

Program EVALPLOT
(Version 2018-1)

by

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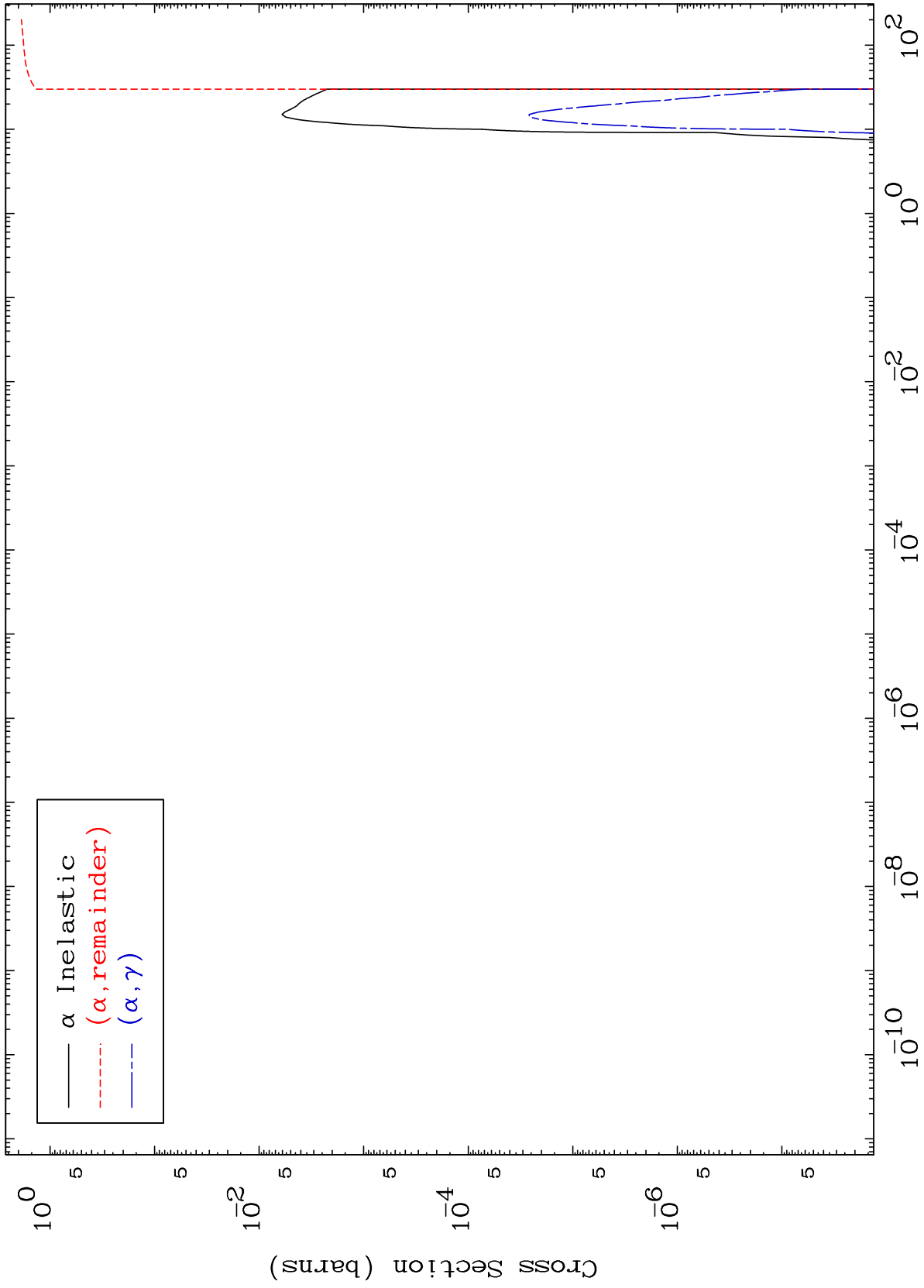
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4105

0 Kelvin α Major

41-Nb-86



1

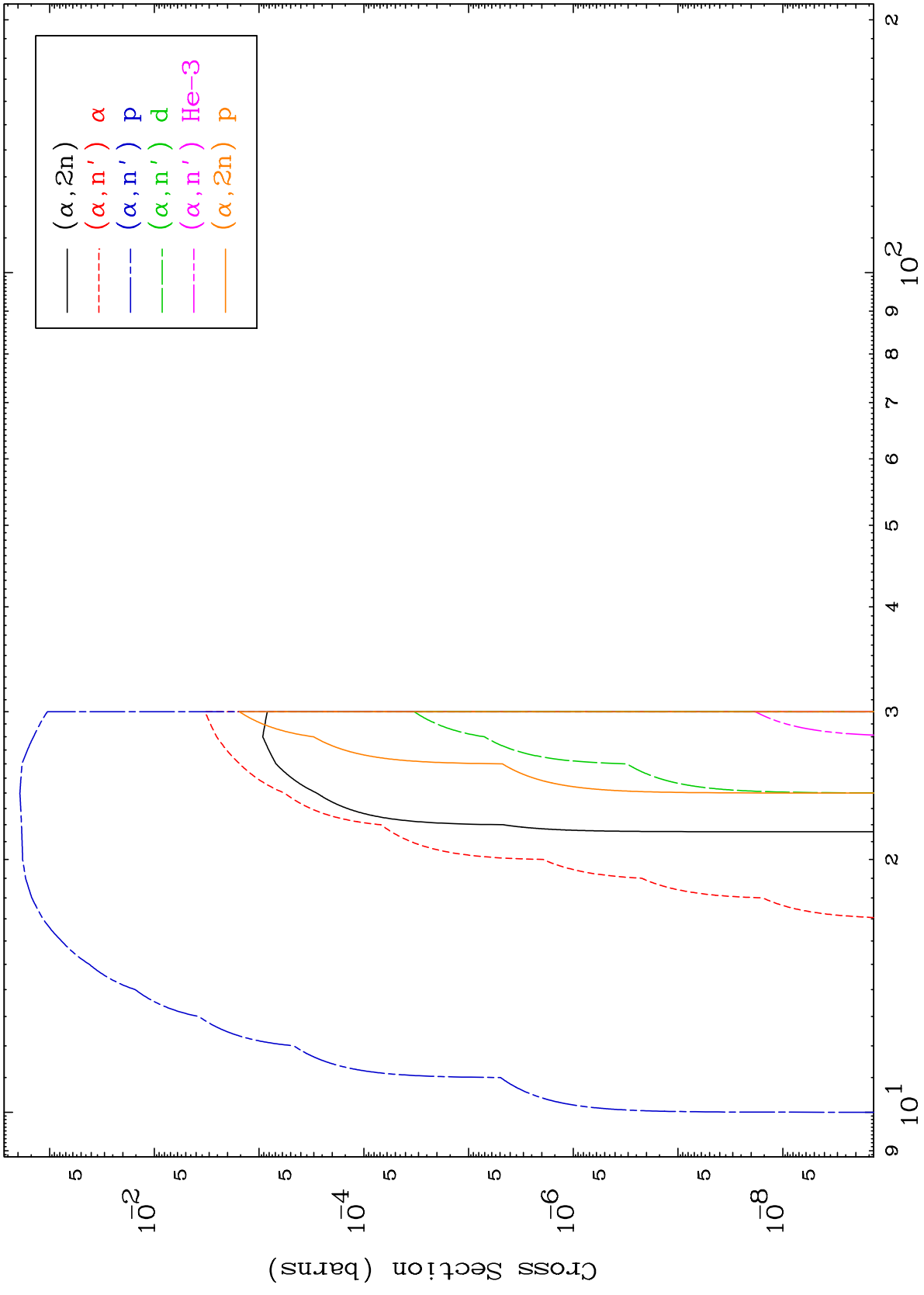
Incident Energy (MeV)

41-Nb-86

MAT 4105

α Neutron Production
0 Kelvin Cross Sections

41-Nb-86



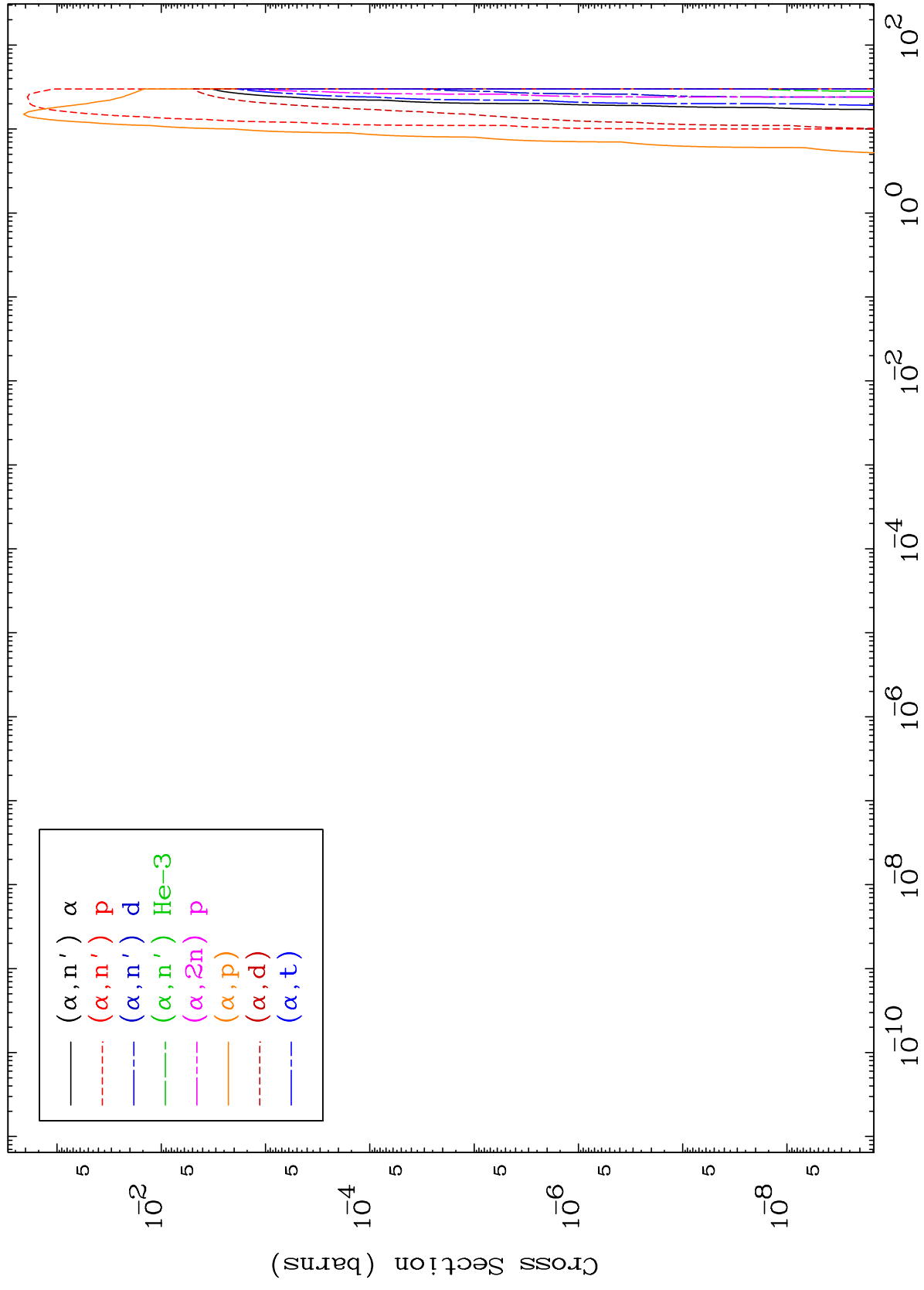
Incident Energy (MeV)

41-Nb-86

MAT 4105

α Charged Particle
0 Kelvin Cross Sections

41-Nb-86



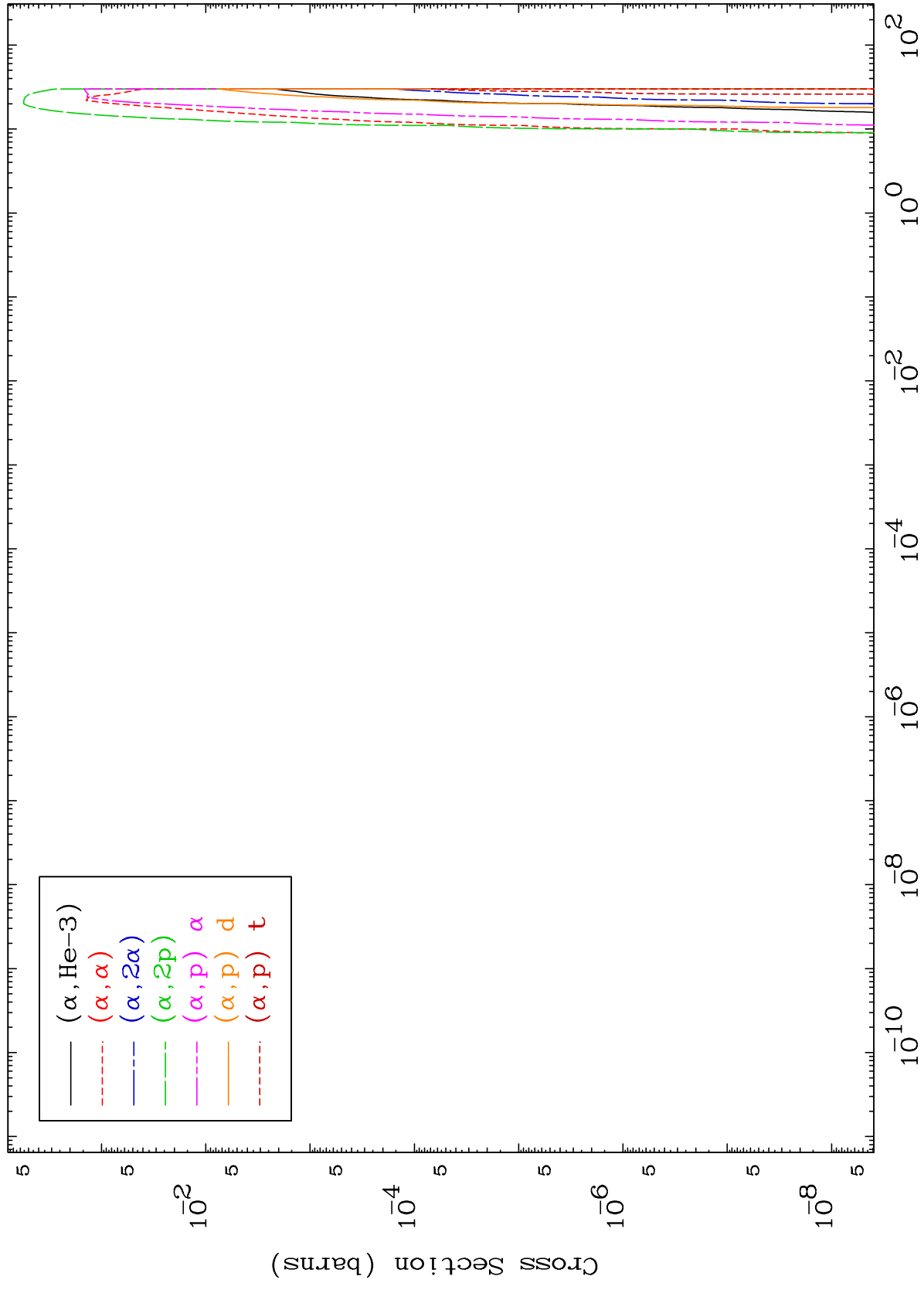
3

41-Nb-86

MAT 4105

α Charged Particle
0 Kelvin Cross Sections

41-Nb-86

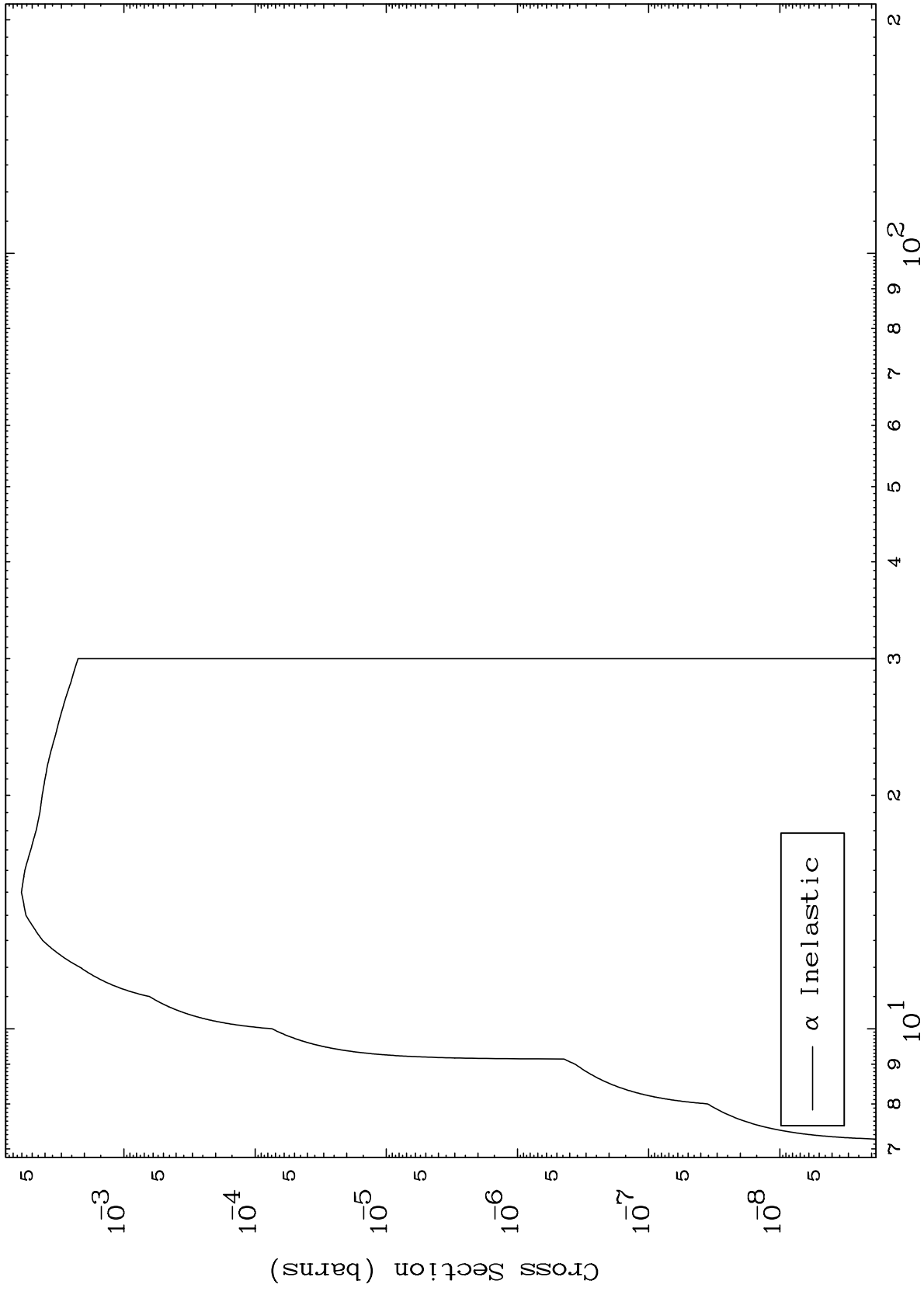


41-Nb-86

MAT 4105

(α, n') Level
0 Kelvin Cross Sections

41-Nb-86



5

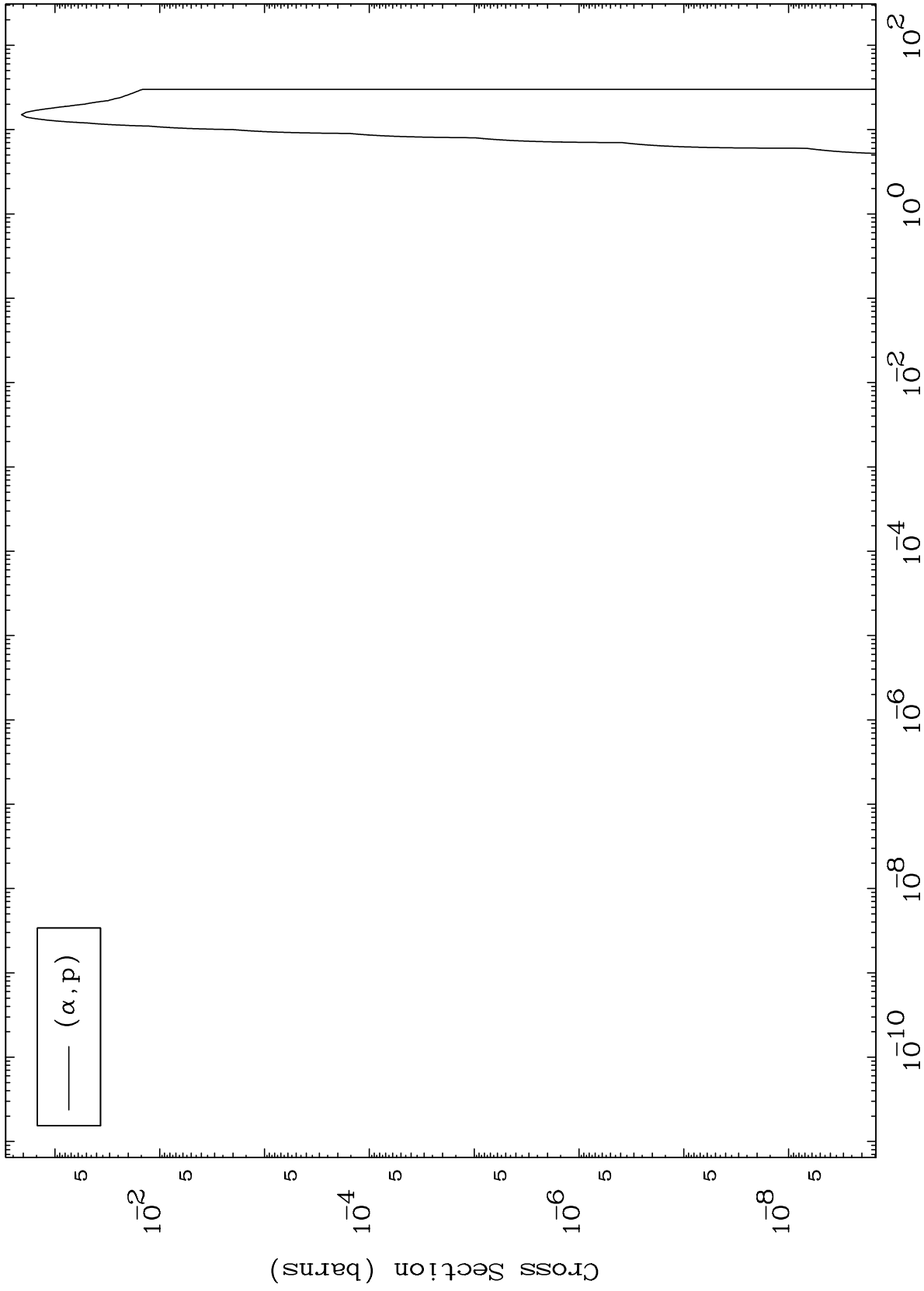
Incident Energy (MeV)

41-Nb-86

MAT 4105

(α, p) Levels
0 Kelvin Cross Sections

41-Nb-86



6

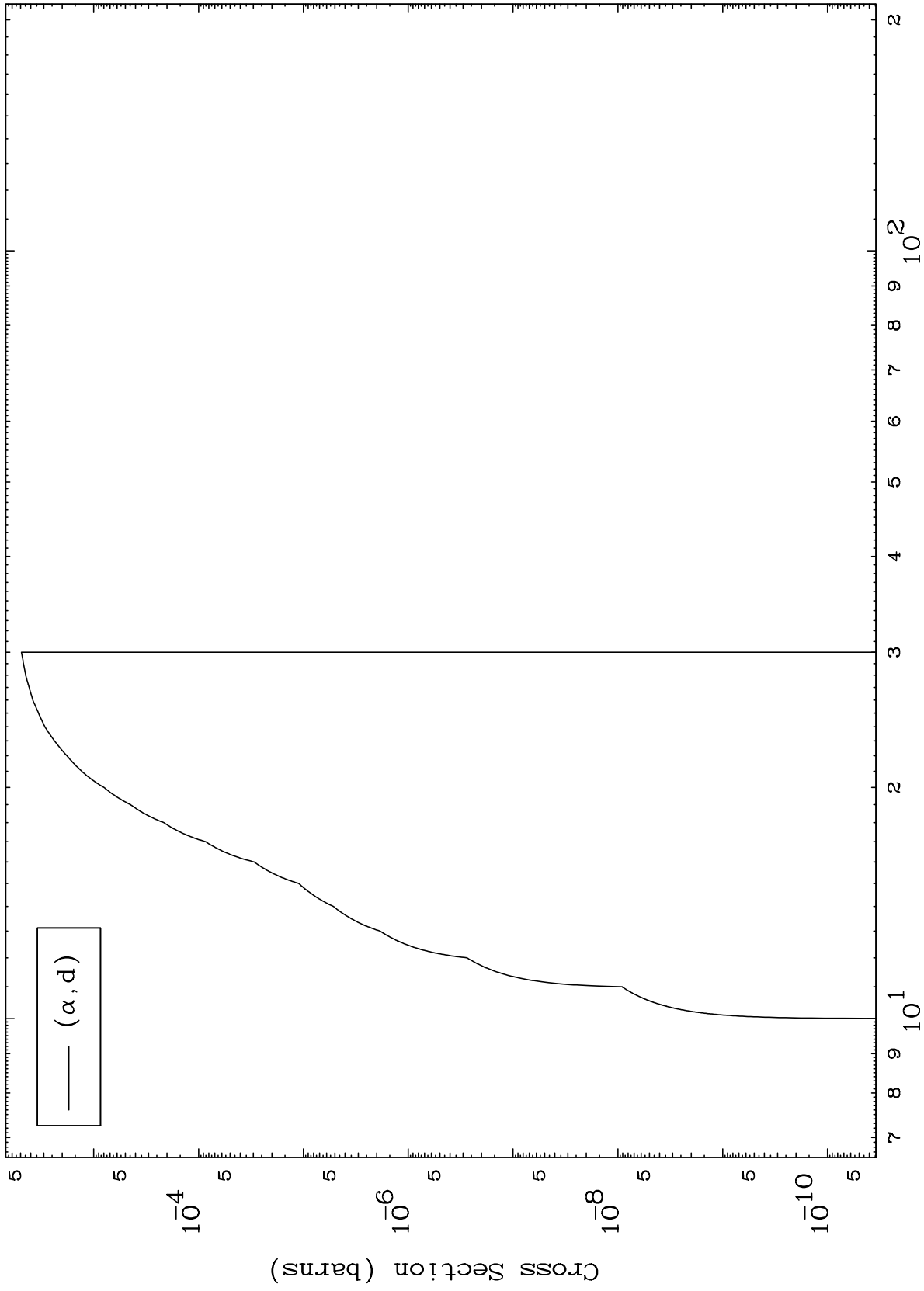
Incident Energy (MeV)

41-Nb-86

MAT 4105

(α, d) Levels
0 Kelvin Cross Sections

41-Nb-86



7

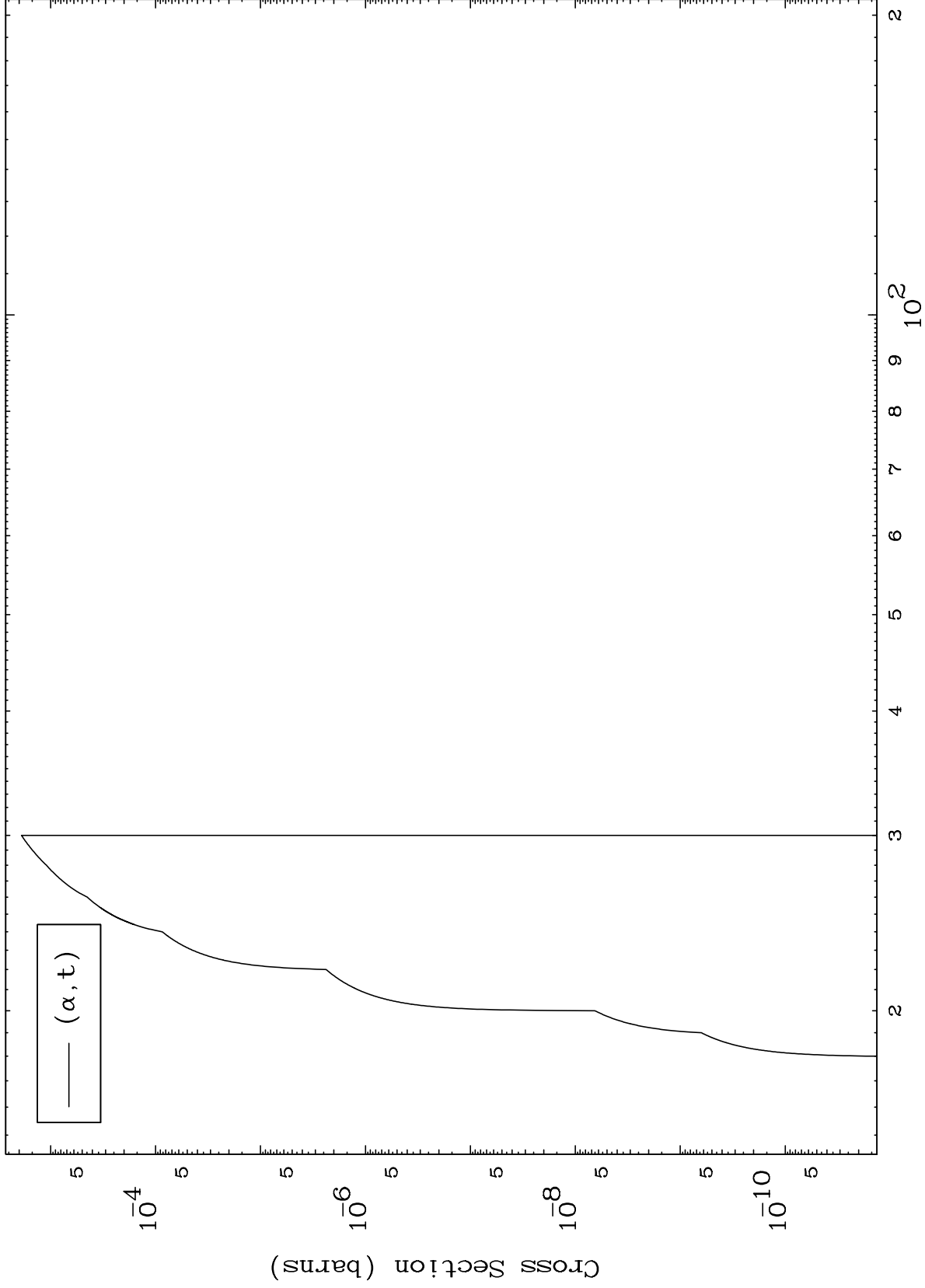
Incident Energy (MeV)

41-Nb-86

MAT 4105

(α, t) Levels
0 Kelvin Cross Sections

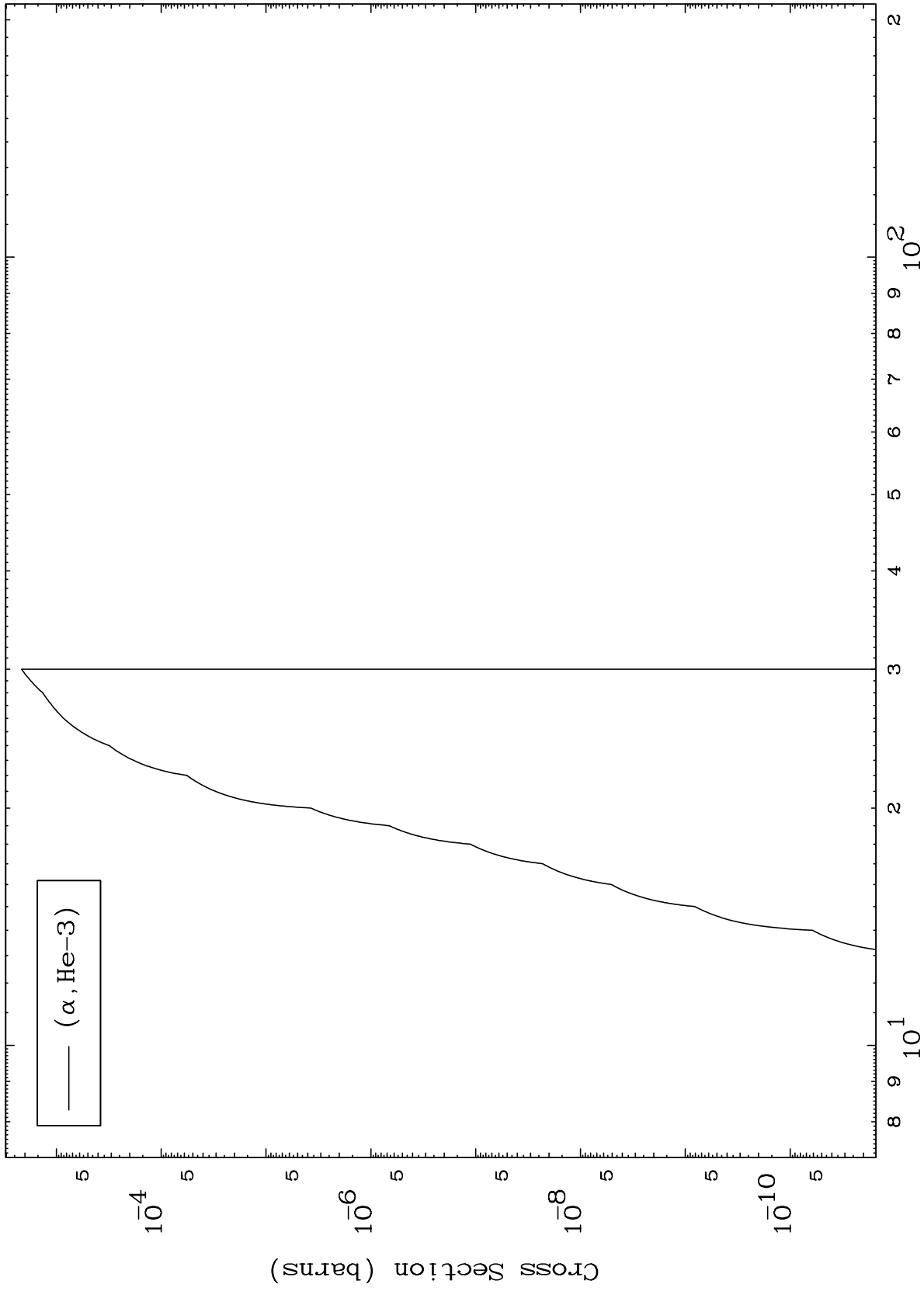
41-Nb-86



8

Incident Energy (MeV)

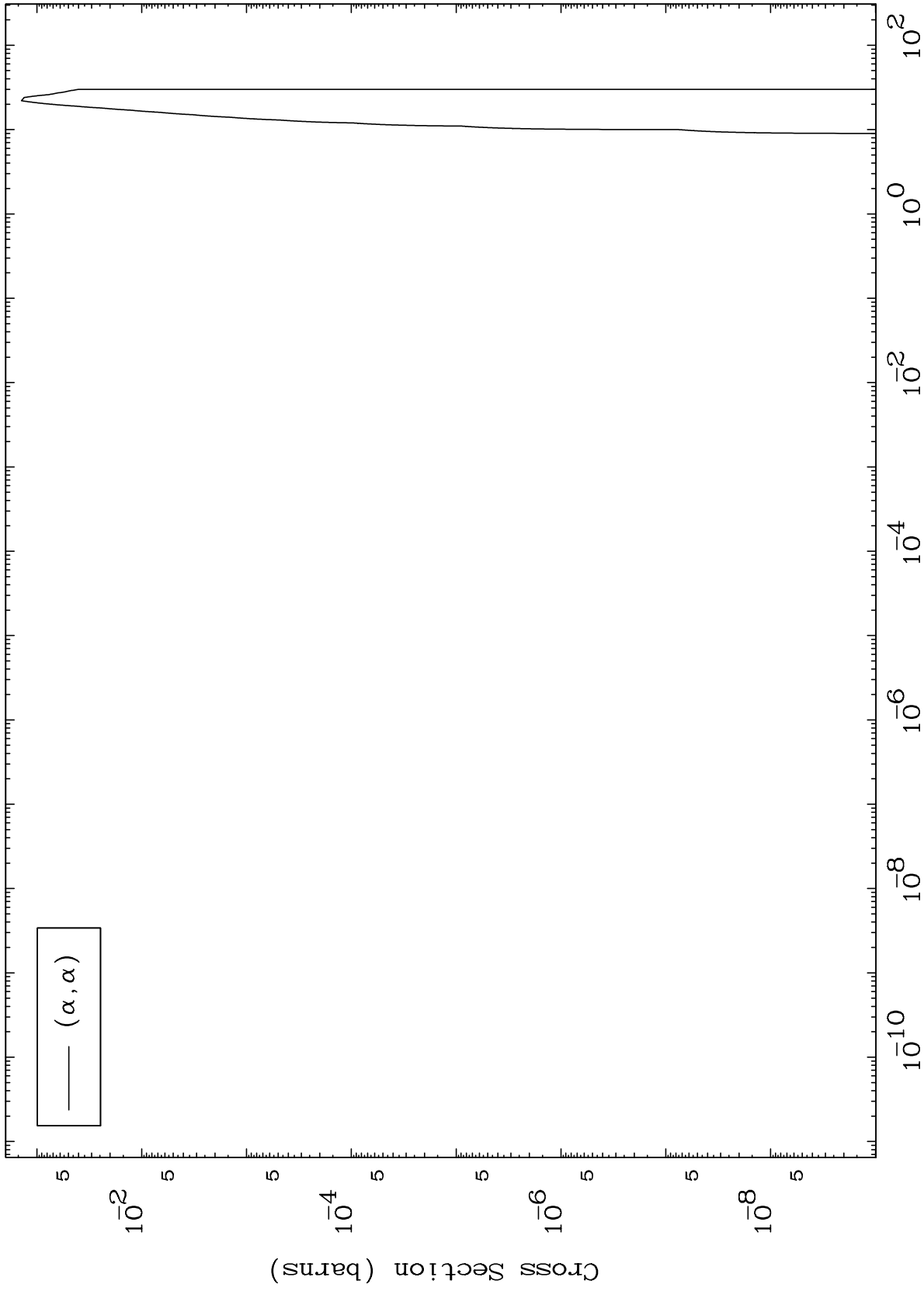
41-Nb-86



MAT 4105

(α, α) Levels
0 Kelvin Cross Sections

41-Nb-86



10

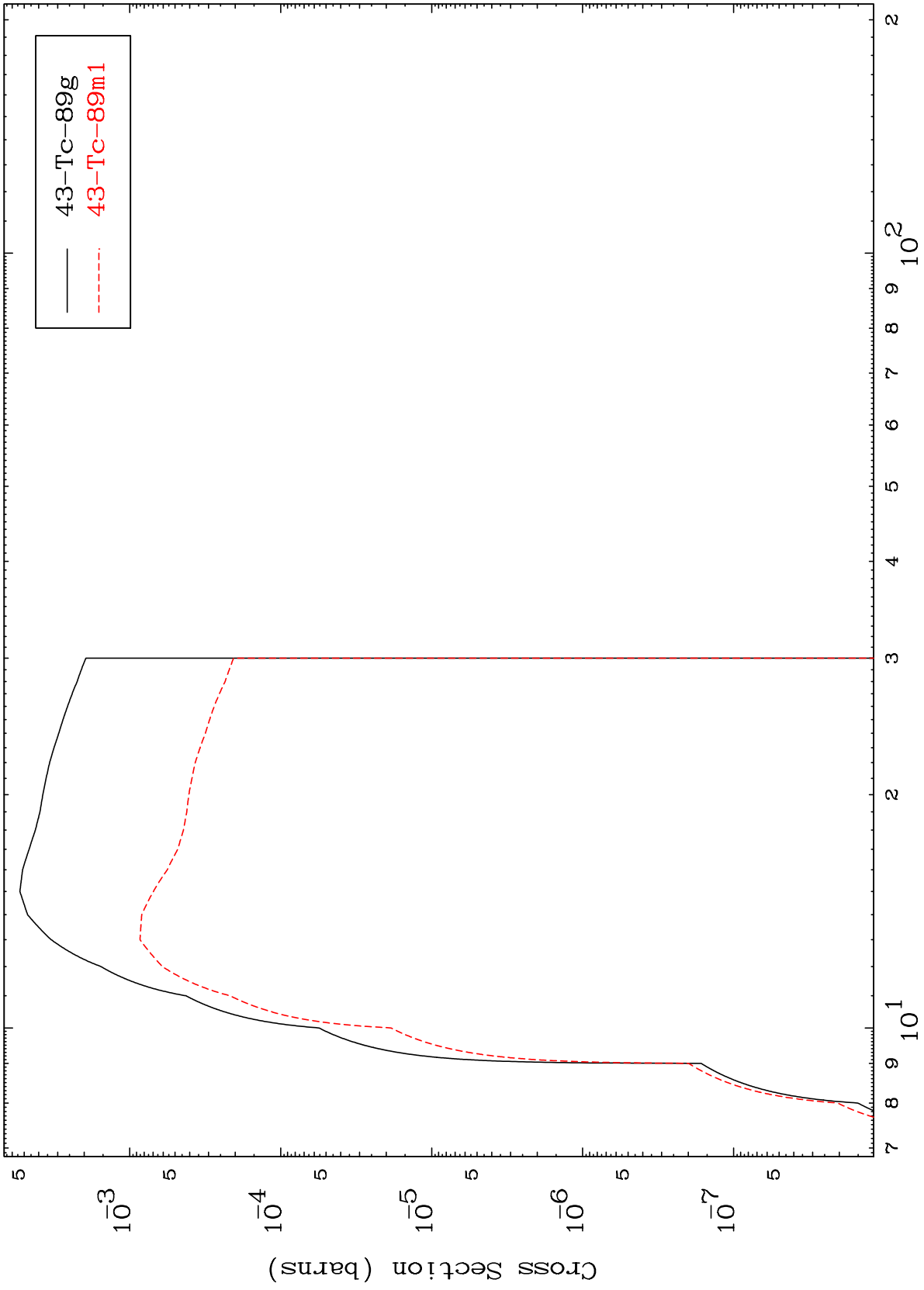
Incident Energy (MeV)

41-Nb-86

MAT 4105

Radionuclide Production Cross Section

41-Nb-86



43-Tc-89g
43-Tc-89m1

11

Incident Energy (MeV)

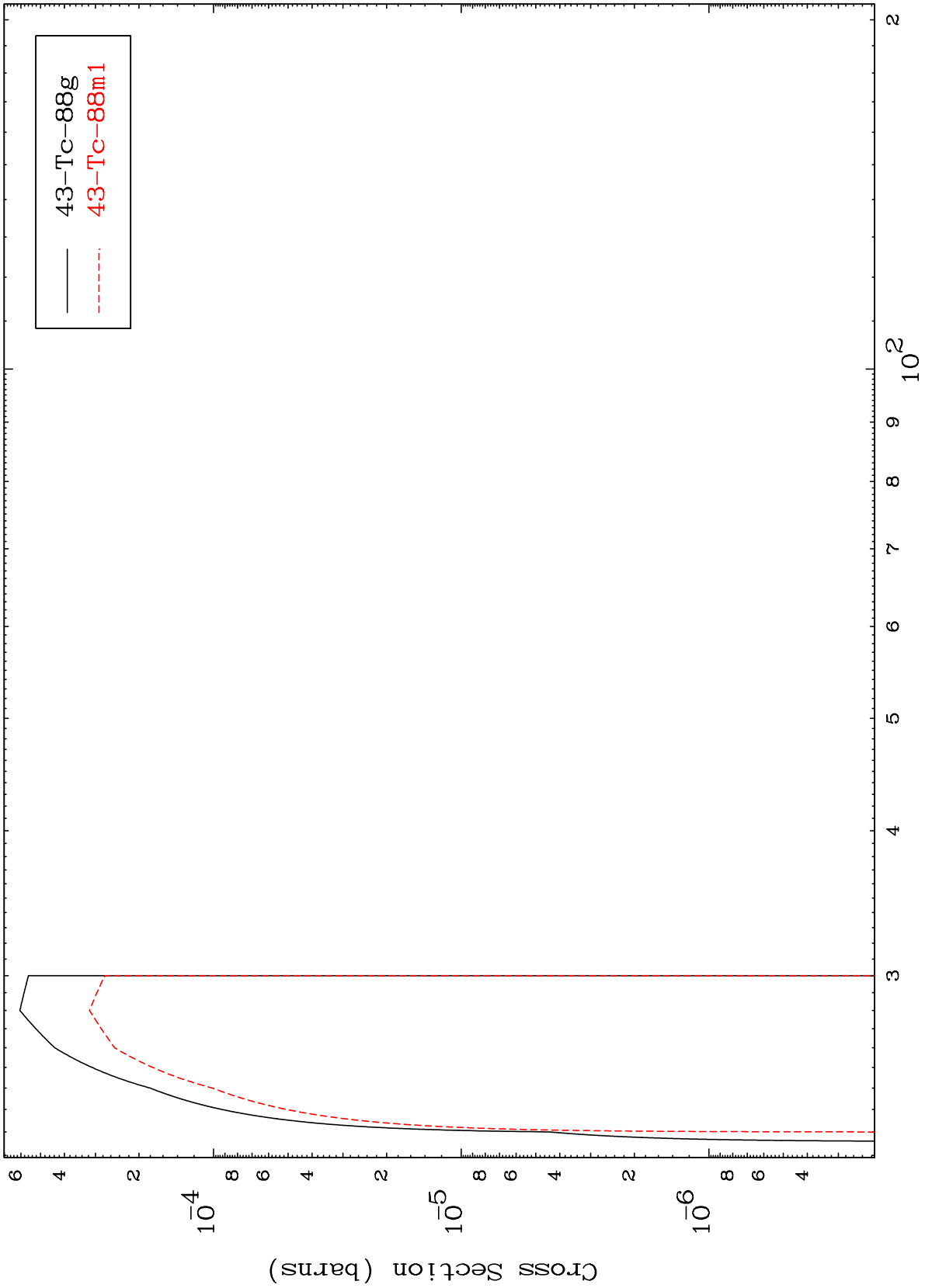
41-Nb-86

MAT 4105

($\alpha, 2n$)

41-Nb-86

Radionuclide Production Cross Section



12

Incident Energy (MeV)

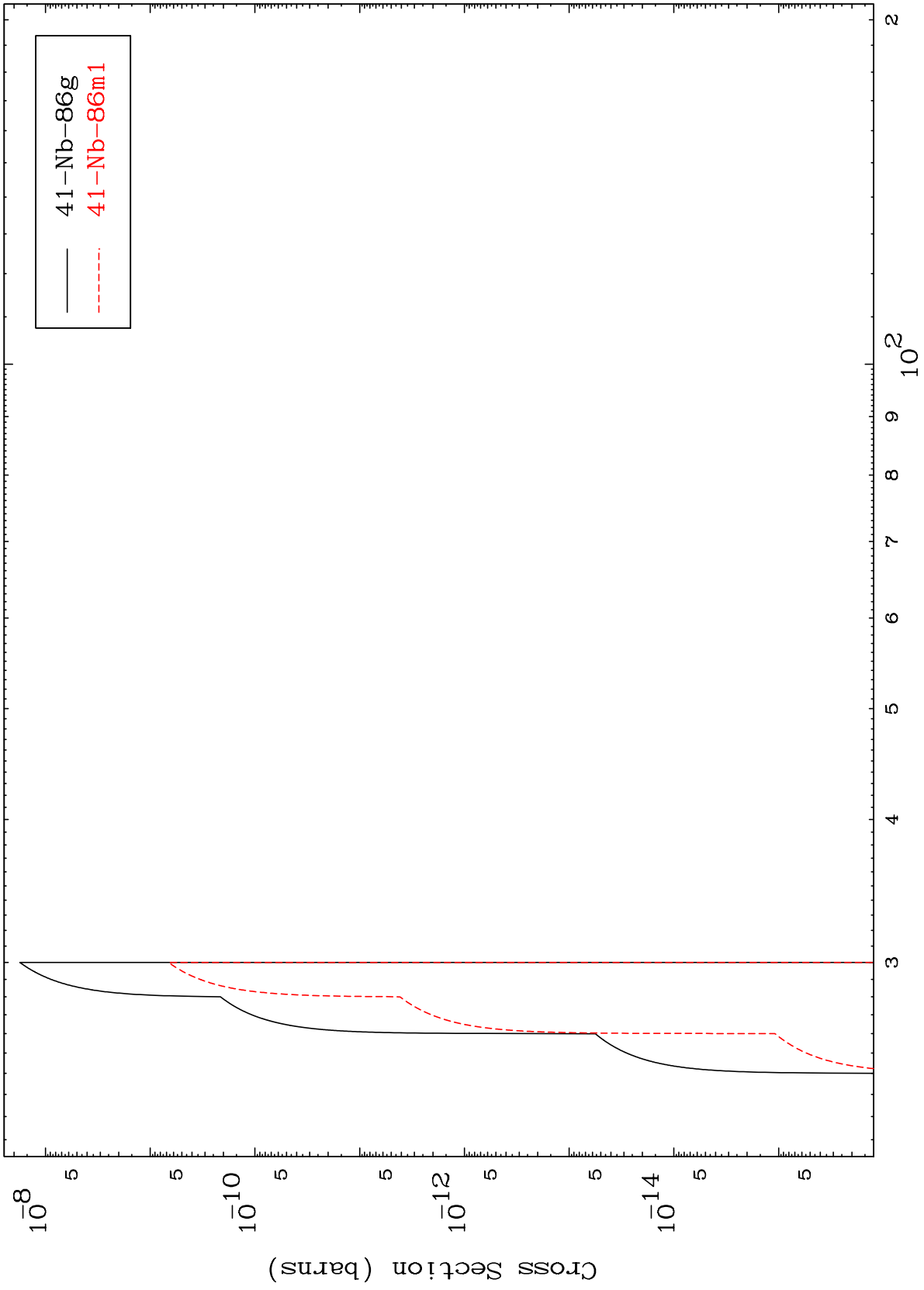
41-Nb-86

MAT 4105

(α, n') He-3

41-Nb-86

Radionuclide Production Cross Section



13

Incident Energy (MeV)

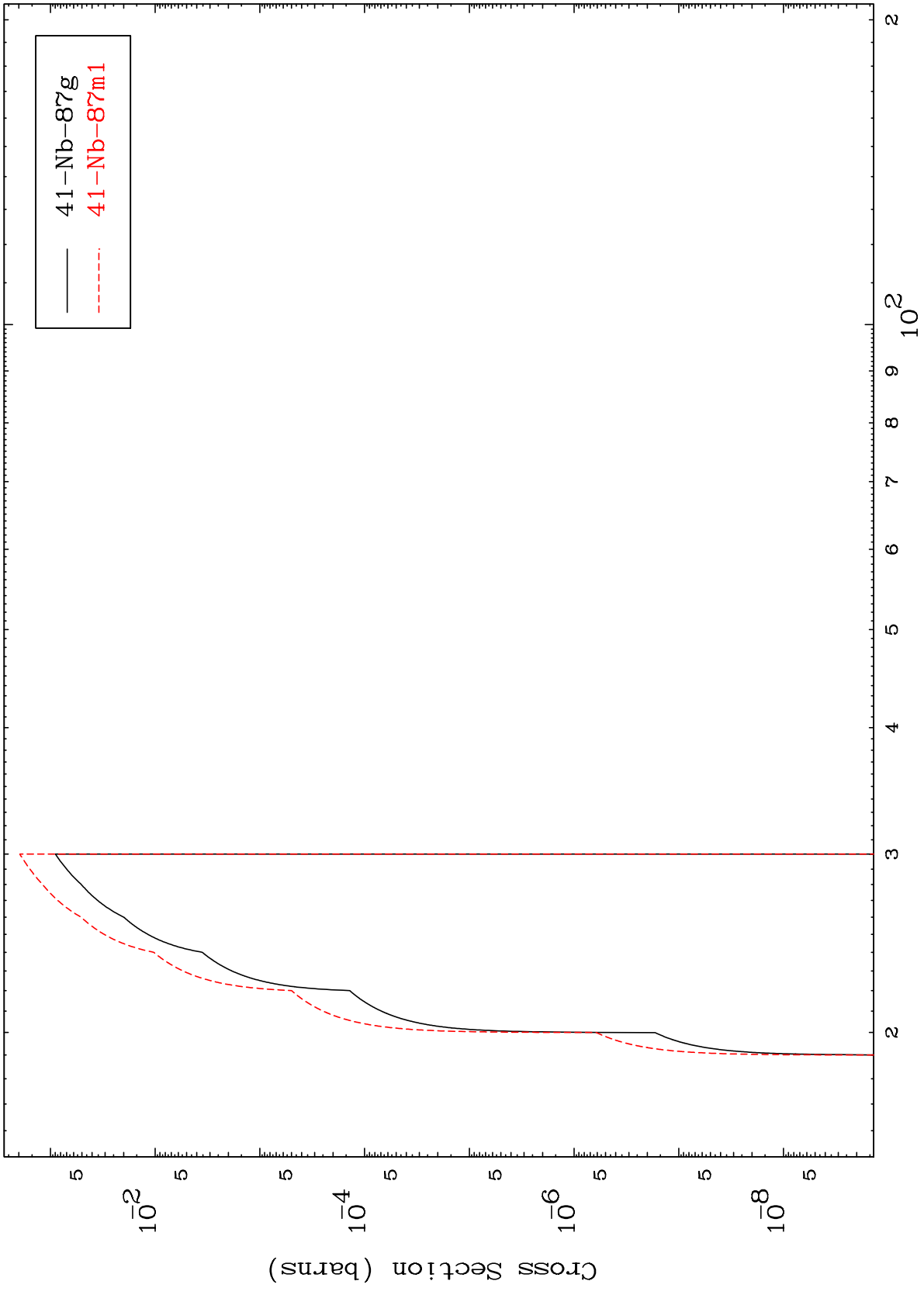
41-Nb-86

MAT 4105

($\alpha, 2n$) p

41-Nb-86

Radionuclide Production Cross Section



14

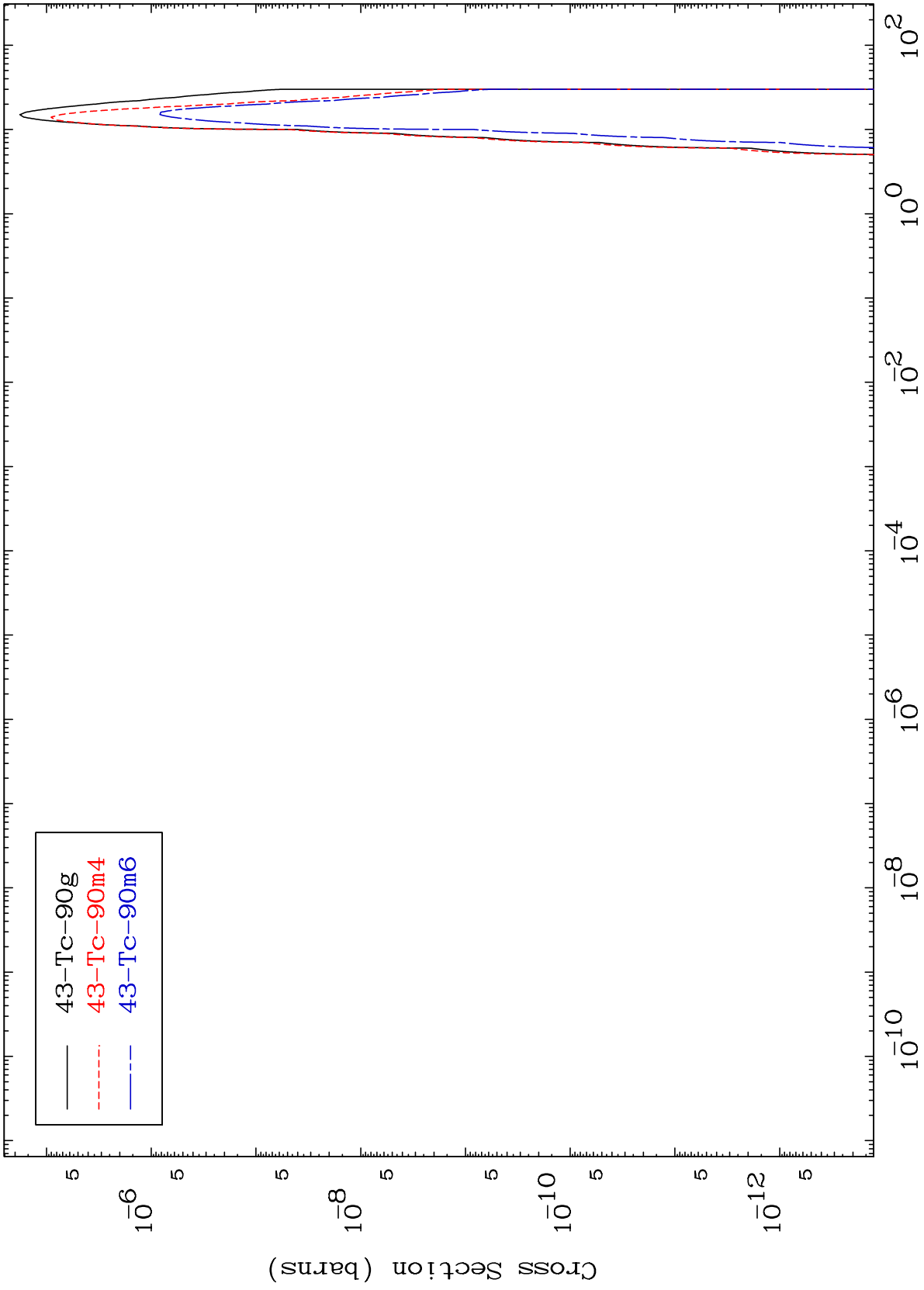
Incident Energy (MeV)

41-Nb-86

MAT 4105

Radionuclide Production Cross Section
(α, γ)

41-Nb-86



15

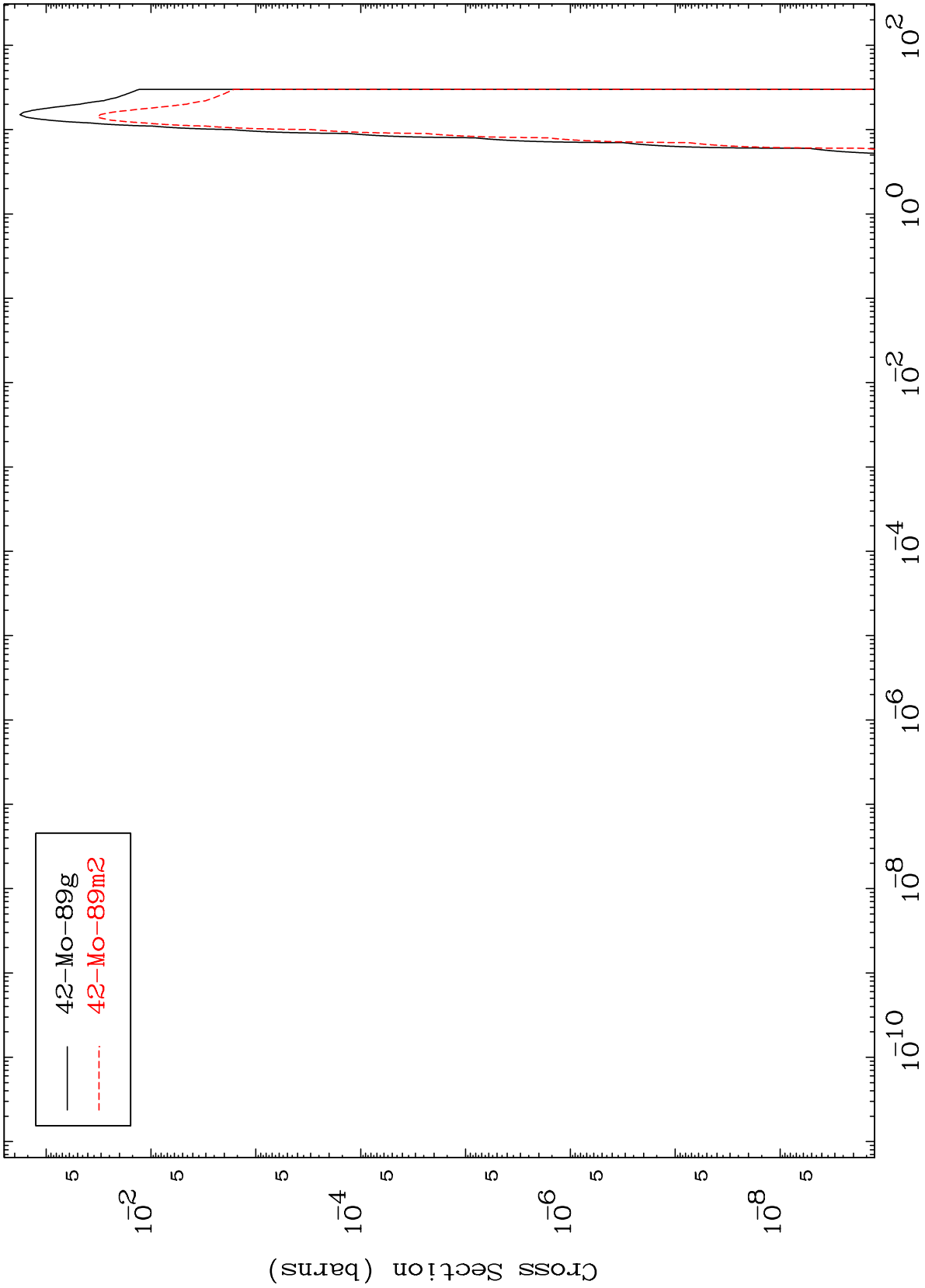
Incident Energy (MeV)

41-Nb-86

MAT 4105

(α, p)
Radionuclide Production Cross Section

41-Nb-86



16

Incident Energy (MeV)

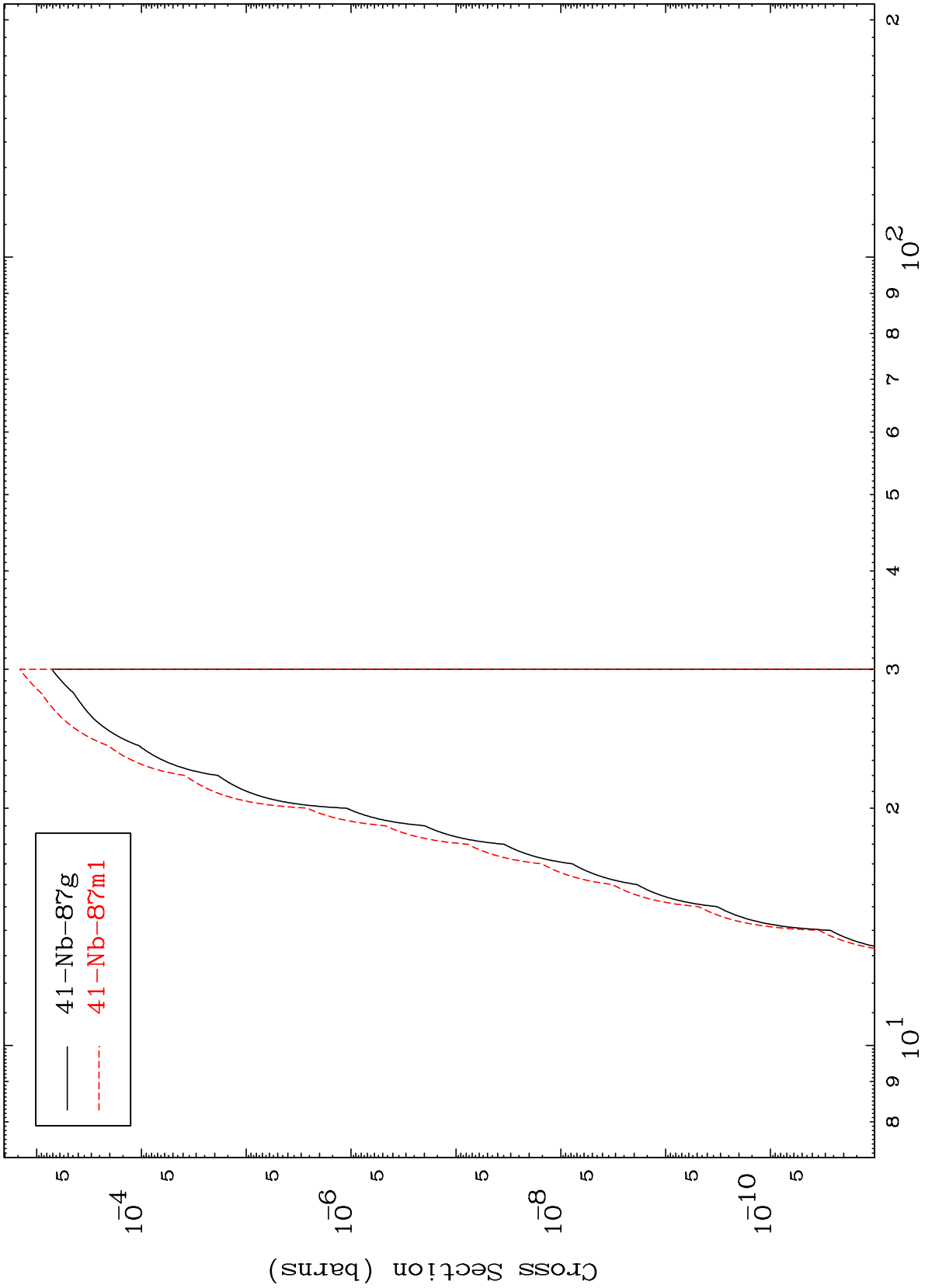
41-Nb-86

MAT 4105

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

41-Nb-86

Radionuclide Production Cross Section



17

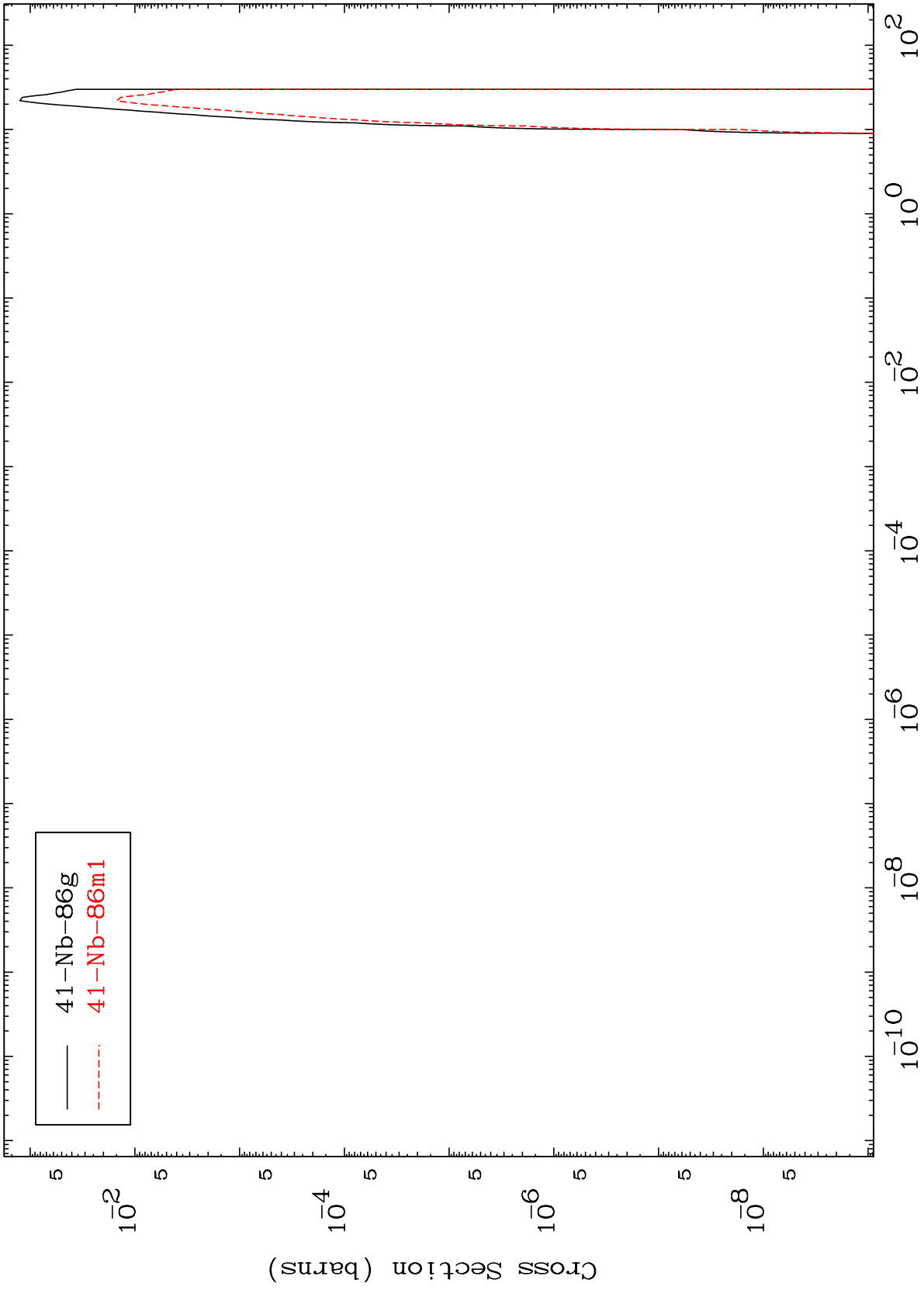
Incident Energy (MeV)

41-Nb-86

MAT 4105

41-Nb-86

(α, α)
Radionuclide Production Cross Section



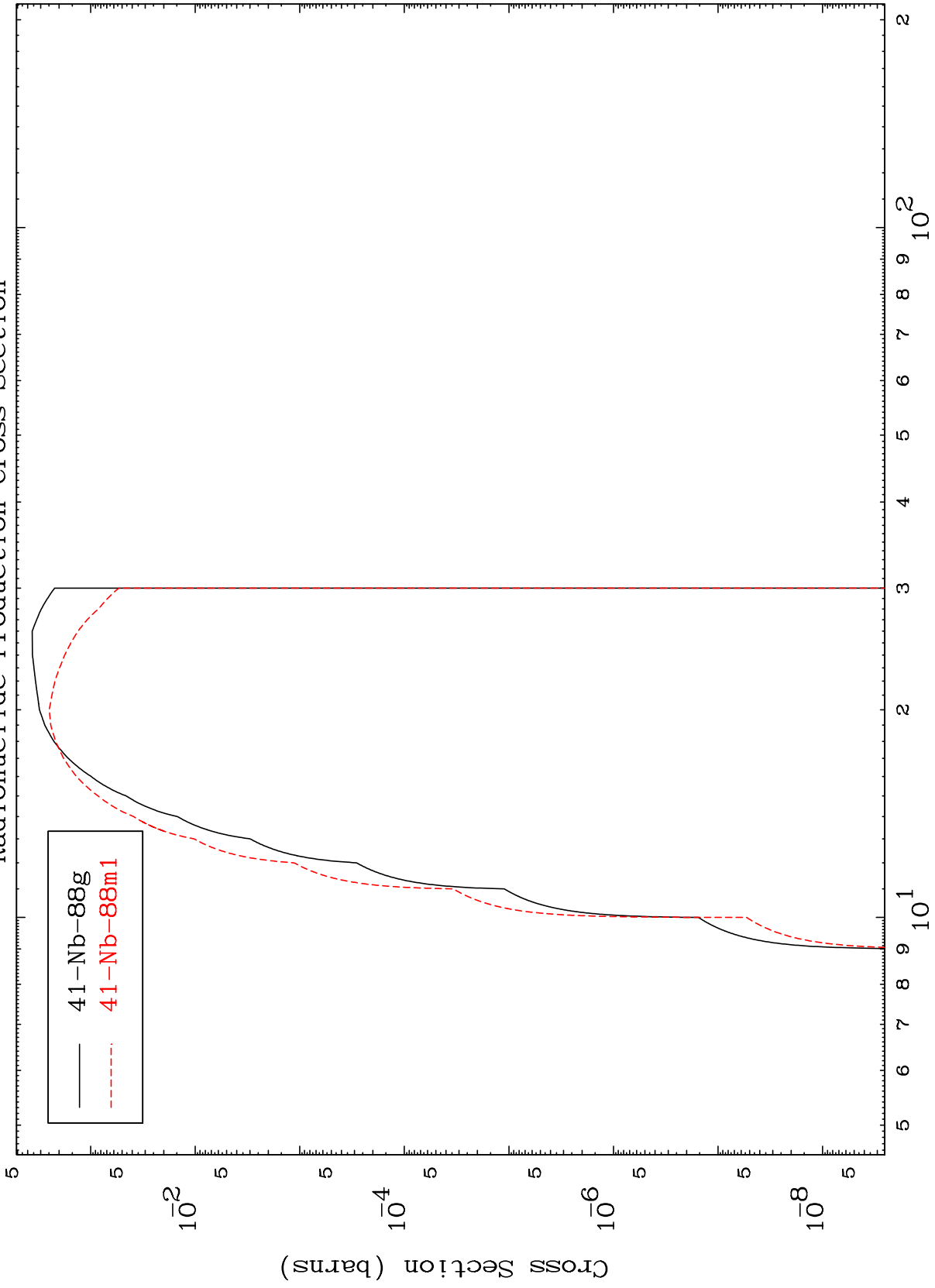
18

41-Nb-86

MAT 4105

41-Nb-86

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



19

Incident Energy (MeV)

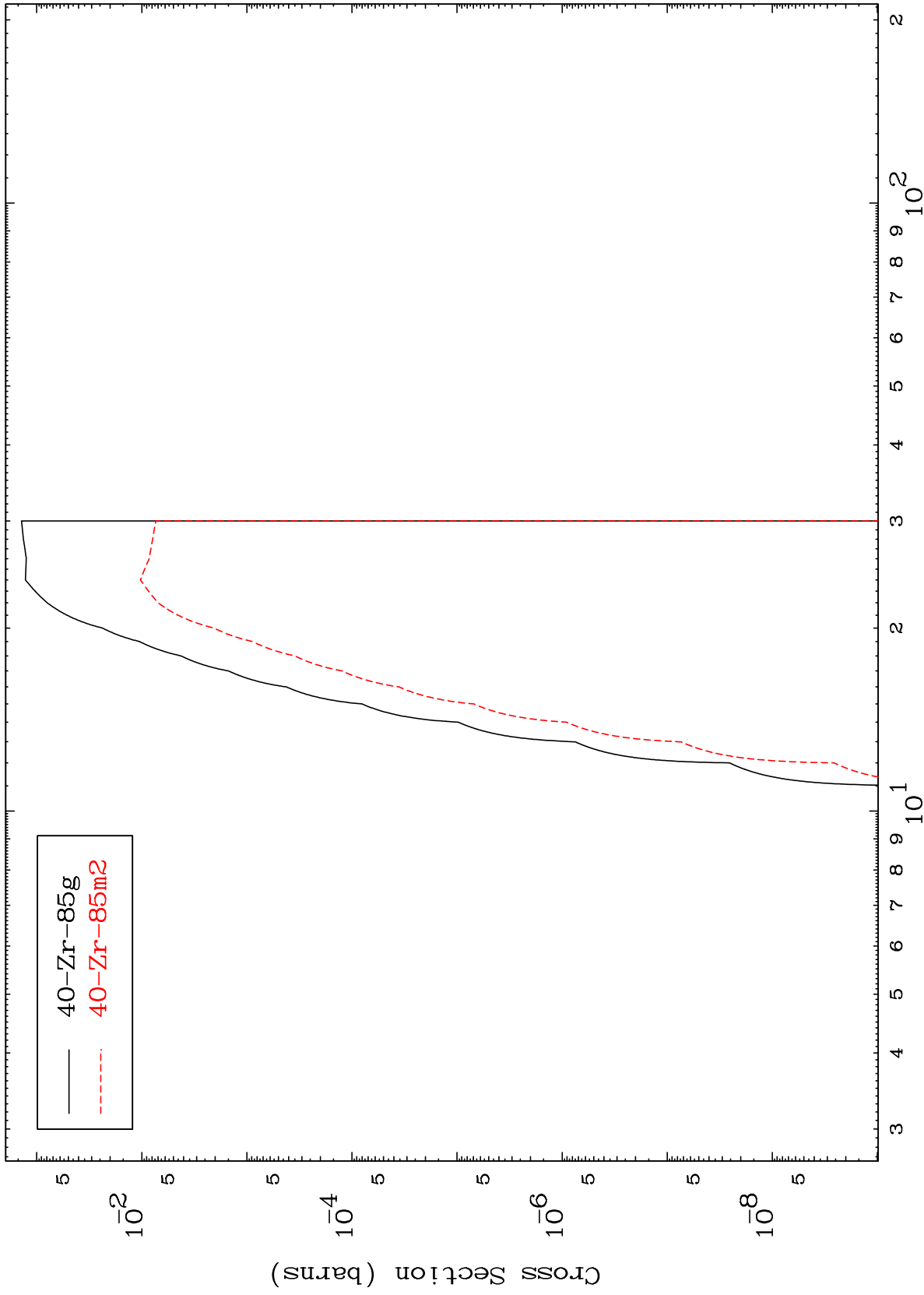
41-Nb-86

MAT 4105

(α, p) α

41-Nb-86

Radionuclide Production Cross Section



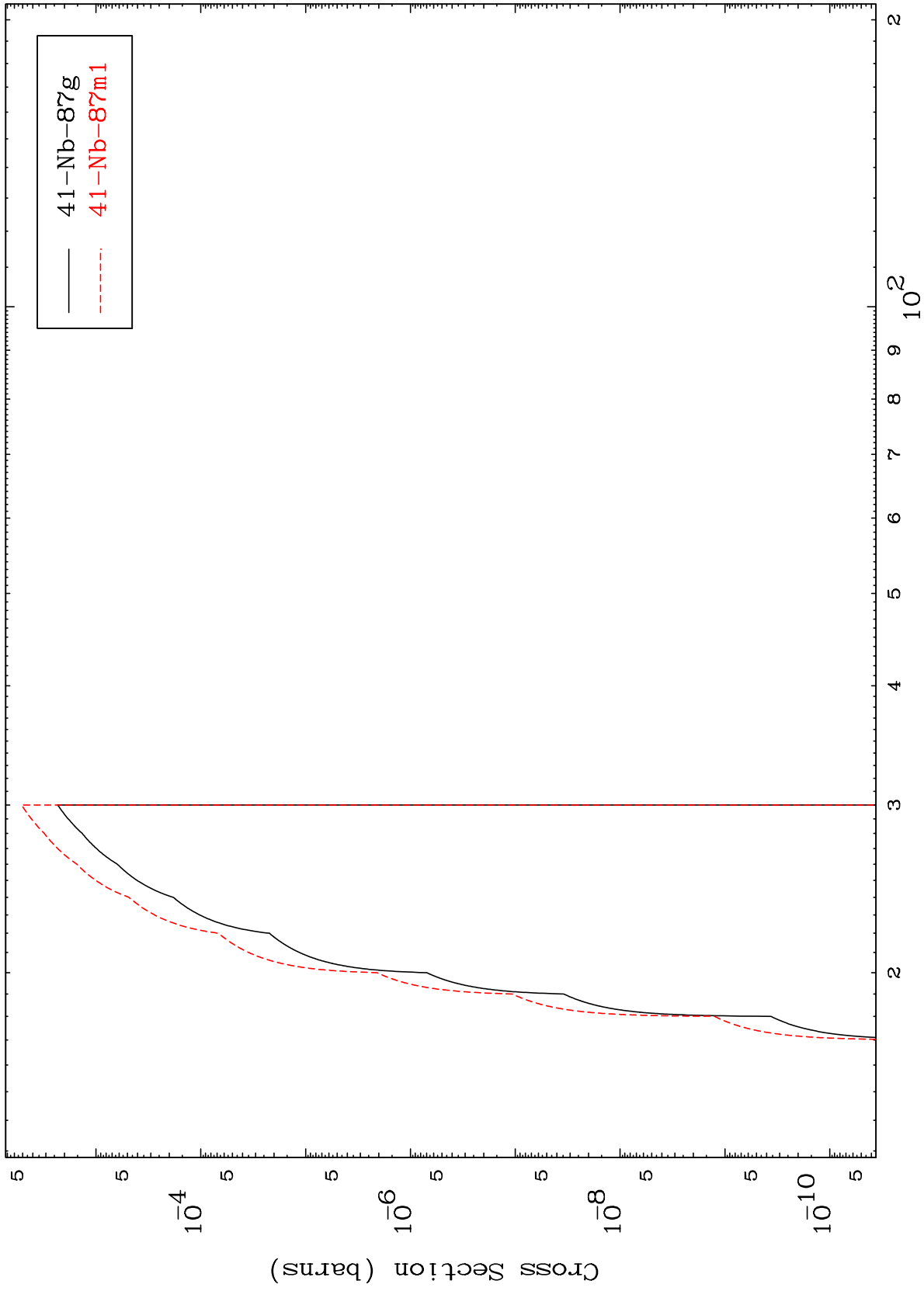
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MAT 4105

(α, p) d

41-Nb-86

Radionuclide Production Cross Section



21

Incident Energy (MeV)

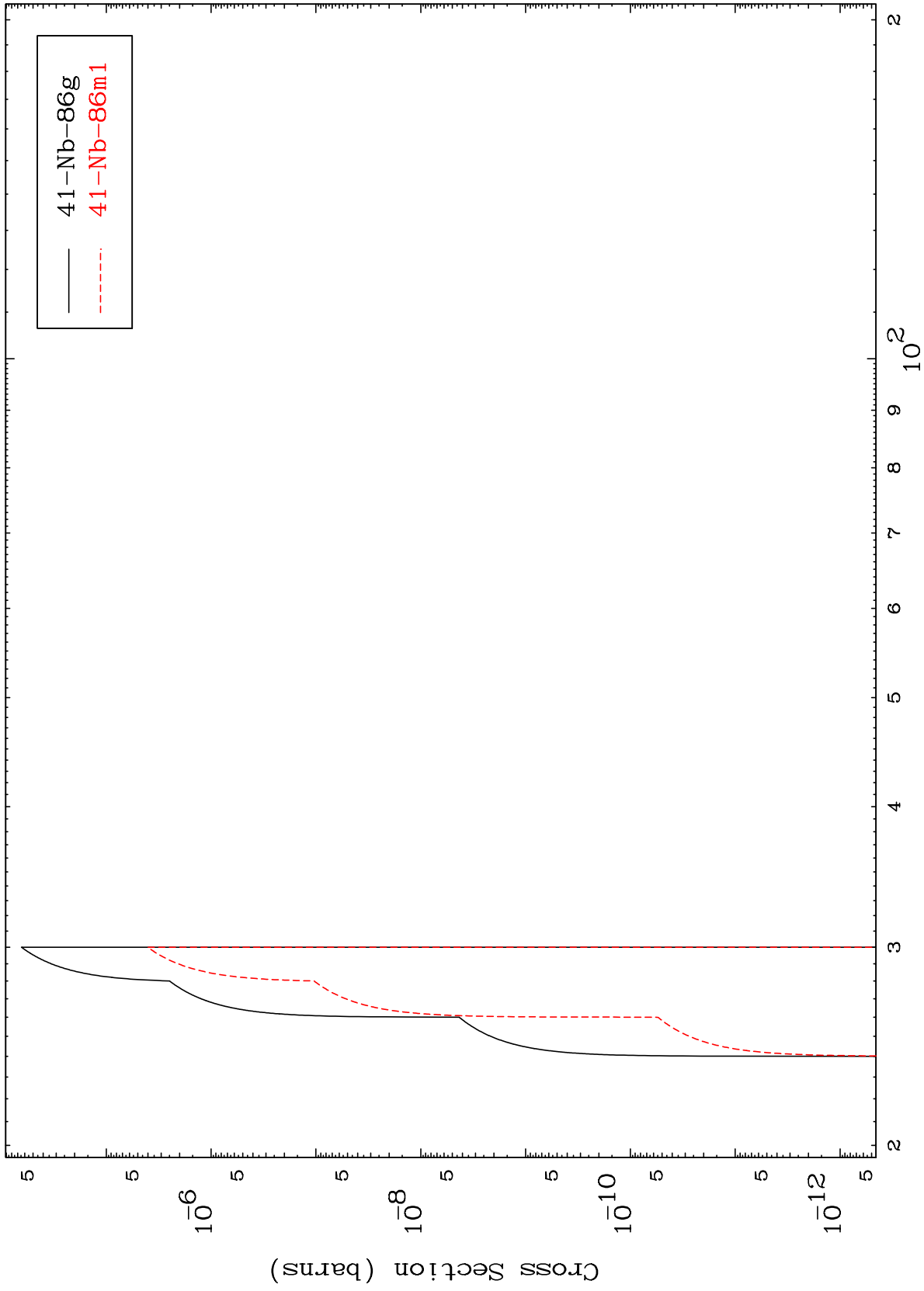
41-Nb-86

MAT 4105

(α, p) t

41-Nb-86

Radionuclide Production Cross Section



22

Incident Energy (MeV)

41-Nb-86