

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

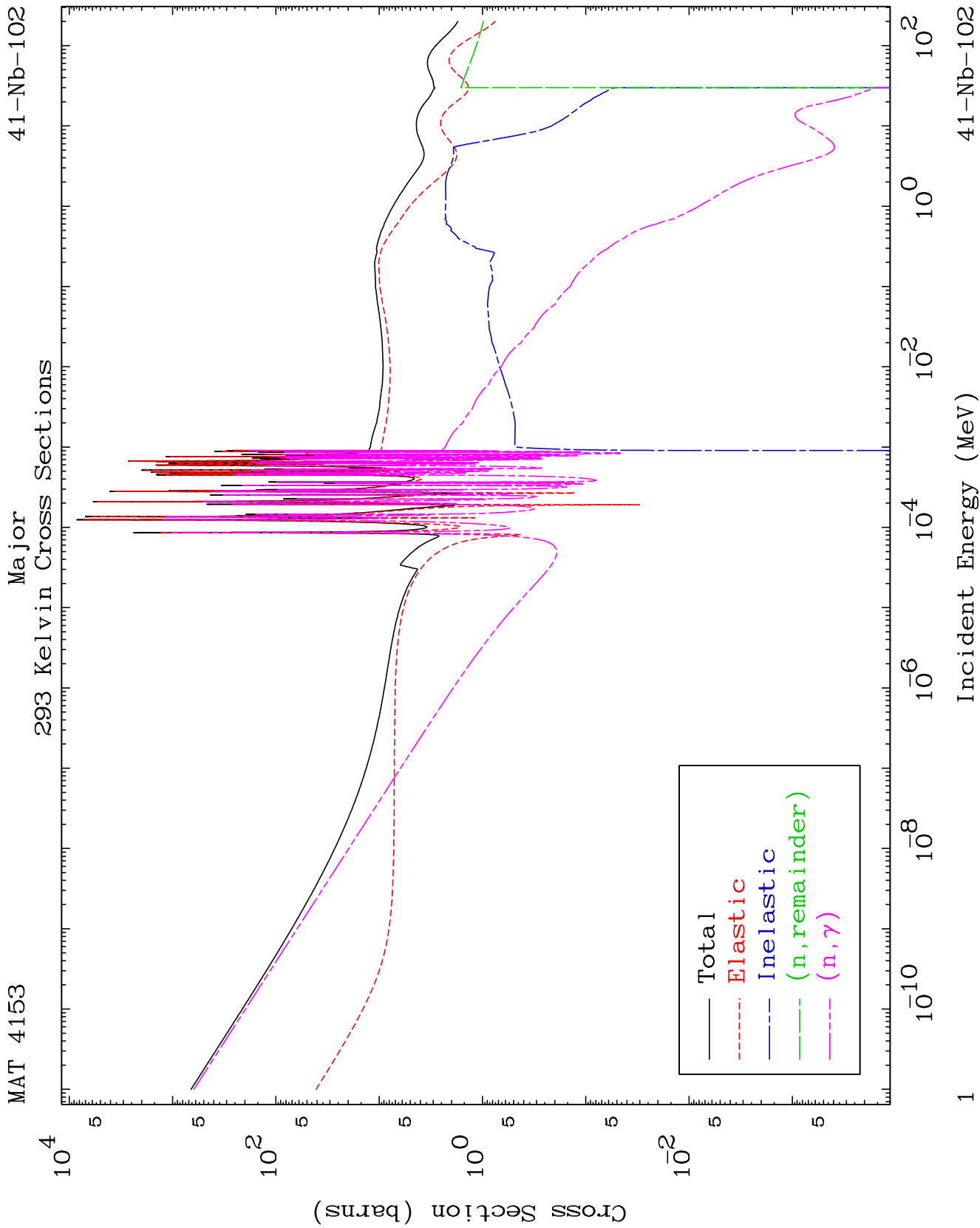
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

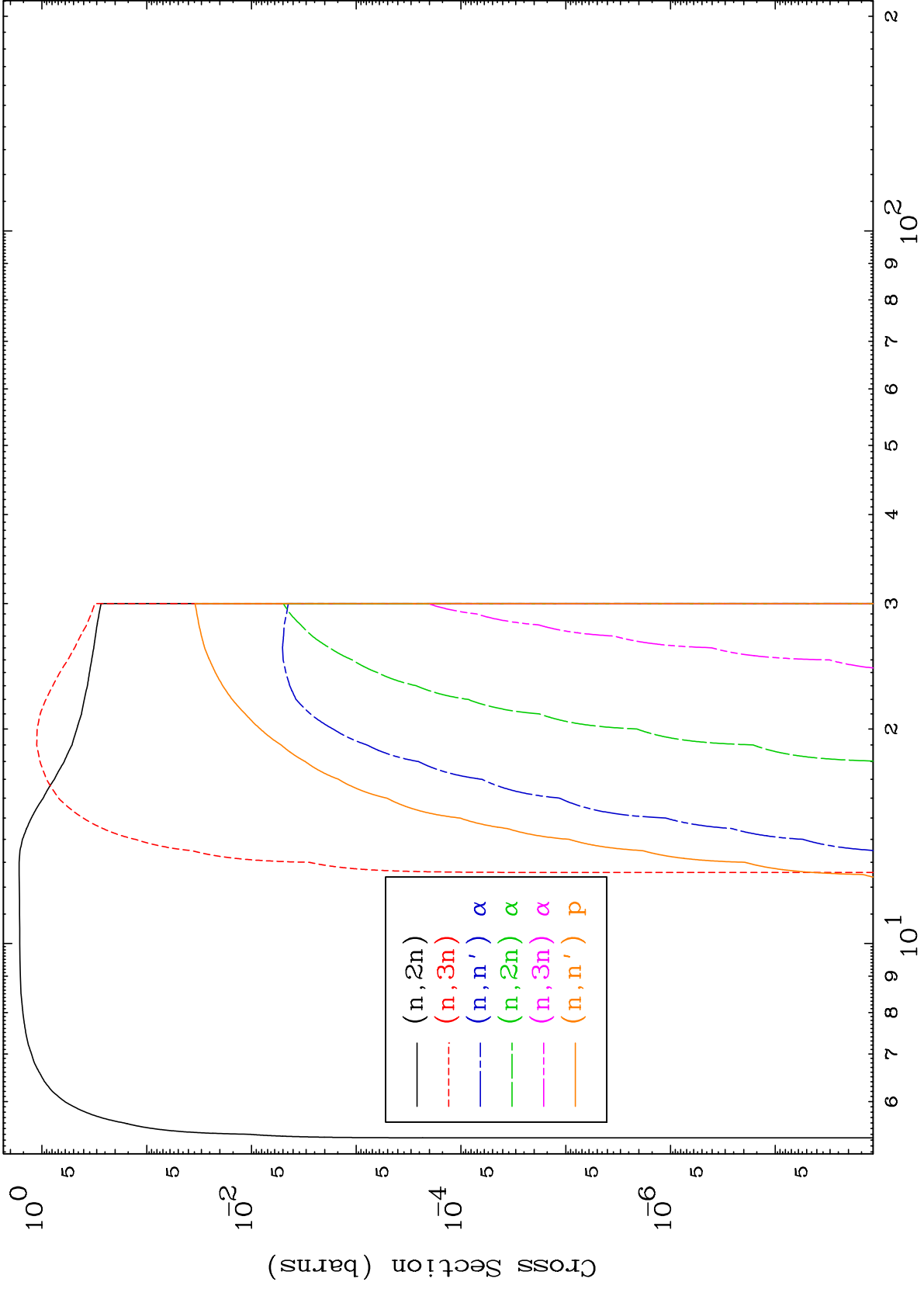
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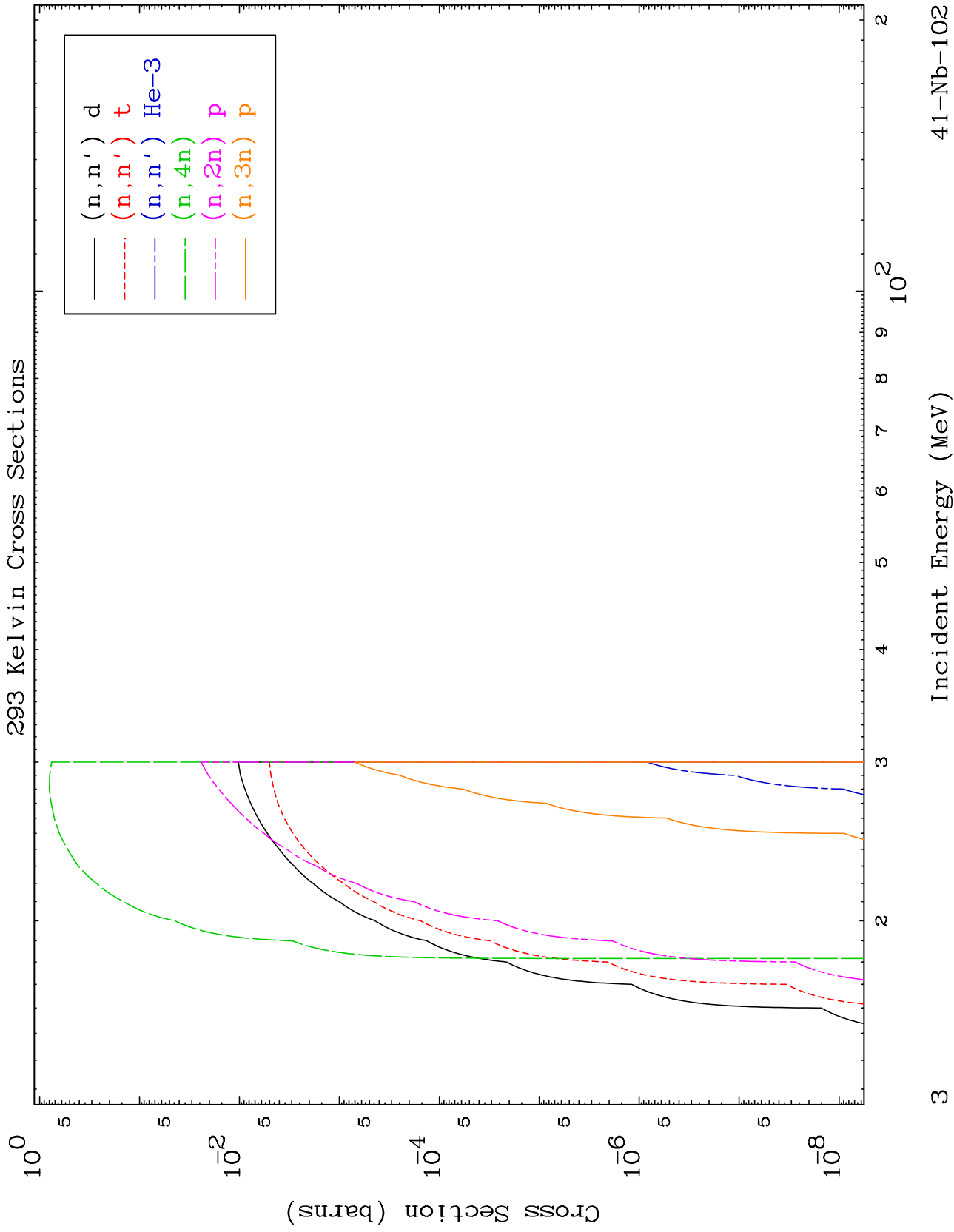


MAT 4153

Neutron Production
293 Kelvin Cross Sections

41-Nb-102

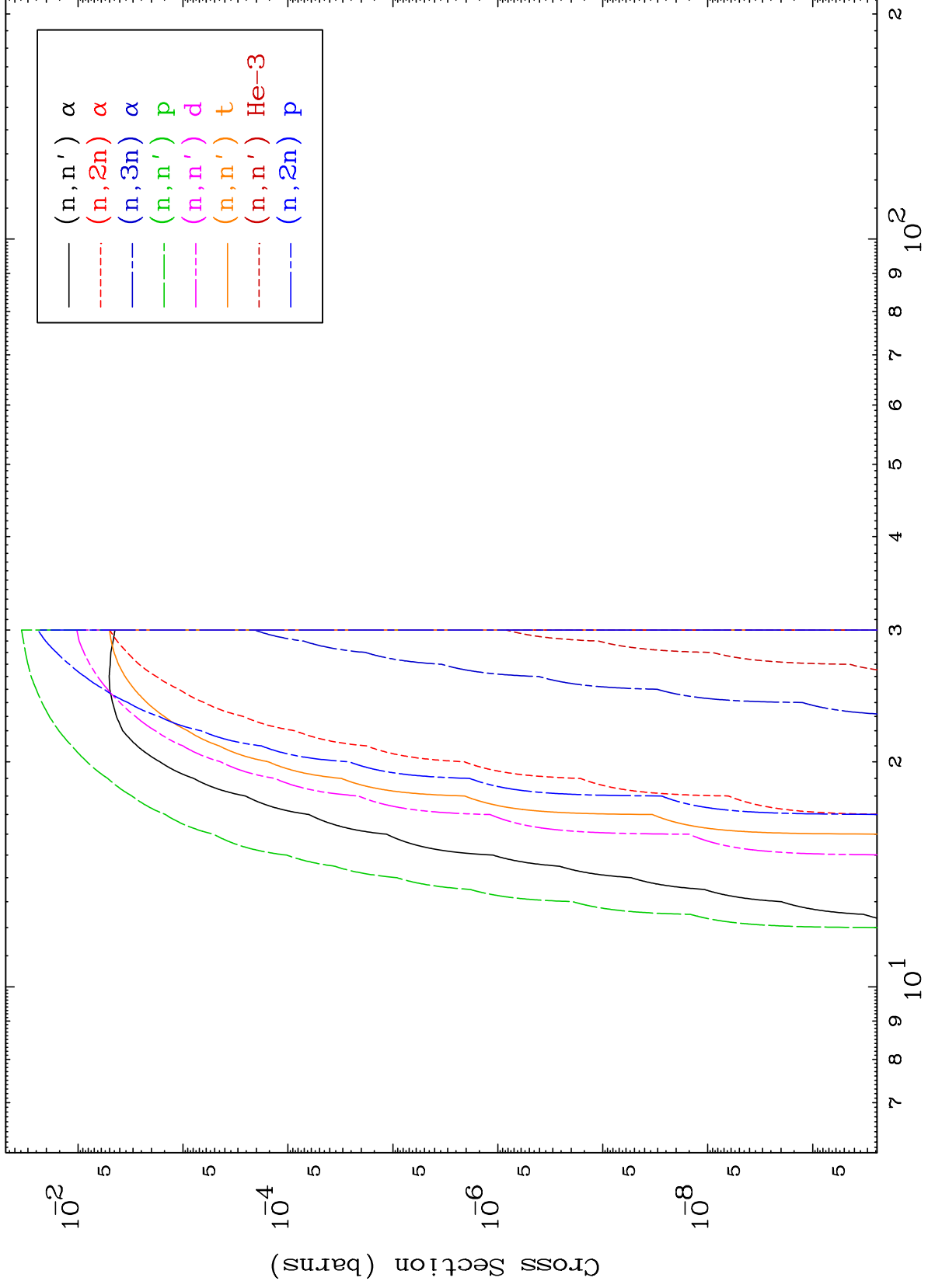




MAT 4153

Charged Particle
293 Kelvin Cross Sections

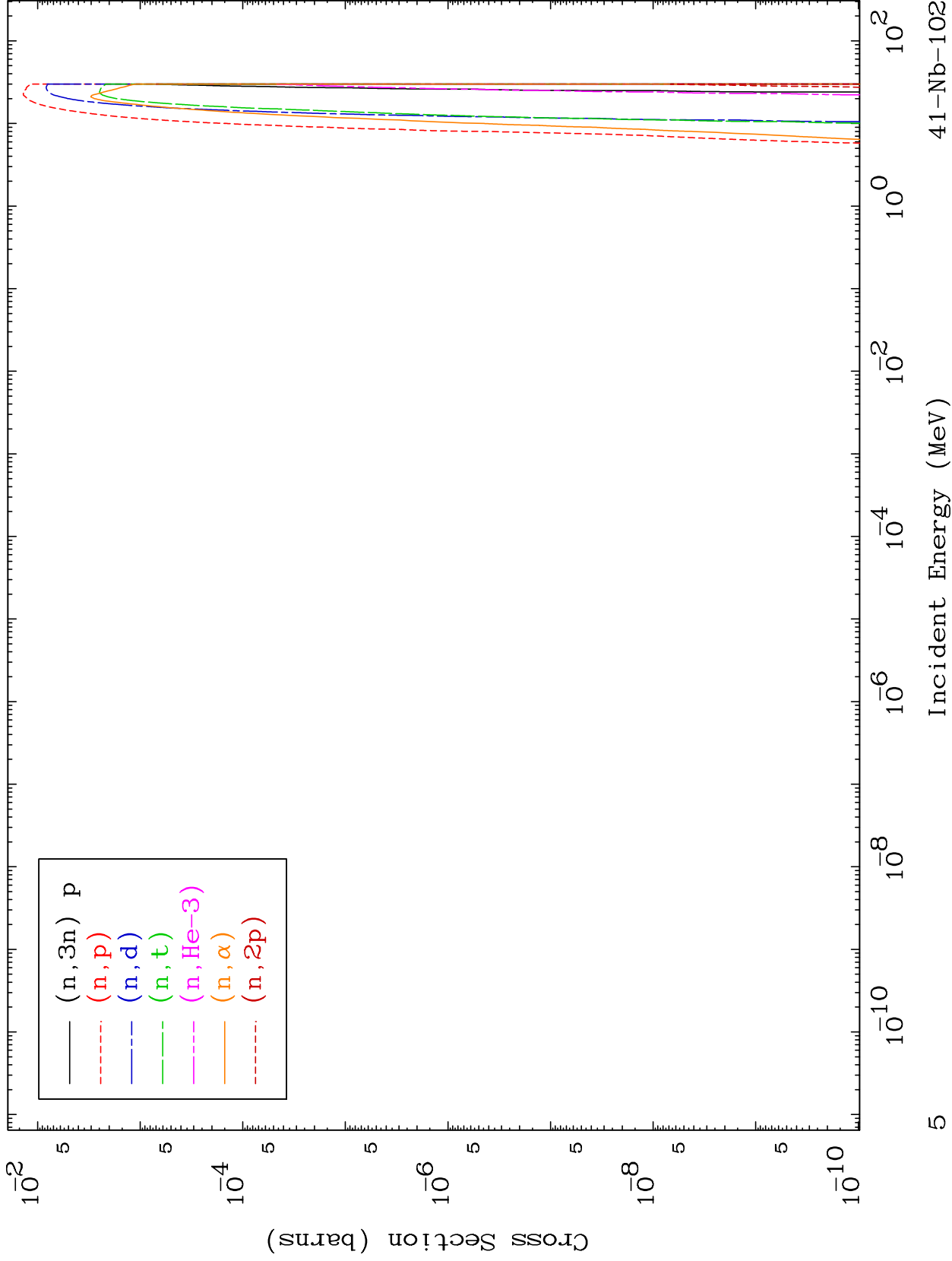
41-Nb-102



MAT 4153

Charged Particle
293 Kelvin Cross Sections

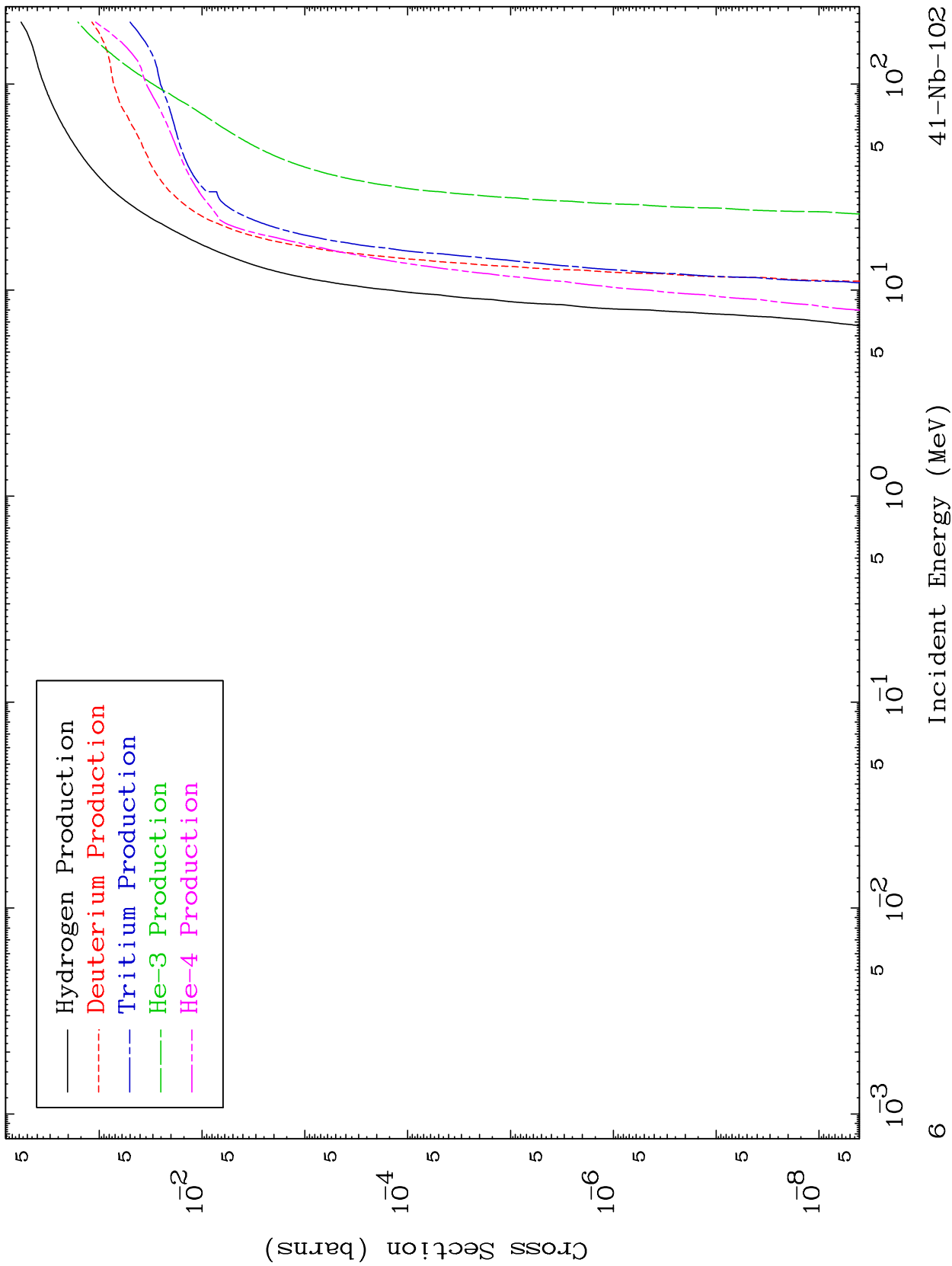
41-Nb-102



MAT 4153

Particle Production
293 Kelvin Cross Sections

41-Nb-102



41-Nb-102

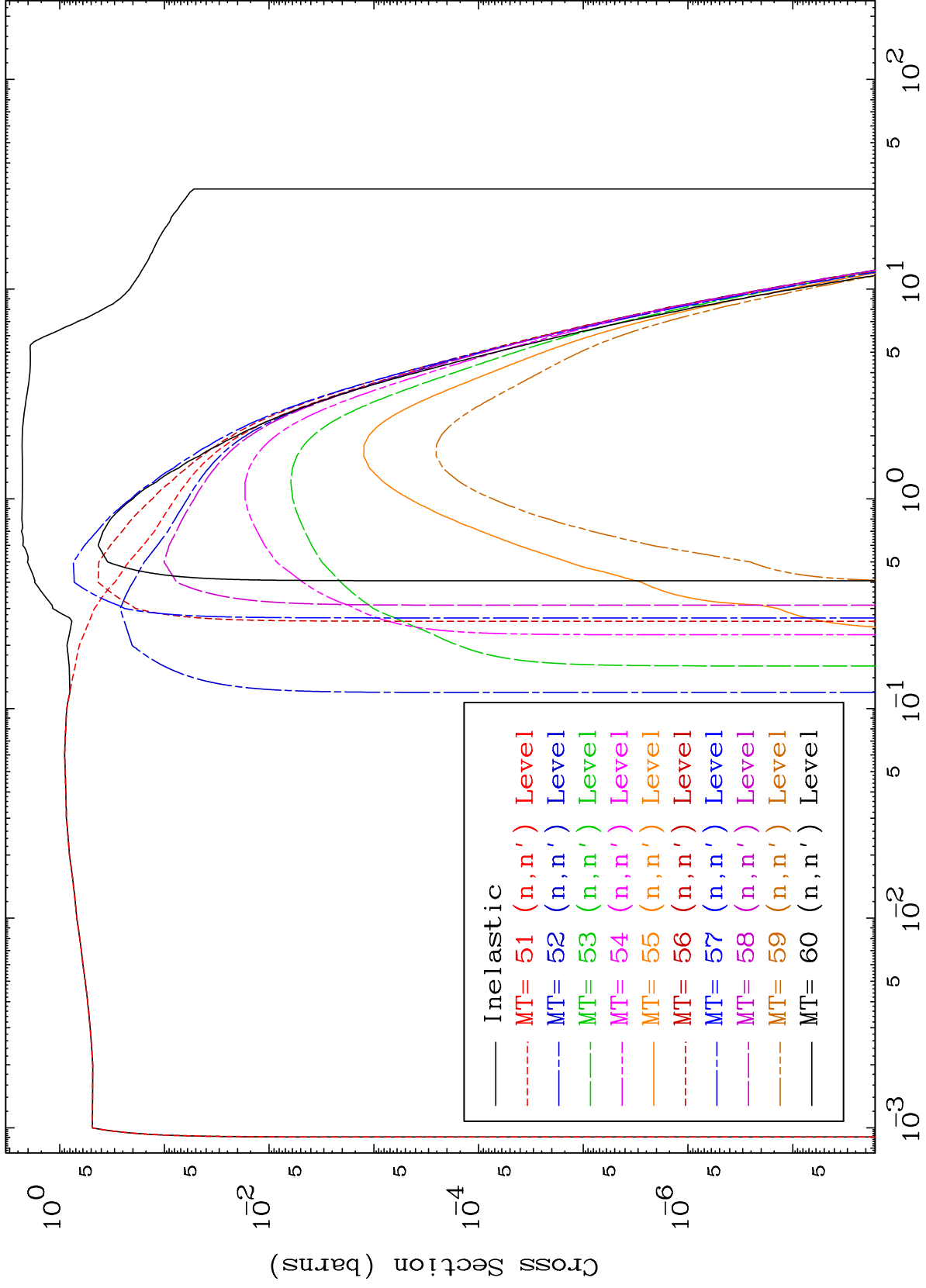
Incident Energy (MeV)

6

MAT 4153

(n,n') Level
293 Kelvin Cross Sections

41-Nb-102

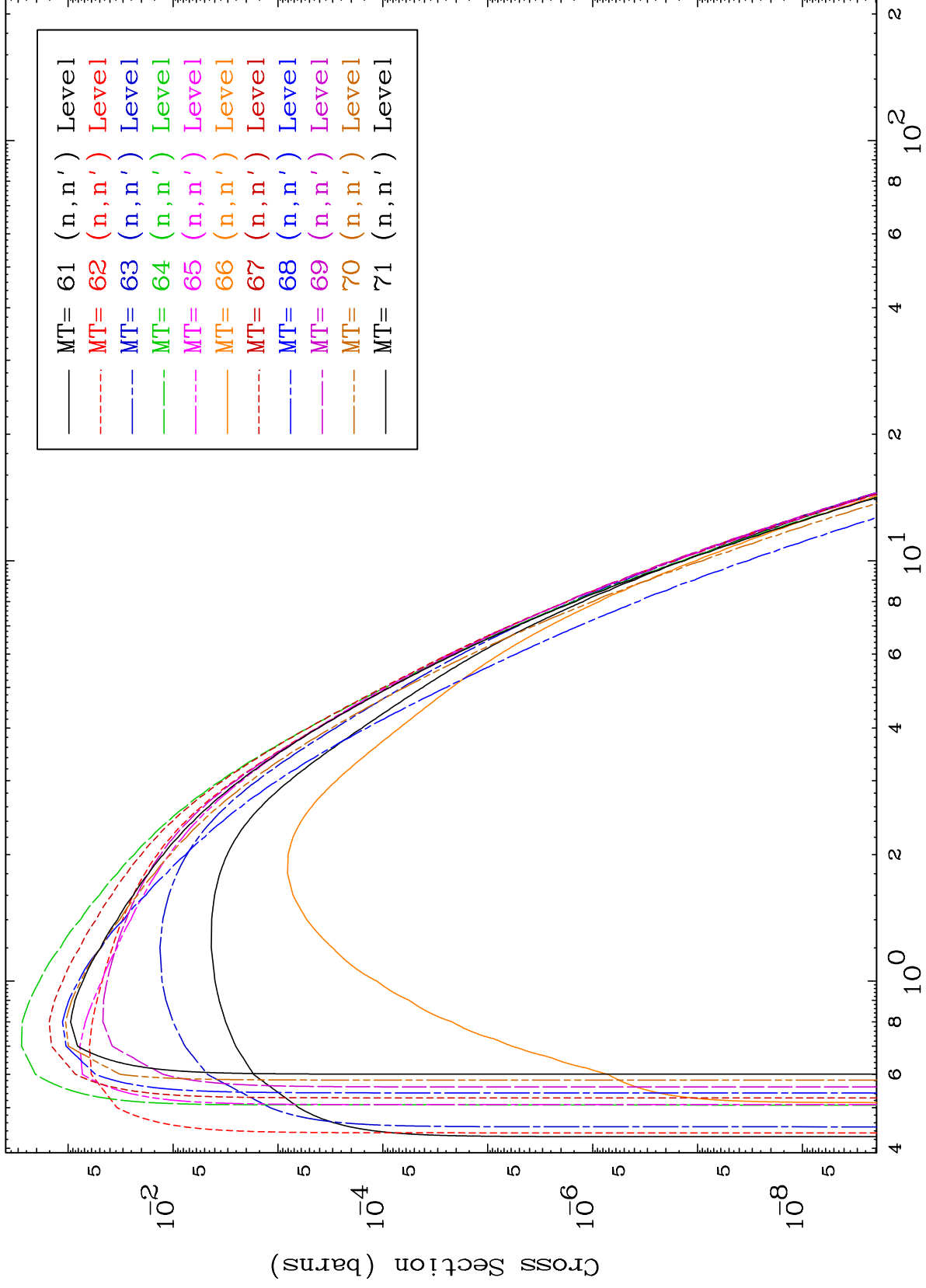


MAT 4153

(n,n') Level

41-Nb-102

293 Kelvin Cross Sections



Incident Energy (MeV)

41-Nb-102

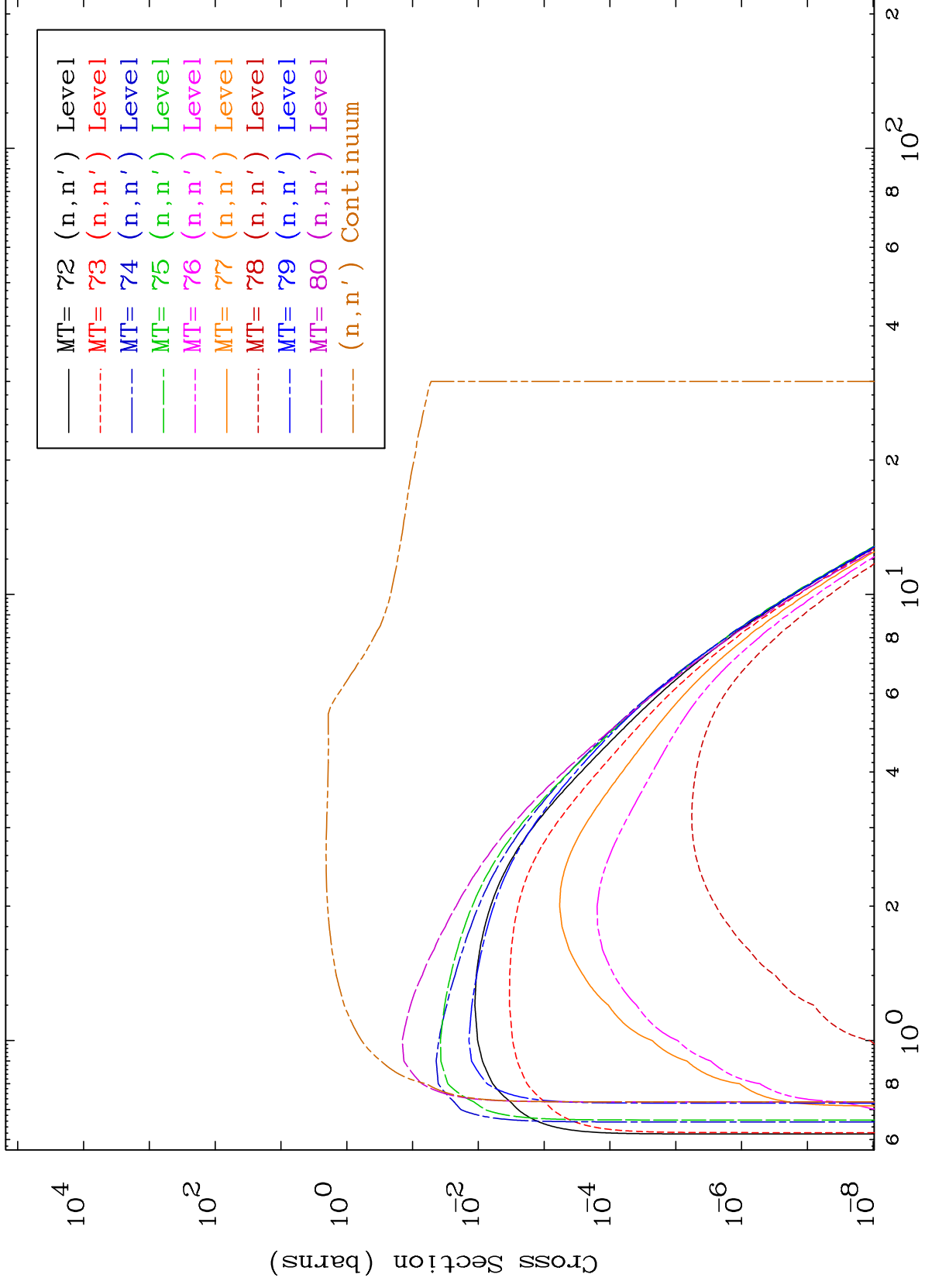
8

MAT 4153

(n,n') Level

293 Kelvin Cross Sections

41-Nb-102



9

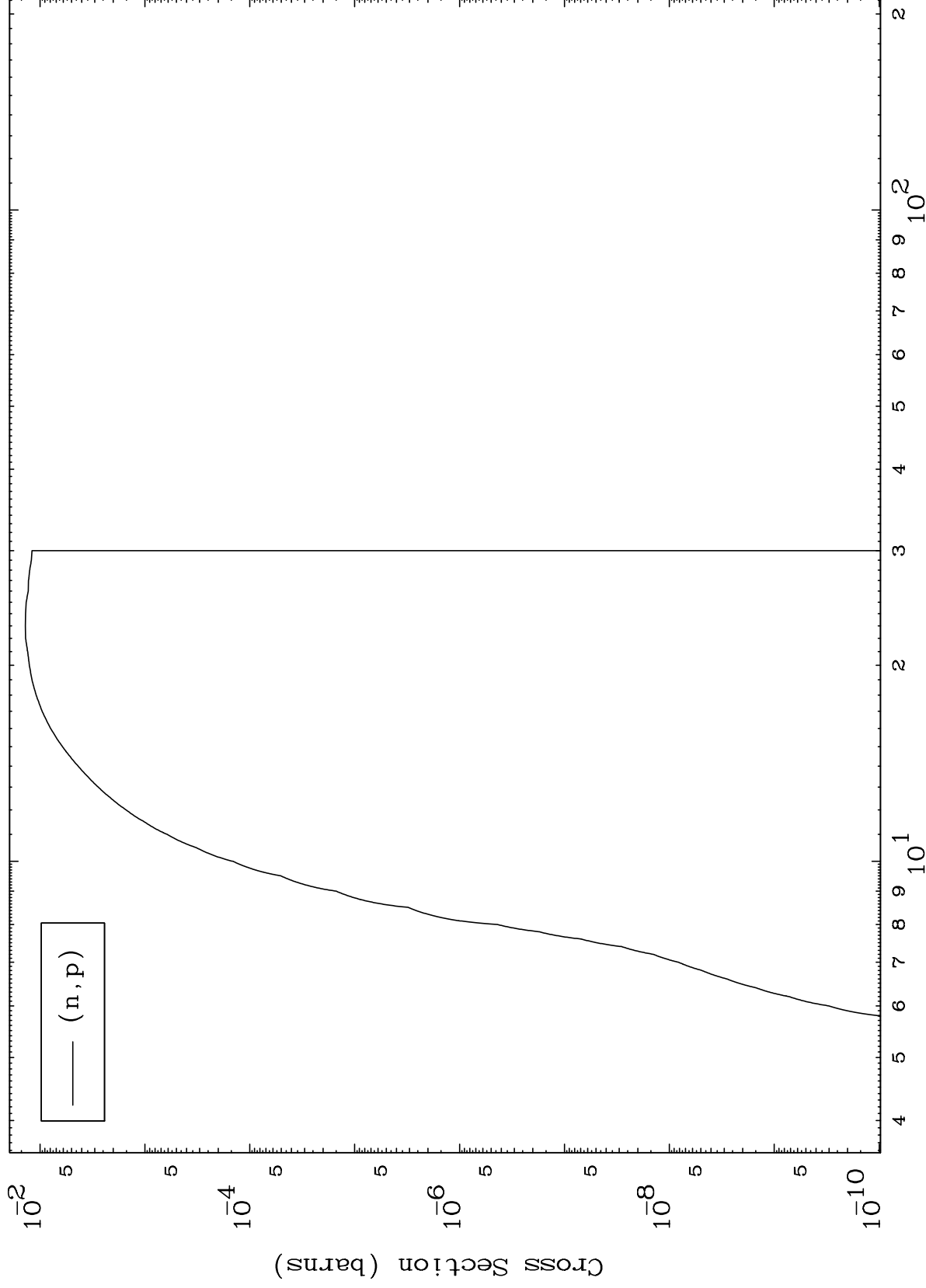
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-102



10

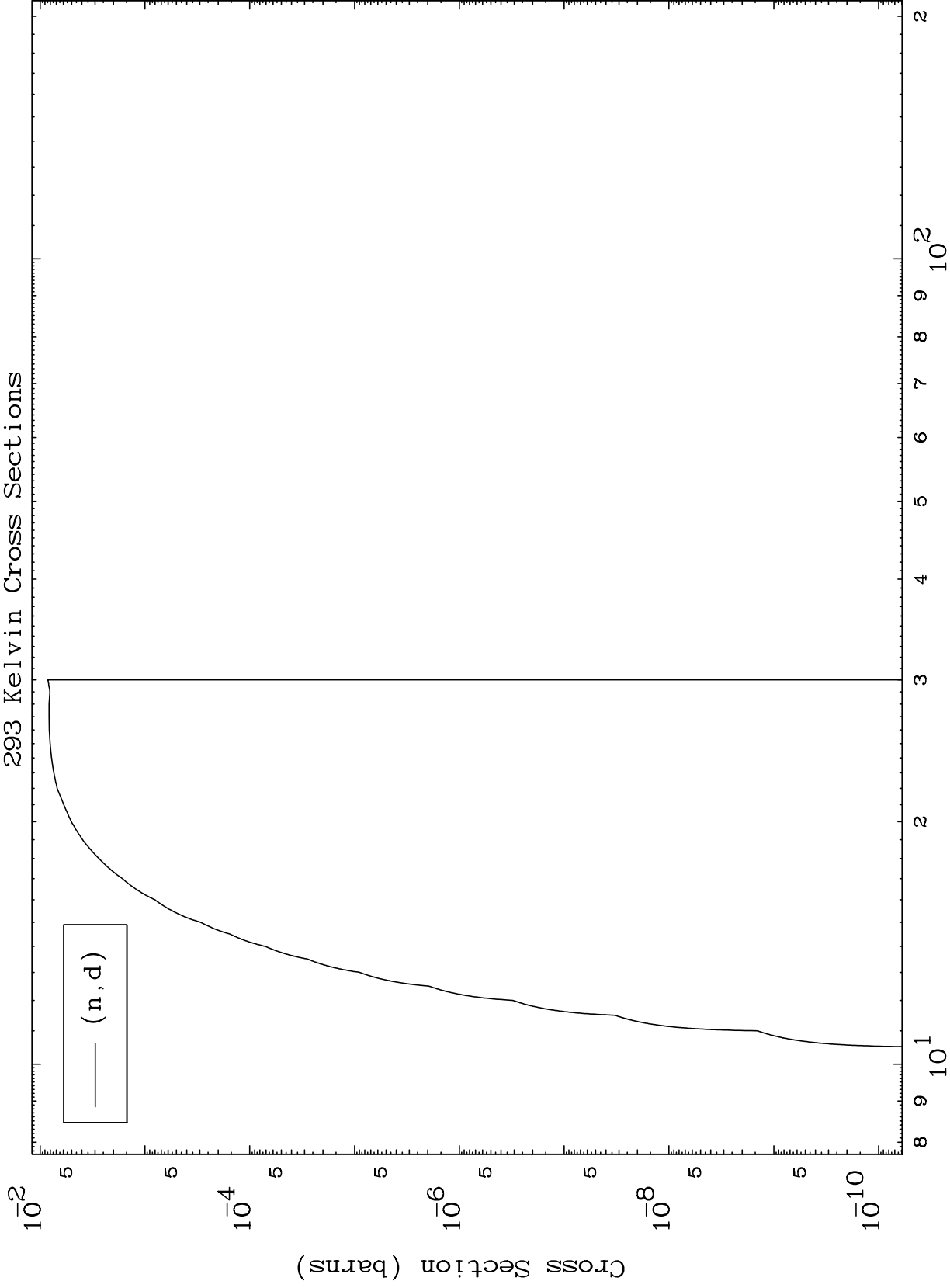
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-102



11

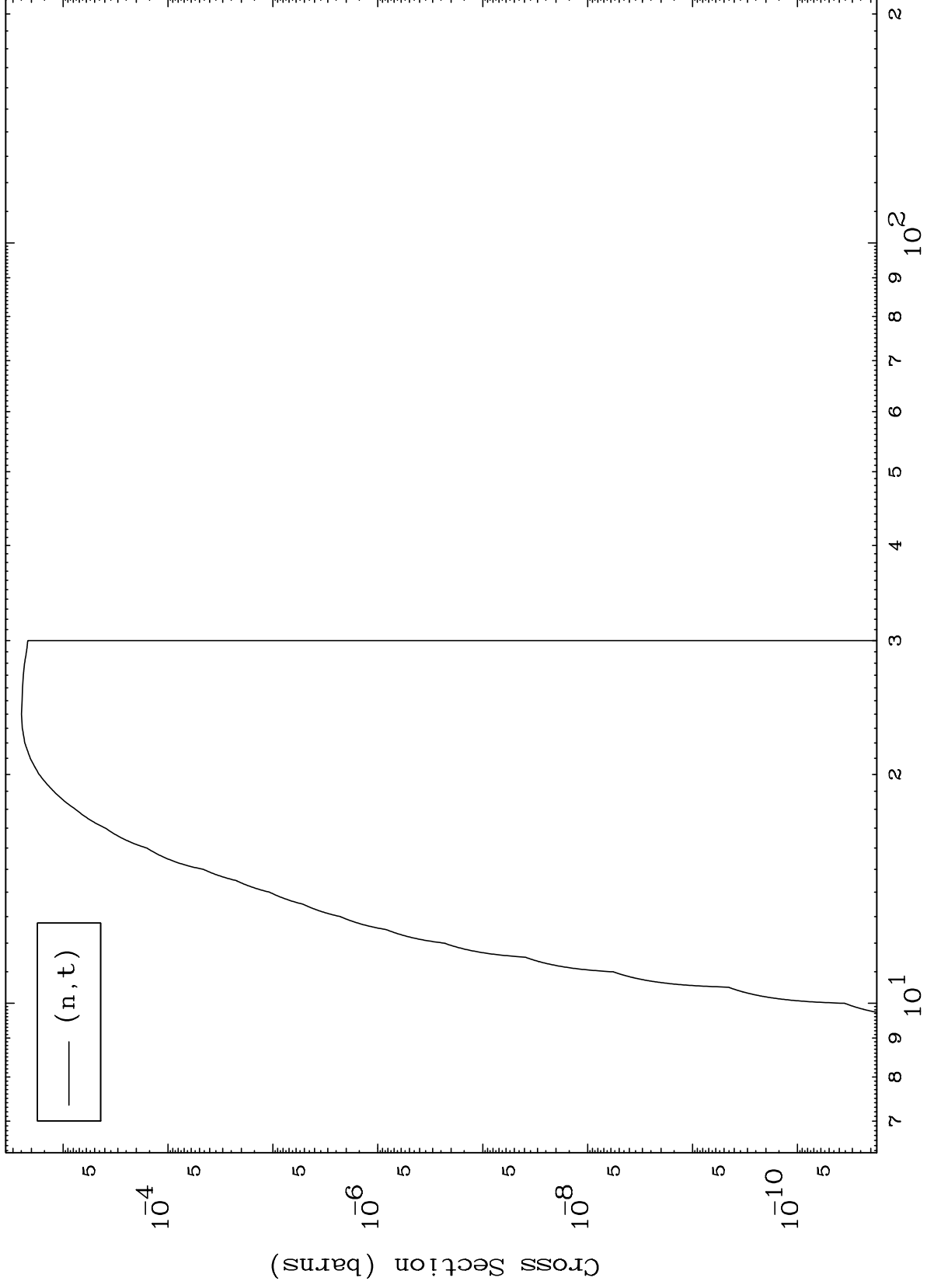
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-102



12

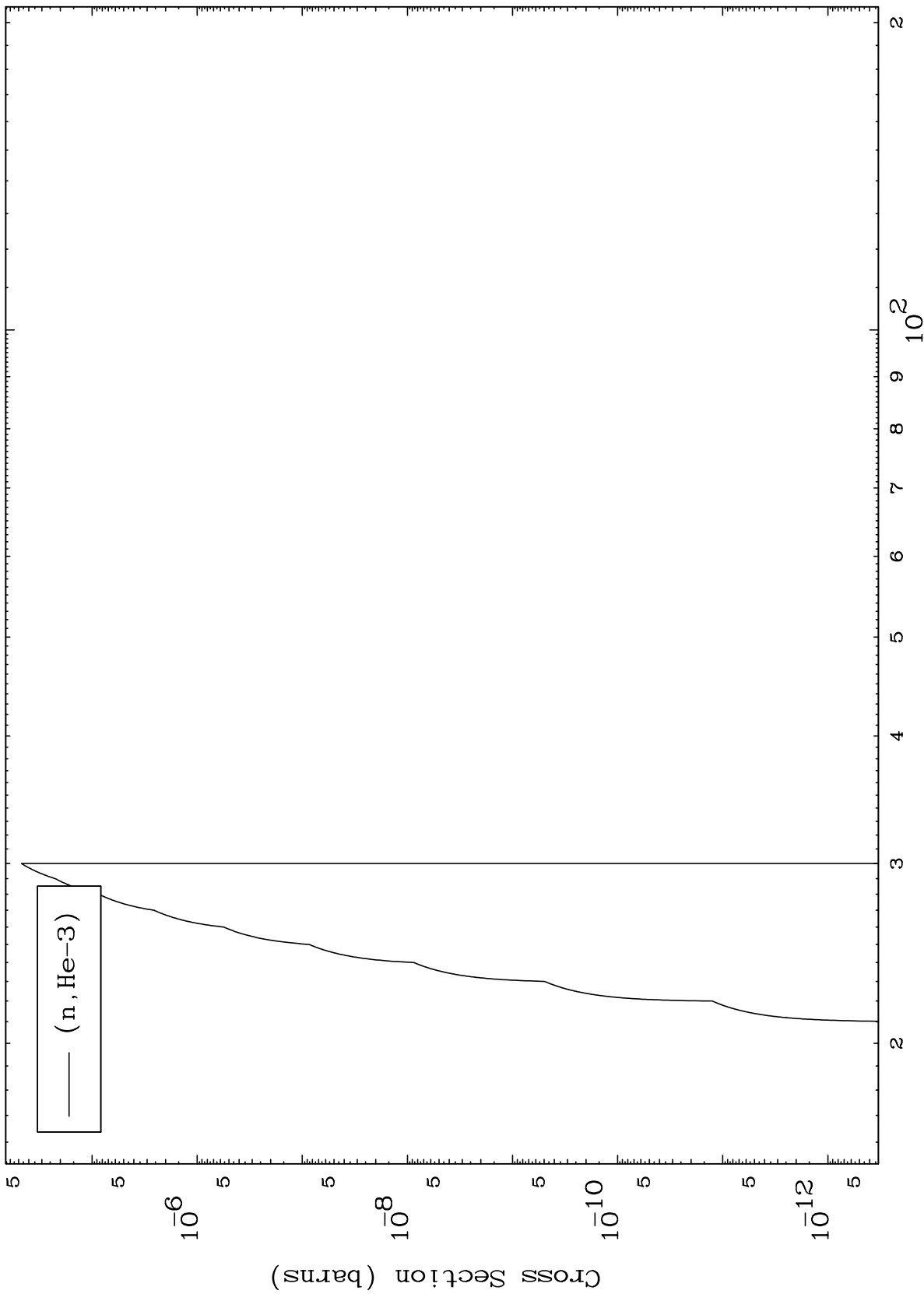
Incident Energy (MeV)

41-Nb-102

MAT 4153

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-102



13

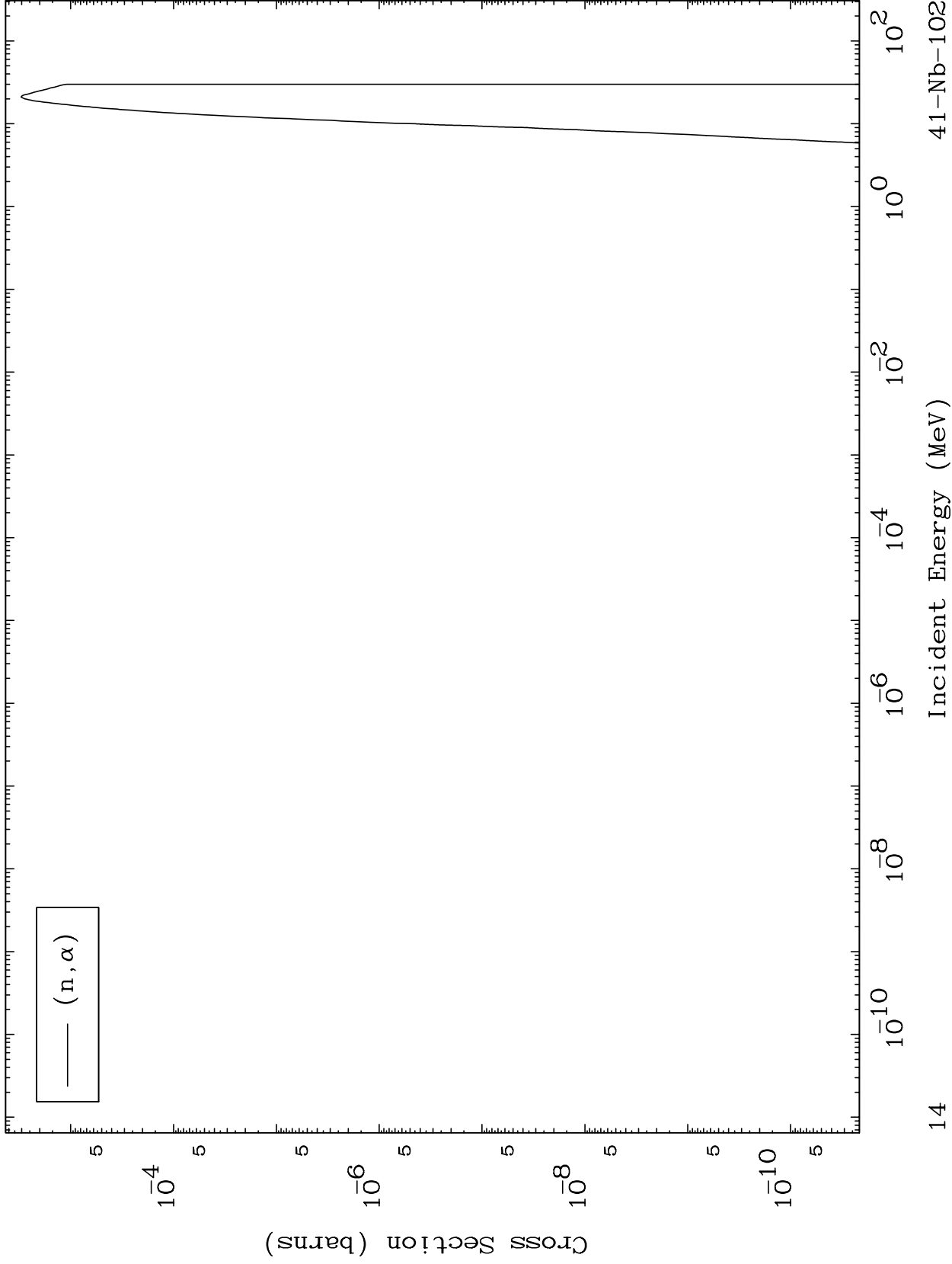
Incident Energy (MeV)

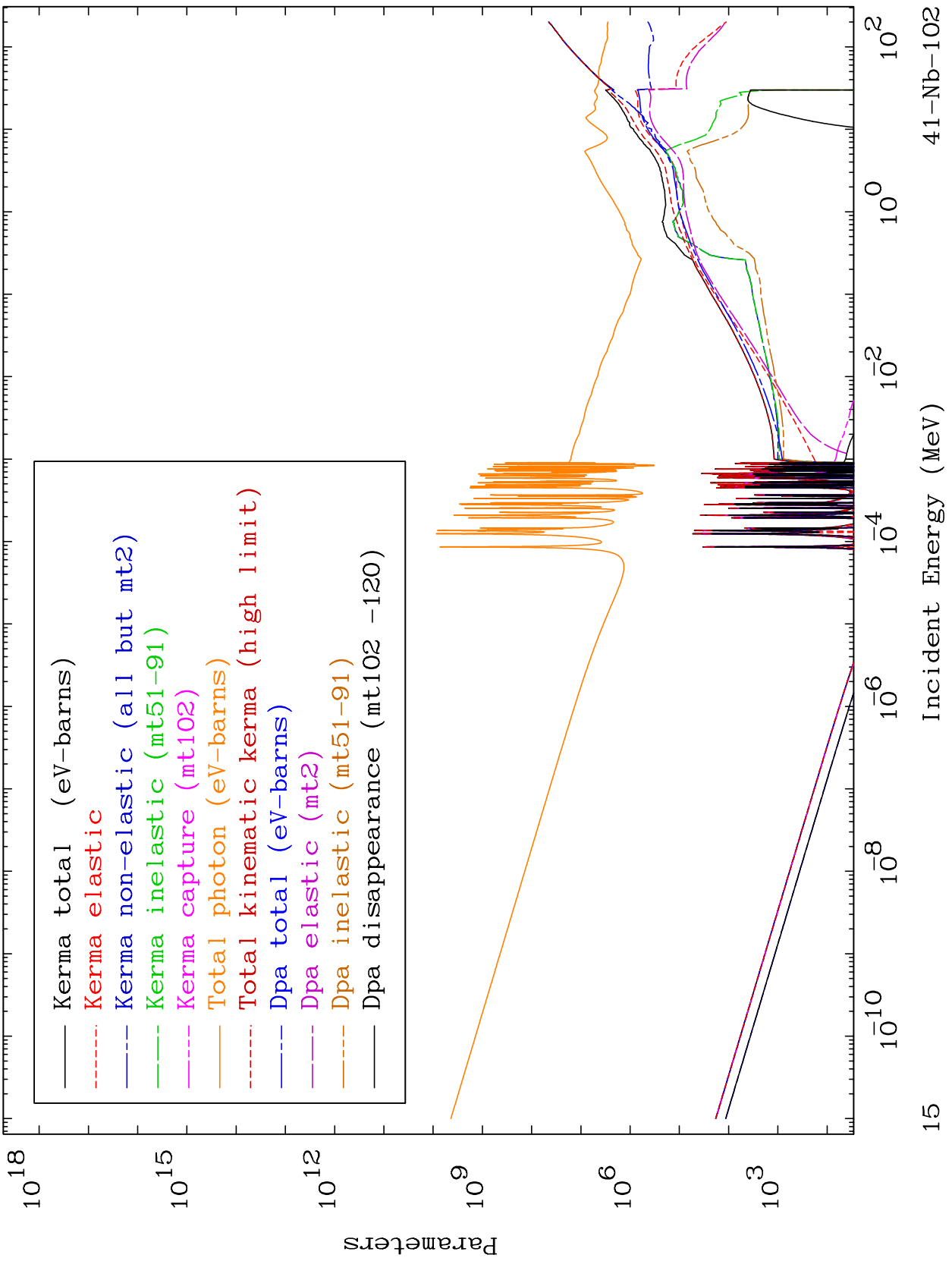
41-Nb-102

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(n, α) Levels
293 Kelvin Cross Sections

41-Nb-102

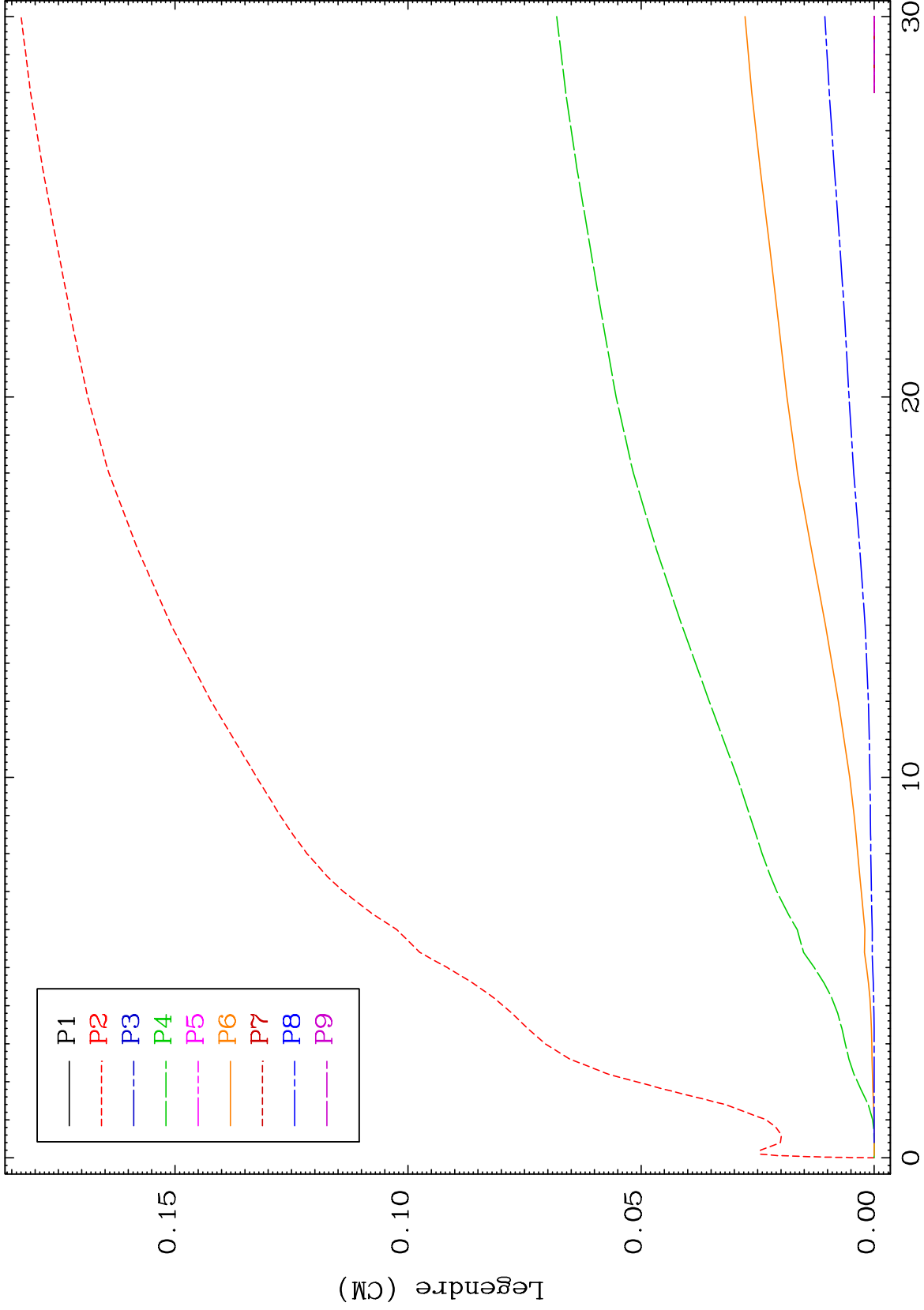




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Elastic
Legendre Coefficients

41-Nb-102



16

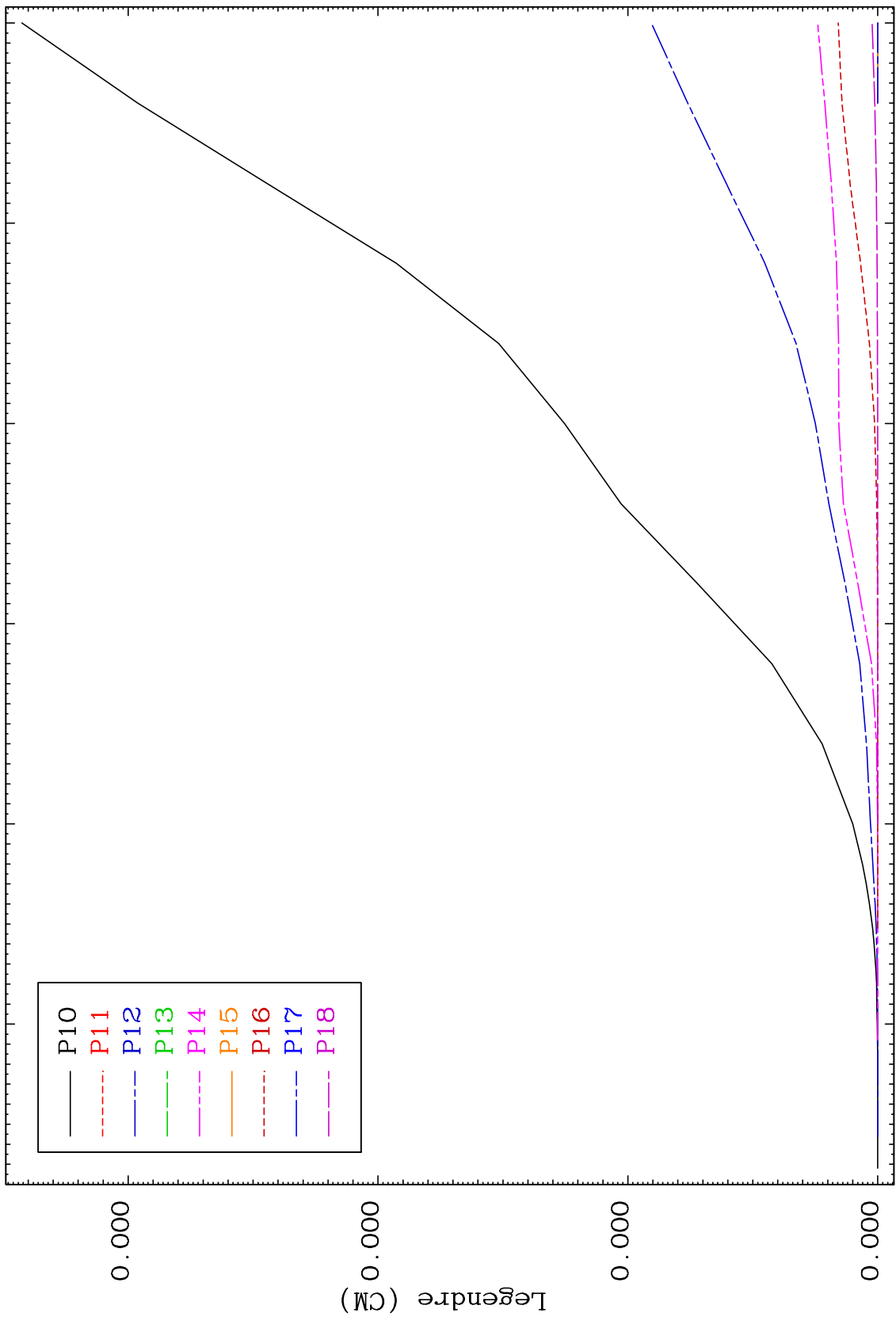
Incident Energy (MeV)

41-Nb-102

MAT 4153

Elastic Legendre Coefficients

41-Nb-102



17

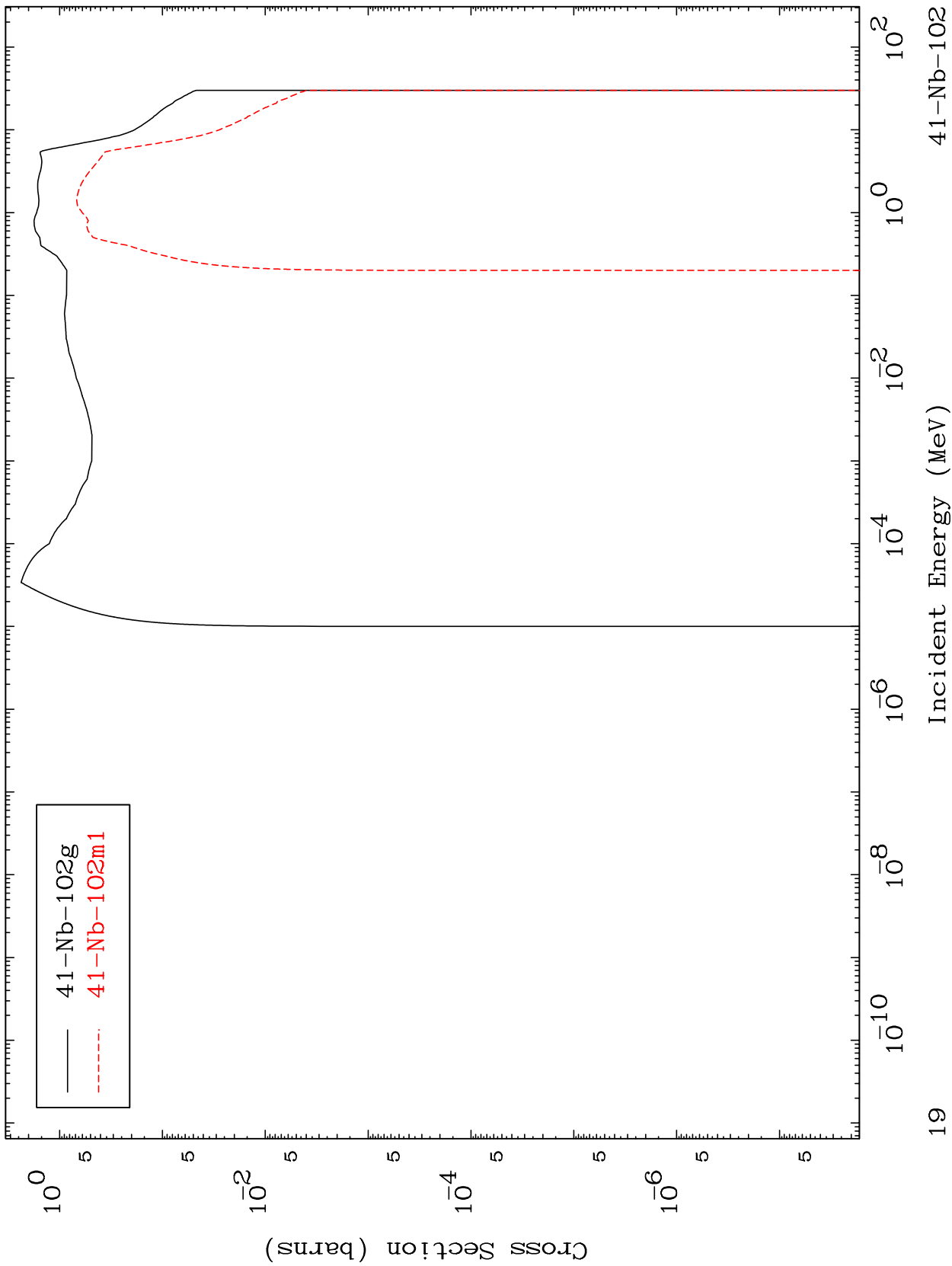
41-Nb-102

Incident Energy (MeV)

MAT 4153

41-Nb-102

Inelastic
Radionuclide Production Cross Section

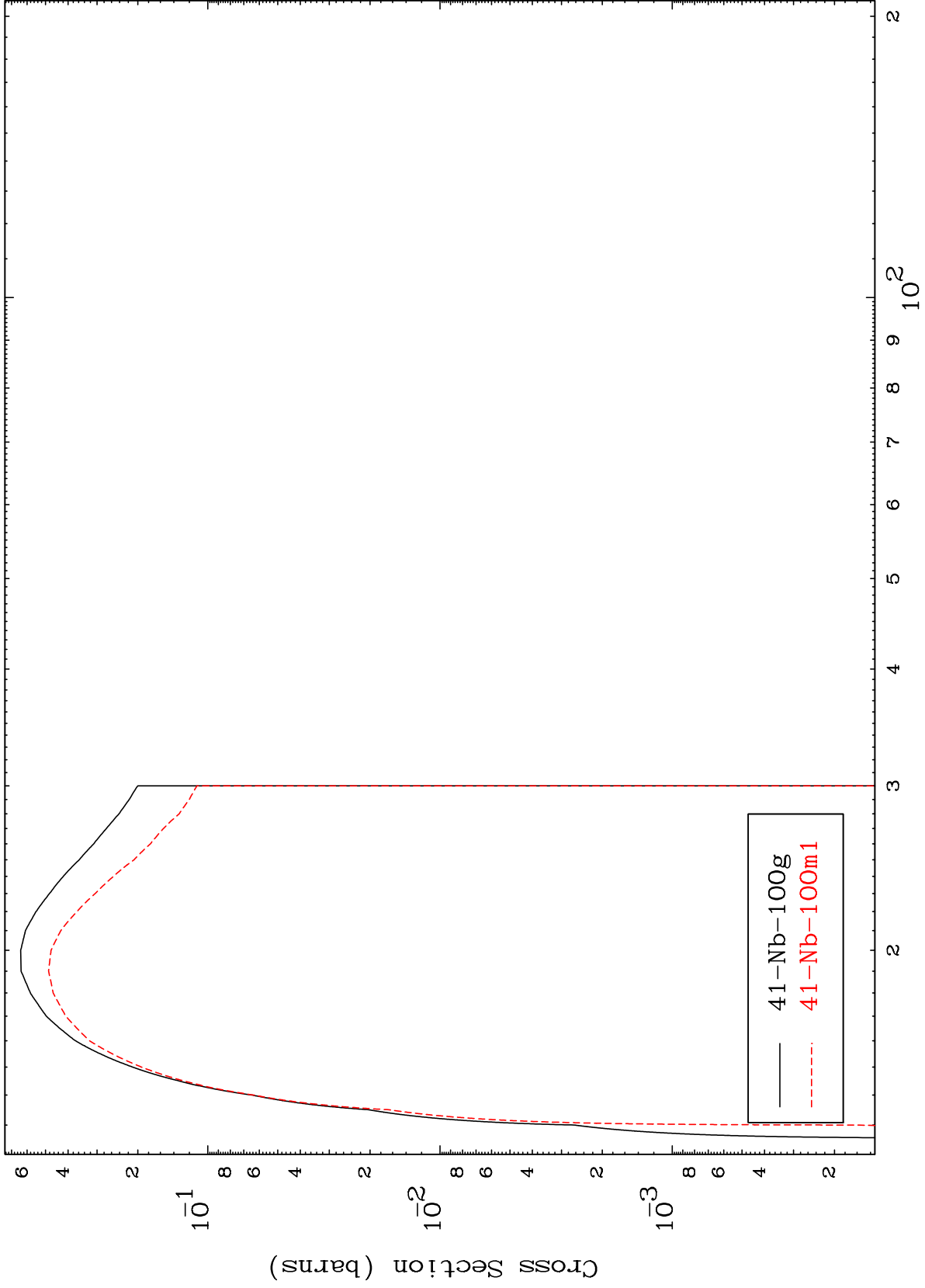


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(n,3n)

41-Nb-102

Radionuclide Production Cross Section



20

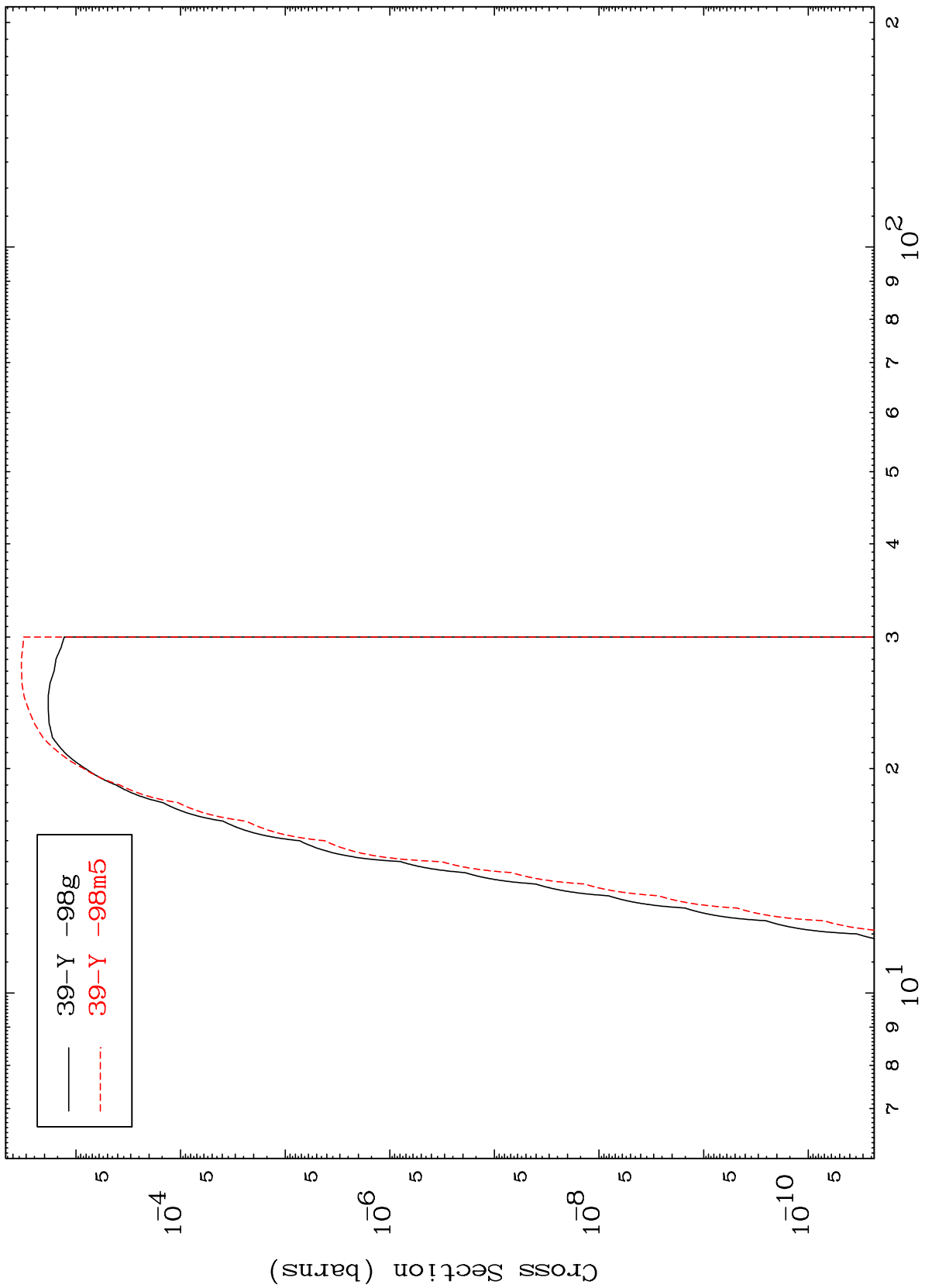
Incident Energy (MeV)

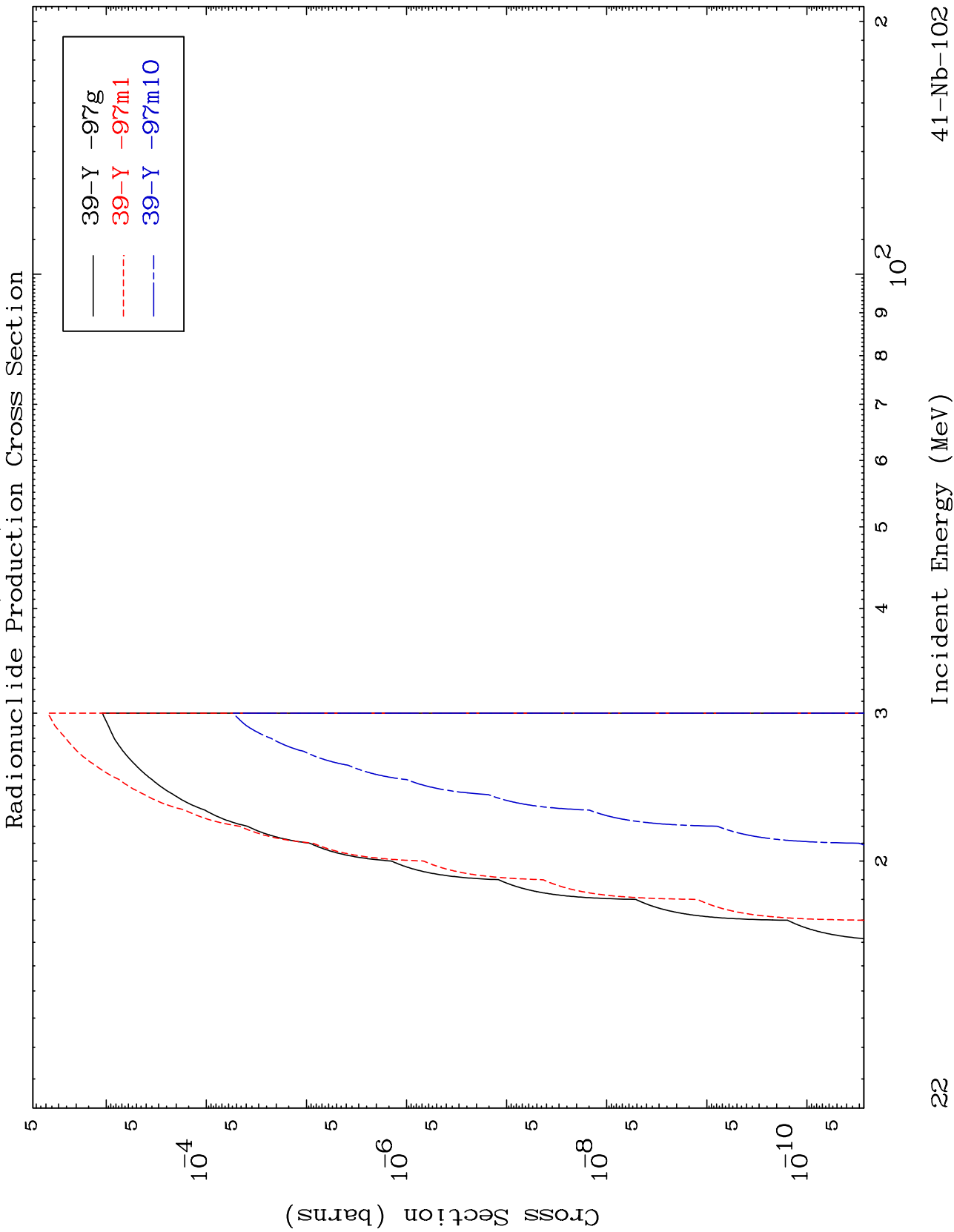
41-Nb-102

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41-Nb-102

$(n, n') \alpha$
Radionuclide Production Cross Section



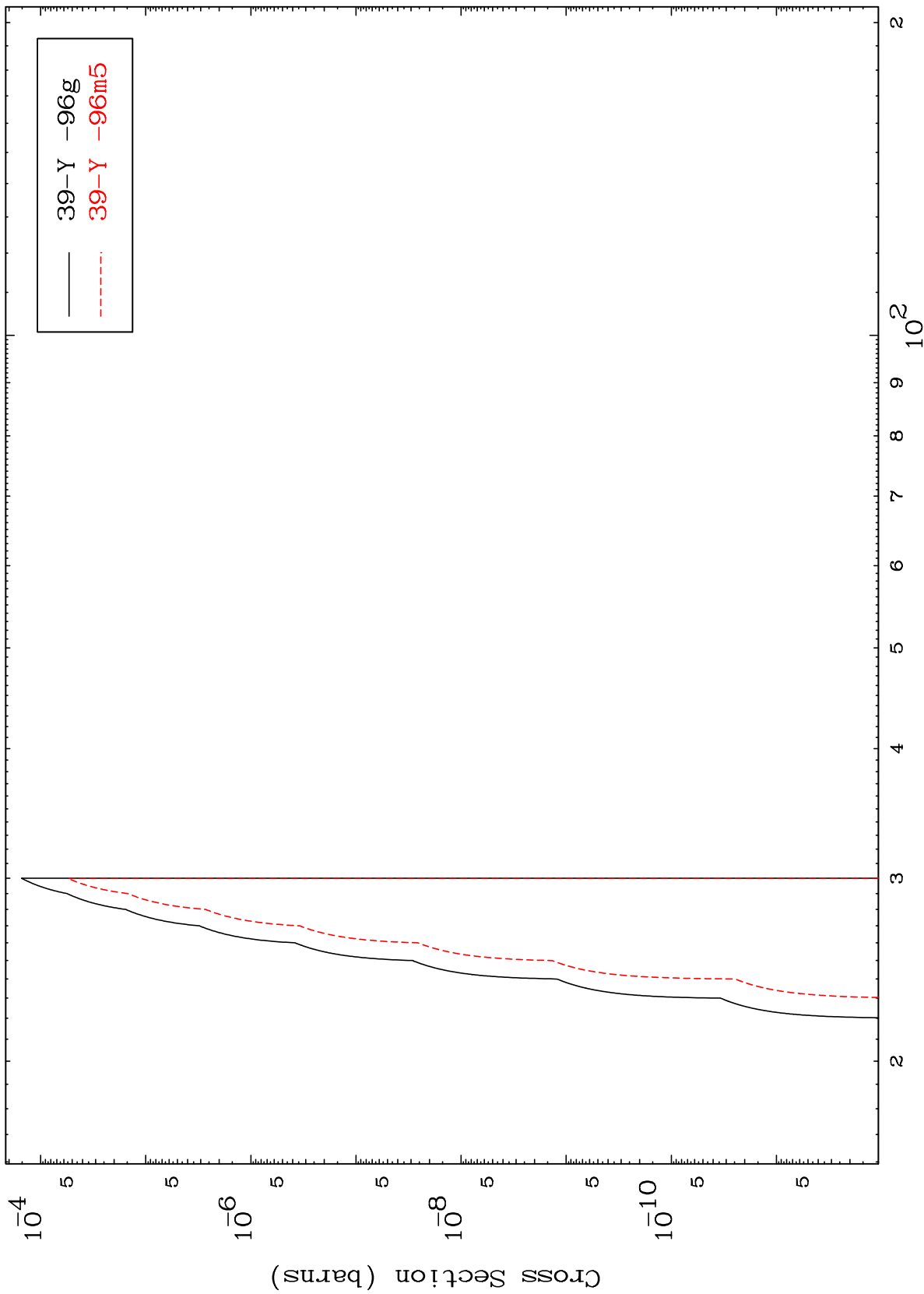


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(n,3n) α

41-Nb-102

Radionuclide Production Cross Section

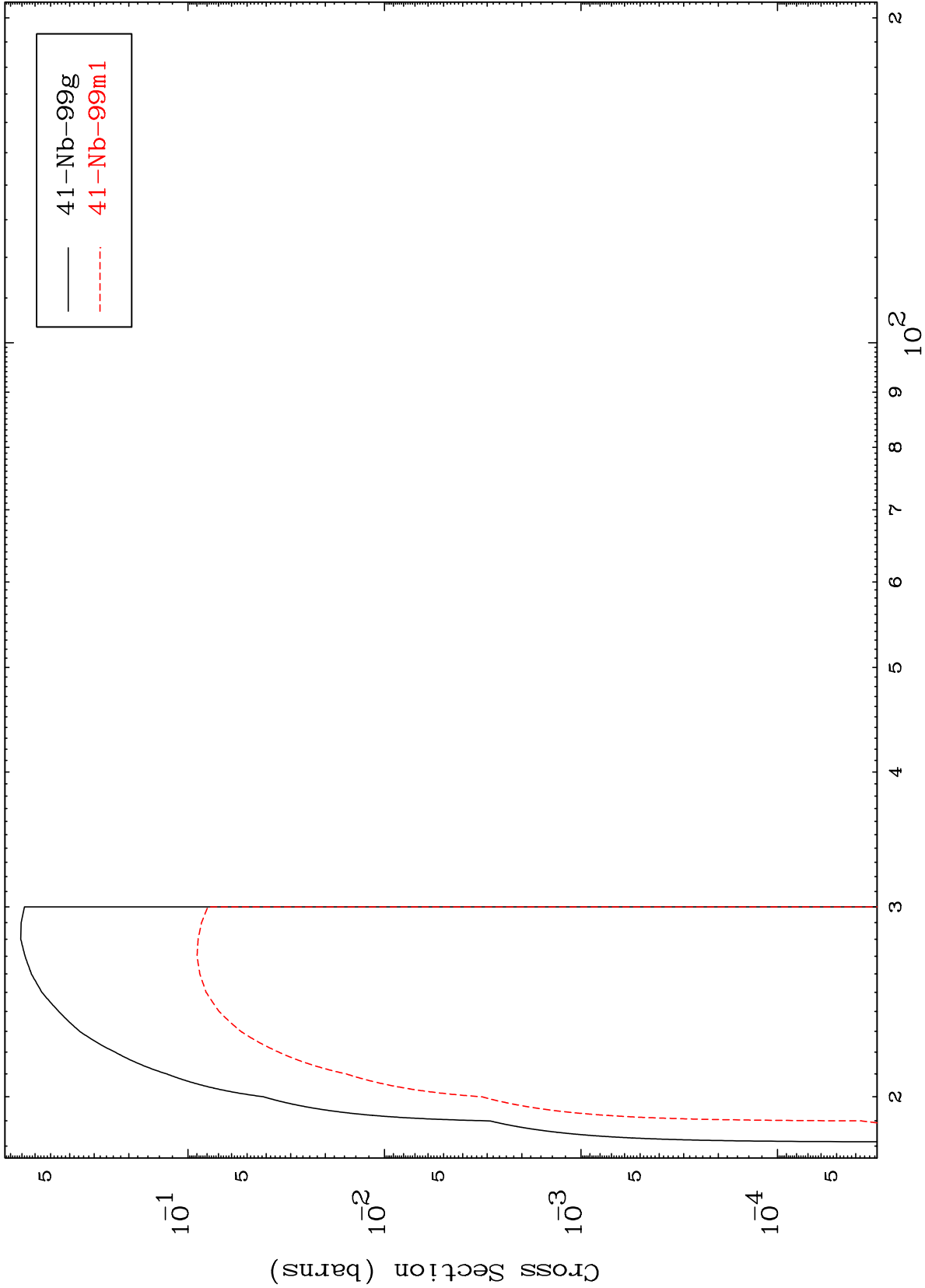


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(n,4n)

41-Nb-102

Radionuclide Production Cross Section



24

Incident Energy (MeV)

41-Nb-102

