

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

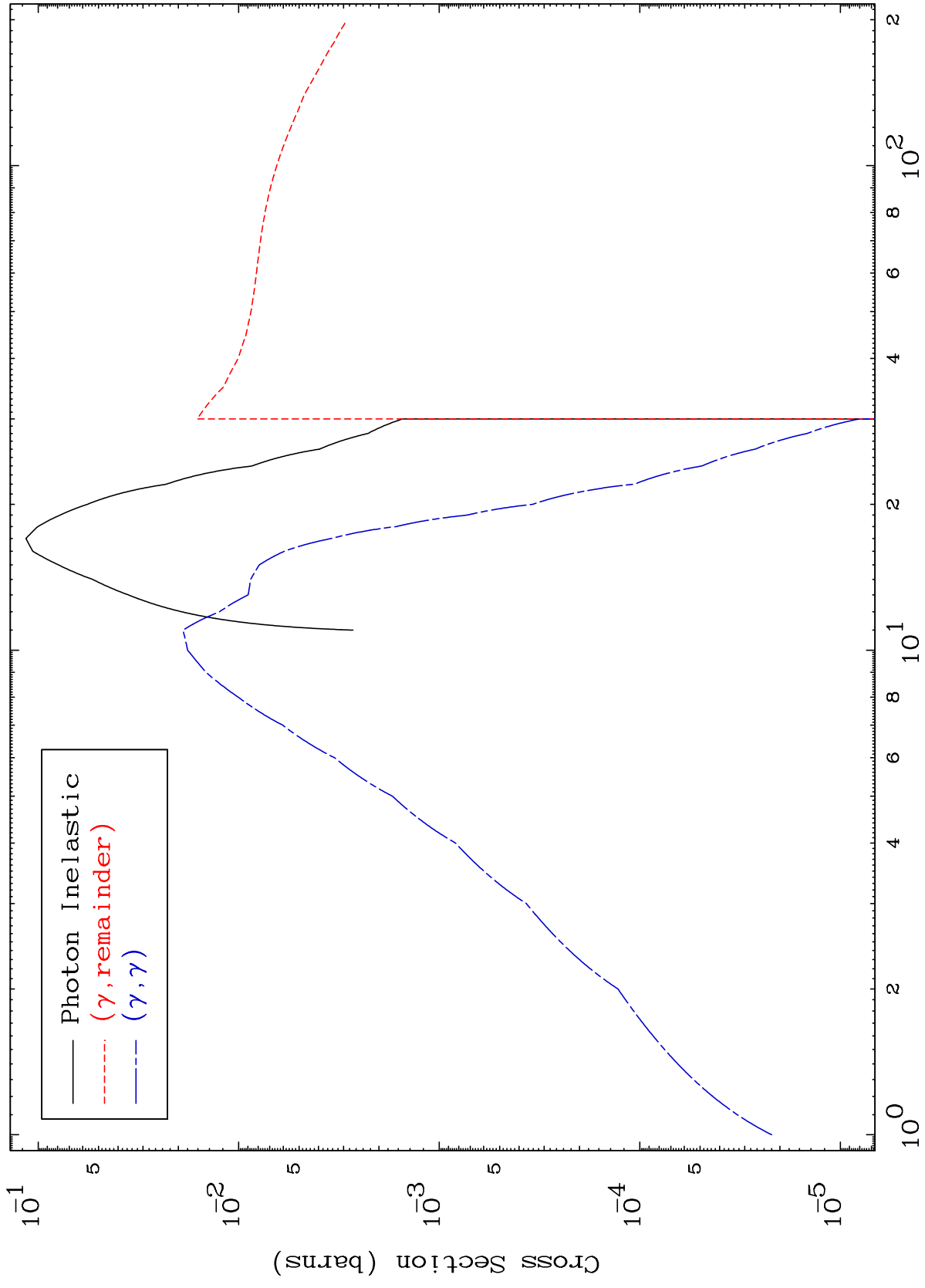
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4116

Photon Major
0 Kelvin Cross Sections

41-Nb-90



Photon Inelastic
(γ , remainder)
(γ , γ)

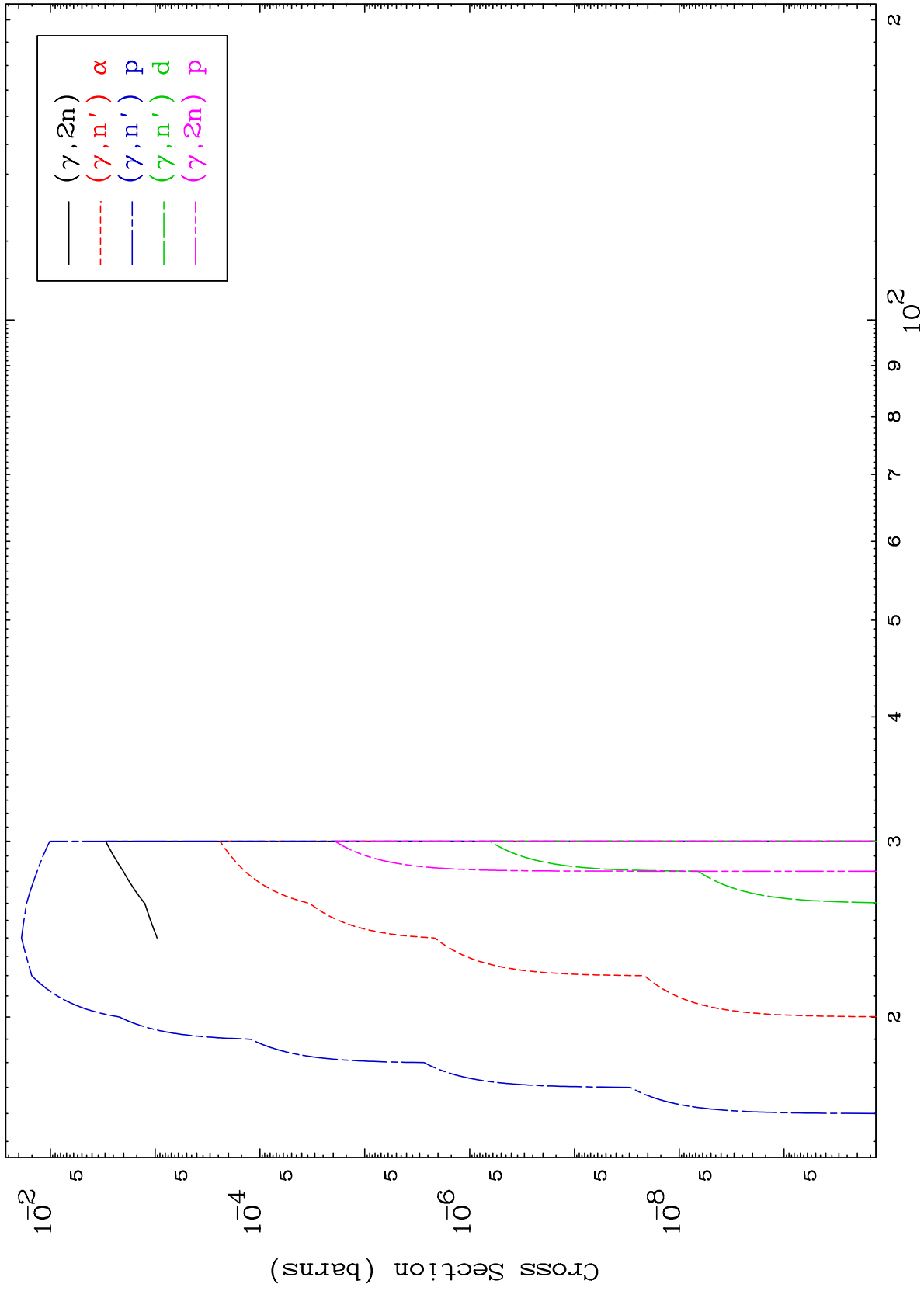
Incident Energy (MeV)

41-Nb-90

MAT 4116

Photon Neutron Production
0 Kelvin Cross Sections

41-Nb-90



2

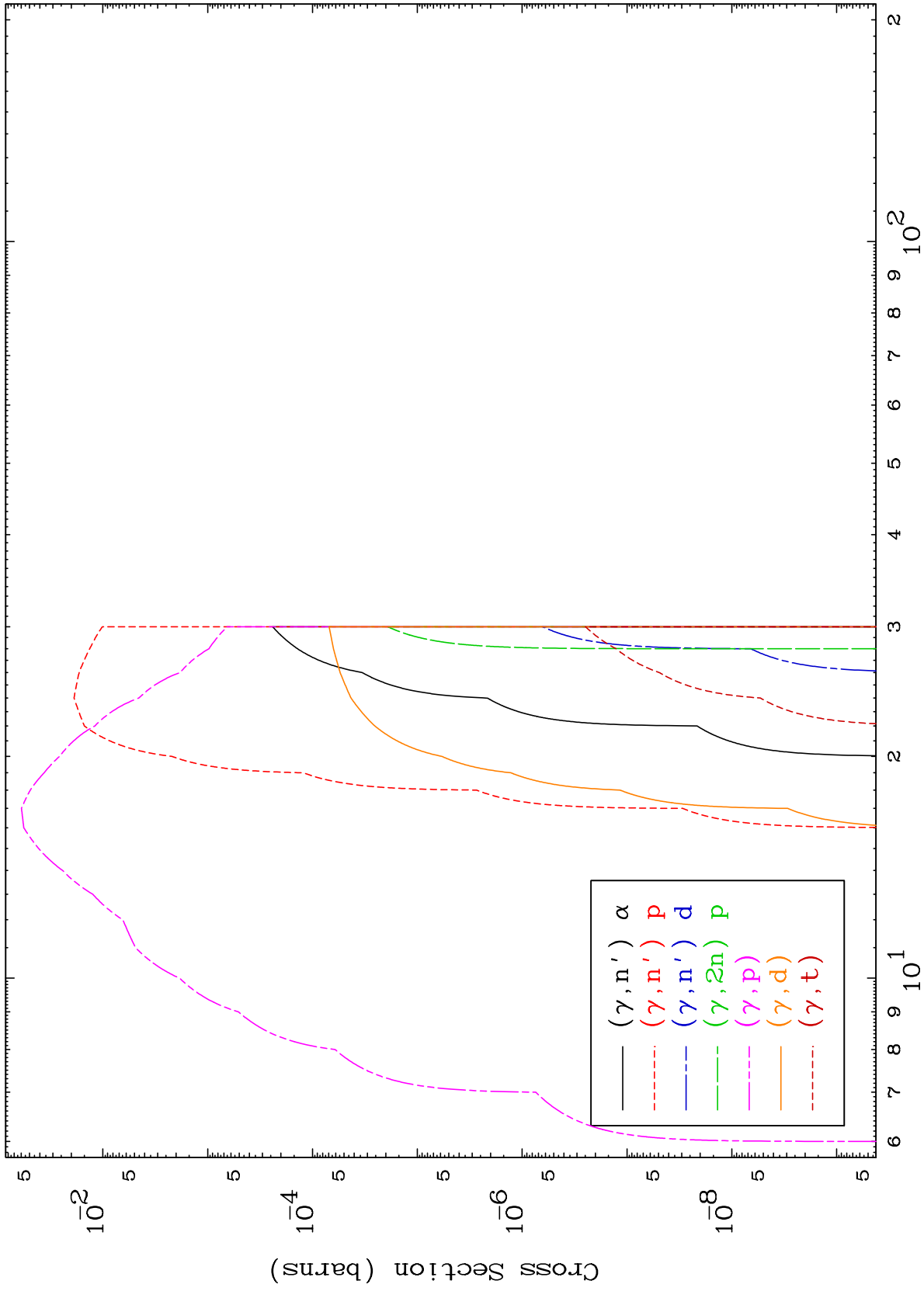
Incident Energy (MeV)

41-Nb-90

MAT 4116

Photon Charged Particle
0 Kelvin Cross Sections

41-Nb-90



3

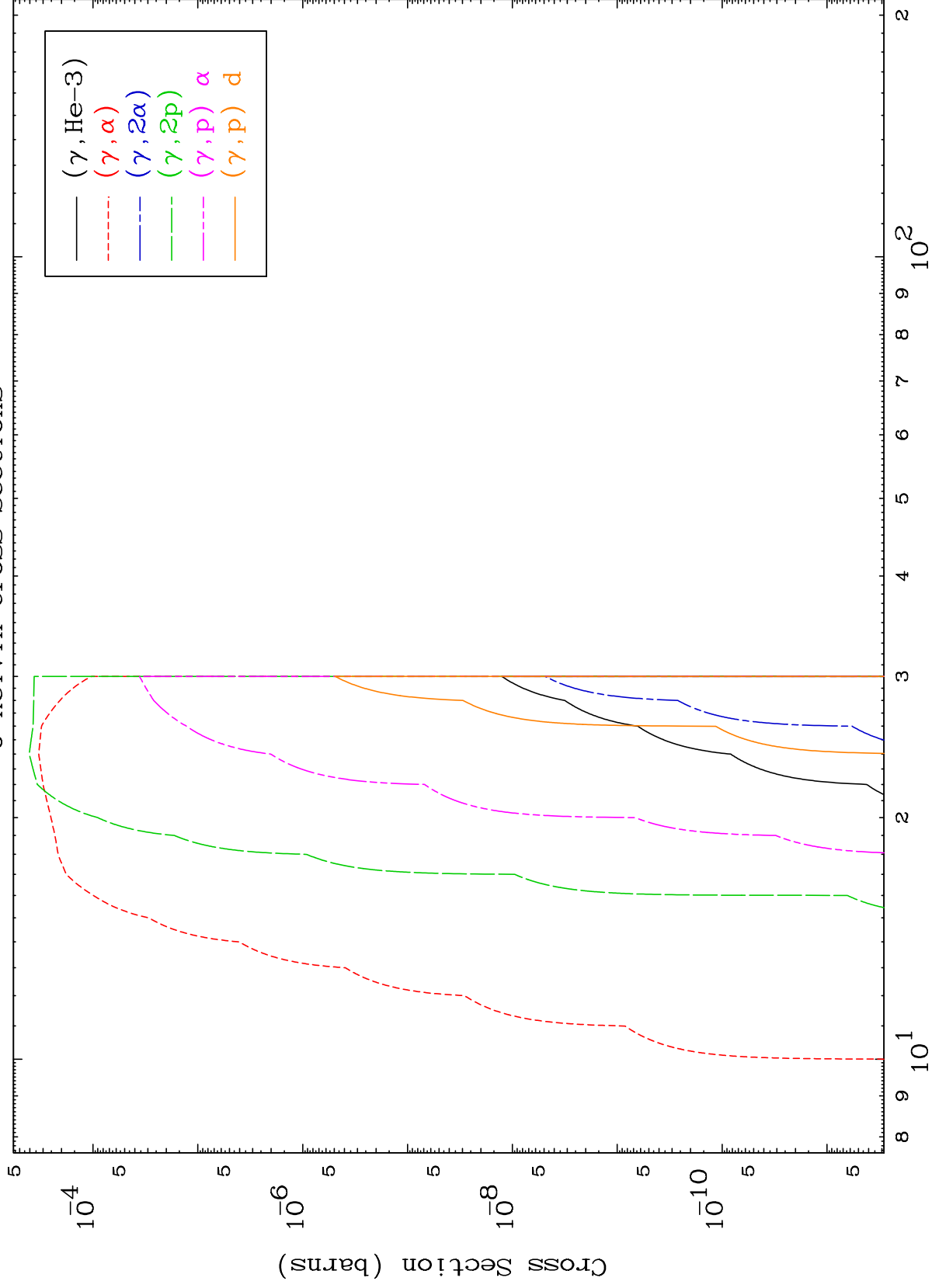
Incident Energy (MeV)

41-Nb-90

MAT 4116

Photon Charged Particle
0 Kelvin Cross Sections

41-Nb-90



4

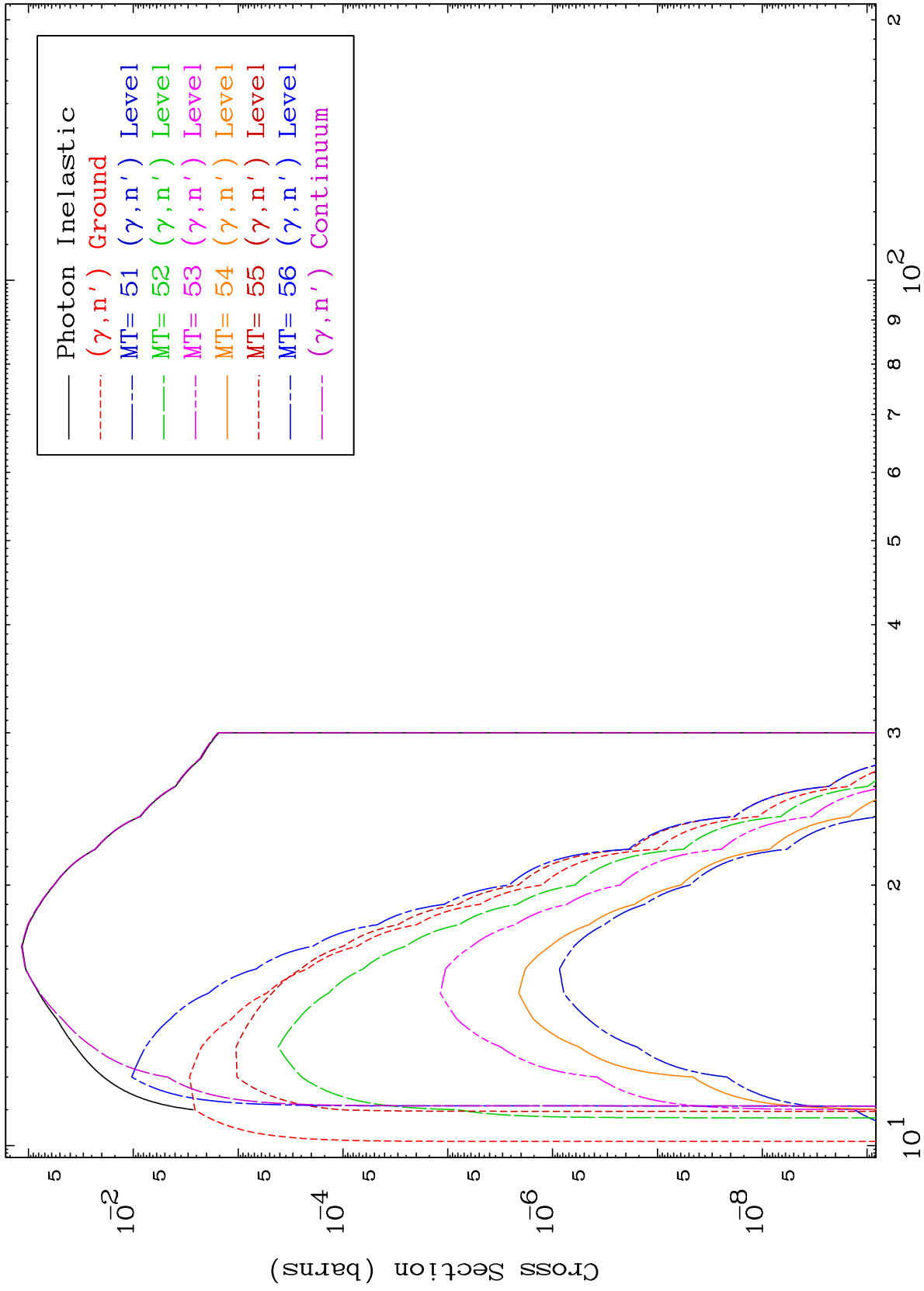
Incident Energy (MeV)

41-Nb-90

MAT 4116

(γ, n') Level
0 Kelvin Cross Sections

41-Nb-90



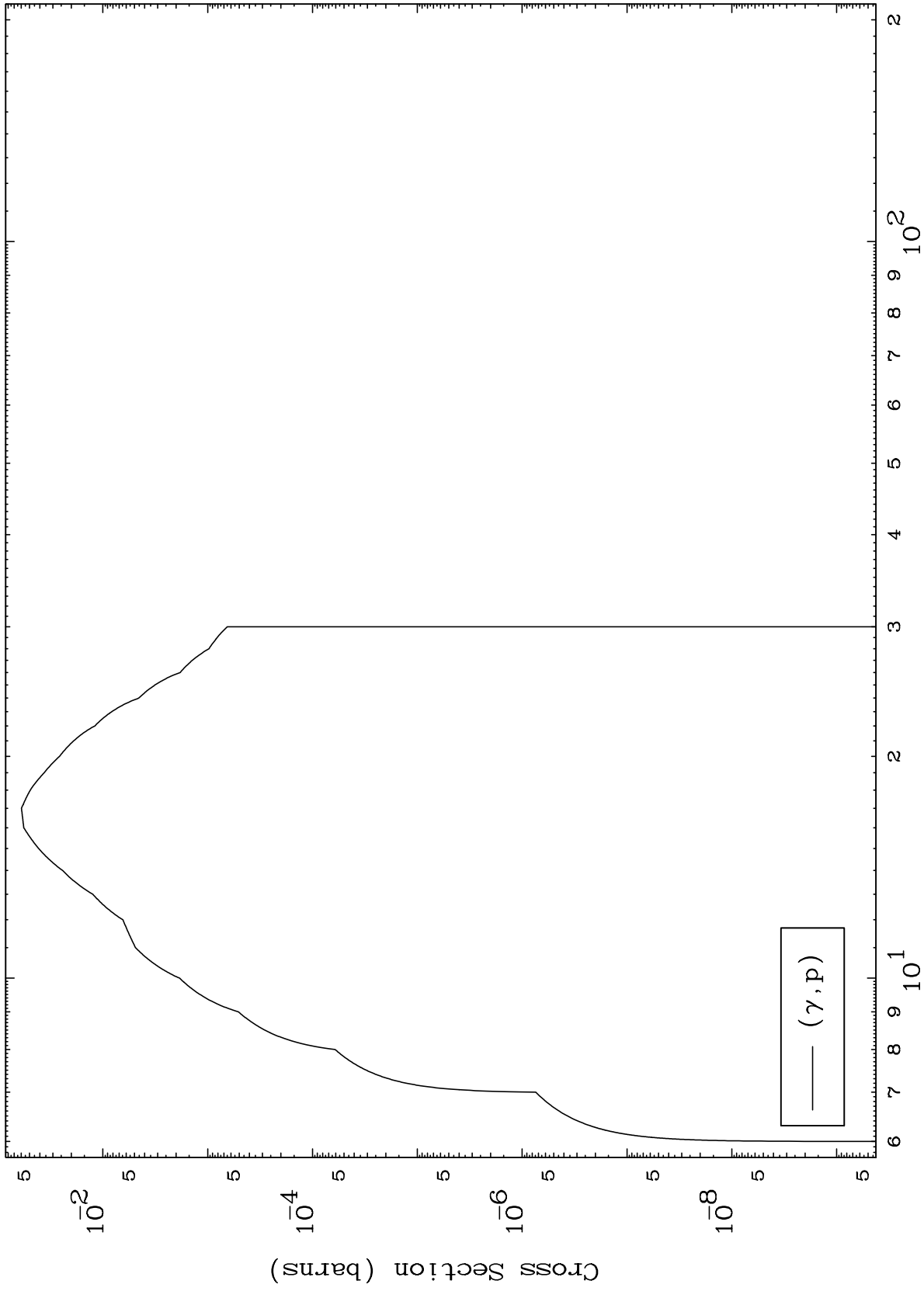
Incident Energy (MeV)

41-Nb-90

MAT 4116

(γ, p) Levels
0 Kelvin Cross Sections

41-Nb-90



6

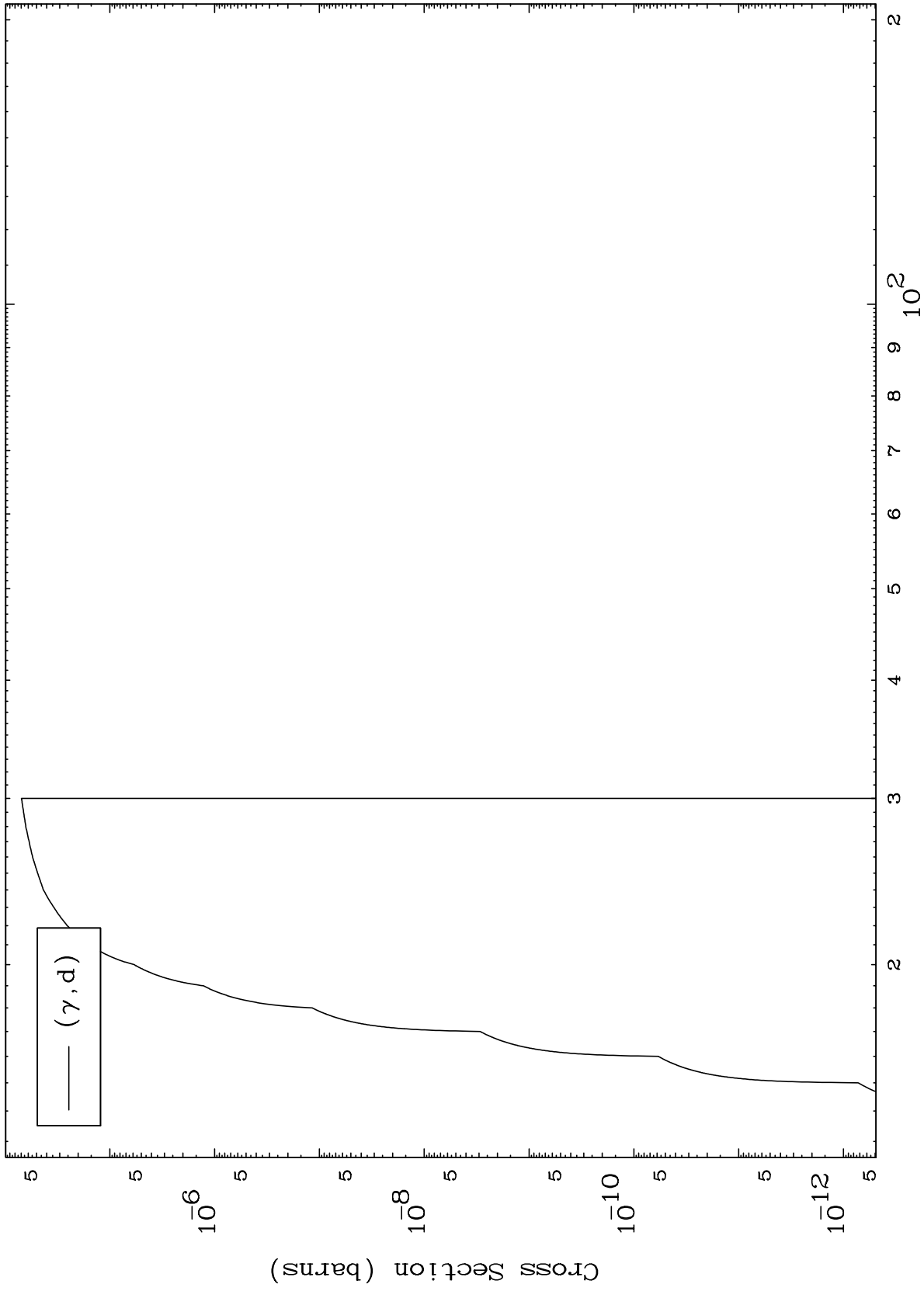
Incident Energy (MeV)

41-Nb-90

MAT 4116

(γ, d) Levels
0 Kelvin Cross Sections

41-Nb-90



7

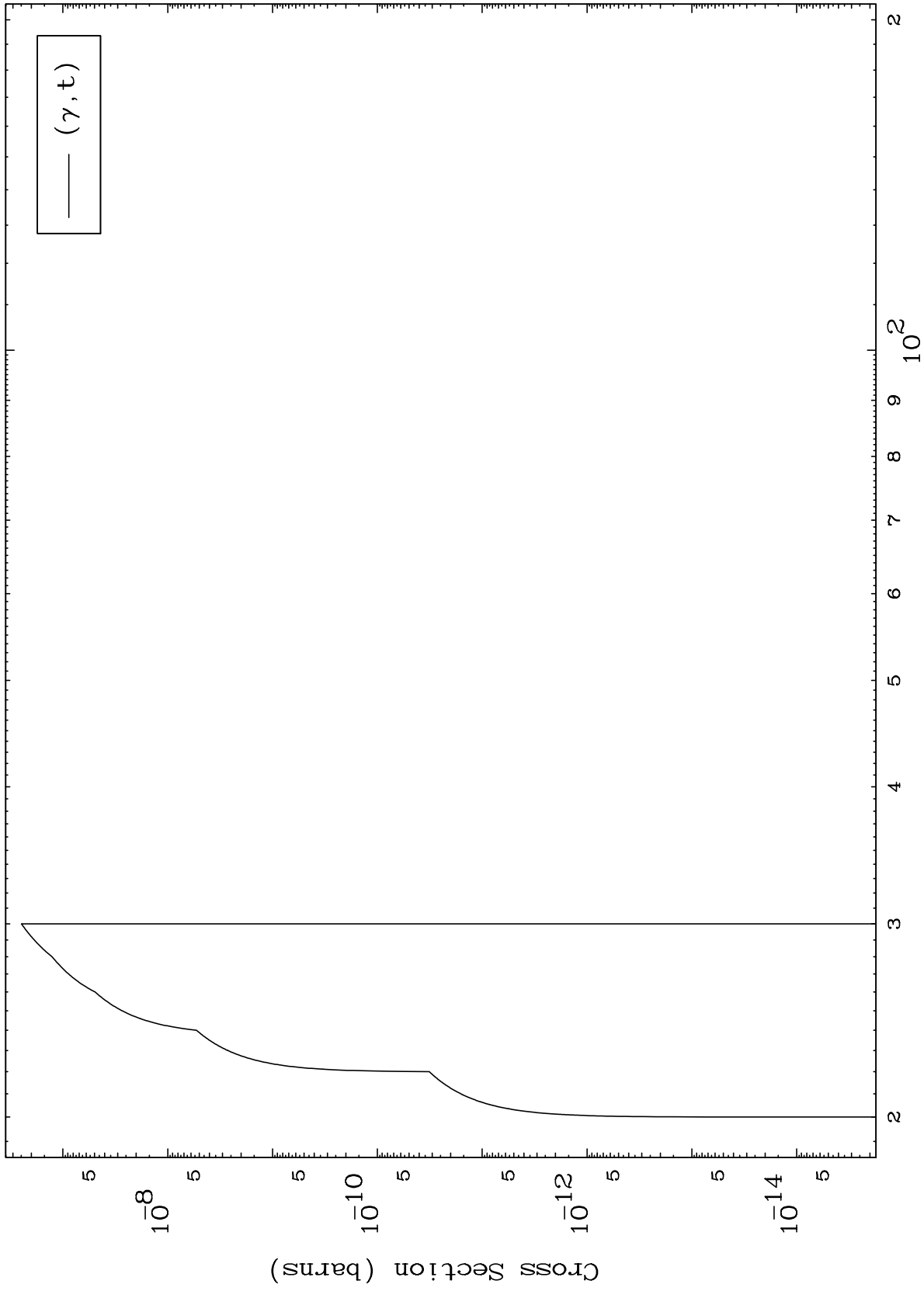
Incident Energy (MeV)

41-Nb-90

MAT 4116

(γ, t) Levels
0 Kelvin Cross Sections

41-Nb-90



8

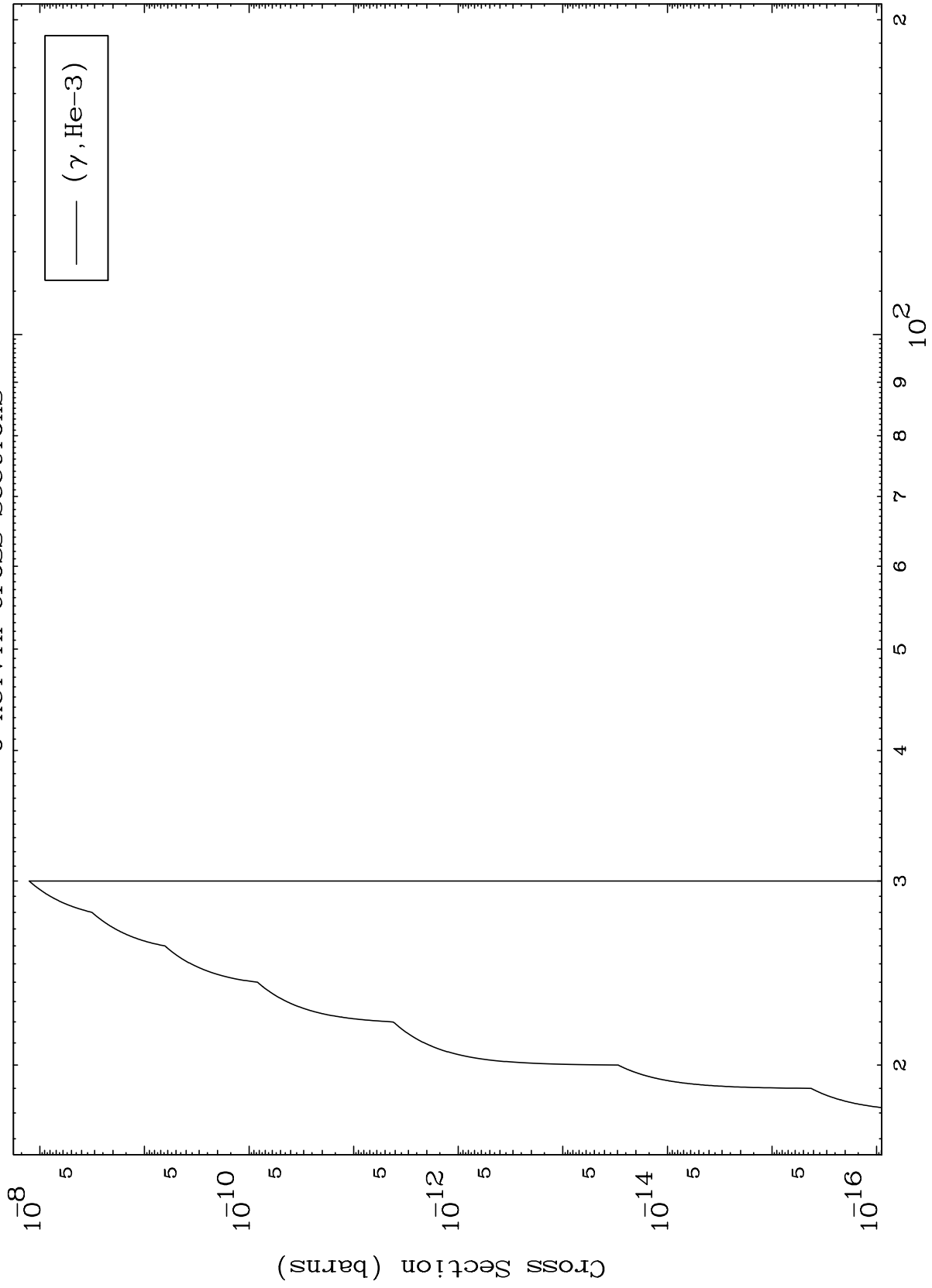
Incident Energy (MeV)

41-Nb-90

MAT 4116

(γ ,He3) Levels
0 Kelvin Cross Sections

41-Nb-90



9

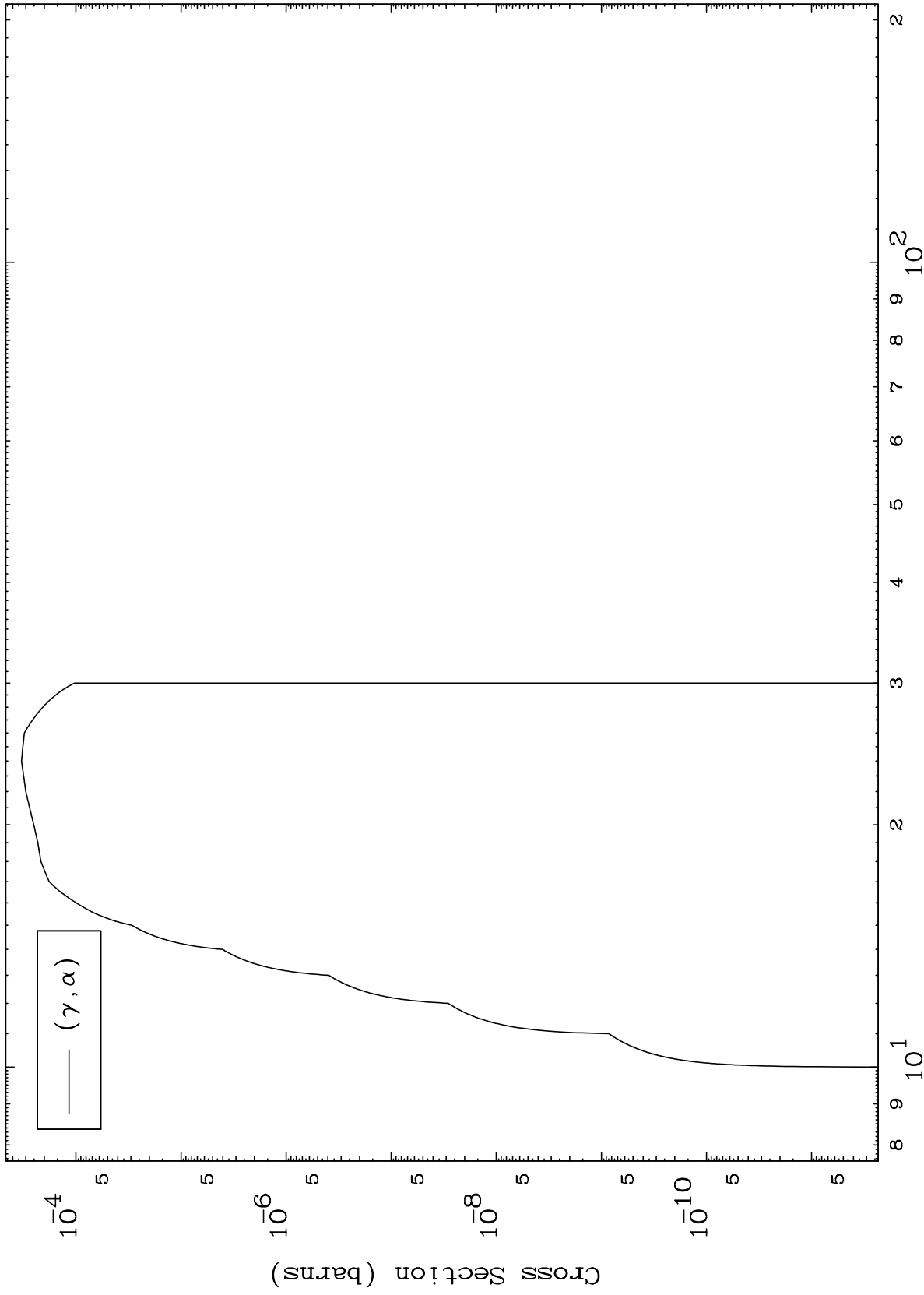
Incident Energy (MeV)

41-Nb-90

MAT 4116

(γ, α) Levels
0 Kelvin Cross Sections

41-Nb-90



10

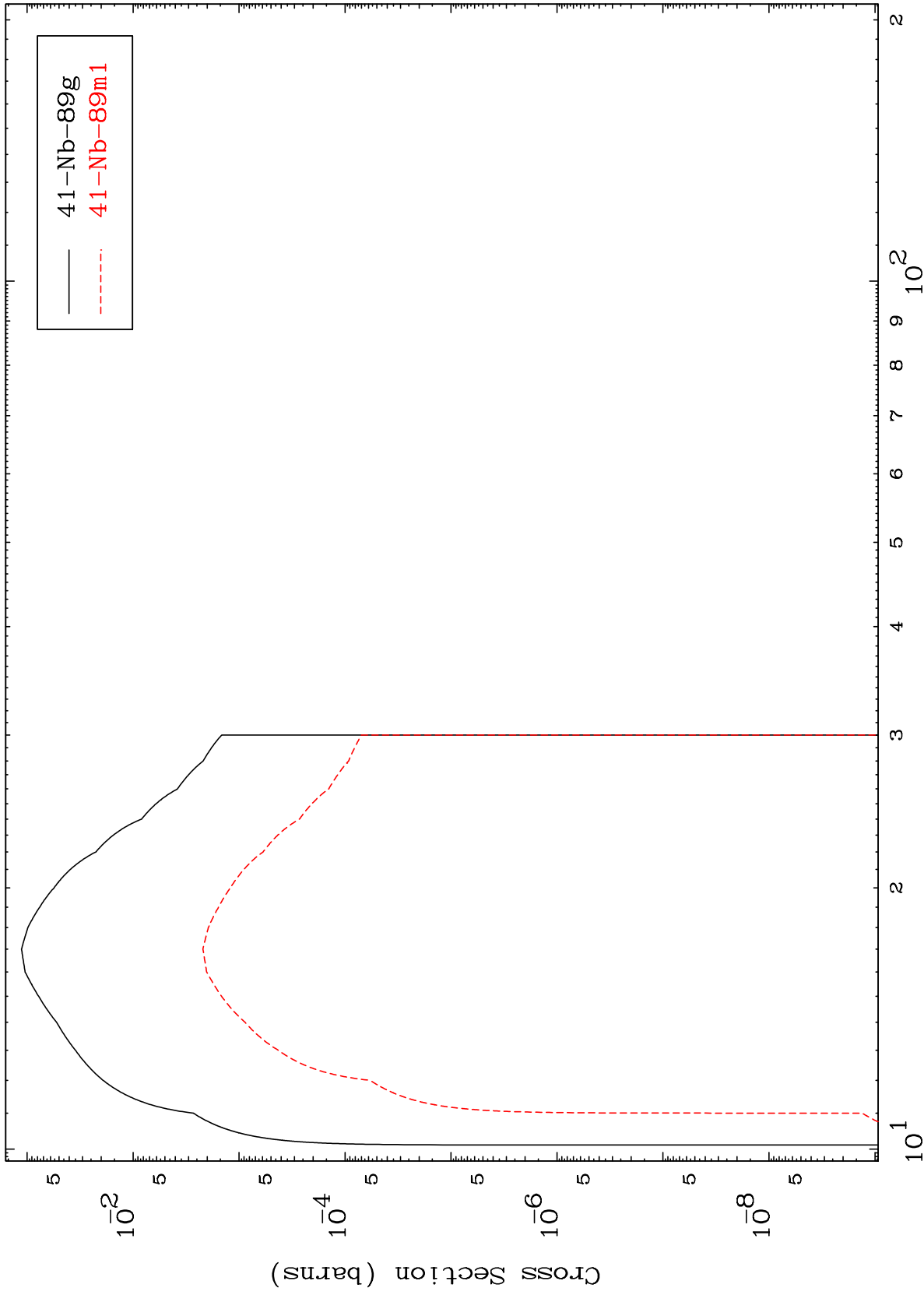
Incident Energy (MeV)

41-Nb-90

MAT 4116

Photon Inelastic
Radionuclide Production Cross Section

41-Nb-90



11

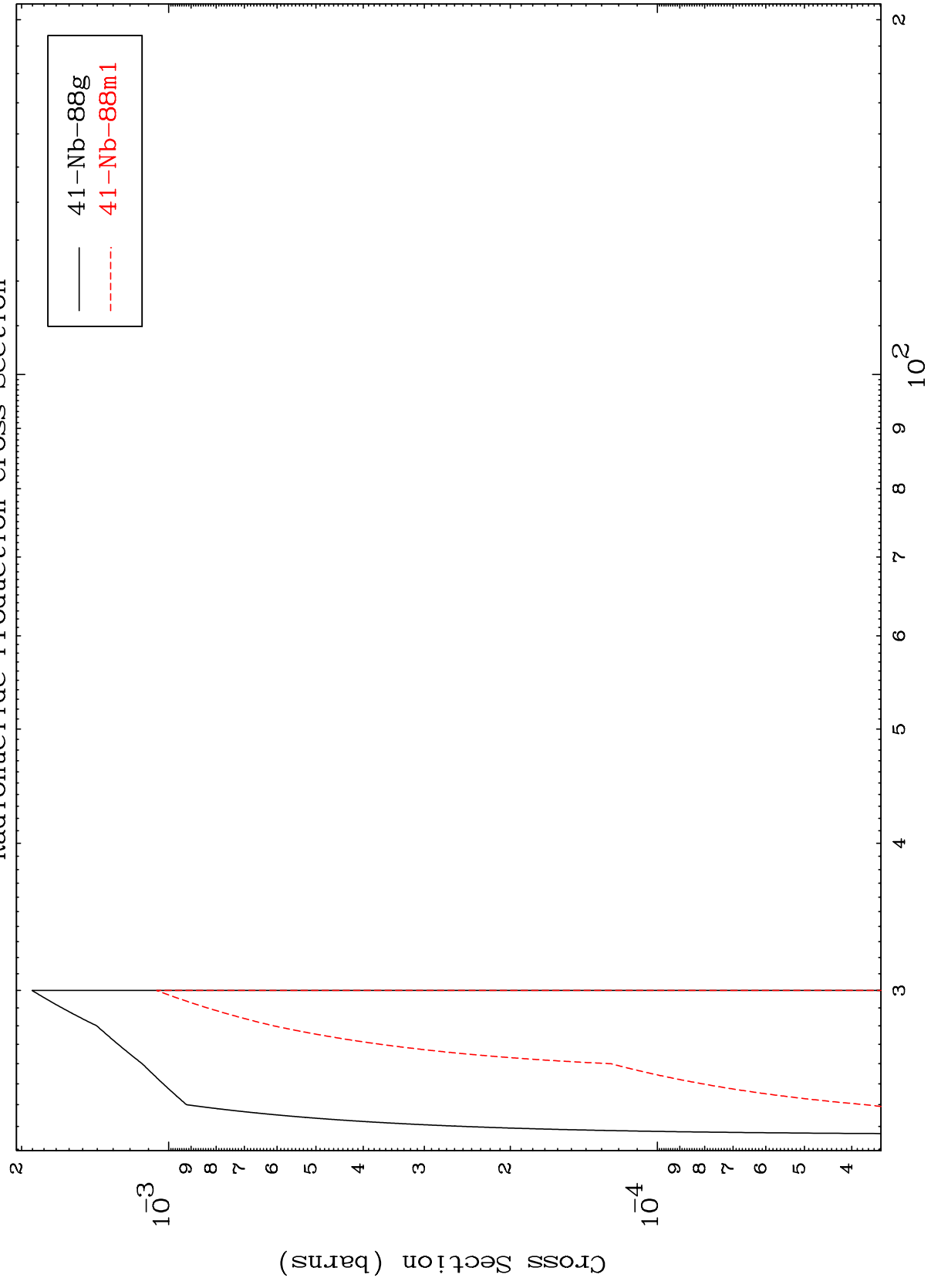
Incident Energy (MeV)

41-Nb-90

MAT 4116

Radionuclide Production Cross Section
($\gamma, 2n$)

41-Nb-90



41-Nb-90

Incident Energy (MeV)

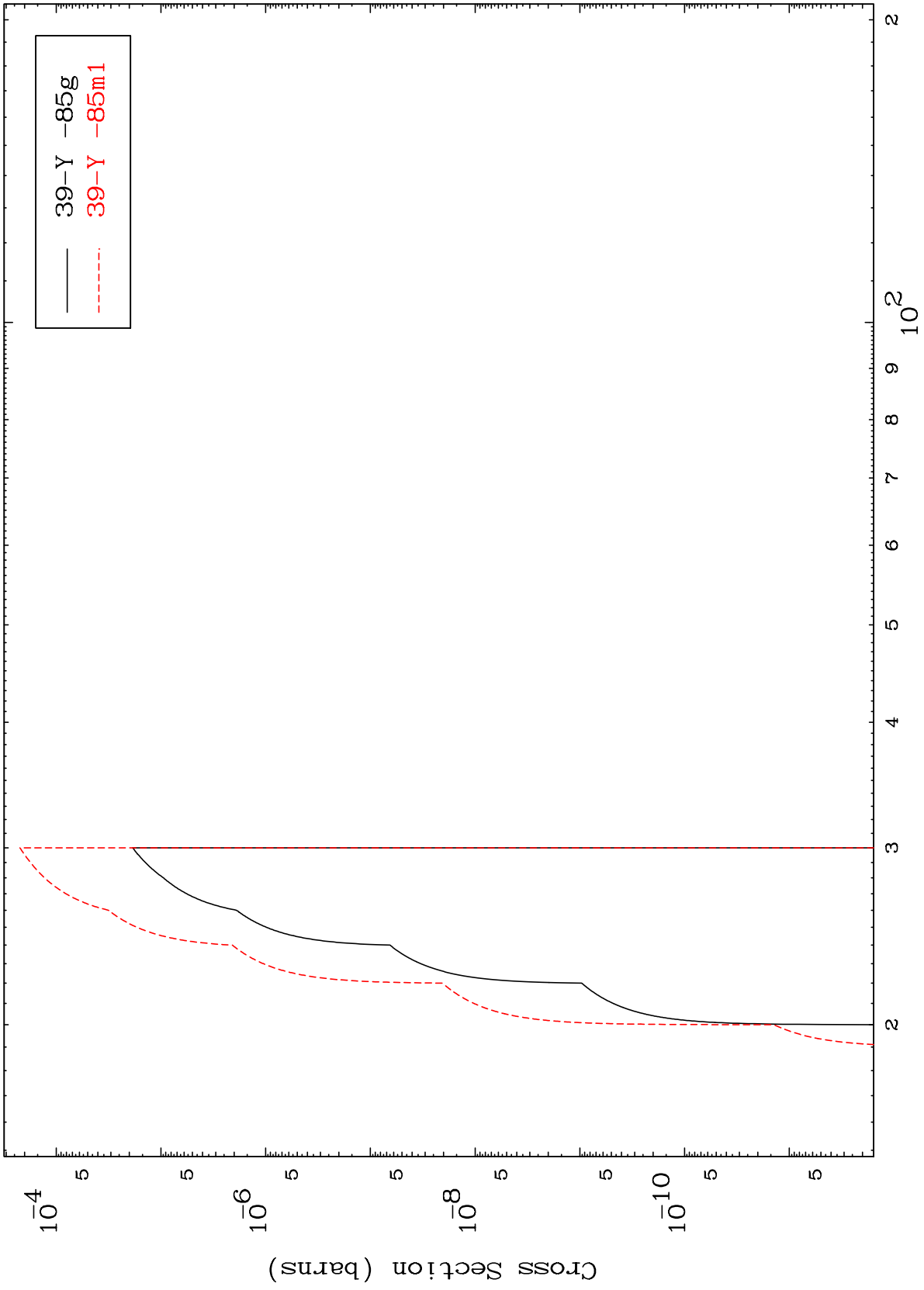
12

MAT 4116

(γ, n') α

41-Nb-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

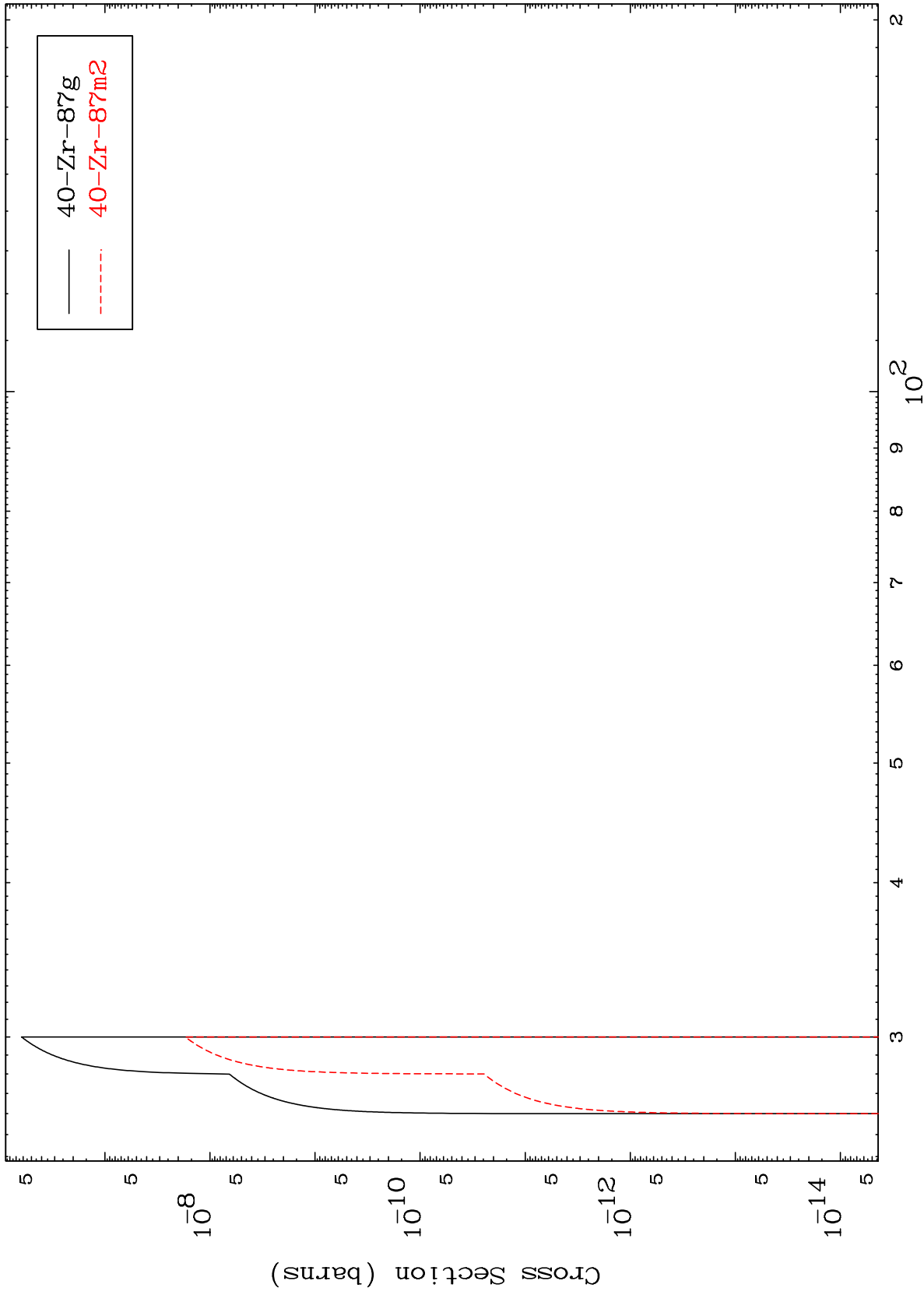
41-Nb-90

MAT 4116

(γ, n') d

41-Nb-90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

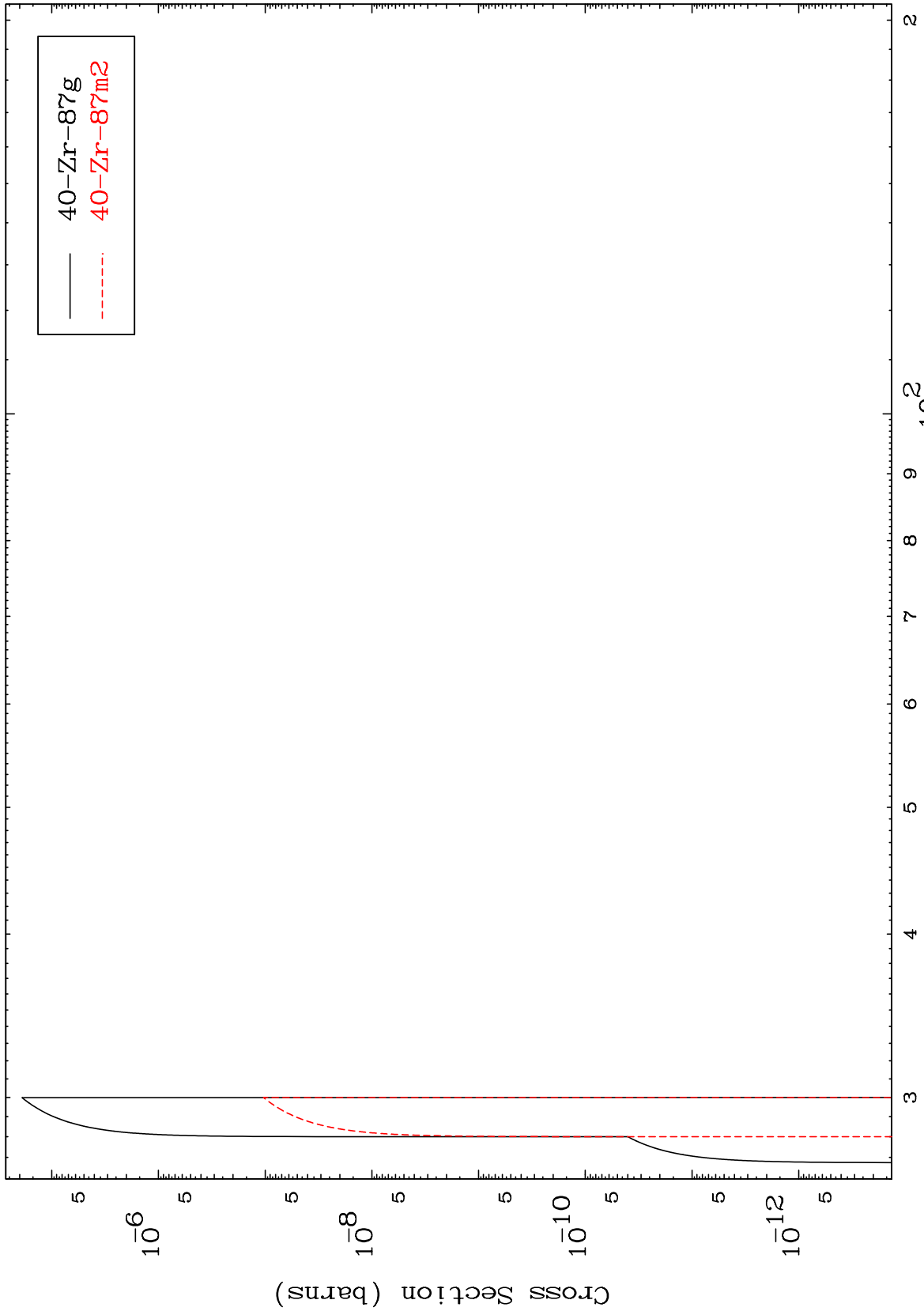
41-Nb-90

MAT 4116

($\gamma, 2n$) p

41-Nb-90

Radionuclide Production Cross Section



15

Incident Energy (MeV)

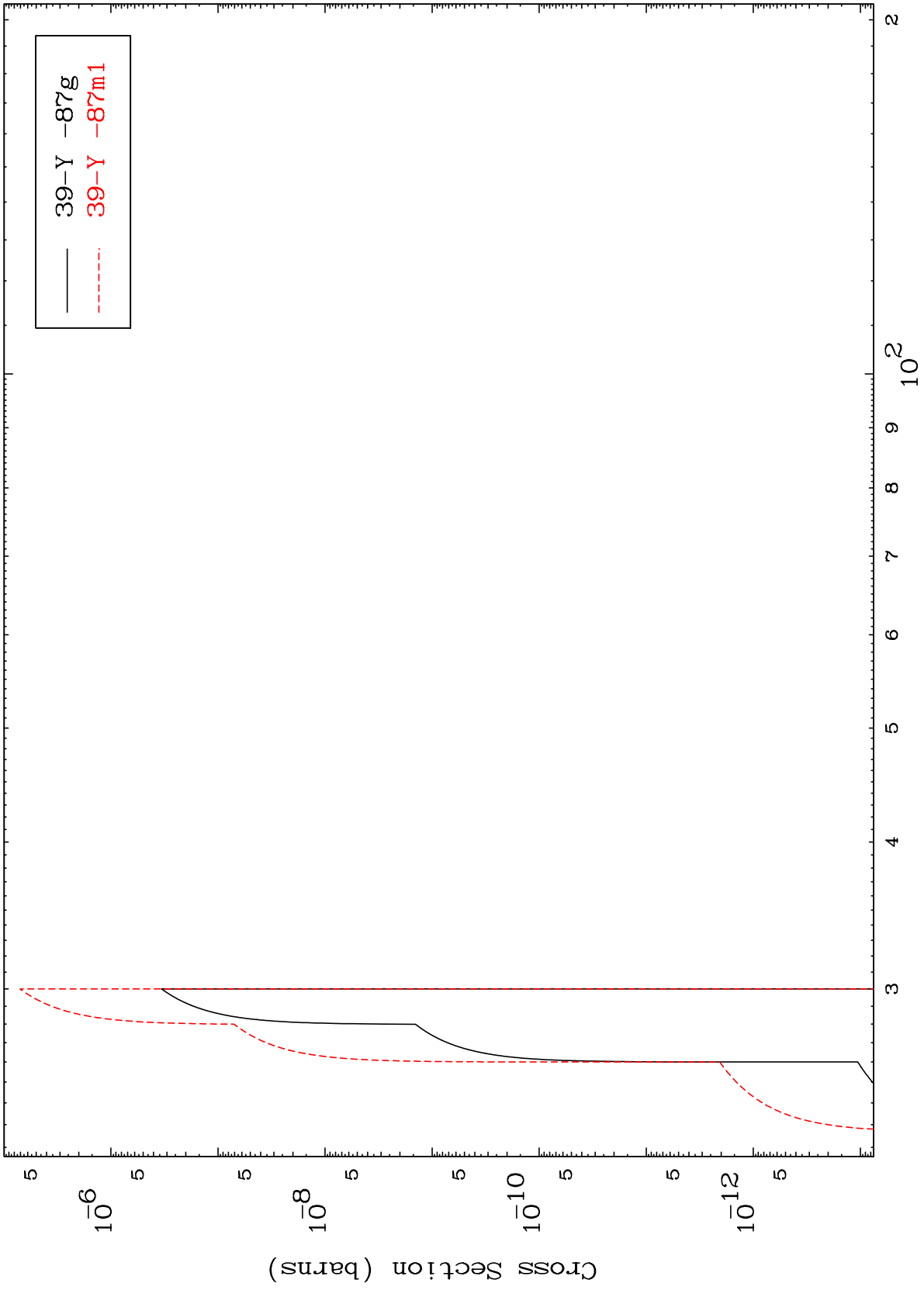
41-Nb-90

MAT 4116

($\gamma, 2n$) p

41-Nb-90

Radionuclide Production Cross Section



16

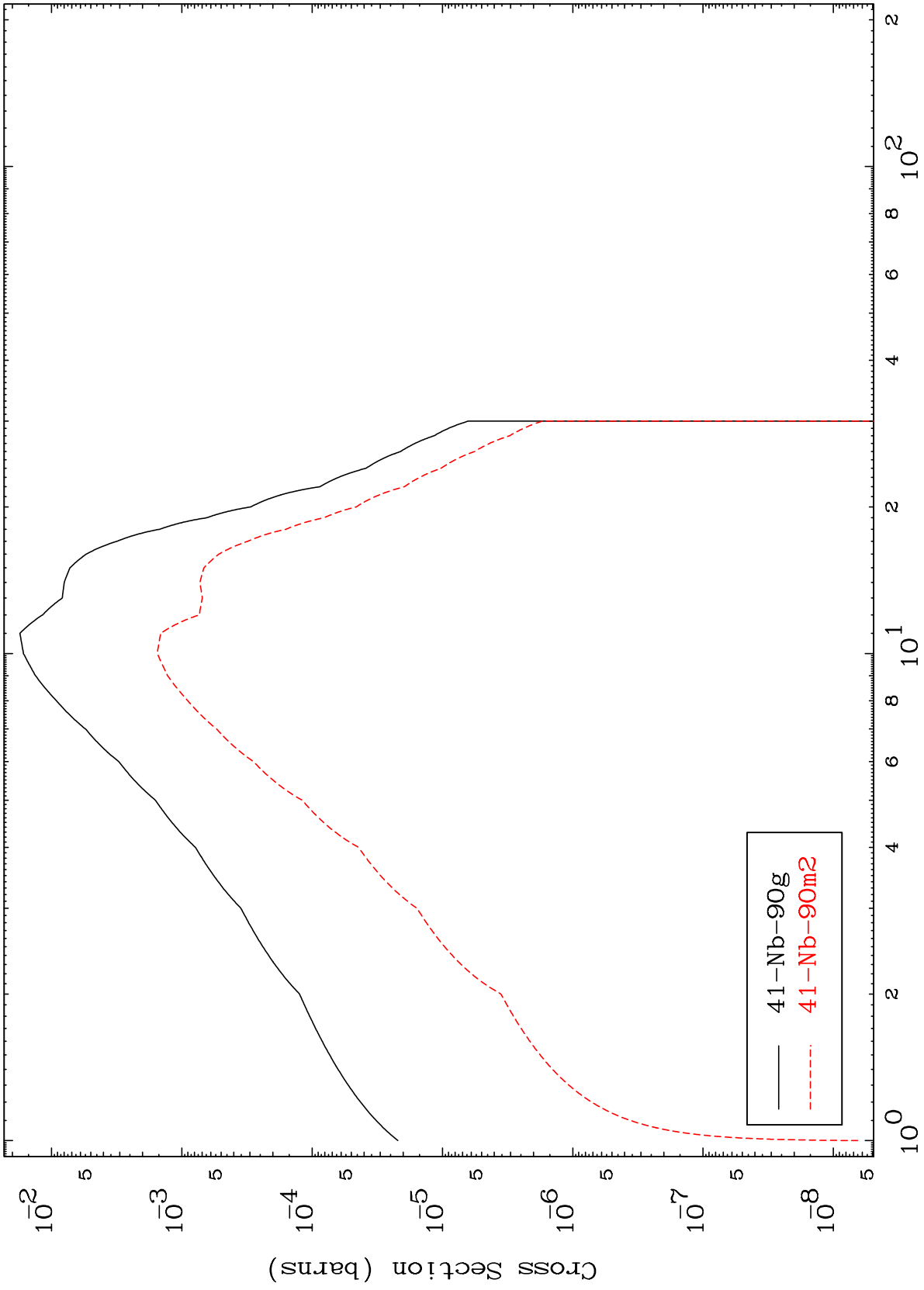
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section
(γ, γ)



17

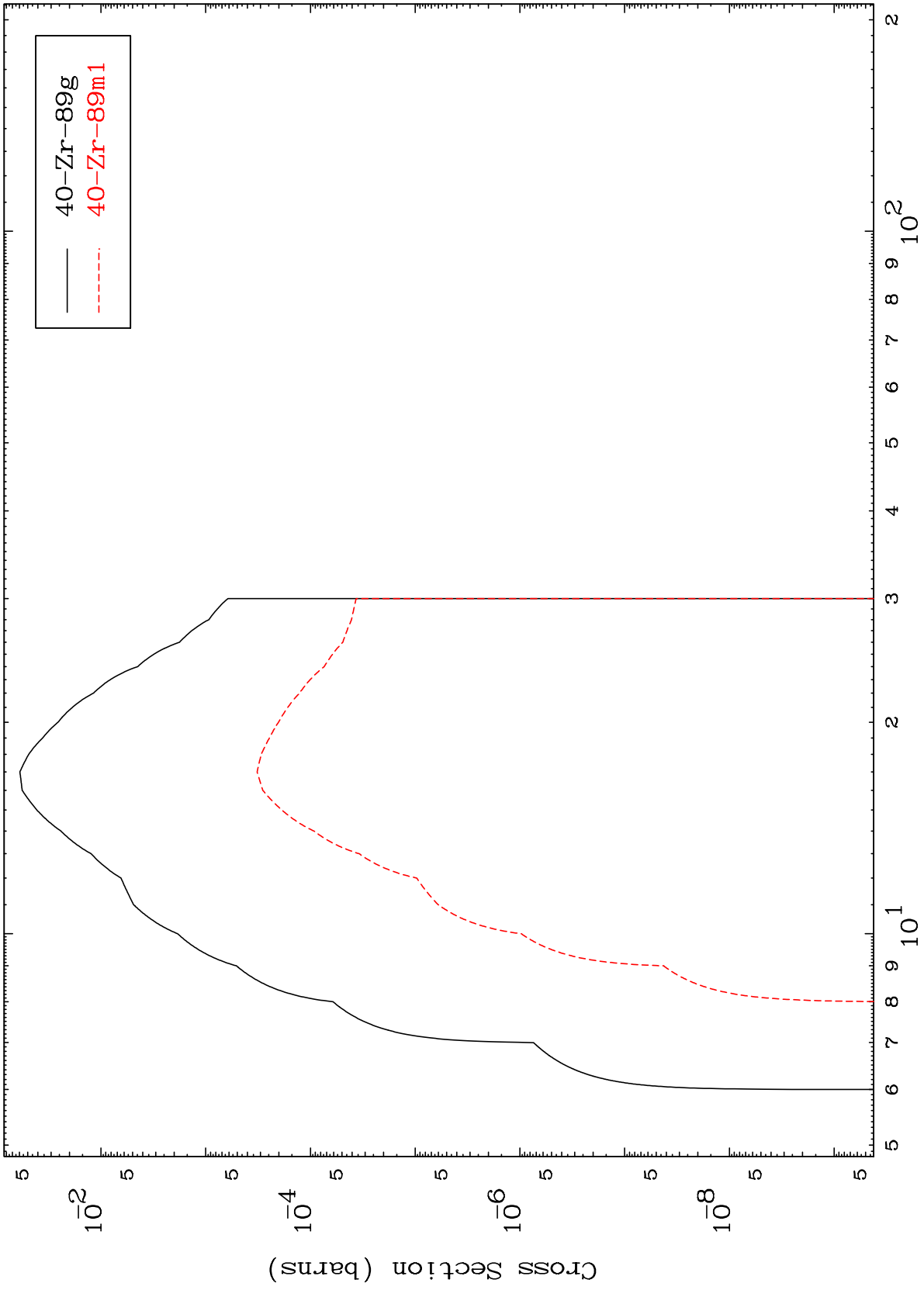
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section
(γ, p)



18

Incident Energy (MeV)

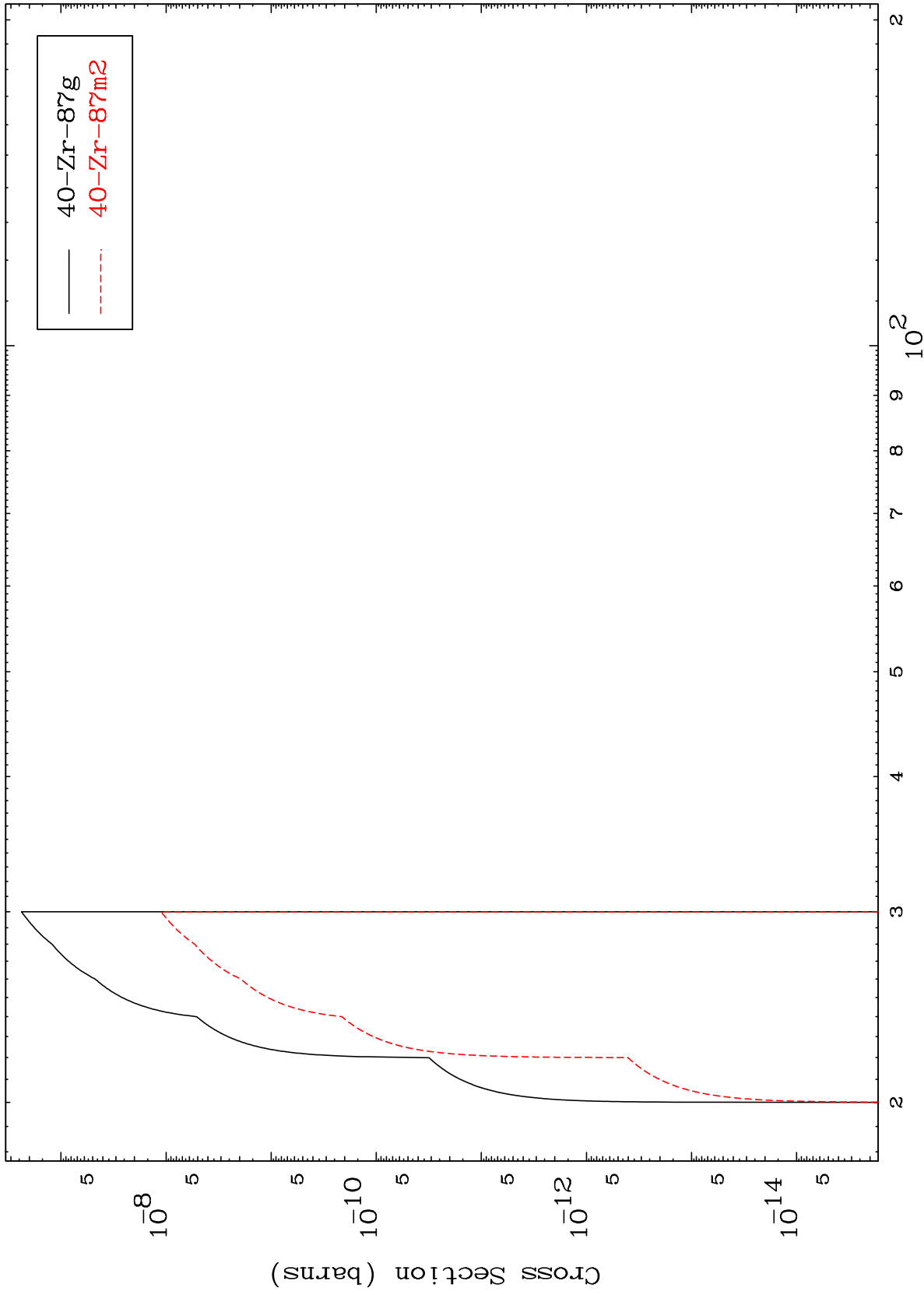
41-Nb-90

MAT 4116

(γ, t)

41-Nb-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

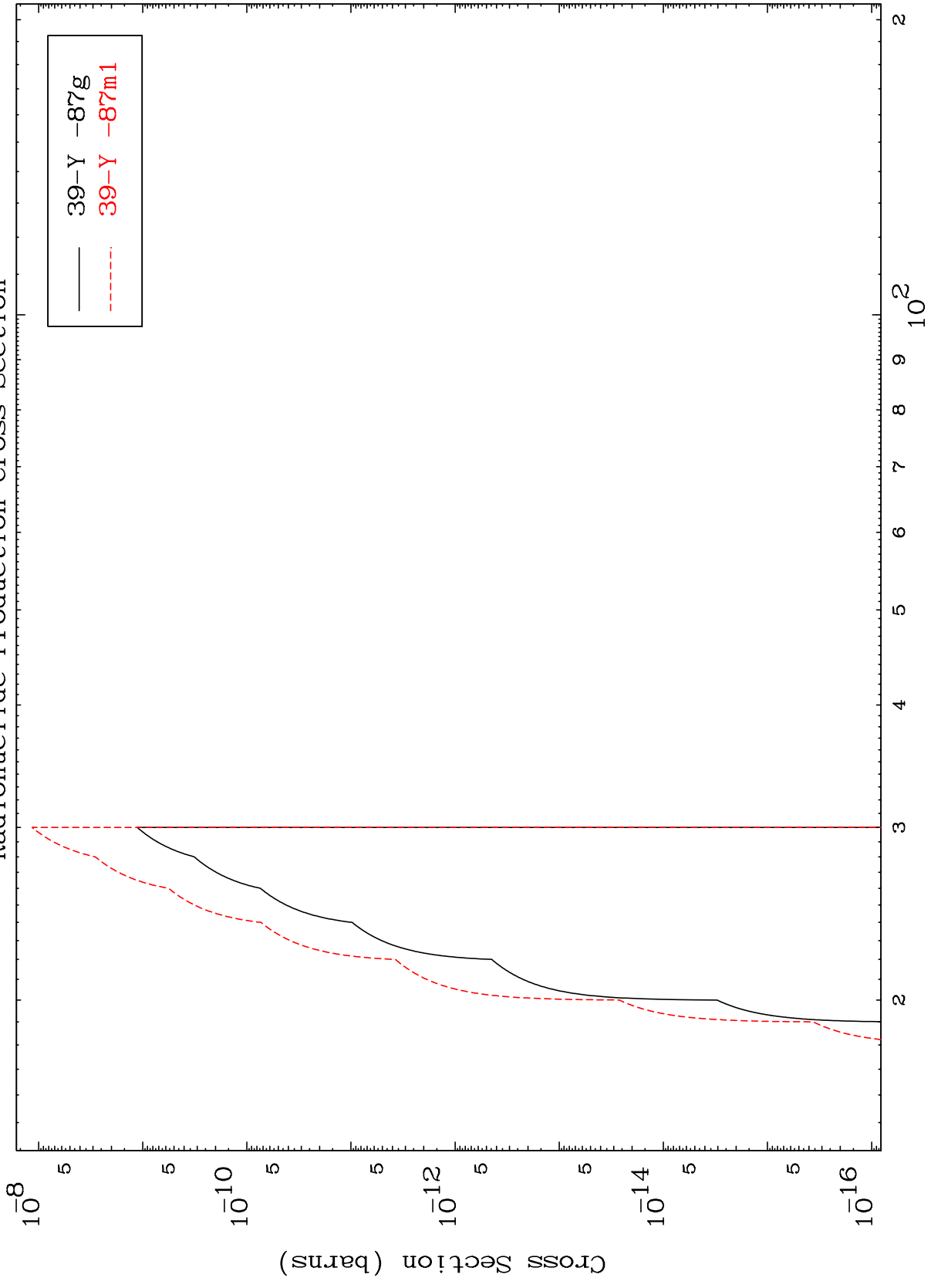
41-Nb-90

MAT 4116

($\gamma, \text{He-3}$)

41-Nb-90

Radionuclide Production Cross Section



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

20

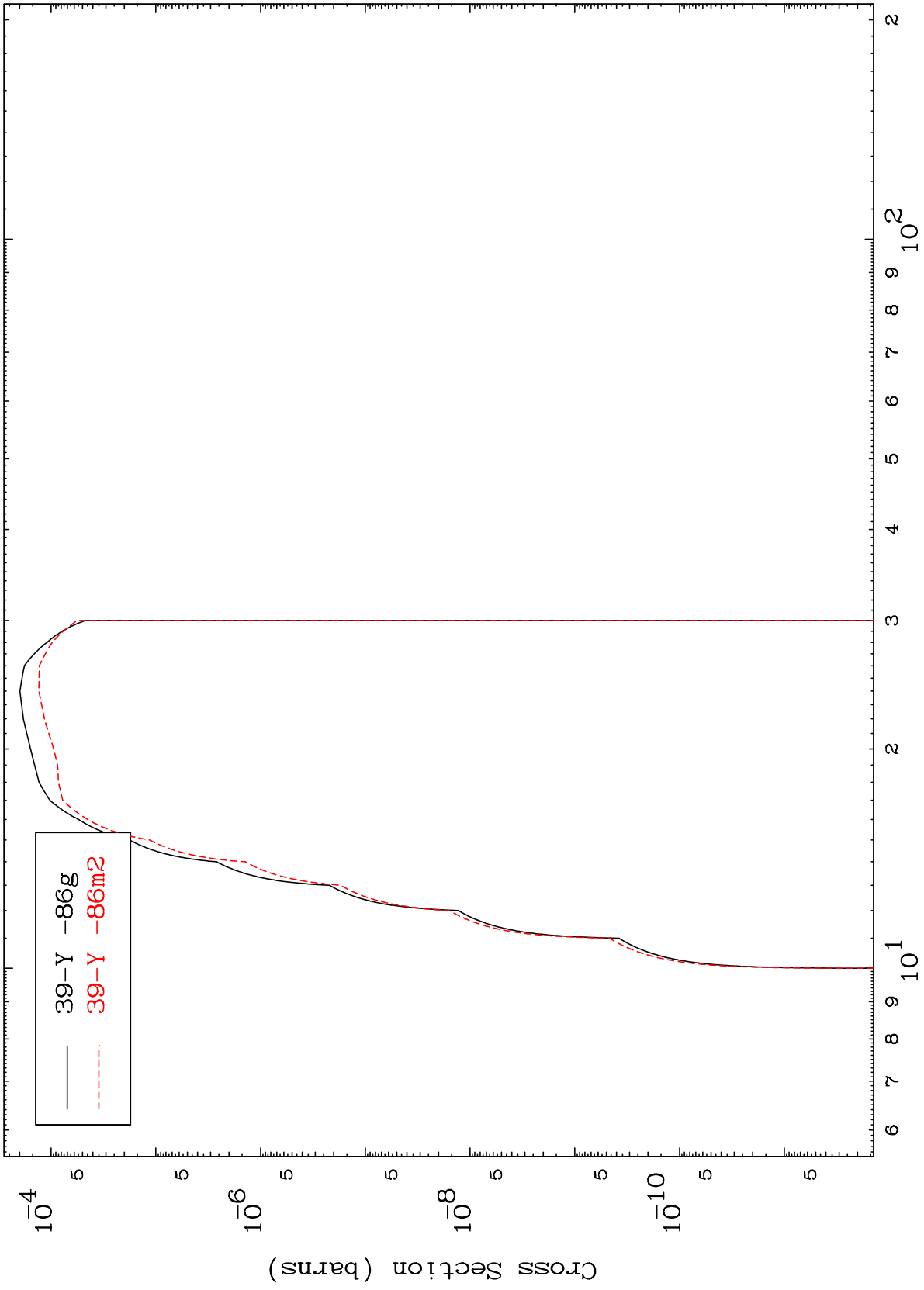
Incident Energy (MeV)

41-Nb-90

MAT 4116

41-Nb-90

Radionuclide Production Cross Section
(γ, α)

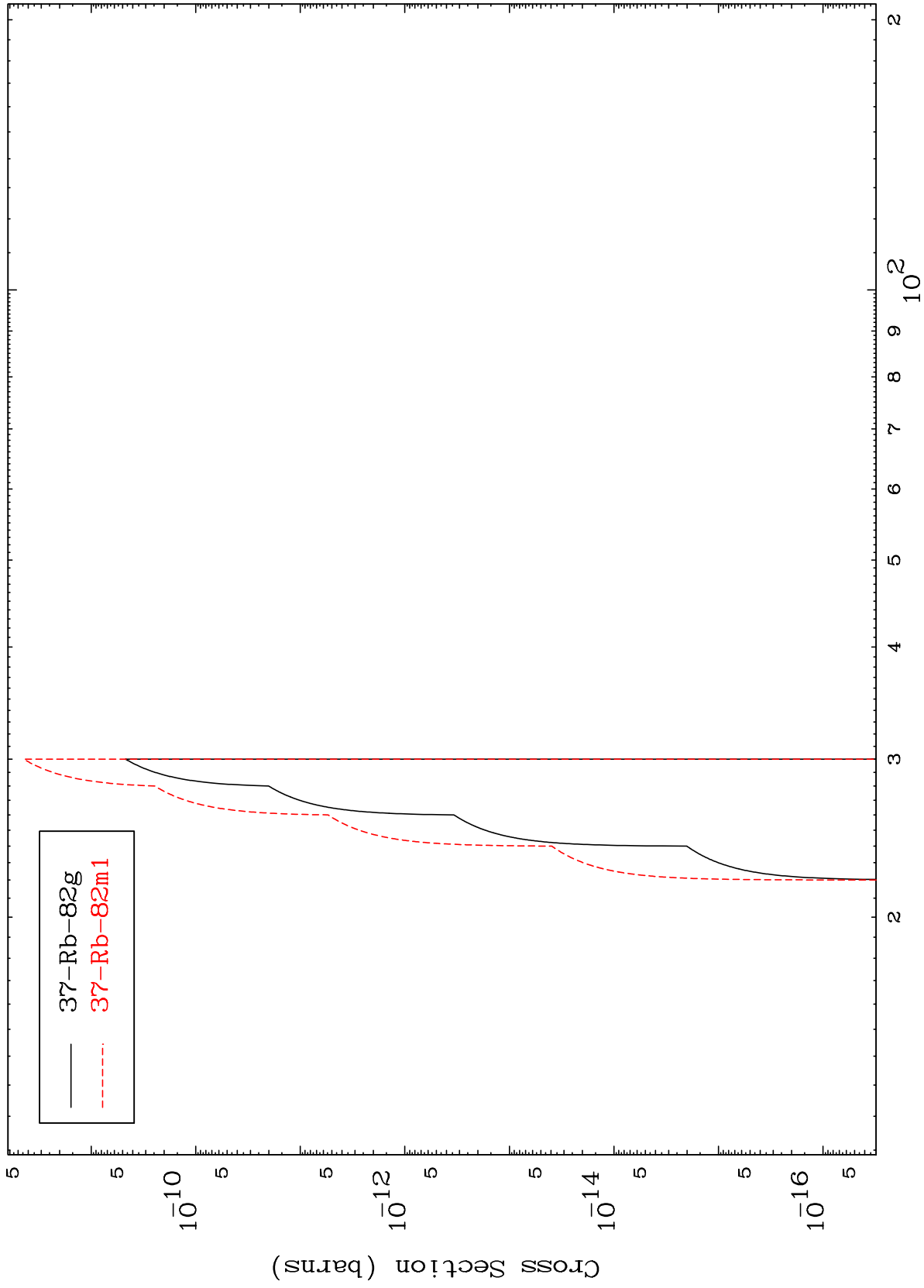


39-Y -86g
39-Y -86m2

MAT 4116

41-Nb-90

($\gamma, 2\alpha$)
Radionuclide Production Cross Section



22

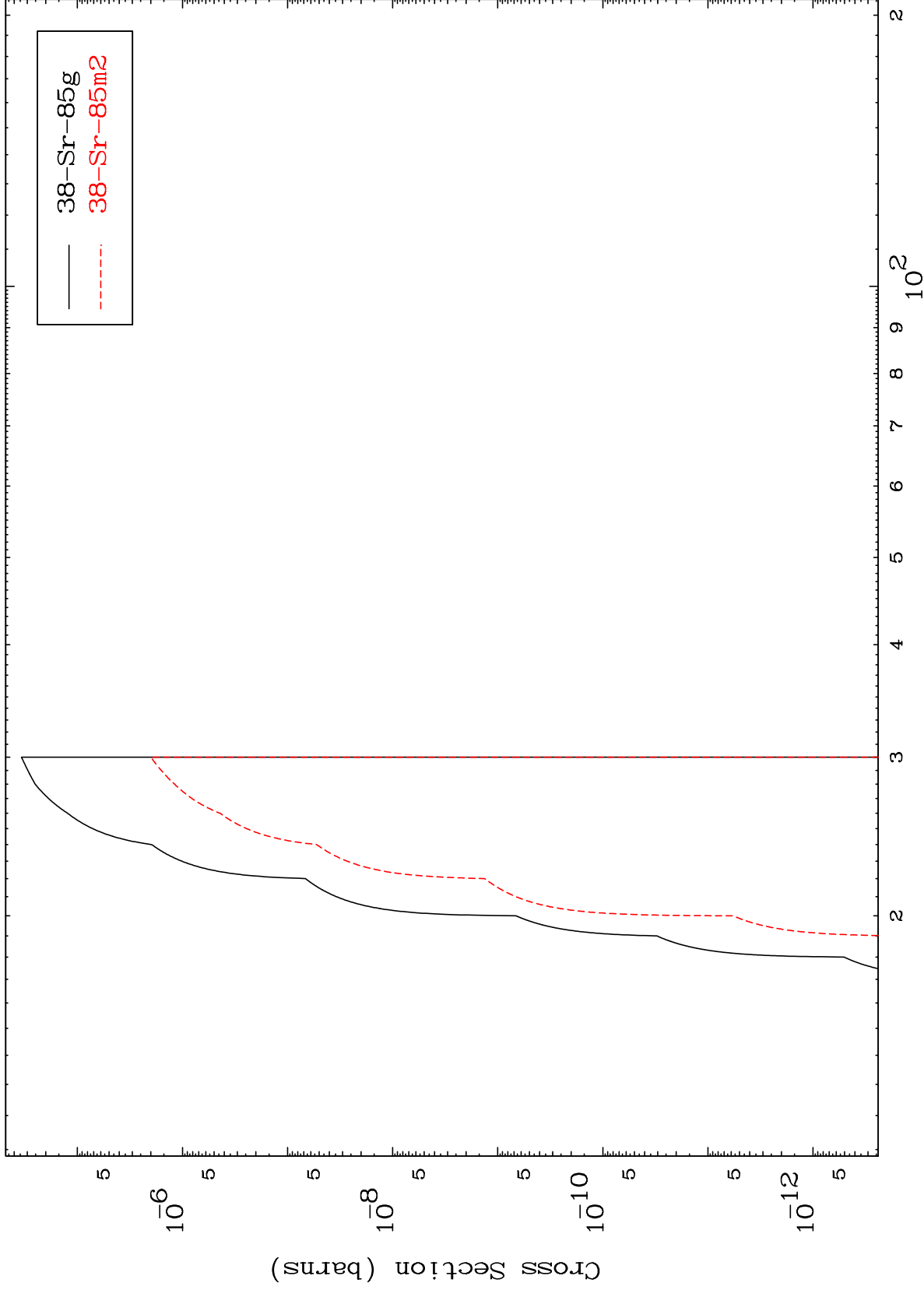
41-Nb-90

MAT 4116

(γ, p) α

41-Nb-90

Radionuclide Production Cross Section



23

Incident Energy (MeV)

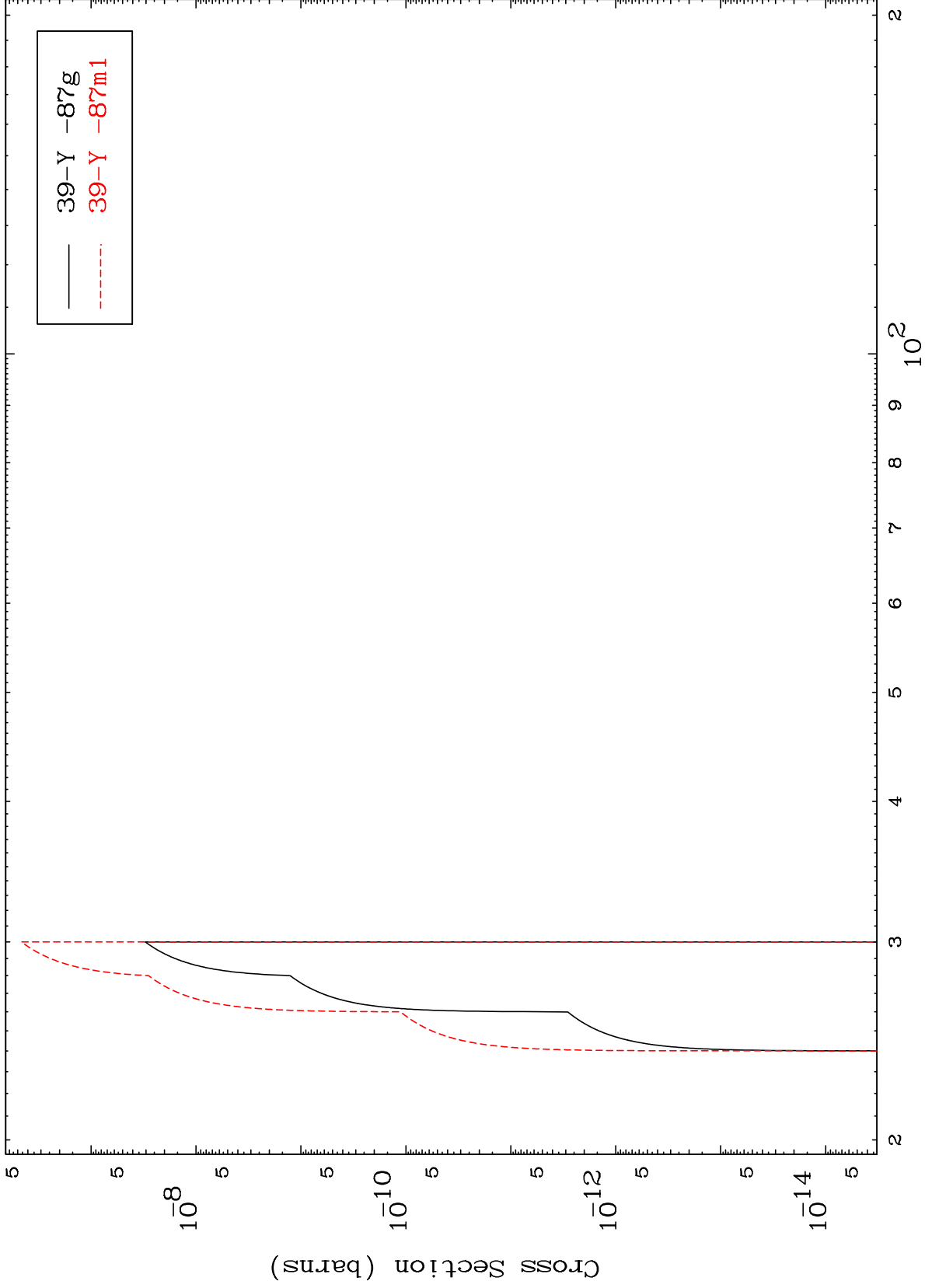
41-Nb-90

MAT 4116

(γ, p) d

41-Nb-90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

41-Nb-90