

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

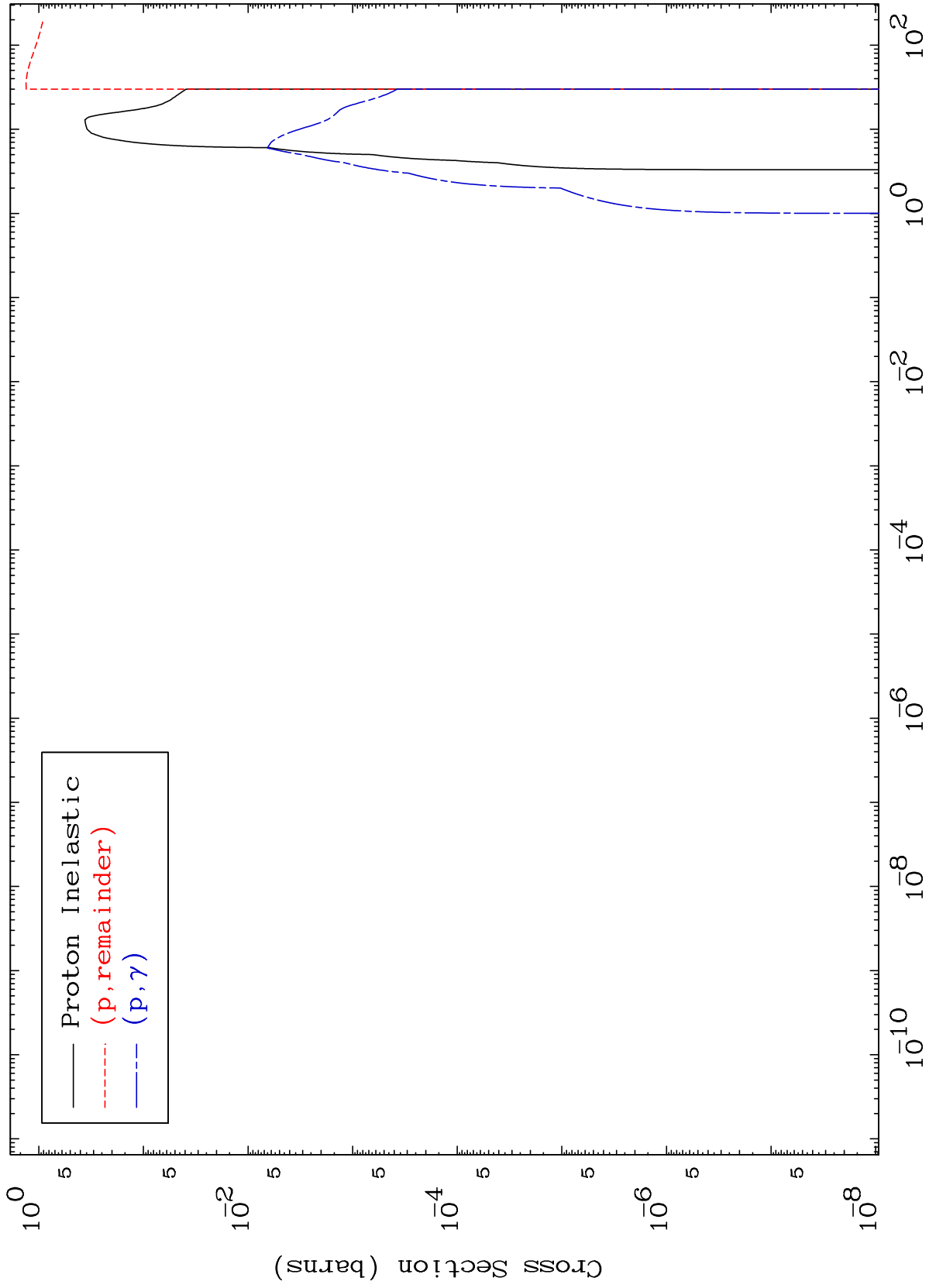
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4116

Proton Major
0 Kelvin Cross Sections

41-Nb-90



1

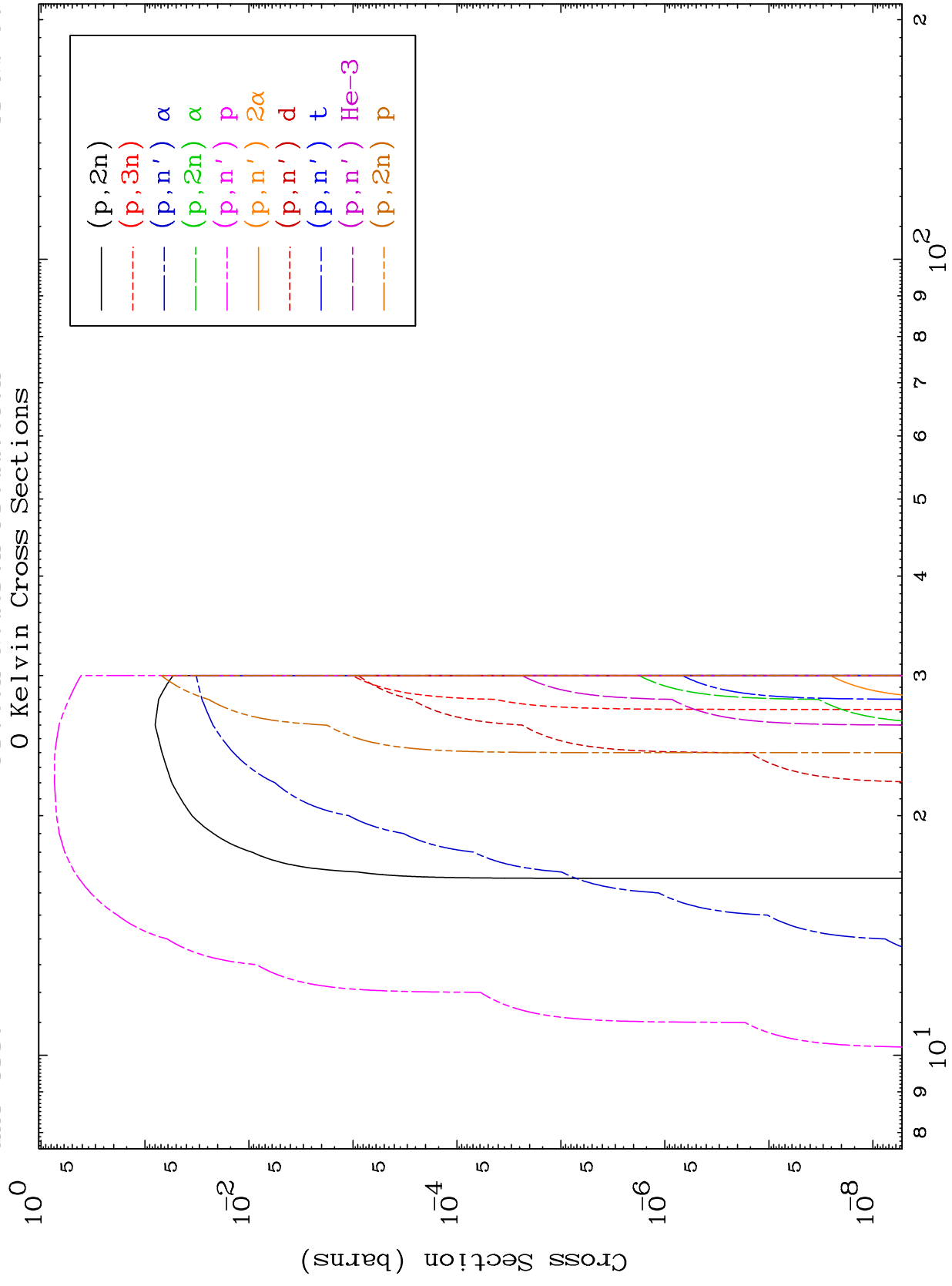
Incident Energy (MeV)

41-Nb-90

MAT 4116

Proton Neutron Production
0 Kelvin Cross Sections

41-Nb-90



2

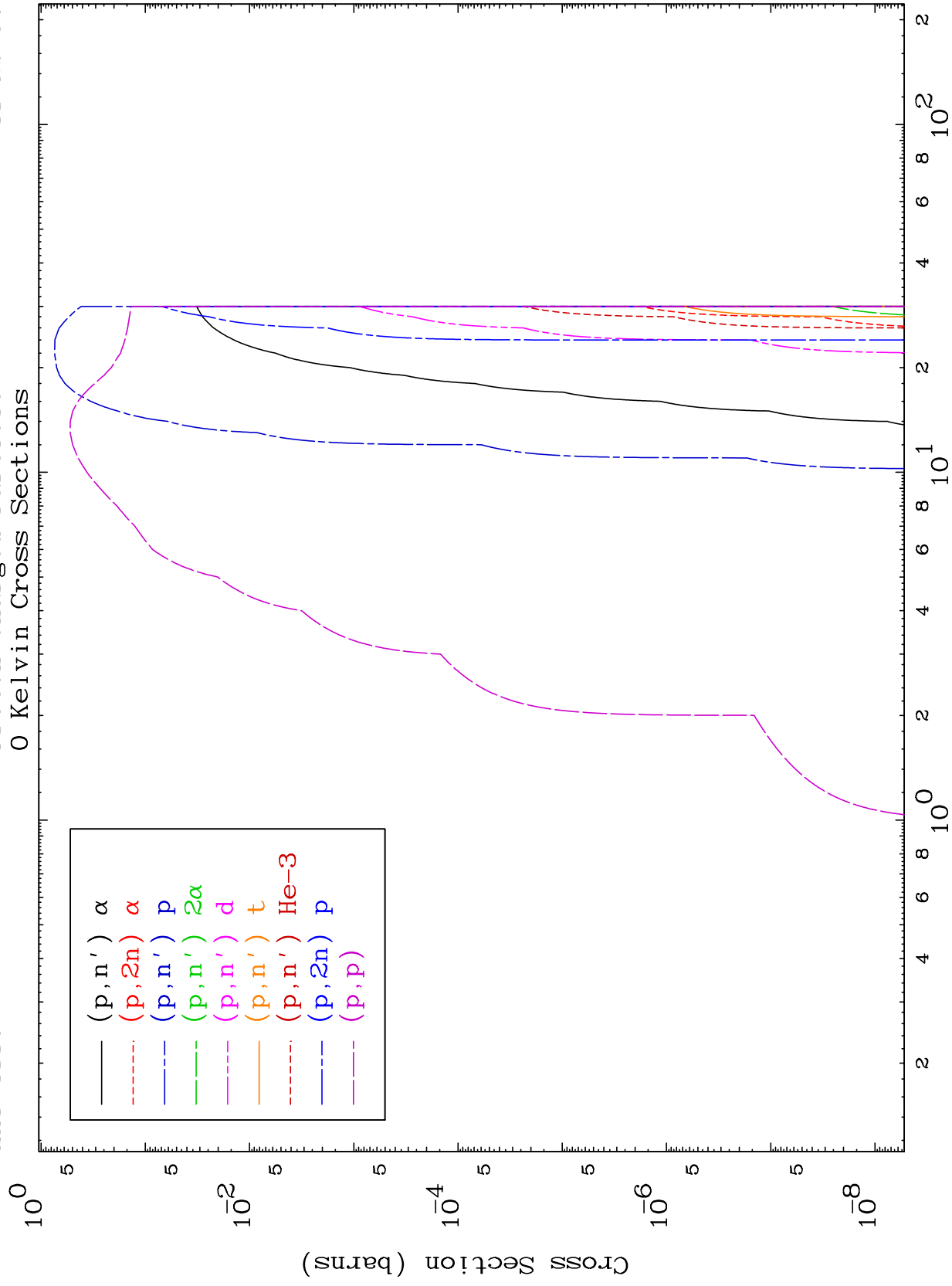
Incident Energy (MeV)

41-Nb-90

MAT 4116

Proton Charged Particle
0 Kelvin Cross Sections

41-Nb-90



3

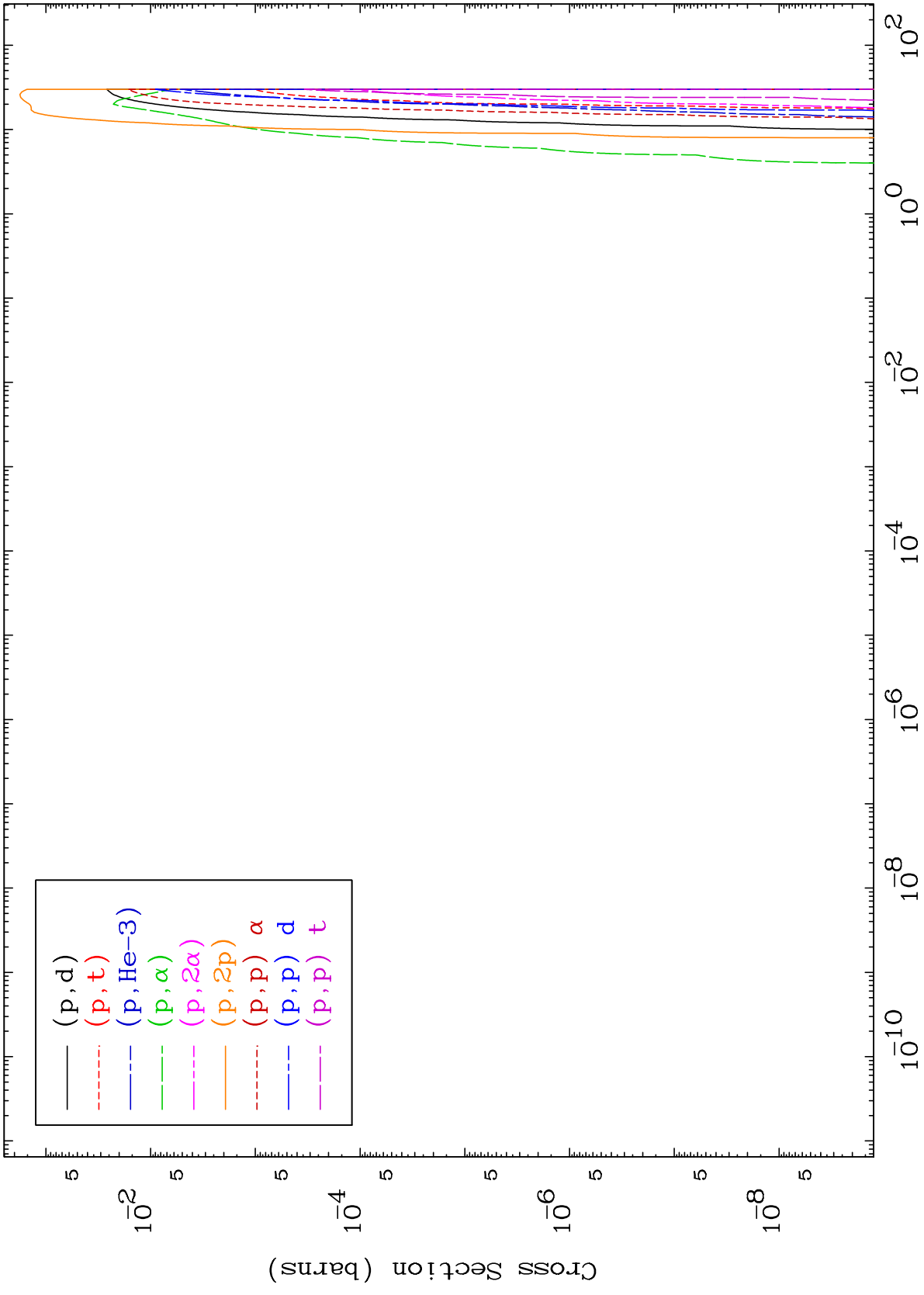
Incident Energy (MeV)

41-Nb-90

MAT 4116

Proton Charged Particle
0 Kelvin Cross Sections

41-Nb-90



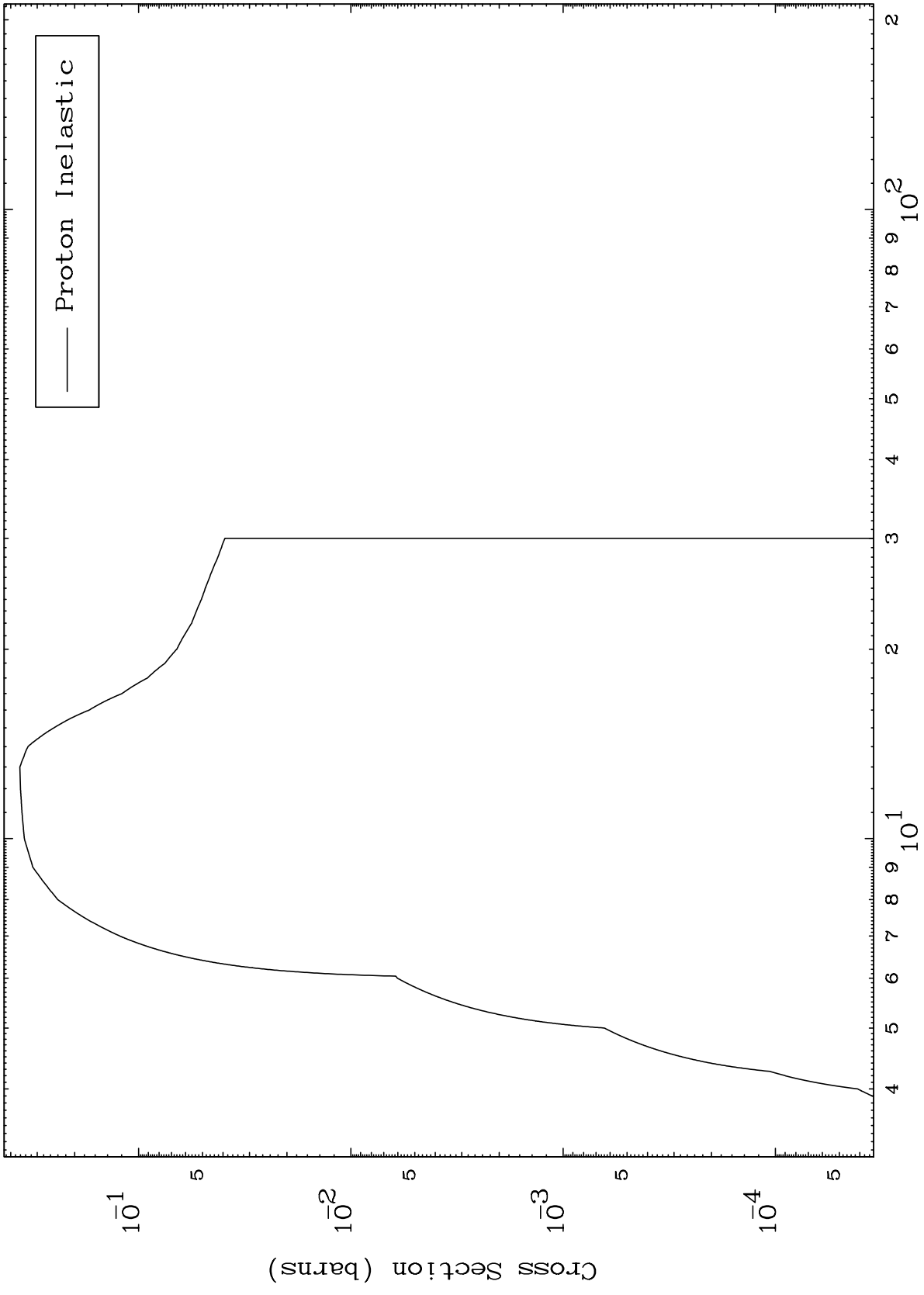
41-Nb-90

Incident Energy (MeV)

MAT 4116

(p,n') Level
0 Kelvin Cross Sections

41-Nb-90



5

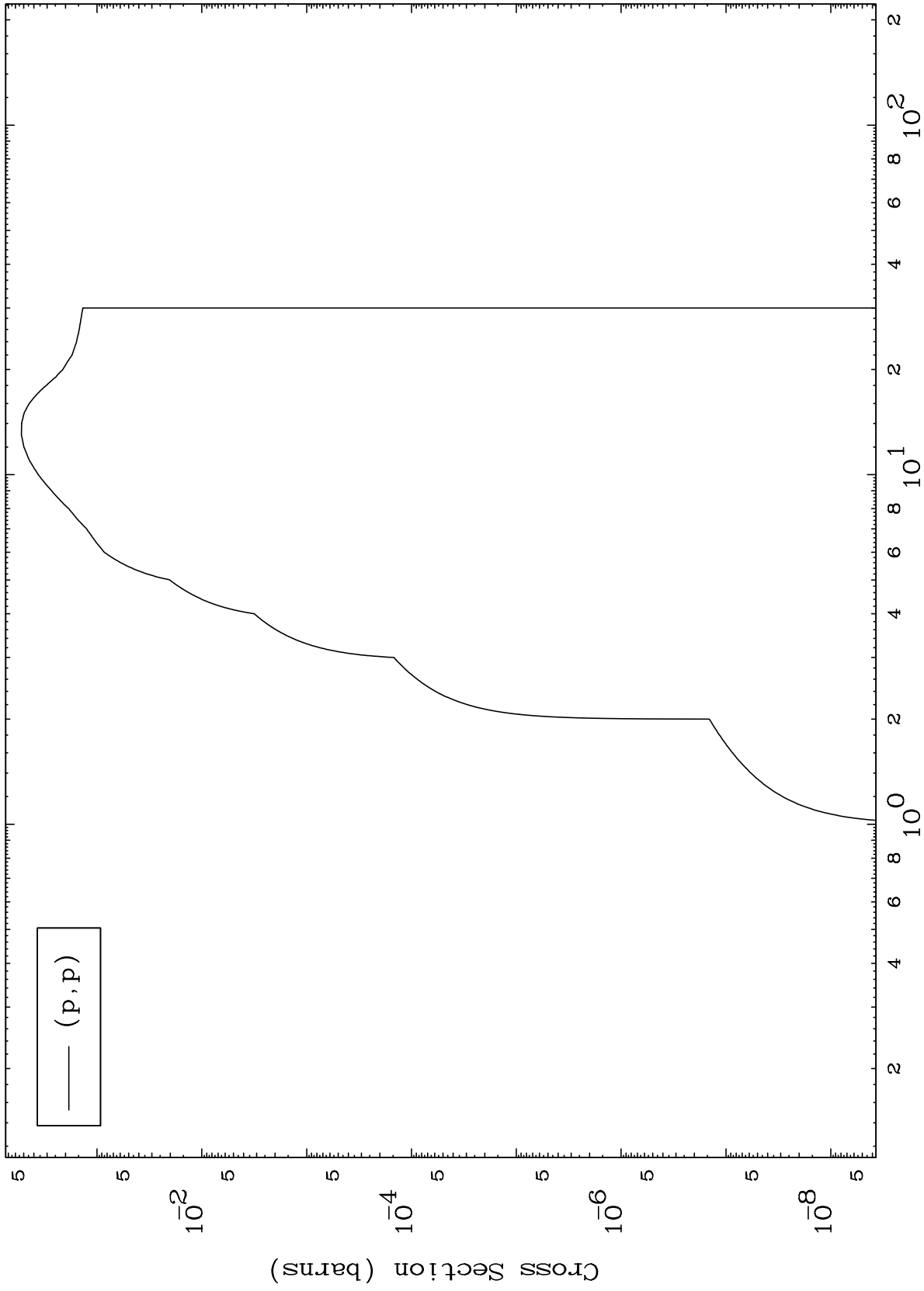
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,p) Levels
0 Kelvin Cross Sections

41-Nb-90



6

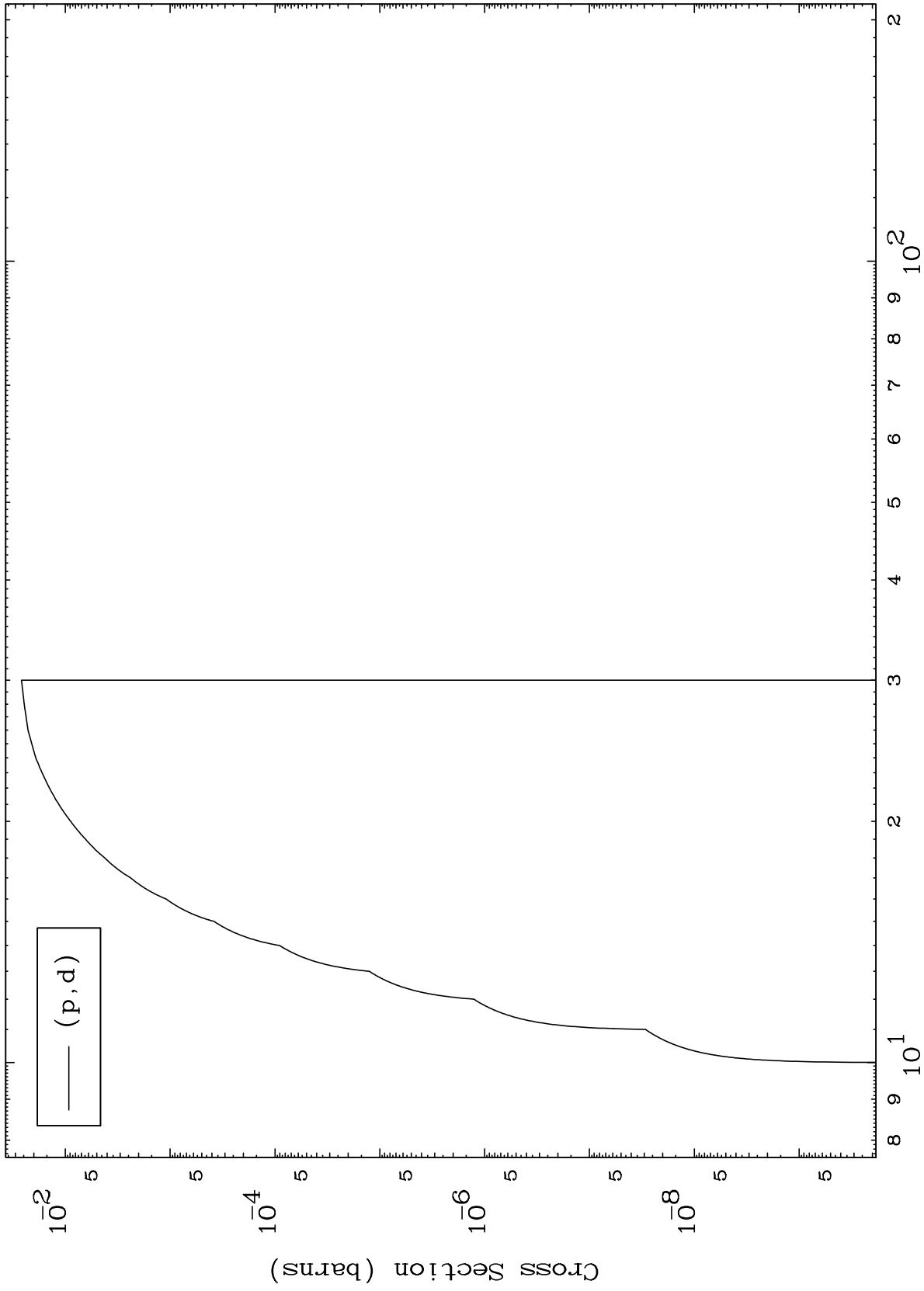
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,d) Levels
0 Kelvin Cross Sections

41-Nb-90



7

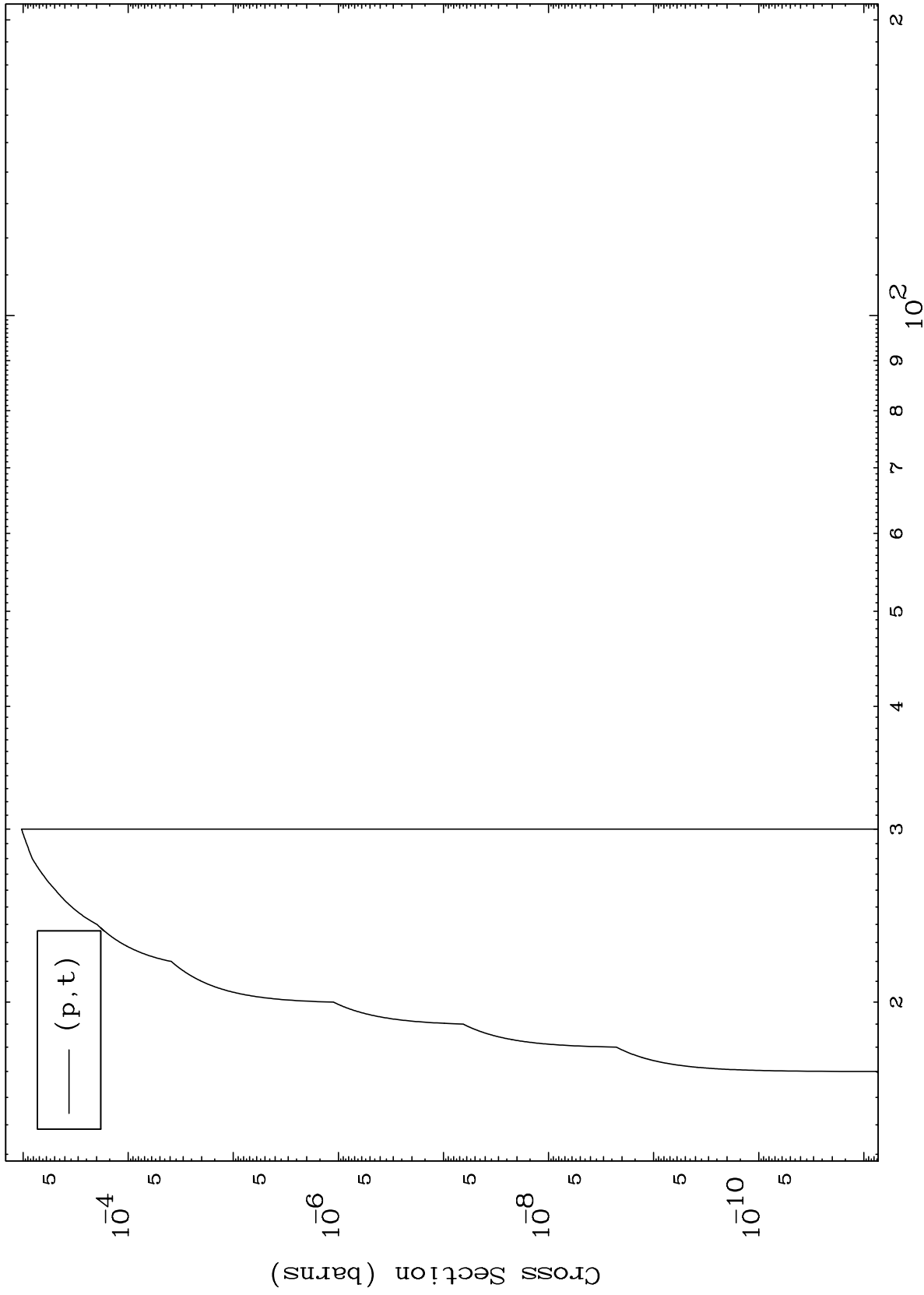
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,t) Levels
0 Kelvin Cross Sections

41-Nb-90



8

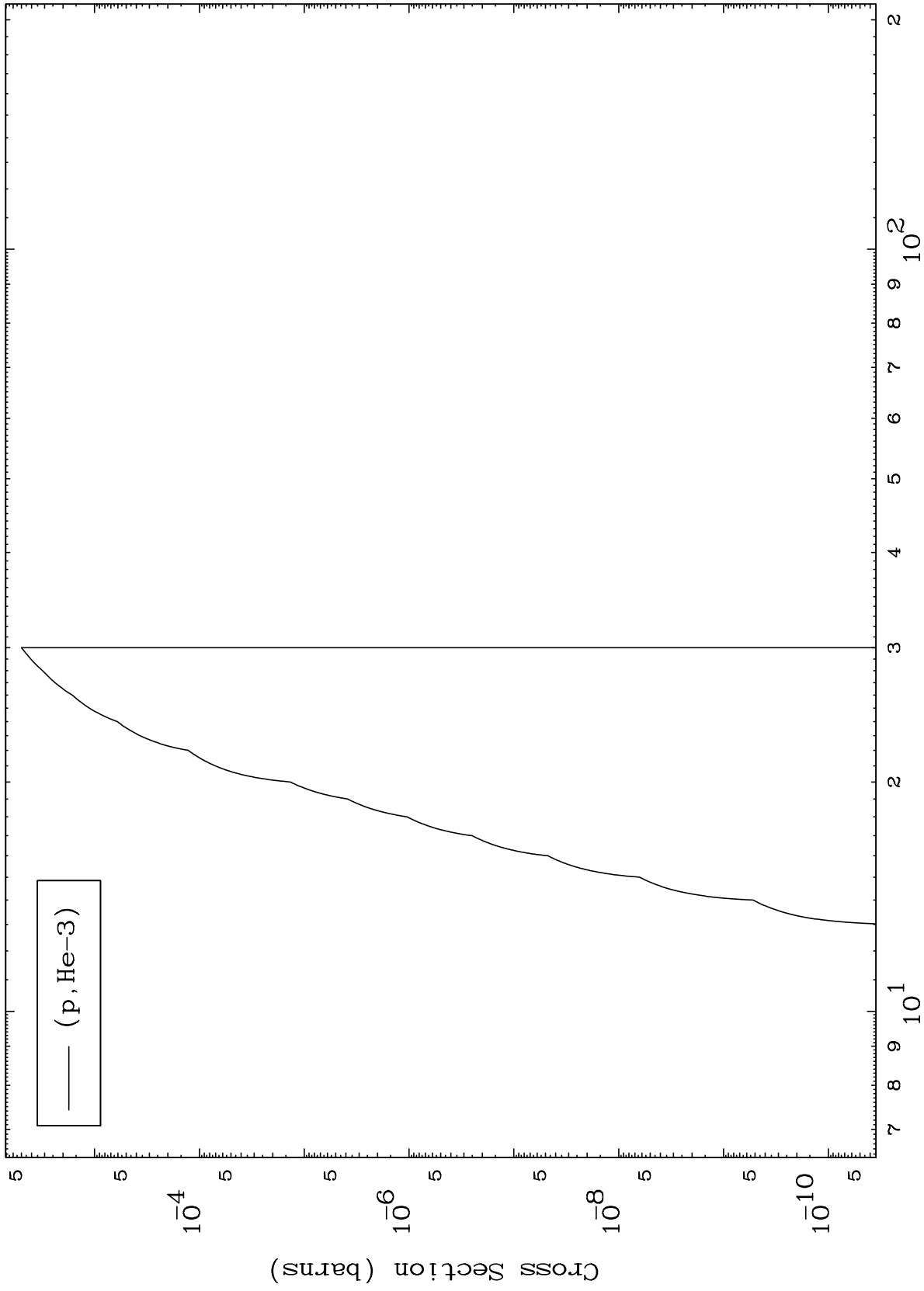
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,He3) Levels
0 Kelvin Cross Sections

41-Nb-90



9

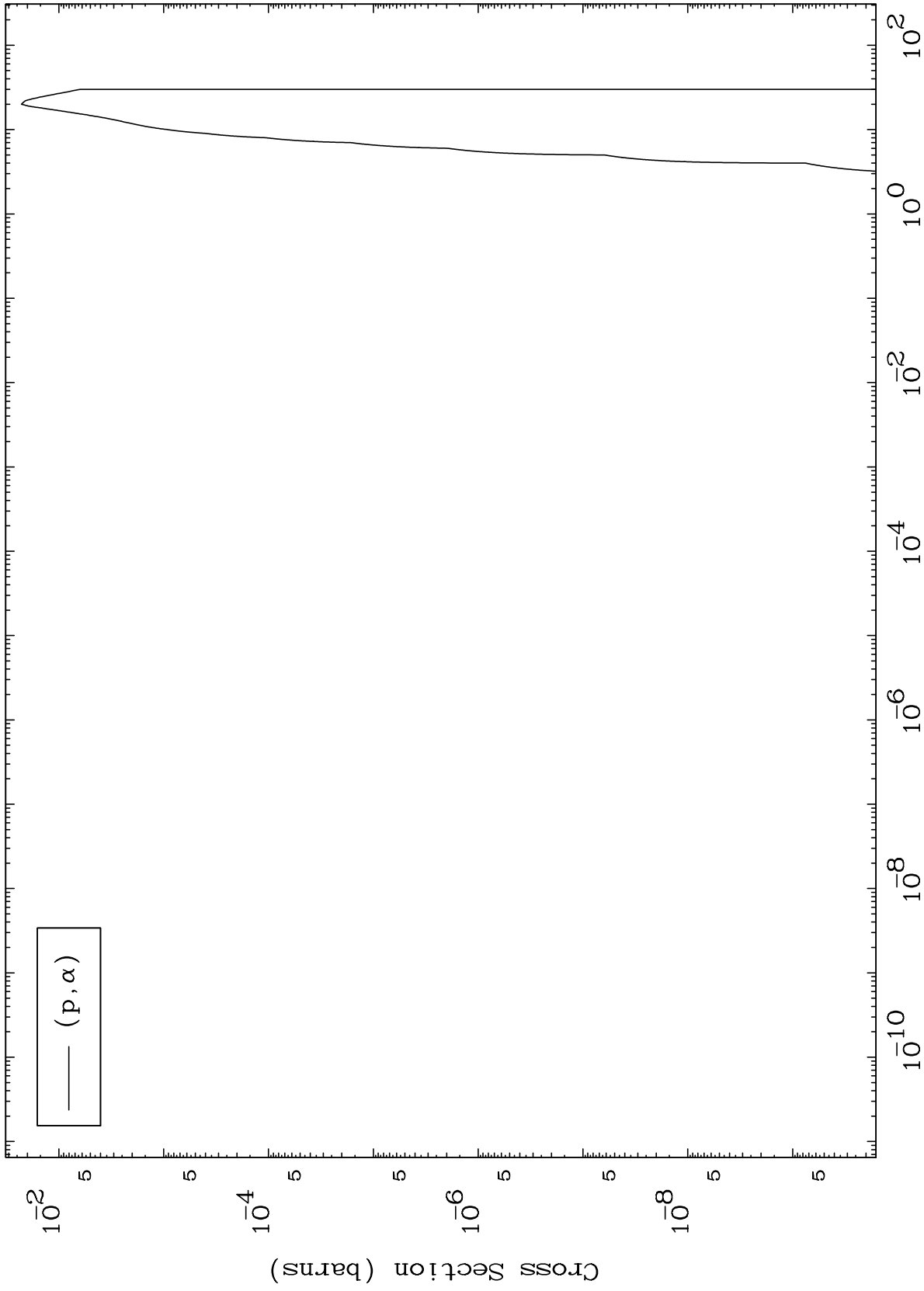
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,α) Levels
0 Kelvin Cross Sections

41-Nb-90



10

Incident Energy (MeV)

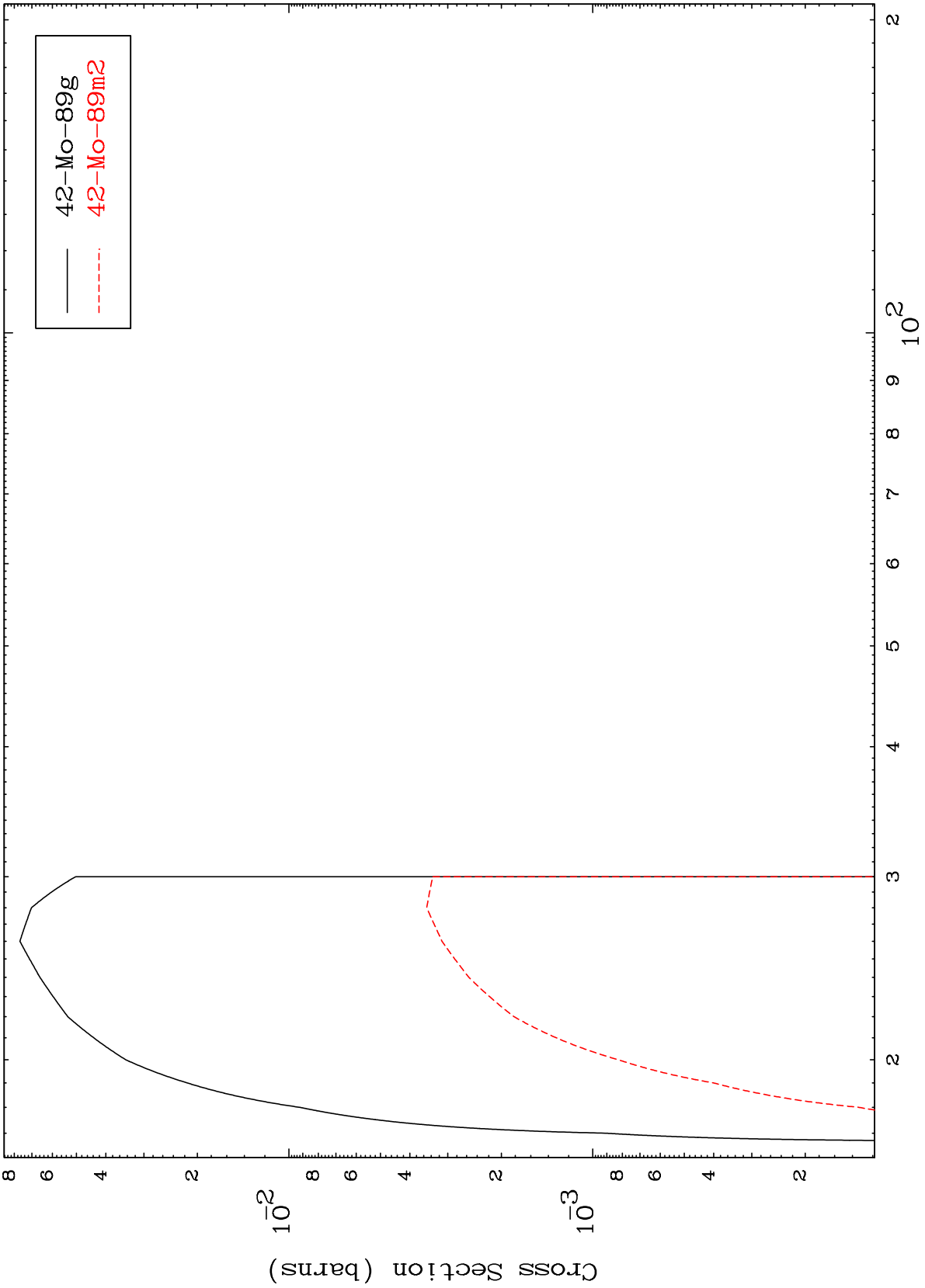
41-Nb-90

MAT 4116

(p,2n)

41-Nb-90

Radionuclide Production Cross Section



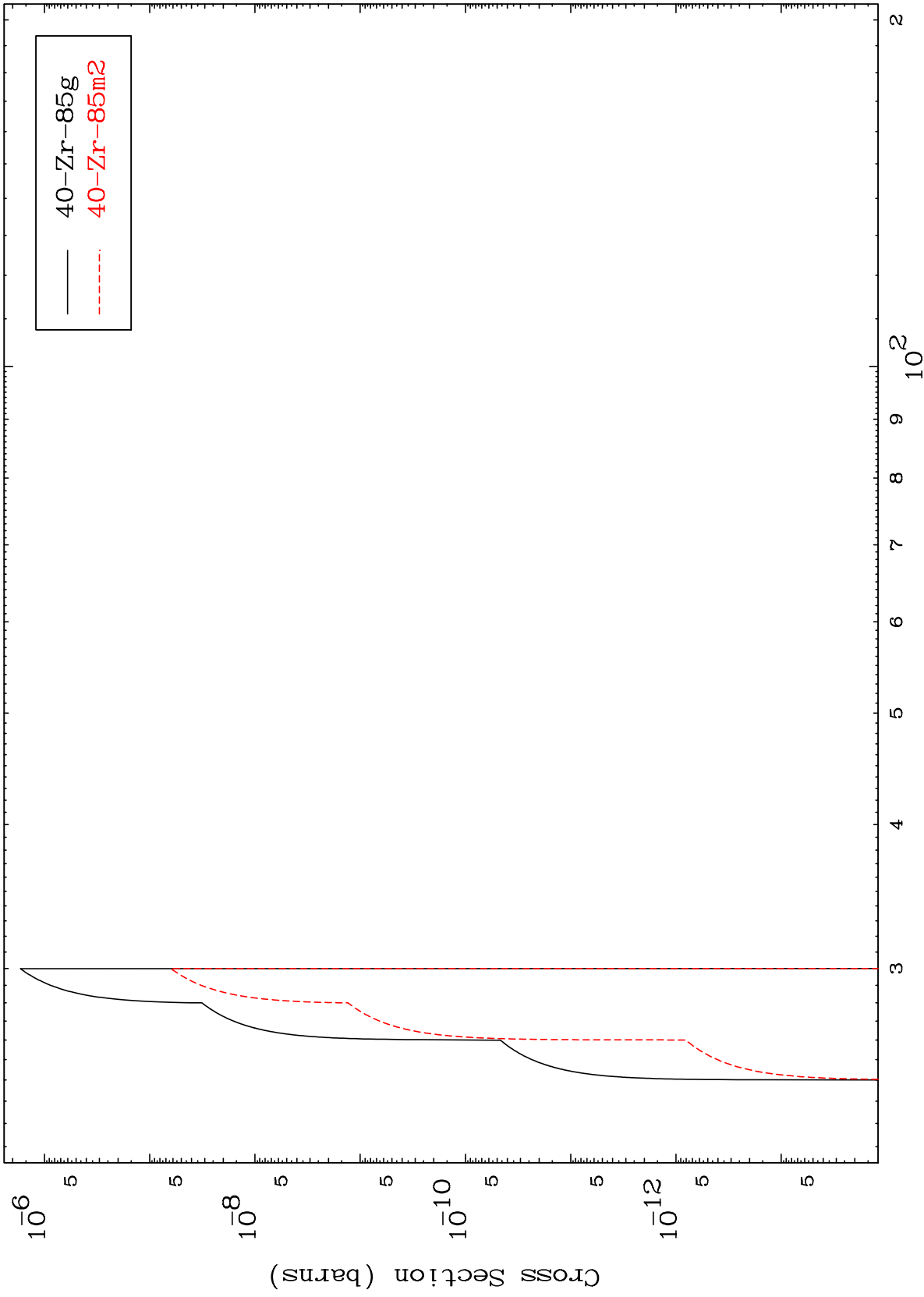
42-Mo-89g
42-Mo-89m2

MAT 4116

(p,2n) α

41-Nb-90

Radionuclide Production Cross Section



12

Incident Energy (MeV)

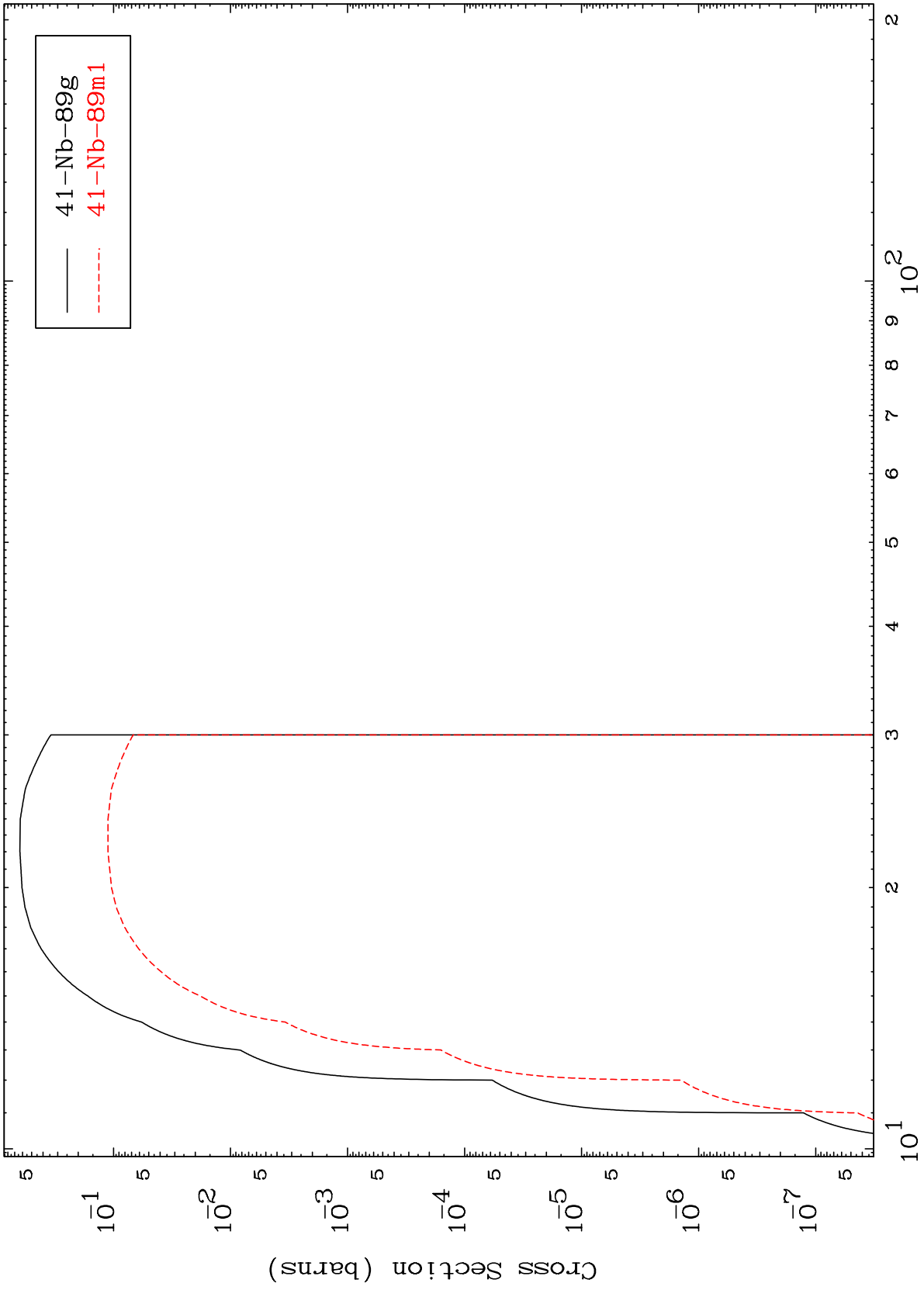
41-Nb-90

MAT 4116

(p,n') p

41-Nb-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

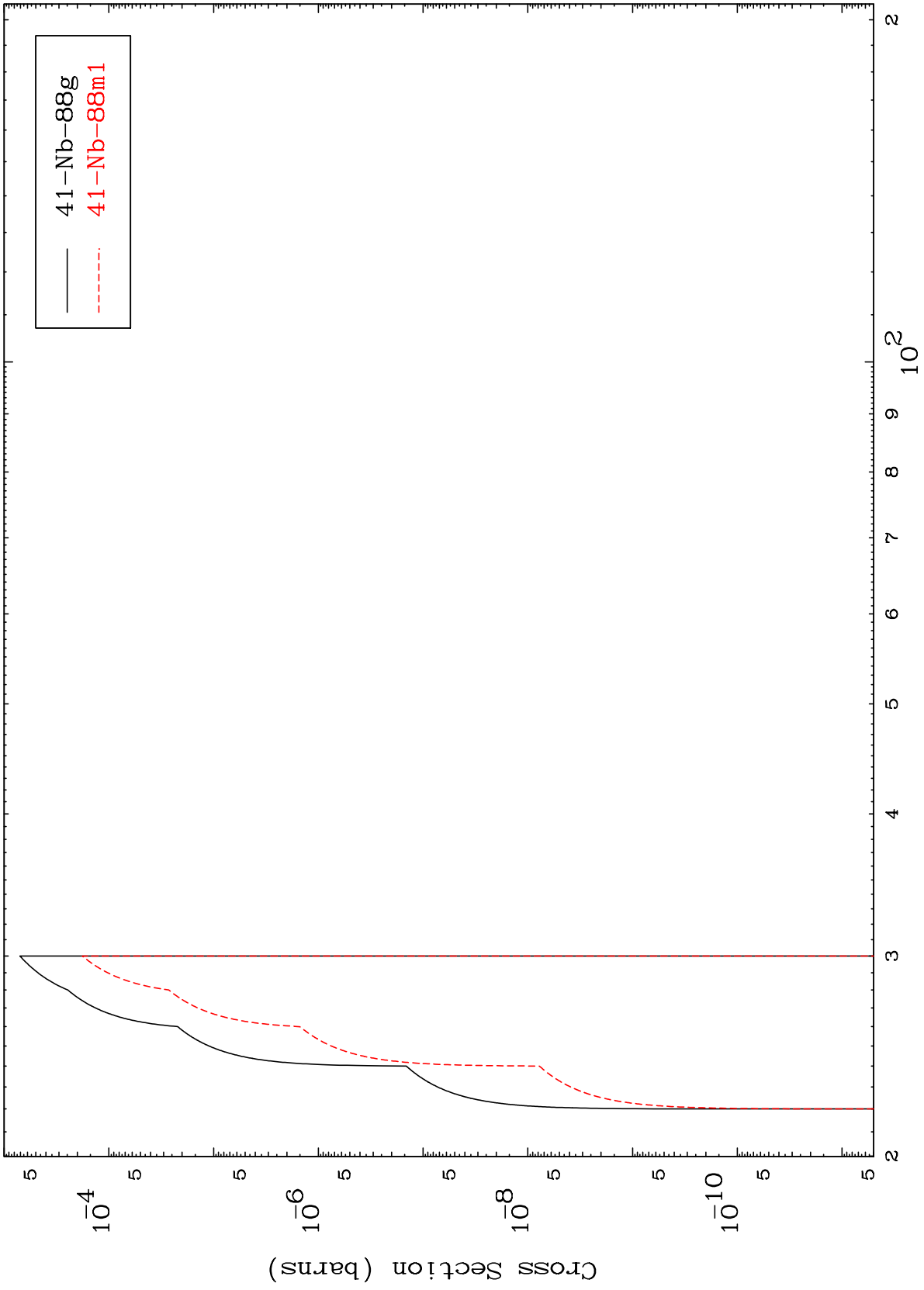
41-Nb-90

MAT 4116

(p,n') d

41-Nb-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

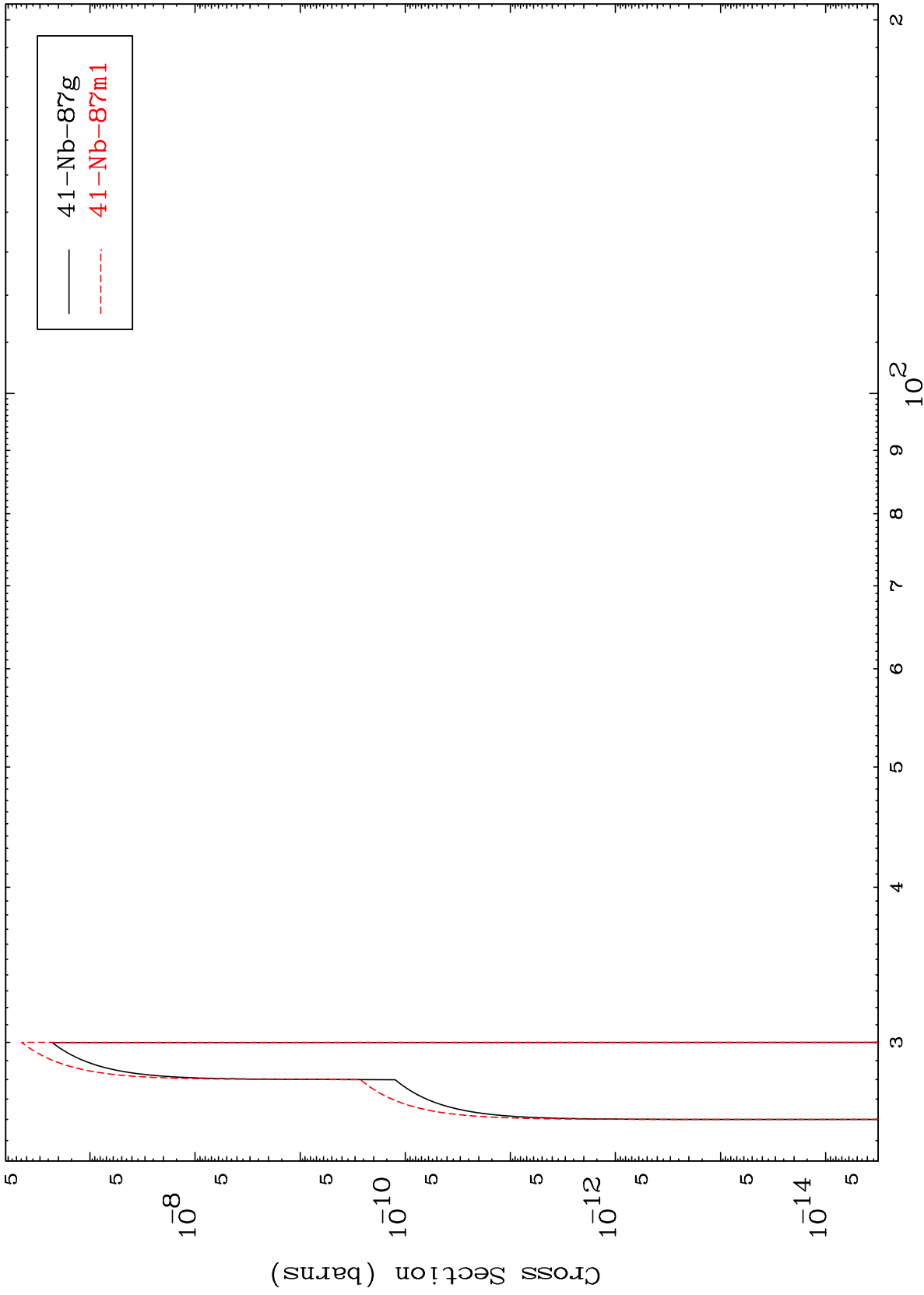
41-Nb-90

MAT 4116

(p,n') t

41-Nb-90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

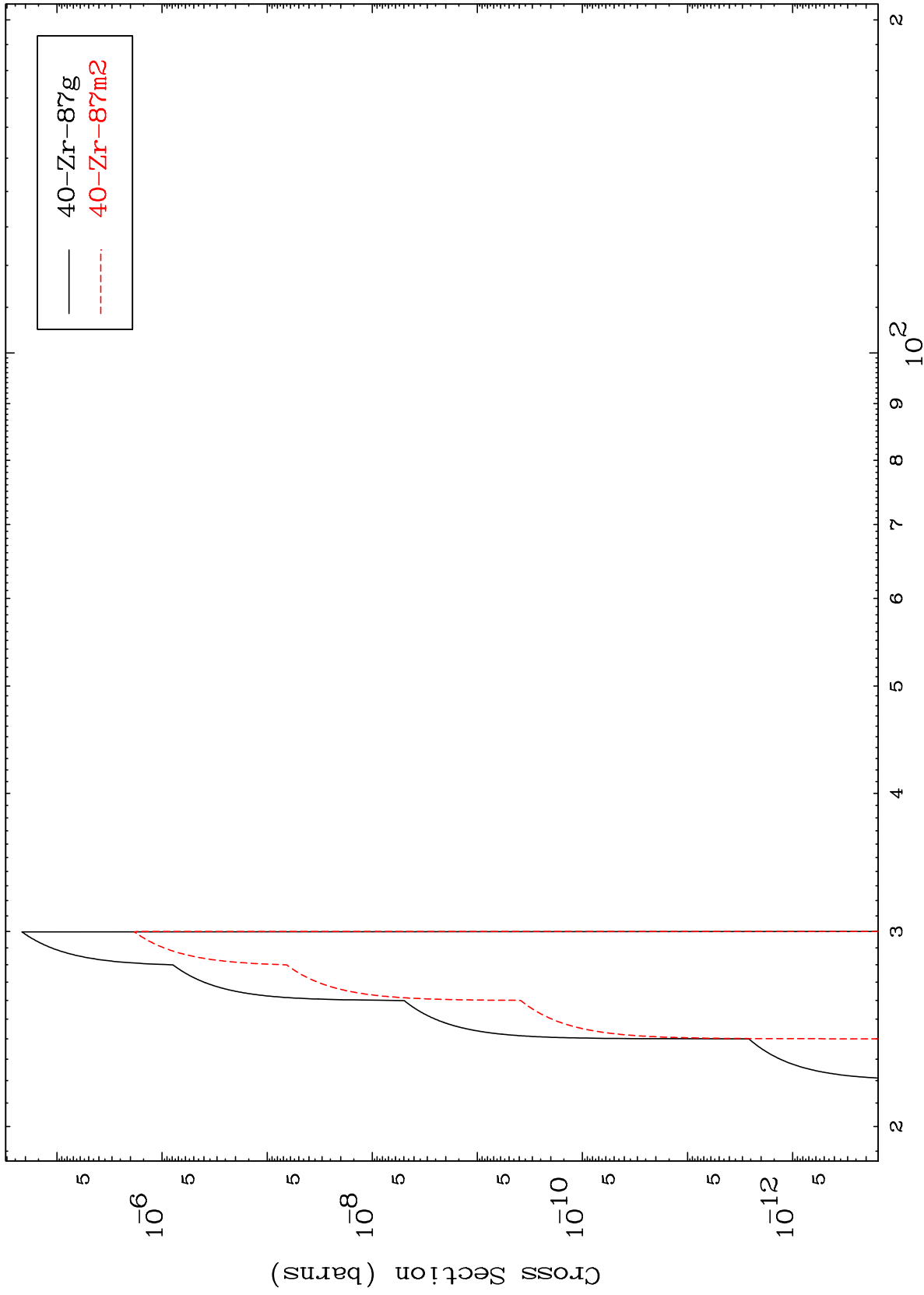
41-Nb-90

MAT 4116

(p,n') He-3

41-Nb-90

Radionuclide Production Cross Section



16

Incident Energy (MeV)

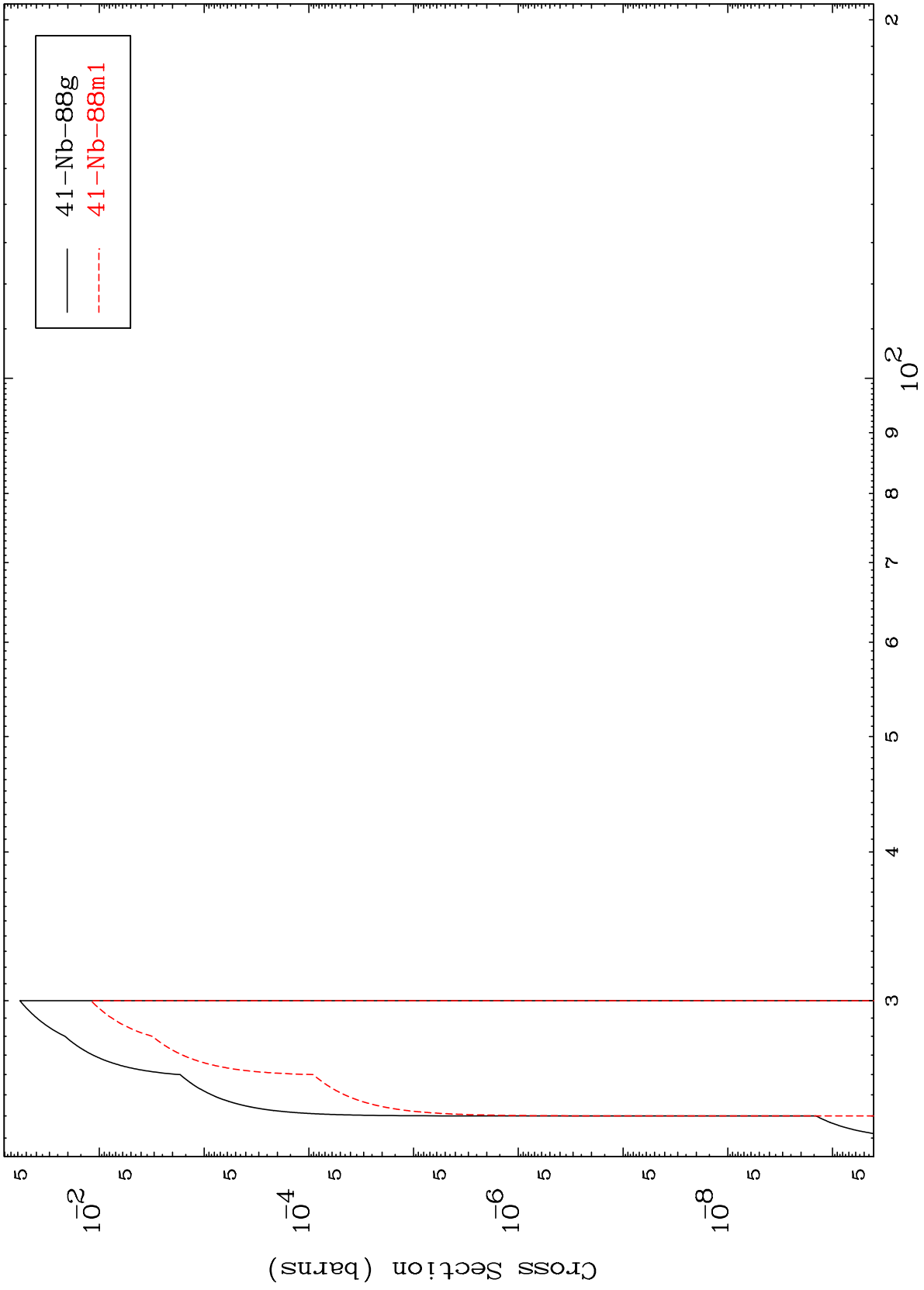
41-Nb-90

MAT 4116

(p,2n) p

41-Nb-90

Radionuclide Production Cross Section



17

Incident Energy (MeV)

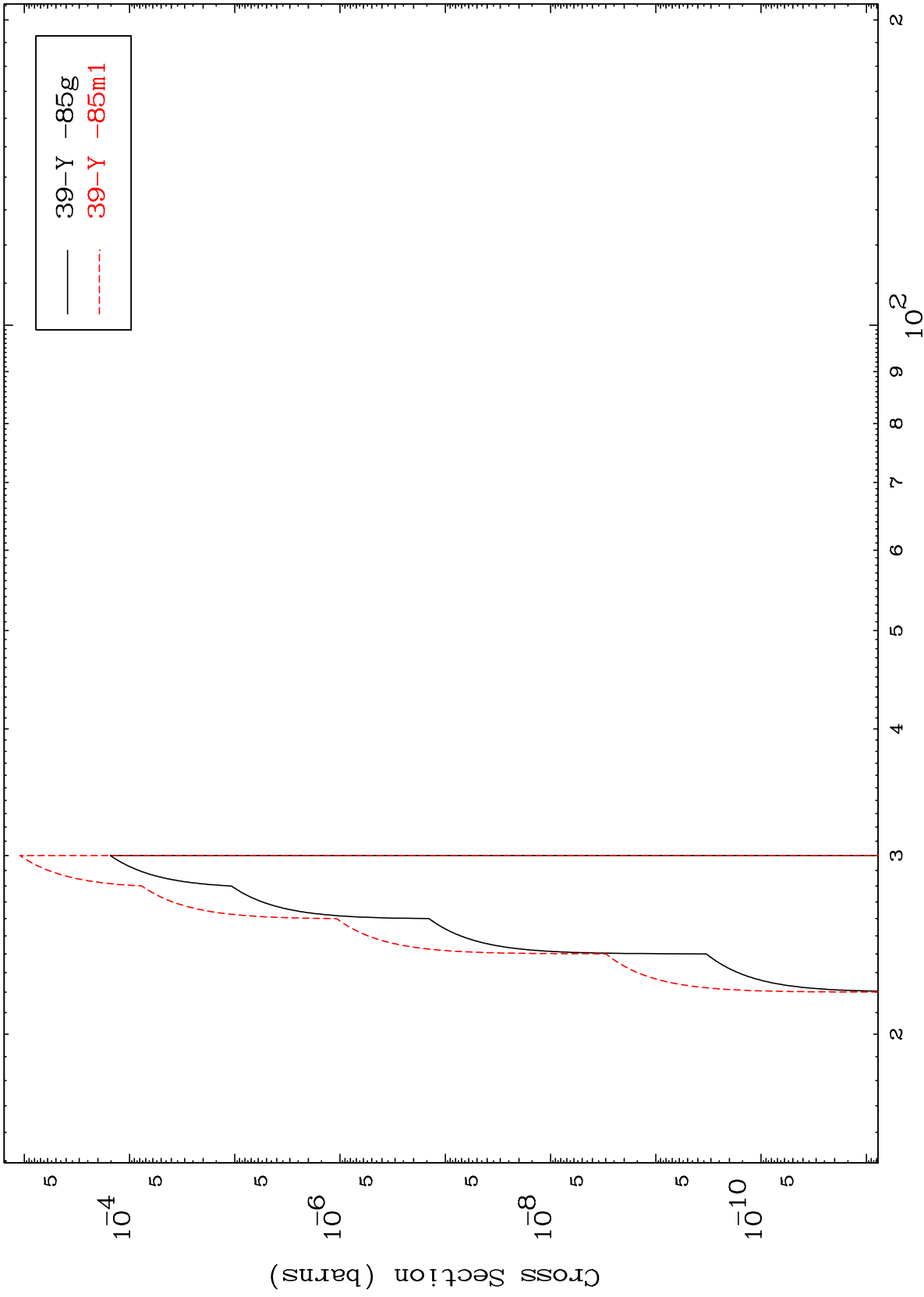
41-Nb-90

MAT 4116

(p,n') p α

41-Nb-90

Radionuclide Production Cross Section



18

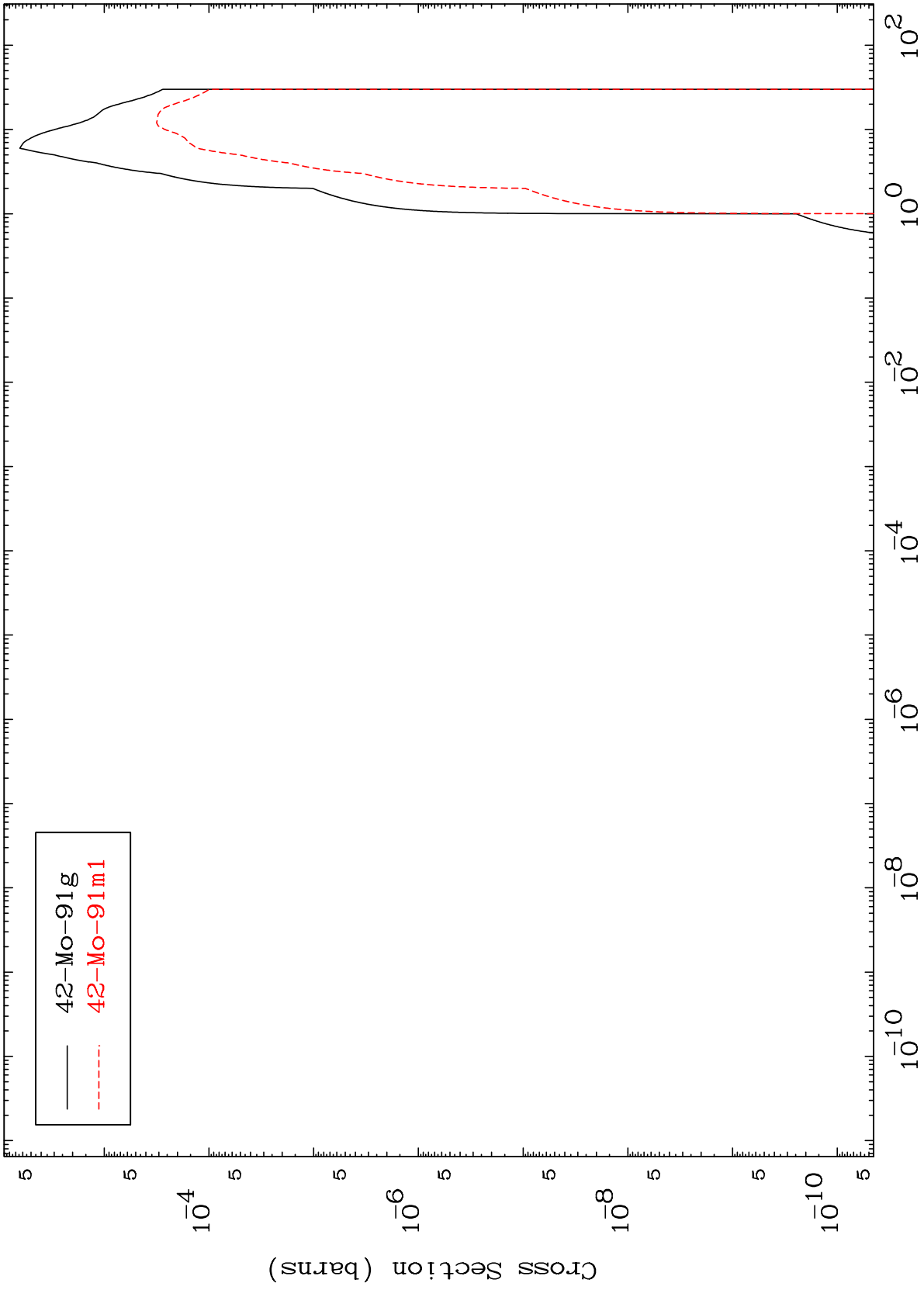
Incident Energy (MeV)

41-Nb-90

MAT 4116

Radionuclide Production Cross Section
(p, γ)

41-Nb-90



19

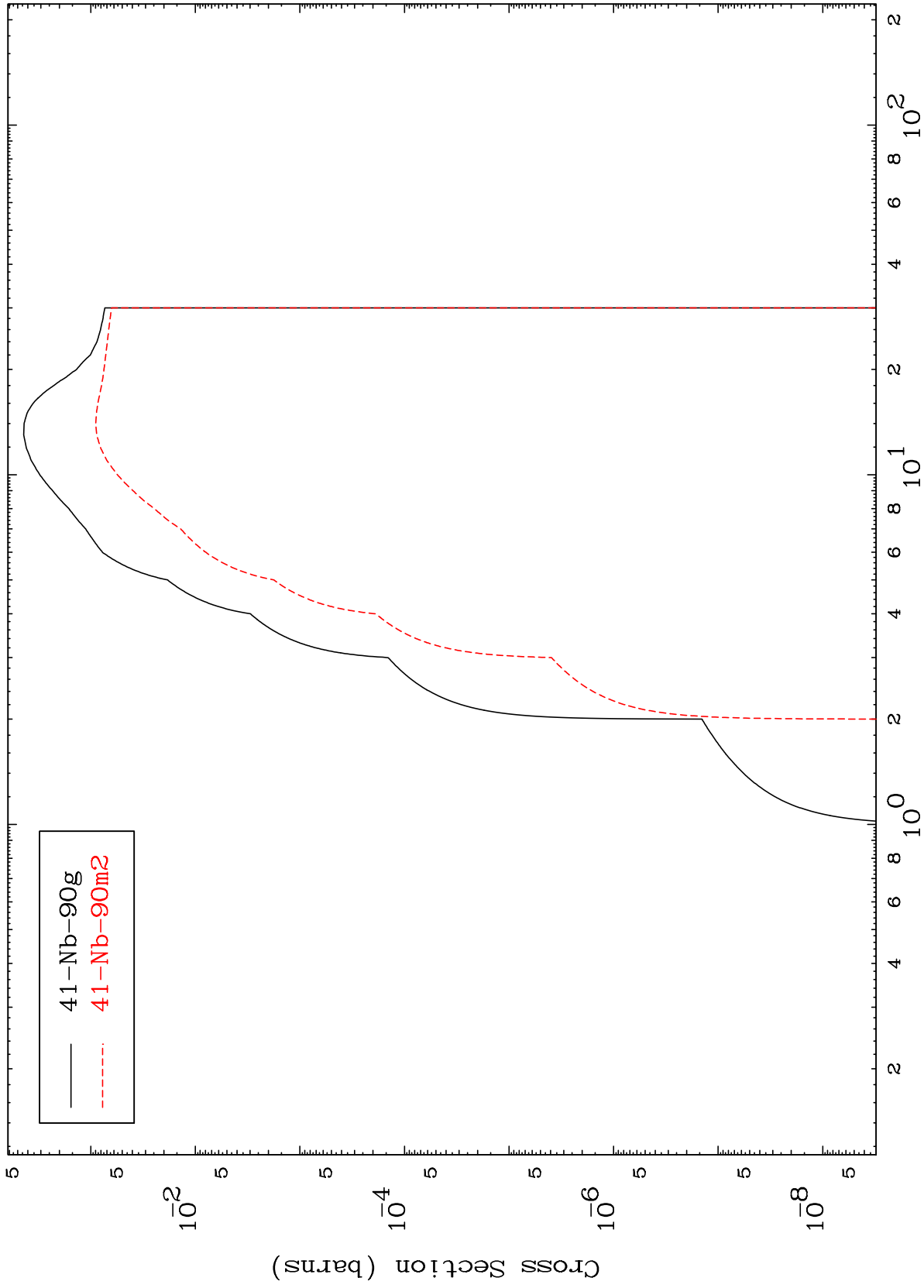
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section (p,p)



20

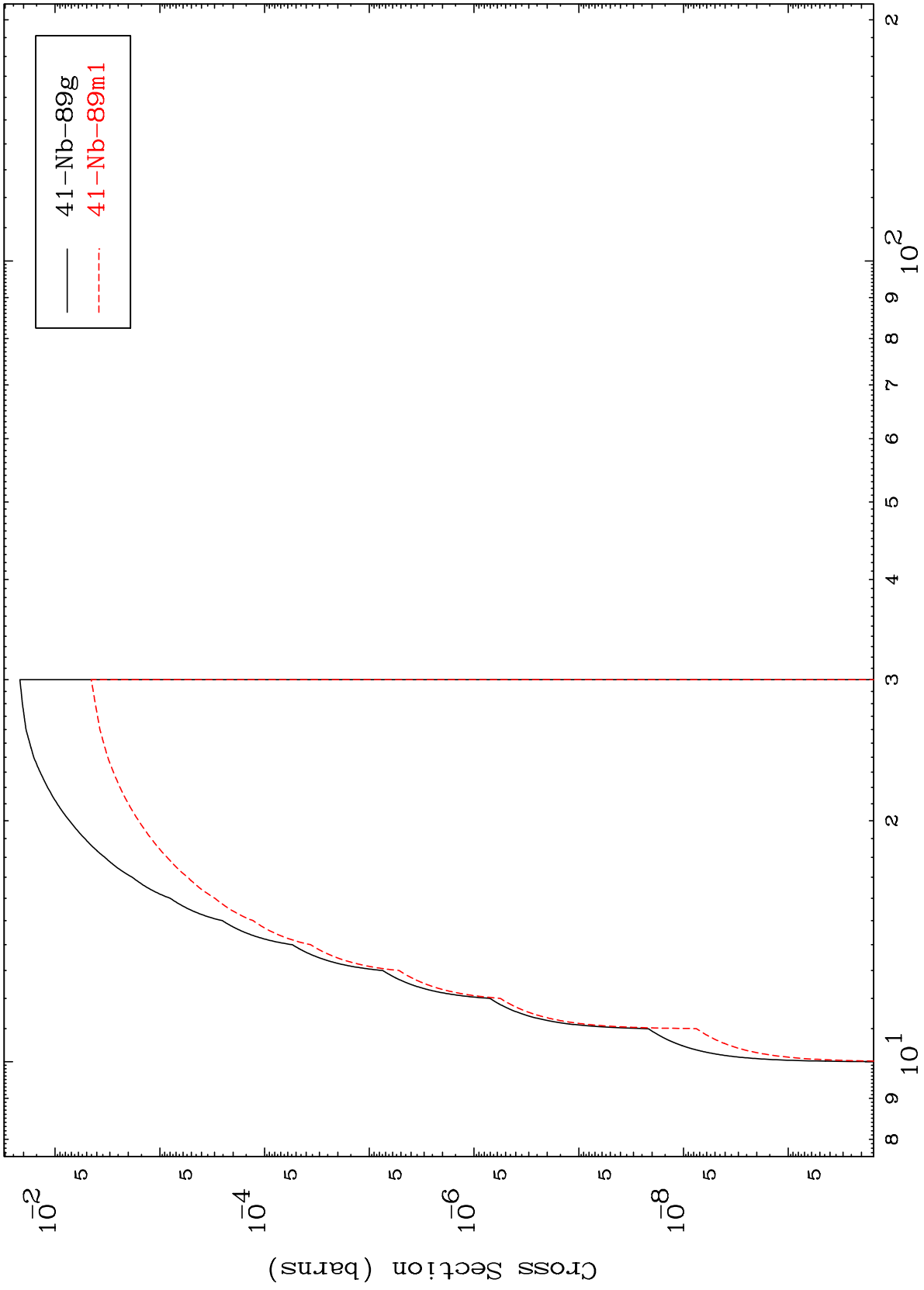
41-Nb-90

MAT 4116

(p,d)

41-Nb-90

Radionuclide Production Cross Section



21

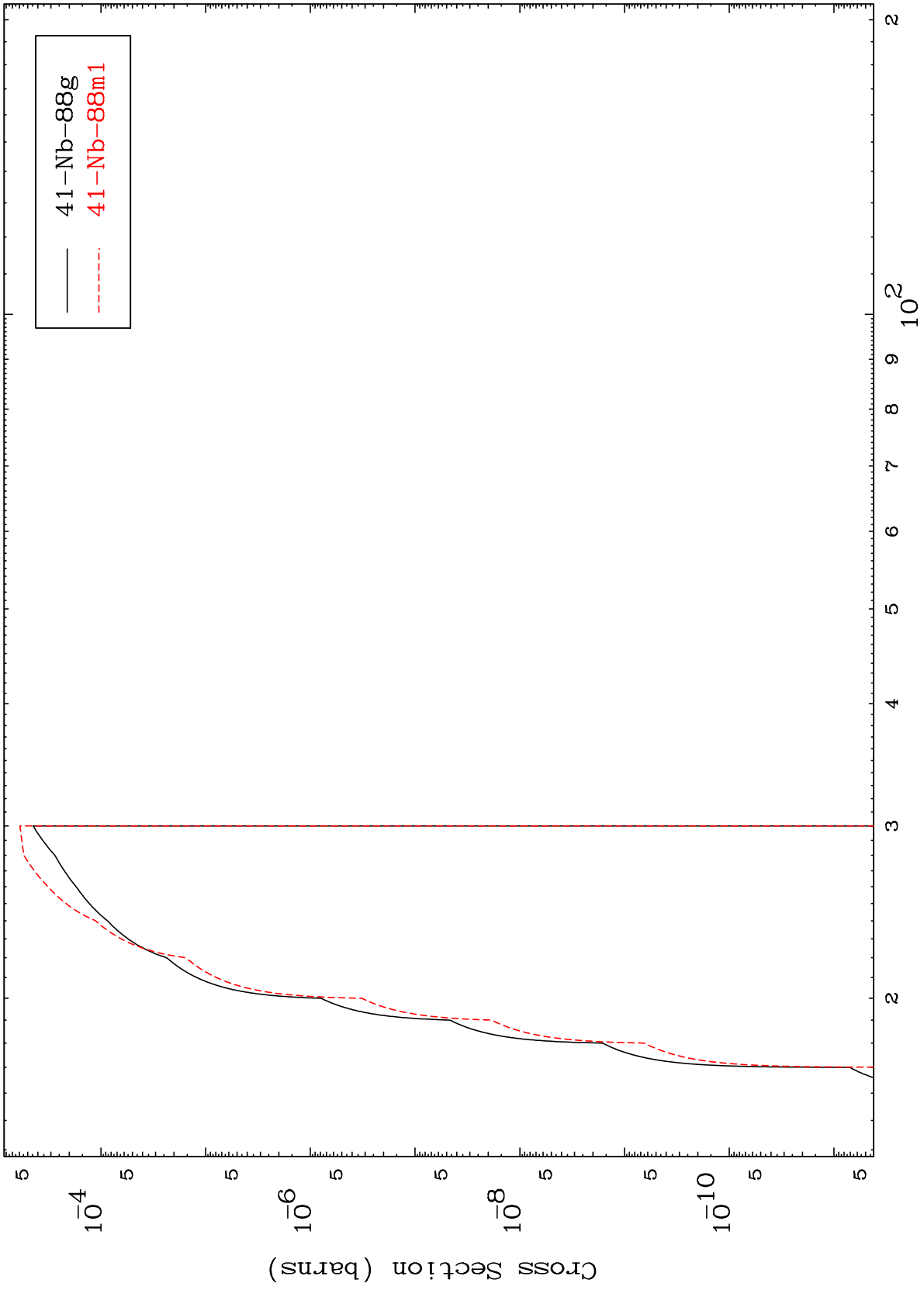
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

(p, t)
Radionuclide Production Cross Section



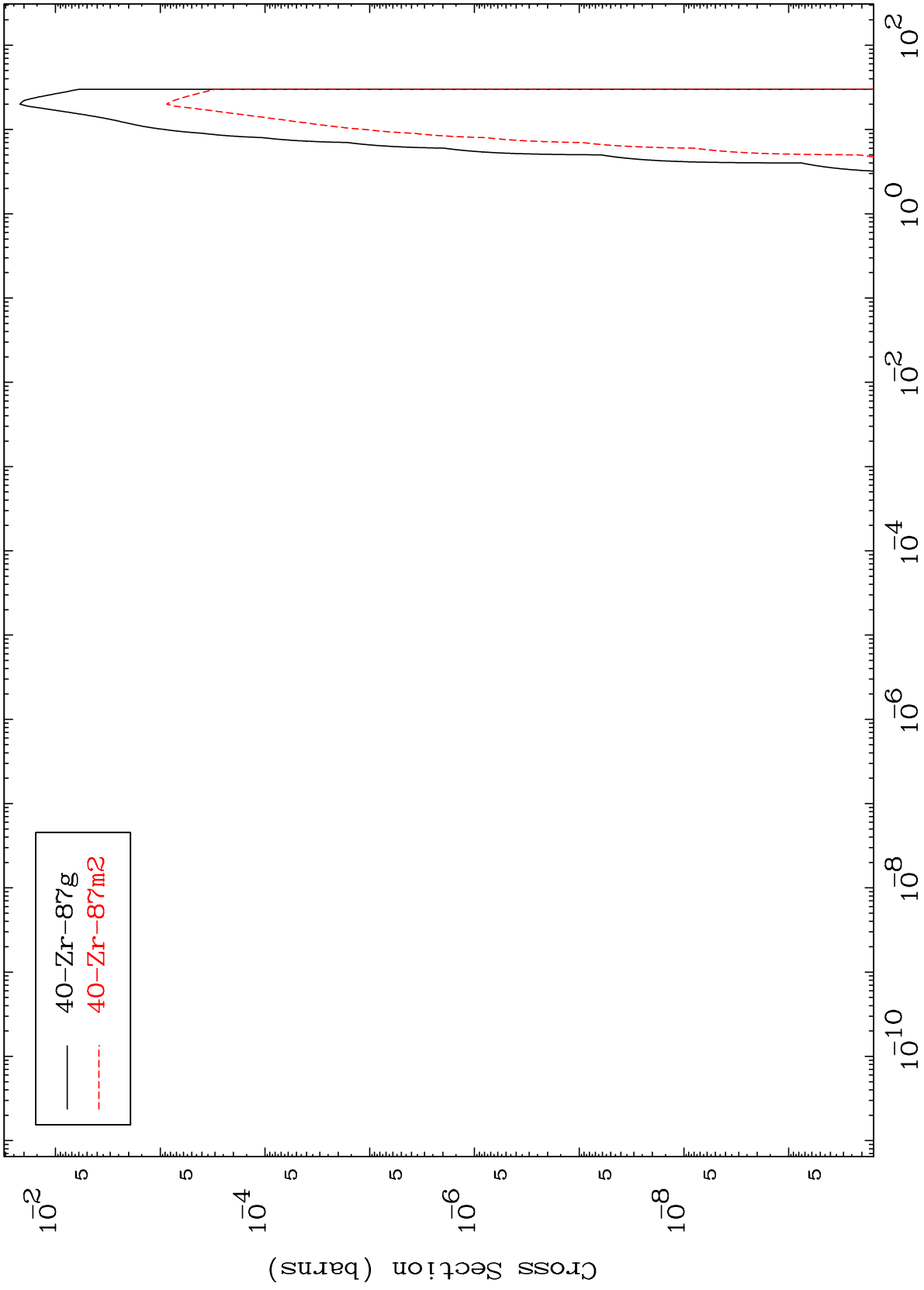
22

41-Nb-90

MAT 4116

Radionuclide Production Cross Section
(p, α)

41-Nb-90



23

Incident Energy (MeV)

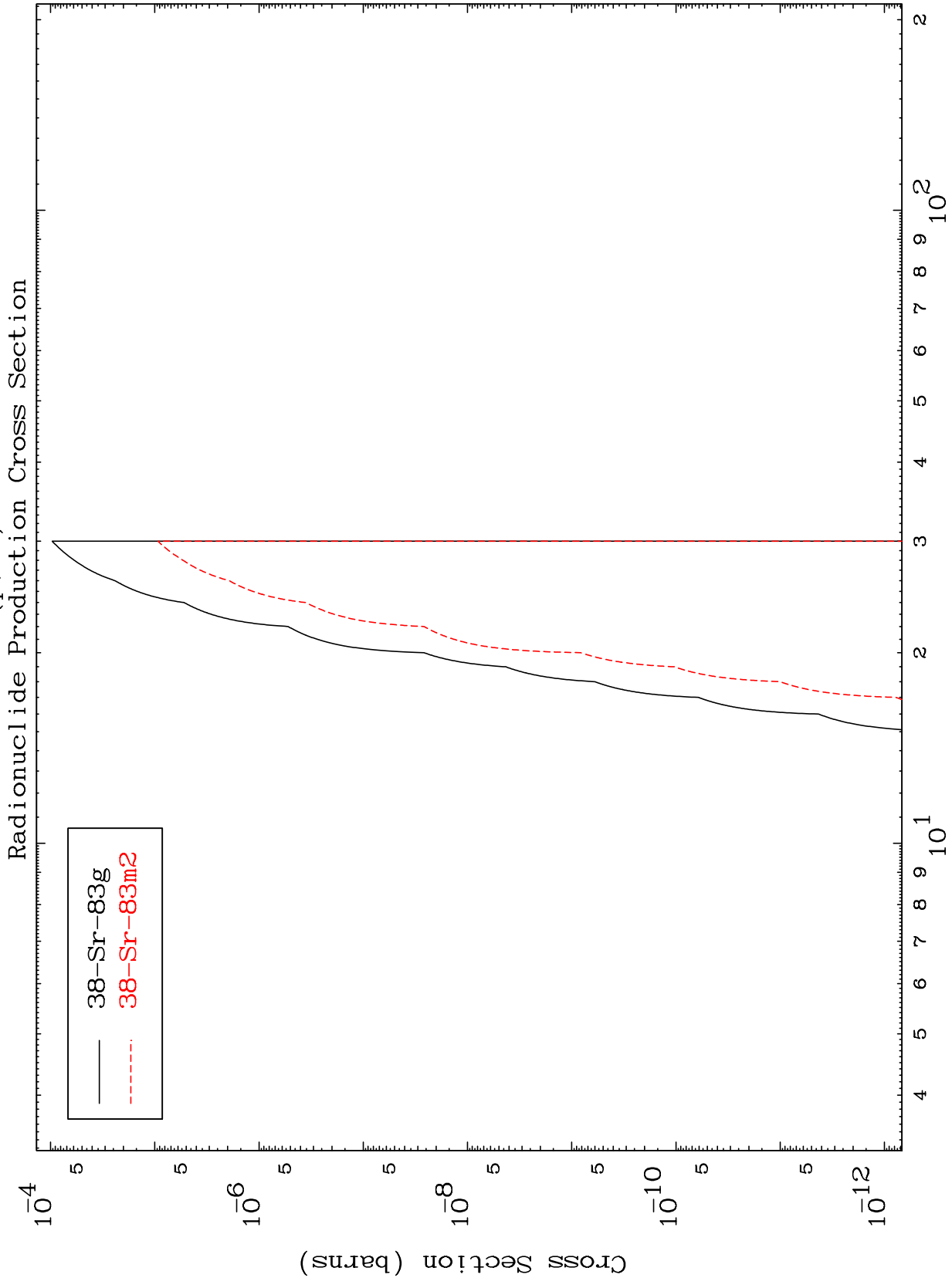
41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section

(p,2α)



38-Sr-83g
38-Sr-83m2

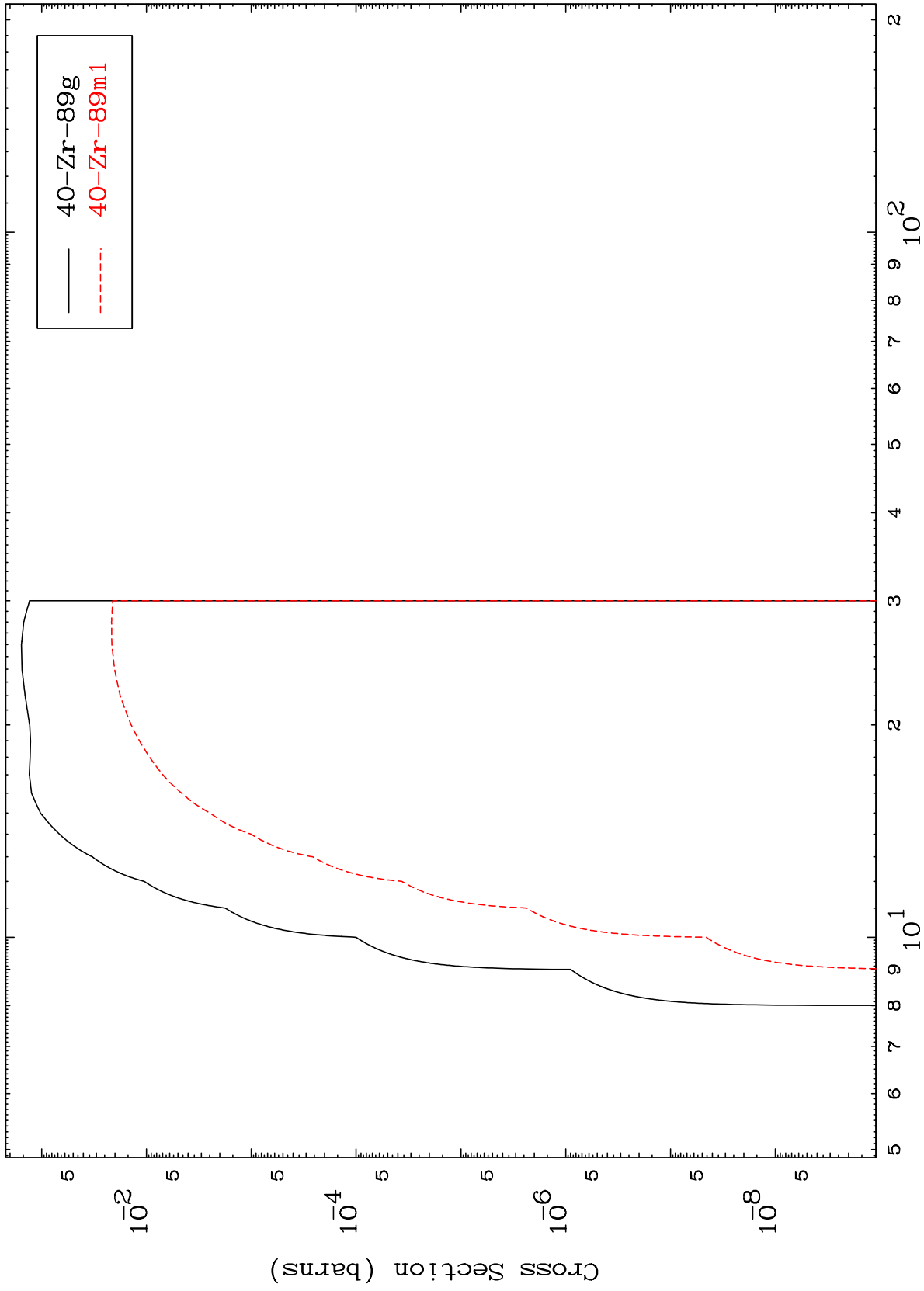
24

41-Nb-90

MAT 4116

Radionuclide Production Cross Section
(p,2p)

41-Nb-90



25

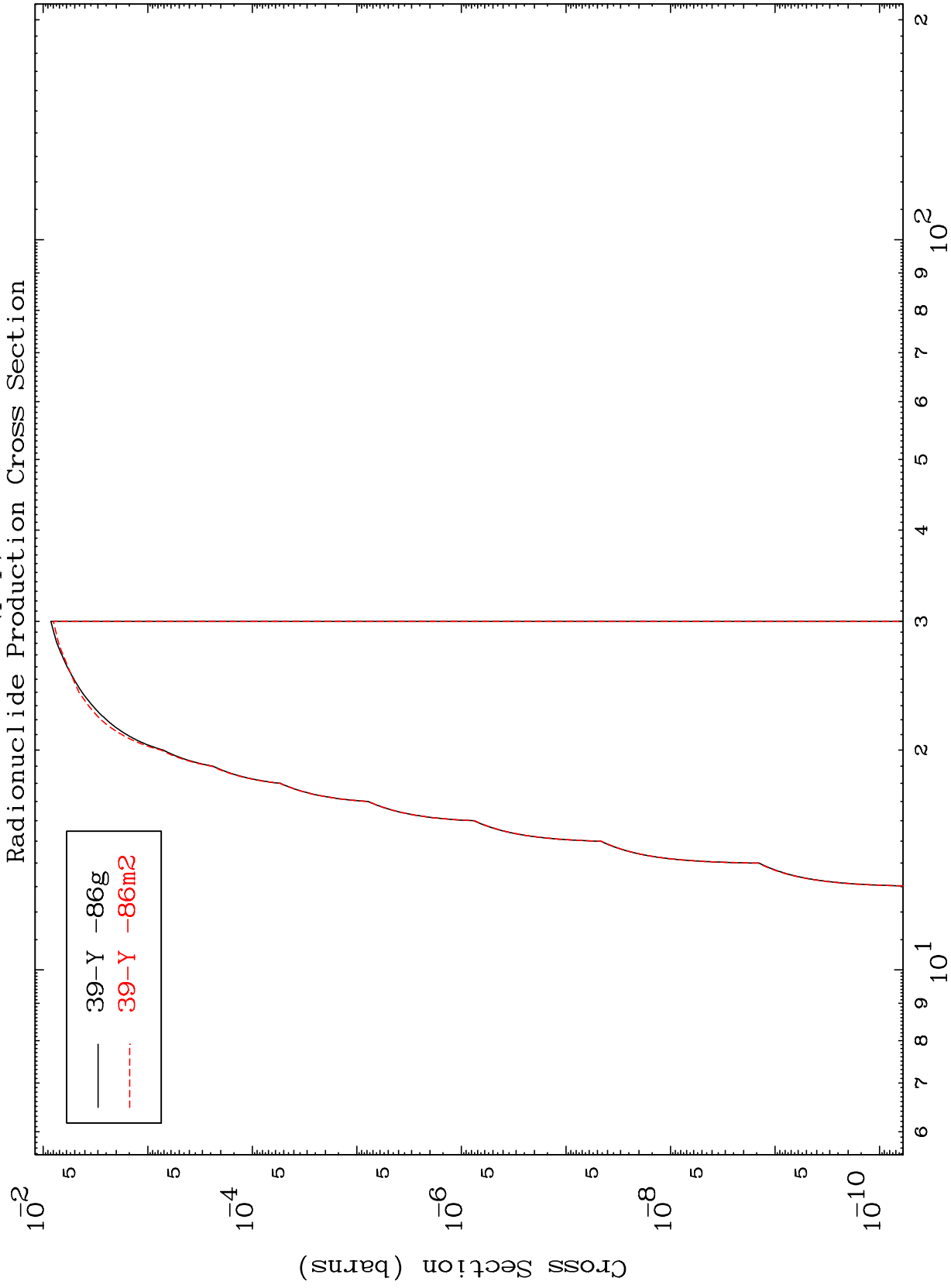
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,p) α

41-Nb-90



26

Incident Energy (MeV)

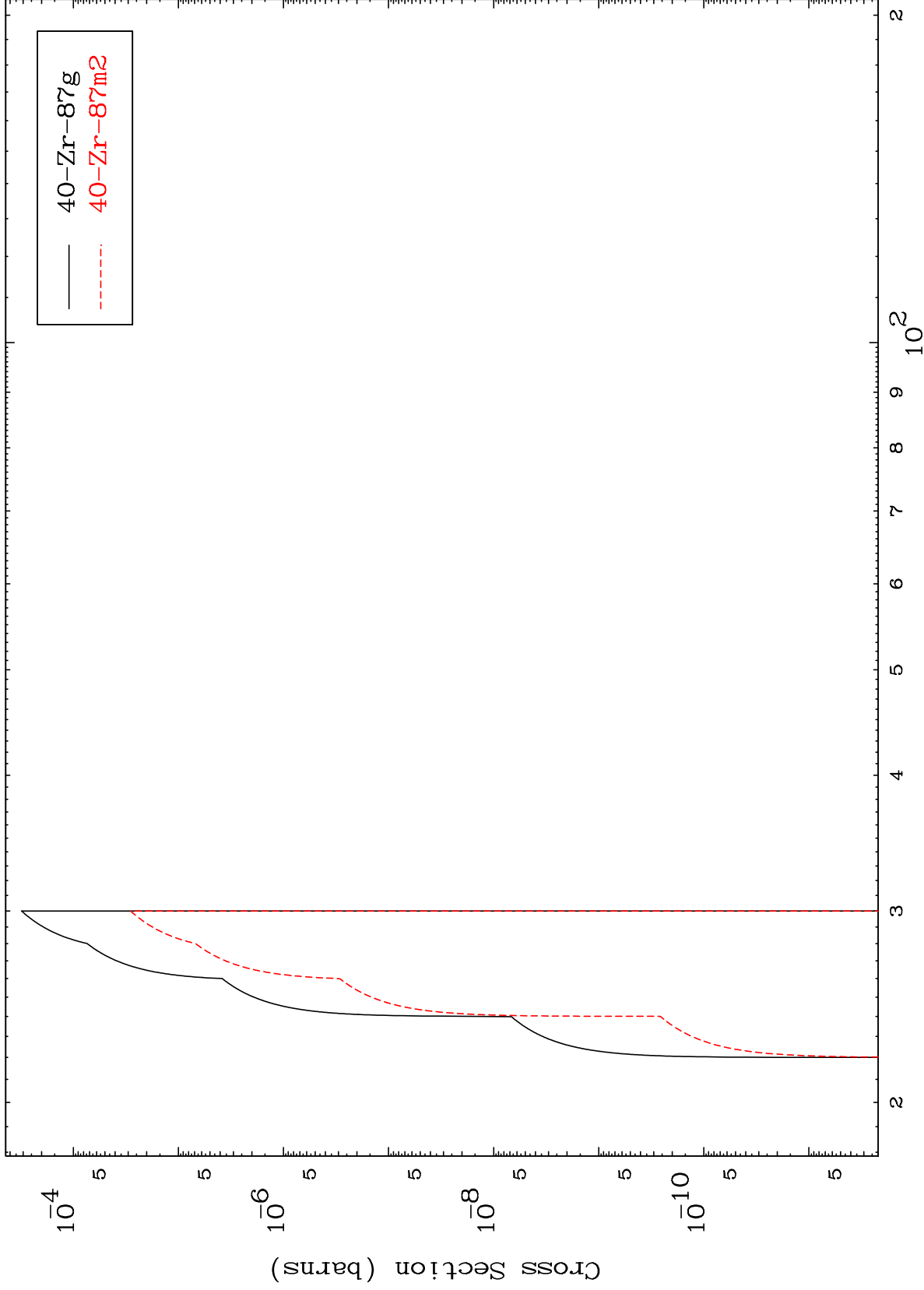
41-Nb-90

MAT 4116

(p,p) t

41-Nb-90

Radionuclide Production Cross Section



27

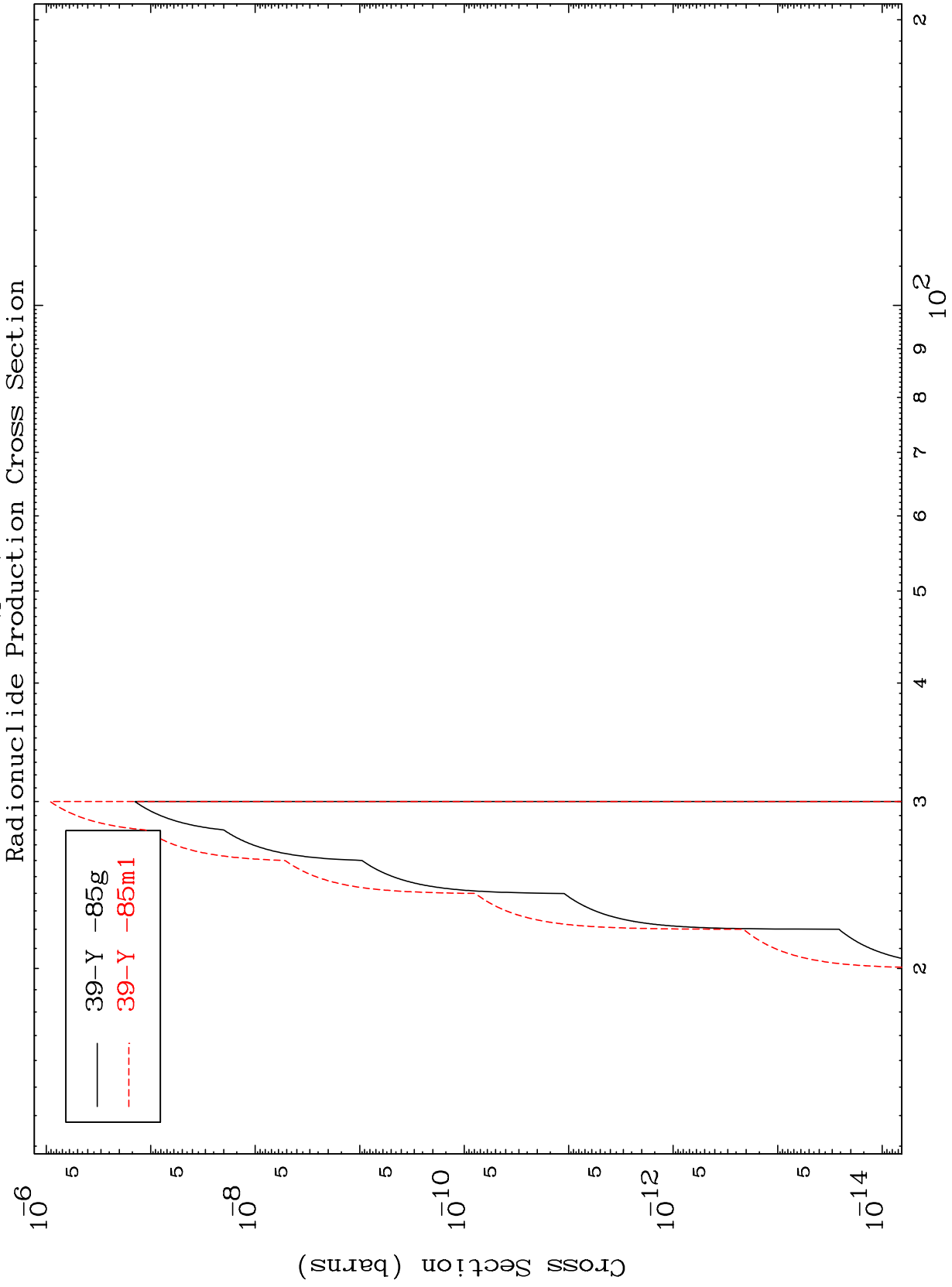
Incident Energy (MeV)

41-Nb-90

MAT 4116

(p,d) α

41-Nb-90



28

41-Nb-90