

Program EVALPLOT
(Version 2018-1)

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

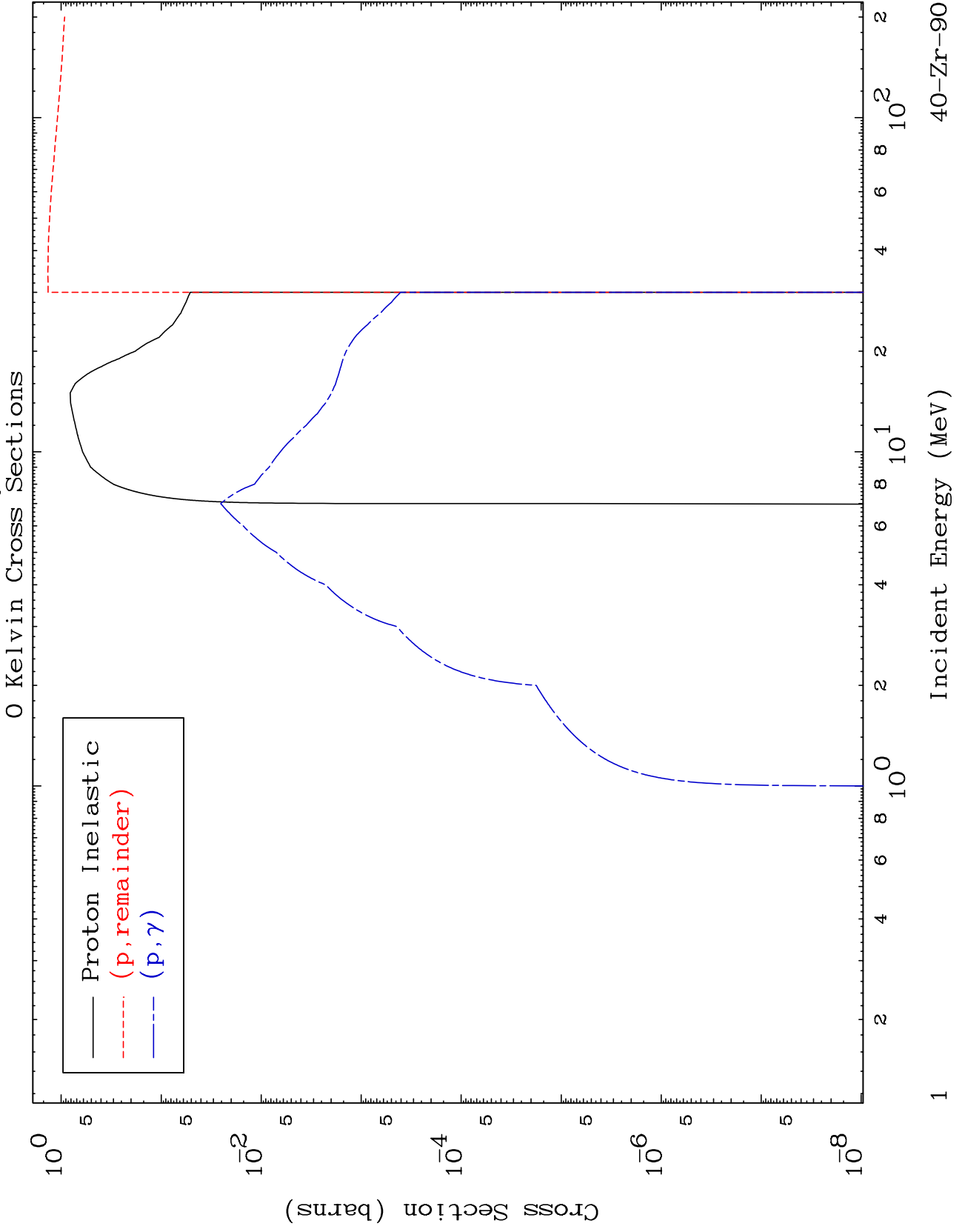
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4025

Proton Major

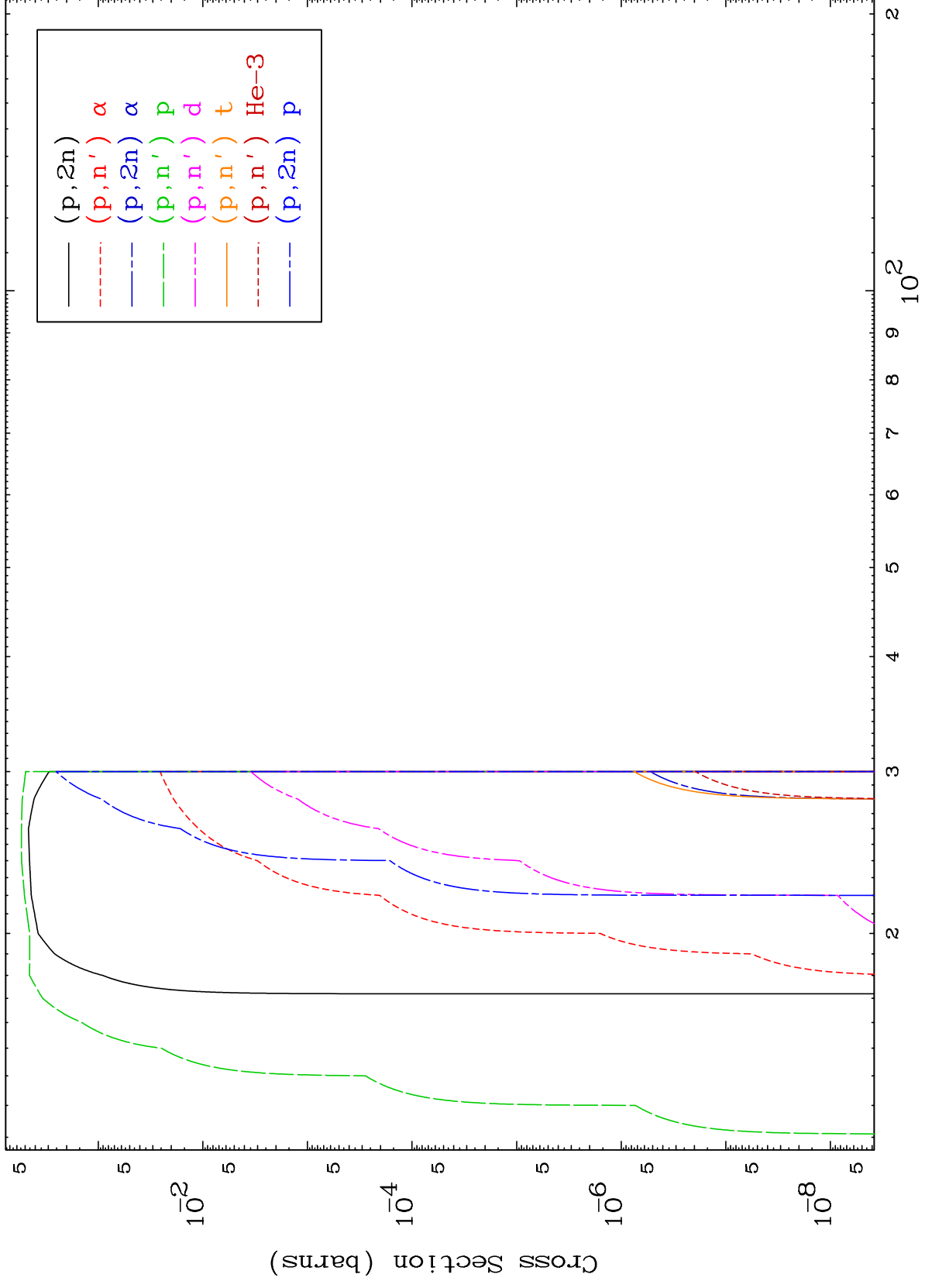
40-Zr-90



MAT 4025

Proton Neutron Production
0 Kelvin Cross Sections

40-Zr-90



2

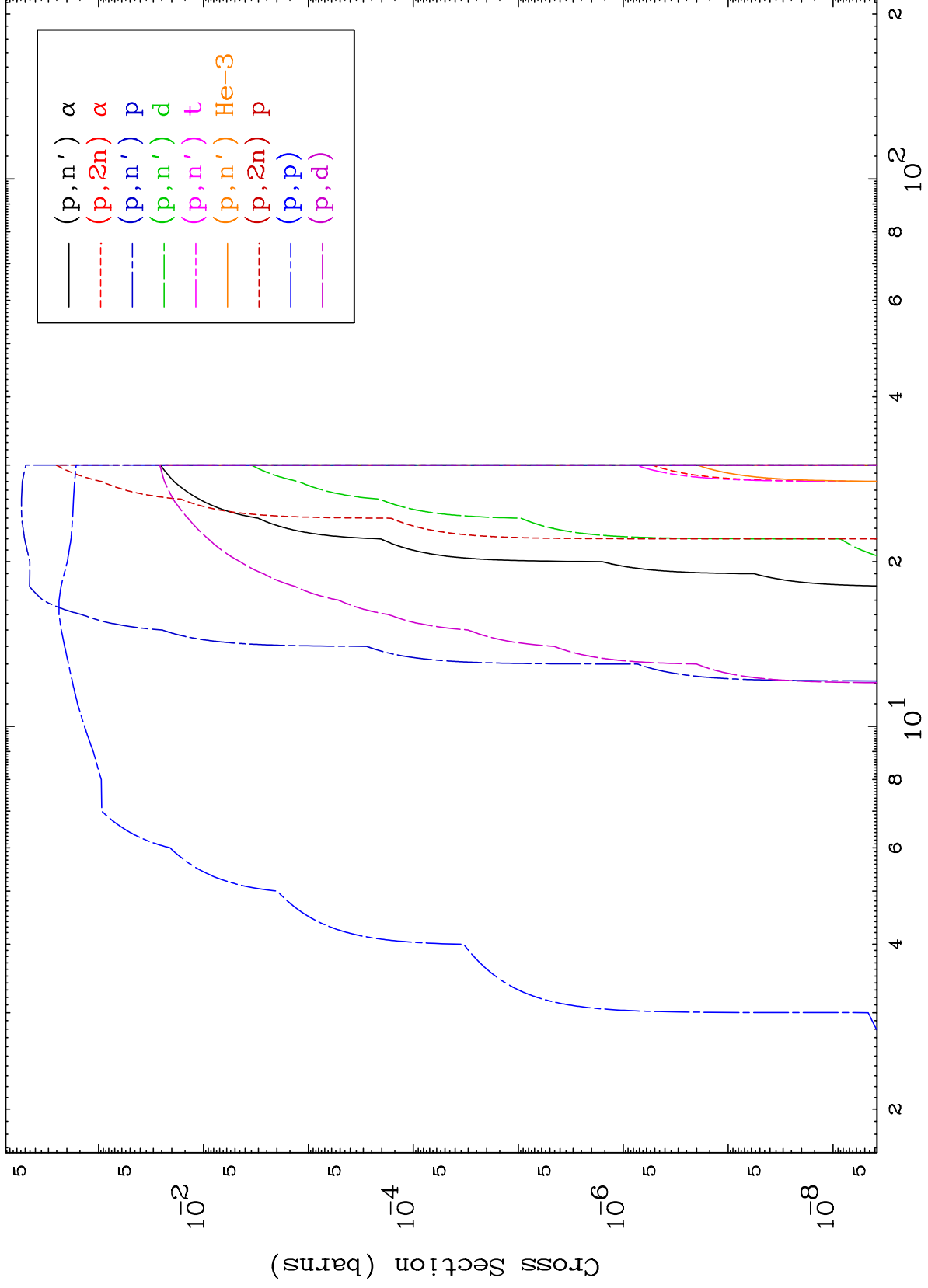
Incident Energy (MeV)

40-Zr-90

MAT 4025

Proton Charged Particle
0 Kelvin Cross Sections

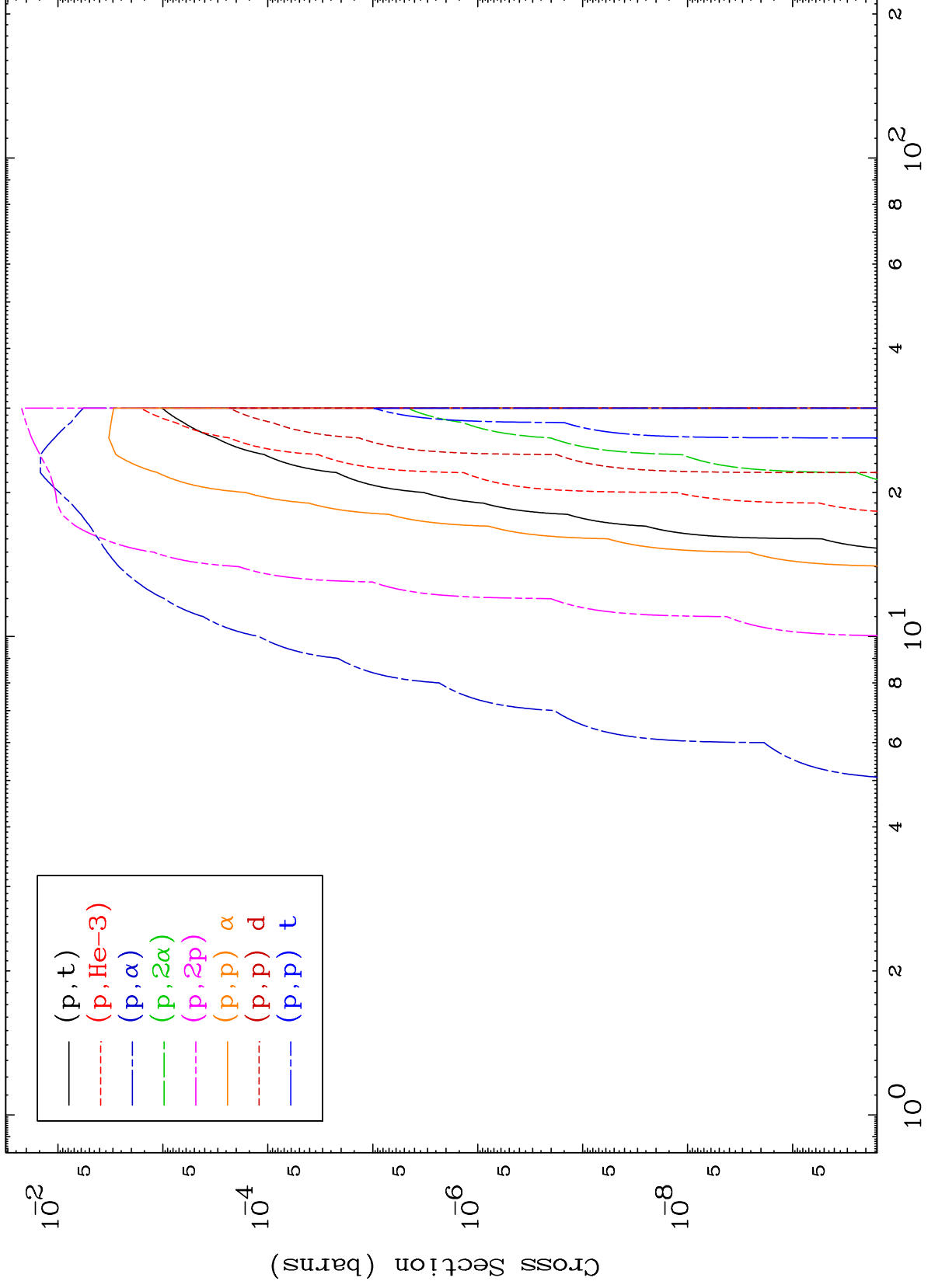
40-Zr-90



MAT 4025

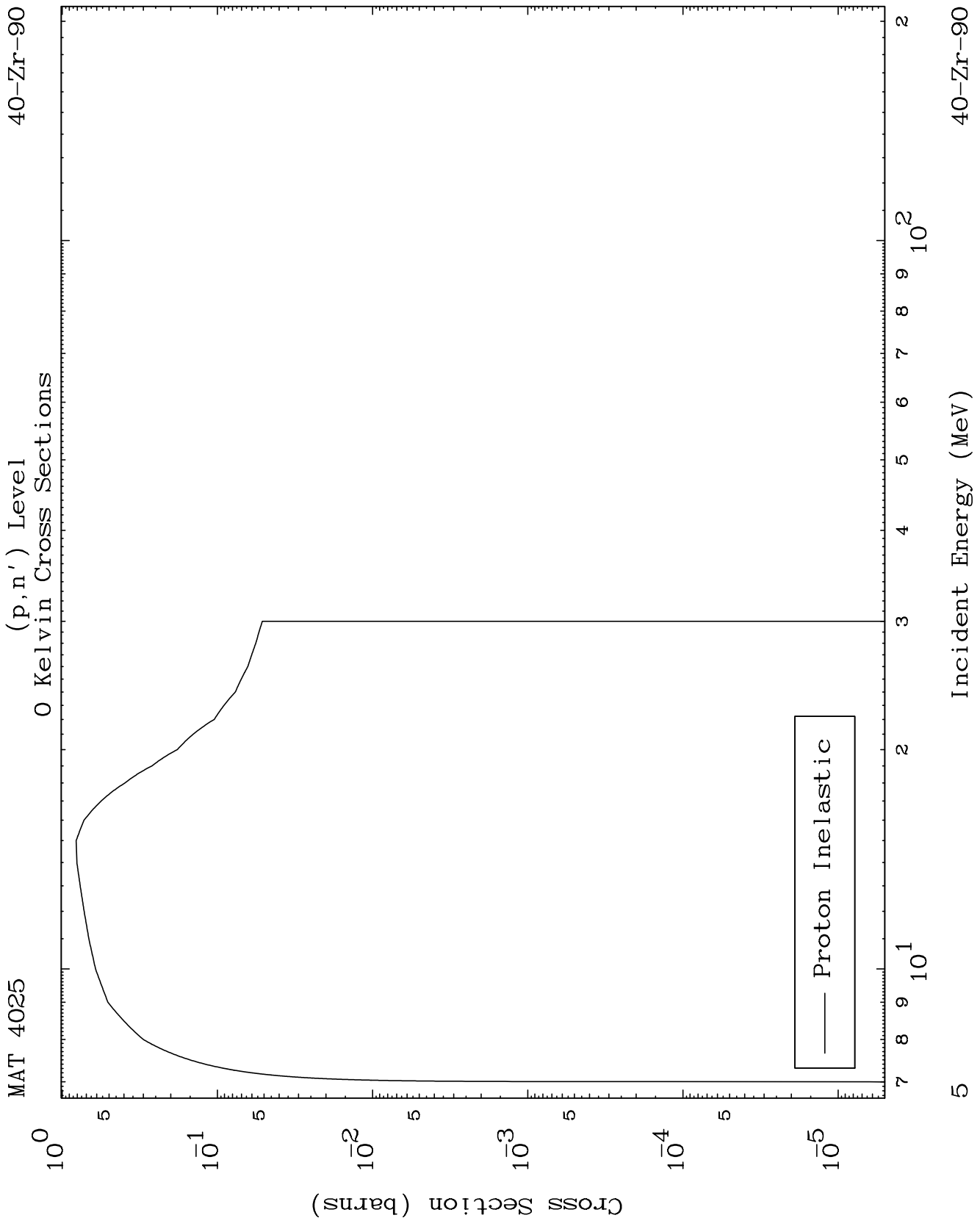
Proton Charged Particle
0 Kelvin Cross Sections

40-Zr-90



Incident Energy (MeV)

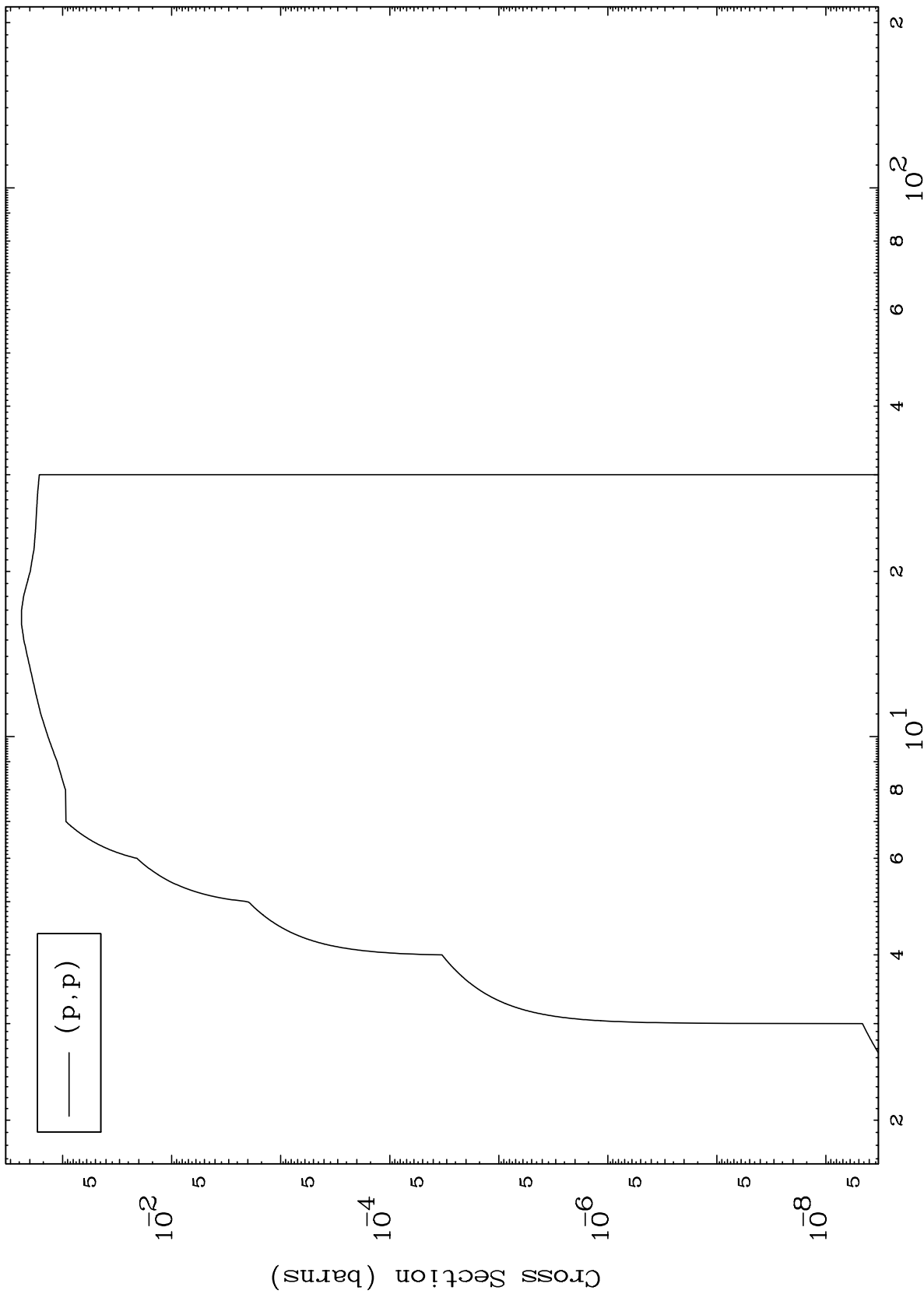
40-Zr-90



MAT 4025

40-Zr-90

(p,p) Levels
0 Kelvin Cross Sections



40-Zr-90

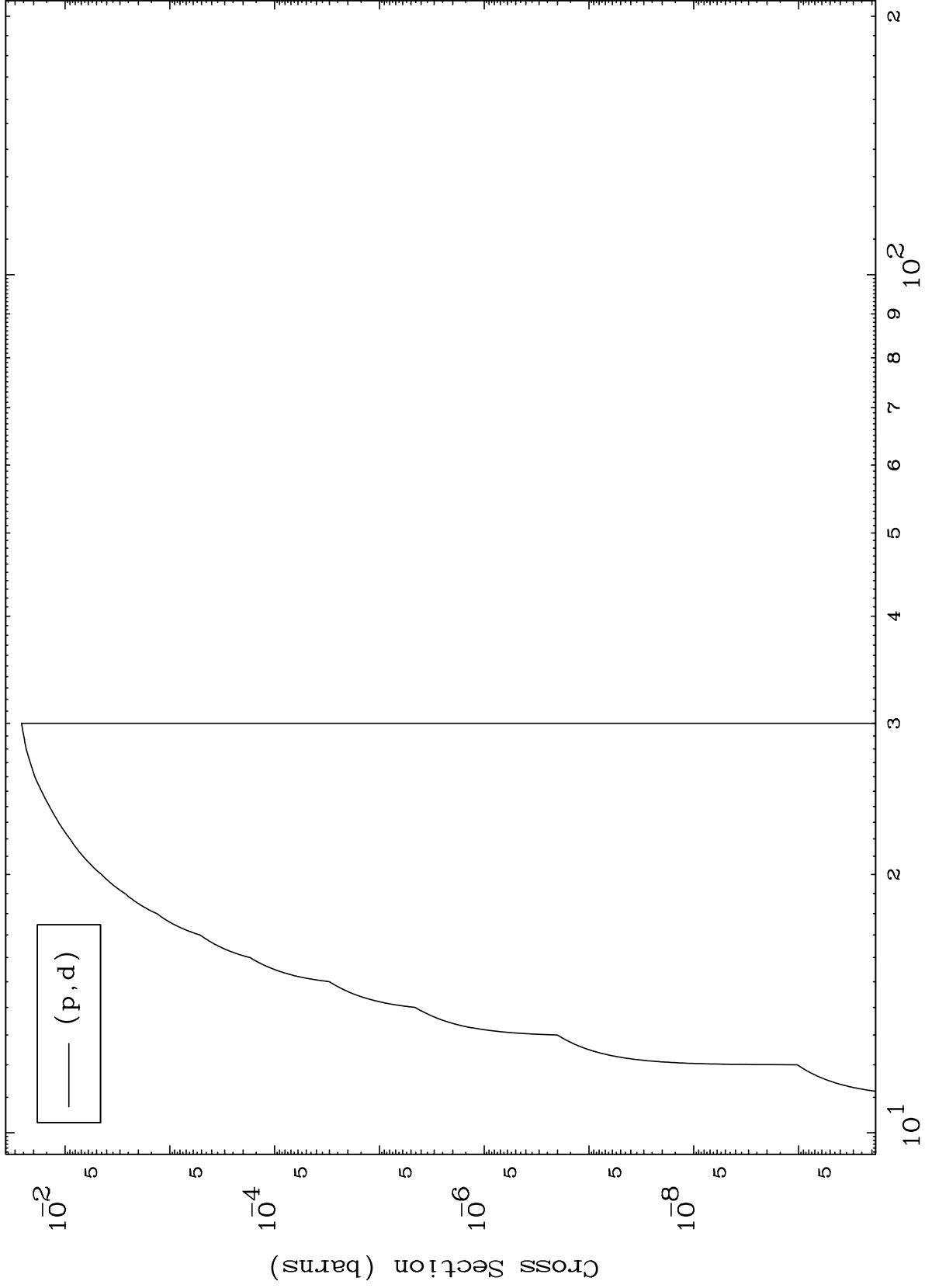
Incident Energy (MeV)

6

MAT 4025

(p,d) Levels
0 Kelvin Cross Sections

40-Zr-90



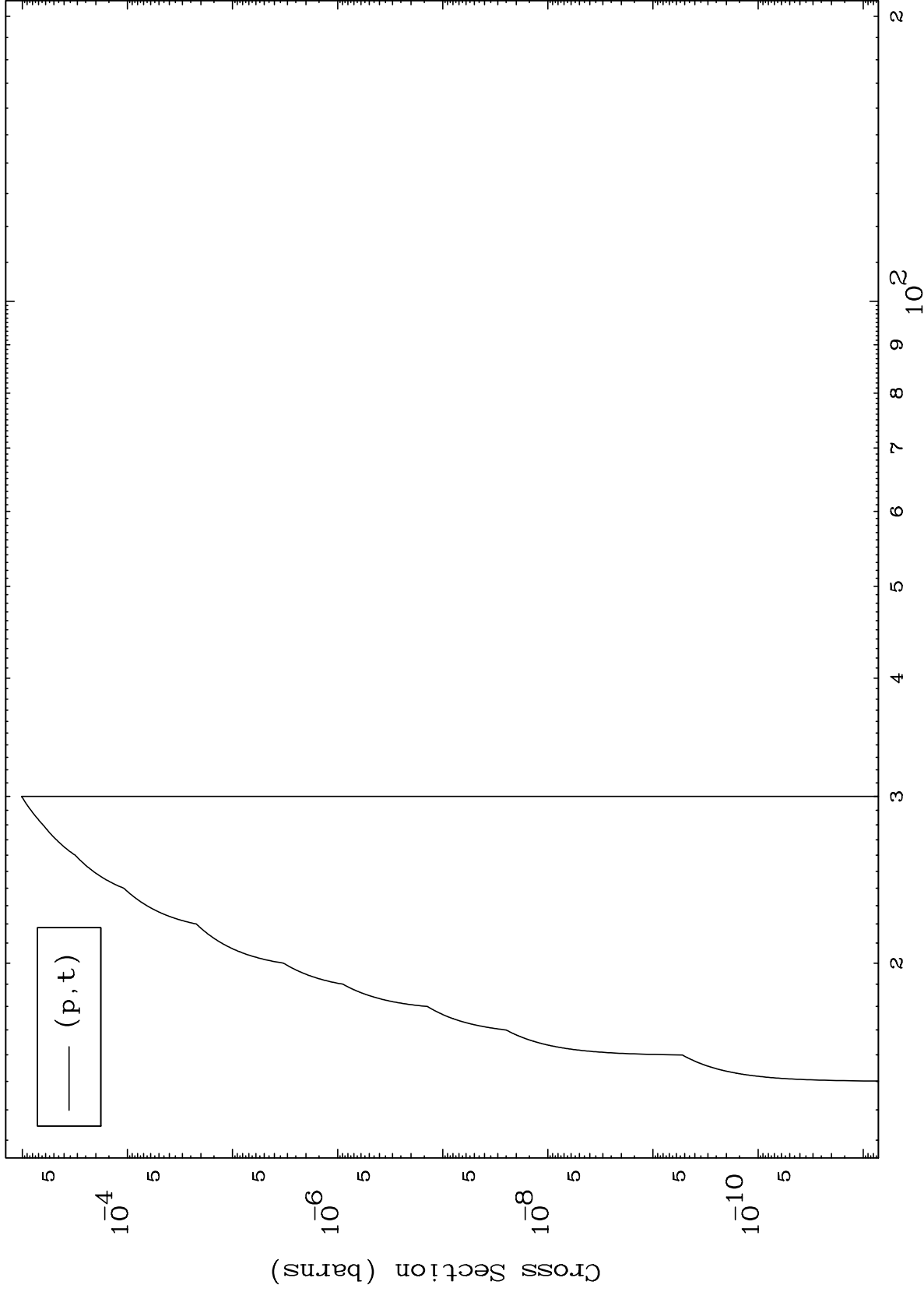
40-Zr-90

Incident Energy (MeV)

MAT 4025

(p,t) Levels
0 Kelvin Cross Sections

40-Zr-90



8

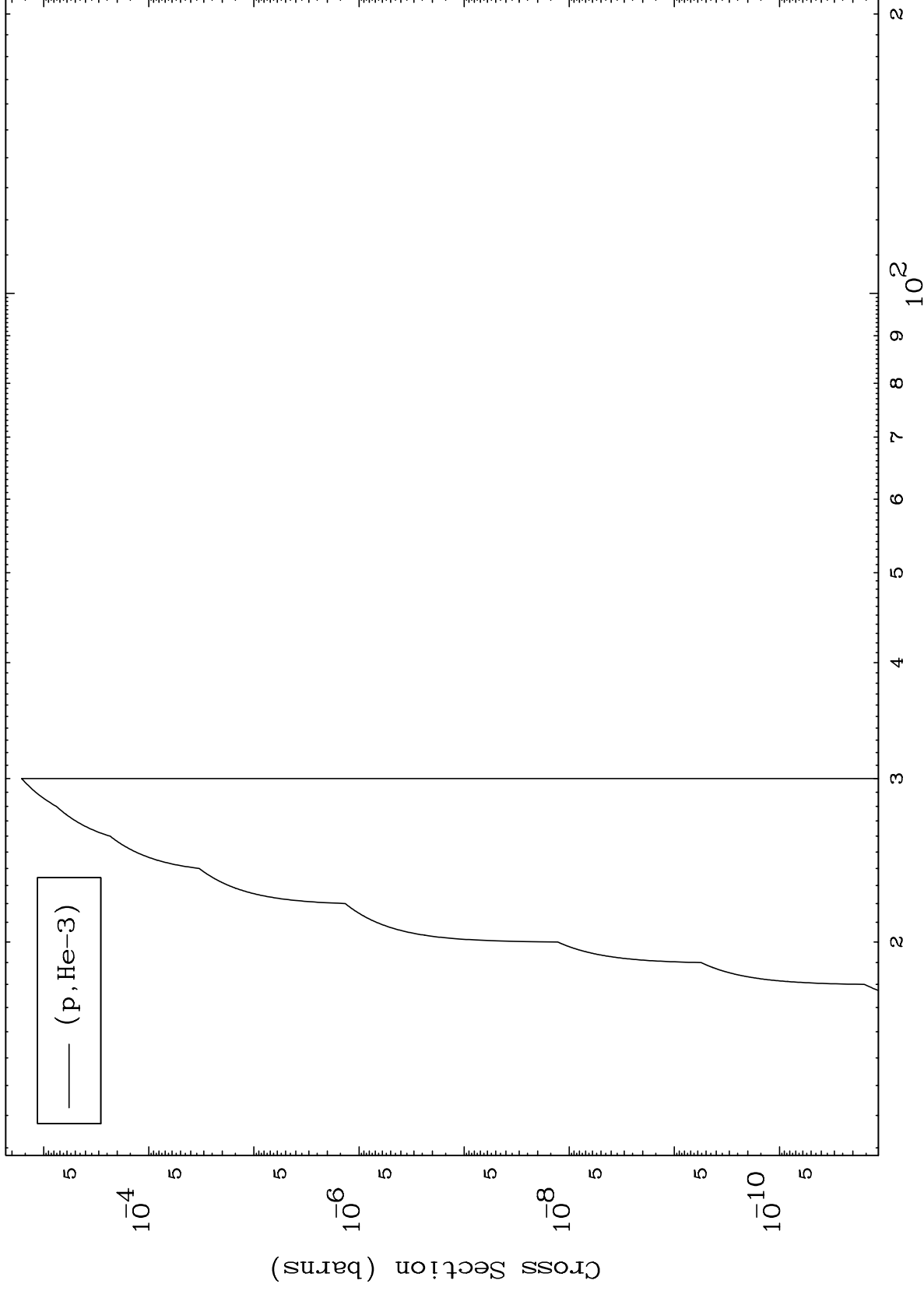
Incident Energy (MeV)

40-Zr-90

MAT 4025

(p,He3) Levels
0 Kelvin Cross Sections

40-Zr-90

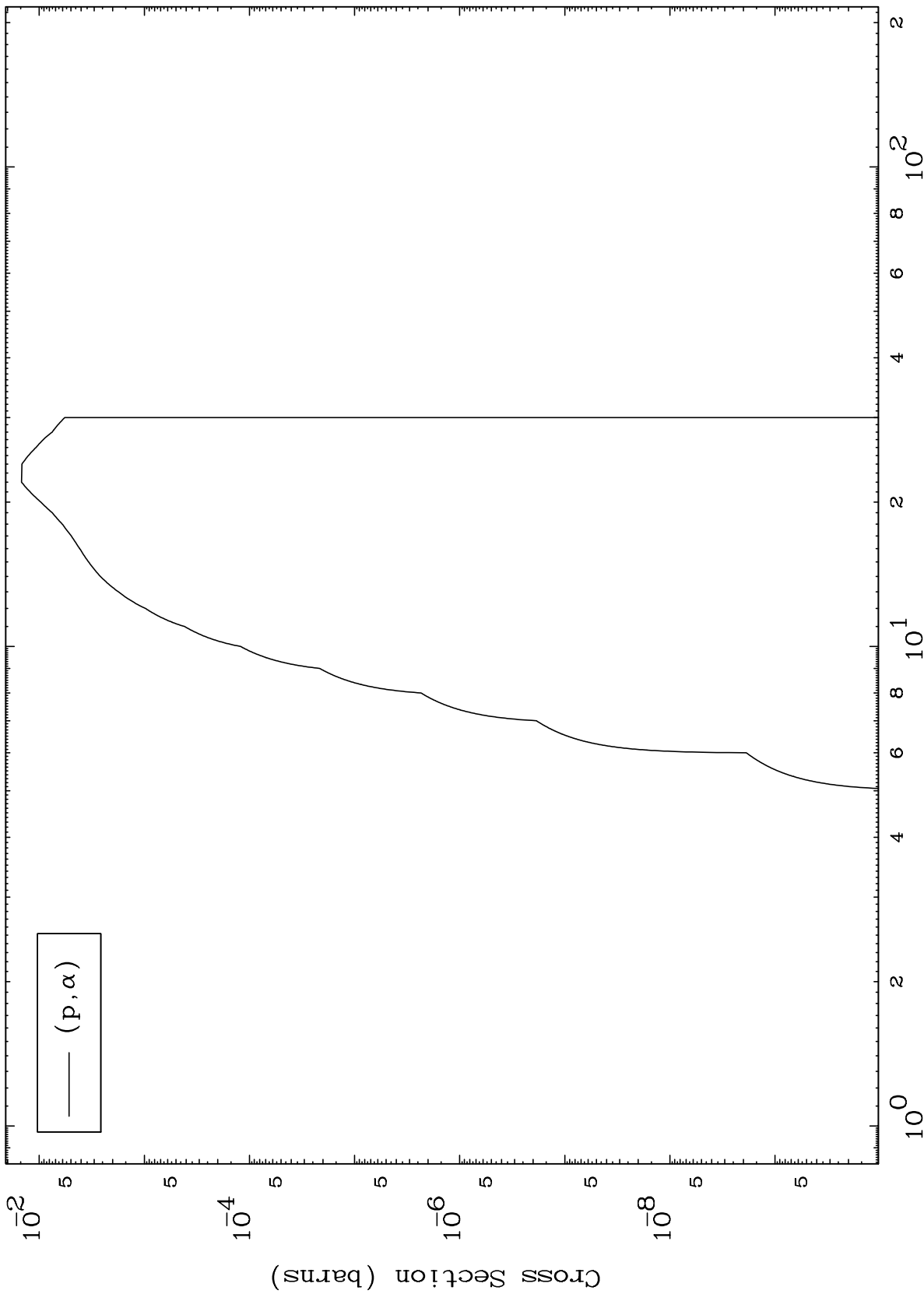


MAT 4025

(p, α) Levels

40-Zr-90

0 Kelvin Cross Sections



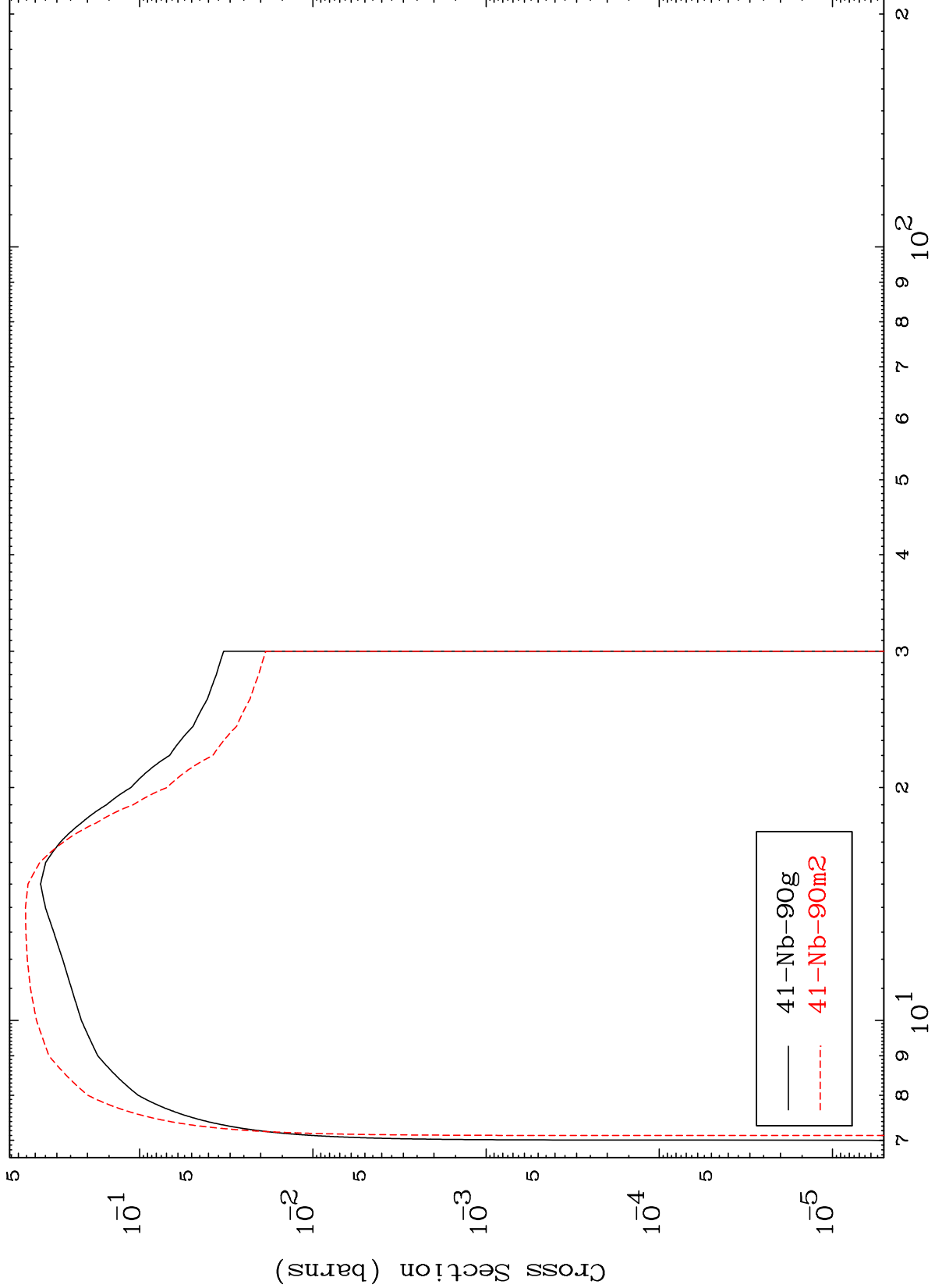
Incident Energy (MeV)

40-Zr-90

MAT 4025

Proton Inelastic
Radionuclide Production Cross Section

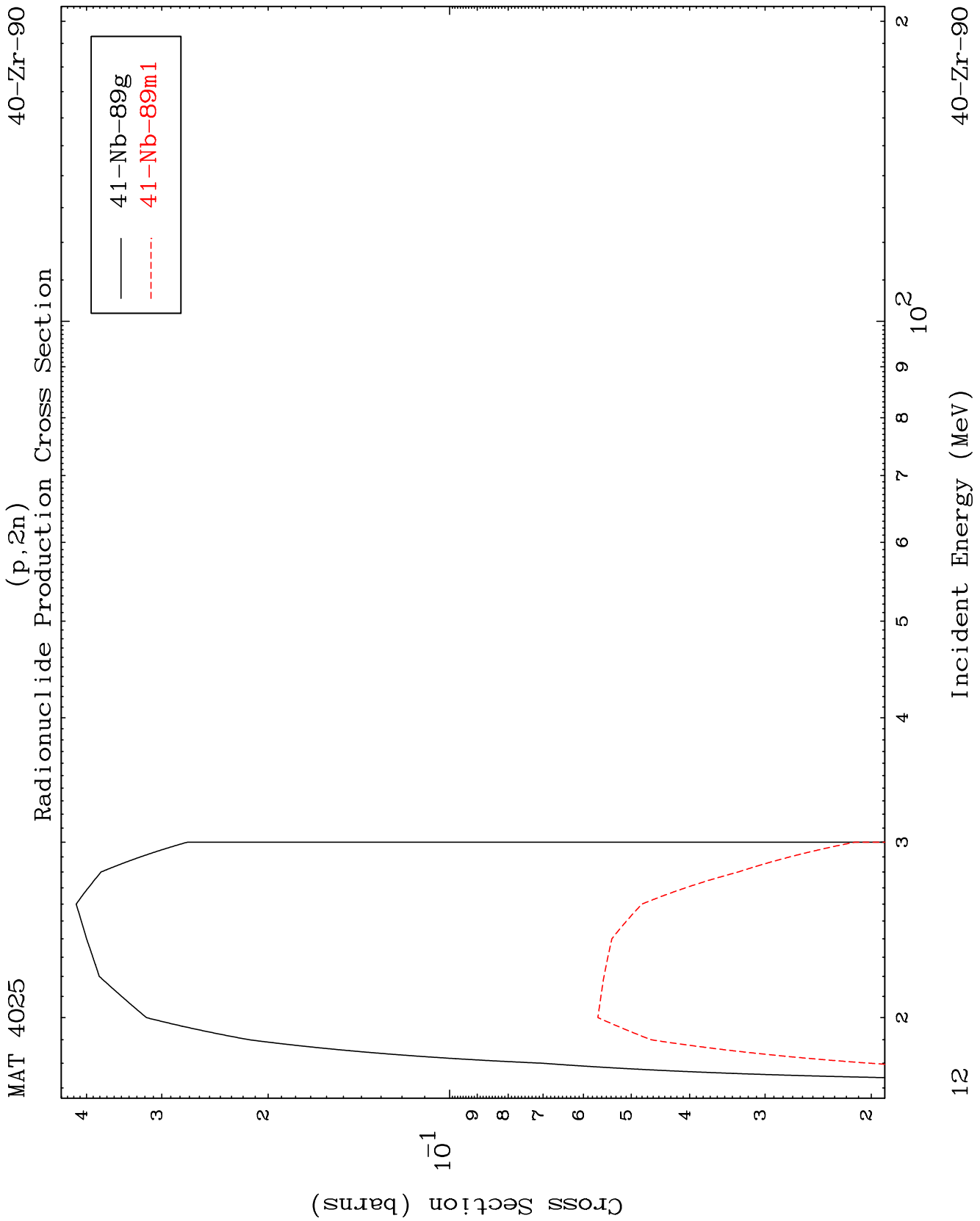
40-Zr-90



11

Incident Energy (MeV)

40-Zr-90

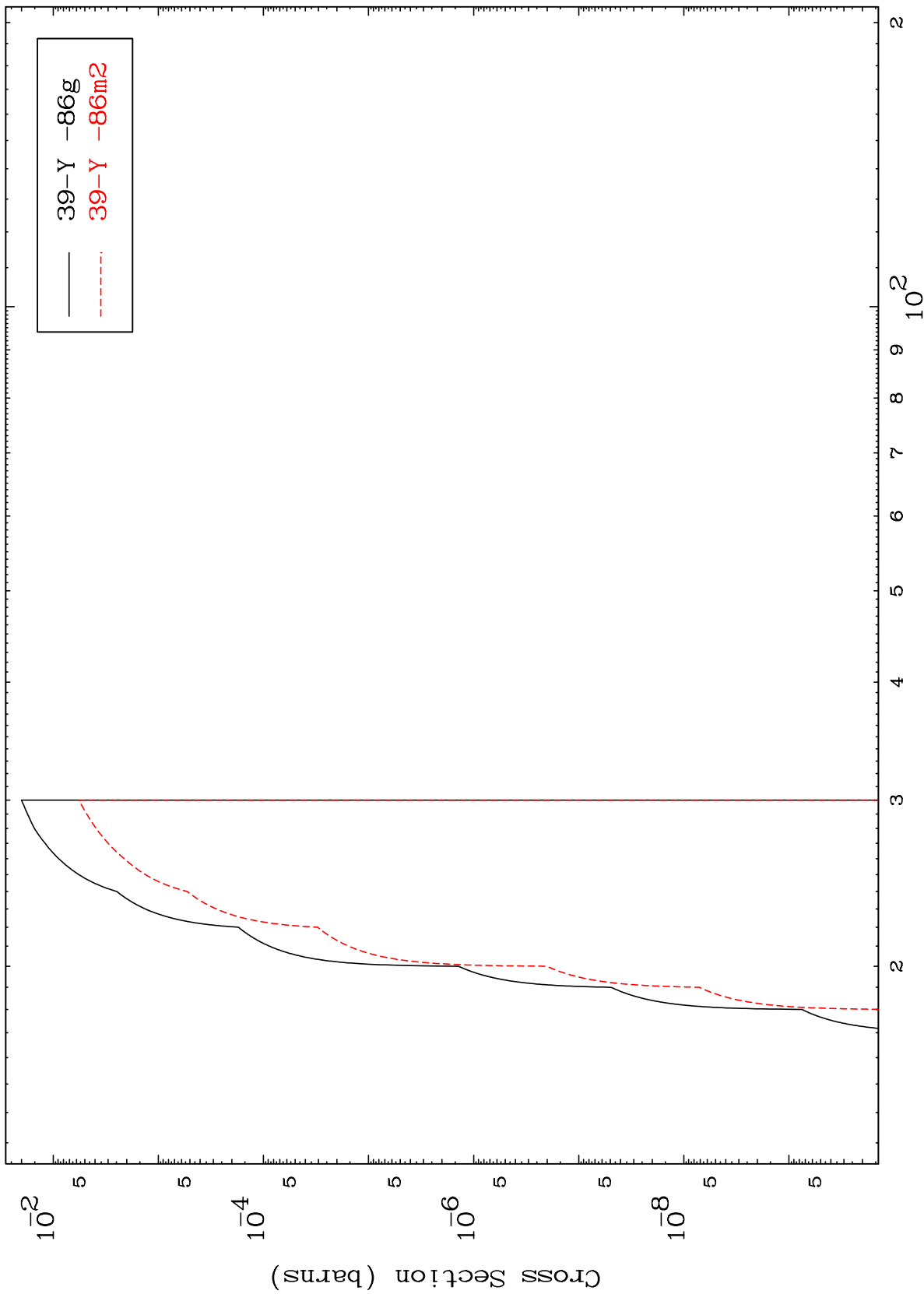


MAT 4025

(p,n') α

40-Zr-90

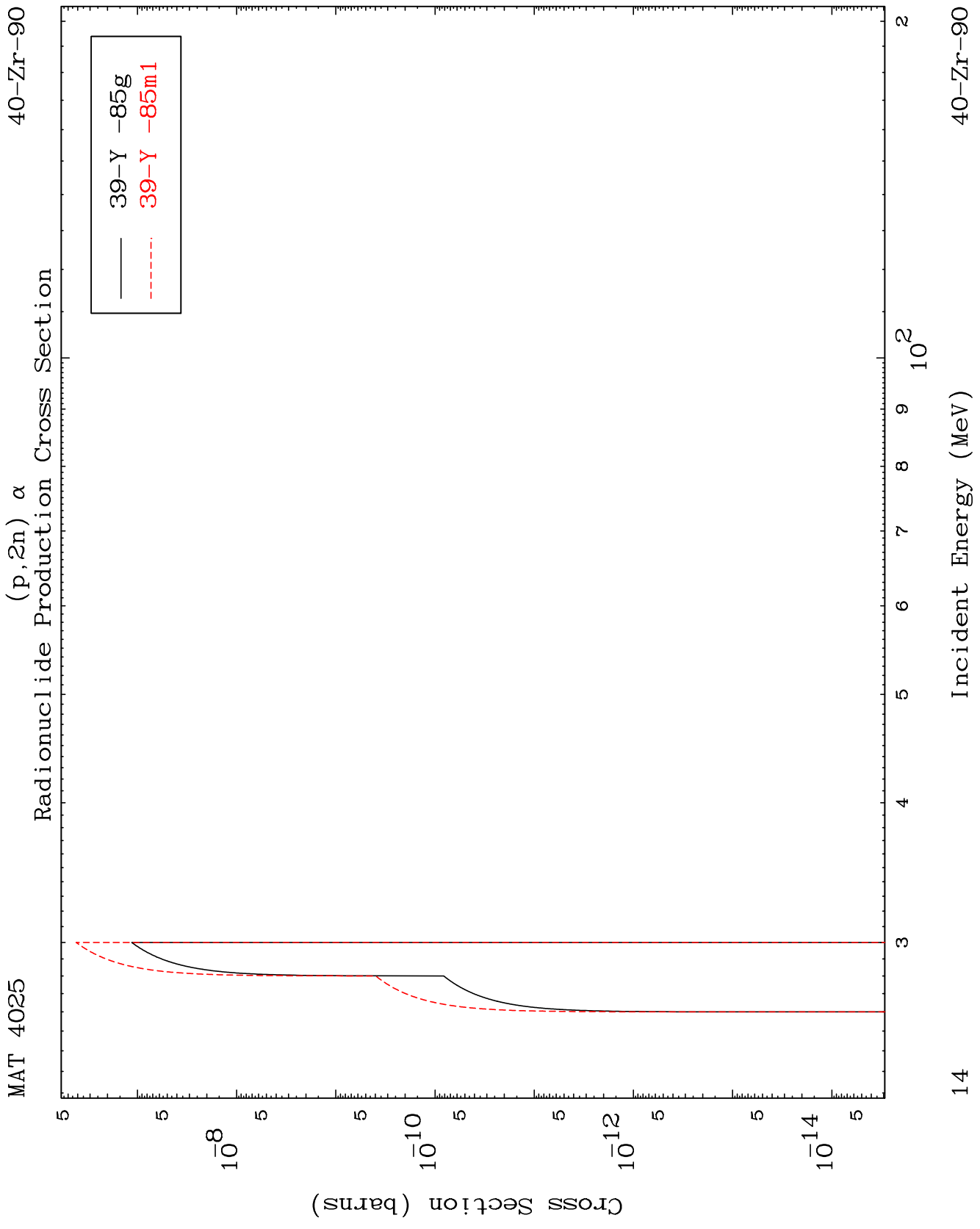
Radionuclide Production Cross Section

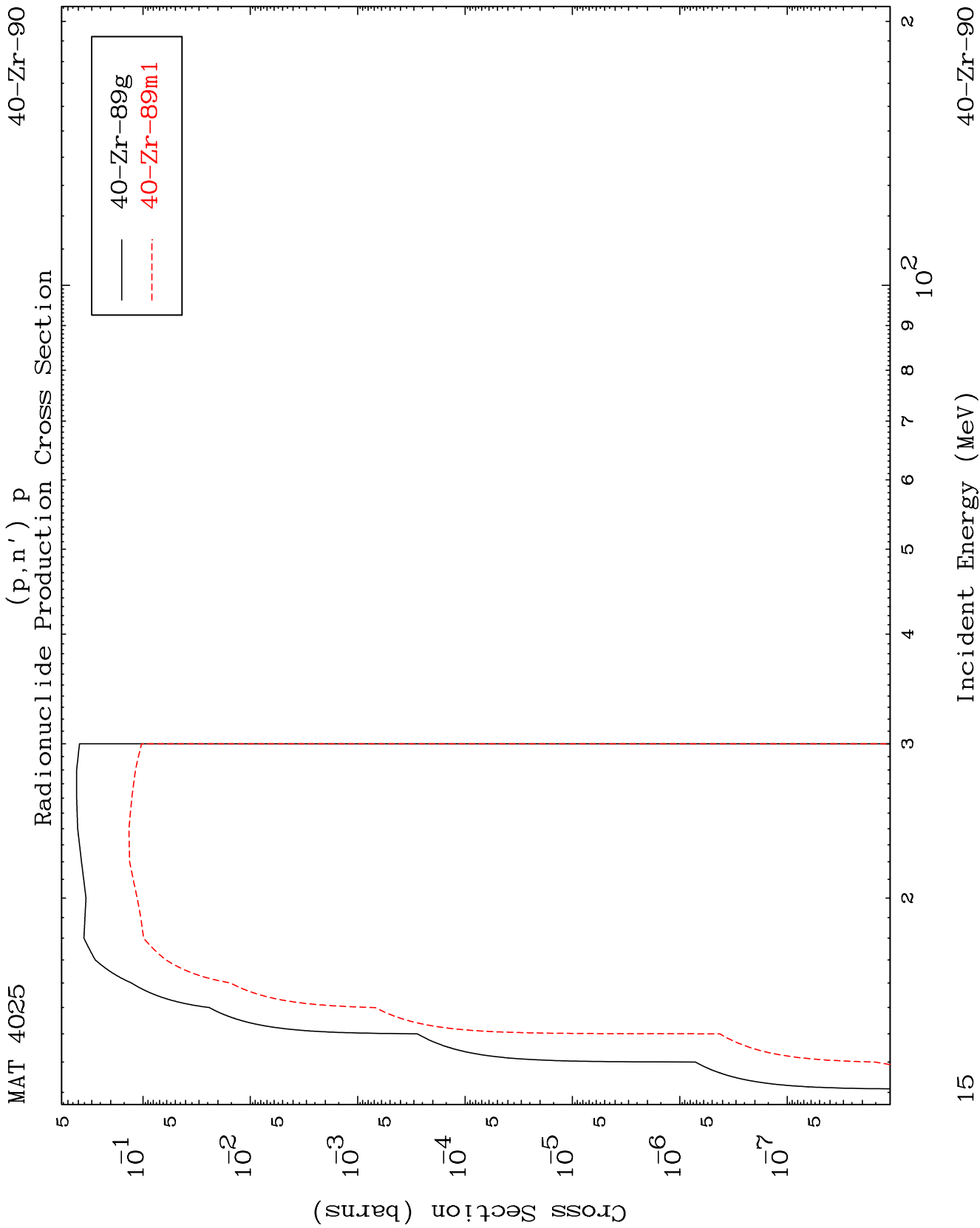


13

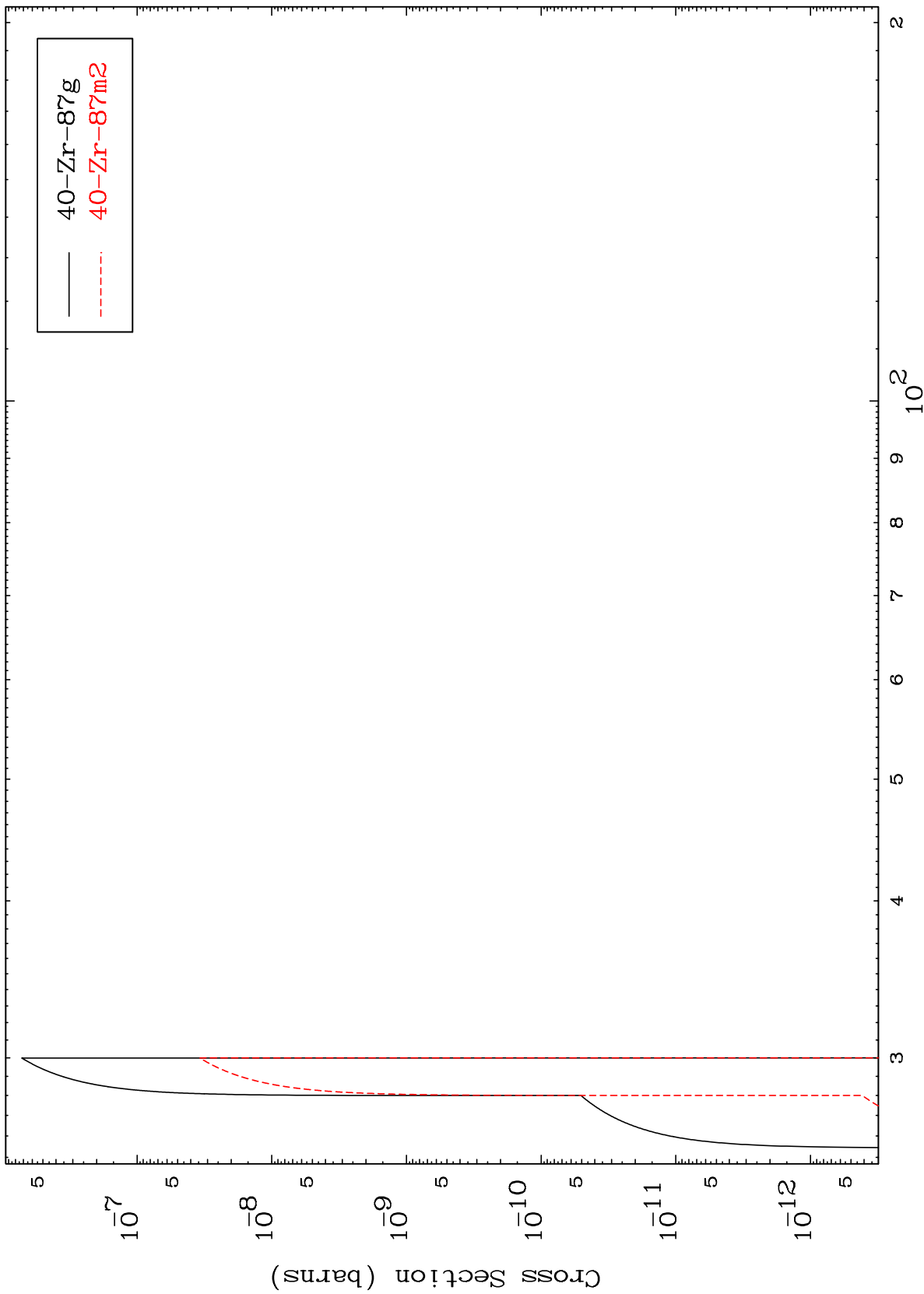
Incident Energy (MeV)

40-Zr-90

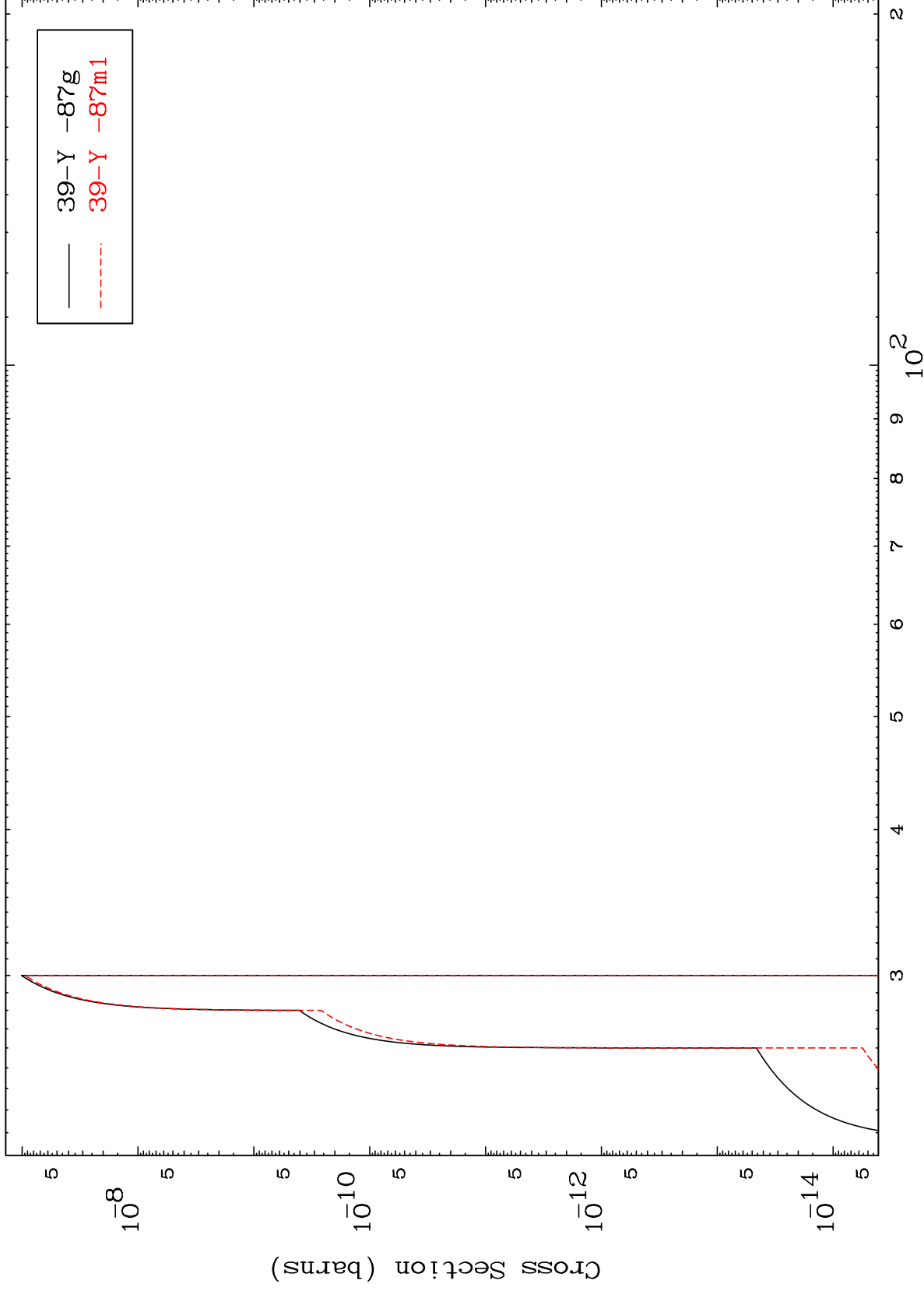




Radionuclide Production Cross Section



Radionuclide Production Cross Section

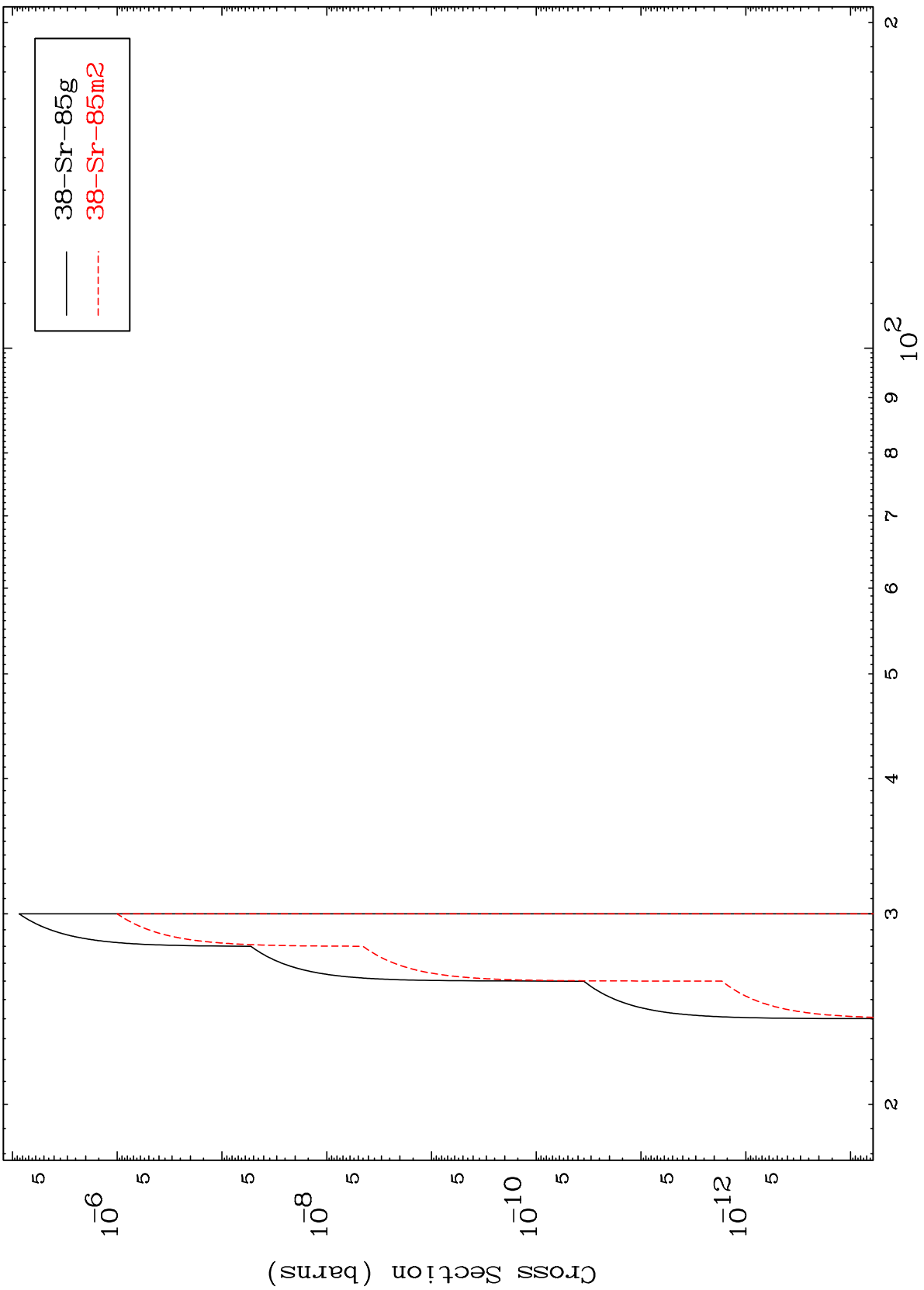


MAT 4025

(p,n') p α

40-Zr-90

Radionuclide Production Cross Section



18

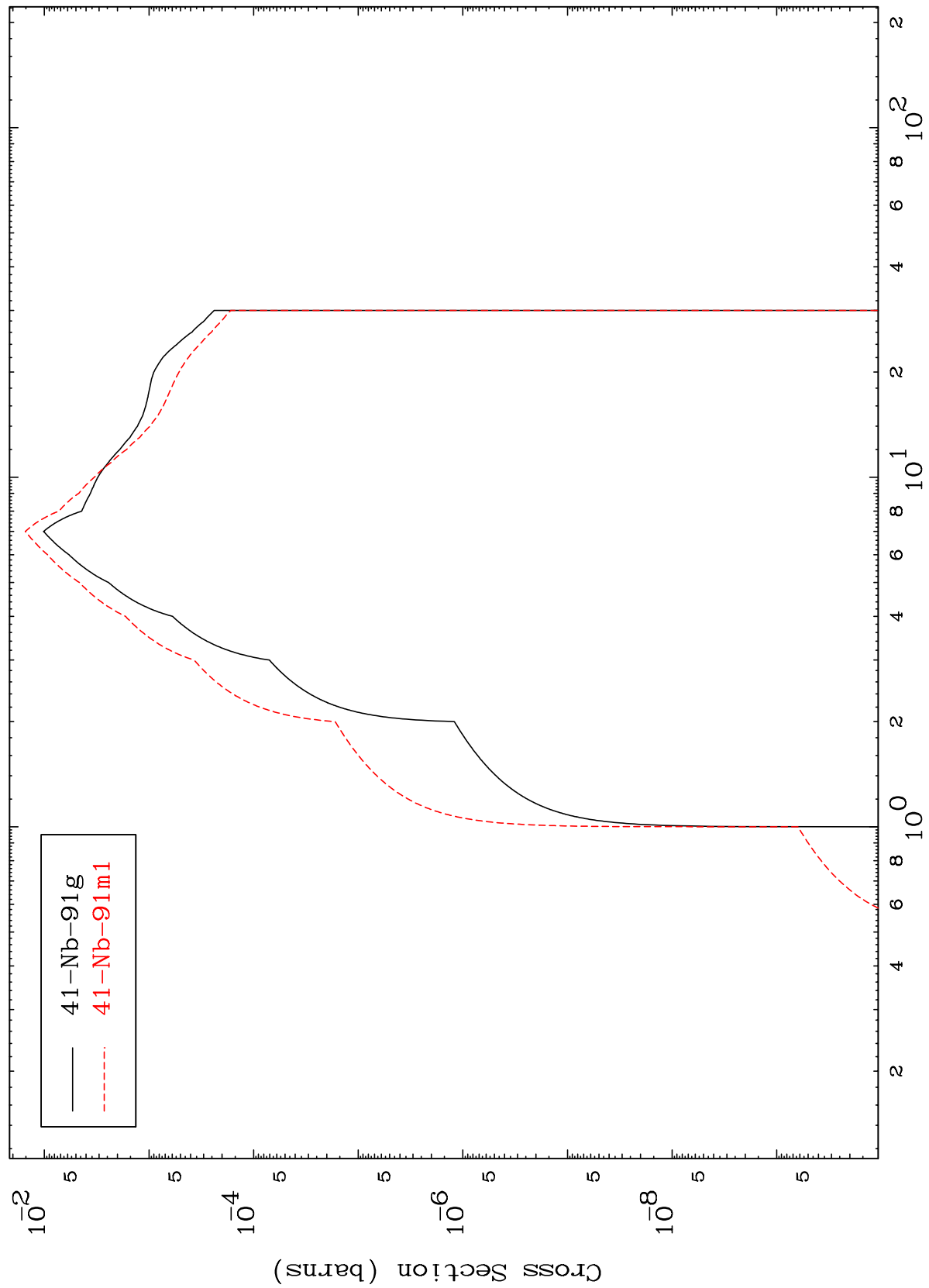
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

Radionuclide Production Cross Section
(p, γ)



— 41-Nb-91g
- - - 41-Nb-91m1

40-Zr-90

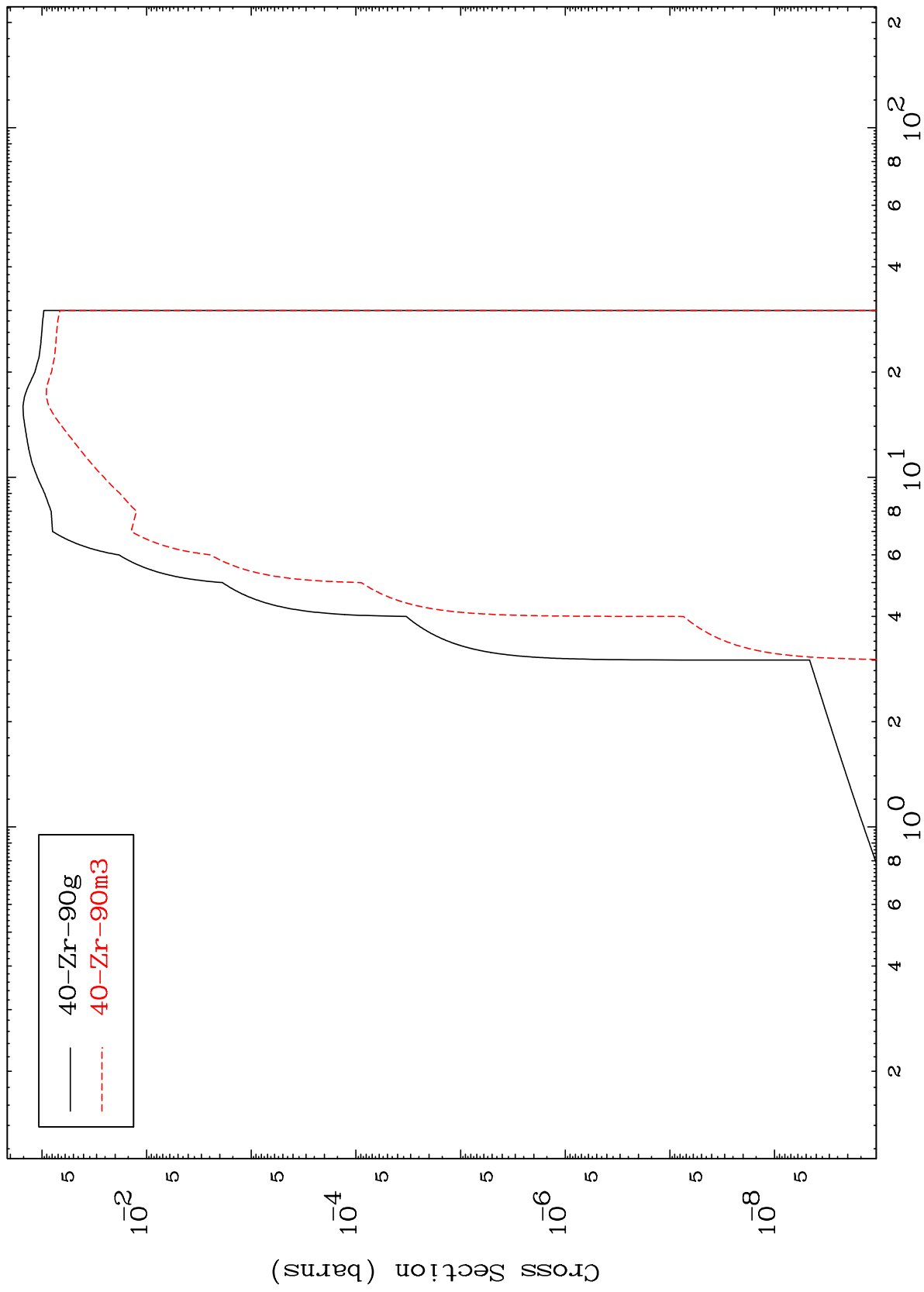
Incident Energy (MeV)

19

MAT 4025

40-Zr-90

Radionuclide Production Cross Section (p,p)



20

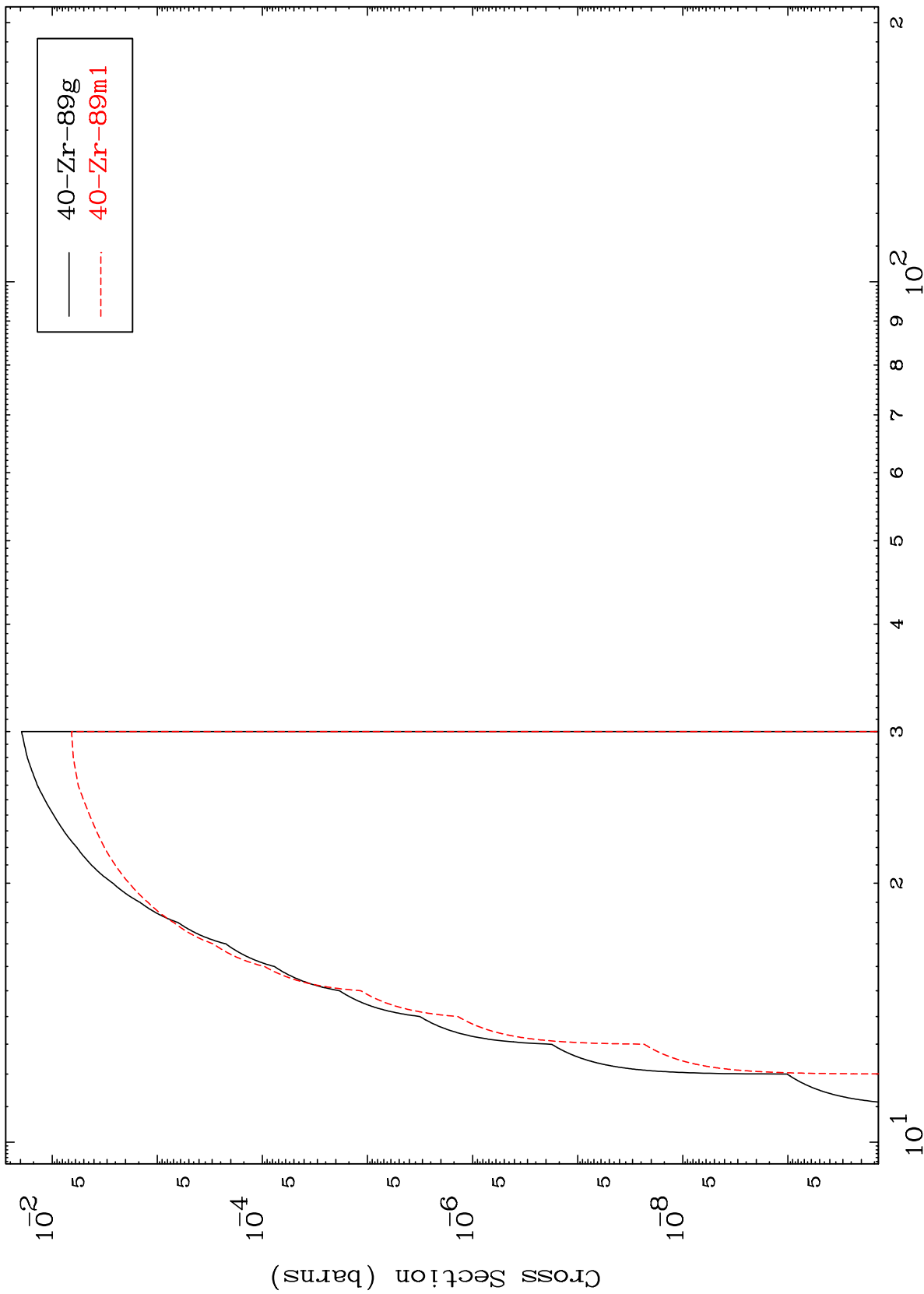
Incident Energy (MeV)

40-Zr-90

MAT 4025

40-Zr-90

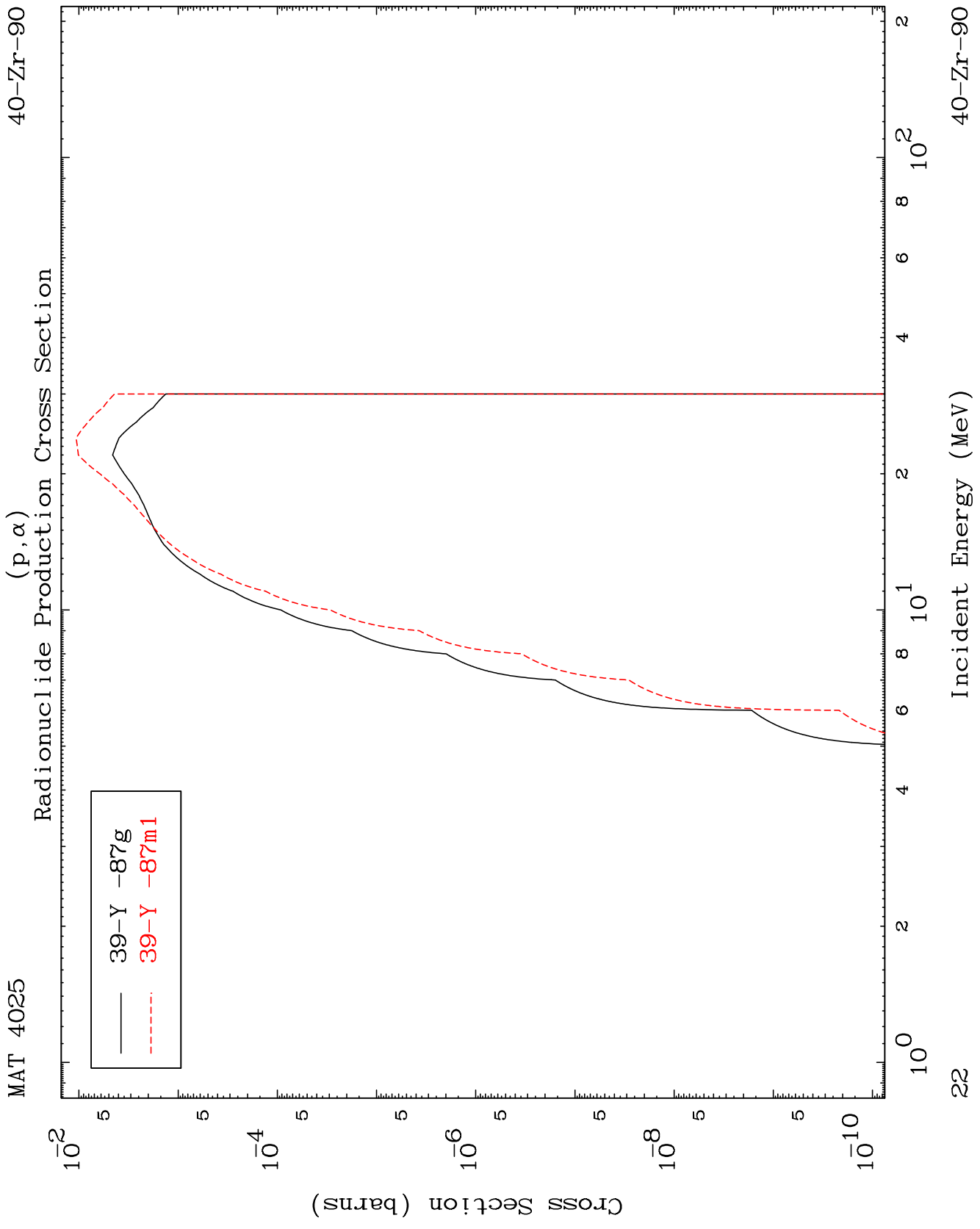
(p,d)
Radionuclide Production Cross Section



40-Zr-90

Incident Energy (MeV)

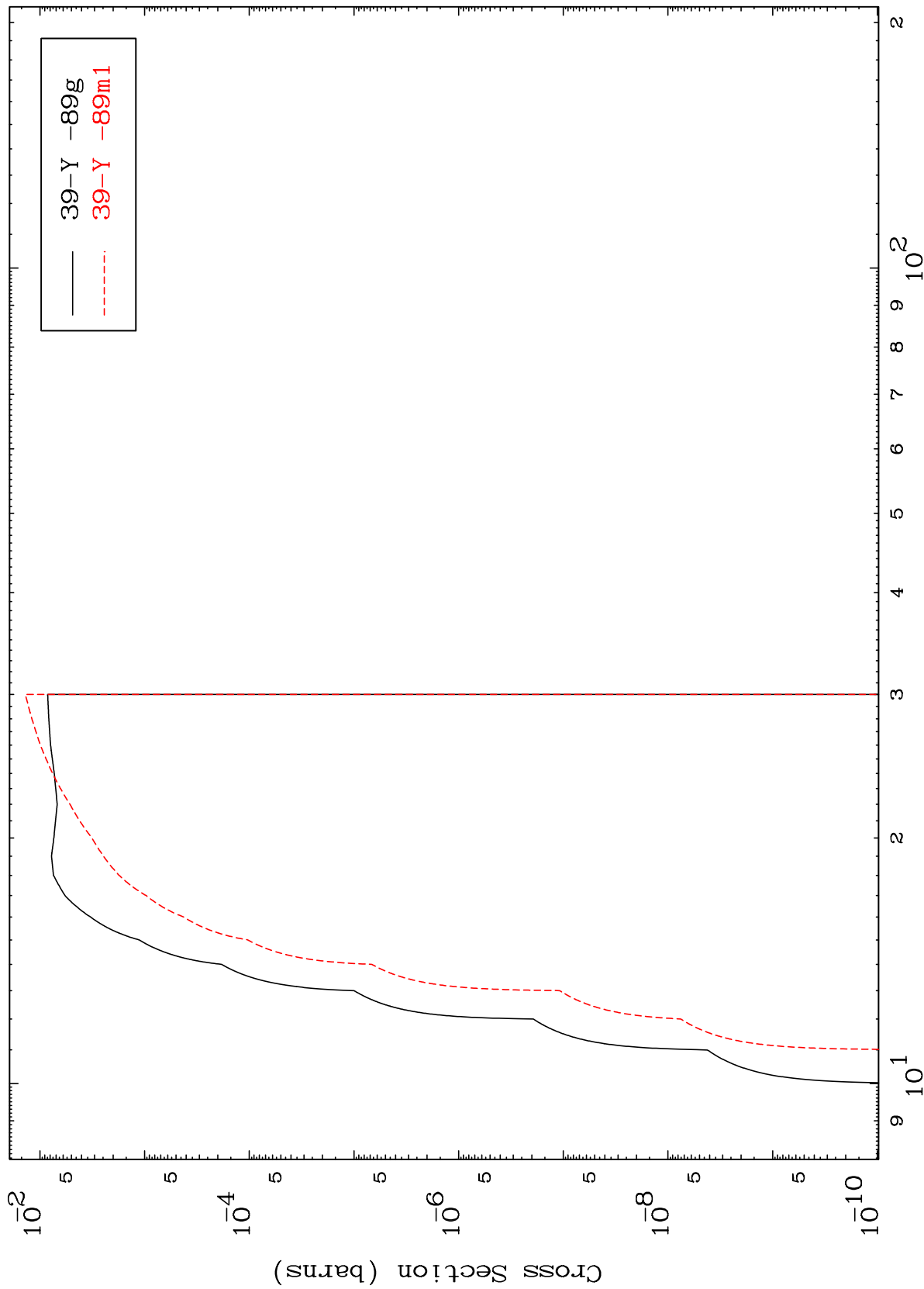
21



MAT 4025

40-Zr-90

(p,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

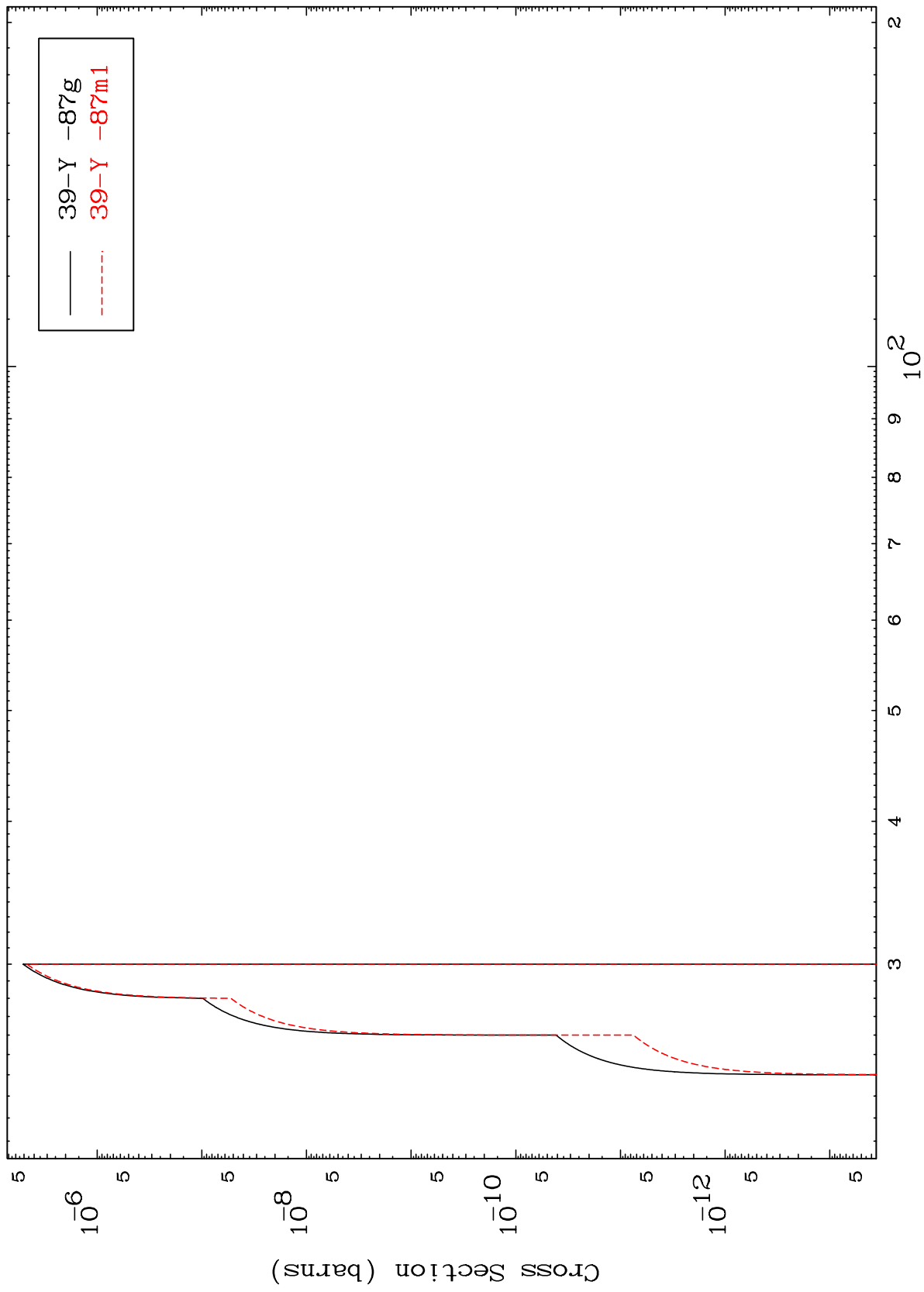
40-Zr-90

MAT 4025

(p,p) t

40-Zr-90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

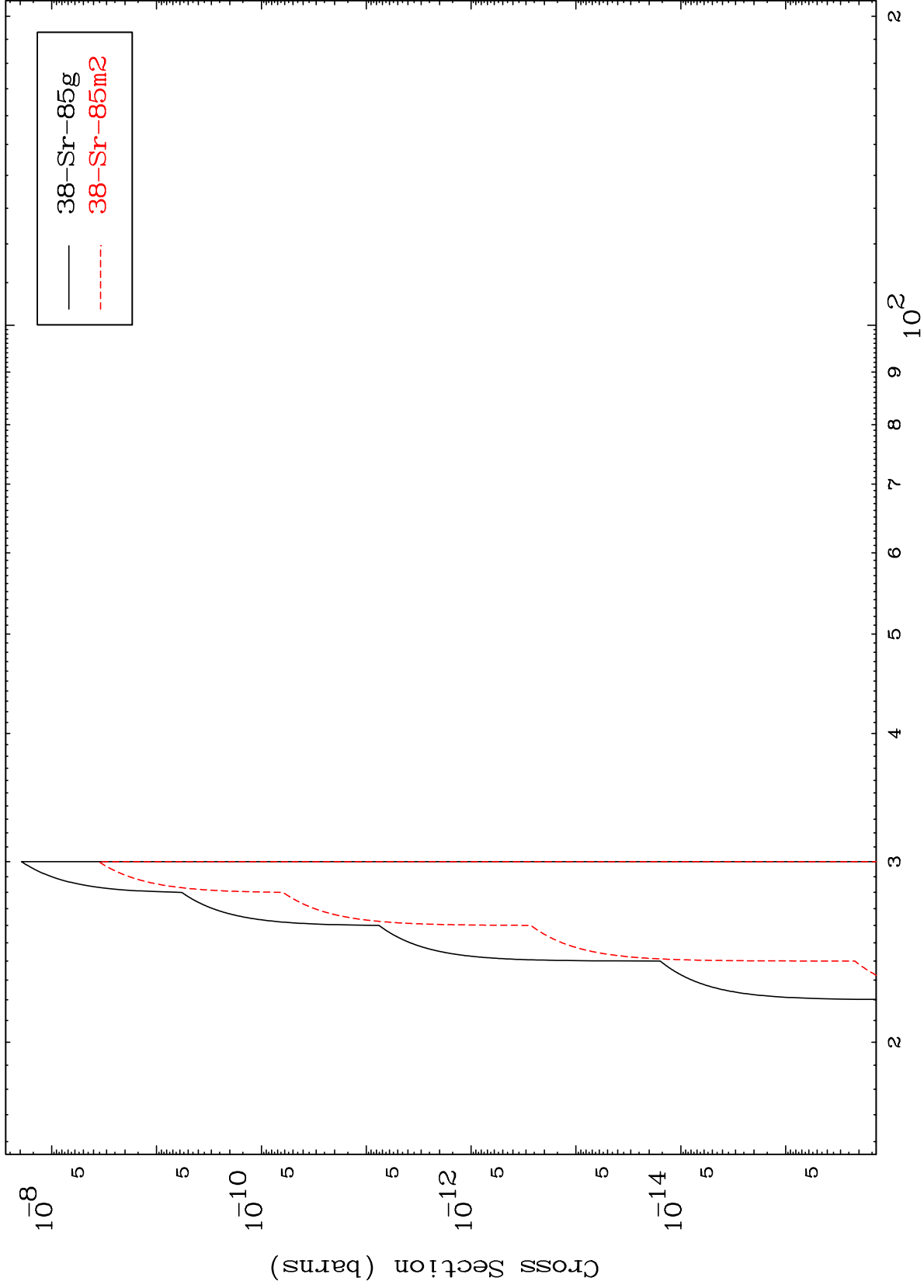
40-Zr-90

MAT 4025

(p,d) α

40-Zr-90

Radionuclide Production Cross Section



25

Incident Energy (MeV)

40-Zr-90