

Program EVALPLOT  
(Version 2018-1)

by

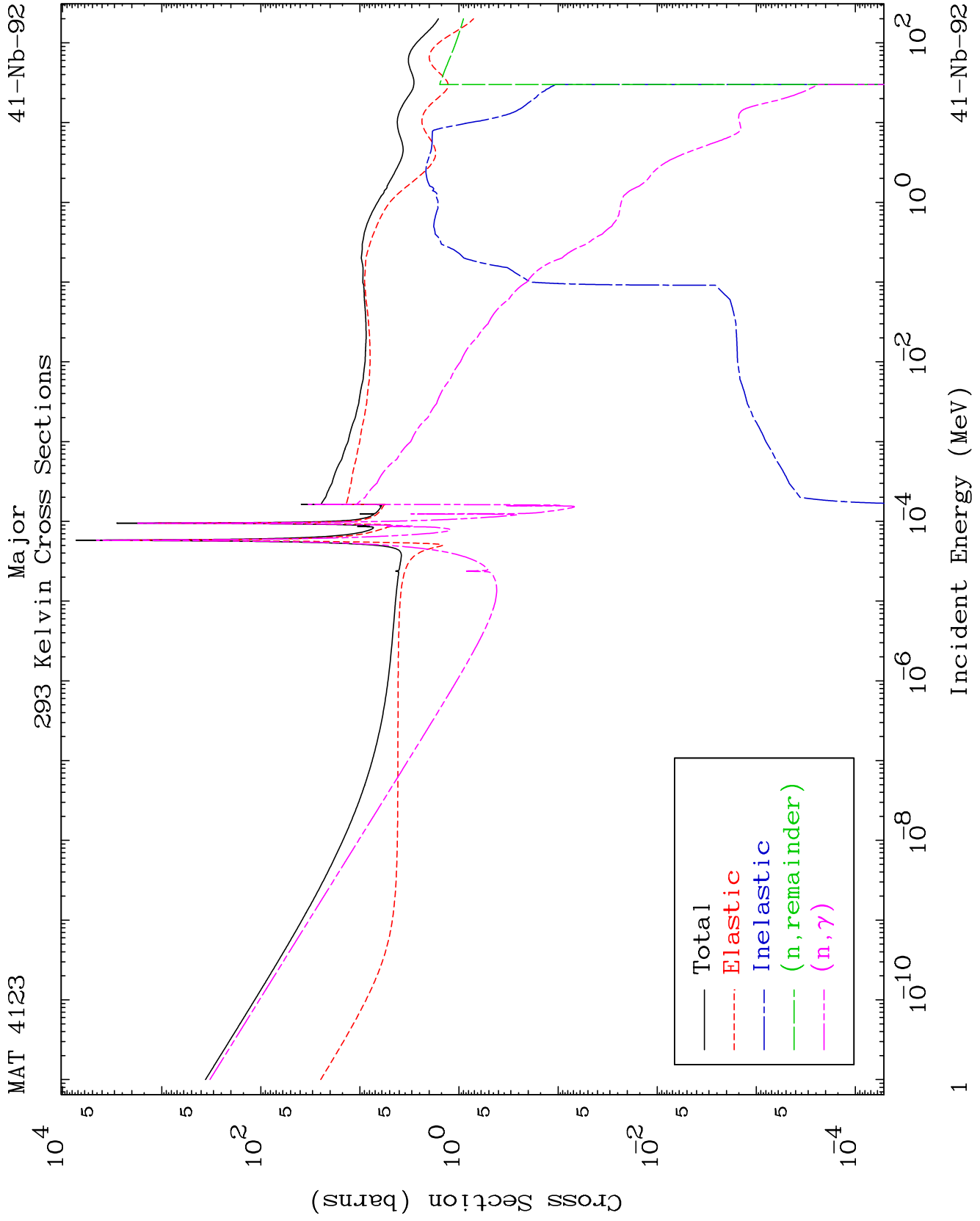
Dermott E. Cullen  
(Present Contact Information)

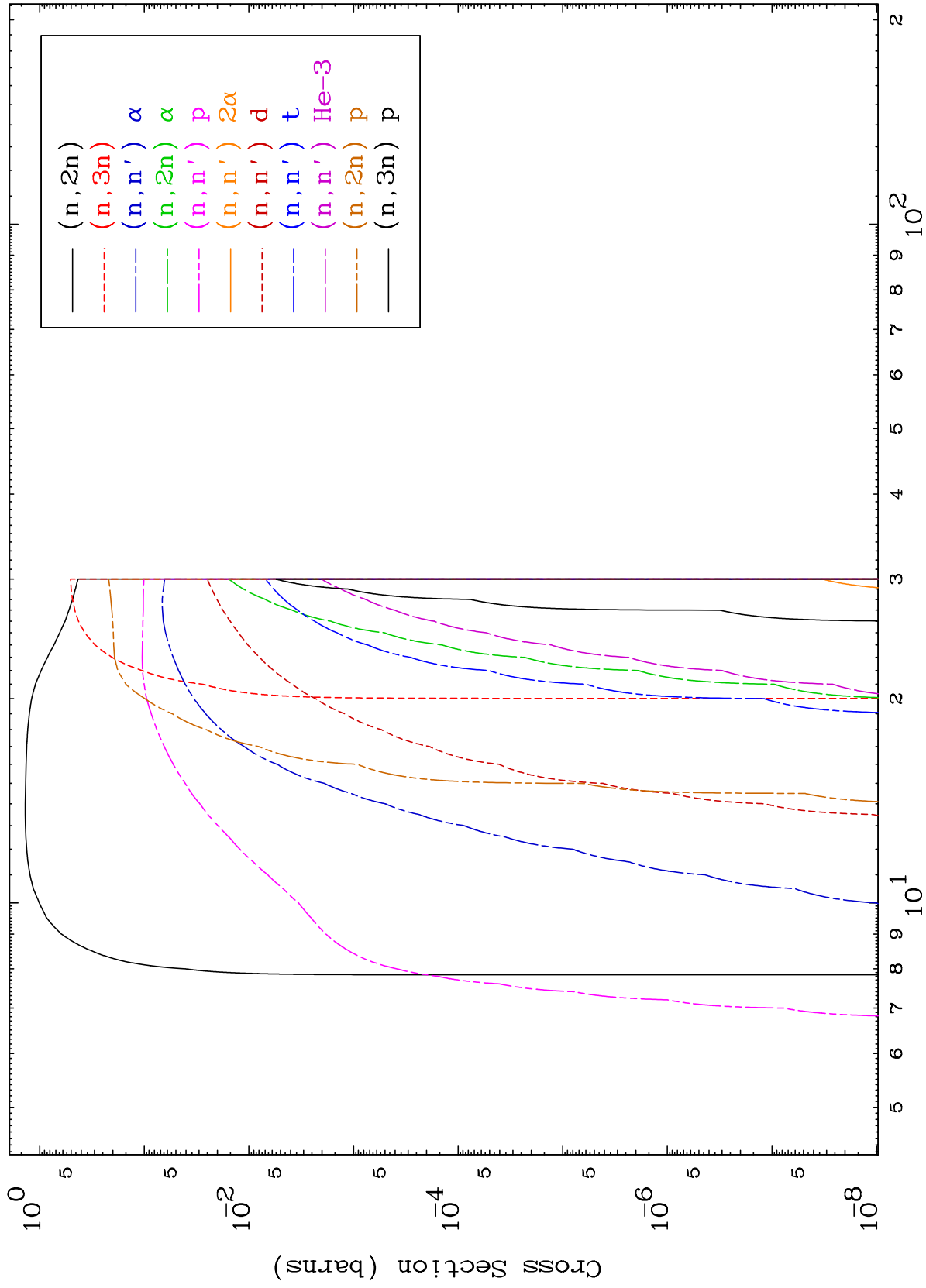
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Tele: 925-443-1911

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

Press Mouse Button to Start

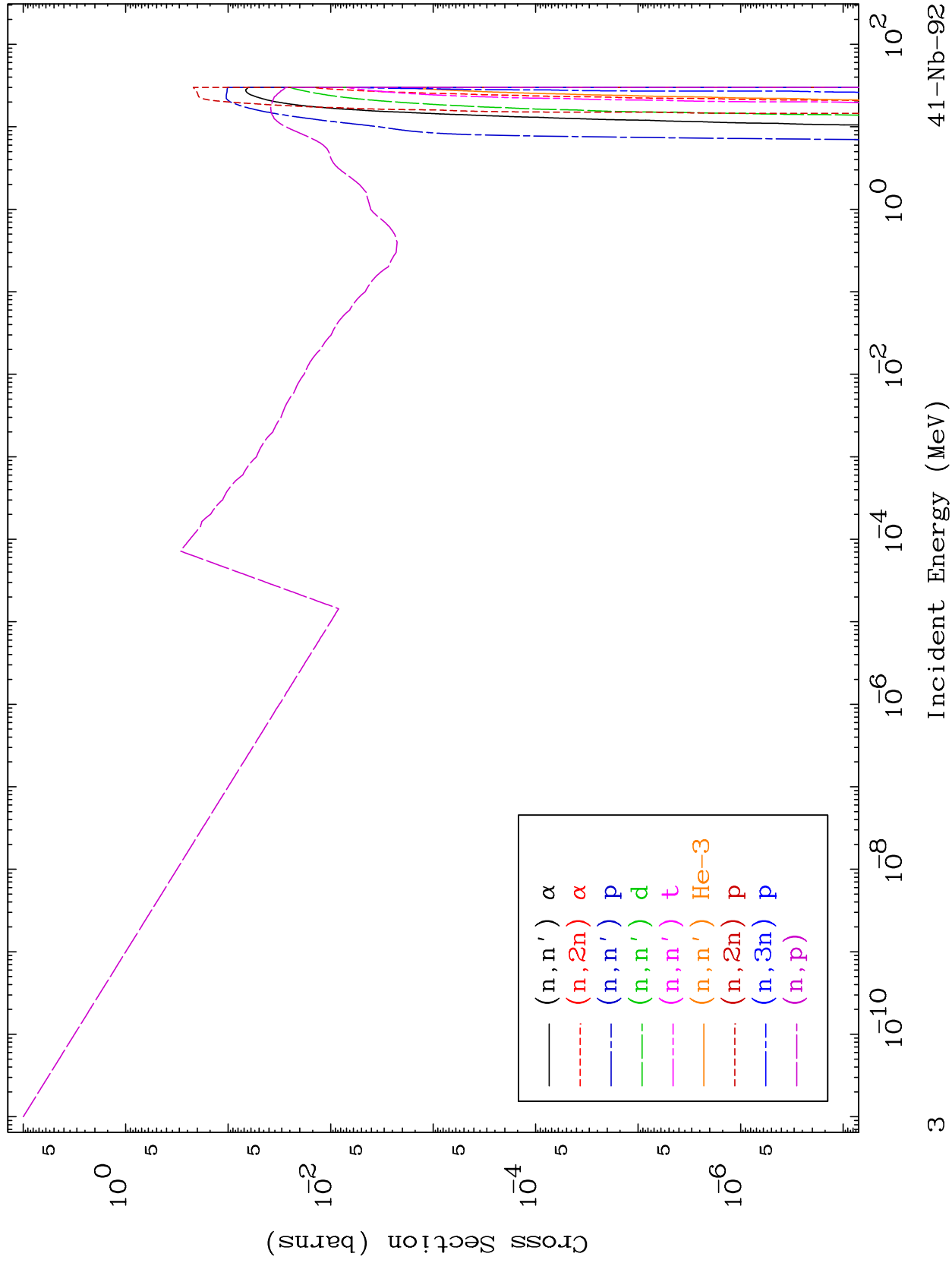




MAT 4123

Charged Particle  
293 Kelvin Cross Sections

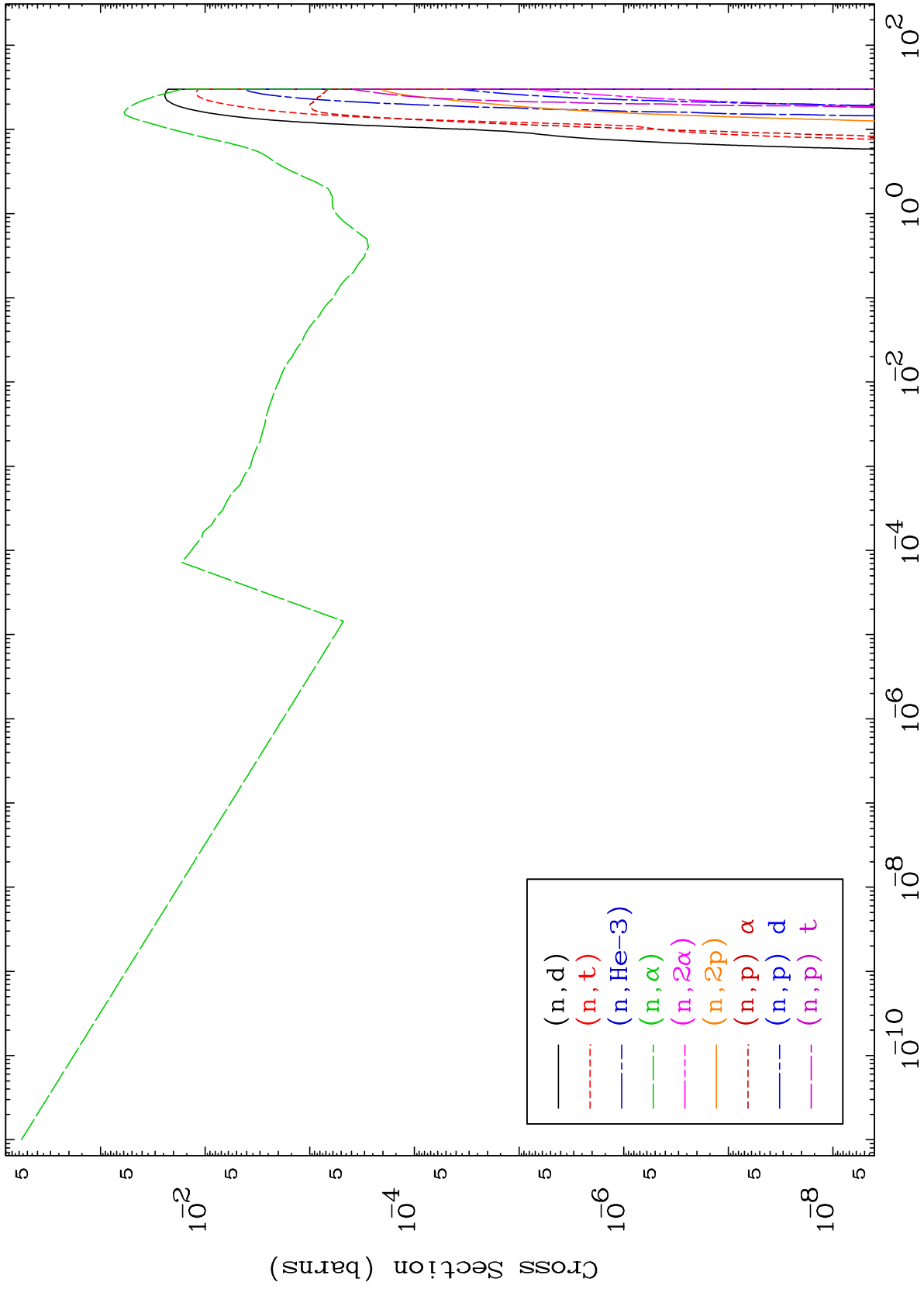
41-Nb-92



MAT 4123

Charged Particle  
293 Kelvin Cross Sections

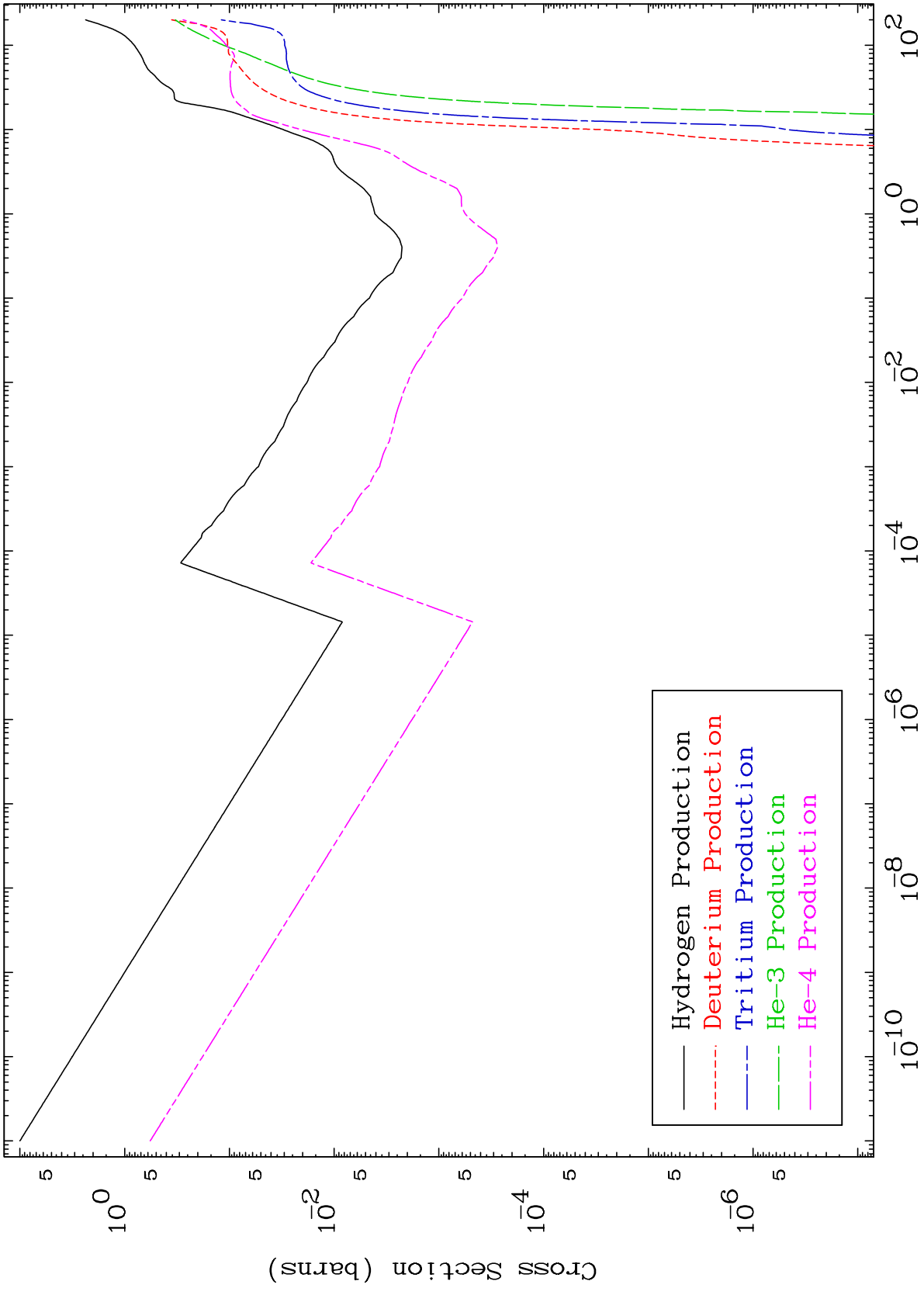
41-Nb-92



MAT 4123

Particle Production  
293 Kelvin Cross Sections

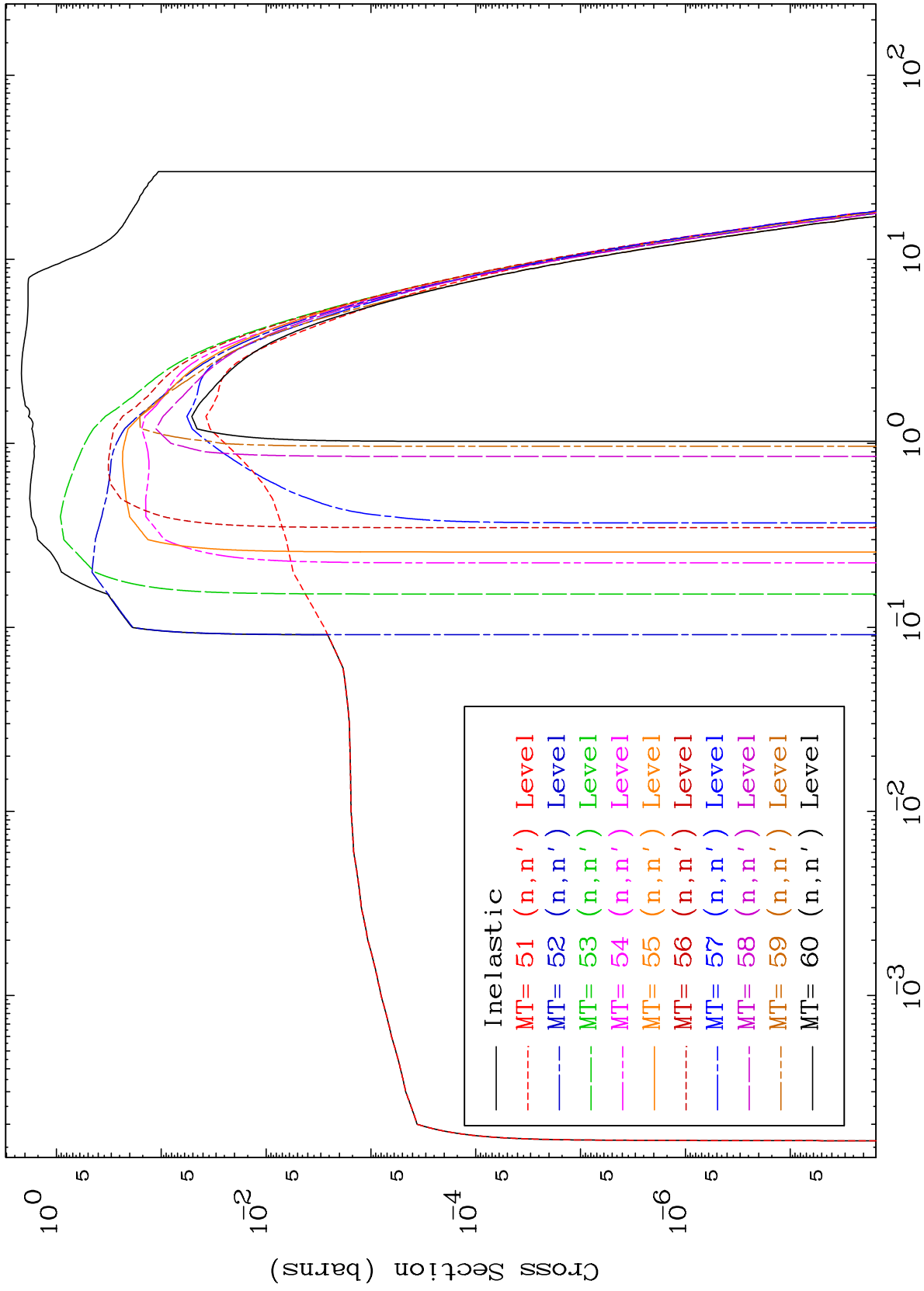
41-Nb-92



MAT 4123

293 Kelvin Cross Sections  
(n,n') Level

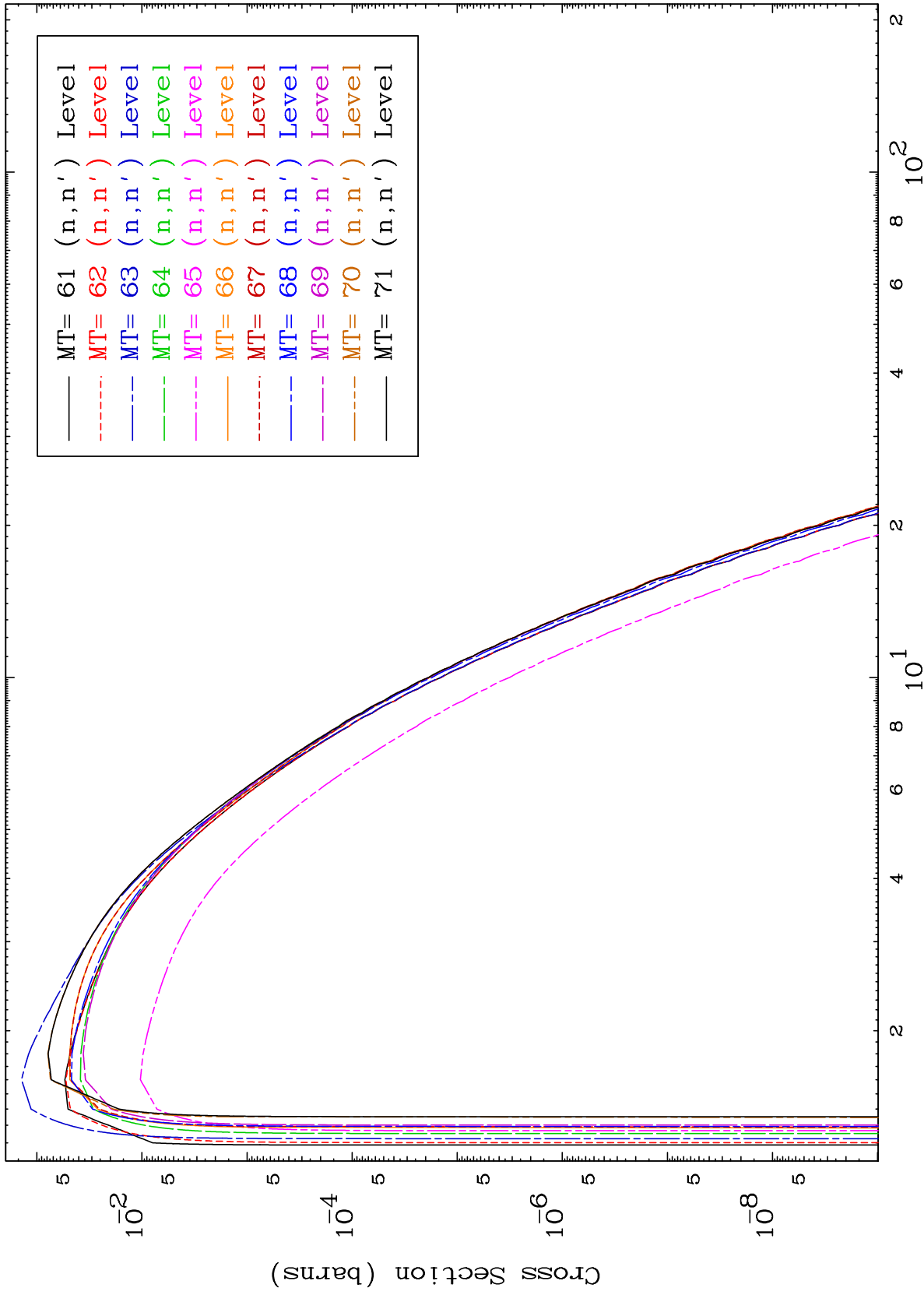
41-Nb-92



MAT 4123

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-92



7

Incident Energy (MeV)

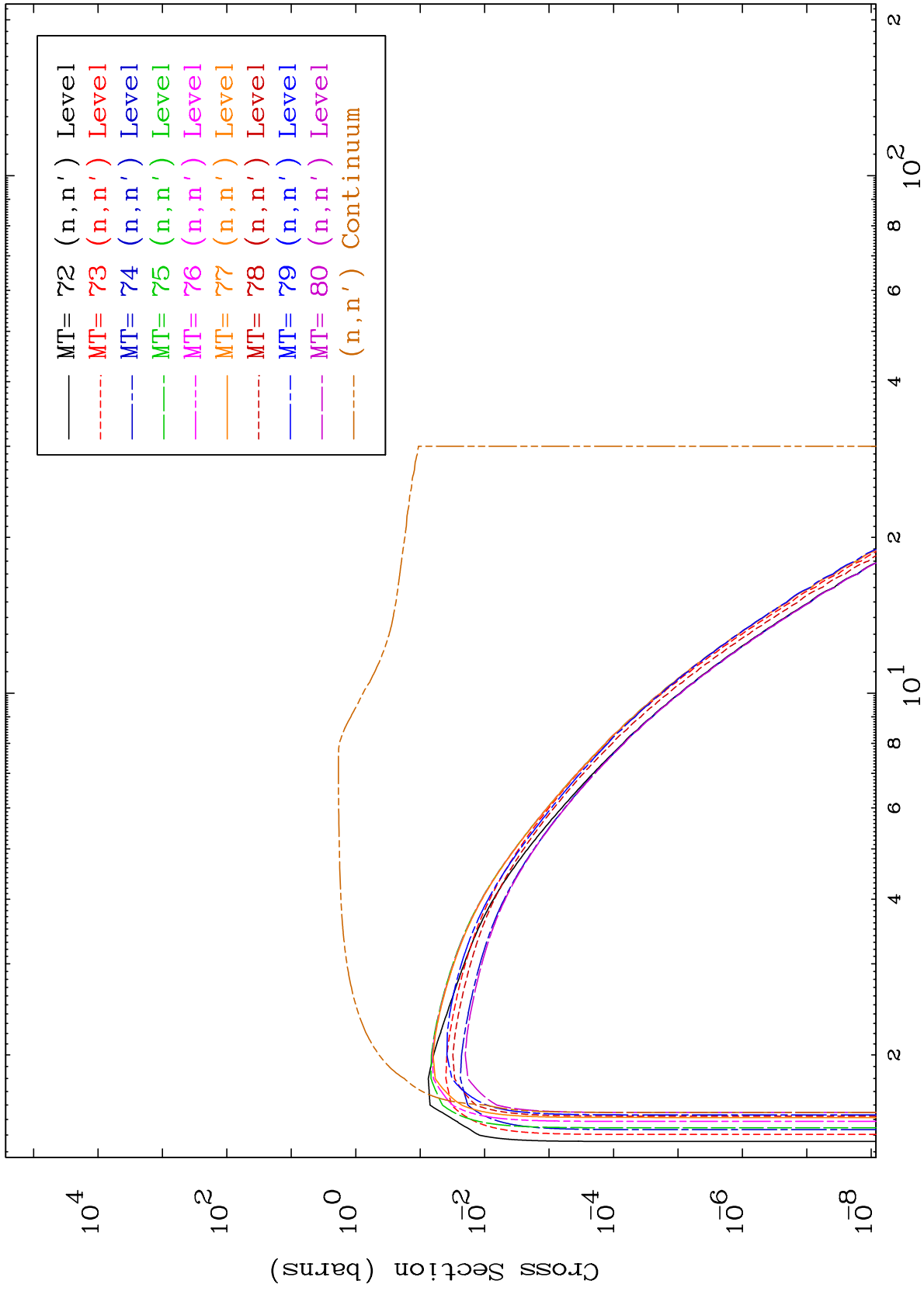
41-Nb-92



MAT 4123

(n,n') Level  
293 Kelvin Cross Sections

41-Nb-92



8

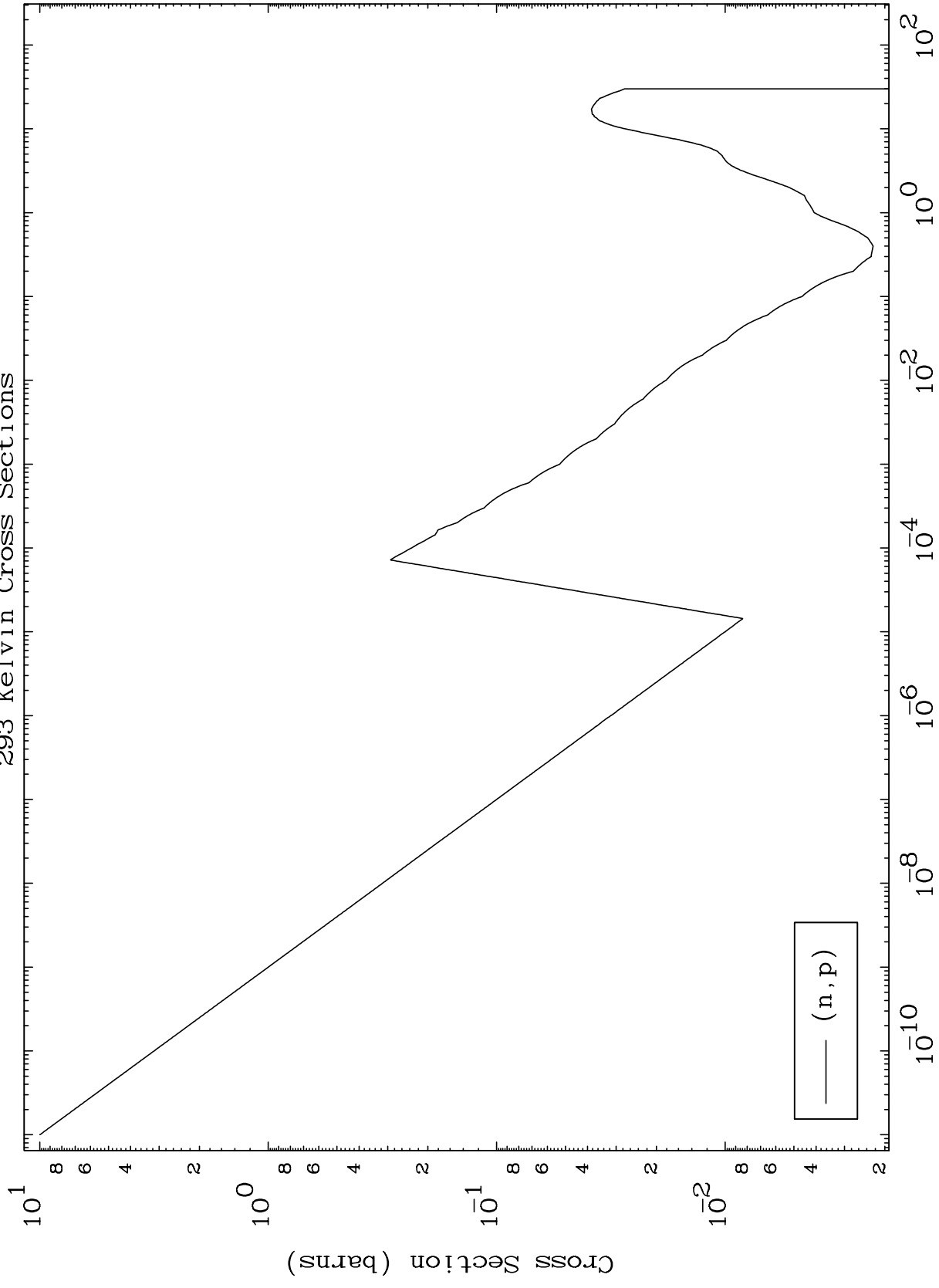
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-92

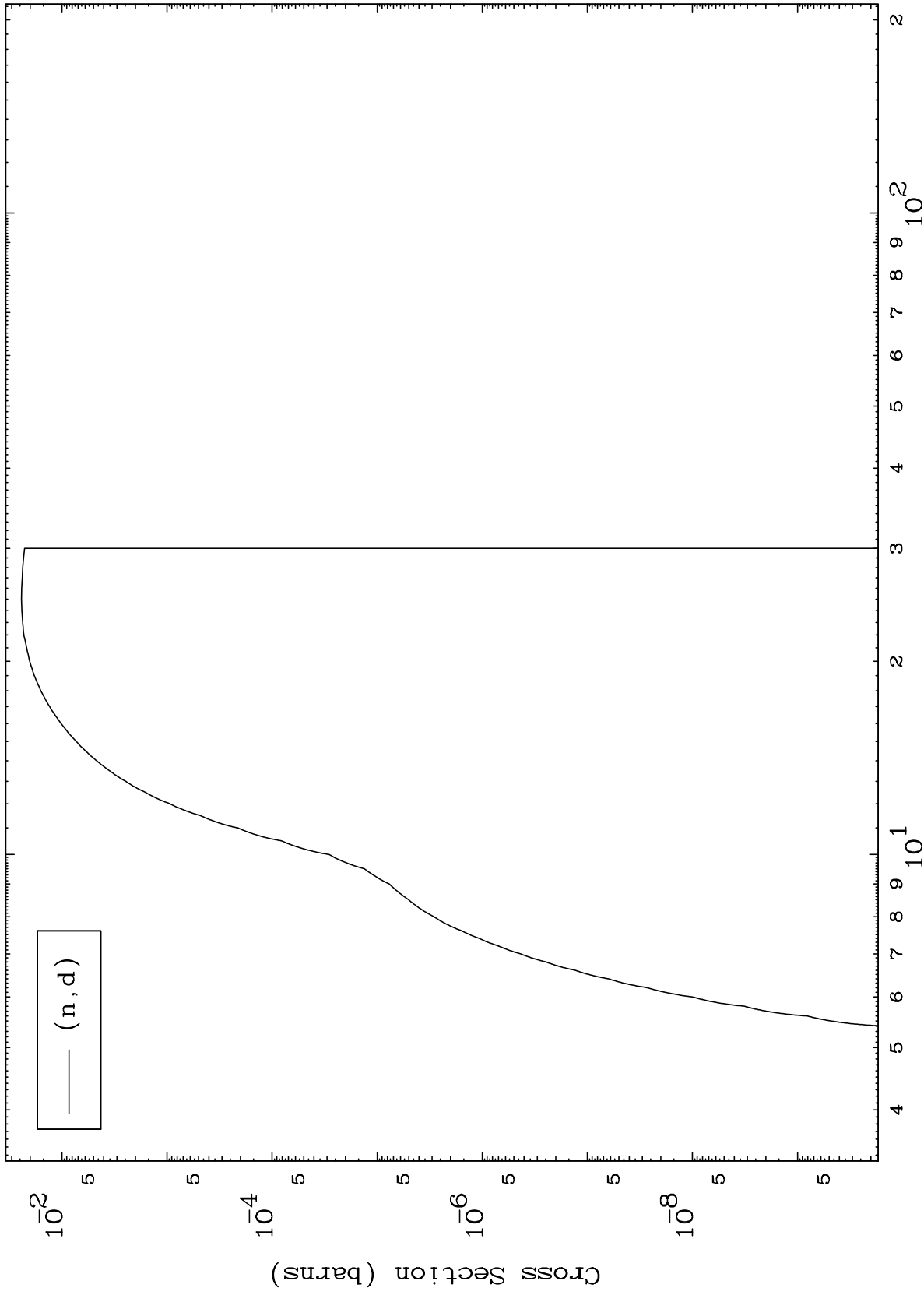


— (n, p)

MAT 4123

(n,d) Levels  
293 Kelvin Cross Sections

41-Nb-92



10

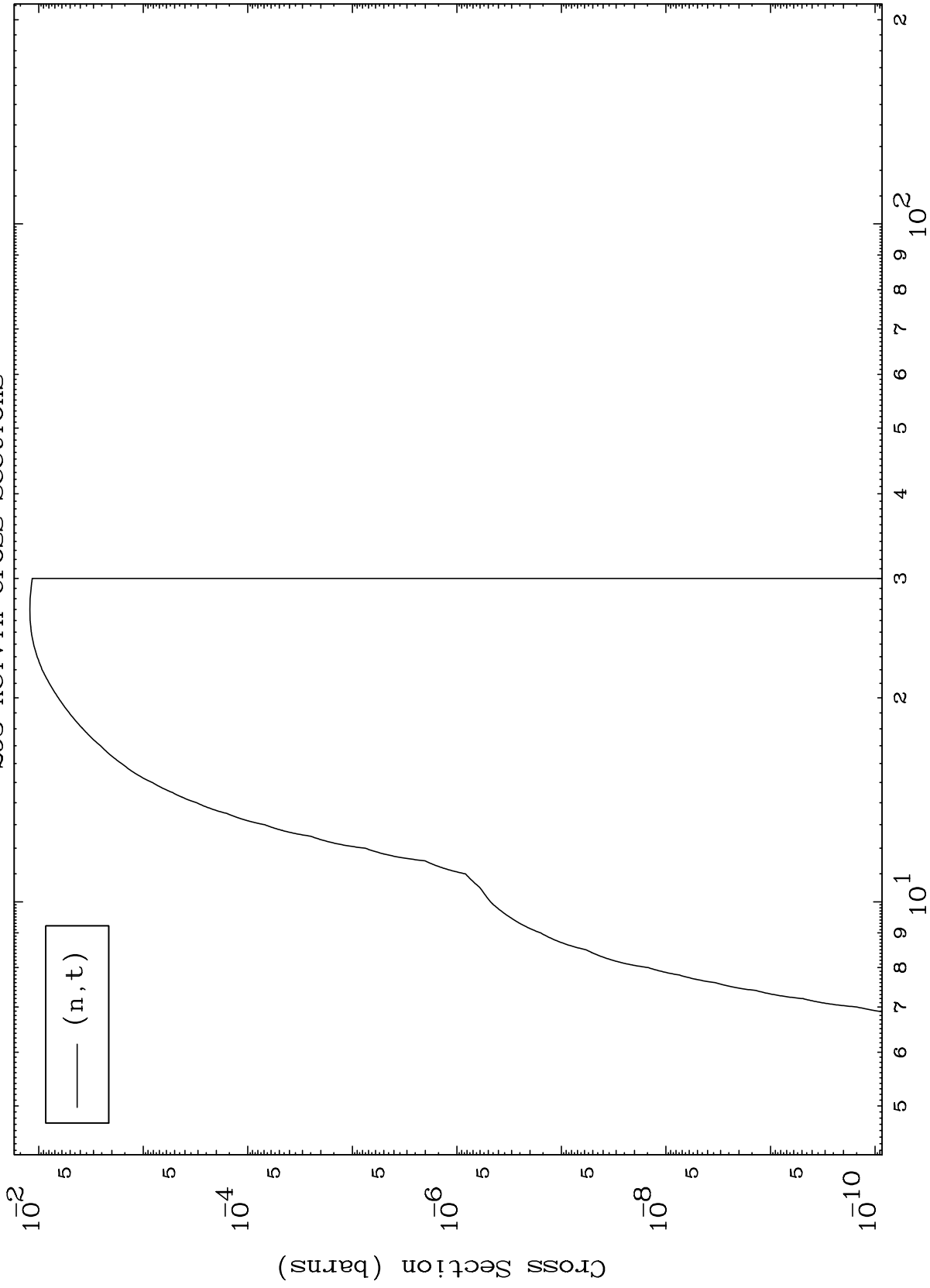
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-92



11

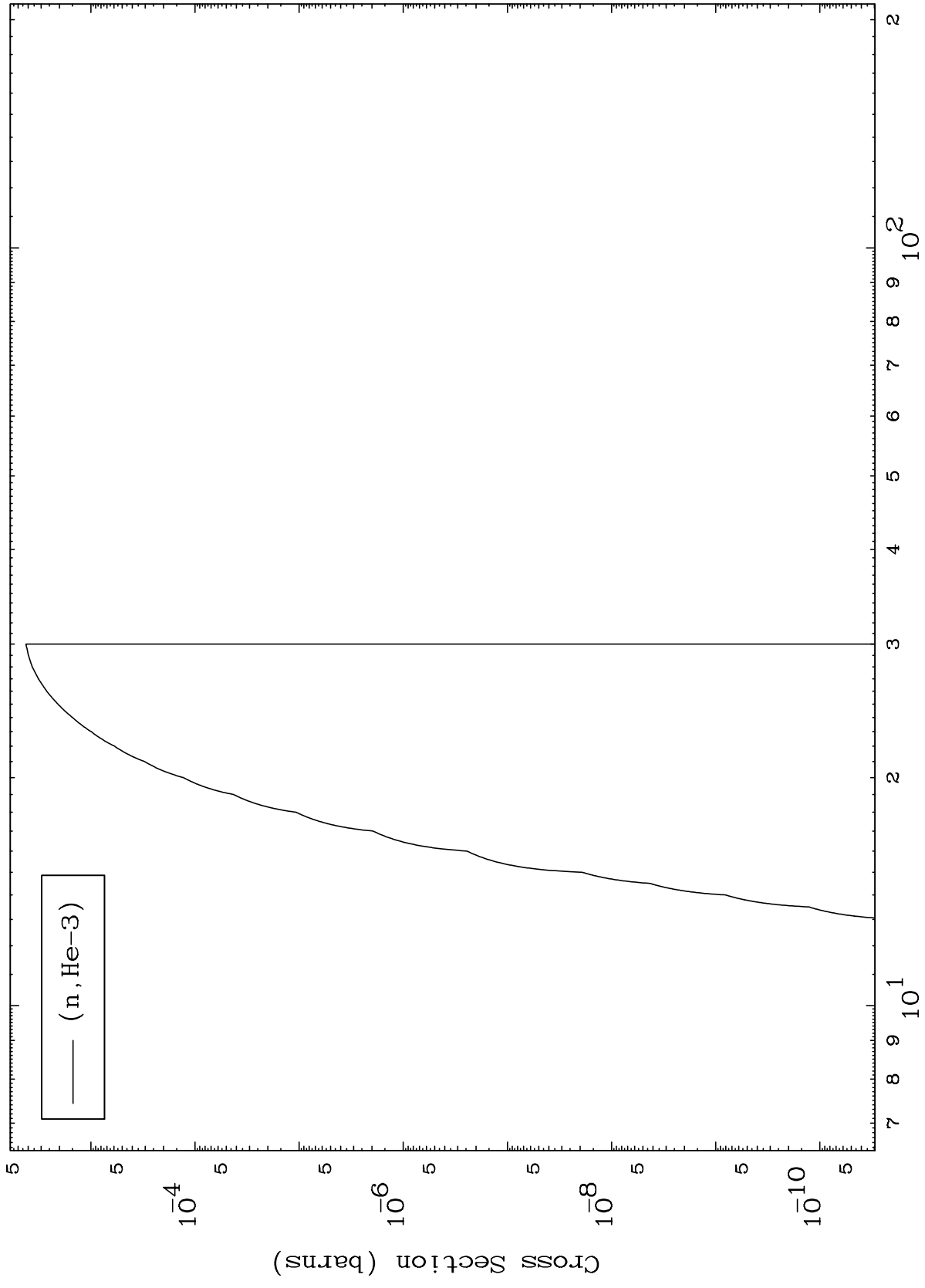
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-92



12

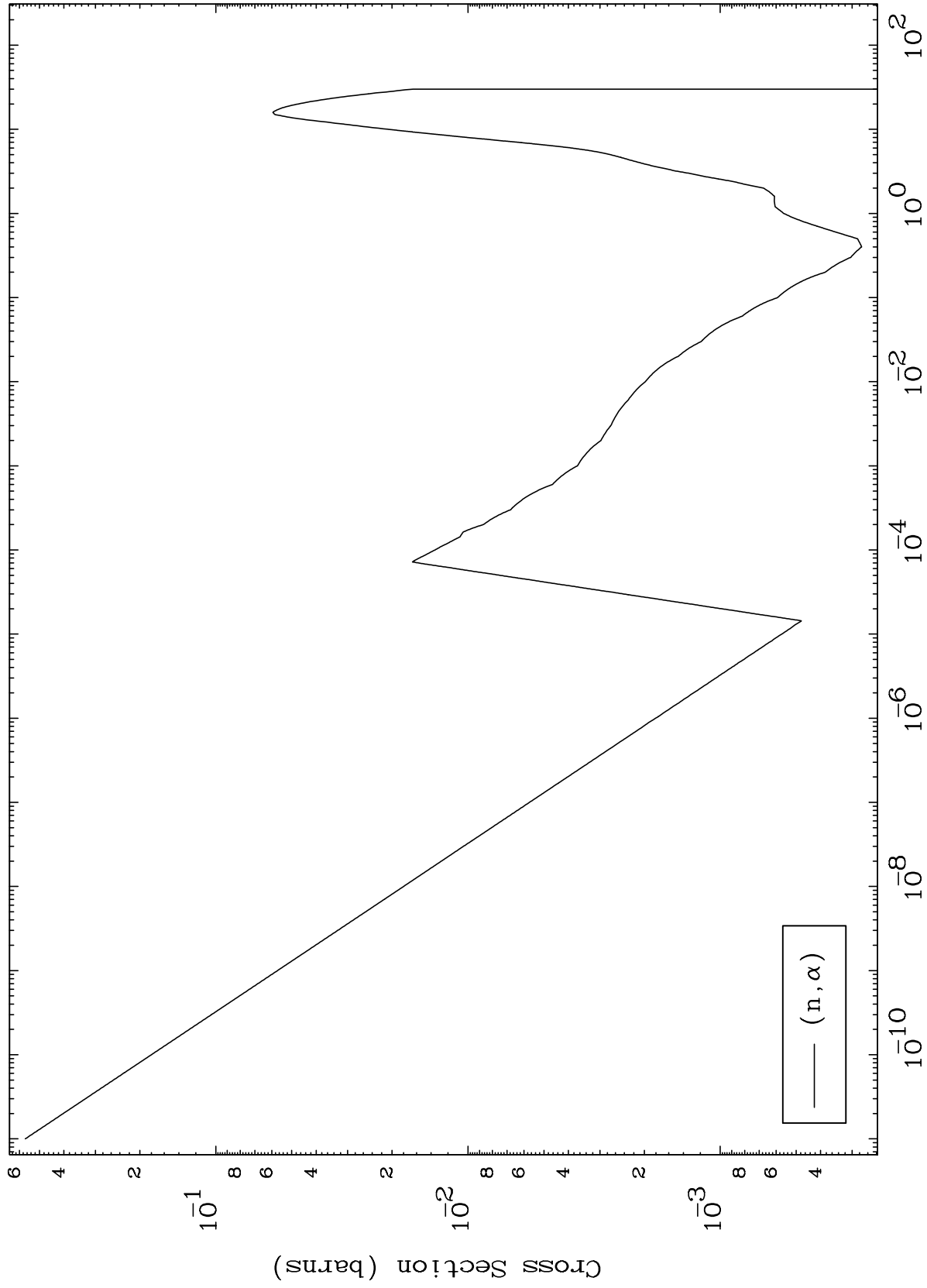
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,α) Levels  
293 Kelvin Cross Sections

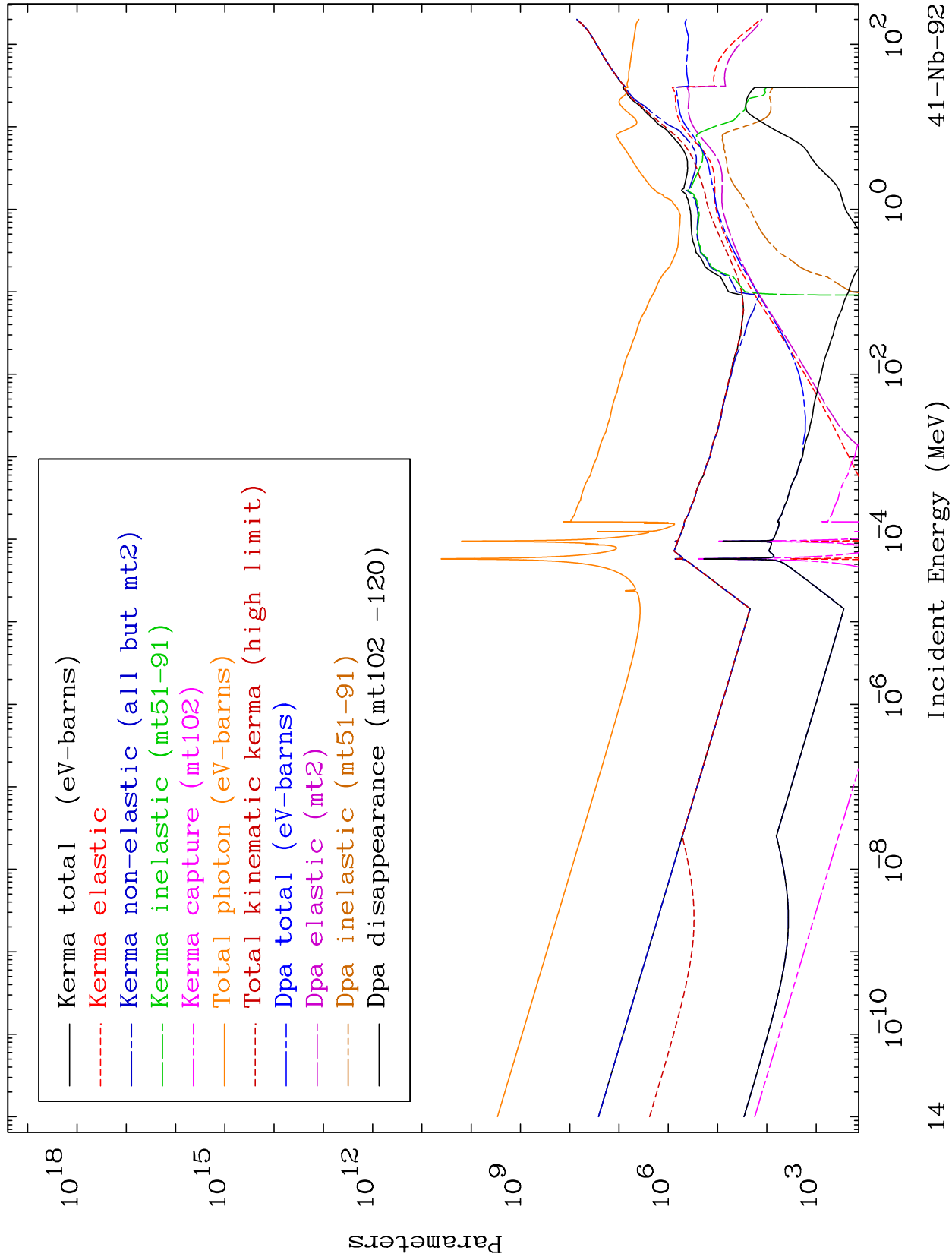
41-Nb-92



13

Incident Energy (MeV)

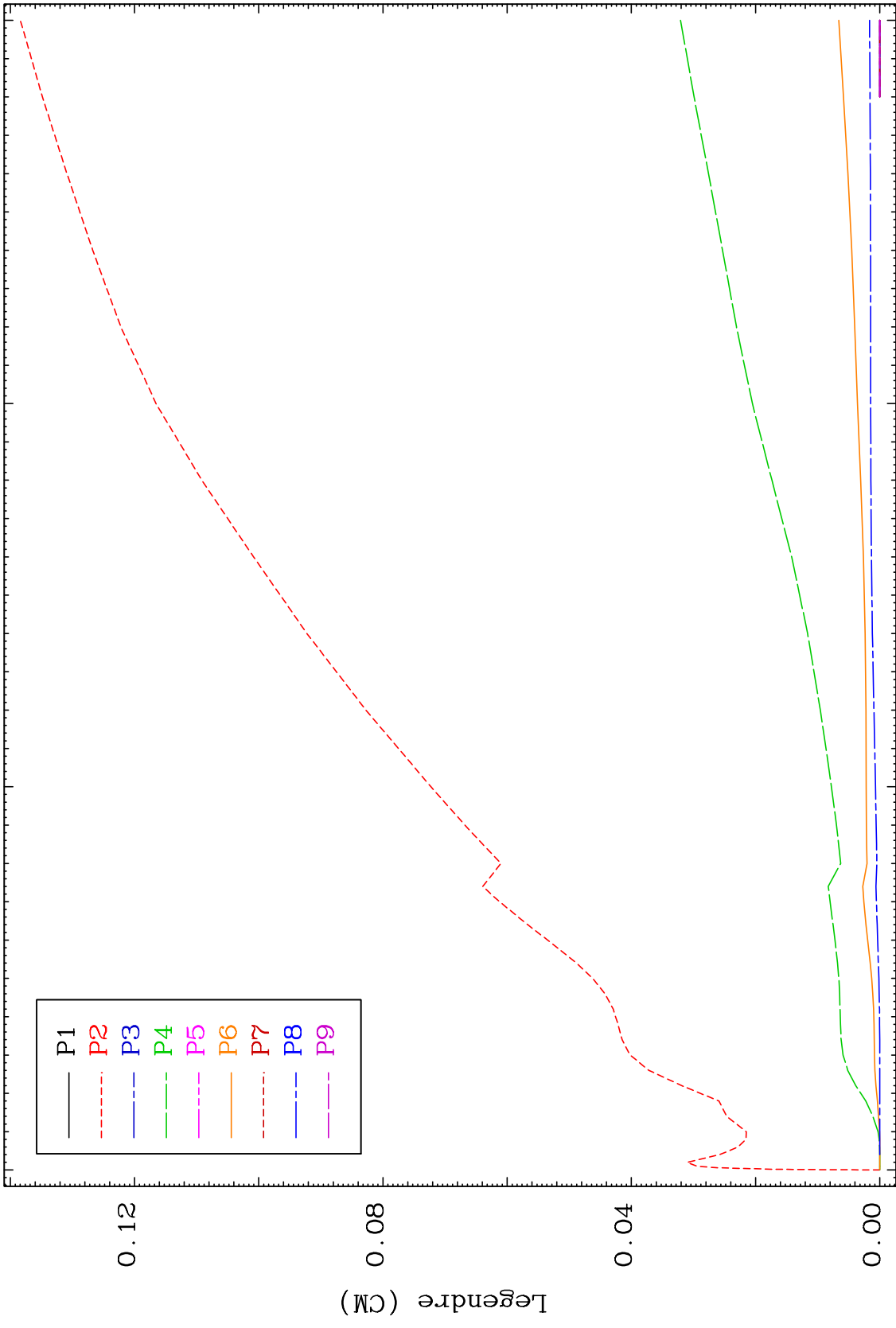
41-Nb-92



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Elastic Legendre Coefficients

41-Nb-92



15

Incident Energy (MeV)

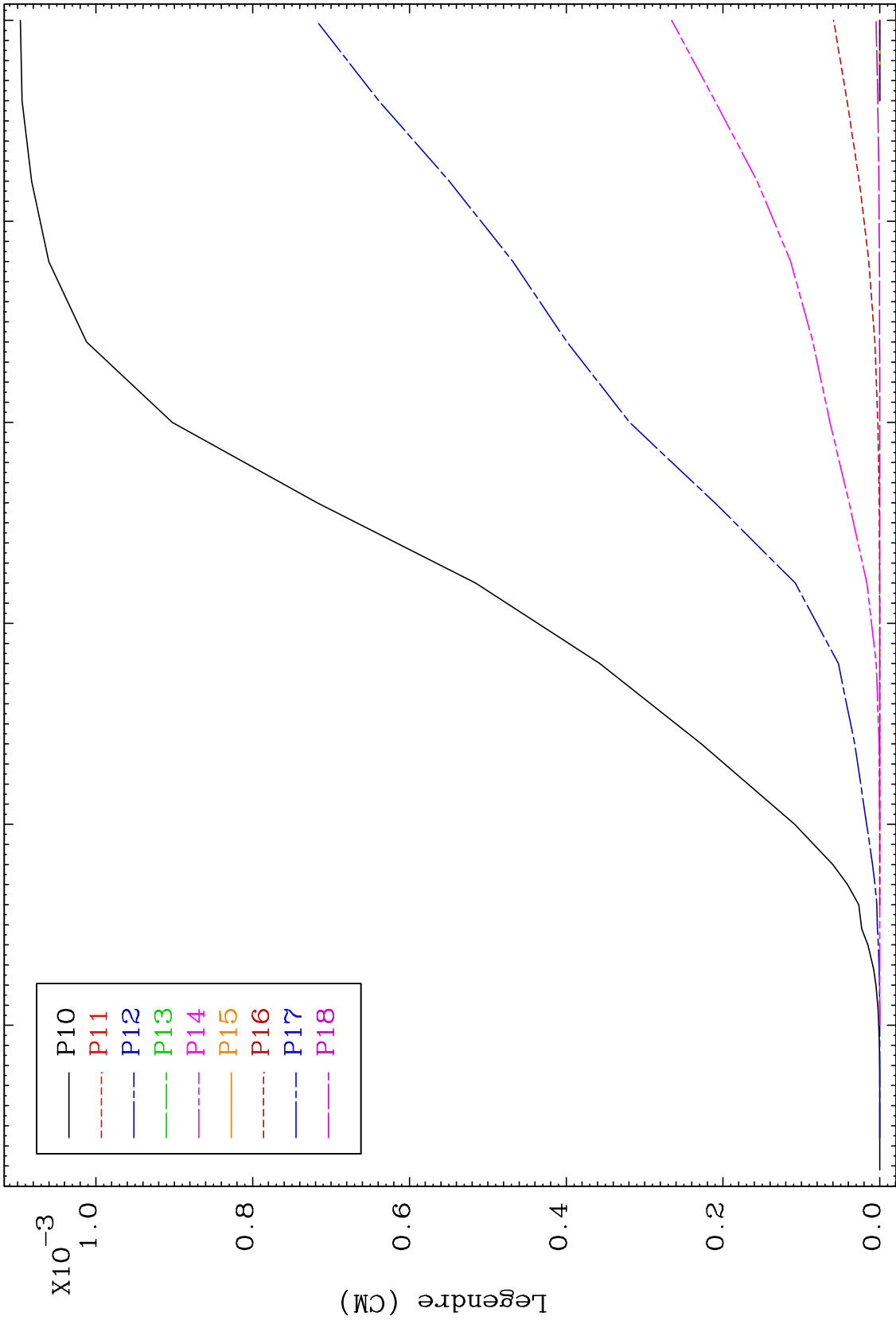
41-Nb-92



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Elastic Legendre Coefficients

41-Nb-92



16

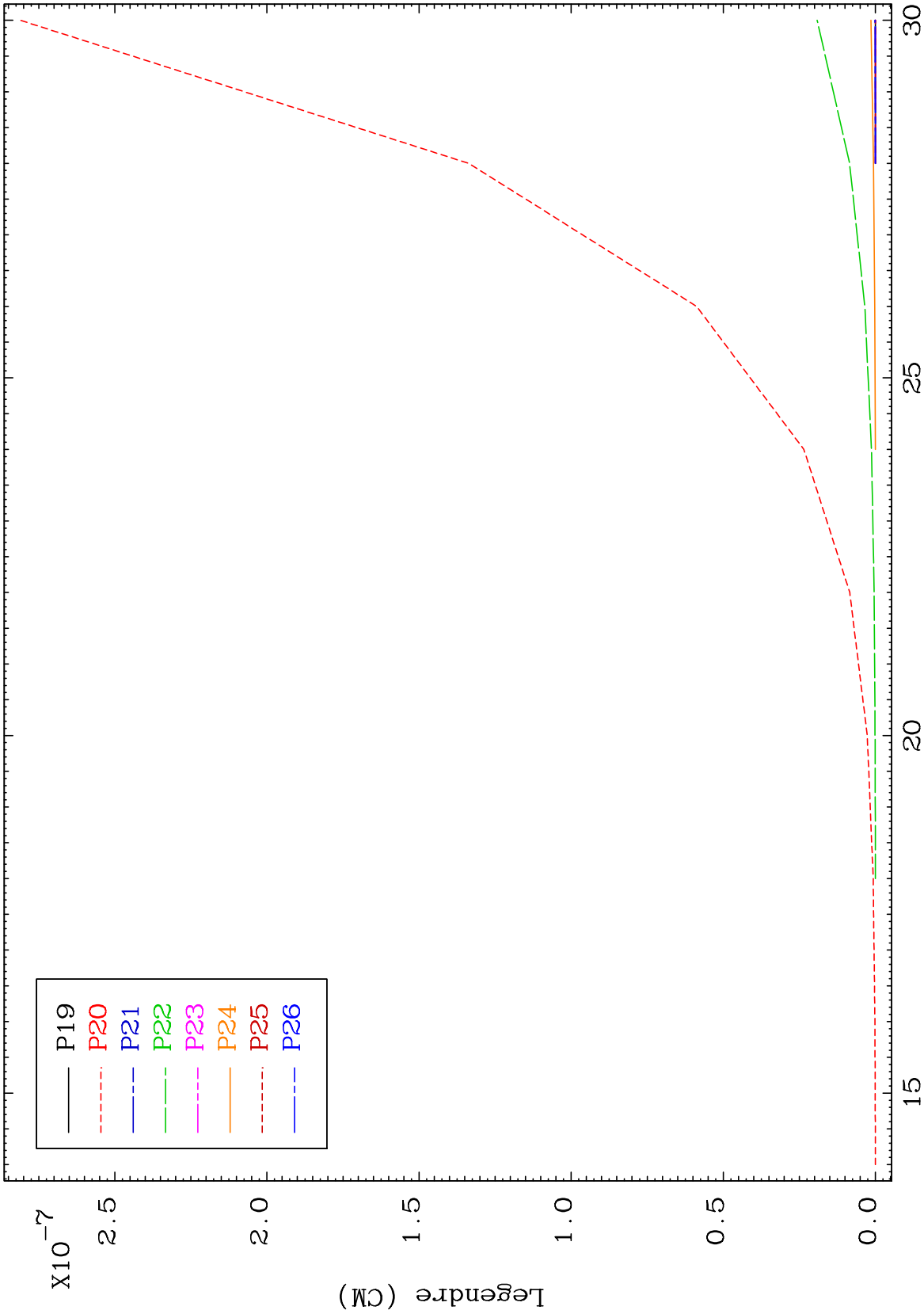
Incident Energy (MeV)

41-Nb-92

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### Elastic Legendre Coefficients

41-Nb-92



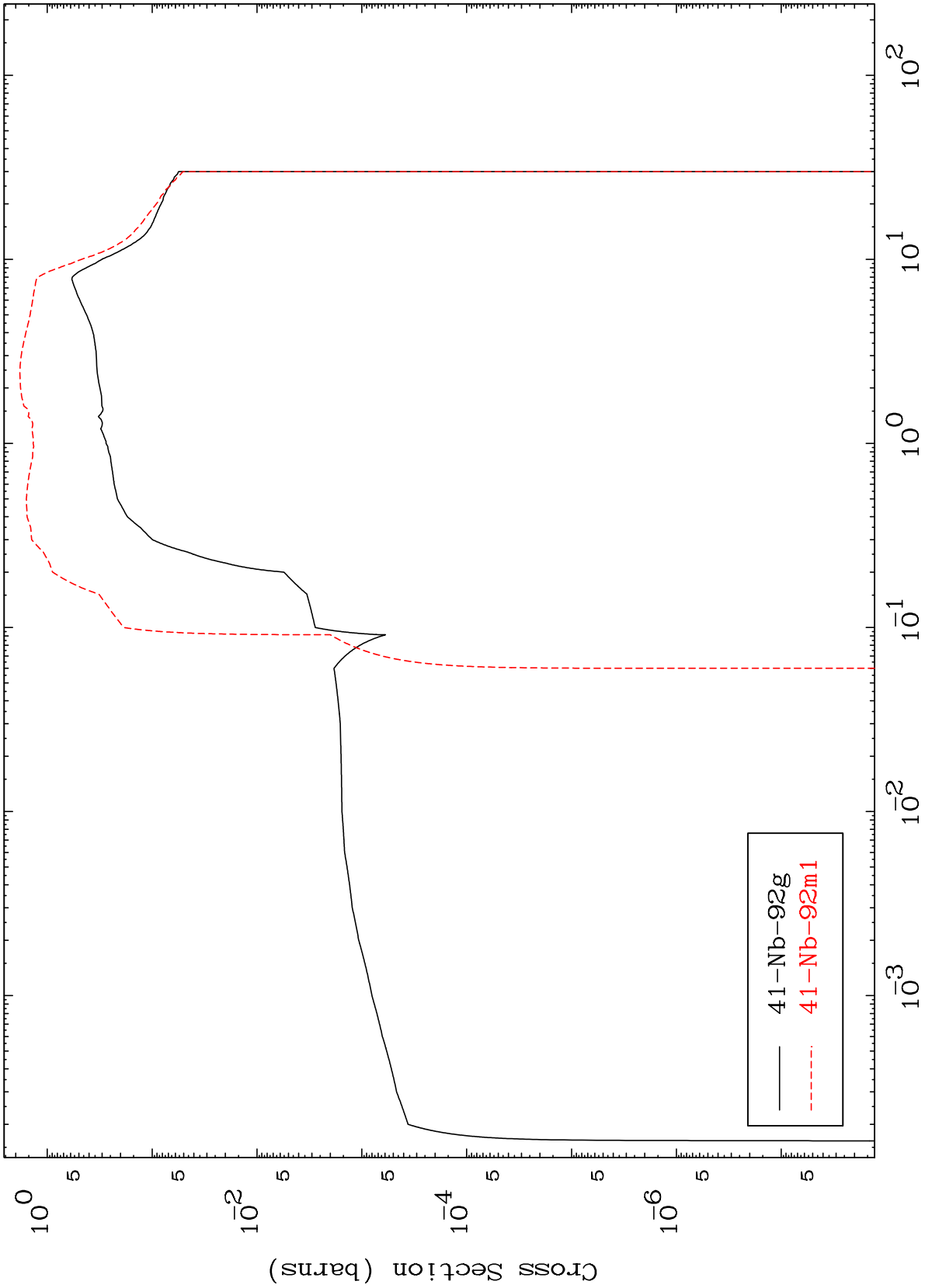
17

41-Nb-92

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41-Nb-92

Inelastic  
Radionuclide Production Cross Section

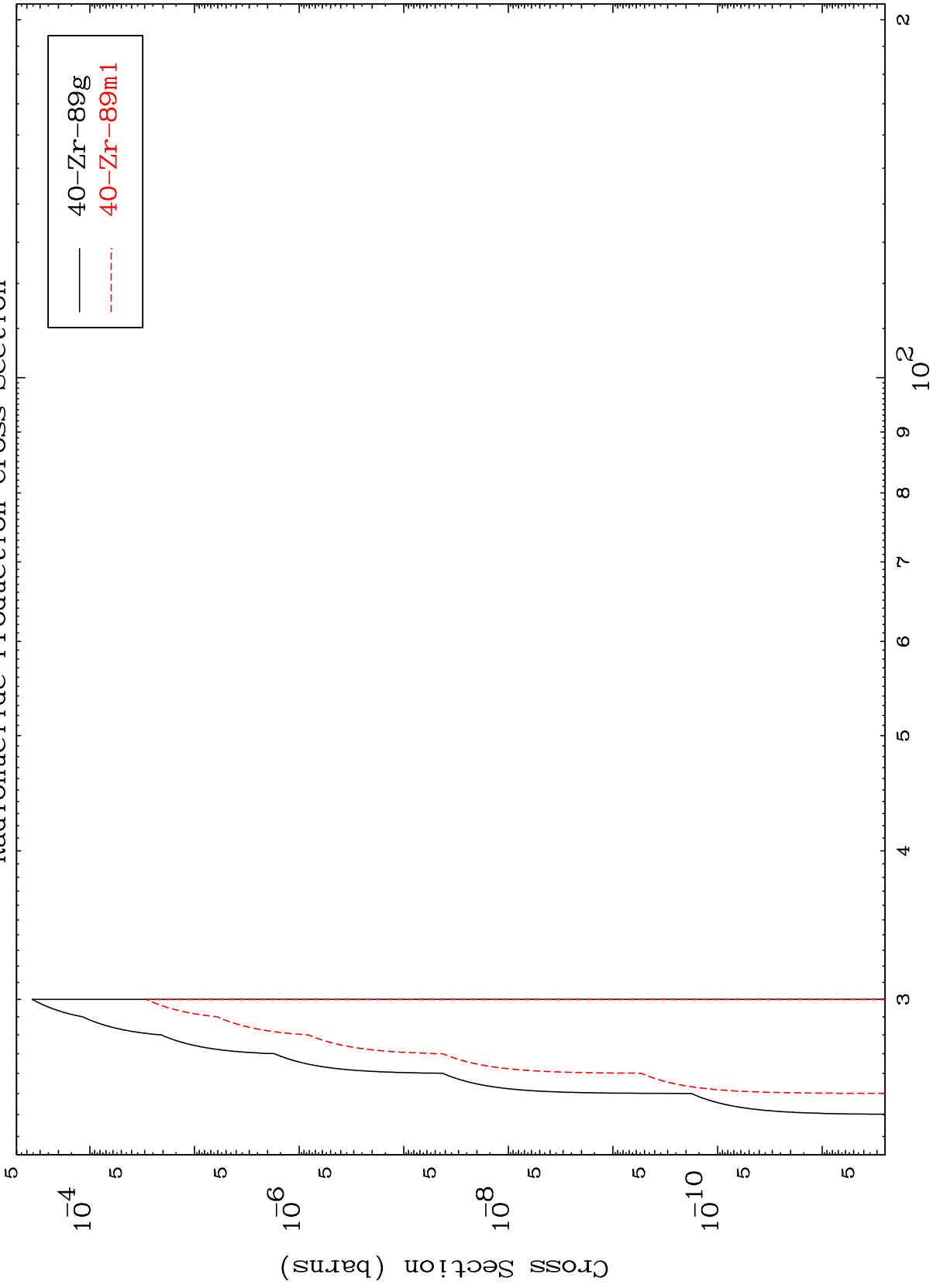


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(n,2n) d

41-Nb-92

Radionuclide Production Cross Section



19

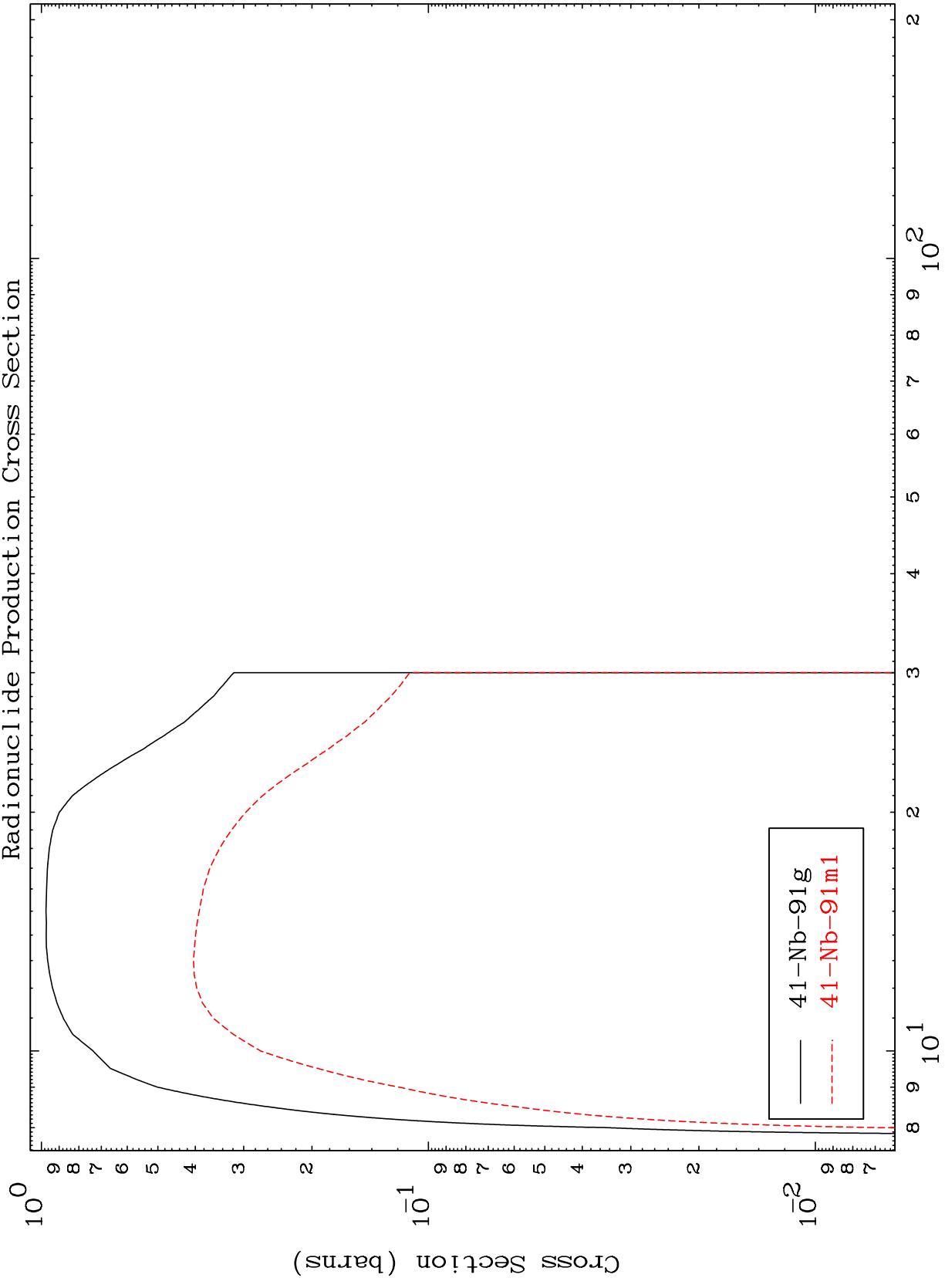
Incident Energy (MeV)

41-Nb-92

MAT 4123

41-Nb-92

Radionuclide Production Cross Section  
(n,2n)



— 41-Nb-91g  
- - - 41-Nb-91m1

20

Incident Energy (MeV)

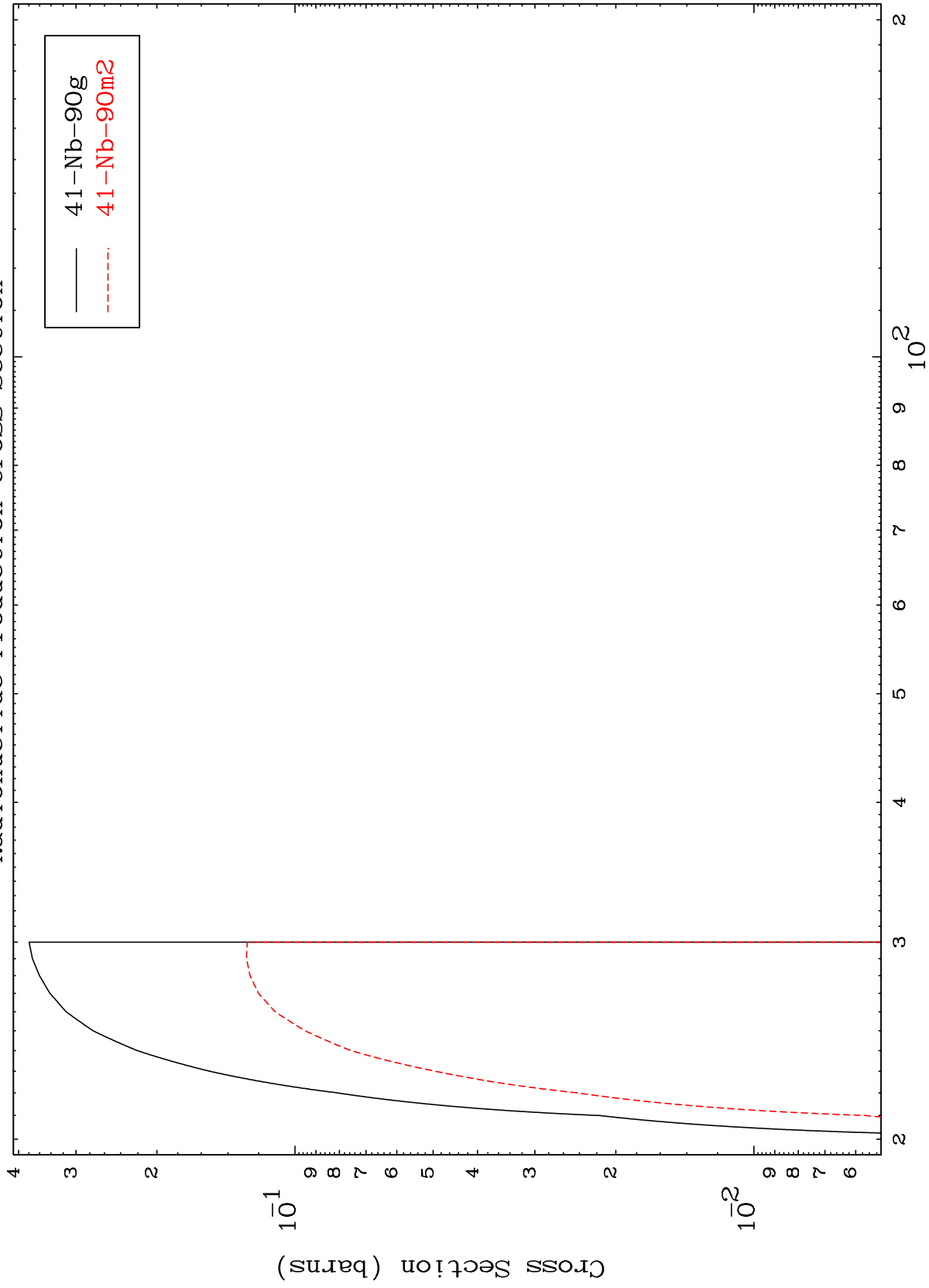
41-Nb-92

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(n,3n)

41-Nb-92

Radionuclide Production Cross Section



21

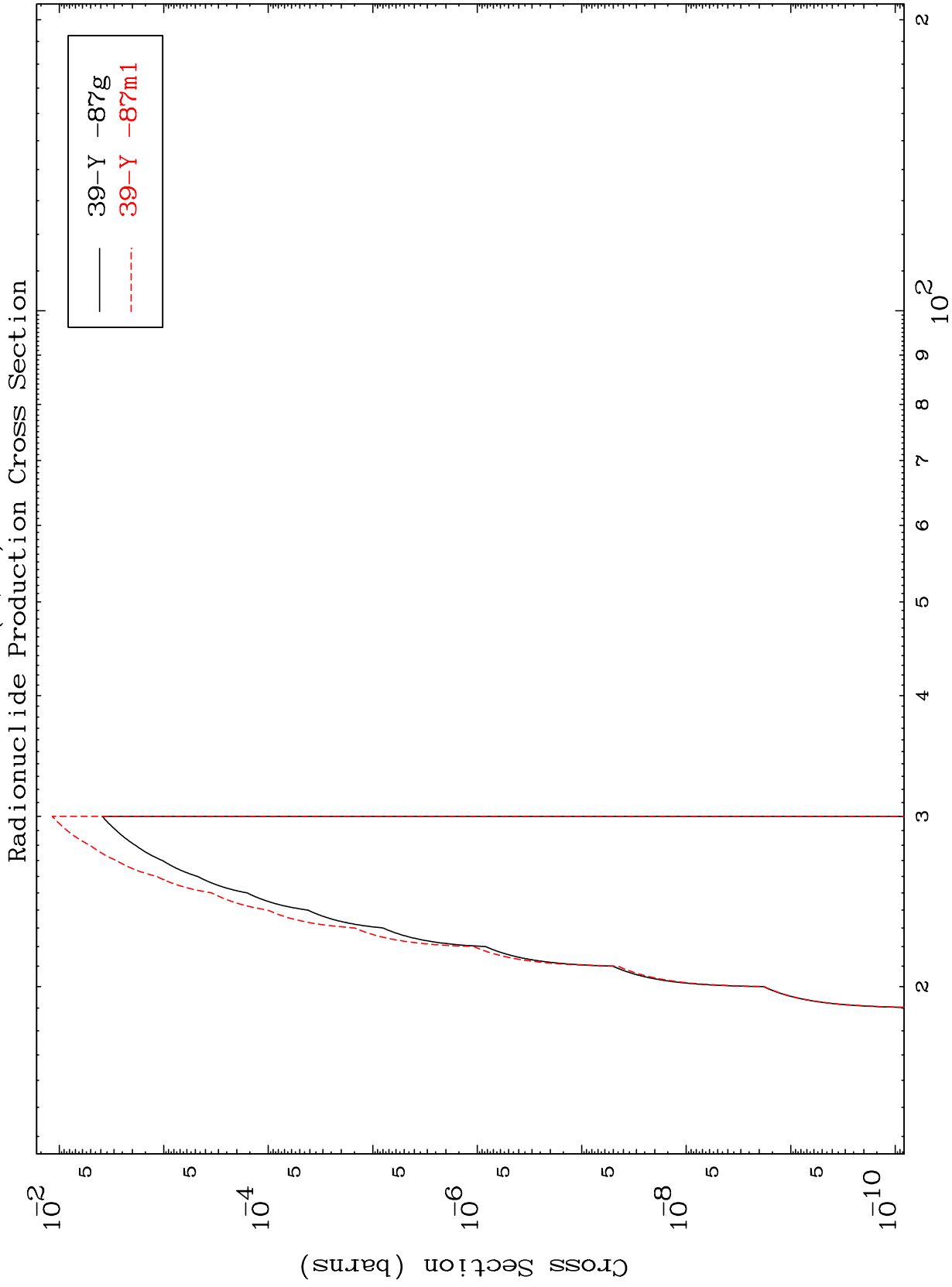
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,2n)  $\alpha$

41-Nb-92



22

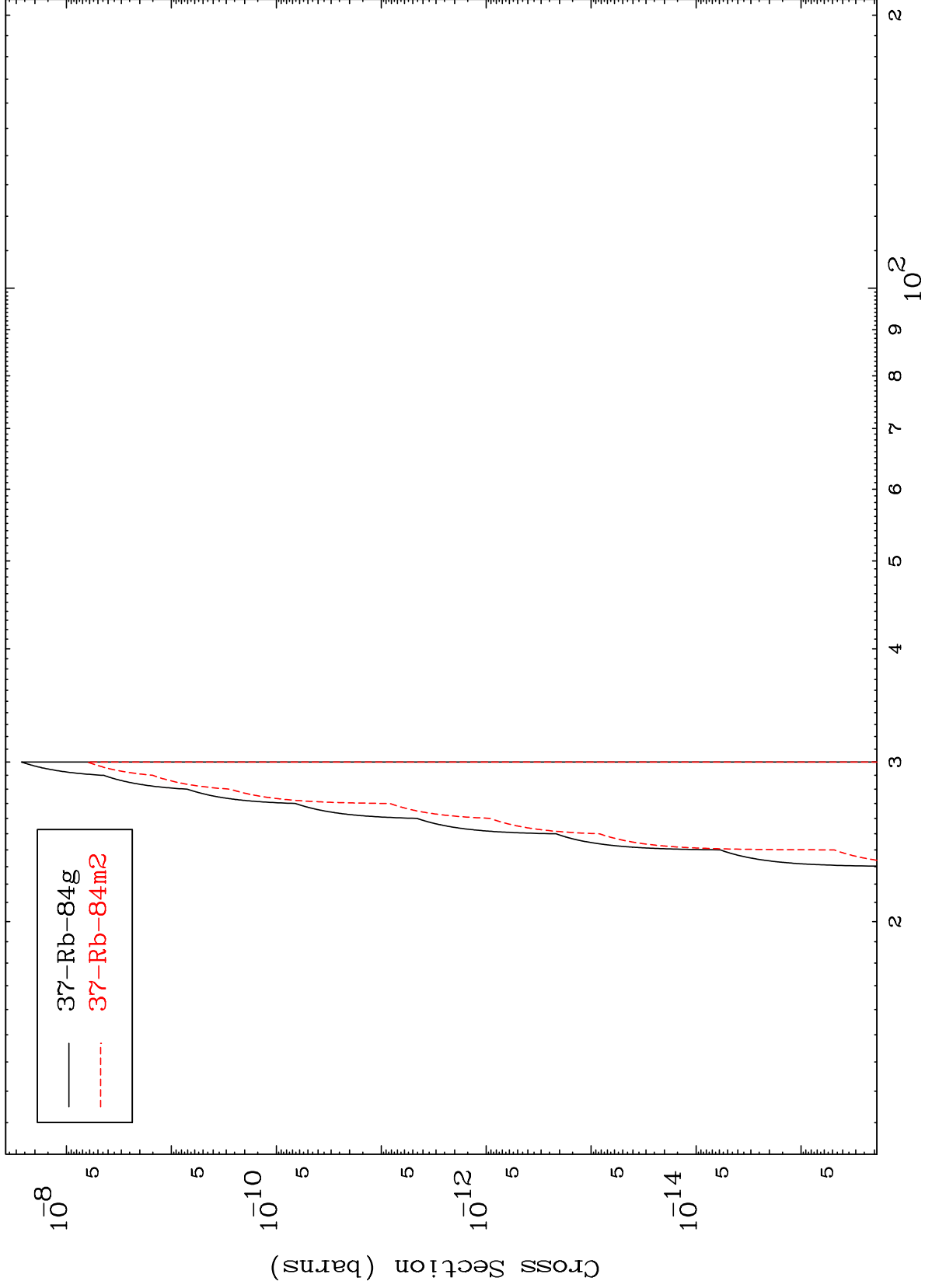
41-Nb-92

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(n,n') 2 $\alpha$

41-Nb-92

Radionuclide Production Cross Section



23

Incident Energy (MeV)

41-Nb-92

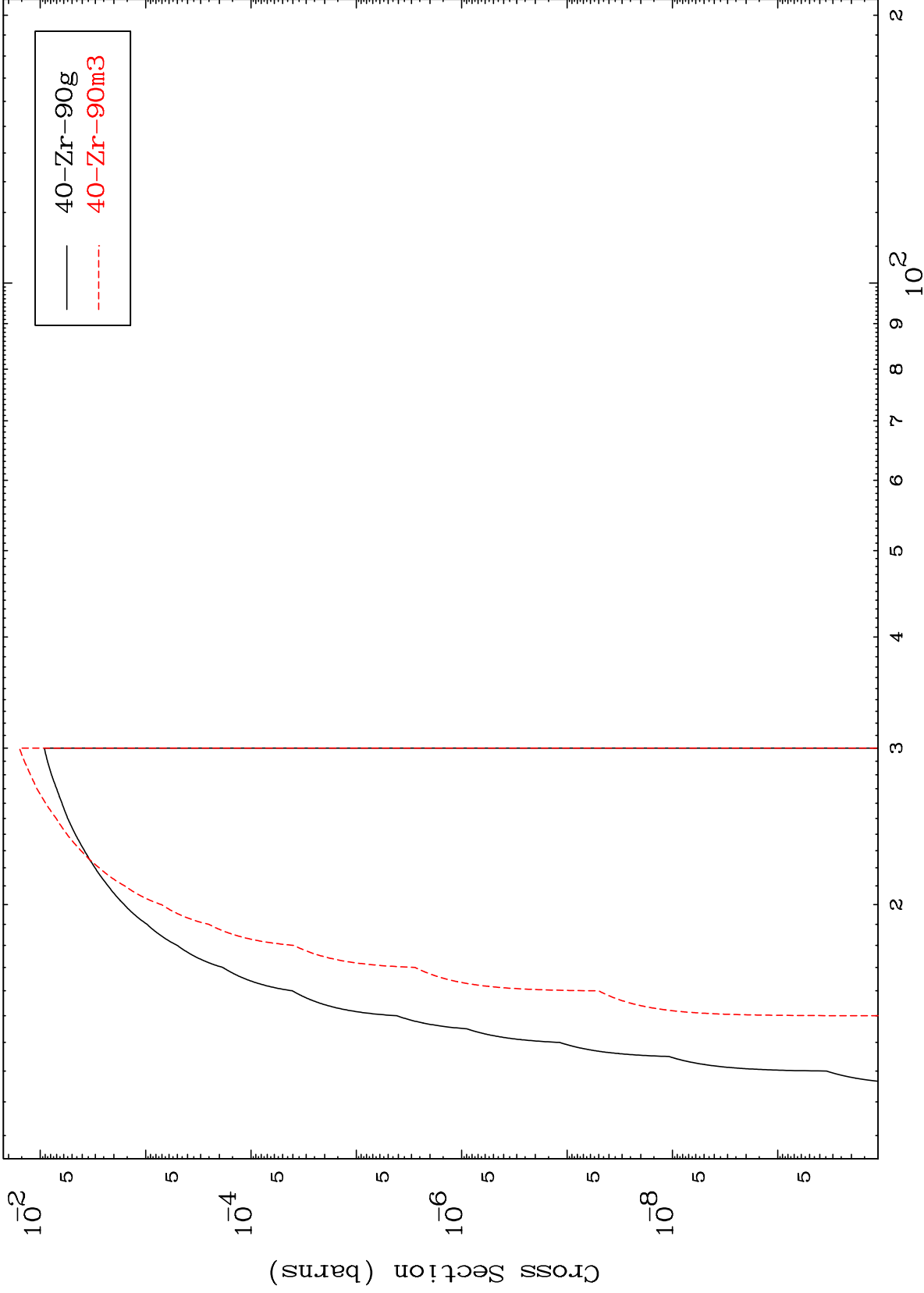


MAT 4123

(n,n') d

41-Nb-92

Radionuclide Production Cross Section



24

Incident Energy (MeV)

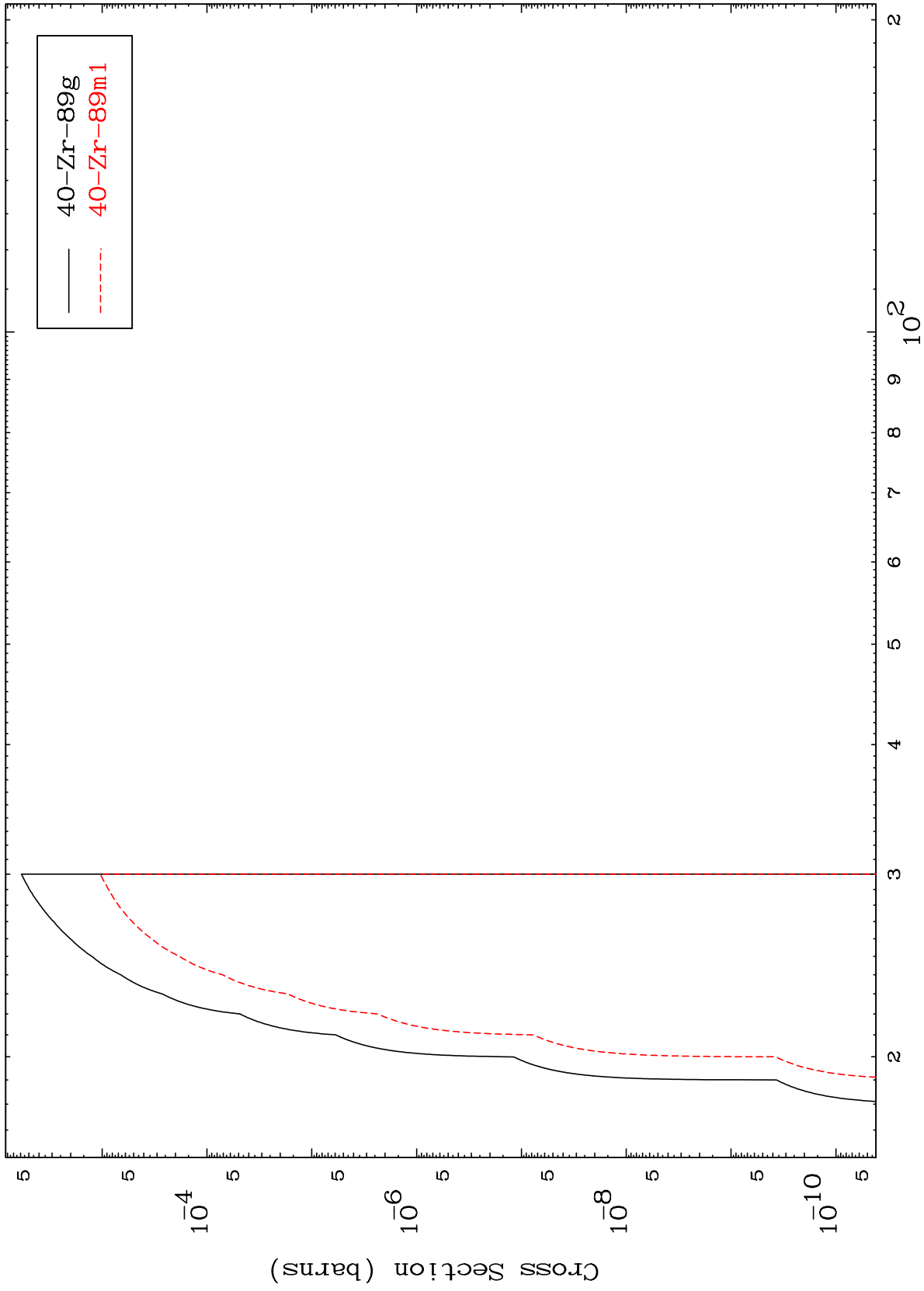
41-Nb-92

MAT 4123

(n,n') t

41-Nb-92

Radionuclide Production Cross Section

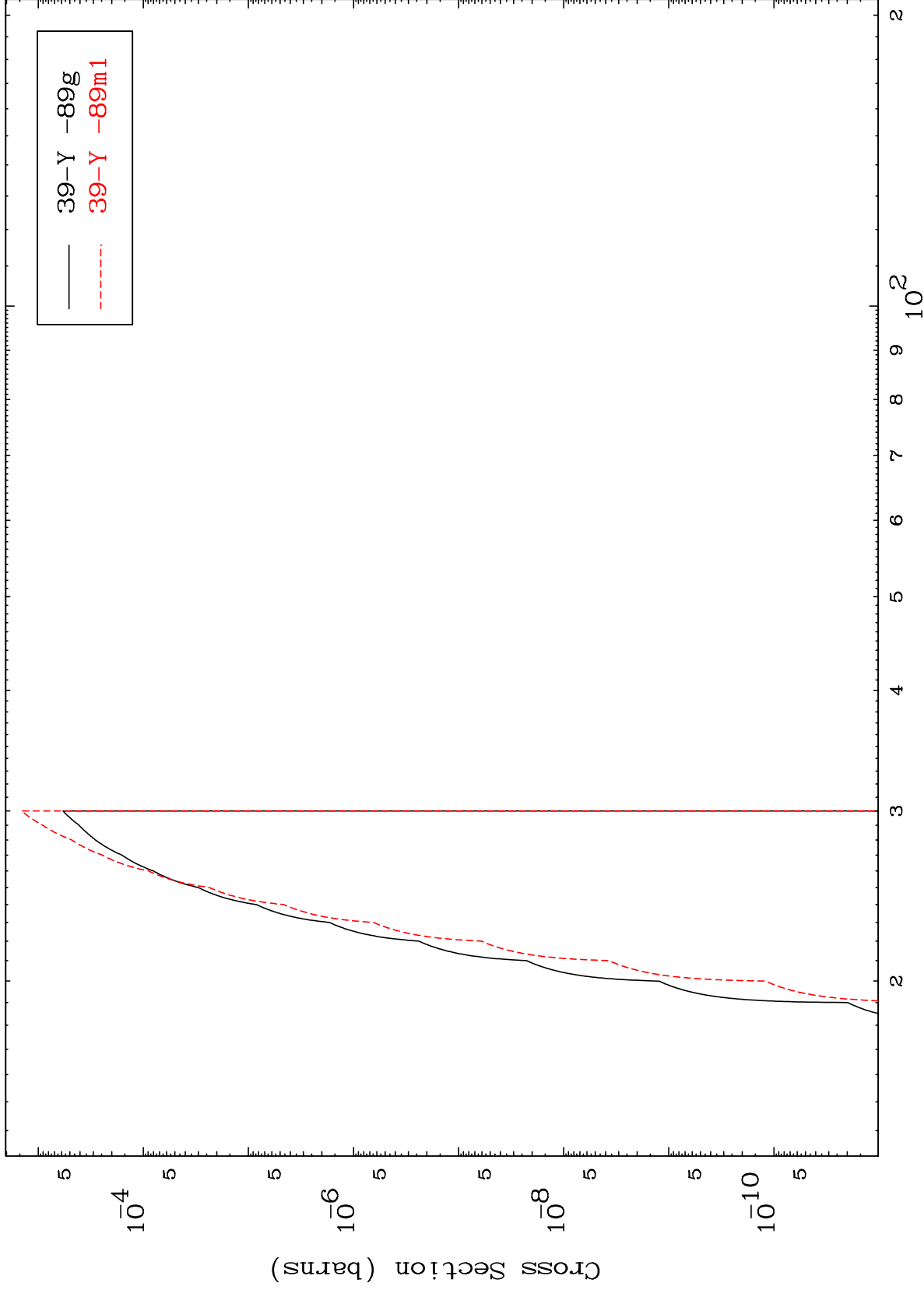


25

Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section

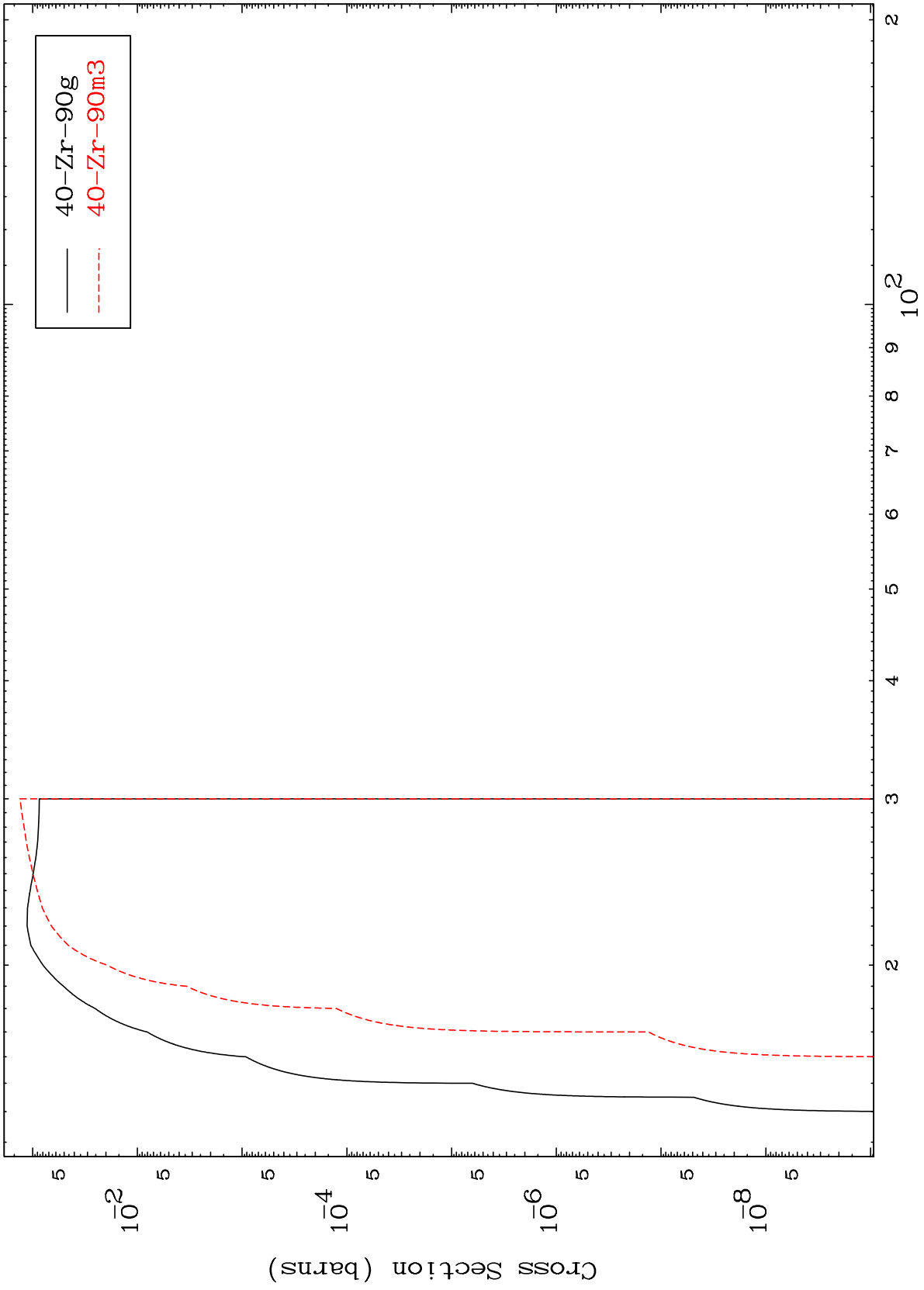


MAT 4123

(n,2n) p

41-Nb-92

Radionuclide Production Cross Section



27

Incident Energy (MeV)

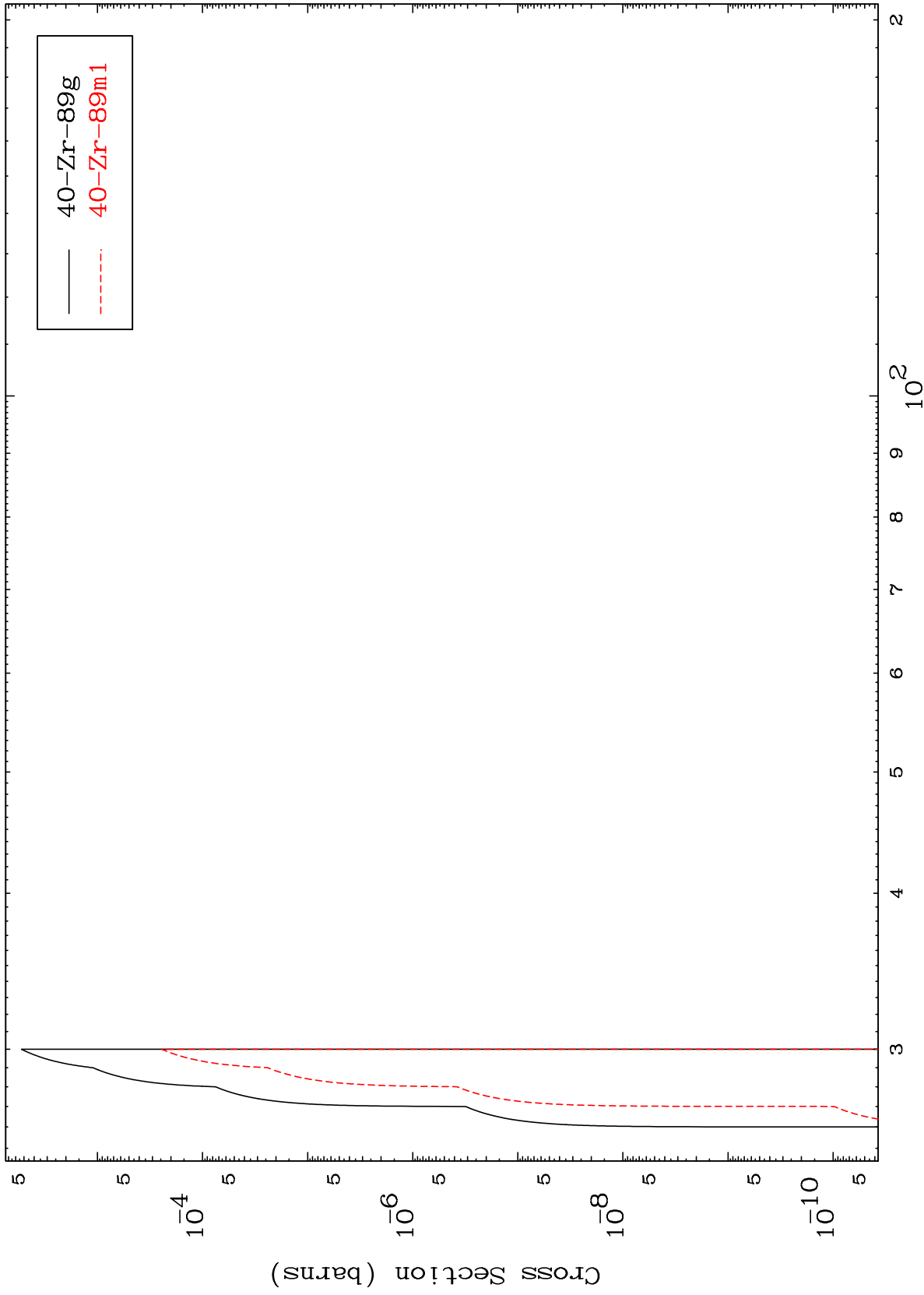
41-Nb-92

MAT 4123

(n,3n) p

41-Nb-92

Radionuclide Production Cross Section



28

Incident Energy (MeV)

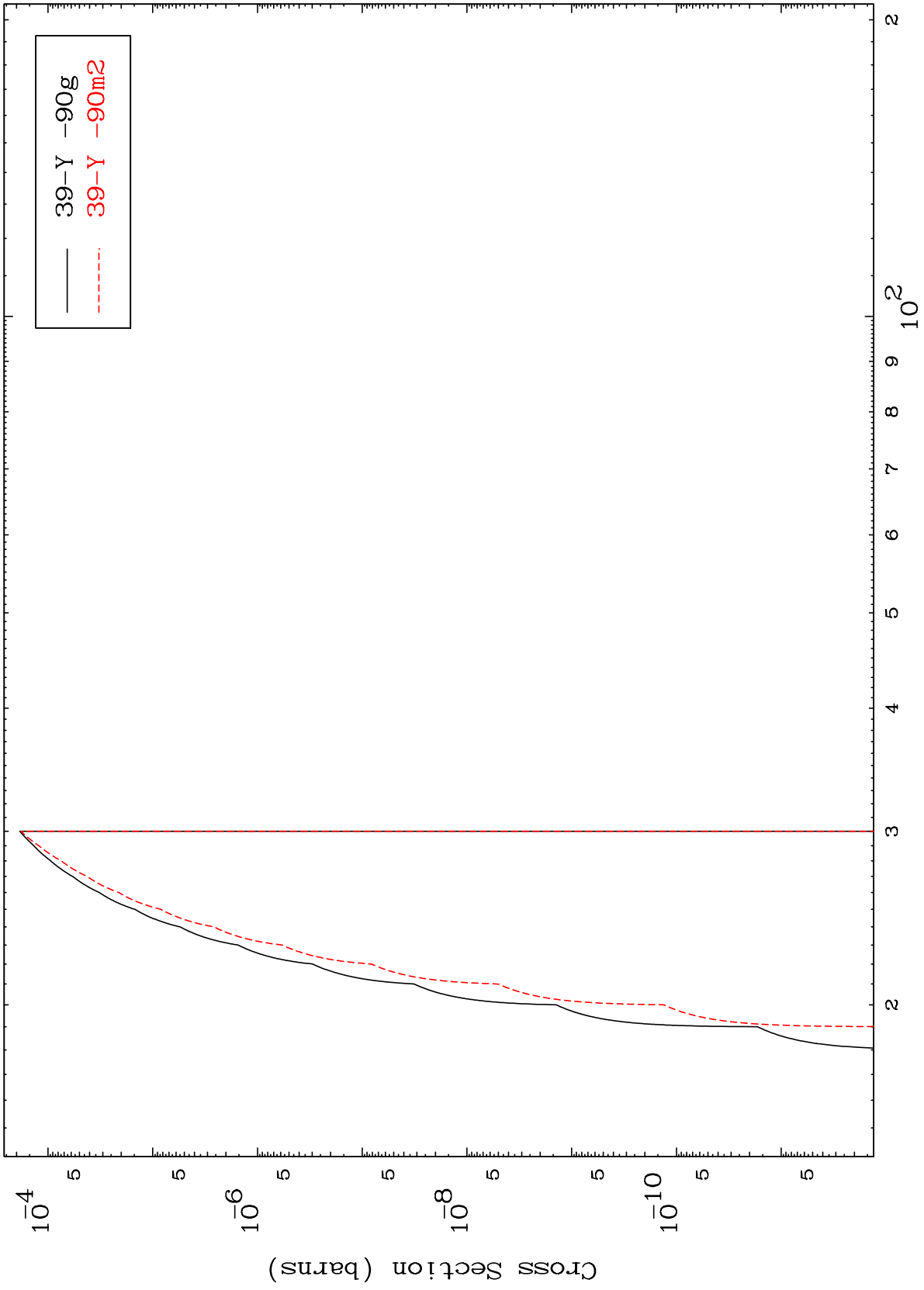
41-Nb-92

MAT 4123

(n,2n) p

41-Nb-92

Radionuclide Production Cross Section



29

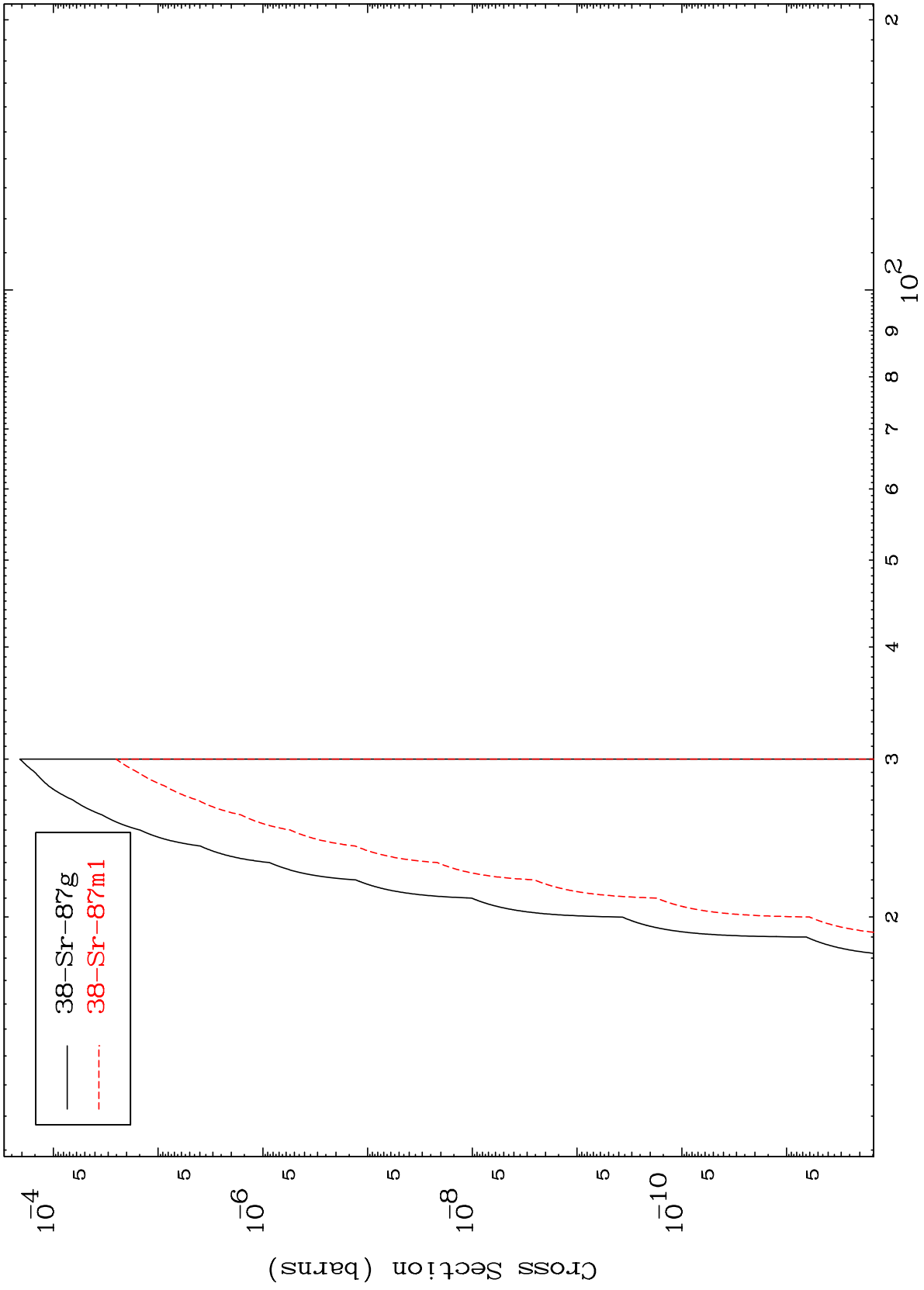
Incident Energy (MeV)

41-Nb-92

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

41-Nb-92



30

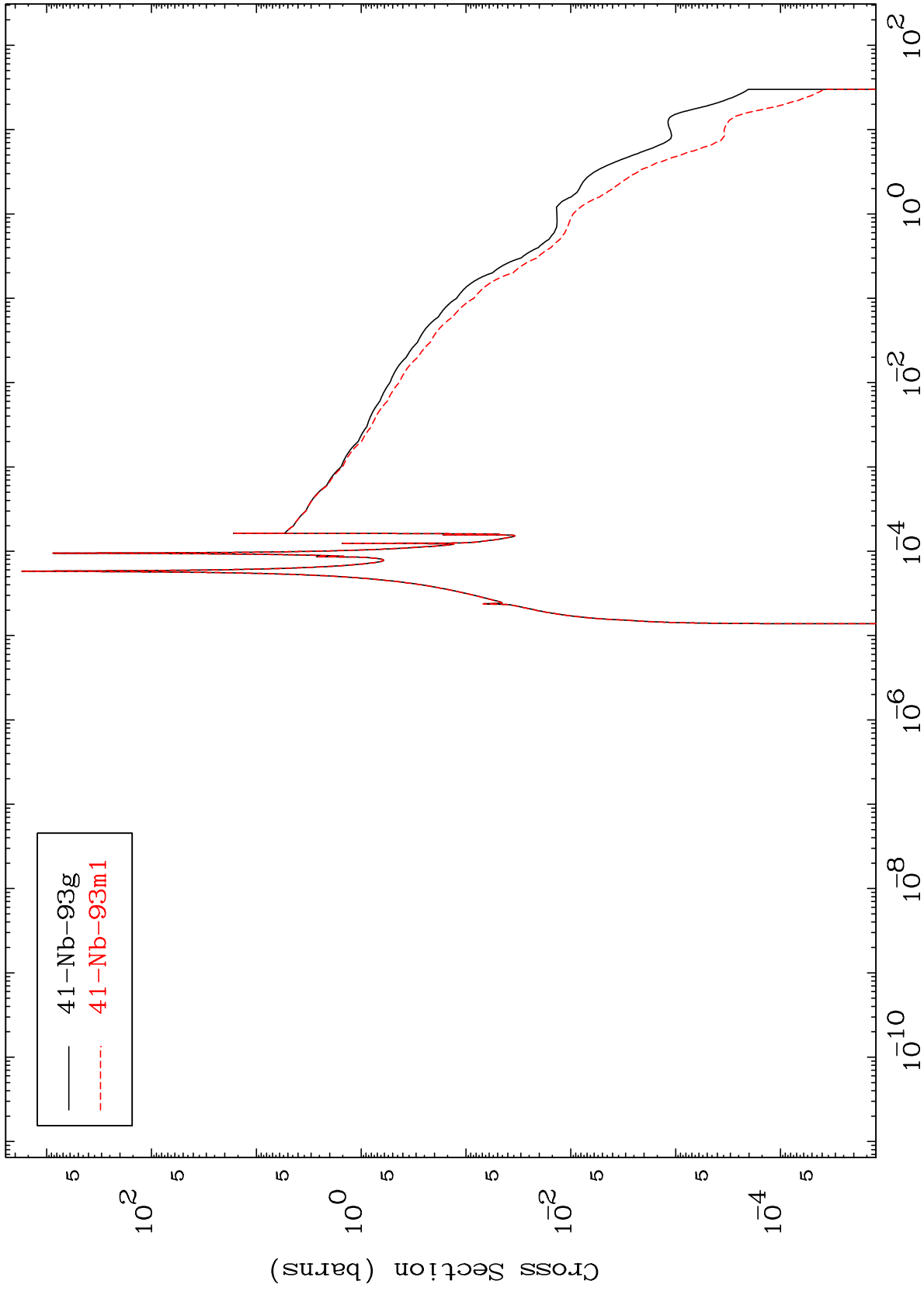
Incident Energy (MeV)

41-Nb-92

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41-Nb-92

Radionuclide Production Cross Section



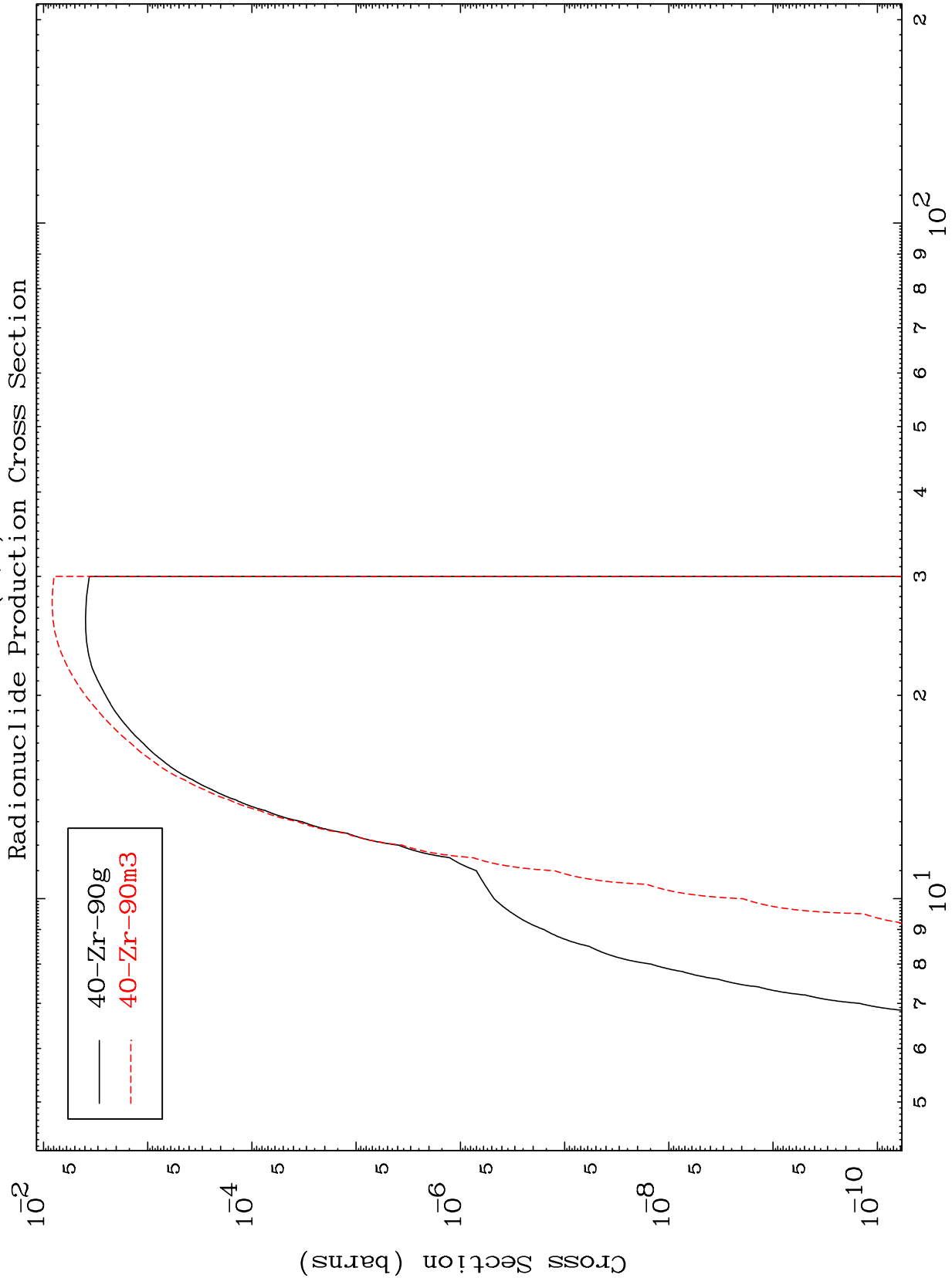
31

41-Nb-92



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41-Nb-92



32

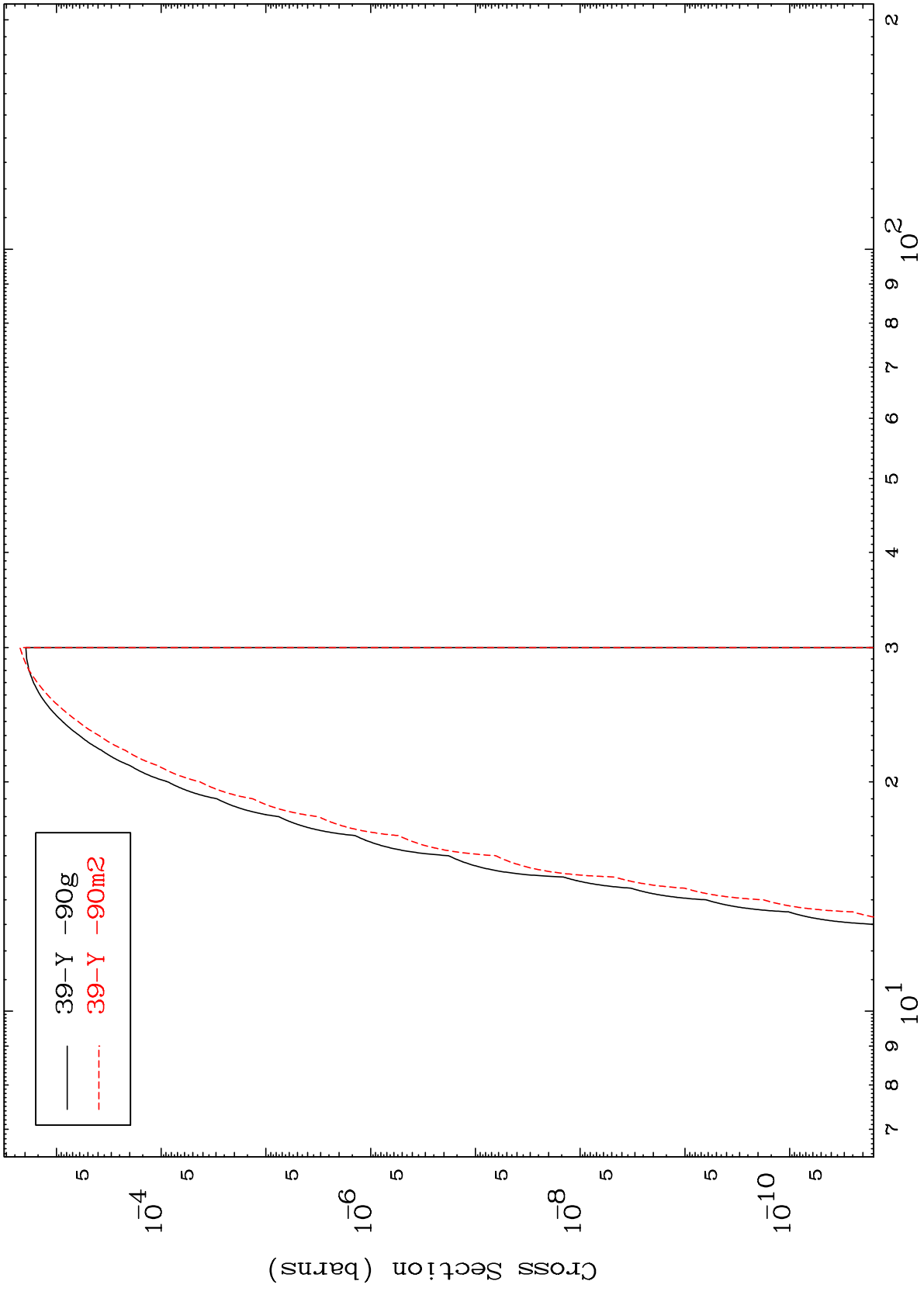
41-Nb-92

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(n, He-3)

41-Nb-92

Radionuclide Production Cross Section



33

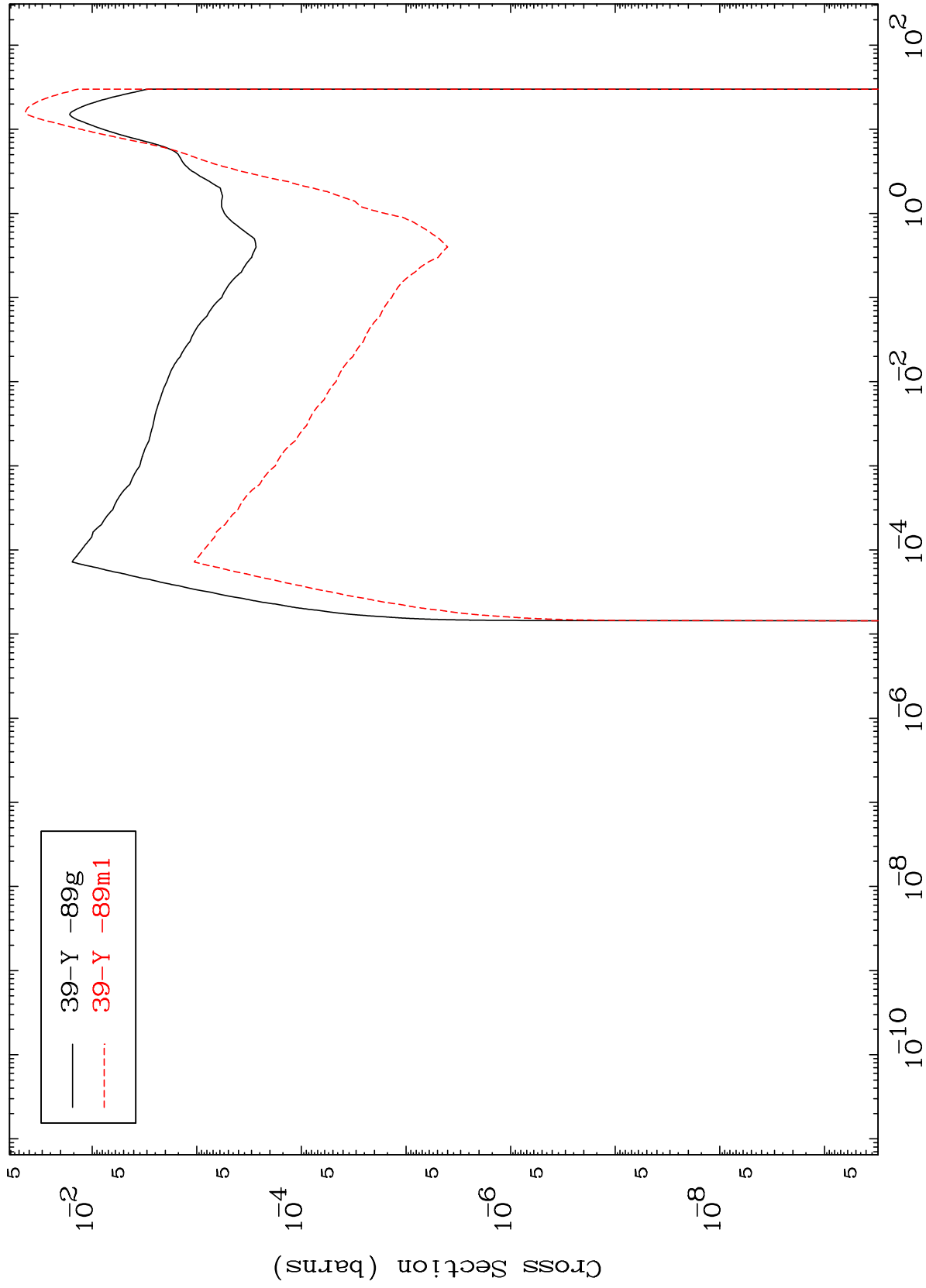
Incident Energy (MeV)

41-Nb-92

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41-Nb-92

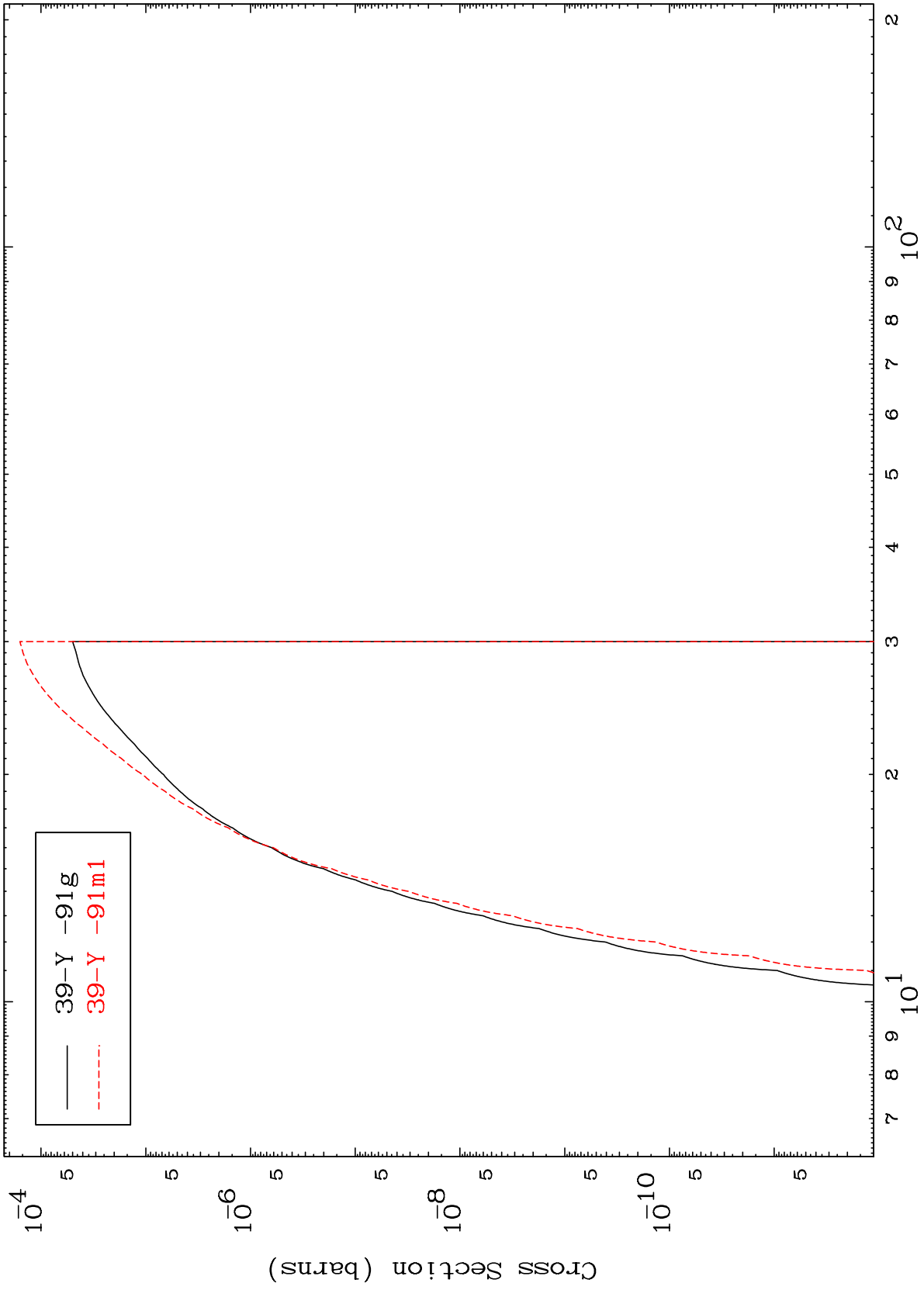
Radionuclide Production Cross Section (n,α)



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41-Nb-92

(n,2p)  
Radionuclide Production Cross Section



35

Incident Energy (MeV)

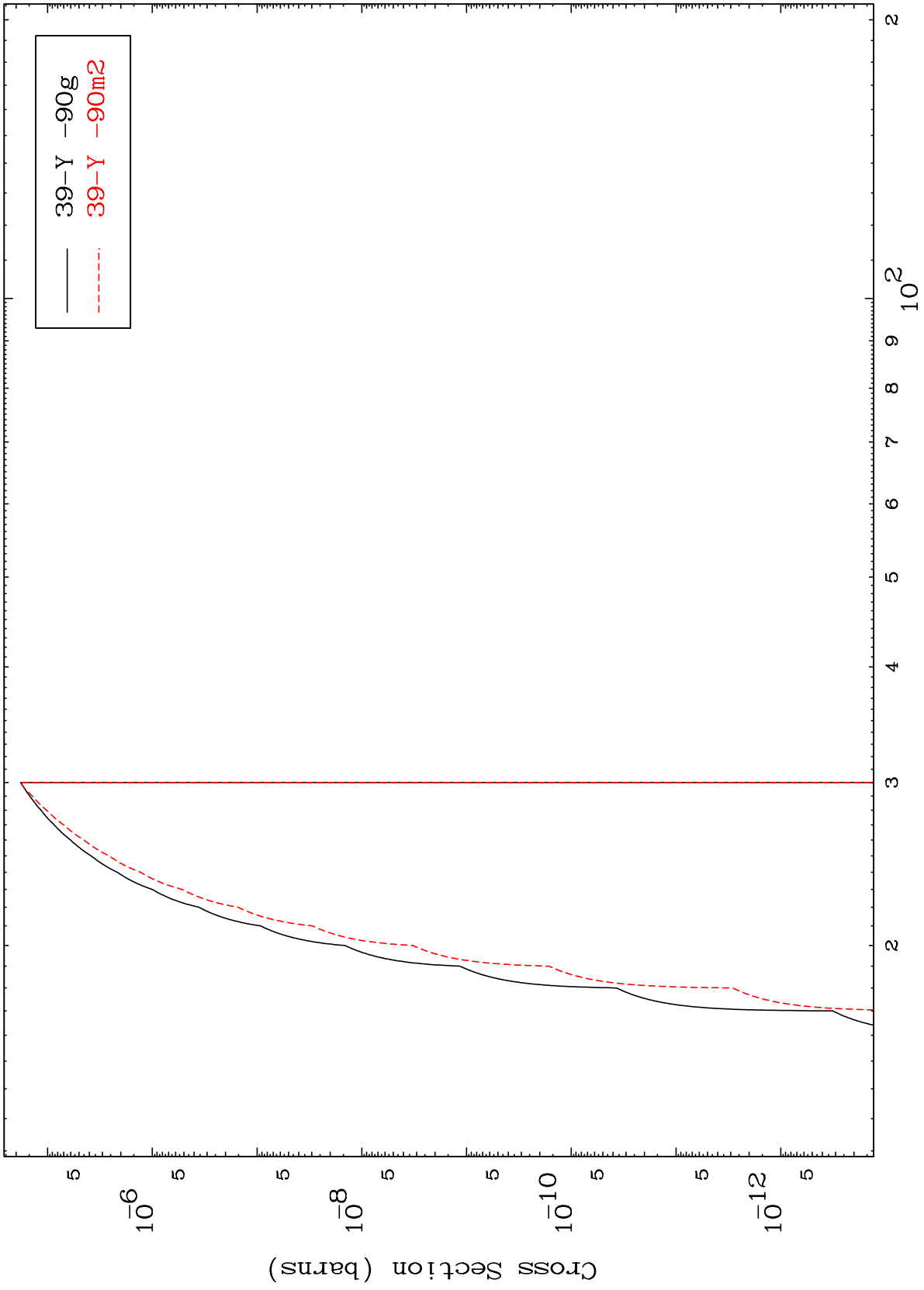
41-Nb-92

MAT 4123

(n,p) d

41-Nb-92

Radionuclide Production Cross Section



36

Incident Energy (MeV)

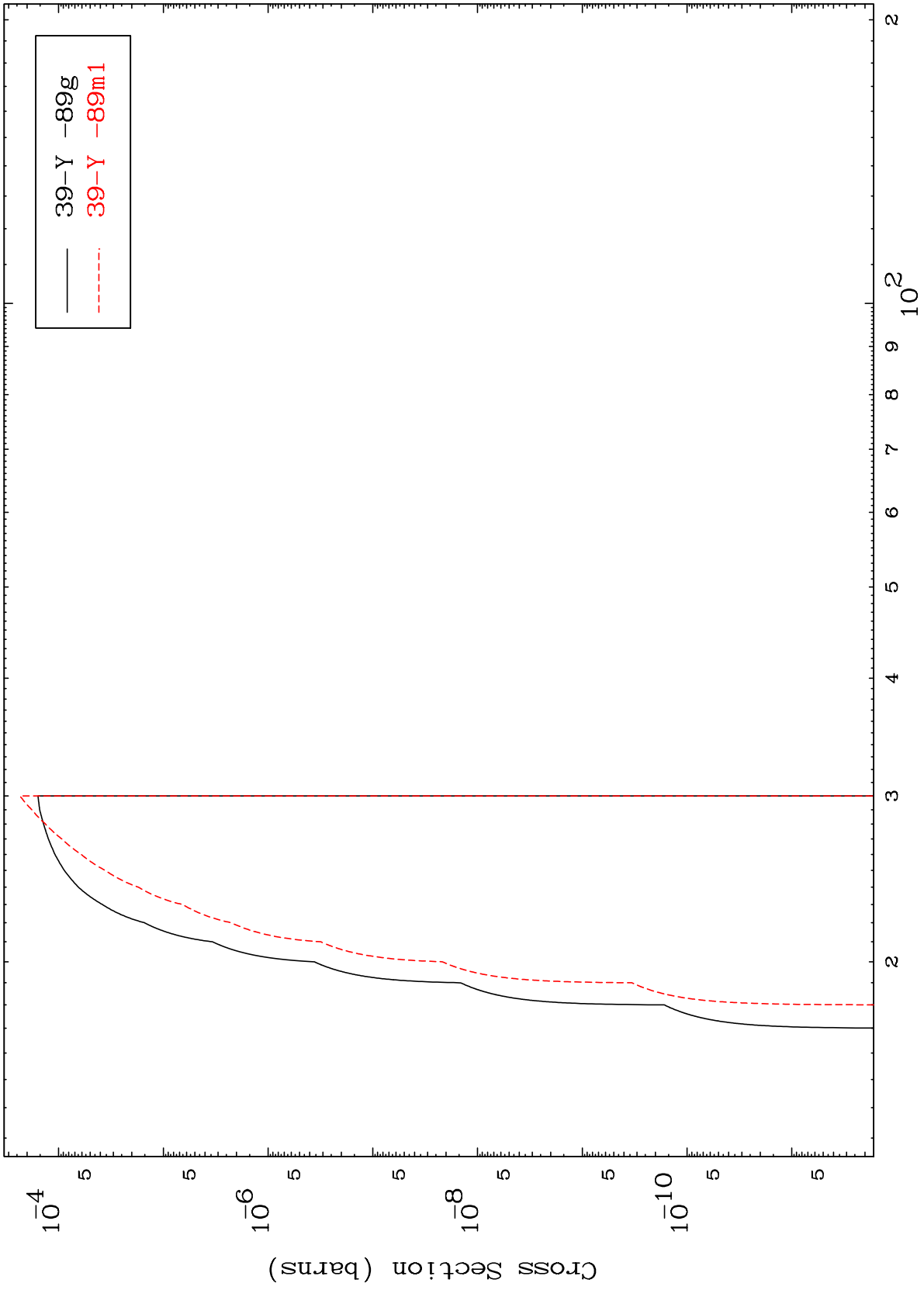
41-Nb-92

MAT 4123

(n,p) t

41-Nb-92

Radionuclide Production Cross Section



37

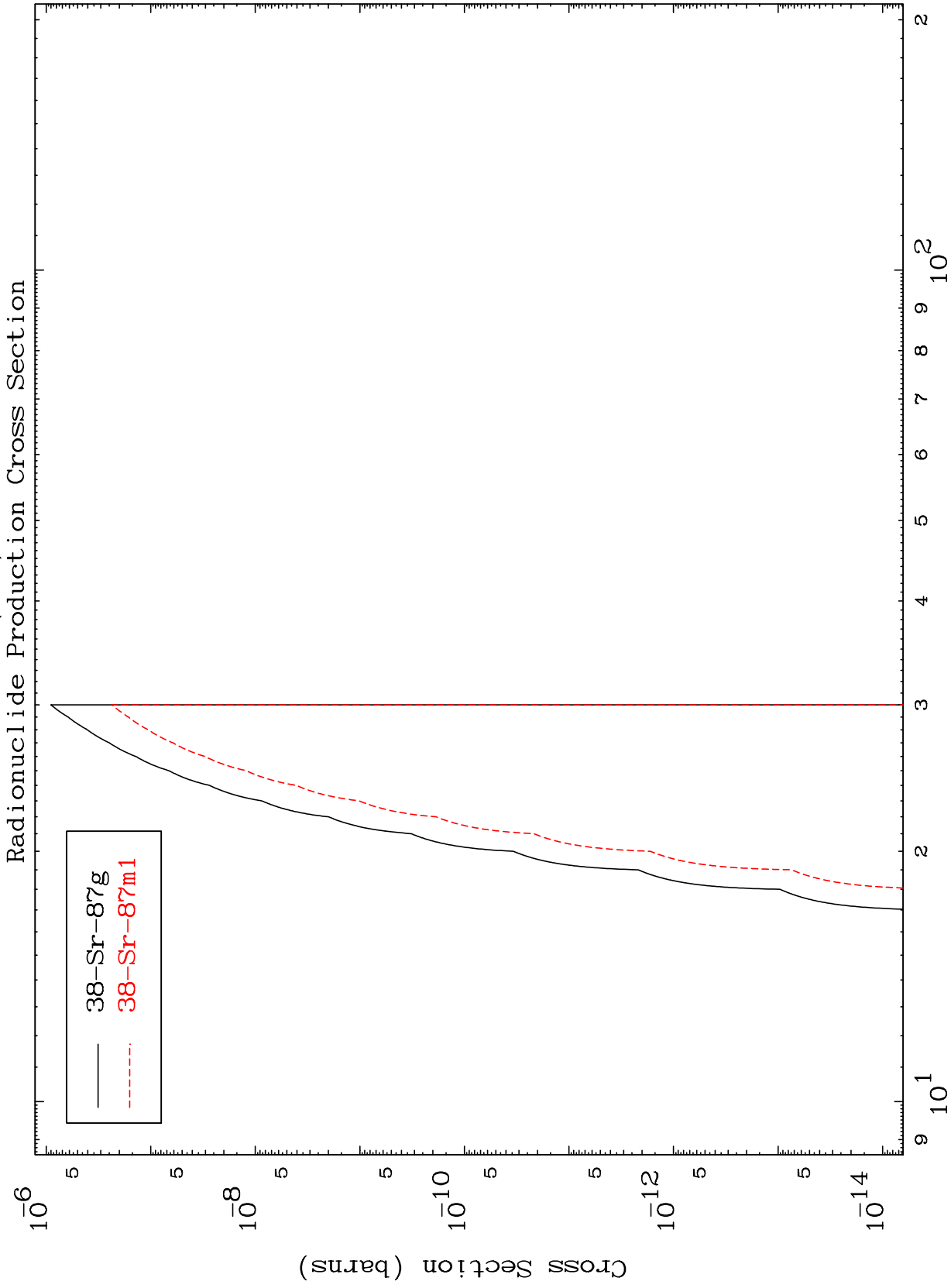
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,d)  $\alpha$

41-Nb-92



38

Incident Energy (MeV)

41-Nb-92