

Program EVALPLOT
(Version 2021-1)

by

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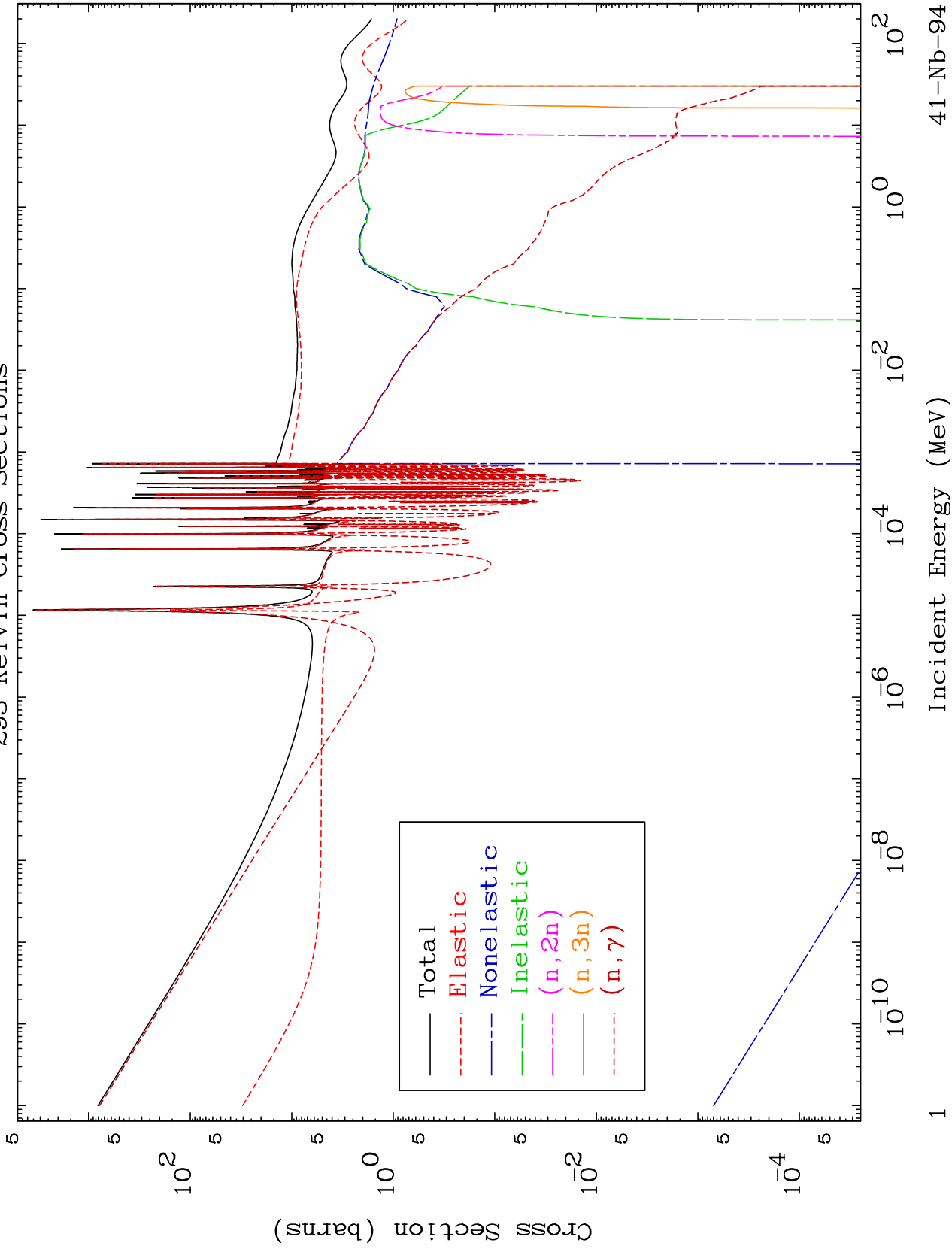
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Press Mouse Button to Start

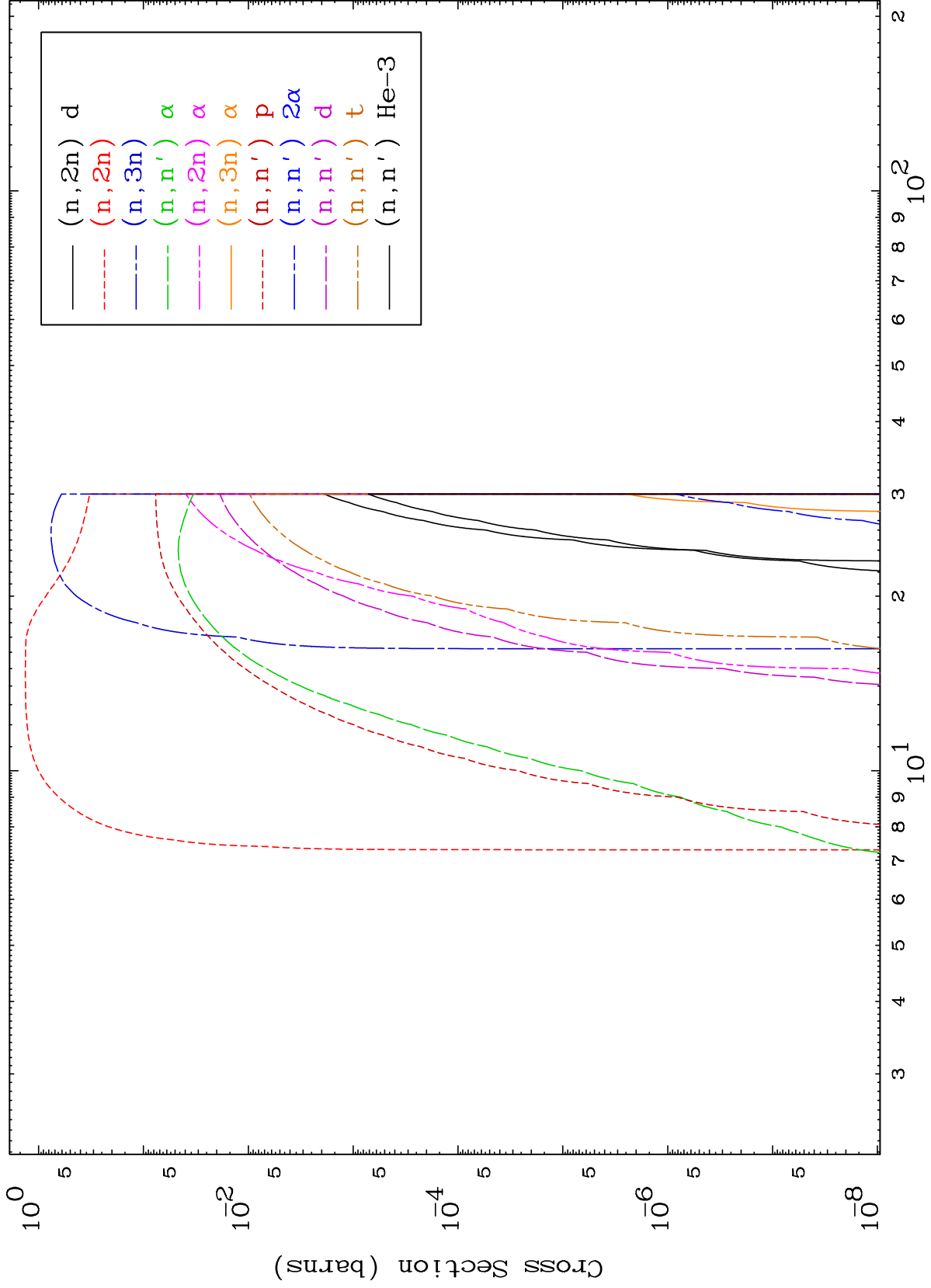
MAT 4128

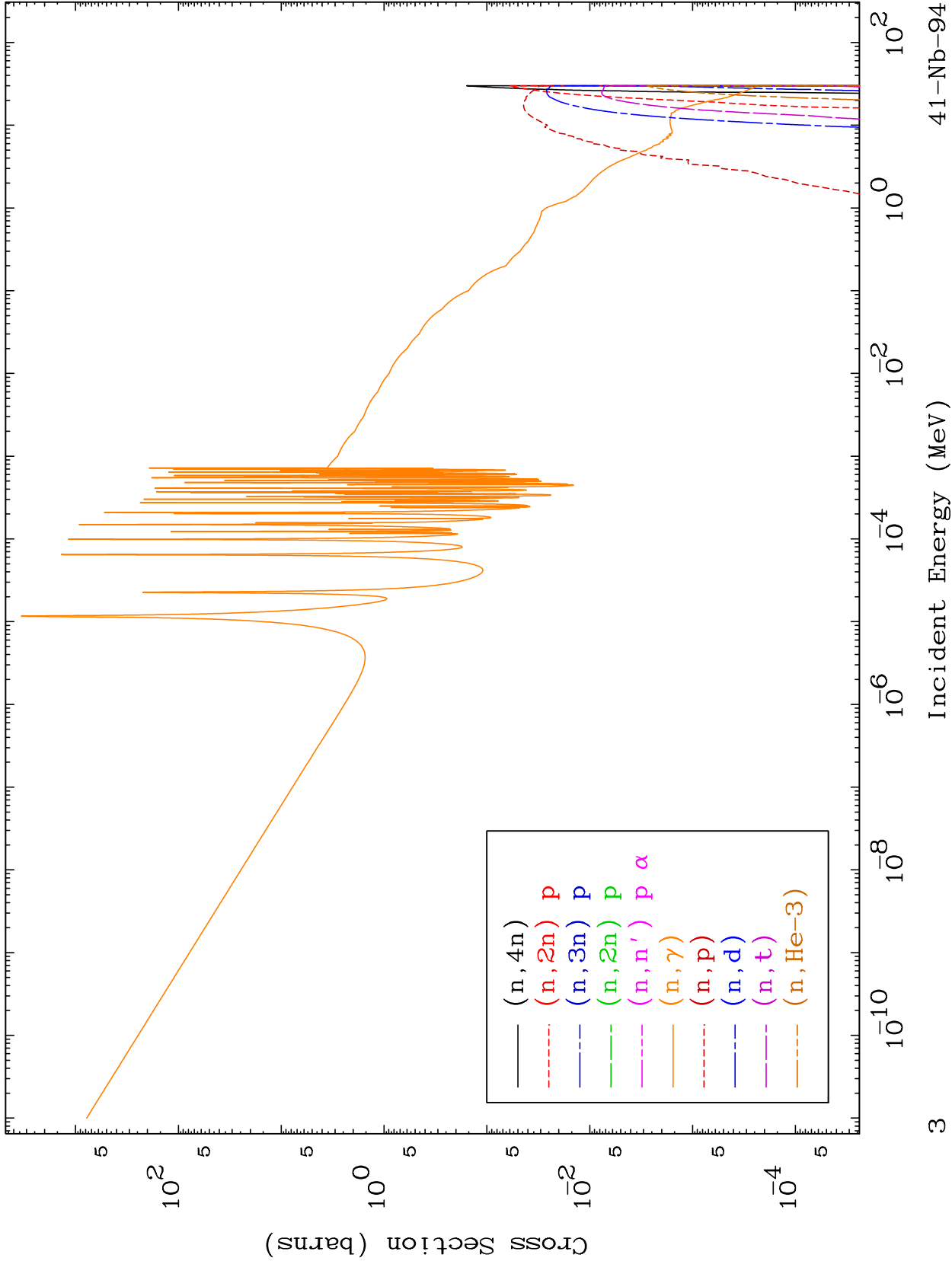
Neutron Major
293 Kelvin Cross Sections

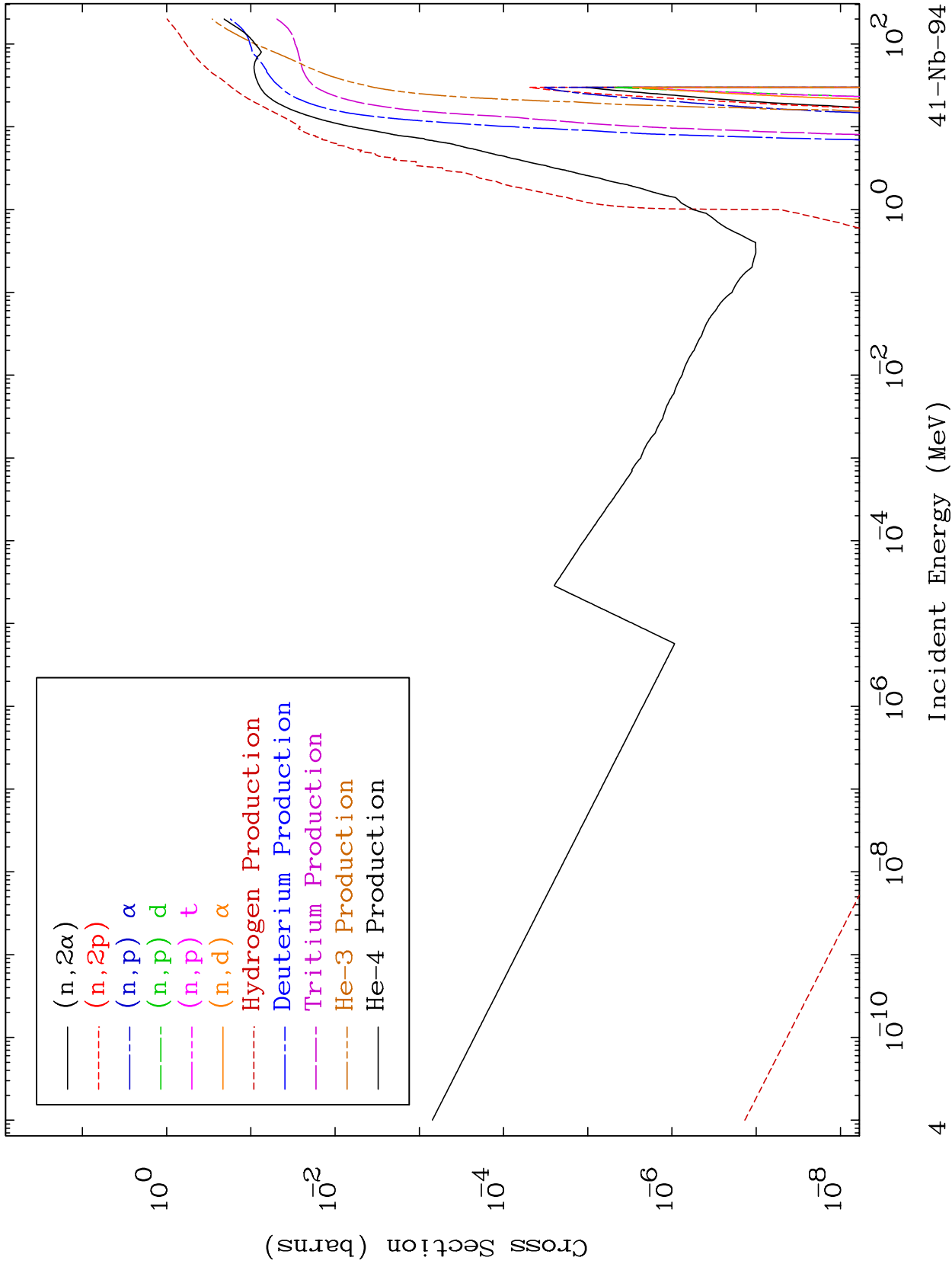
41-Nb-94



Neutron Absorption
293 Kelvin Cross Sections



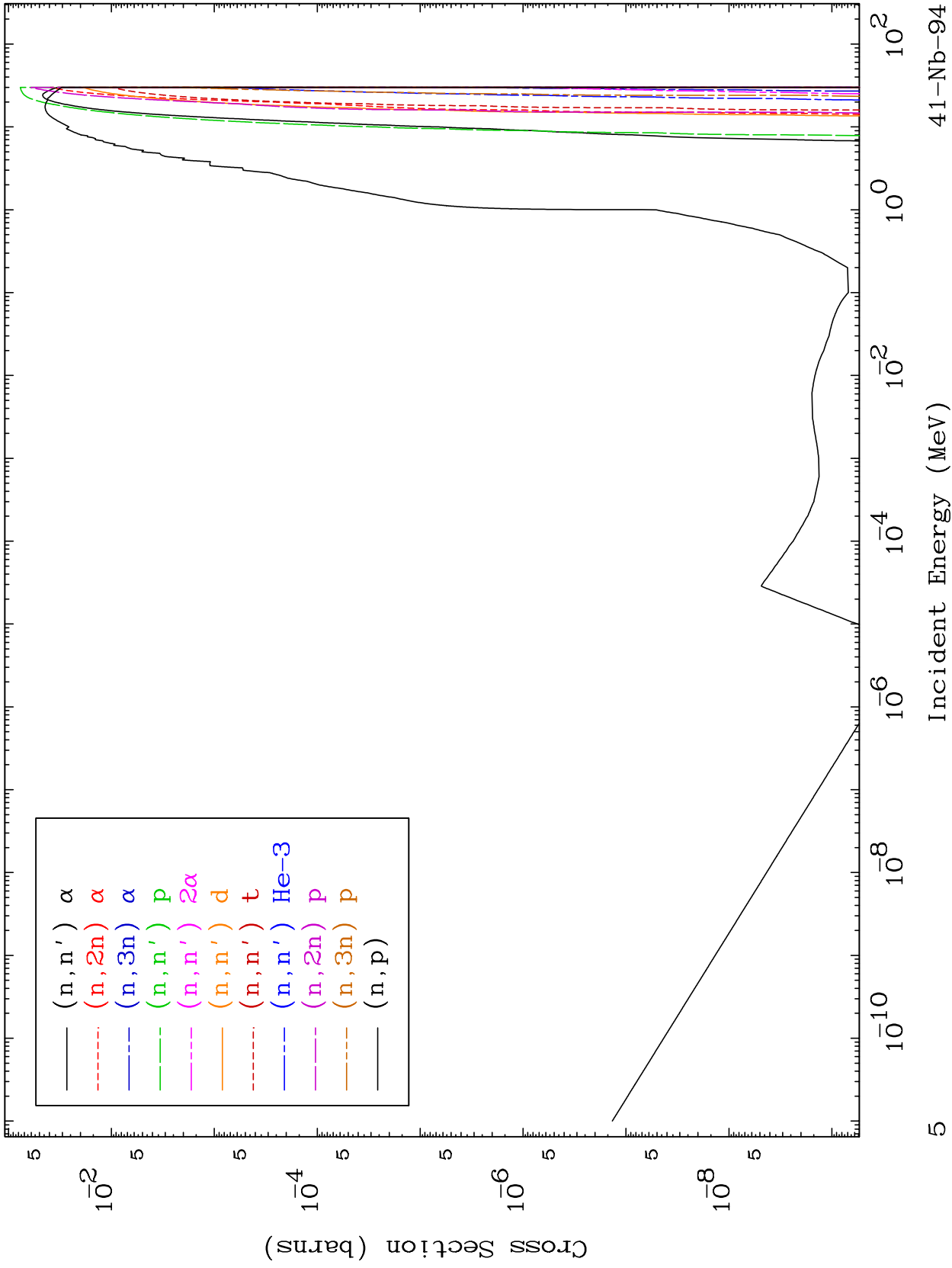




MAT 4128

Charged Particle
293 Kelvin Cross Sections

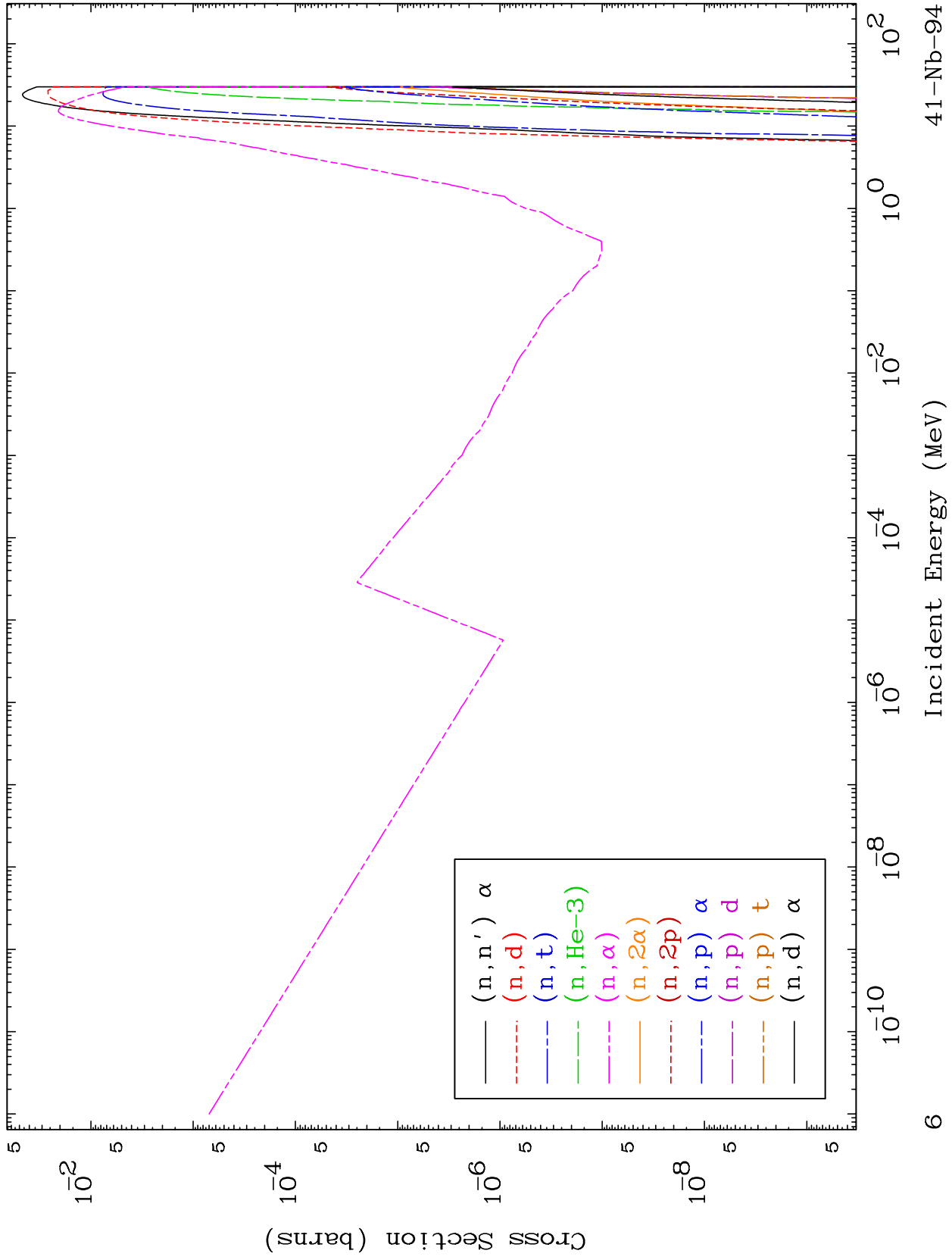
41-Nb-94



MAT 4128

Charged Particle
293 Kelvin Cross Sections

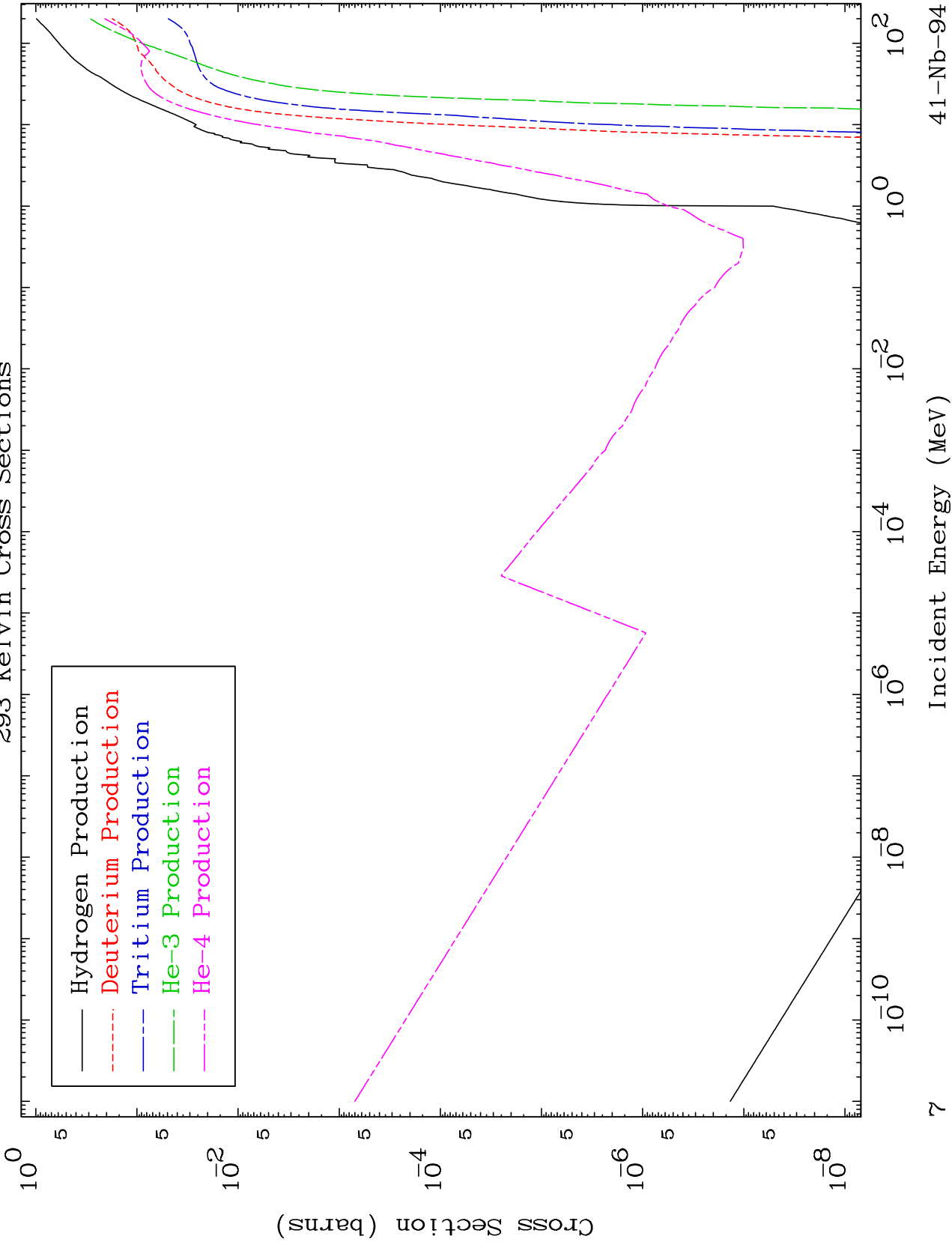
41-Nb-94

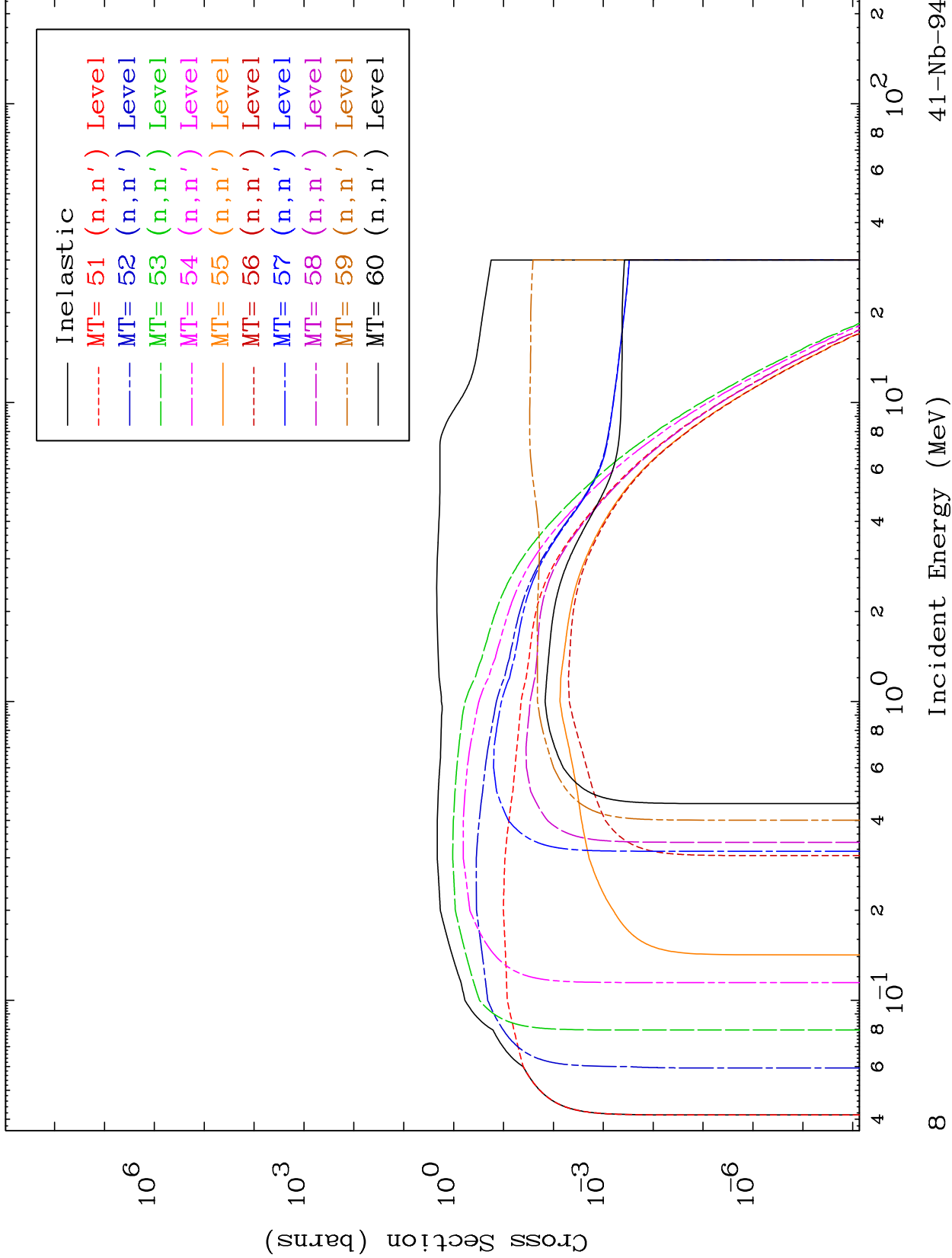


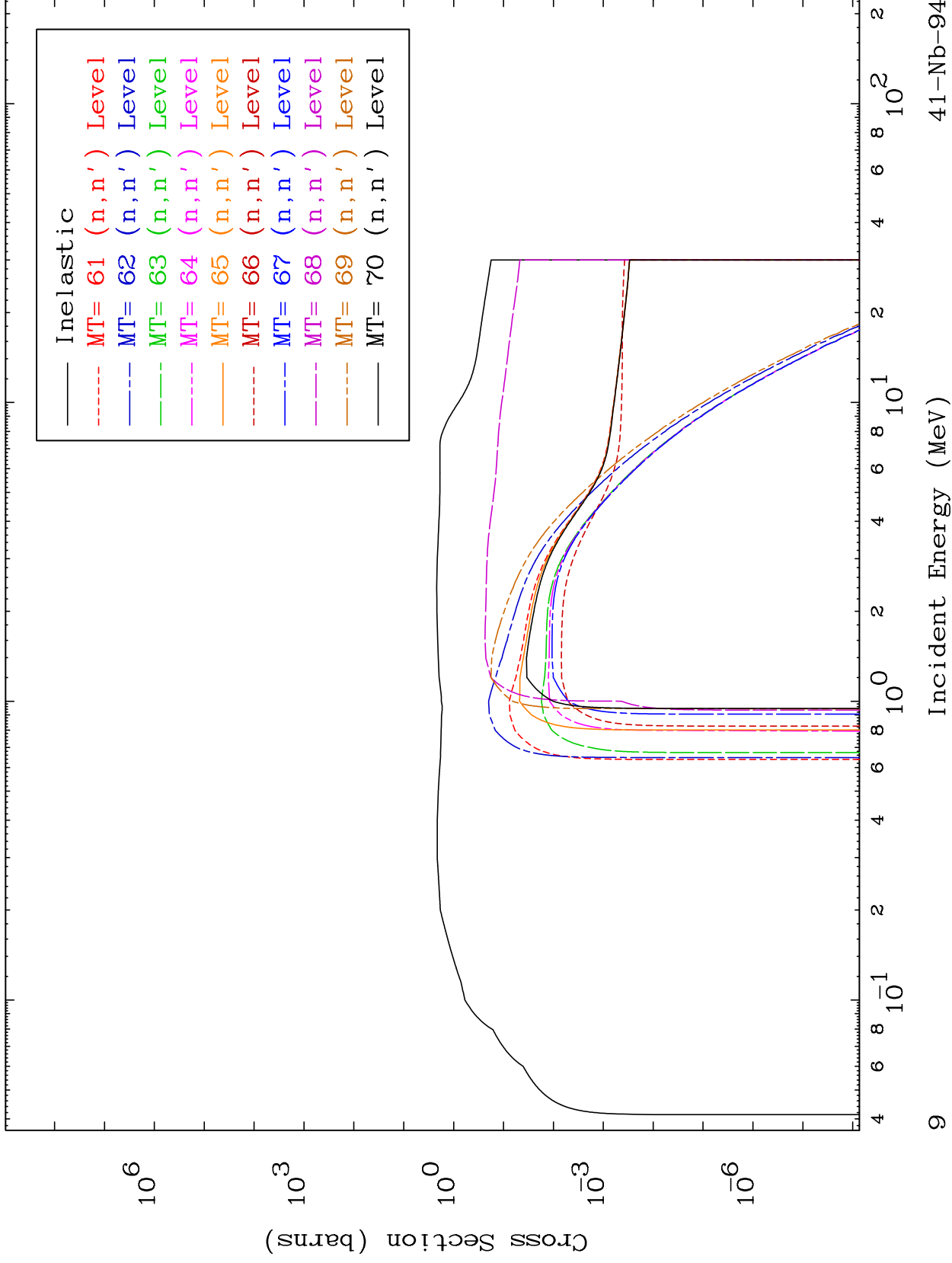
MAT 4128

Particle Production
293 Kelvin Cross Sections

41-Nb-94



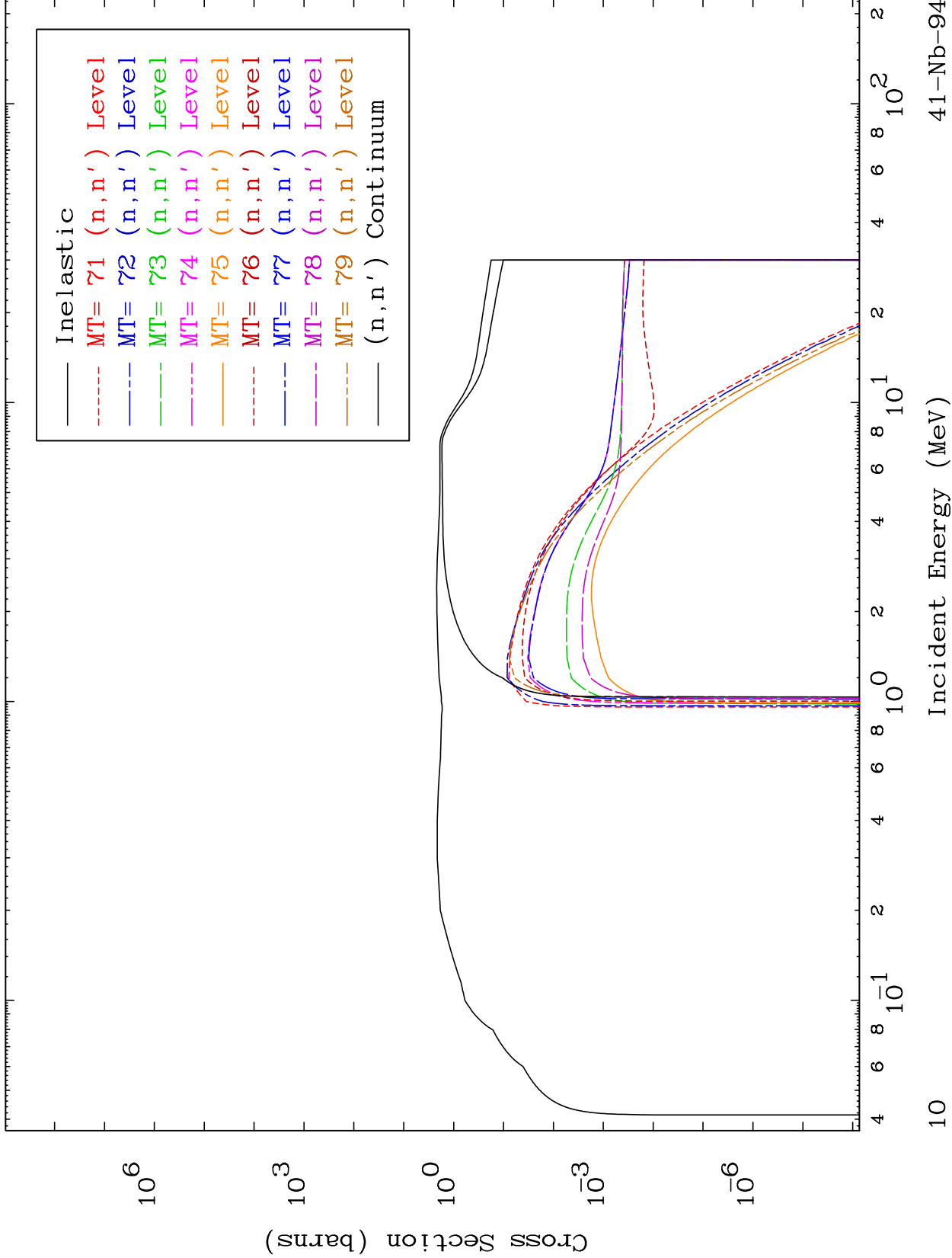




MAT 4128

(n,n') Levels
293 Kelvin Cross Sections

41-Nb-94



10

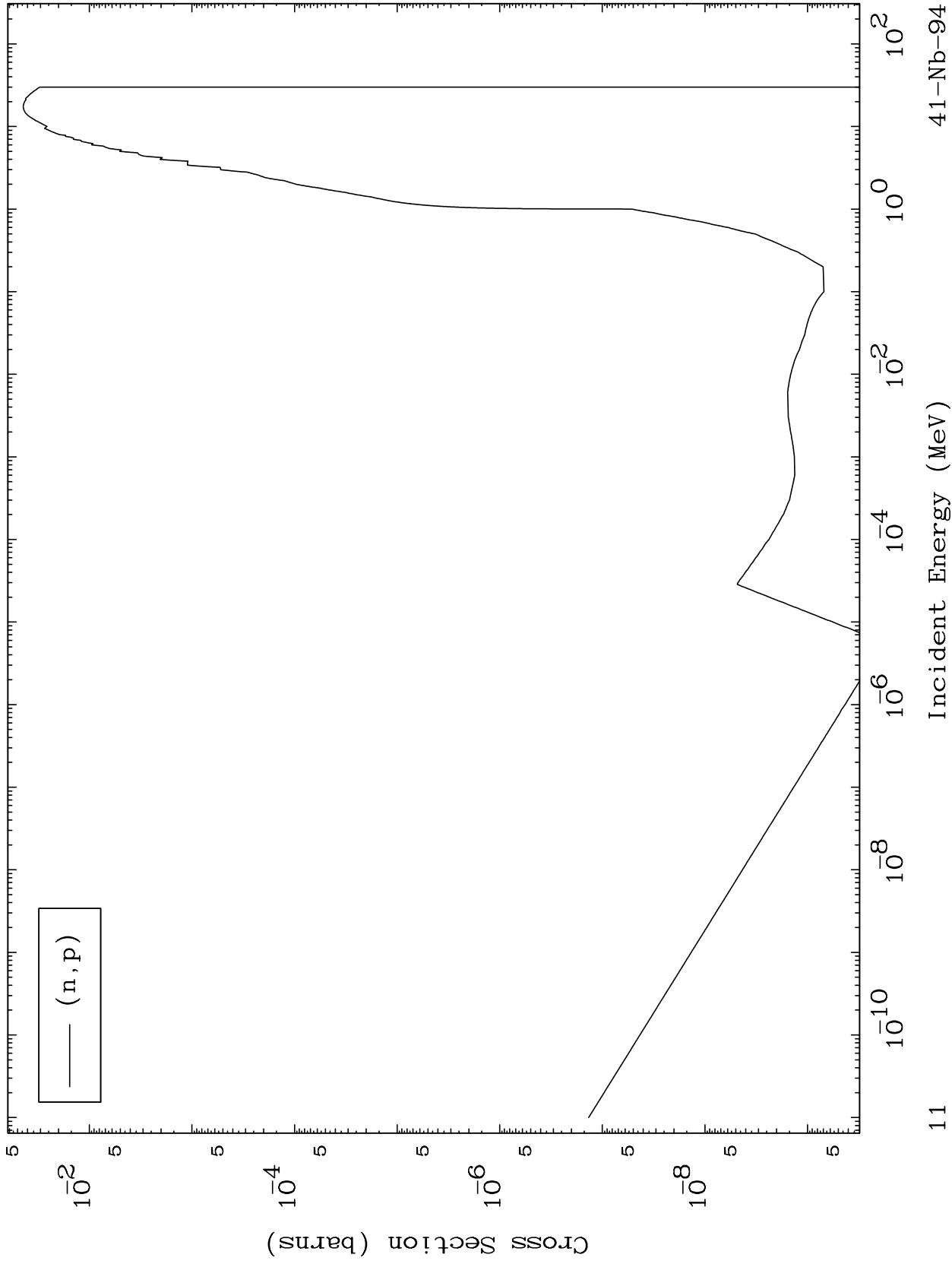
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,p) Levels
293 Kelvin Cross Sections

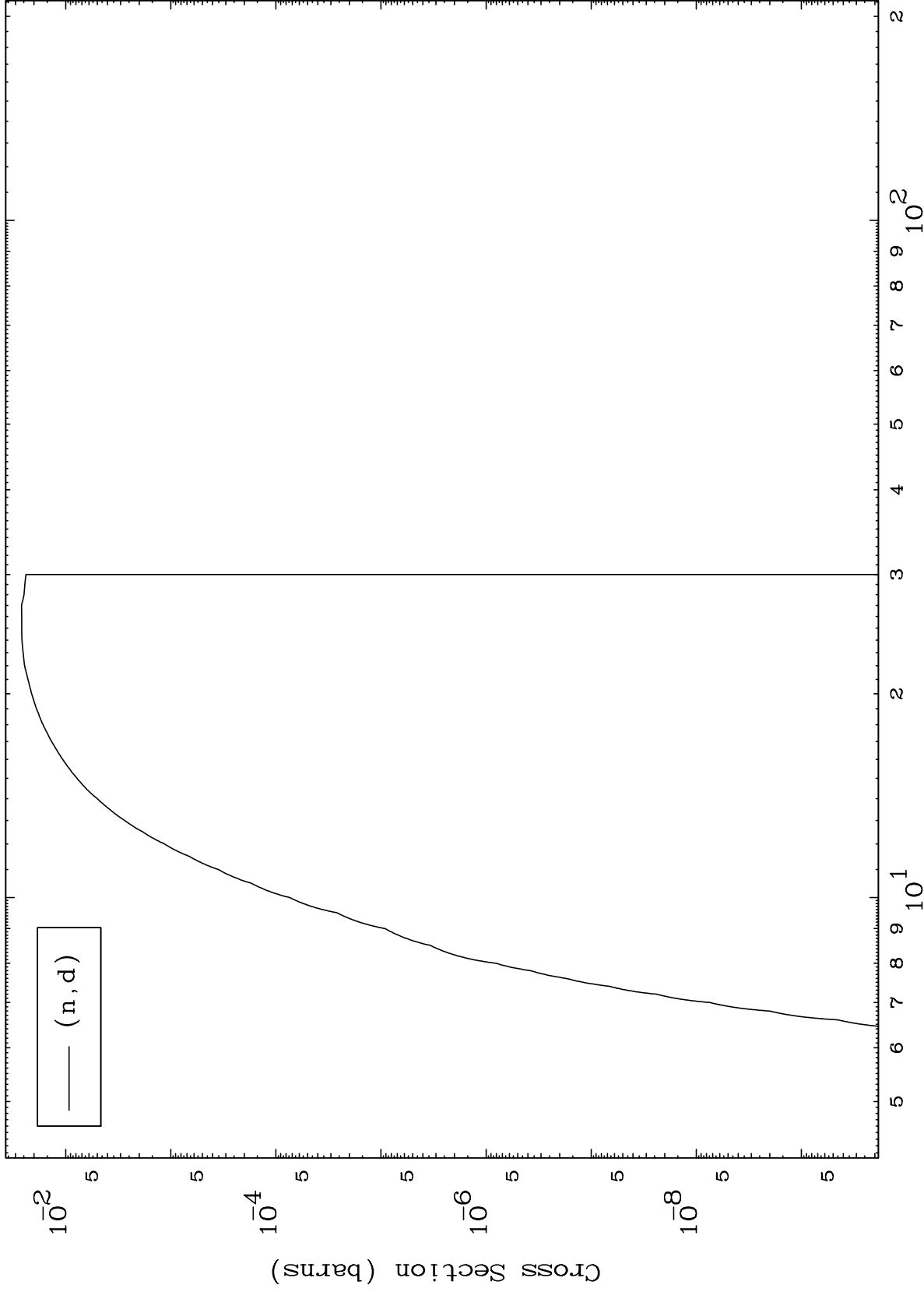
41-Nb-94



MAT 4128

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-94



12

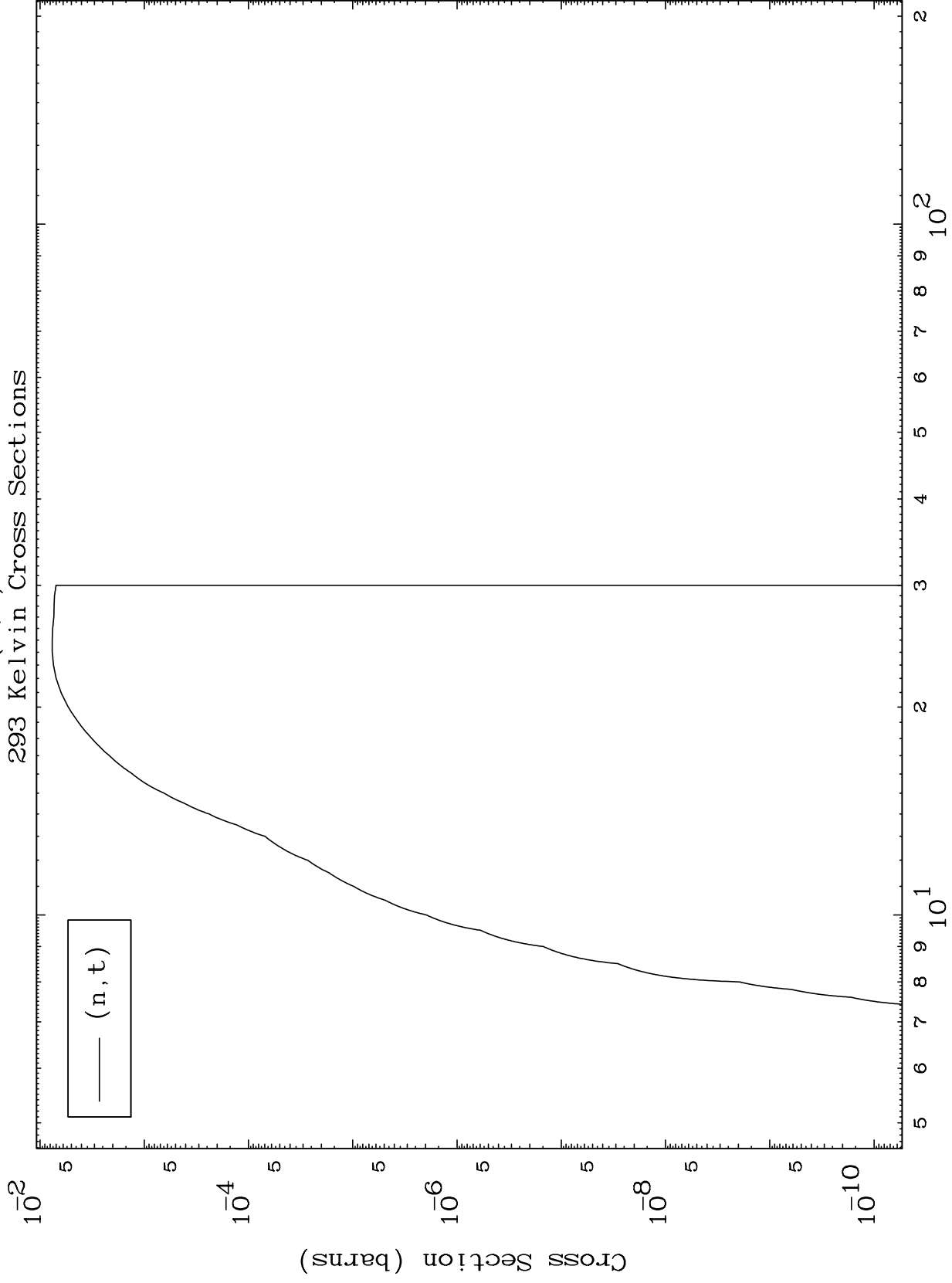
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-94



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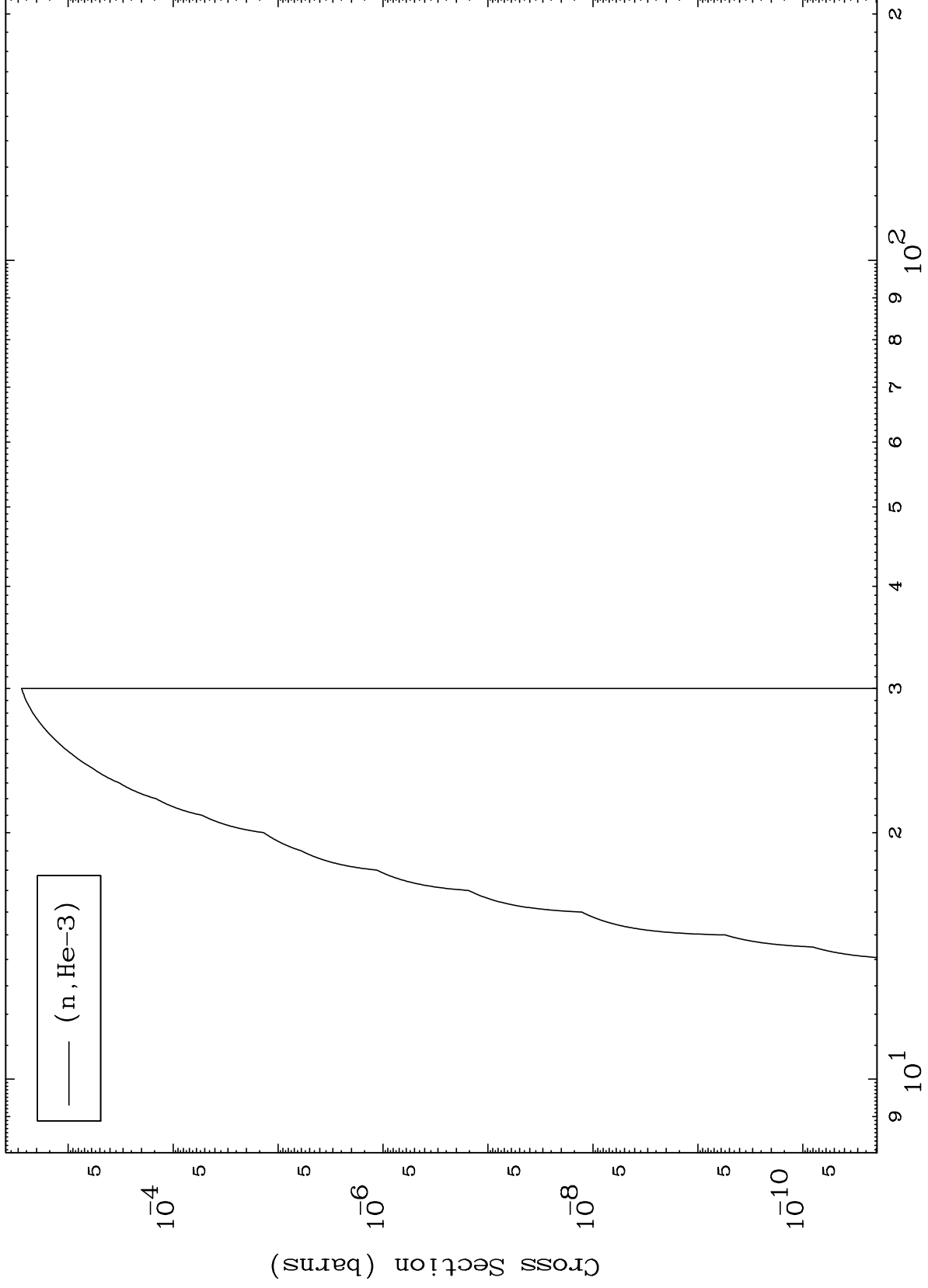
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-94



14

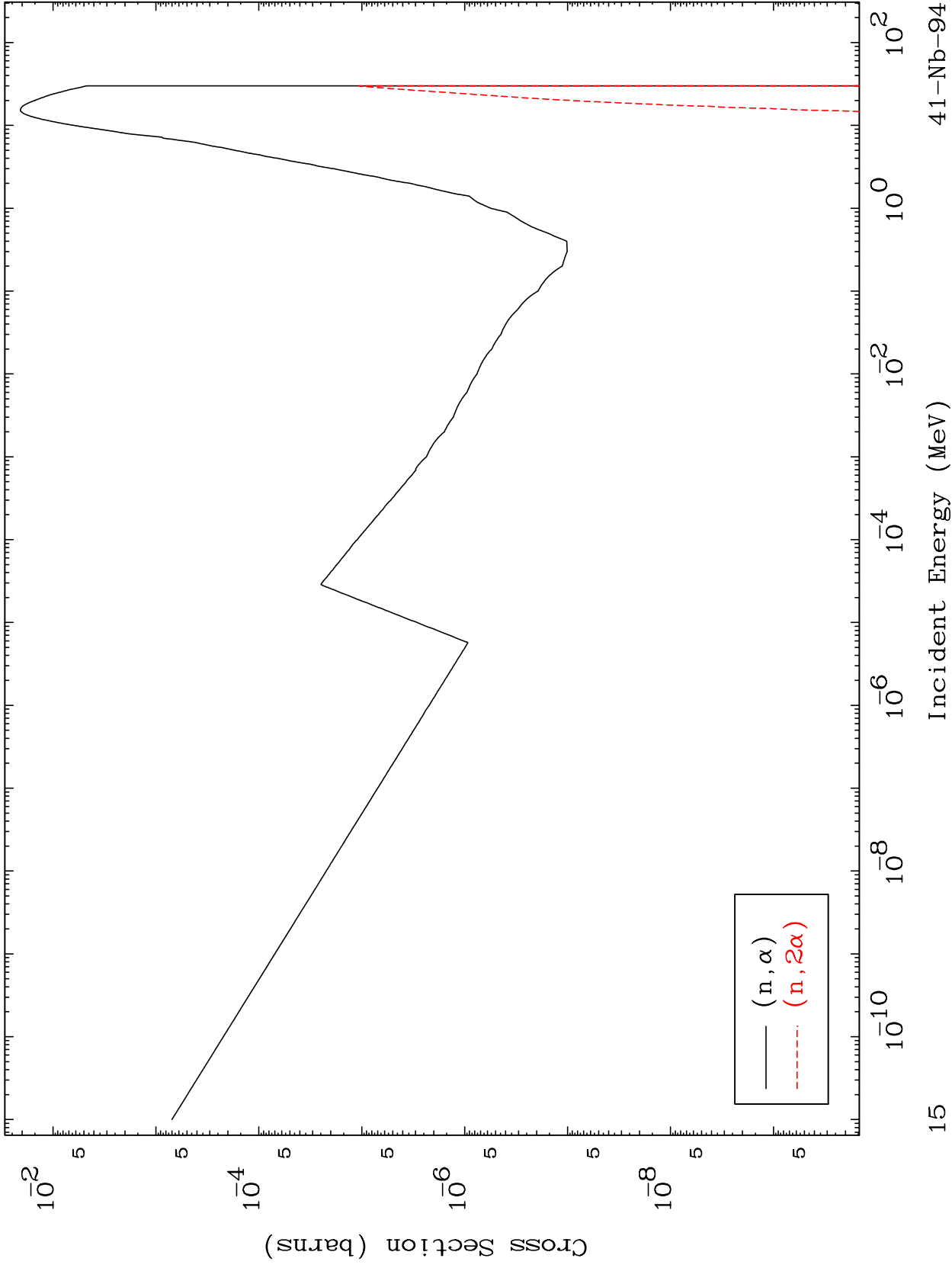
Incident Energy (MeV)

41-Nb-94

MAT 4128

(n,α) Levels
293 Kelvin Cross Sections

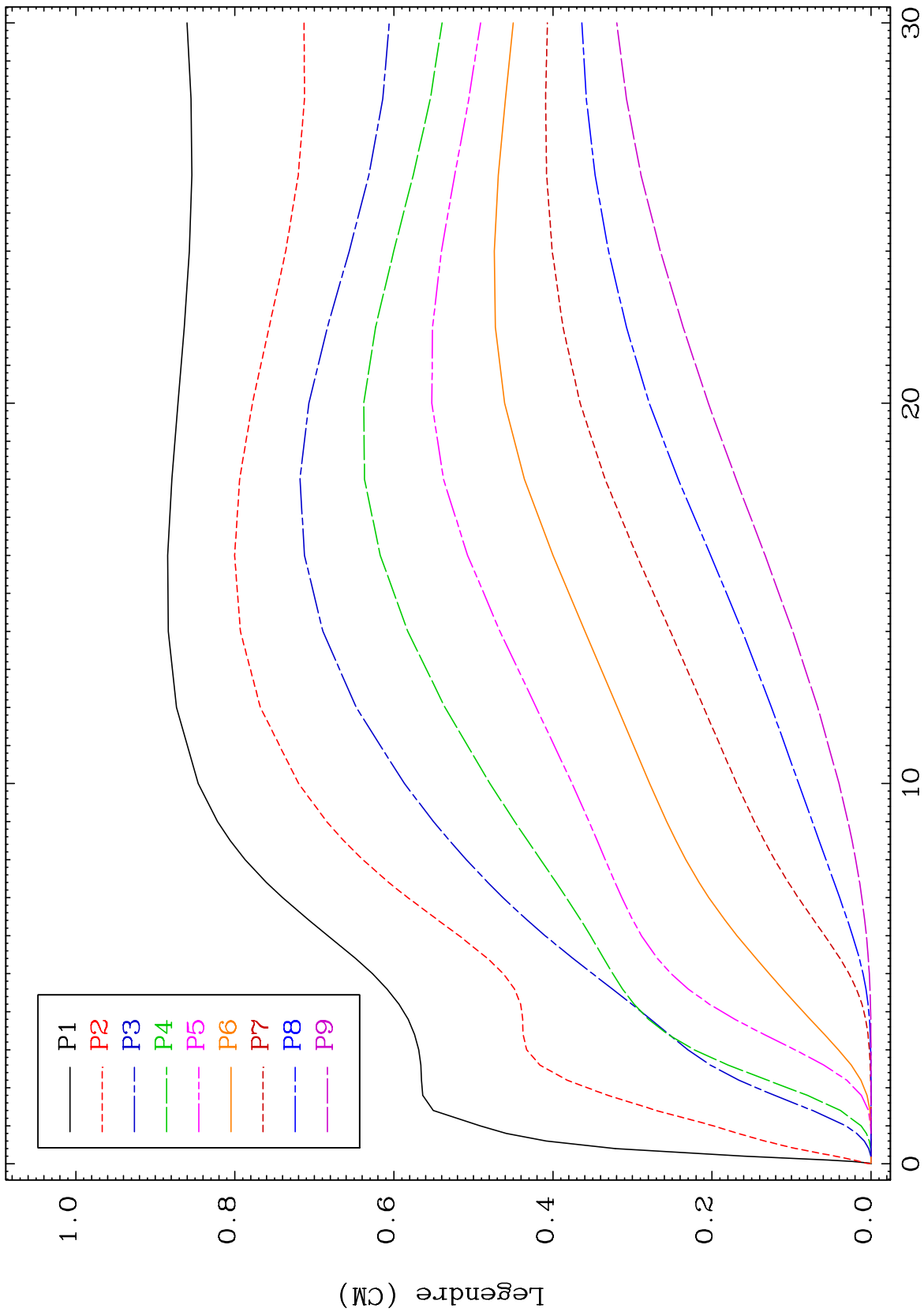
41-Nb-94



MAT 4128

Elastic Legendre Coefficients

41-Nb-94



16

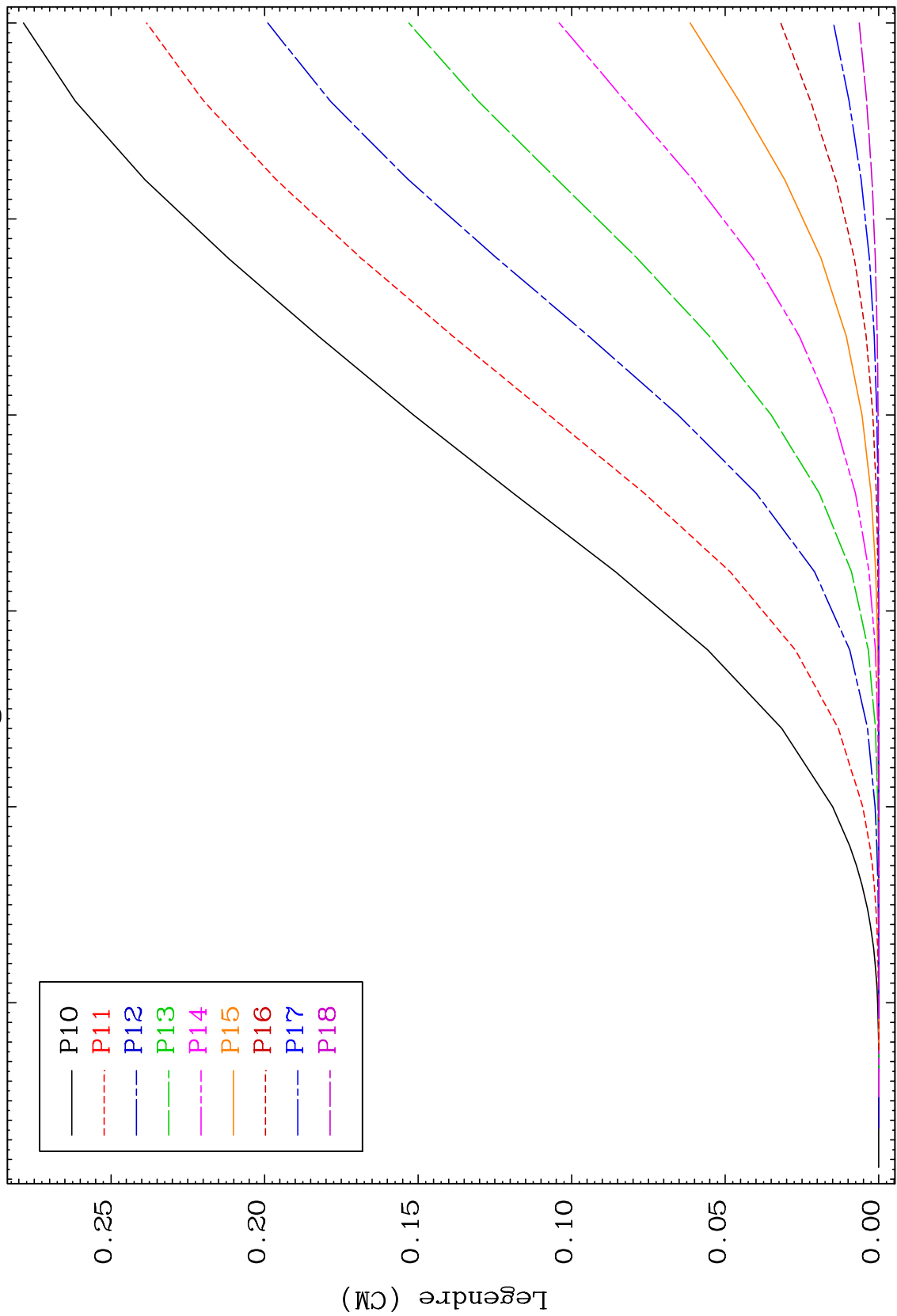
Incident Energy (MeV)

41-Nb-94

MAT 4128

Elastic Legendre Coefficients

41-Nb-94



17

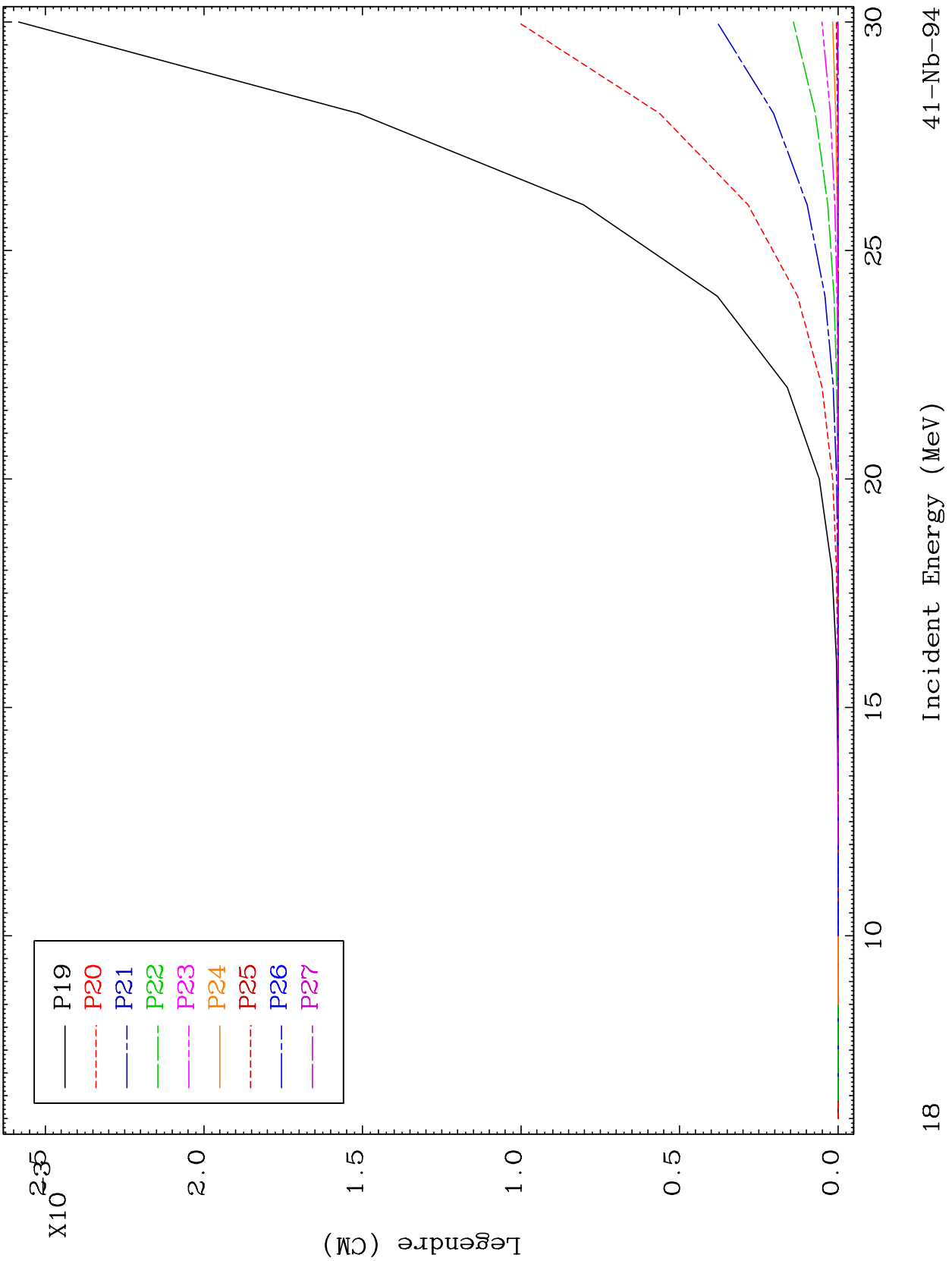
Incident Energy (MeV)

41-Nb-94

MAT 4128

Elastic Legendre Coefficients

41-Nb-94



18

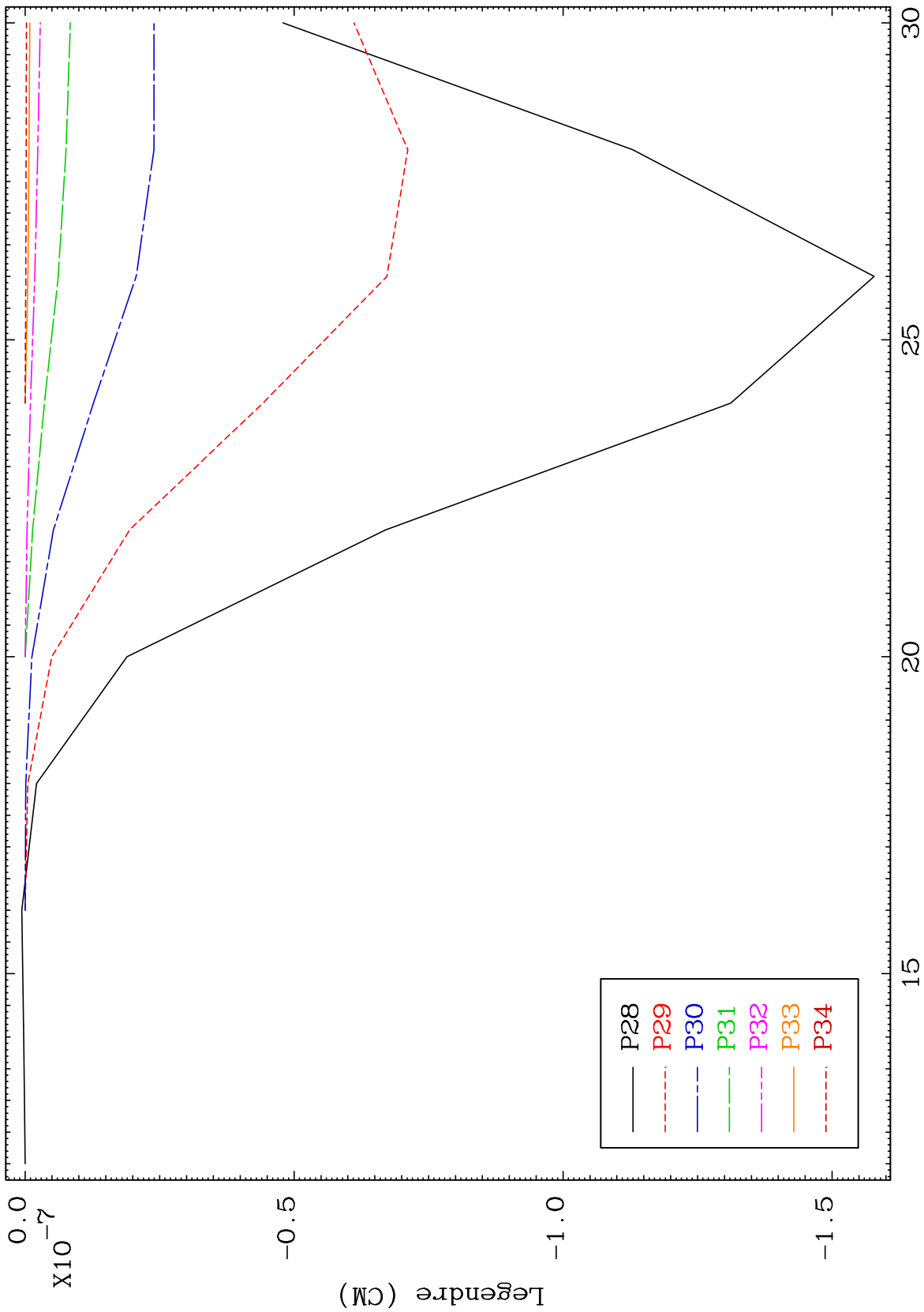
Incident Energy (MeV)

41-Nb-94

MAT 4128

41-Nb-94

Elastic Legendre Coefficients



19

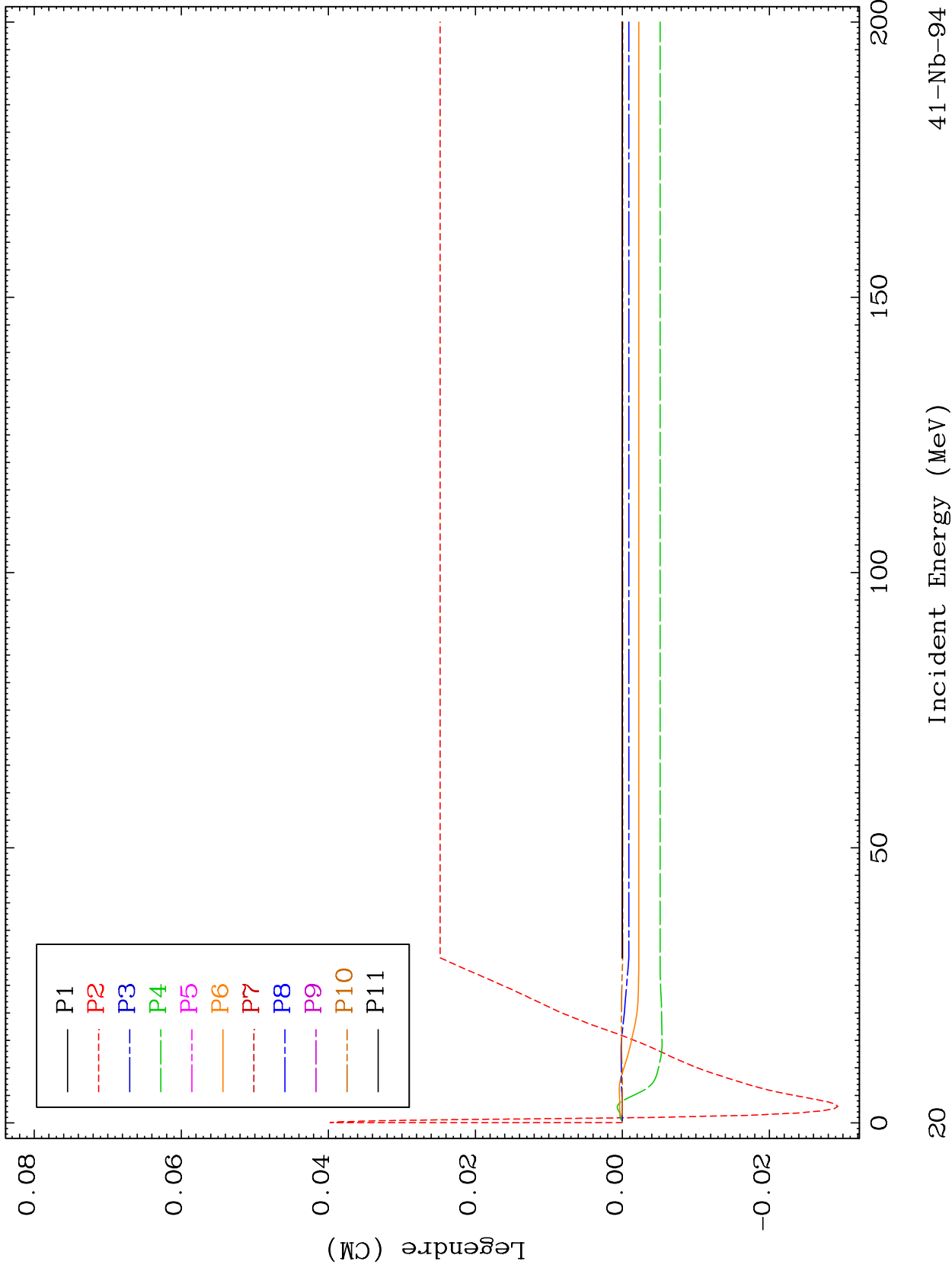
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



41-Nb-94

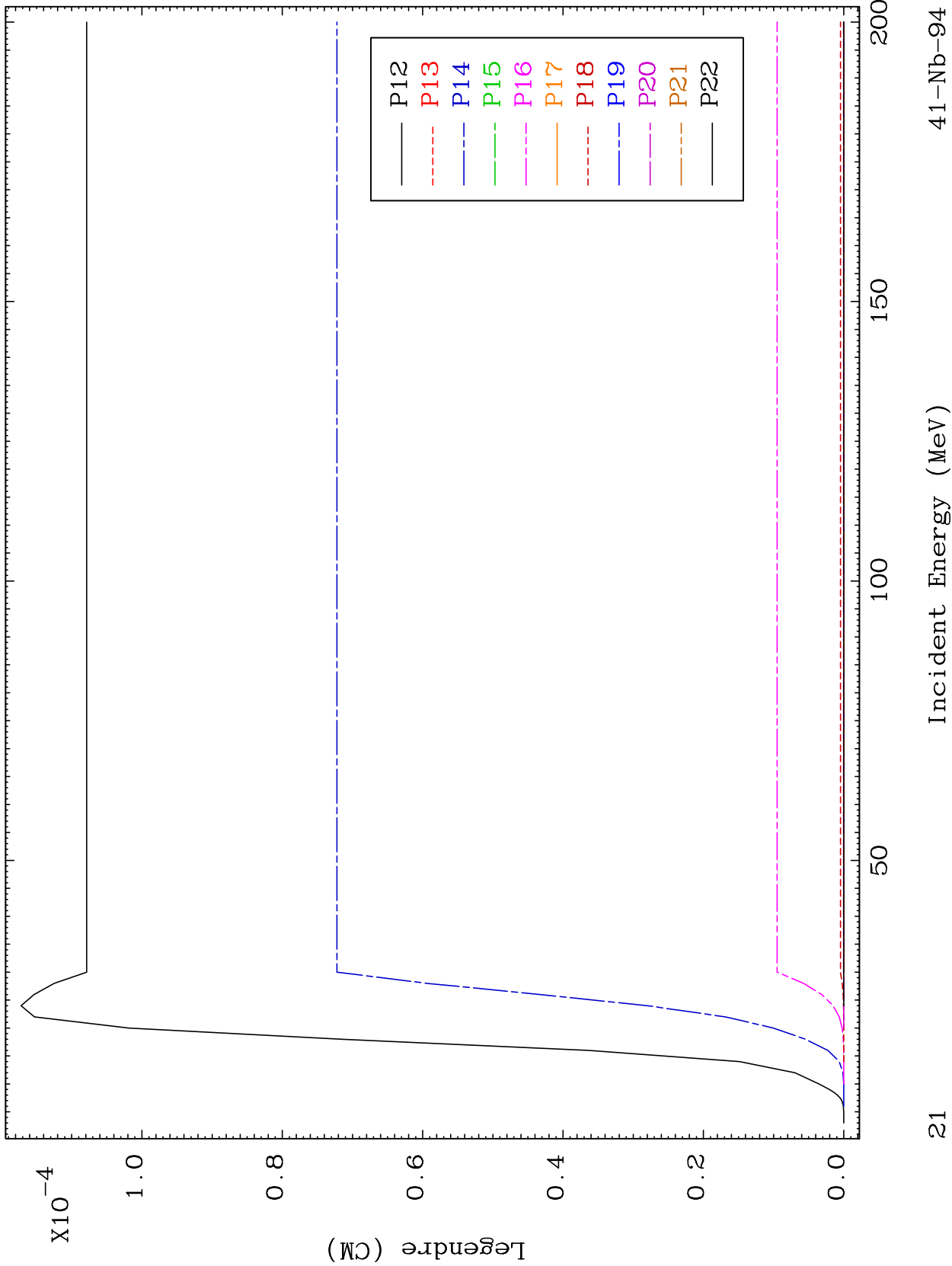
Incident Energy (MeV)

20

MAT 4128

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

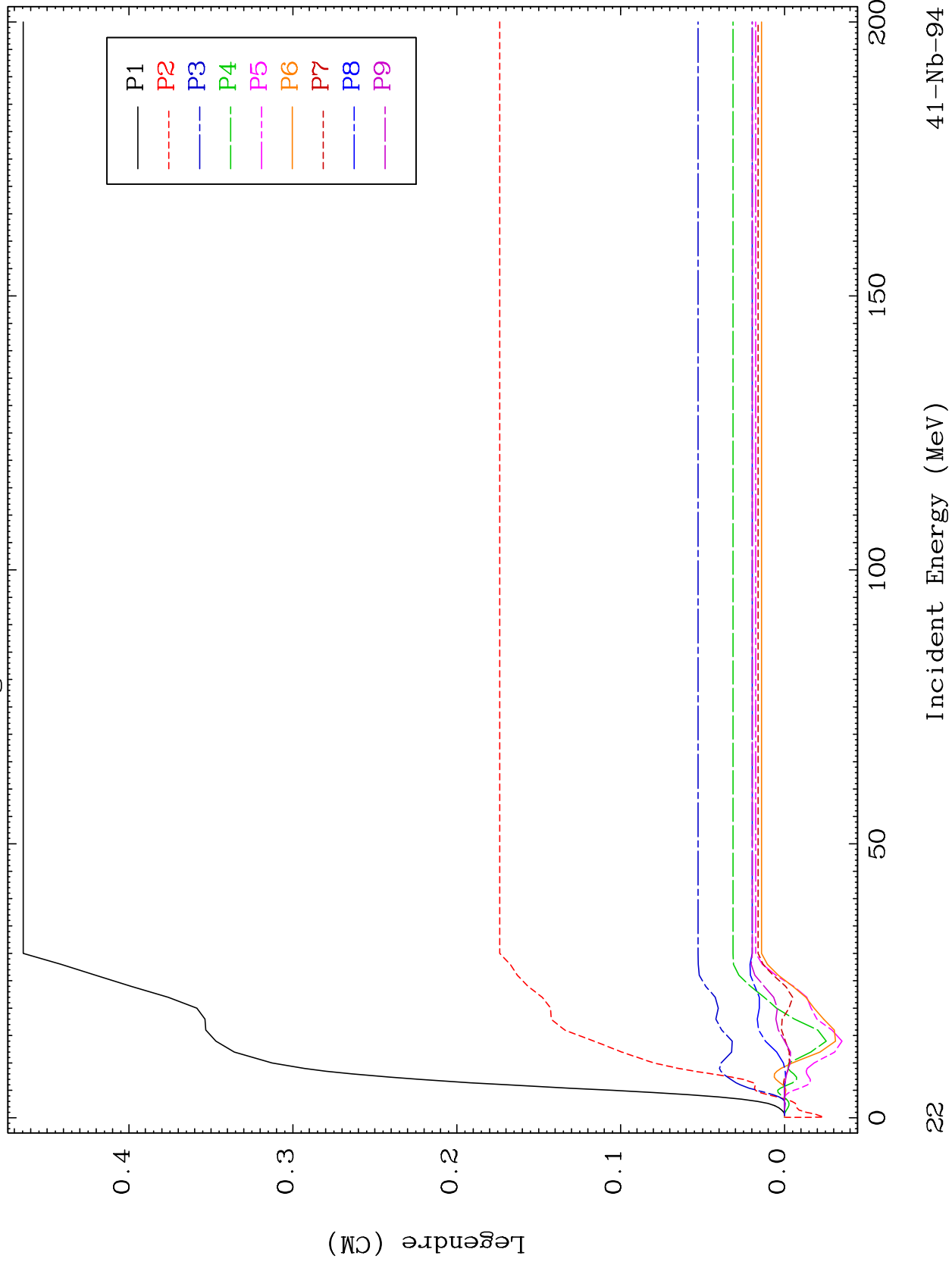
41-Nb-94



MAT 4128

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

41-Nb-94



22

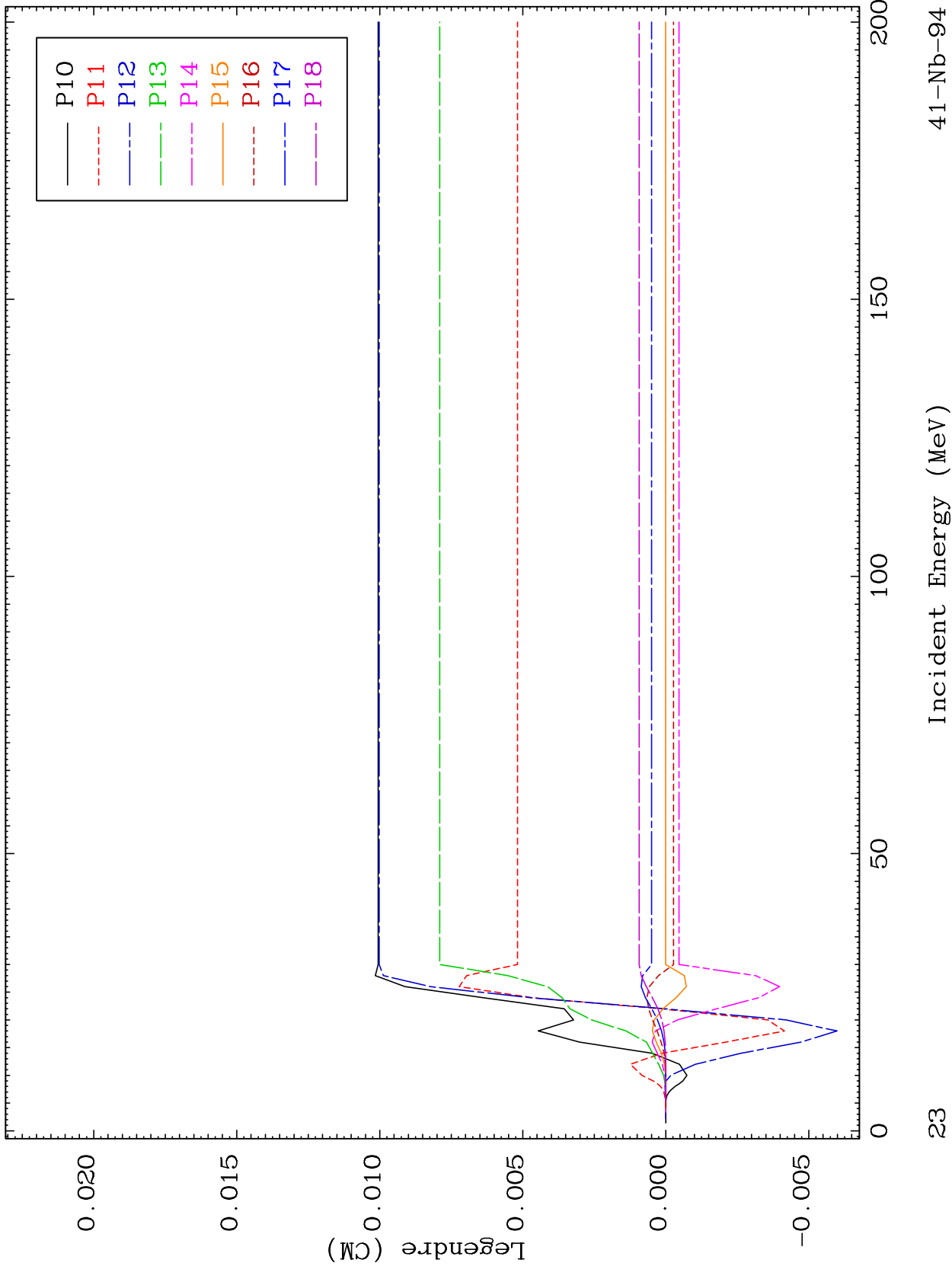
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

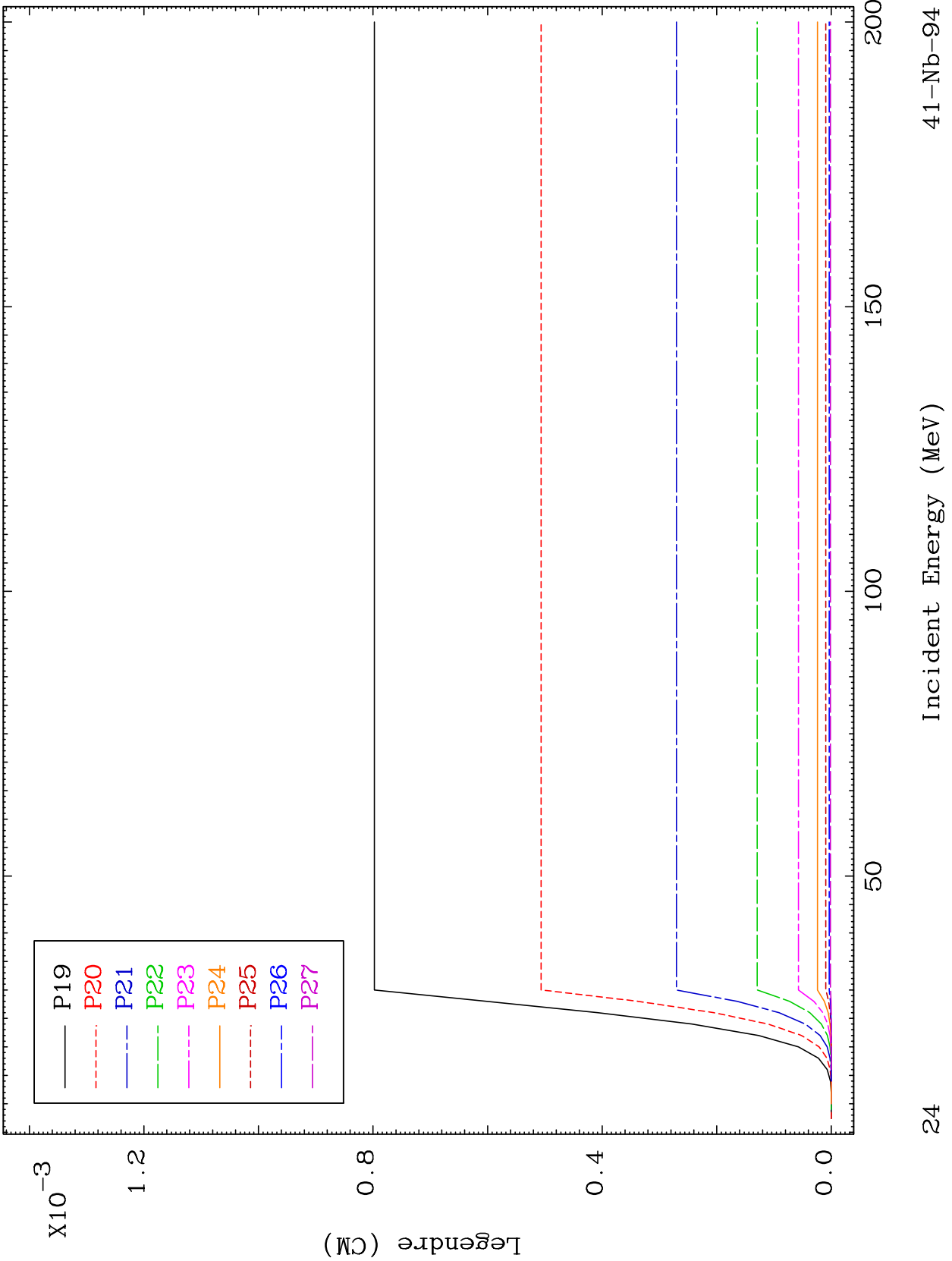
41-Nb-94



23

Incident Energy (MeV)

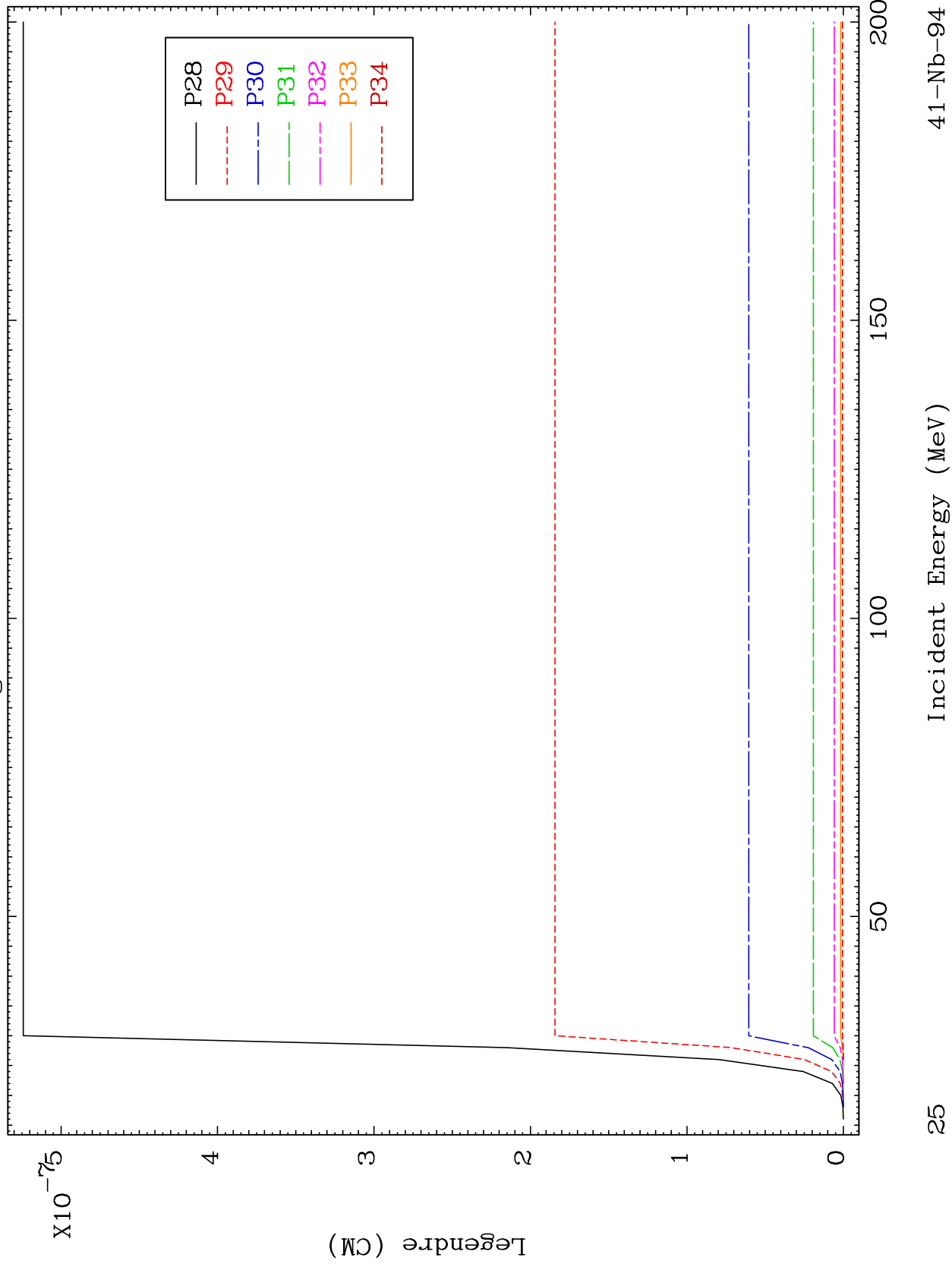
41-Nb-94



MAT 4128

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

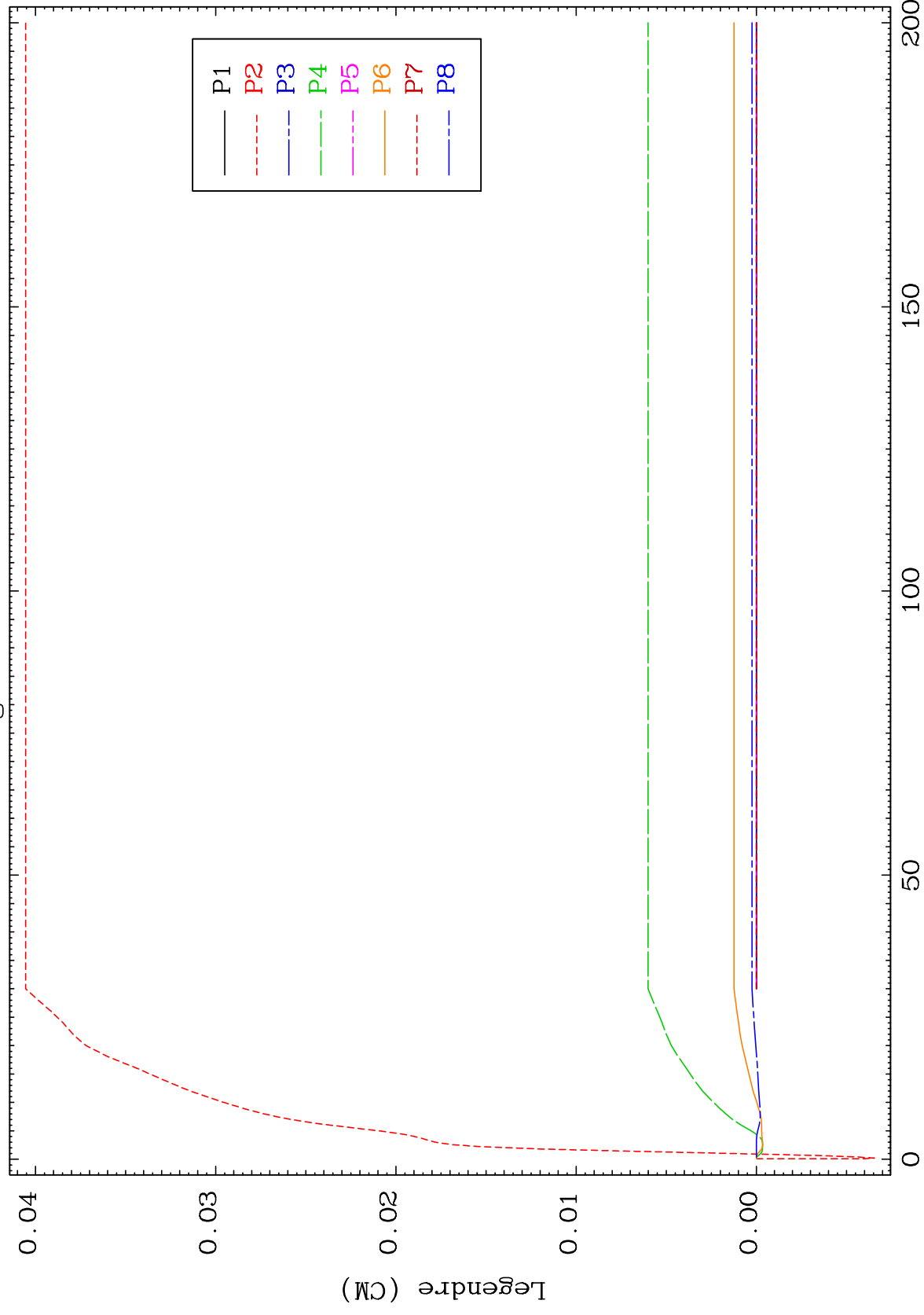
41-Nb-94



MAT 4128

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

41-Nb-94



41-Nb-94

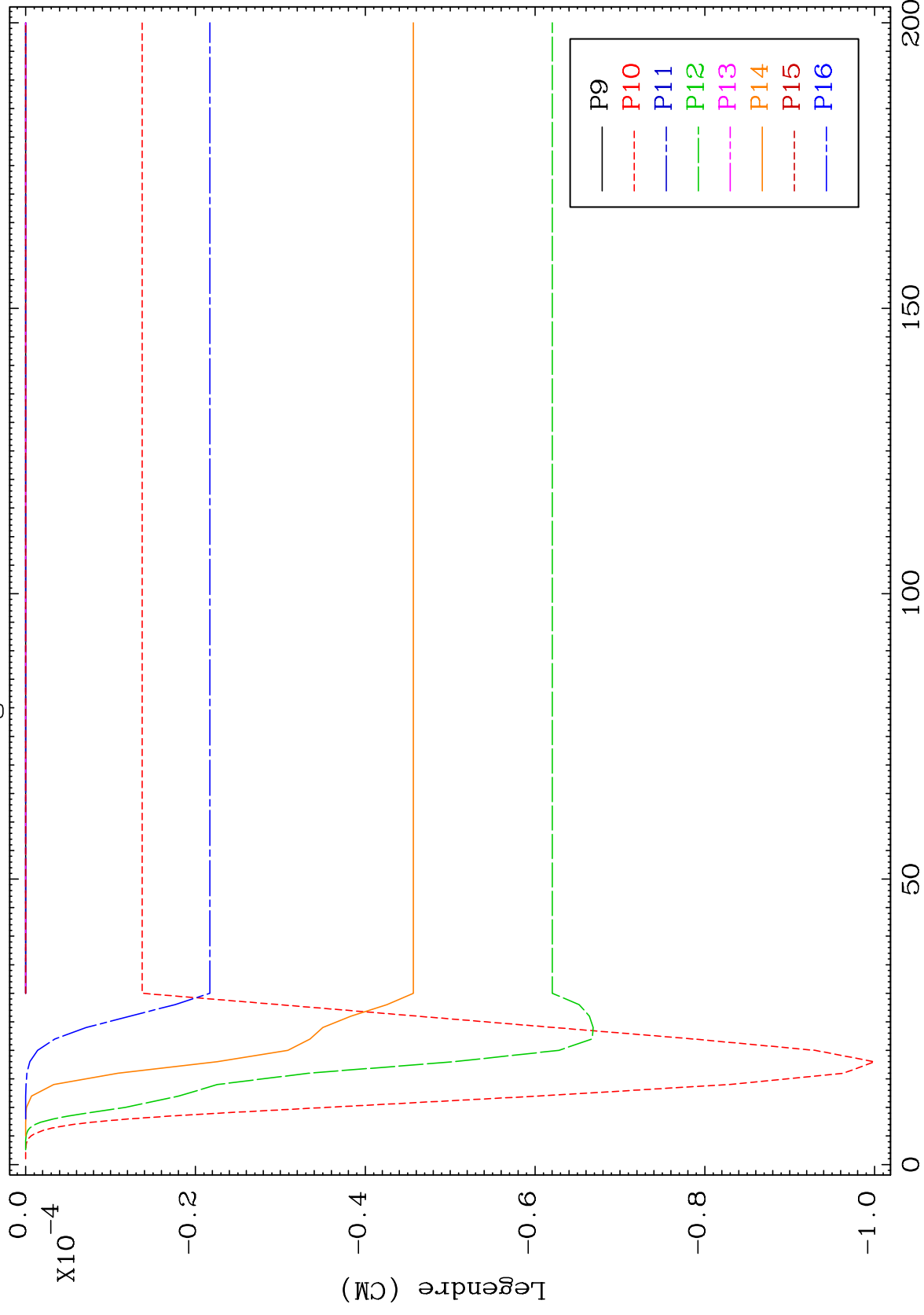
Incident Energy (MeV)

26

MAT 4128

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

41-Nb-94



27

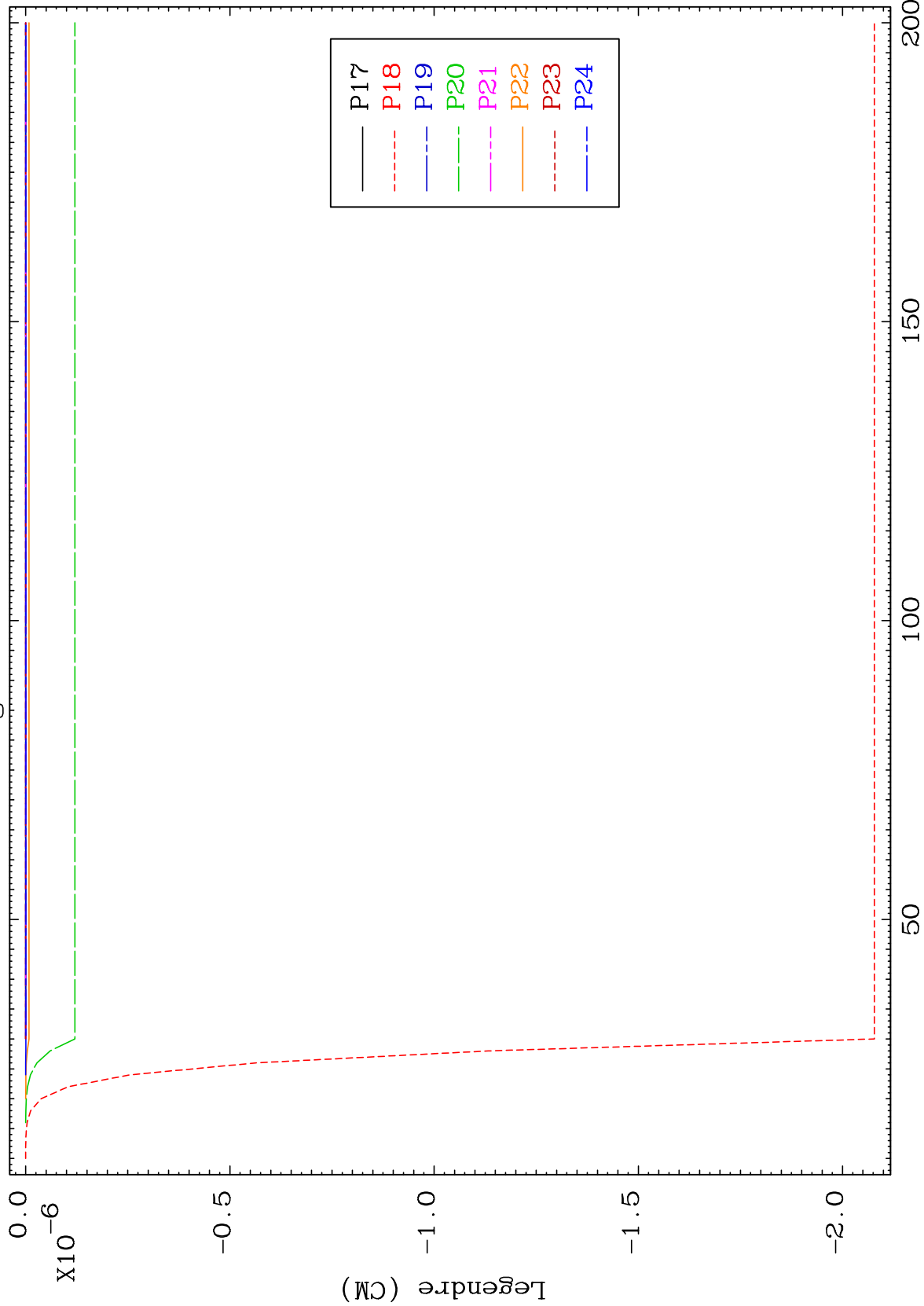
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

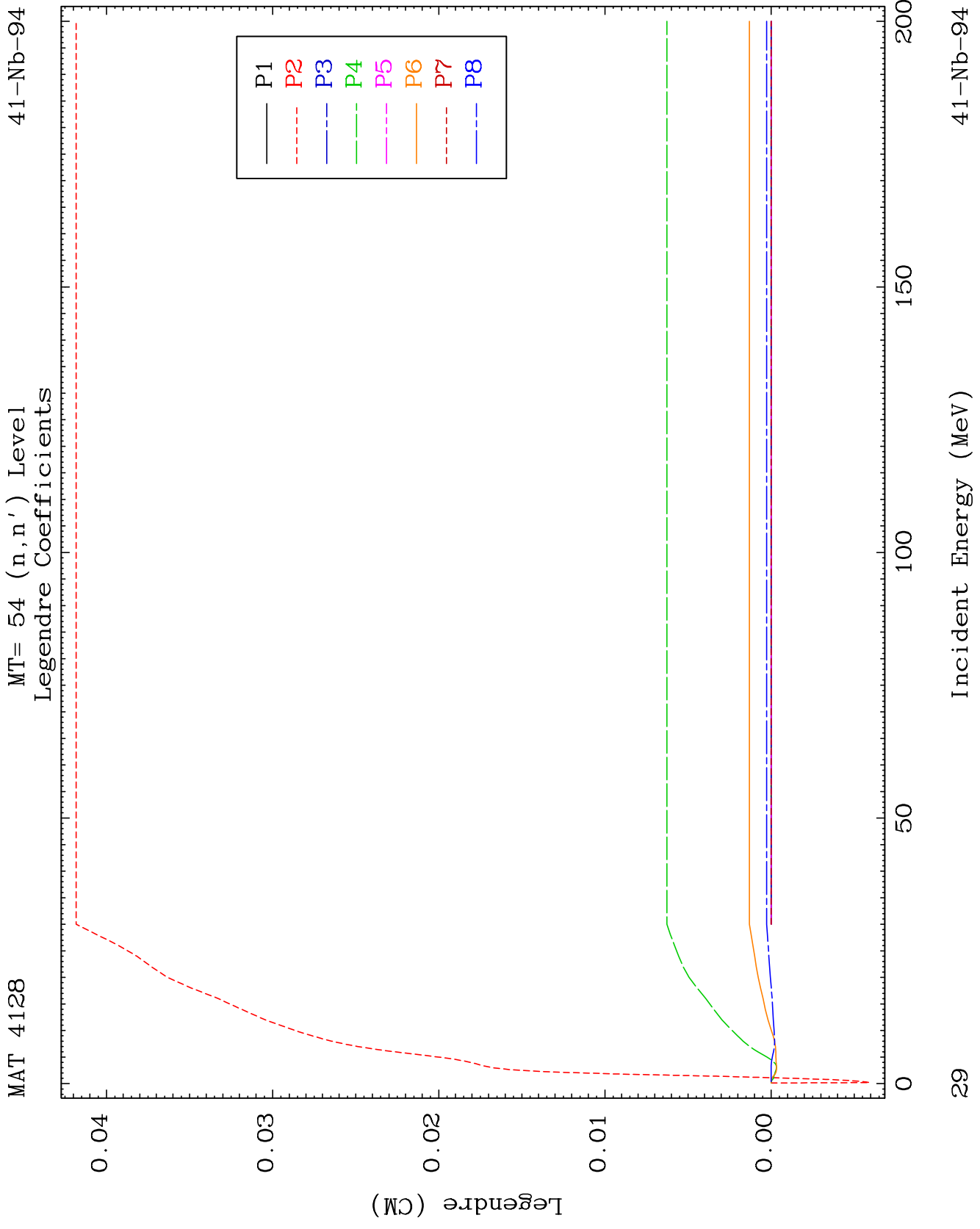
41-Nb-94



28

Incident Energy (MeV)

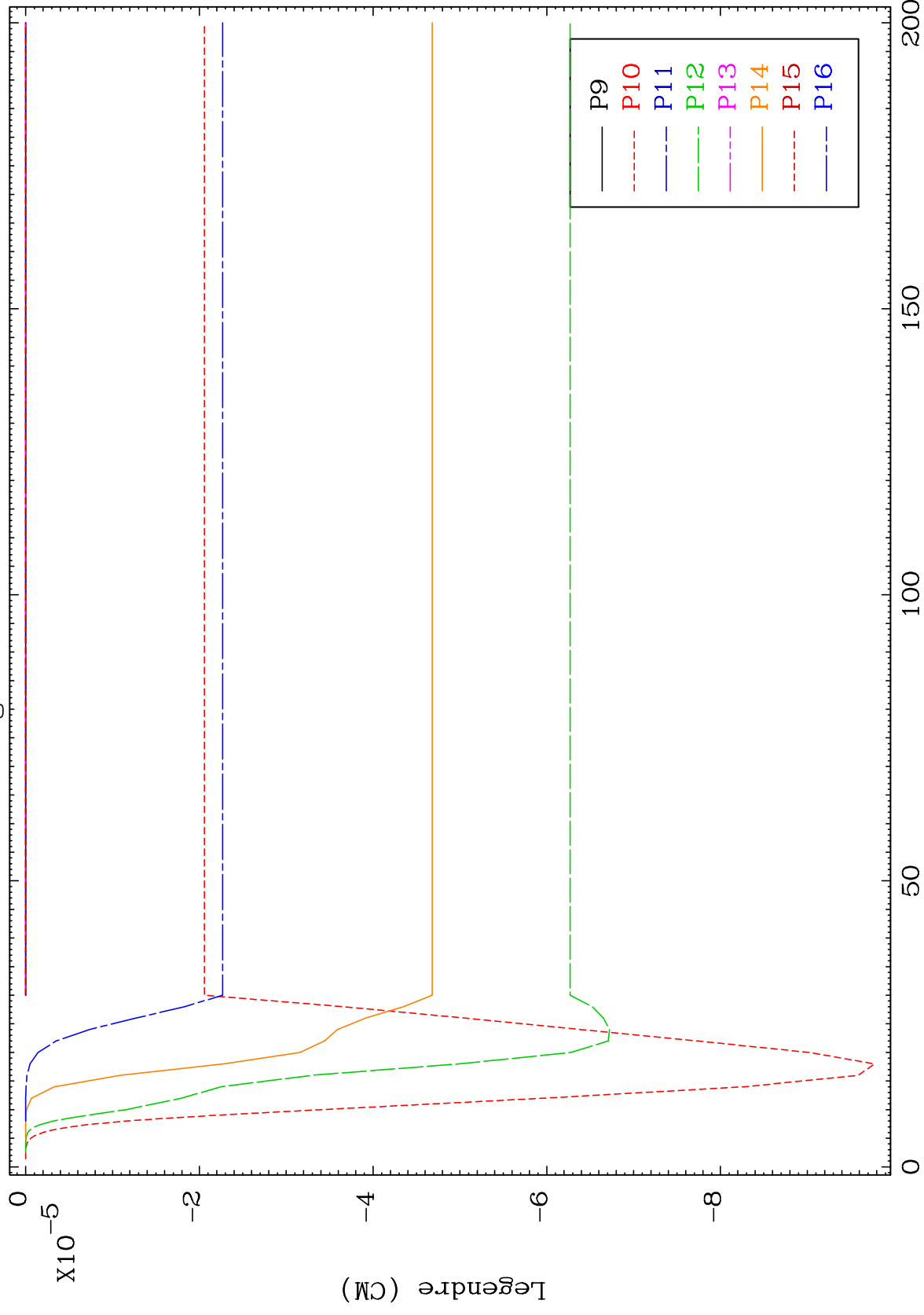
41-Nb-94



MAT 4128

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

41-Nb-94



30

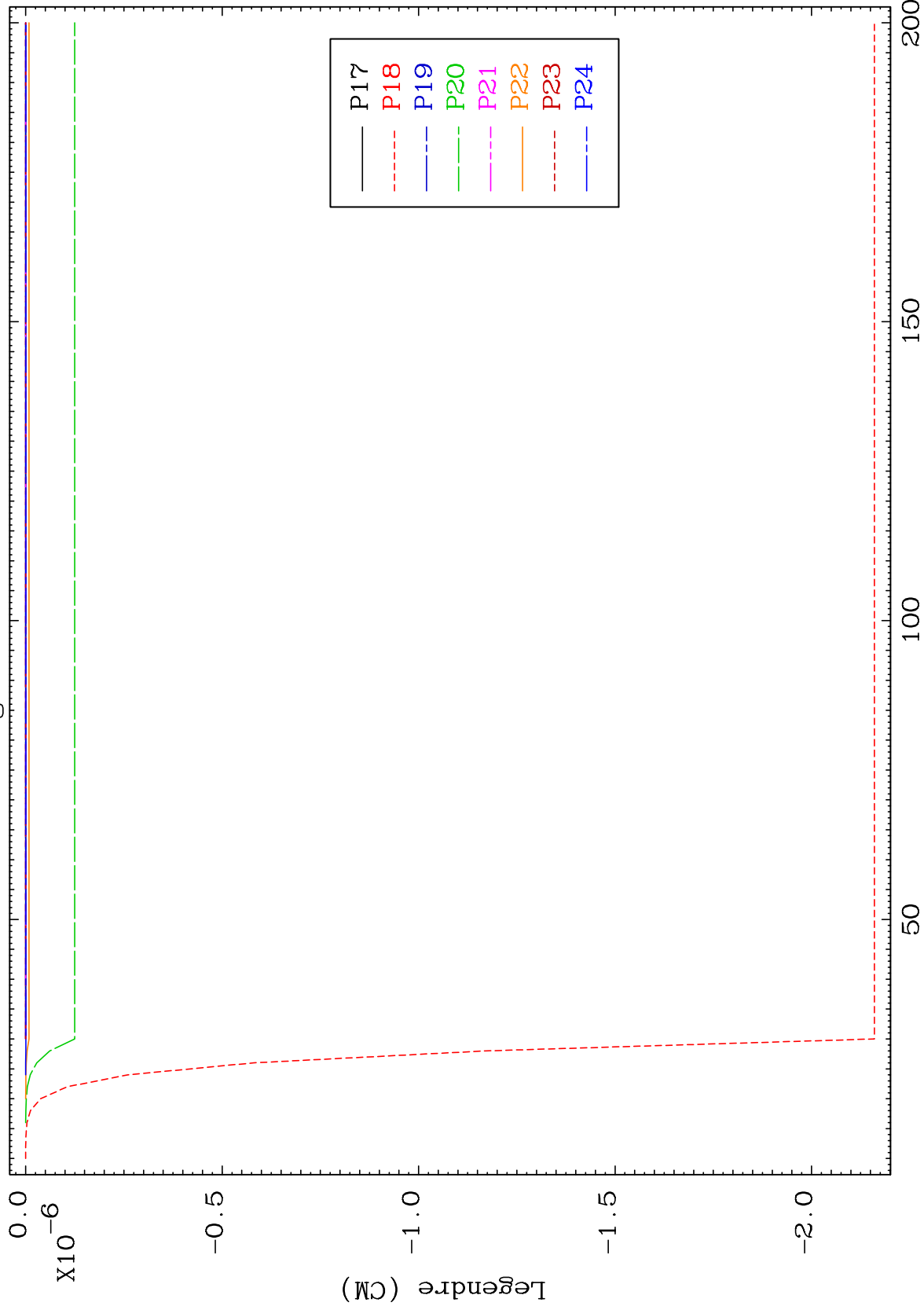
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

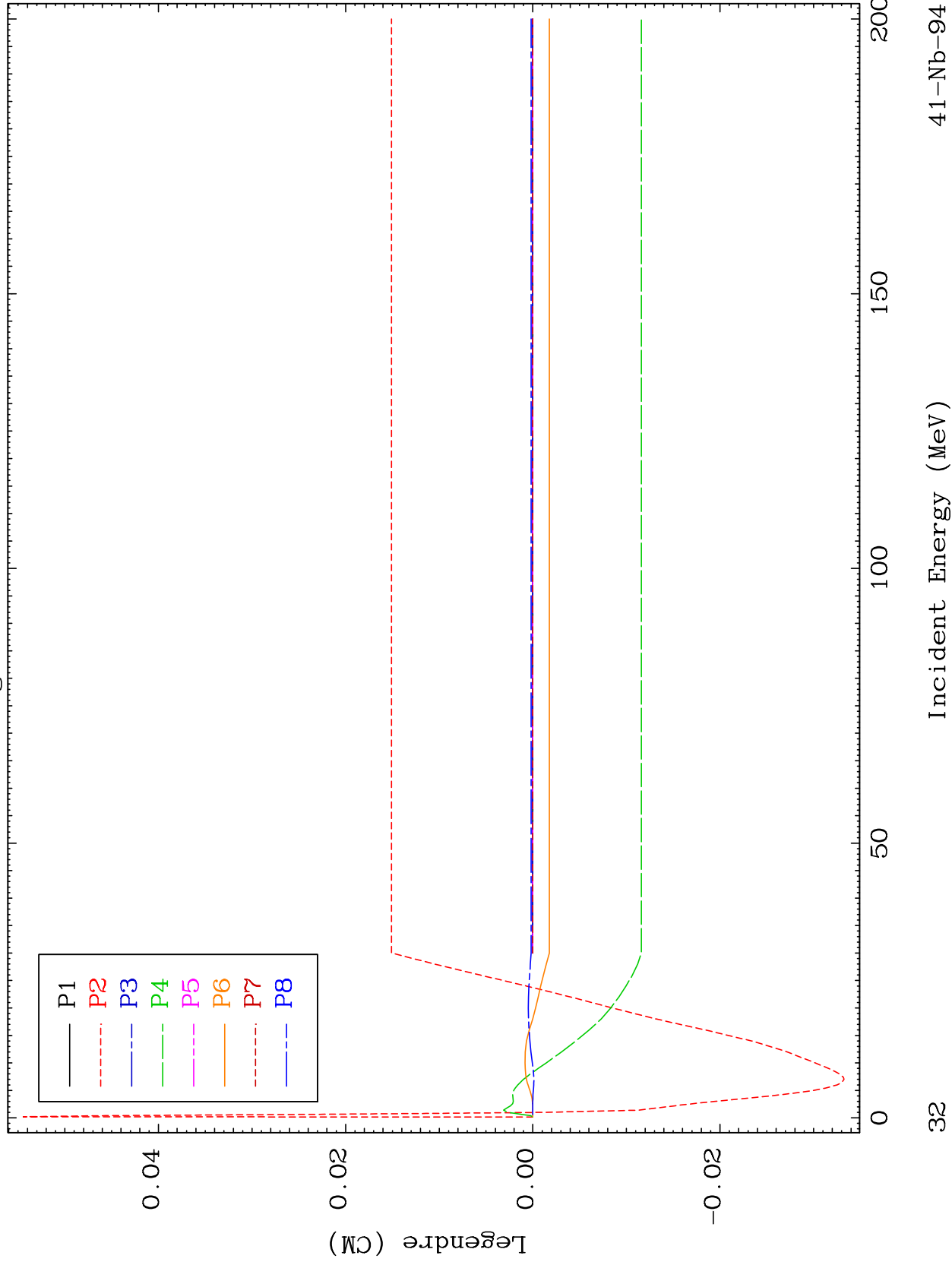
41-Nb-94



MAT 4128

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

41-Nb-94



32

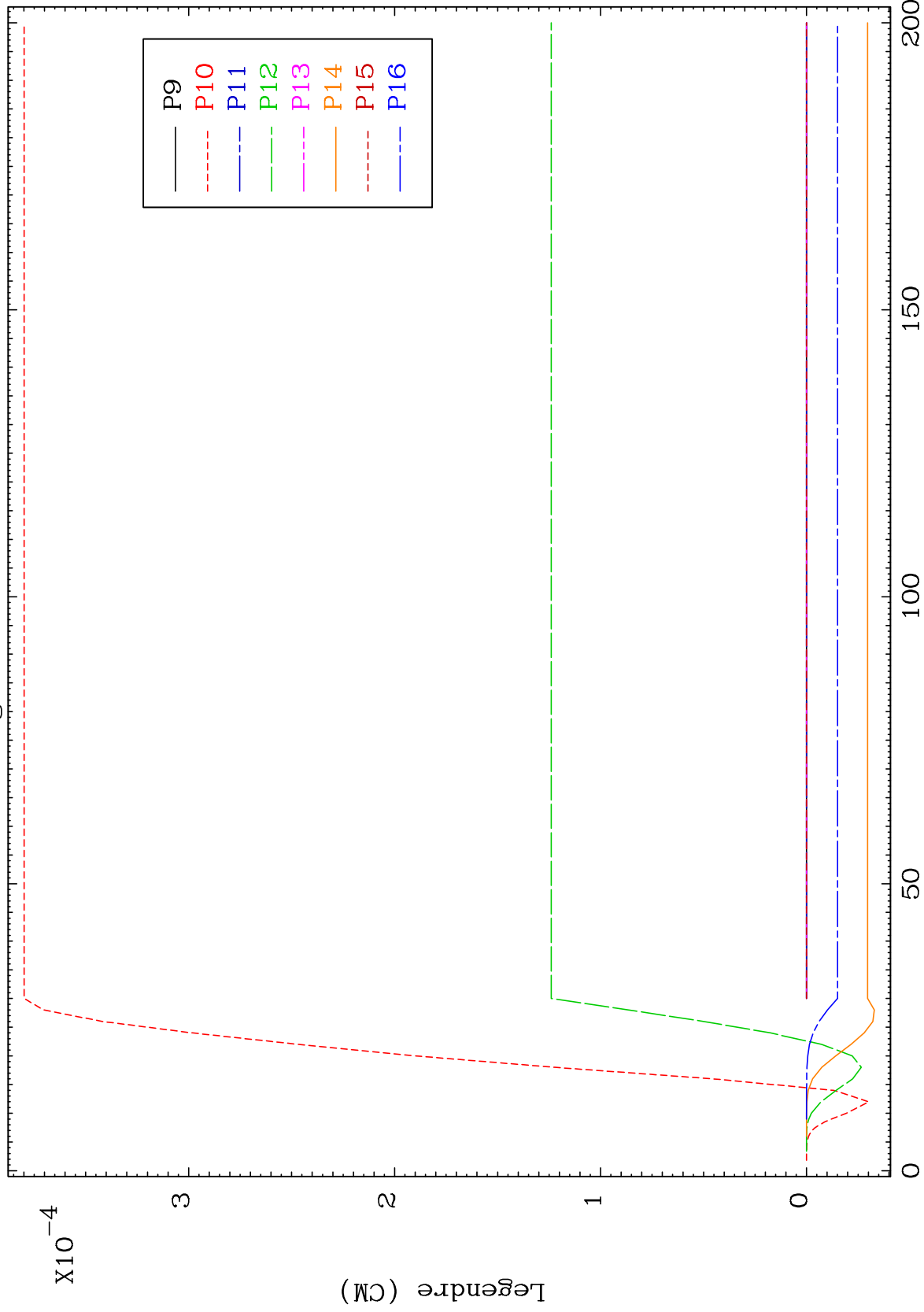
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

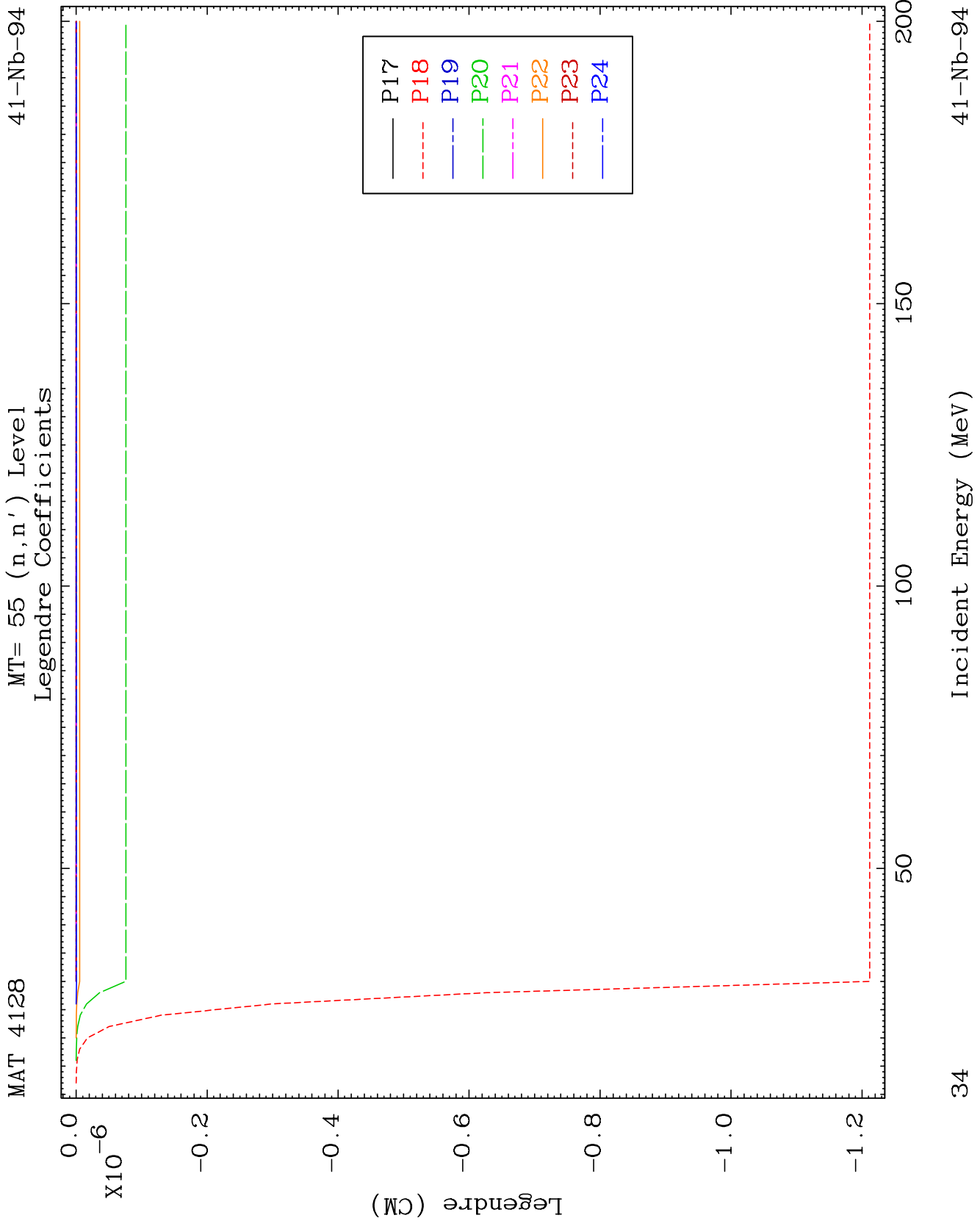
41-Nb-94



33

Incident Energy (MeV)

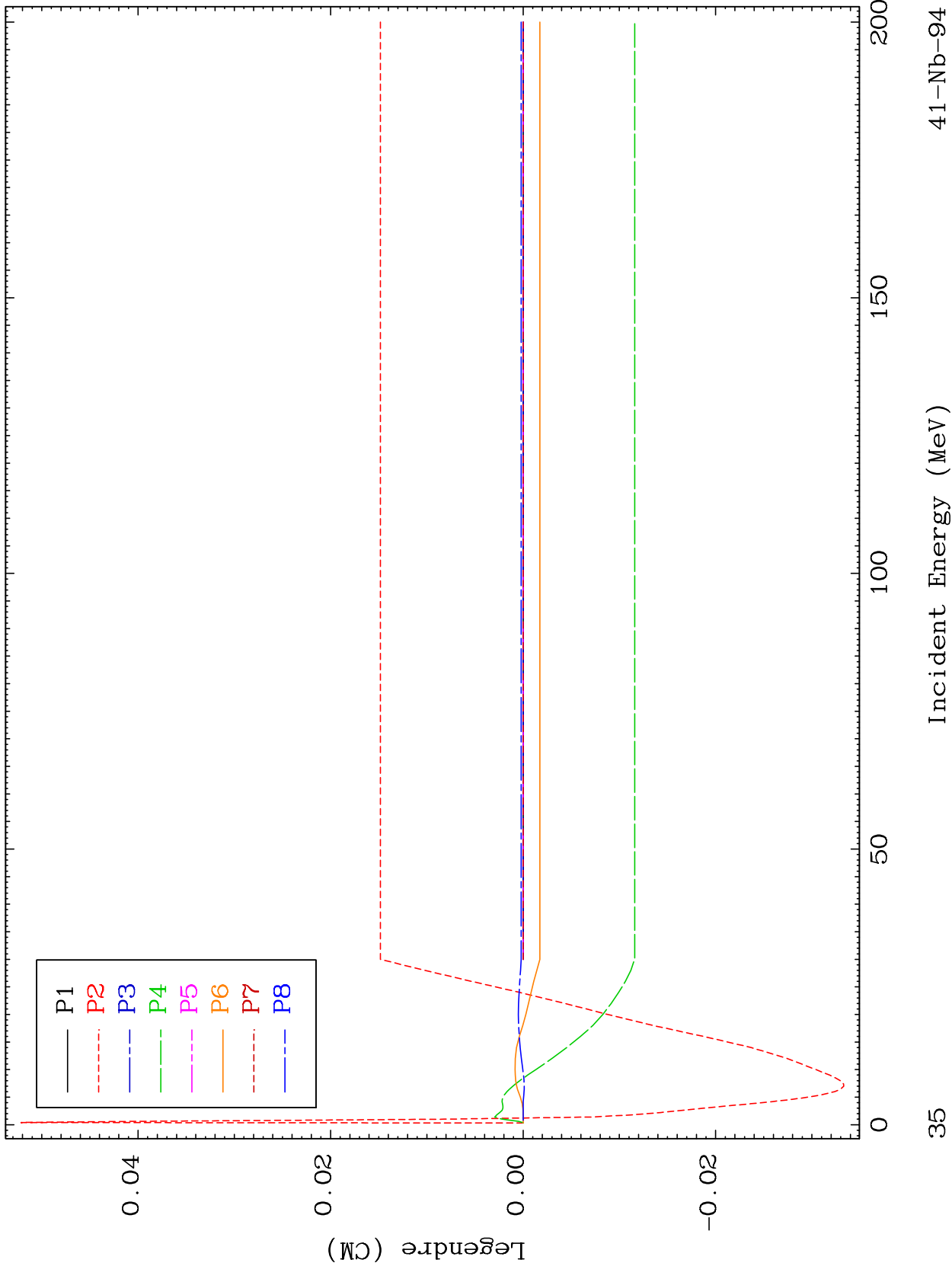
41-Nb-94



MAT 4128

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

41-Nb-94



41-Nb-94

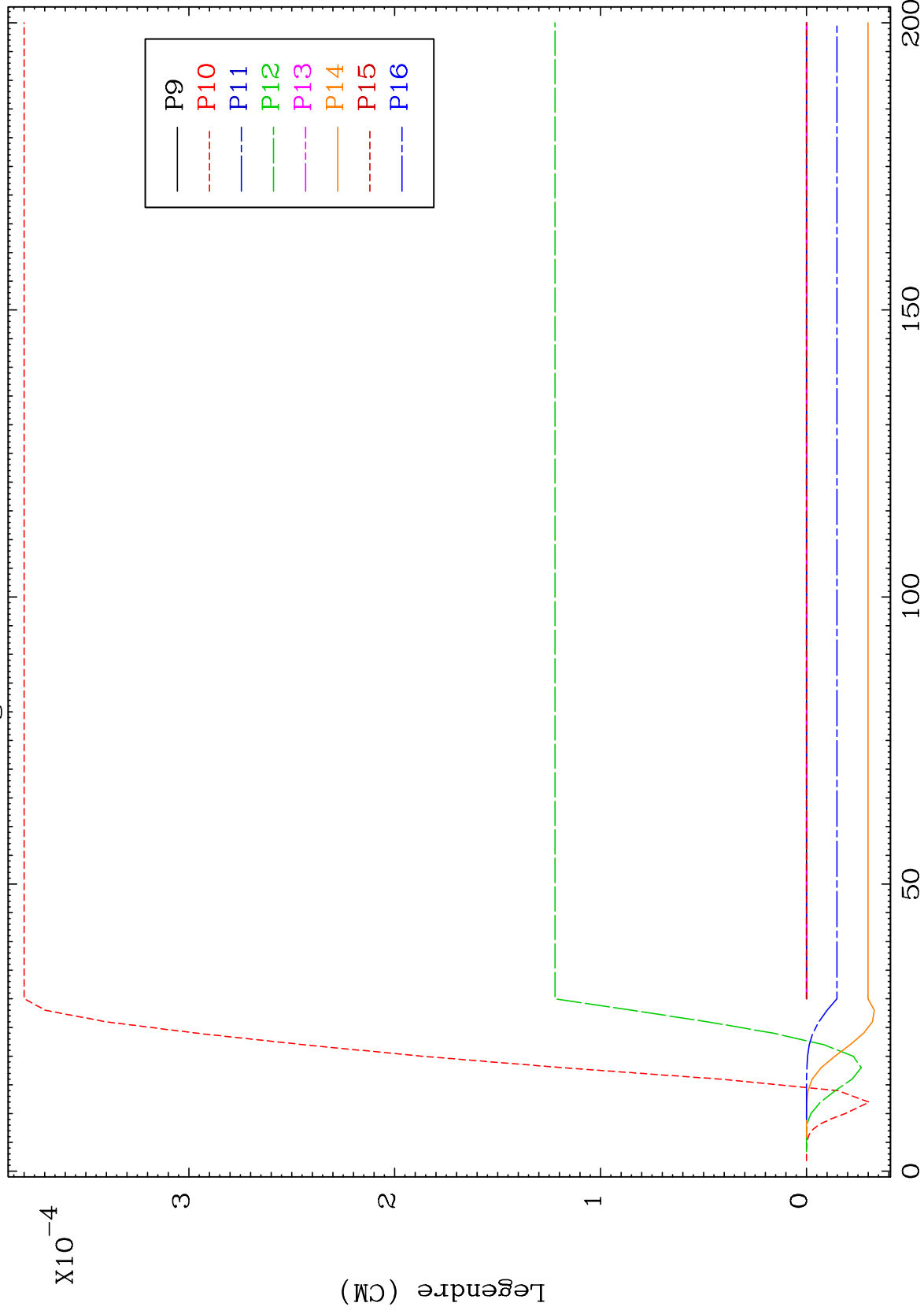
Incident Energy (MeV)

35

MAT 4128

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

41-Nb-94



36

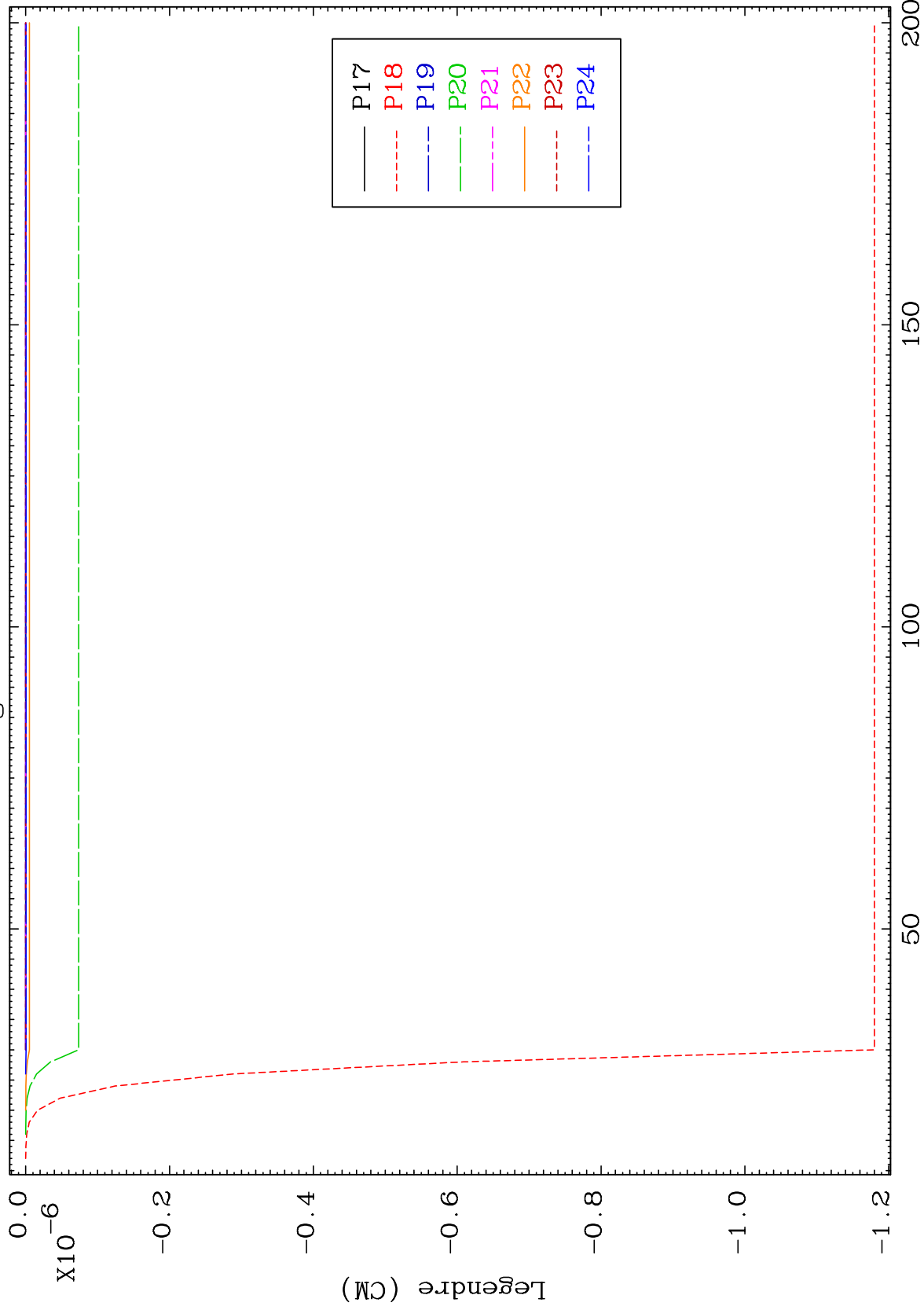
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



37

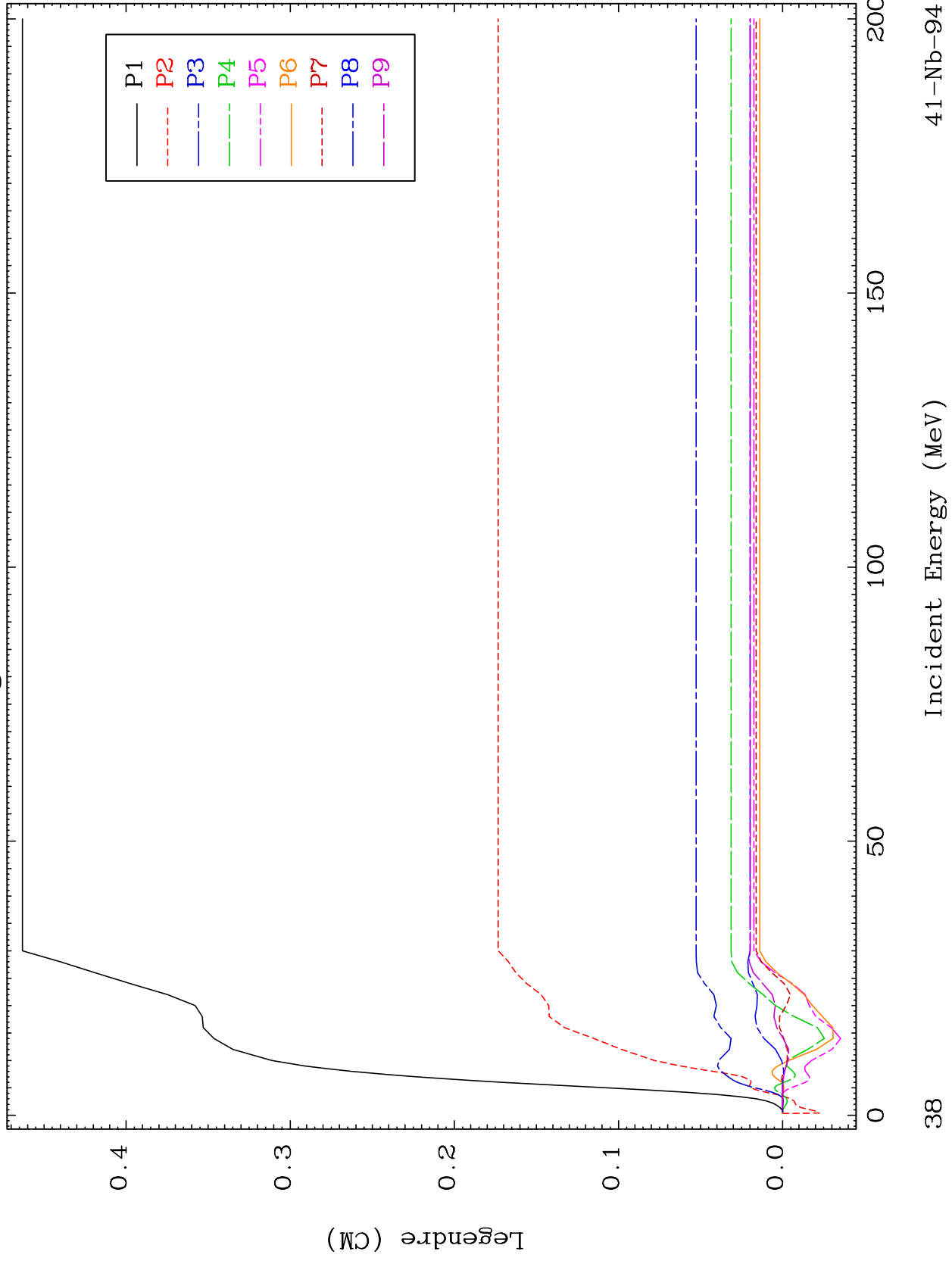
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



41-Nb-94

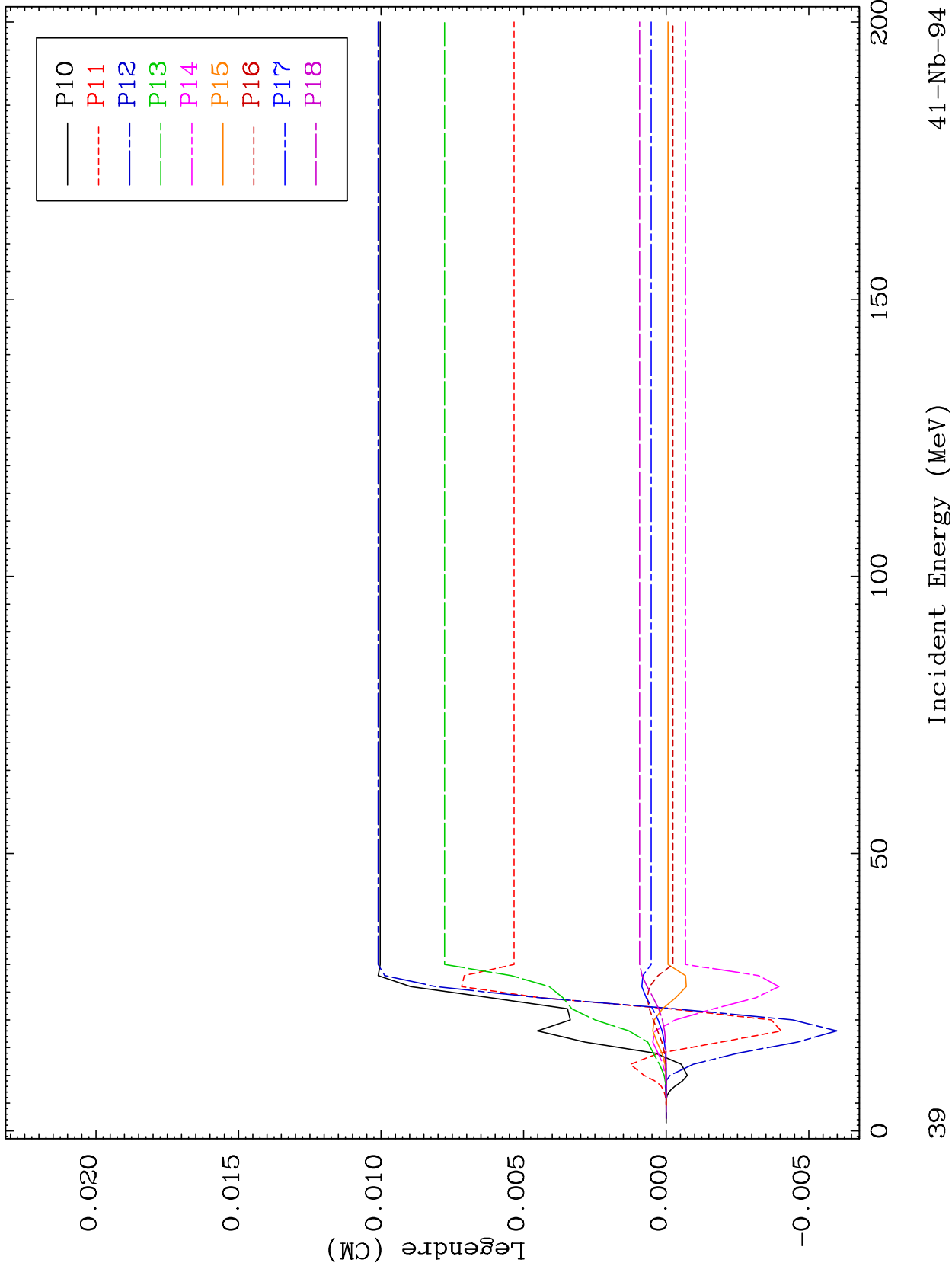
Incident Energy (MeV)

38

MAT 4128

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

41-Nb-94



39

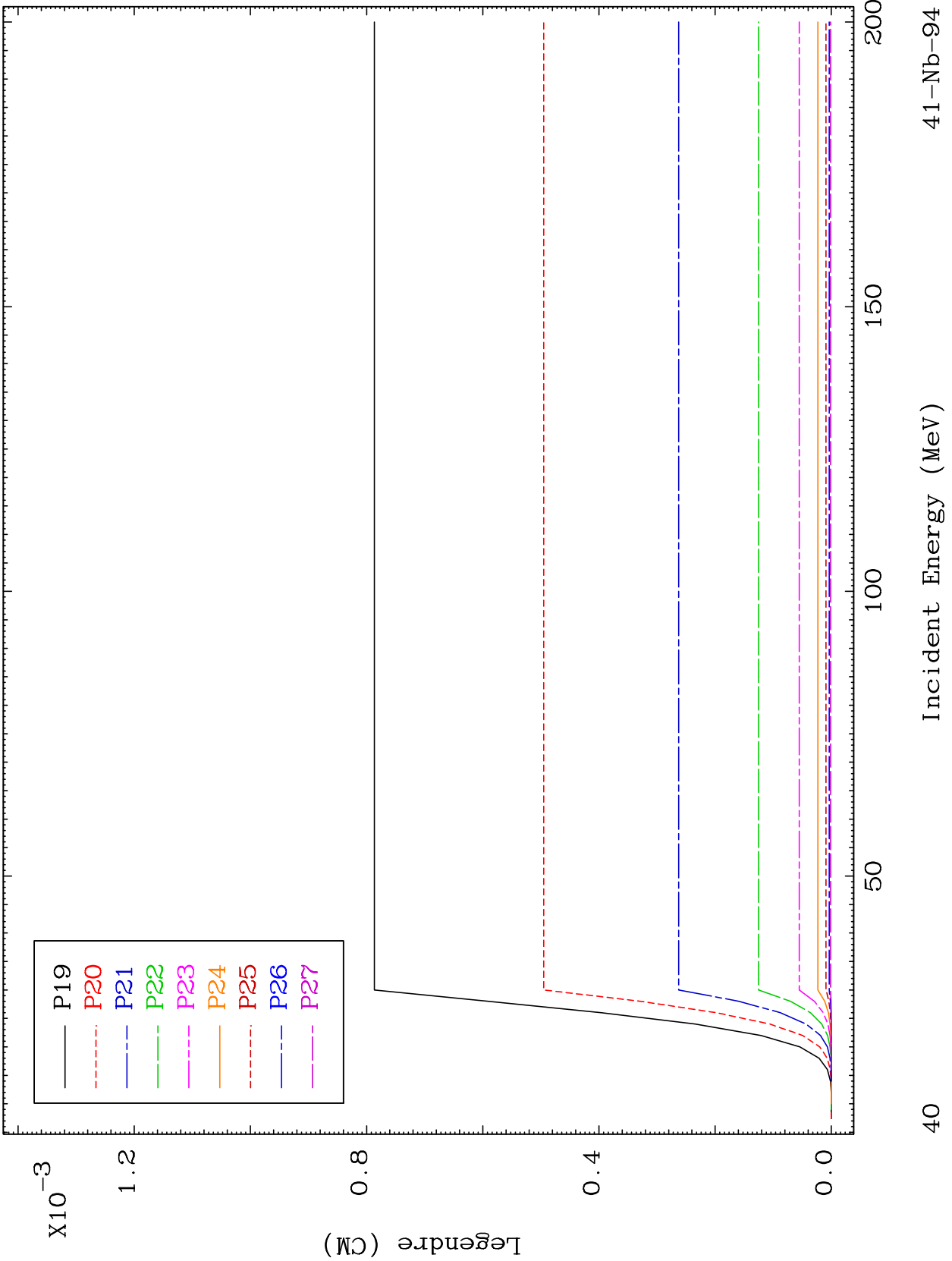
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

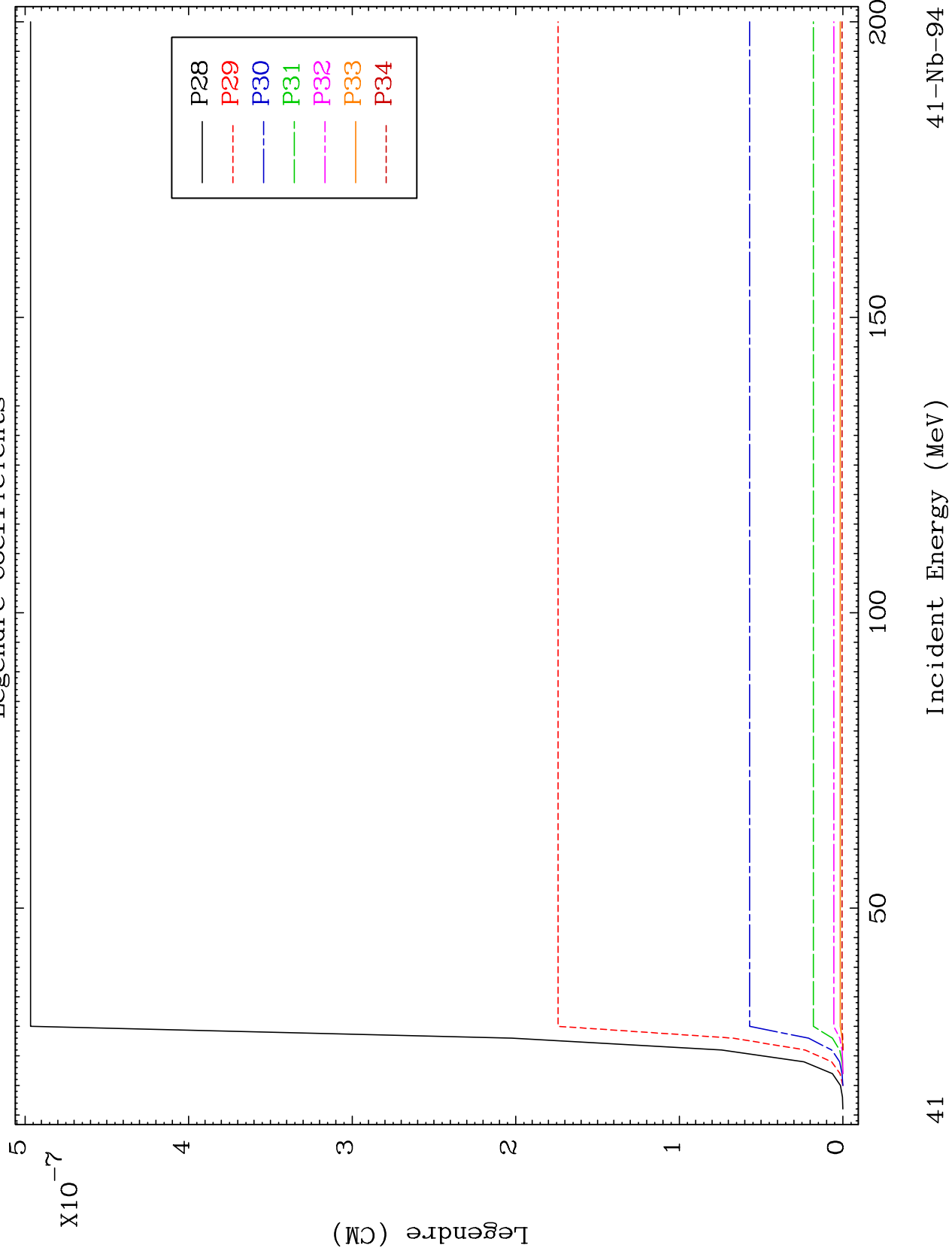
41-Nb-94



MAT 4128

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

41-Nb-94



41

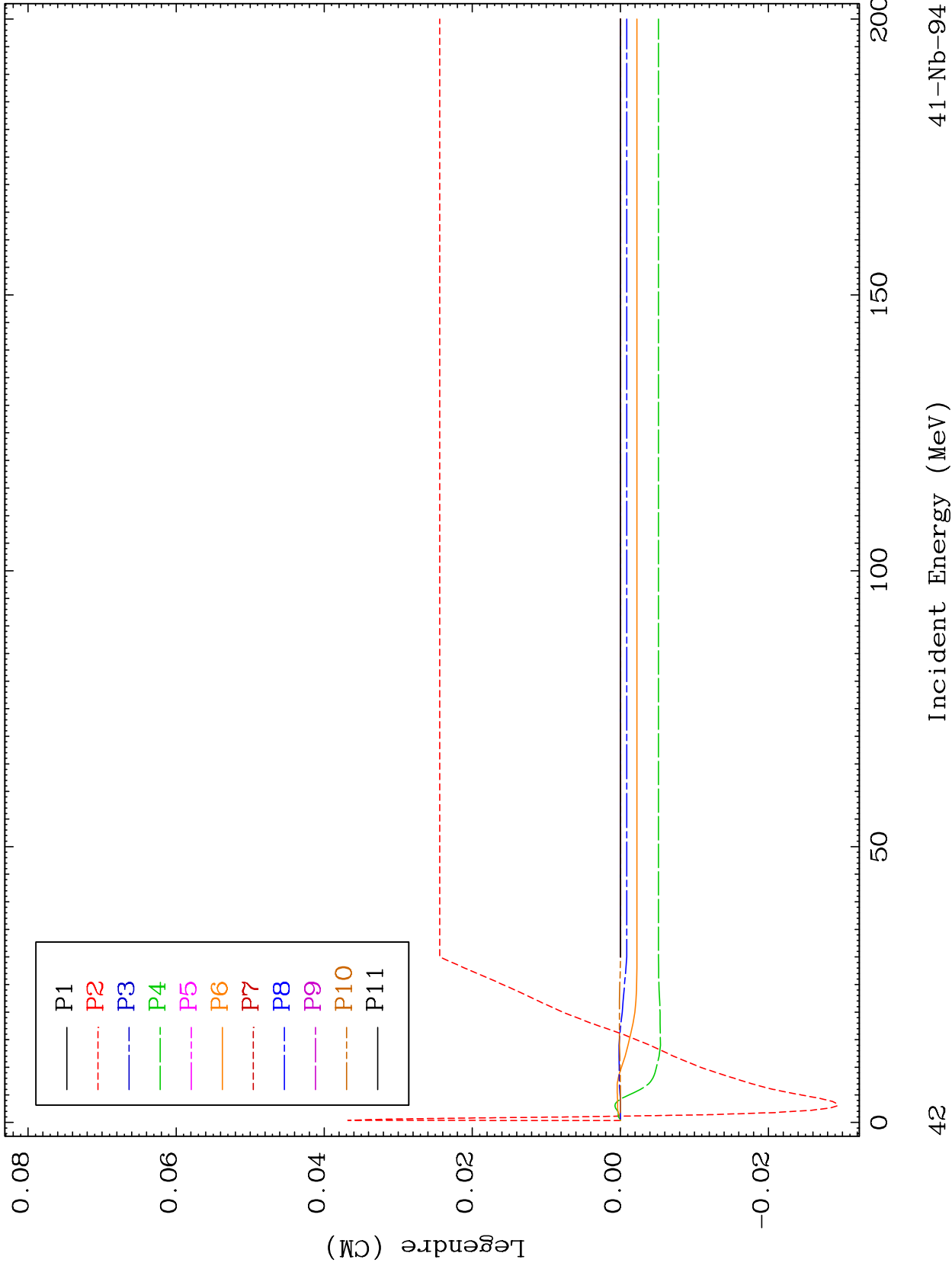
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

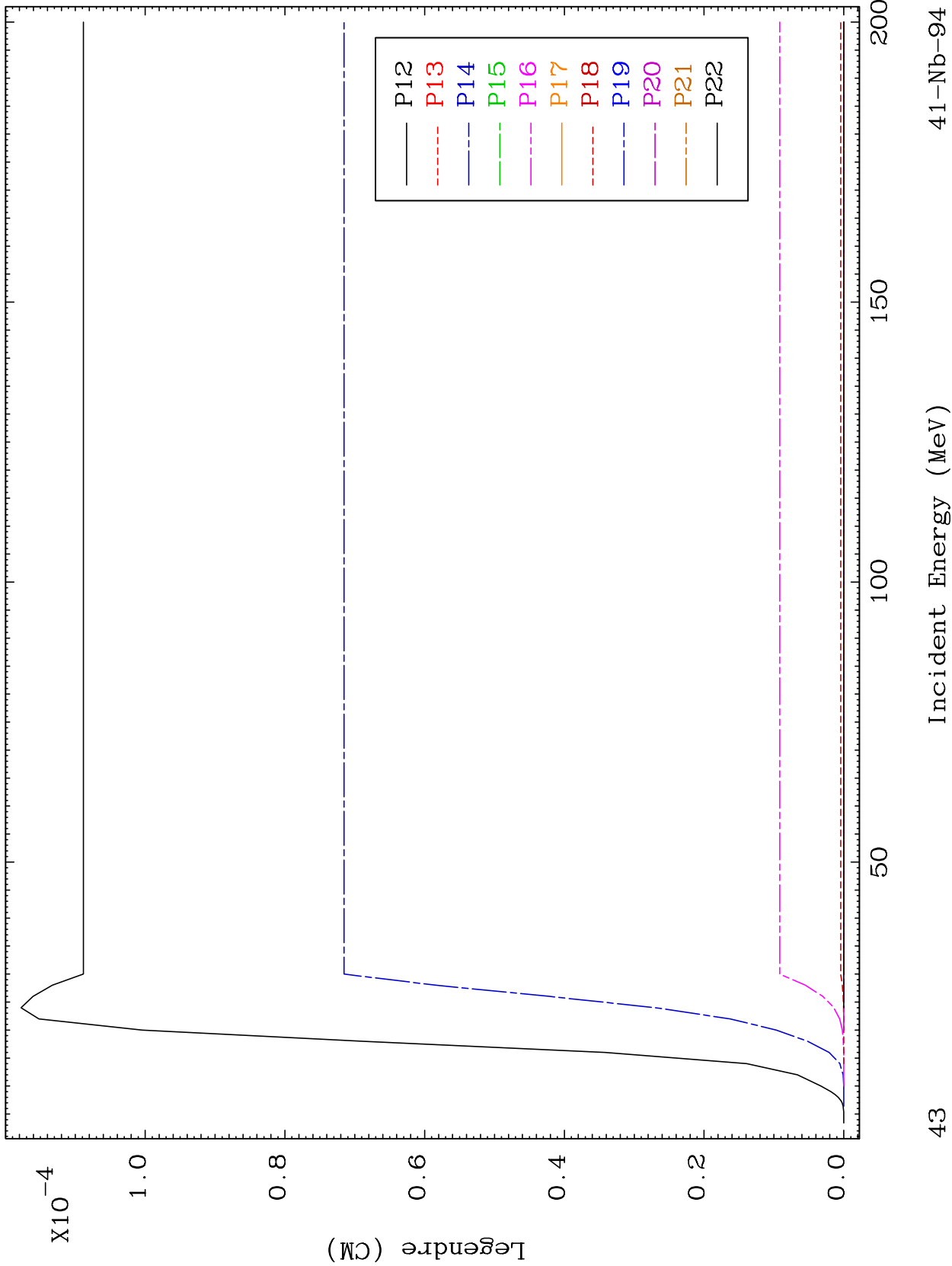
41-Nb-94



41-Nb-94

Incident Energy (MeV)

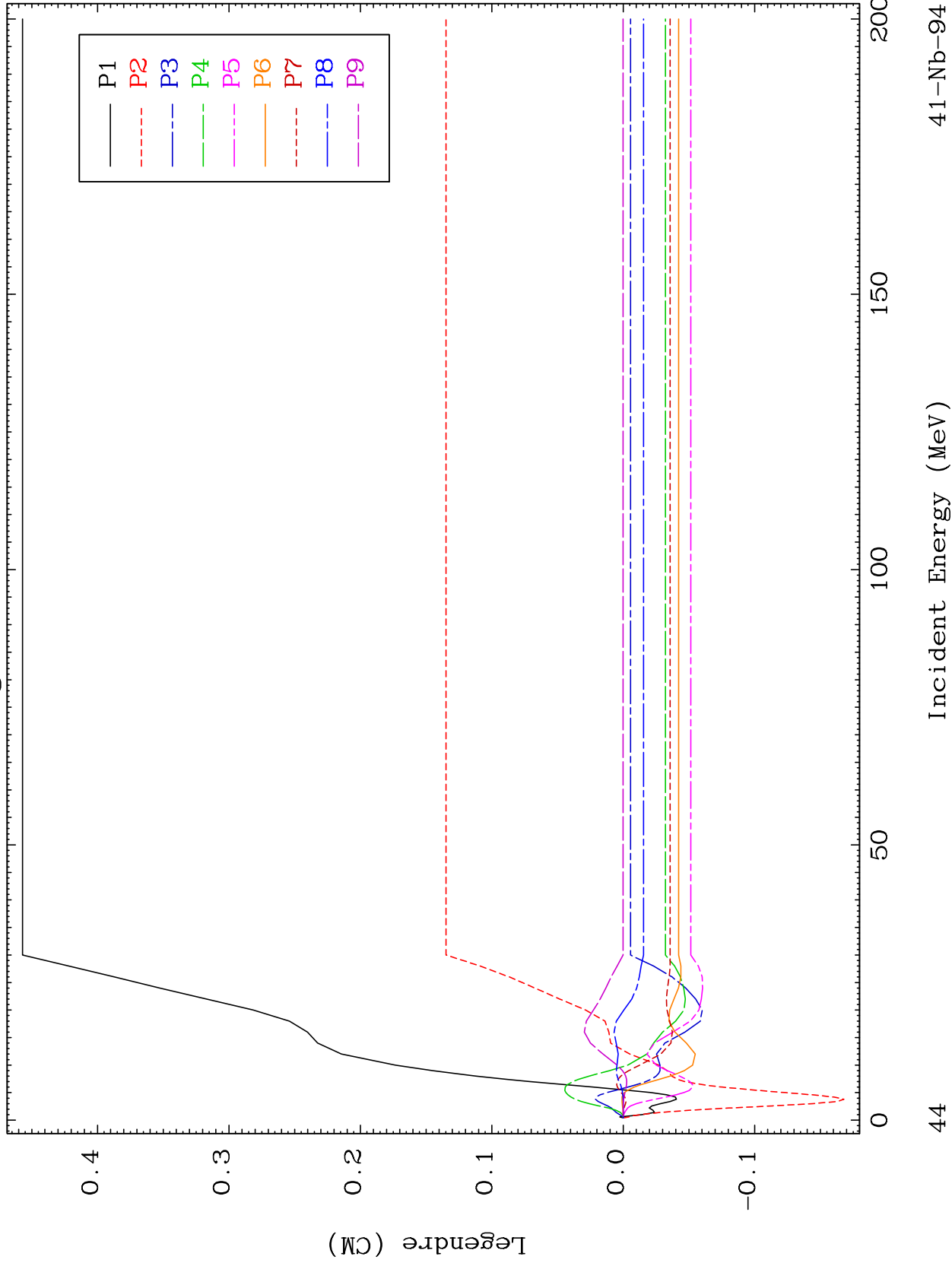
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MAT 4128

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

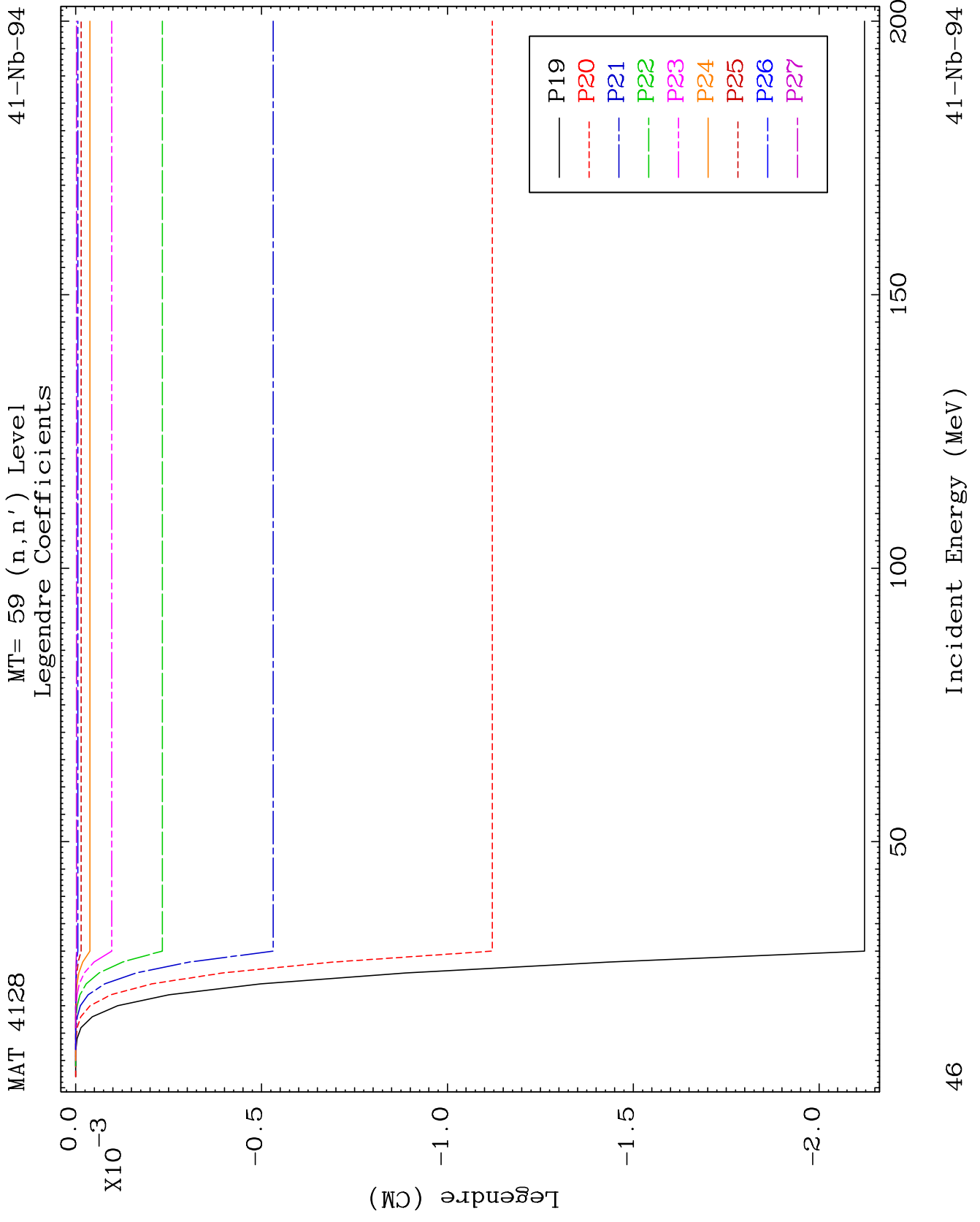
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41-Nb-94

Incident Energy (MeV)

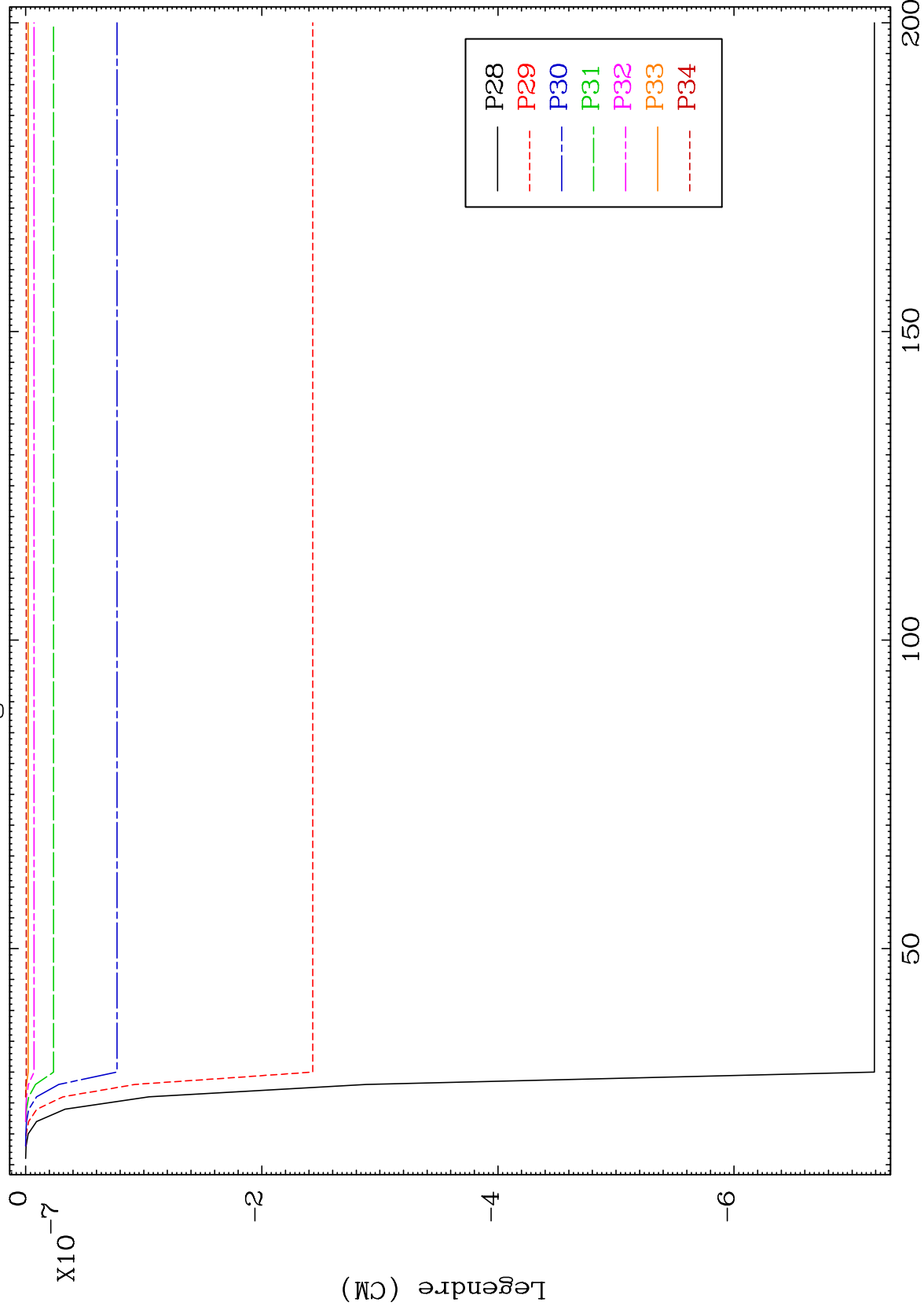
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MAT 4128

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

41-Nb-94



47

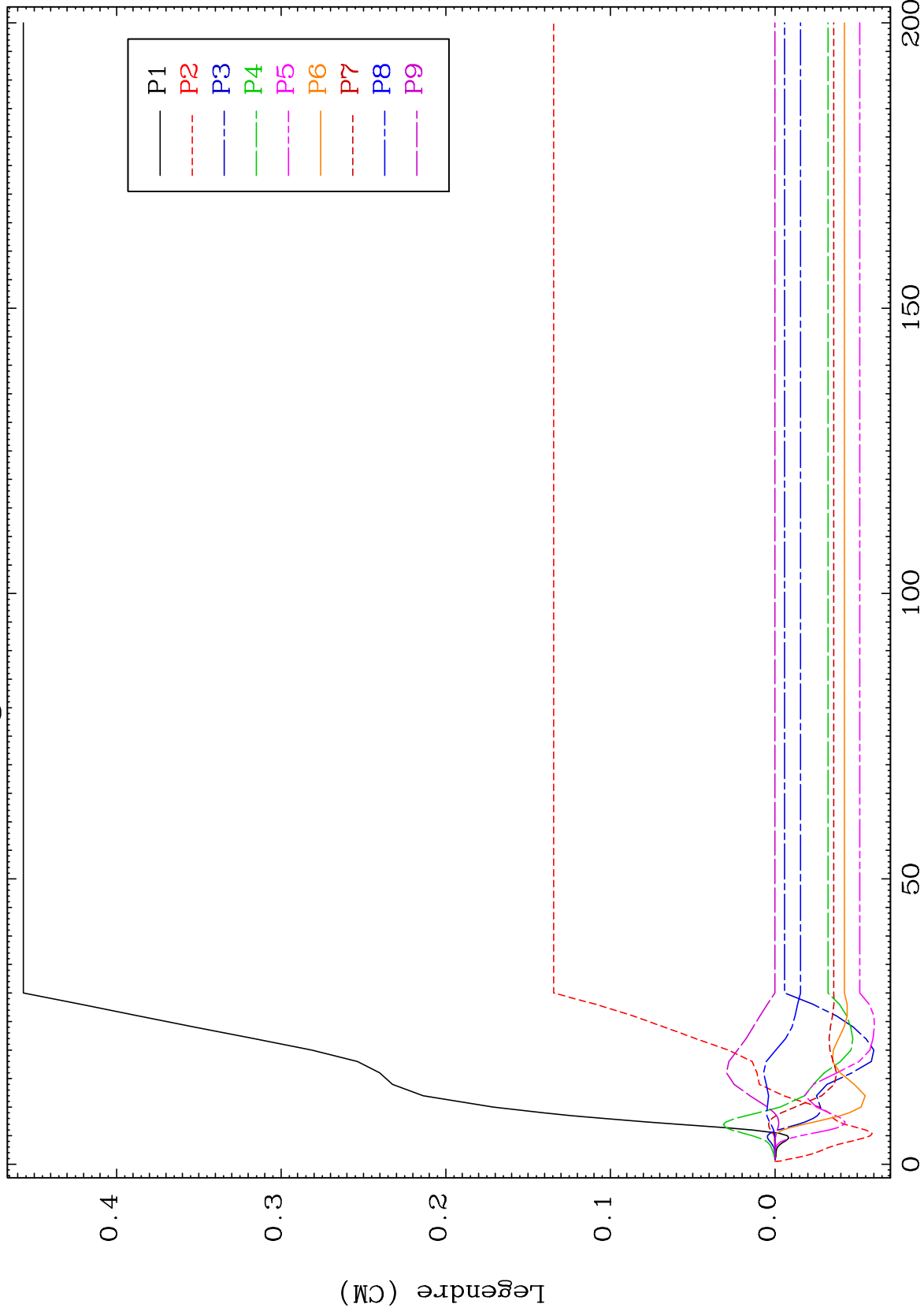
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



48

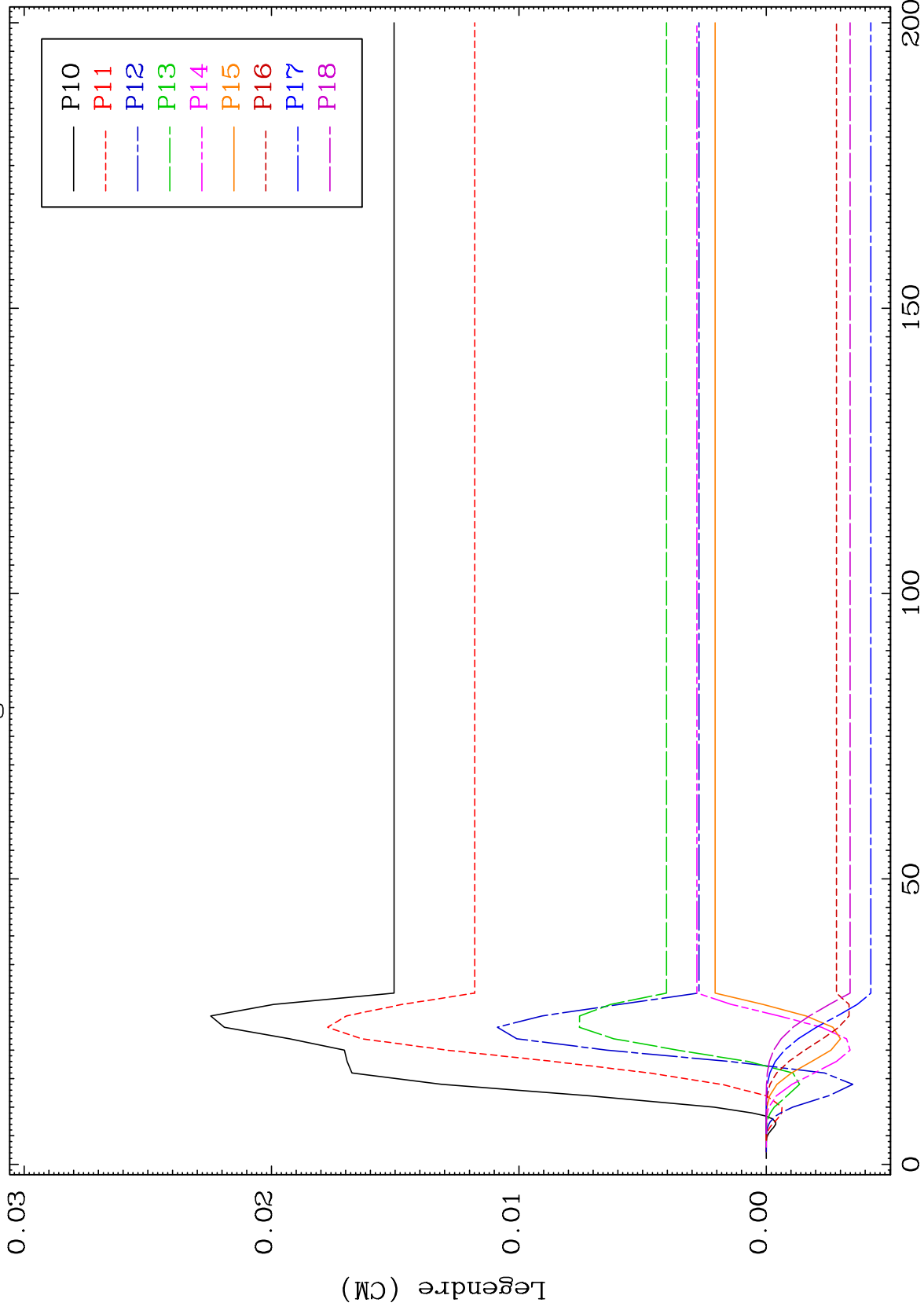
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

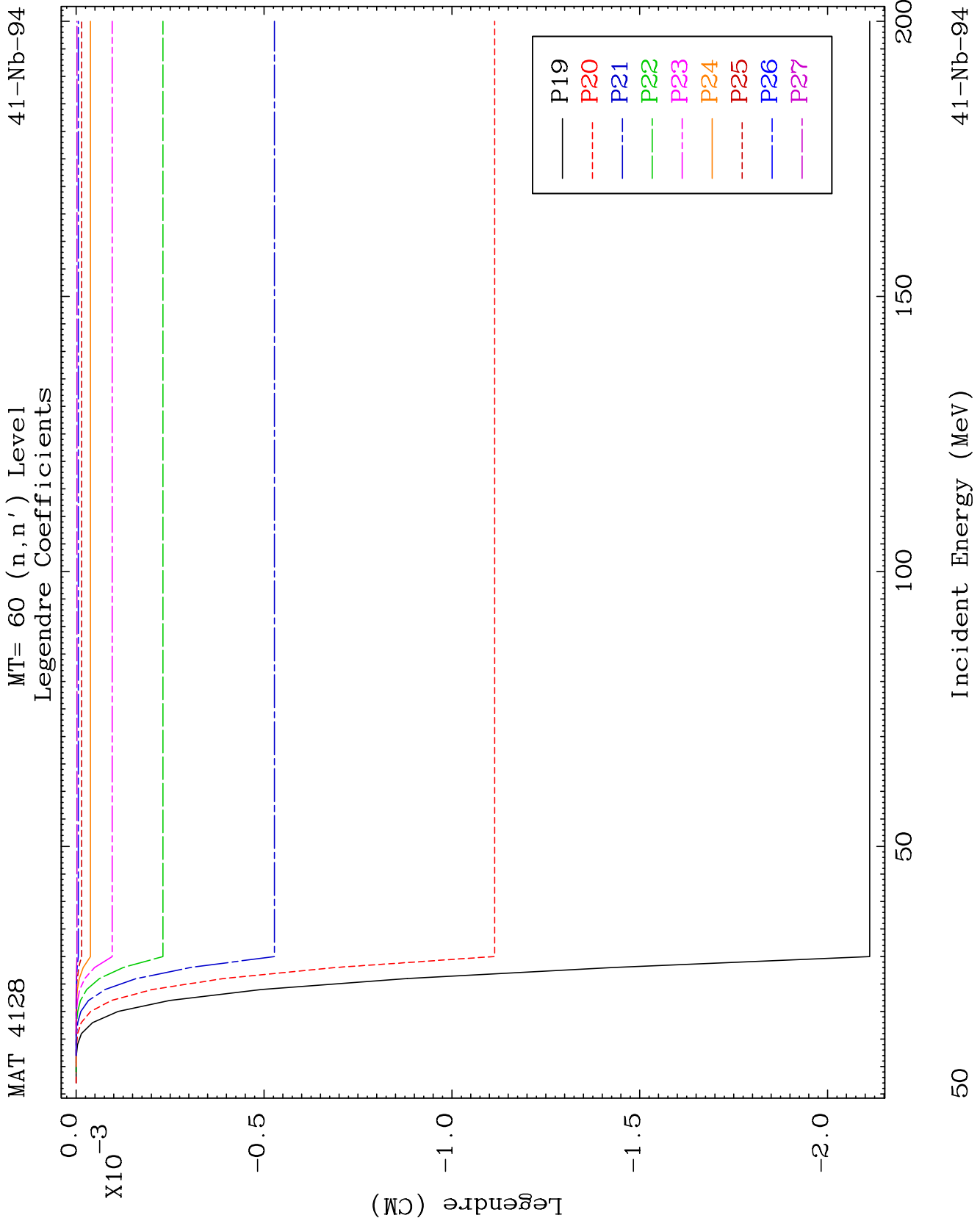
41-Nb-94



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Incident Energy (MeV)

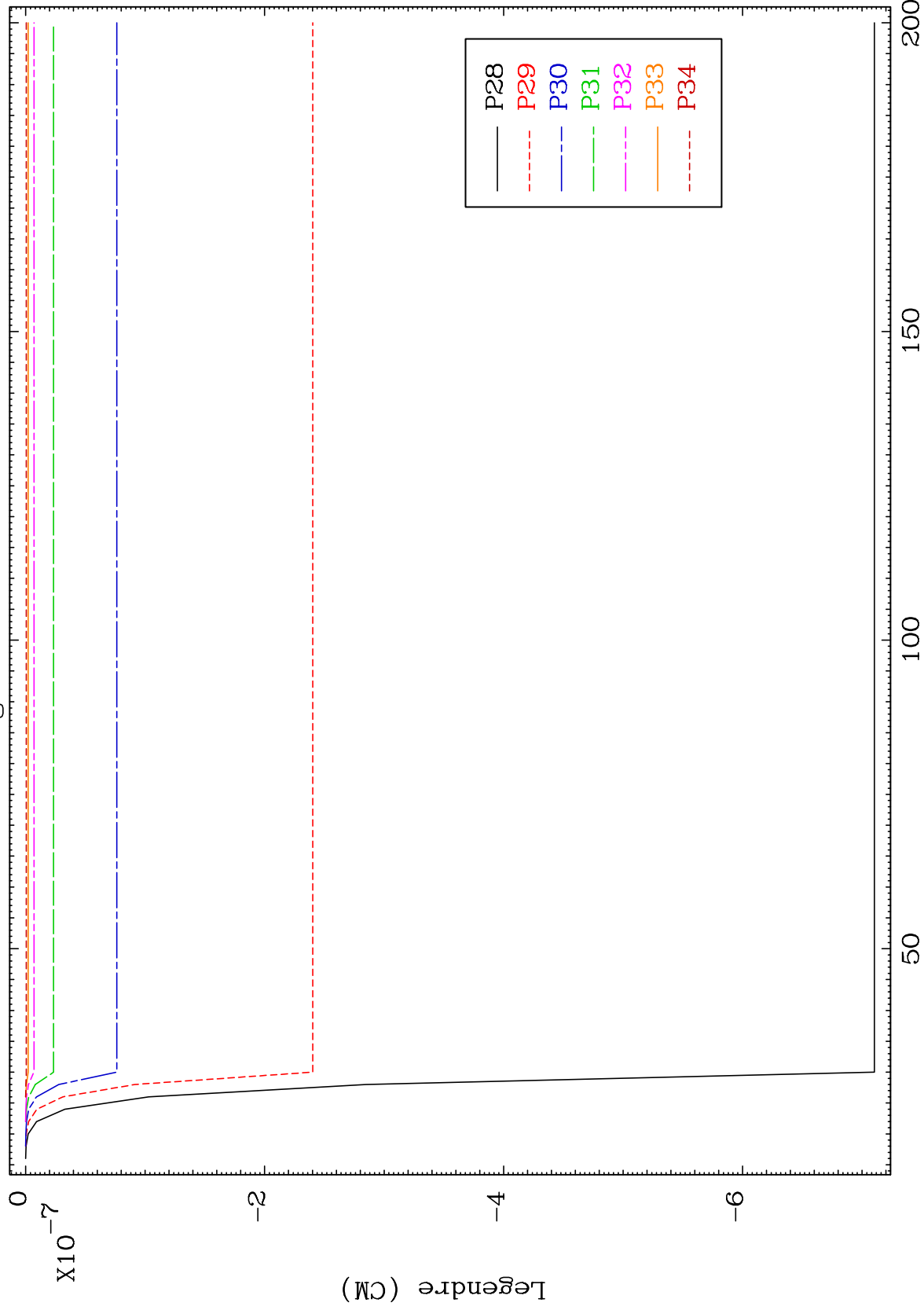
41-Nb-94



MAT 4128

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

41-Nb-94



51

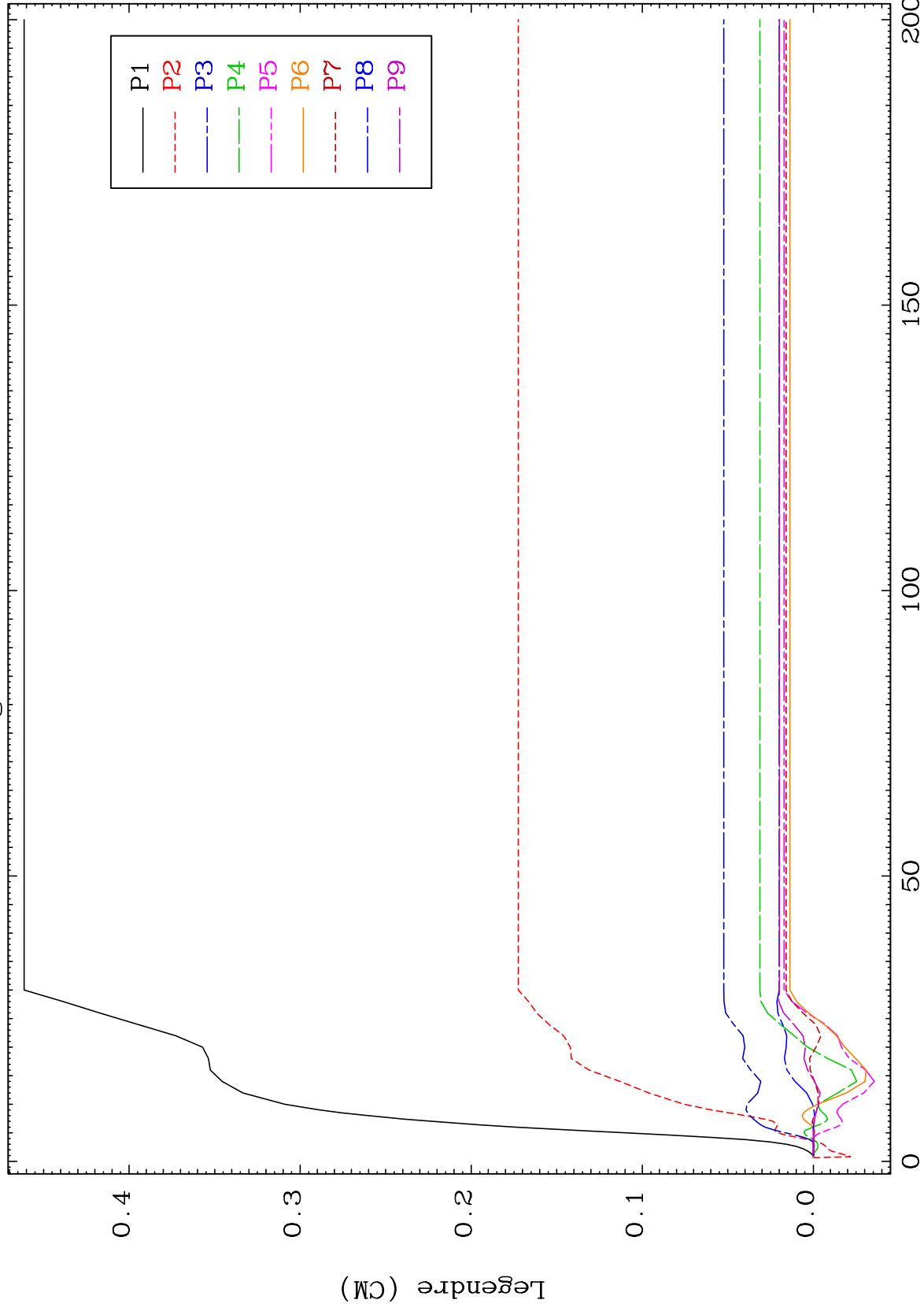
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



52

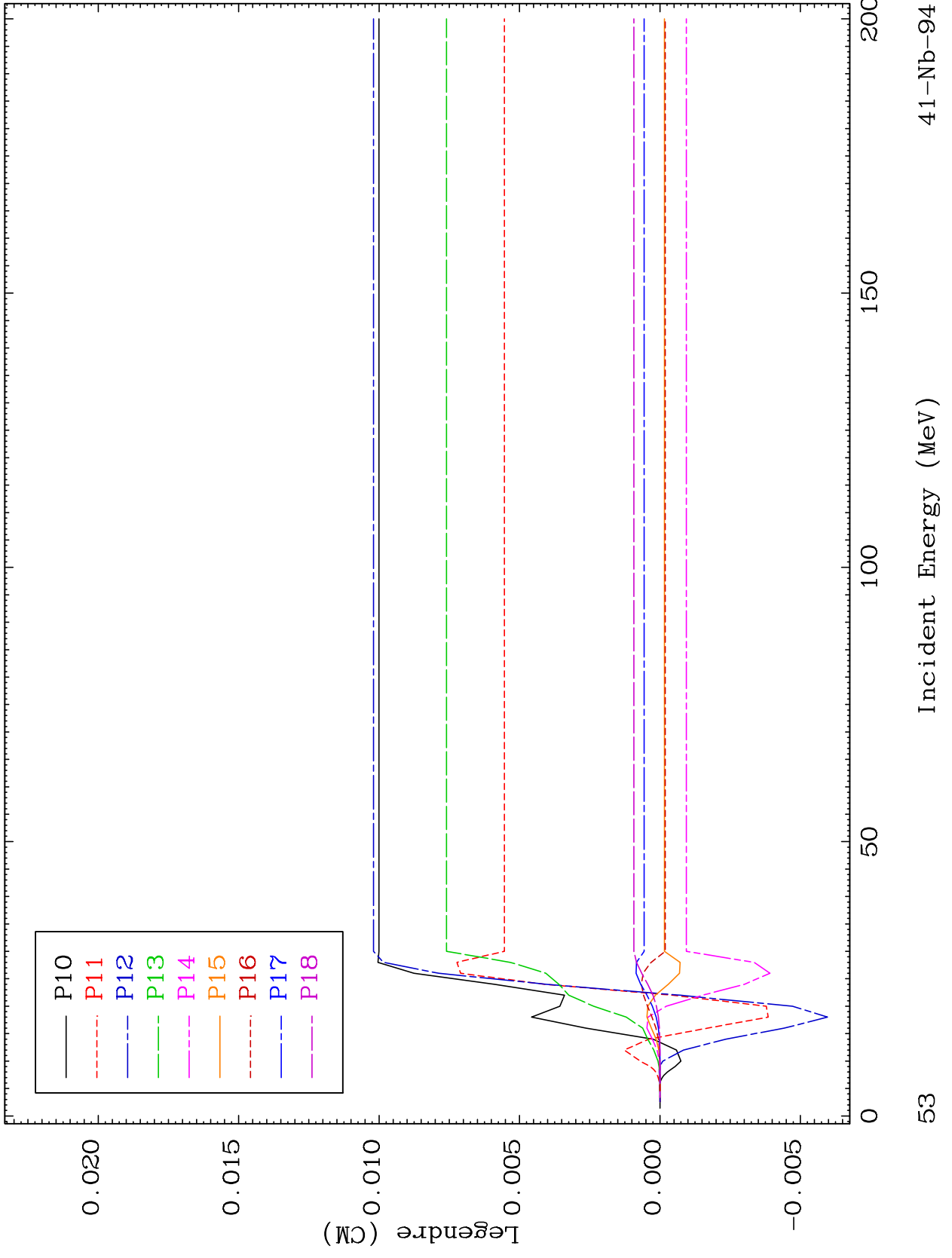
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

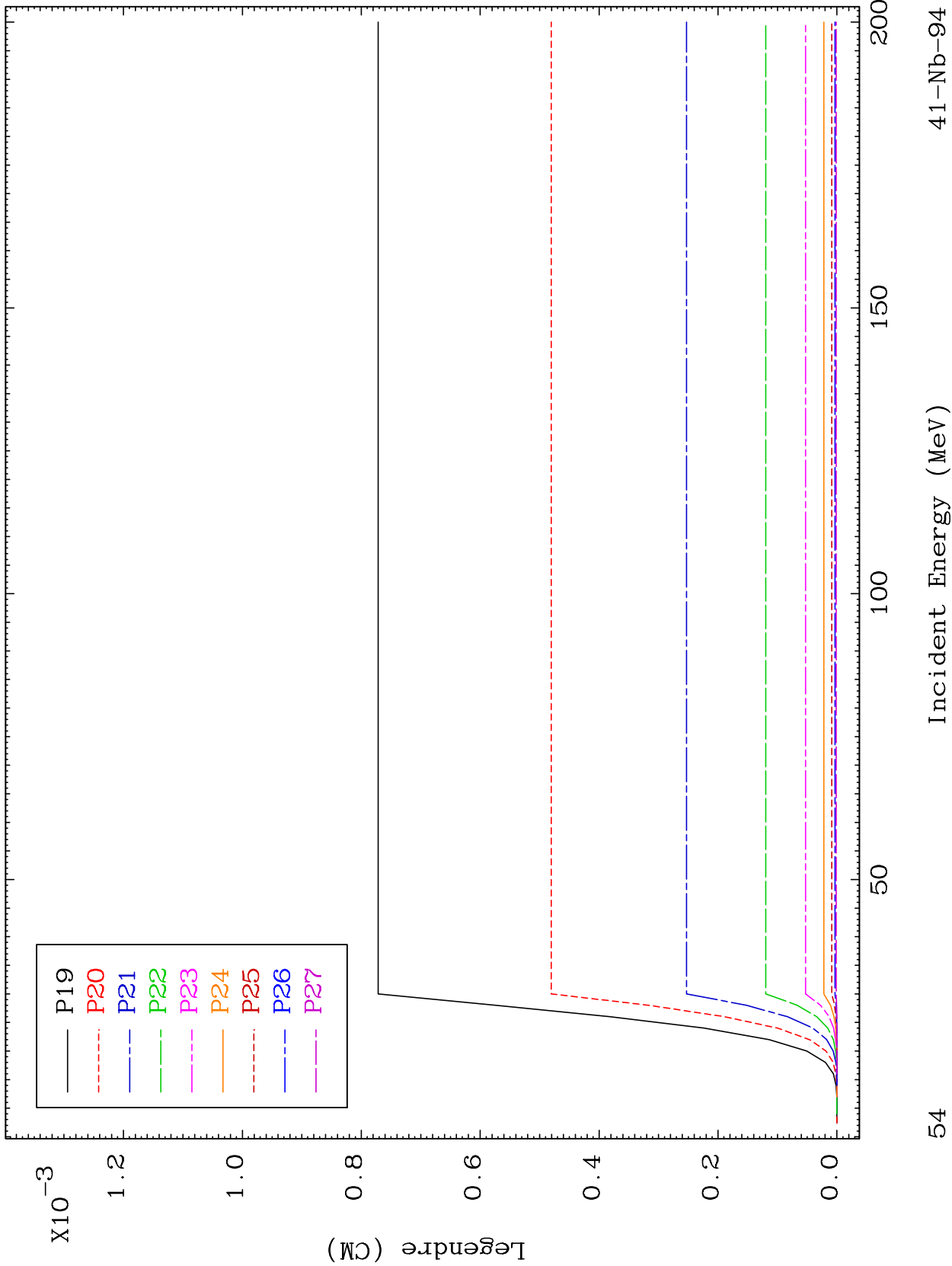
41-Nb-94



53

Incident Energy (MeV)

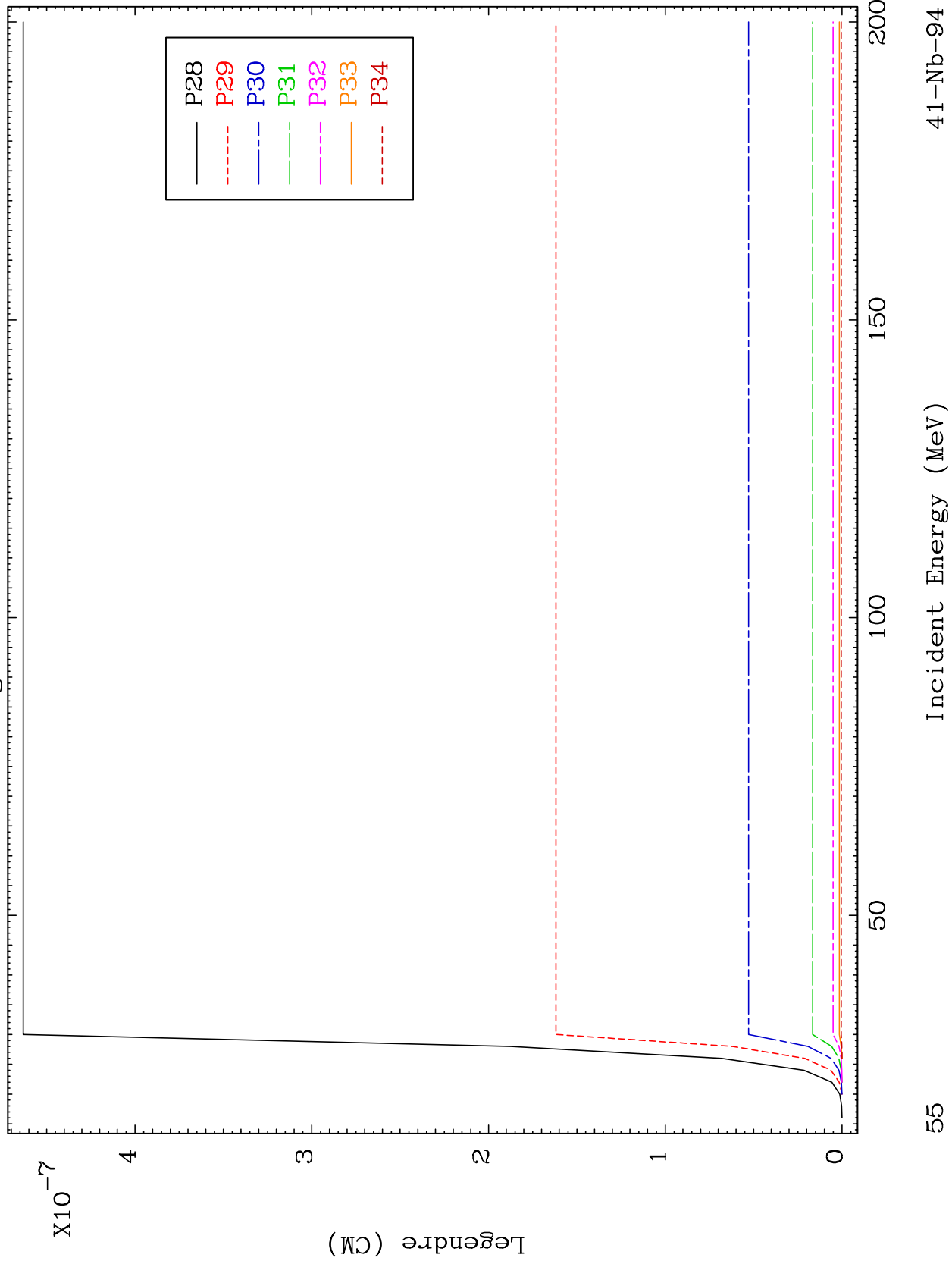
41-Nb-94



MAT 4128

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

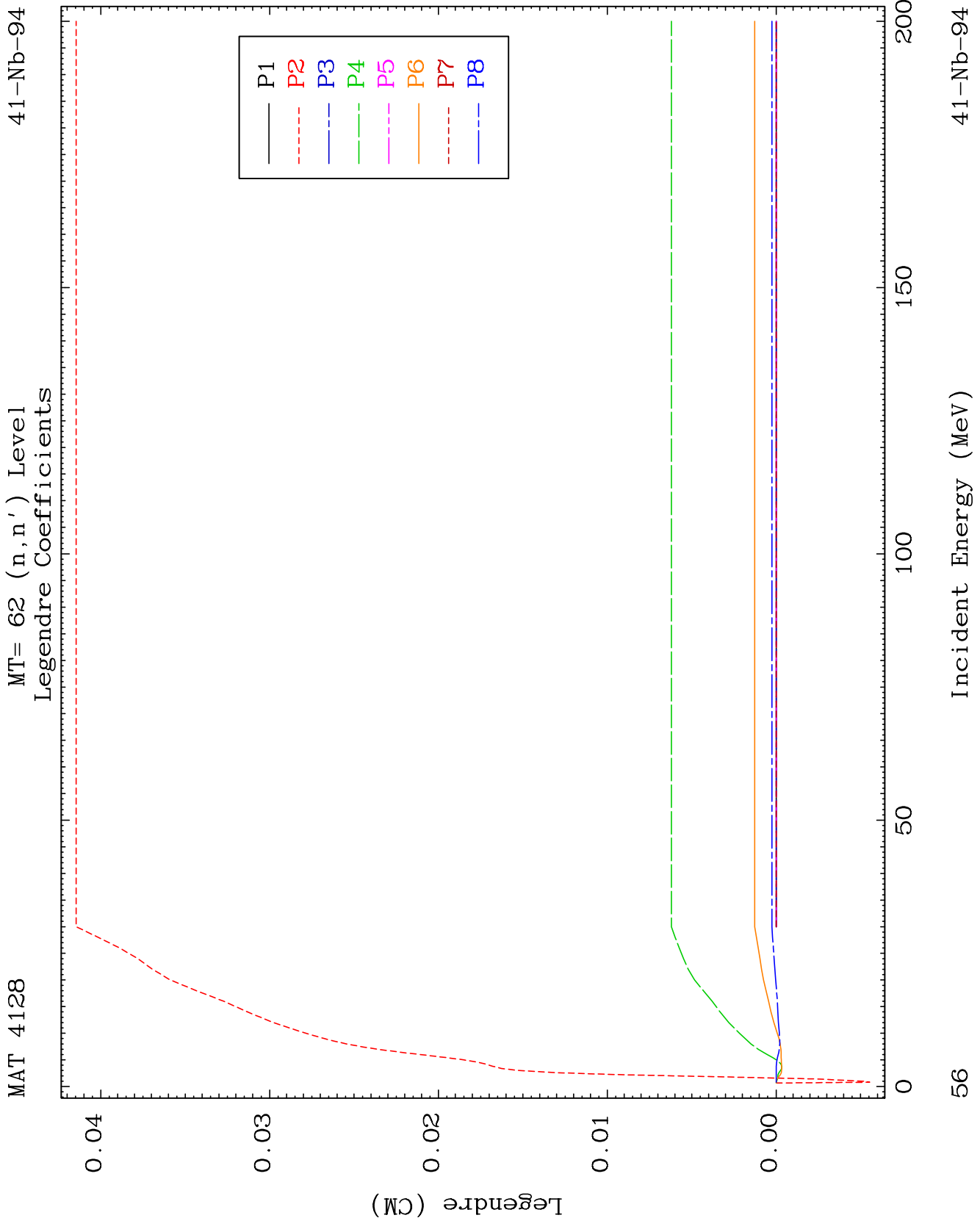
41-Nb-94



41-Nb-94

Incident Energy (MeV)

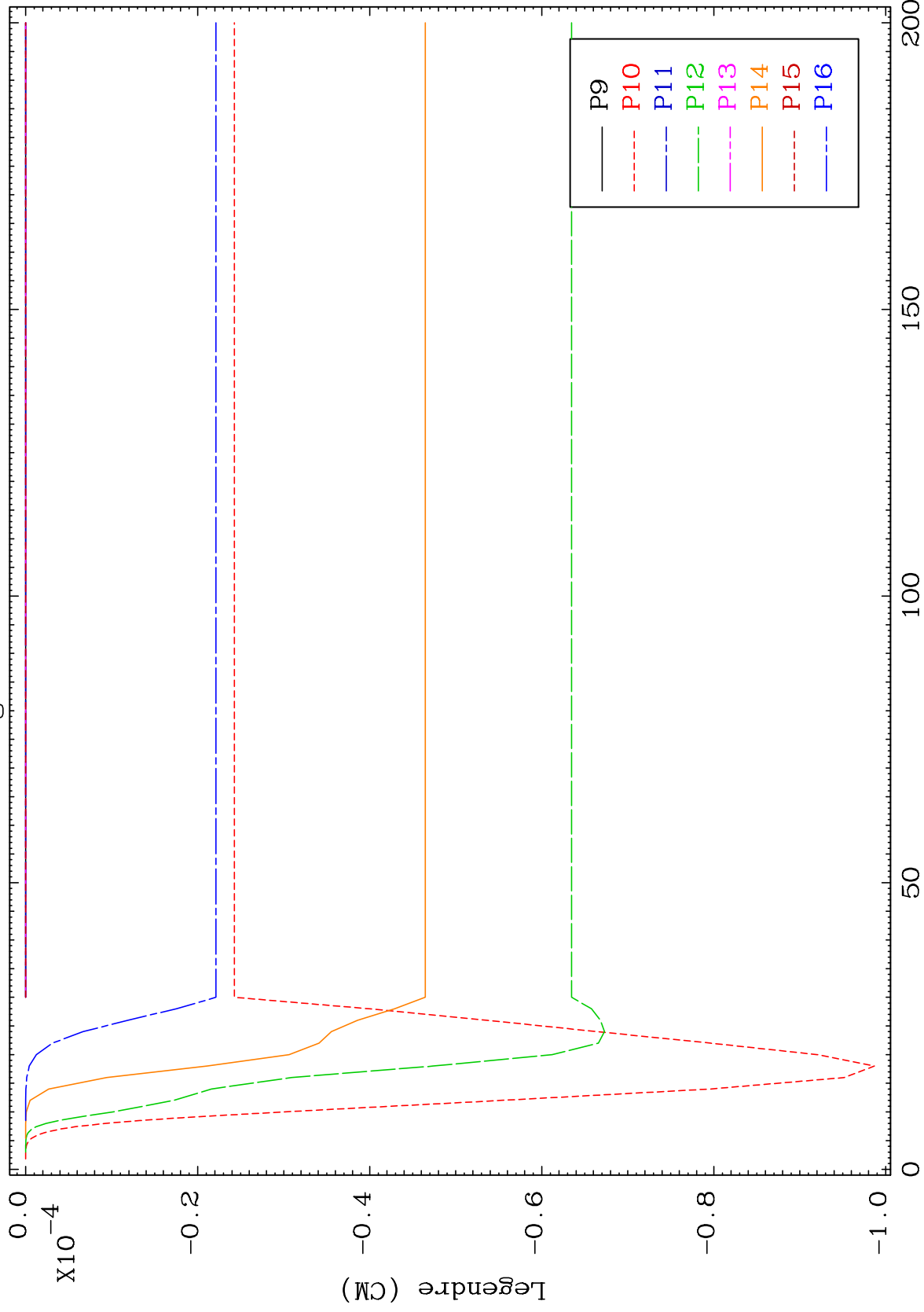
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MAT 4128

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

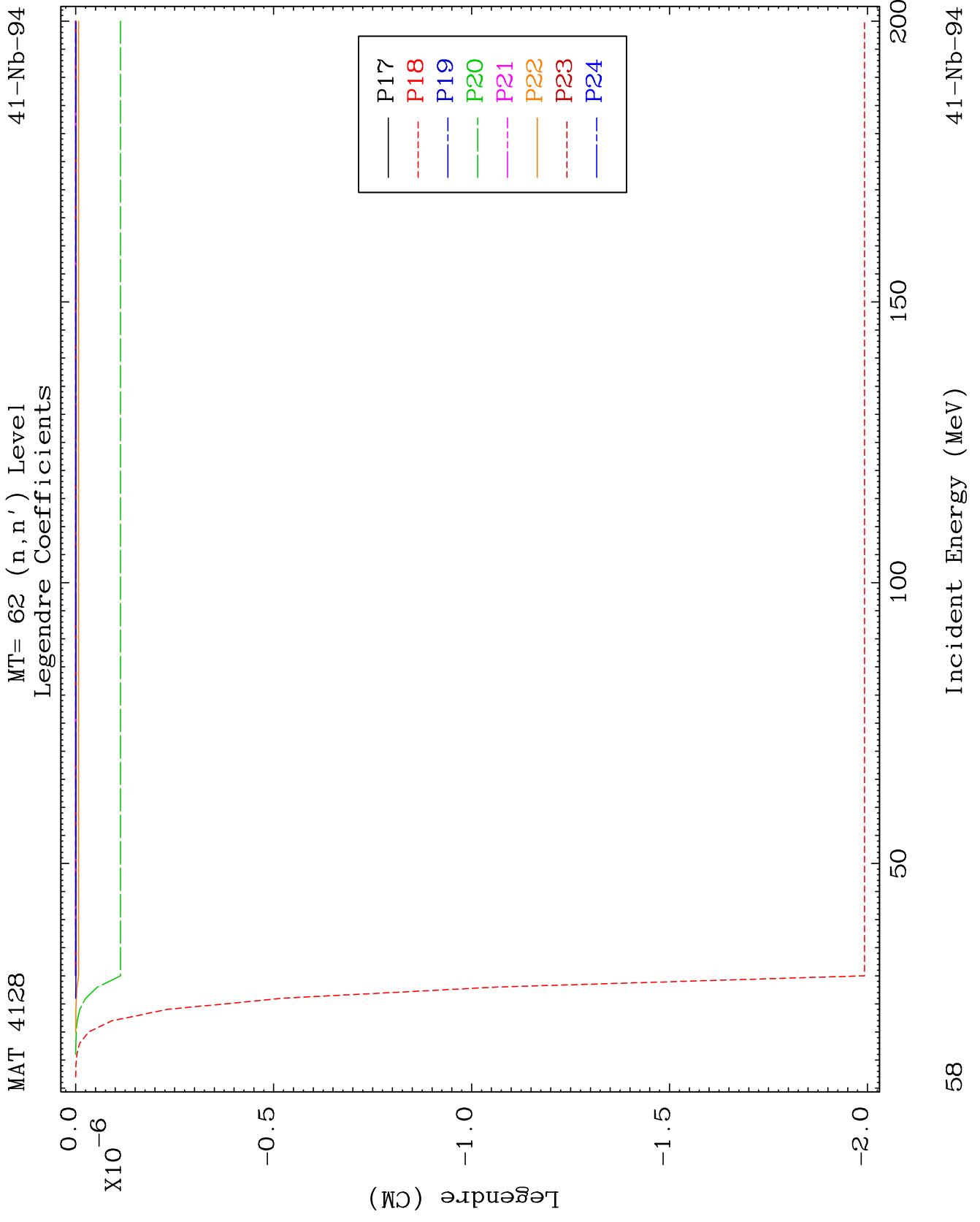
41-Nb-94



57

Incident Energy (MeV)

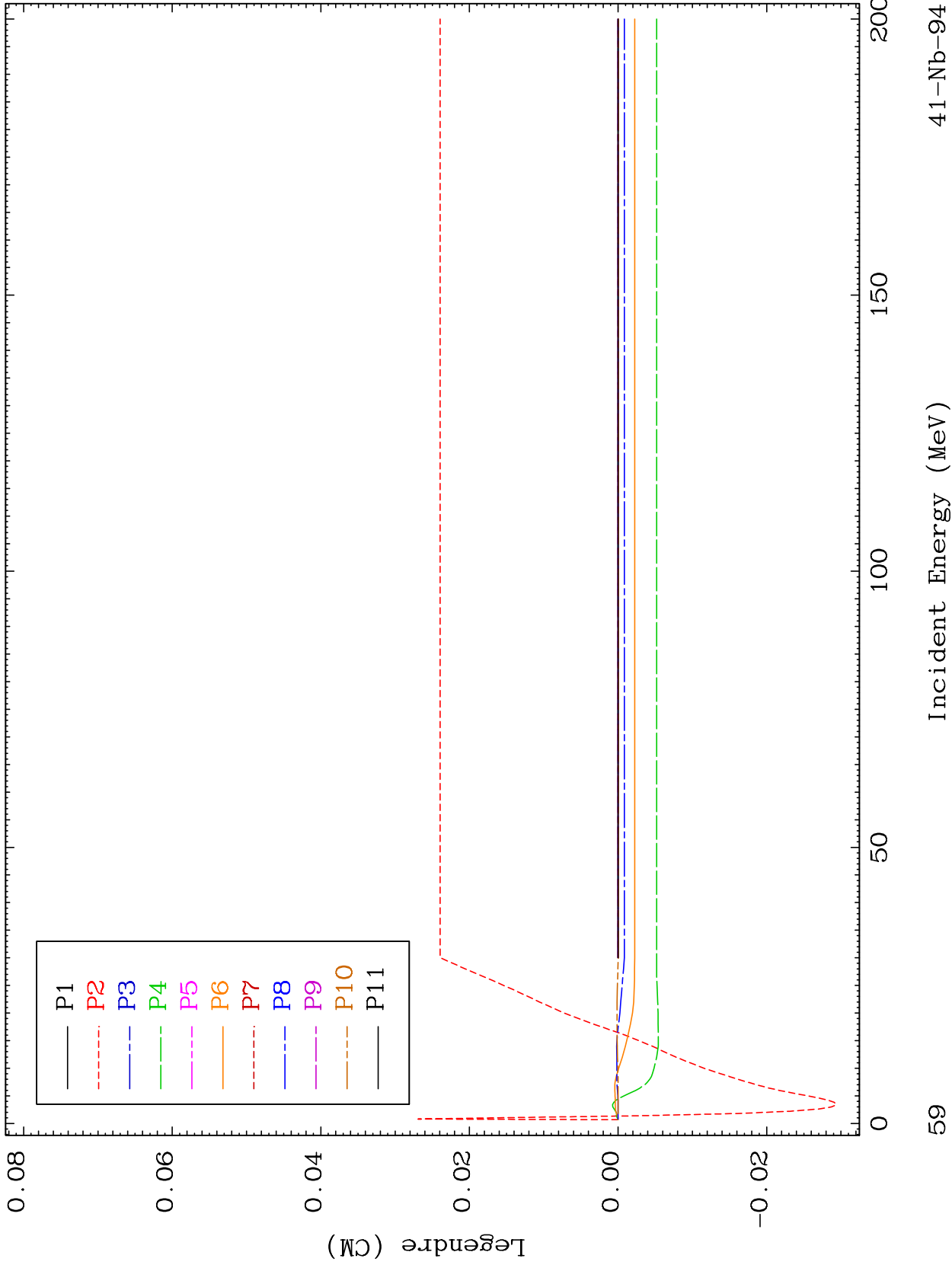
41-Nb-94

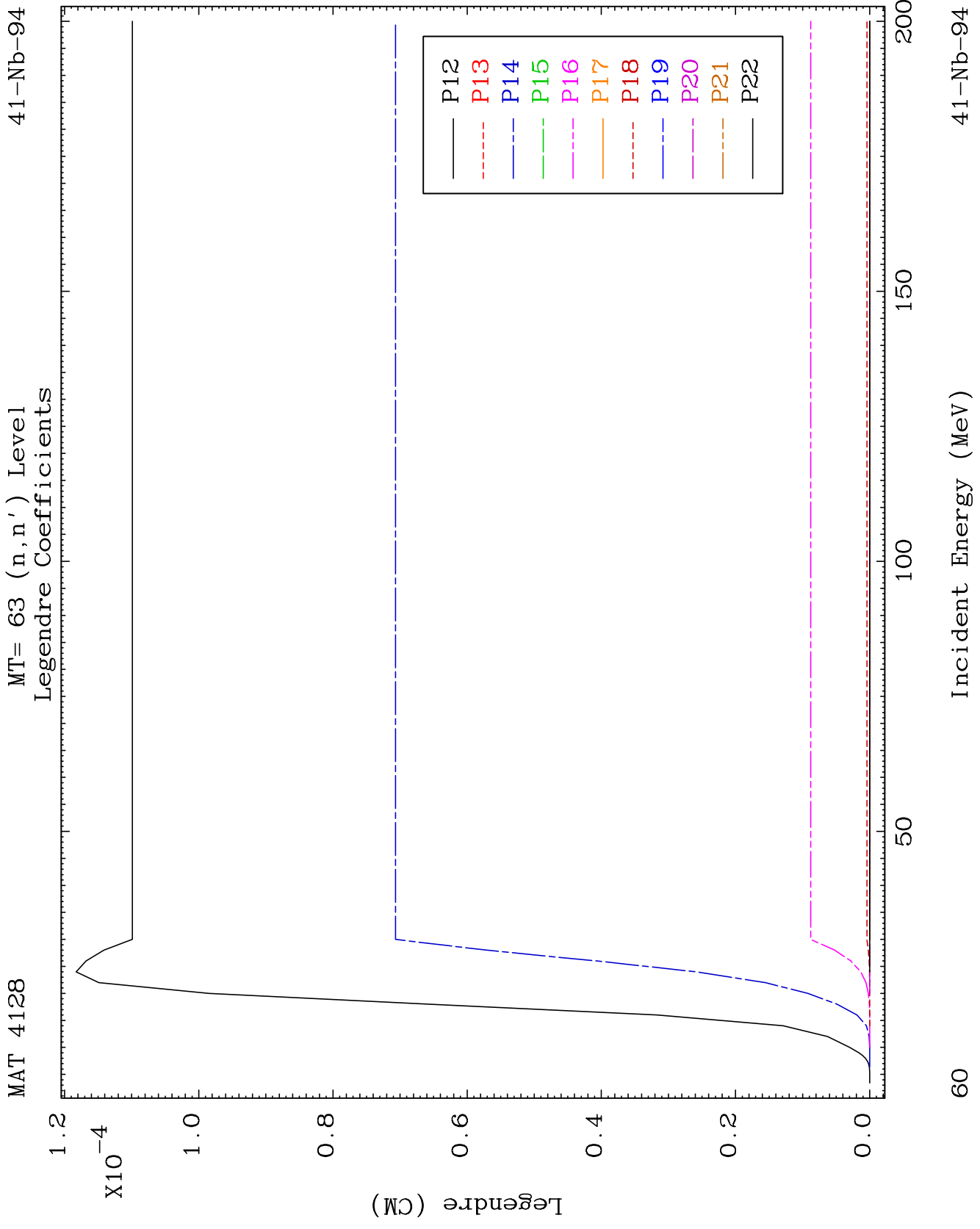


MAT 4128

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

41-Nb-94

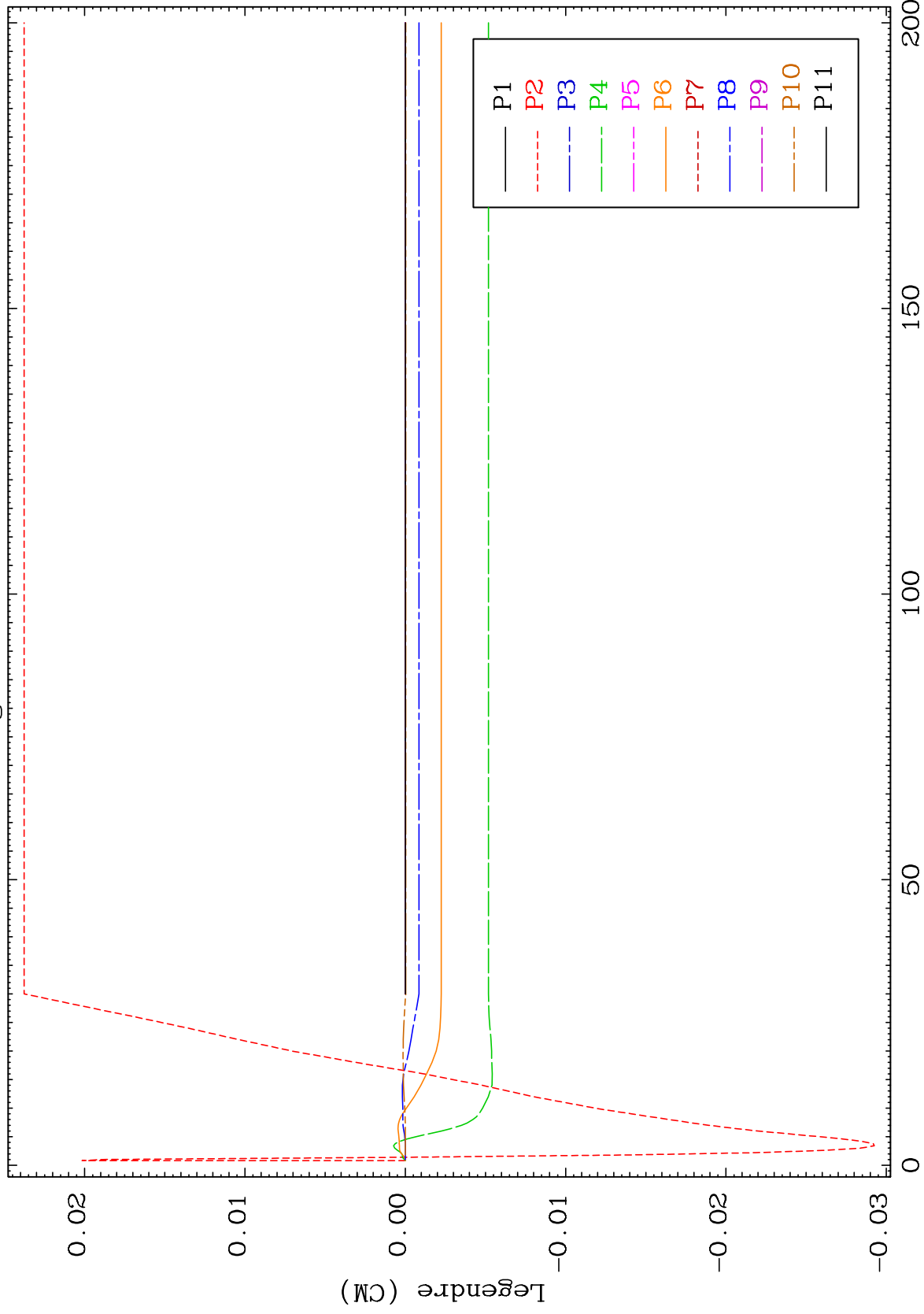




MAT 4128

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

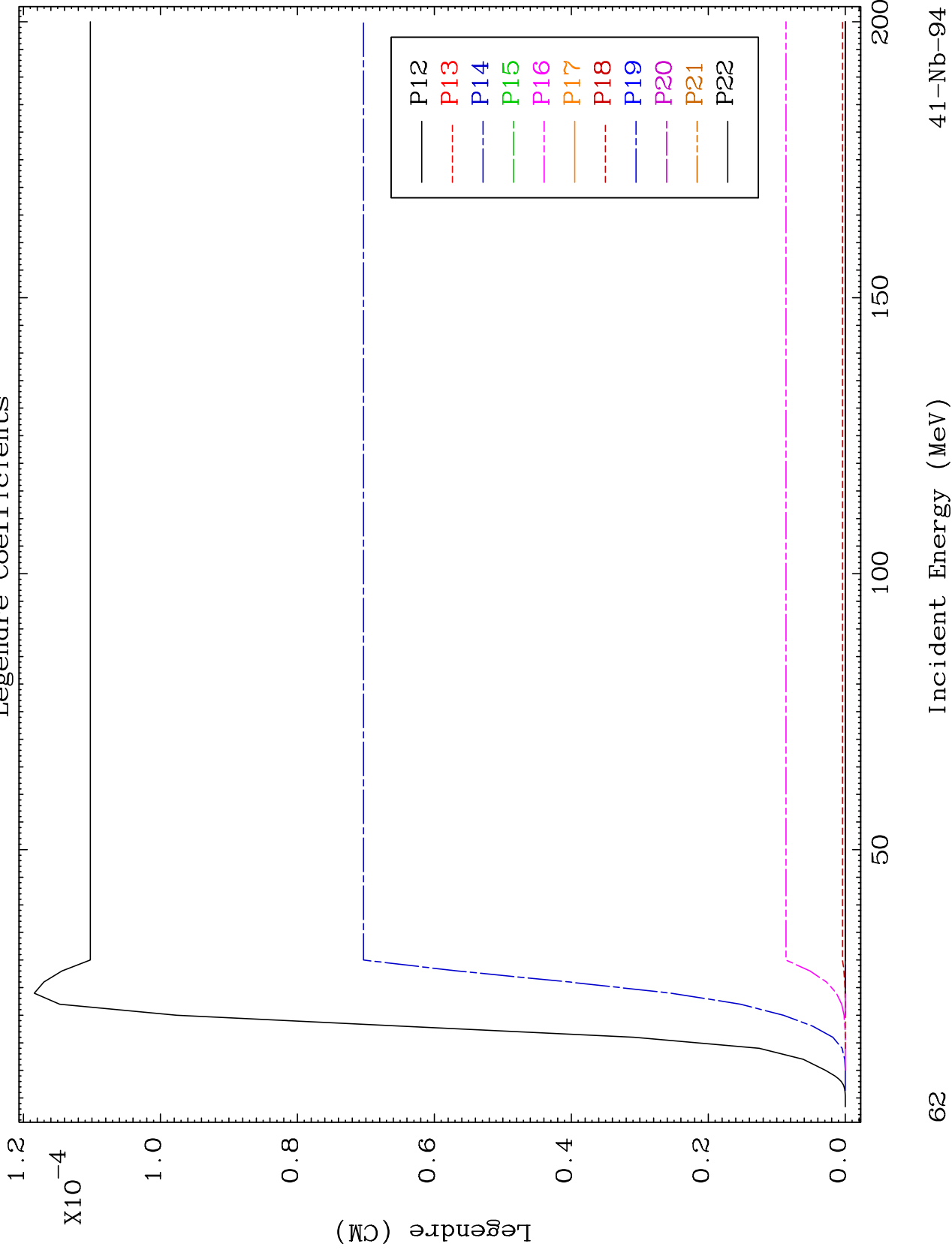
41-Nb-94



61

Incident Energy (MeV)

41-Nb-94

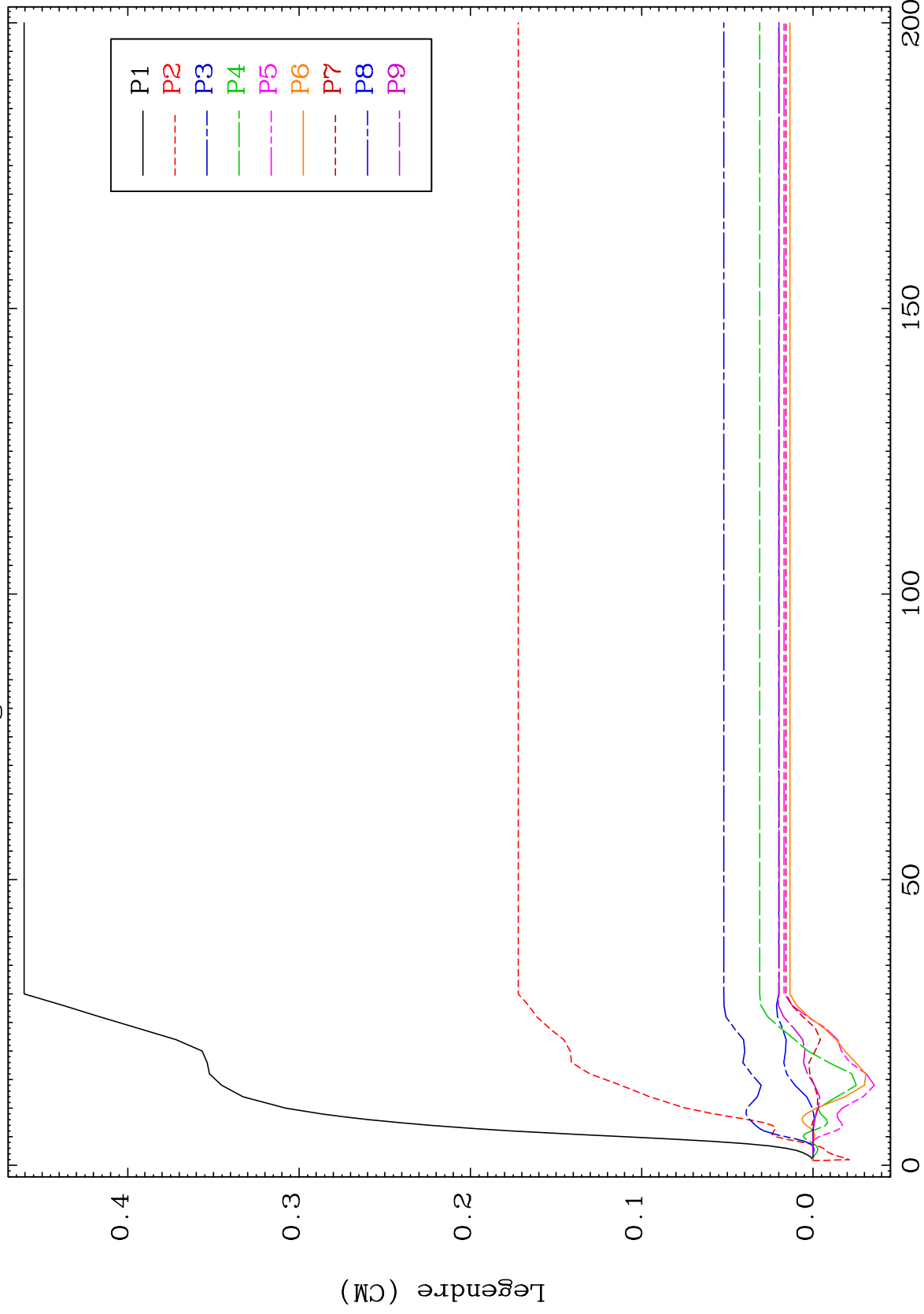


MAT 4128

MT= 65 (n,n') Level

41-Nb-94

Legendre Coefficients



63

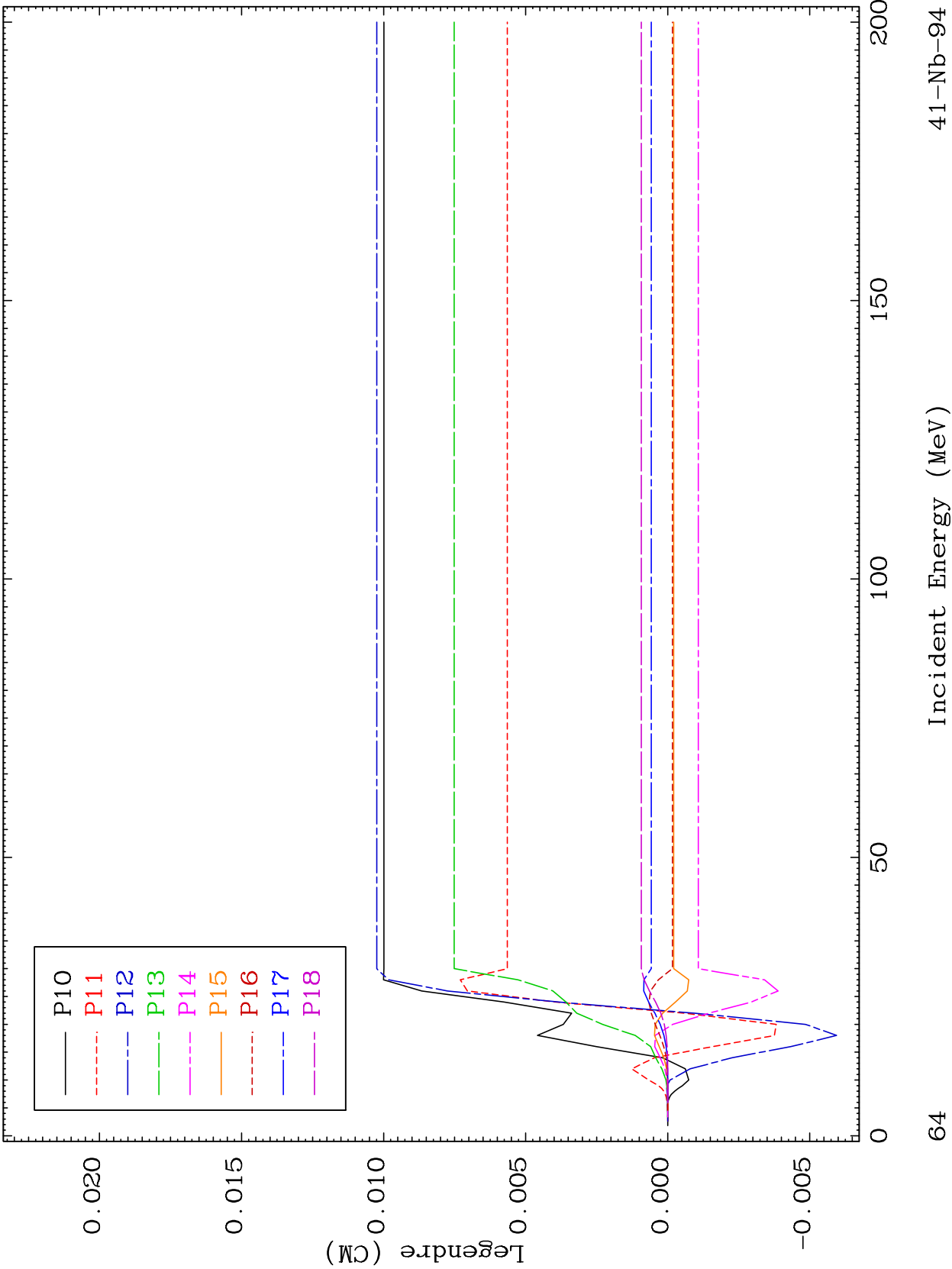
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



64

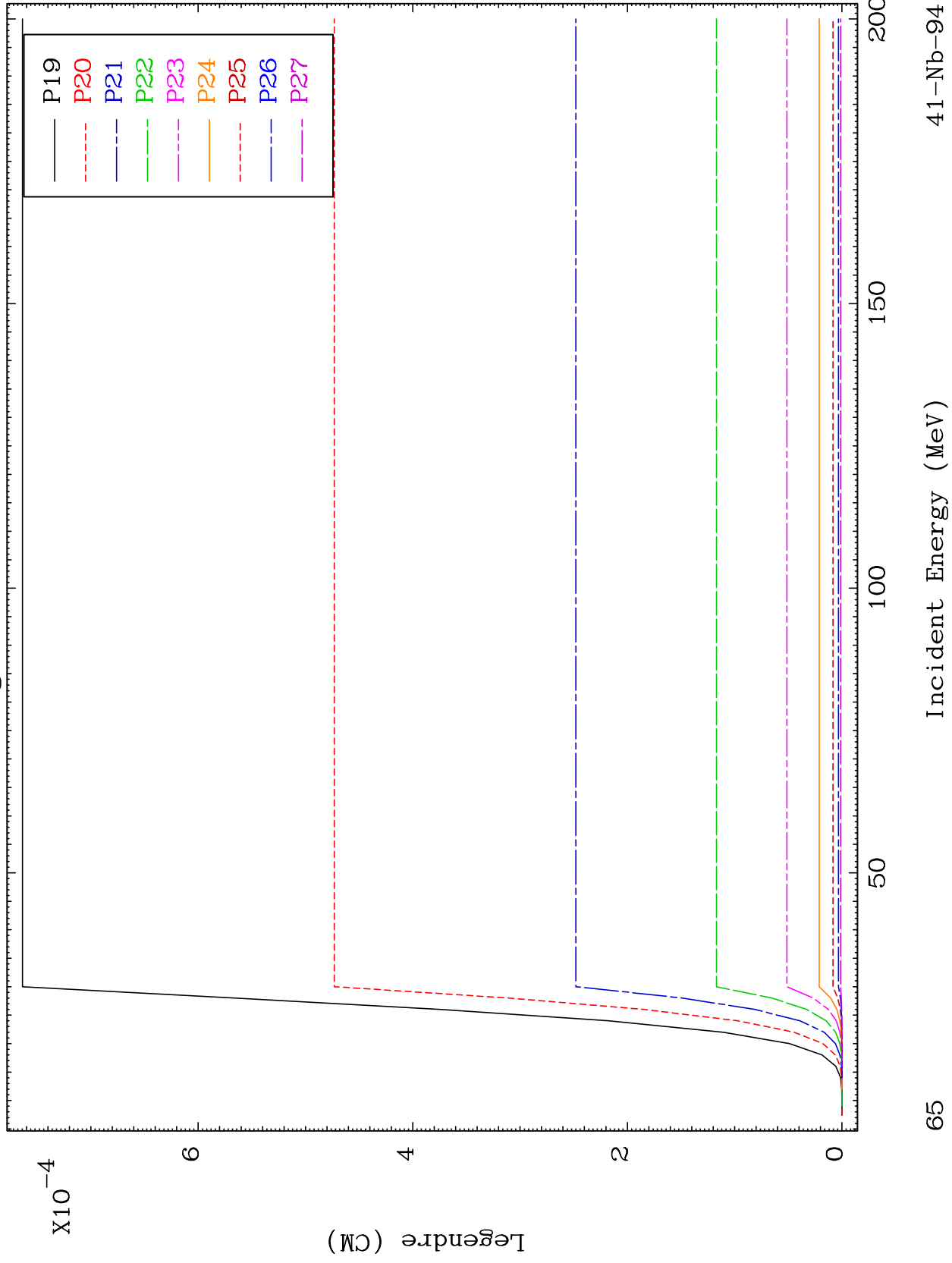
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



65

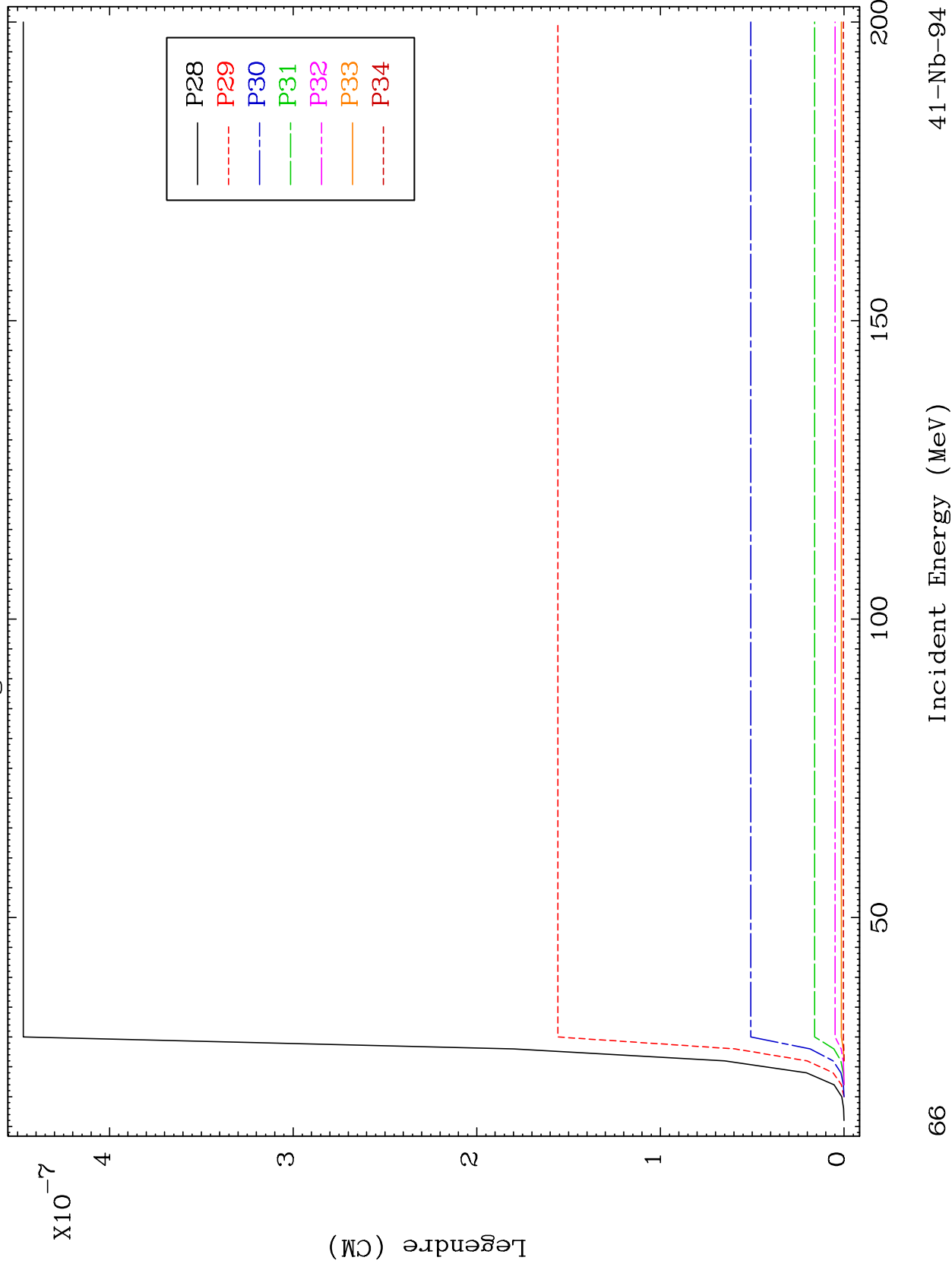
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



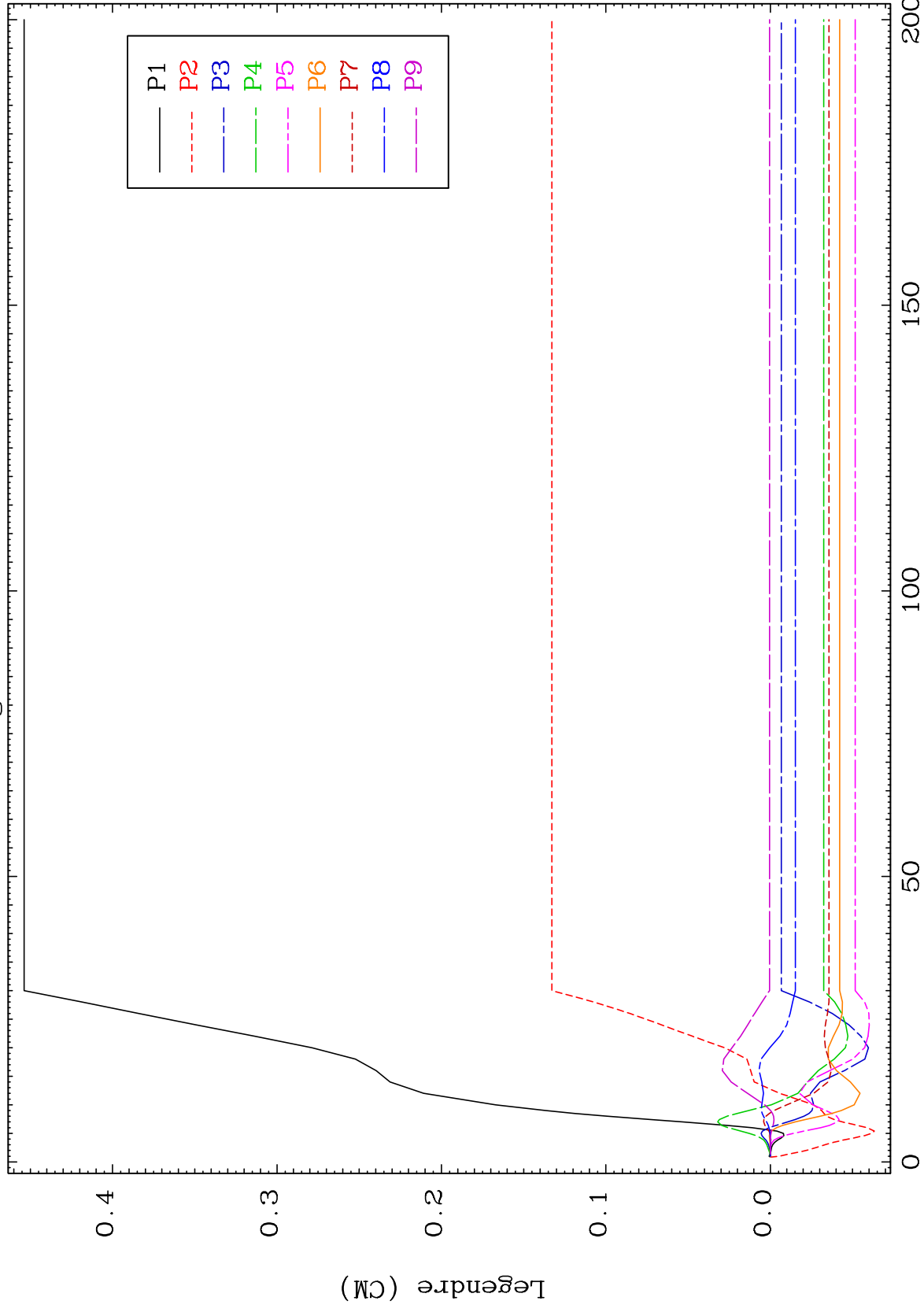
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41-Nb-94

MAT 4128

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

41-Nb-94



67

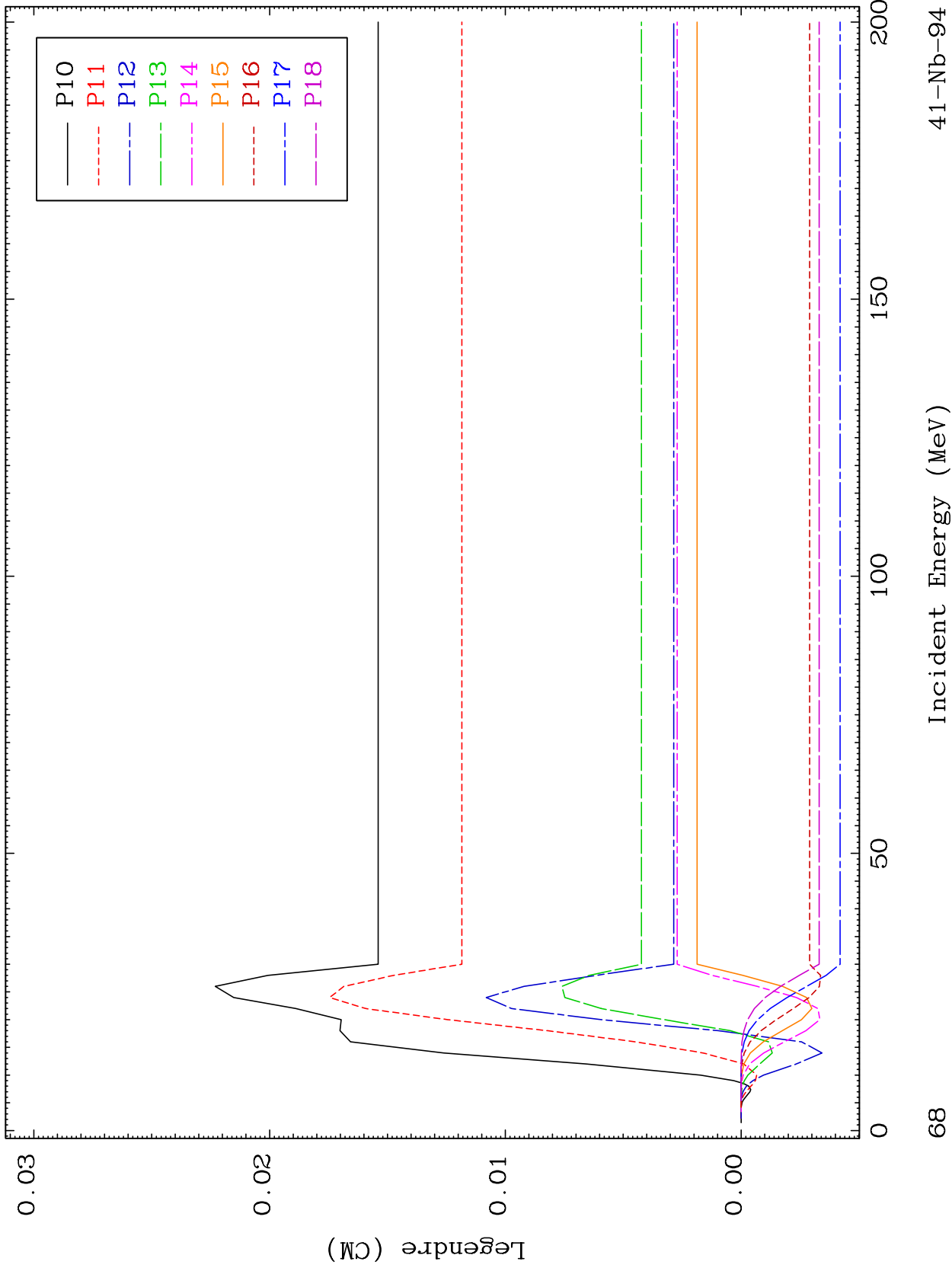
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



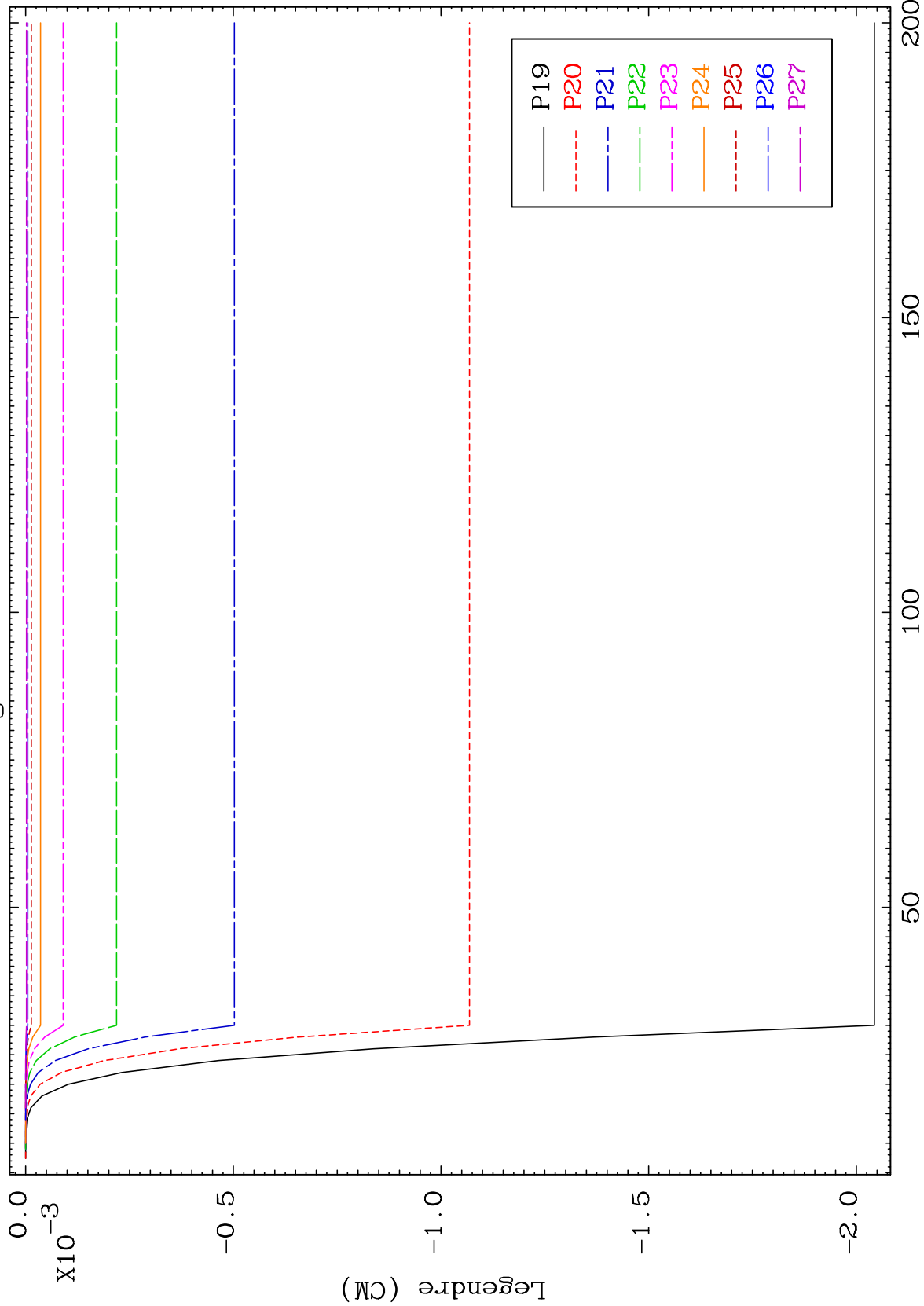
41-Nb-94

MAT 4128

MT= 66 (n,n') Level

41-Nb-94

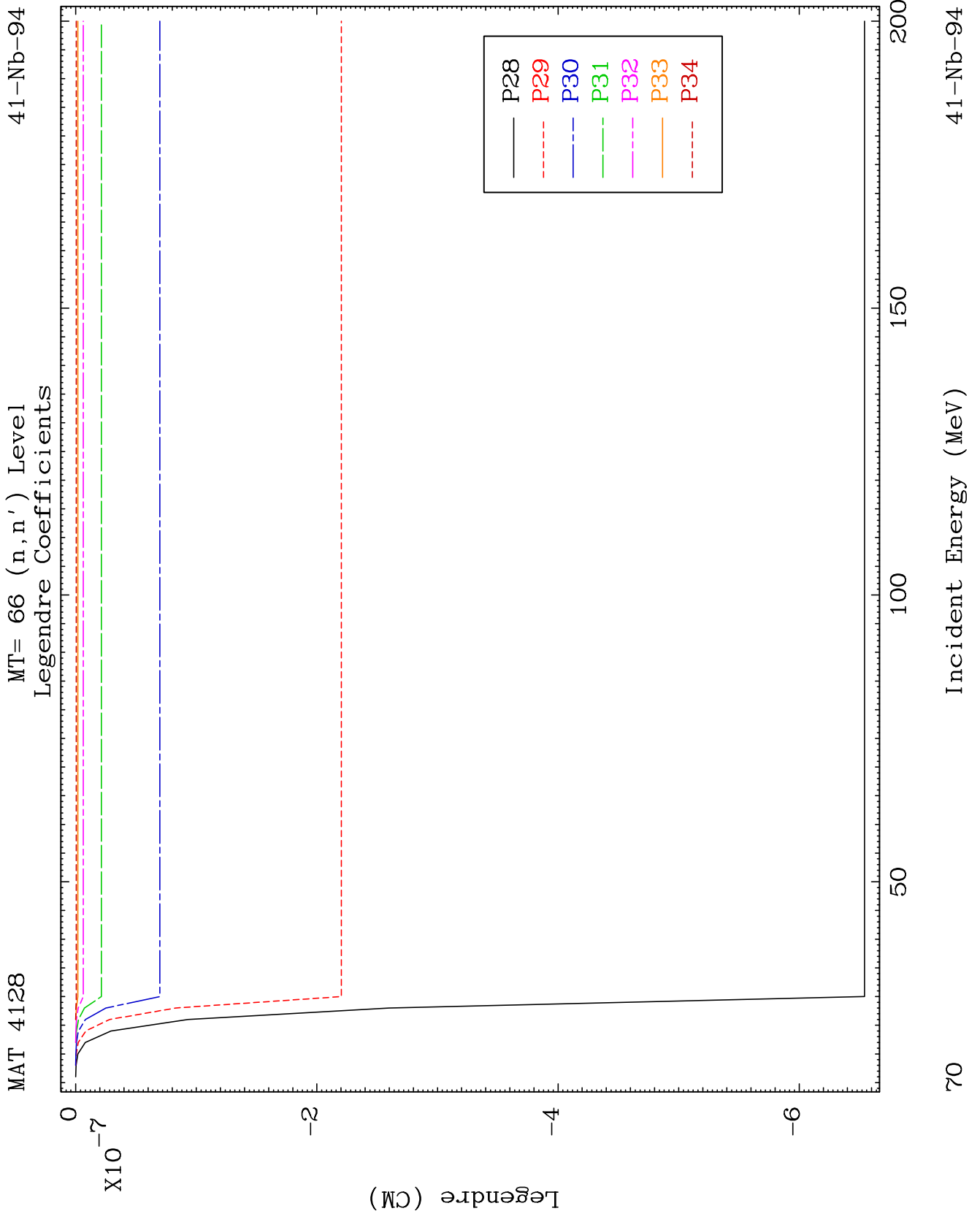
Legendre Coefficients



69

Incident Energy (MeV)

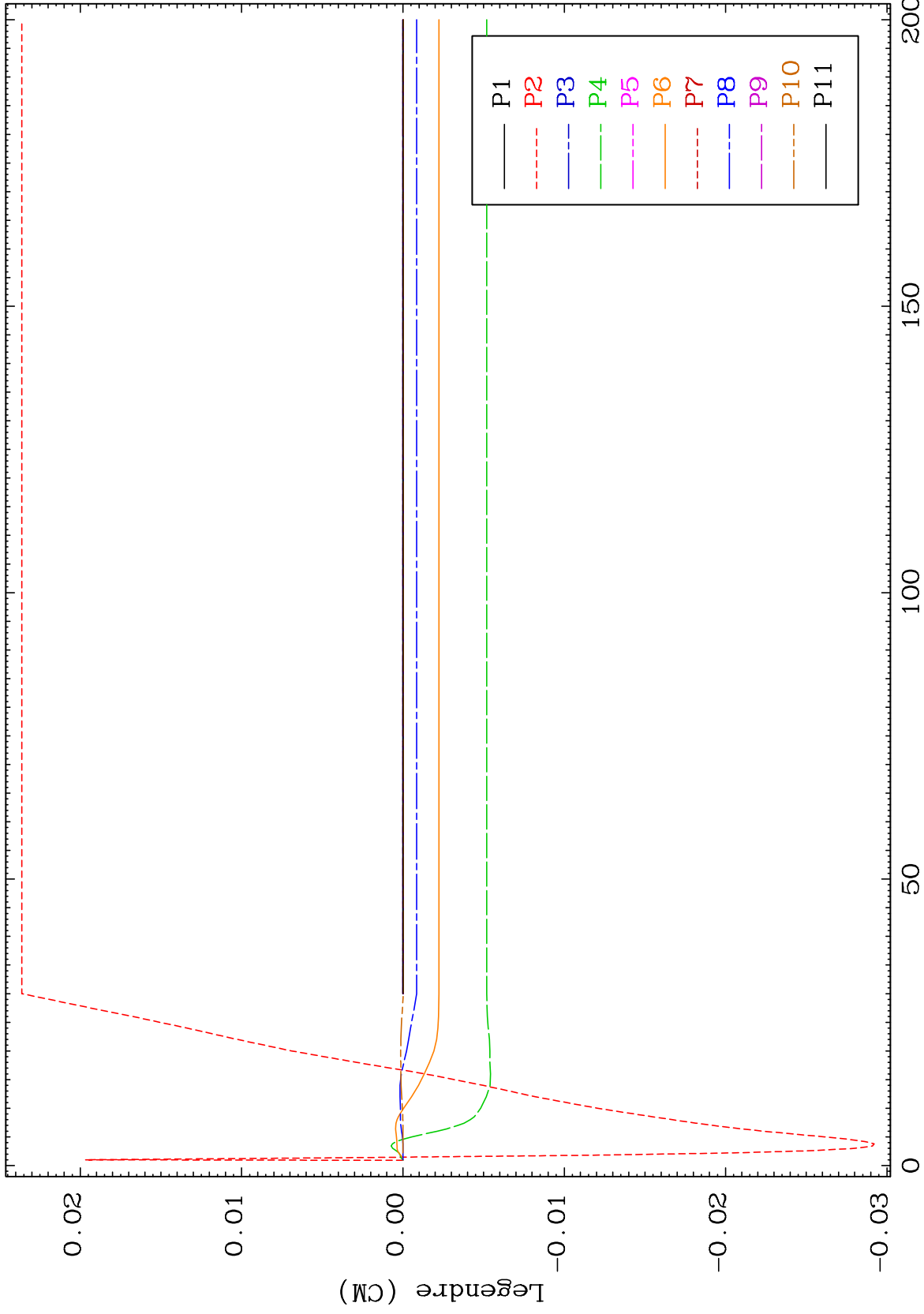
41-Nb-94



MAT 4128

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

41-Nb-94



41-Nb-94

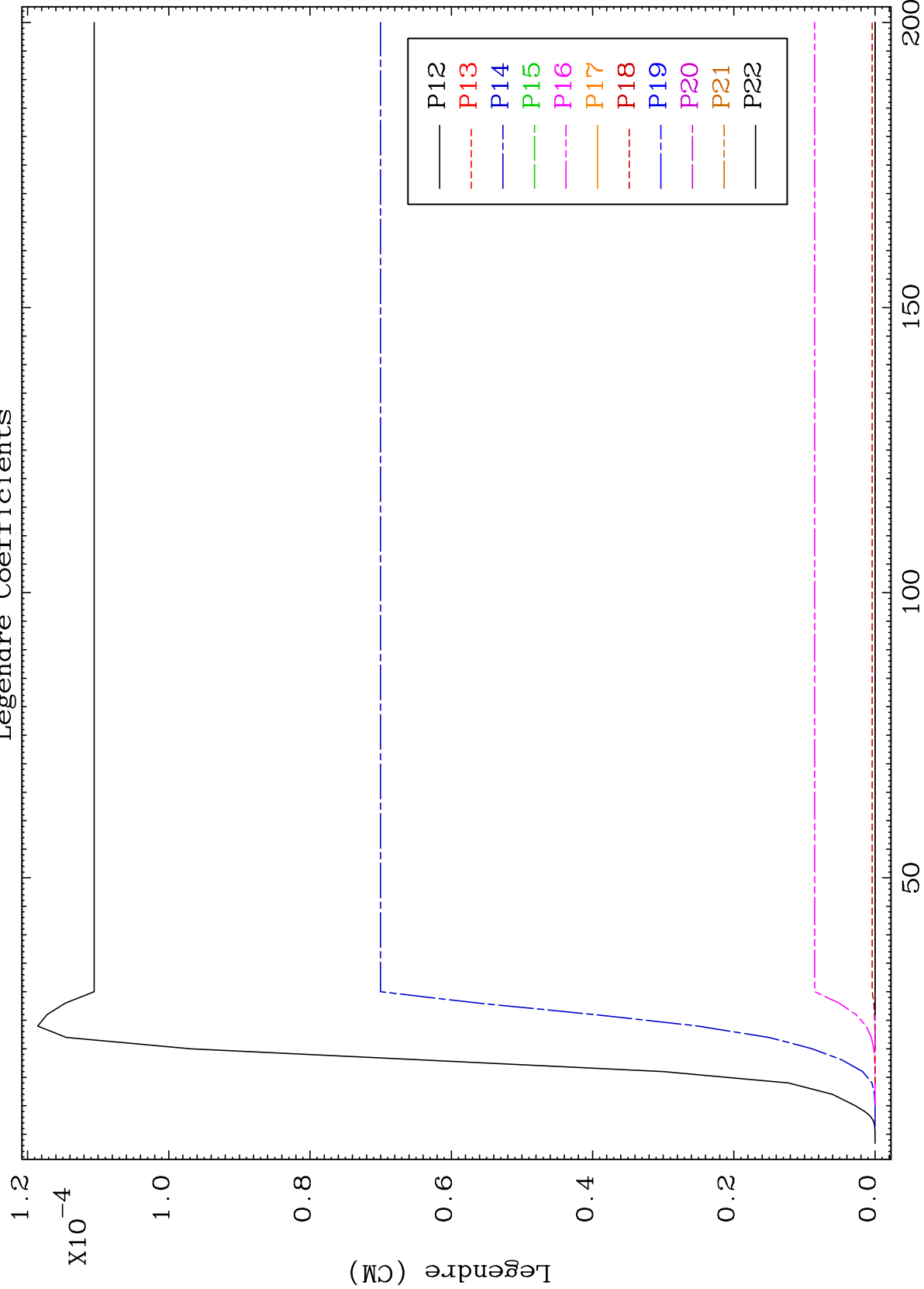
Incident Energy (MeV)

71

MAT 4128

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

41-Nb-94



72

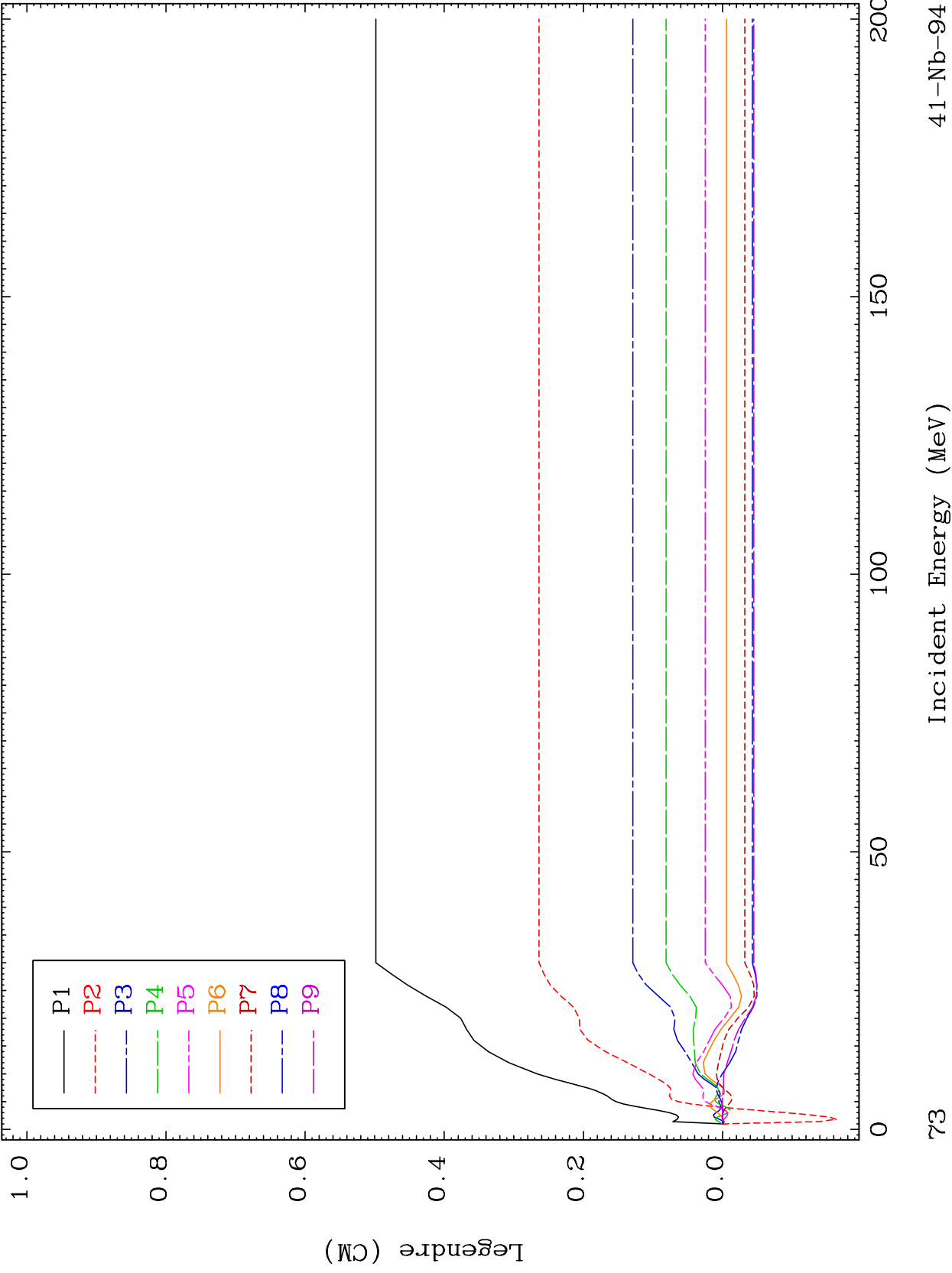
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



73

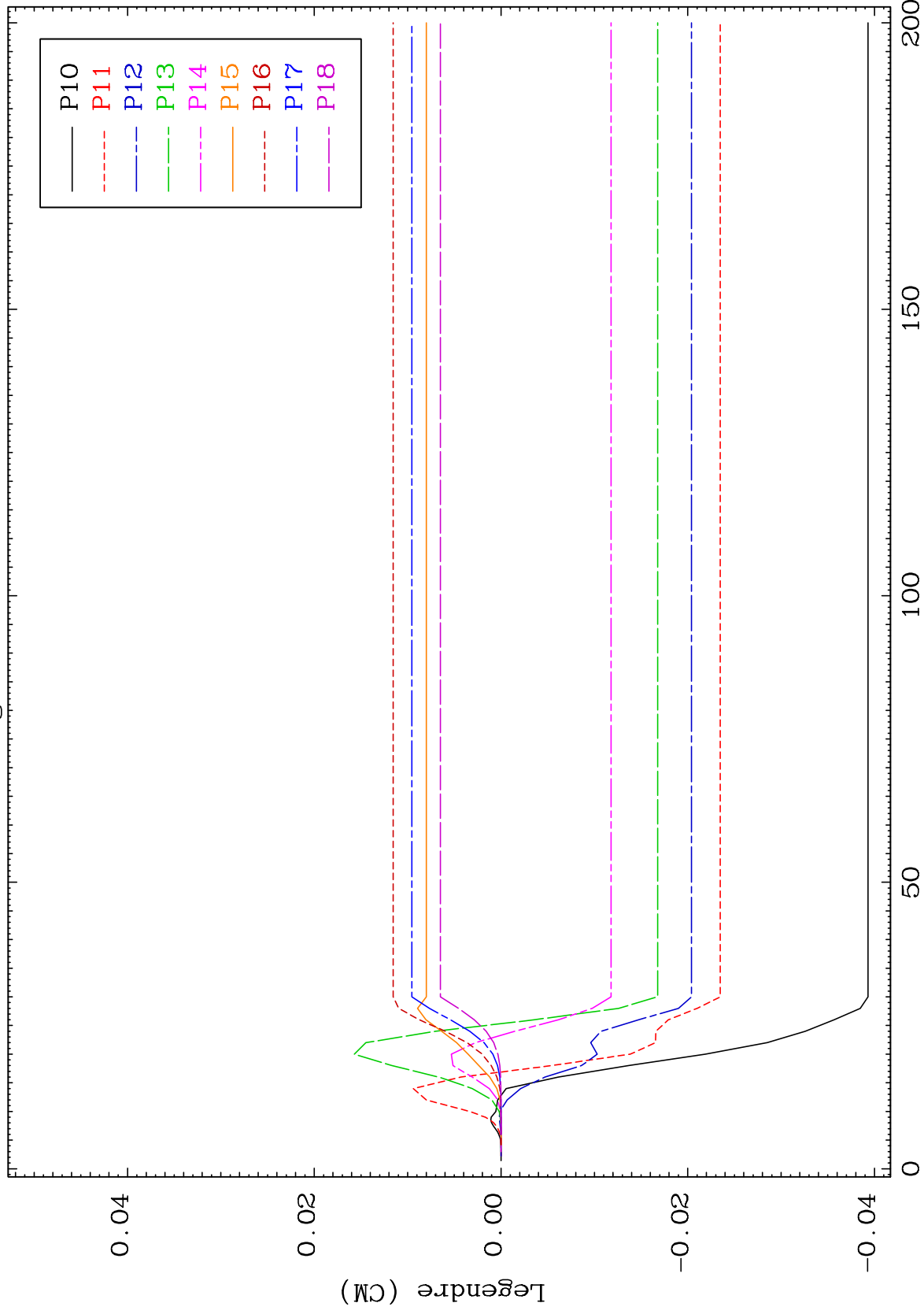
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



74

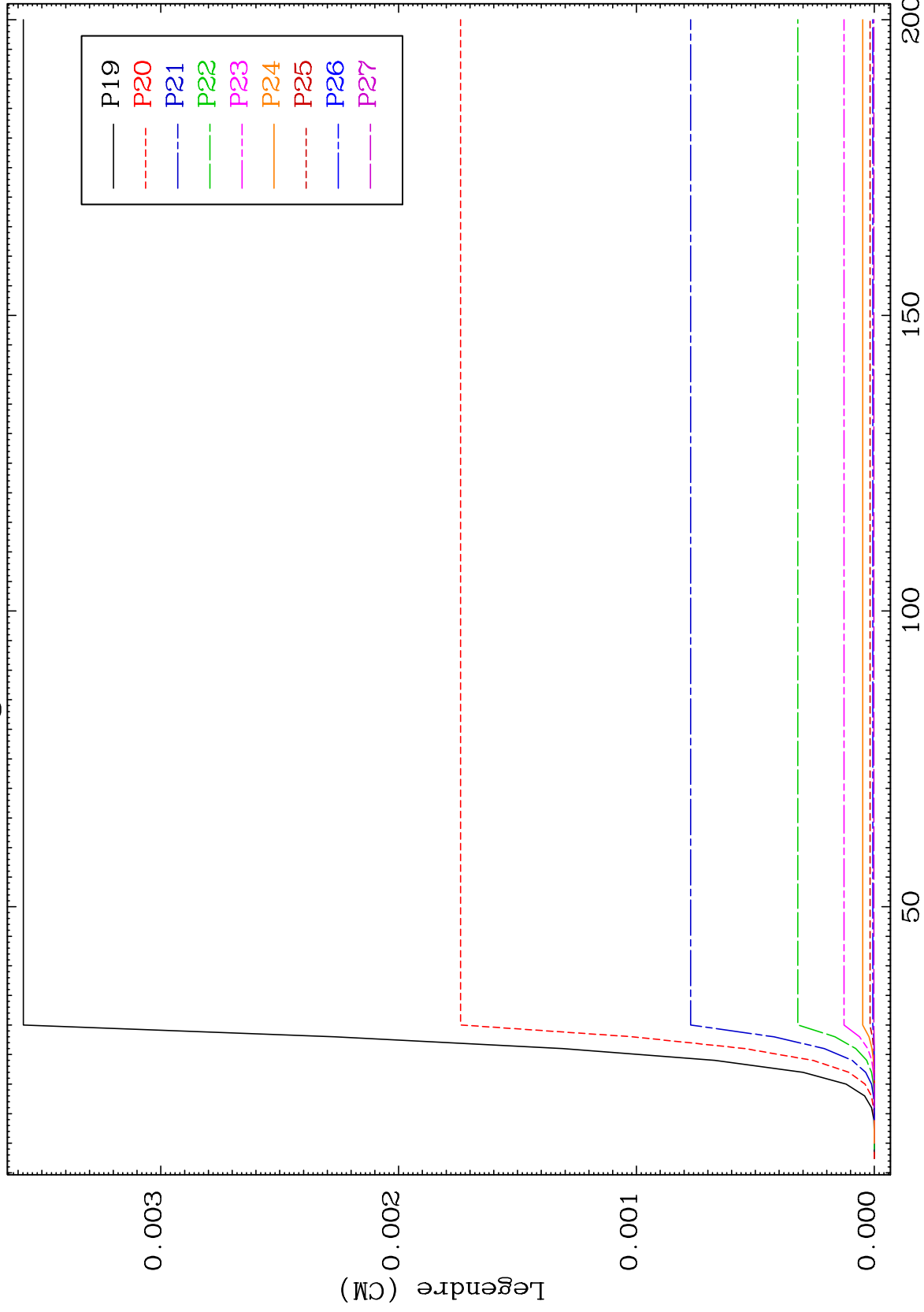
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



75

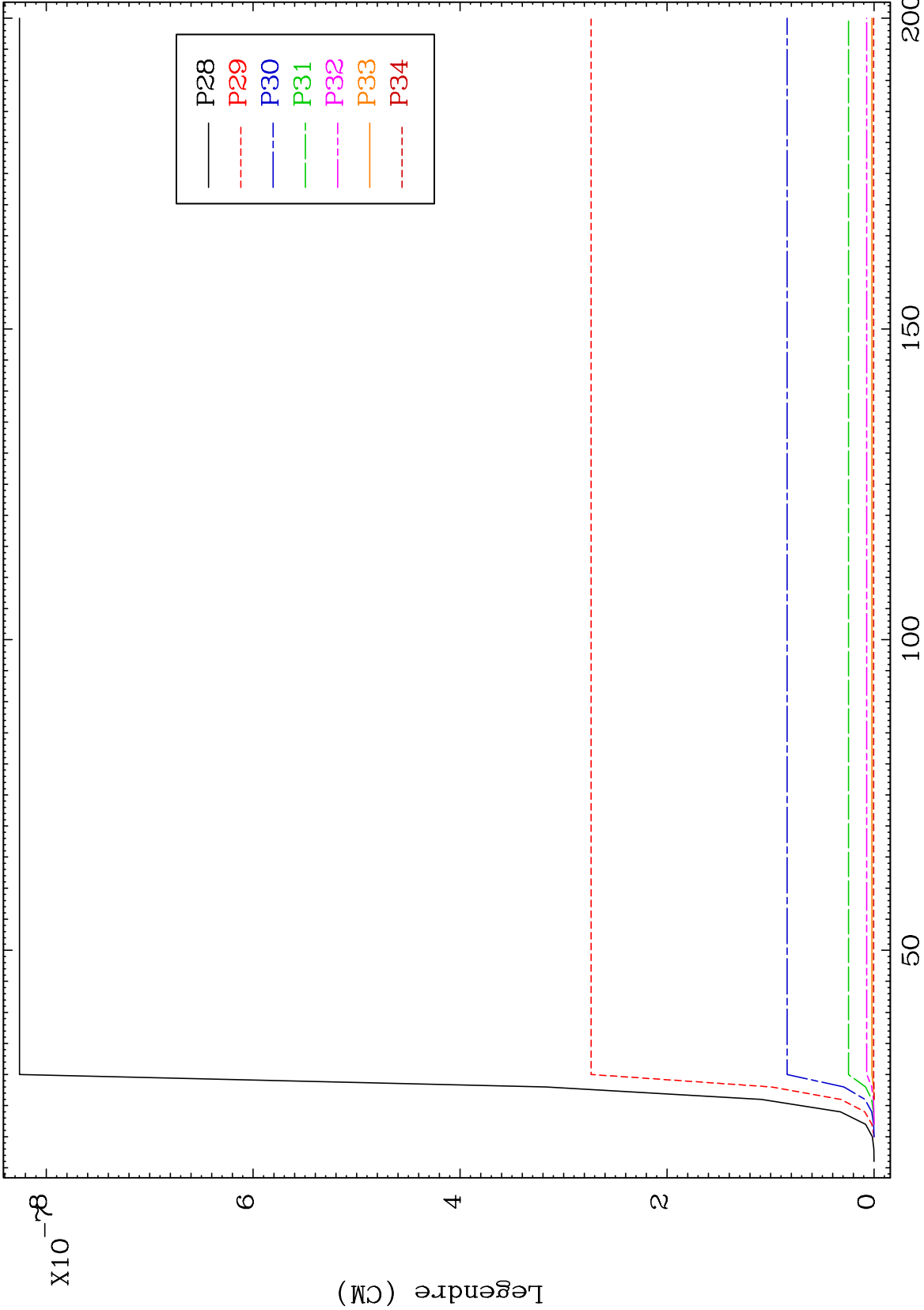
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



76

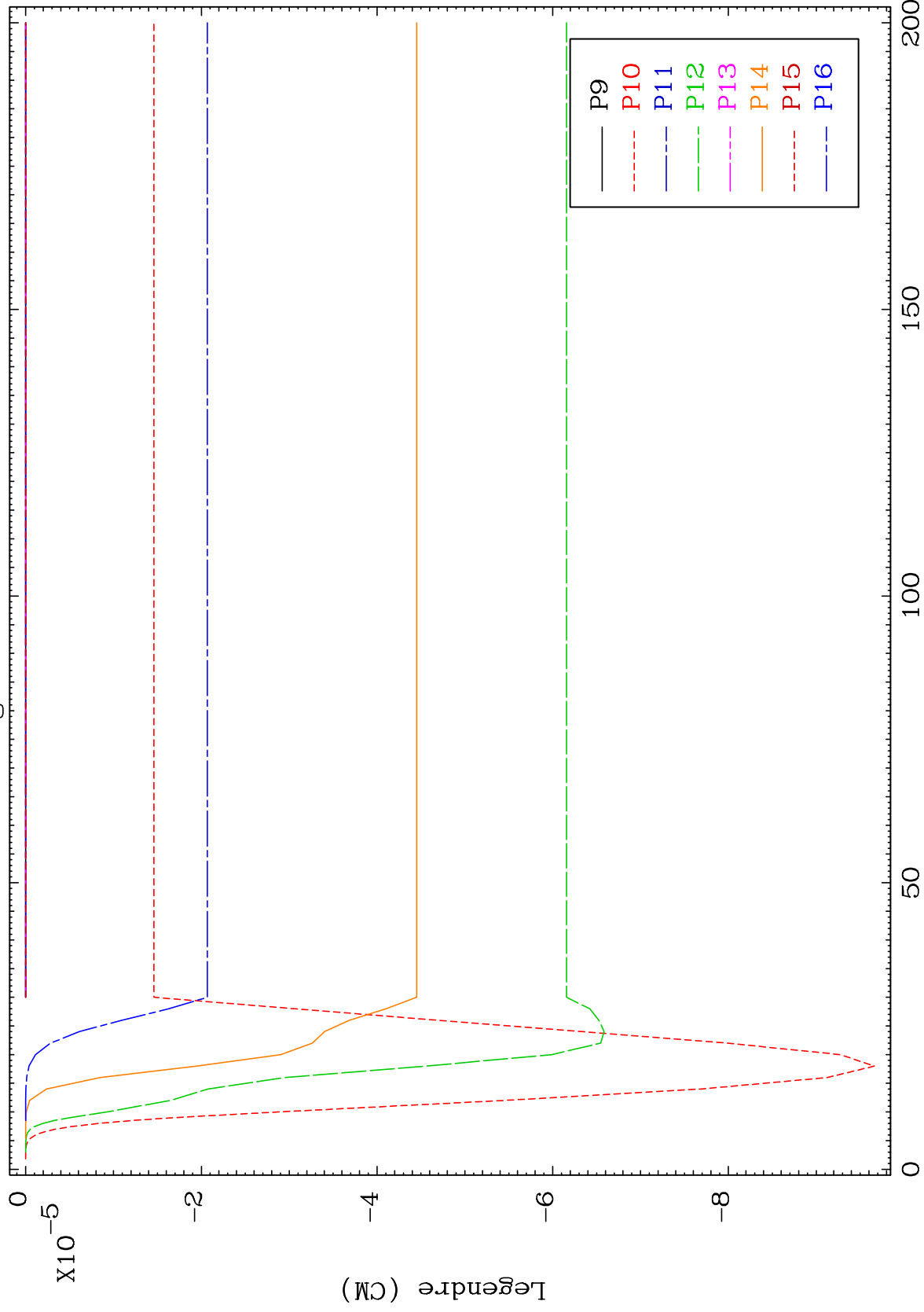
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

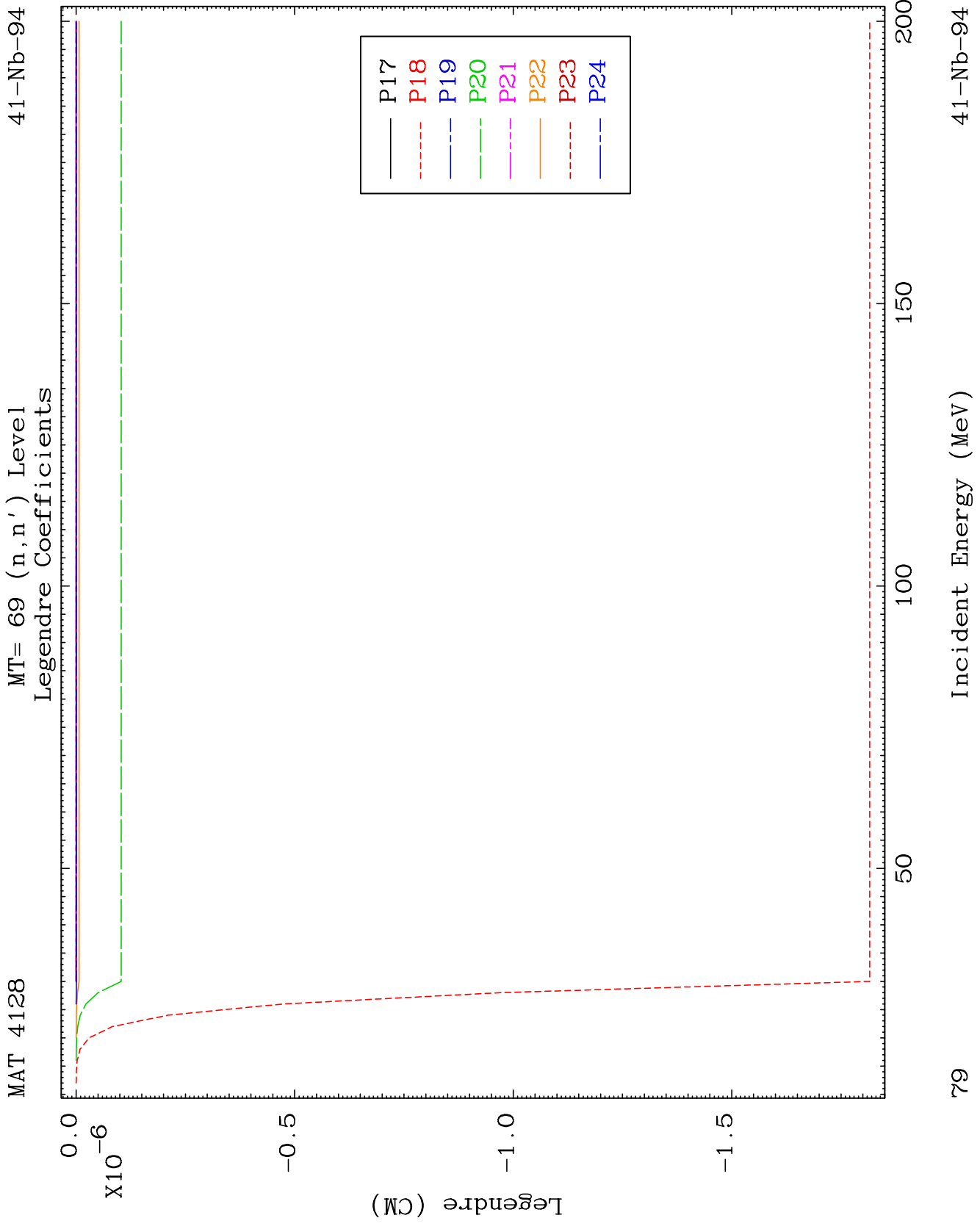
41-Nb-94



78

Incident Energy (MeV)

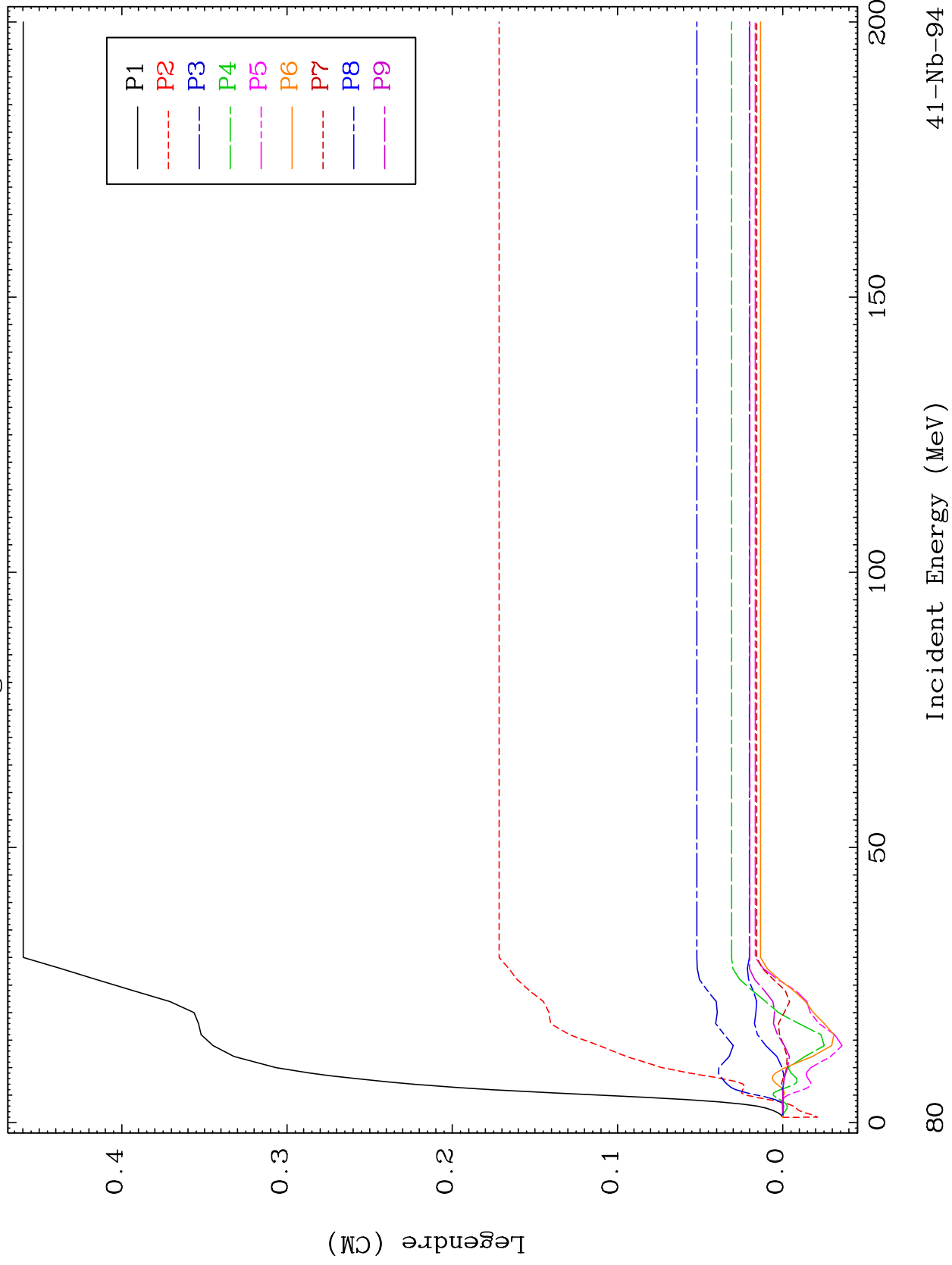
41-Nb-94



MAT 4128

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

41-Nb-94



41-Nb-94

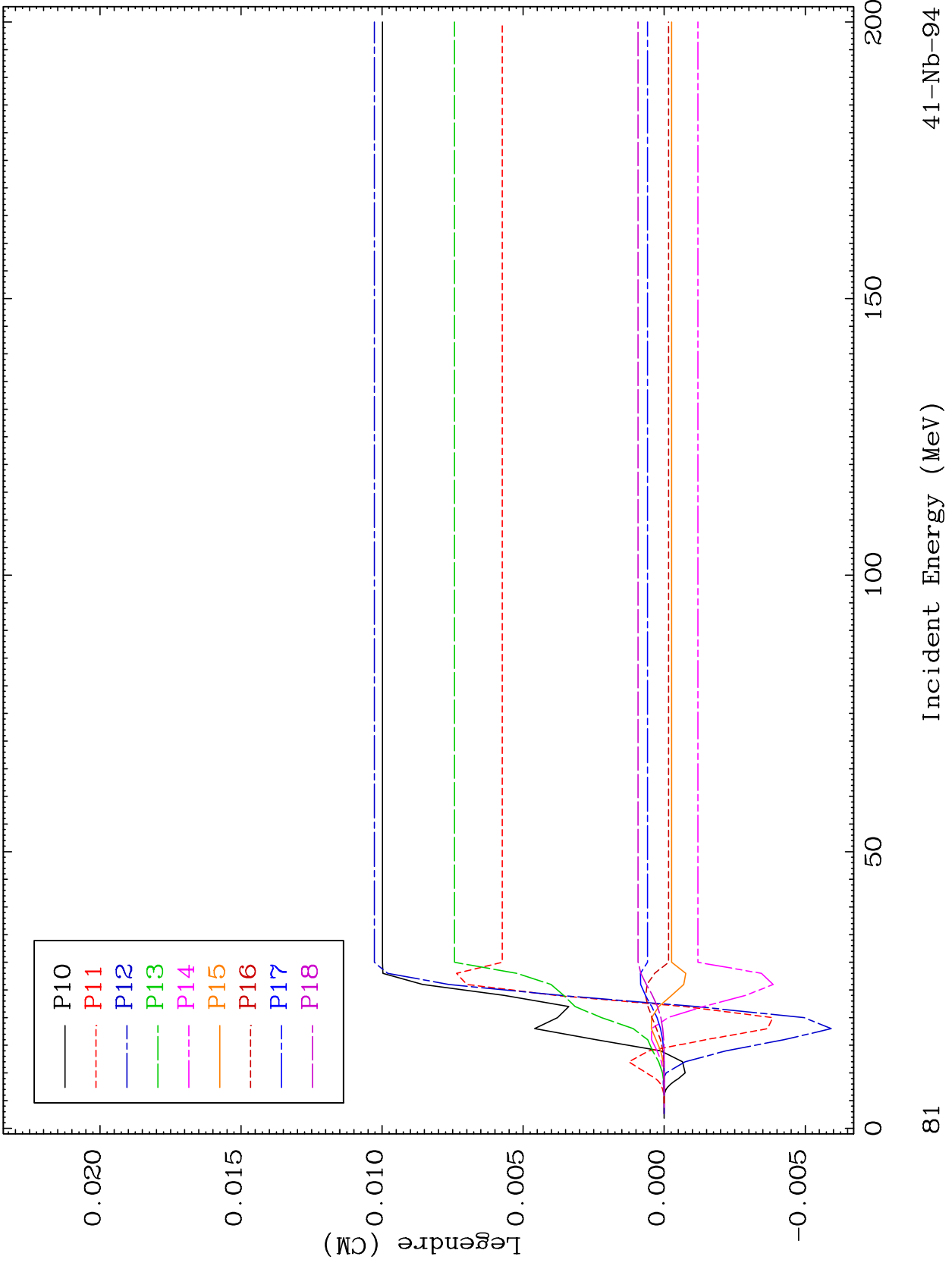
Incident Energy (MeV)

80

MAT 4128

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

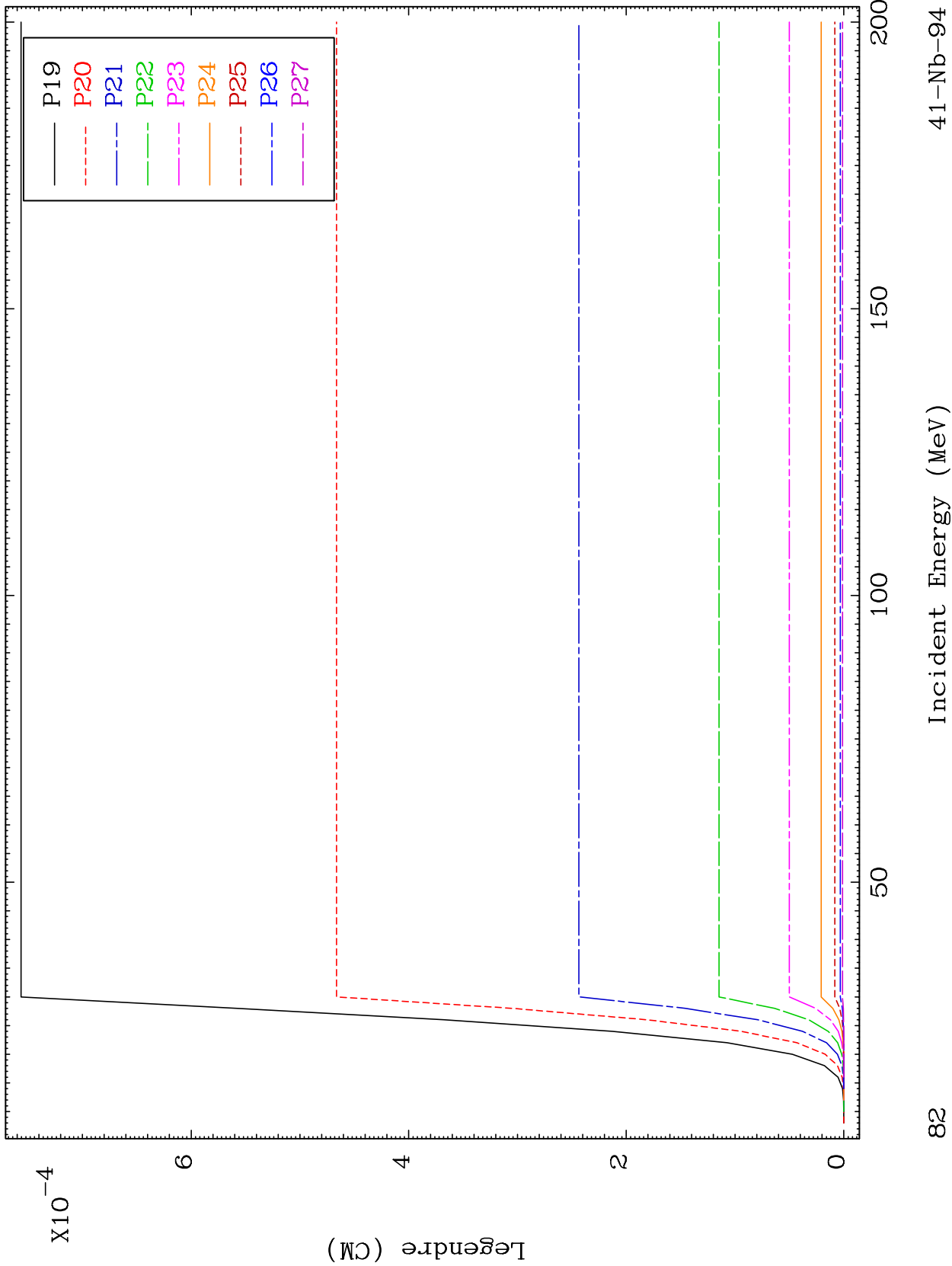
41-Nb-94



MAT 4128

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

41-Nb-94



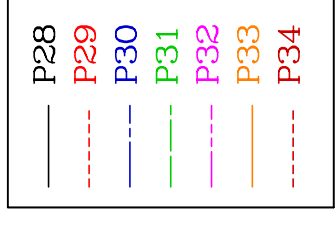
82

MAT 4128

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

41-Nb-94

$\times 10^{-7}$

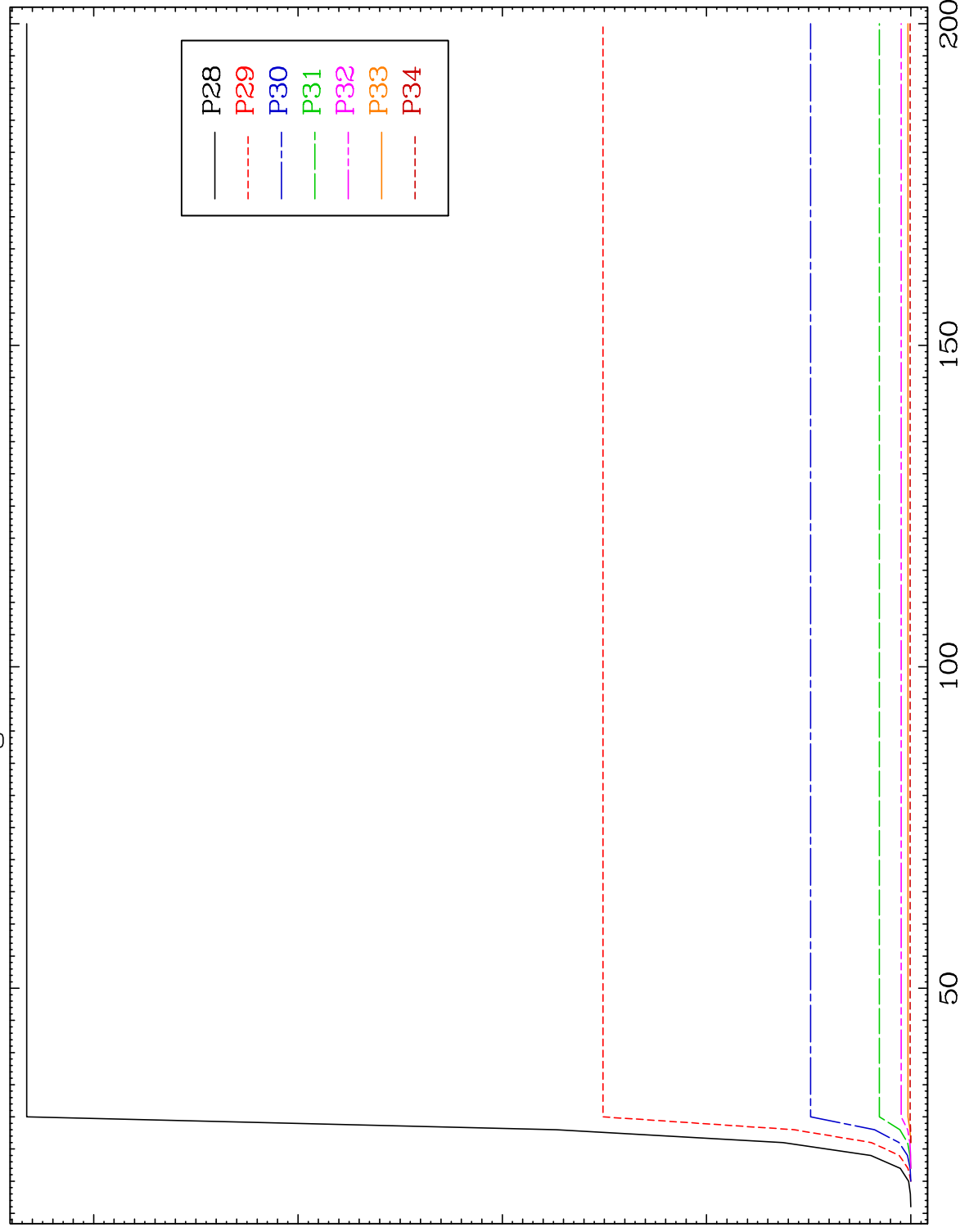


Legendre (CM)

83

Incident Energy (MeV)

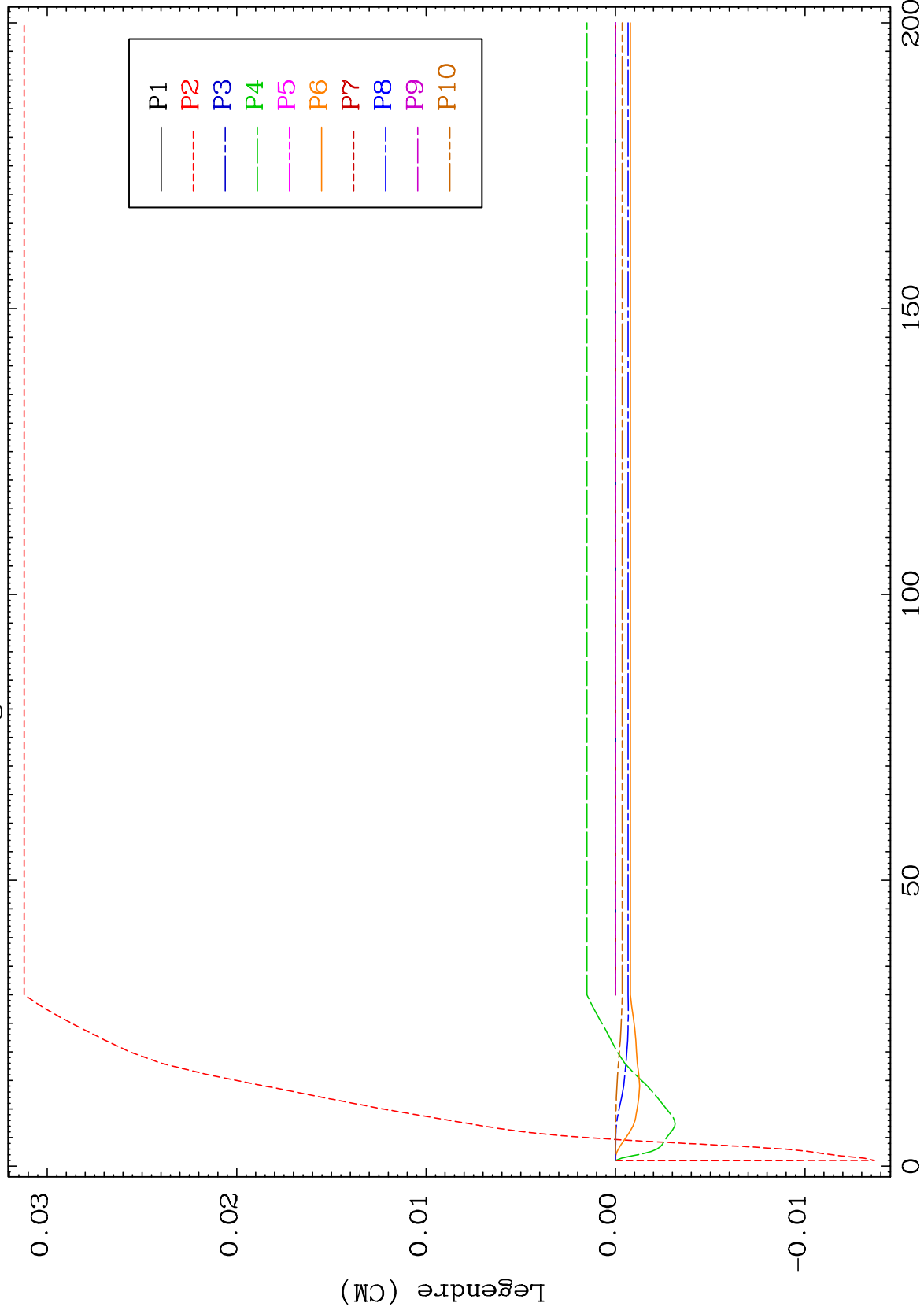
41-Nb-94



MAT 4128

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

41-Nb-94



84

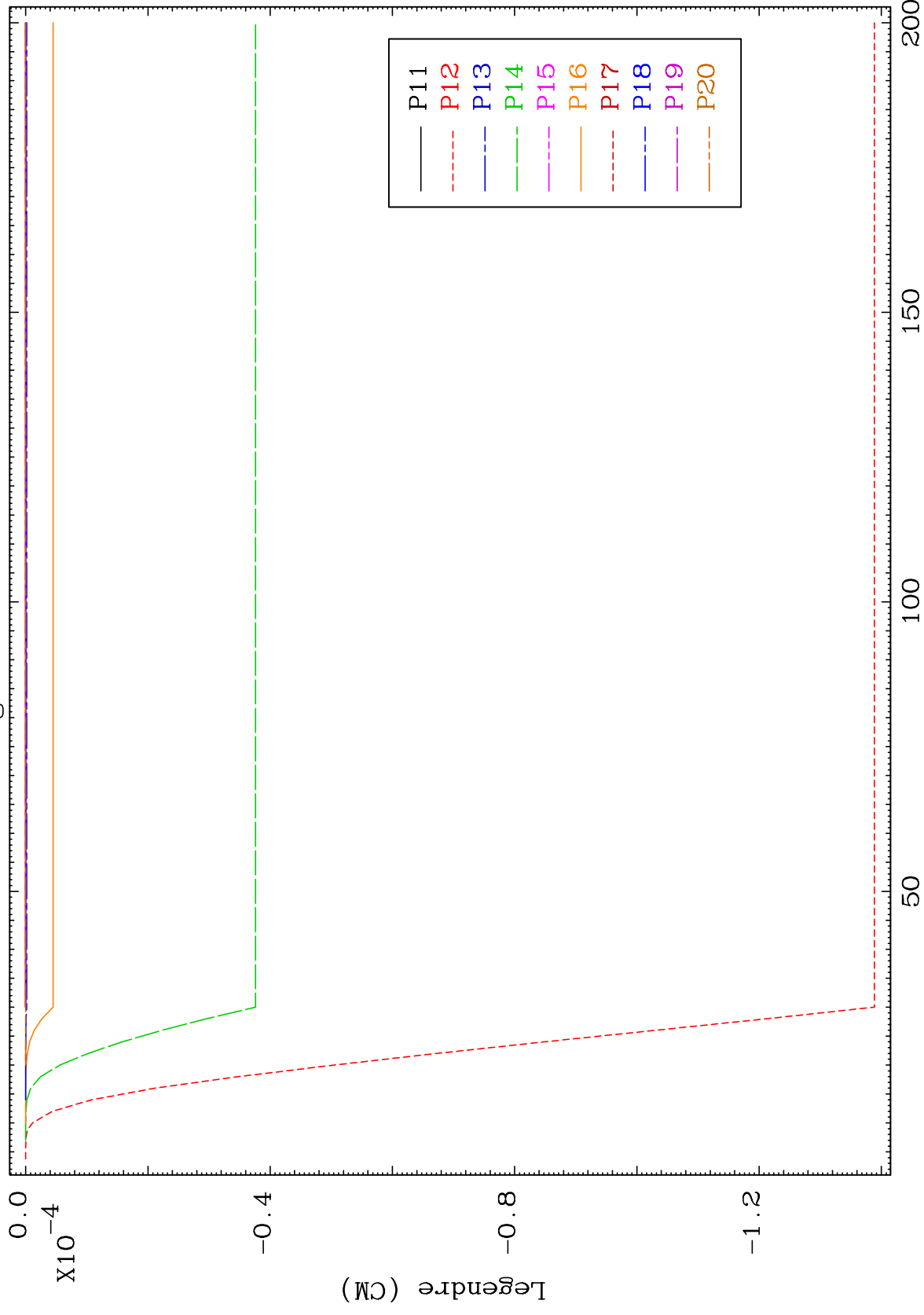
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



85

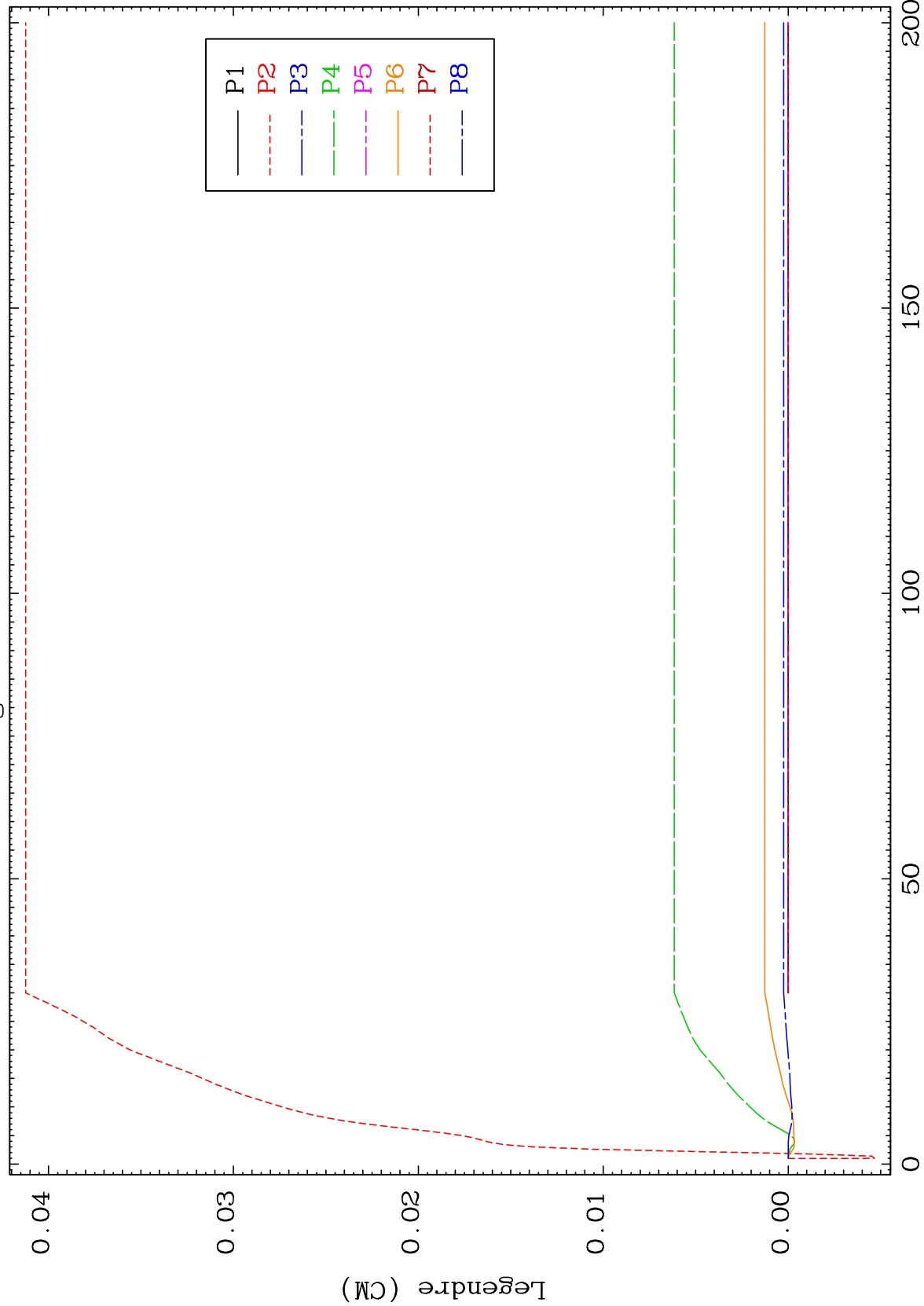
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



86

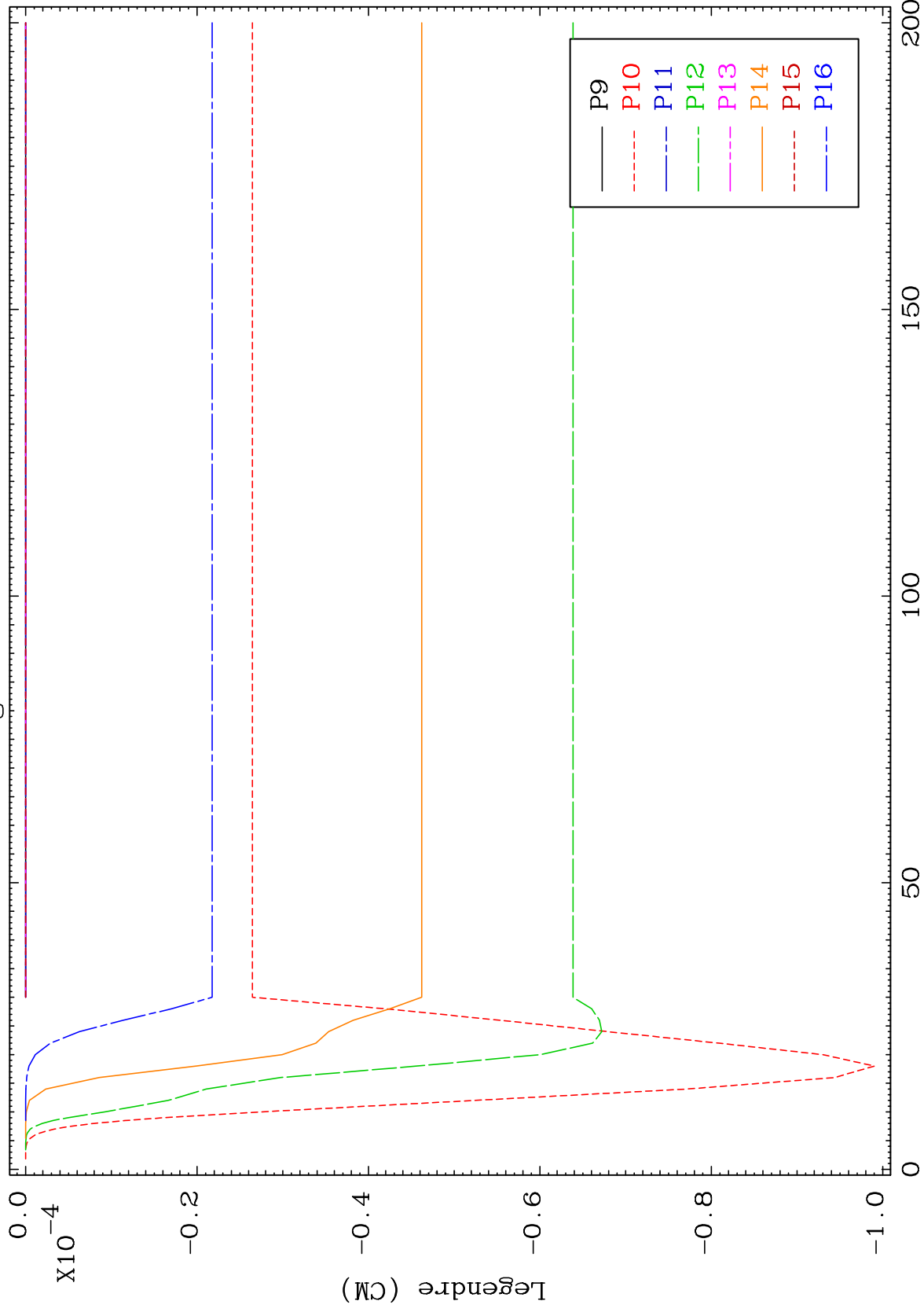
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



87

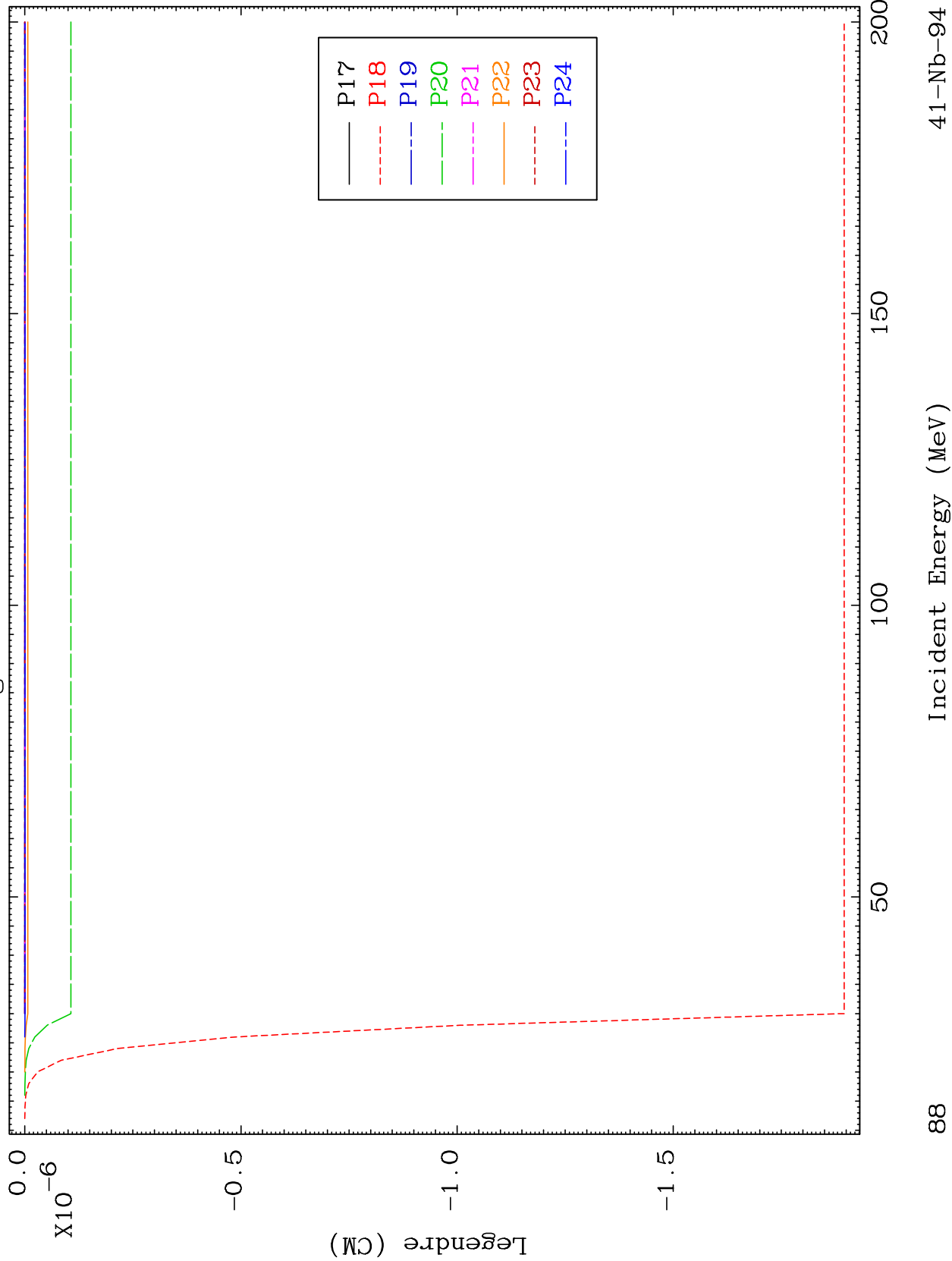
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



88

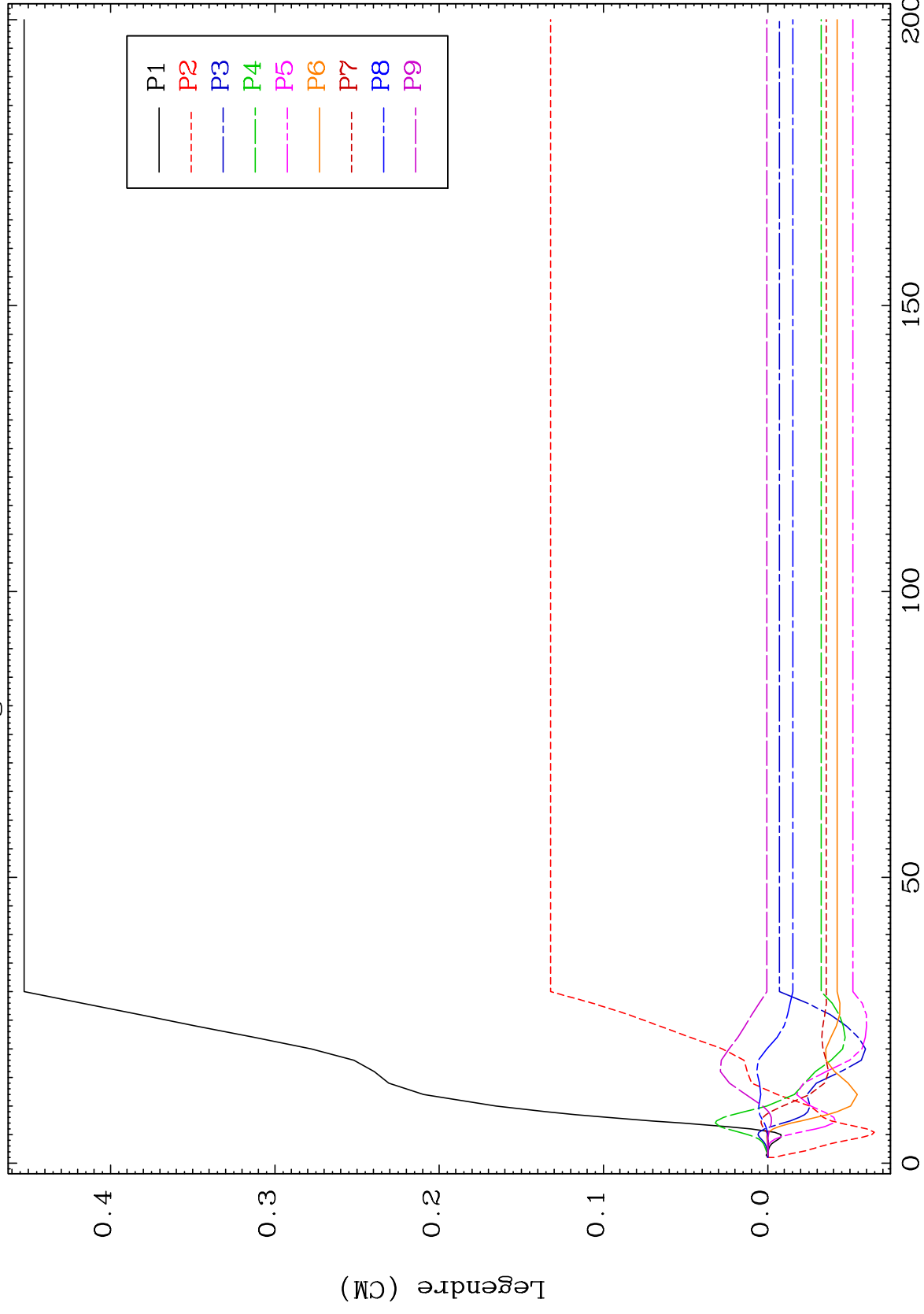
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



41-Nb-94

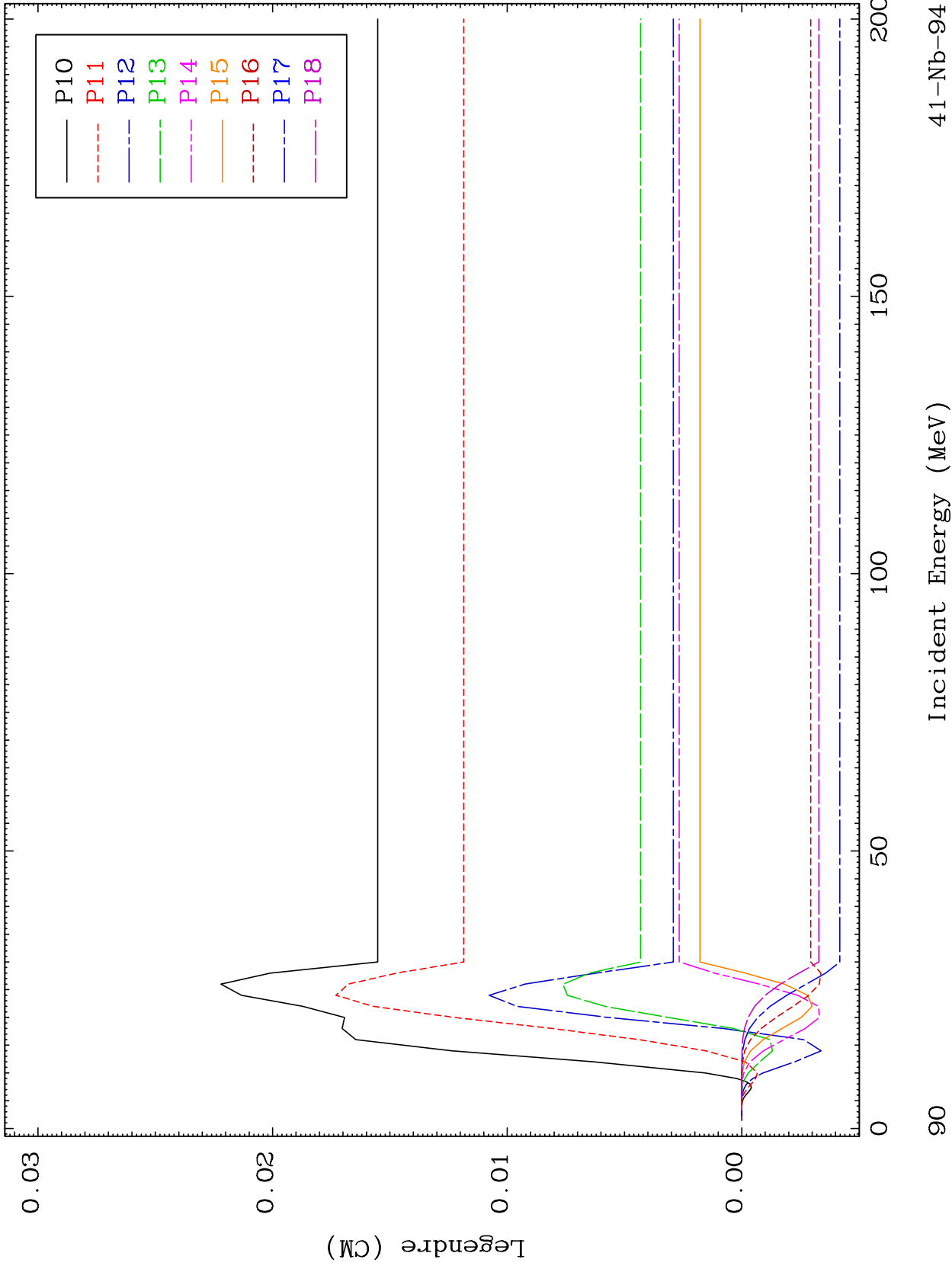
Incident Energy (MeV)

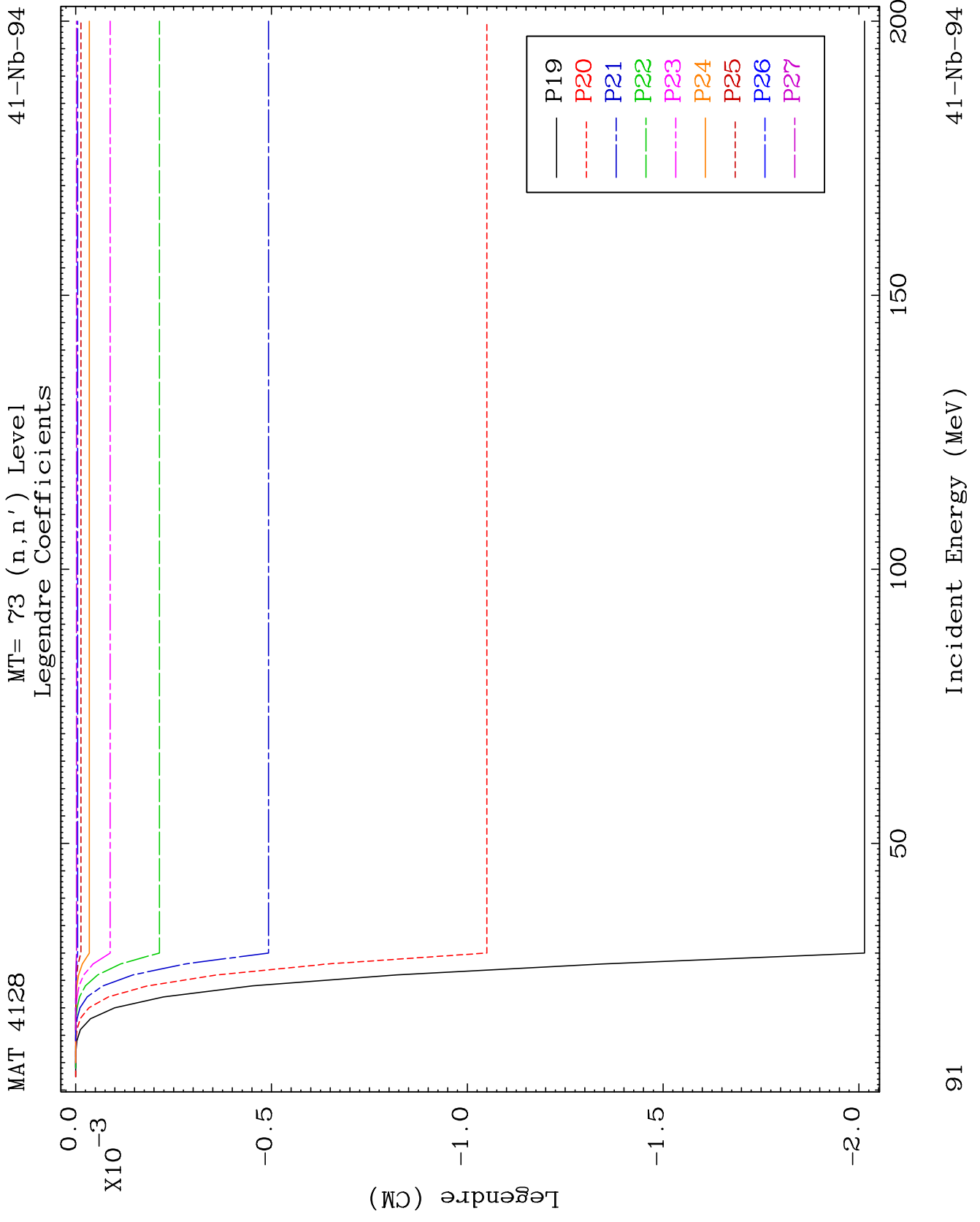
89

MAT 4128

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

41-Nb-94

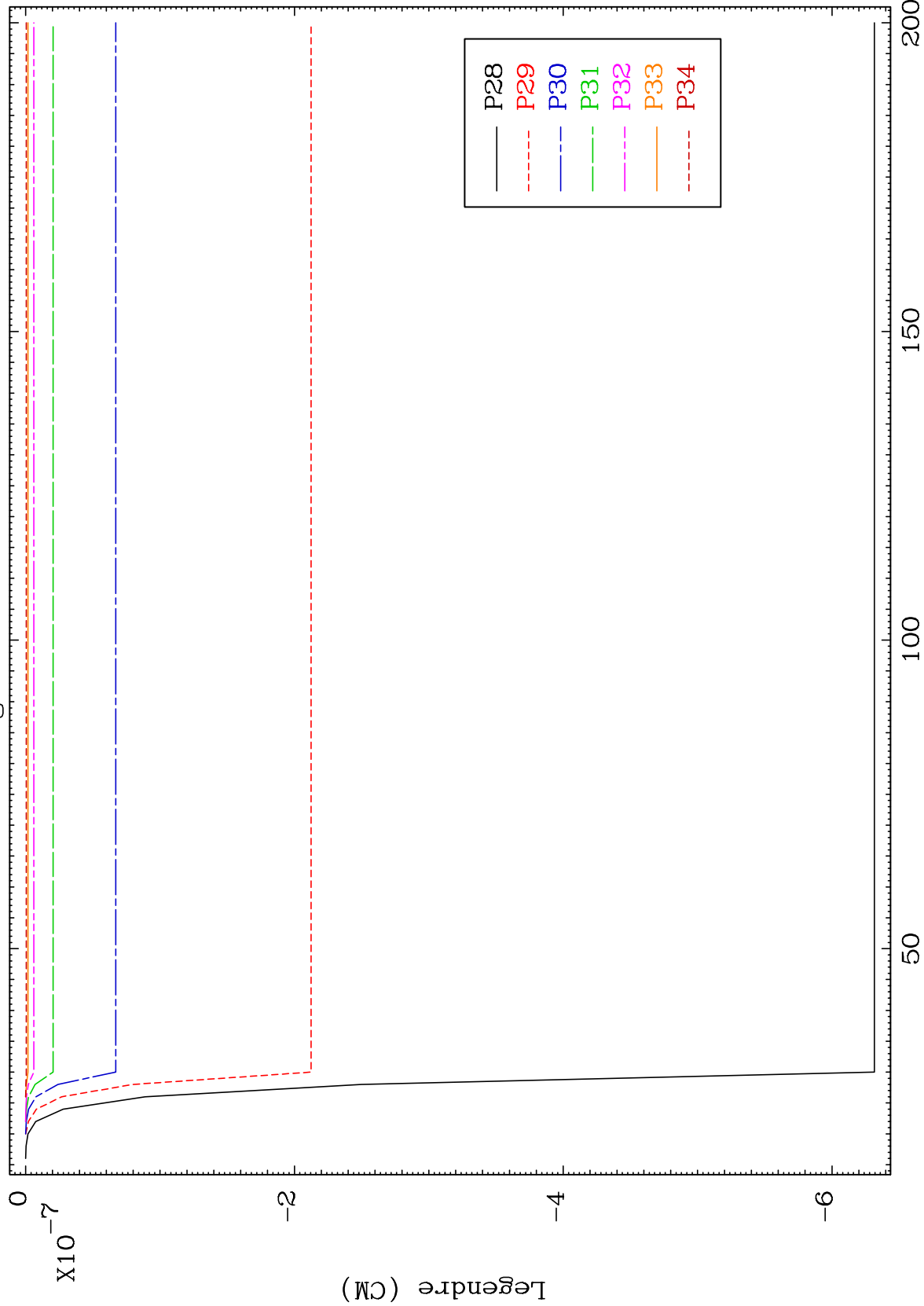




MAT 4128

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

41-Nb-94



92

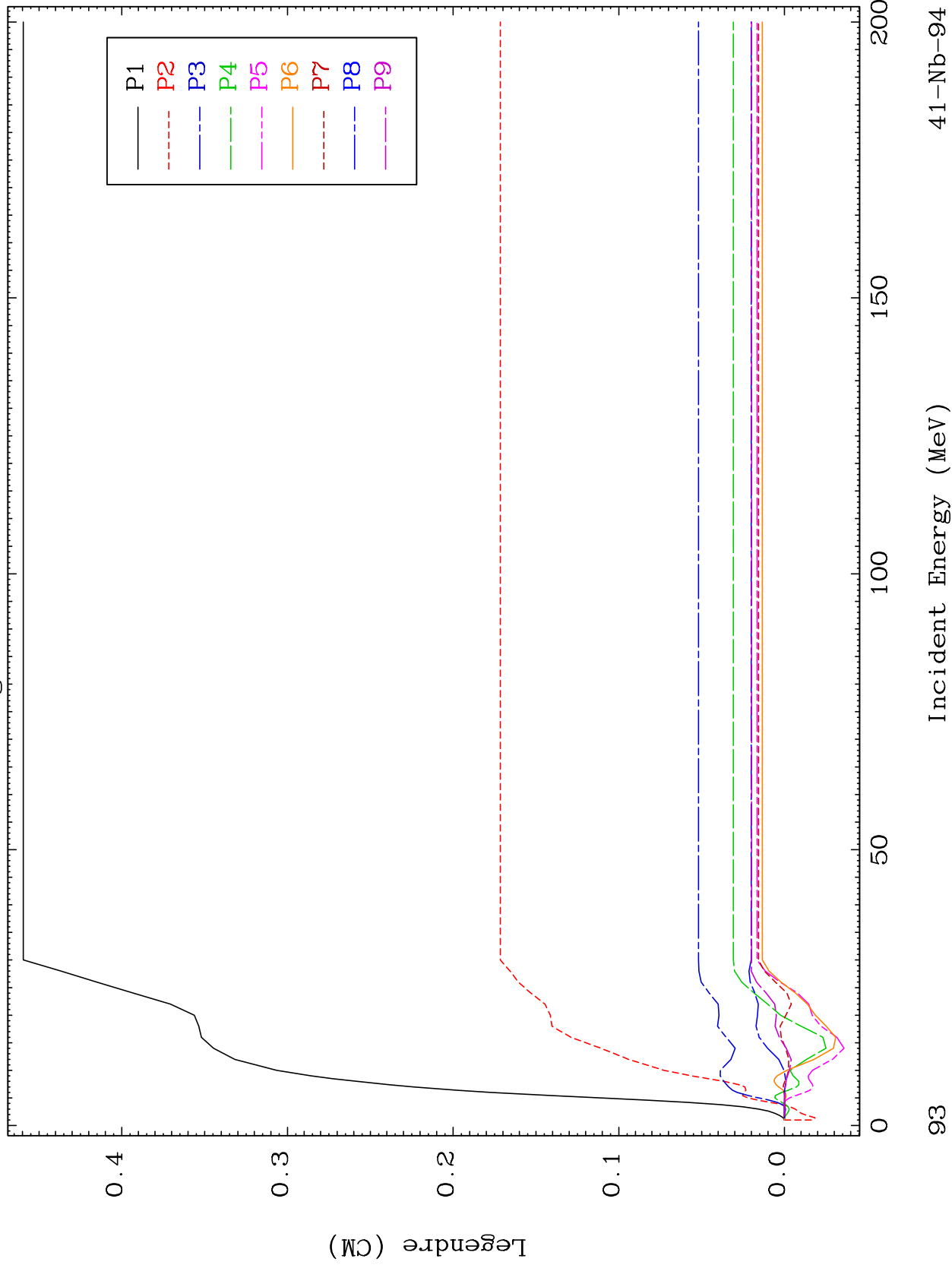
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



93

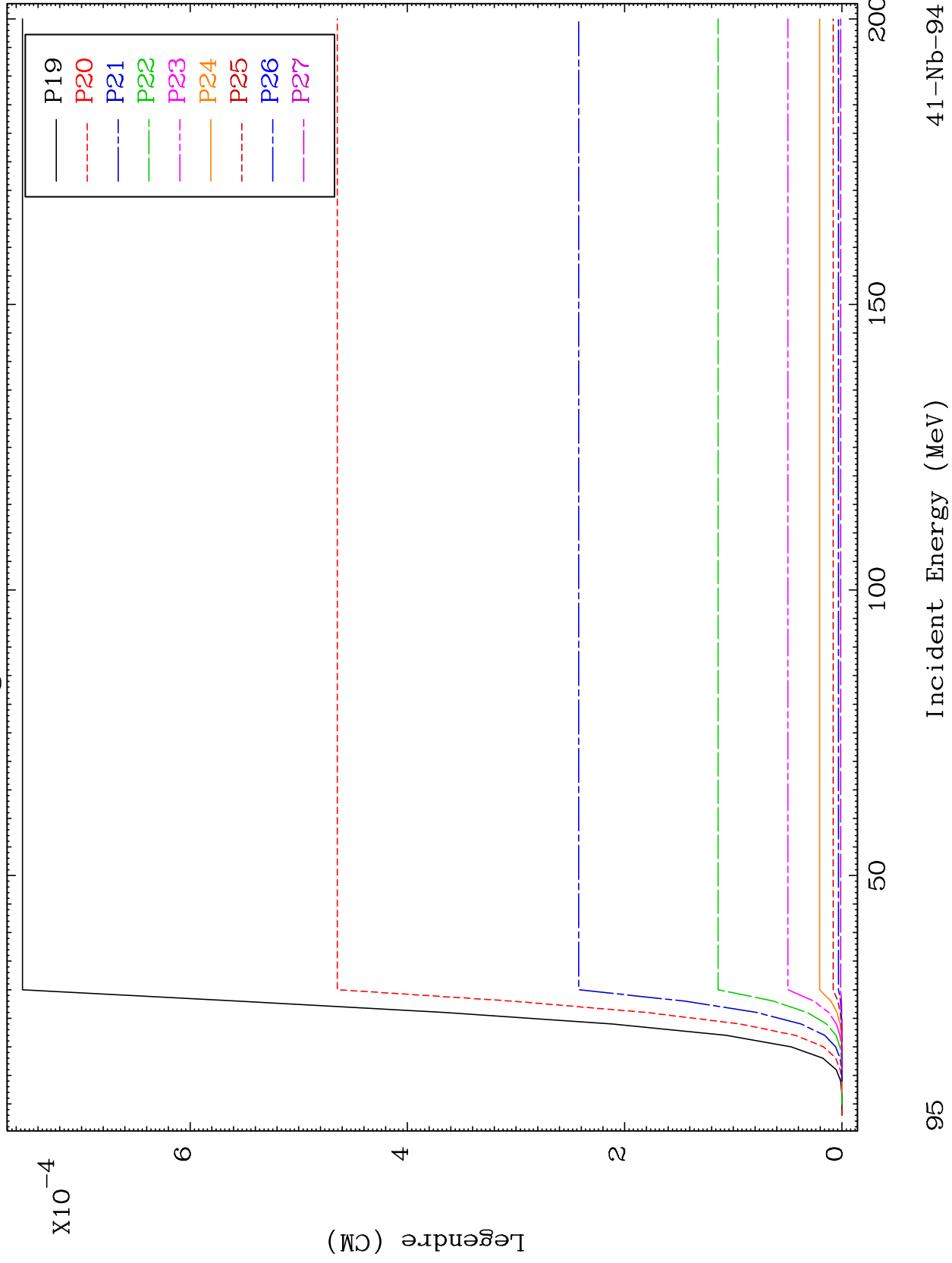
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

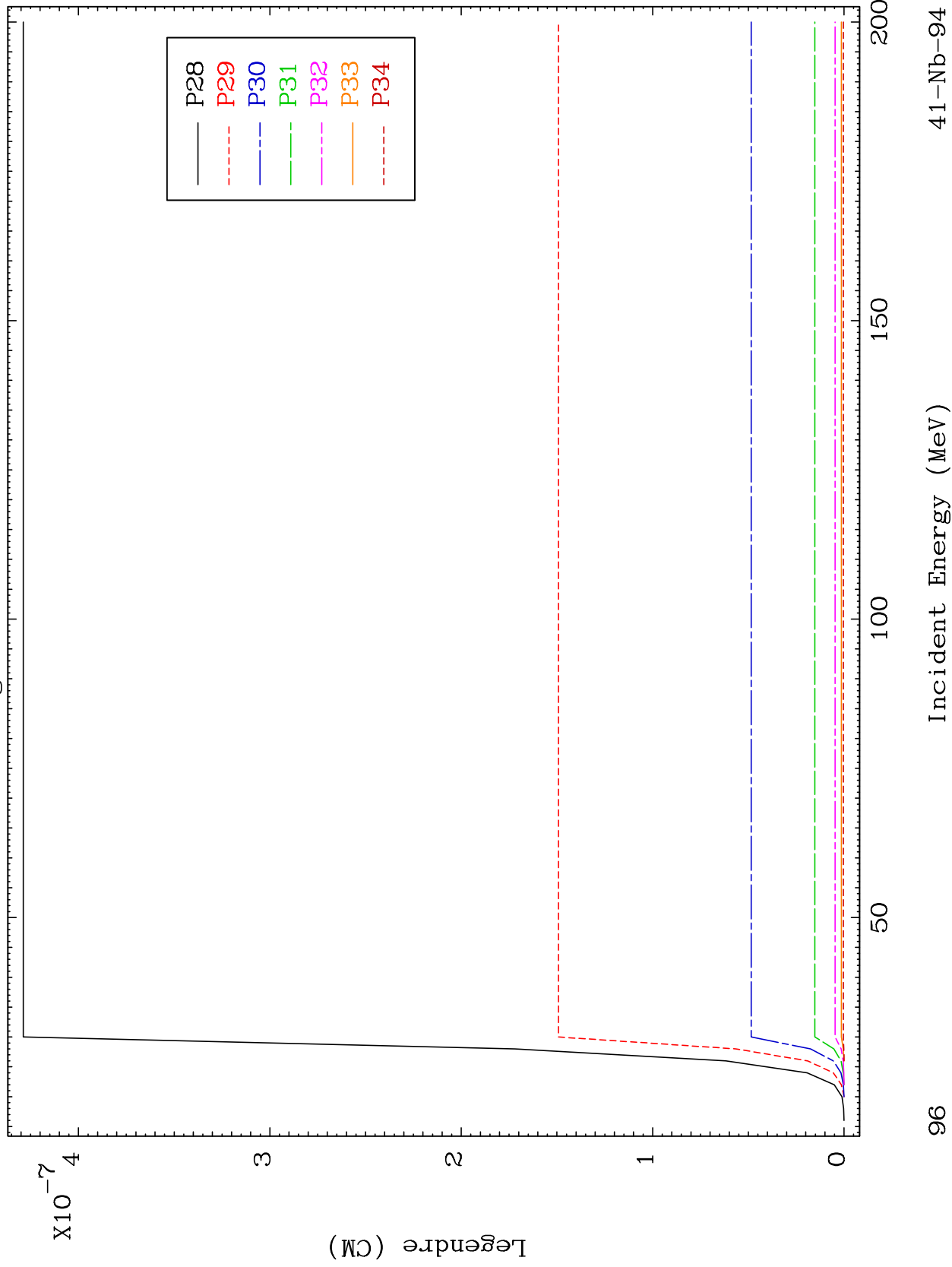
41-Nb-94



MAT 4128

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

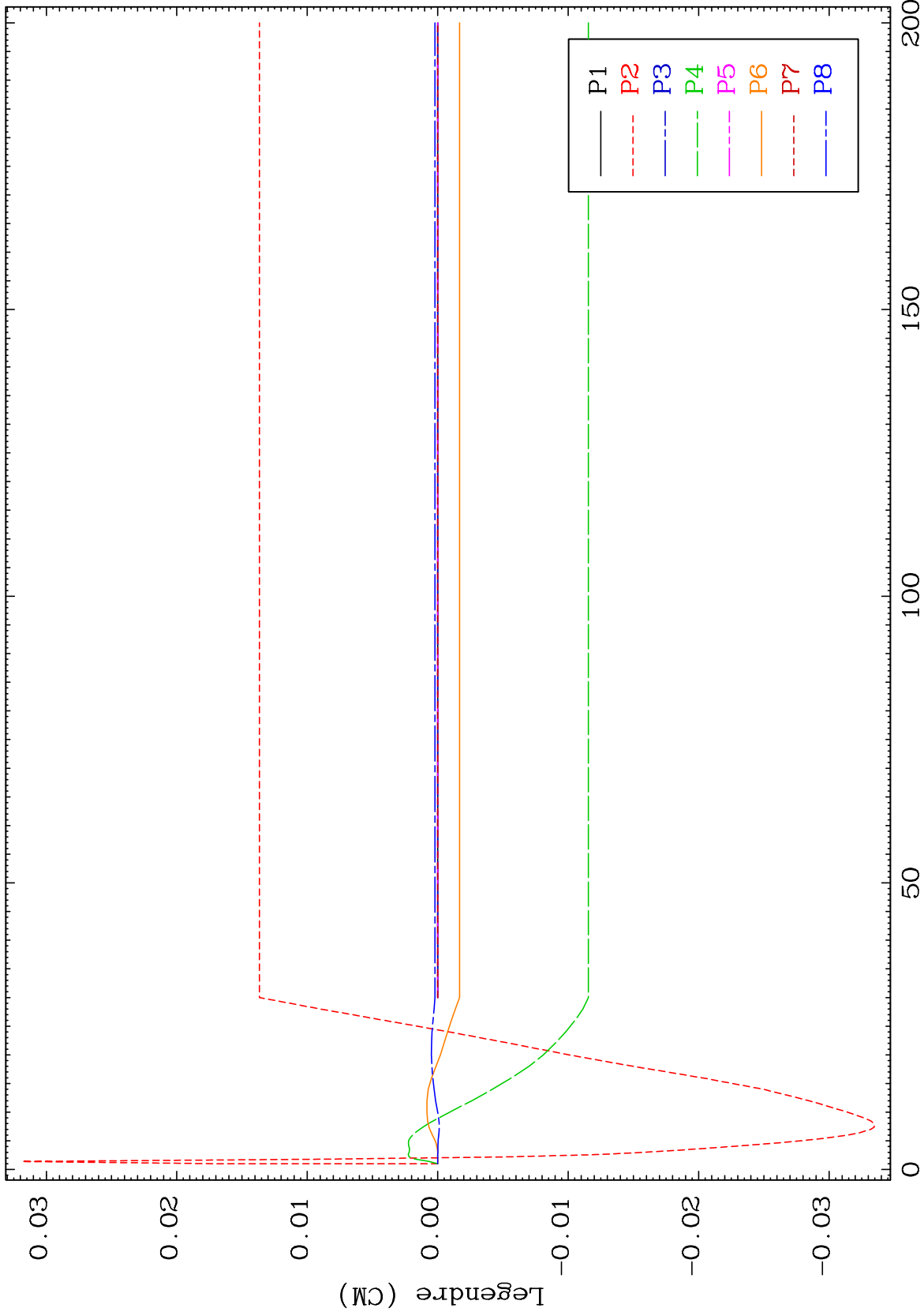
41-Nb-94



MAT 4128

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

41-Nb-94



97

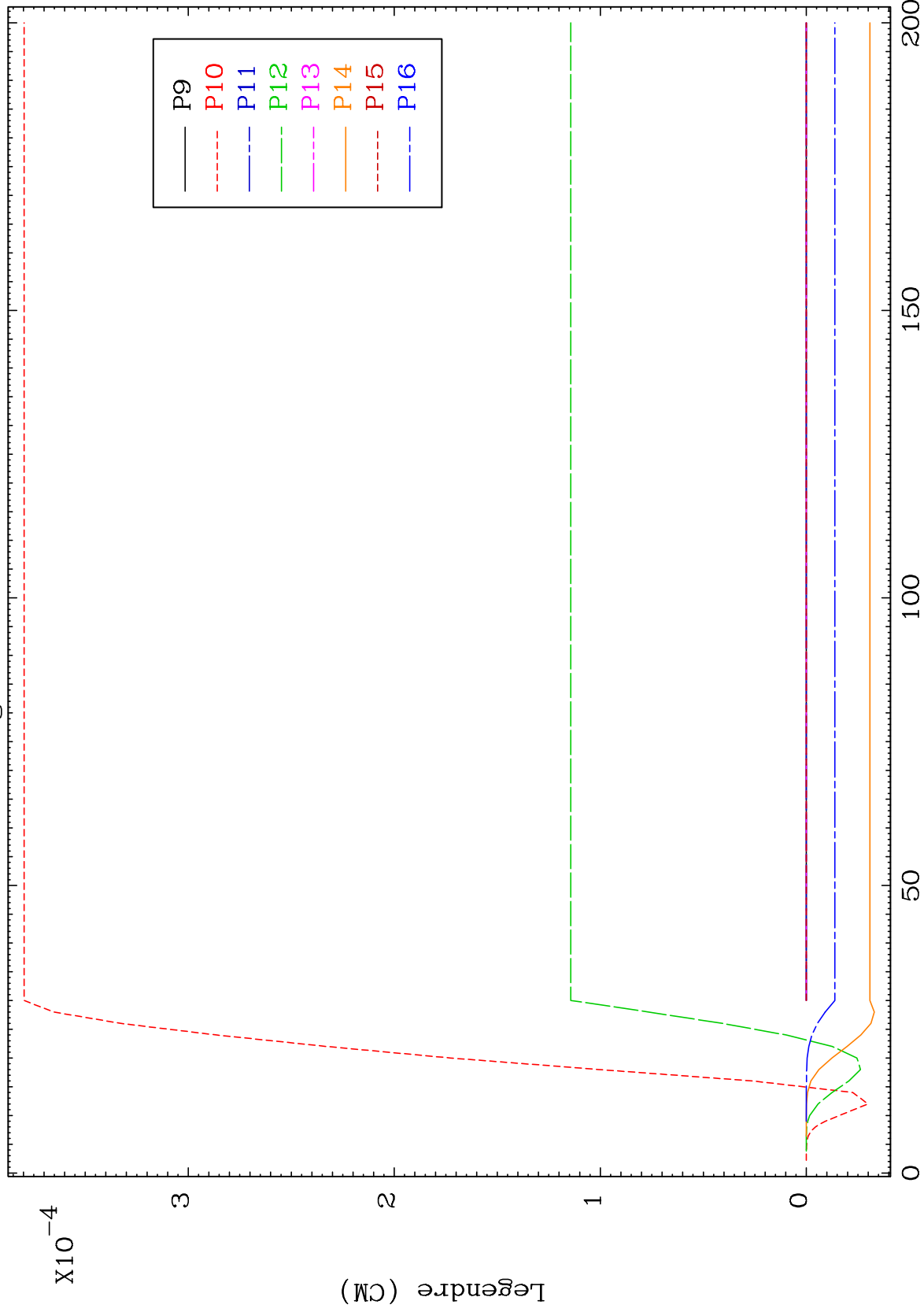
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



98

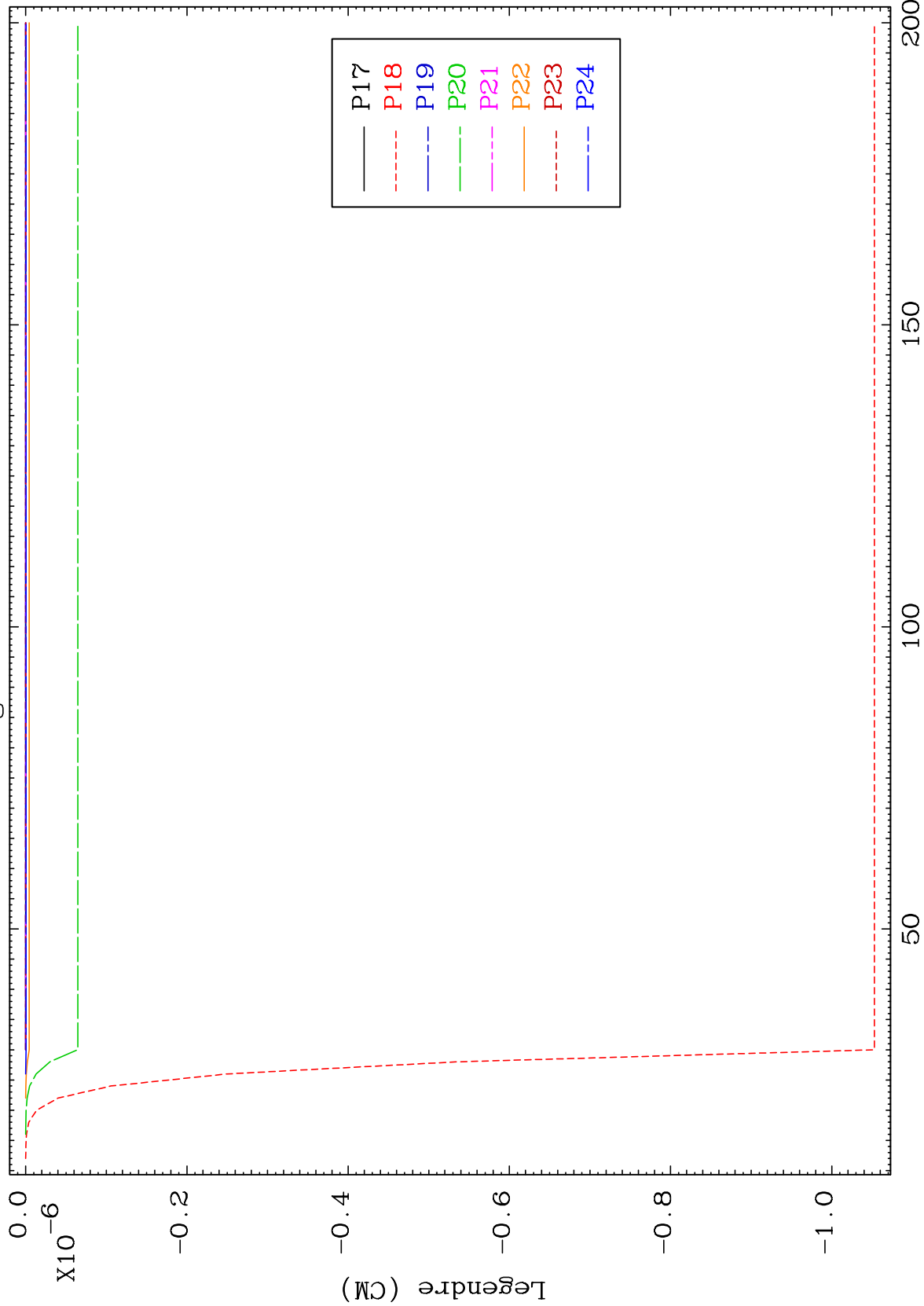
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94



99

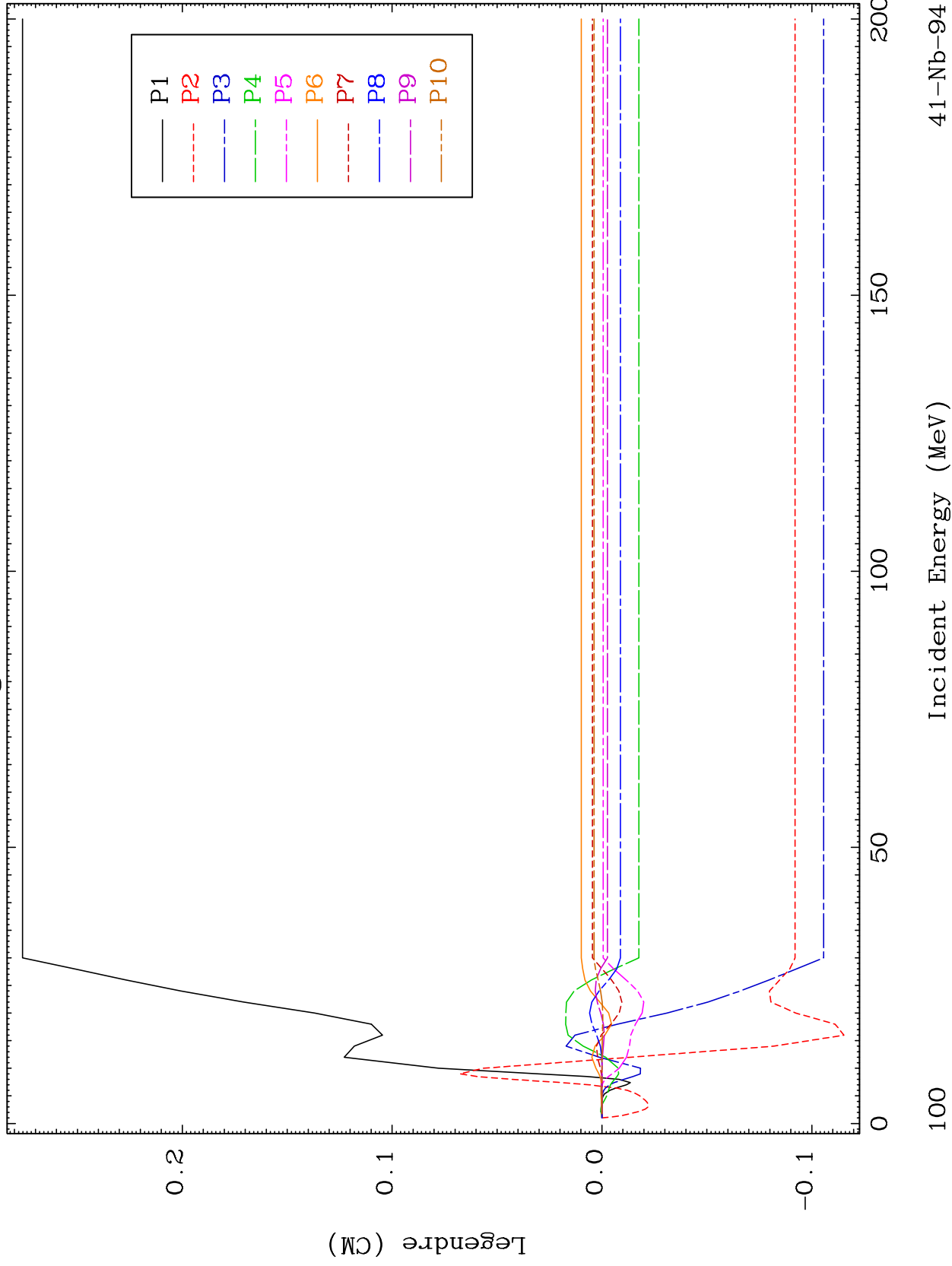
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94

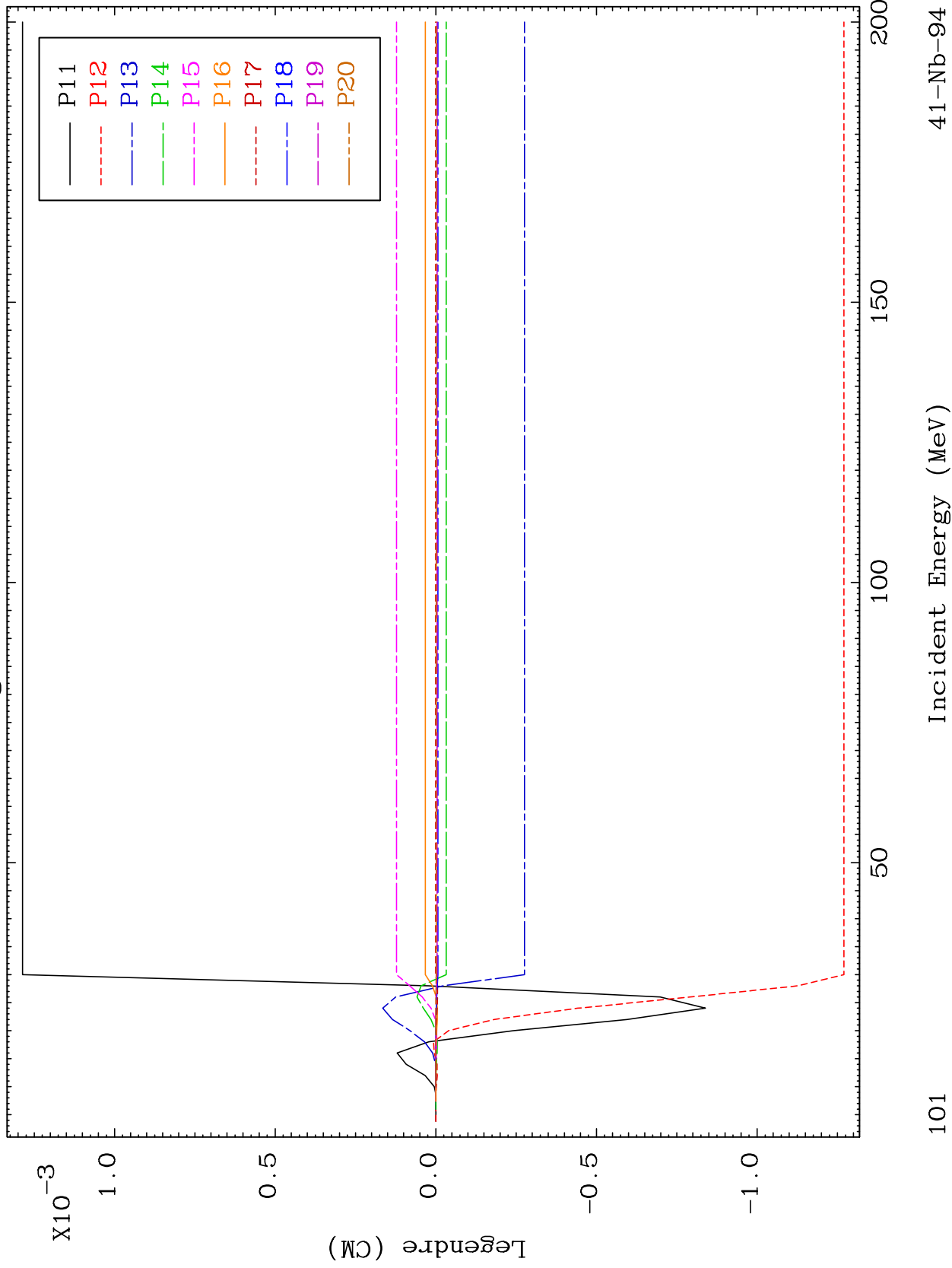


41-Nb-94

MAT 4128

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

41-Nb-94



101

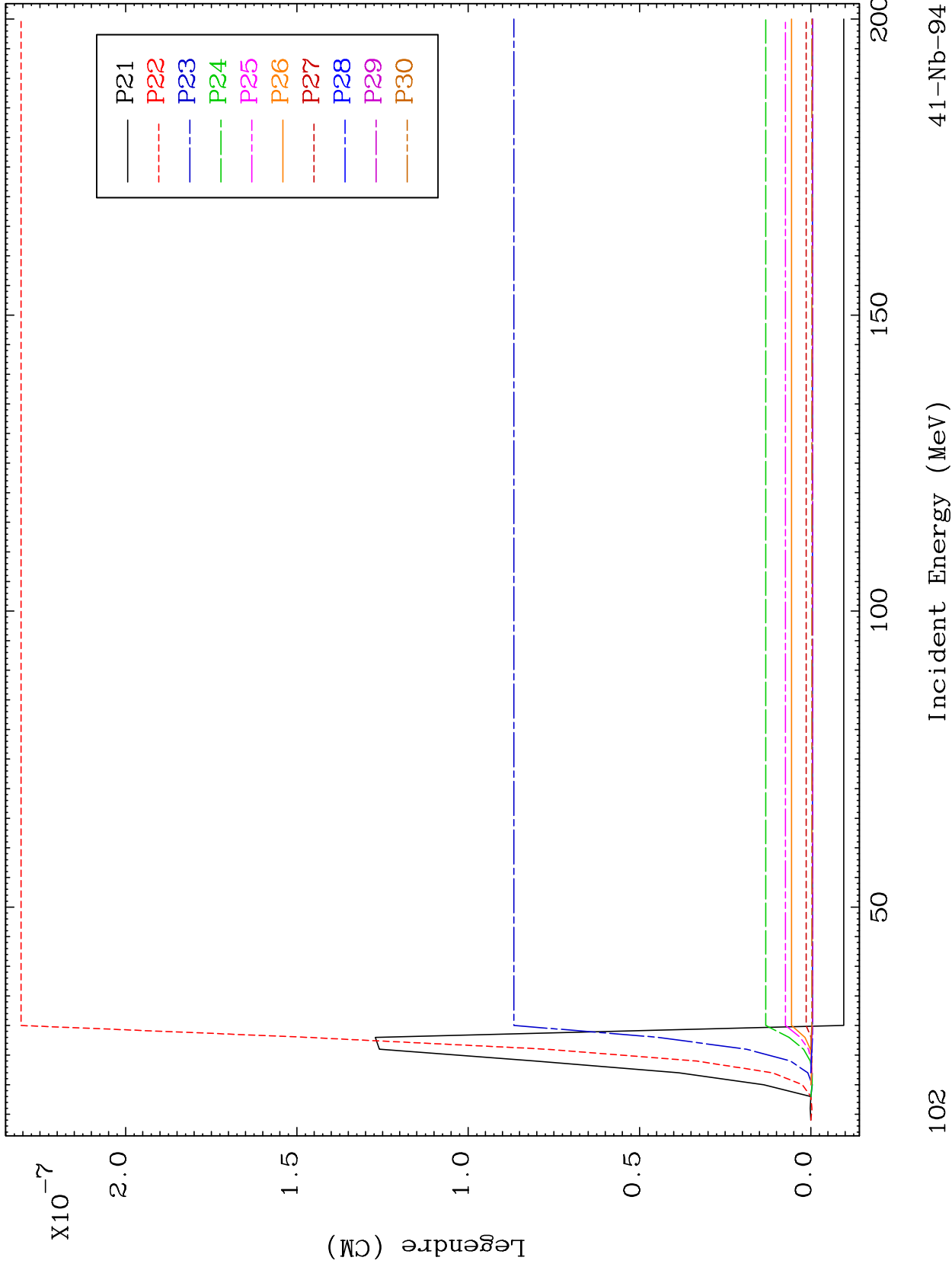
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

41-Nb-94

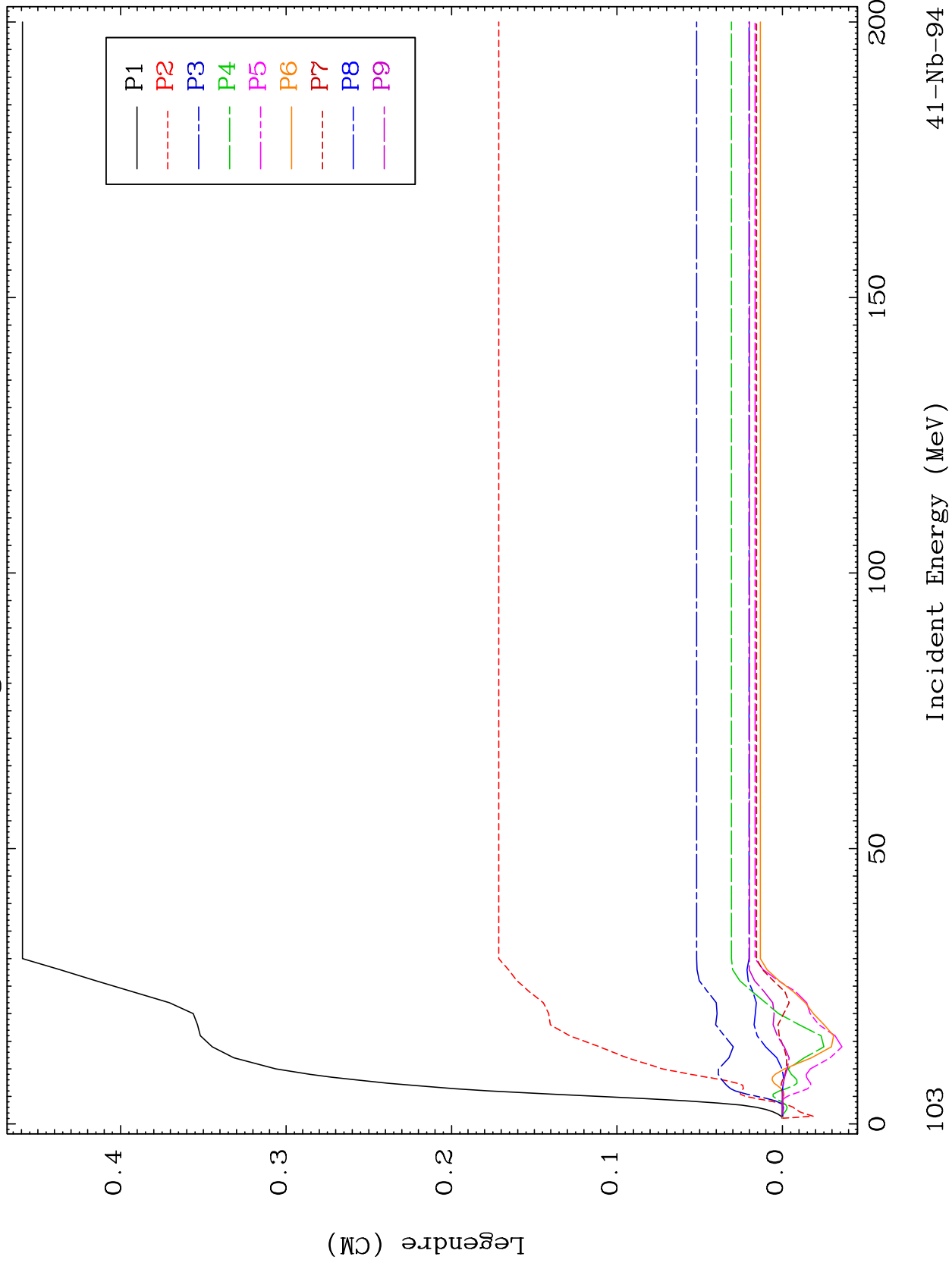


102

MAT 4128

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

41-Nb-94



41-Nb-94

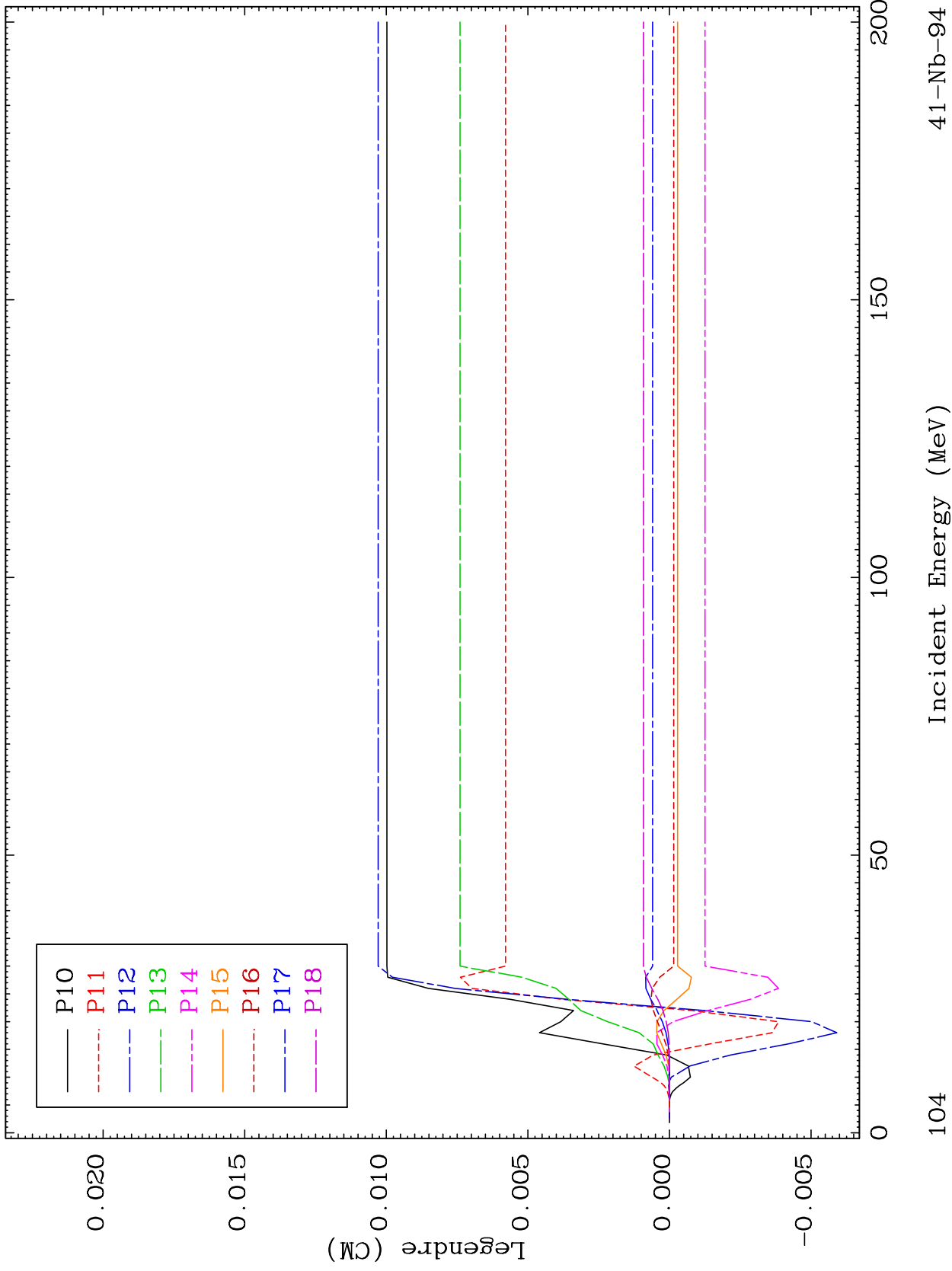
Incident Energy (MeV)

103

MAT 4128

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

41-Nb-94

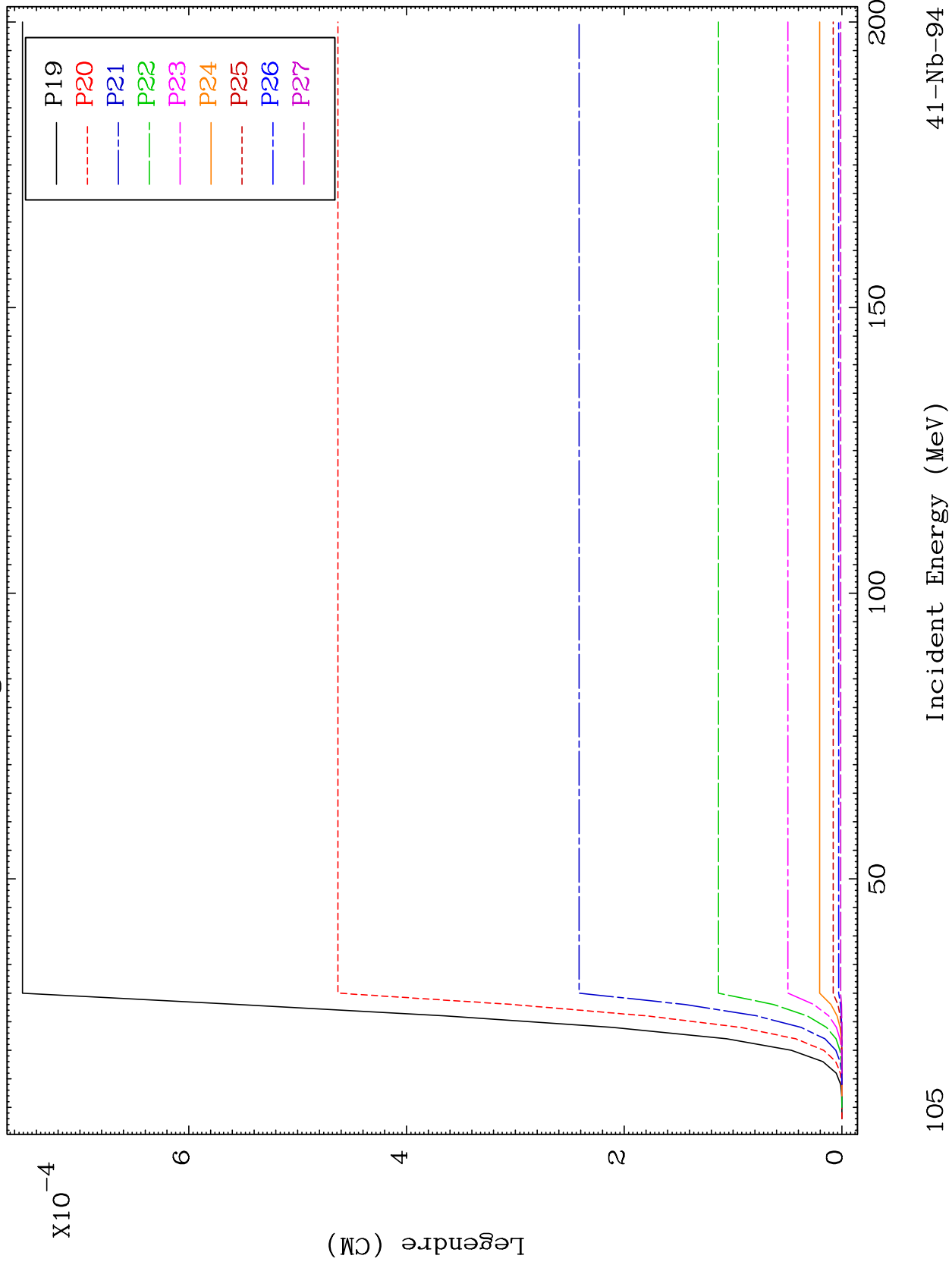


104

MAT 4128

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

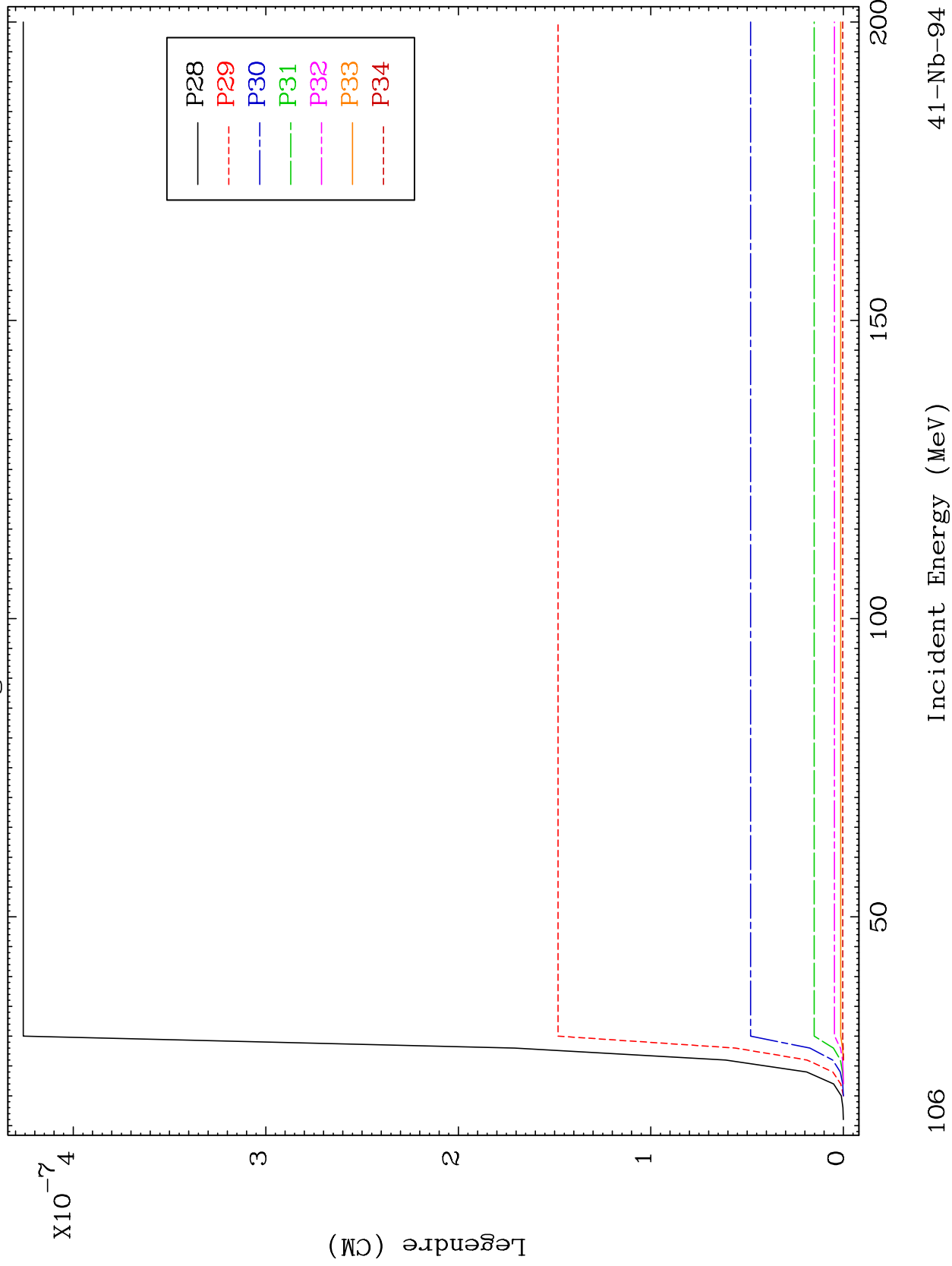
41-Nb-94



MAT 4128

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

41-Nb-94



106

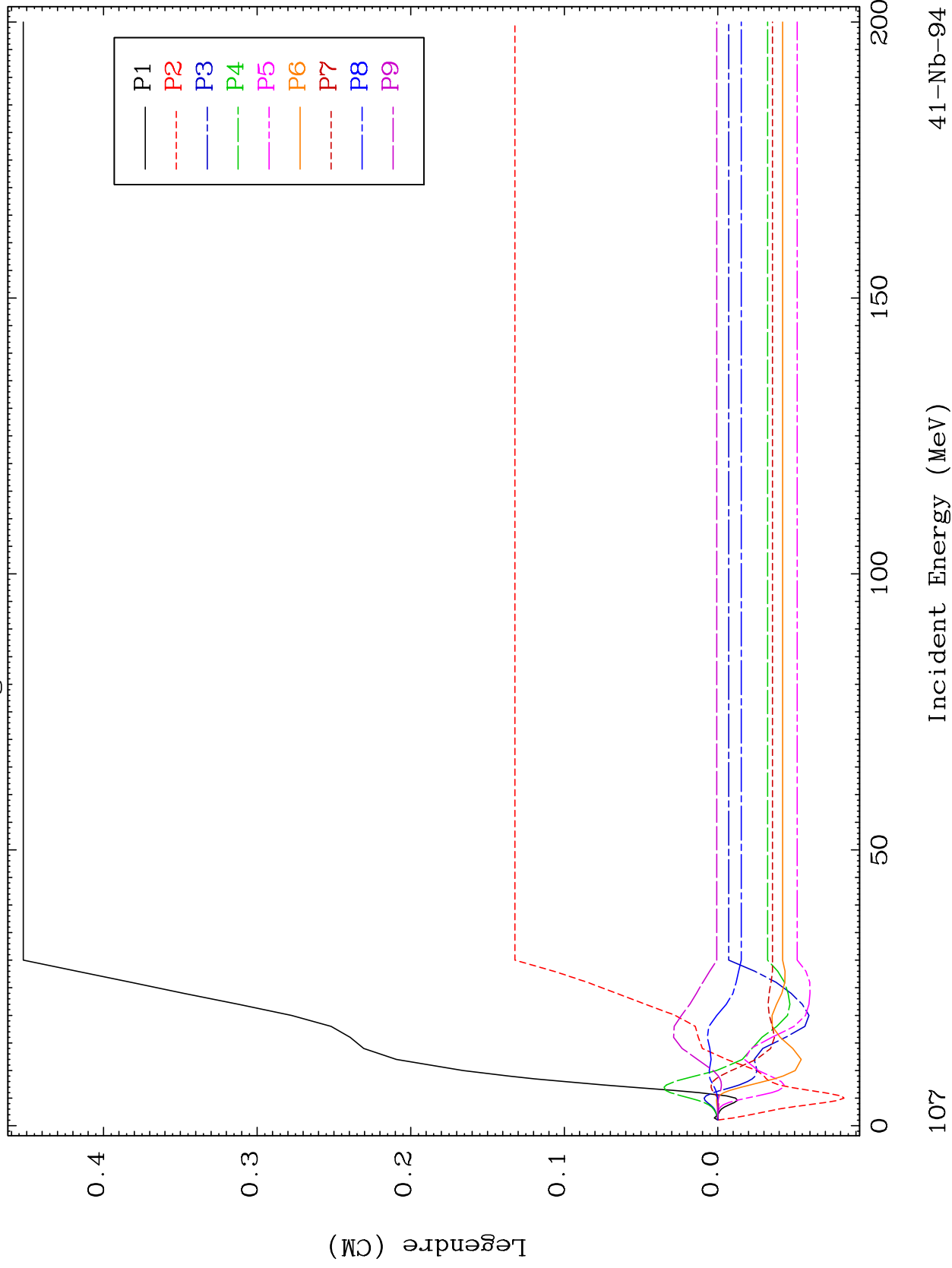
Incident Energy (MeV)

41-Nb-94

MAT 4128

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

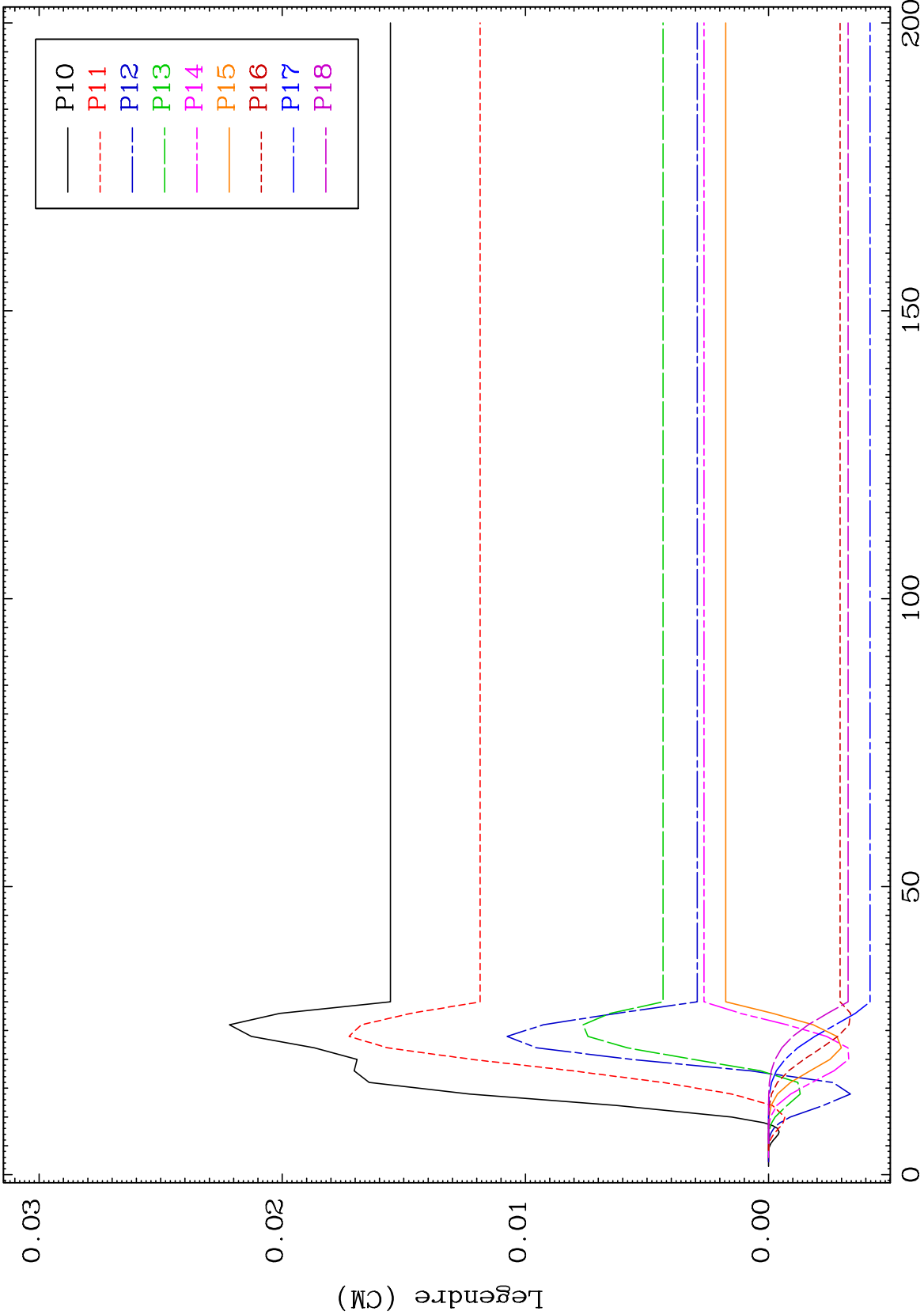
41-Nb-94



MAT 4128

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

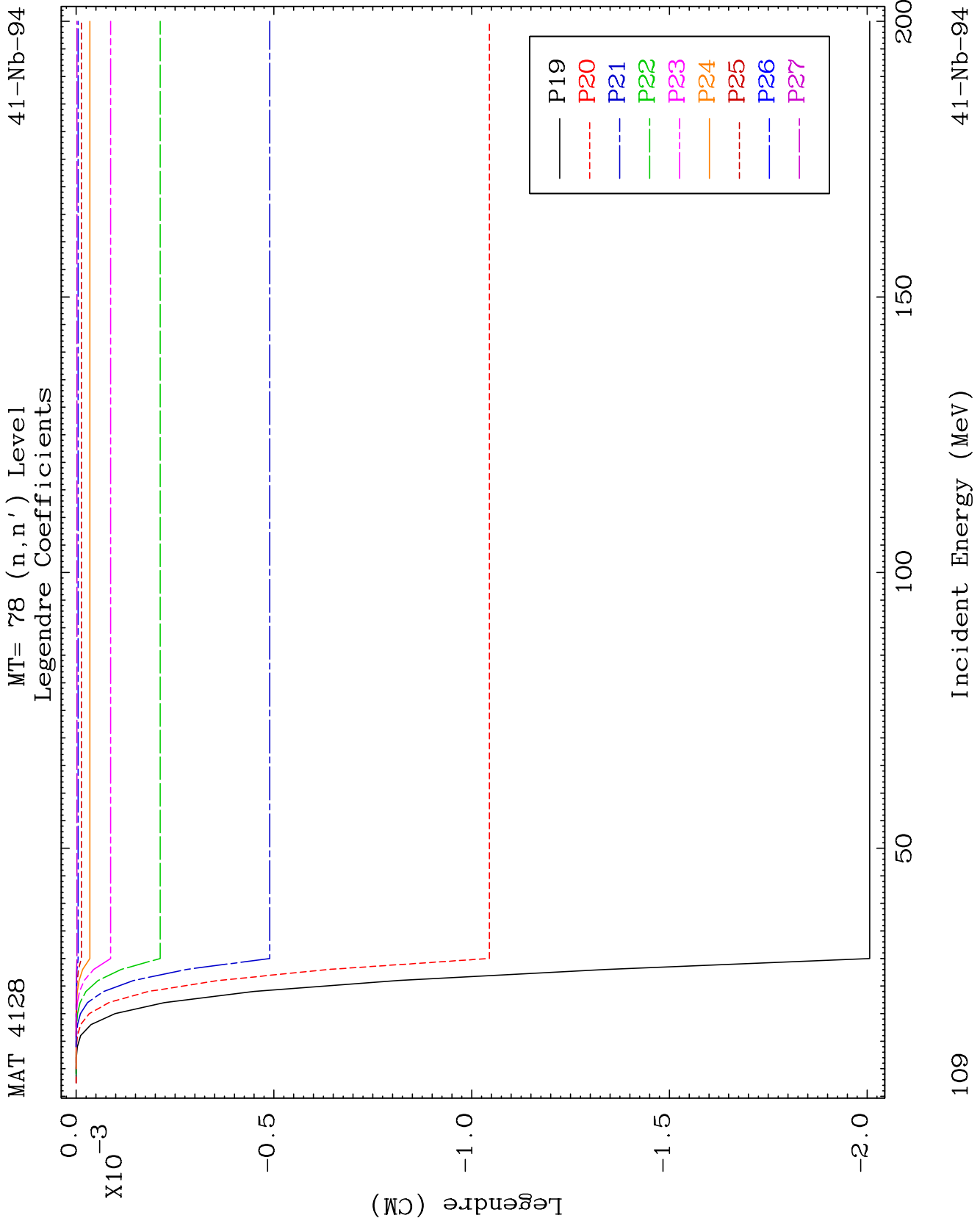
41-Nb-94

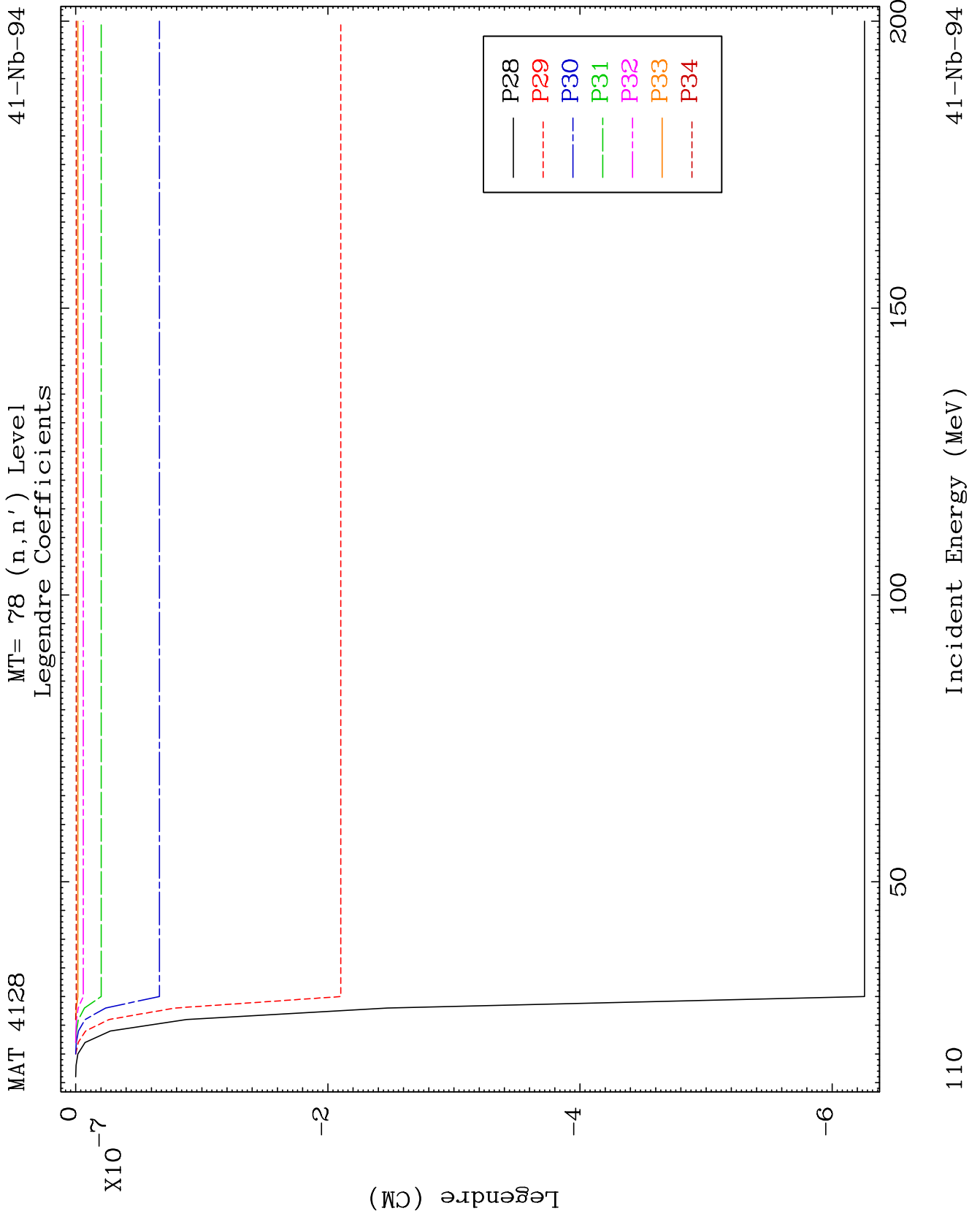


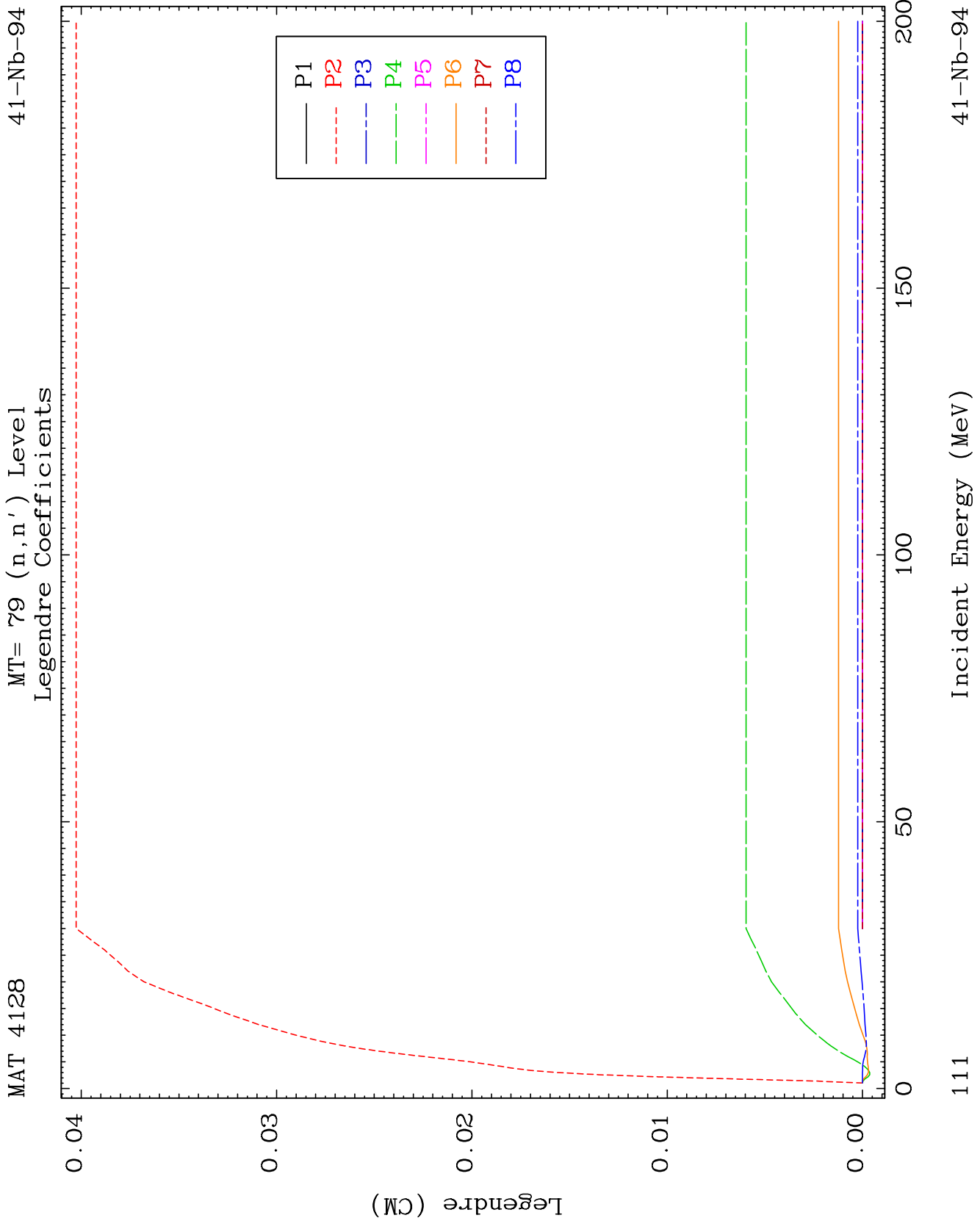
108

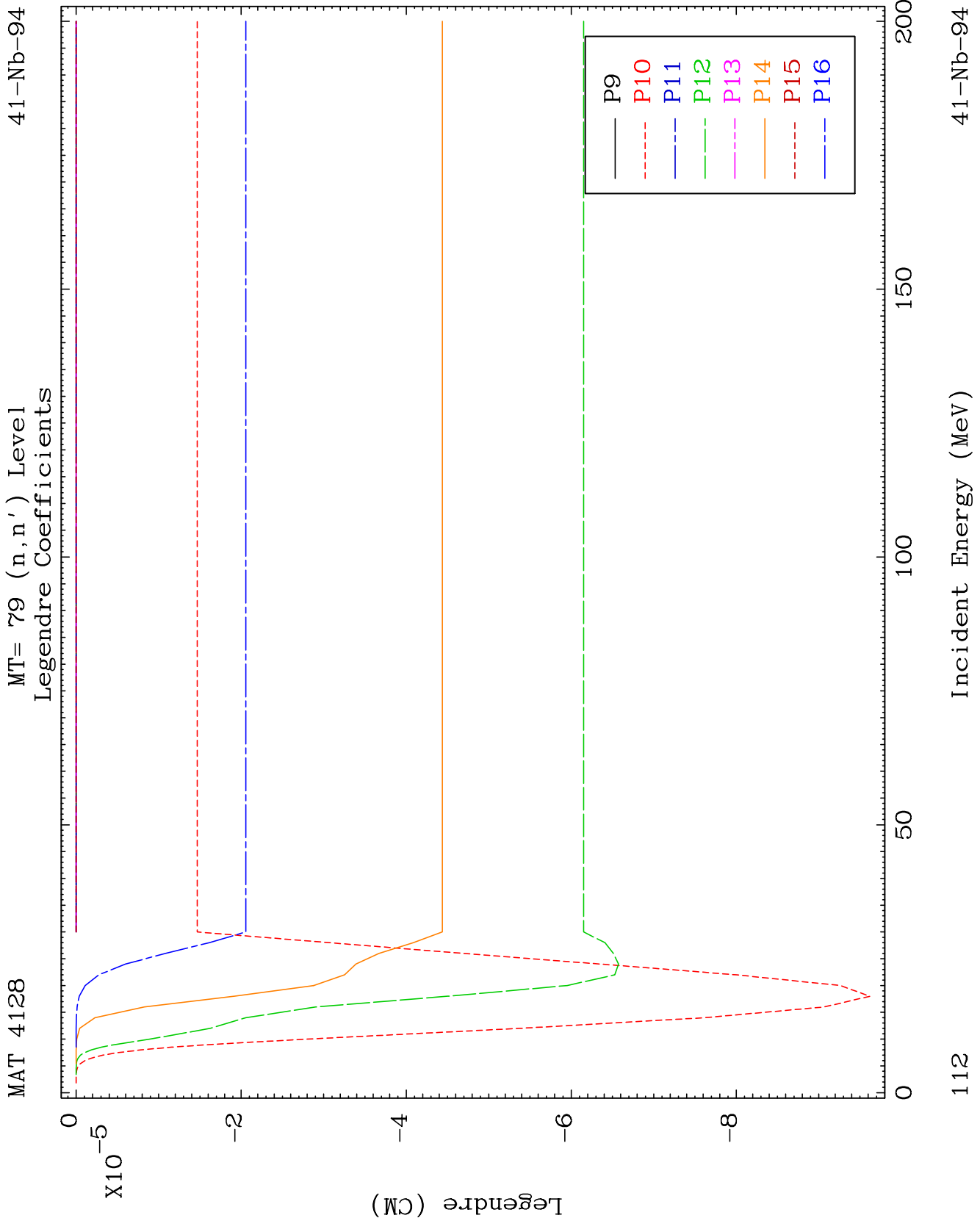
Incident Energy (MeV)

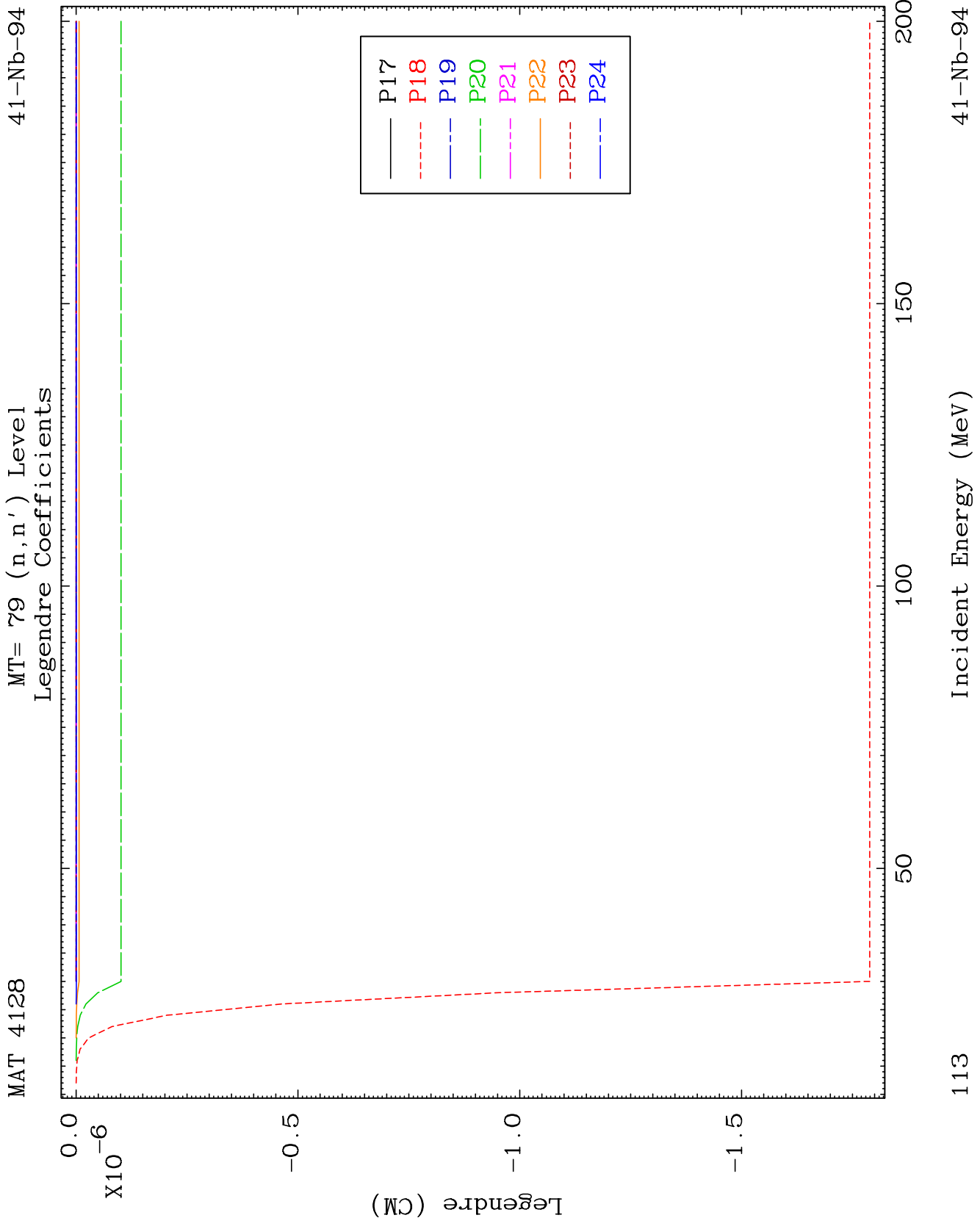
41-Nb-94







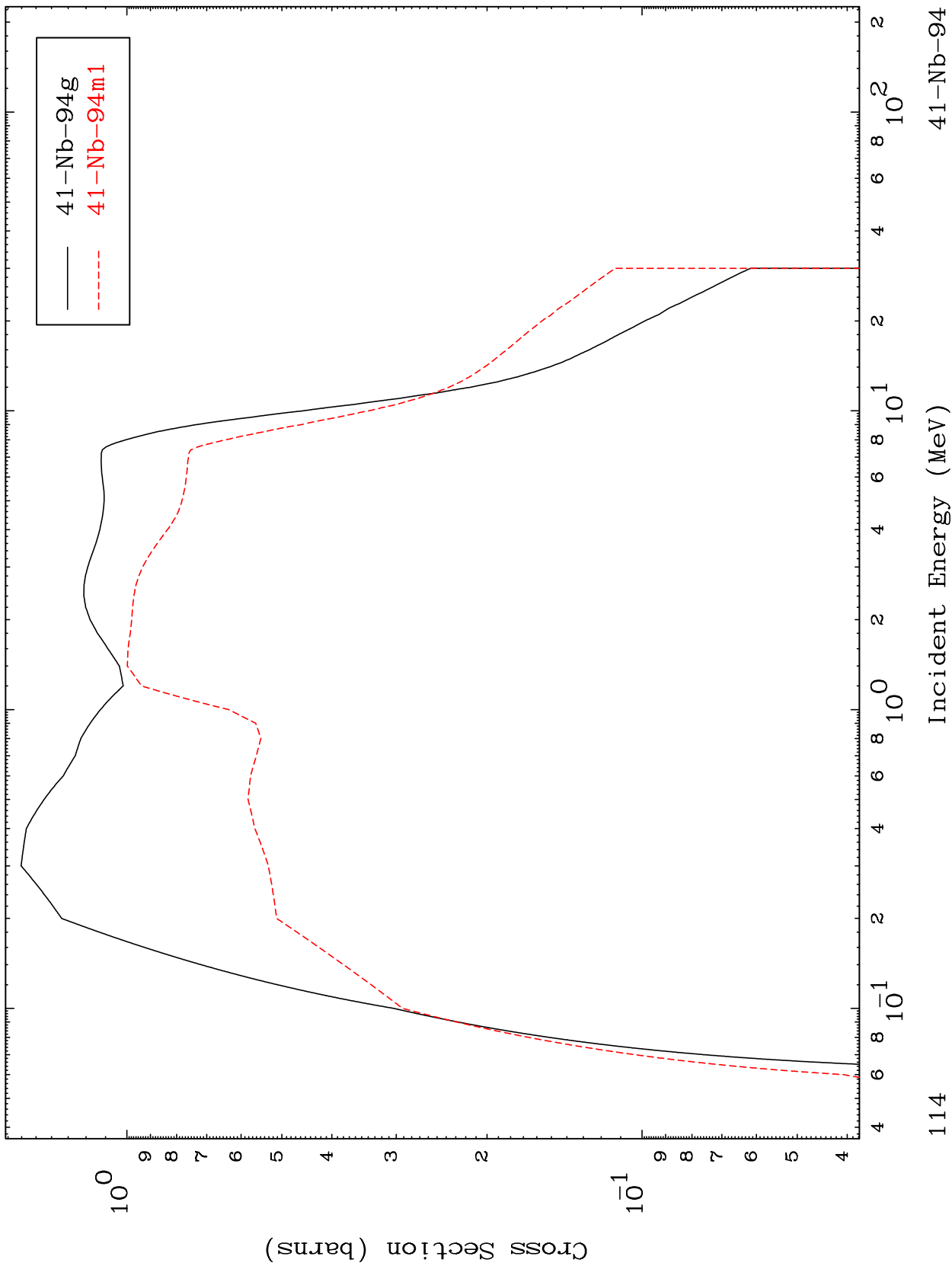




MAT 4128

41-Nb-94

Inelastic
Radionuclide Production Cross Section



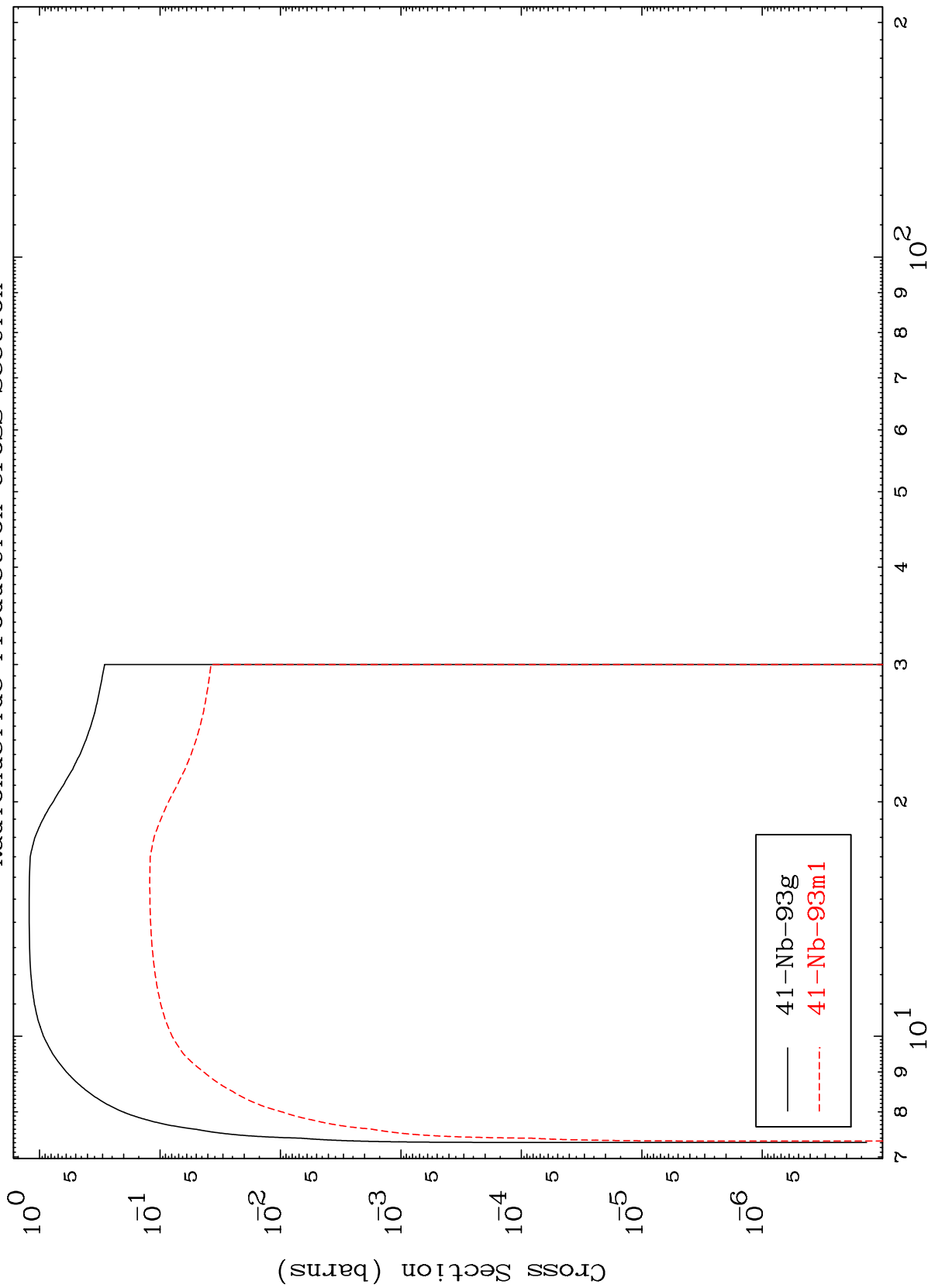
114

41-Nb-94

MAT 4128

41-Nb-94

Radionuclide Production Cross Section
(n,2n)

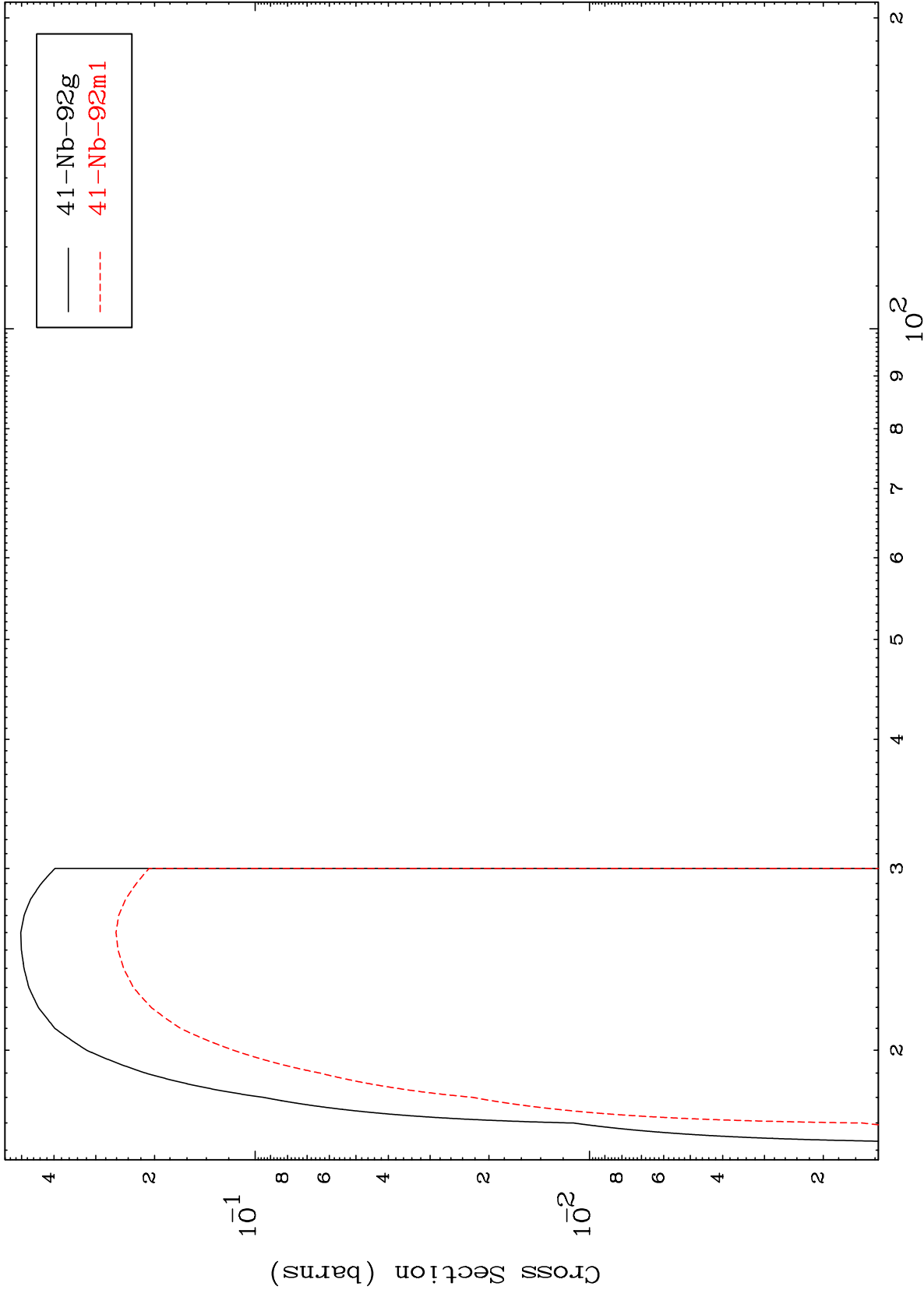


41-Nb-94

Incident Energy (MeV)

115

Radionuclide Production Cross Section

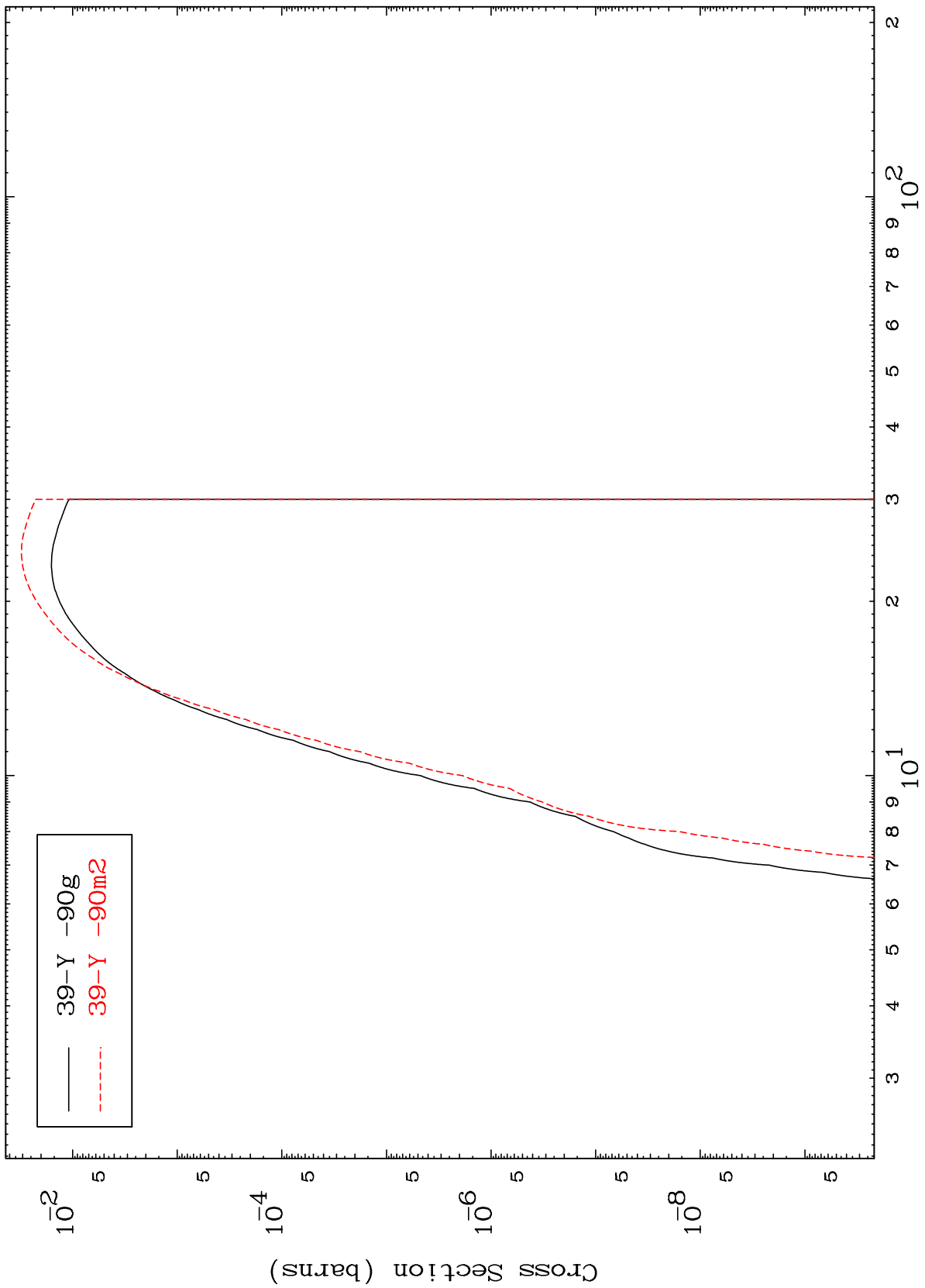


MAT 4128

$(n, n') \alpha$

41-Nb-94

Radionuclide Production Cross Section



117

Incident Energy (MeV)

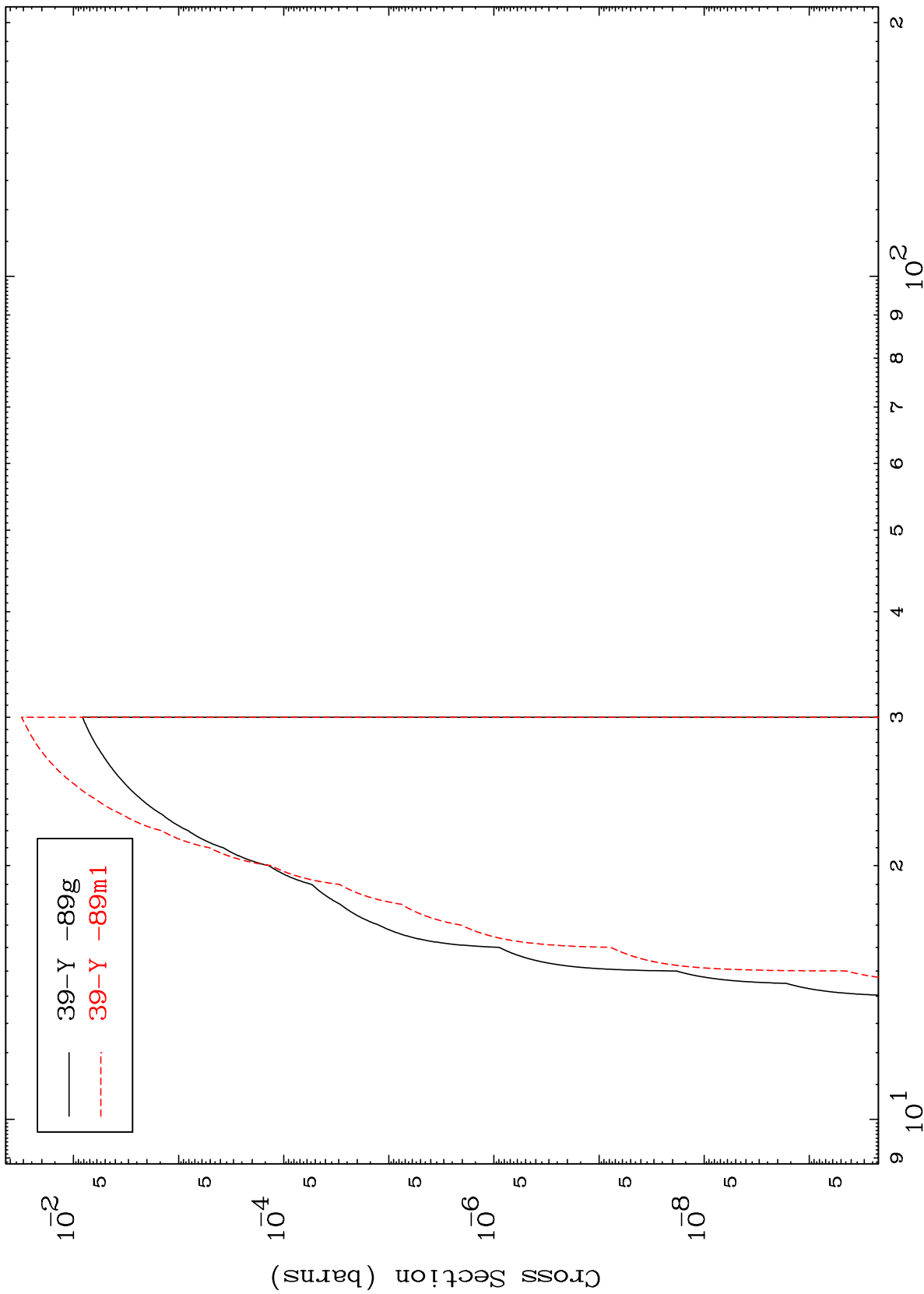
41-Nb-94

MAT 4128

(n,2n) α

41-Nb-94

Radionuclide Production Cross Section



118

Incident Energy (MeV)

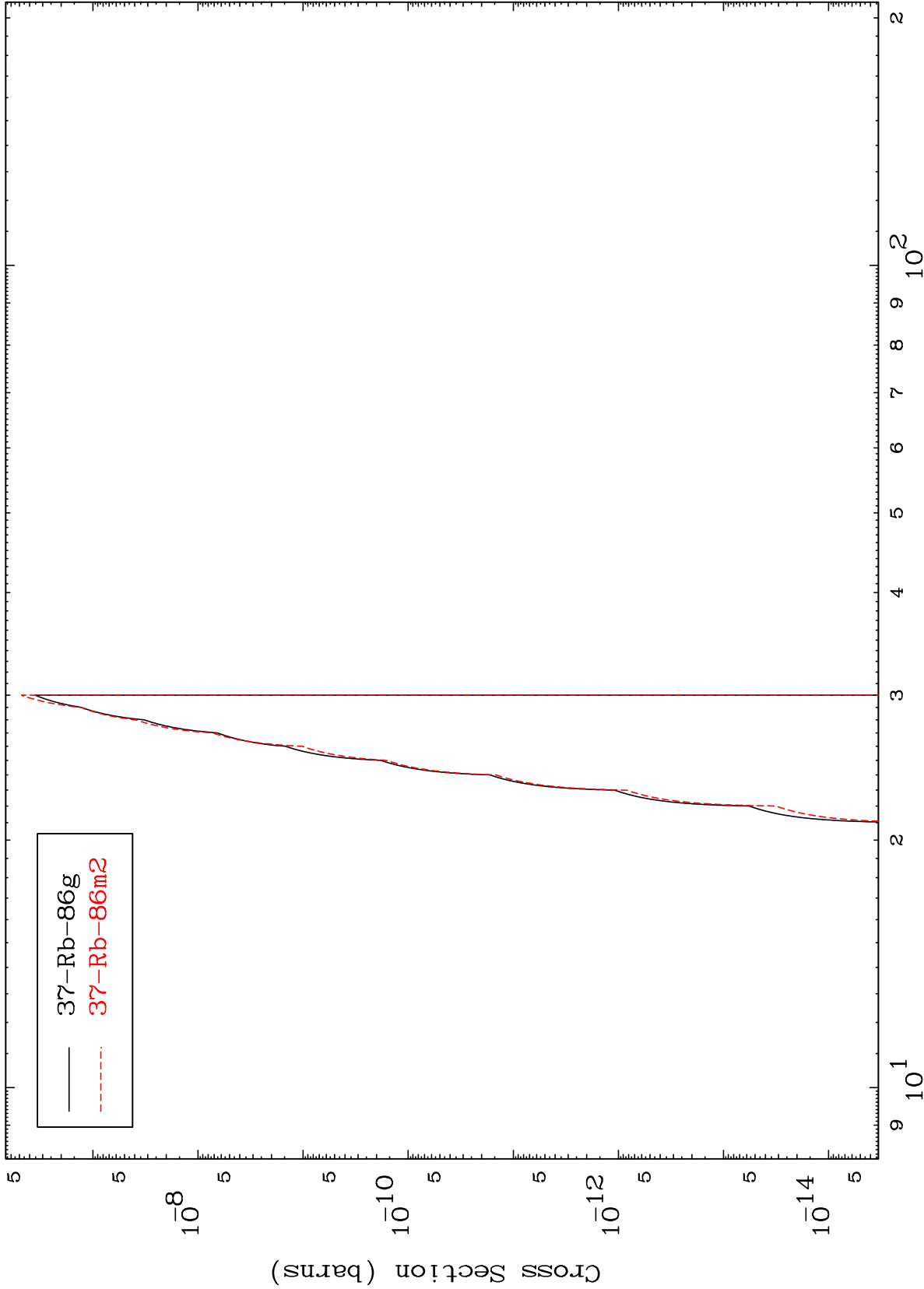
41-Nb-94

MAT 4128

(n,n') 2α

41-Nb-94

Radionuclide Production Cross Section



119

Incident Energy (MeV)

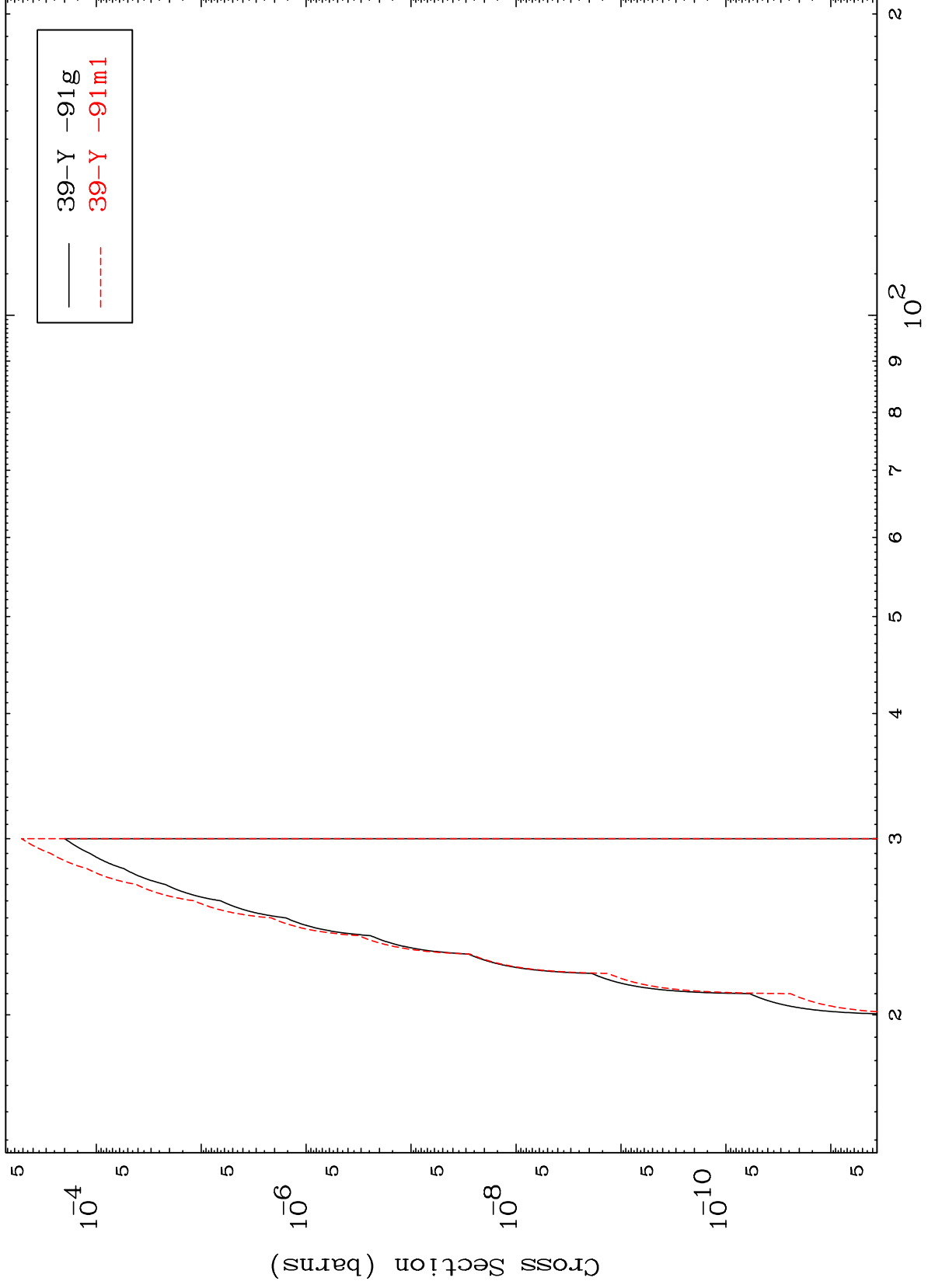
41-Nb-94

MAT 4128

(n,n') He-3

41-Nb-94

Radionuclide Production Cross Section



120

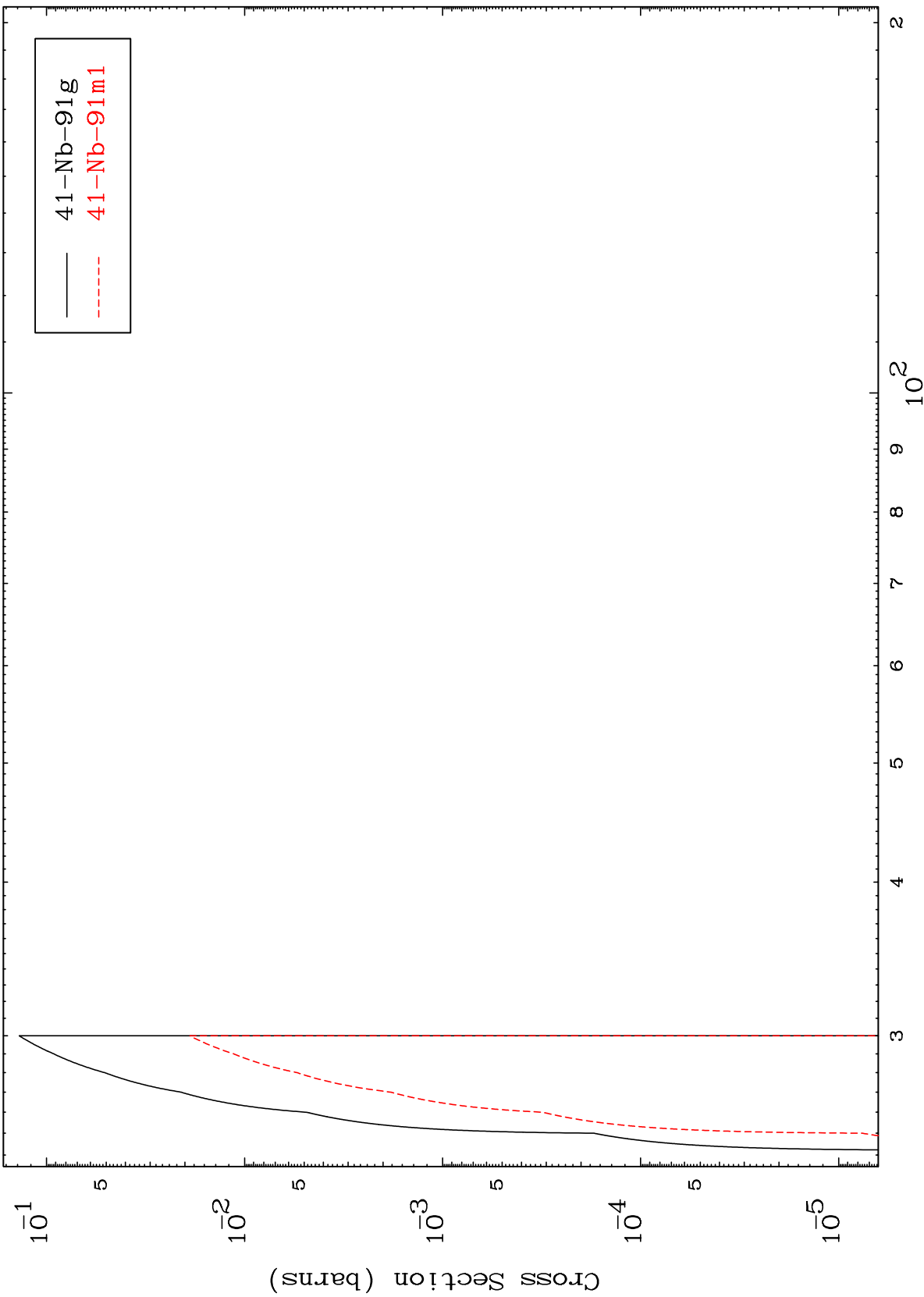
Incident Energy (MeV)

41-Nb-94

MAT 4128

41-Nb-94

(n,4n)
Radionuclide Production Cross Section



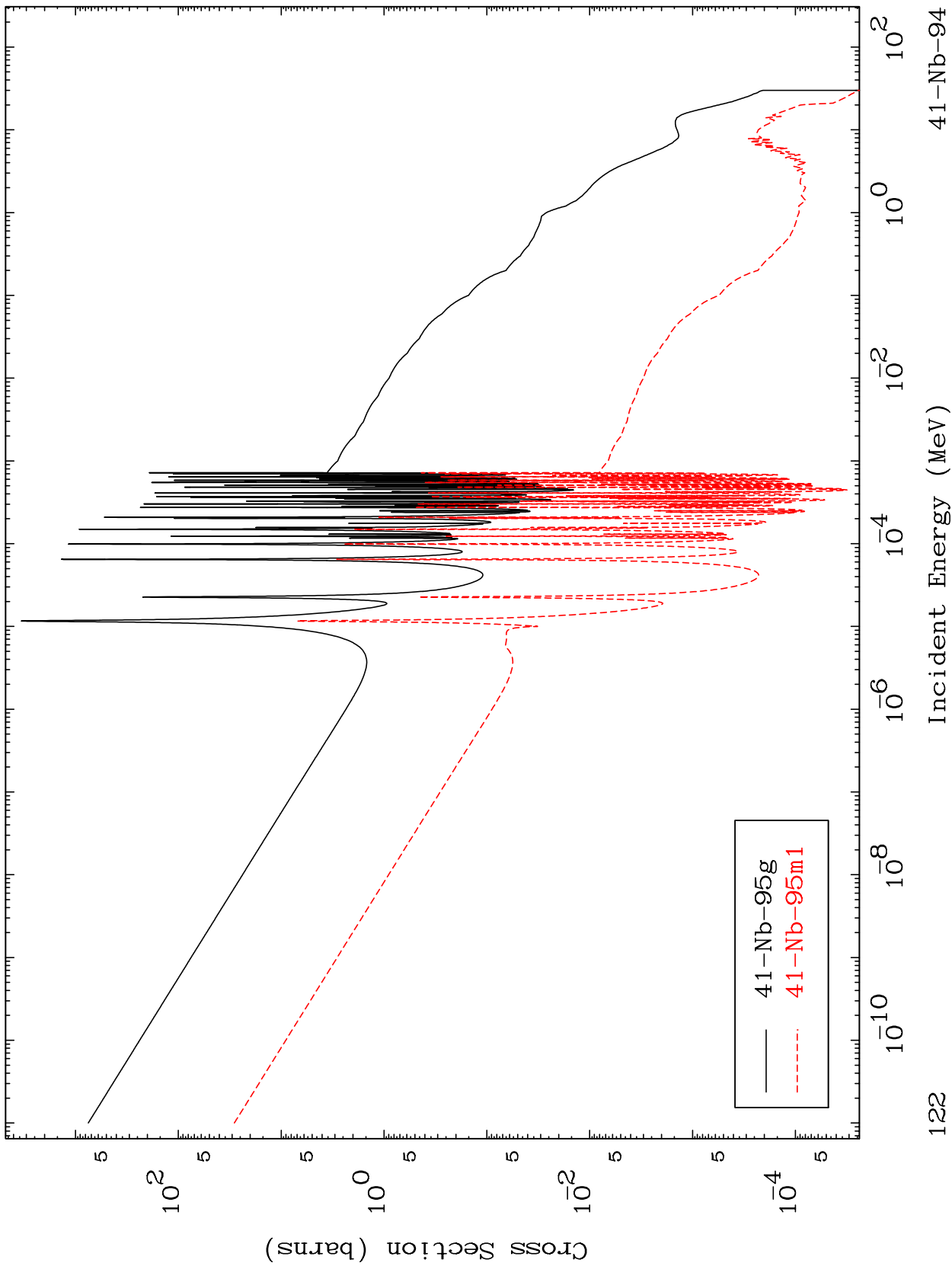
121

41-Nb-94

MAT 4128

41-Nb-94

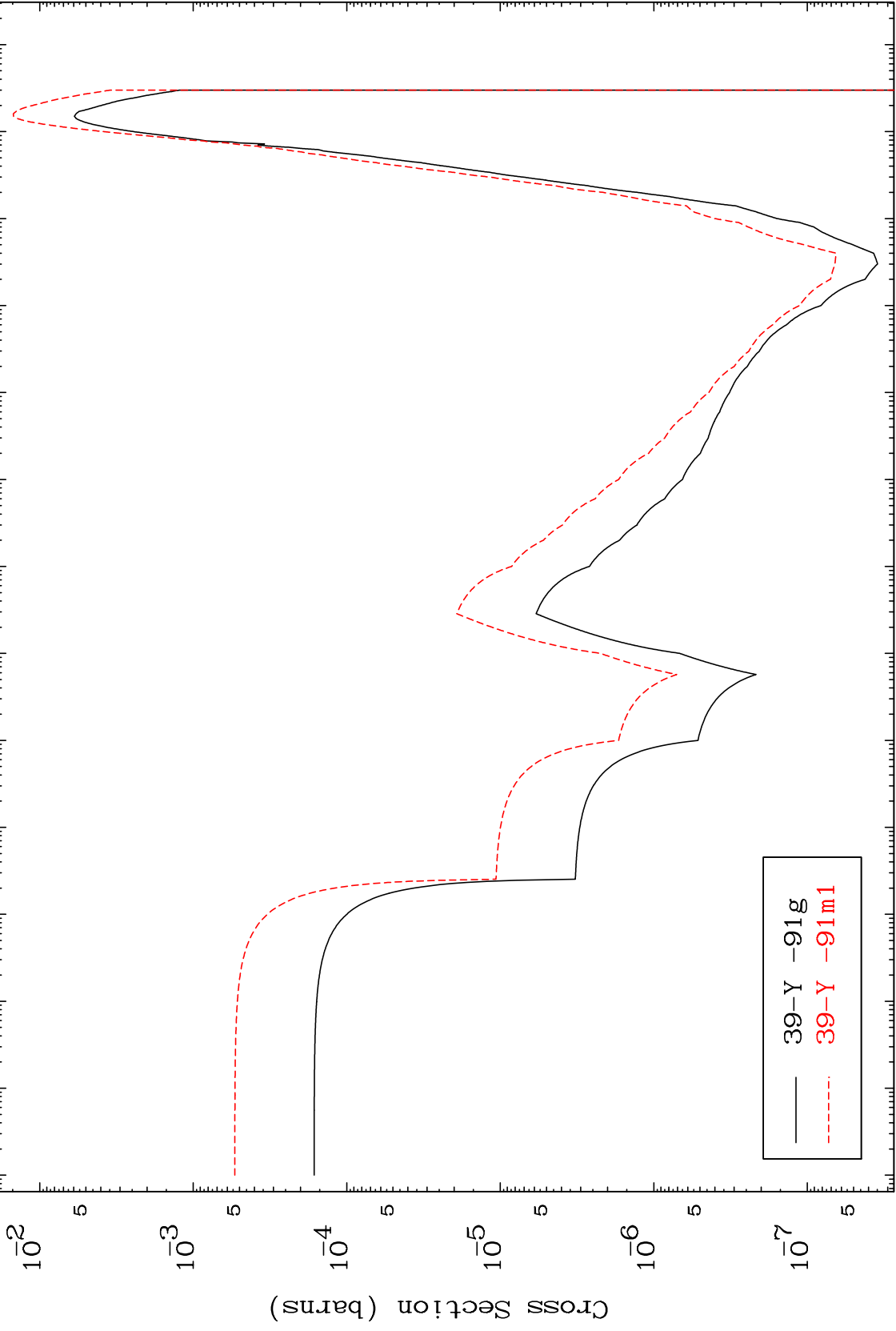
(n, γ)
Radionuclide Production Cross Section



MAT 4128

41-Nb-94

(n, α)
Radionuclide Production Cross Section



41-Nb-94

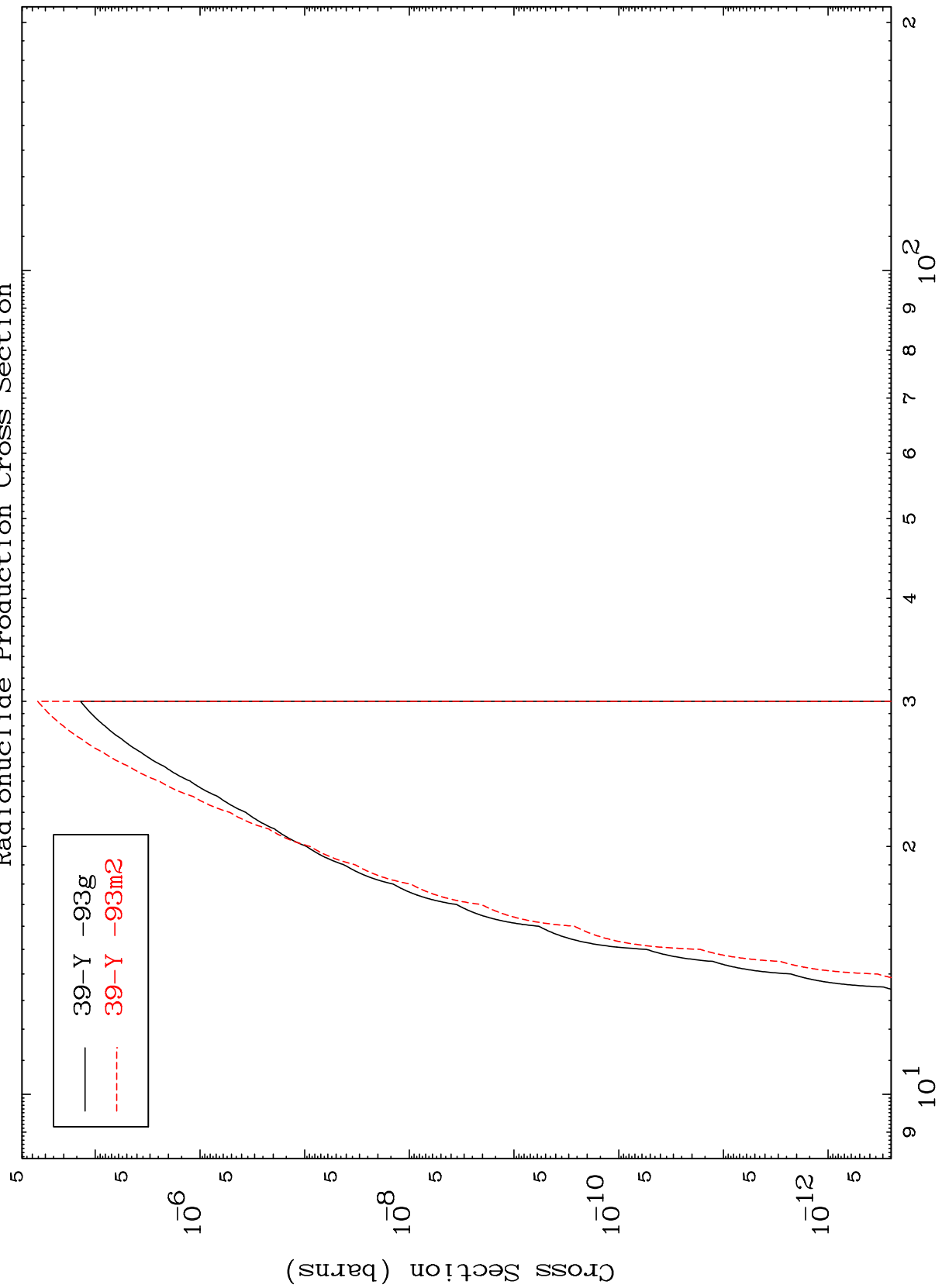
Incident Energy (MeV)

123

MAT 4128

41-Nb-94

(n,2p)
Radionuclide Production Cross Section



39-Y -93g
39-Y -93m2

41-Nb-94

Incident Energy (MeV)

124

Radionuclide Production Cross Section

