

Program EVALPLOT
(Version 2021-1)

by

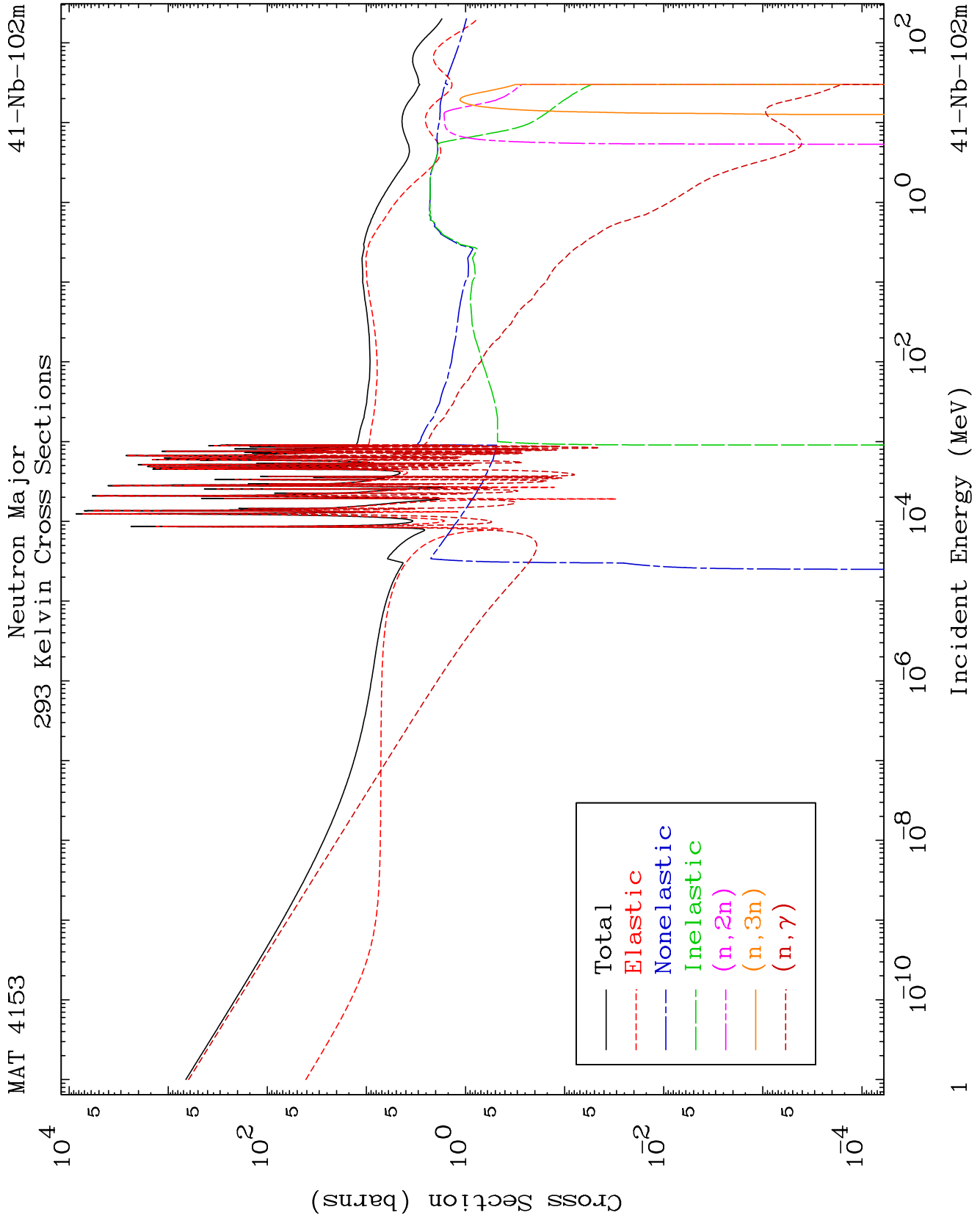
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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

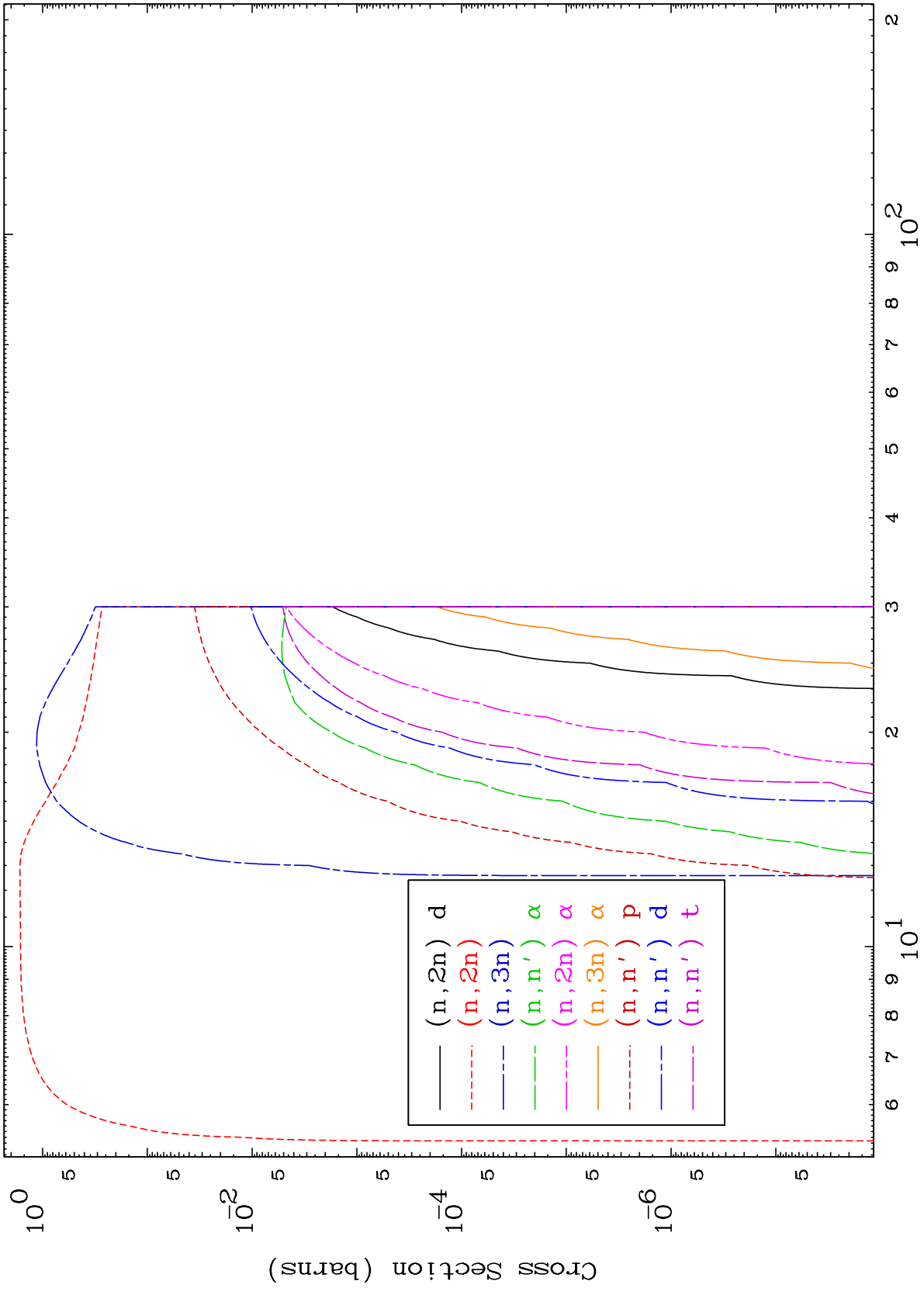
Press Mouse Button to Start



MAT 4153

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-102m



2

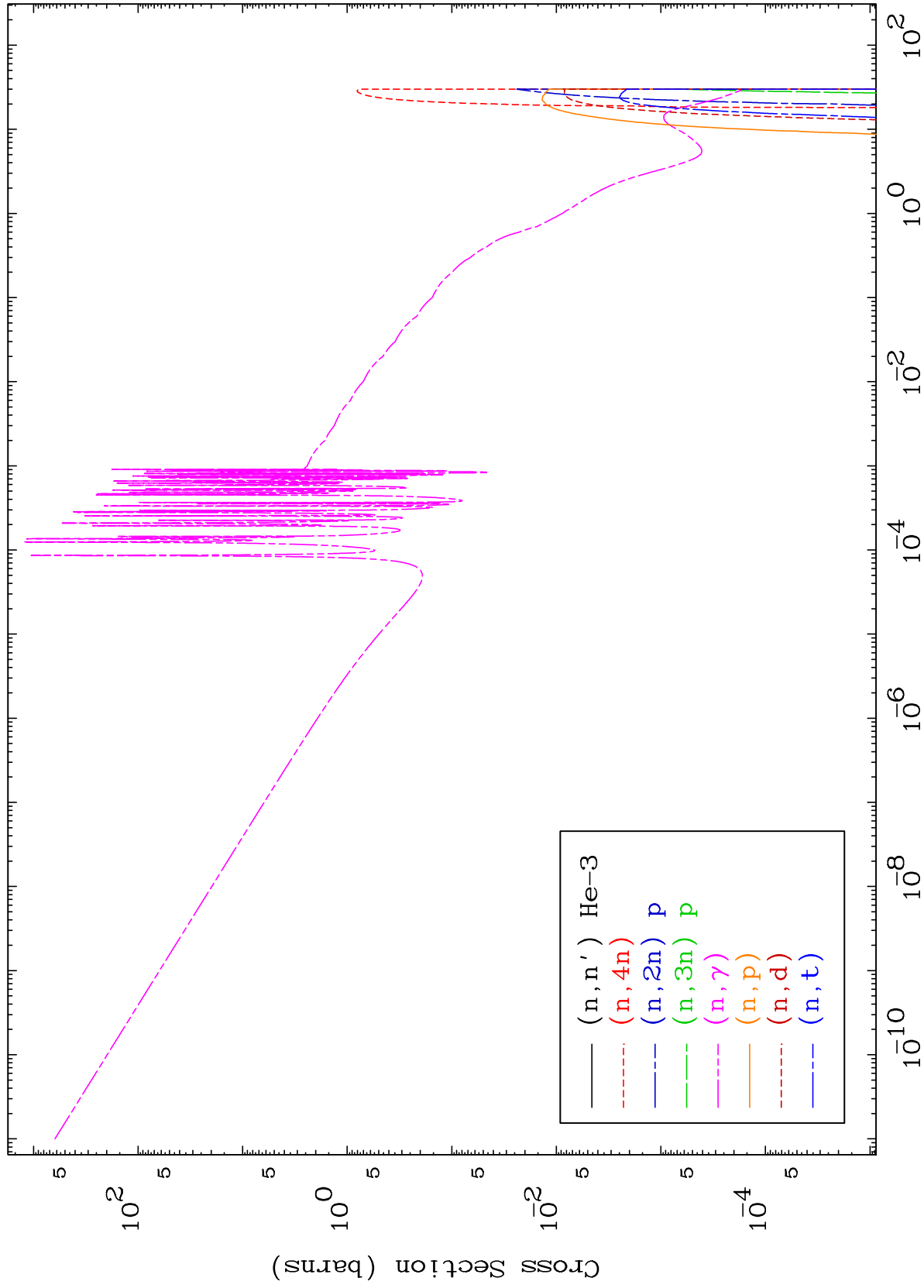
Incident Energy (MeV)

41-Nb-102m

MAT 4153

Neutron Absorption
293 Kelvin Cross Sections

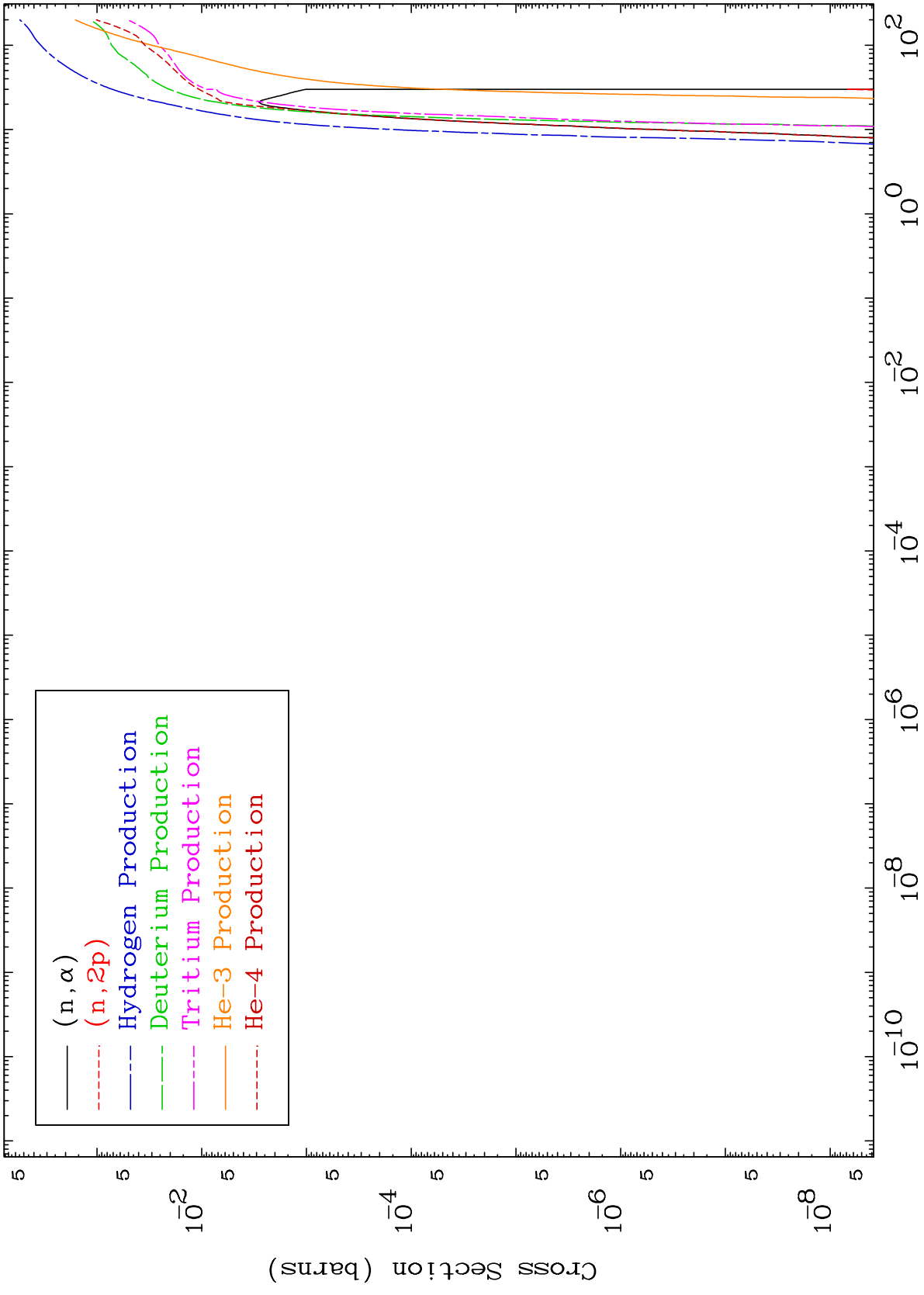
41-Nb-102m



MAT 4153

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-102m

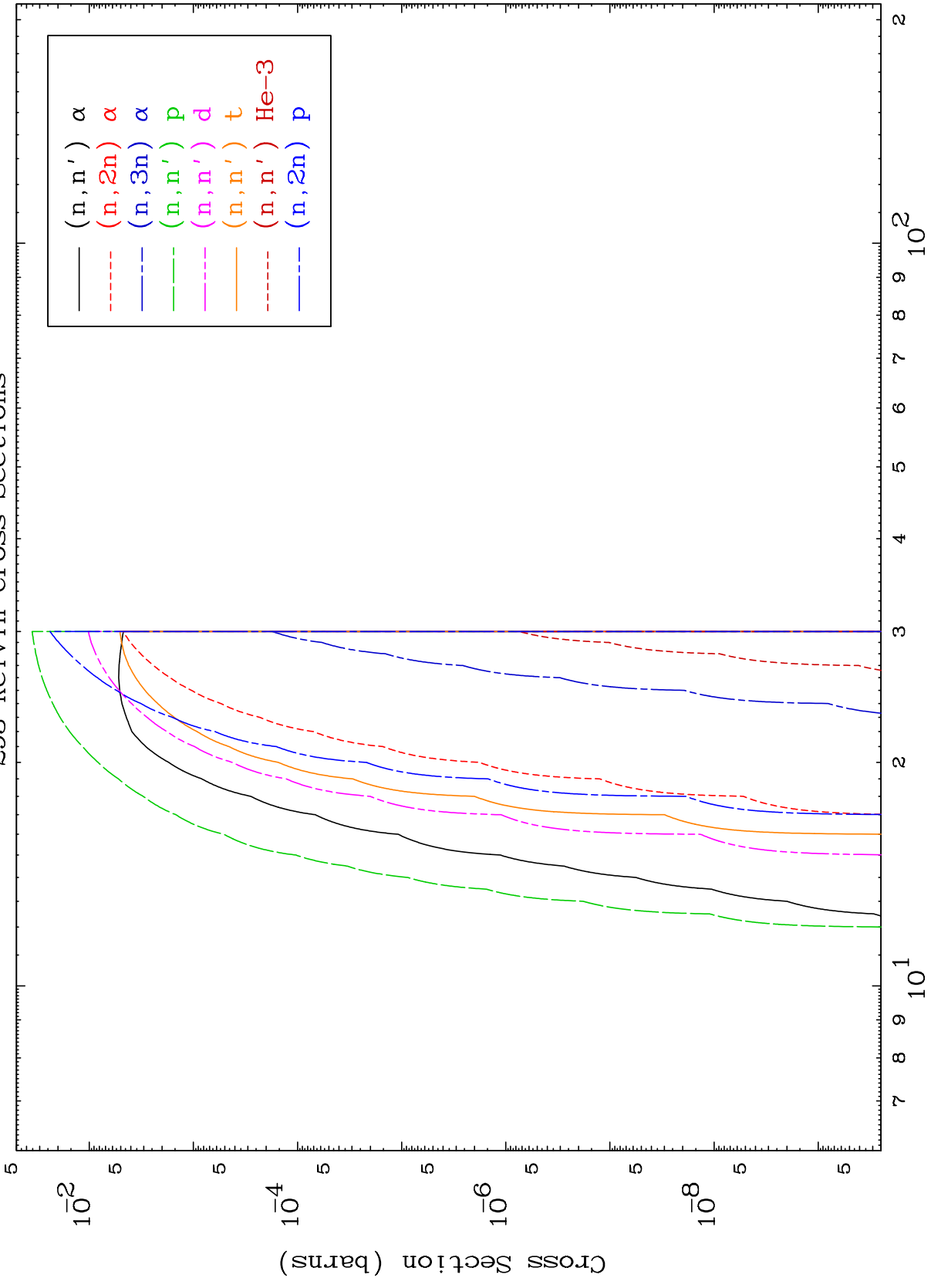


41-Nb-102m

MAT 4153

Charged Particle
293 Kelvin Cross Sections

41-Nb-102m



5

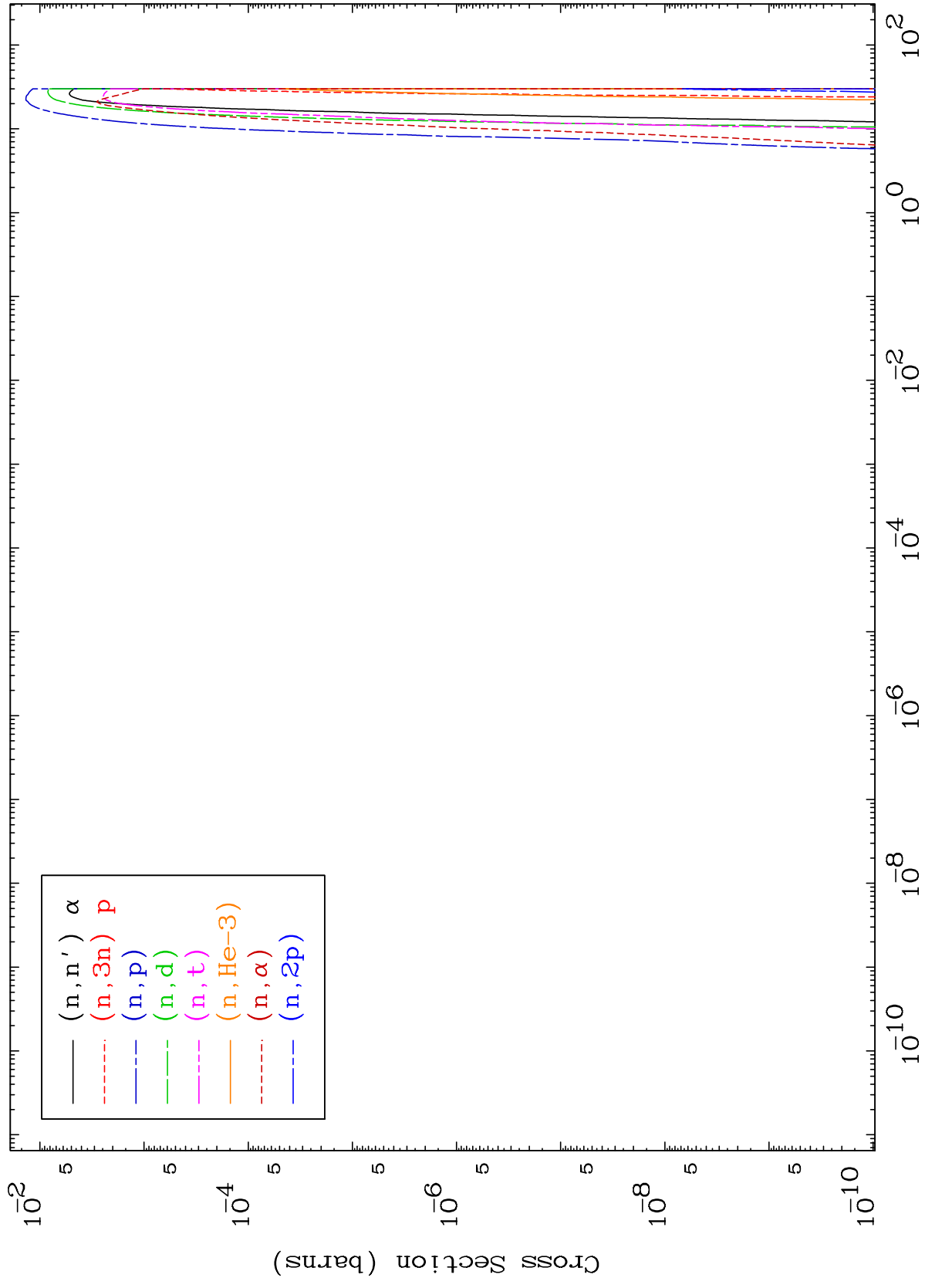
Incident Energy (MeV)

41-Nb-102m

MAT 4153

Charged Particle
293 Kelvin Cross Sections

41-Nb-102m

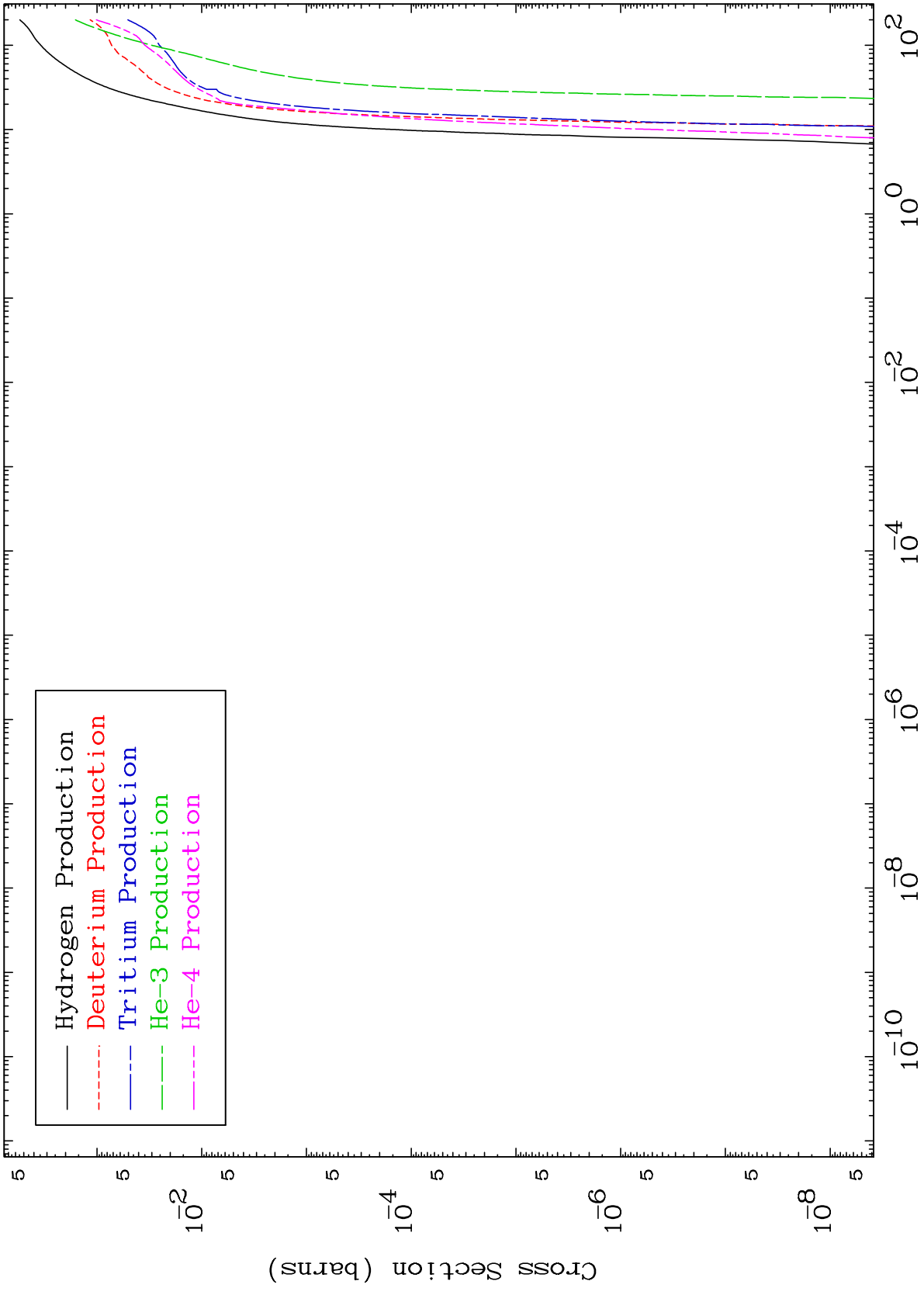


41-Nb-102m

MAT 4153

Particle Production
293 Kelvin Cross Sections

41-Nb-102m



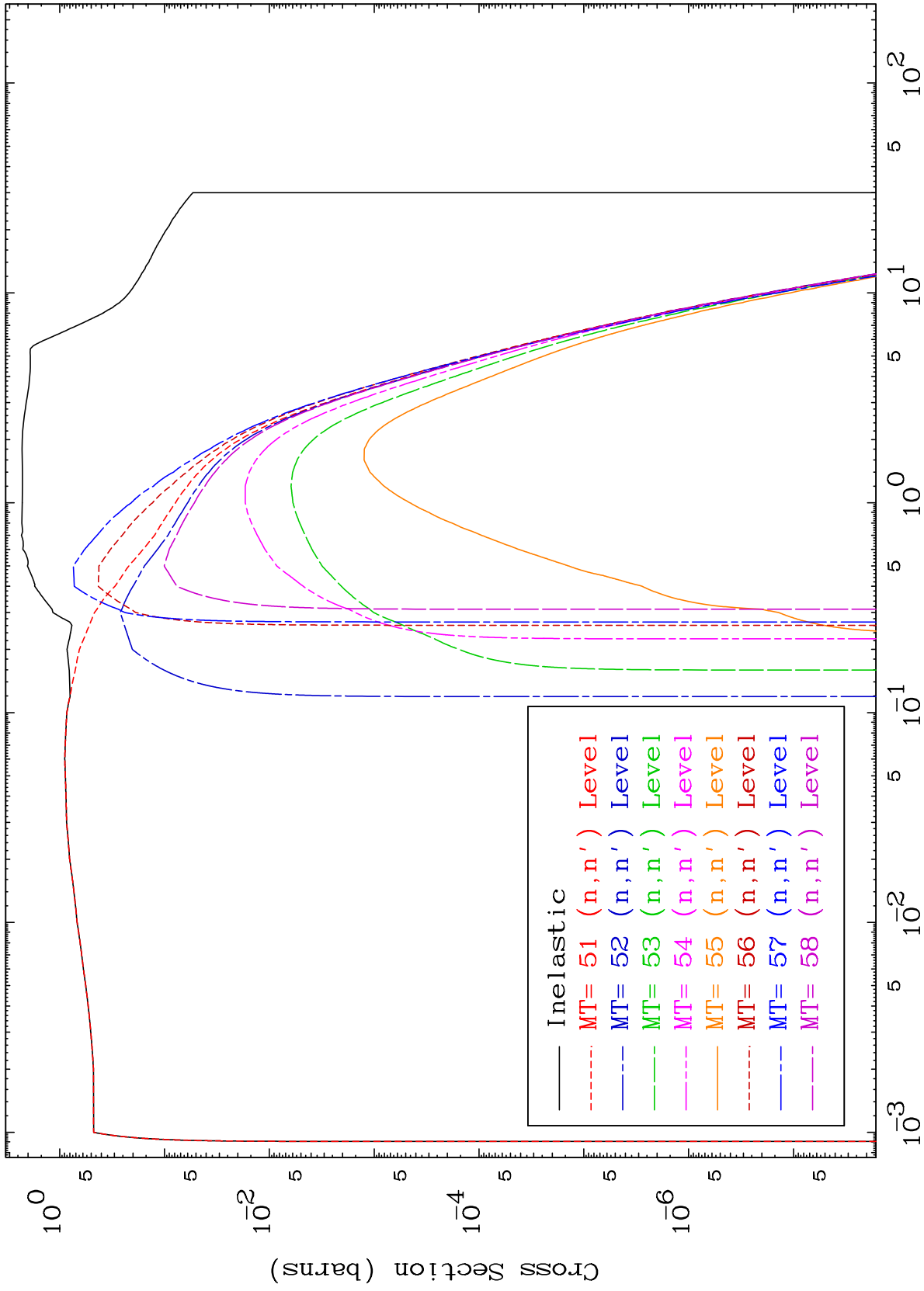
7

41-Nb-102m

MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

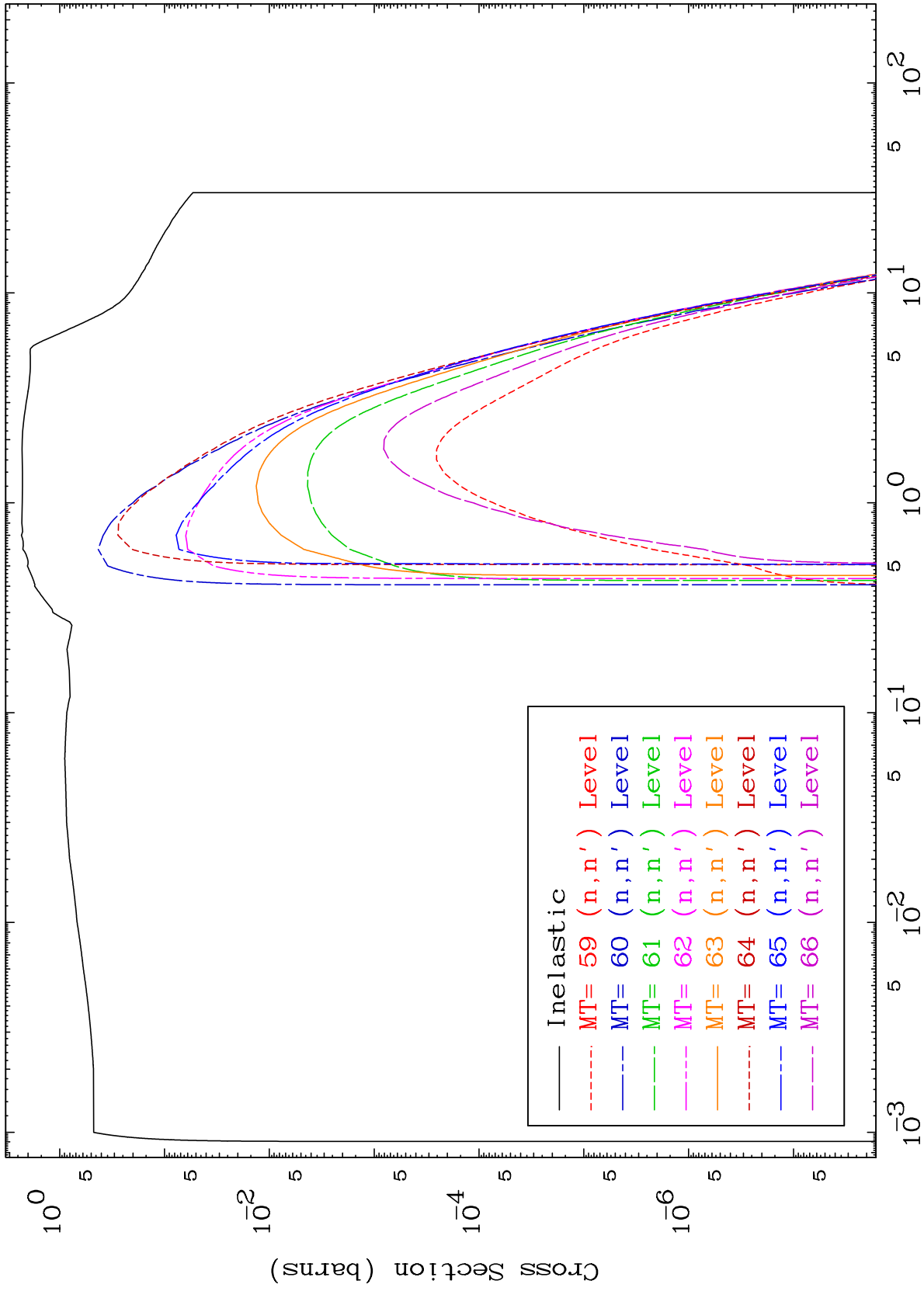
41-Nb-102m



MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-102m



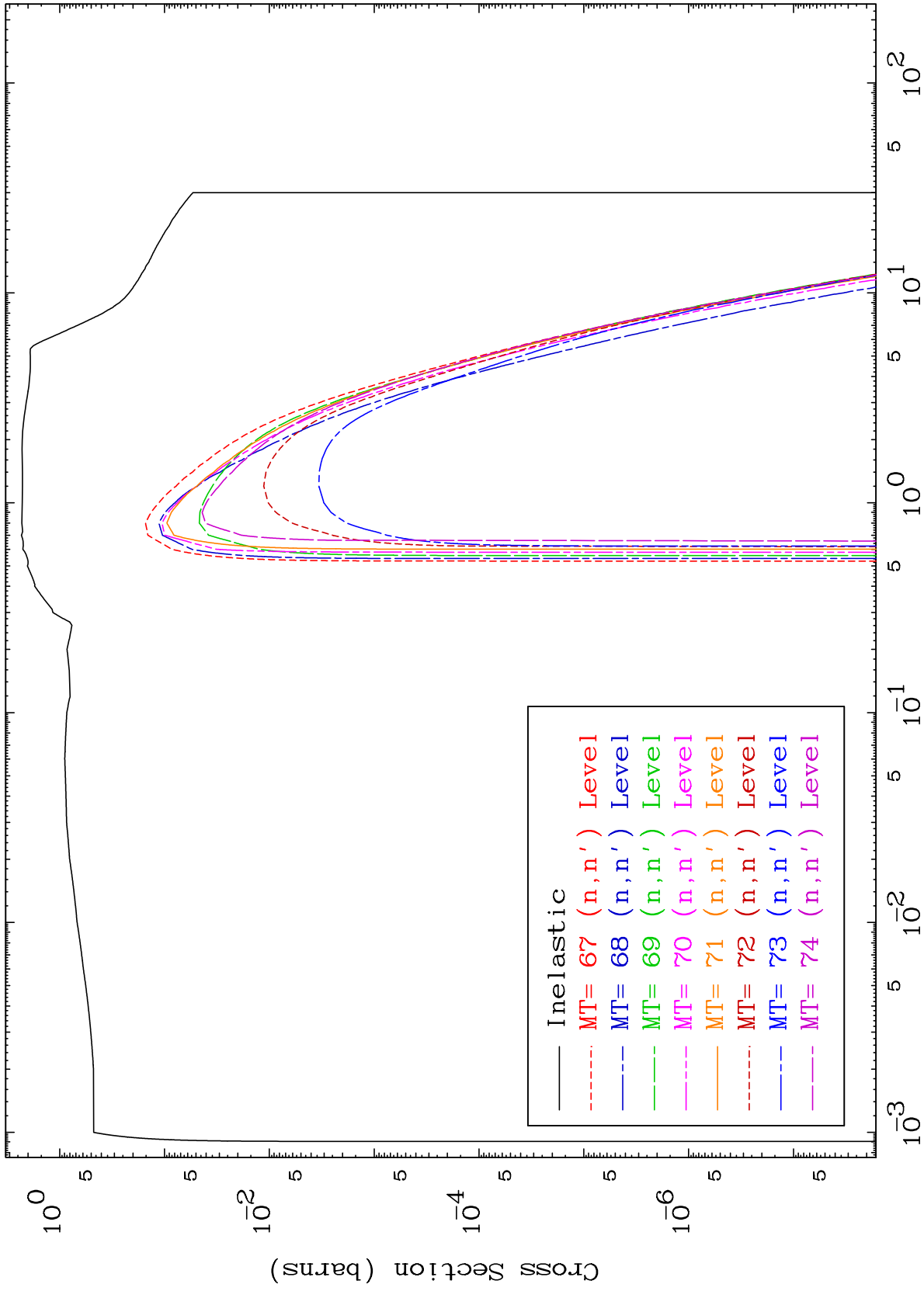
41-Nb-102m

Incident Energy (MeV)

MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-102m



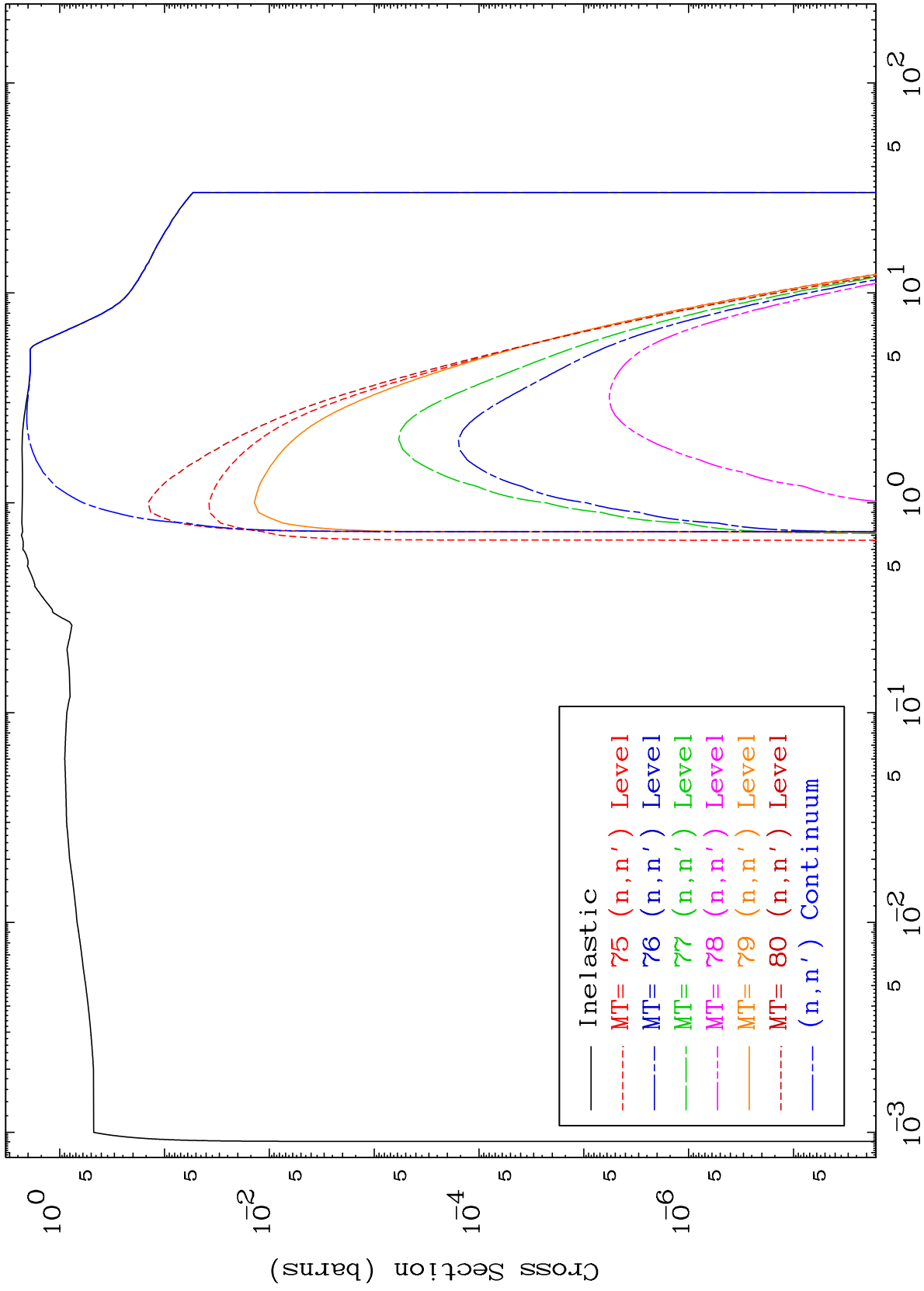
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

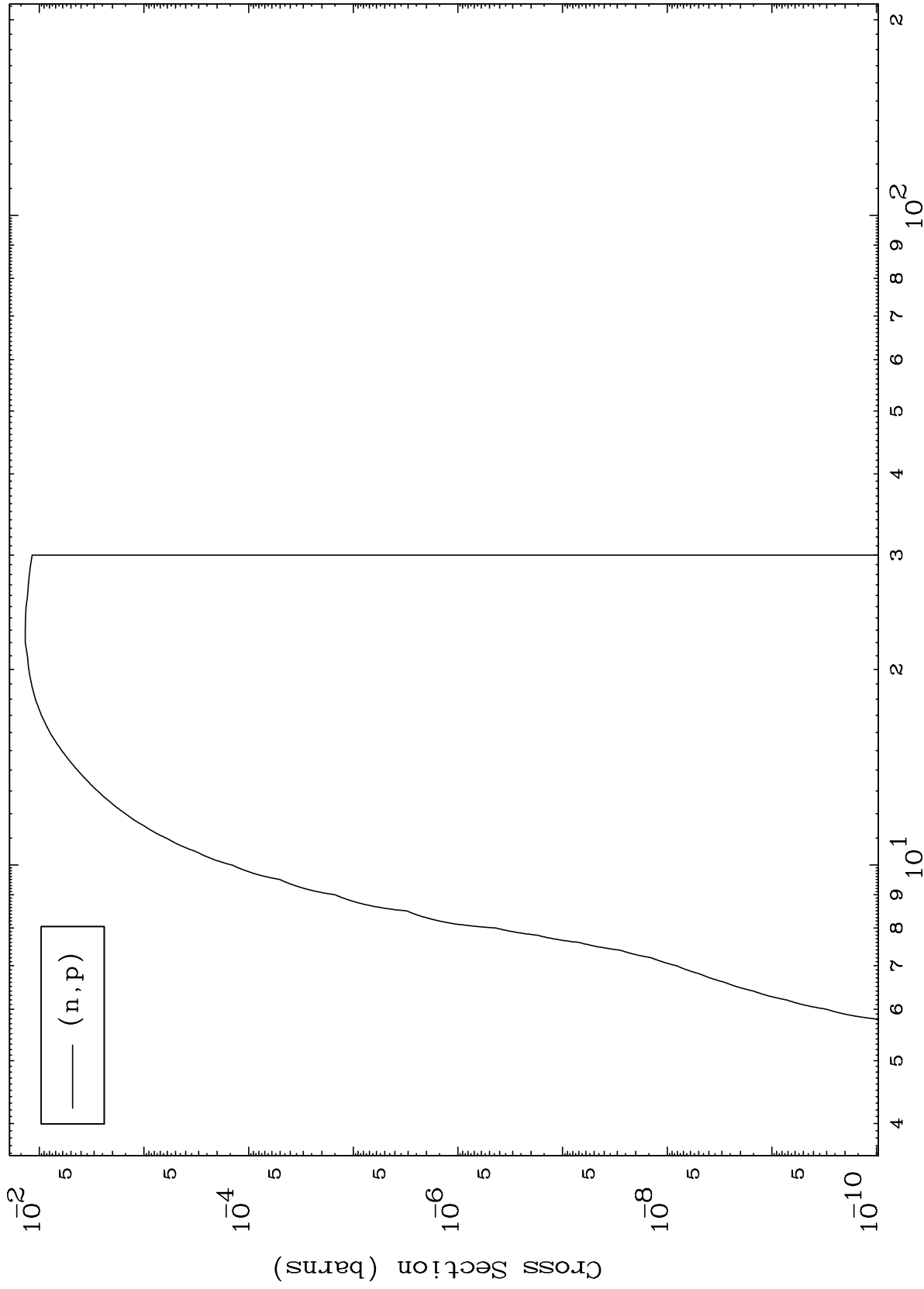
41-Nb-102m



MAT 4153

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-102m



12

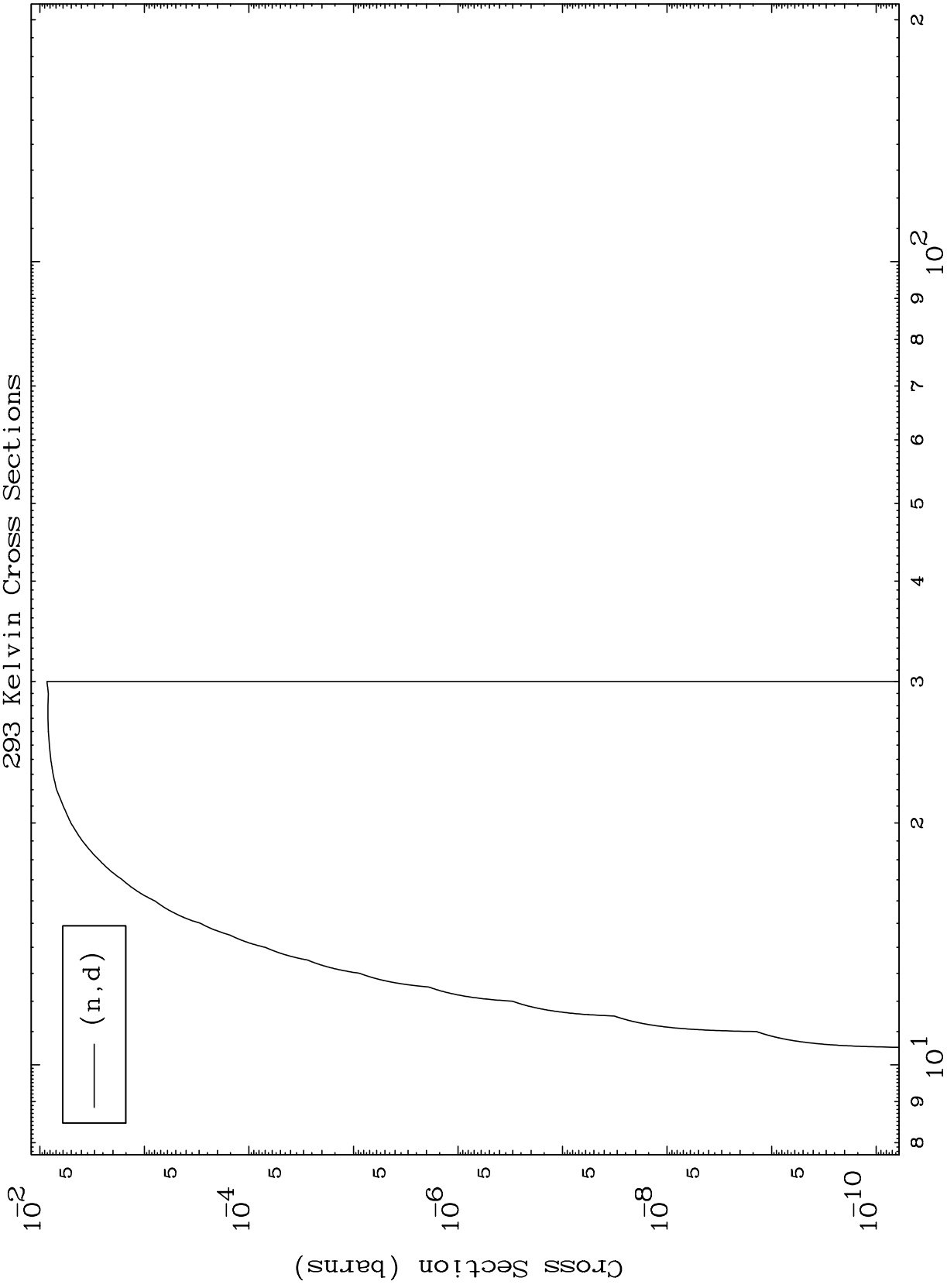
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-102m



13

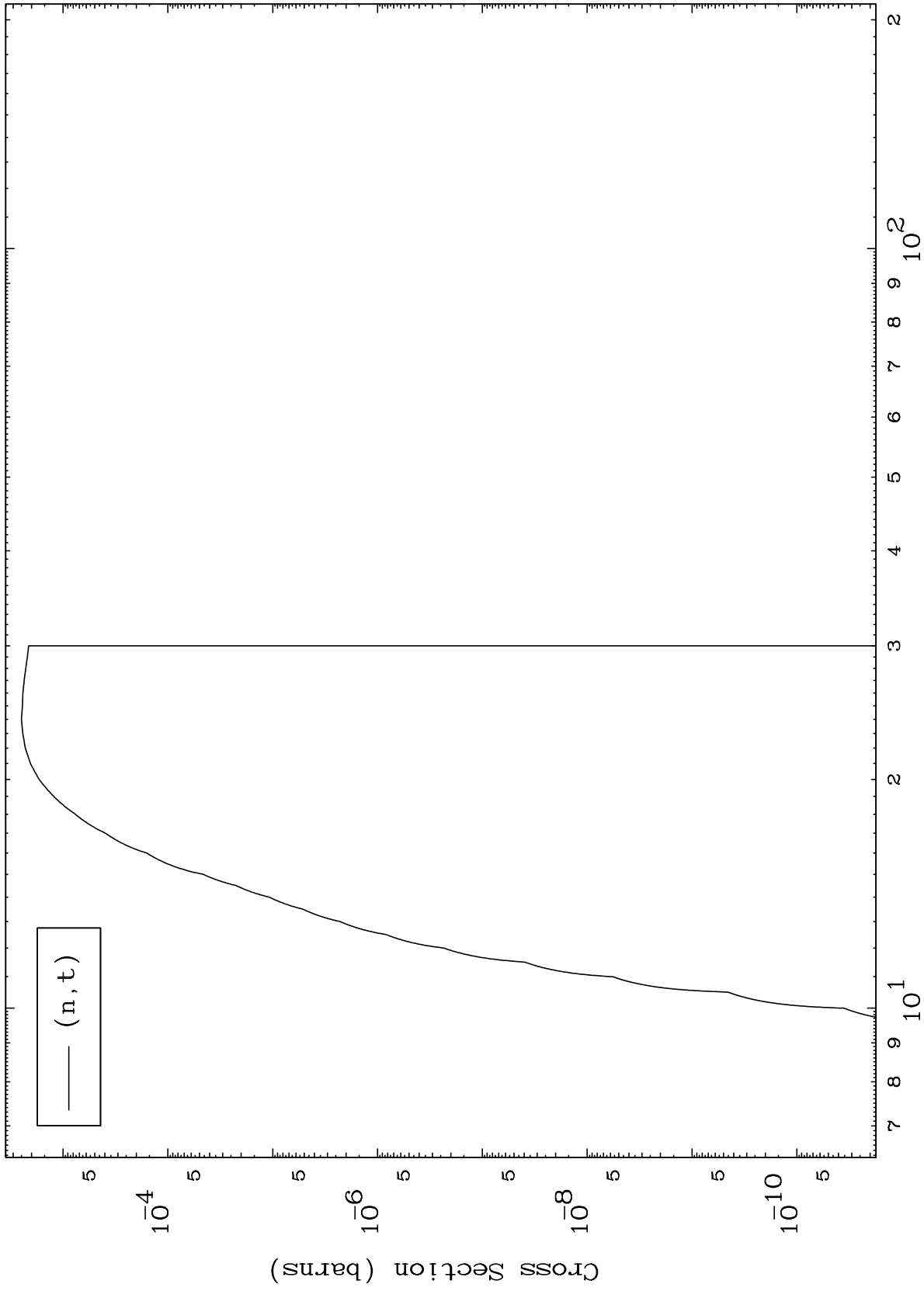
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-102m



14

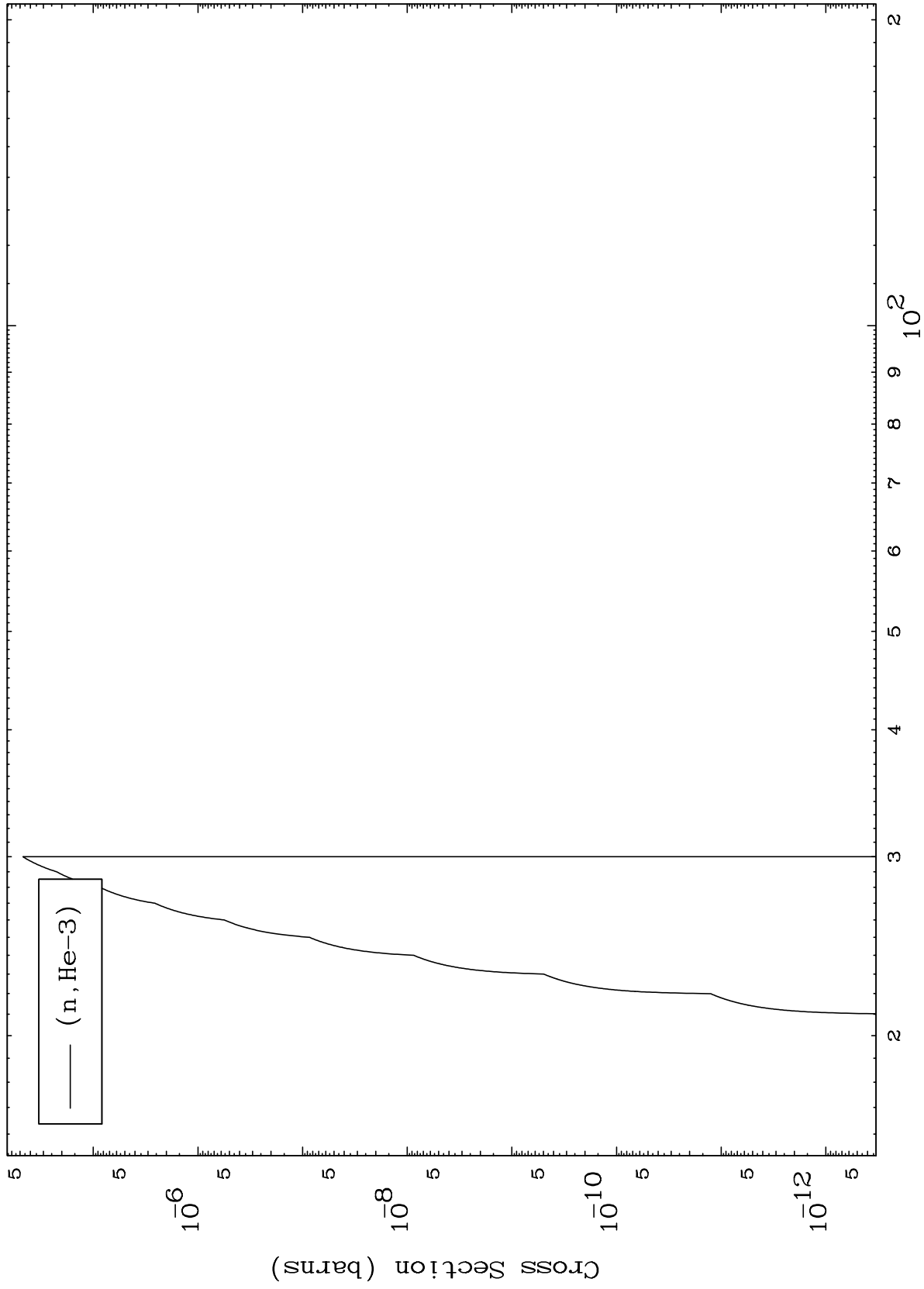
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-102m



15

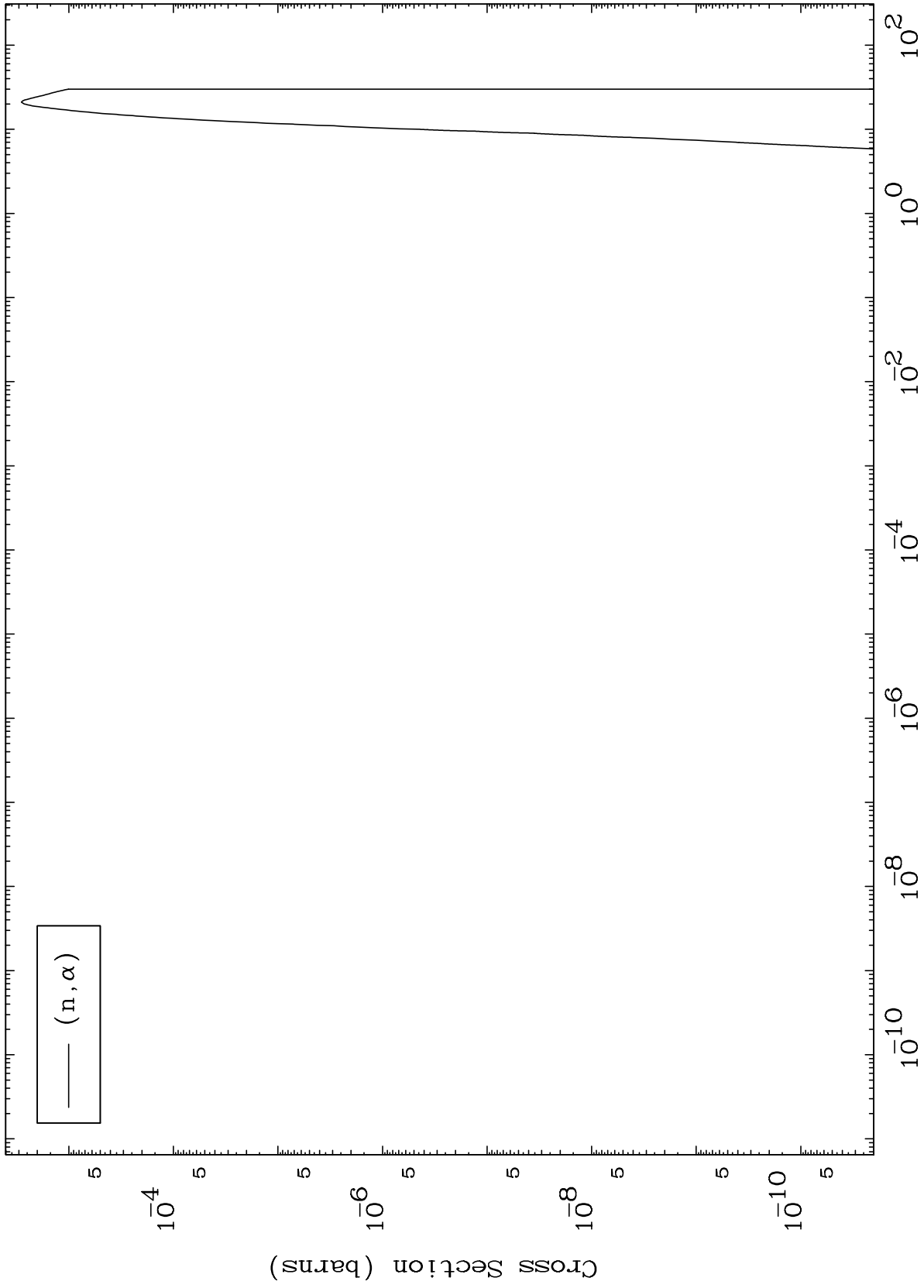
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,α) Levels
293 Kelvin Cross Sections

41-Nb-102m



16

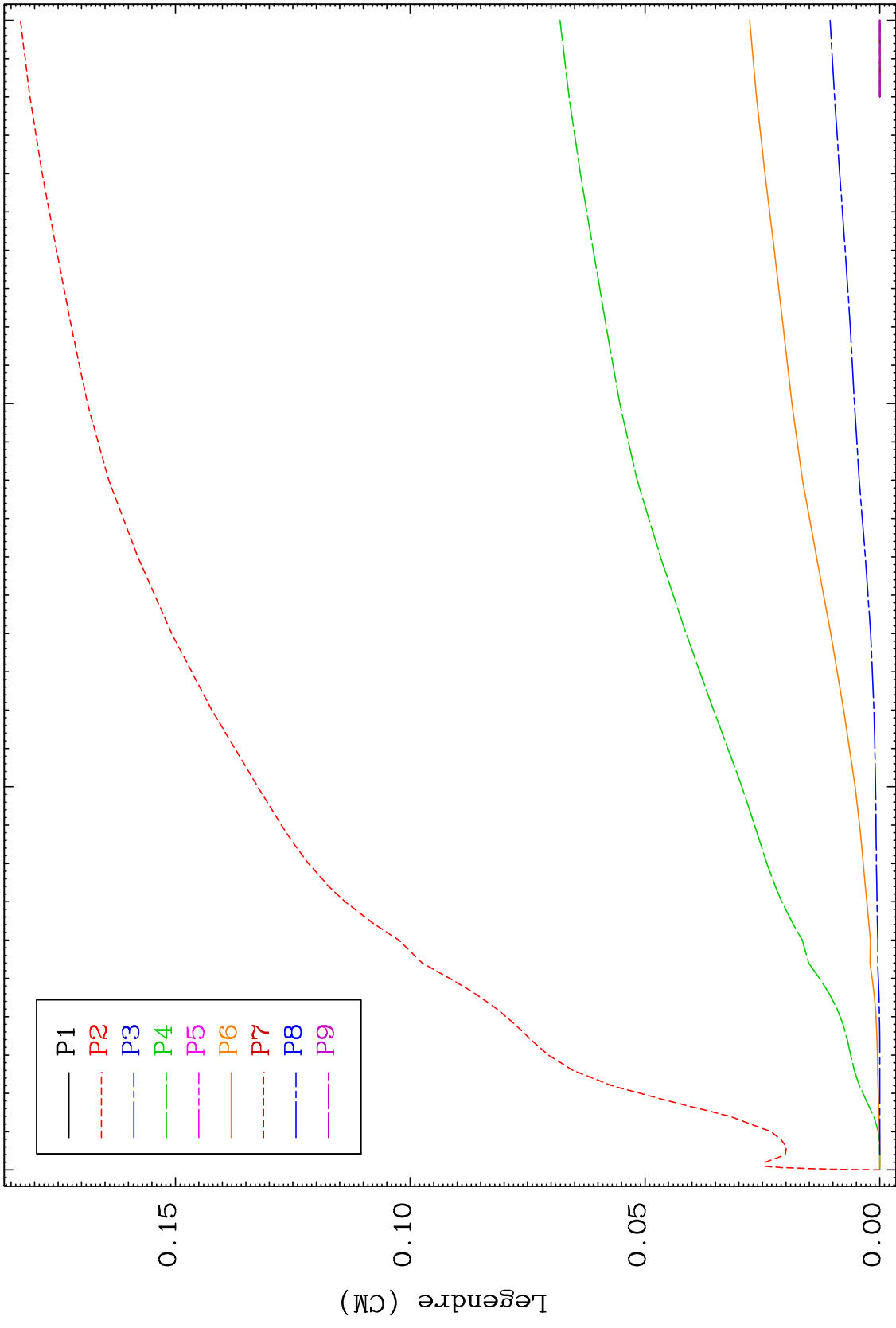
Incident Energy (MeV)

41-Nb-102m

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Elastic Legendre Coefficients

41-Nb-102m



41-Nb-102m

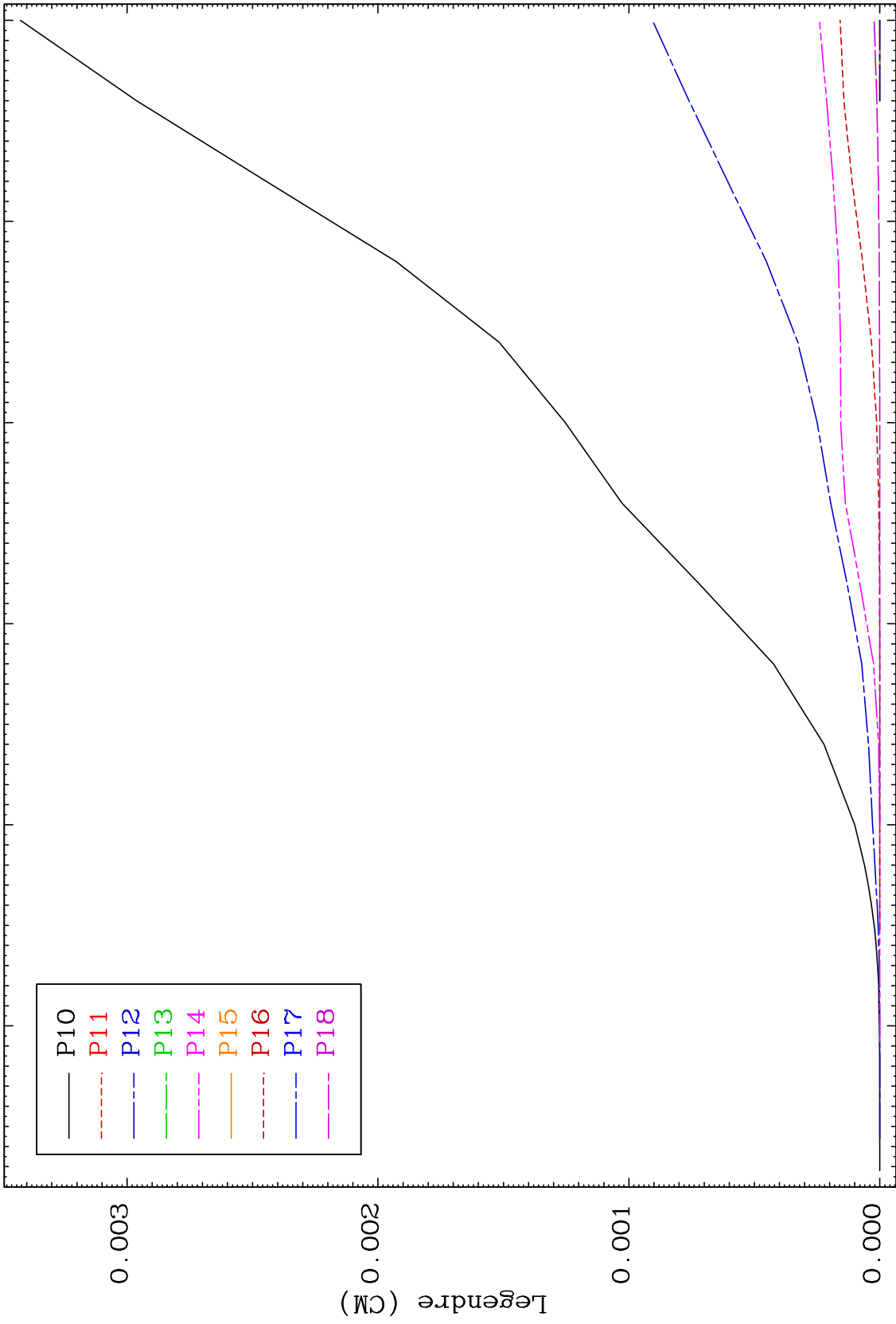
Incident Energy (MeV)

17

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Elastic Legendre Coefficients

41-Nb-102m



18

Incident Energy (MeV)

41-Nb-102m

MAT 4153

Elastic Legendre Coefficients

41-Nb-102m



19

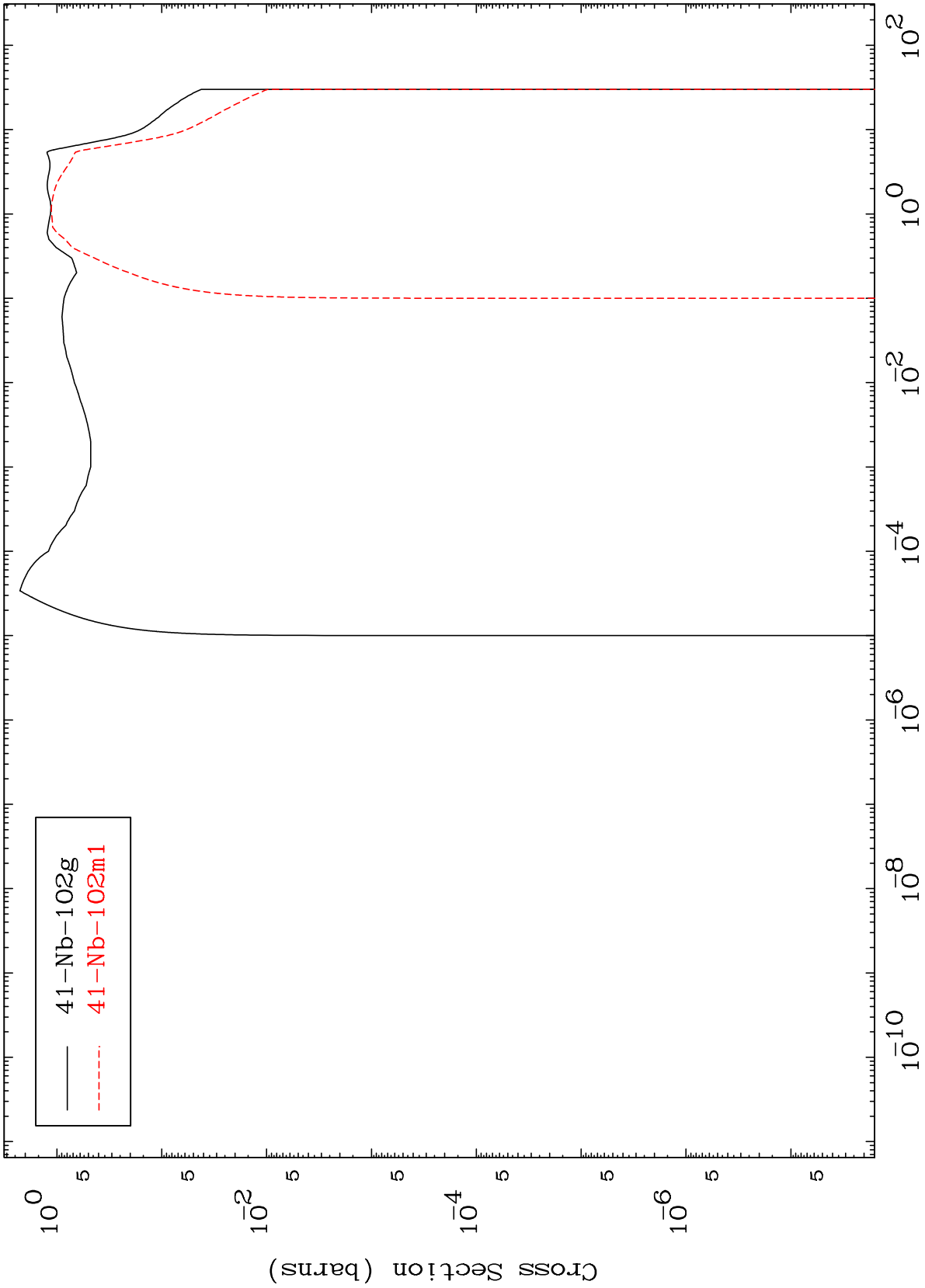
Incident Energy (MeV)

41-Nb-102m

MAT 4153

41-Nb-102m

Inelastic
Radionuclide Production Cross Section

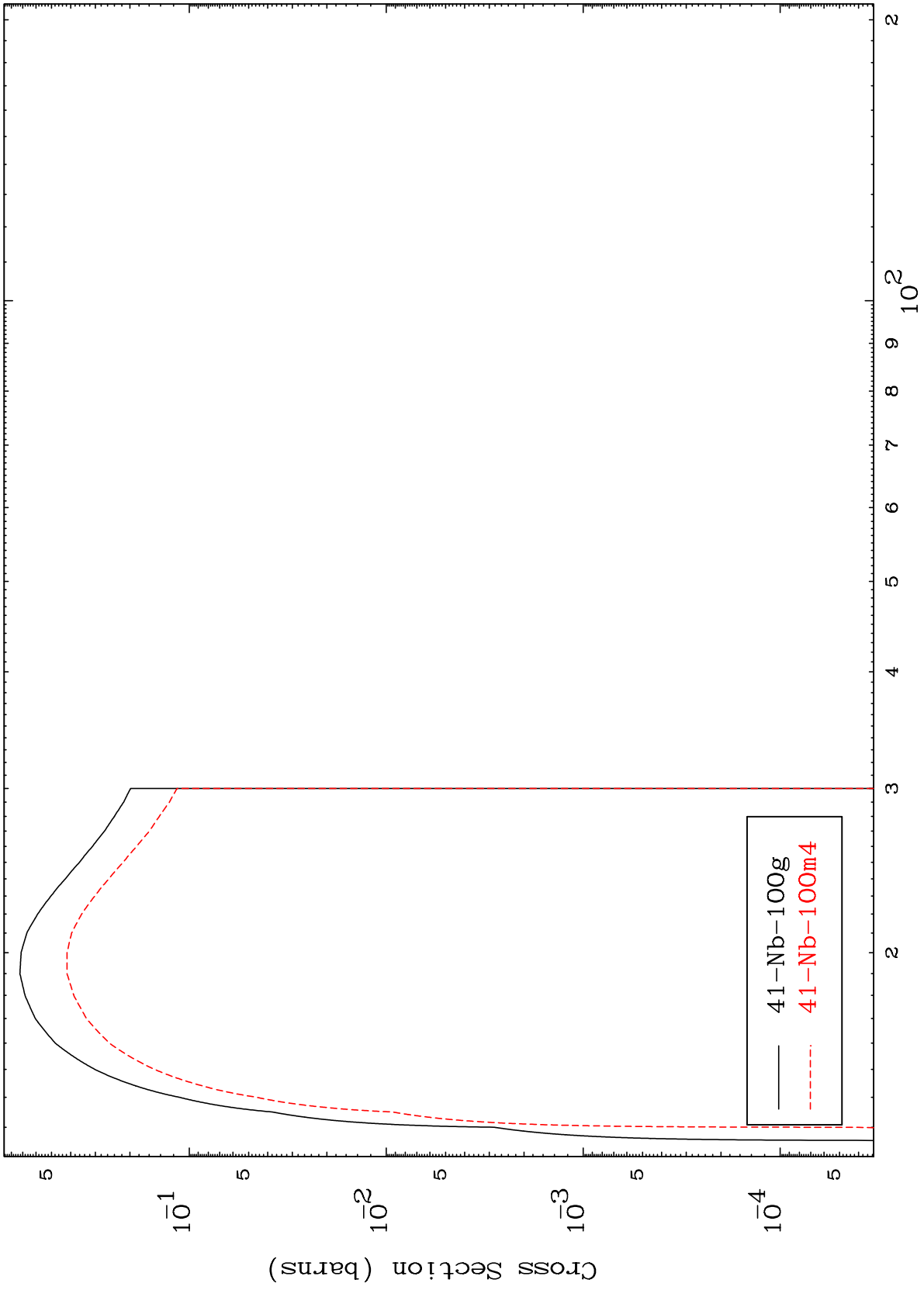


41-Nb-102m

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41-Nb-102m

Radionuclide Production Cross Section
(n,3n)



21

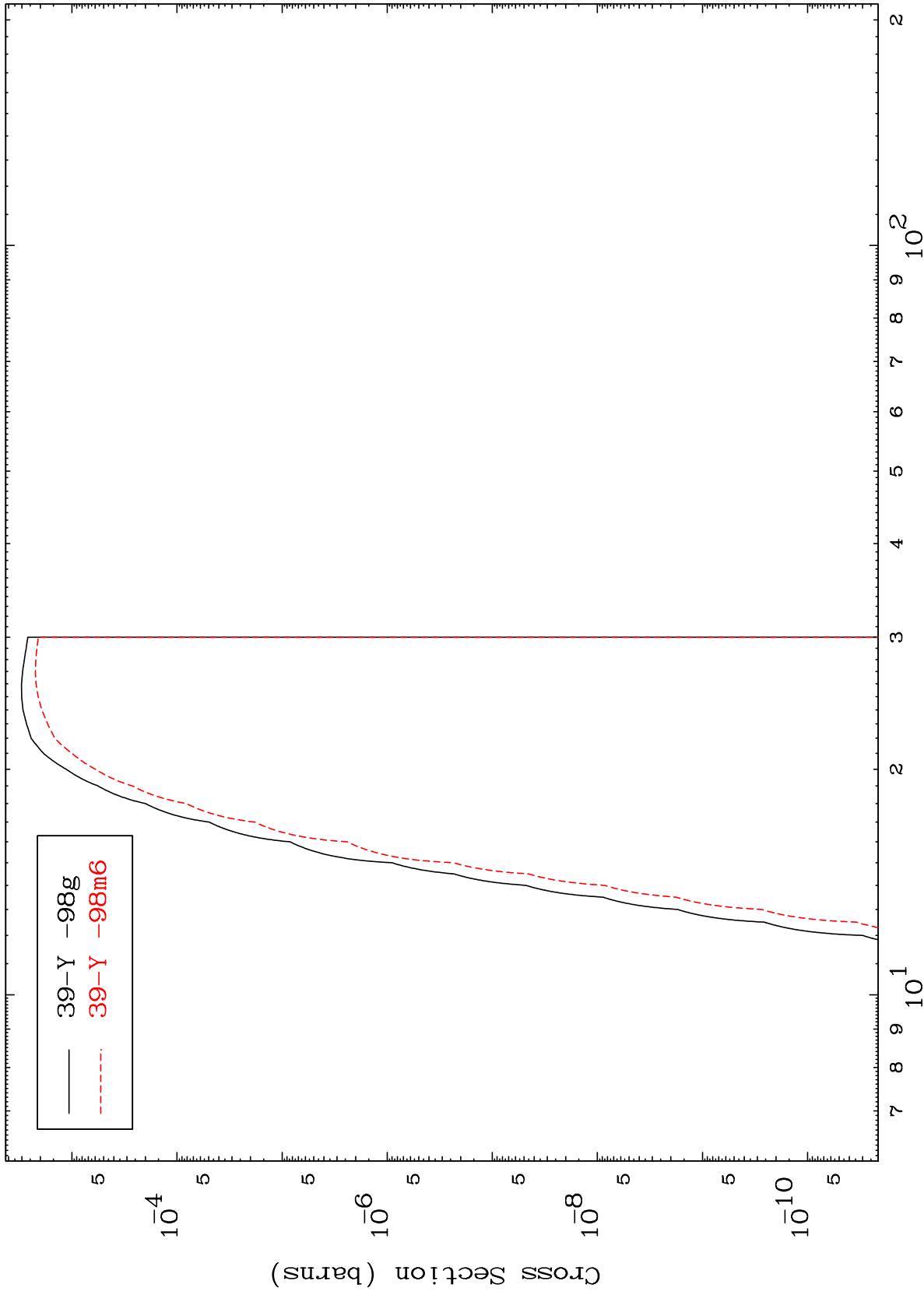
41-Nb-102m

MAT 4153

(n,n') α

41-Nb-102m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

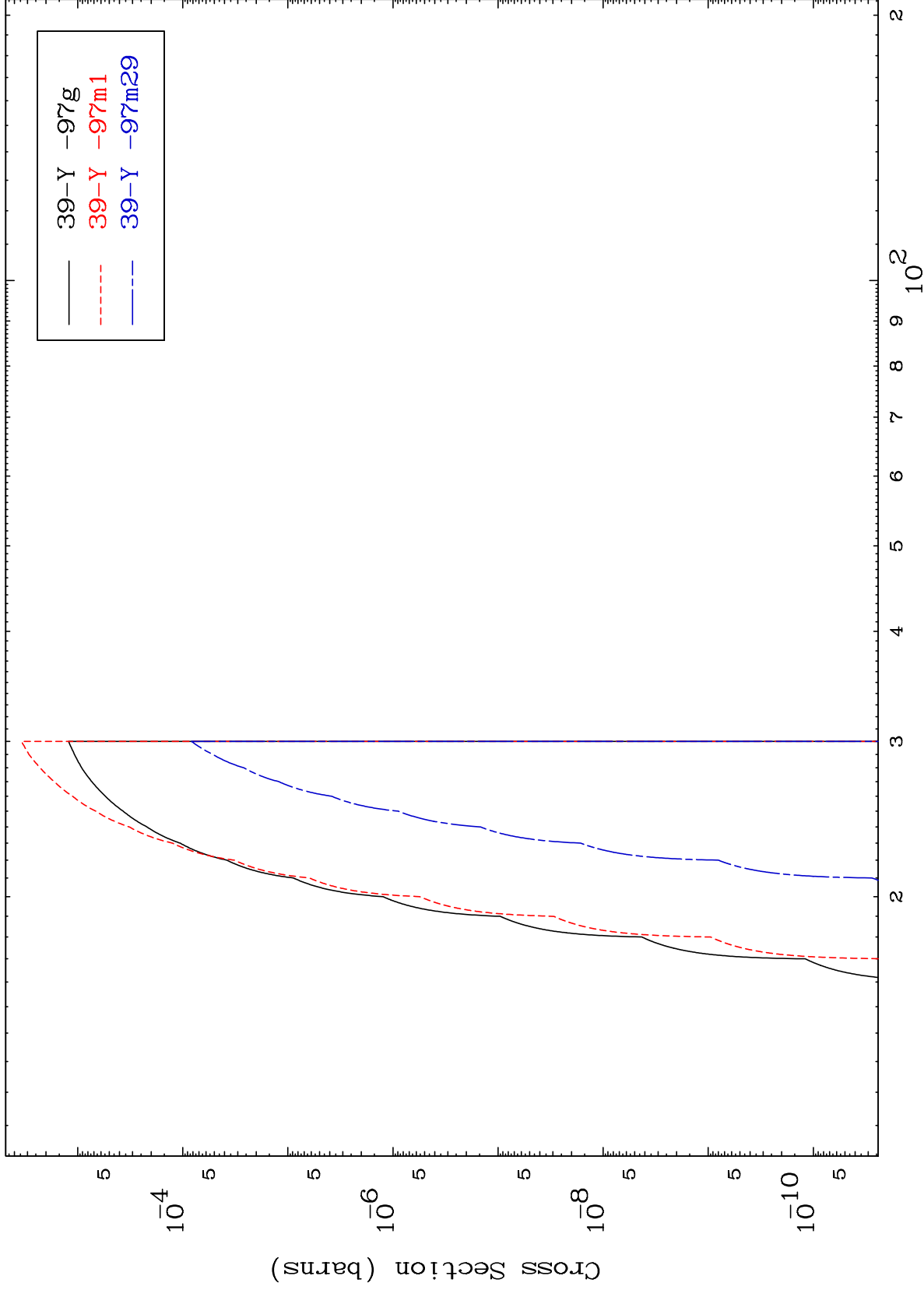
41-Nb-102m

MAT 4153

(n,2n) α

41-Nb-102m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

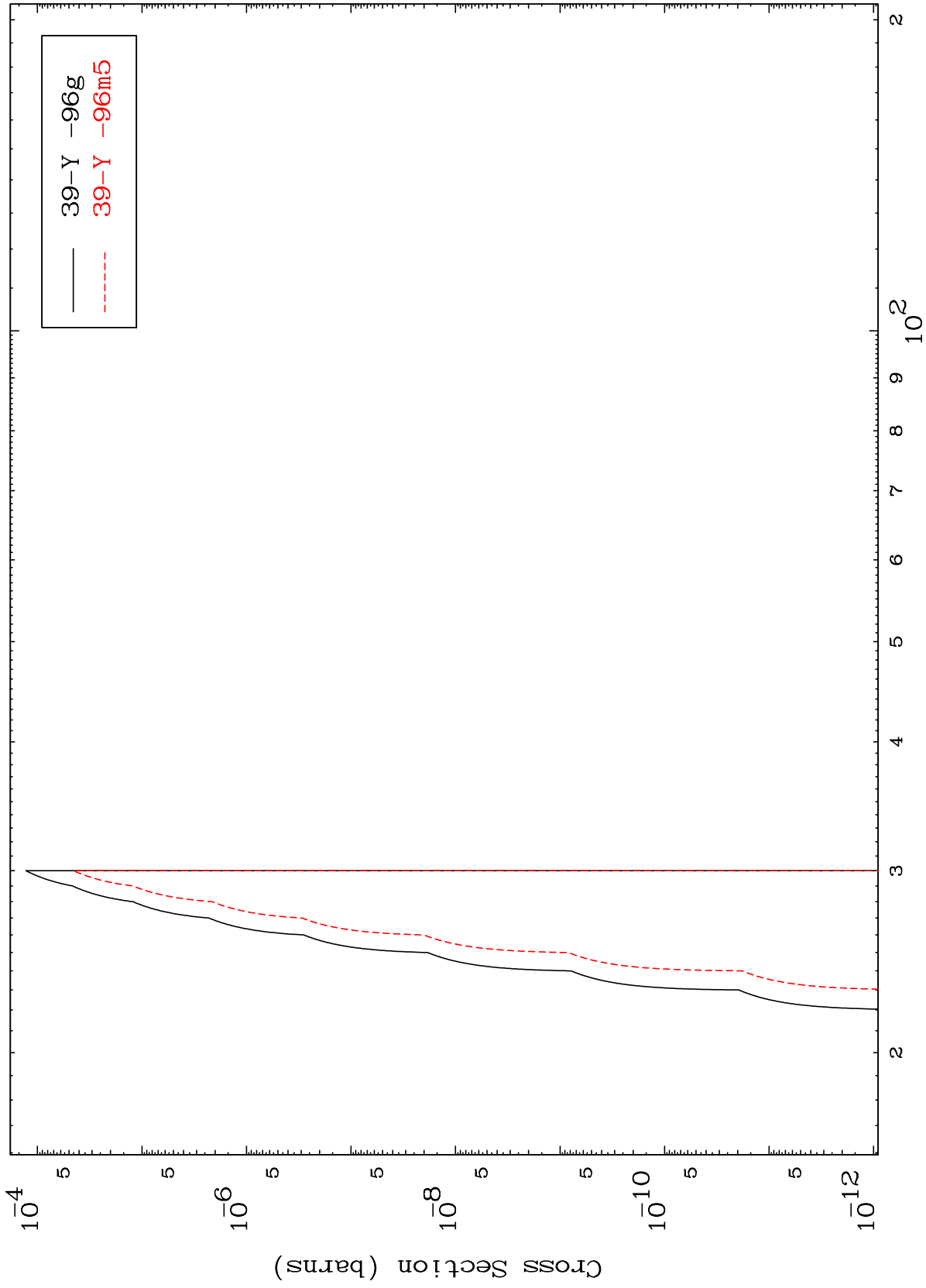
41-Nb-102m

MAT 4153

(n,3n) α

41-Nb-102m

Radionuclide Production Cross Section



24

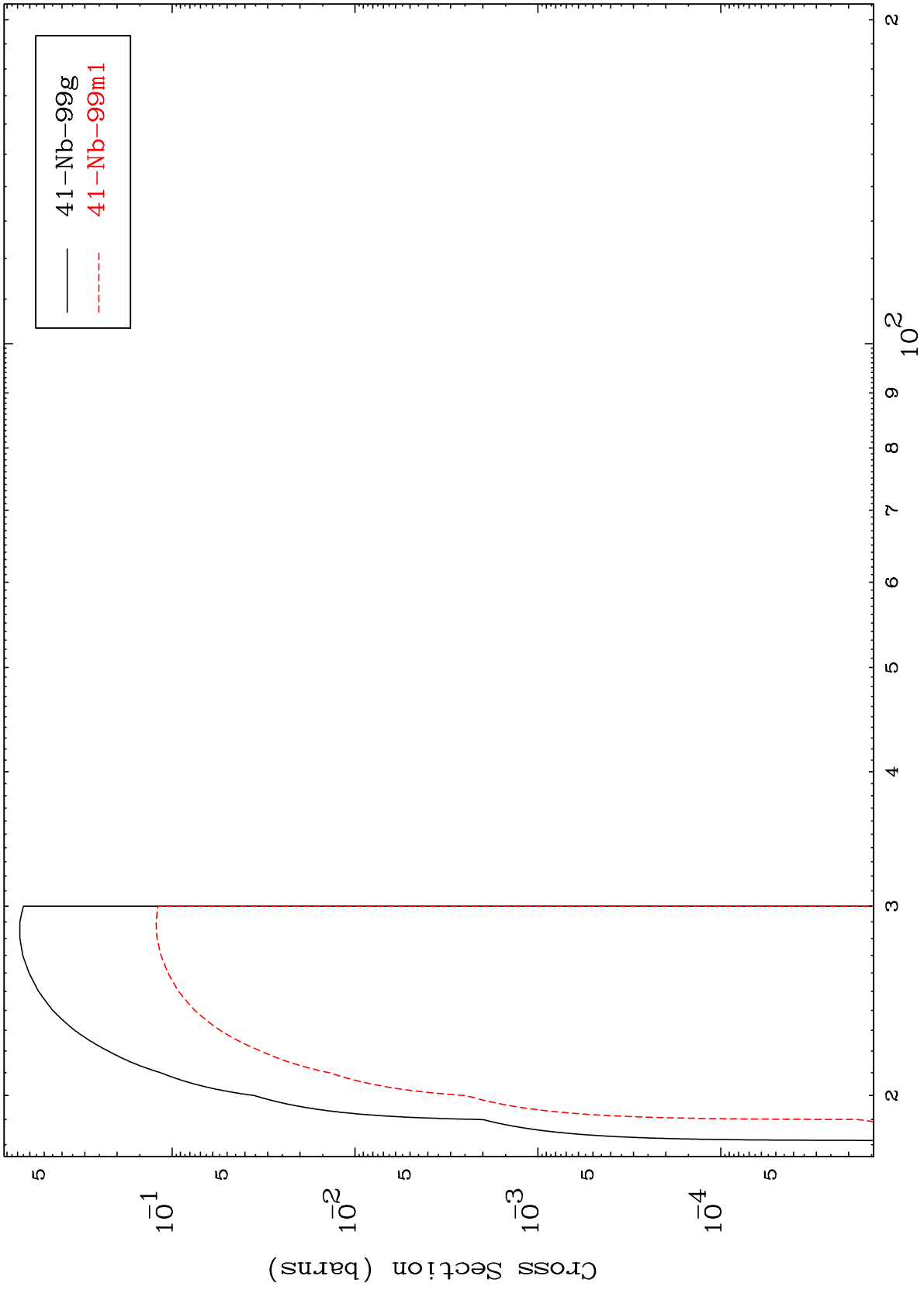
Incident Energy (MeV)

41-Nb-102m

MAT 4153

41-Nb-102m

(n,4n)
Radionuclide Production Cross Section



25

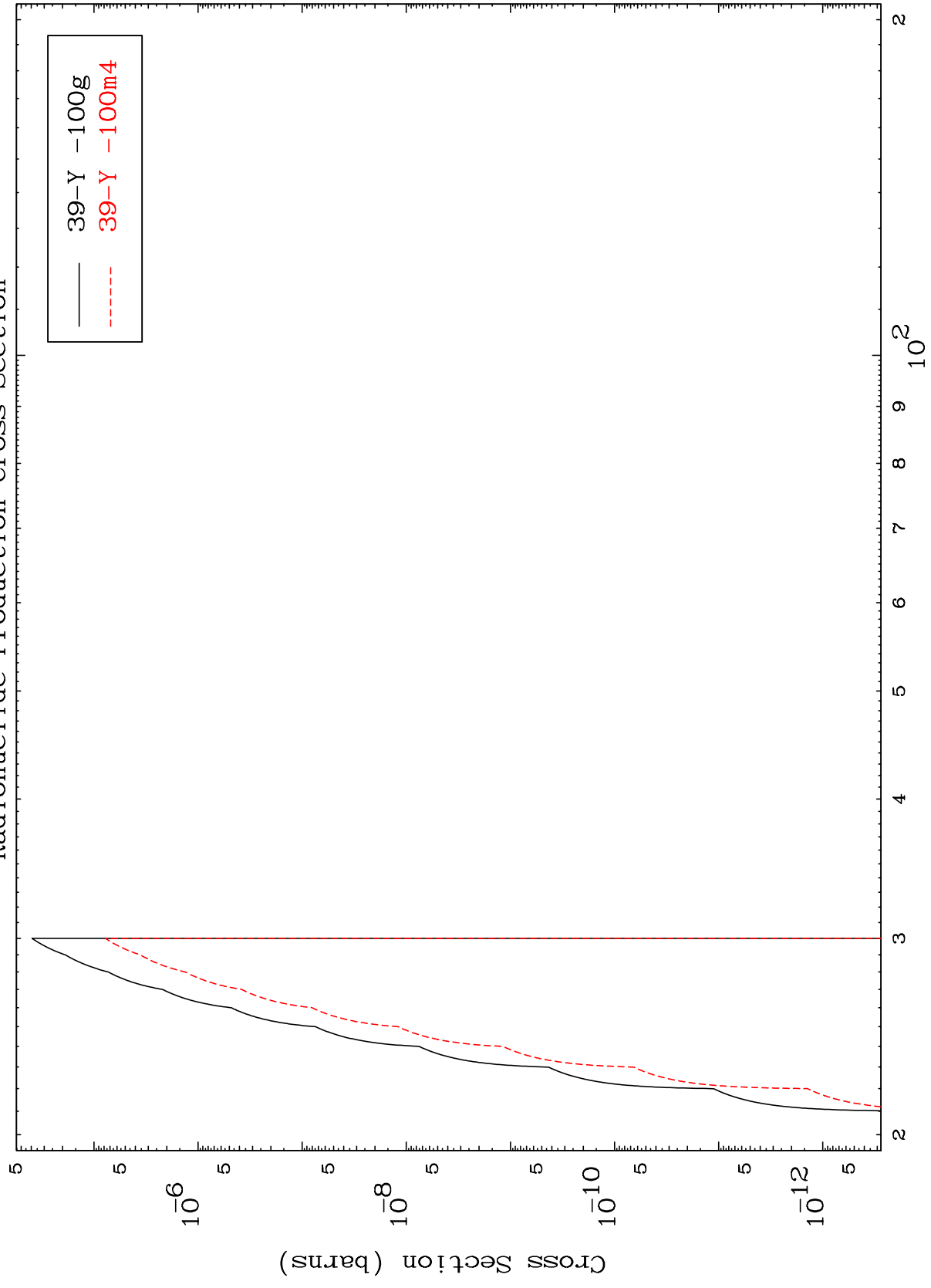
41-Nb-102m

MAT 4153

(n, He-3)

41-Nb-102m

Radionuclide Production Cross Section



39-Y - 100g
39-Y - 100m4

26

Incident Energy (MeV)

41-Nb-102m