

Program EVALPLOT  
(Version 2018-1)

by

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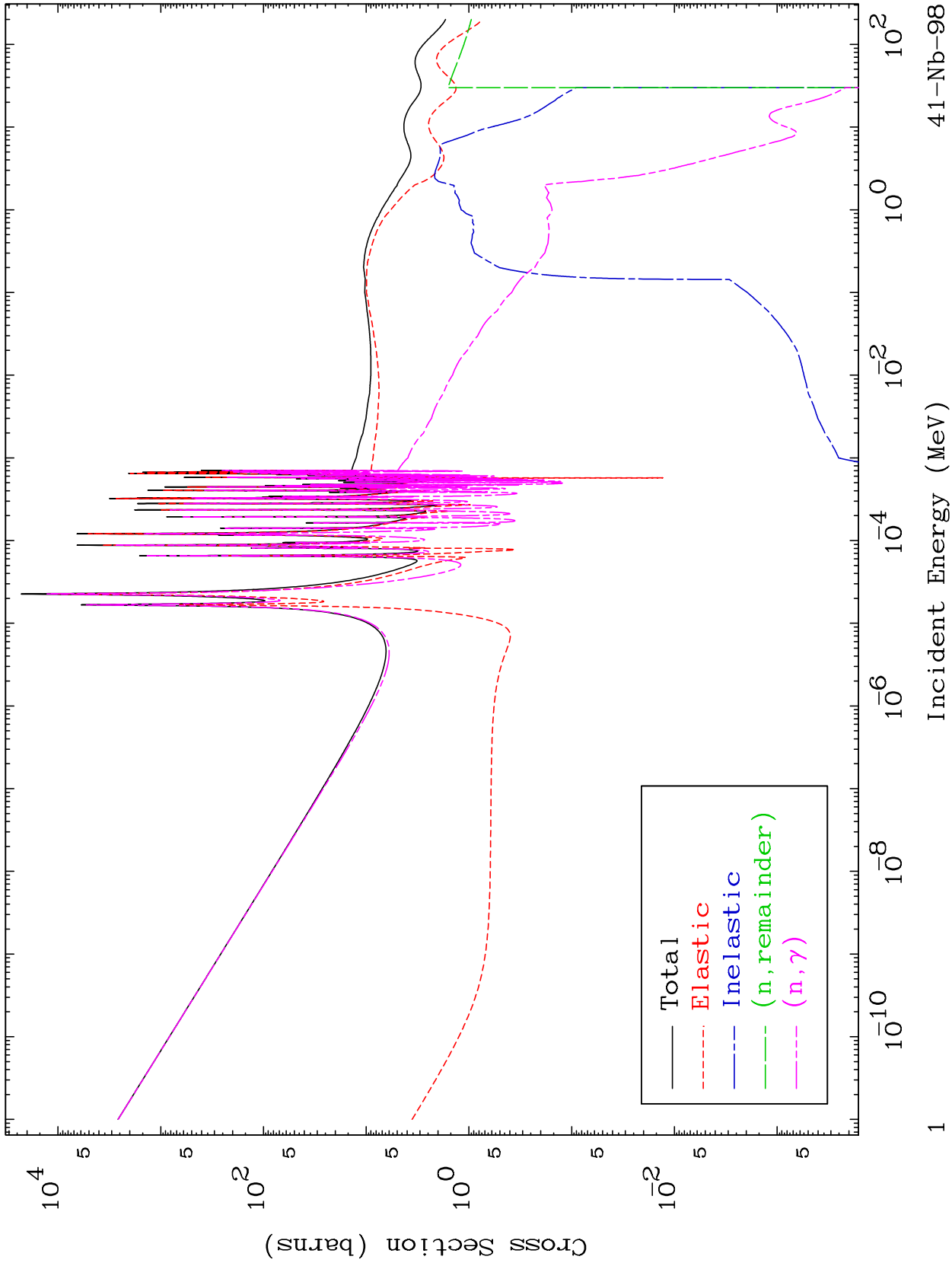
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4141

Major  
293 Kelvin Cross Sections

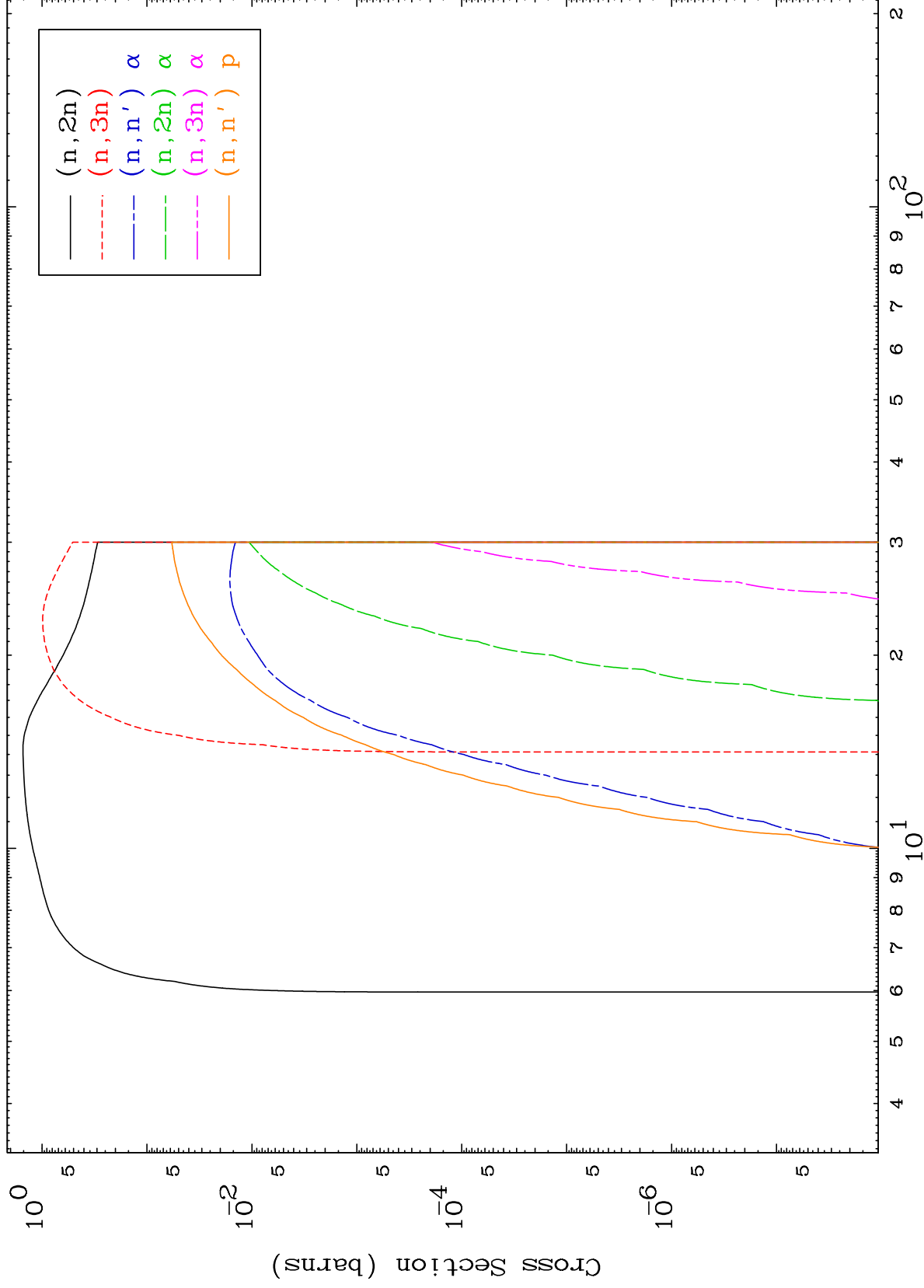
41-Nb-98



MAT 4141

### Neutron Production 293 Kelvin Cross Sections

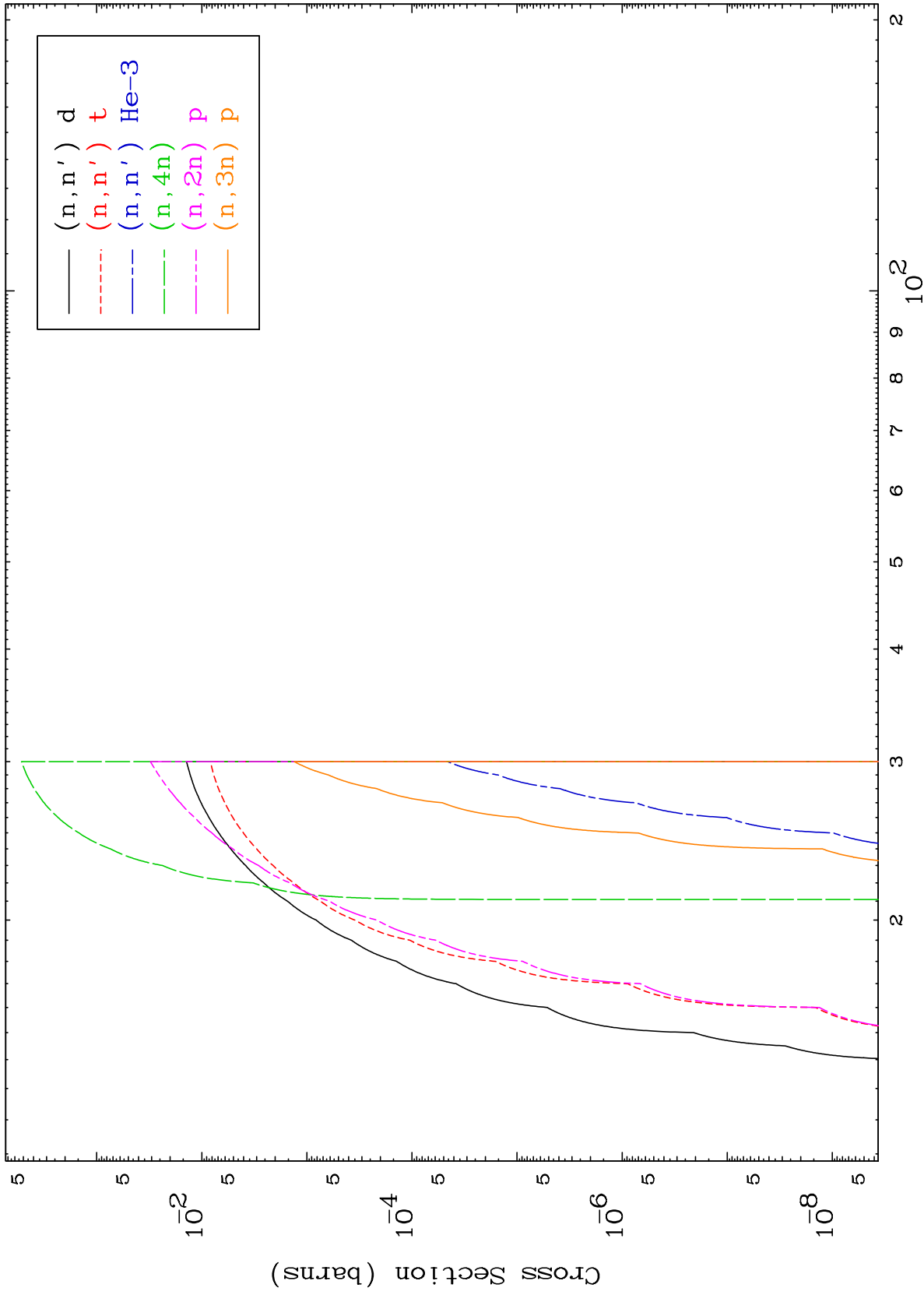
41-Nb-98

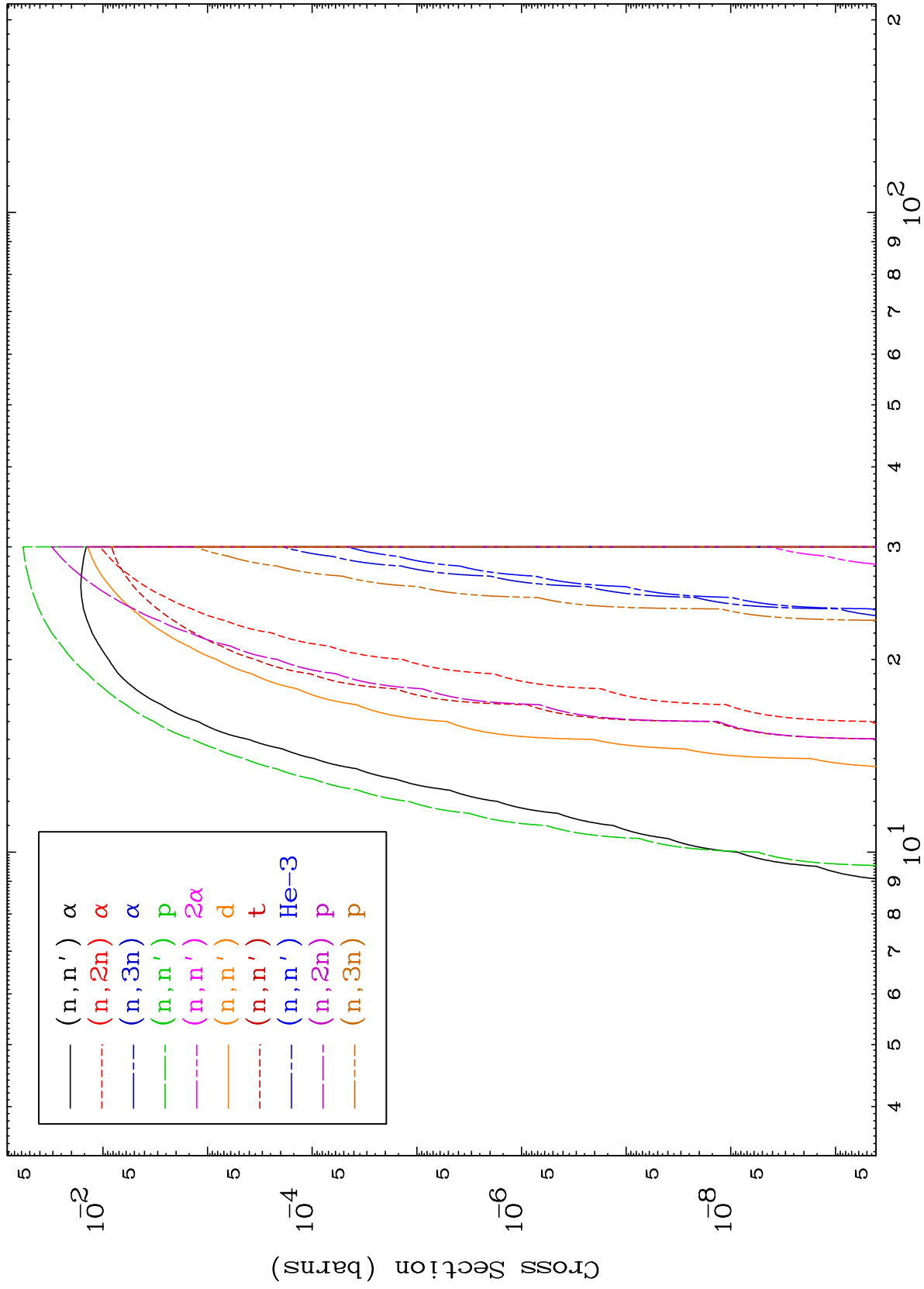


2

Incident Energy (MeV)

41-Nb-98

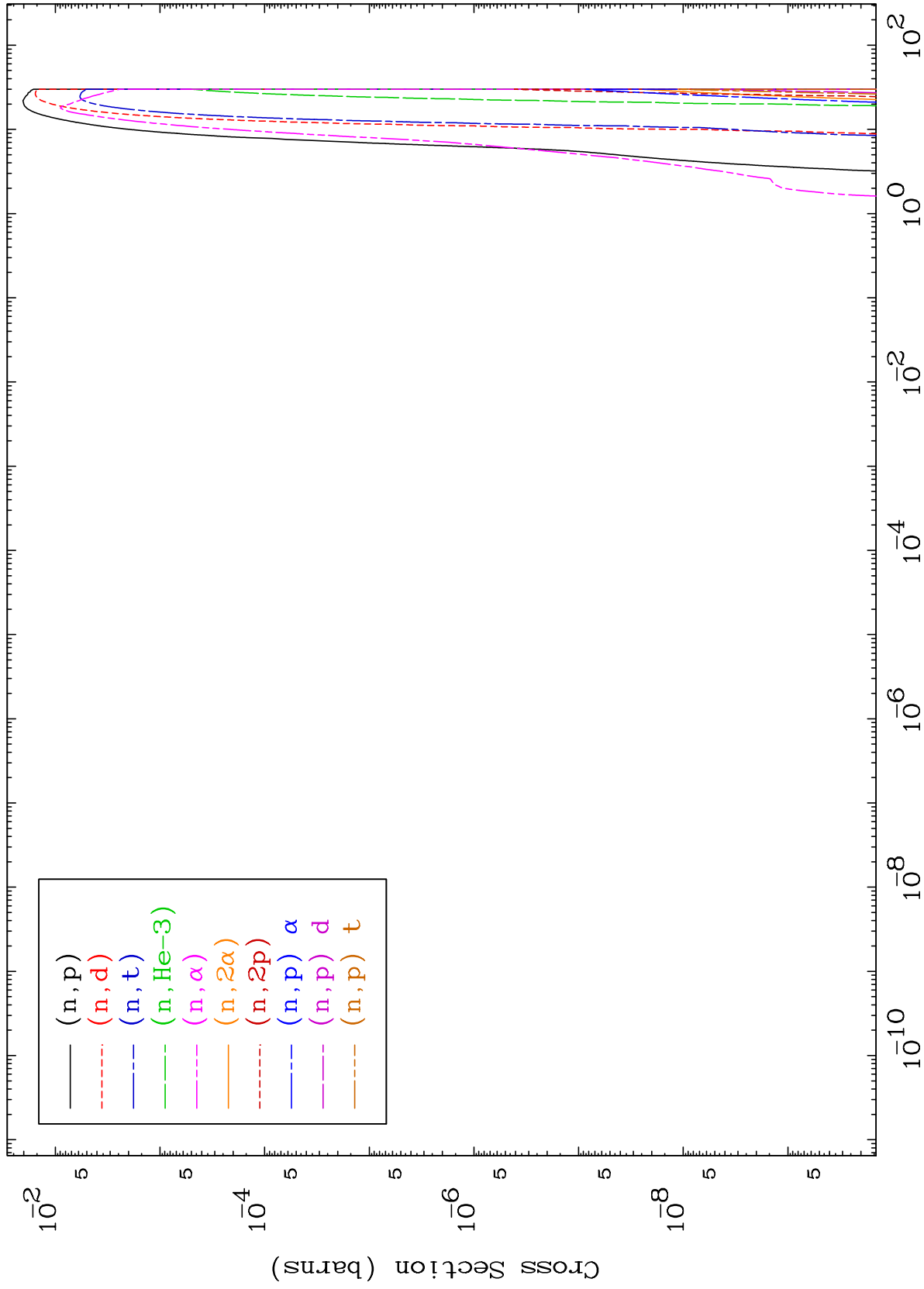




MAT 4141

Charged Particle  
293 Kelvin Cross Sections

41-Nb-98



5

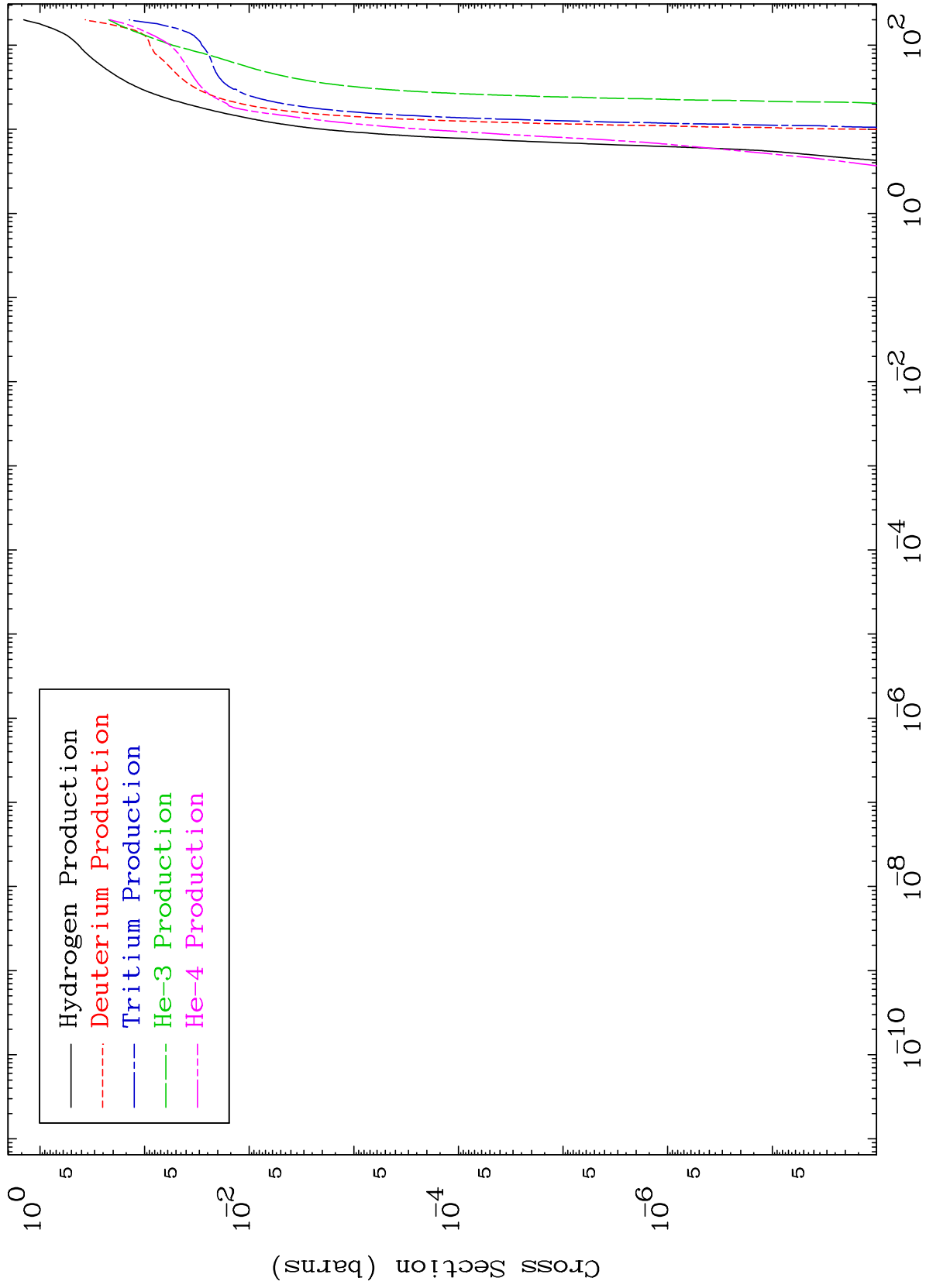
Incident Energy (MeV)

41-Nb-98

MAT 4141

Particle Production  
293 Kelvin Cross Sections

41-Nb-98



6

Incident Energy (MeV)

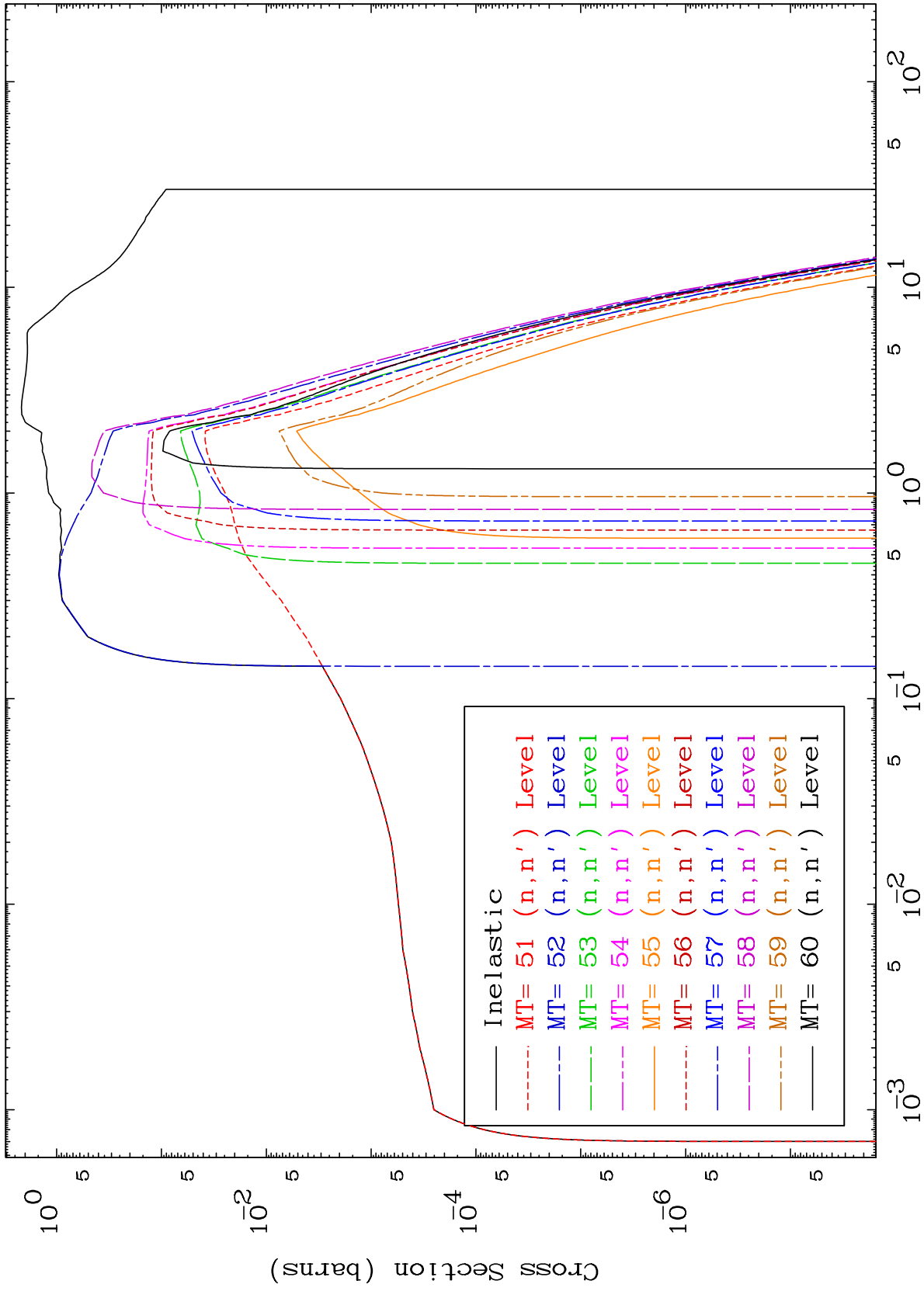
41-Nb-98

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293 Kelvin Cross Sections

(n,n') Level

41-Nb-98



7

Incident Energy (MeV)

41-Nb-98

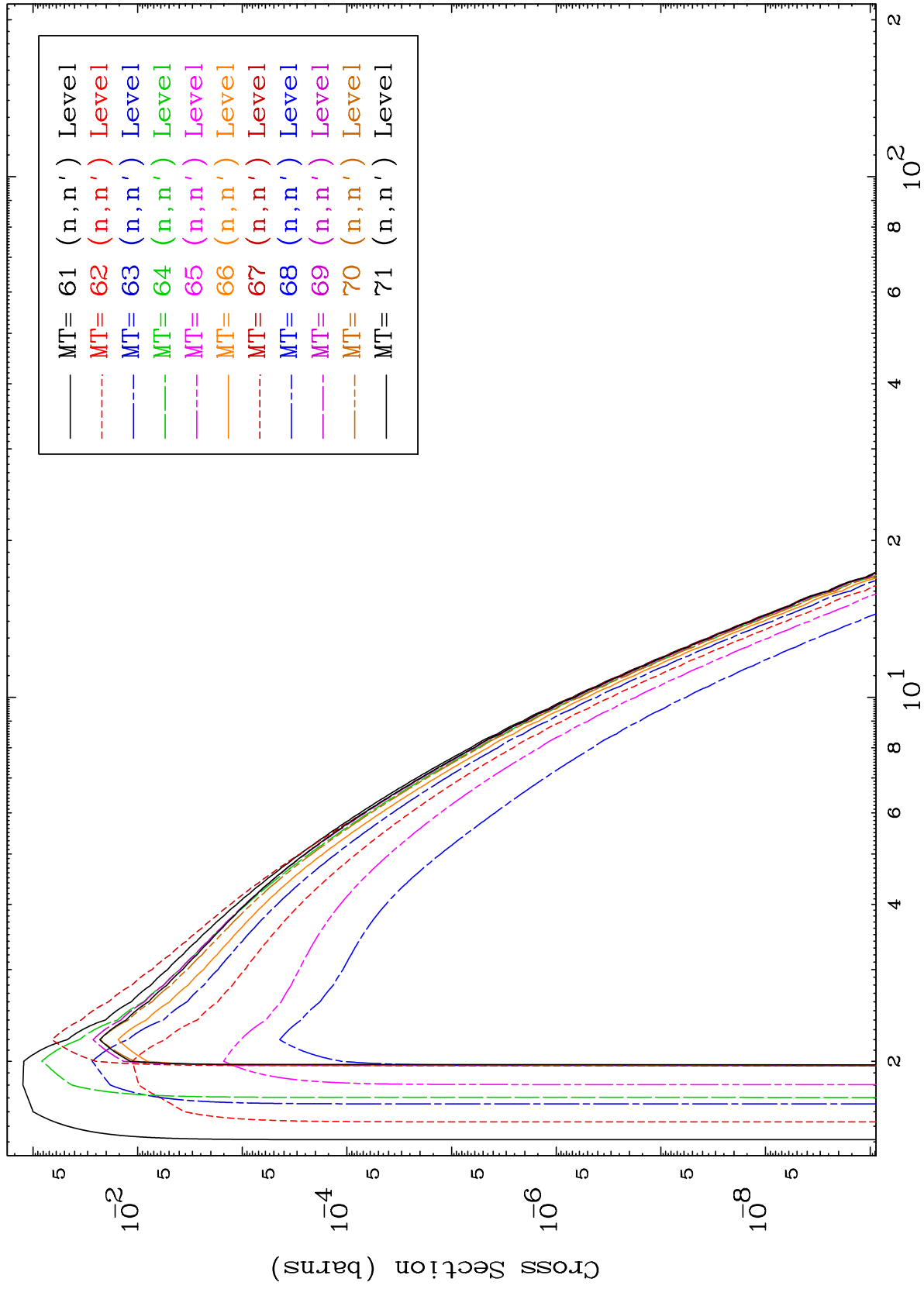


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(n,n') Level

41-Nb-98

293 Kelvin Cross Sections



8

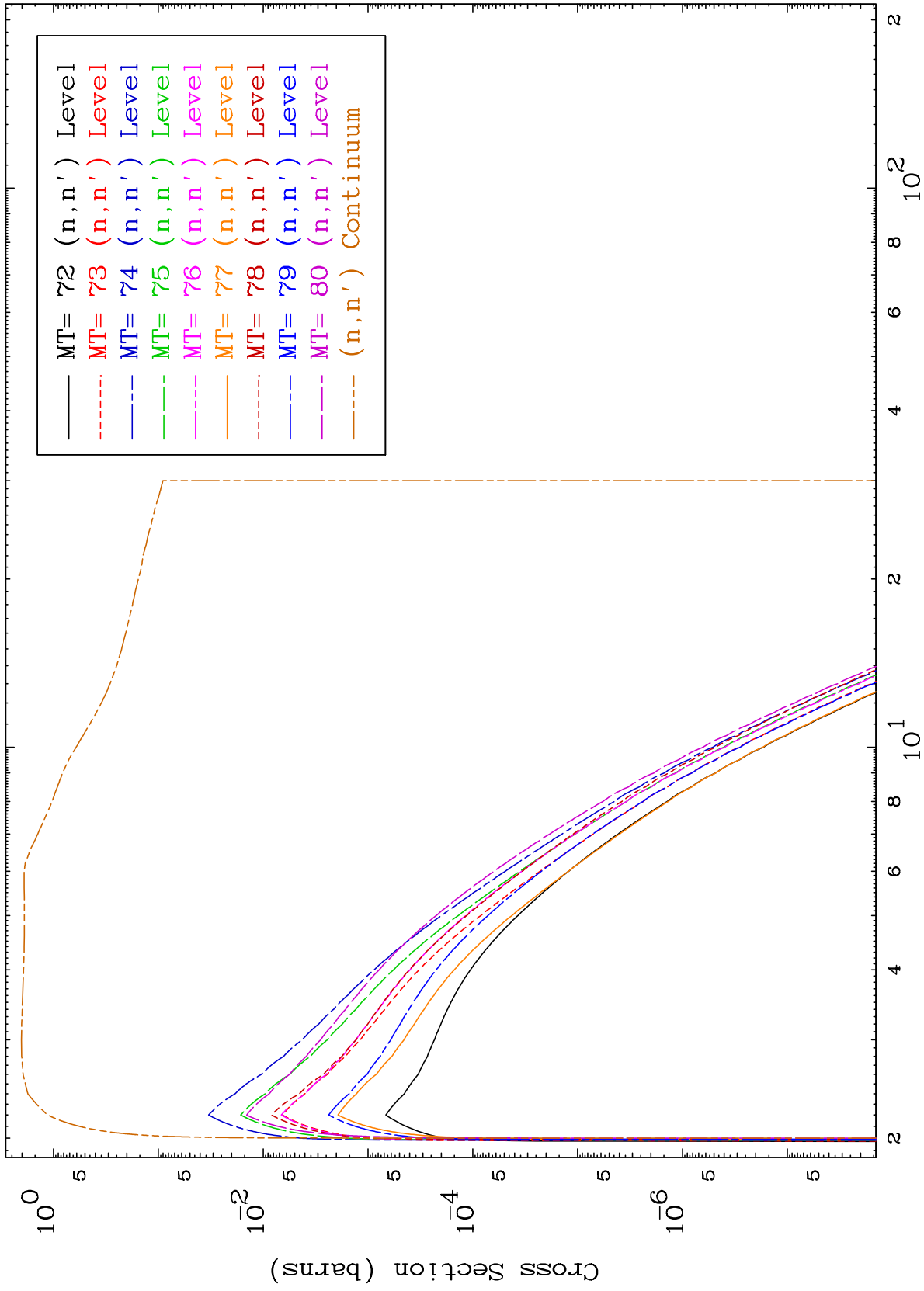
Incident Energy (MeV)

41-Nb-98

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(n,n') Level  
293 Kelvin Cross Sections

41-Nb-98



9

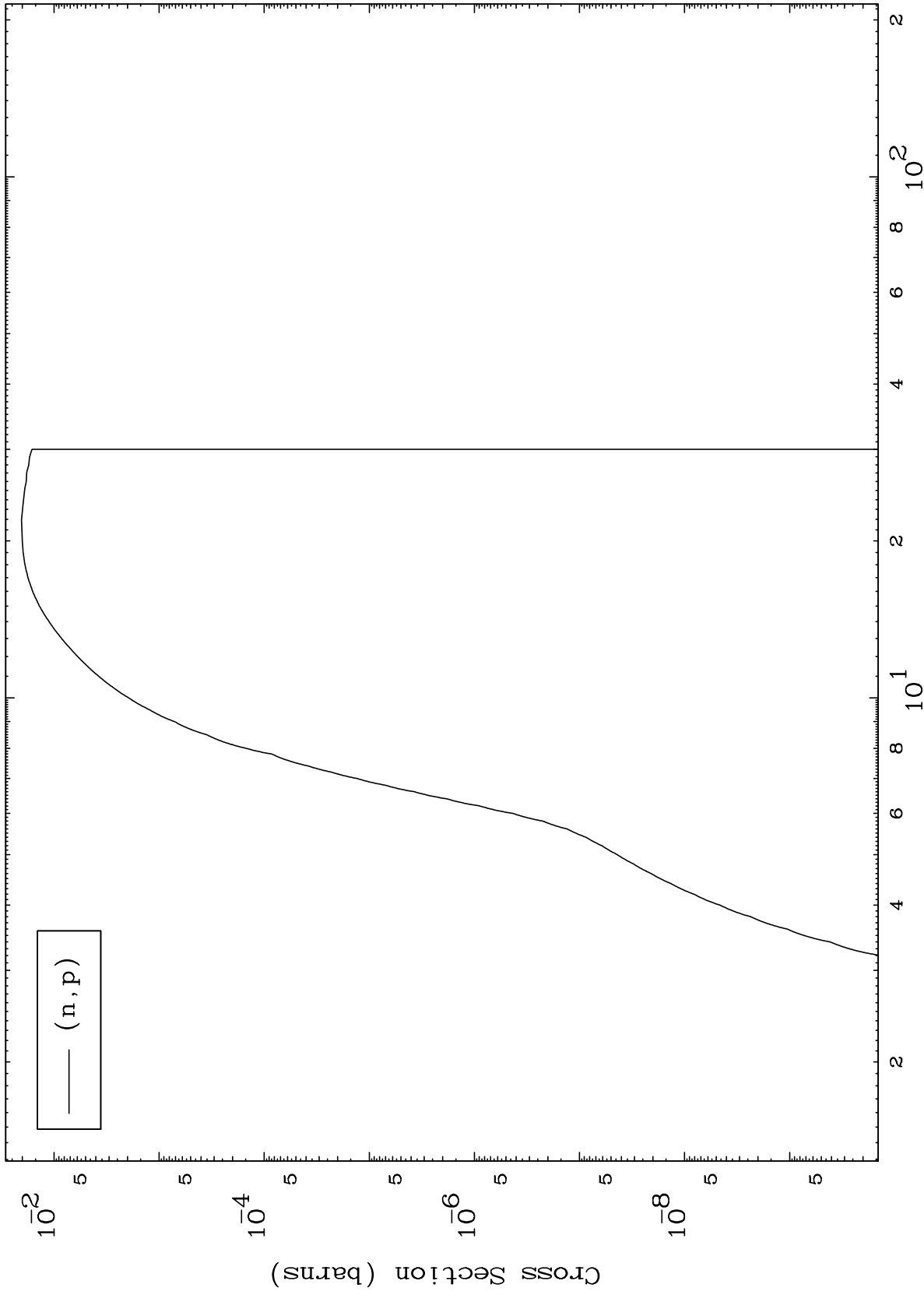
Incident Energy (MeV)

41-Nb-98

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(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-98



10

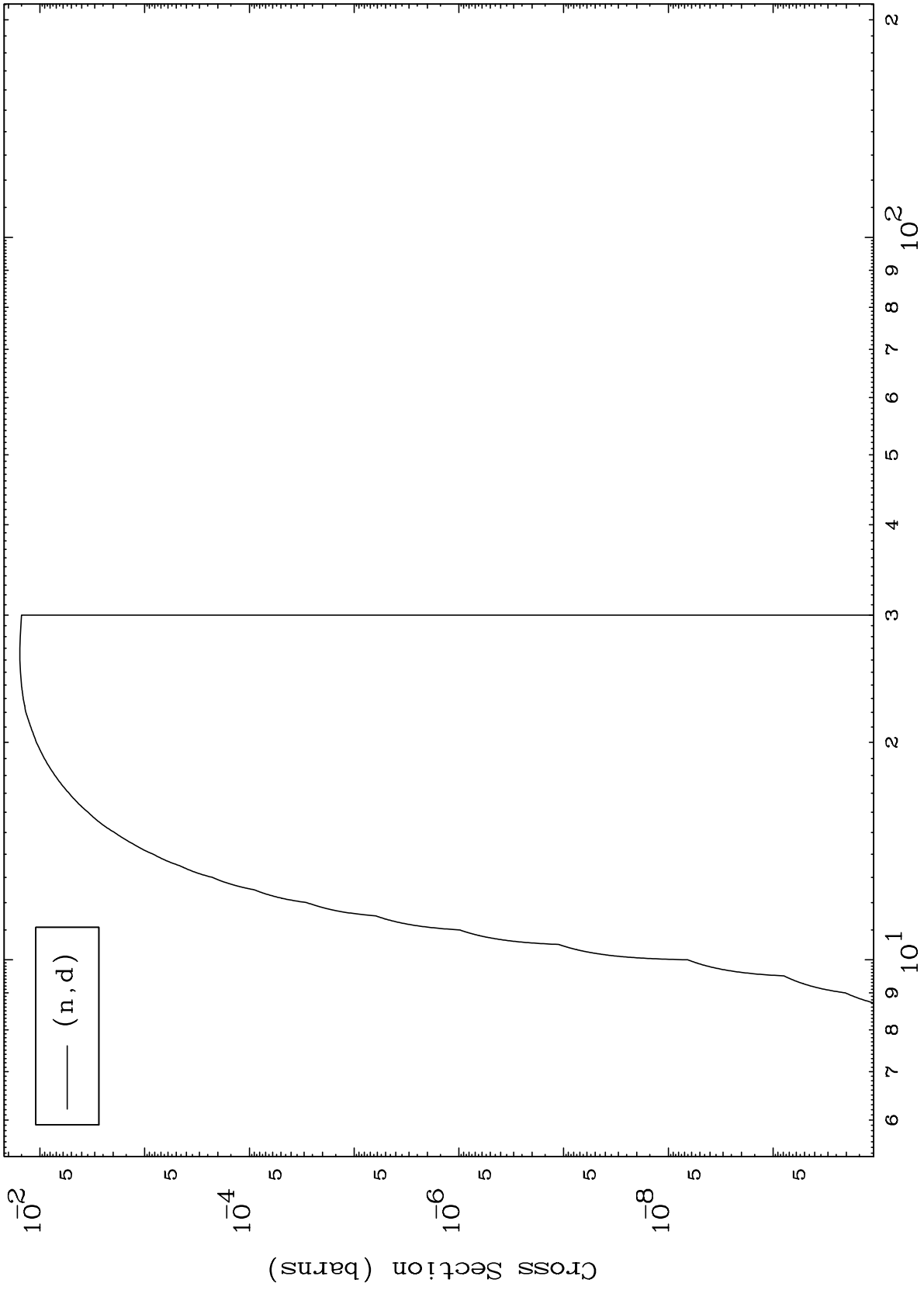
Incident Energy (MeV)

41-Nb-98

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(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-98



11

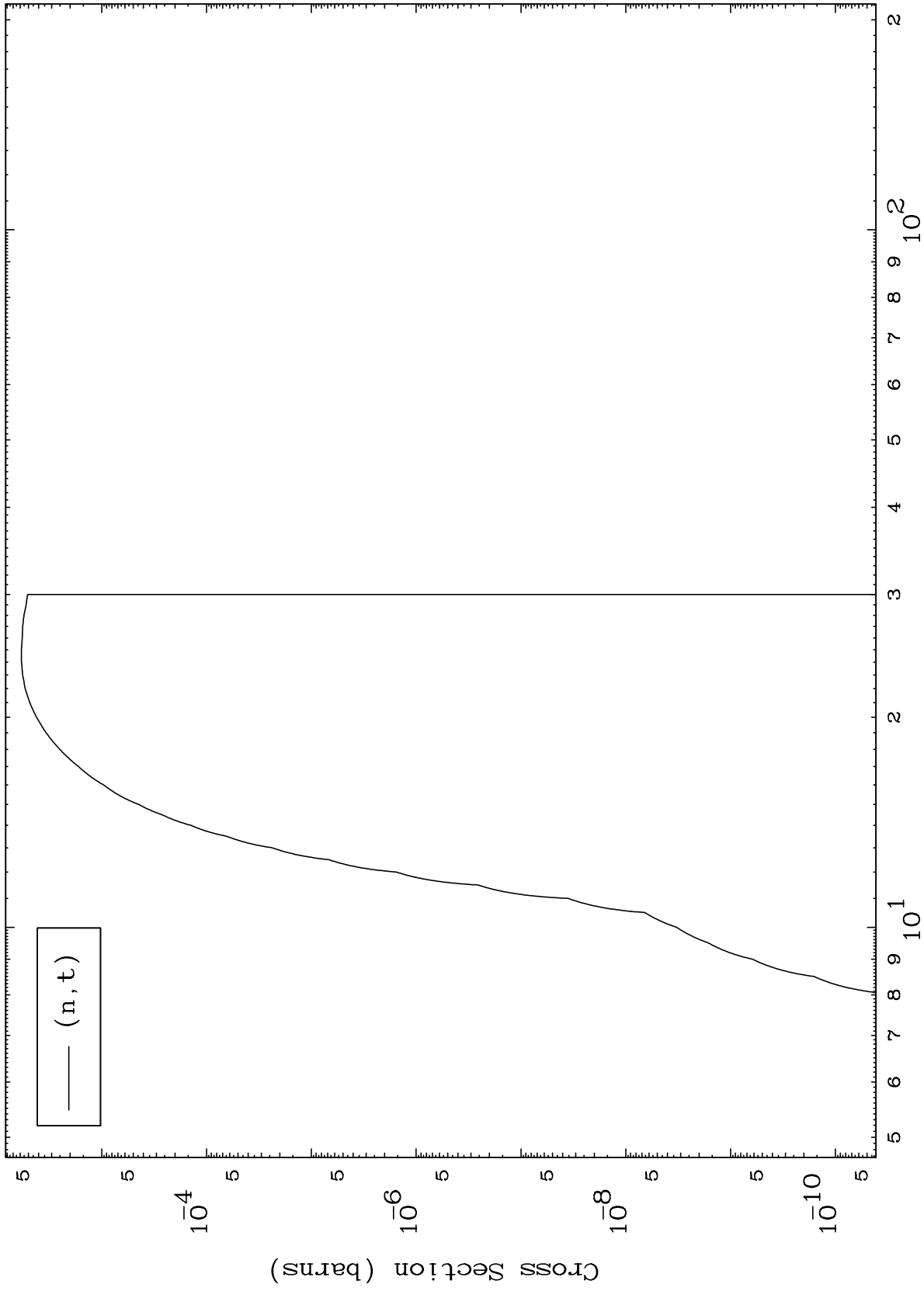
Incident Energy (MeV)

41-Nb-98

MAT 4141

(n,t) Levels  
293 Kelvin Cross Sections

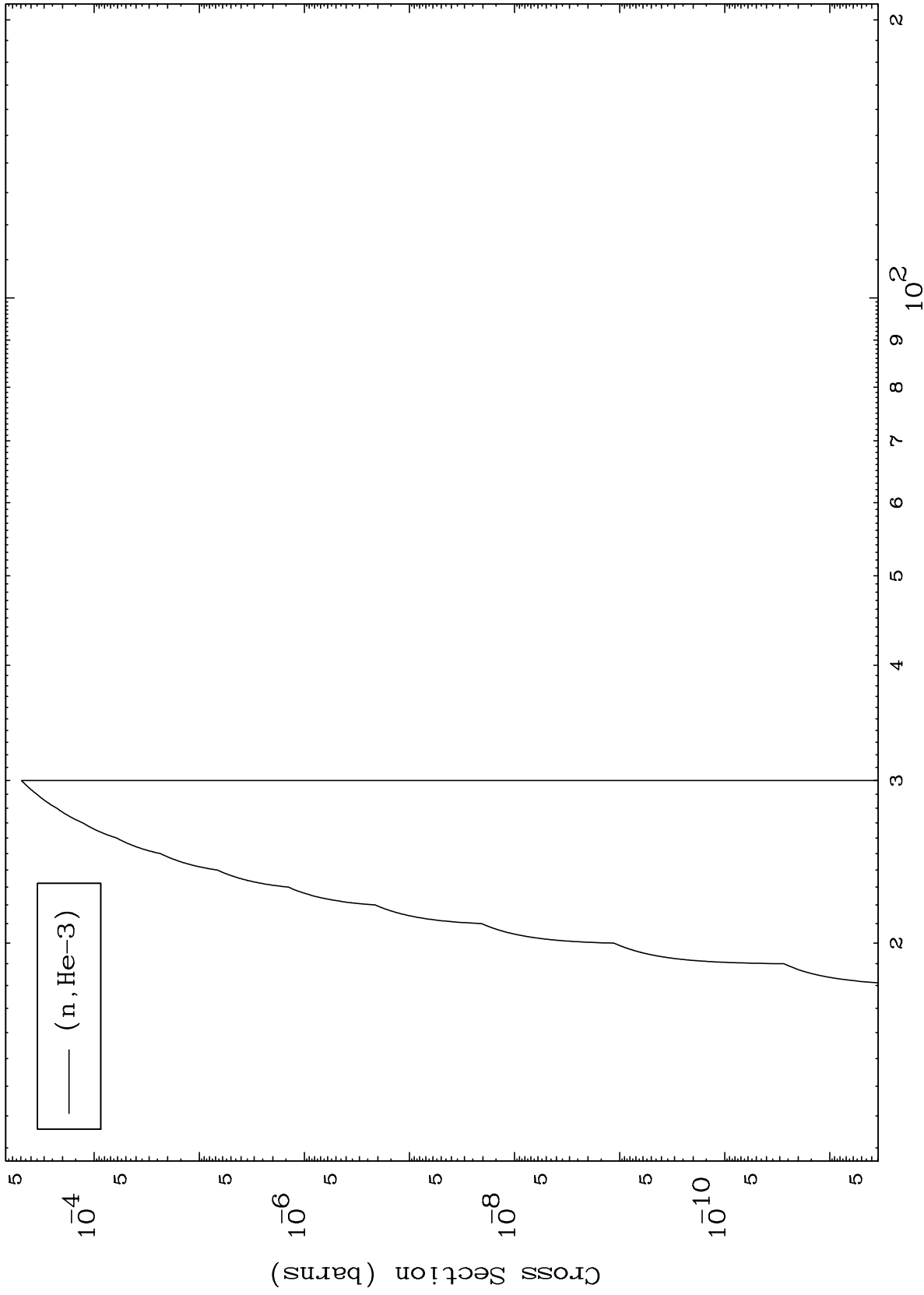
41-Nb-98



12

Incident Energy (MeV)

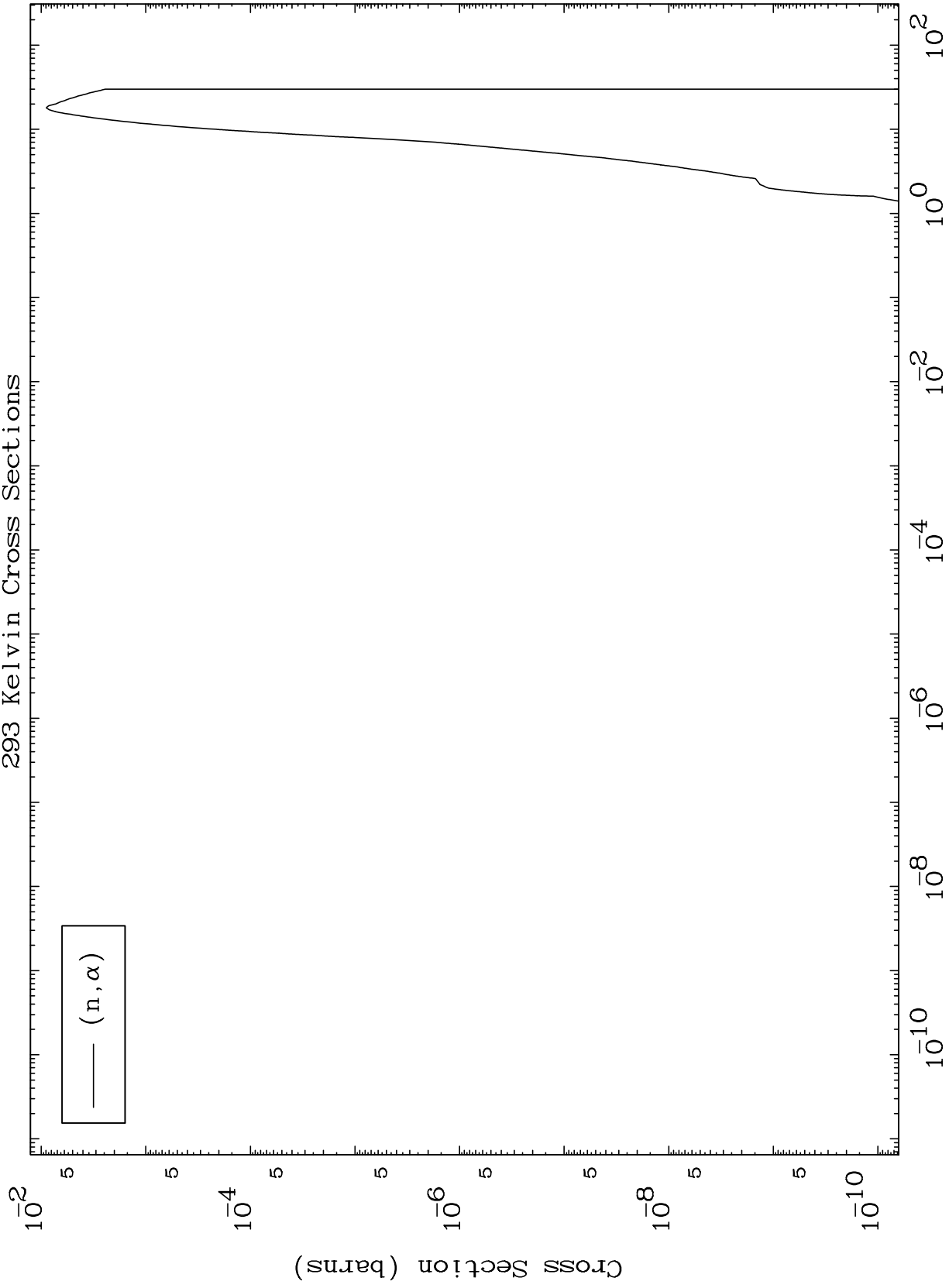
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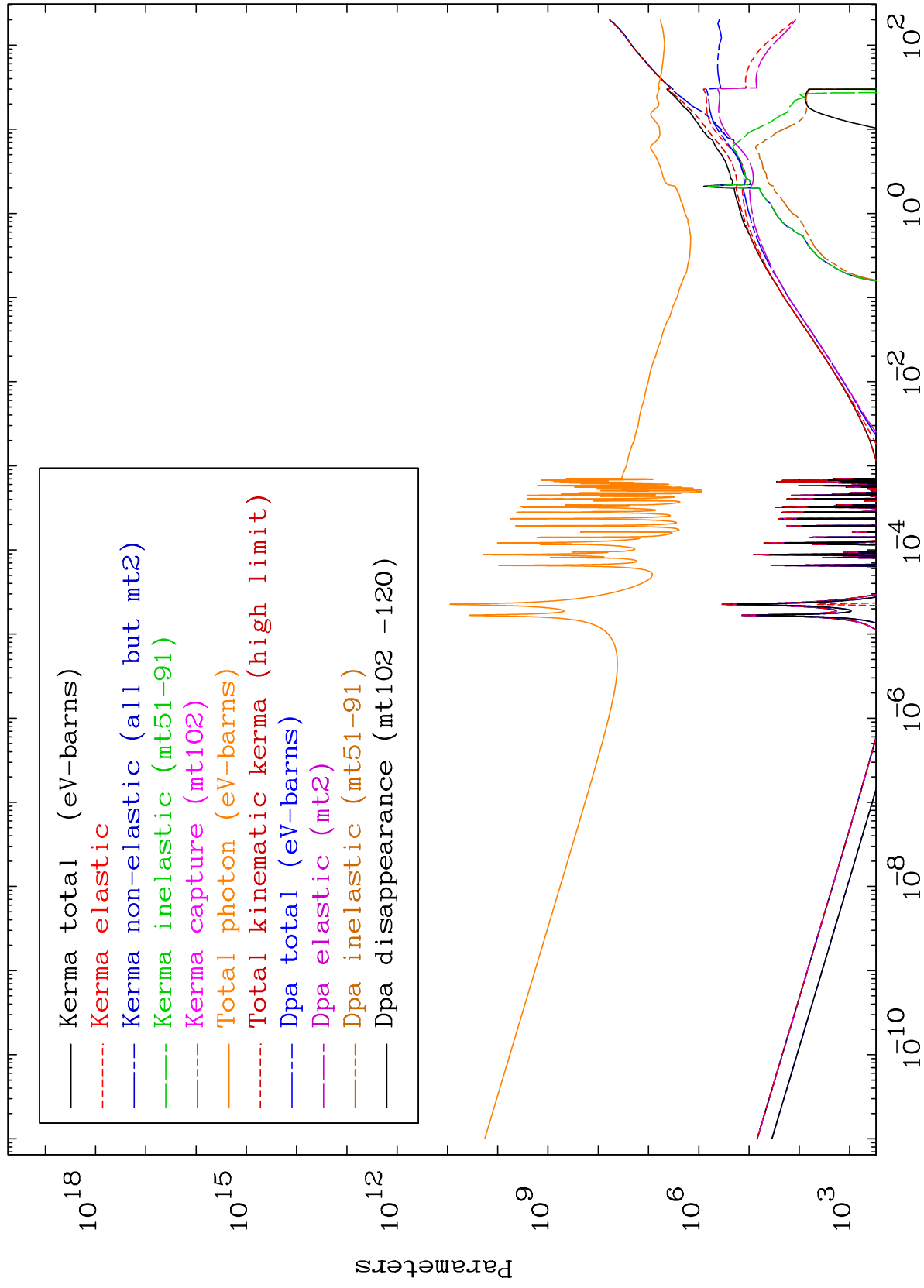


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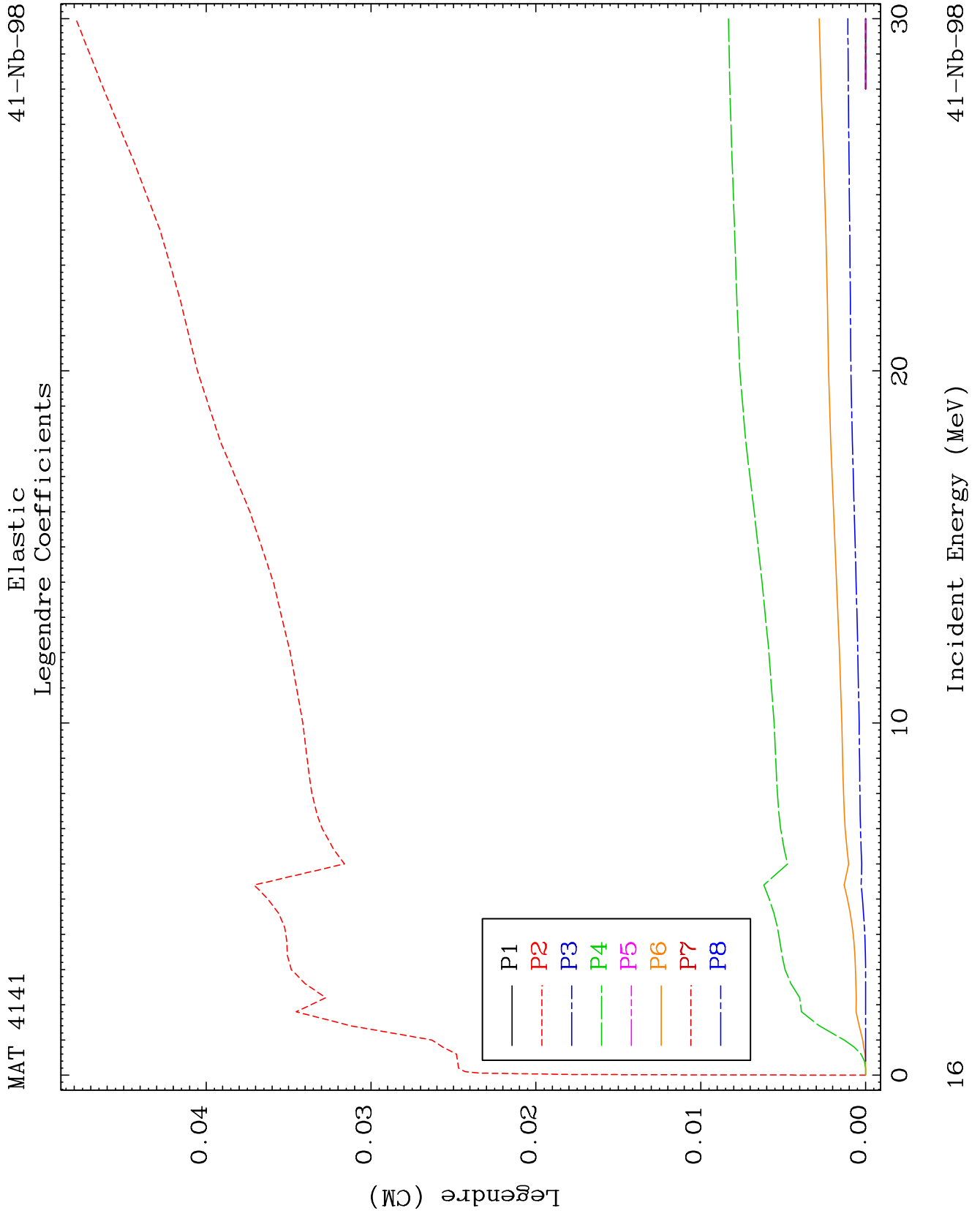
(n,α) Levels  
293 Kelvin Cross Sections

41-Nb-98





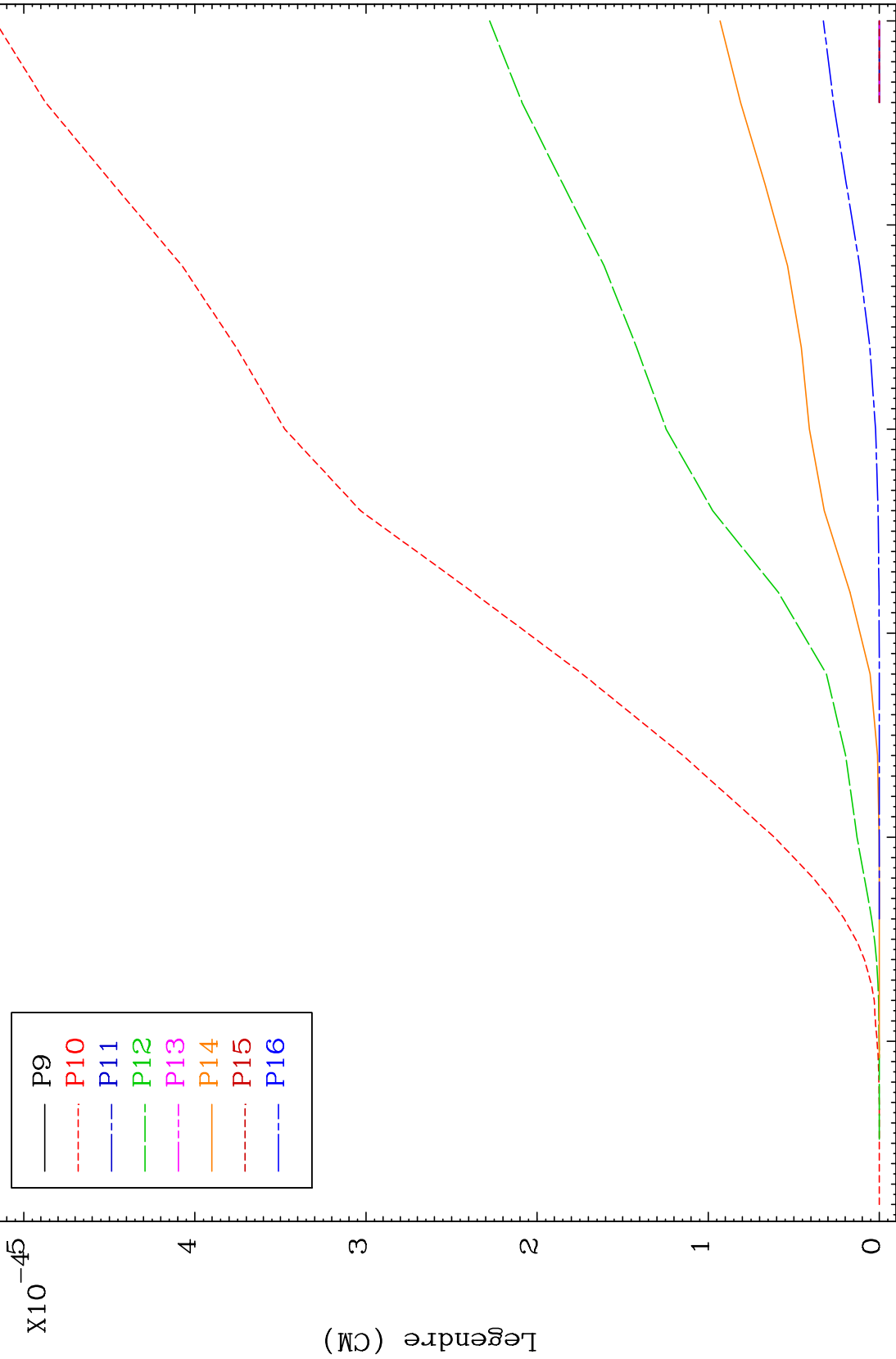
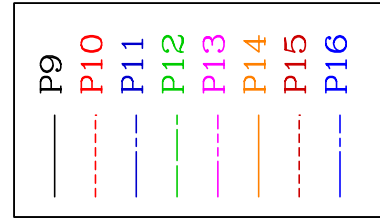




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Elastic Legendre Coefficients

41-Nb-98



17

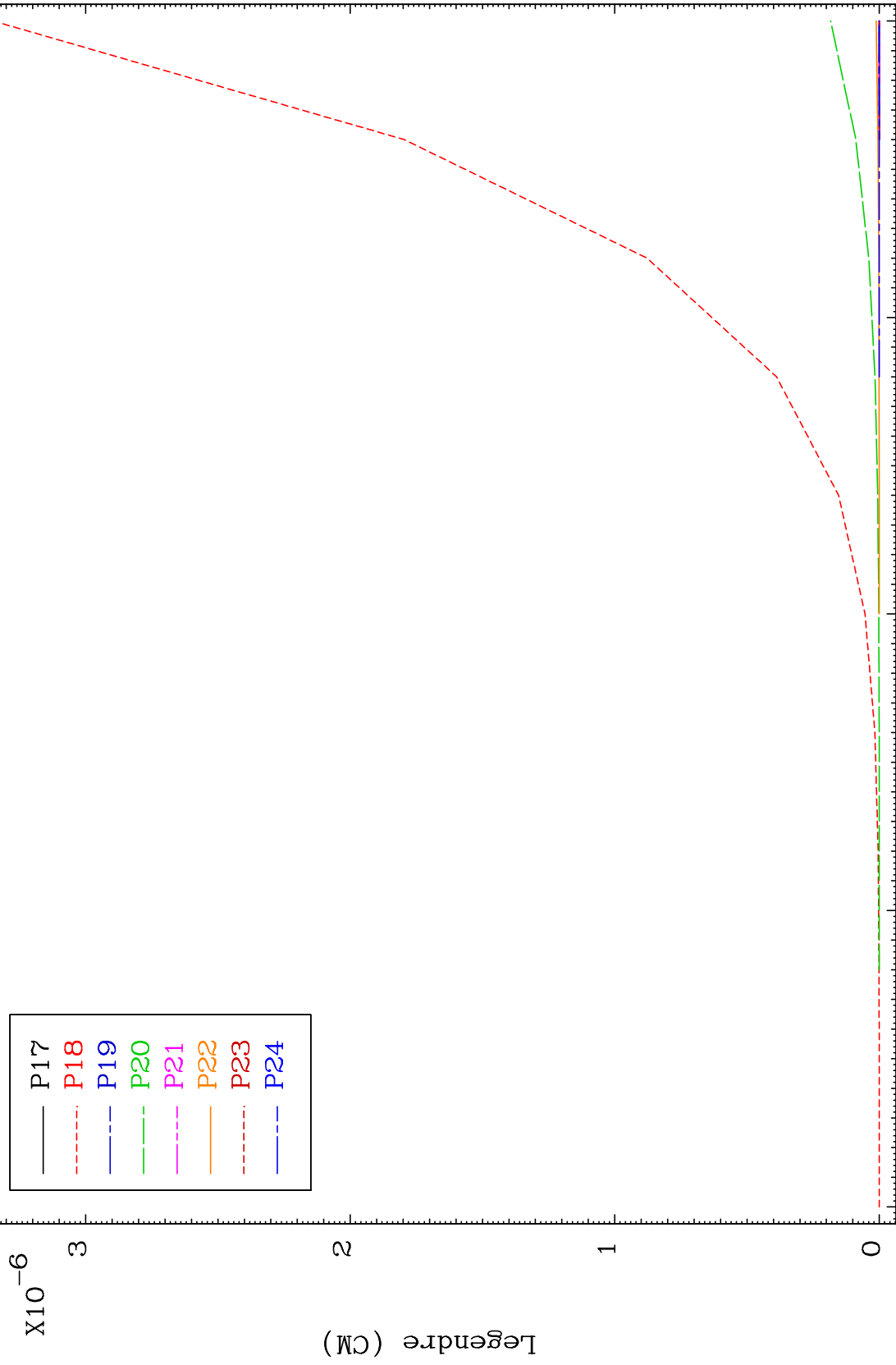
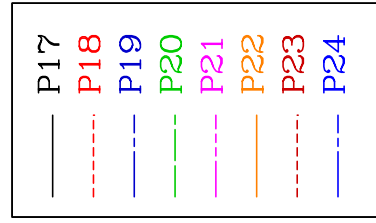
Incident Energy (MeV)

41-Nb-98

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### Elastic Legendre Coefficients

41-Nb-98



18

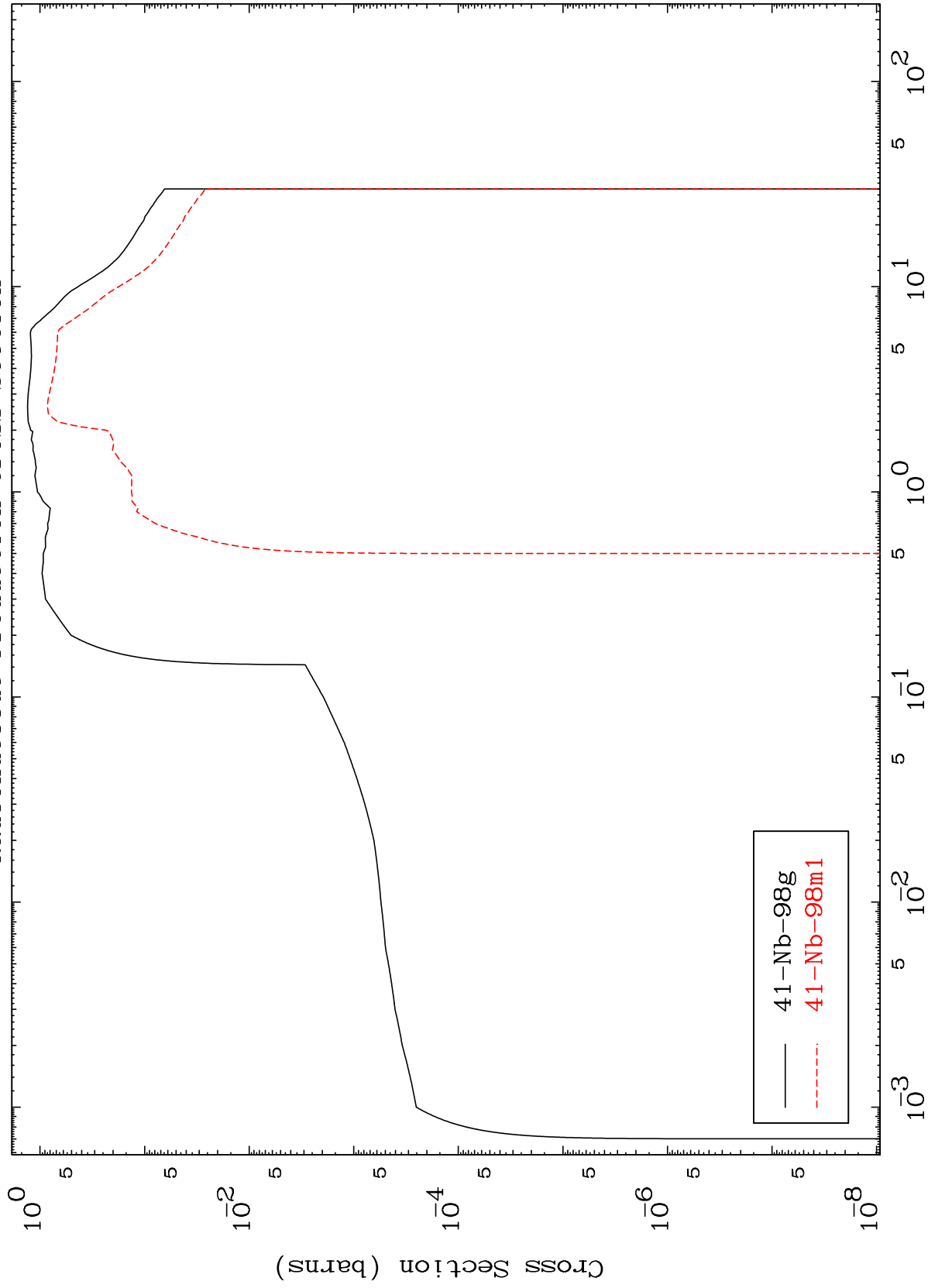
Incident Energy (MeV)

41-Nb-98

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Radionuclide Production Cross Section

41-Nb-98



19

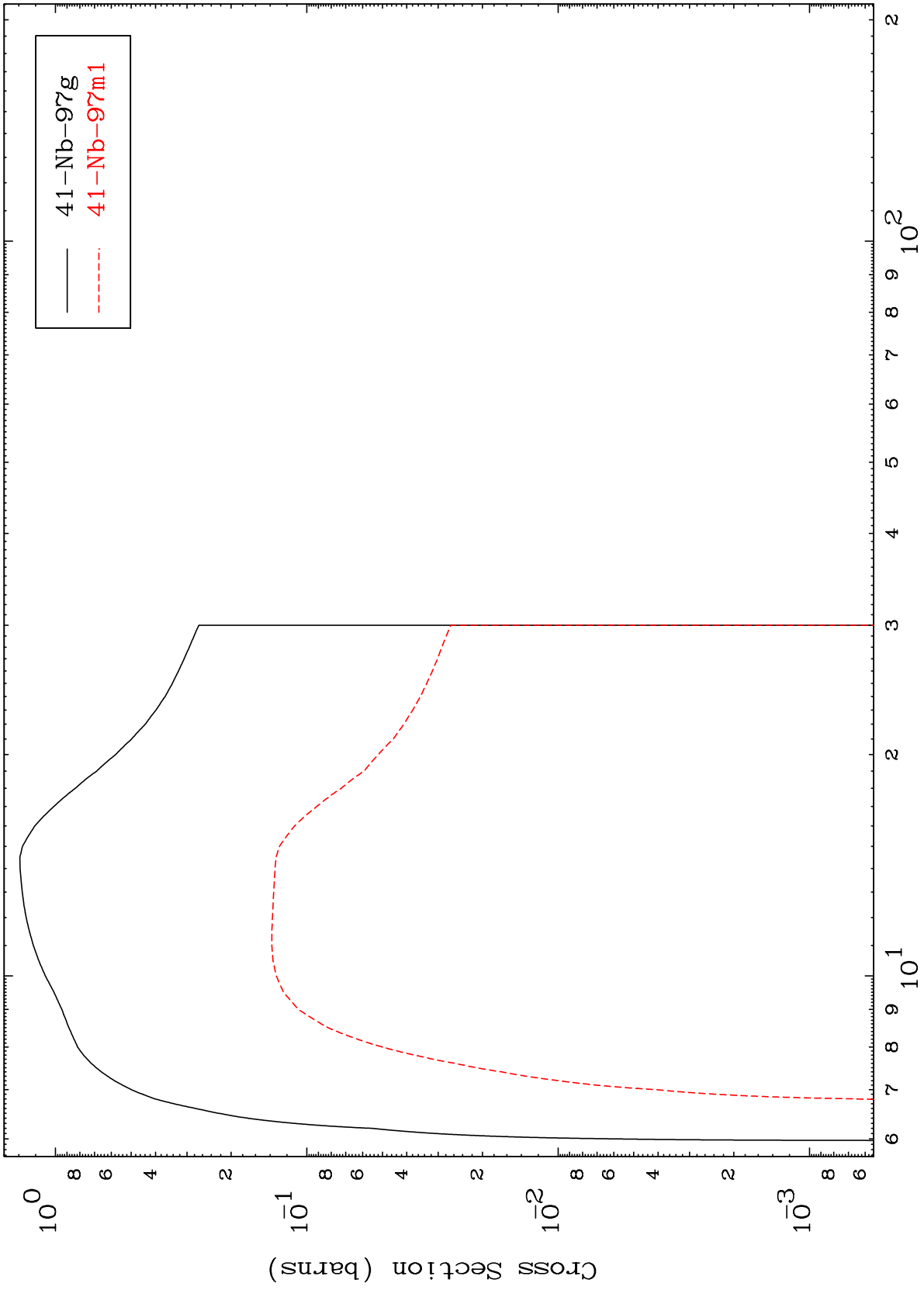
Incident Energy (MeV)

41-Nb-98

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41-Nb-98

(n,2n)  
Radionuclide Production Cross Section



20

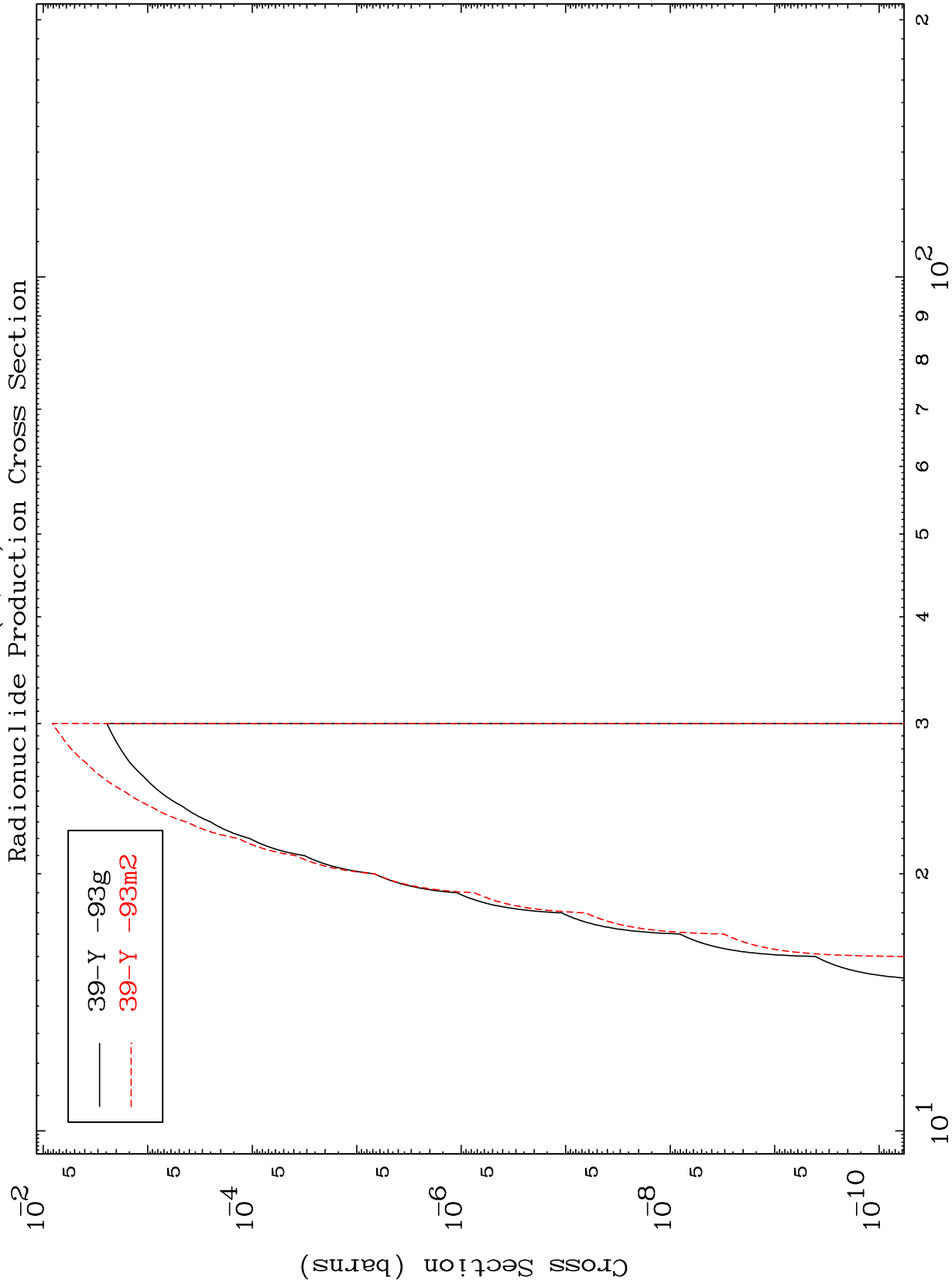
Incident Energy (MeV)

41-Nb-98

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(n,2n)  $\alpha$

41-Nb-98



21

Incident Energy (MeV)

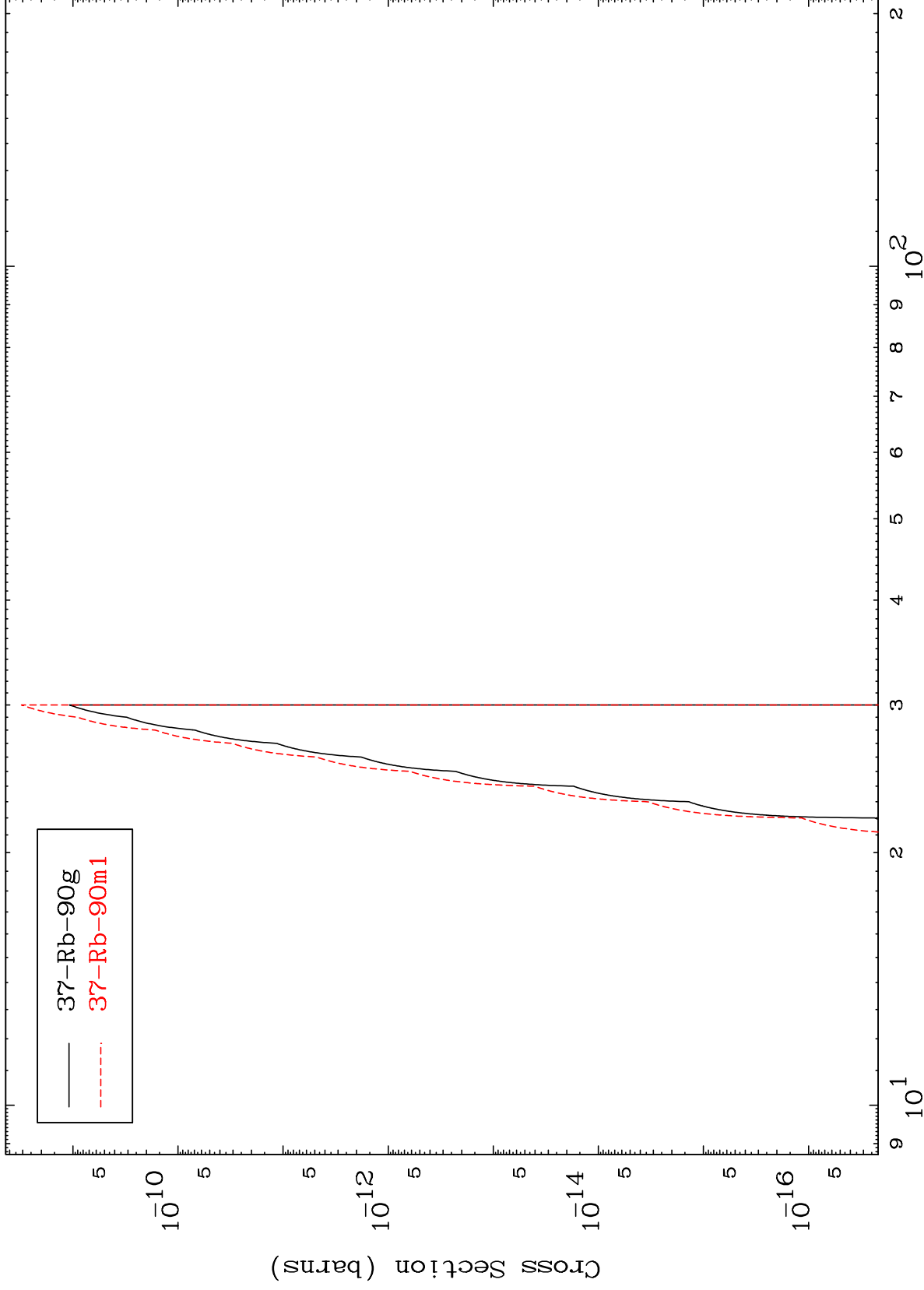
41-Nb-98

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(n,n') 2 $\alpha$

41-Nb-98

Radionuclide Production Cross Section



22

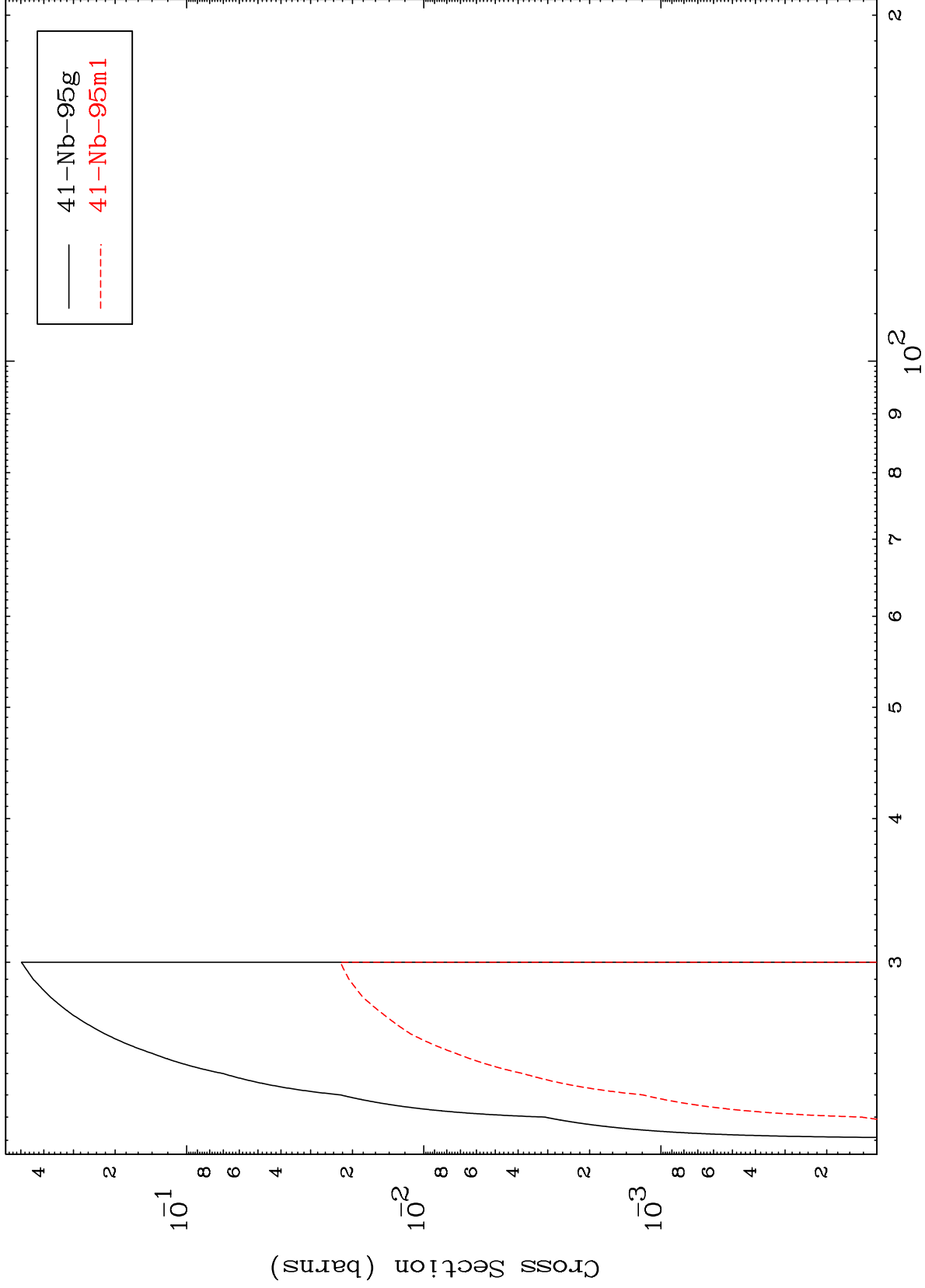
Incident Energy (MeV)

41-Nb-98

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41-Nb-98

(n,4n)  
Radionuclide Production Cross Section



23

41-Nb-98

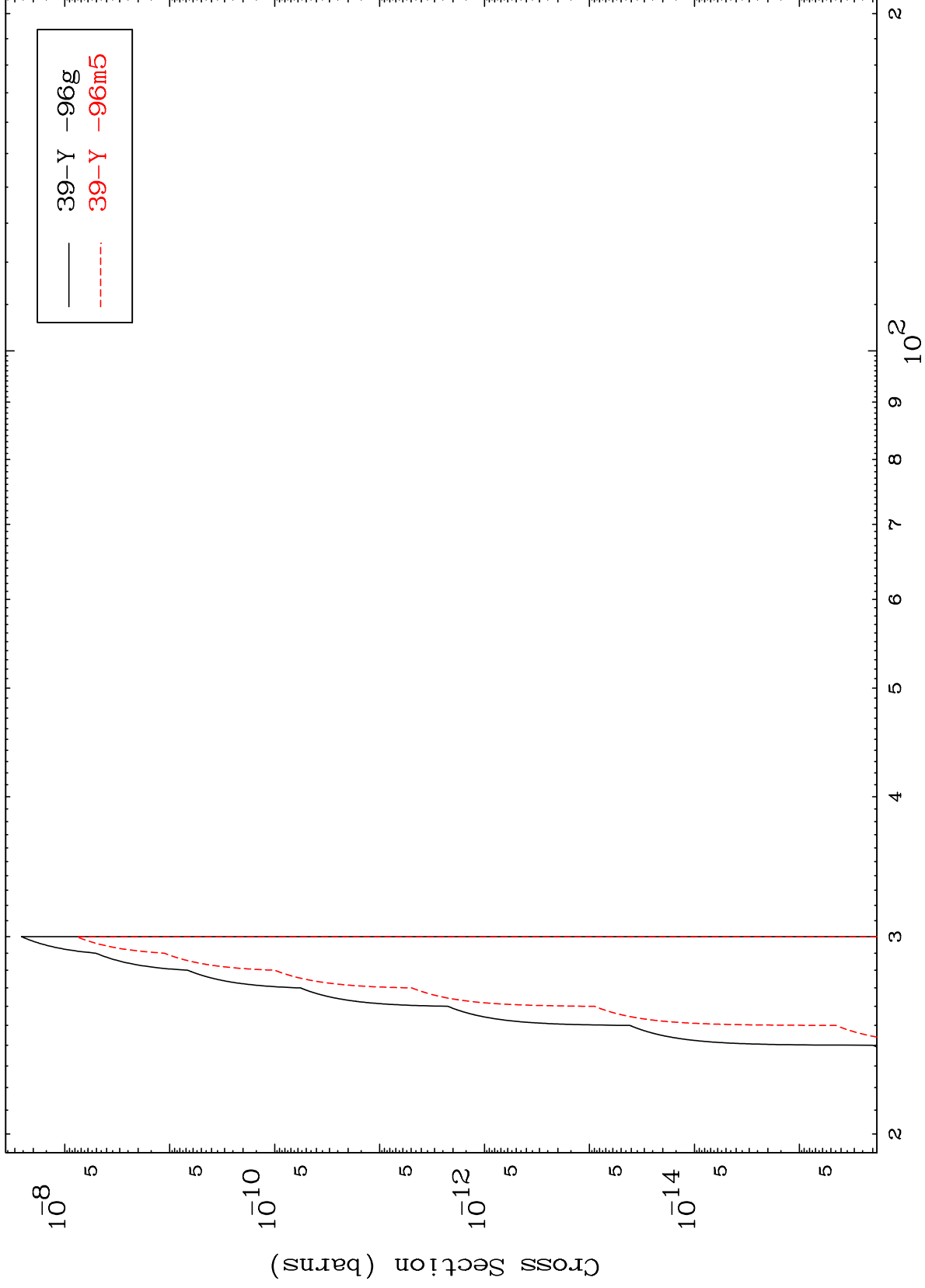


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(n,2n) p

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Radionuclide Production Cross Section



24

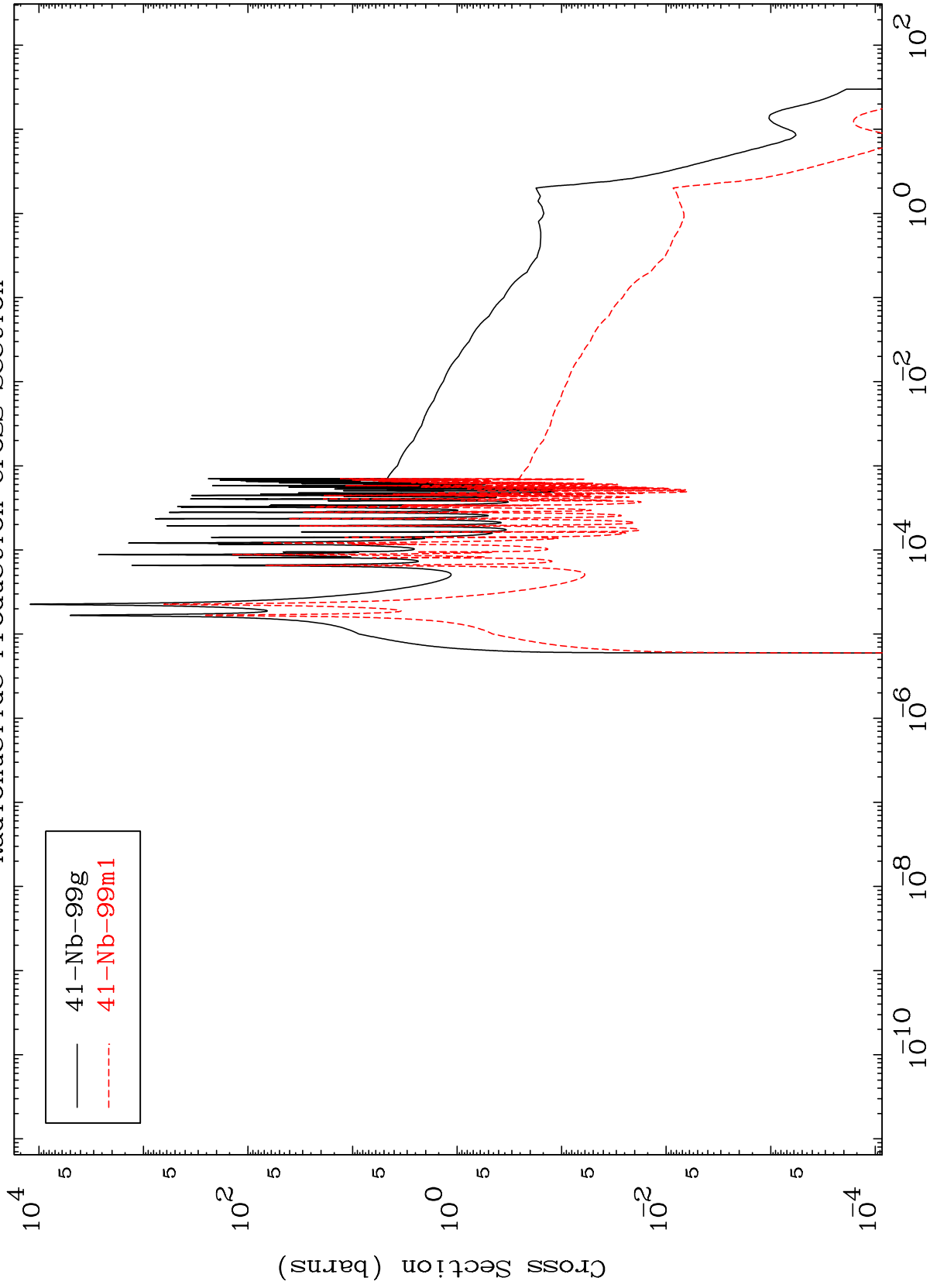
Incident Energy (MeV)

41-Nb-98

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41-Nb-98

Radionuclide Production Cross Section (n,γ)



25

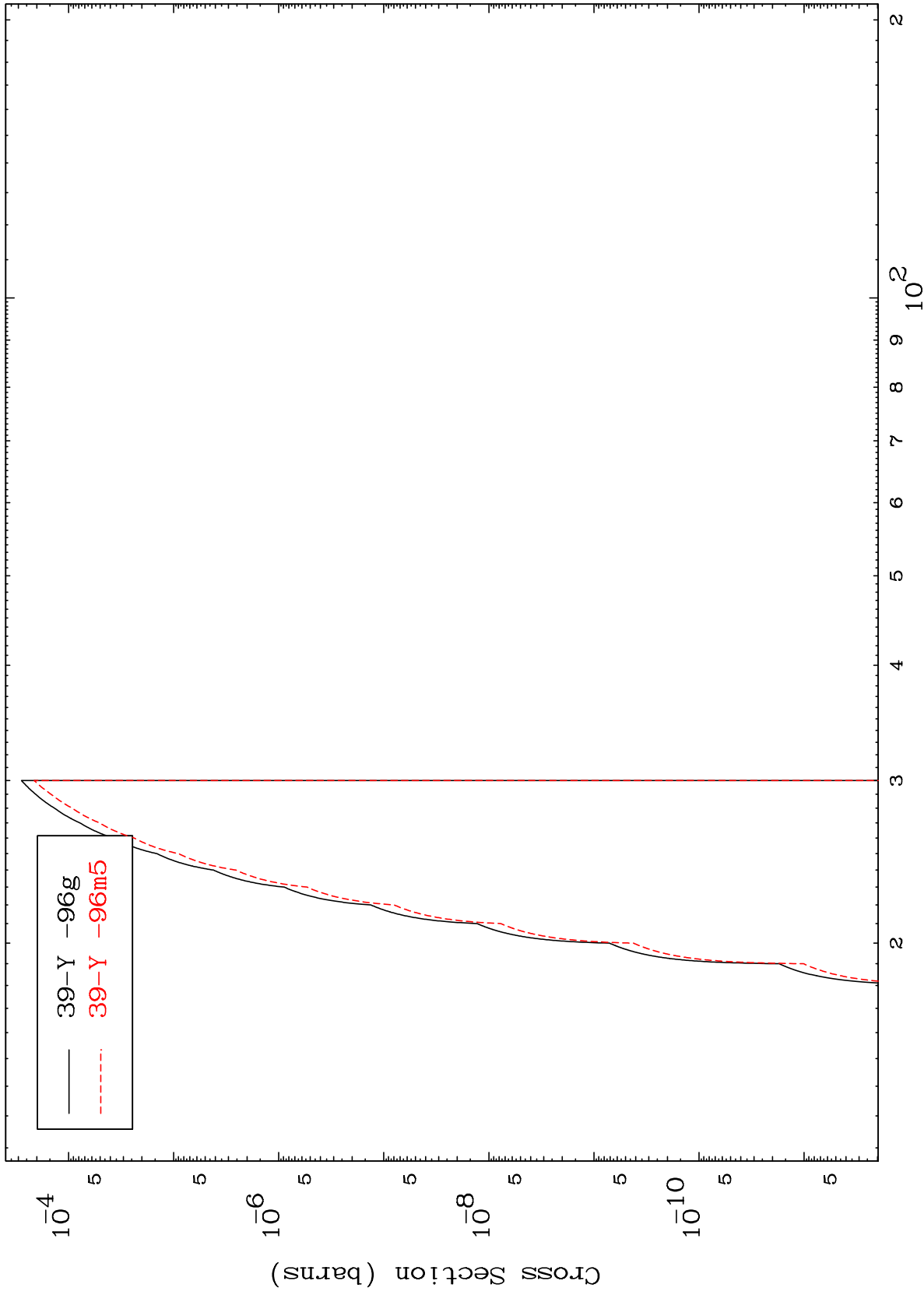
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(n,He-3)

41-Nb-98

Radionuclide Production Cross Section



26

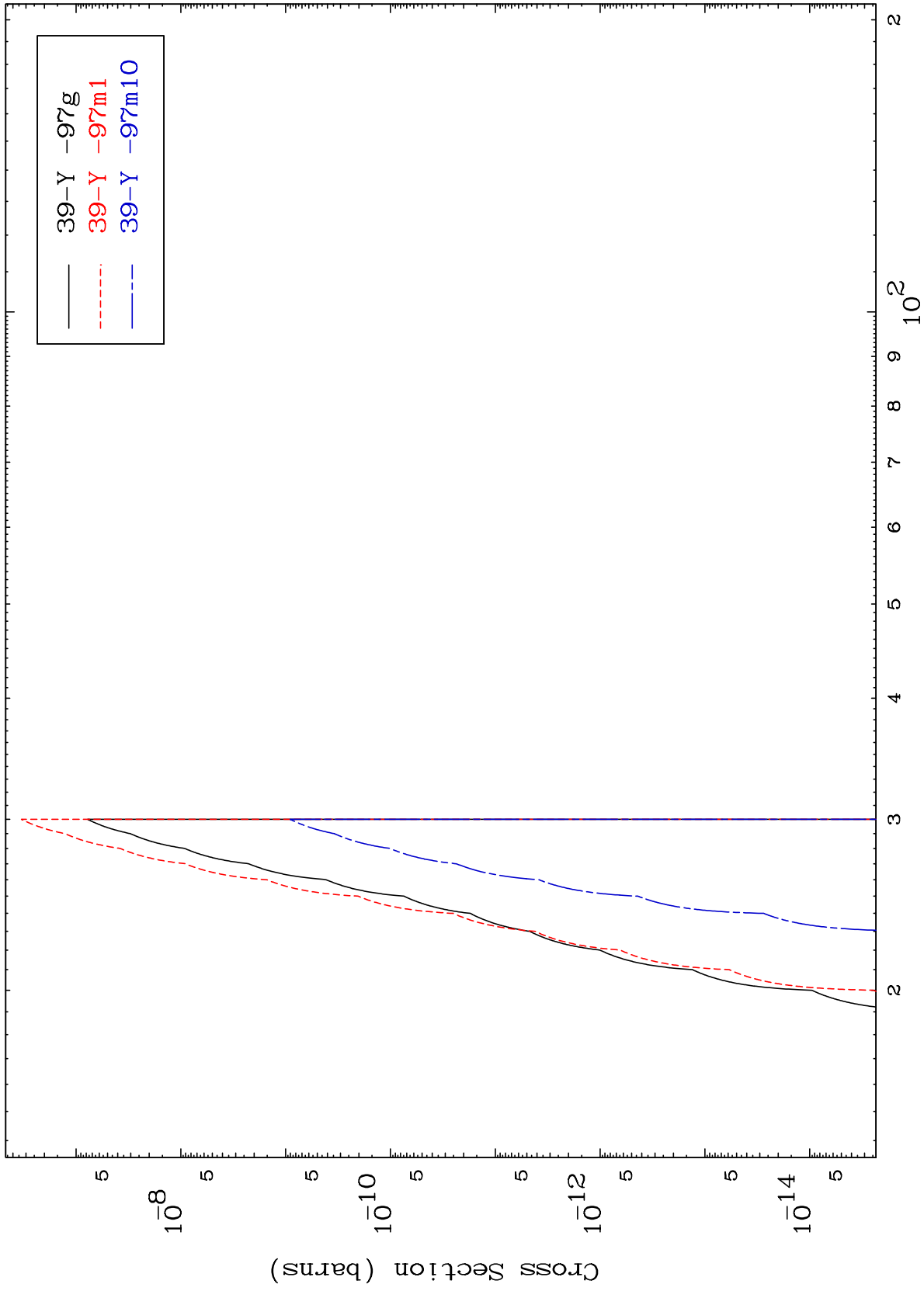
Incident Energy (MeV)

41-Nb-98

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41-Nb-98

(n,2p)  
Radionuclide Production Cross Section



27

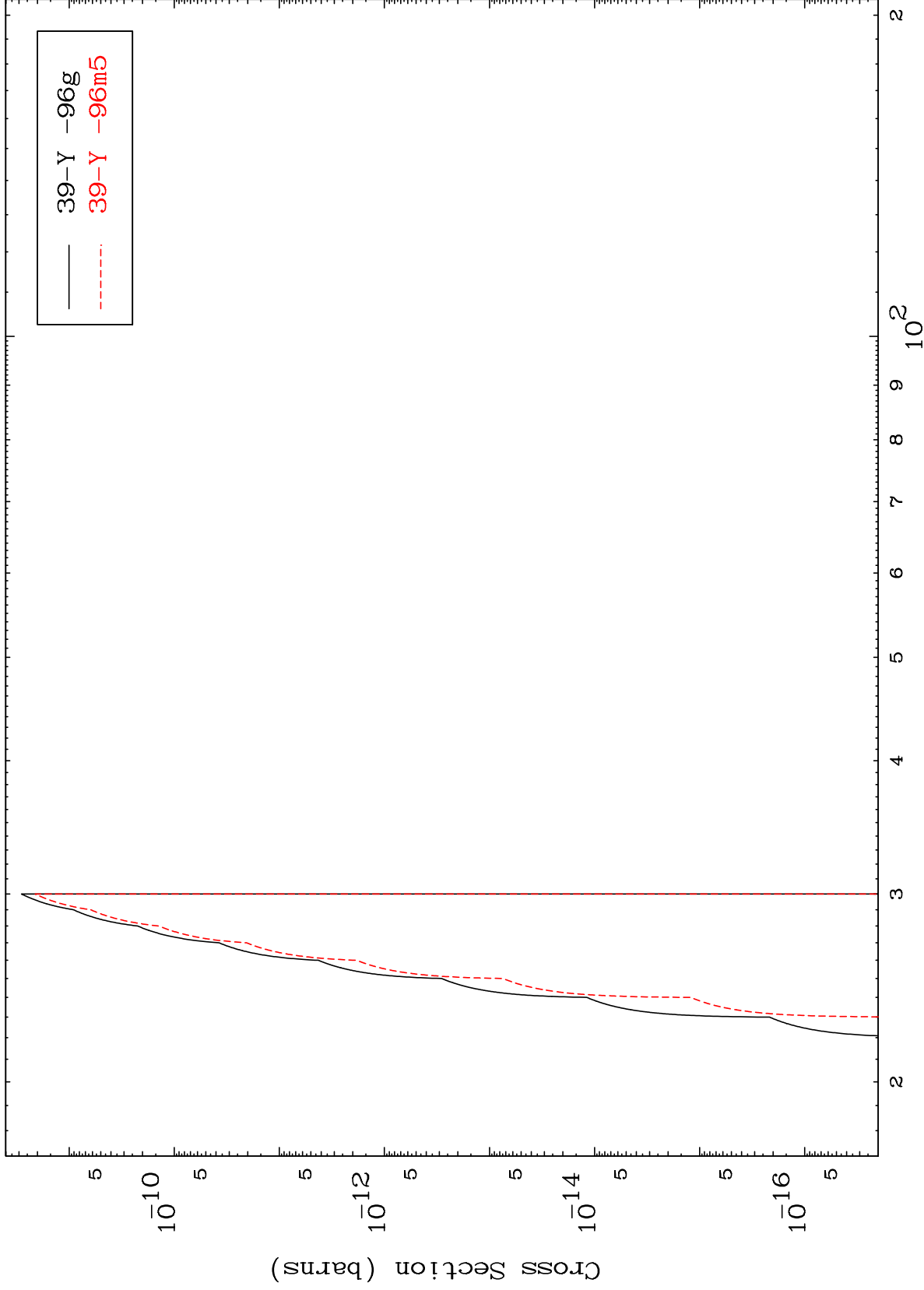
41-Nb-98

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(n,p) d

41-Nb-98

Radionuclide Production Cross Section



28

Incident Energy (MeV)

41-Nb-98