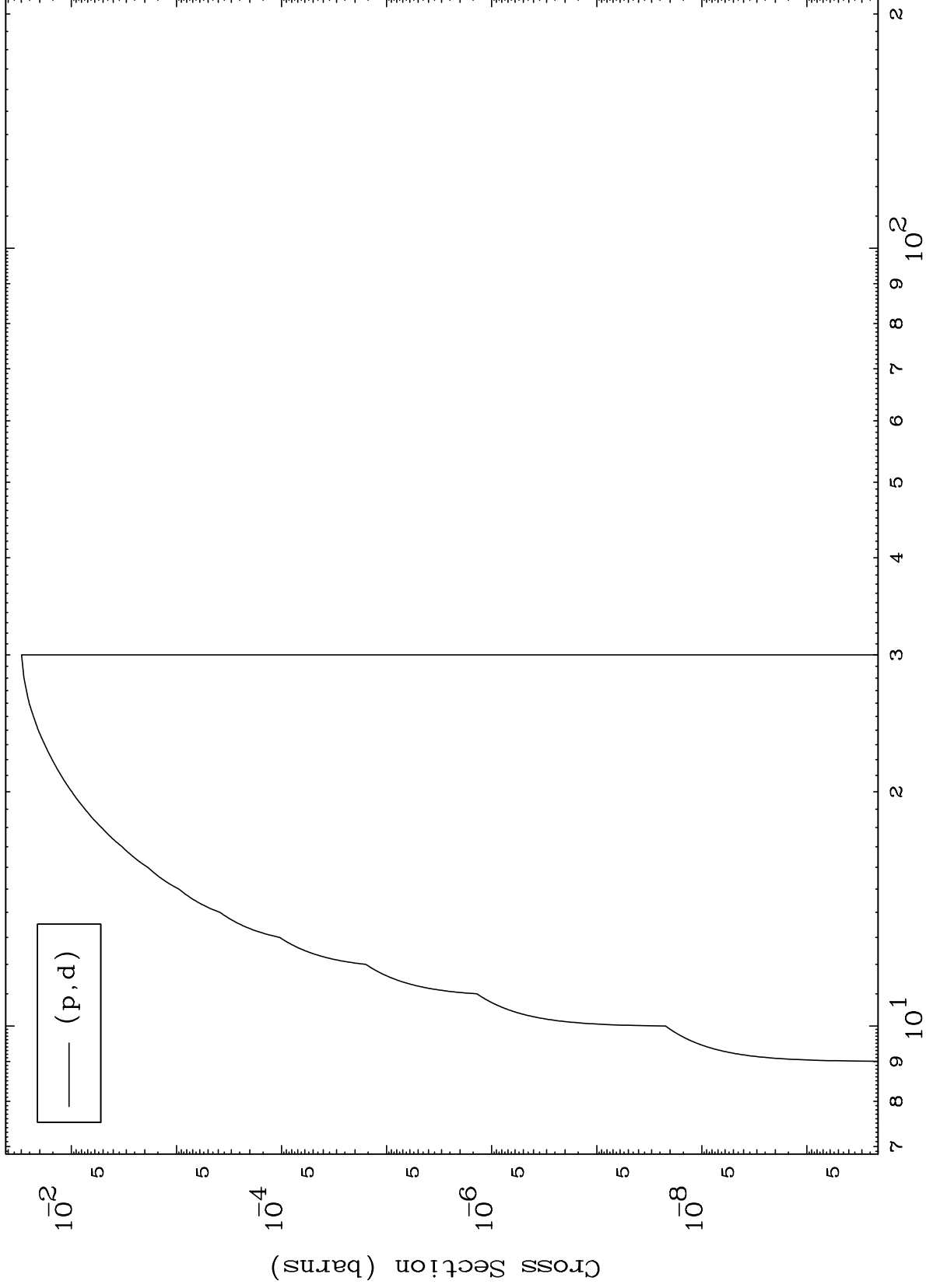
Incident Energy (MeV)

40-Zr-89

MAT 4022

(p,d) Levels
0 Kelvin Cross Sections

40-Zr-89



7

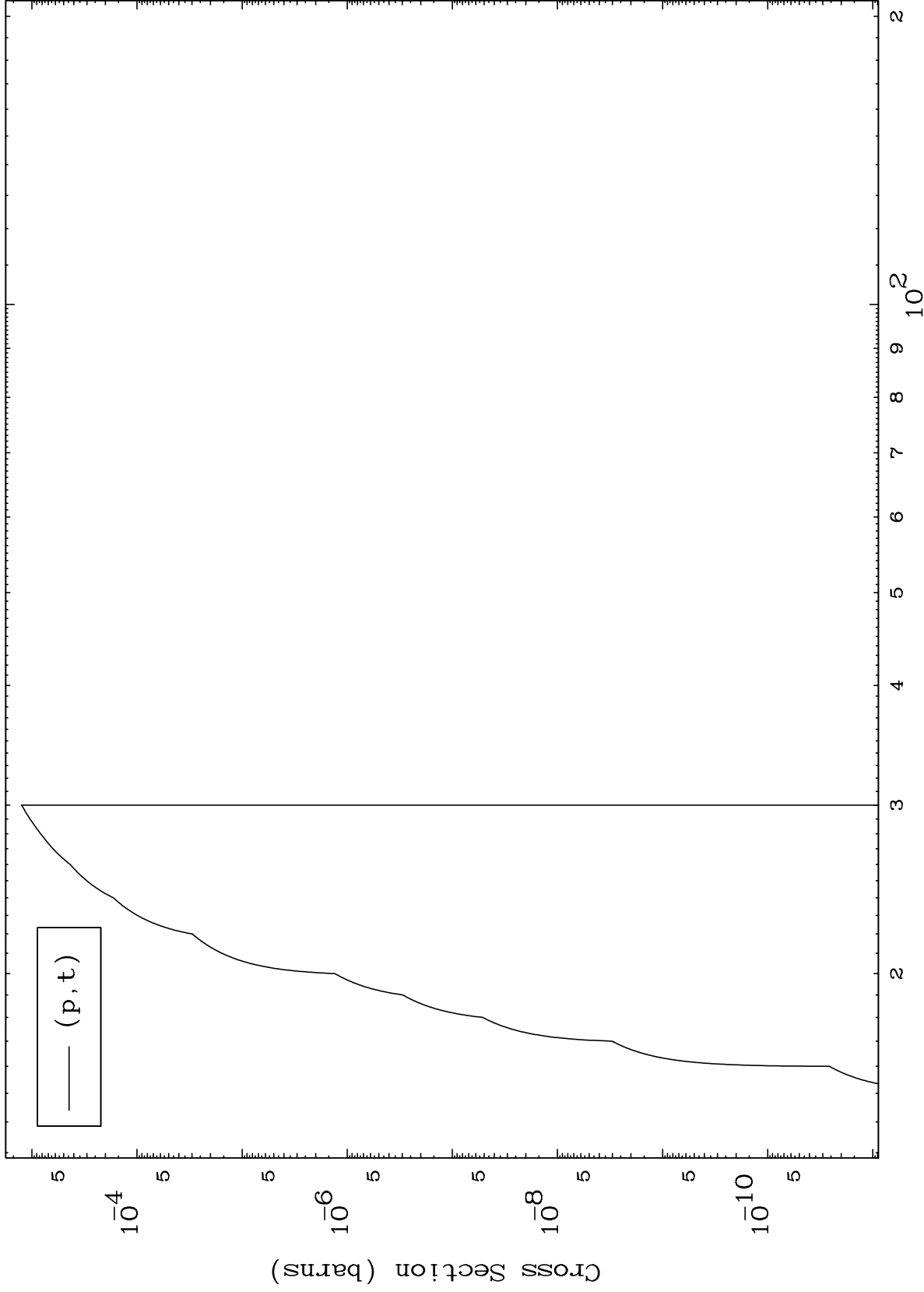
Incident Energy (MeV)

40-Zr-89

MAT 4022

(p,t) Levels
0 Kelvin Cross Sections

40-Zr-89



8

Incident Energy (MeV)

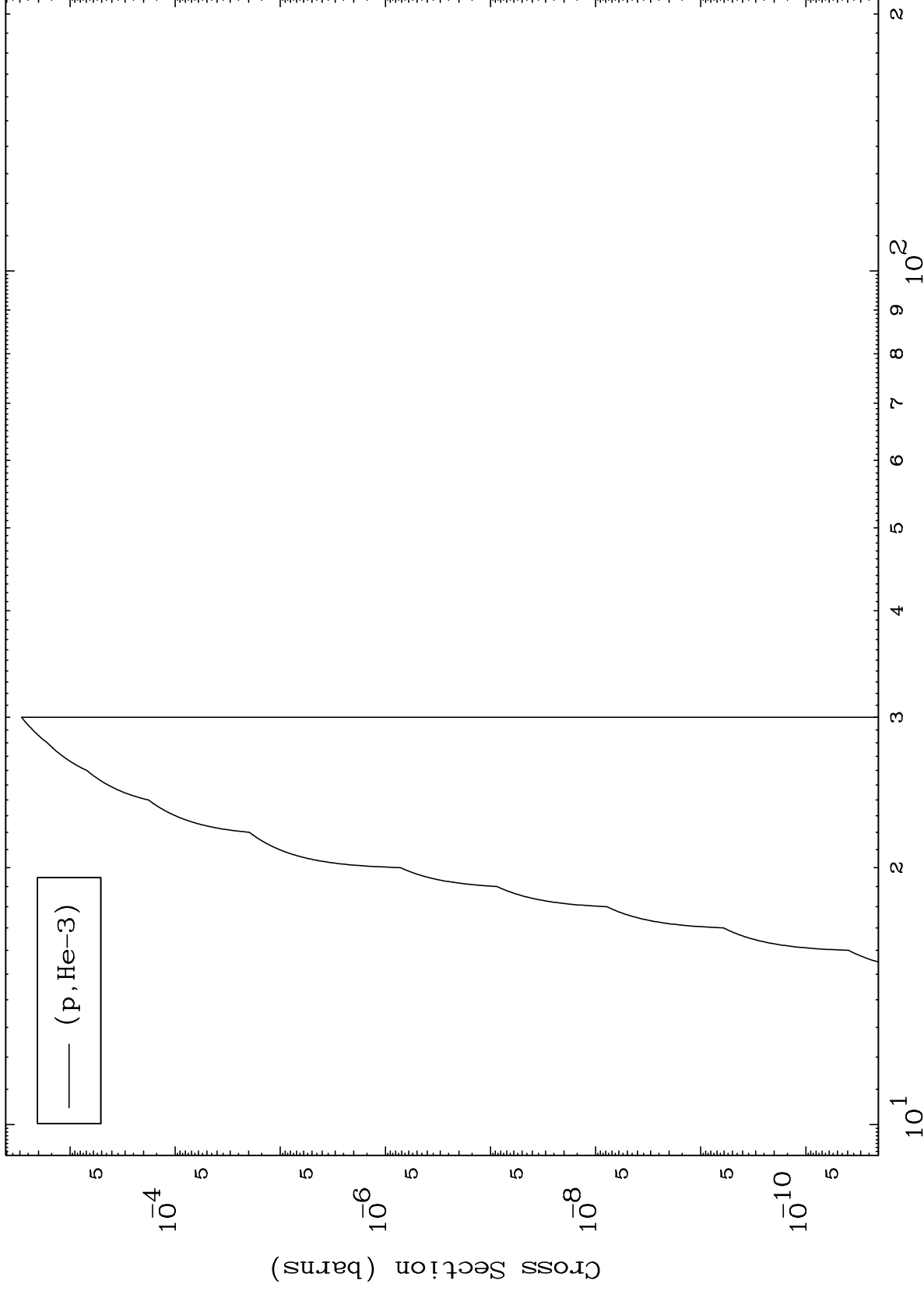
40-Zr-89

MAT 4022

(p,He3) Levels

40-Zr-89

0 Kelvin Cross Sections



Incident Energy (MeV)

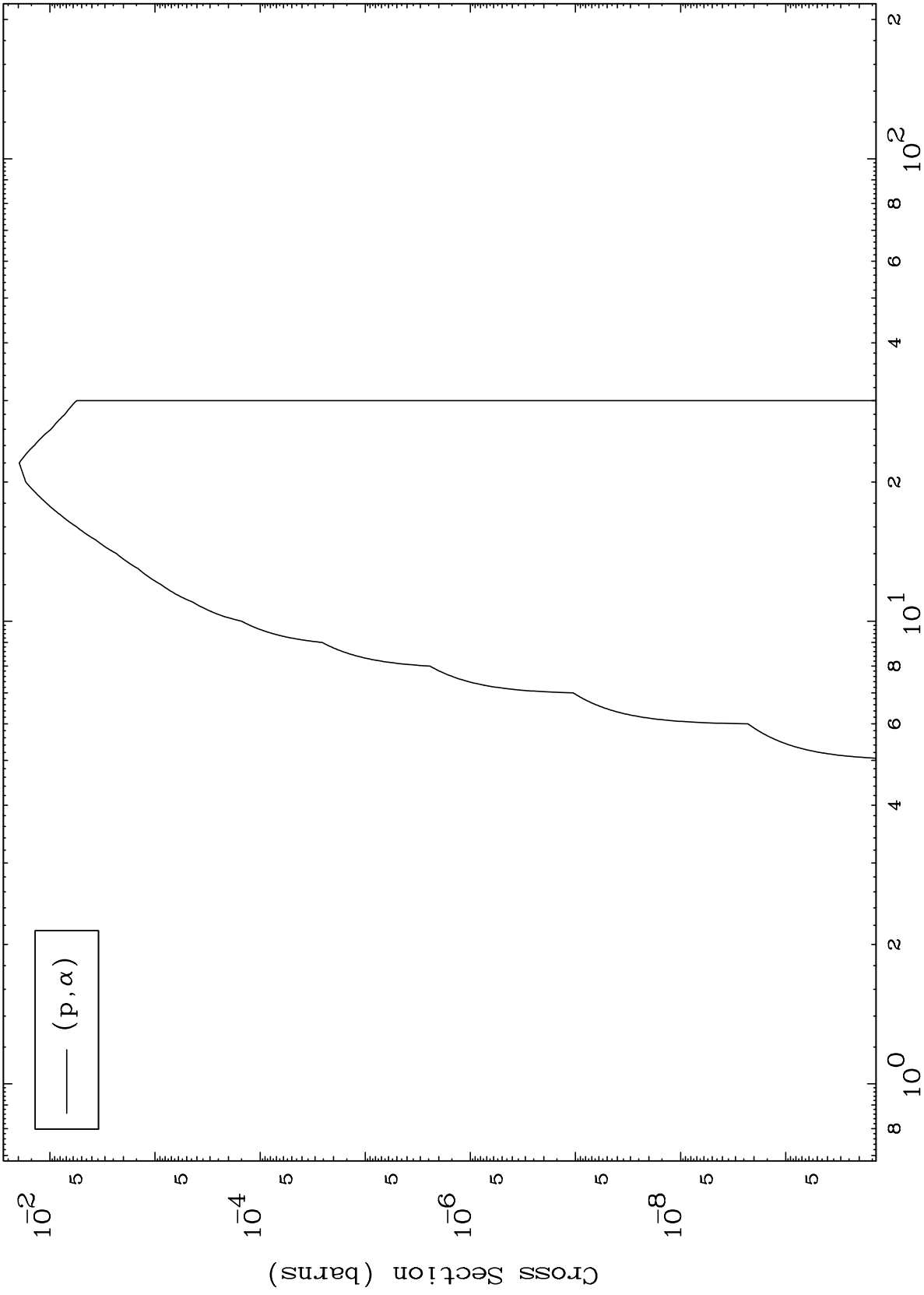
40-Zr-89

MAT 4022

(p, α) Levels

40-Zr-89

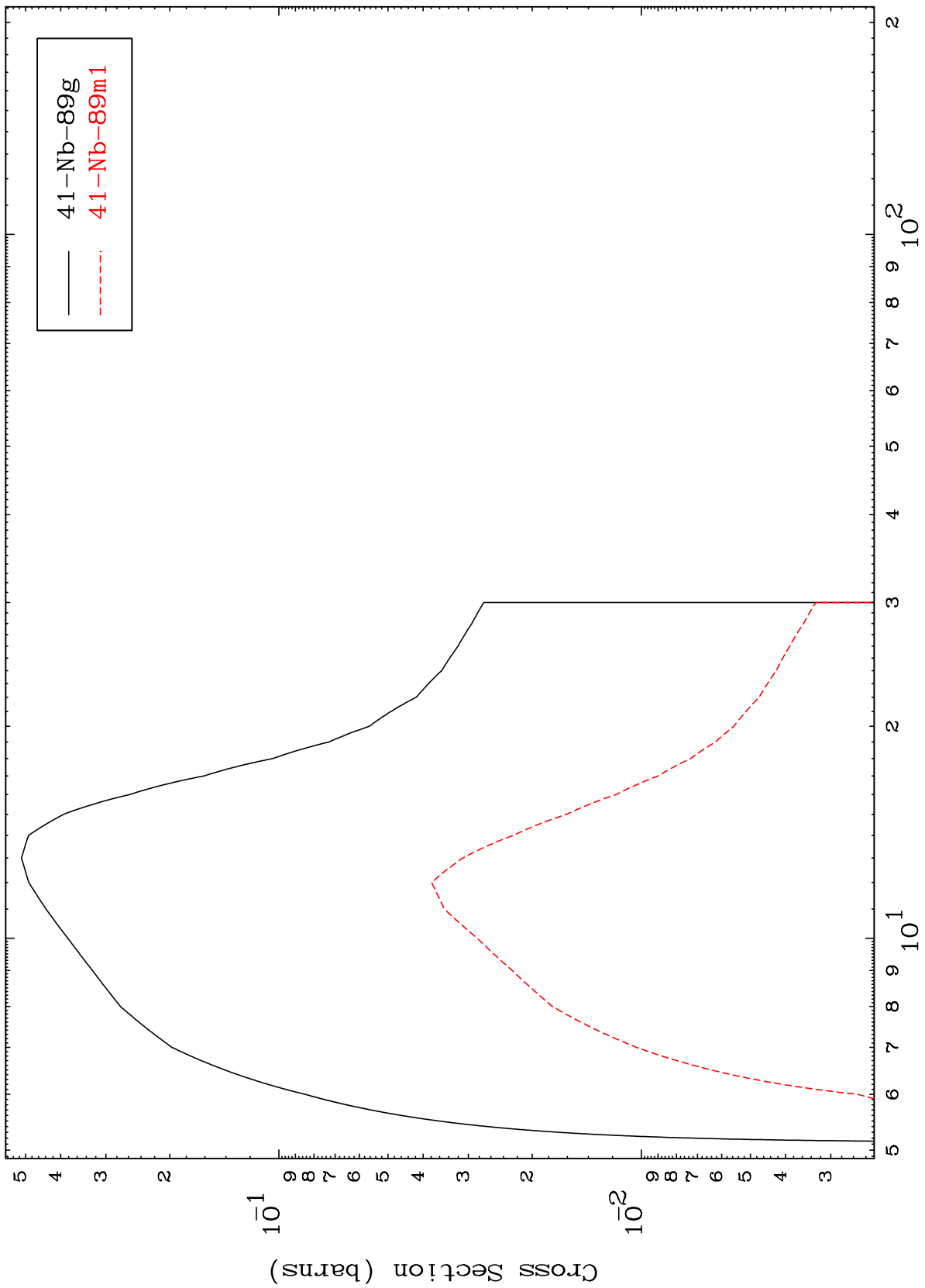
0 Kelvin Cross Sections



Incident Energy (MeV)

40-Zr-89

Proton Inelastic
Radionuclide Production Cross Section

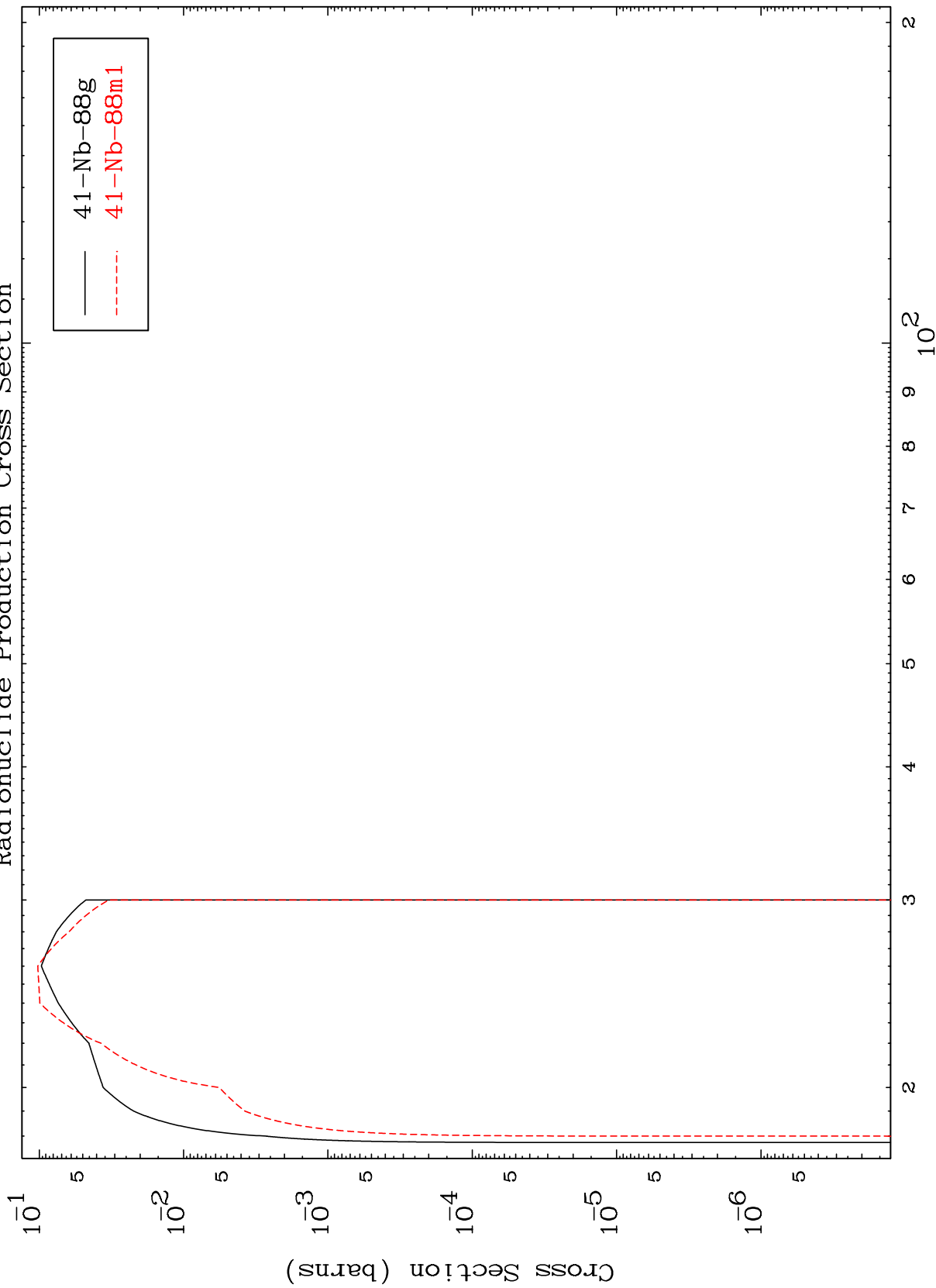


41-Nb-89g
41-Nb-89m1

MAT 4022

40-Zr-89

(p,2n)
Radionuclide Production Cross Section



12

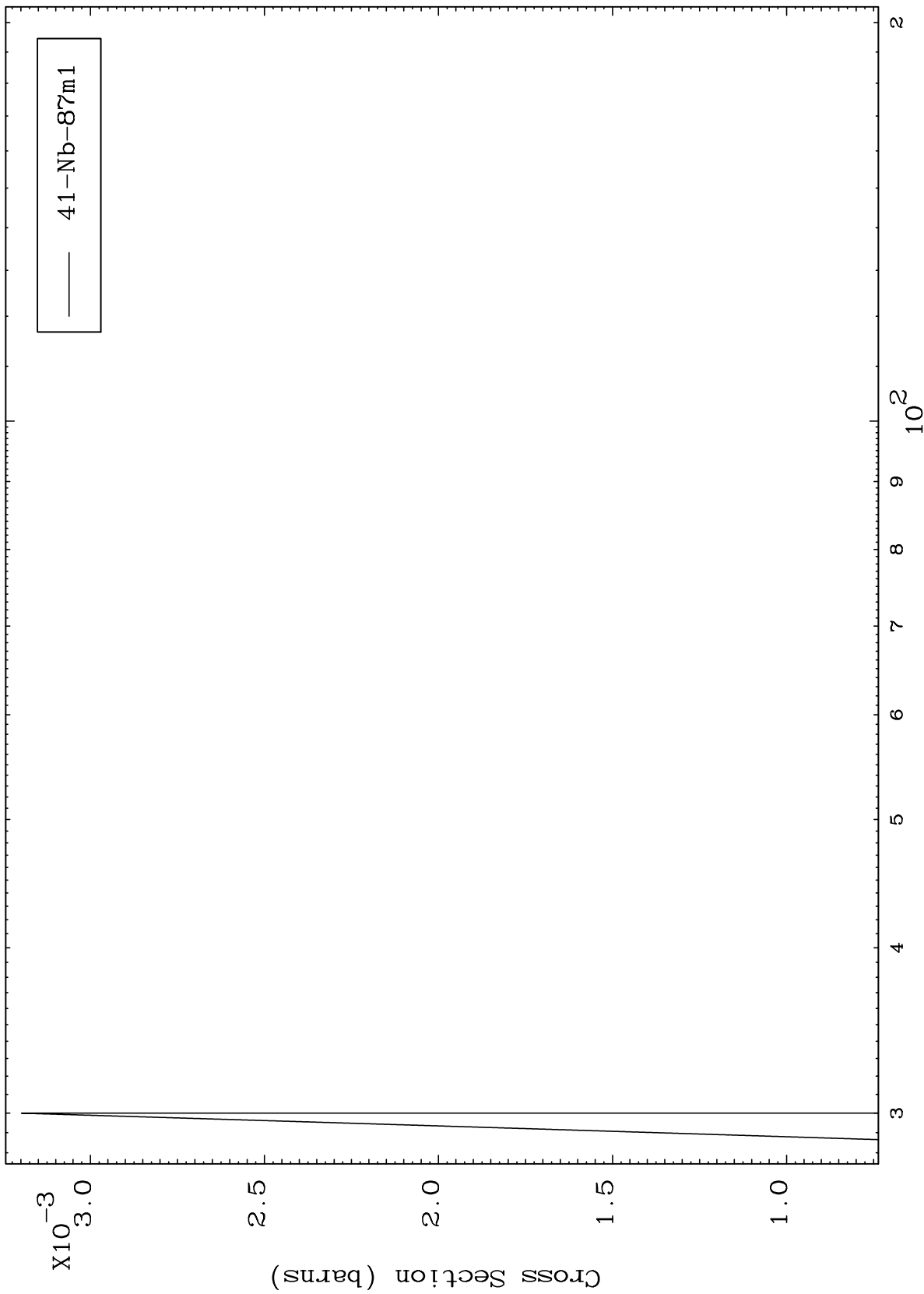
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

(p,3n)
Radionuclide Production Cross Section



40-Zr-89

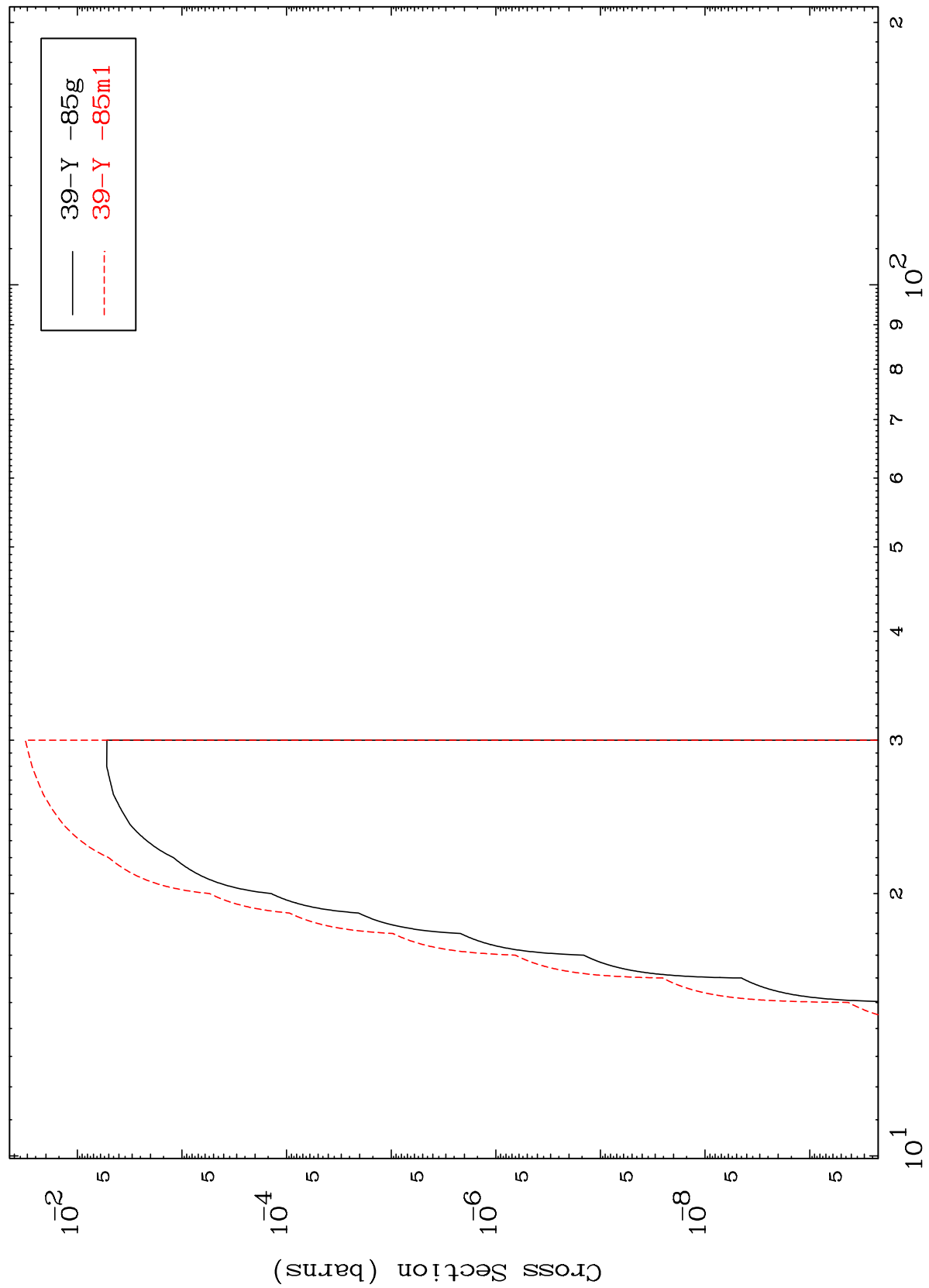
Incident Energy (MeV)

13

MAT 4022

40-Zr-89

(p,n') α
Radionuclide Production Cross Section



40-Zr-89

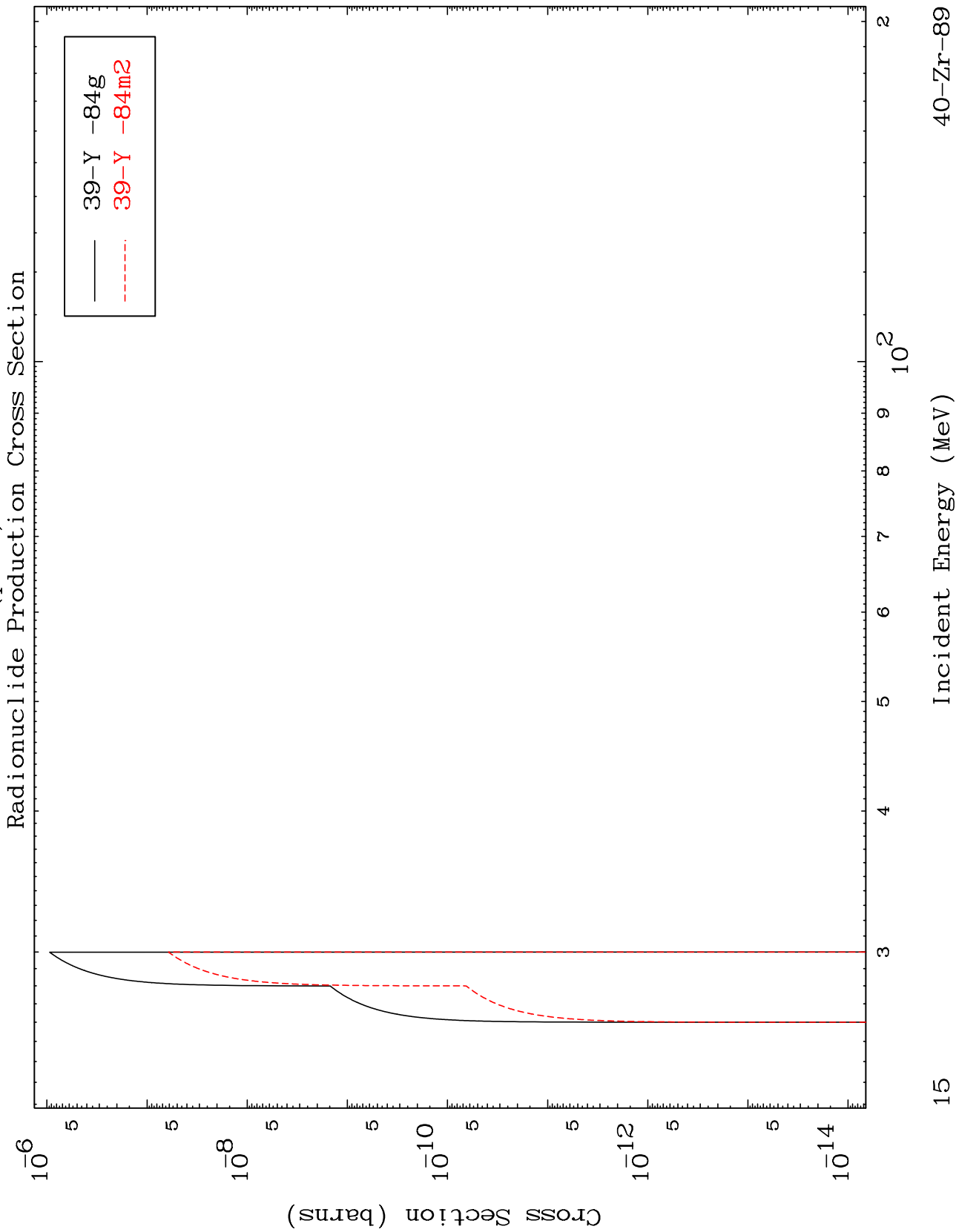
Incident Energy (MeV)

14

MAT 4022

(p,2n) α

40-Zr-89

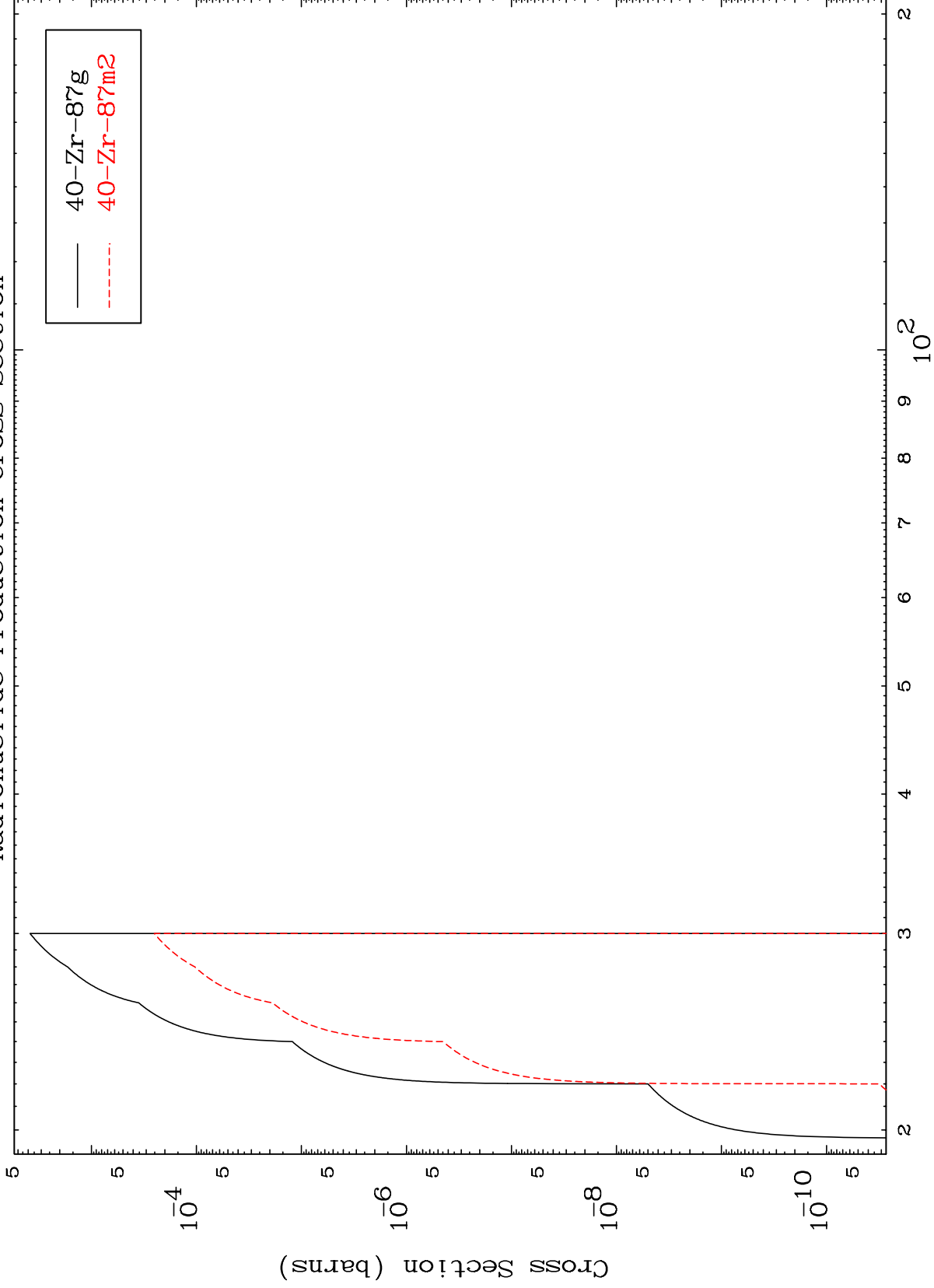


MAT 4022

(p,n') d

40-Zr-89

Radionuclide Production Cross Section

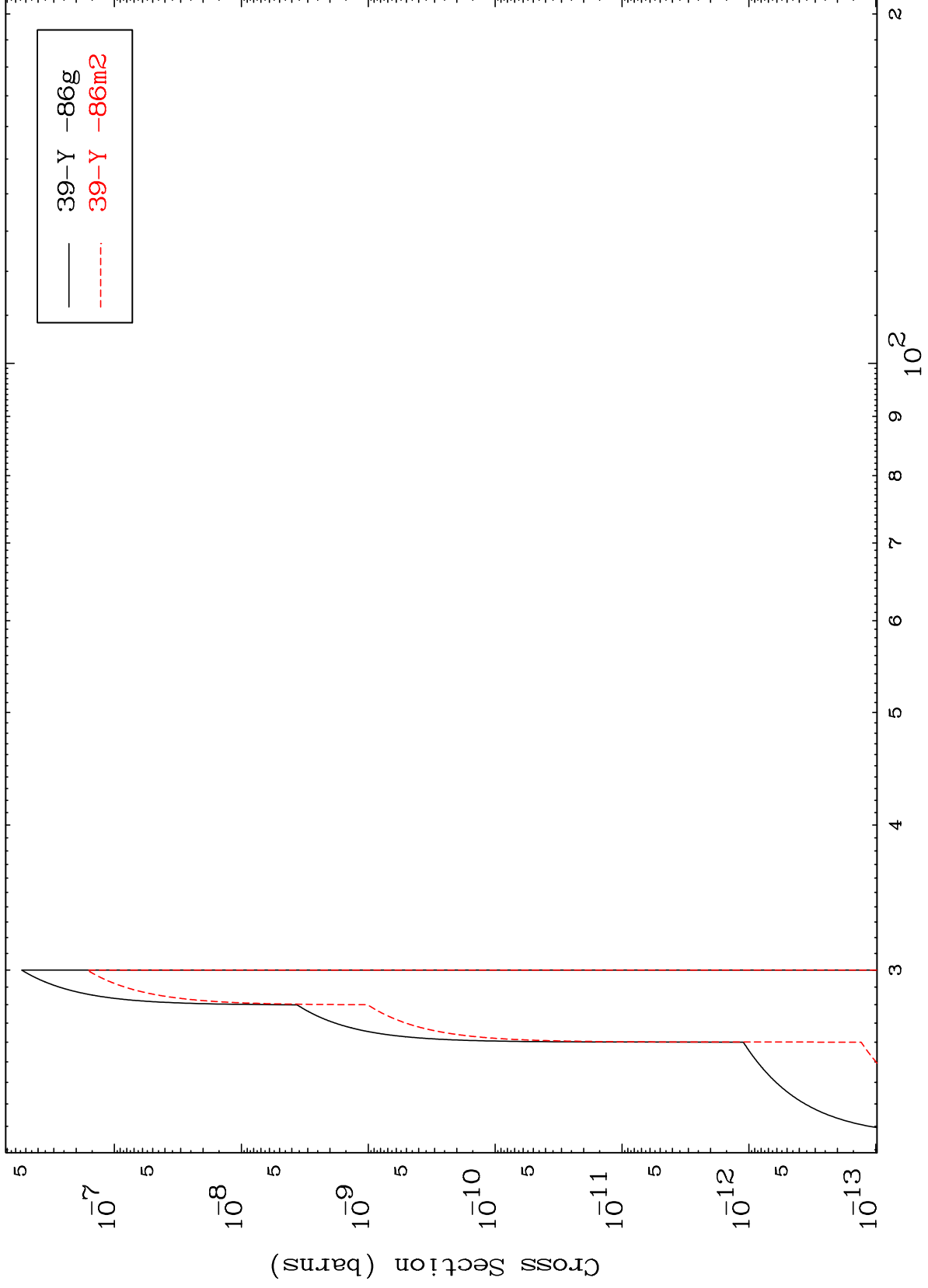


16

Incident Energy (MeV)

40-Zr-89

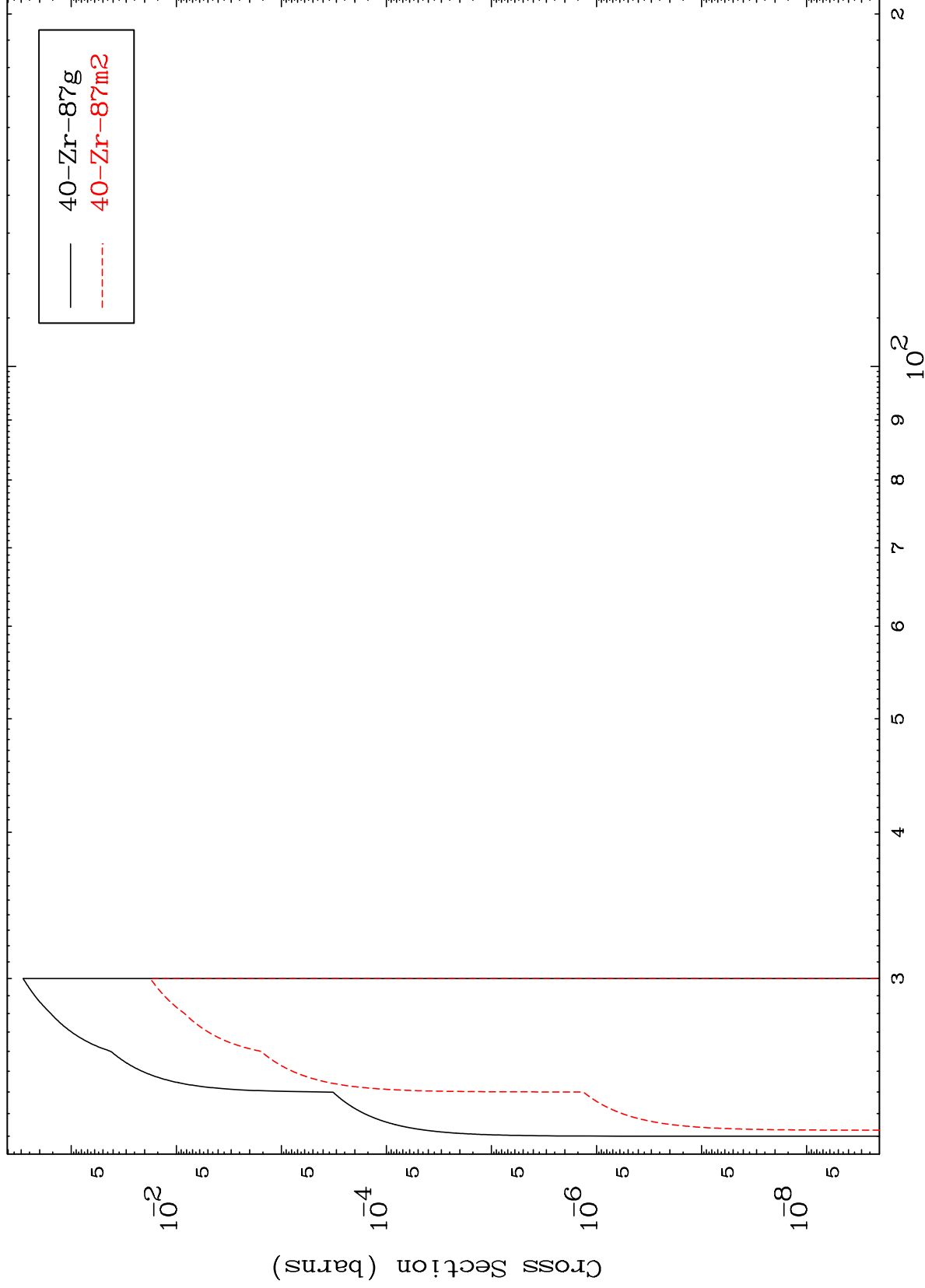
Radionuclide Production Cross Section



MAT 4022

40-Zr-89

(p,2n) p
Radionuclide Production Cross Section

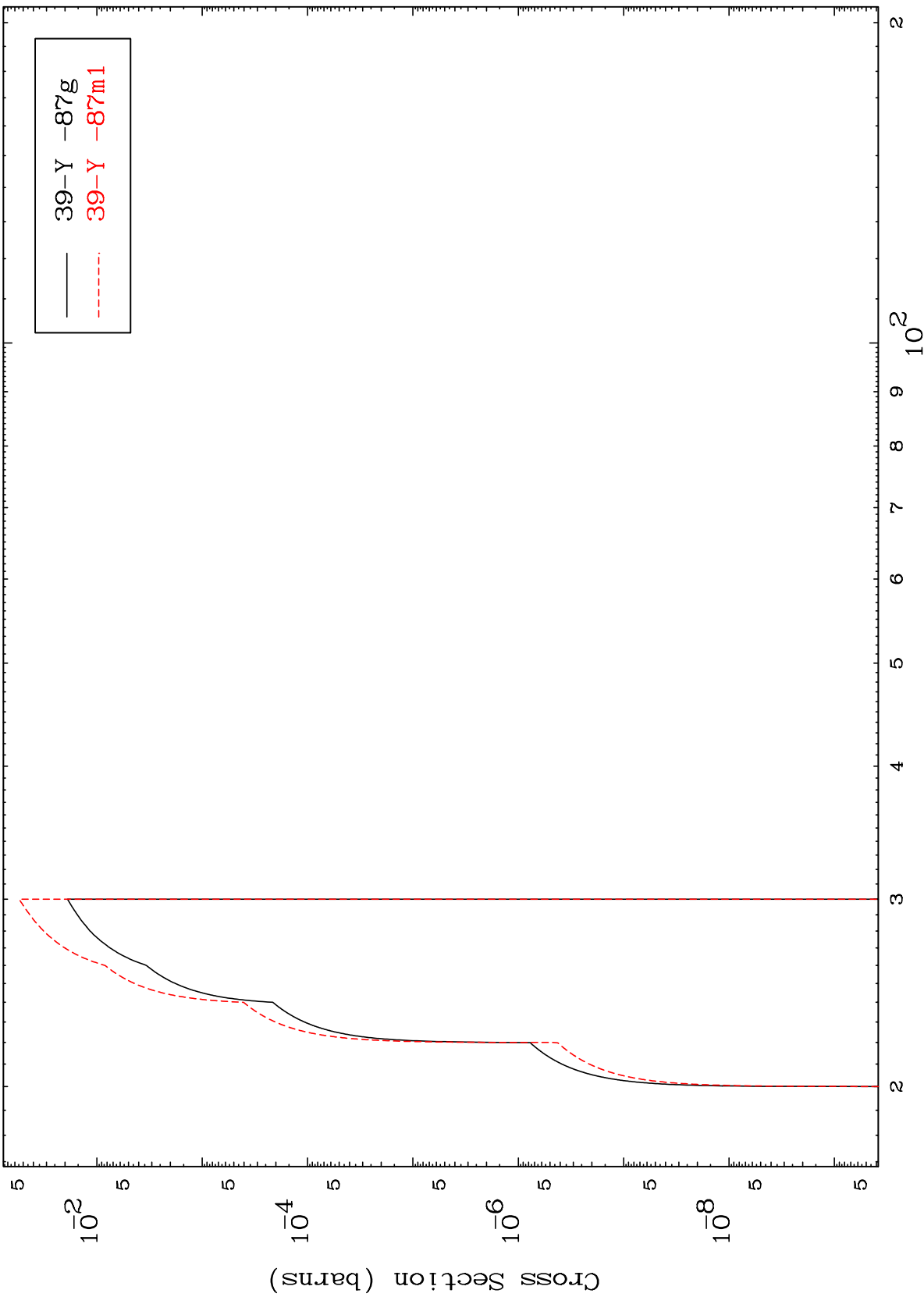


18

Incident Energy (MeV)

40-Zr-89

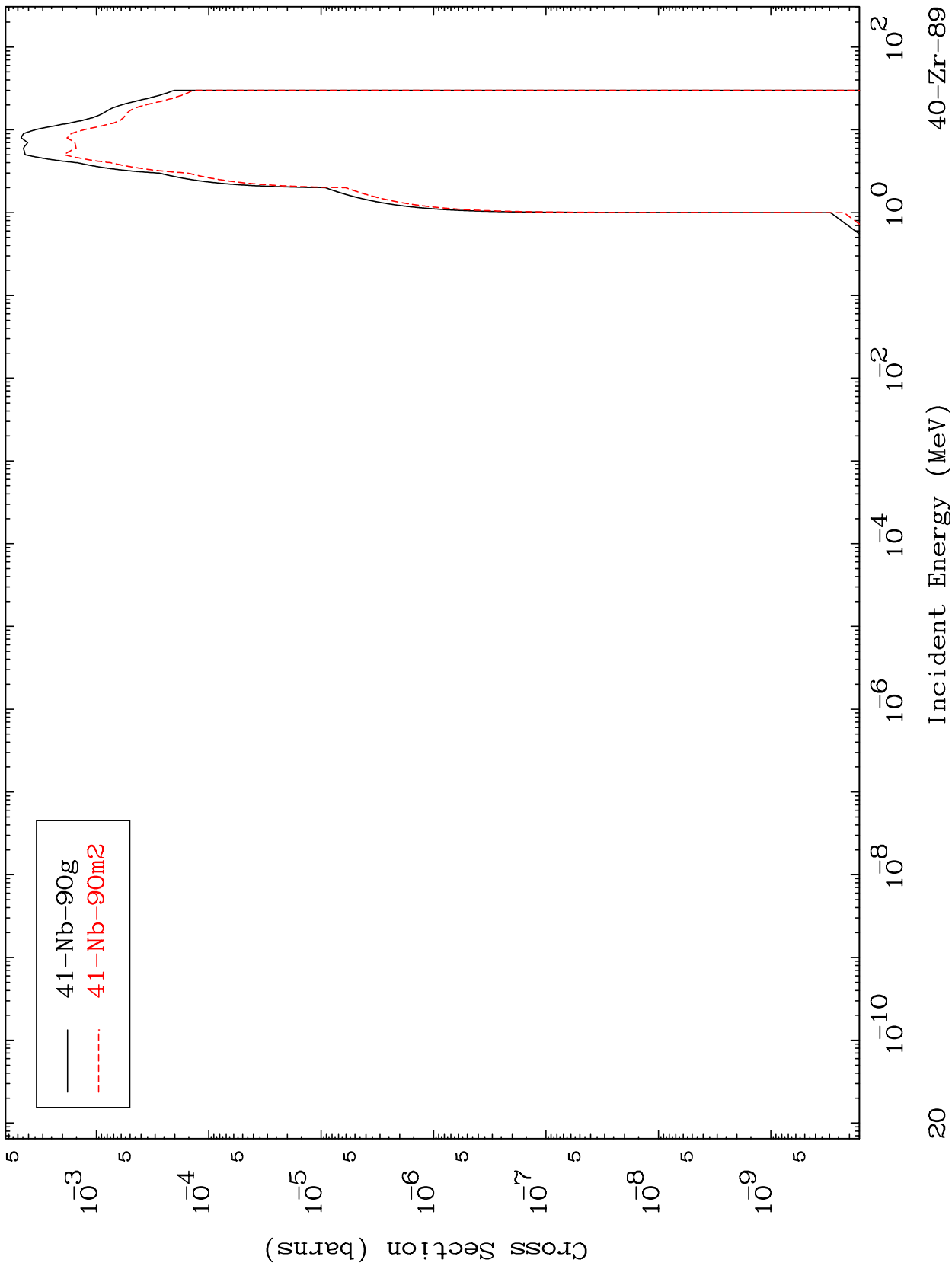
(p,2n) p
Radionuclide Production Cross Section



MAT 4022

Radionuclide Production Cross Section
(p, γ)

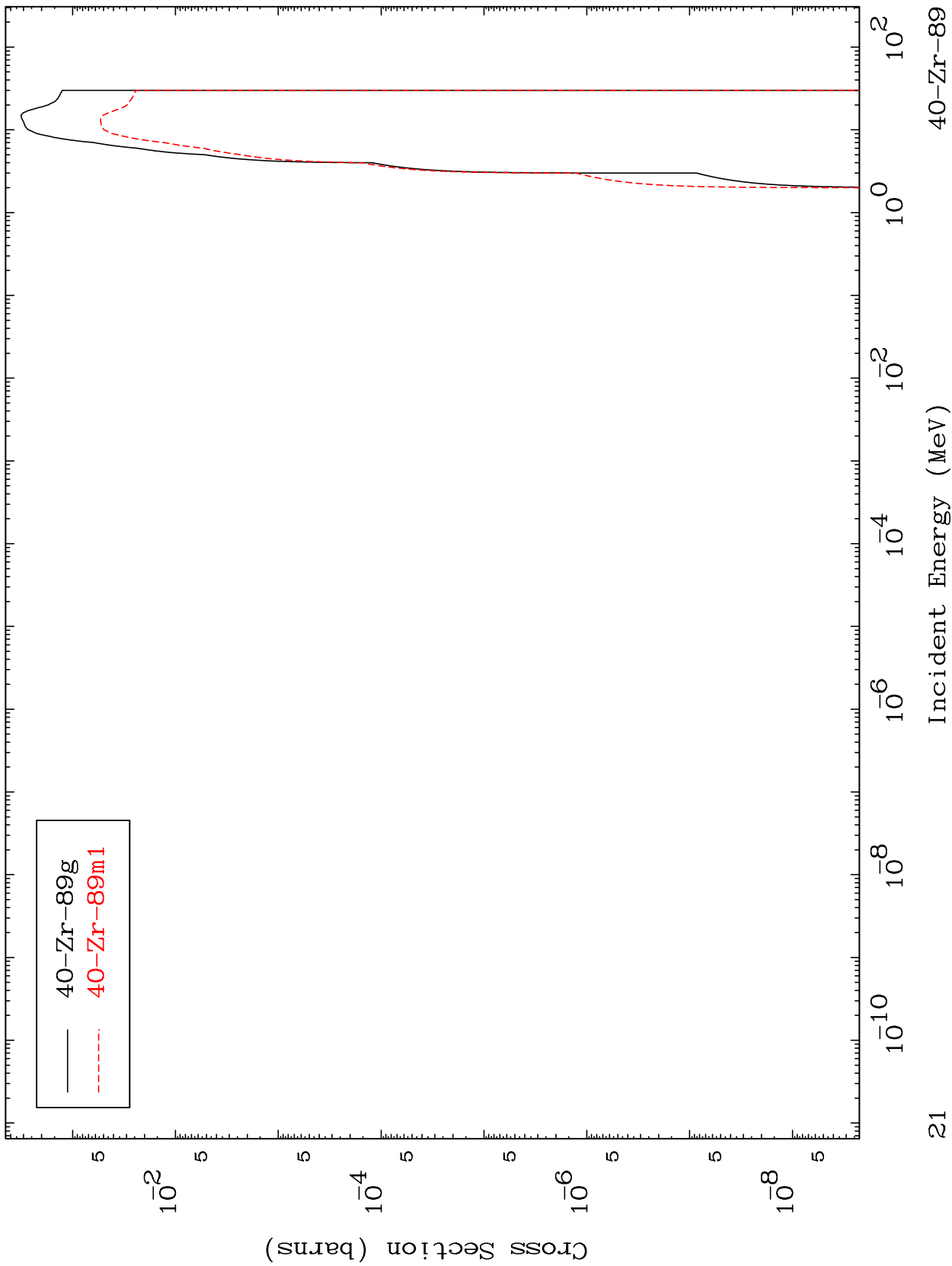
40-Zr-89



MAT 4022

(p,p)
Radionuclide Production Cross Section

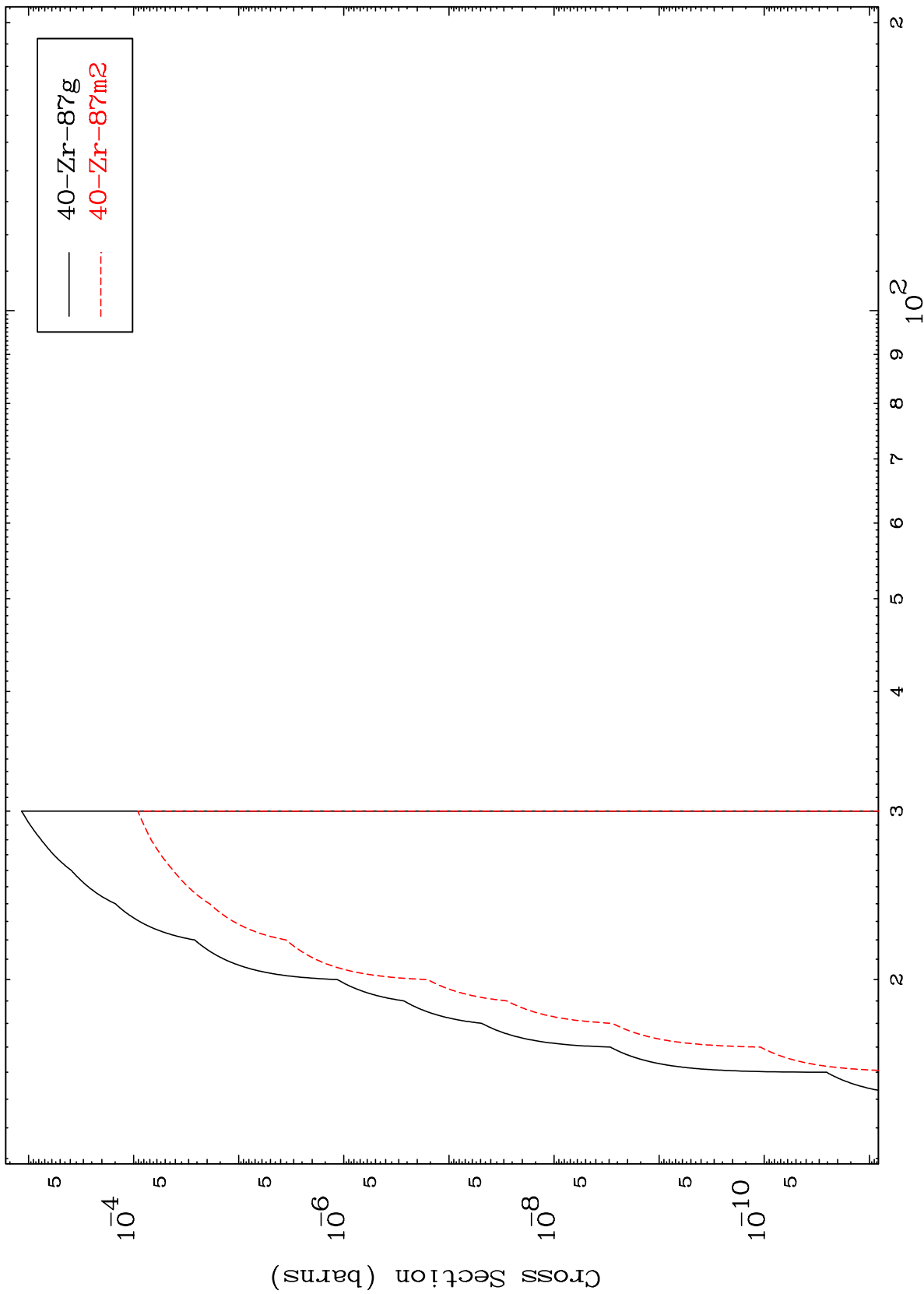
40-Zr-89



MAT 4022

40-Zr-89

(p, t)
Radionuclide Production Cross Section



22

40-Zr-89

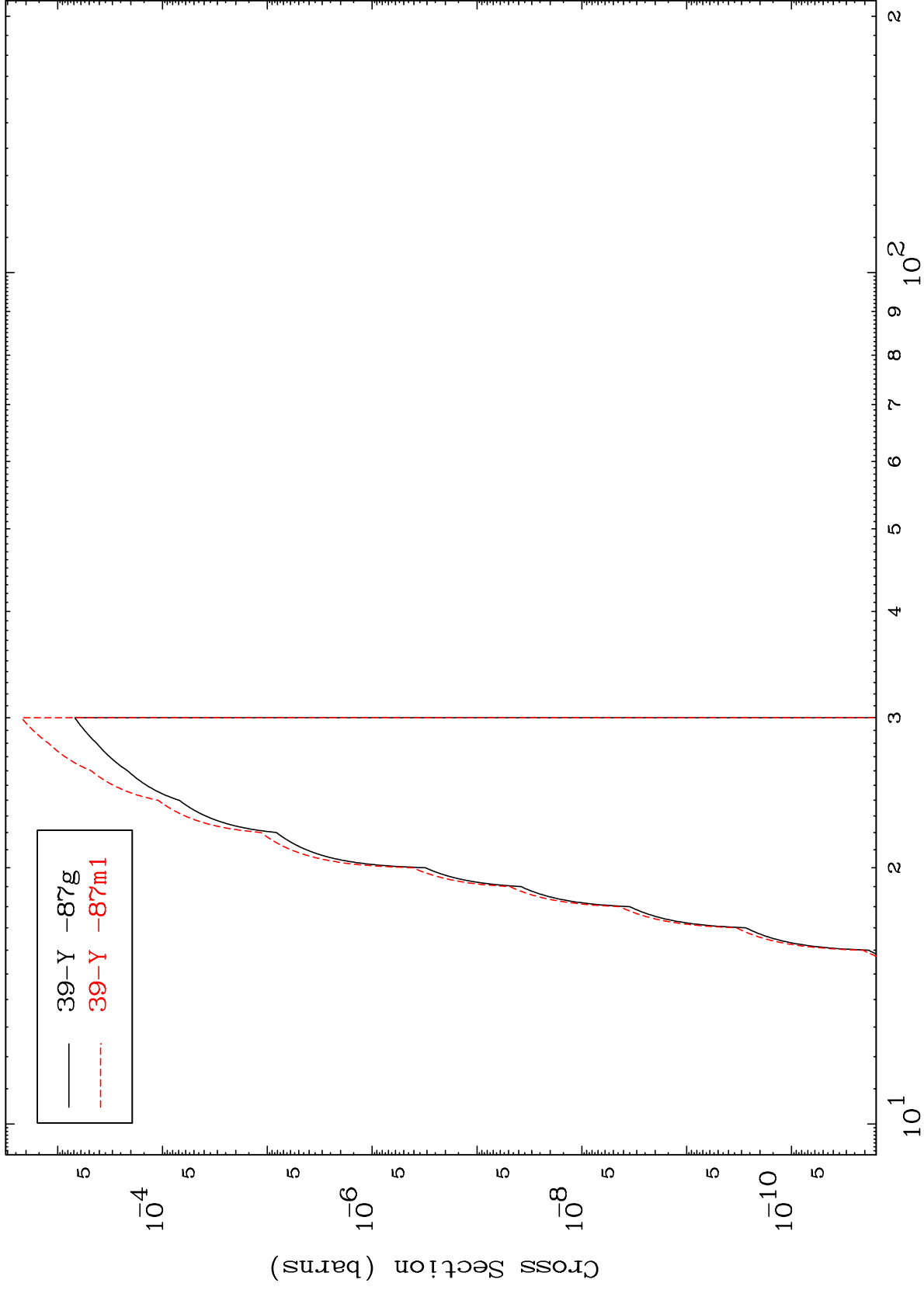
Incident Energy (MeV)

MAT 4022

(p,He-3)

40-Zr-89

Radionuclide Production Cross Section



23

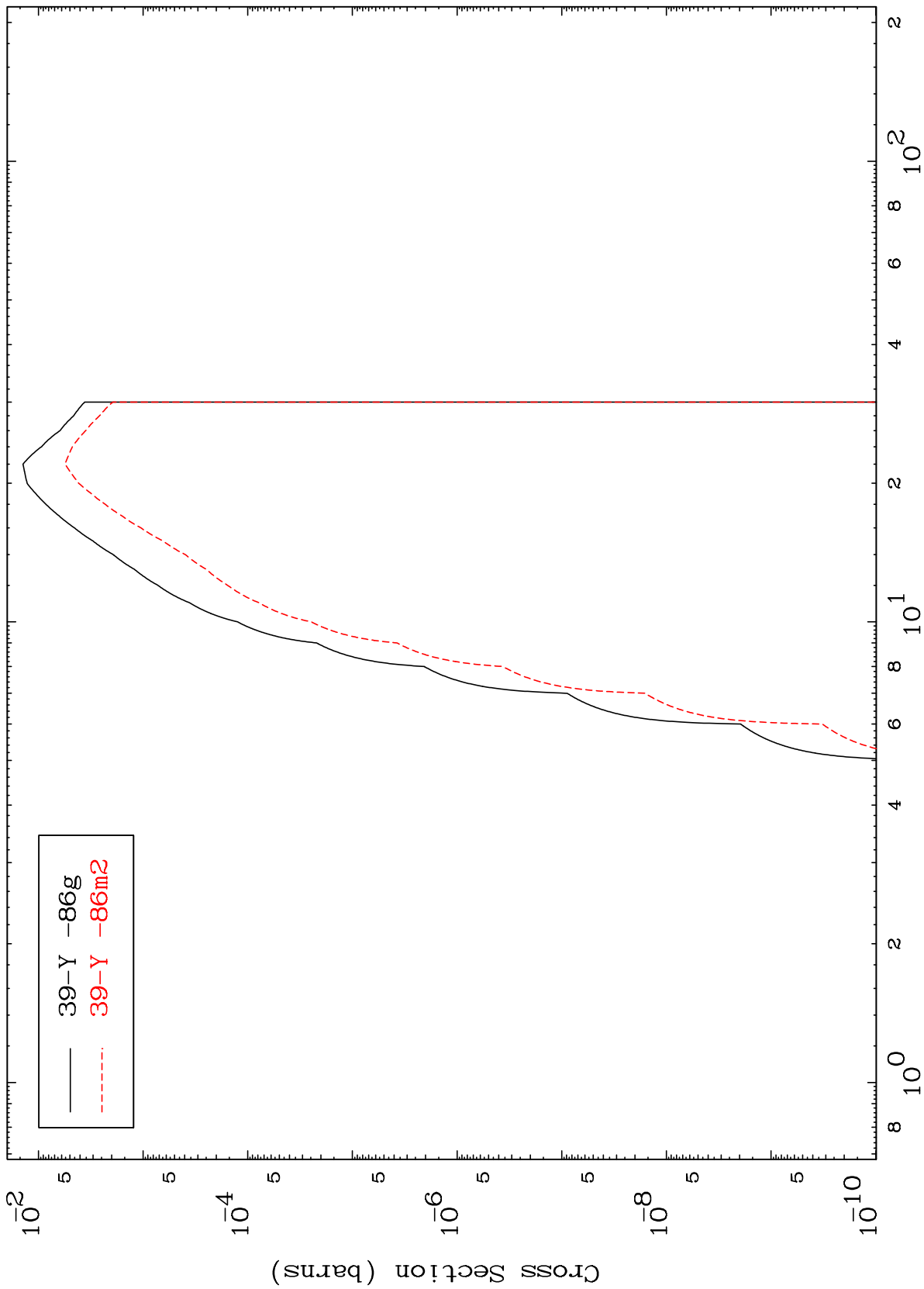
Incident Energy (MeV)

40-Zr-89

MAT 4022

40-Zr-89

Radionuclide Production Cross Section (p,α)

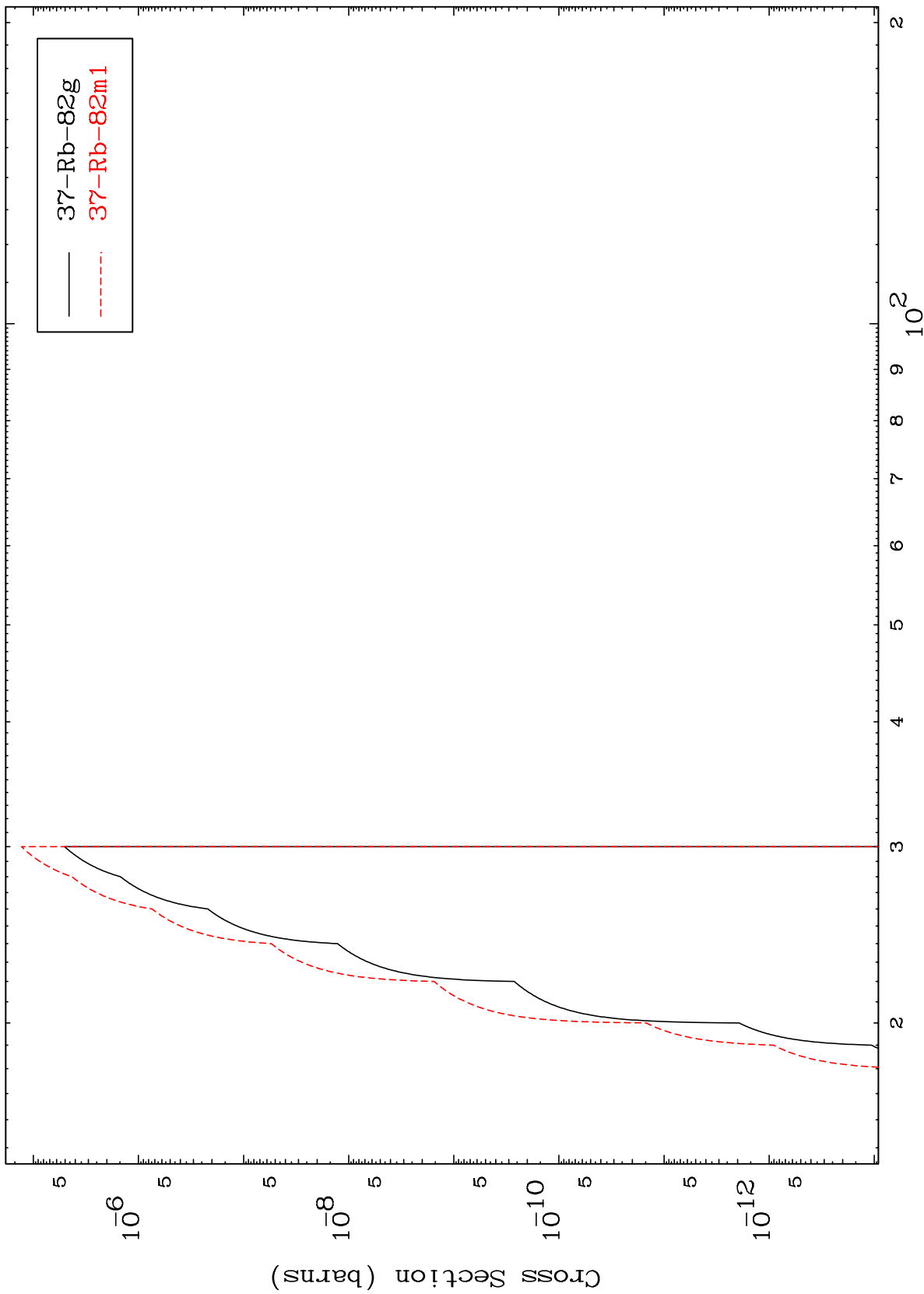


24

Incident Energy (MeV)

40-Zr-89

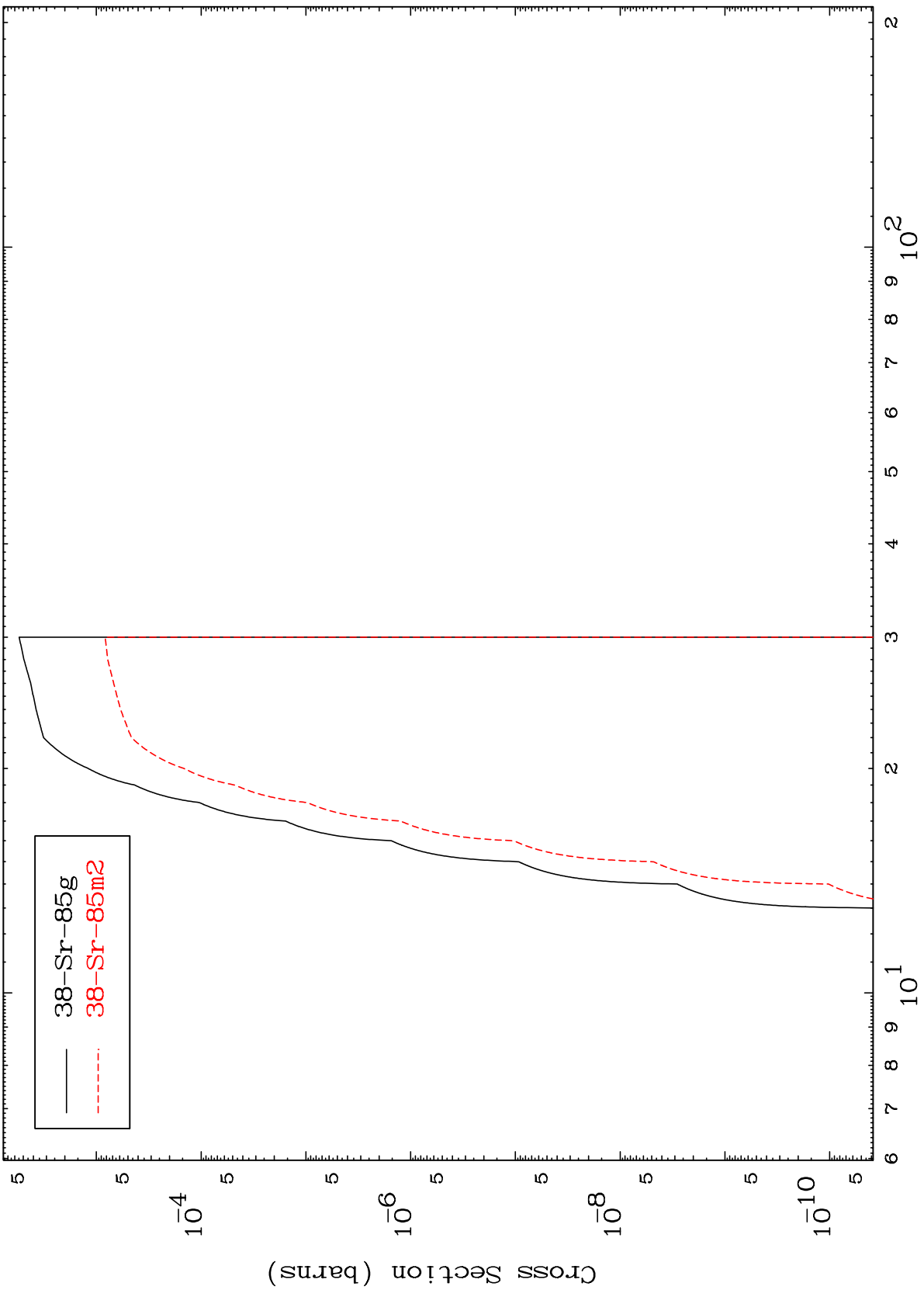
(p,2α)
Radionuclide Production Cross Section



MAT 4022

40-Zr-89

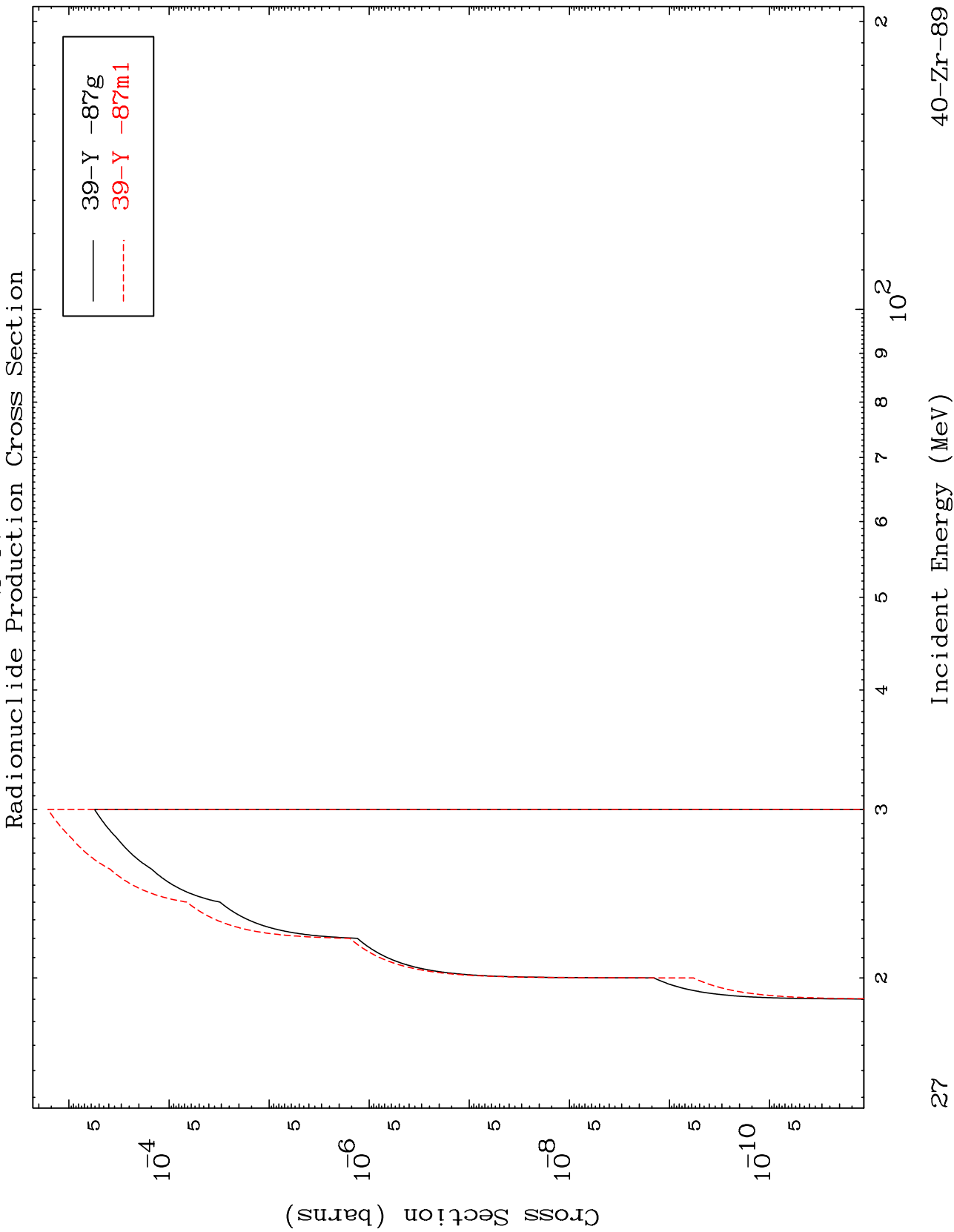
(p,p) α
Radionuclide Production Cross Section



26

Incident Energy (MeV)

40-Zr-89



Radionuclide Production Cross Section

