

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

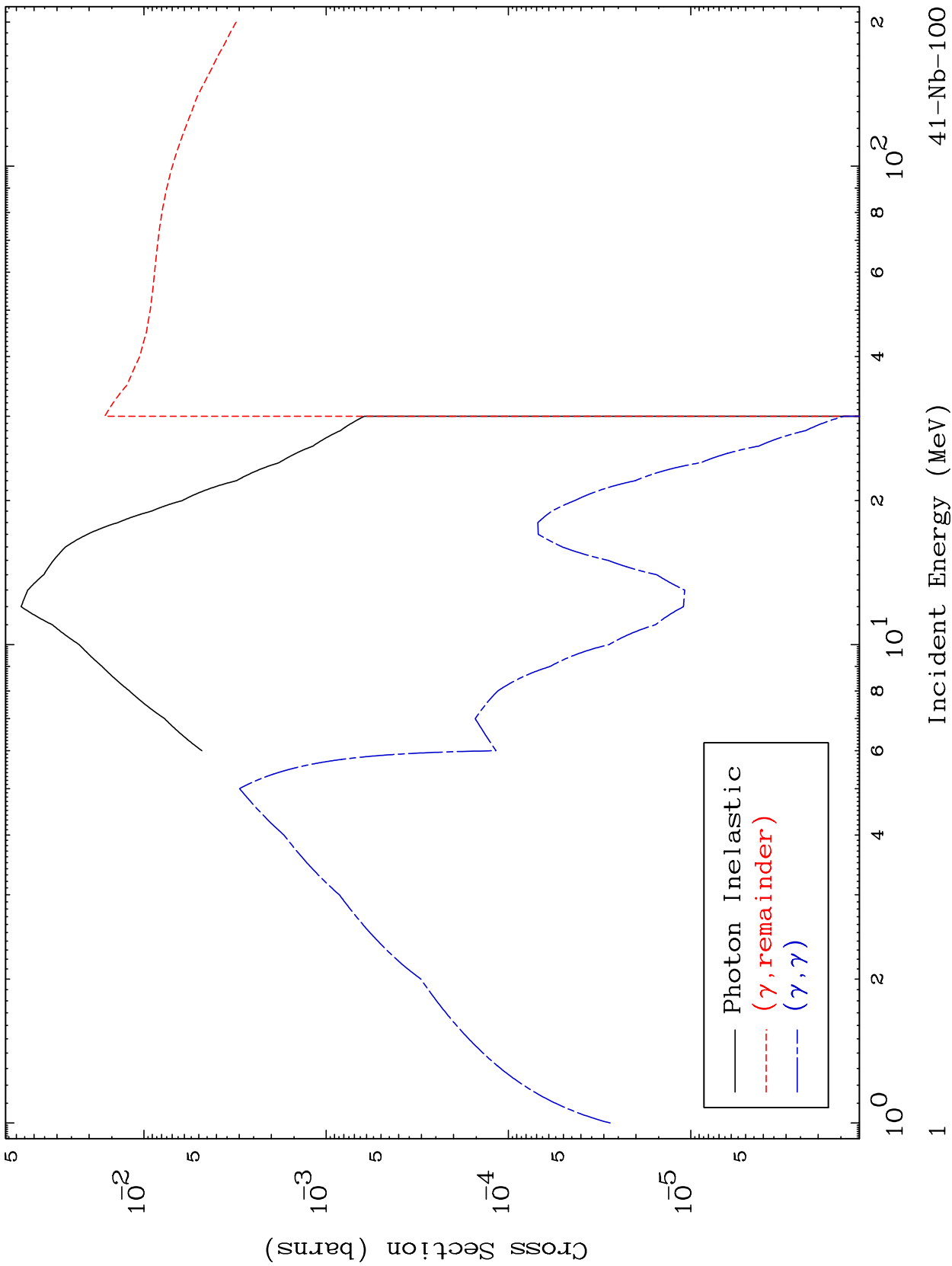
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4147

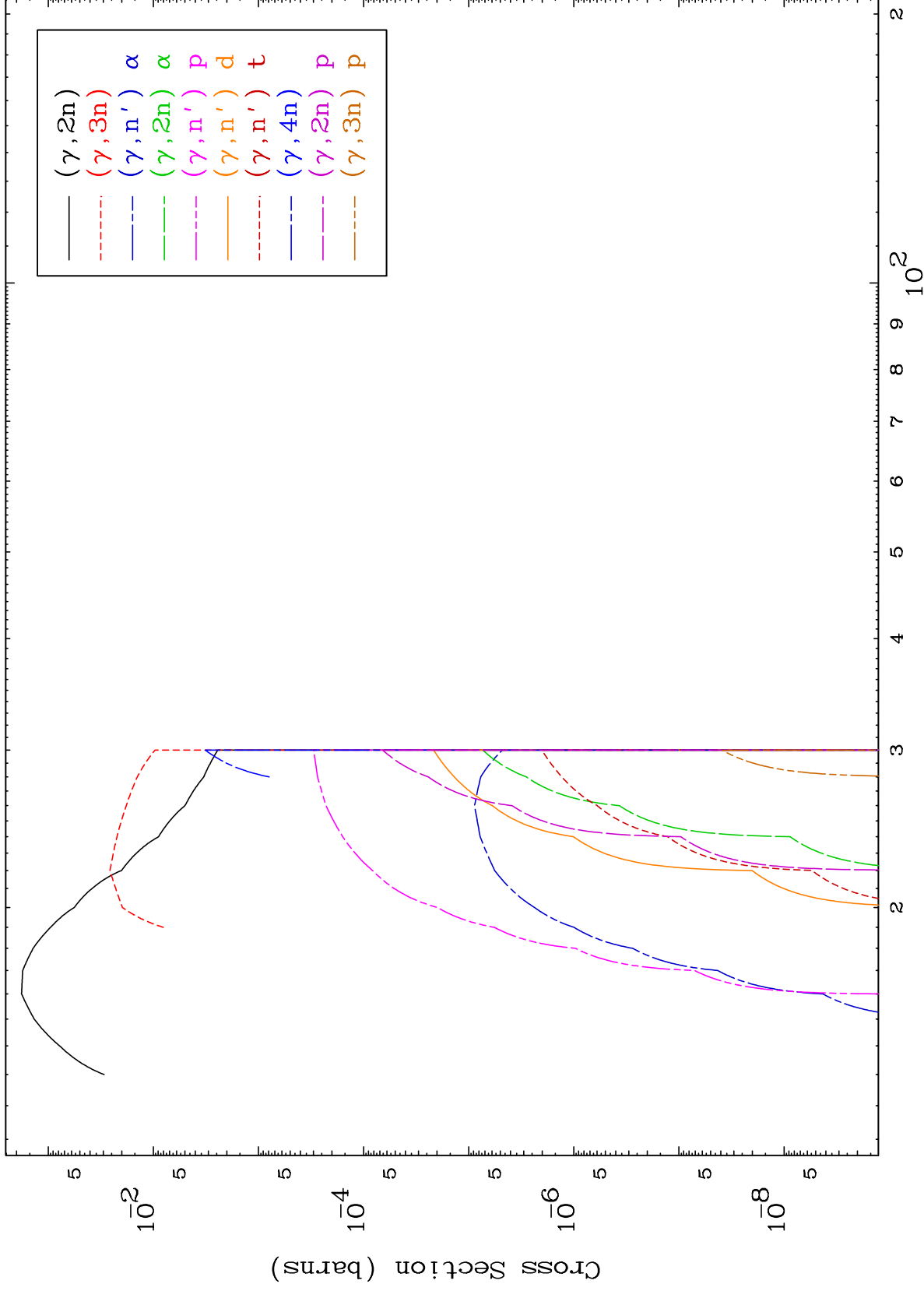
Photon Major
0 Kelvin Cross Sections

41-Nb-100



Incident Energy (MeV)

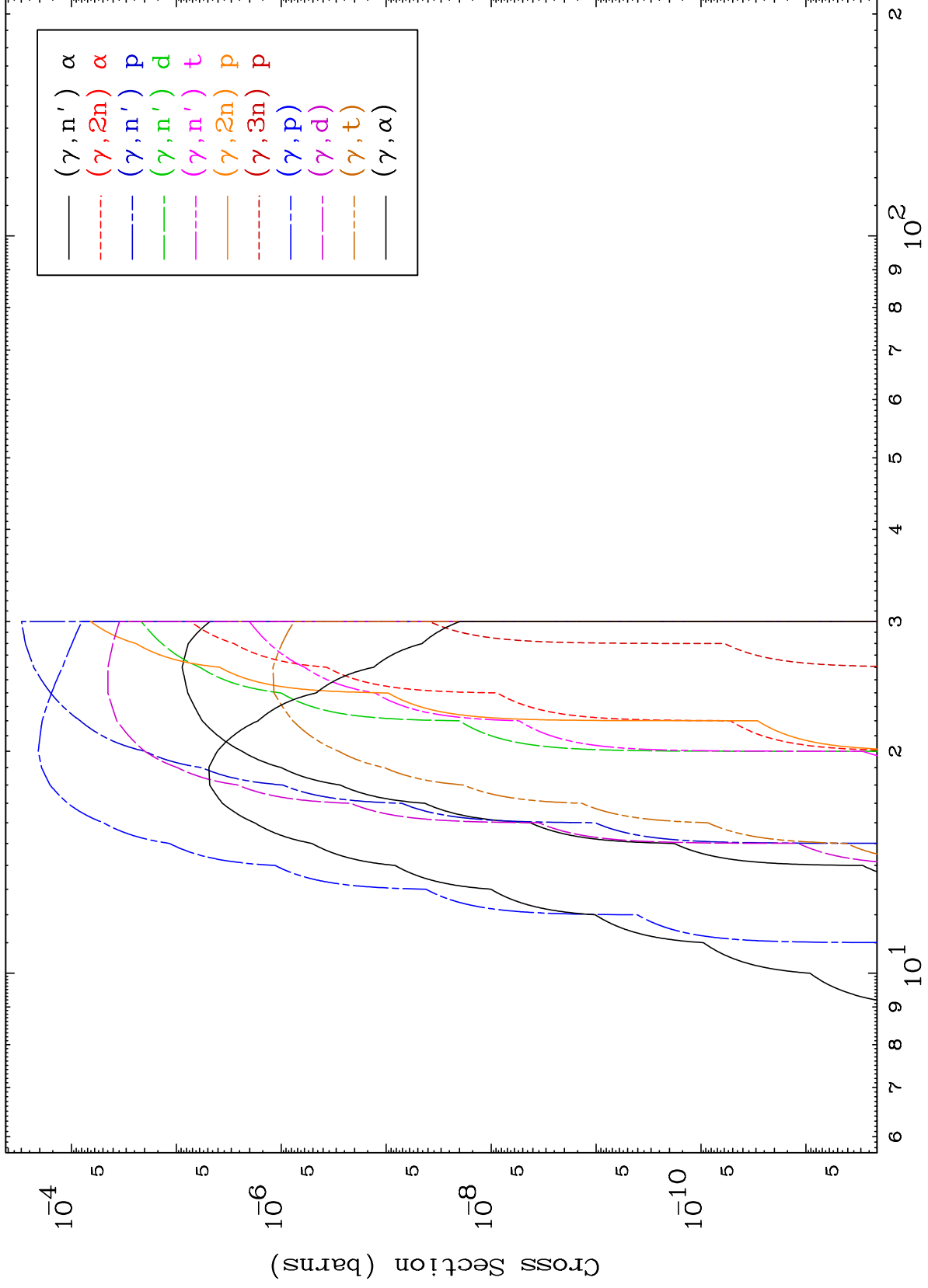
41-Nb-100



MAT 4147

Photon Charged Particle
0 Kelvin Cross Sections

41-Nb-100



3

Incident Energy (MeV)

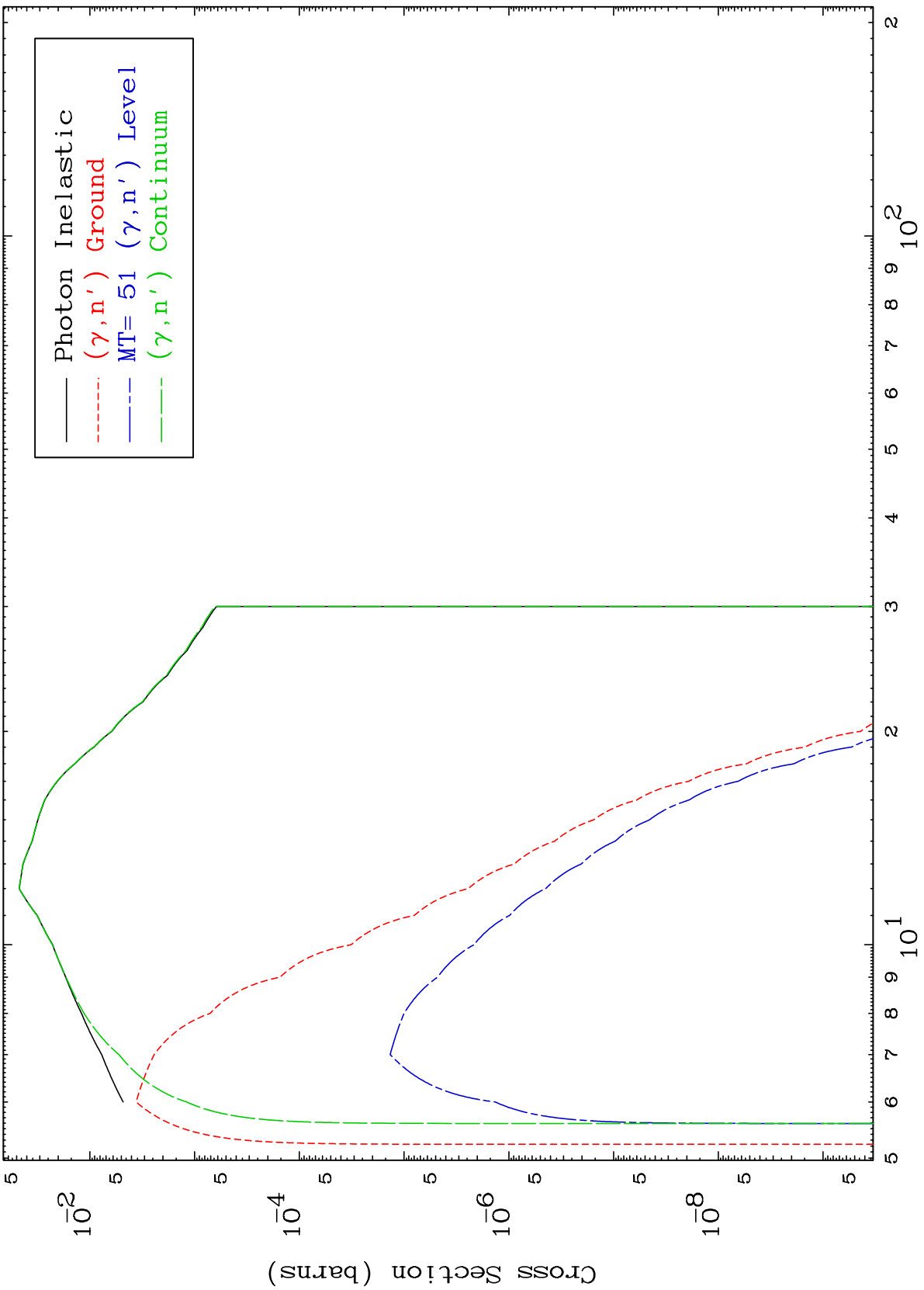
41-Nb-100

MAT 4147

(γ, n') Level

41-Nb-100

0 Kelvin Cross Sections



4

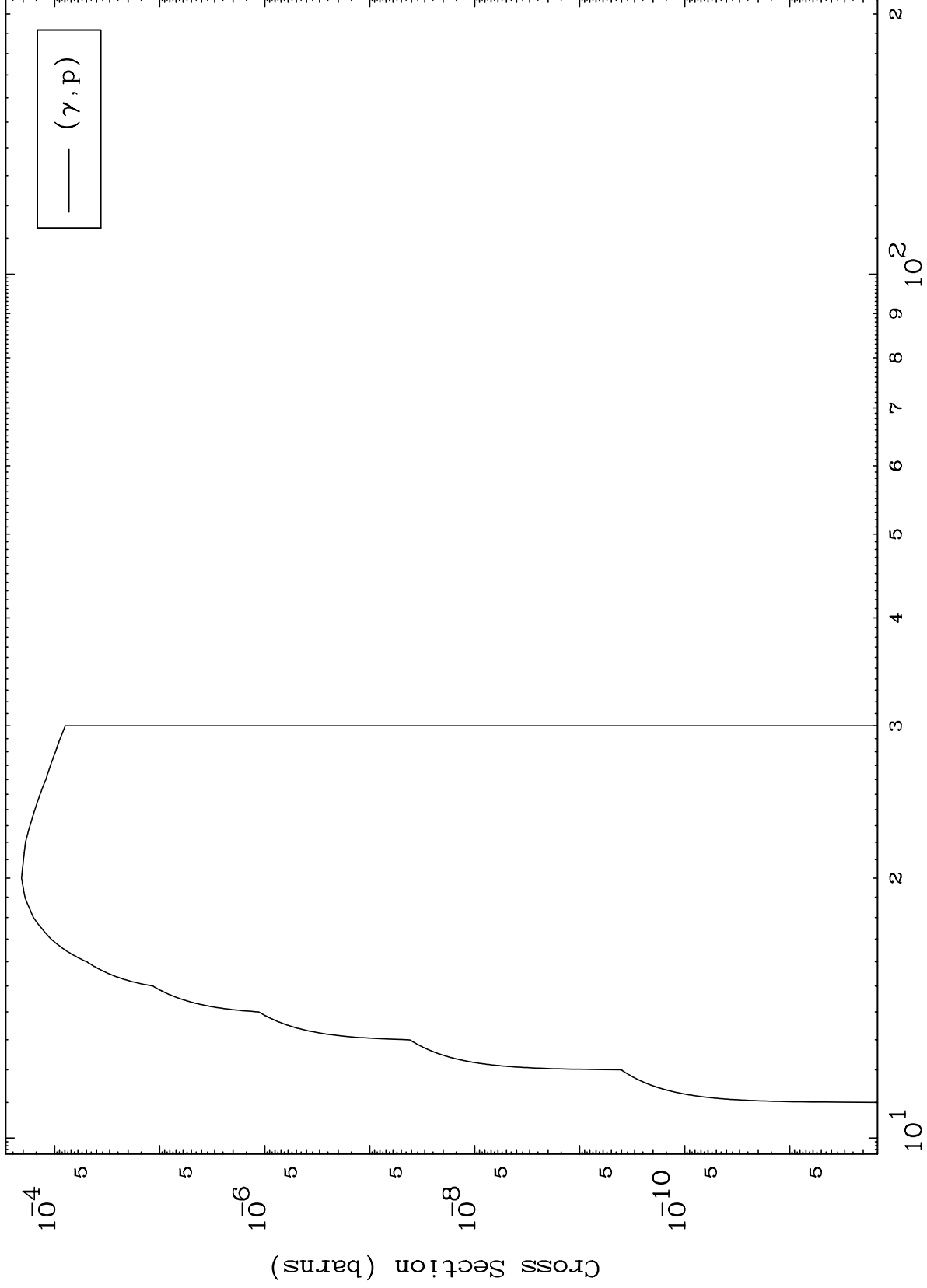
Incident Energy (MeV)

41-Nb-100

MAT 4147

(γ, p) Levels
0 Kelvin Cross Sections

41-Nb-100



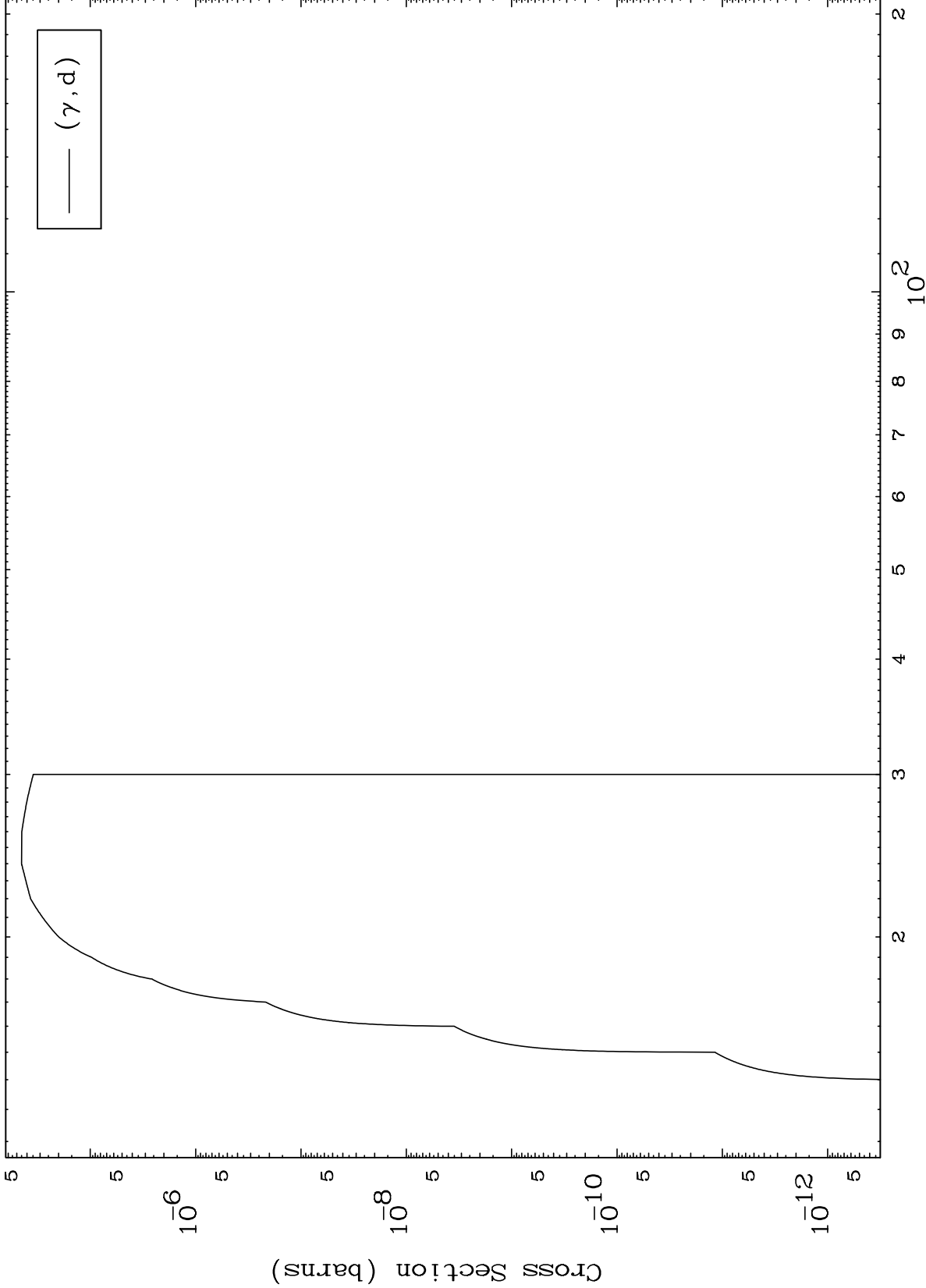
41-Nb-100

Incident Energy (MeV)

MAT 4147

(γ, d) Levels
0 Kelvin Cross Sections

41-Nb-100



6

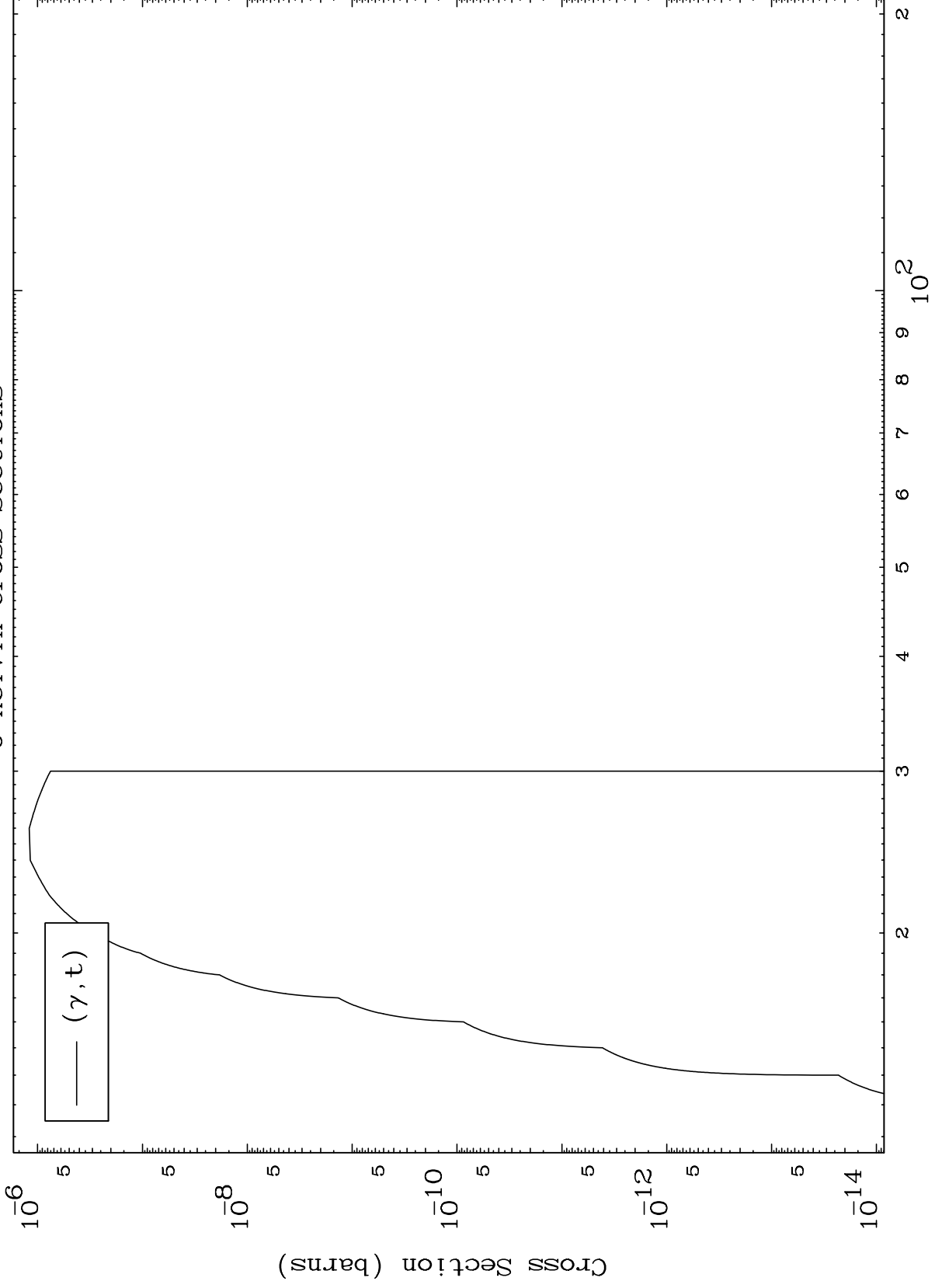
Incident Energy (MeV)

41-Nb-100

MAT 4147

(γ, t) Levels
0 Kelvin Cross Sections

41-Nb-100



7

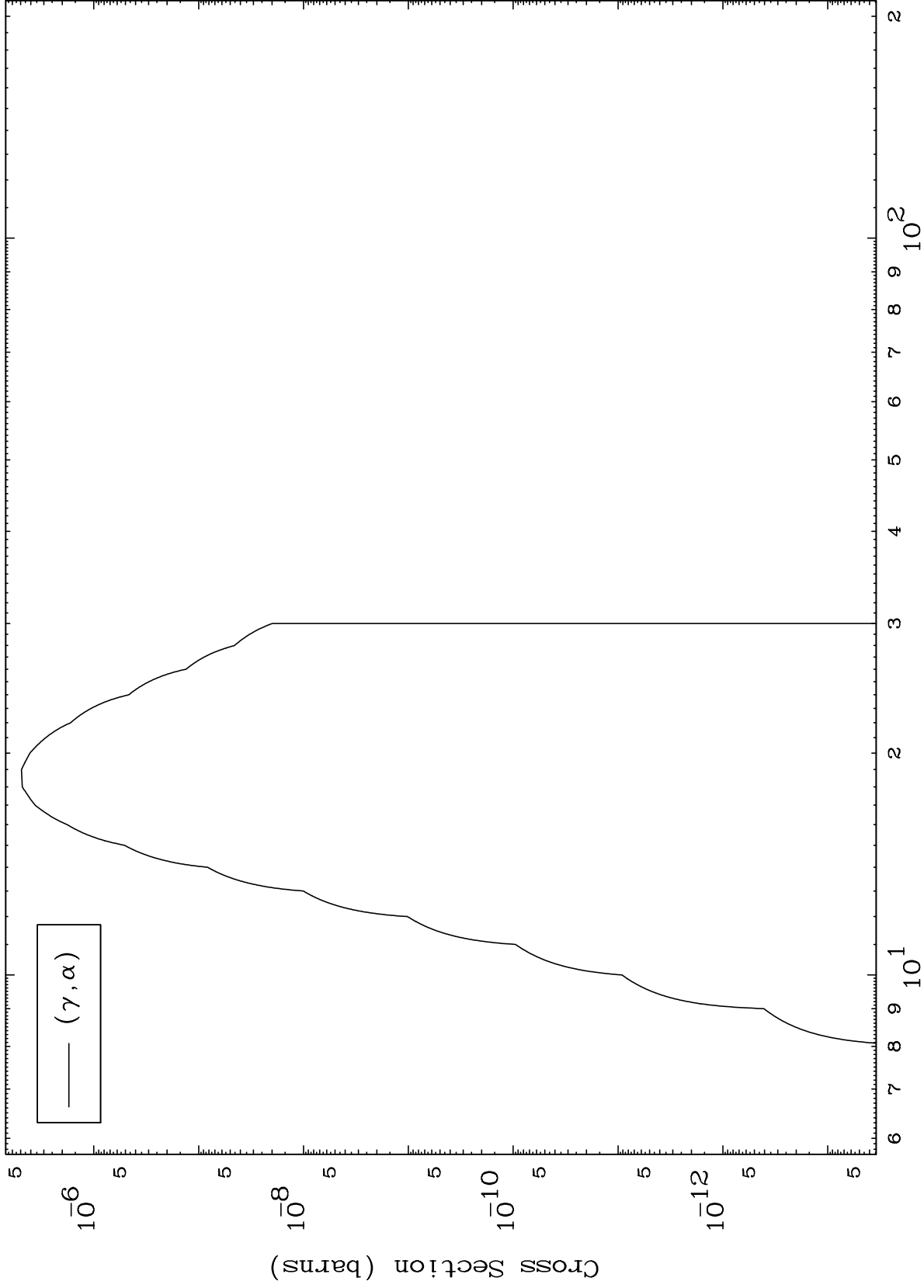
Incident Energy (MeV)

41-Nb-100

MAT 4147

(γ, α) Levels
0 Kelvin Cross Sections

41-Nb-100



8

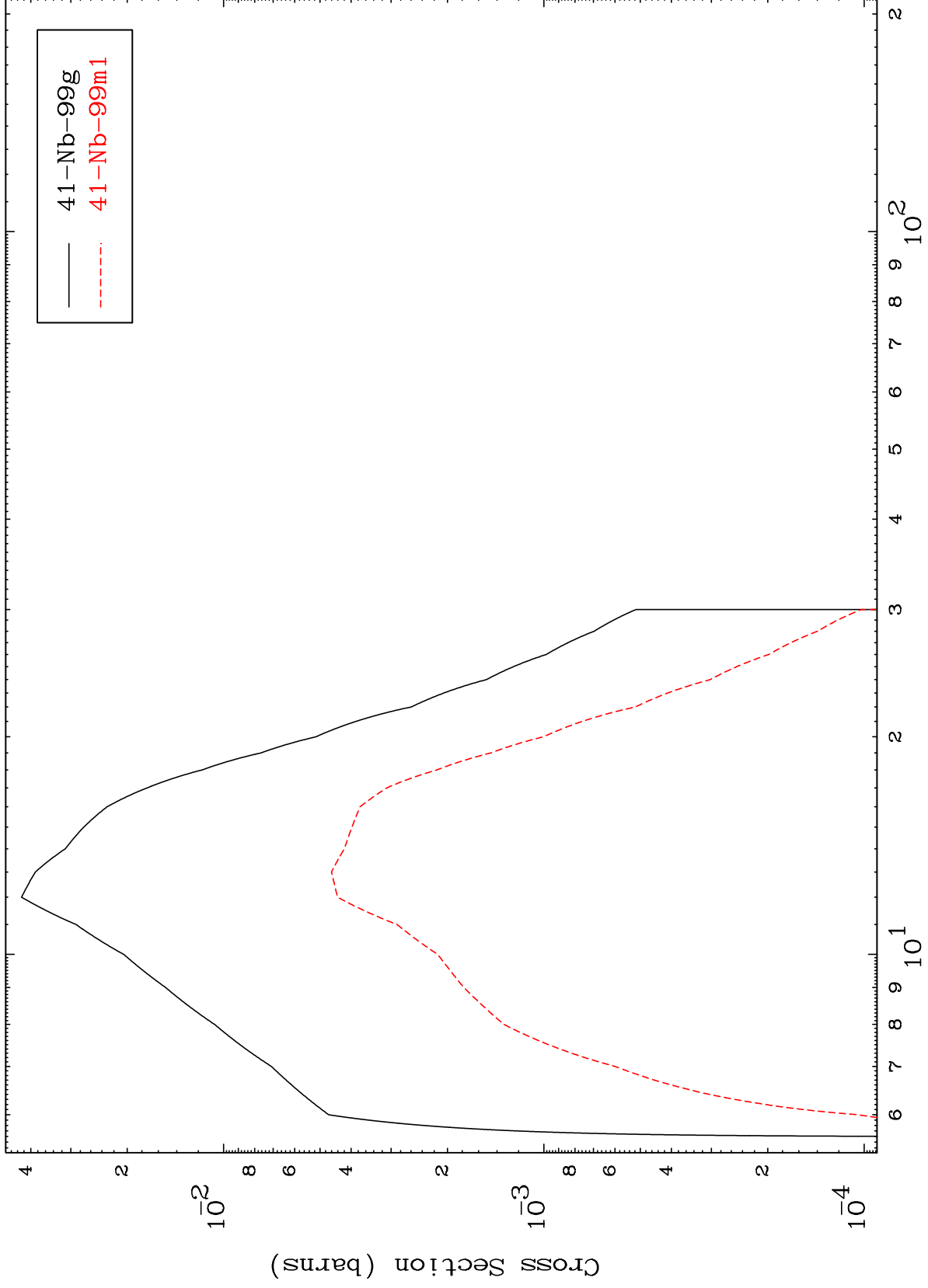
Incident Energy (MeV)

41-Nb-100

MAT 4147

Photon Inelastic
Radionuclide Production Cross Section

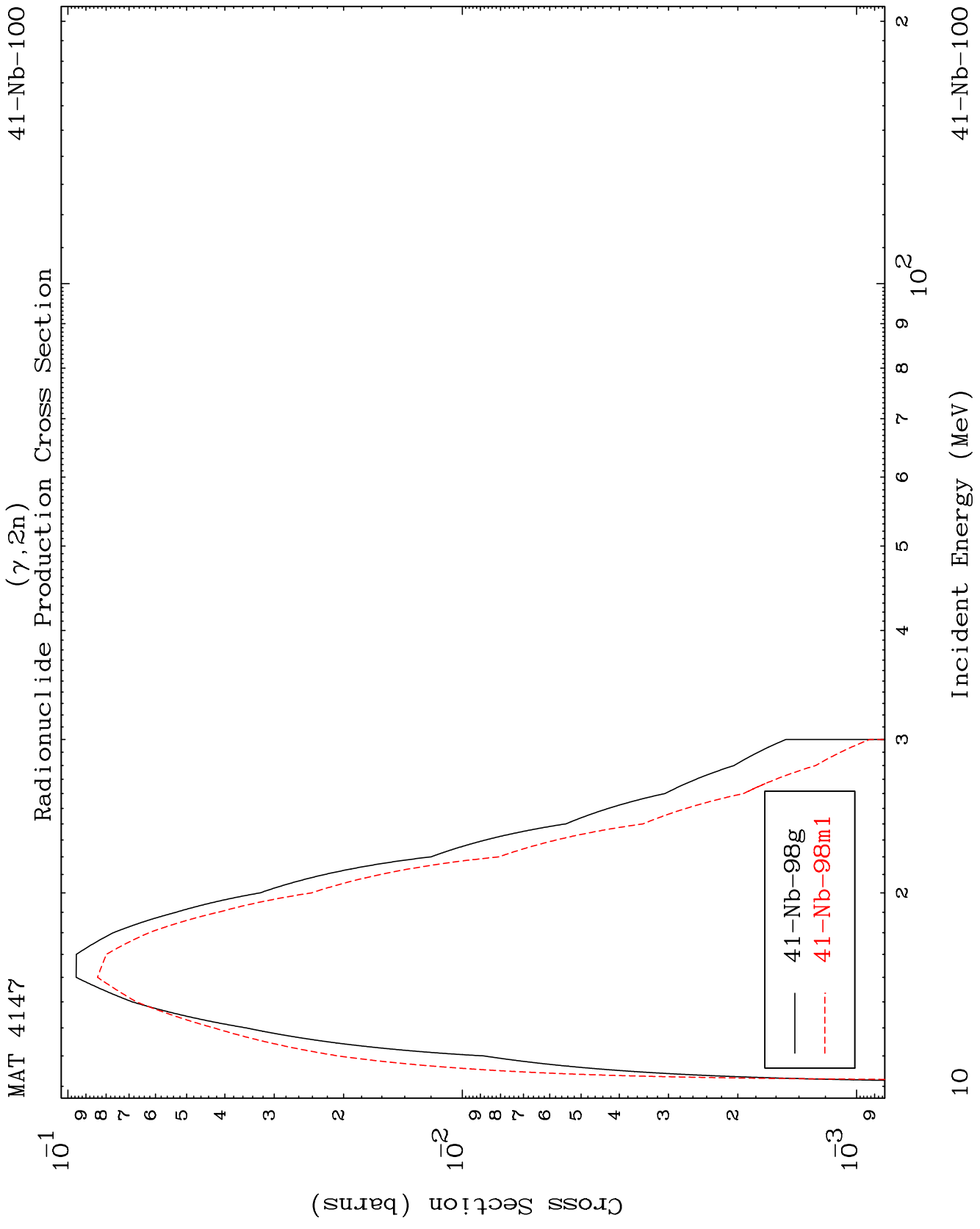
41-Nb-100



9

Incident Energy (MeV)

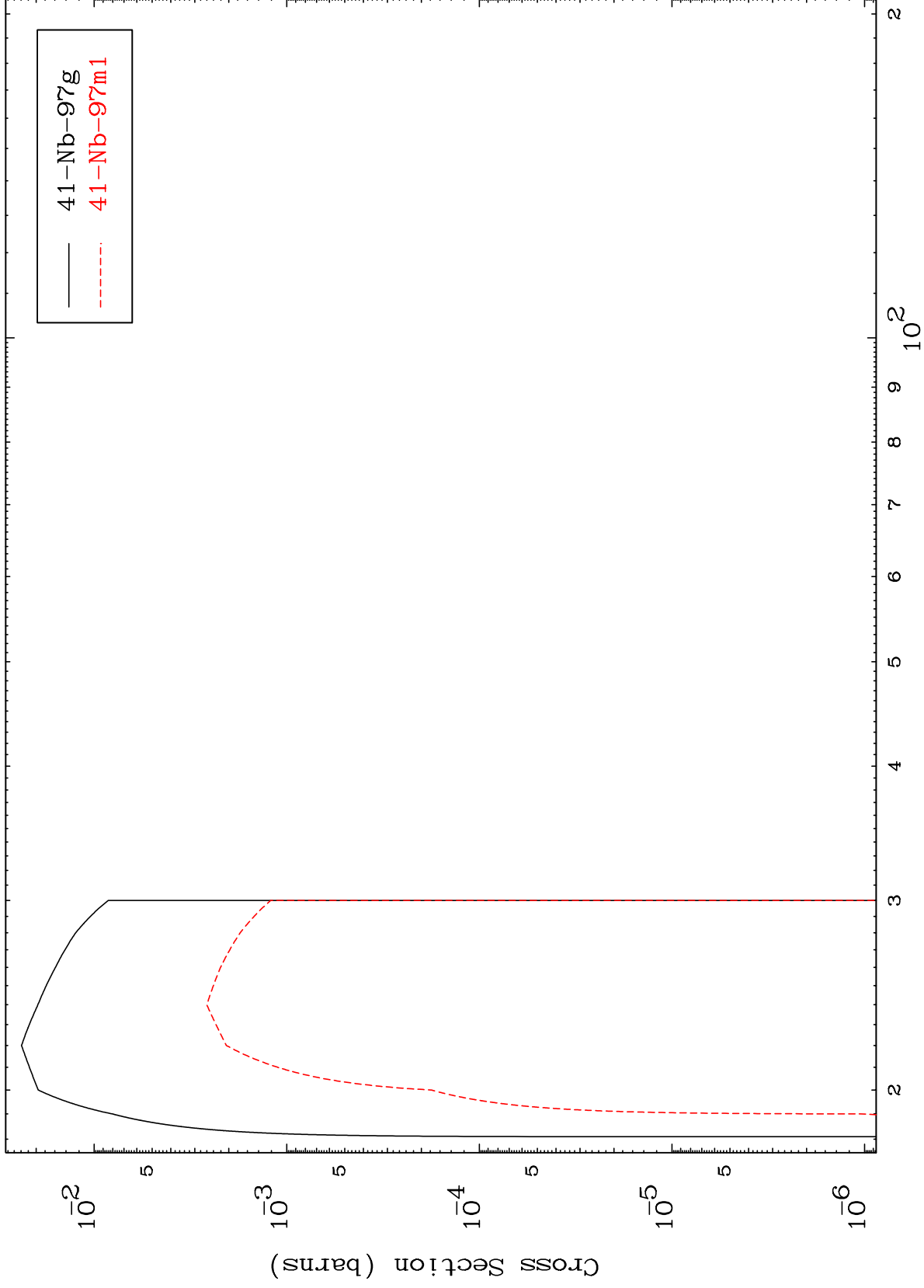
41-Nb-100



MAT 4147

41-Nb-100

($\gamma, 3n$)
Radionuclide Production Cross Section



11

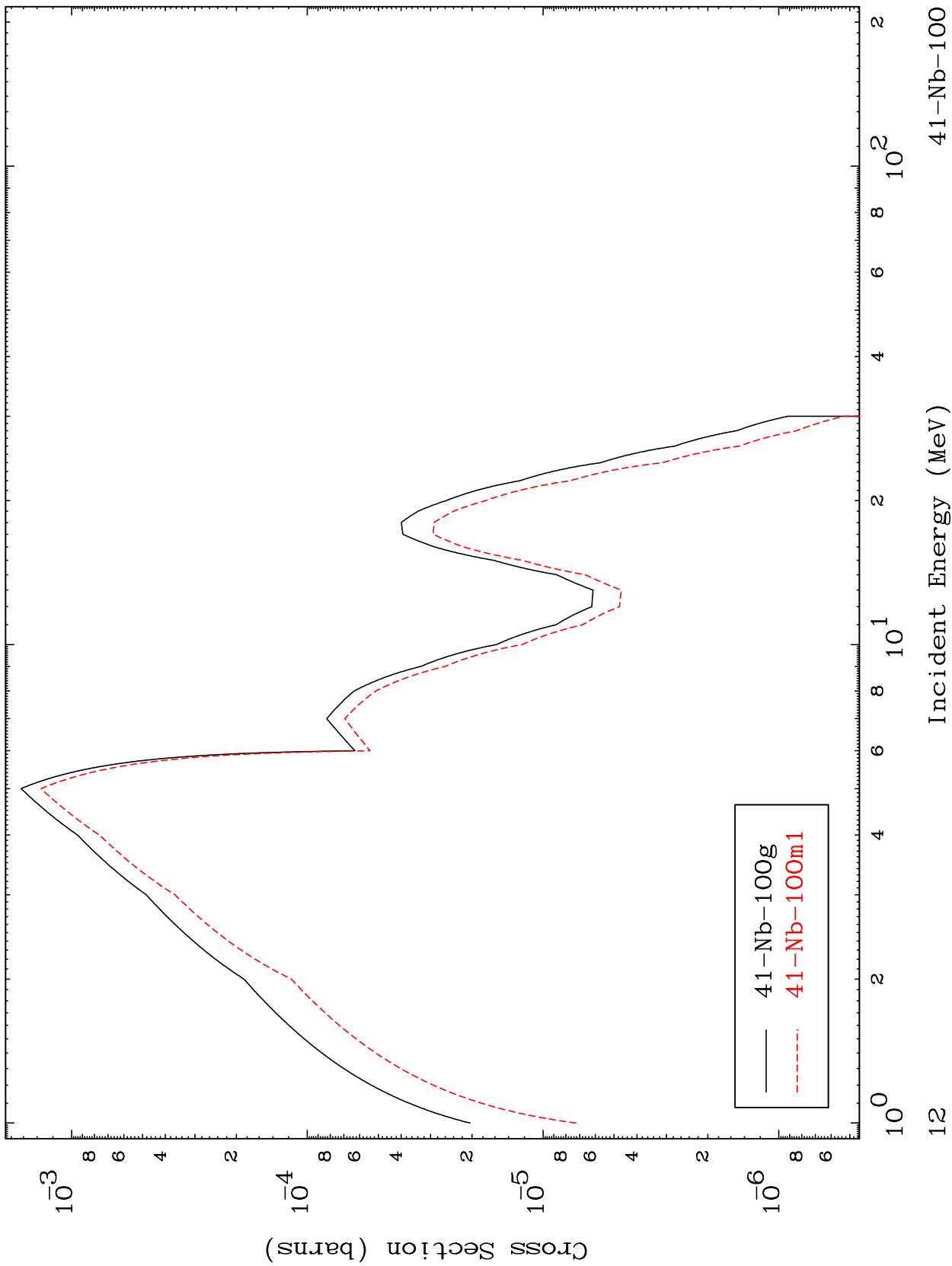
Incident Energy (MeV)

41-Nb-100

MAT 4147

41-Nb-100

(γ, γ)
Radionuclide Production Cross Section



41-Nb-100

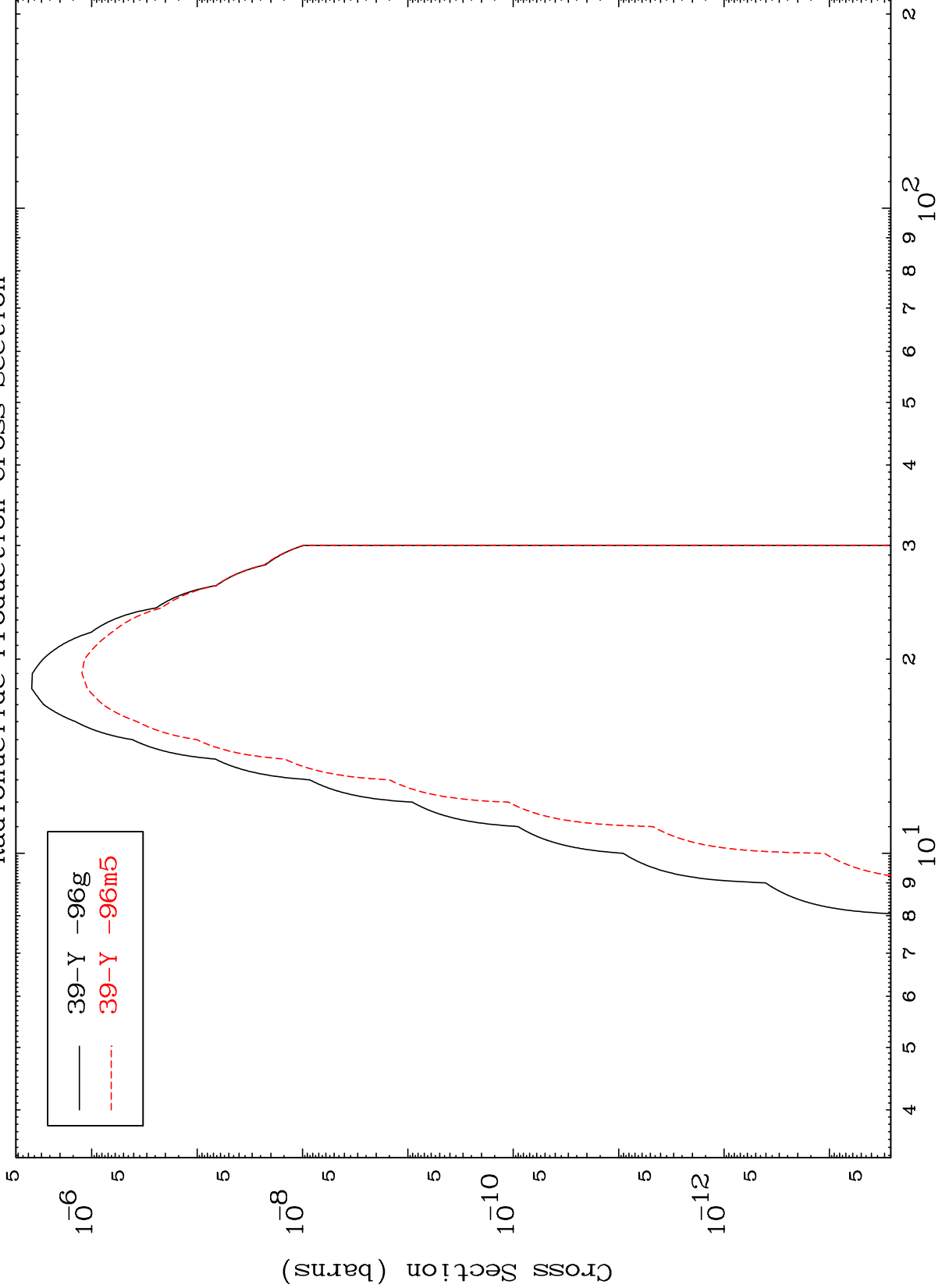
Incident Energy (MeV)

12

MAT 4147

41-Nb-100

Radionuclide Production Cross Section
(γ, α)



— 39-Y -96g
- - - 39-Y -96m5

13

Incident Energy (MeV)

41-Nb-100