

Program EVALPLOT
(Version 2021-1)

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

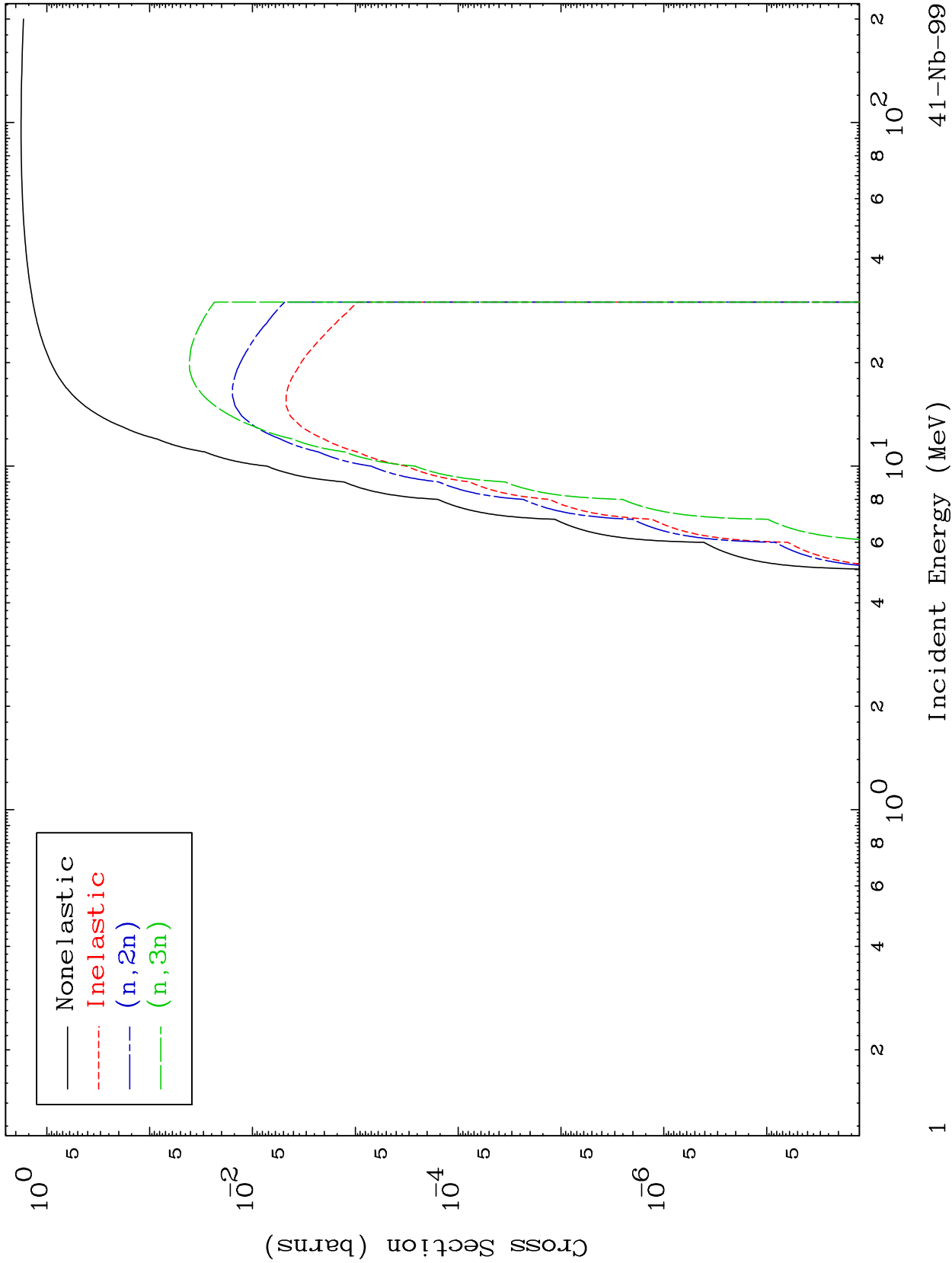
Press Mouse Button to Start

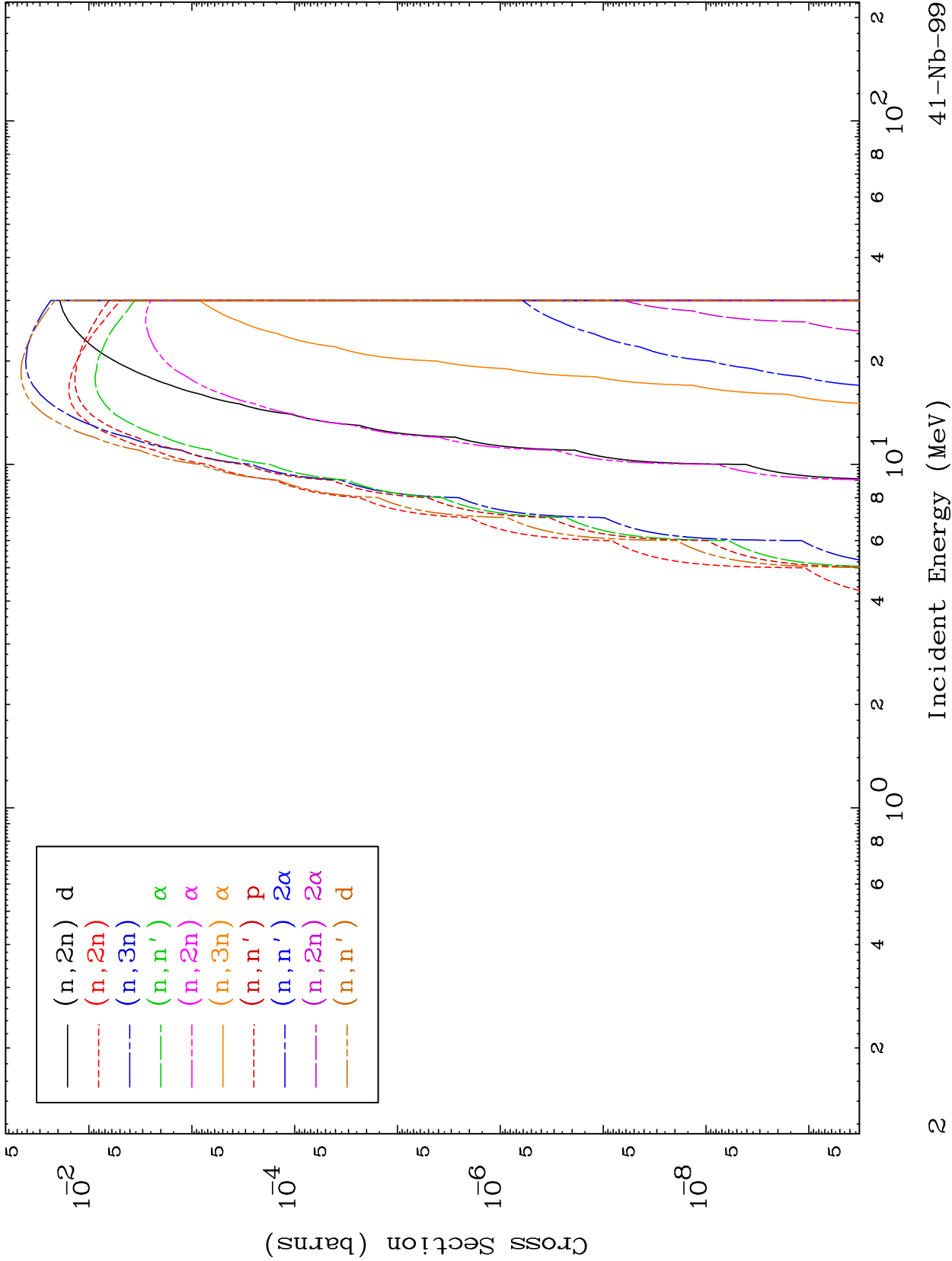
MAT 4143

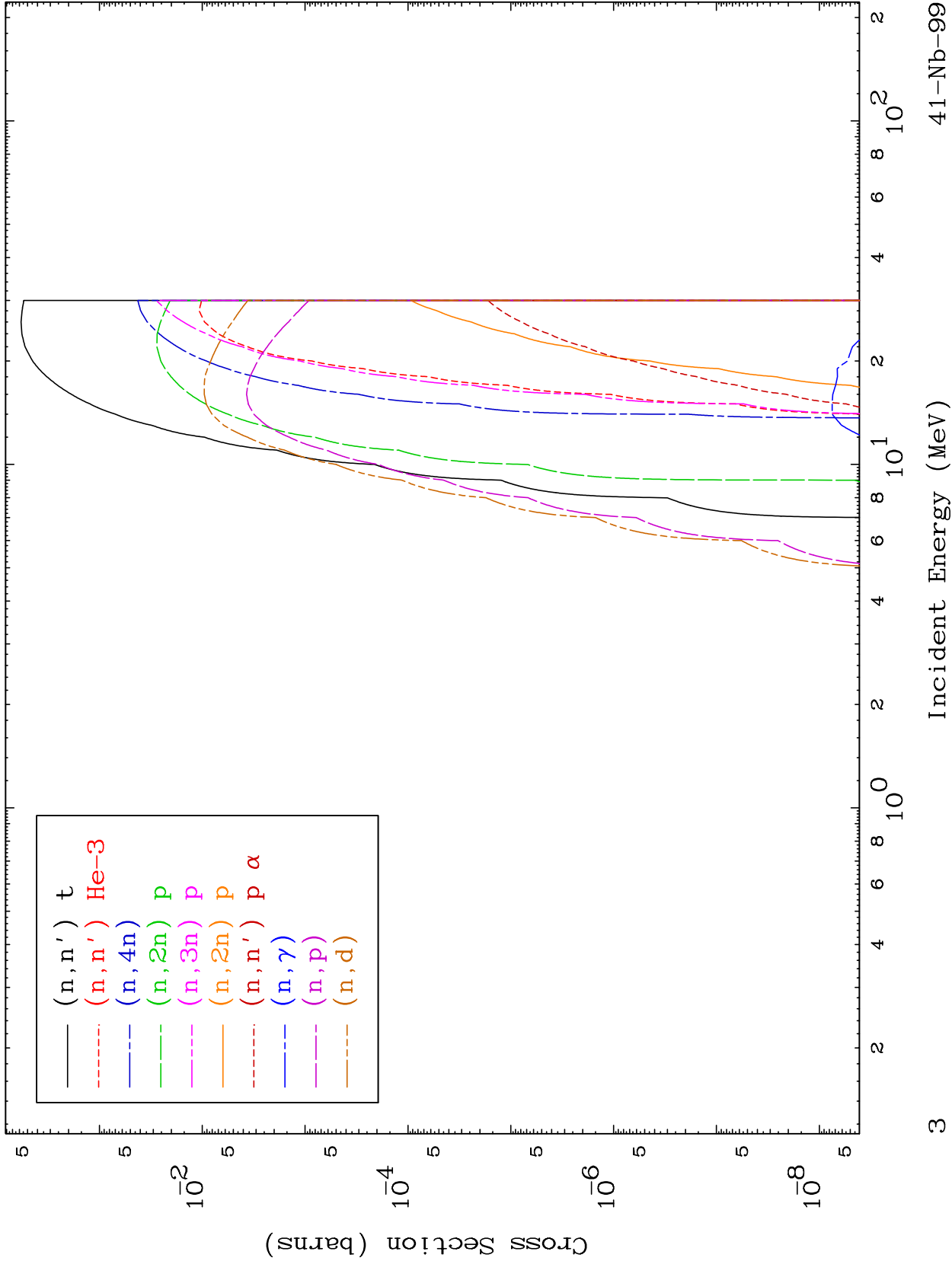
He-3 Major

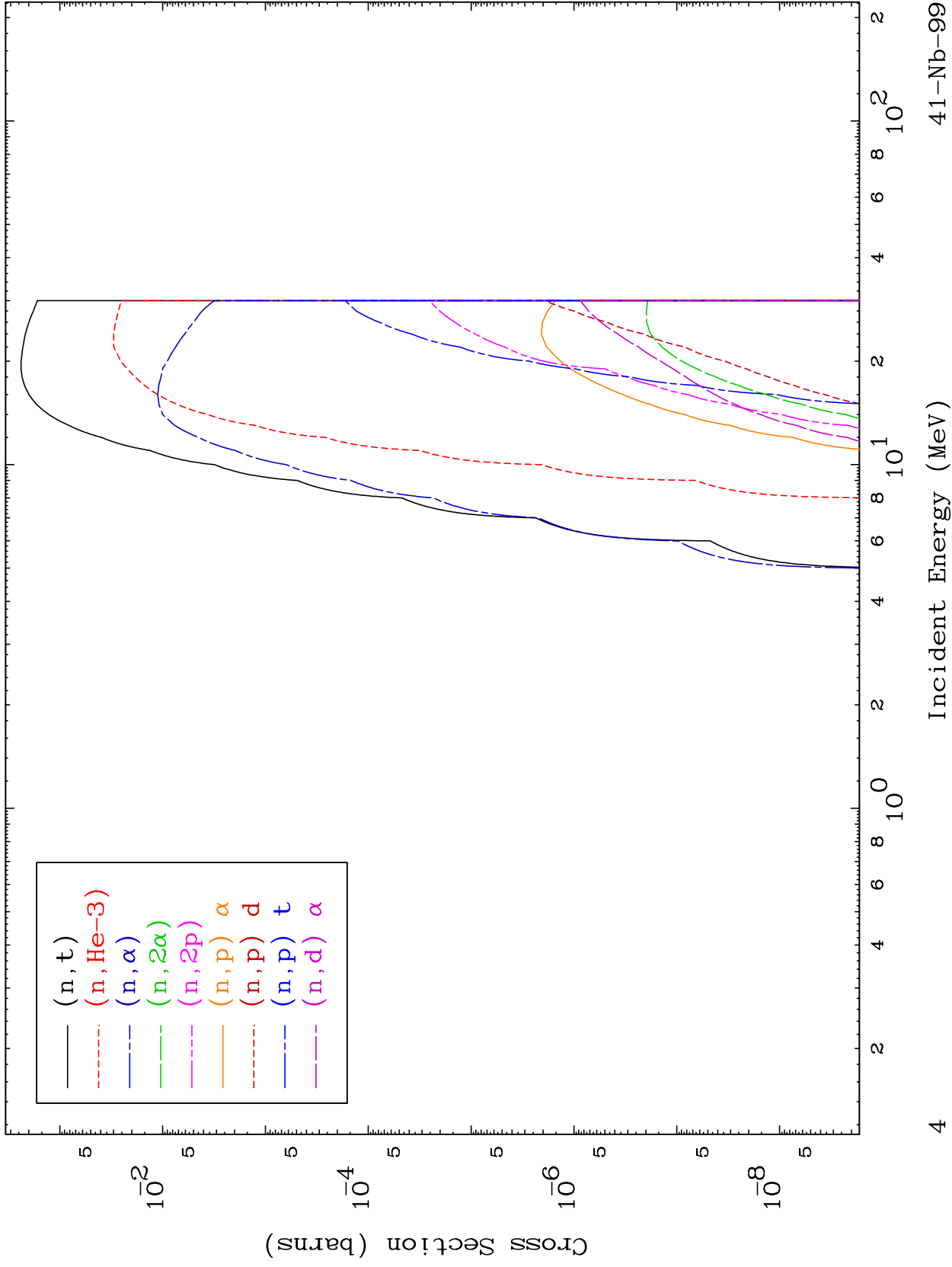
41-Nb-99

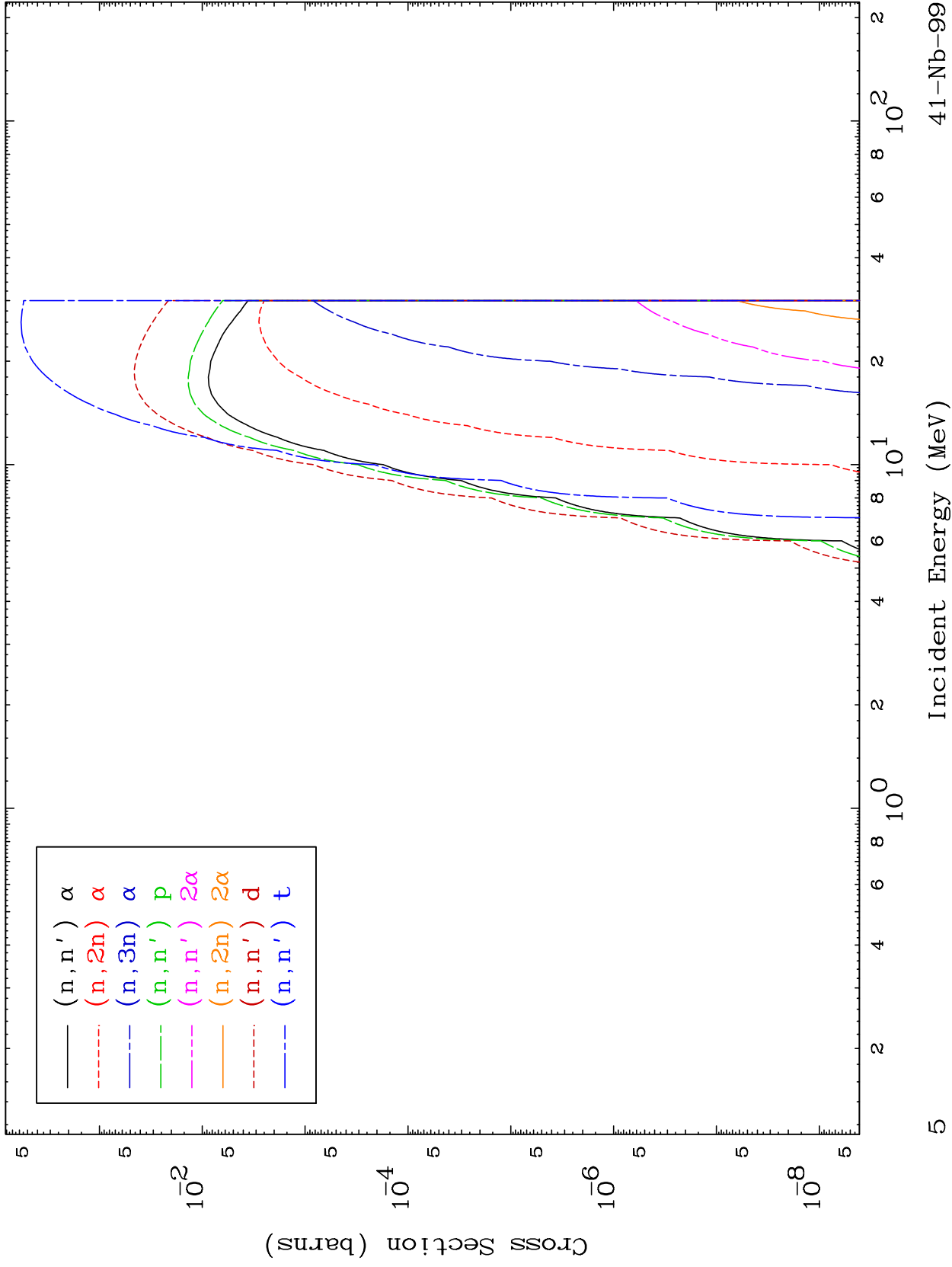
0 Kelvin Cross Sections

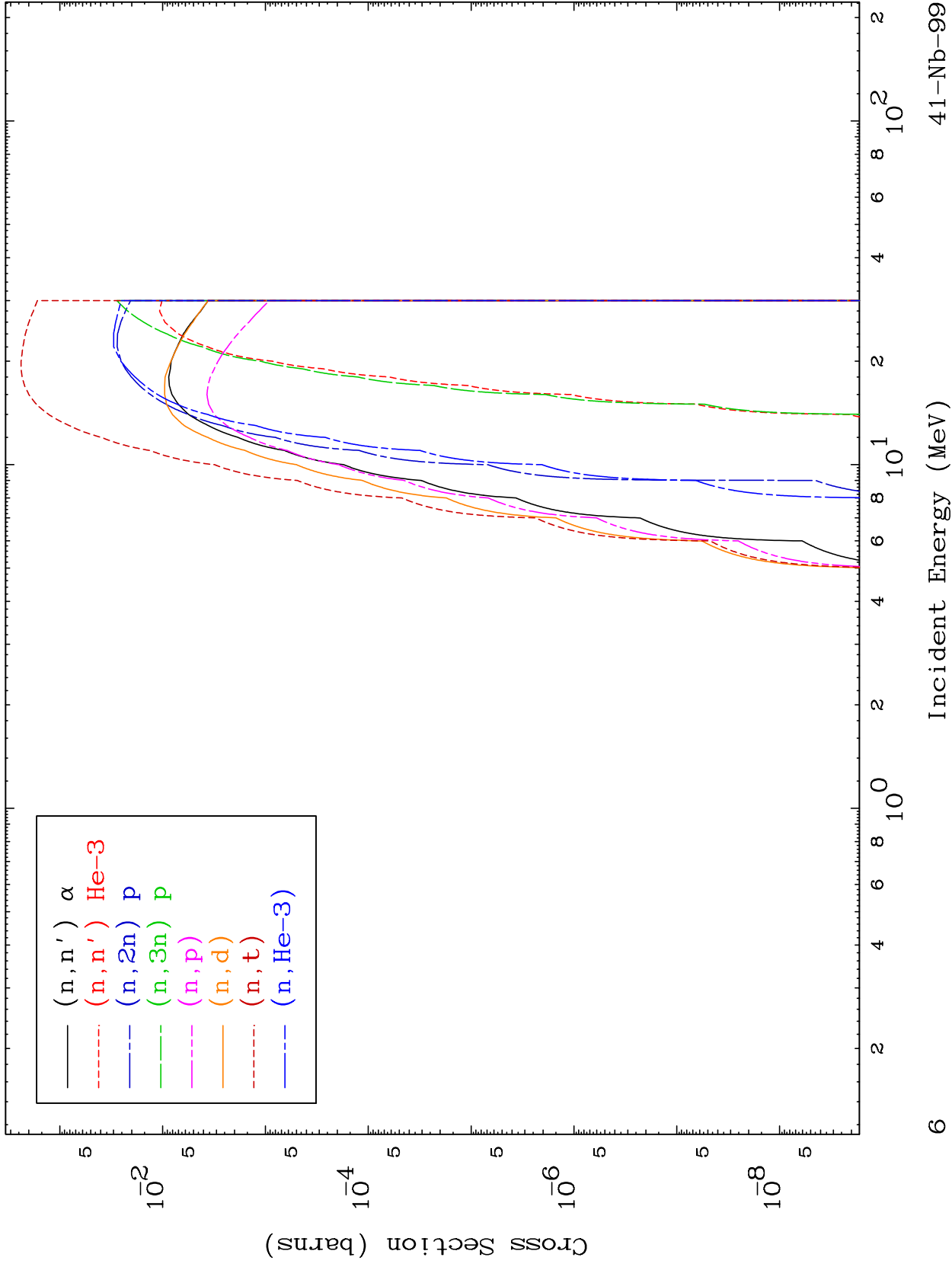


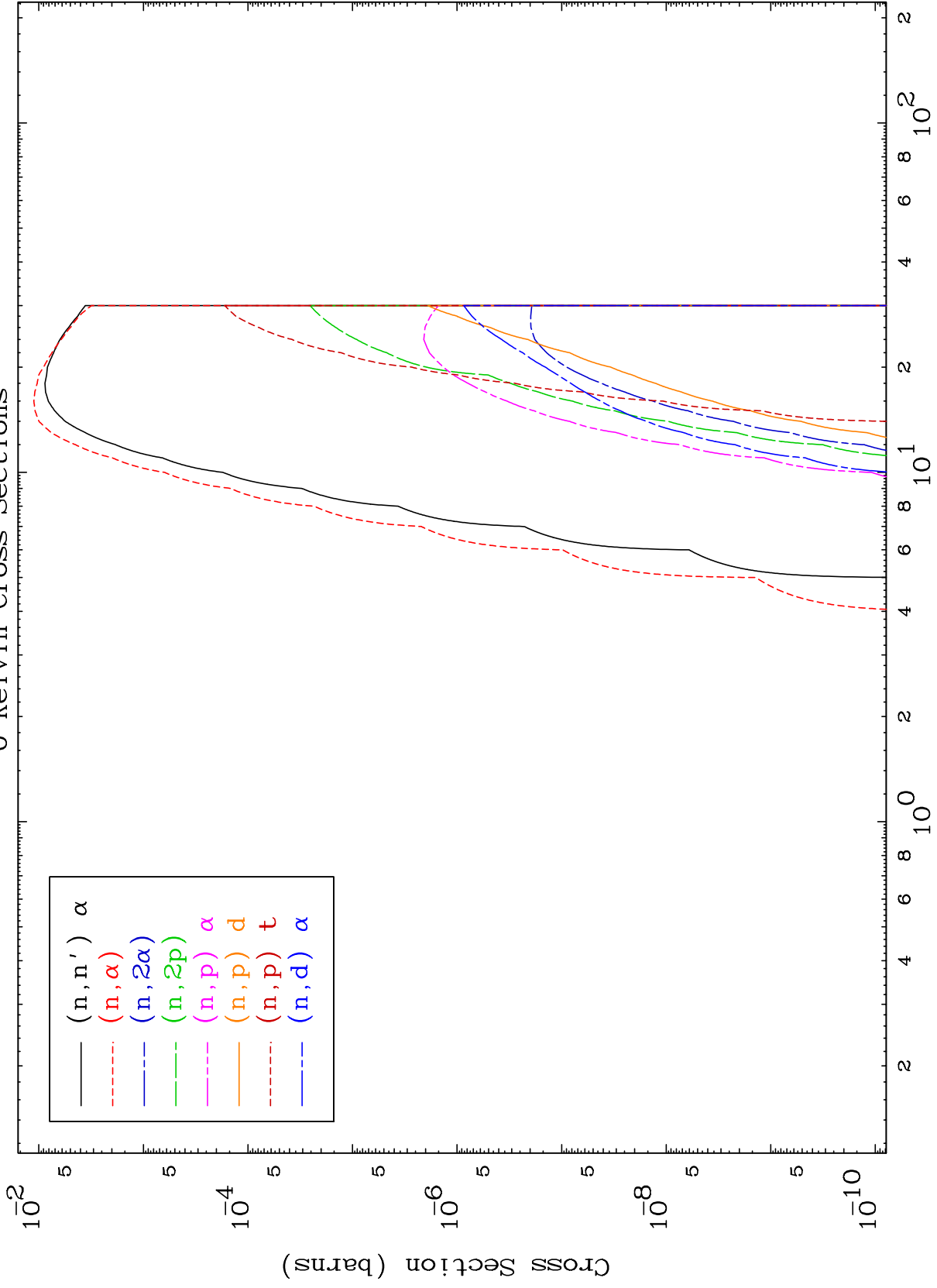










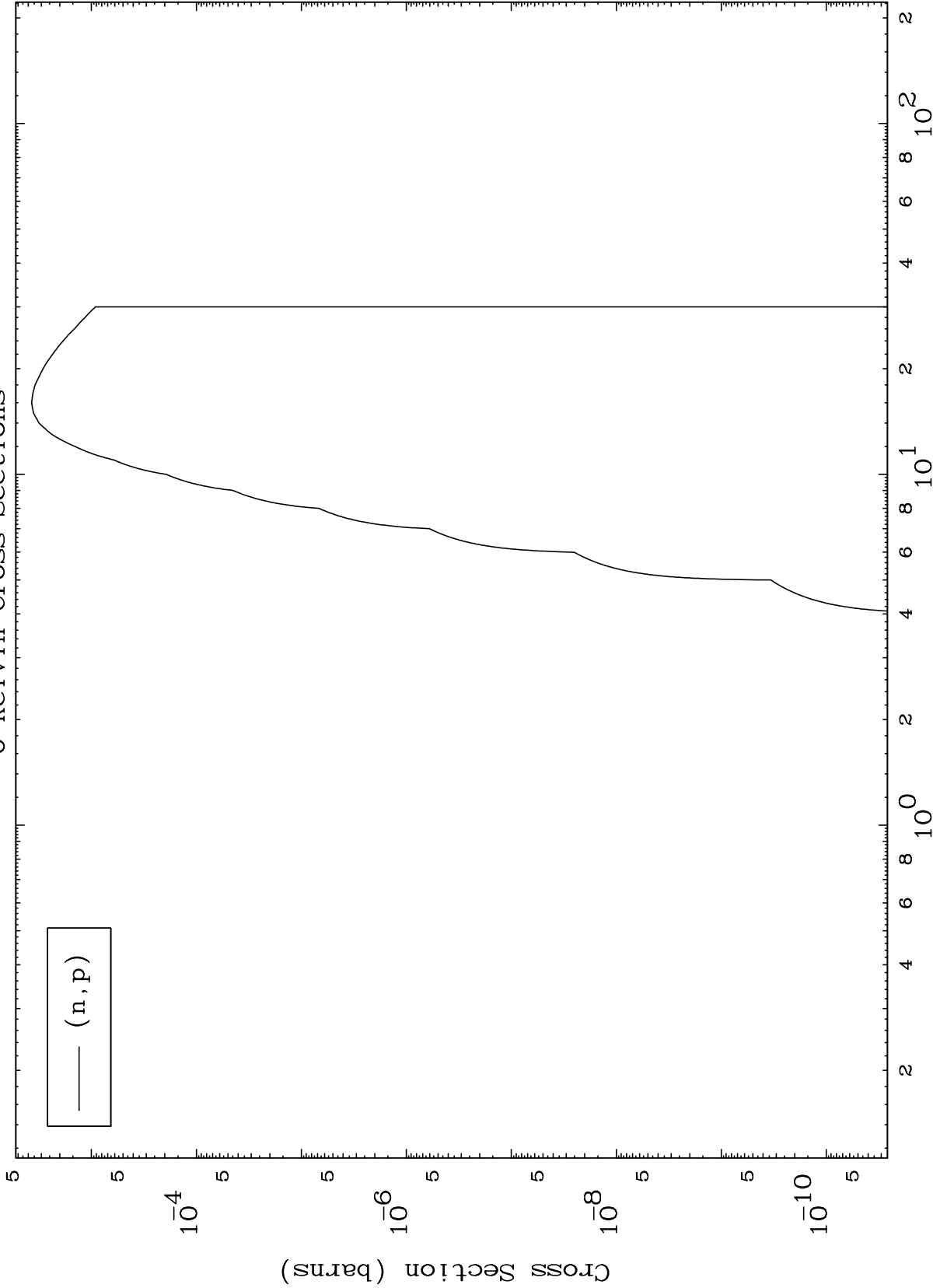


MAT 4143

(He-3,p) Levels

41-Nb-99

0 Kelvin Cross Sections

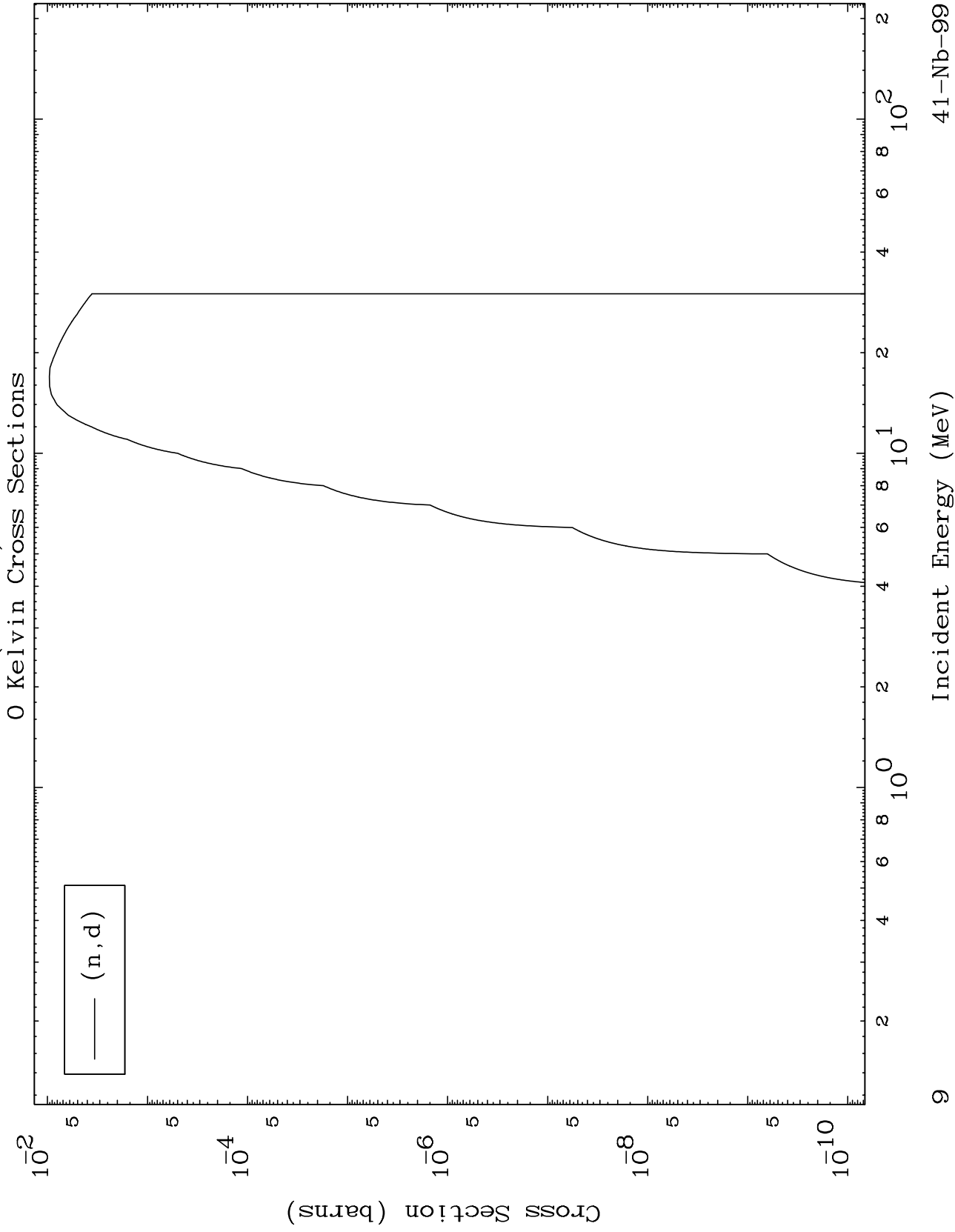


(n,p)

MAT 4143

(He-3,d) Levels

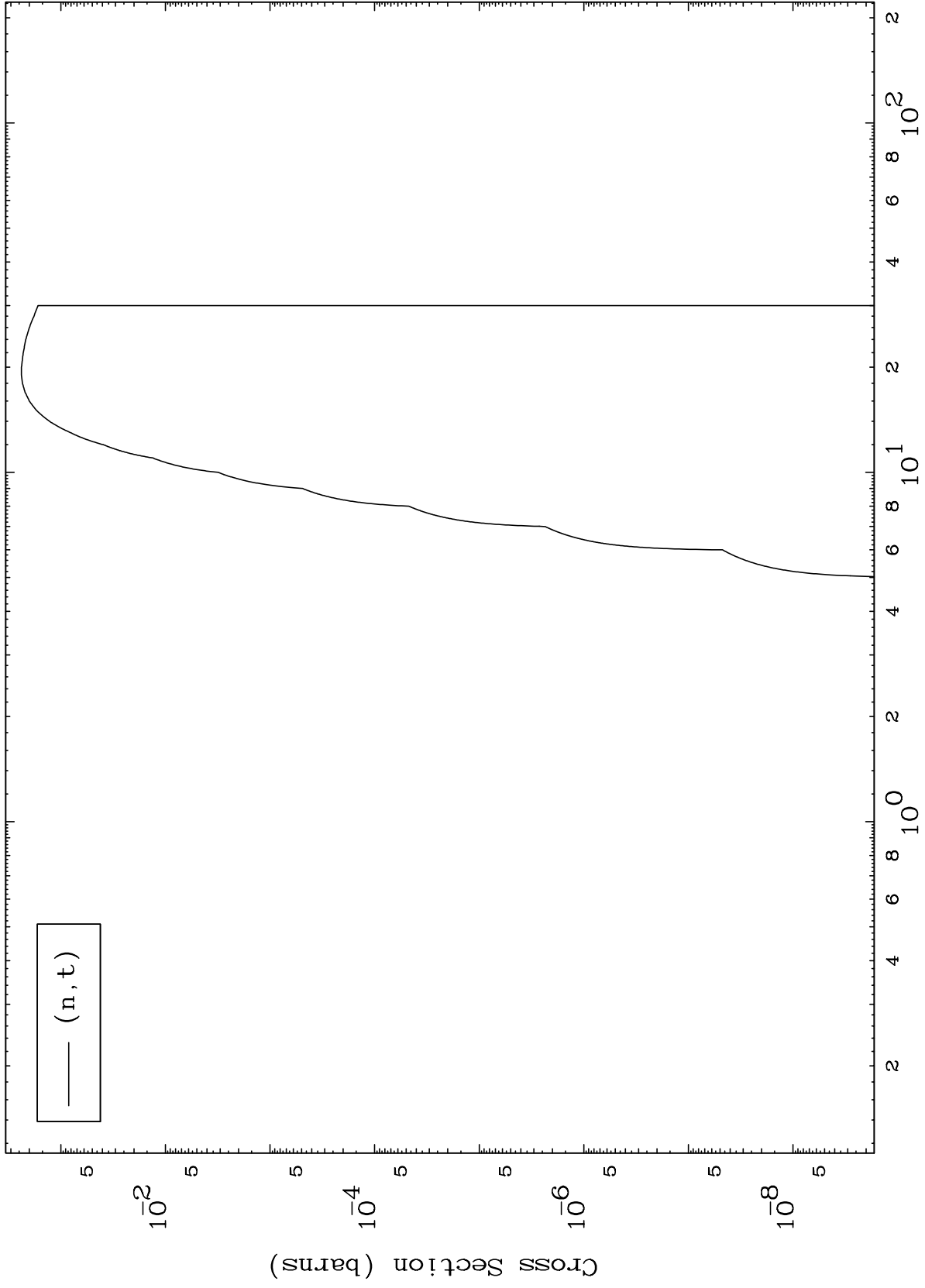
41-Nb-99



MAT 4143

(He-3,t) Levels
0 Kelvin Cross Sections

41-Nb-99

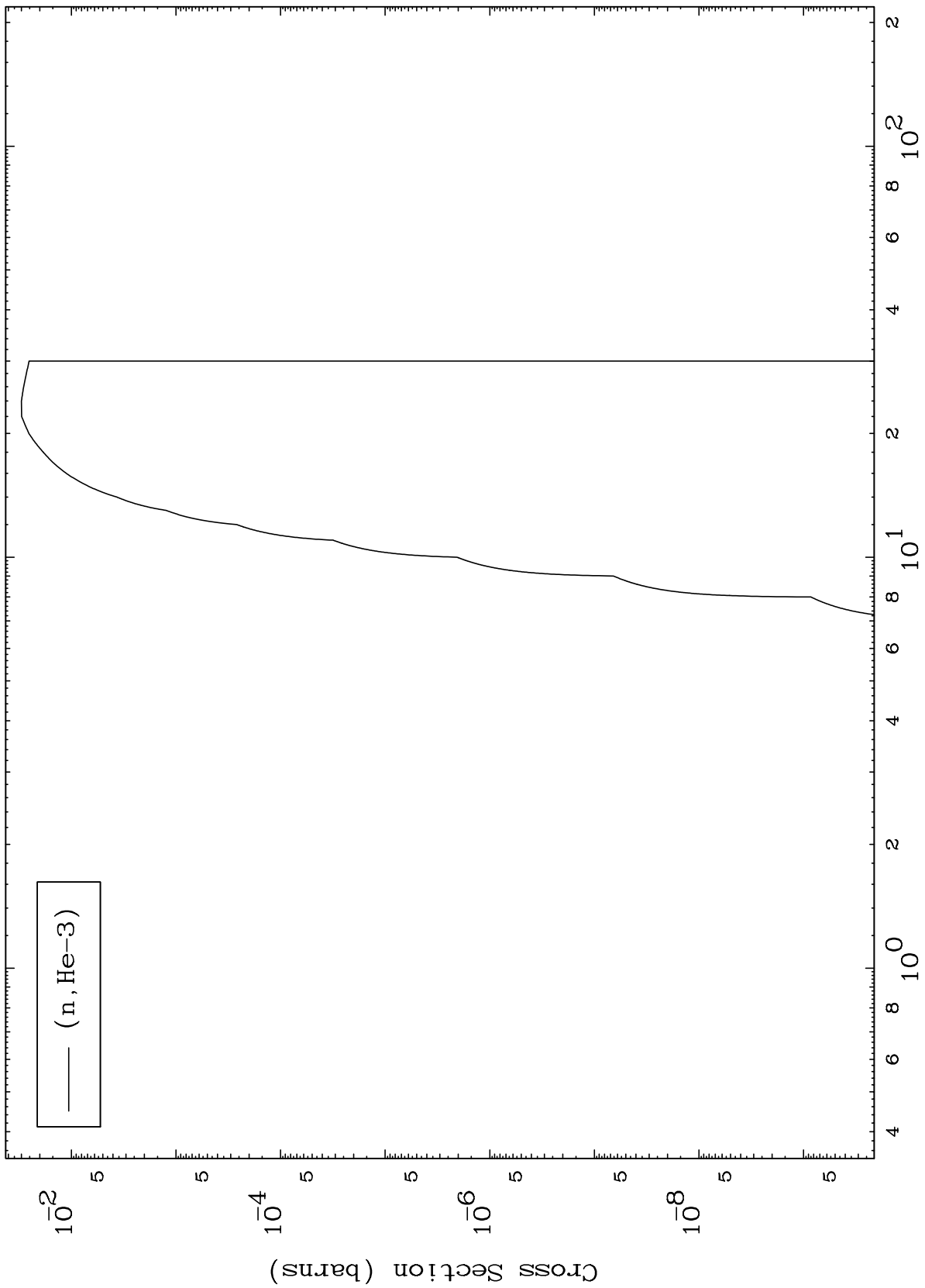


10

Incident Energy (MeV)

41-Nb-99

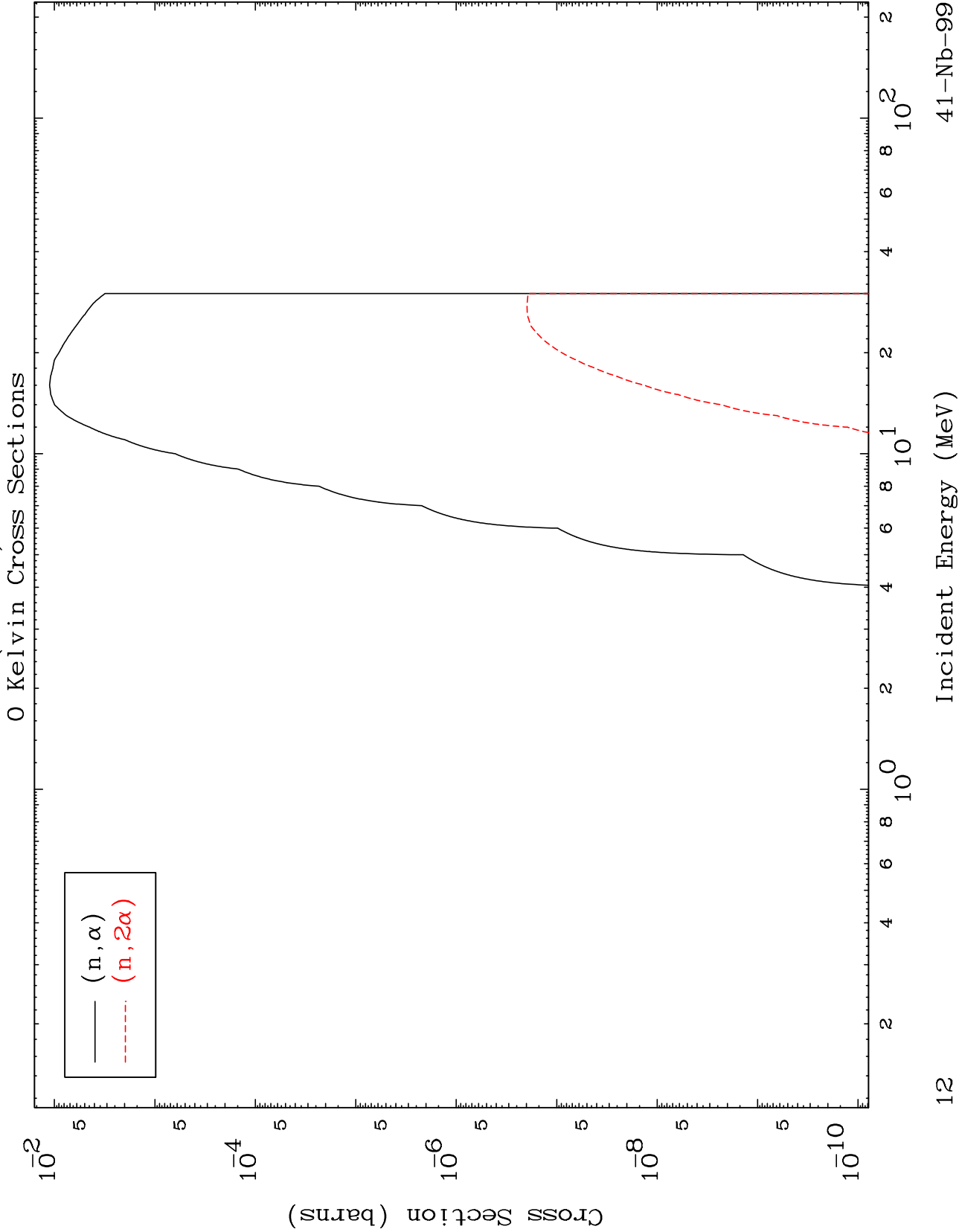
0 Kelvin Cross Sections



MAT 4143

(He-3, α) Levels

41-Nb-99

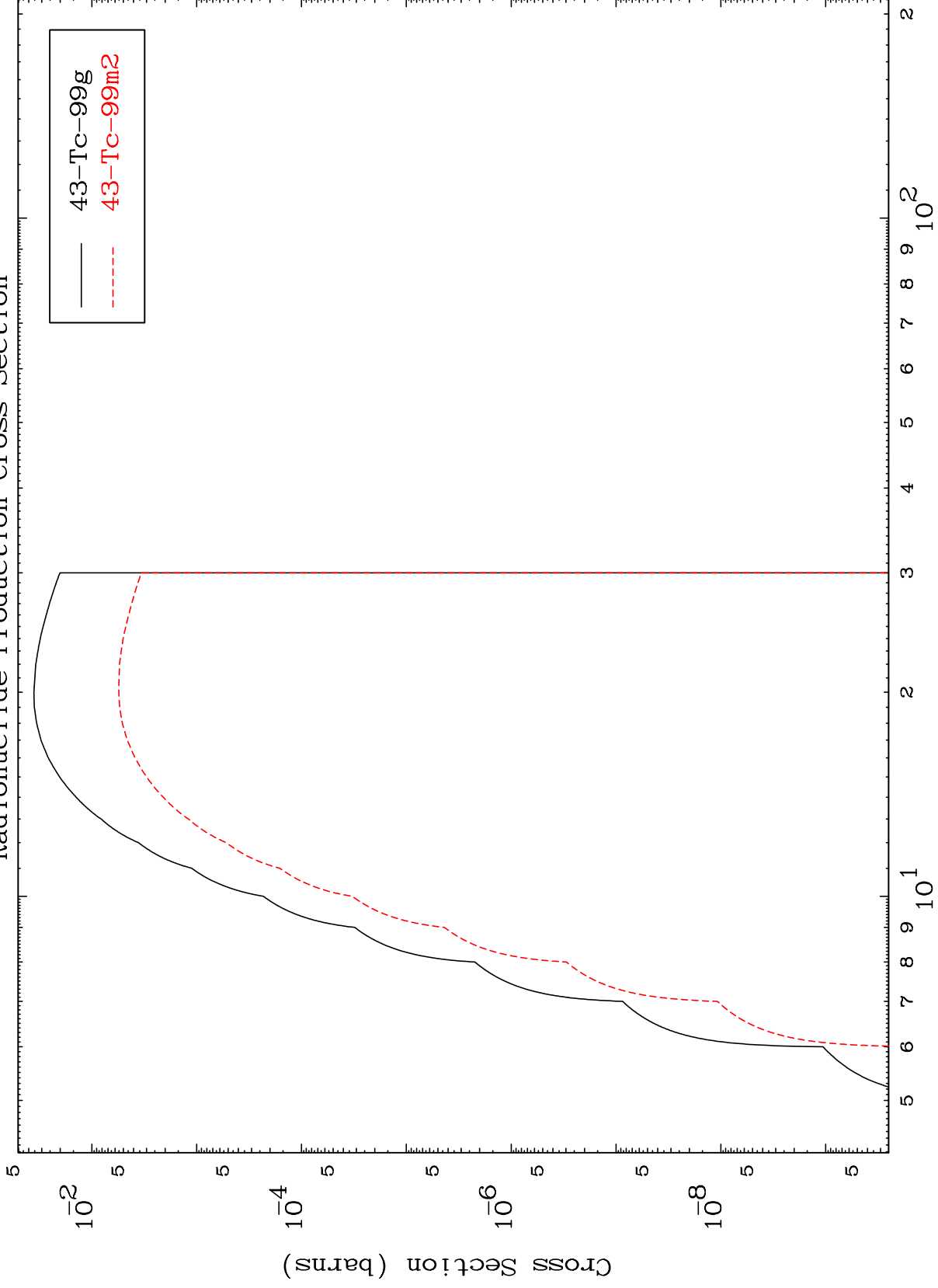


MAT 4143

(n, 3n)

41-Nb-99

Radionuclide Production Cross Section



13

Incident Energy (MeV)

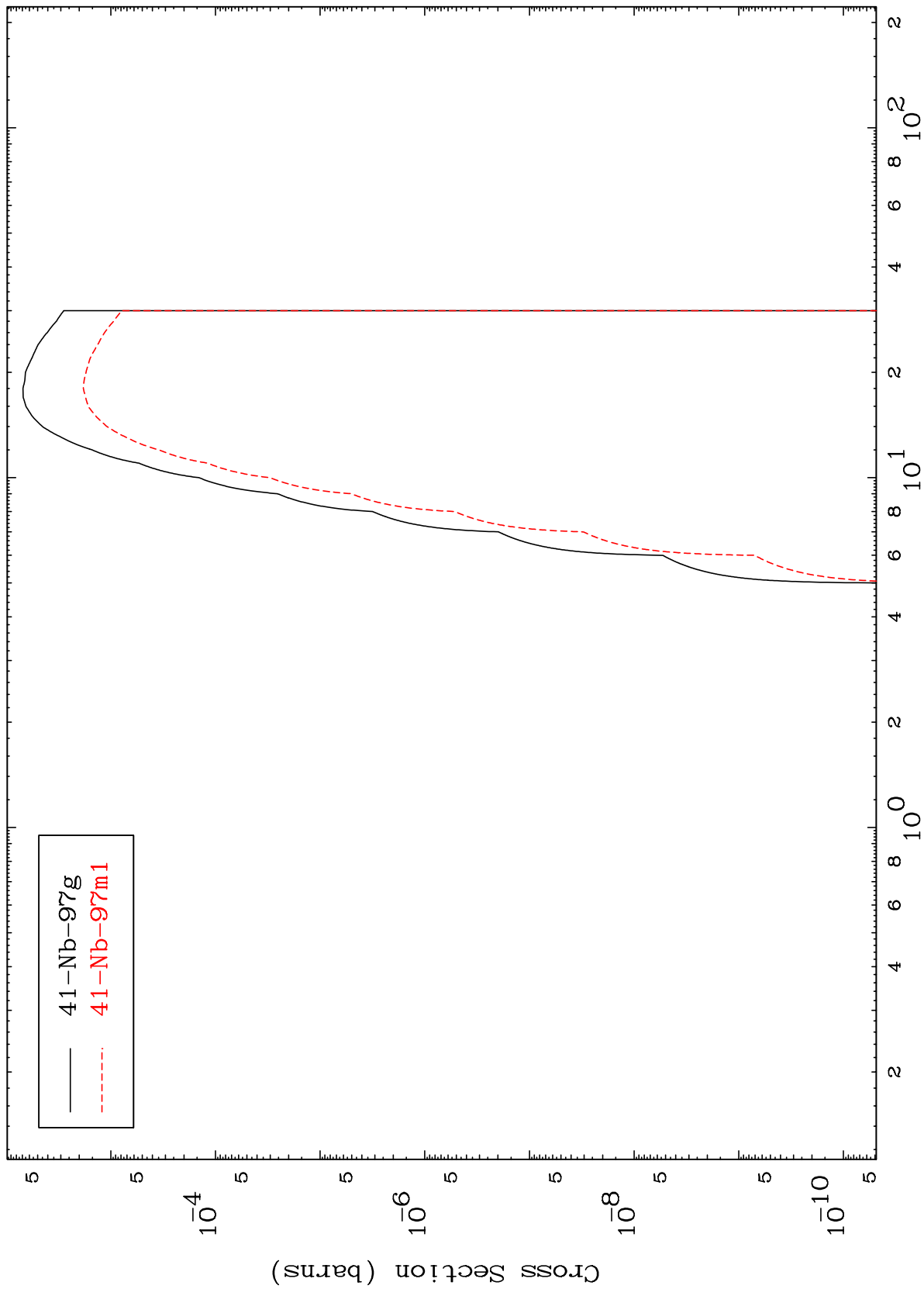
41-Nb-99

MAT 4143

$(n, n') \alpha$

41-Nb-99

Radionuclide Production Cross Section



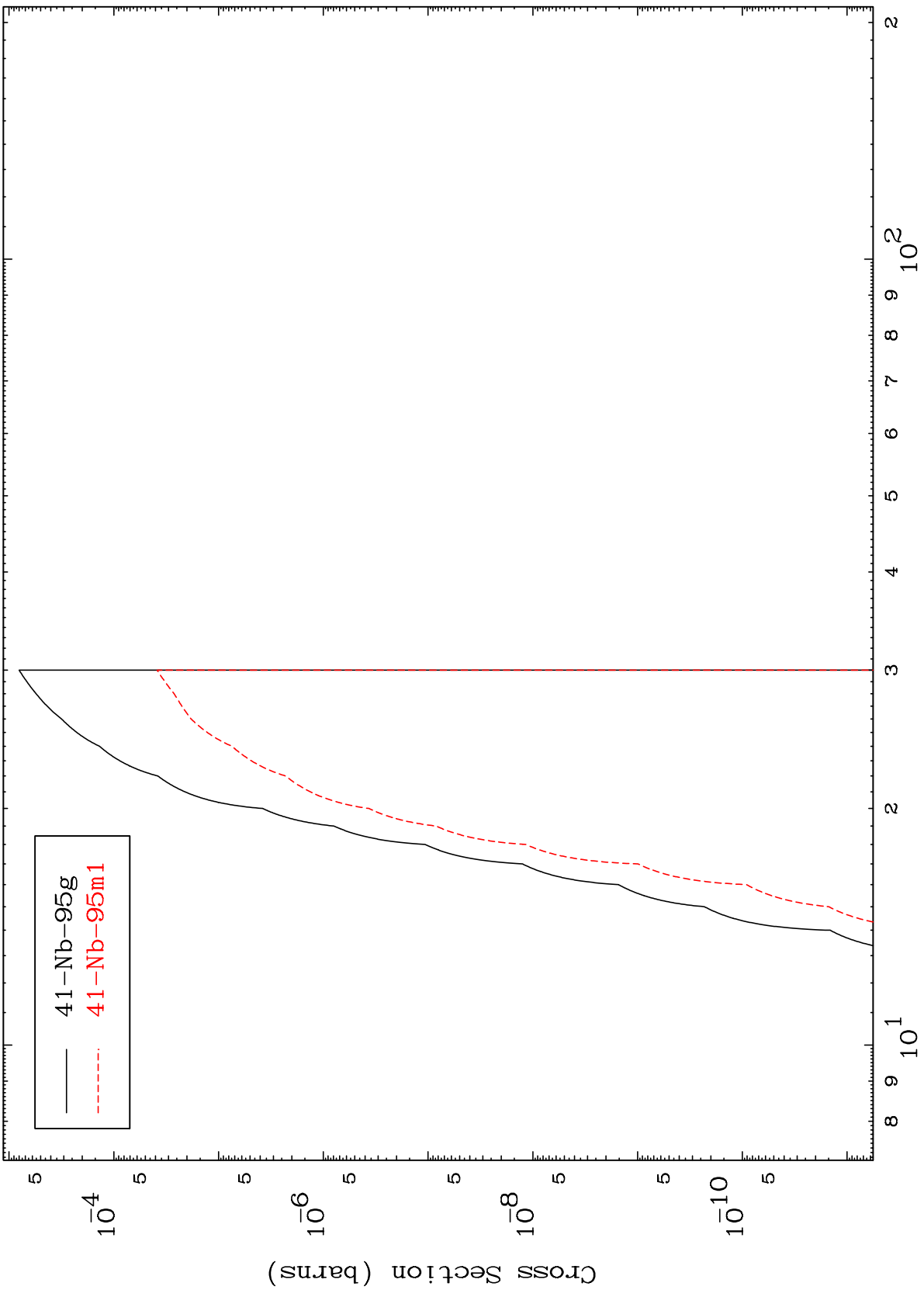
41-Nb-97g
41-Nb-97m1

MAT 4143

(n,3n) α

41-Nb-99

Radionuclide Production Cross Section



41-Nb-95g
41-Nb-95m1

15

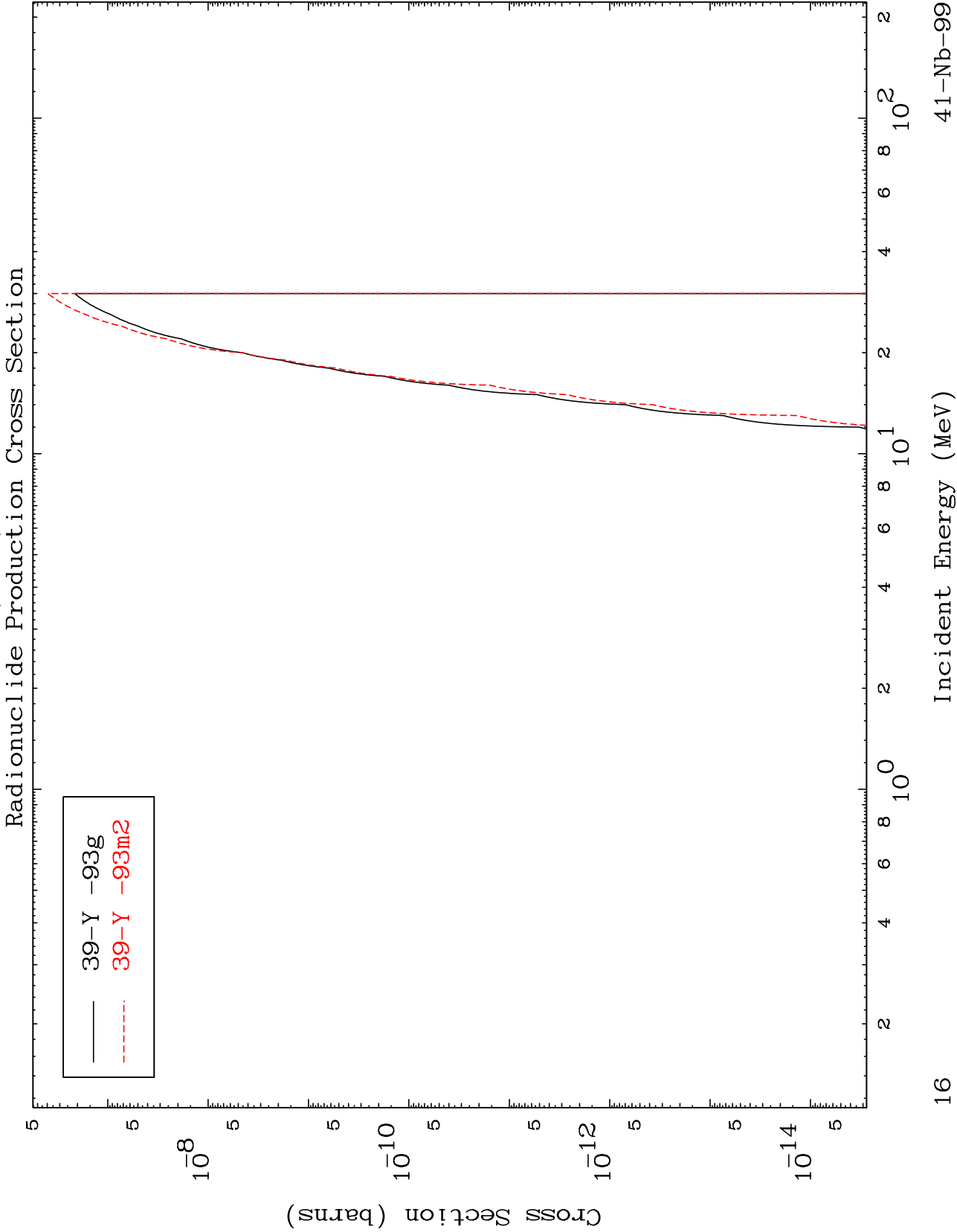
Incident Energy (MeV)

41-Nb-99

MAT 4143

(n,n') 2 α

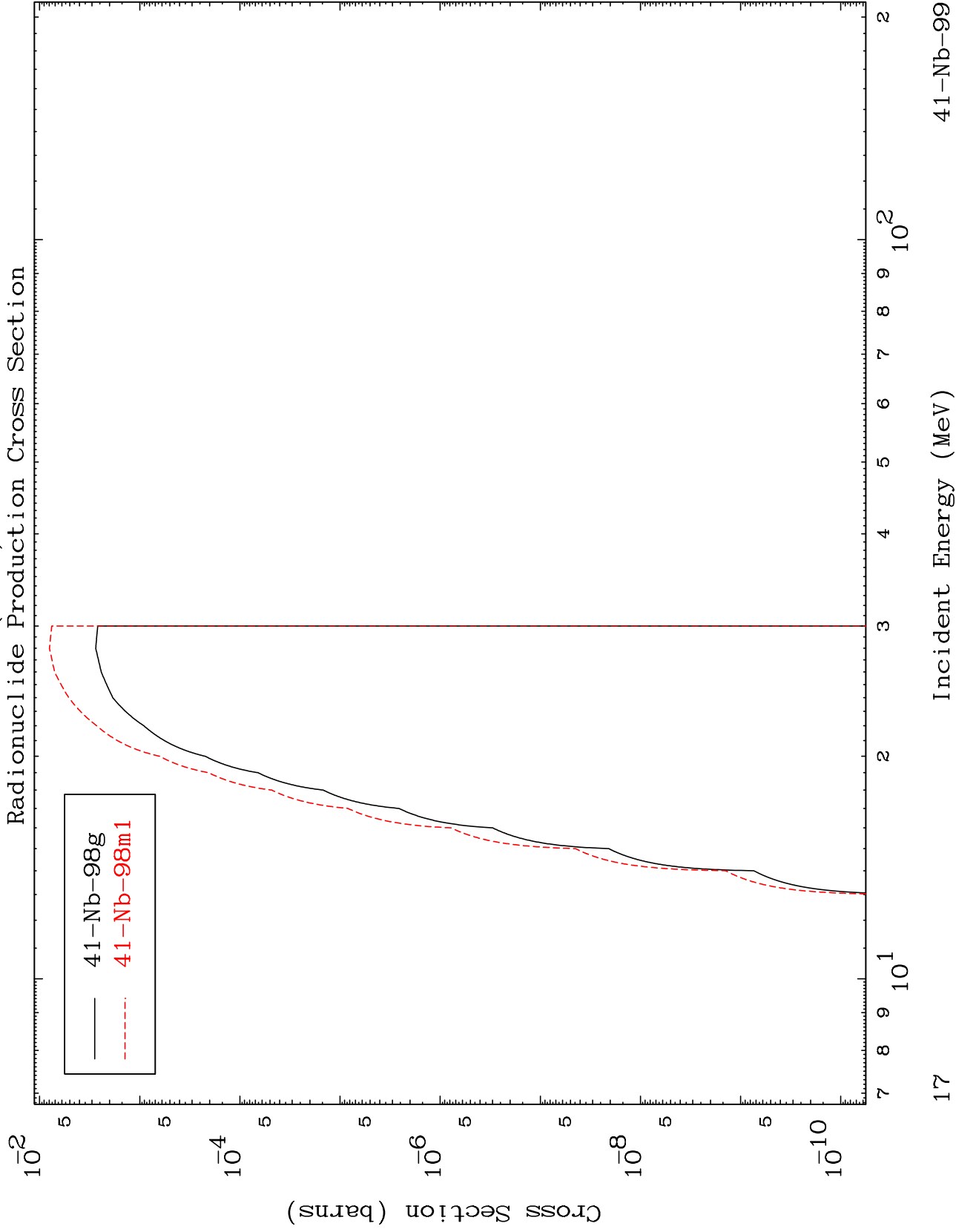
41-Nb-99



MAT 4143

(n,n') He-3

41-Nb-99



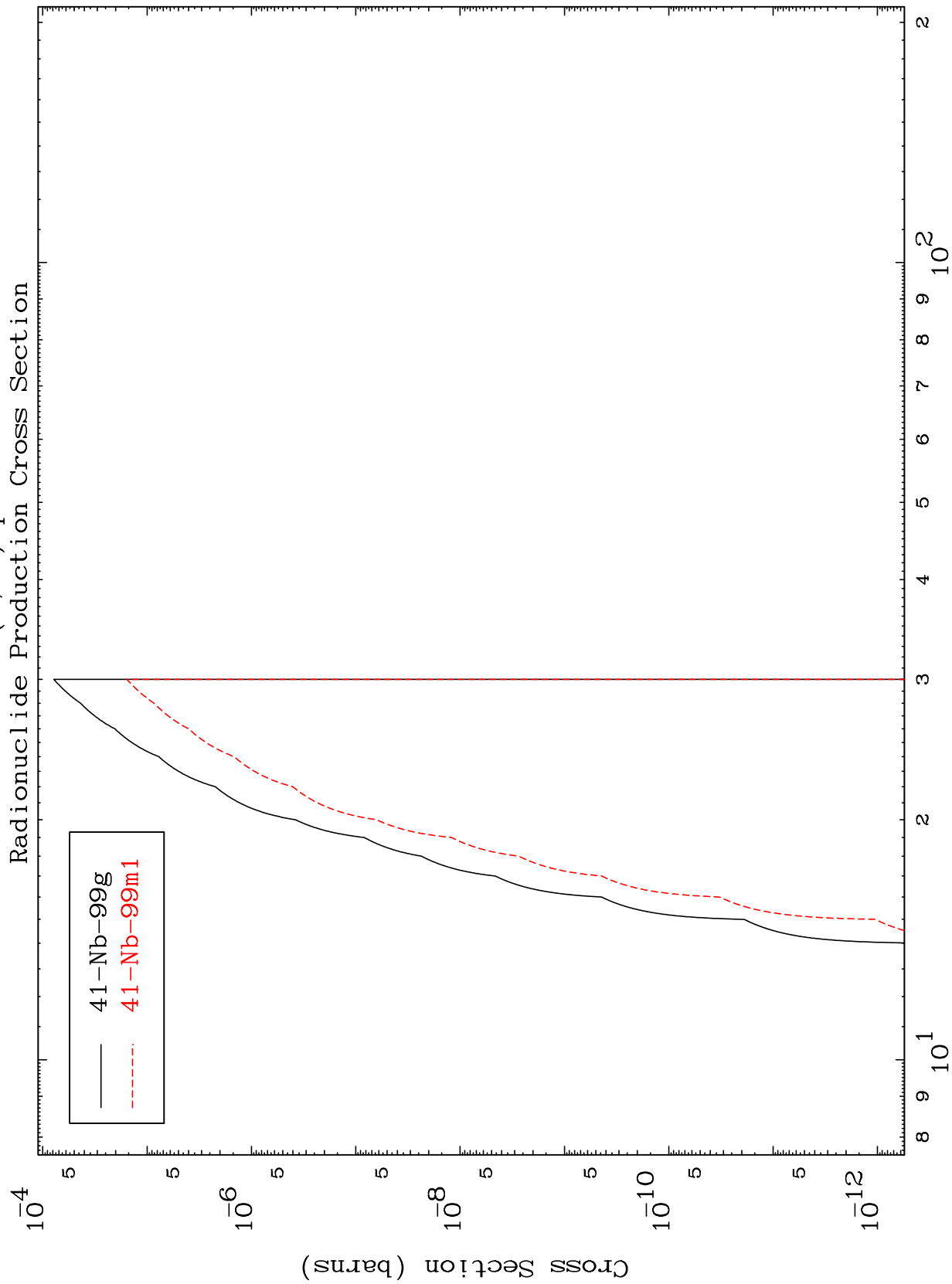
17

MAT 4143

(n,2n) p

41-Nb-99

Radionuclide Production Cross Section



18

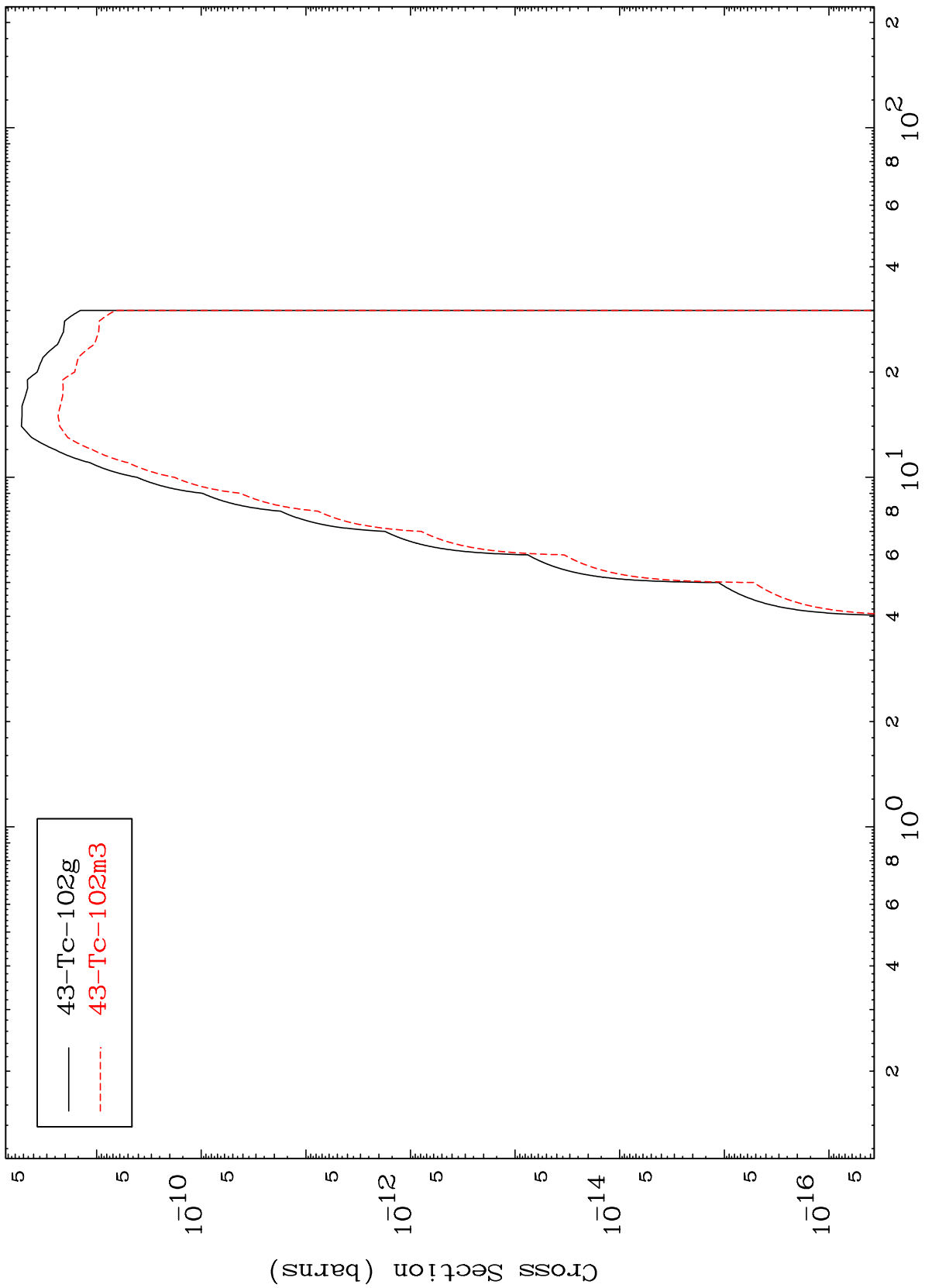
Incident Energy (MeV)

41-Nb-99

MAT 4143

41-Nb-99

(n, γ)
Radionuclide Production Cross Section



19

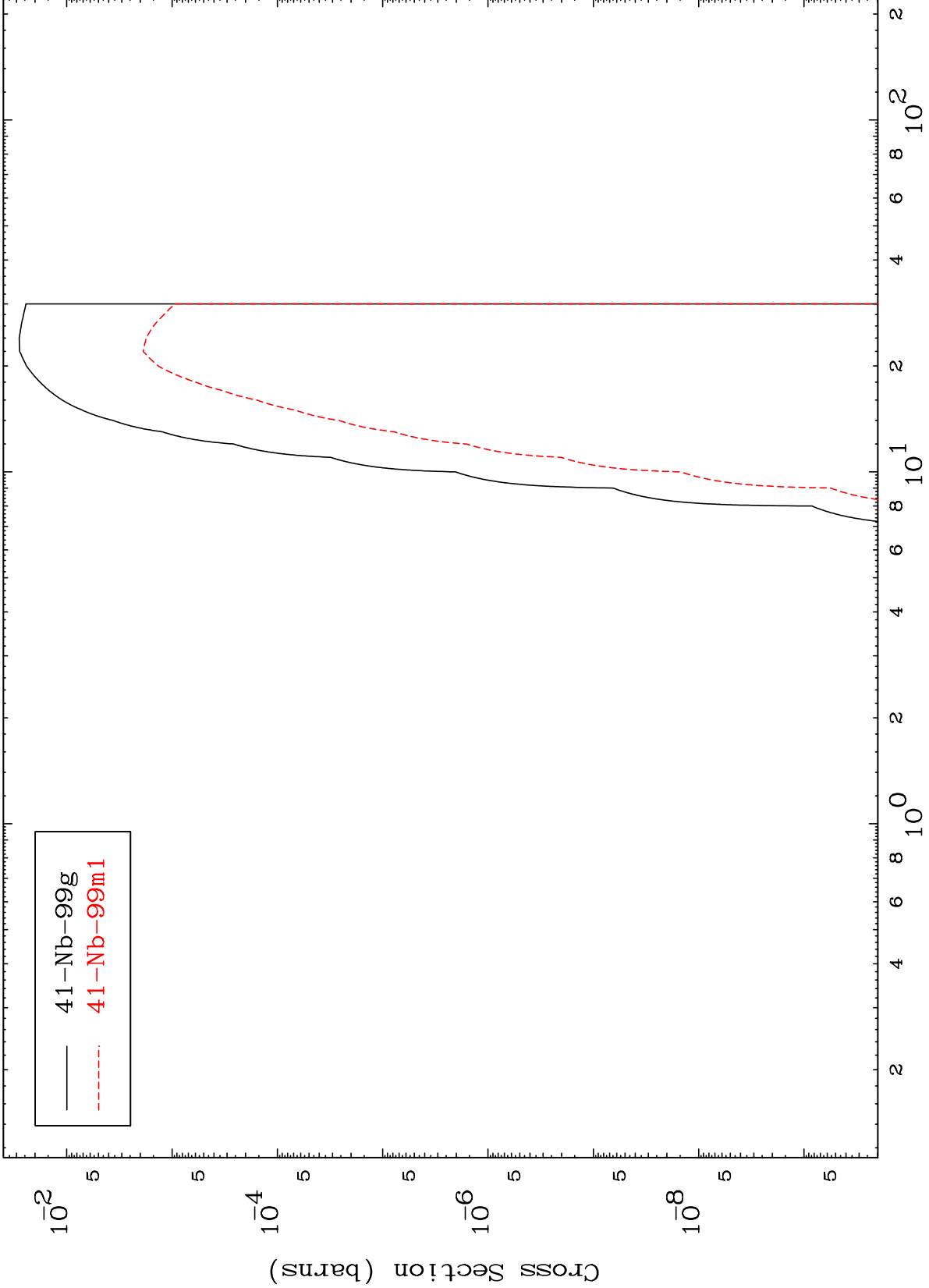
41-Nb-99

MAT 4143

(n,He-3)

41-Nb-99

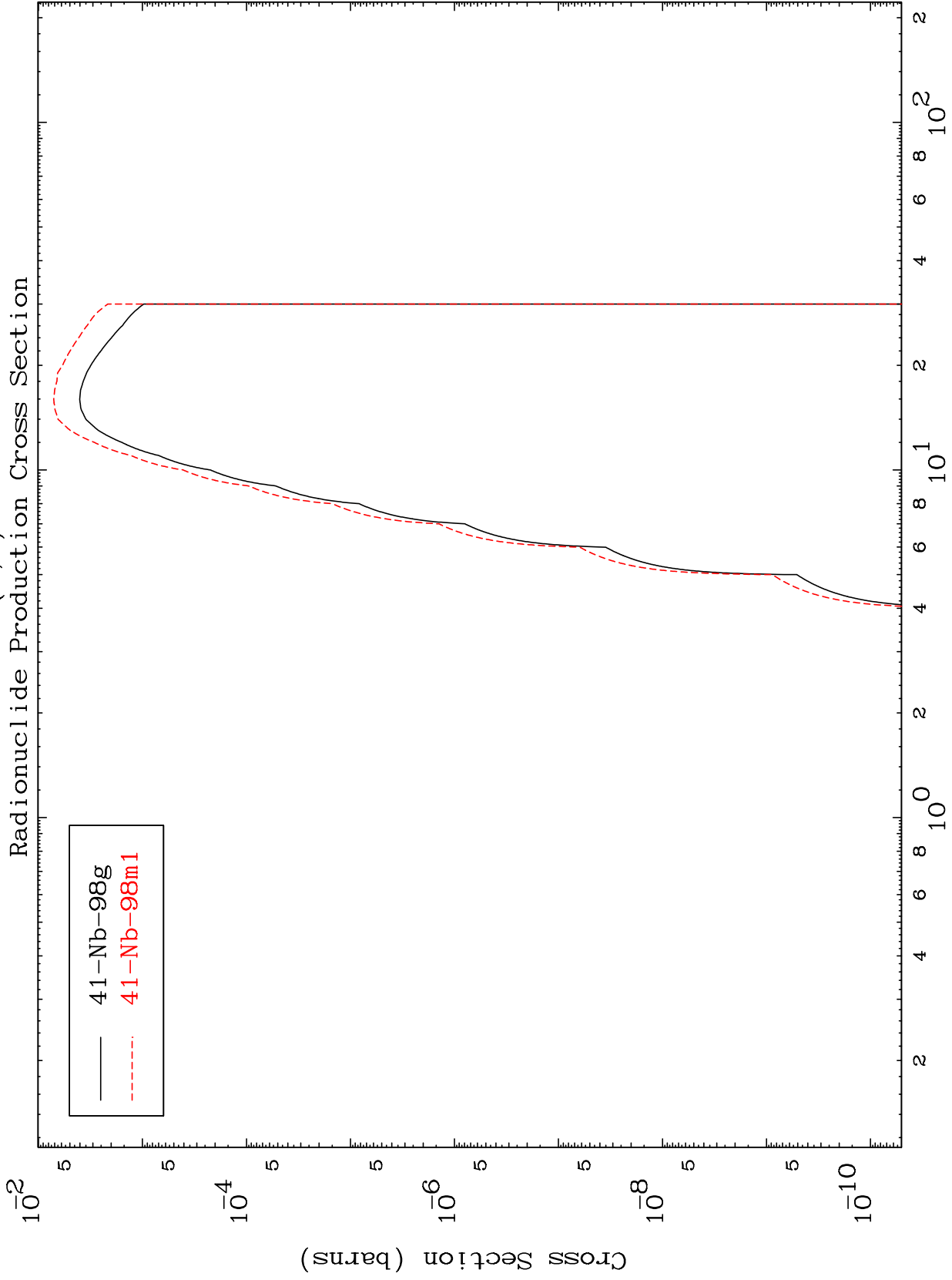
Radionuclide Production Cross Section



MAT 4143

41-Nb-99

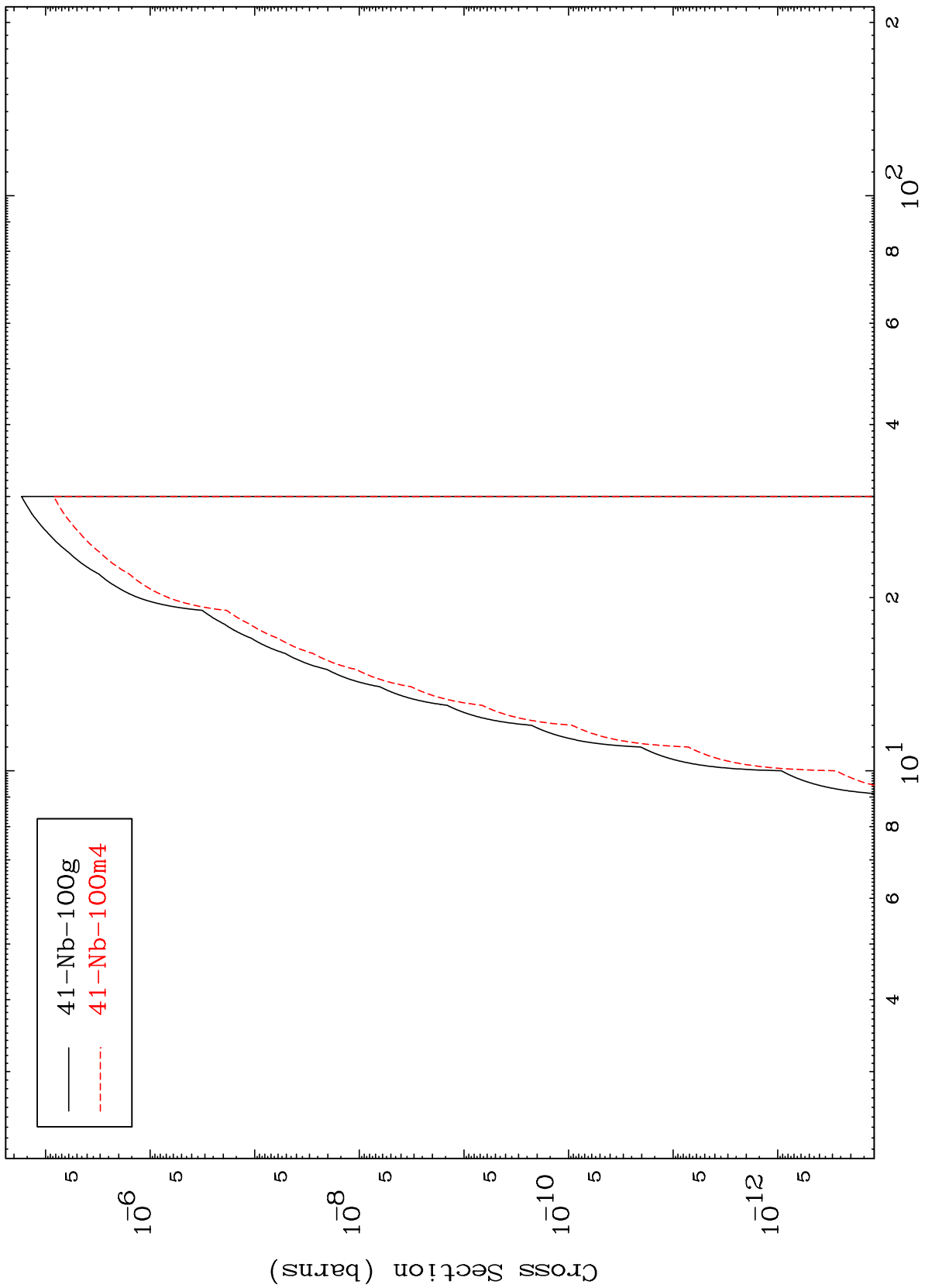
Radionuclide Production Cross Section
(n, α)



MAT 4143

41-Nb-99

(n,2p)
Radionuclide Production Cross Section



41-Nb-99

Incident Energy (MeV)

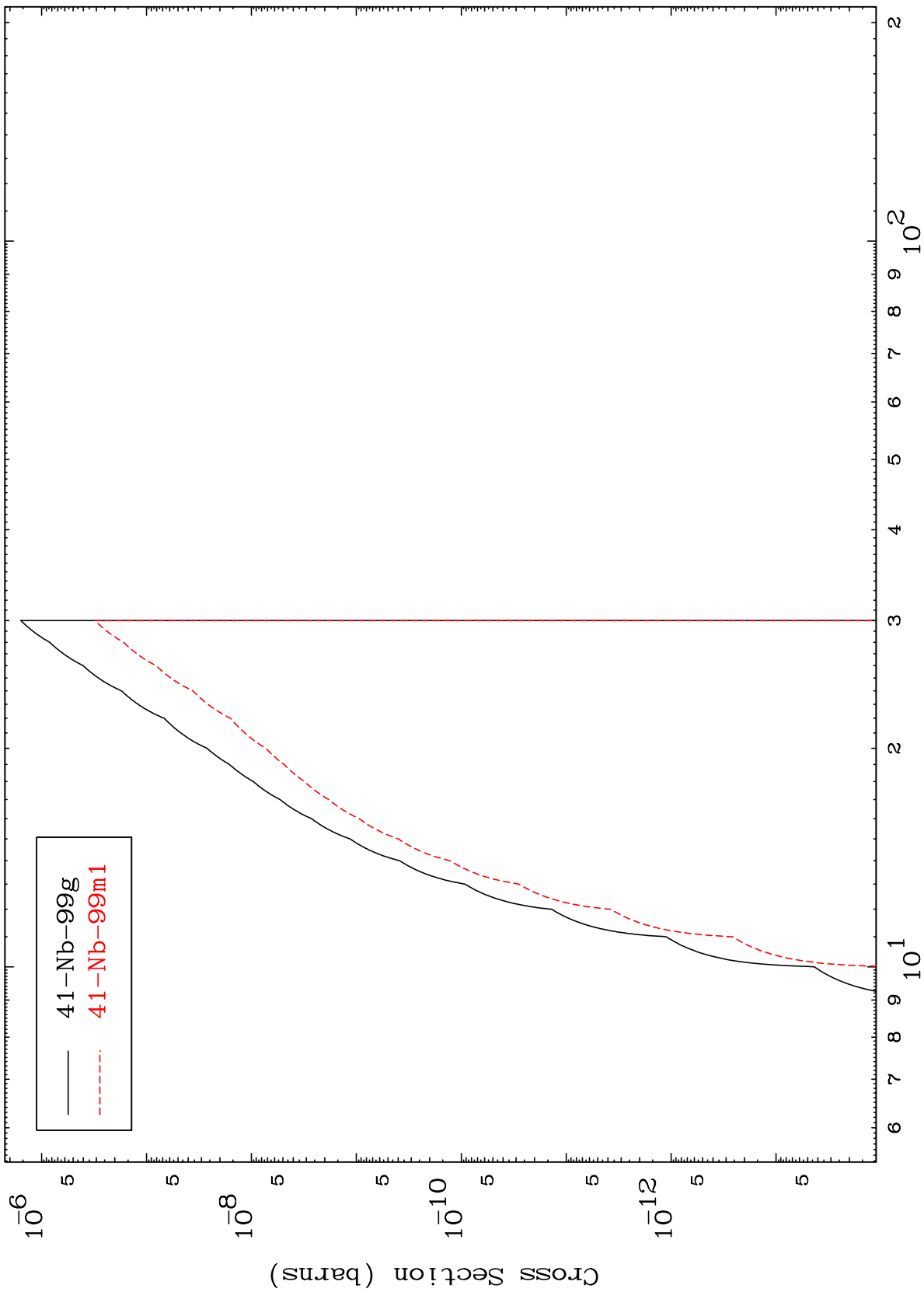
22

MAT 4143

(n,p) d

41-Nb-99

Radionuclide Production Cross Section

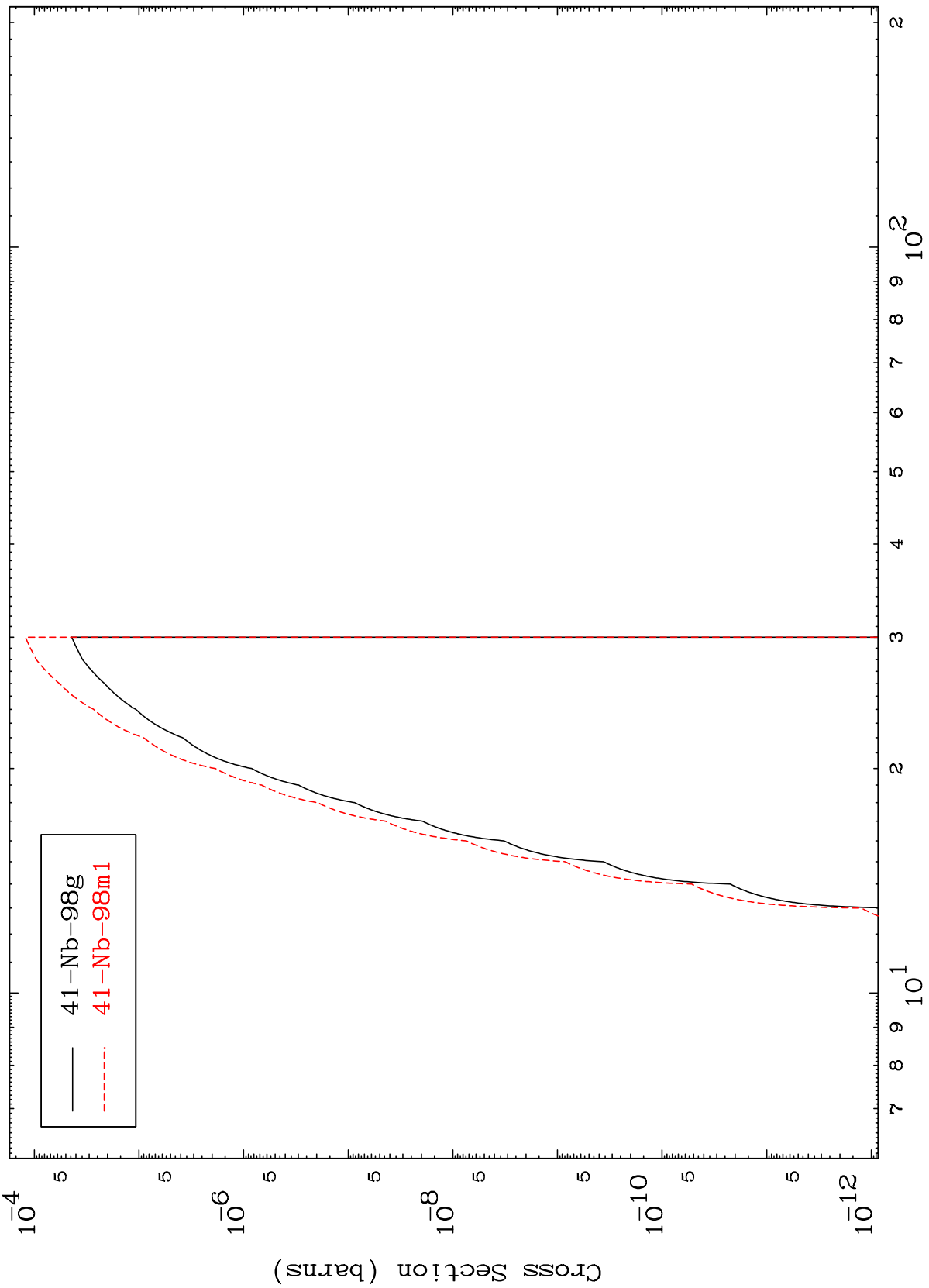


MAT 4143

(n,p) t

41-Nb-99

Radionuclide Production Cross Section



24

Incident Energy (MeV)

41-Nb-99