

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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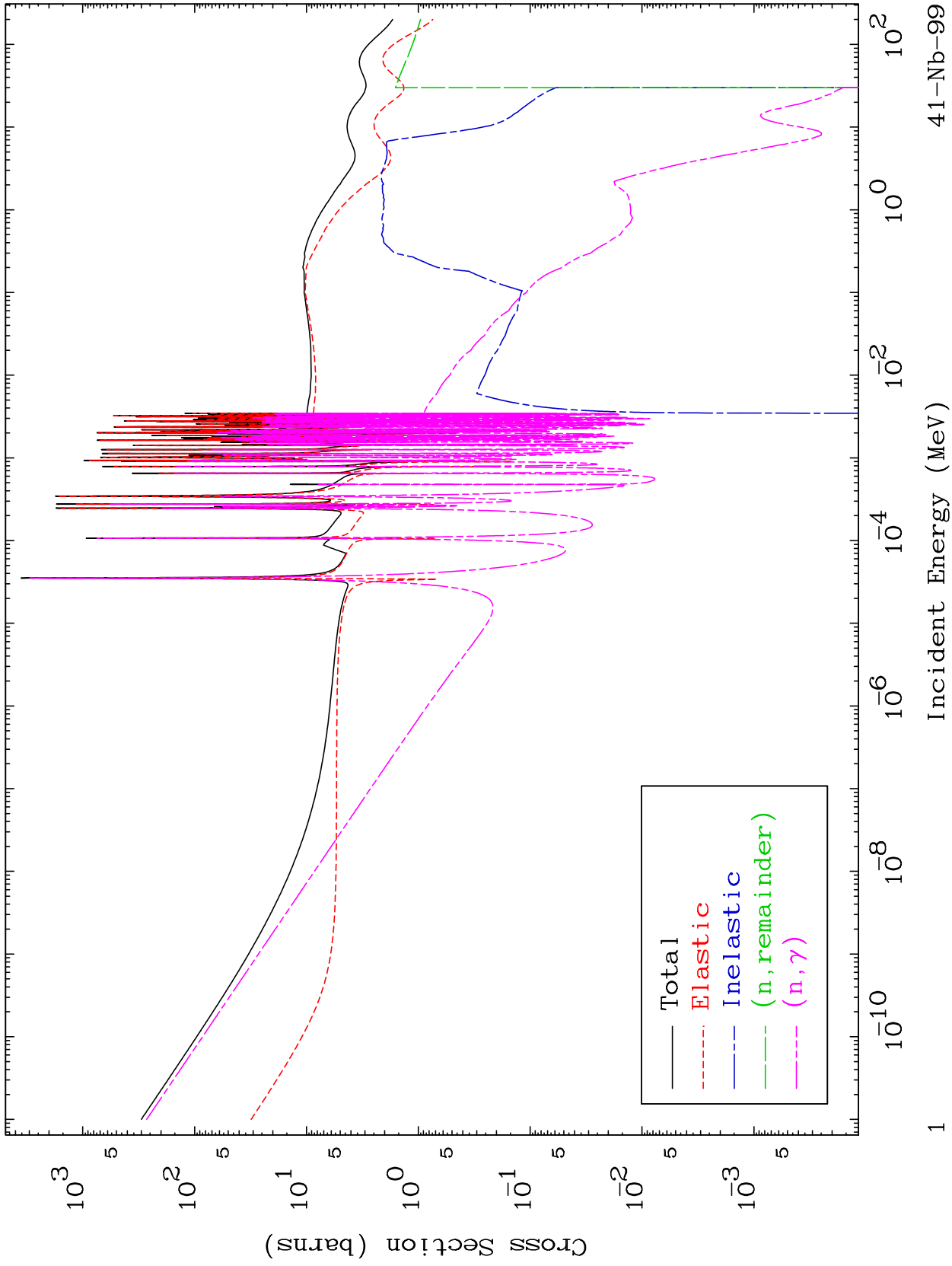
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

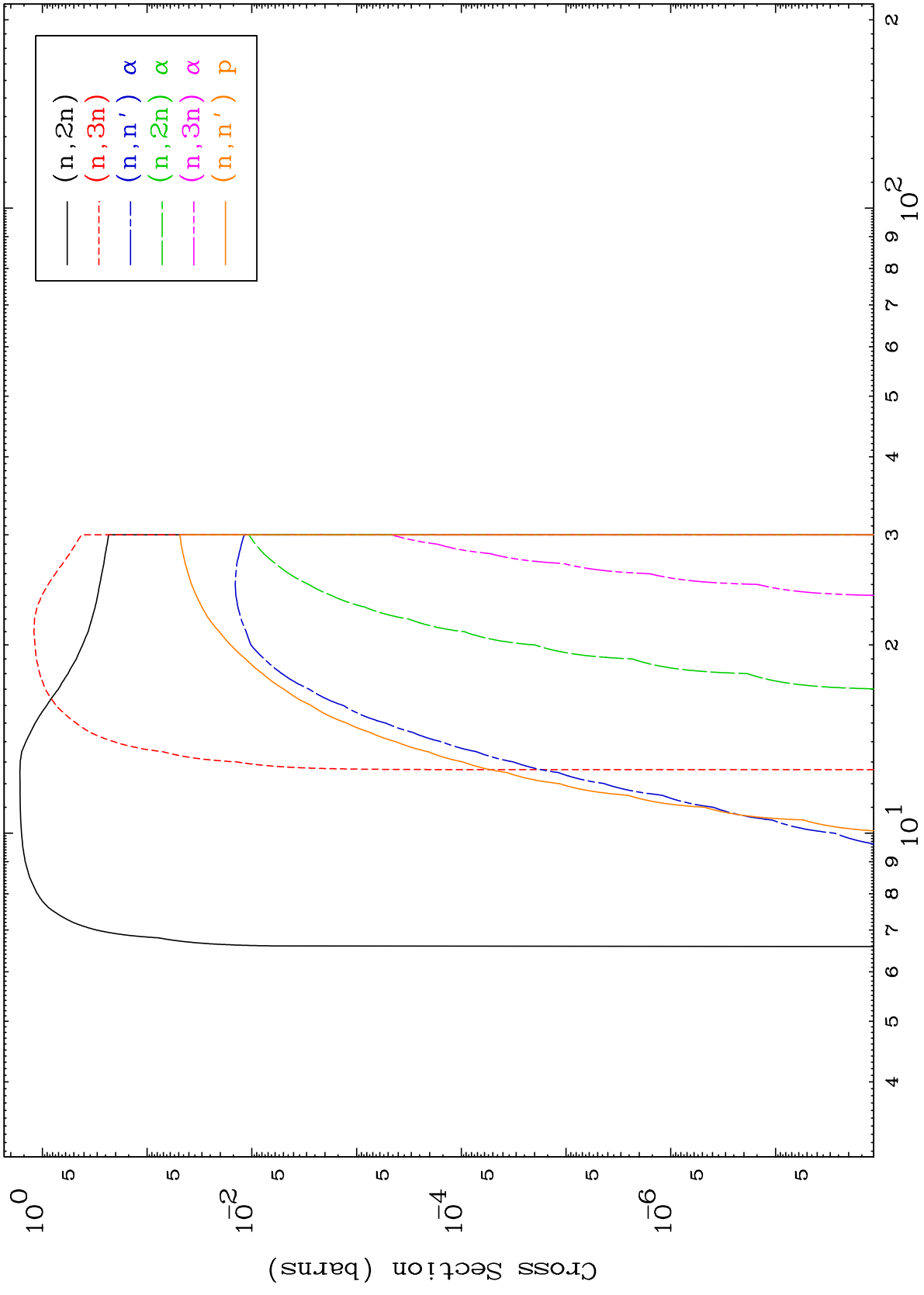
Press Mouse Button to Start

MAT 4144

Major
293 Kelvin Cross Sections

41-Nb-99

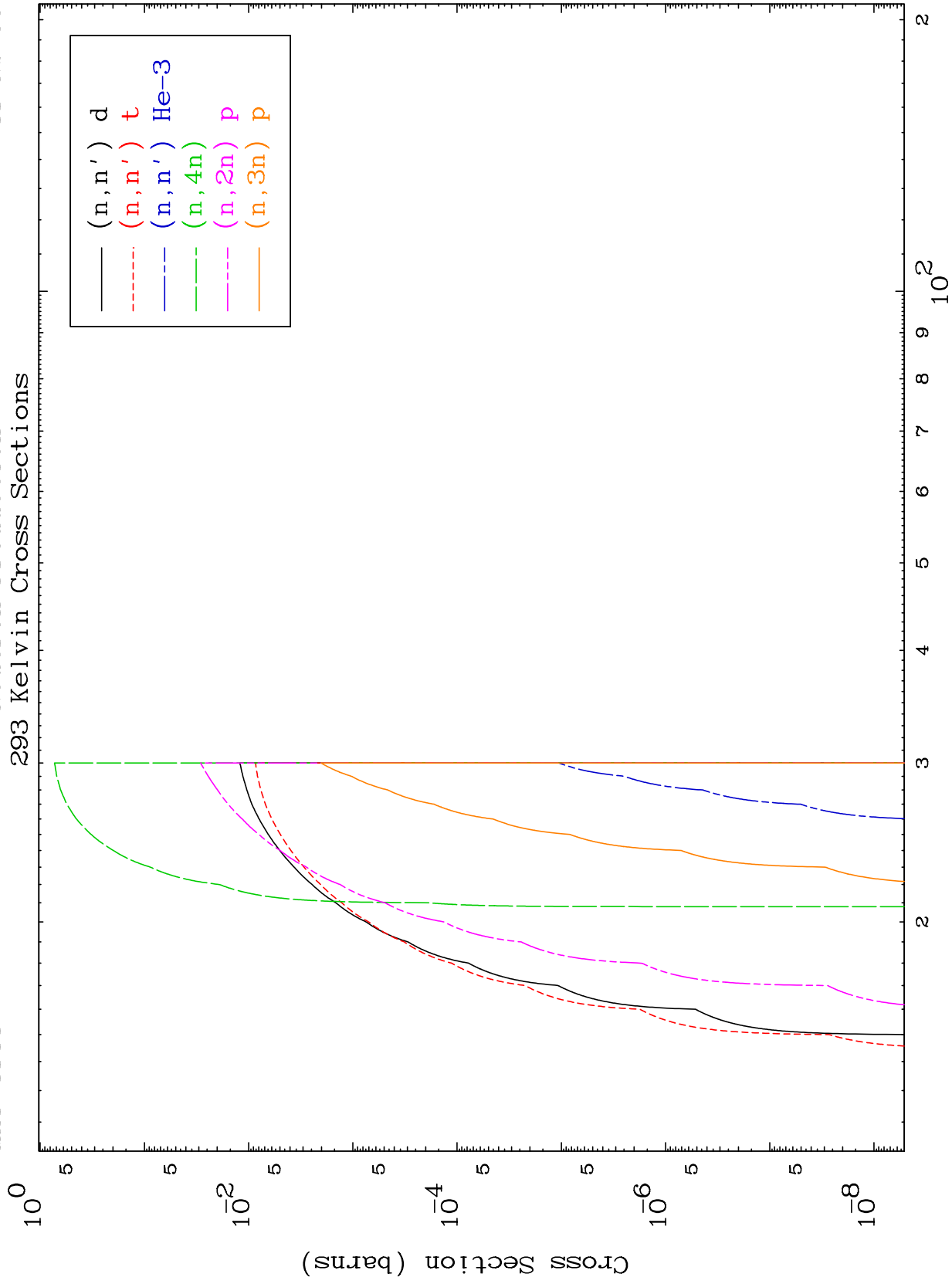




MAT 4144

Neutron Production
293 Kelvin Cross Sections

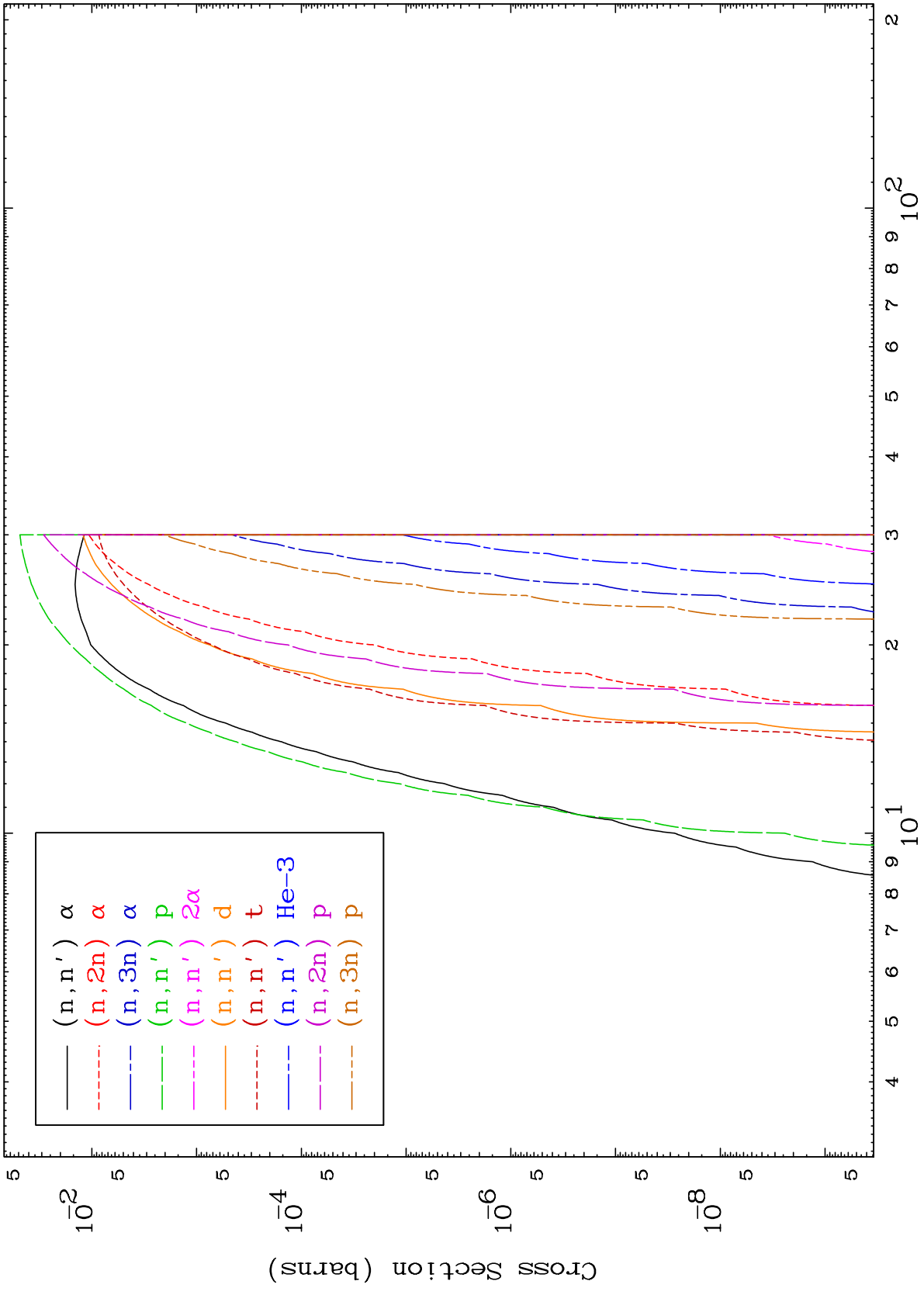
41-Nb-99



3

Incident Energy (MeV)

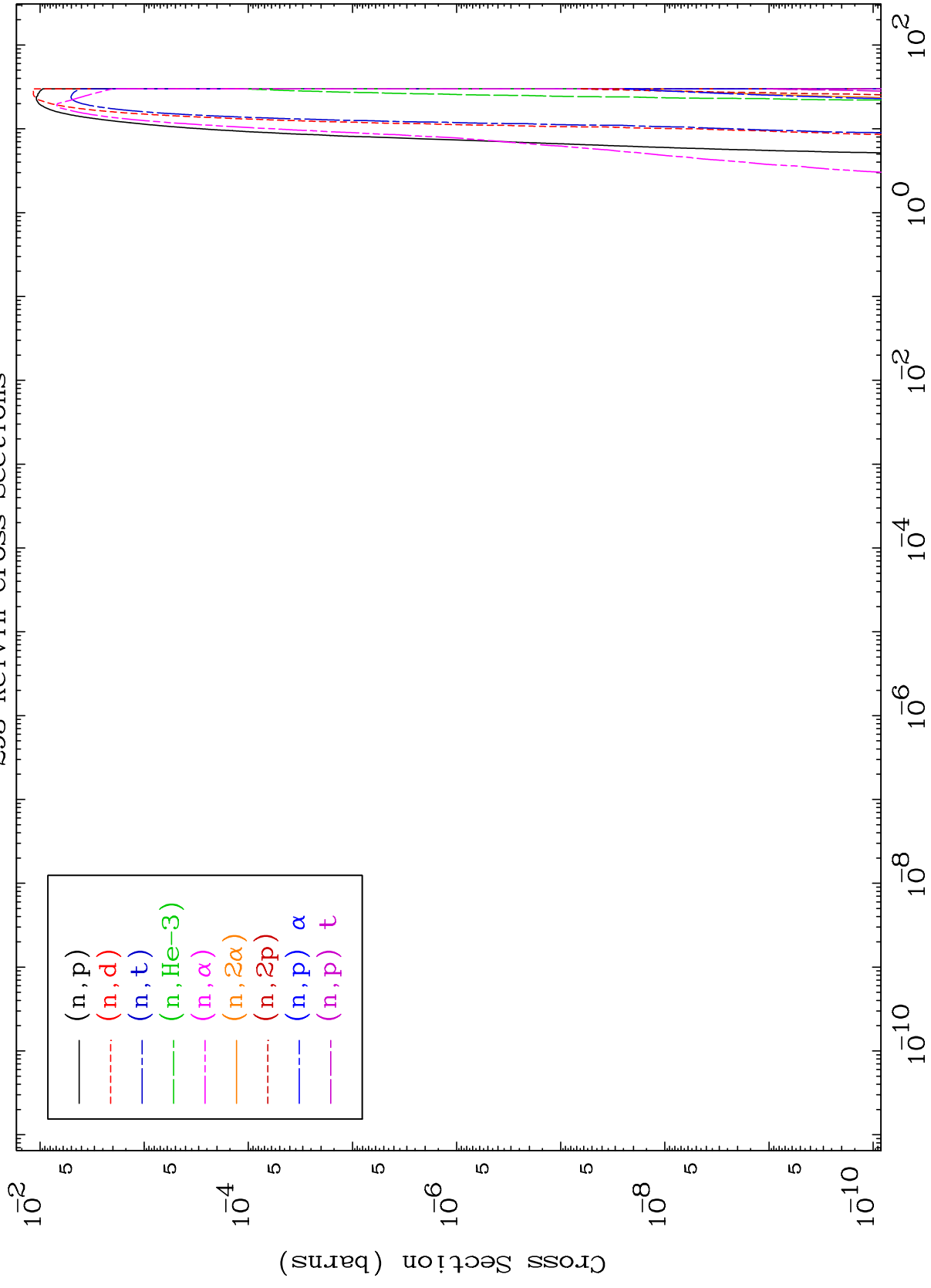
41-Nb-99



MAT 4144

Charged Particle
293 Kelvin Cross Sections

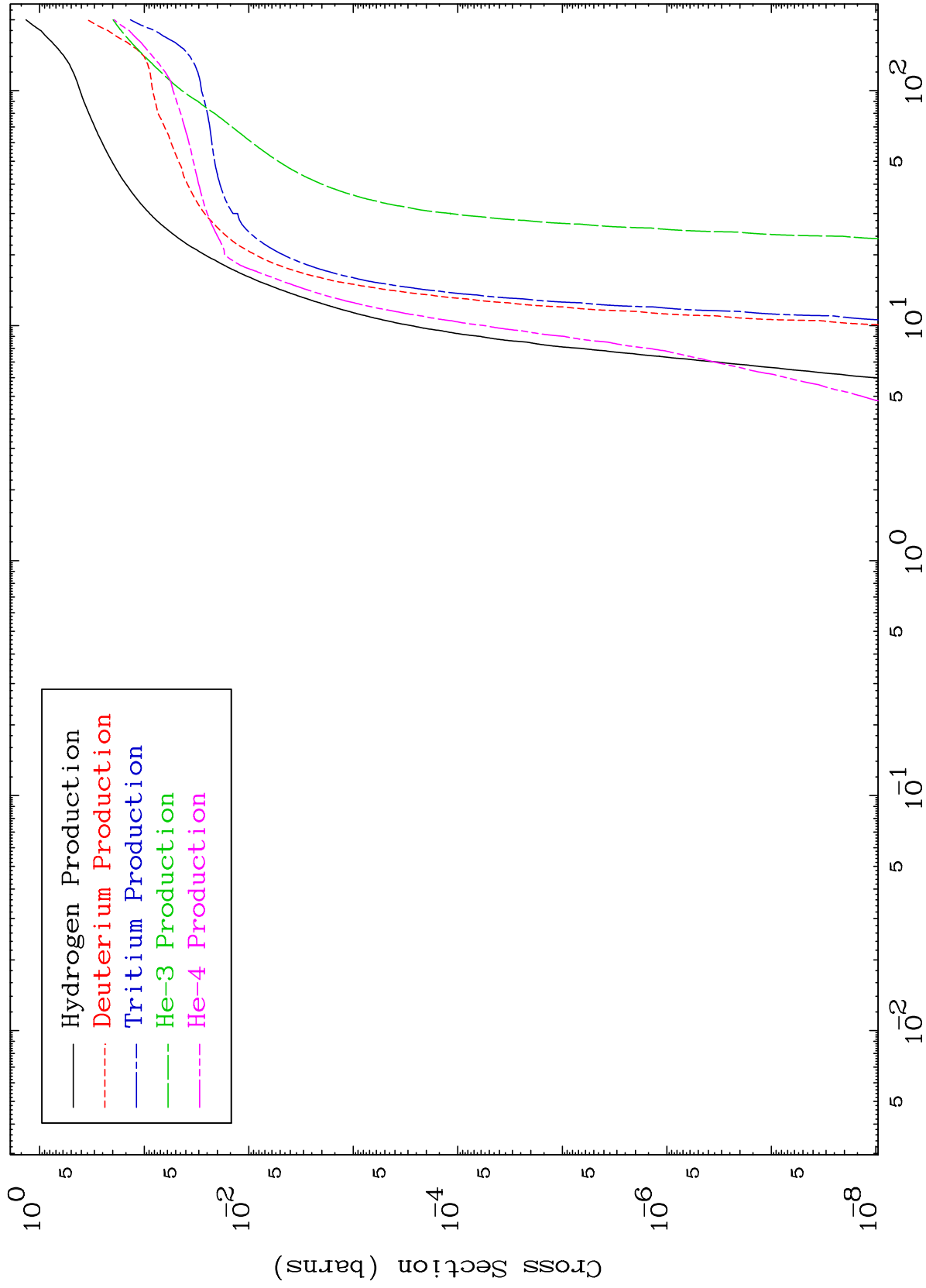
41-Nb-99



MAT 4144

Particle Production
293 Kelvin Cross Sections

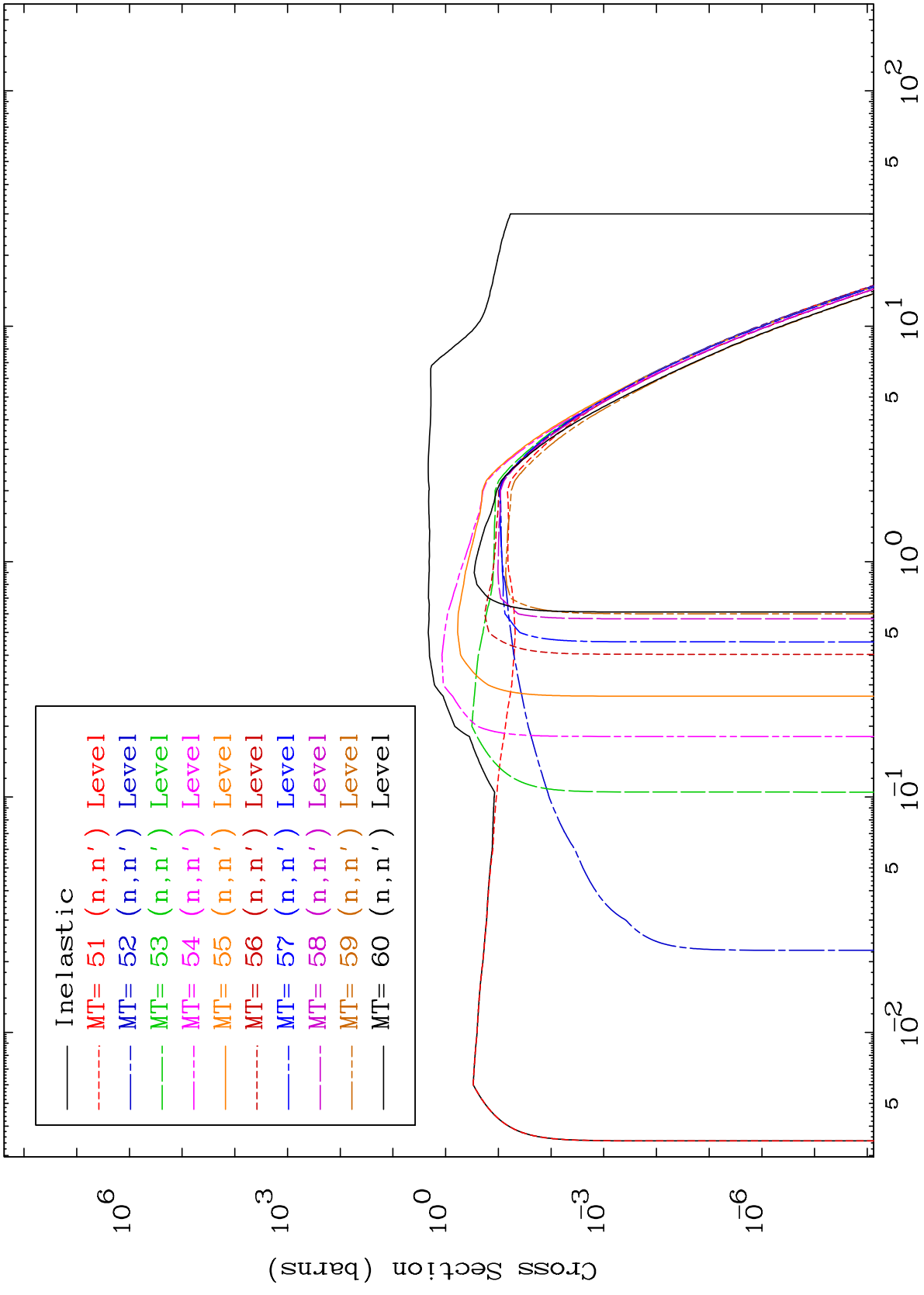
41-Nb-99



6

Incident Energy (MeV)

41-Nb-99

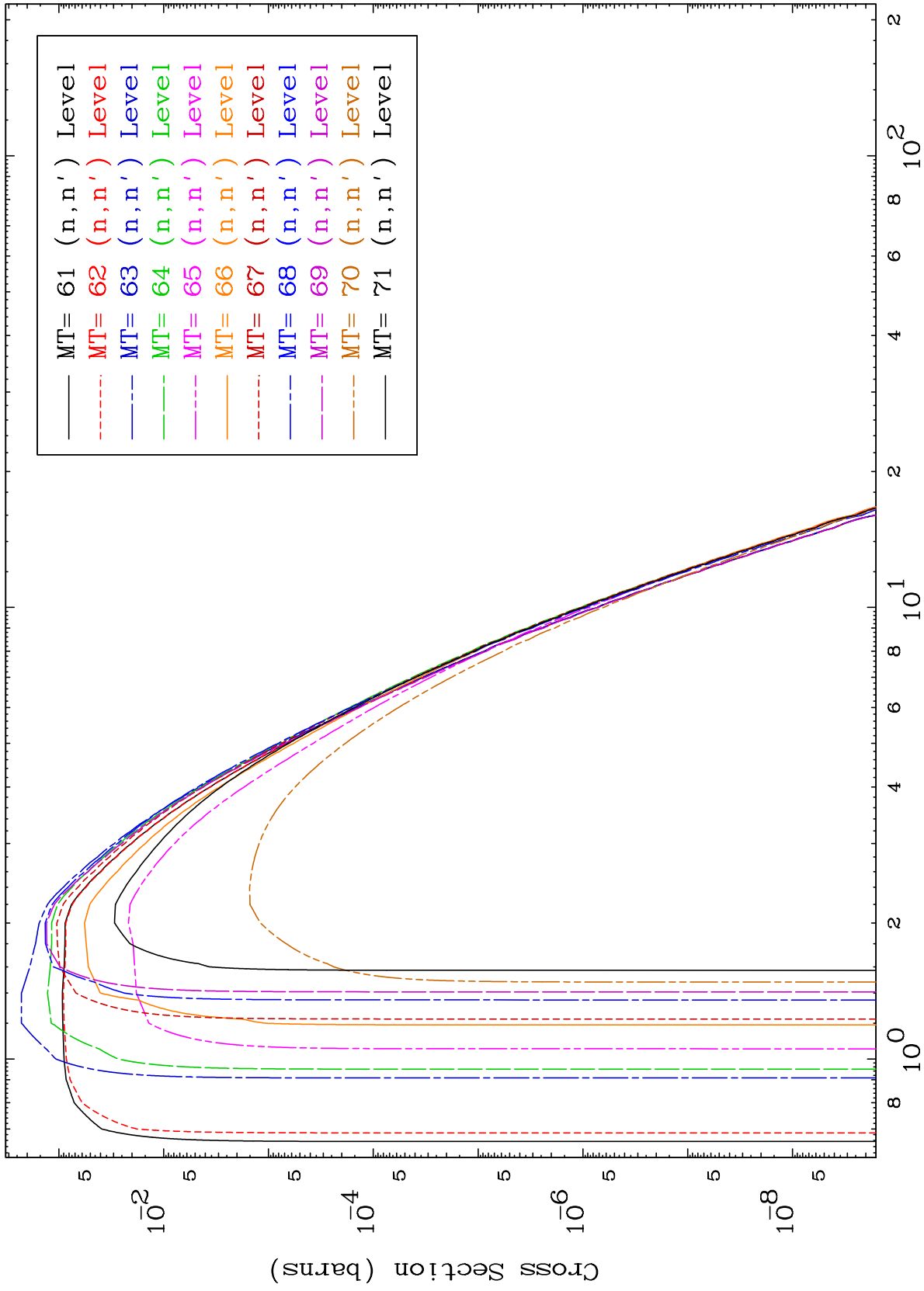


MAT 4144

(n,n') Level

41-Nb-99

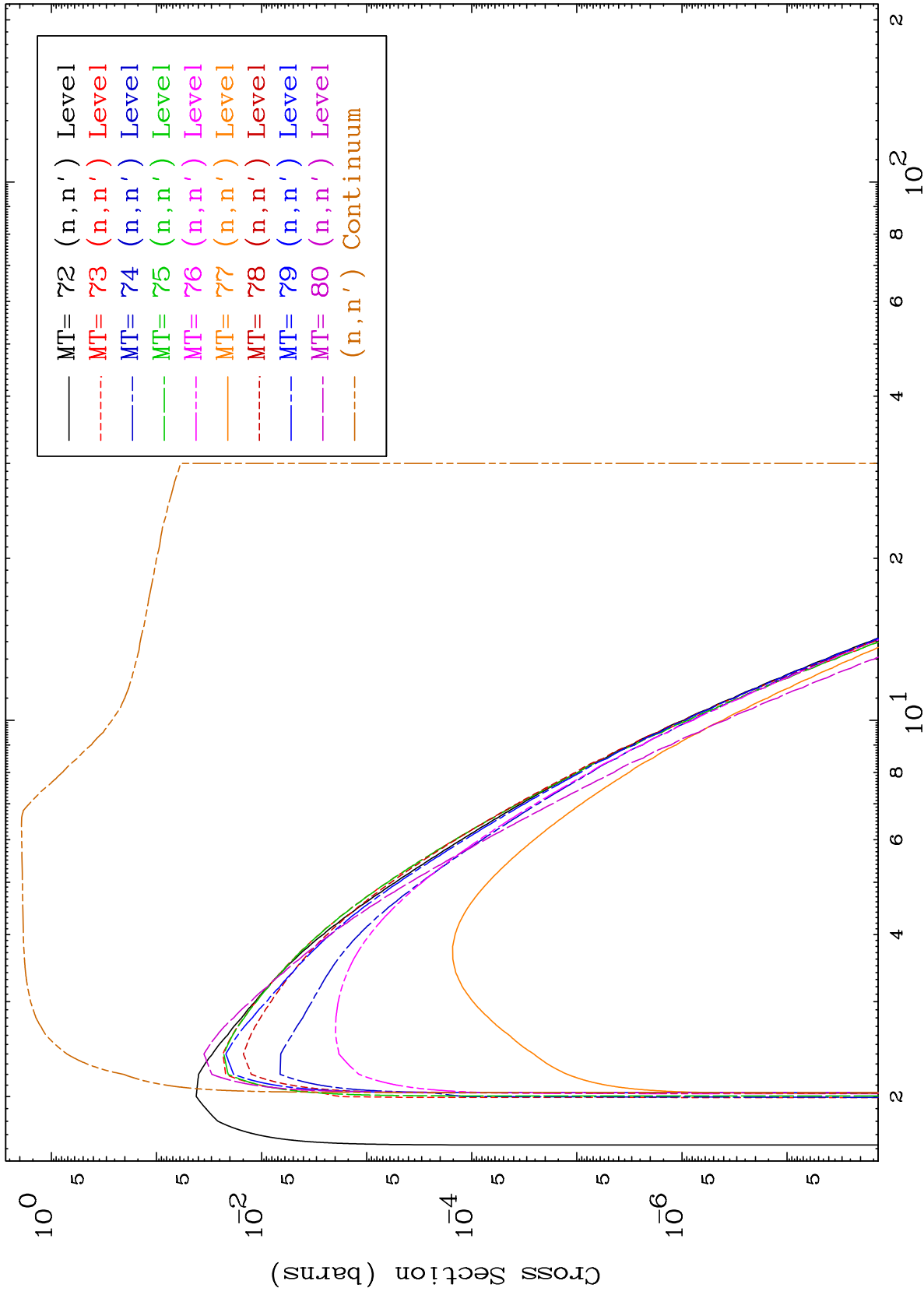
293 Kelvin Cross Sections



8

Incident Energy (MeV)

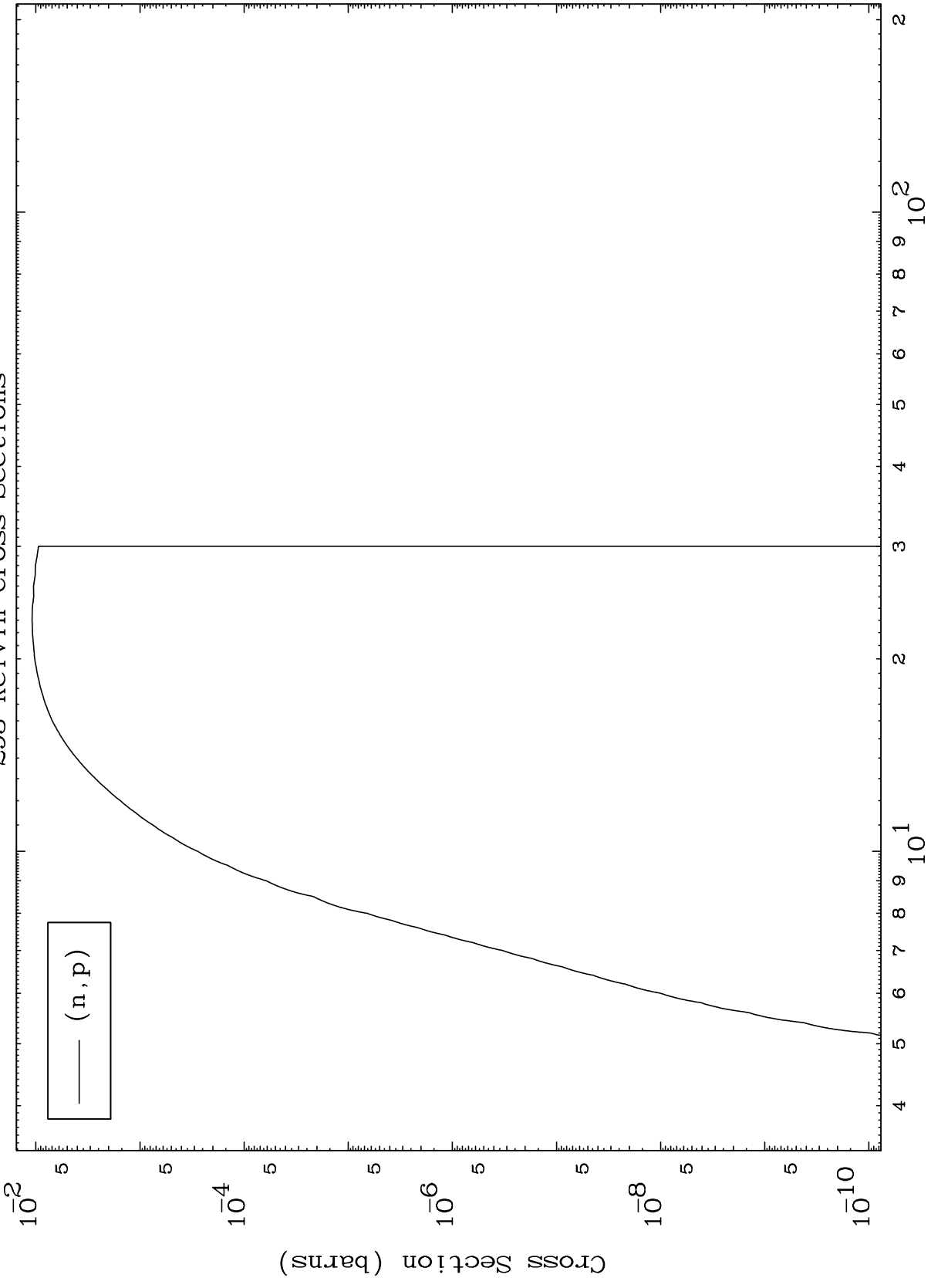
41-Nb-99



MAT 4144

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-99



10

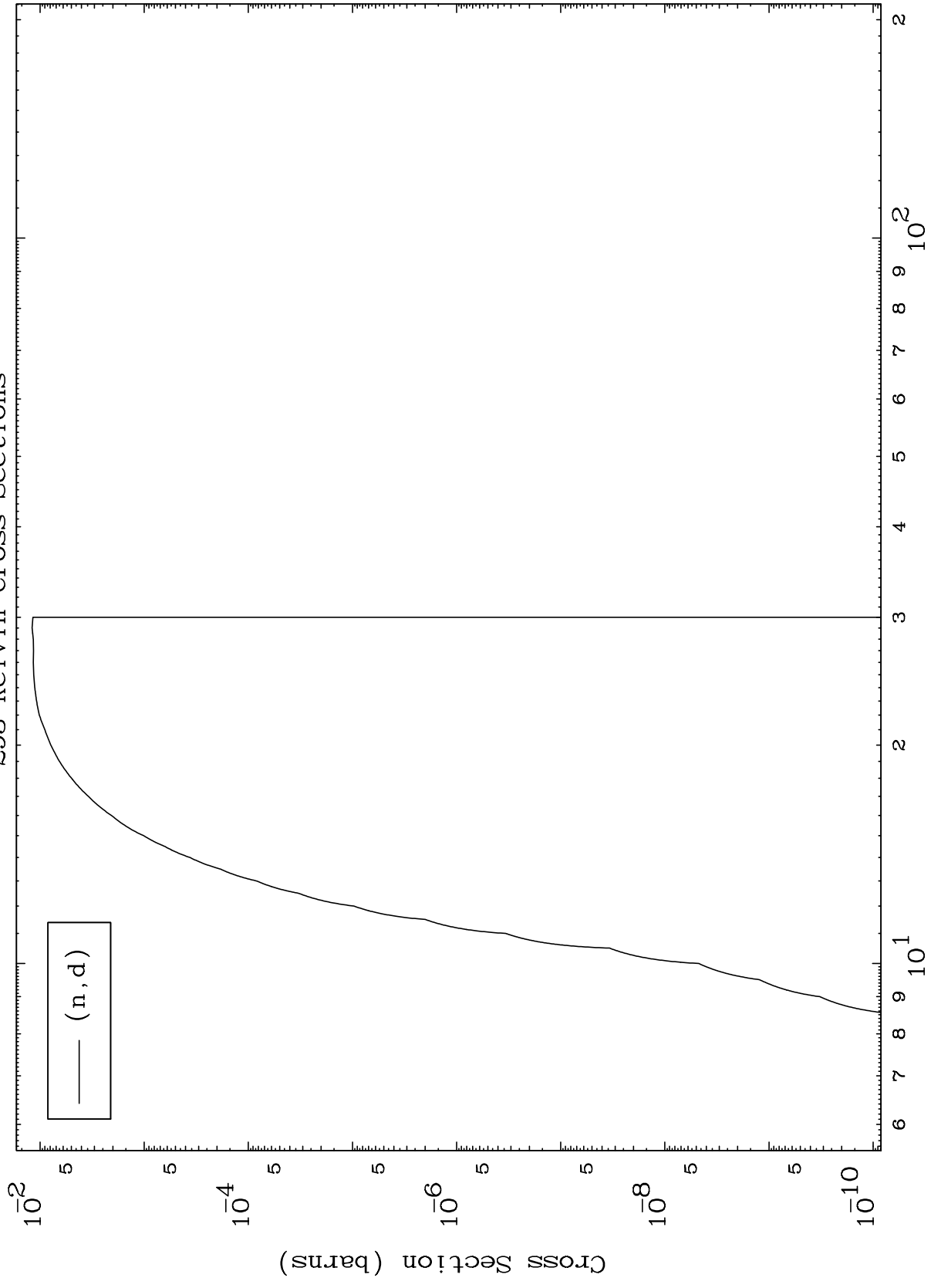
Incident Energy (MeV)

41-Nb-99

MAT 4144

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-99



11

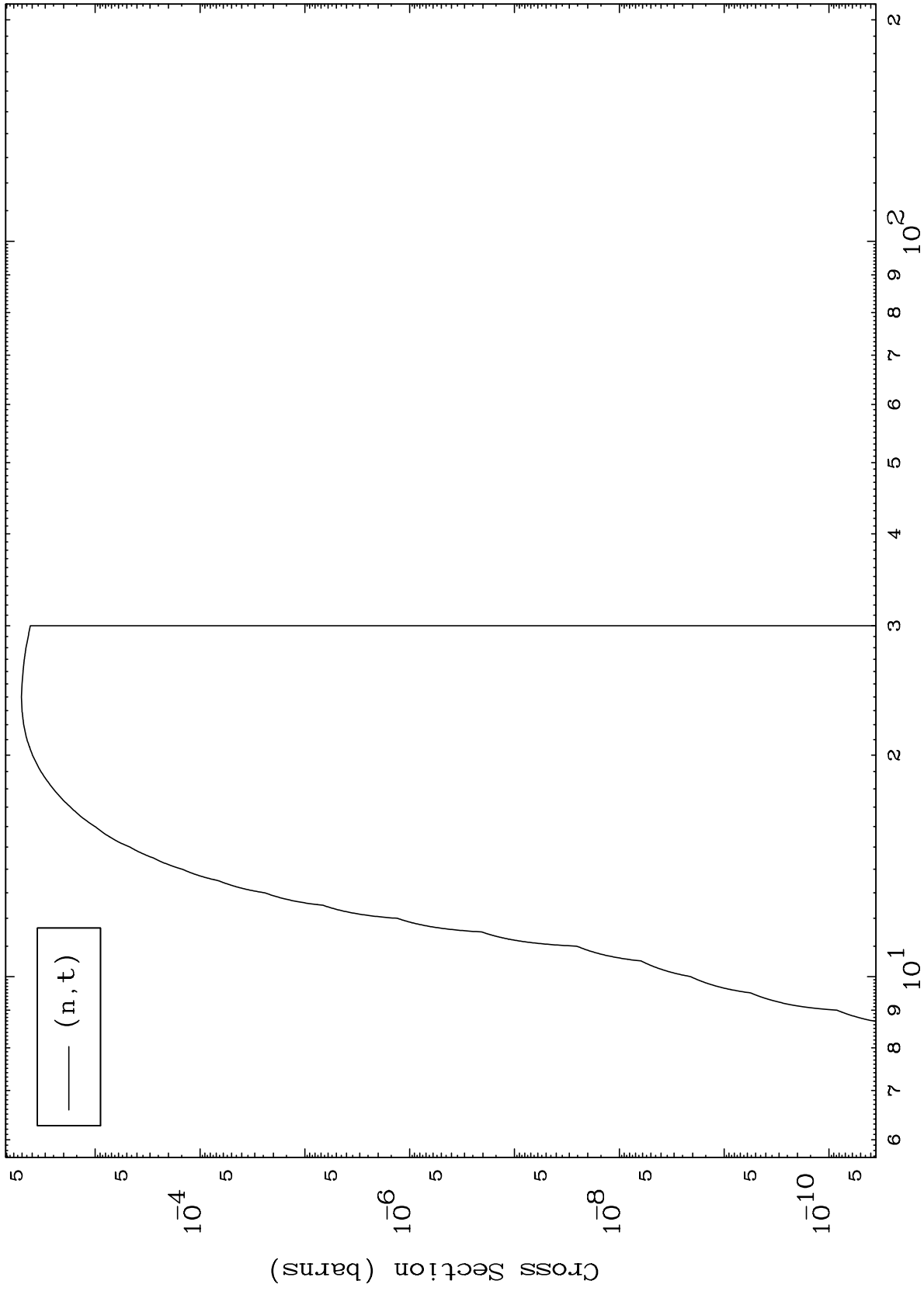
Incident Energy (MeV)

41-Nb-99

MAT 4144

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-99



12

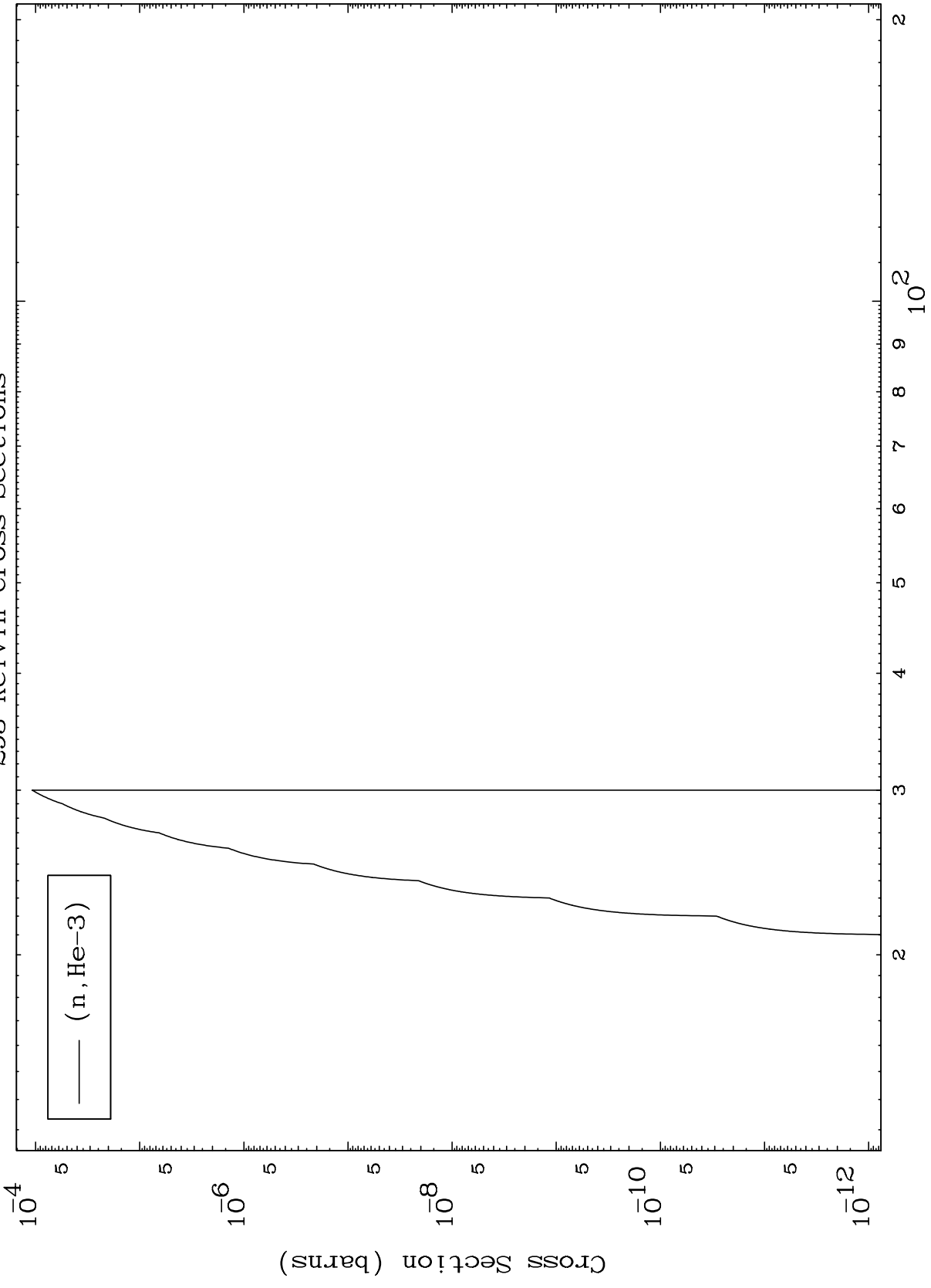
Incident Energy (MeV)

41-Nb-99

MAT 4144

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-99



13

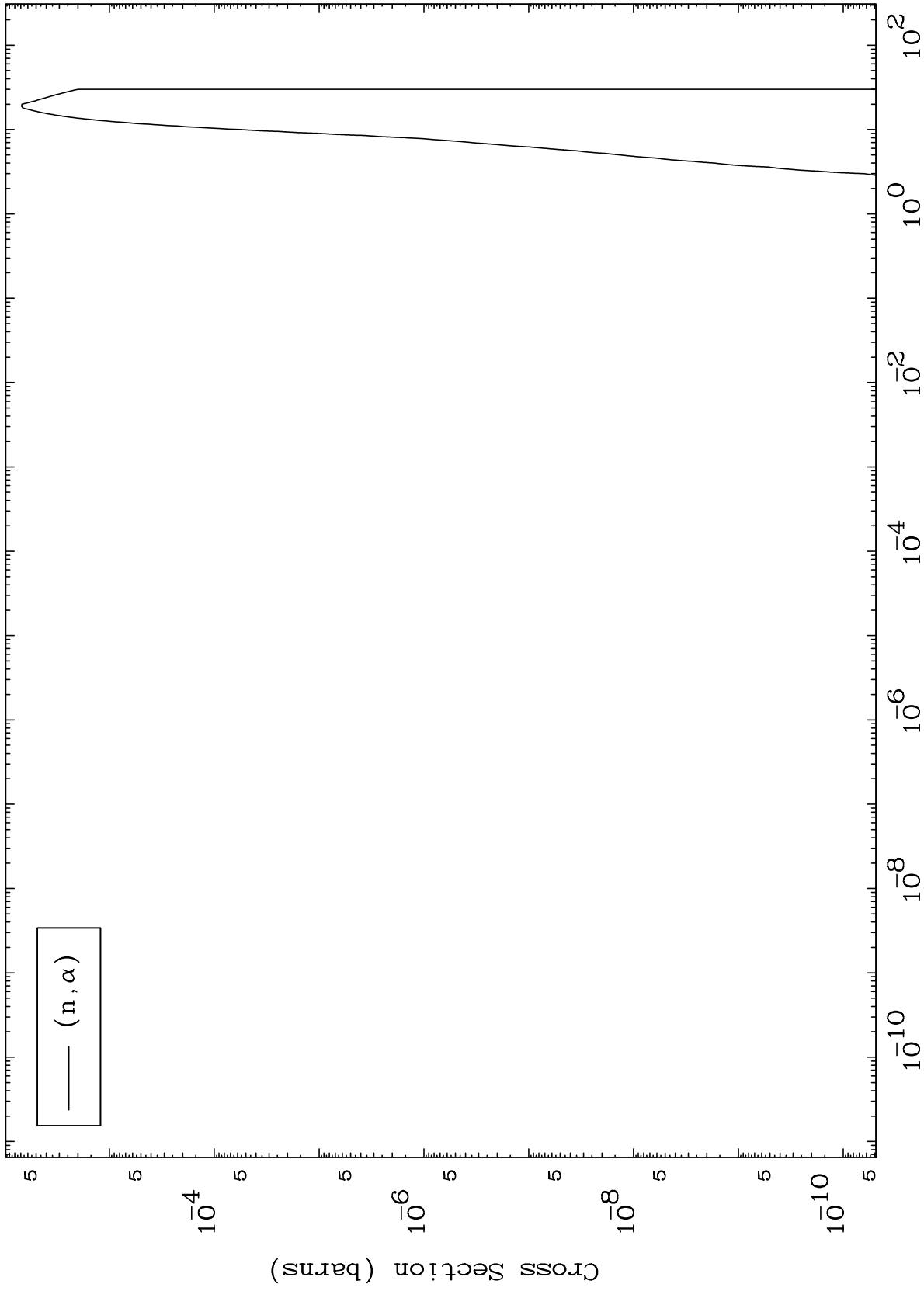
Incident Energy (MeV)

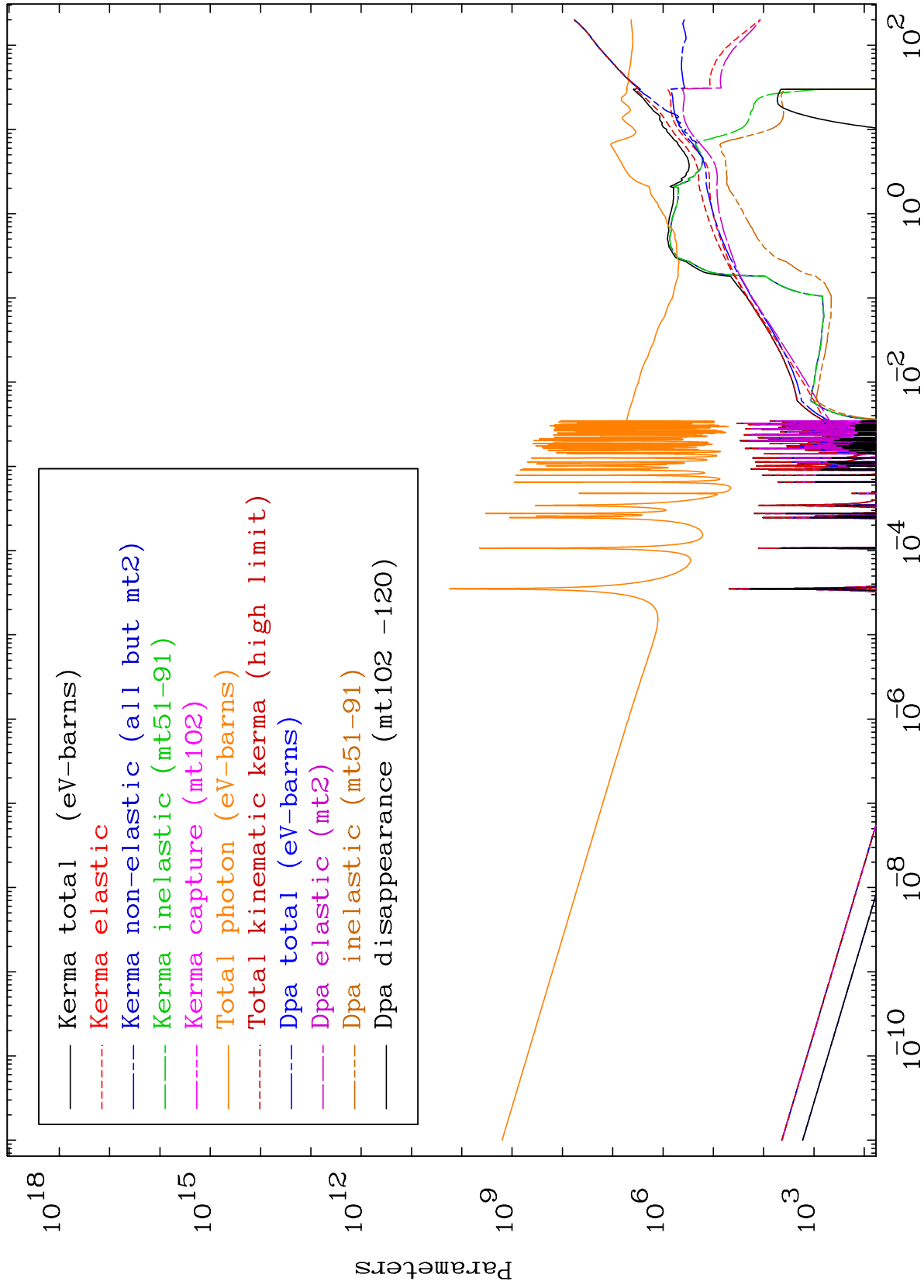
41-Nb-99

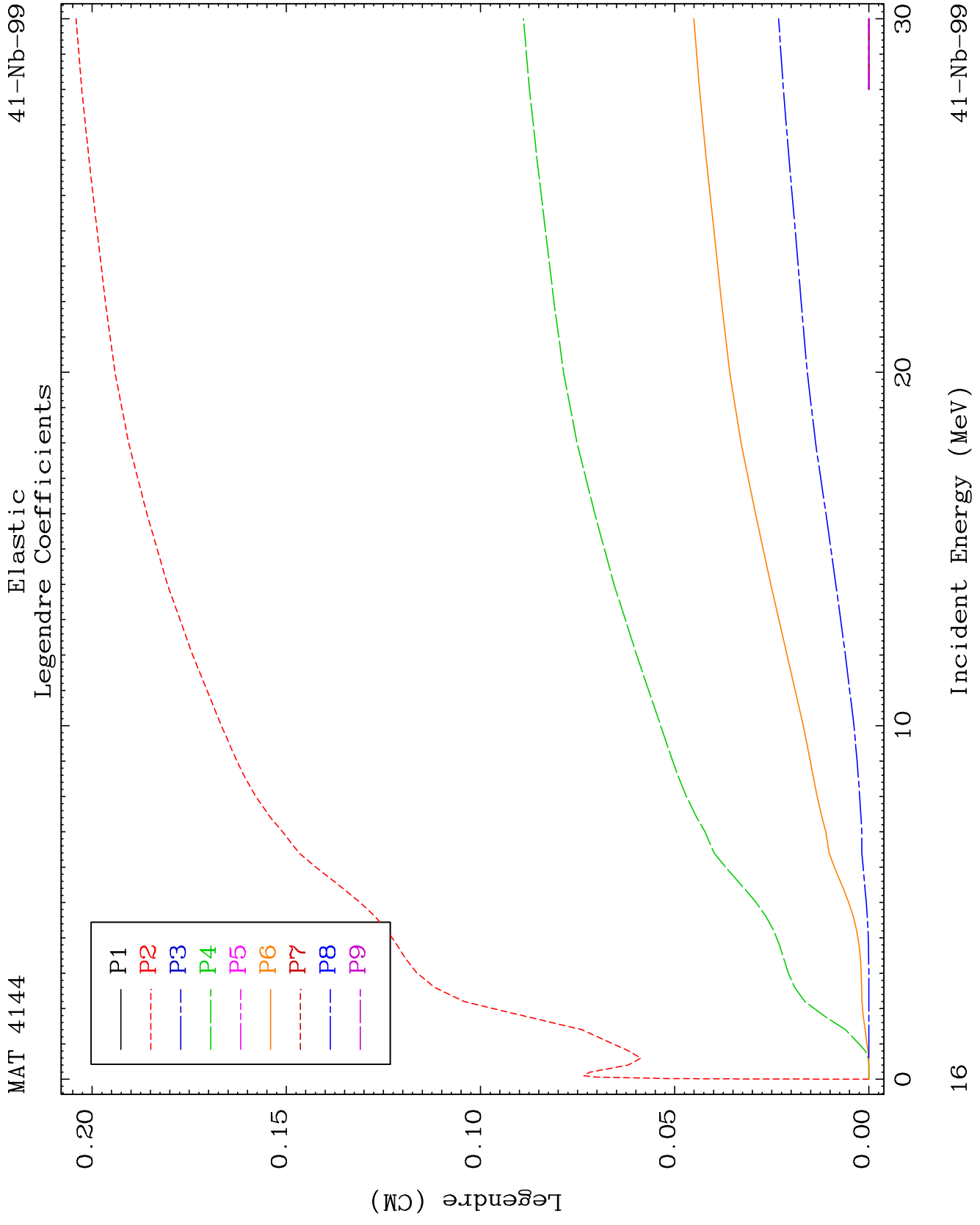
MAT 4144

(n,α) Levels
293 Kelvin Cross Sections

41-Nb-99



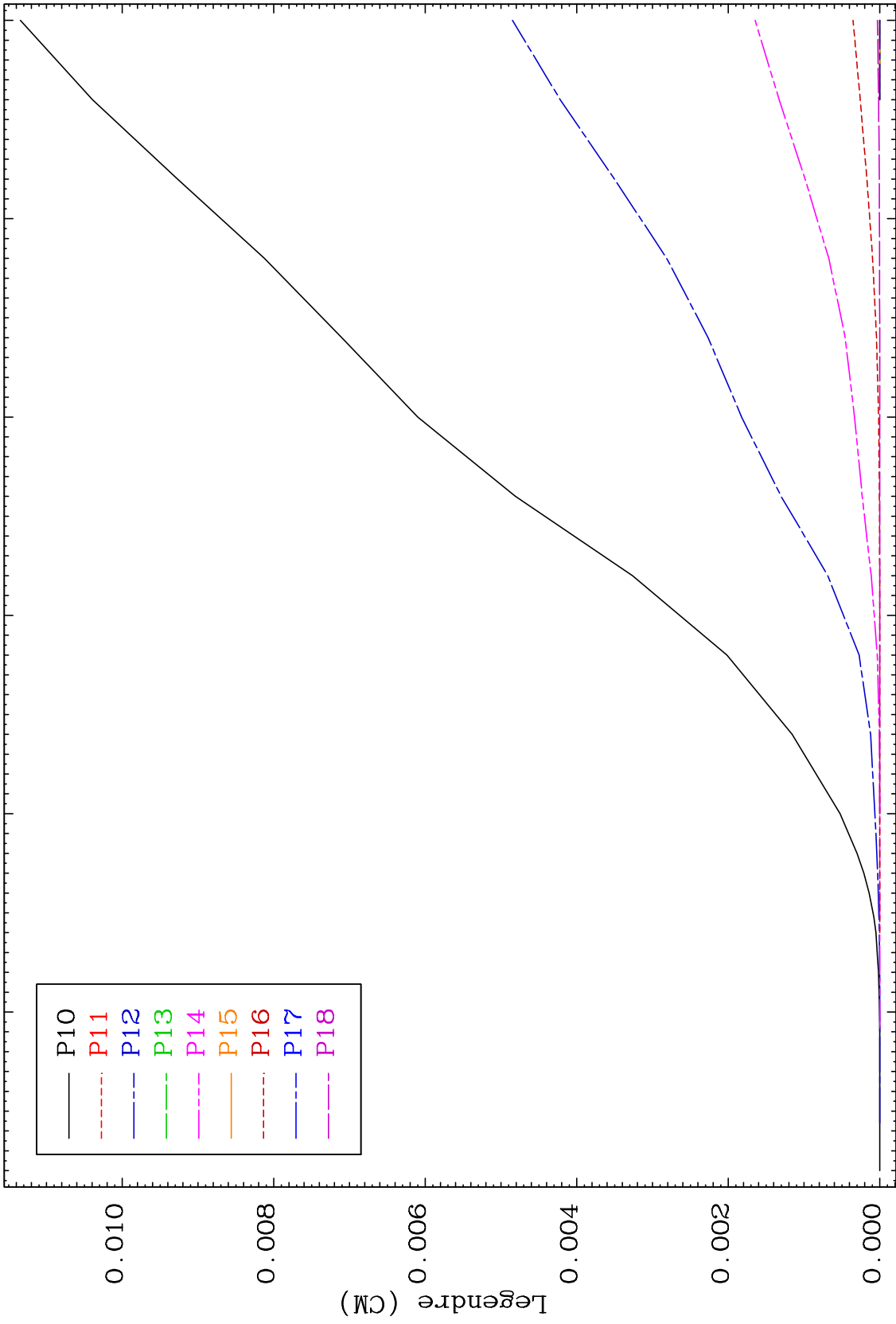




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Elastic Legendre Coefficients

41-Nb-99



17

Incident Energy (MeV)

41-Nb-99

MAT 4144

Elastic Legendre Coefficients

41-Nb-99



18

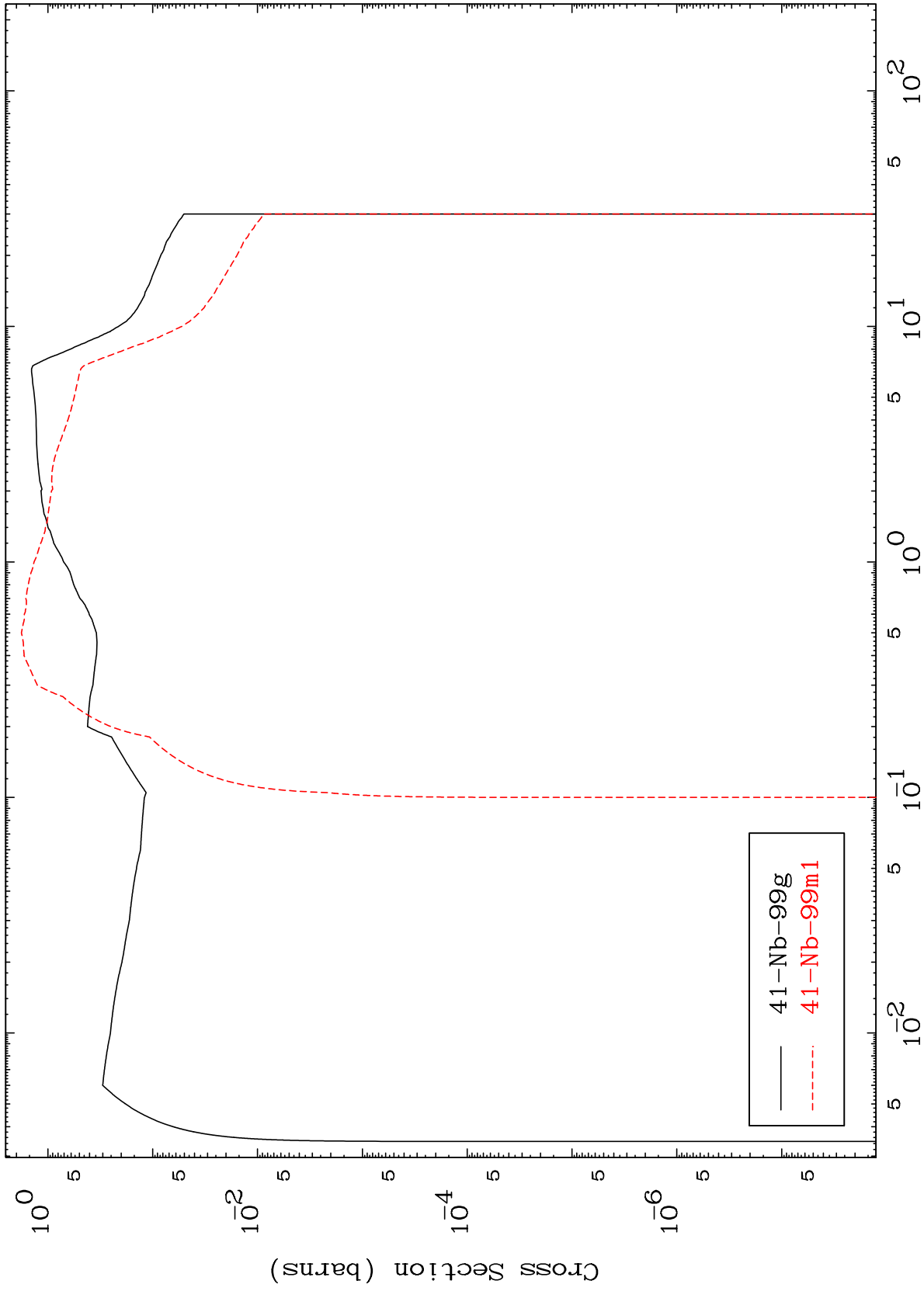
Incident Energy (MeV)

41-Nb-99

MAT 4144

41-Nb-99

Inelastic Radionuclide Production Cross Section



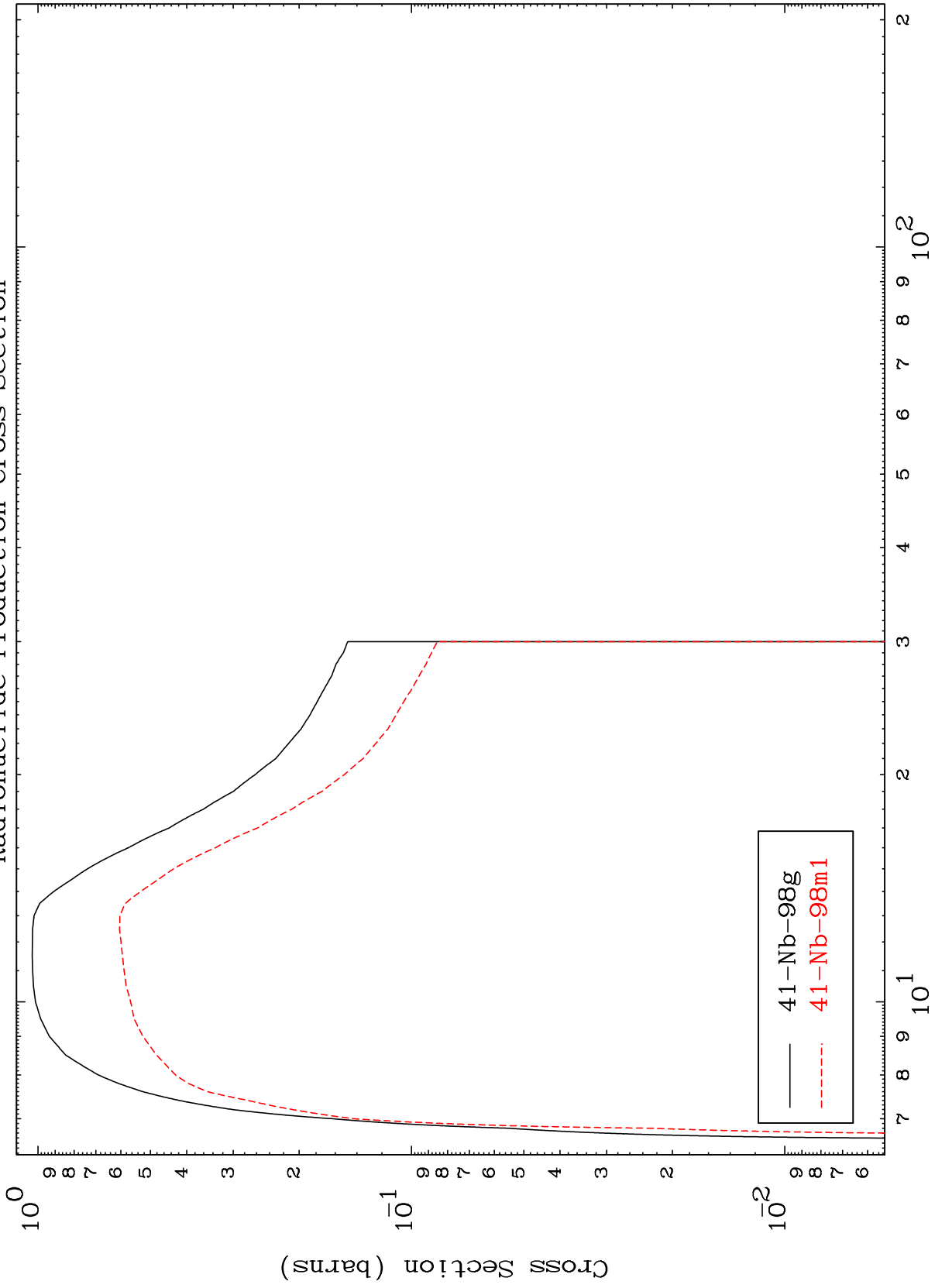
19

41-Nb-99

MAT 4144

Radionuclide Production Cross Section
(n,2n)

41-Nb-99



20

Incident Energy (MeV)

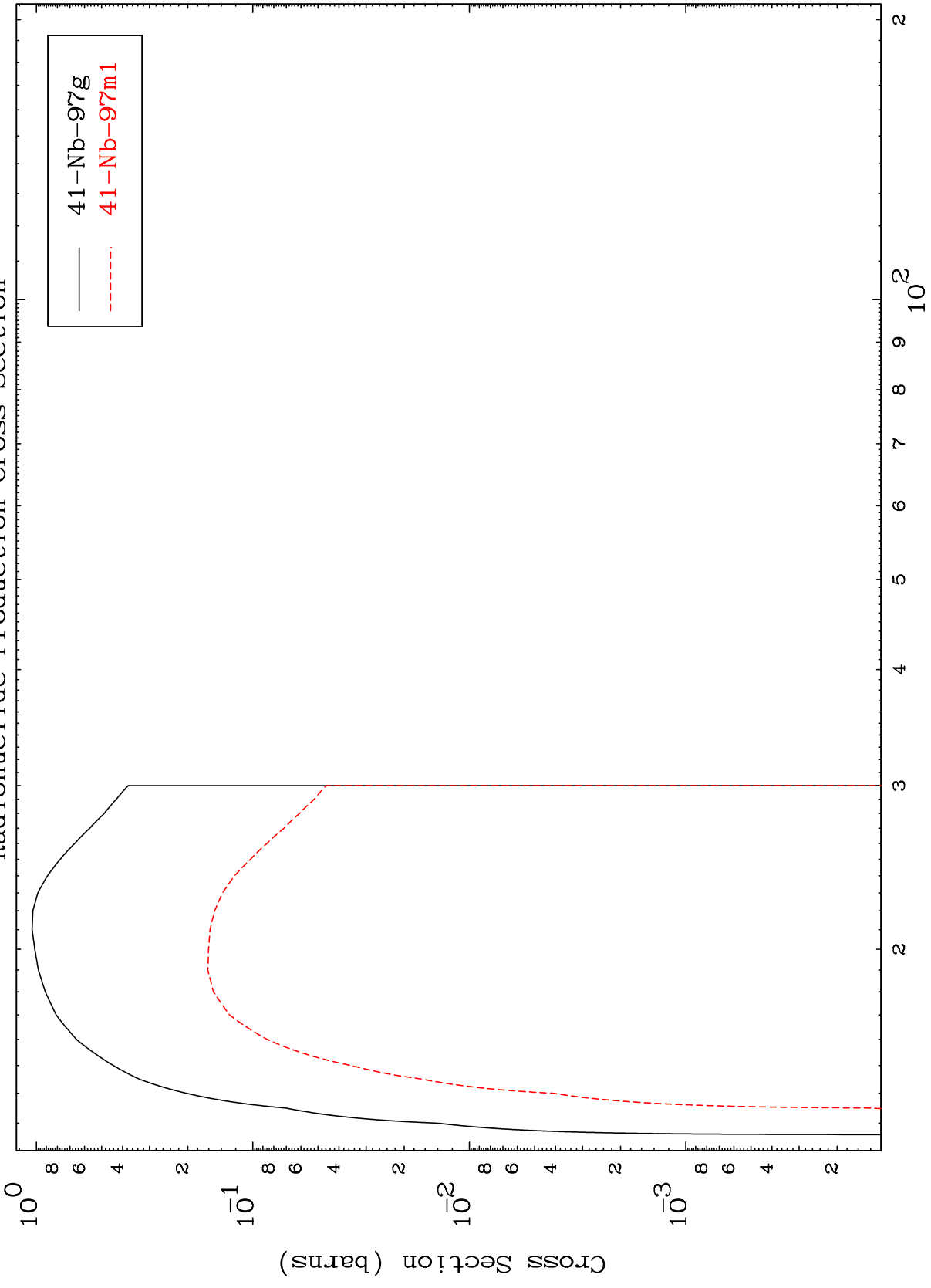
41-Nb-99

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(n,3n)

41-Nb-99

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

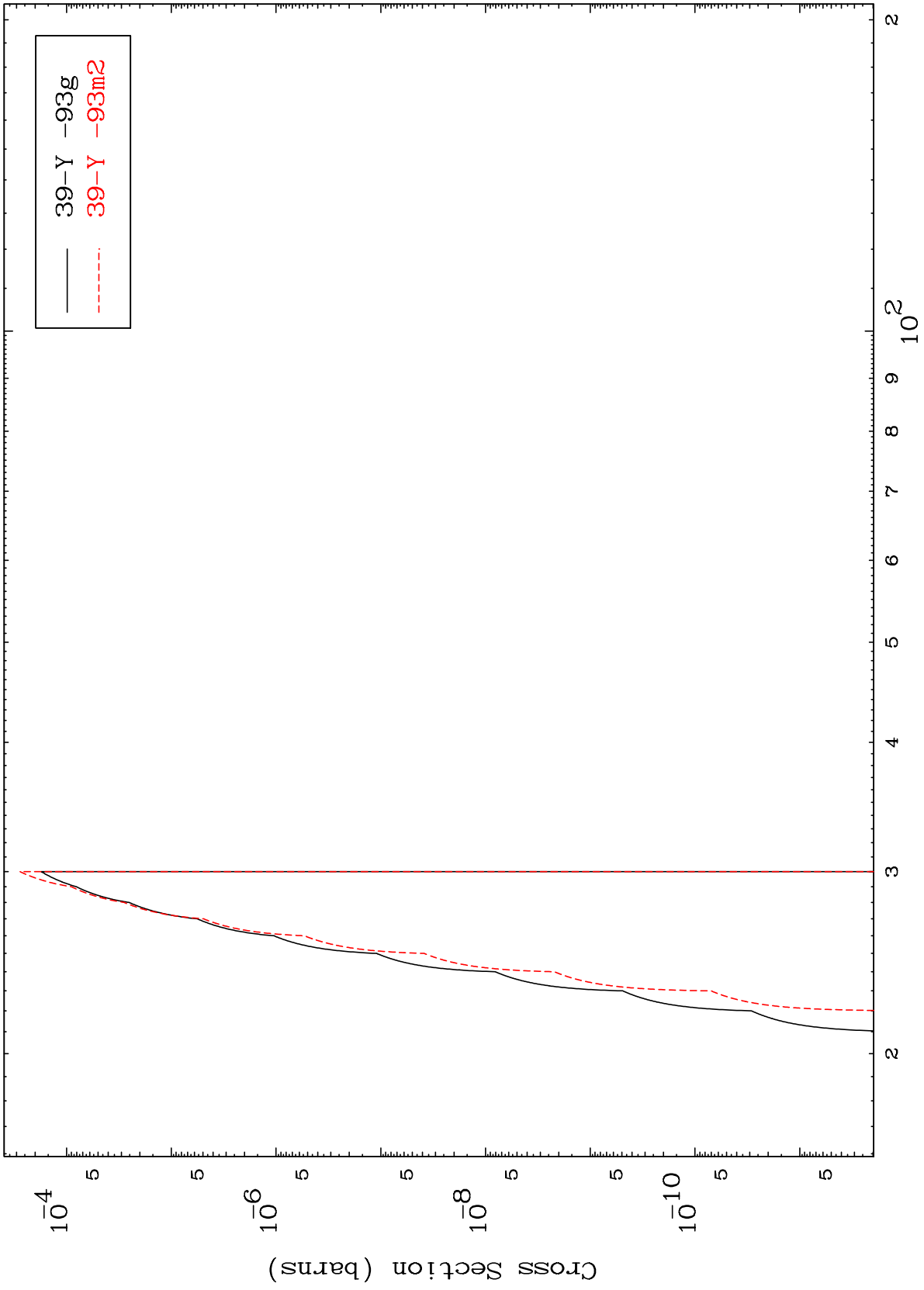
41-Nb-99

MAT 4144

(n,3n) α

41-Nb-99

Radionuclide Production Cross Section



22

Incident Energy (MeV)

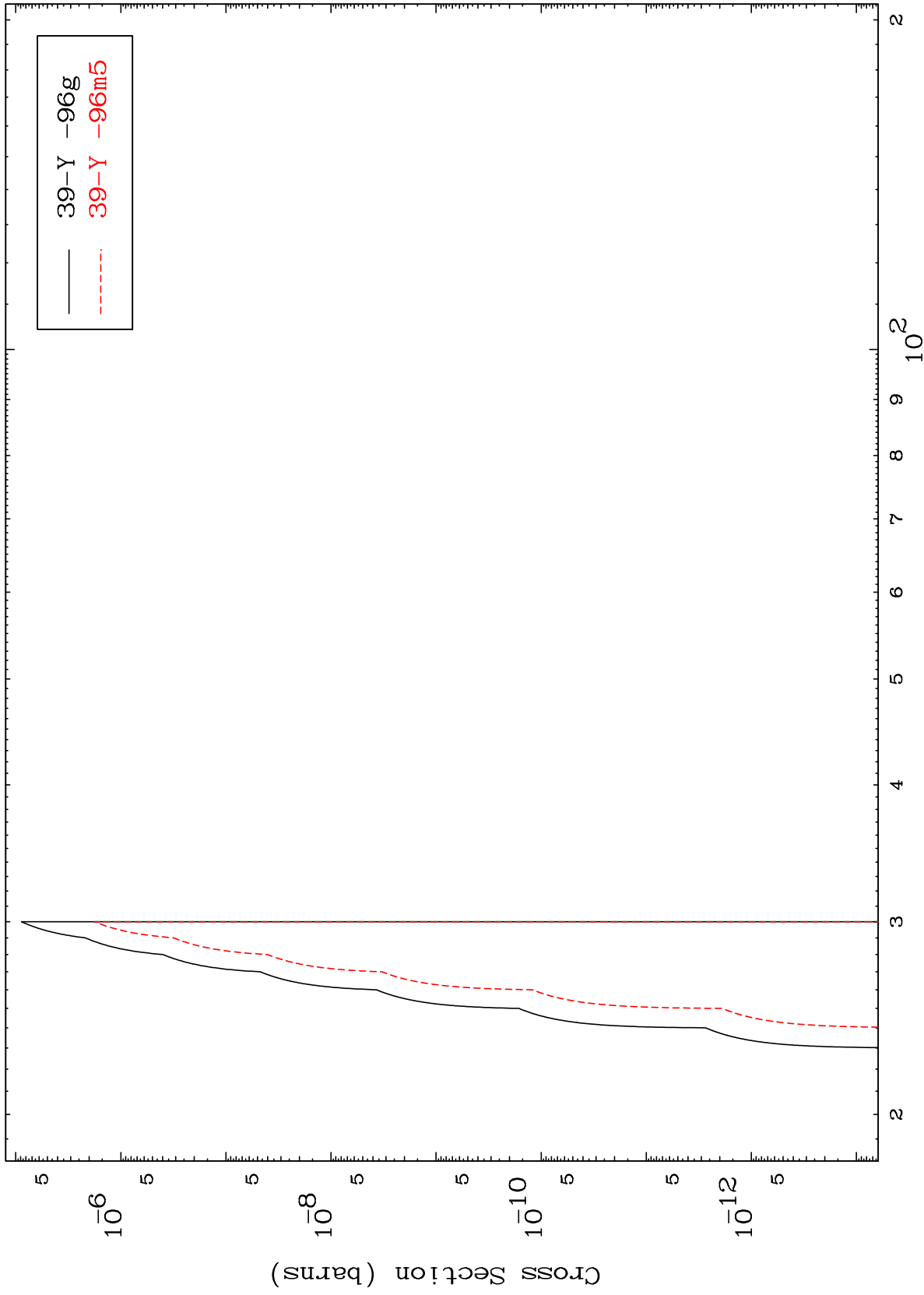
41-Nb-99

MAT 4144

(n, n') He-3

41-Nb-99

Radionuclide Production Cross Section



23

Incident Energy (MeV)

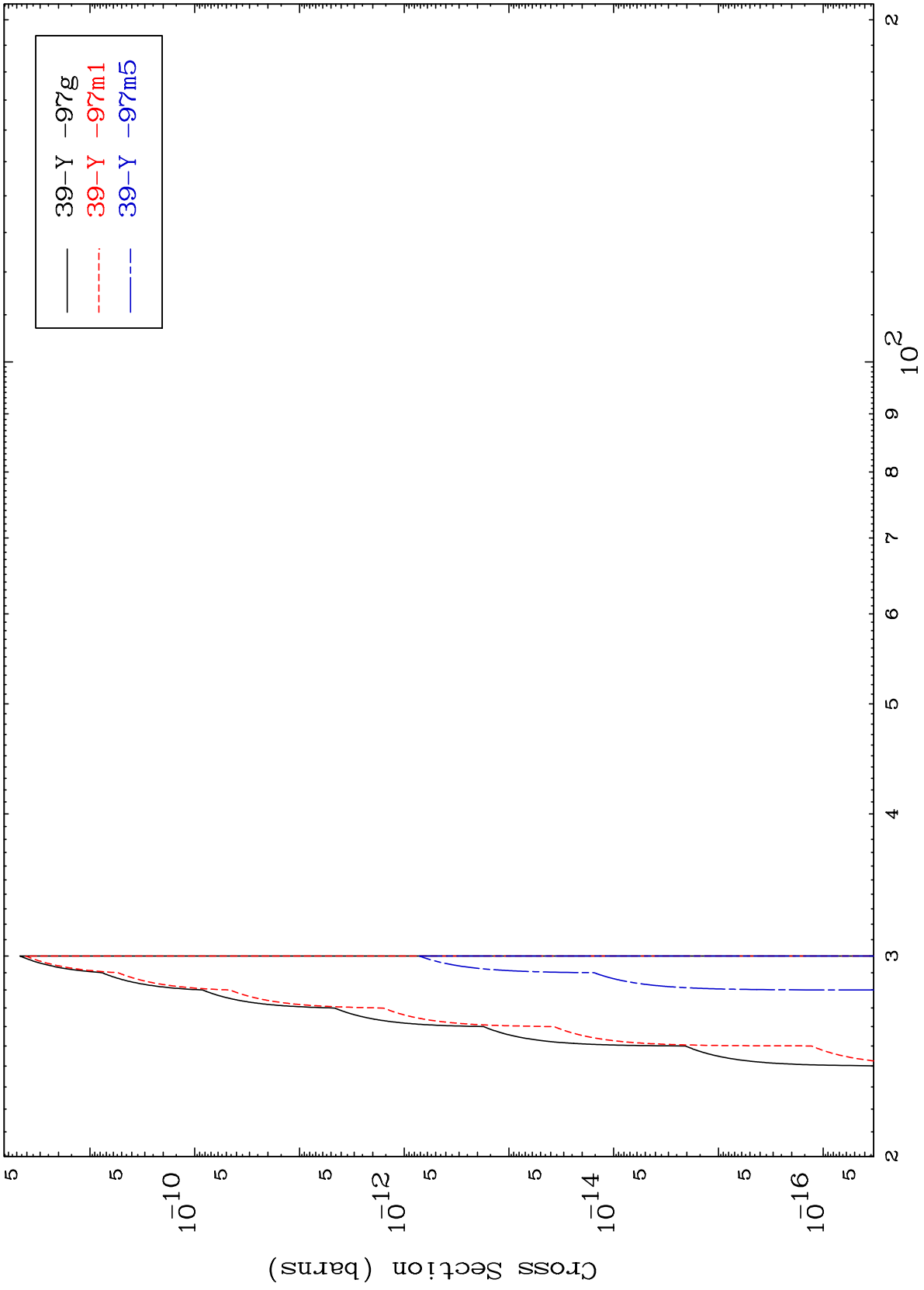
41-Nb-99

MAT 4144

(n,2n) p

41-Nb-99

Radionuclide Production Cross Section



24

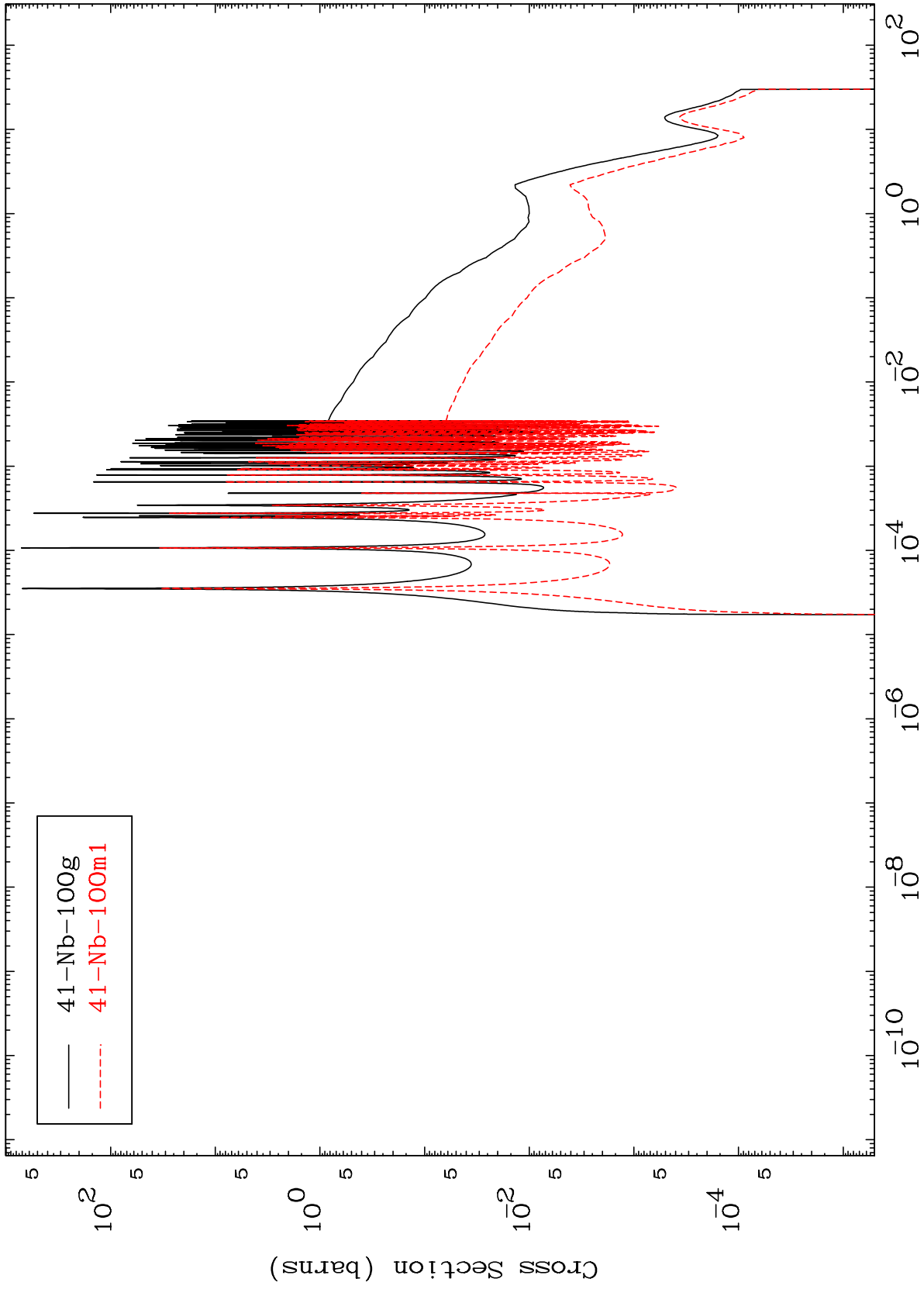
Incident Energy (MeV)

41-Nb-99

MAT 4144

41-Nb-99

Radionuclide Production Cross Section (n,γ)



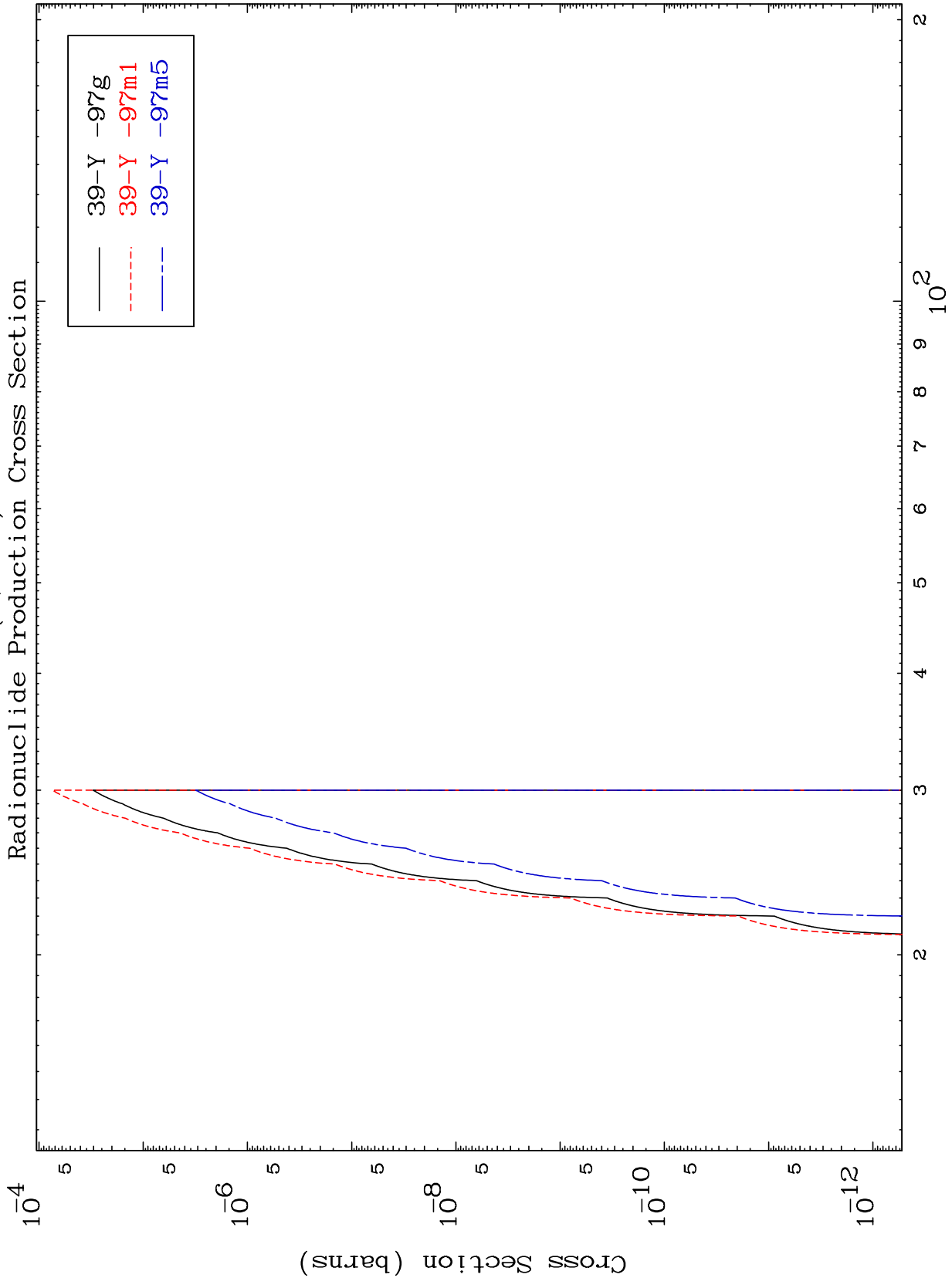
25

41-Nb-99

MAT 4144

(n, He-3)

41-Nb-99



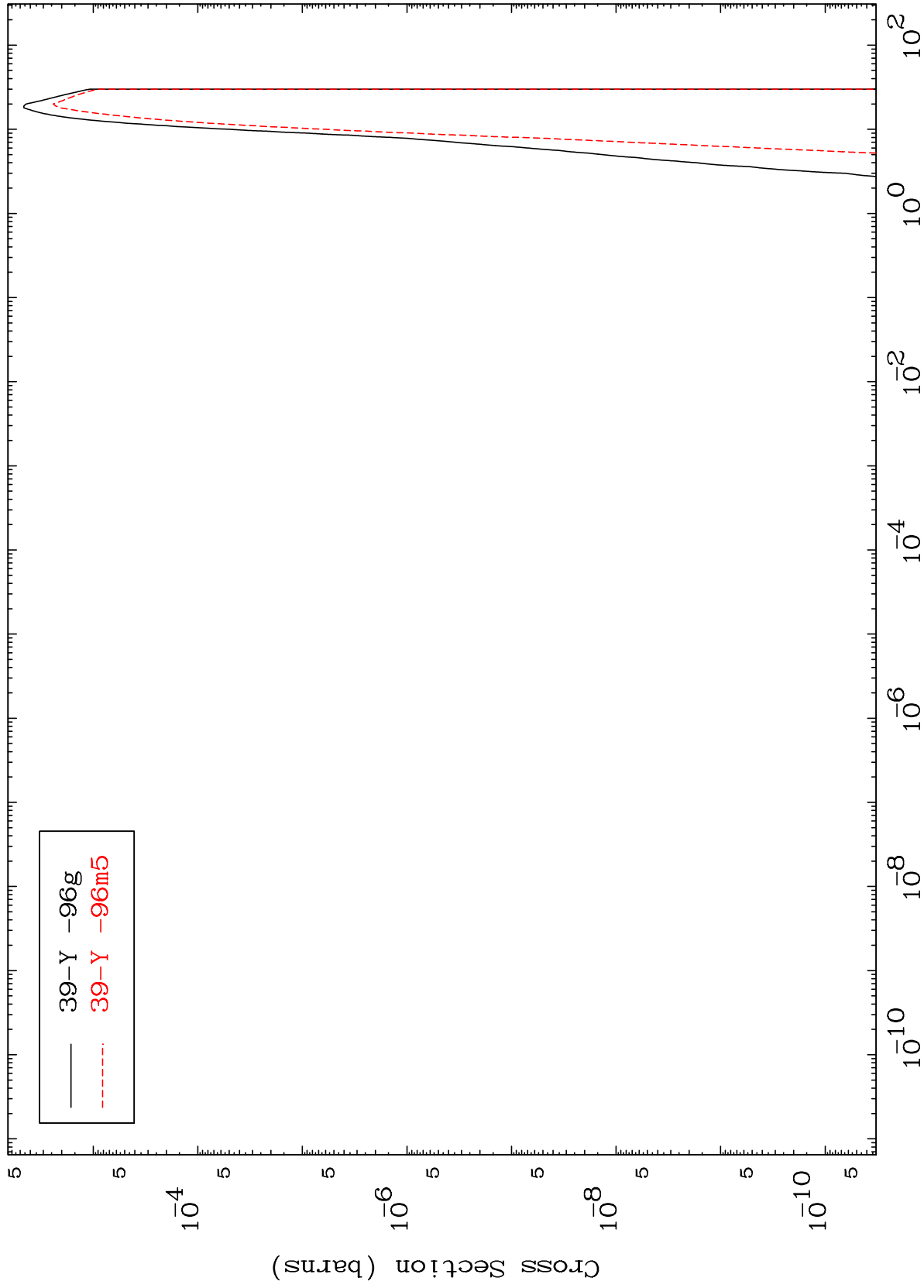
26

41-Nb-99

MAT 4144

(n, α)
Radionuclide Production Cross Section

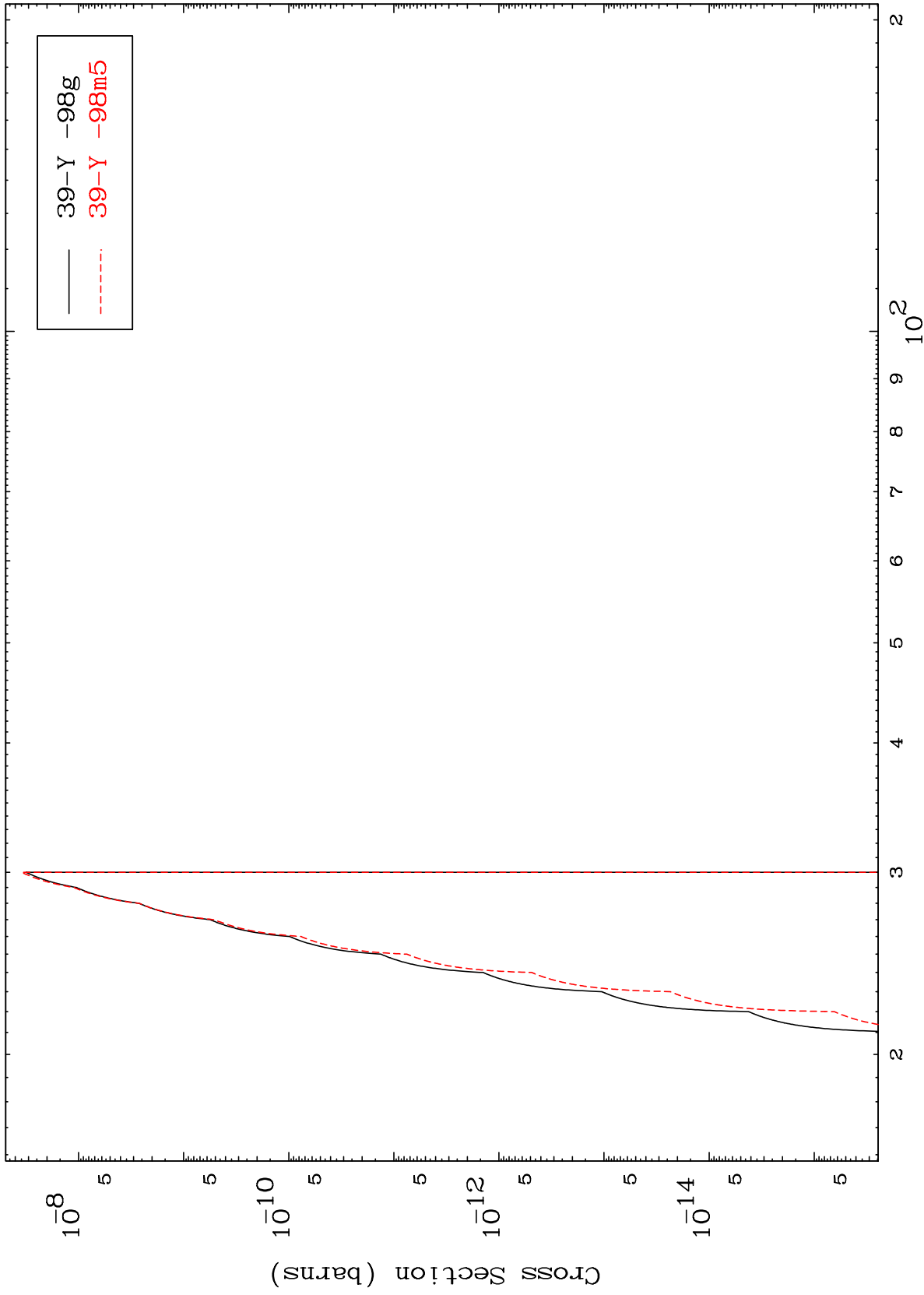
41-Nb-99



MAT 4144

41-Nb-99

(n,2p)
Radionuclide Production Cross Section



28

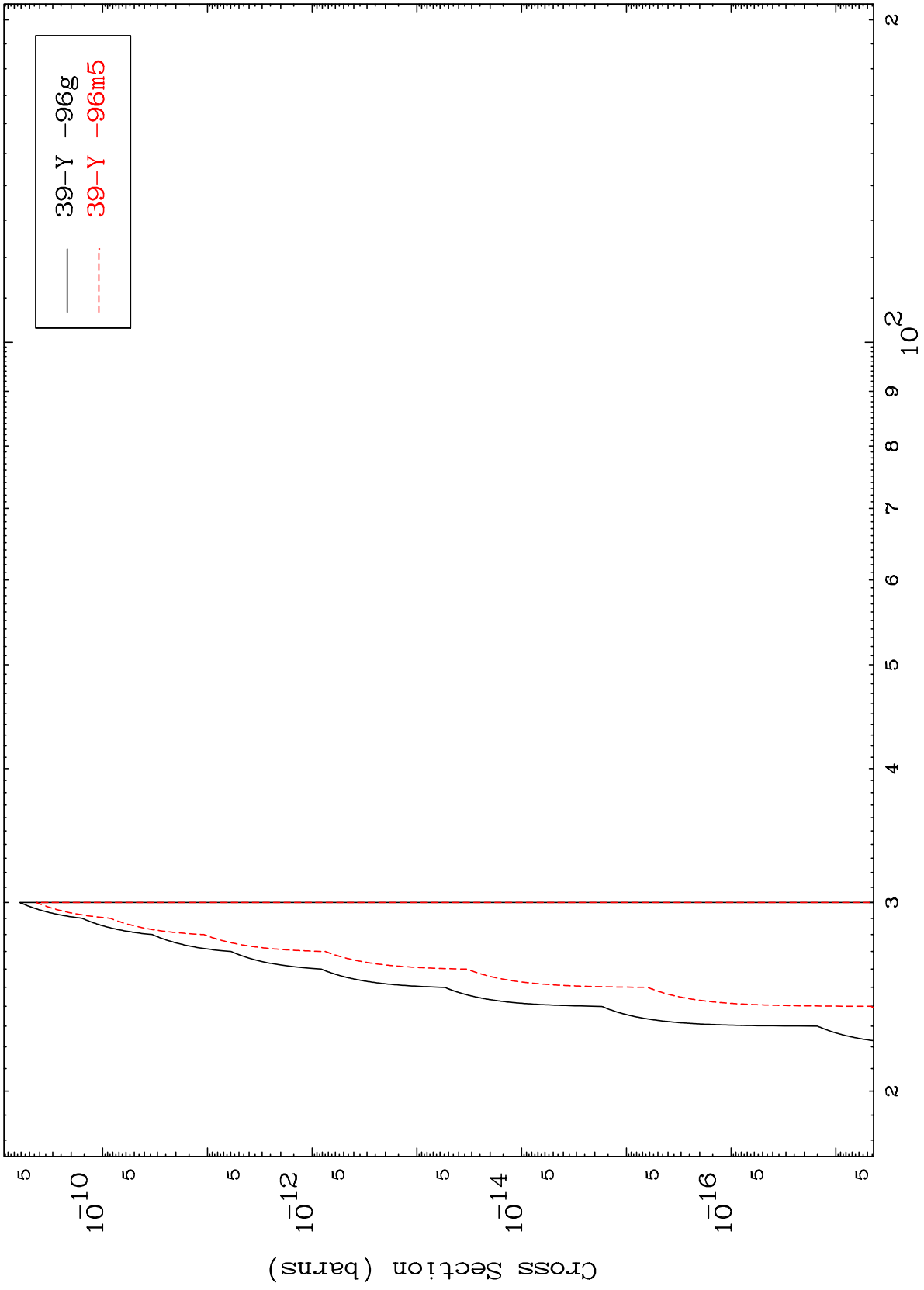
41-Nb-99

MAT 4144

(n,p) t

41-Nb-99

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-99