

Program EVALPLOT
(Version 2021-1)

by

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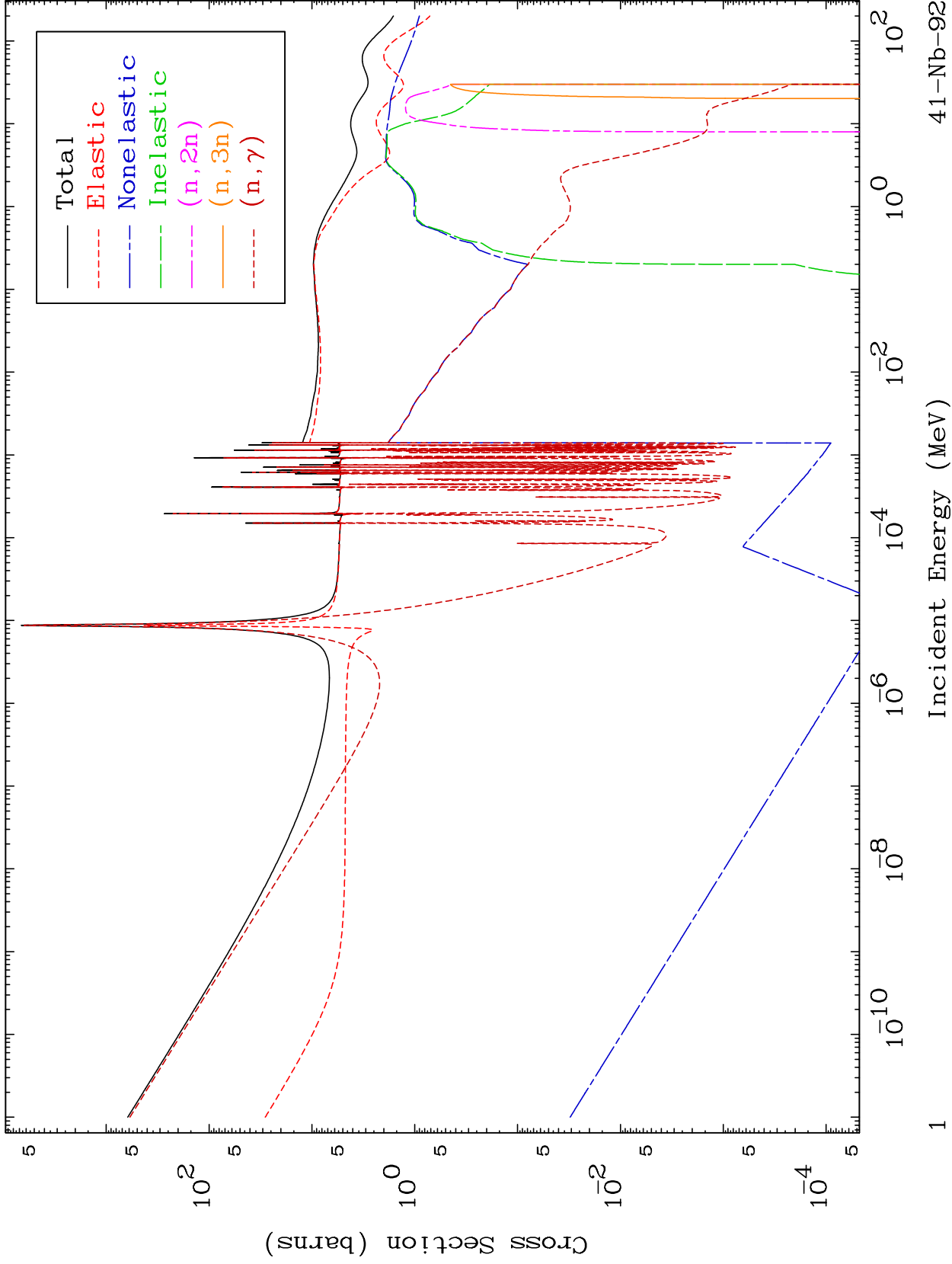
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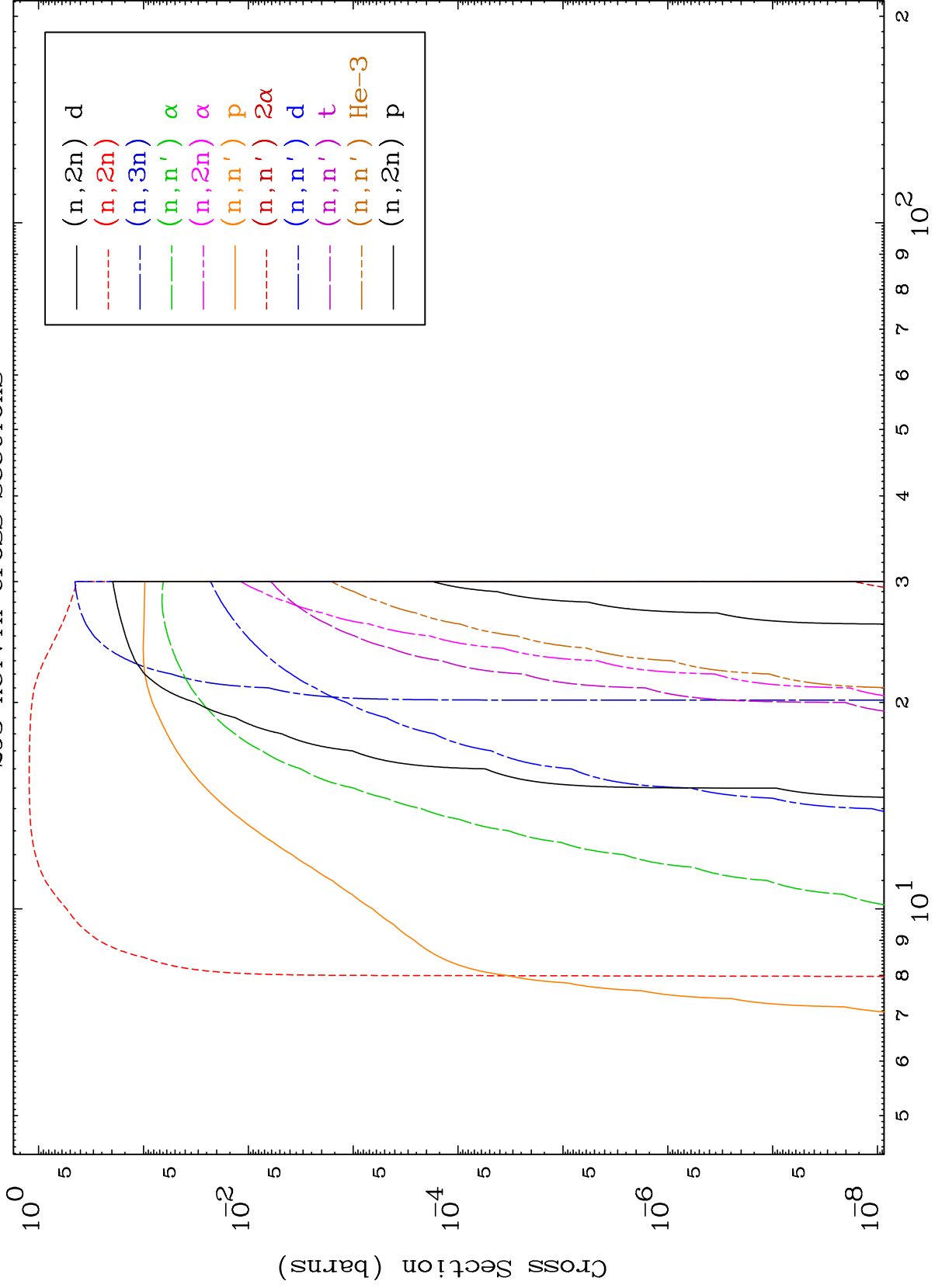
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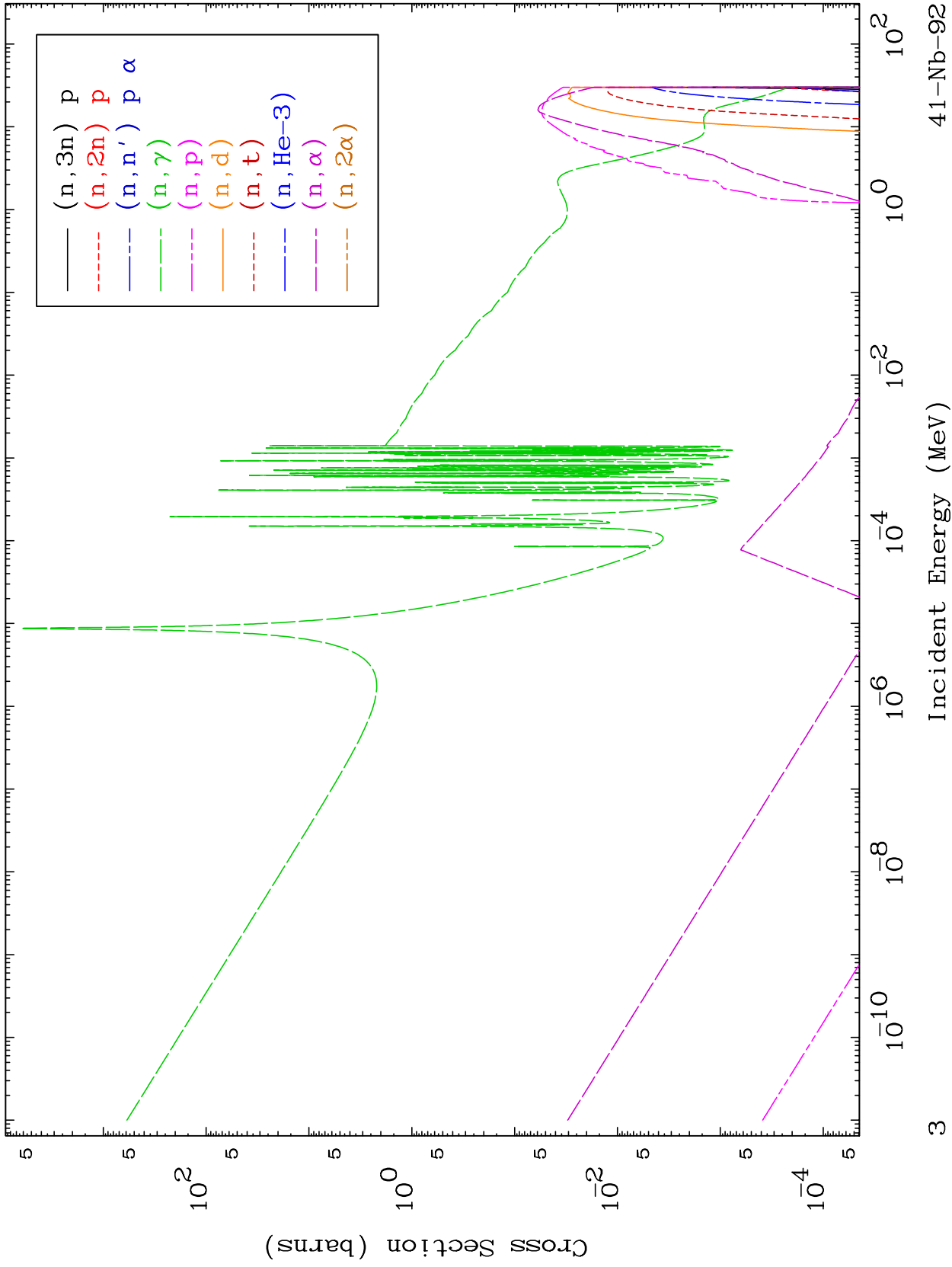
MAT 4122

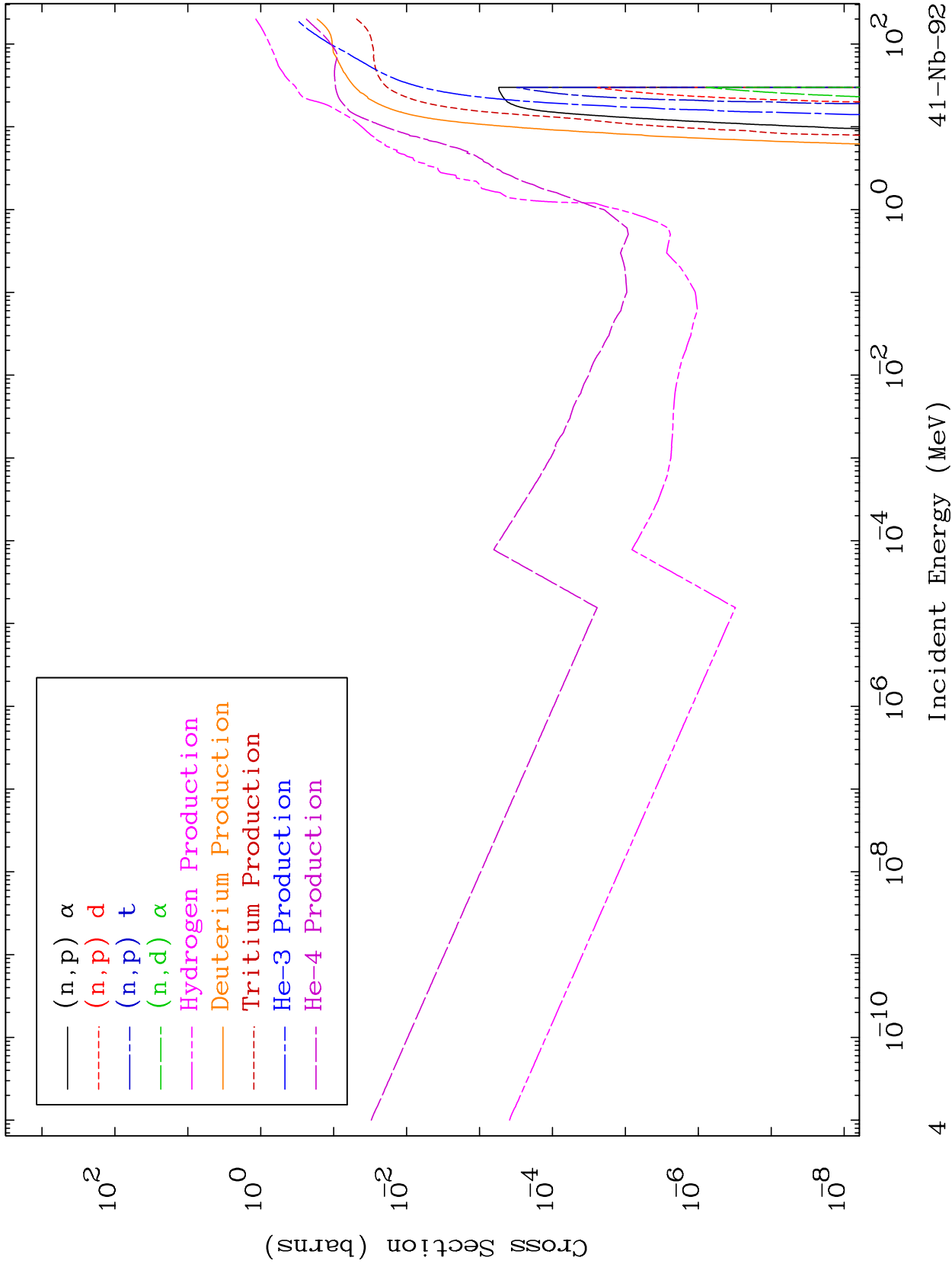
Neutron Major
293 Kelvin Cross Sections

41-Nb-92





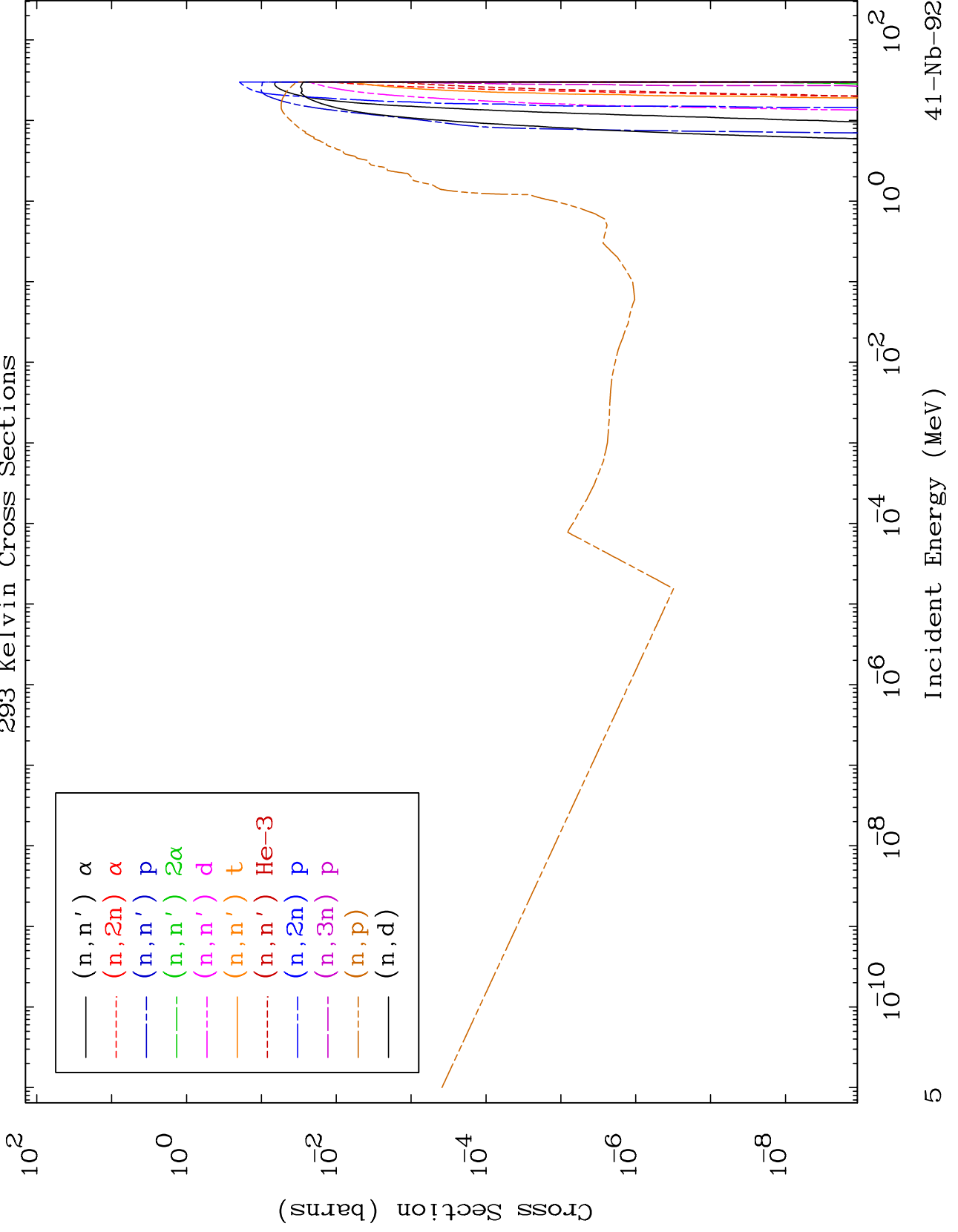




MAT 4122

Charged Particle
293 Kelvin Cross Sections

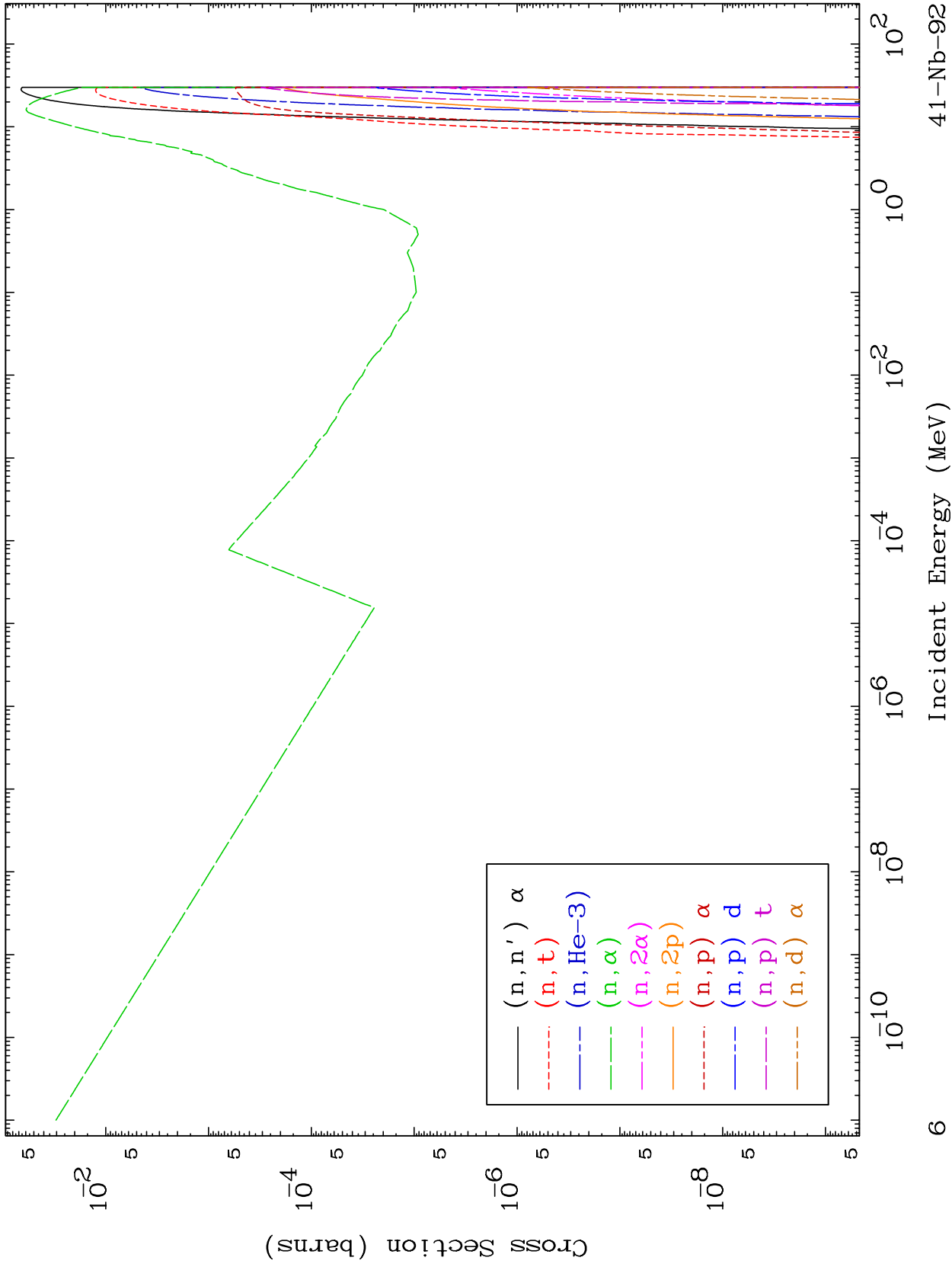
41-Nb-92



MAT 4122

Charged Particle
293 Kelvin Cross Sections

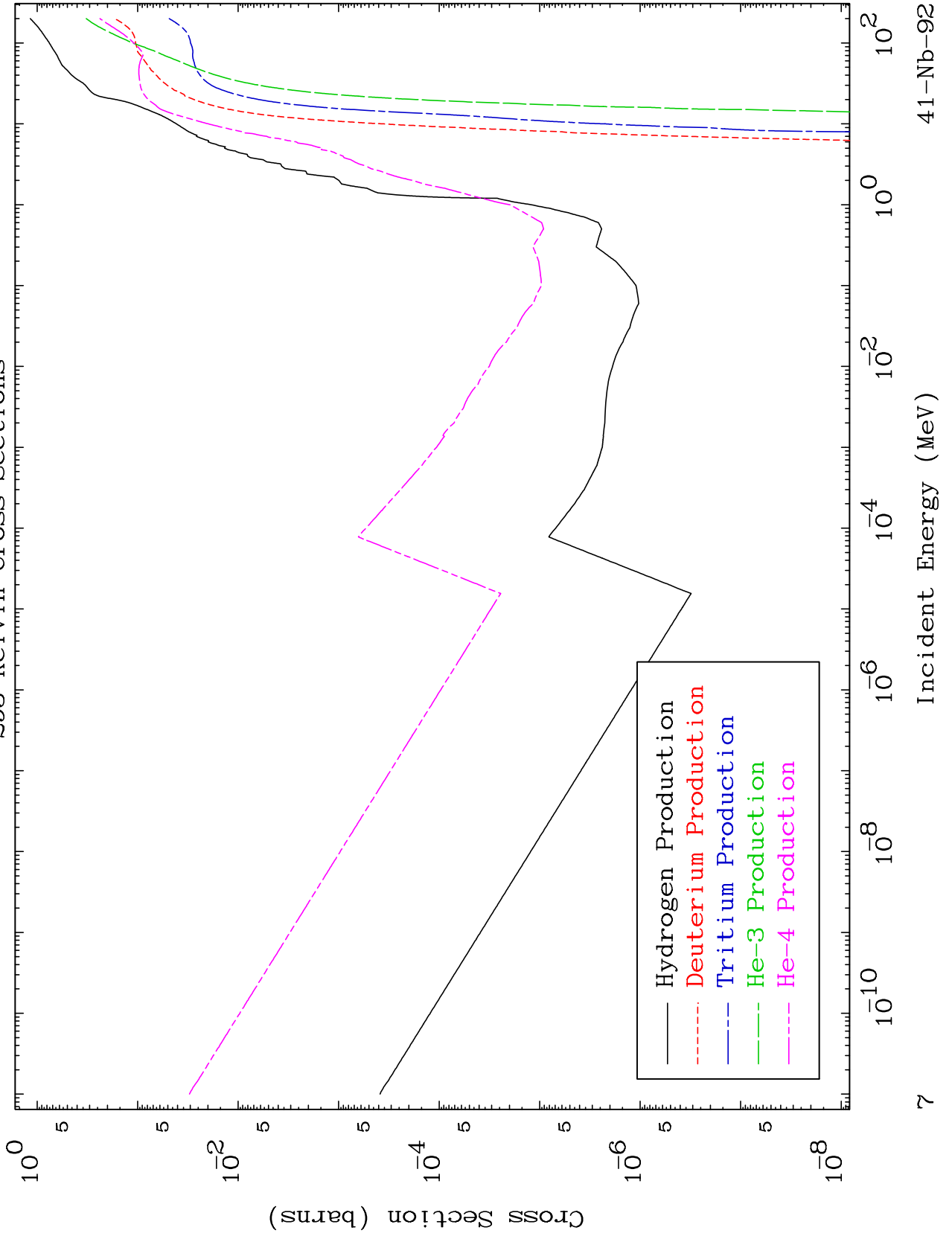
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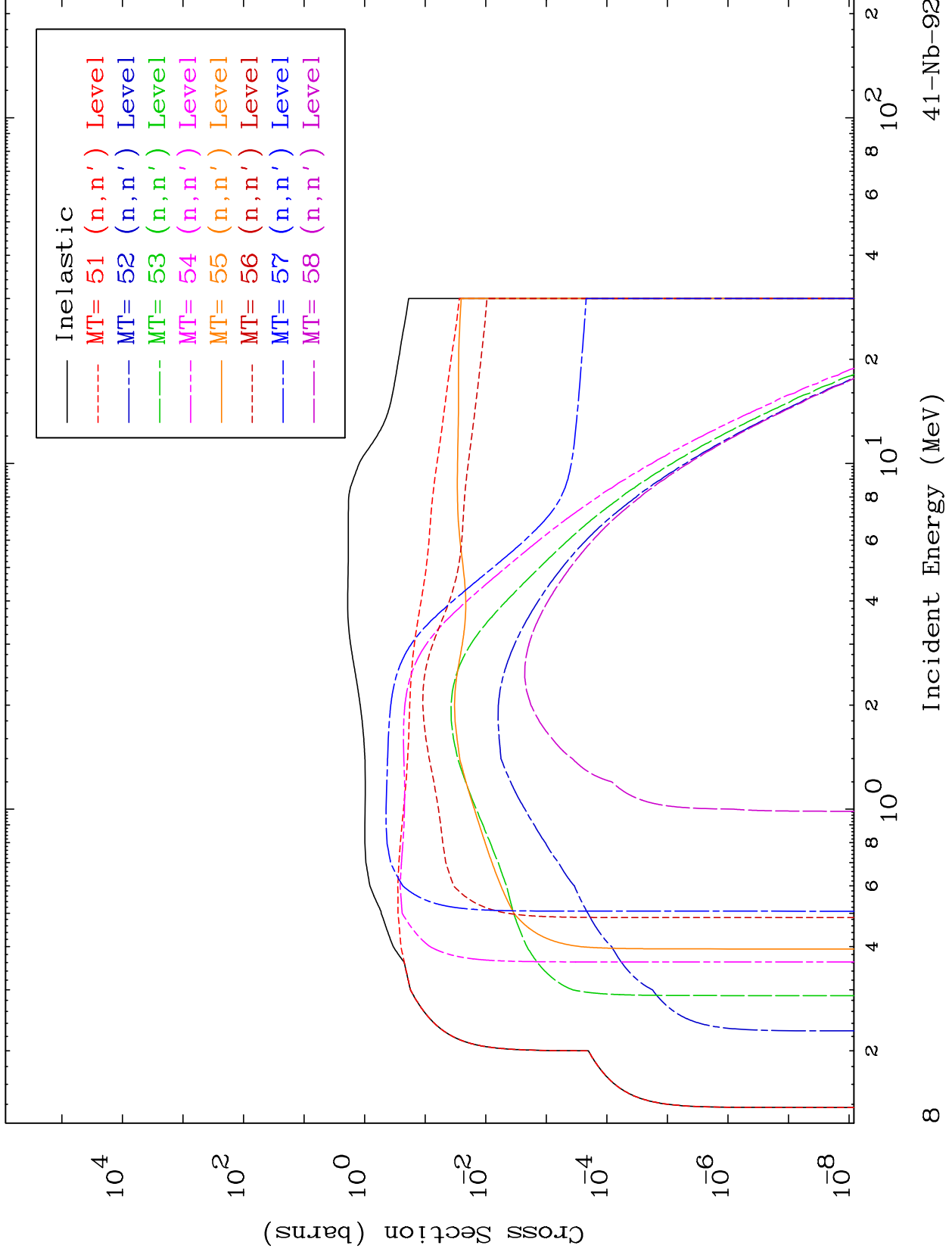


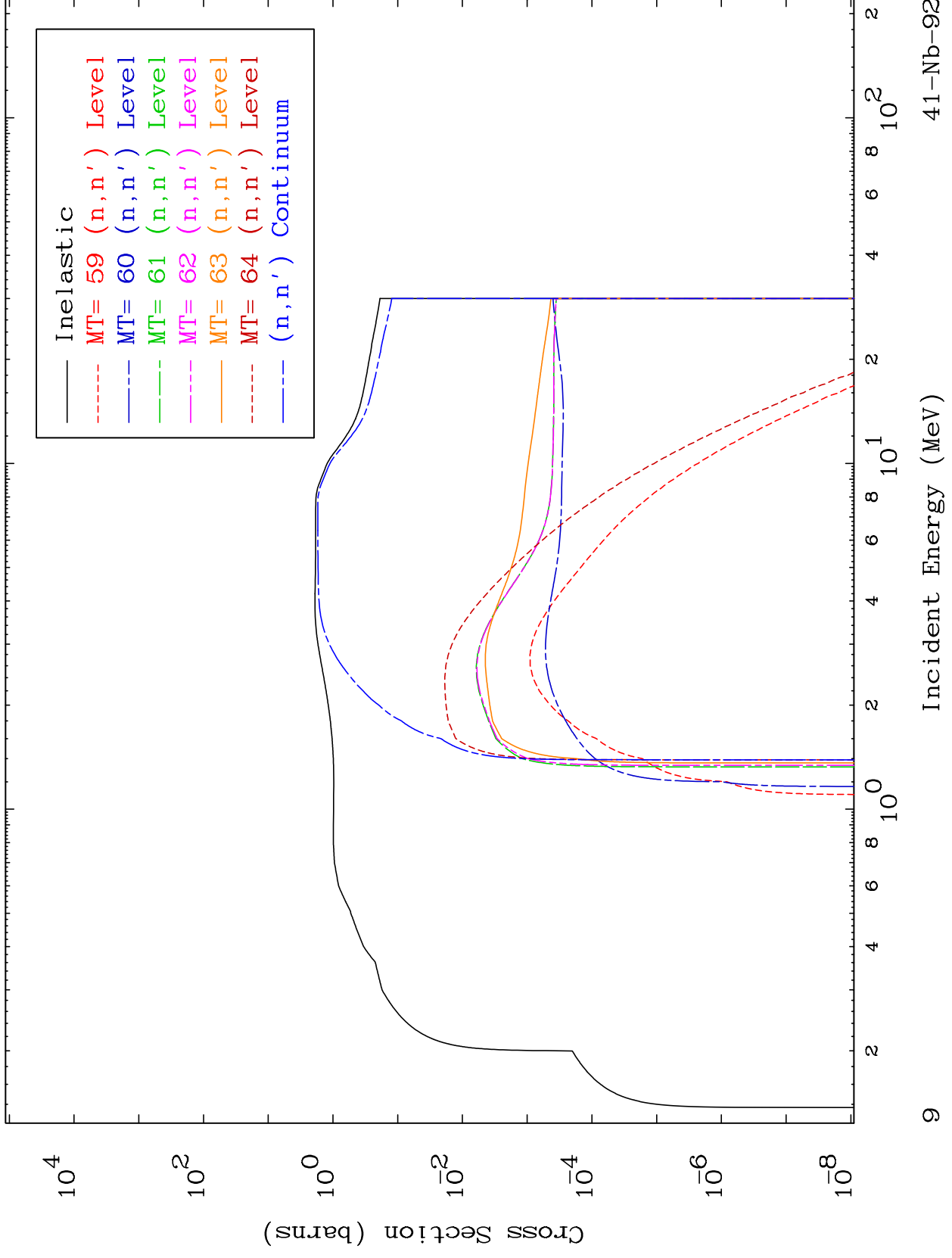
MAT 4122

Particle Production
293 Kelvin Cross Sections

41-Nb-92



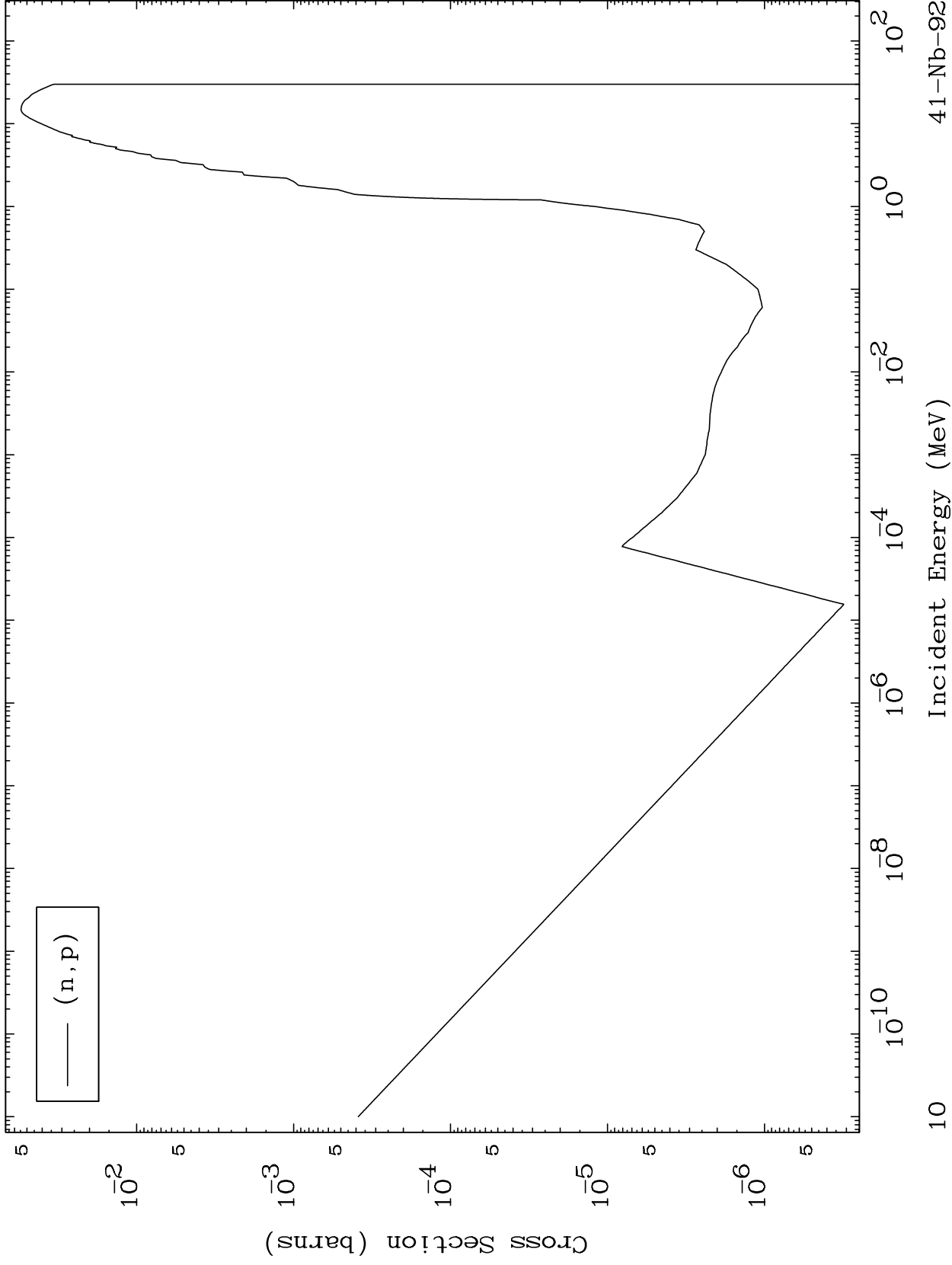




MAT 4122

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-92



10

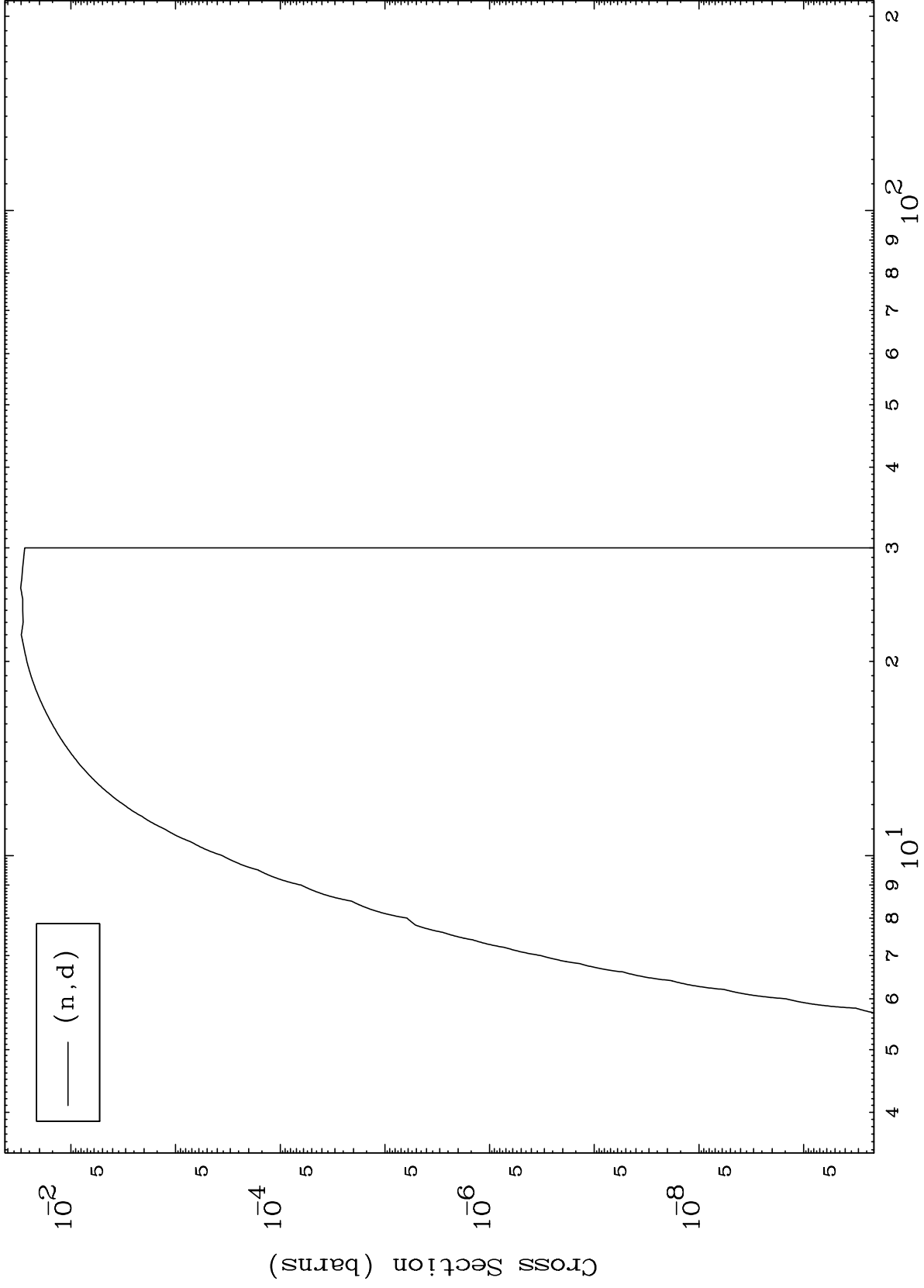
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-92



11

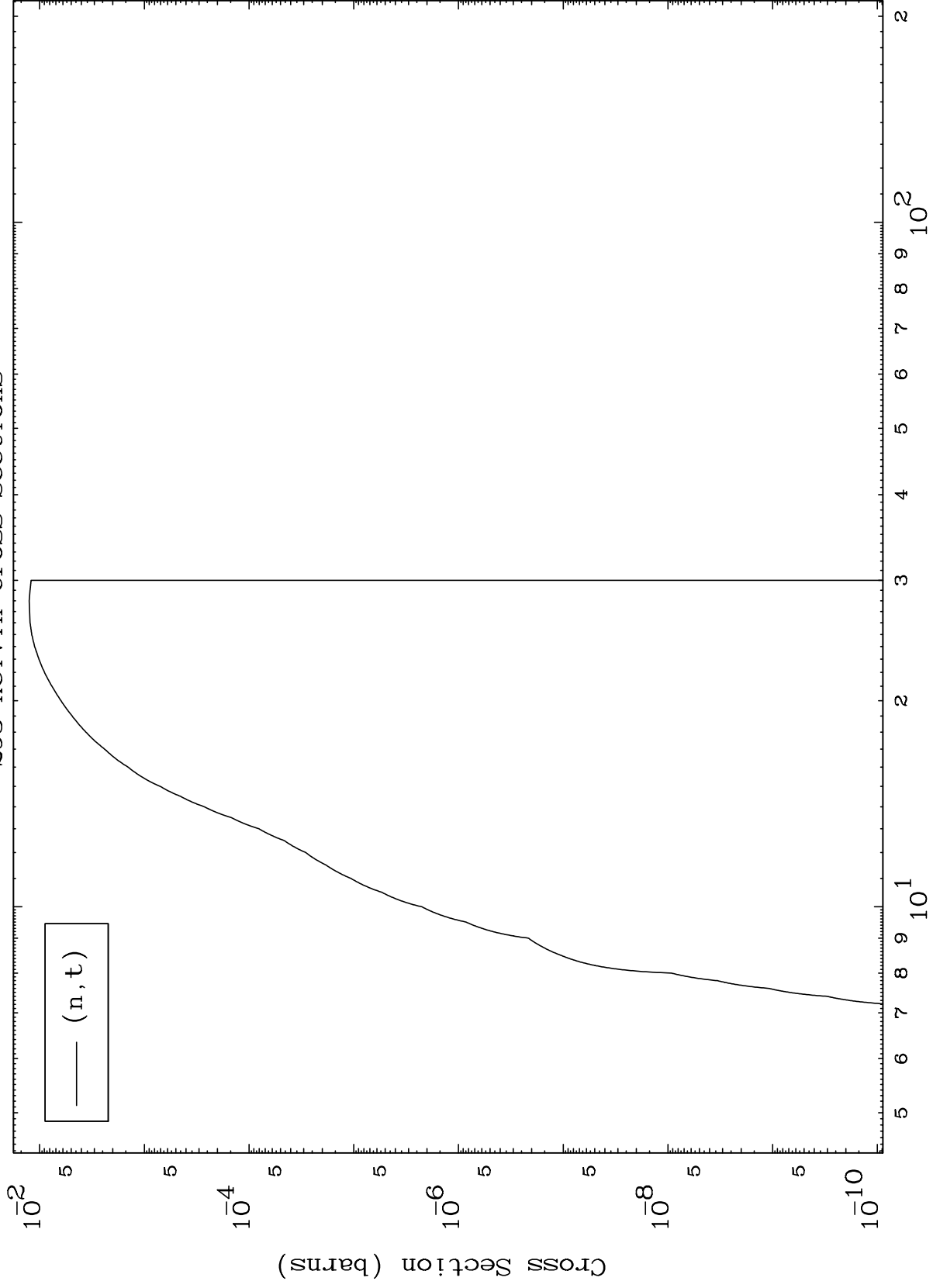
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-92

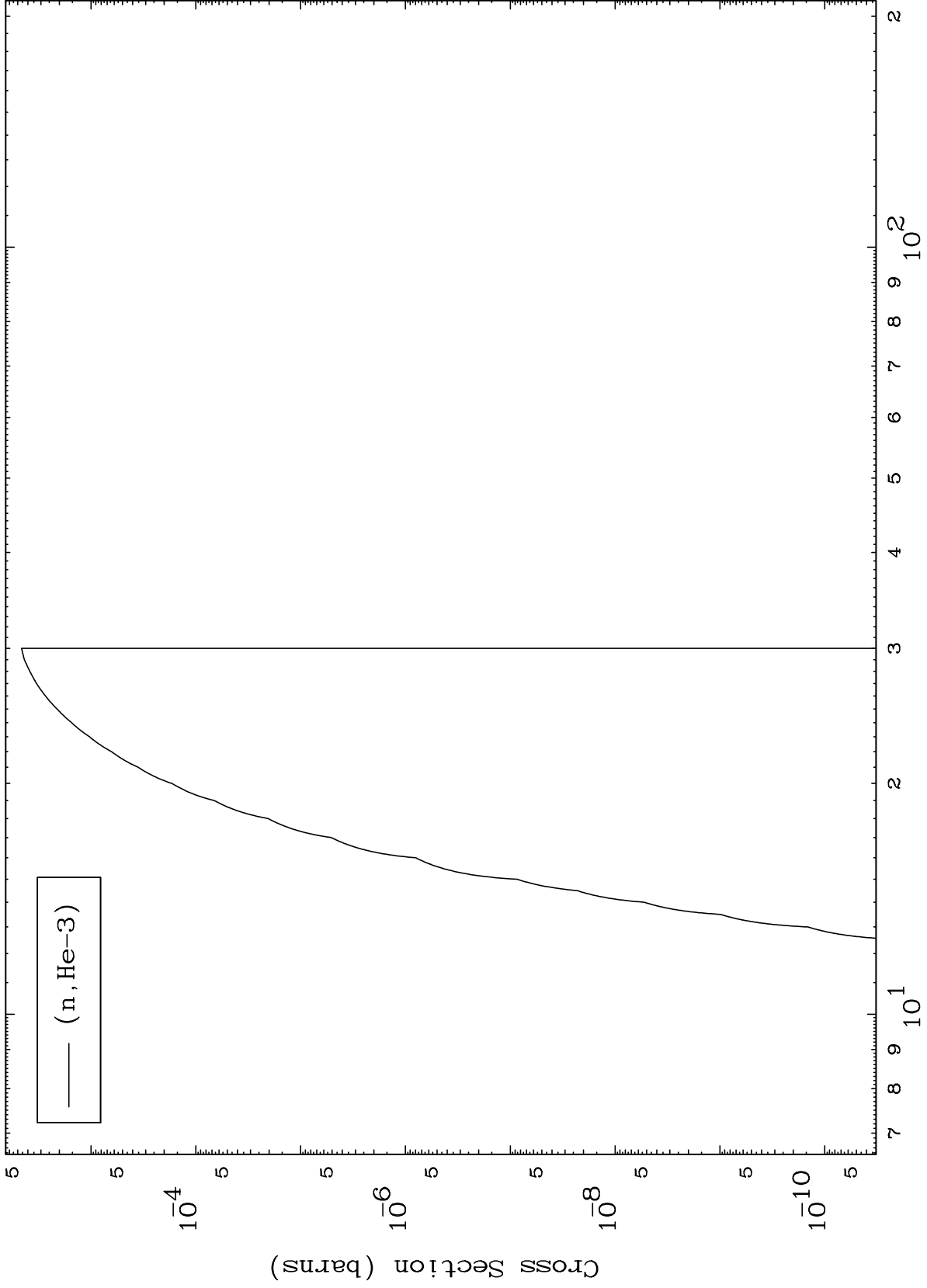


(n,t)

Incident Energy (MeV)

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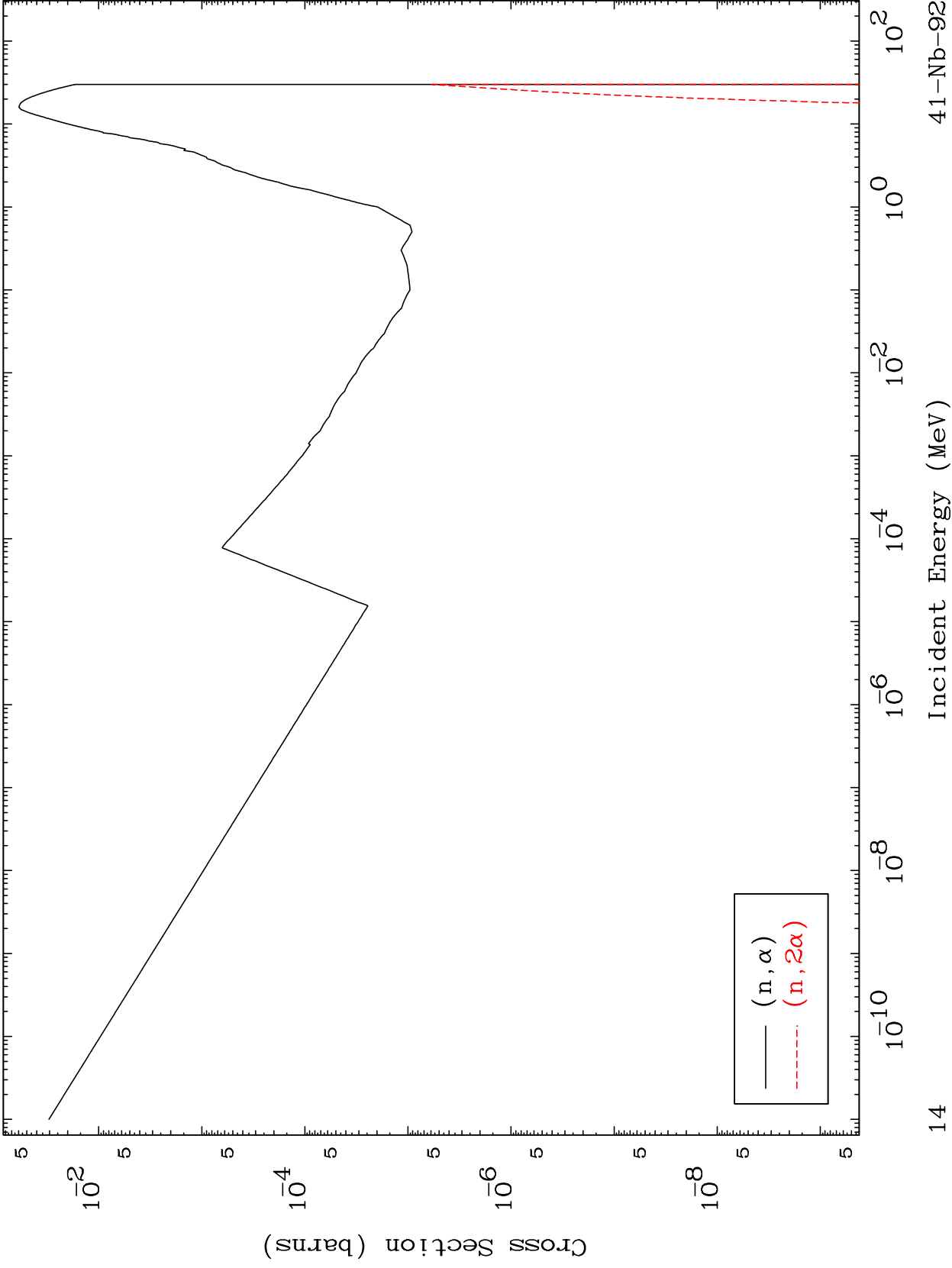
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MAT 4122

(n,α) Levels
293 Kelvin Cross Sections

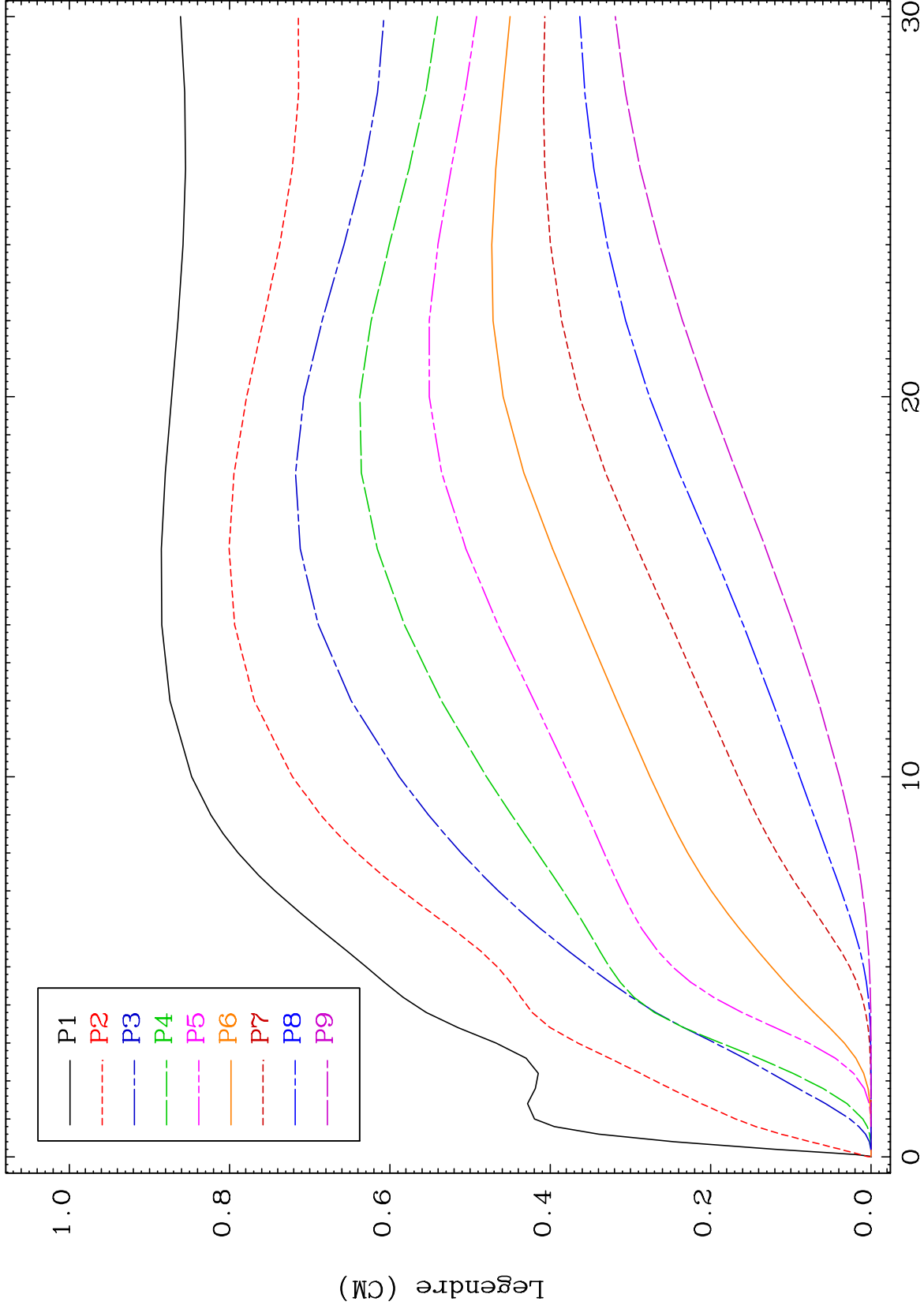
41-Nb-92



MAT 4122

Elastic Legendre Coefficients

41-Nb-92



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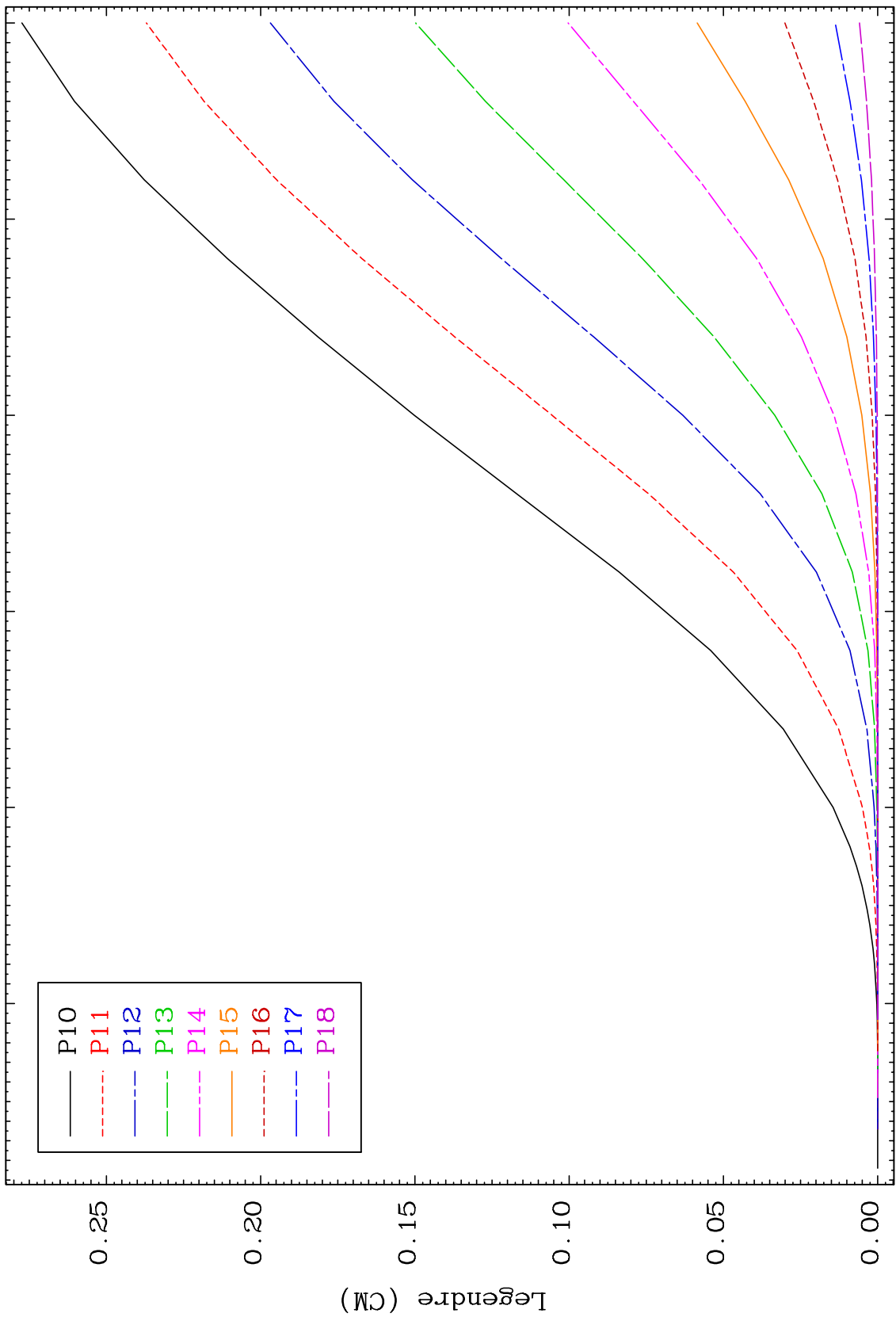
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



16

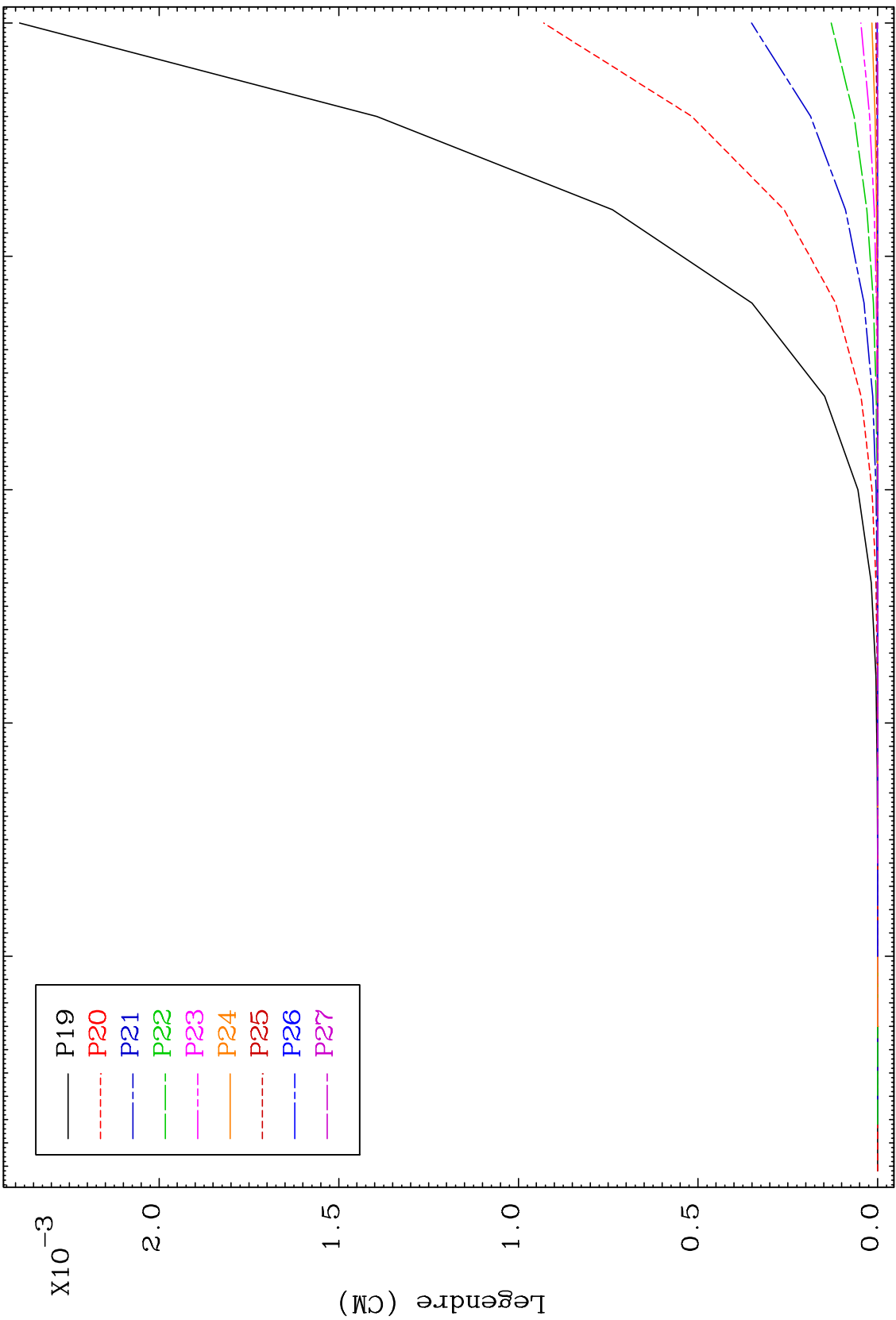
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



17

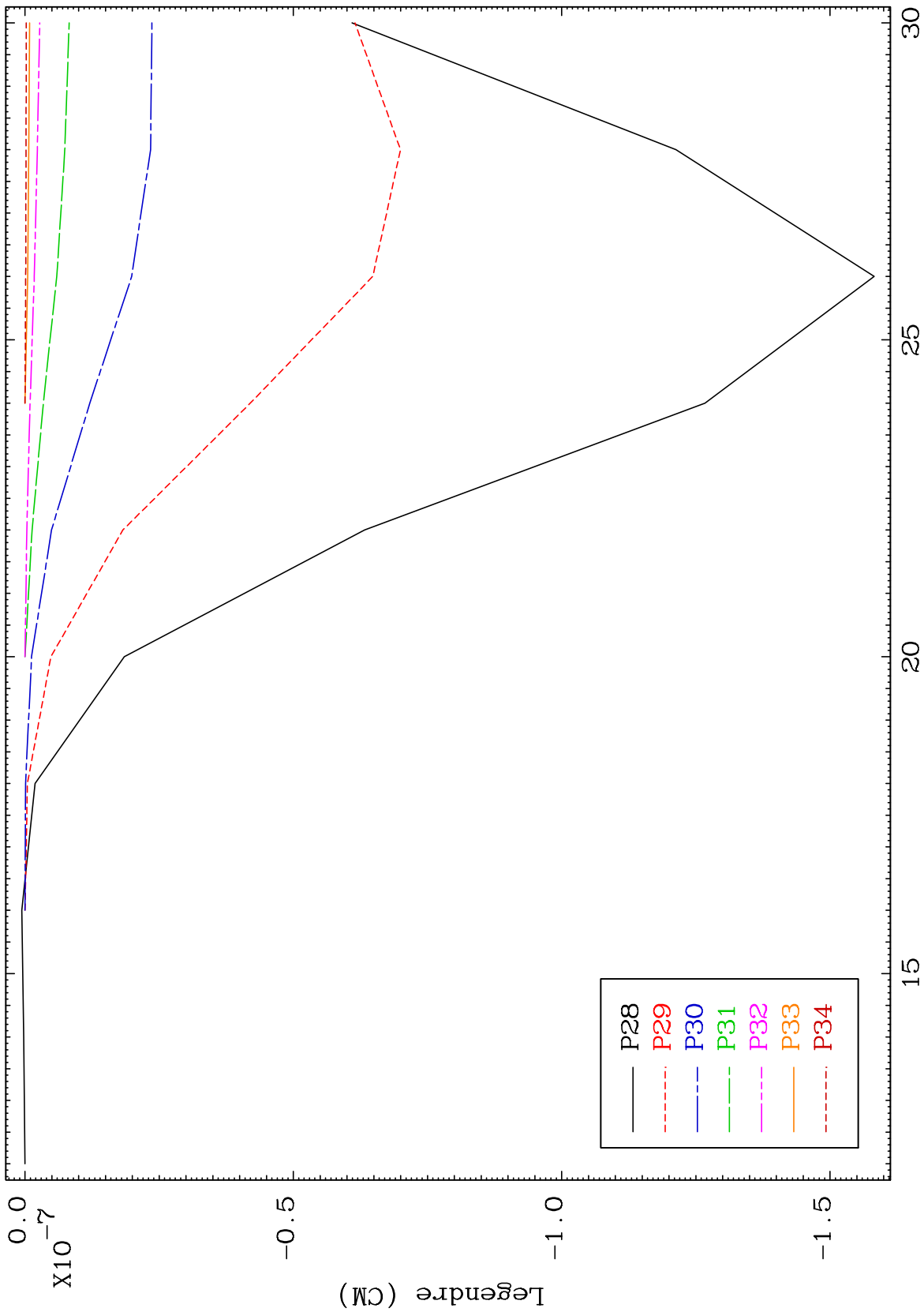
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

Elastic Legendre Coefficients



18

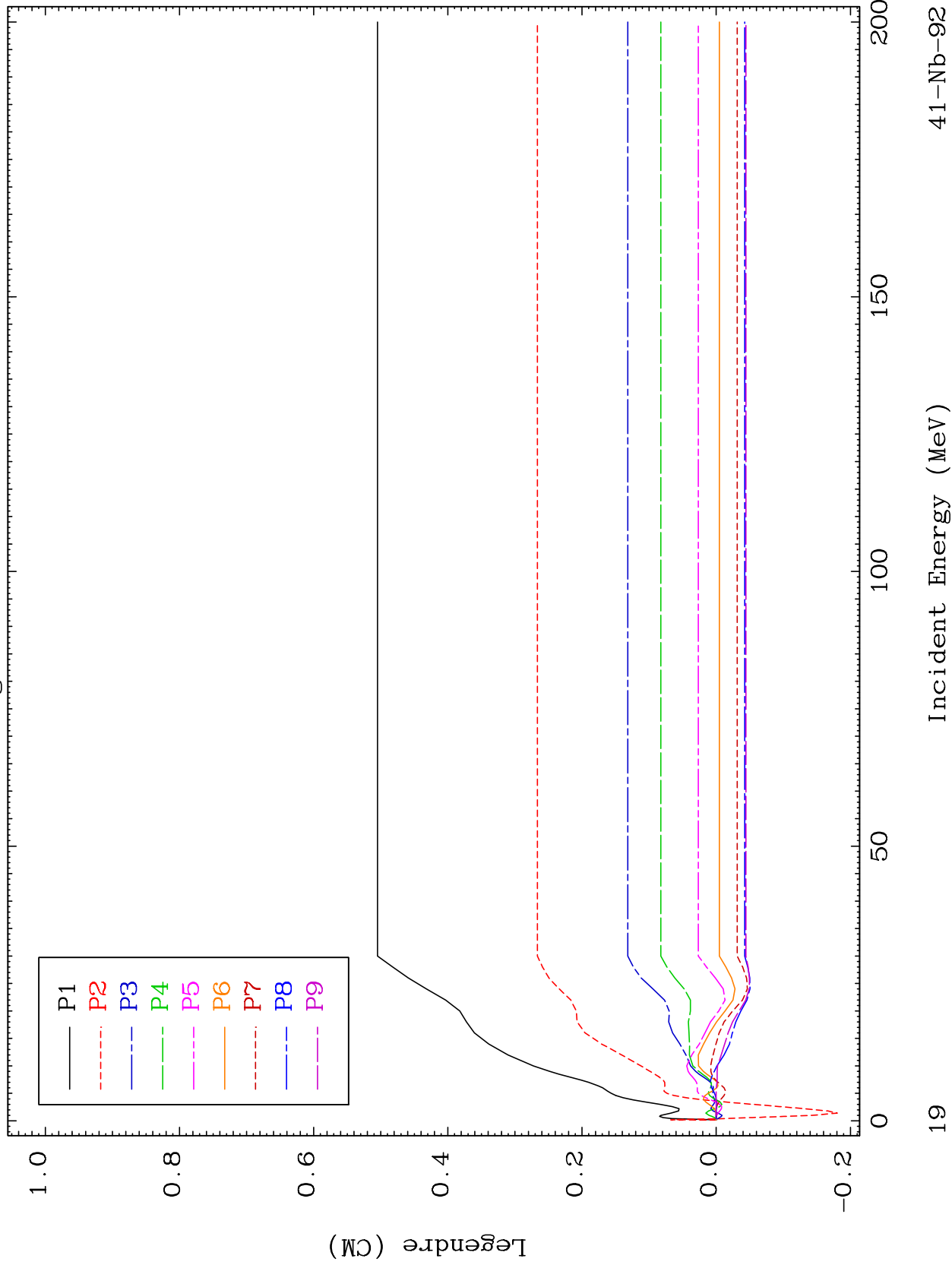
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 51 (n,n') Level
Legendre Coefficients

41-Nb-92



19

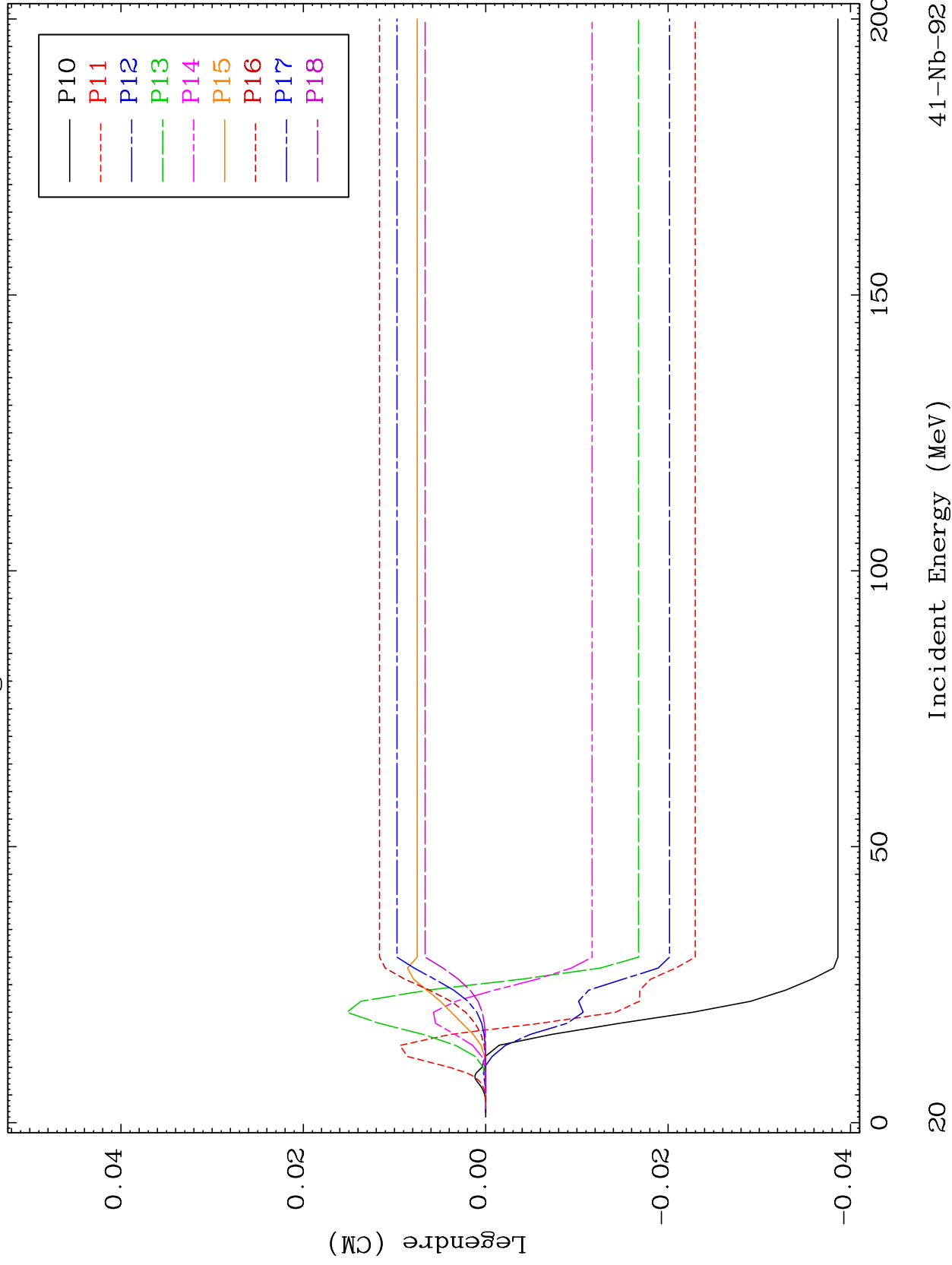
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 51 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

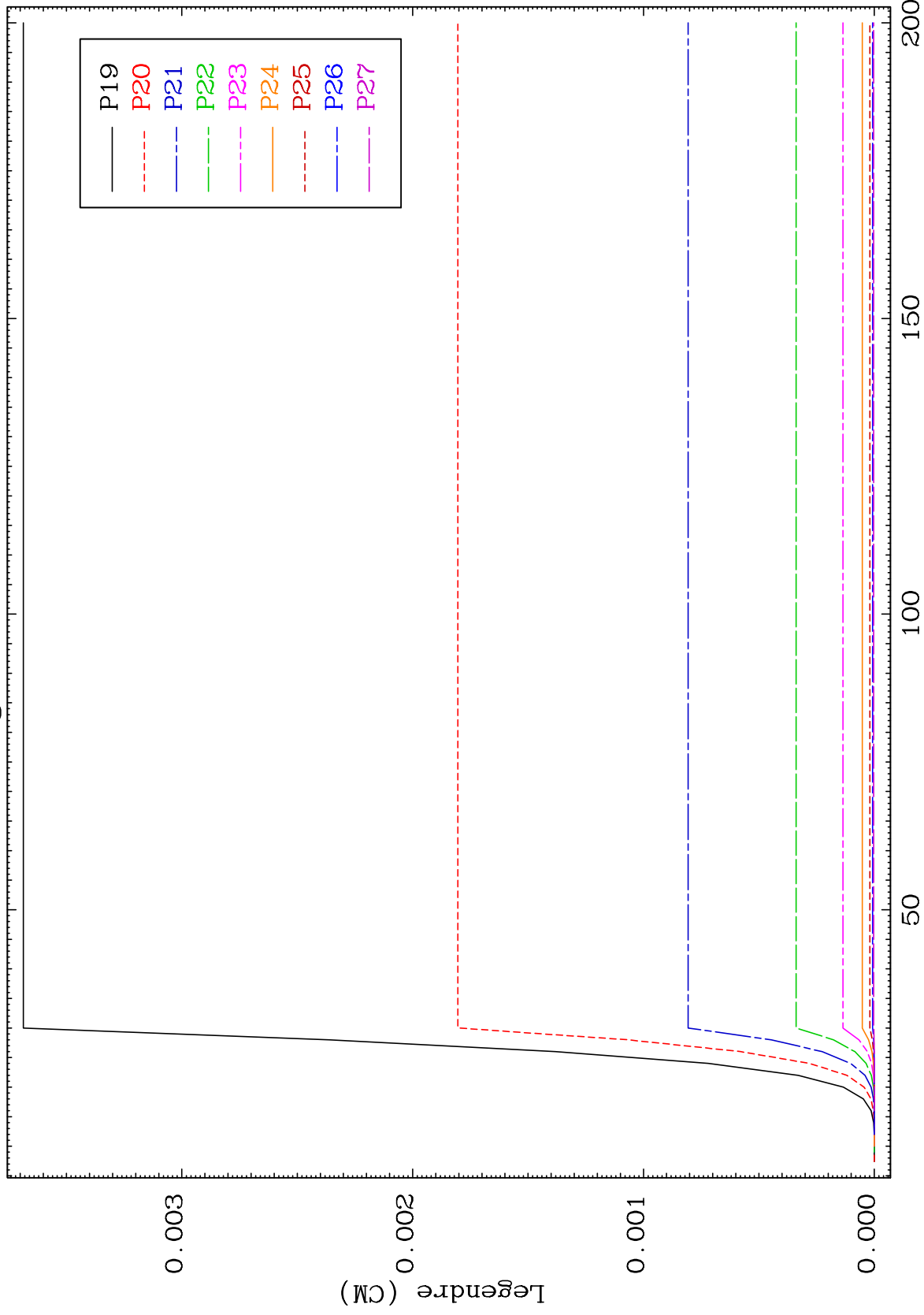
Incident Energy (MeV)

0

MAT 4122

MT= 51 (n,n') Level
Legendre Coefficients

41-Nb-92



21

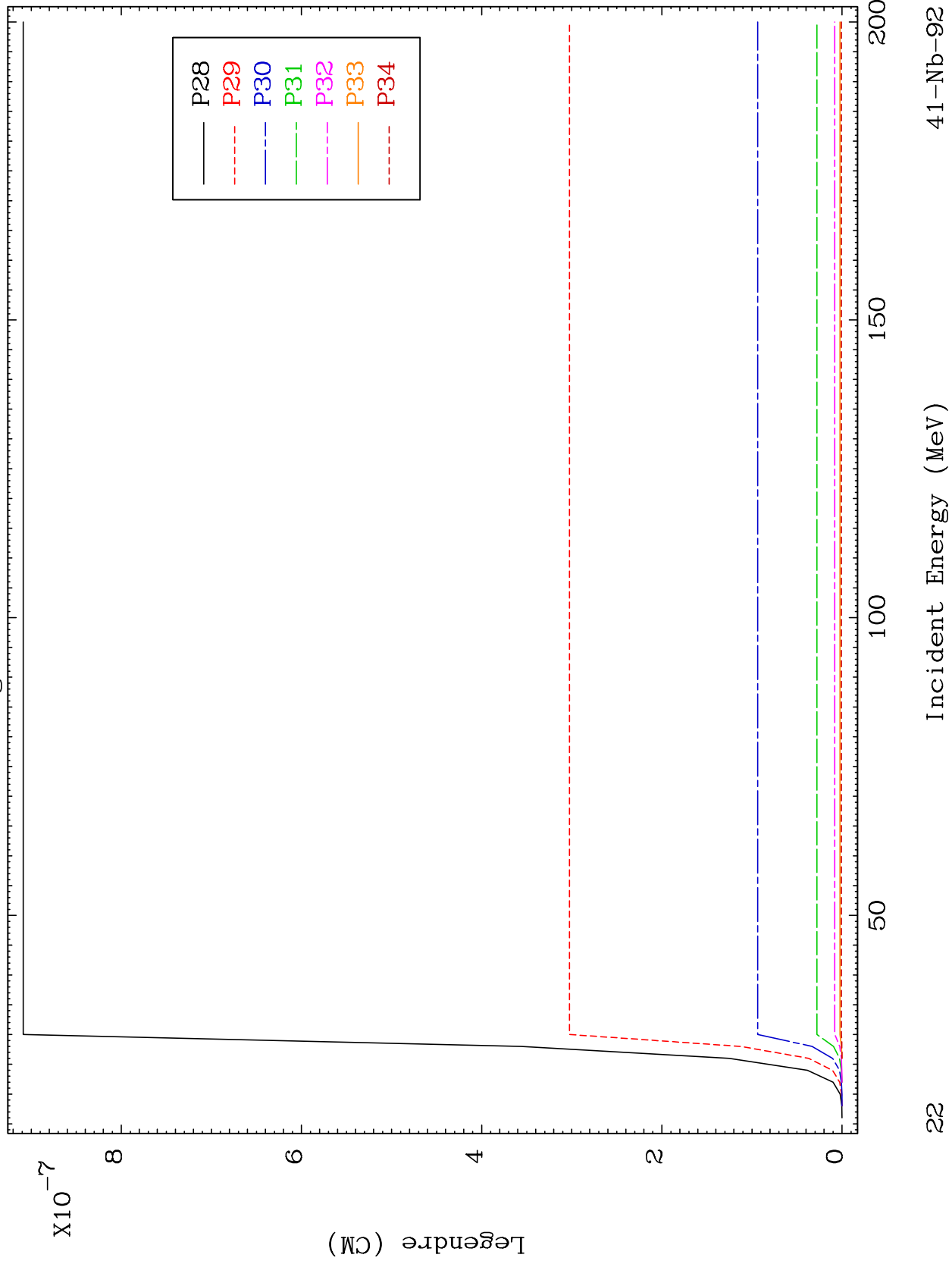
Incident Energy (MeV)

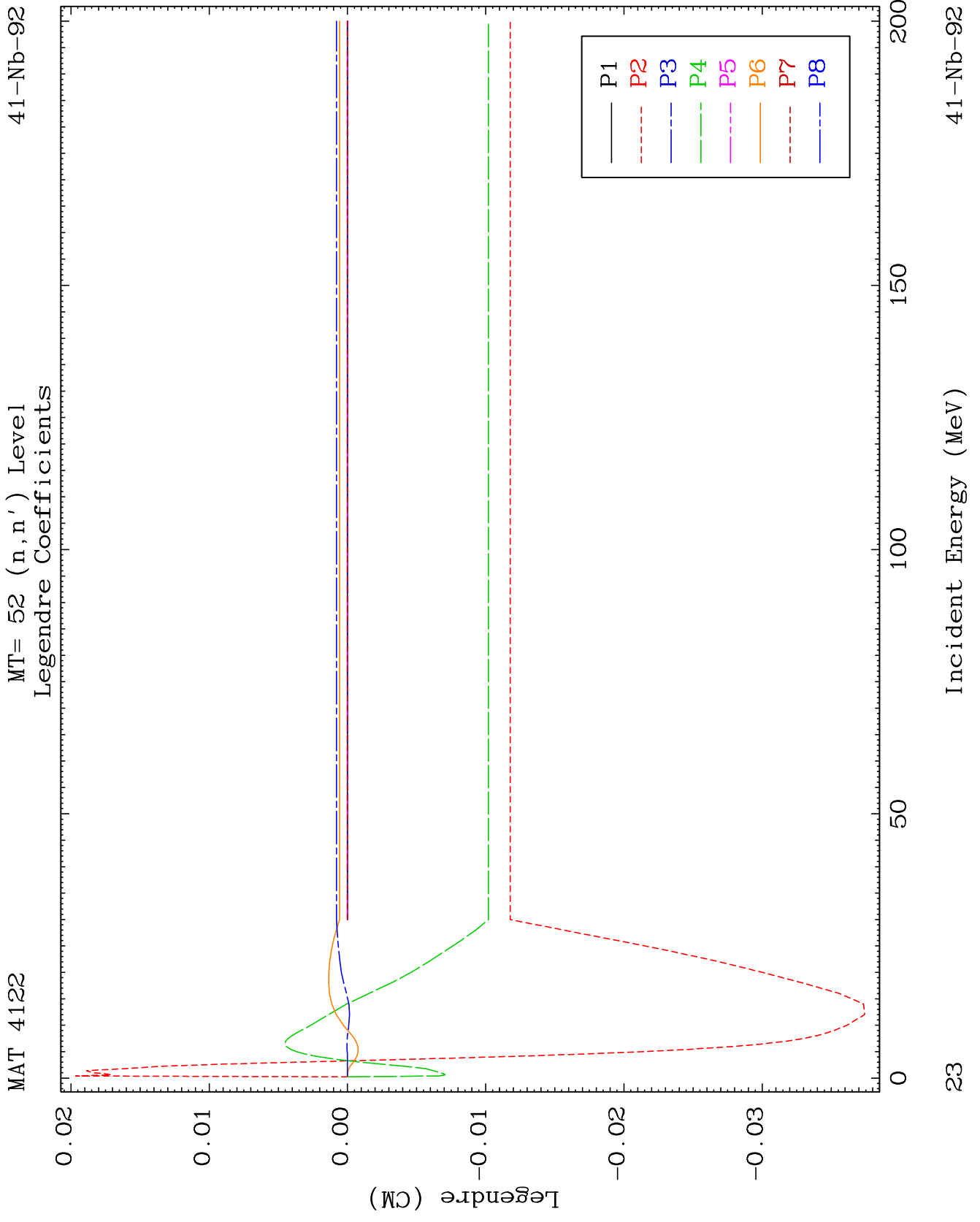
41-Nb-92

MAT 4122

MT= 51 (n,n') Level
Legendre Coefficients

41-Nb-92

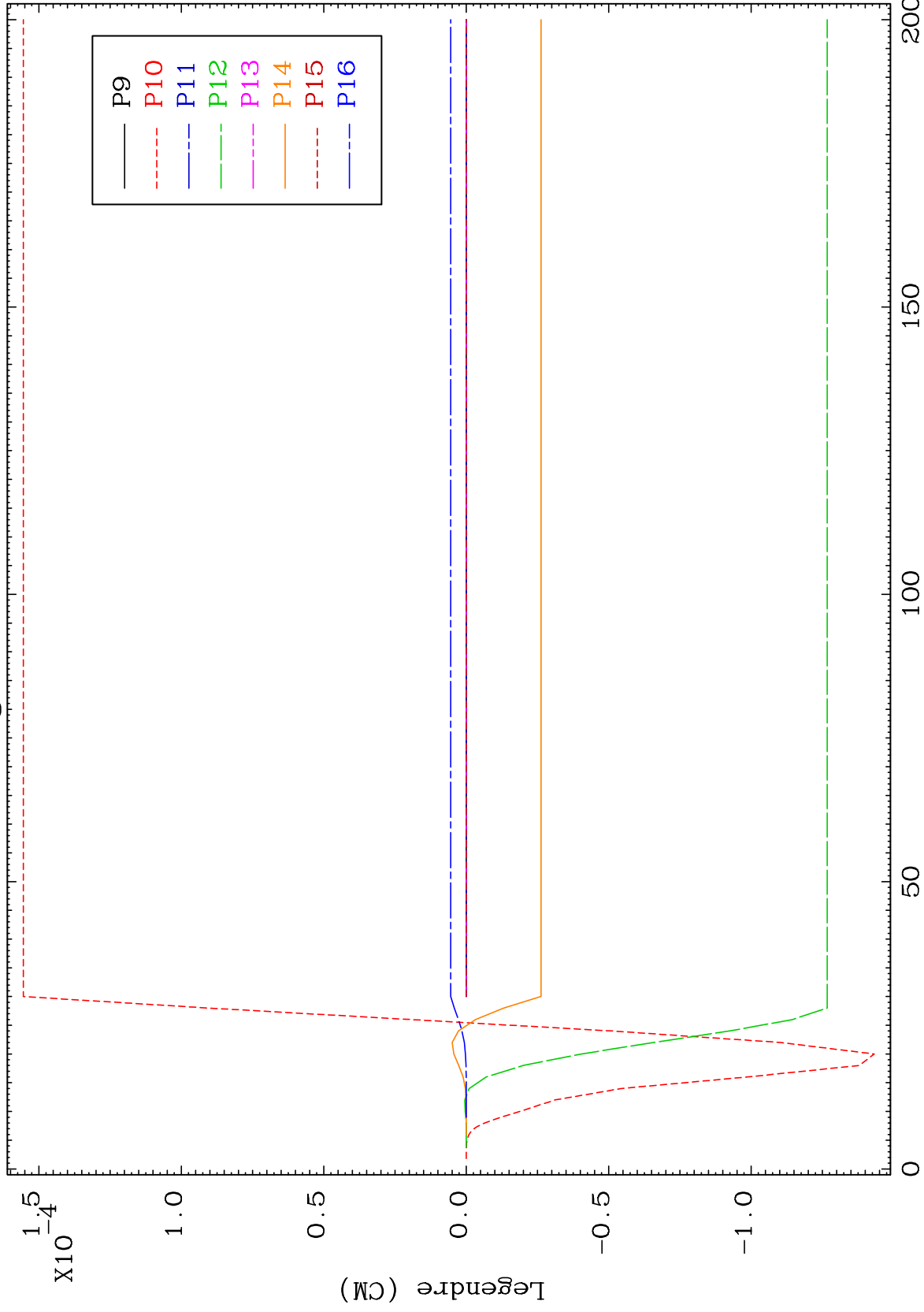




MAT 4122

MT= 52 (n,n') Level
Legendre Coefficients

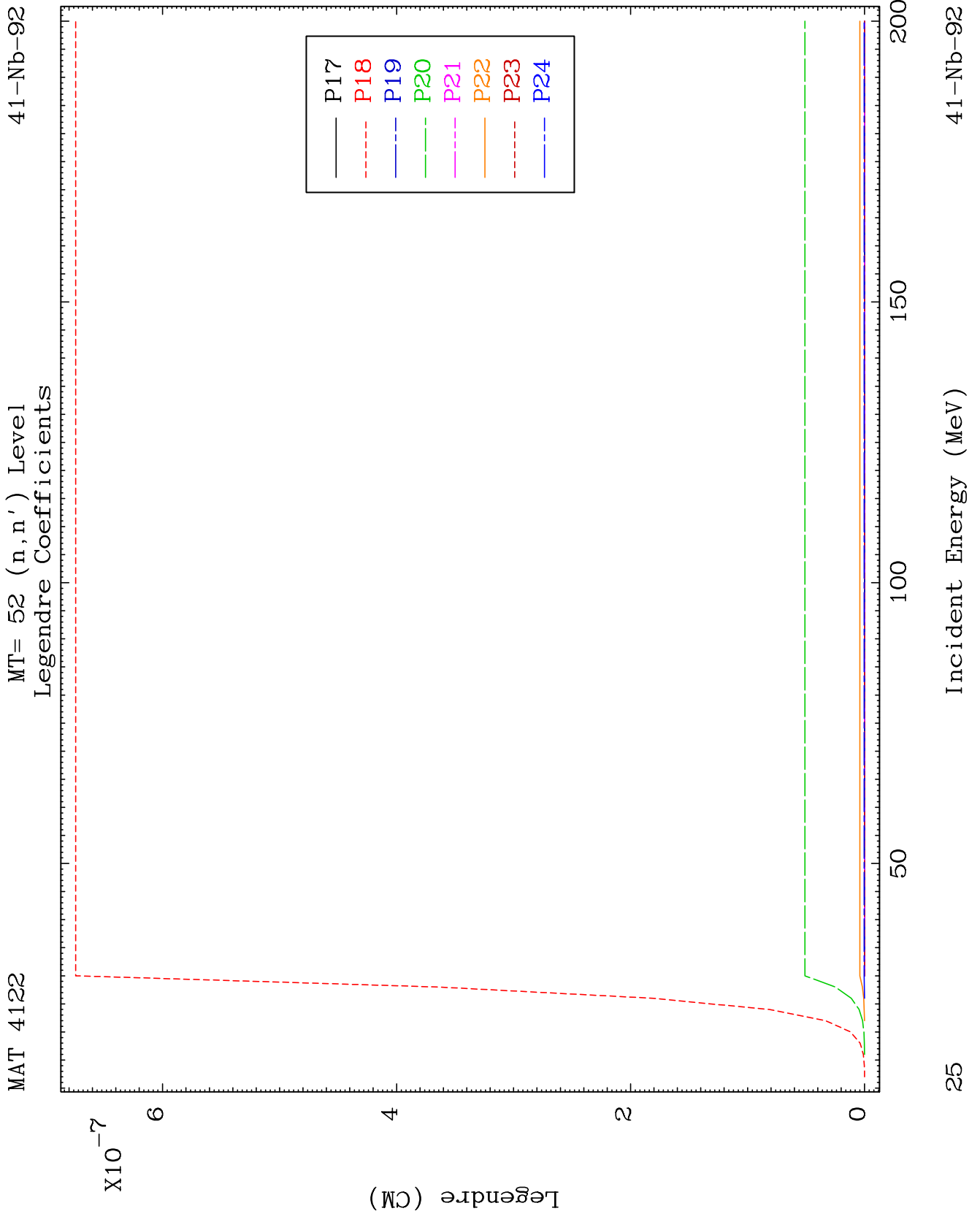
41-Nb-92



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Incident Energy (MeV)

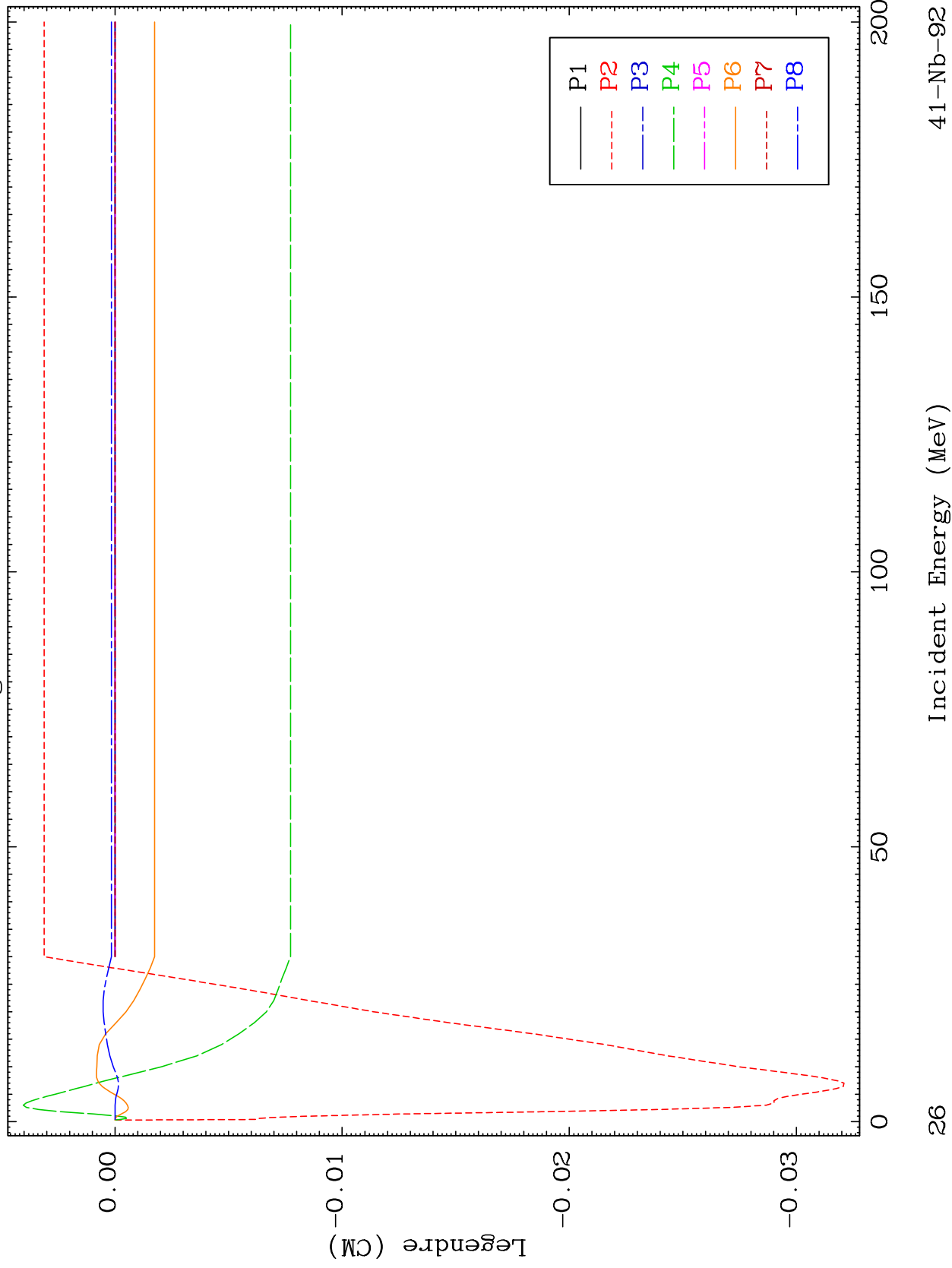
41-Nb-92



MAT 4122

41-Nb-92

MT= 53 (n,n') Level
Legendre Coefficients



26

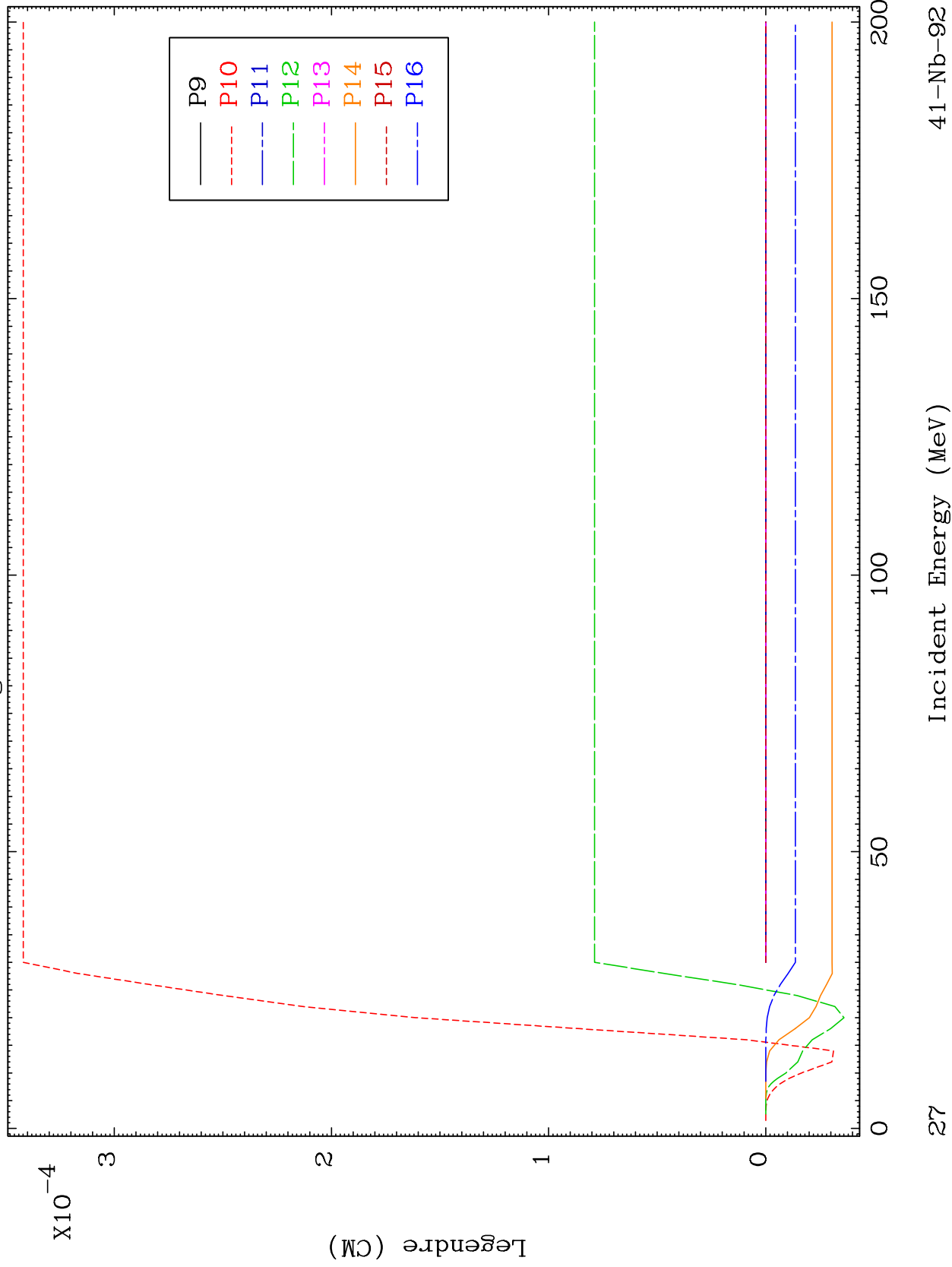
Incident Energy (MeV)

41-Nb-92

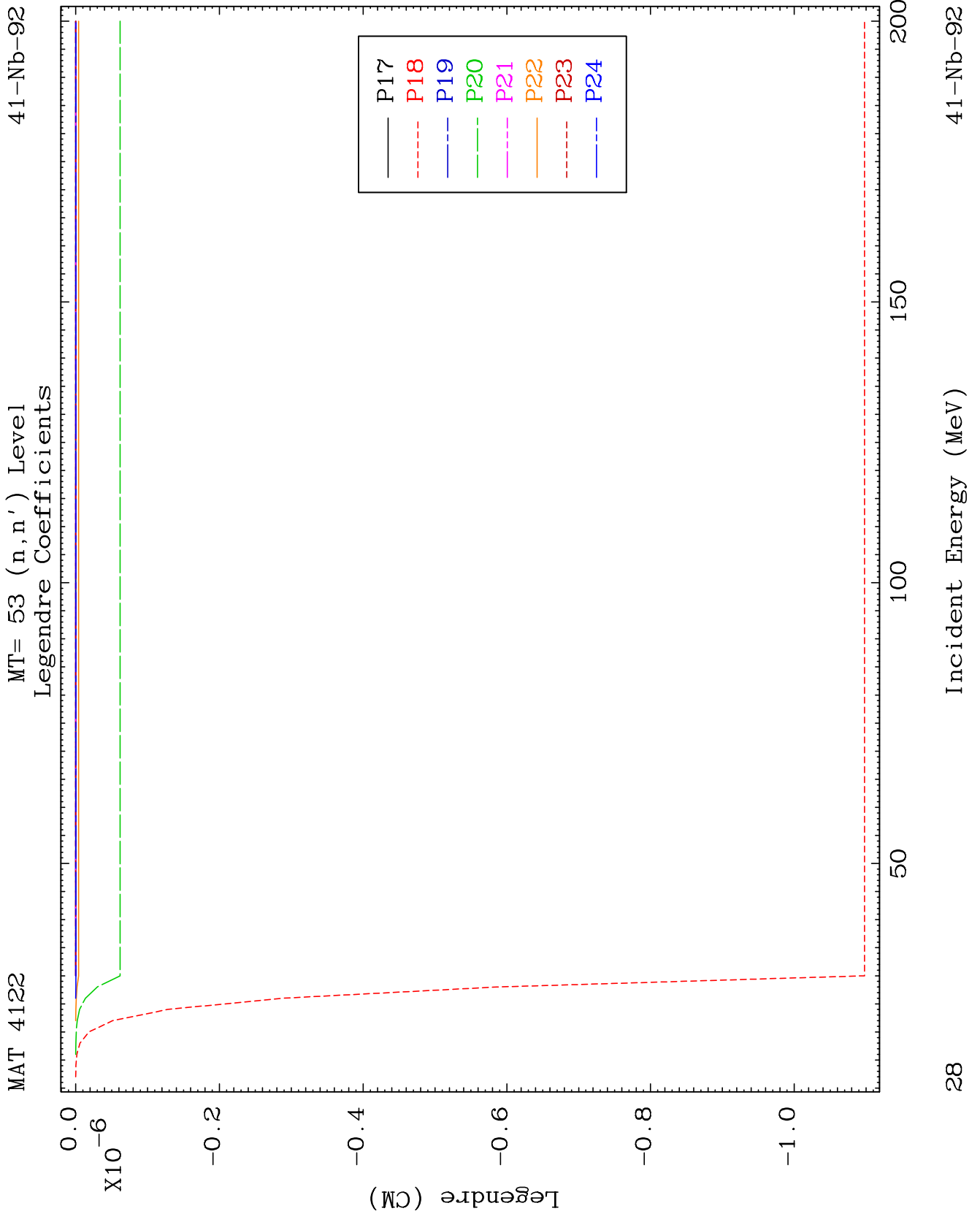
MAT 4122

MT= 53 (n,n') Level
Legendre Coefficients

41-Nb-92



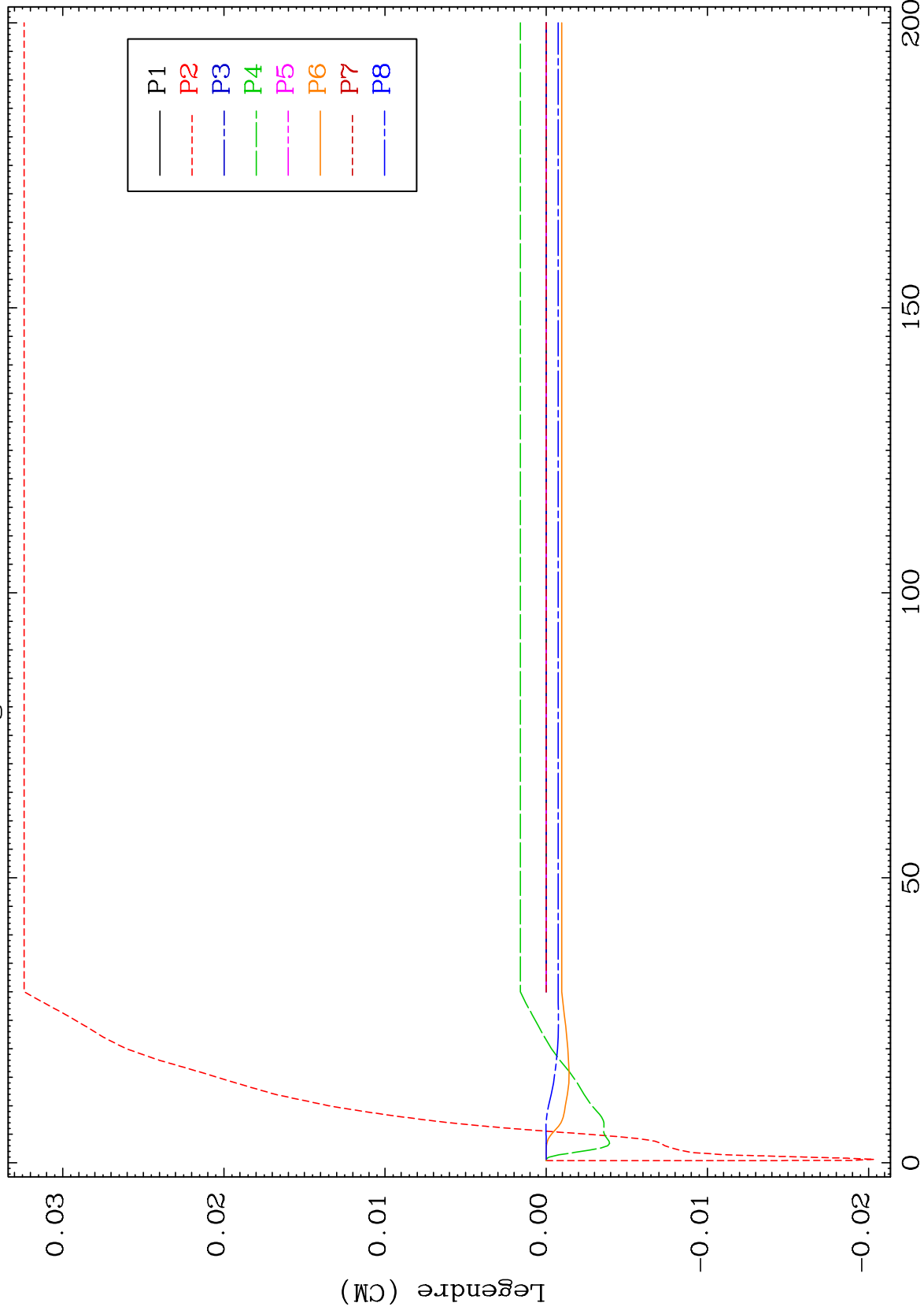
27



MAT 4122

MT= 54 (n,n') Level
Legendre Coefficients

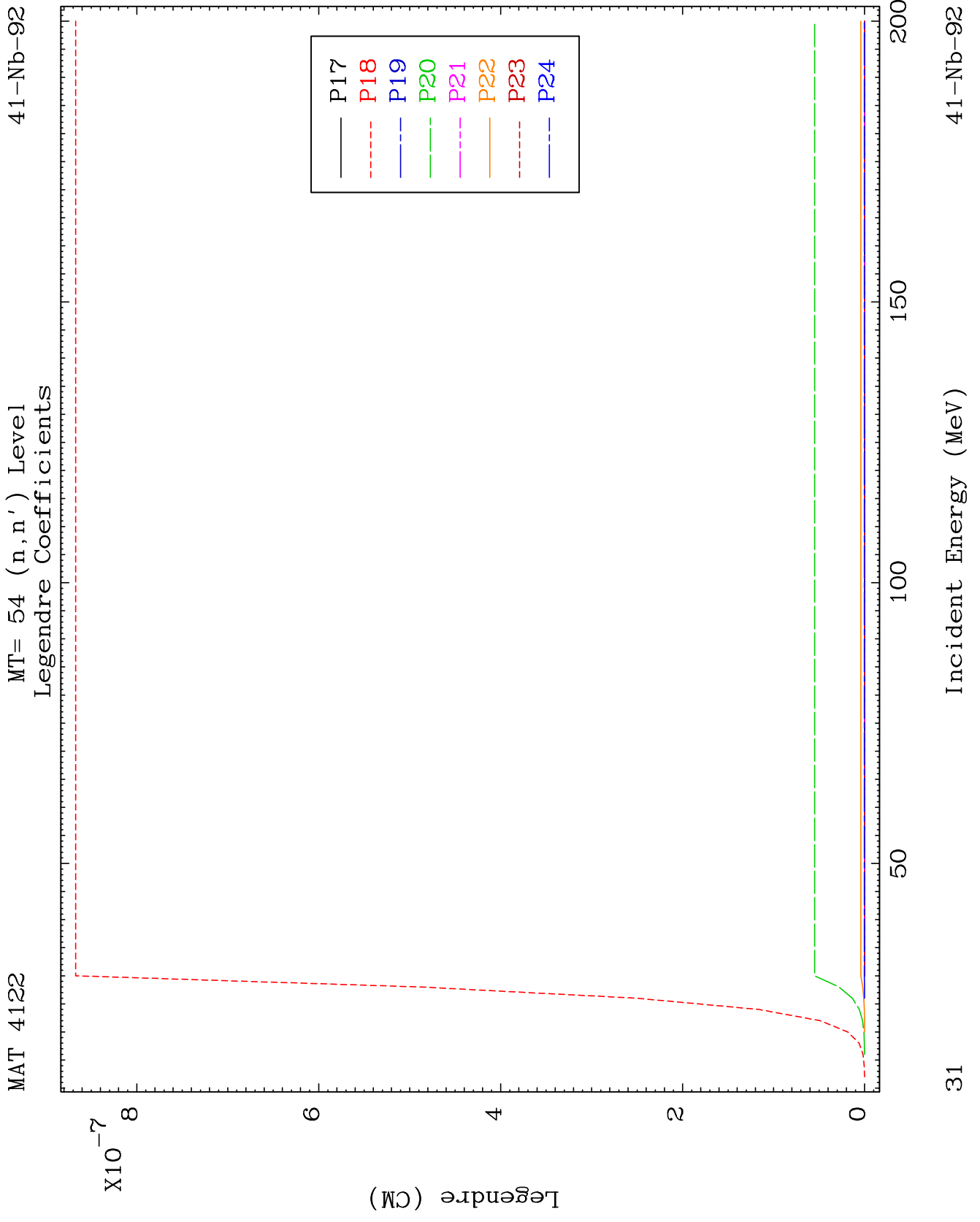
41-Nb-92



29

Incident Energy (MeV)

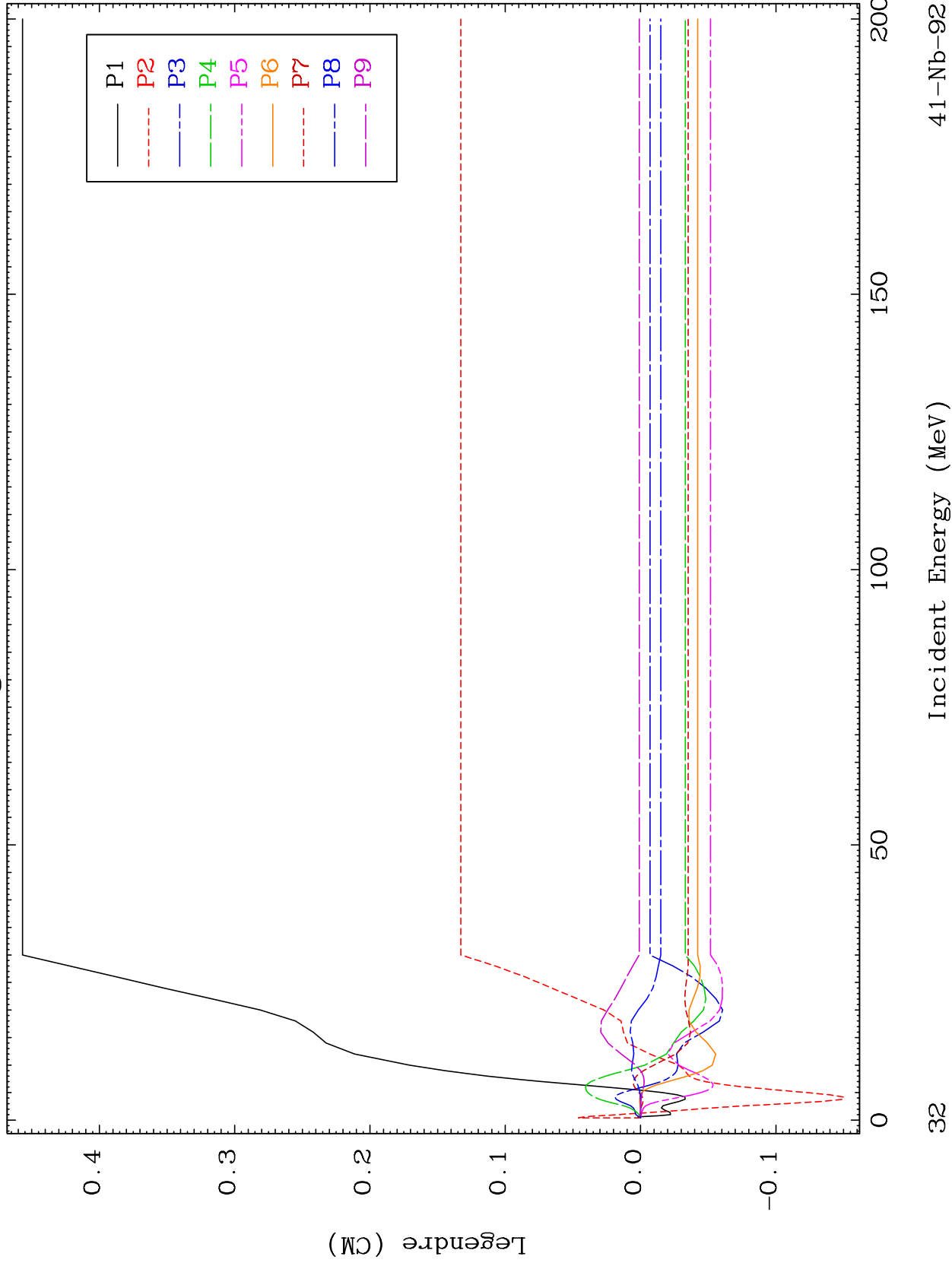
41-Nb-92



MAT 4122

MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

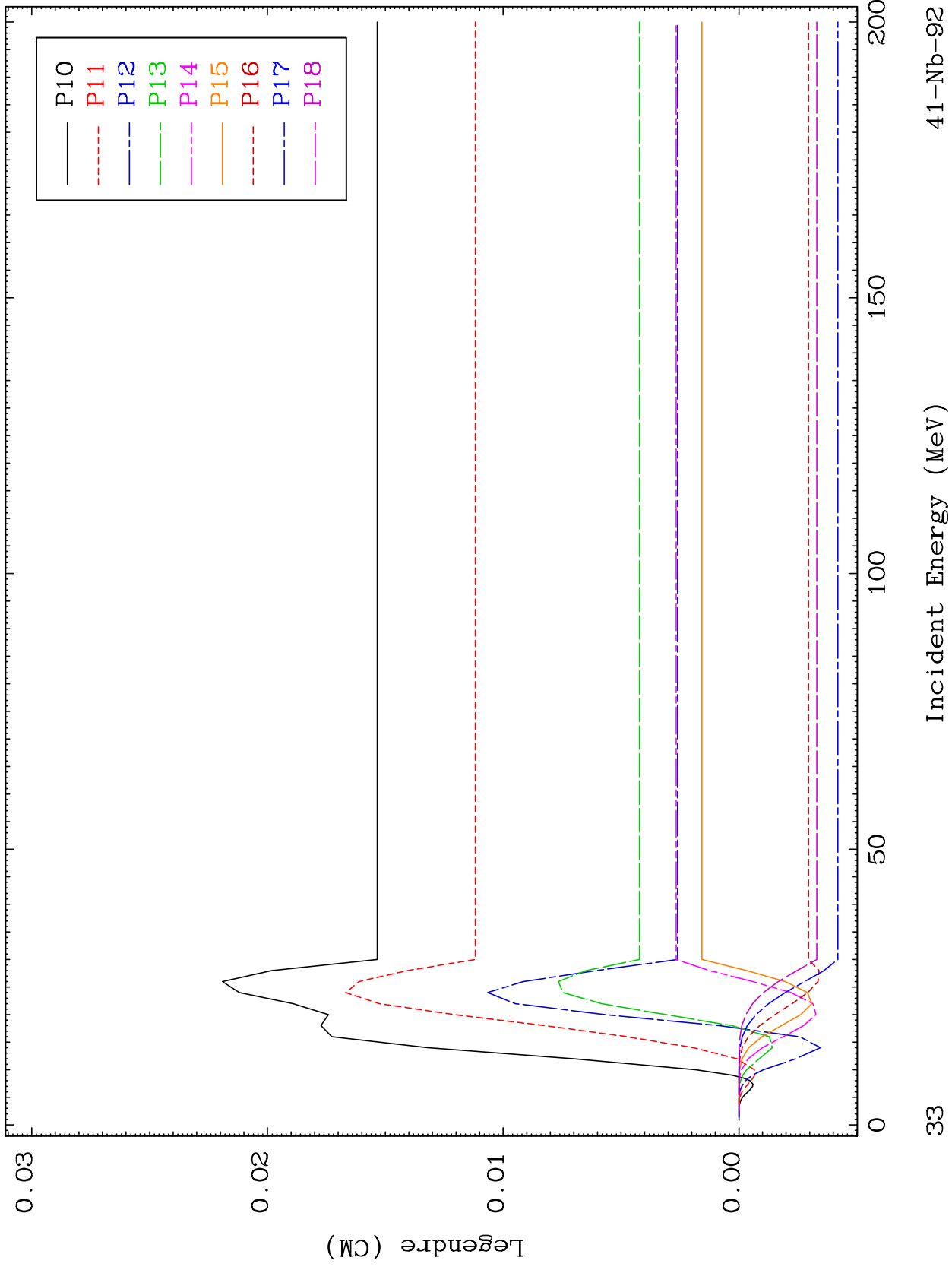
Incident Energy (MeV)

32

MAT 4122

MT= 55 (n,n') Level
Legendre Coefficients

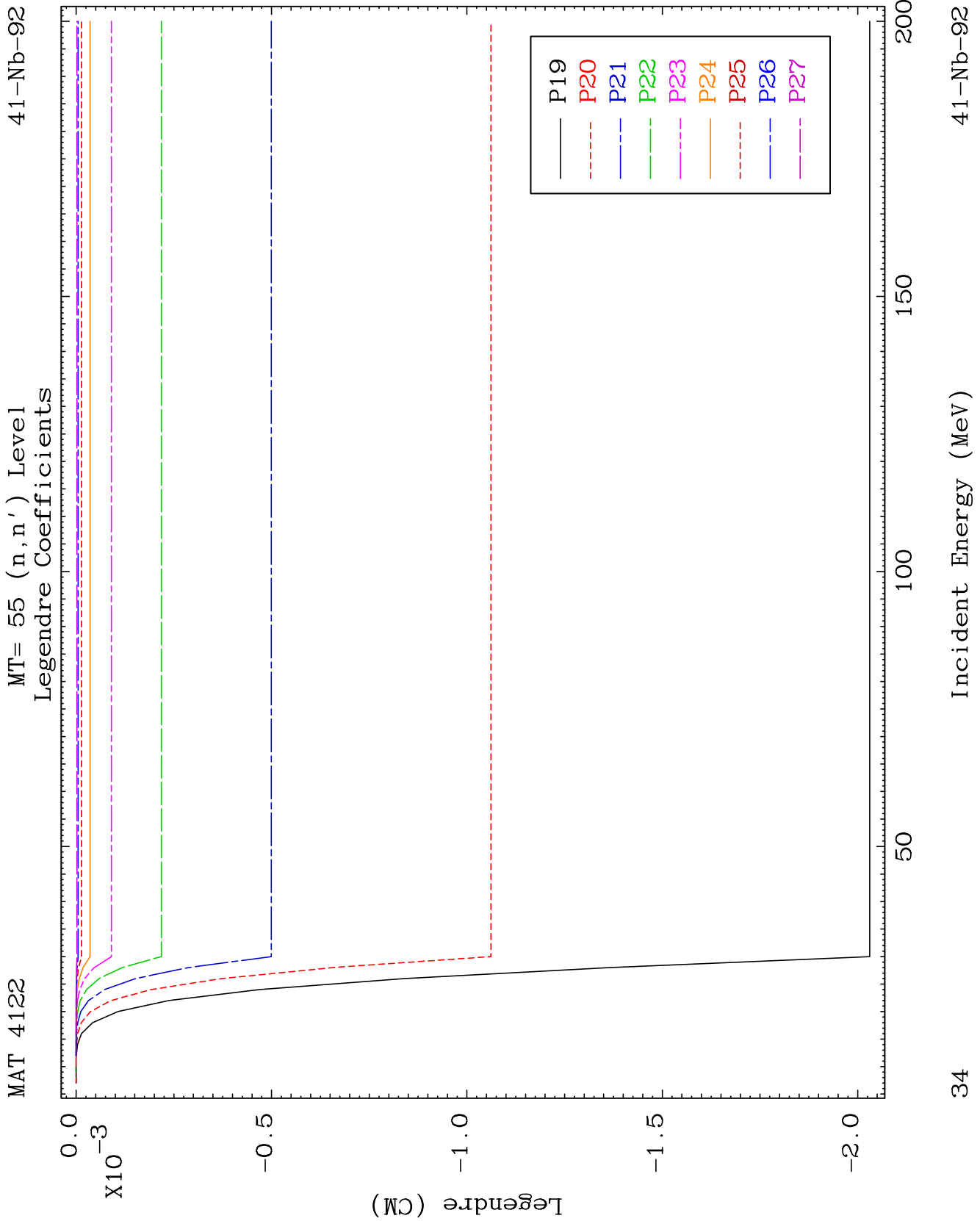
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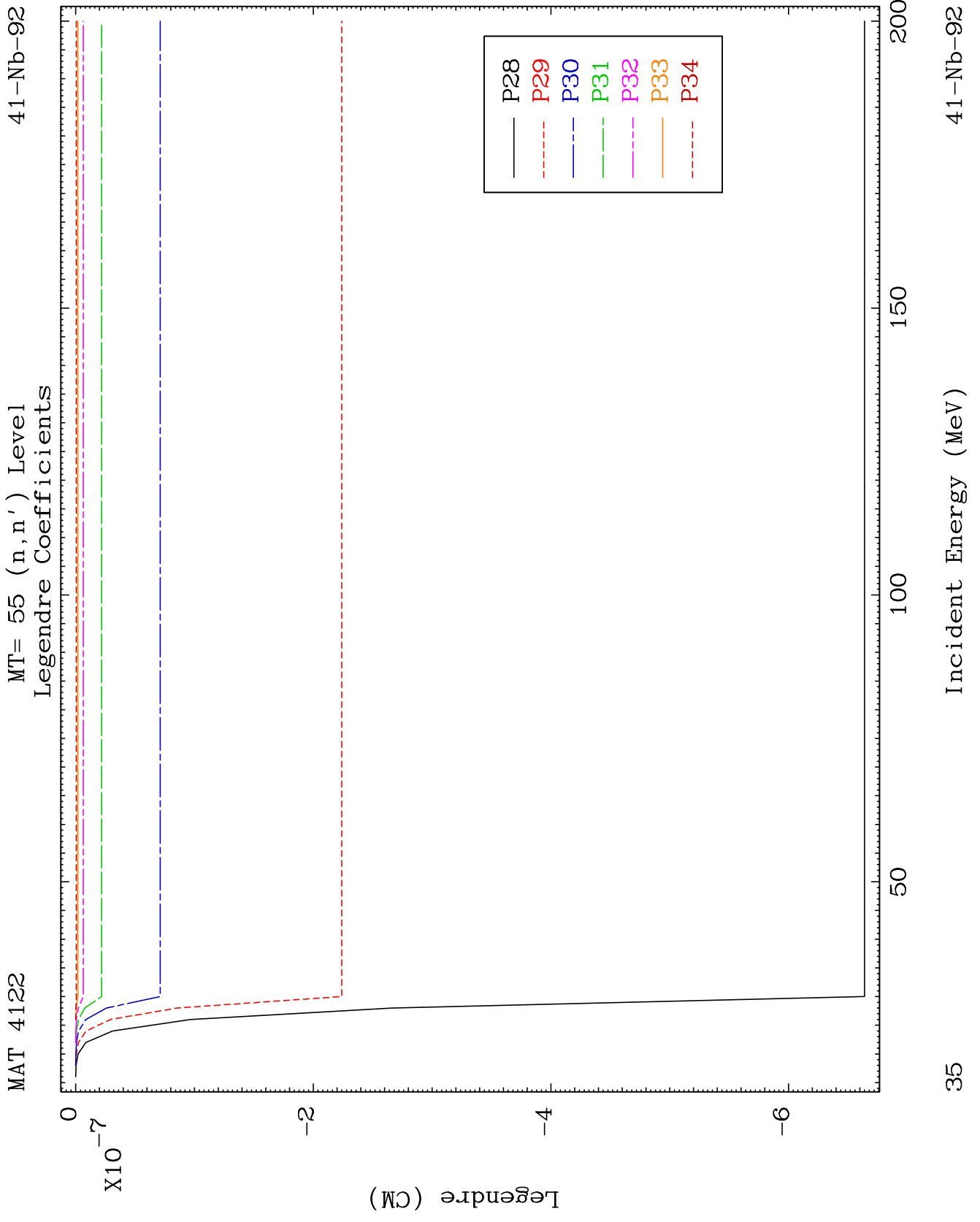


33

Incident Energy (MeV)

41-Nb-92

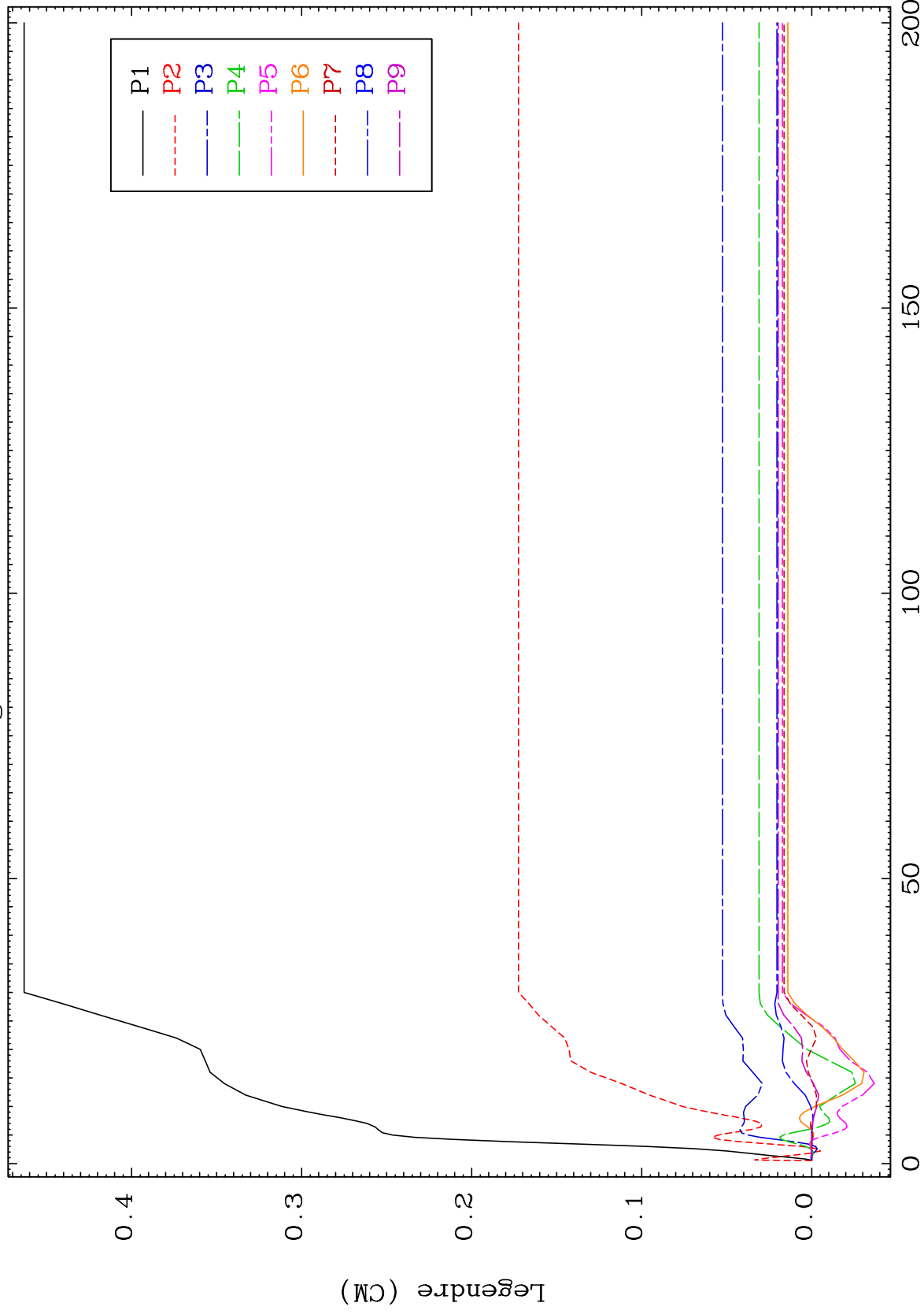




MAT 4122

MT= 56 (n,n') Level
Legendre Coefficients

41-Nb-92



36

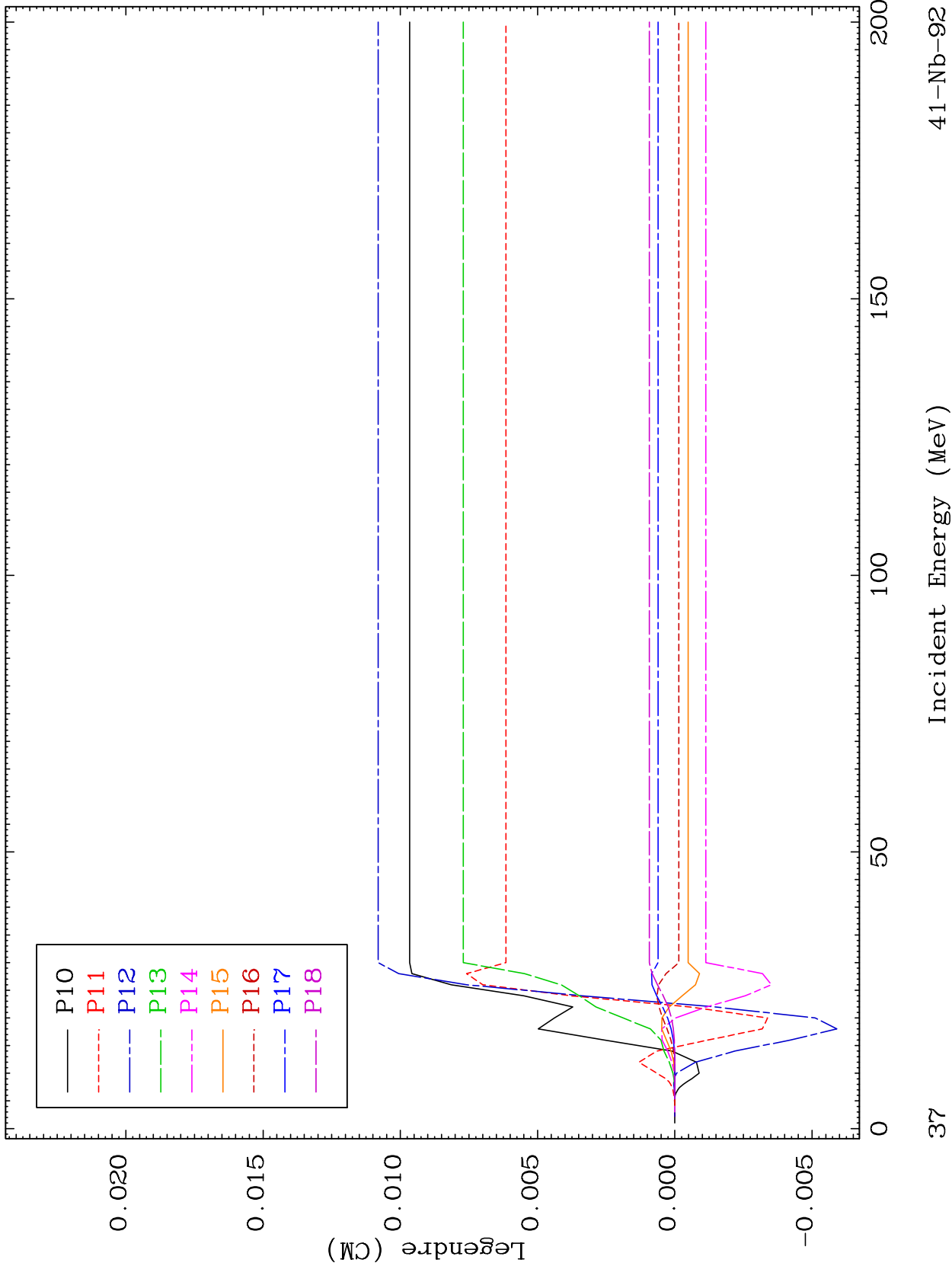
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 56 (n,n') Level
Legendre Coefficients

41-Nb-92



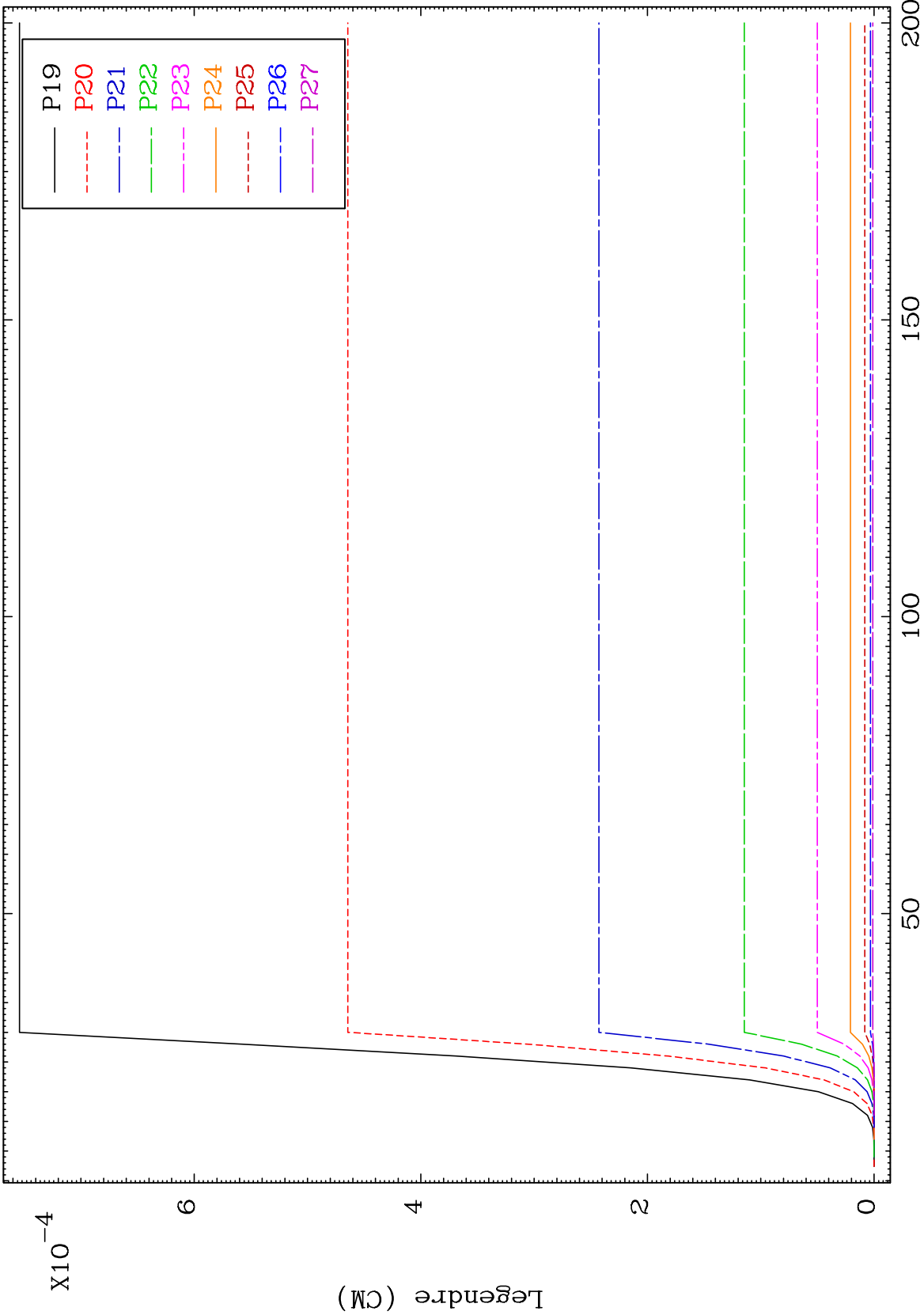
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41-Nb-92

MAT 4122

MT= 56 (n,n') Level
Legendre Coefficients

41-Nb-92



38

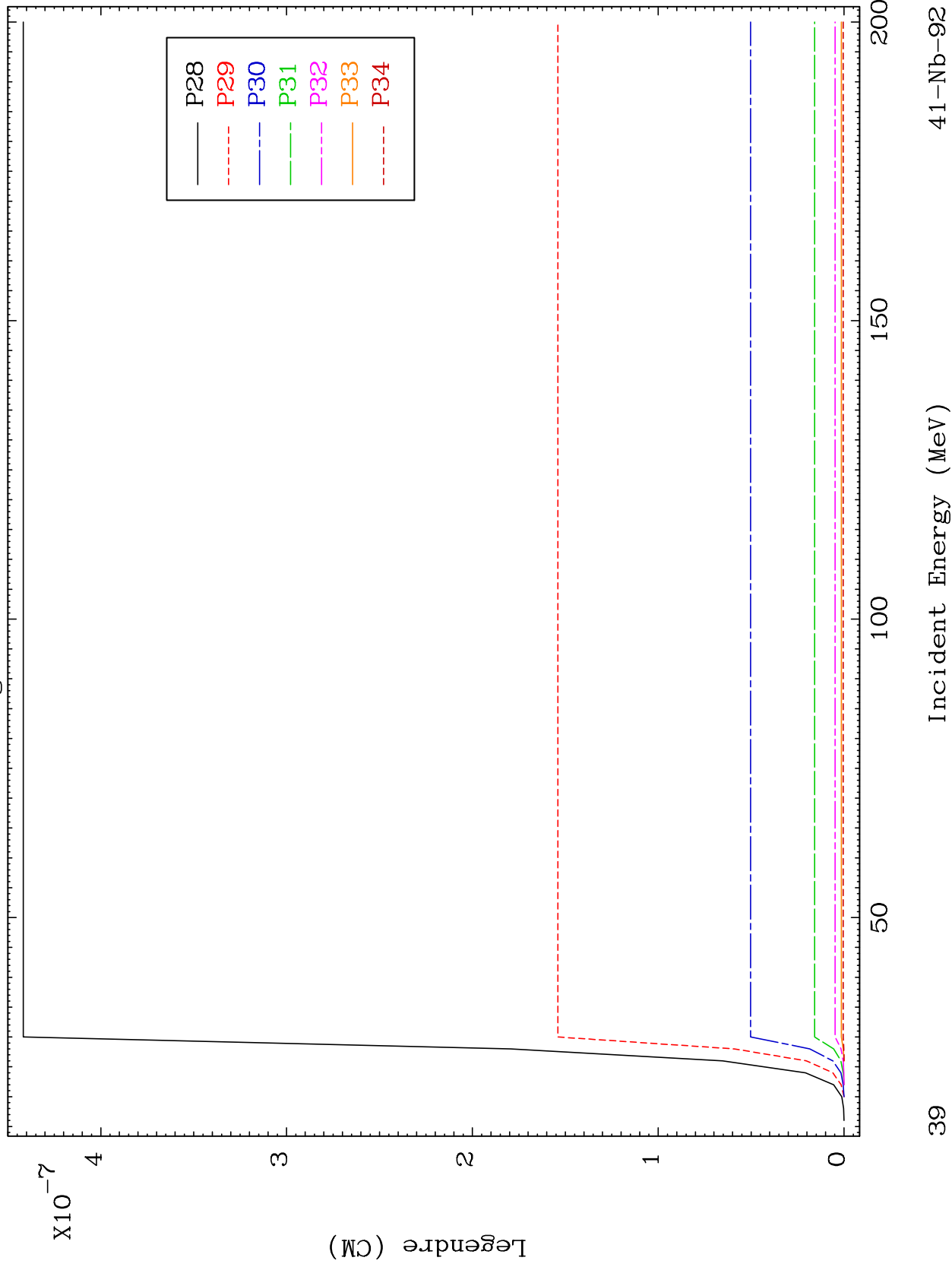
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 56 (n,n') Level
Legendre Coefficients

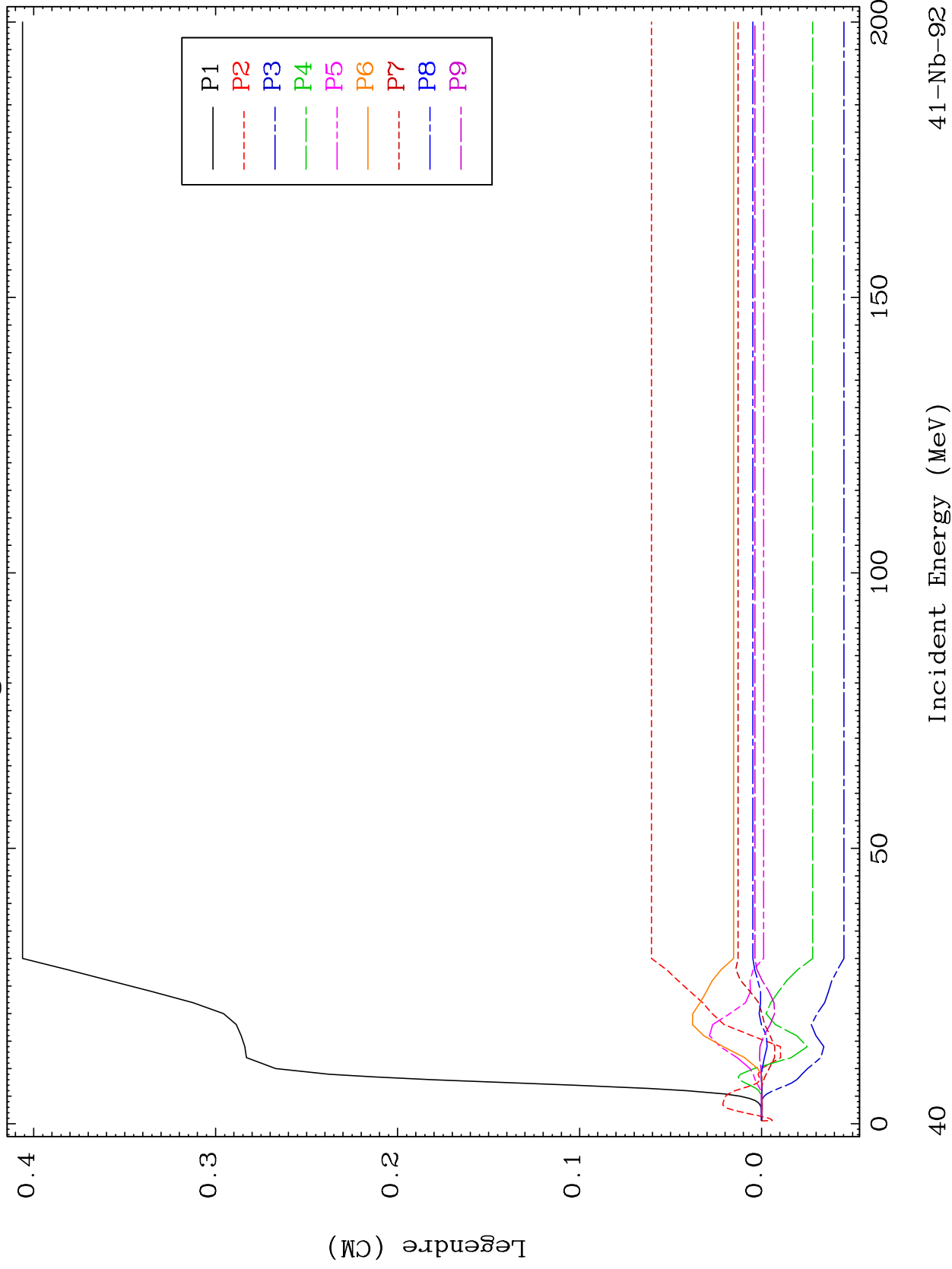
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MAT 4122

MT= 57 (n,n') Level
Legendre Coefficients

41-Nb-92

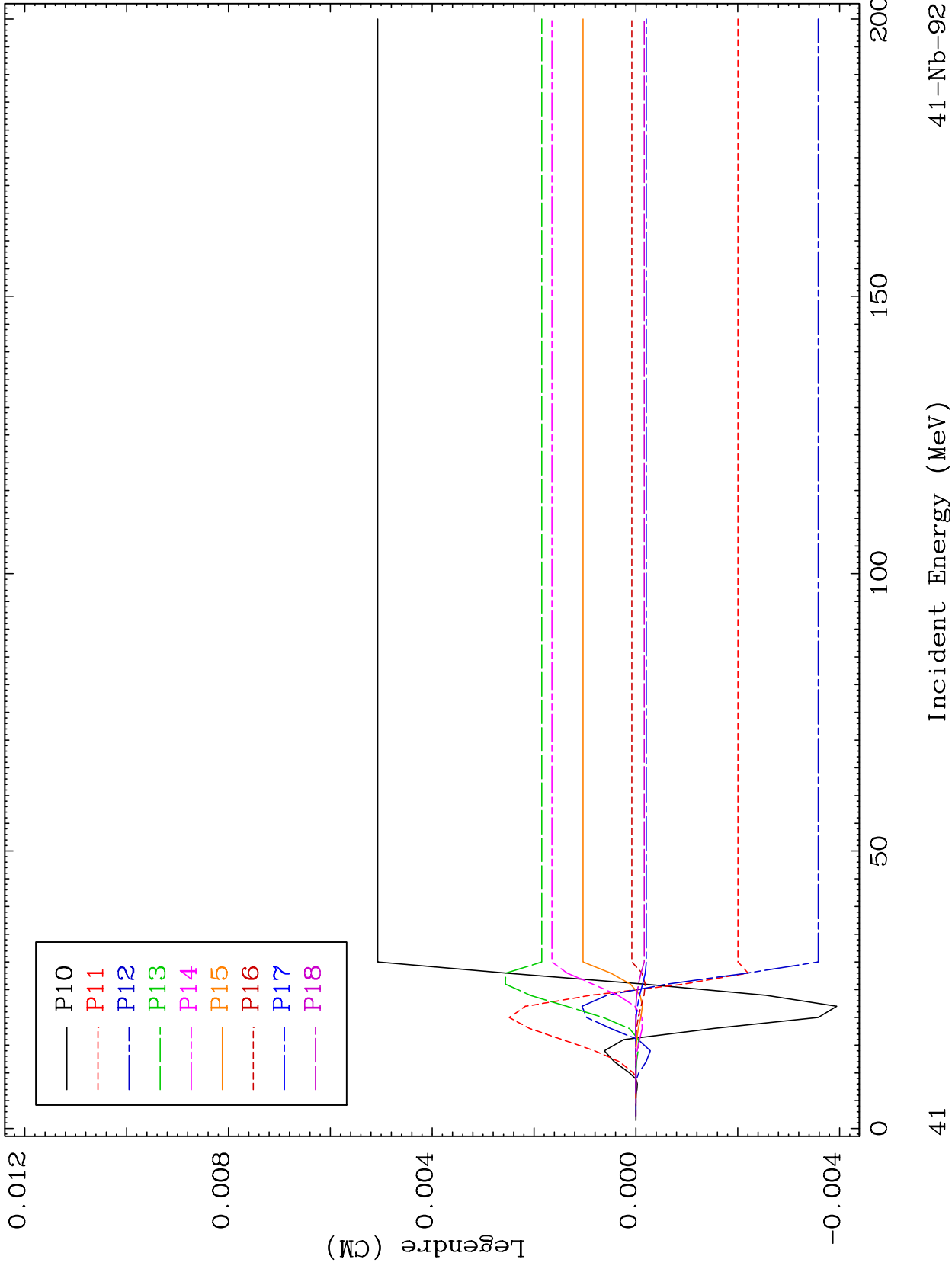


41-Nb-92

MAT 4122

MT= 57 (n,n') Level
Legendre Coefficients

41-Nb-92



41

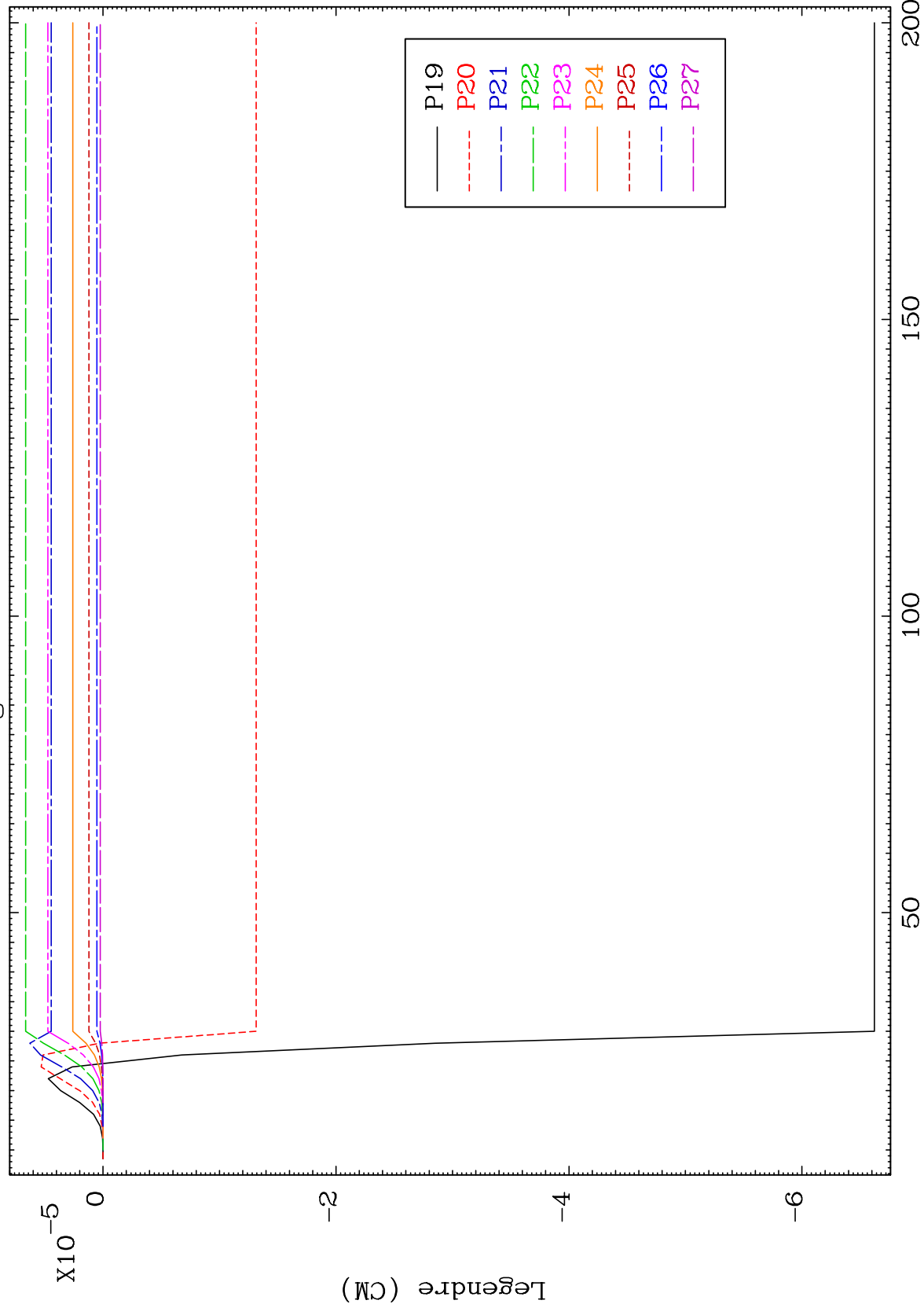
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 57 (n,n') Level
Legendre Coefficients

41-Nb-92



42

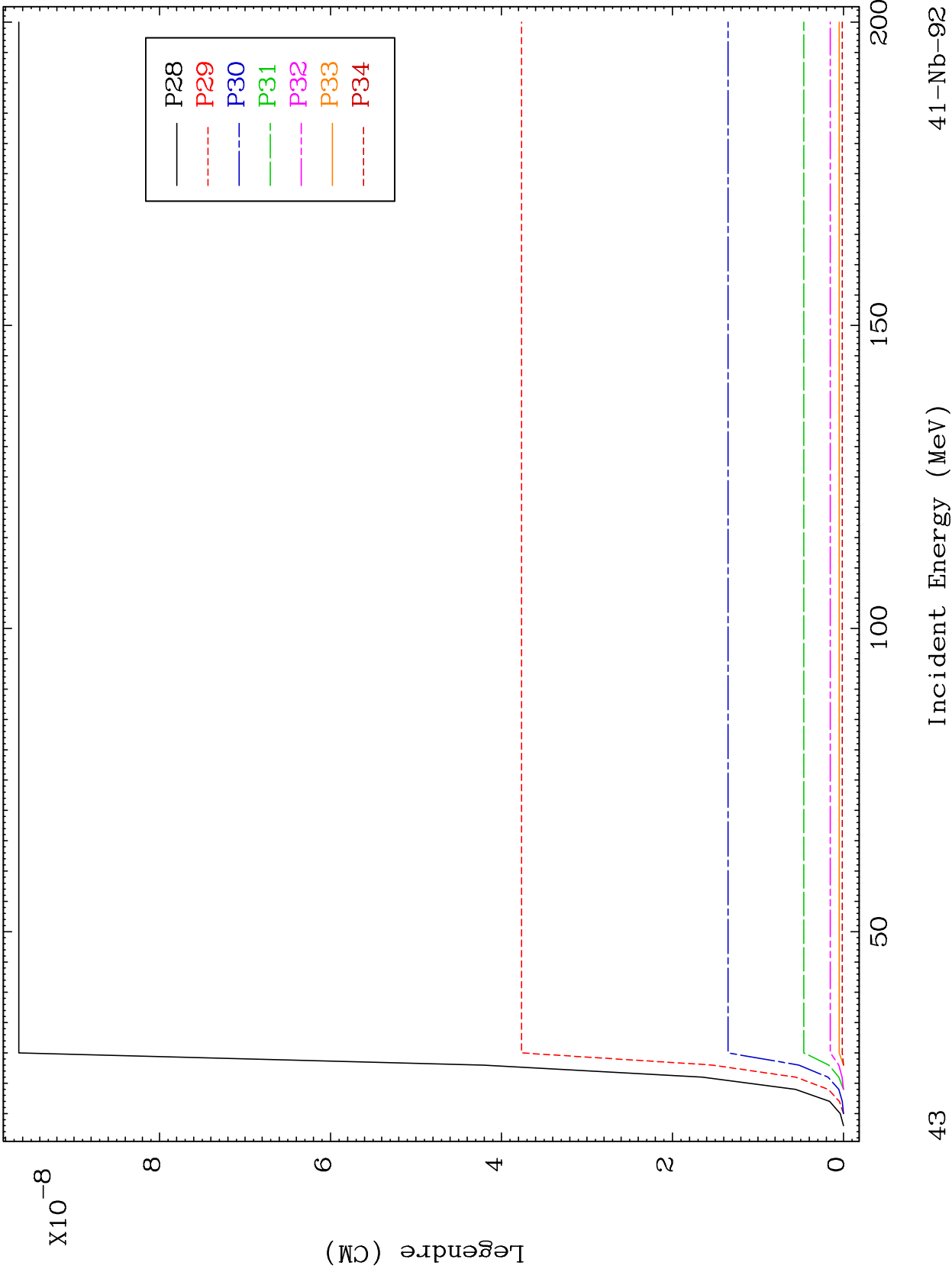
Incident Energy (MeV)

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MAT 4122

MT= 57 (n,n') Level
Legendre Coefficients

41-Nb-92

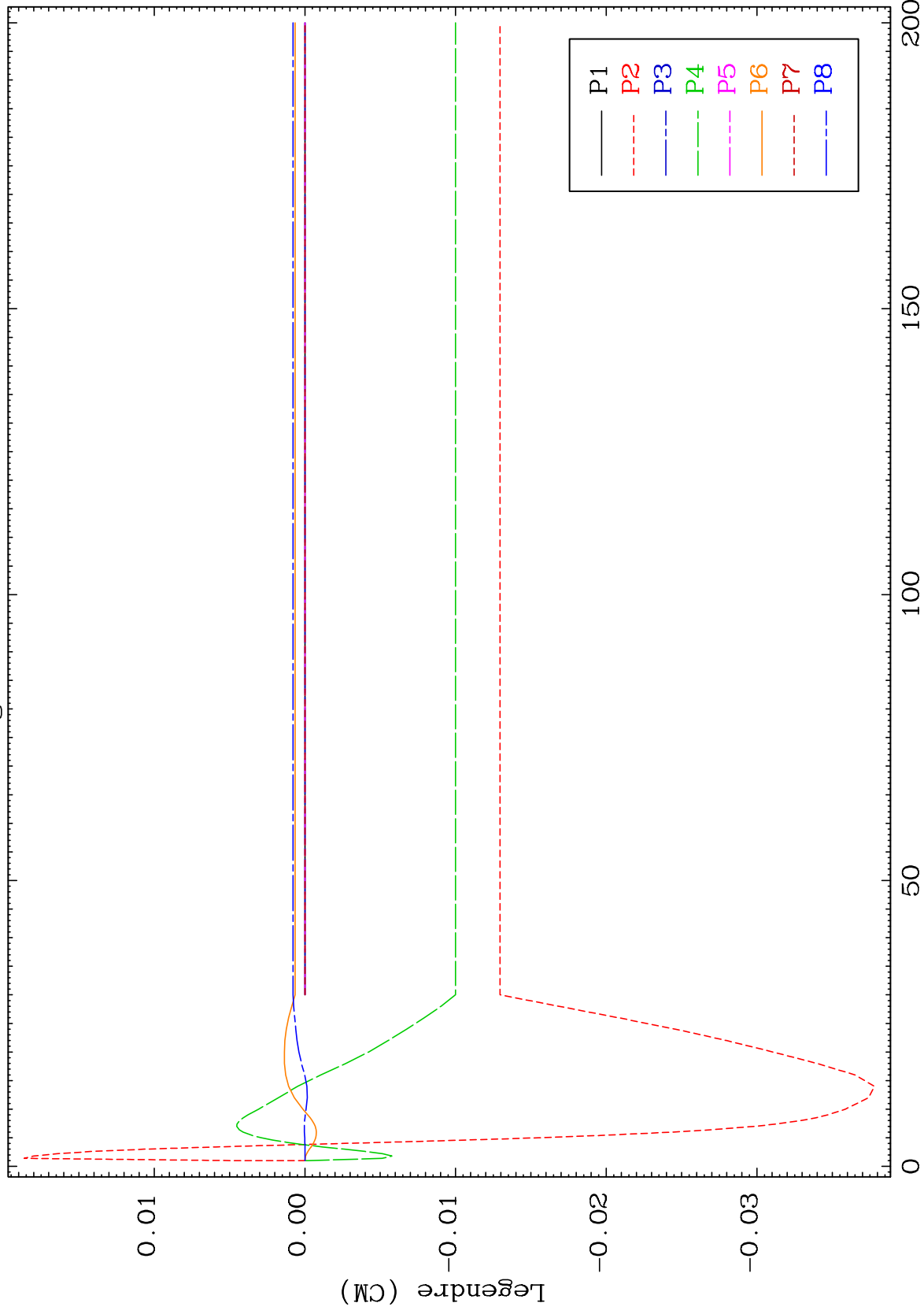


43

MAT 4122

MT= 58 (n,n') Level
Legendre Coefficients

41-Nb-92



44

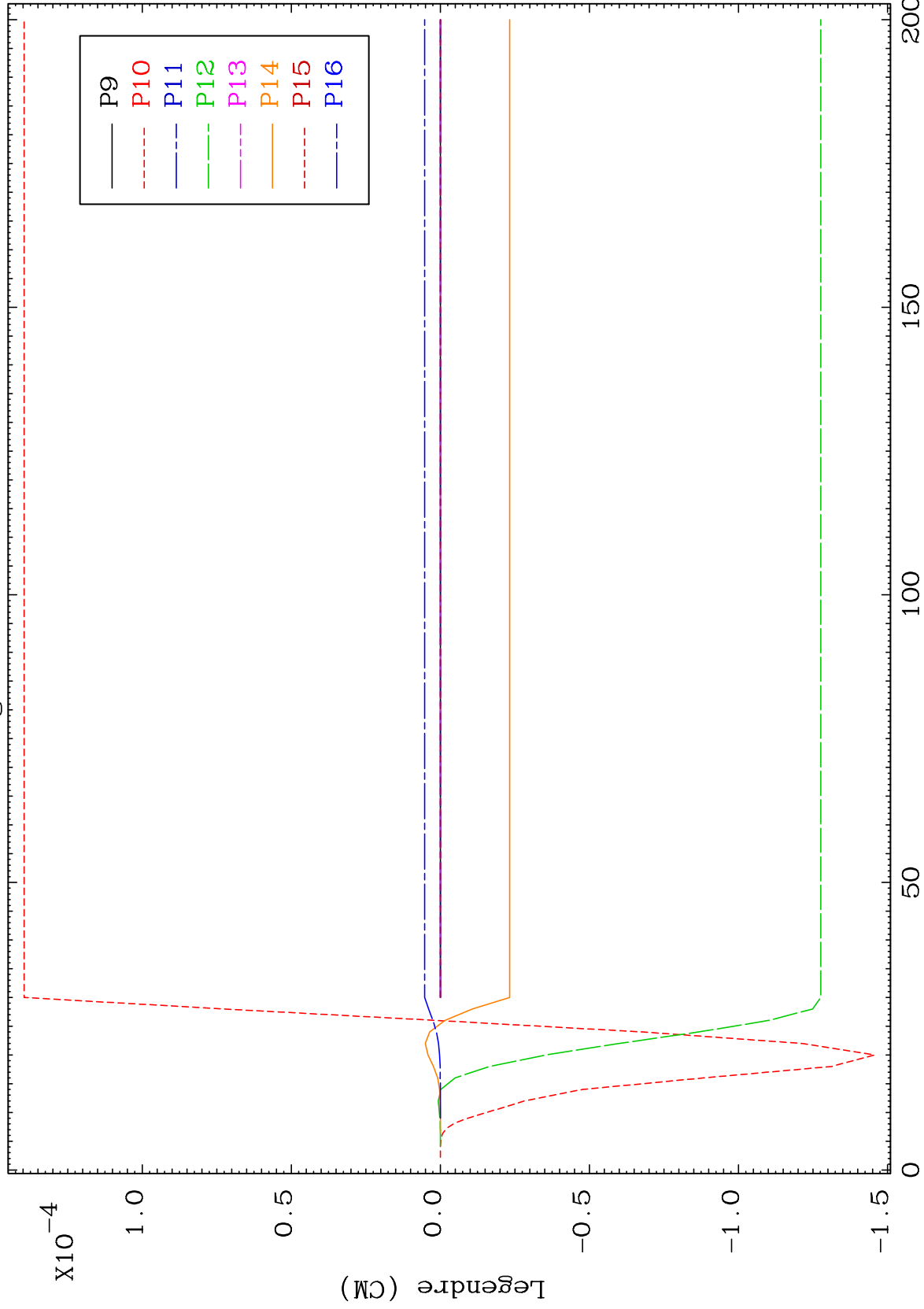
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 58 (n,n') Level
Legendre Coefficients

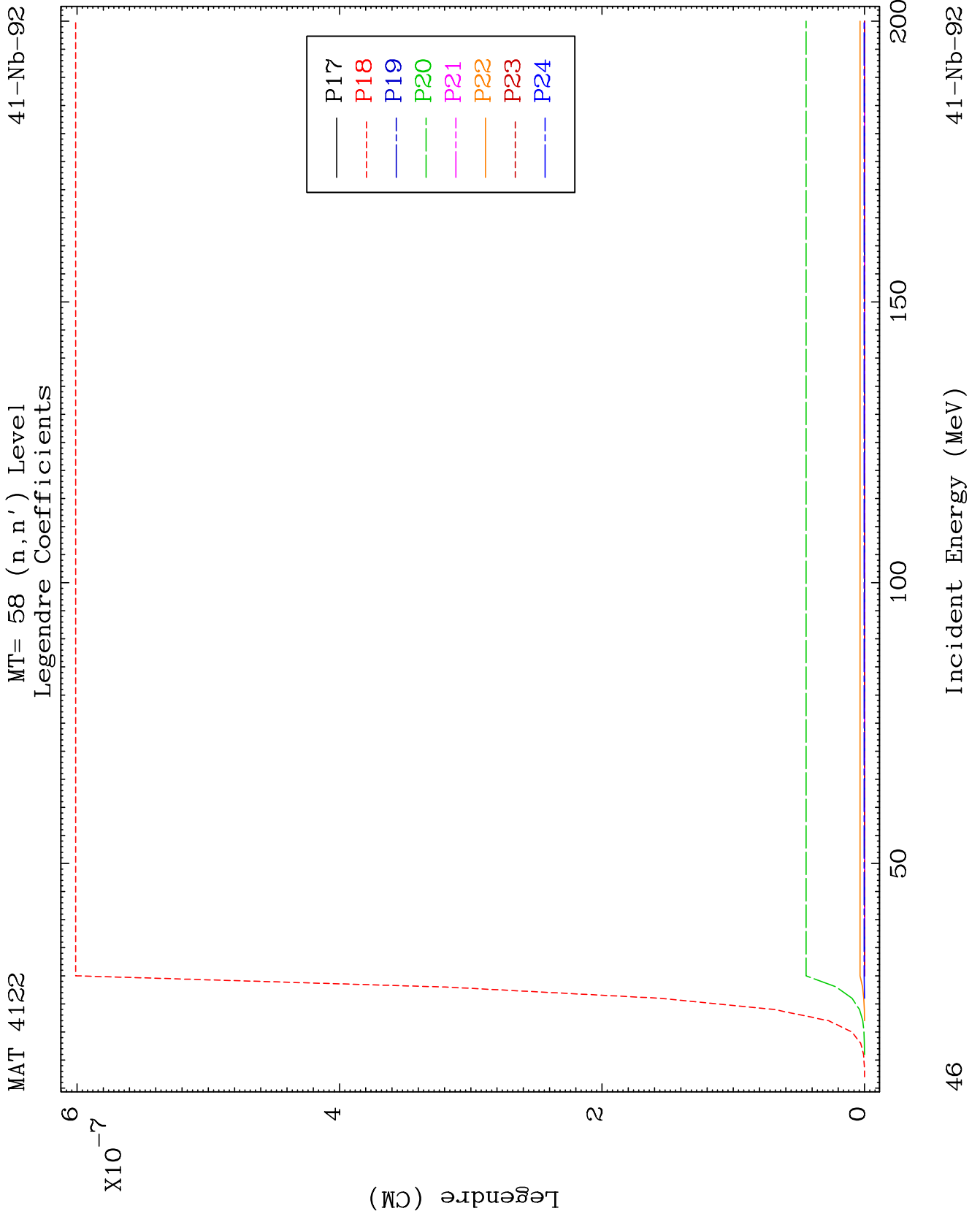
41-Nb-92



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Incident Energy (MeV)

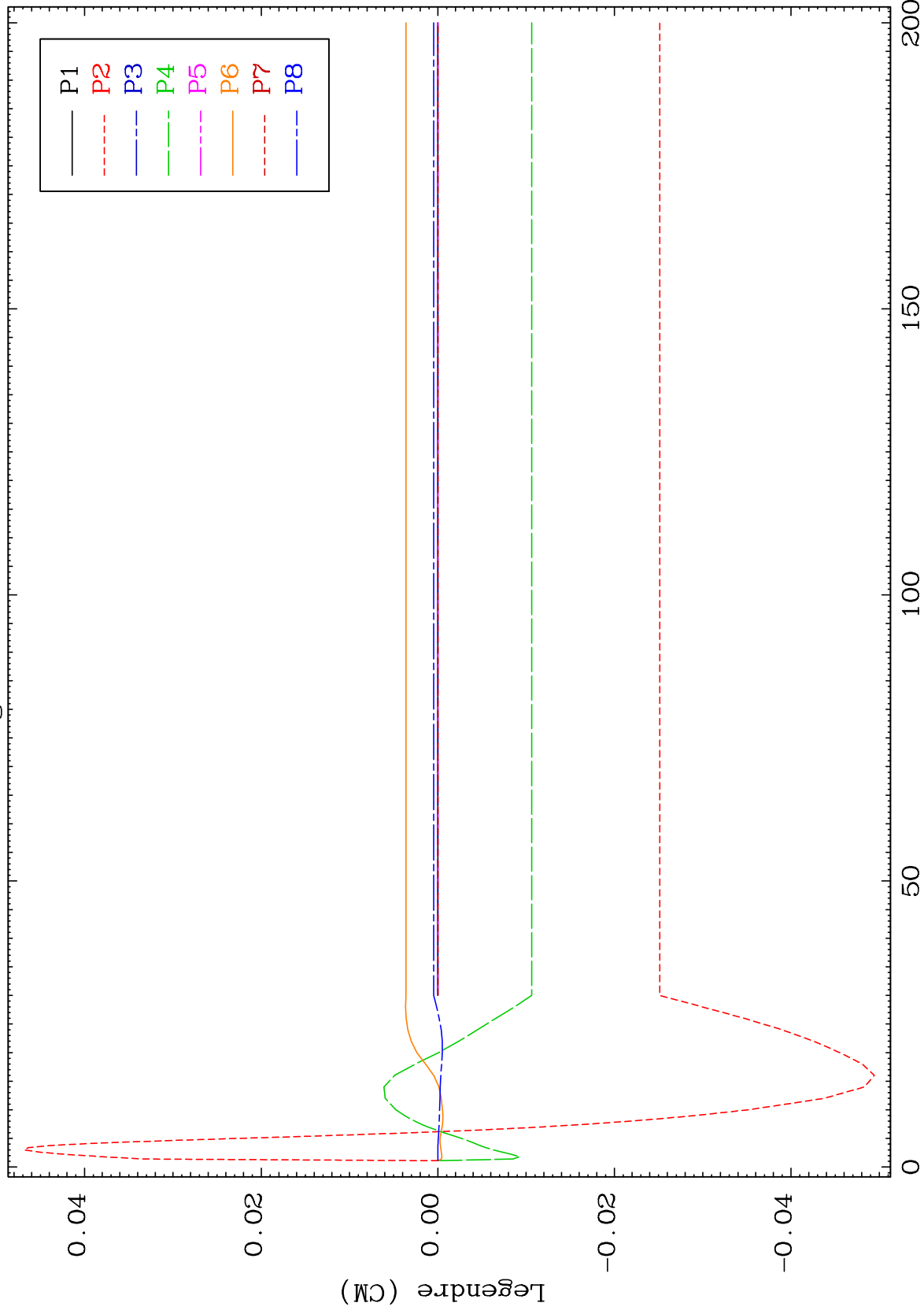
41-Nb-92



MAT 4122

MT= 59 (n,n') Level
Legendre Coefficients

41-Nb-92



47

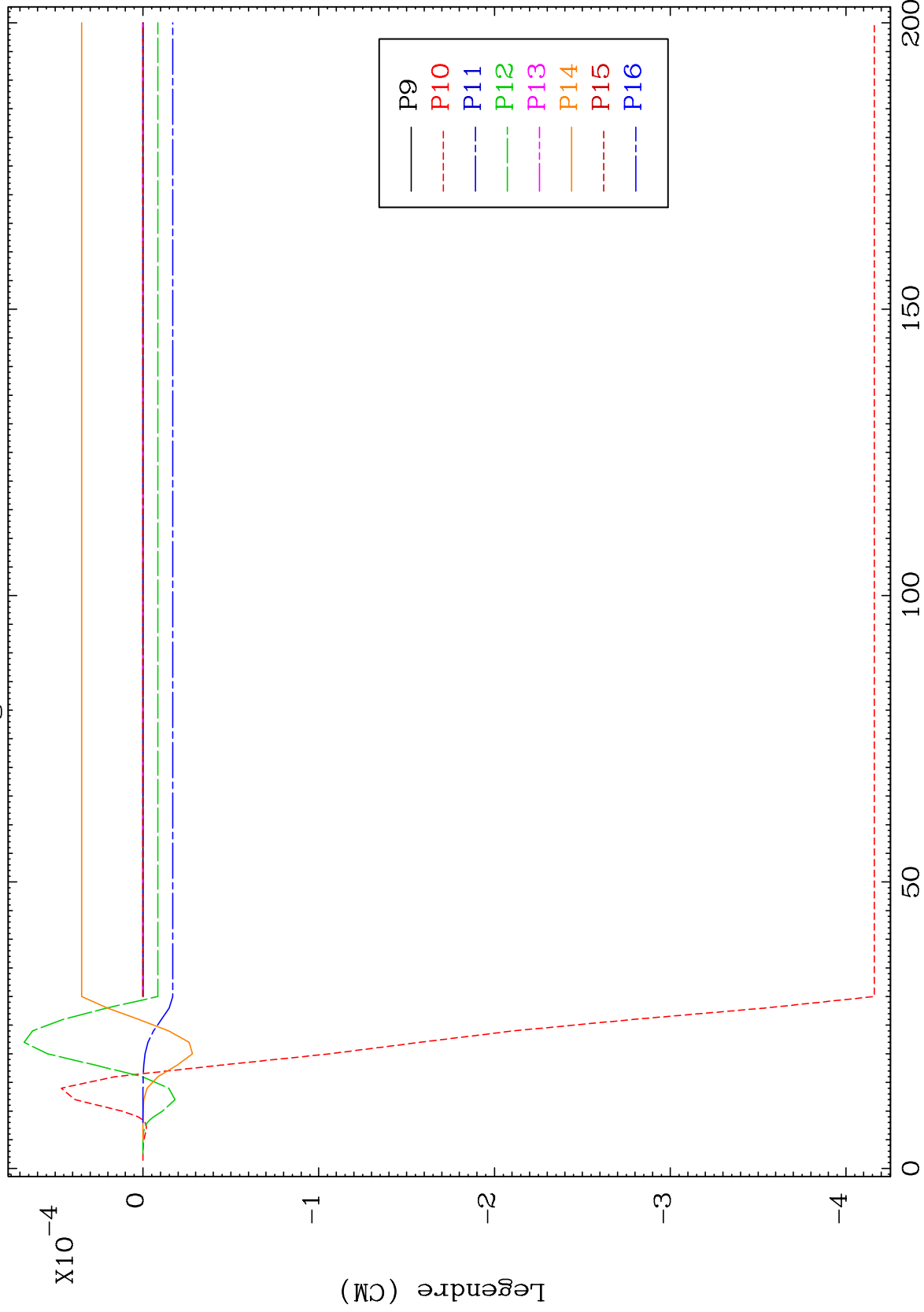
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 59 (n,n') Level
Legendre Coefficients

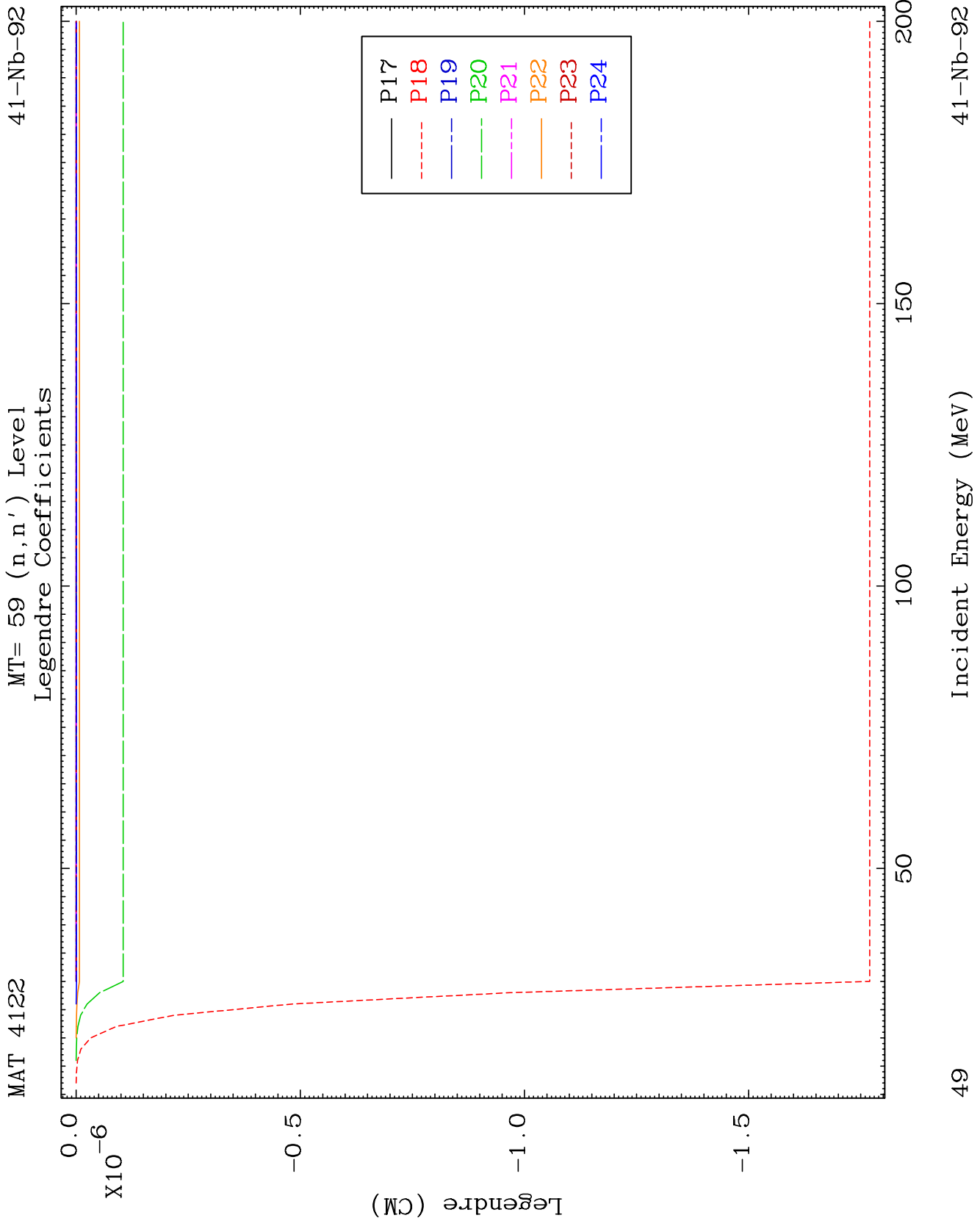
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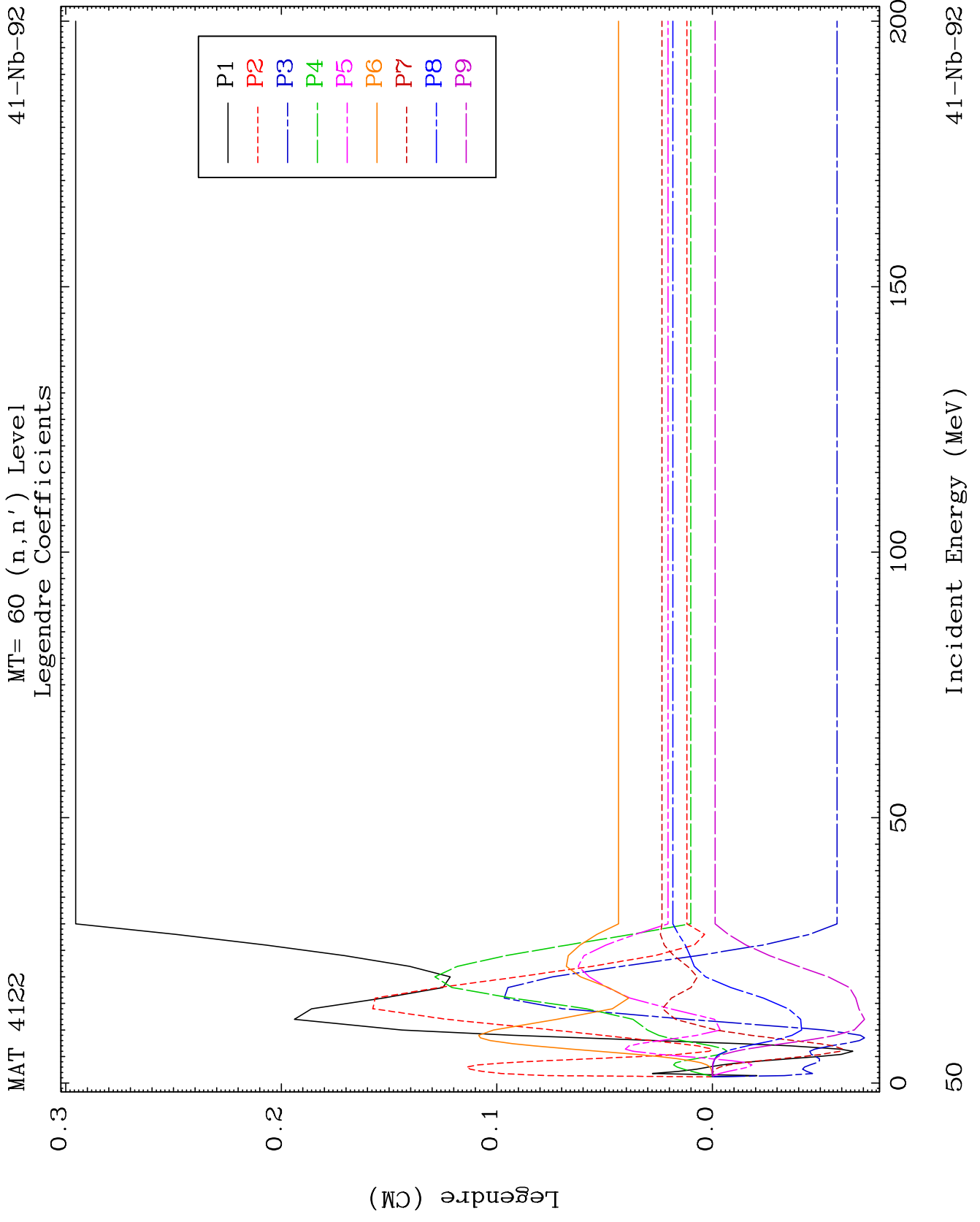


48

Incident Energy (MeV)

41-Nb-92

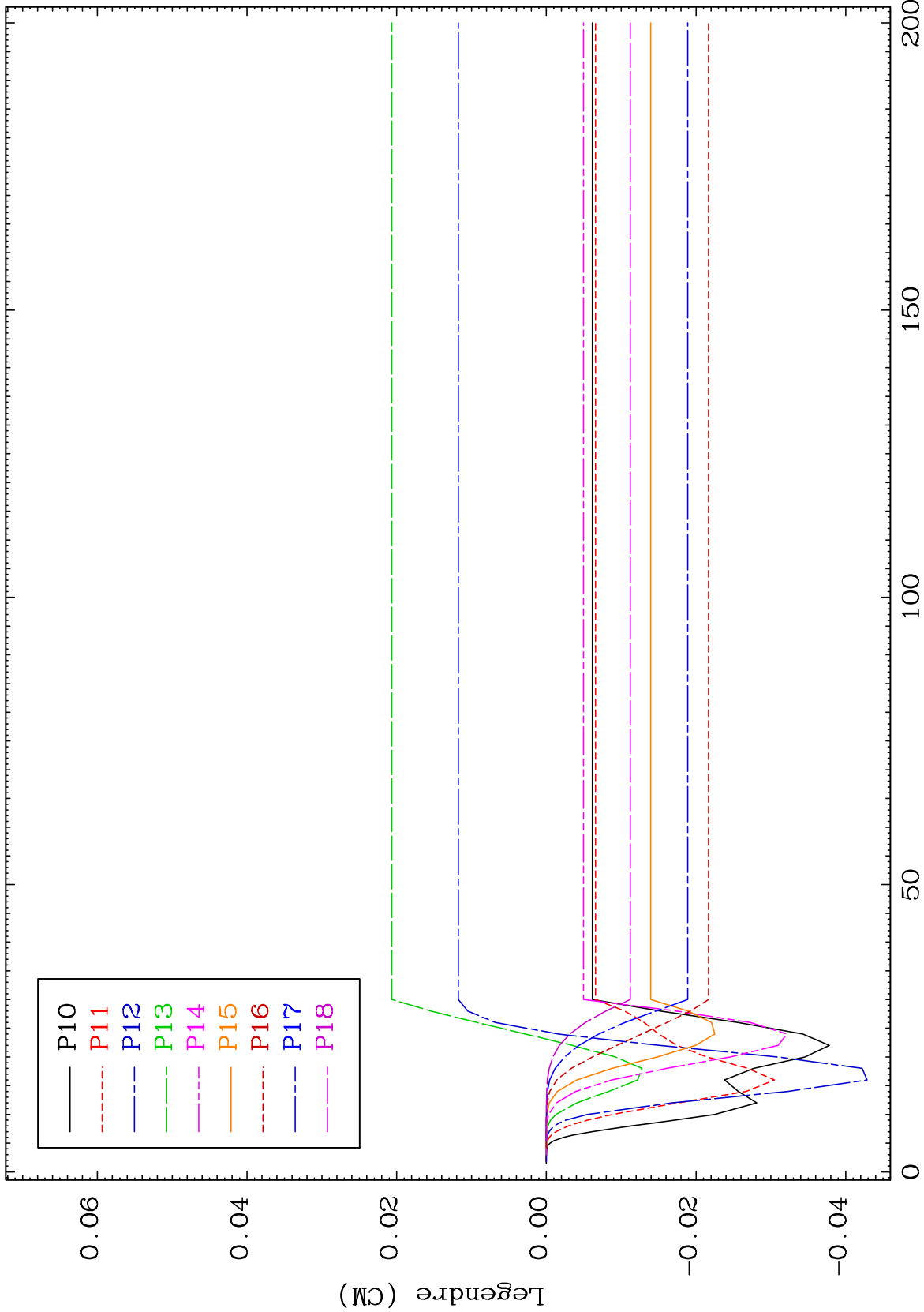




MAT 4122

MT= 60 (n,n') Level
Legendre Coefficients

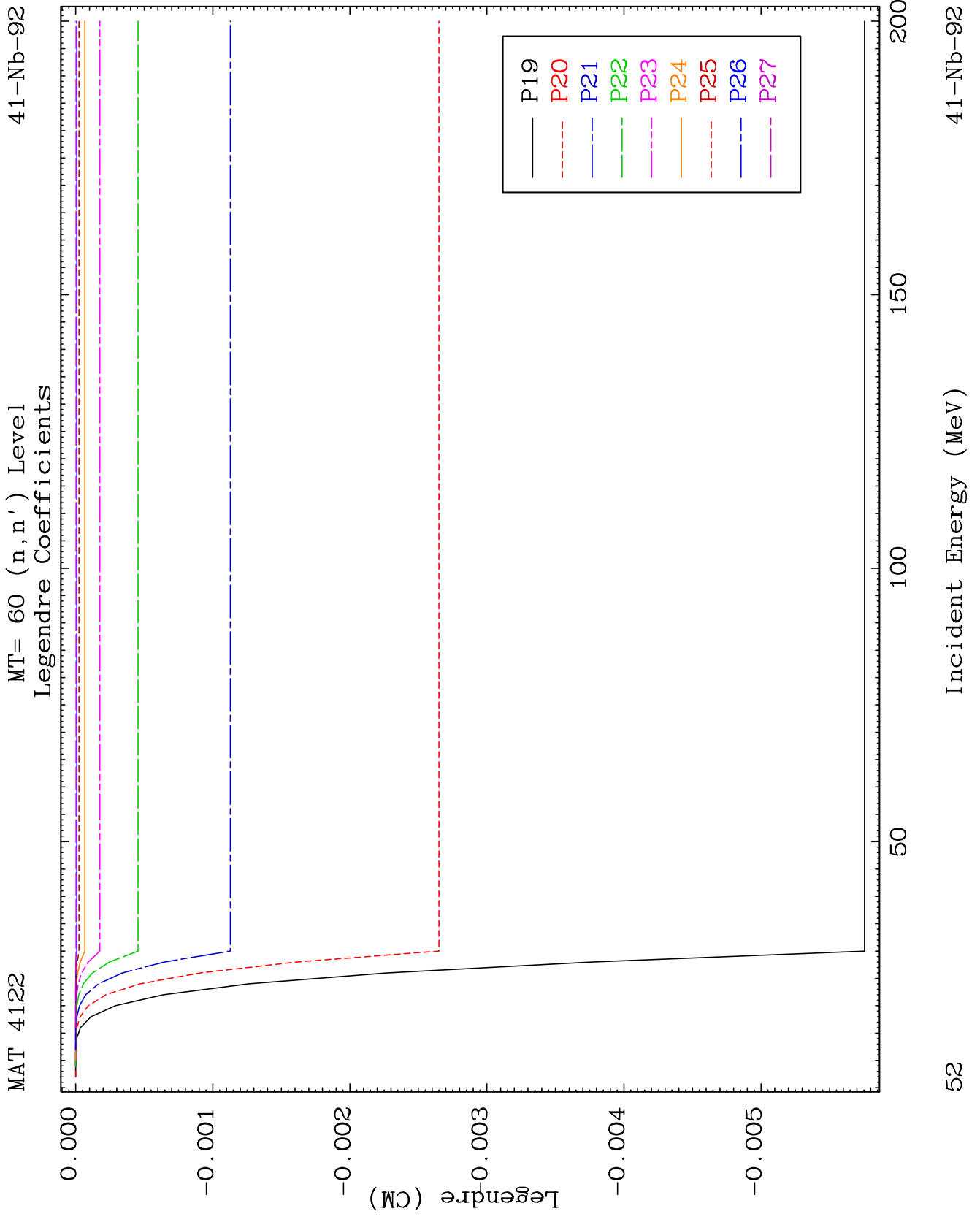
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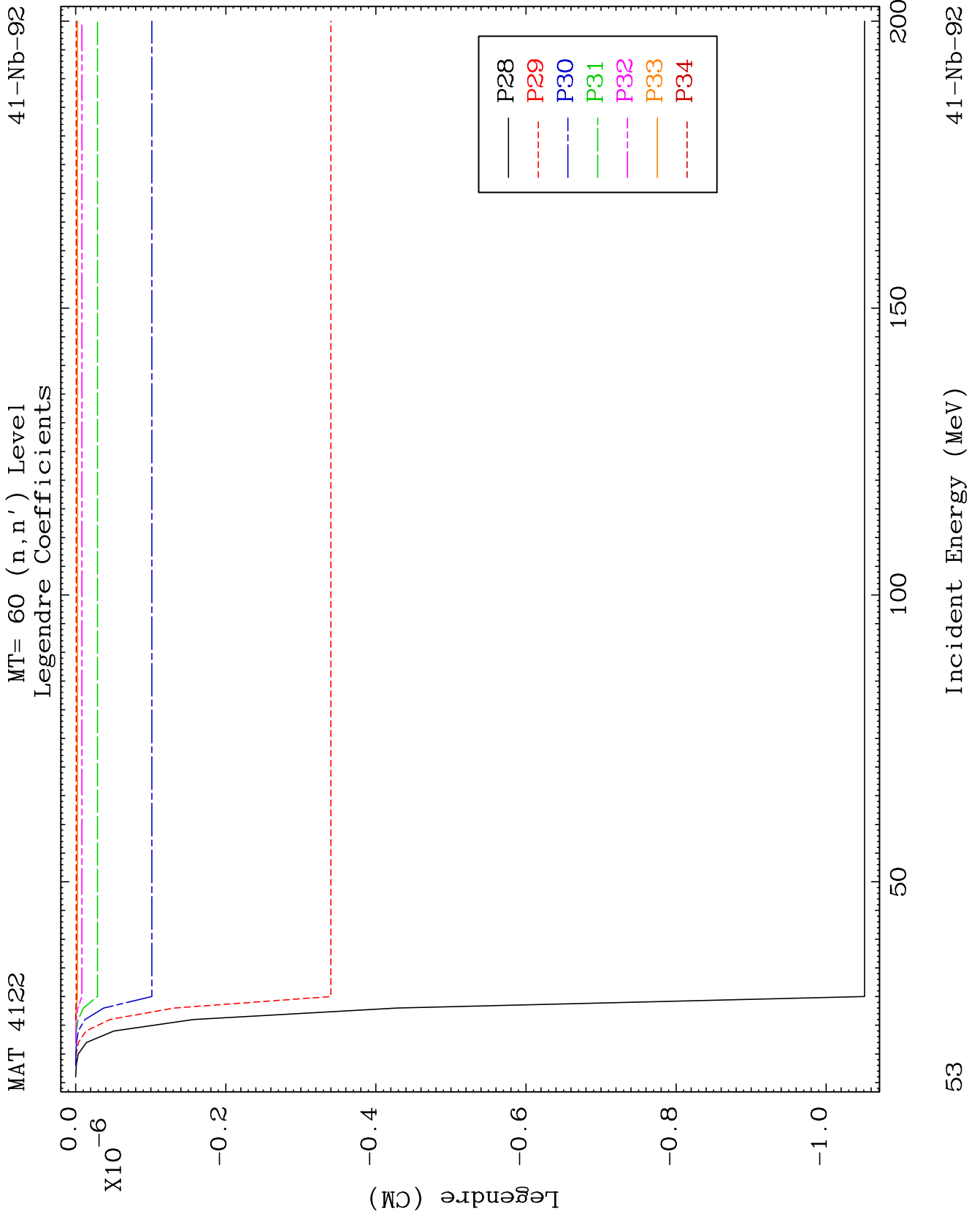


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Incident Energy (MeV)

41-Nb-92

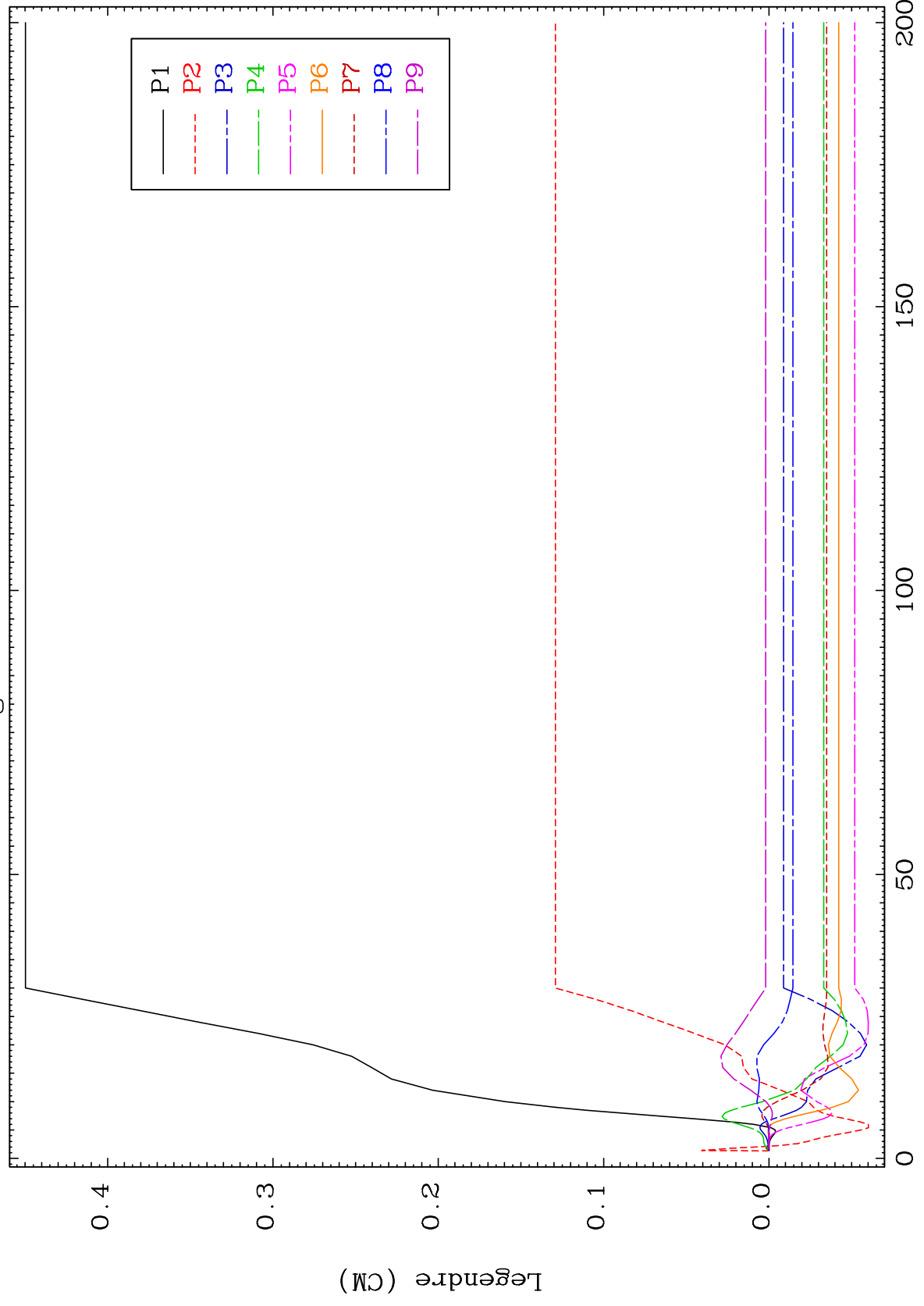




MAT 4122

MT= 61 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

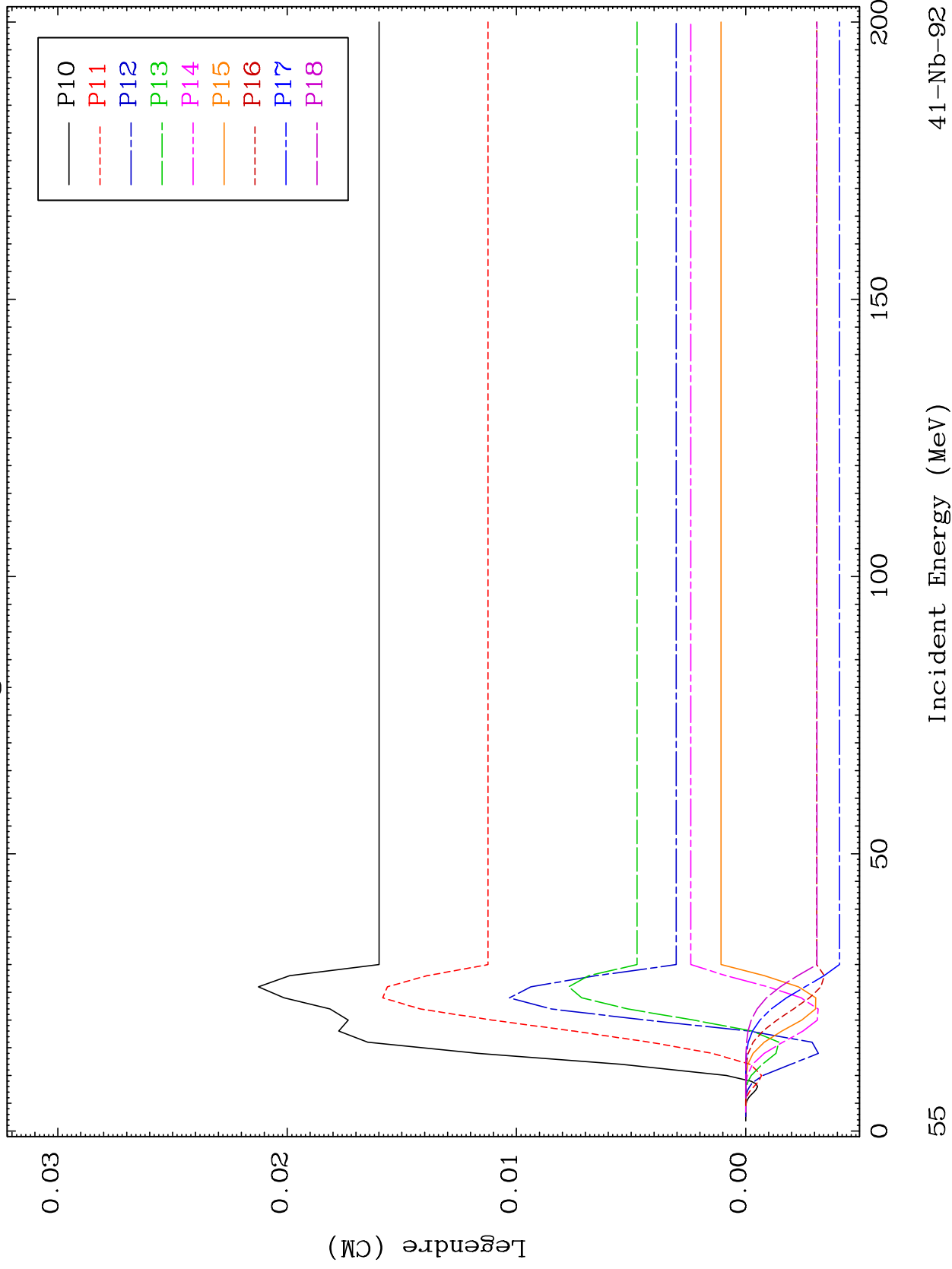
Incident Energy (MeV)

54

MAT 4122

MT= 61 (n,n') Level
Legendre Coefficients

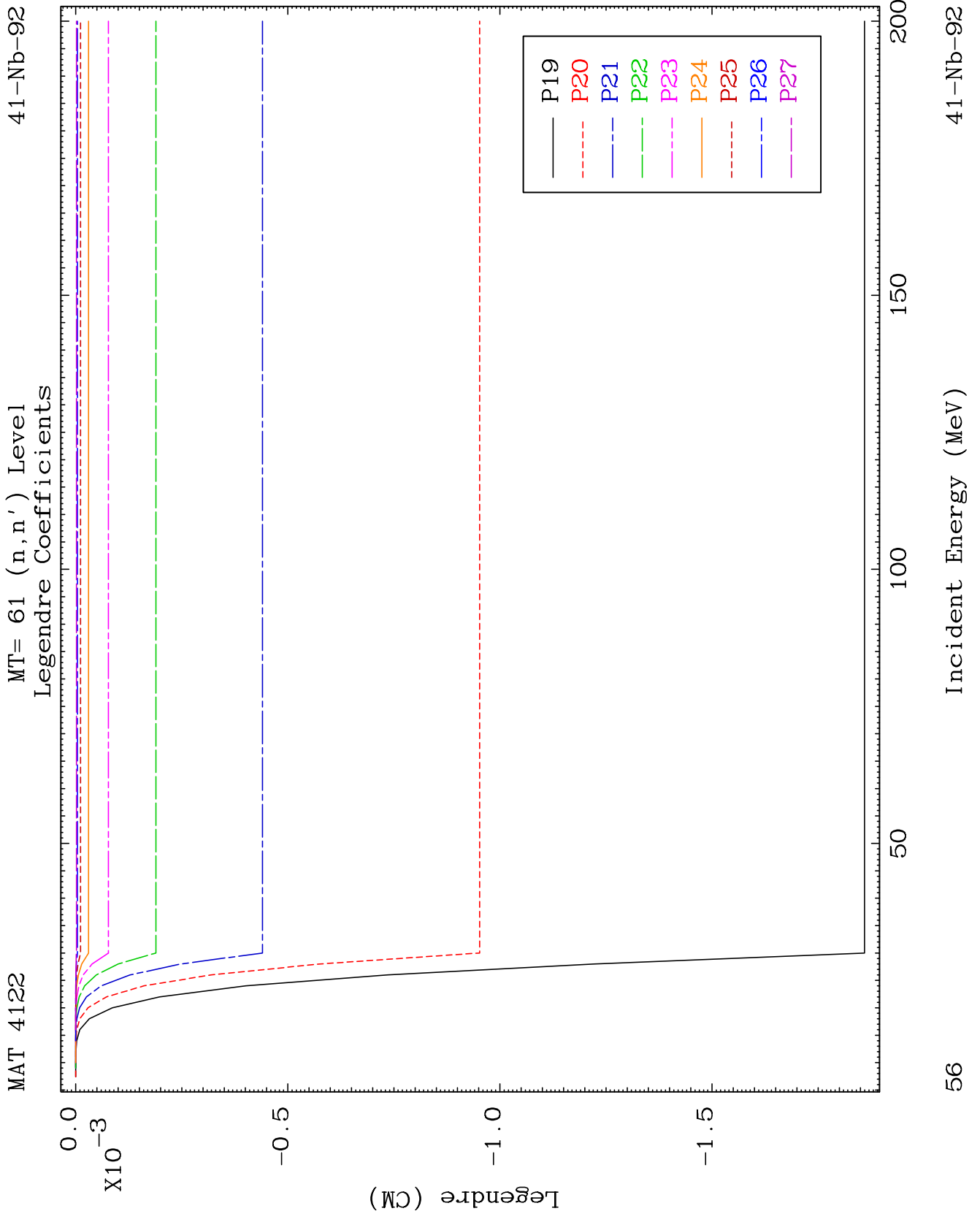
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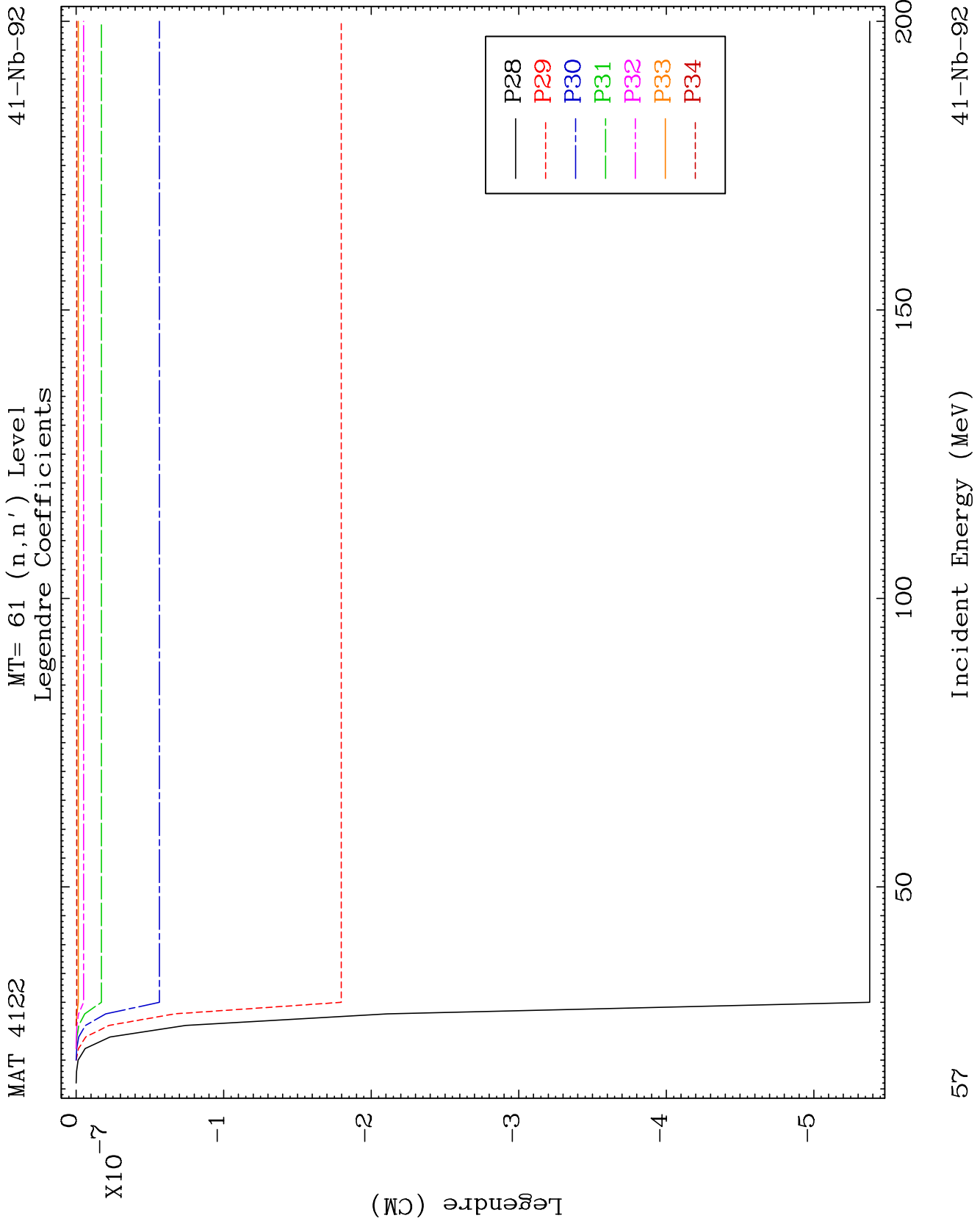


41-Nb-92

Incident Energy (MeV)

55

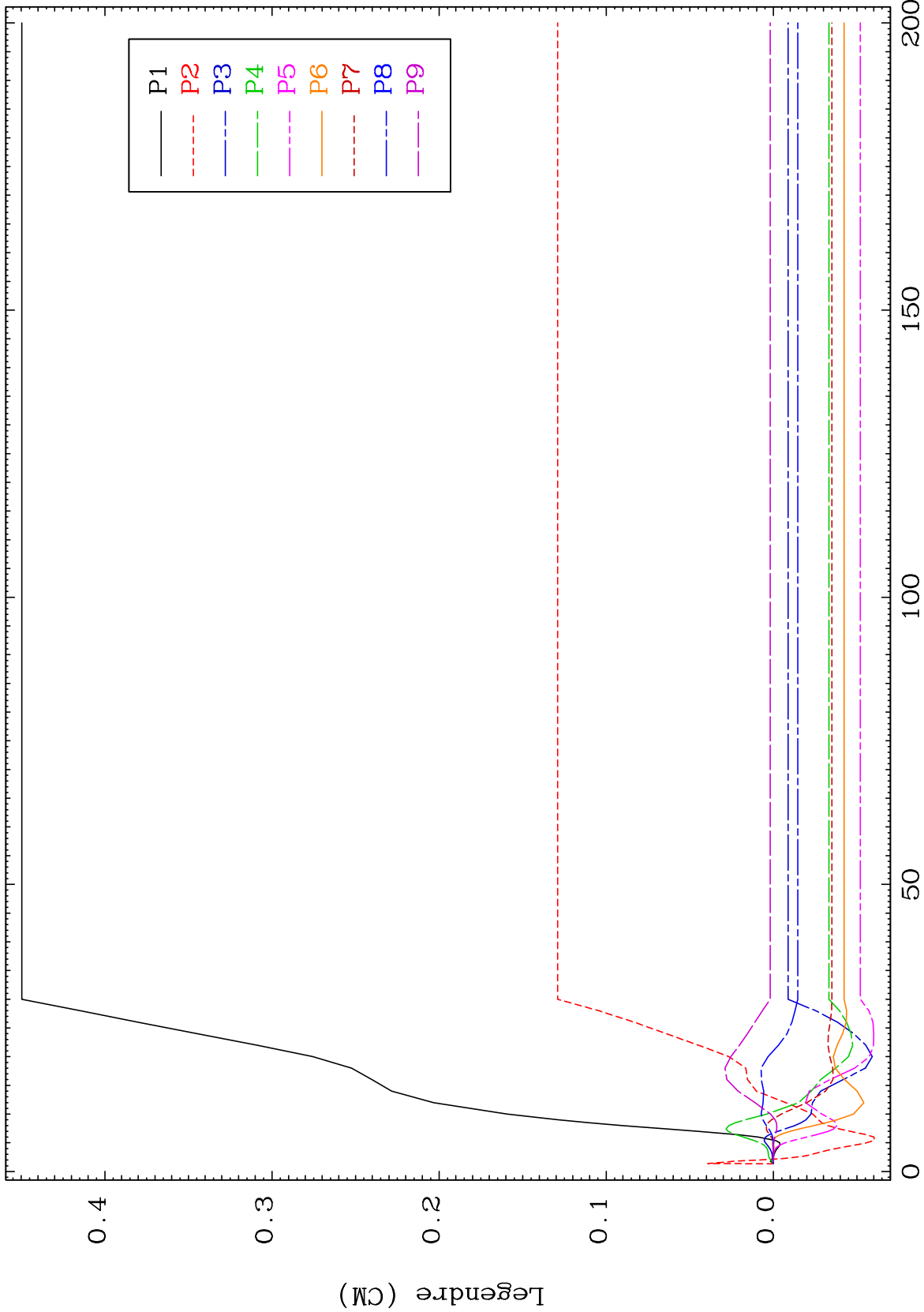




MAT 4122

MT= 62 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

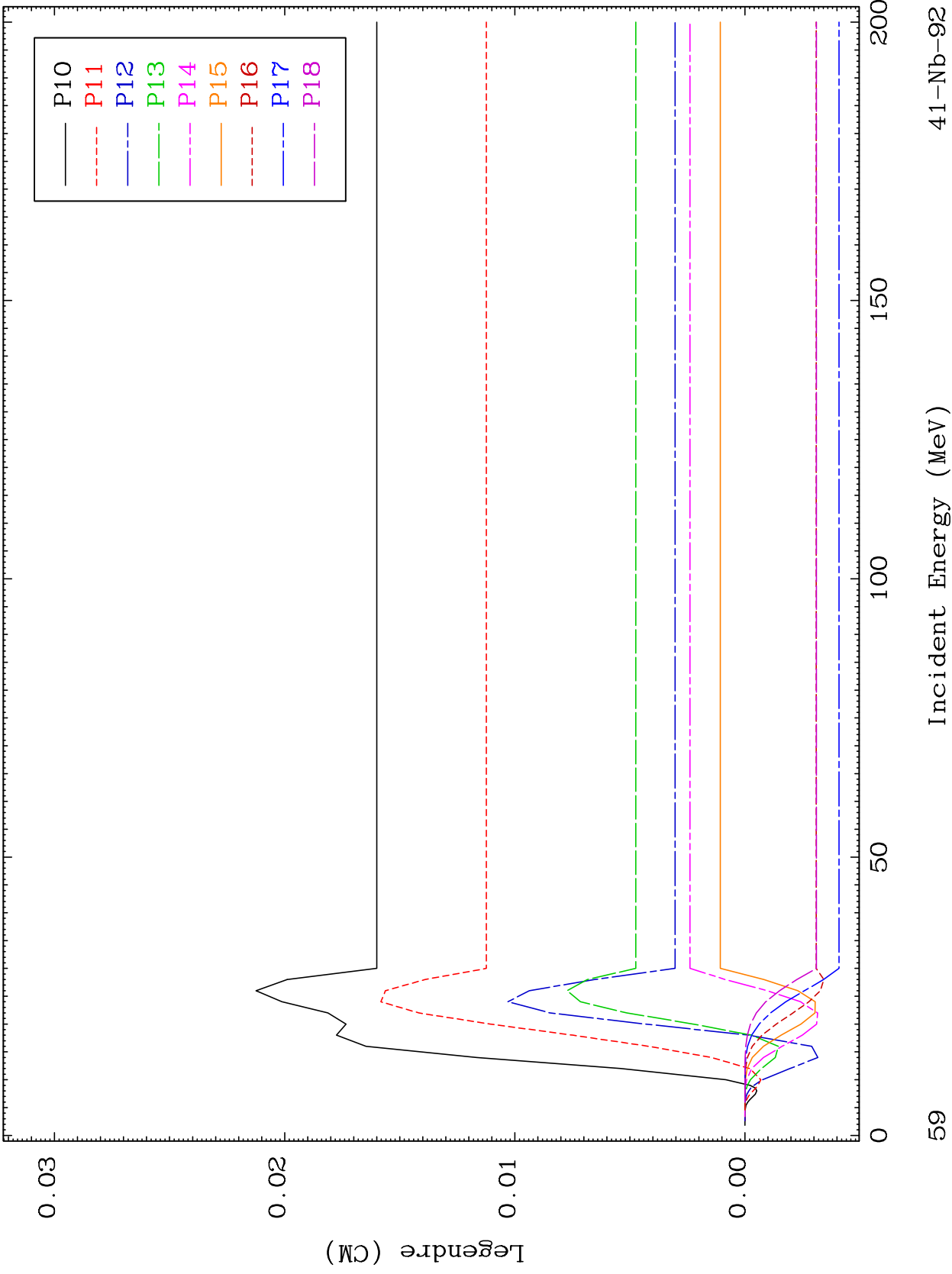
Incident Energy (MeV)

58

MAT 4122

MT= 62 (n,n') Level
Legendre Coefficients

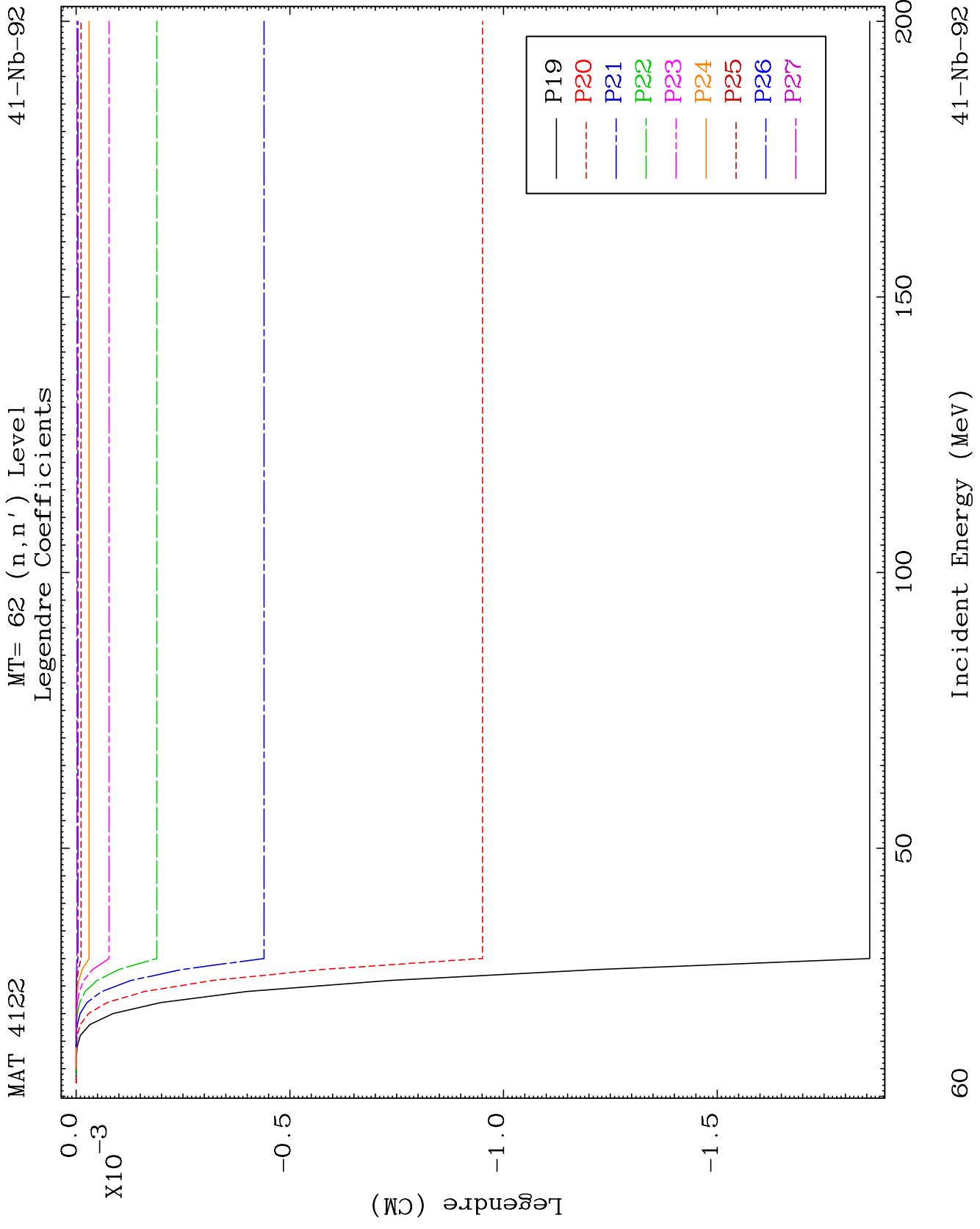
41-Nb-92

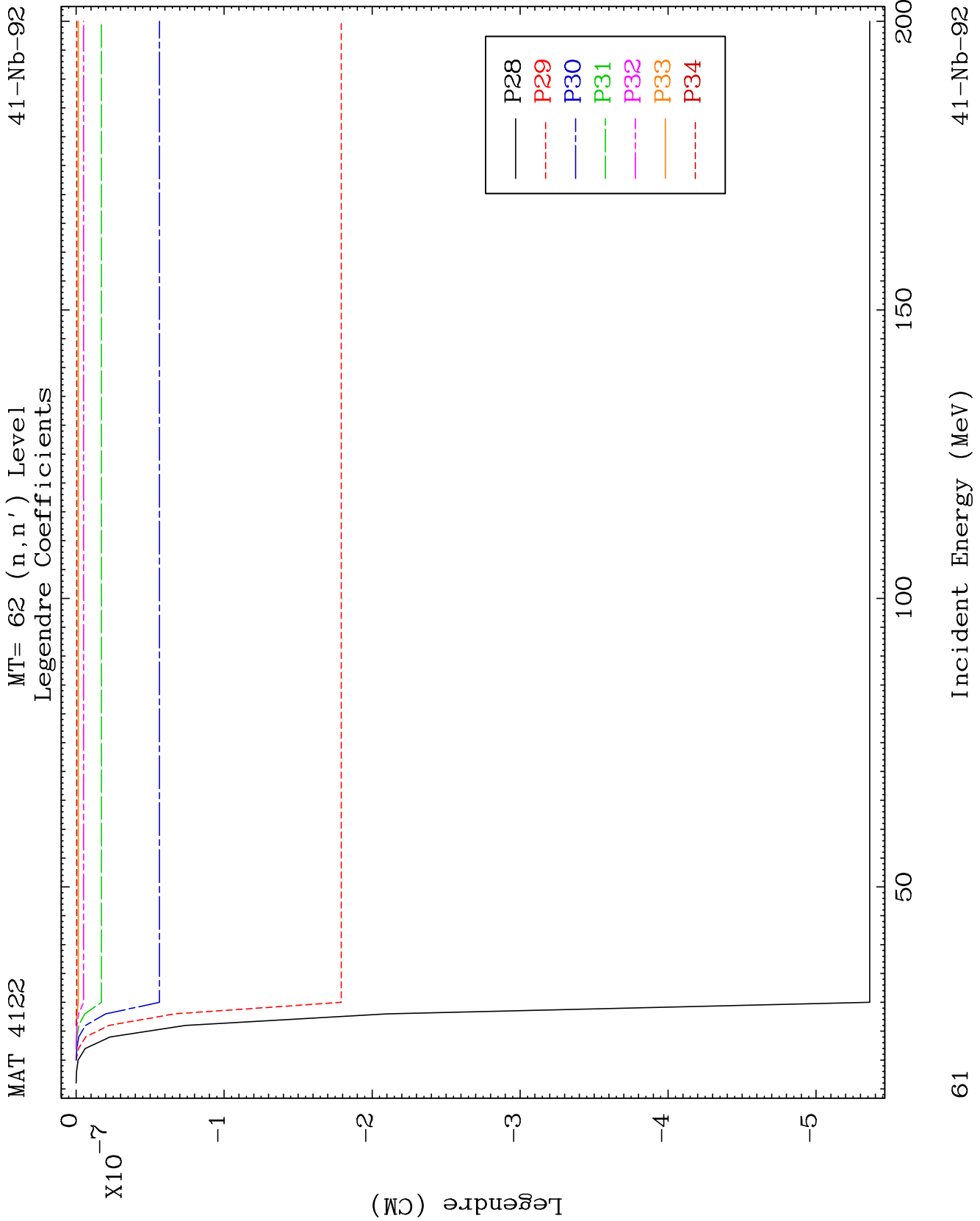


59

Incident Energy (MeV)

41-Nb-92

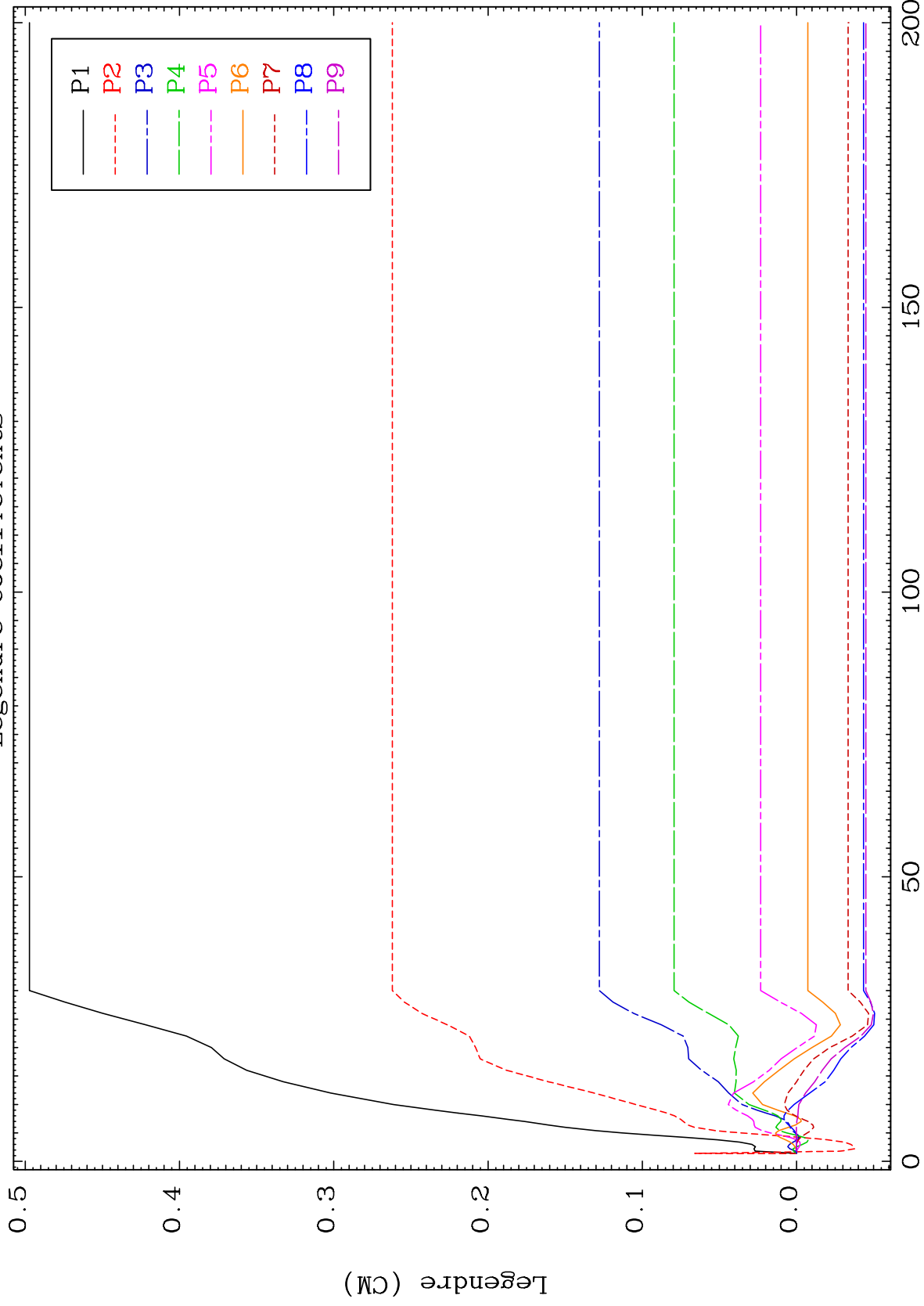




MAT 4122

MT= 63 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

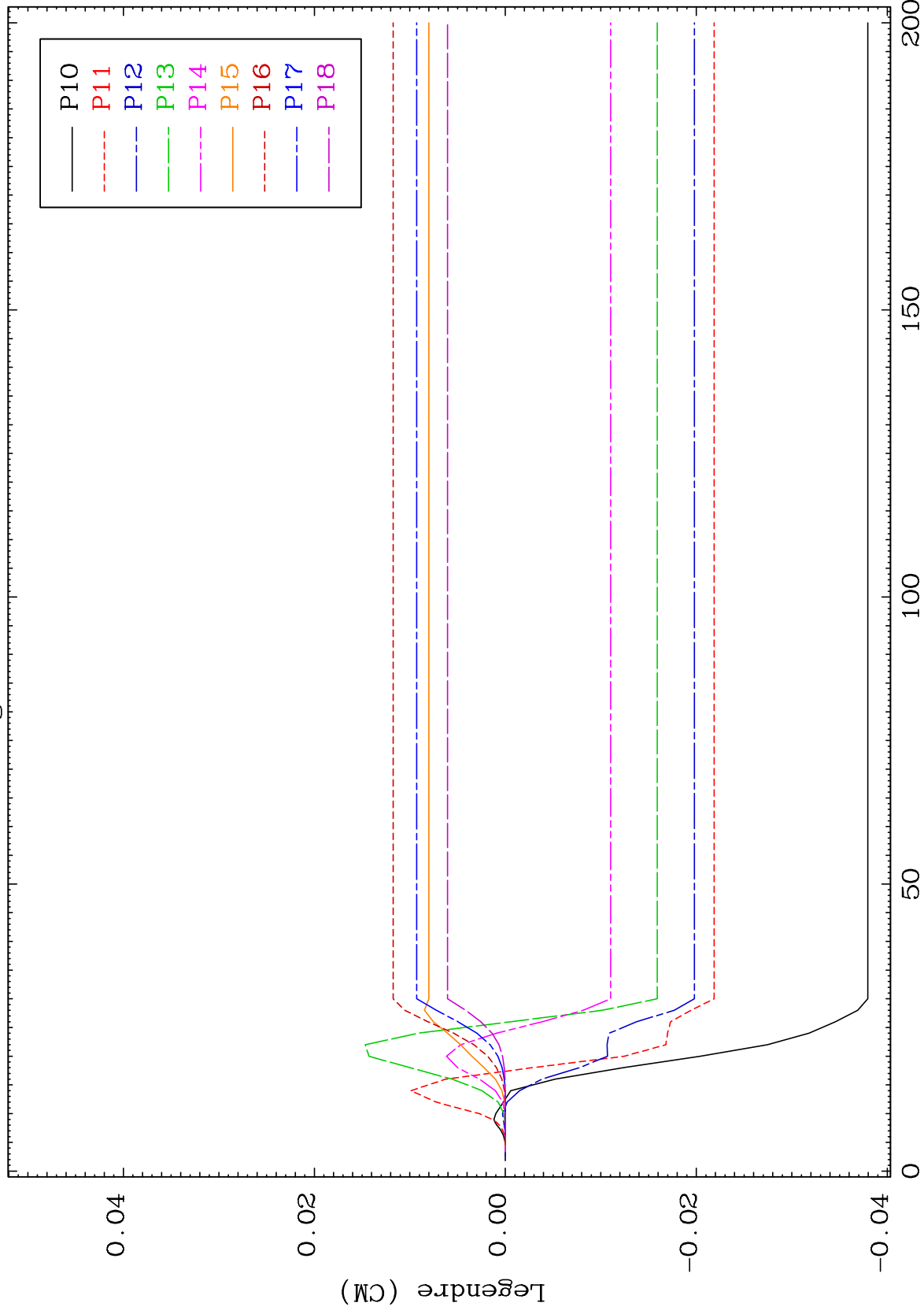
Incident Energy (MeV)

62

MAT 4122

MT= 63 (n,n') Level
Legendre Coefficients

41-Nb-92



63

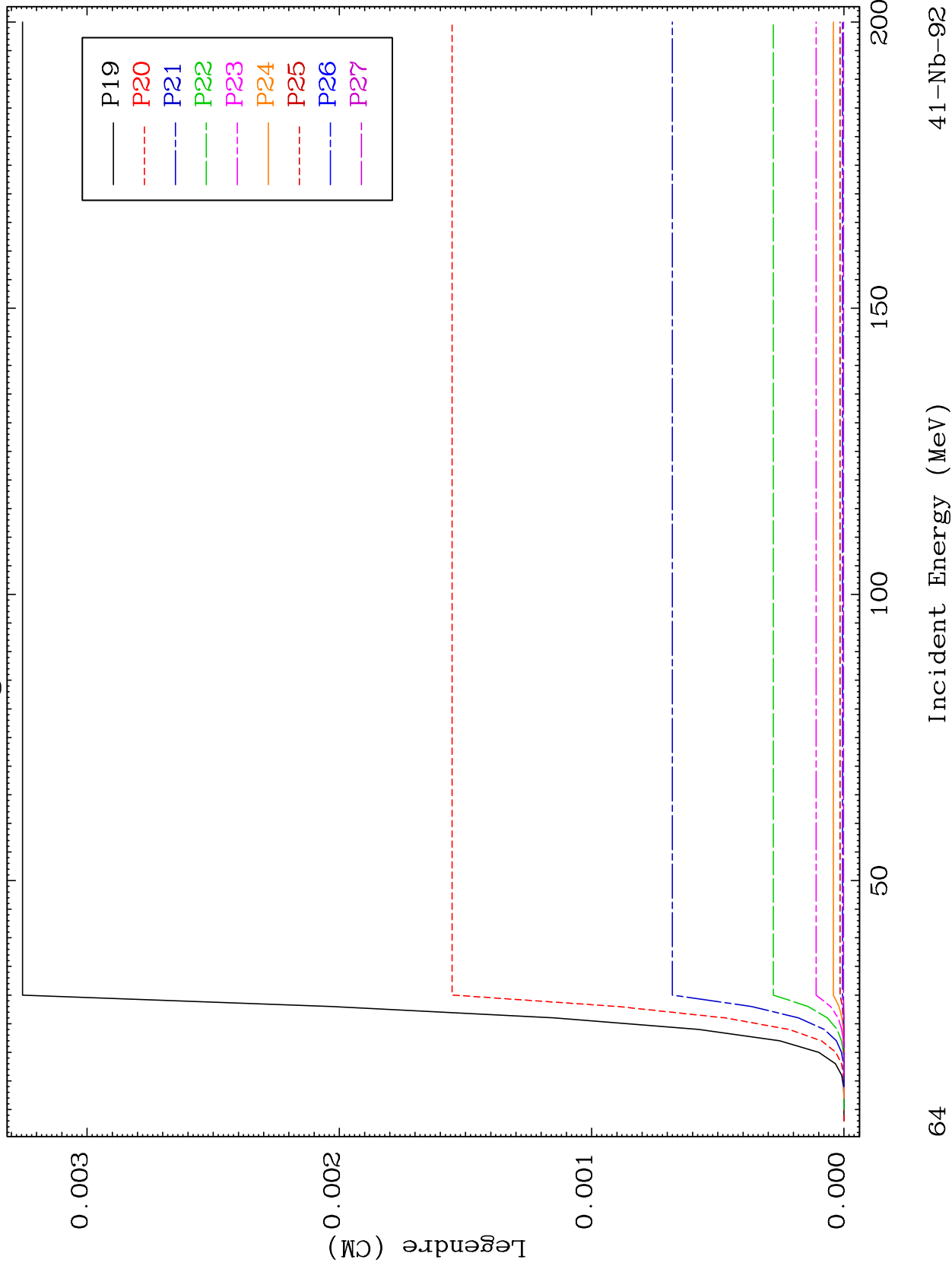
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 63 (n,n') Level
Legendre Coefficients

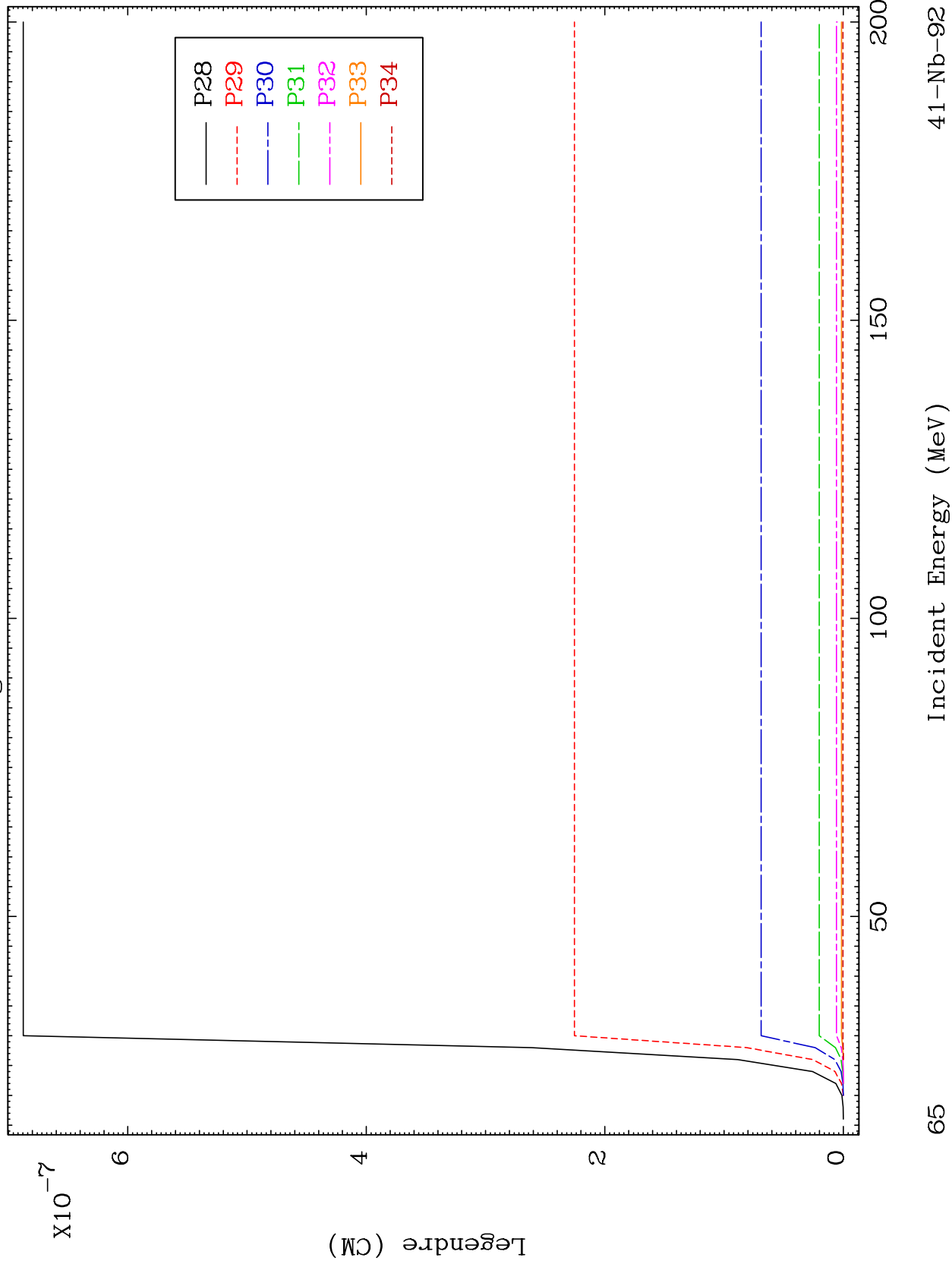
41-Nb-92



MAT 4122

MT= 63 (n,n') Level
Legendre Coefficients

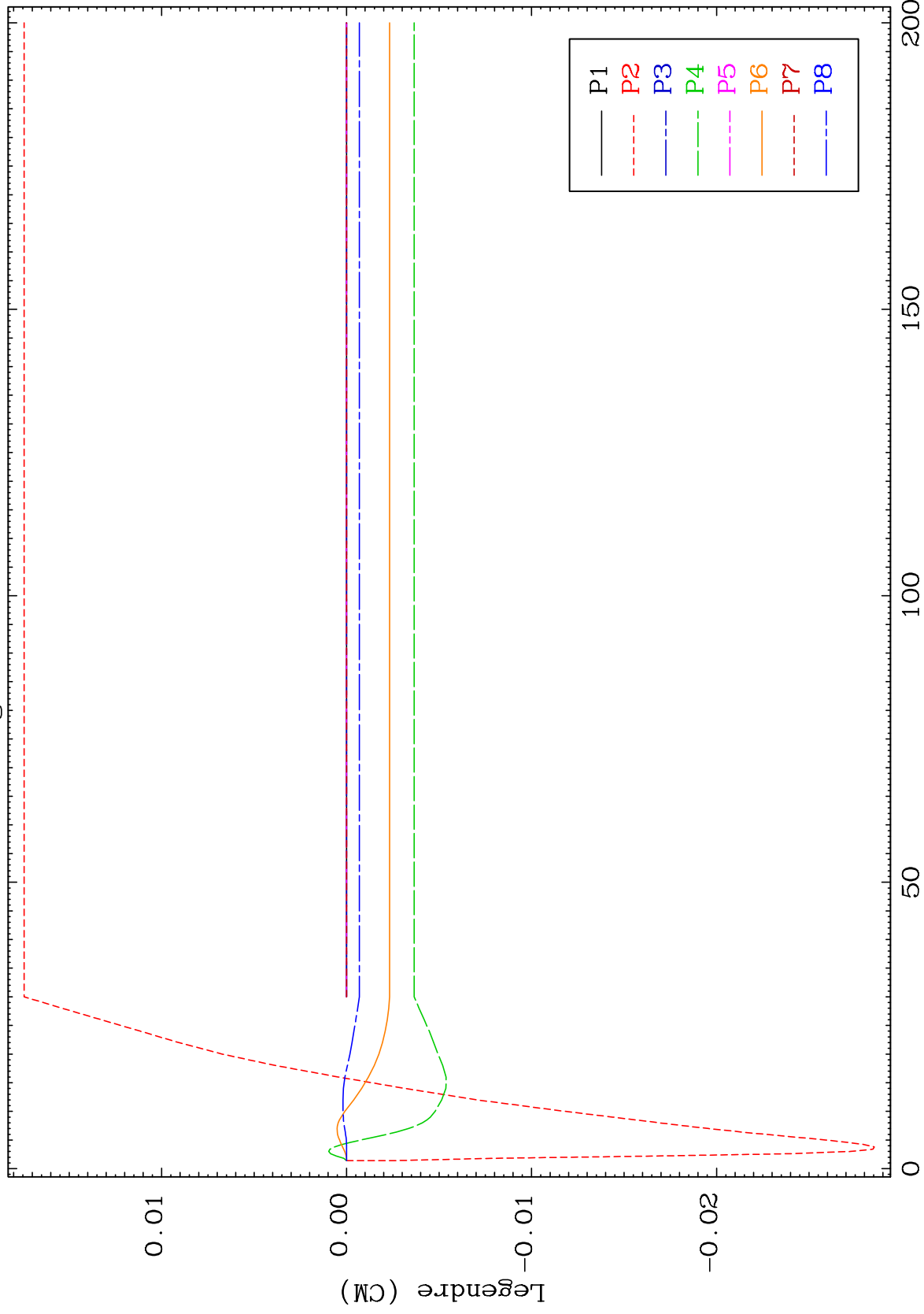
41-Nb-92



MAT 4122

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

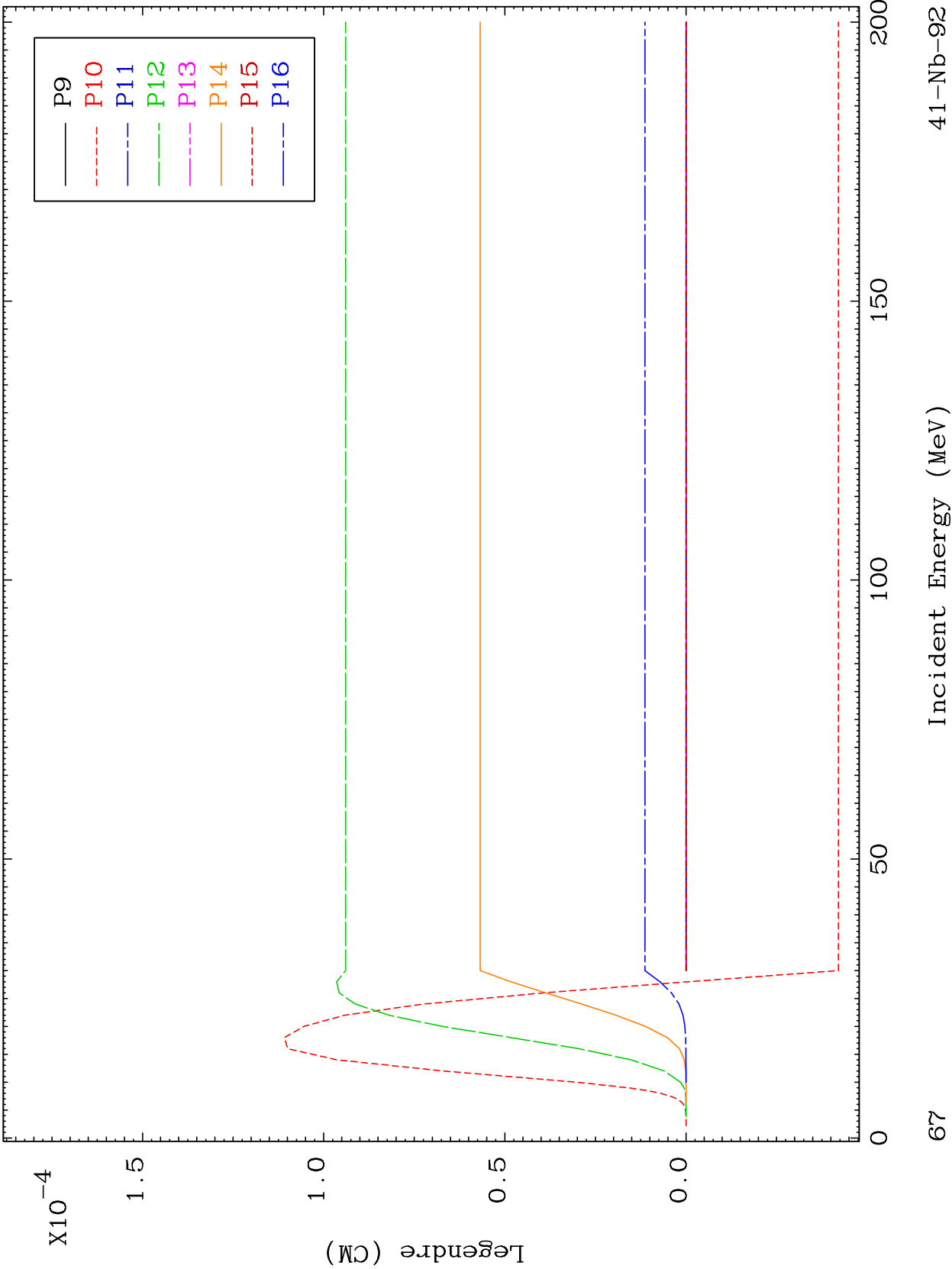
Incident Energy (MeV)

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MAT 4122

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-92



67

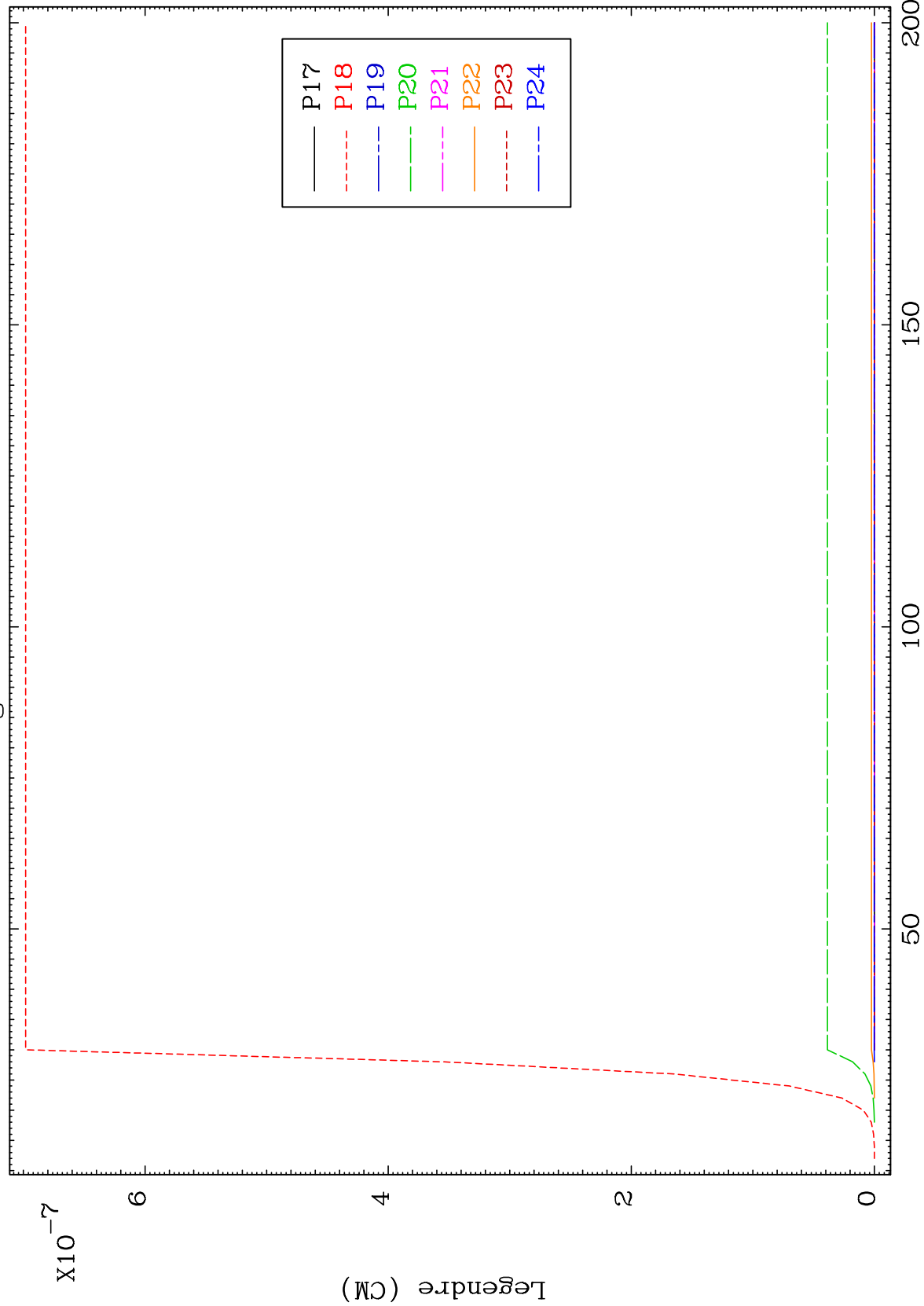
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-92

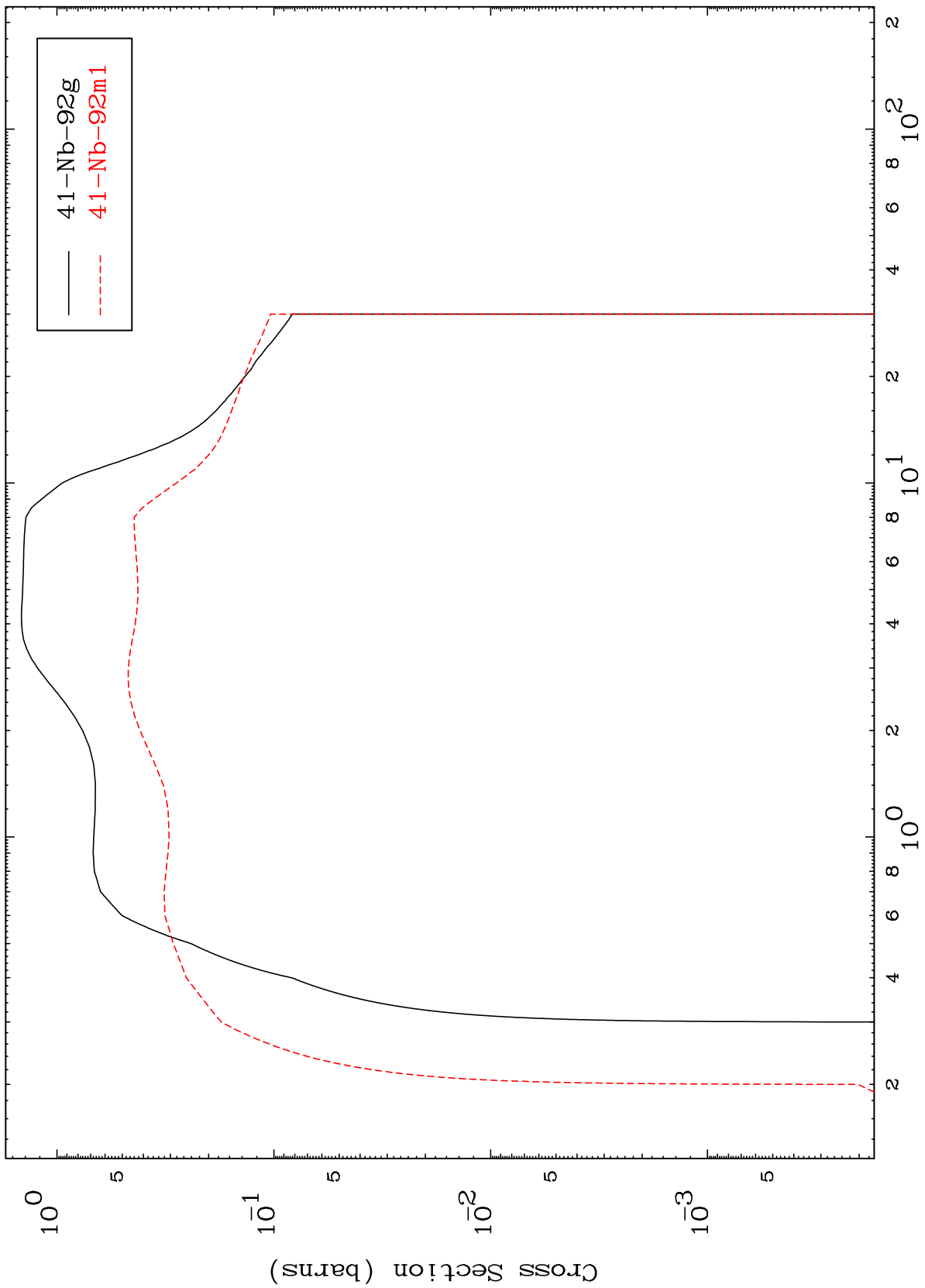


41-Nb-92

Incident Energy (MeV)

68

Inelastic
Radionuclide Production Cross Section

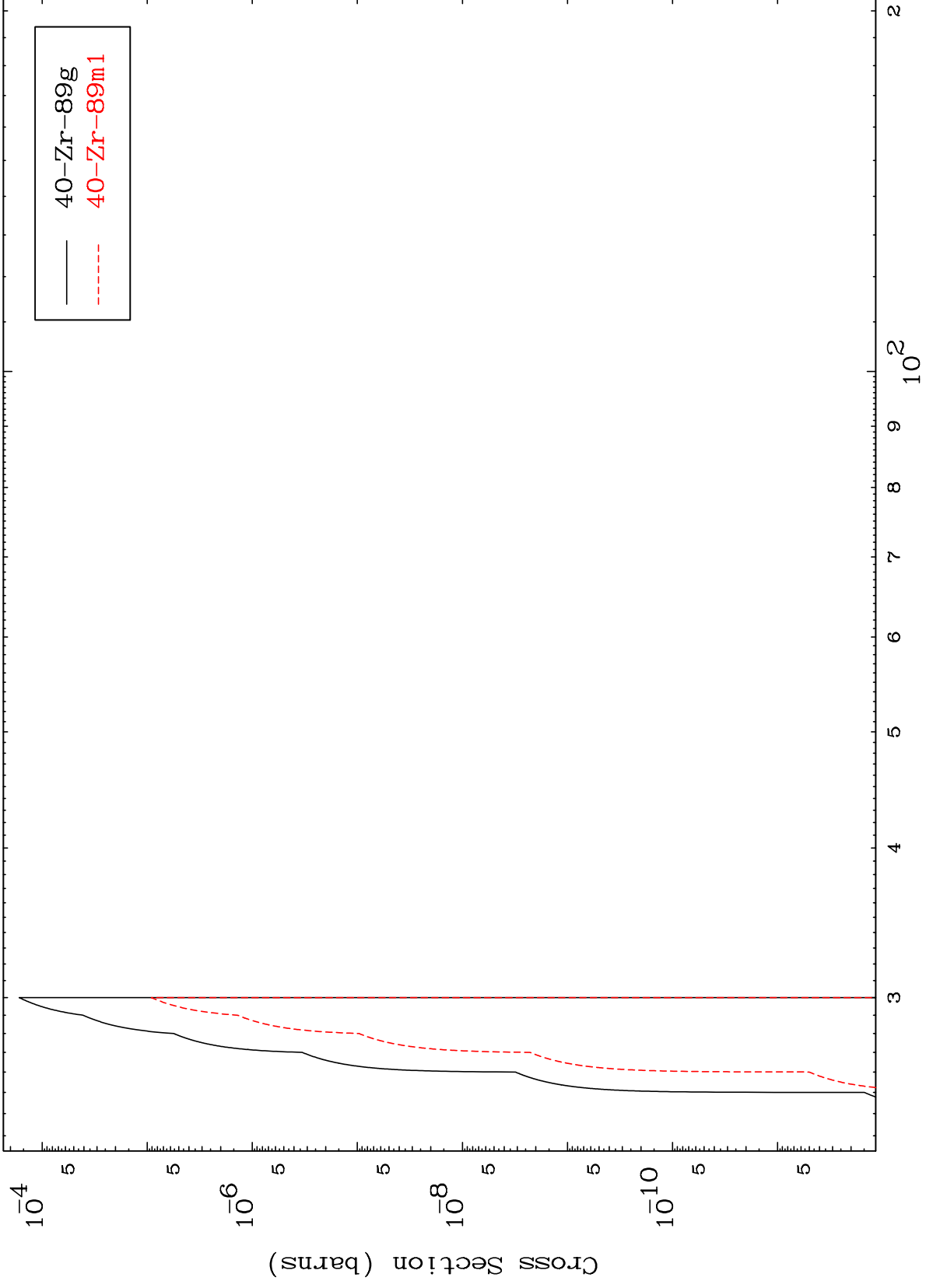


MAT 4122

(n,2n) d

41-Nb-92

Radionuclide Production Cross Section



70

Incident Energy (MeV)

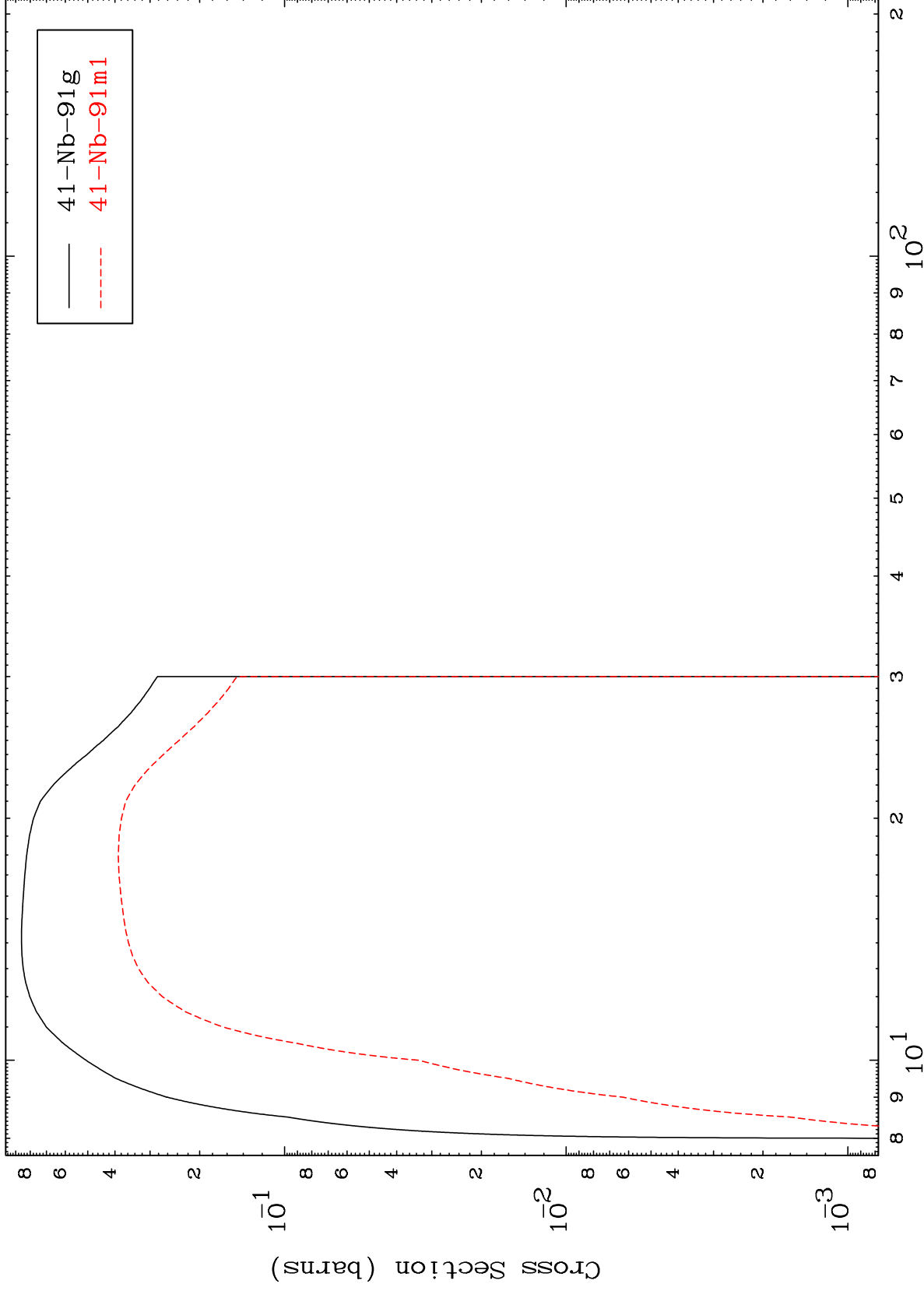
41-Nb-92

MAT 4122

(n,2n)

41-Nb-92

Radionuclide Production Cross Section



71

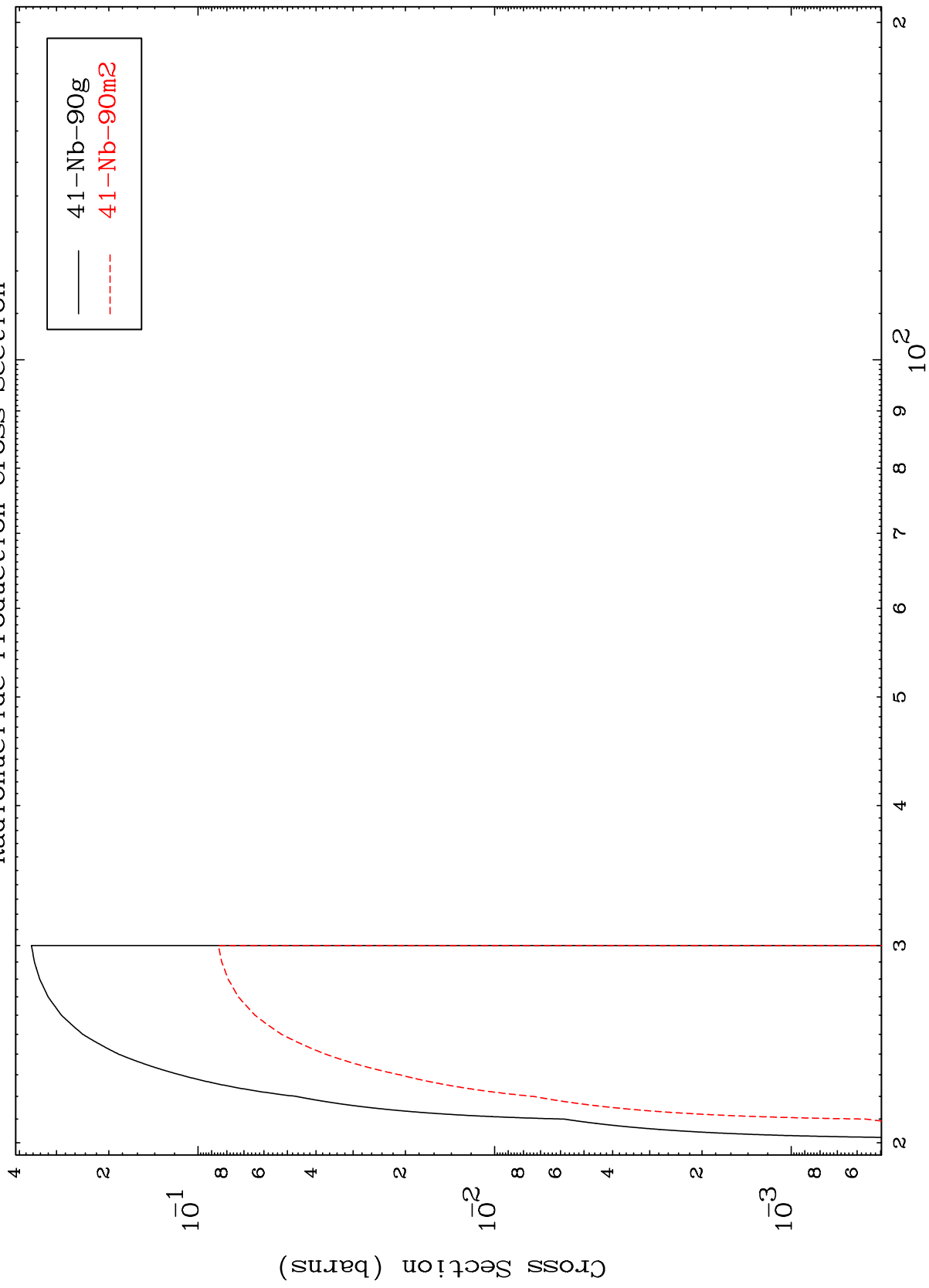
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

(n,3n)
Radionuclide Production Cross Section



72

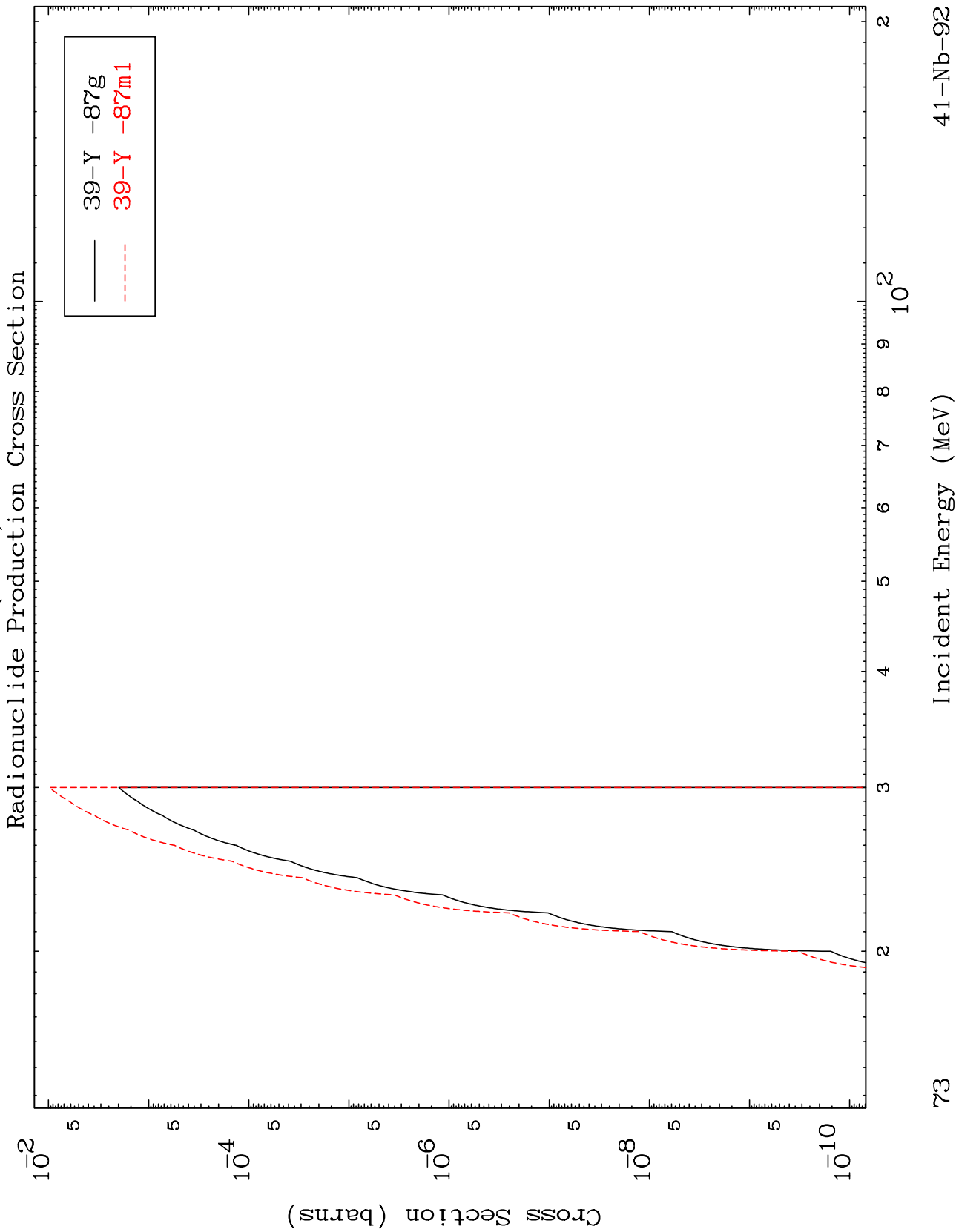
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,2n) α

41-Nb-92



73

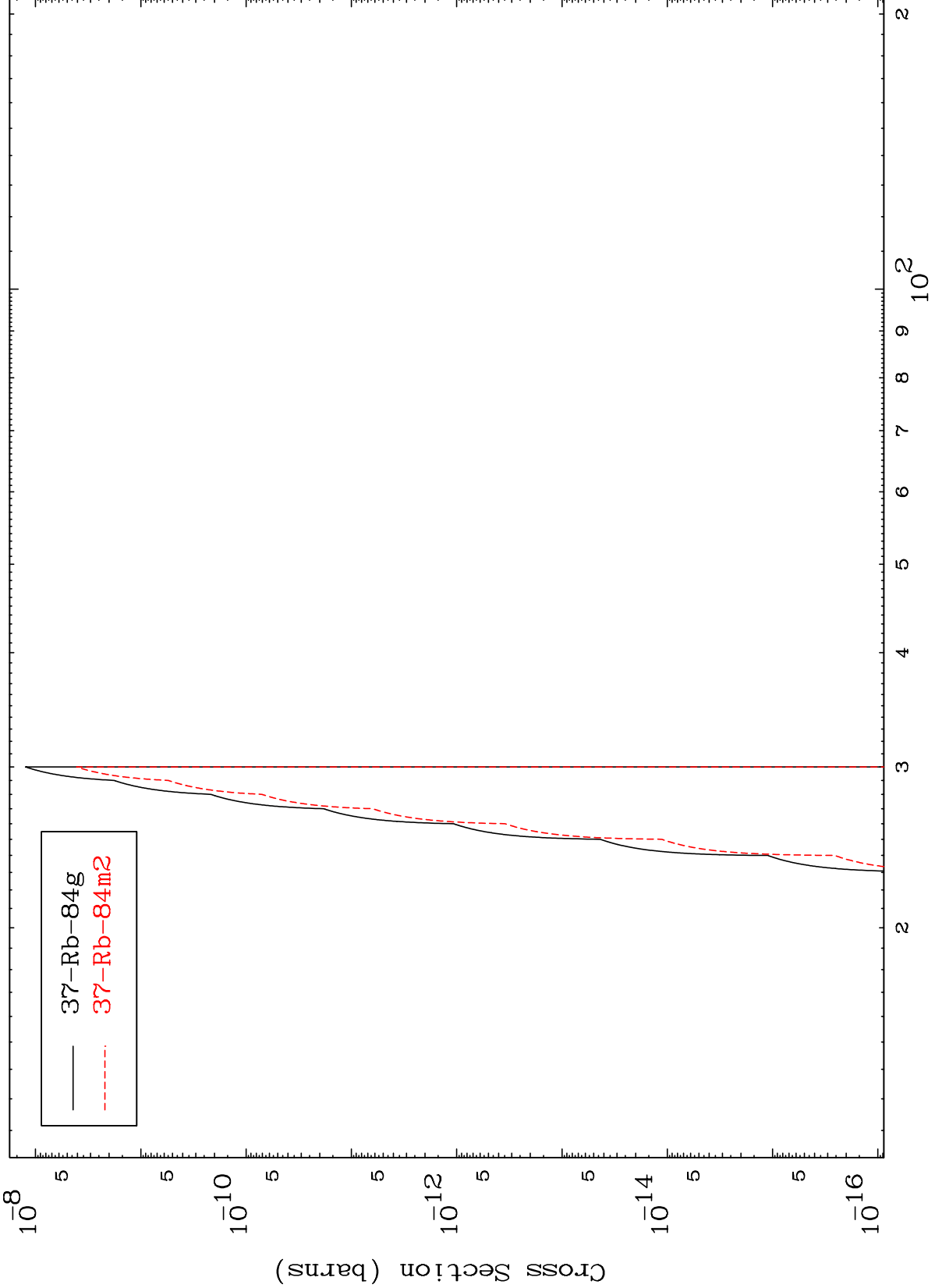
41-Nb-92

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(n,n') 2 α

41-Nb-92

Radionuclide Production Cross Section

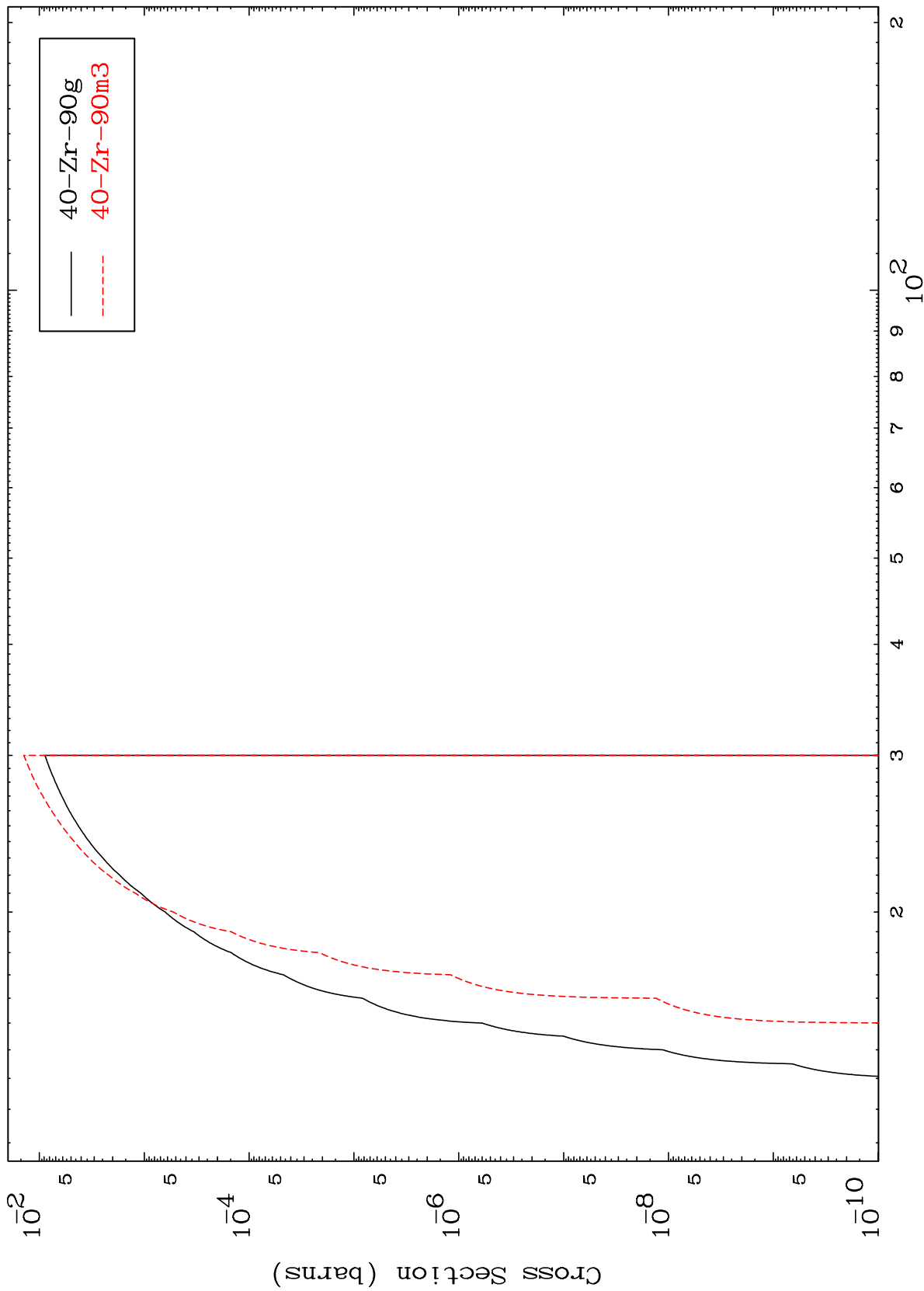


74

Incident Energy (MeV)

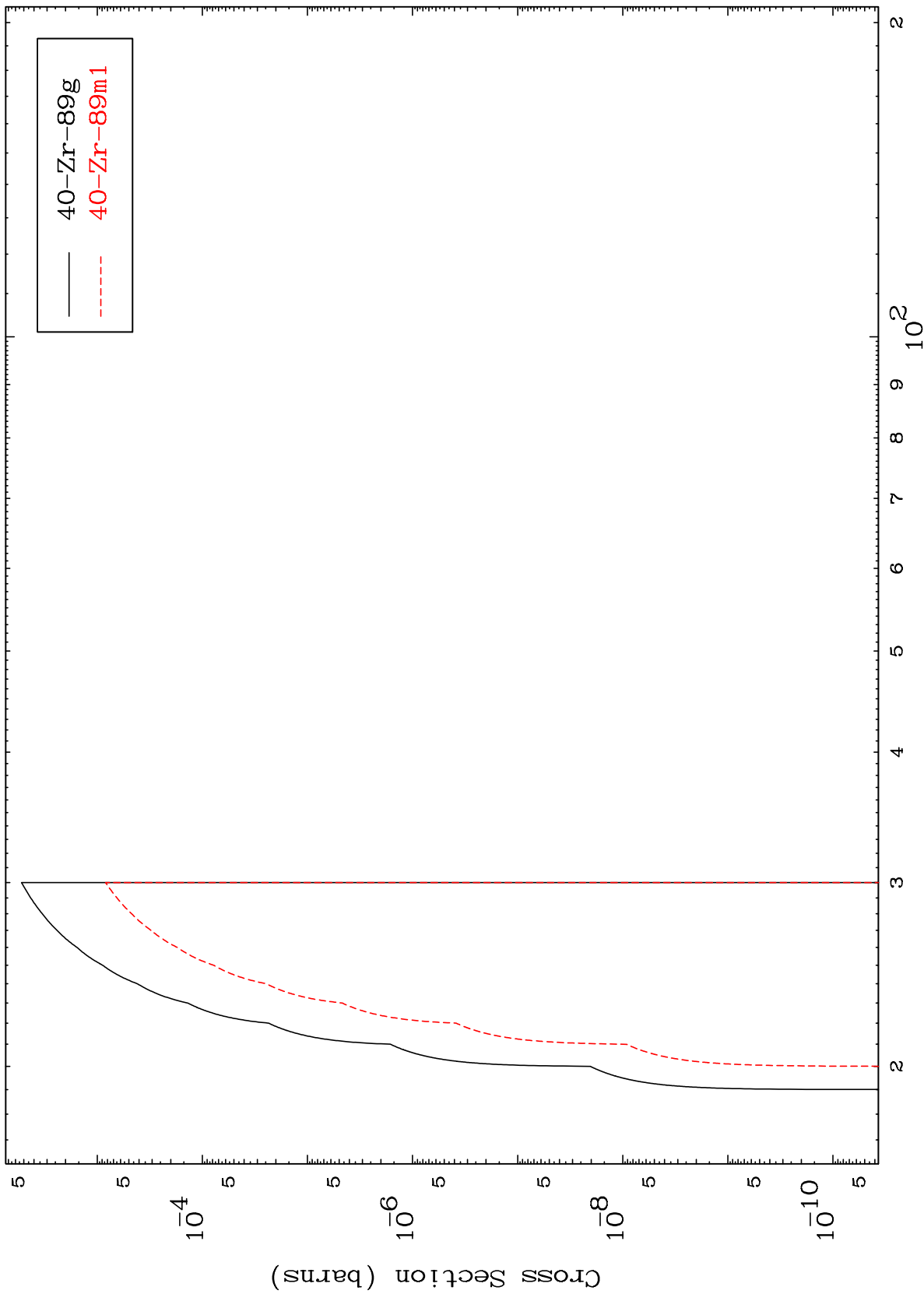
41-Nb-92

Radionuclide Production Cross Section



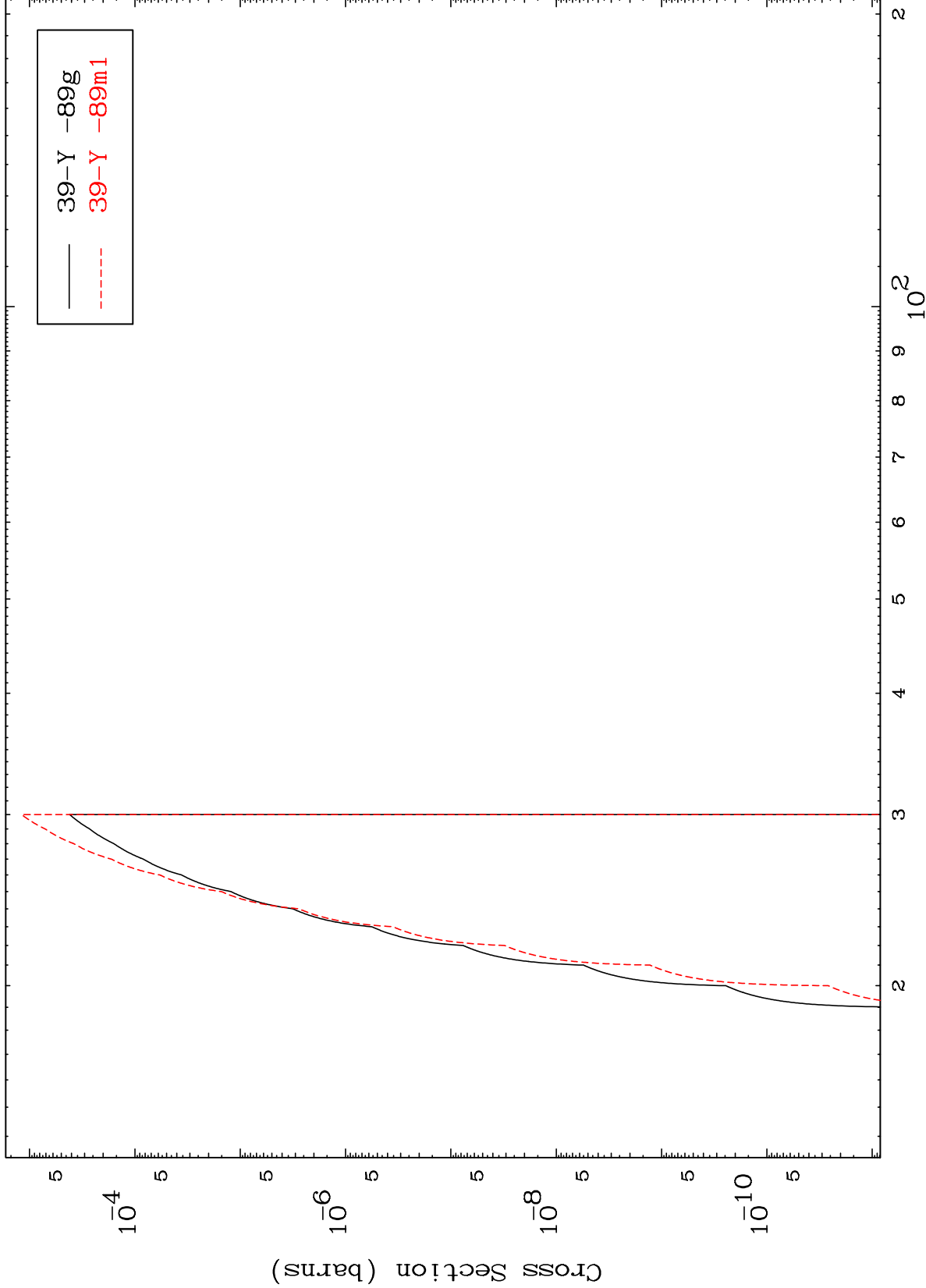
40-Zr-90g
40-Zr-90m3

Radionuclide Production Cross Section

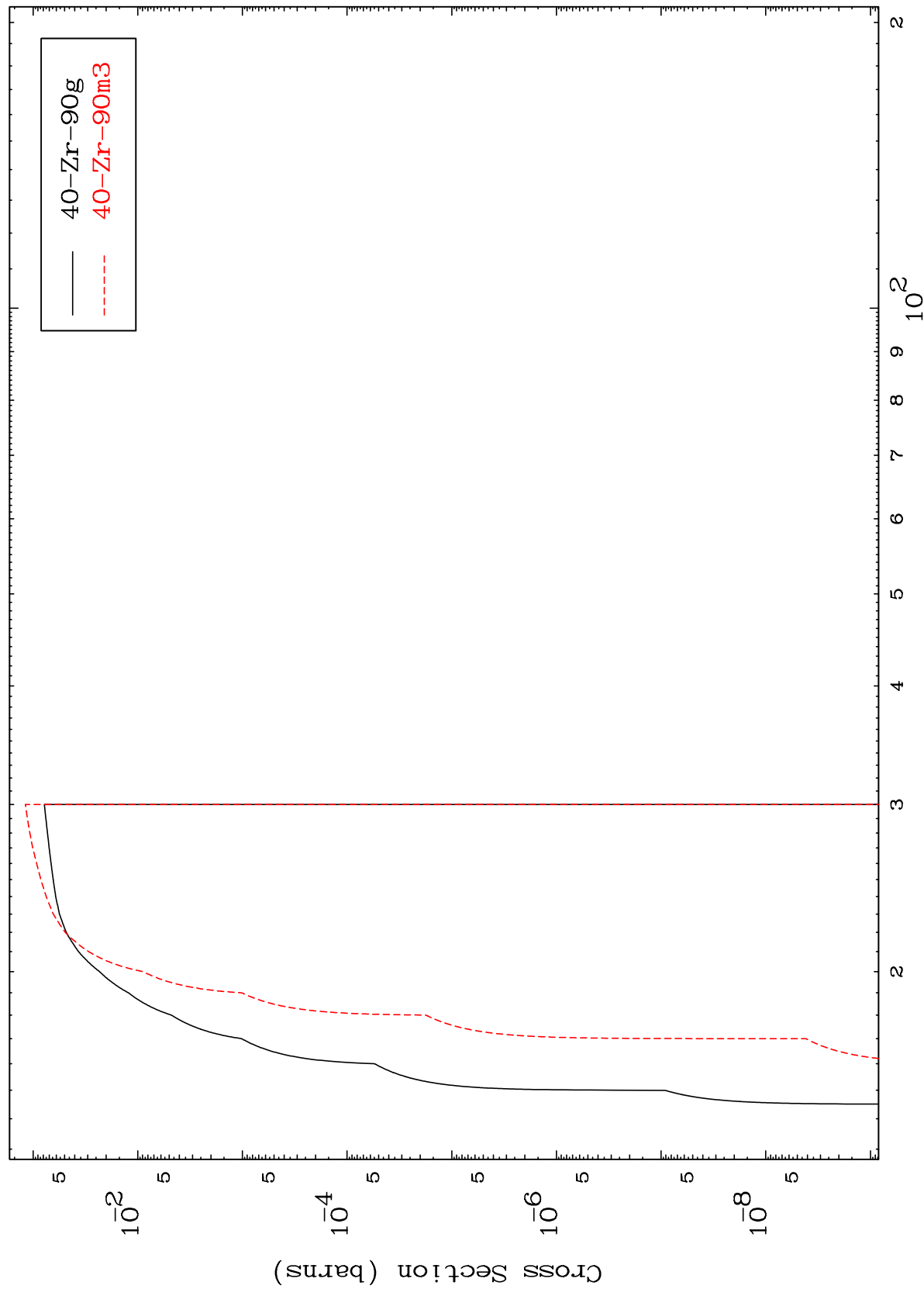


40-Zr-89g
40-Zr-89m1

Radionuclide Production Cross Section



Radionuclide Production Cross Section



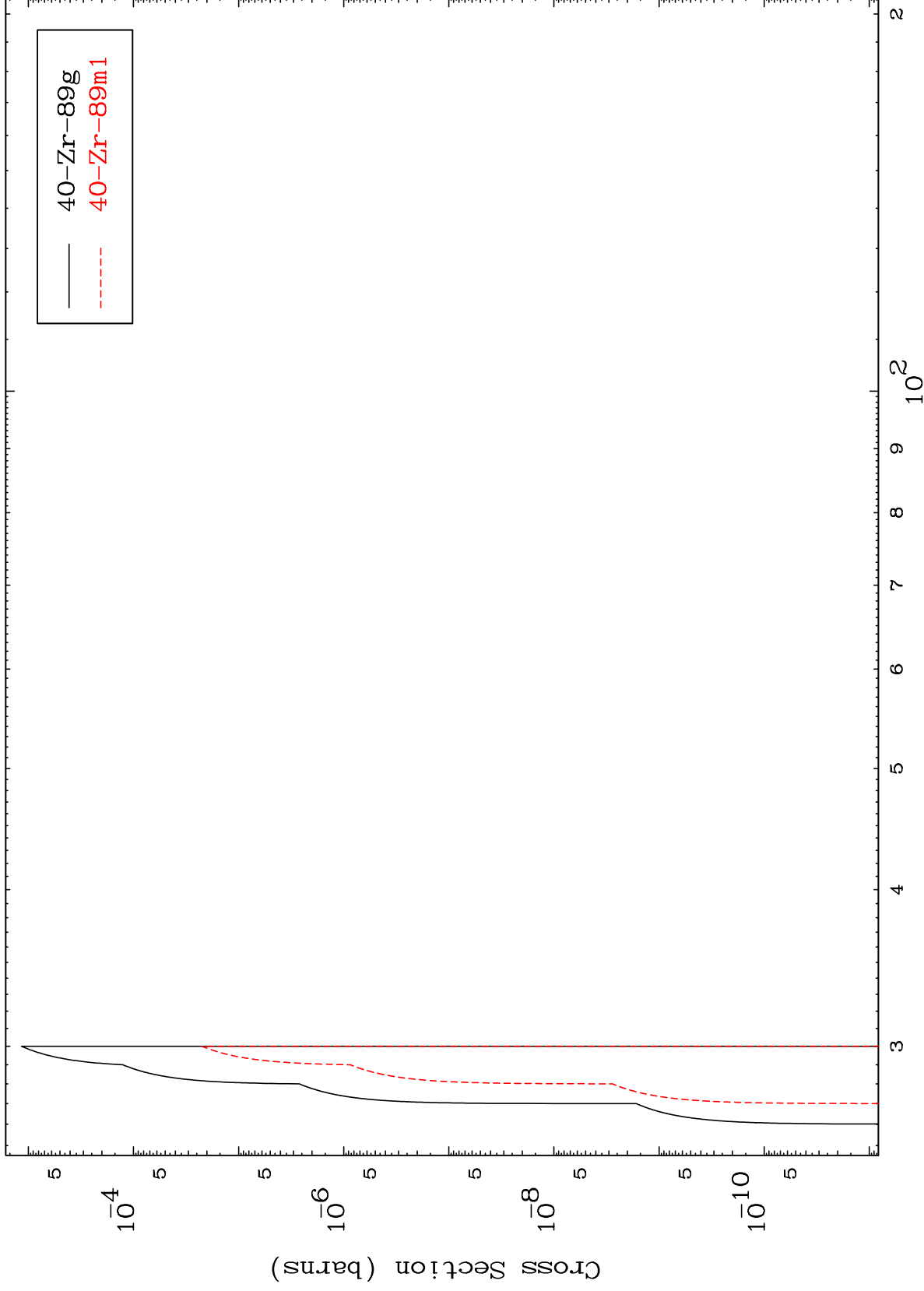
40-Zr-90g
40-Zr-90m3

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(n,3n) p

41-Nb-92

Radionuclide Production Cross Section

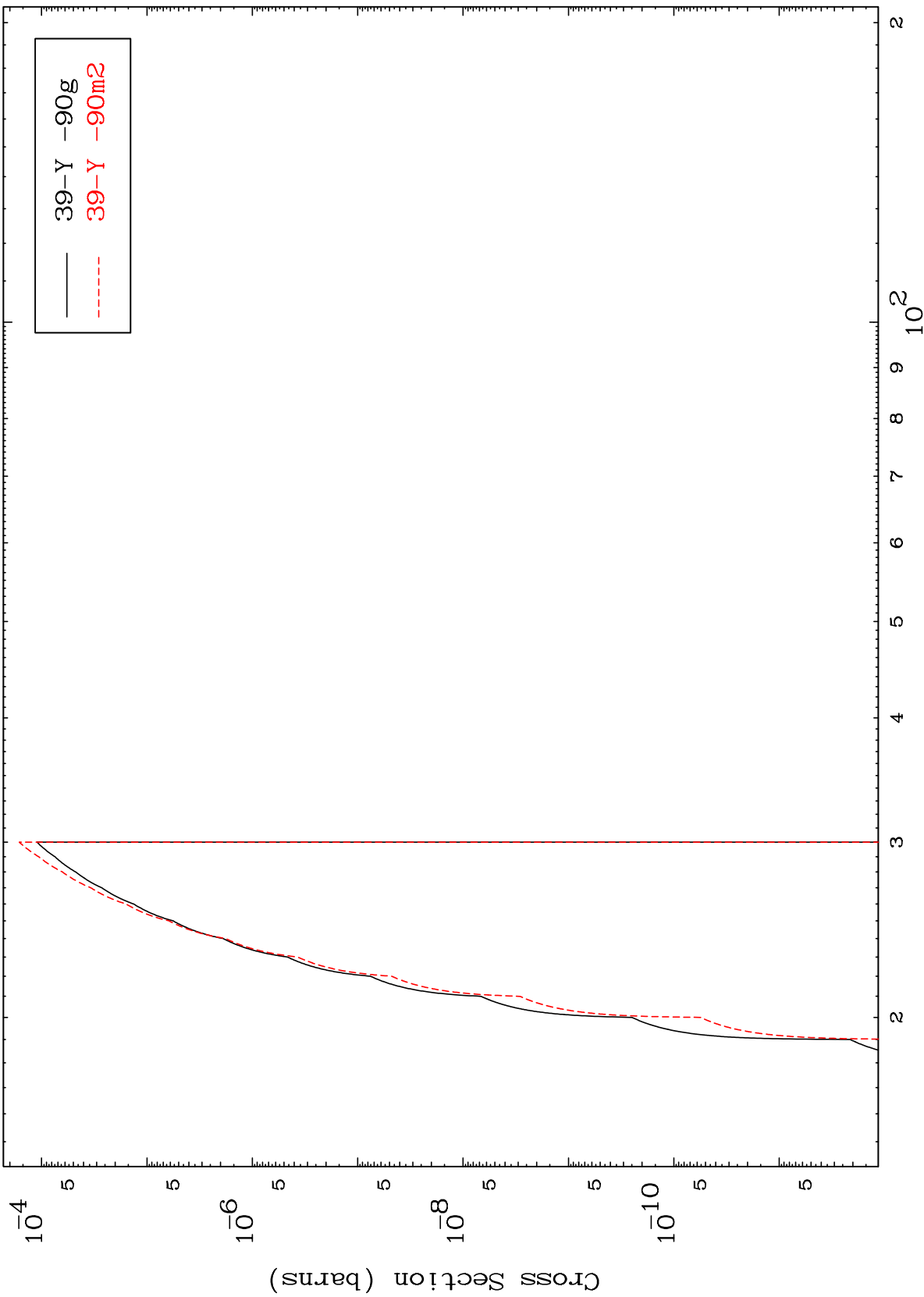


79

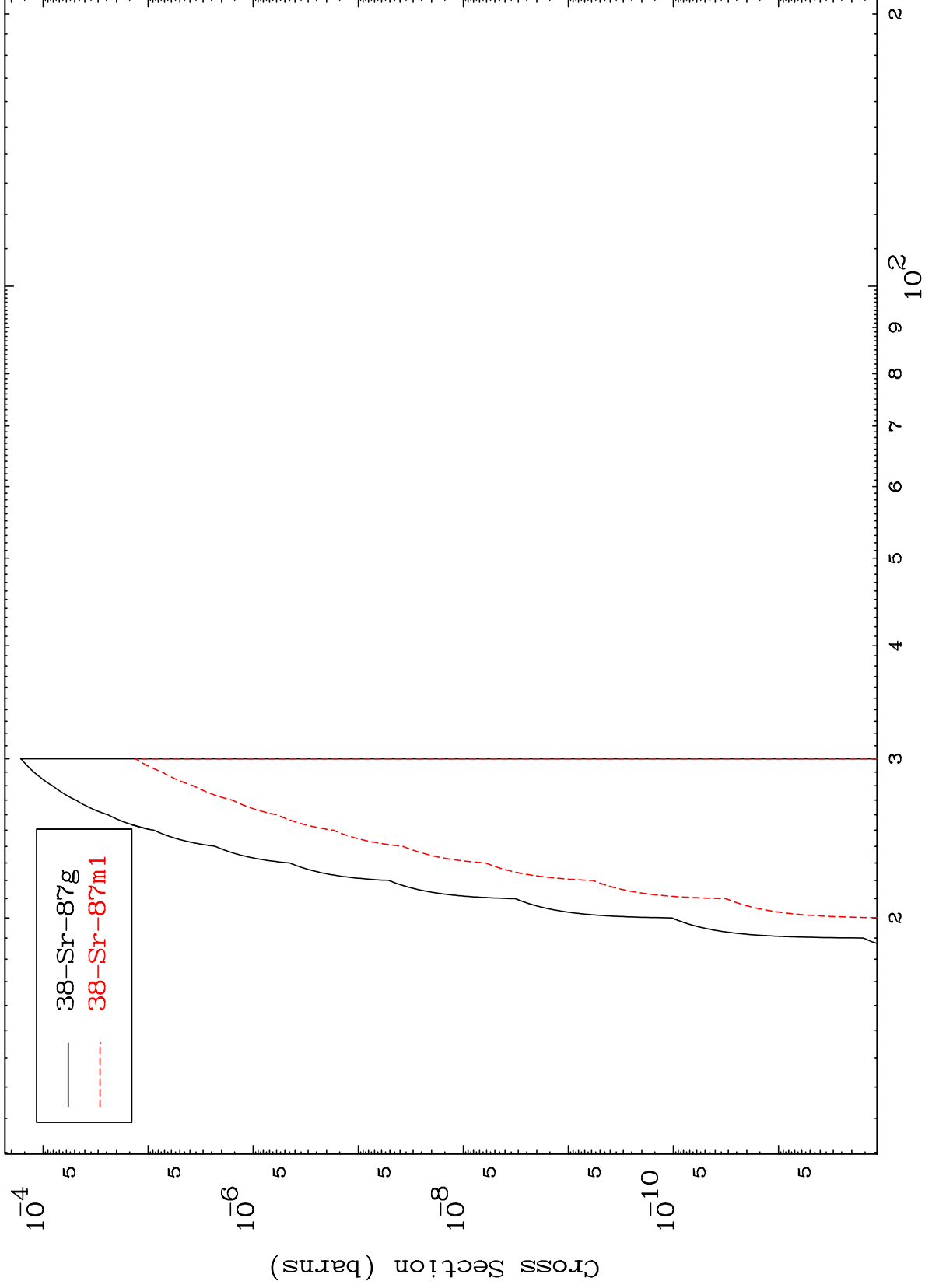
Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section



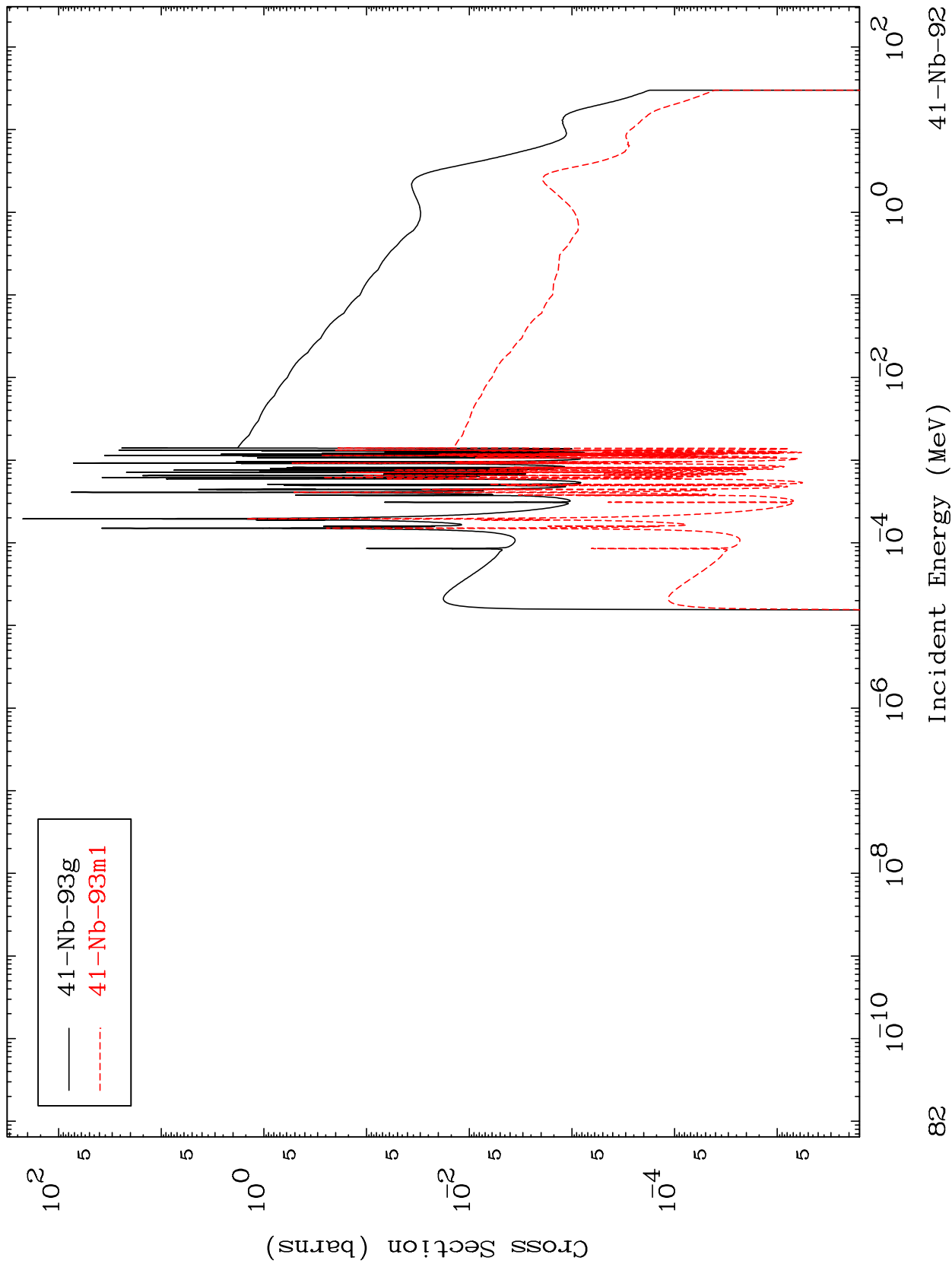
Radionuclide Production Cross Section

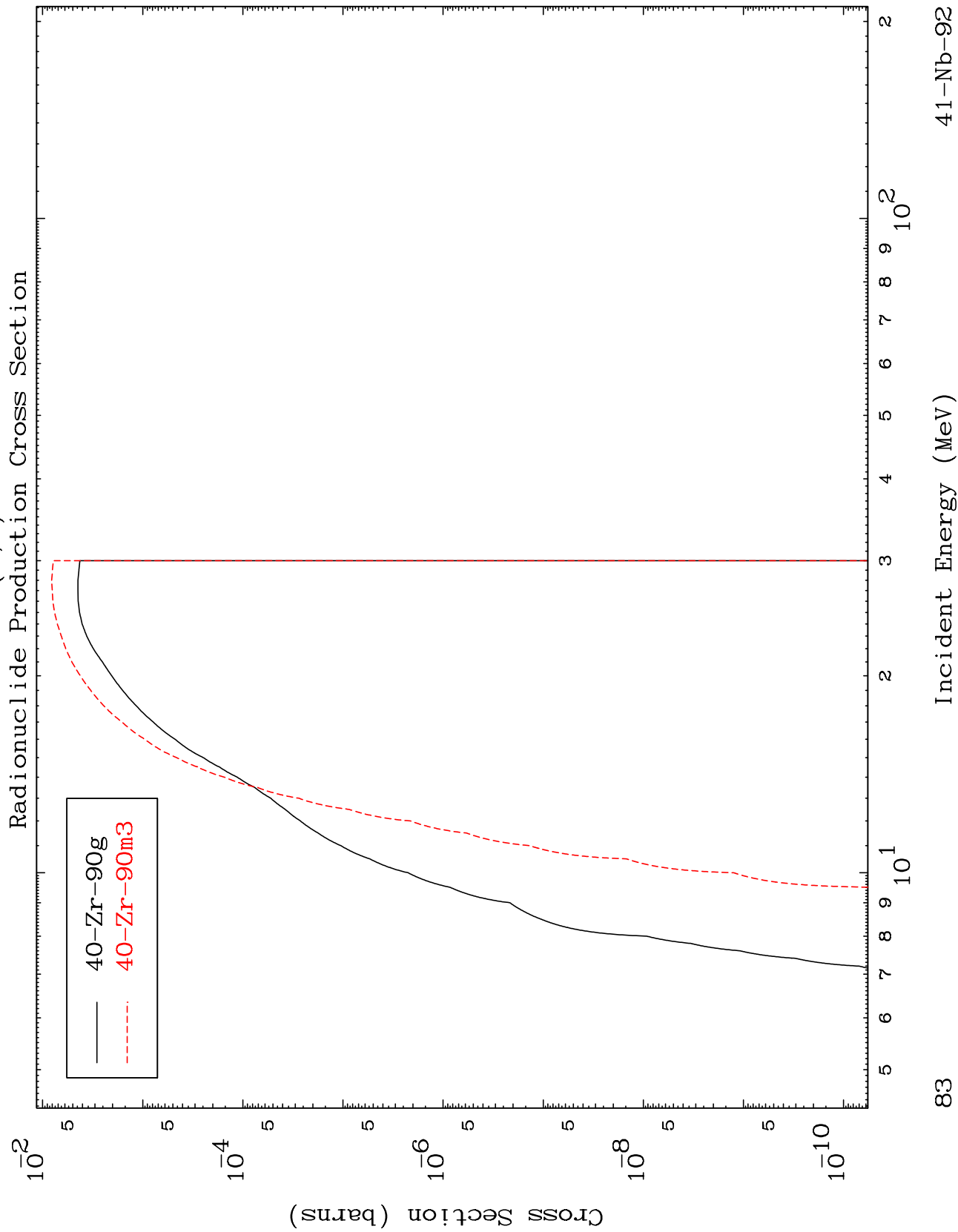


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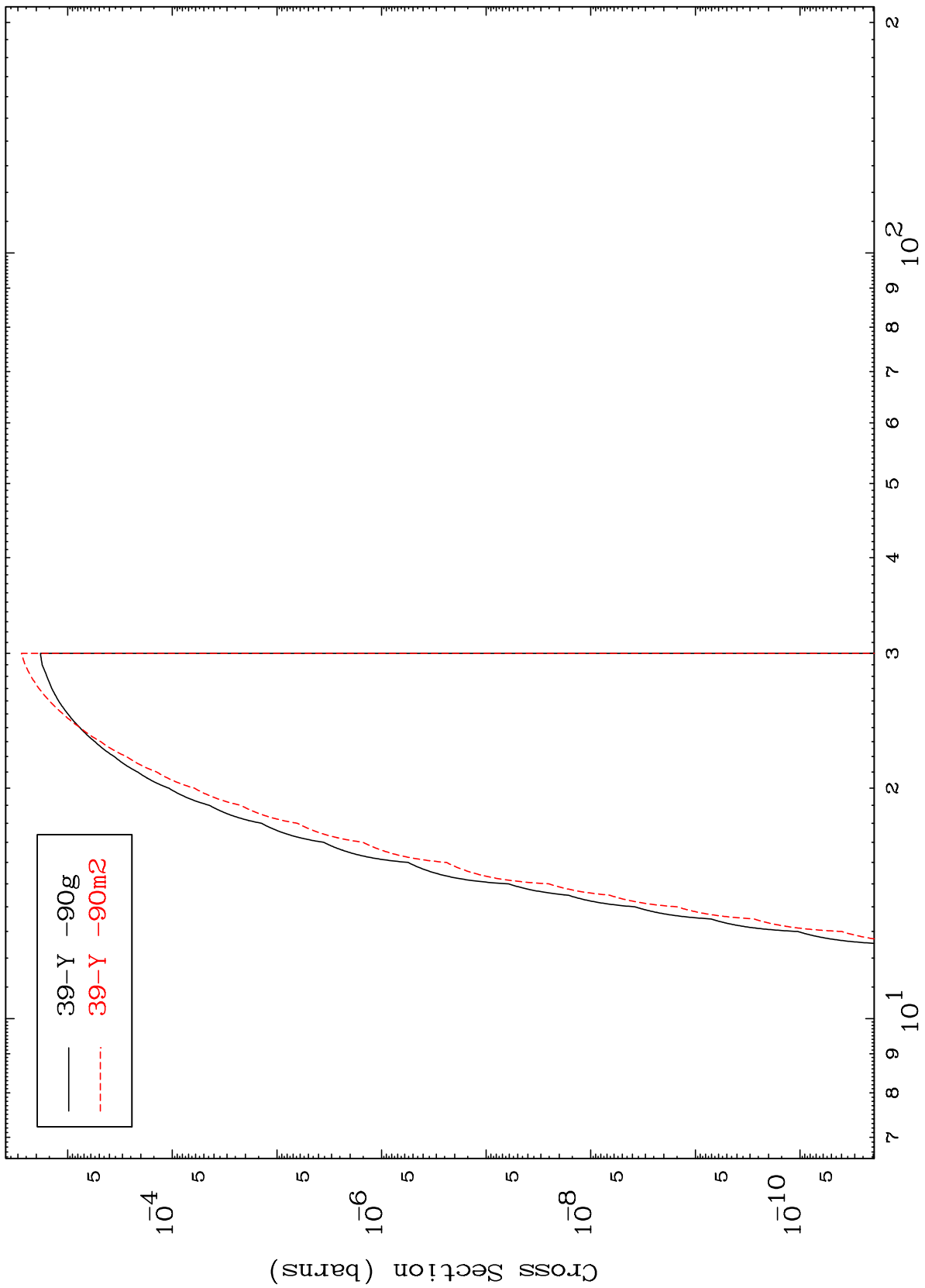
41-Nb-92

(n, γ)
Radionuclide Production Cross Section



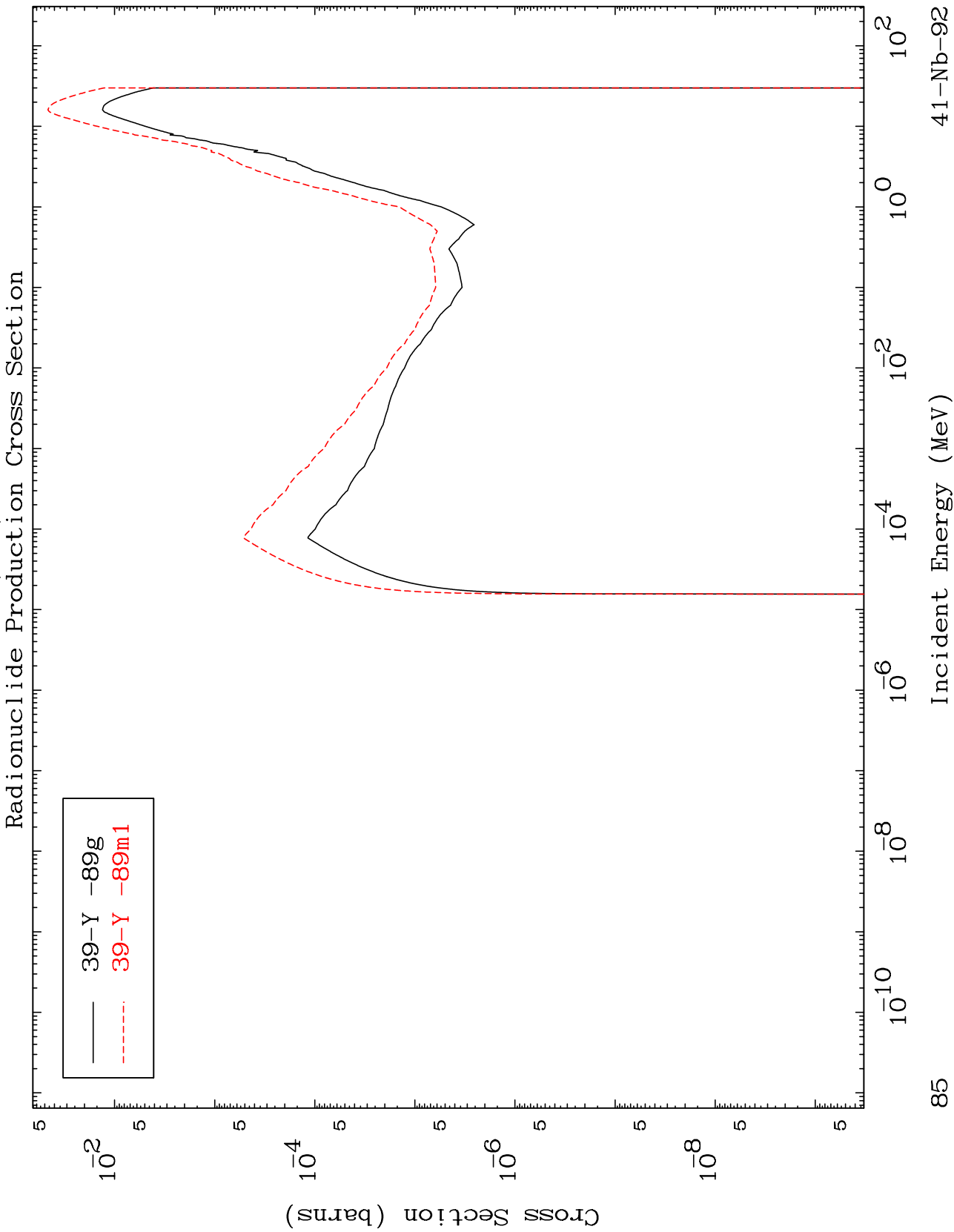


(n,He-3)
Radionuclide Production Cross Section



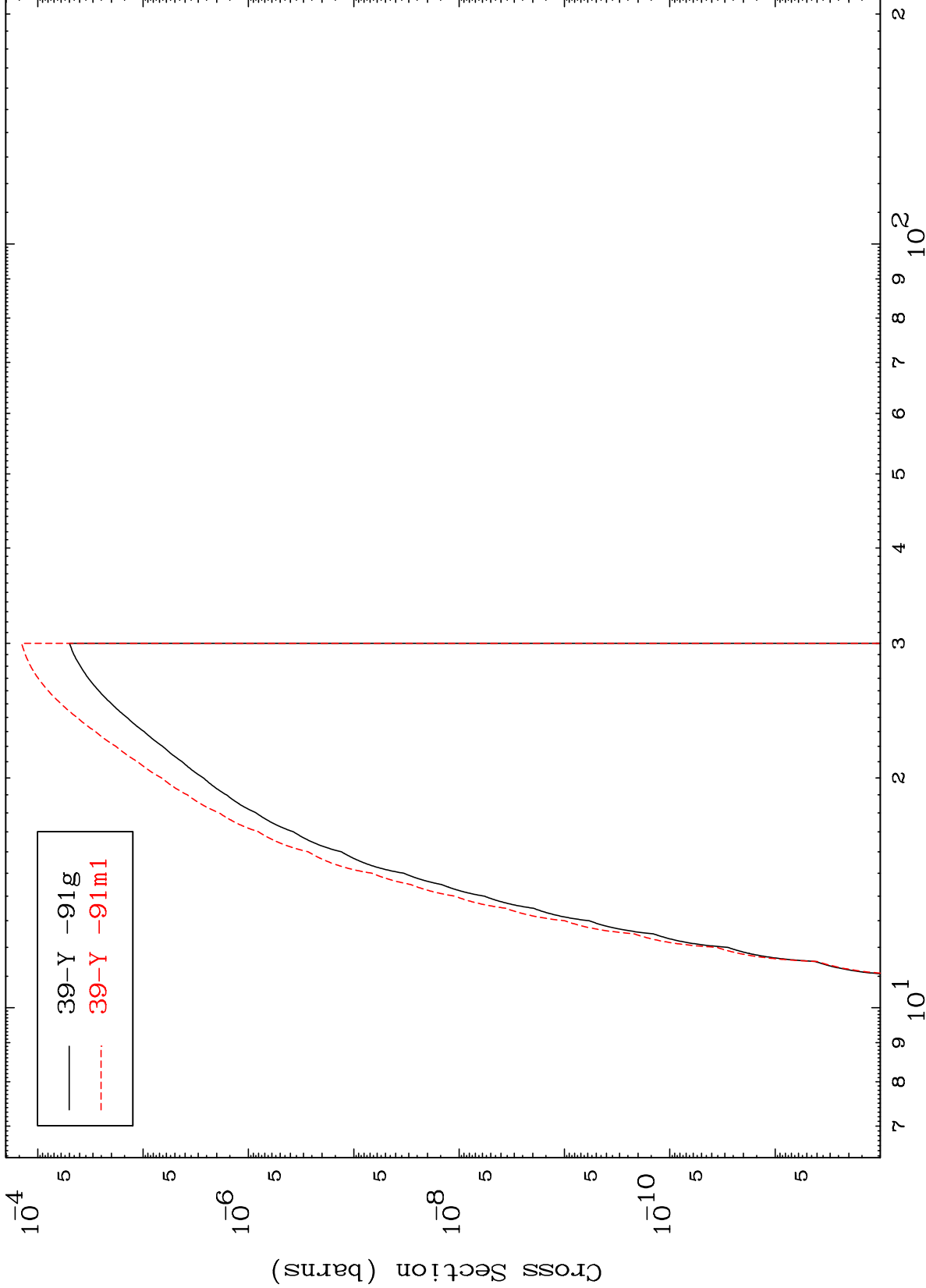
MAT 4122

41-Nb-92

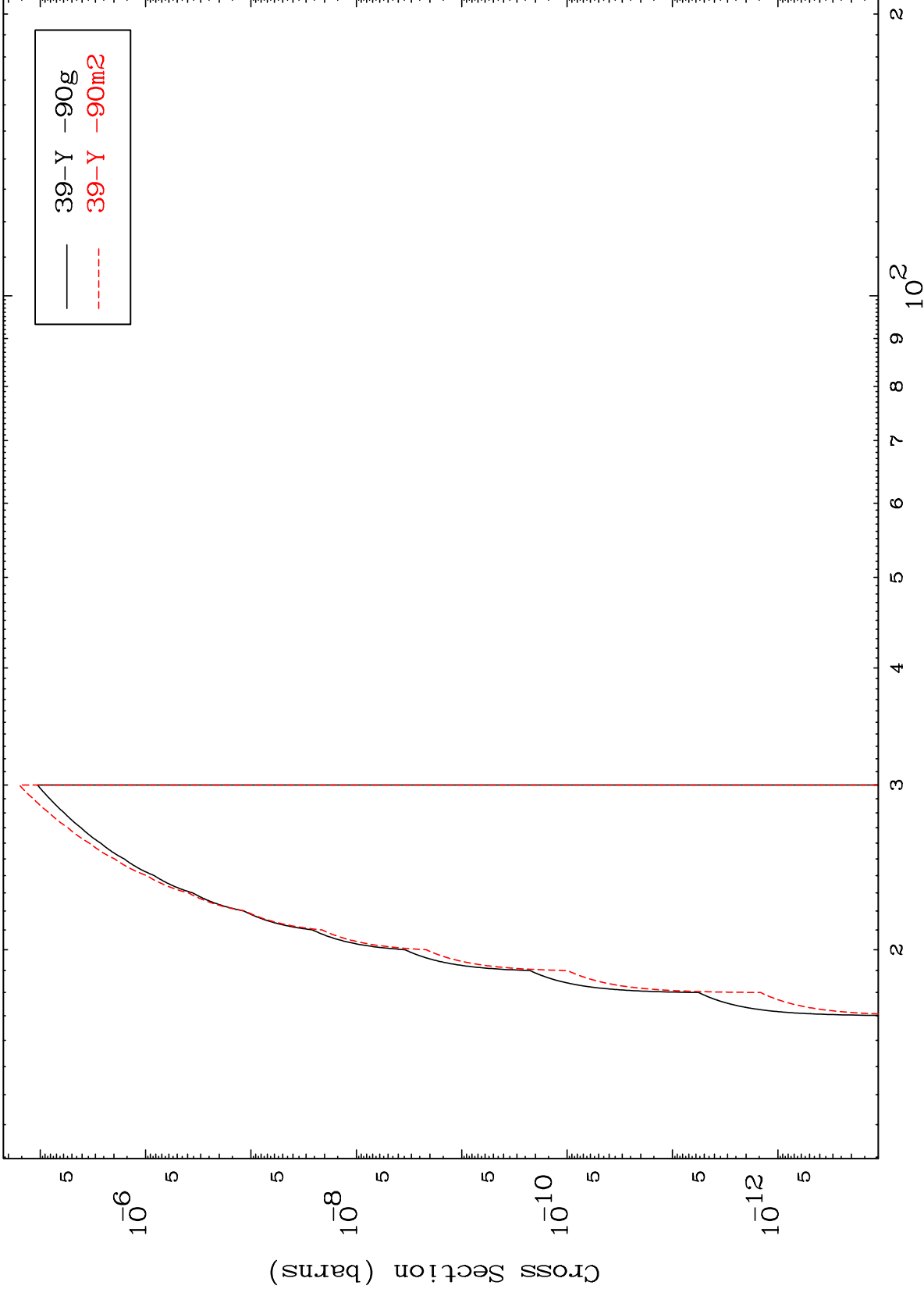


— 39-Y -89g
- - - 39-Y -89m1

(n,2p)
Radionuclide Production Cross Section

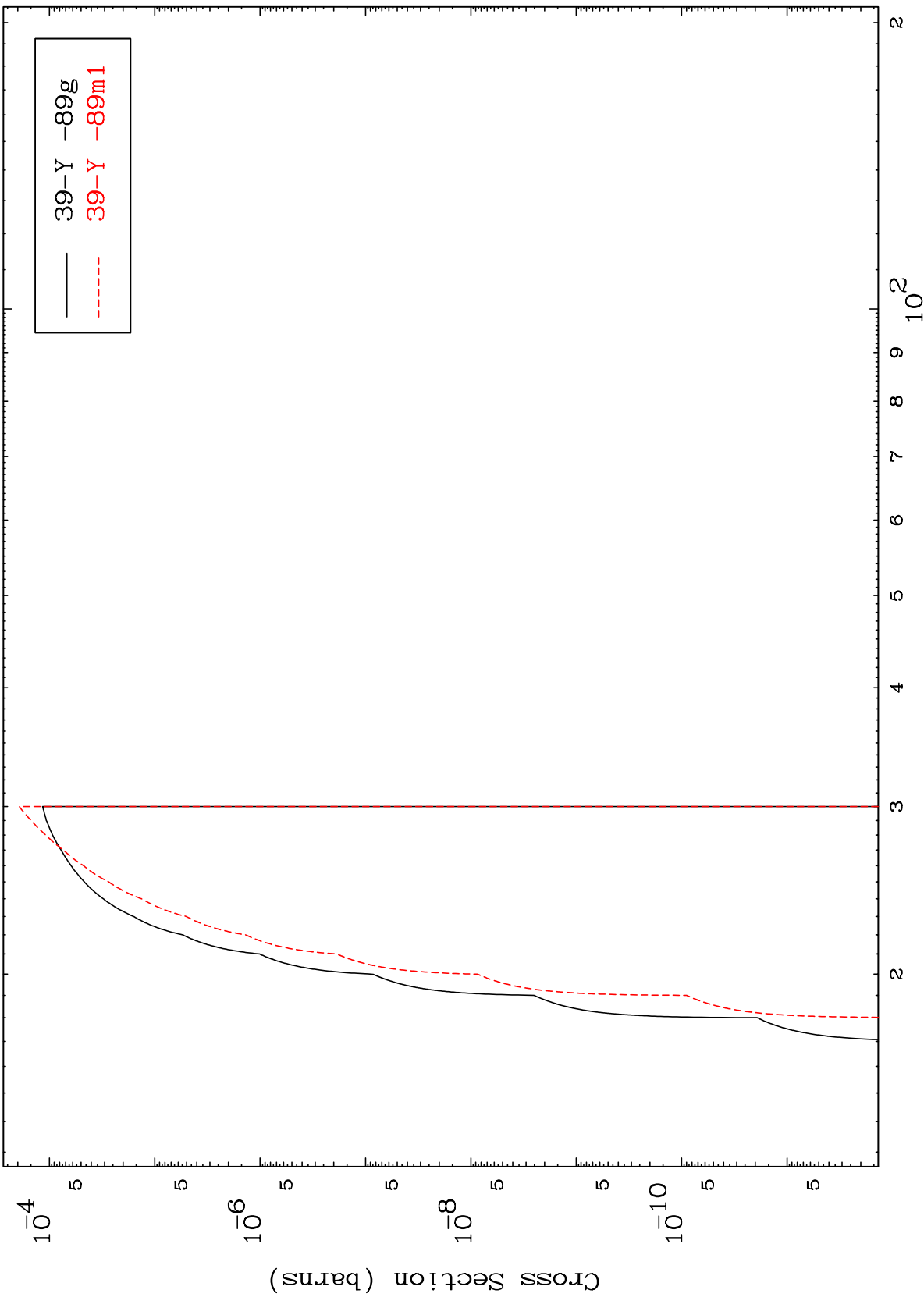


Radionuclide Production Cross Section



39-Y -90g
39-Y -90m2

Radionuclide Production Cross Section

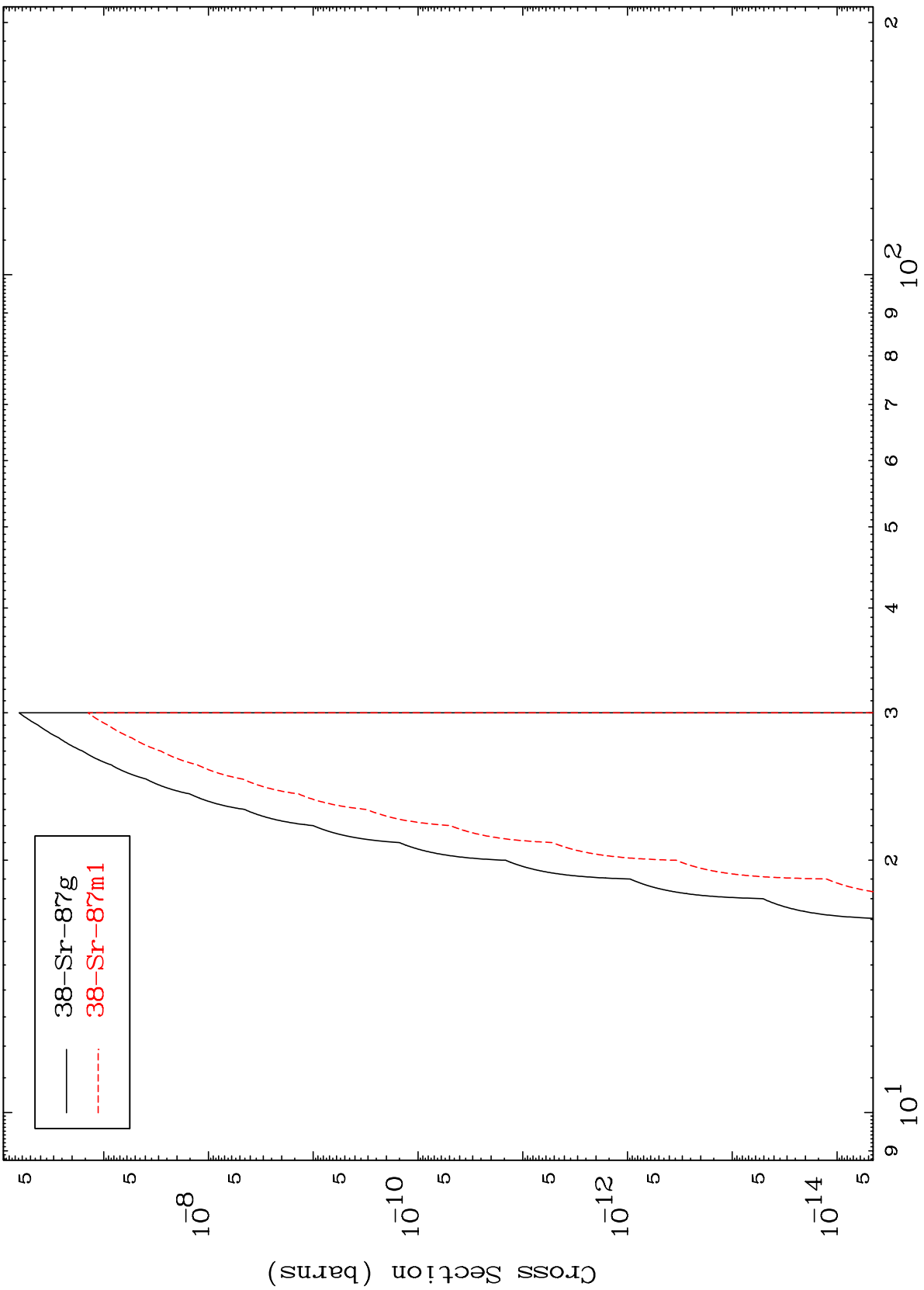


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(n,d) α

41-Nb-92

Radionuclide Production Cross Section



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Incident Energy (MeV)

41-Nb-92