

Program EVALPLOT
(Version 2021-1)

by

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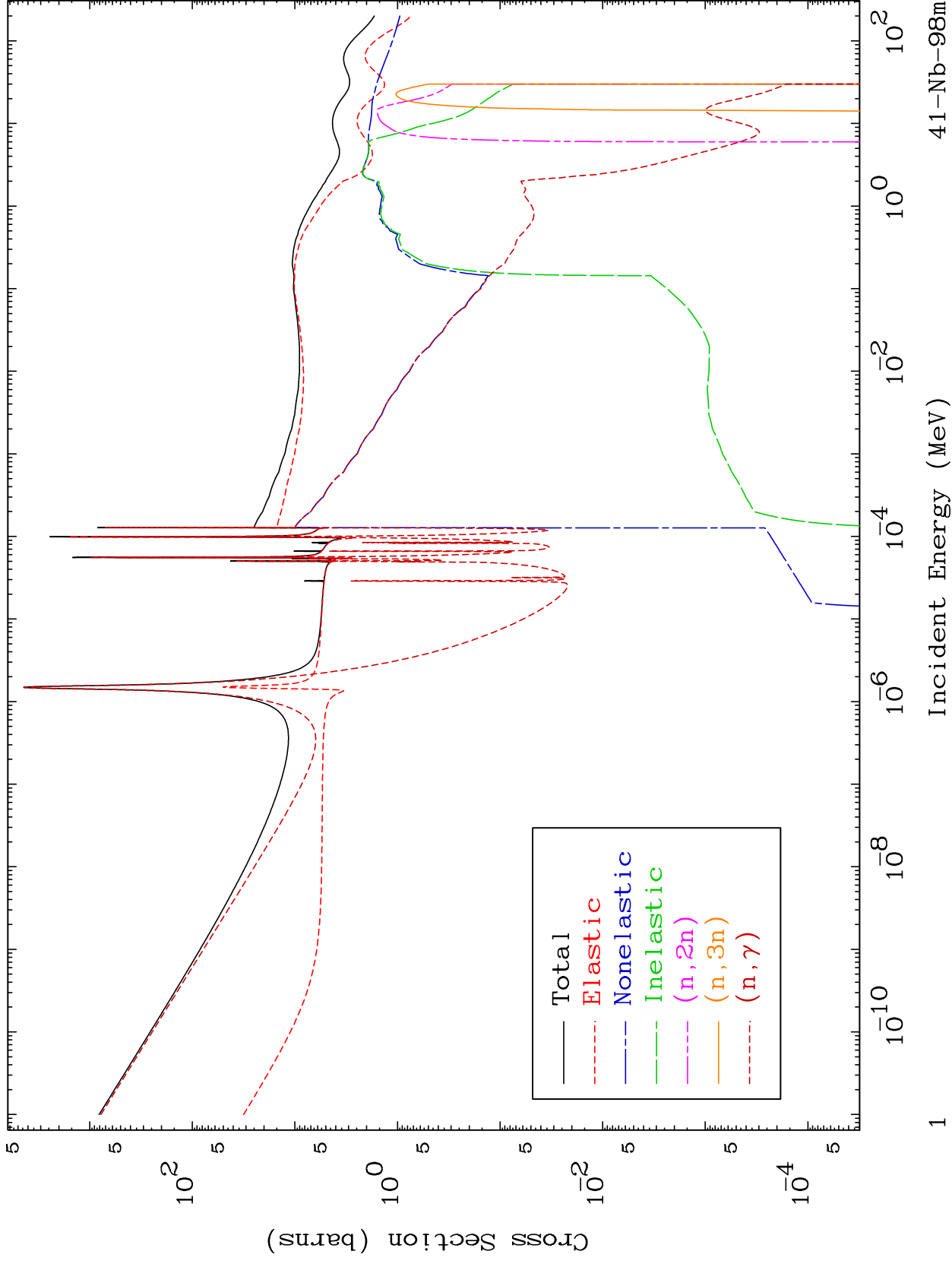
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4141

Neutron Major
293 Kelvin Cross Sections

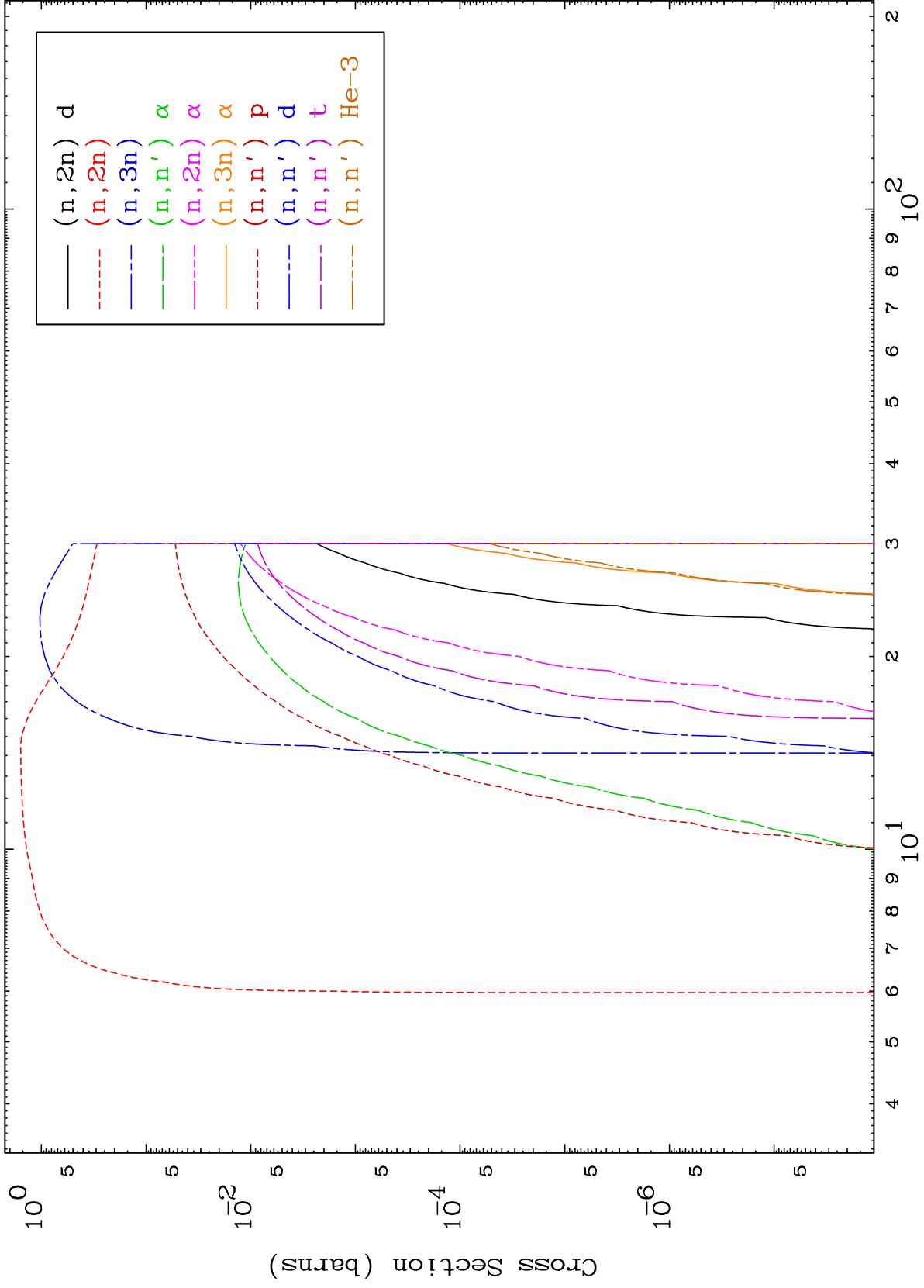
41-Nb-98m



MAT 4141

Neutron Absorption
293 Kelvin Cross Sections

41-Nb-98m



2

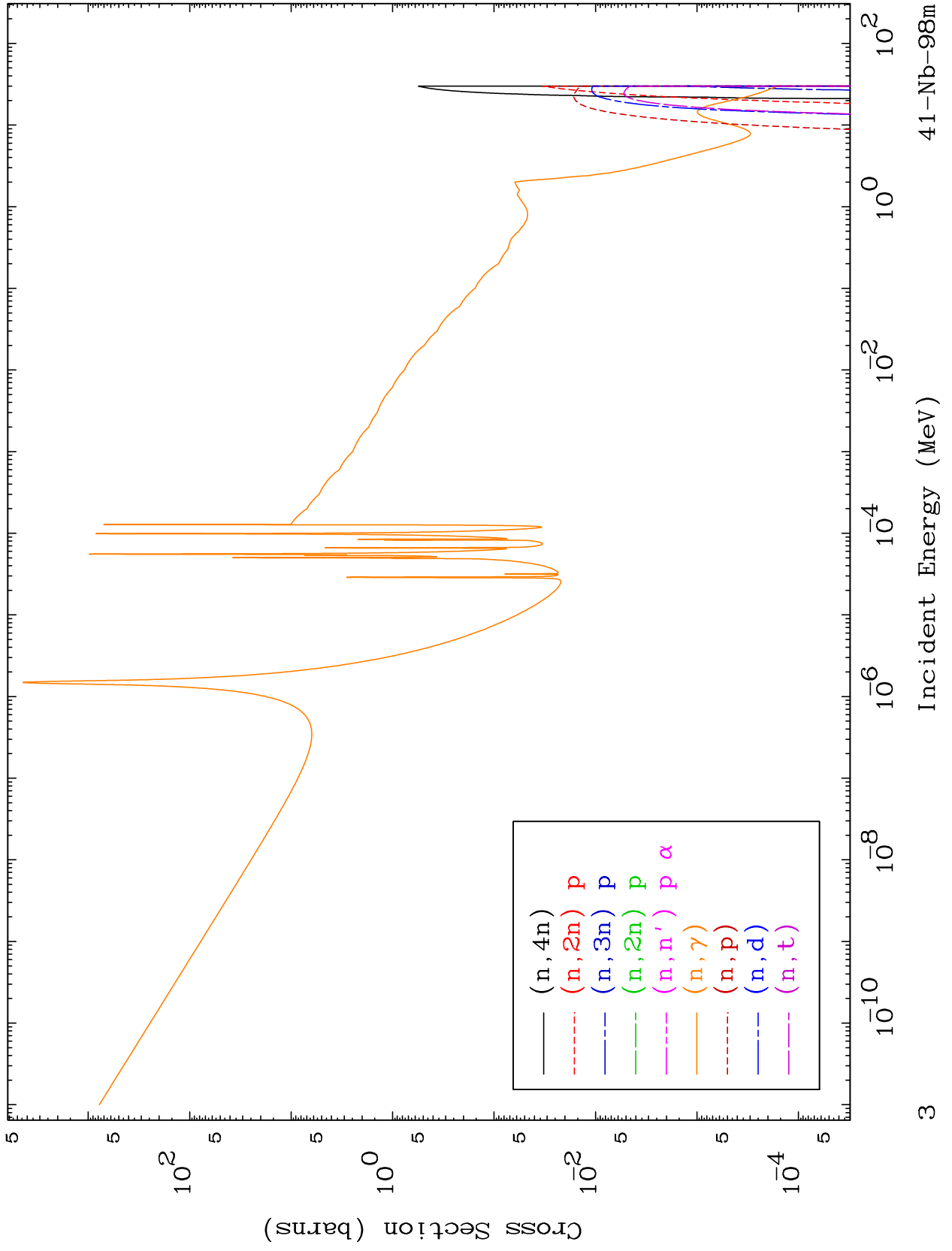
Incident Energy (MeV)

41-Nb-98m

MAT 4141

Neutron Absorption
293 Kelvin Cross Sections

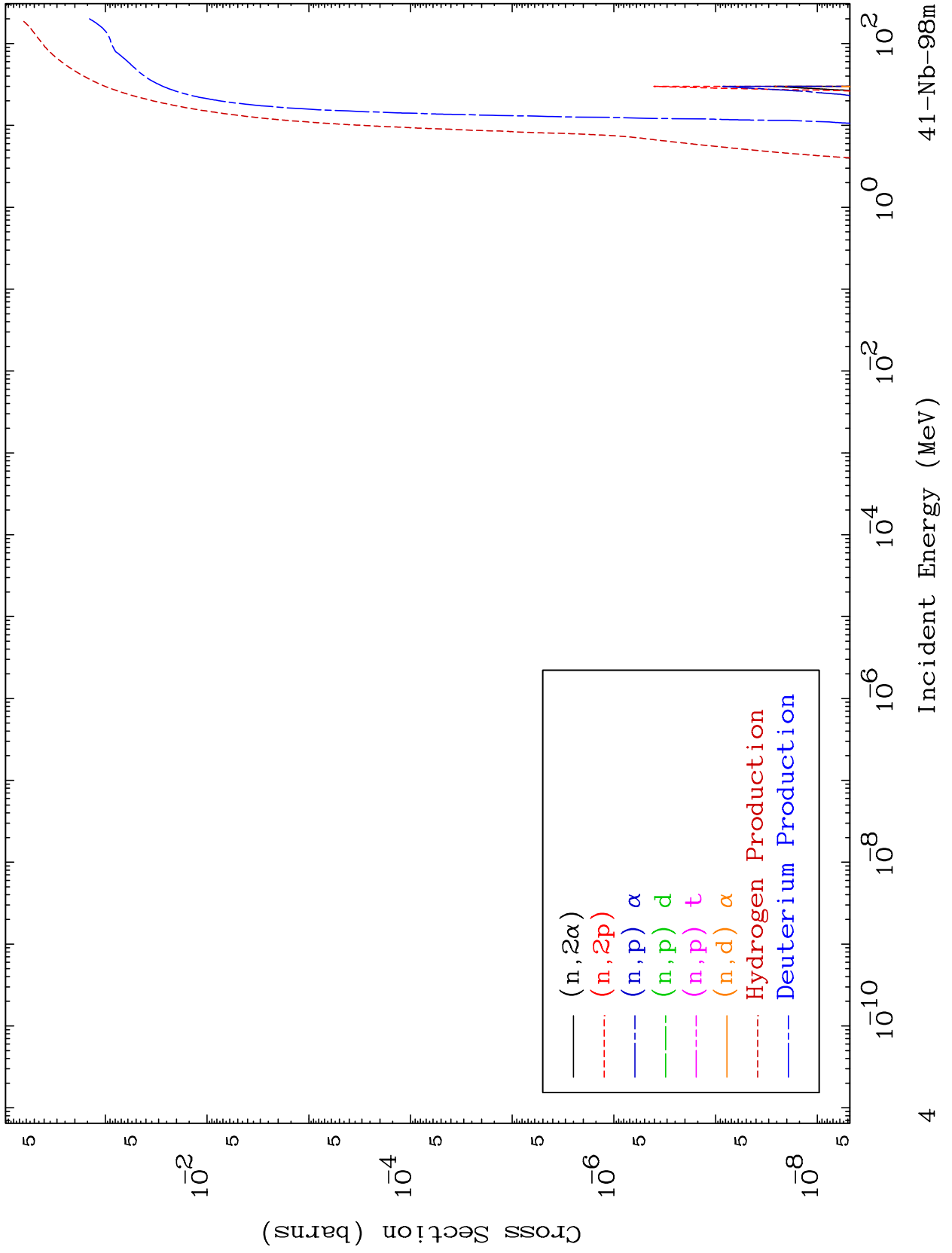
41-Nb-98m



MAT 4141

Neutron Absorption
293 Kelvin Cross Sections

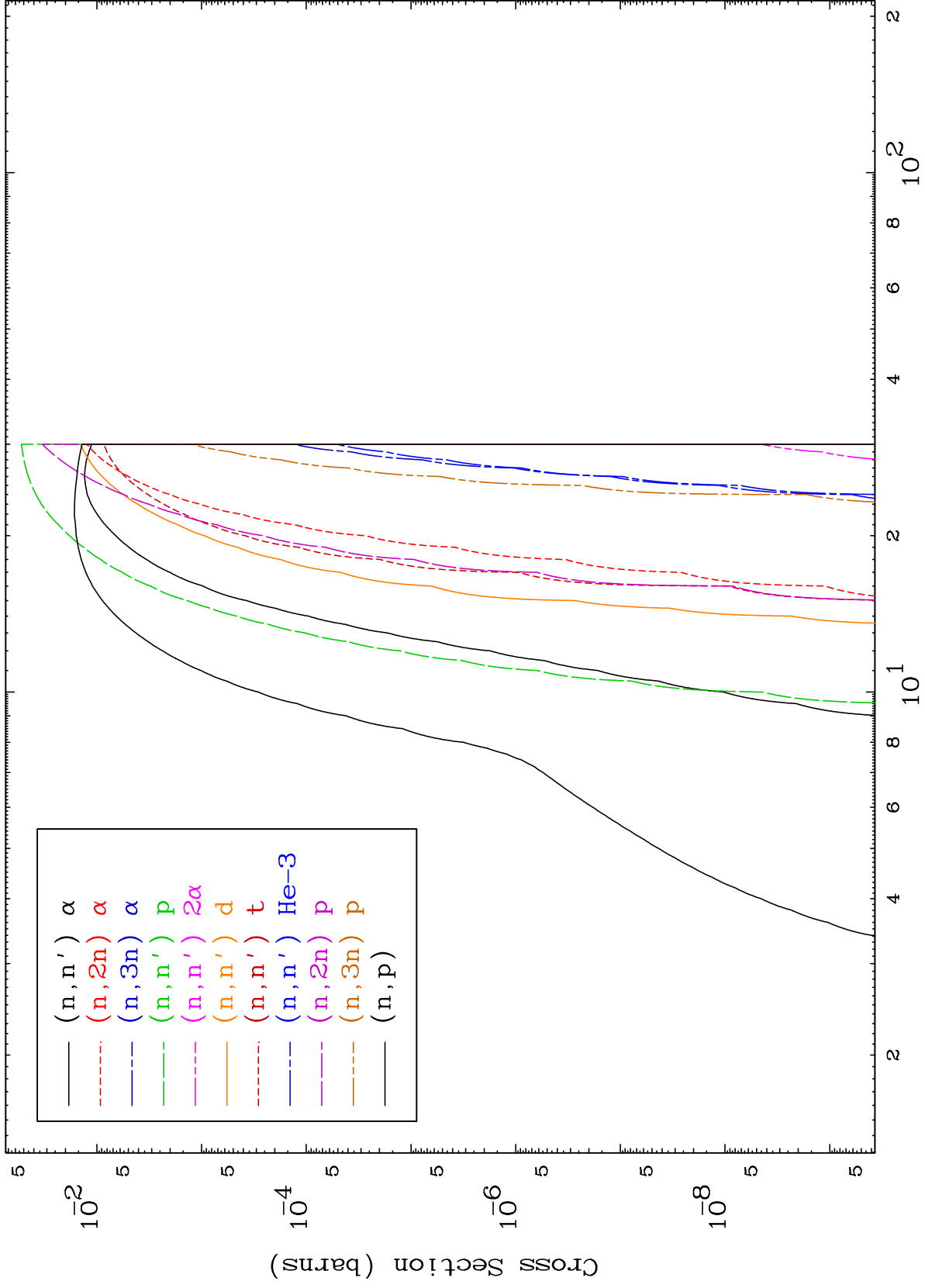
41-Nb-98m



MAT 4141

Charged Particle
293 Kelvin Cross Sections

41-Nb-98m



5

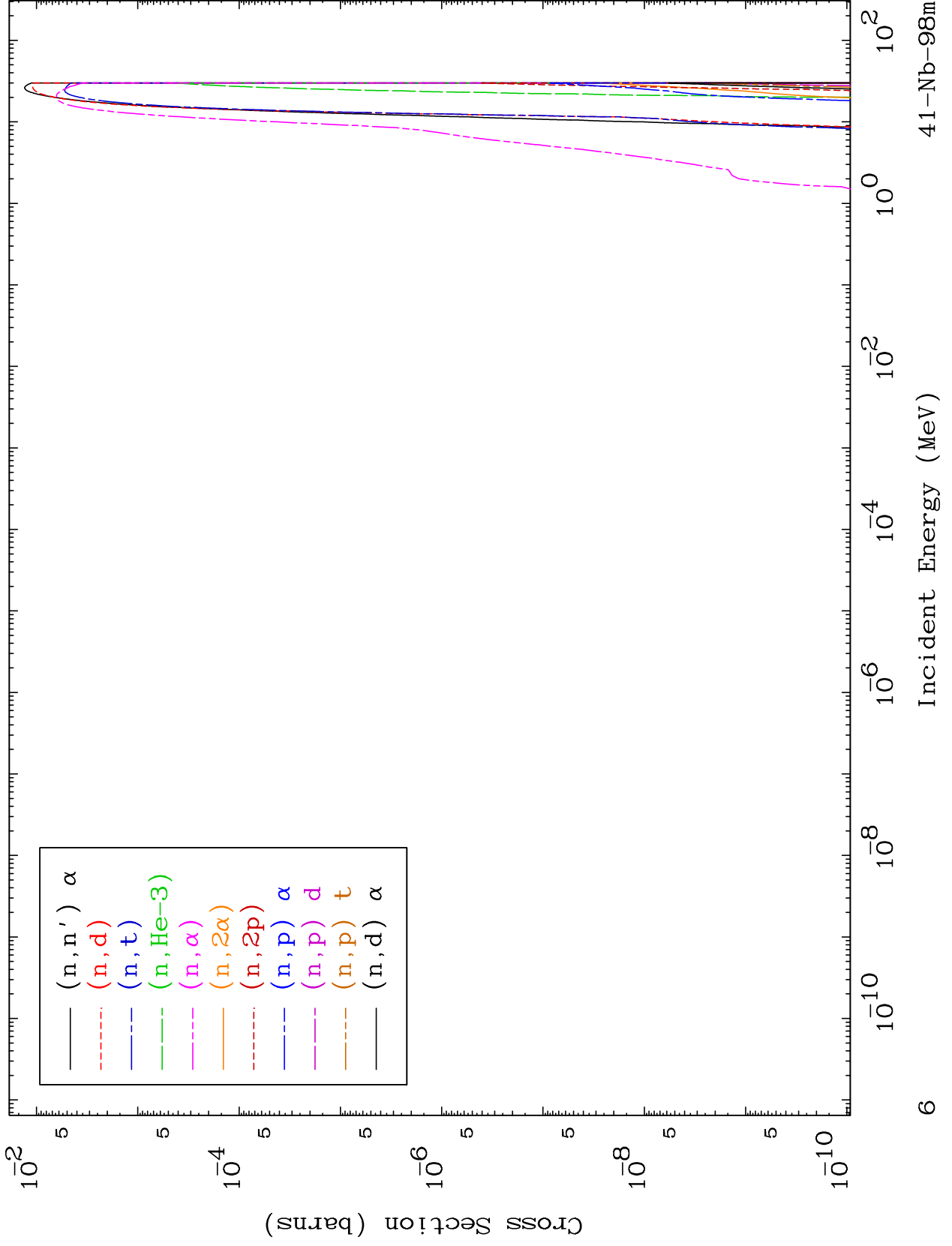
Incident Energy (MeV)

41-Nb-98m

MAT 4141

Charged Particle
293 Kelvin Cross Sections

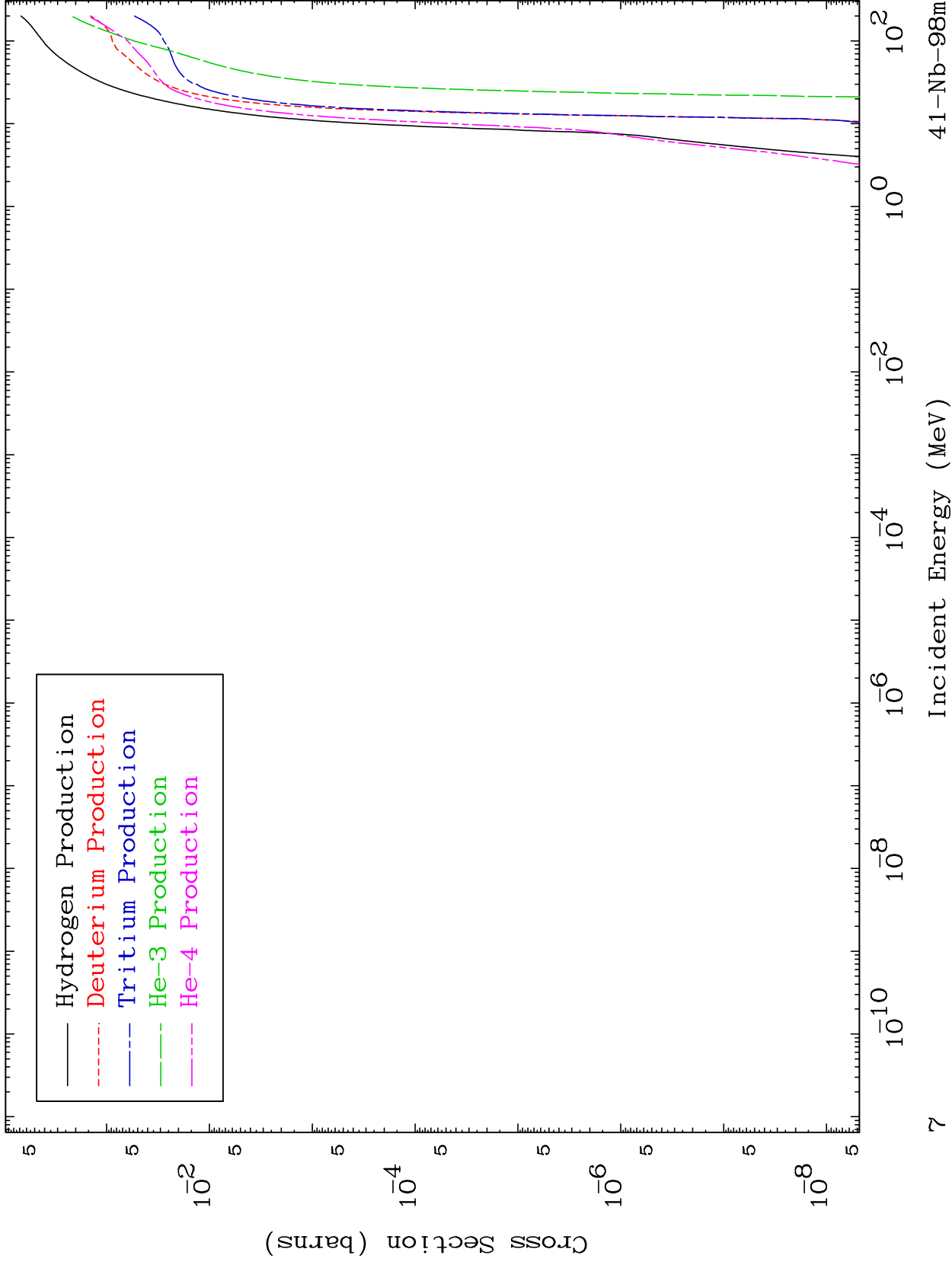
41-Nb-98m



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Particle Production
293 Kelvin Cross Sections

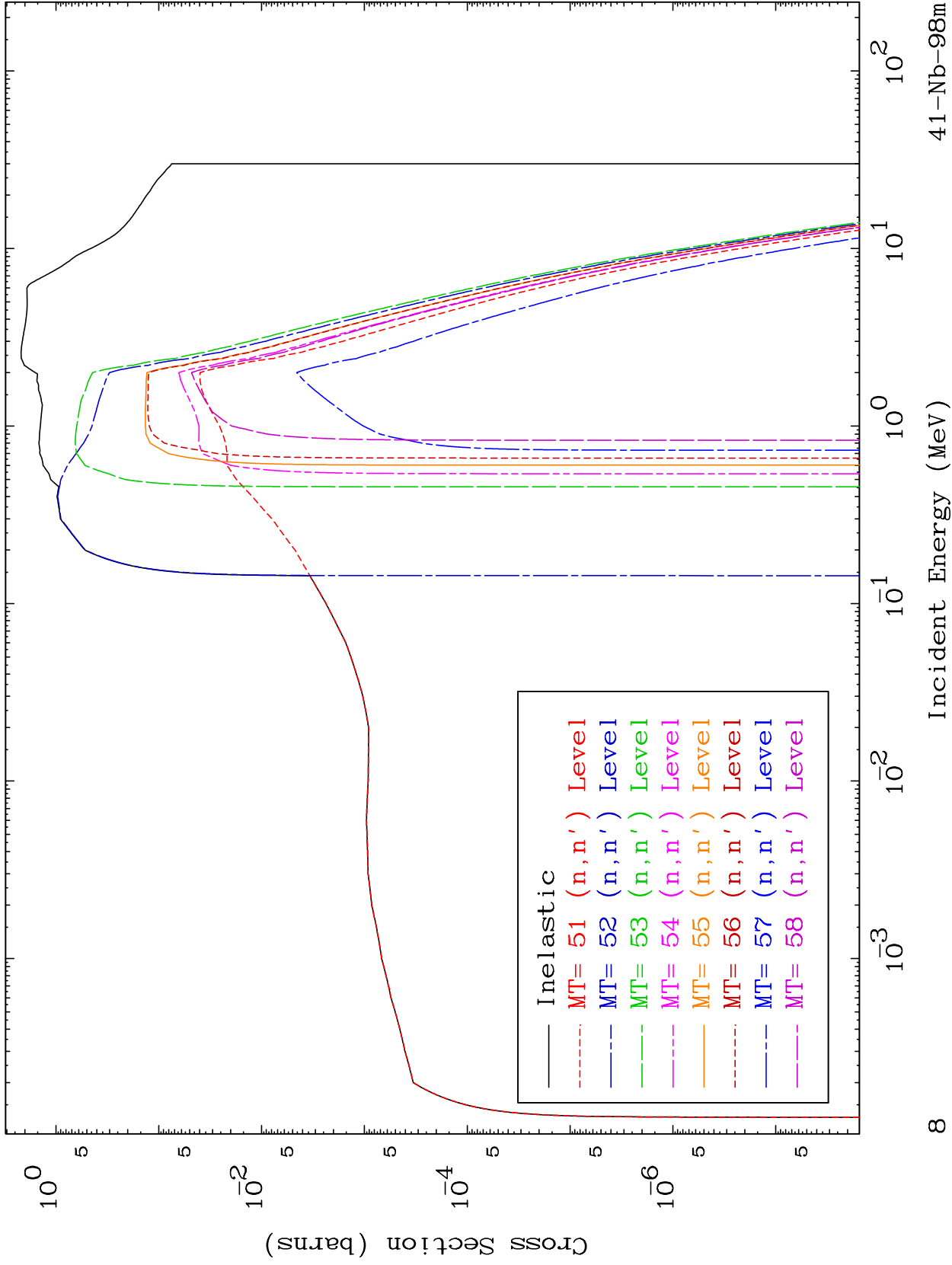
41-Nb-98m



MAT 4141

293 Kelvin Cross Sections
(n,n') Levels

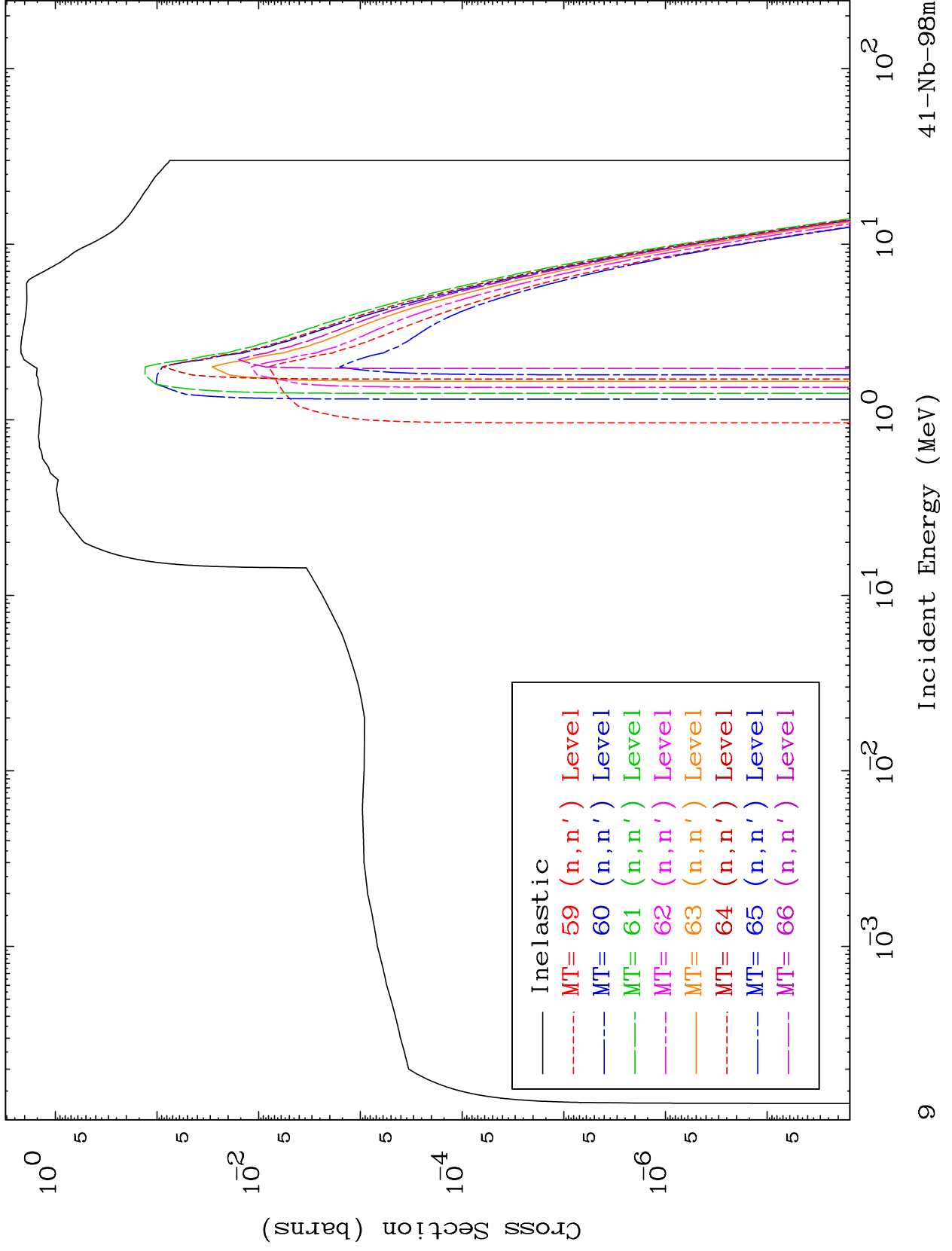
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MAT 4141

293 Kelvin Cross Sections
(n,n') Levels

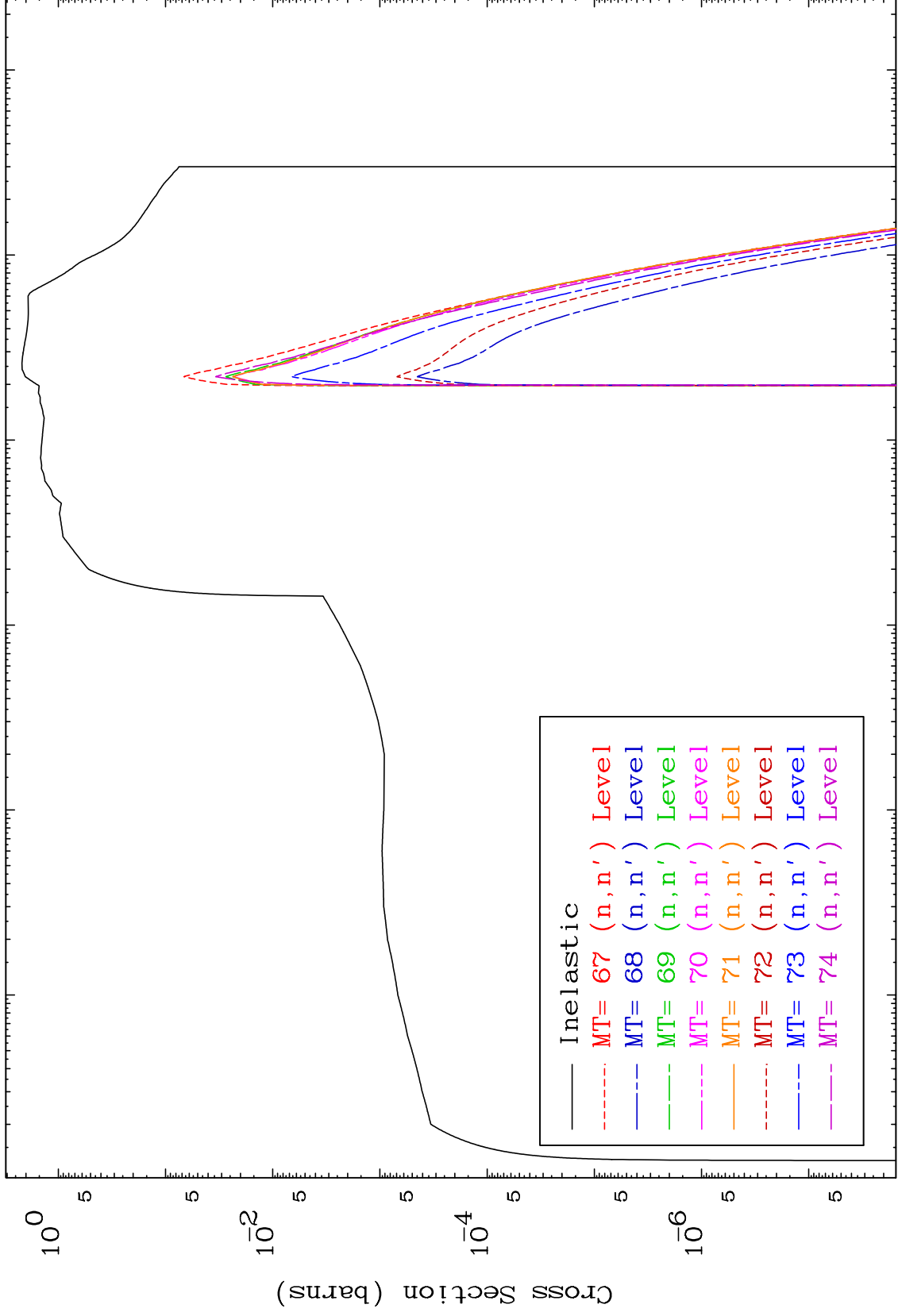
41-Nb-98m



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(n,n') Levels
293 Kelvin Cross Sections

41-Nb-98m



41-Nb-98m

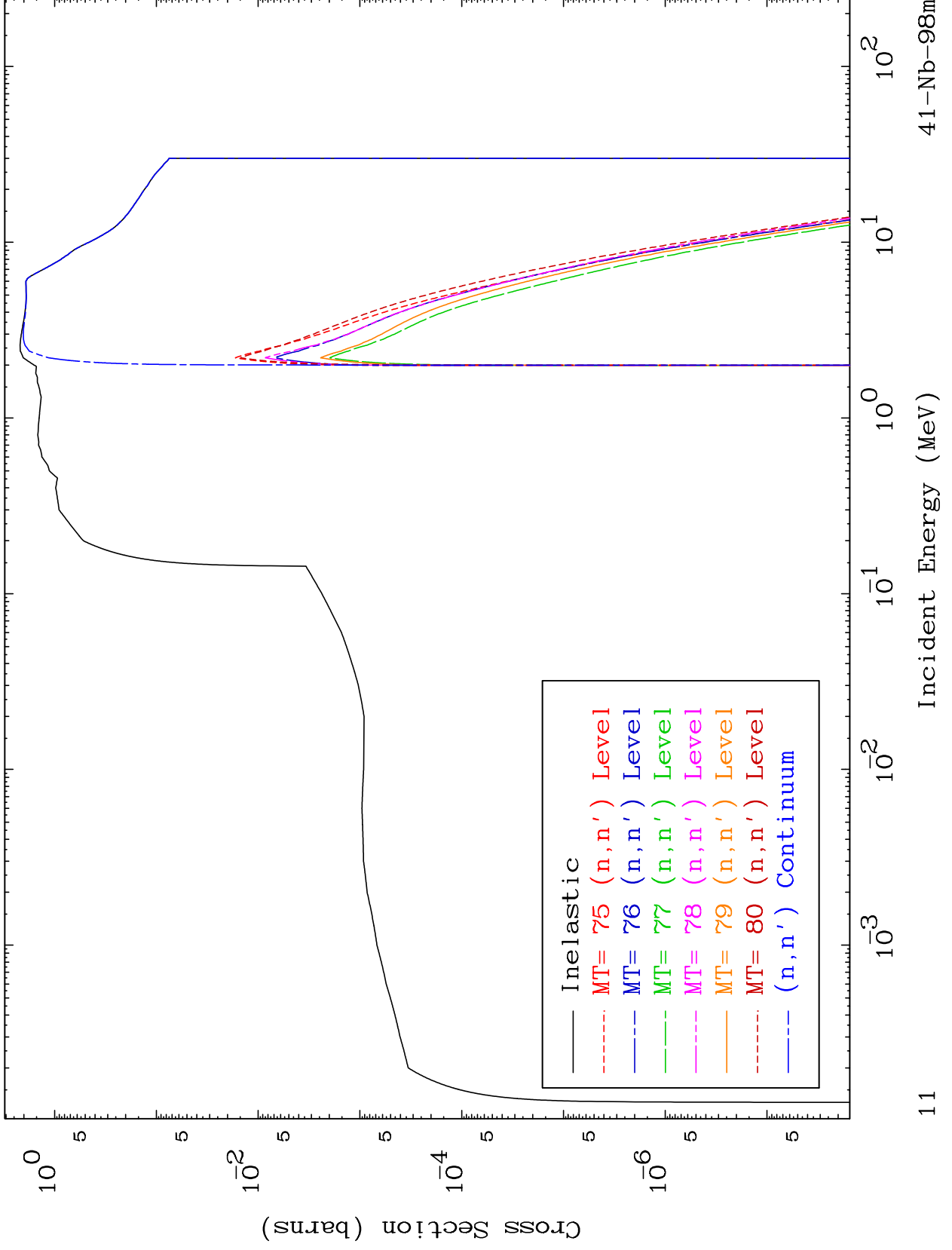
Incident Energy (MeV)

10

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293 Kelvin Cross Sections
(n,n') Levels

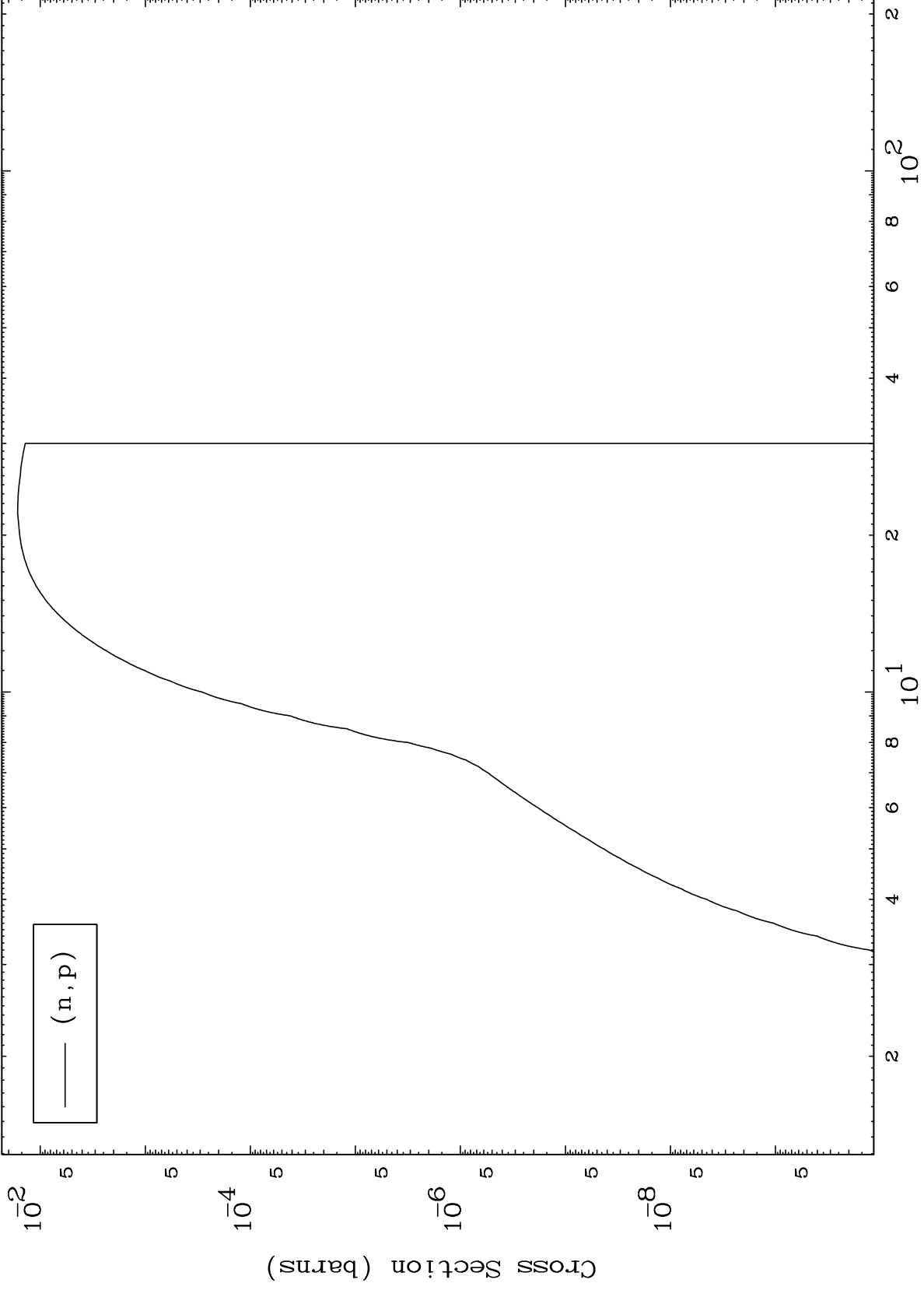
41-Nb-98m



MAT 4141

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-98m



12

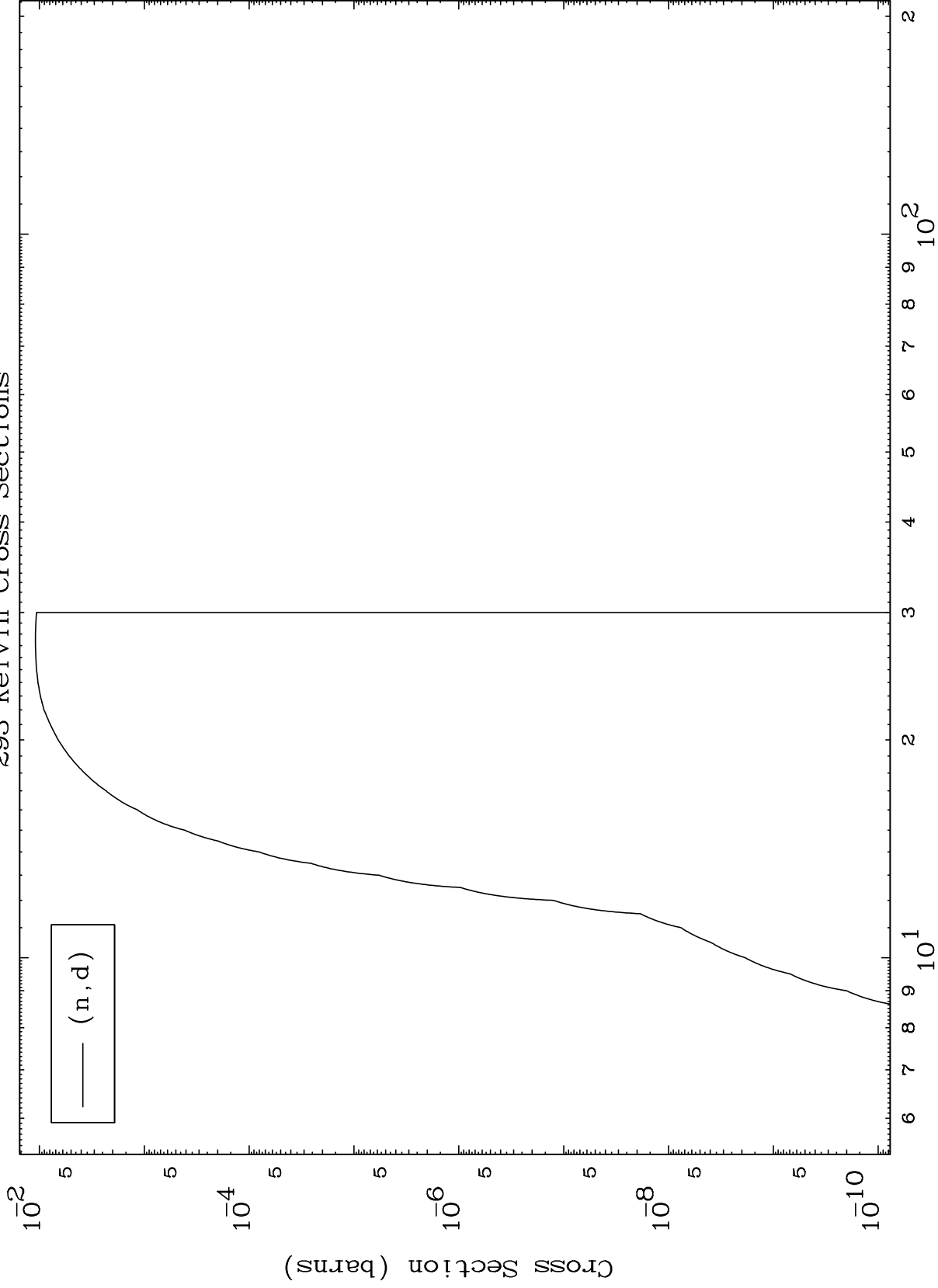
Incident Energy (MeV)

41-Nb-98m

MAT 4141

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-98m



13

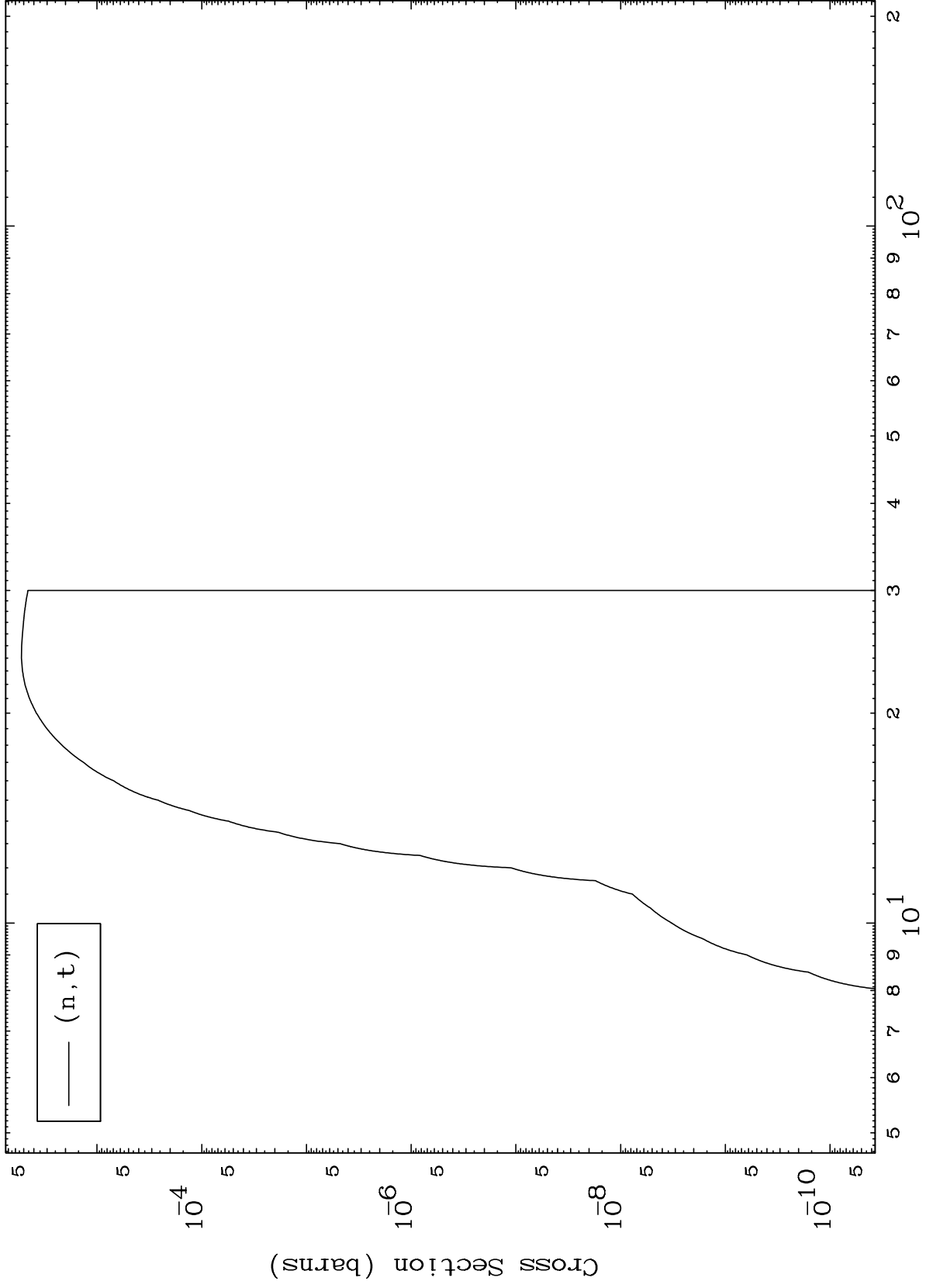
Incident Energy (MeV)

41-Nb-98m

MAT 4141

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-98m



14

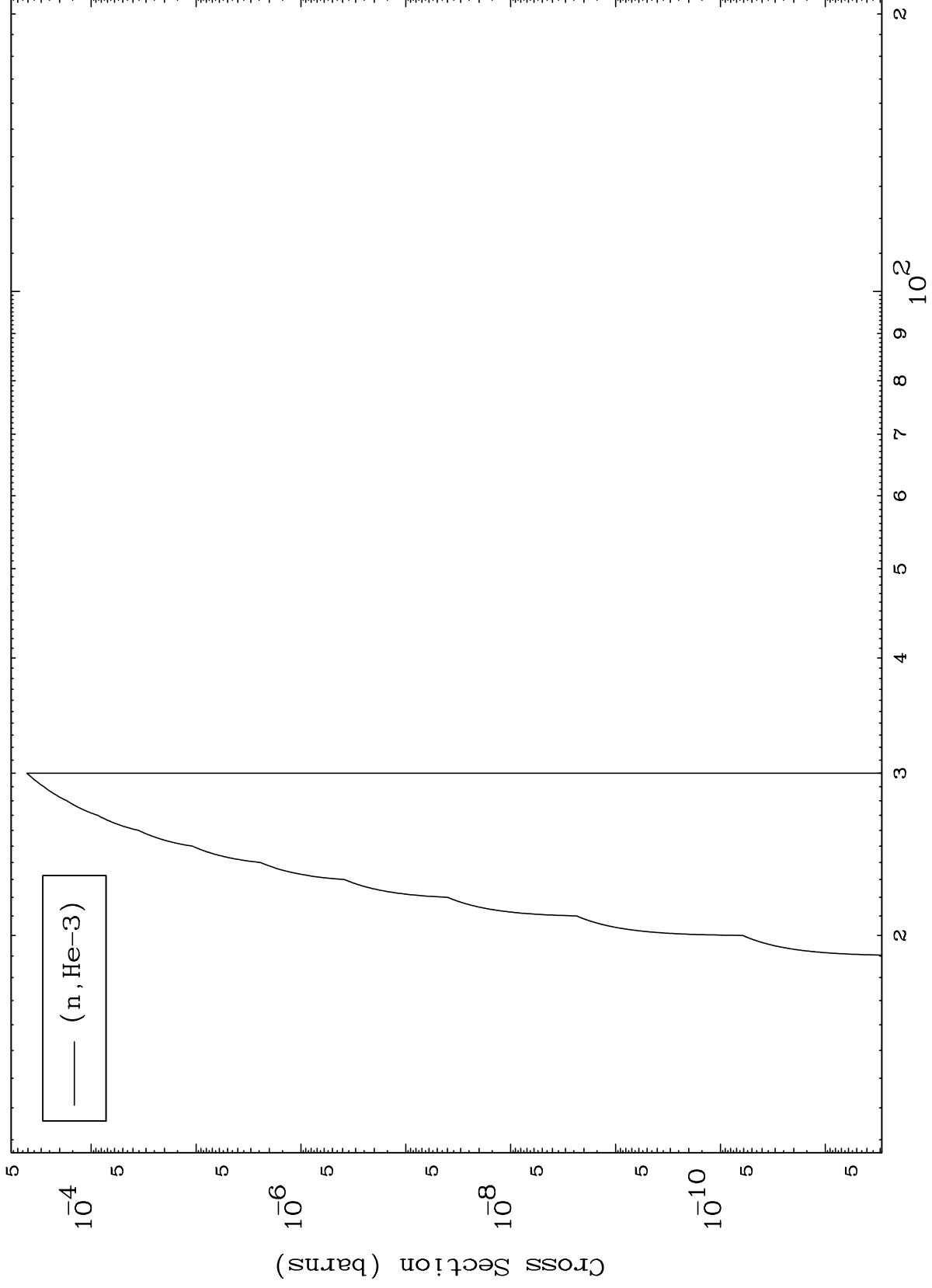
Incident Energy (MeV)

41-Nb-98m

MAT 4141

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-98m



15

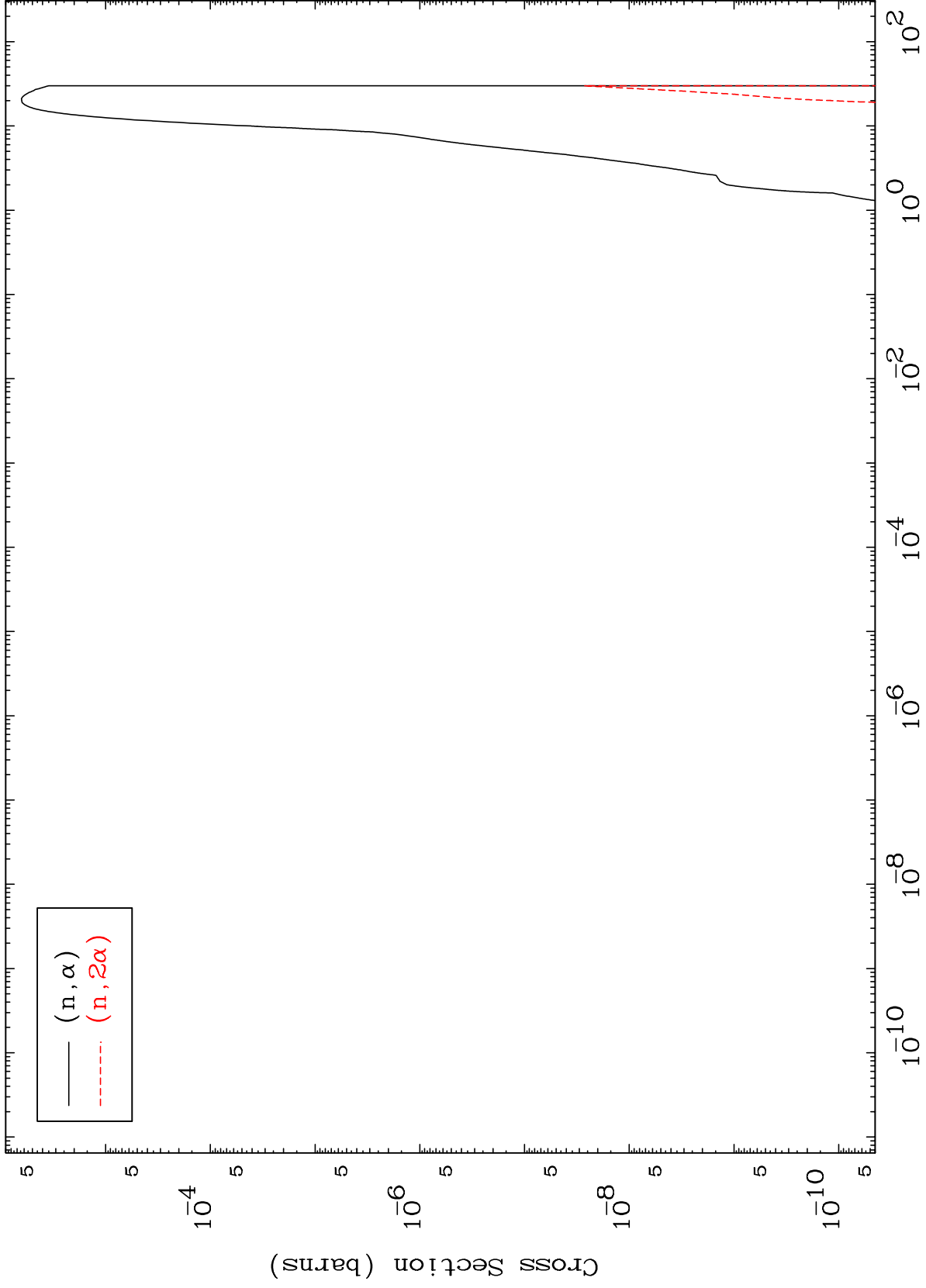
Incident Energy (MeV)

41-Nb-98m

MAT 4141

(n, α) Levels
293 Kelvin Cross Sections

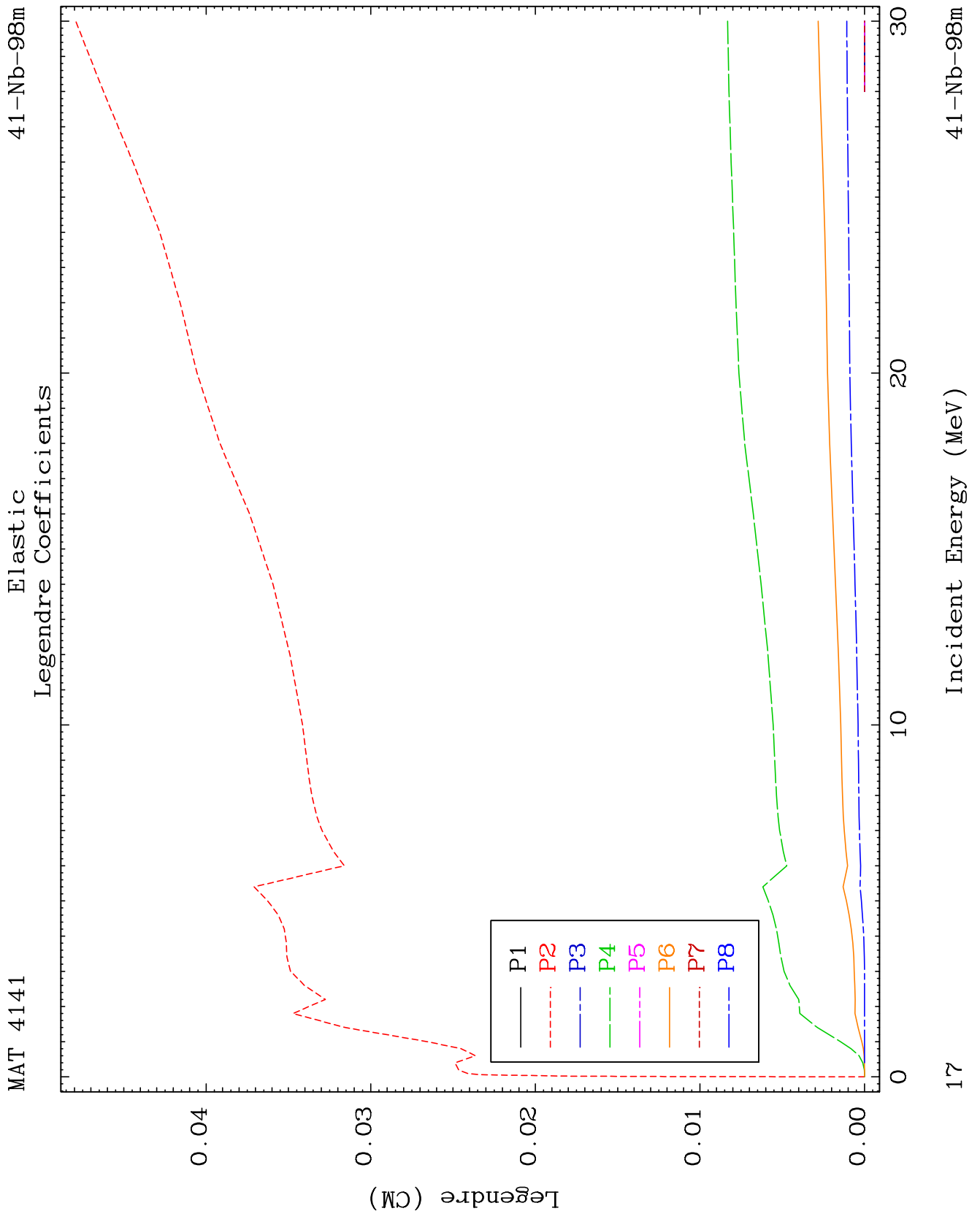
41-Nb-98m



16

Incident Energy (MeV)

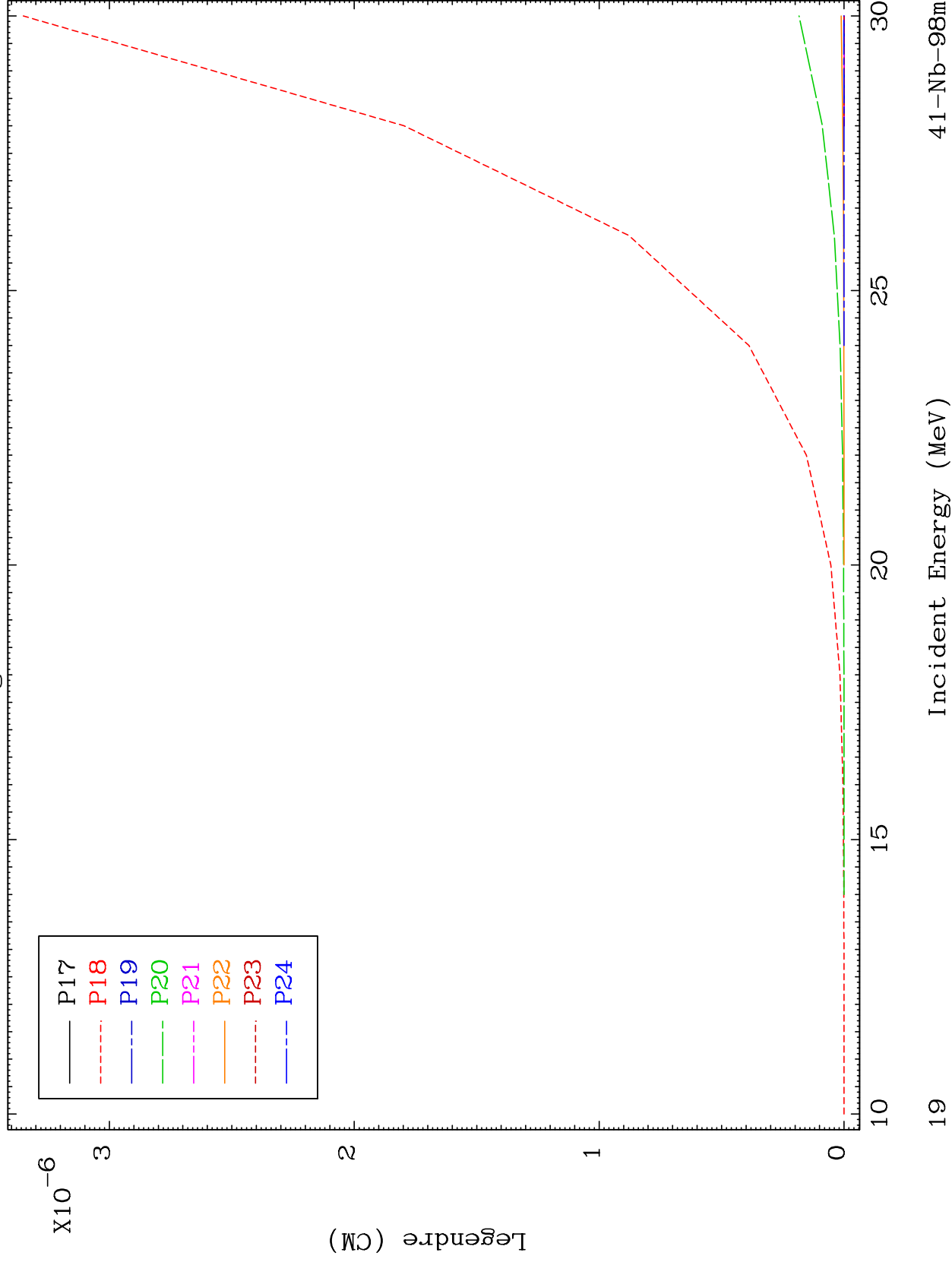
41-Nb-98m



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Elastic Legendre Coefficients

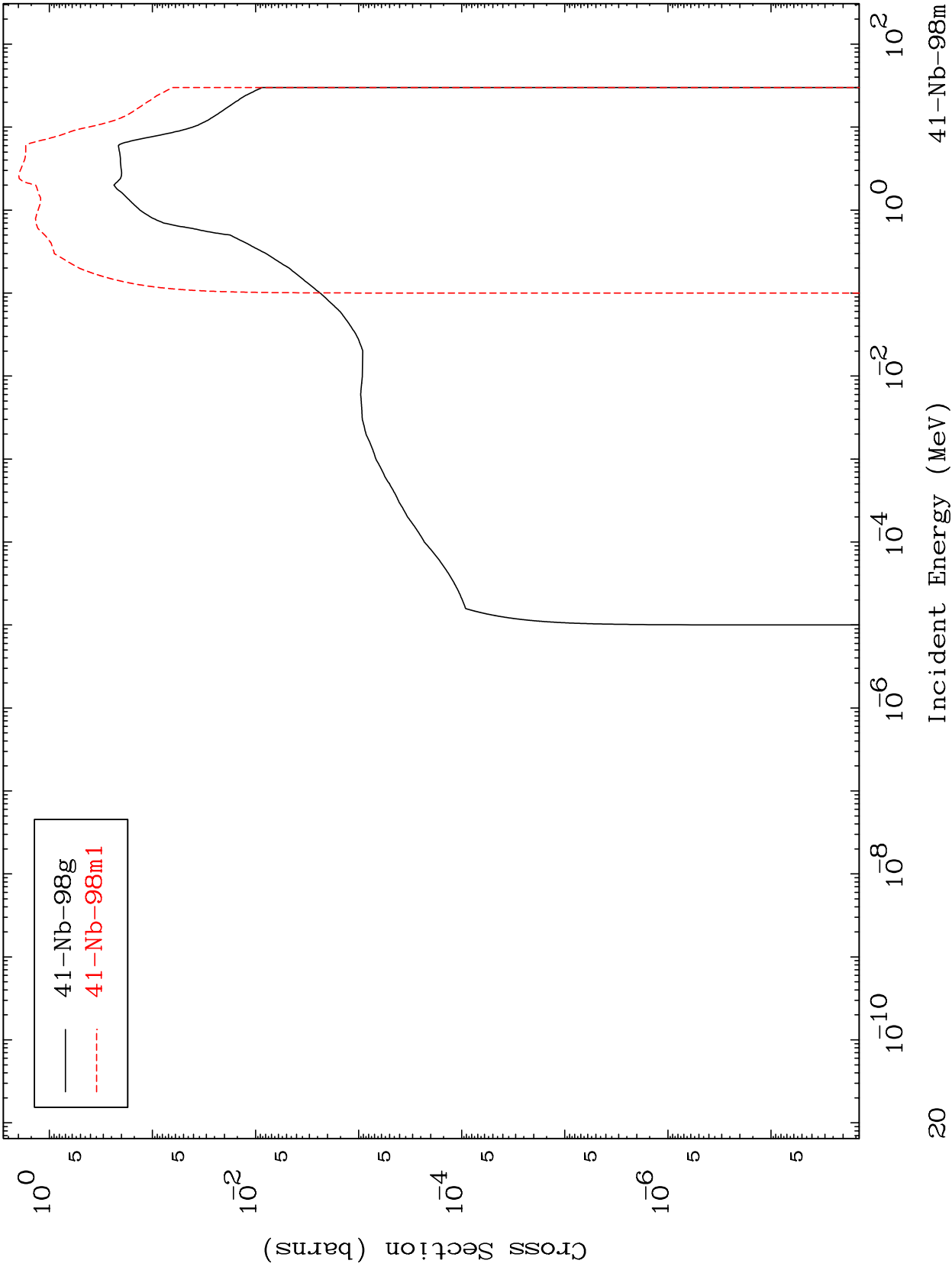
41-Nb-98m



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Inelastic
Radionuclide Production Cross Section

41-Nb-98m



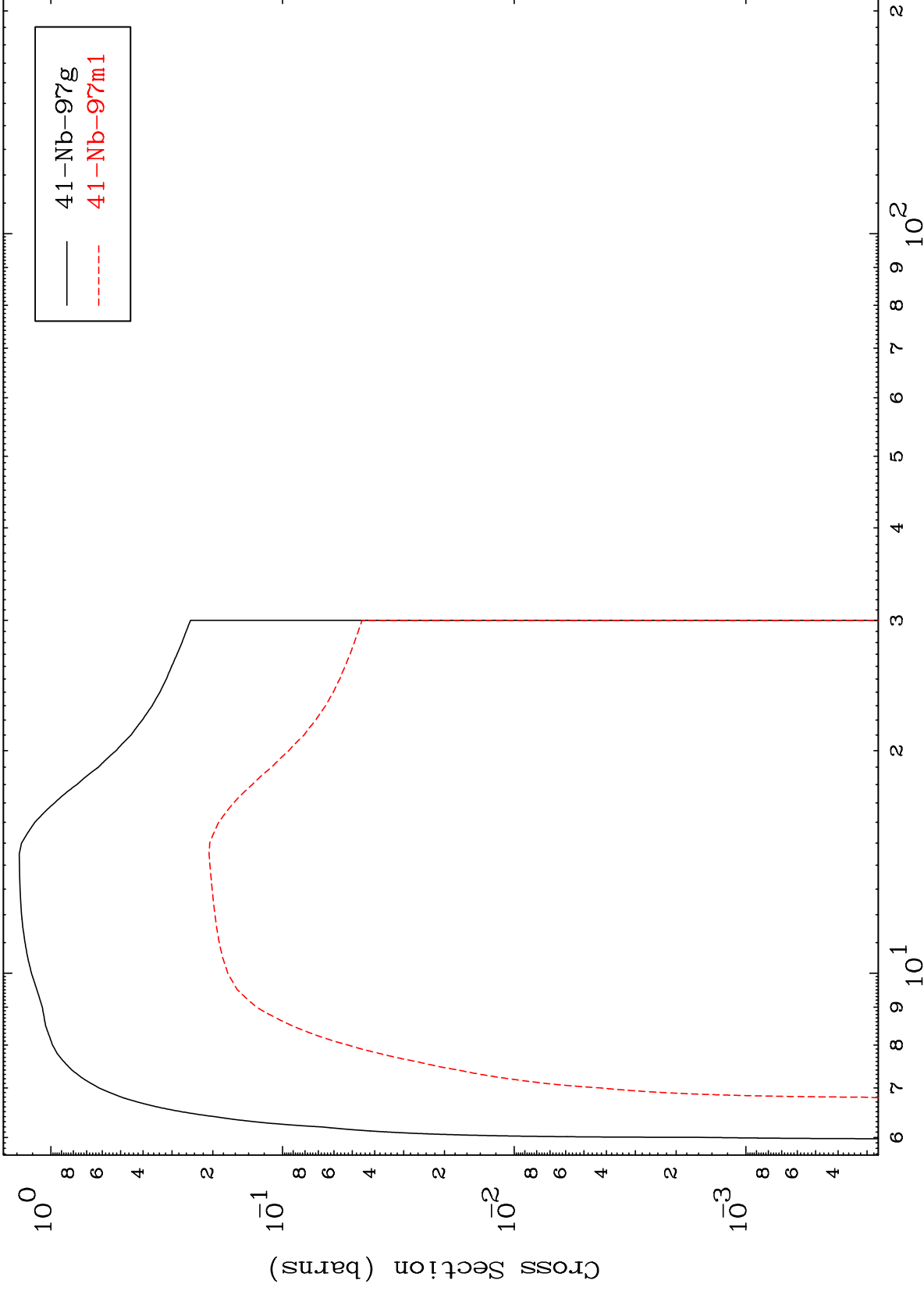
— 41-Nb-98g
- - - 41-Nb-98m1

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(n,2n)

41-Nb-98m

Radionuclide Production Cross Section



21

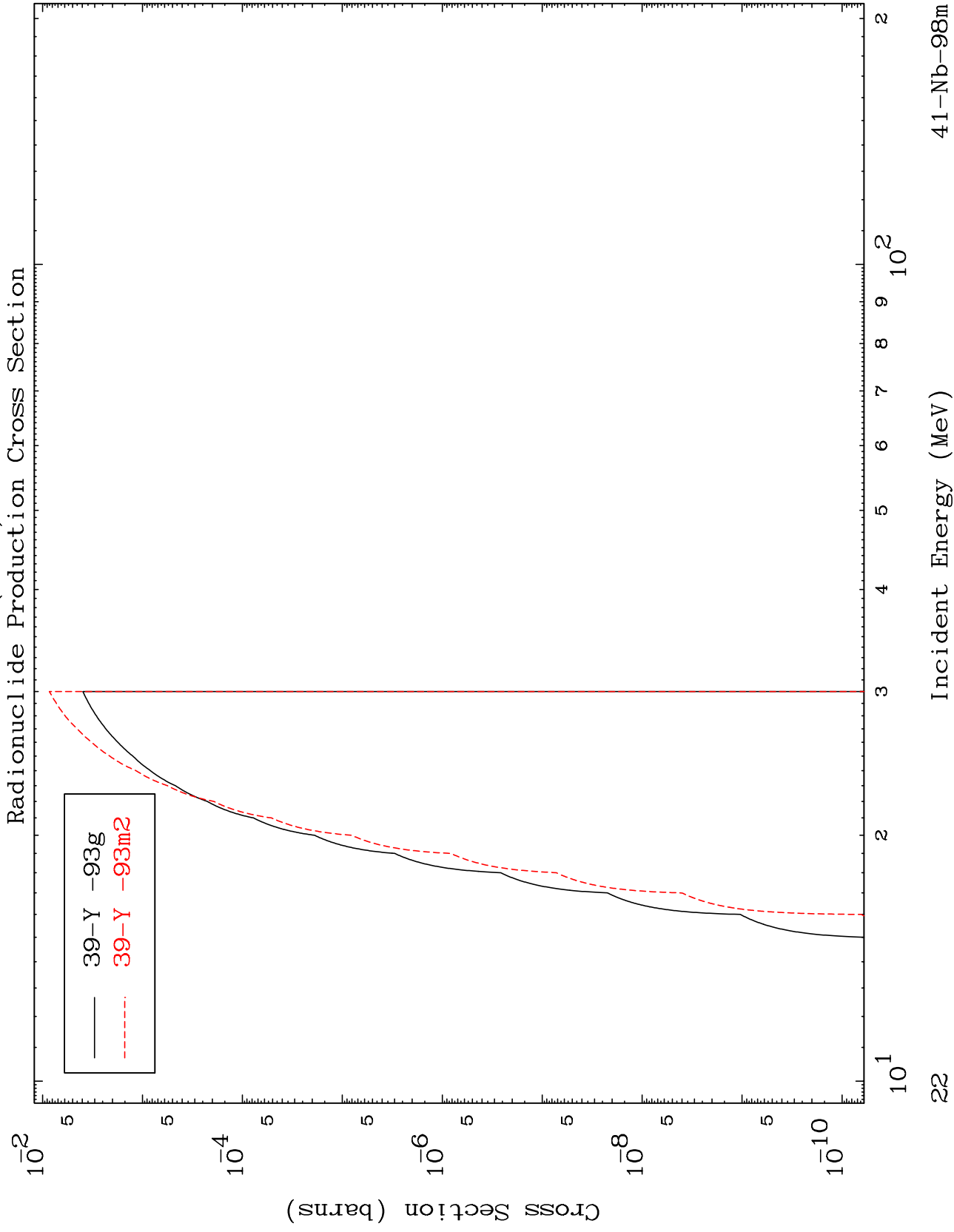
Incident Energy (MeV)

41-Nb-98m

MAT 4141

(n,2n) α

41-Nb-98m

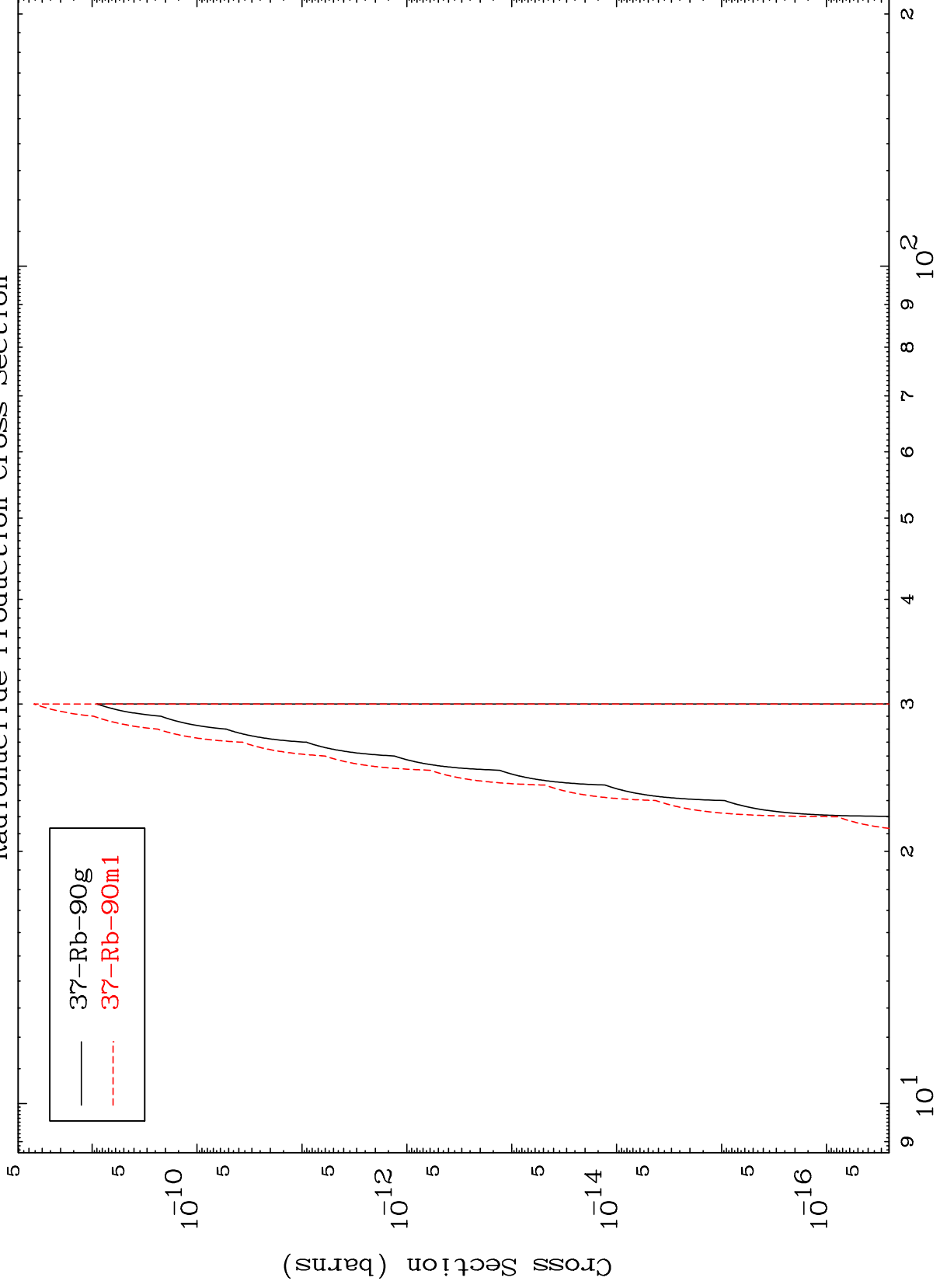


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(n,n') 2 α

41-Nb-98m

Radionuclide Production Cross Section



23

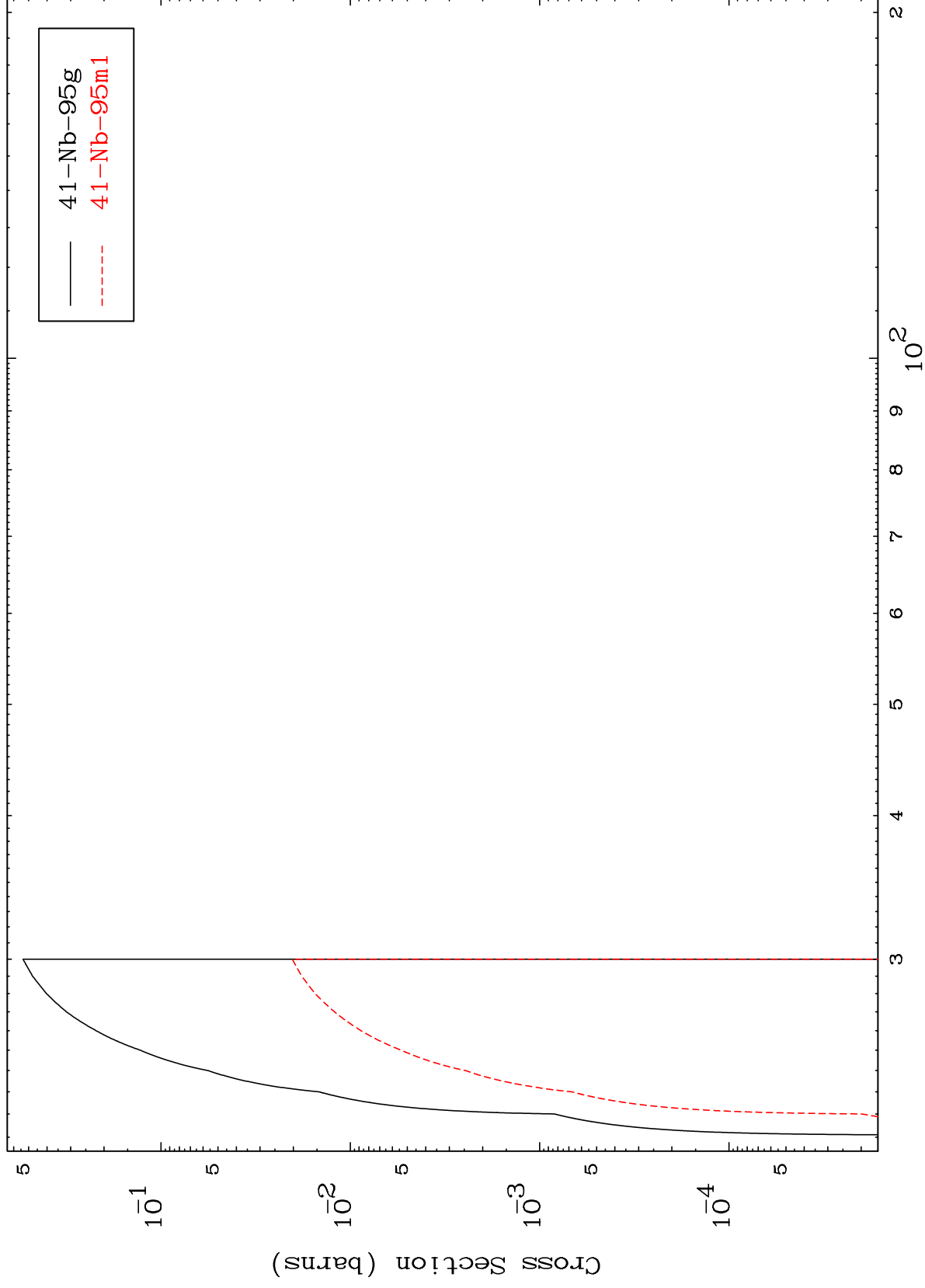
Incident Energy (MeV)

41-Nb-98m

MAT 4141

41-Nb-98m

(n,4n)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

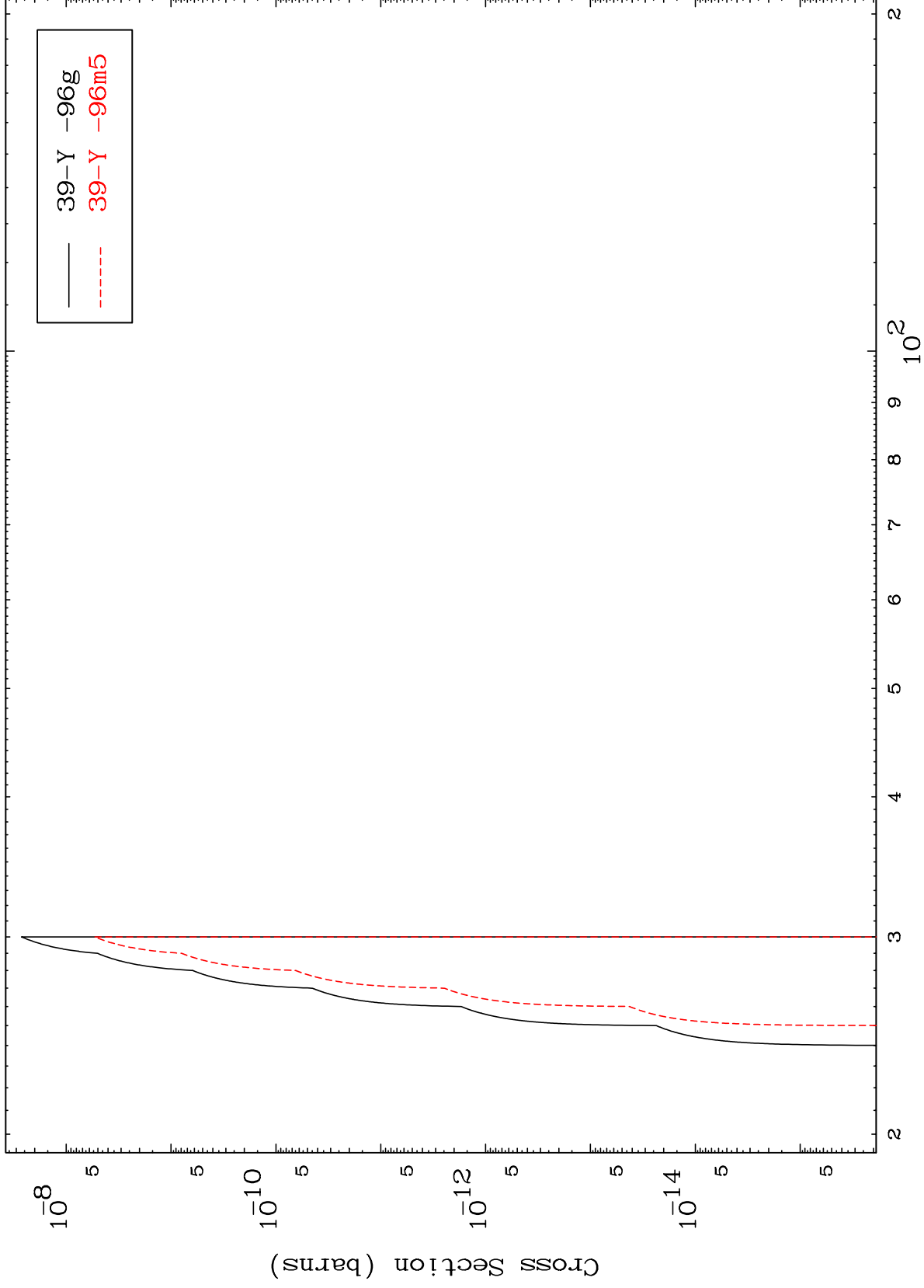
41-Nb-98m

MAT 4141

(n,2n) p

41-Nb-98m

Radionuclide Production Cross Section



25

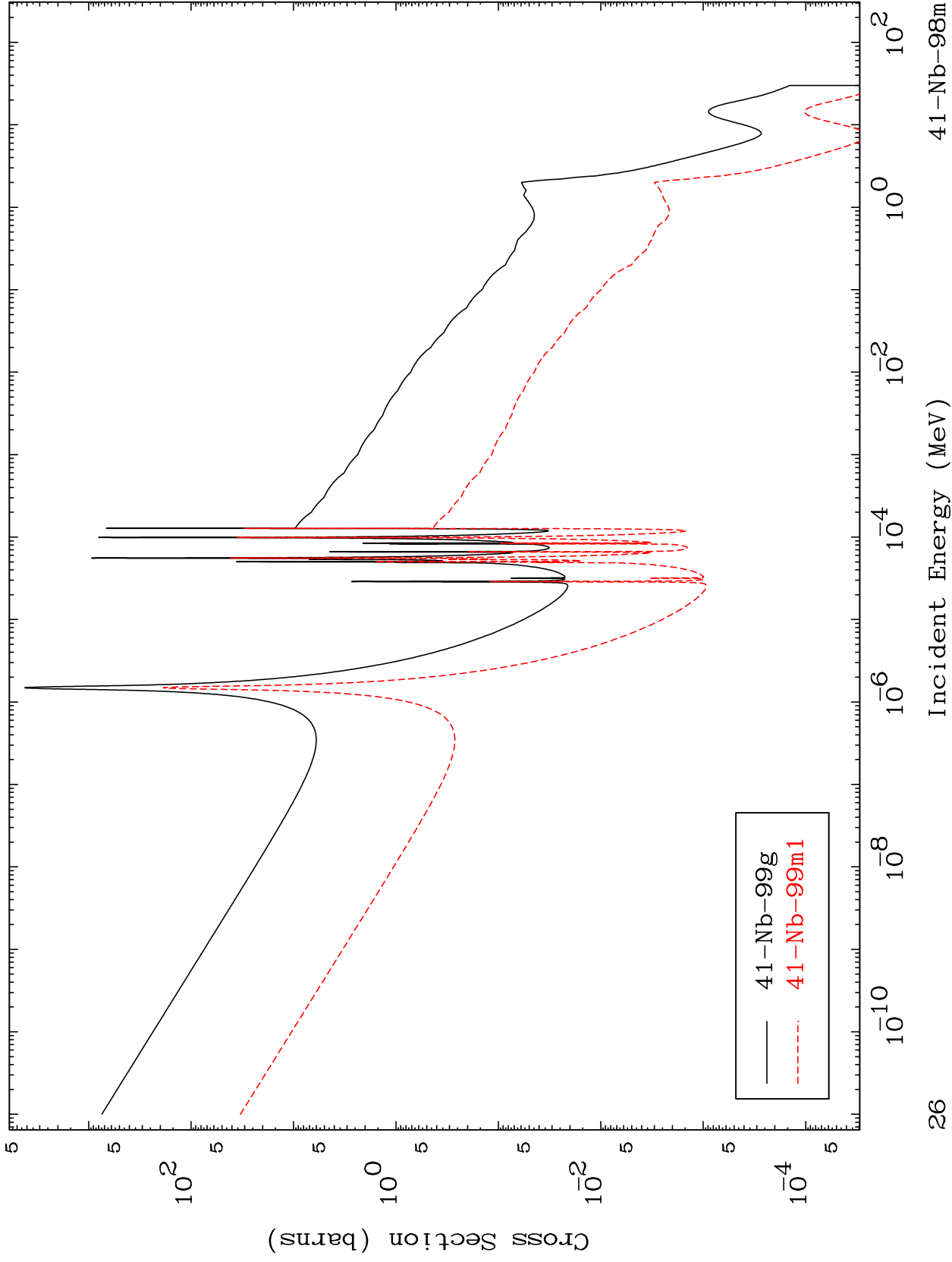
Incident Energy (MeV)

41-Nb-98m

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41-Nb-98m

(n, γ)
Radionuclide Production Cross Section



26

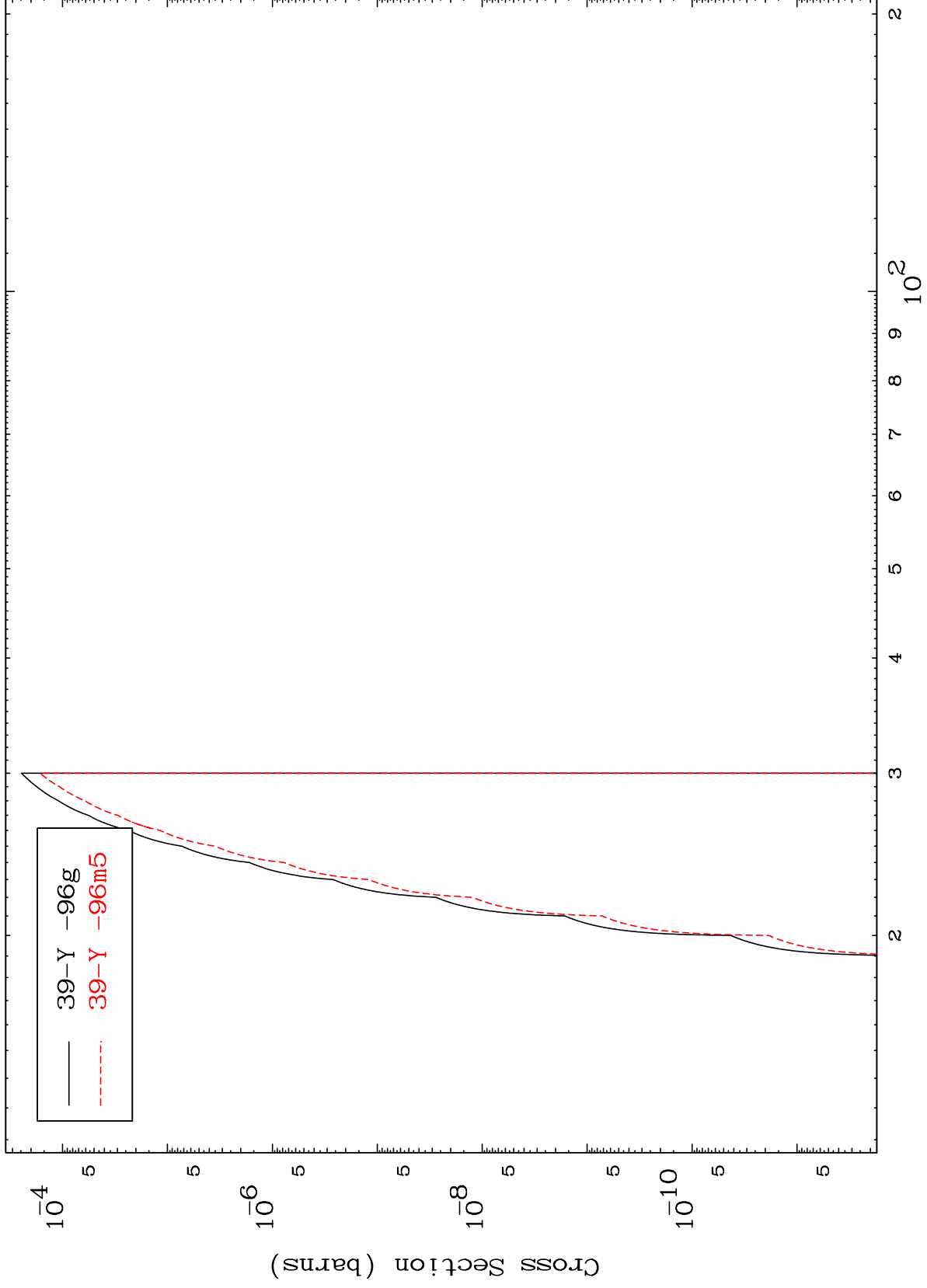
41-Nb-98m

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(n,He-3)

41-Nb-98m

Radionuclide Production Cross Section



27

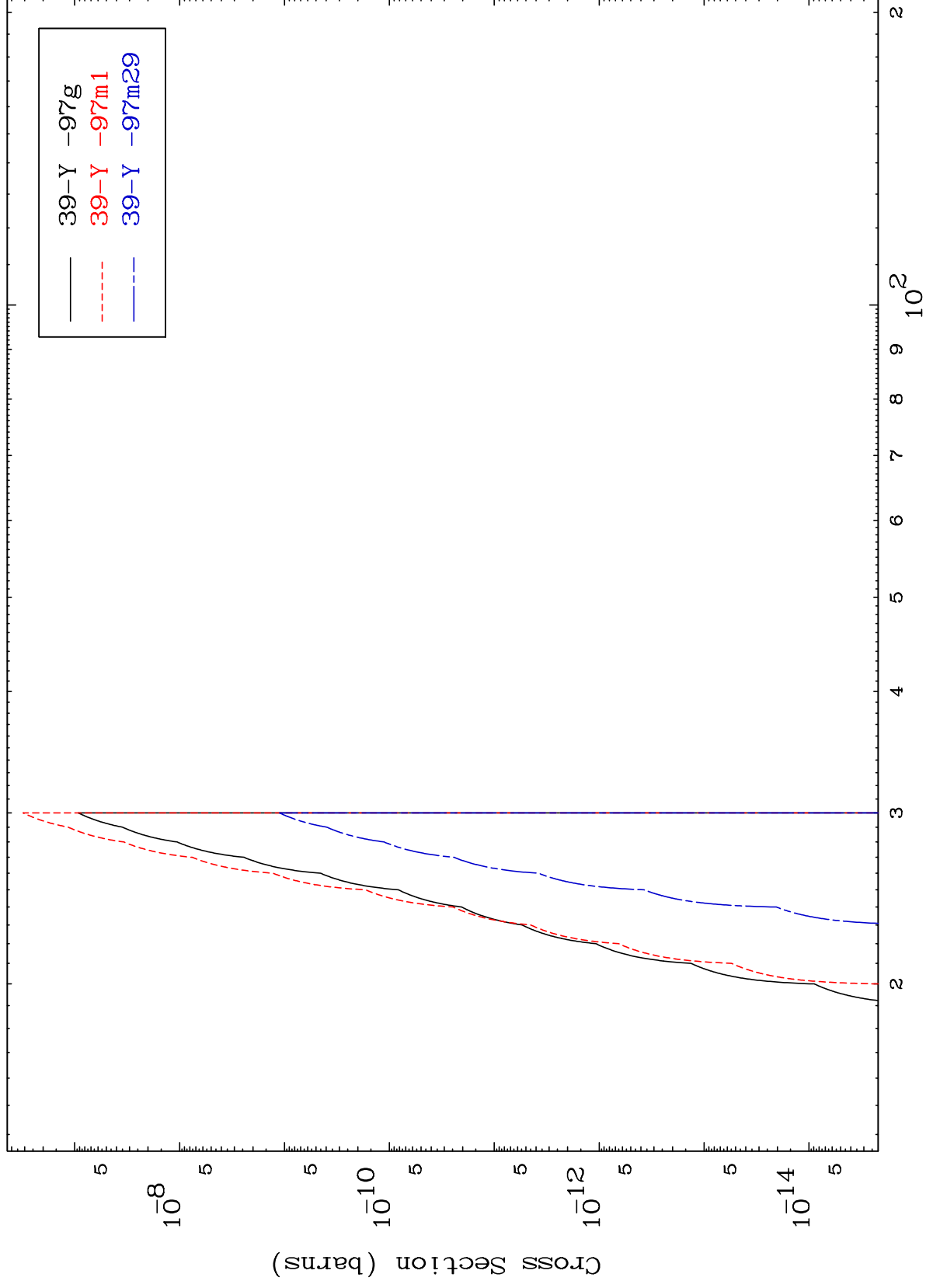
Incident Energy (MeV)

41-Nb-98m

MAT 4141

41-Nb-98m

(n,2p)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

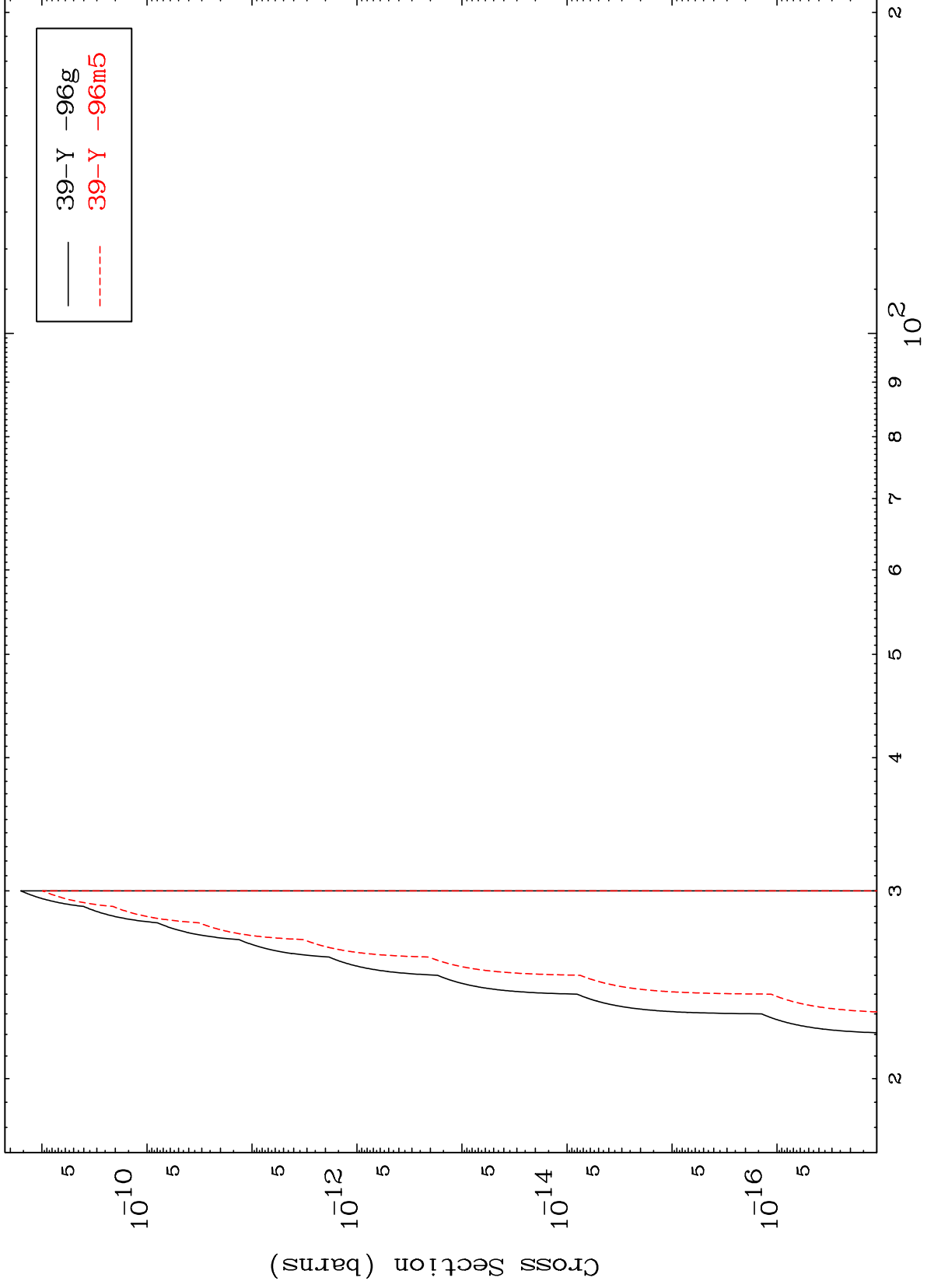
41-Nb-98m

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(n,p) d

41-Nb-98m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

41-Nb-98m