

Program EVALPLOT
(Version 2021-1)

by

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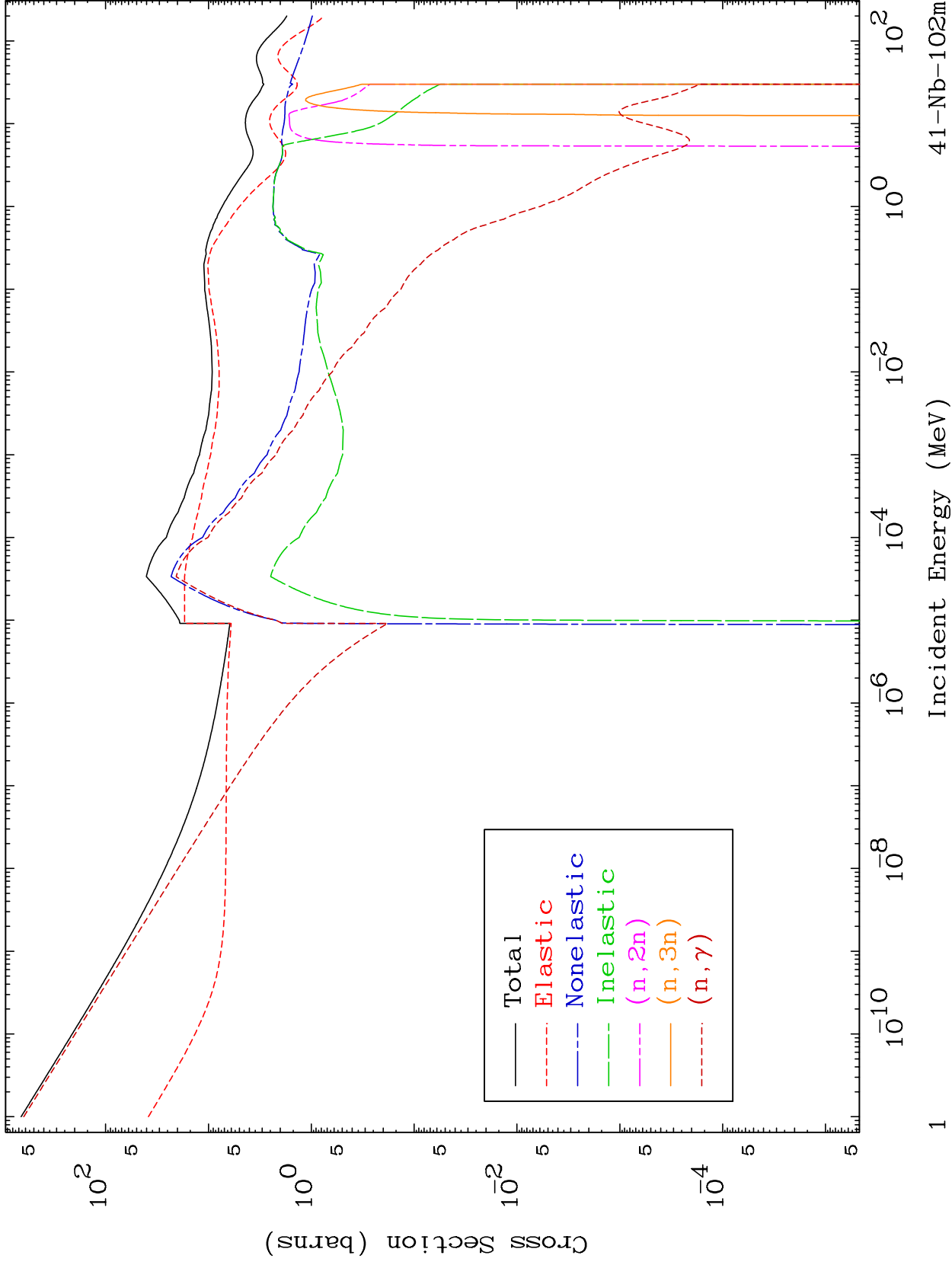
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4153

Neutron Major
293 Kelvin Cross Sections

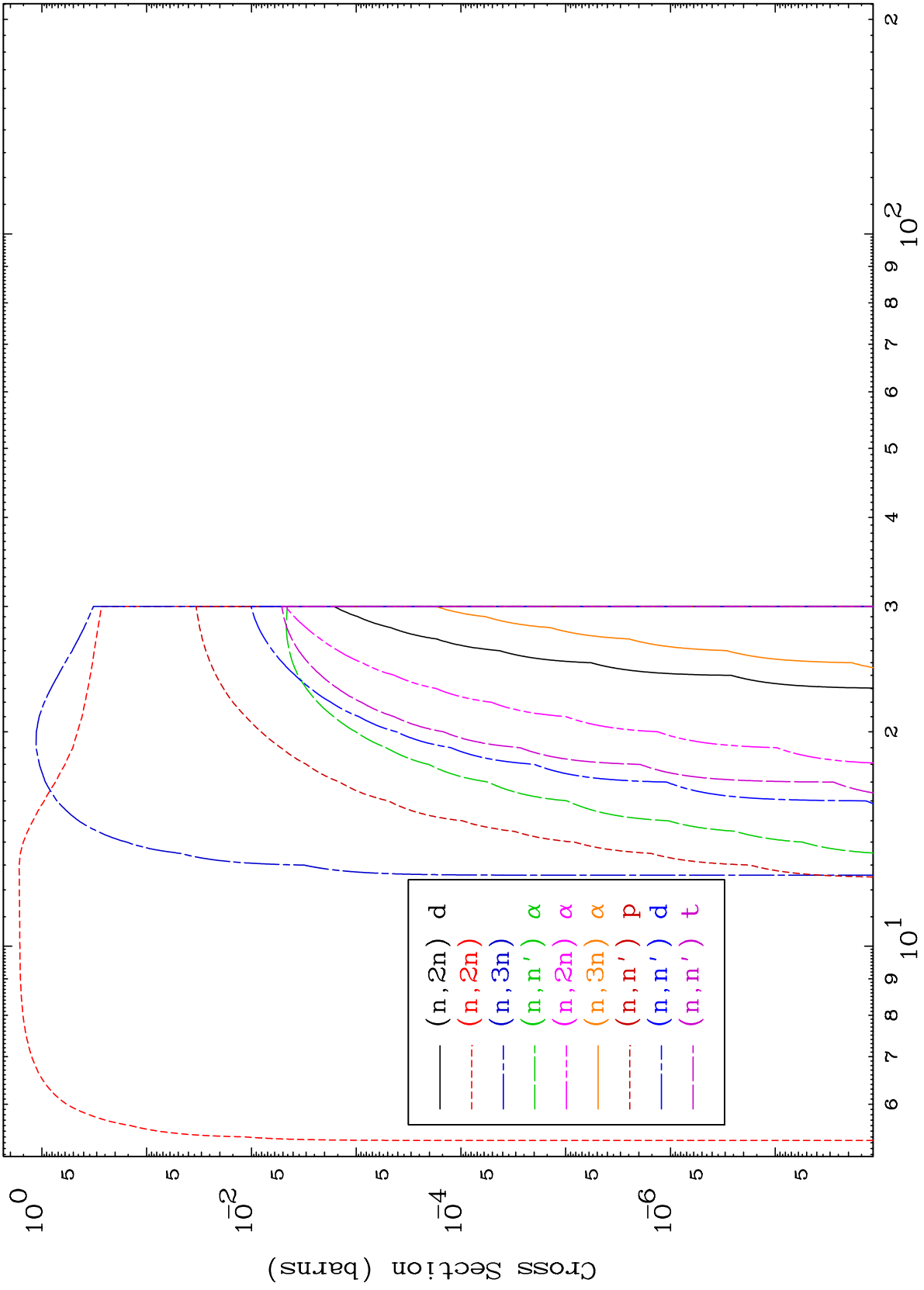
41-Nb-102m



MAT 4153

Neutron Absorption
293 Kelvin Cross Sections

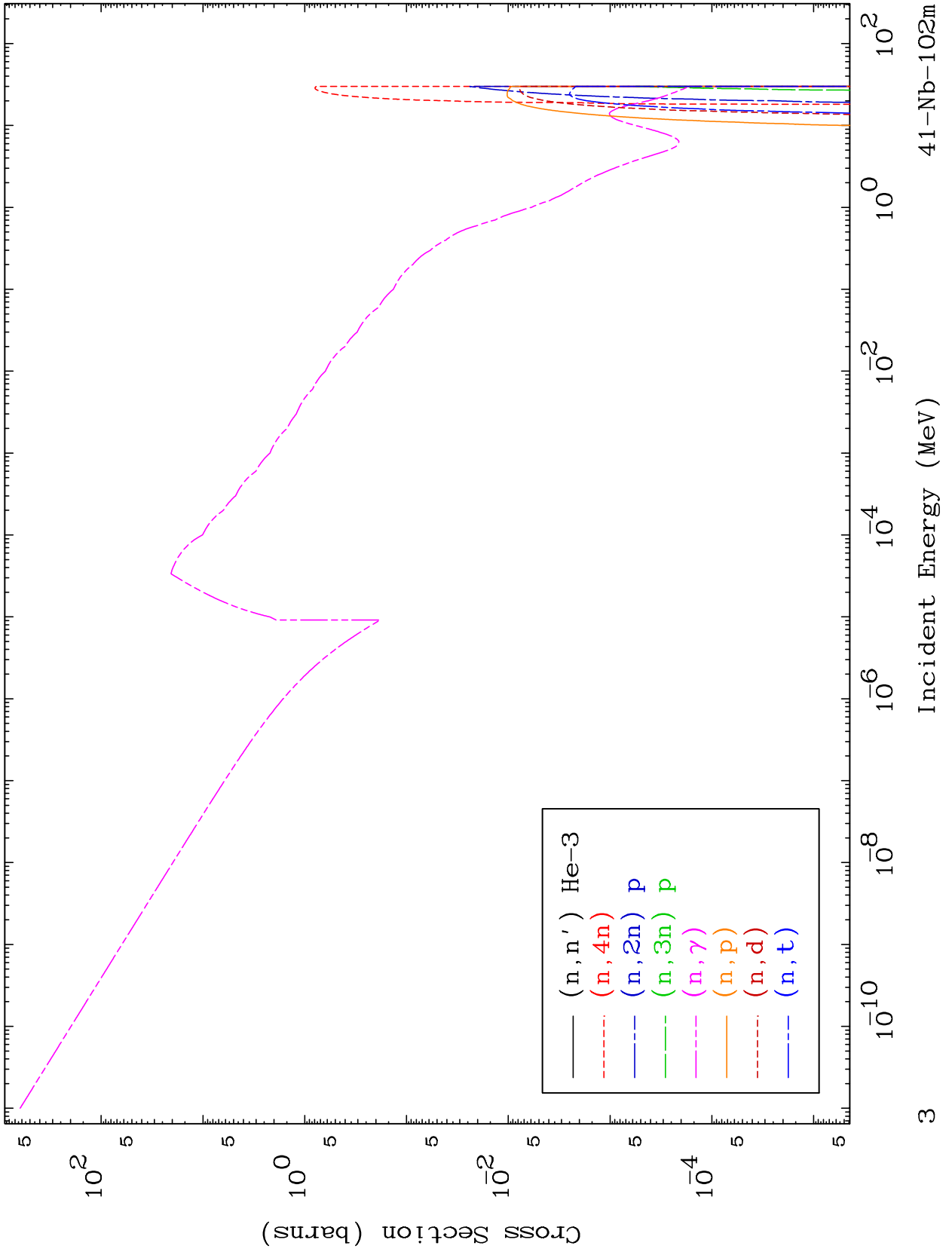
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MAT 4153

Neutron Absorption
293 Kelvin Cross Sections

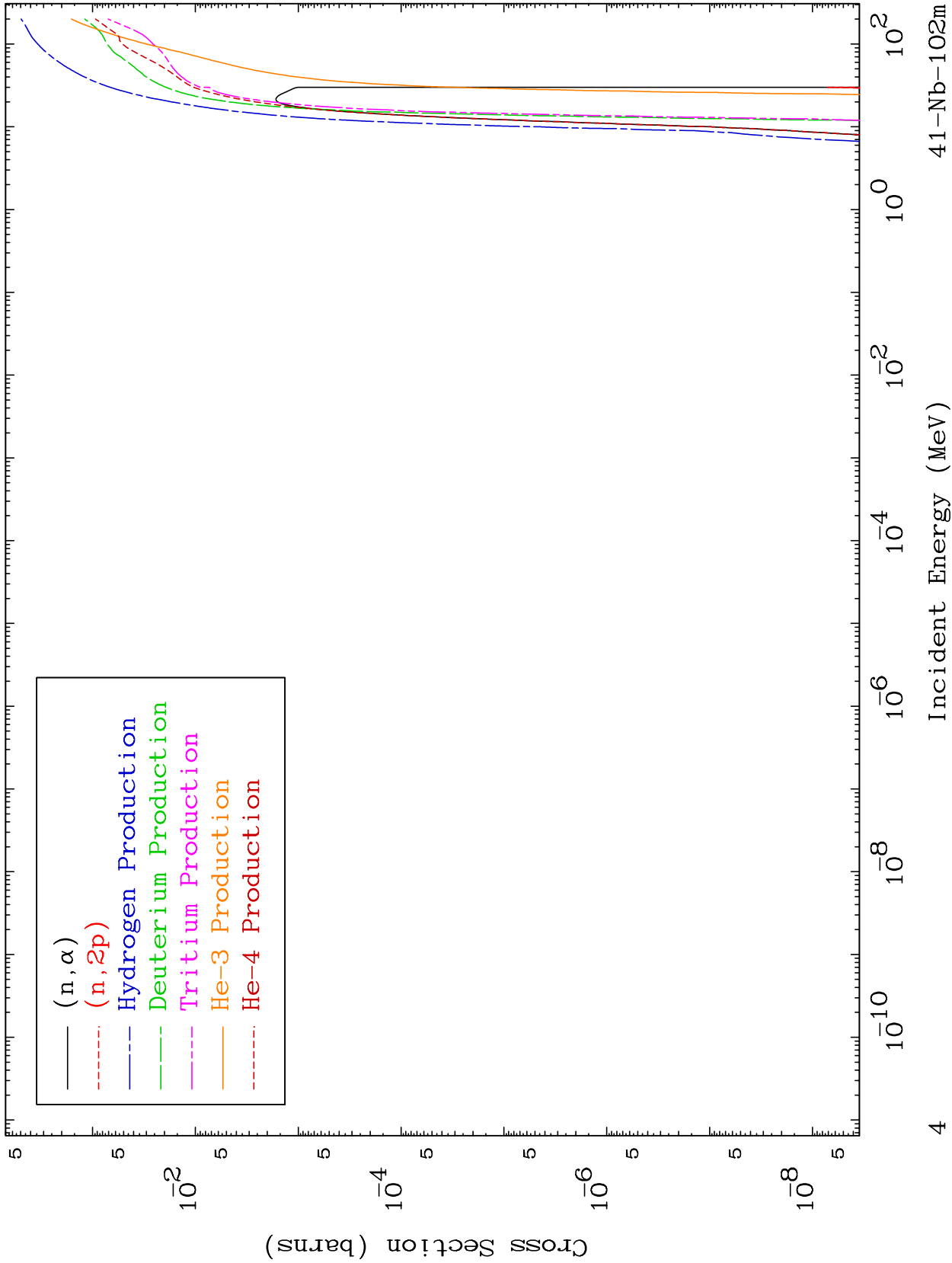
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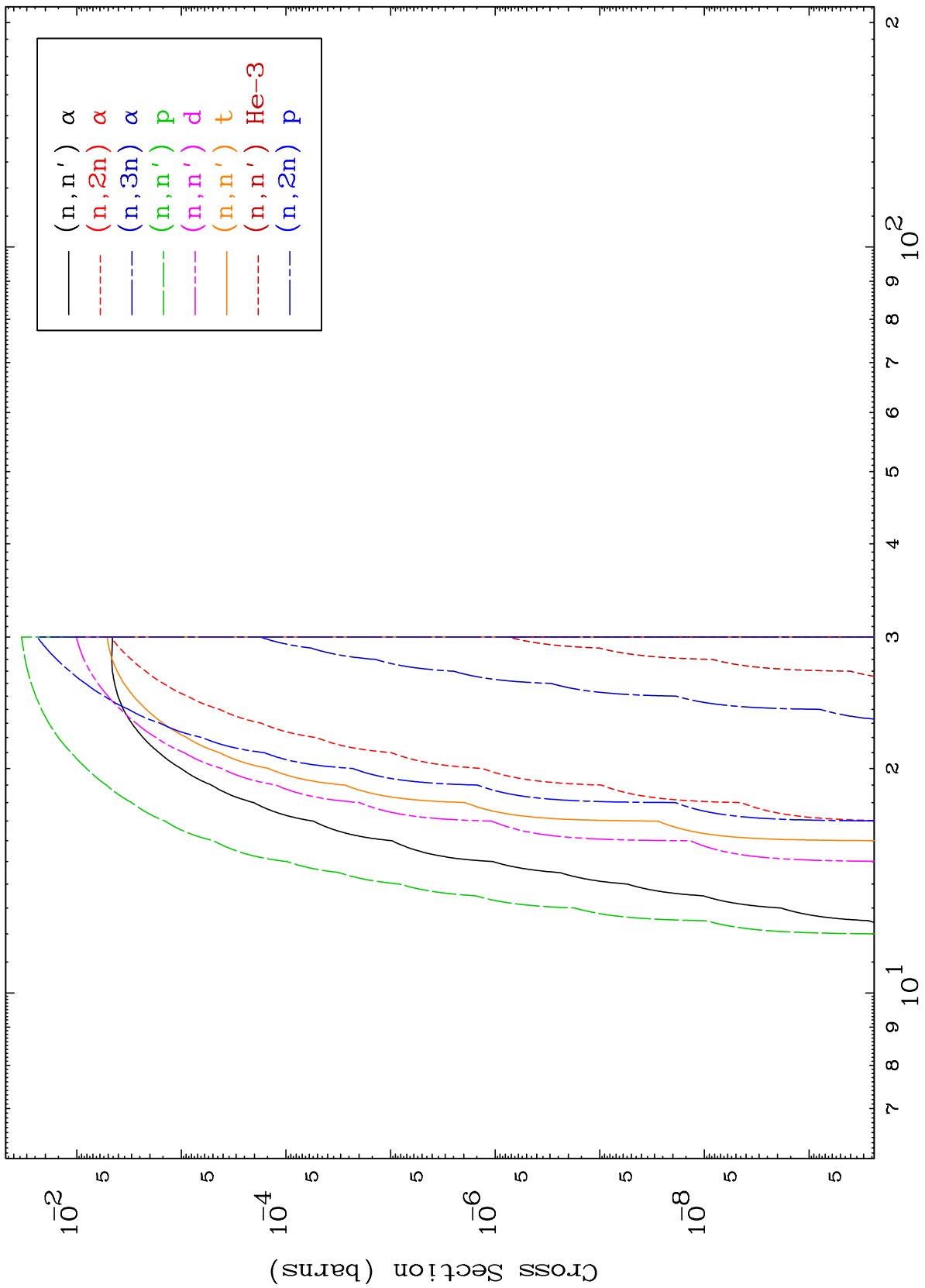


MAT 4153

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-102m

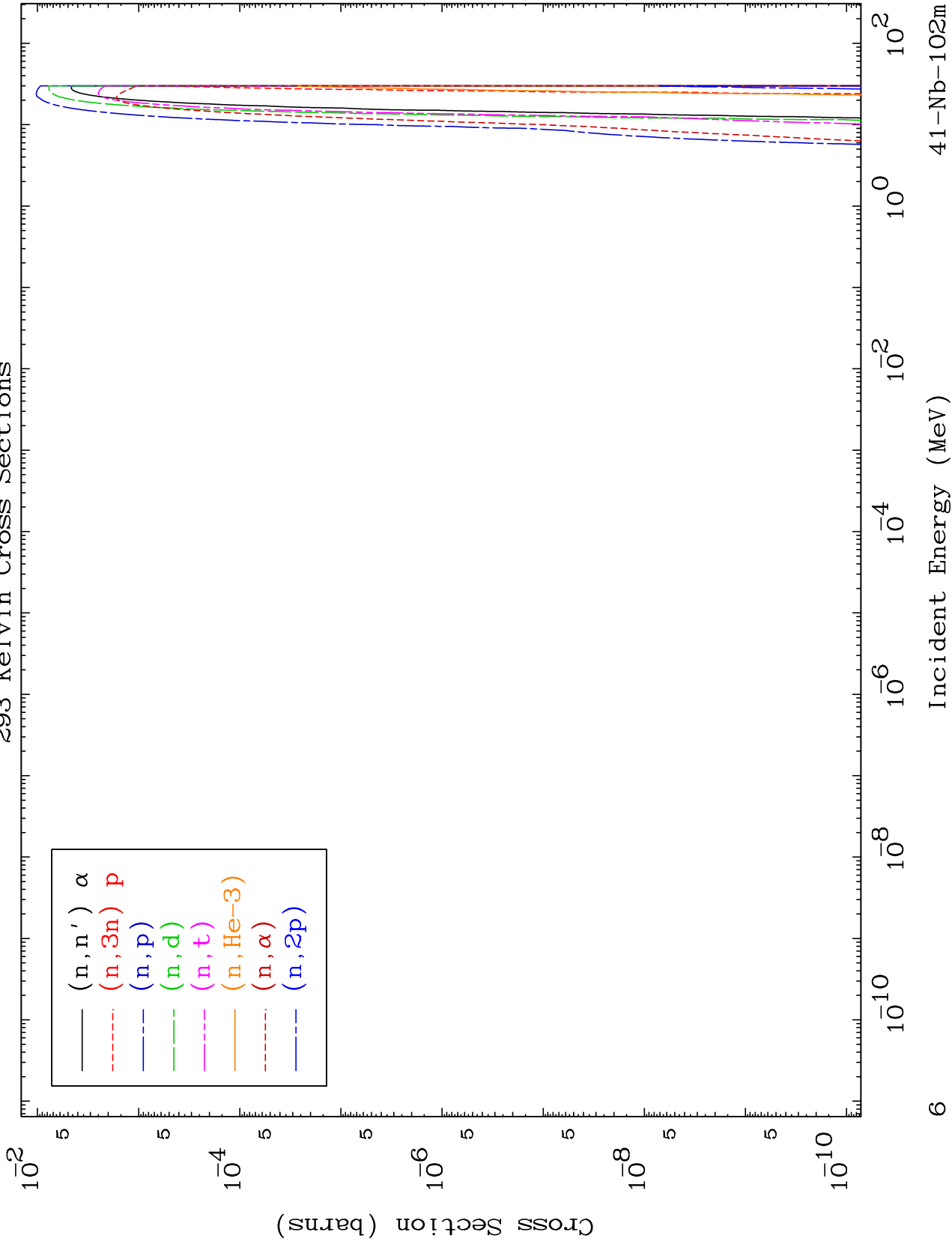




MAT 4153

Charged Particle
293 Kelvin Cross Sections

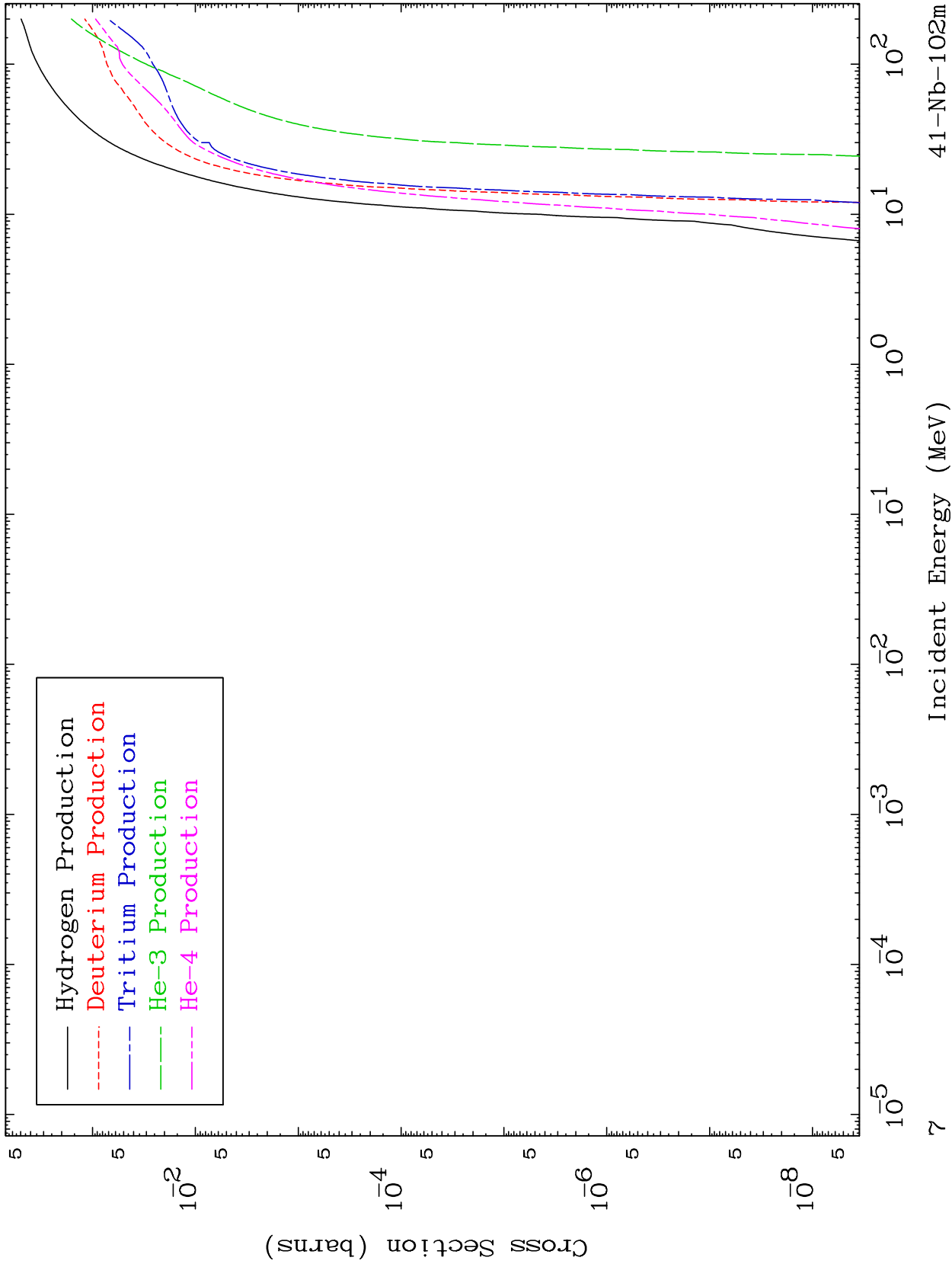
41-Nb-102m



MAT 4153

Particle Production
293 Kelvin Cross Sections

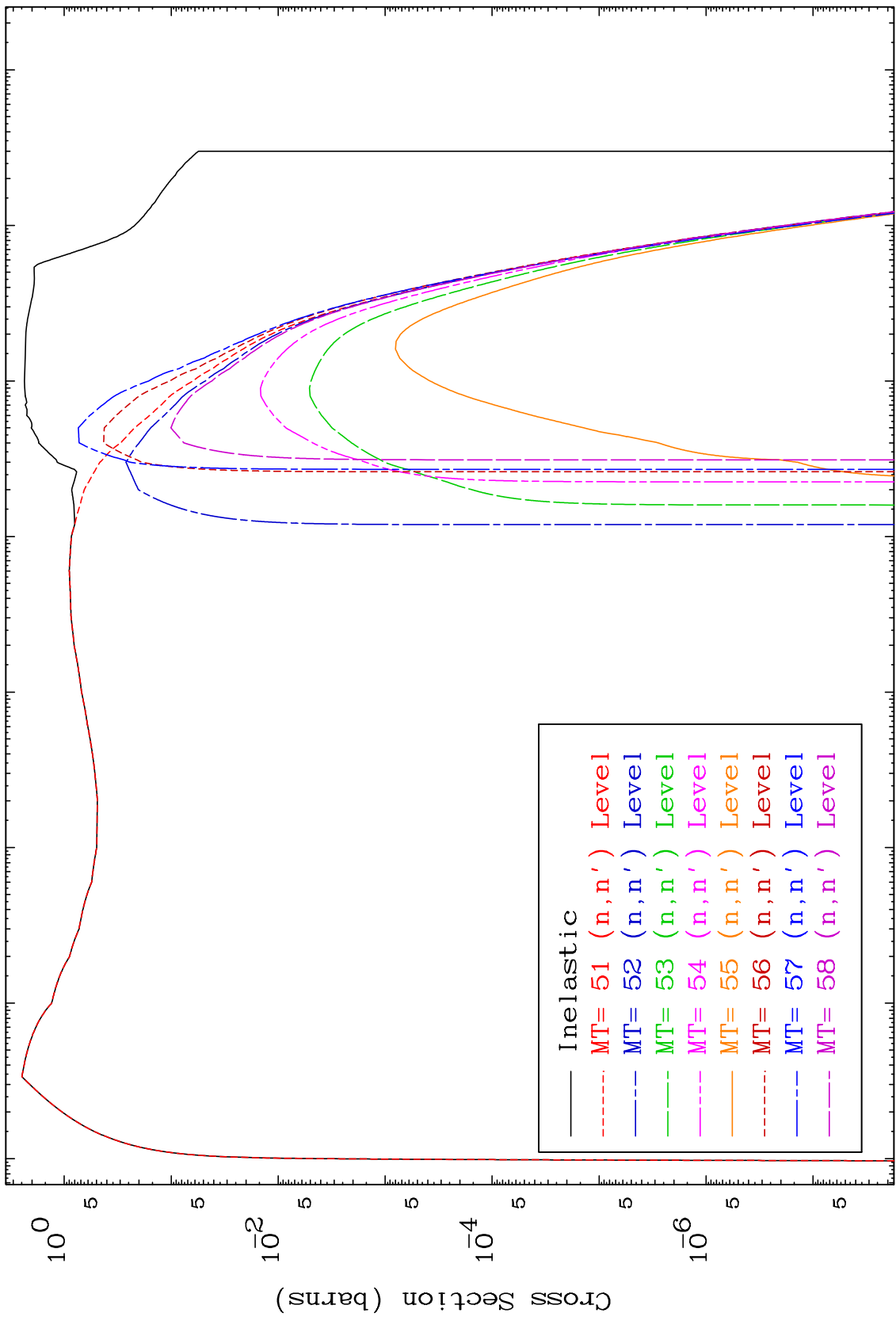
41-Nb-102m



MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

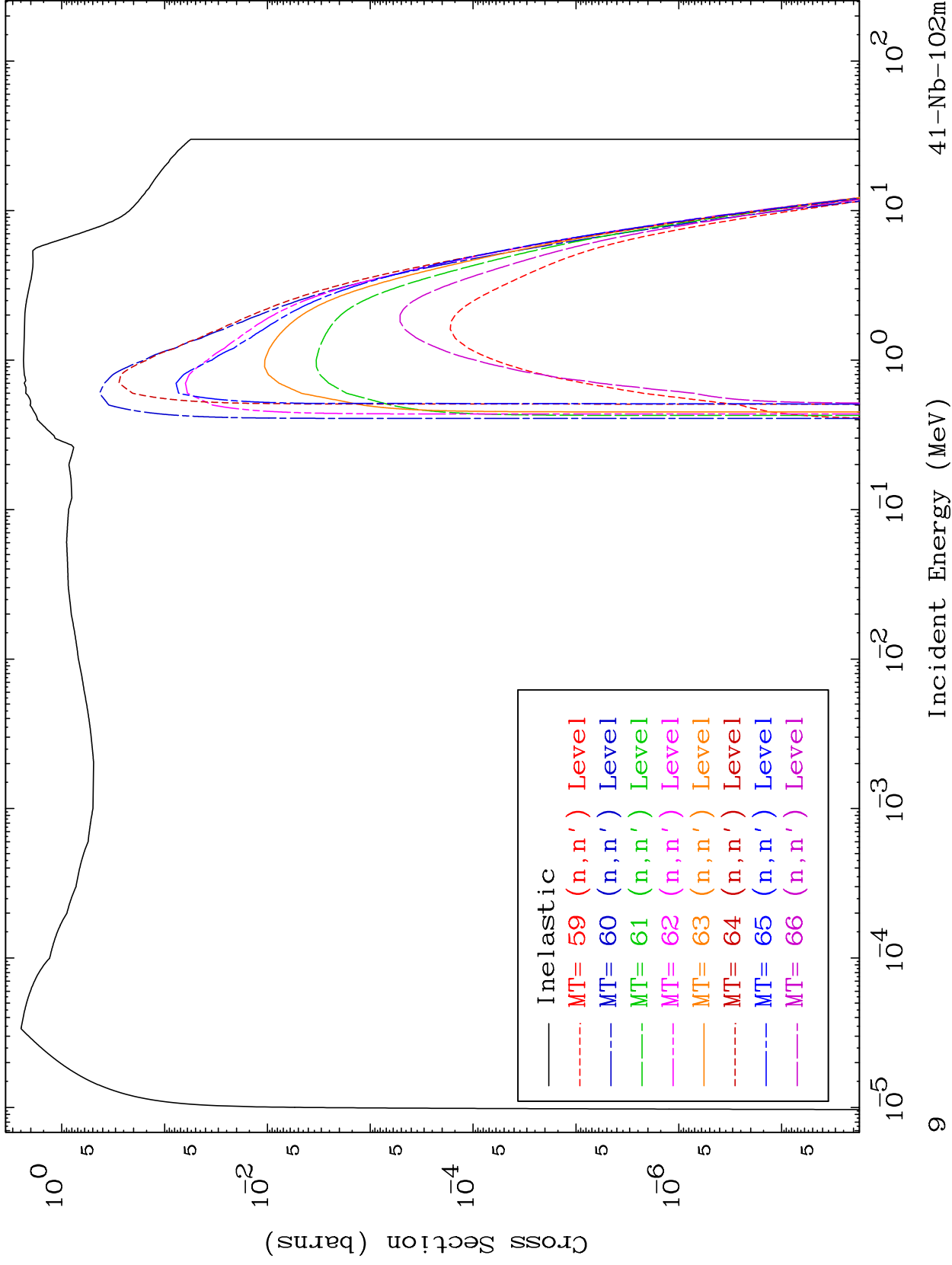
41-Nb-102m



MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

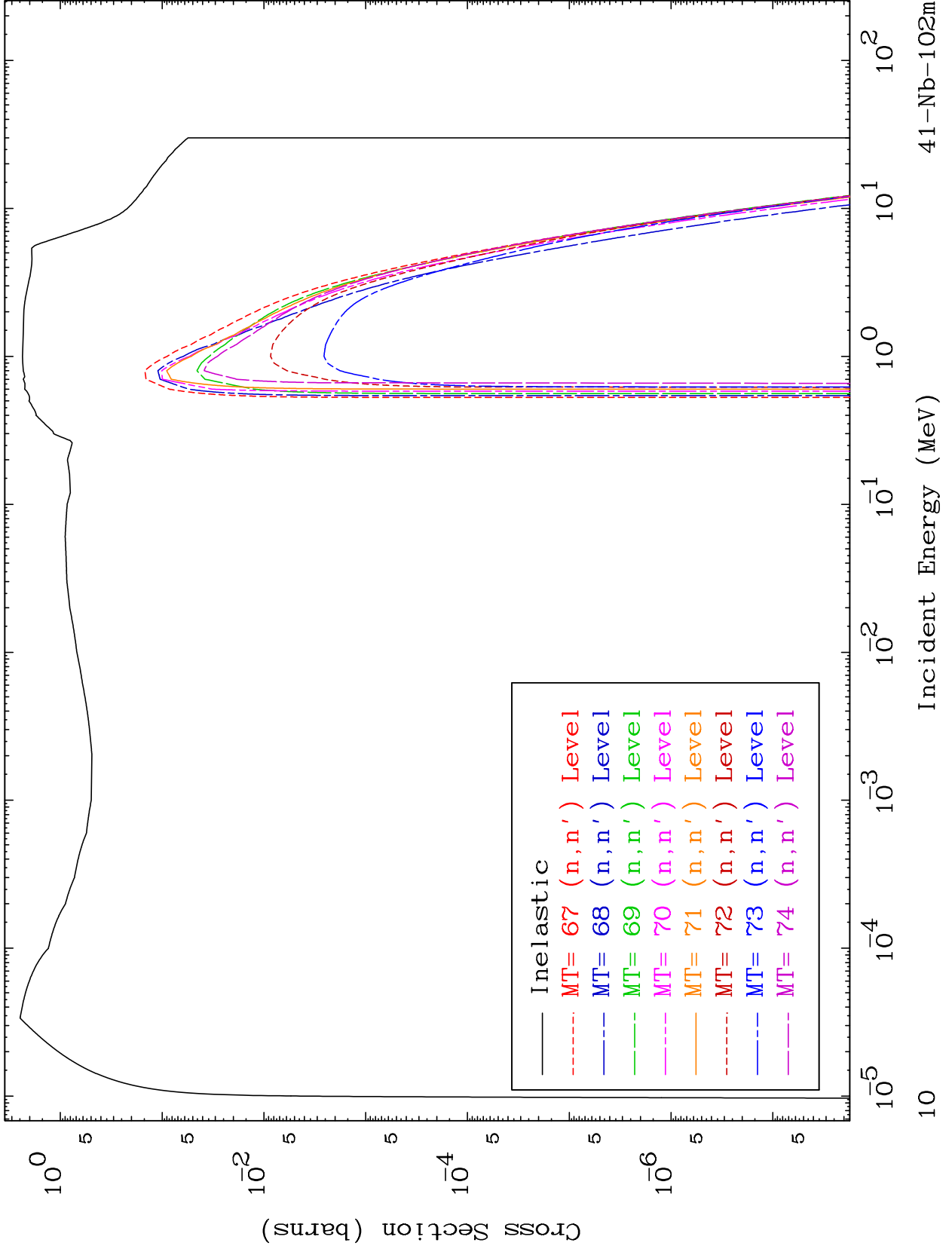
41-Nb-102m



MAT 4153

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-102m



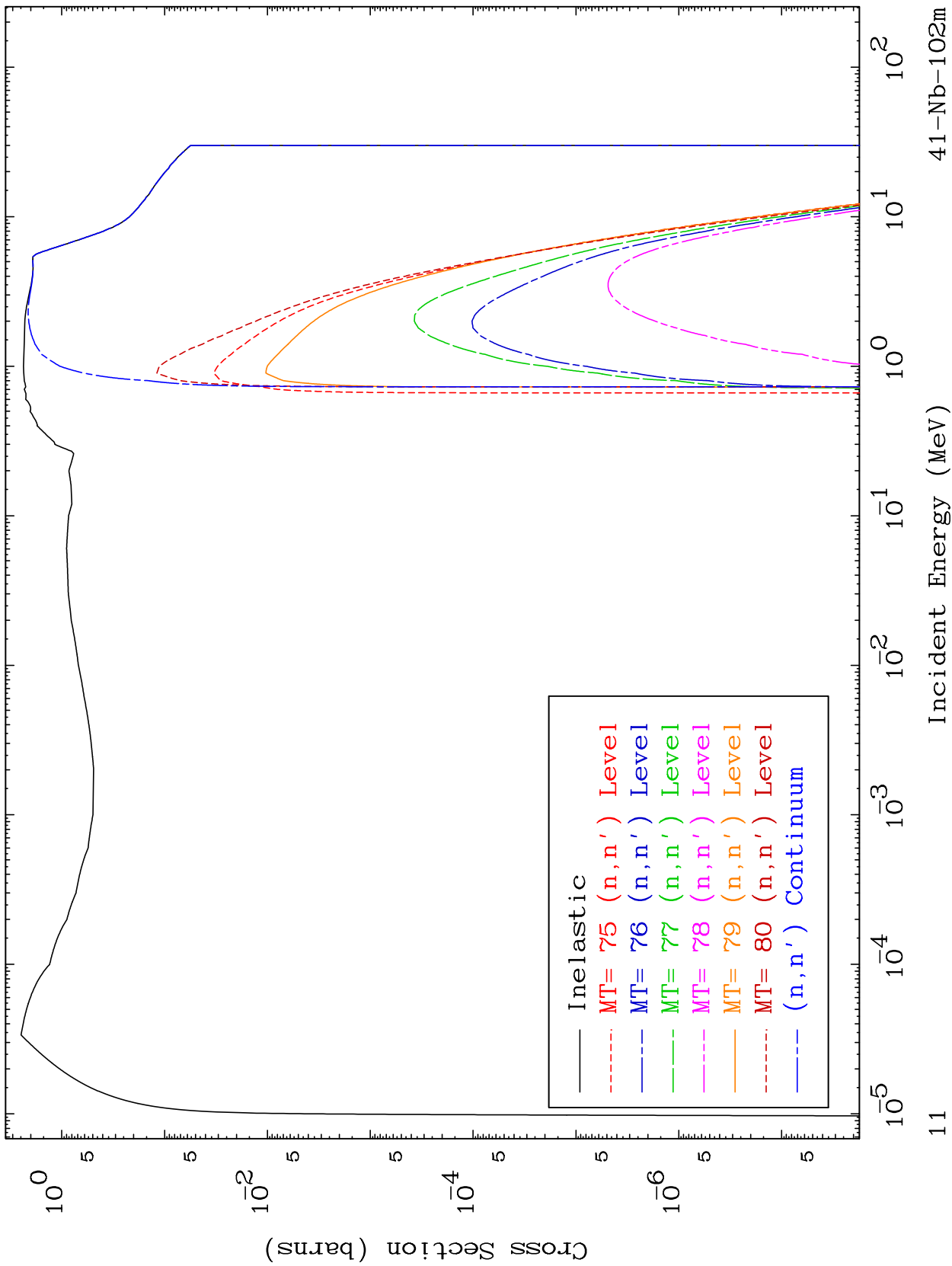
41-Nb-102m

Incident Energy (MeV)

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(n,n') Levels
293 Kelvin Cross Sections

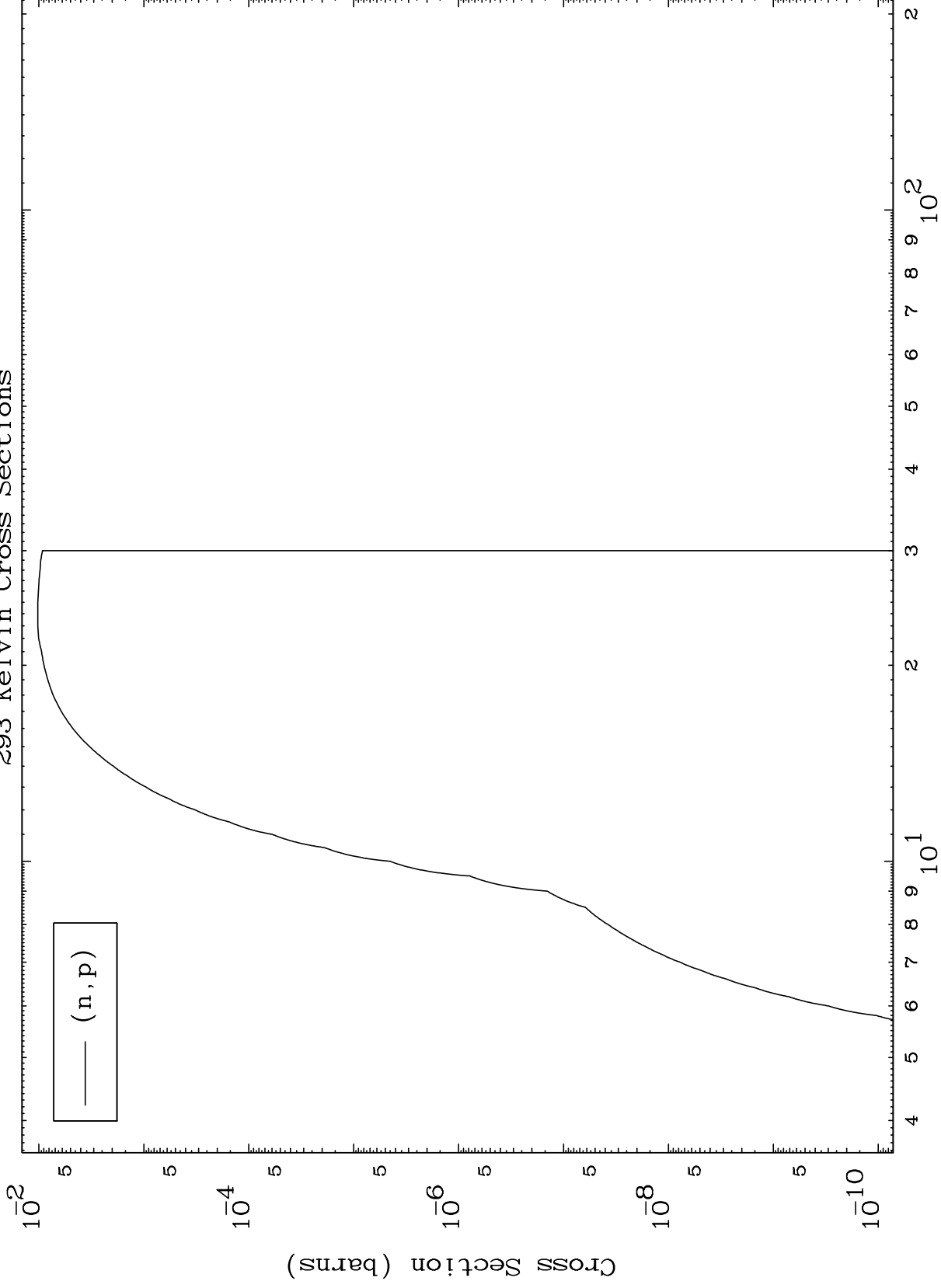
41-Nb-102m



MAT 4153

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-102m



12

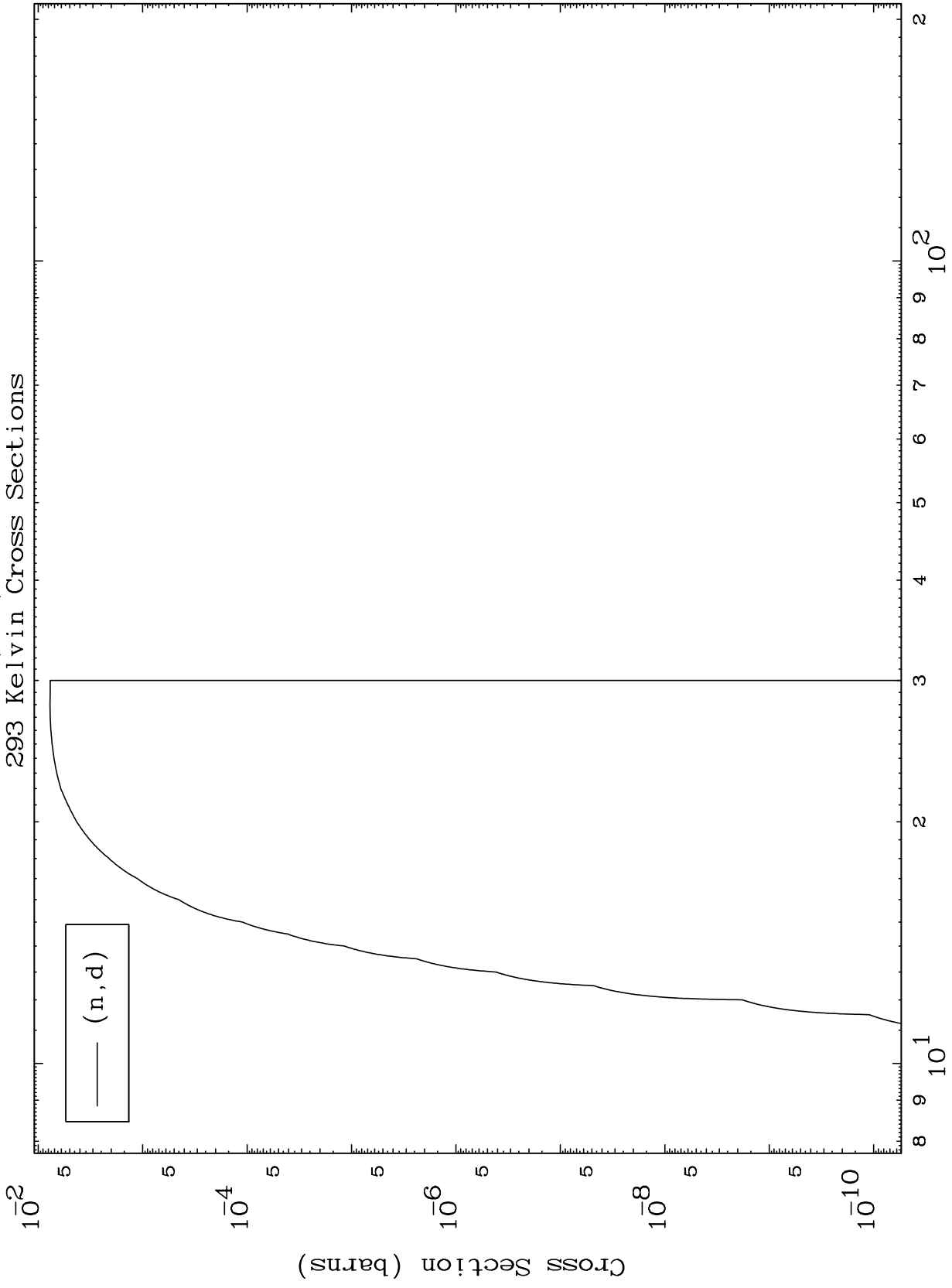
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-102m



13

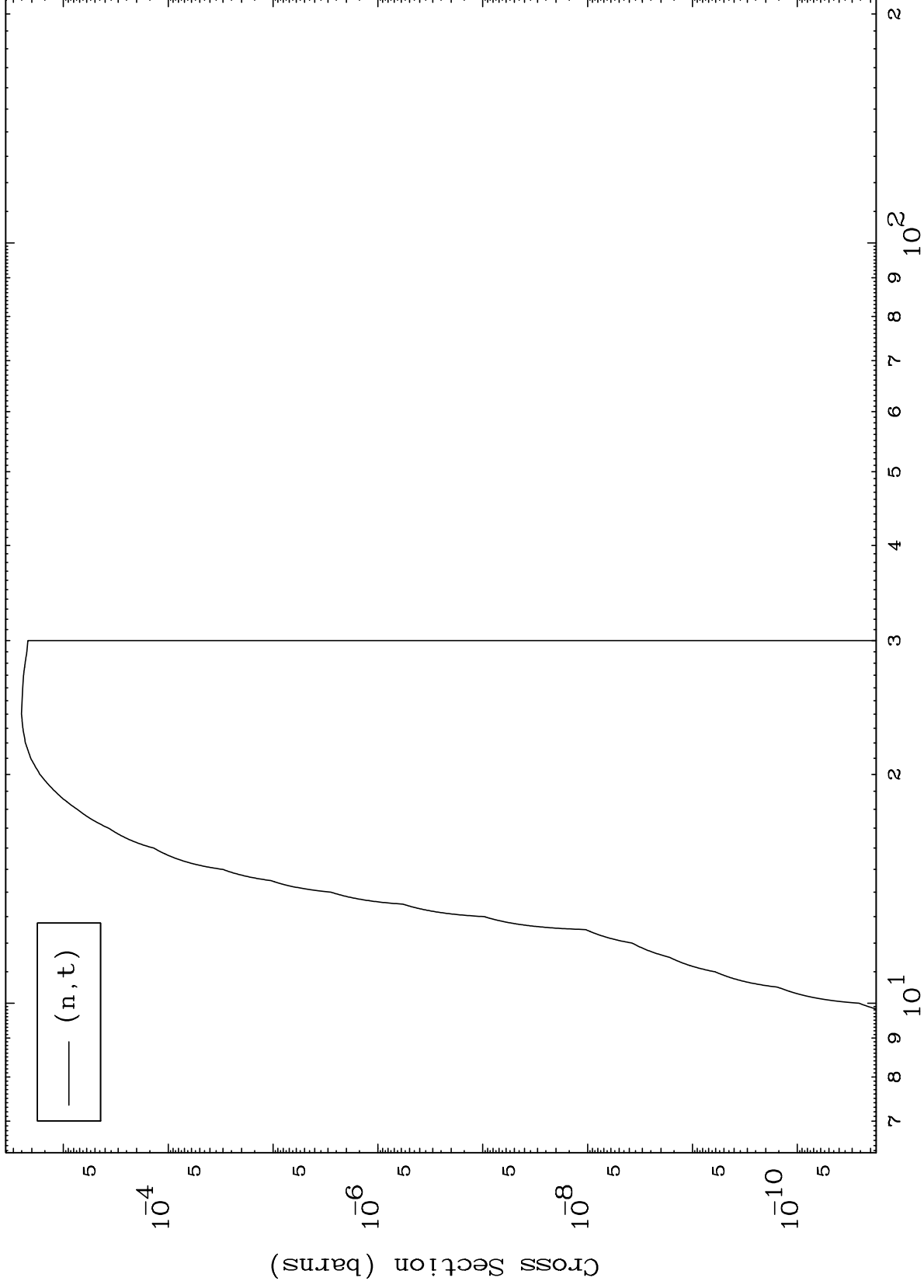
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-102m



14

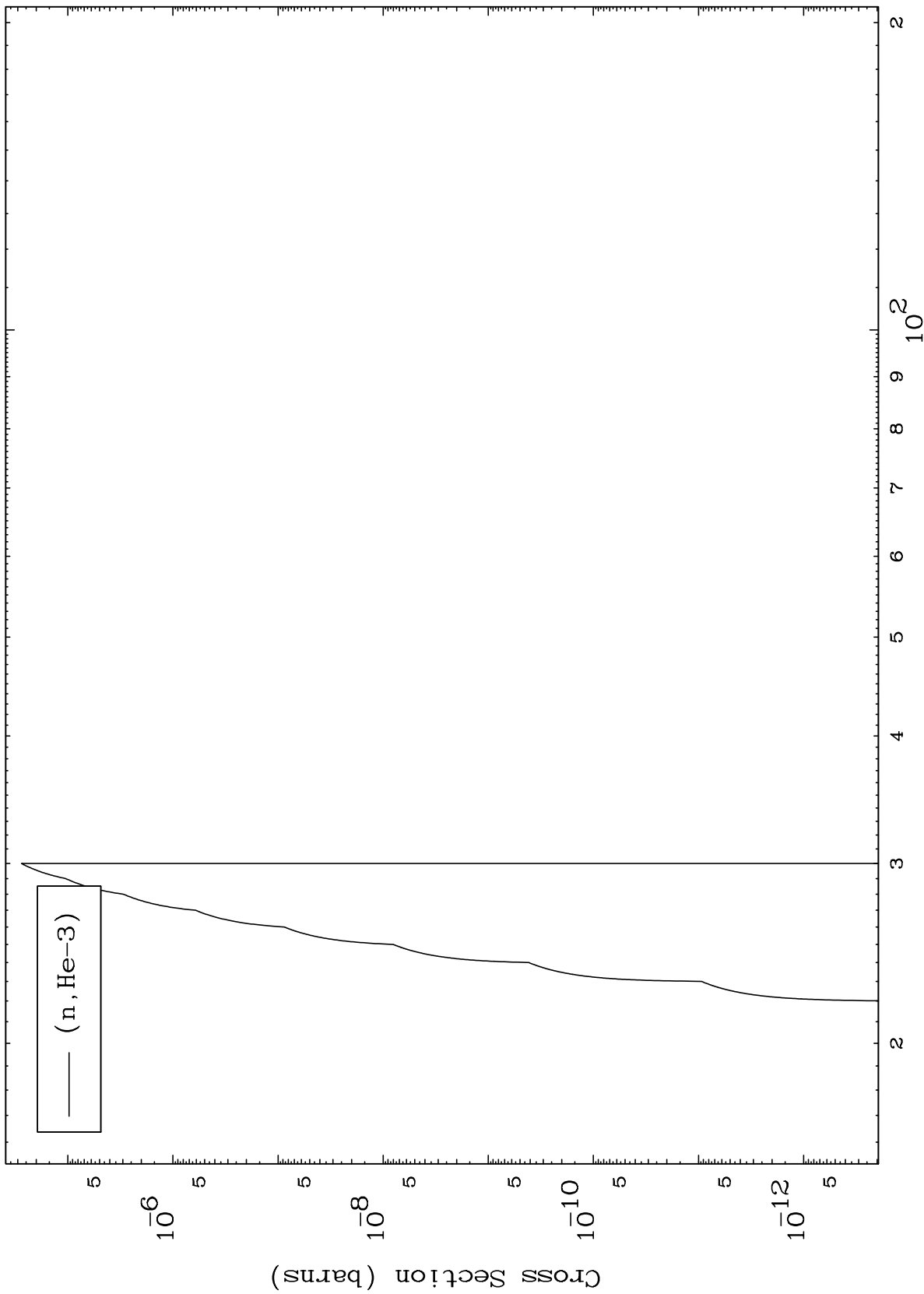
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-102m



15

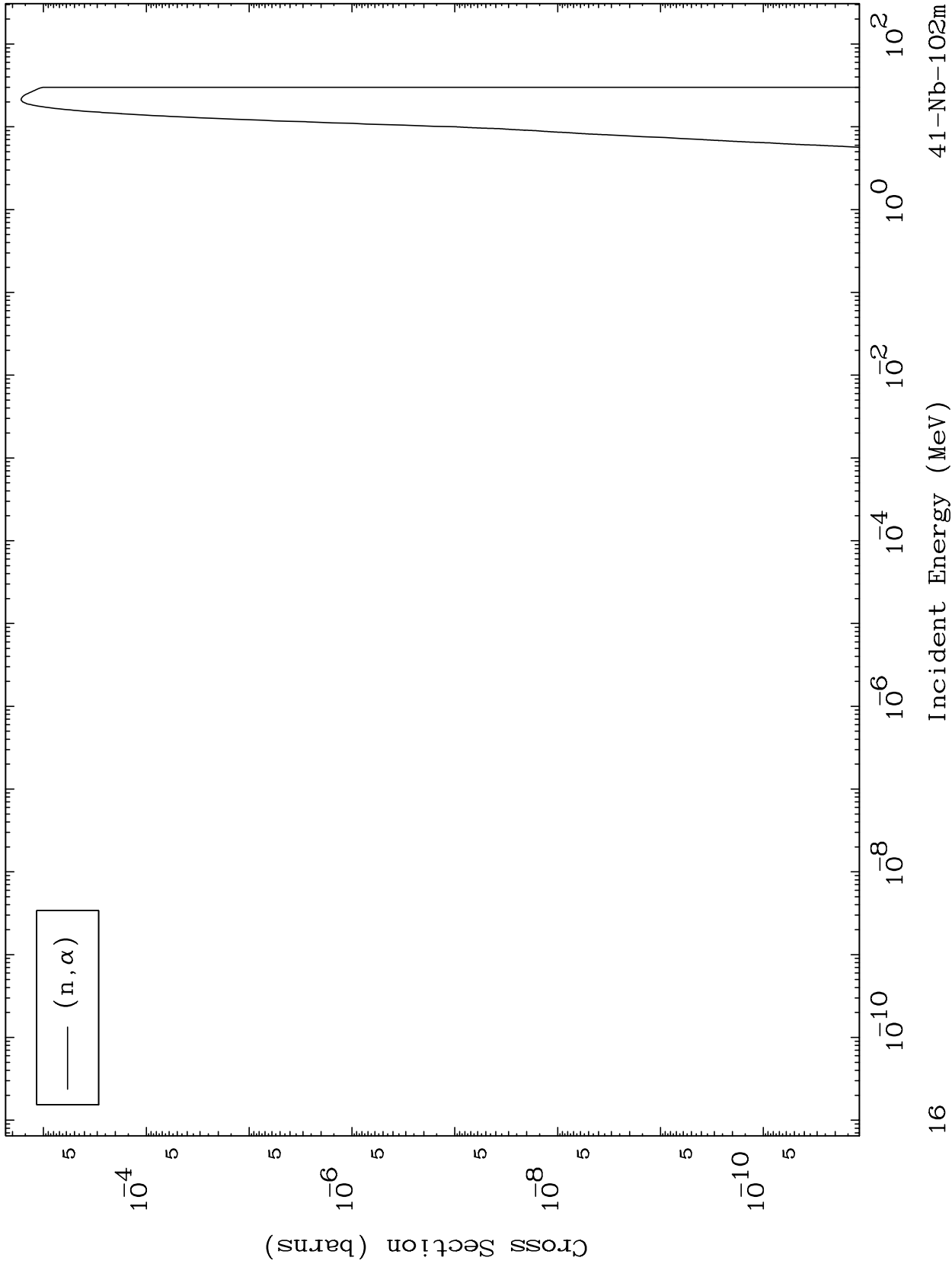
Incident Energy (MeV)

41-Nb-102m

MAT 4153

(n, α) Levels
293 Kelvin Cross Sections

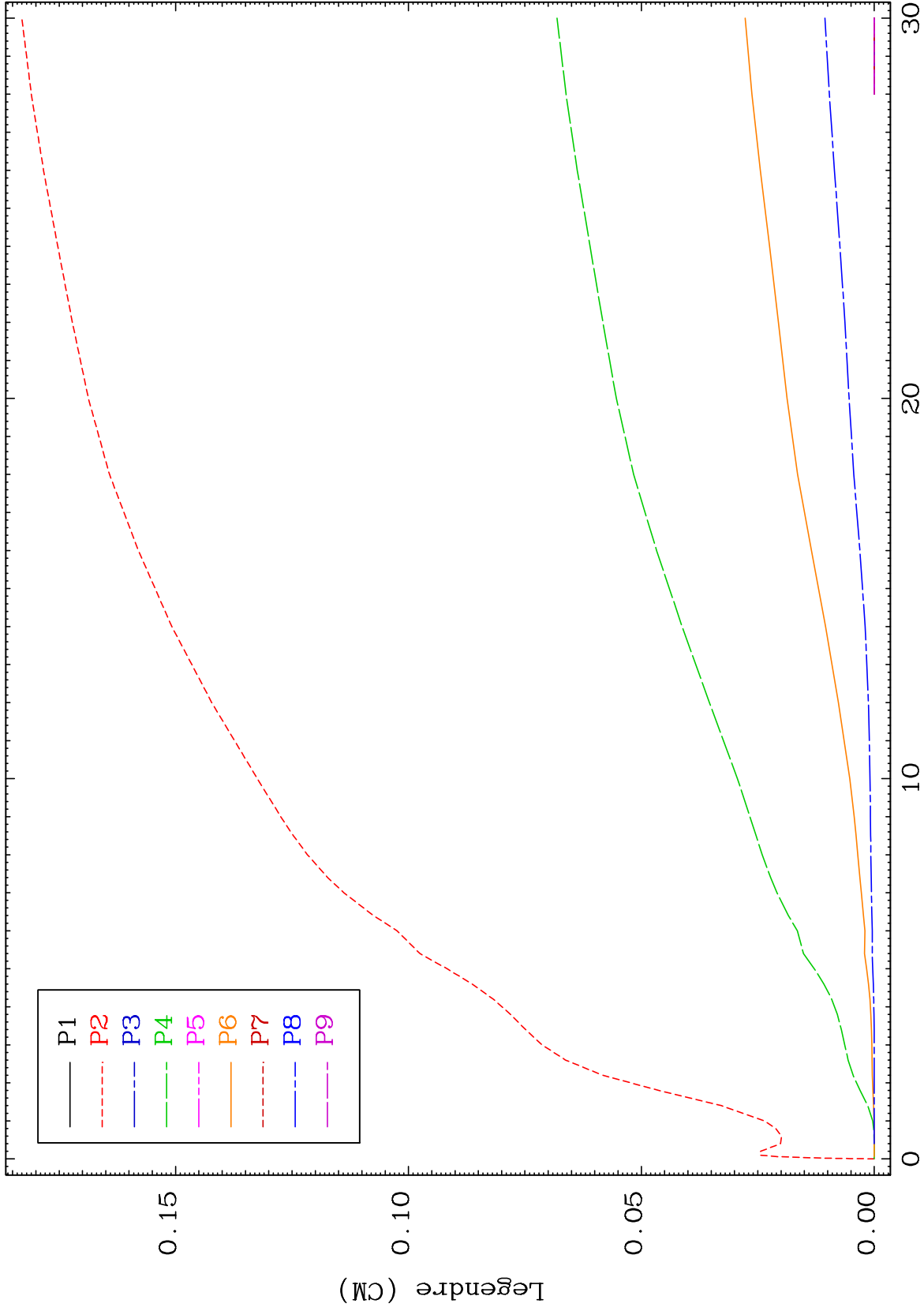
41-Nb-102m



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Elastic
Legendre Coefficients

41-Nb-102m



Incident Energy (MeV)

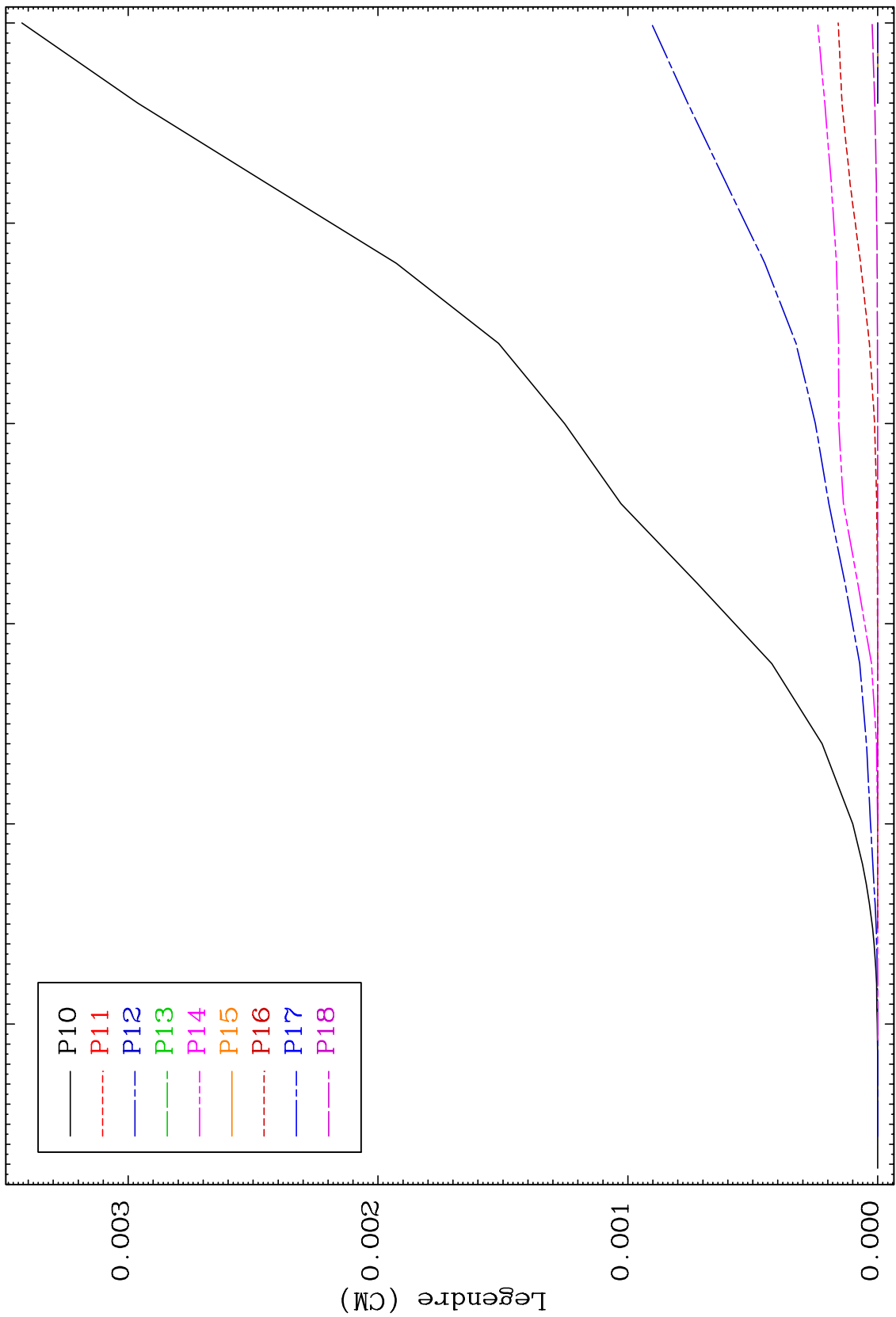
41-Nb-102m

17

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Elastic Legendre Coefficients

41-Nb-102m



18

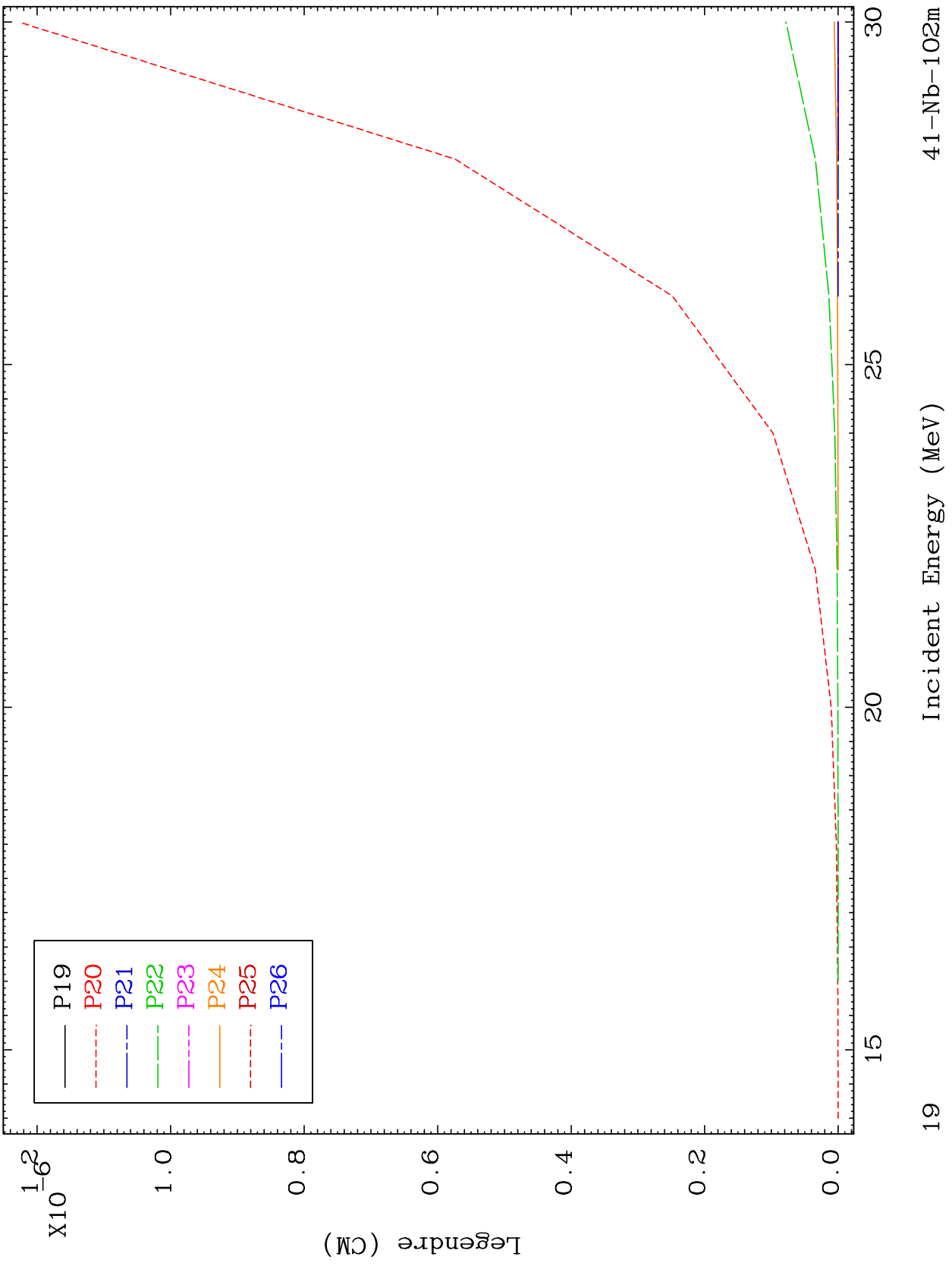
Incident Energy (MeV)

41-Nb-102m

MAT 4153

Elastic Legendre Coefficients

41-Nb-102m



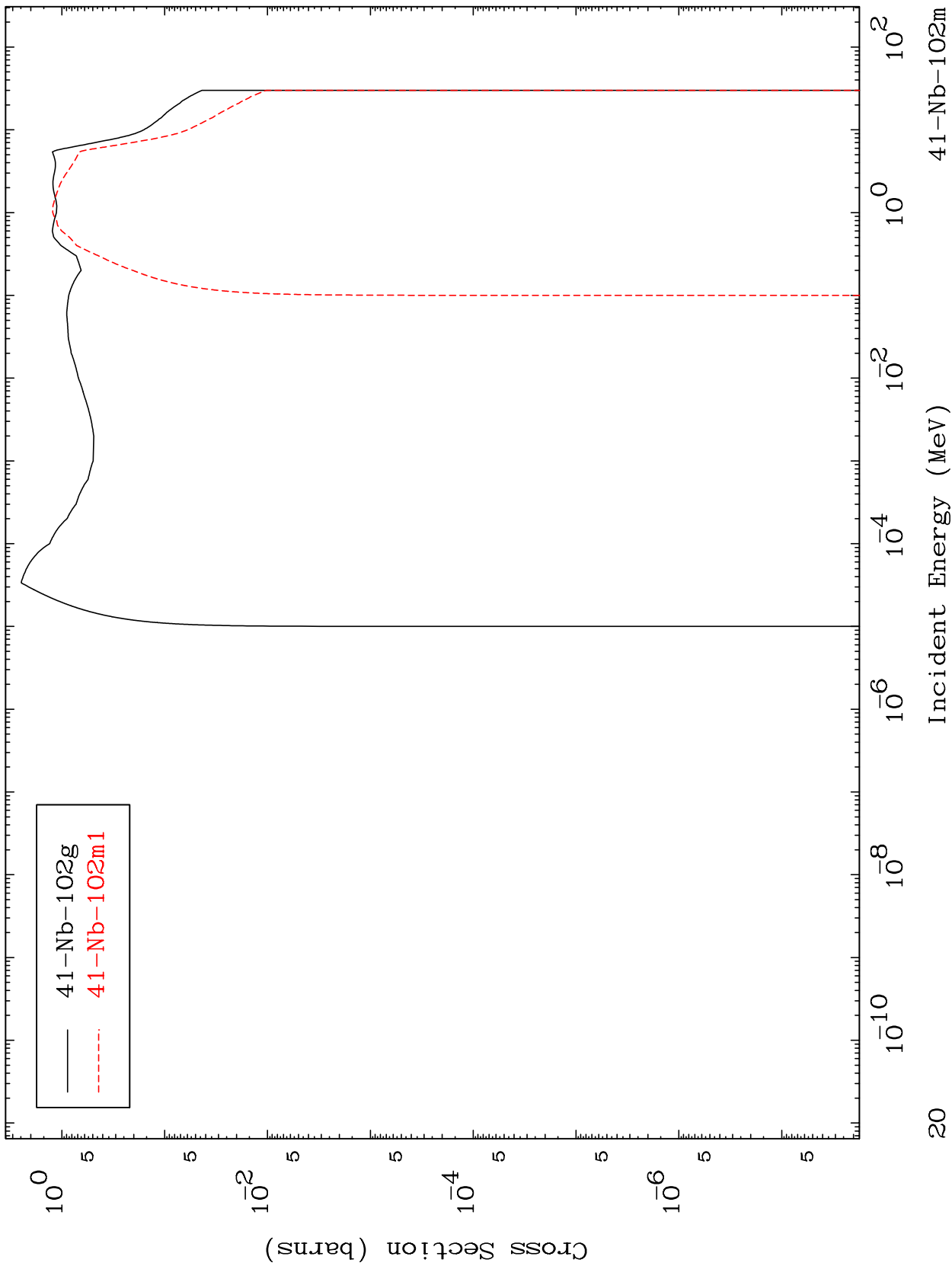
19

41-Nb-102m

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41-Nb-102m

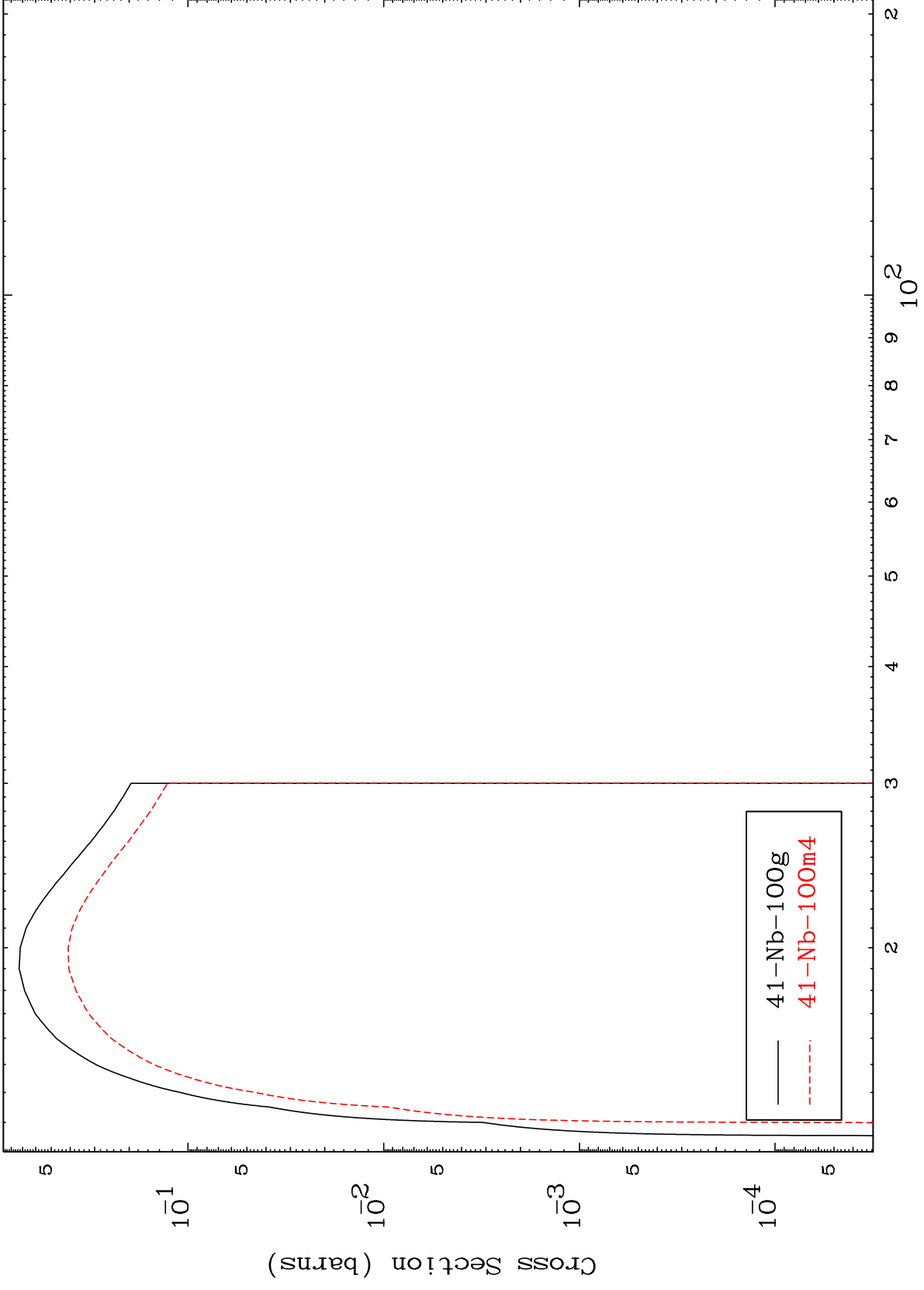
Inelastic
Radionuclide Production Cross Section



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41-Nb-102m

(n,3n)
Radionuclide Production Cross Section



21

41-Nb-102m

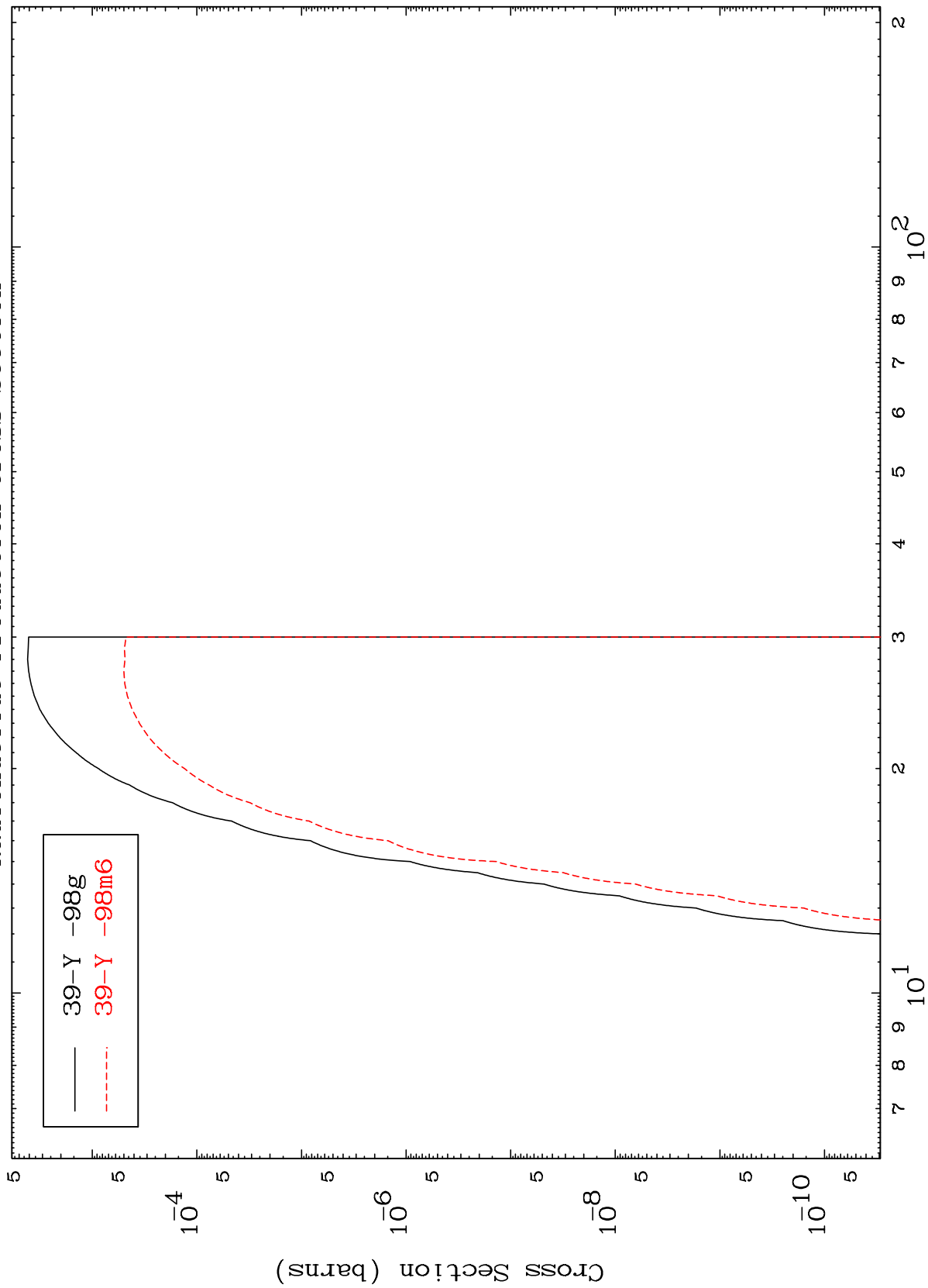
Incident Energy (MeV)

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$(n, n') \alpha$

41-Nb-102m

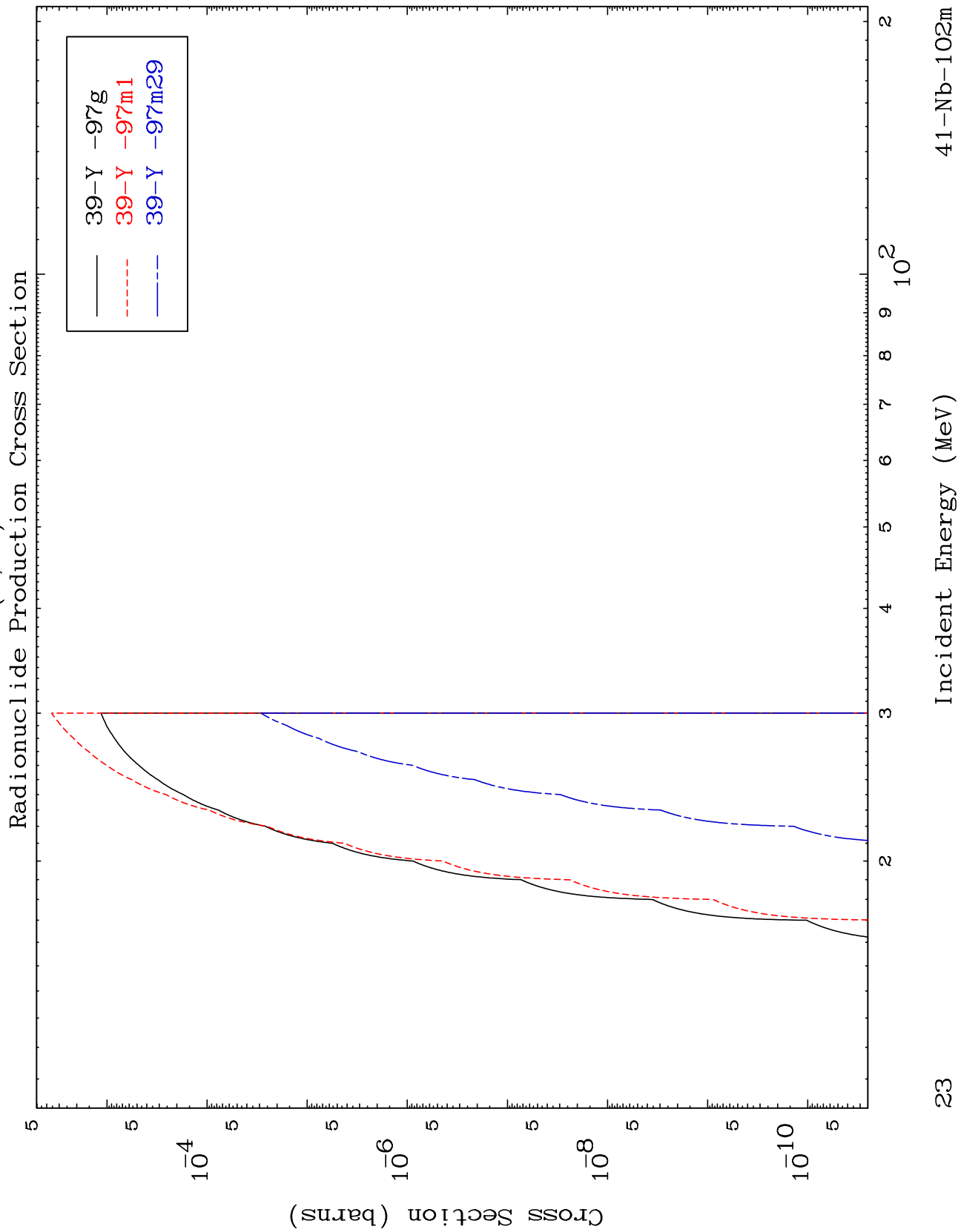
Radionuclide Production Cross Section



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(n,2n) α

41-Nb-102m



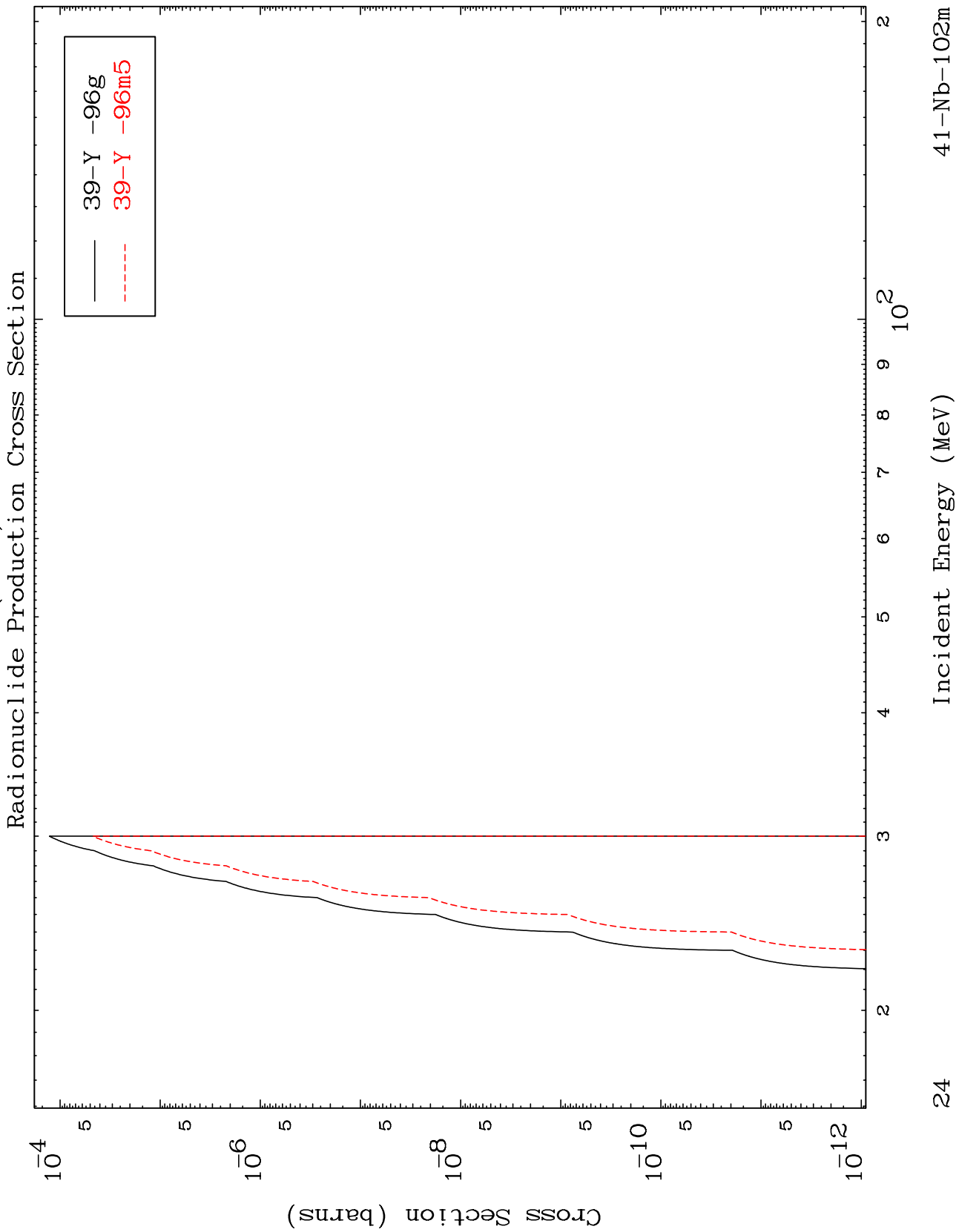
23

41-Nb-102m

MAT 4153

(n,3n) α

41-Nb-102m

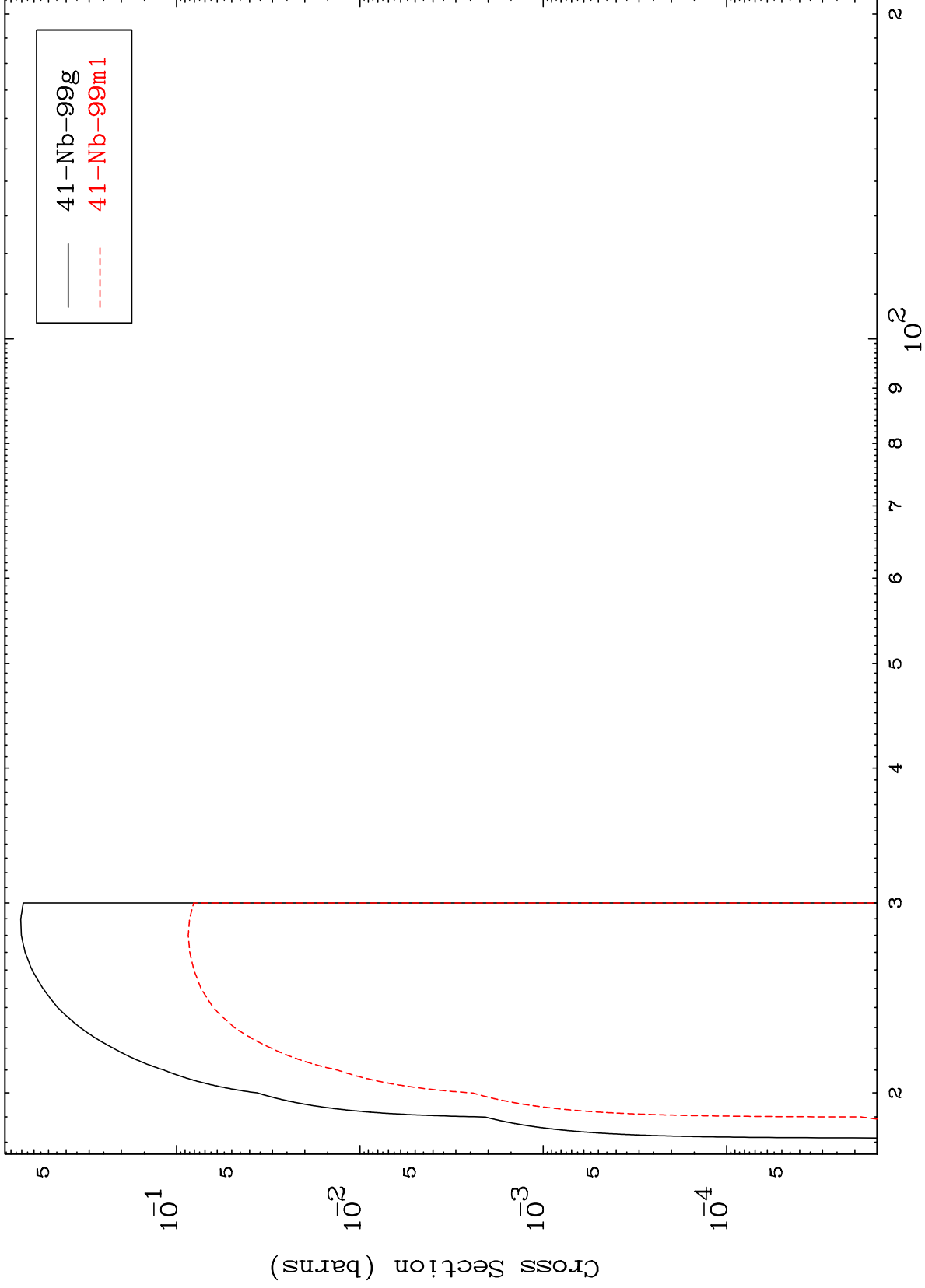


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(n,4n)

41-Nb-102m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

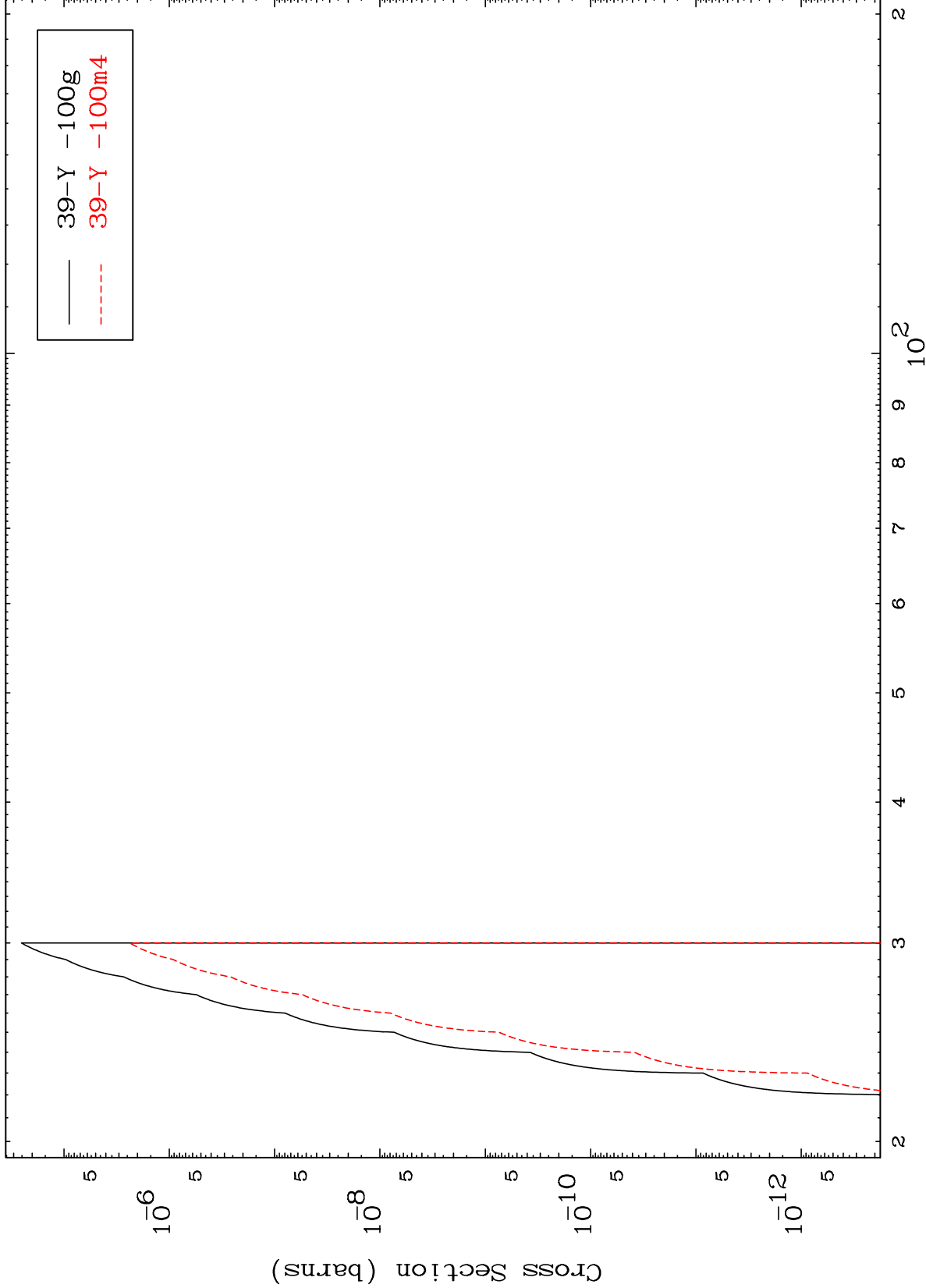
41-Nb-102m

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(n,He-3)

41-Nb-102m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

41-Nb-102m