

Program EVALPLOT
(Version 2015-2)

by

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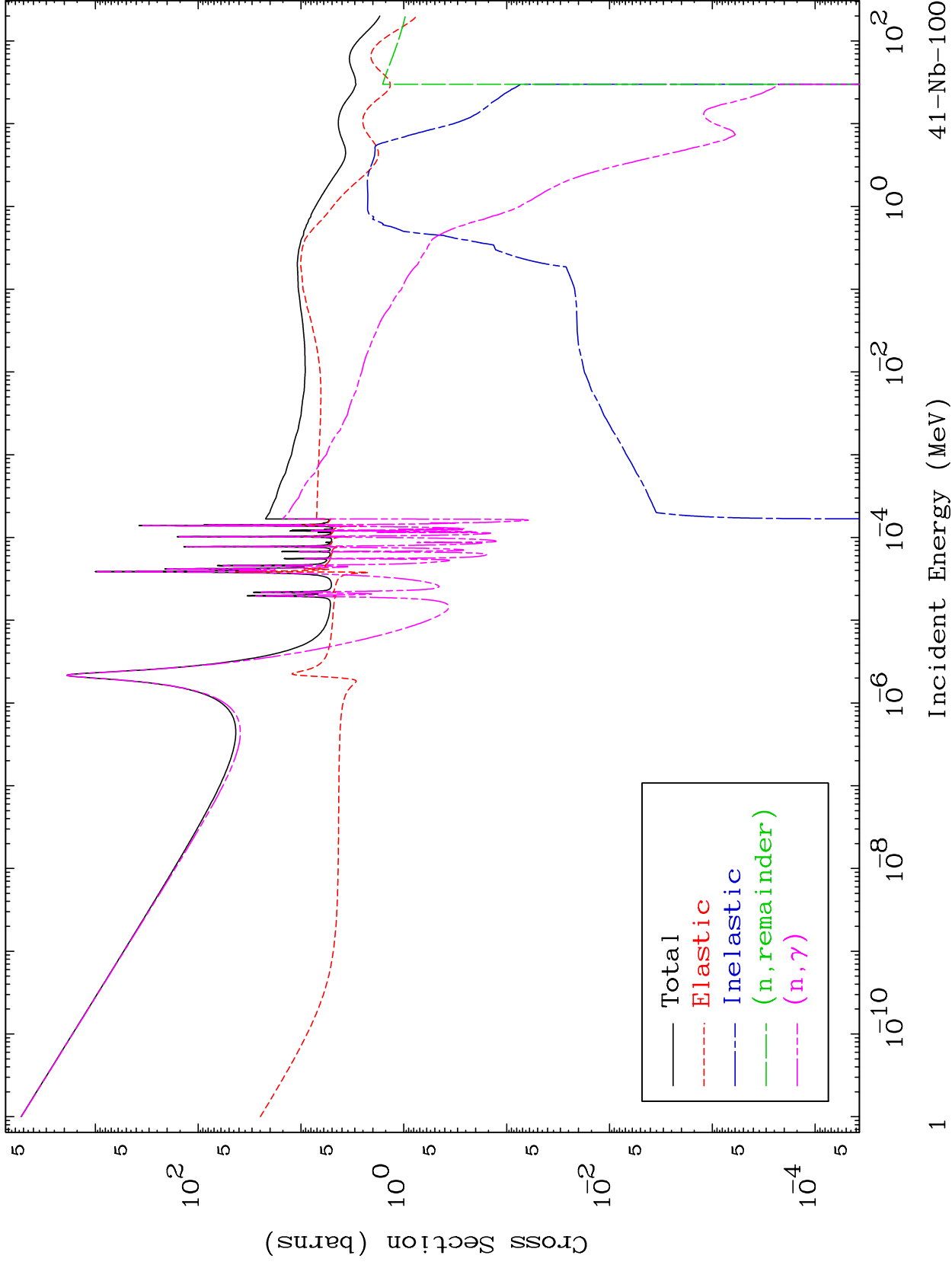
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4147

Major
293 Kelvin Cross Sections

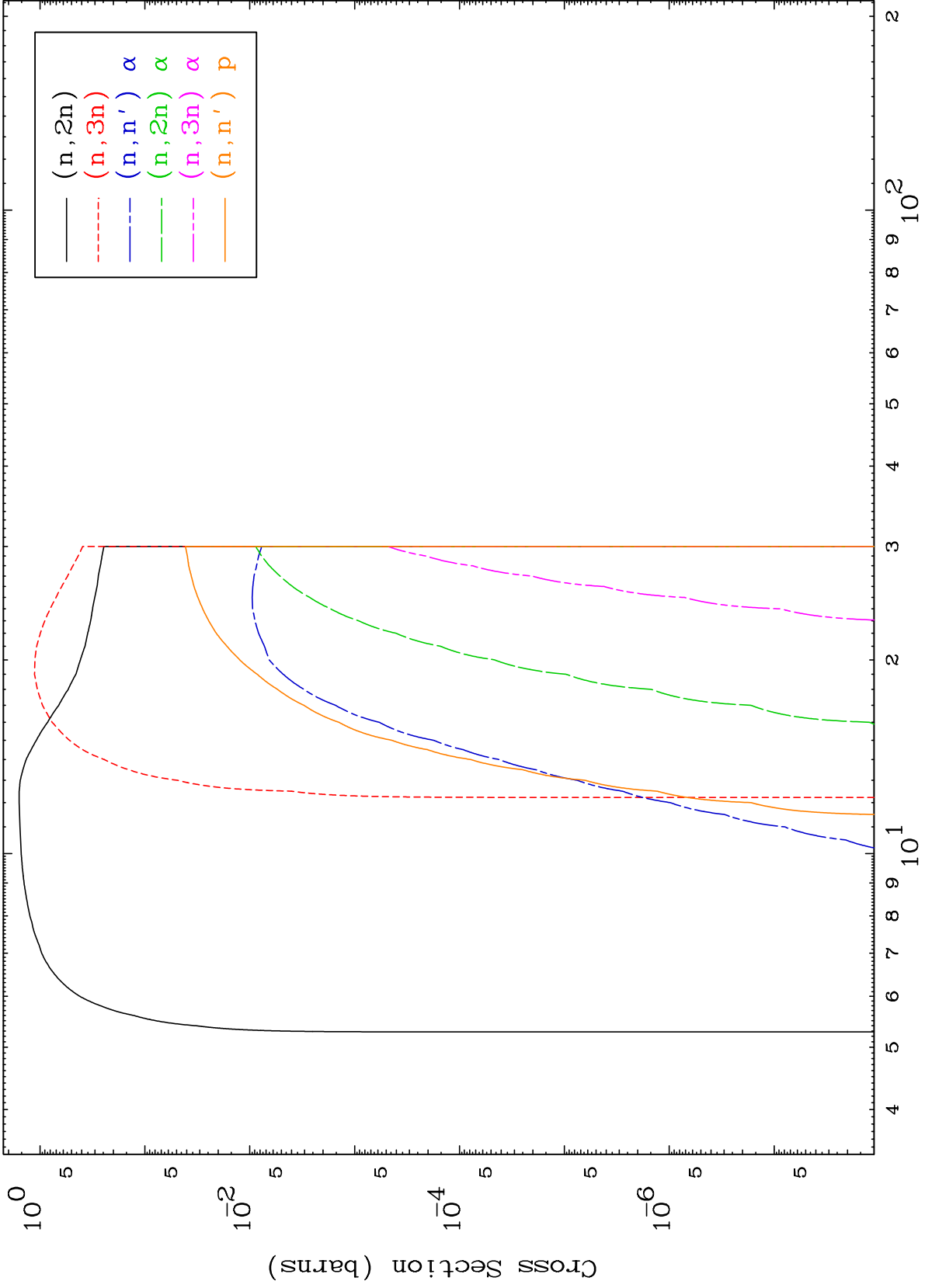
41-Nb-100



MAT 4147

Neutron Production
293 Kelvin Cross Sections

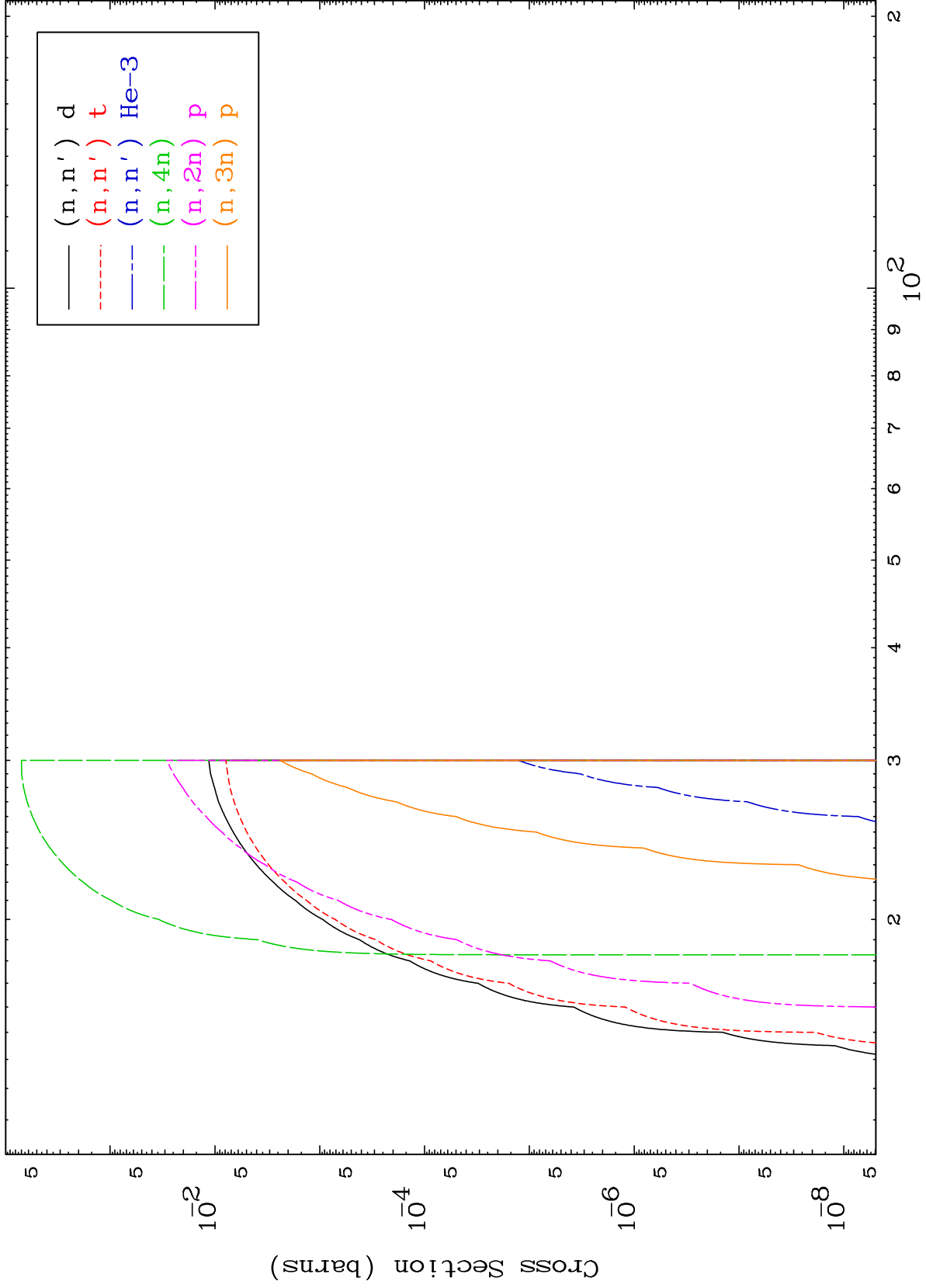
41-Nb-100



2

Incident Energy (MeV)

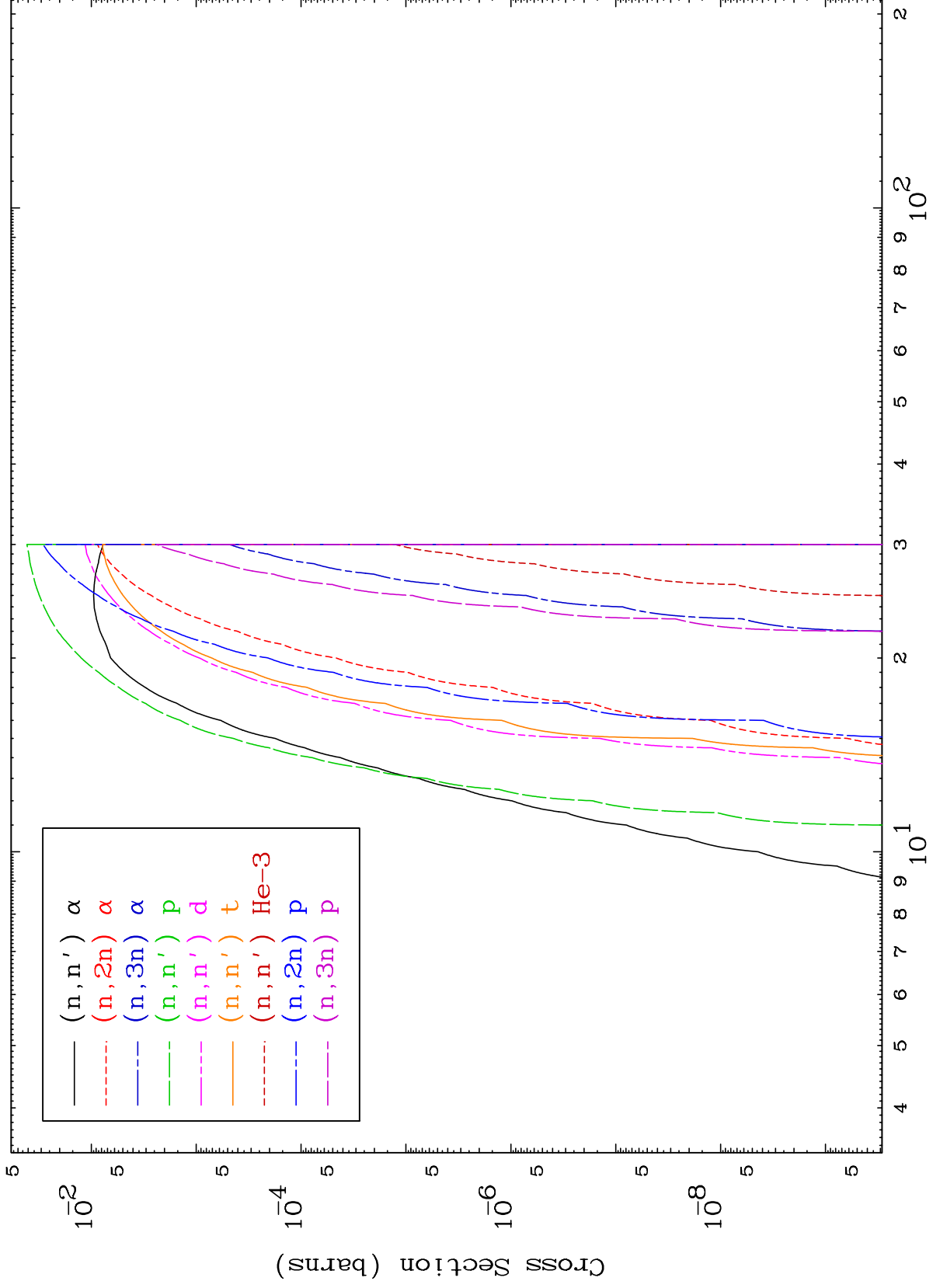
41-Nb-100



MAT 4147

Charged Particle
293 Kelvin Cross Sections

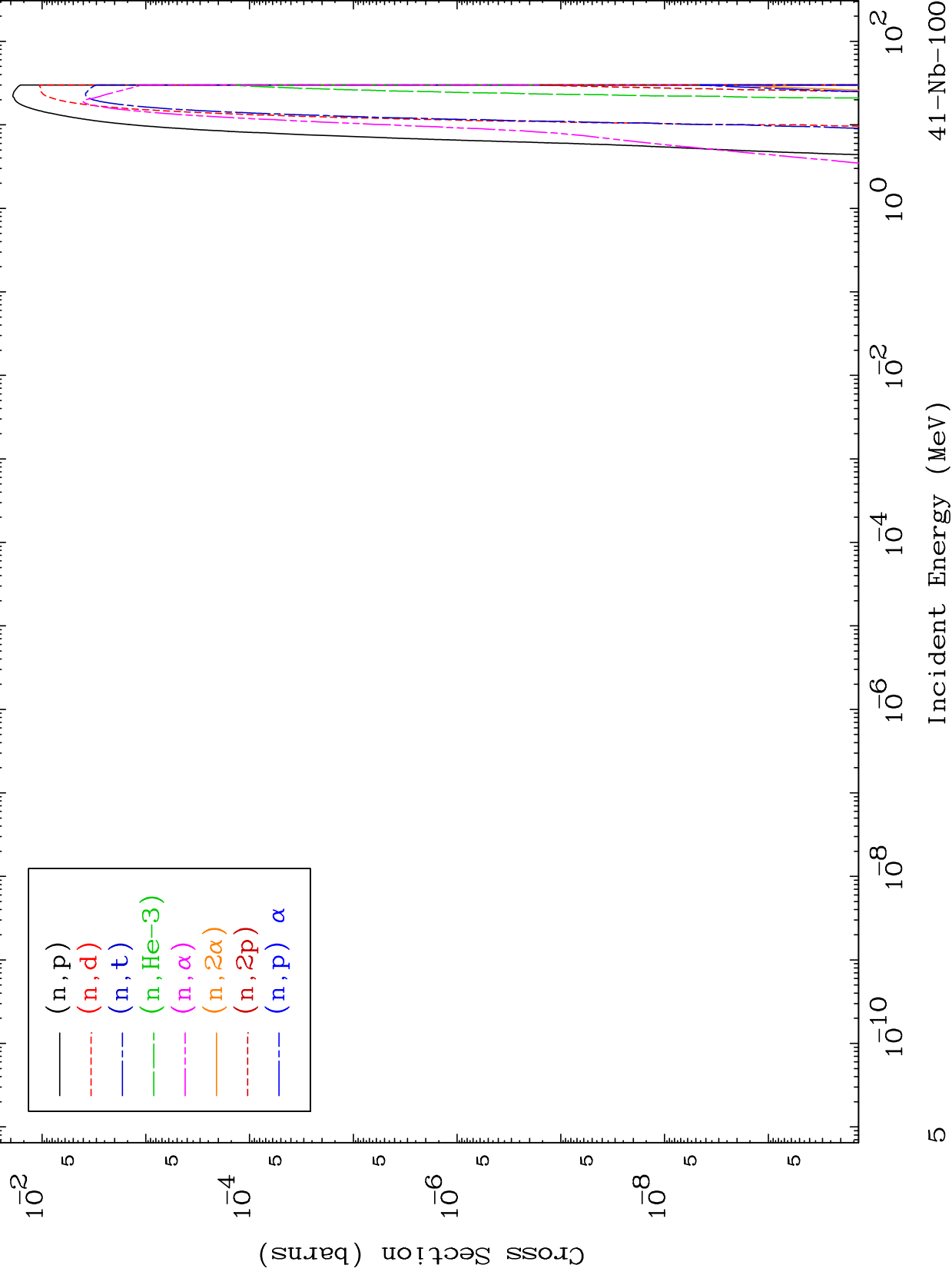
41-Nb-100



MAT 4147

Charged Particle
293 Kelvin Cross Sections

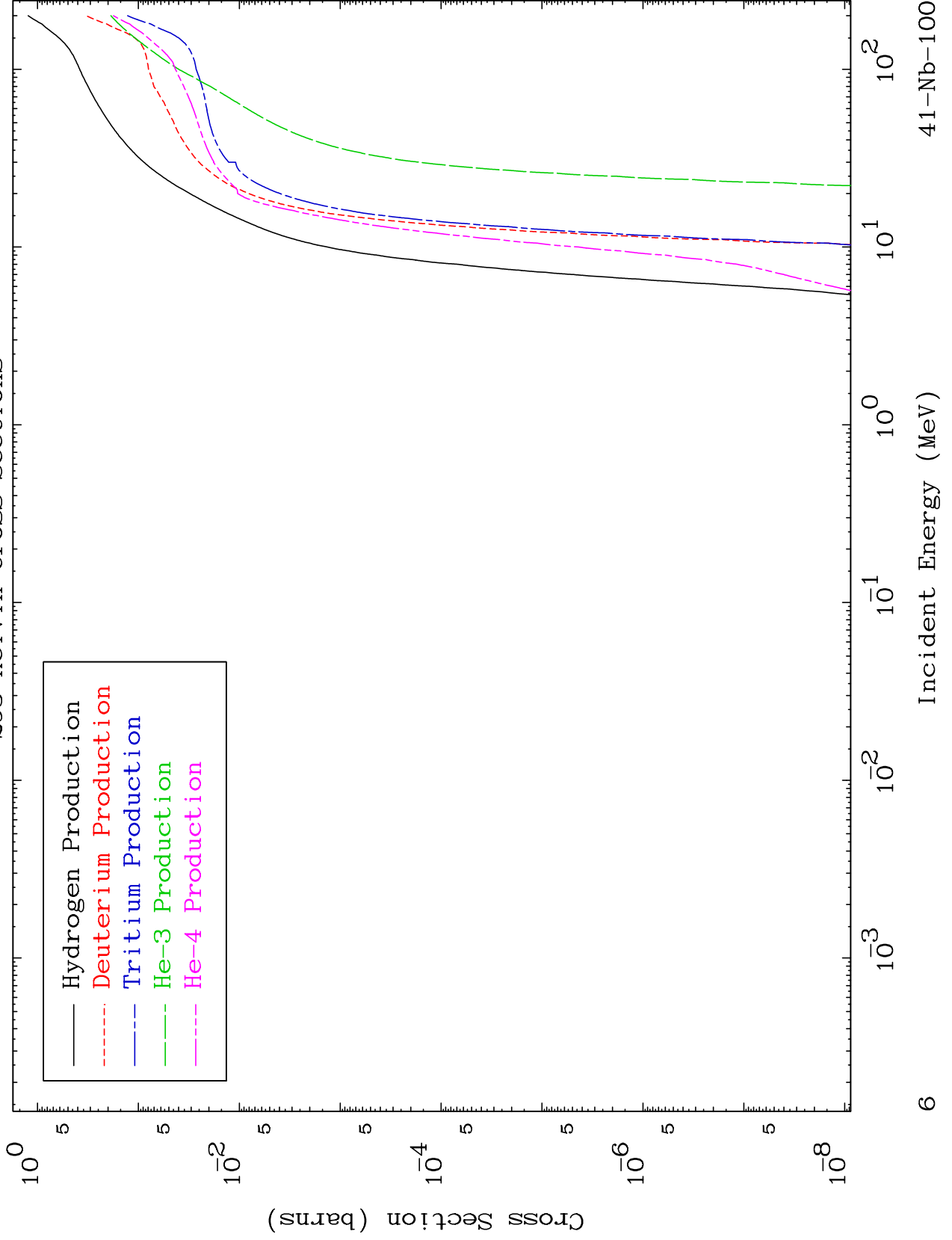
41-Nb-100



MAT 4147

Particle Production
293 Kelvin Cross Sections

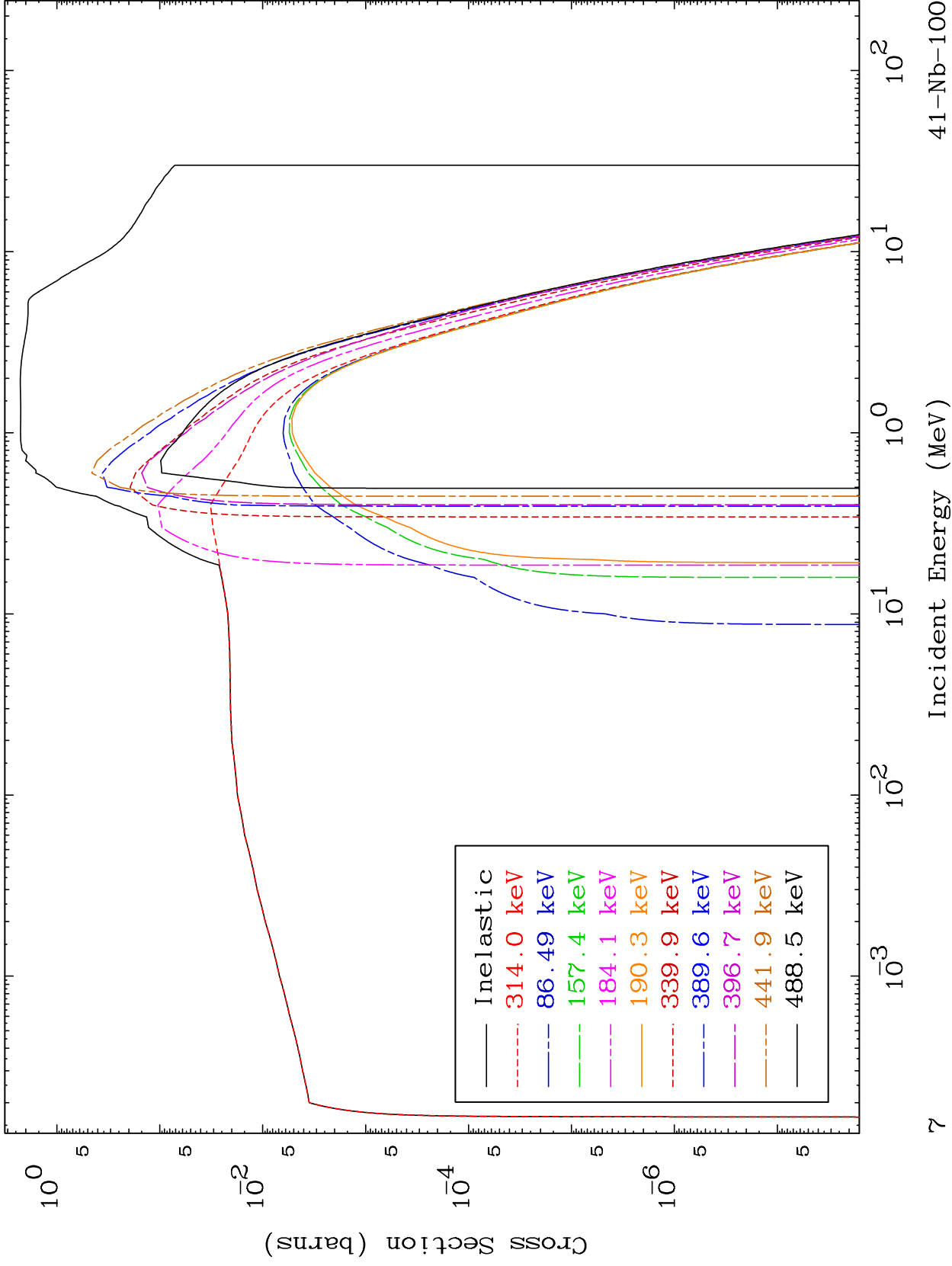
41-Nb-100



MAT 4147

(n,n') Level
293 Kelvin Cross Sections

41-Nb-100

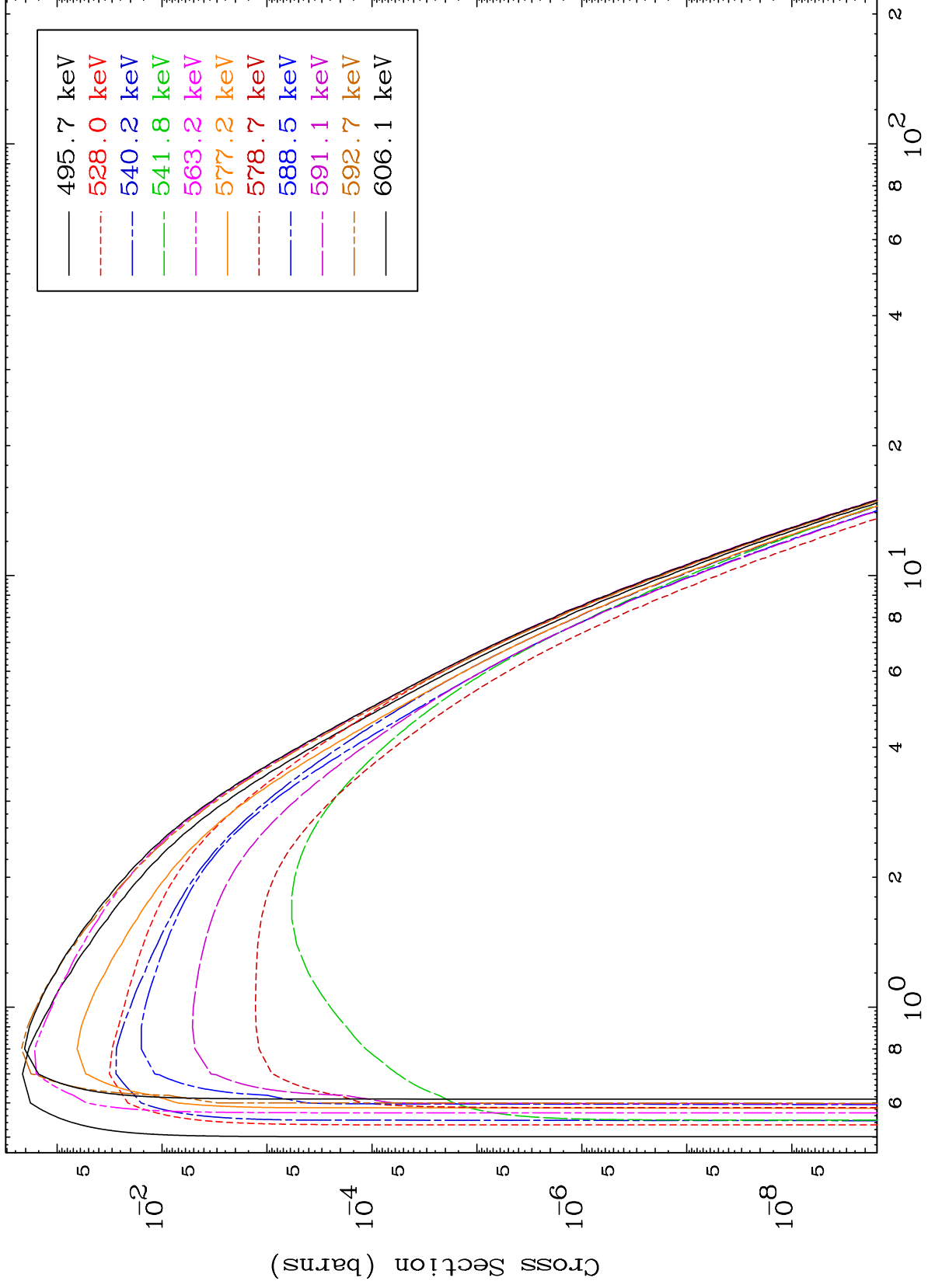


MAT 4147

(n,n') Level

41-Nb-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

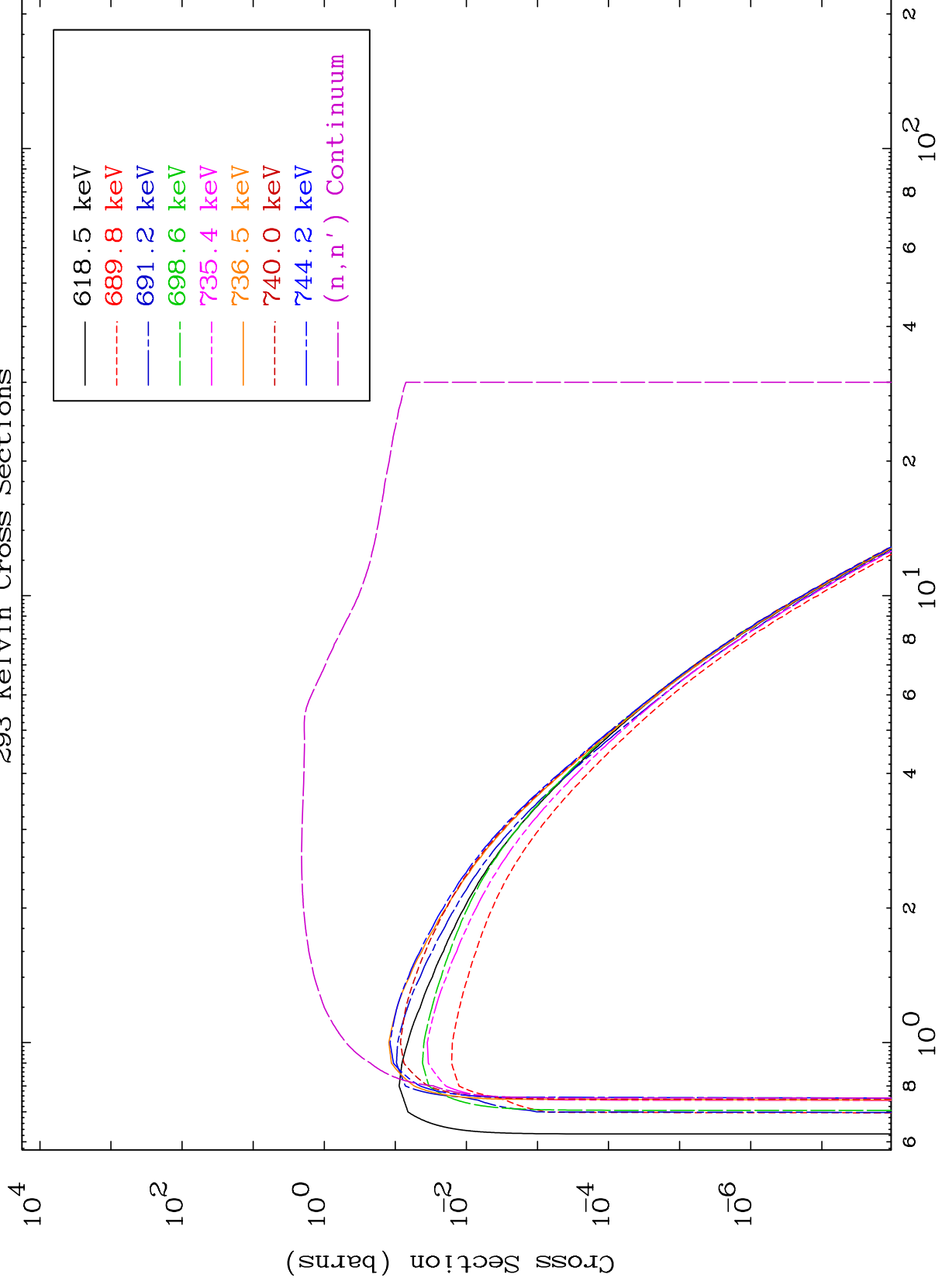
41-Nb-100

MAT 4147

(n,n') Level

41-Nb-100

293 Kelvin Cross Sections



9

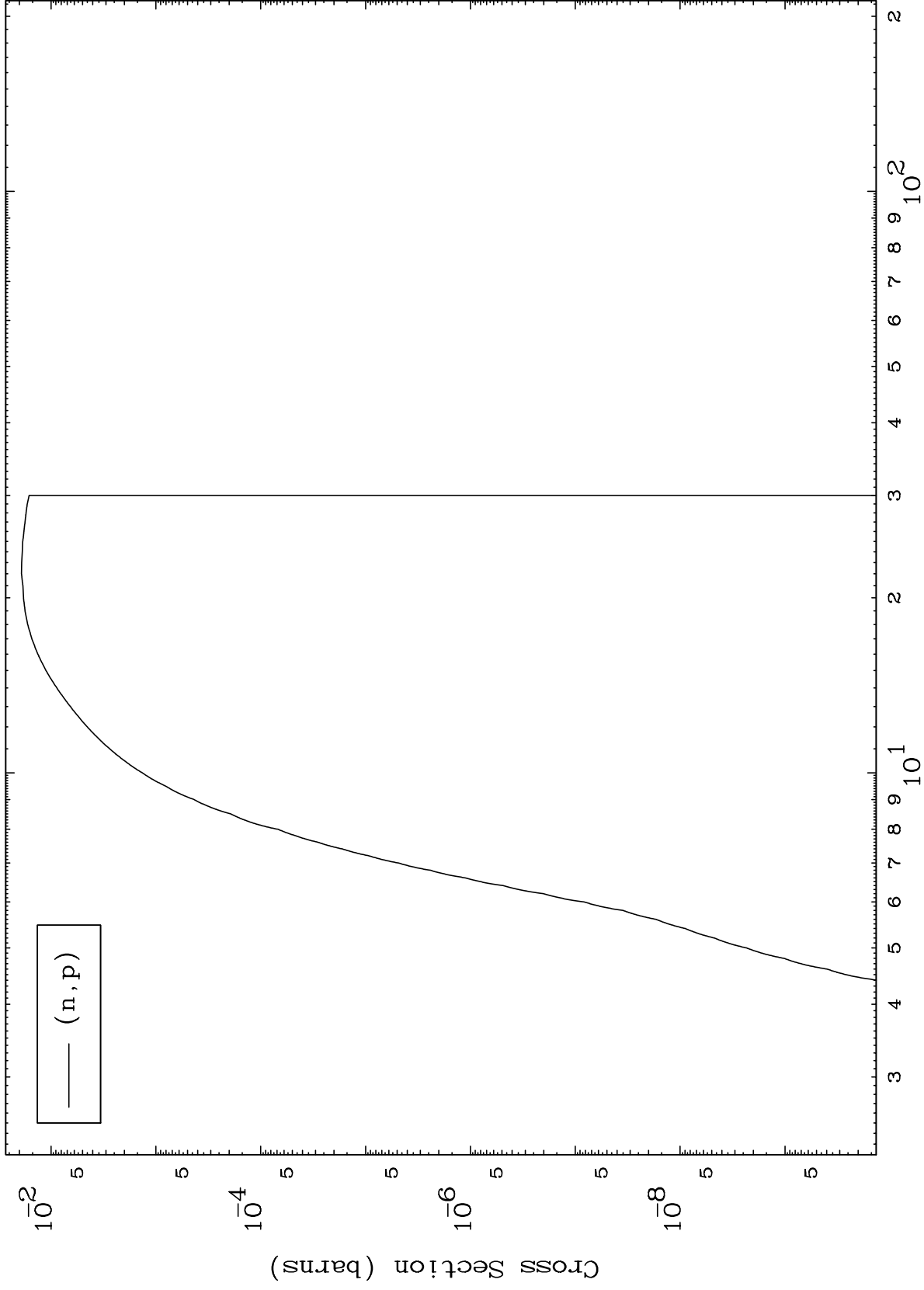
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-100



10

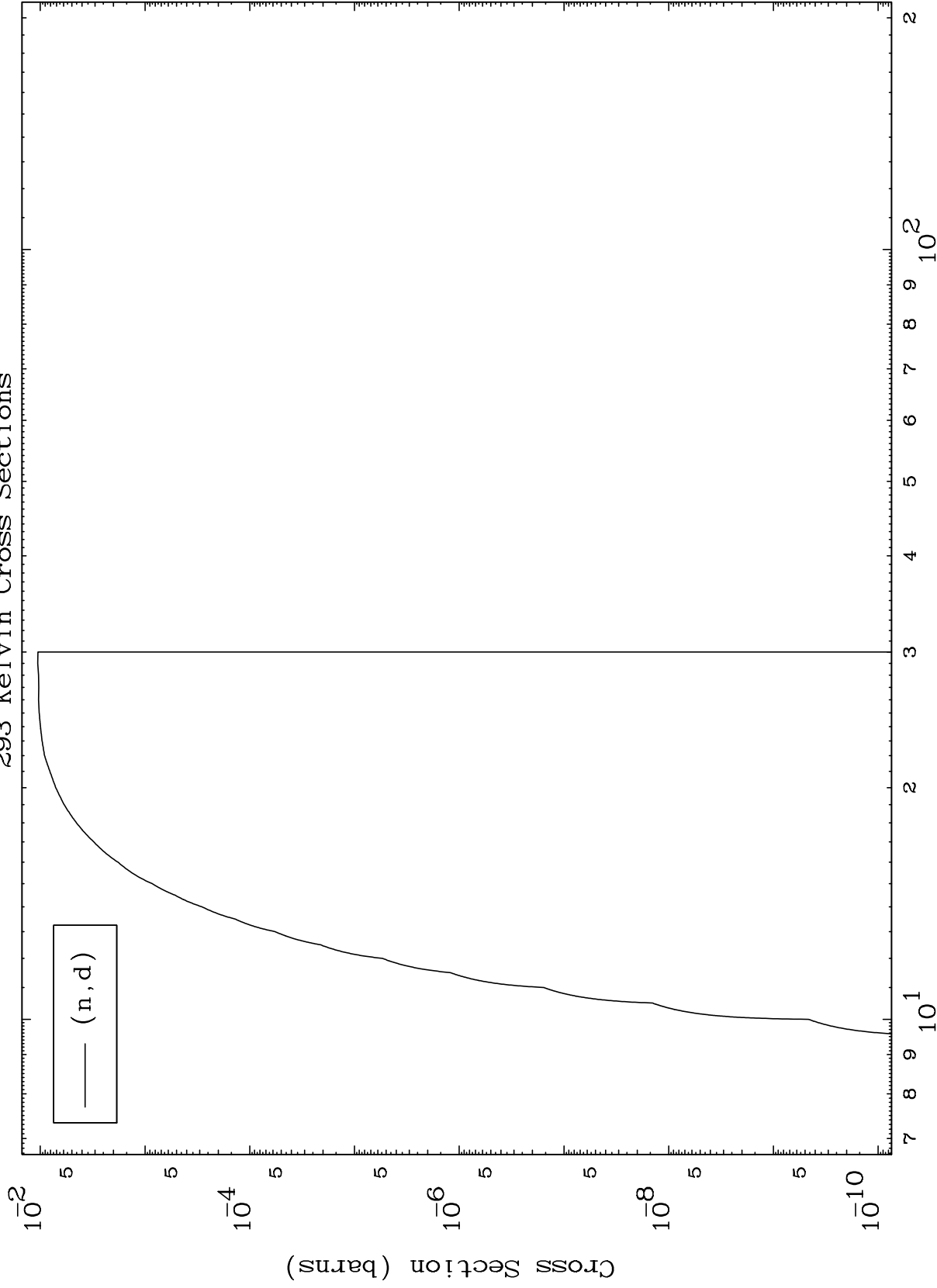
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-100



11

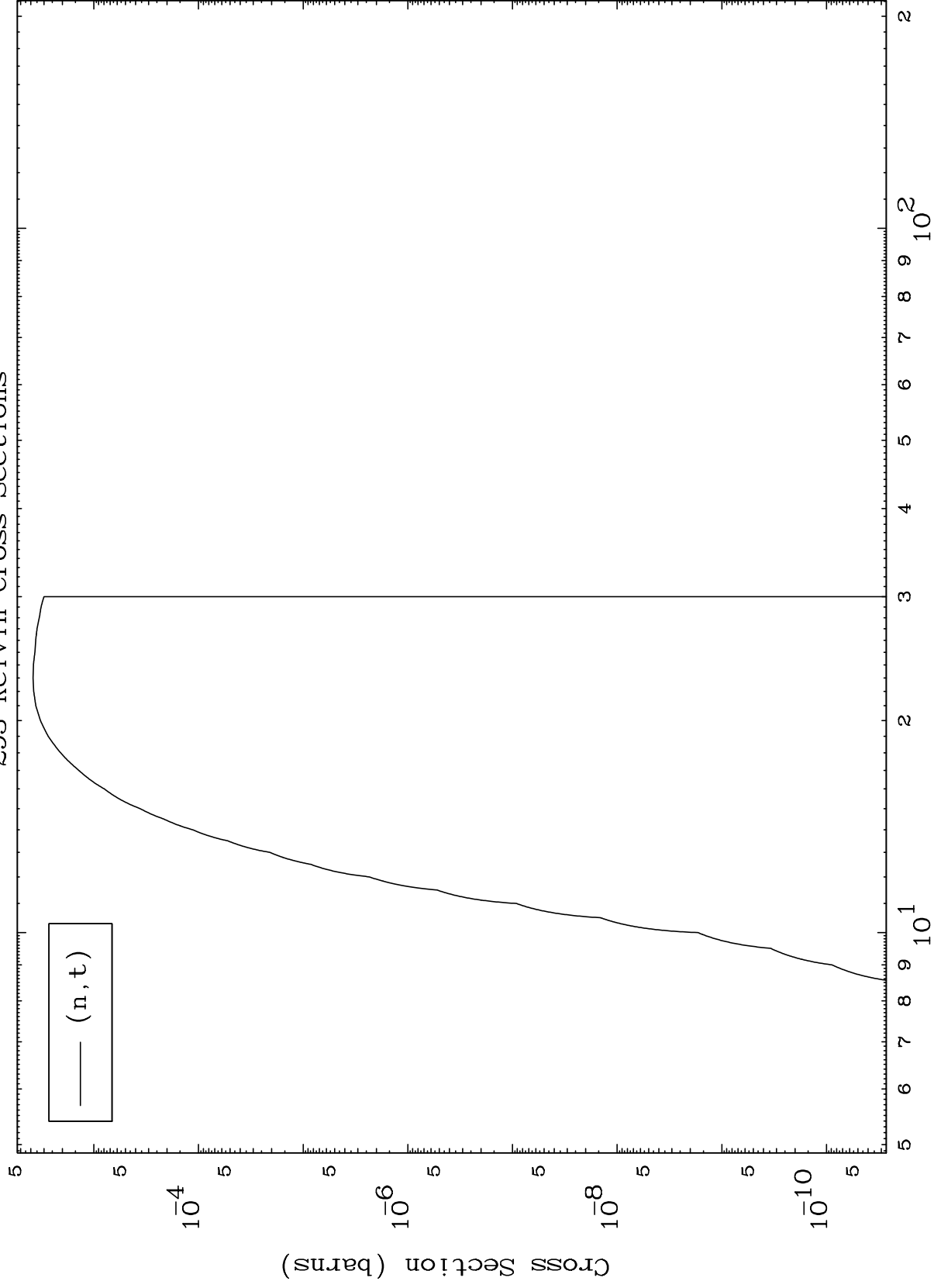
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-100



12

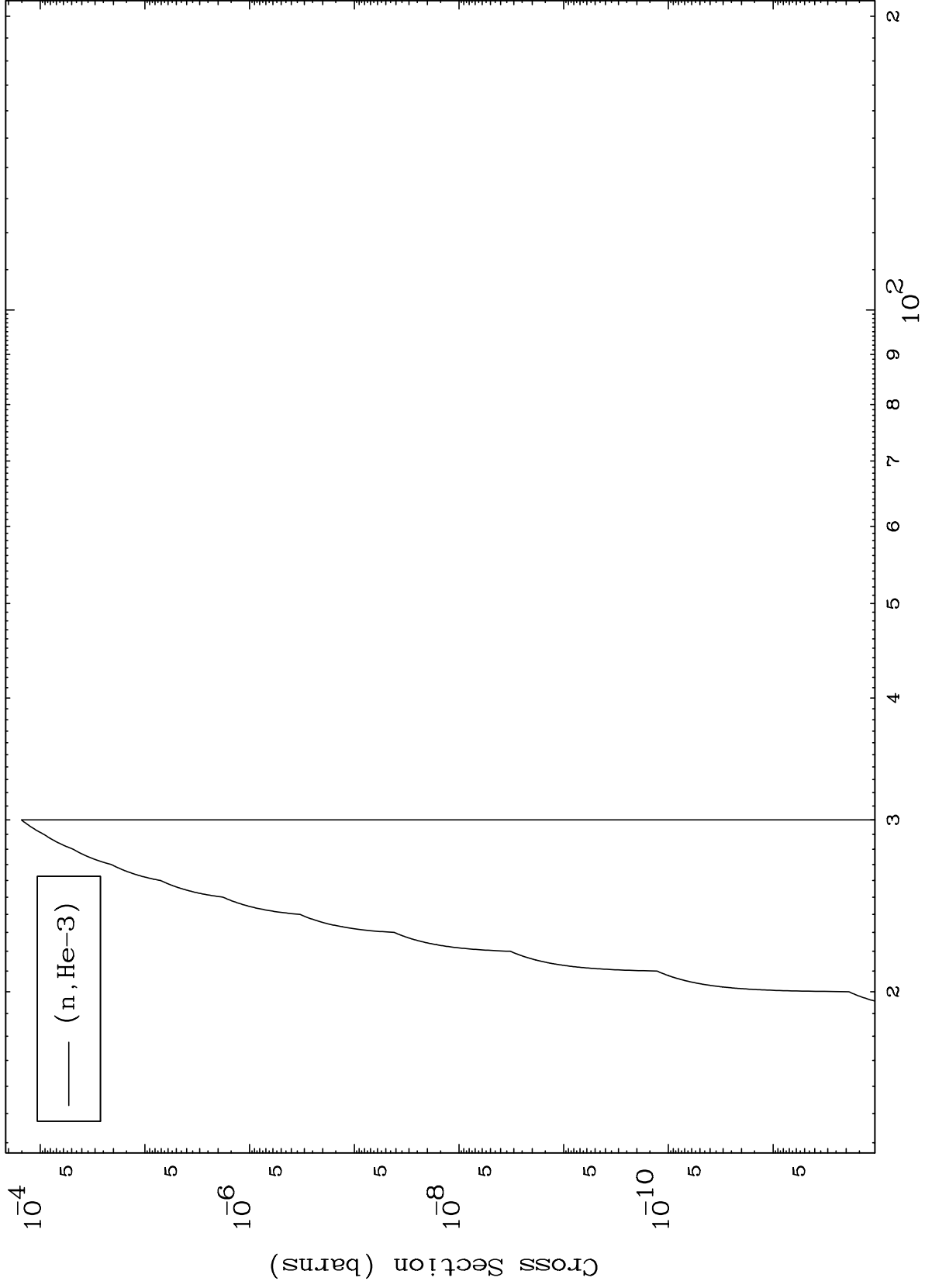
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-100



13

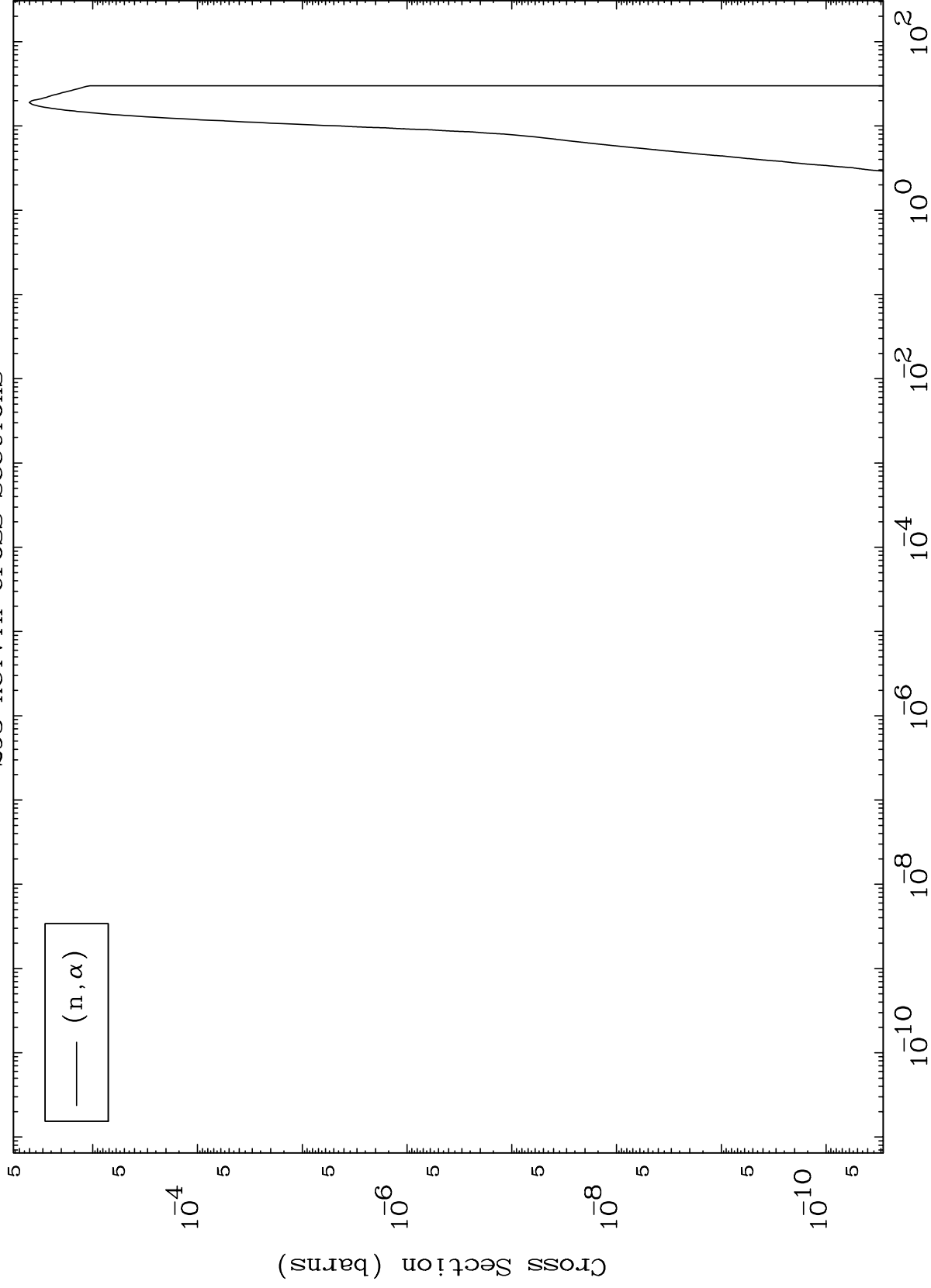
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n, α) Levels
293 Kelvin Cross Sections

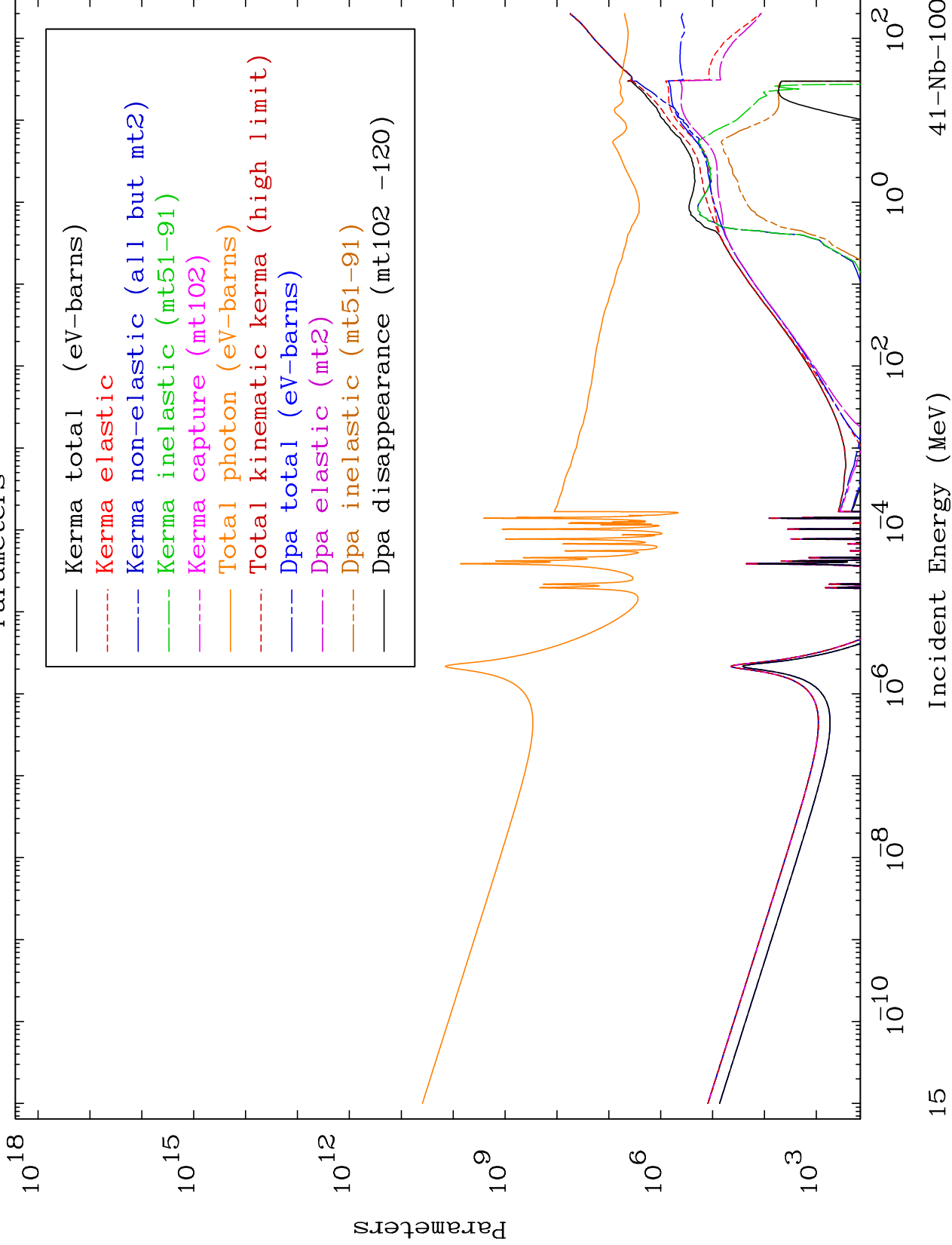
41-Nb-100



14

Incident Energy (MeV)

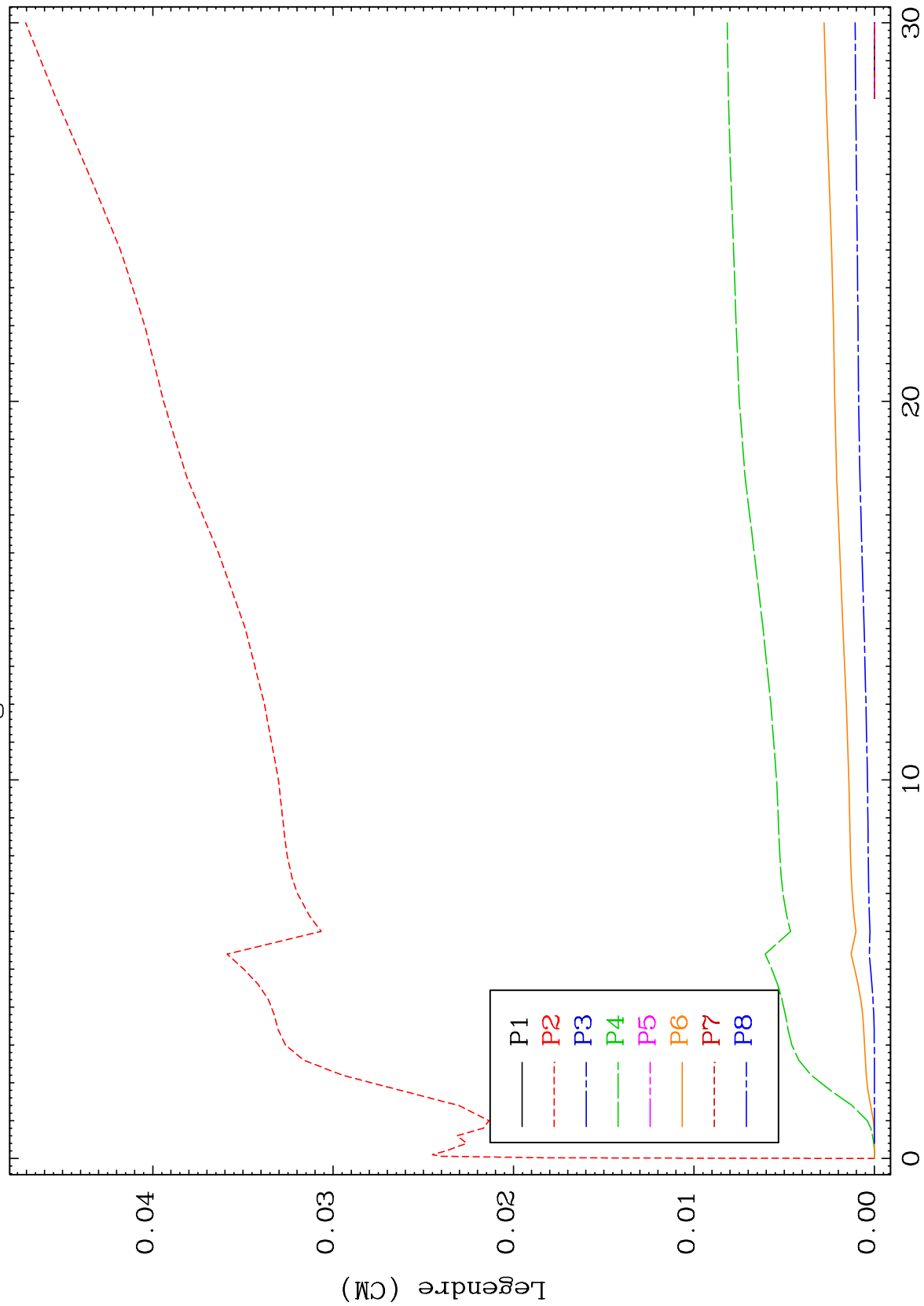
41-Nb-100



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Elastic Legendre Coefficients

41-Nb-100



16

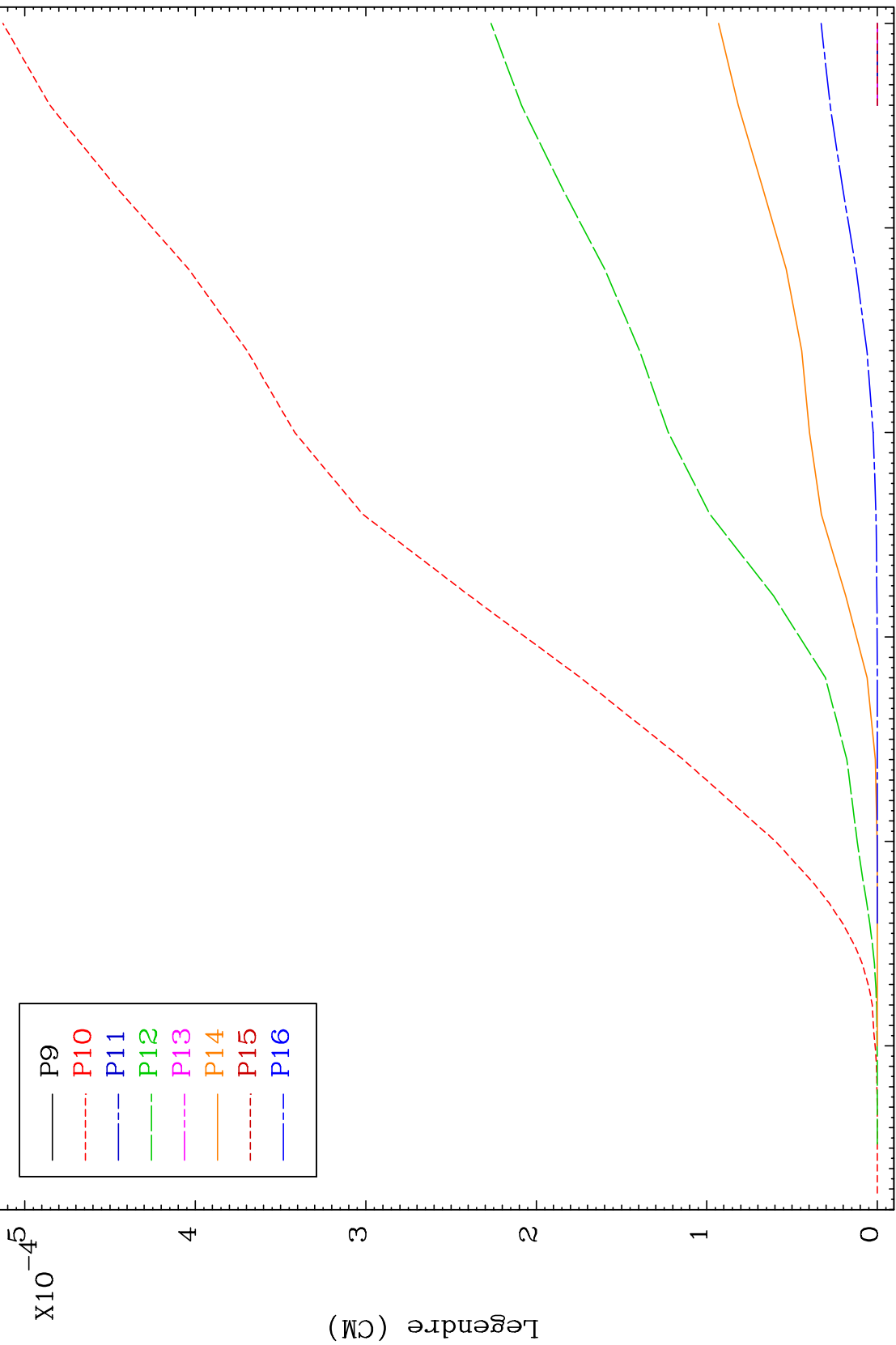
Incident Energy (MeV)

41-Nb-100

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Elastic
Legendre Coefficients

41-Nb-100



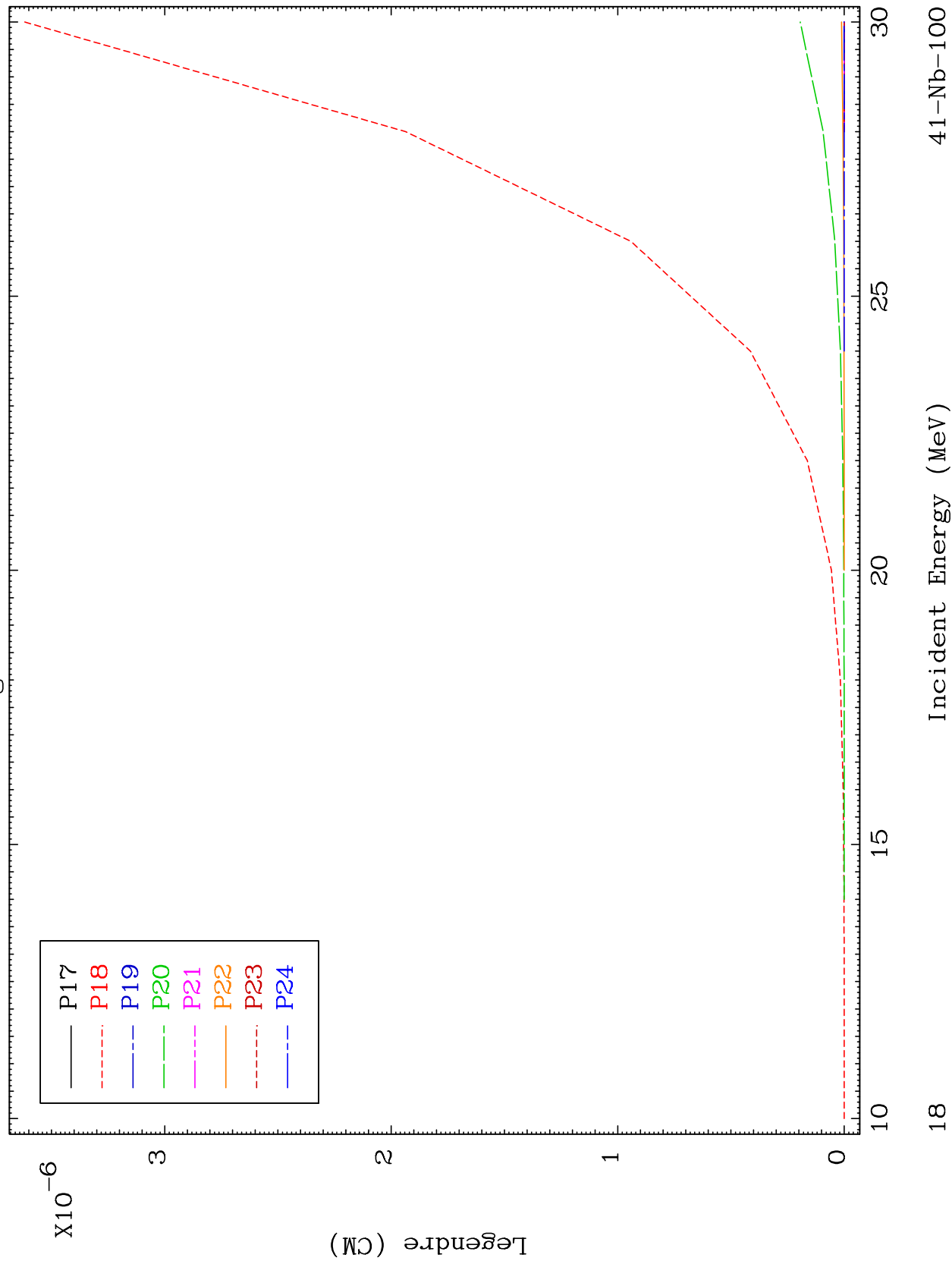
17

41-Nb-100

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Elastic
Legendre Coefficients

41-Nb-100



18

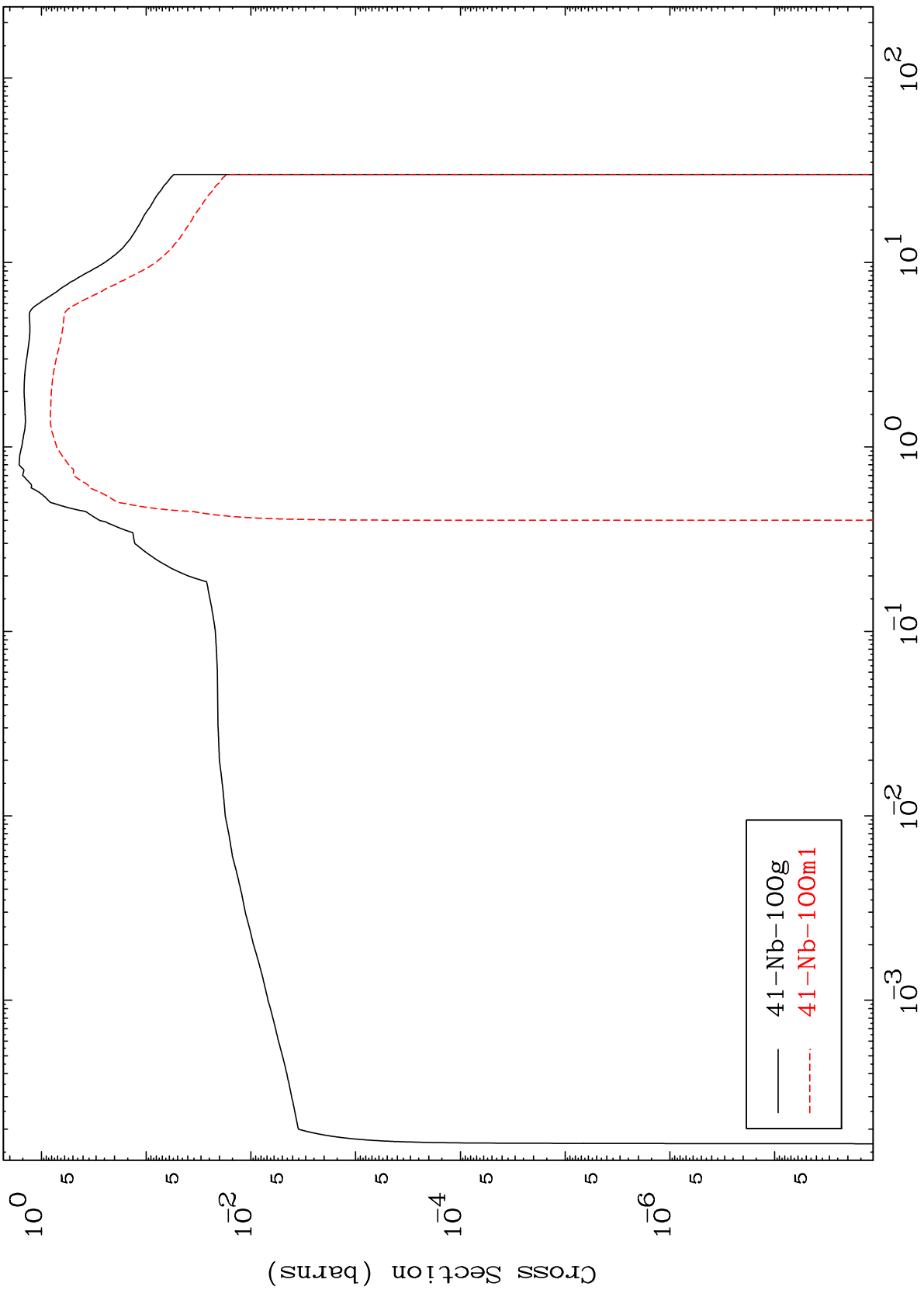
Incident Energy (MeV)

41-Nb-100

MAT 4147

41-Nb-100

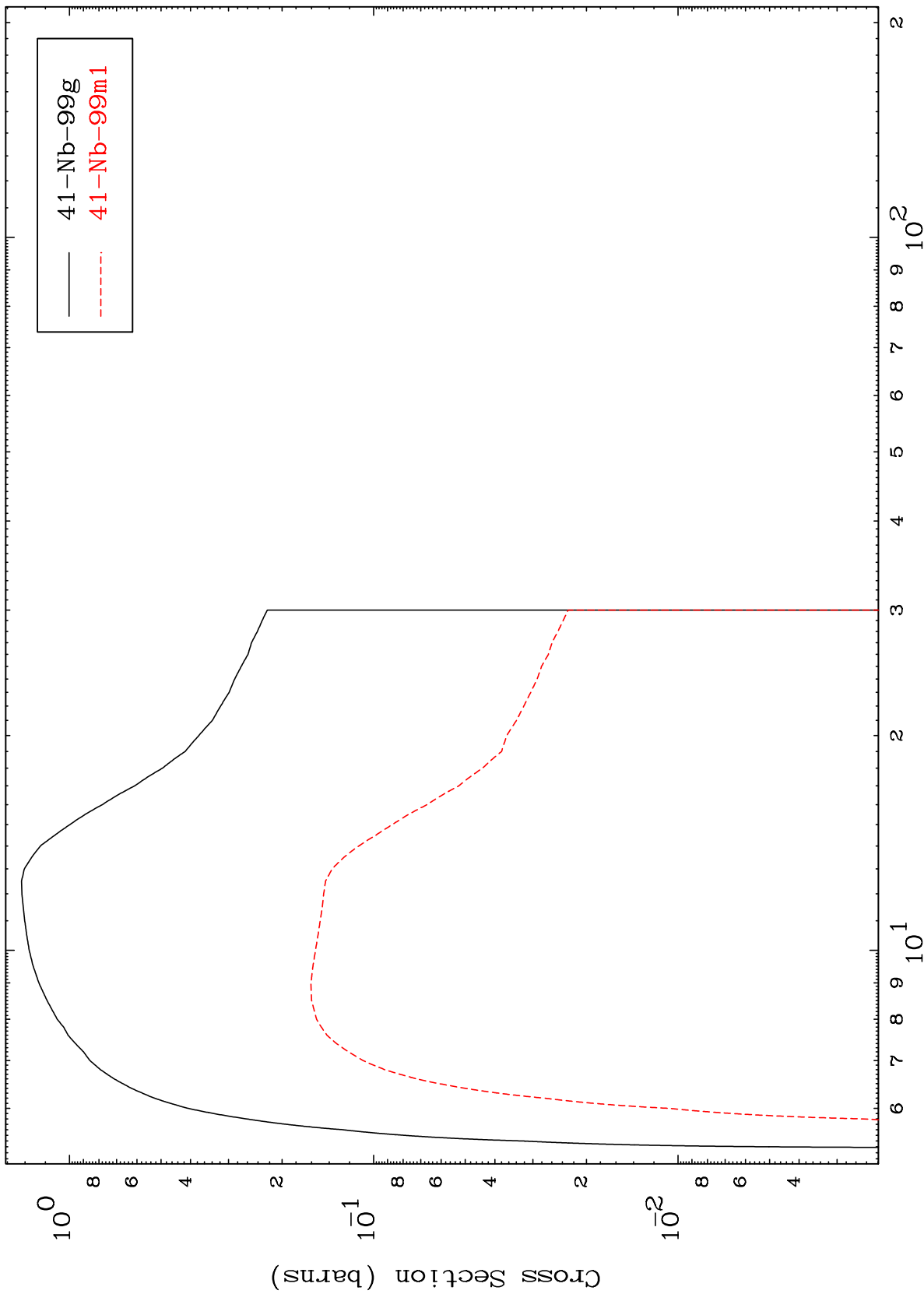
Inelastic
Radionuclide Production Cross Section



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41-Nb-100

(n,2n)
Radionuclide Production Cross Section



41-Nb-99g
41-Nb-99m1

20

Incident Energy (MeV)

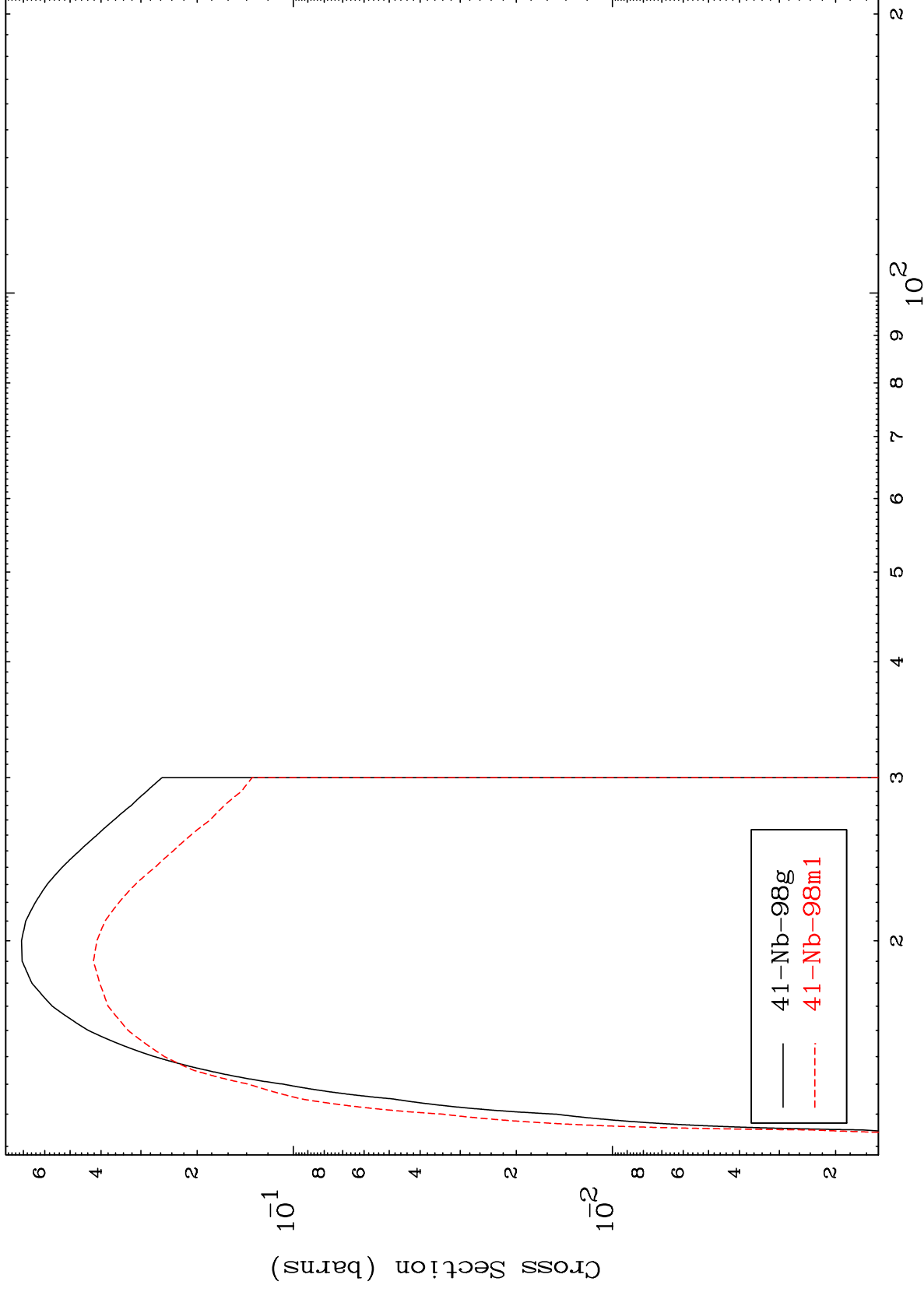
41-Nb-100

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(n,3n)

41-Nb-100

Radionuclide Production Cross Section



21

Incident Energy (MeV)

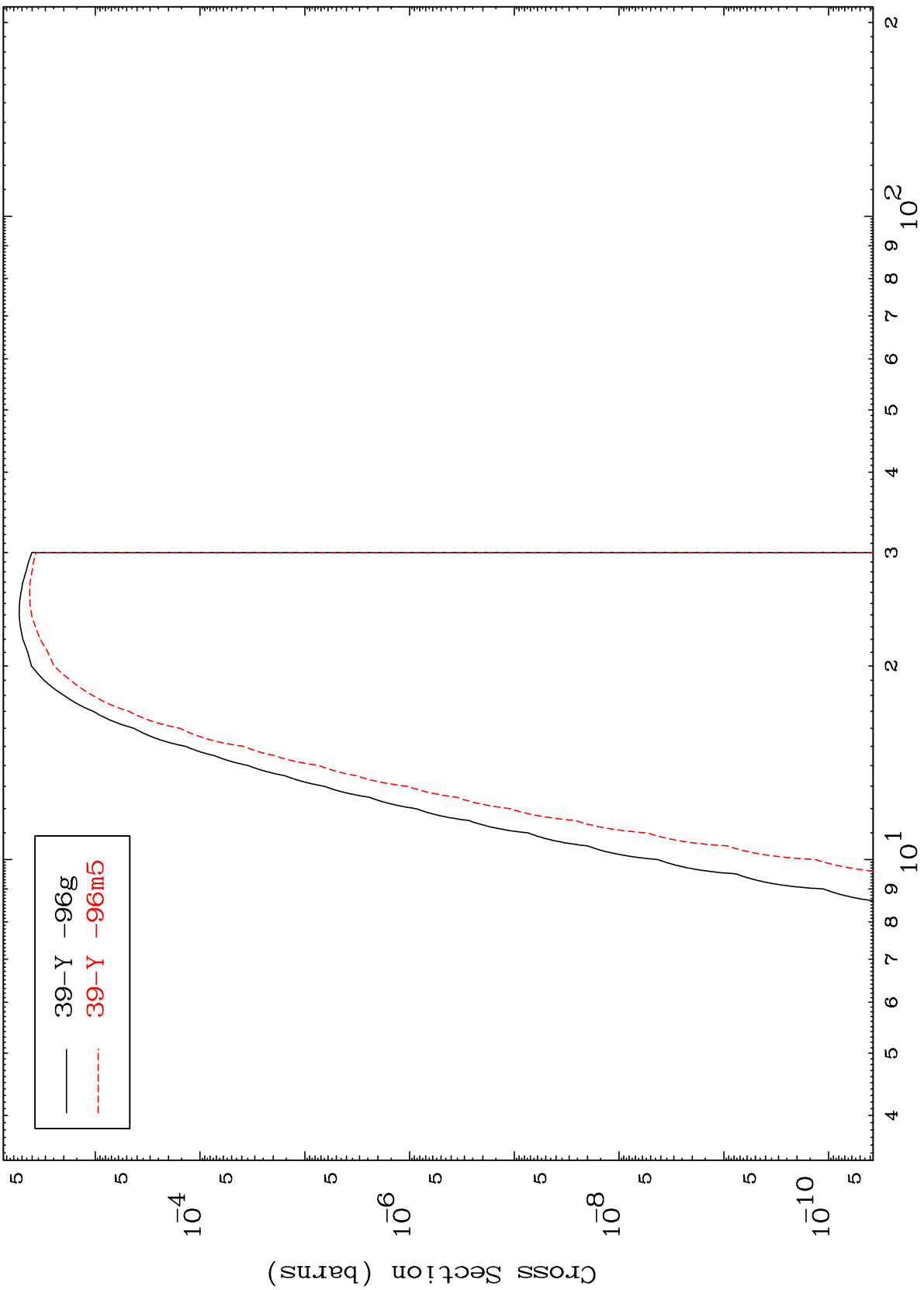
41-Nb-100

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$(n, n') \alpha$

41-Nb-100

Radionuclide Production Cross Section



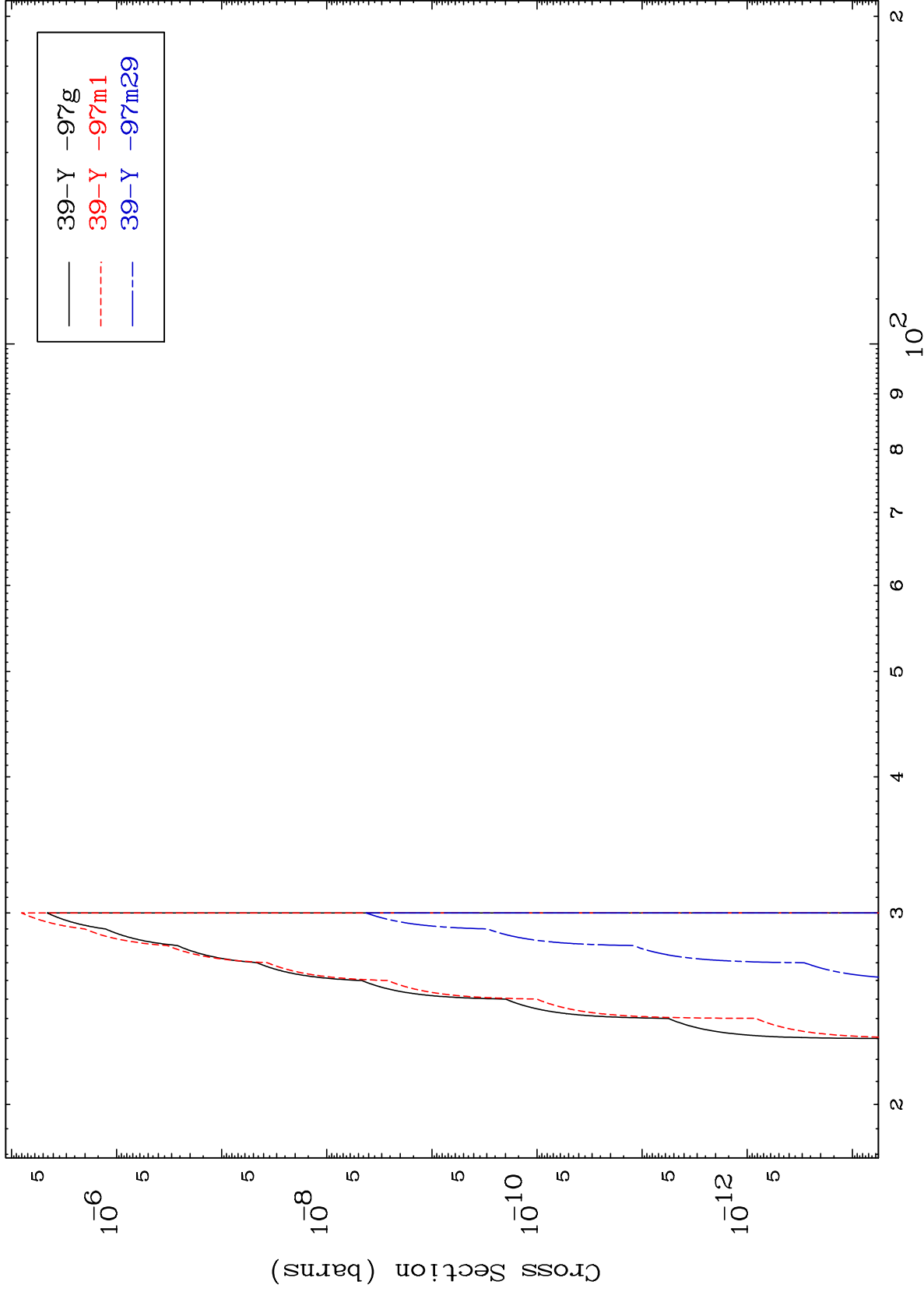
— 39-Y -96g
- - - 39-Y -96m5

22

Incident Energy (MeV)

41-Nb-100

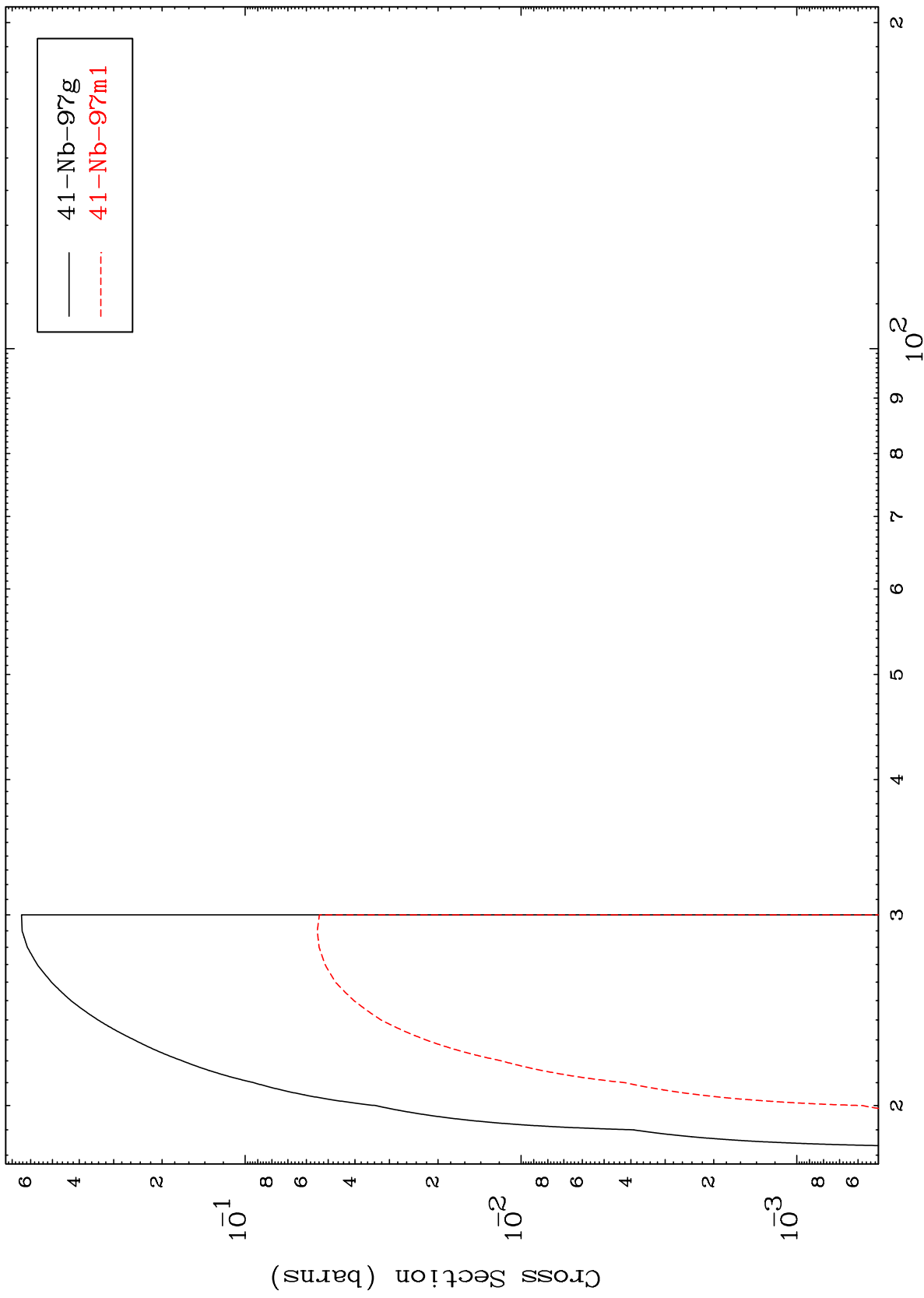
Radionuclide Production Cross Section



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41-Nb-100

(n,4n)
Radionuclide Production Cross Section



24

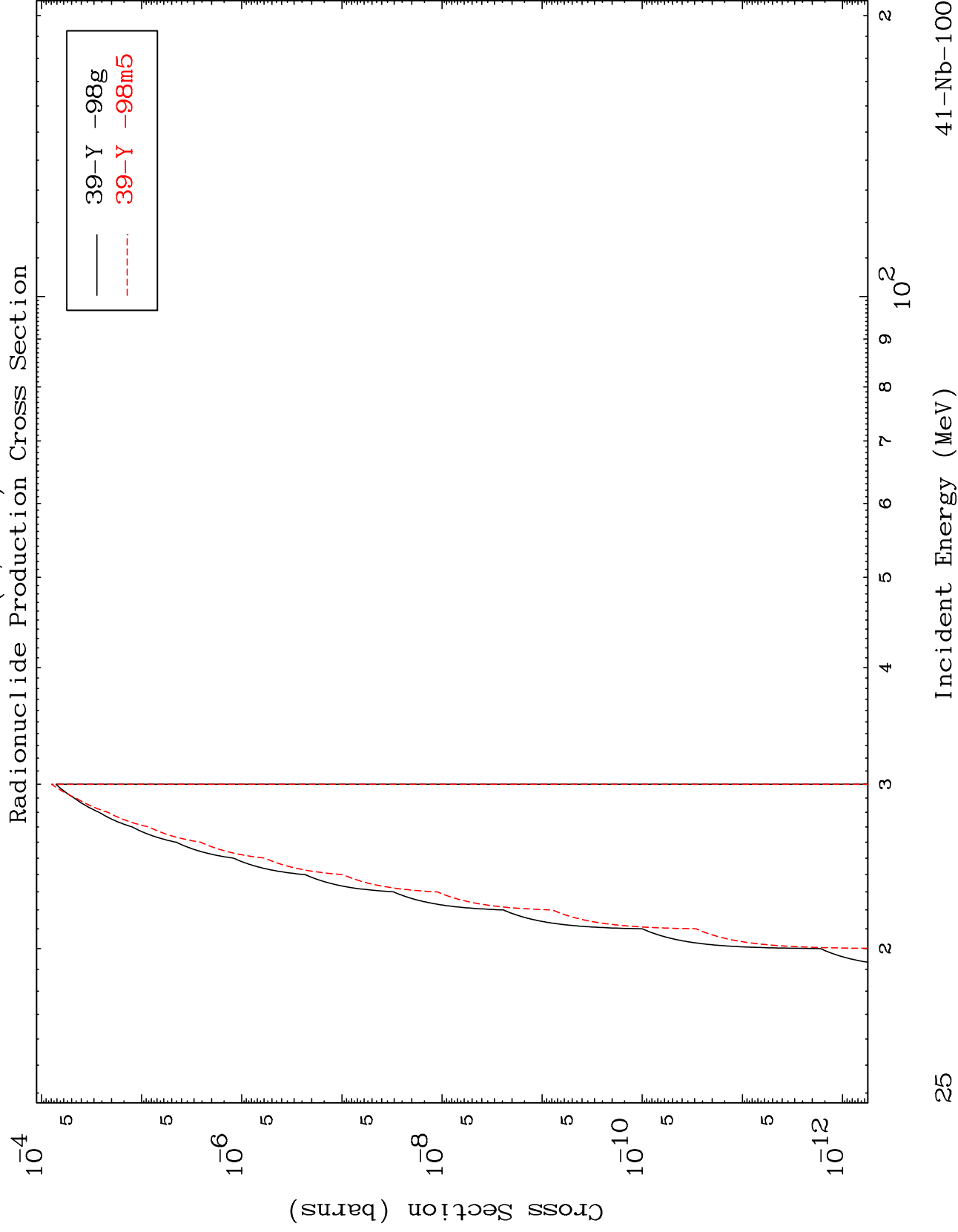
Incident Energy (MeV)

41-Nb-100

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(n,He-3)

41-Nb-100



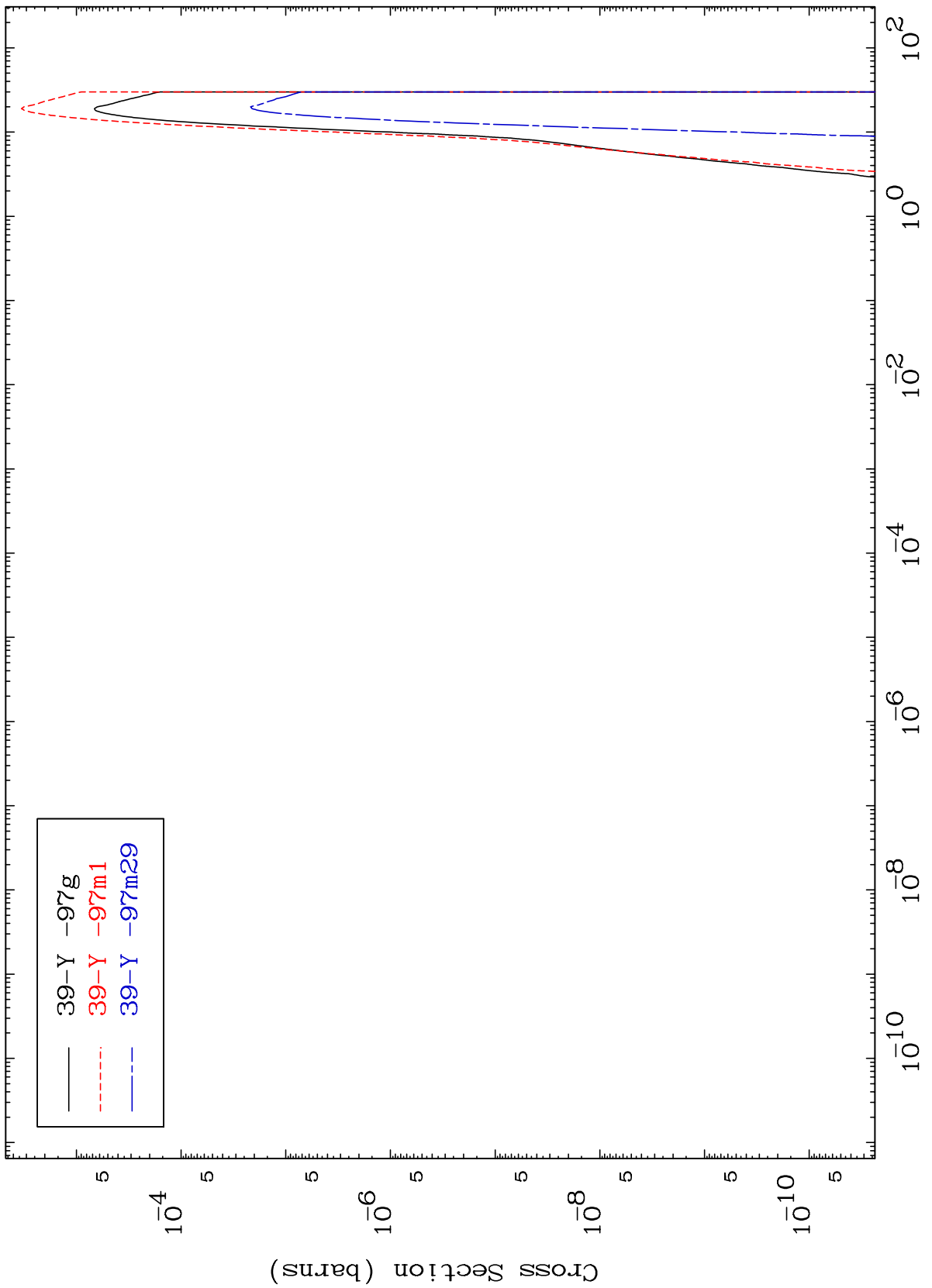
25

41-Nb-100

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41-Nb-100

Radionuclide Production Cross Section



26

41-Nb-100