

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

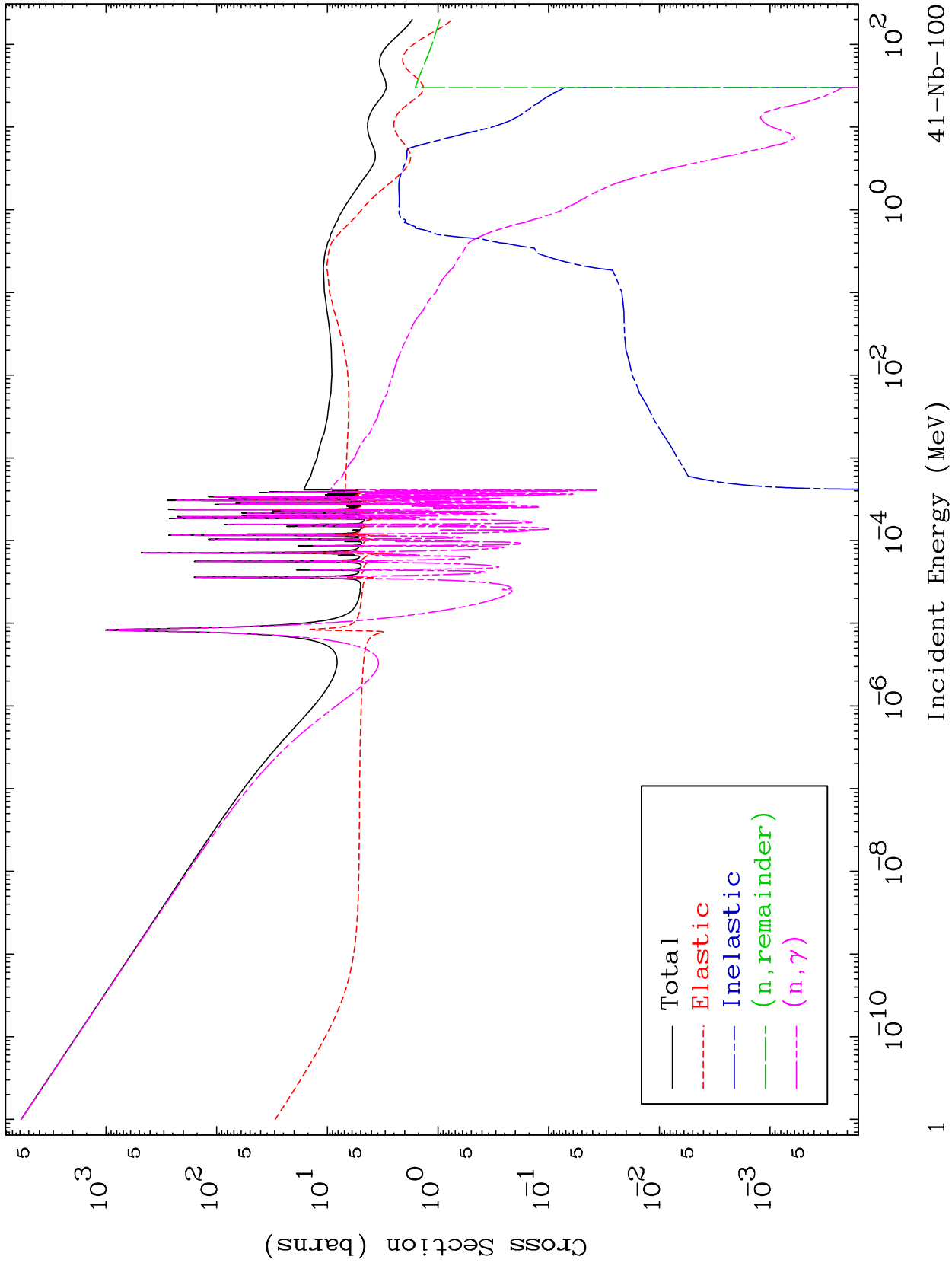
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4147

Major
293 Kelvin Cross Sections

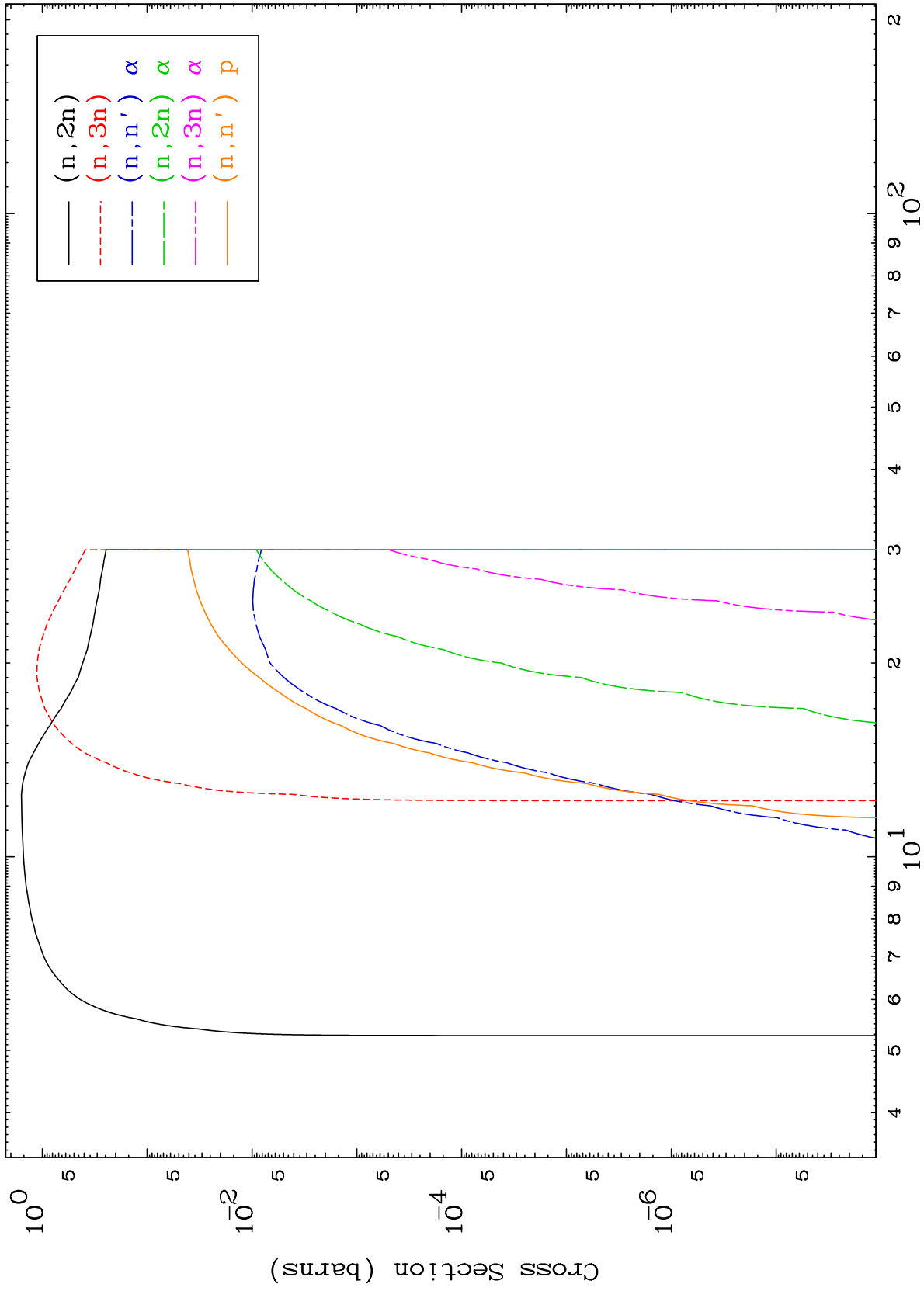
41-Nb-100



MAT 4147

Neutron Production
293 Kelvin Cross Sections

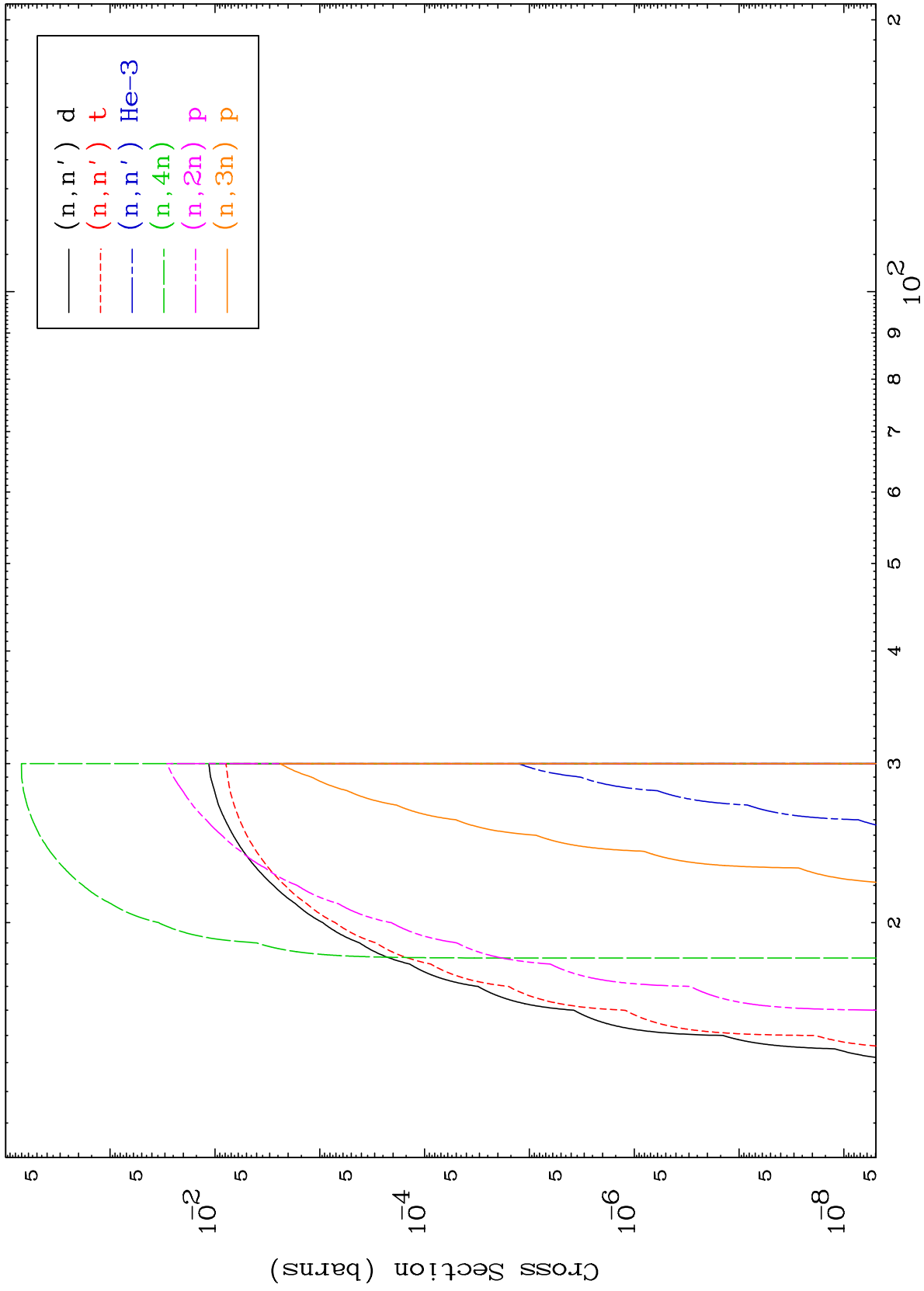
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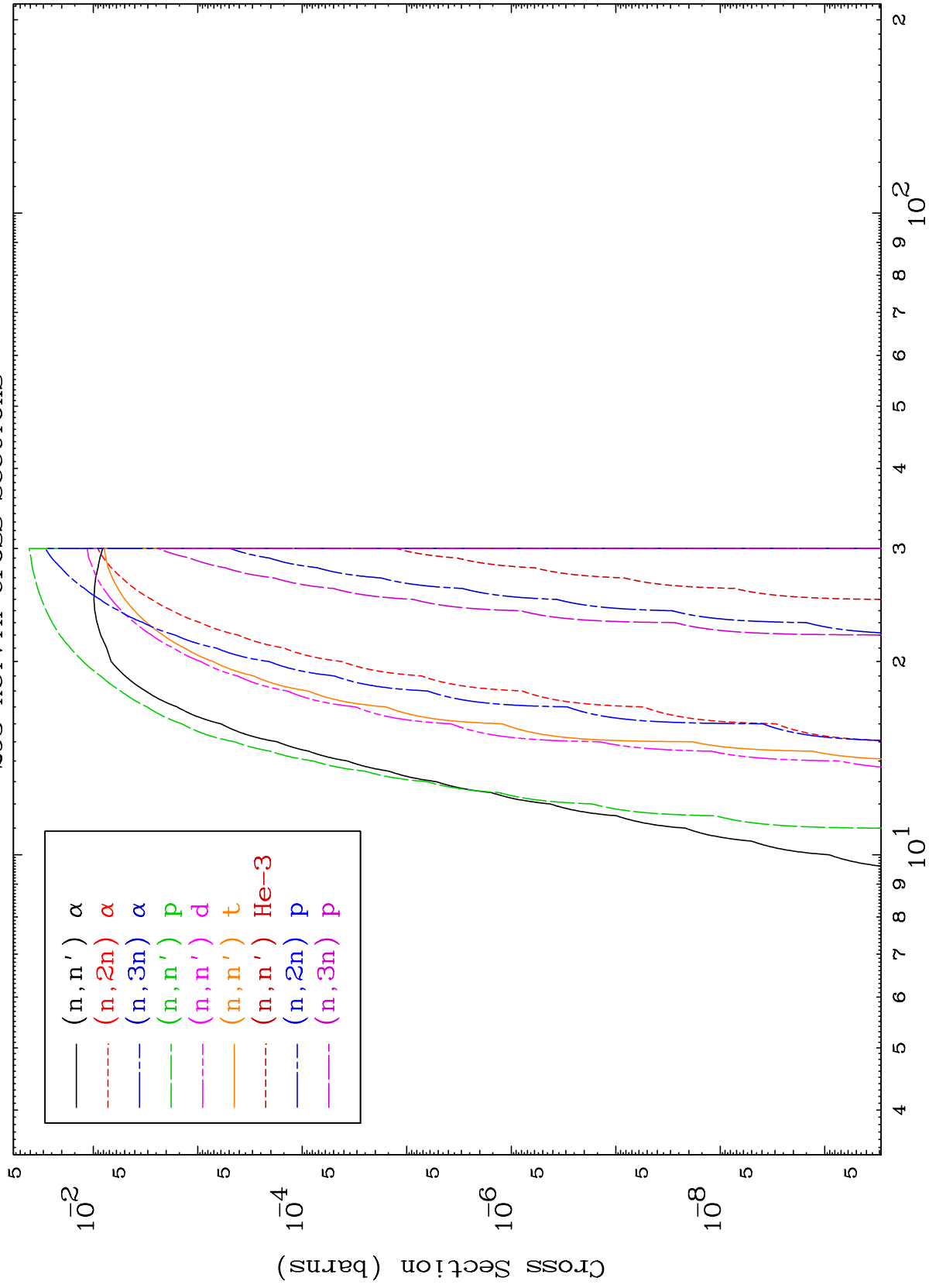


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Incident Energy (MeV)

41-Nb-100

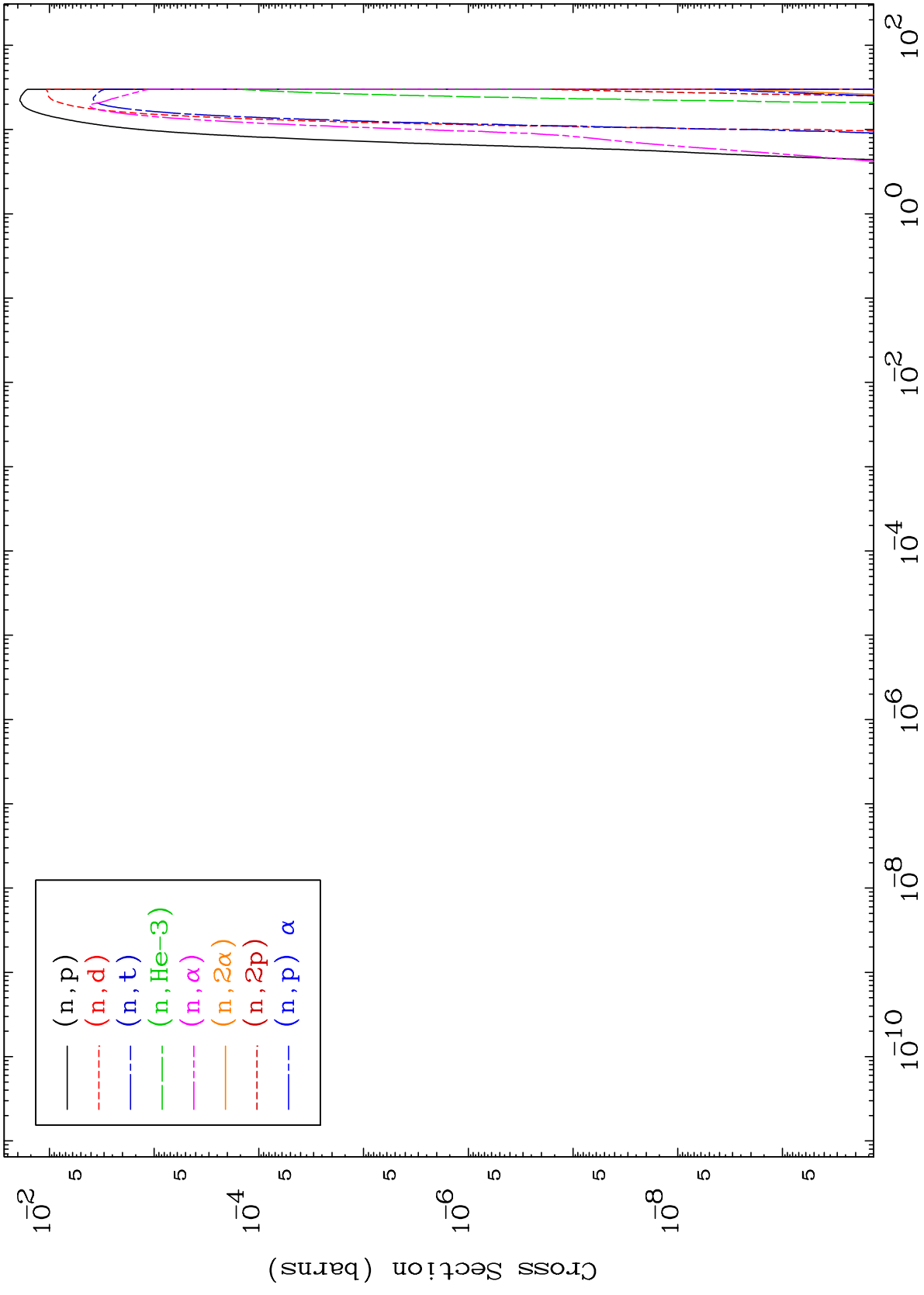




MAT 4147

293 Kelvin Cross Sections

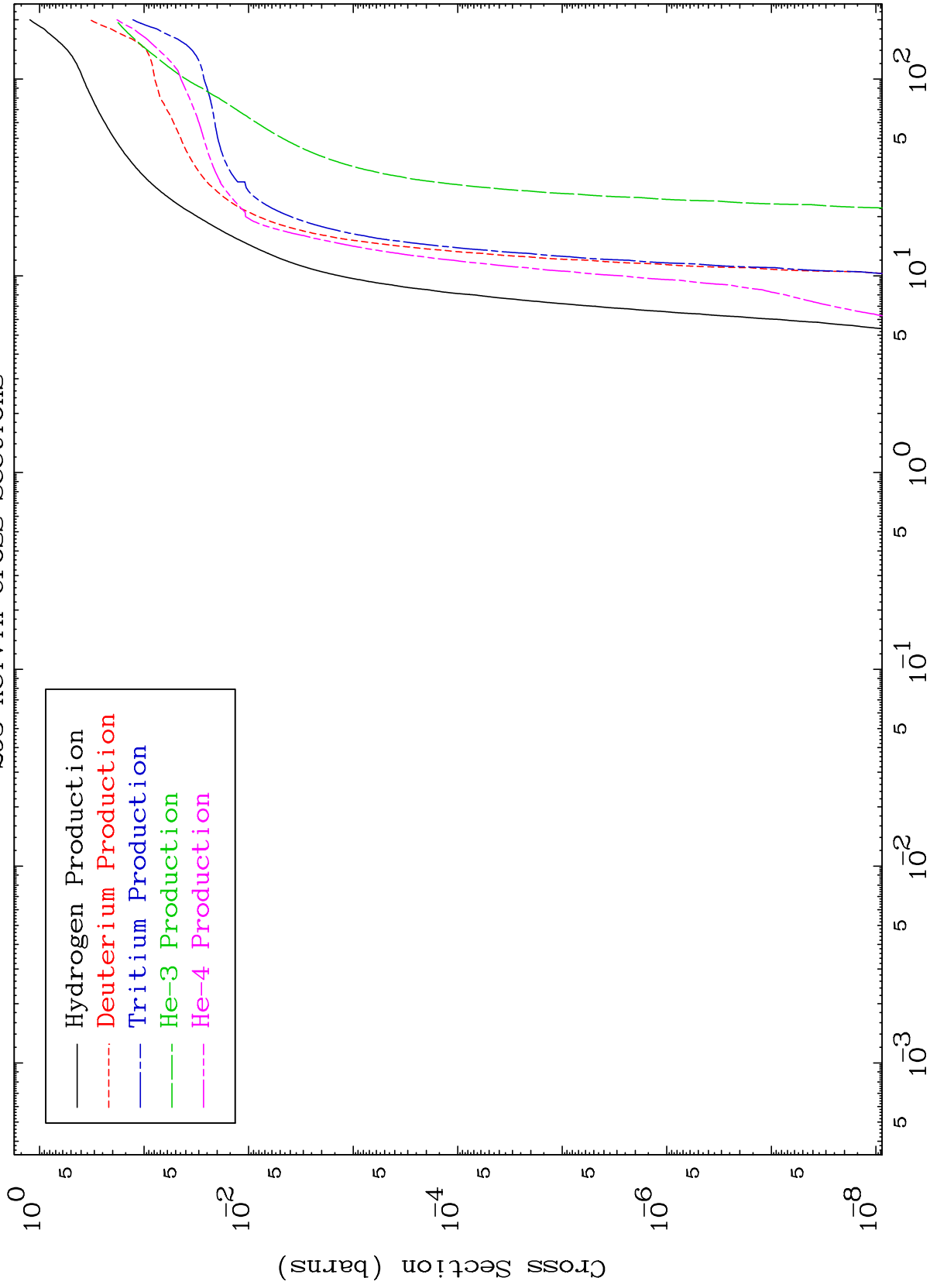
41-Nb-100



MAT 4147

Particle Production
293 Kelvin Cross Sections

41-Nb-100



6

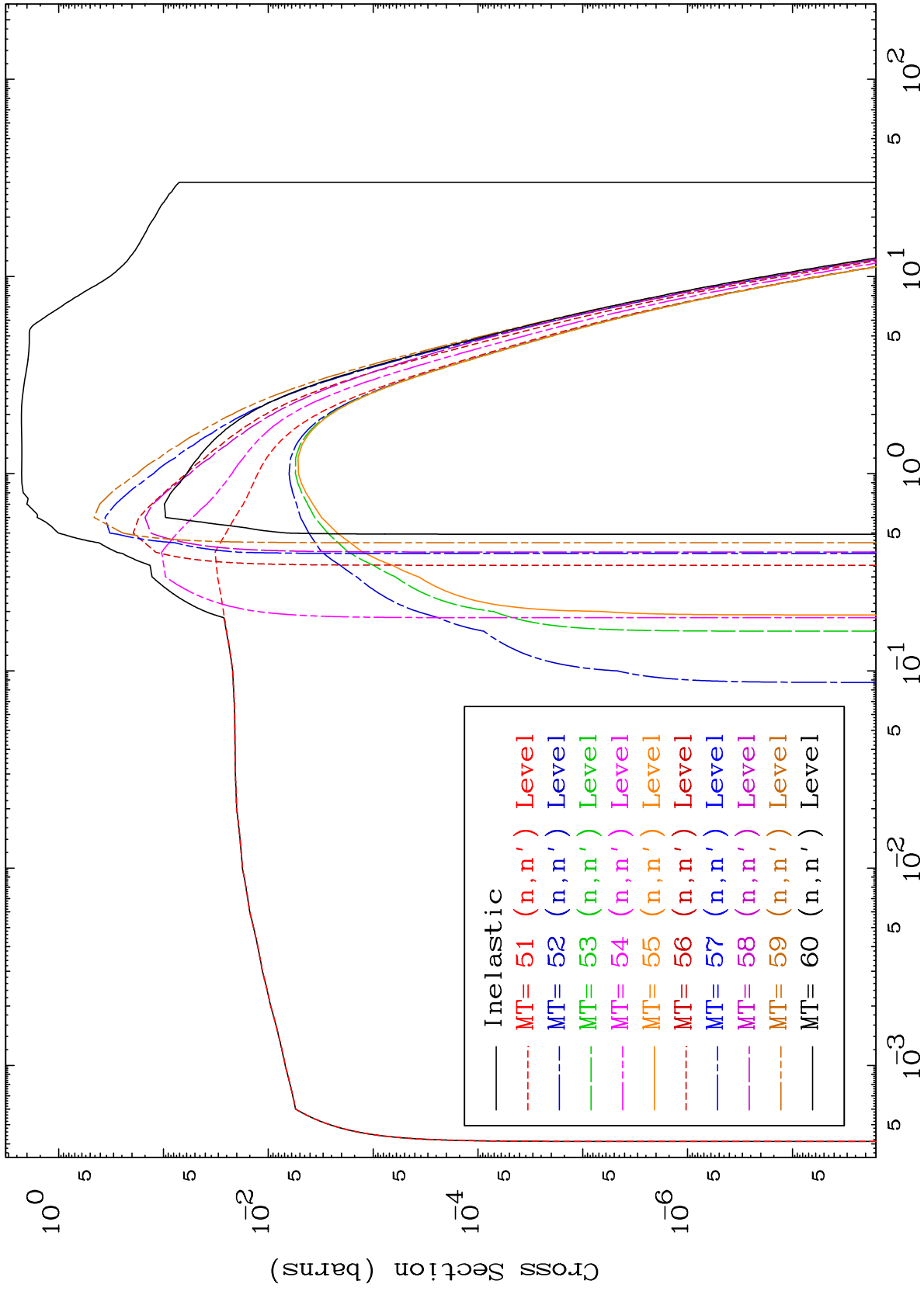
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,n') Level
293 Kelvin Cross Sections

41-Nb-100

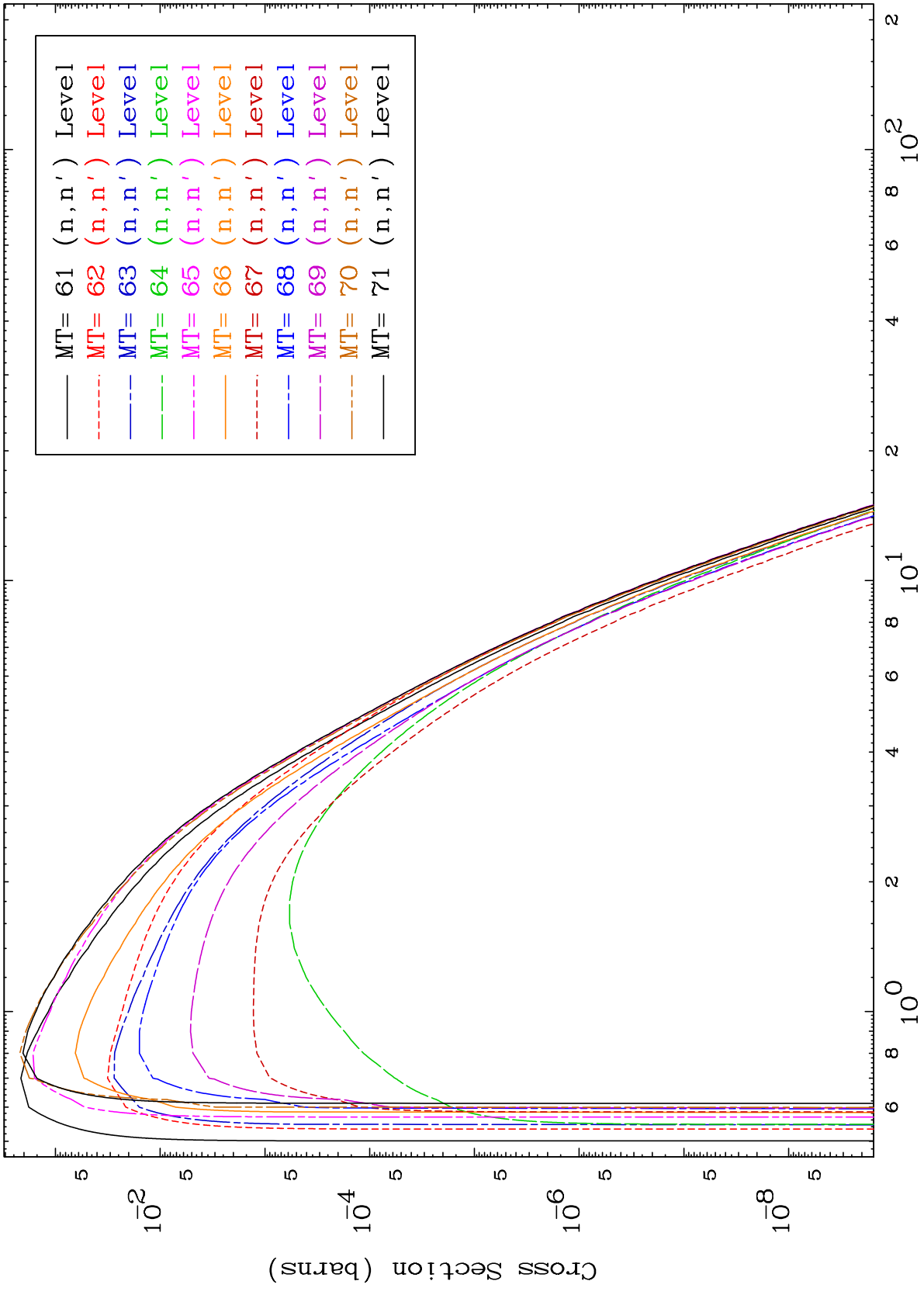


MAT 4147

(n,n') Level

41-Nb-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

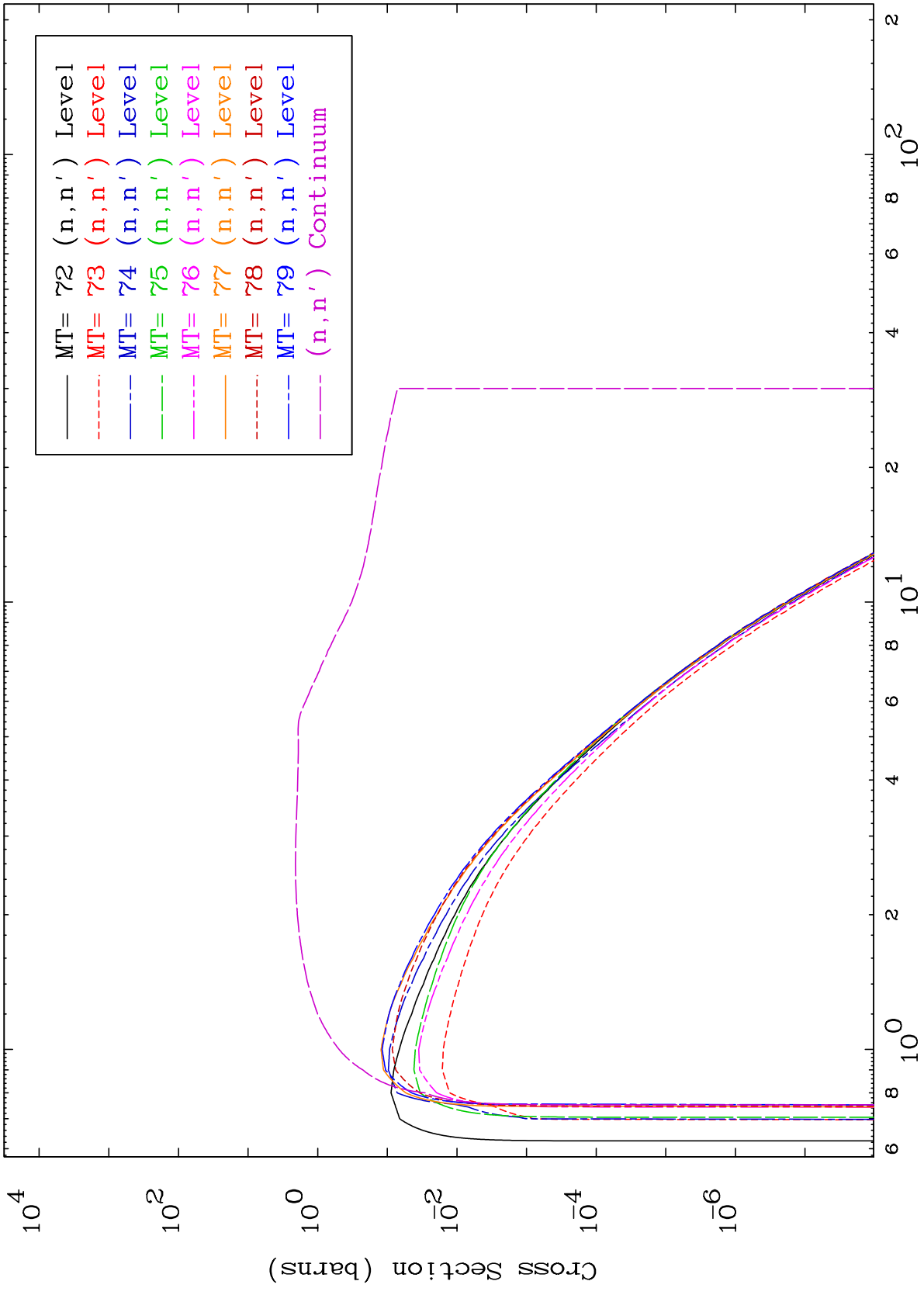
41-Nb-100

MAT 4147

(n,n') Level

41-Nb-100

293 Kelvin Cross Sections



9

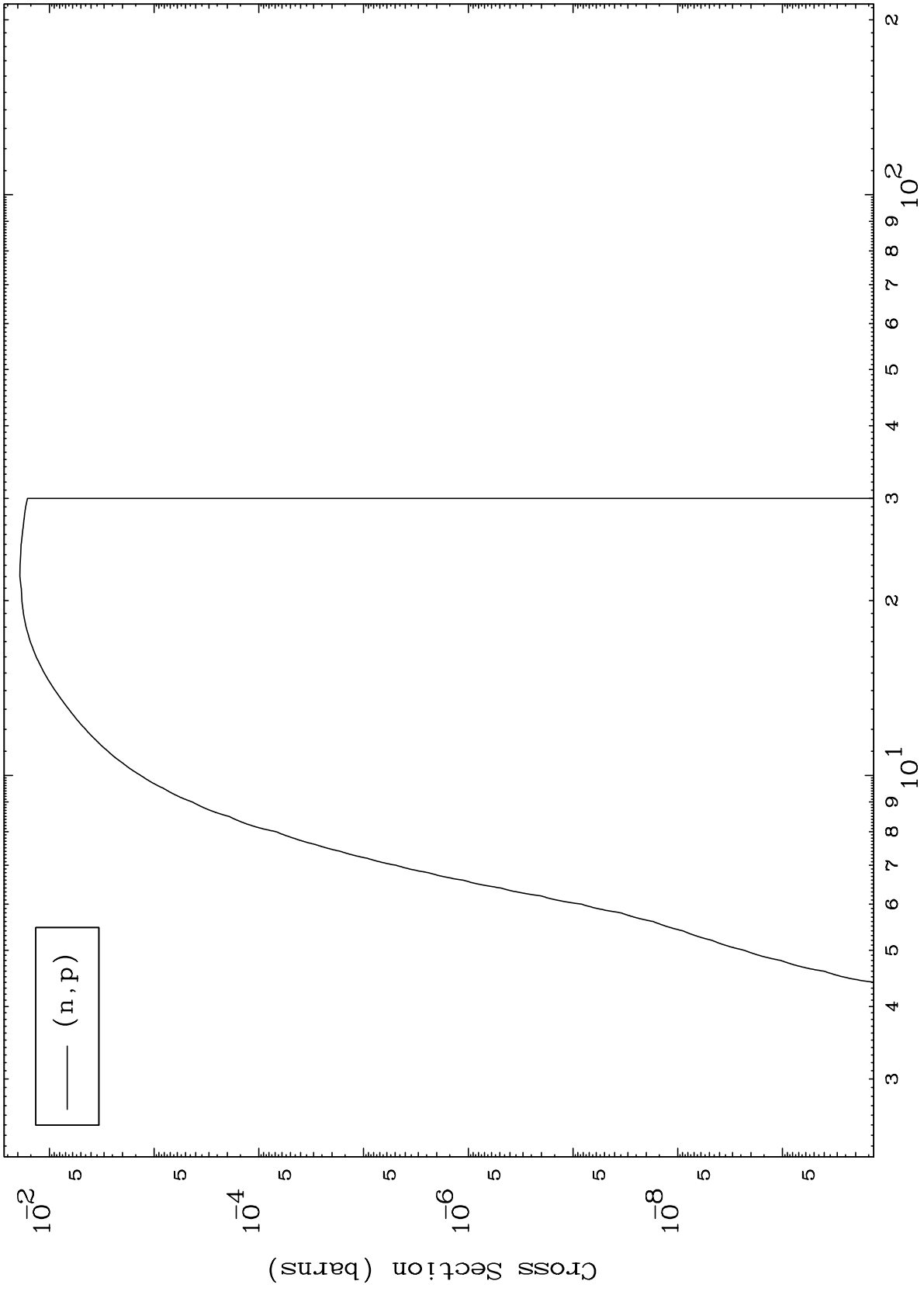
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-100



(n,p)

10

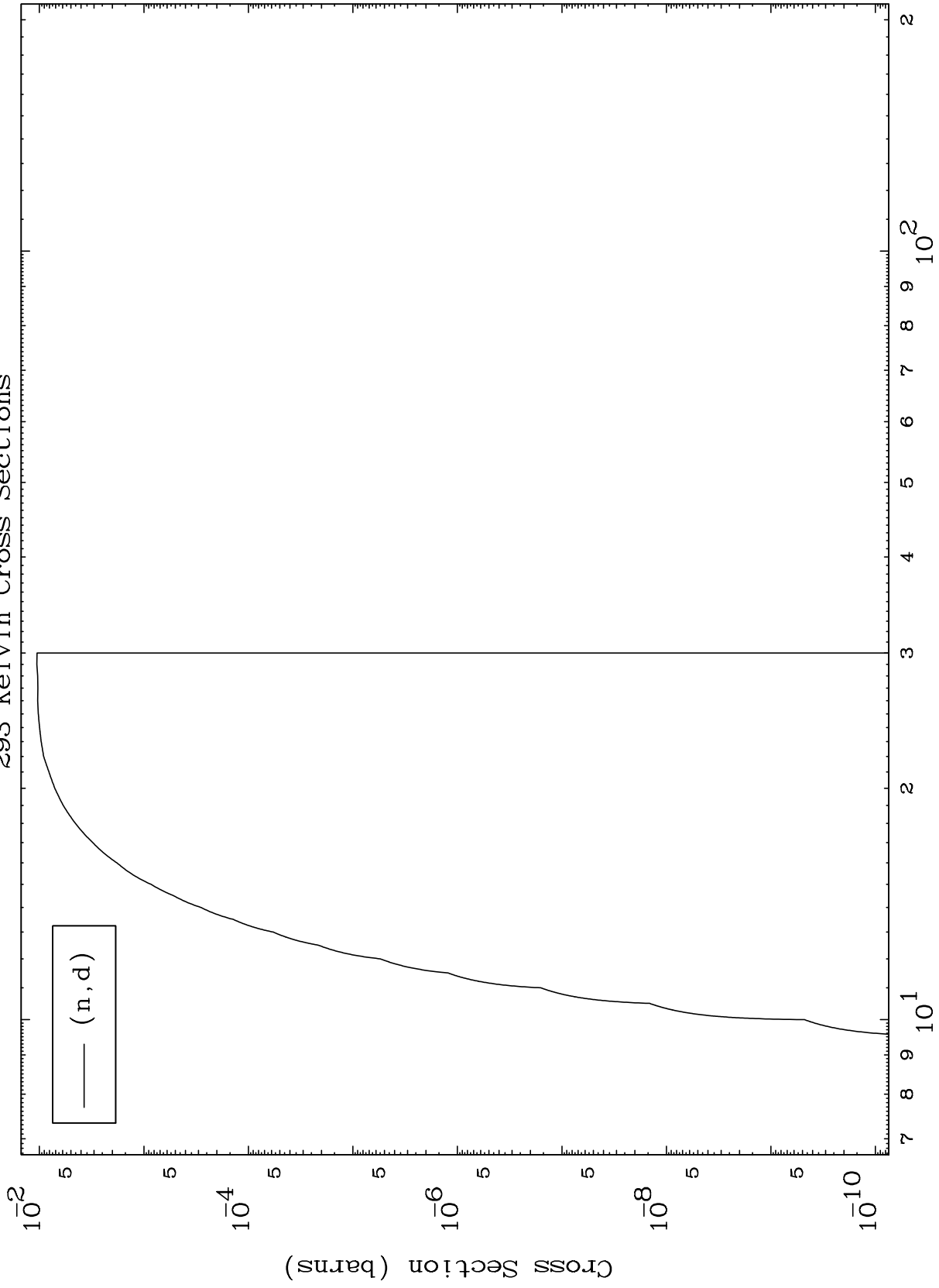
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-100



11

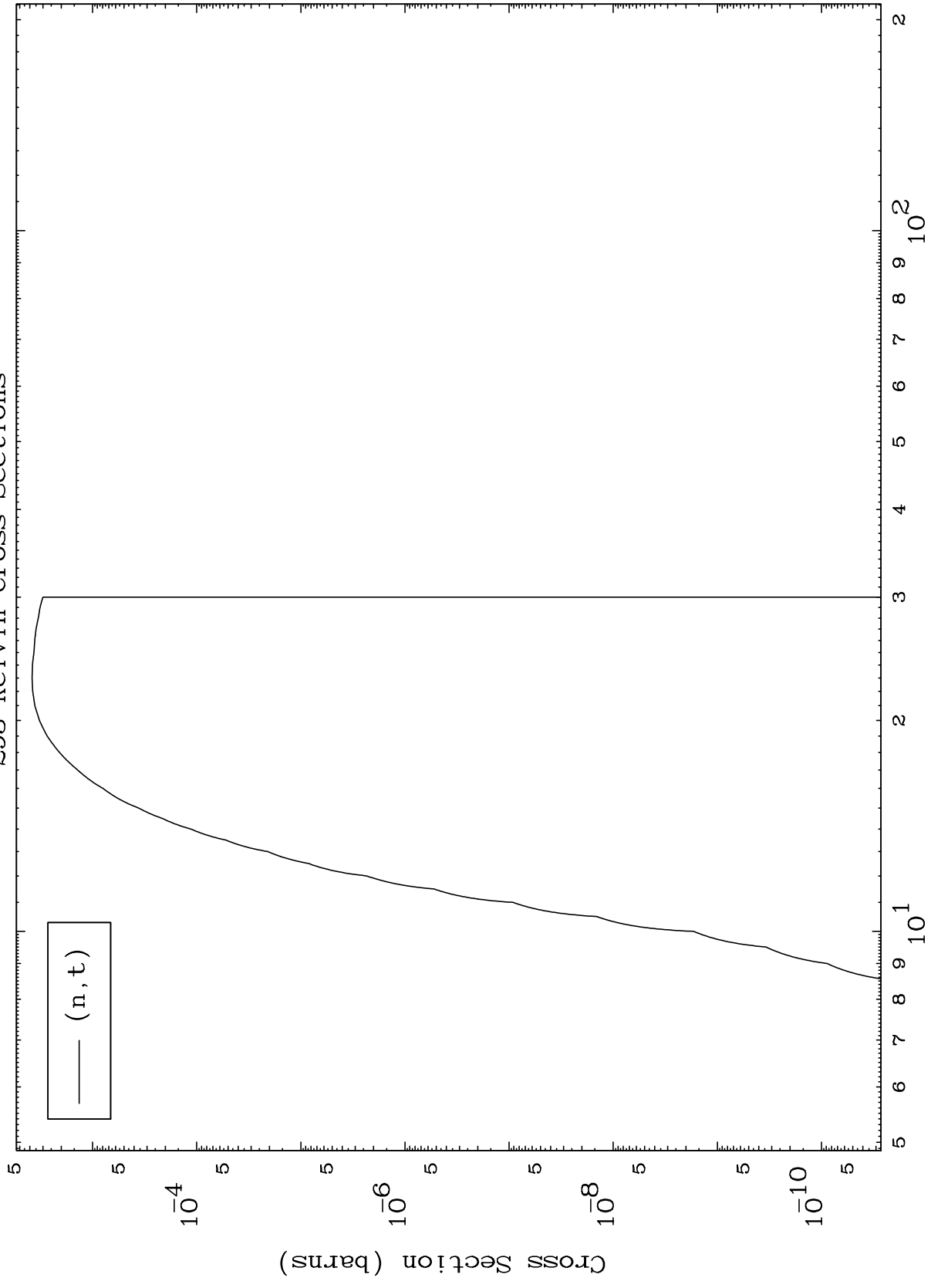
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,t) Levels
293 Kelvin Cross Sections

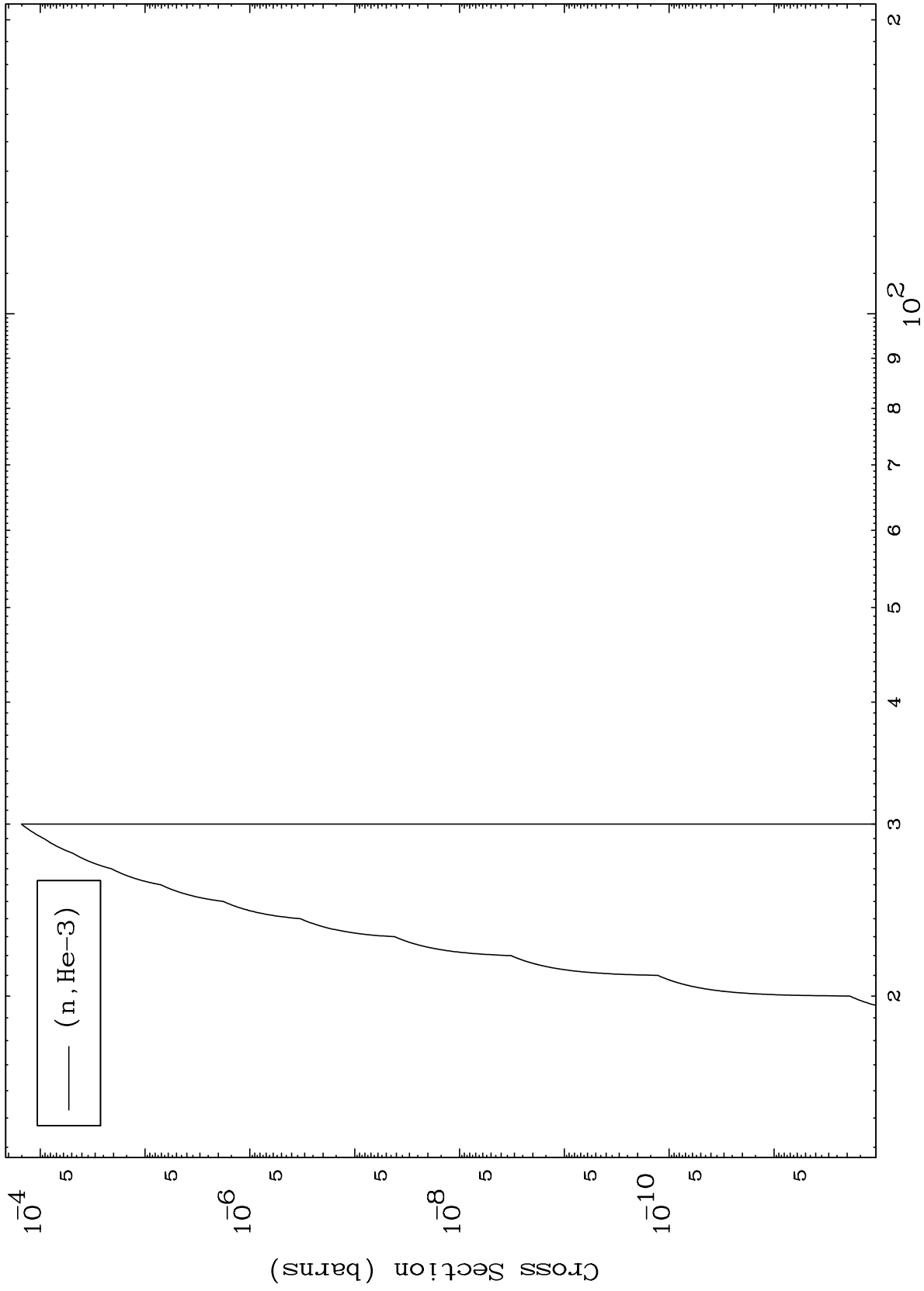
41-Nb-100



MAT 4147

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-100



13

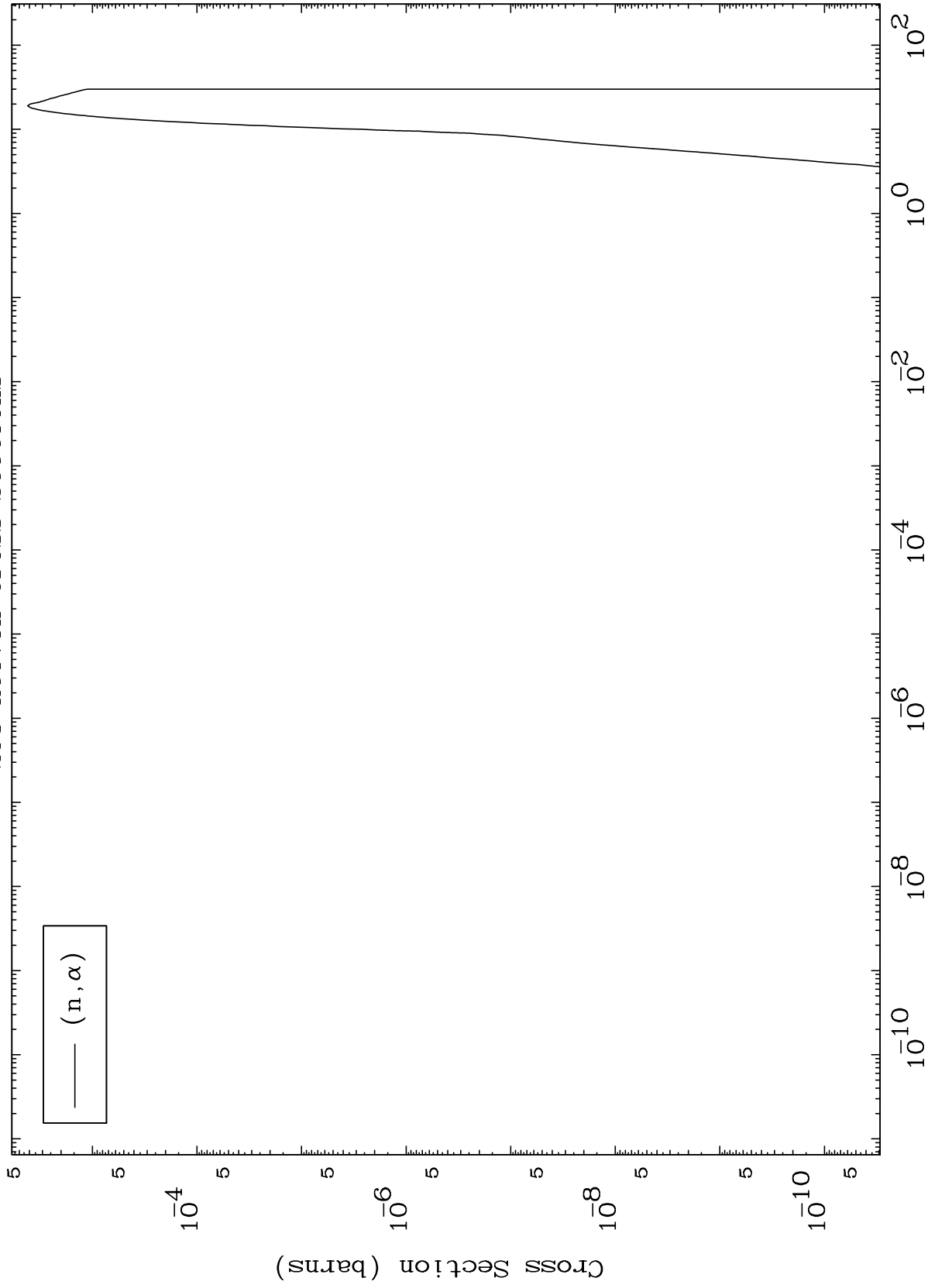
Incident Energy (MeV)

41-Nb-100

MAT 4147

(n,α) Levels
293 Kelvin Cross Sections

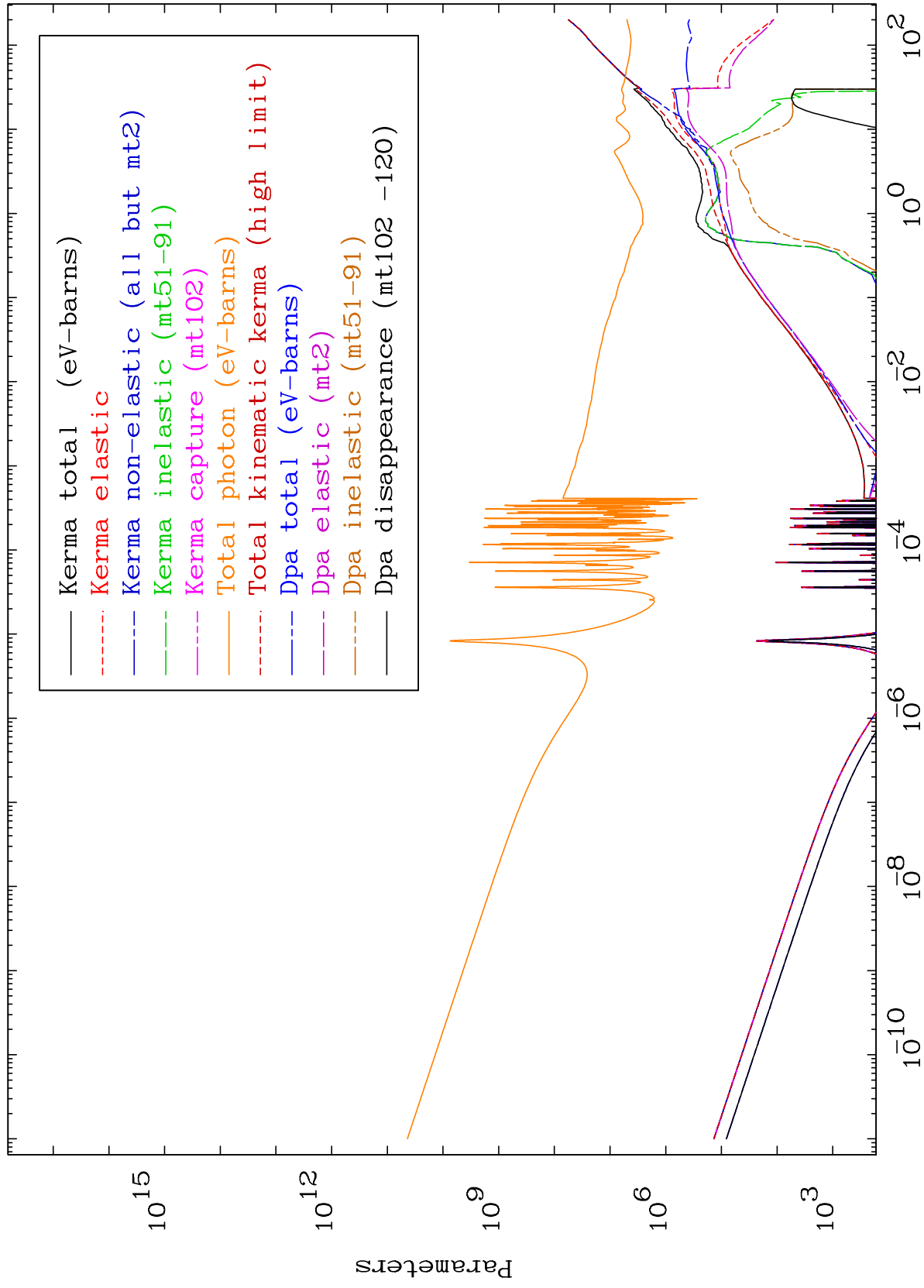
41-Nb-100



14

Incident Energy (MeV)

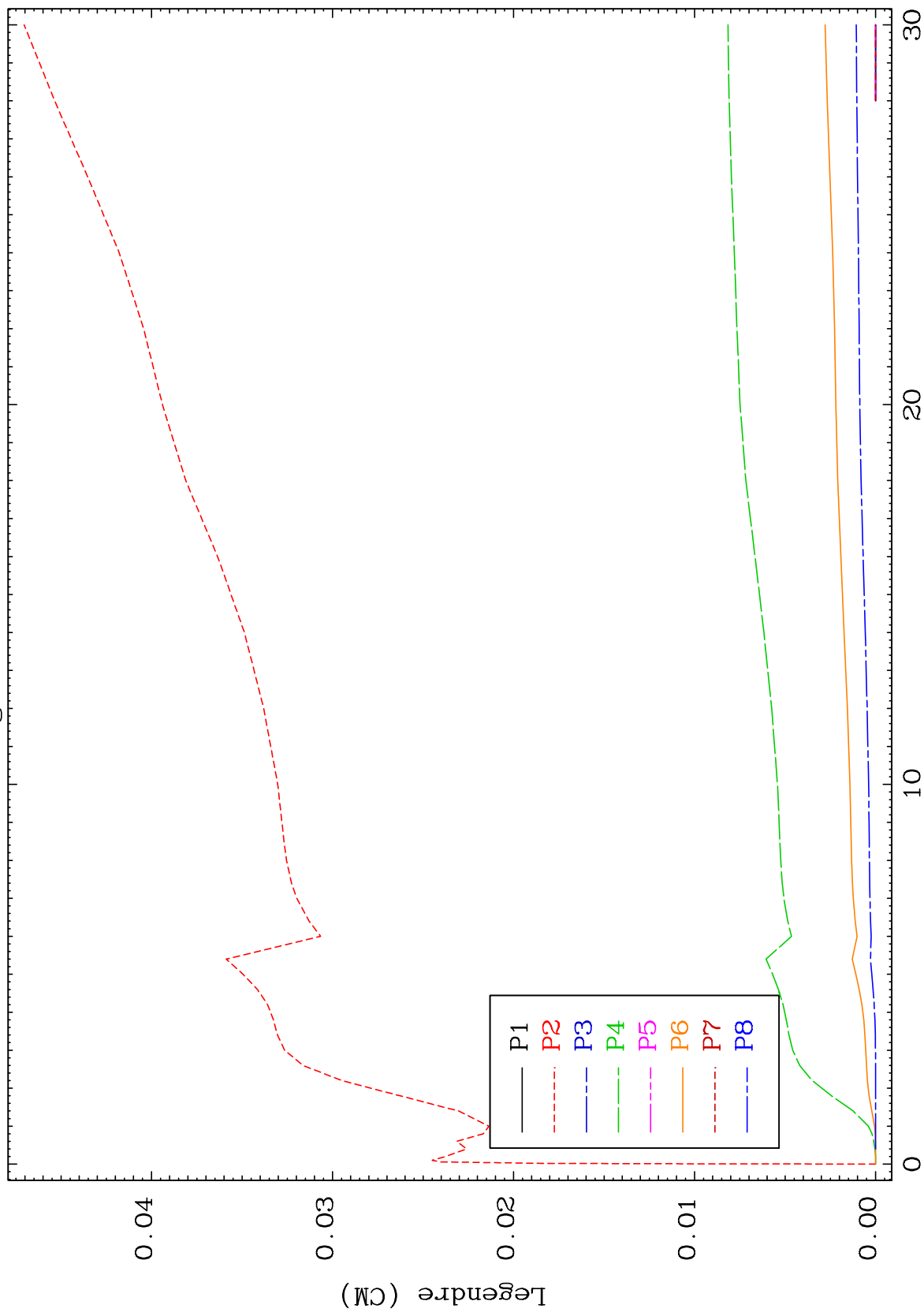
41-Nb-100



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Elastic Legendre Coefficients

41-Nb-100



16

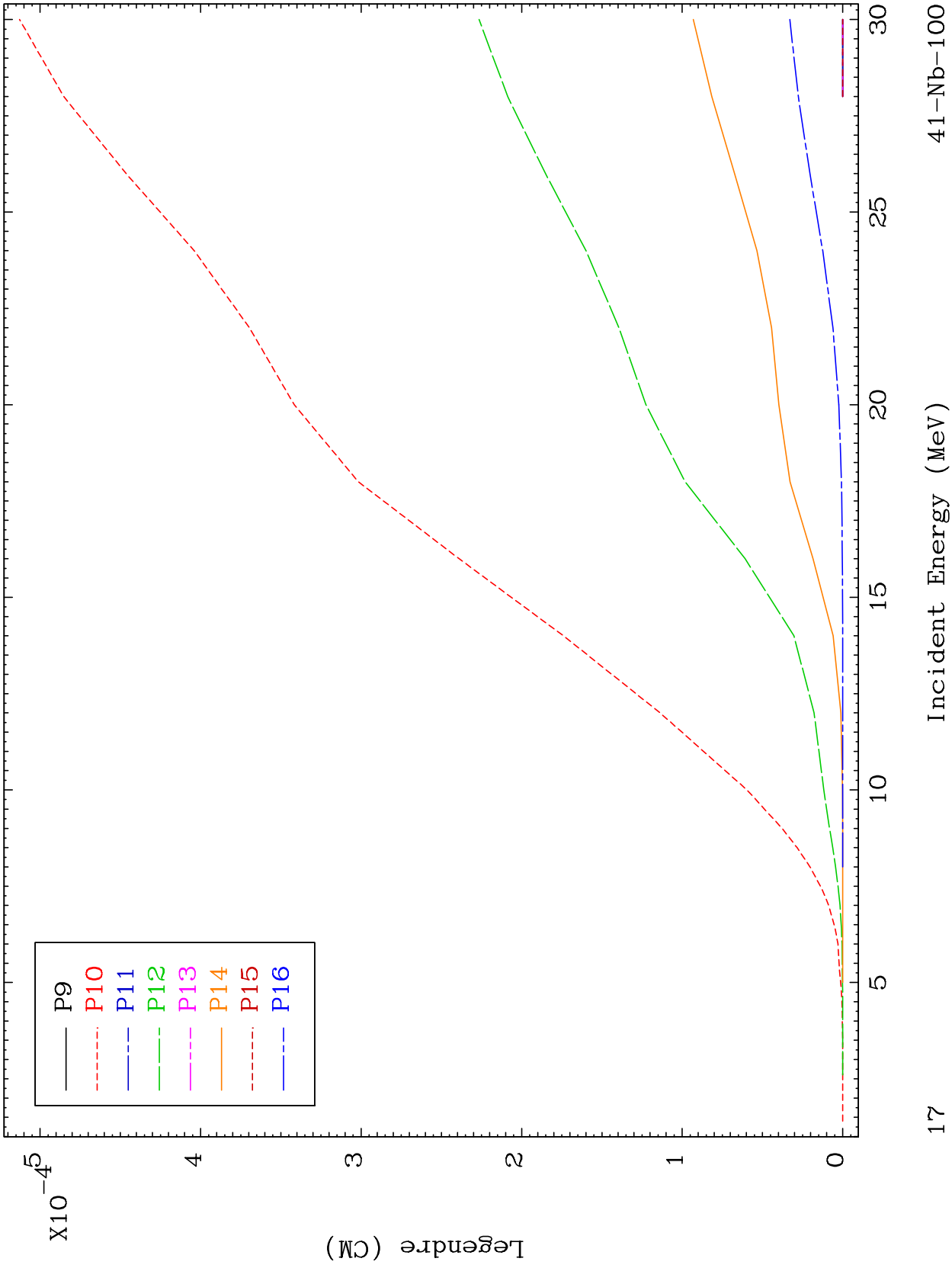
Incident Energy (MeV)

41-Nb-100

MAT 4147

Elastic Legendre Coefficients

41-Nb-100

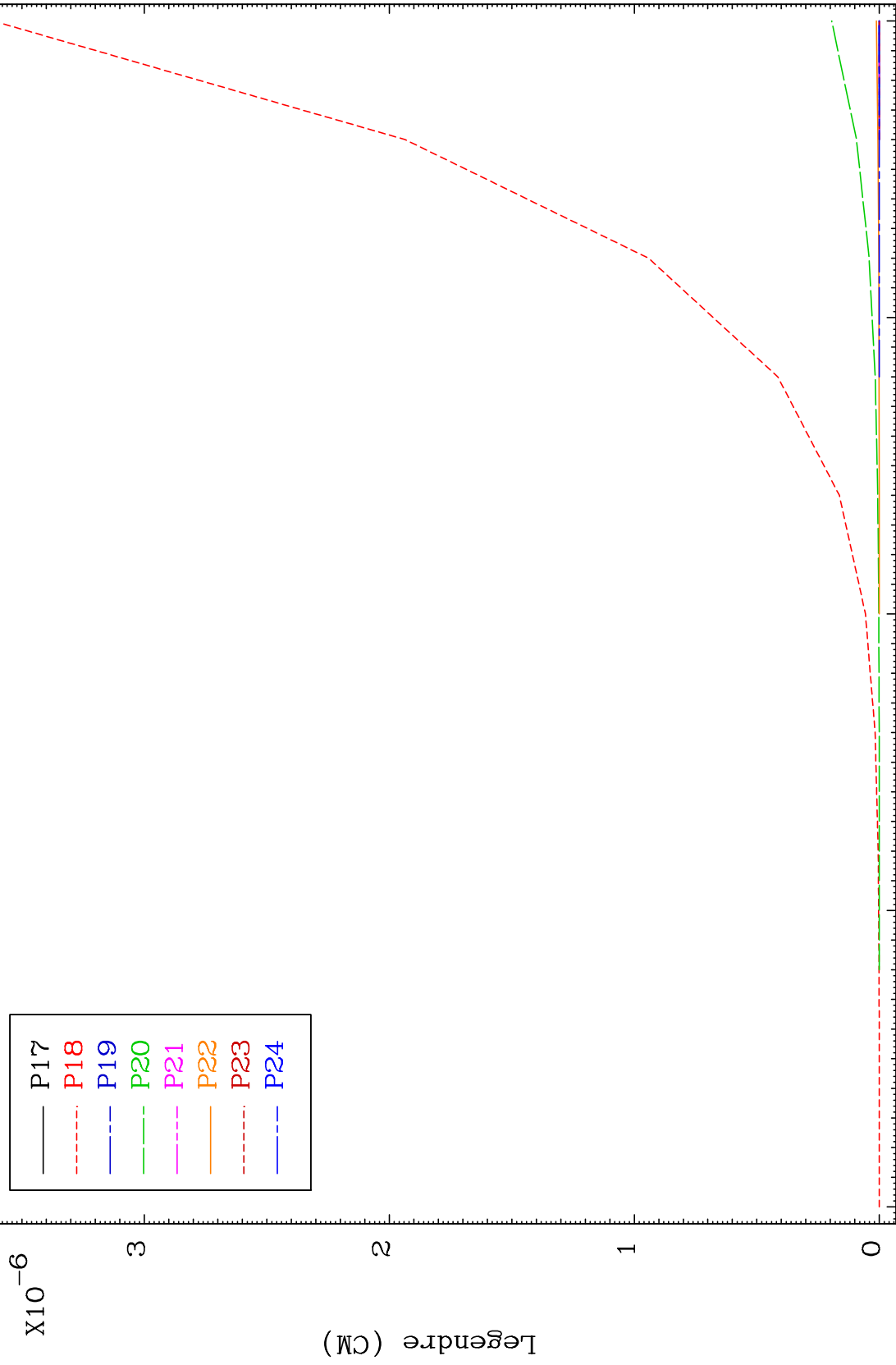
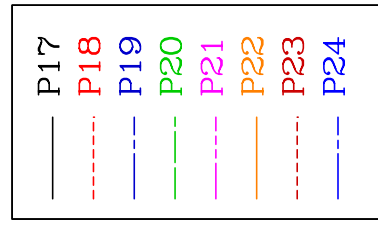


17

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Elastic Legendre Coefficients

41-Nb-100



18

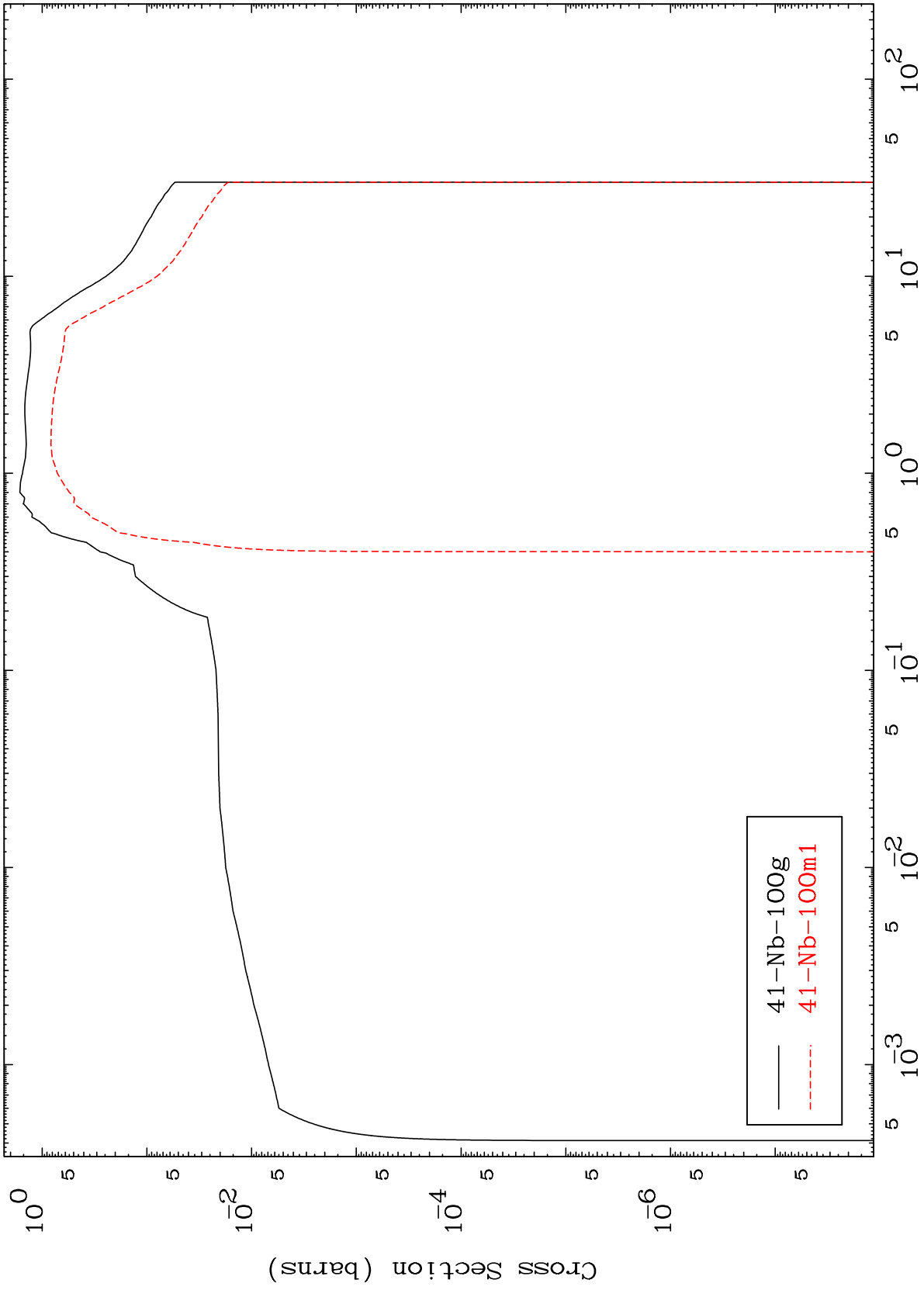
Incident Energy (MeV)

41-Nb-100

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Inelastic Radionuclide Production Cross Section

41-Nb-100



19

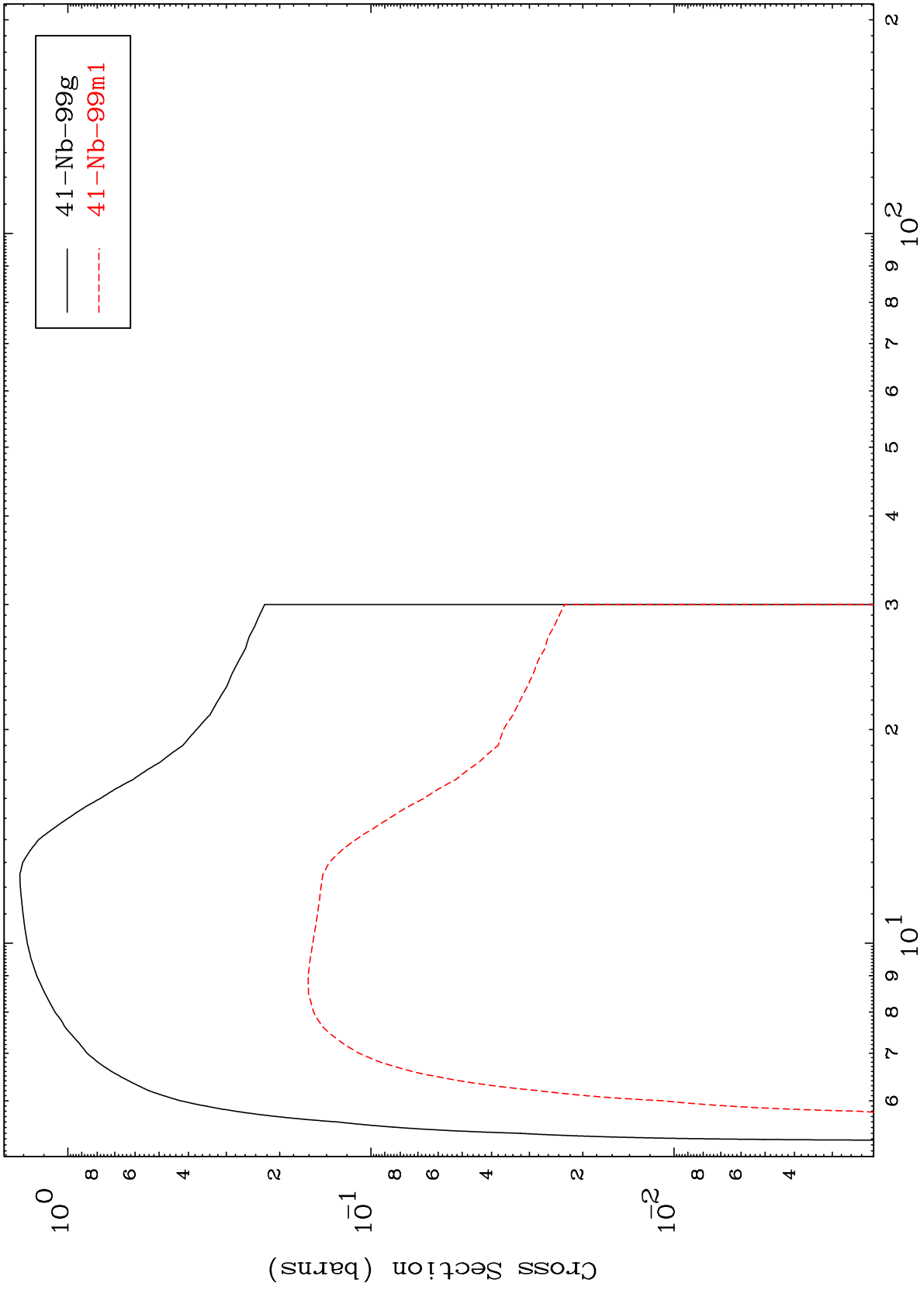
Incident Energy (MeV)

41-Nb-100

MAT 4147

41-Nb-100

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

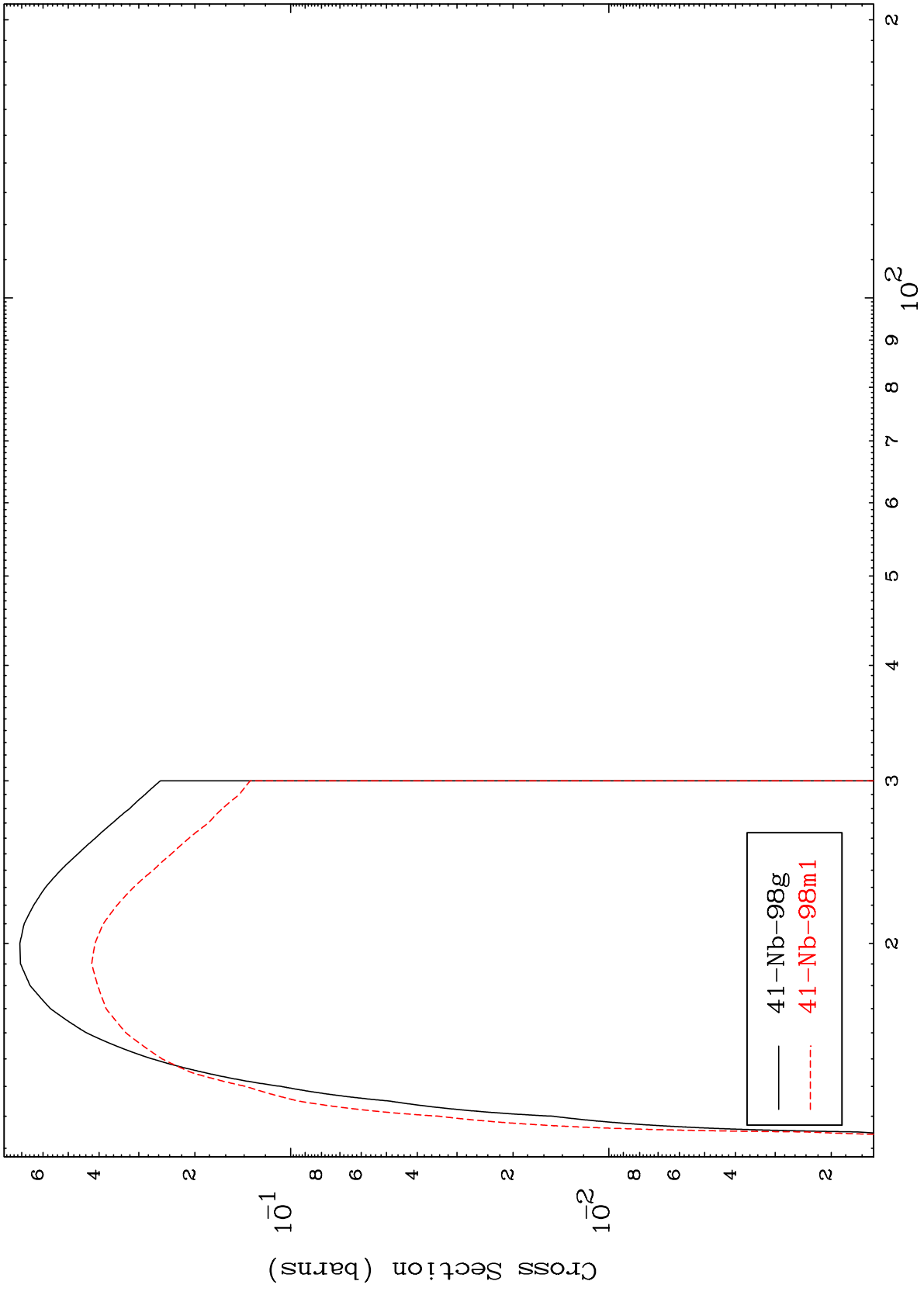
41-Nb-100

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(n,3n)

41-Nb-100

Radionuclide Production Cross Section



21

Incident Energy (MeV)

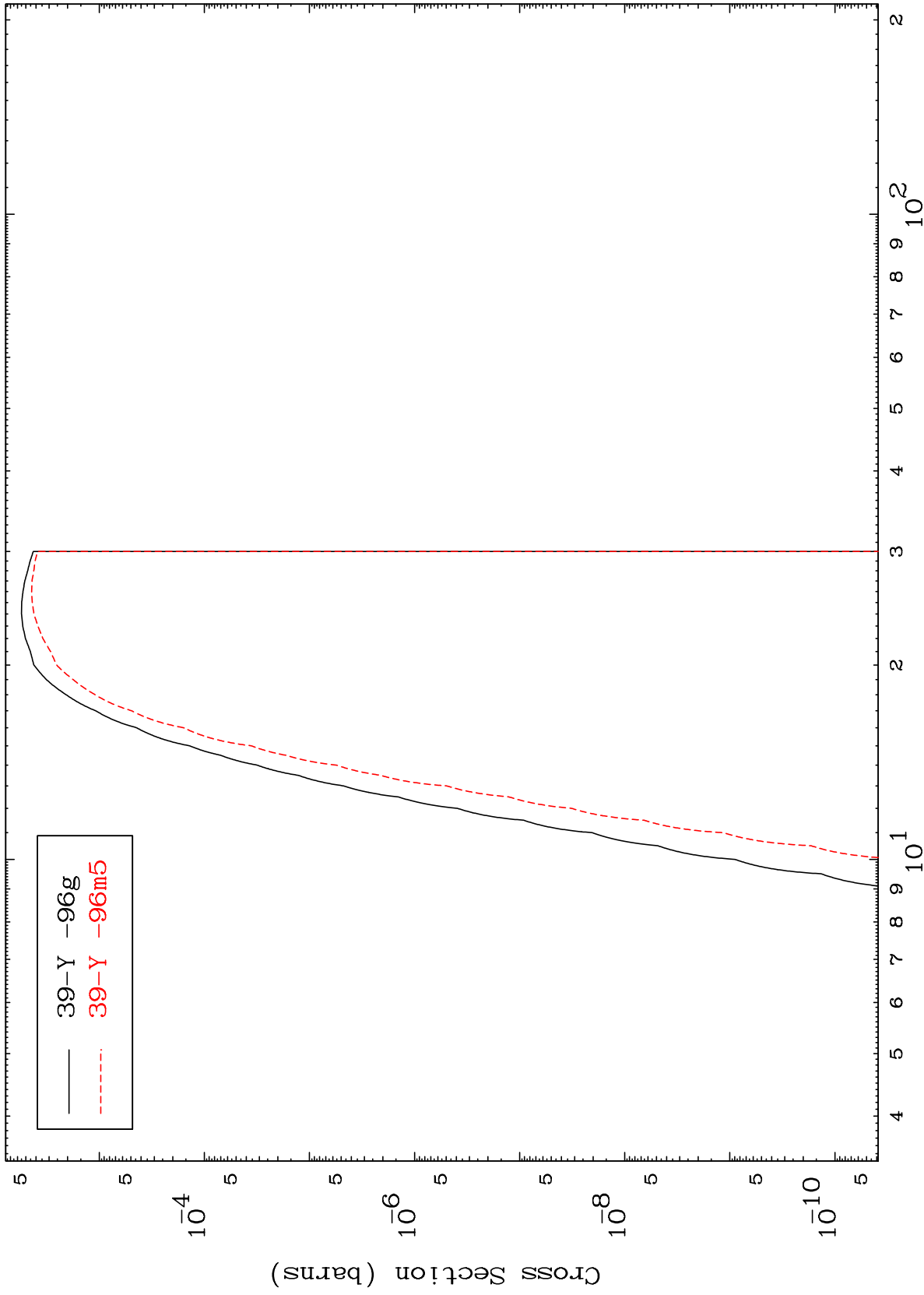
41-Nb-100

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(n,n') α

41-Nb-100

Radionuclide Production Cross Section



22

Incident Energy (MeV)

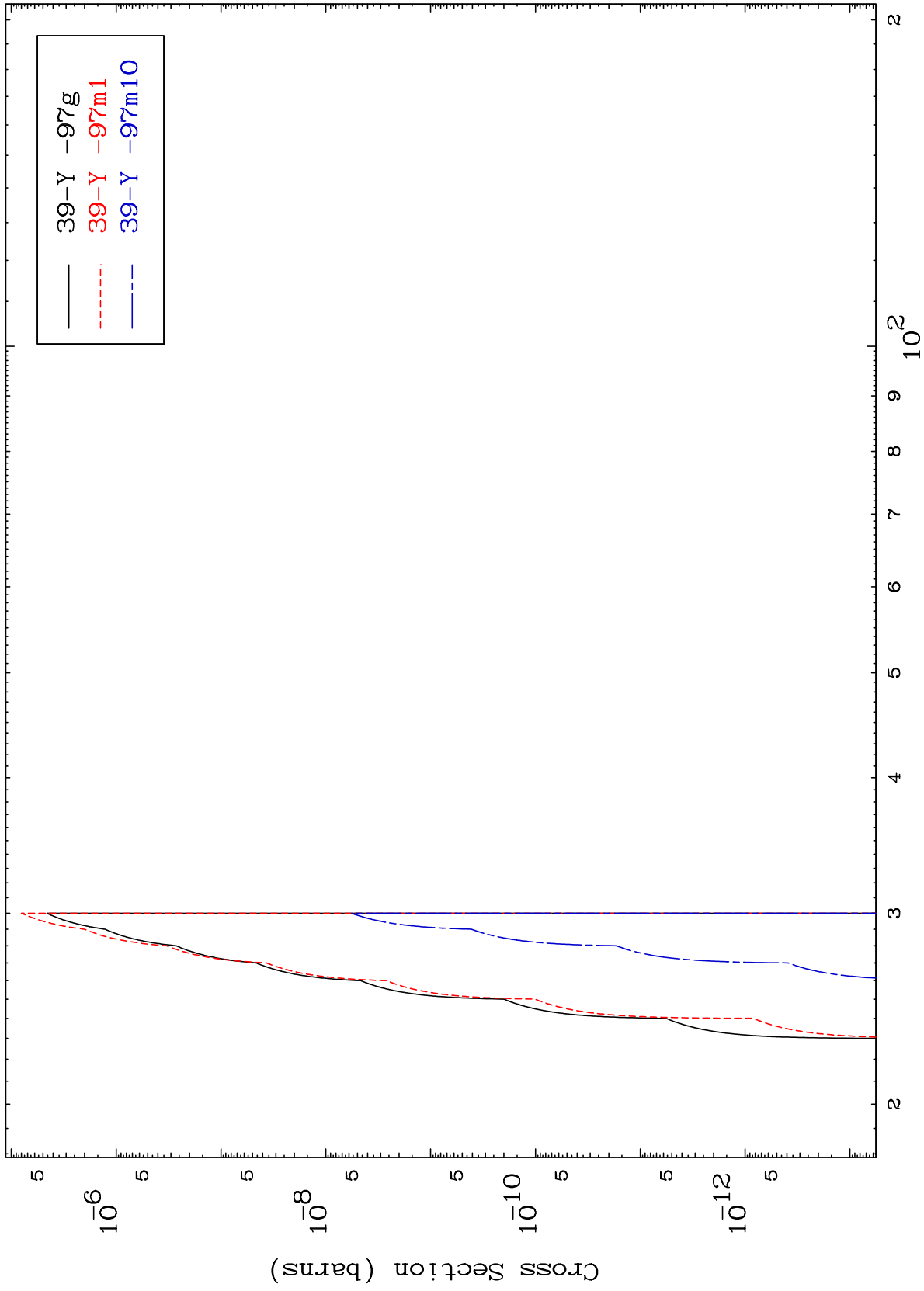
41-Nb-100

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(n, n') He-3

41-Nb-100

Radionuclide Production Cross Section



23

Incident Energy (MeV)

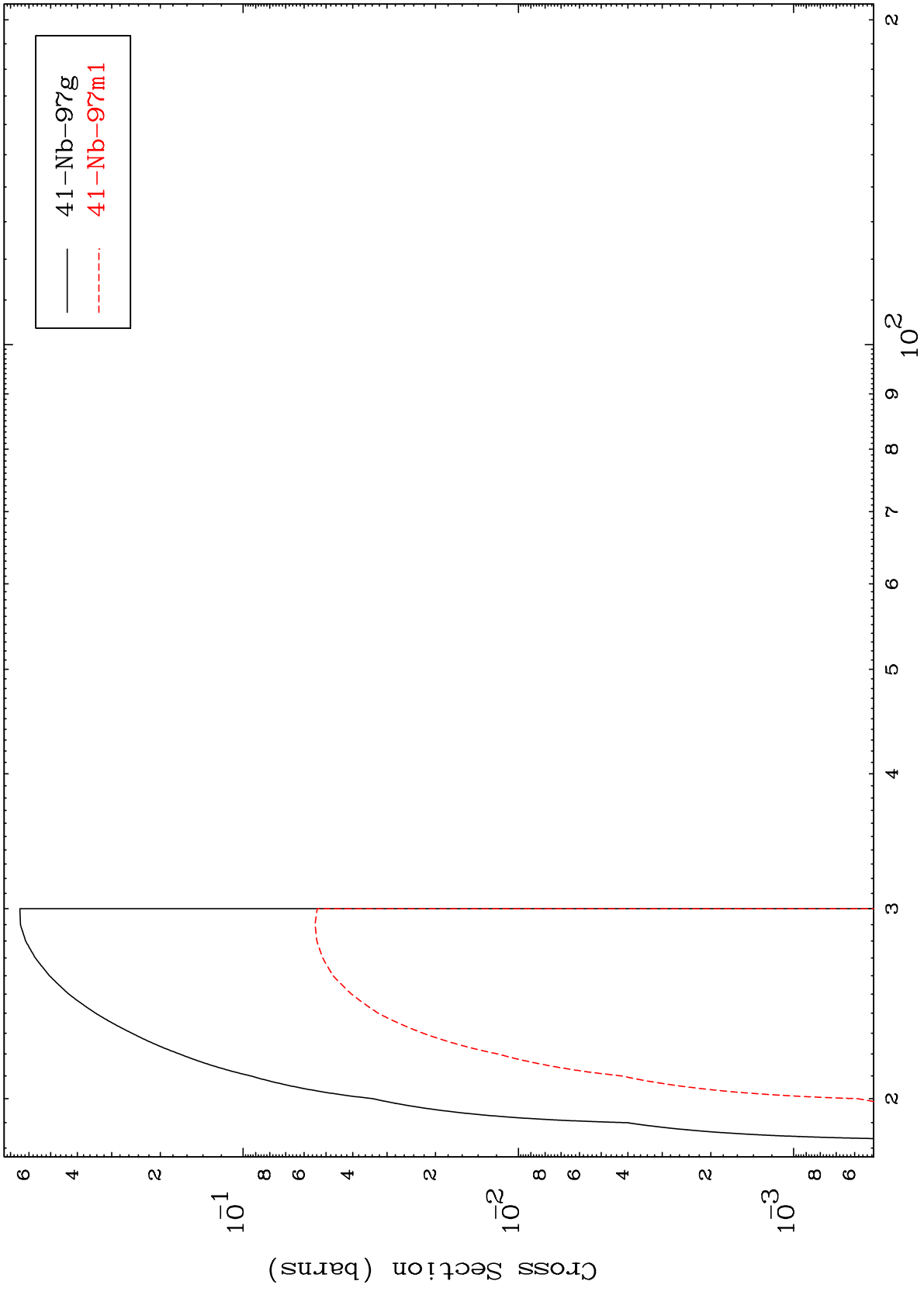
41-Nb-100

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(n,4n)

41-Nb-100

Radionuclide Production Cross Section



24

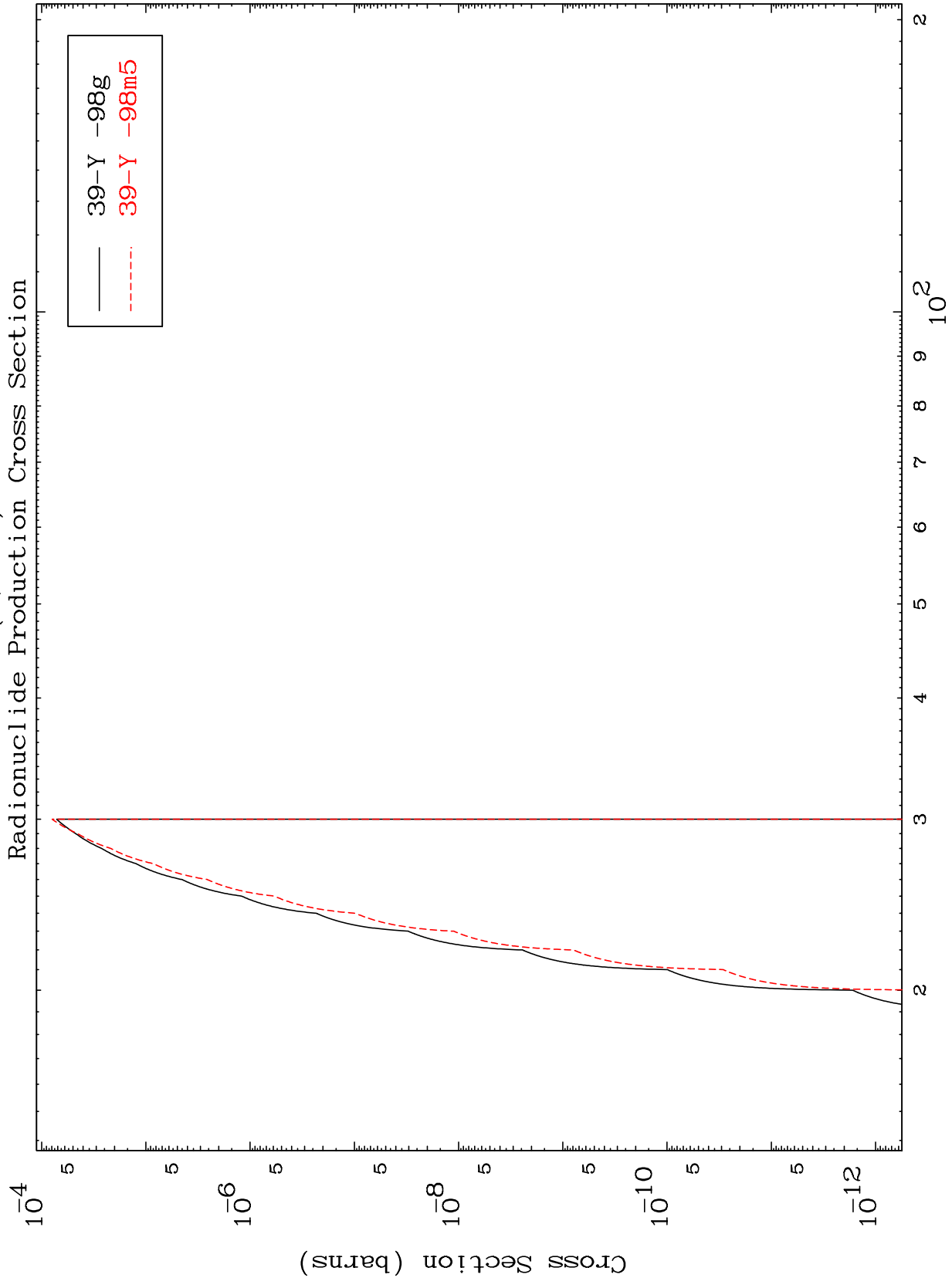
Incident Energy (MeV)

41-Nb-100

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(n, He-3)

41-Nb-100



25

Incident Energy (MeV)

41-Nb-100

MAT 4147

41-Nb-100

(n, α)
Radionuclide Production Cross Section

