

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

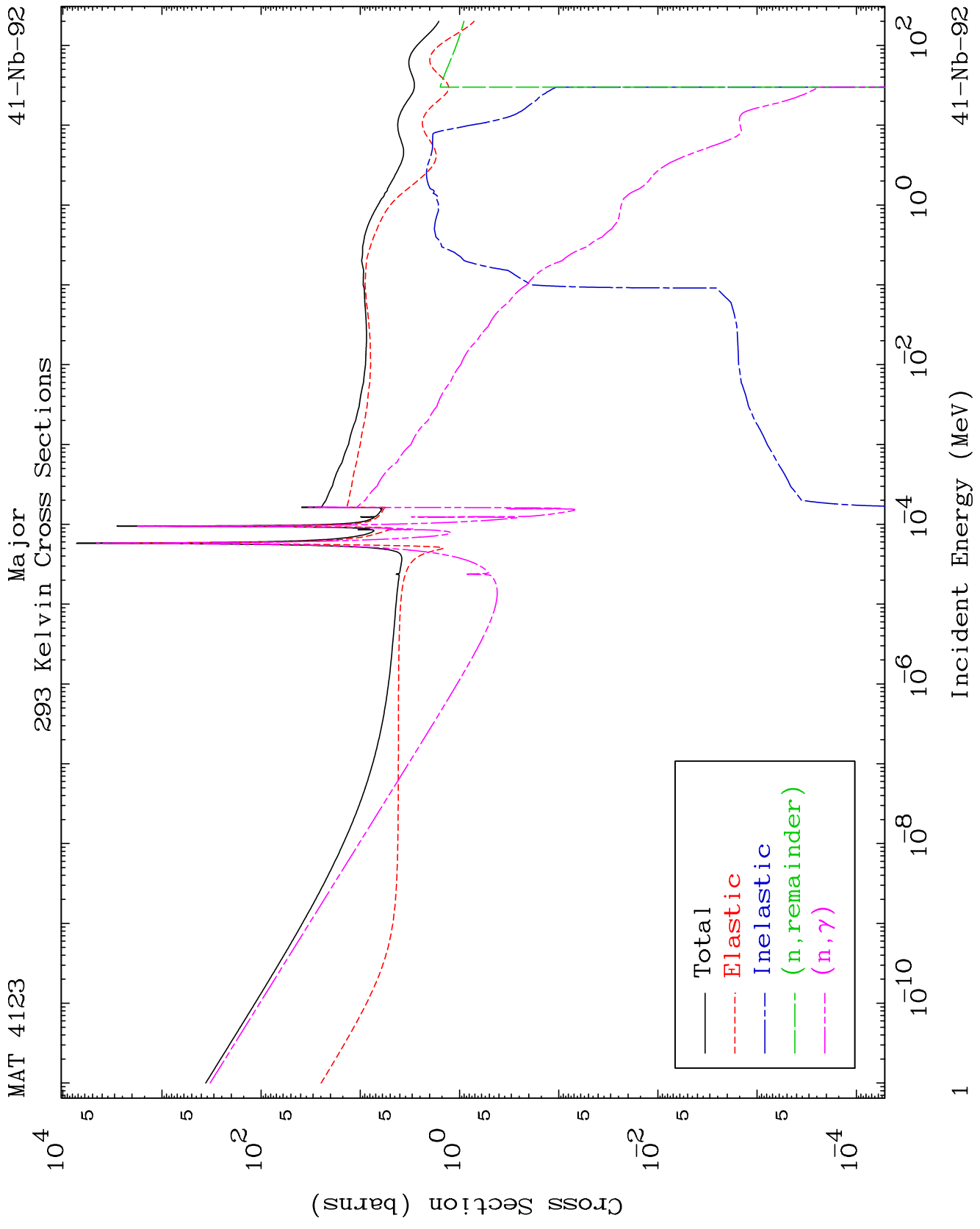
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

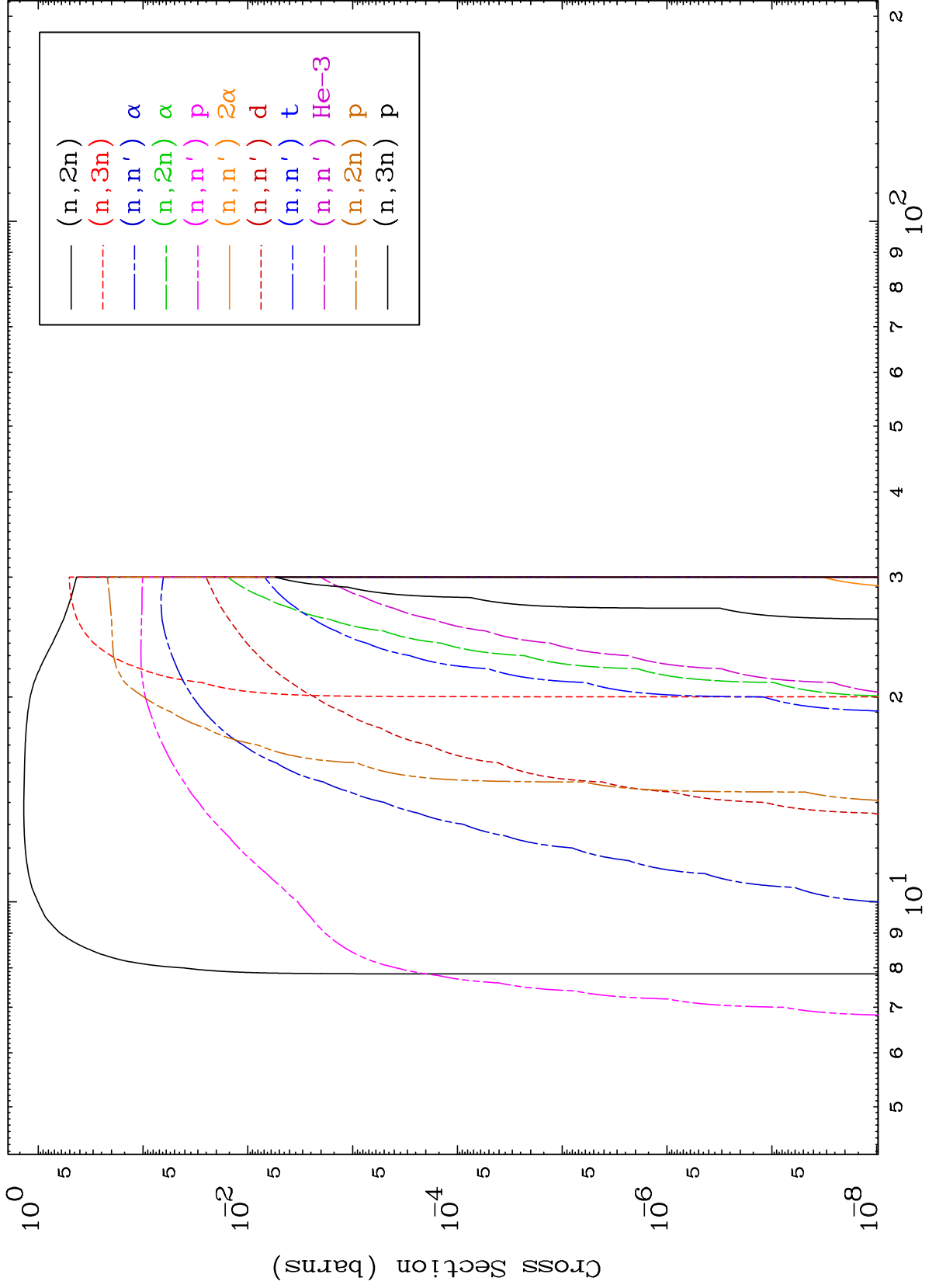
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

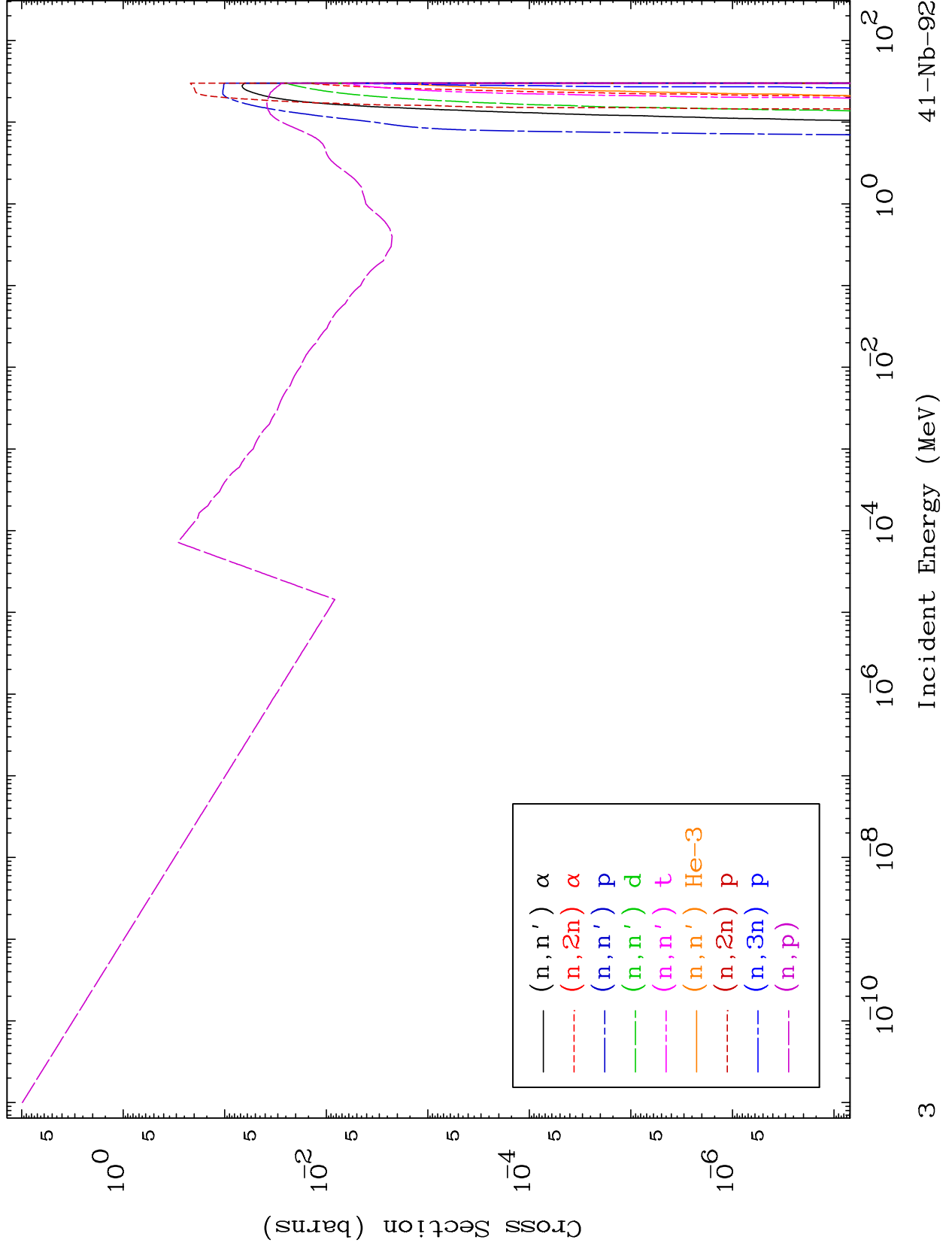




MAT 4123

Charged Particle  
293 Kelvin Cross Sections

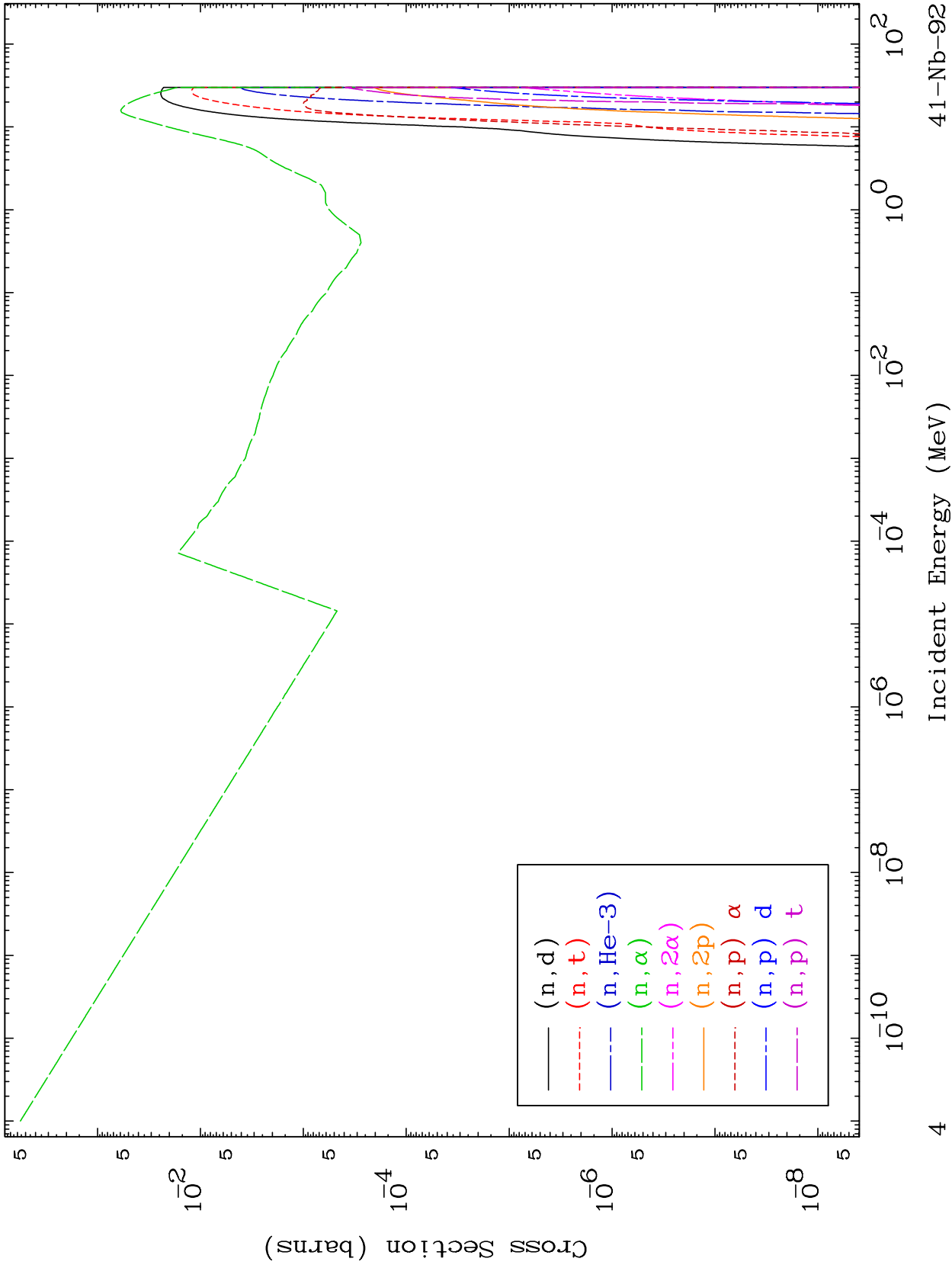
41-Nb-92



MAT 4123

Charged Particle  
293 Kelvin Cross Sections

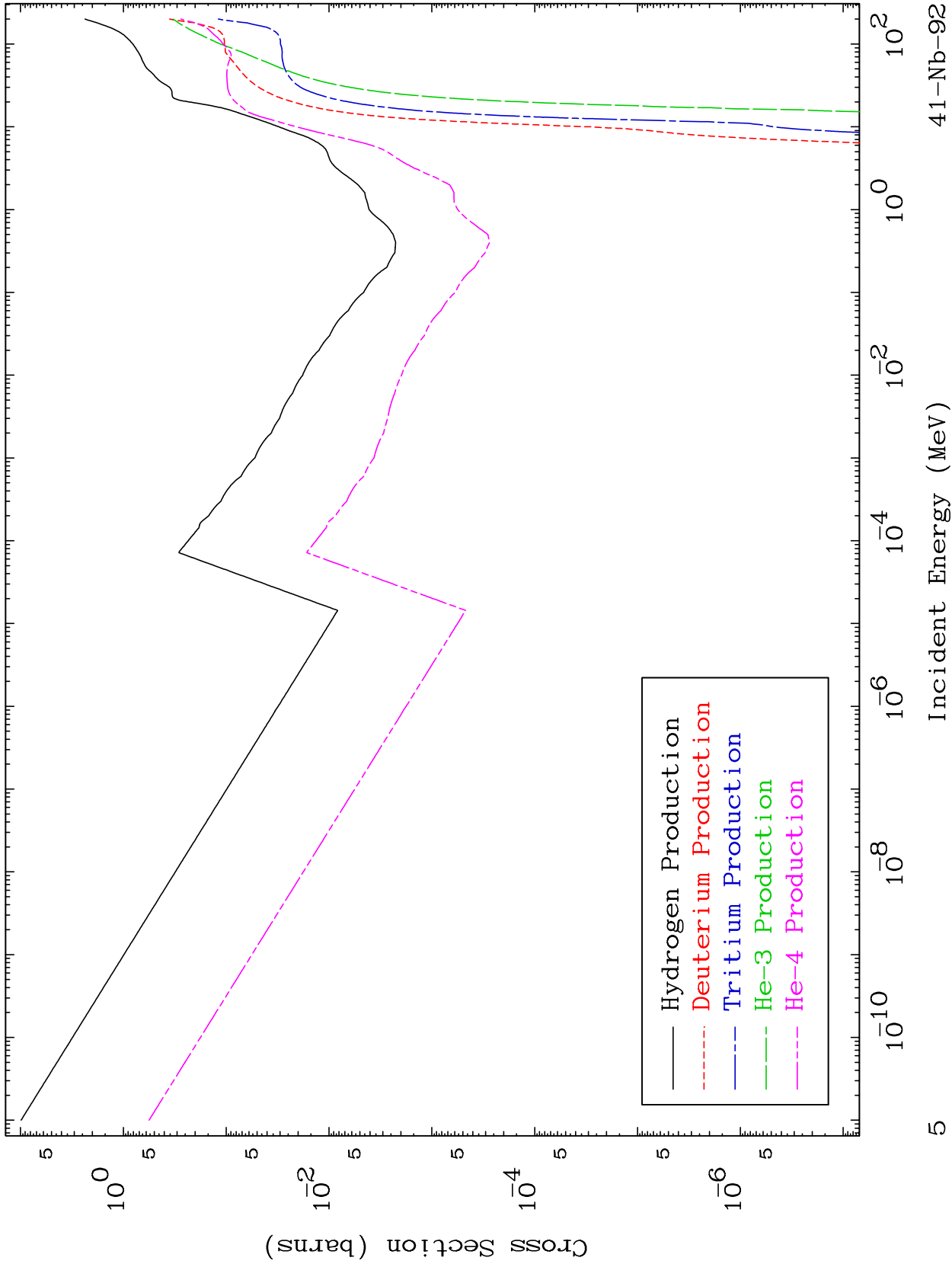
41-Nb-92



MAT 4123

Particle Production  
293 Kelvin Cross Sections

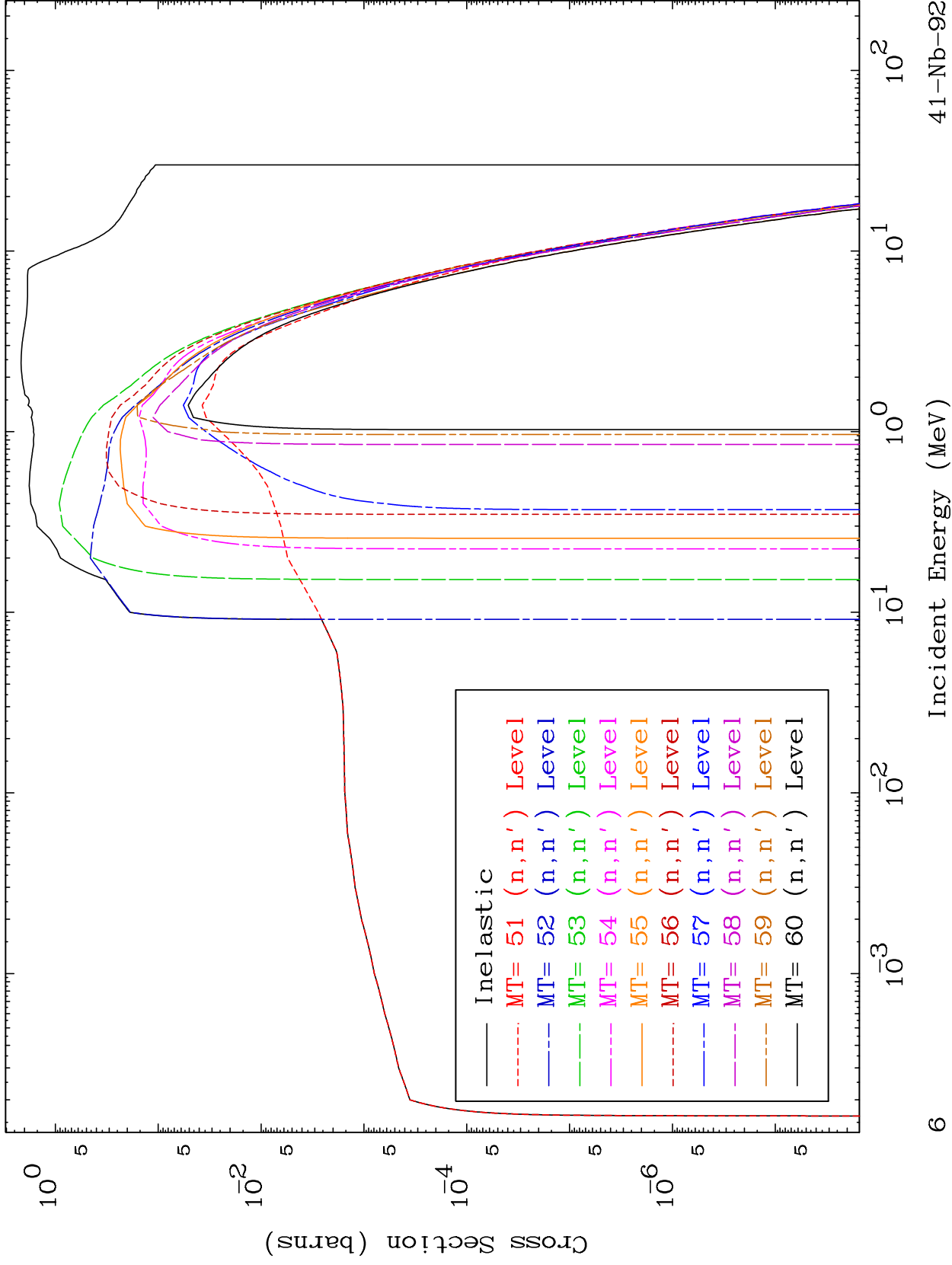
41-Nb-92



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293 Kelvin Cross Sections  
(n,n') Level

41-Nb-92

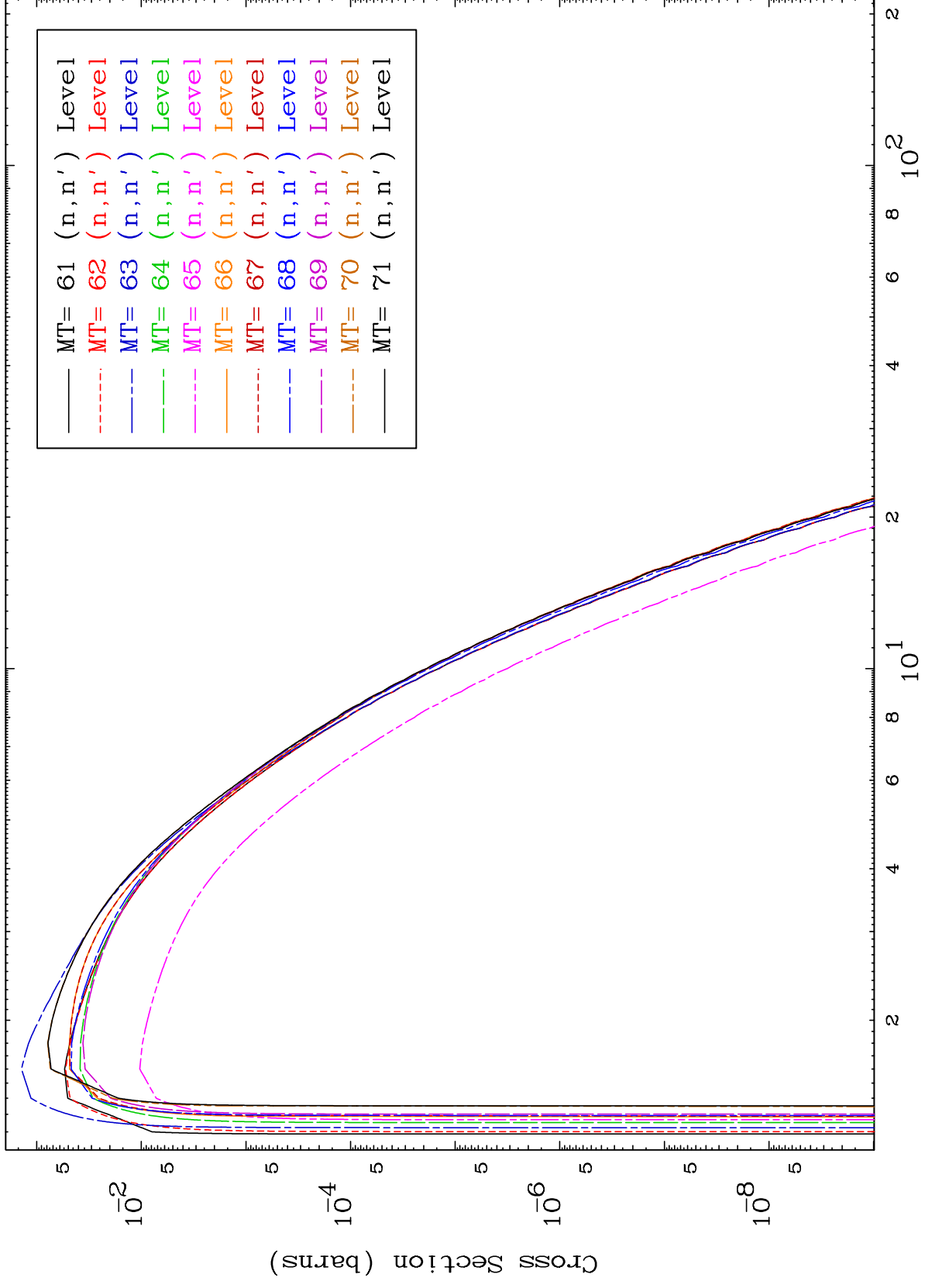


MAT 4123

(n,n') Level

41-Nb-92

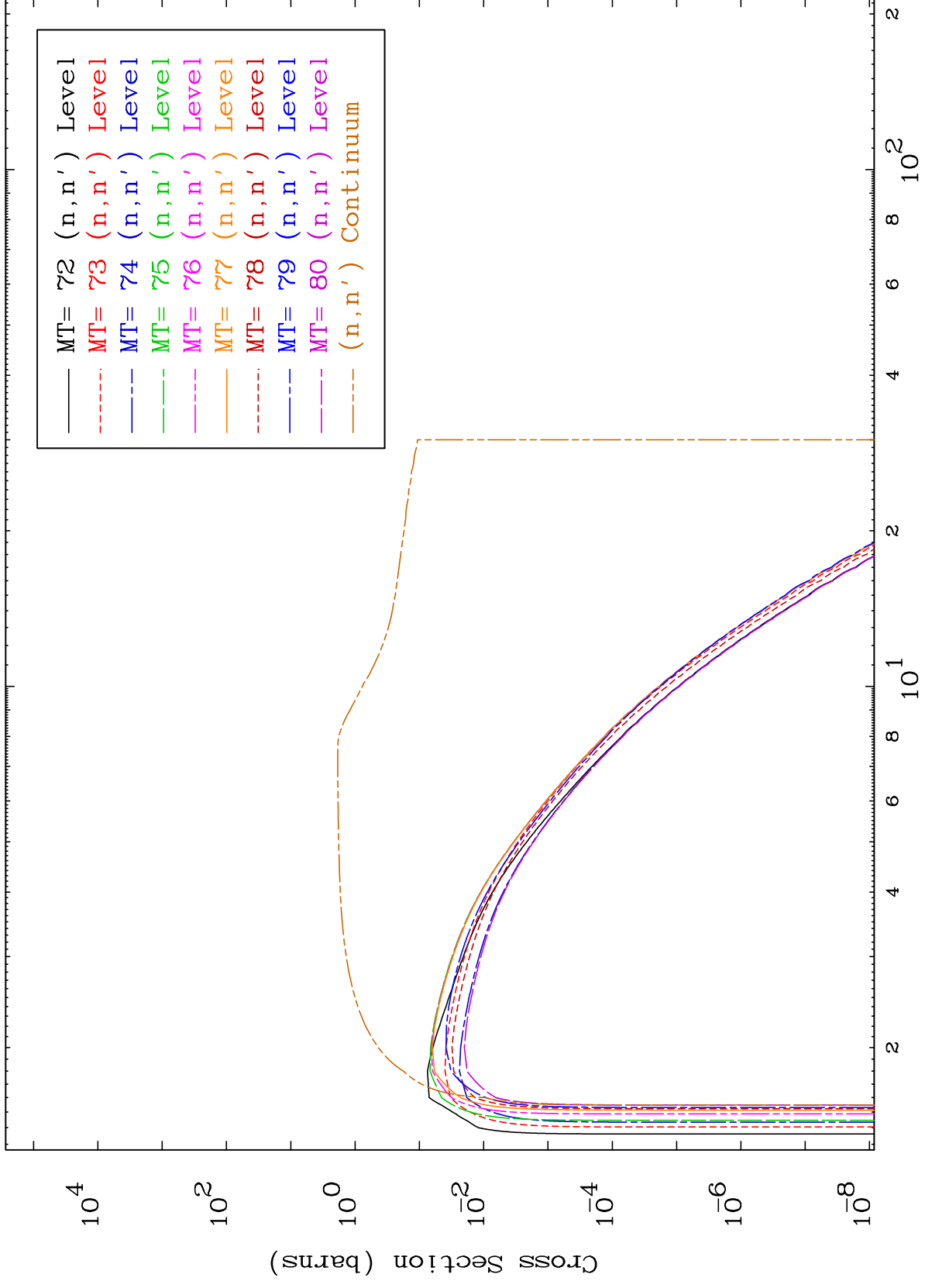
293 Kelvin Cross Sections



Line Style	MT=	(n, n')	Level
Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dashed	63	(n, n')	Level
Dashed	64	(n, n')	Level
Dashed	65	(n, n')	Level
Solid	66	(n, n')	Level
Dashed	67	(n, n')	Level
Dashed	68	(n, n')	Level
Dashed	69	(n, n')	Level
Dashed	70	(n, n')	Level
Solid	71	(n, n')	Level



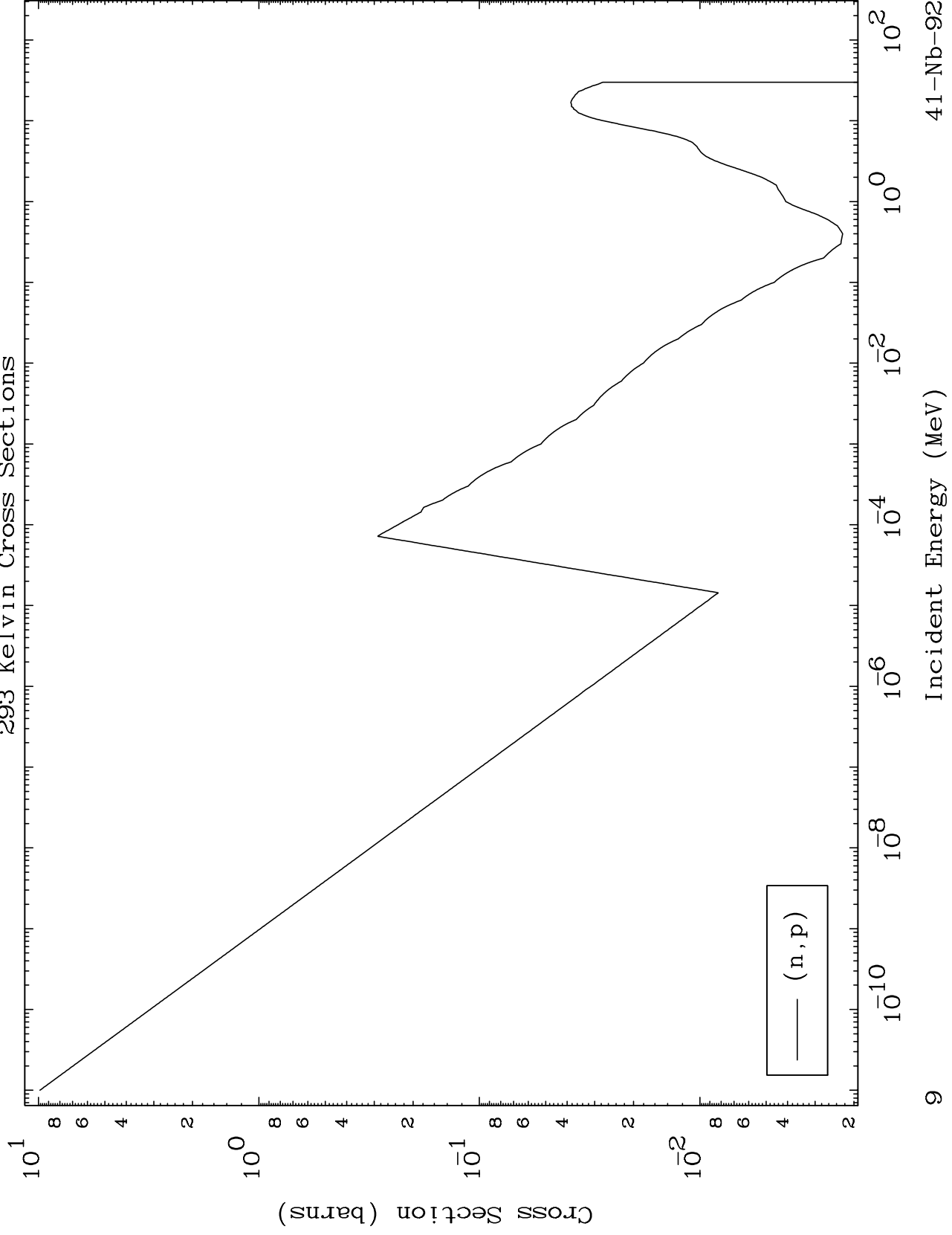
293 Kelvin Cross Sections



MAT 4123

(n,p) Levels  
293 Kelvin Cross Sections

41-Nb-92

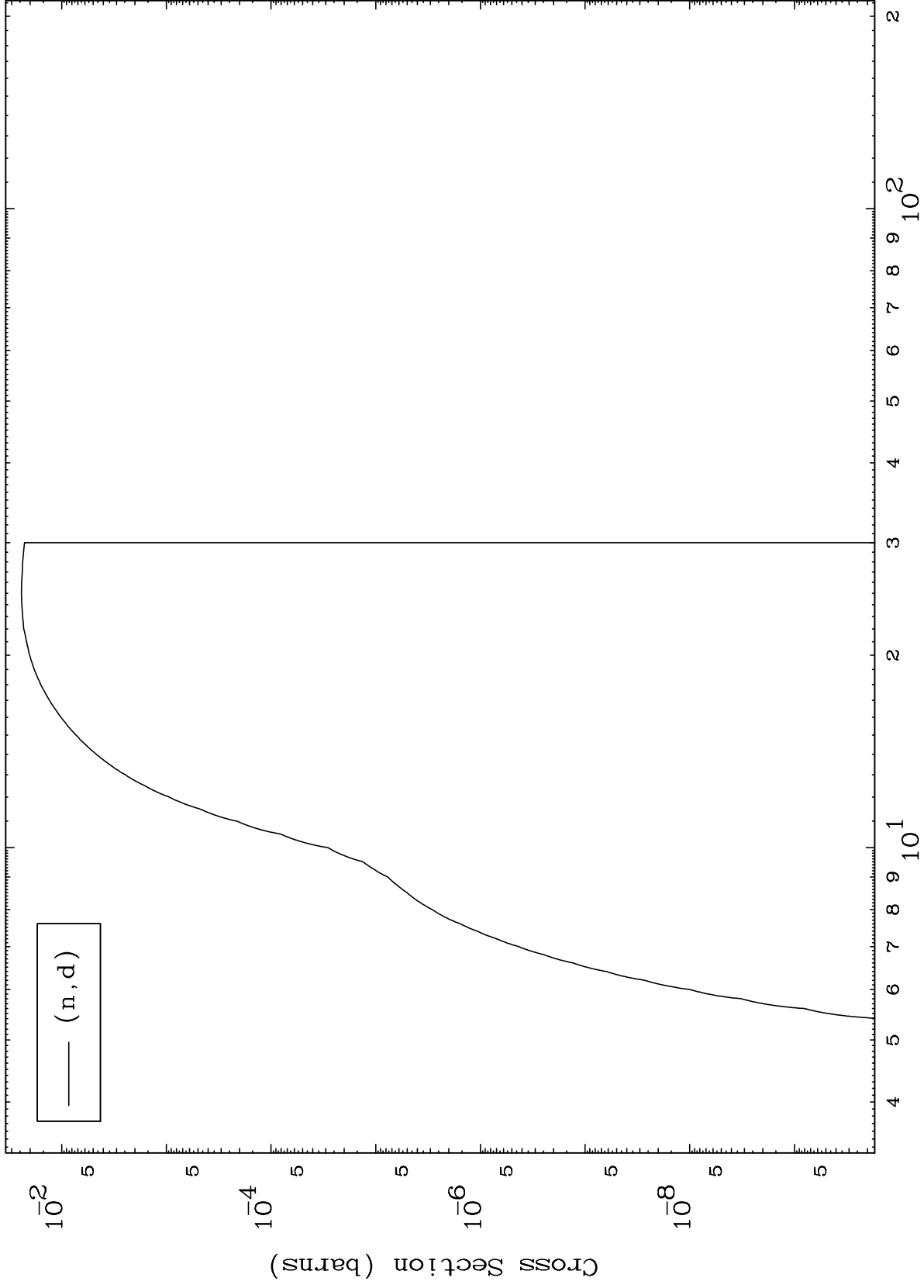


(n,p)

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(n,d) Levels  
293 Kelvin Cross Sections

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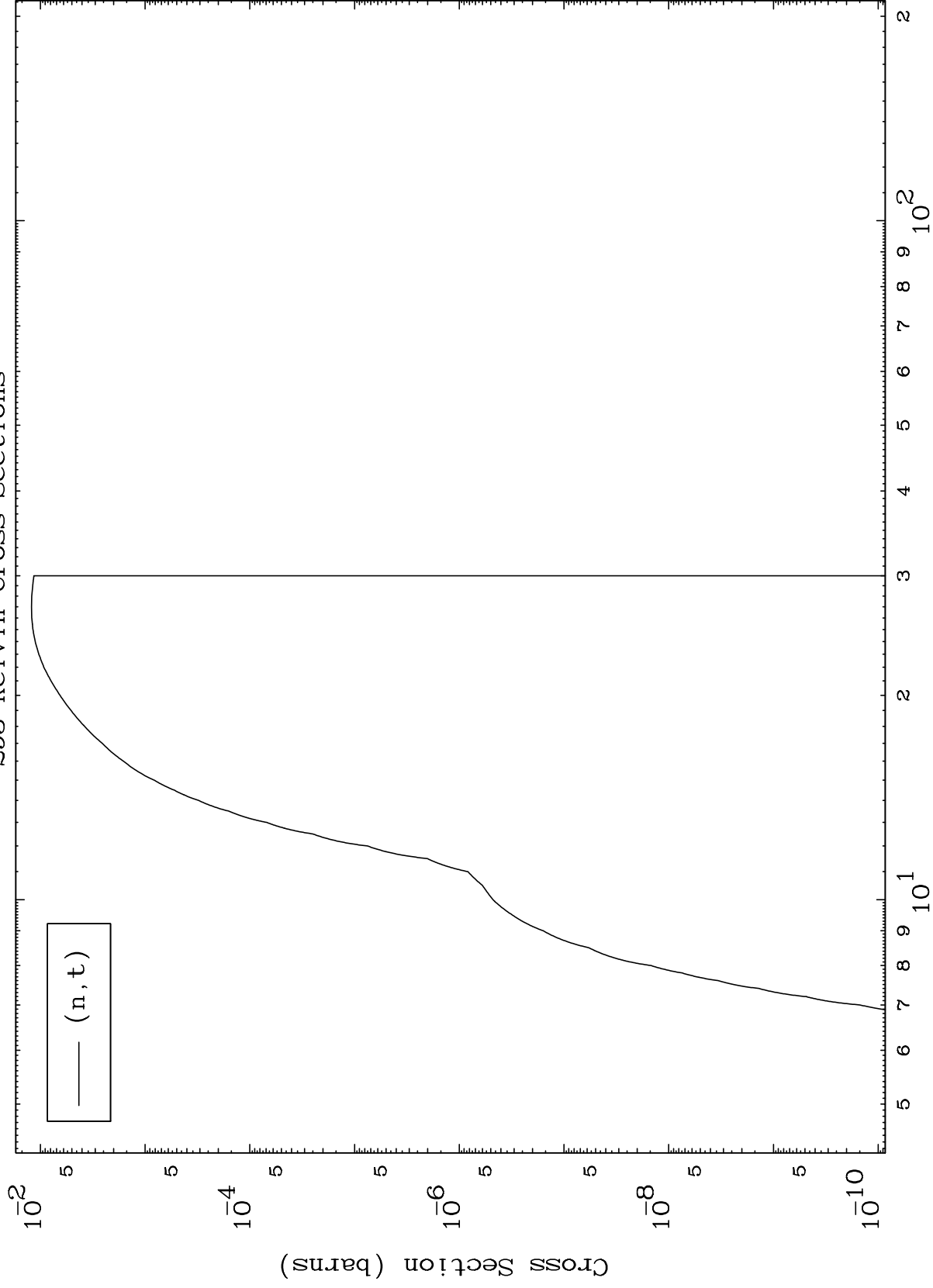
Incident Energy (MeV)

41-Nb-92

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(n,t) Levels  
293 Kelvin Cross Sections

41-Nb-92



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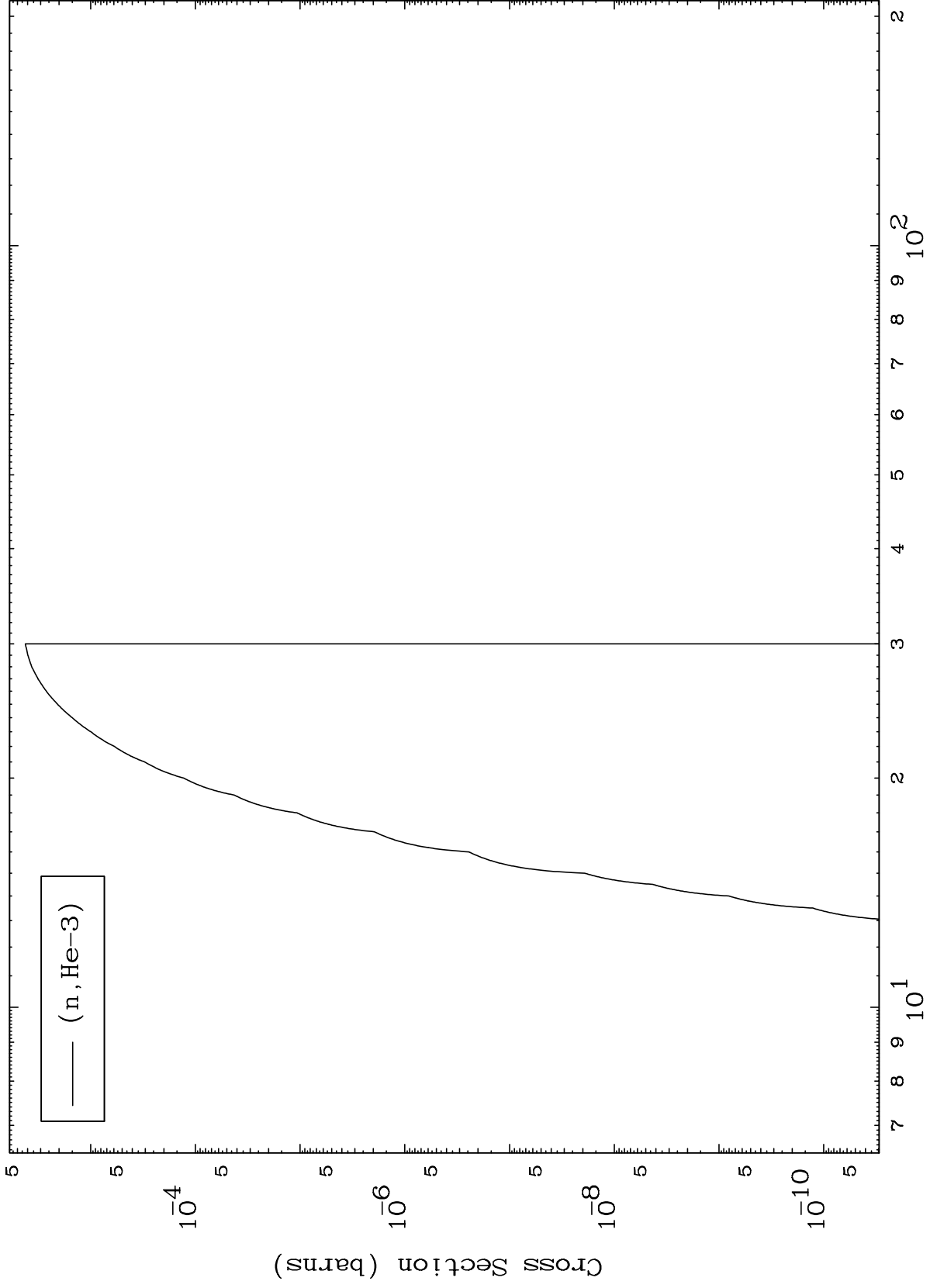
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,He3) Levels  
293 Kelvin Cross Sections

41-Nb-92



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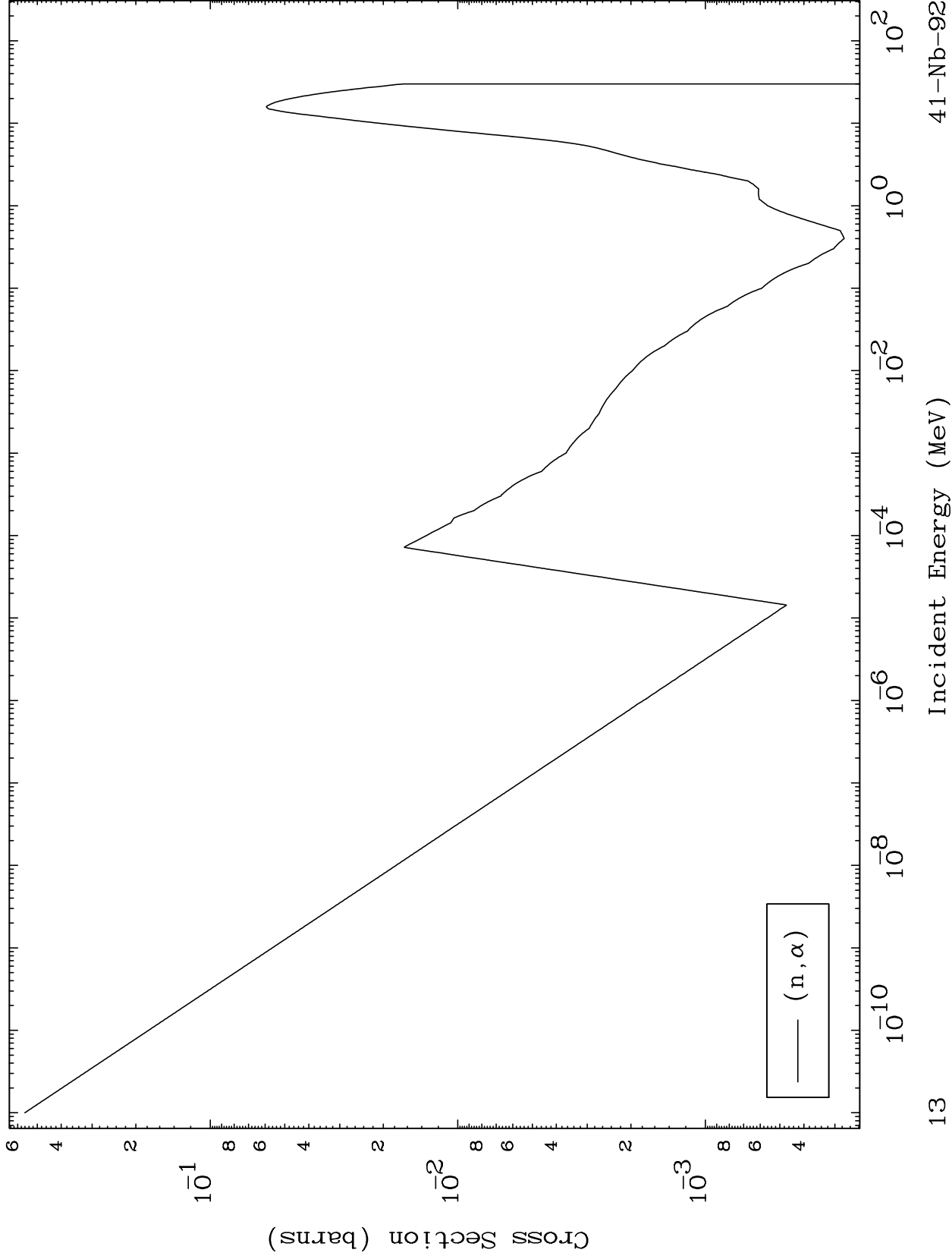
Incident Energy (MeV)

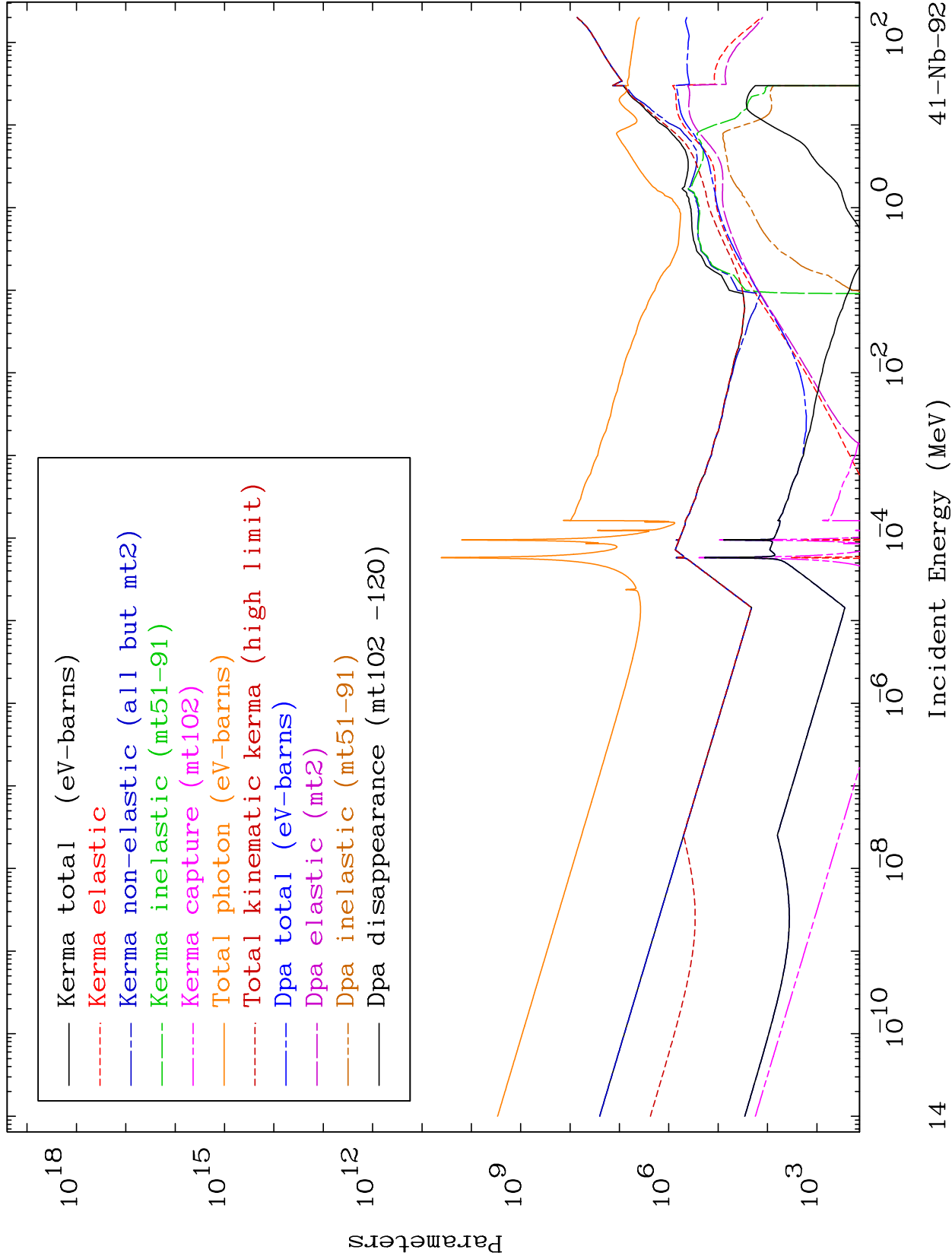
41-Nb-92

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

41-Nb-92

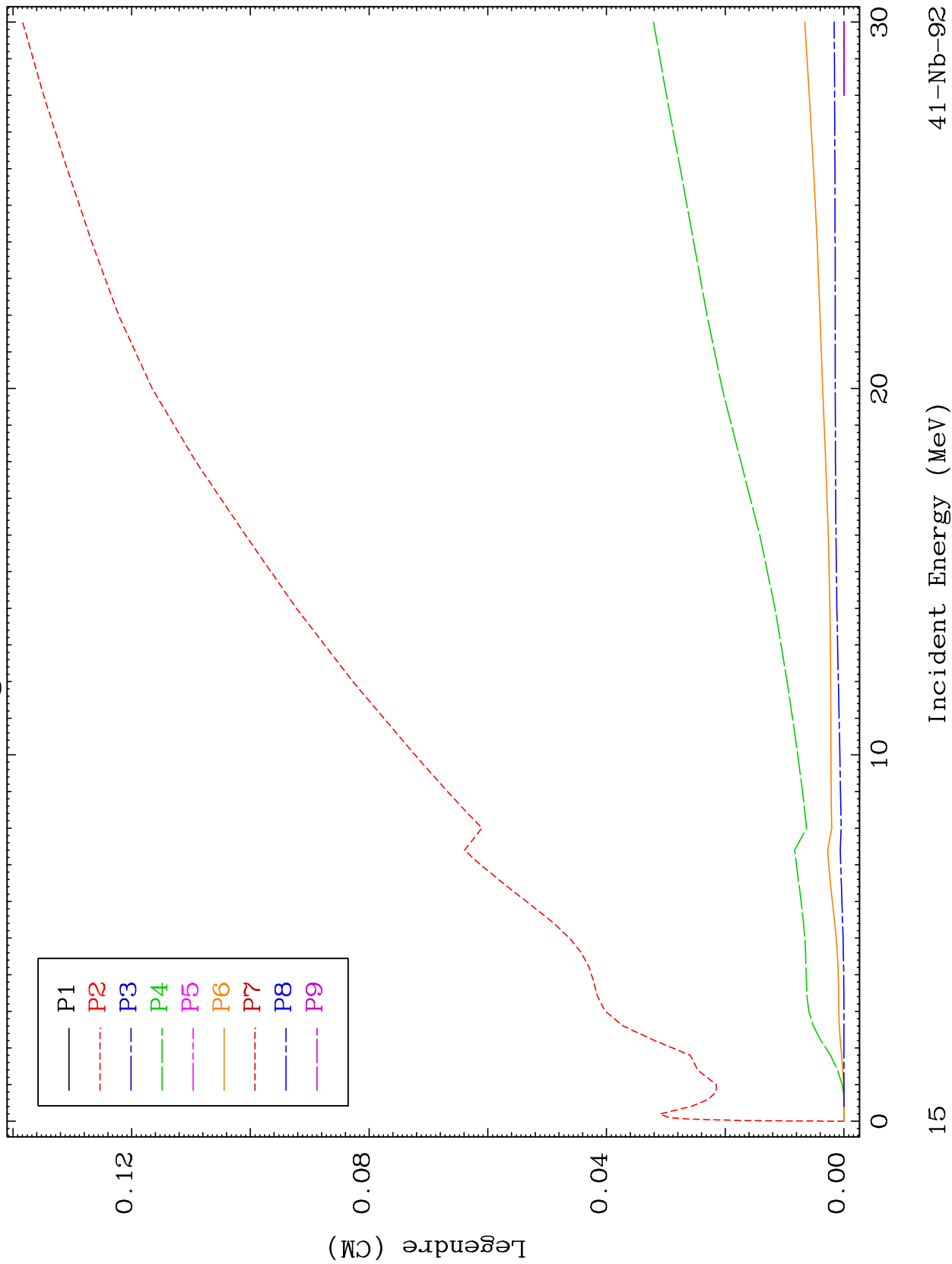




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### Elastic Legendre Coefficients

41-Nb-92



15

Incident Energy (MeV)

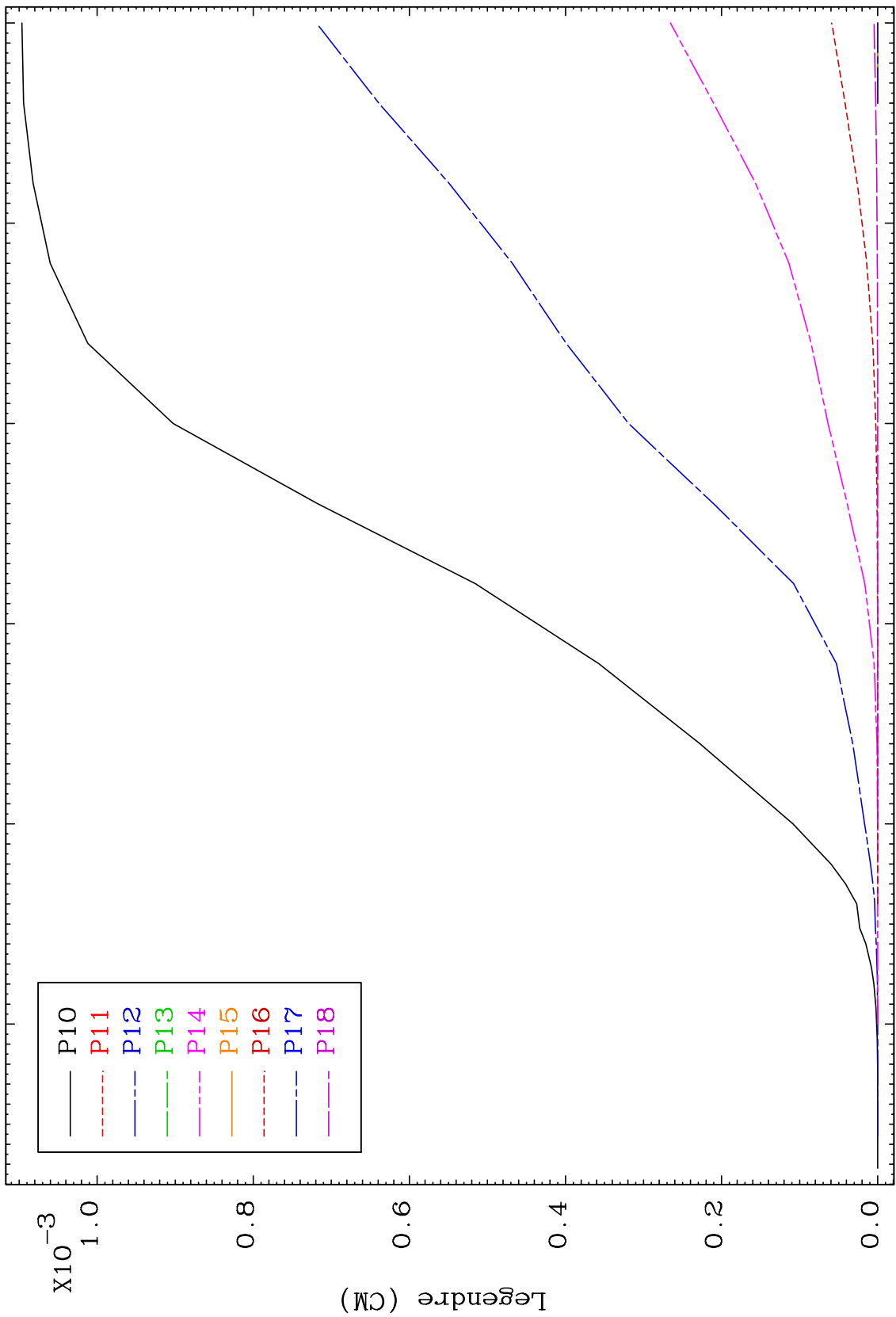
41-Nb-92



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Elastic Legendre Coefficients

41-Nb-92



16

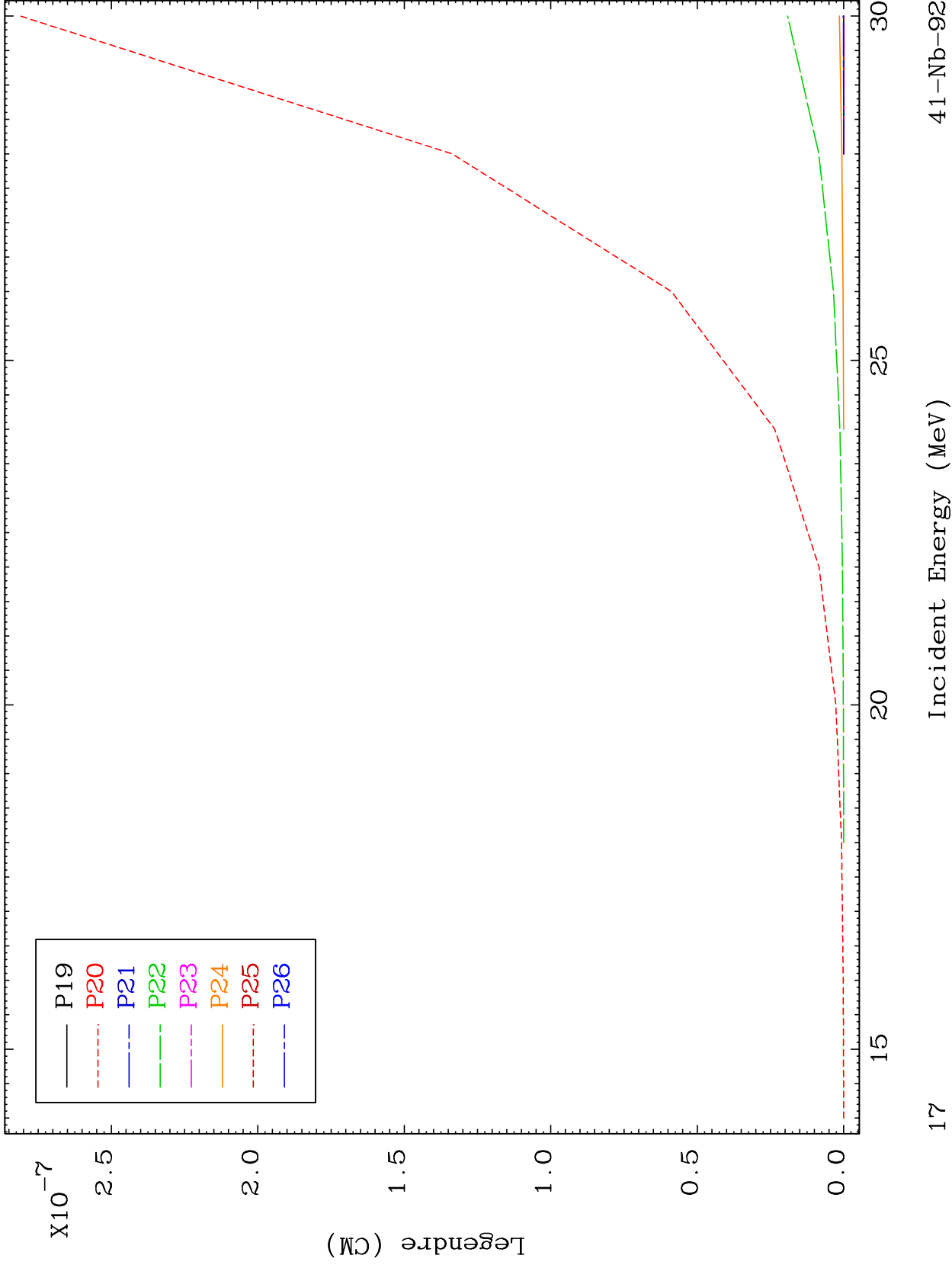
Incident Energy (MeV)

41-Nb-92

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### Elastic Legendre Coefficients

41-Nb-92

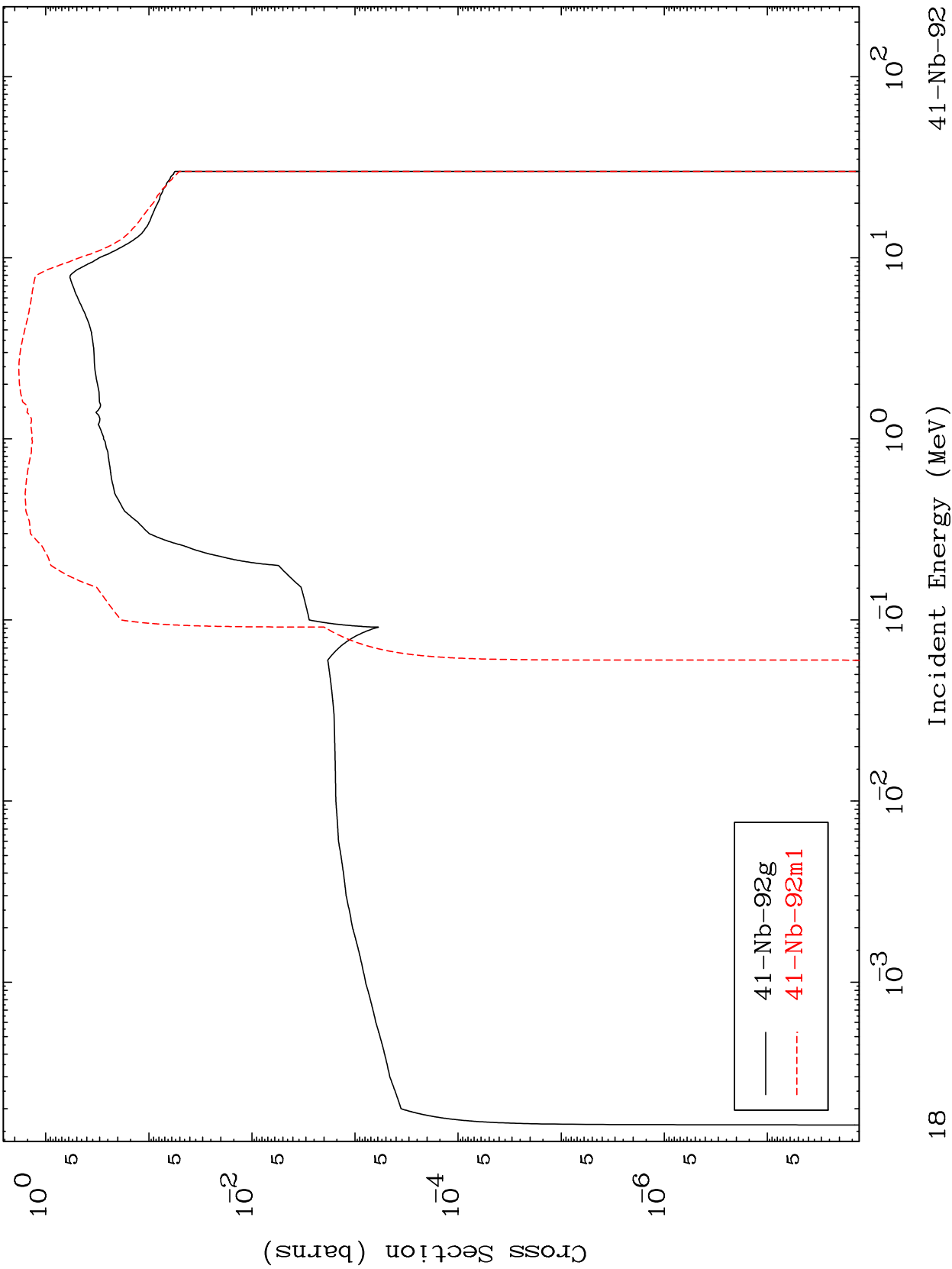


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41-Nb-92

Inelastic  
Radionuclide Production Cross Section

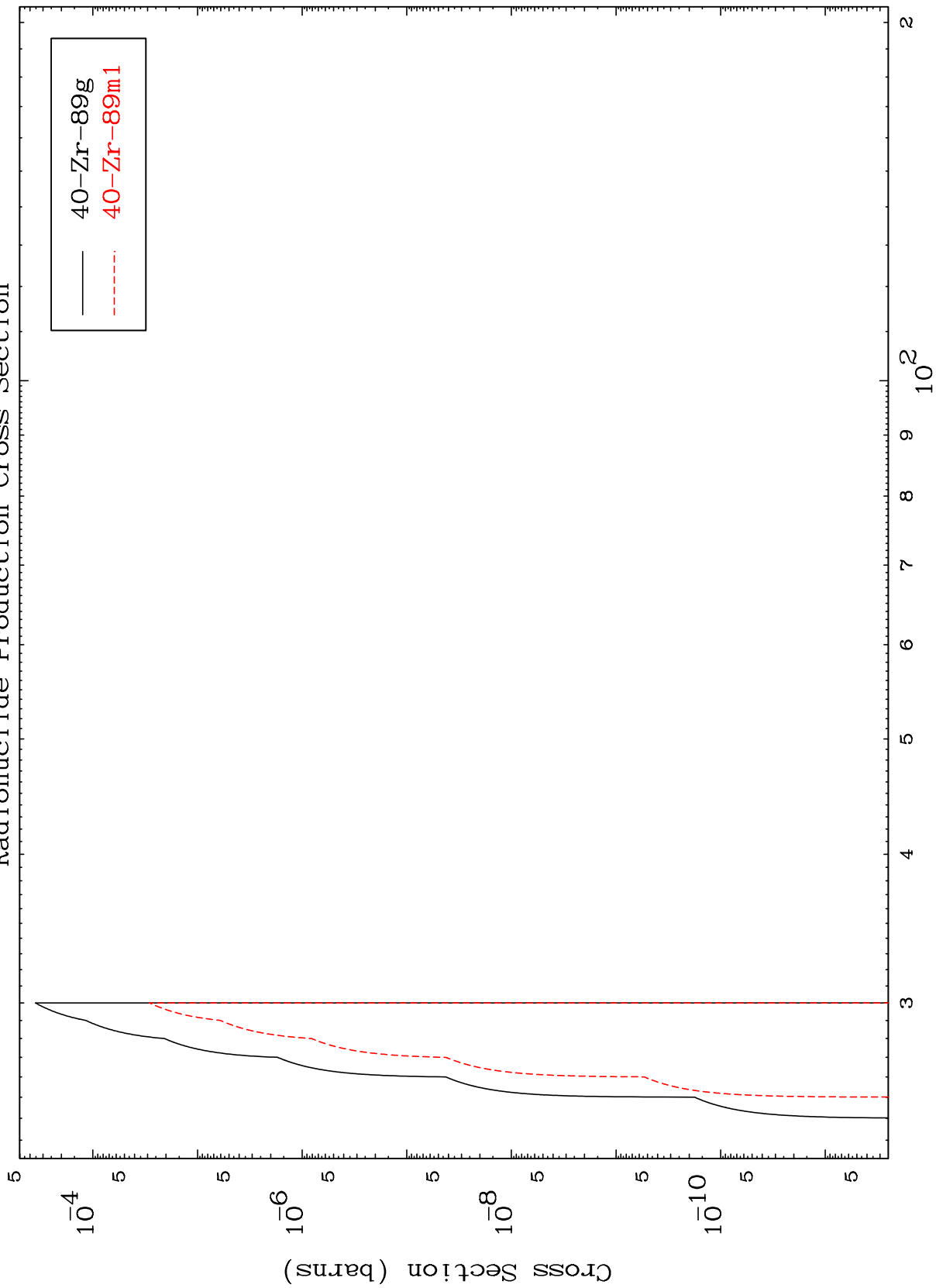


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(n,2n) d

41-Nb-92

Radionuclide Production Cross Section



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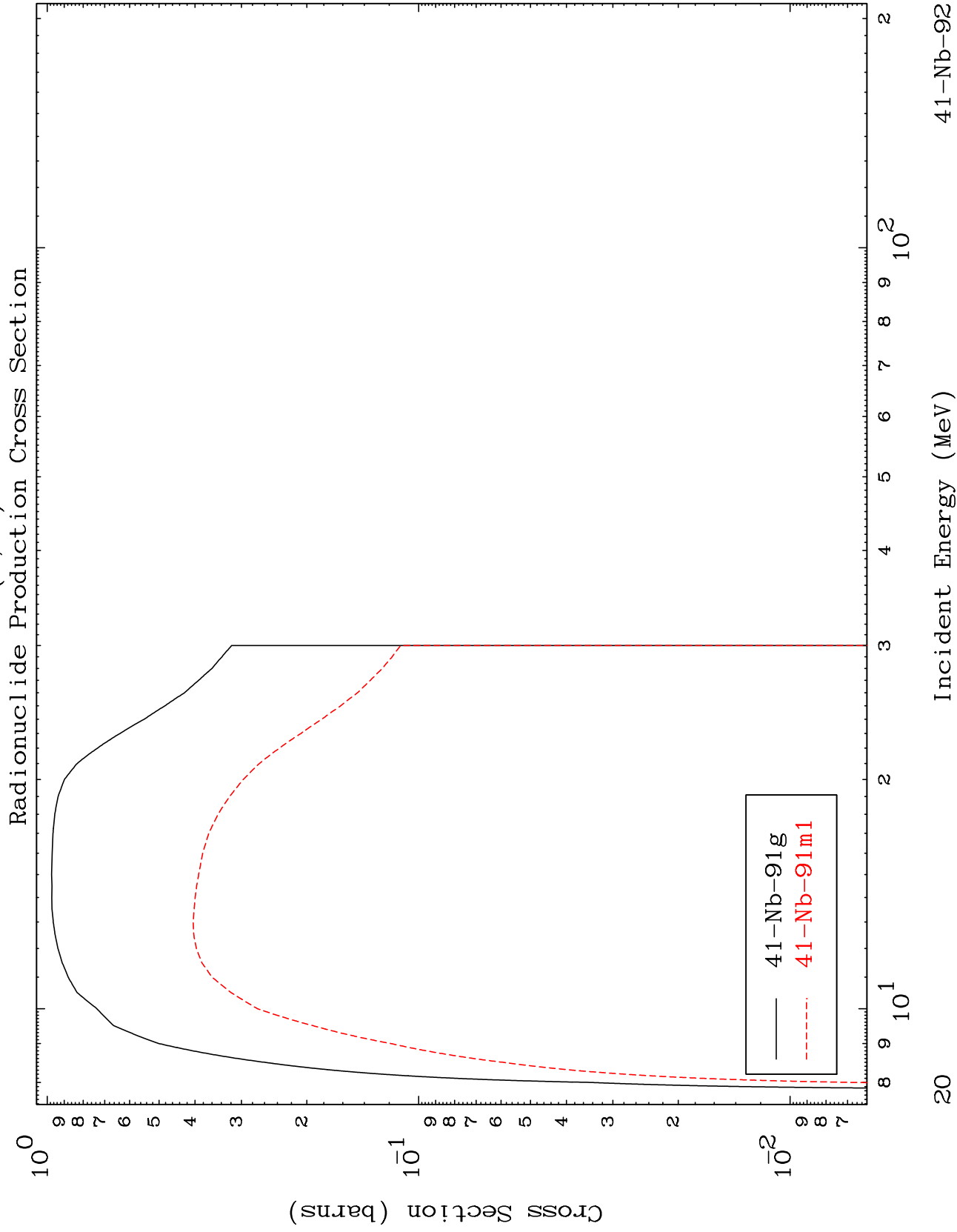
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,2n)

41-Nb-92

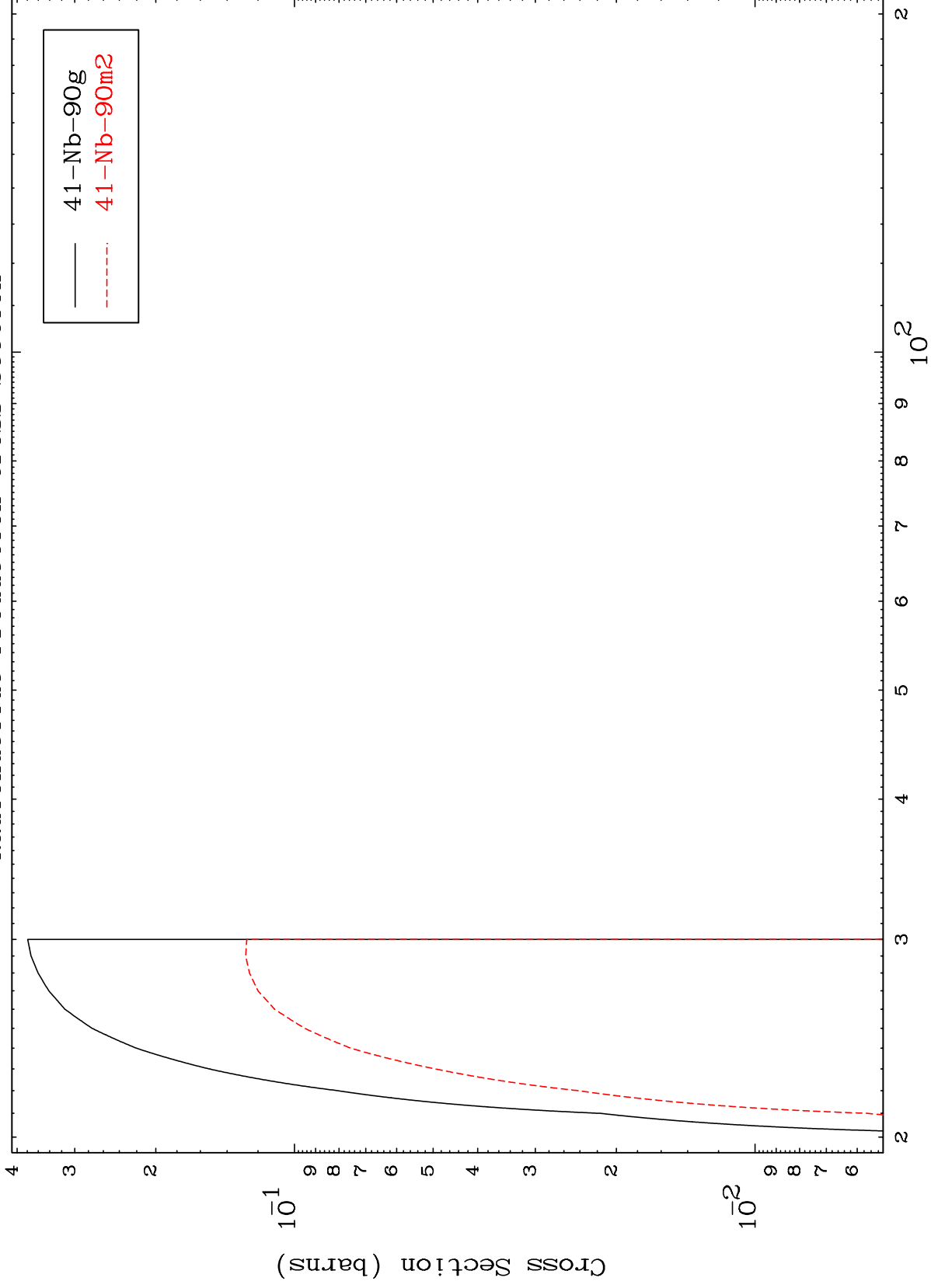


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(n,3n)

41-Nb-92

Radionuclide Production Cross Section



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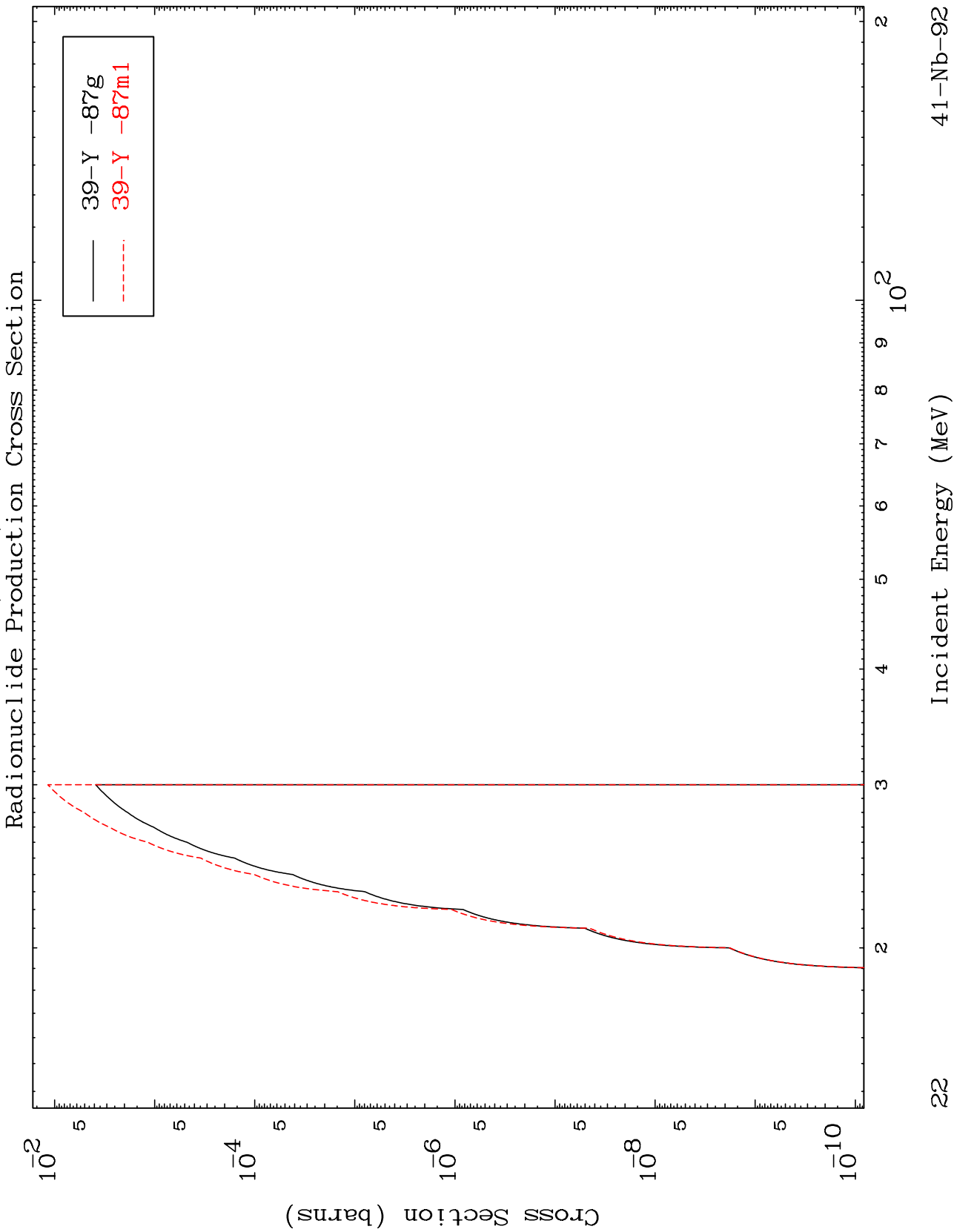
Incident Energy (MeV)

41-Nb-92

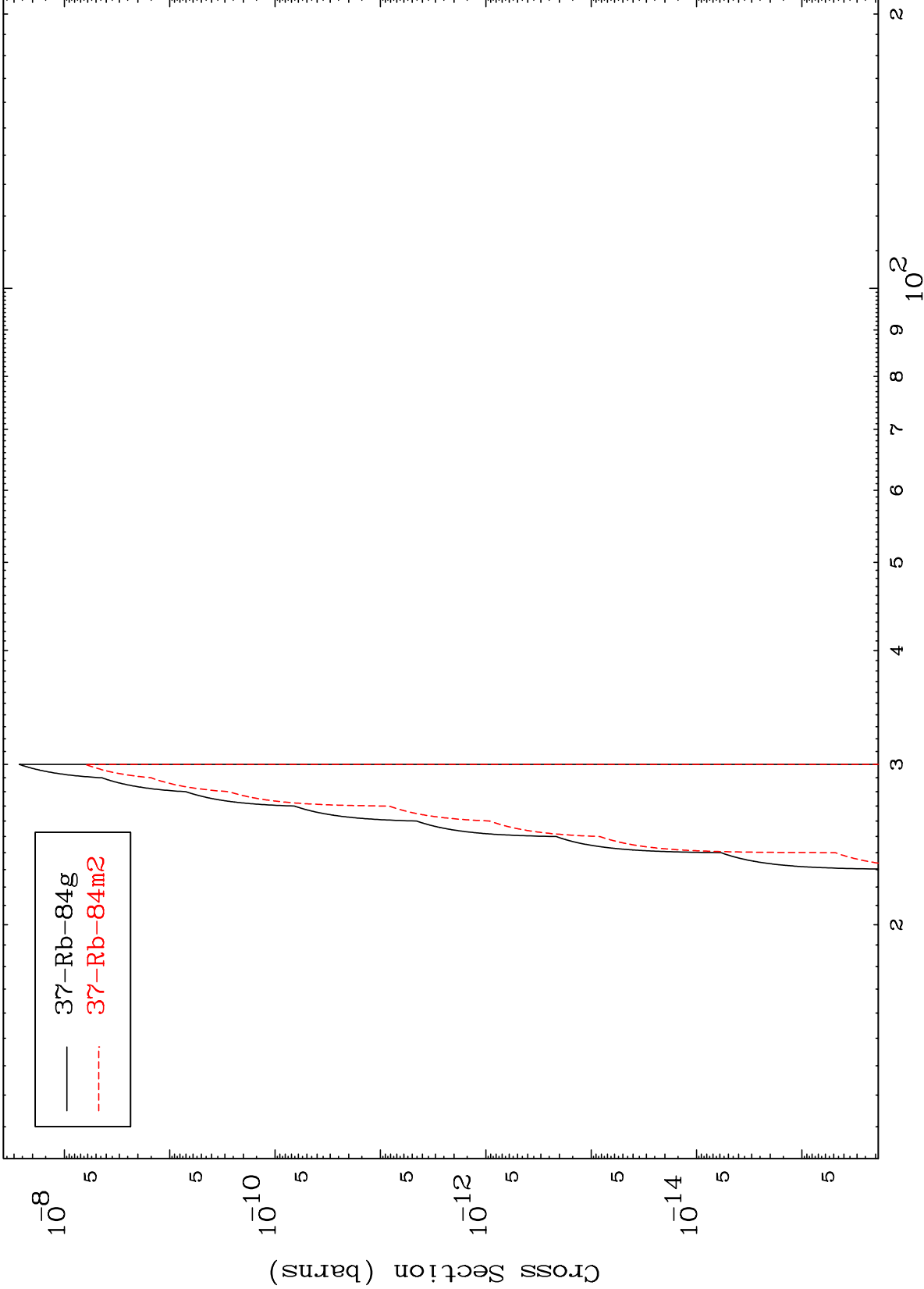
MAT 4123

(n,2n)  $\alpha$

41-Nb-92

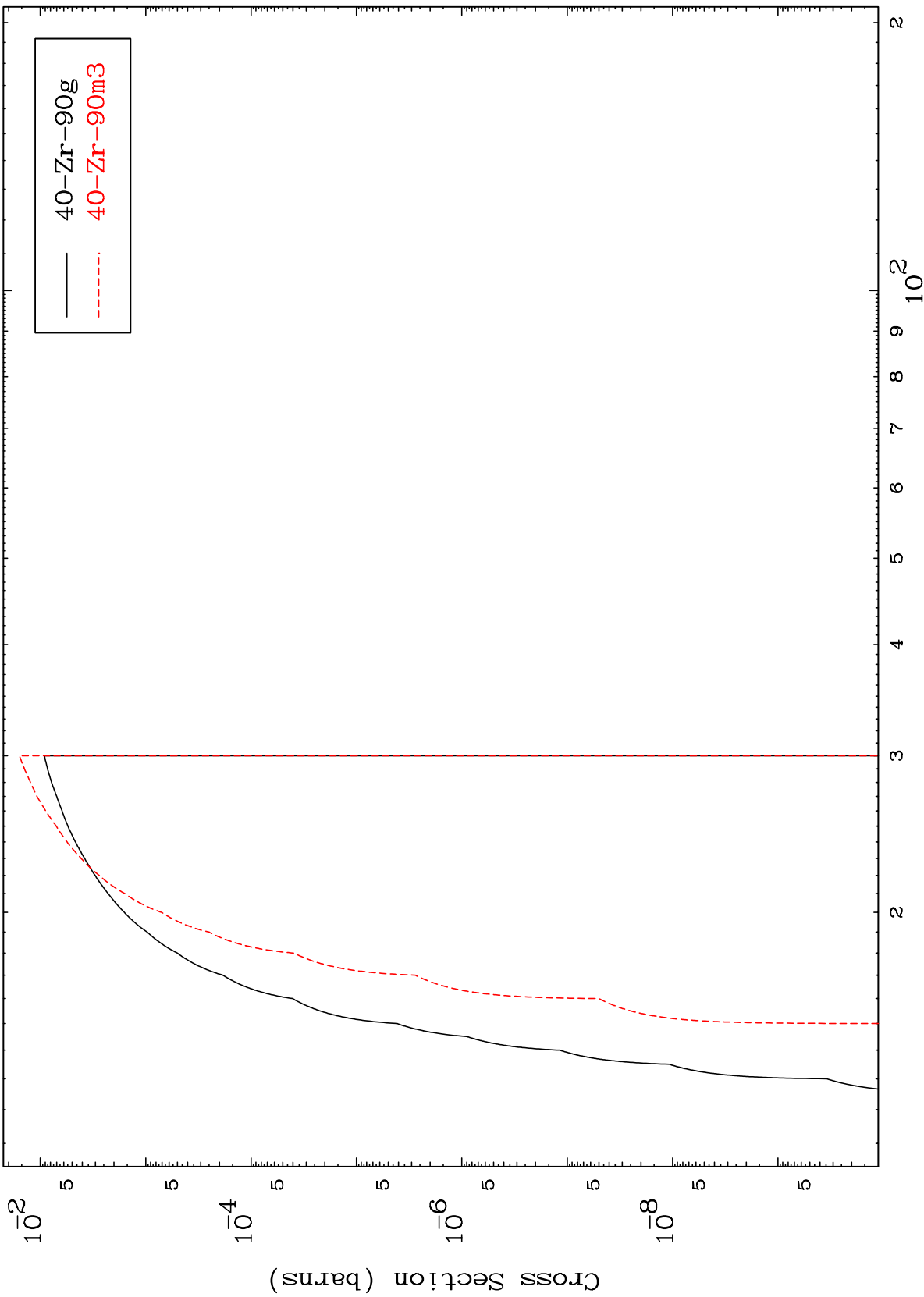


Radionuclide Production Cross Section



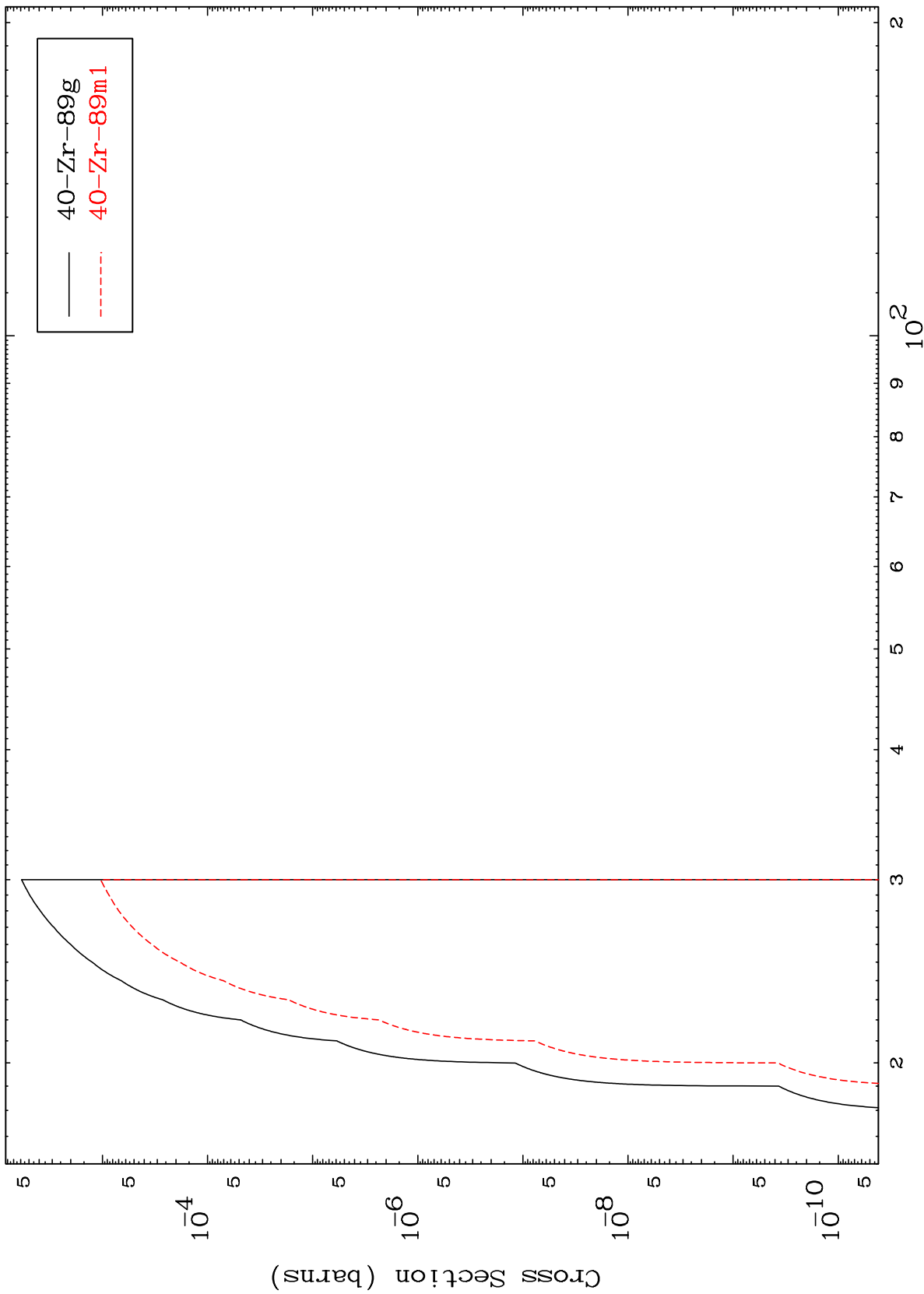


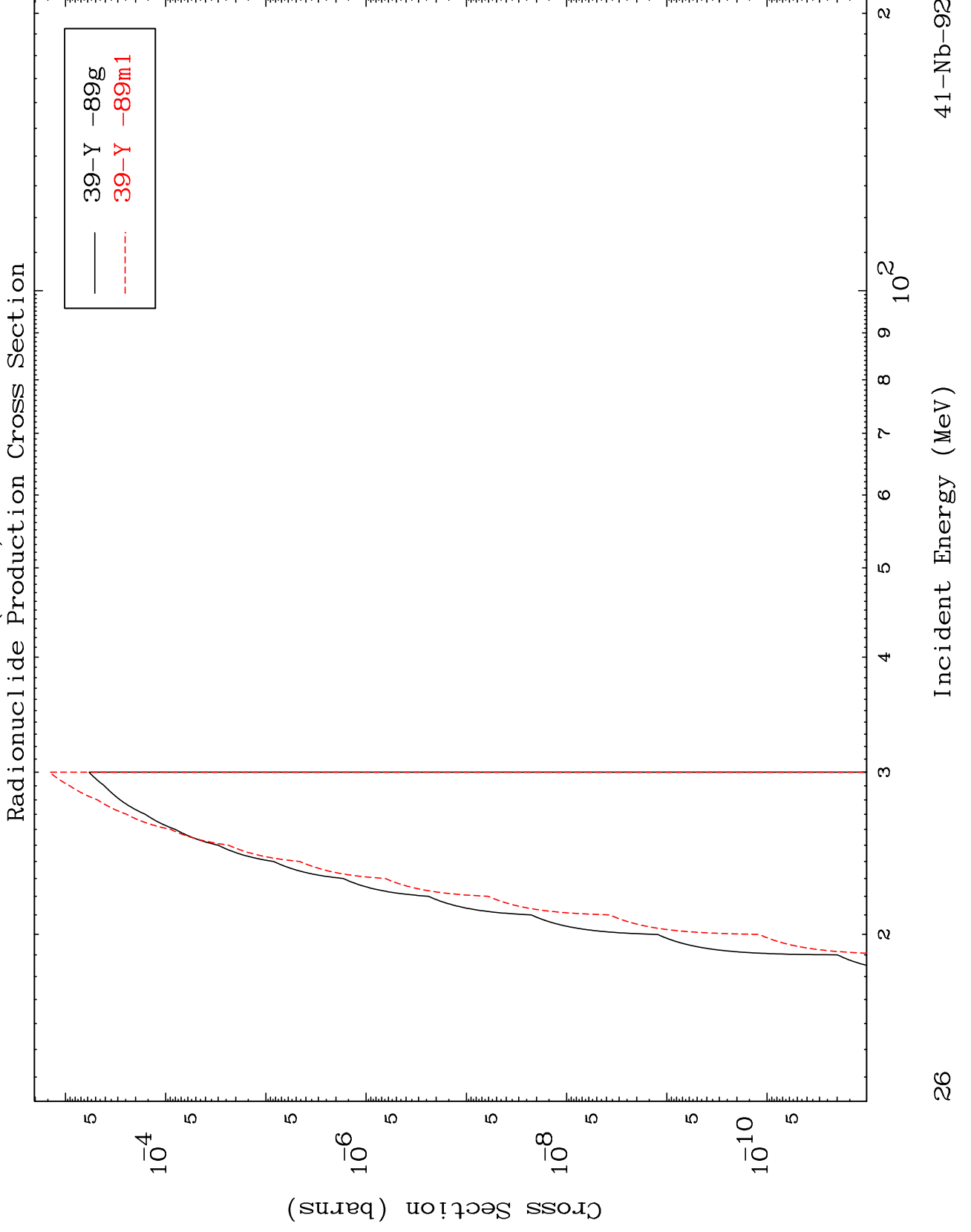
Radionuclide Production Cross Section



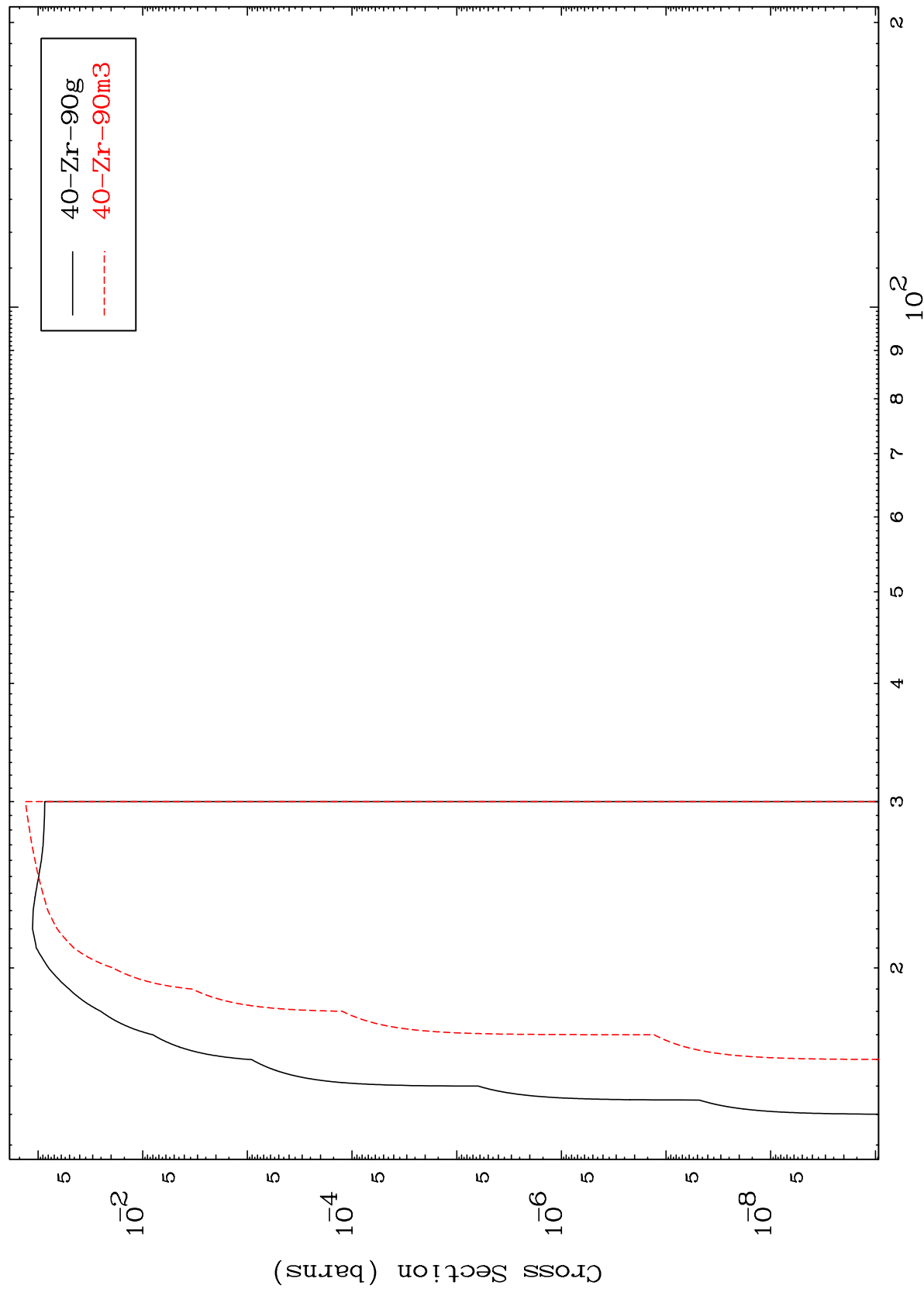
40-Zr-90g  
40-Zr-90m3

Radionuclide Production Cross Section



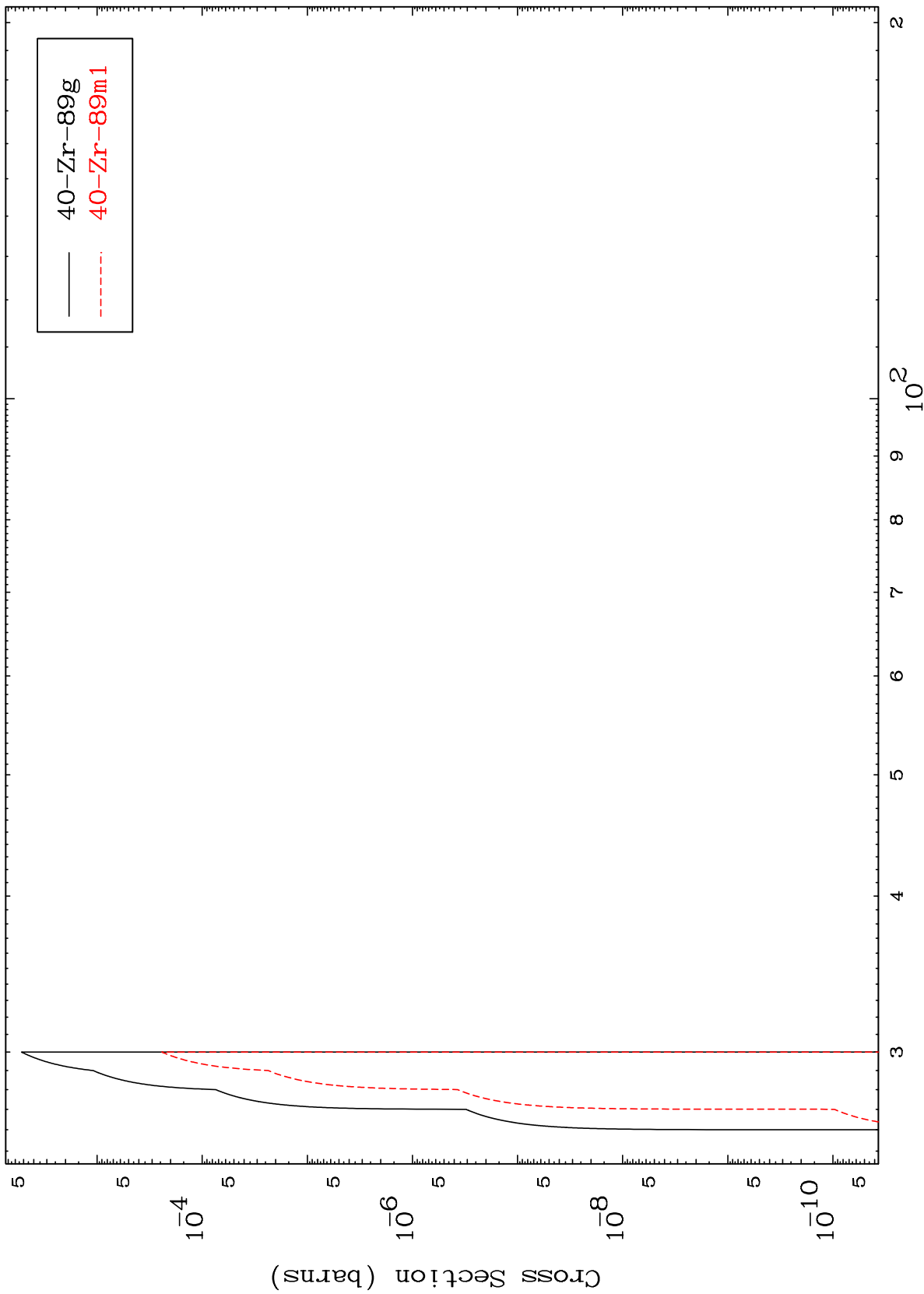


Radionuclide Production Cross Section



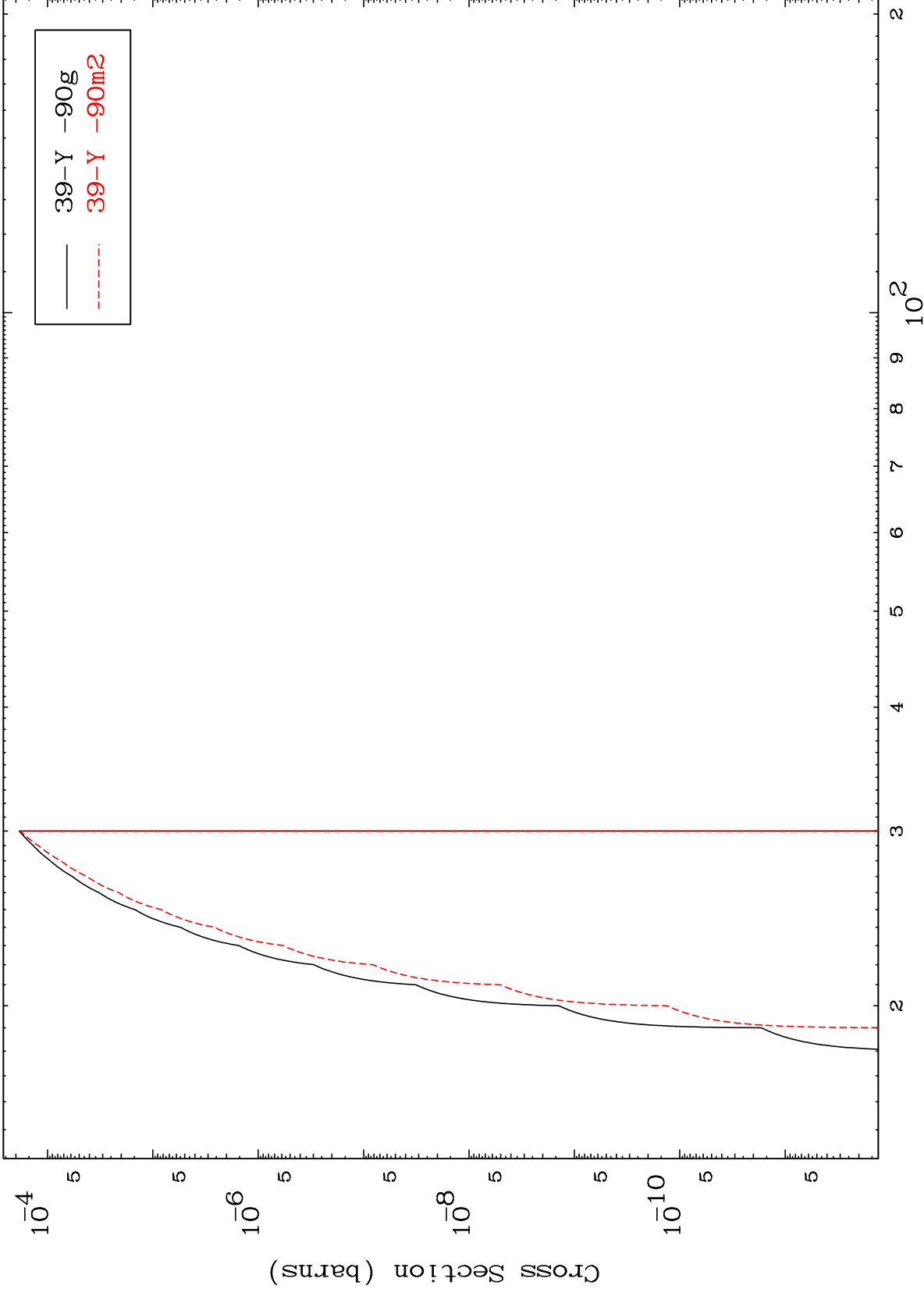
40-Zr-90g  
40-Zr-90m3

Radionuclide Production Cross Section



40-Zr-89g  
40-Zr-89m1

Radionuclide Production Cross Section

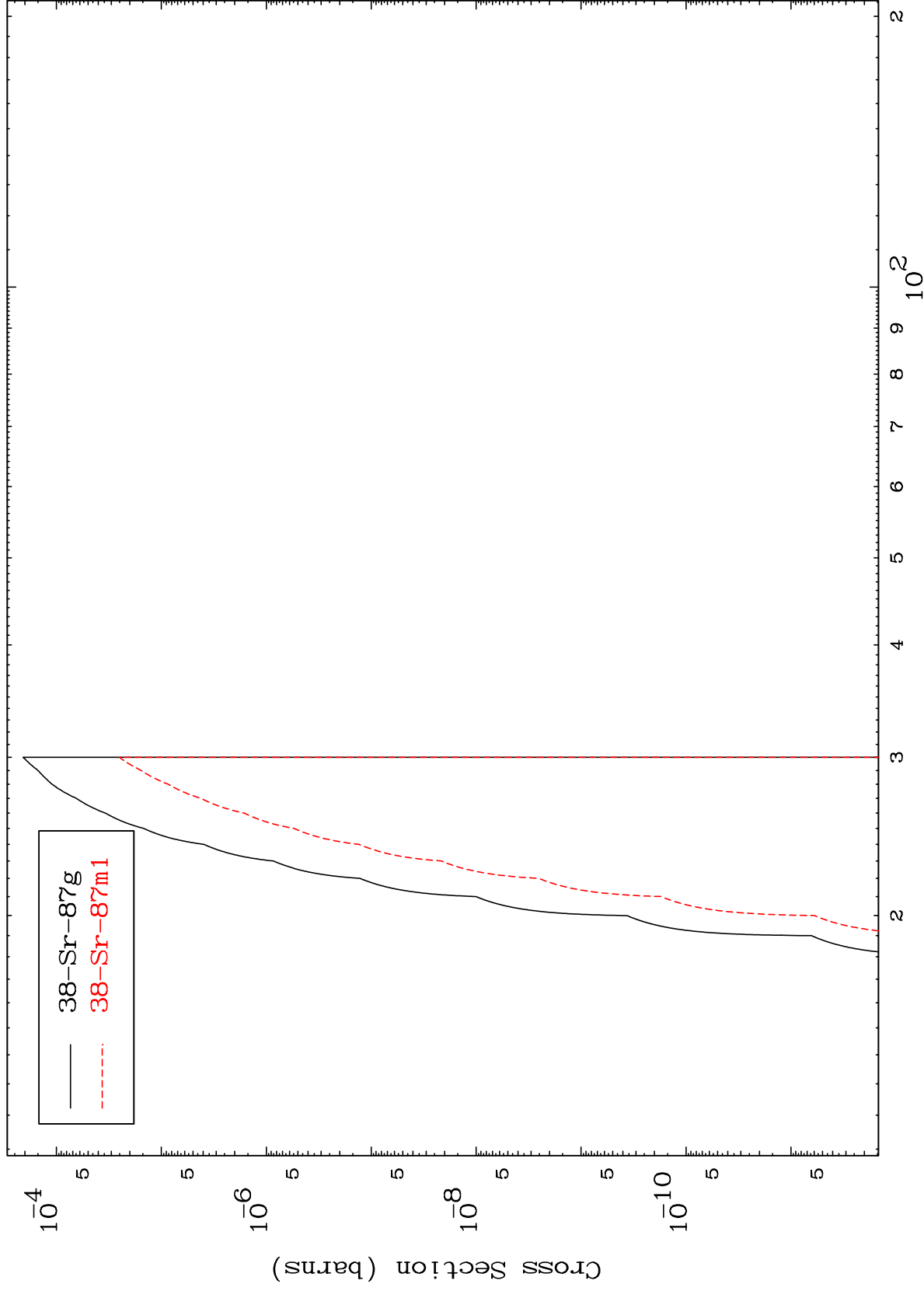


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(n,n') p  $\alpha$

41-Nb-92

Radionuclide Production Cross Section

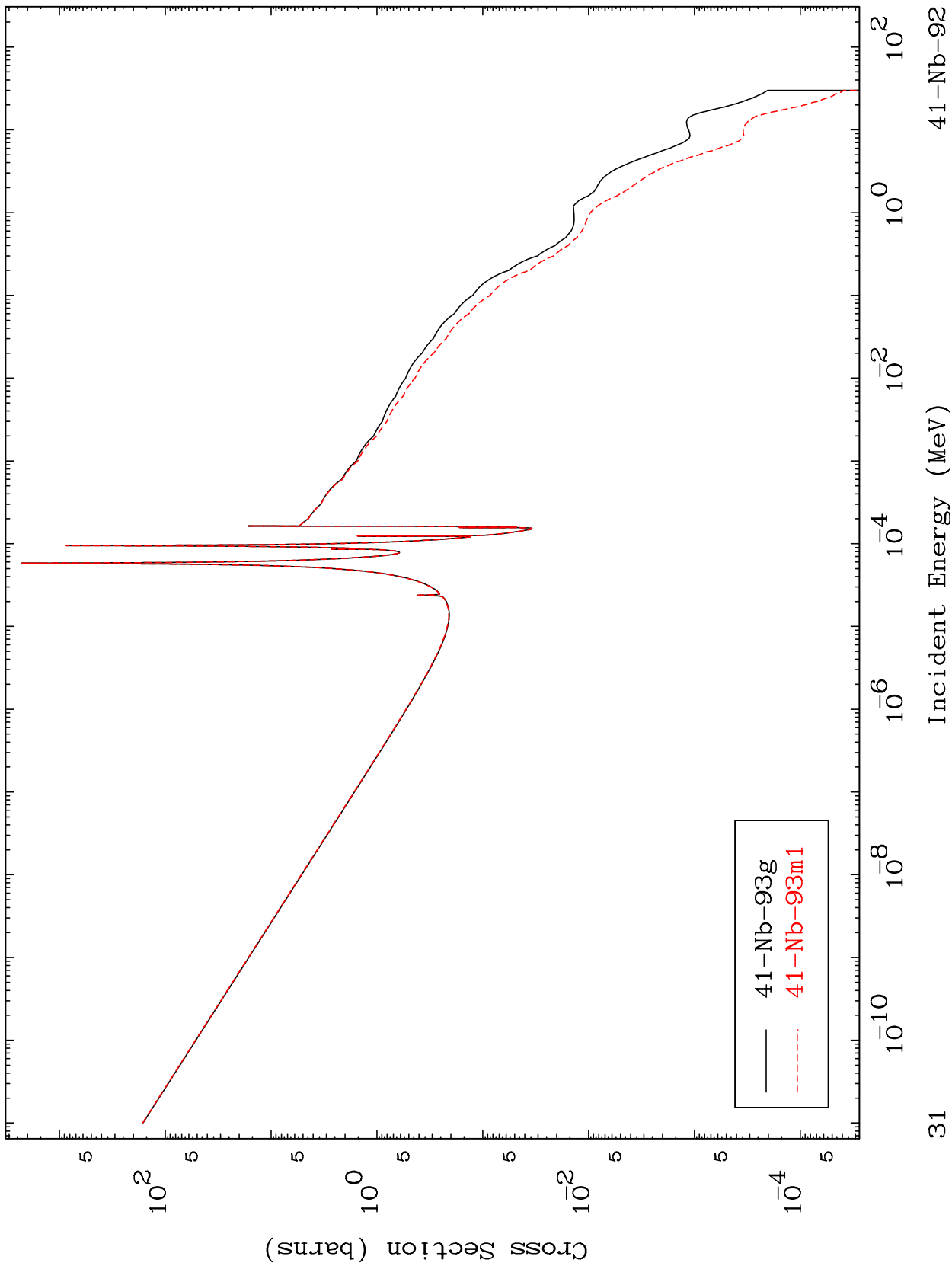


30

Incident Energy (MeV)

41-Nb-92

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

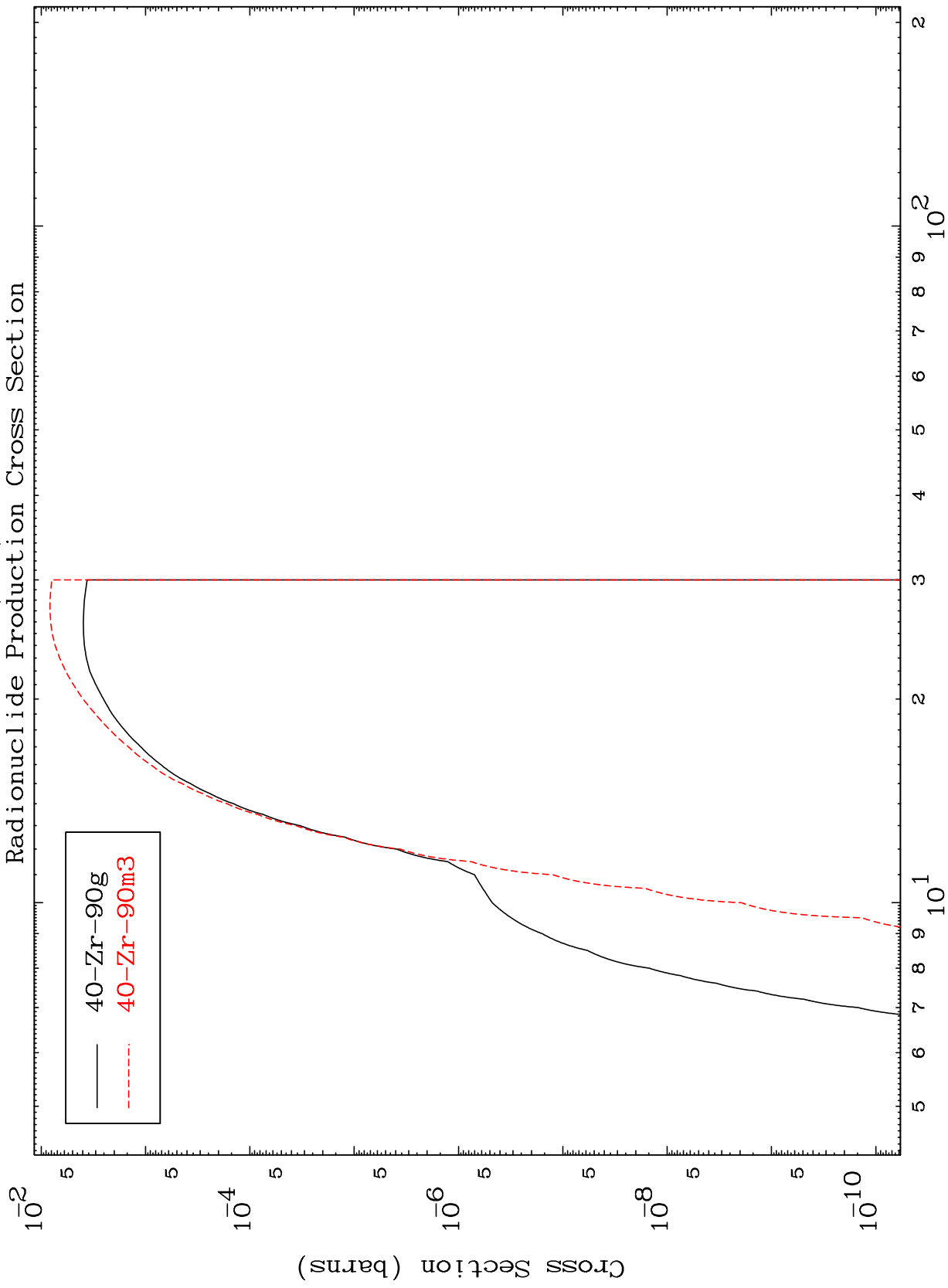




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41-Nb-92

Radionuclide Production Cross Section (n, t)

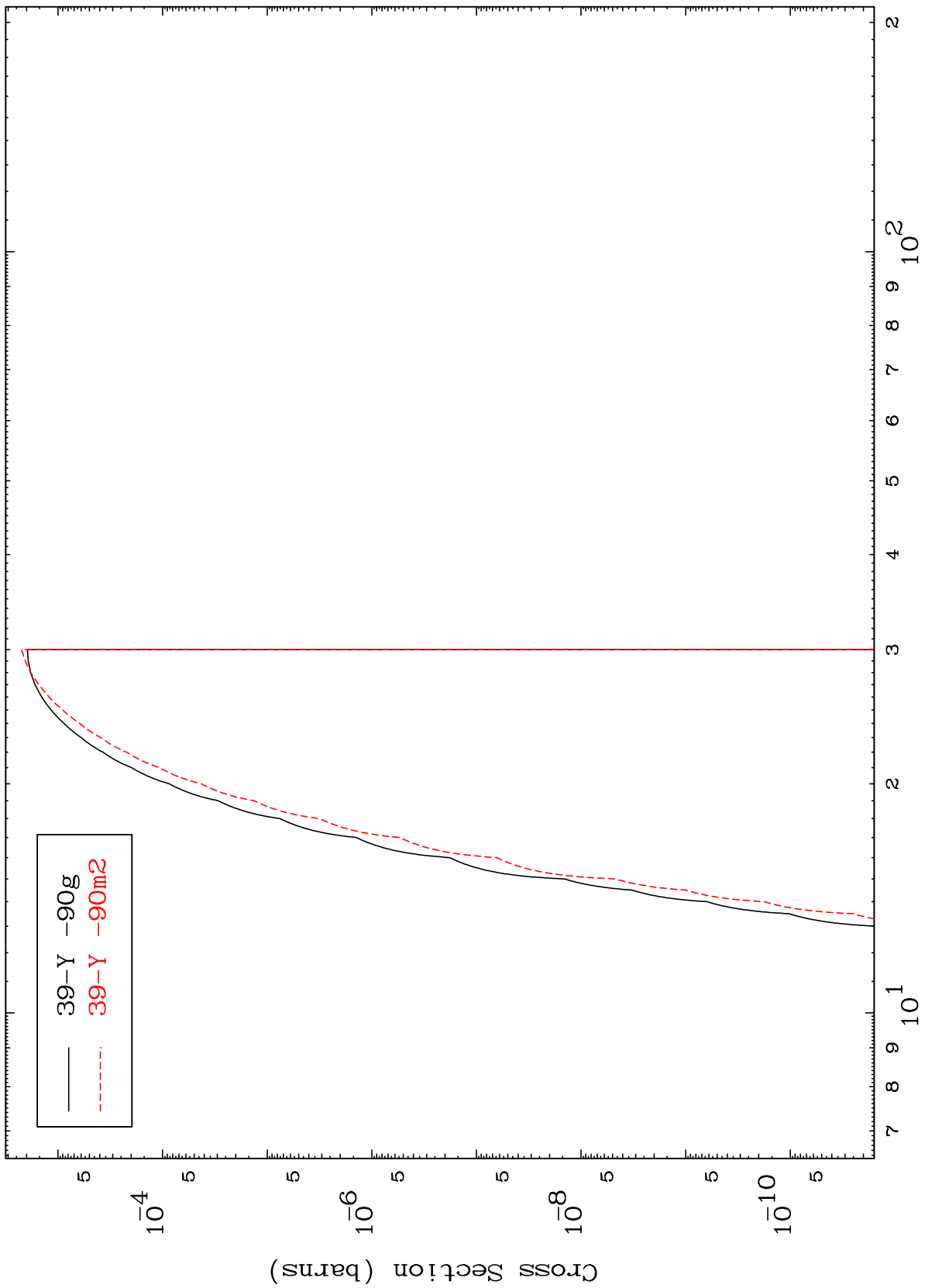


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Incident Energy (MeV)

41-Nb-92

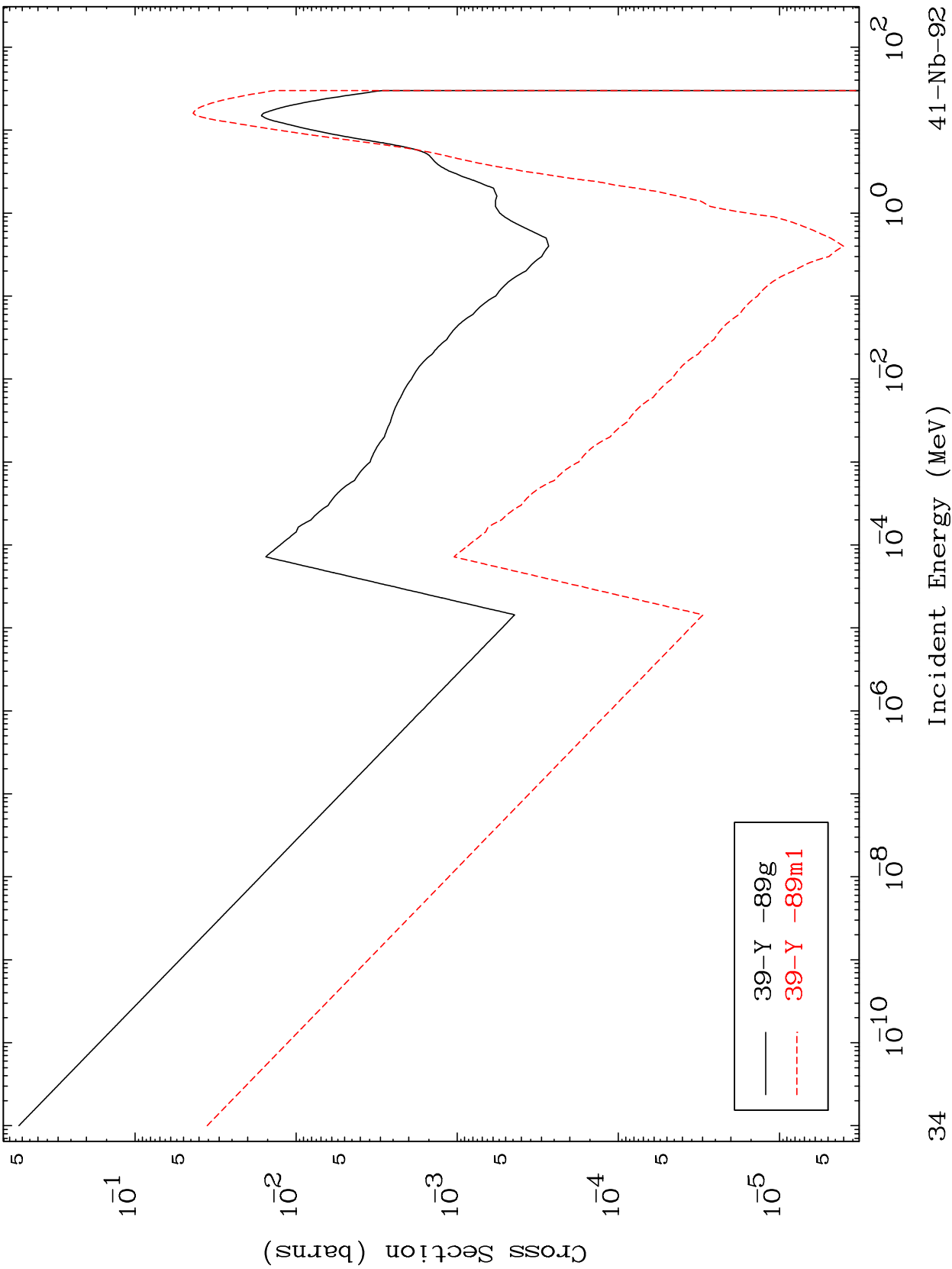
(n,He-3)  
Radionuclide Production Cross Section



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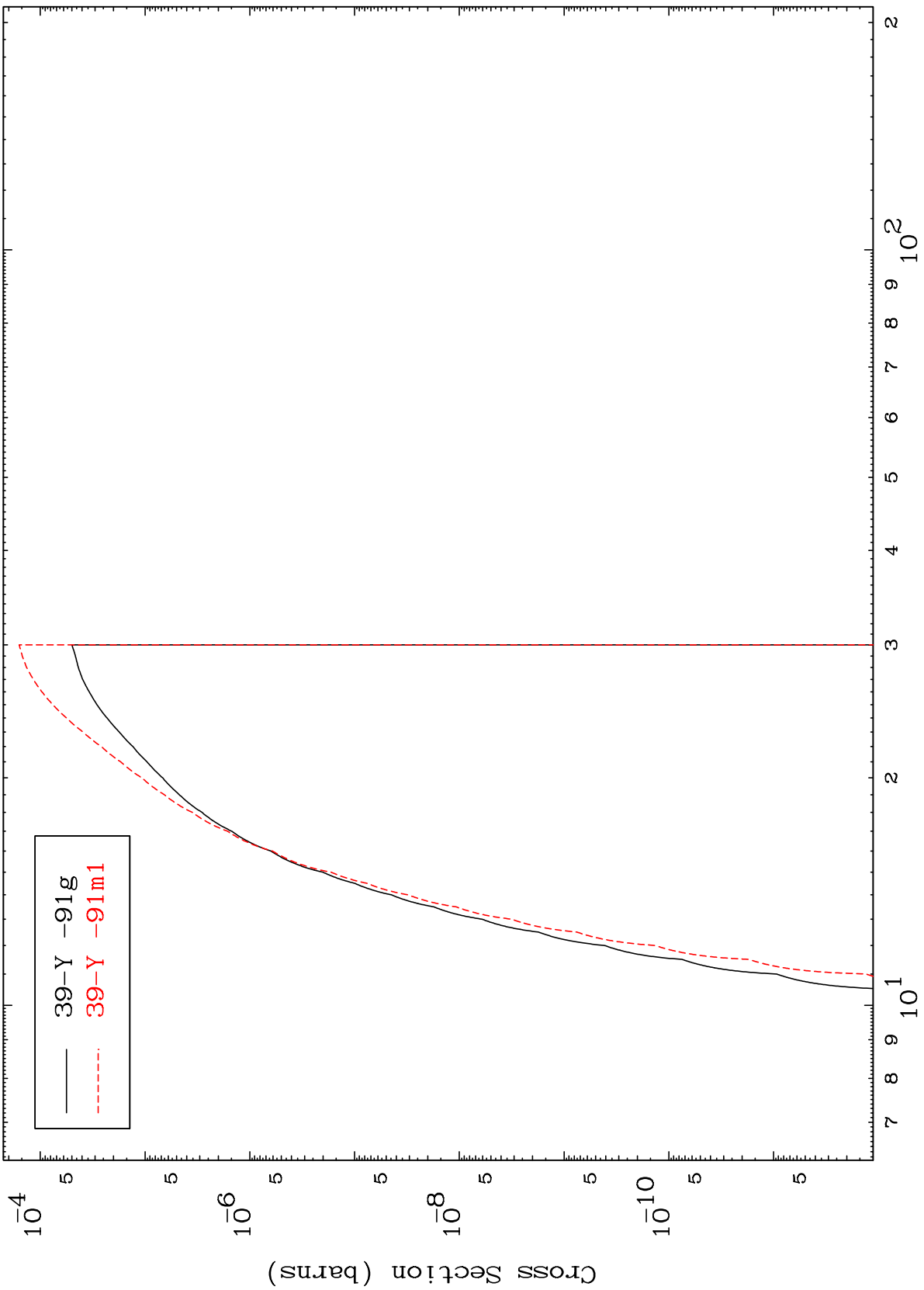
41-Nb-92

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

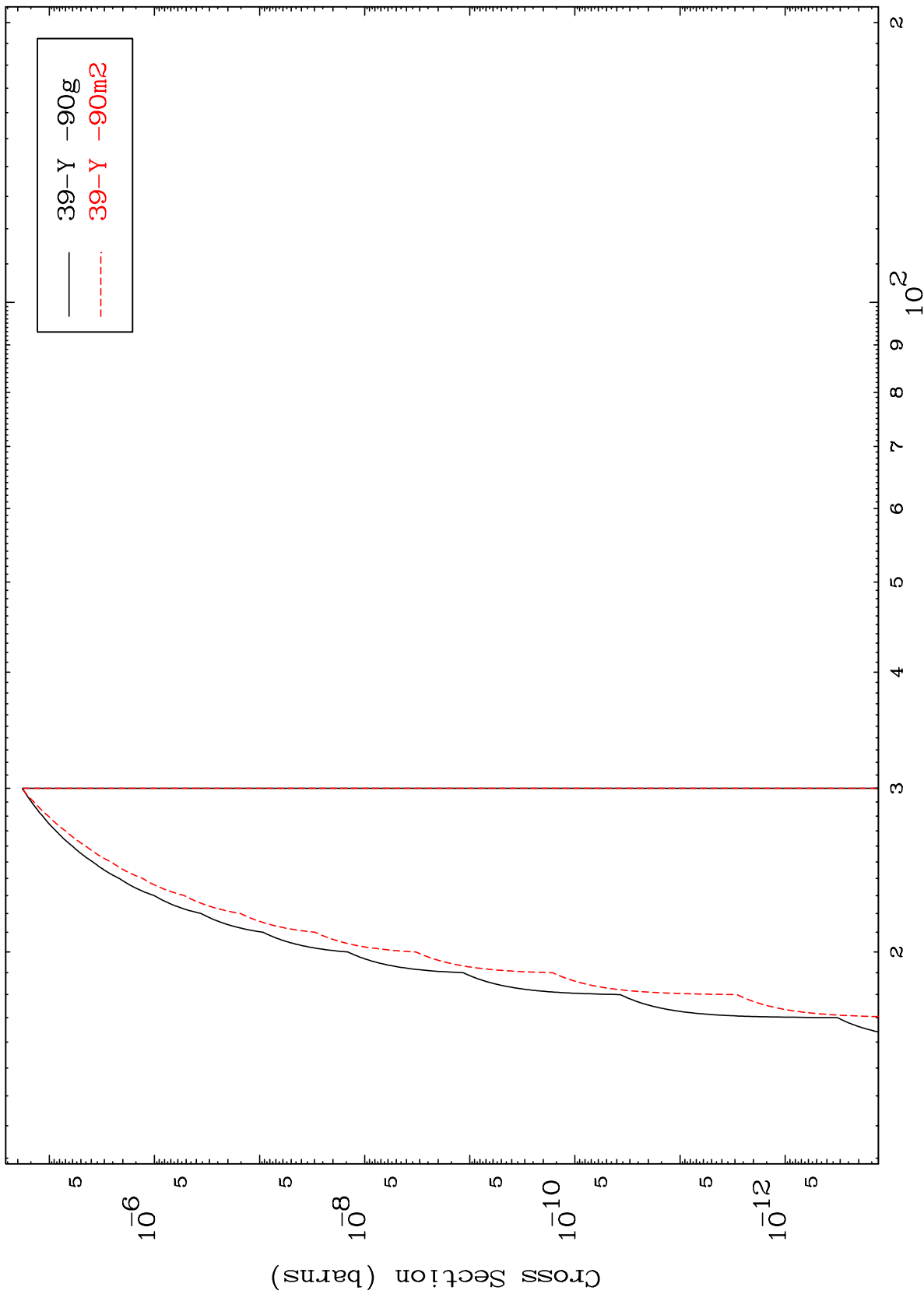


— 39-Y -89g  
- - - 39-Y -89m1

(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

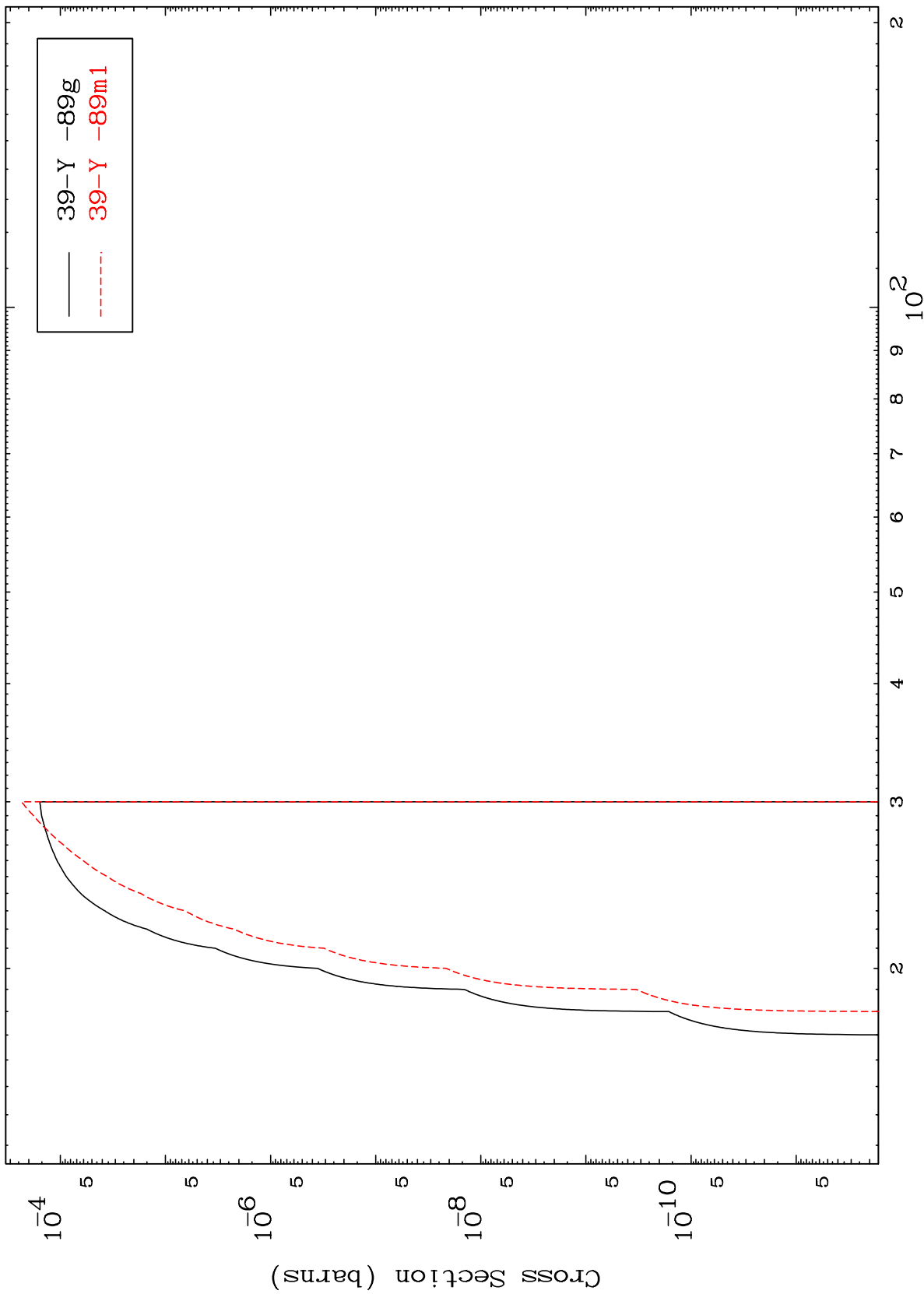


MAT 4123

(n,p) t

41-Nb-92

Radionuclide Production Cross Section



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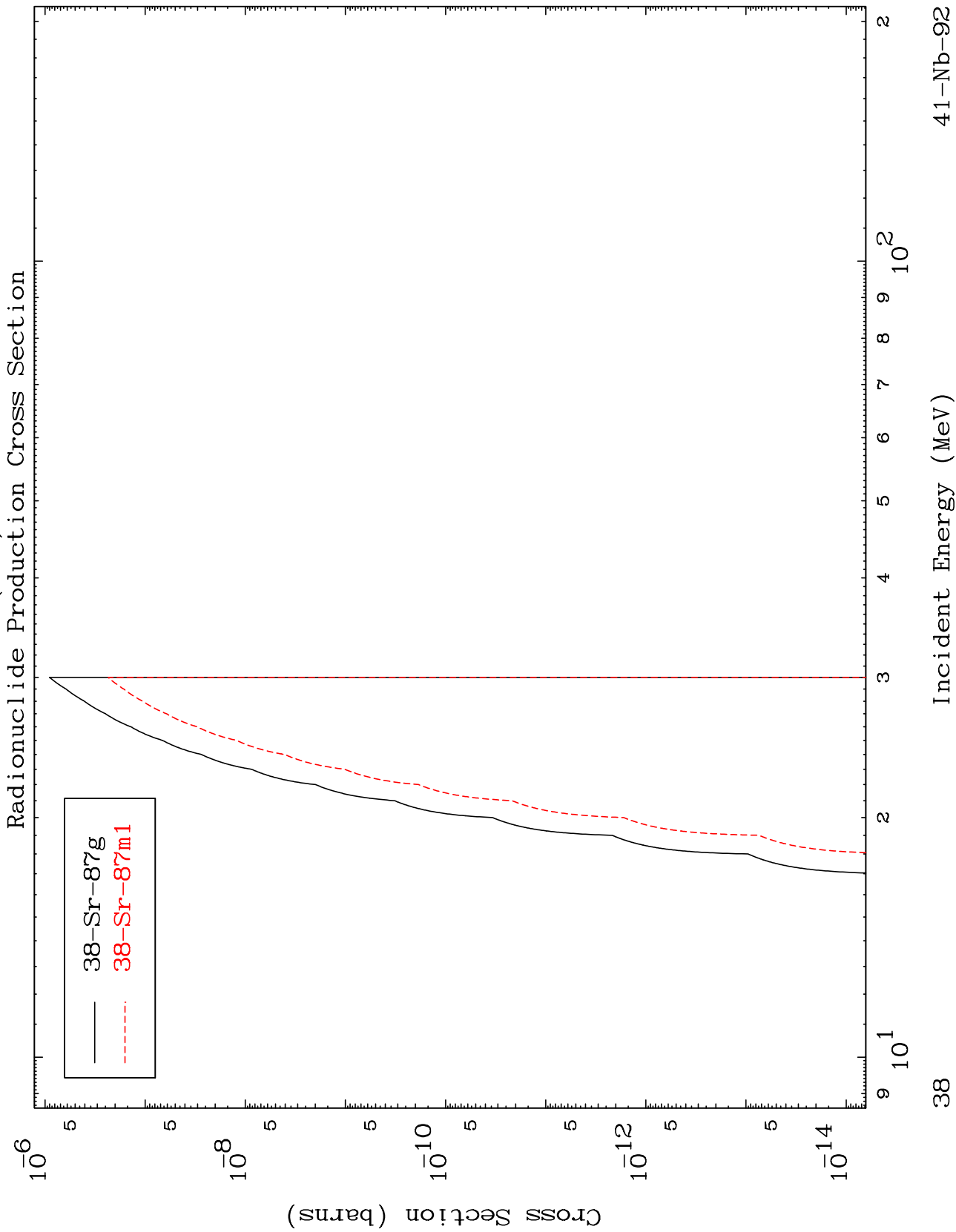
Incident Energy (MeV)

41-Nb-92

MAT 4123

(n,d)  $\alpha$

41-Nb-92



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Incident Energy (MeV)

41-Nb-92