

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

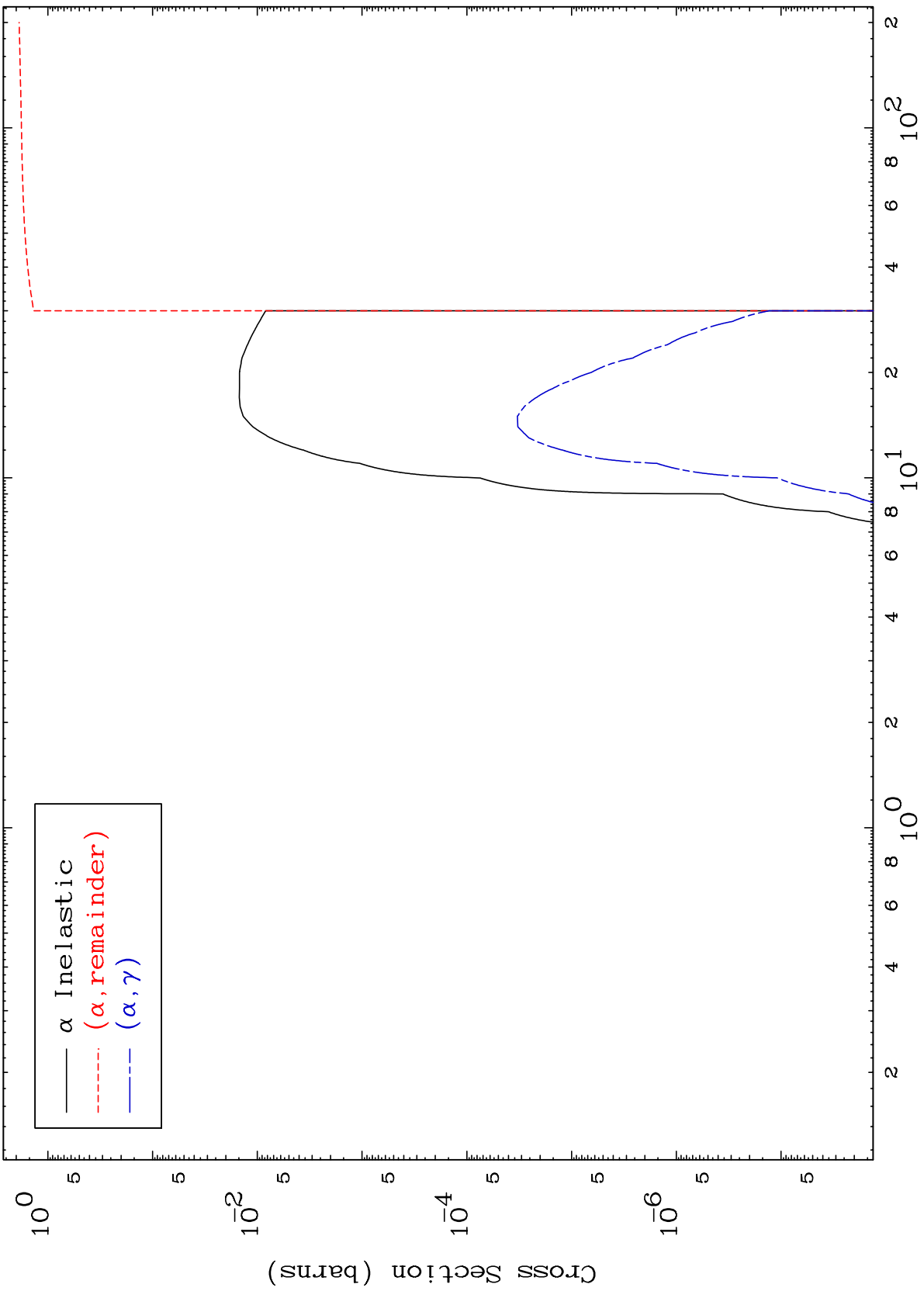
Press Mouse Button to Start

MAT 4105

α Major

41-Nb-86

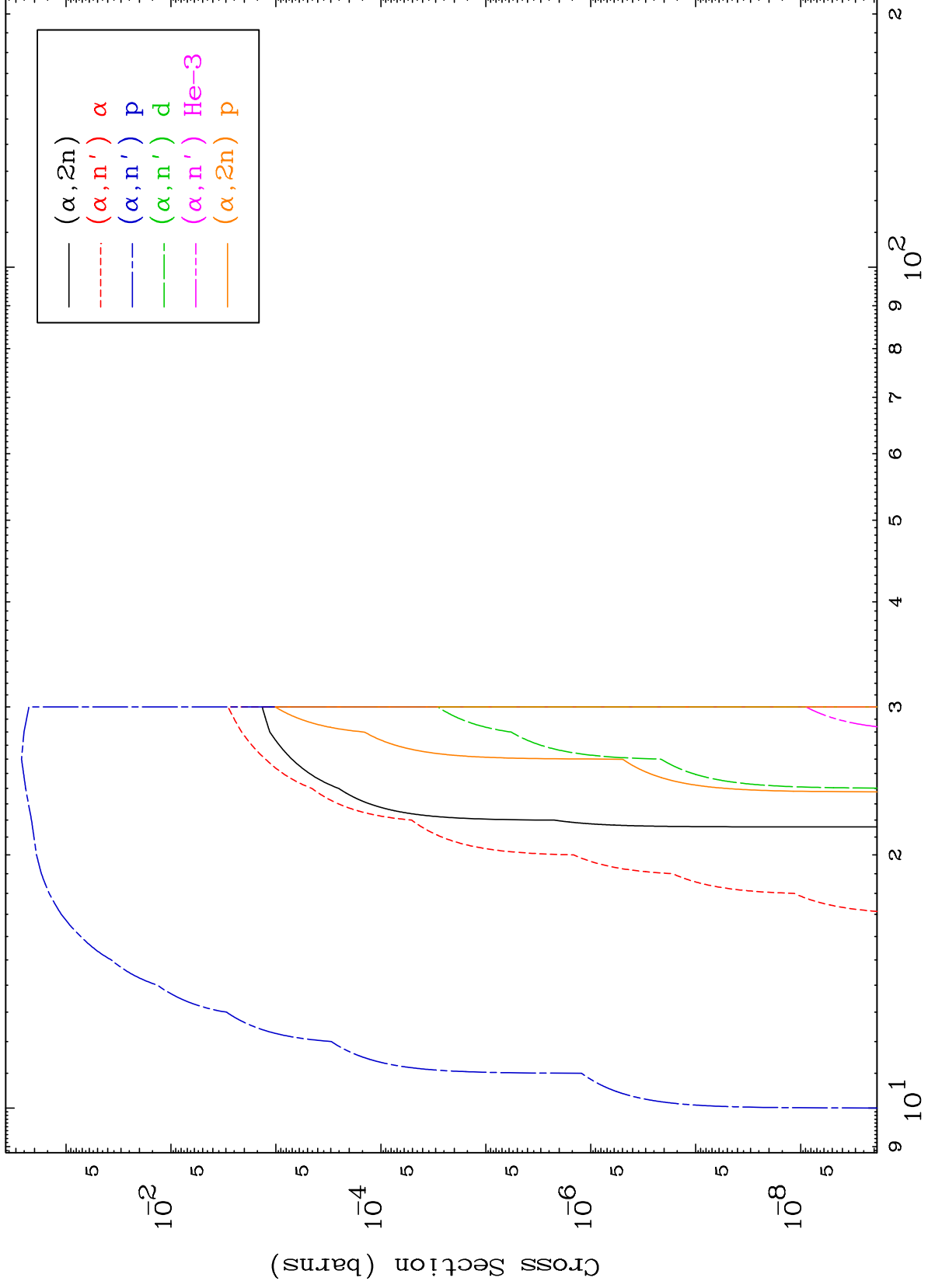
0 Kelvin Cross Sections



MAT 4105

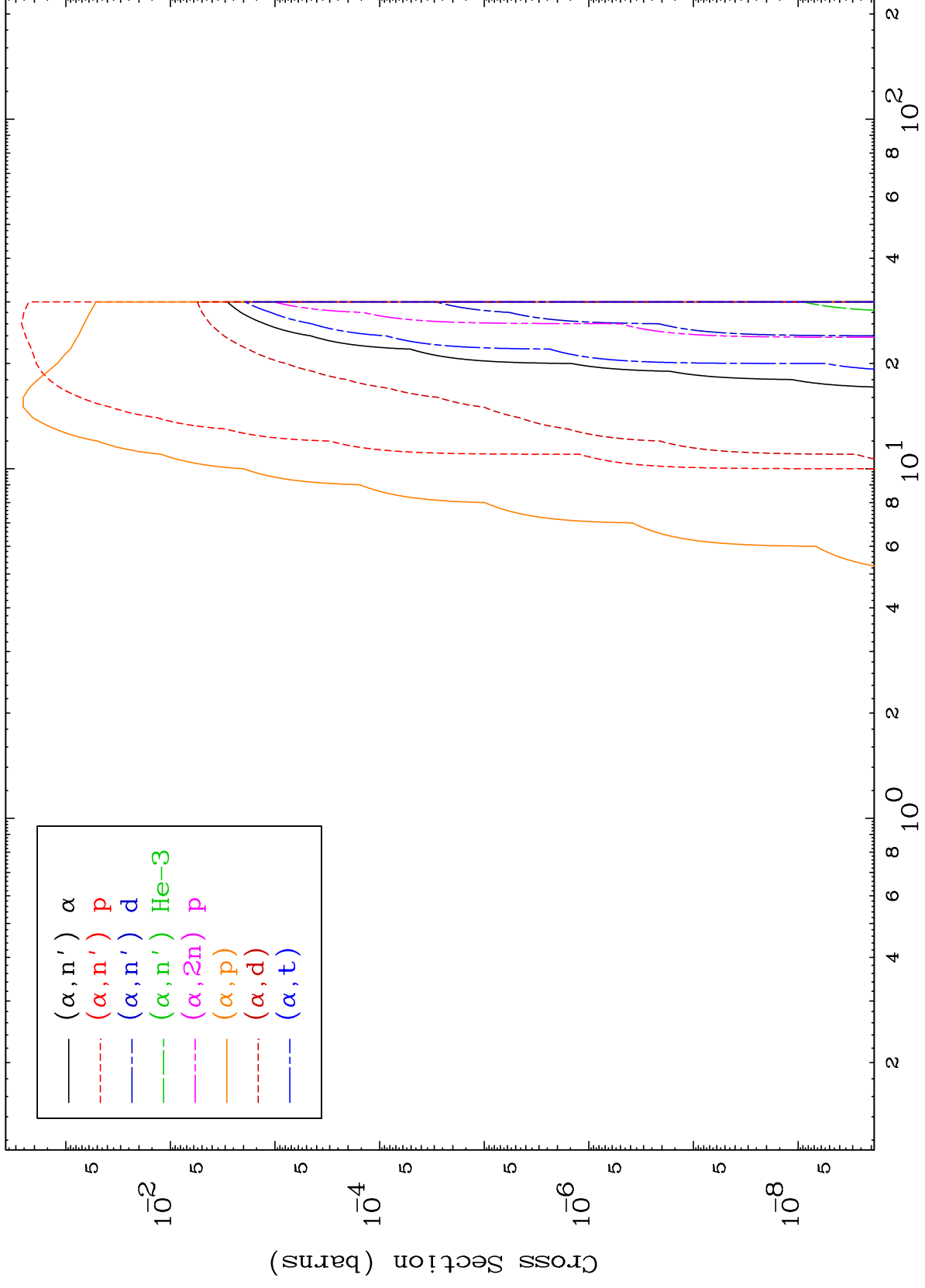
α Neutron Production
0 Kelvin Cross Sections

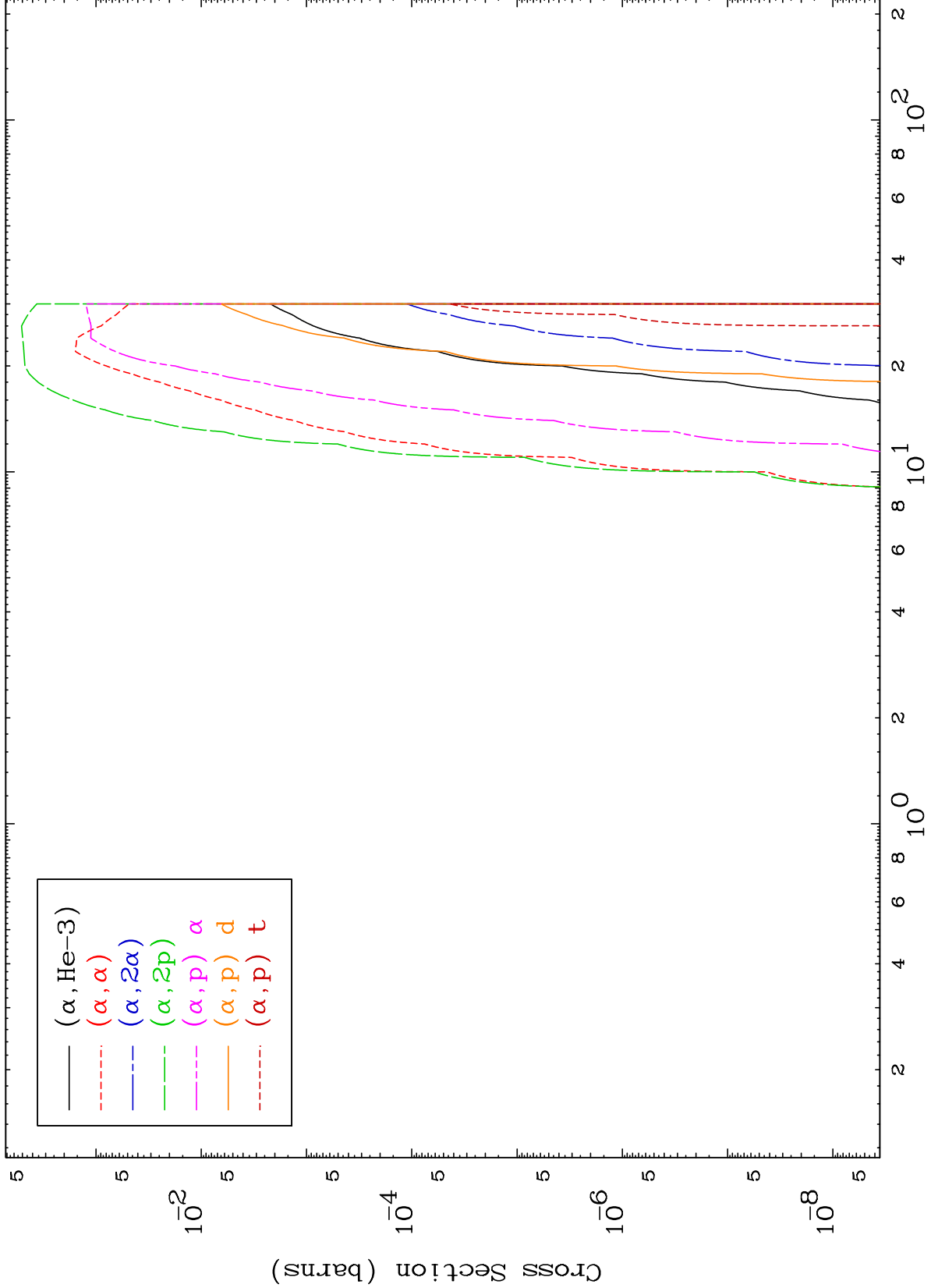
41-Nb-86



Incident Energy (MeV)

41-Nb-86



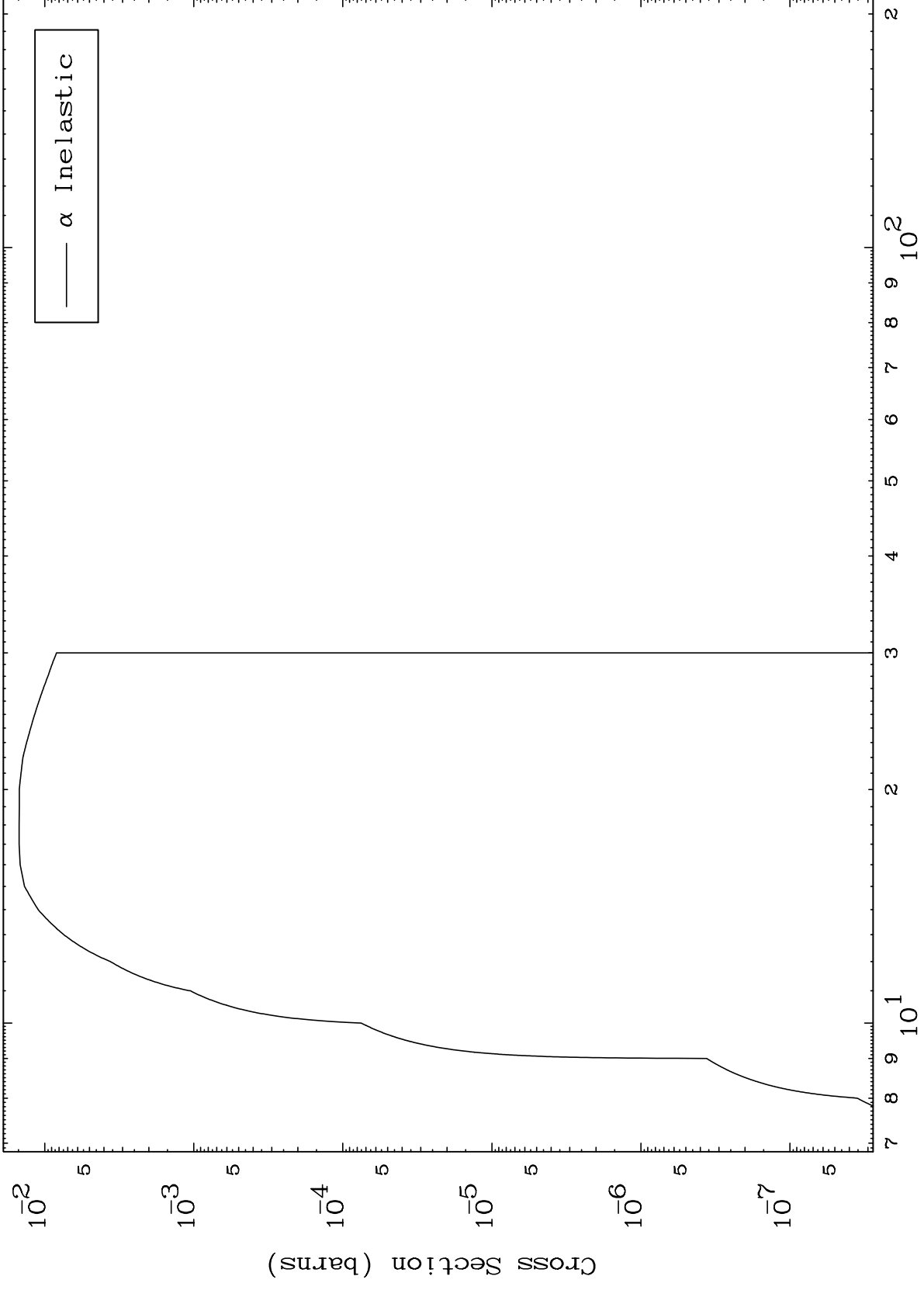


MAT 4105

(α, n') Level

41-Nb-86

0 Kelvin Cross Sections



5

Incident Energy (MeV)

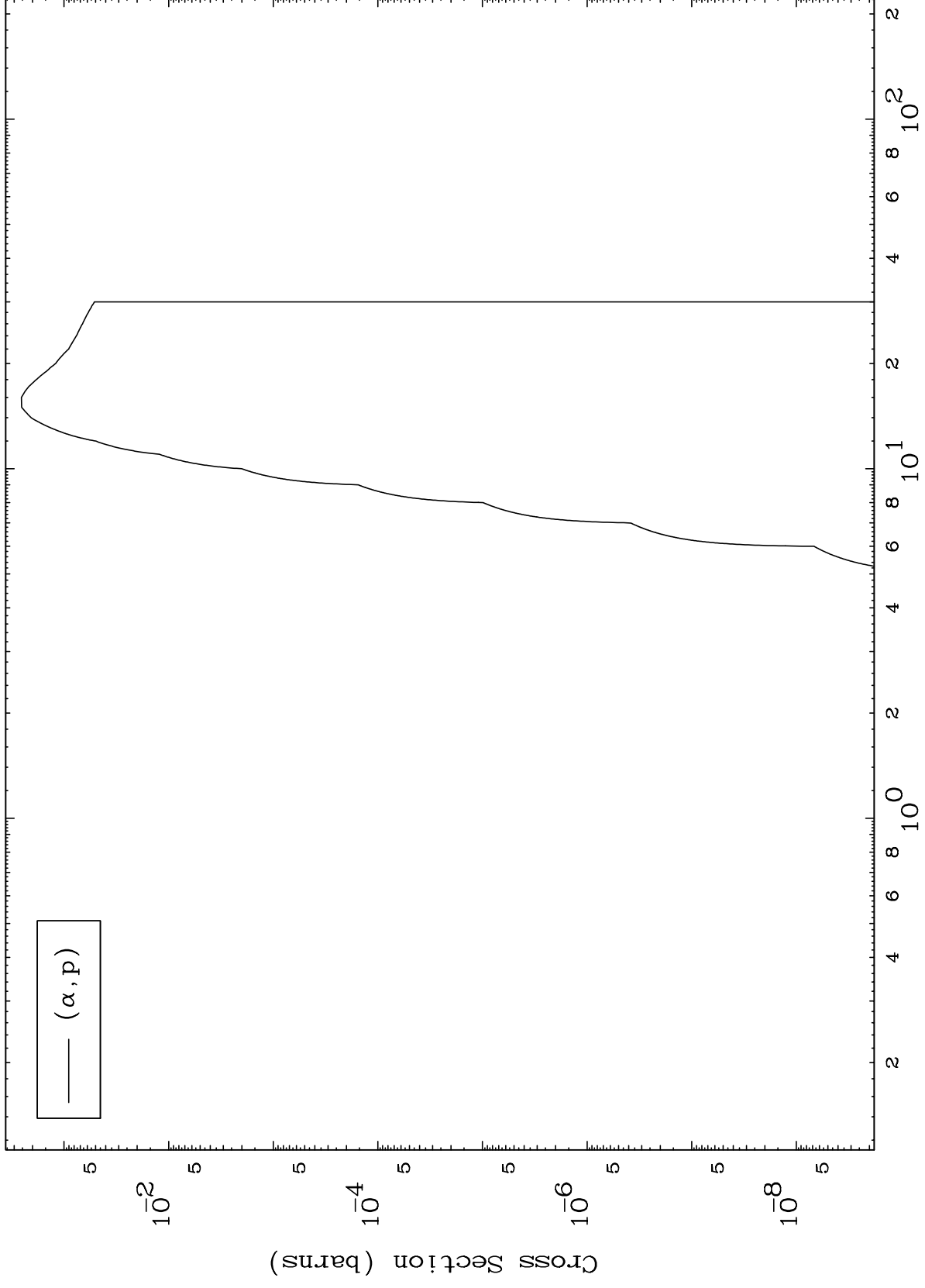
41-Nb-86

MAT 4105

(α, p) Levels

41-Nb-86

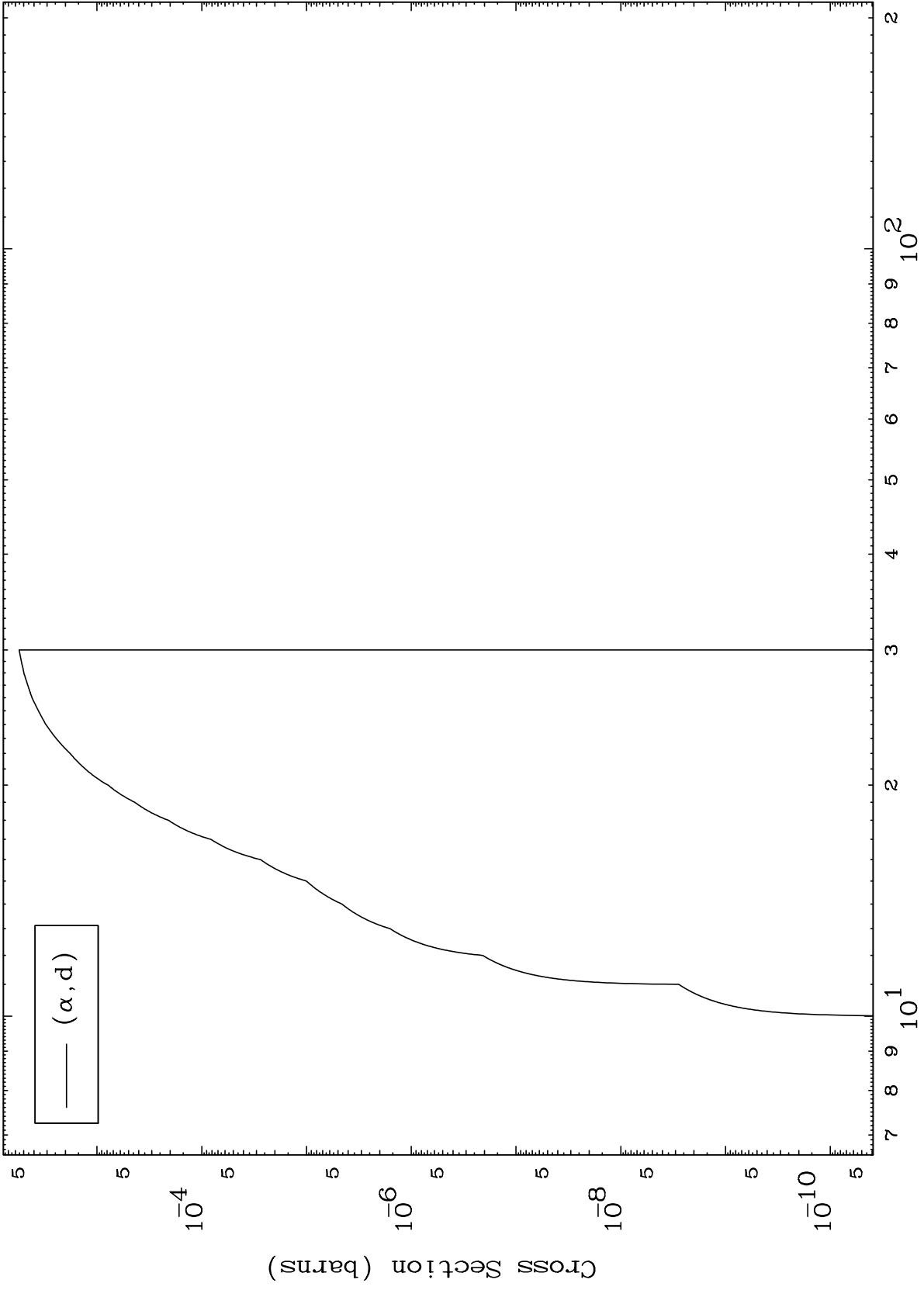
0 Kelvin Cross Sections



MAT 4105

(α, d) Levels
0 Kelvin Cross Sections

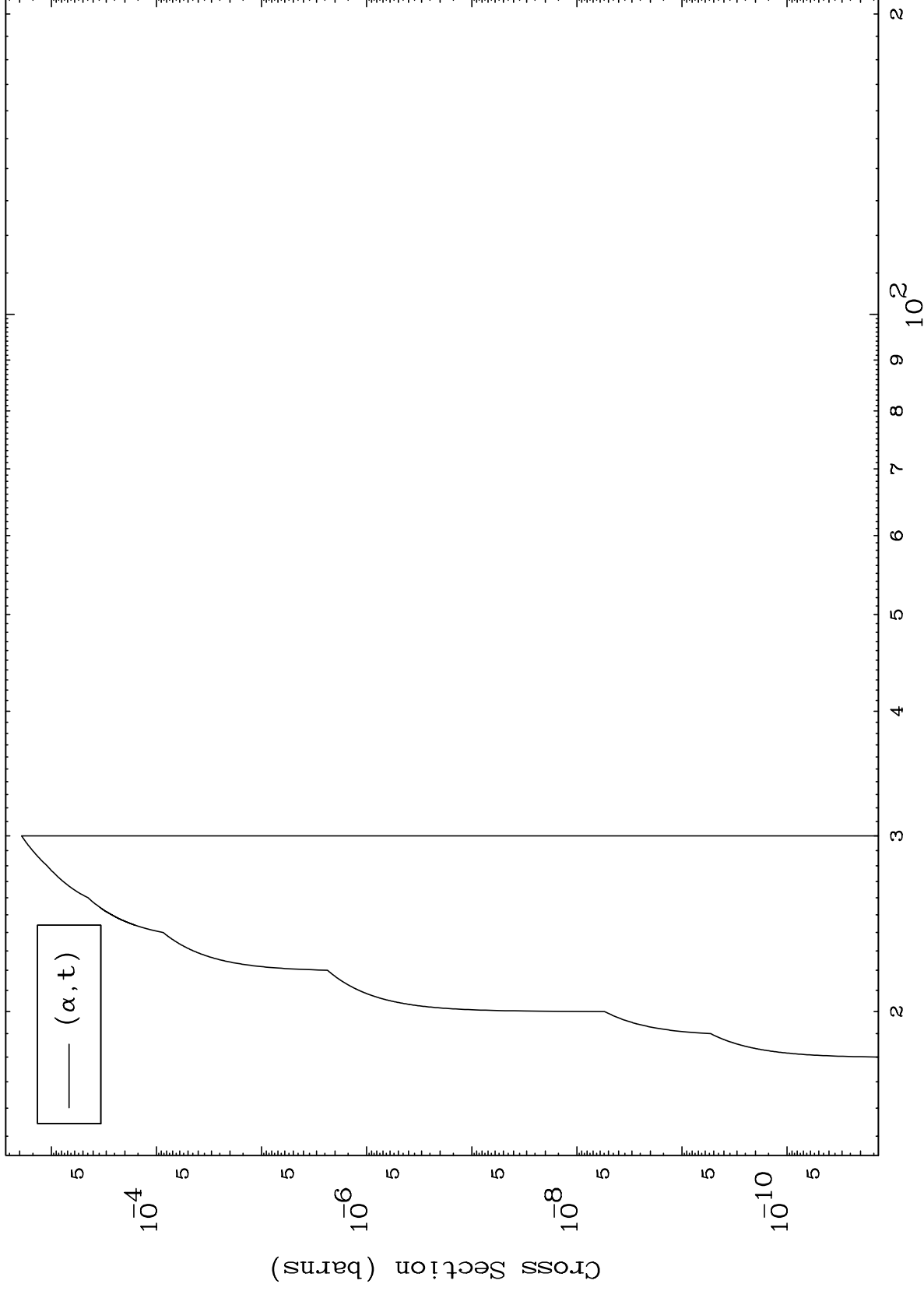
41-Nb-86



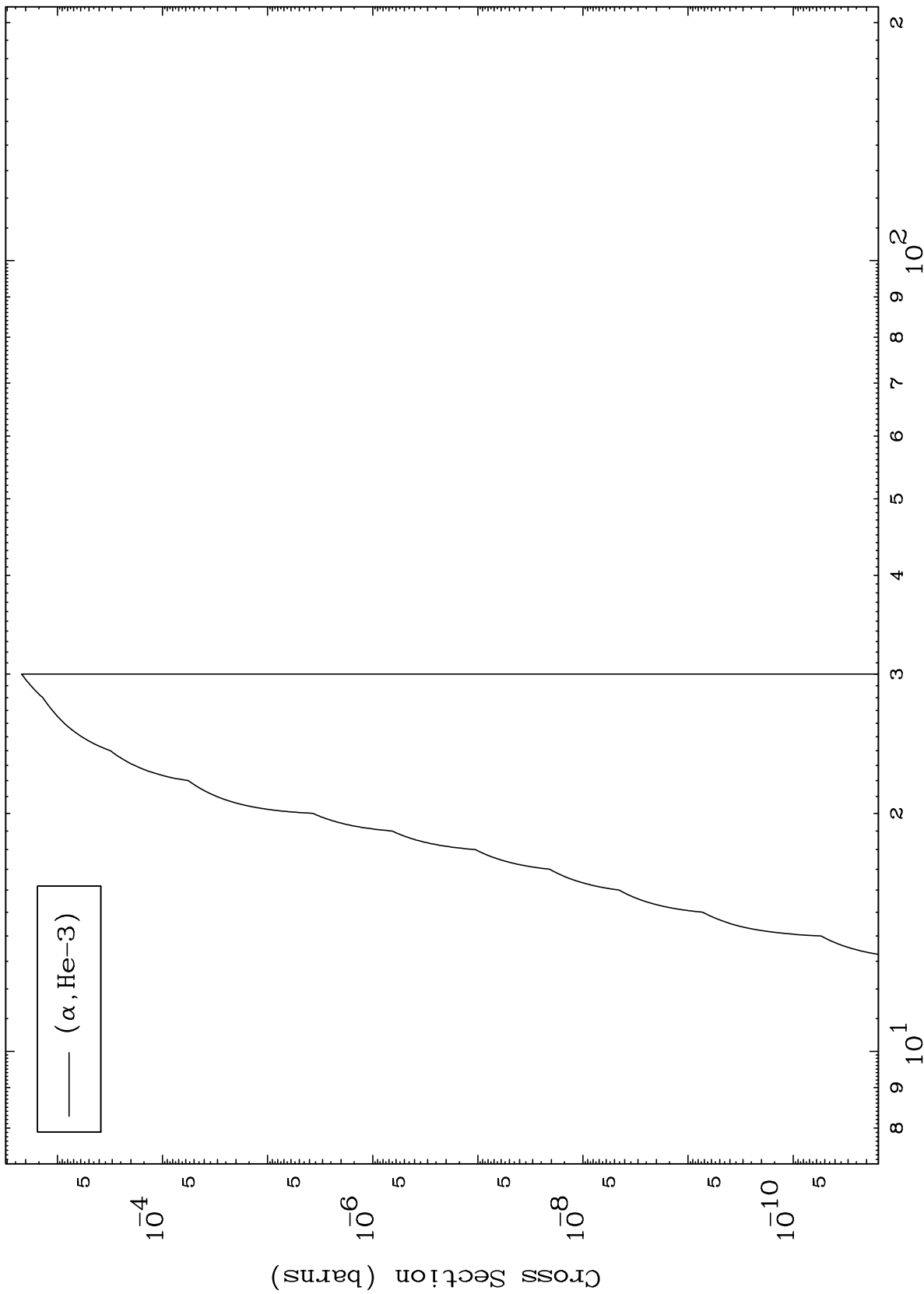
7

Incident Energy (MeV)

41-Nb-86



($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

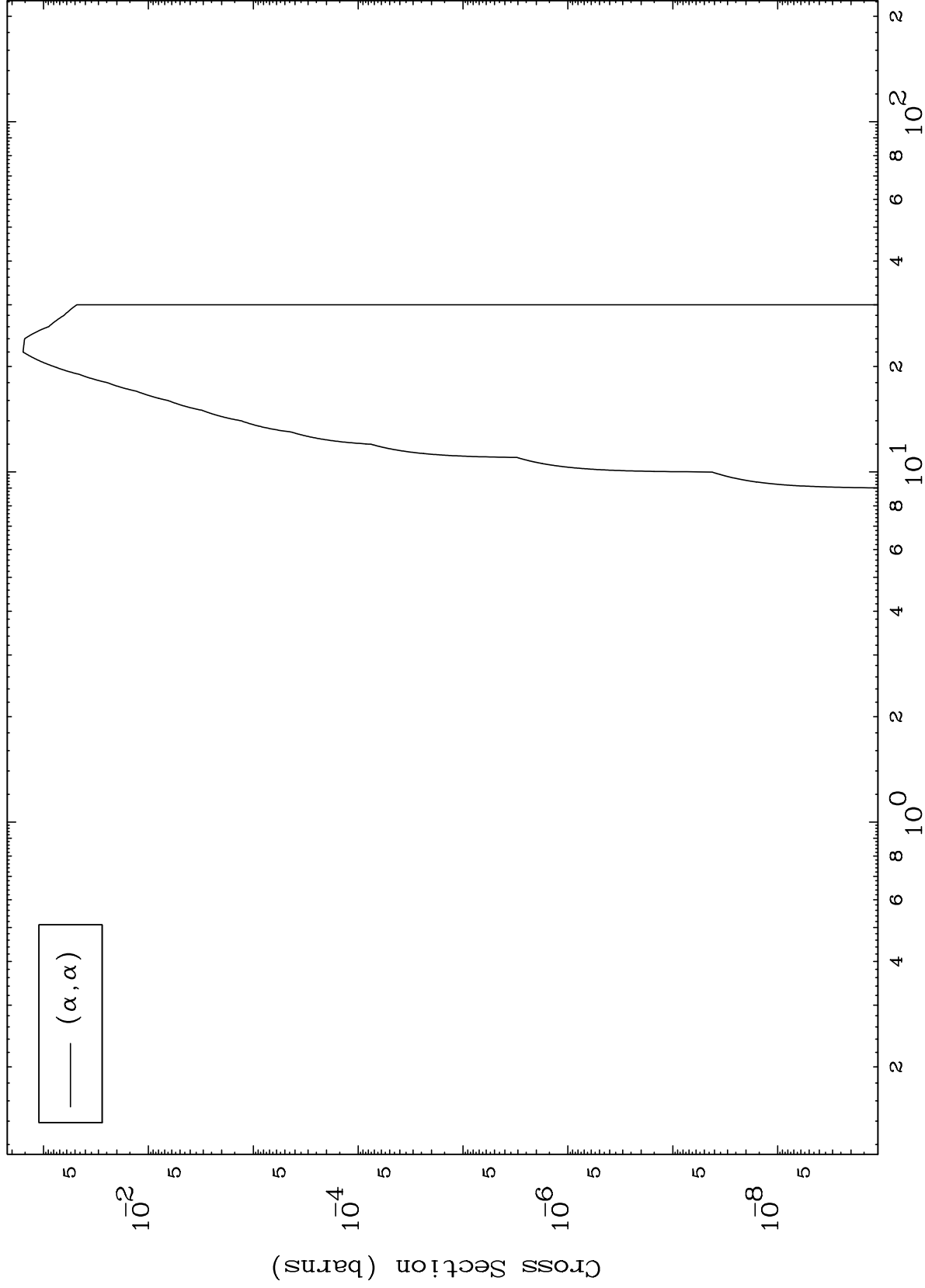


MAT 4105

(α, α) Levels

41-Nb-86

0 Kelvin Cross Sections

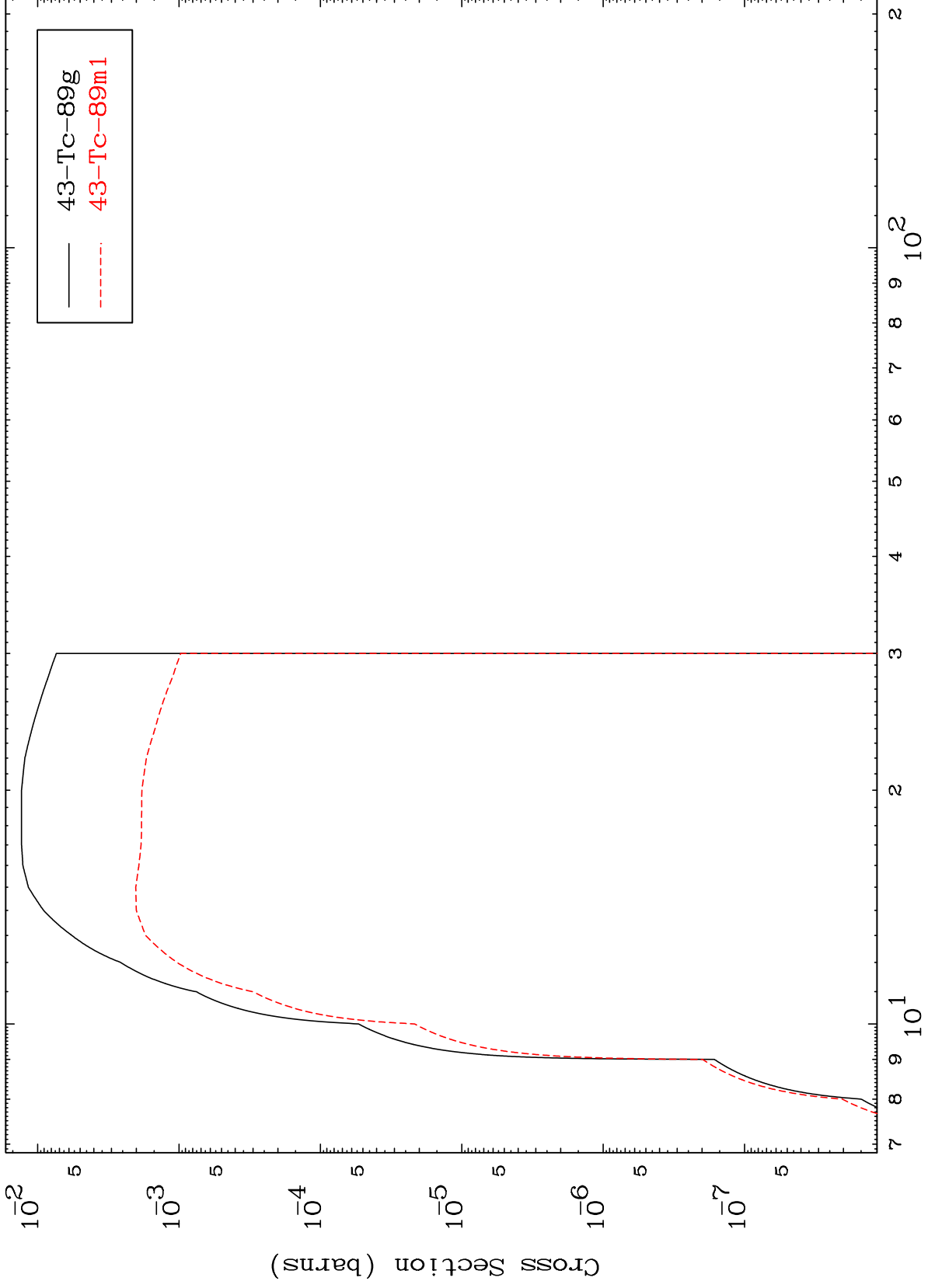


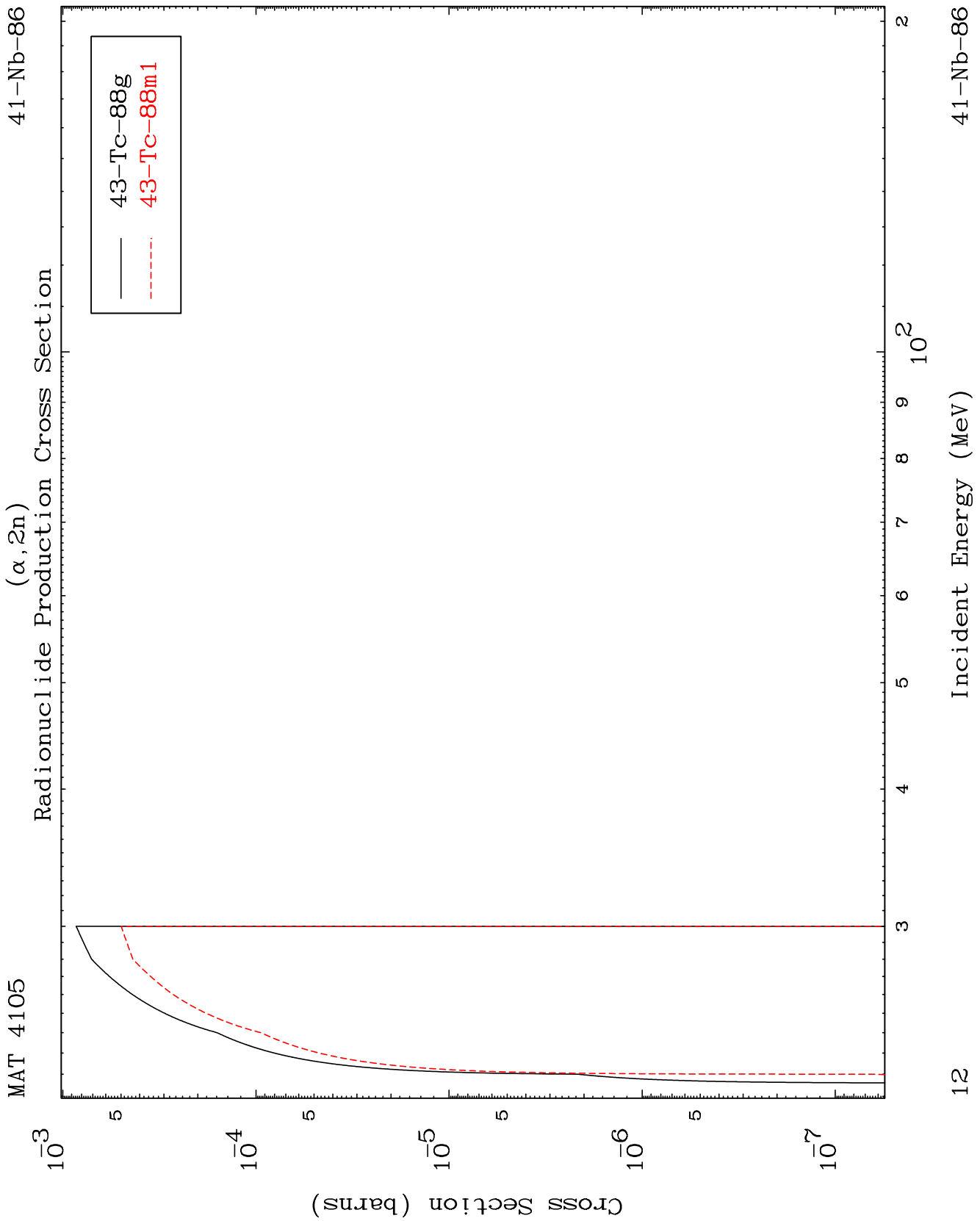
10

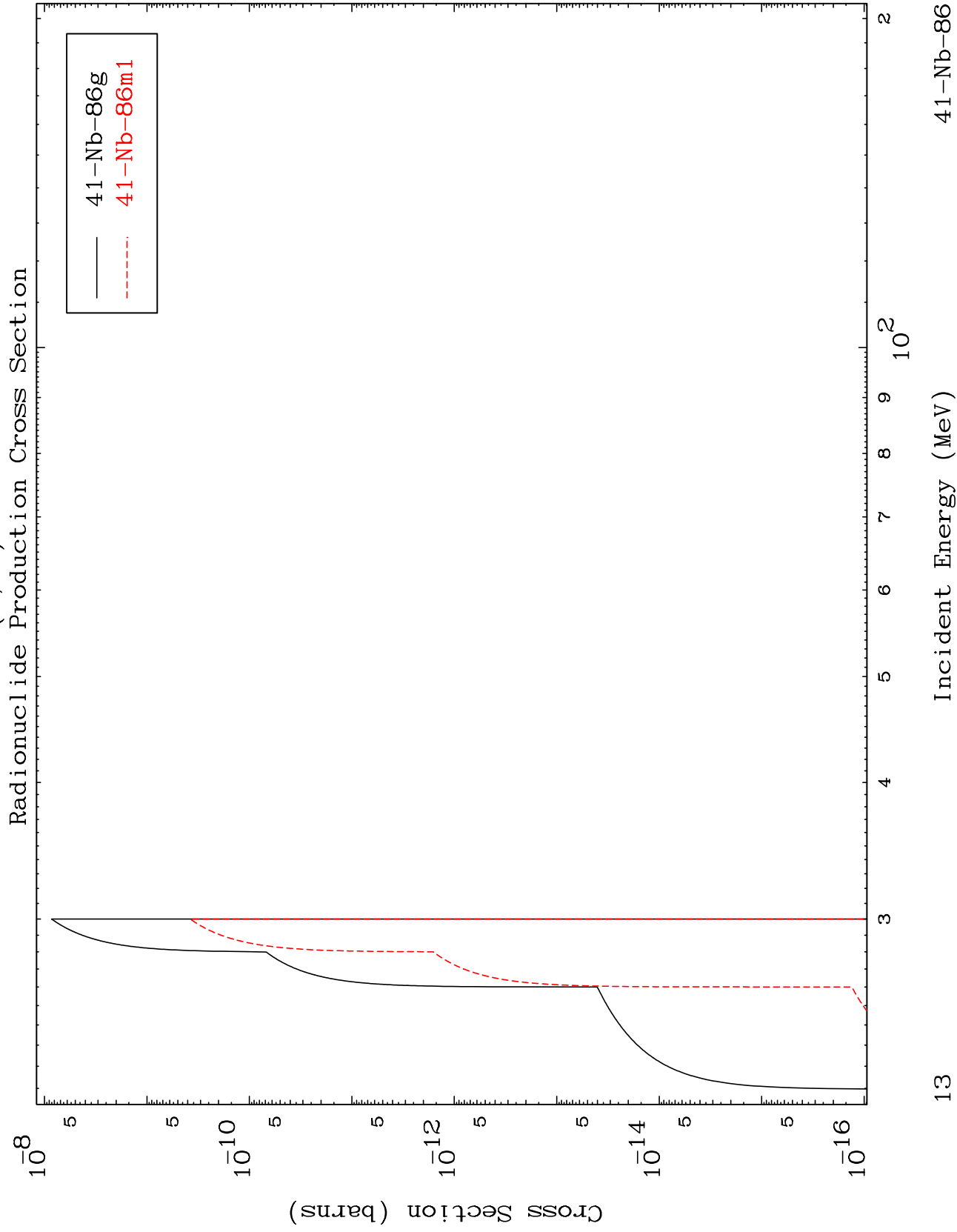
Incident Energy (MeV)

41-Nb-86

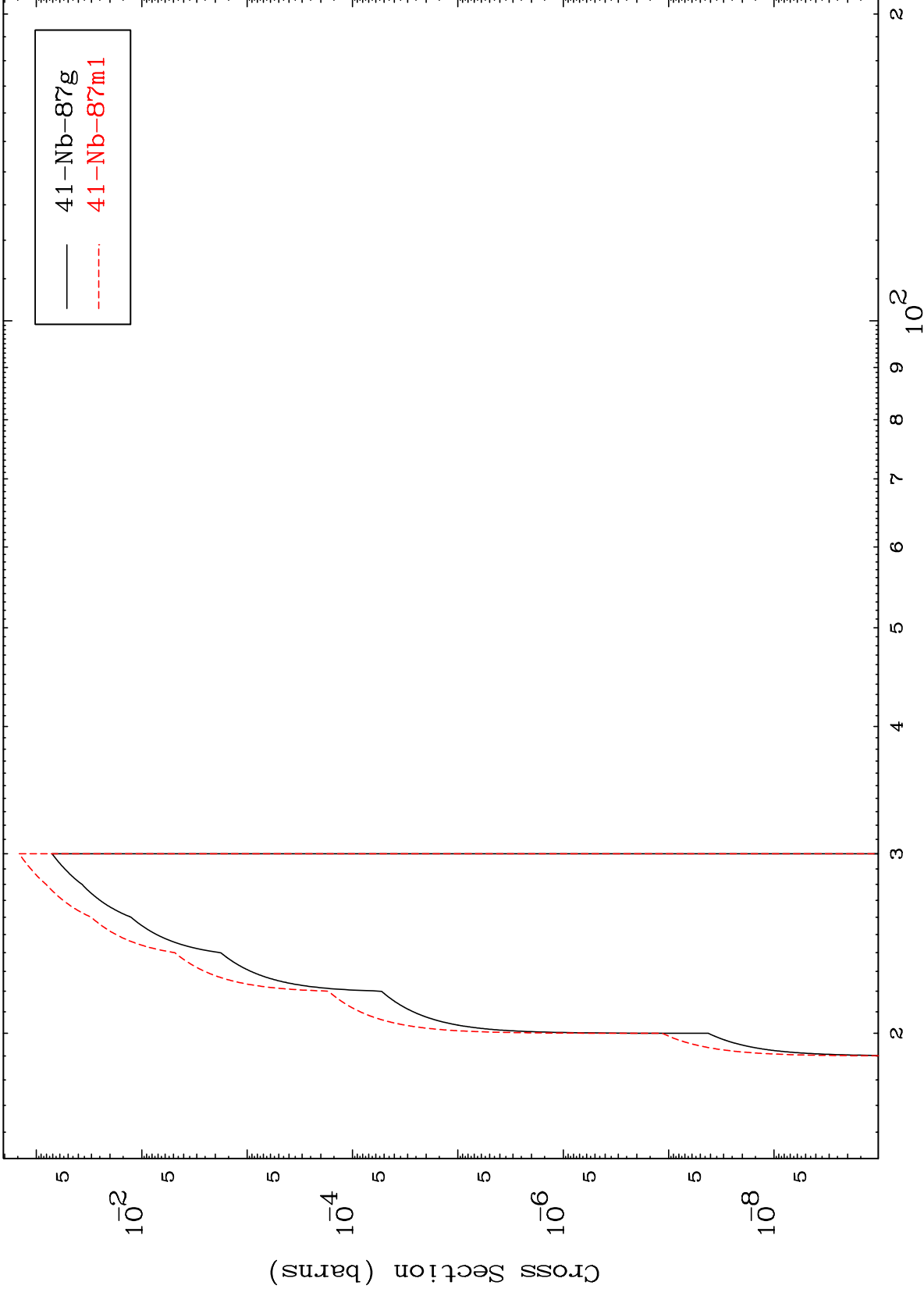
Radionuclide Production Cross Section







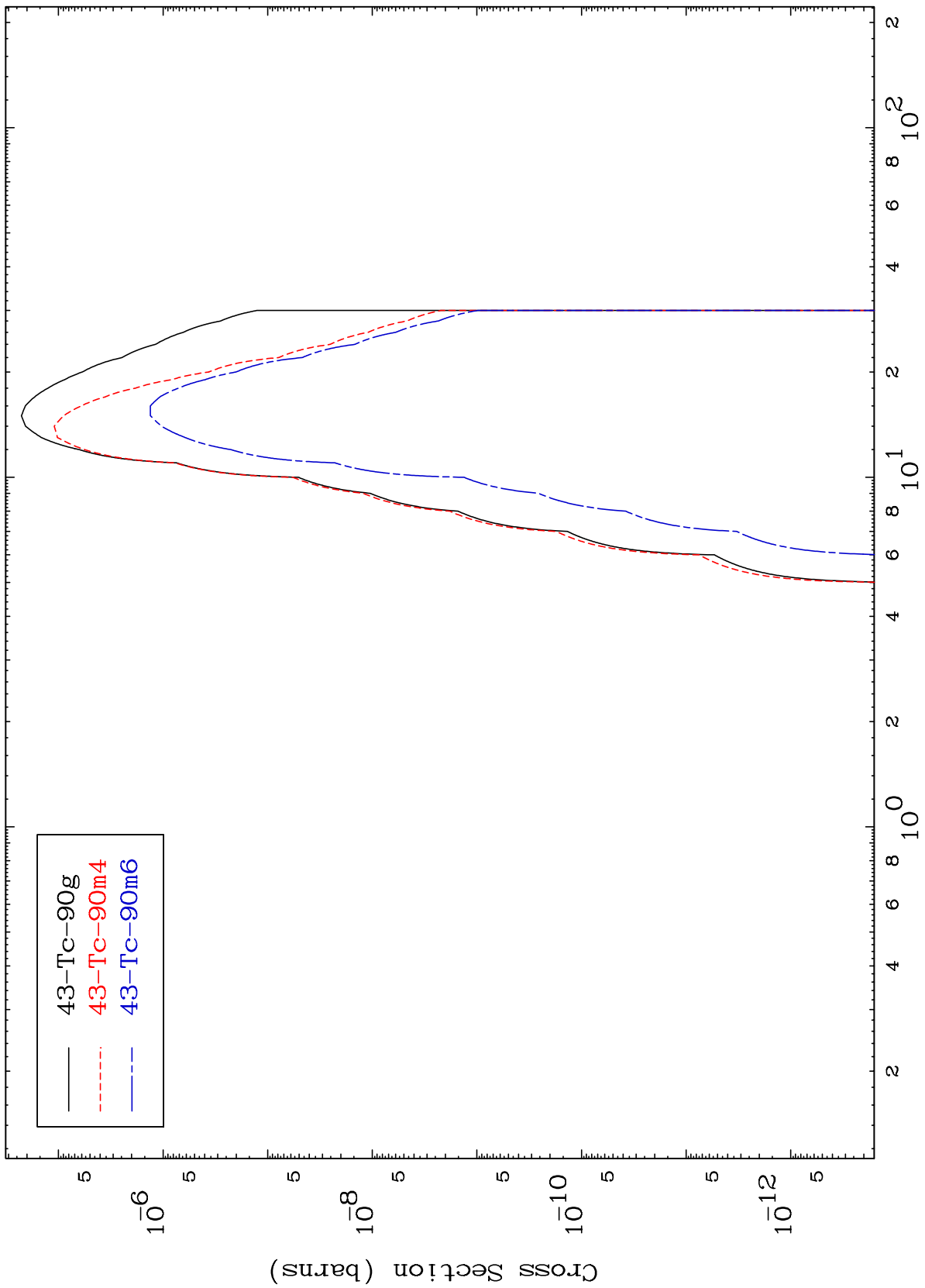
Radionuclide Production Cross Section



MAT 4105

41-Nb-86

(α, γ)
Radionuclide Production Cross Section



— 43-Tc-90g
- - 43-Tc-90m4
- - 43-Tc-90m6

15

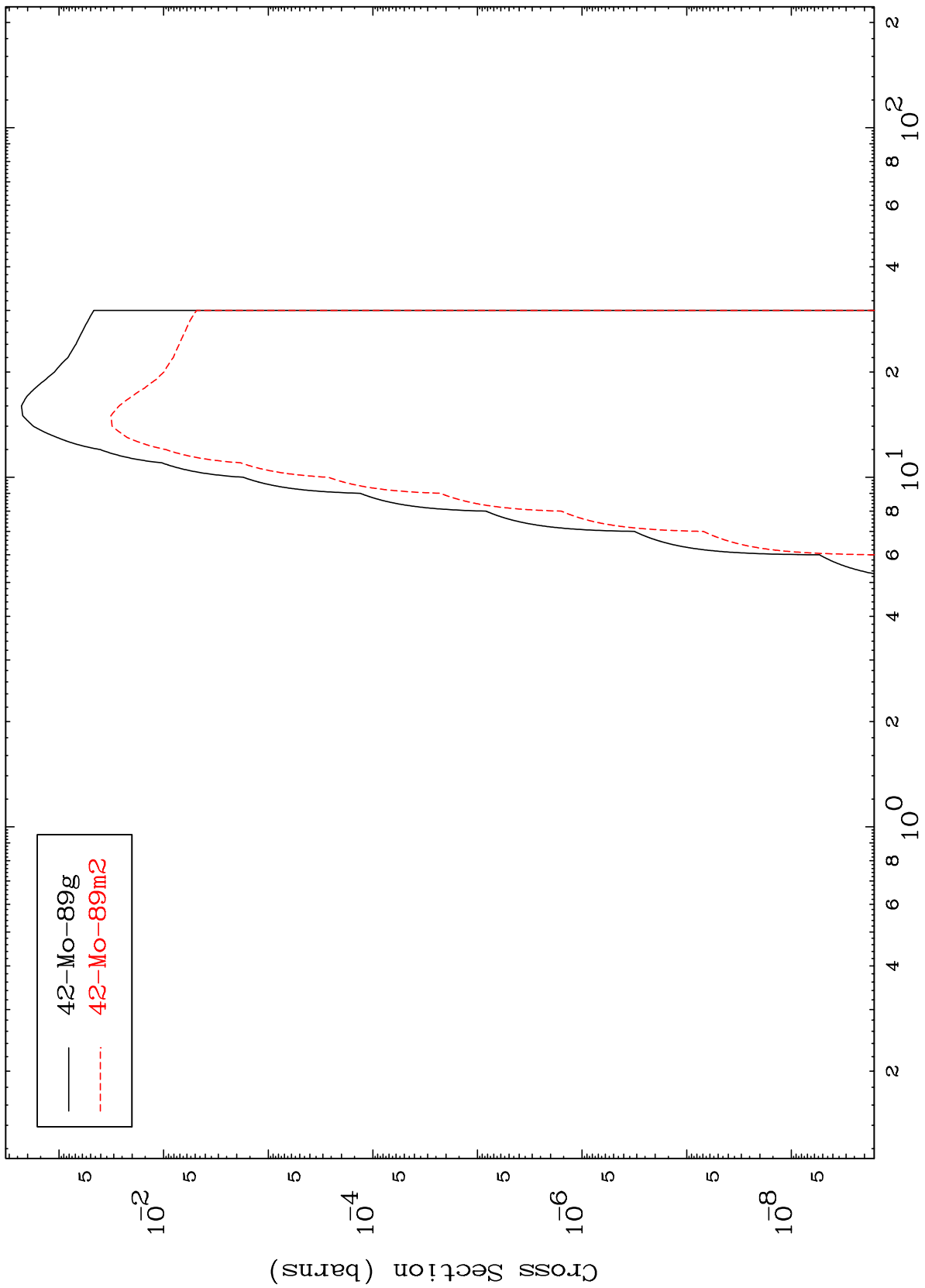
Incident Energy (MeV)

41-Nb-86

MAT 4105

41-Nb-86

Radionuclide Production Cross Section
(α, p)



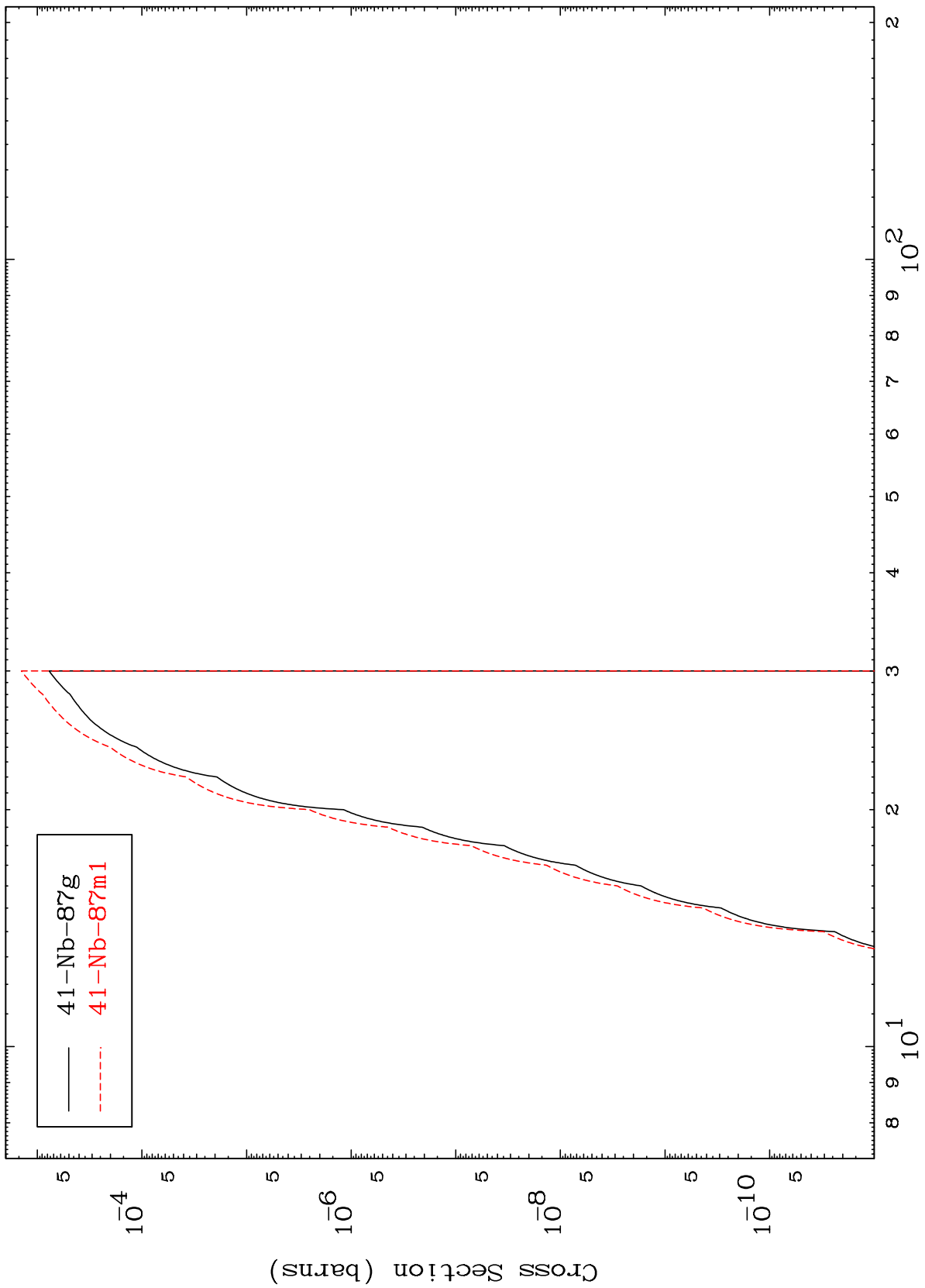
16

41-Nb-86

MAT 4105

41-Nb-86

(α ,He-3)
Radionuclide Production Cross Section



41-Nb-87g
41-Nb-87m1

41-Nb-86

Incident Energy (MeV)

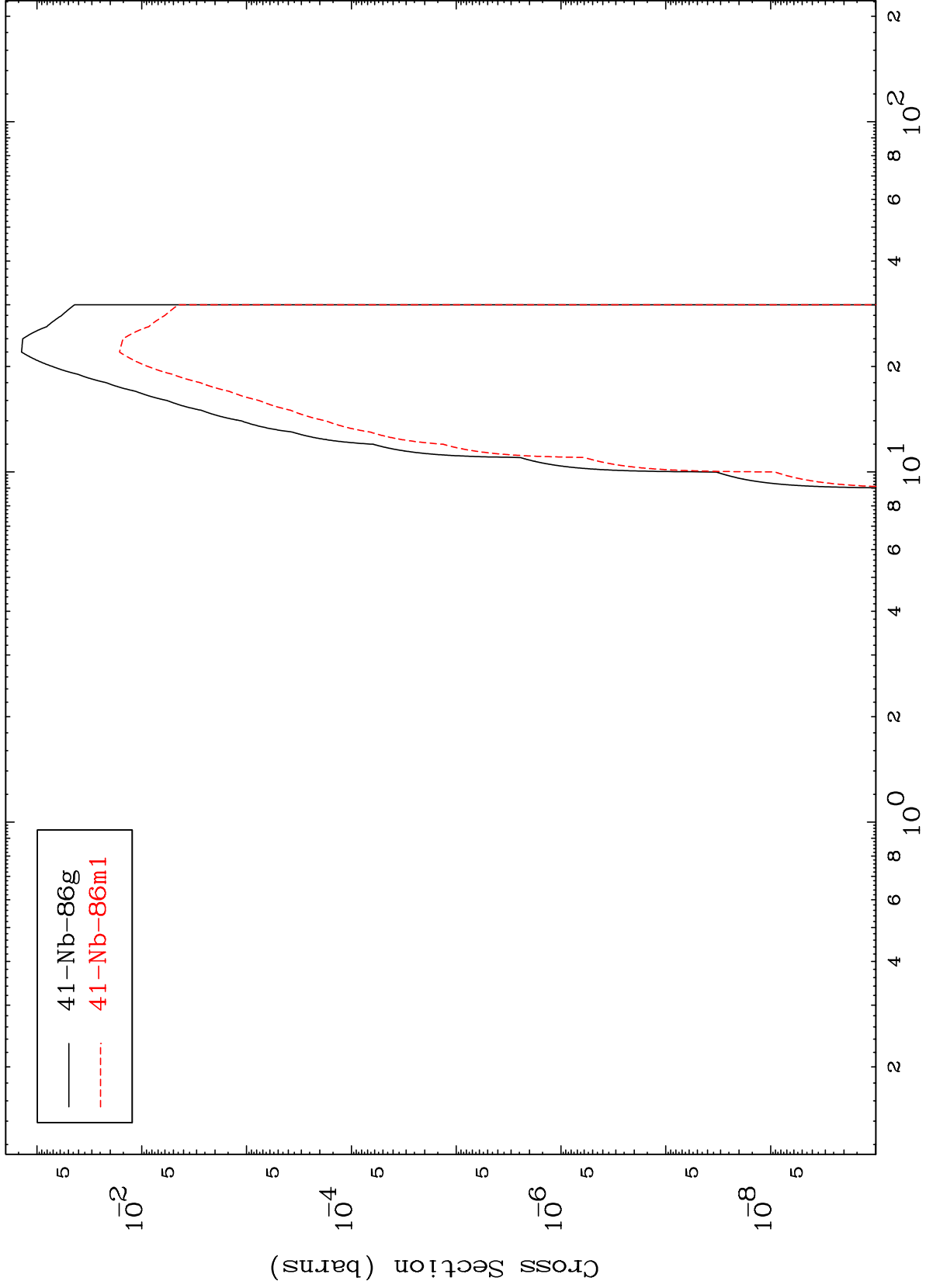
17

MAT 4105

(α, α)

41-Nb-86

Radionuclide Production Cross Section



18

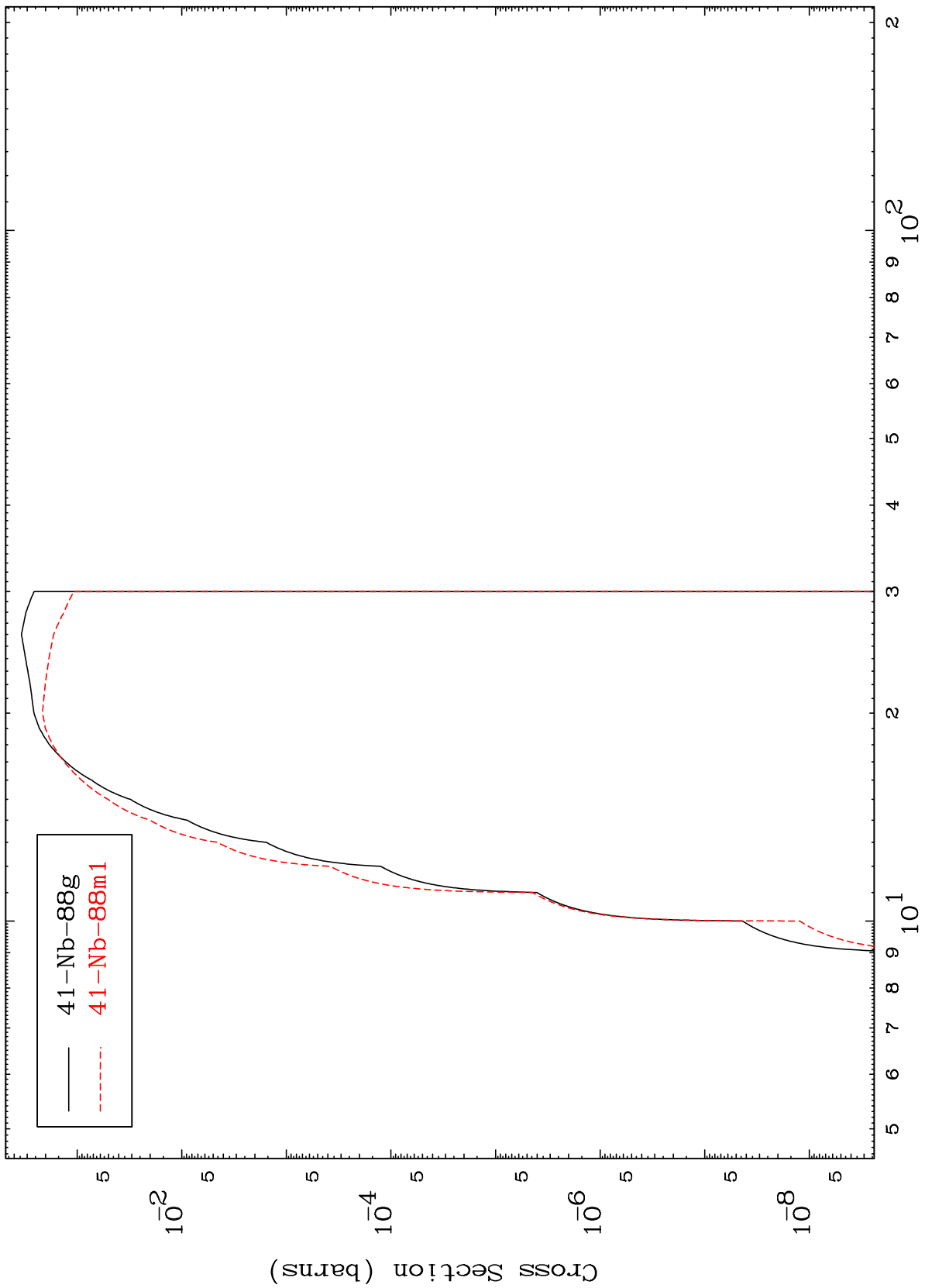
Incident Energy (MeV)

41-Nb-86

MAT 4105

41-Nb-86

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



19

Incident Energy (MeV)

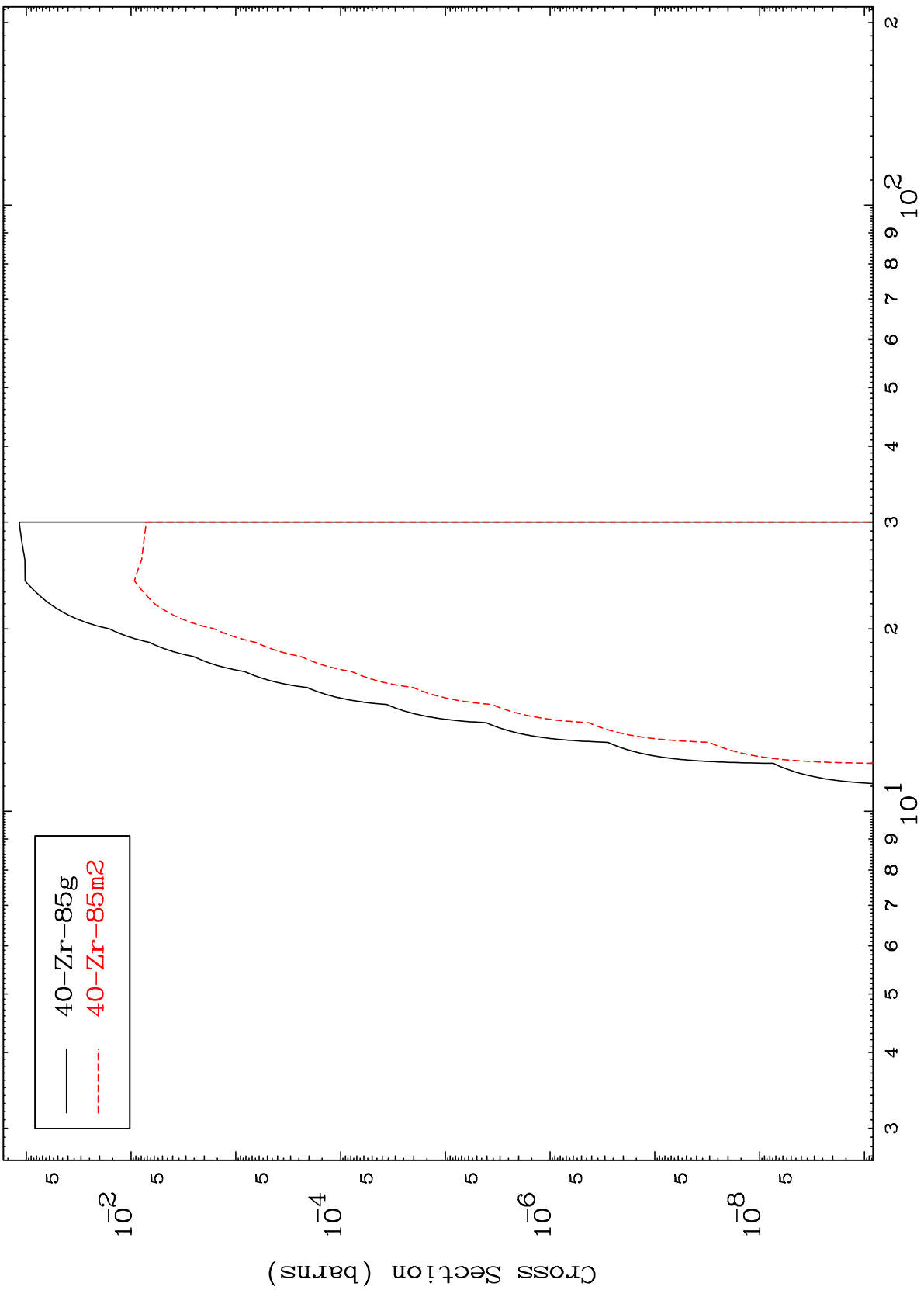
41-Nb-86

MAT 4105

(α, p) α

41-Nb-86

Radionuclide Production Cross Section



20

Incident Energy (MeV)

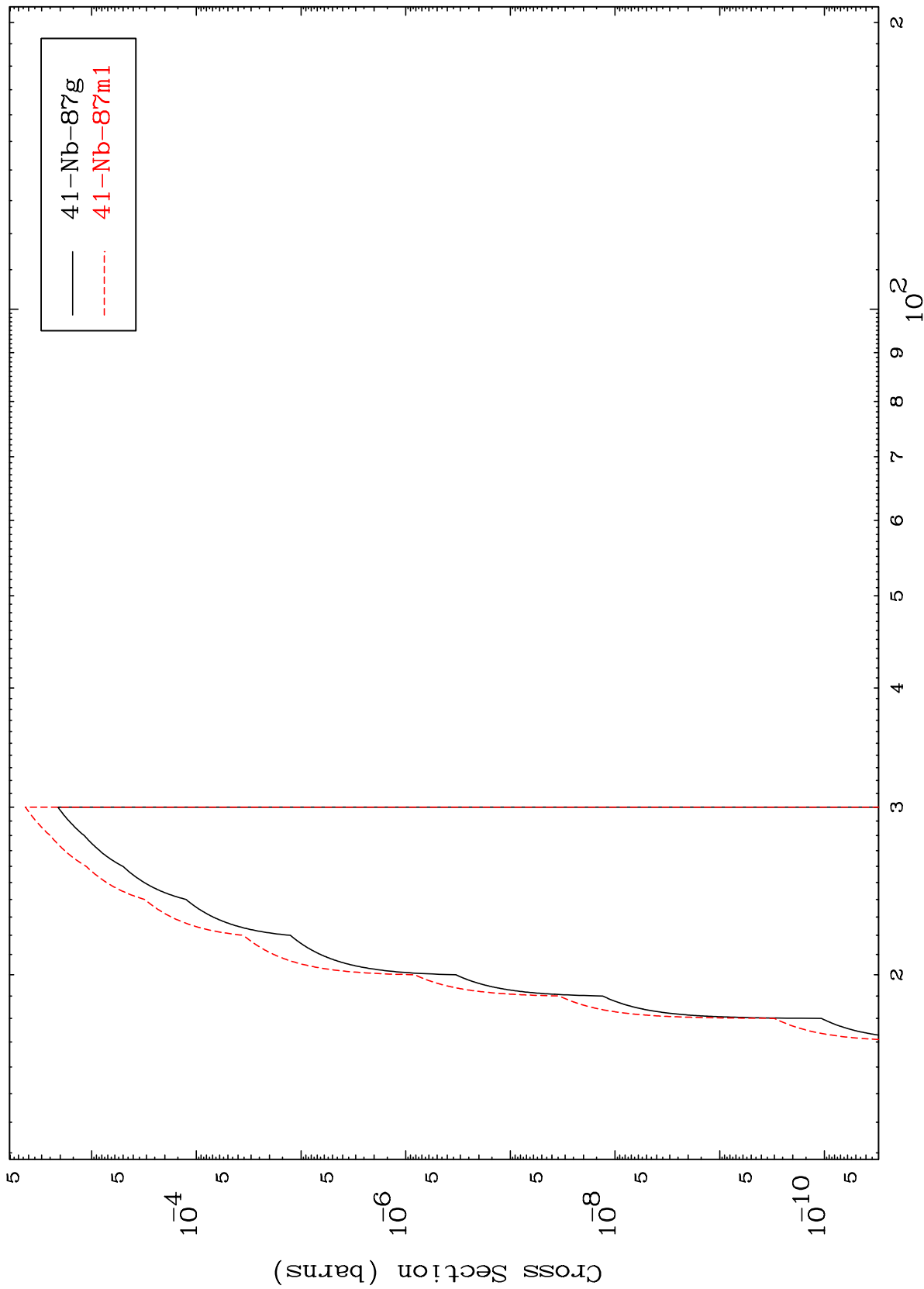
41-Nb-86

MAT 4105

(α, p) d

41-Nb-86

Radionuclide Production Cross Section



21

Incident Energy (MeV)

41-Nb-86

Radionuclide Production Cross Section

