

Program EVALPLOT
(Version 2021-1)

by

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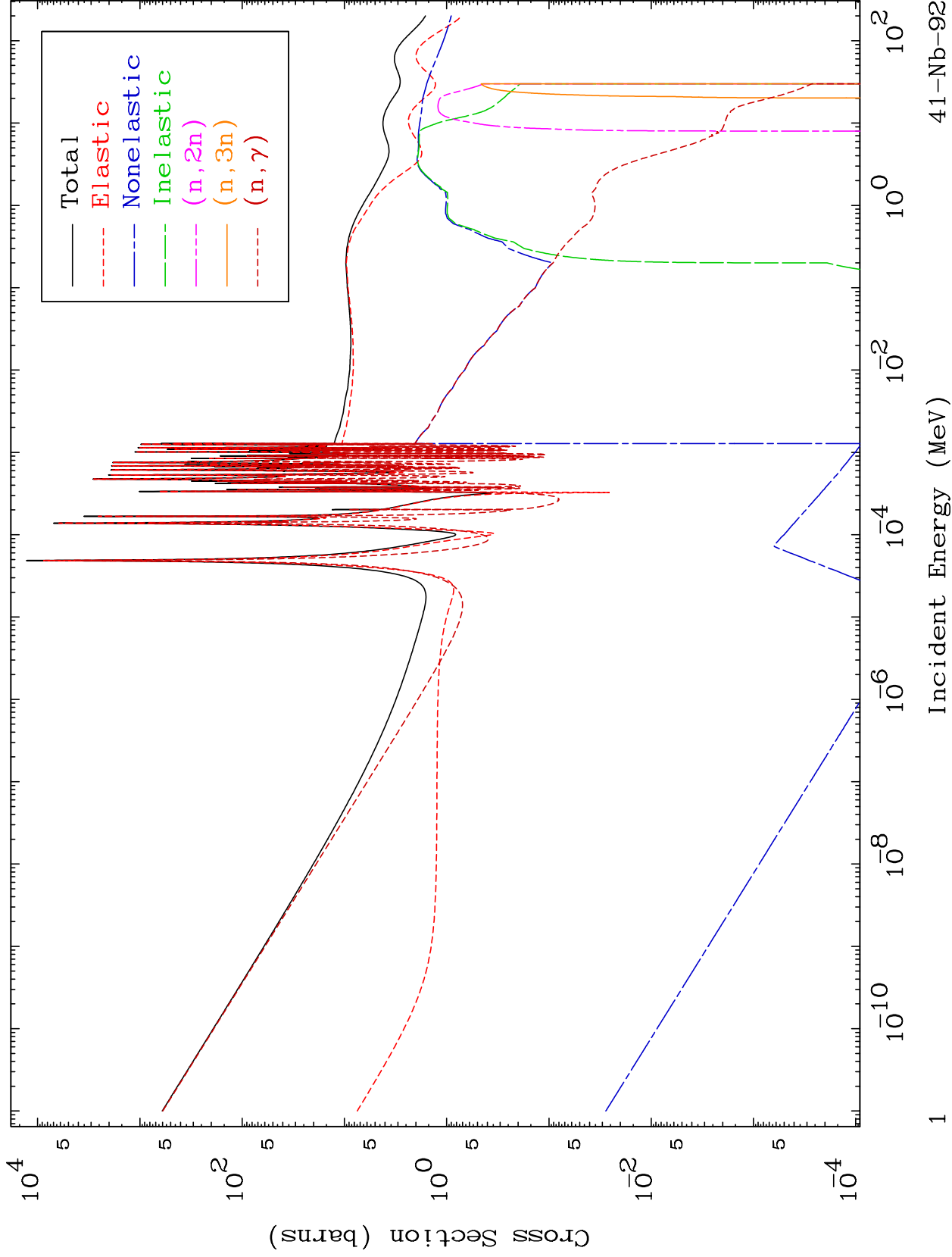
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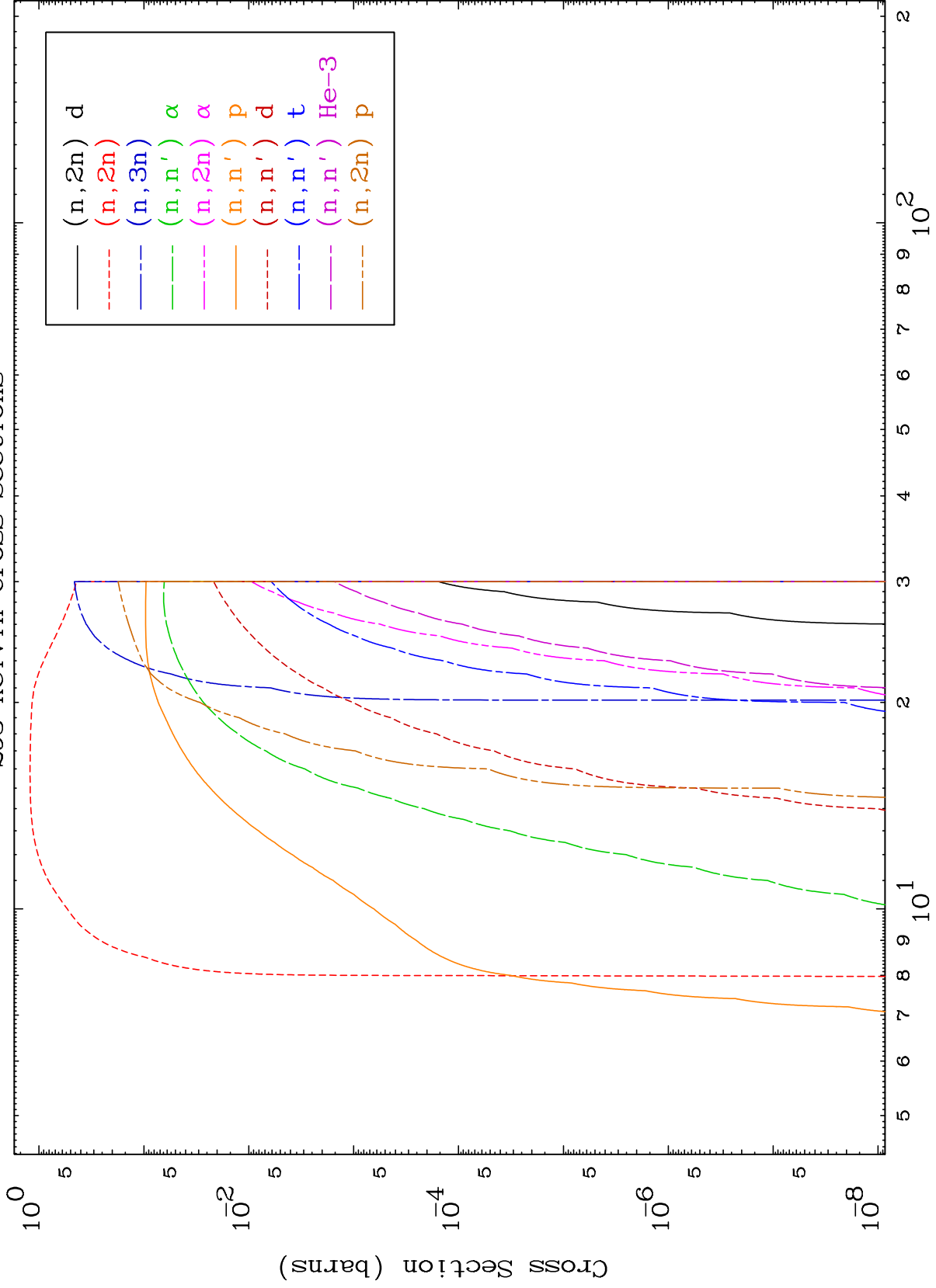
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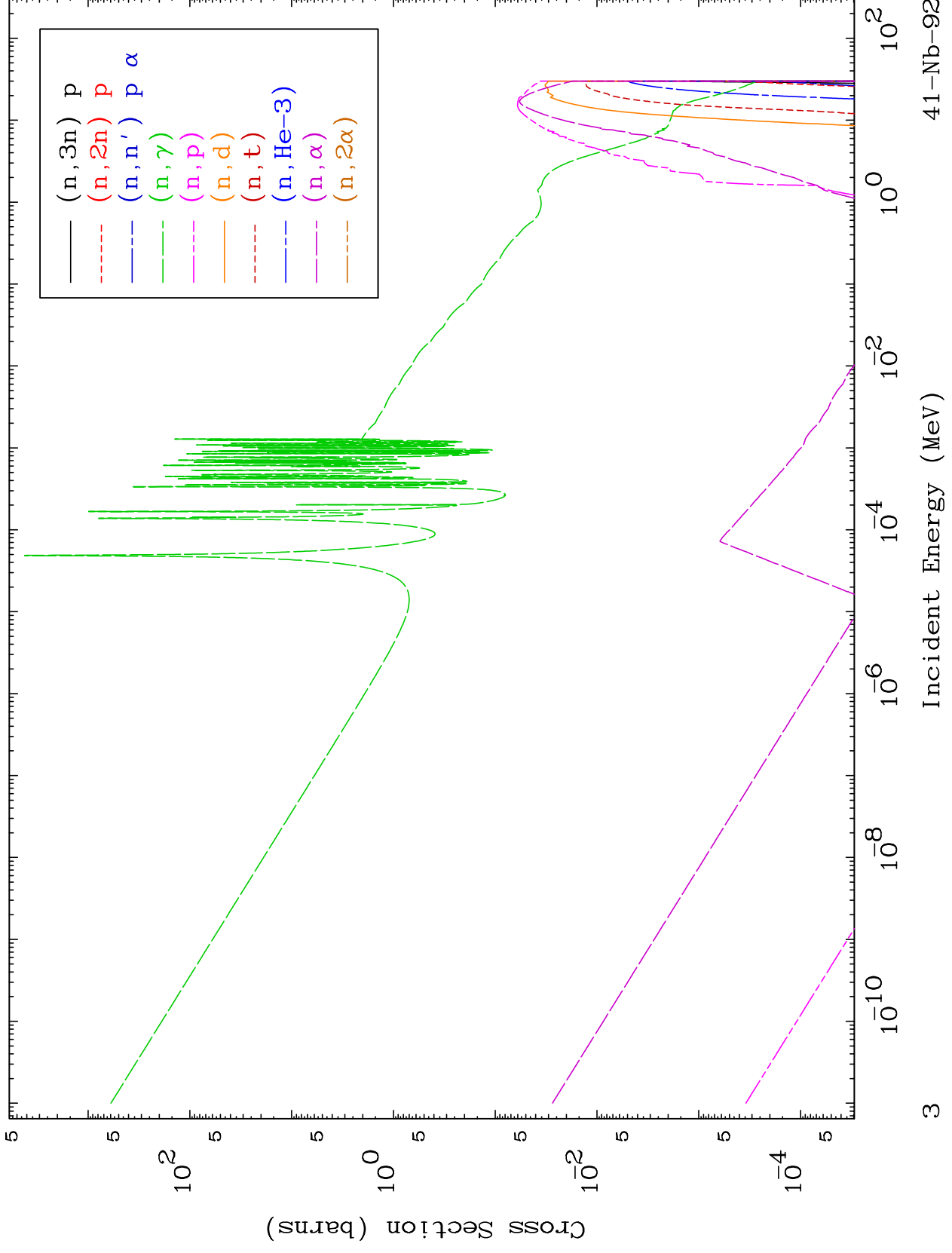
MAT 4122

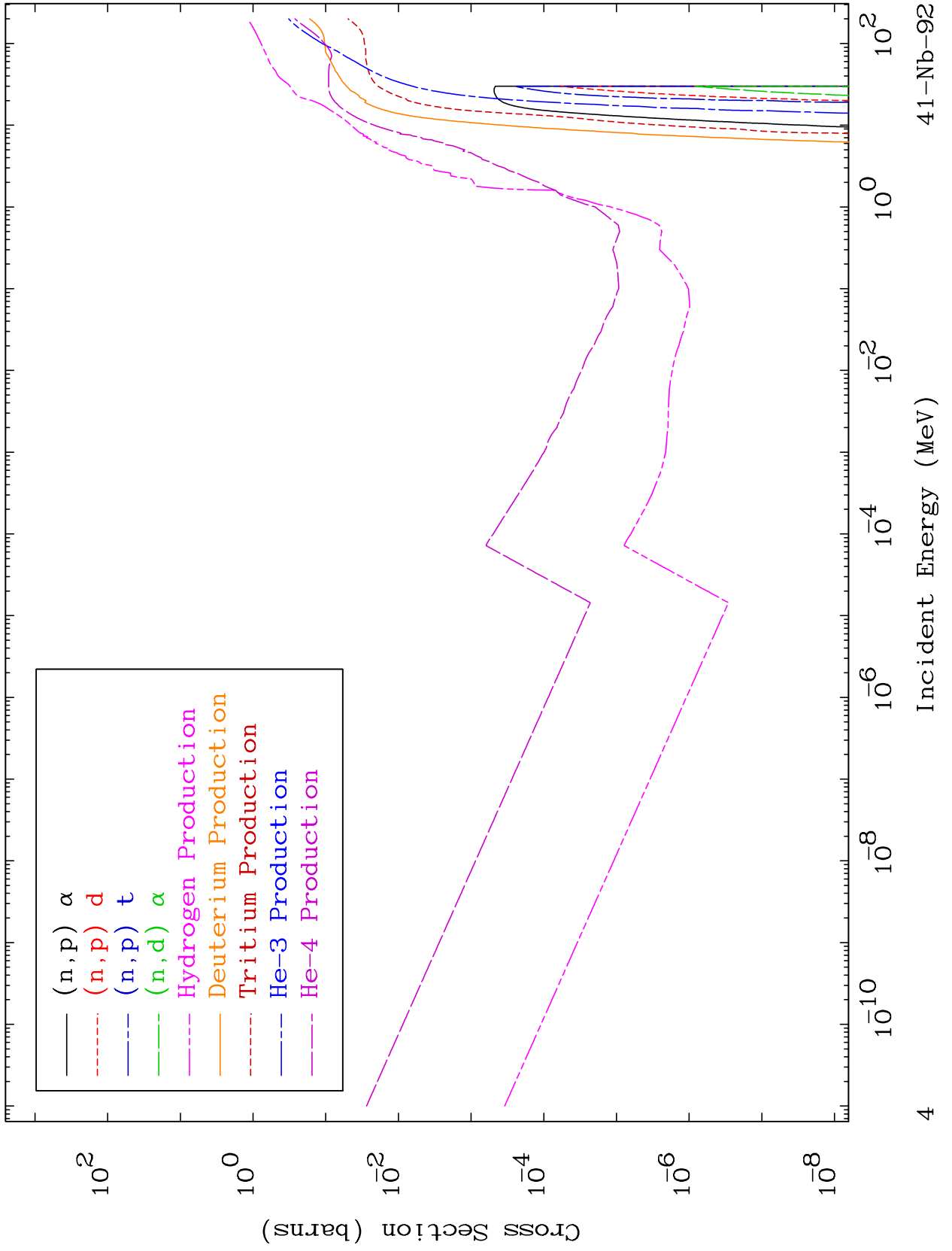
Neutron Major
293 Kelvin Cross Sections

41-Nb-92





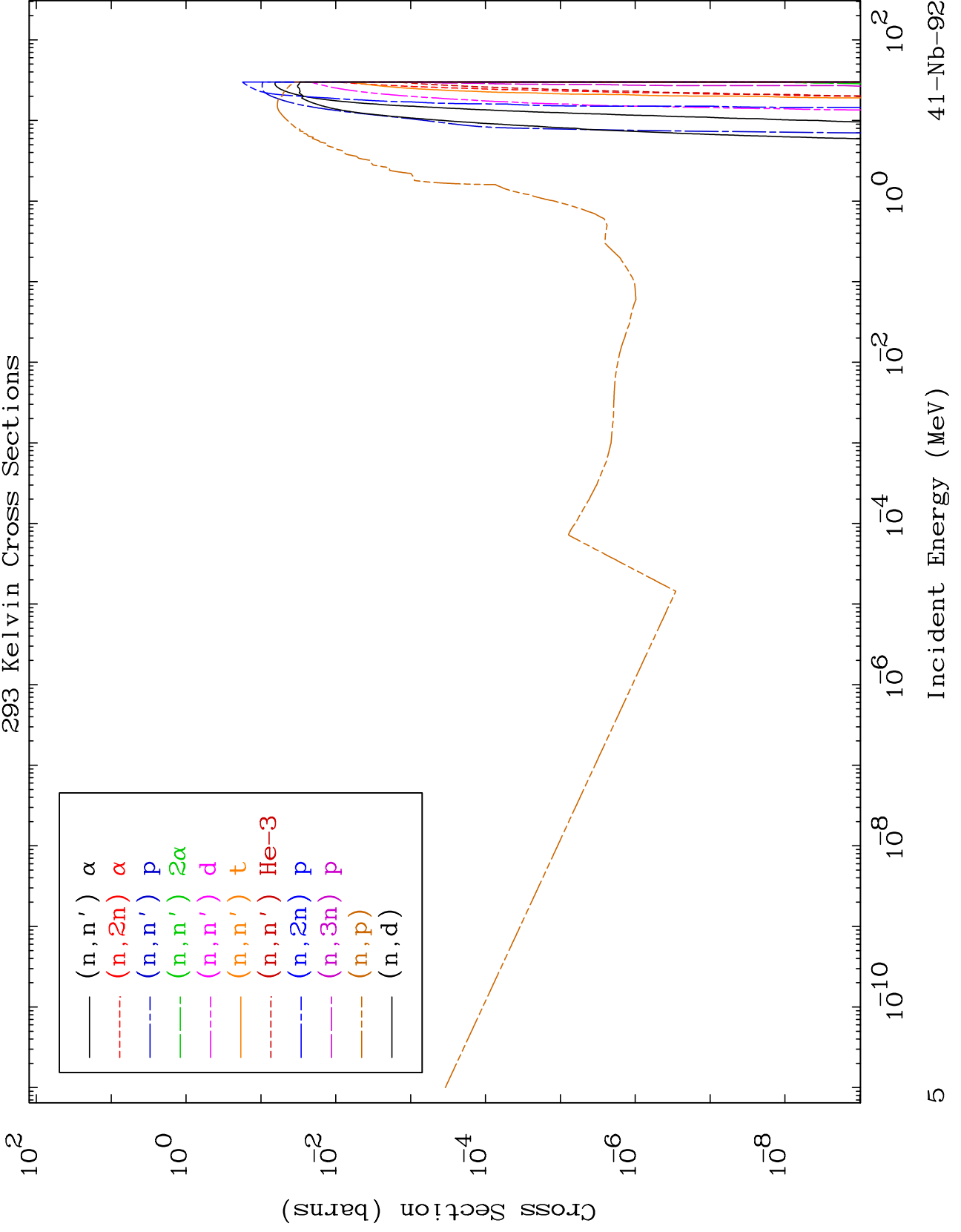




MAT 4122

Charged Particle
293 Kelvin Cross Sections

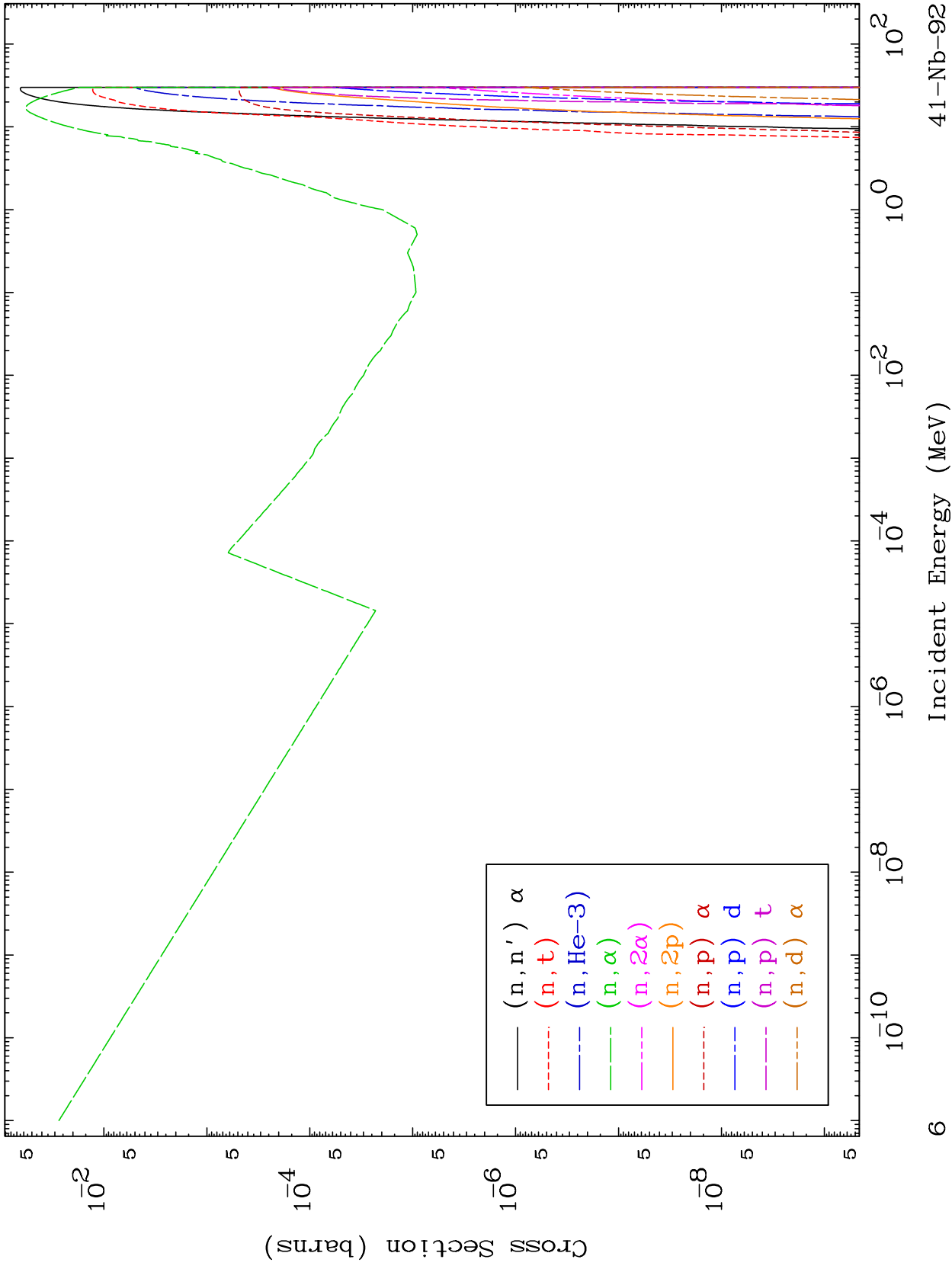
41-Nb-92



MAT 4122

Charged Particle
293 Kelvin Cross Sections

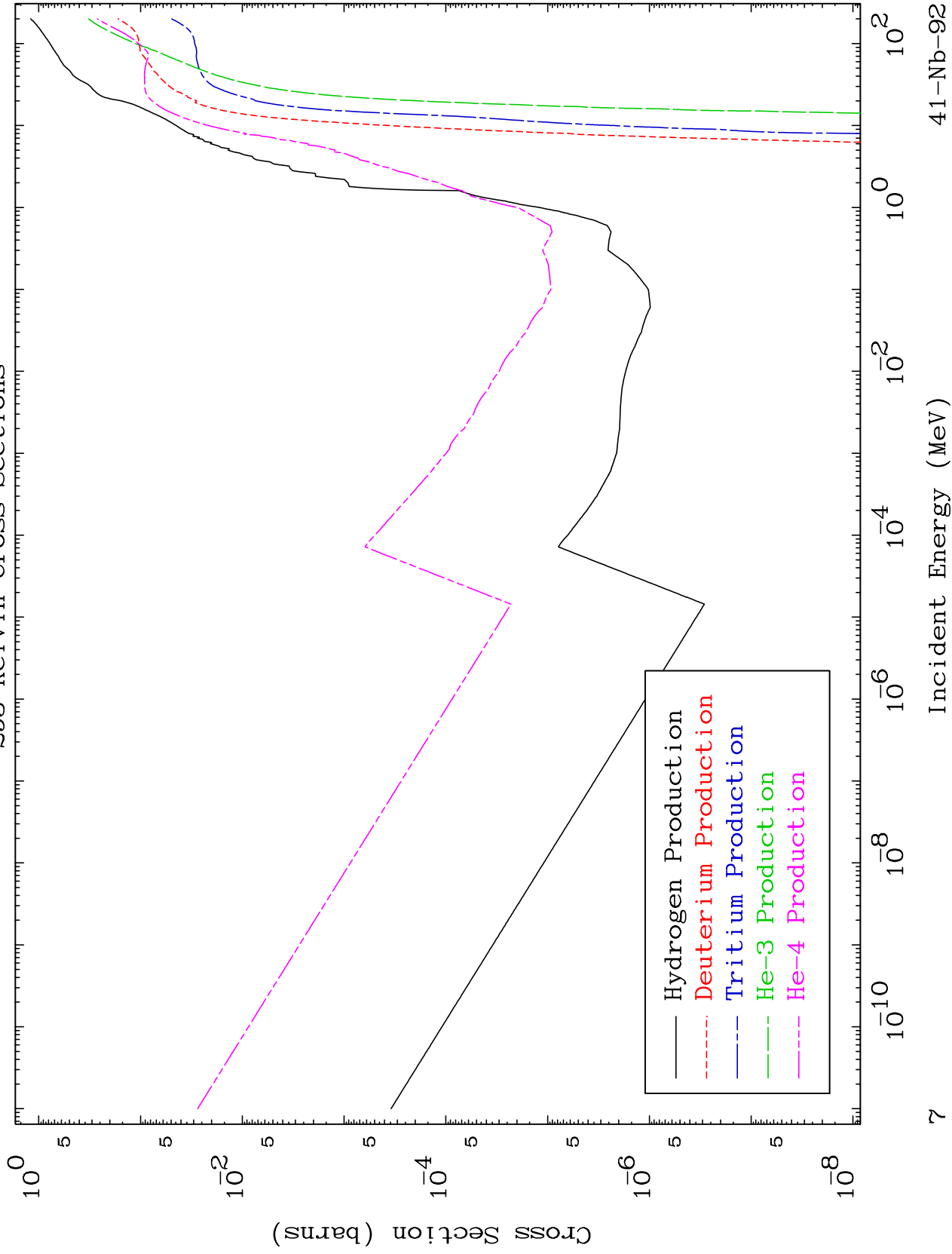
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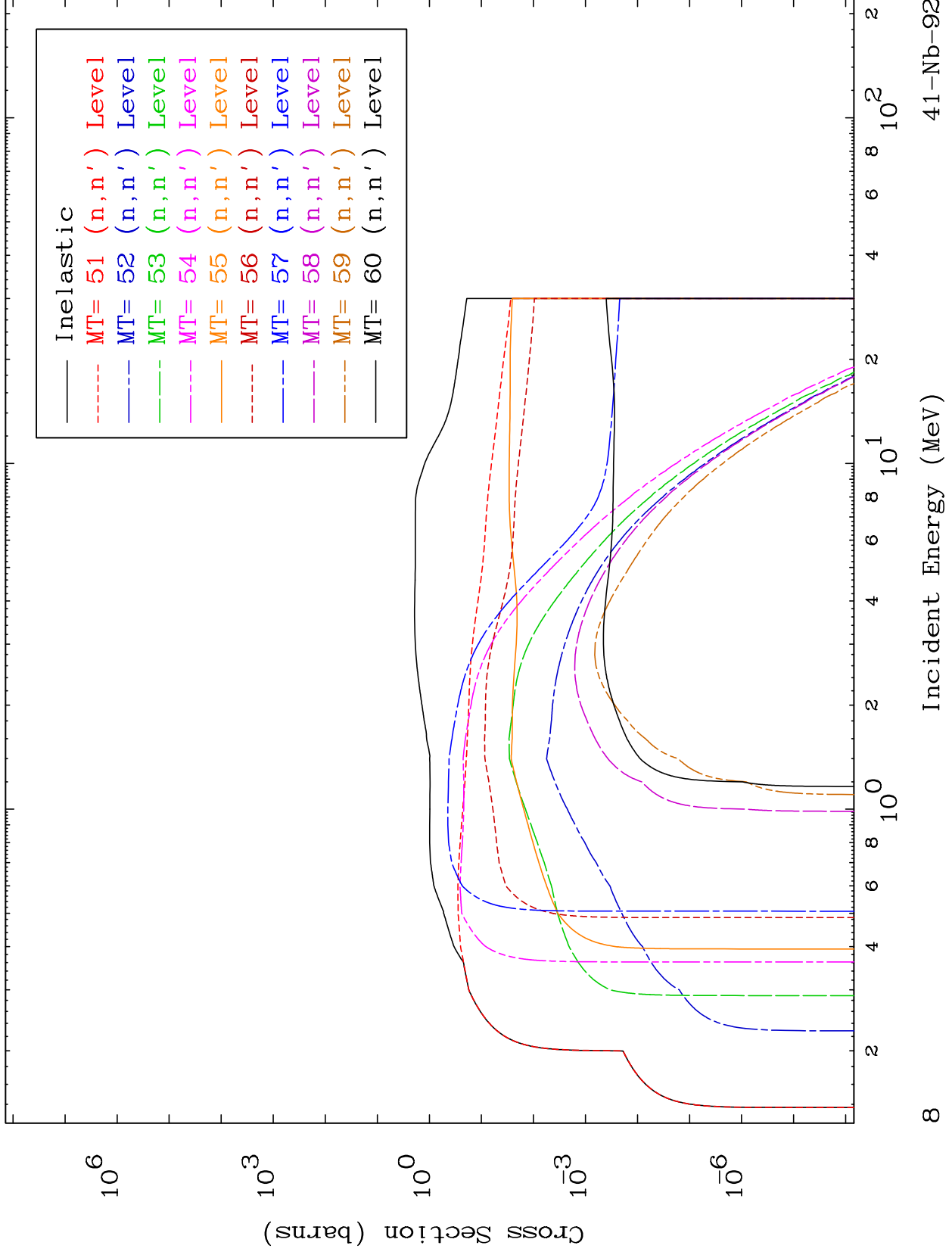


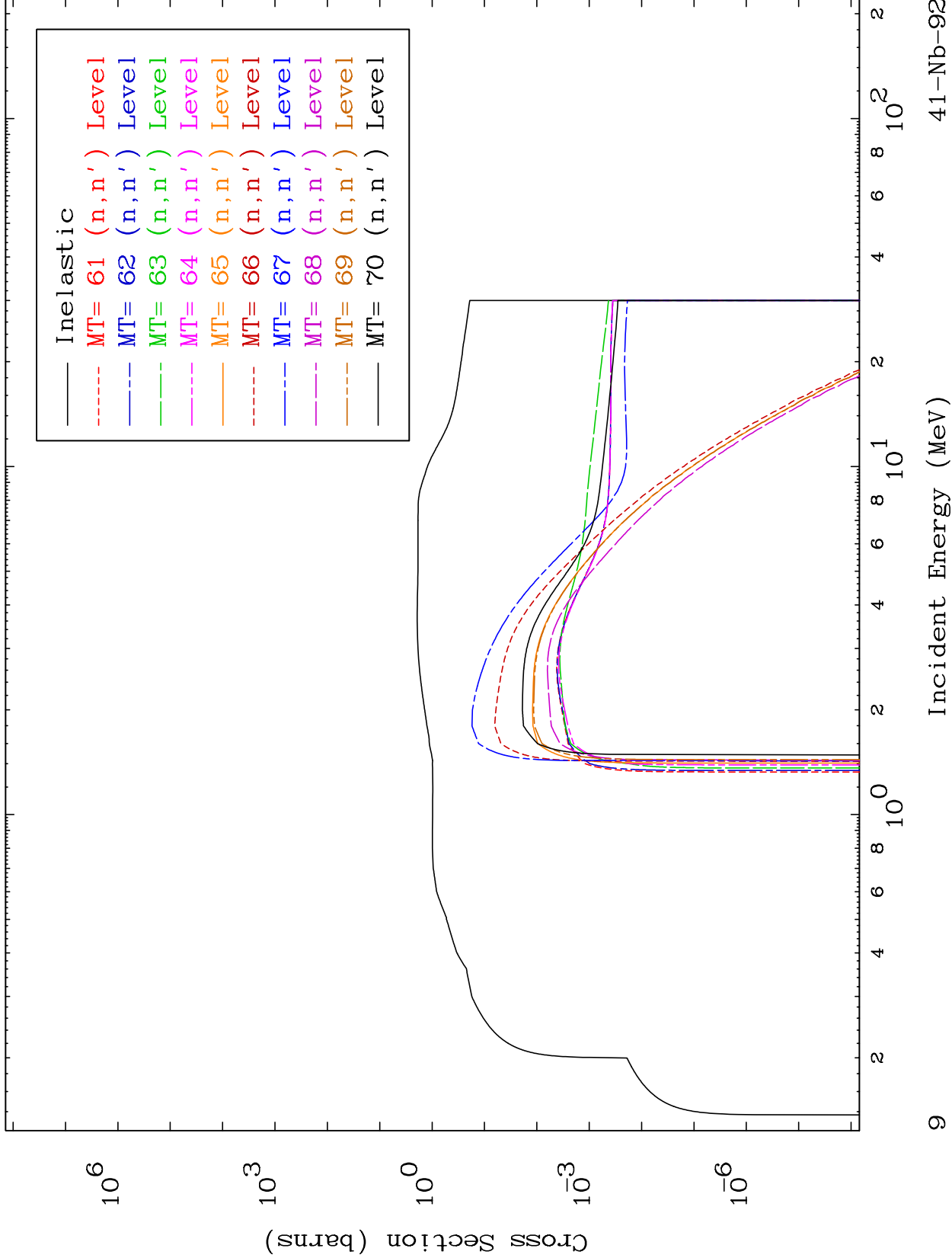
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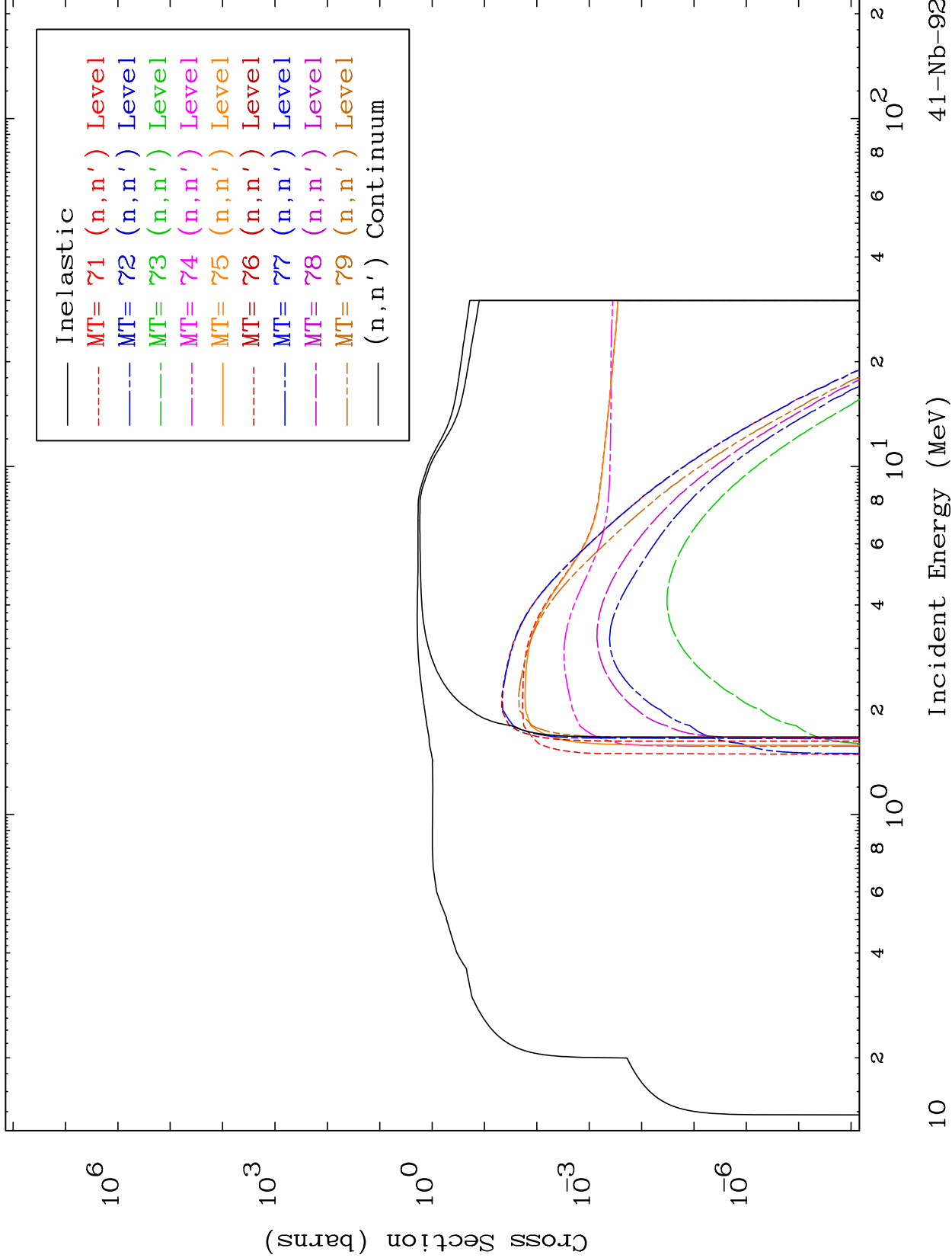
Particle Production
293 Kelvin Cross Sections

41-Nb-92





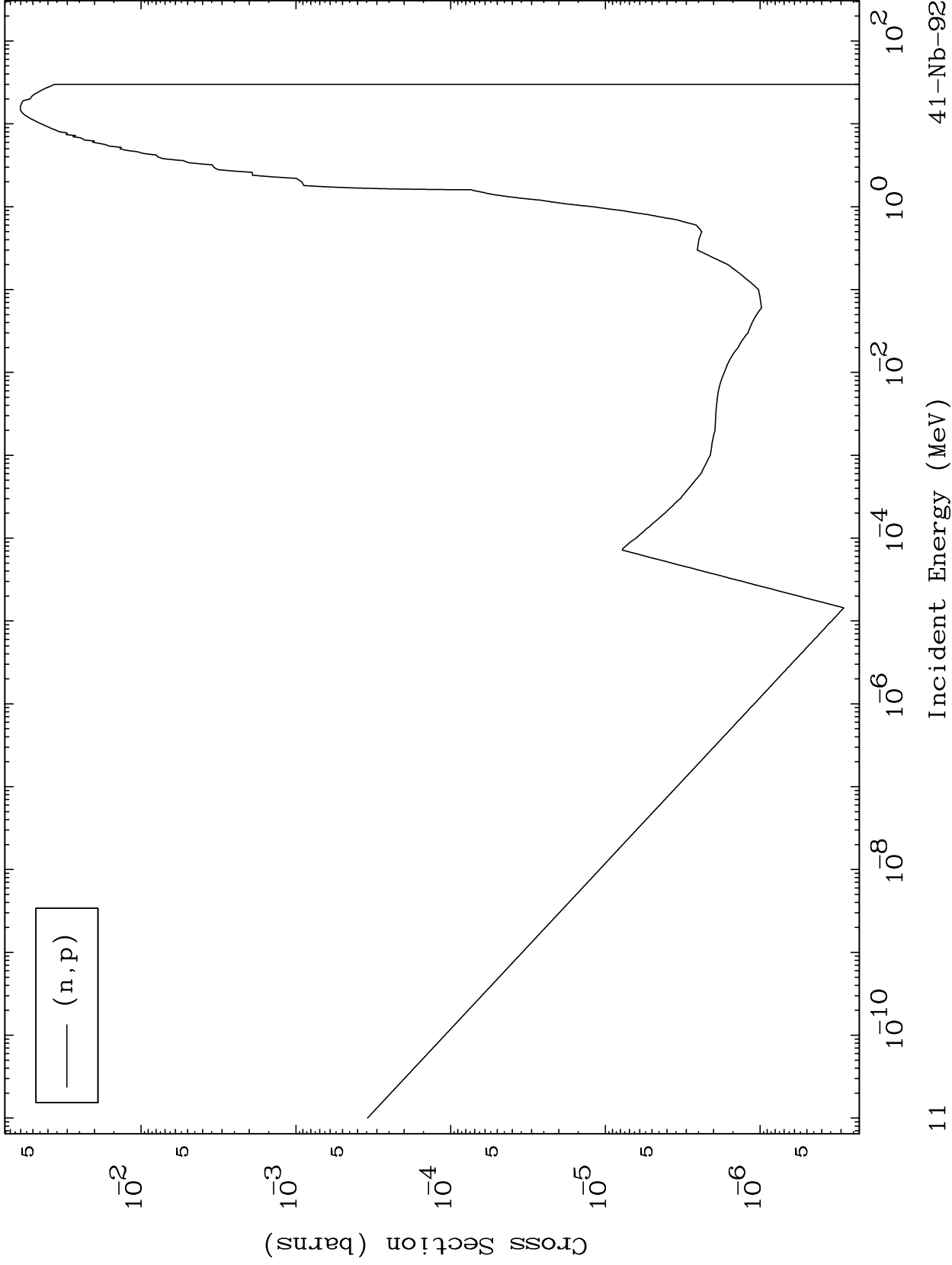




MAT 4122

(n,p) Levels
293 Kelvin Cross Sections

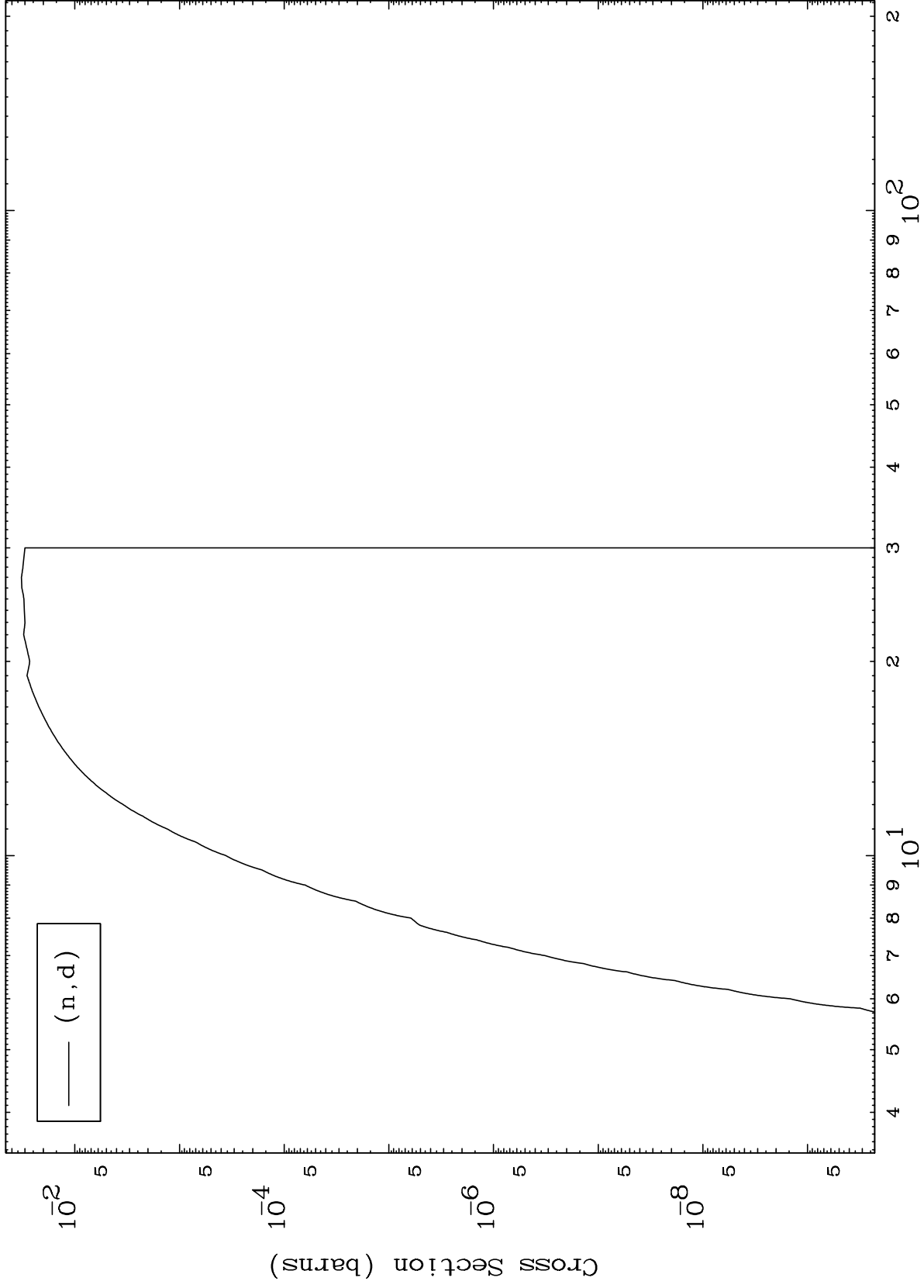
41-Nb-92



MAT 4122

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-92



12

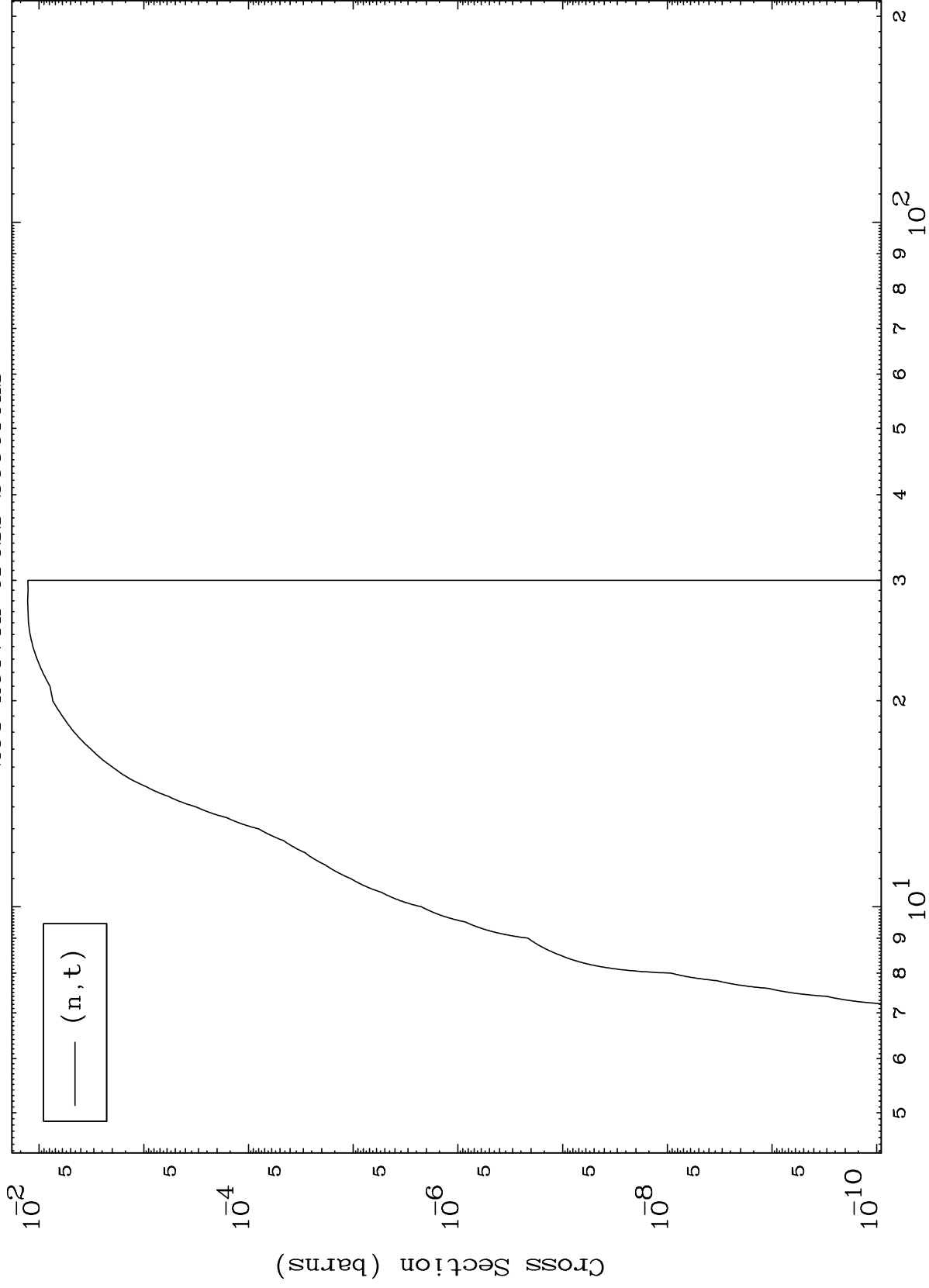
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-92



13

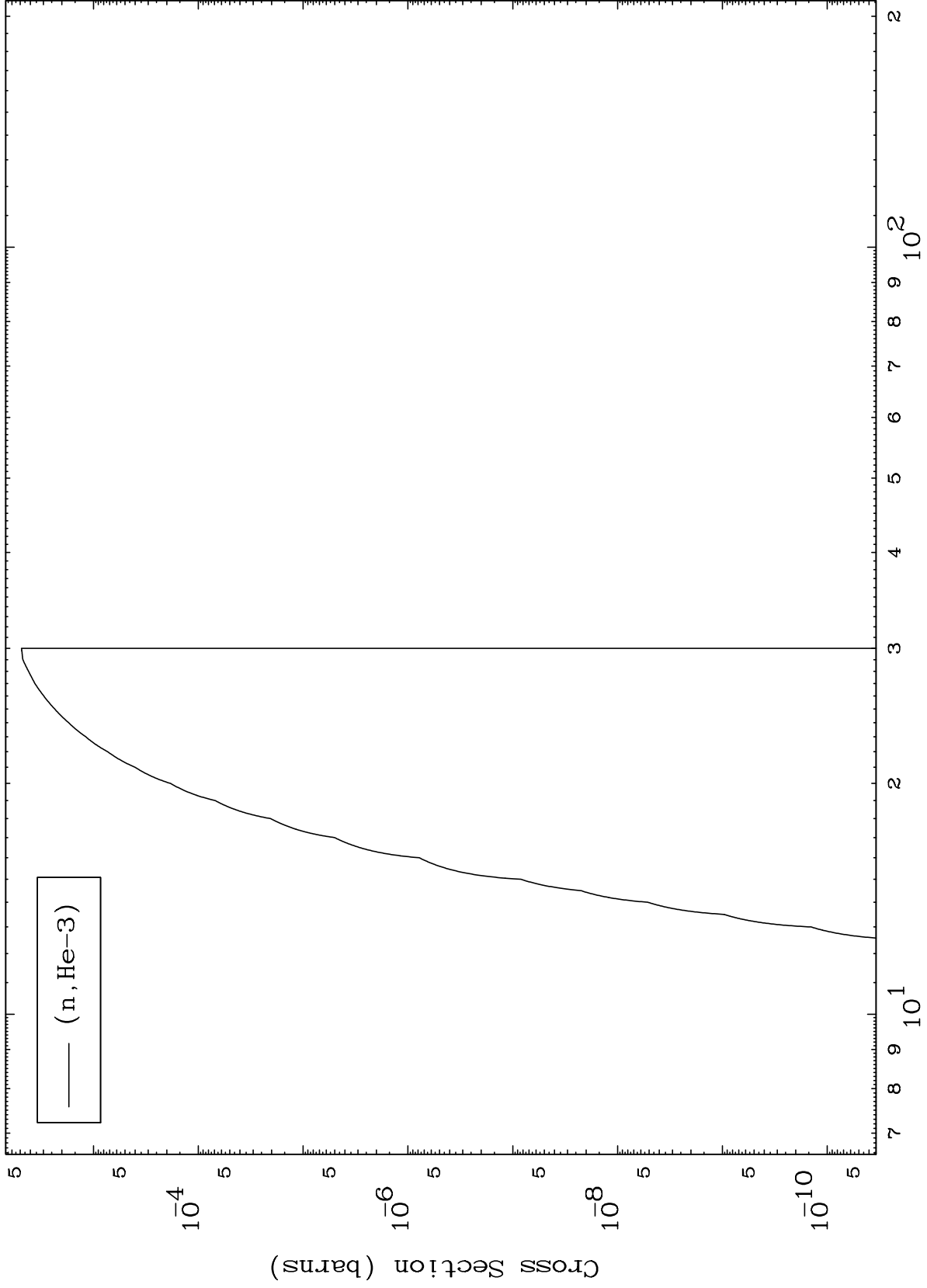
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-92



14

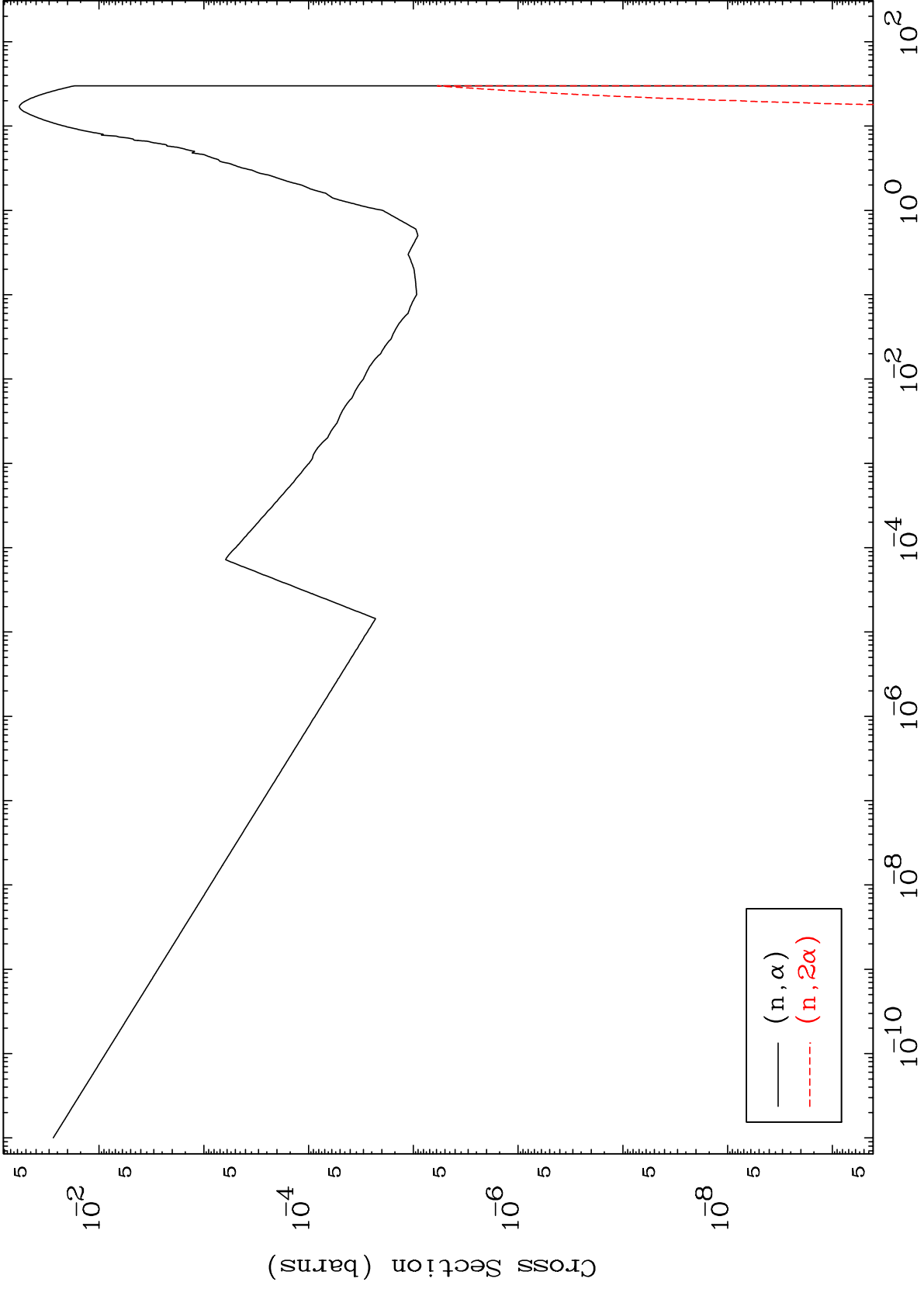
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,α) Levels
293 Kelvin Cross Sections

41-Nb-92



15

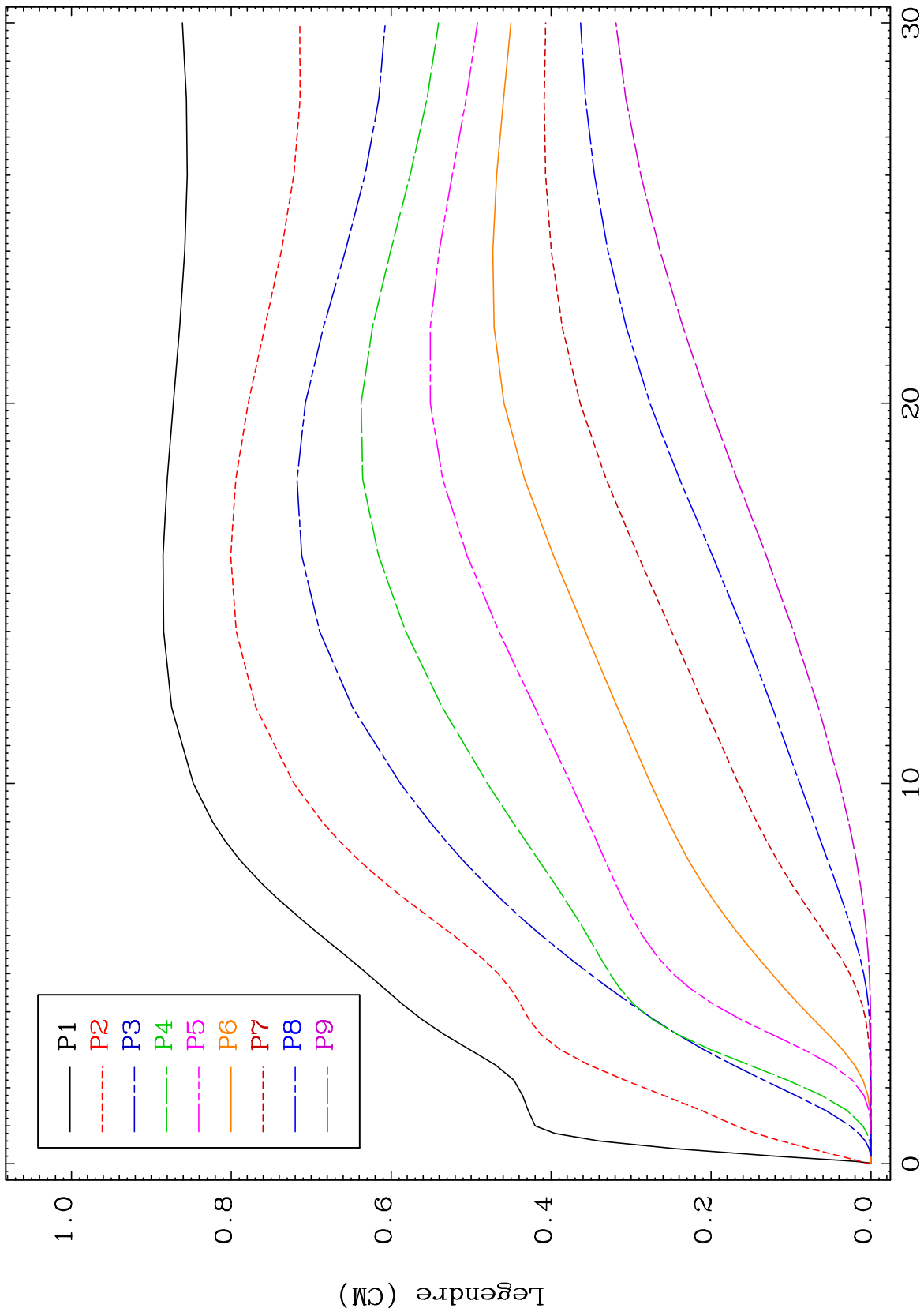
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



16

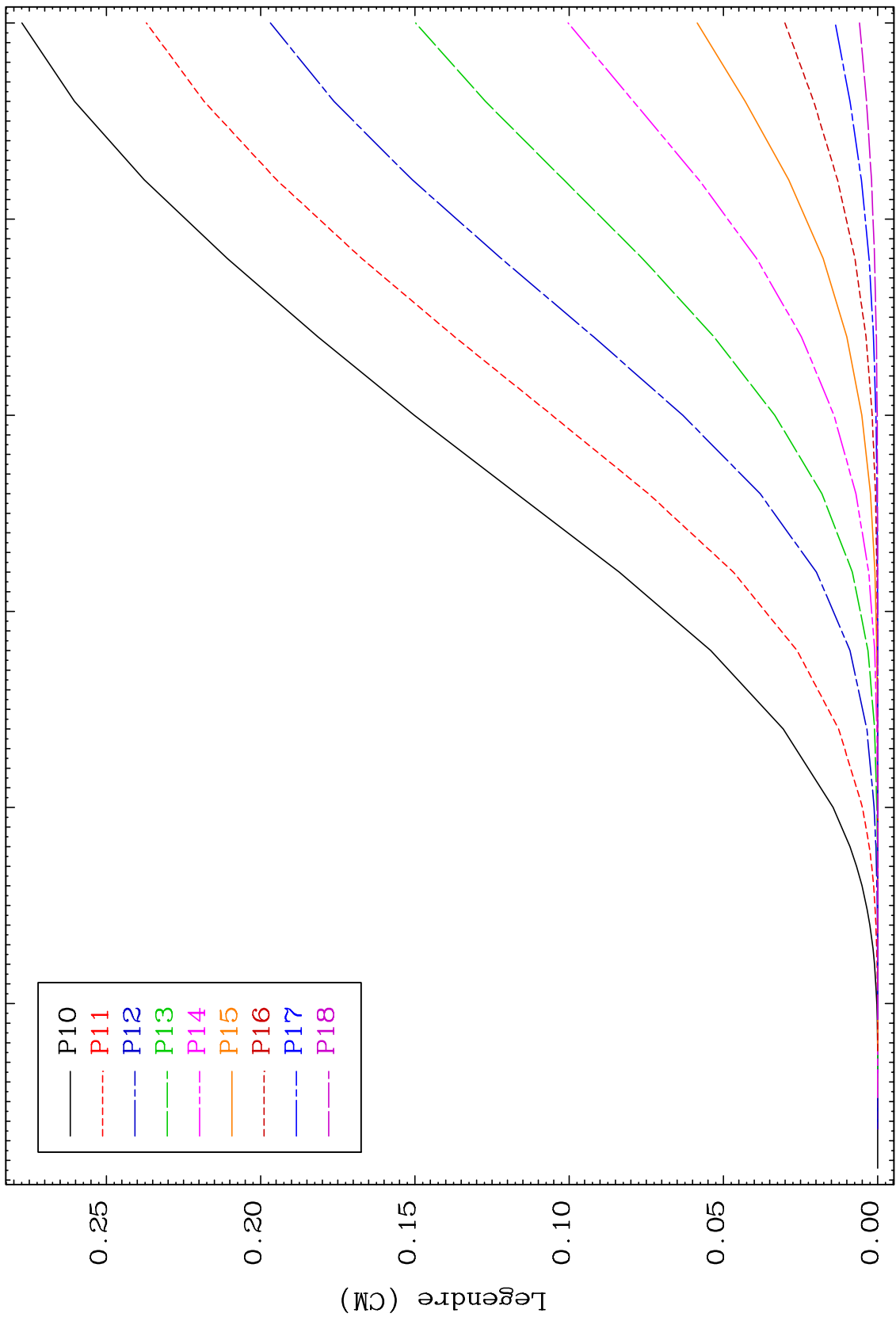
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41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



17

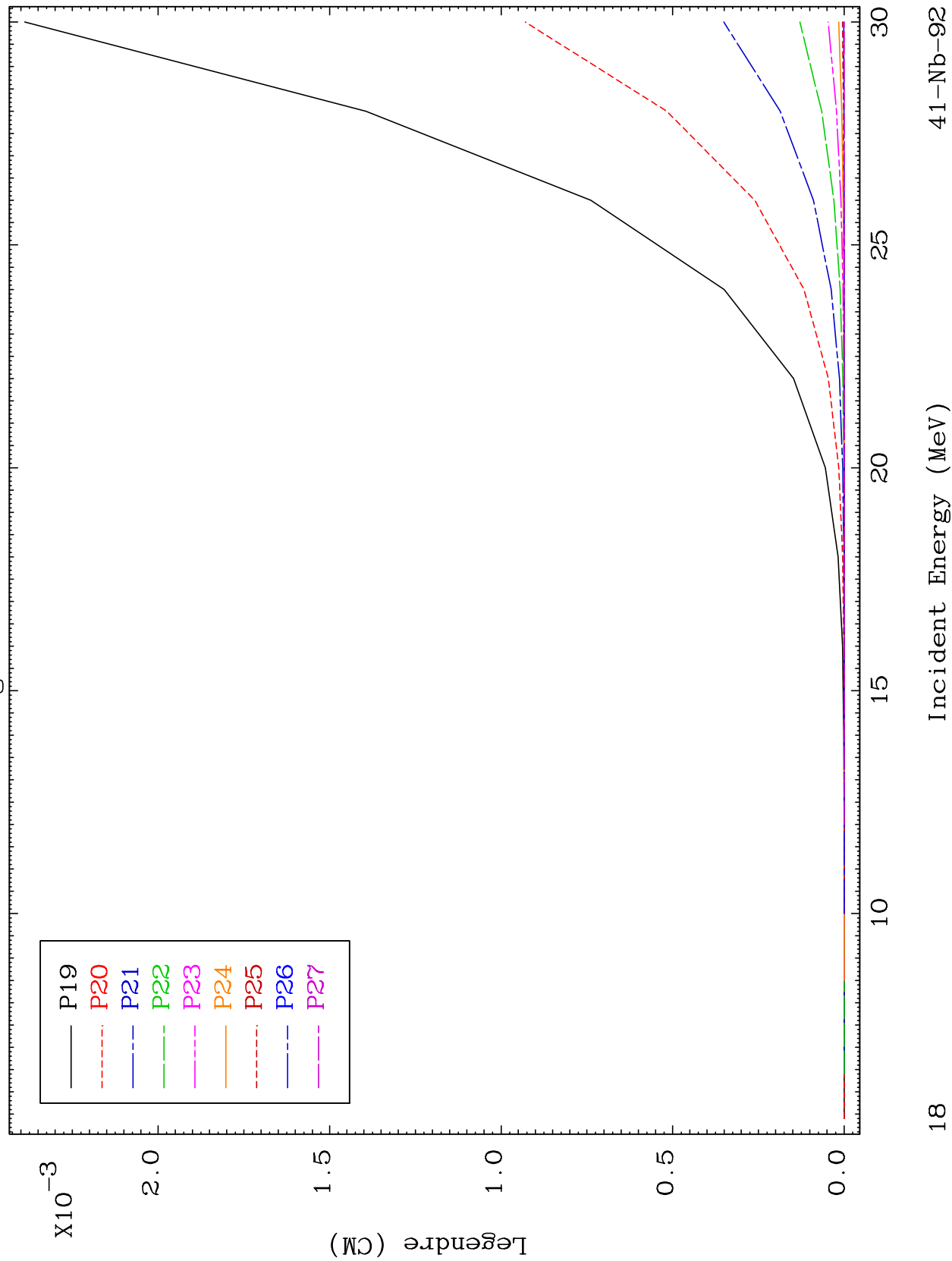
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



18

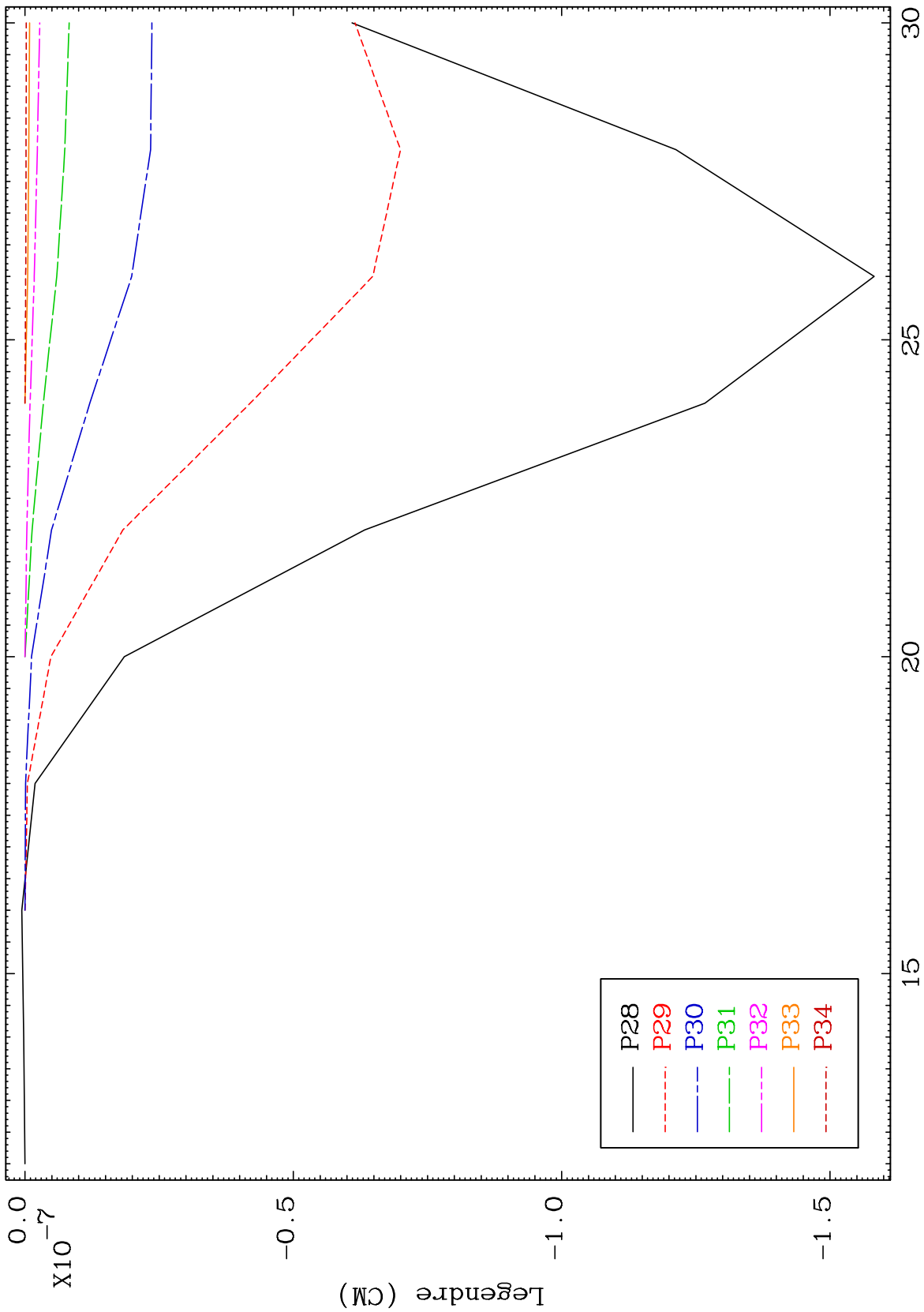
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

Elastic Legendre Coefficients



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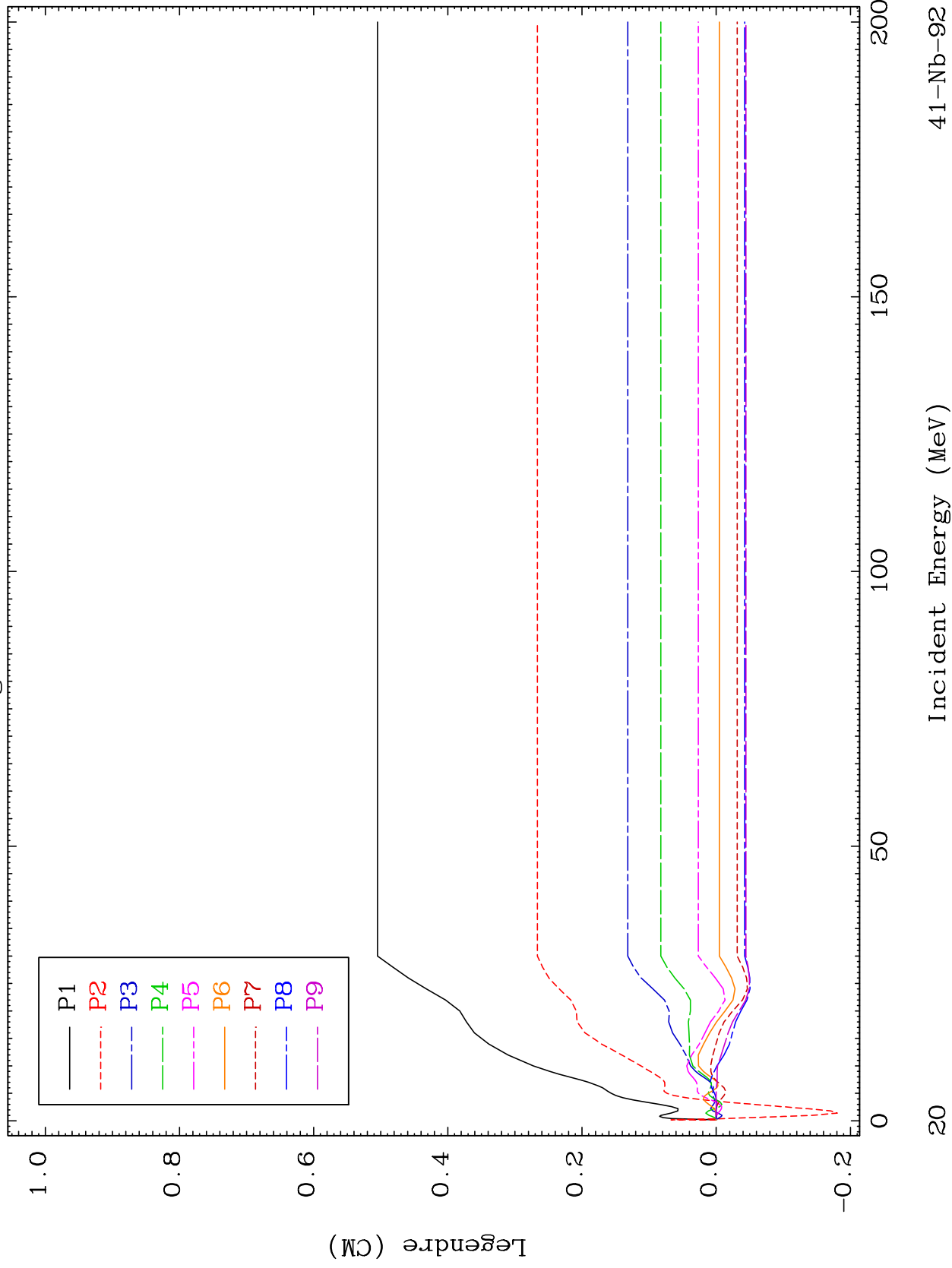
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

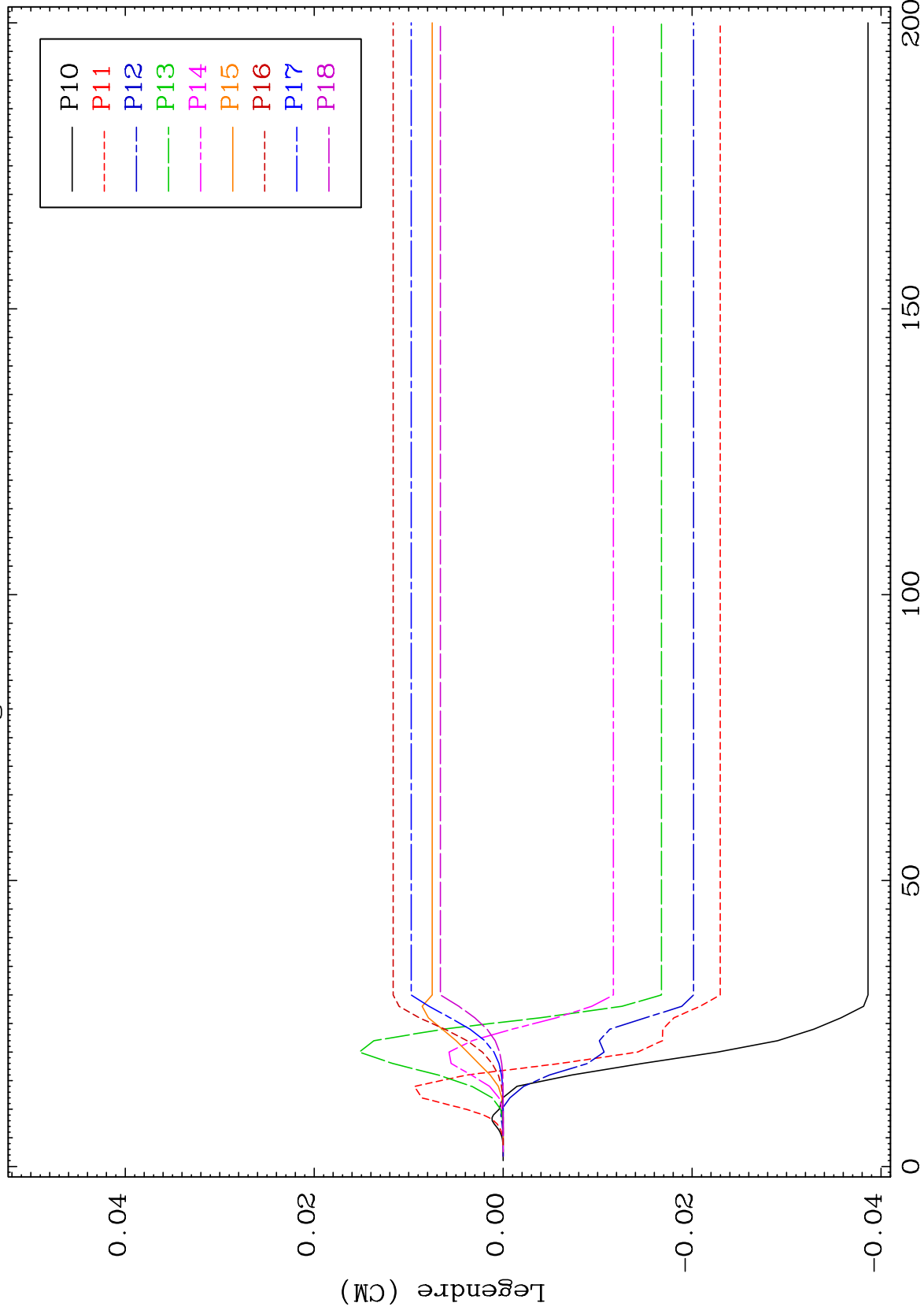
41-Nb-92



MAT 4122

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

41-Nb-92



21

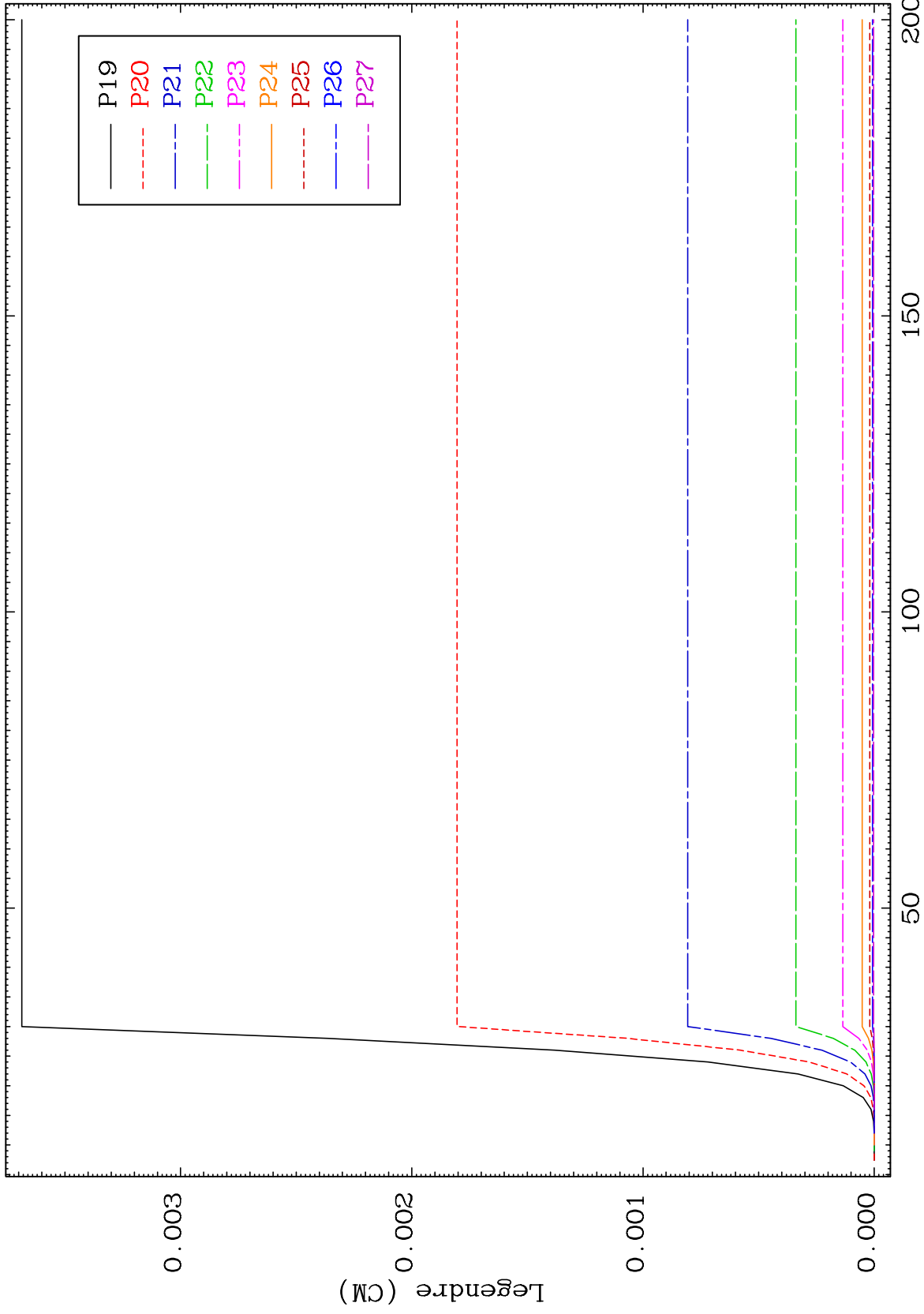
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



22

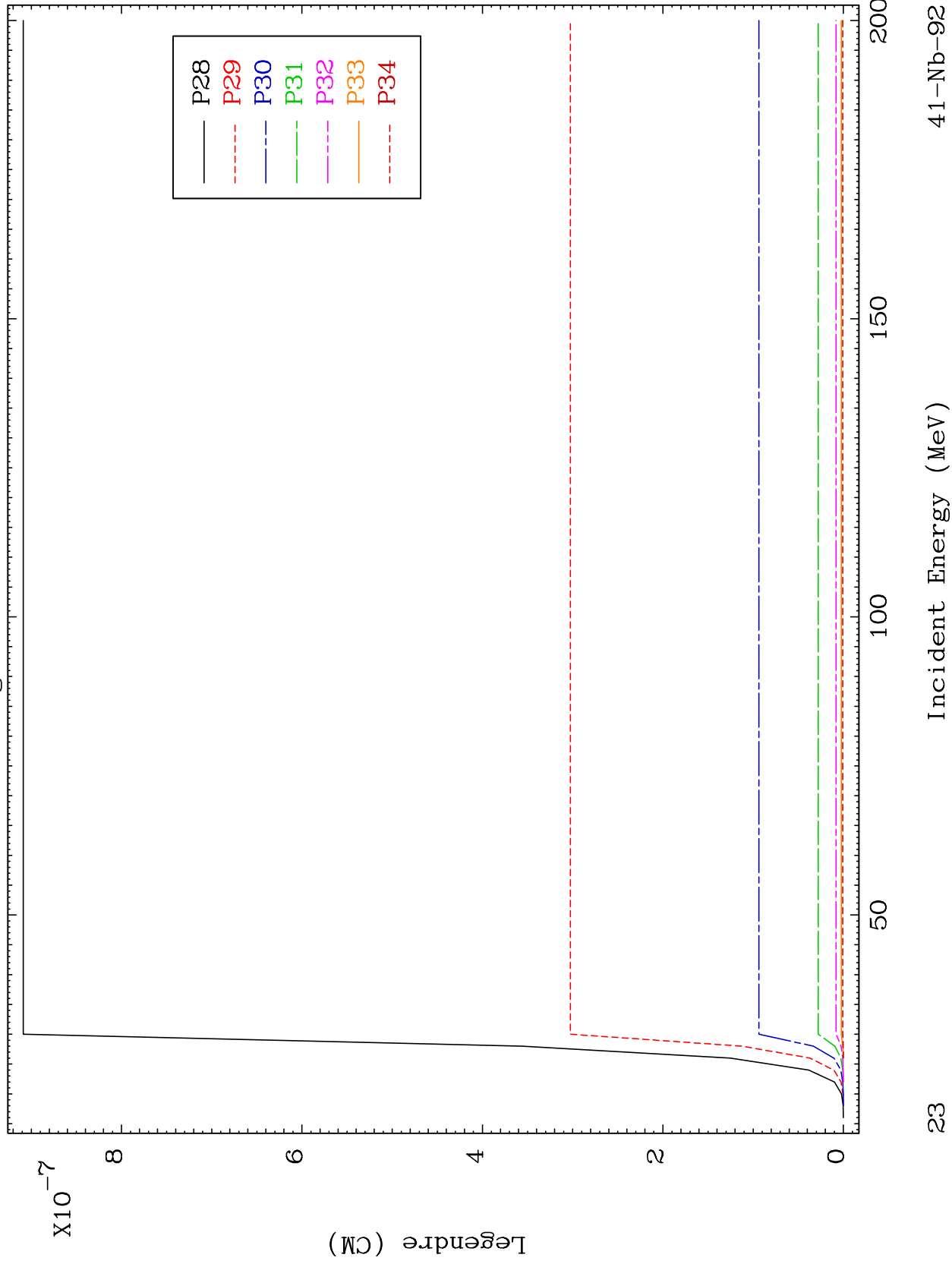
Incident Energy (MeV)

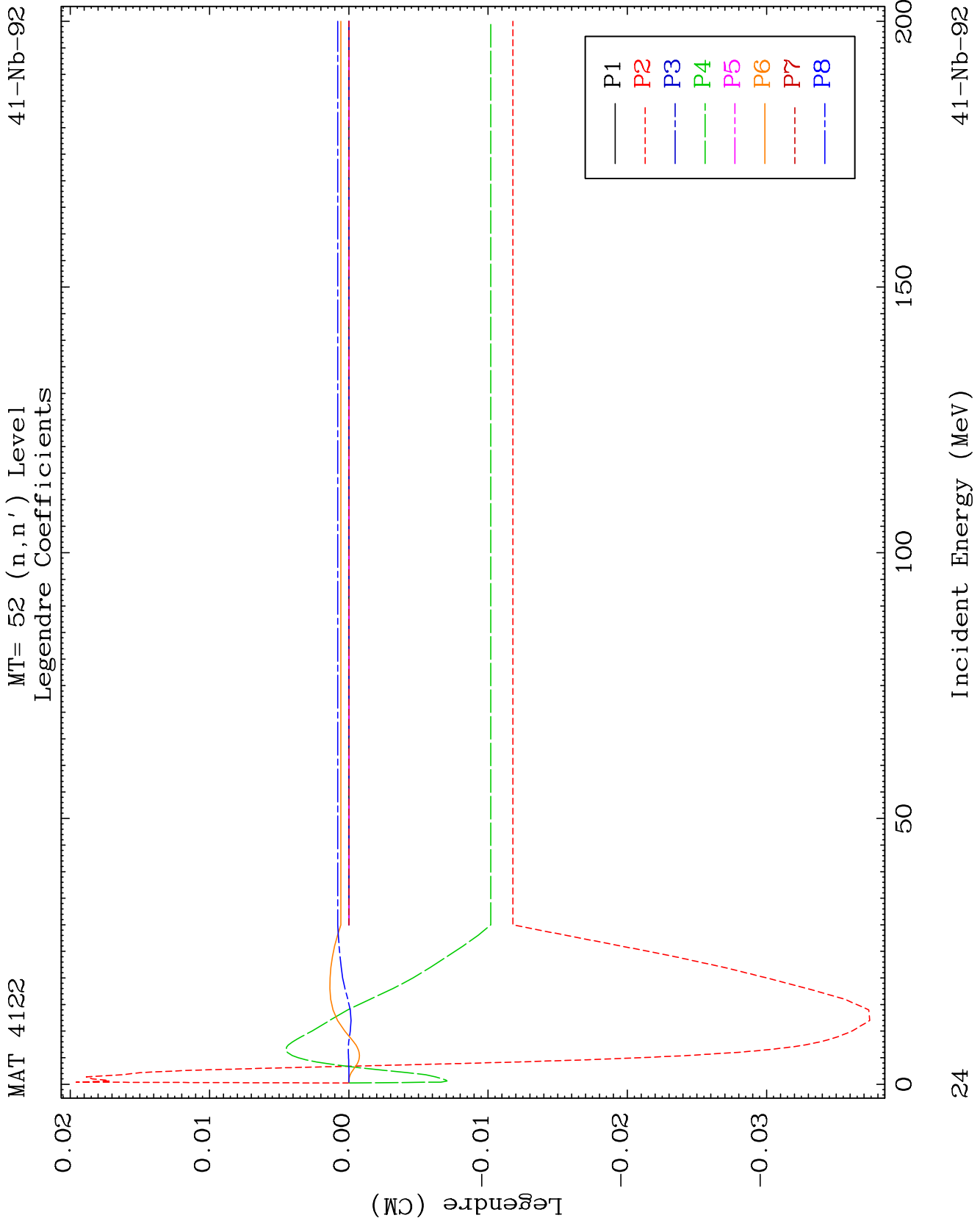
41-Nb-92

MAT 4122

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

41-Nb-92

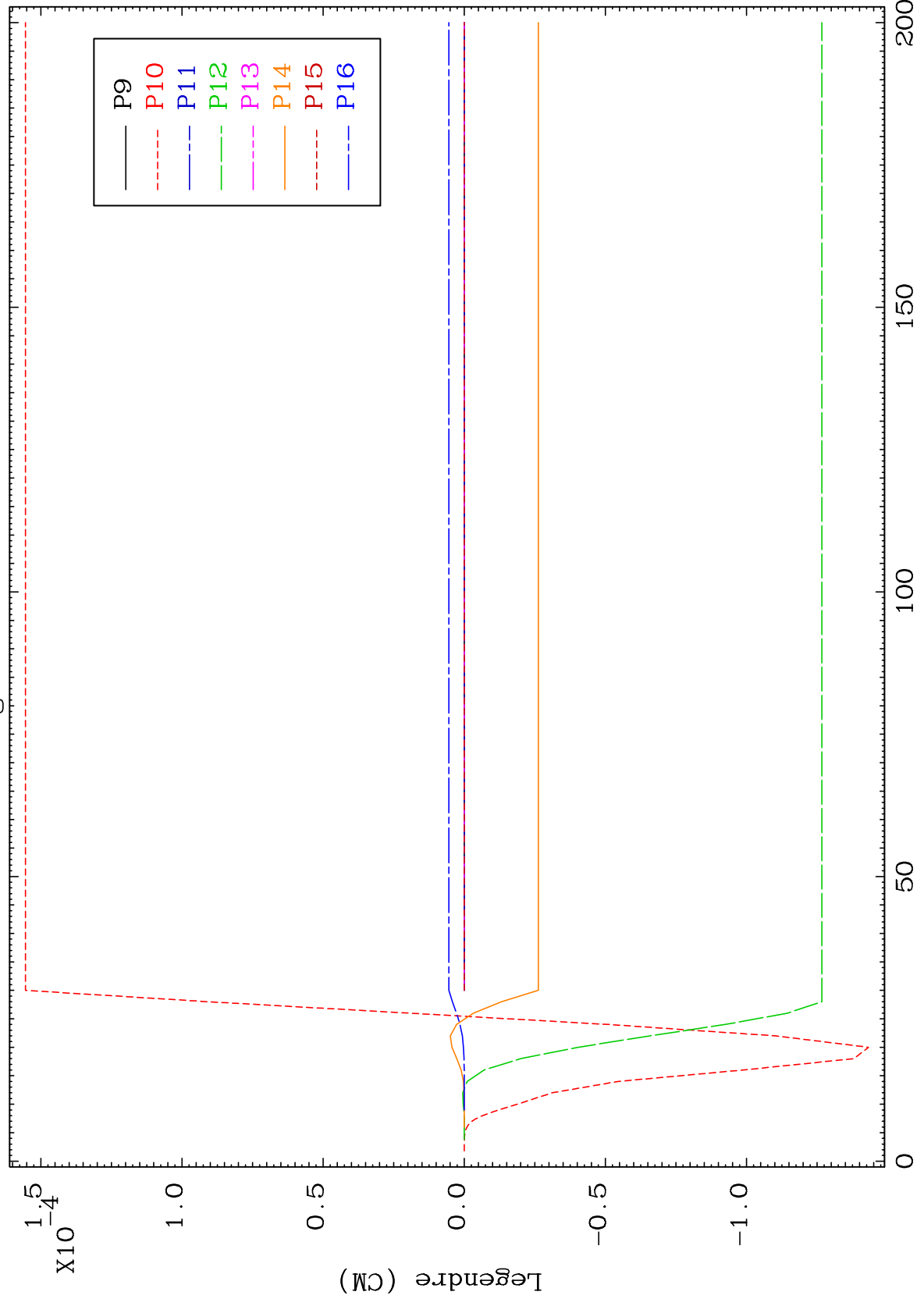




MAT 4122

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

41-Nb-92



25

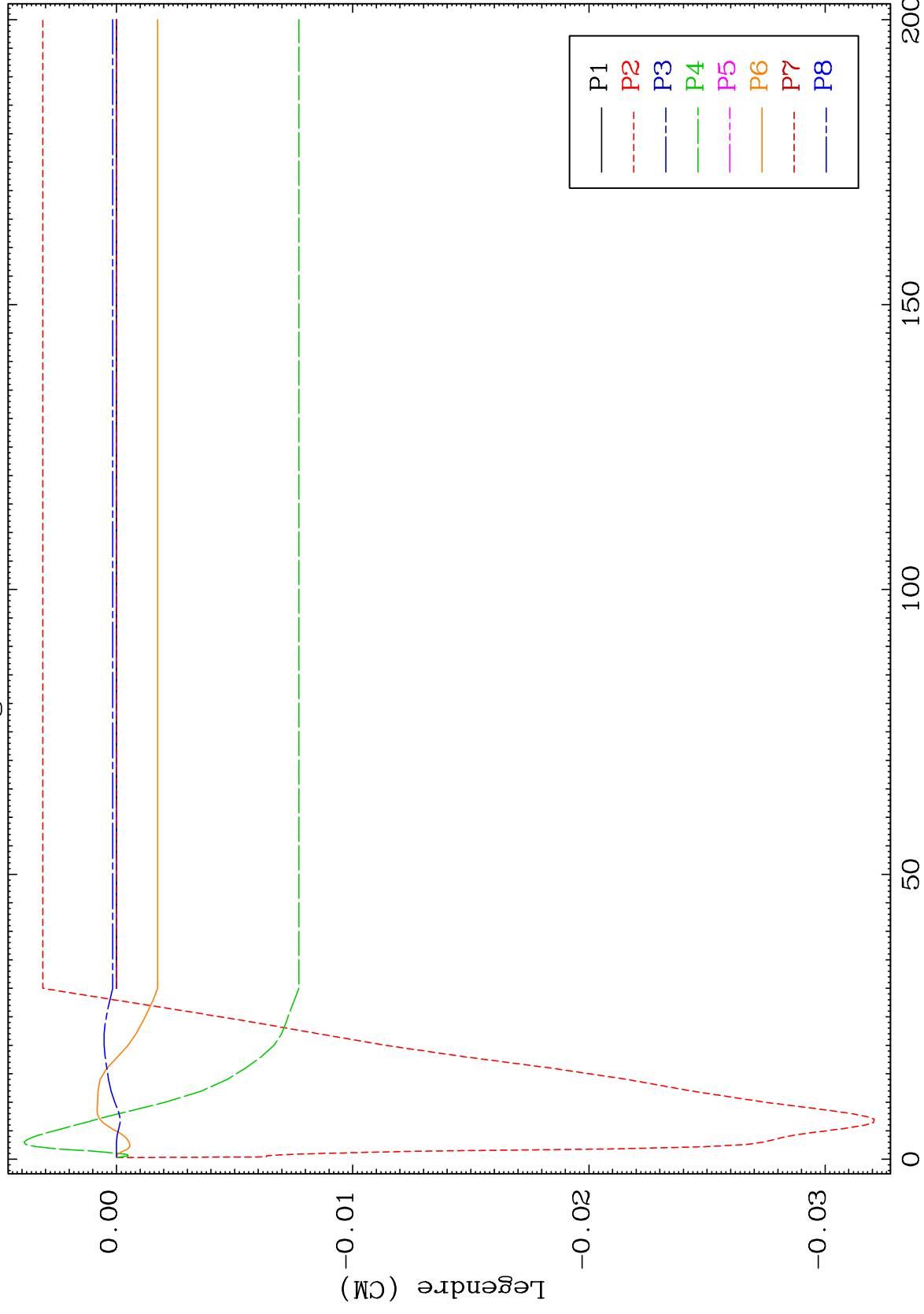
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



27

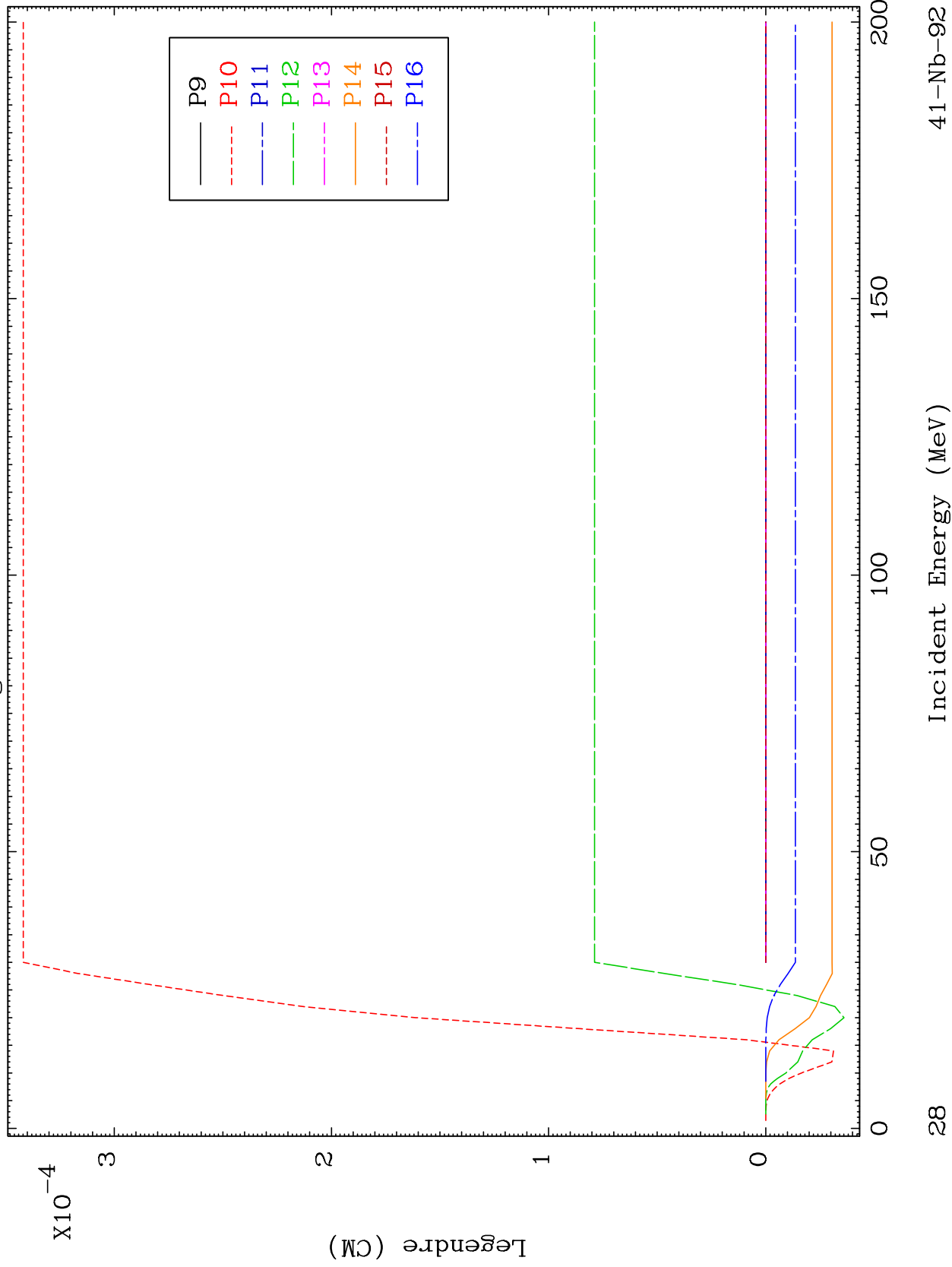
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

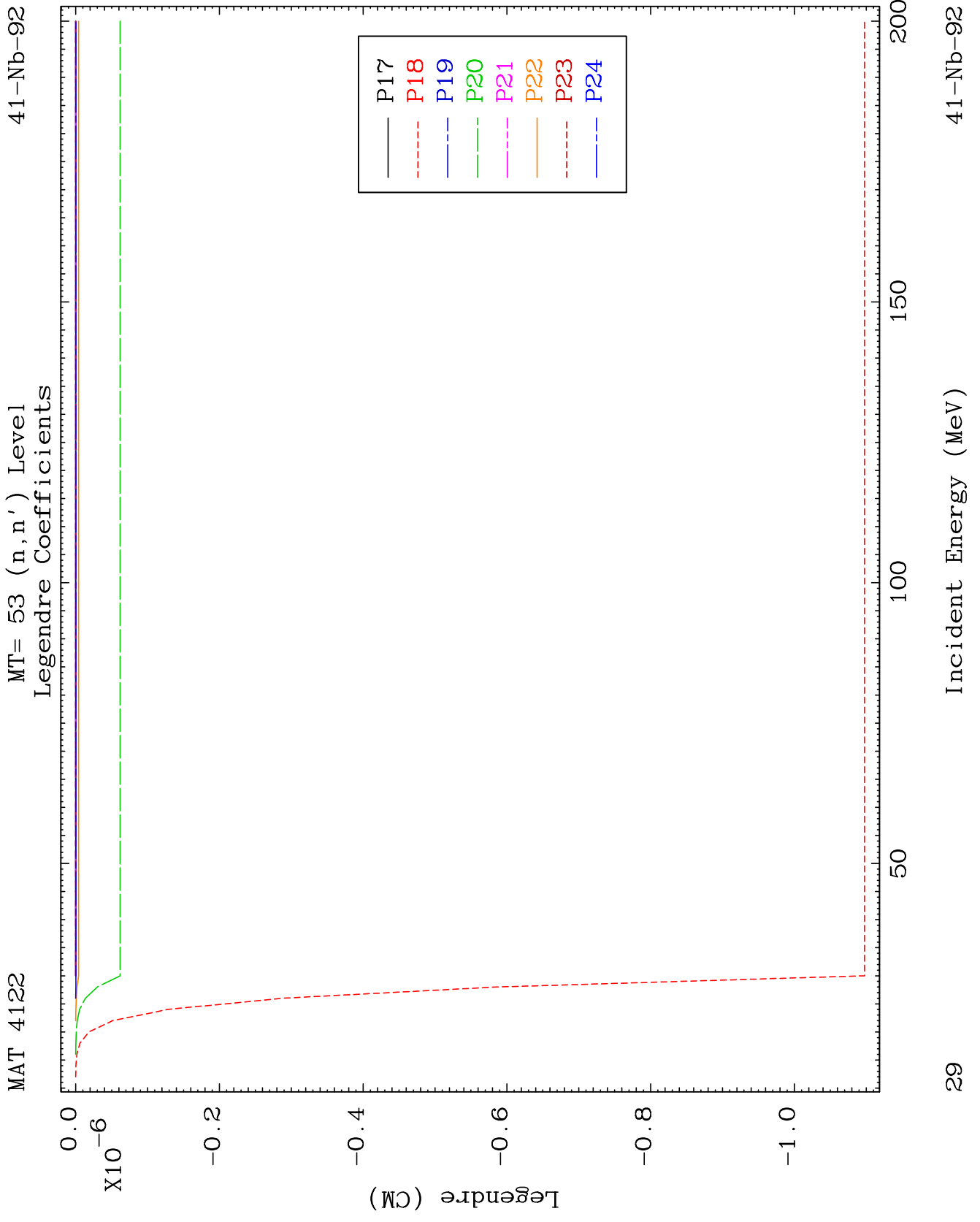
41-Nb-92



28

Incident Energy (MeV)

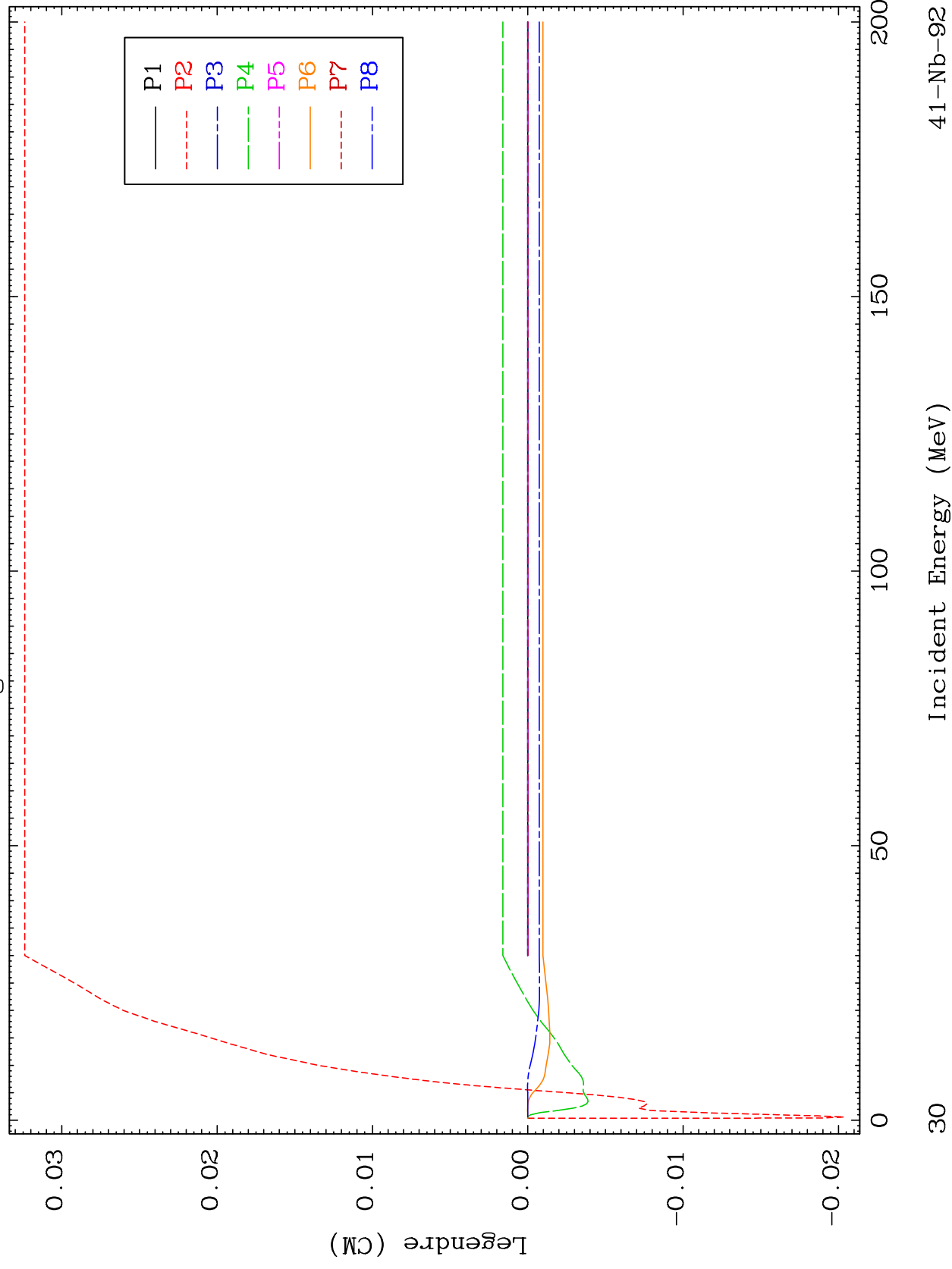
41-Nb-92



MAT 4122

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

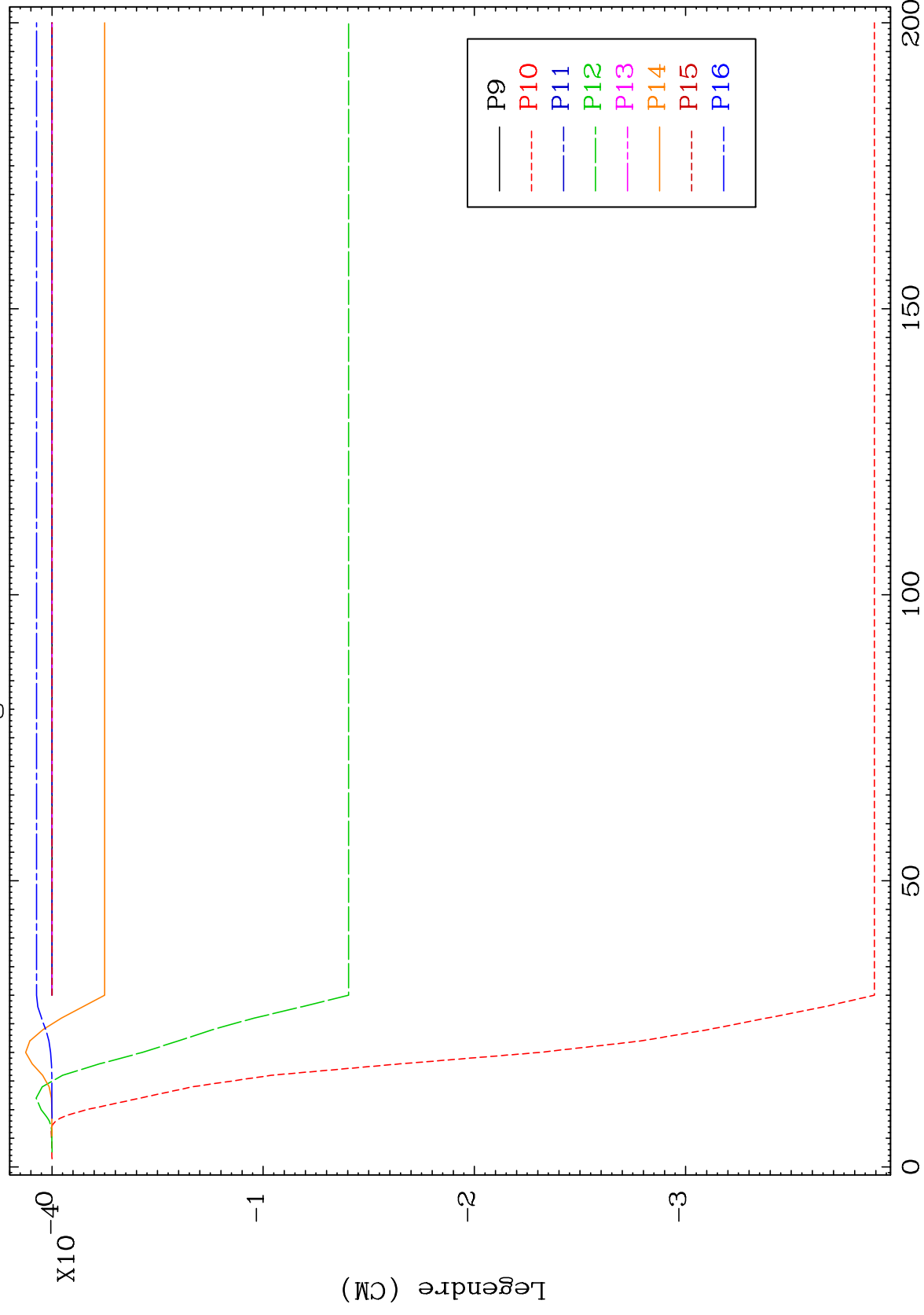
41-Nb-92



MAT 4122

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

41-Nb-92



31

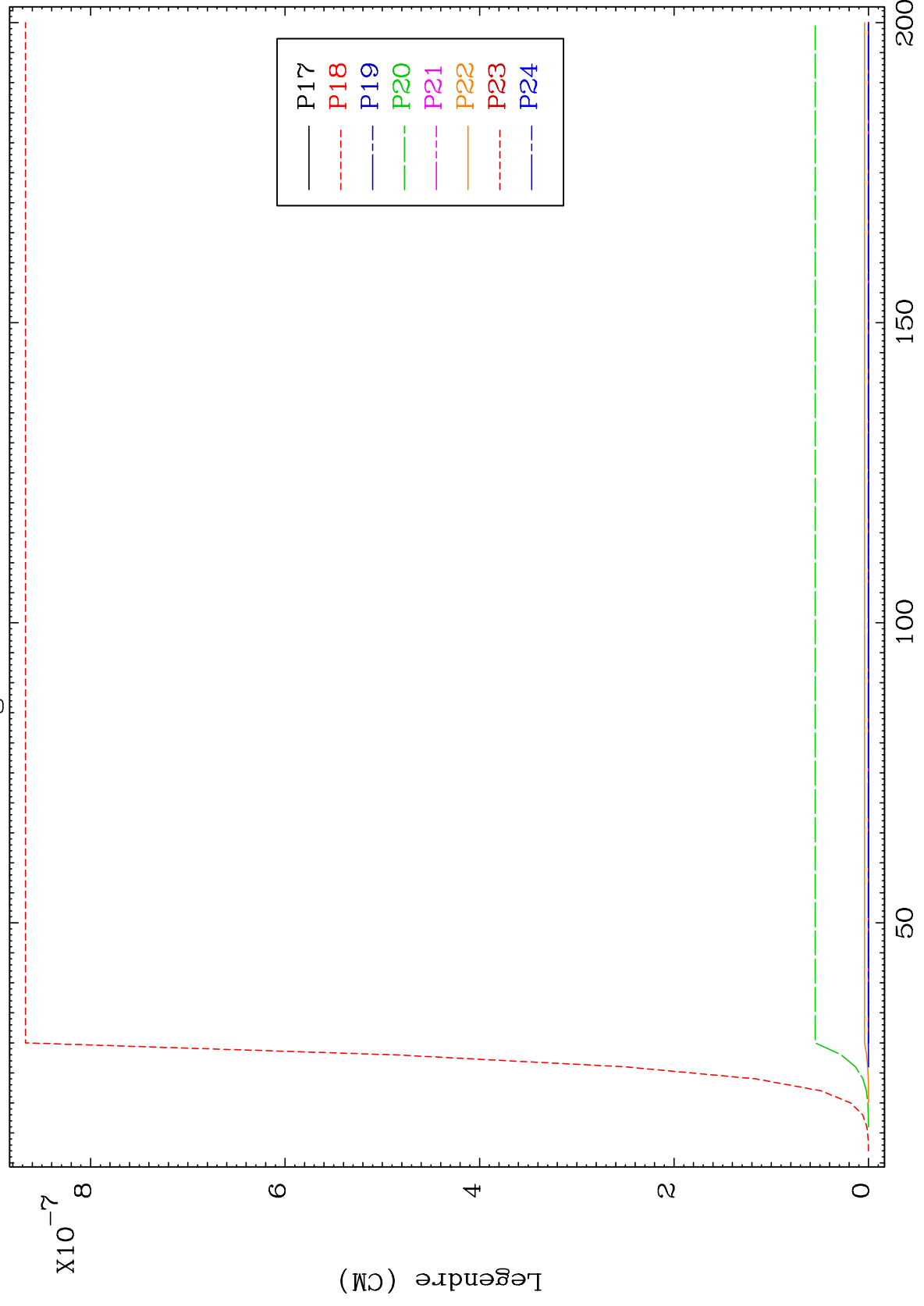
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



41-Nb-92

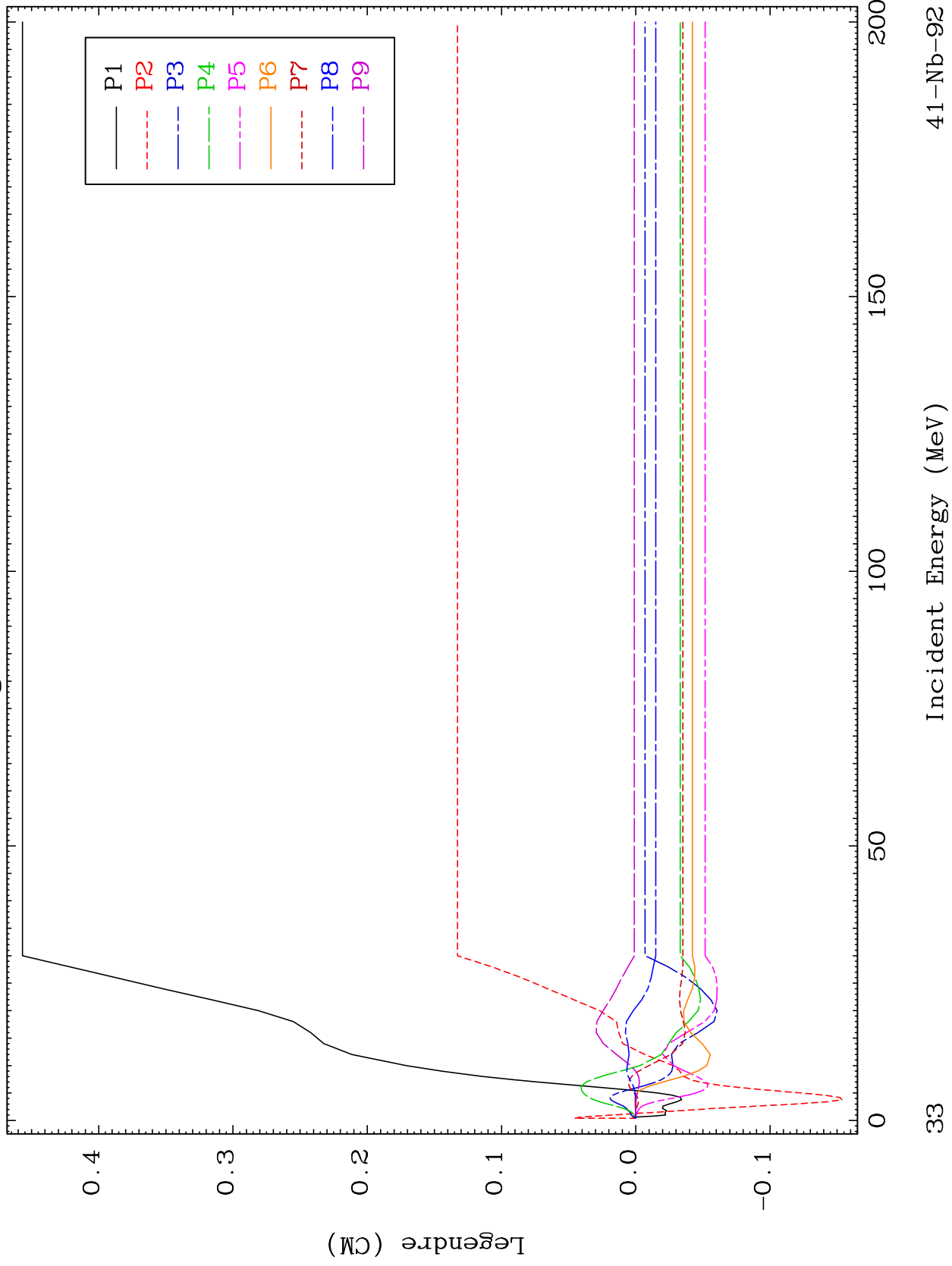
Incident Energy (MeV)

32

MAT 4122

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

41-Nb-92

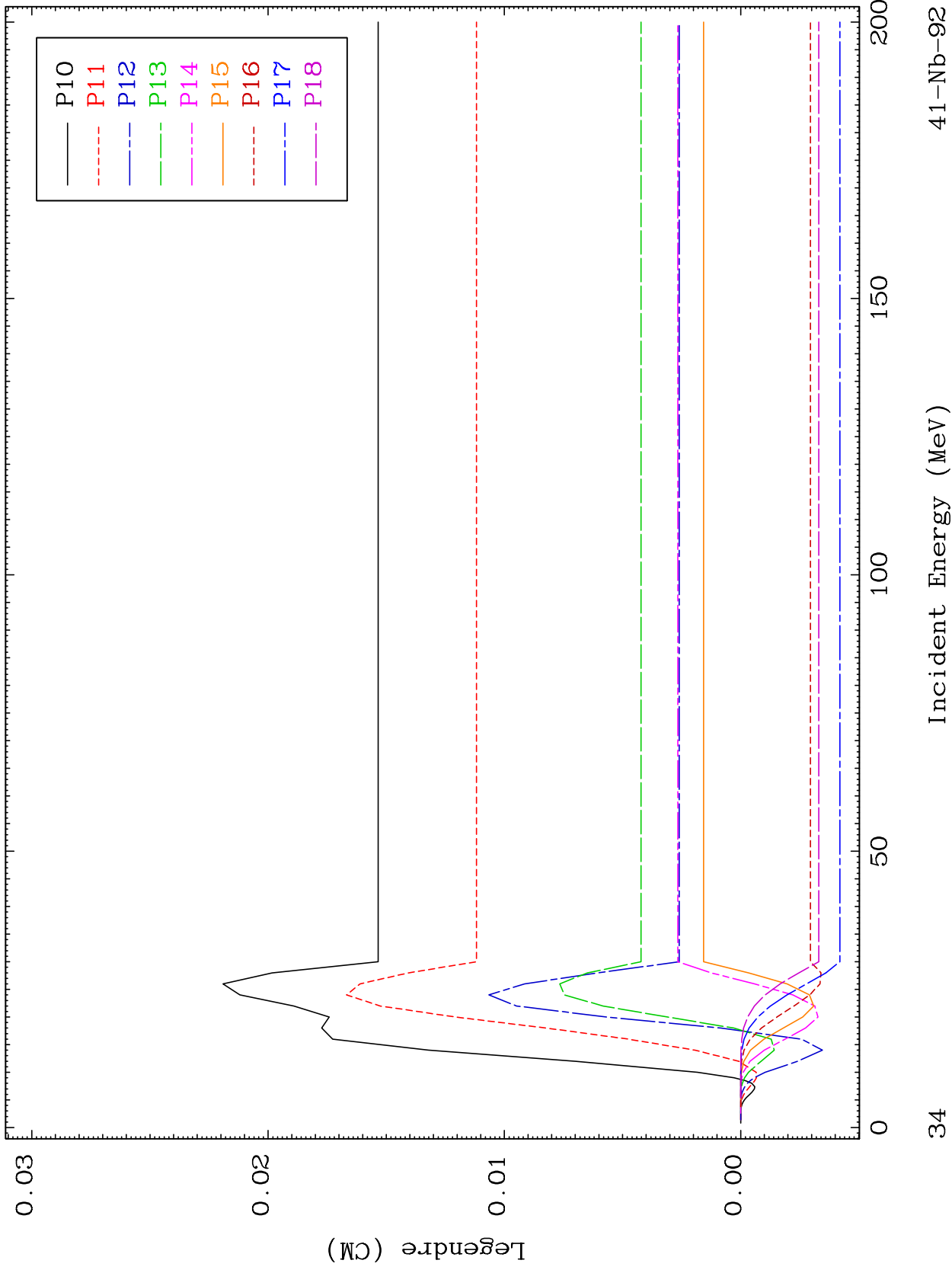


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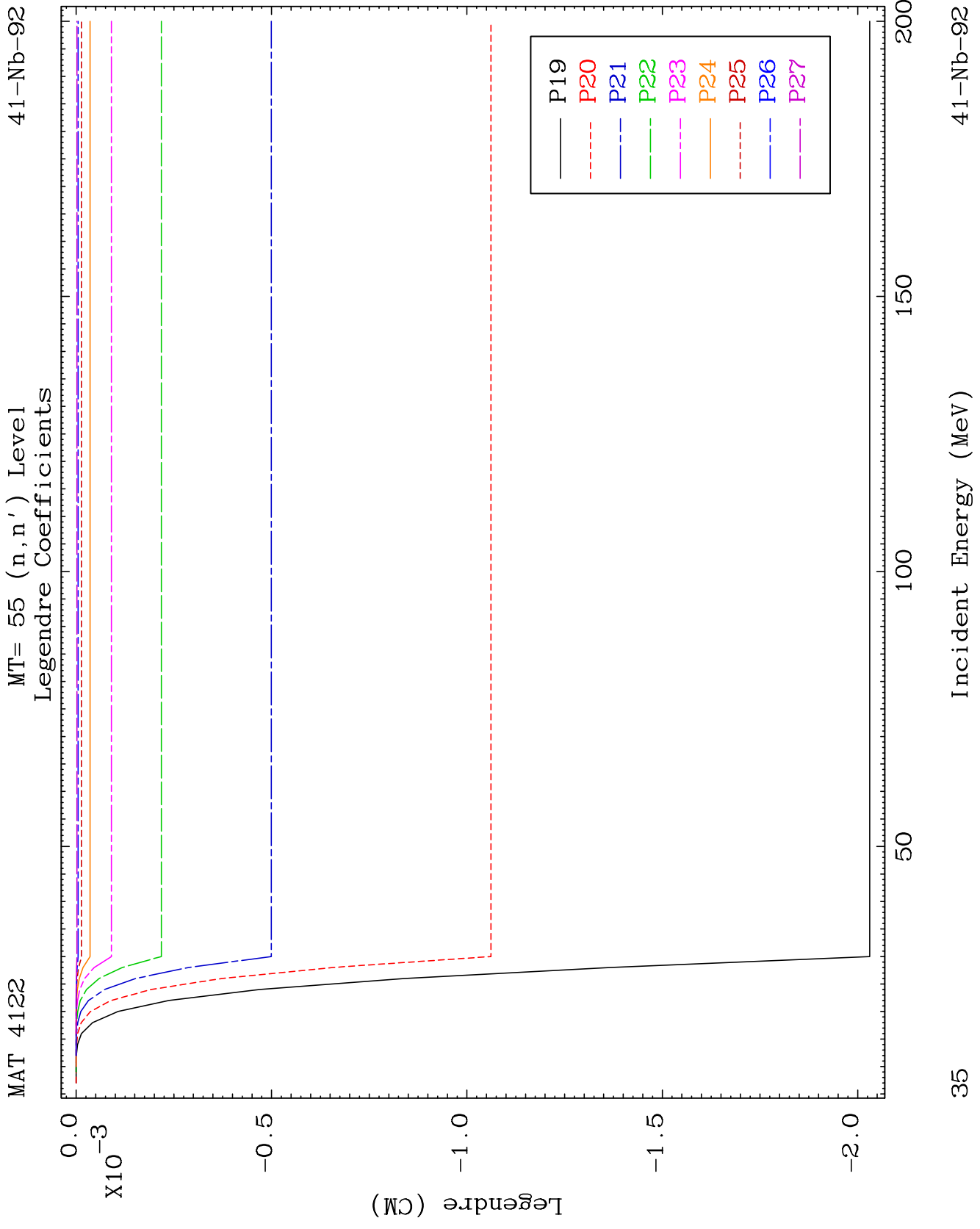
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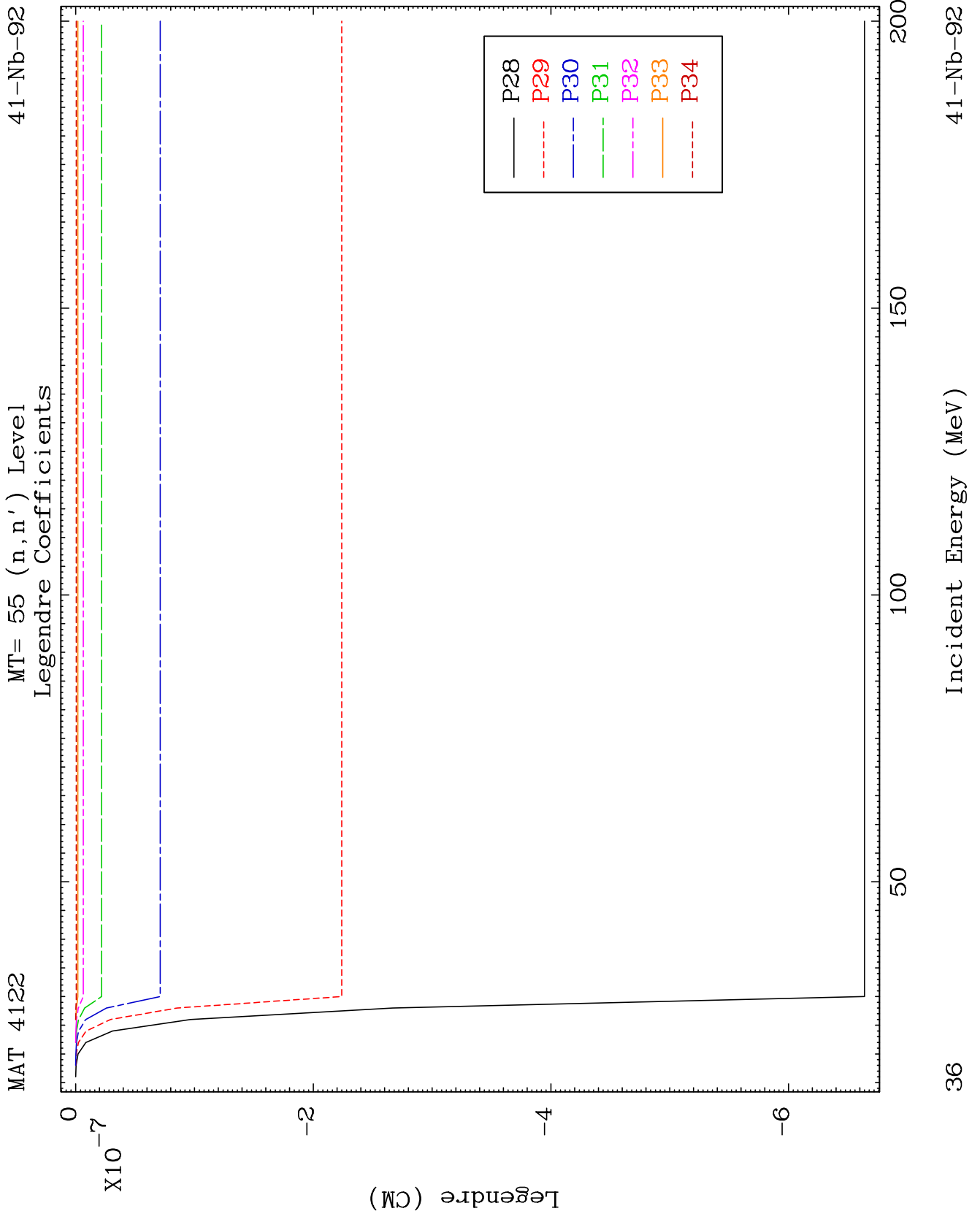
MT= 55 (n,n') Level
Legendre Coefficients

41-Nb-92



34

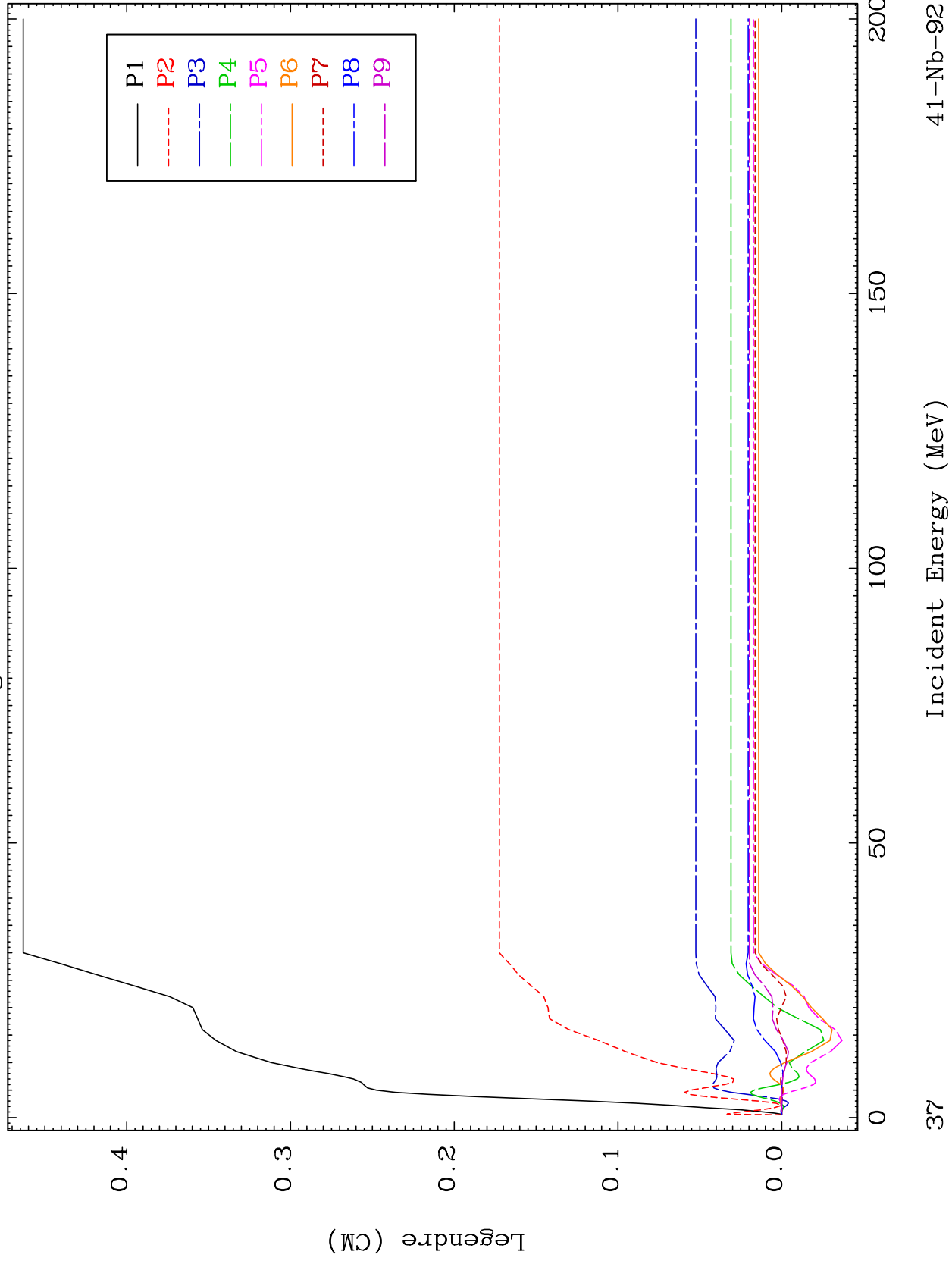




MAT 4122

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

41-Nb-92



37

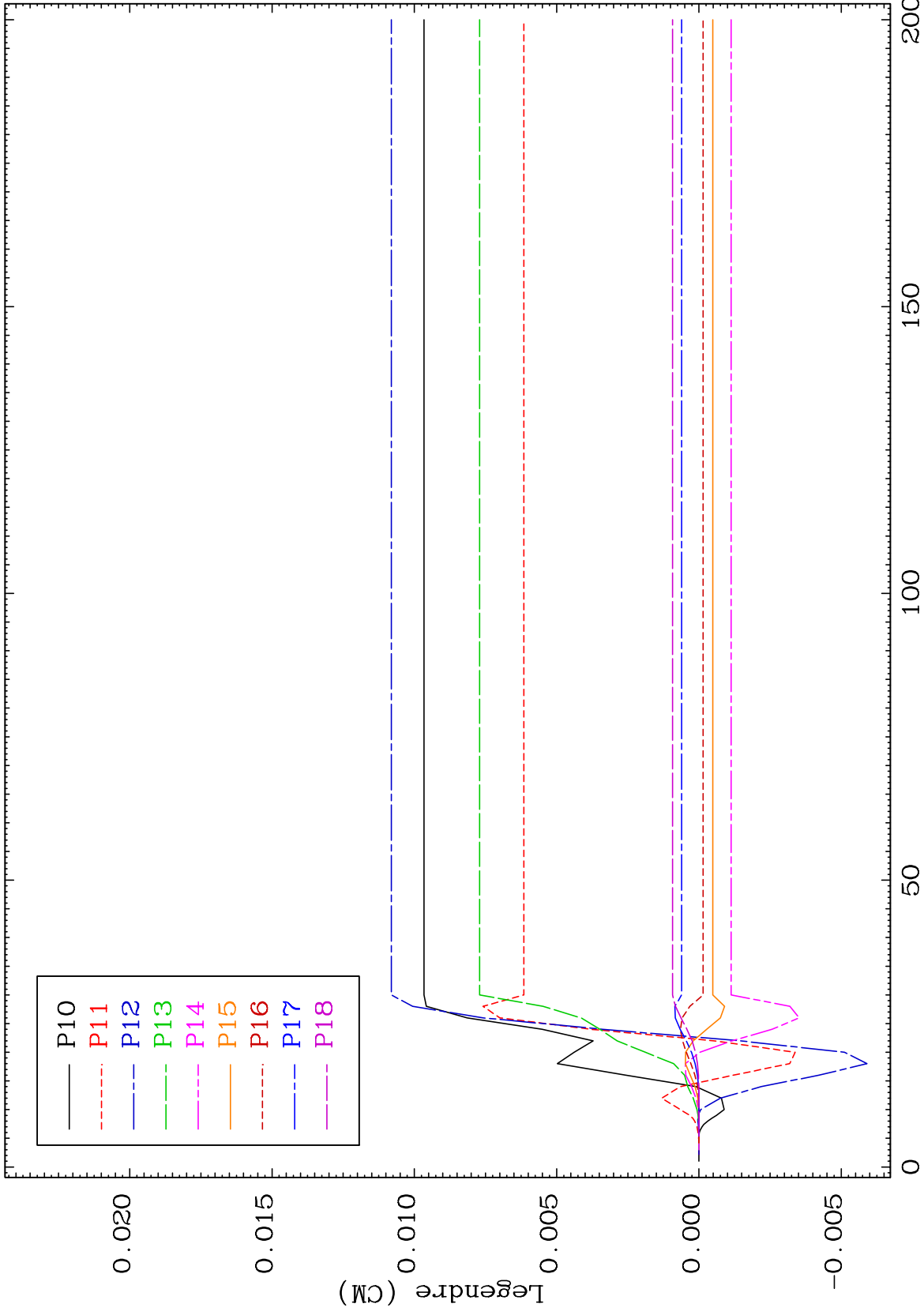
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



38

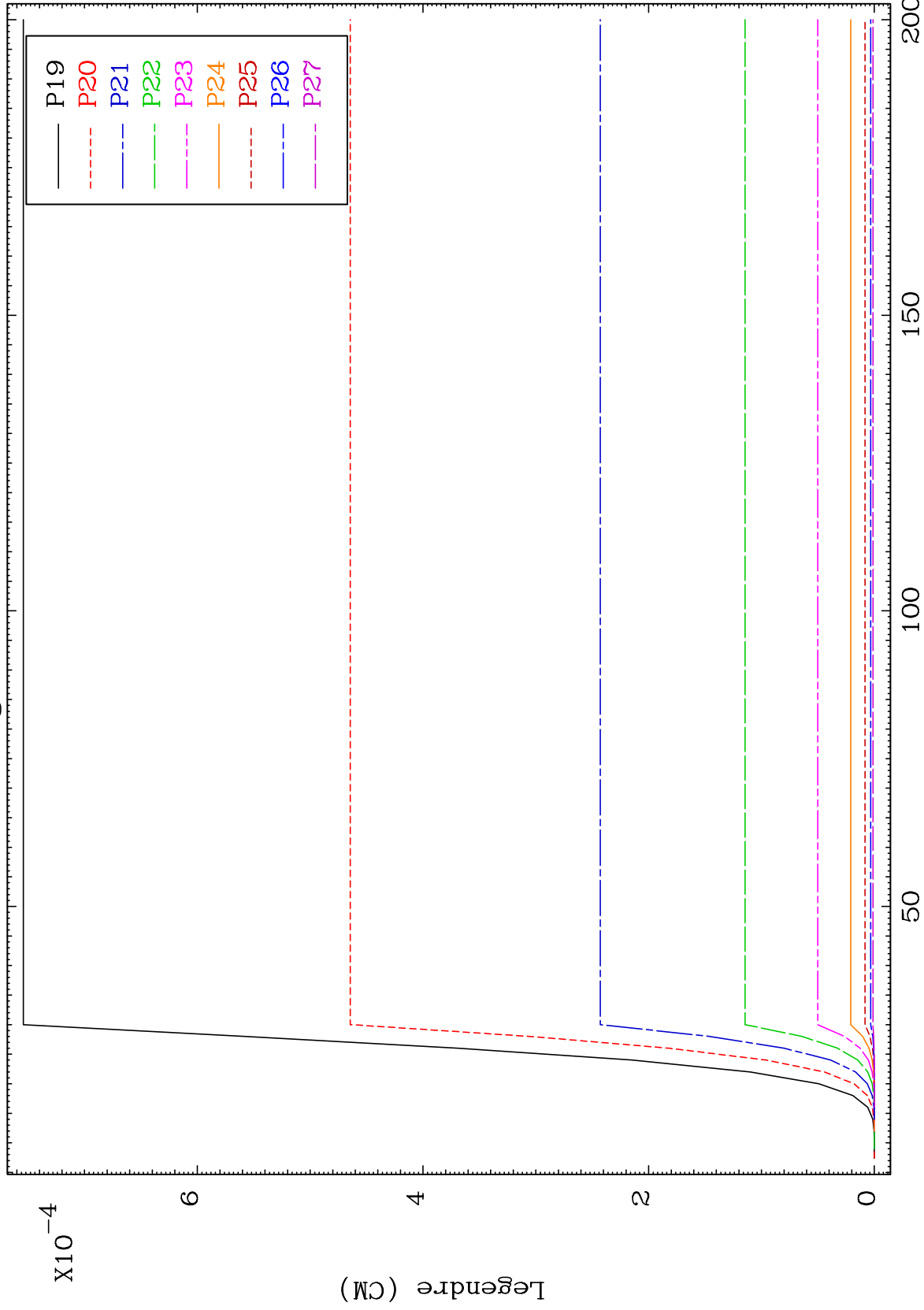
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



39

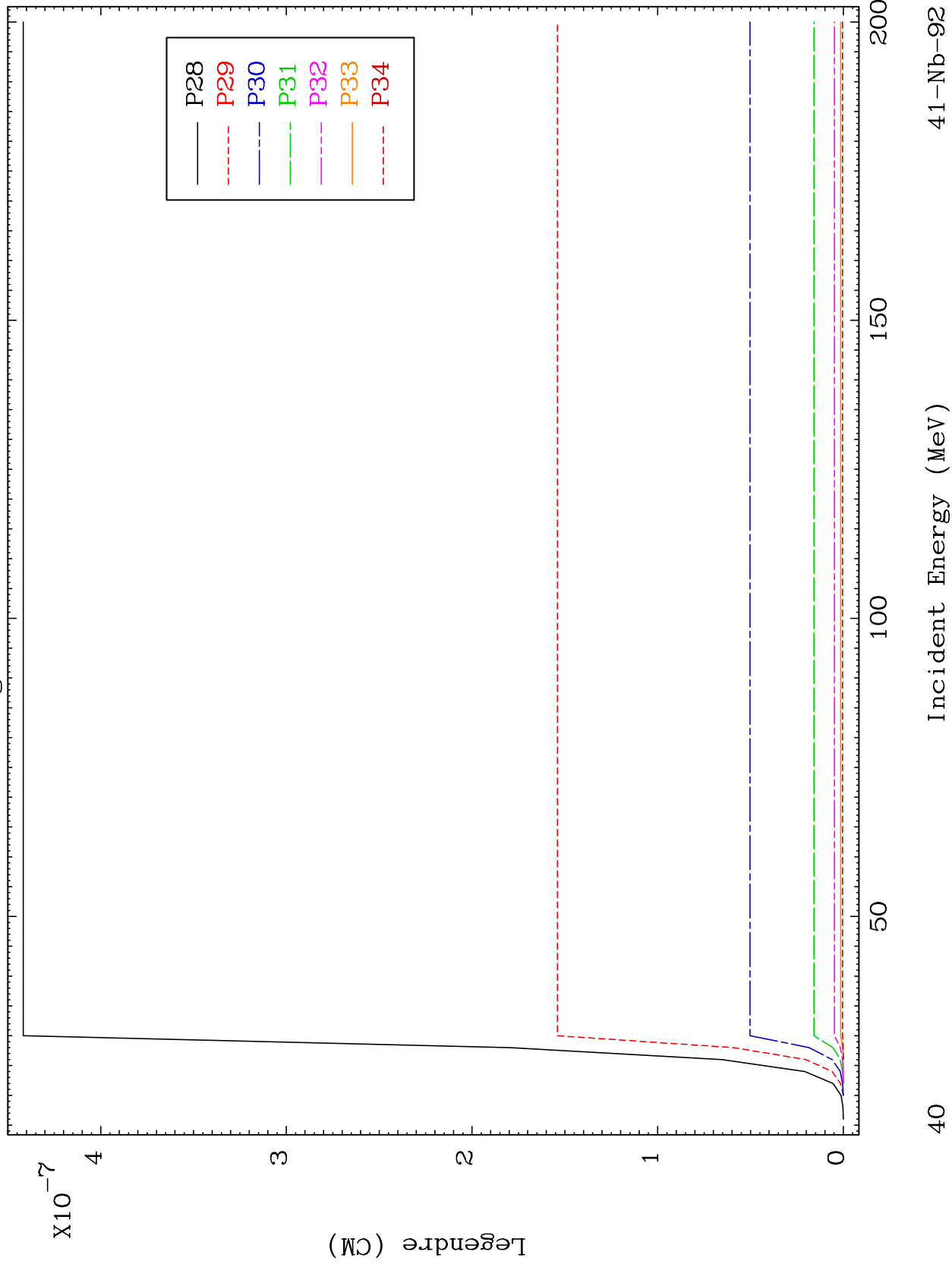
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

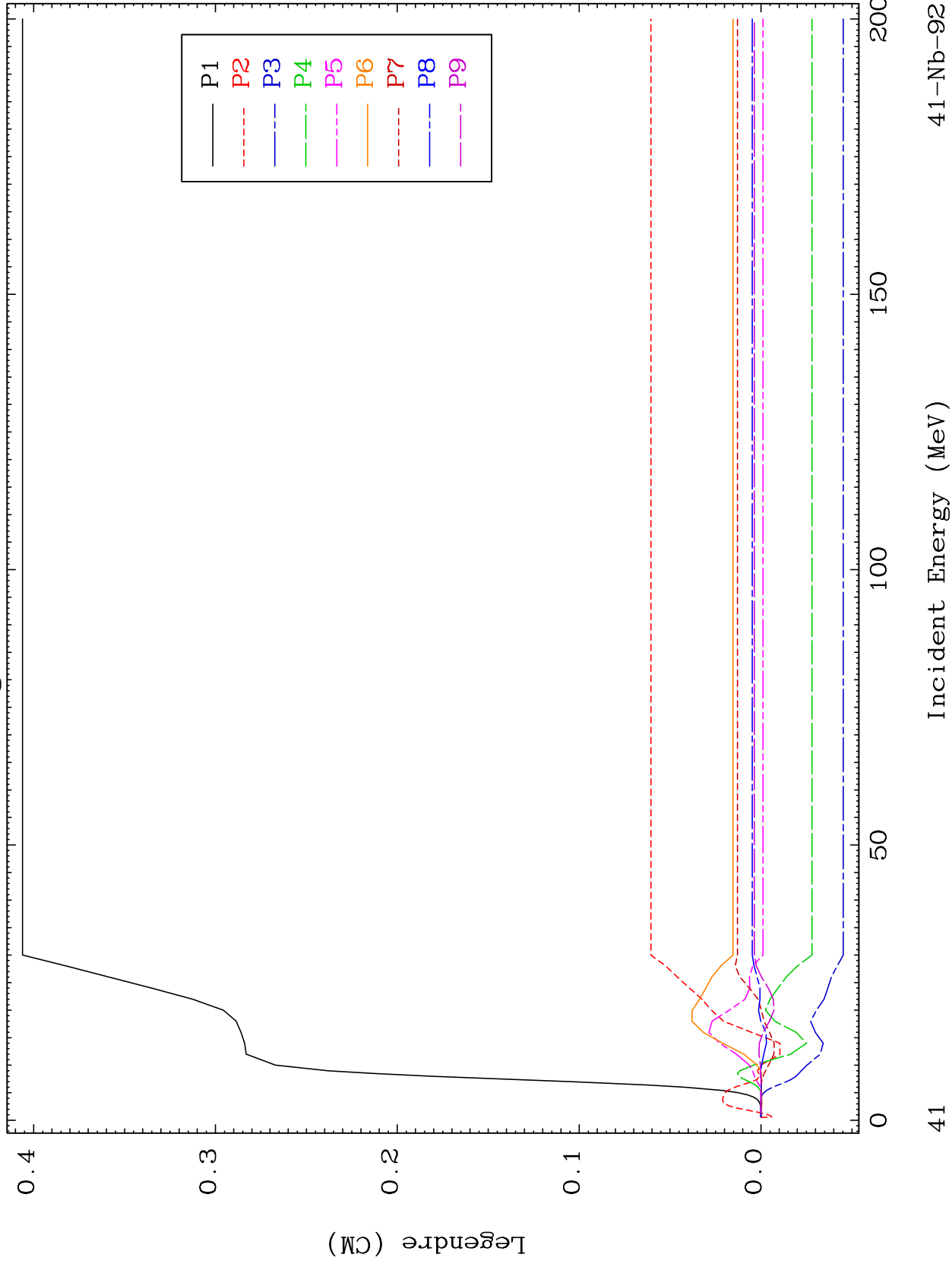
41-Nb-92



MAT 4122

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

41-Nb-92



41

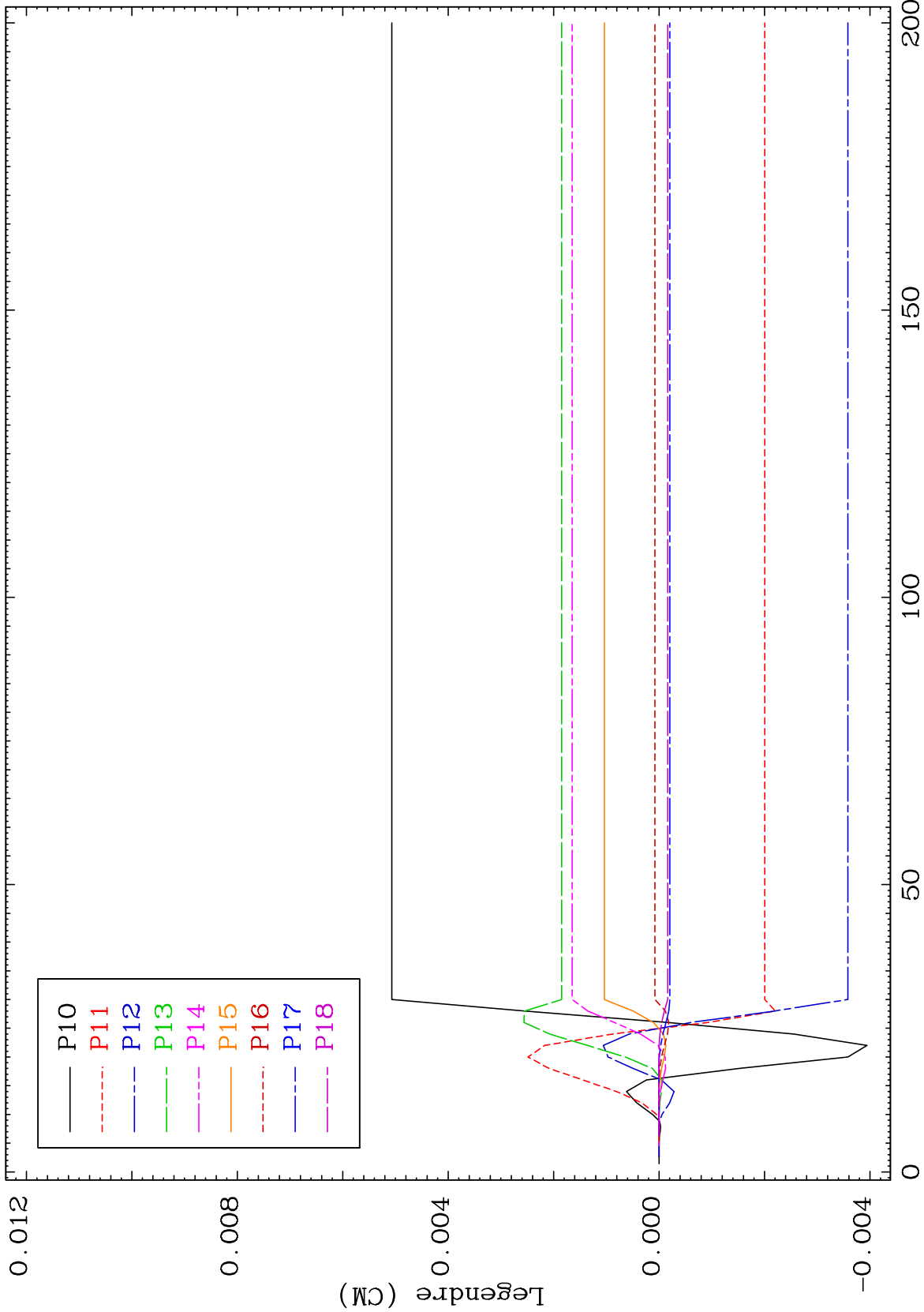
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



42

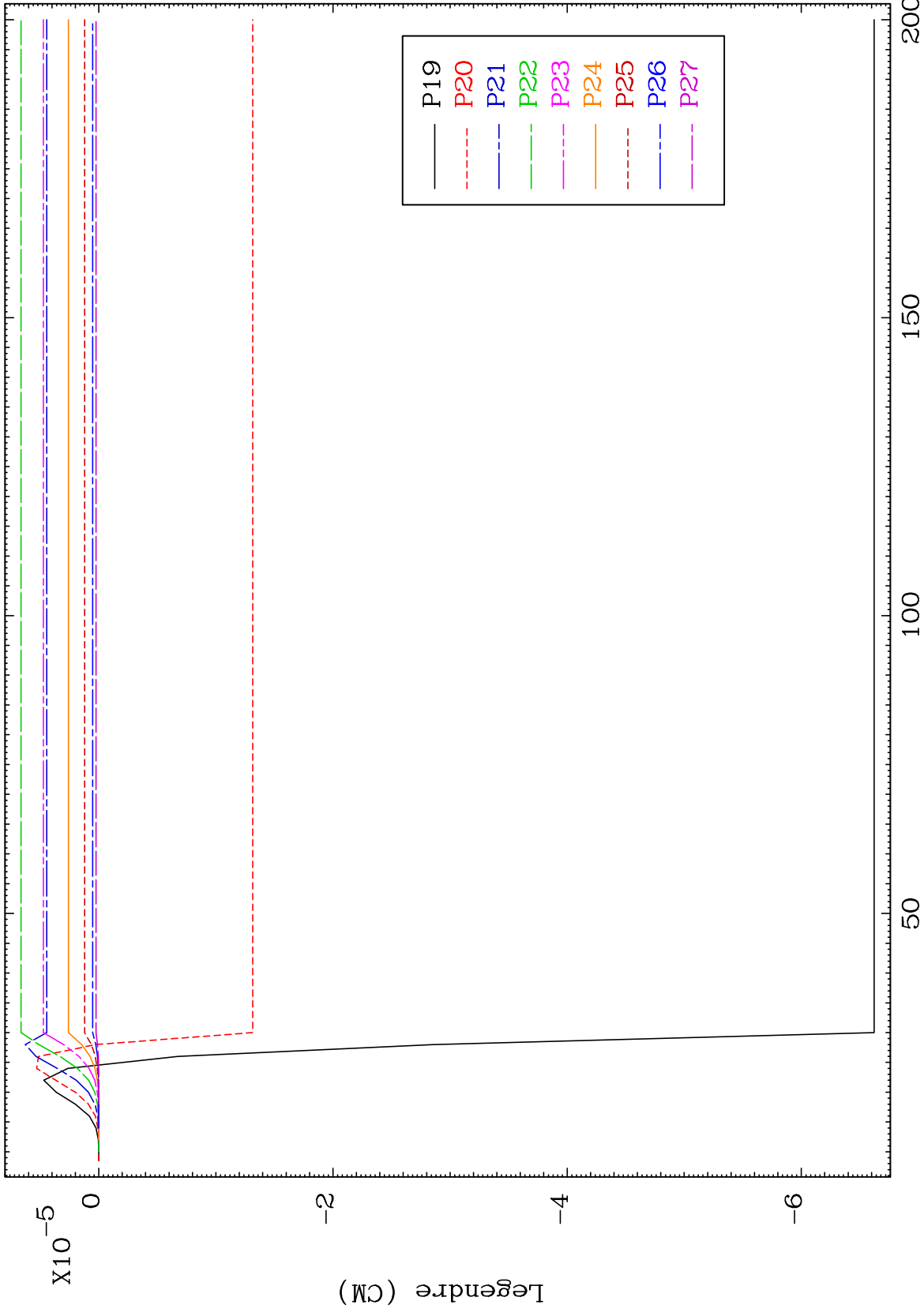
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



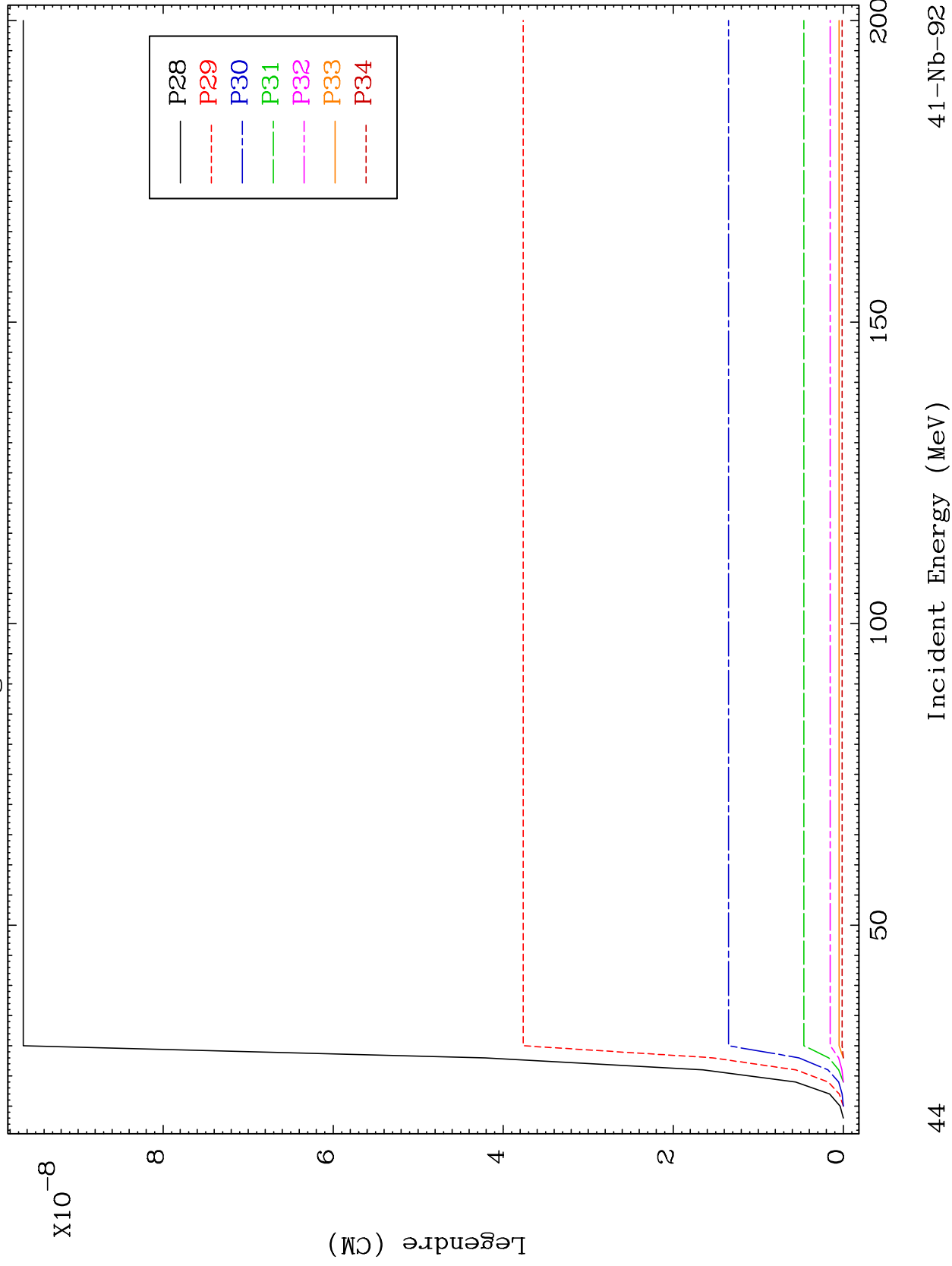
43

41-Nb-92

MAT 4122

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

41-Nb-92

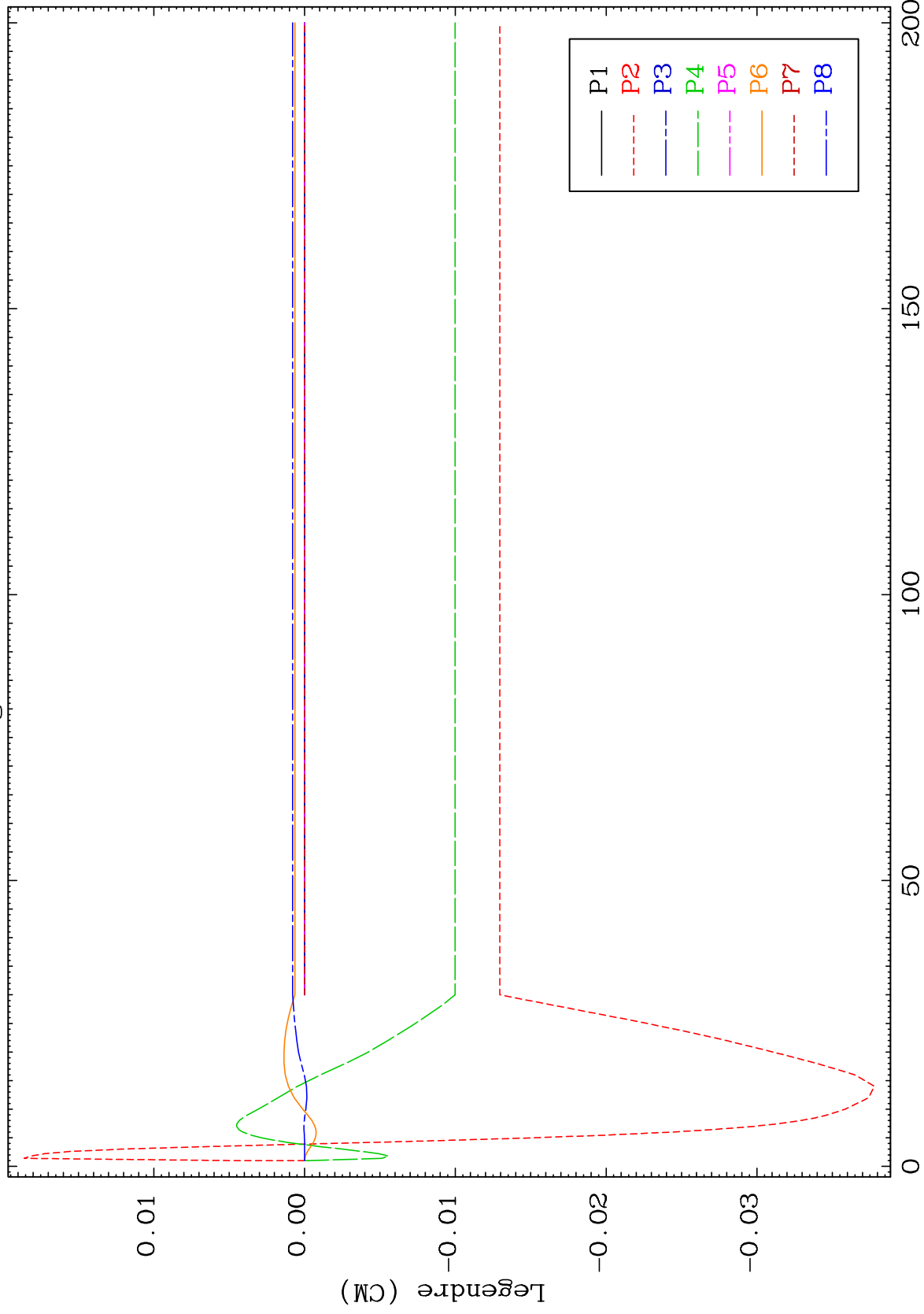


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MAT 4122

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

41-Nb-92



45

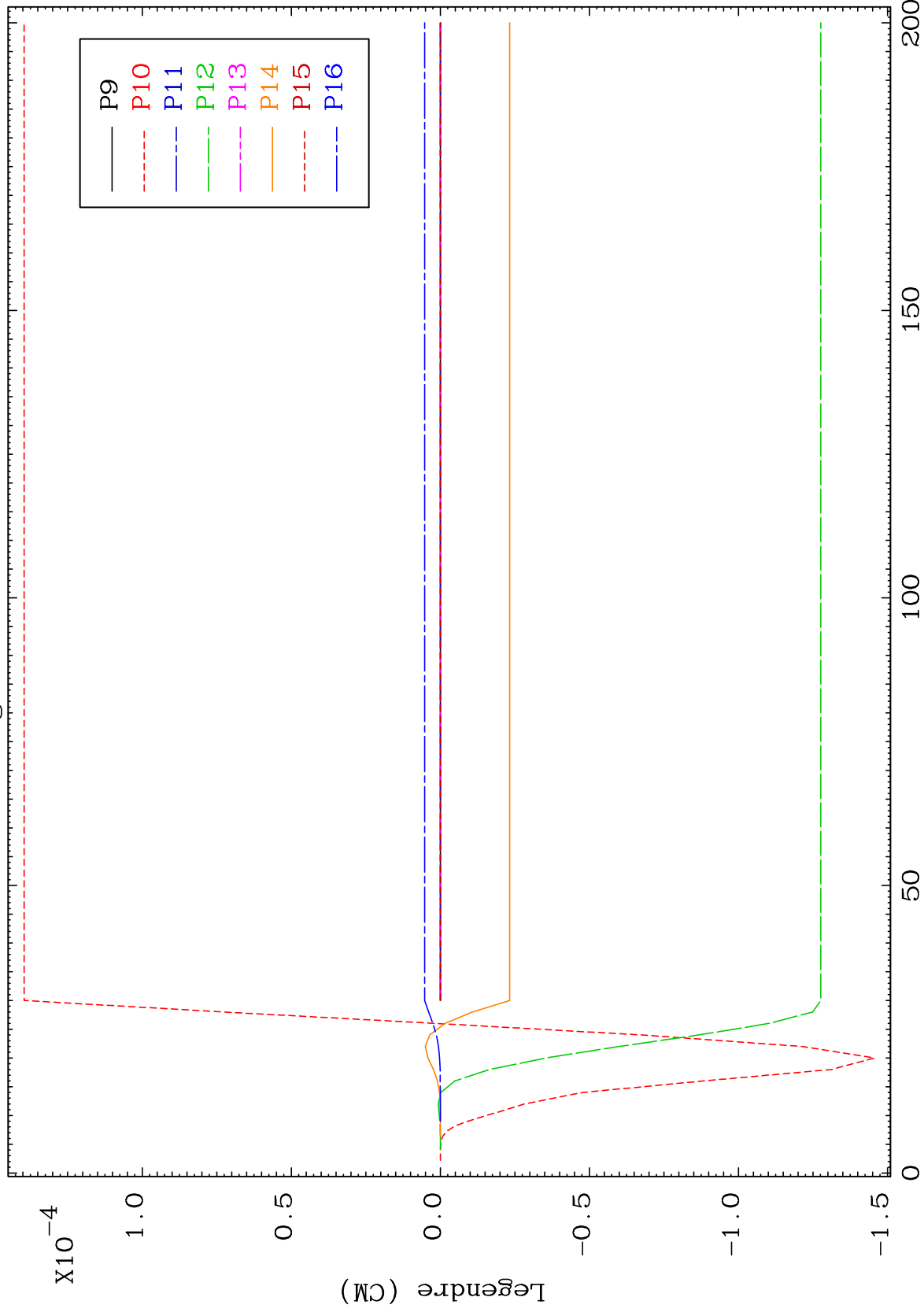
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

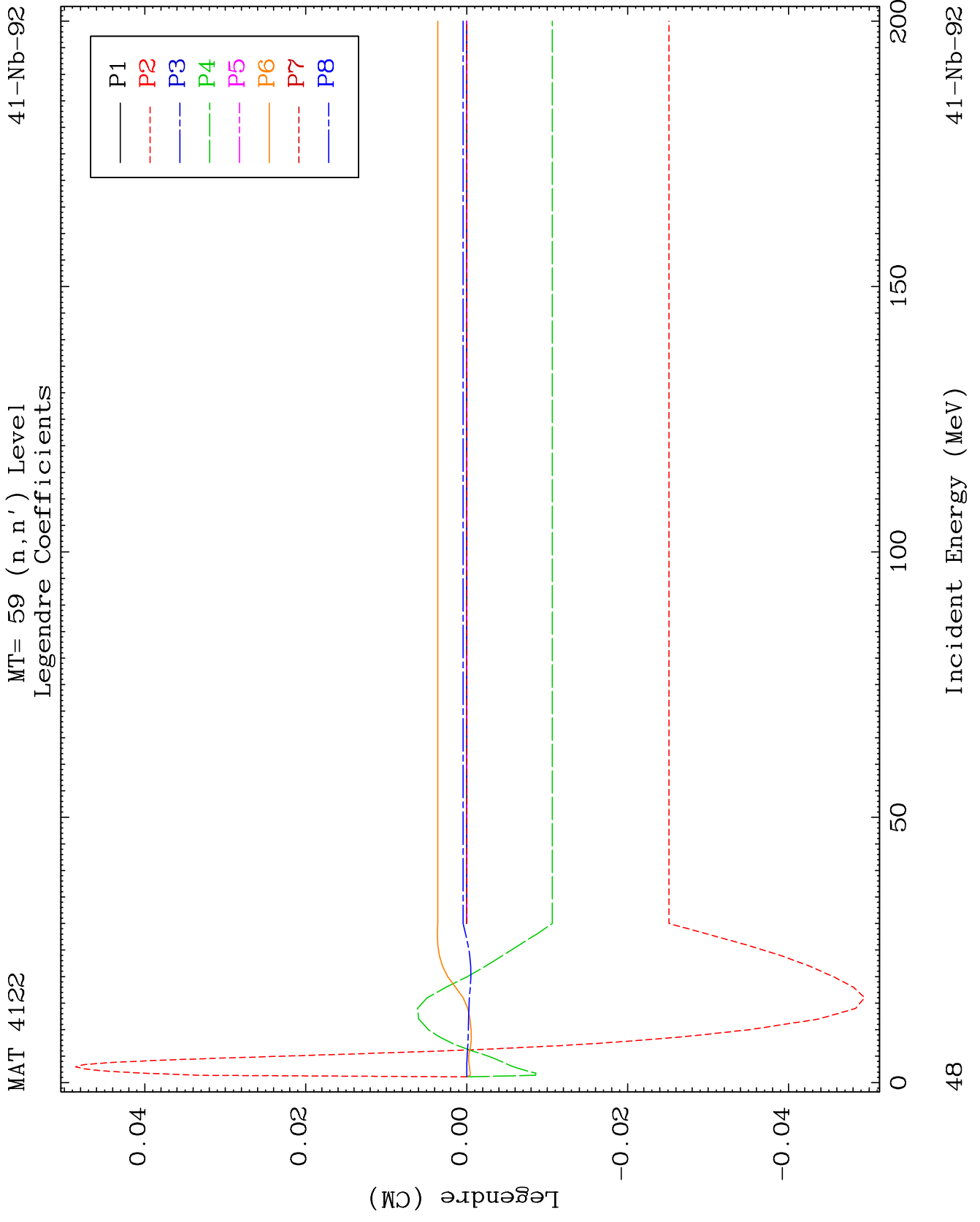
41-Nb-92



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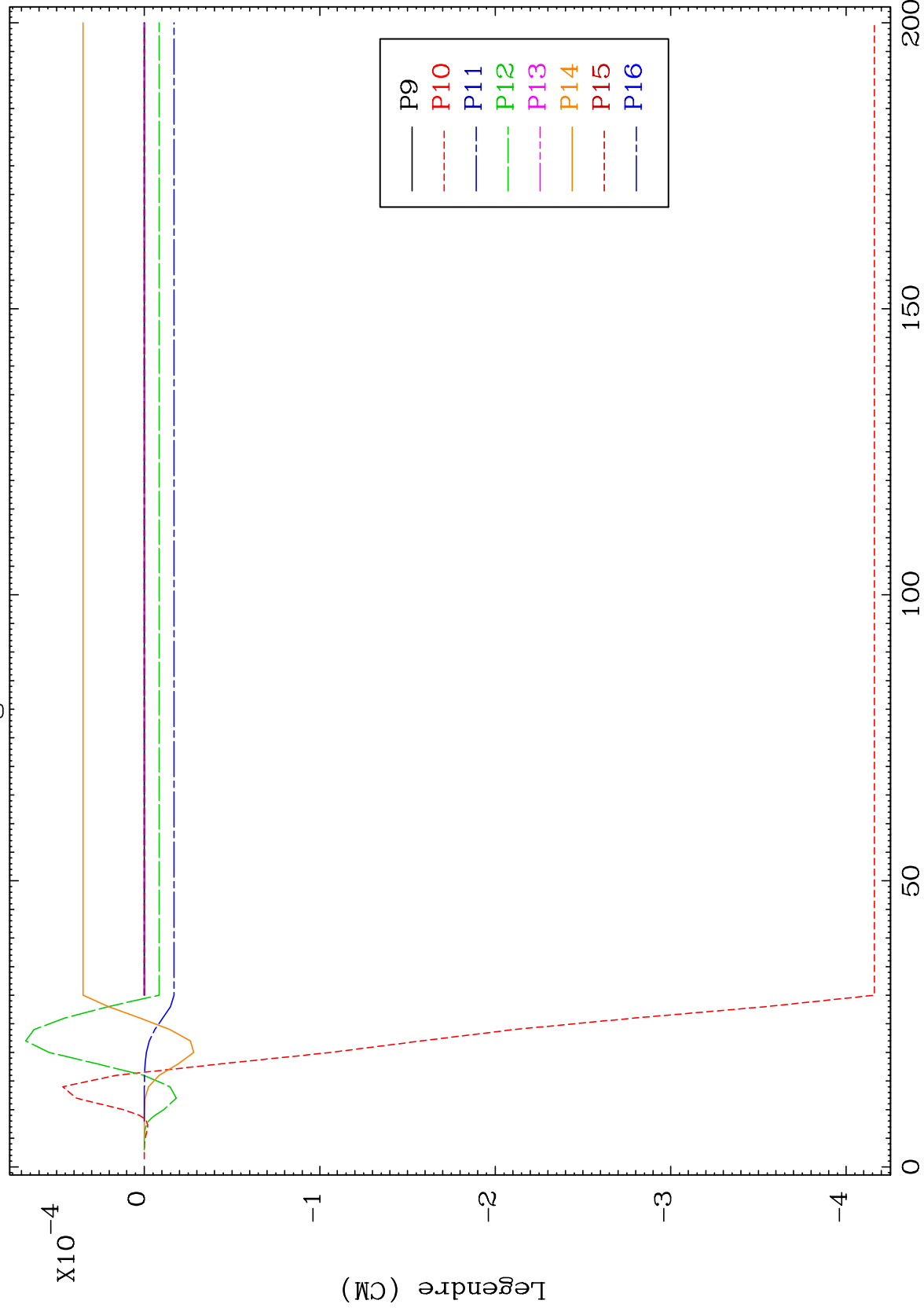
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MAT 4122

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

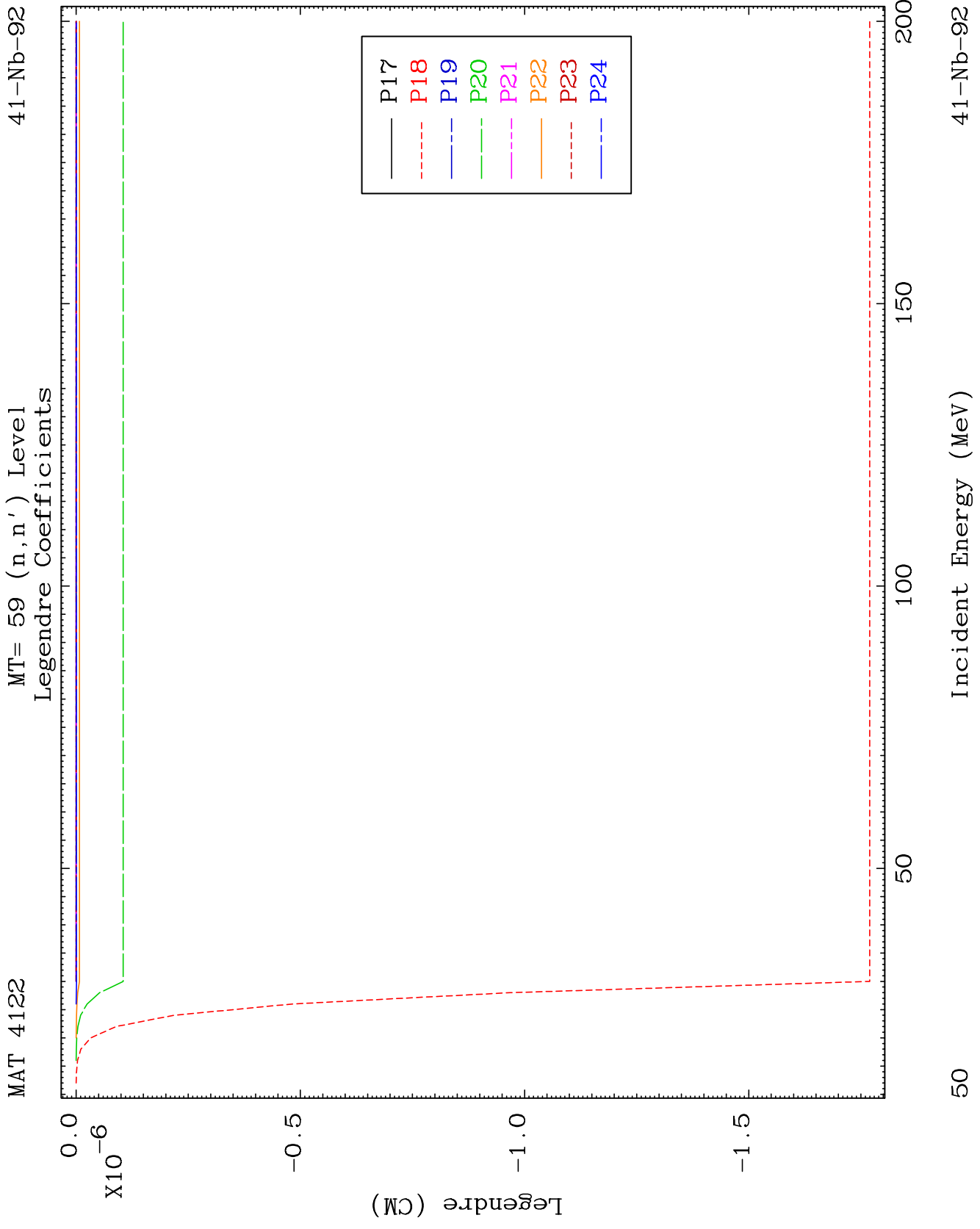
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49

Incident Energy (MeV)

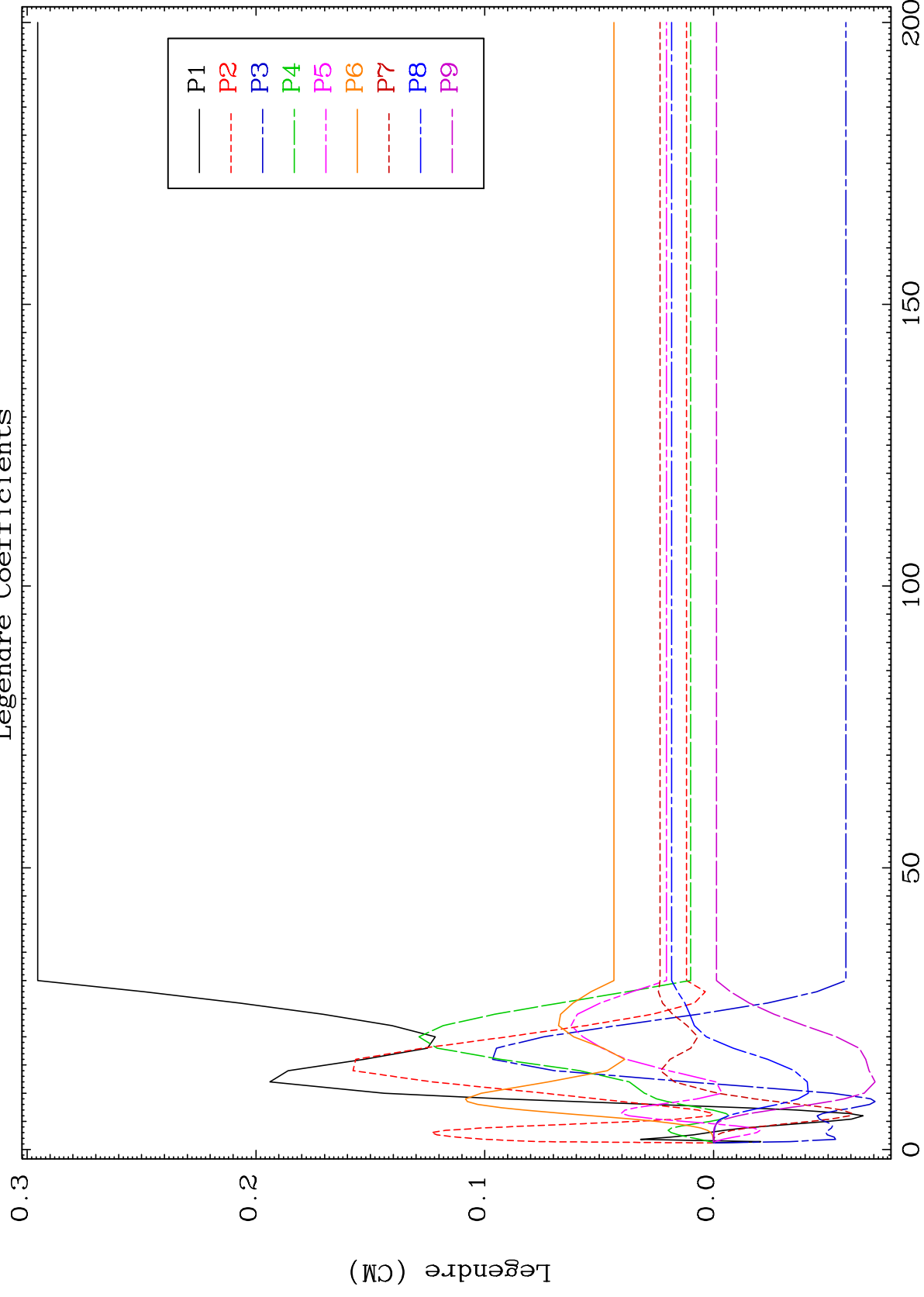
41-Nb-92



MAT 4122

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

41-Nb-92



Incident Energy (MeV)

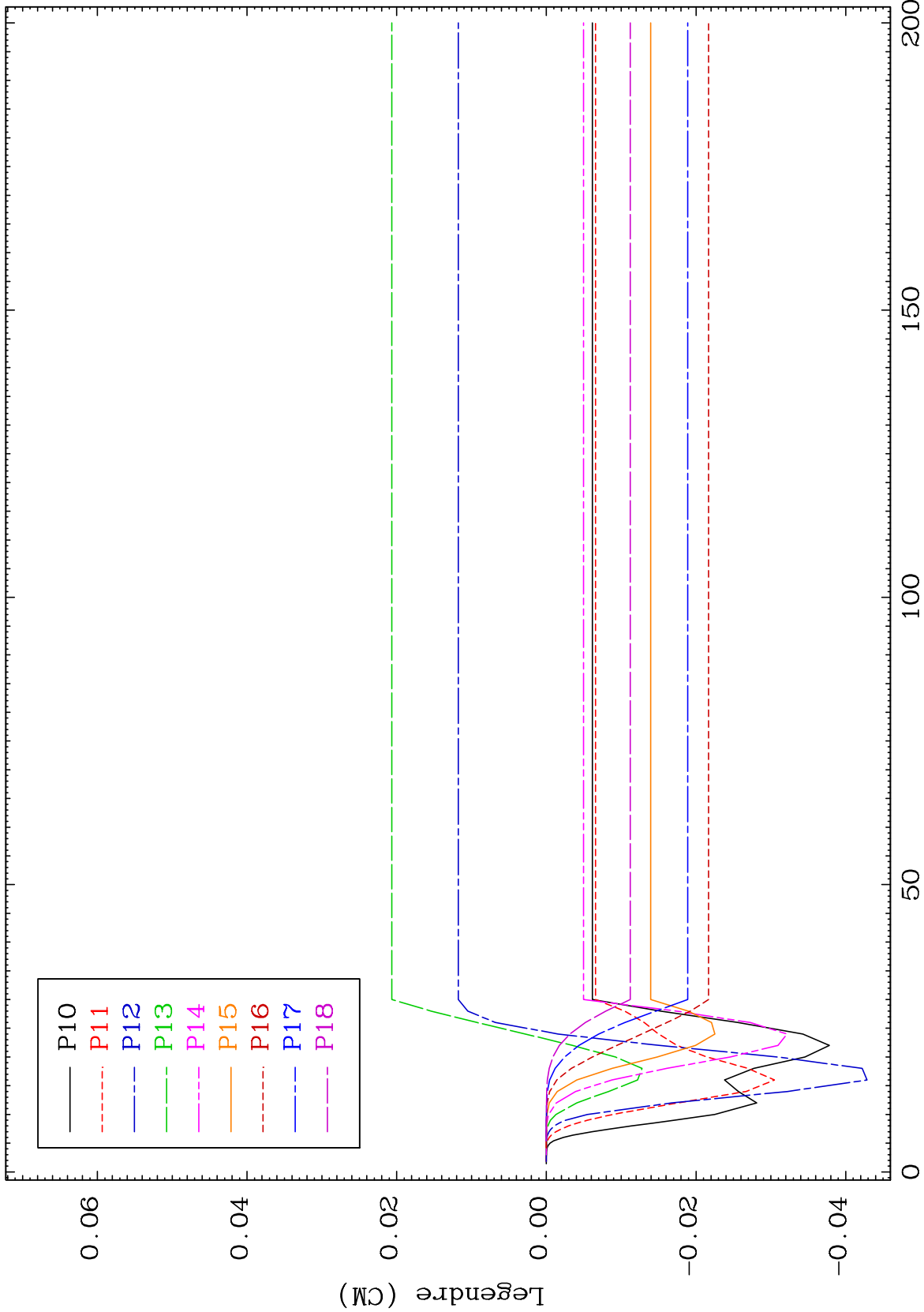
41-Nb-92

51

MAT 4122

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

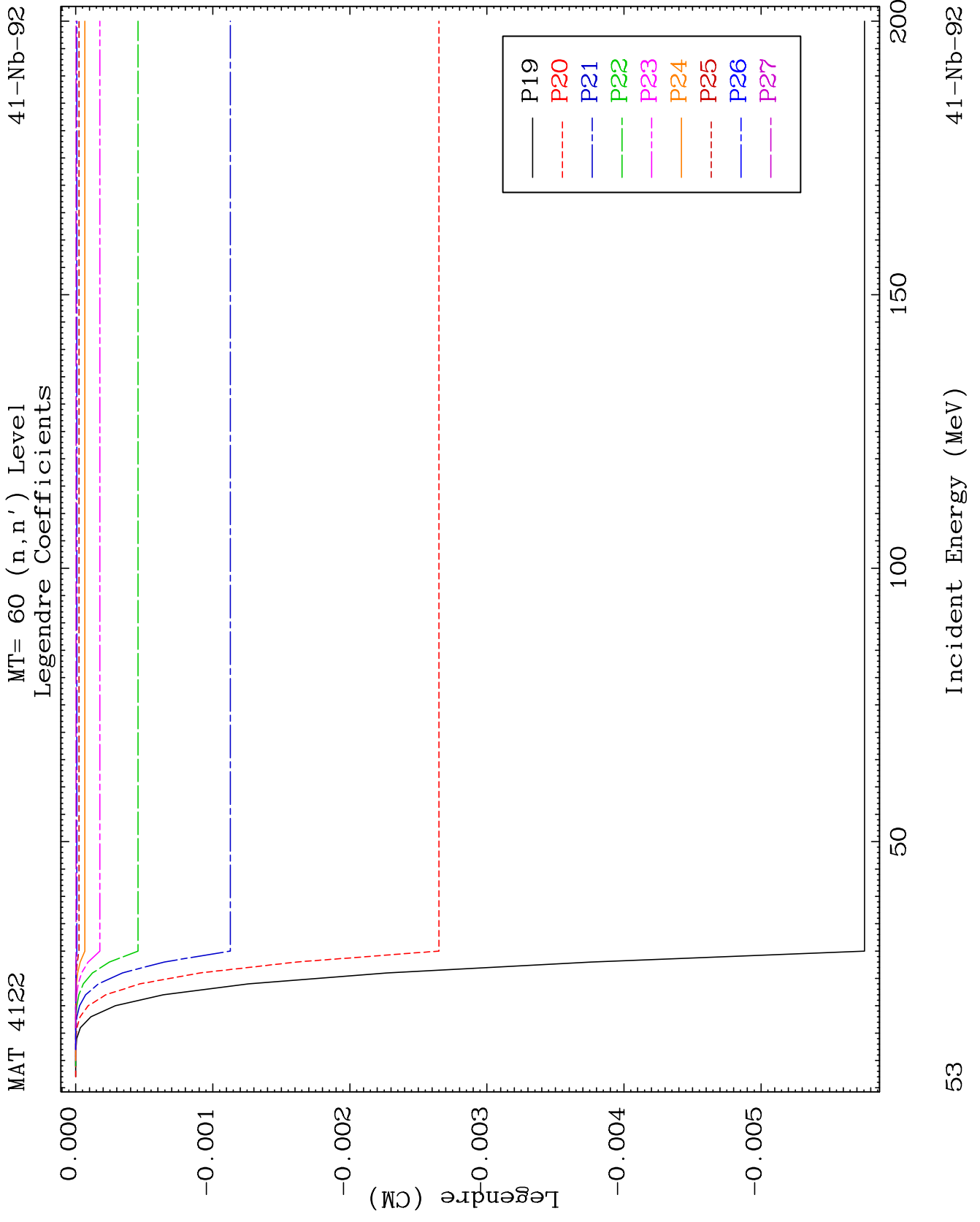
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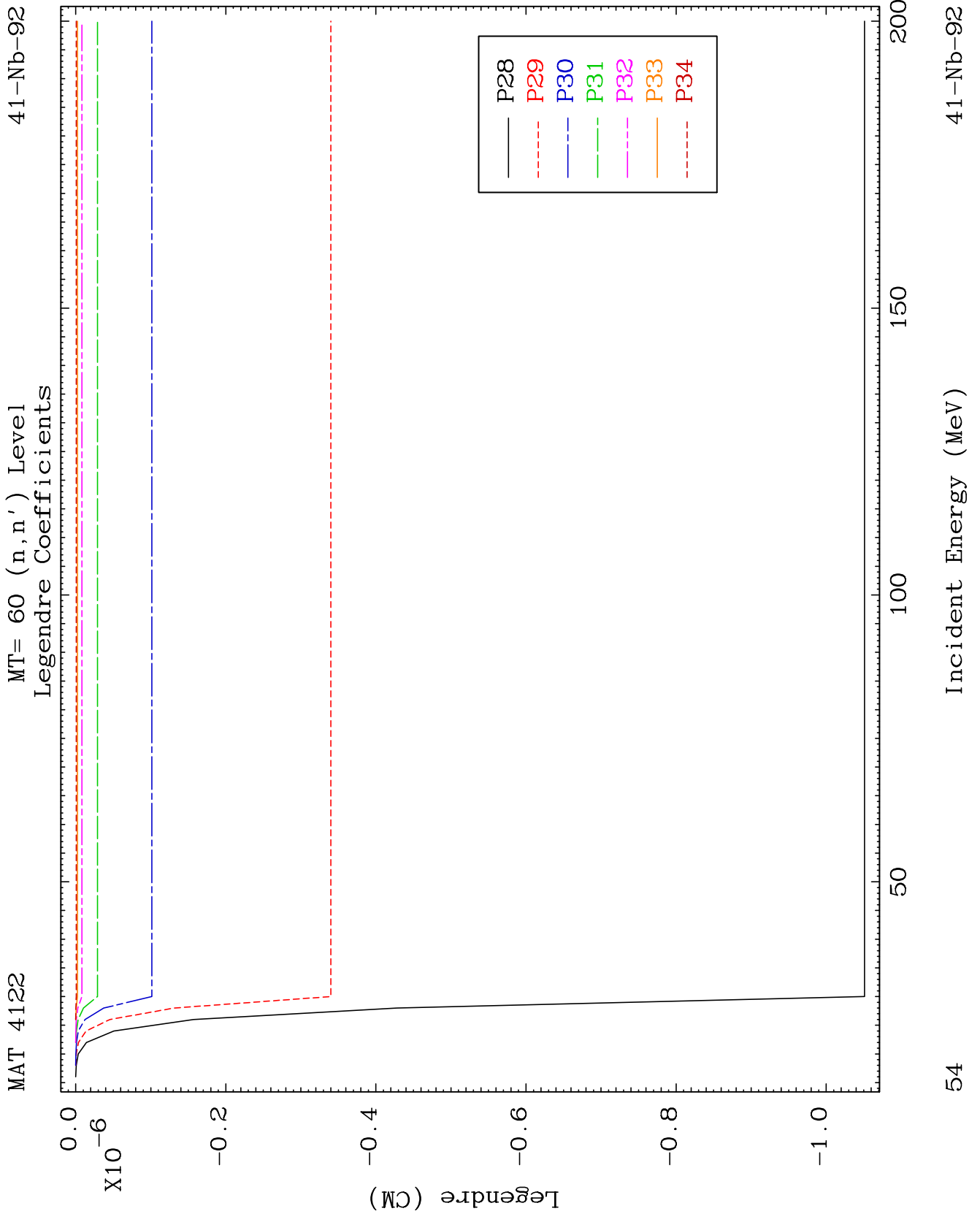


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Incident Energy (MeV)

41-Nb-92

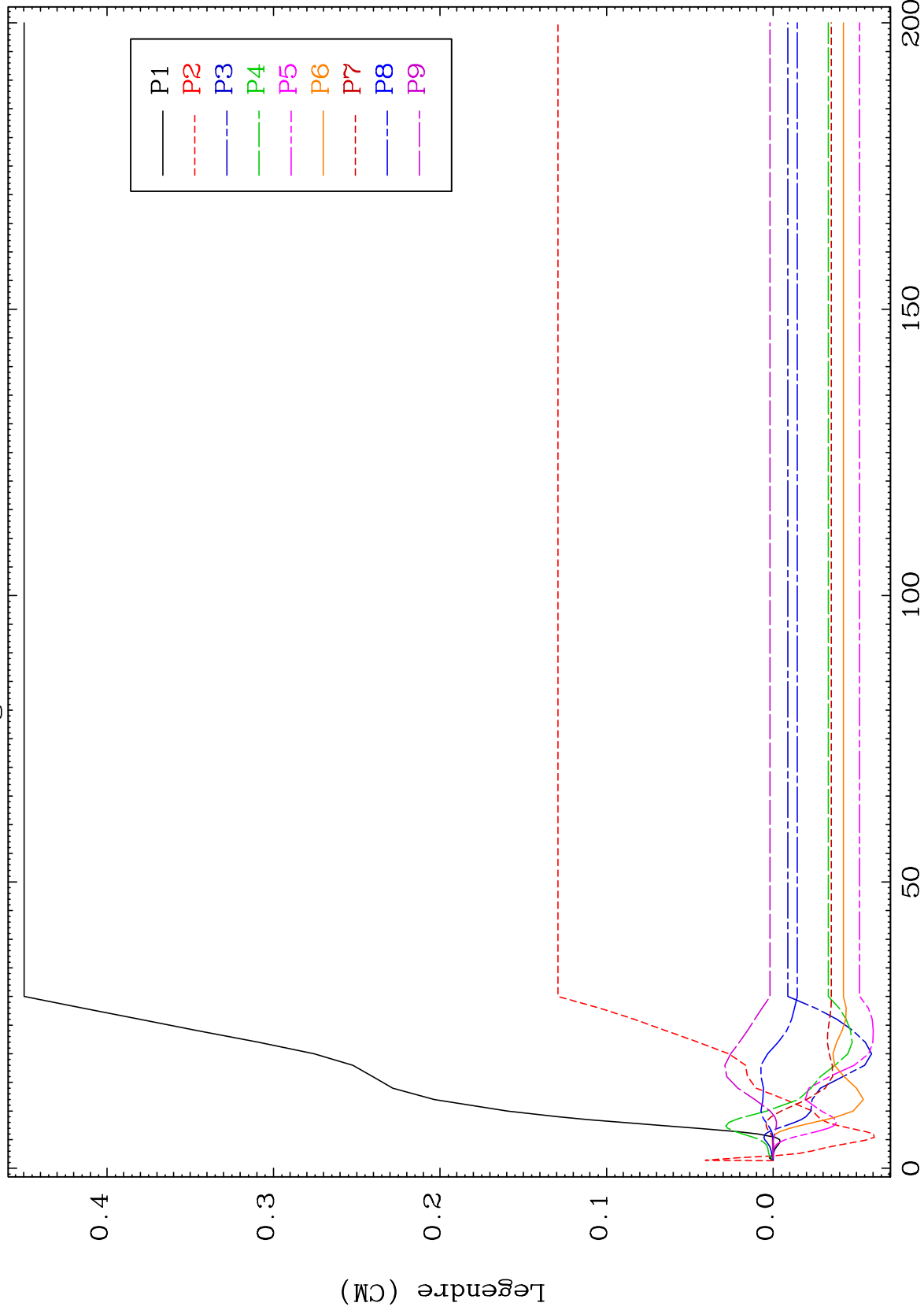




MAT 4122

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

41-Nb-92



41-Nb-92

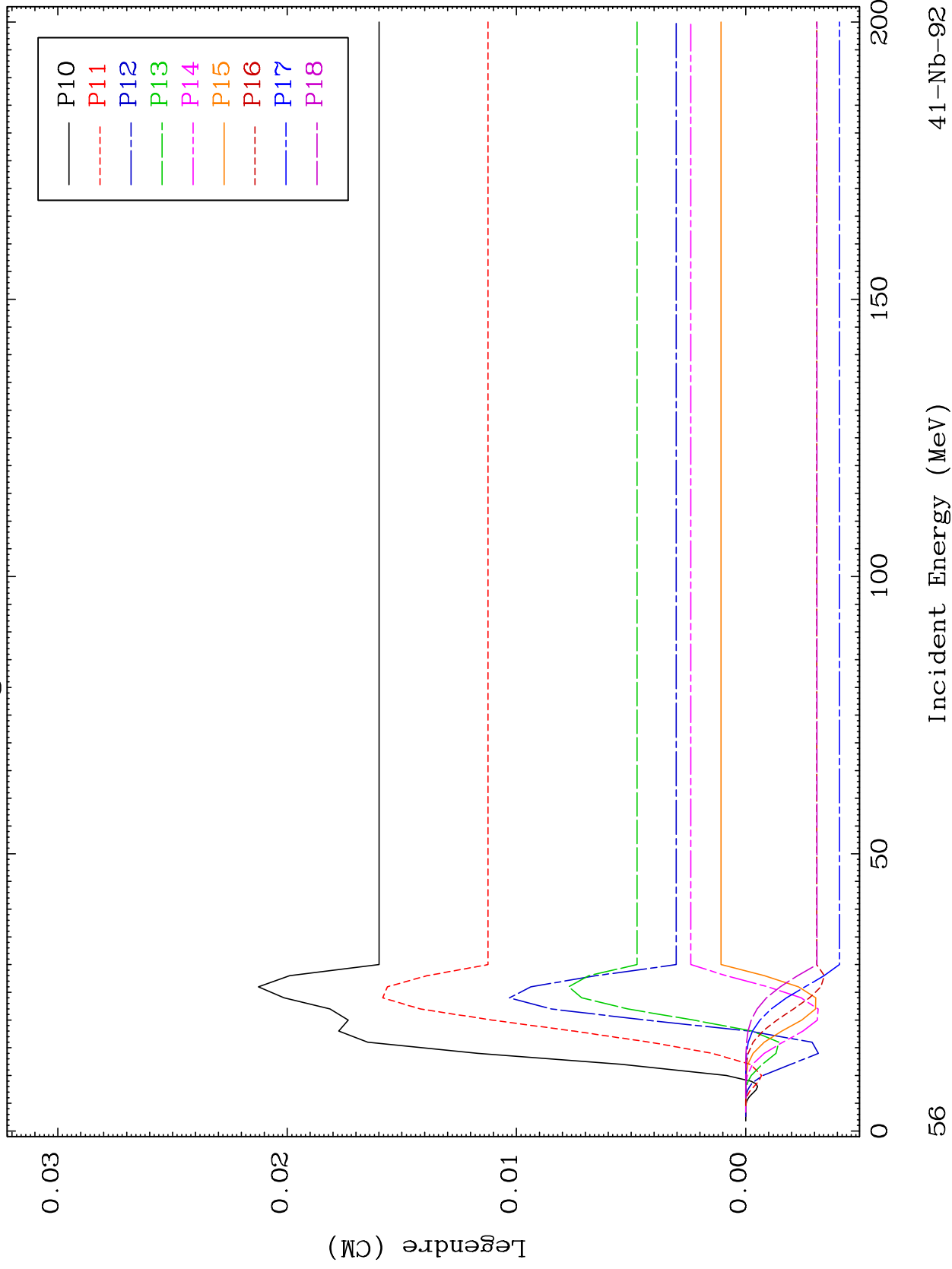
Incident Energy (MeV)

55

MAT 4122

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

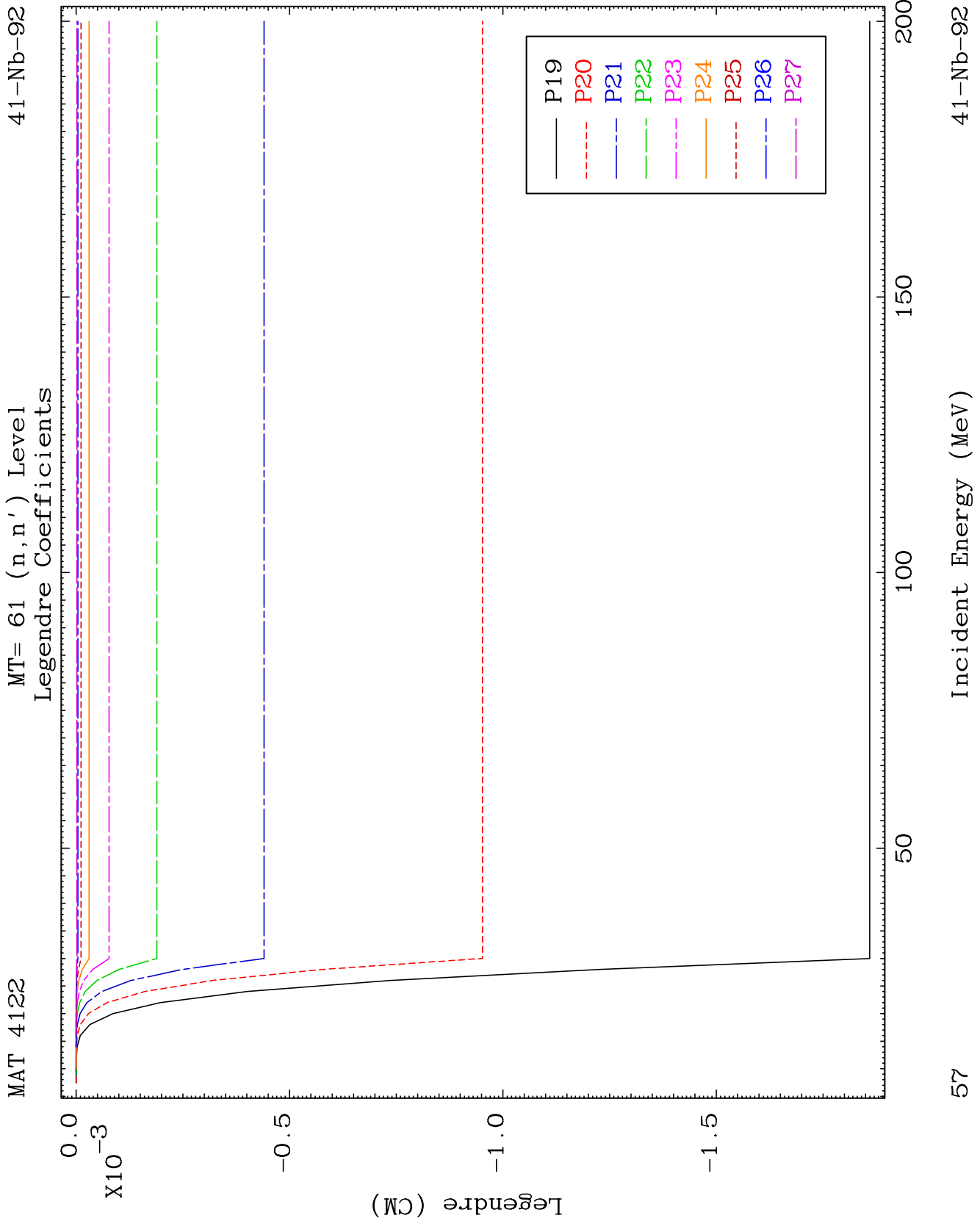
41-Nb-92

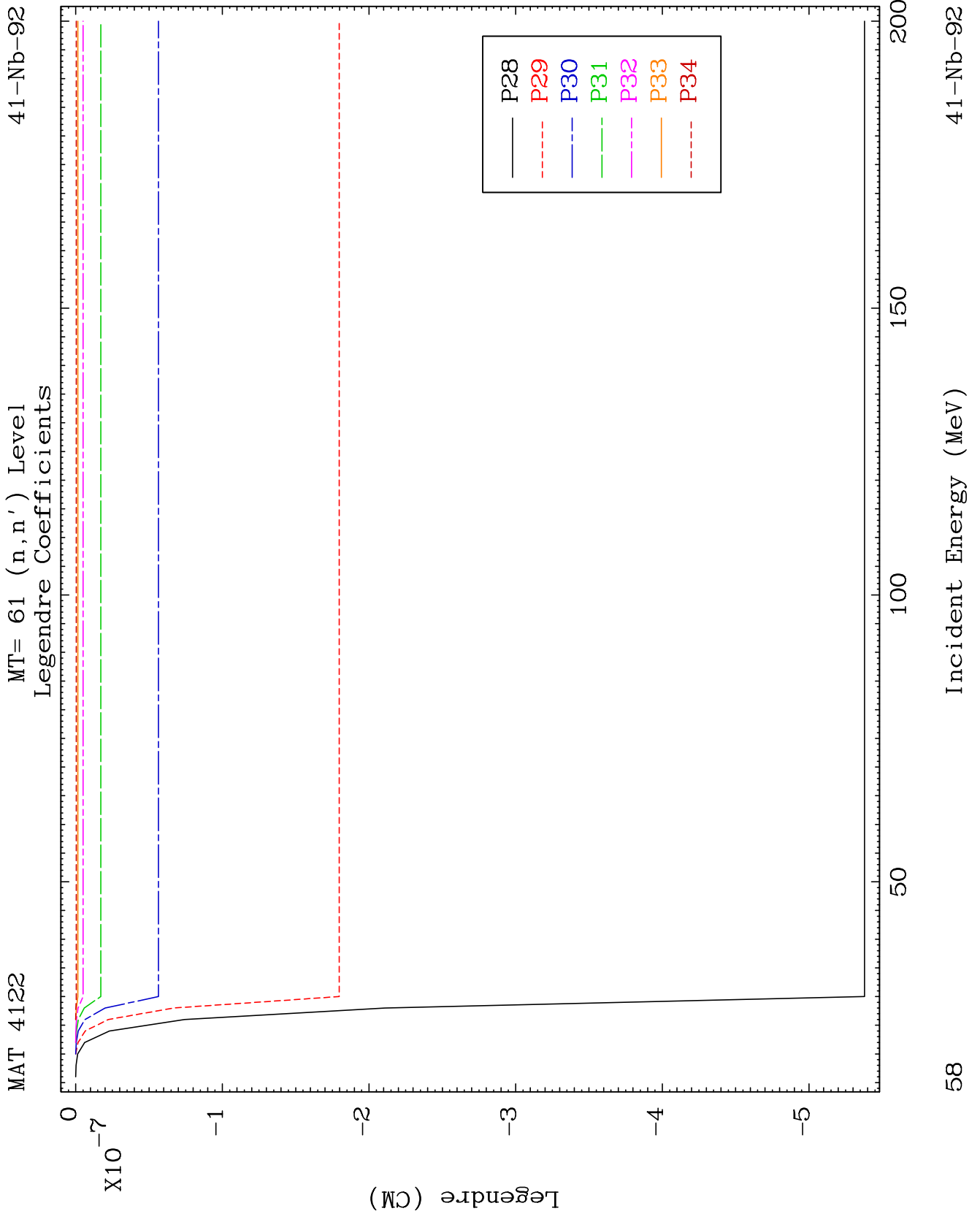


41-Nb-92

Incident Energy (MeV)

56

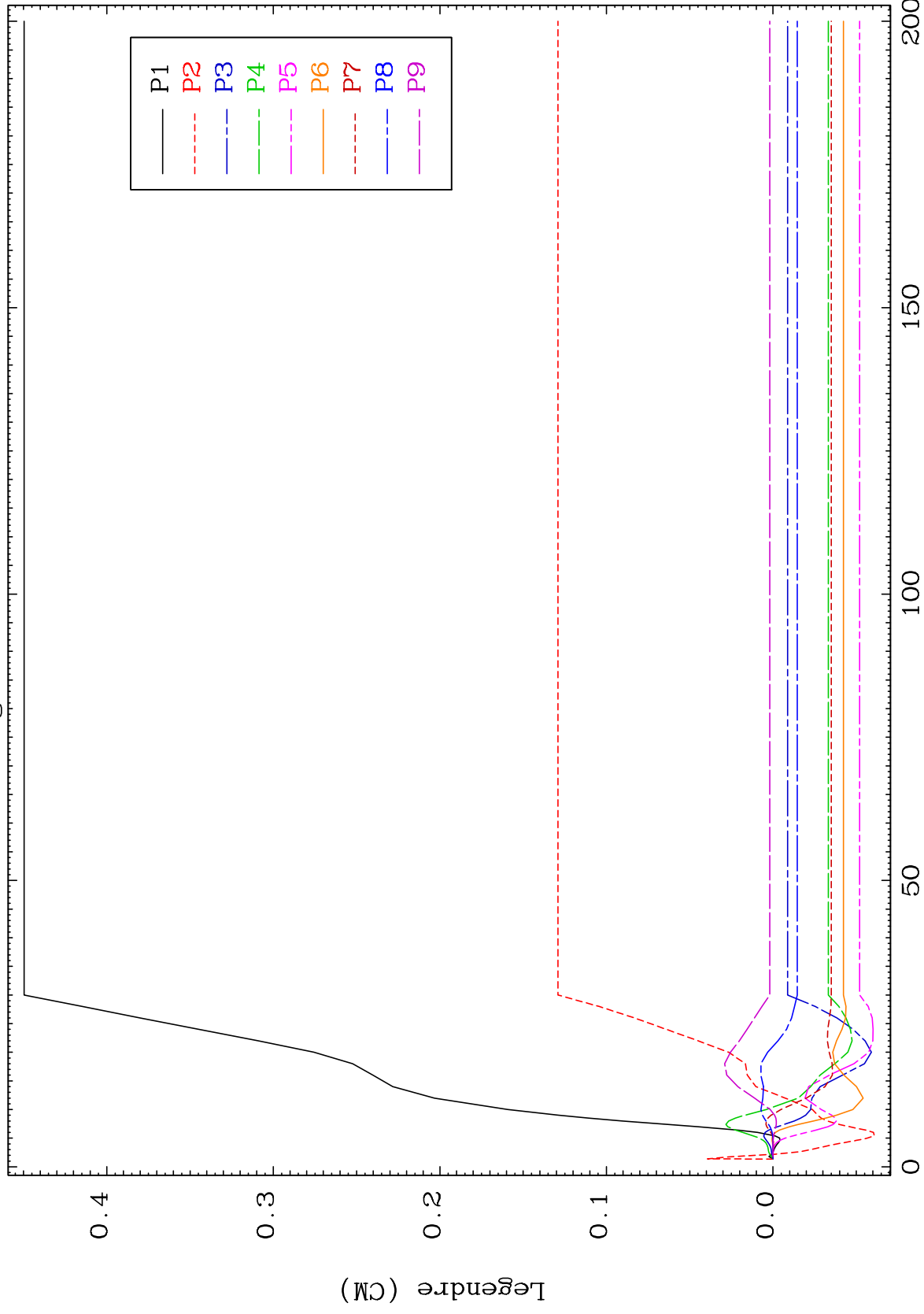




MAT 4122

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

41-Nb-92



59

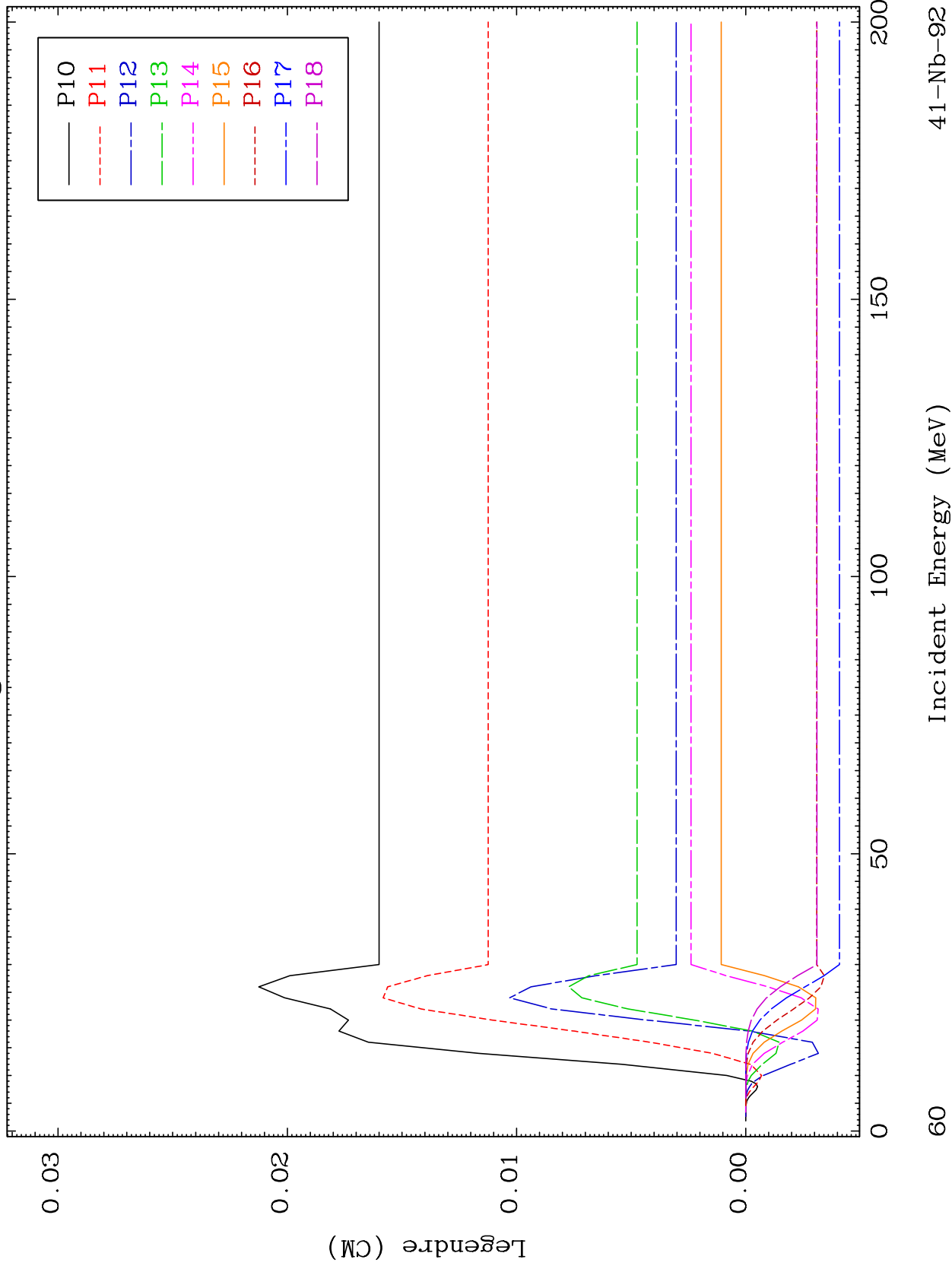
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

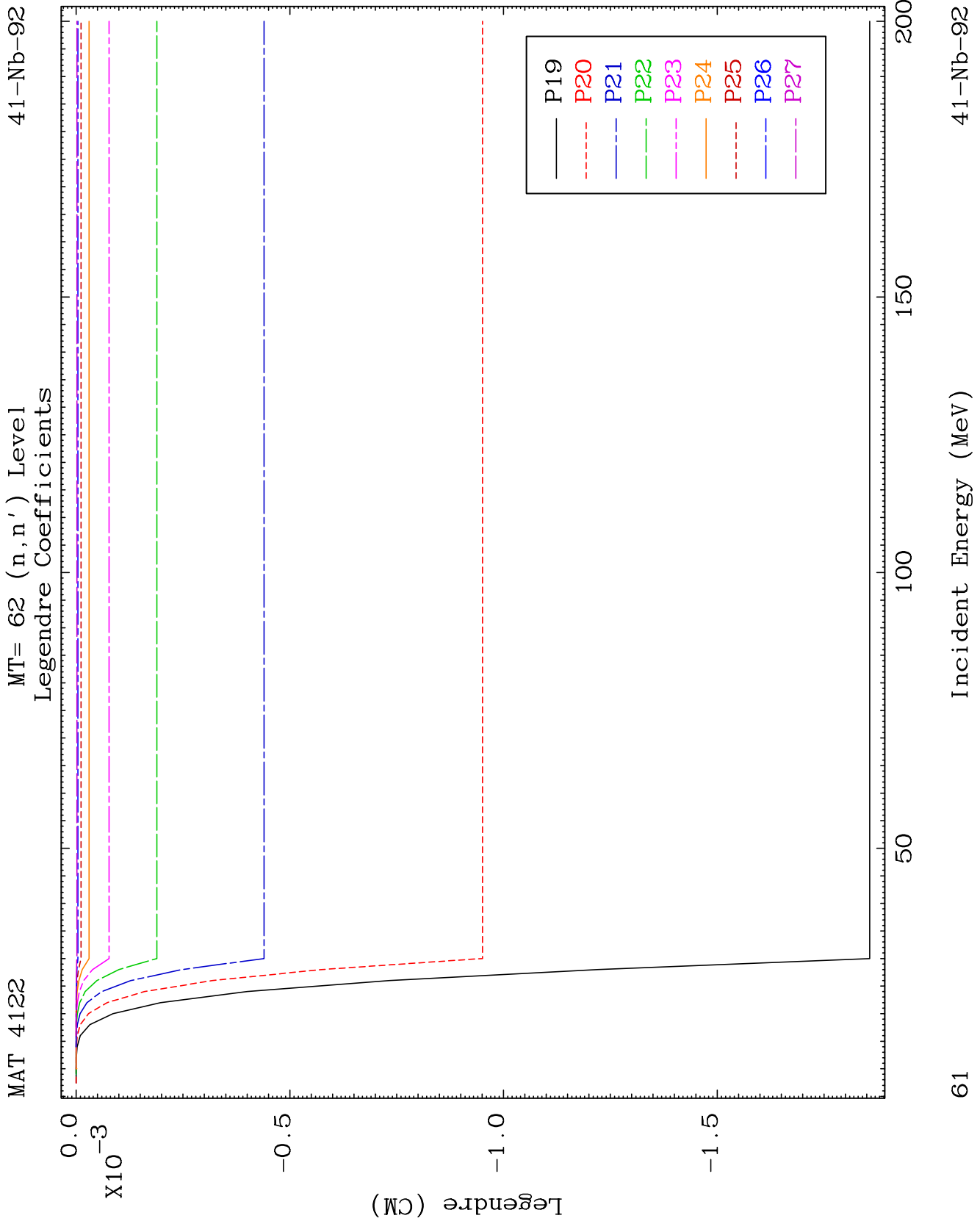
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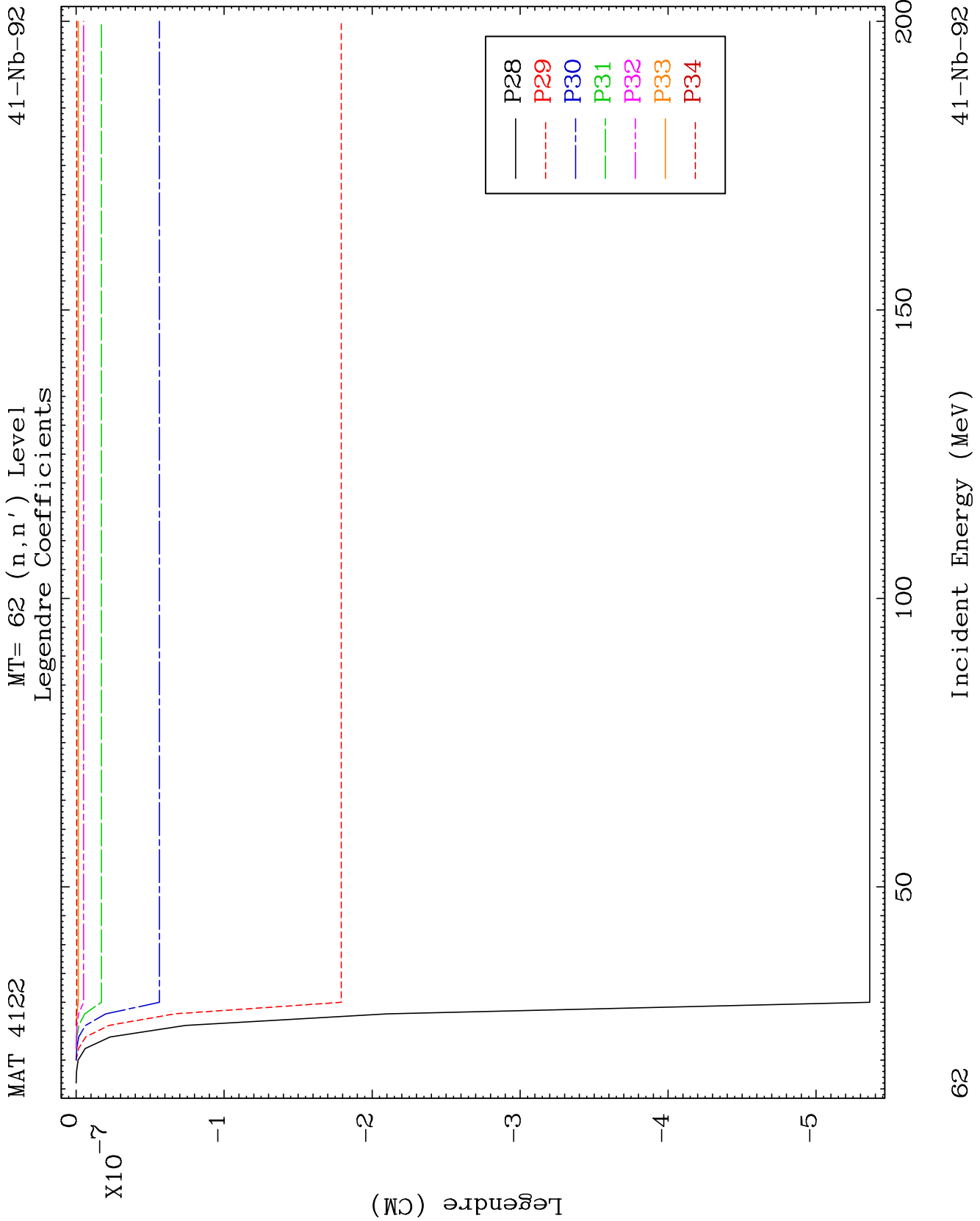


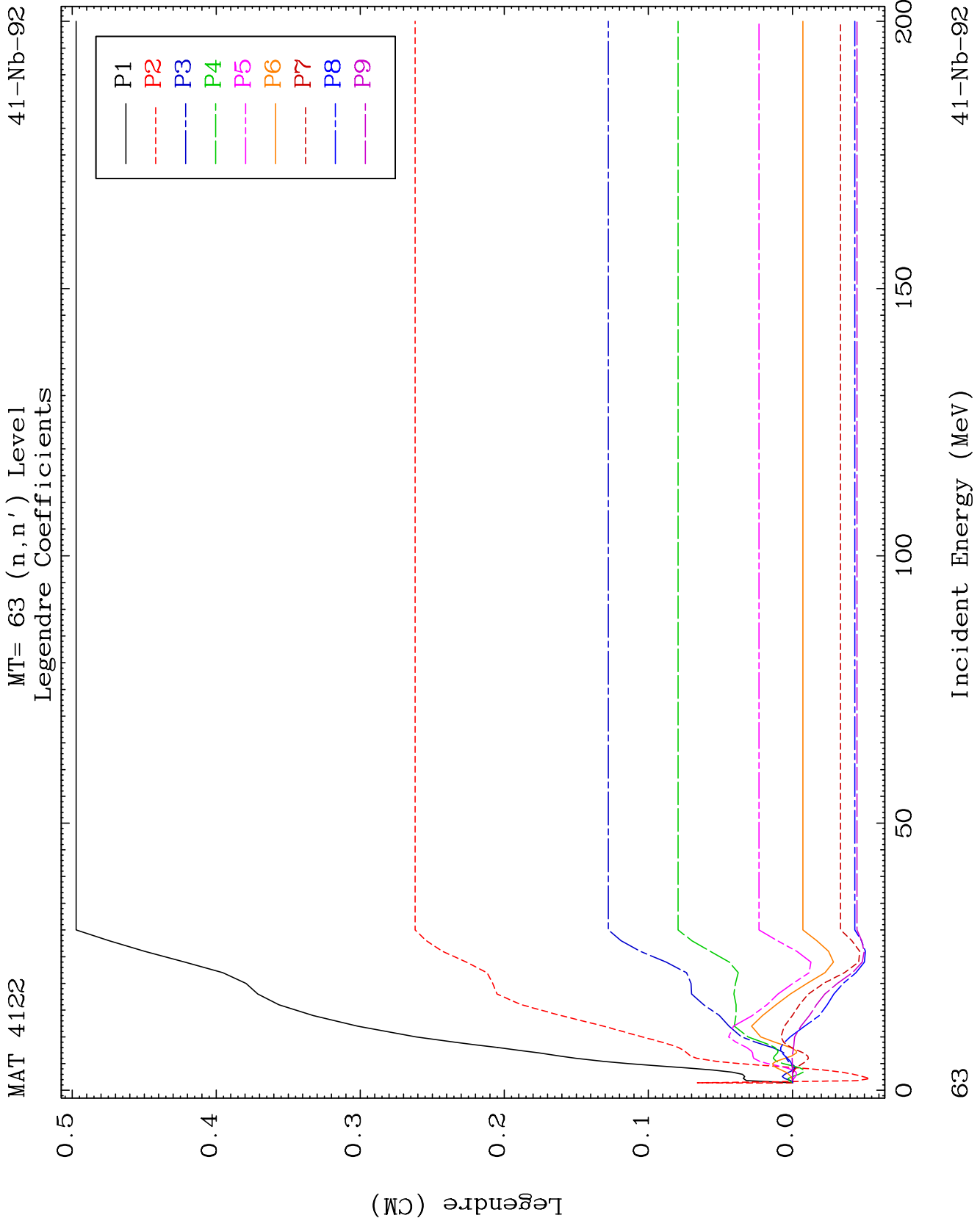
41-Nb-92

Incident Energy (MeV)

60



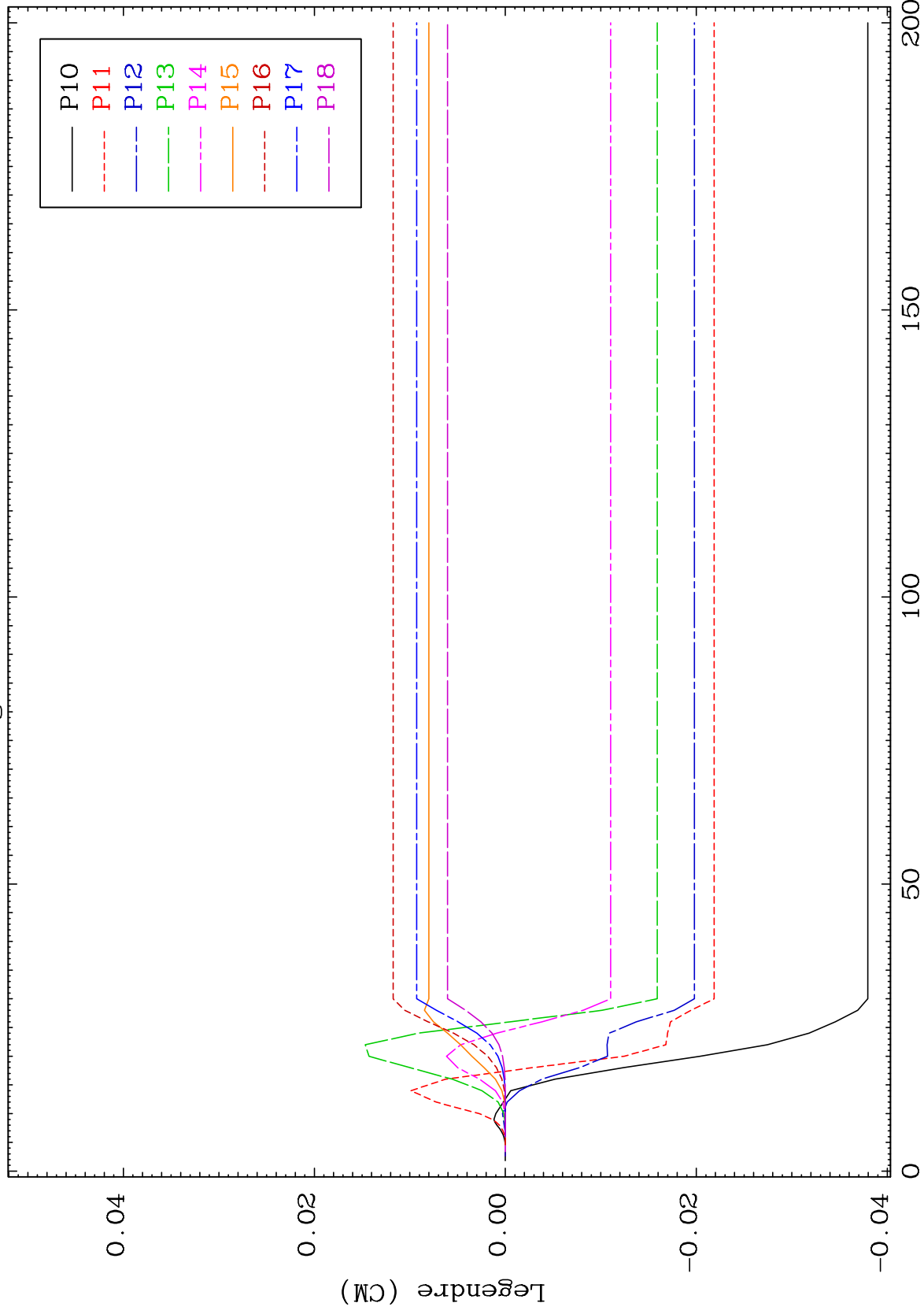




MAT 4122

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

41-Nb-92



64

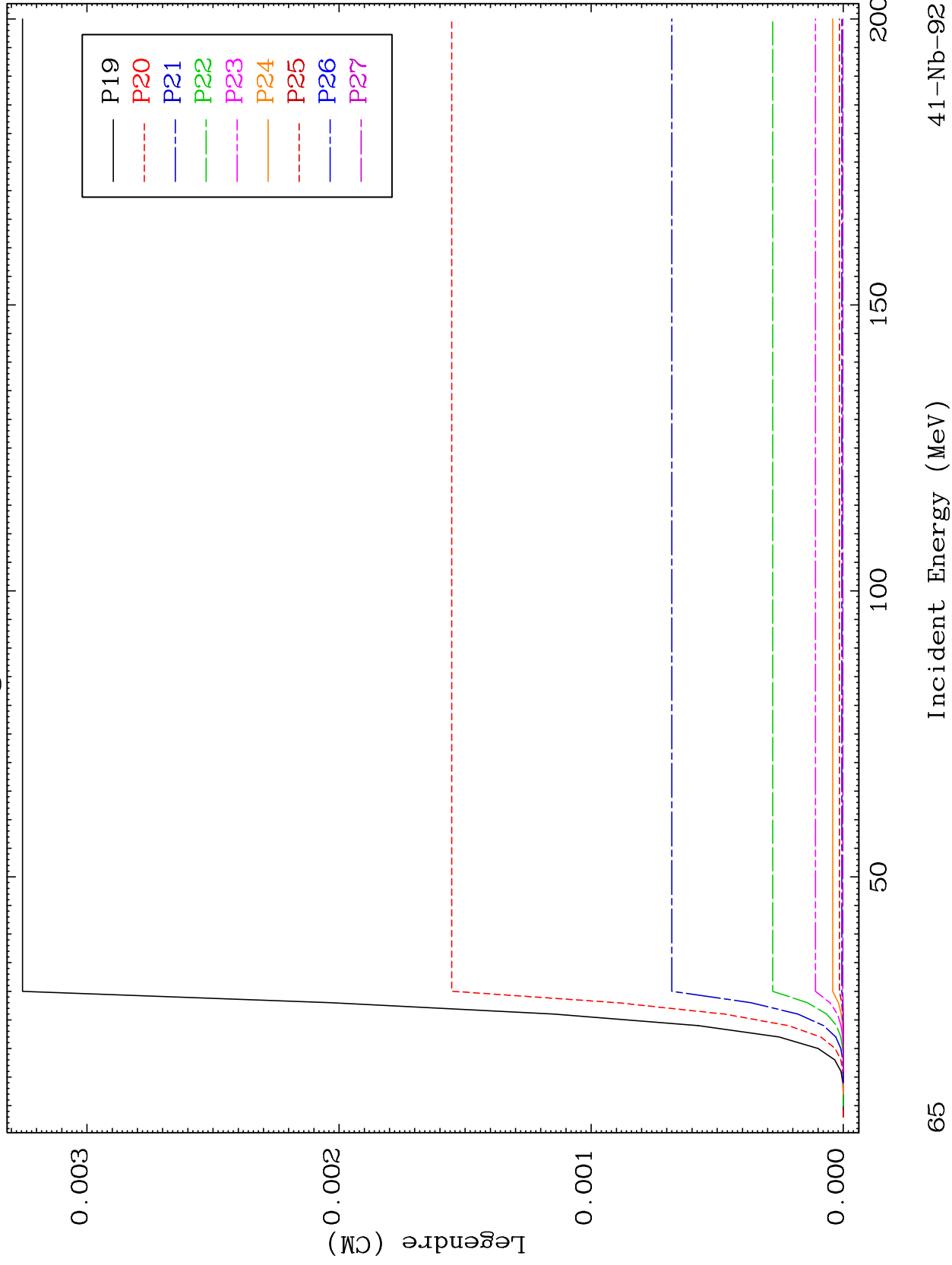
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92

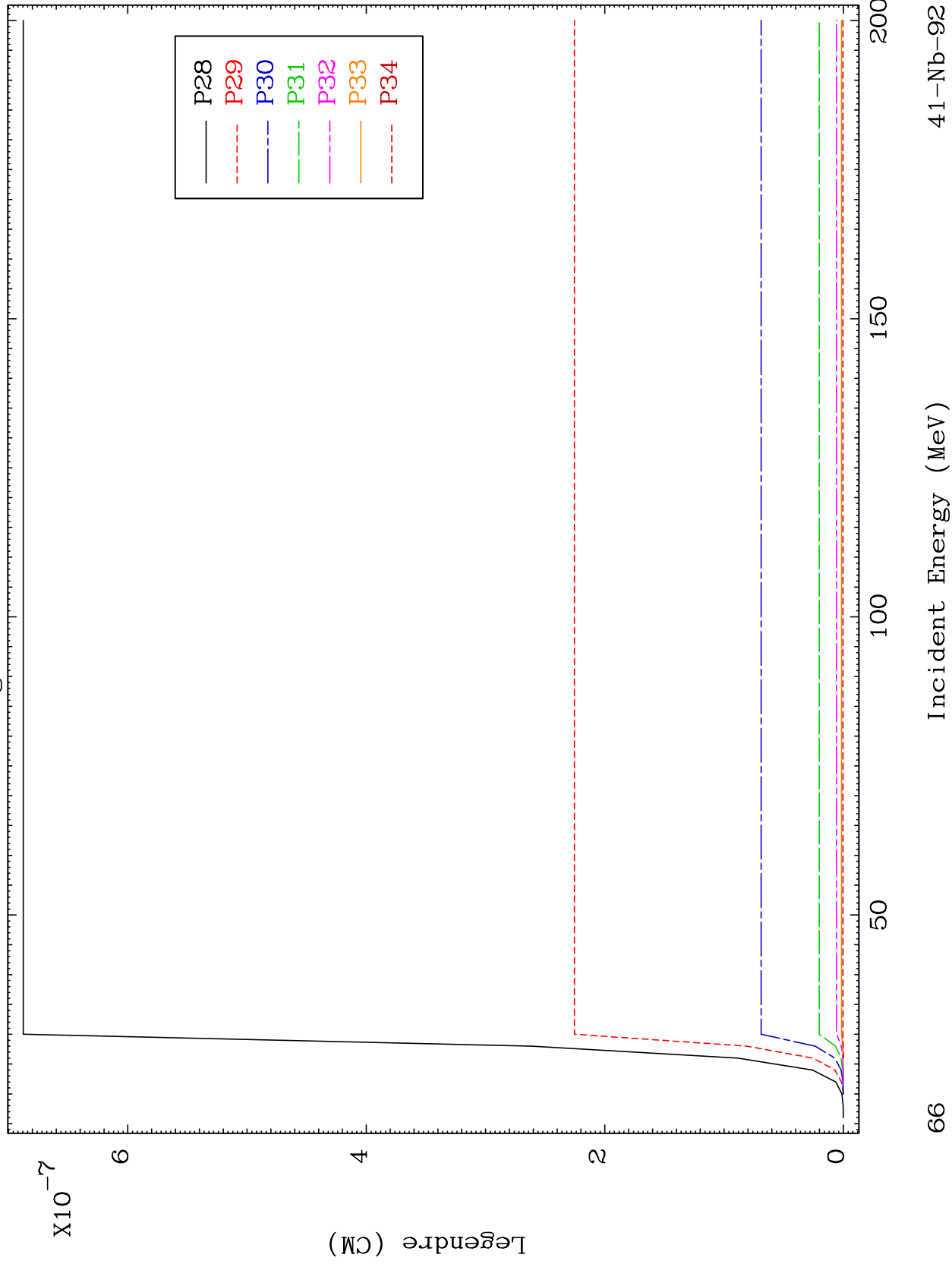


65

MAT 4122

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

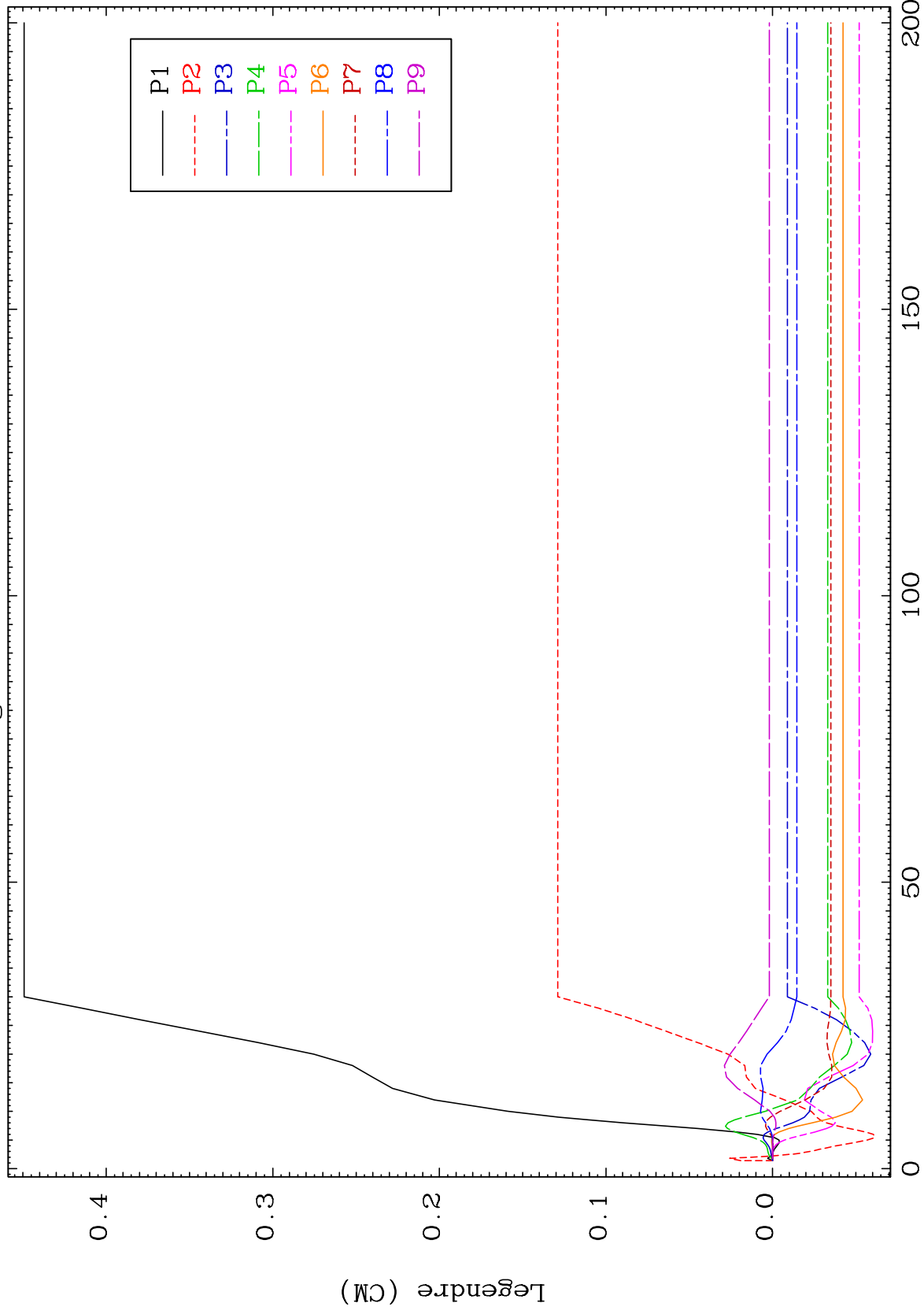
41-Nb-92



MAT 4122

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

41-Nb-92



67

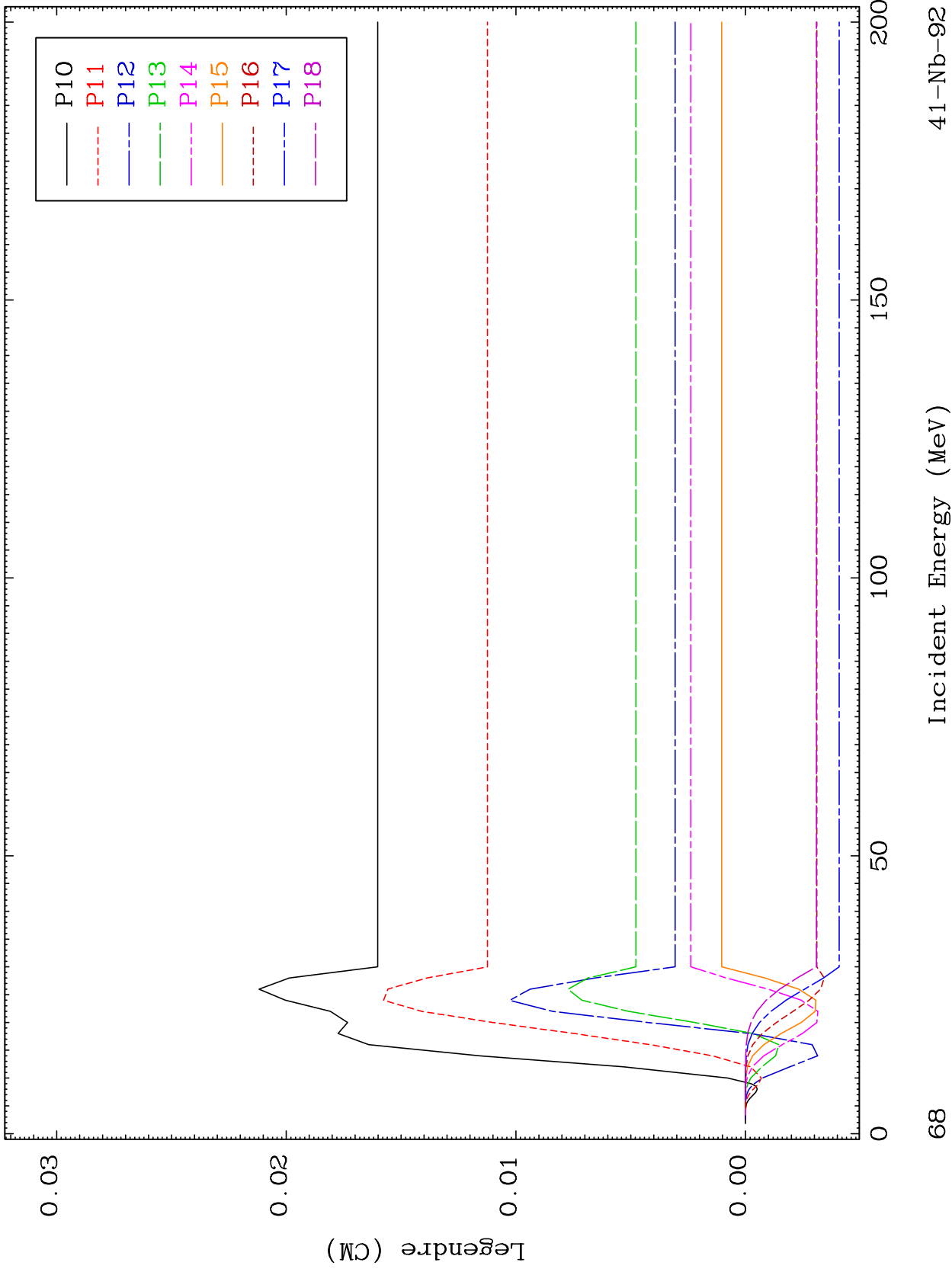
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

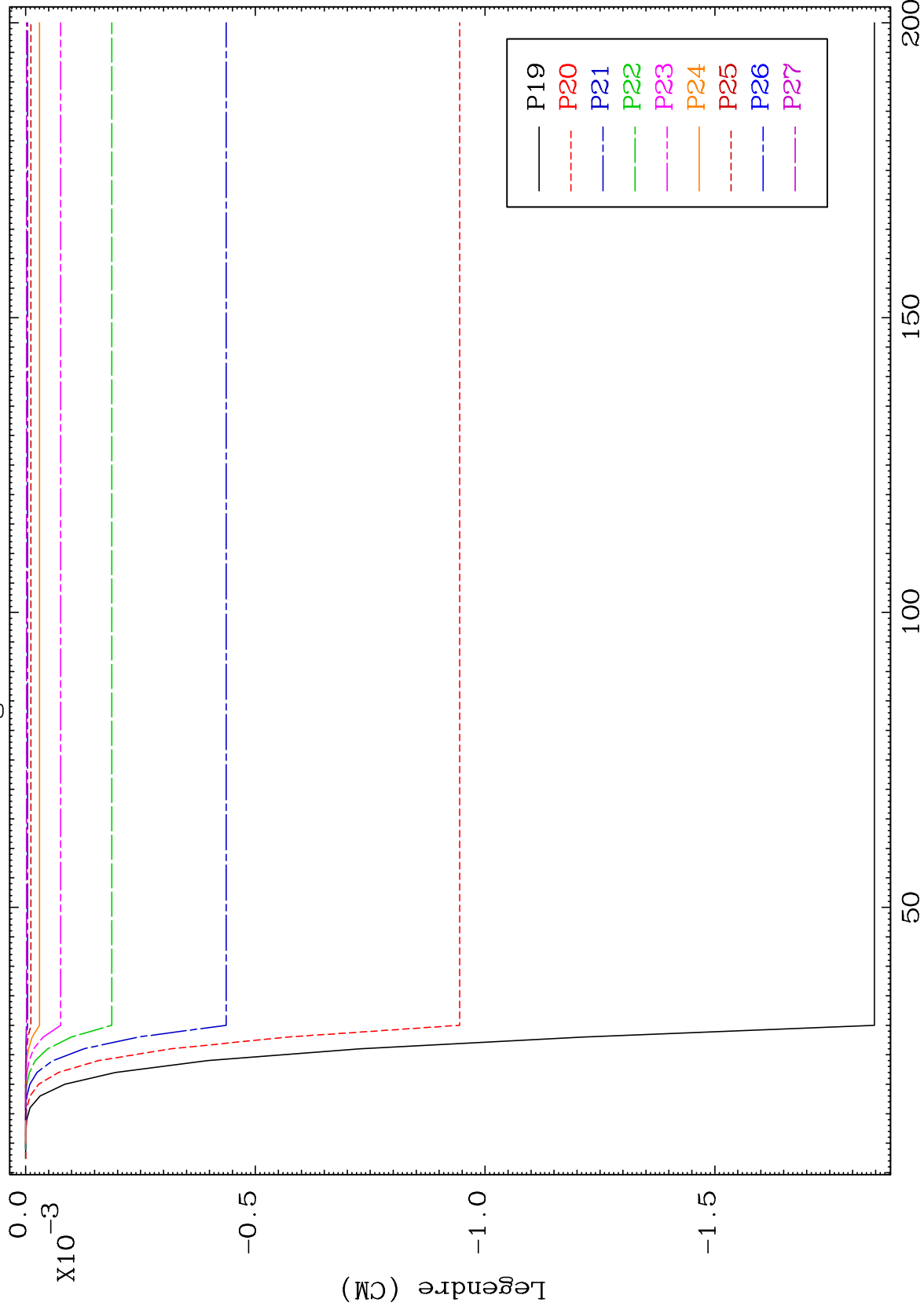
41-Nb-92



MAT 4122

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

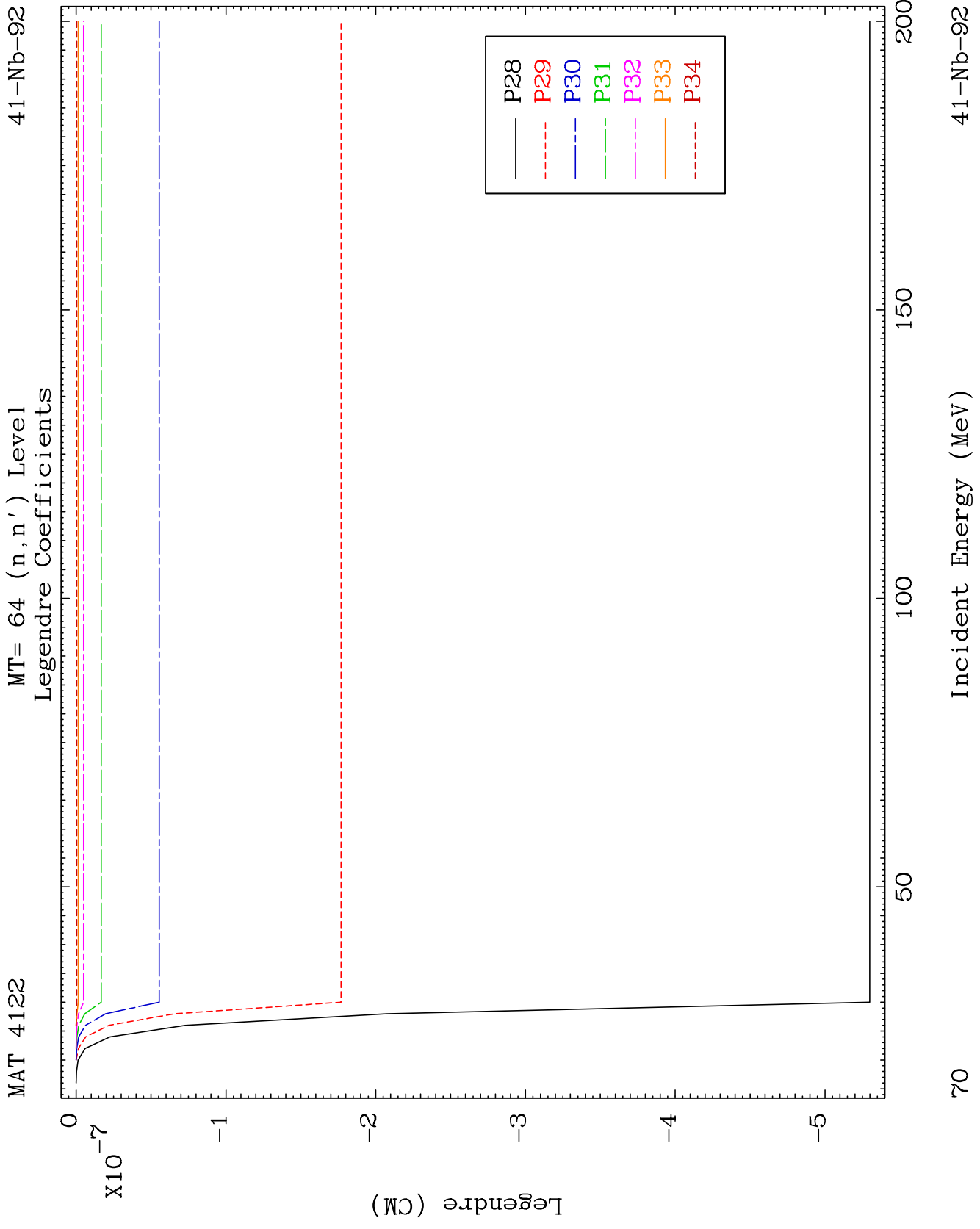
41-Nb-92

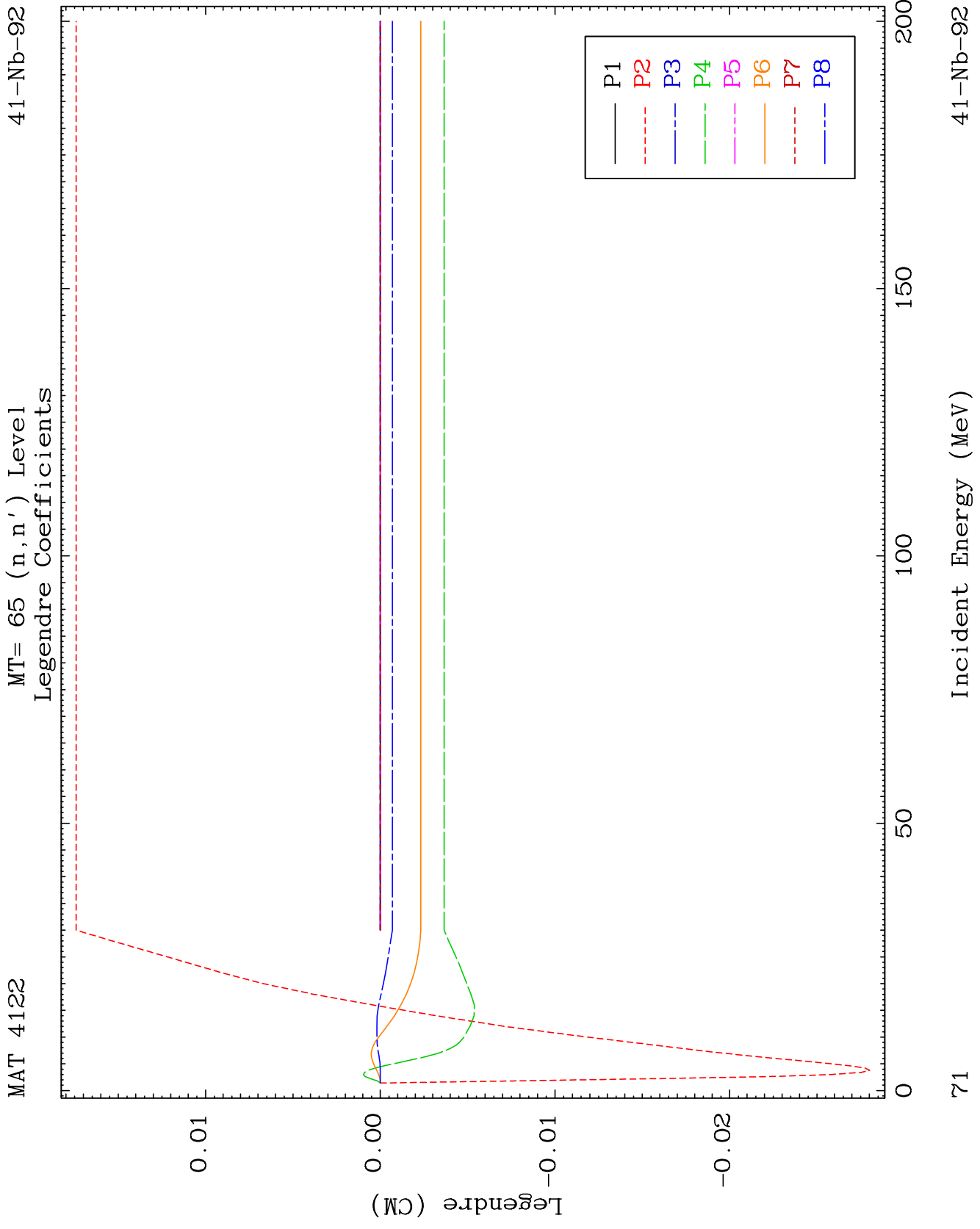


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Incident Energy (MeV)

41-Nb-92

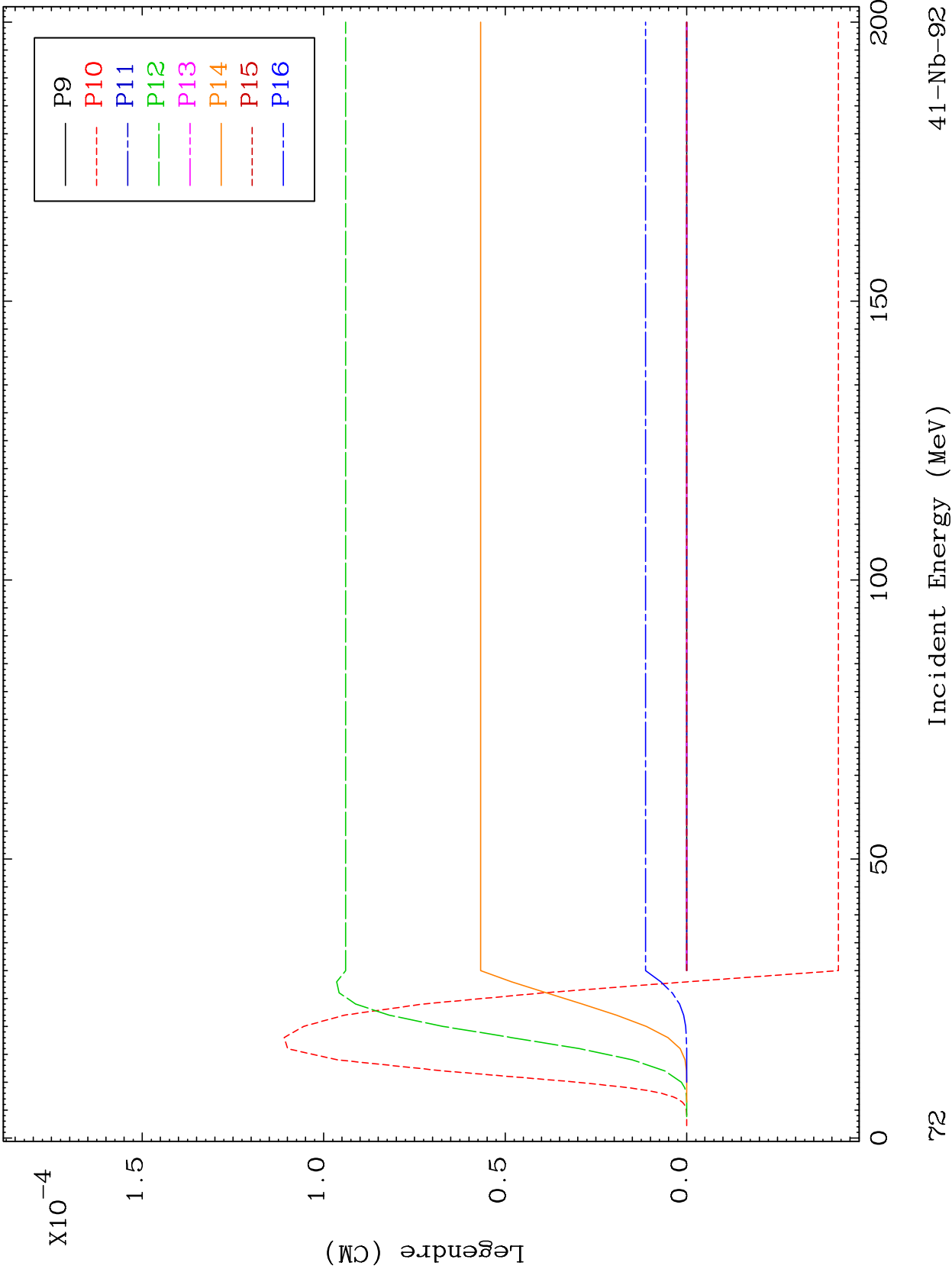




MAT 4122

MT= 65 (n,n') Level
Legendre Coefficients

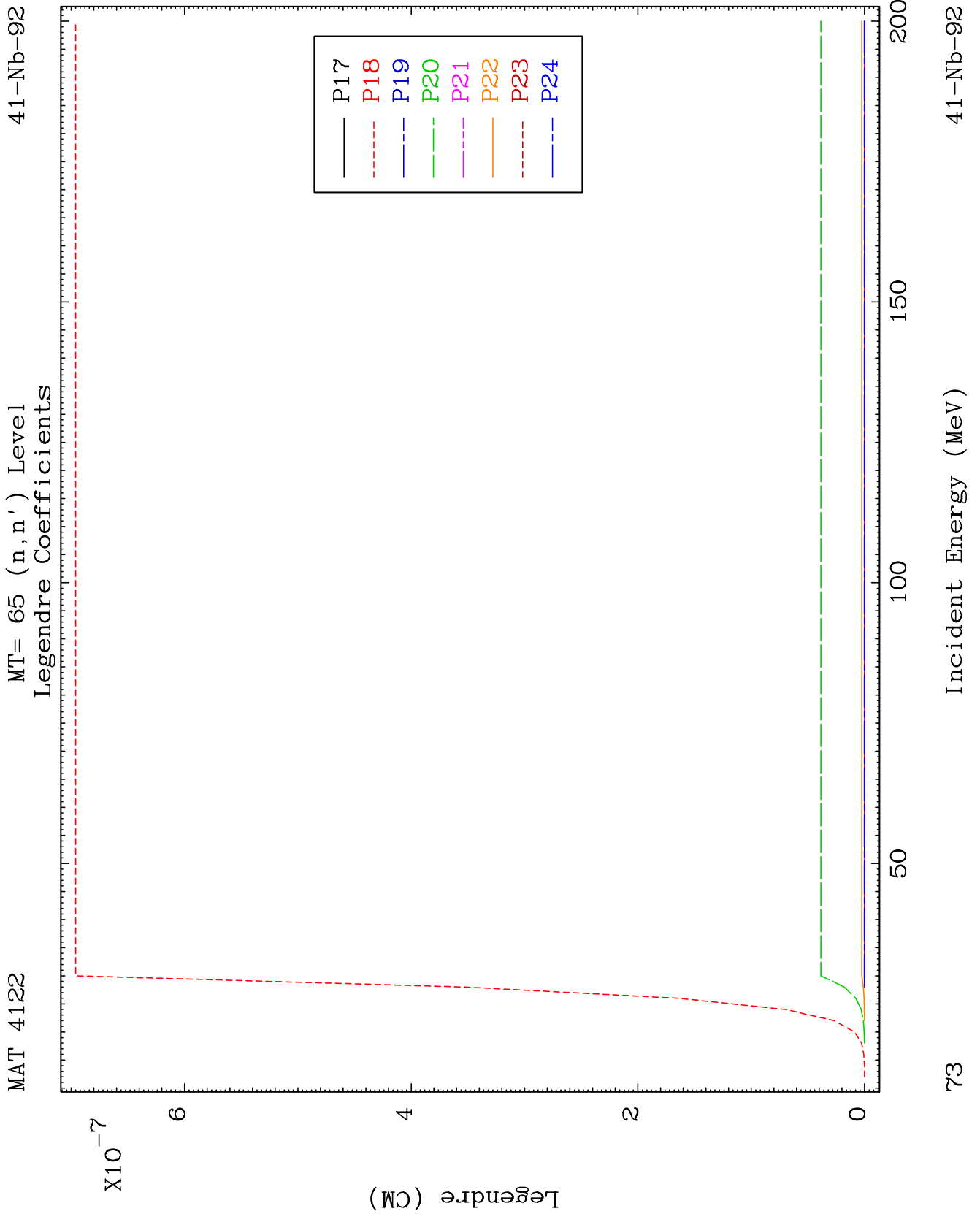
41-Nb-92



72

Incident Energy (MeV)

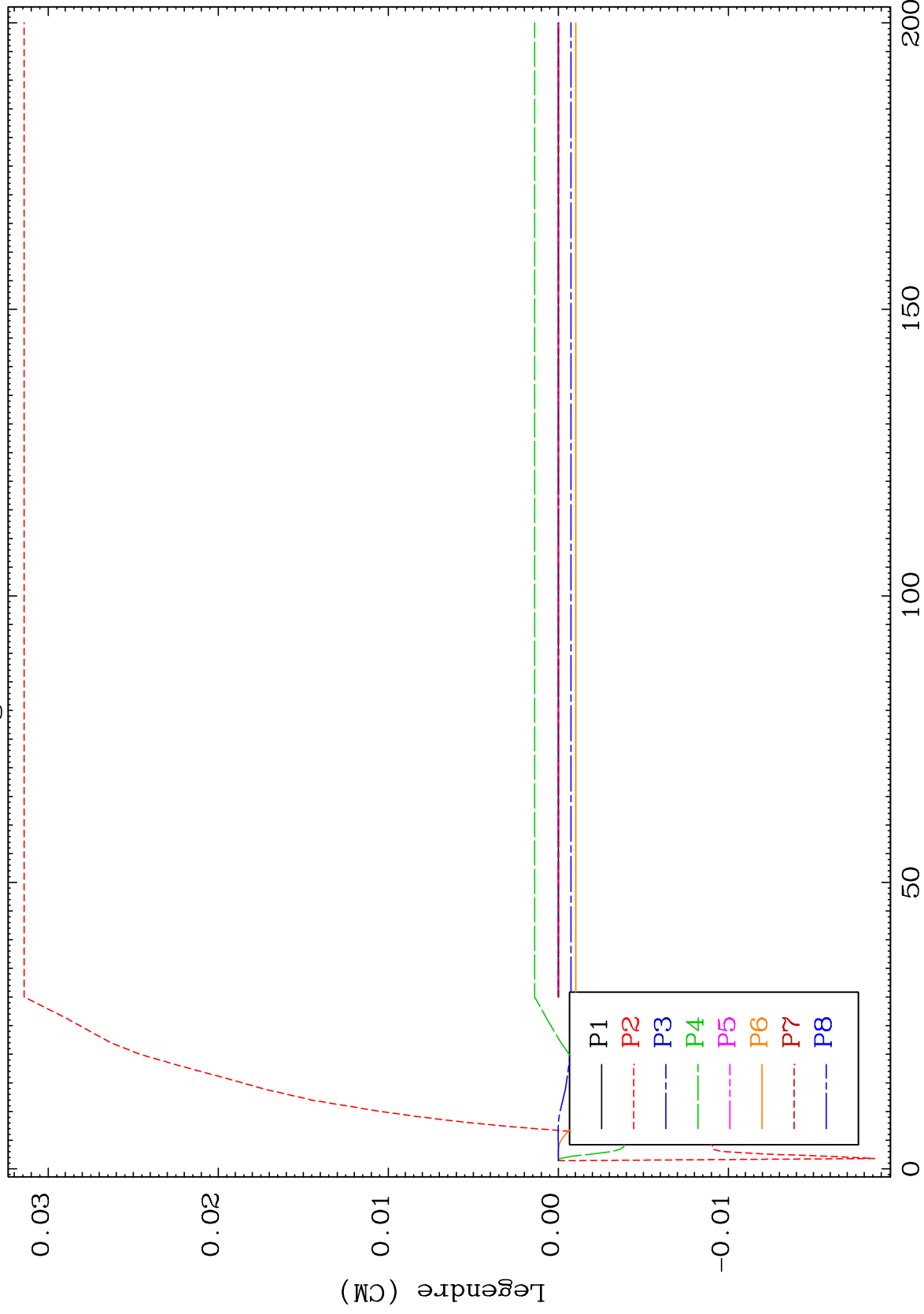
41-Nb-92



MAT 4122

MT= 66 (n,n') Level
Legendre Coefficients

41-Nb-92



74

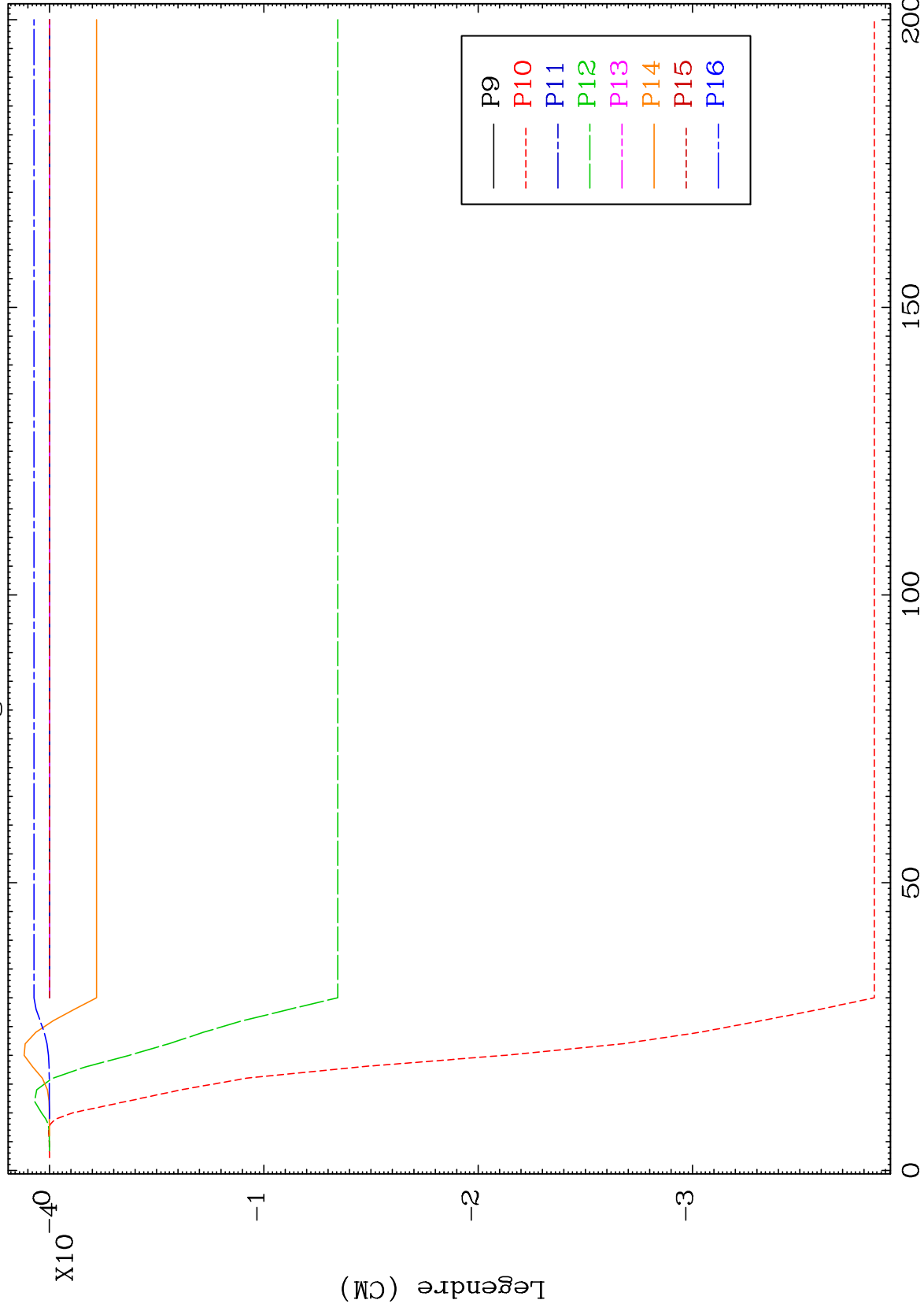
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 66 (n,n') Level
Legendre Coefficients

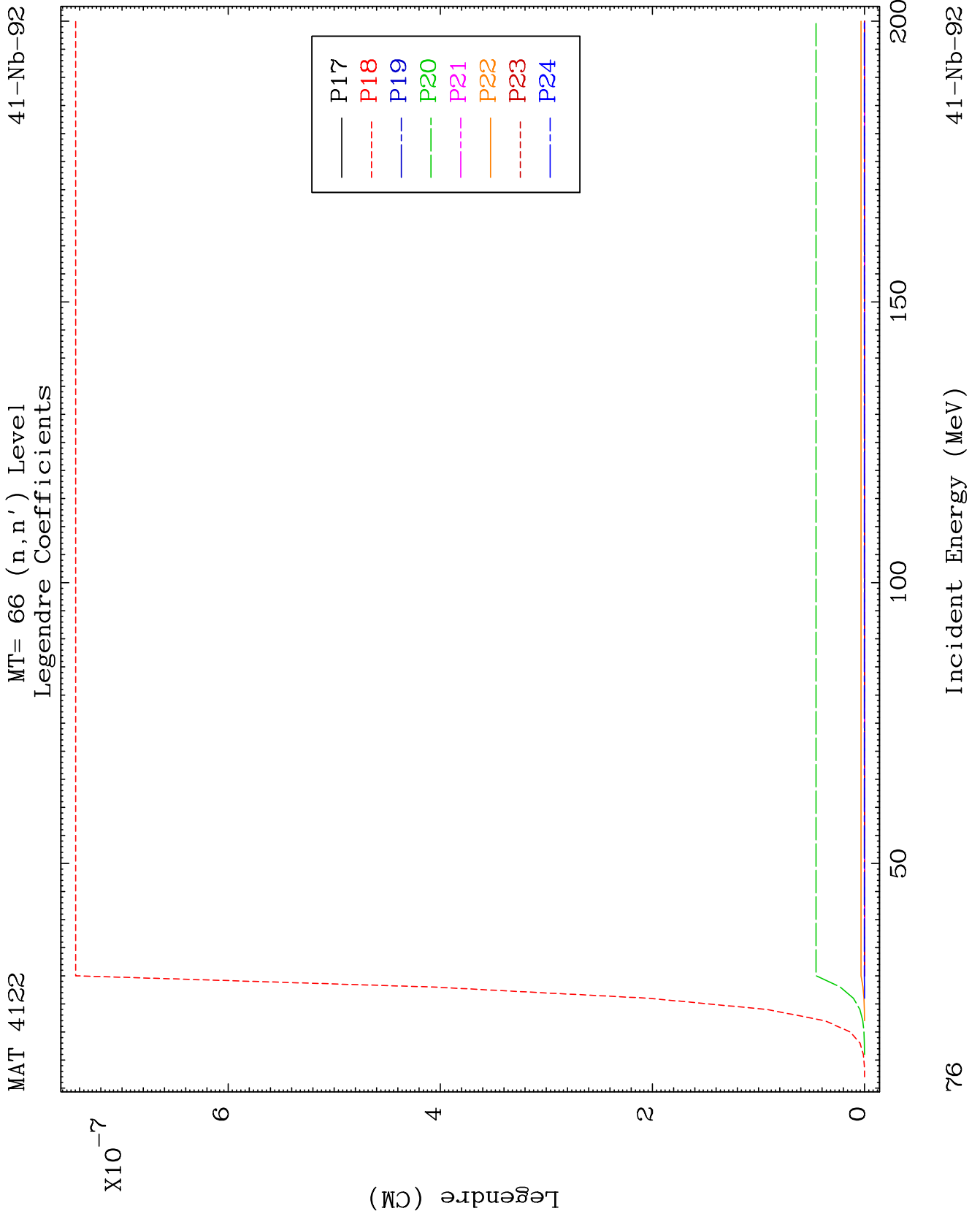
41-Nb-92



75

Incident Energy (MeV)

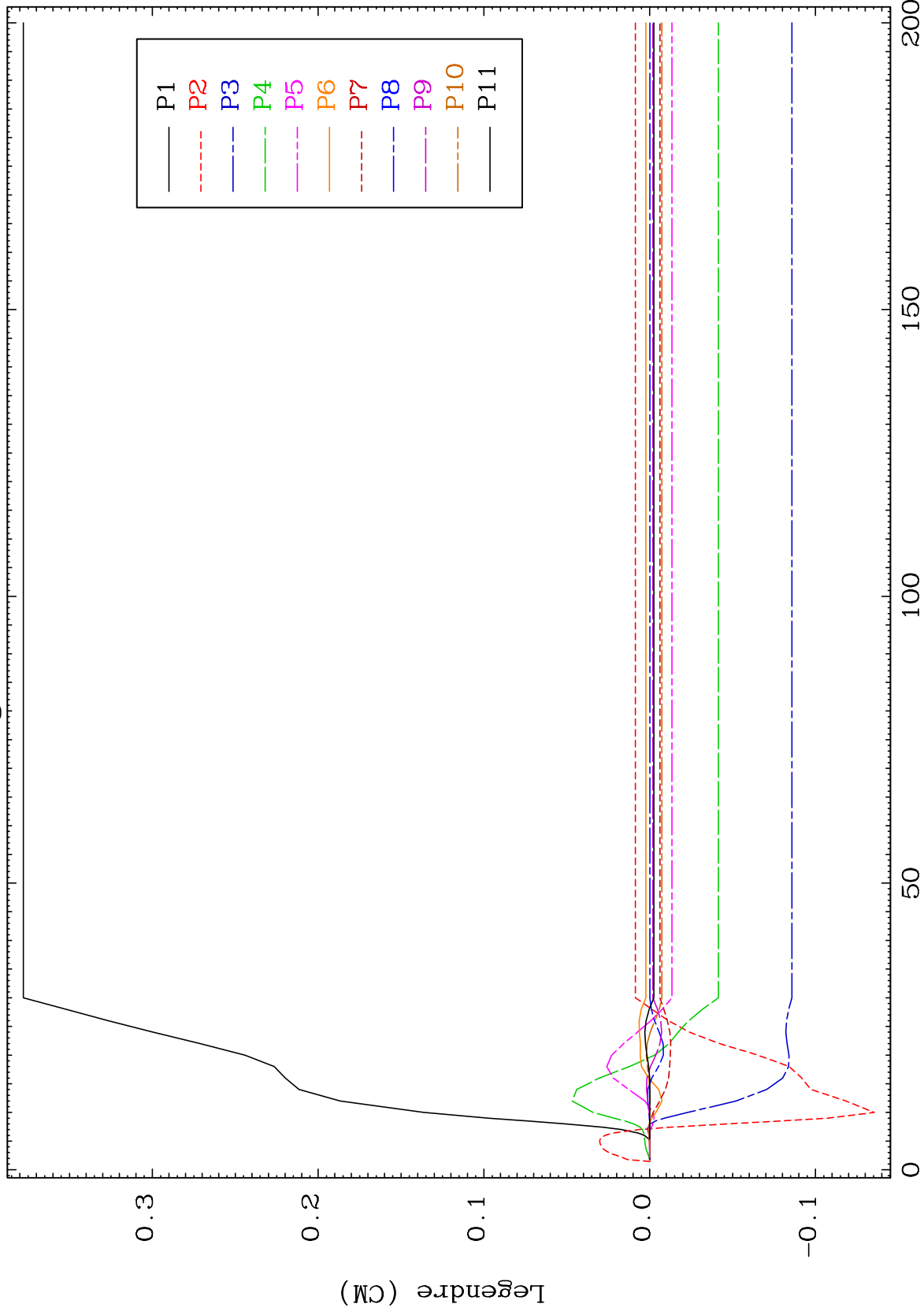
41-Nb-92



MAT 4122

MT= 67 (n,n') Level
Legendre Coefficients

41-Nb-92



77

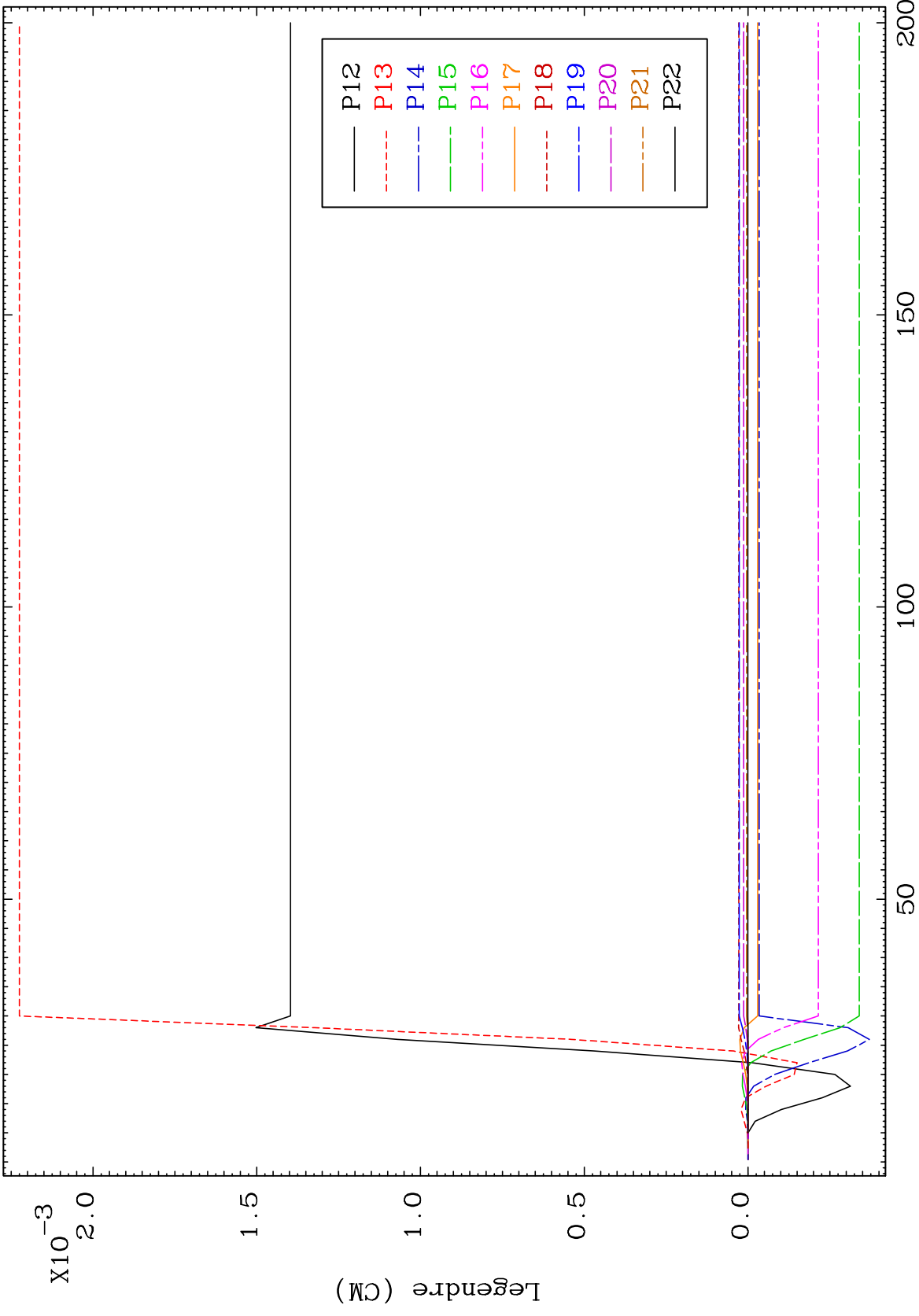
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 67 (n,n') Level
Legendre Coefficients

41-Nb-92



78

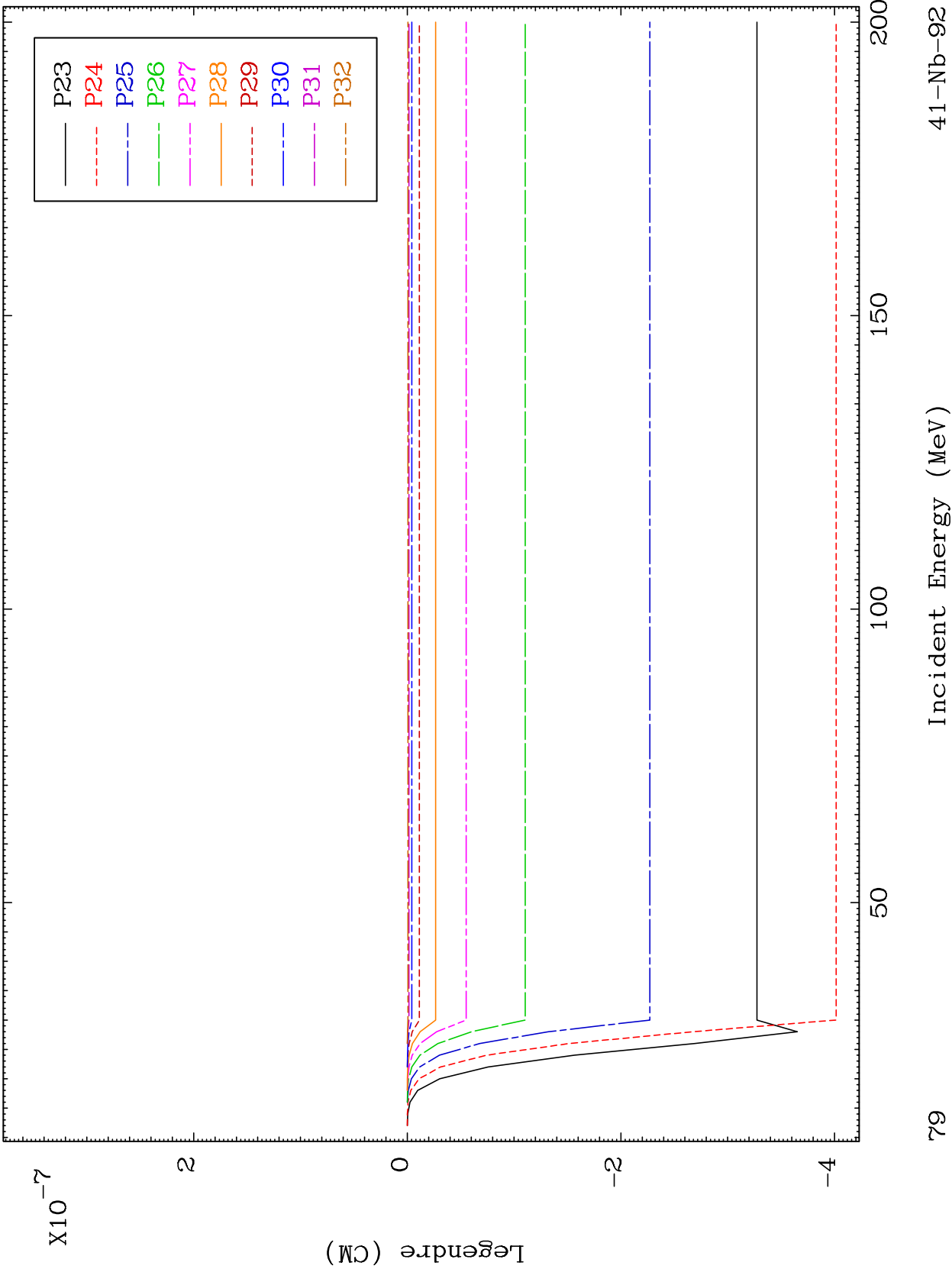
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 67 (n,n') Level
Legendre Coefficients

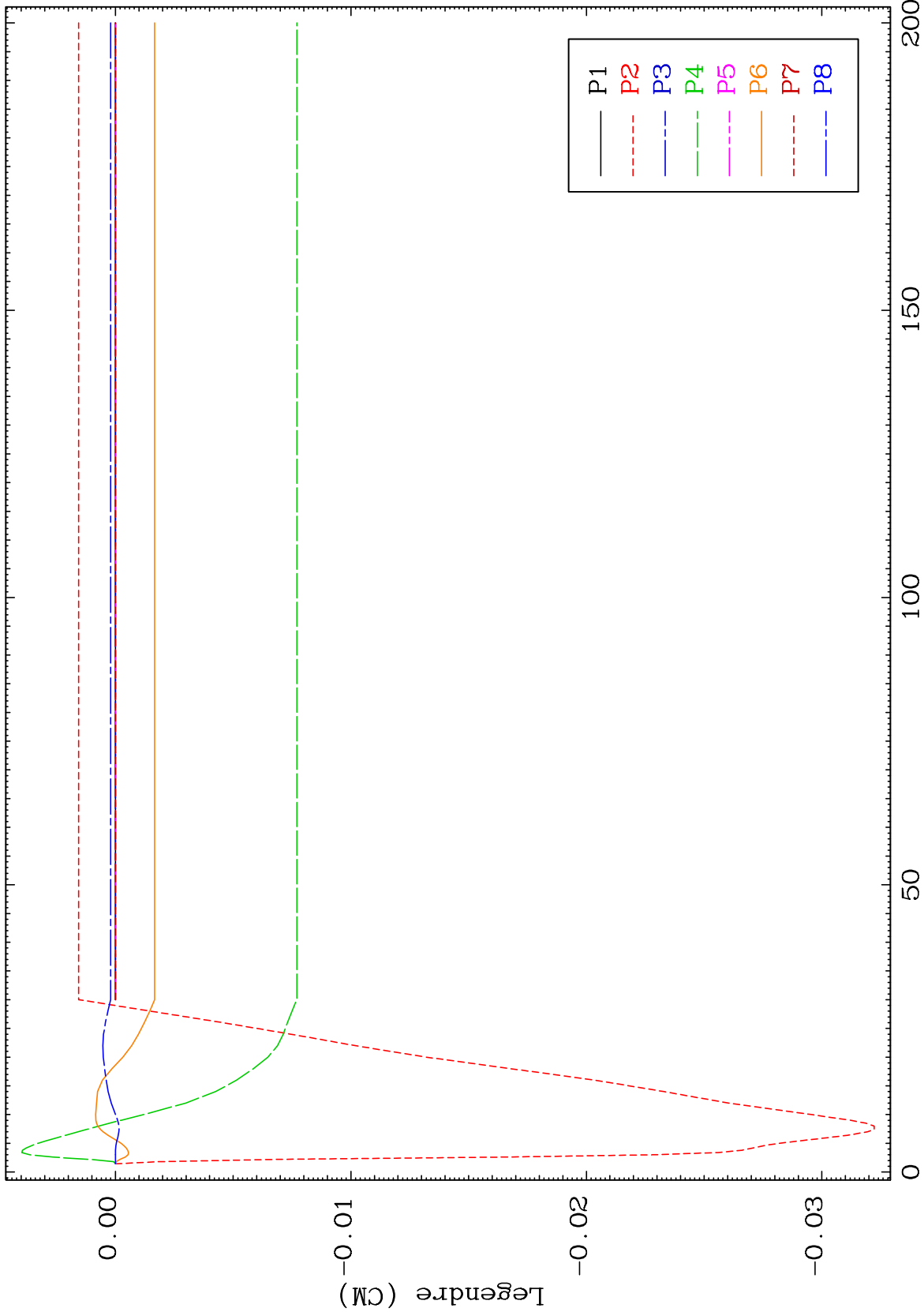
41-Nb-92



MAT 4122

MT= 68 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

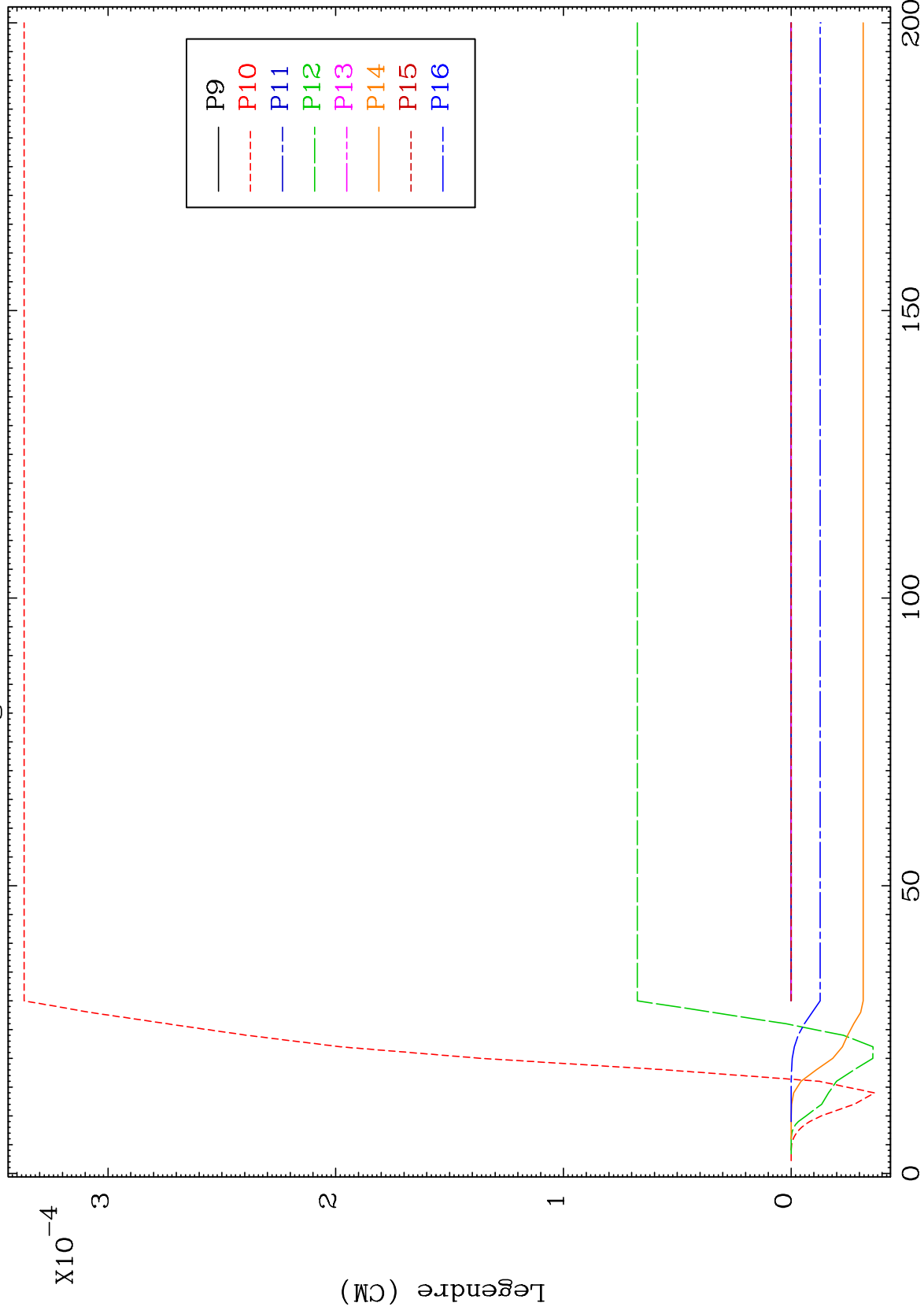
Incident Energy (MeV)

80

MAT 4122

MT= 68 (n,n') Level
Legendre Coefficients

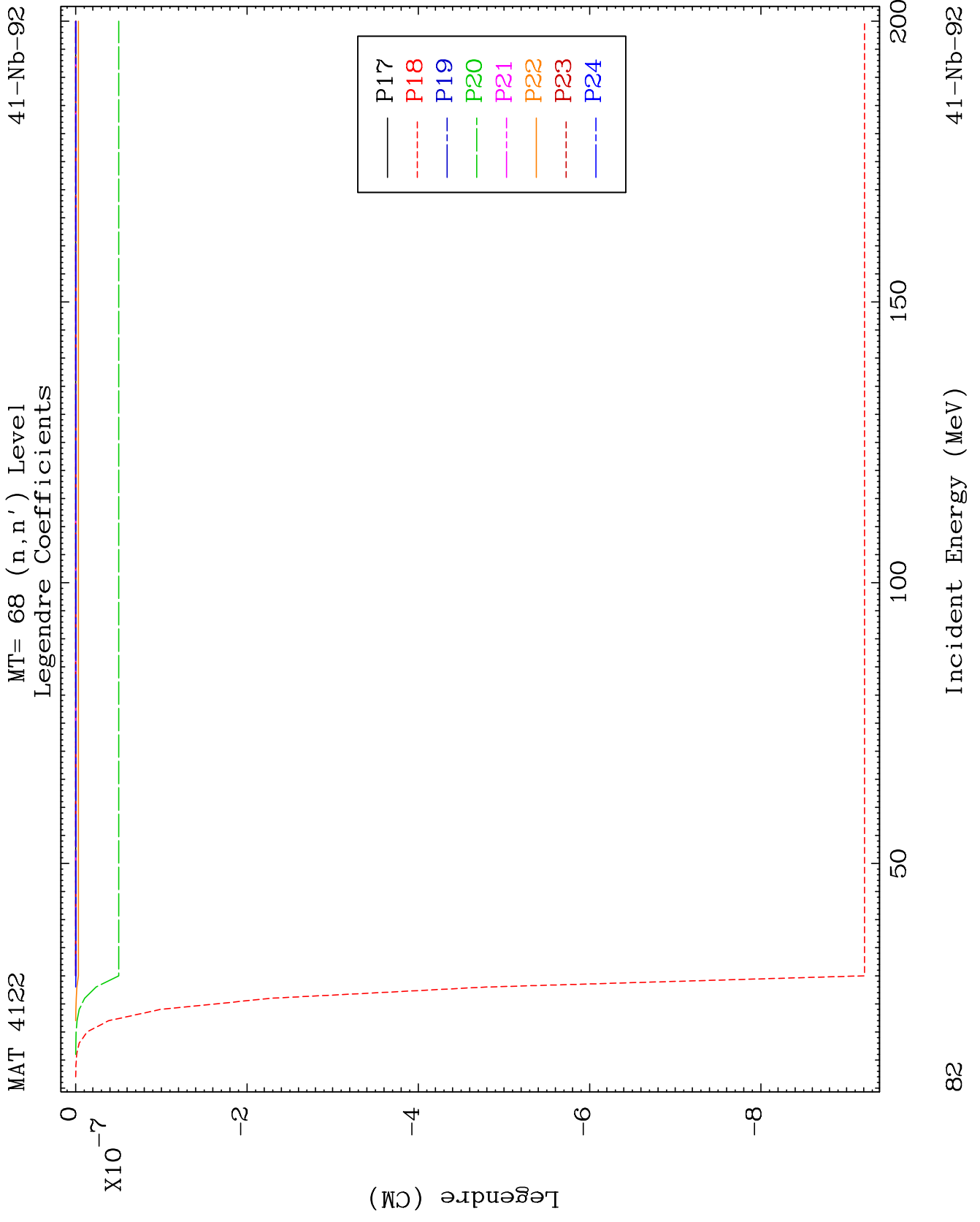
41-Nb-92

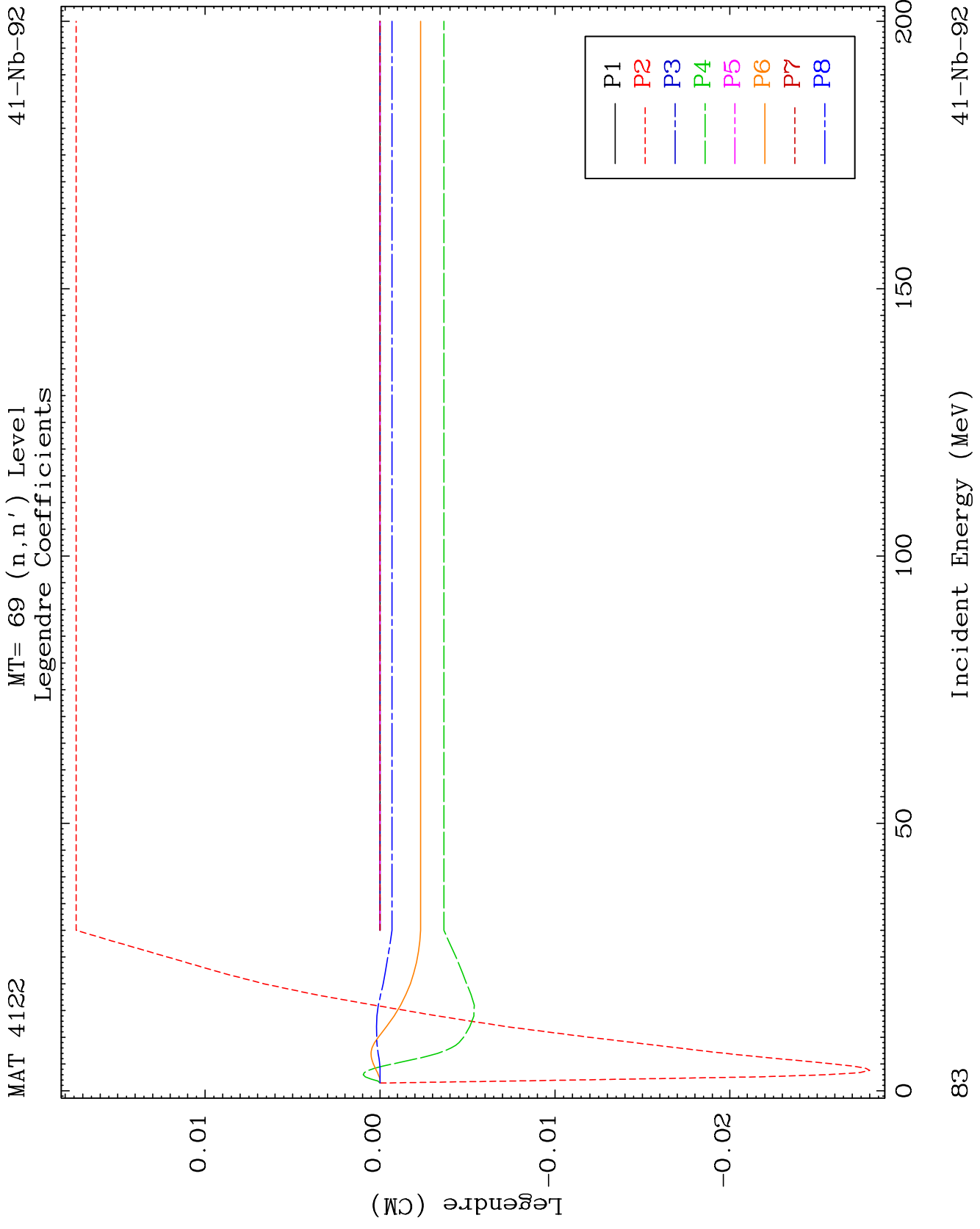


81

Incident Energy (MeV)

41-Nb-92

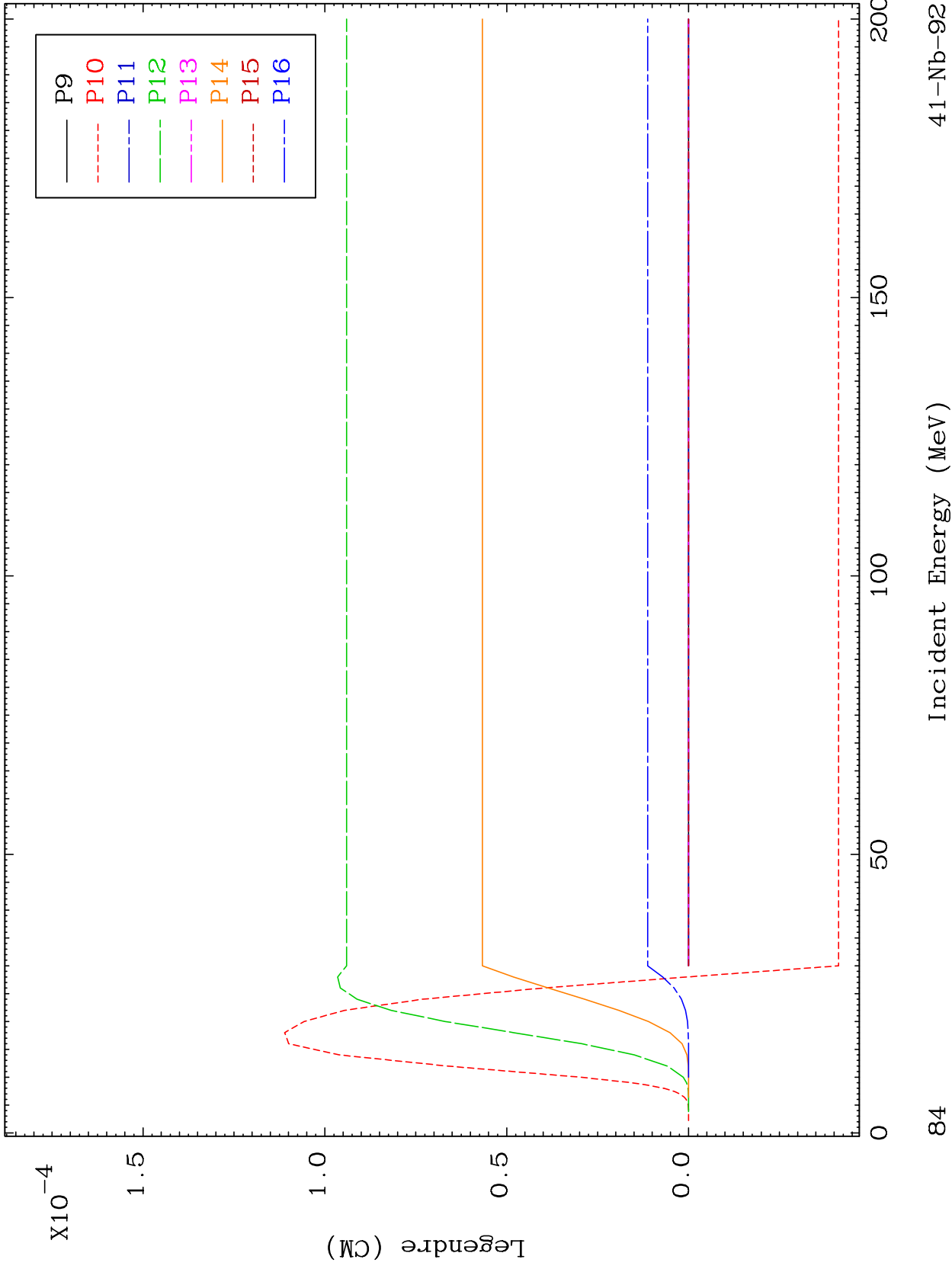




MAT 4122

MT= 69 (n,n') Level
Legendre Coefficients

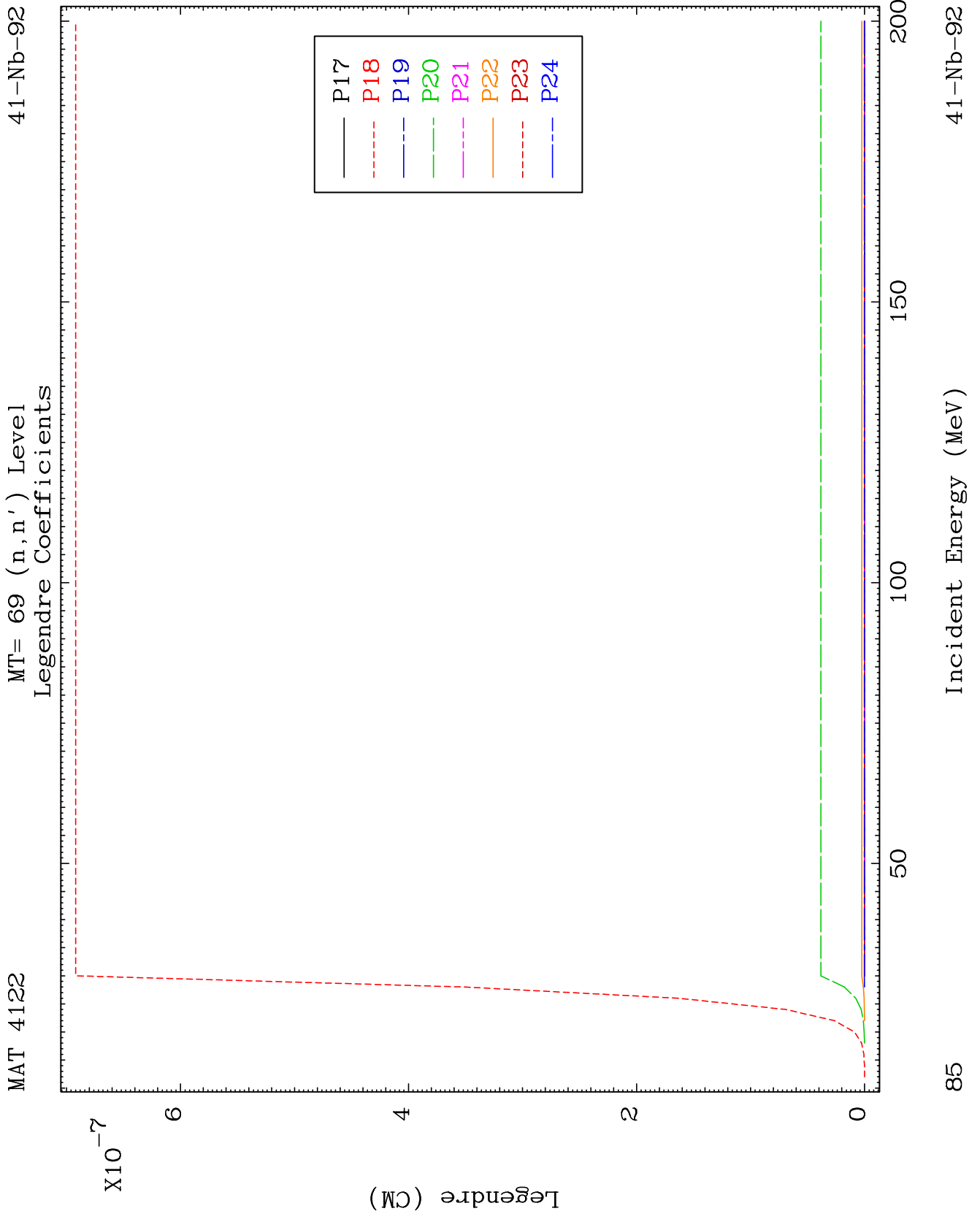
41-Nb-92

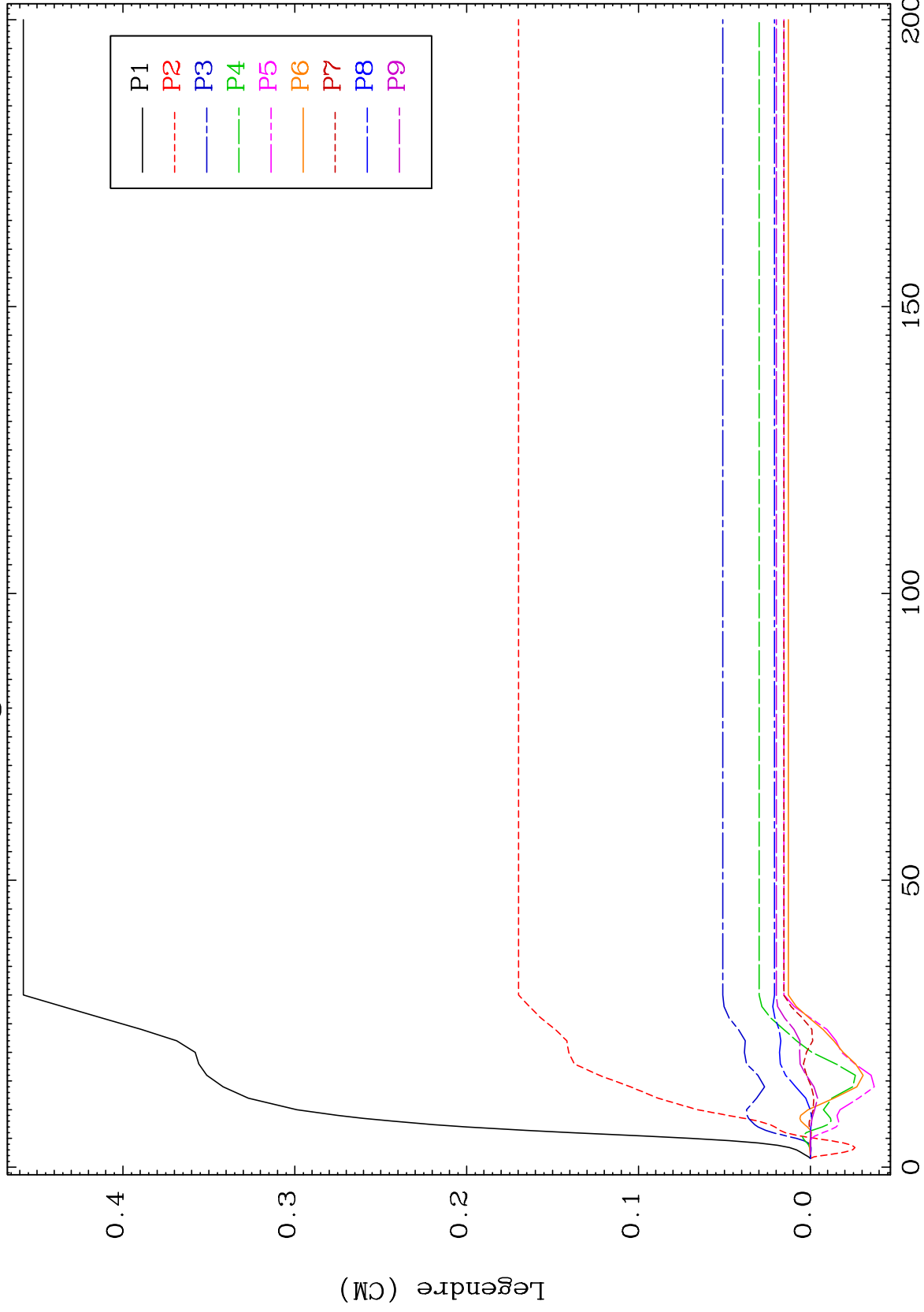


84

Incident Energy (MeV)

41-Nb-92

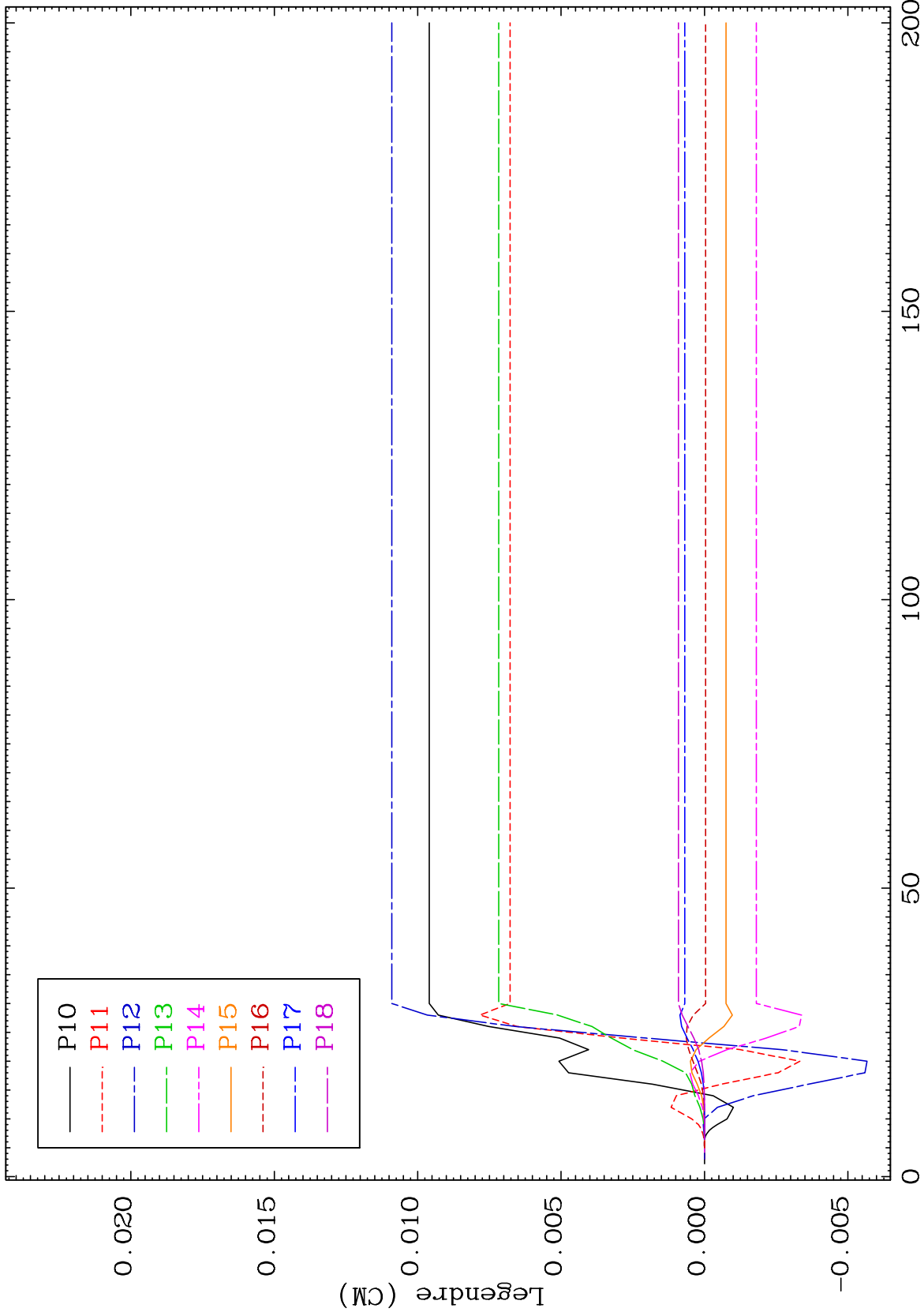




MAT 4122

MT= 70 (n,n') Level
Legendre Coefficients

41-Nb-92



87

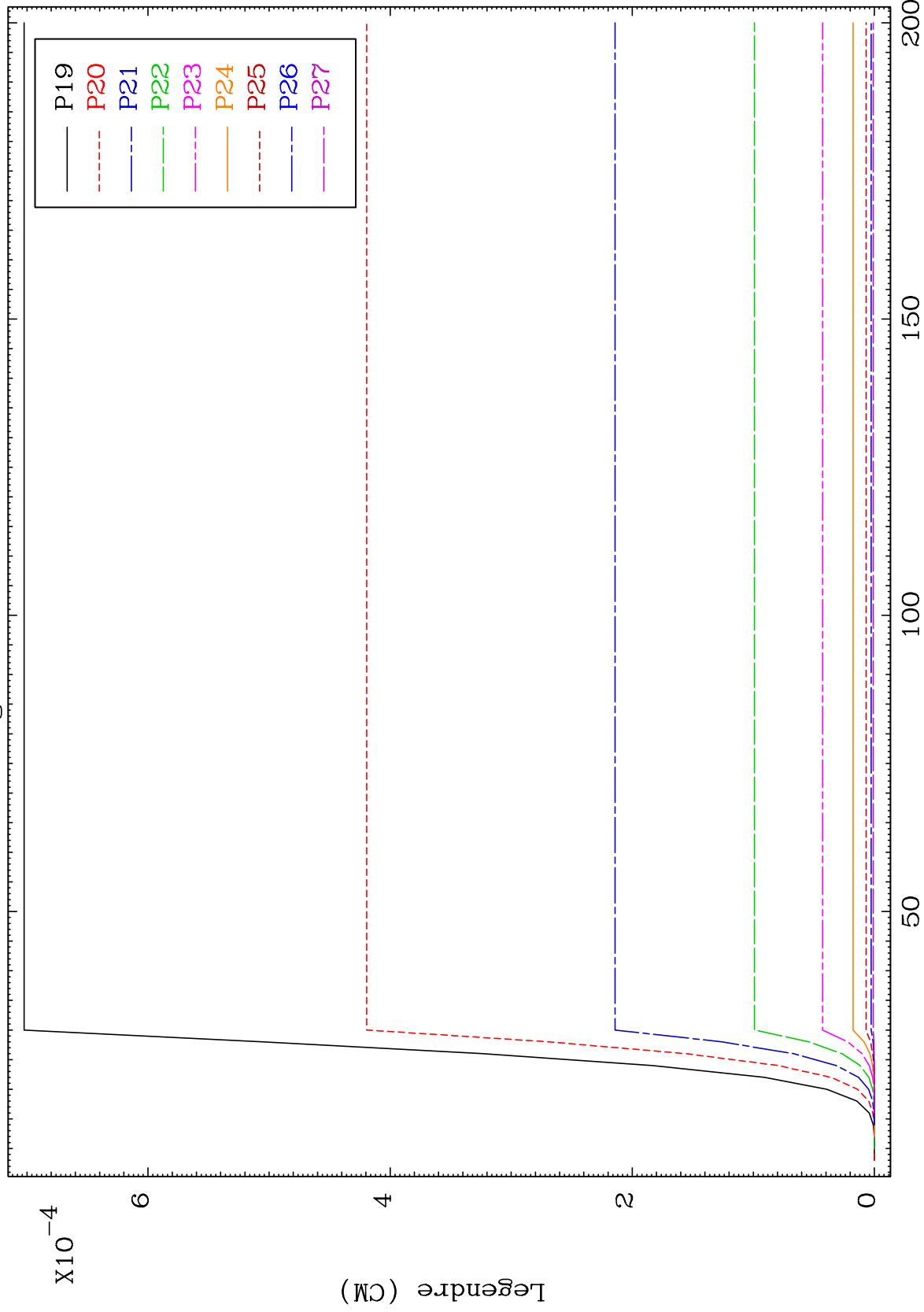
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 70 (n,n') Level
Legendre Coefficients

41-Nb-92



88

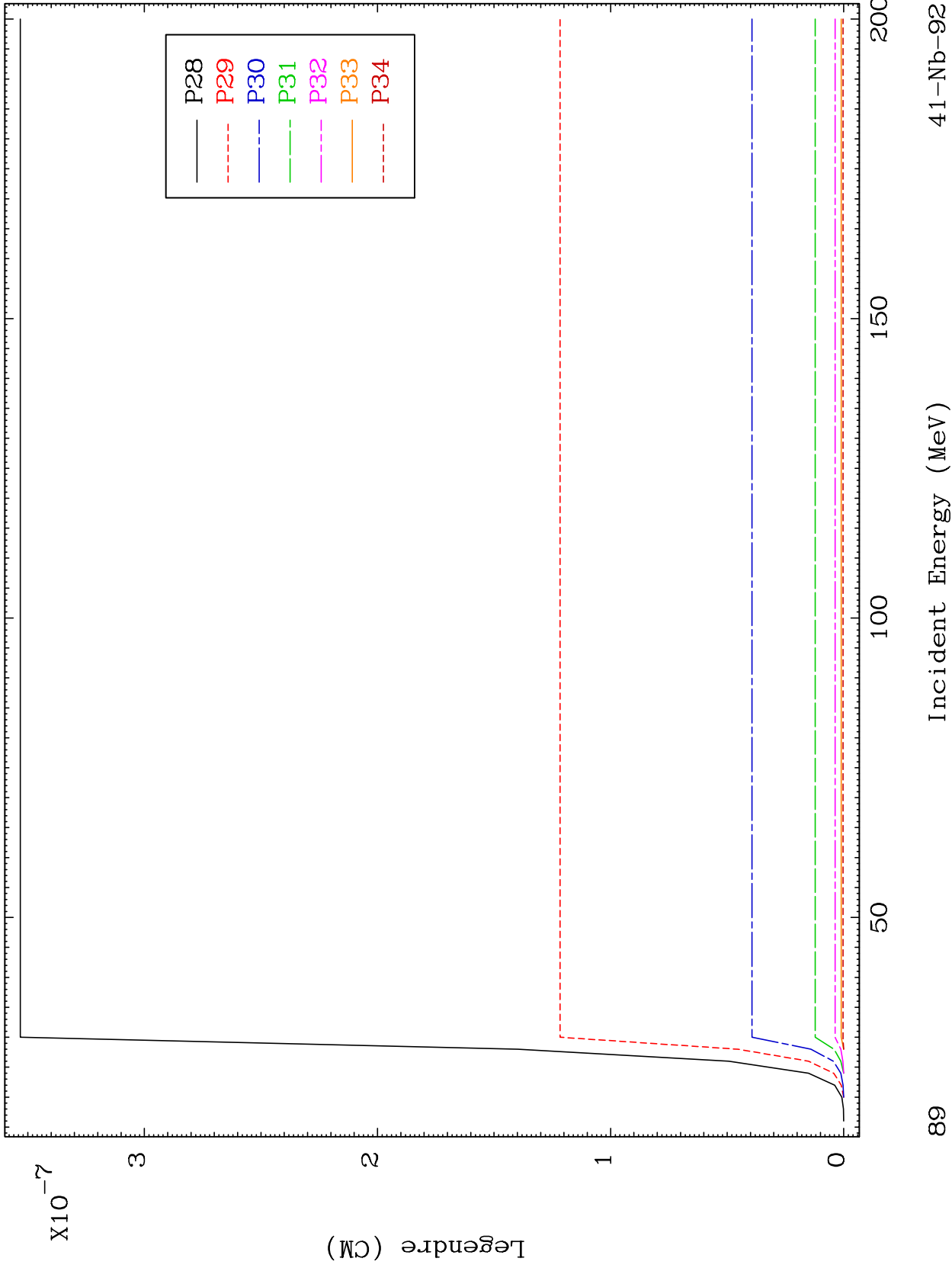
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 70 (n,n') Level
Legendre Coefficients

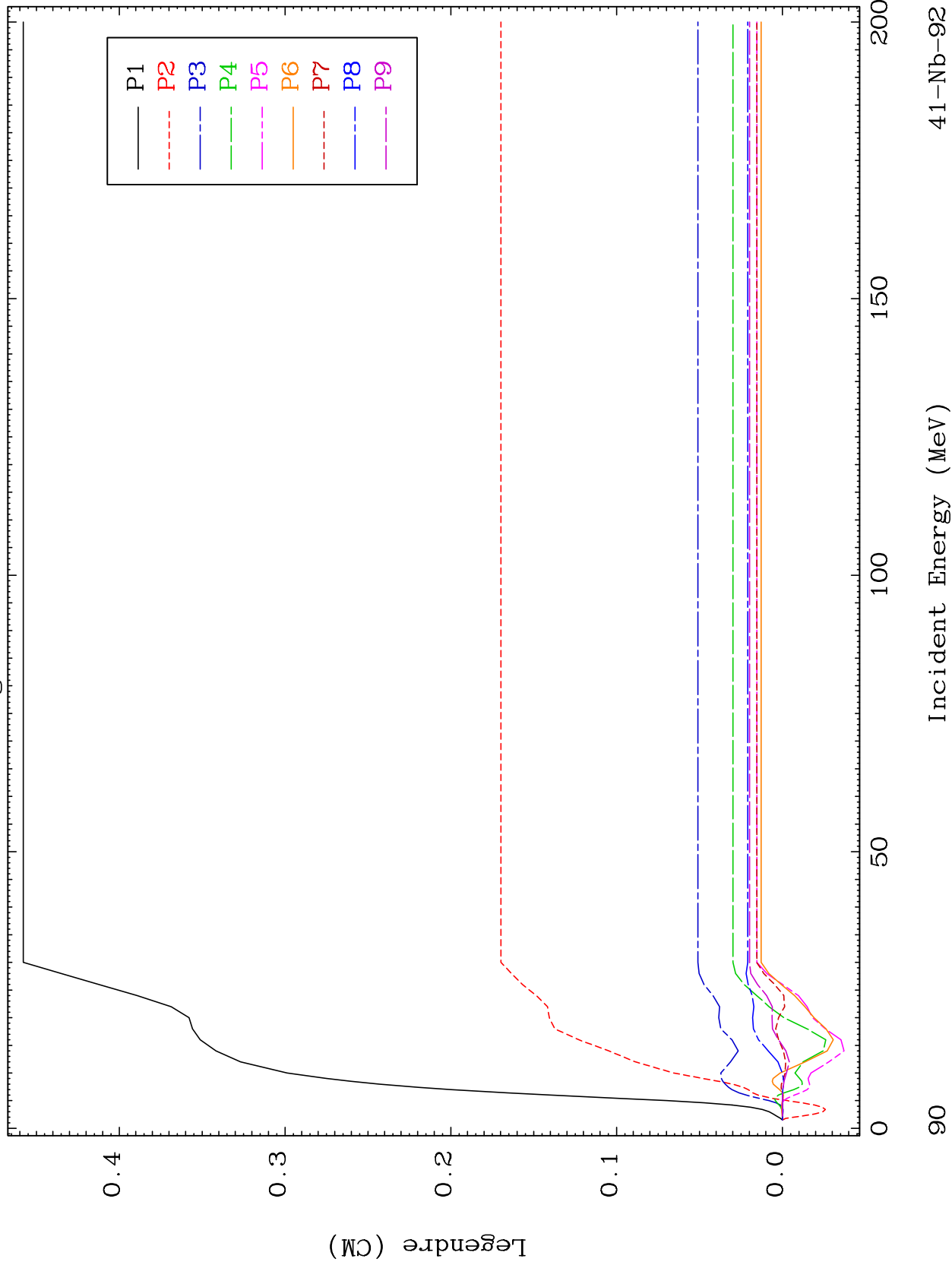
41-Nb-92



MAT 4122

MT= 71 (n,n') Level
Legendre Coefficients

41-Nb-92

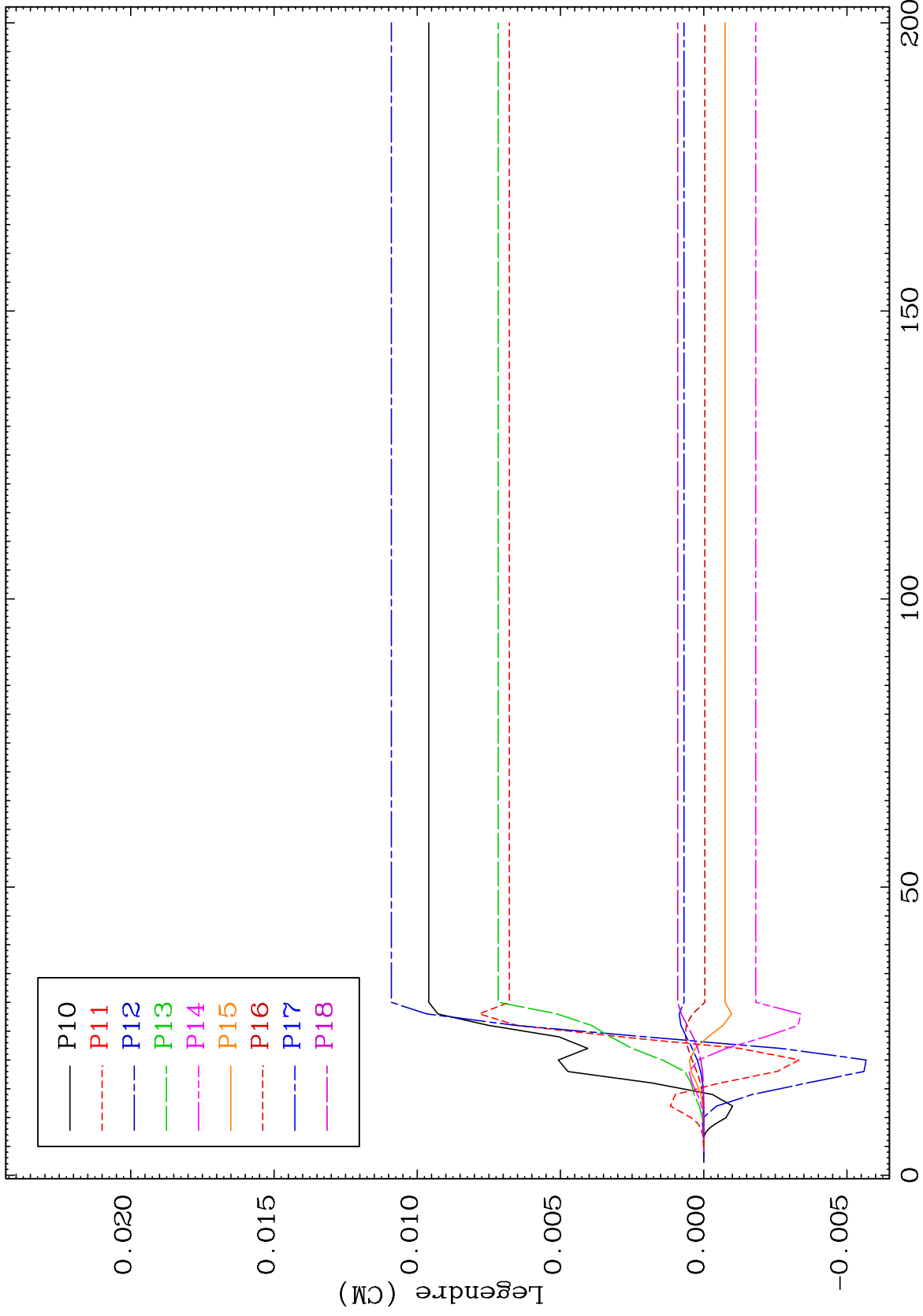


41-Nb-92

MAT 4122

MT= 71 (n,n') Level
Legendre Coefficients

41-Nb-92



91

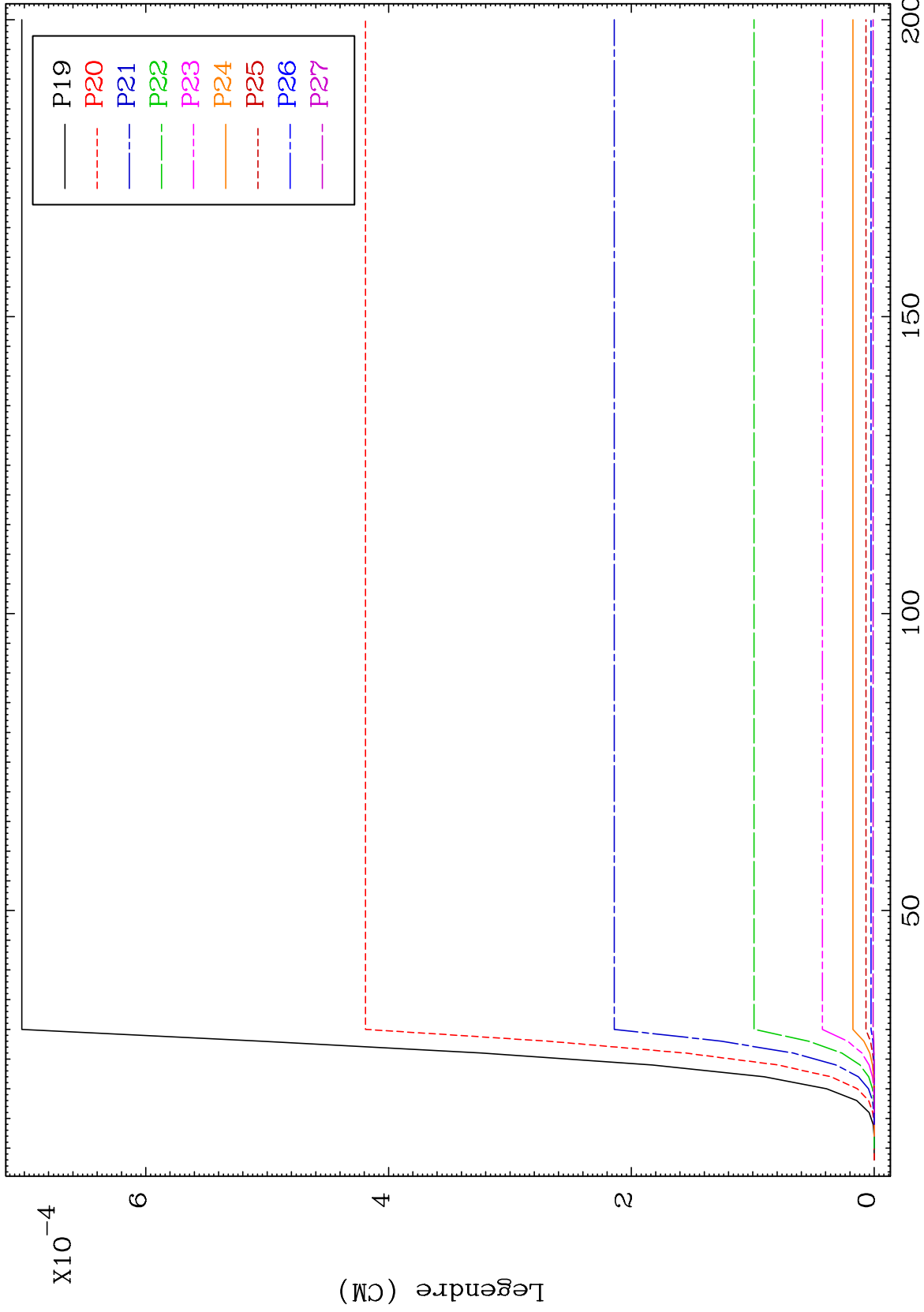
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 71 (n,n') Level
Legendre Coefficients

41-Nb-92



92

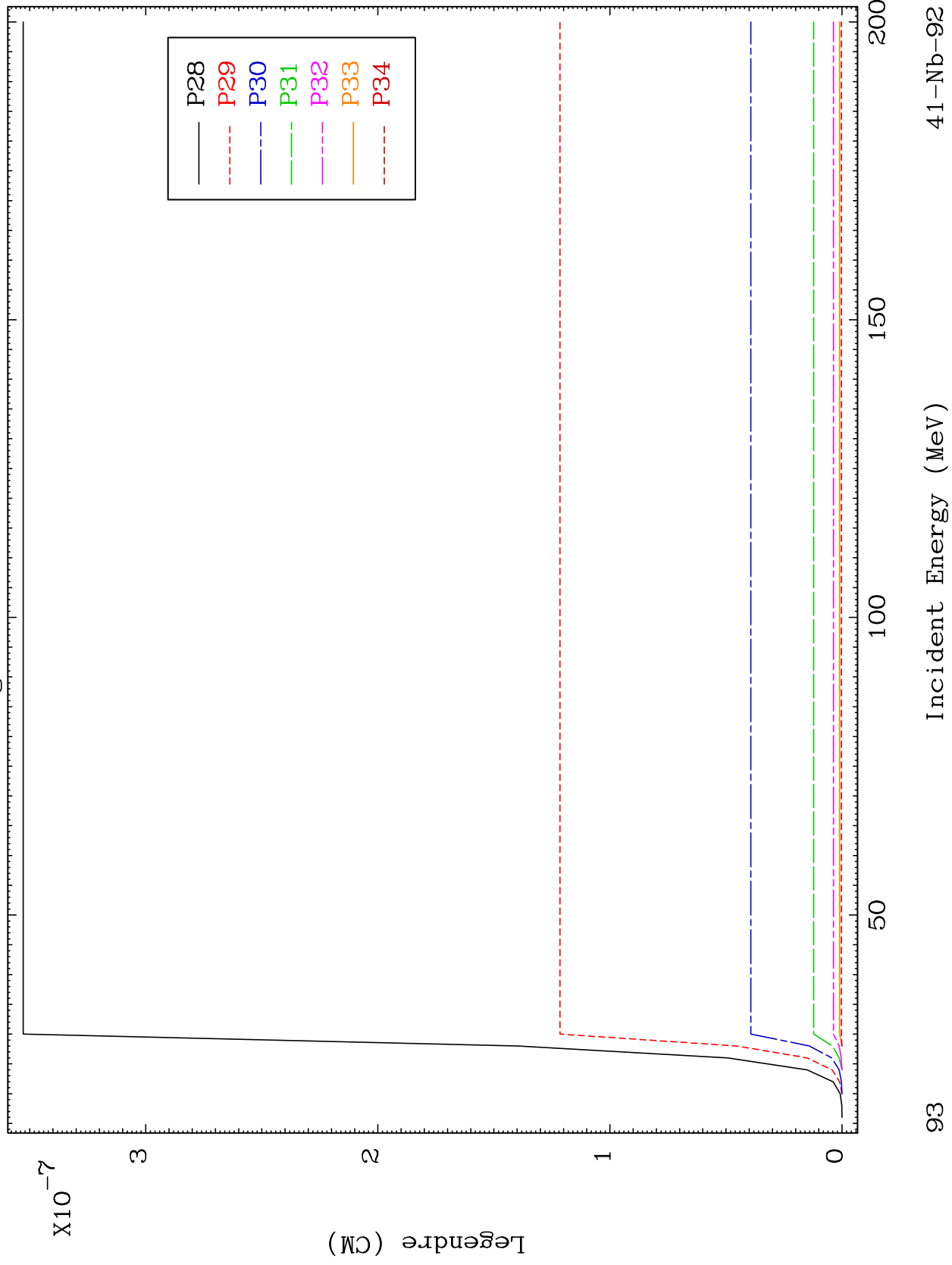
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 71 (n,n') Level
Legendre Coefficients

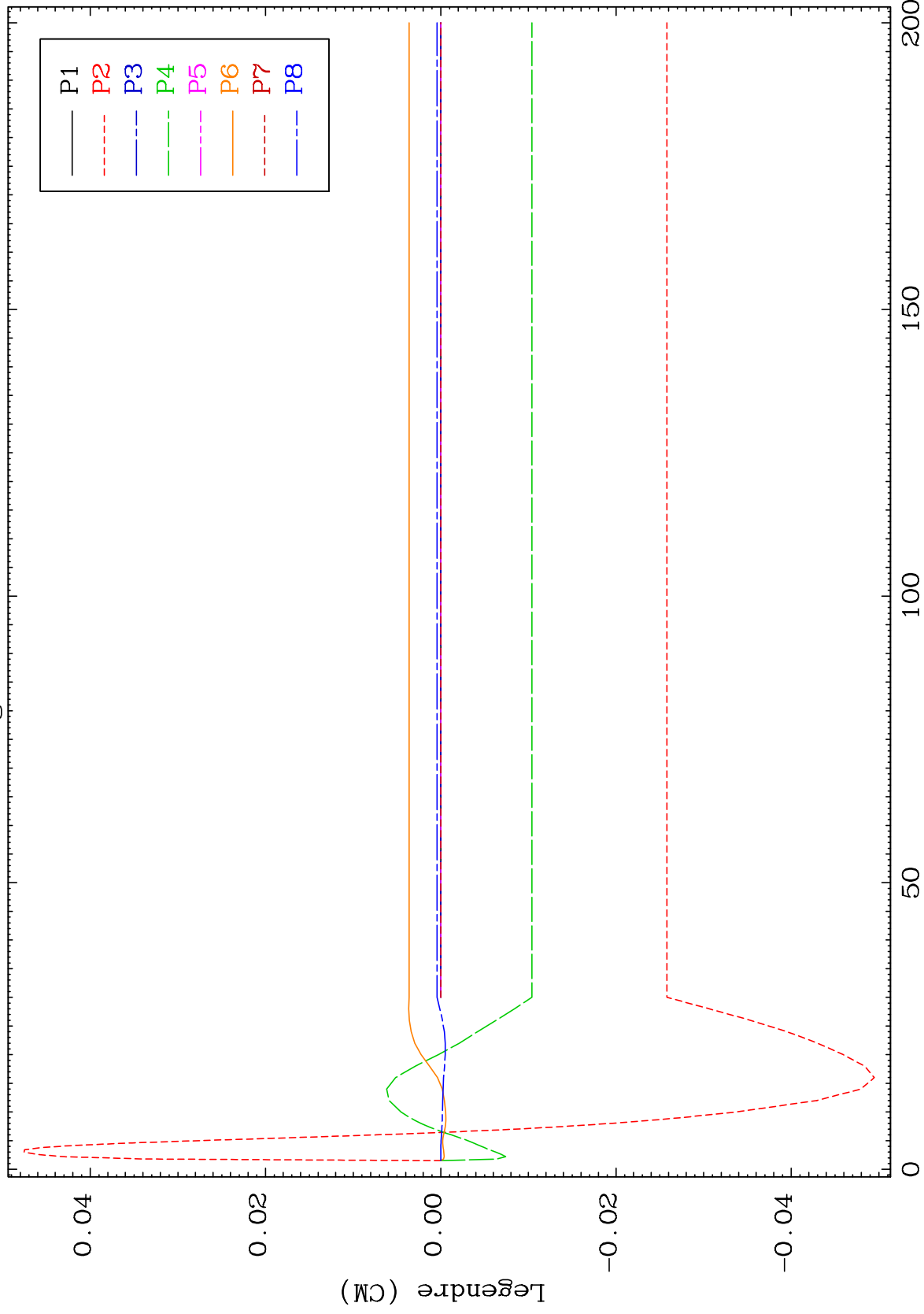
41-Nb-92



MAT 4122

MT= 72 (n,n') Level
Legendre Coefficients

41-Nb-92



94

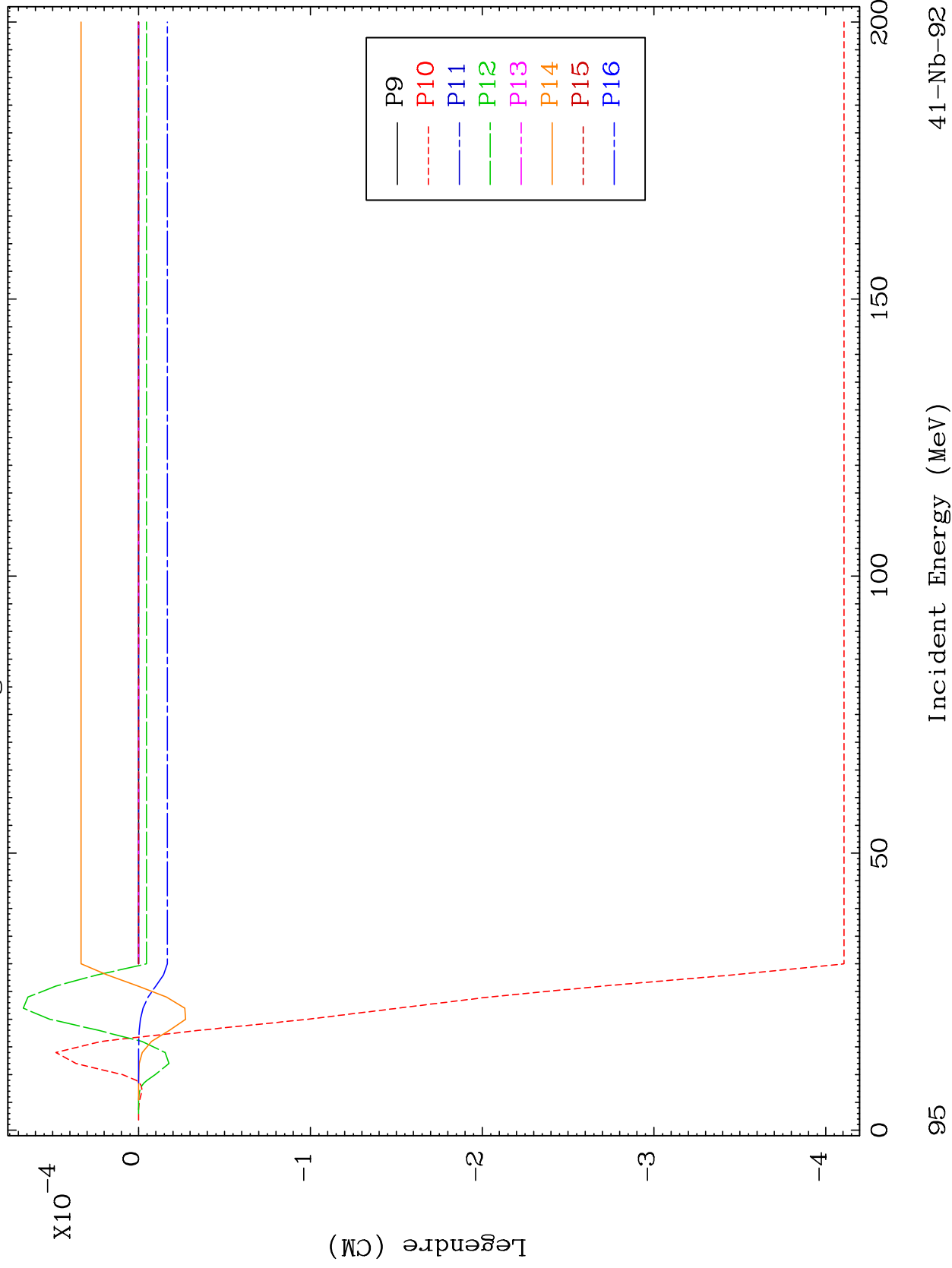
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 72 (n,n') Level
Legendre Coefficients

41-Nb-92



95

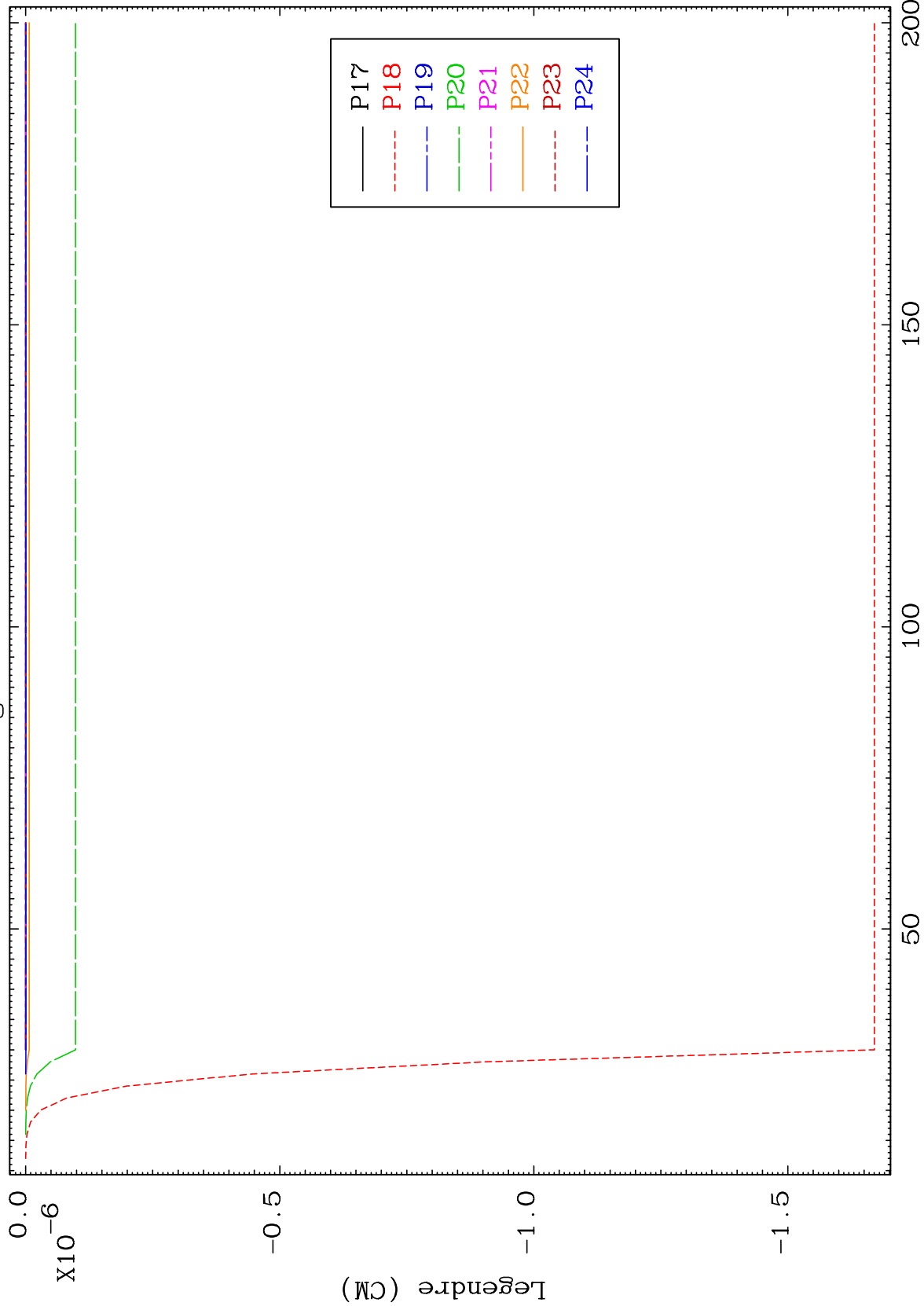
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 72 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

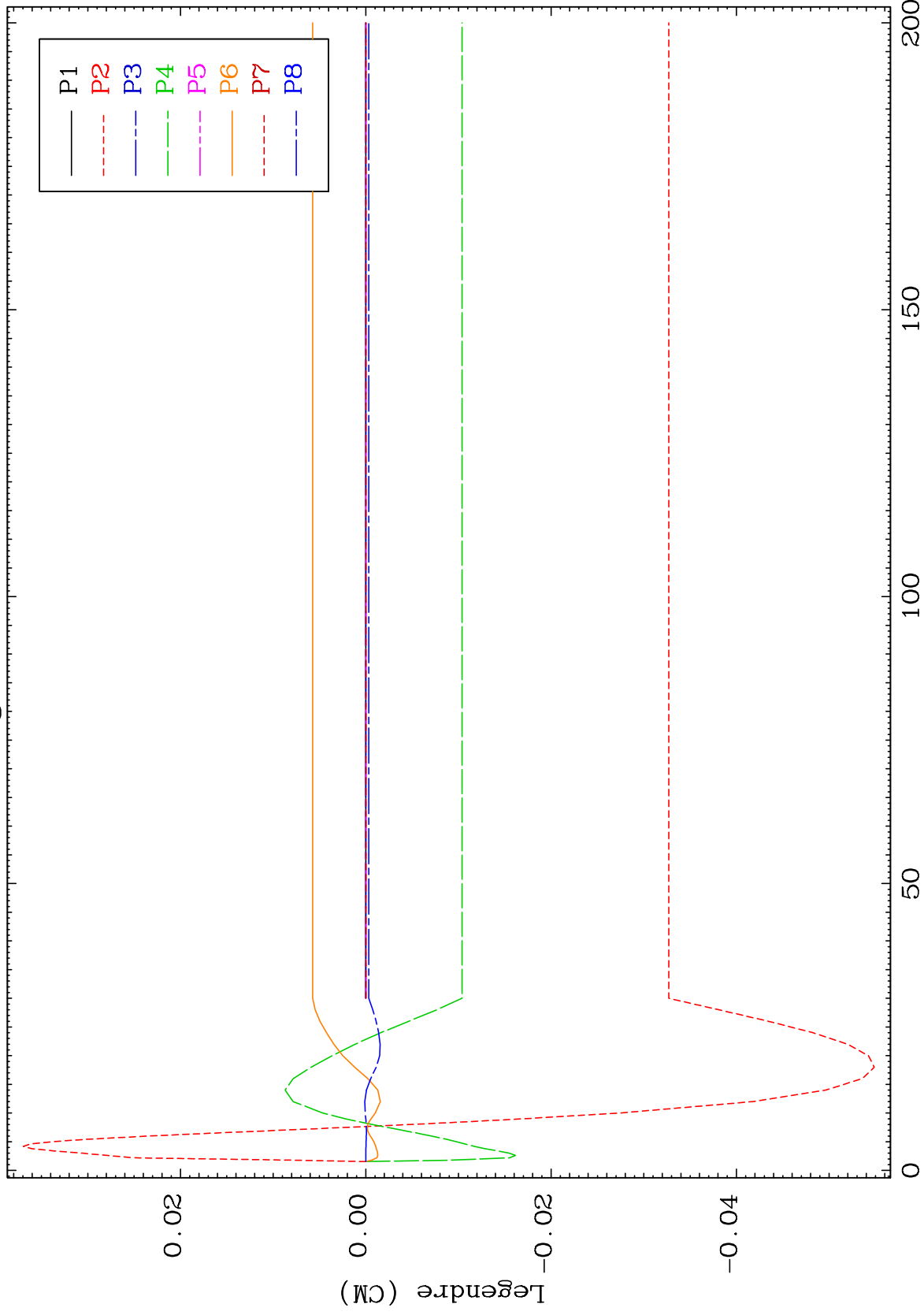
Incident Energy (MeV)

96

MAT 4122

MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-92



97

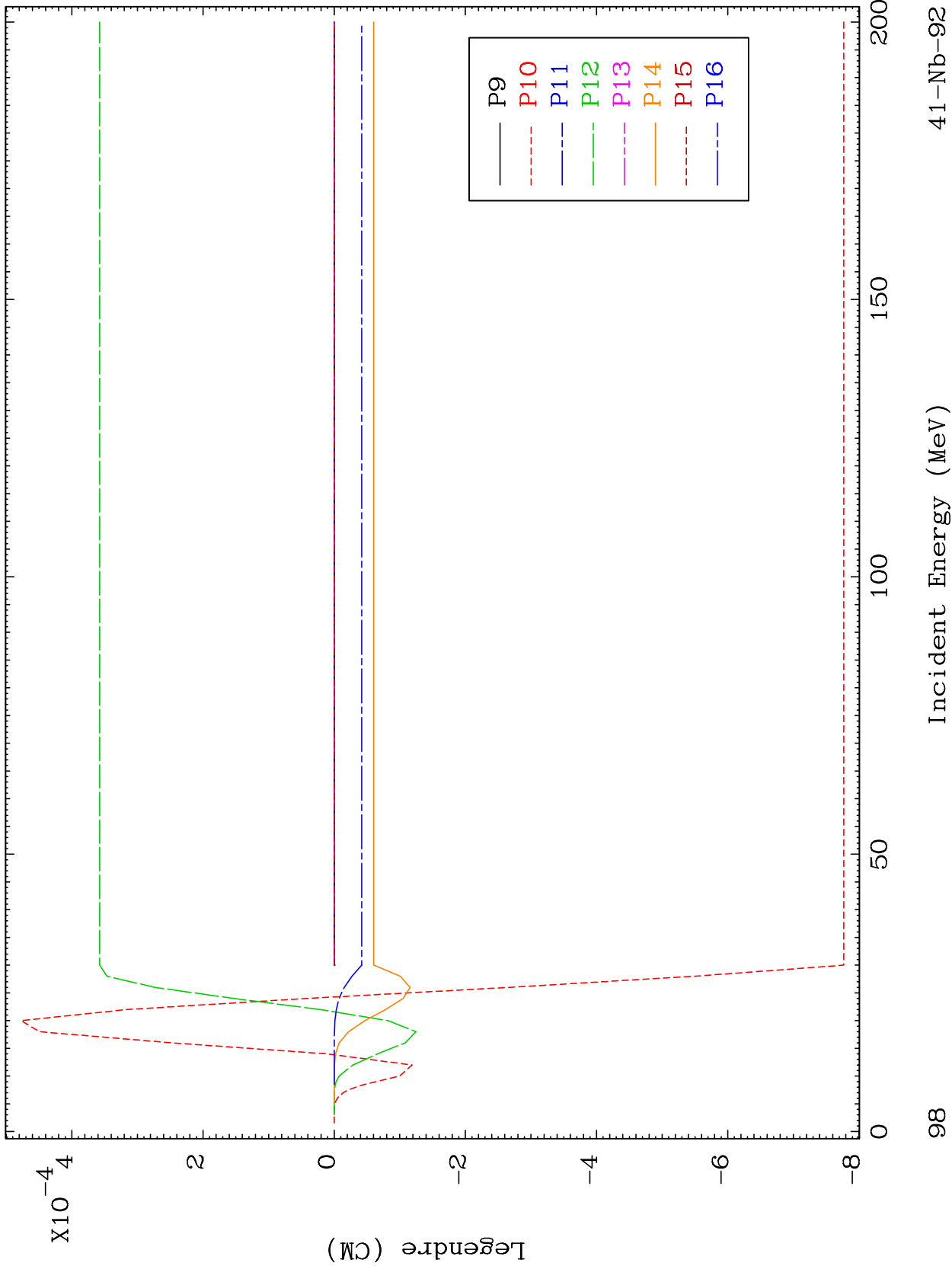
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 73 (n,n') Level
Legendre Coefficients

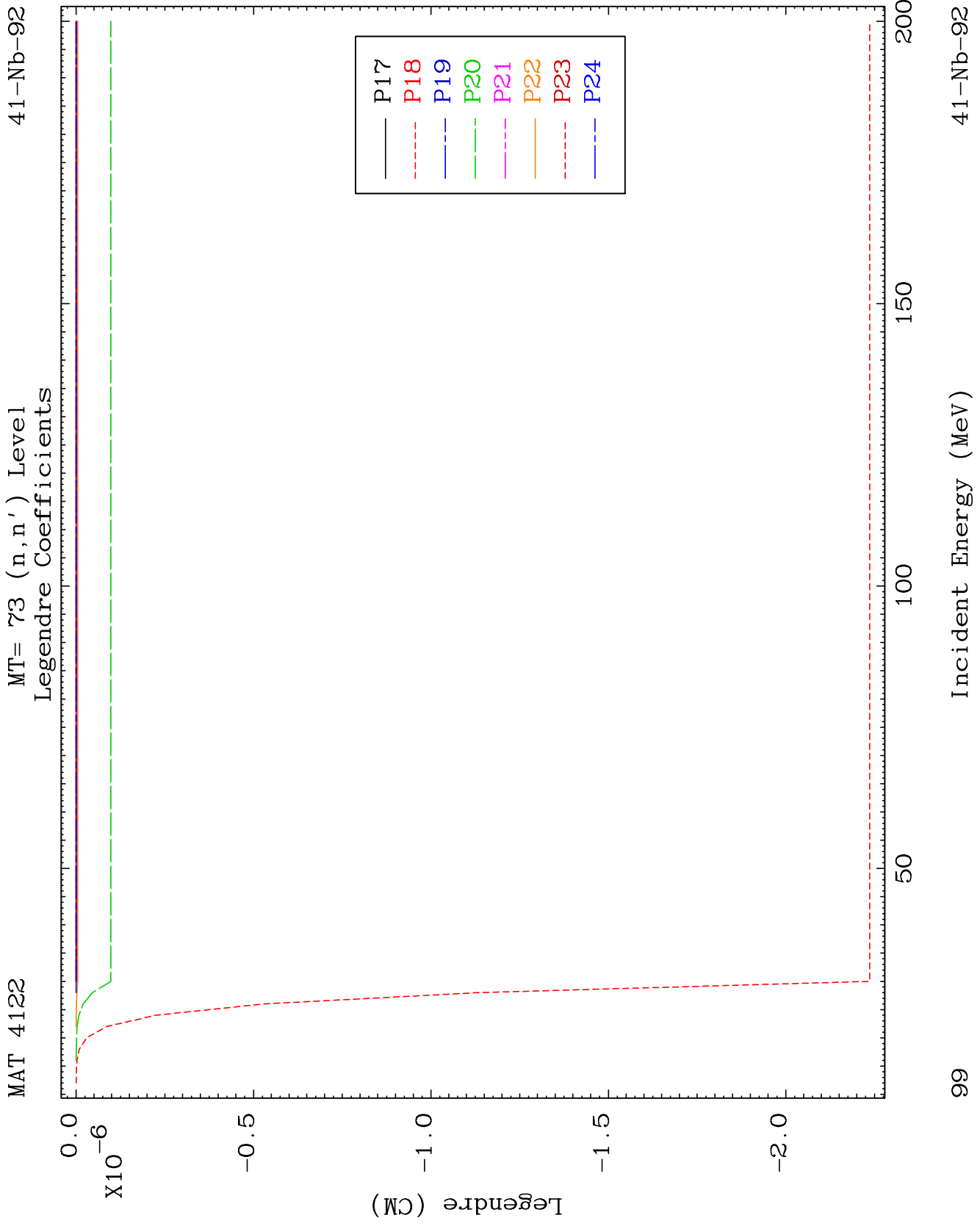
41-Nb-92



98

Incident Energy (MeV)

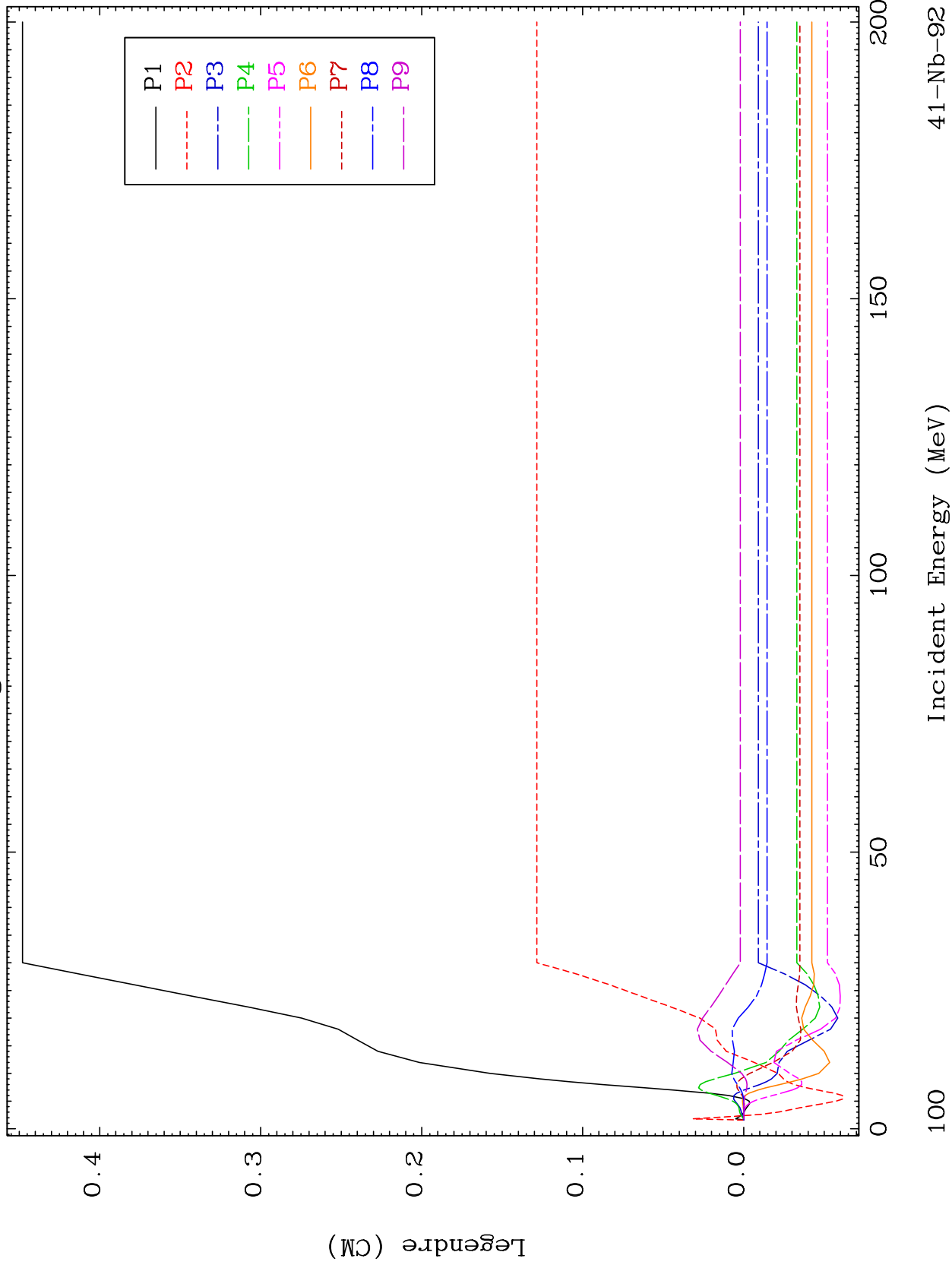
41-Nb-92



MAT 4122

MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-92

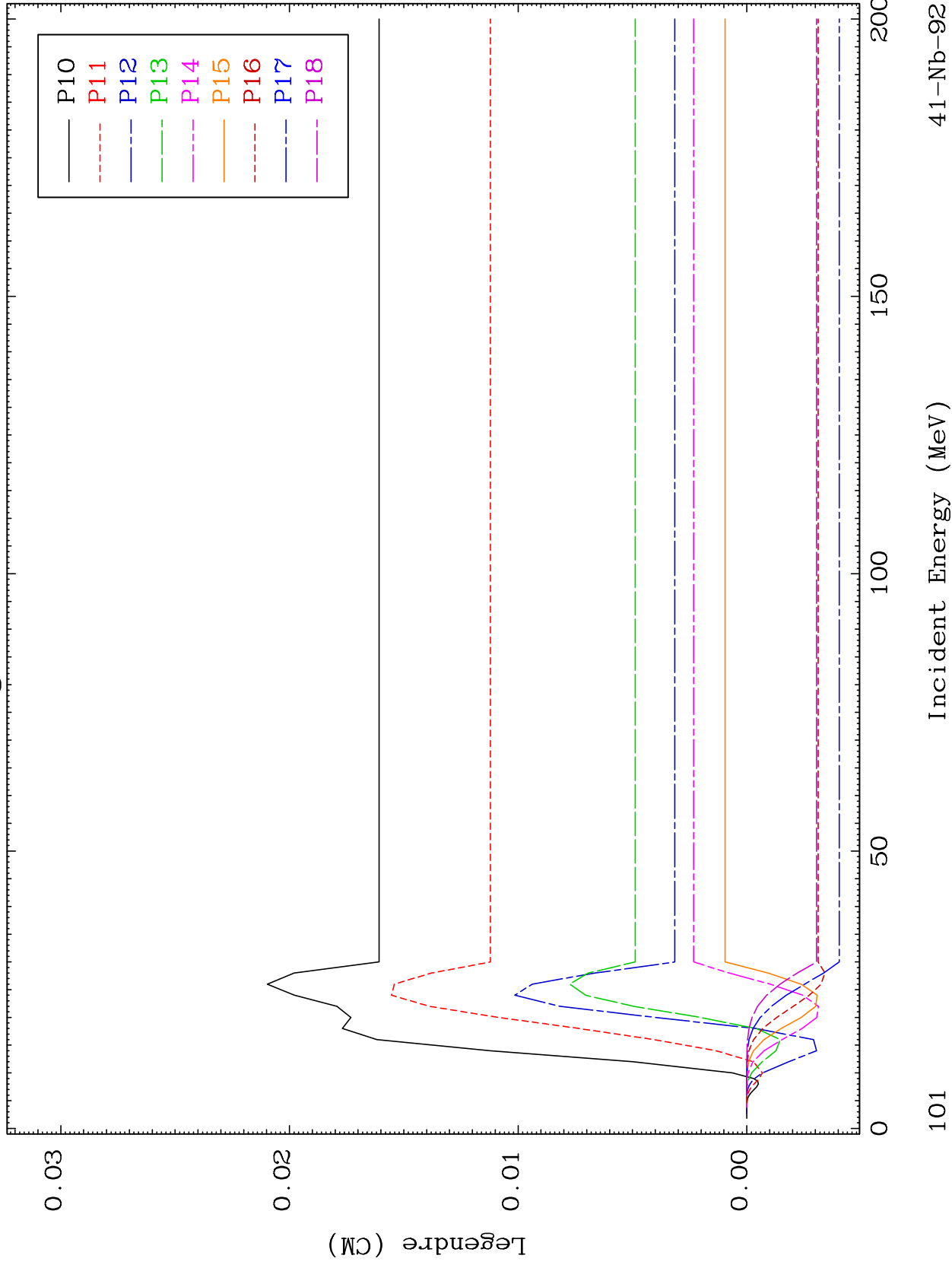


41-Nb-92

MAT 4122

MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-92

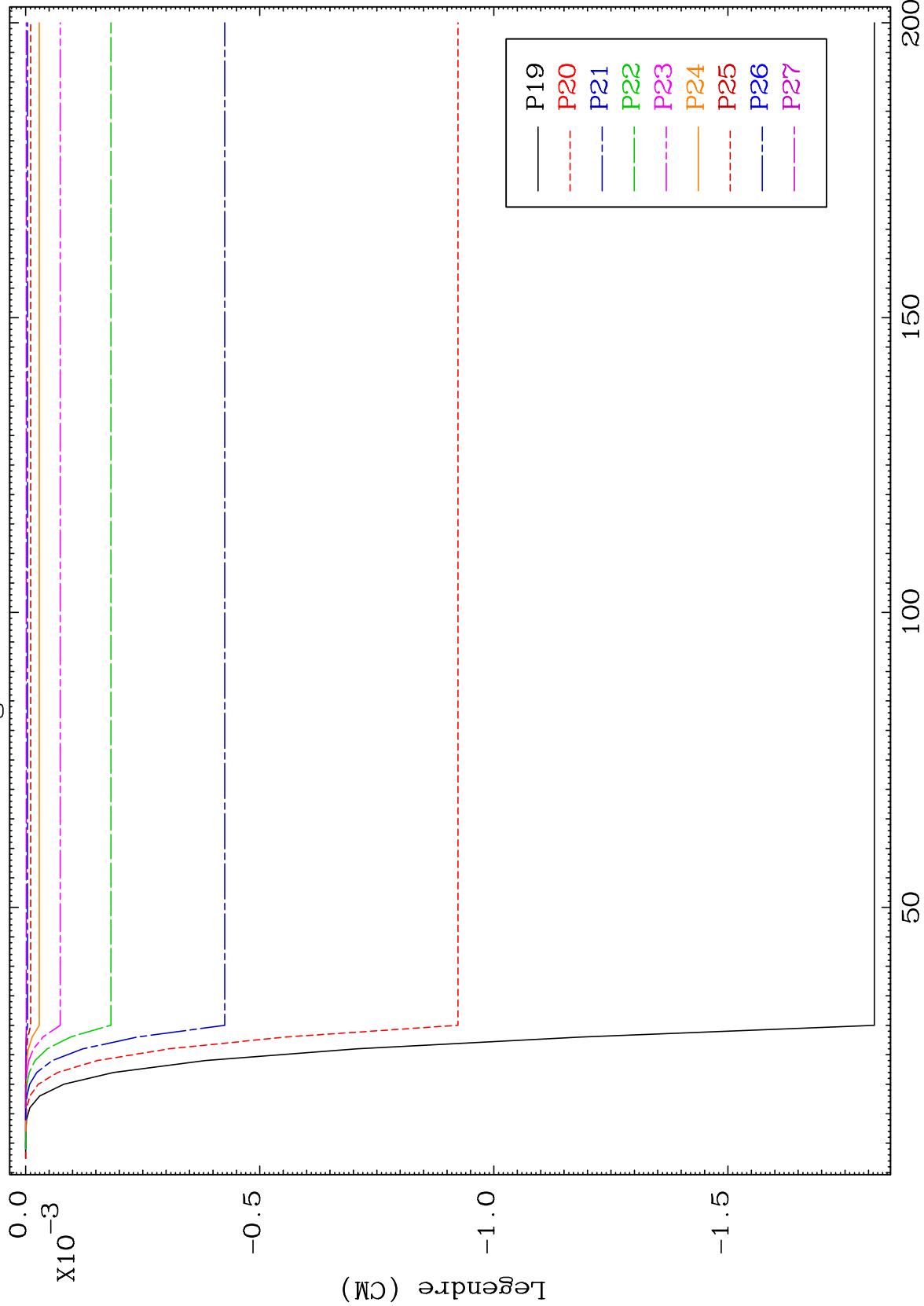


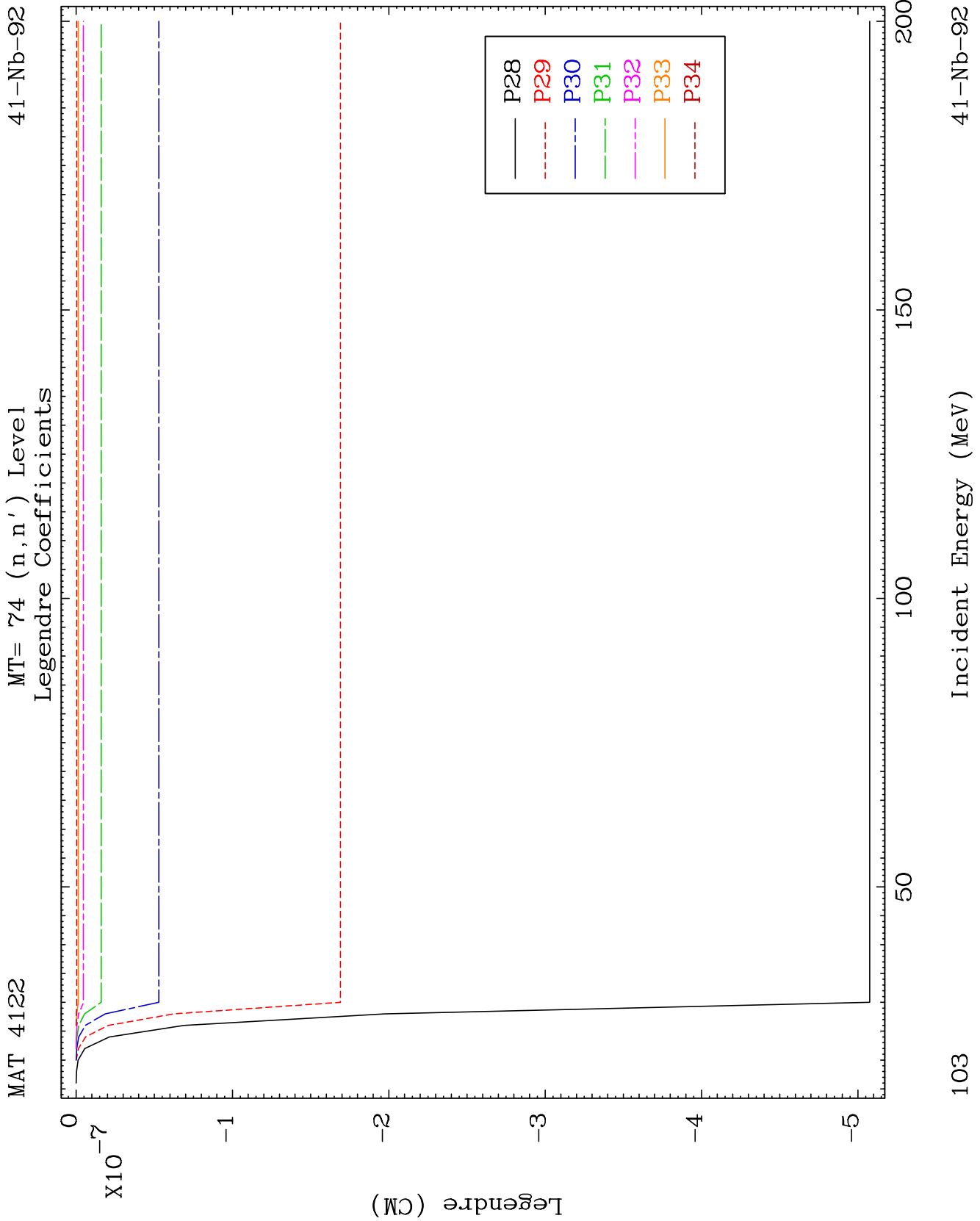
101

Incident Energy (MeV)

41-Nb-92

Legendre Coefficients

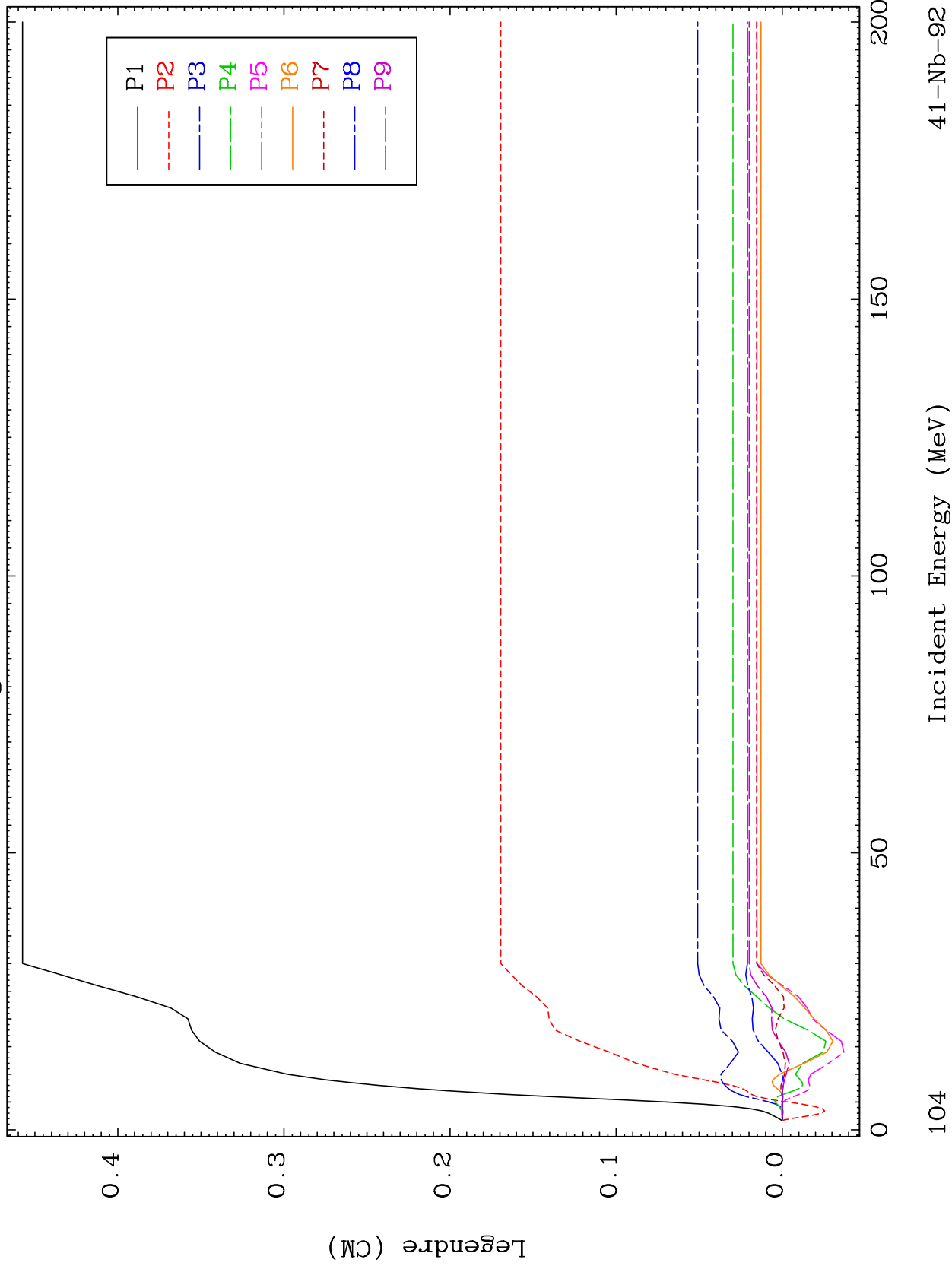




MAT 4122

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

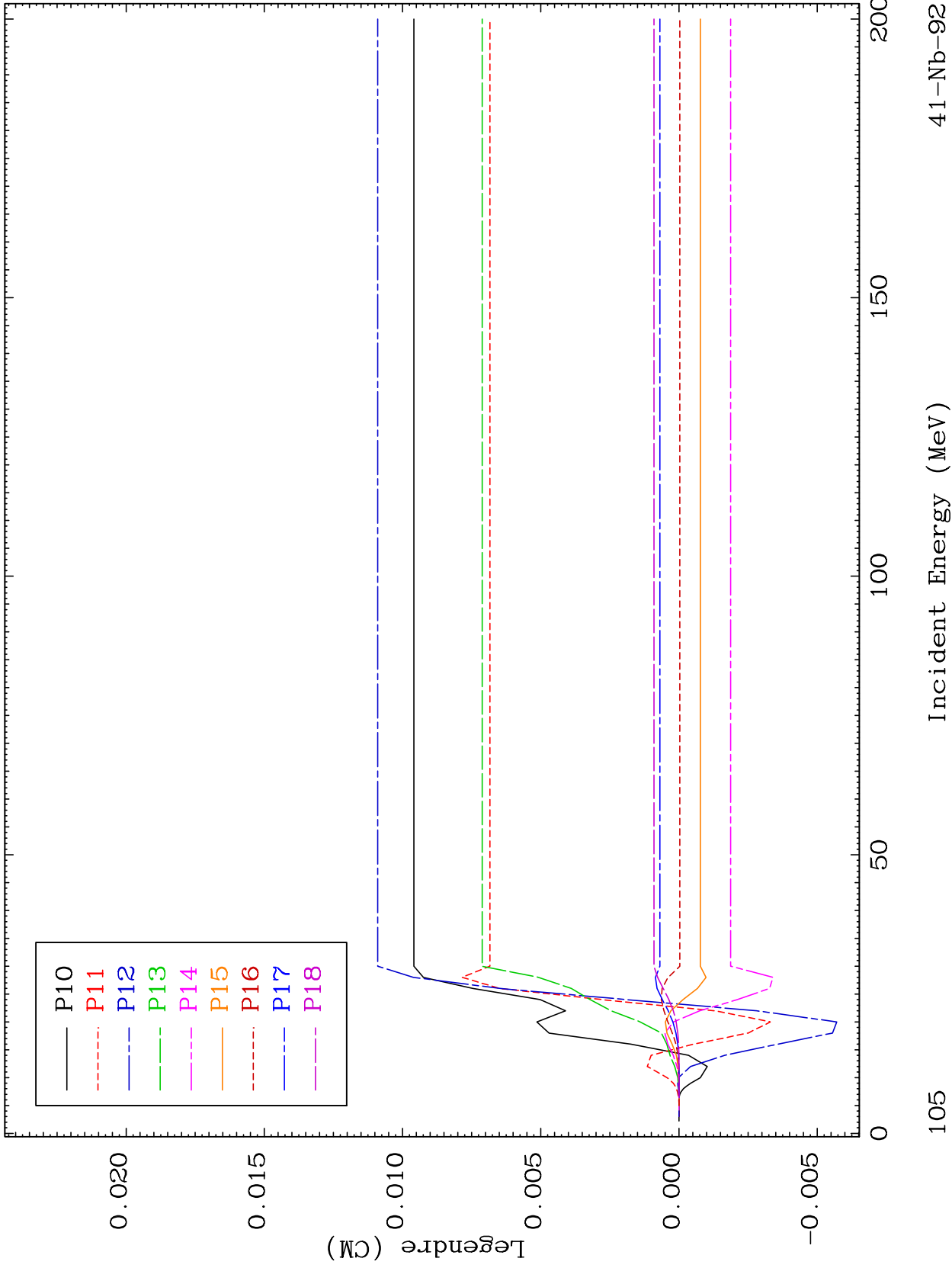
Incident Energy (MeV)

104

MAT 4122

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

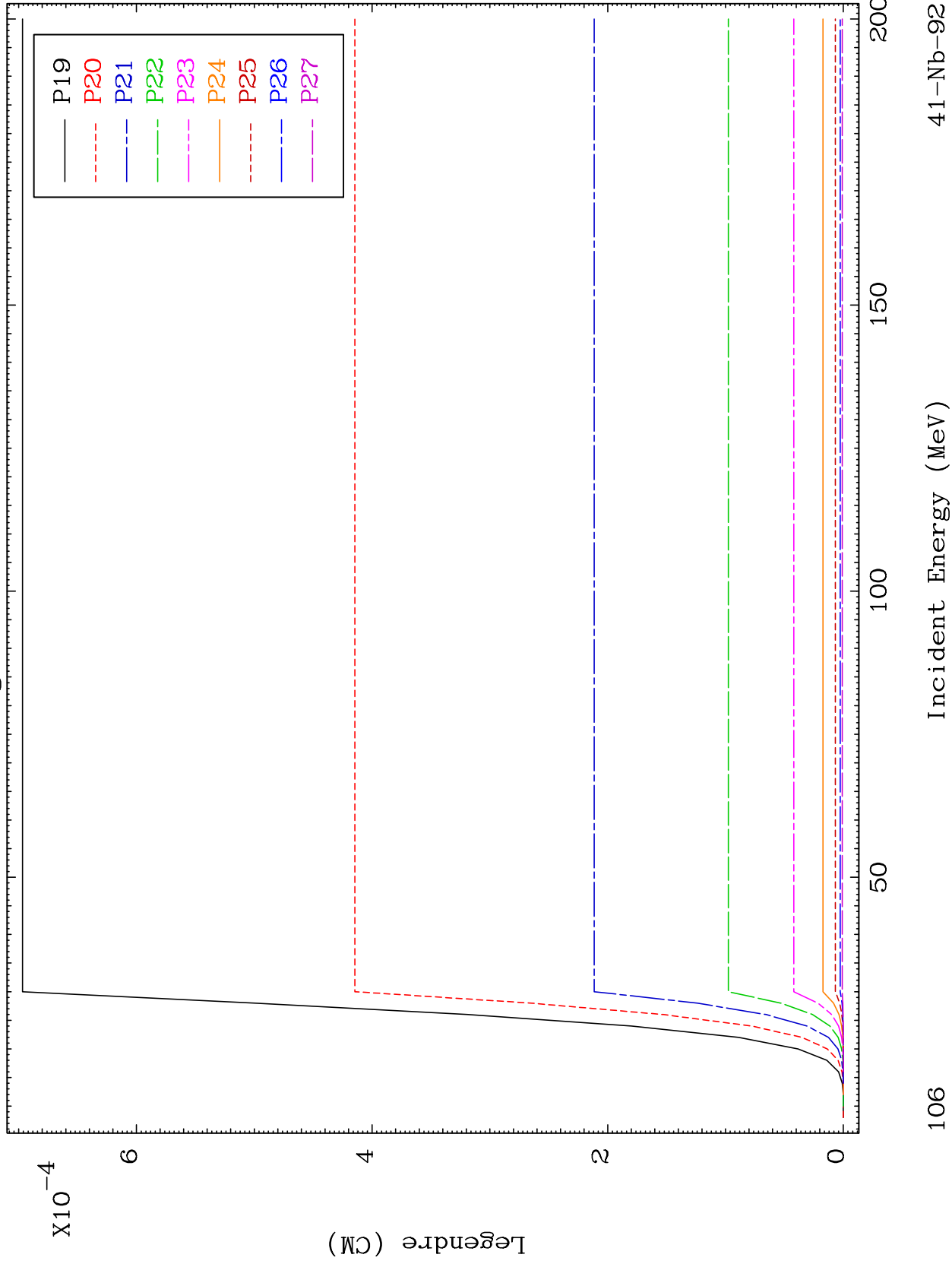
Incident Energy (MeV)

105

MAT 4122

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-92

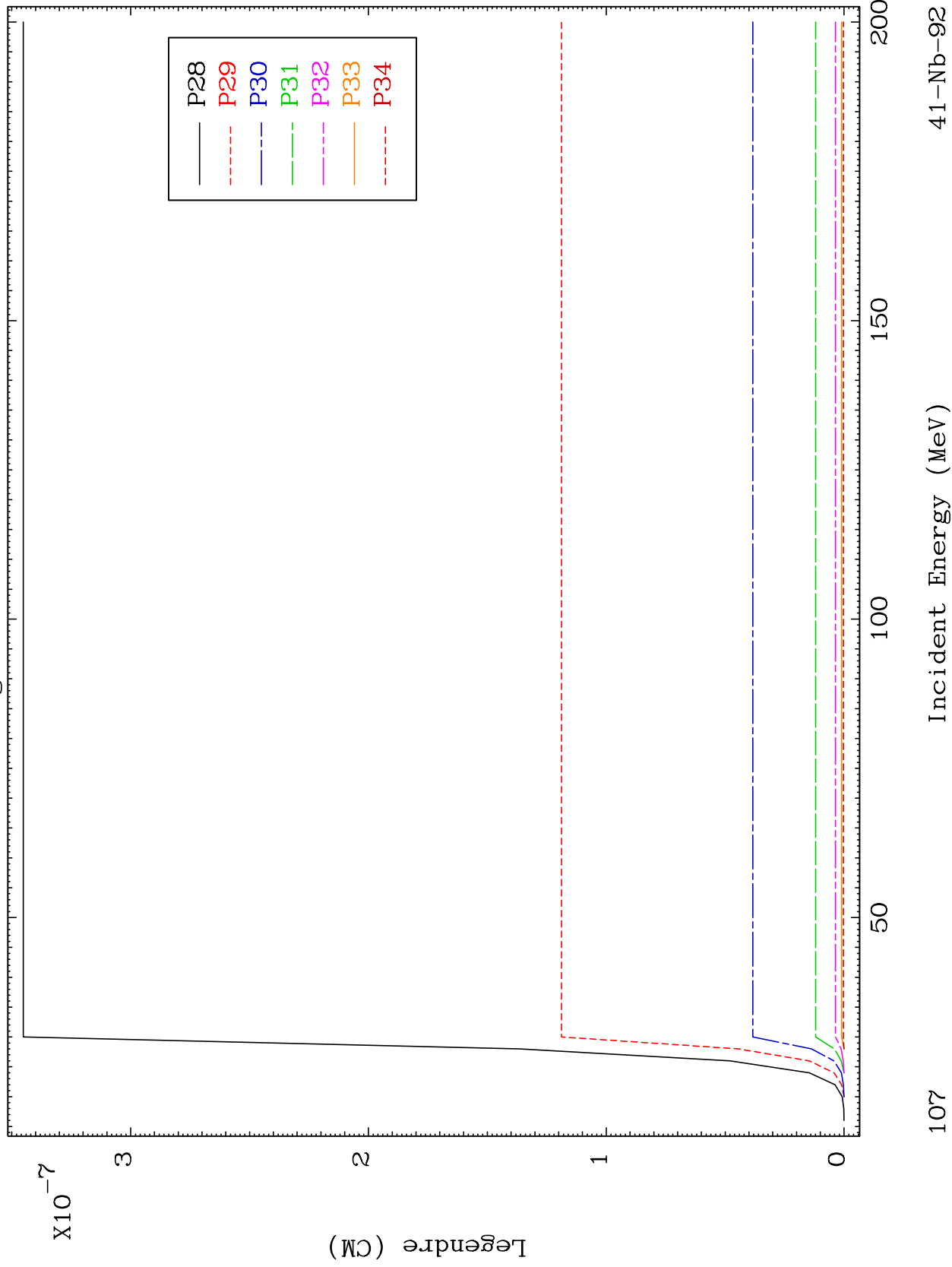


106

MAT 4122

MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-92

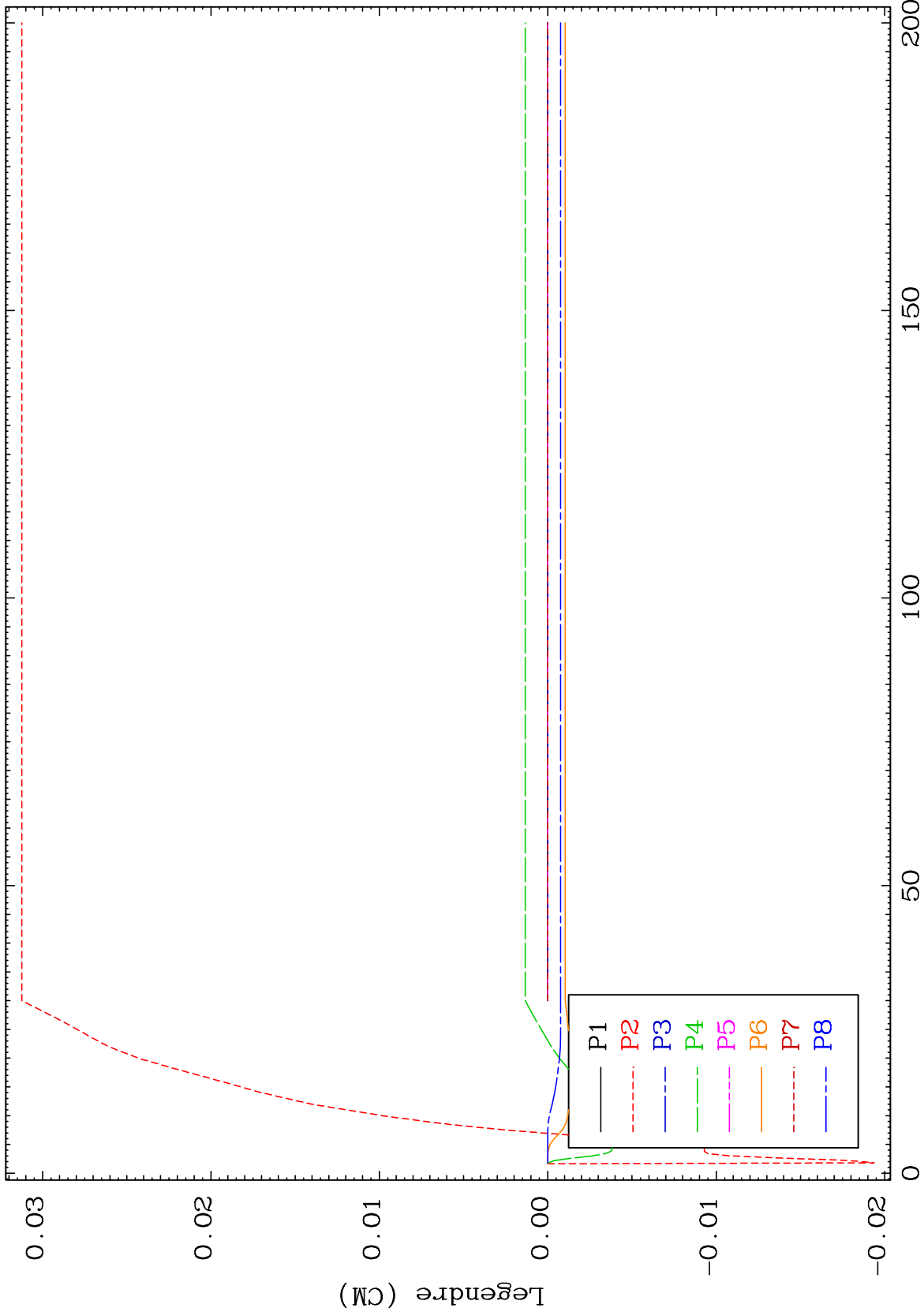


107

MAT 4122

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-92



108

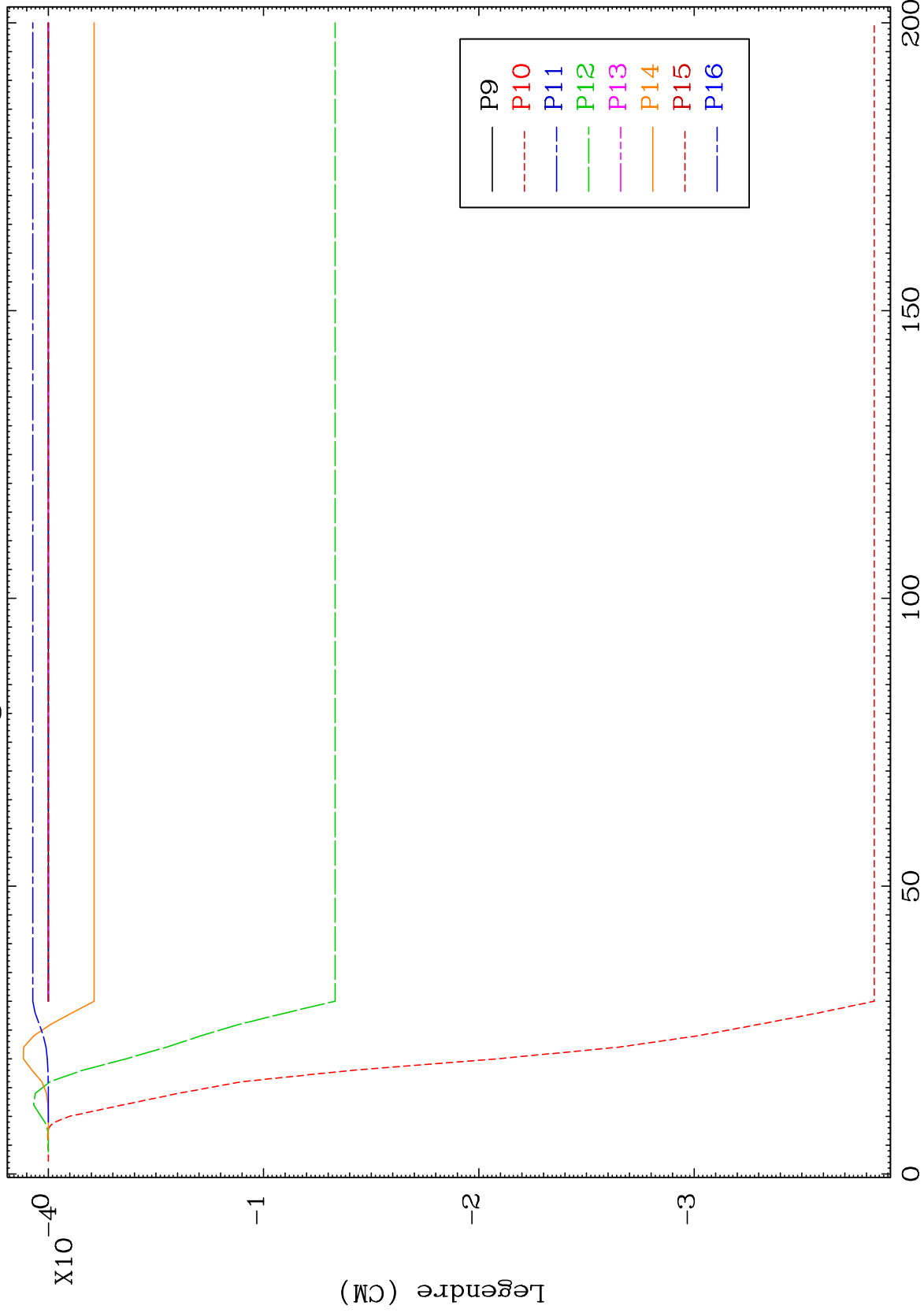
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 76 (n,n') Level
Legendre Coefficients

41-Nb-92



109

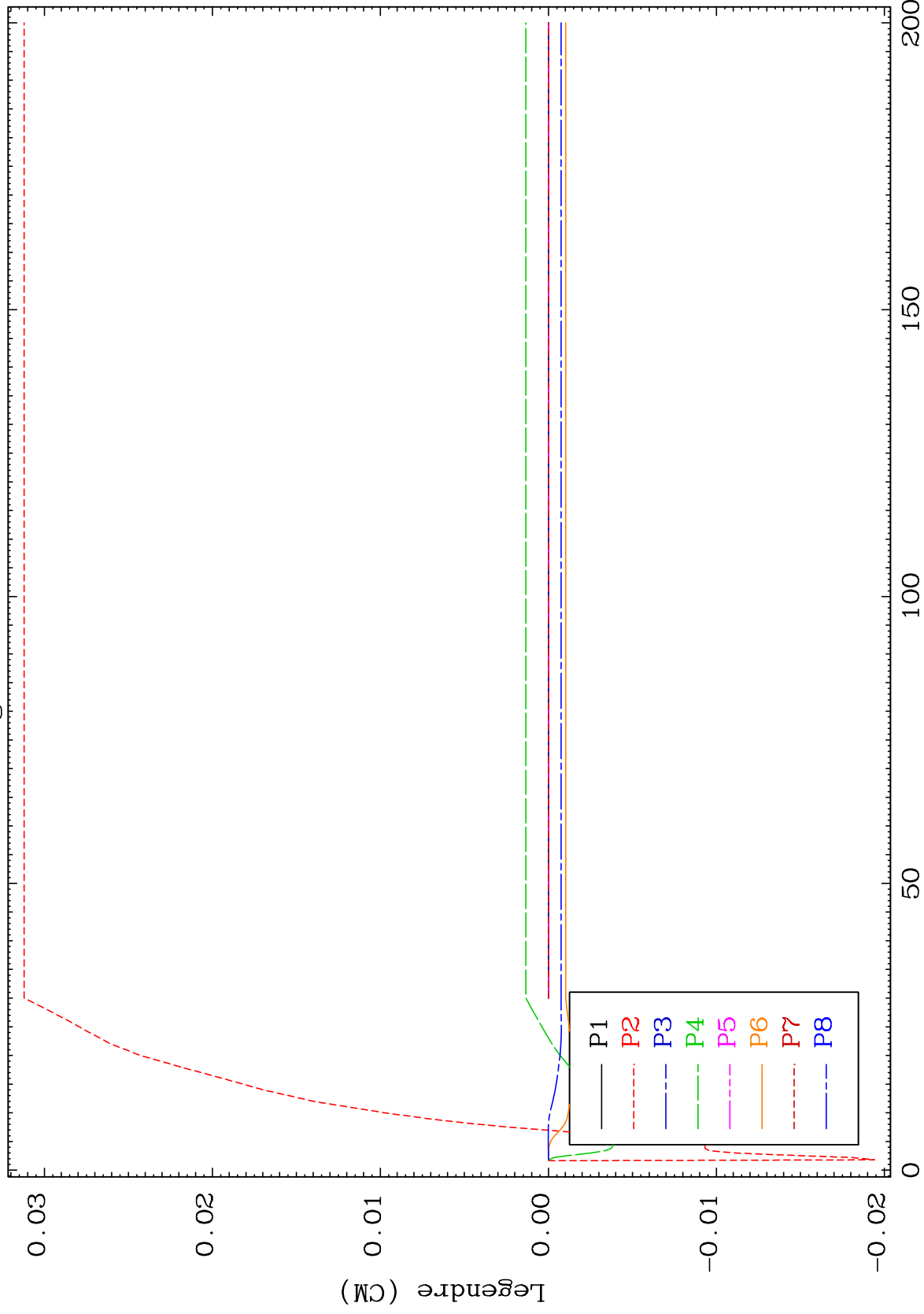
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 77 (n,n') Level
Legendre Coefficients

41-Nb-92



111

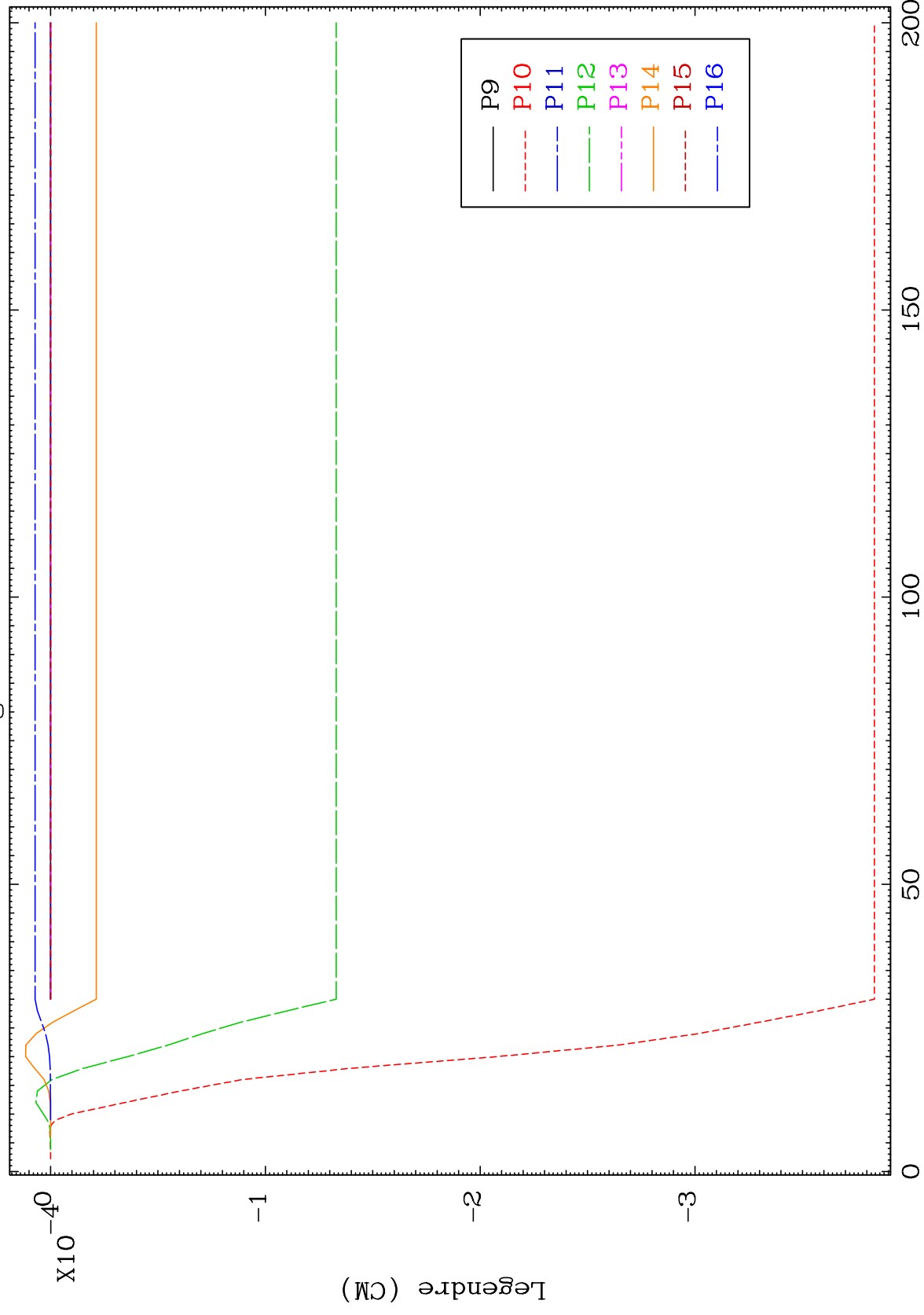
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 77 (n,n') Level
Legendre Coefficients

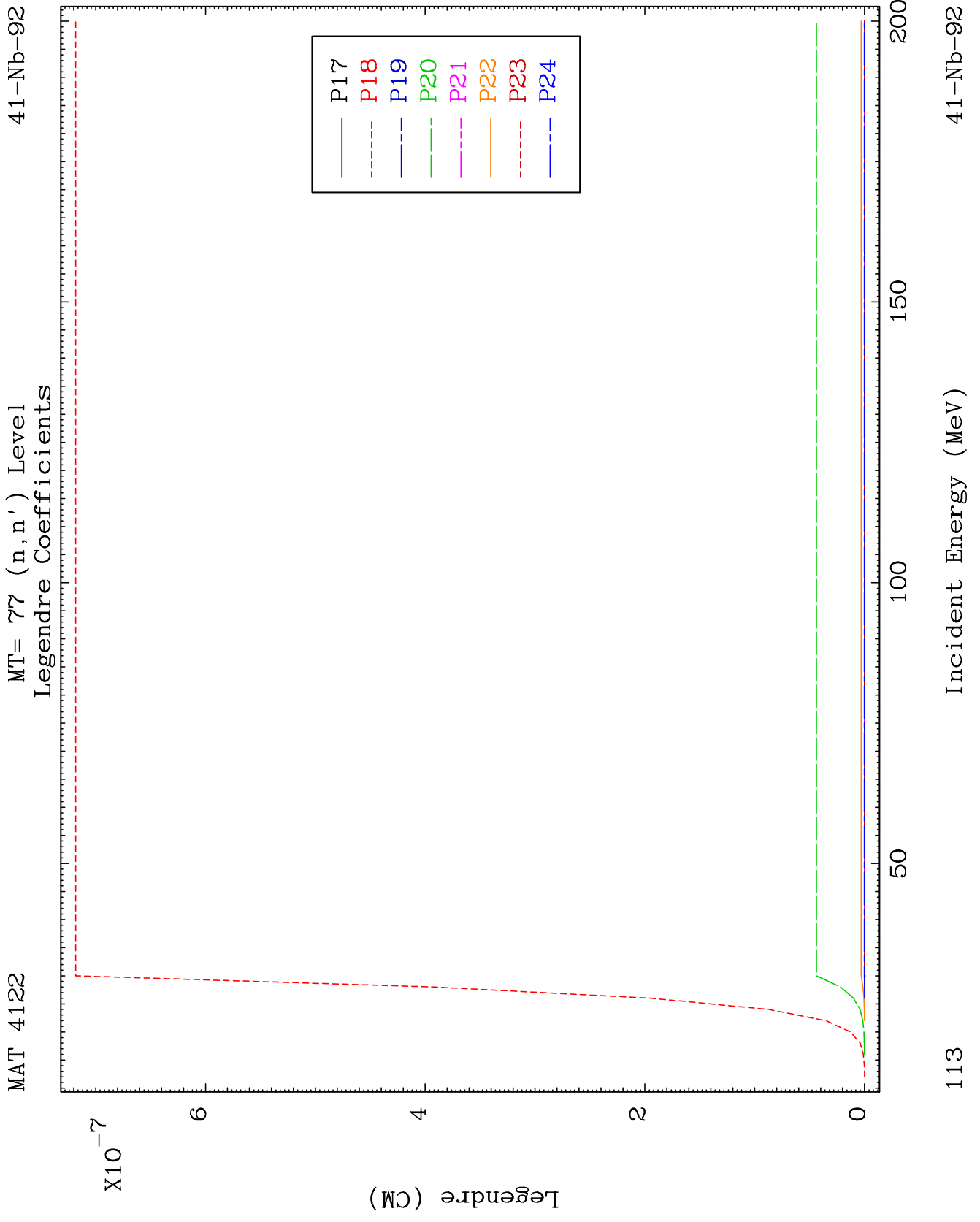
41-Nb-92



112

Incident Energy (MeV)

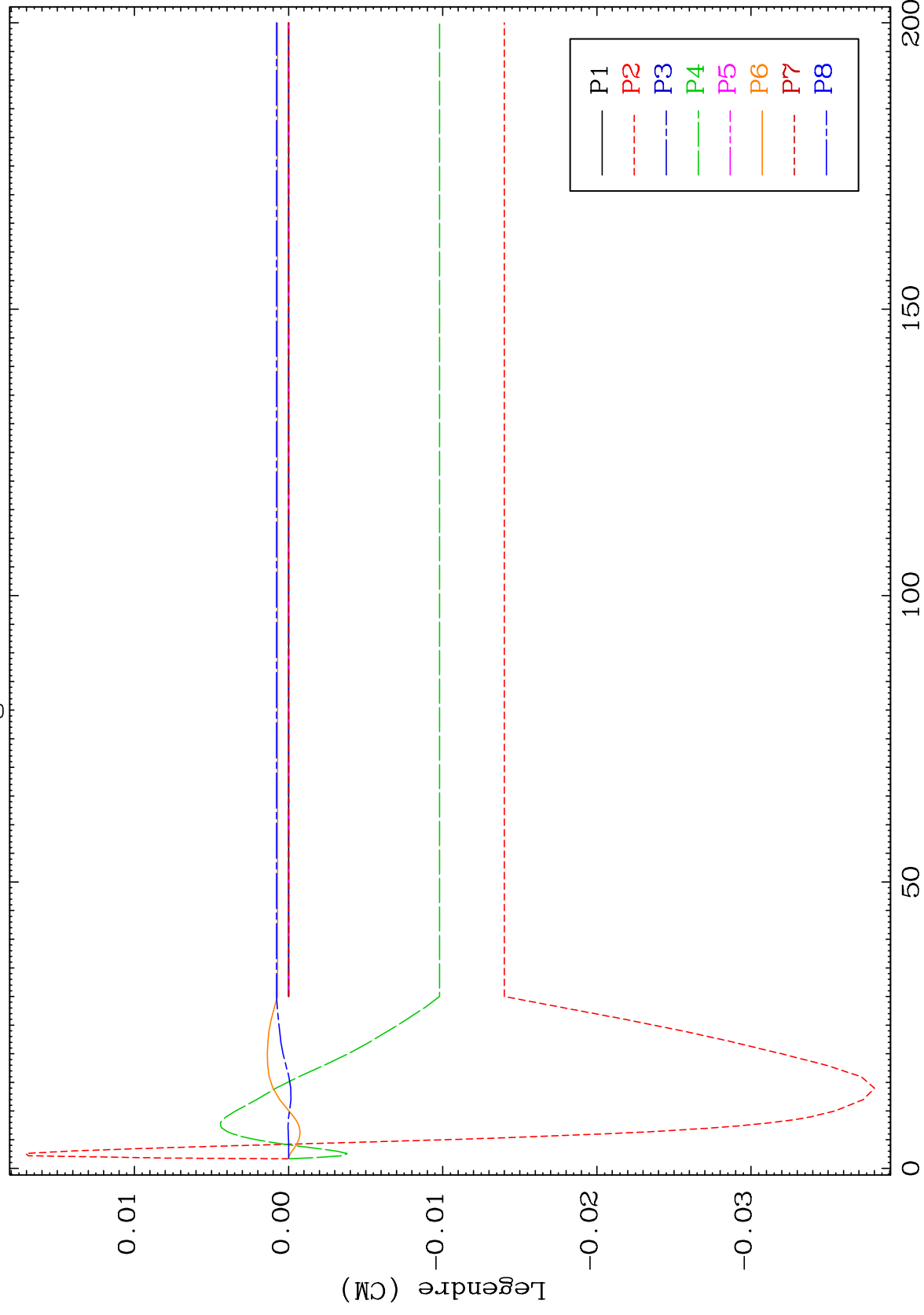
41-Nb-92



MAT 4122

MT= 78 (n,n') Level
Legendre Coefficients

41-Nb-92



114

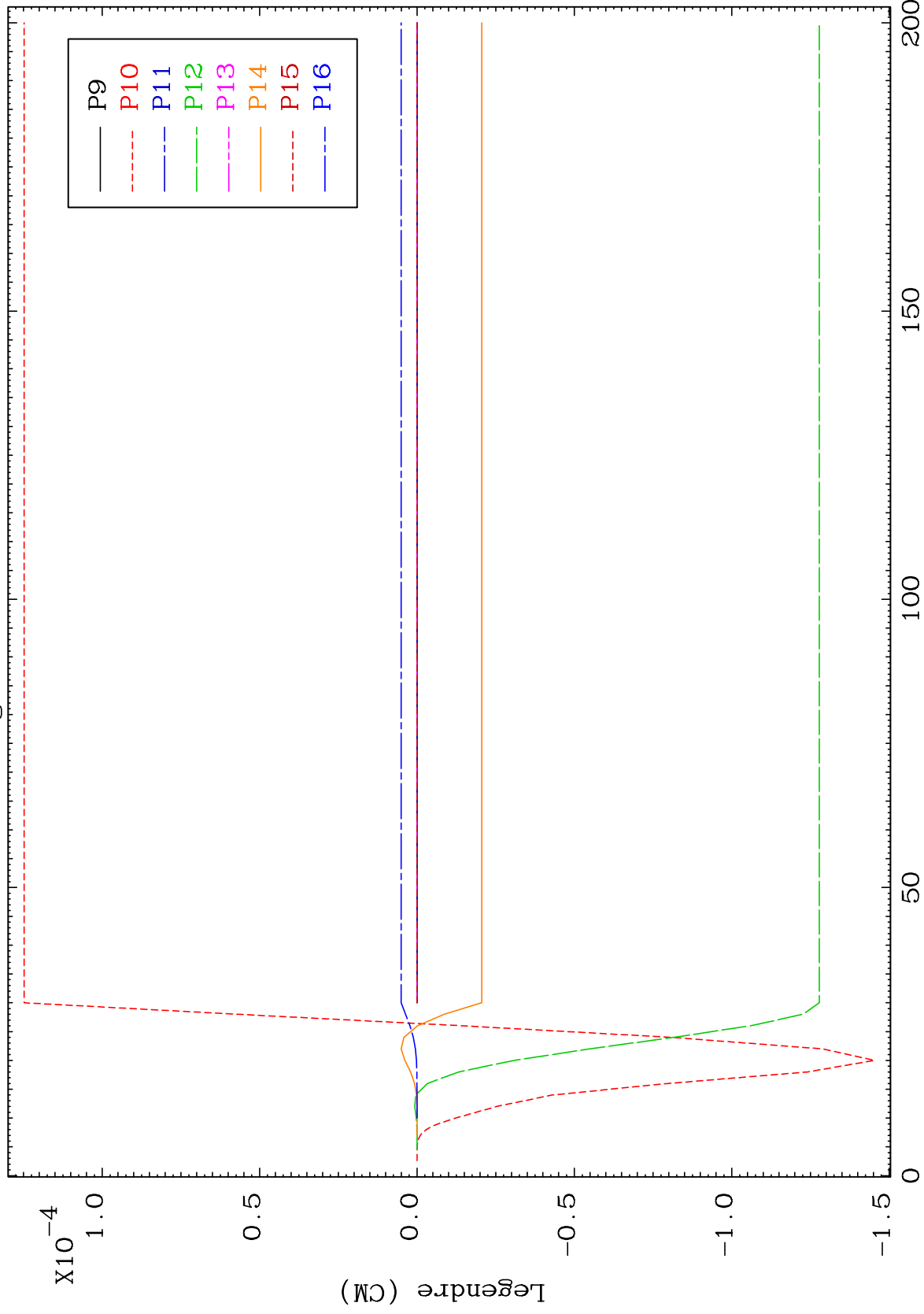
Incident Energy (MeV)

41-Nb-92

MAT 4122

MT= 78 (n,n') Level
Legendre Coefficients

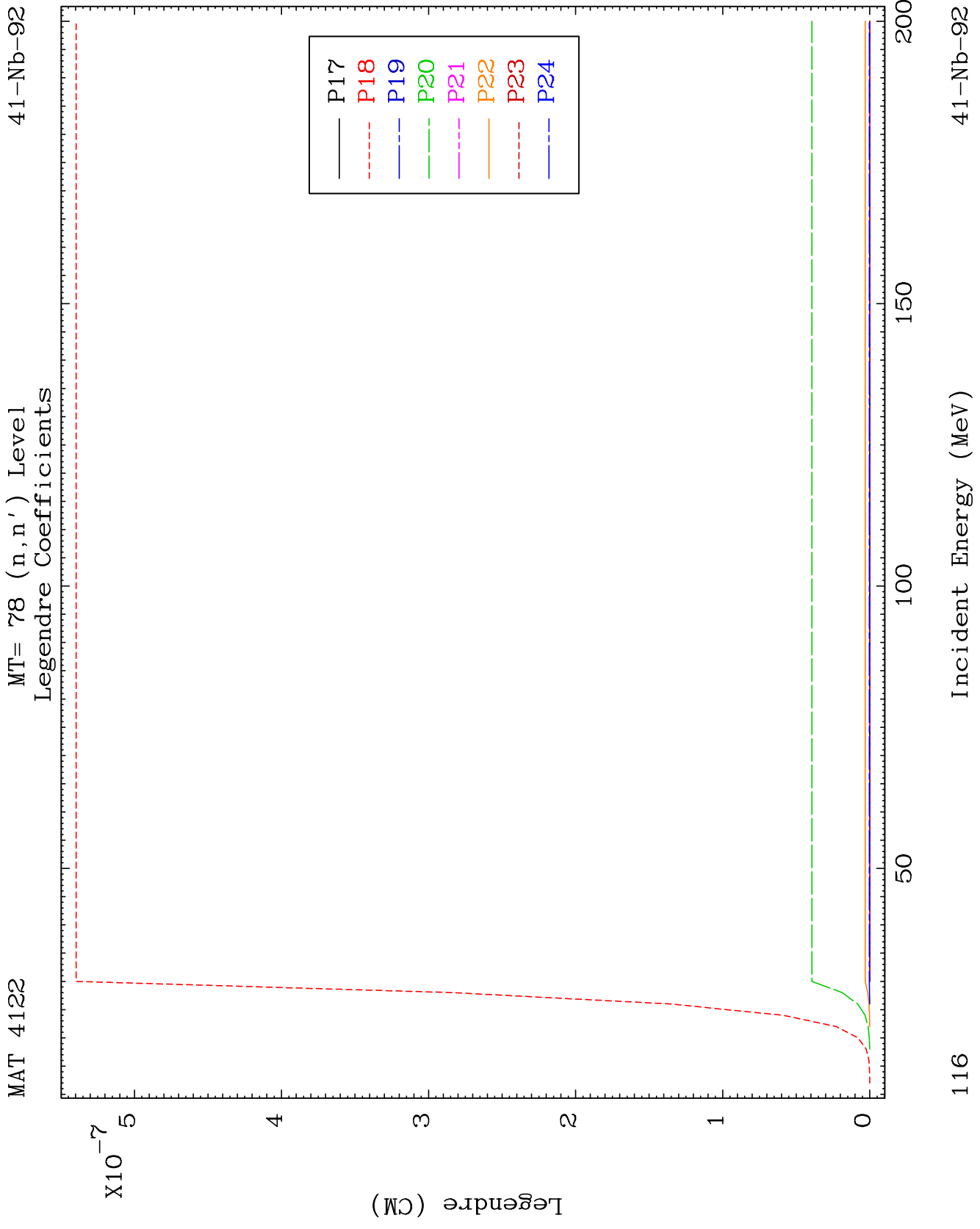
41-Nb-92



115

Incident Energy (MeV)

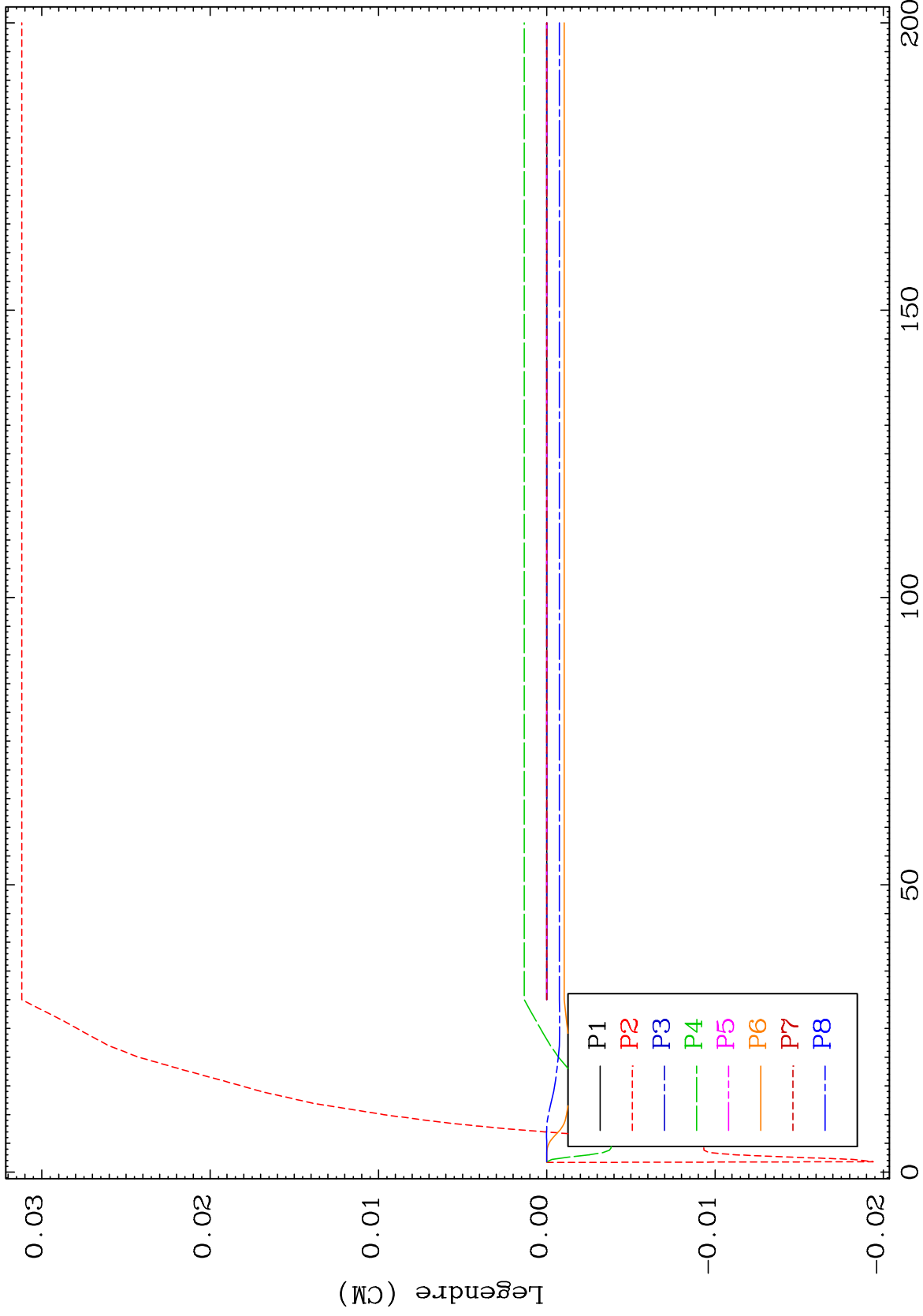
41-Nb-92



MAT 4122

MT= 79 (n,n') Level
Legendre Coefficients

41-Nb-92



117

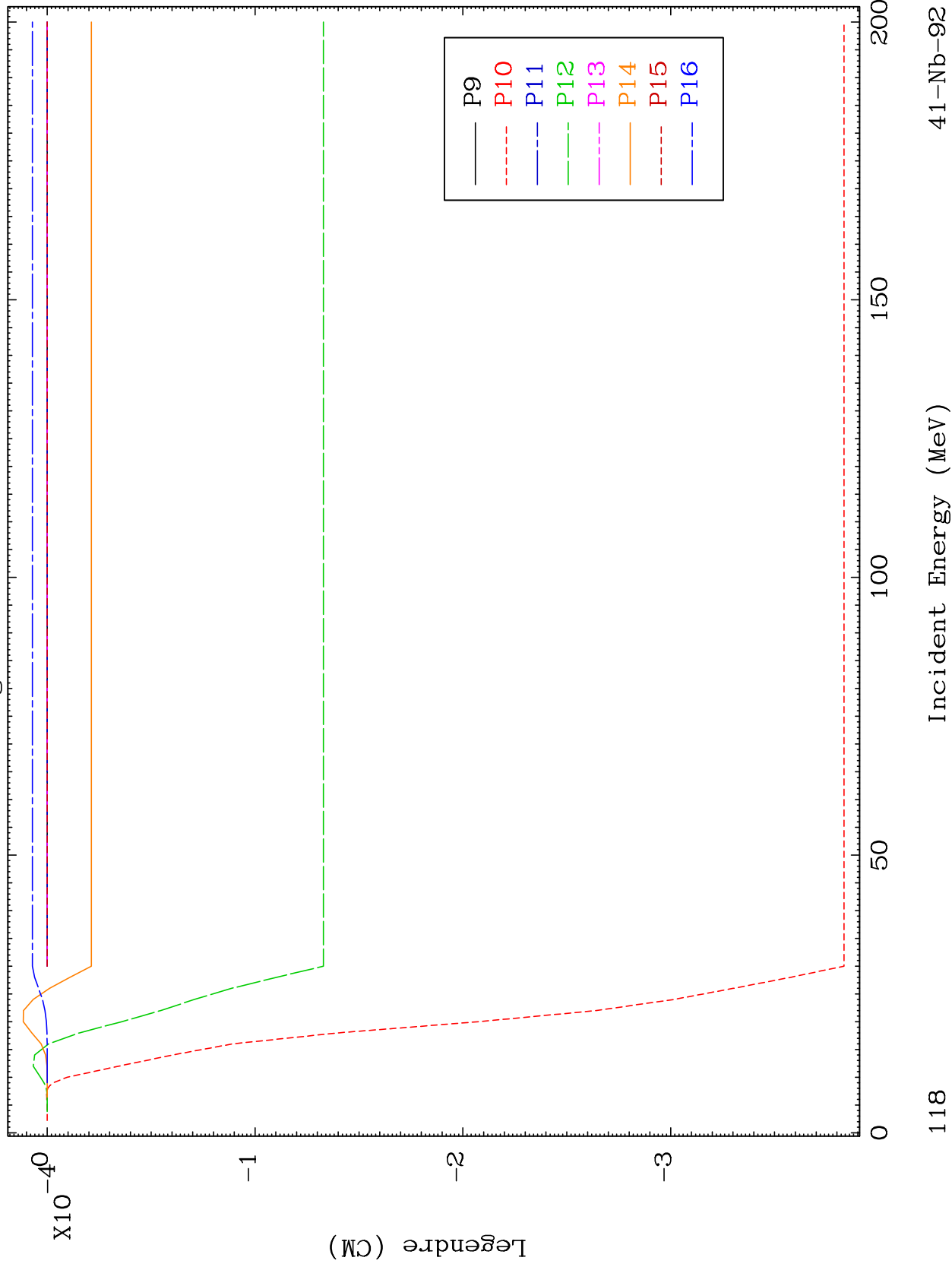
Incident Energy (MeV)

41-Nb-92

MAT 4122

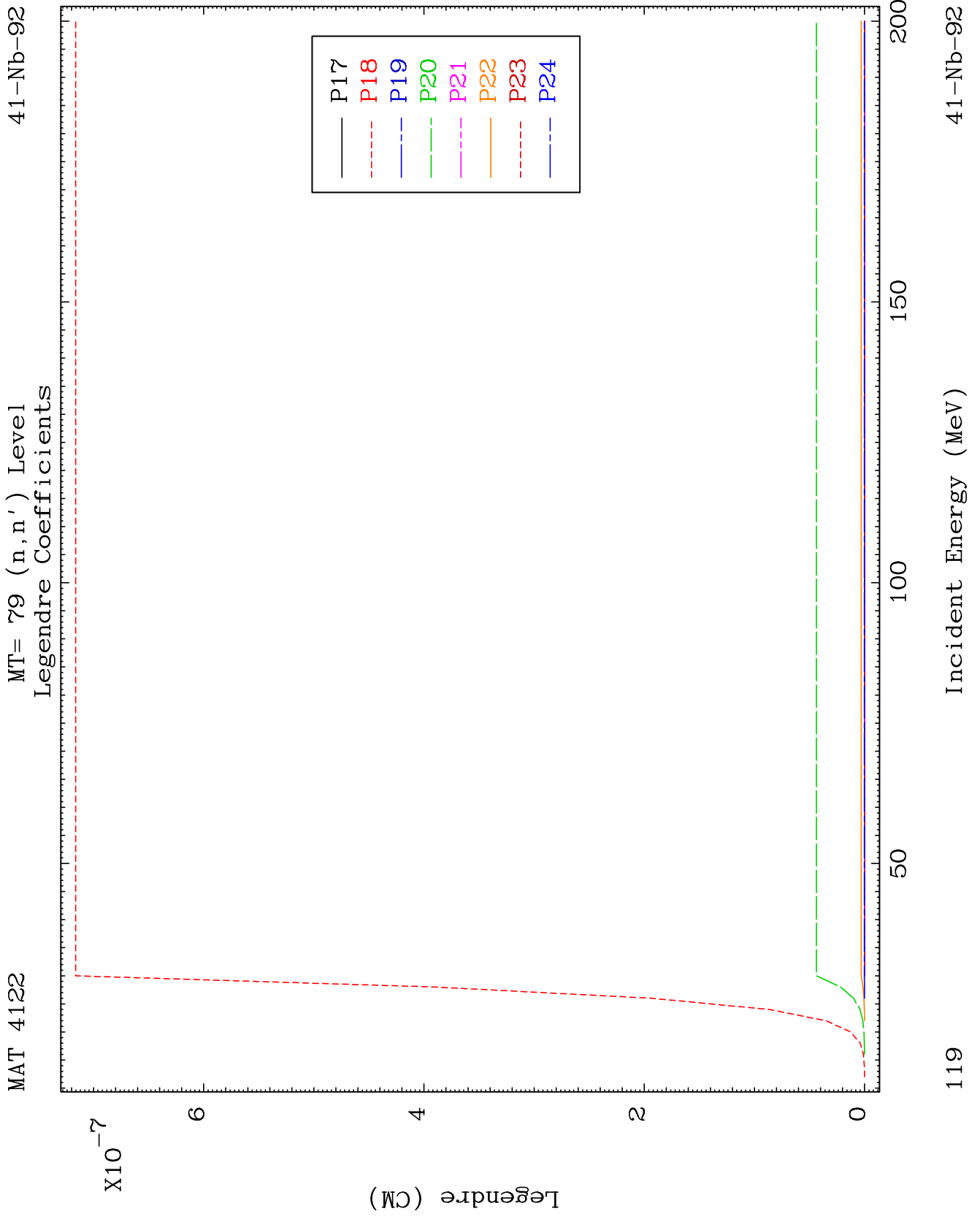
41-Nb-92

MT= 79 (n,n') Level
Legendre Coefficients



118

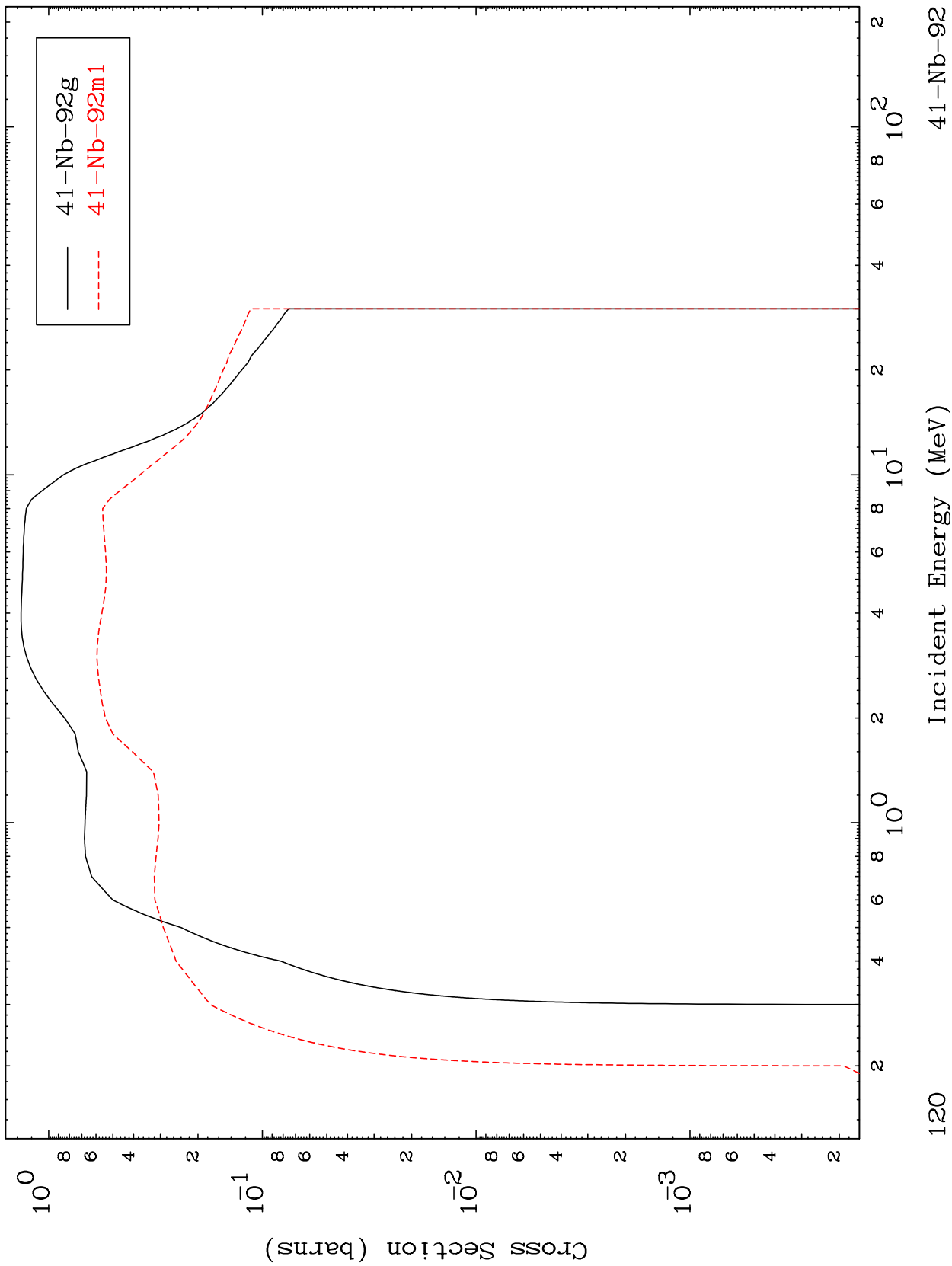
41-Nb-92



MAT 4122

41-Nb-92

Inelastic
Radionuclide Production Cross Section



120

Incident Energy (MeV)

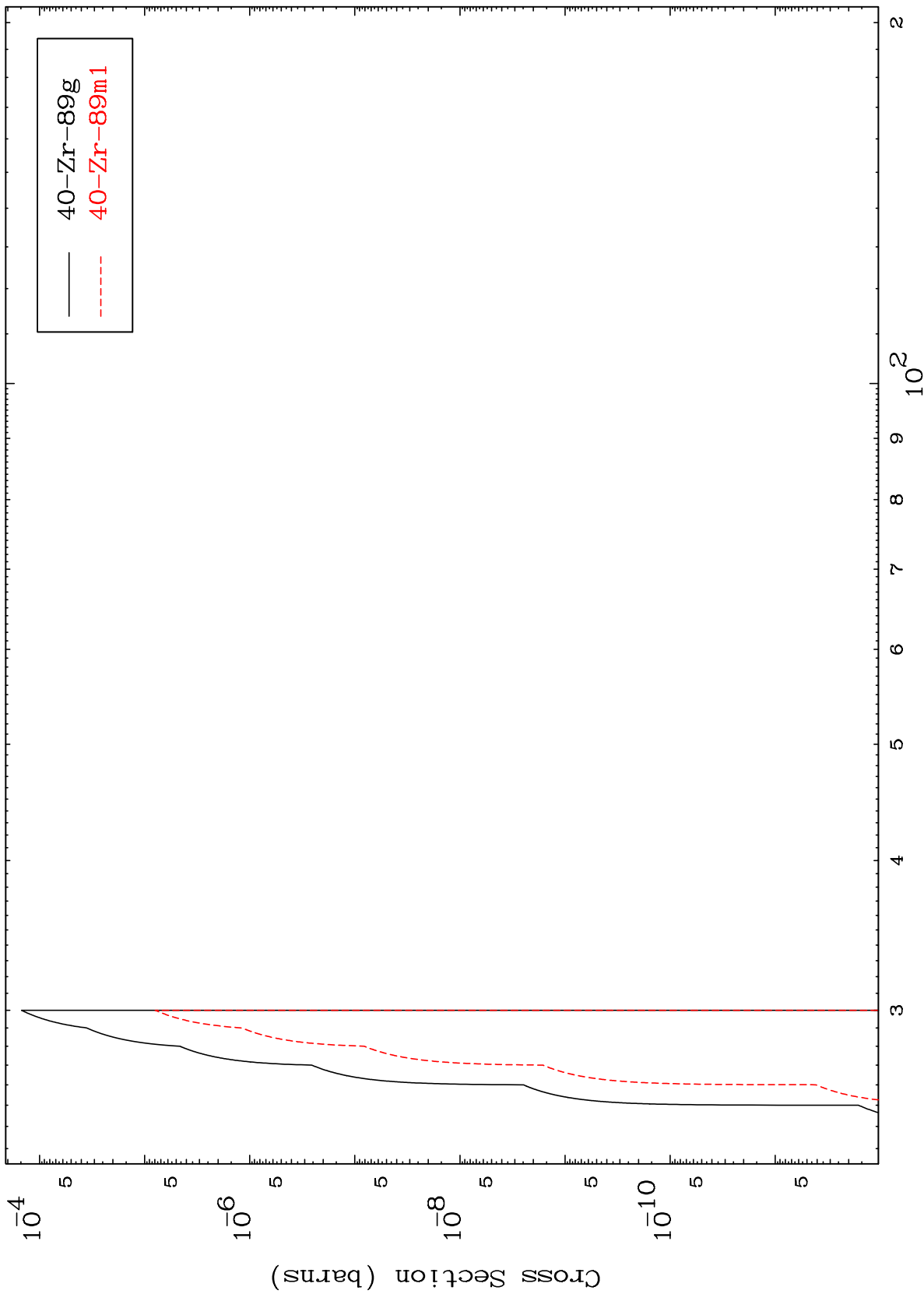
41-Nb-92

MAT 4122

(n,2n) d

41-Nb-92

Radionuclide Production Cross Section



121

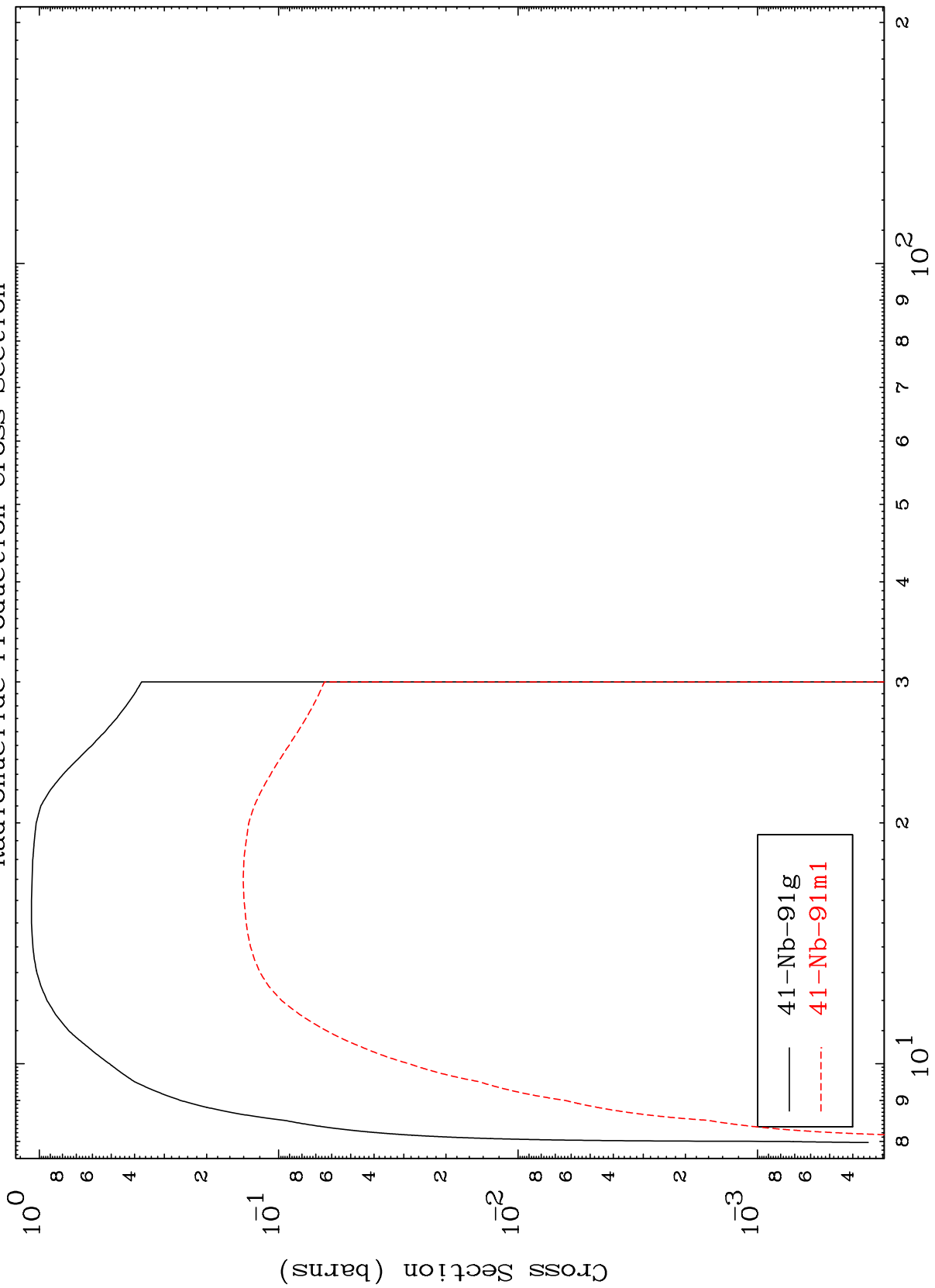
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

(n,2n)
Radionuclide Production Cross Section



41-Nb-91g
41-Nb-91m1

41-Nb-92

Incident Energy (MeV)

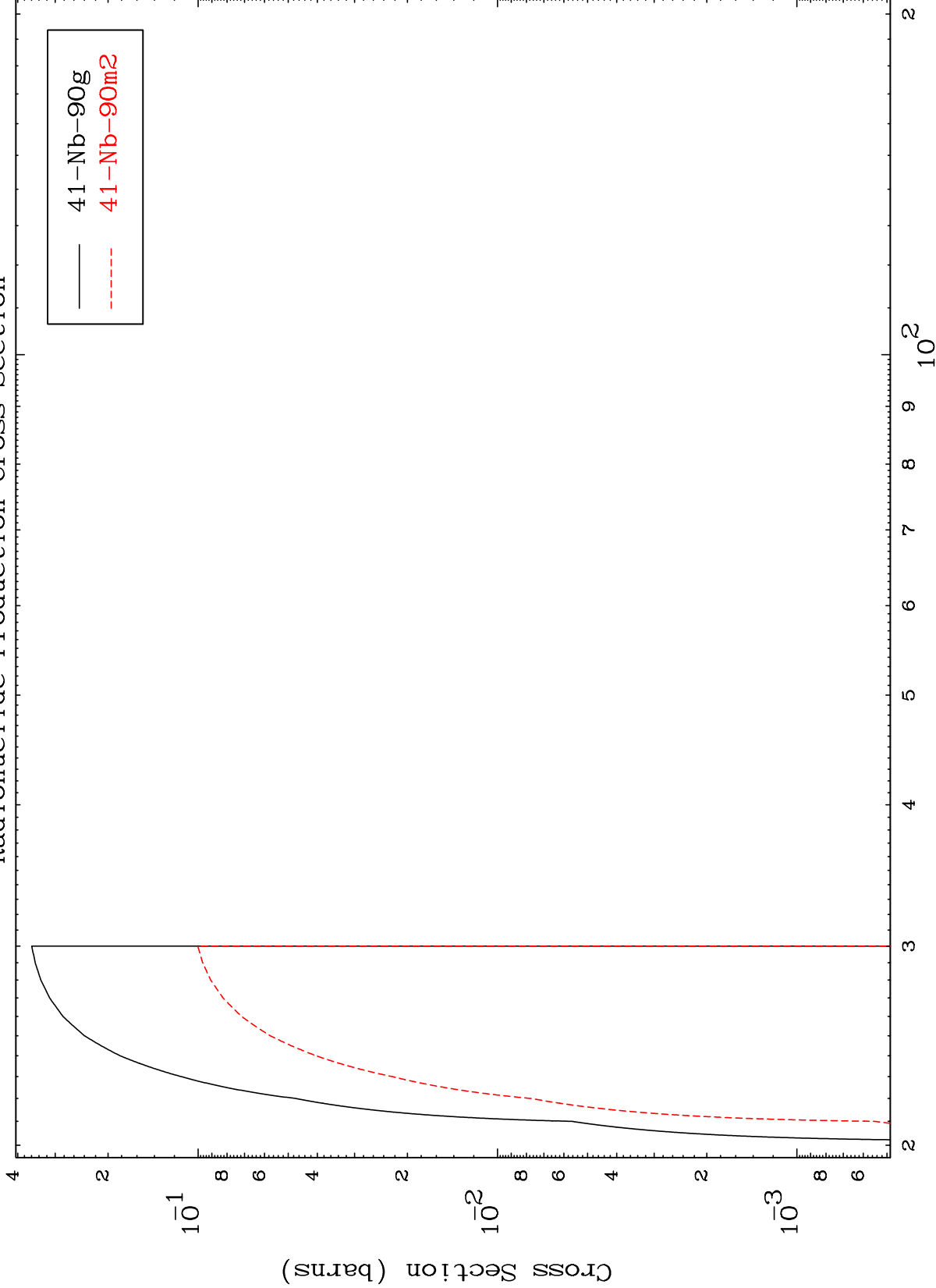
122

MAT 4122

(n,3n)

41-Nb-92

Radionuclide Production Cross Section



41-Nb-90g
41-Nb-90m2

123

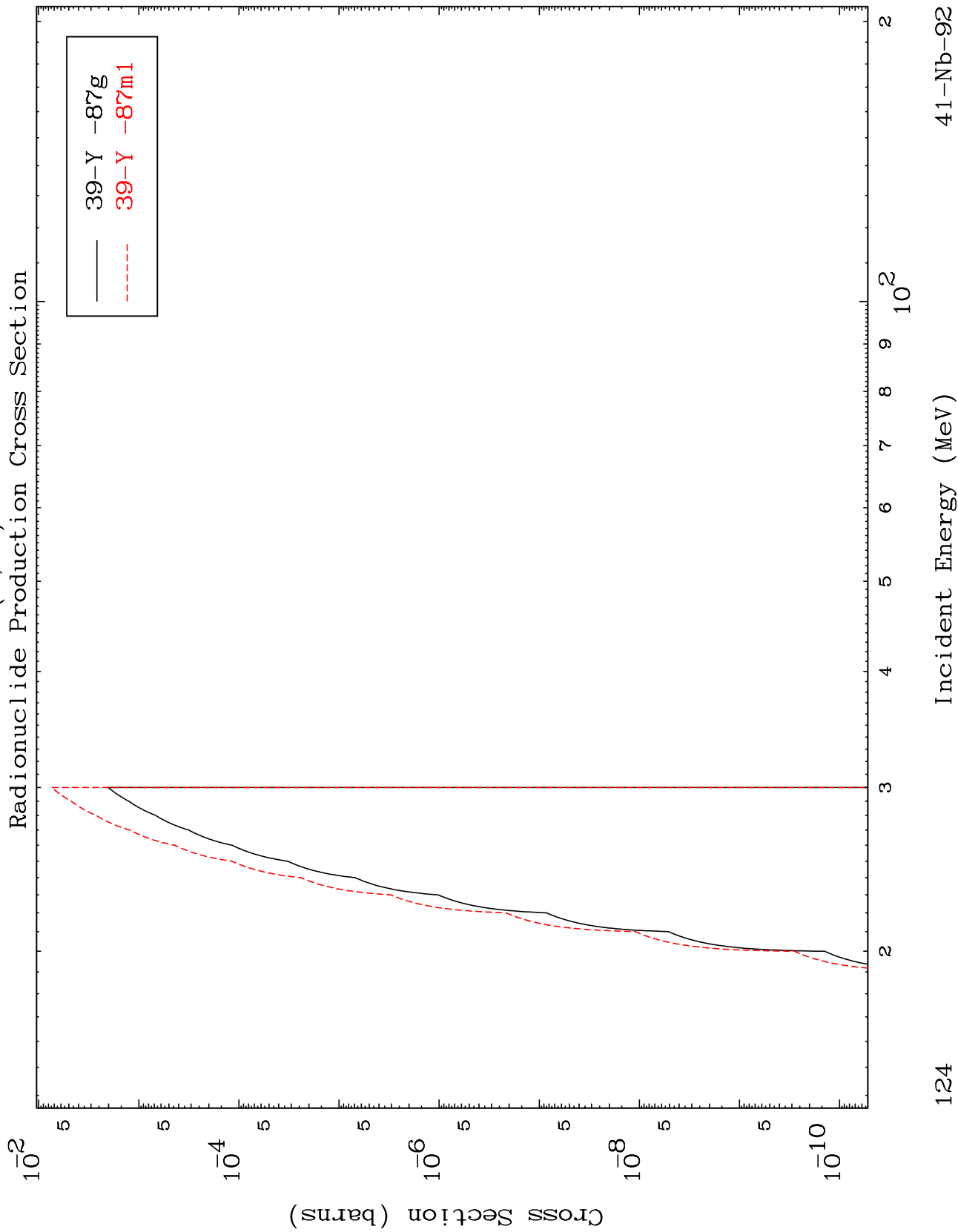
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,2n) α

41-Nb-92



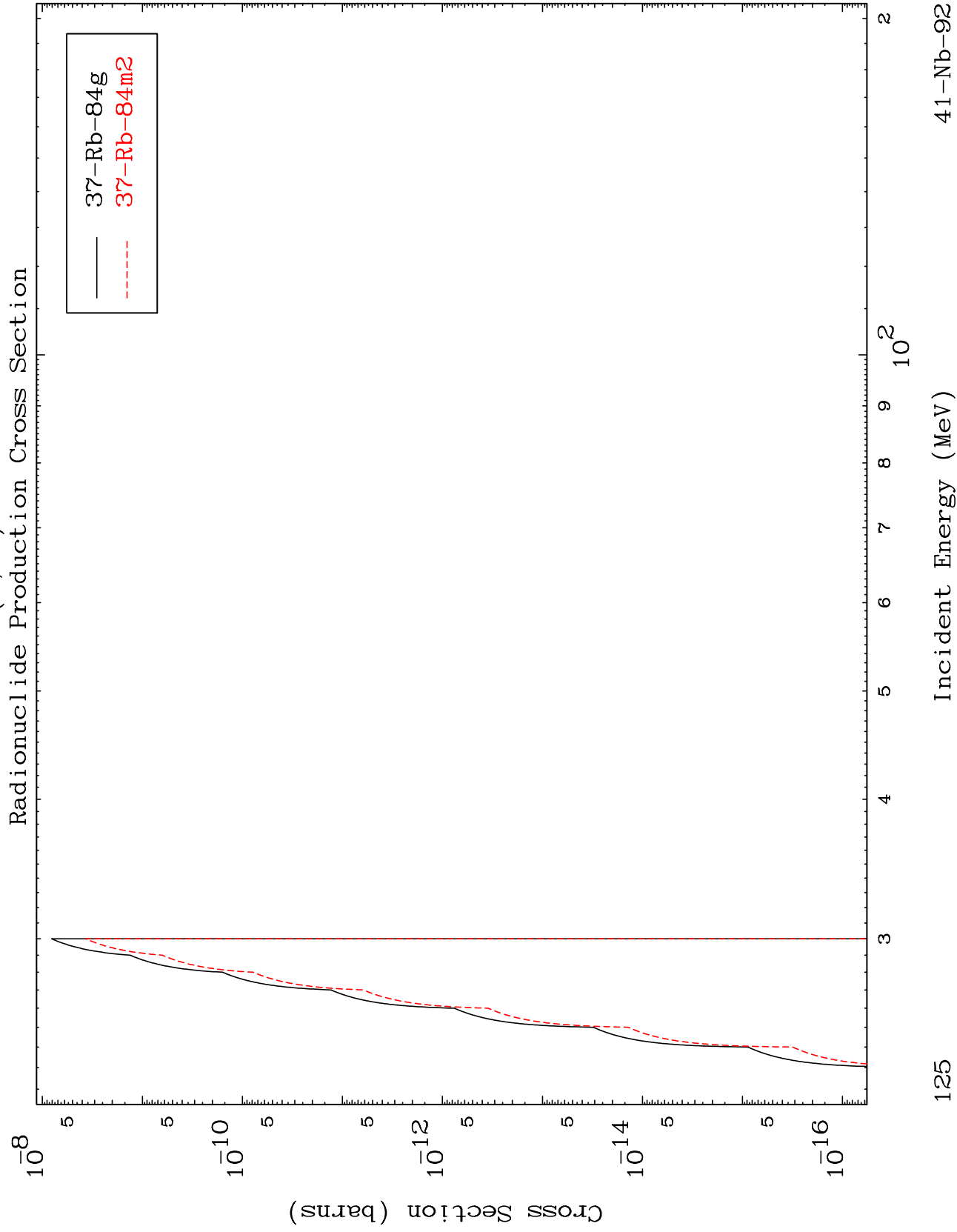
124

41-Nb-92

MAT 4122

(n,n') 2 α

41-Nb-92

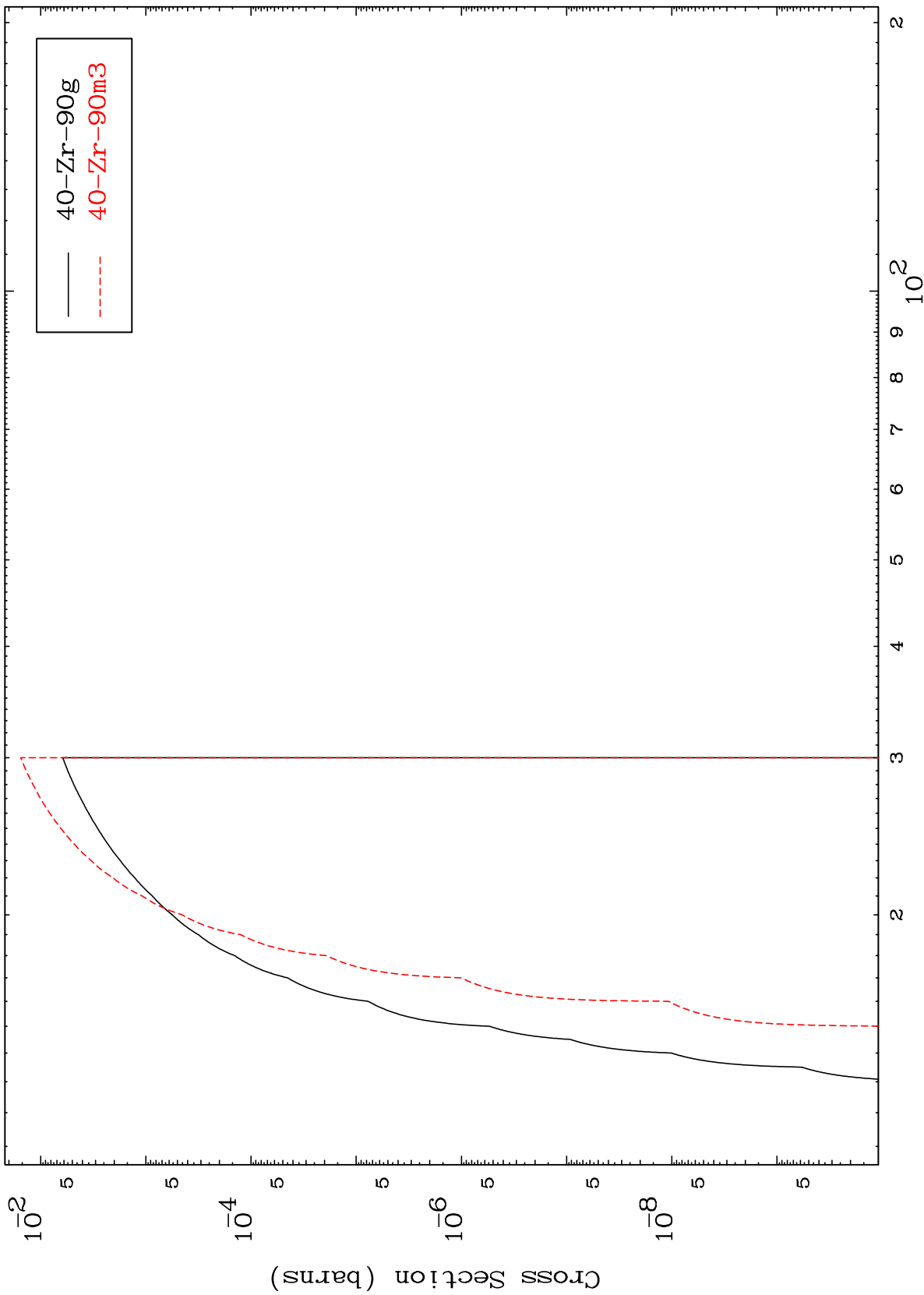


125

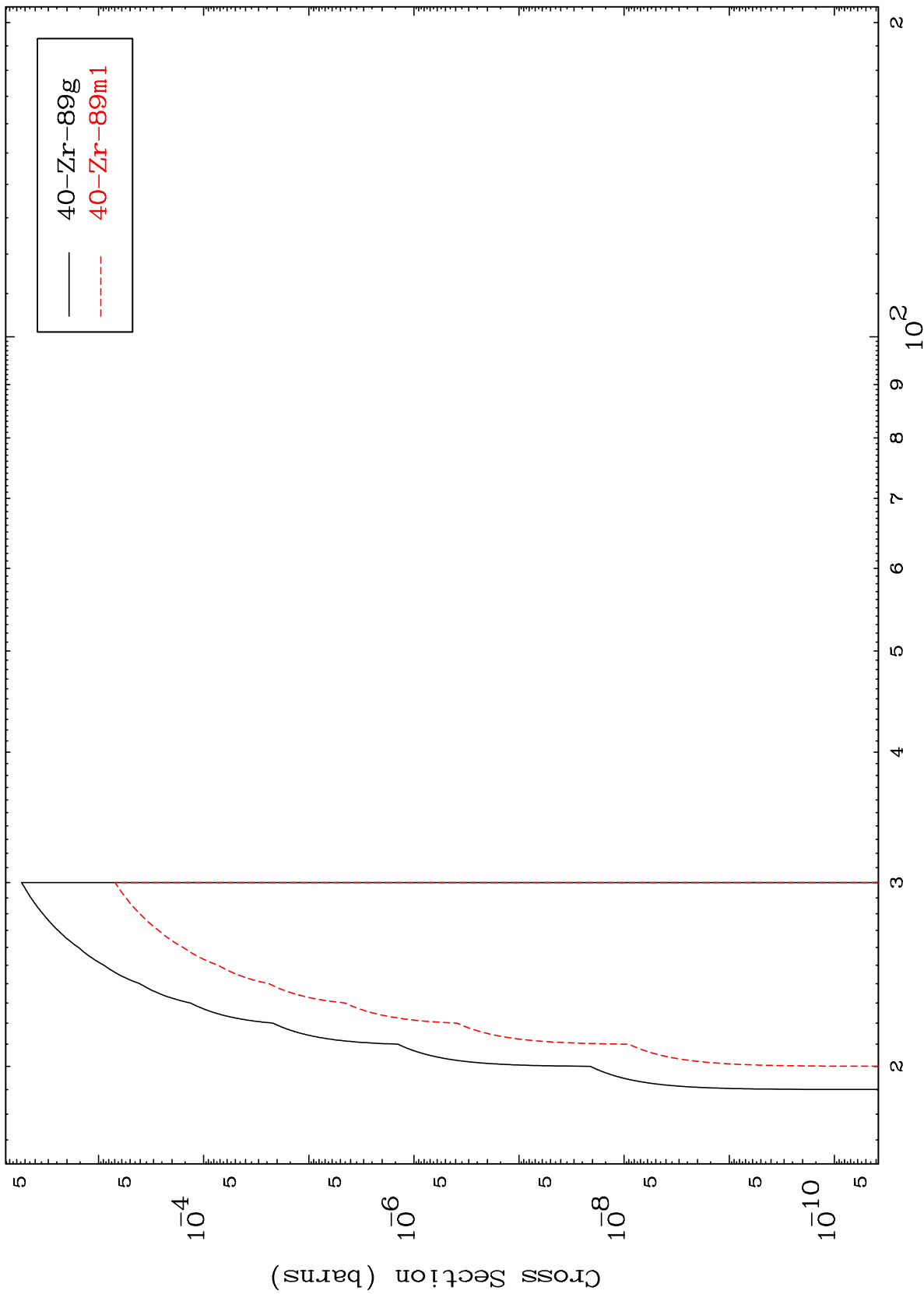
Incident Energy (MeV)

41-Nb-92

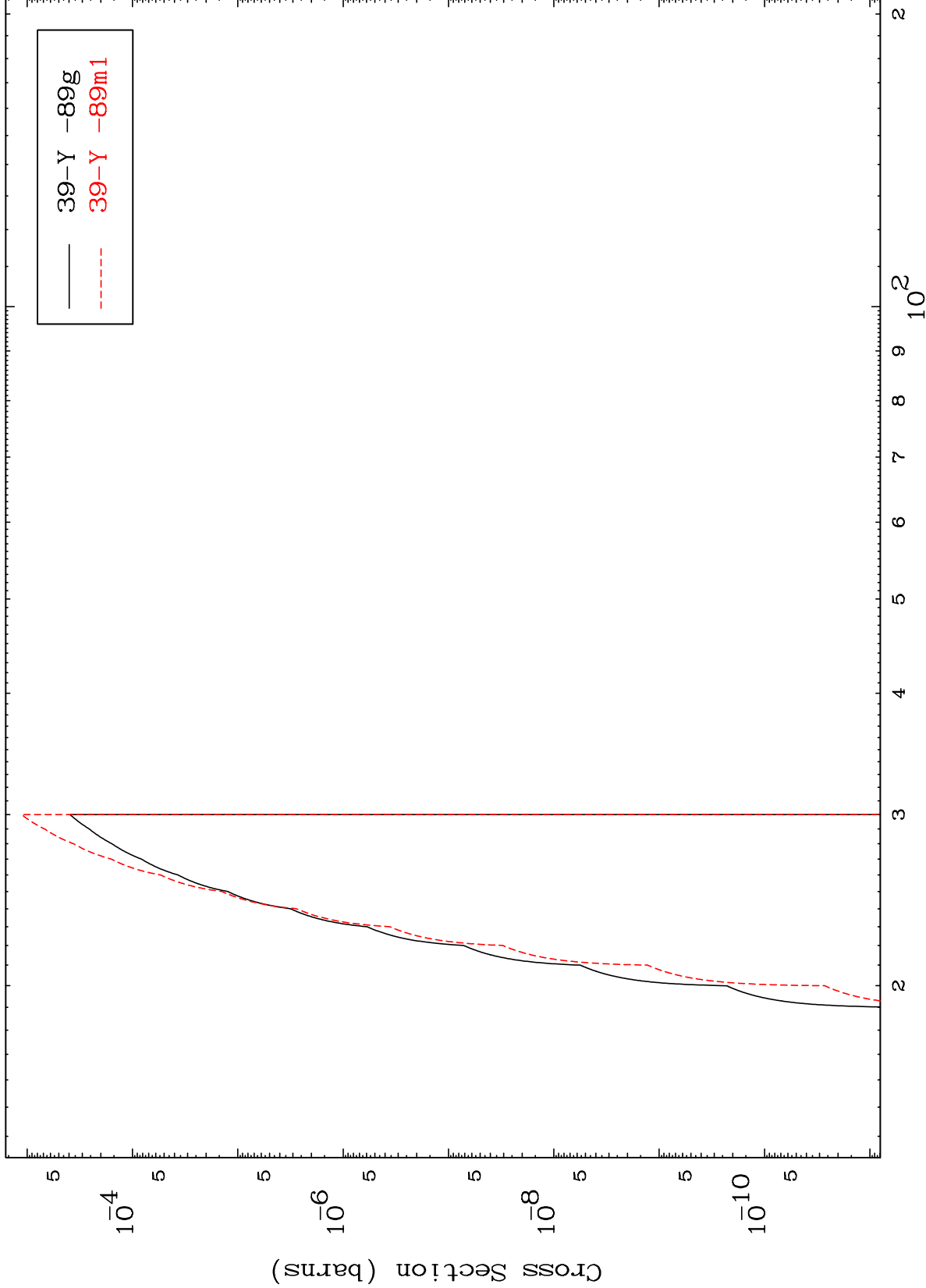
Radionuclide Production Cross Section



Radionuclide Production Cross Section

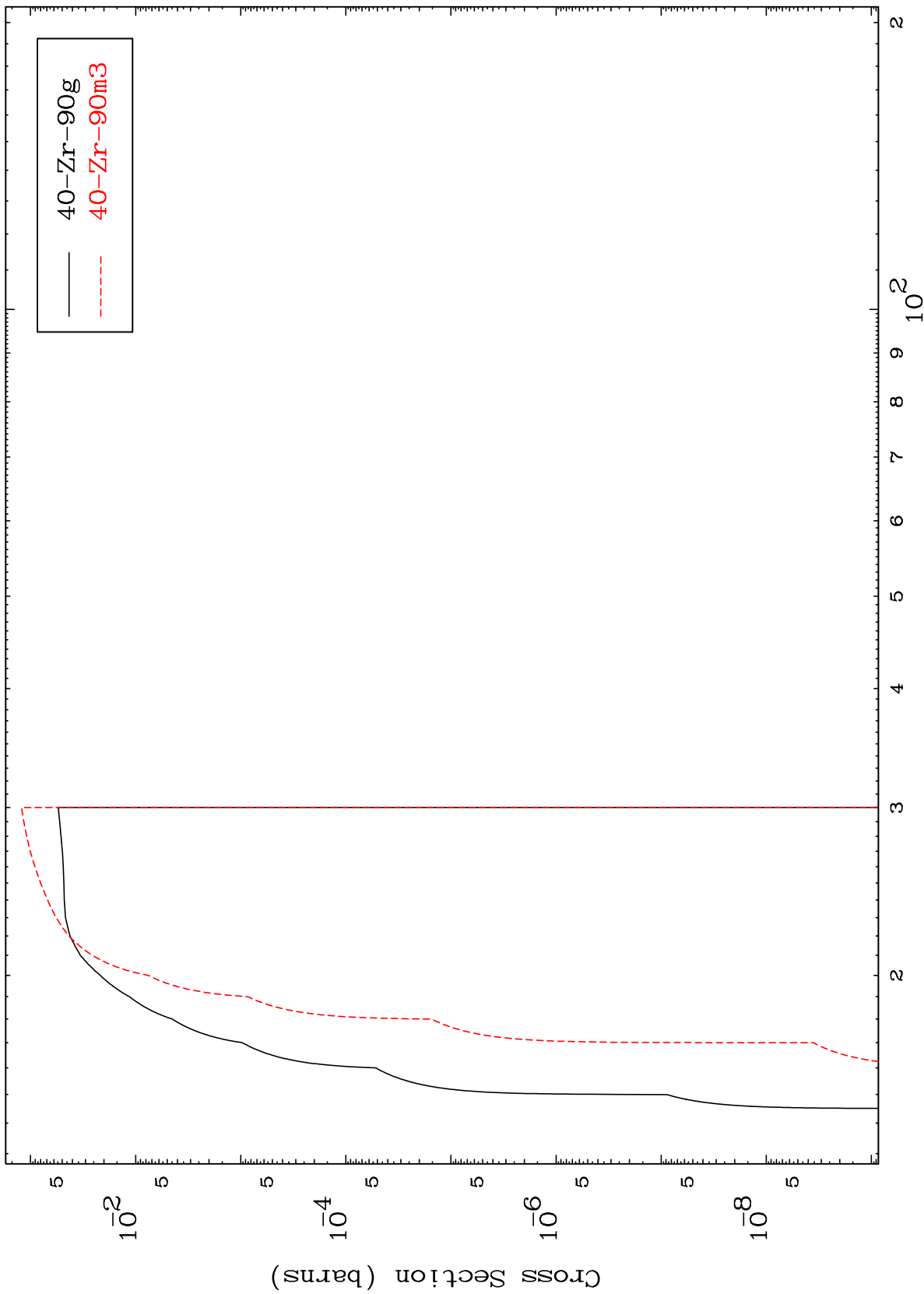


Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

Radionuclide Production Cross Section

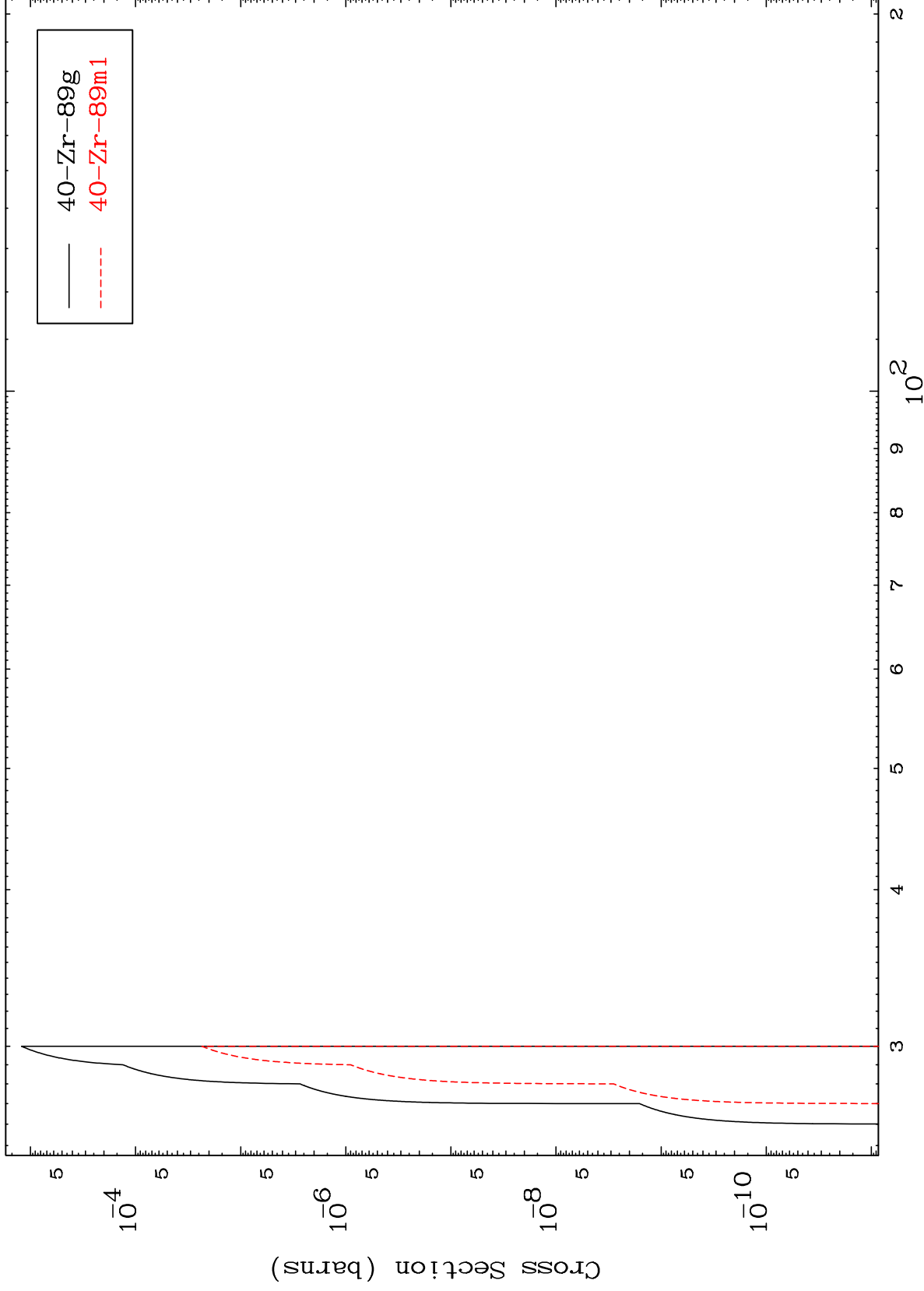


MAT 4122

(n,3n) p

41-Nb-92

Radionuclide Production Cross Section

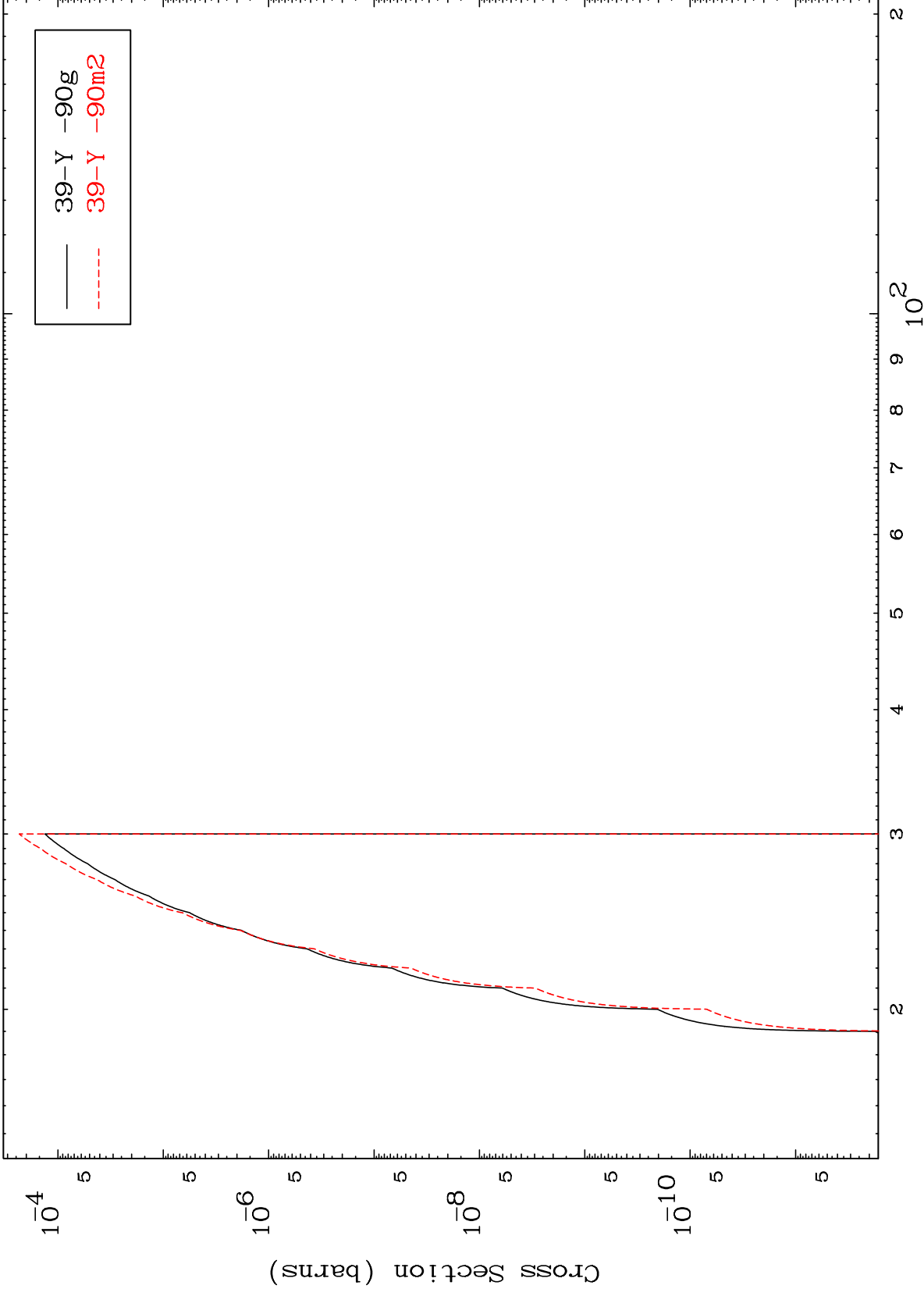


130

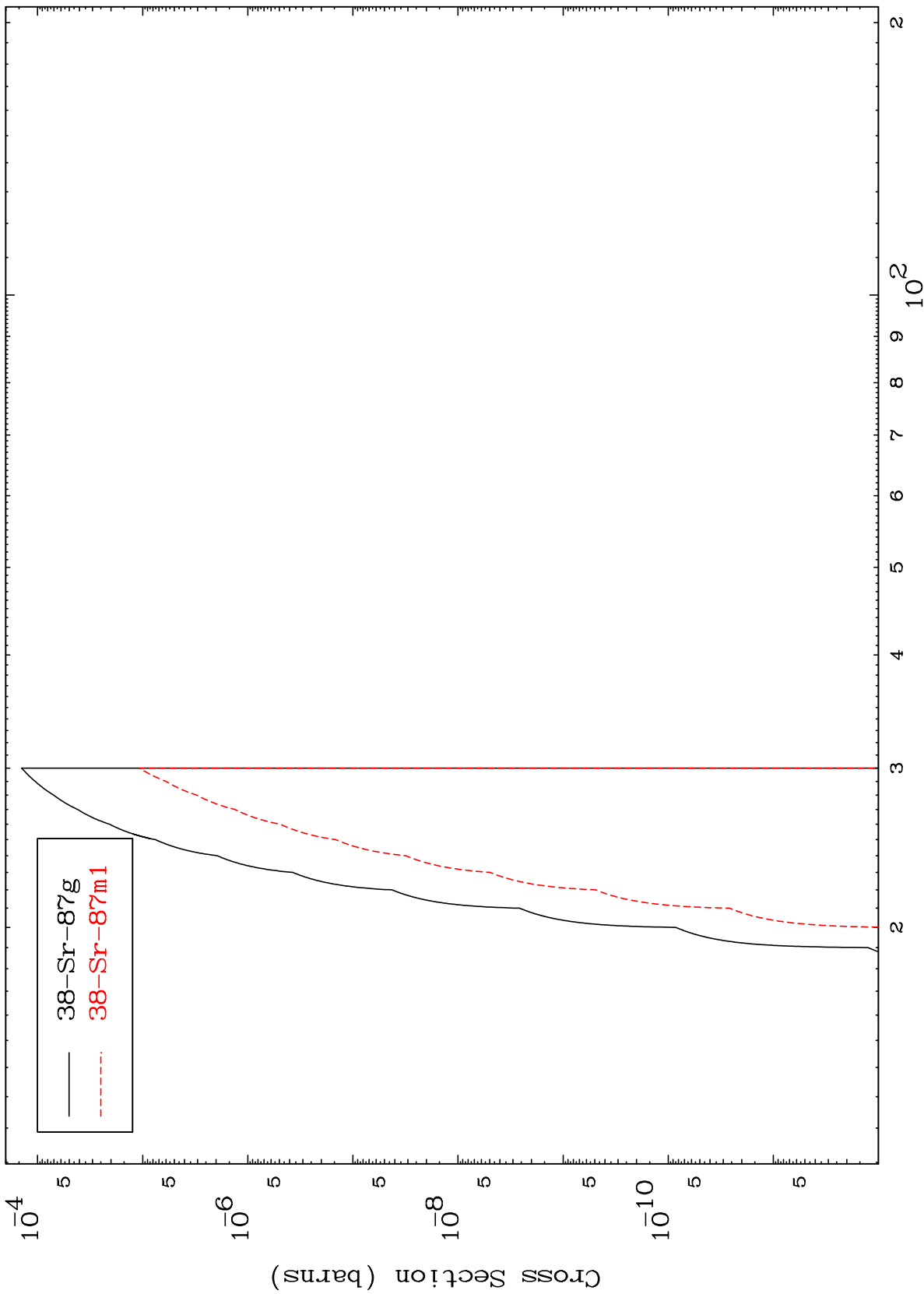
Incident Energy (MeV)

41-Nb-92

Radionuclide Production Cross Section



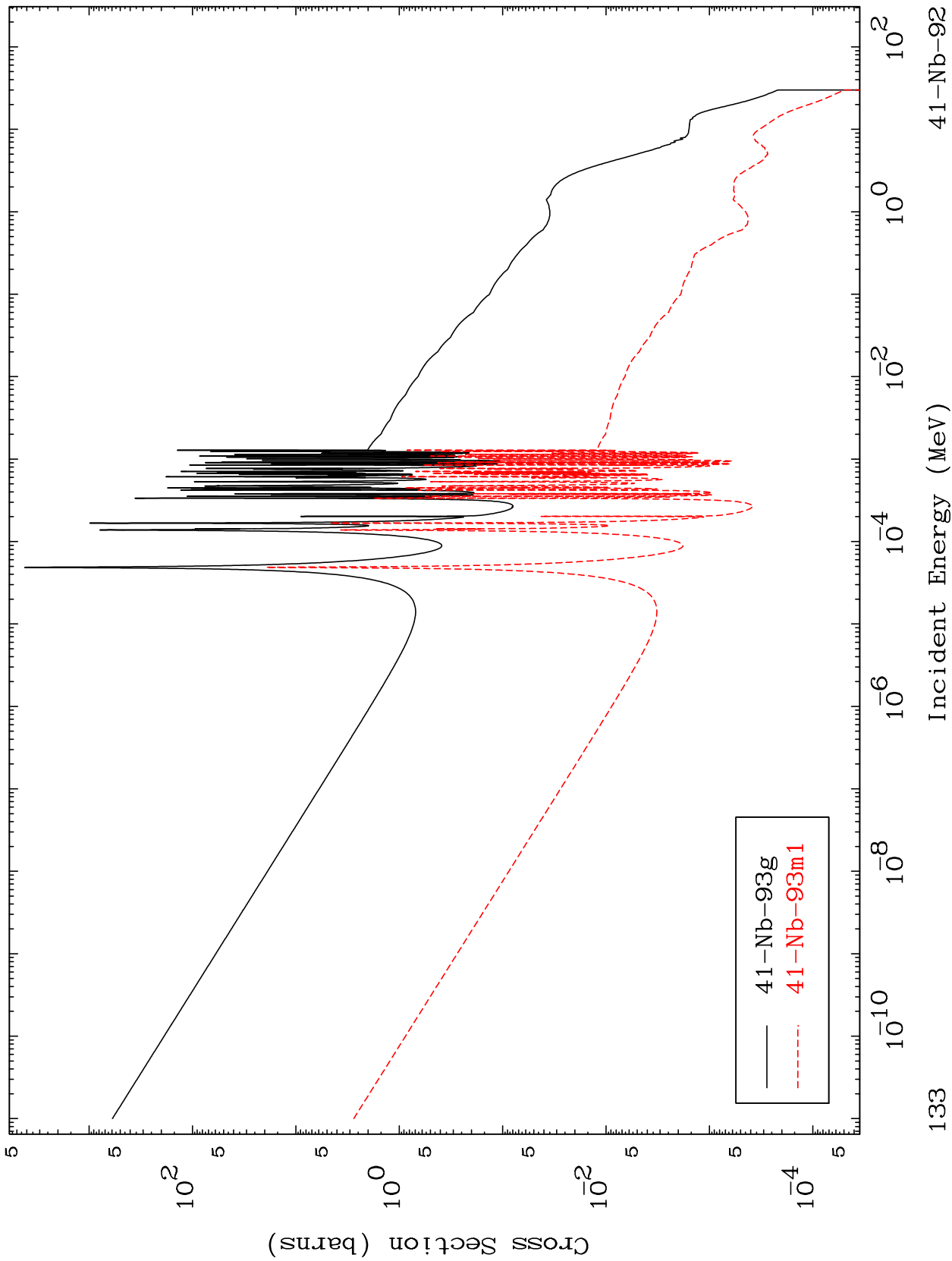
Radionuclide Production Cross Section



MAT 4122

41-Nb-92

(n, γ)
Radionuclide Production Cross Section

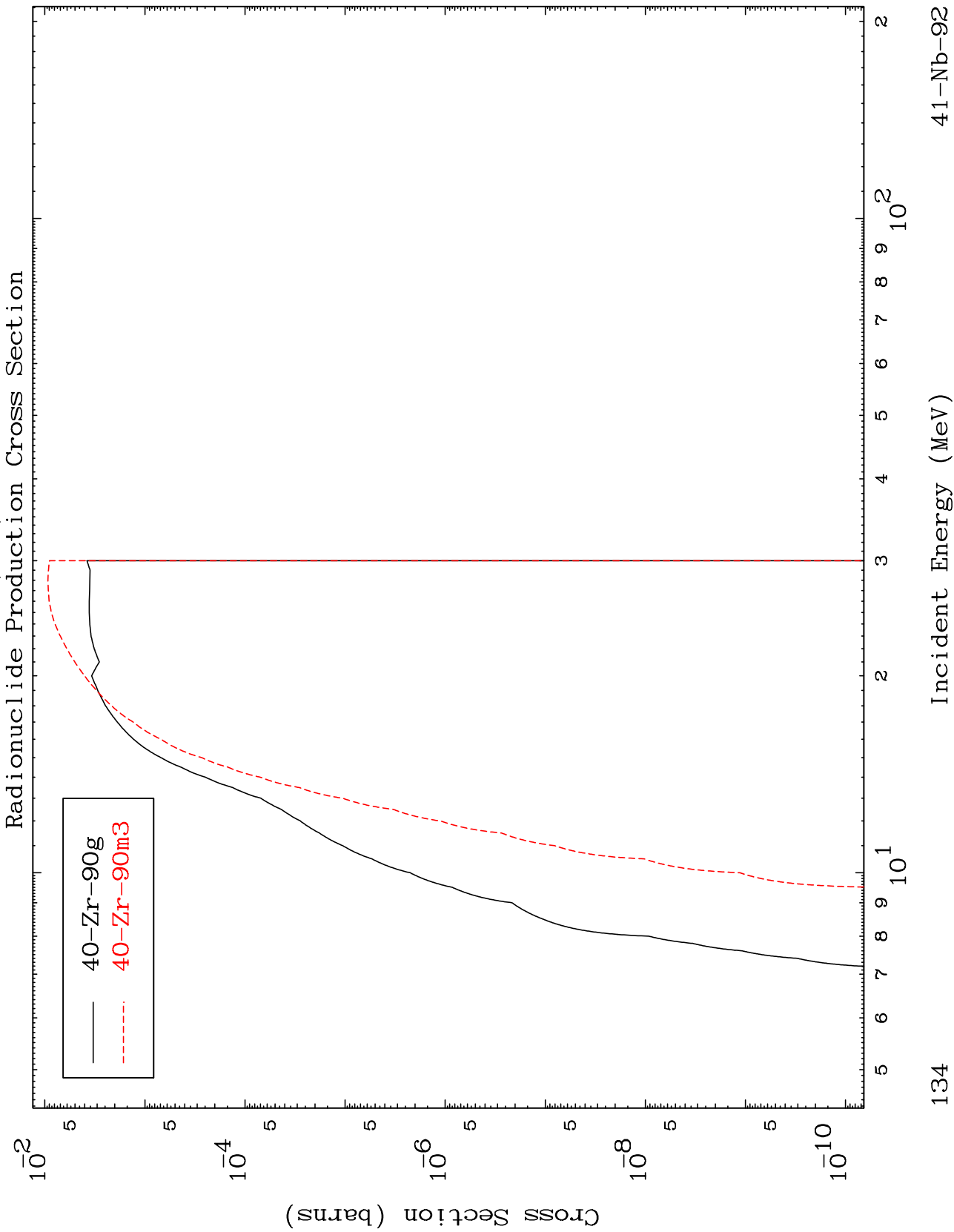


133

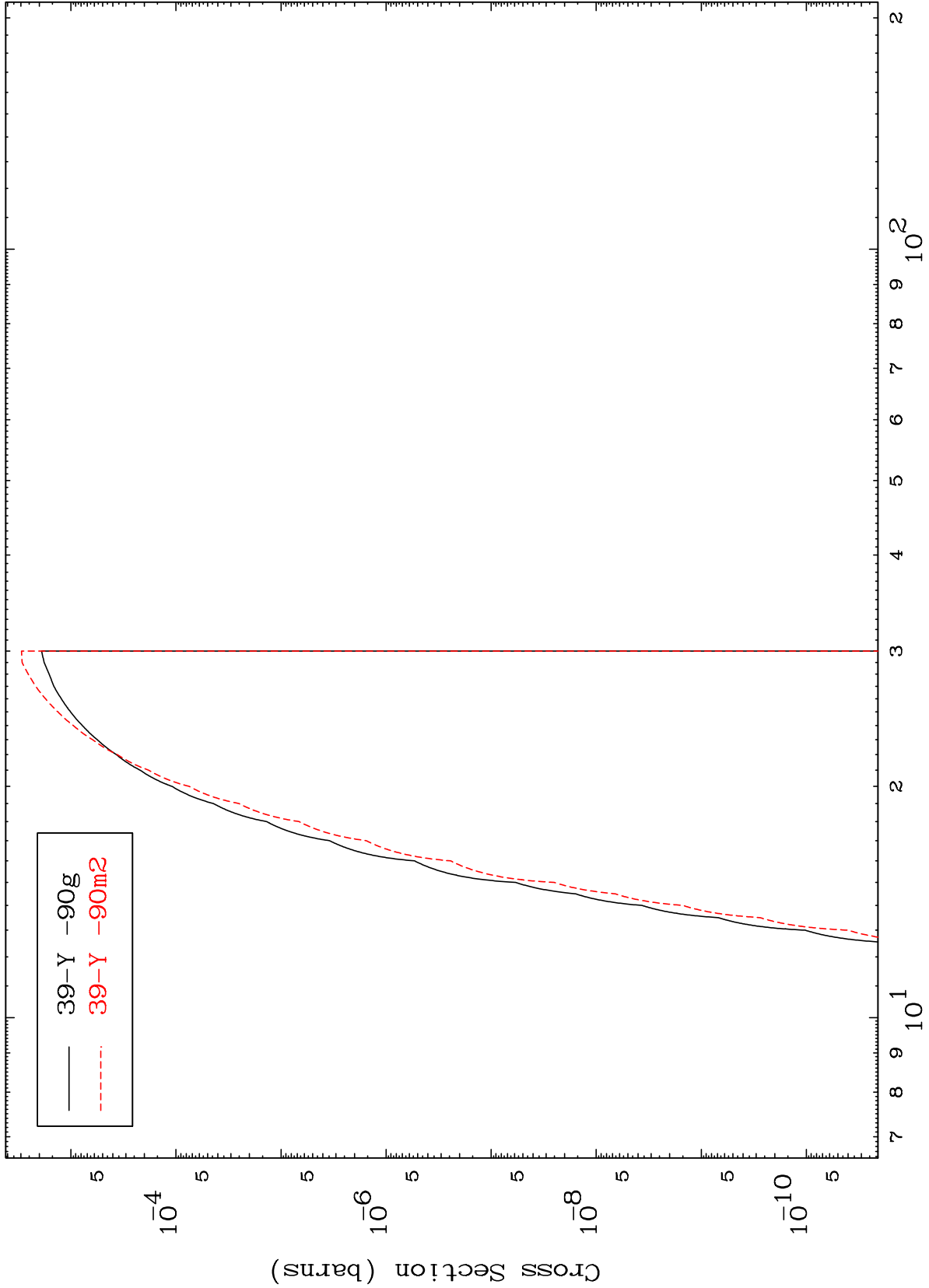
41-Nb-92

MAT 4122

41-Nb-92



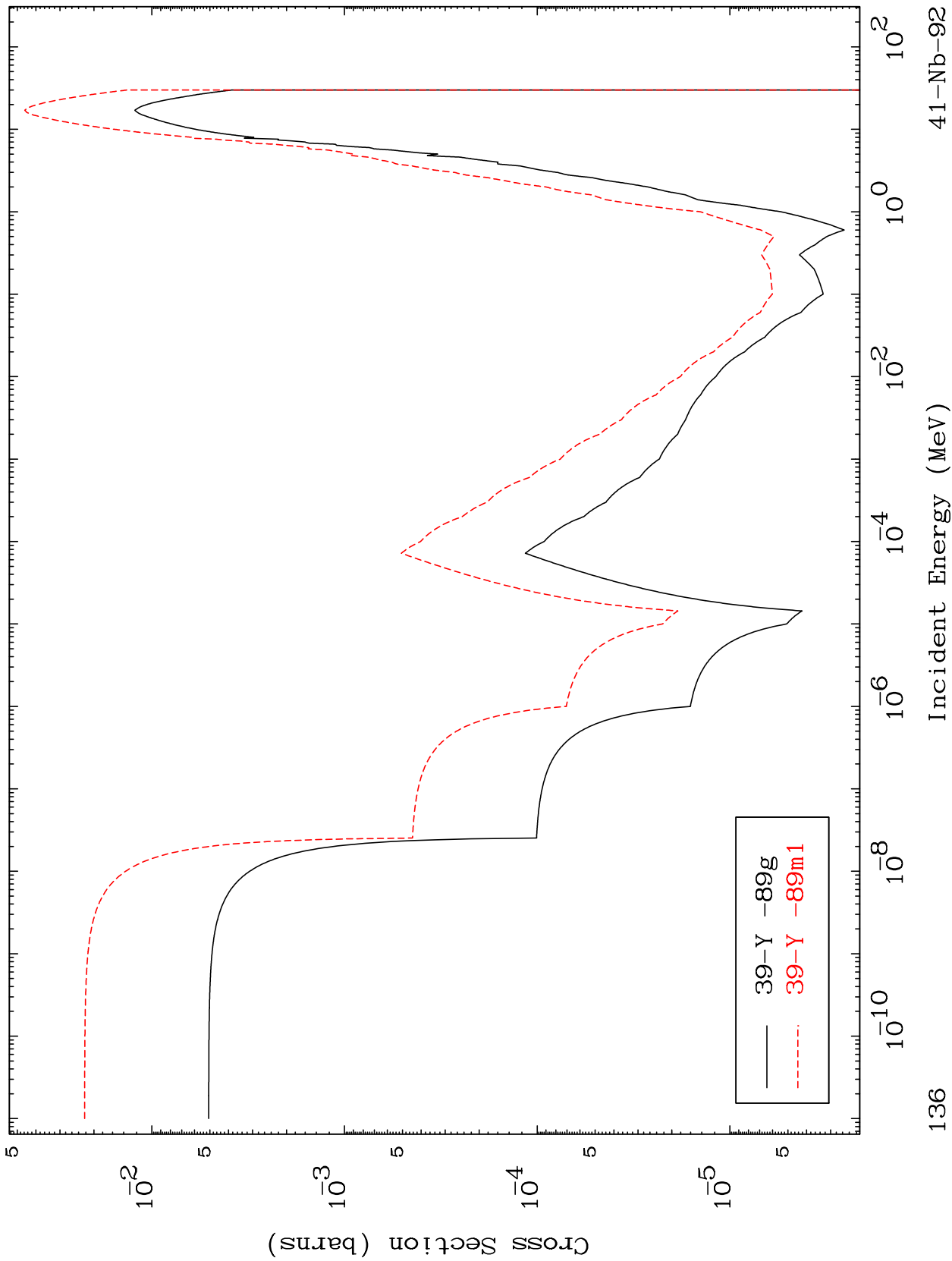
Radionuclide Production Cross Section



MAT 4122

41-Nb-92

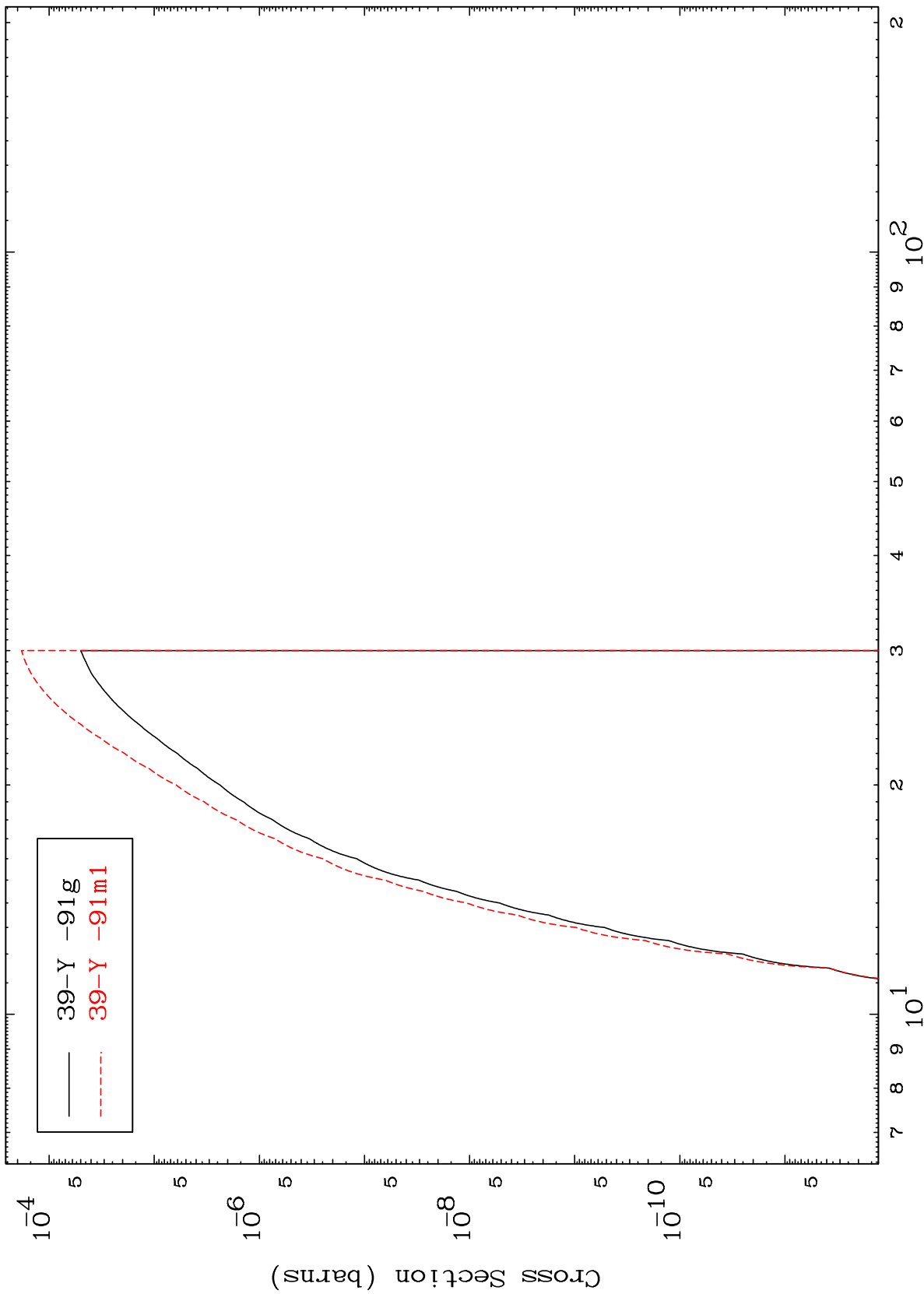
(n, α)
Radionuclide Production Cross Section



MAT 4122

41-Nb-92

(n,2p)
Radionuclide Production Cross Section

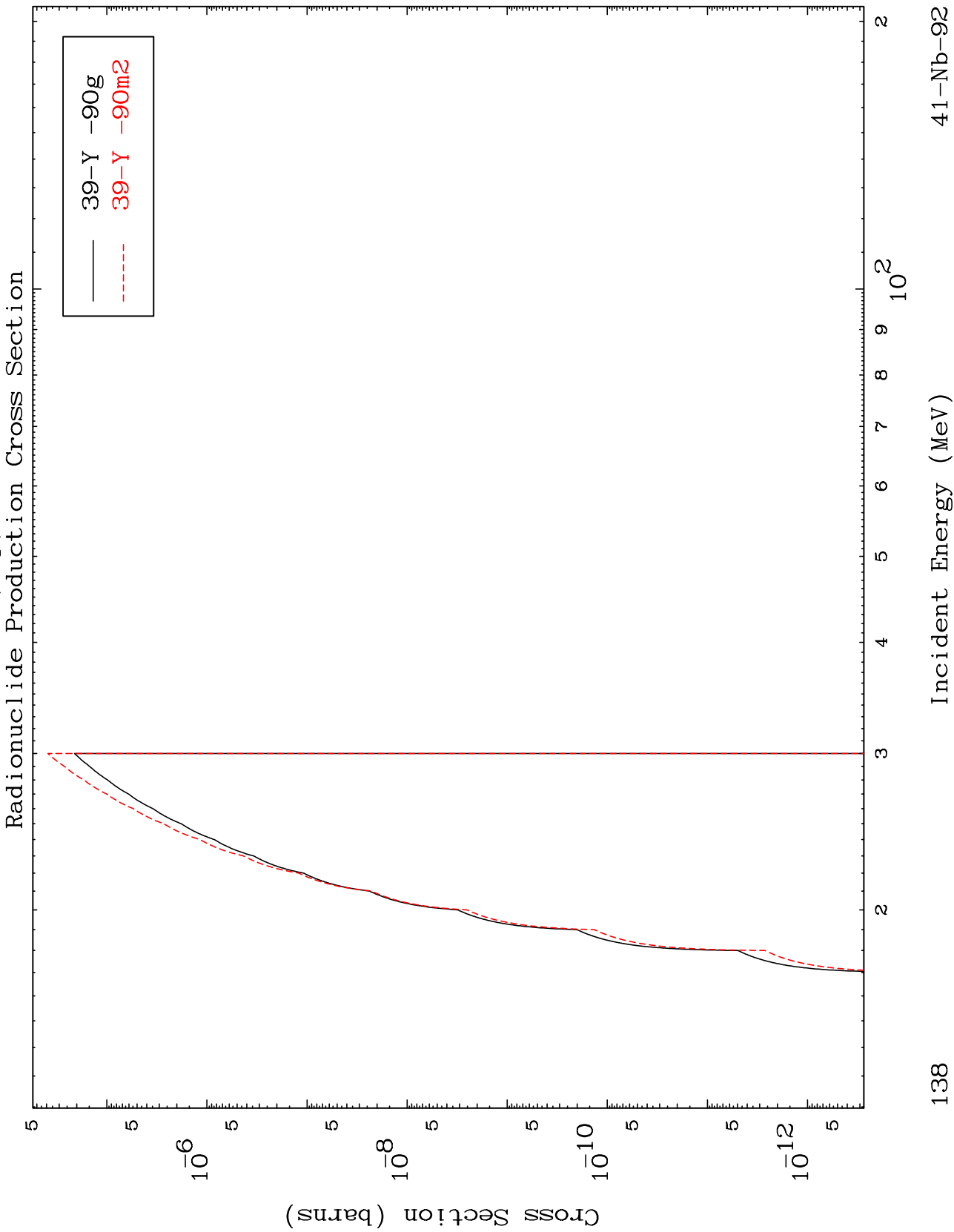


39-Y -91g
39-Y -91m1

137

Incident Energy (MeV)

41-Nb-92

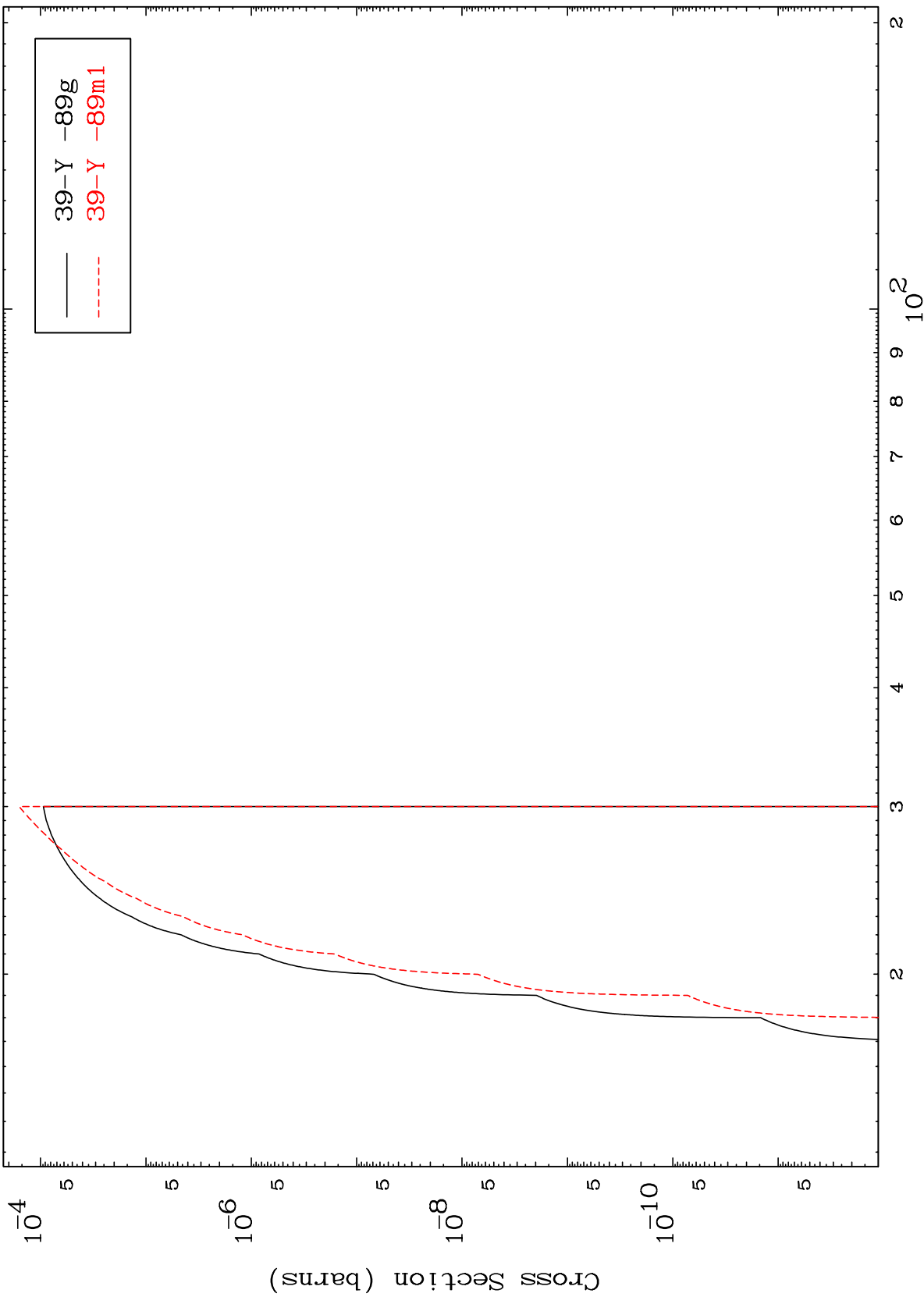


MAT 4122

(n,p) t

41-Nb-92

Radionuclide Production Cross Section



139

Incident Energy (MeV)

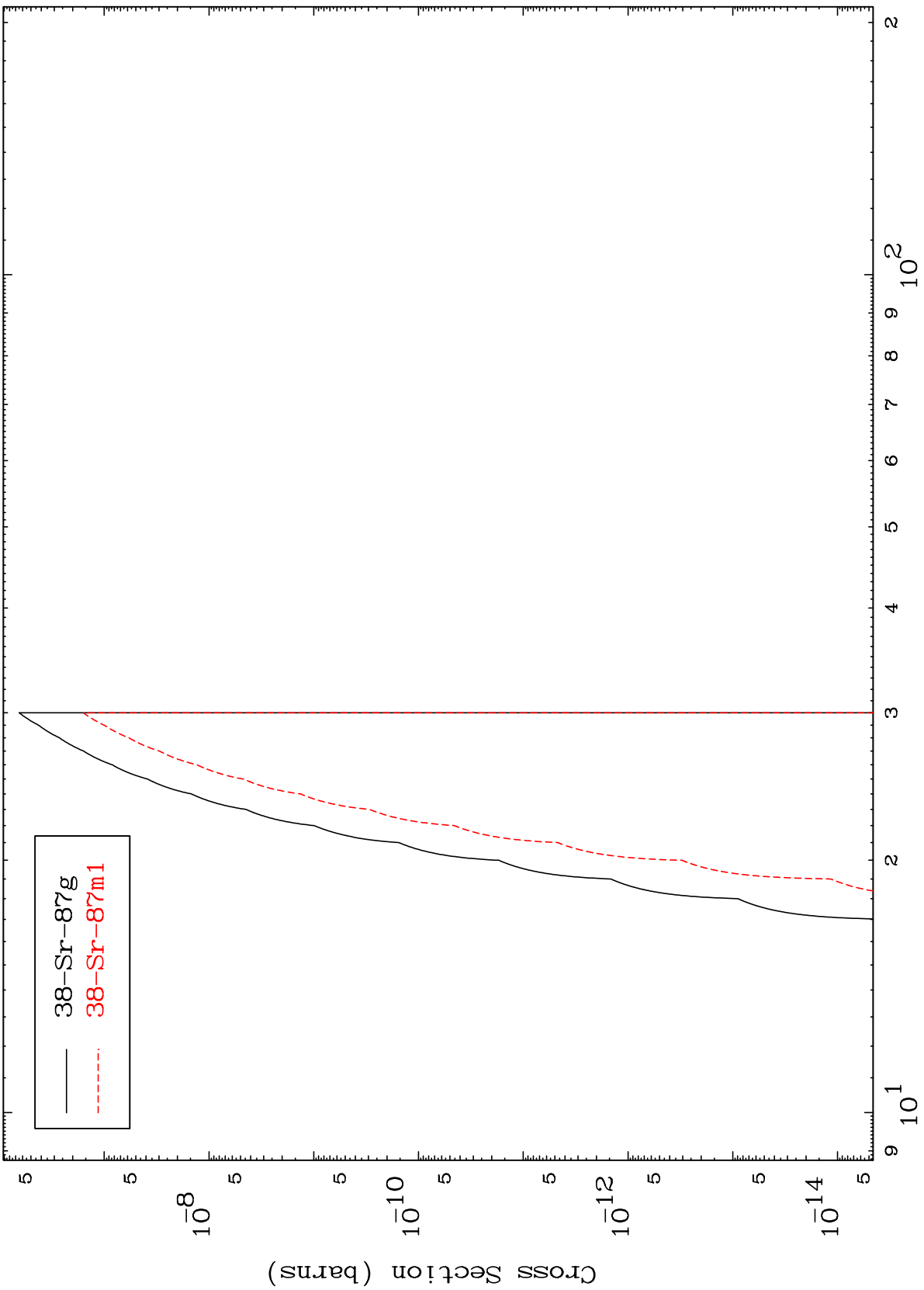
41-Nb-92

MAT 4122

(n,d) α

41-Nb-92

Radionuclide Production Cross Section



140

Incident Energy (MeV)

41-Nb-92