

Program EVALPLOT
(Version 2017-1)

by

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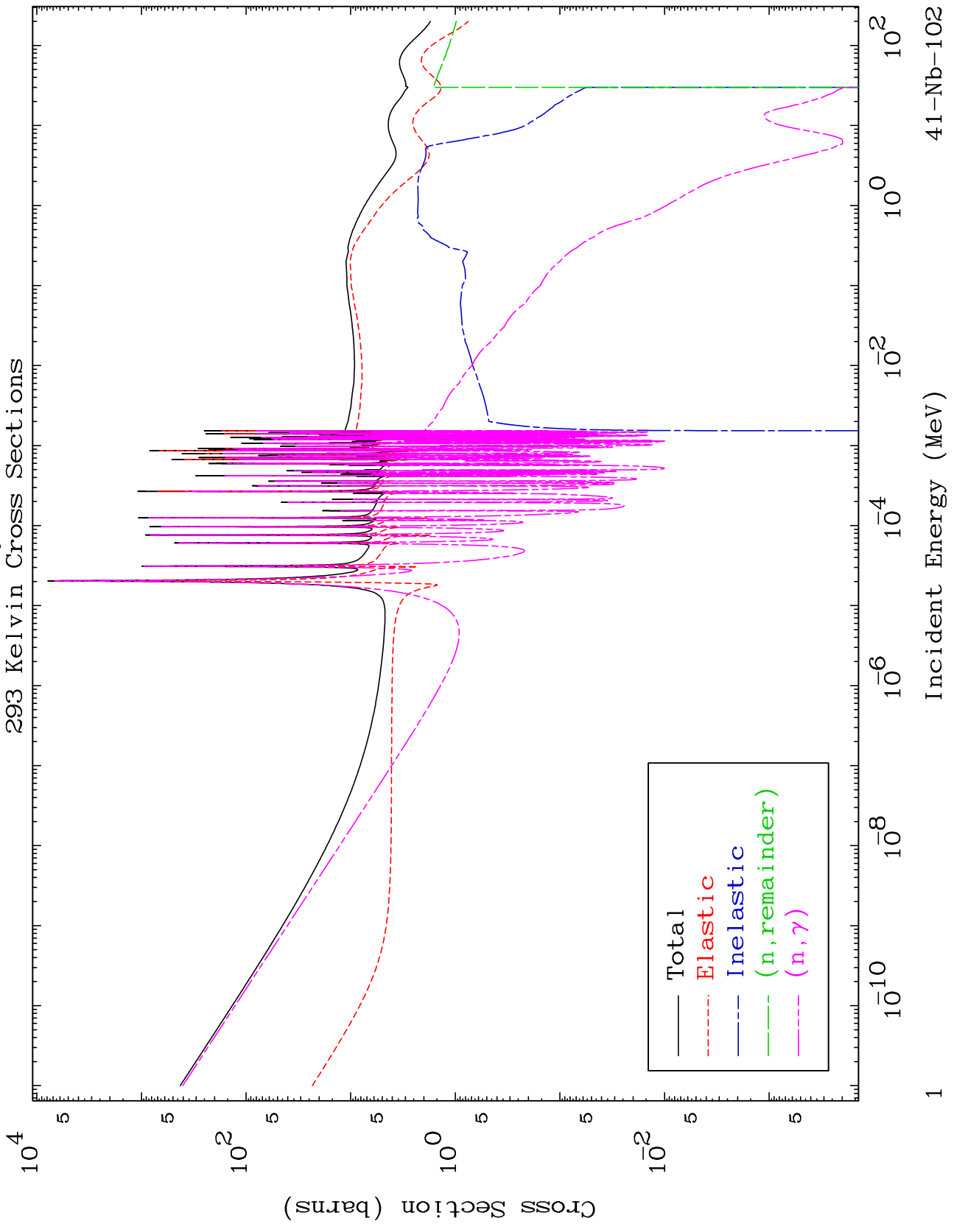
Press Mouse Button to Start

MAT 4153

Major

293 Kelvin Cross Sections

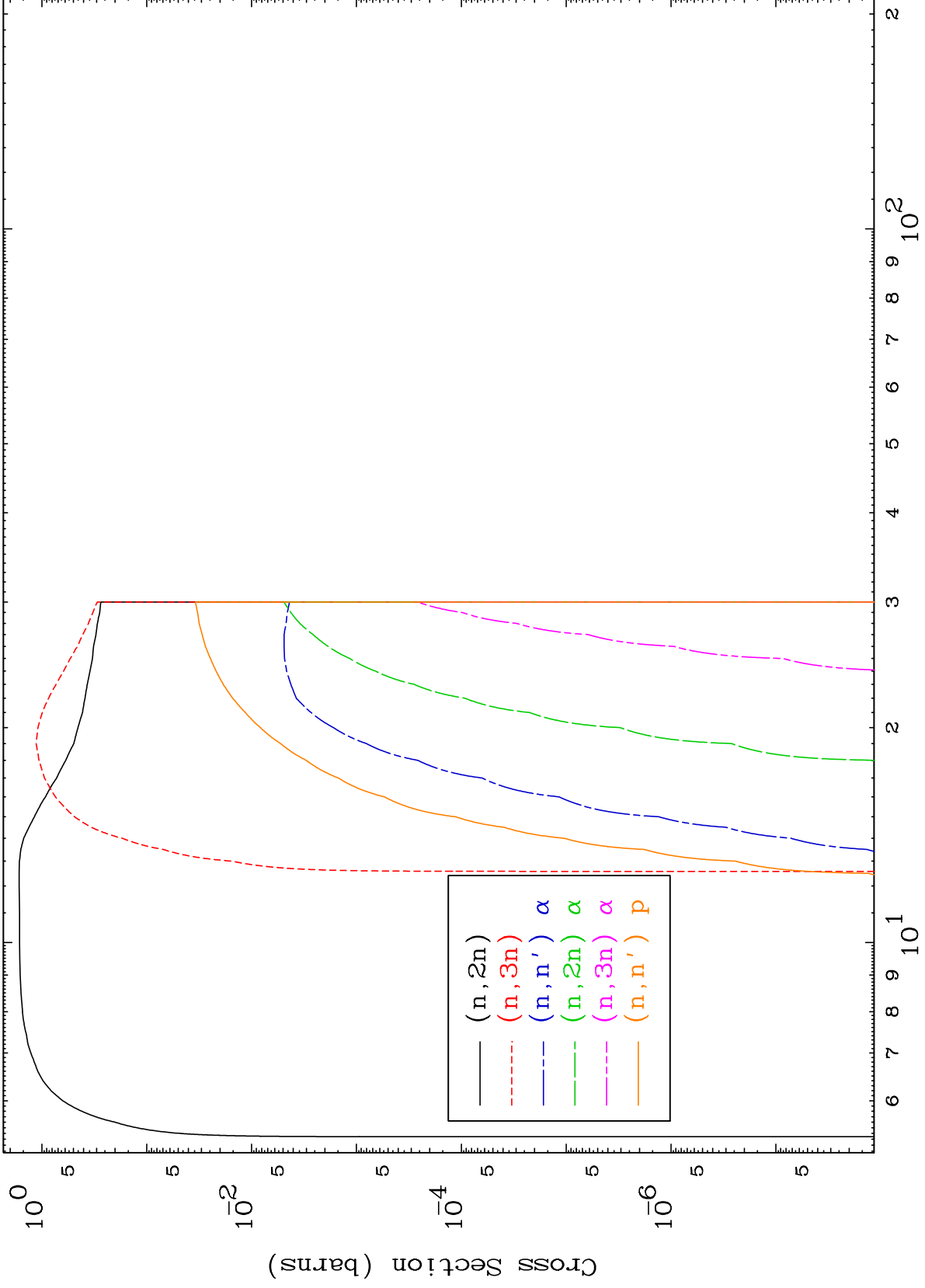
41-Nb-102

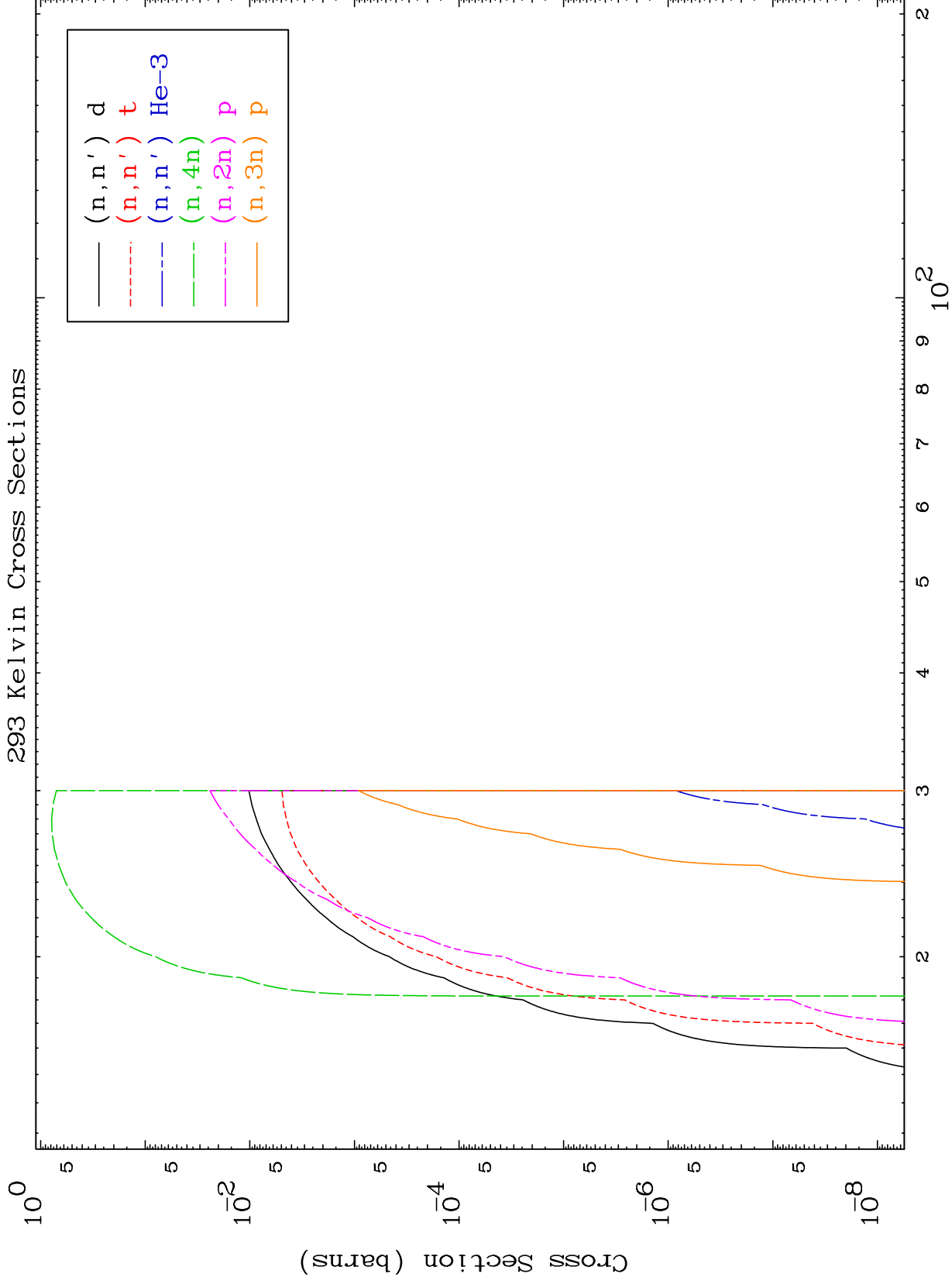


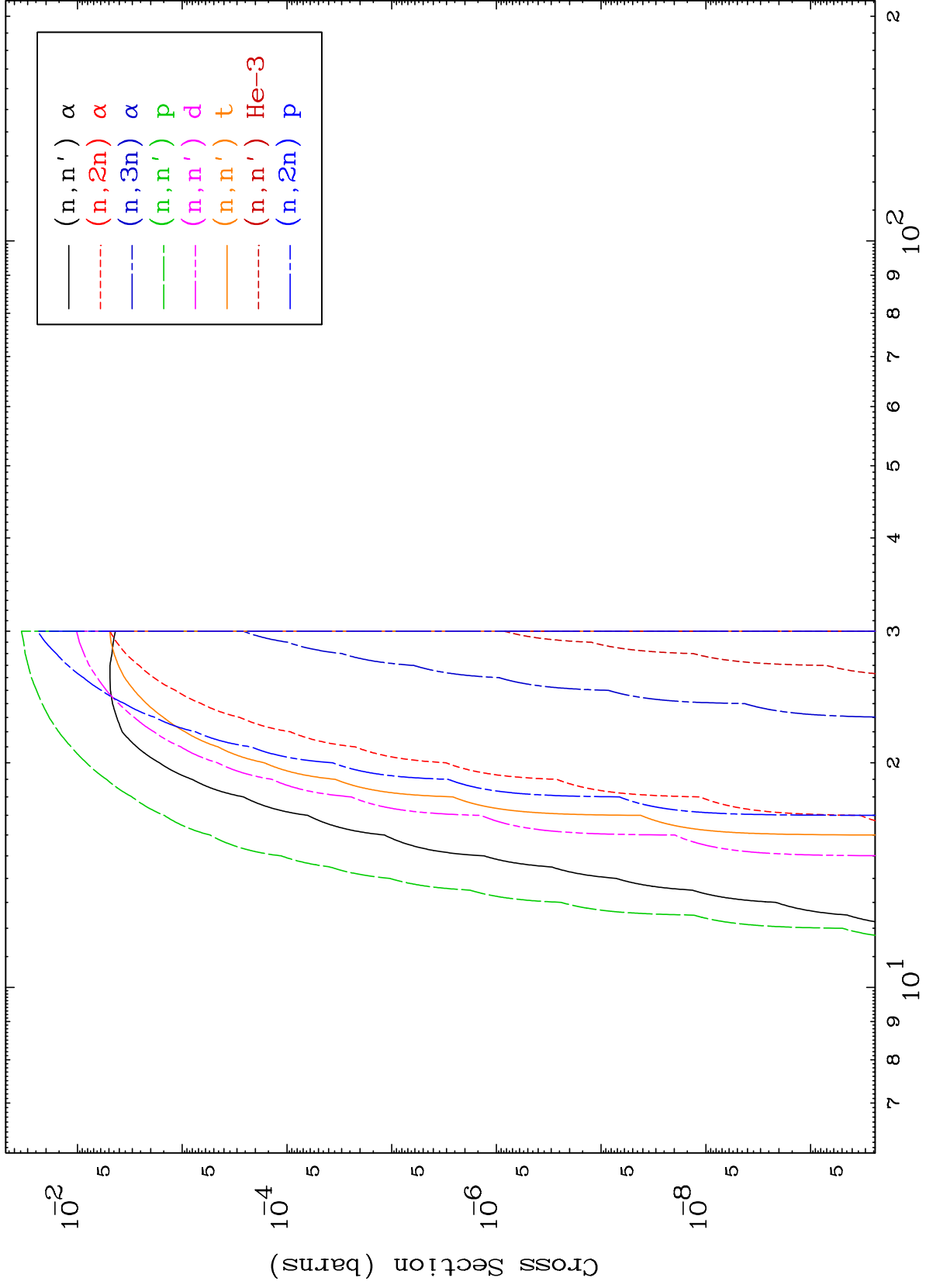
MAT 4153

Neutron Production
293 Kelvin Cross Sections

41-Nb-102



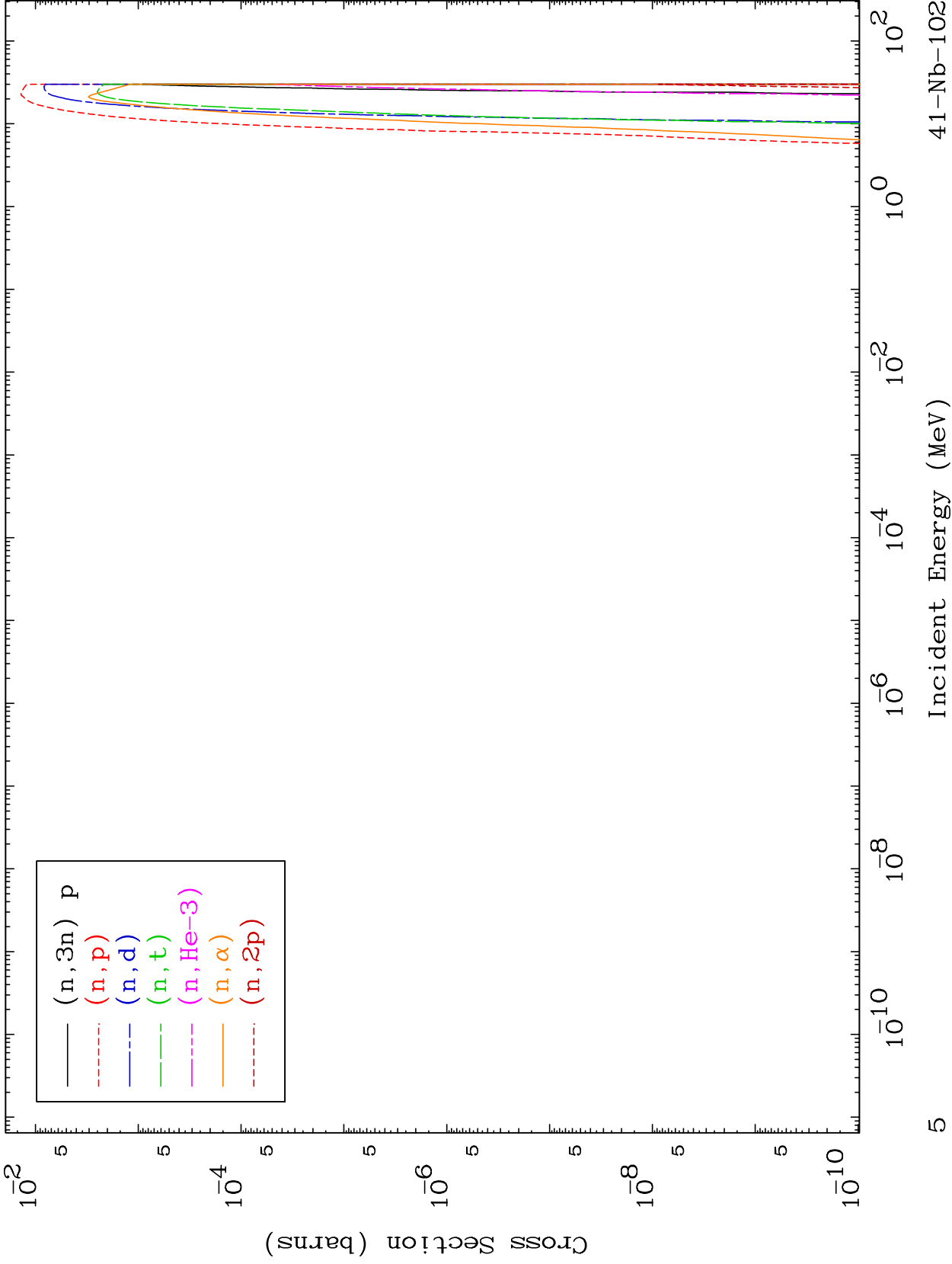




MAT 4153

Charged Particle
293 Kelvin Cross Sections

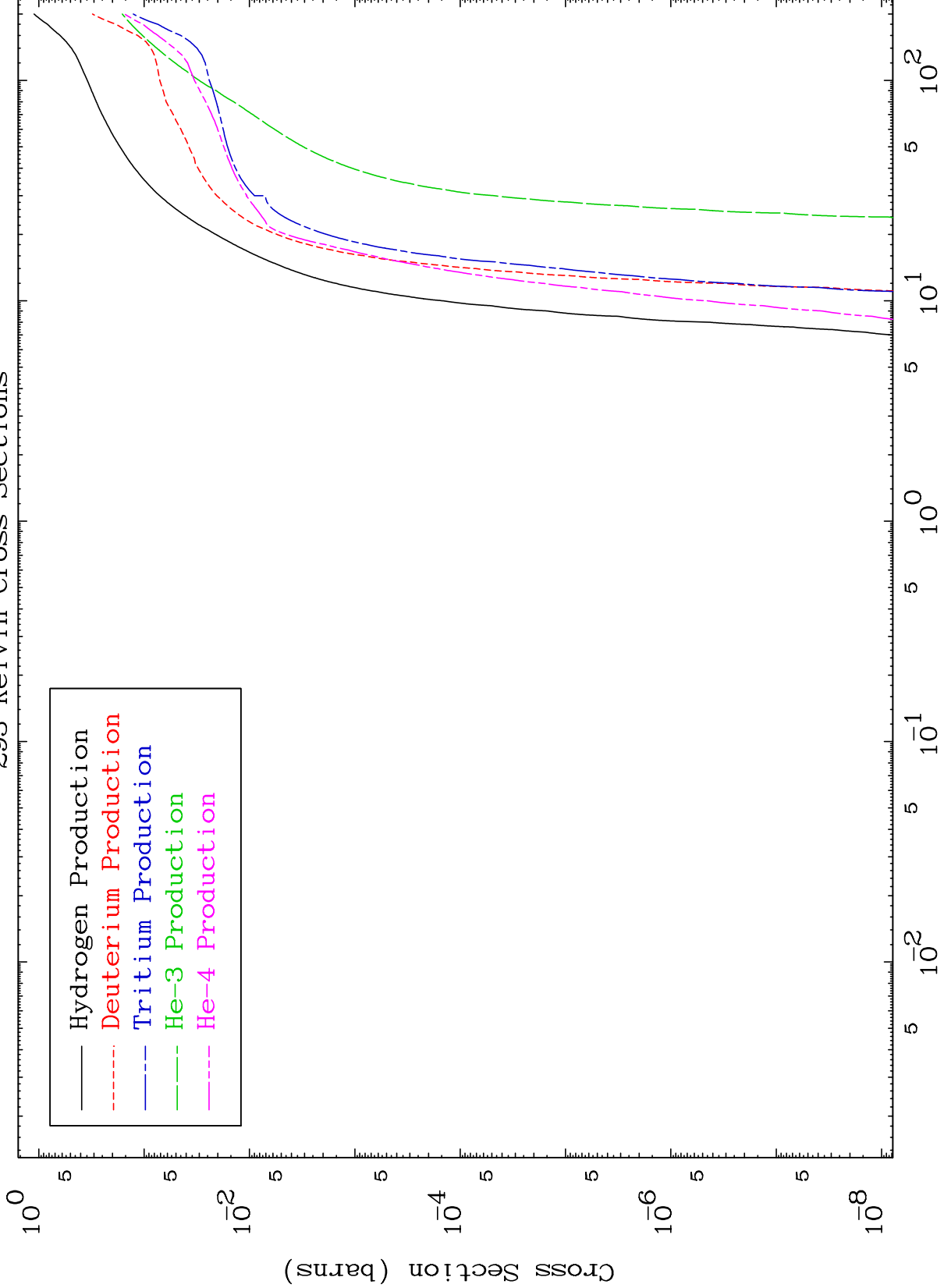
41-Nb-102



MAT 4153

Particle Production
293 Kelvin Cross Sections

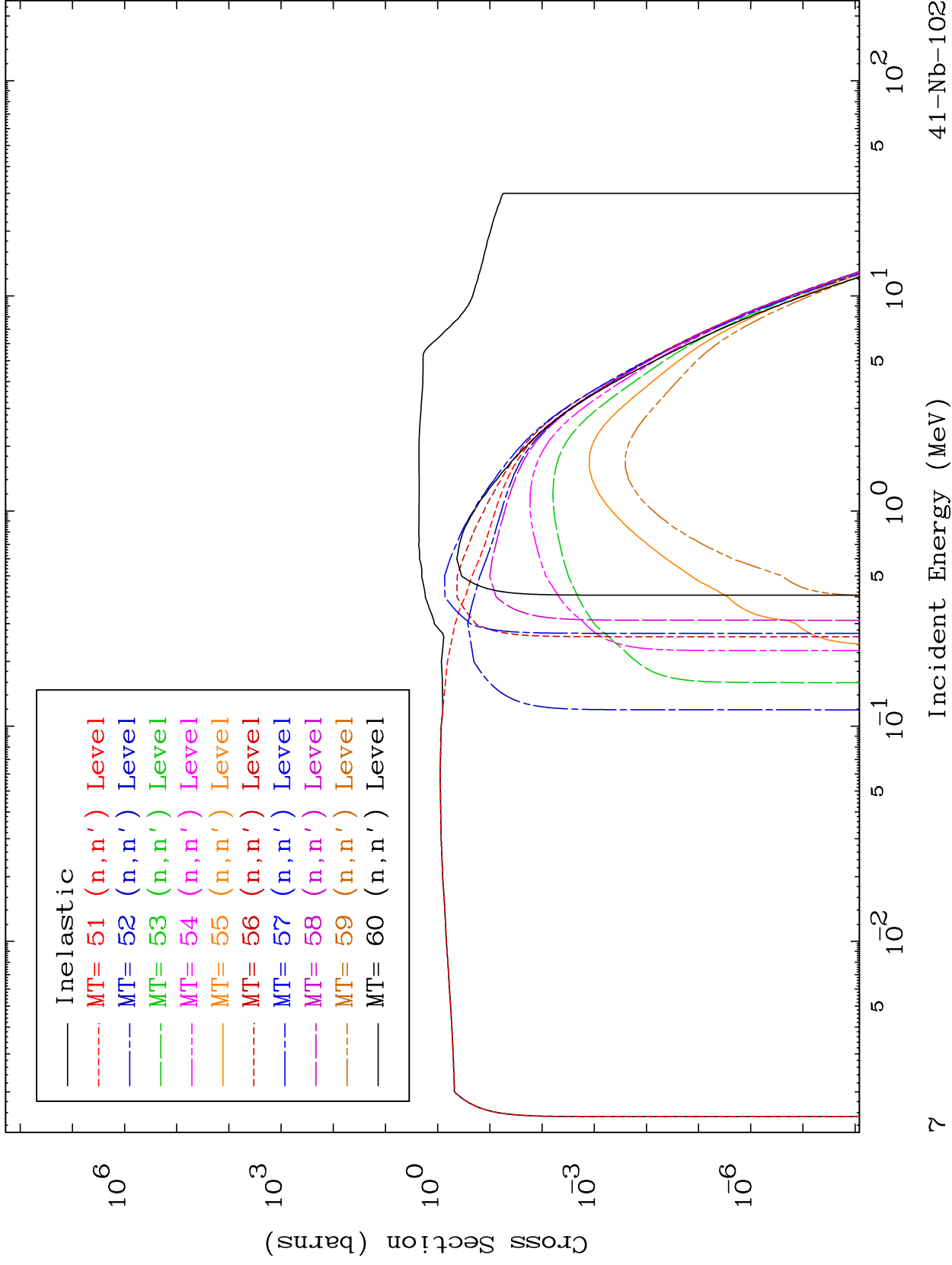
41-Nb-102



MAT 4153

(n,n') Level
293 Kelvin Cross Sections

41-Nb-102

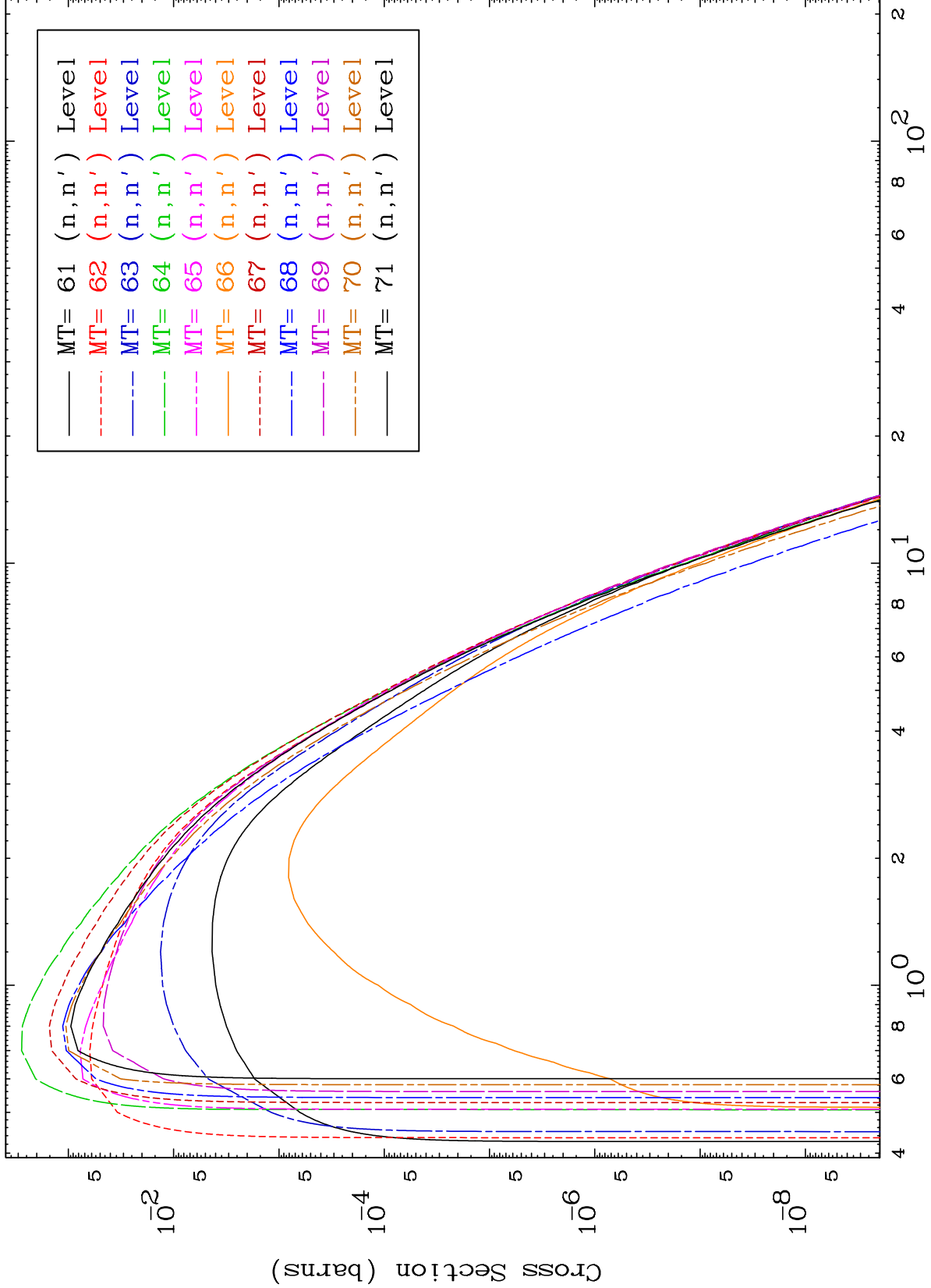


MAT 4153

(n,n') Level

41-Nb-102

293 Kelvin Cross Sections



Incident Energy (MeV)

41-Nb-102

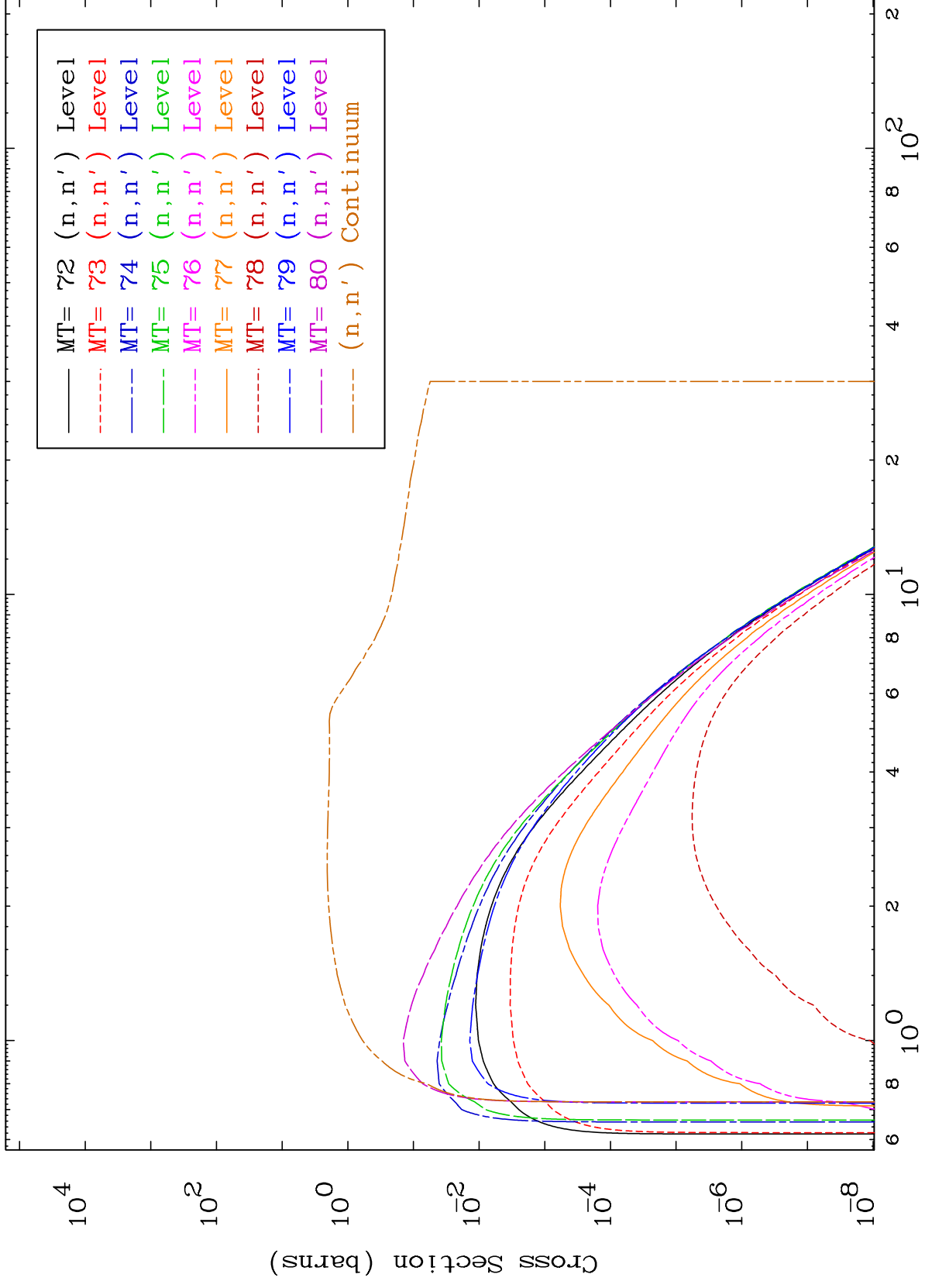
8

MAT 4153

(n,n') Level

293 Kelvin Cross Sections

41-Nb-102



Incident Energy (MeV)

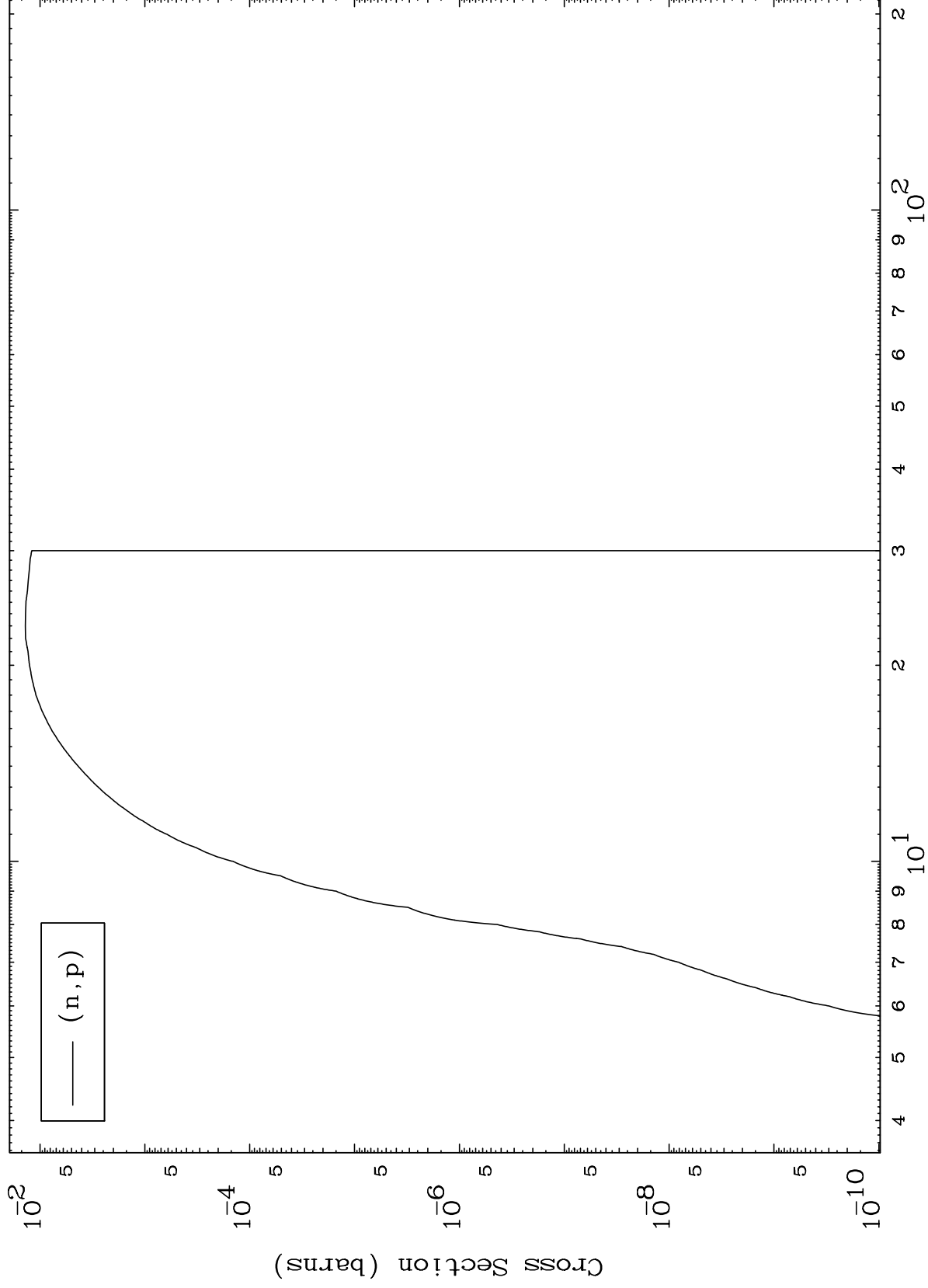
41-Nb-102

9

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(n,p) Levels
293 Kelvin Cross Sections

41-Nb-102



10

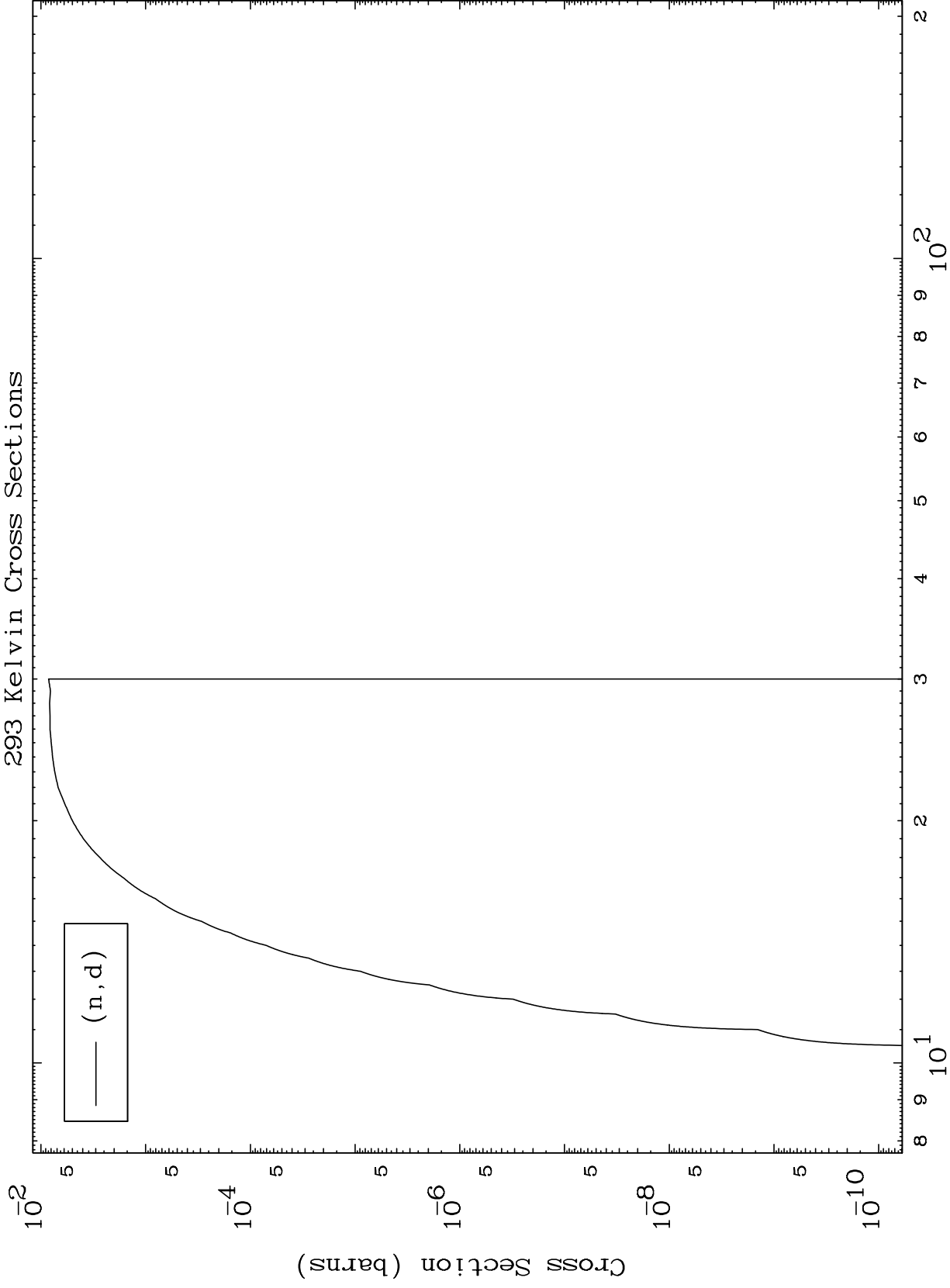
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-102



11

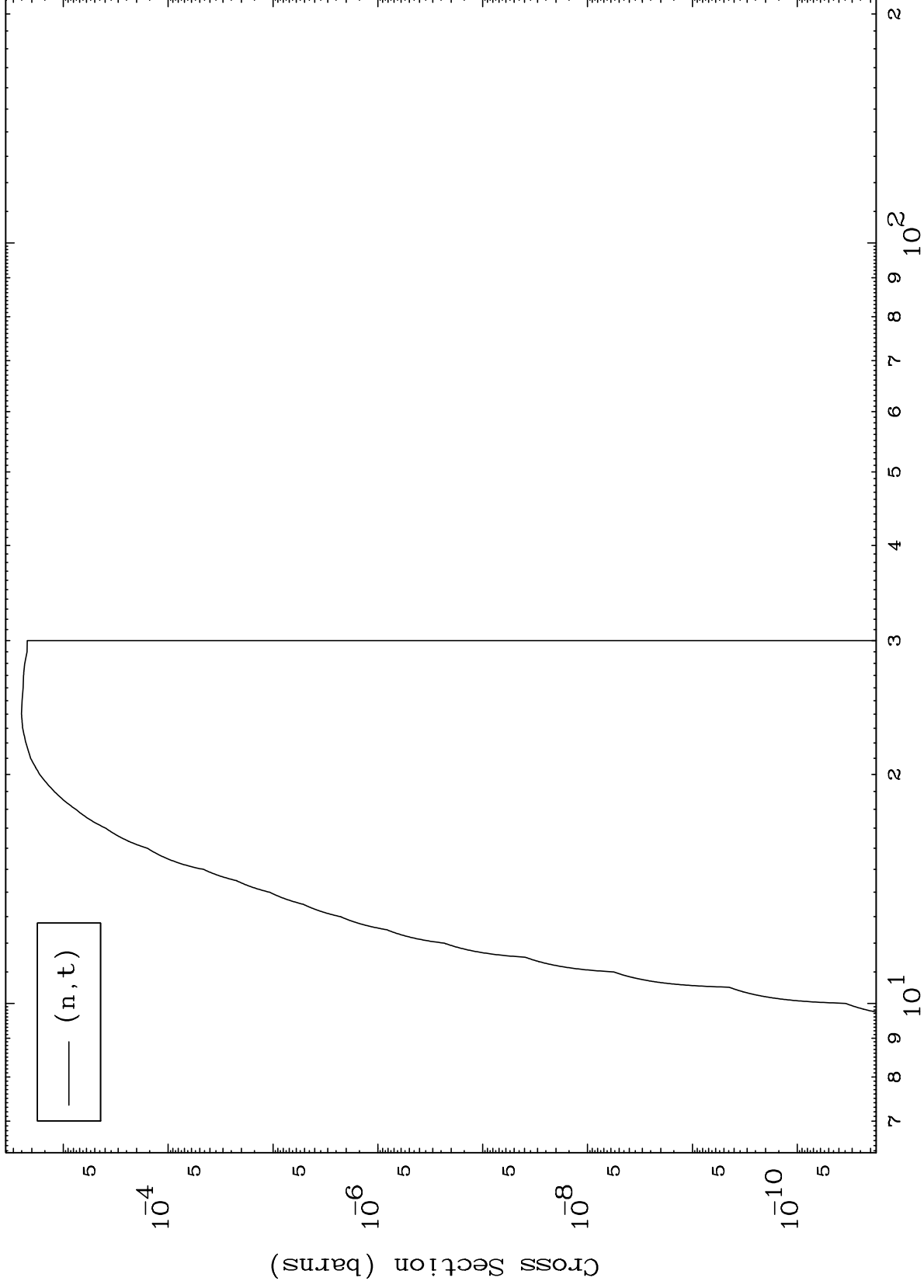
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-102



12

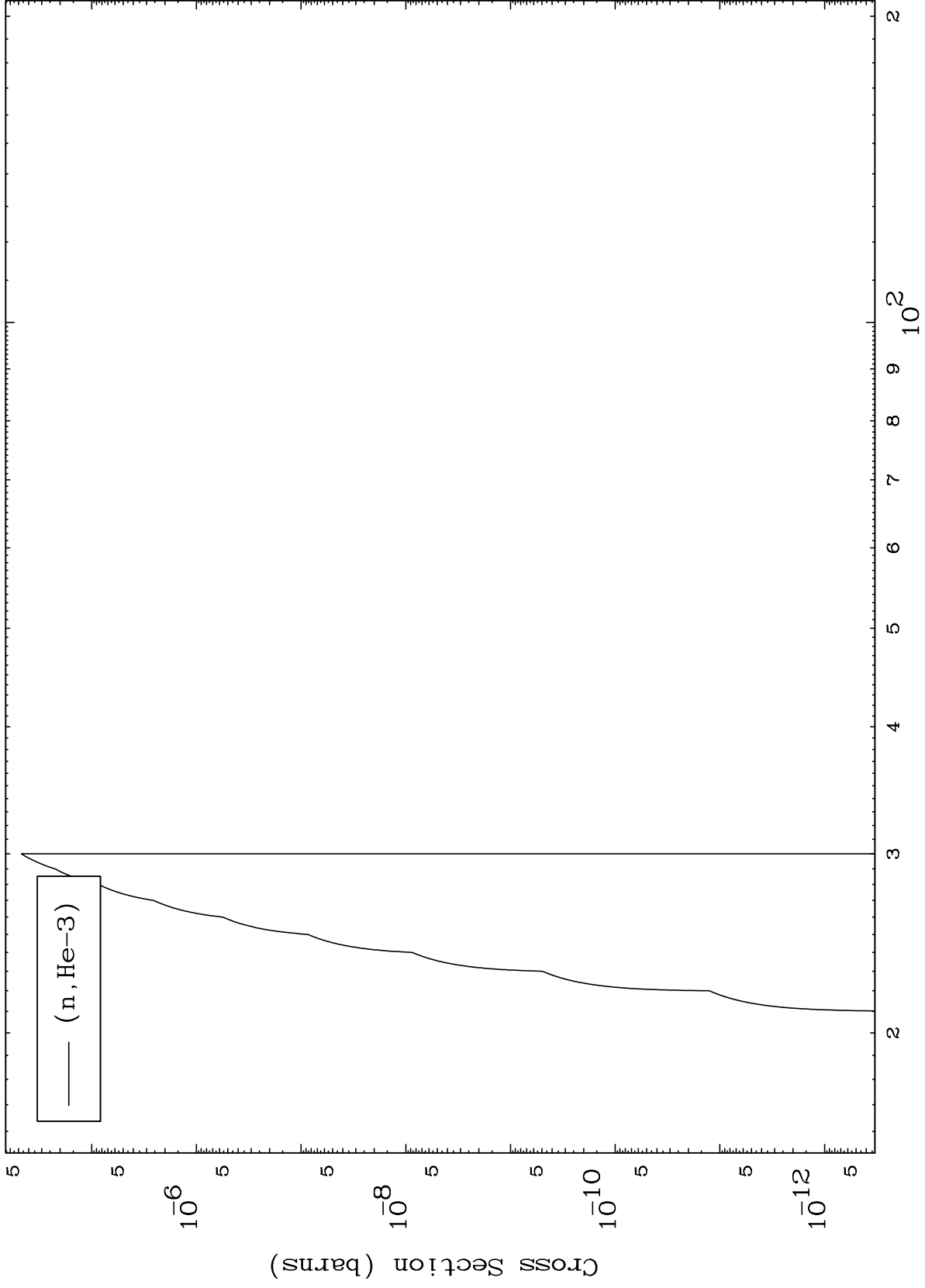
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-102



13

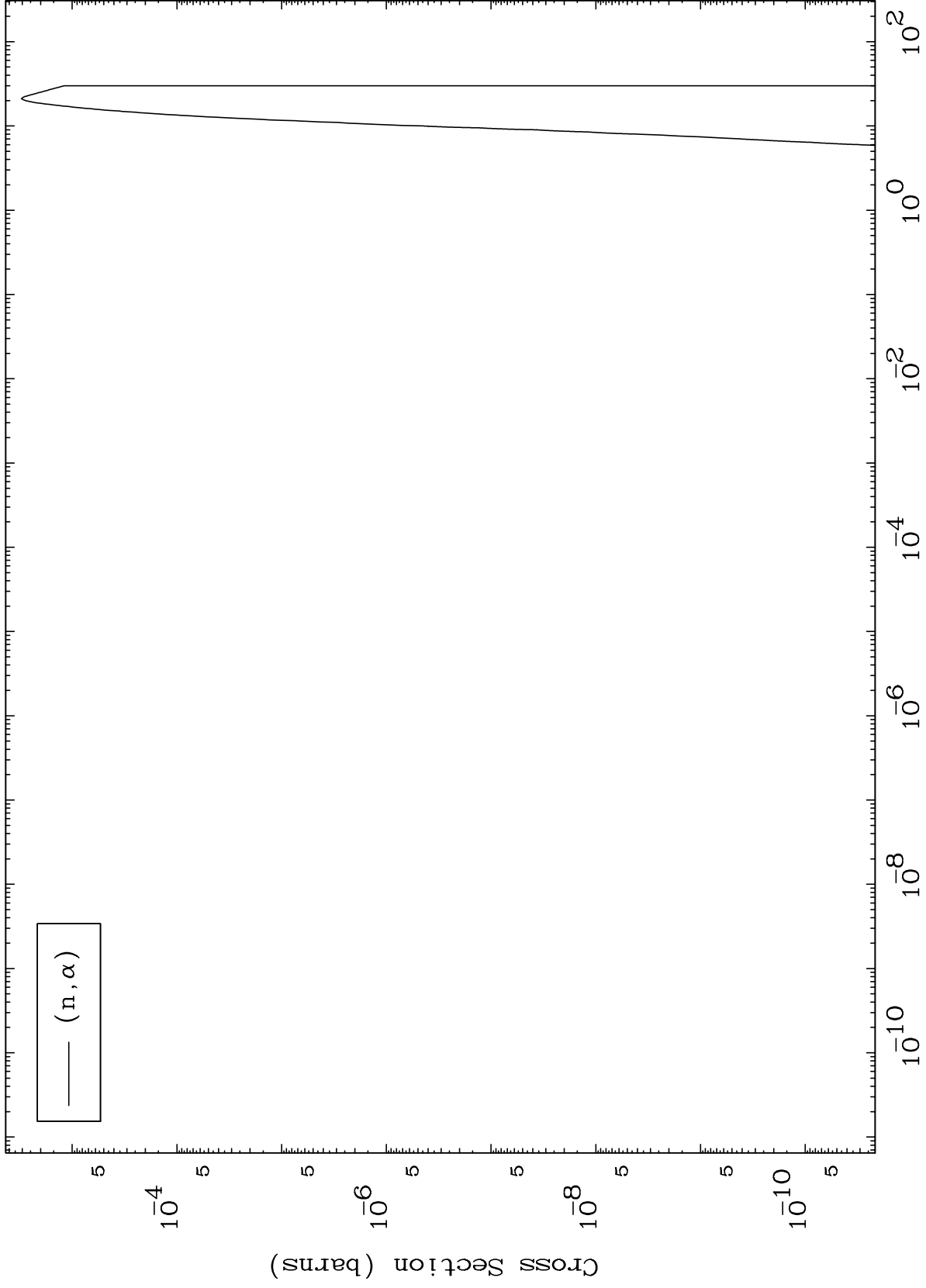
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n, α) Levels
293 Kelvin Cross Sections

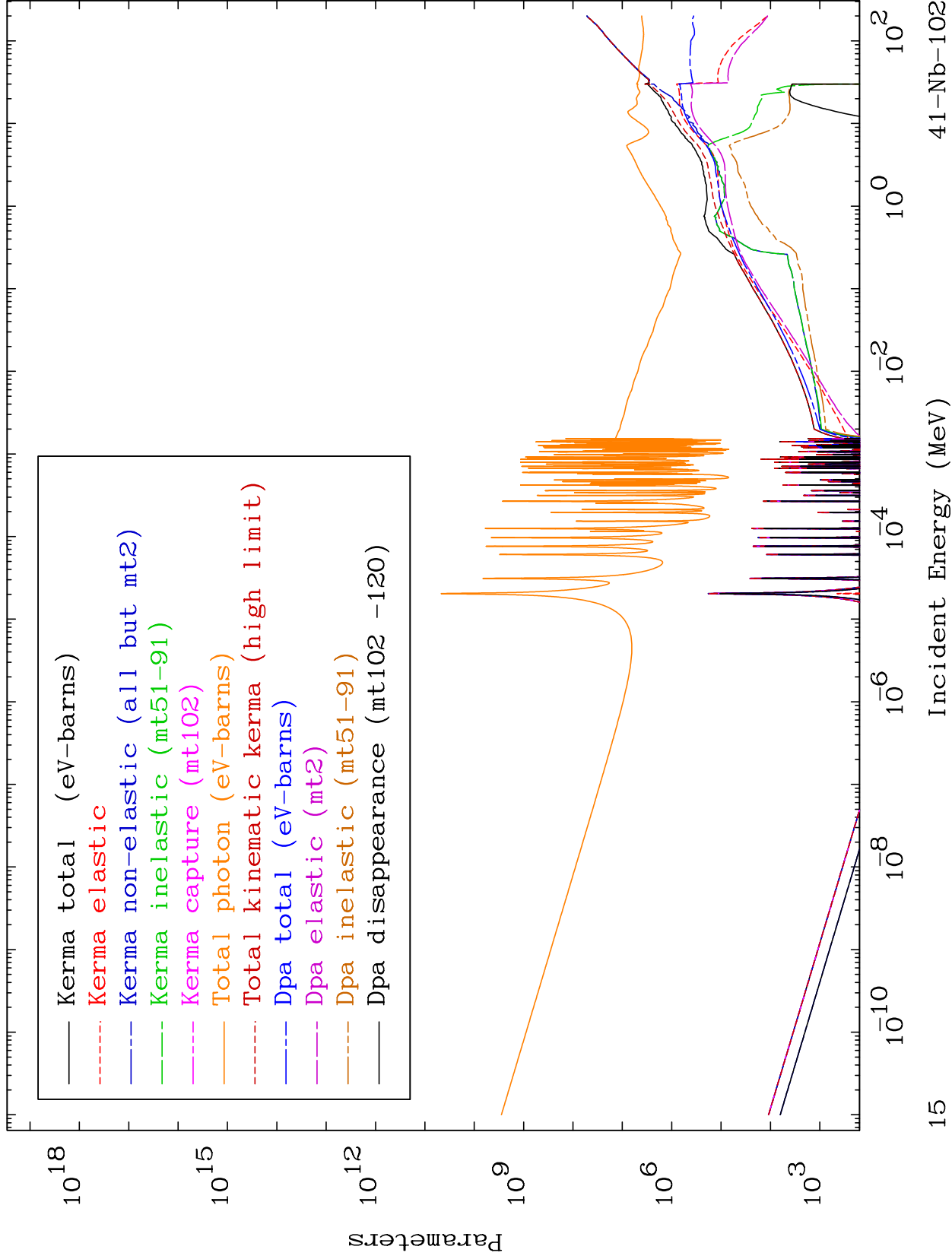
41-Nb-102



14

Incident Energy (MeV)

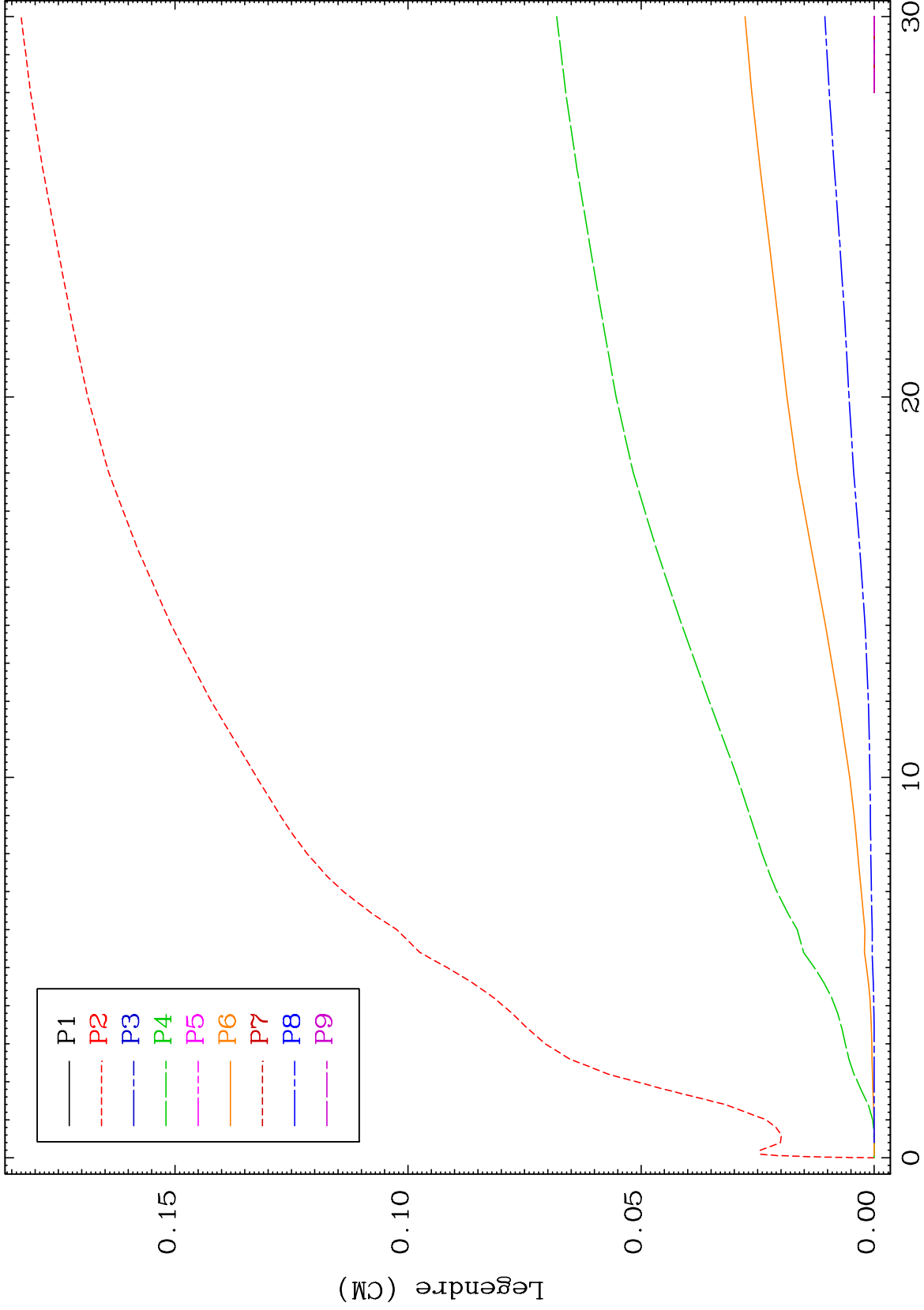
41-Nb-102



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Elastic Legendre Coefficients

41-Nb-102



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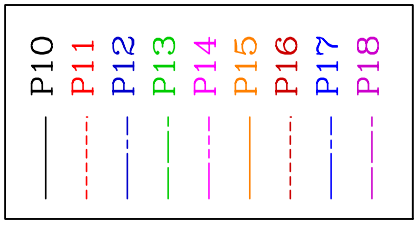
Incident Energy (MeV)

41-Nb-102

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Elastic Legendre Coefficients

41-Nb-102



0.000

Legendre (CM)

0.000

0.000

5

10

15

20

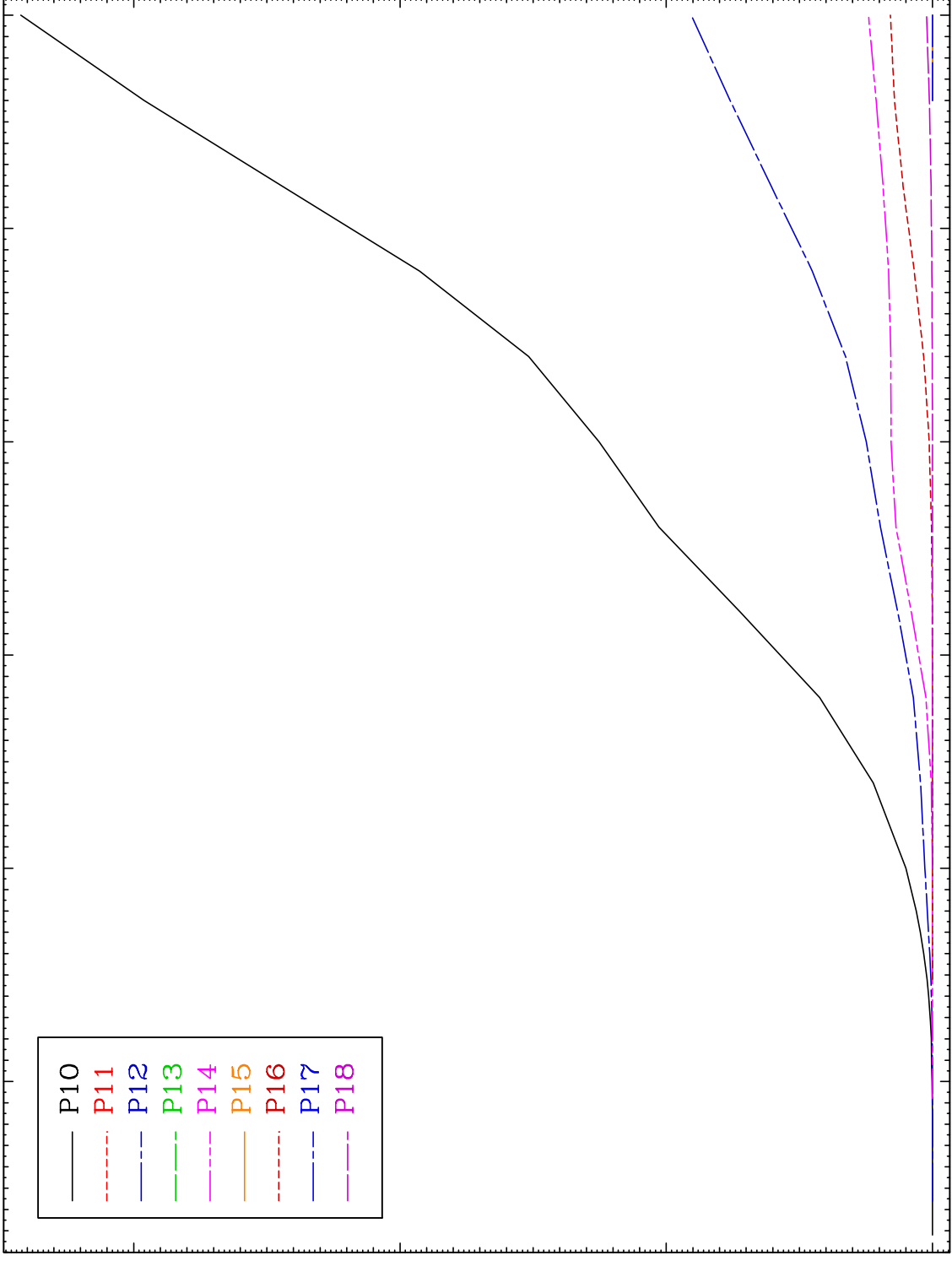
25

30

17

Incident Energy (MeV)

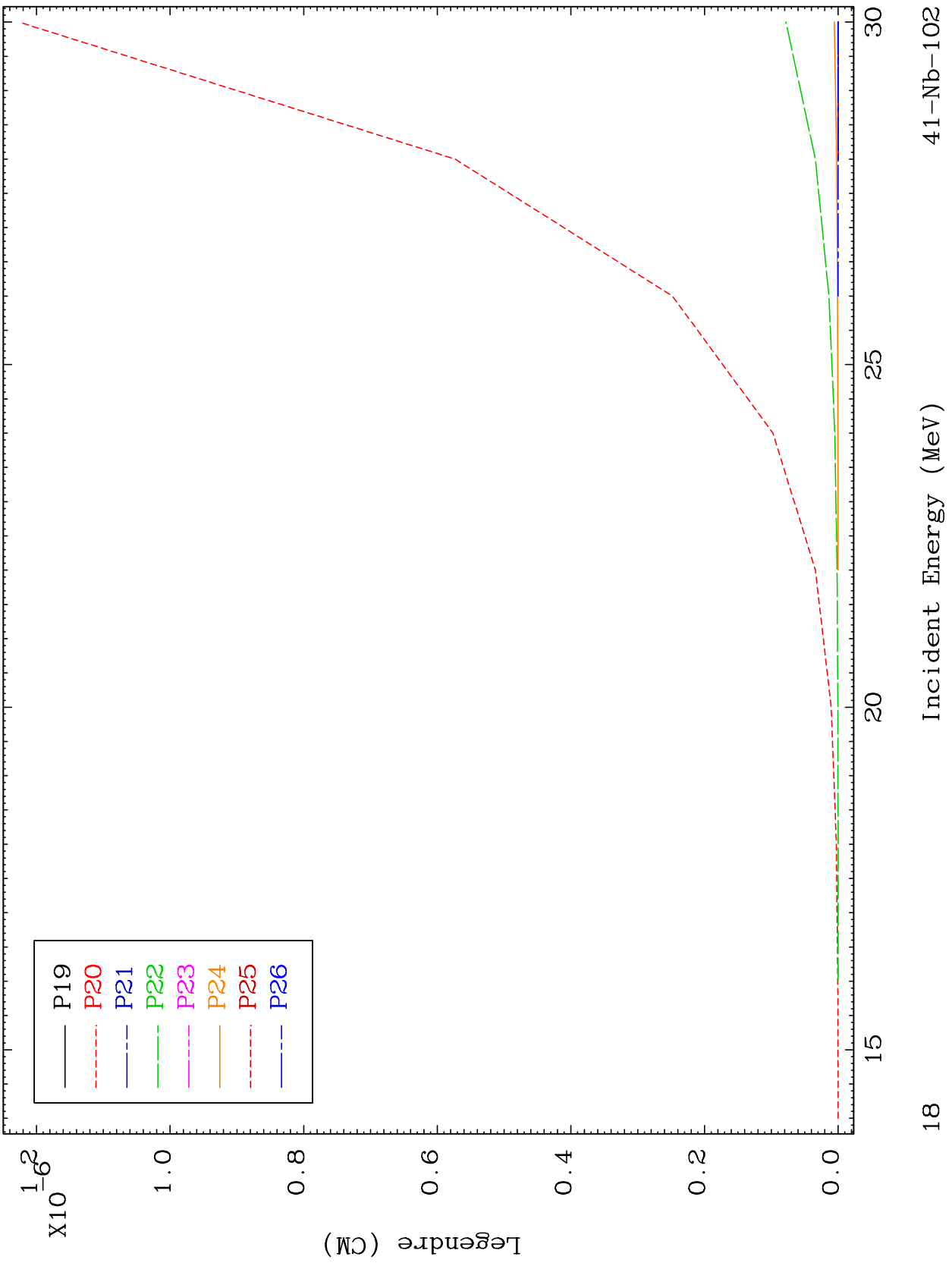
41-Nb-102



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Elastic
Legendre Coefficients

41-Nb-102



18

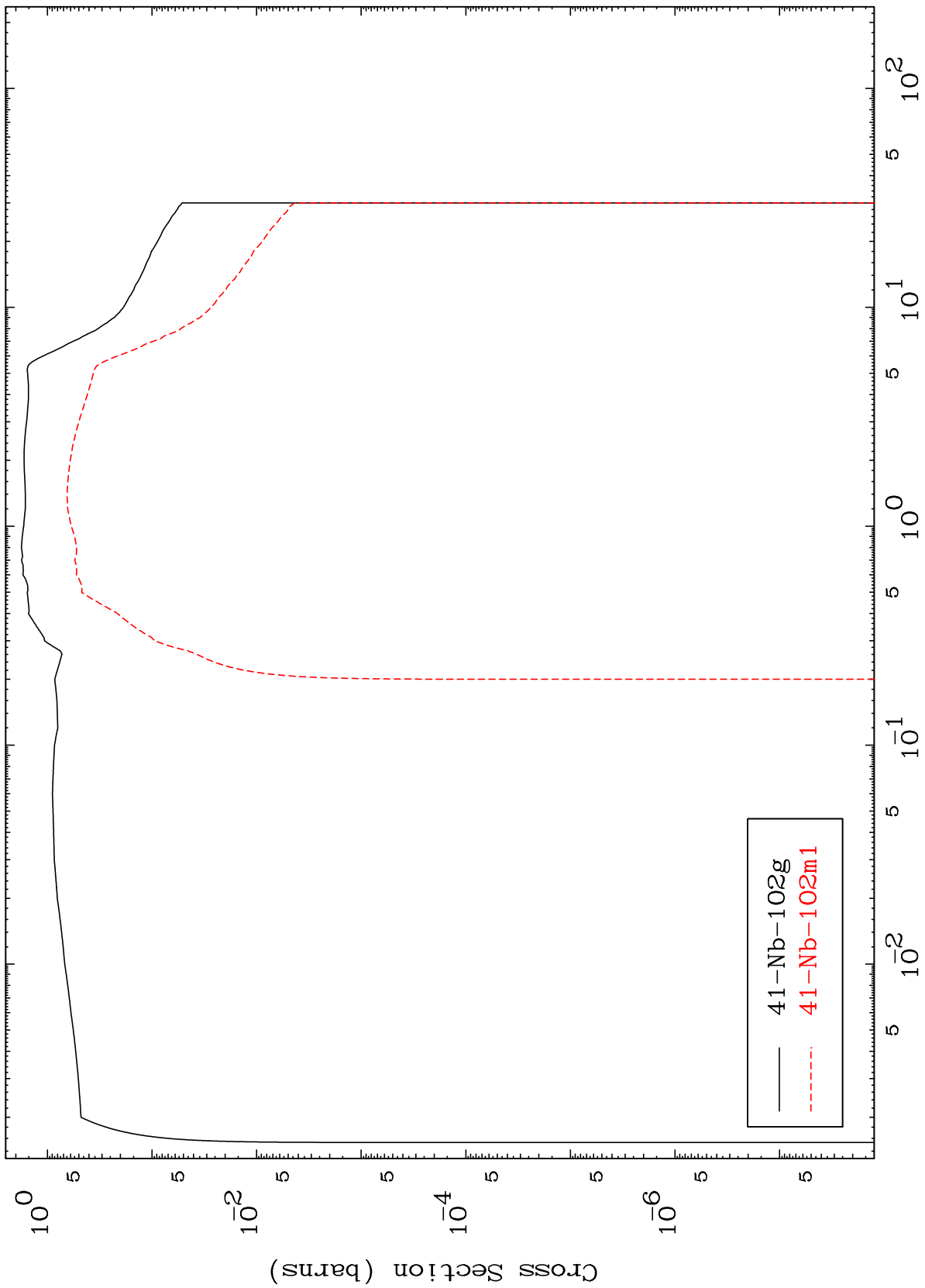
Incident Energy (MeV)

41-Nb-102

MAT 4153

41-Nb-102

Inelastic
Radionuclide Production Cross Section



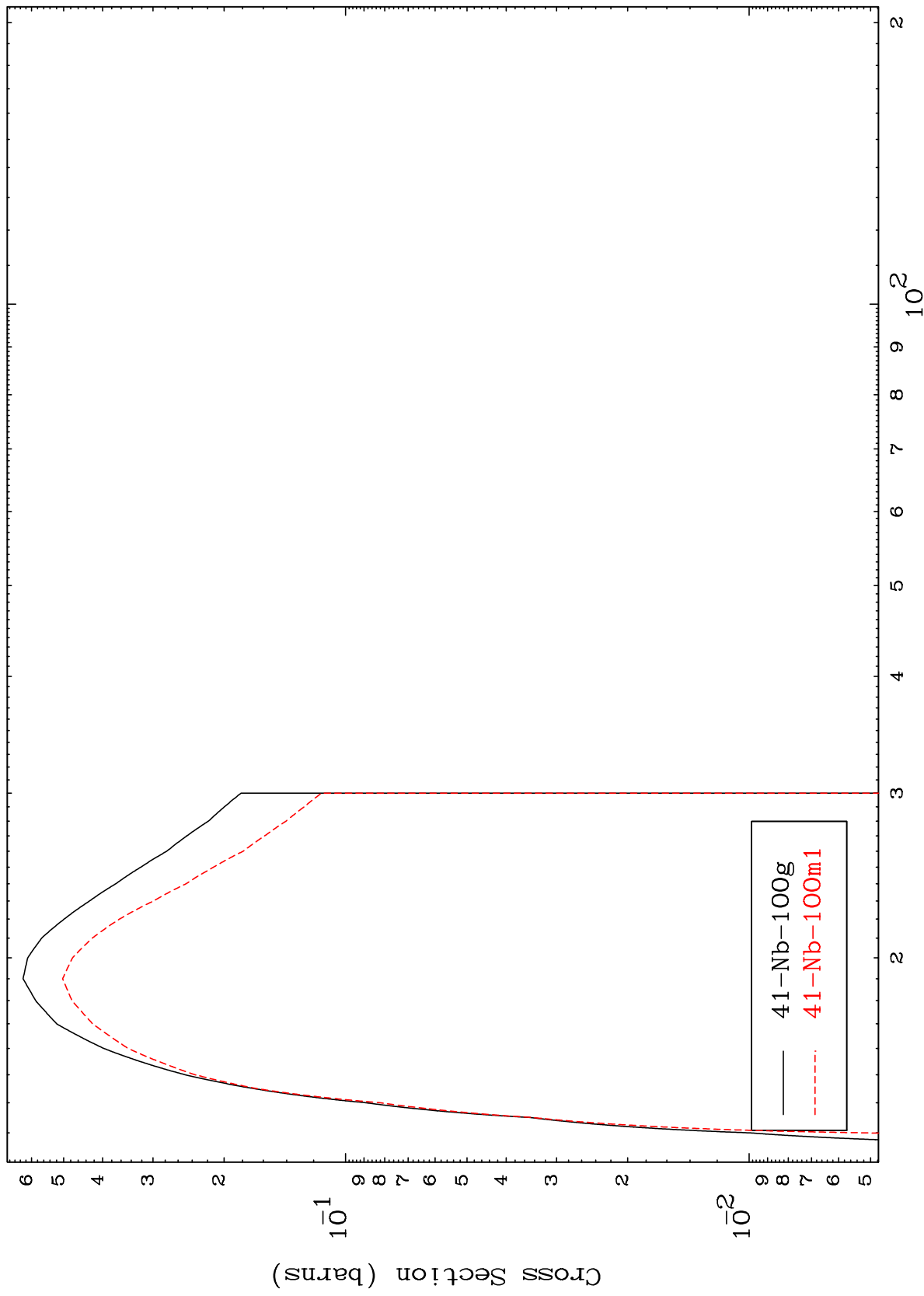
— 41-Nb-102g
- - - 41-Nb-102m1

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41-Nb-102

Radionuclide Production Cross Section

(n,3n)



41-Nb-102

Incident Energy (MeV)

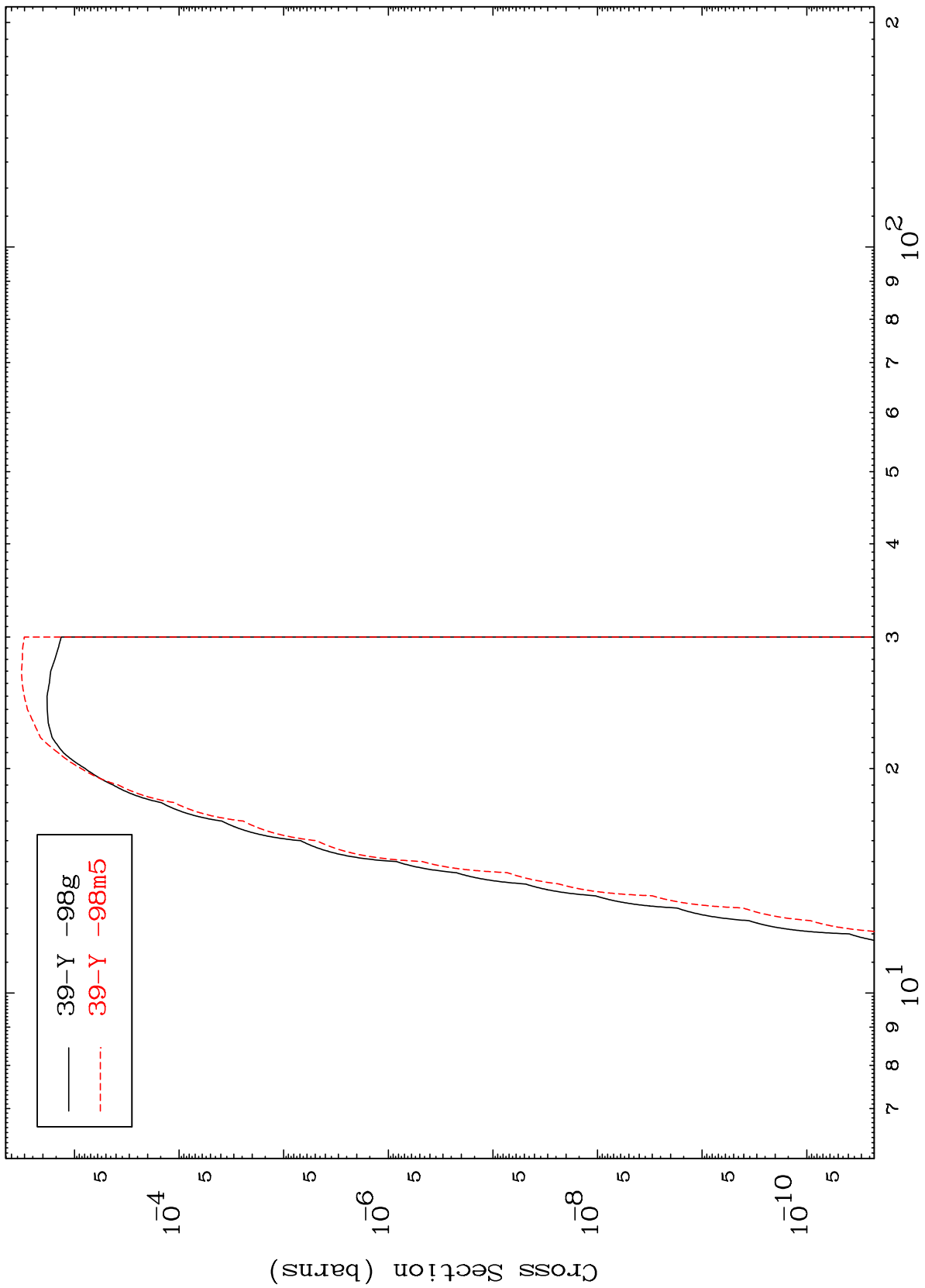
20

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(n,n') α

41-Nb-102

Radionuclide Production Cross Section



21

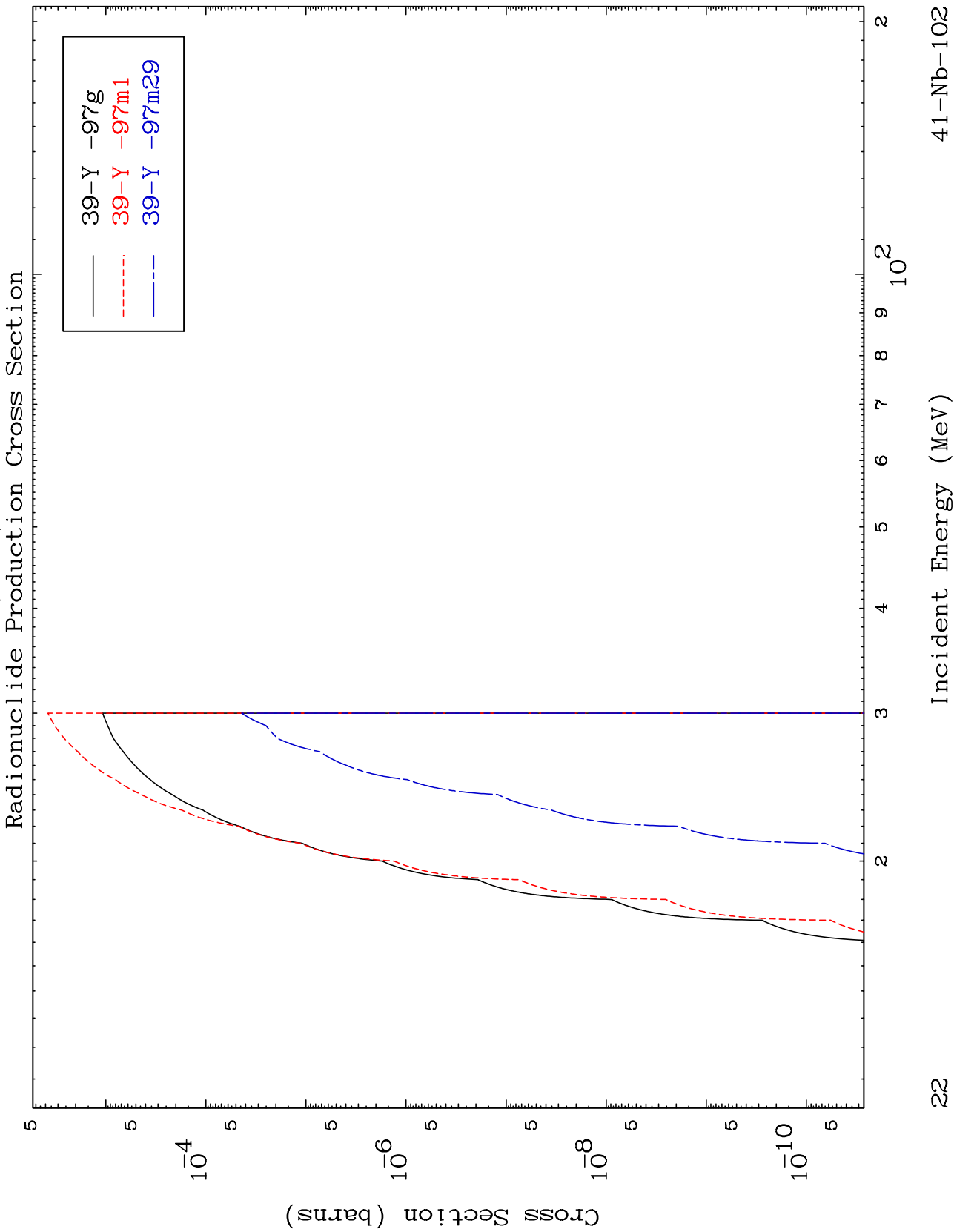
Incident Energy (MeV)

41-Nb-102

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$(n,2n) \alpha$

41-Nb-102



22

Incident Energy (MeV)

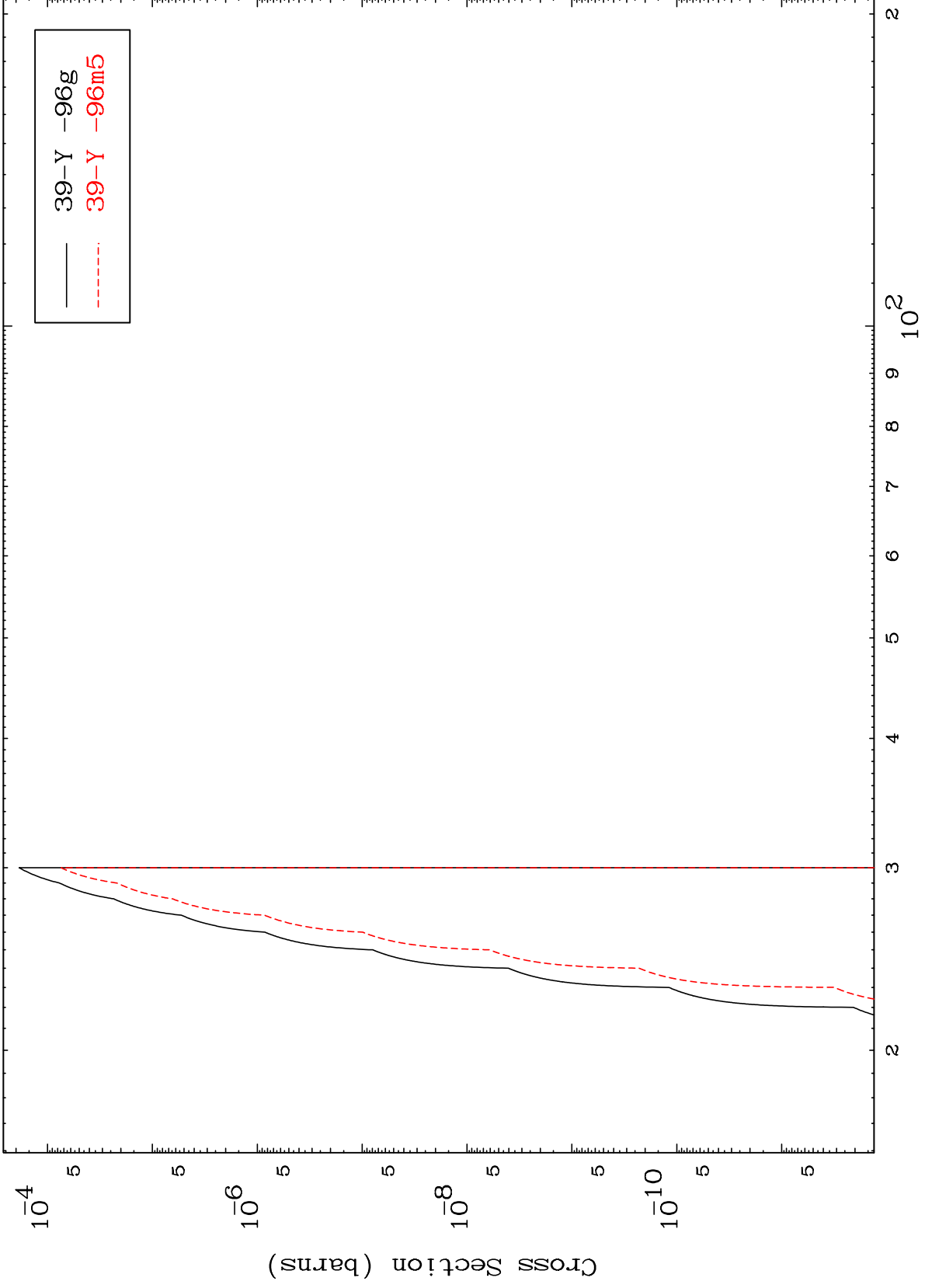
41-Nb-102

MAT 4153

(n,3n) α

41-Nb-102

Radionuclide Production Cross Section



23

Incident Energy (MeV)

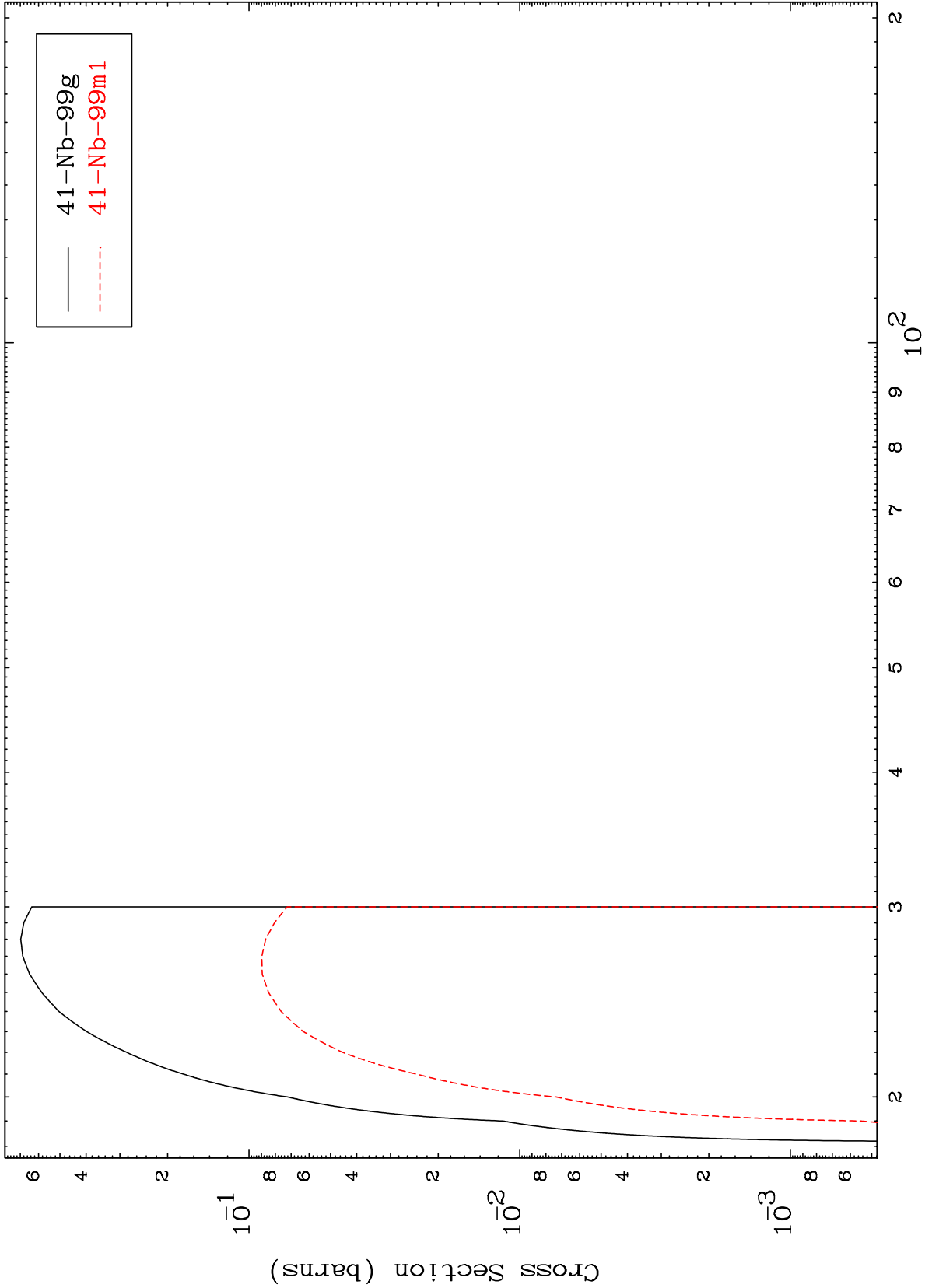
41-Nb-102

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(n,4n)

41-Nb-102

Radionuclide Production Cross Section



24

Incident Energy (MeV)

41-Nb-102

(n,He-3)
Radionuclide Production Cross Section

