

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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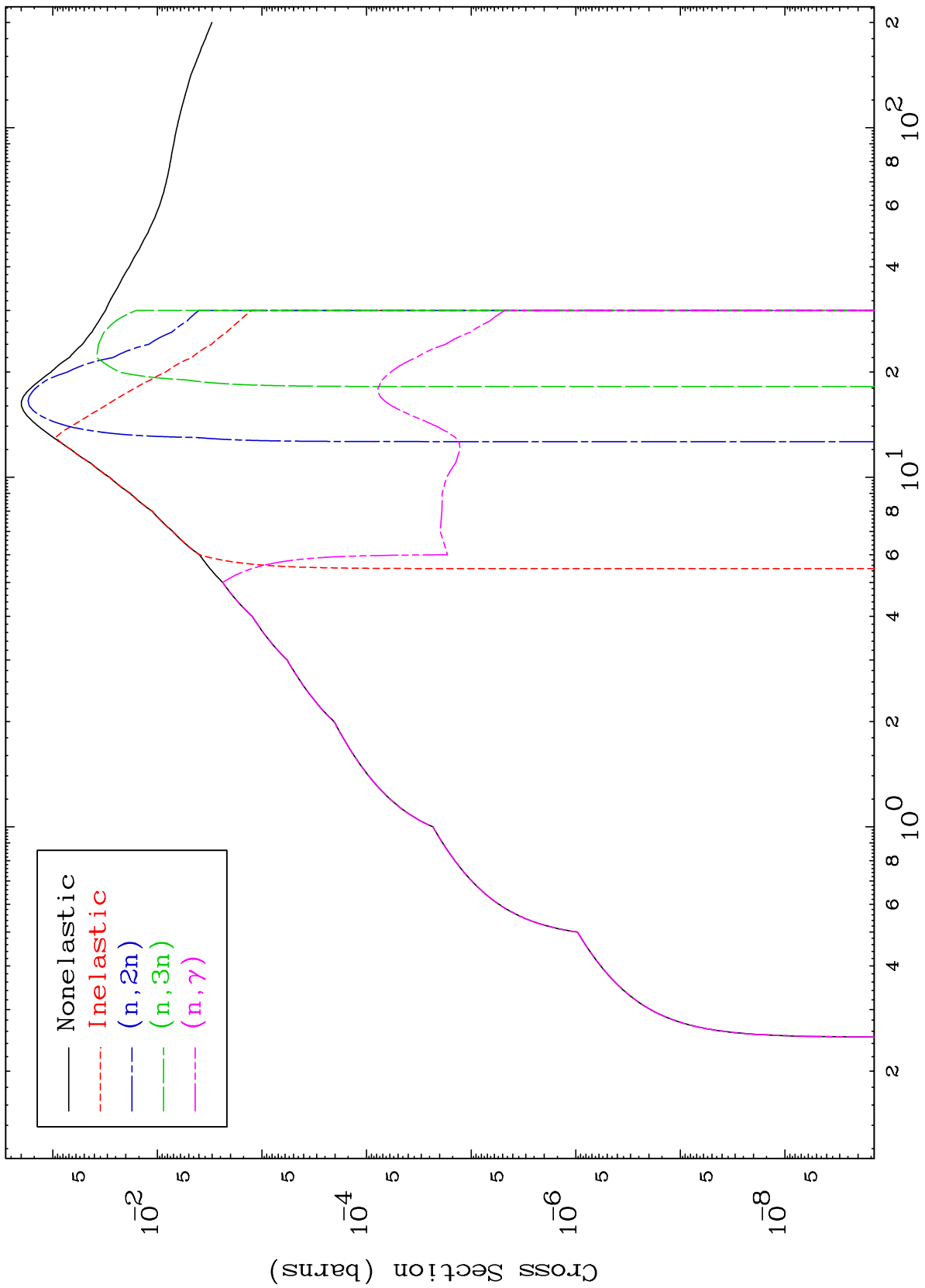
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

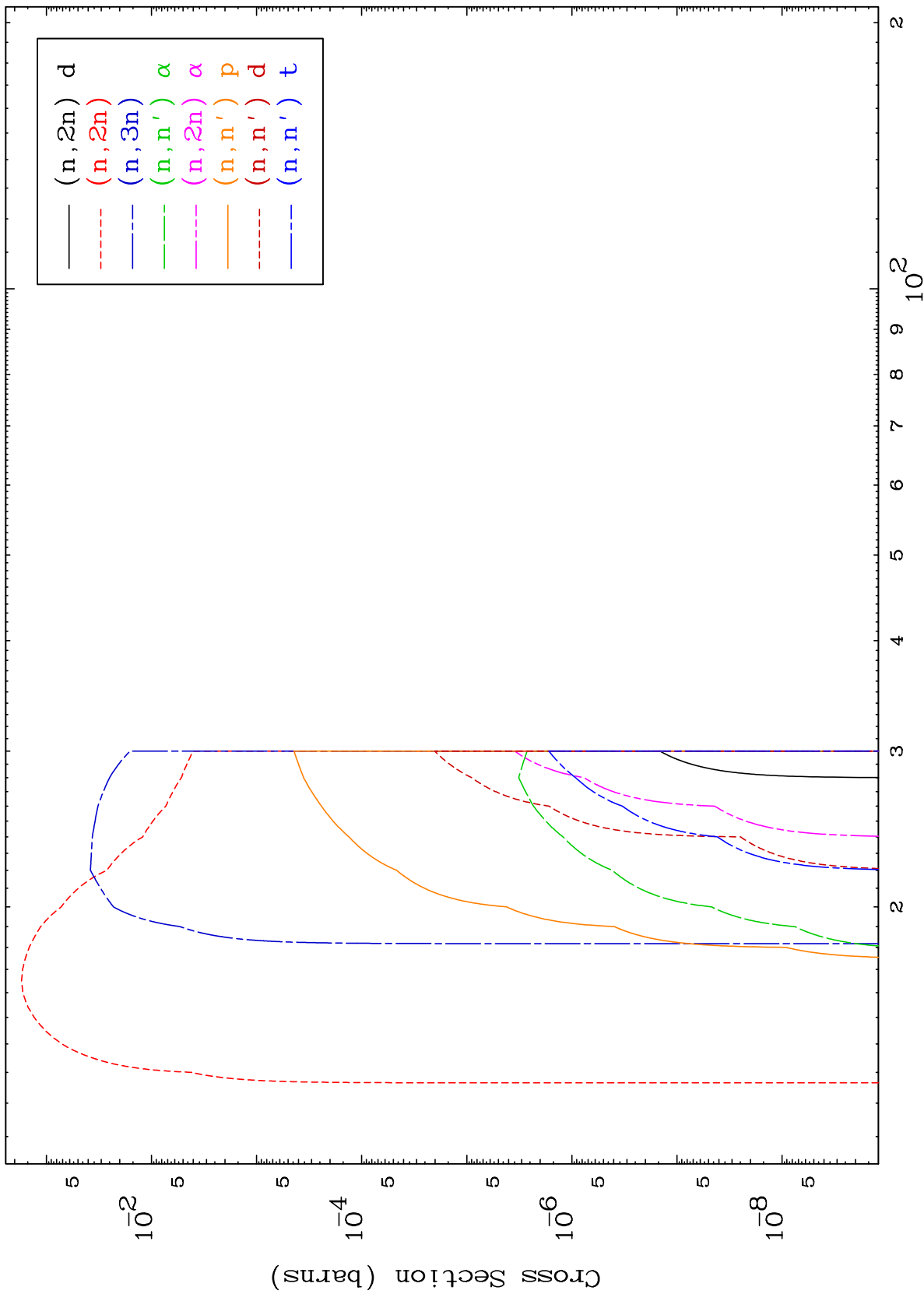
Web:redcullen1.net/HOMEPAGE.NEW

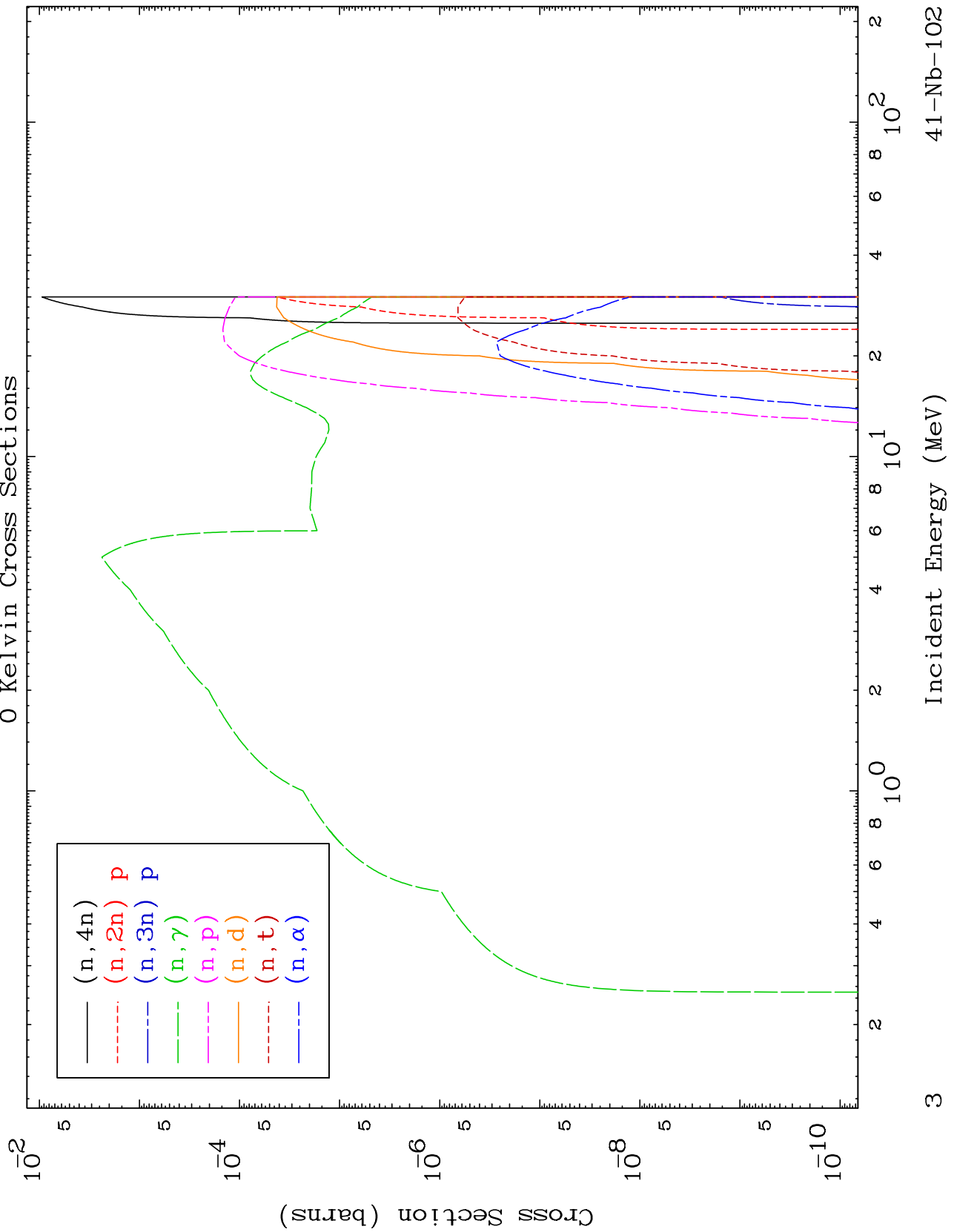
Press Mouse Button to Start

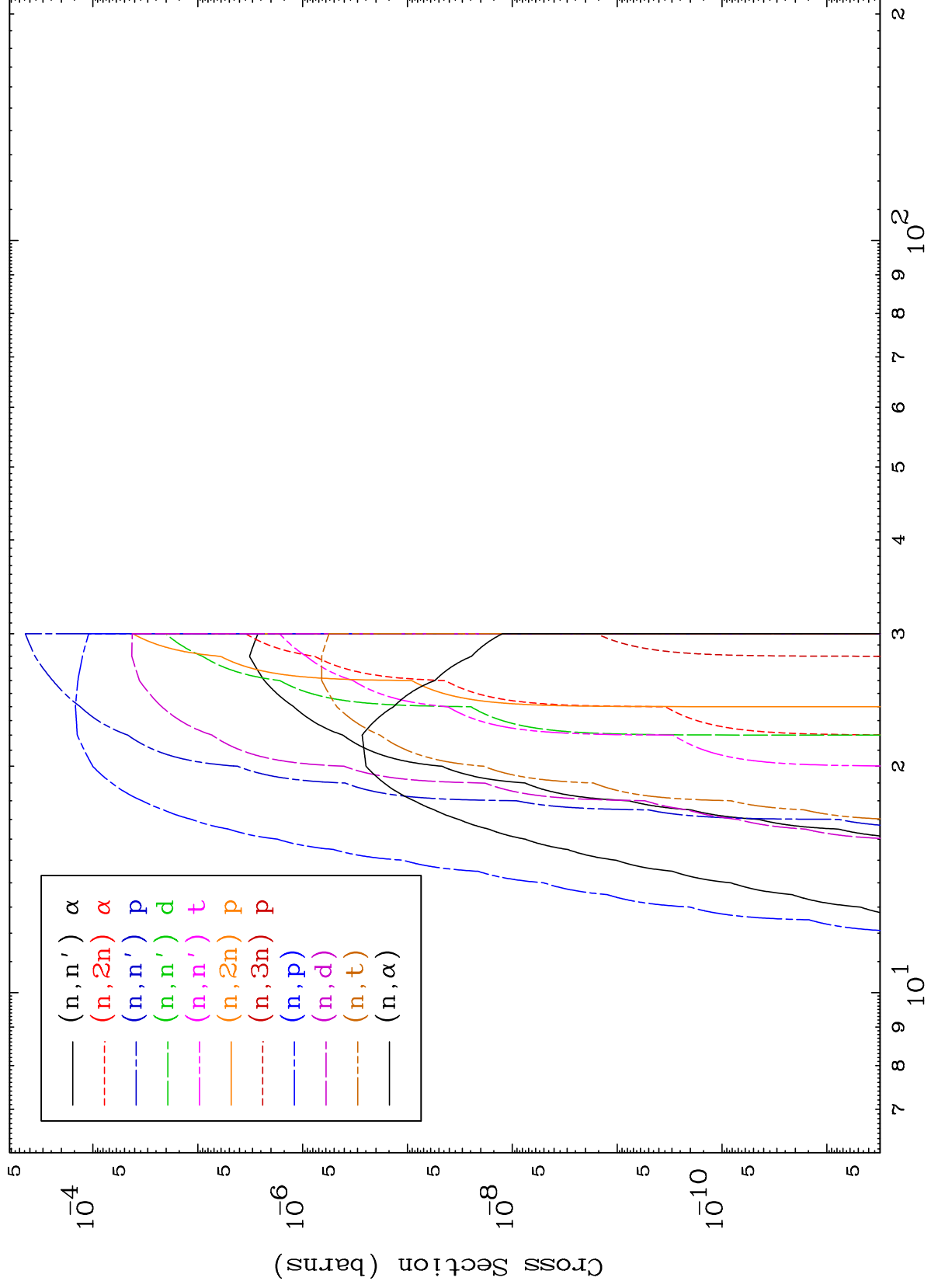
Photon Major  
0 Kelvin Cross Sections



Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, 3n)  
- - - (n, γ)



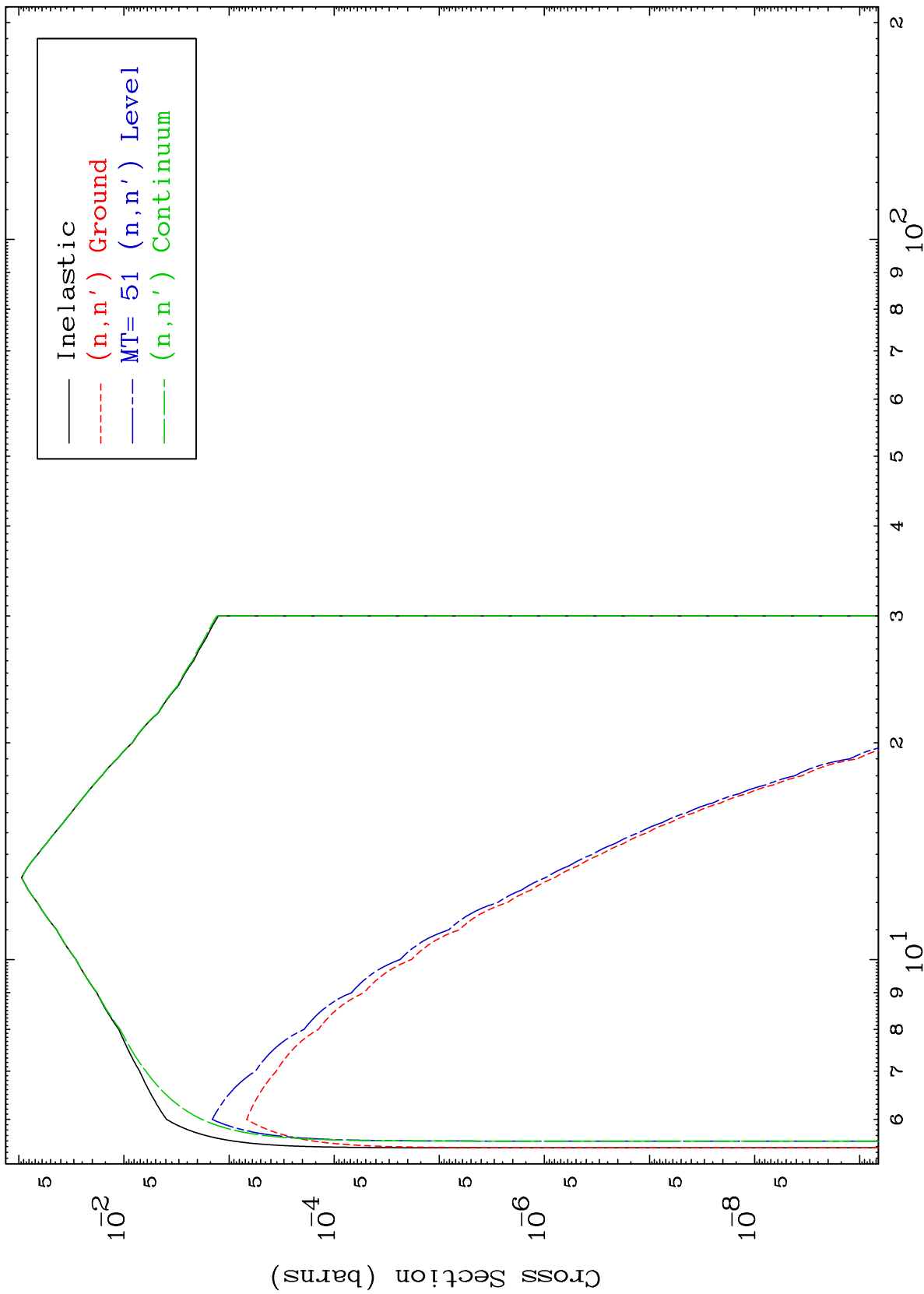




MAT 4152

41-Nb-102

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



41-Nb-102

Incident Energy (MeV)

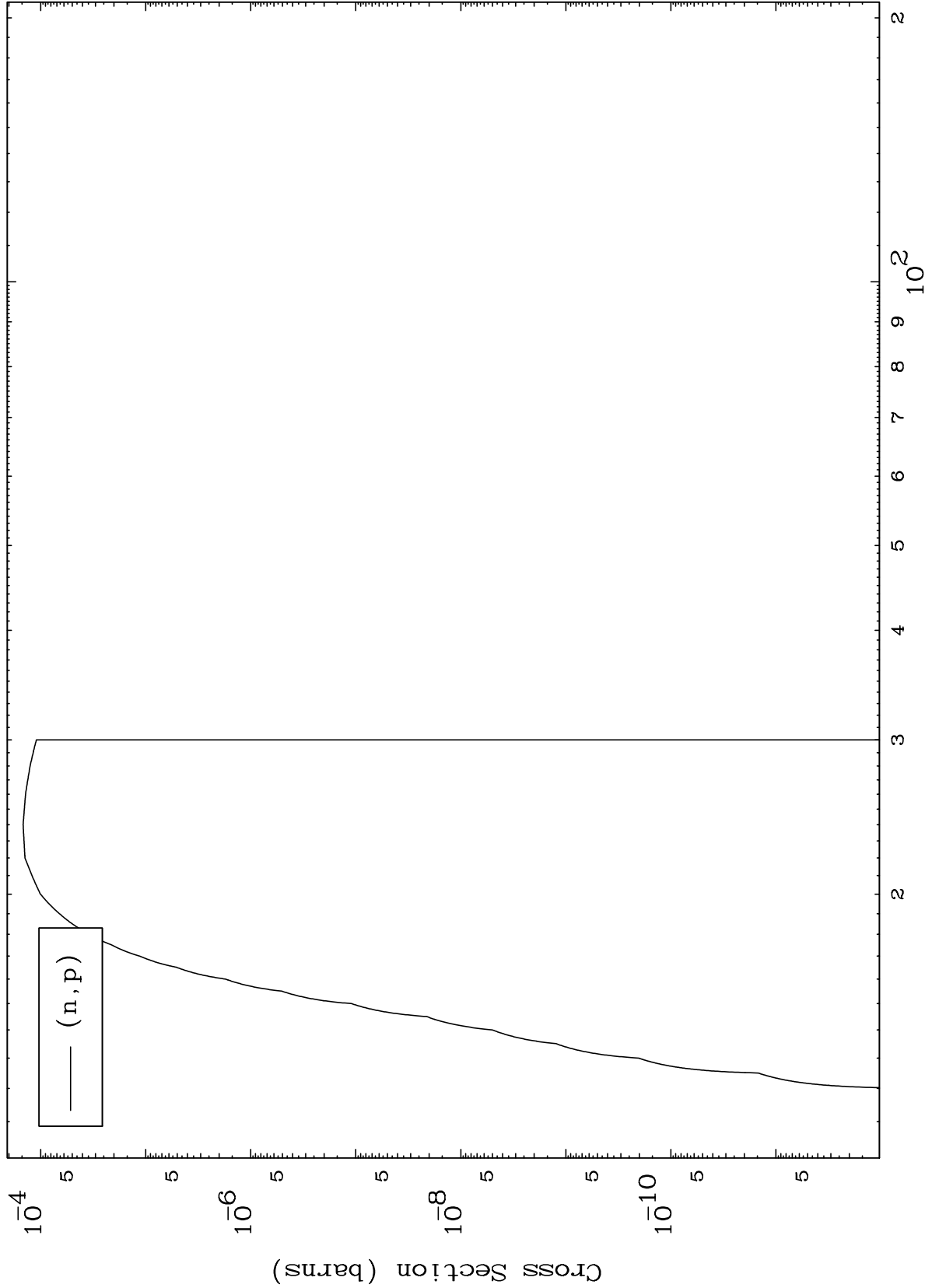
5

MAT 4152

( $\gamma, p$ ) Levels

41-Nb-102

0 Kelvin Cross Sections



Incident Energy (MeV)

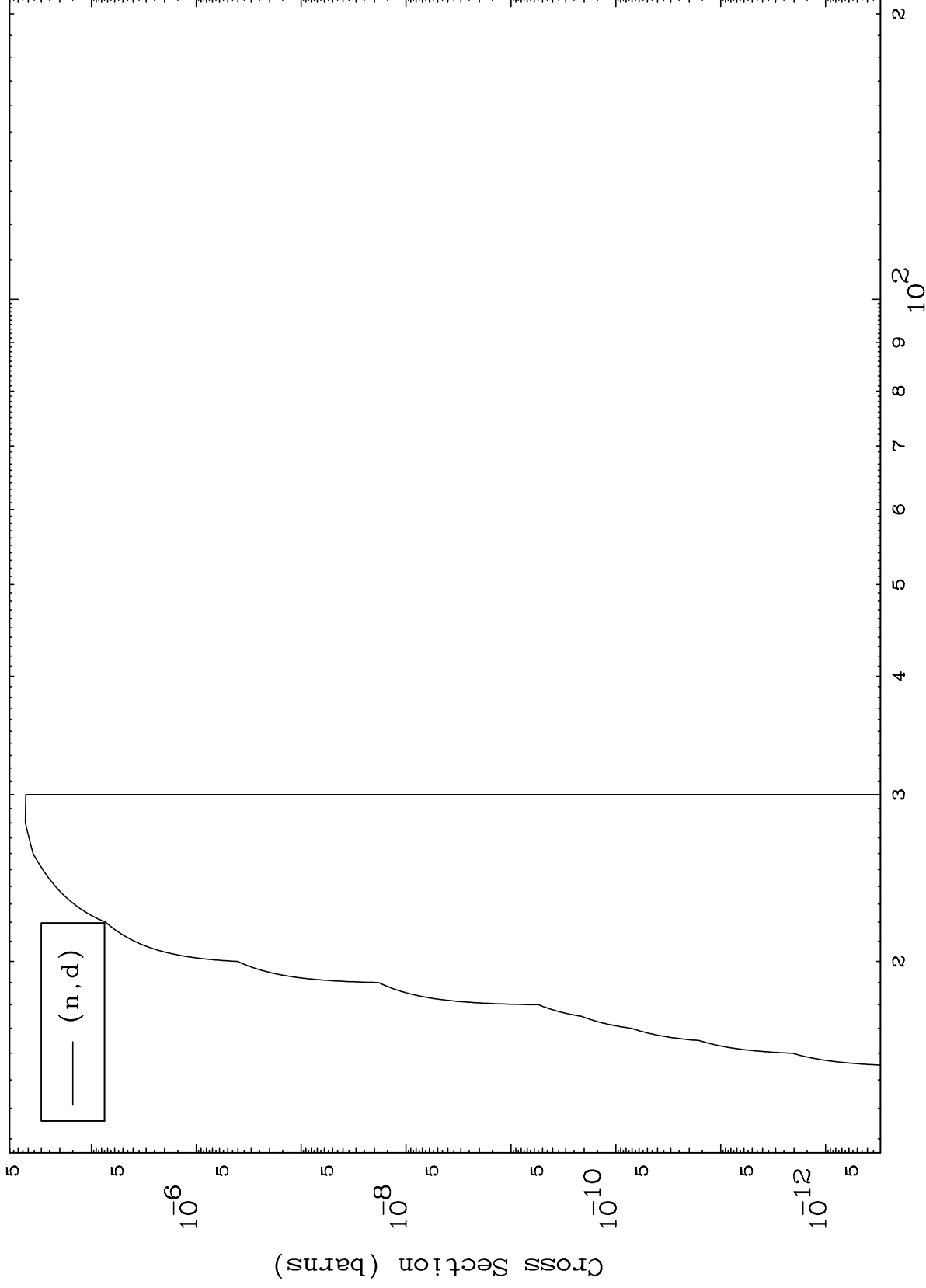
41-Nb-102

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MAT 4152

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

41-Nb-102



7

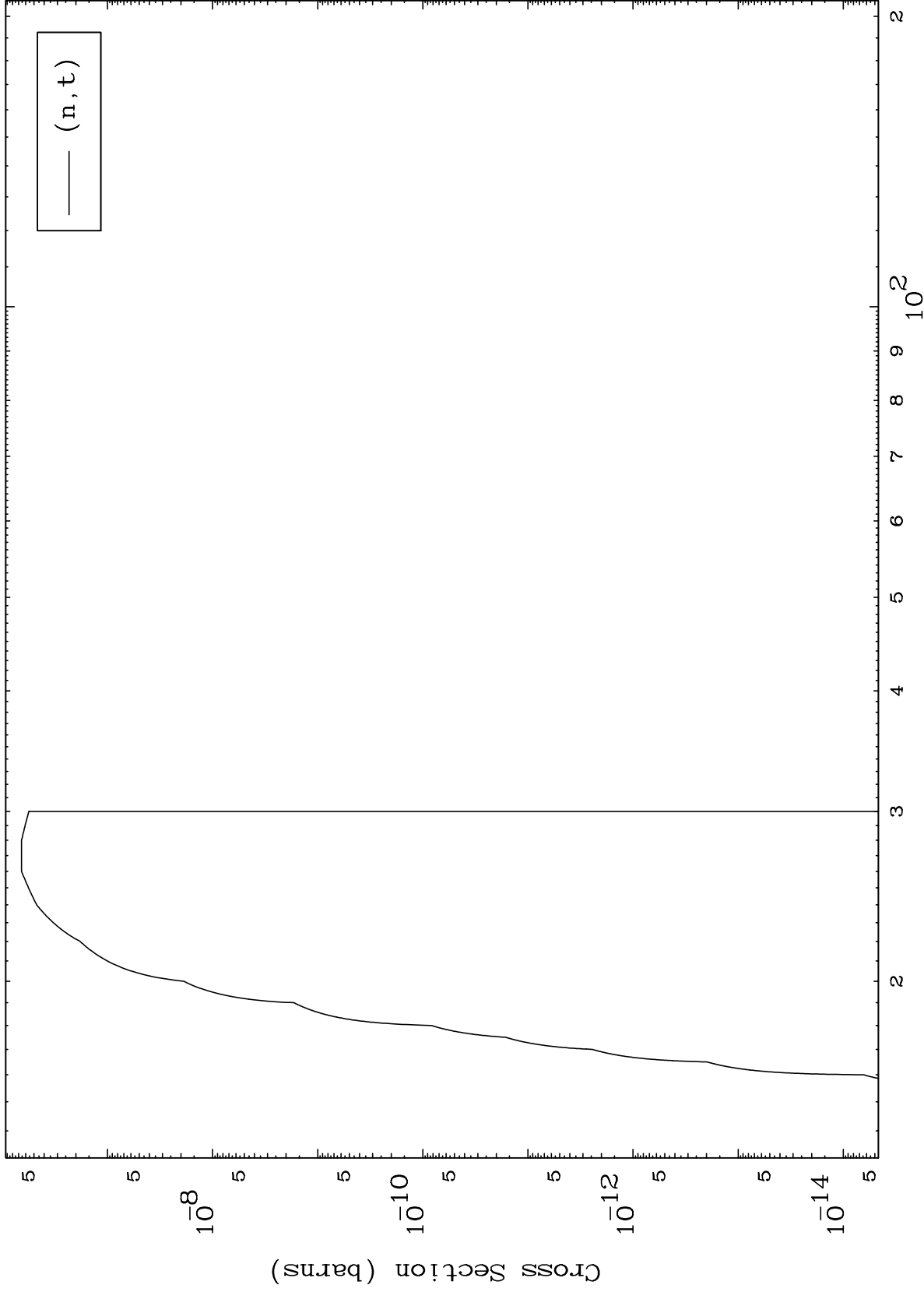
Incident Energy (MeV)

41-Nb-102

MAT 4152

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

41-Nb-102



8

Incident Energy (MeV)

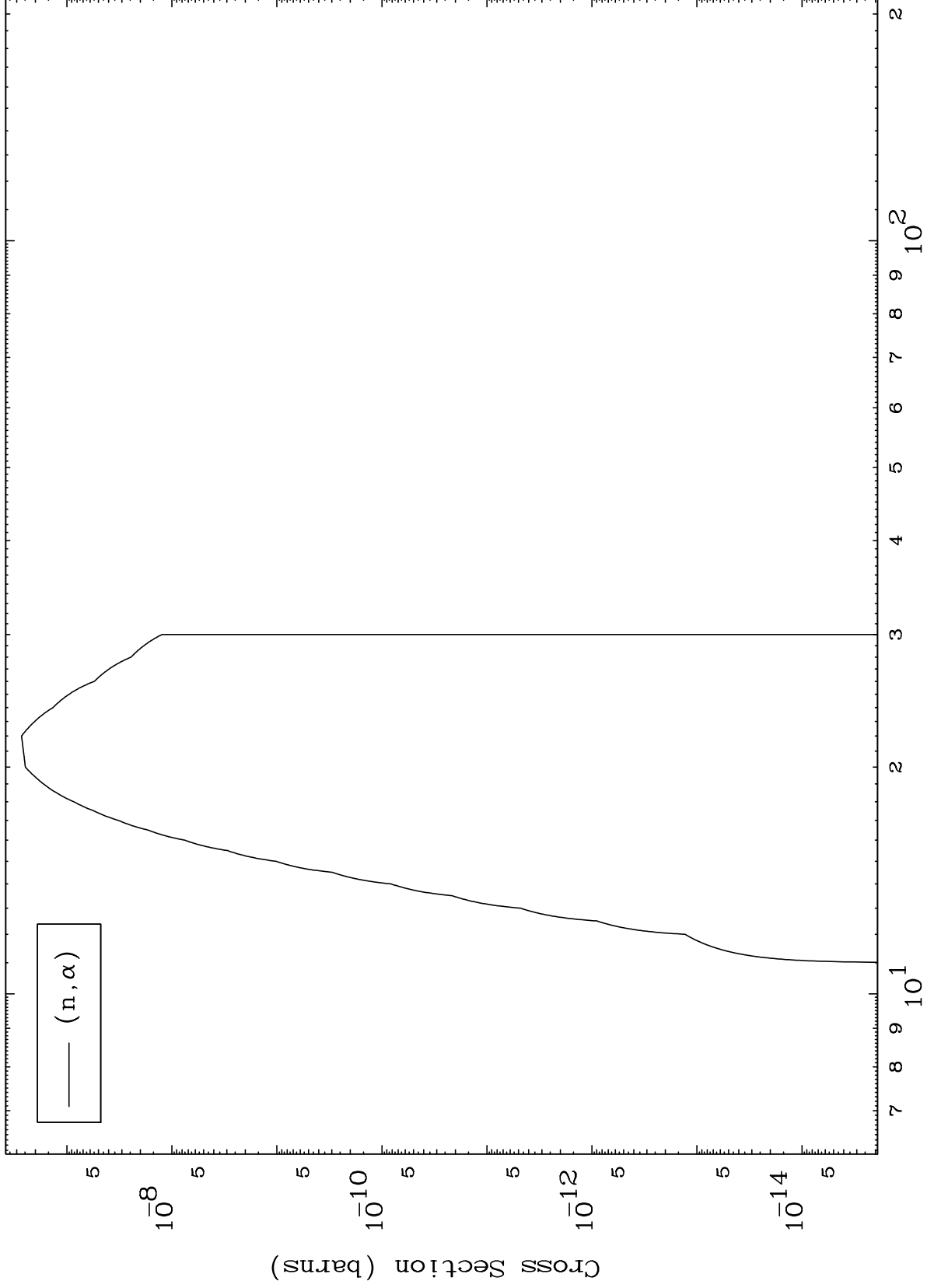
41-Nb-102

MAT 4152

( $\gamma, \alpha$ ) Levels

41-Nb-102

0 Kelvin Cross Sections



9

Incident Energy (MeV)

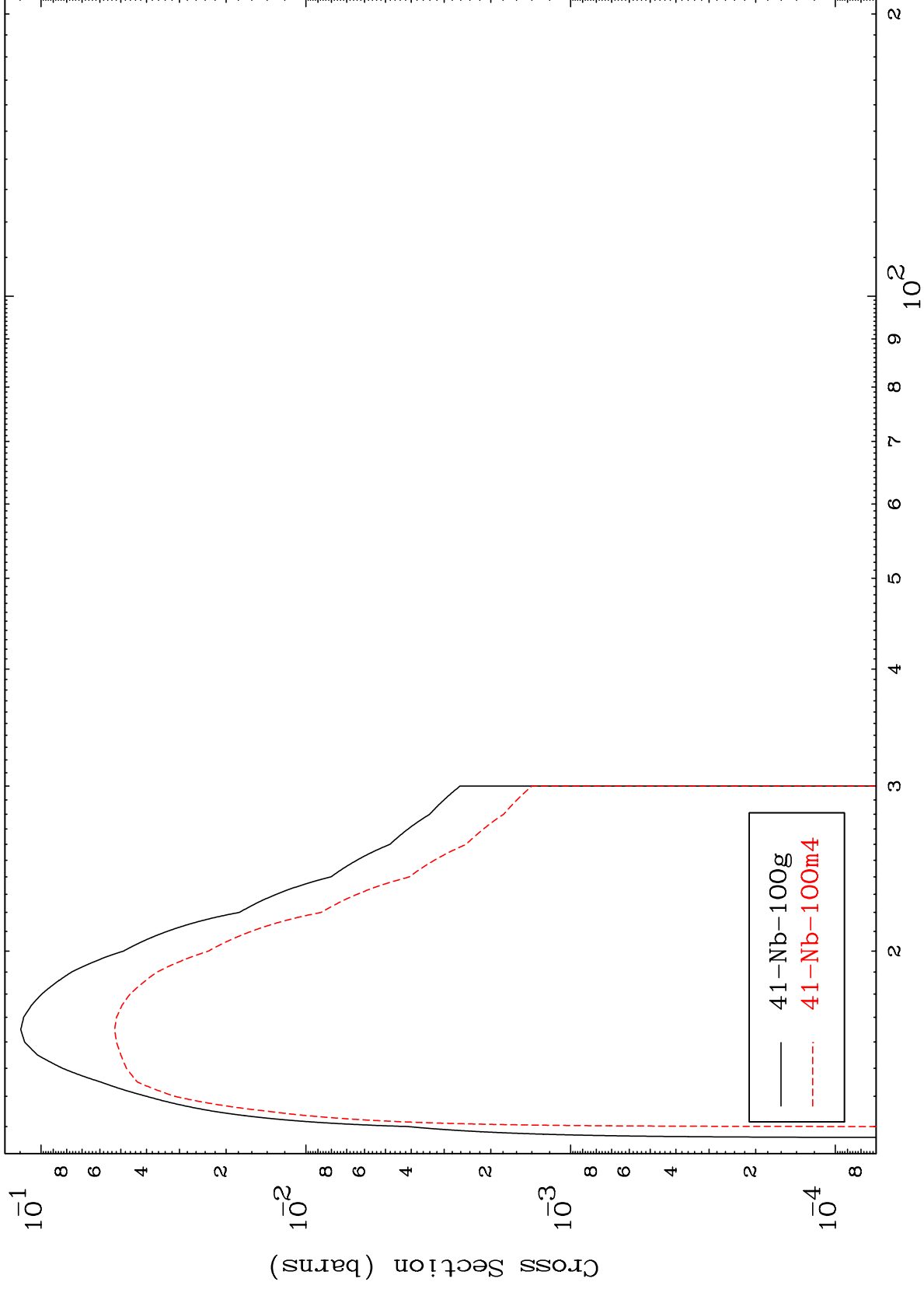
41-Nb-102

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(n,2n)

41-Nb-102

Radionuclide Production Cross Section



10

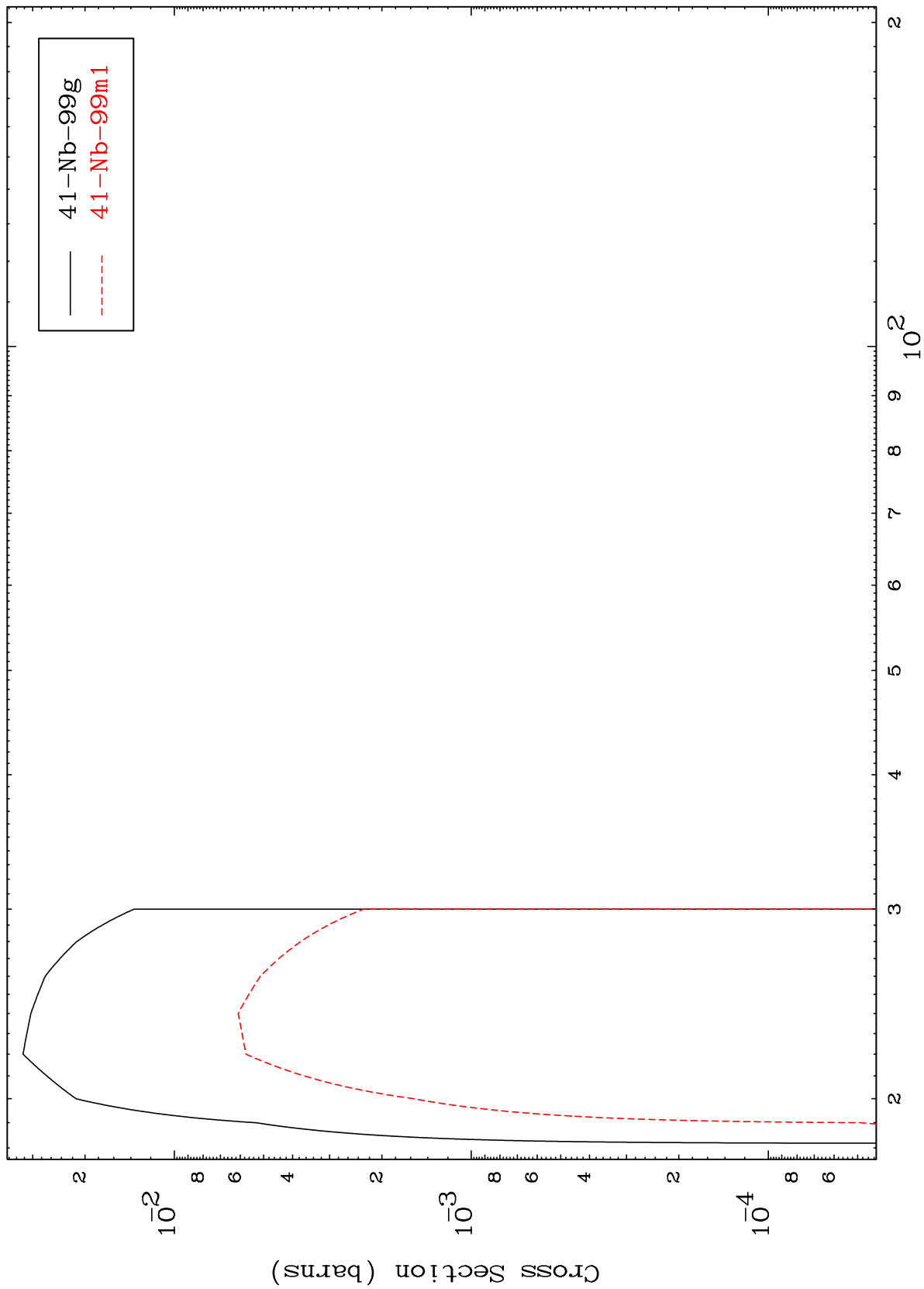
Incident Energy (MeV)

41-Nb-102

MAT 4152

41-Nb-102

(n,3n)  
Radionuclide Production Cross Section

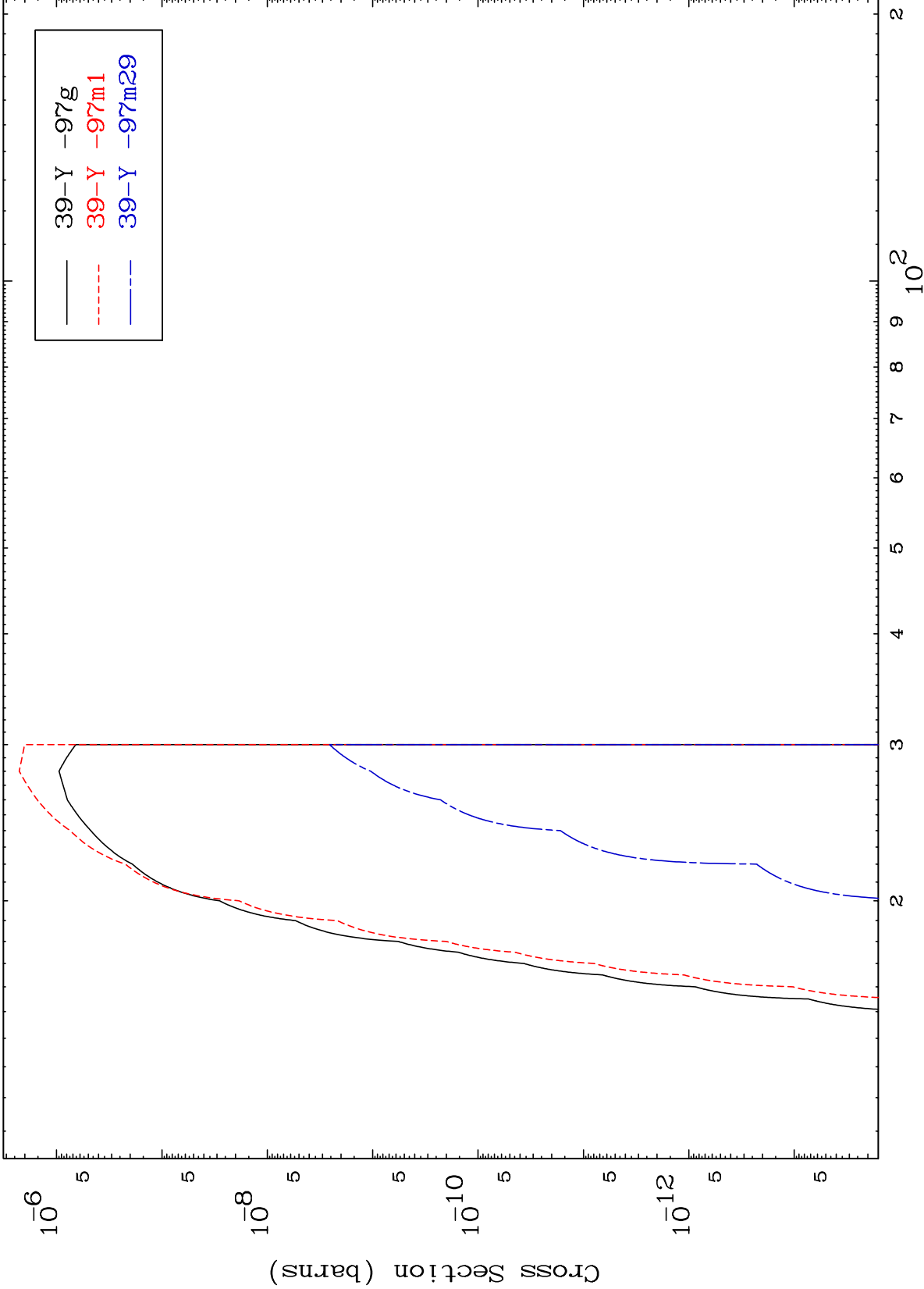


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Incident Energy (MeV)

41-Nb-102

Radionuclide Production Cross Section

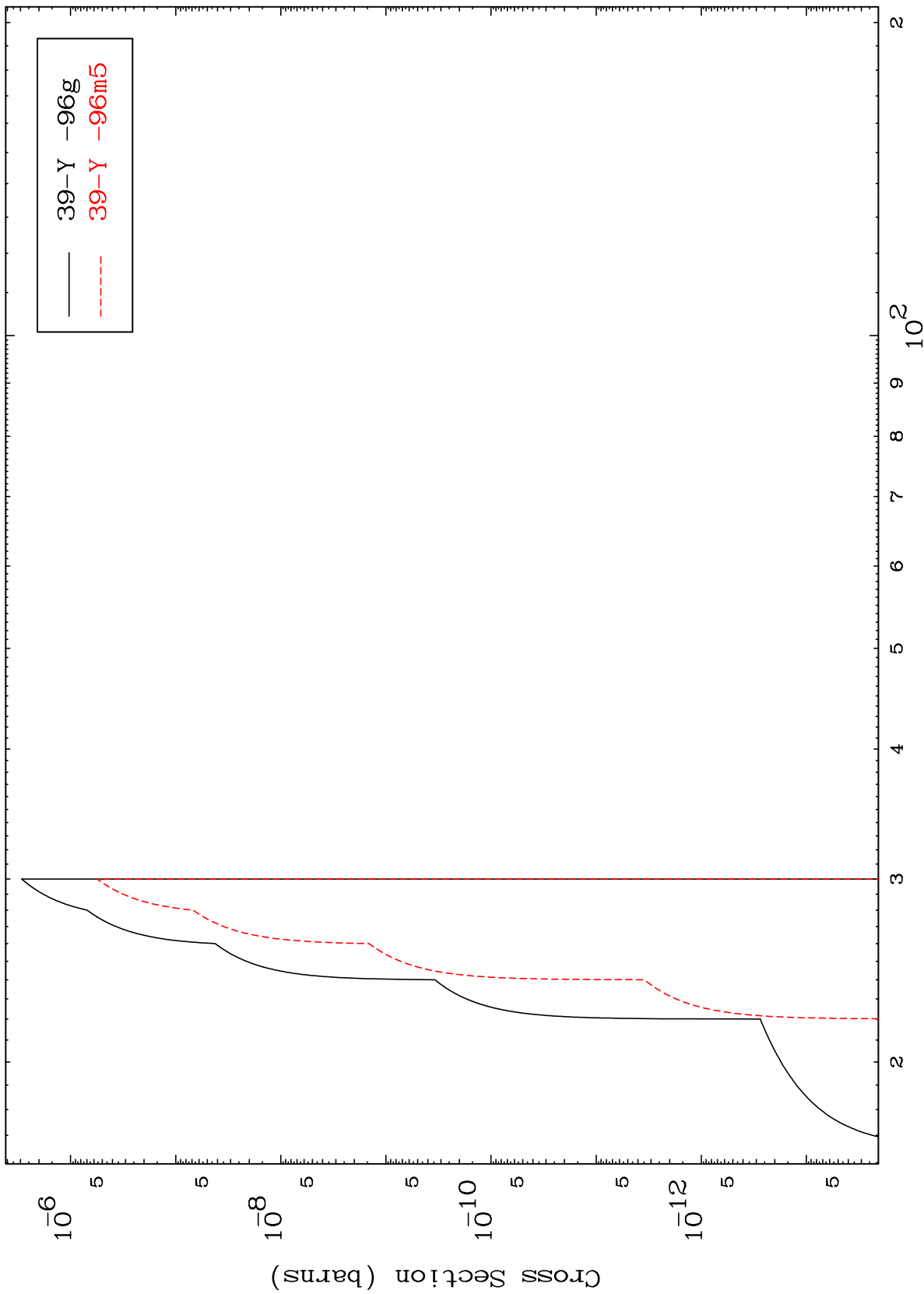


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(n,2n)  $\alpha$

41-Nb-102

Radionuclide Production Cross Section



13

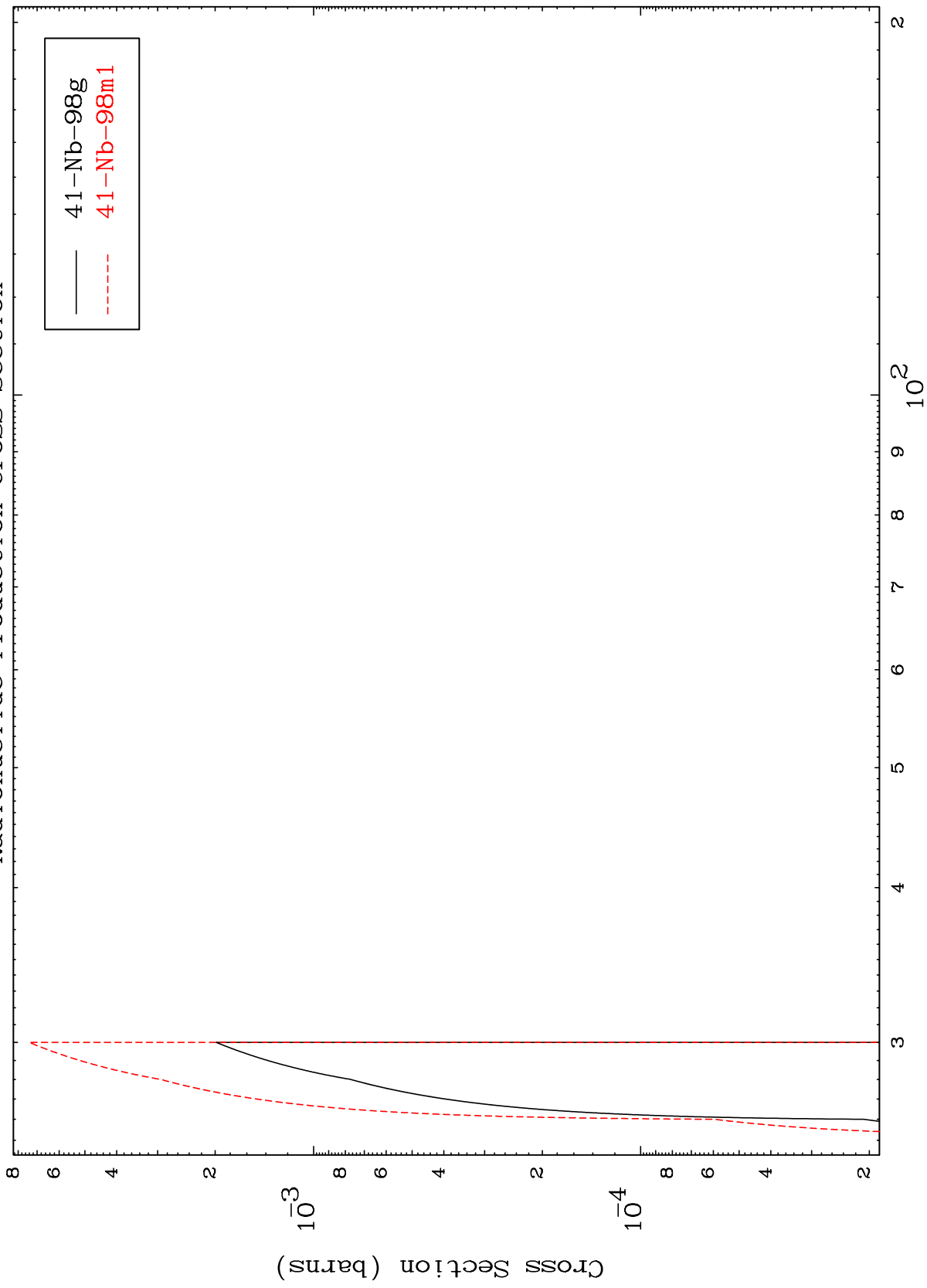
Incident Energy (MeV)

41-Nb-102

MAT 4152

41-Nb-102

(n,4n)  
Radionuclide Production Cross Section



41-Nb-102

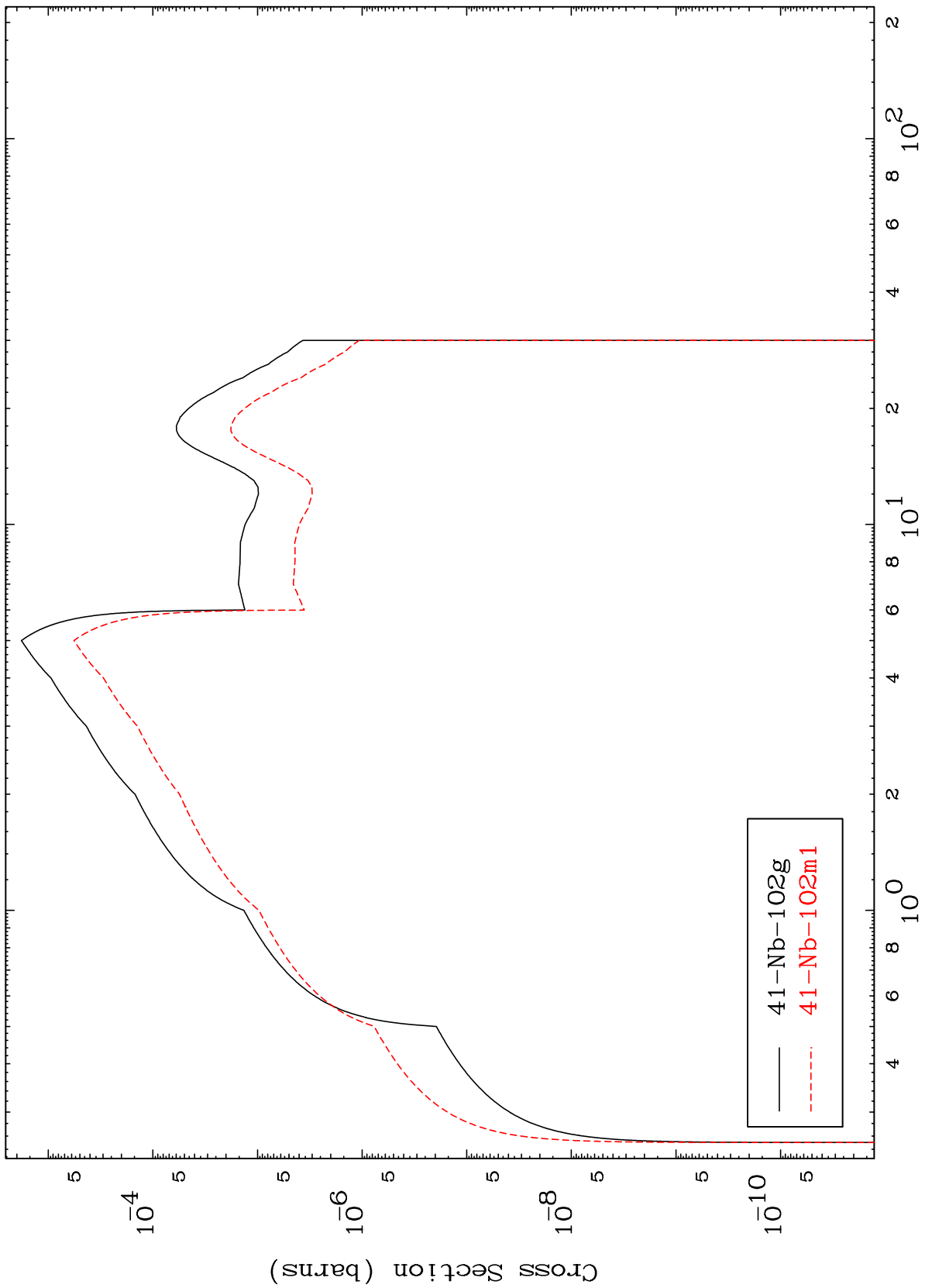
Incident Energy (MeV)

14

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41-Nb-102

(n,  $\gamma$ )  
Radionuclide Production Cross Section



15

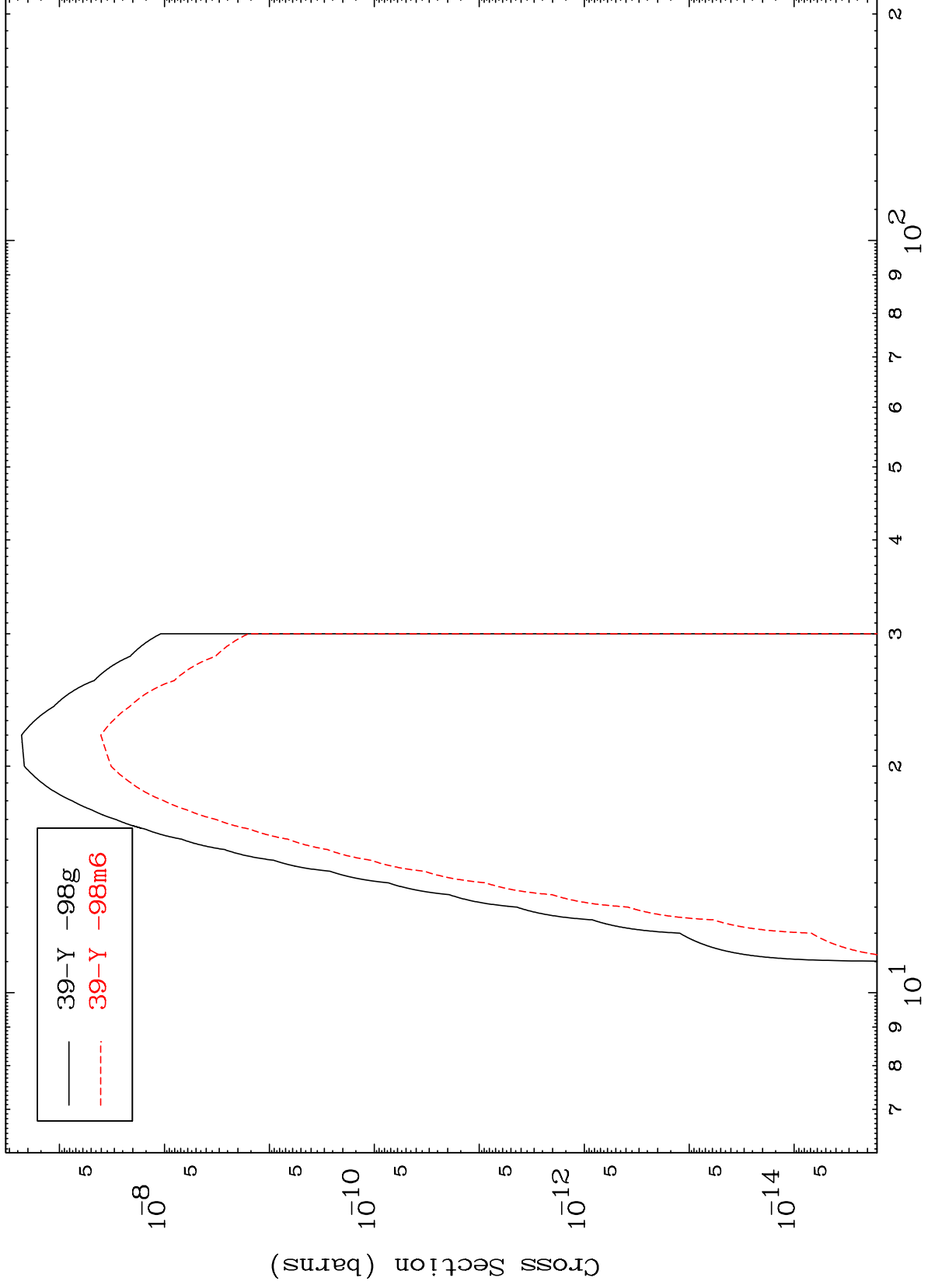
41-Nb-102

Incident Energy (MeV)

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41-Nb-102

Radionuclide Production Cross Section  
(n,  $\alpha$ )



16

Incident Energy (MeV)

41-Nb-102