

Program EVALPLOT
(Version 2018-1)

by

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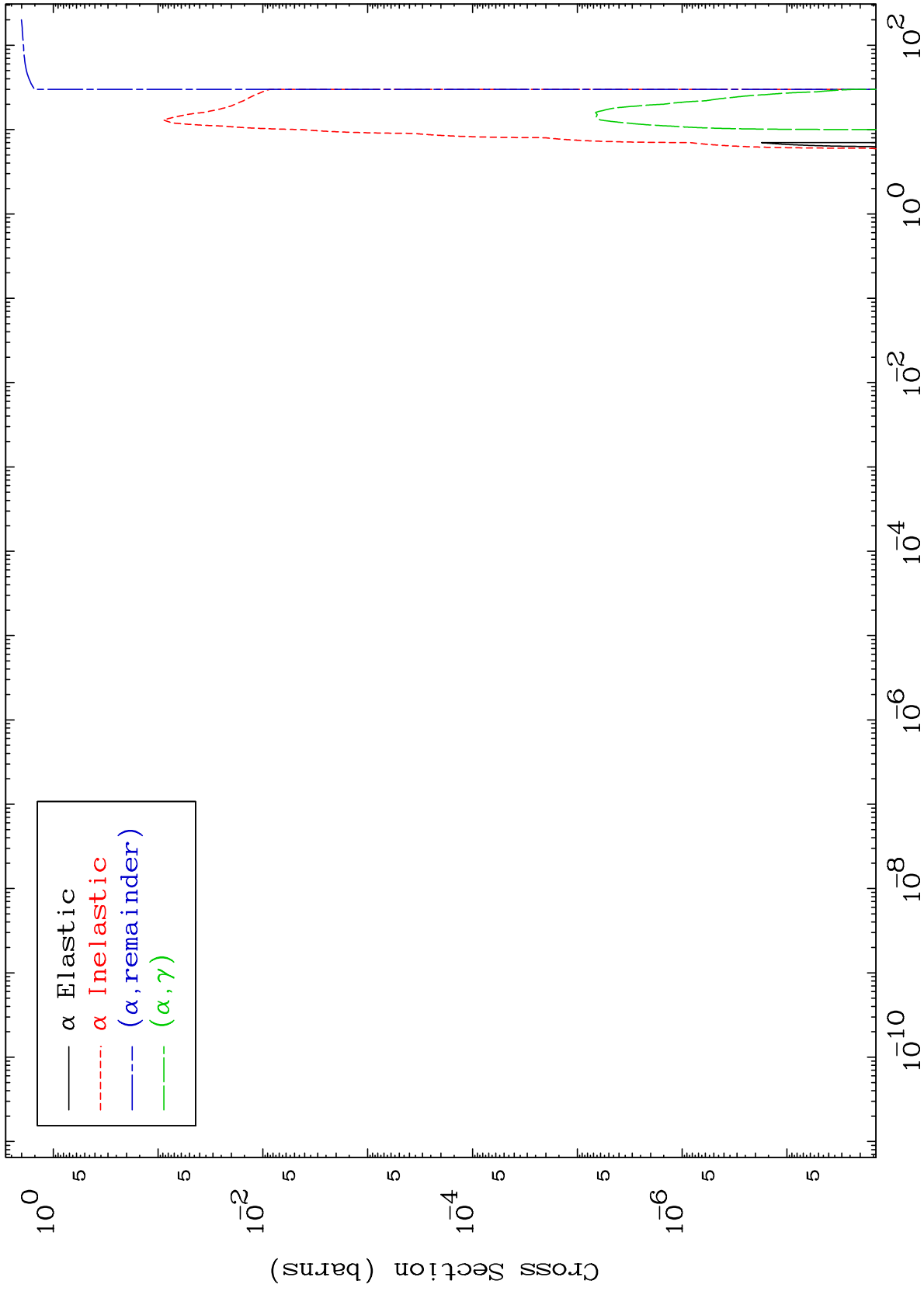
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4140

0 Kelvin α Major
Cross Sections

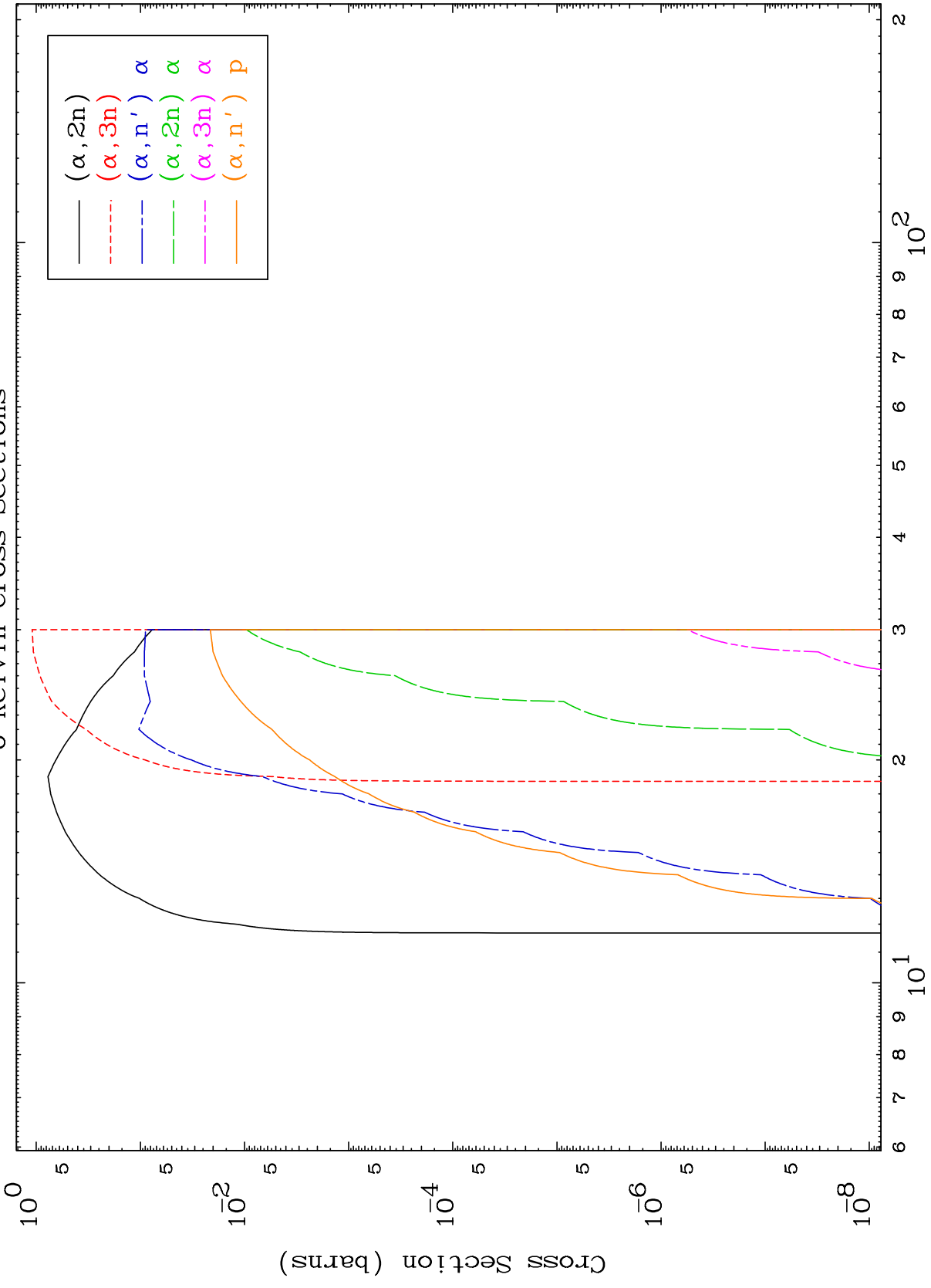
41-Nb-98



MAT 4140

α Neutron Production
0 Kelvin Cross Sections

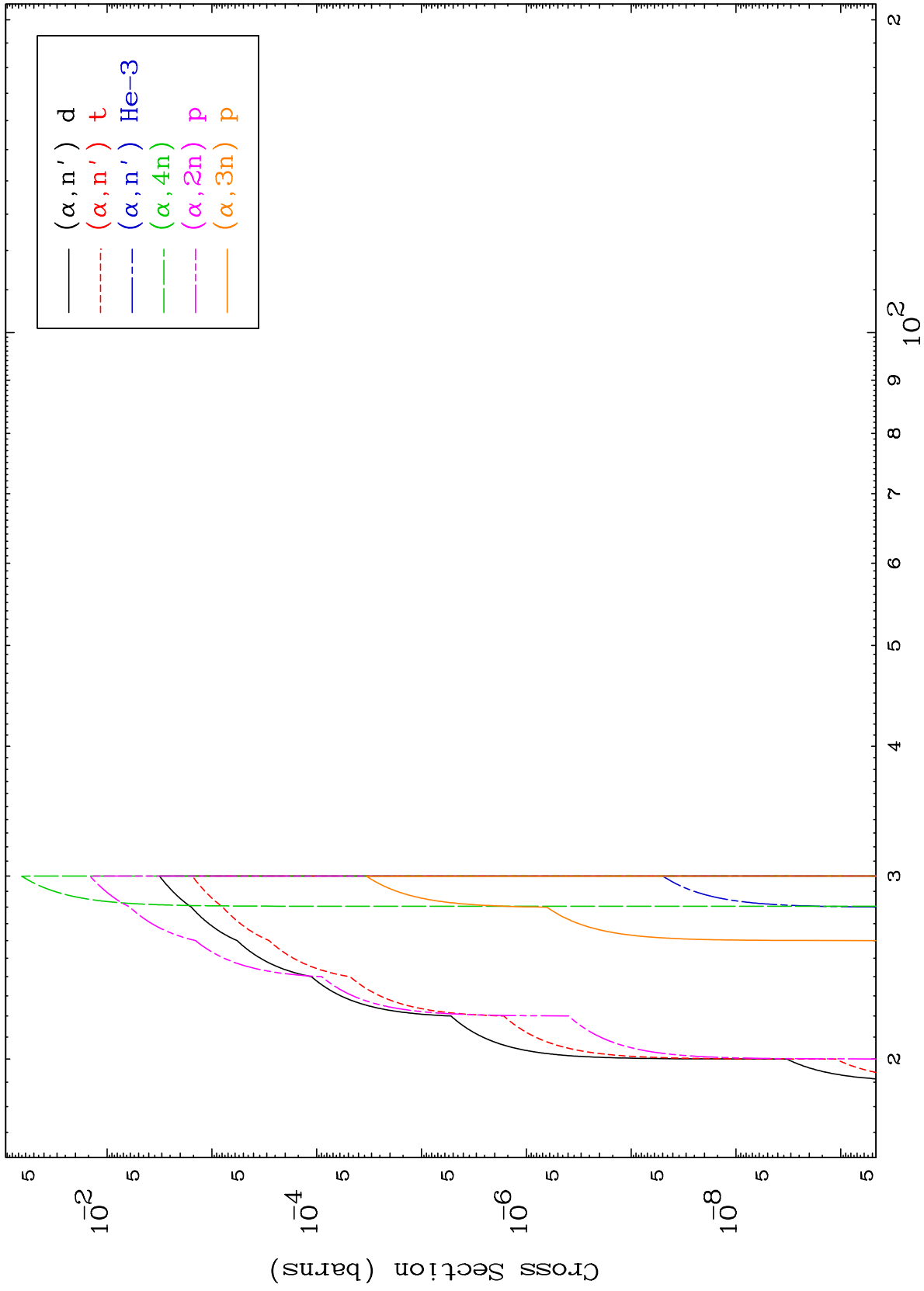
41-Nb-98

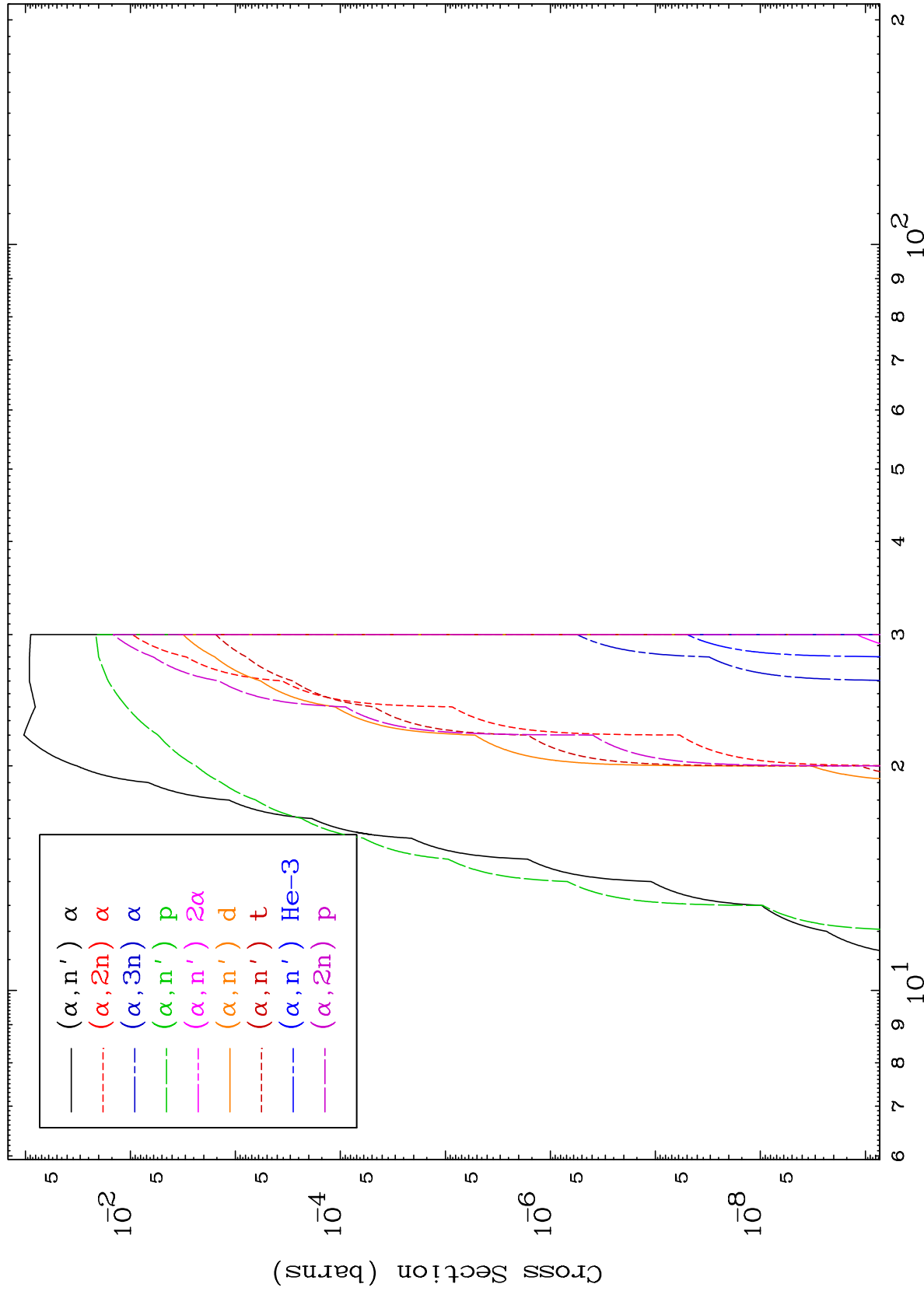


2

Incident Energy (MeV)

41-Nb-98

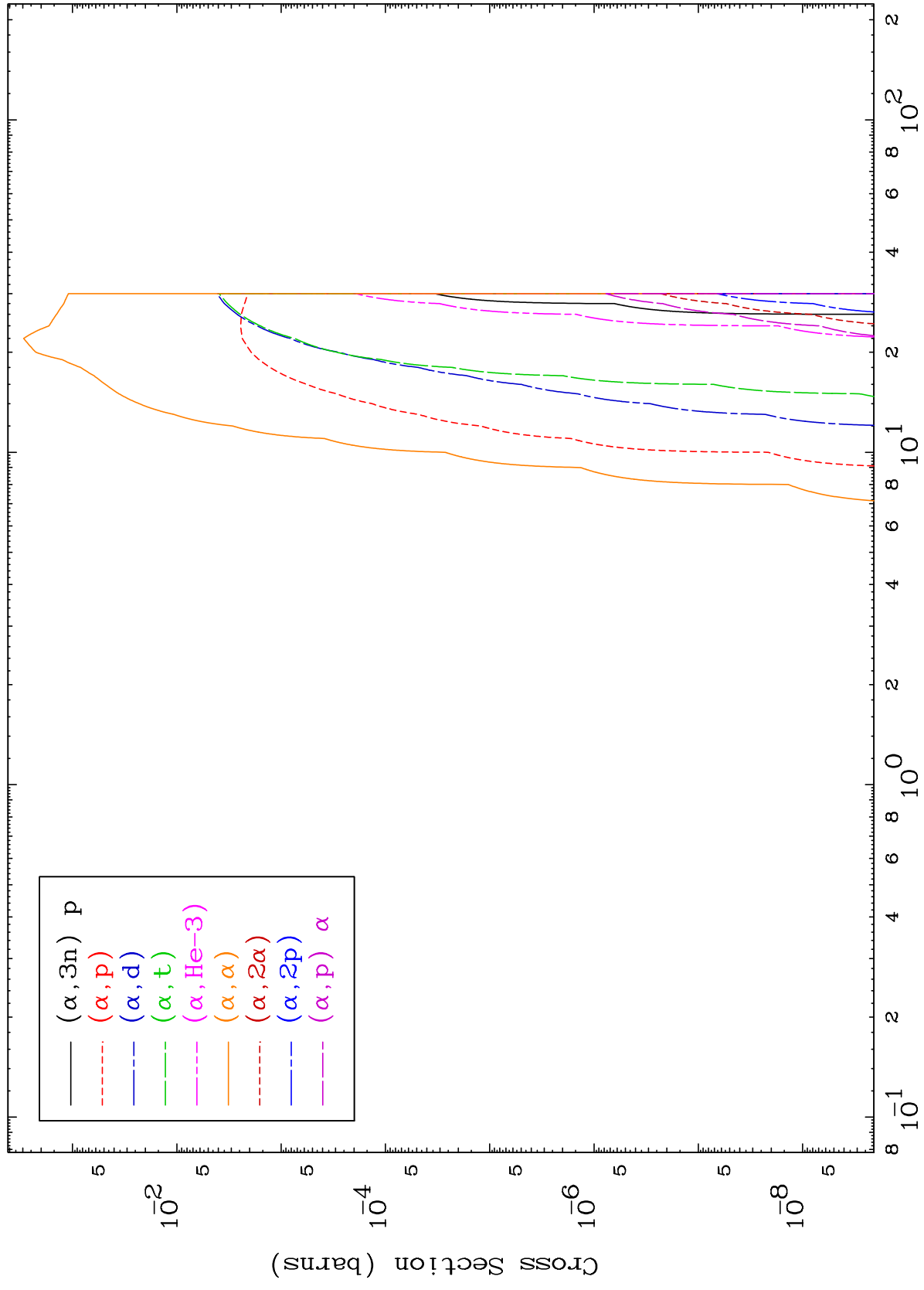




MAT 4140

α Charged Particle
0 Kelvin Cross Sections

41-Nb-98



41-Nb-98

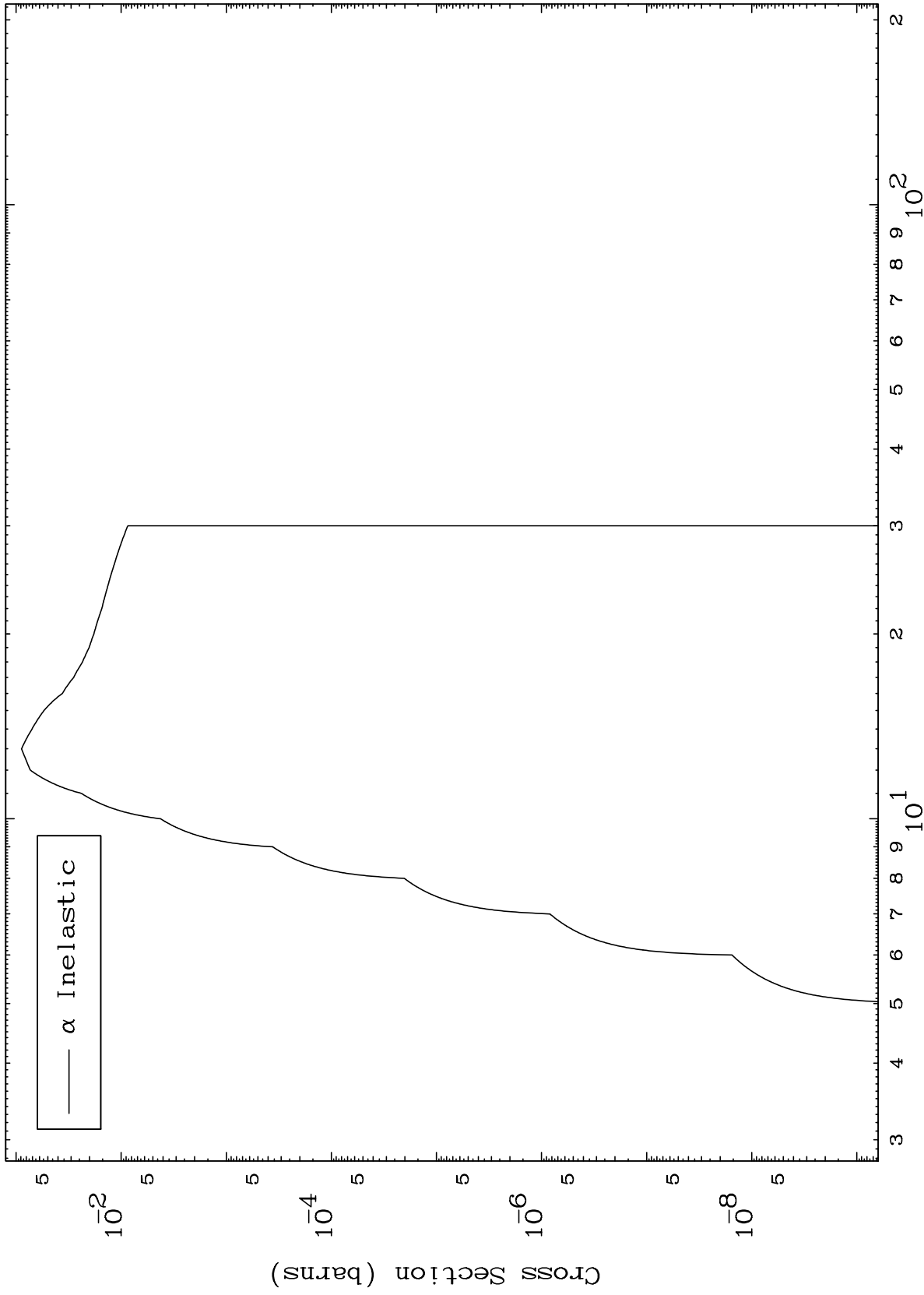
Incident Energy (MeV)

5

MAT 4140

(α, n') Level
0 Kelvin Cross Sections

41-Nb-98



6

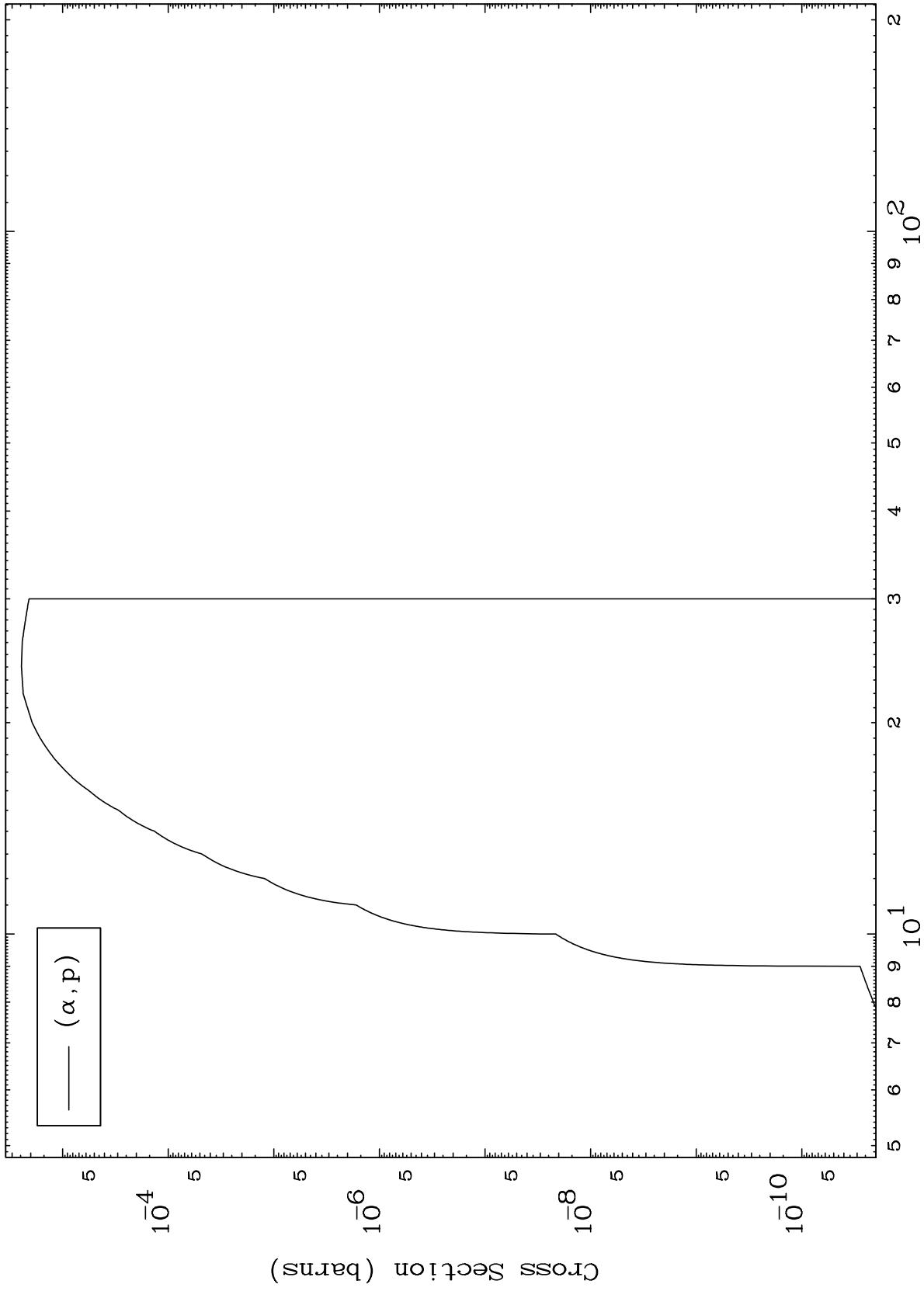
Incident Energy (MeV)

41-Nb-98

MAT 4140

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-98



7

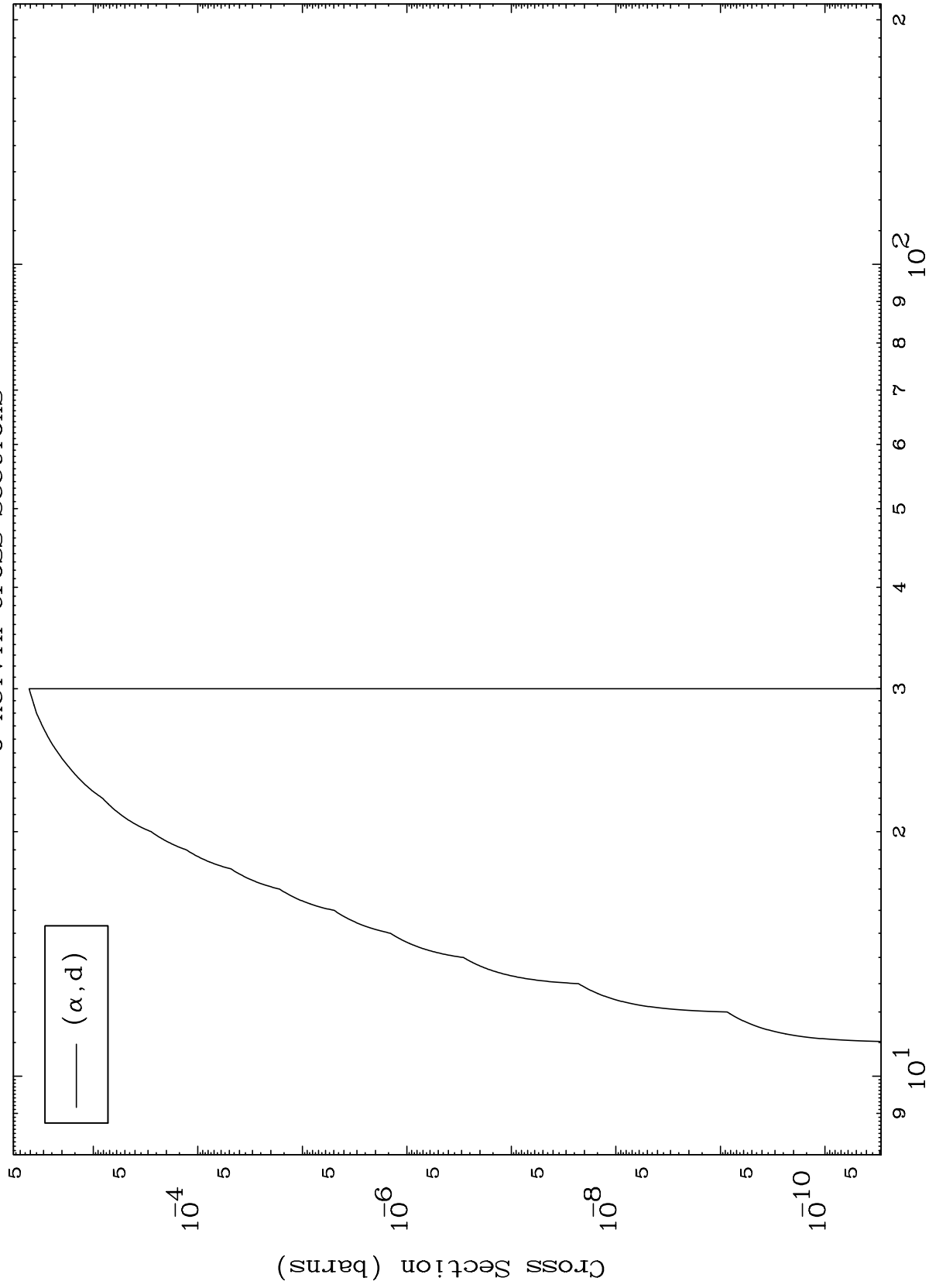
Incident Energy (MeV)

41-Nb-98

MAT 4140

(α, d) Levels
0 Kelvin Cross Sections

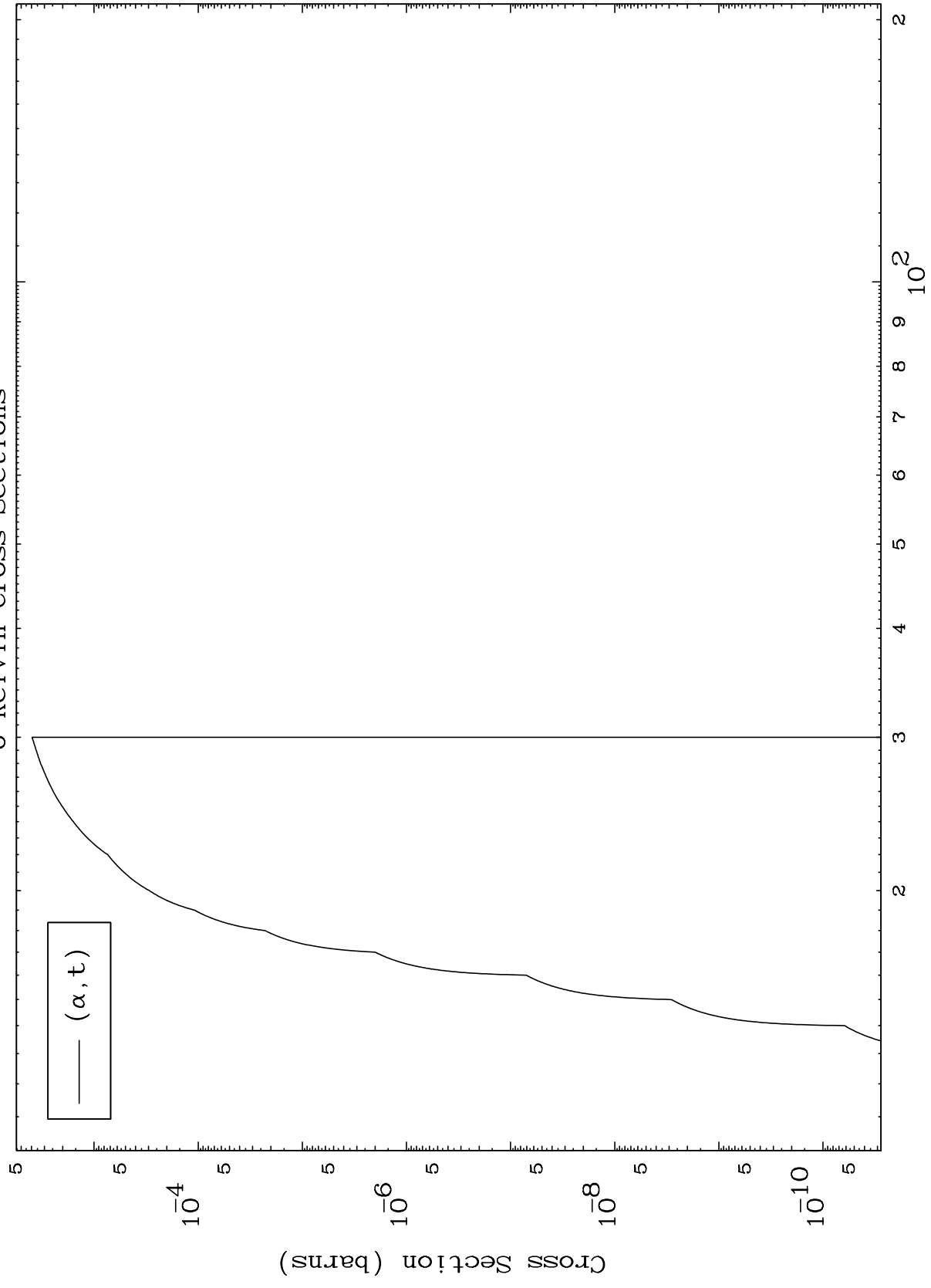
41-Nb-98



8

Incident Energy (MeV)

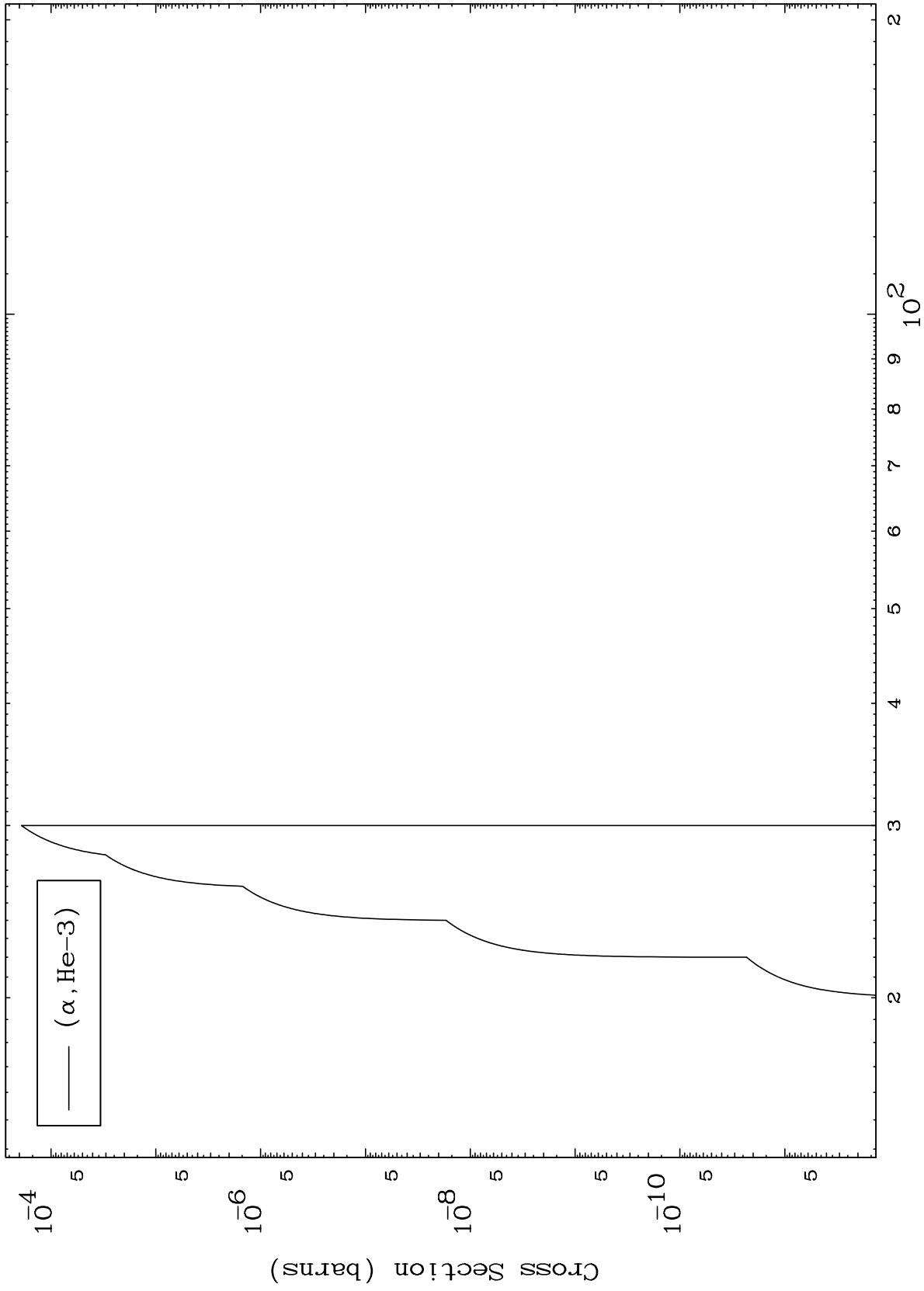
41-Nb-98



MAT 4140

(α ,He3) Levels
0 Kelvin Cross Sections

41-Nb-98



10

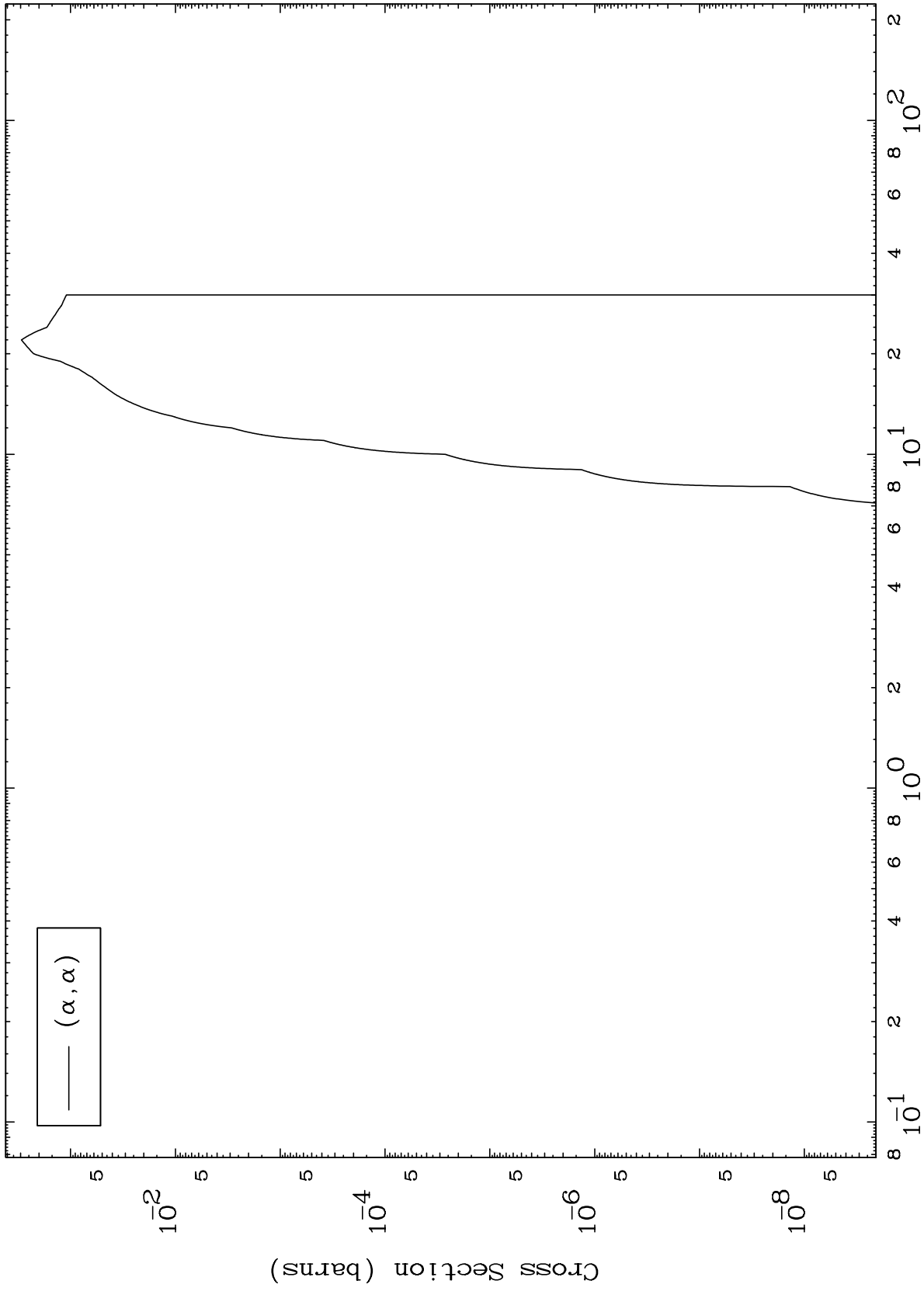
Incident Energy (MeV)

41-Nb-98

MAT 4140

(α, α) Levels
0 Kelvin Cross Sections

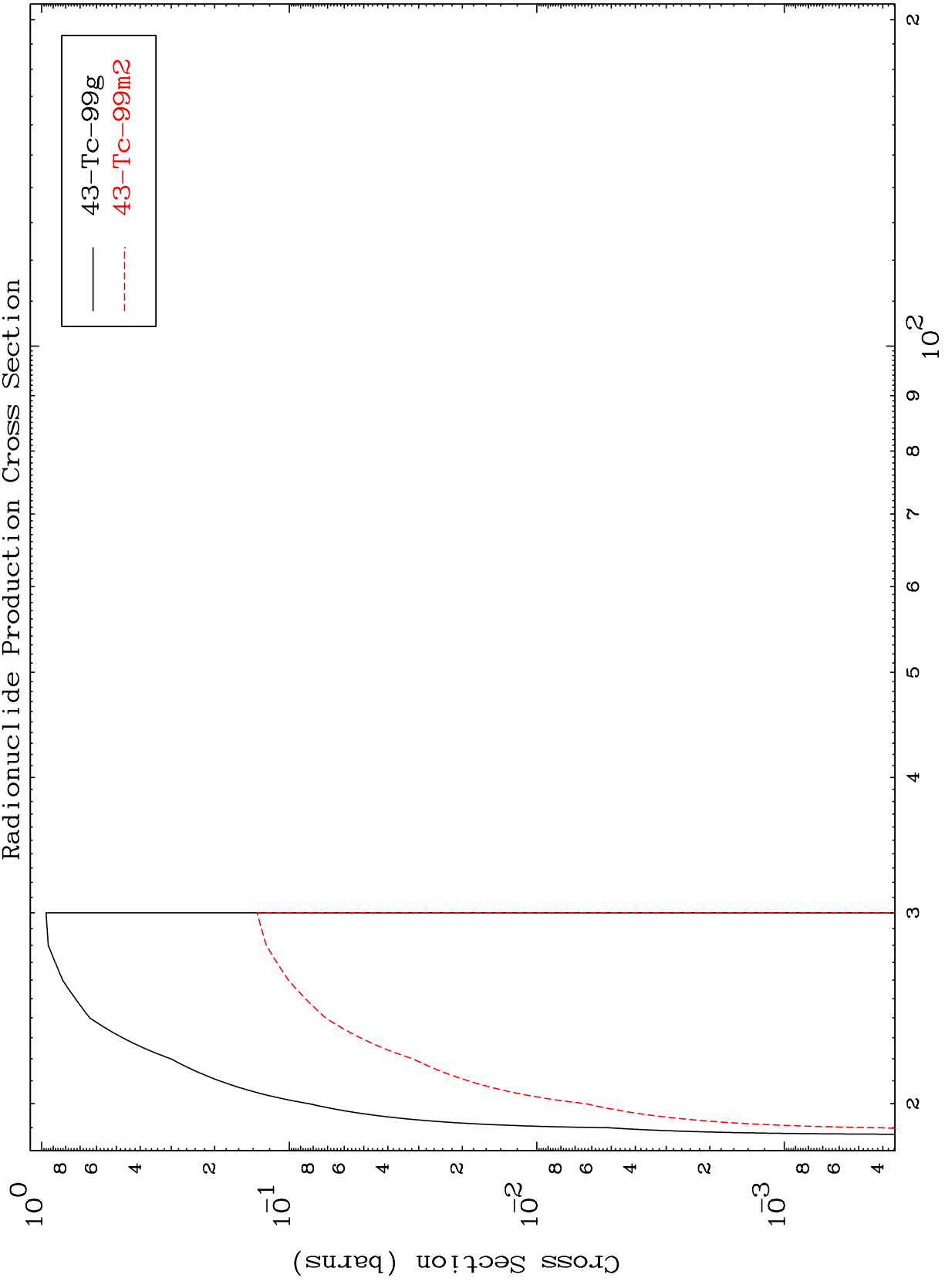
41-Nb-98



11

Incident Energy (MeV)

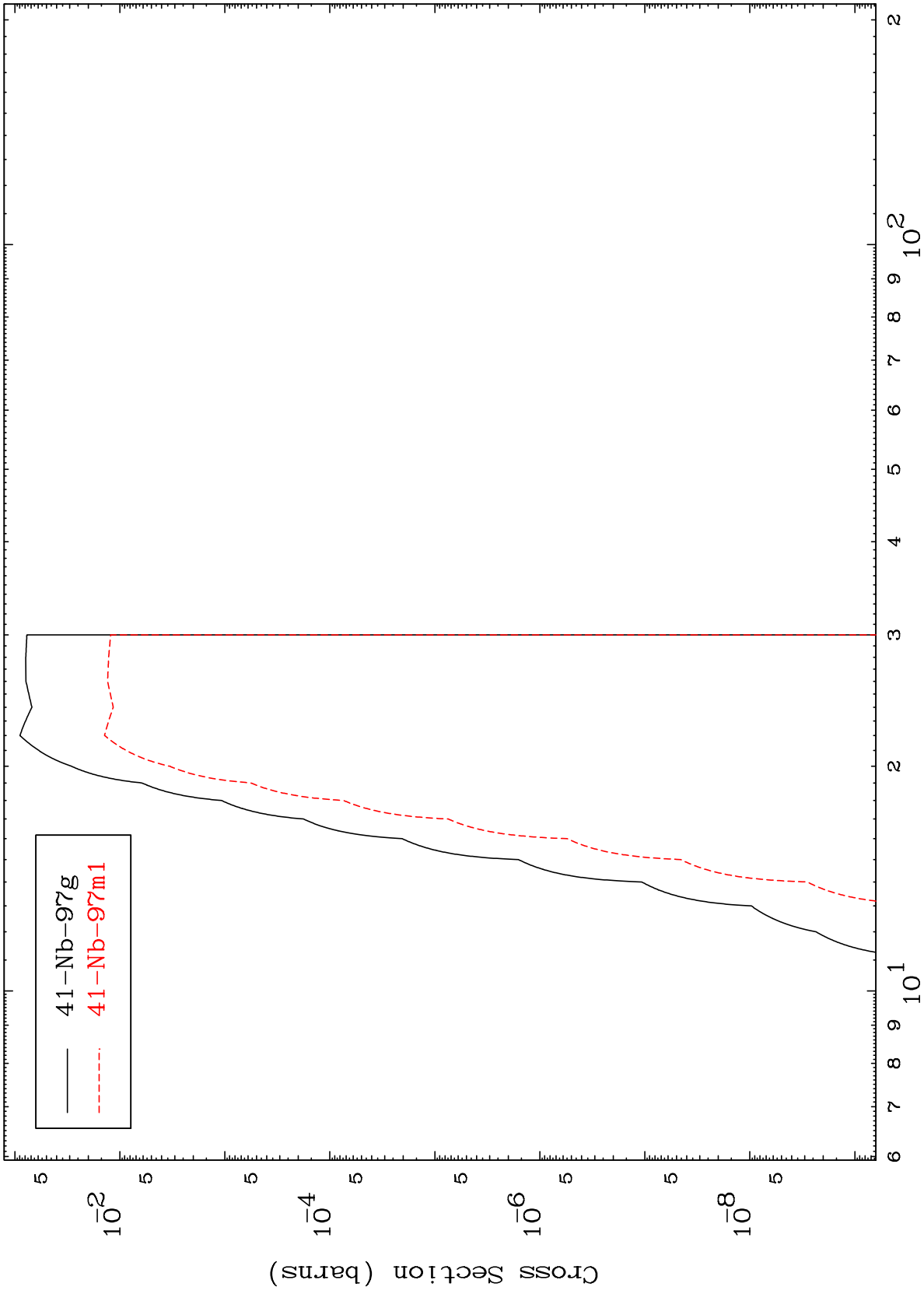
41-Nb-98



MAT 4140

41-Nb-98

(α, n') α
Radionuclide Production Cross Section



13

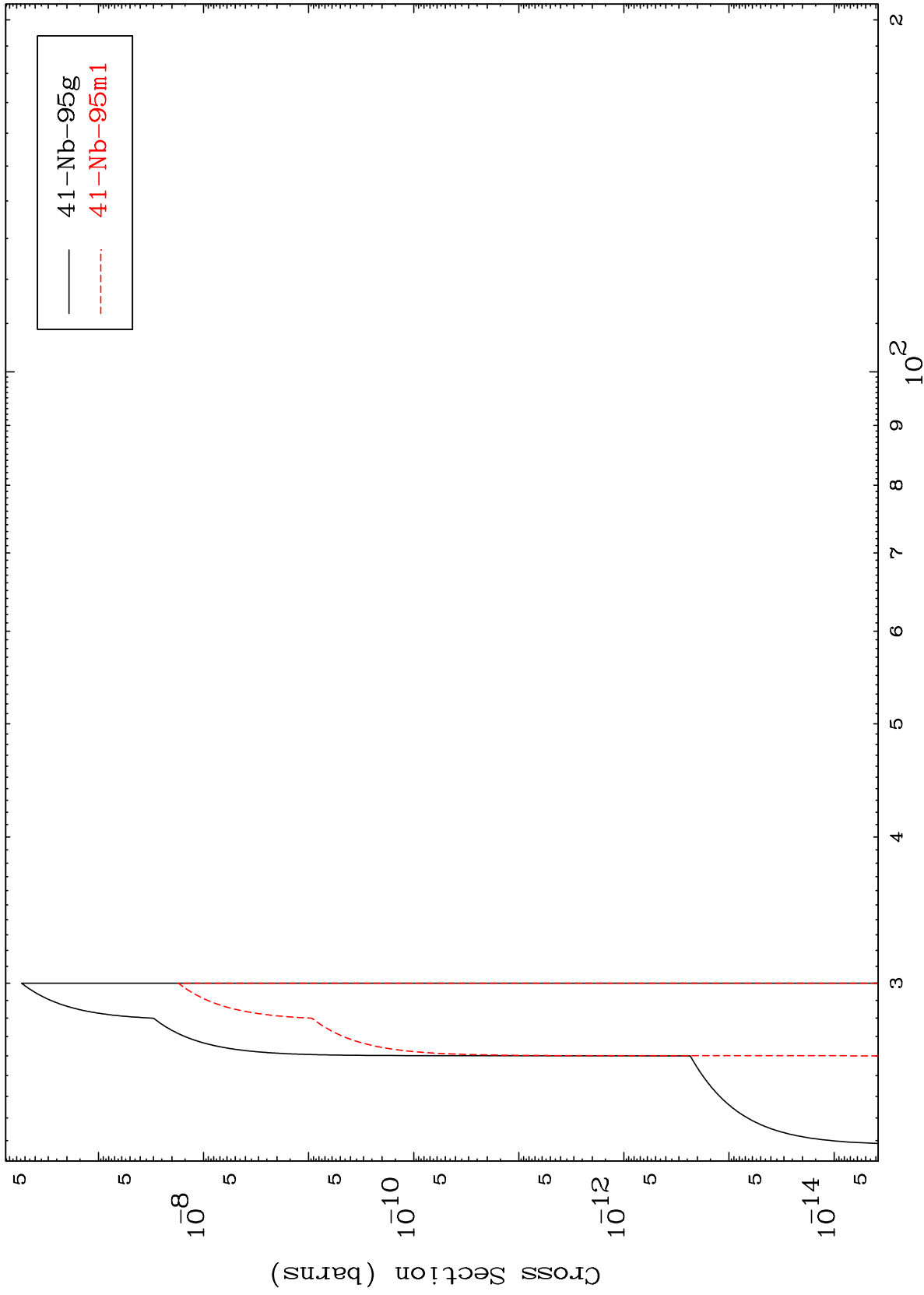
41-Nb-98

MAT 4140

($\alpha, 3n$) α

41-Nb-98

Radionuclide Production Cross Section



14

Incident Energy (MeV)

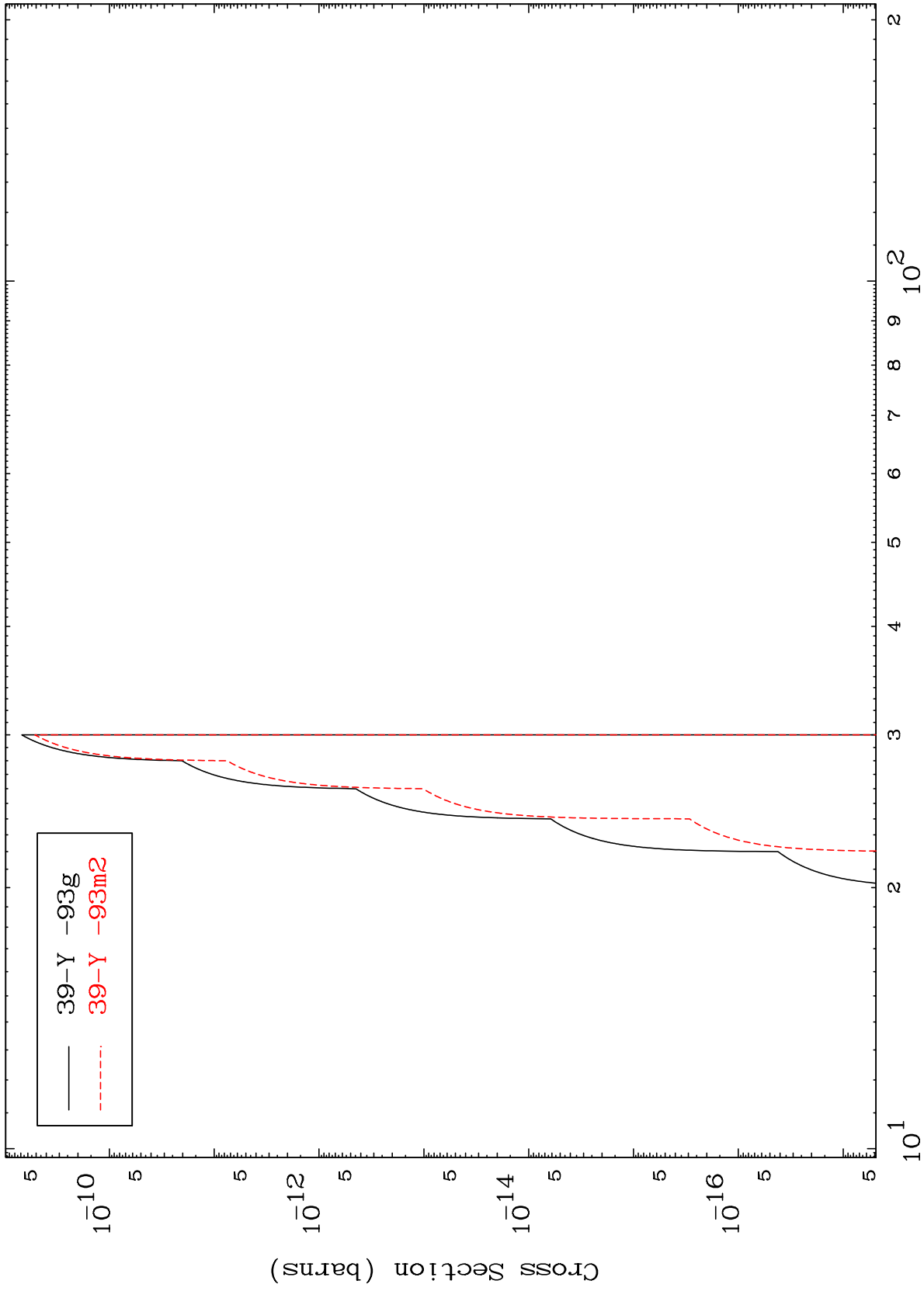
41-Nb-98

MAT 4140

(α, n') 2α

41-Nb-98

Radionuclide Production Cross Section



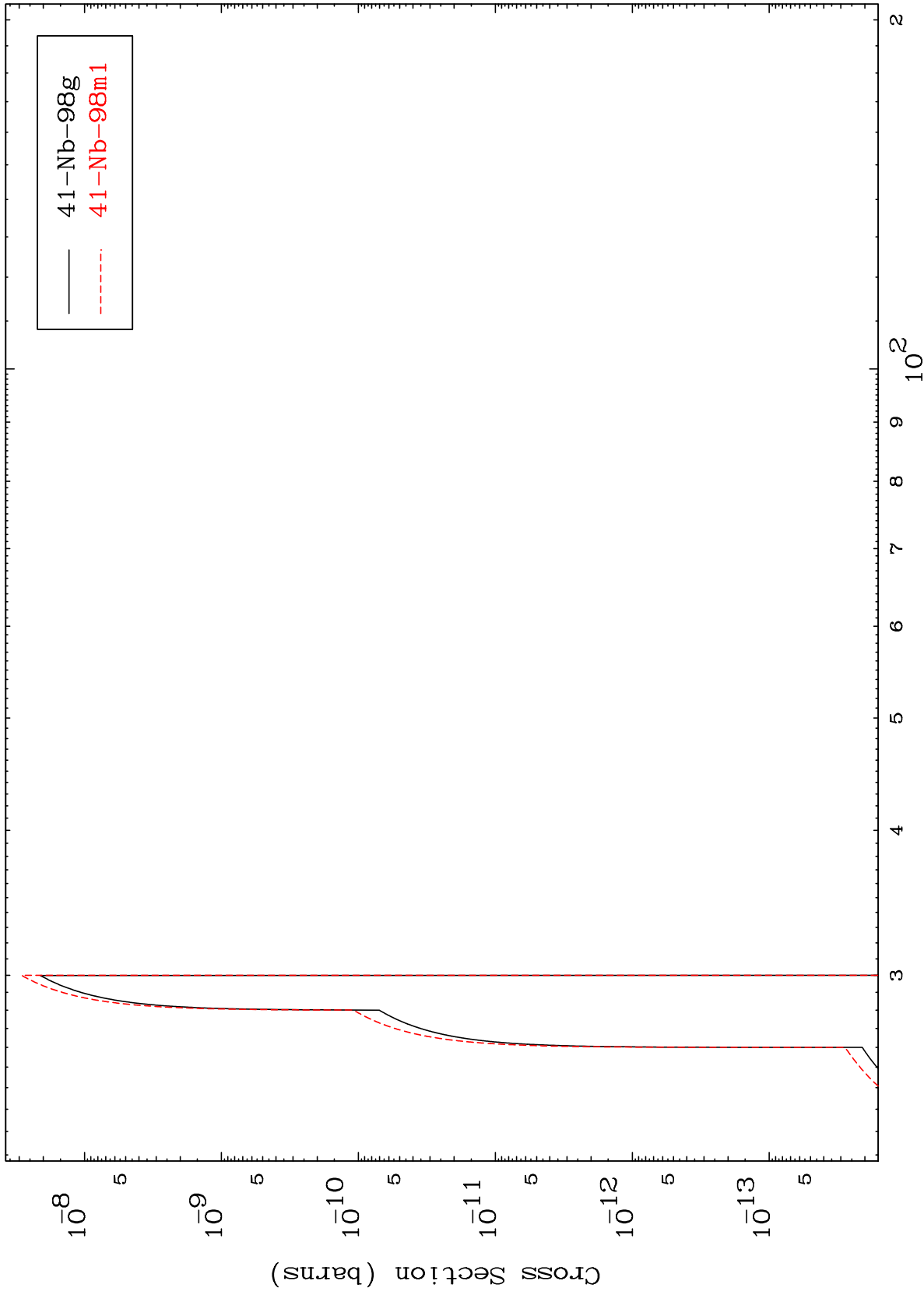
39-Y-93g
39-Y-93m2

MAT 4140

(α, n') He-3

41-Nb-98

Radionuclide Production Cross Section



16

Incident Energy (MeV)

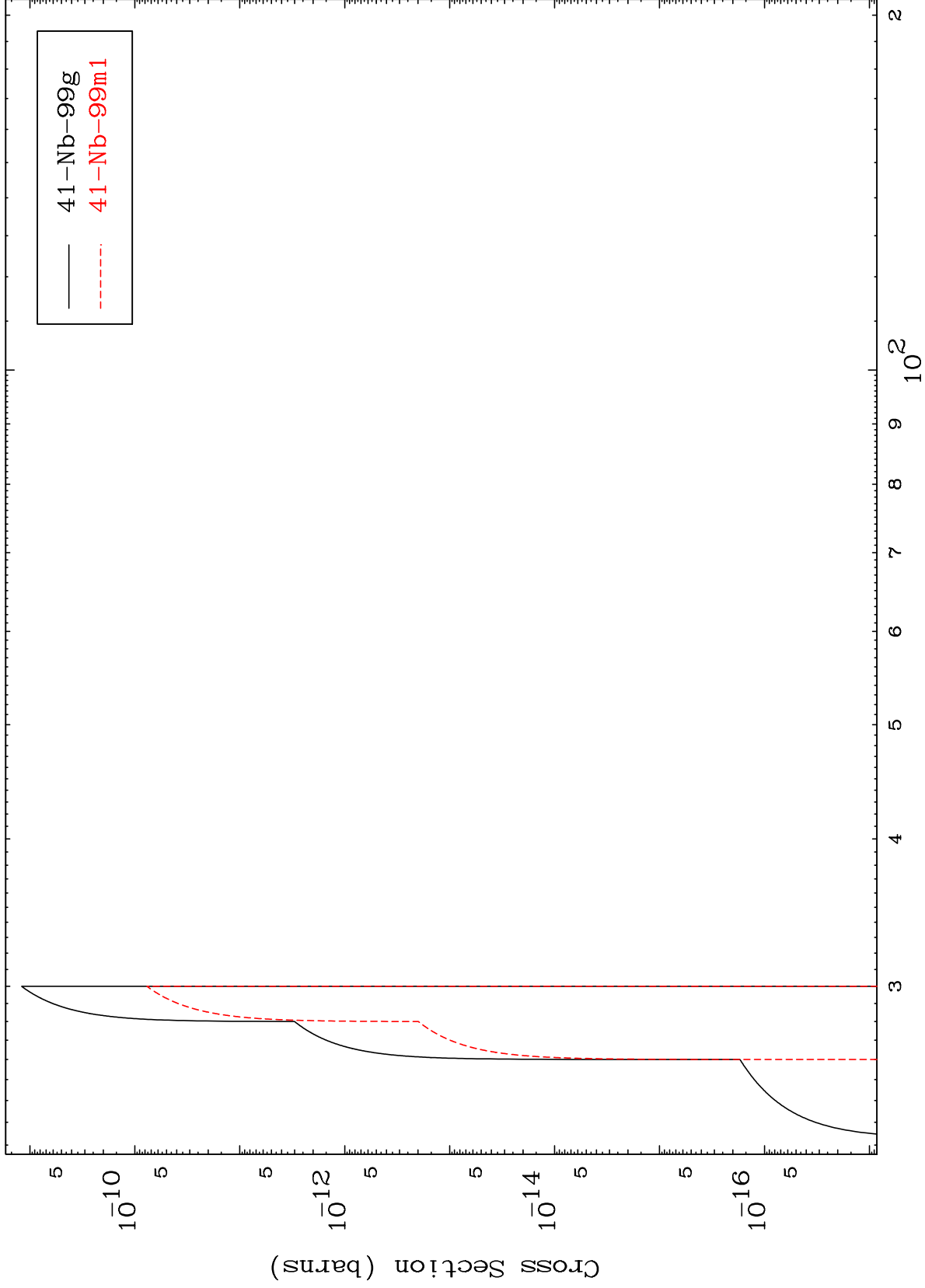
41-Nb-98

MAT 4140

($\alpha, 2n$) p

41-Nb-98

Radionuclide Production Cross Section



17

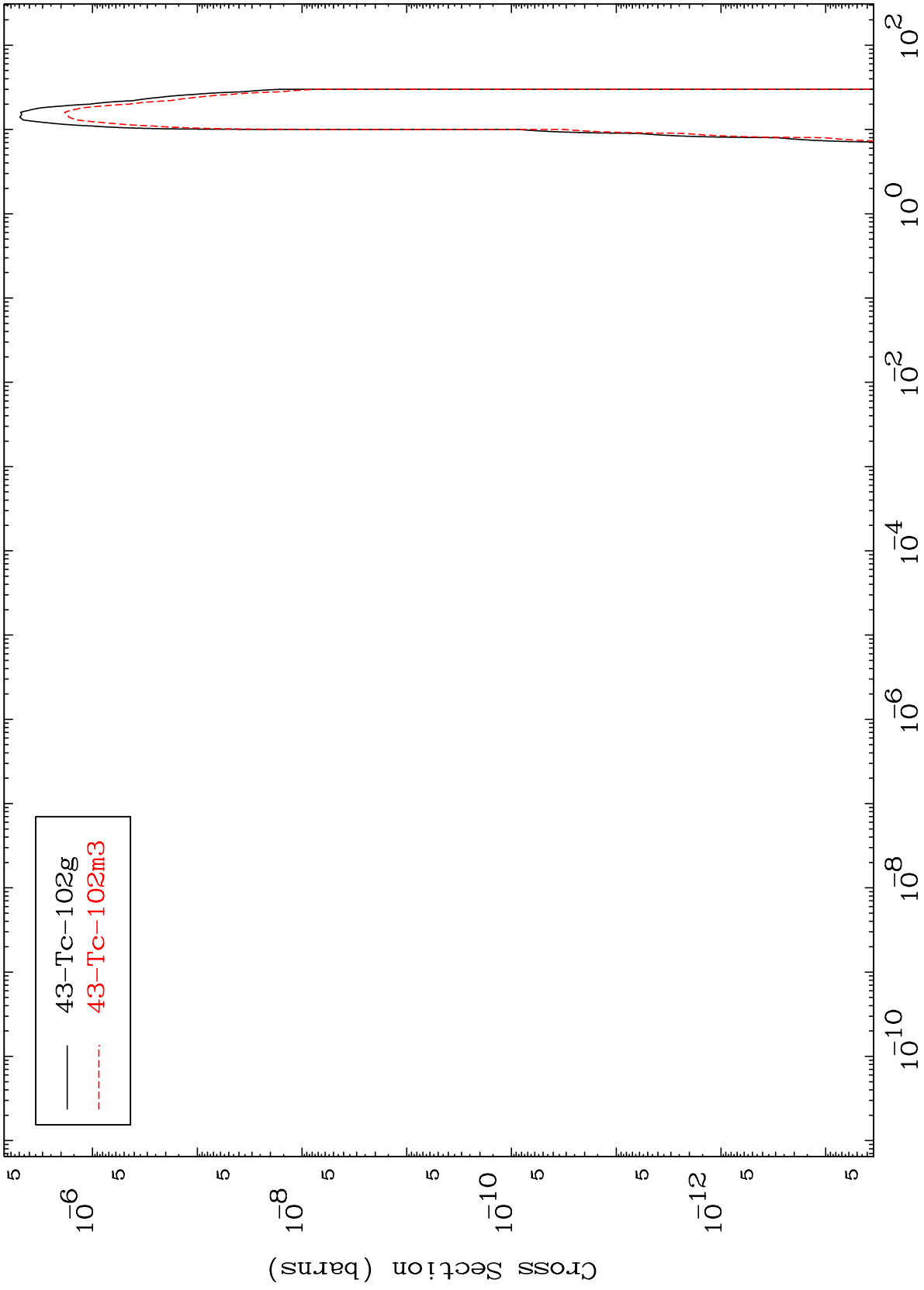
Incident Energy (MeV)

41-Nb-98

MAT 4140

Radionuclide Production Cross Section
(α, γ)

41-Nb-98



18

Incident Energy (MeV)

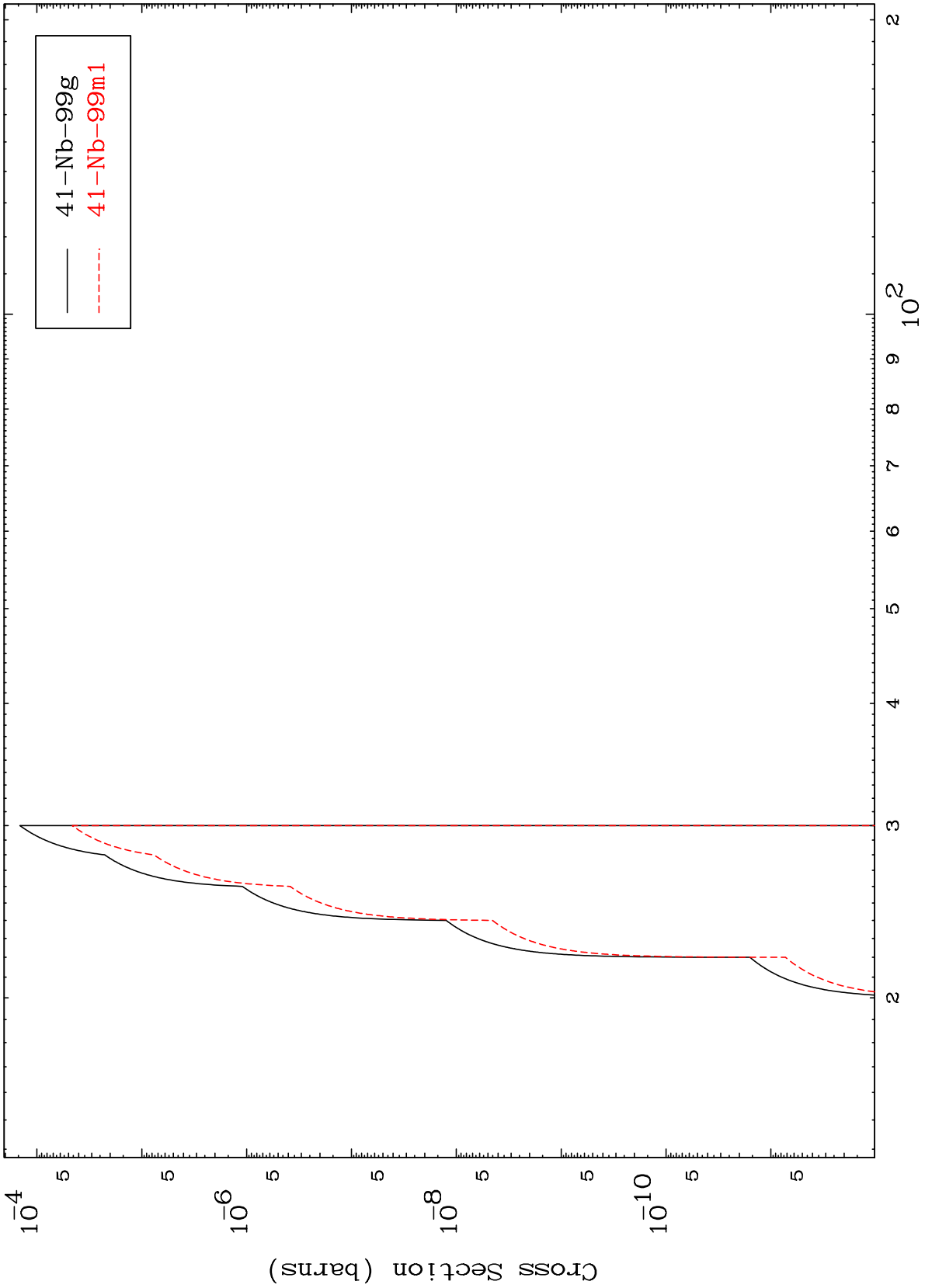
41-Nb-98

MAT 4140

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

41-Nb-98

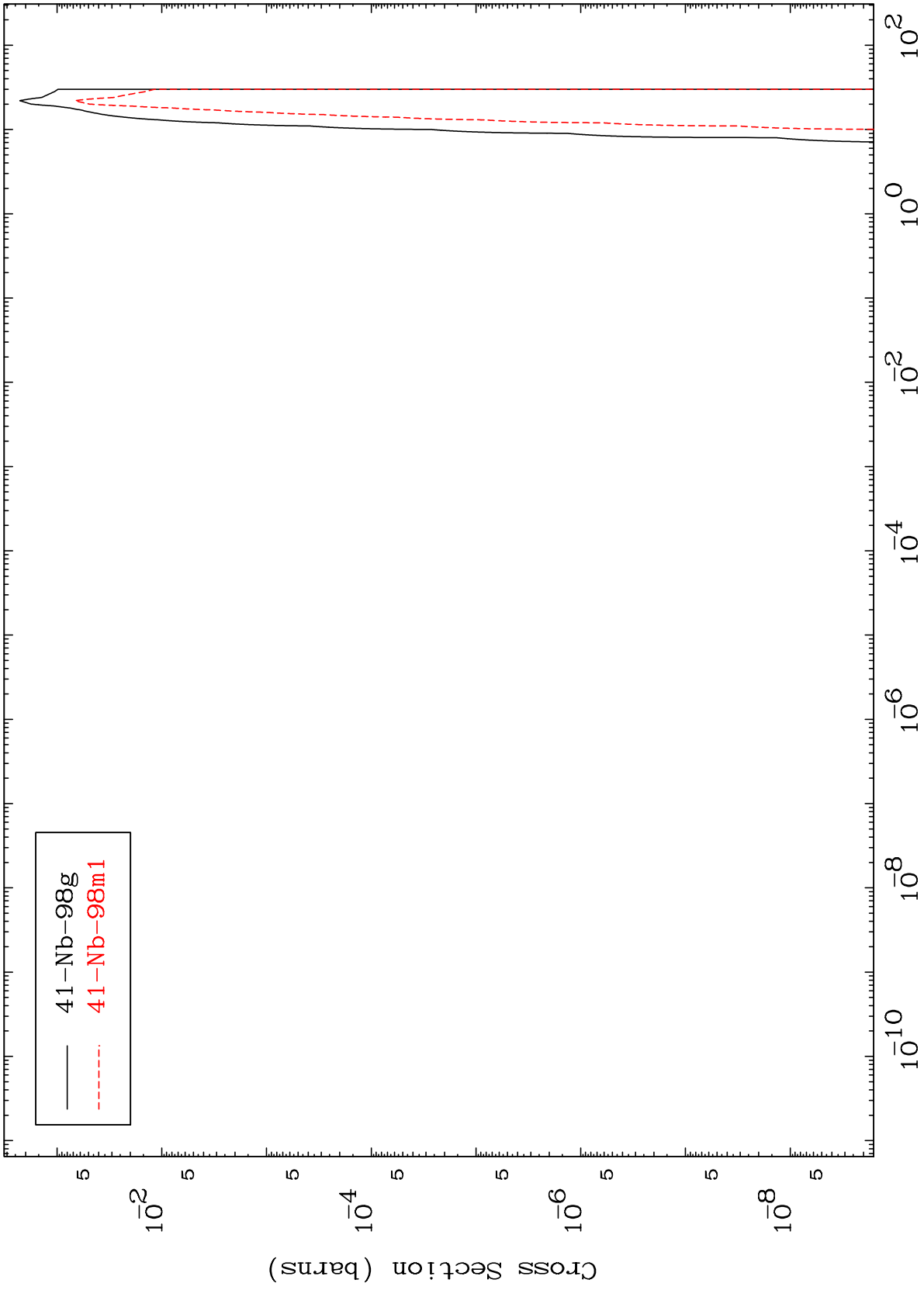
Radionuclide Production Cross Section



MAT 4140

(α, α)
Radionuclide Production Cross Section

41-Nb-98



20

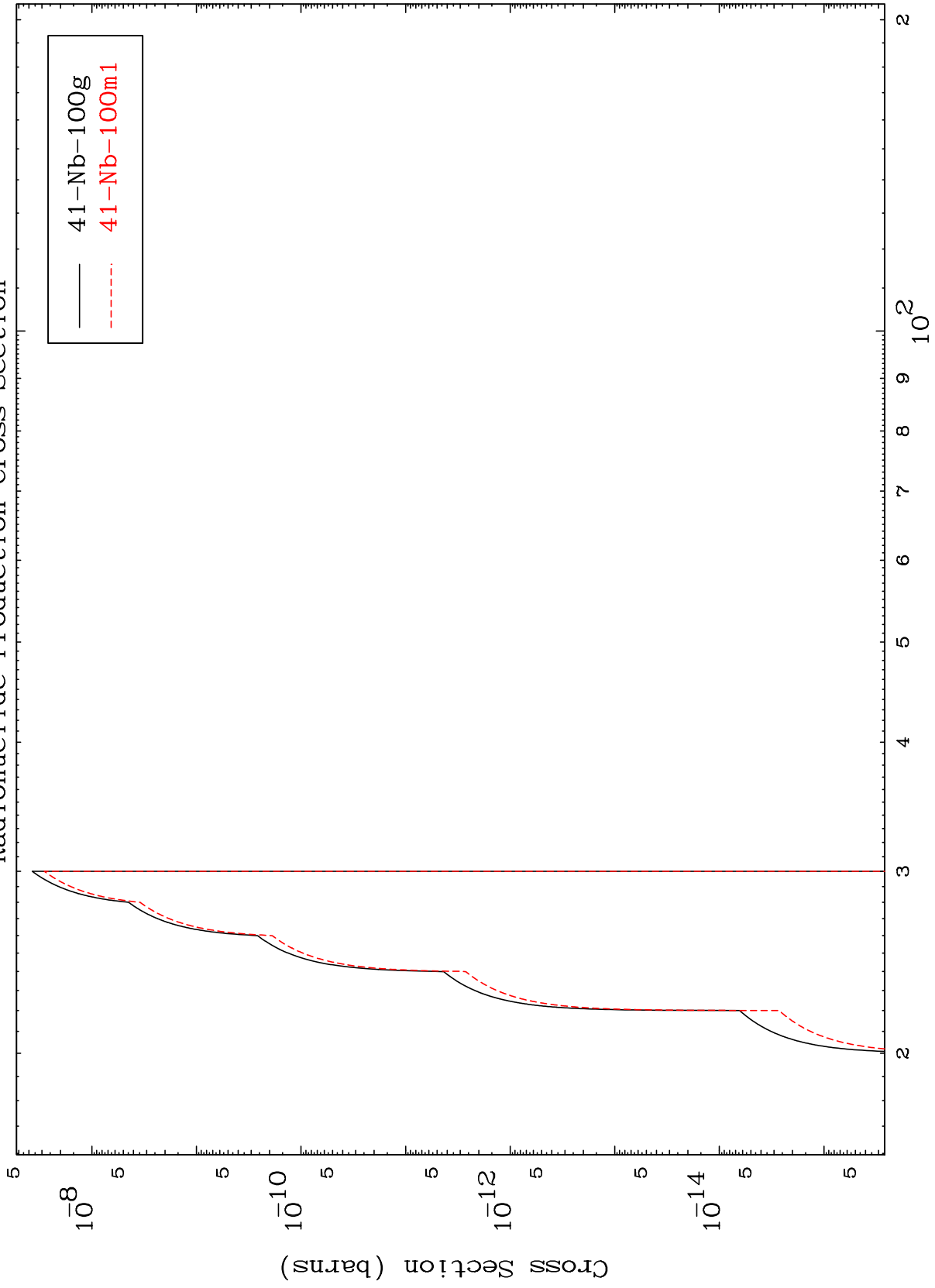
Incident Energy (MeV)

41-Nb-98

MAT 4140

41-Nb-98

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



21

Incident Energy (MeV)

41-Nb-98