

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

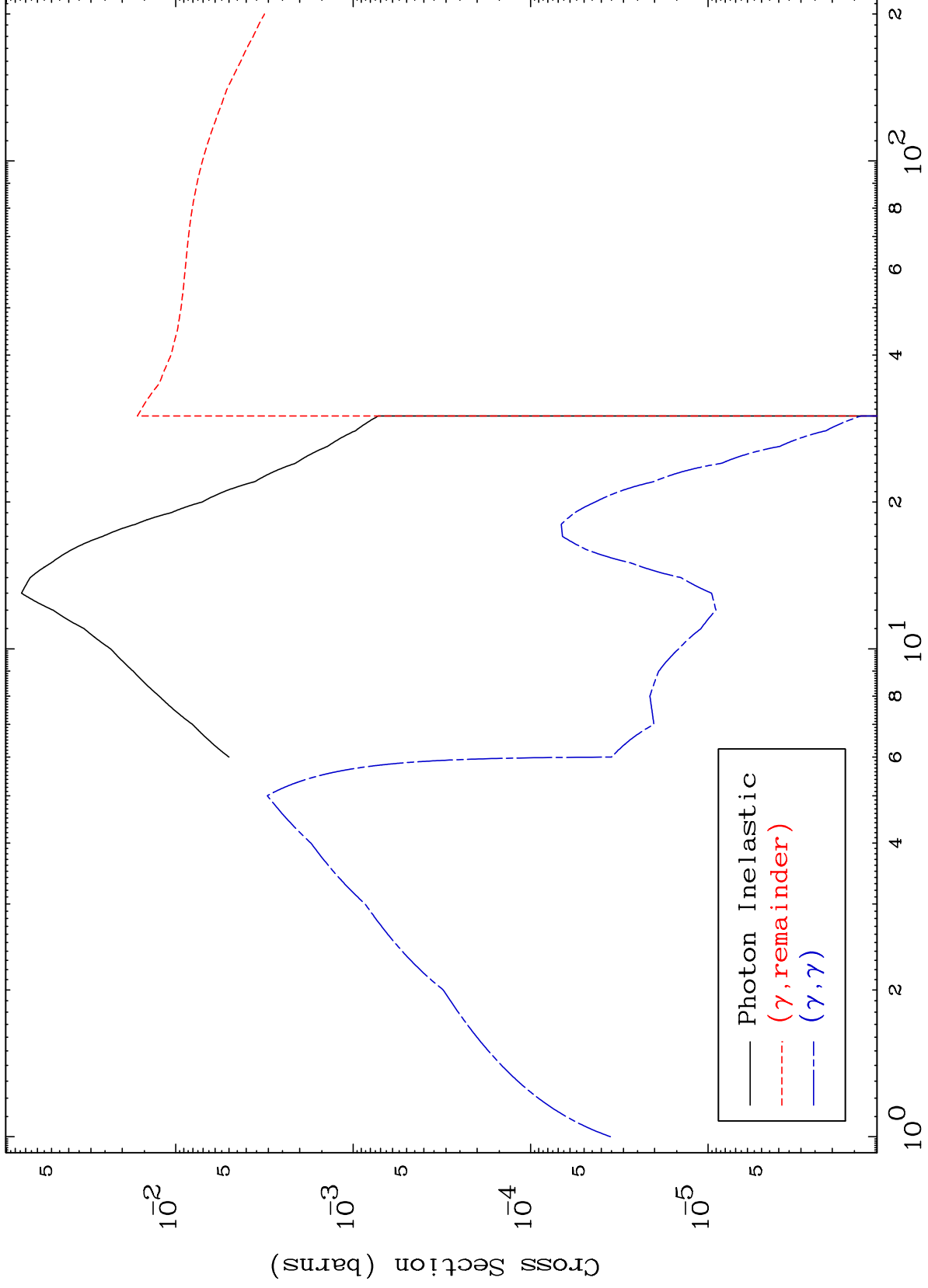
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4152

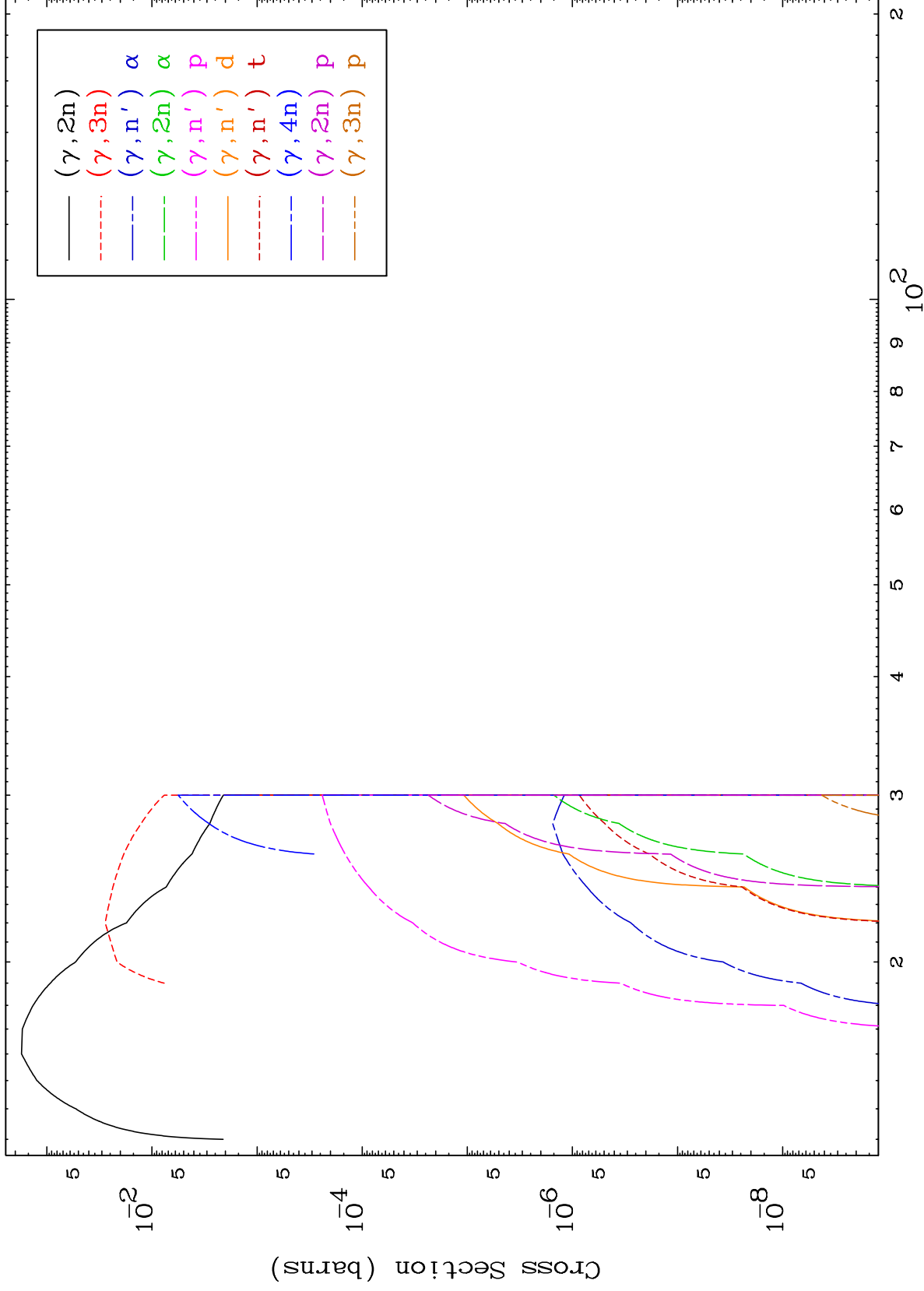
Photon Major
0 Kelvin Cross Sections

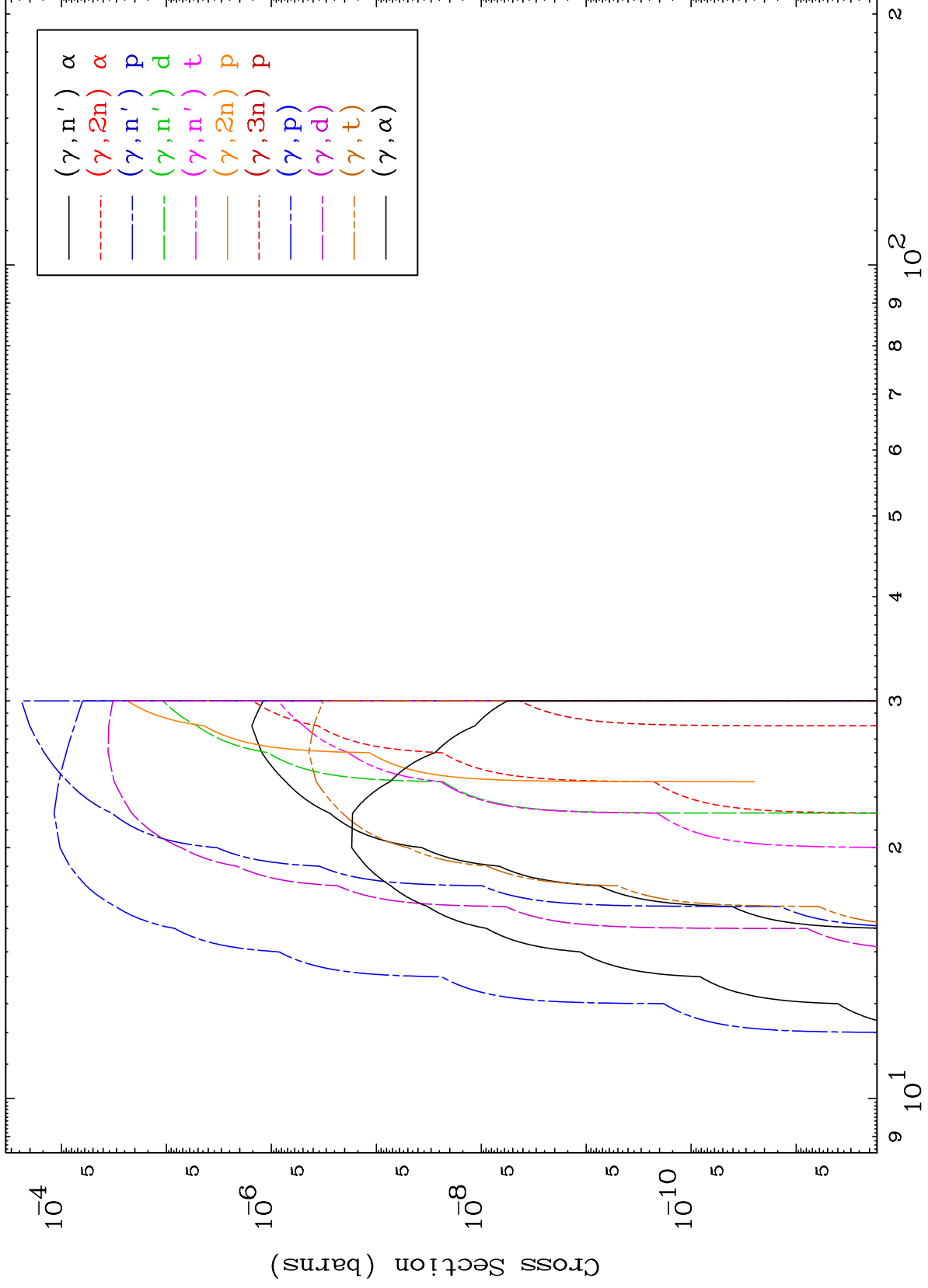
41-Nb-102



Incident Energy (MeV)

41-Nb-102



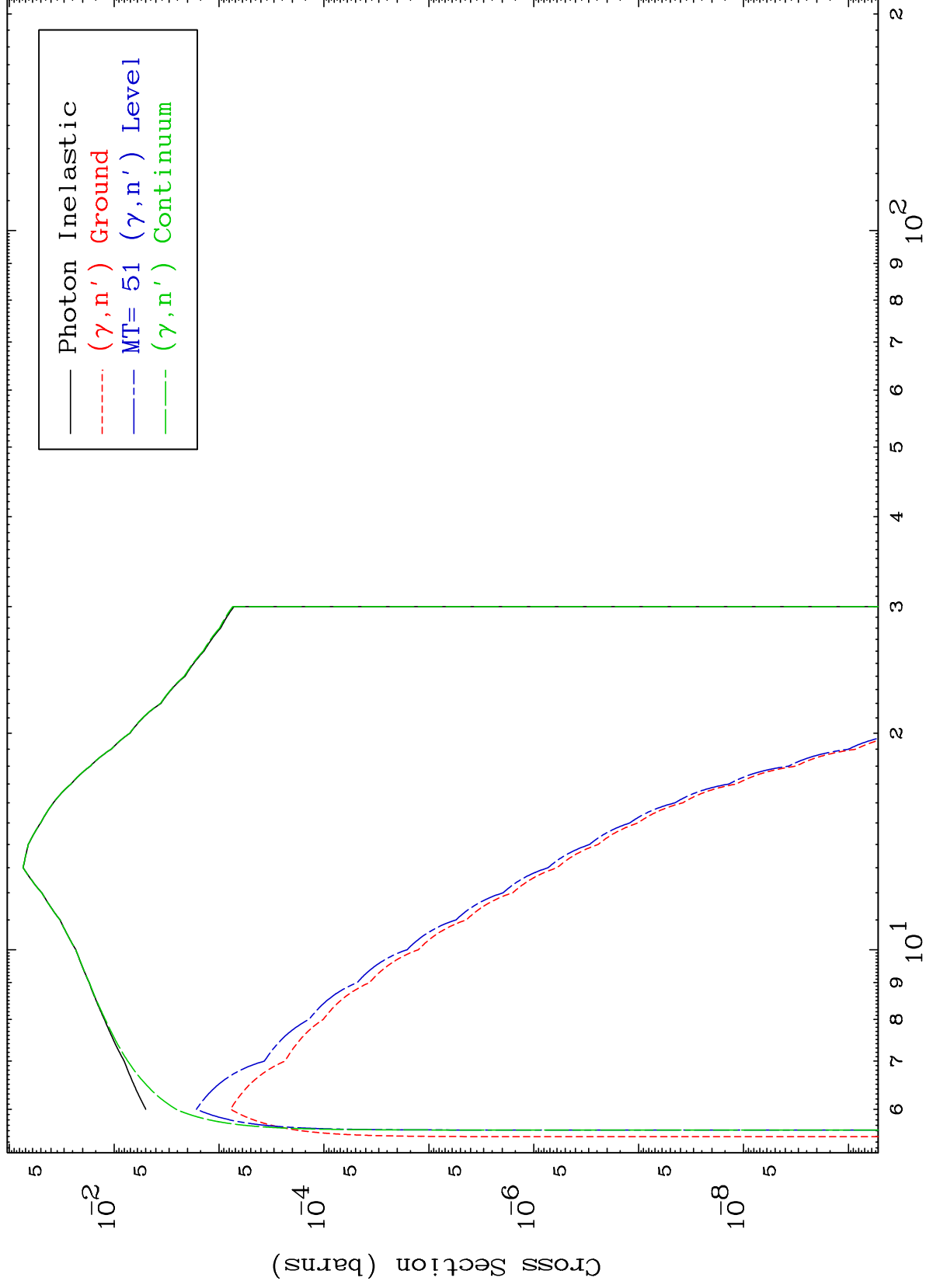


MAT 4152

(γ, n') Level

41-Nb-102

0 Kelvin Cross Sections



4

Incident Energy (MeV)

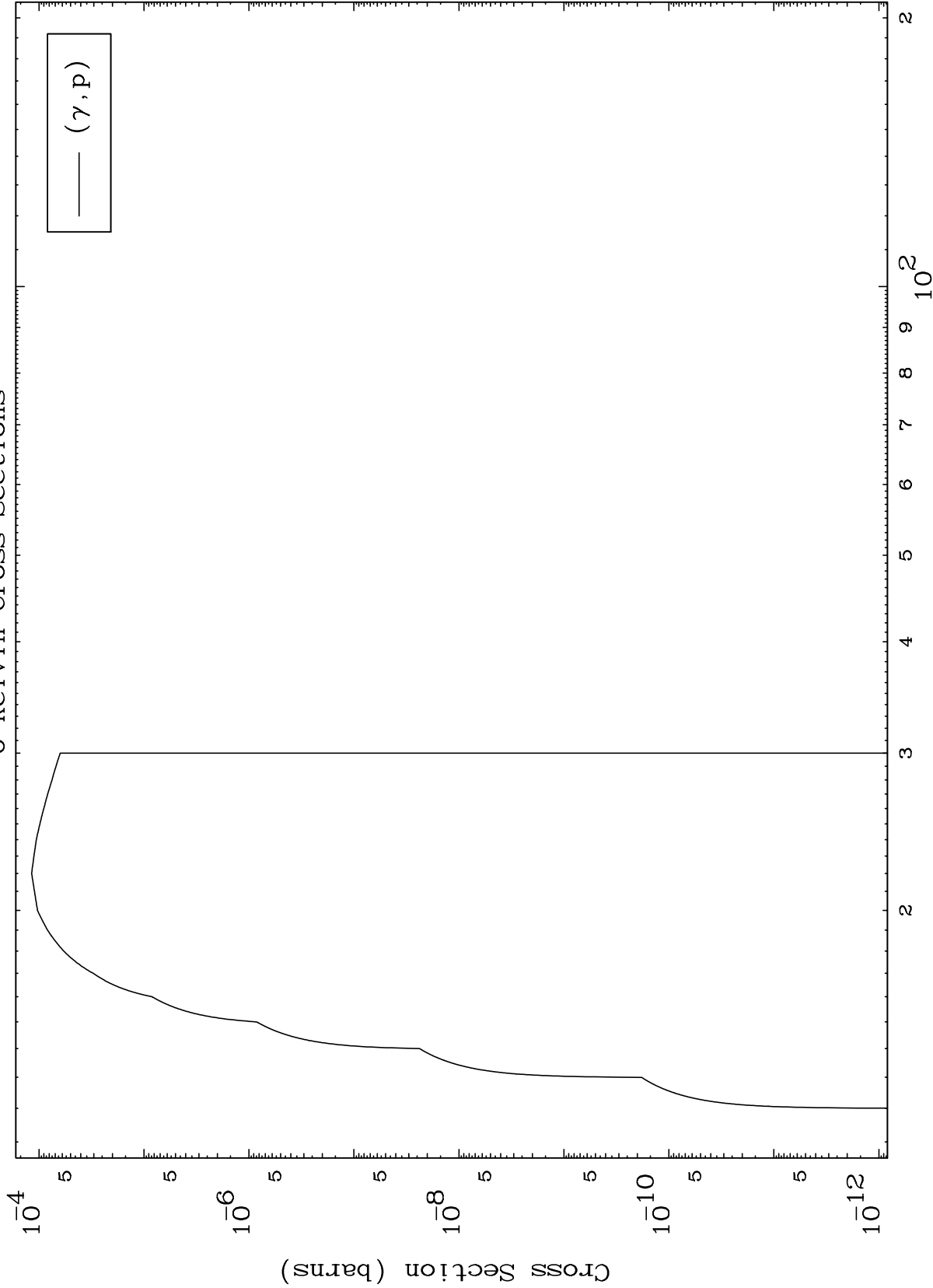
41-Nb-102

MAT 4152

(γ, p) Levels

41-Nb-102

0 Kelvin Cross Sections



Incident Energy (MeV)

41-Nb-102

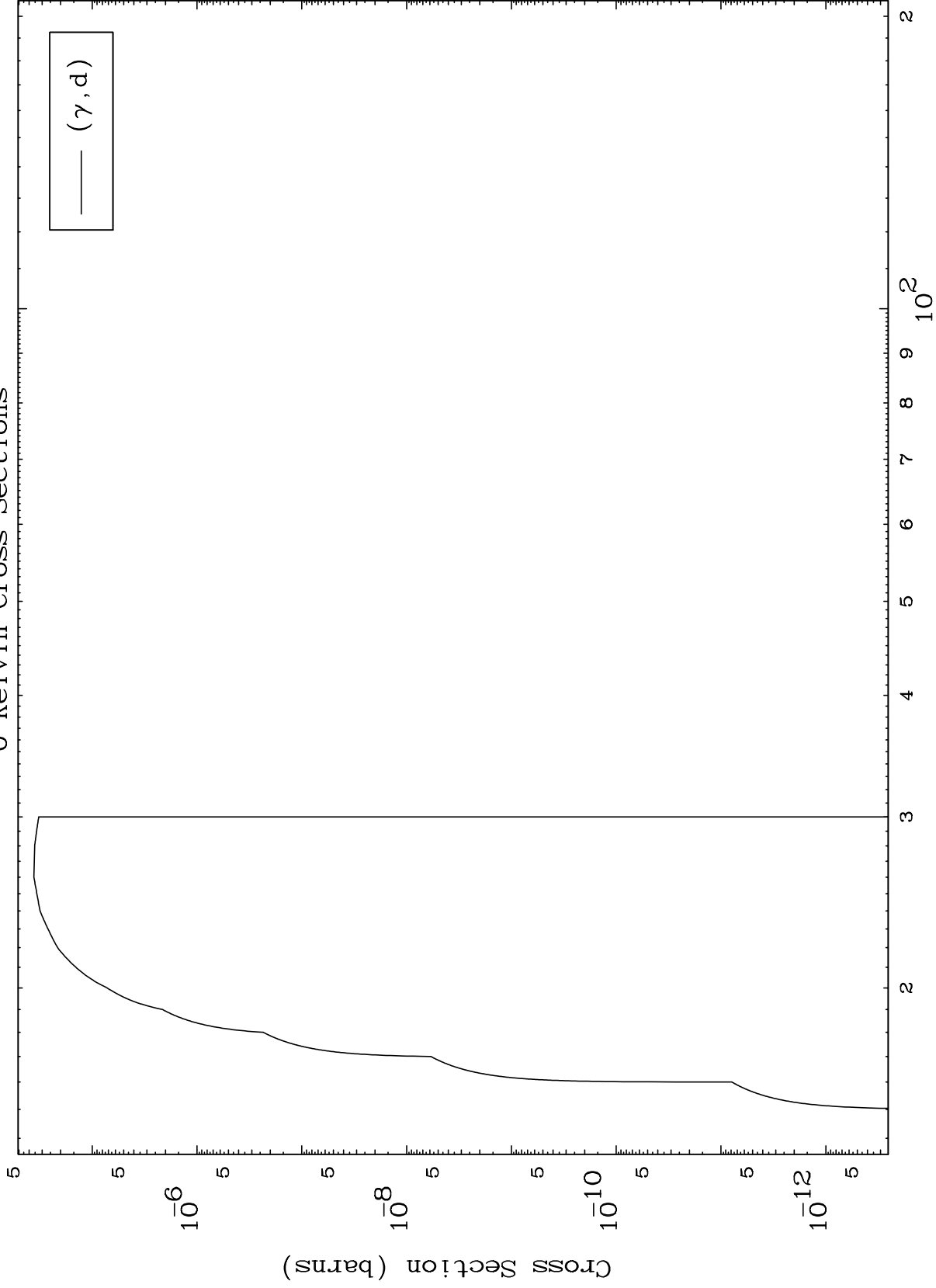
5

MAT 4152

(γ, d) Levels

41-Nb-102

0 Kelvin Cross Sections



Incident Energy (MeV)

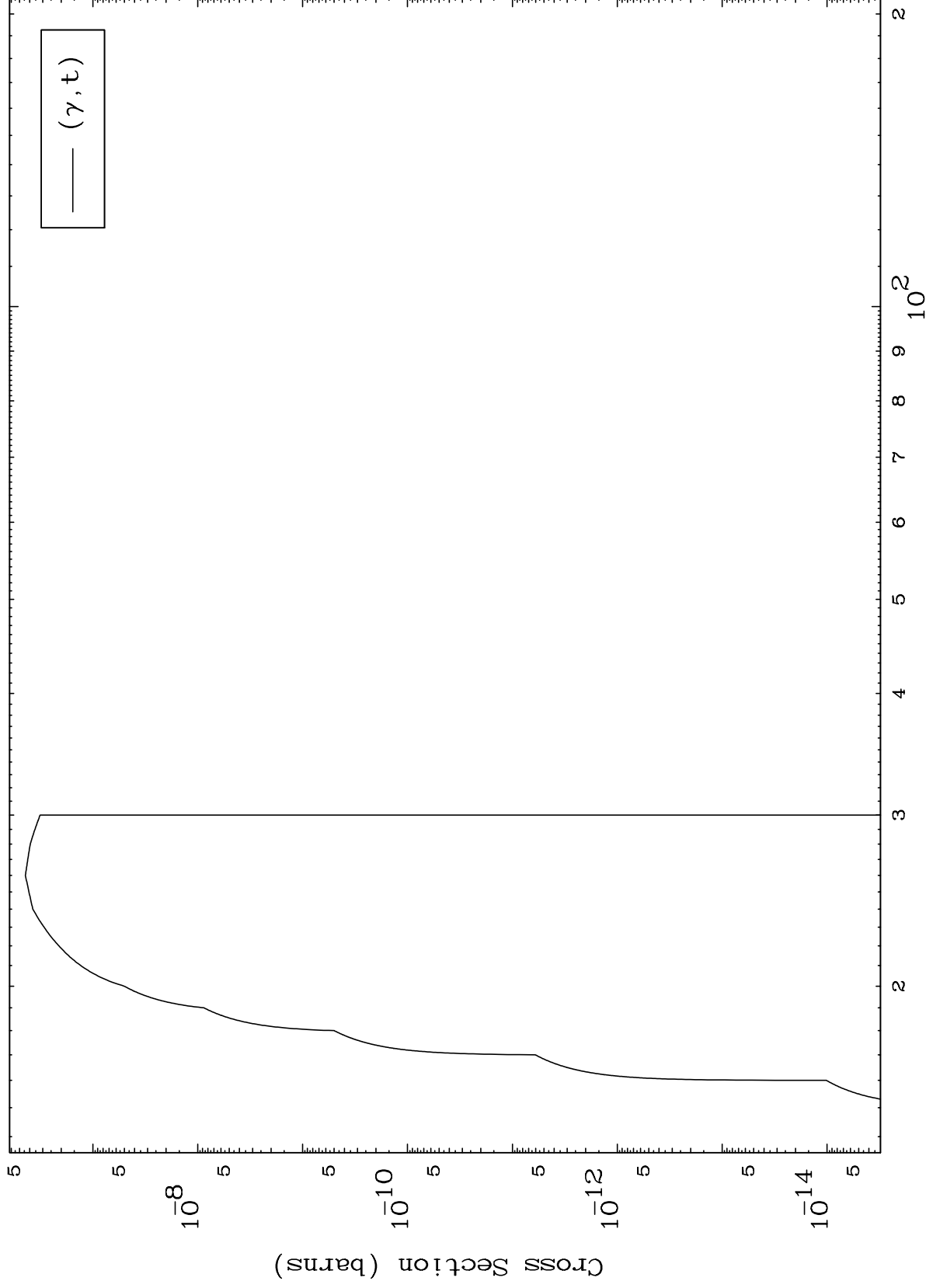
41-Nb-102

6

MAT 4152

(γ, t) Levels
0 Kelvin Cross Sections

41-Nb-102



7

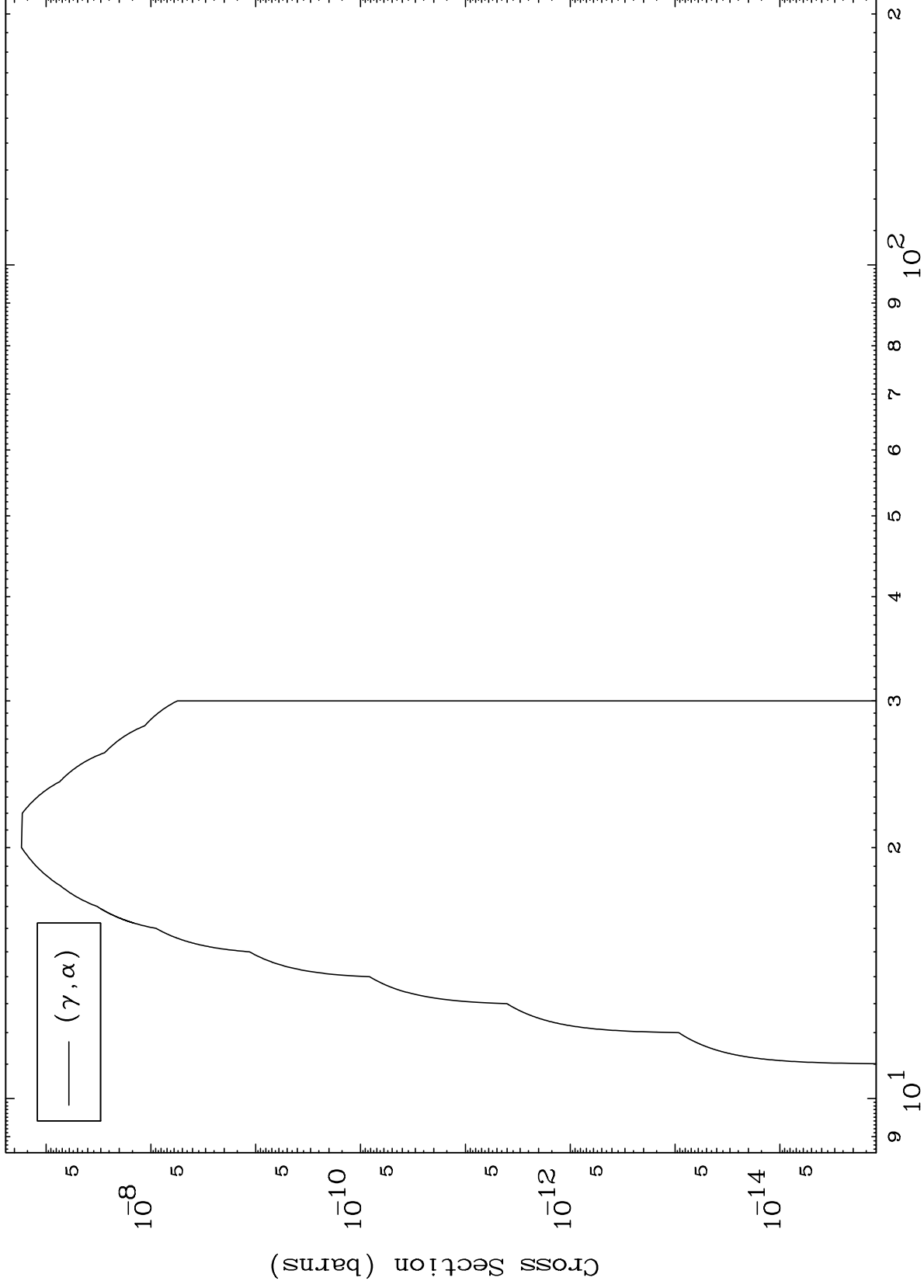
Incident Energy (MeV)

41-Nb-102

MAT 4152

(γ, α) Levels
0 Kelvin Cross Sections

41-Nb-102



Incident Energy (MeV)

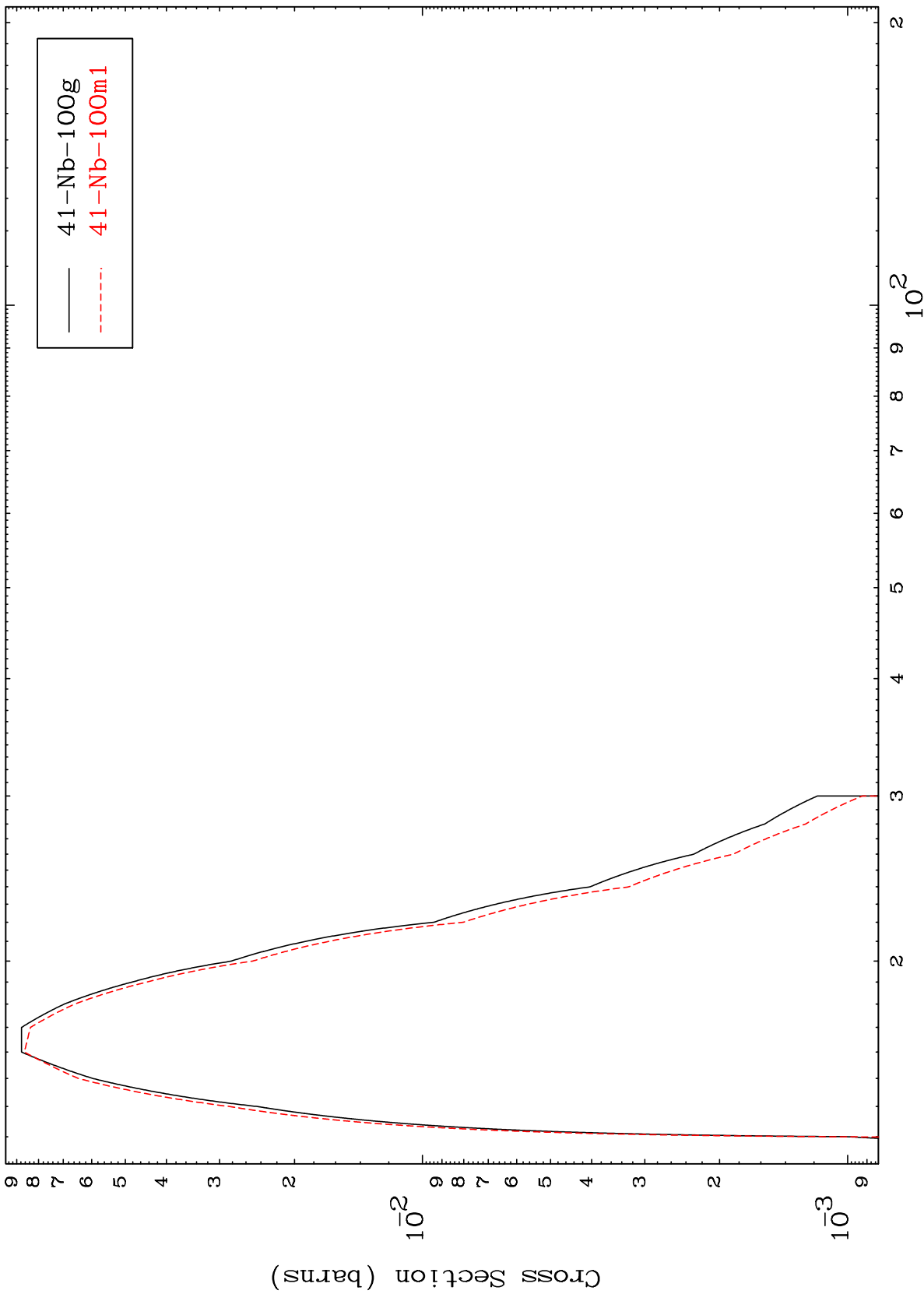
41-Nb-102

8

MAT 4152

41-Nb-102

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



41-Nb-102

Incident Energy (MeV)

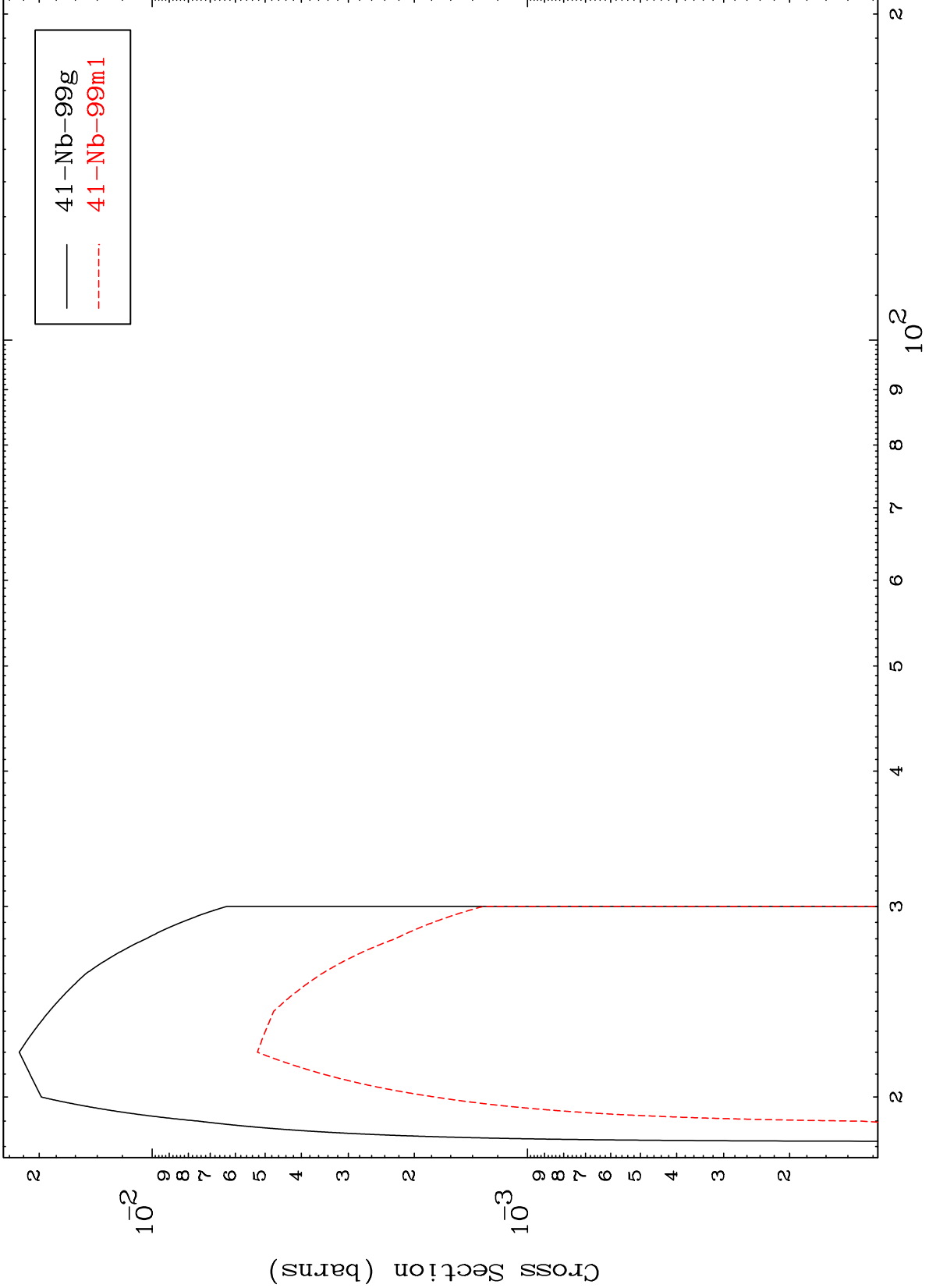
9

MAT 4152

($\gamma, 3n$)

41-Nb-102

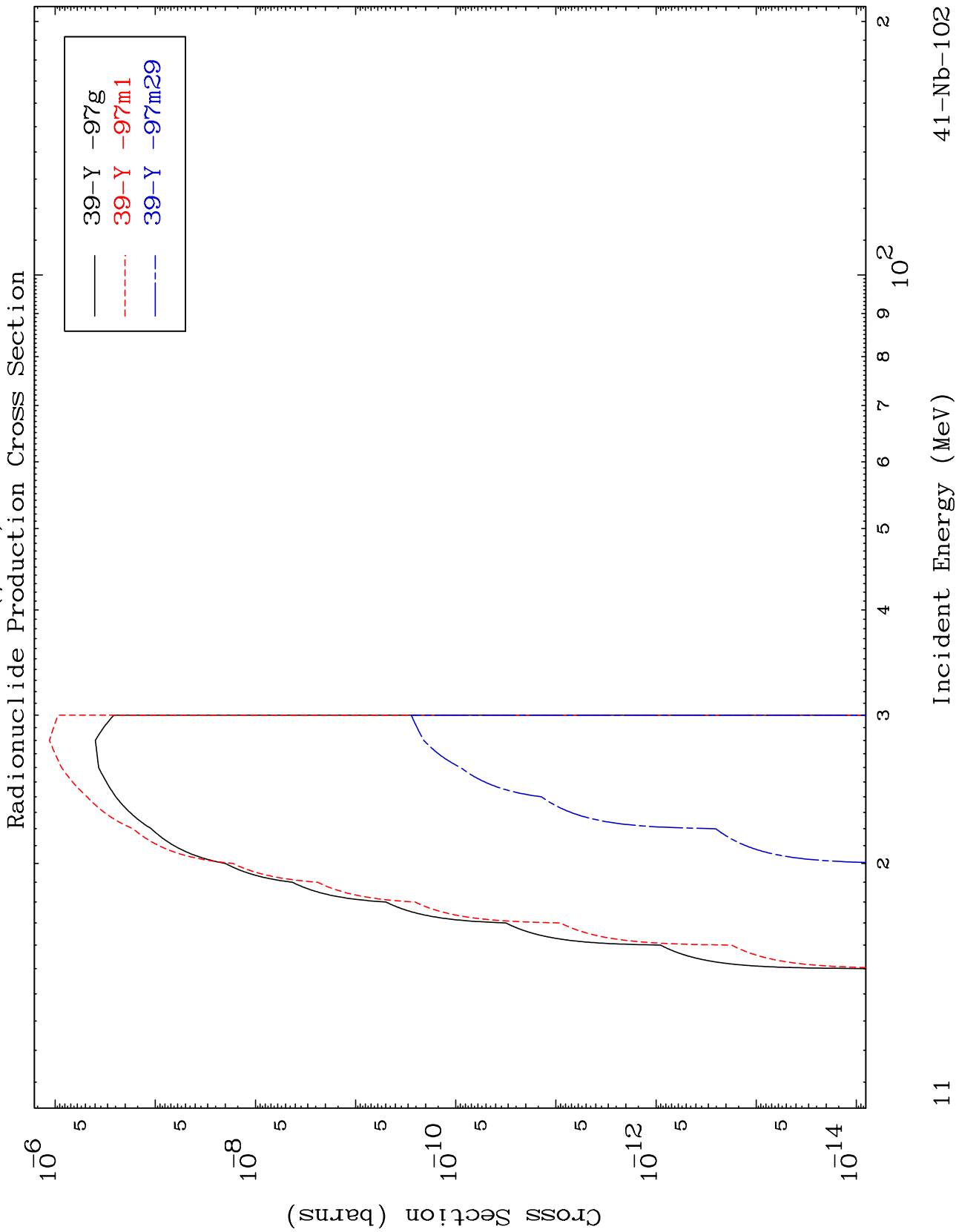
Radionuclide Production Cross Section



10

Incident Energy (MeV)

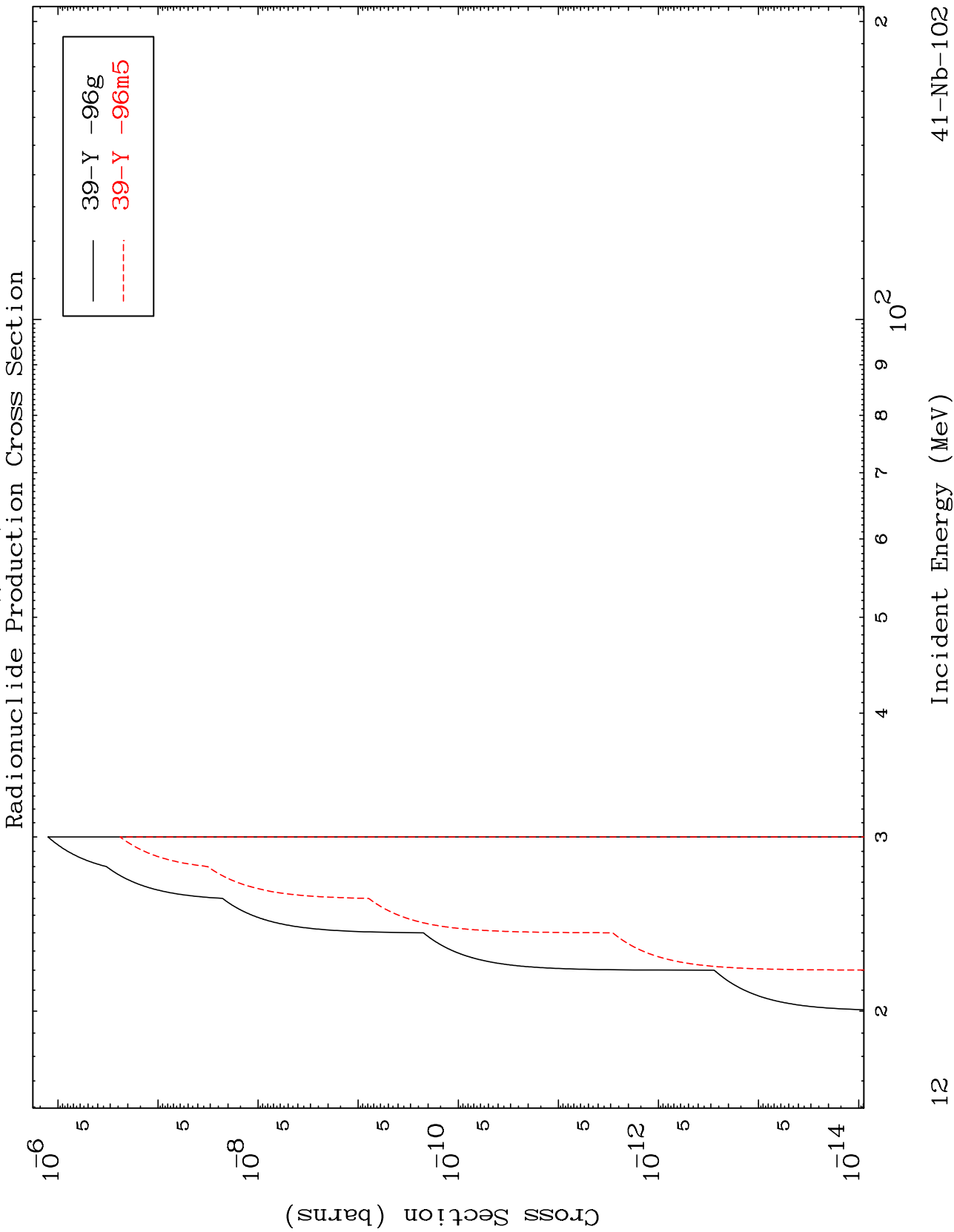
41-Nb-102



MAT 4152

$(\gamma, 2n) \alpha$

41-Nb-102



12

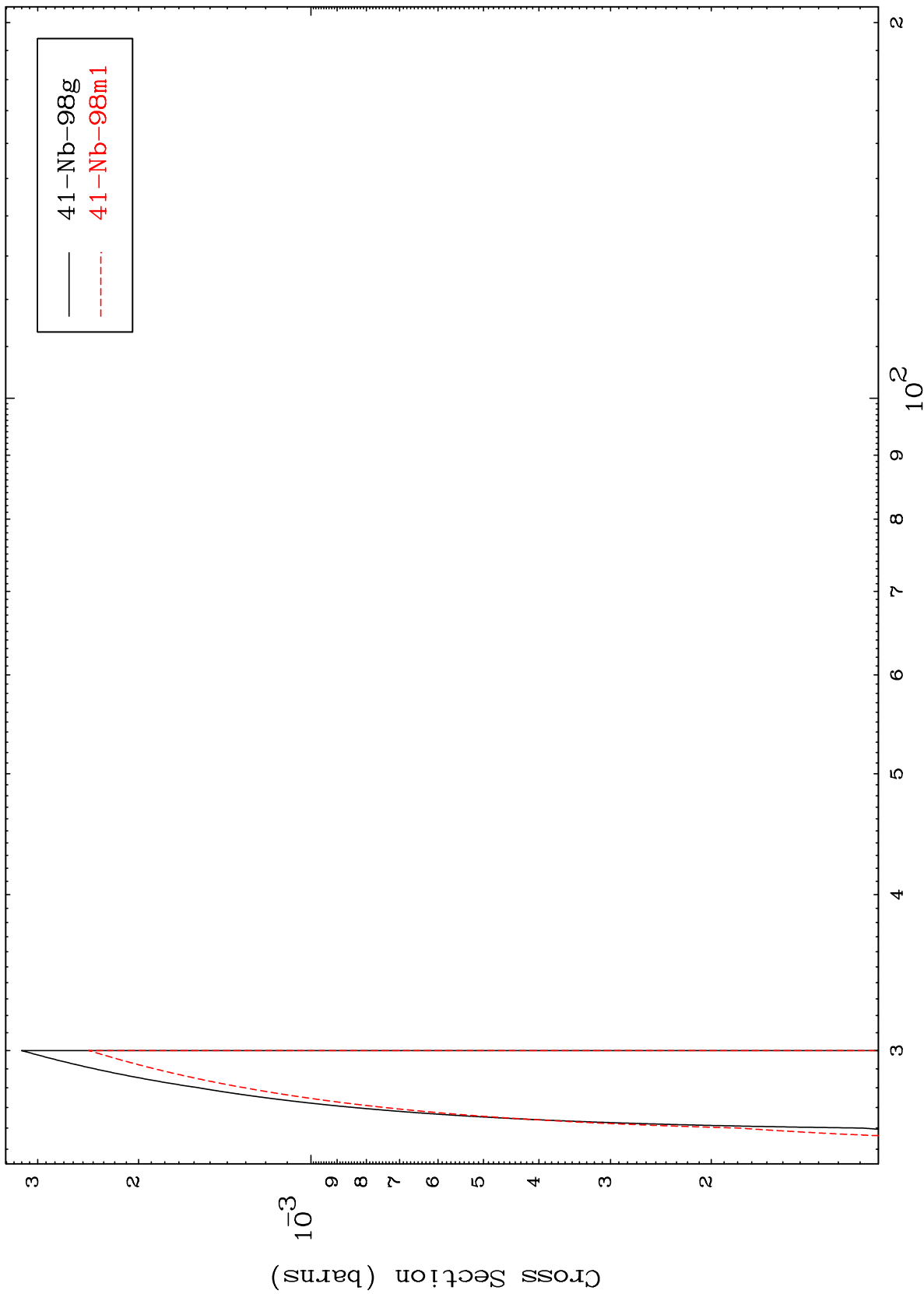
Incident Energy (MeV)

41-Nb-102

MAT 4152

41-Nb-102

($\gamma, 4n$)
Radionuclide Production Cross Section



41-Nb-98g
41-Nb-98m1

13

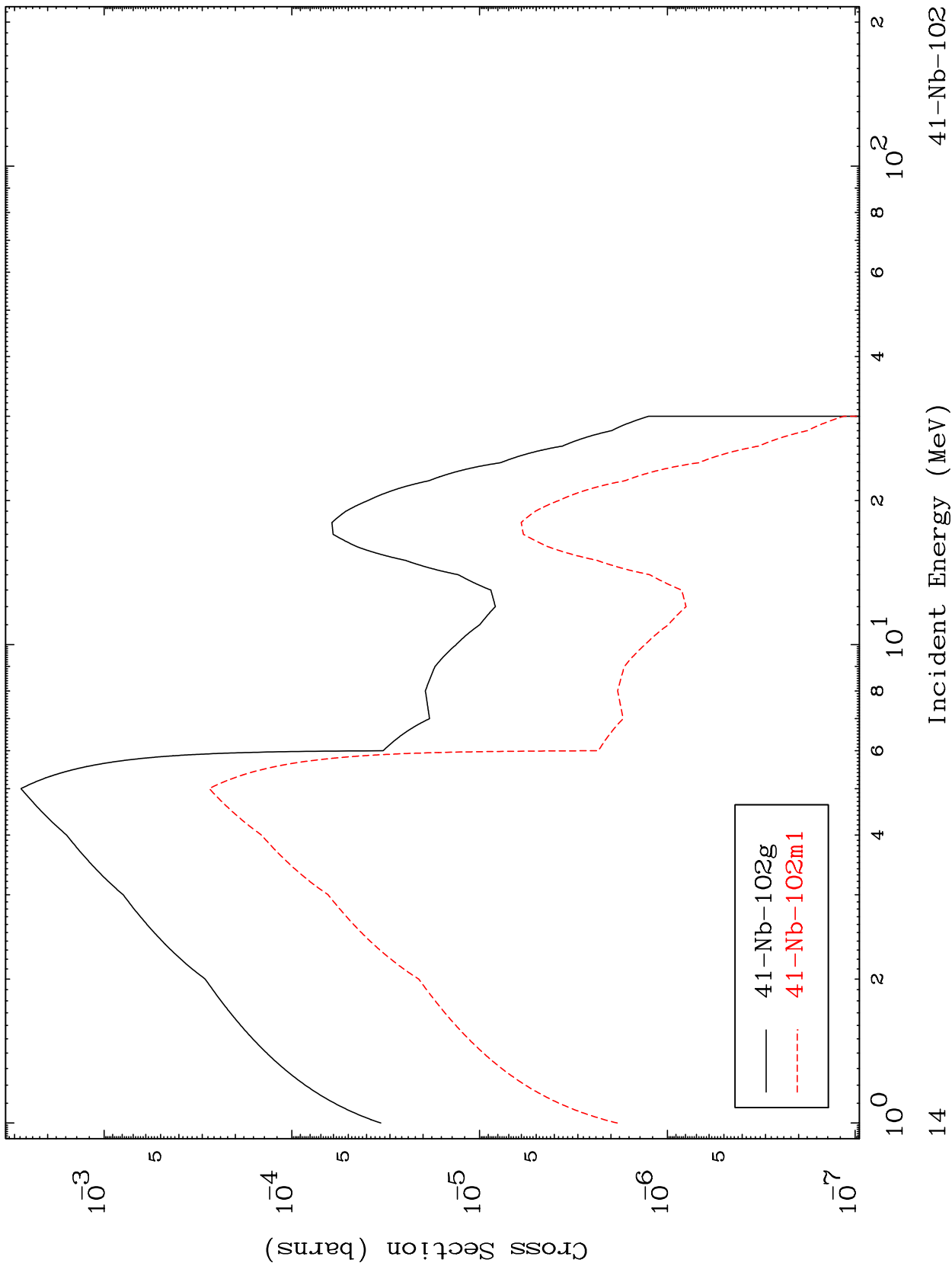
41-Nb-102

Incident Energy (MeV)

MAT 4152

41-Nb-102

Radionuclide Production Cross Section
(γ, γ)



41-Nb-102

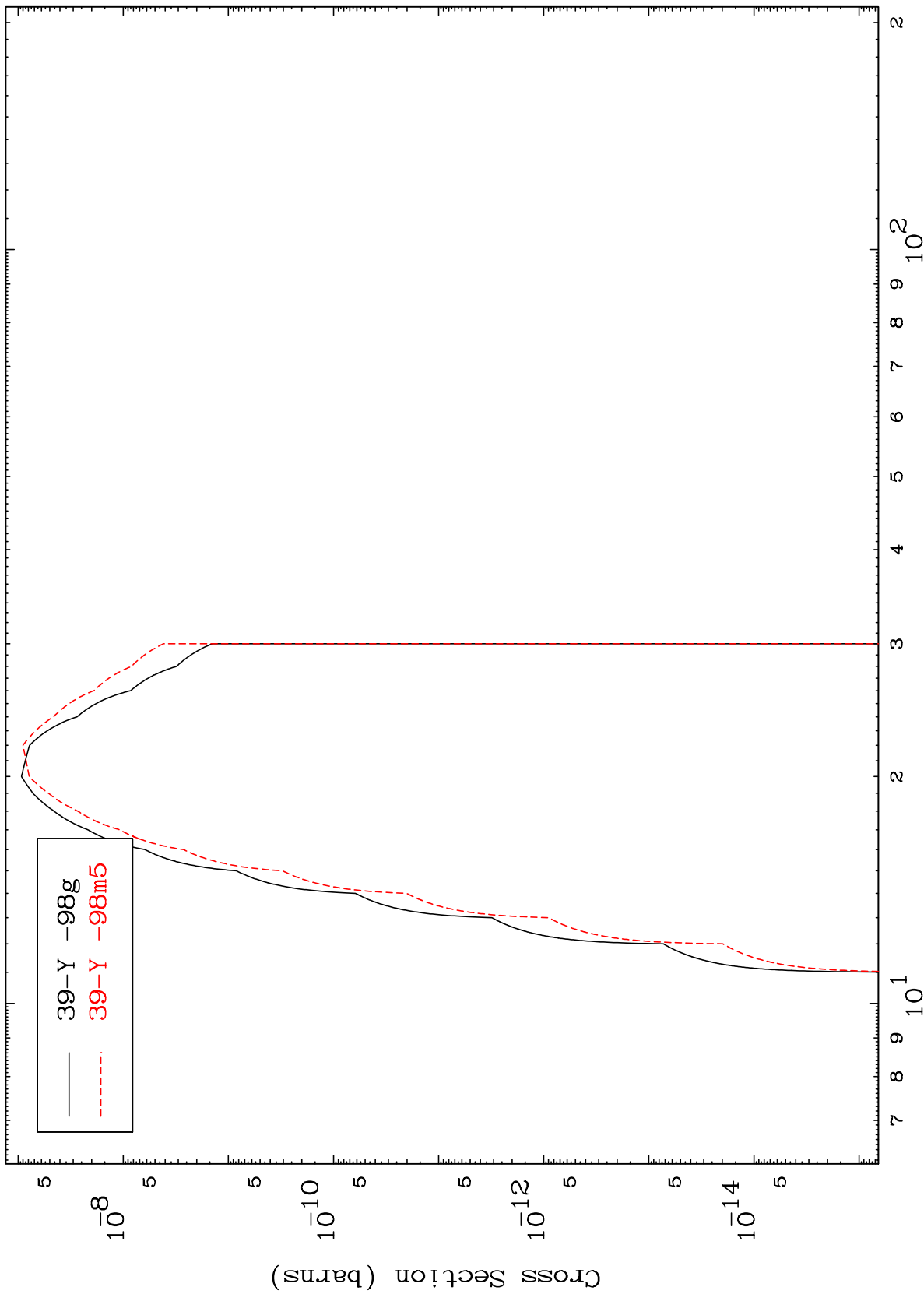
Incident Energy (MeV)

14

MAT 4152

41-Nb-102

Radionuclide Production Cross Section
(γ, α)



15

Incident Energy (MeV)

41-Nb-102