

Program EVALPLOT
(Version 2017-1)

by

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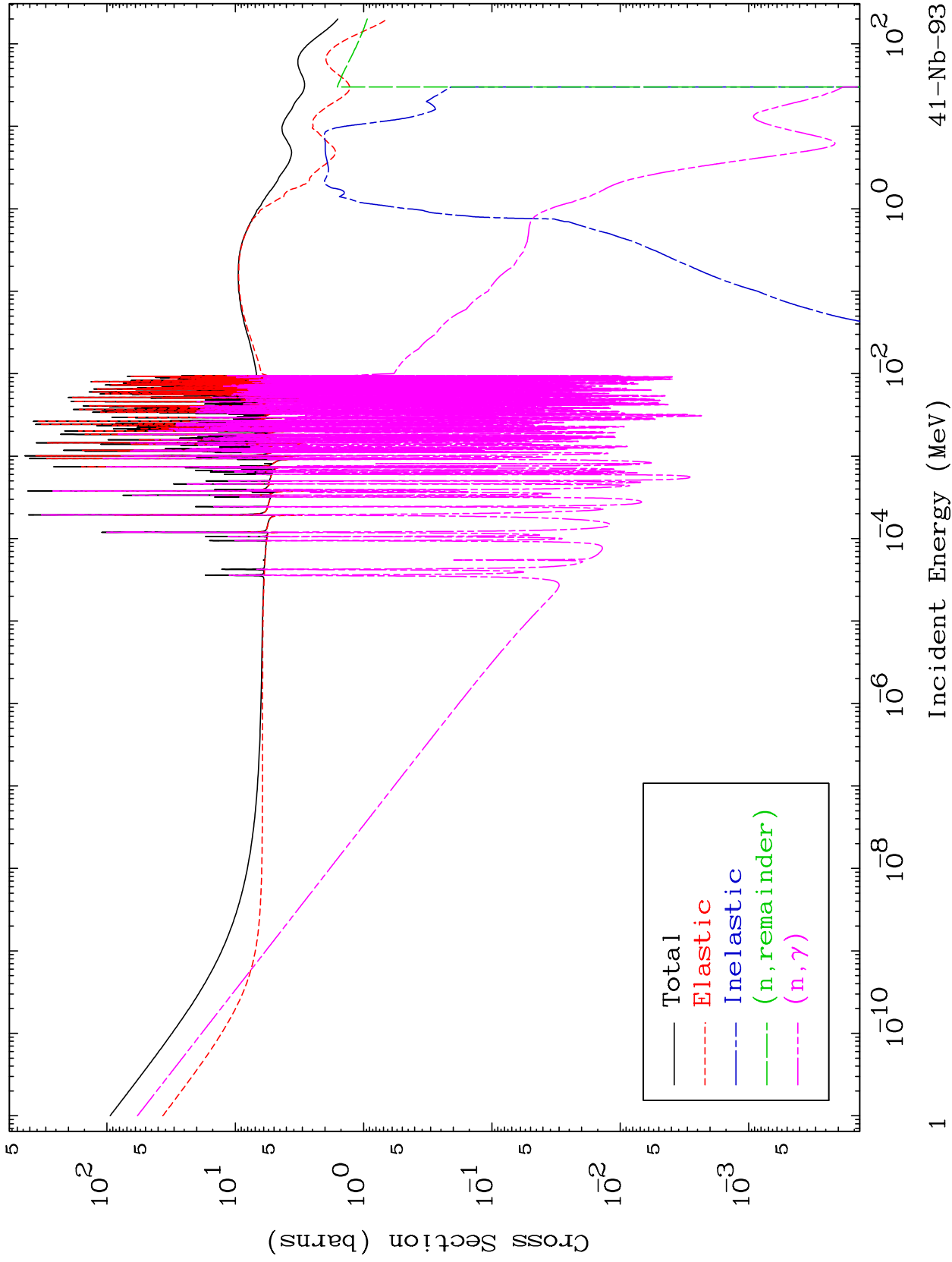
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Press Mouse Button to Start

MAT 4125

Major
293 Kelvin Cross Sections

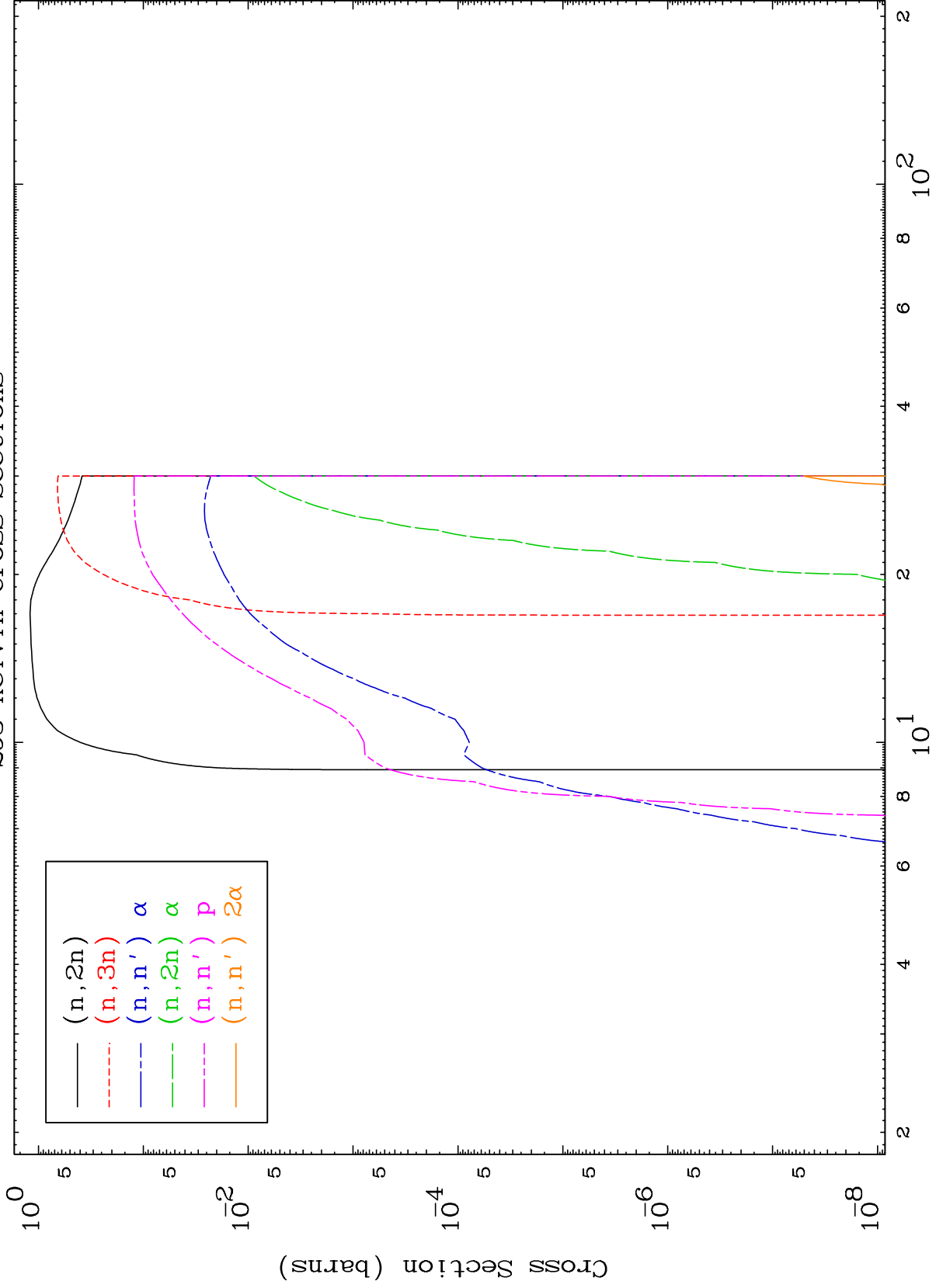
41-Nb-93



MAT 4125

Neutron Production
293 Kelvin Cross Sections

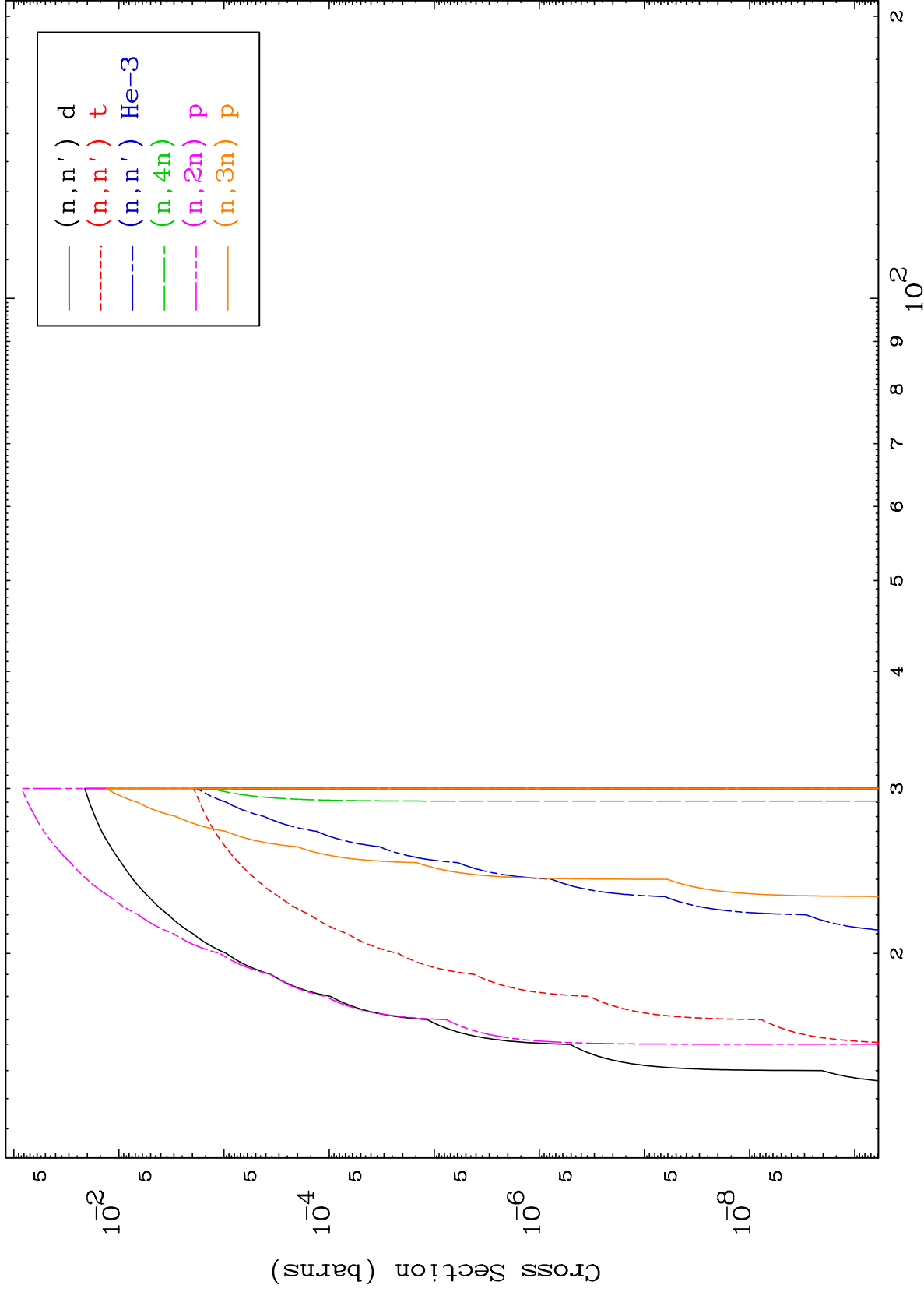
41-Nb-93



2

Incident Energy (MeV)

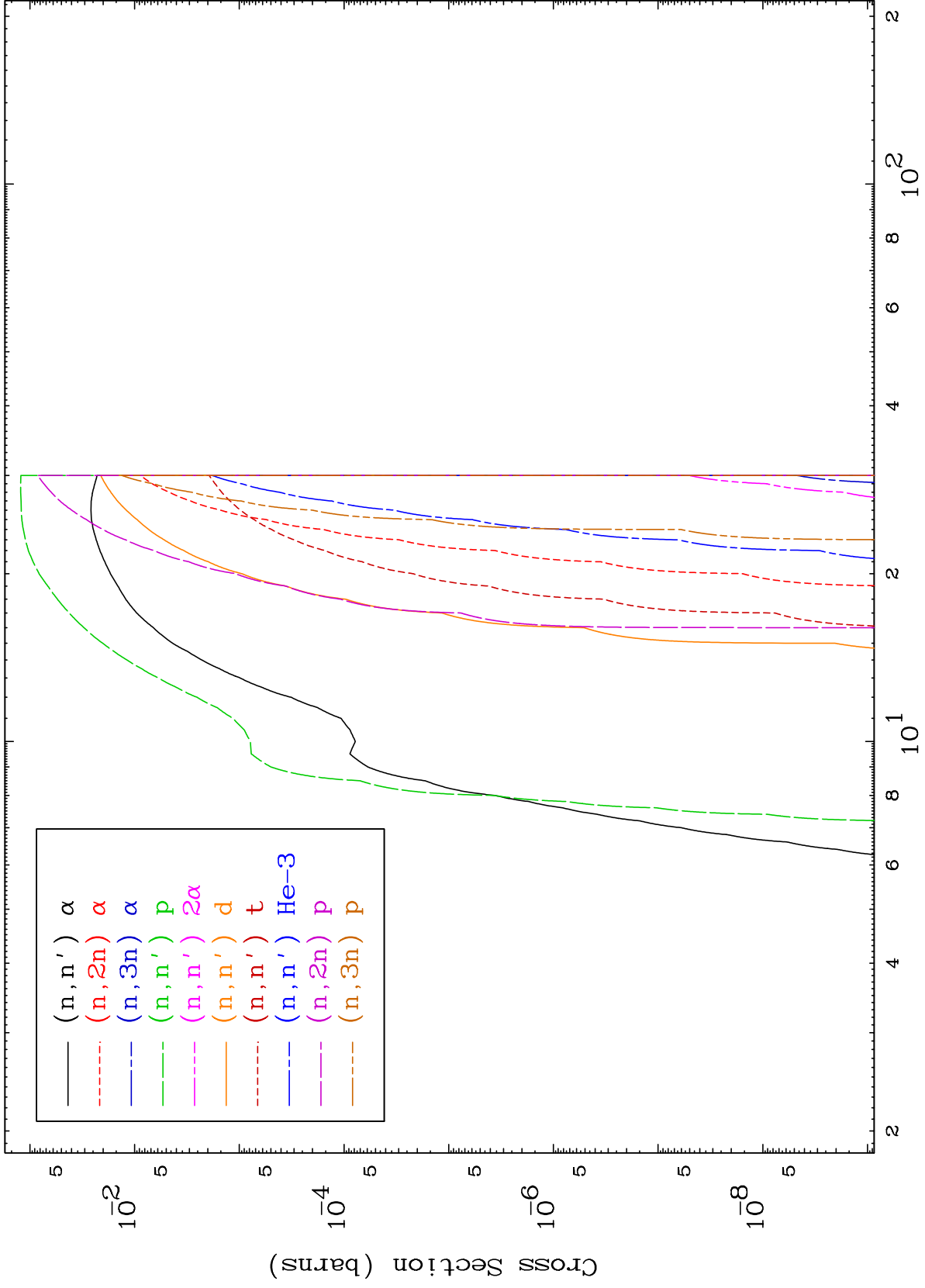
41-Nb-93



MAT 4125

Charged Particle
293 Kelvin Cross Sections

41-Nb-93



4

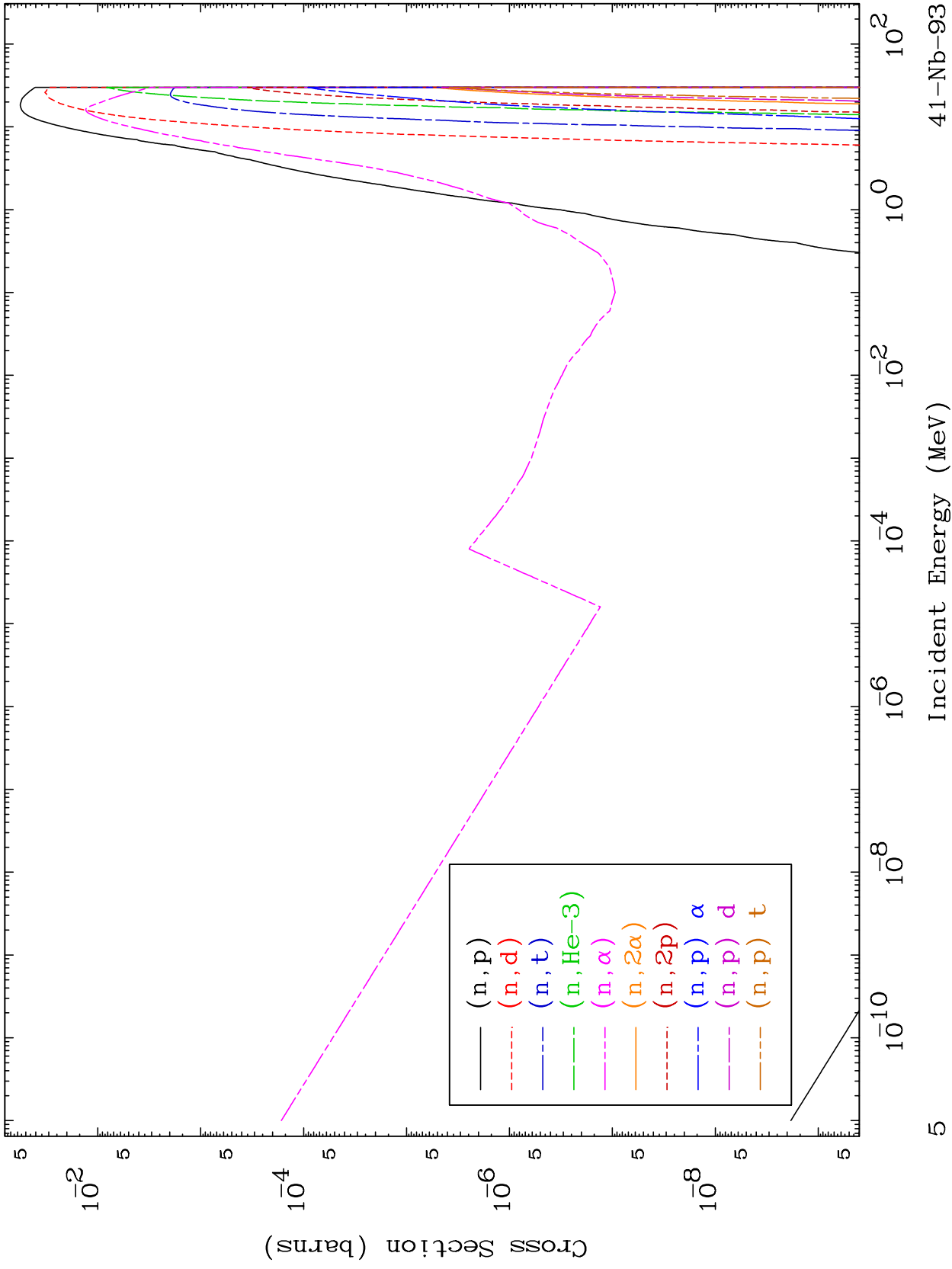
Incident Energy (MeV)

41-Nb-93

MAT 4125

Charged Particle
293 Kelvin Cross Sections

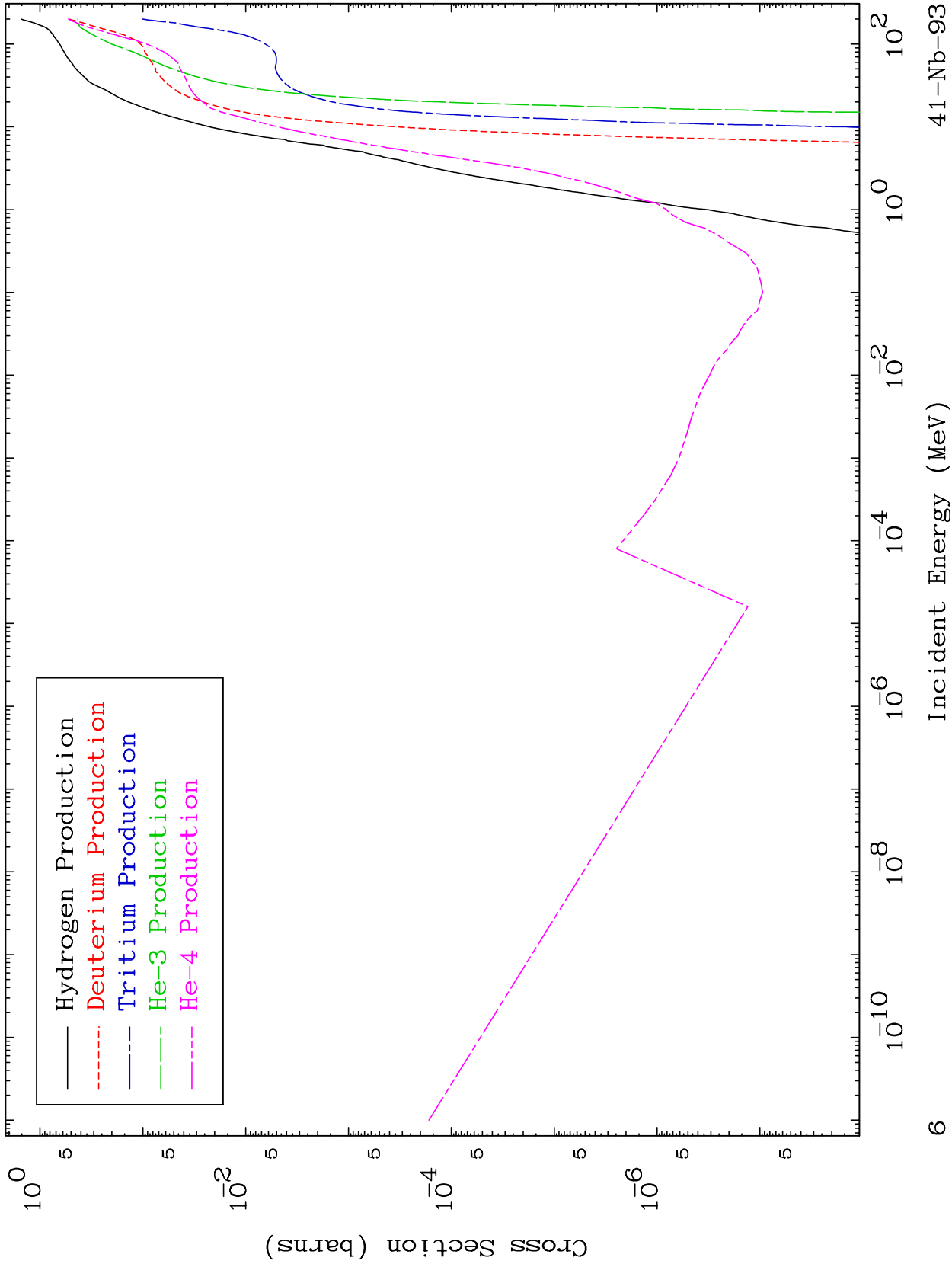
41-Nb-93



MAT 4125

Particle Production
293 Kelvin Cross Sections

41-Nb-93

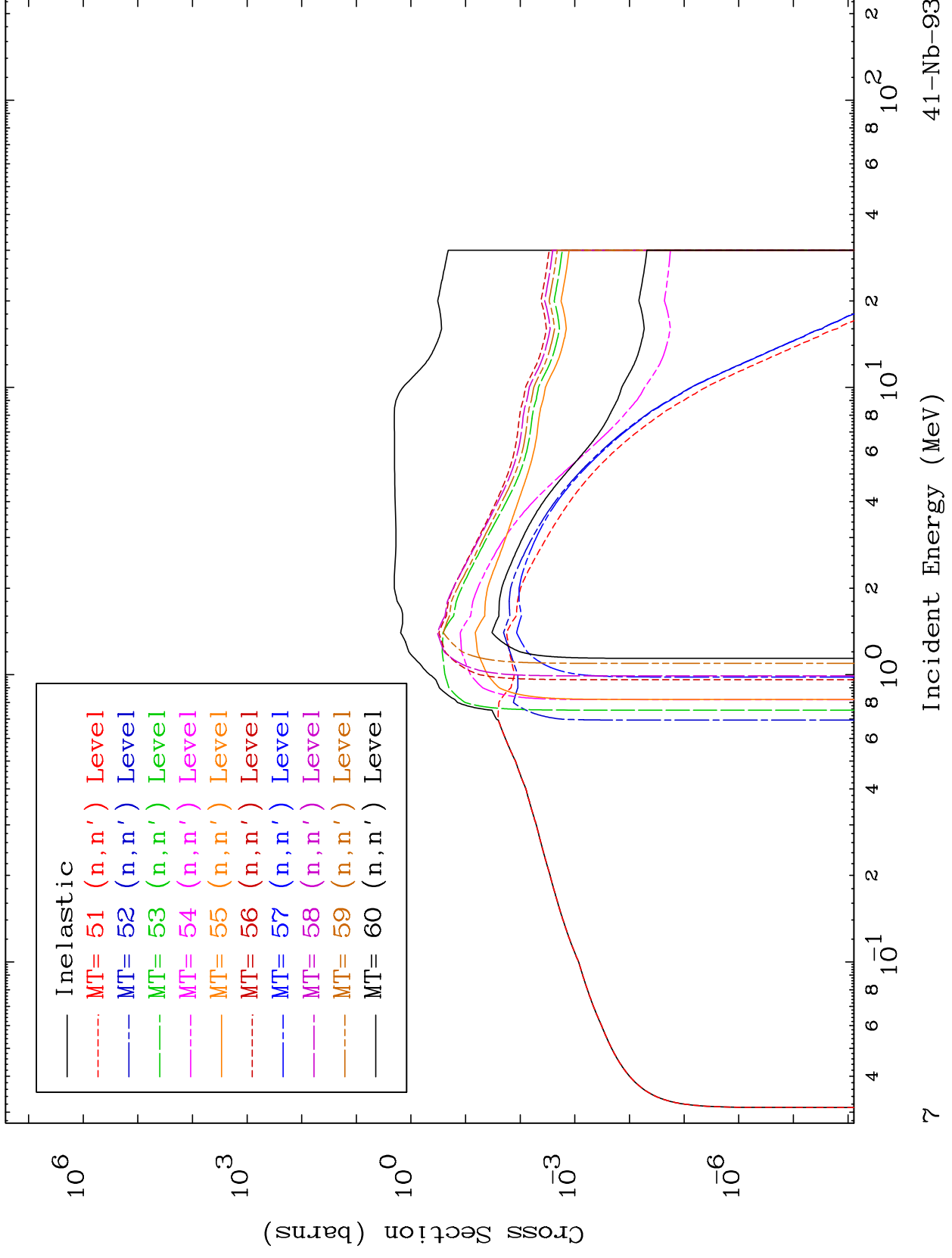


MAT 4125

(n,n') Level

41-Nb-93

293 Kelvin Cross Sections

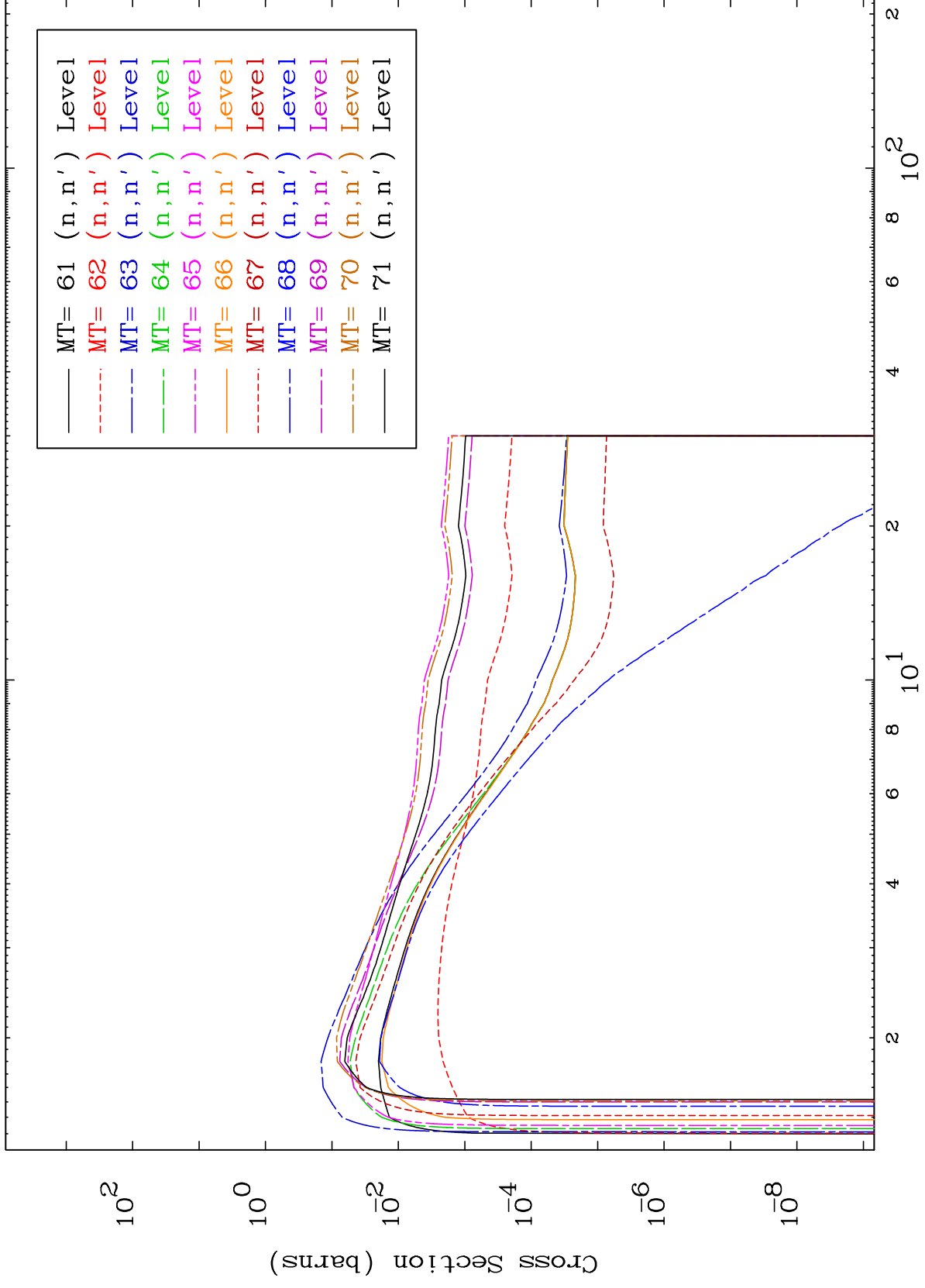


MAT 4125

(n,n') Level

41-Nb-93

293 Kelvin Cross Sections



8

Incident Energy (MeV)

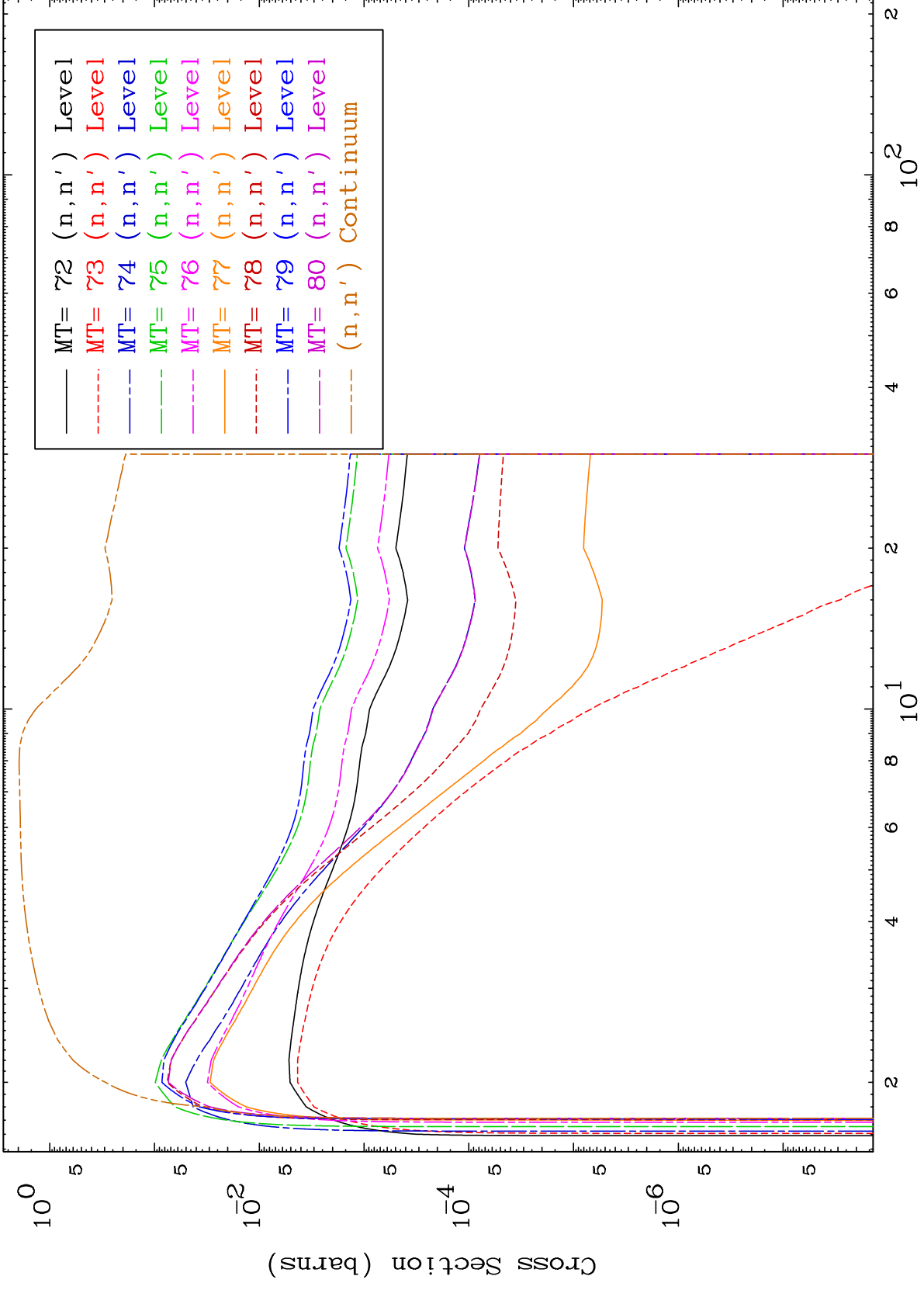
41-Nb-93

MAT 4125

(n,n') Level

41-Nb-93

293 Kelvin Cross Sections



9

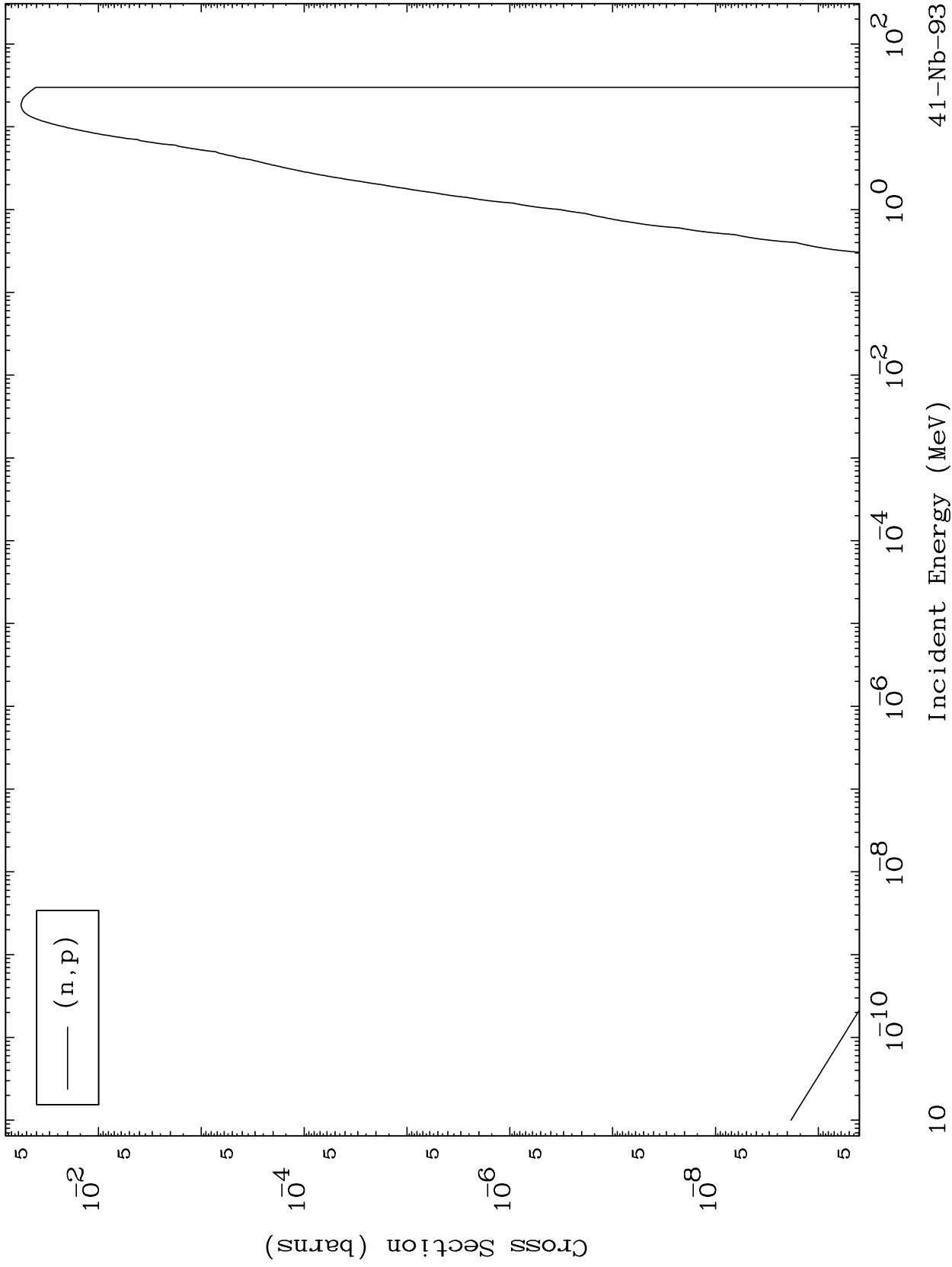
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-93



10

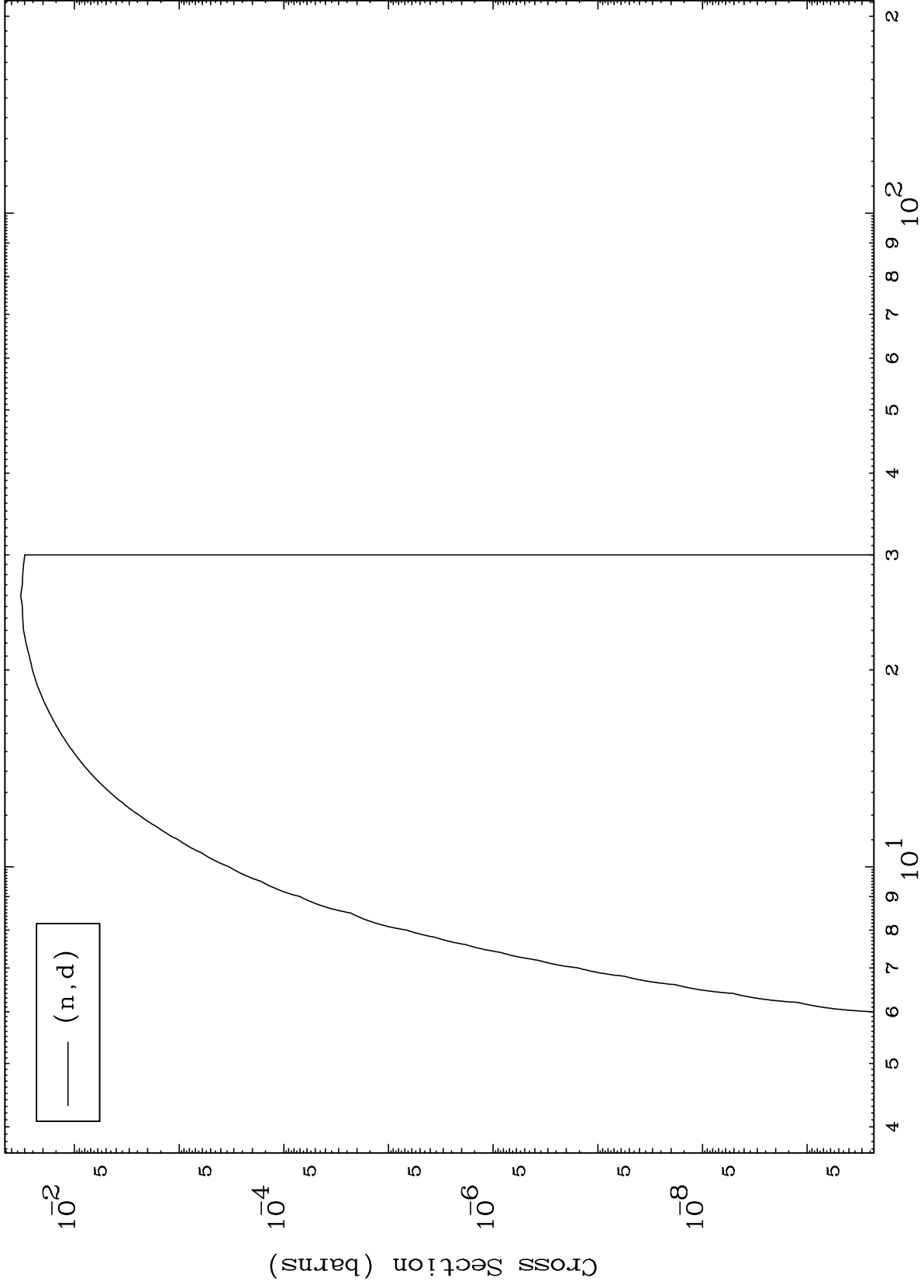
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,d) Levels
293 Kelvin Cross Sections

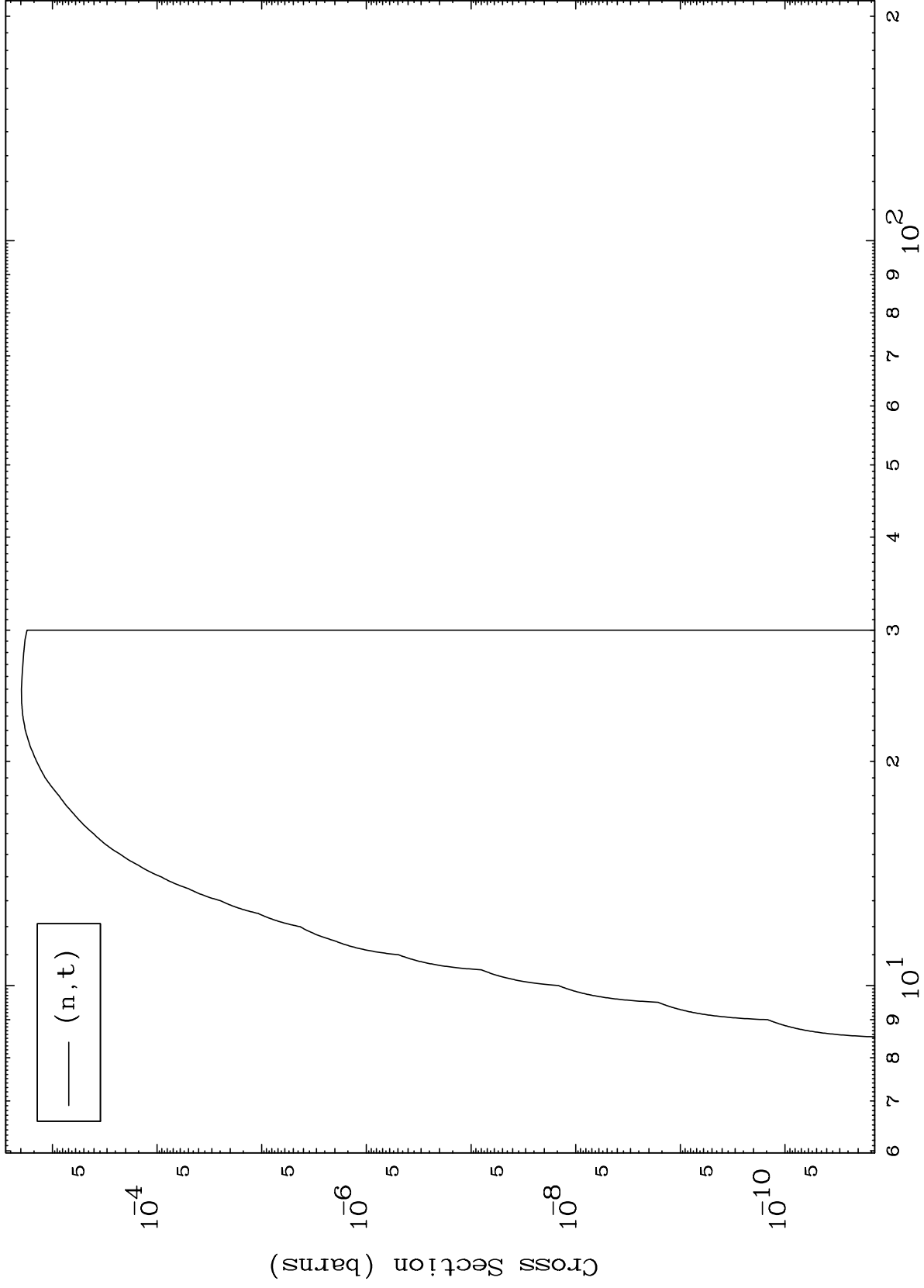
41-Nb-93



MAT 4125

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-93



12

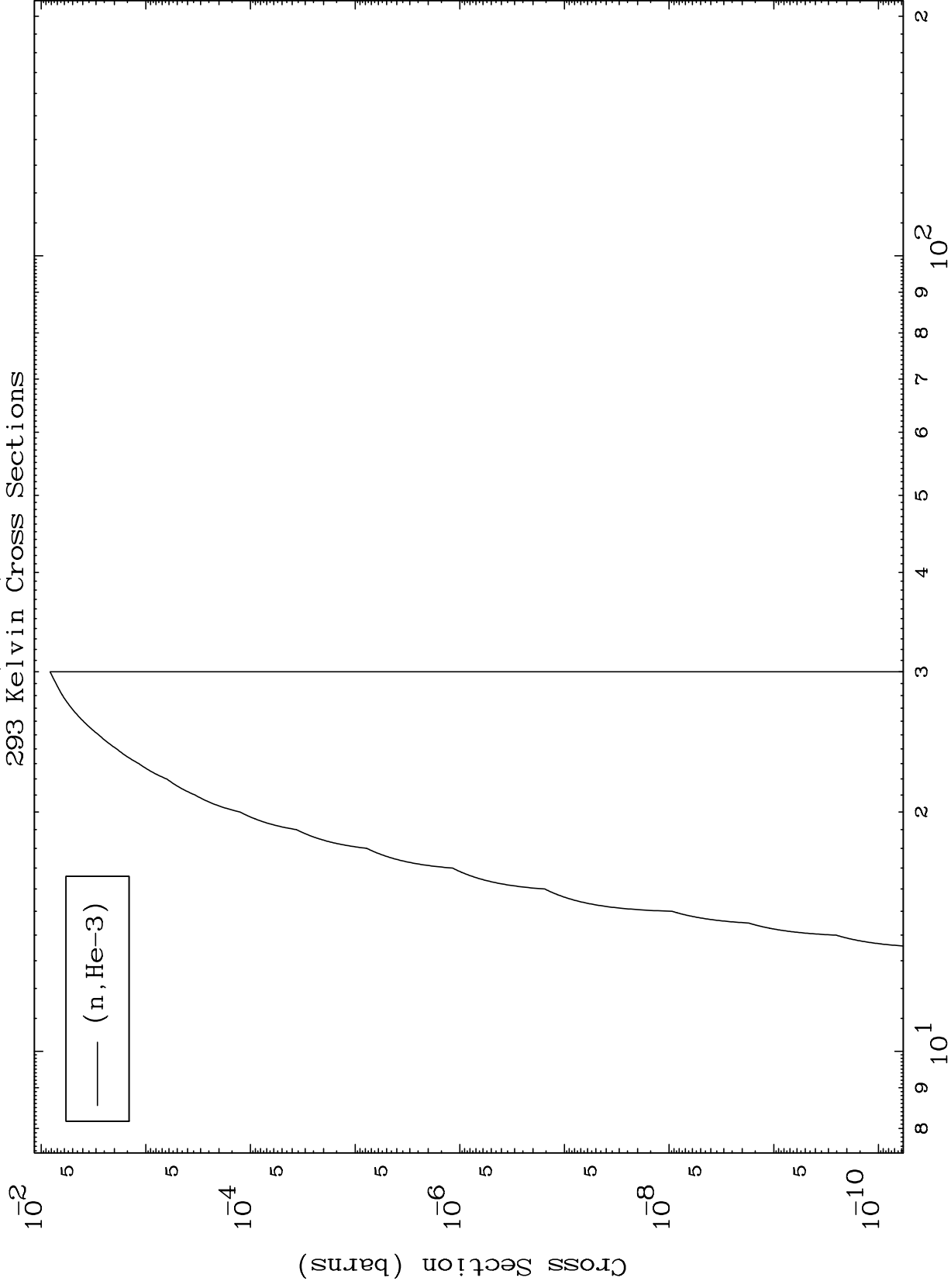
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-93



13

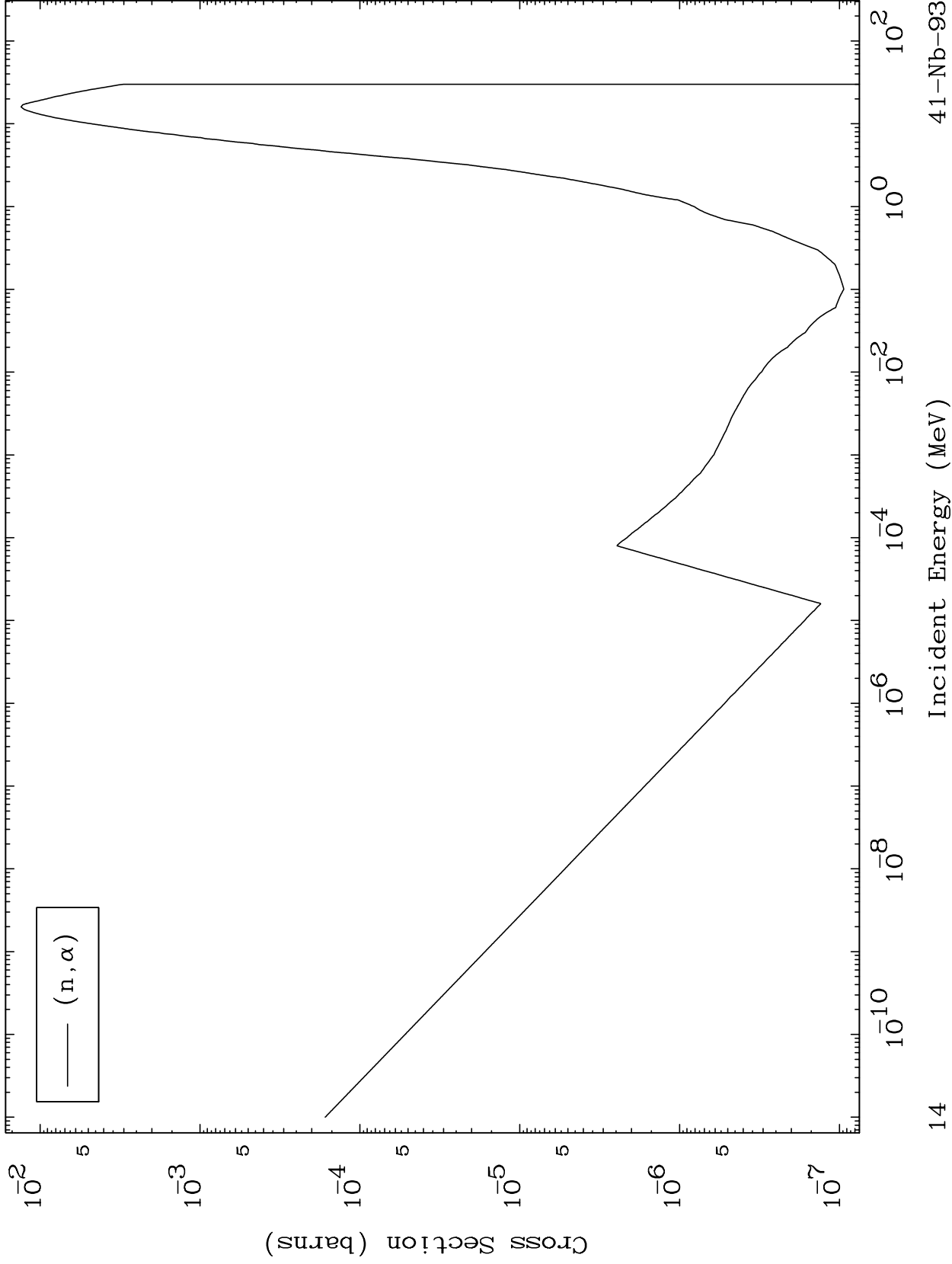
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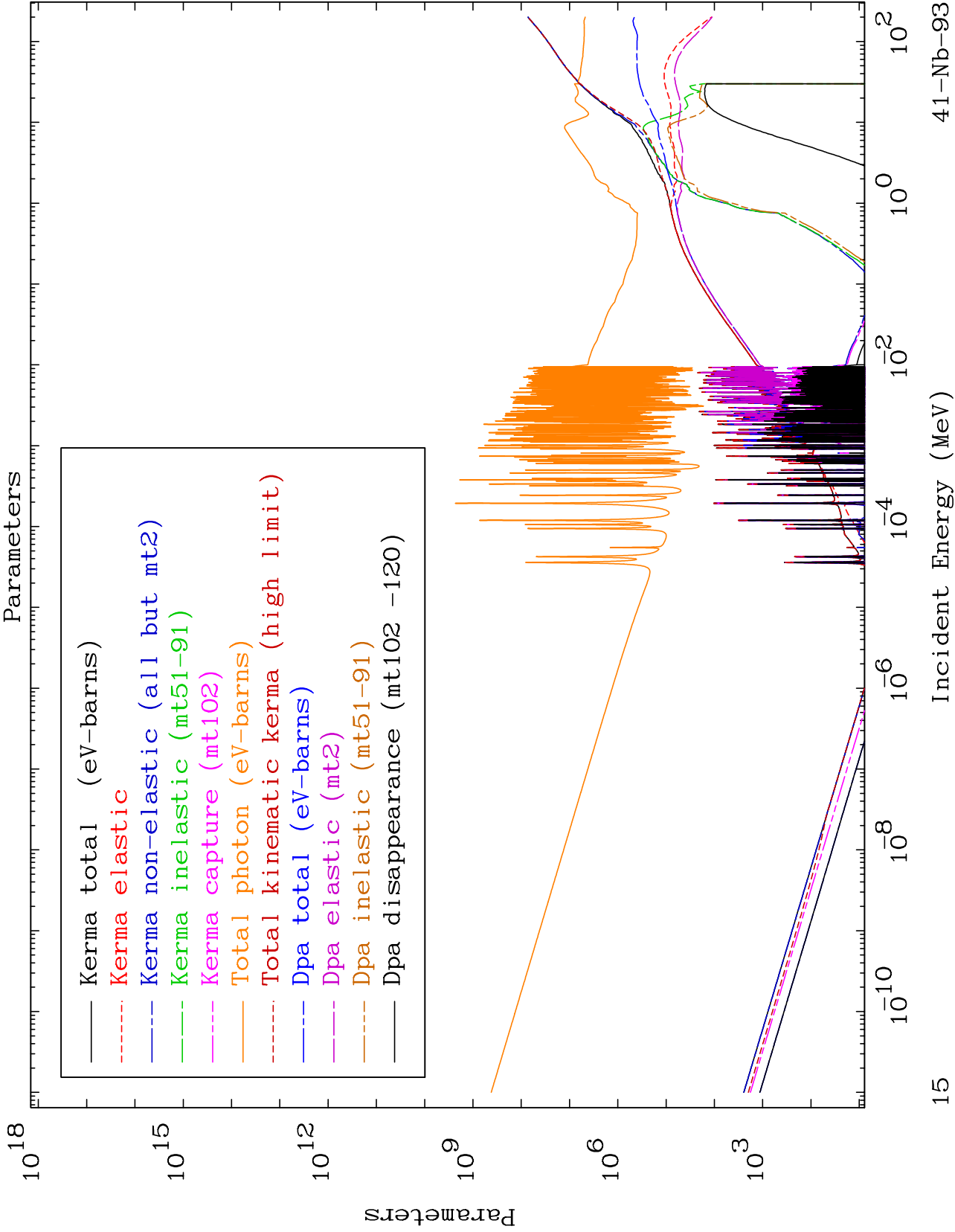
41-Nb-93

MAT 4125

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-93

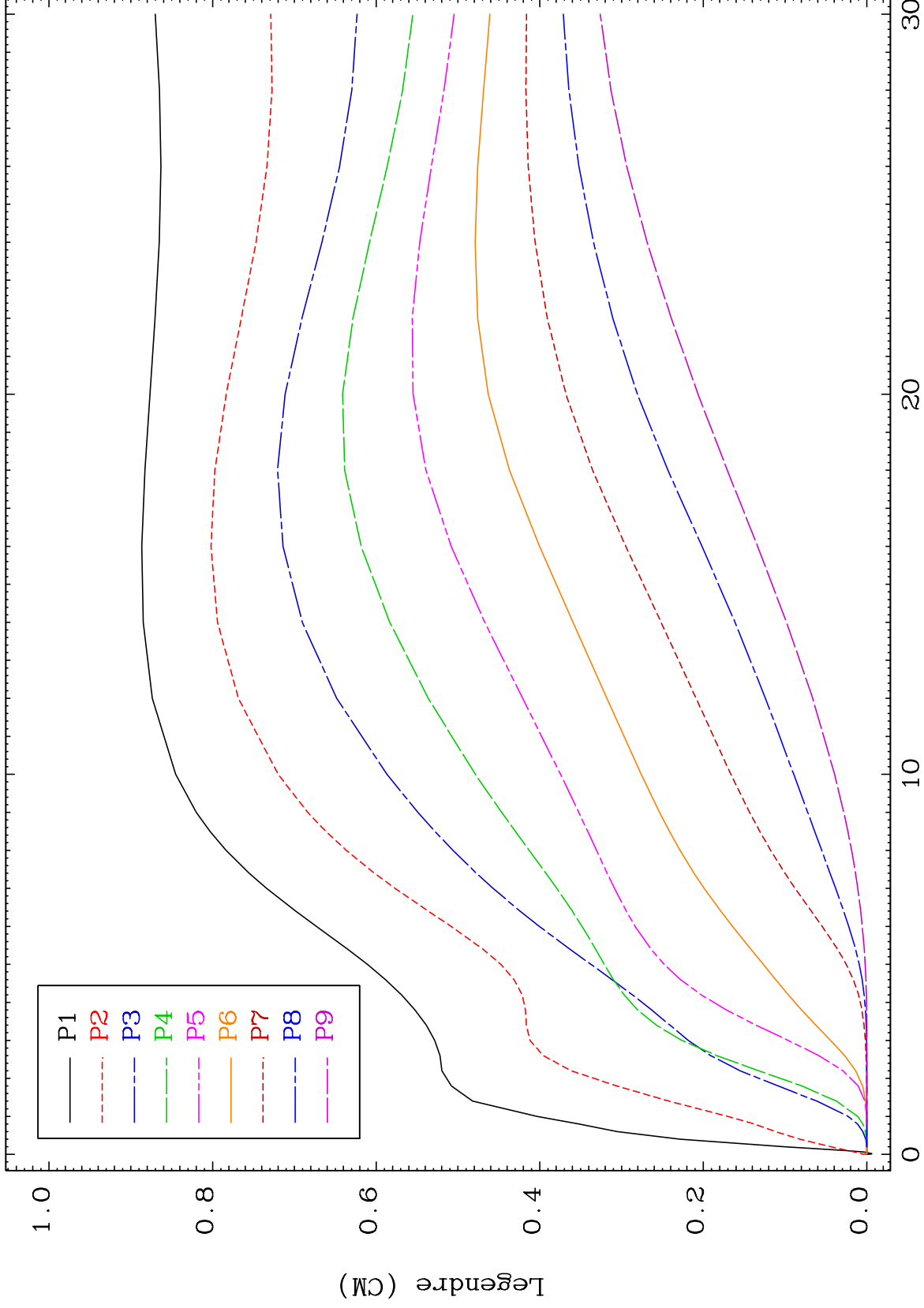




MAT 4125

Elastic Legendre Coefficients

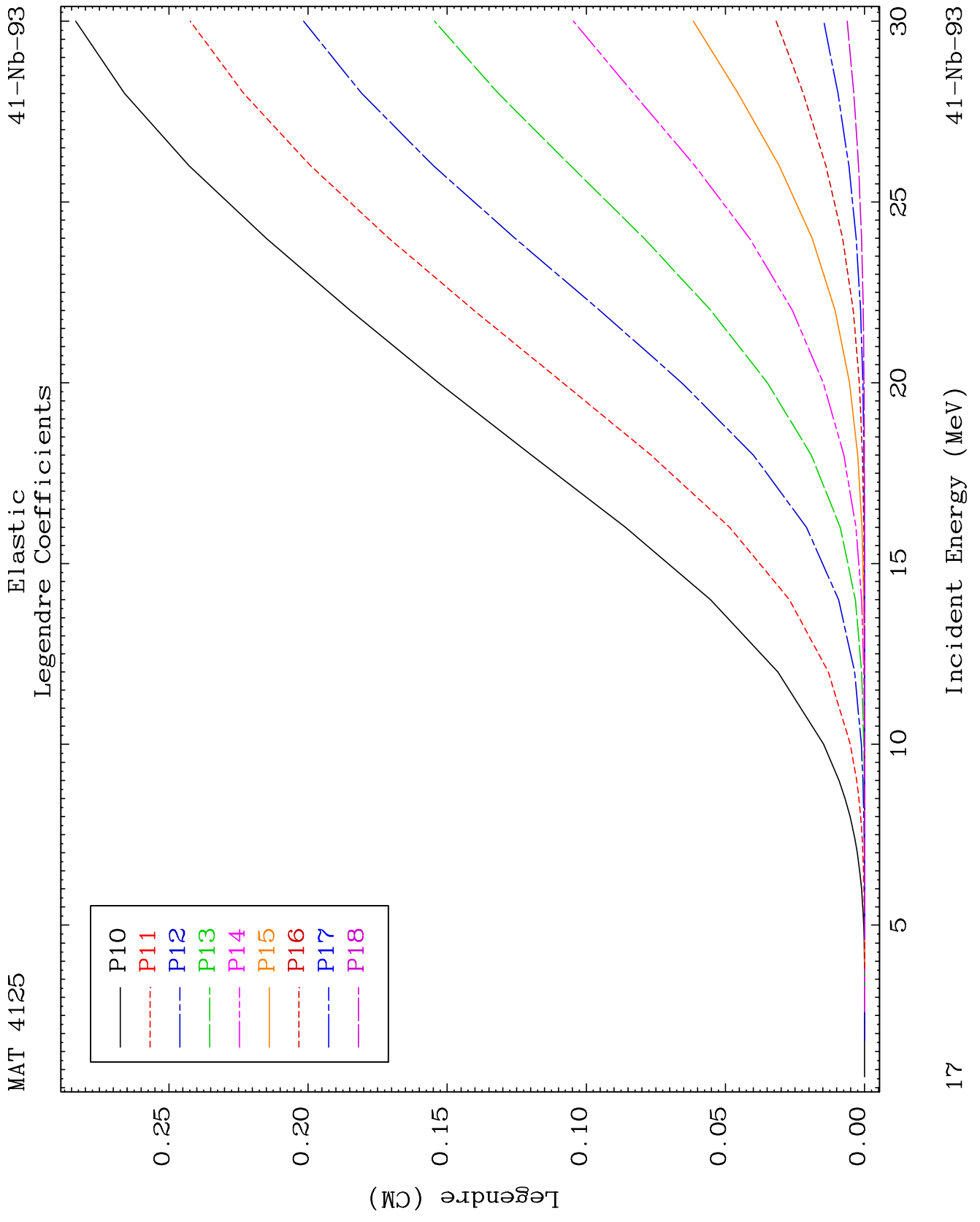
41-Nb-93



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Incident Energy (MeV)

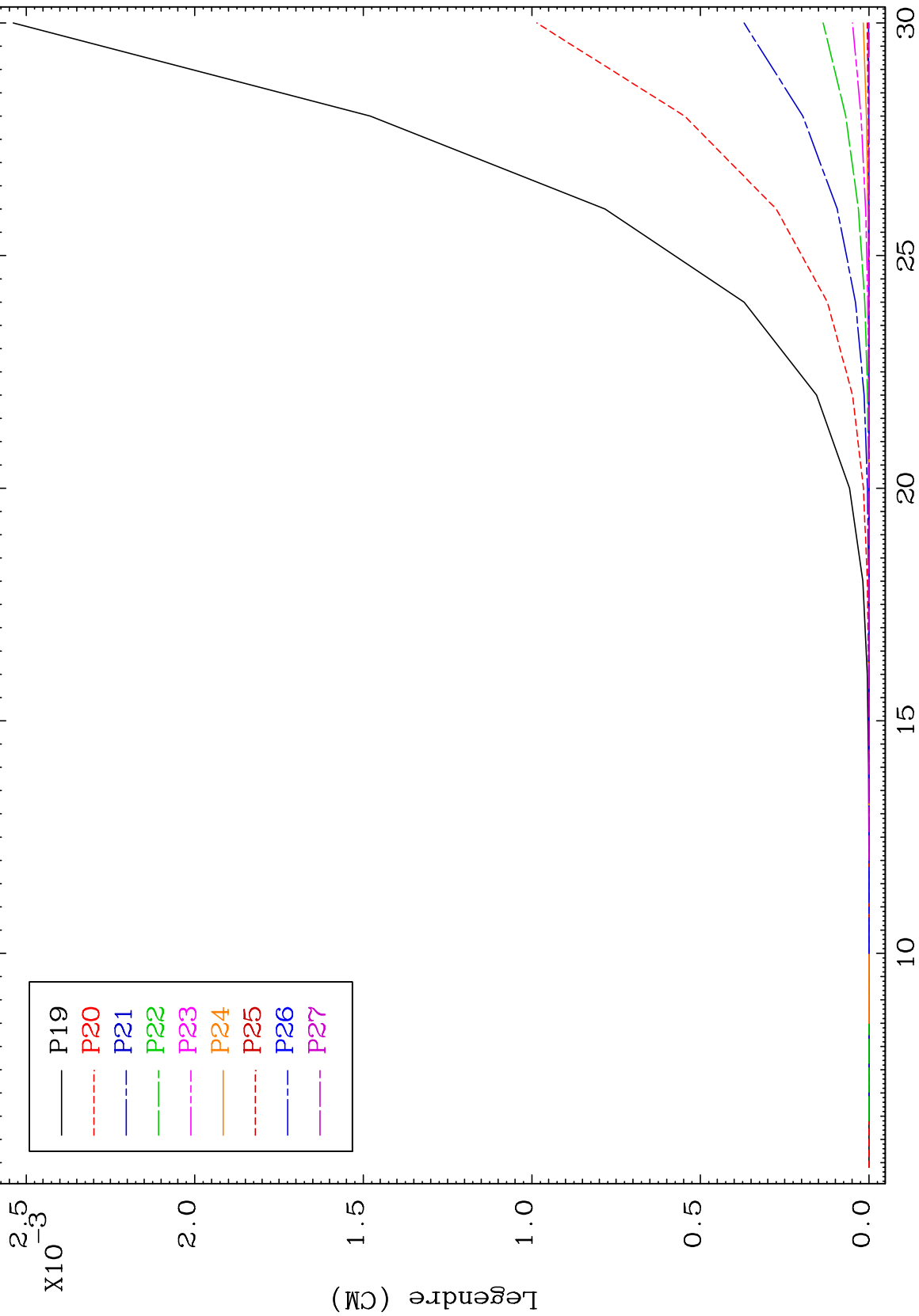
41-Nb-93



MAT 4125

Elastic Legendre Coefficients

41-Nb-93



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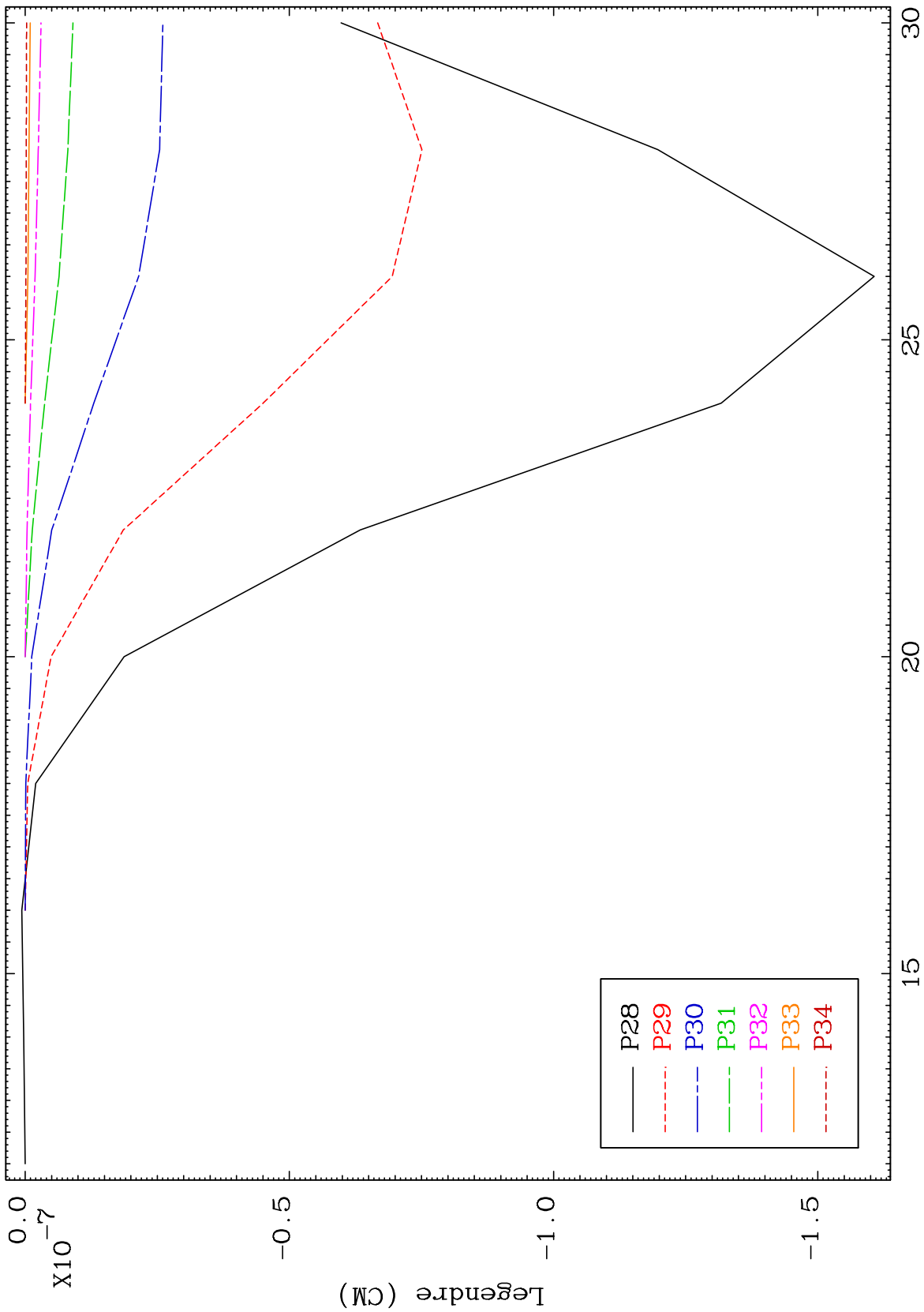
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

Elastic Legendre Coefficients



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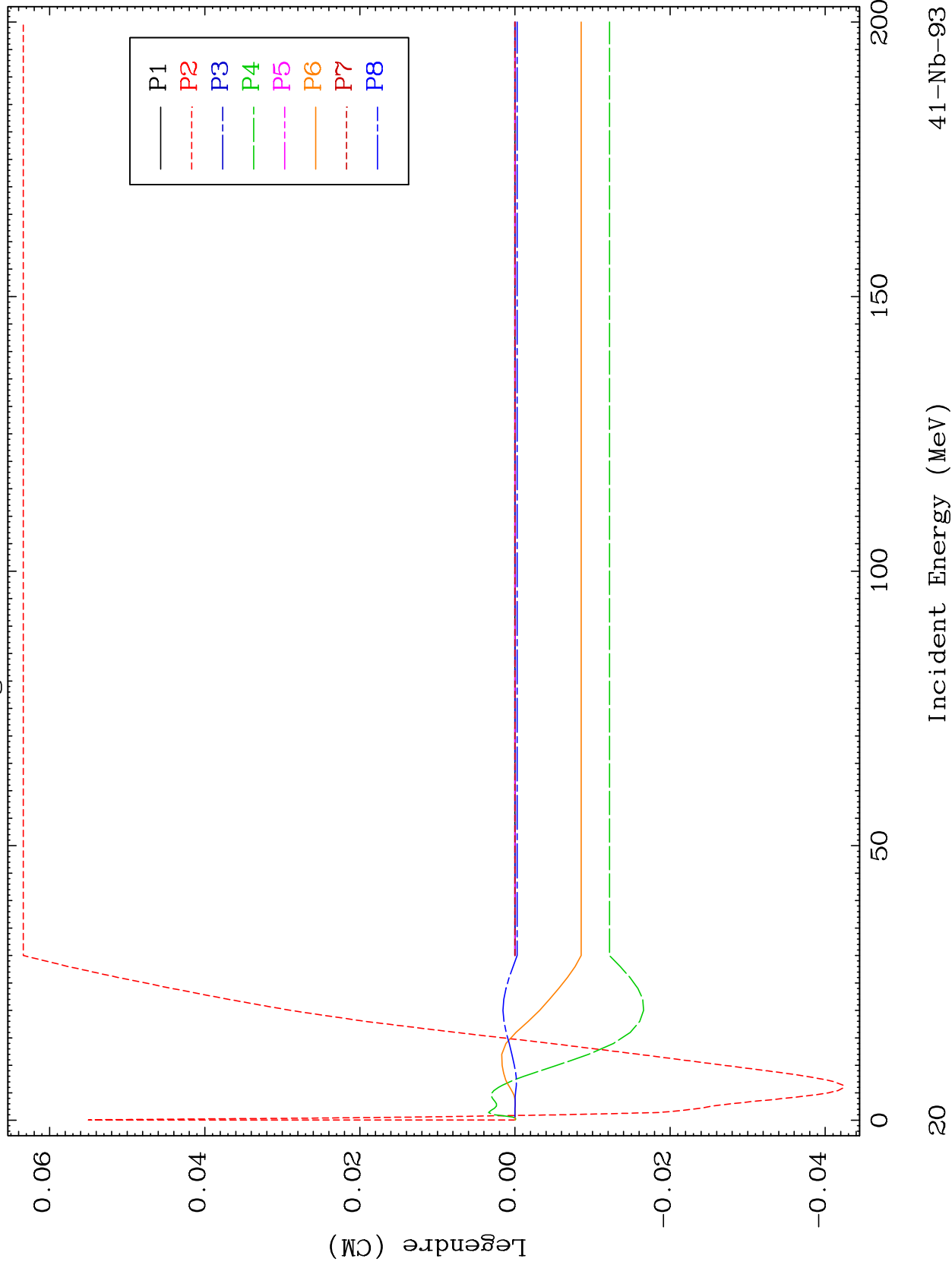
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

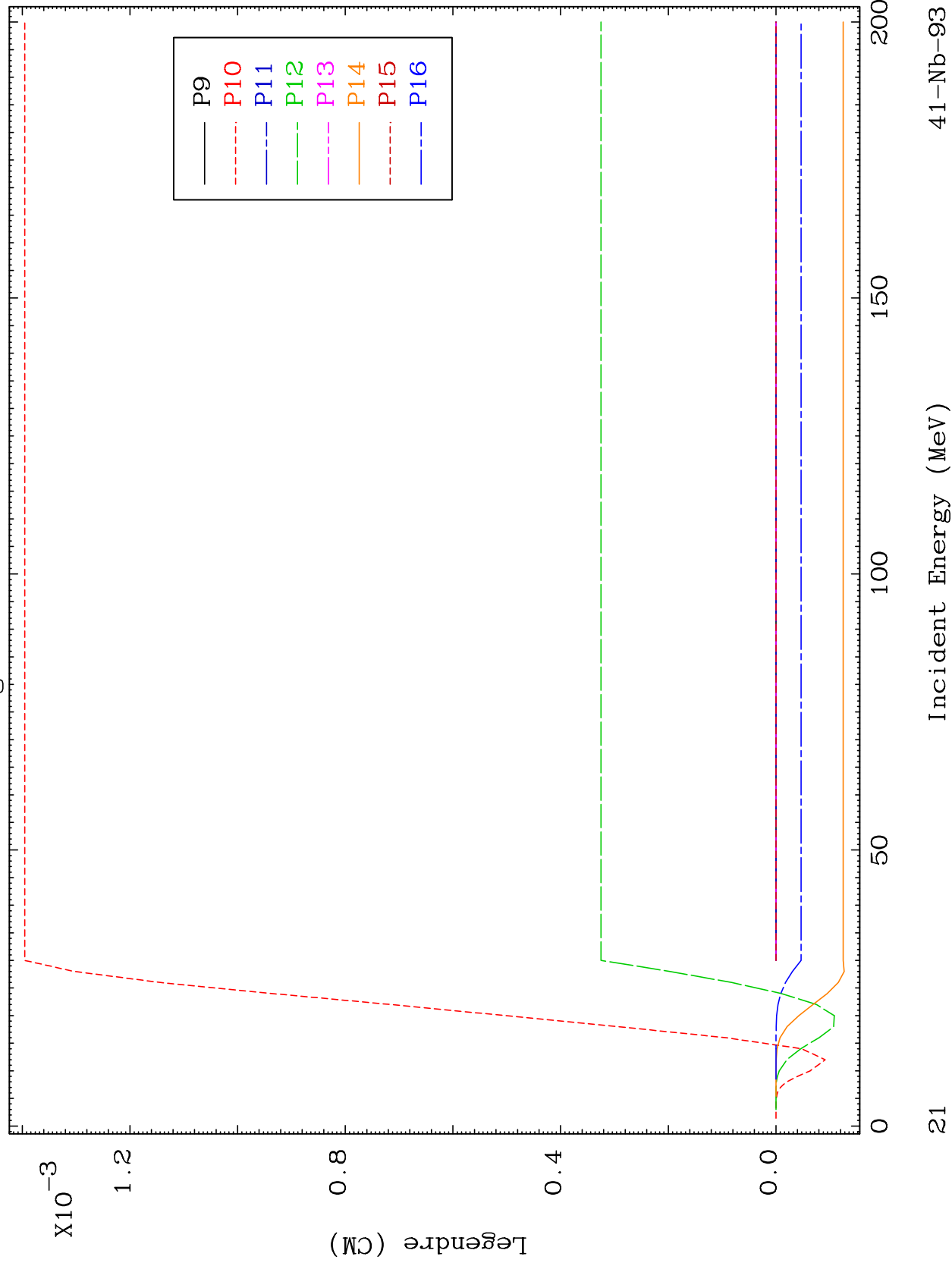


41-Nb-93

MAT 4125

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

41-Nb-93

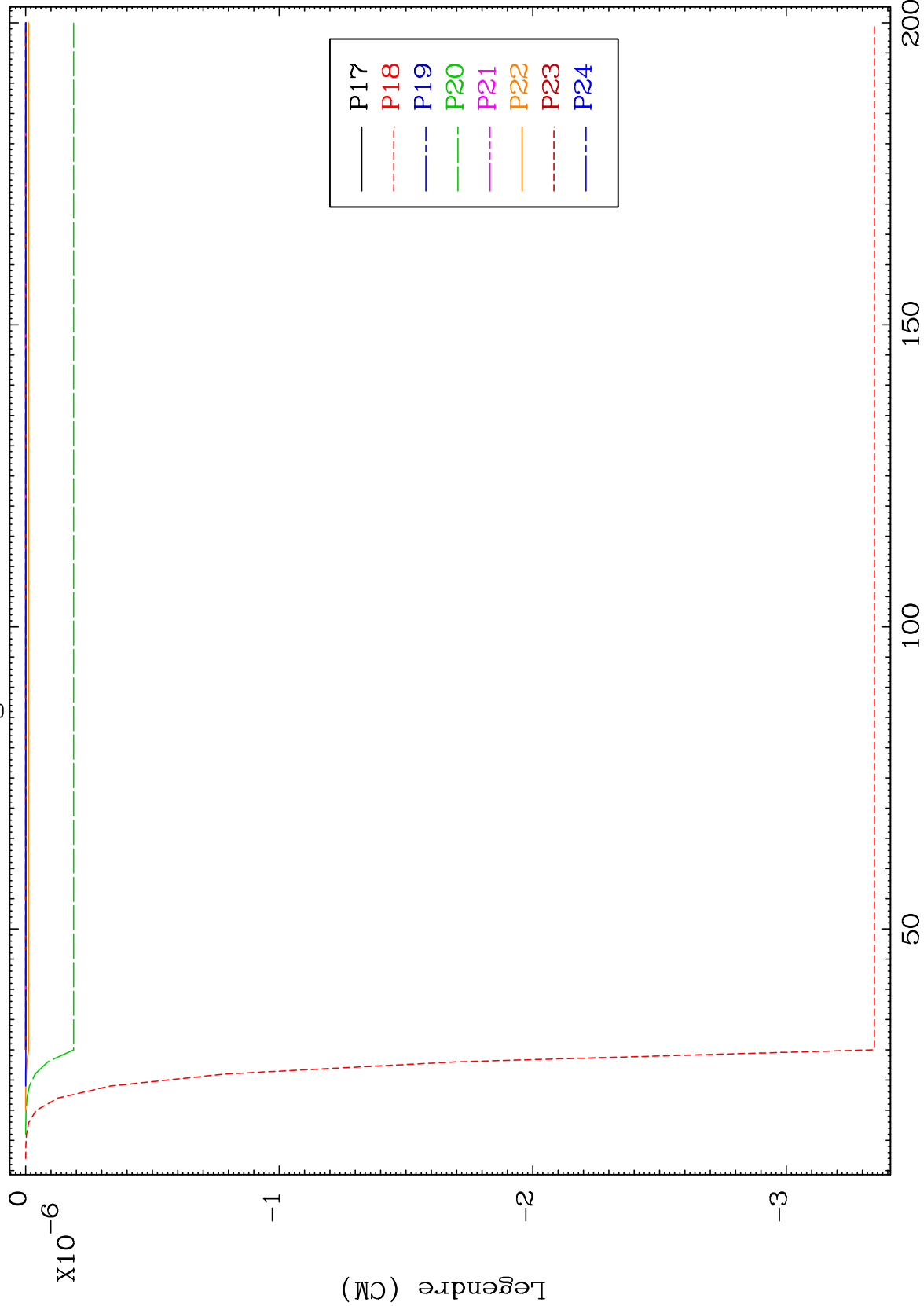


21

MAT 4125

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

41-Nb-93



41-Nb-93

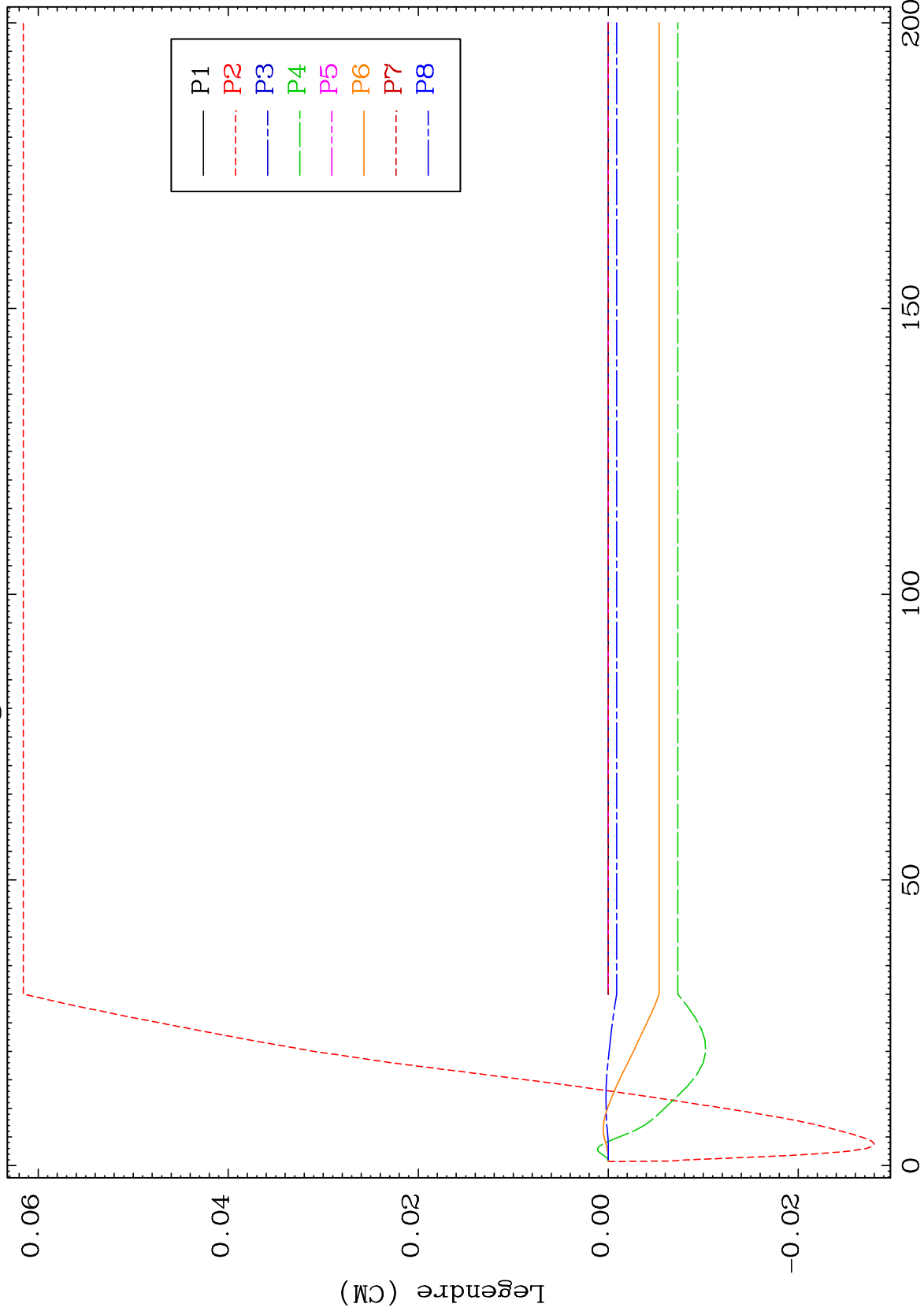
Incident Energy (MeV)

22

MAT 4125

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

41-Nb-93



23

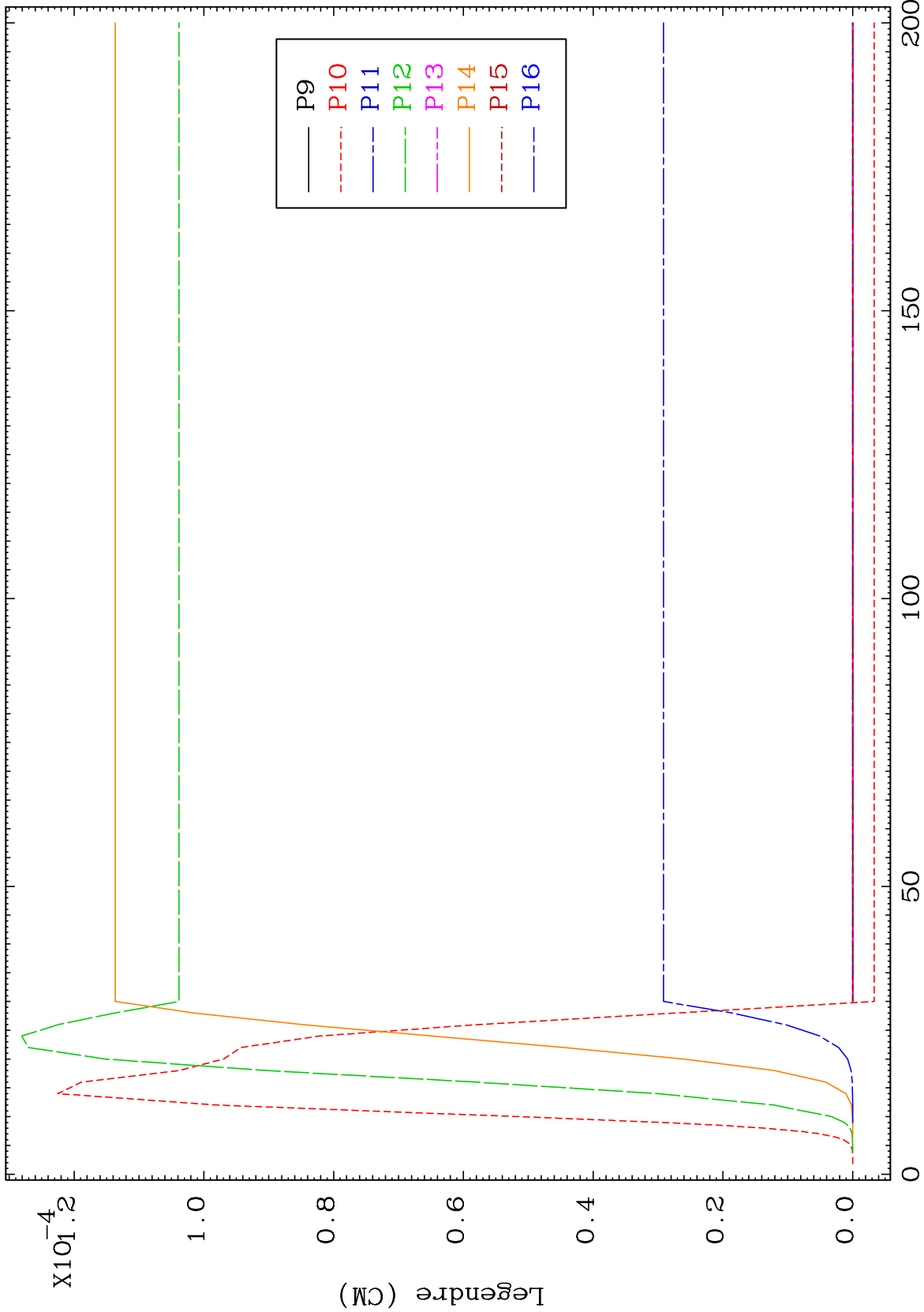
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



24

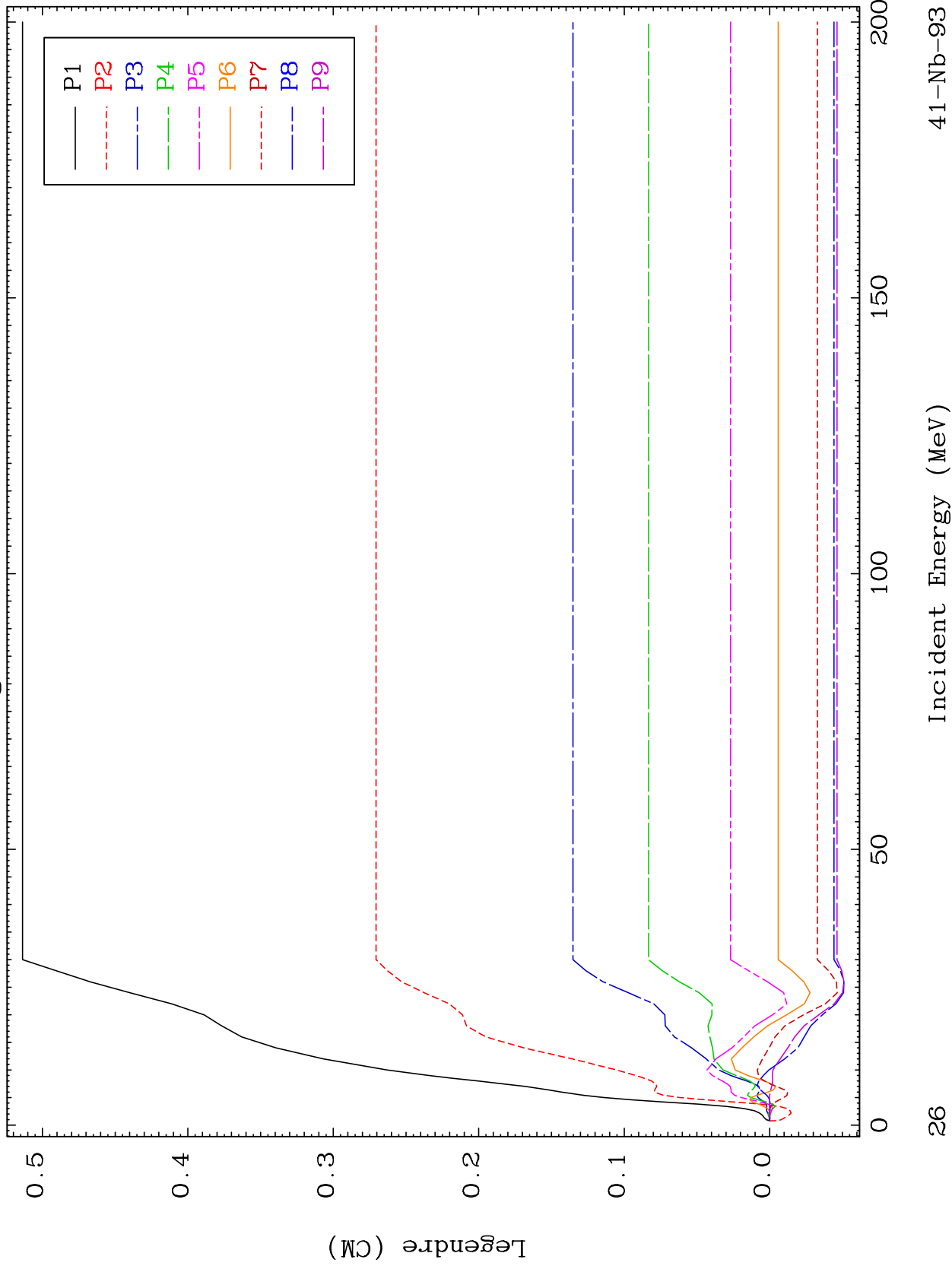
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

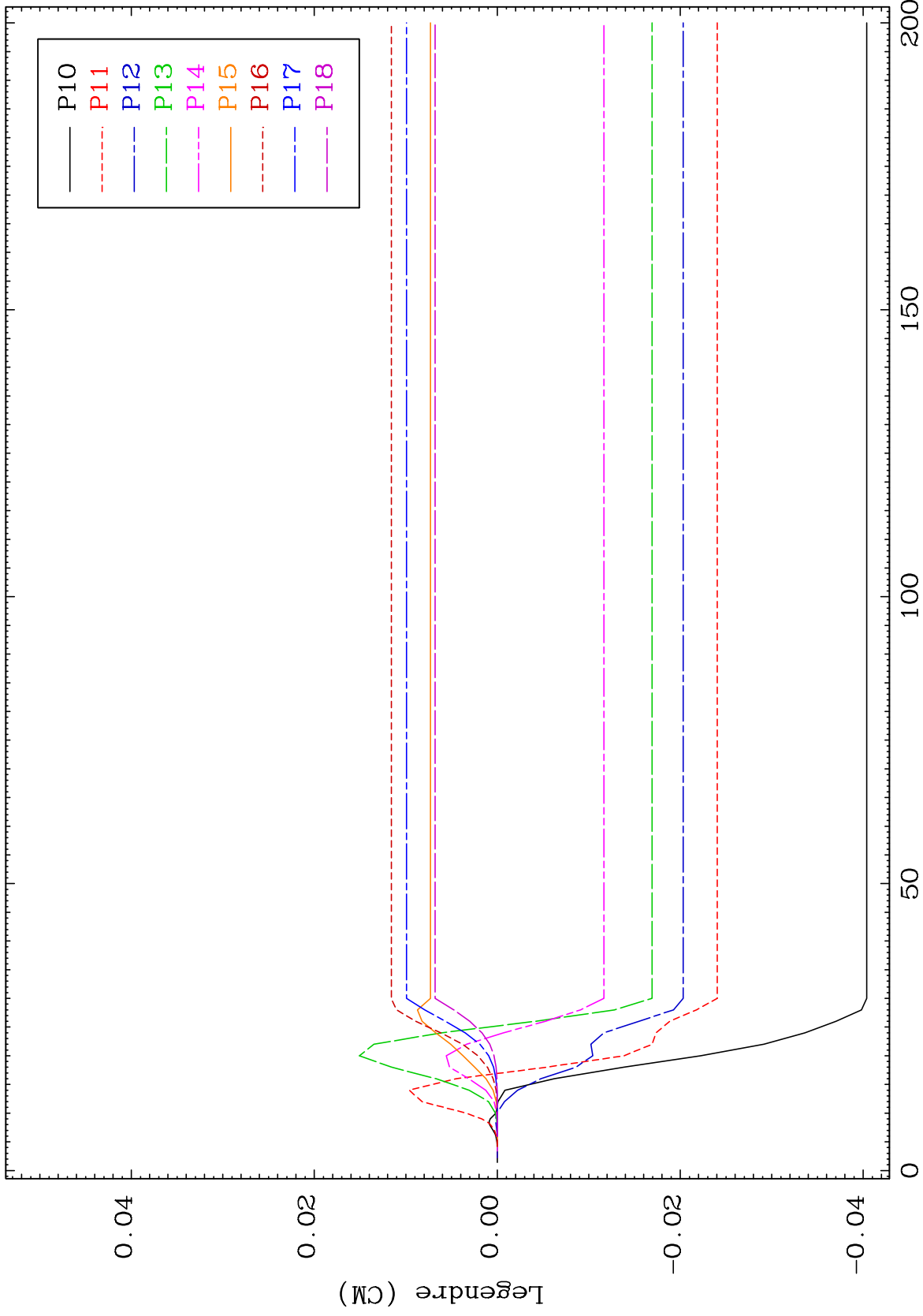
41-Nb-93



MAT 4125

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

41-Nb-93



27

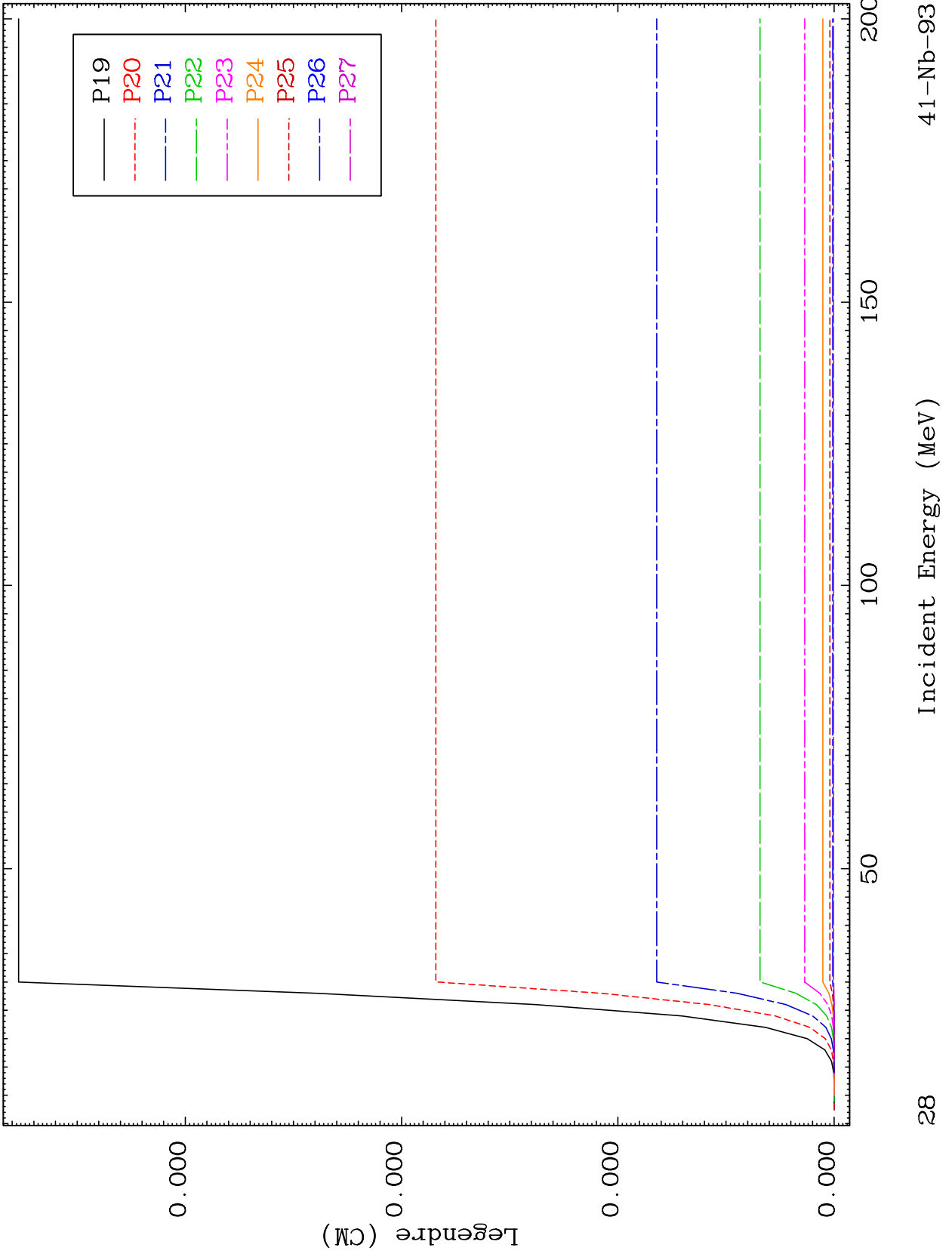
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



28

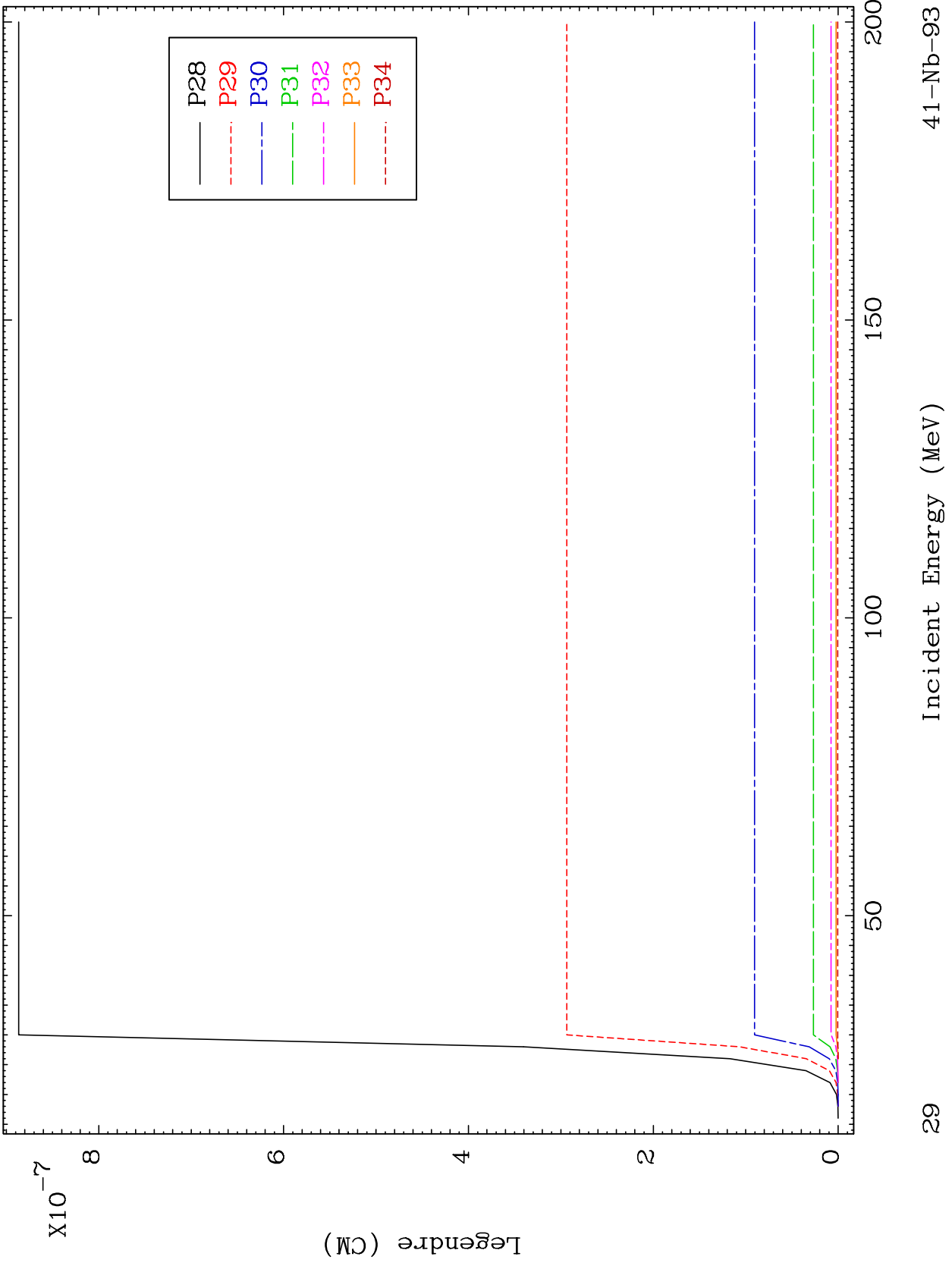
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

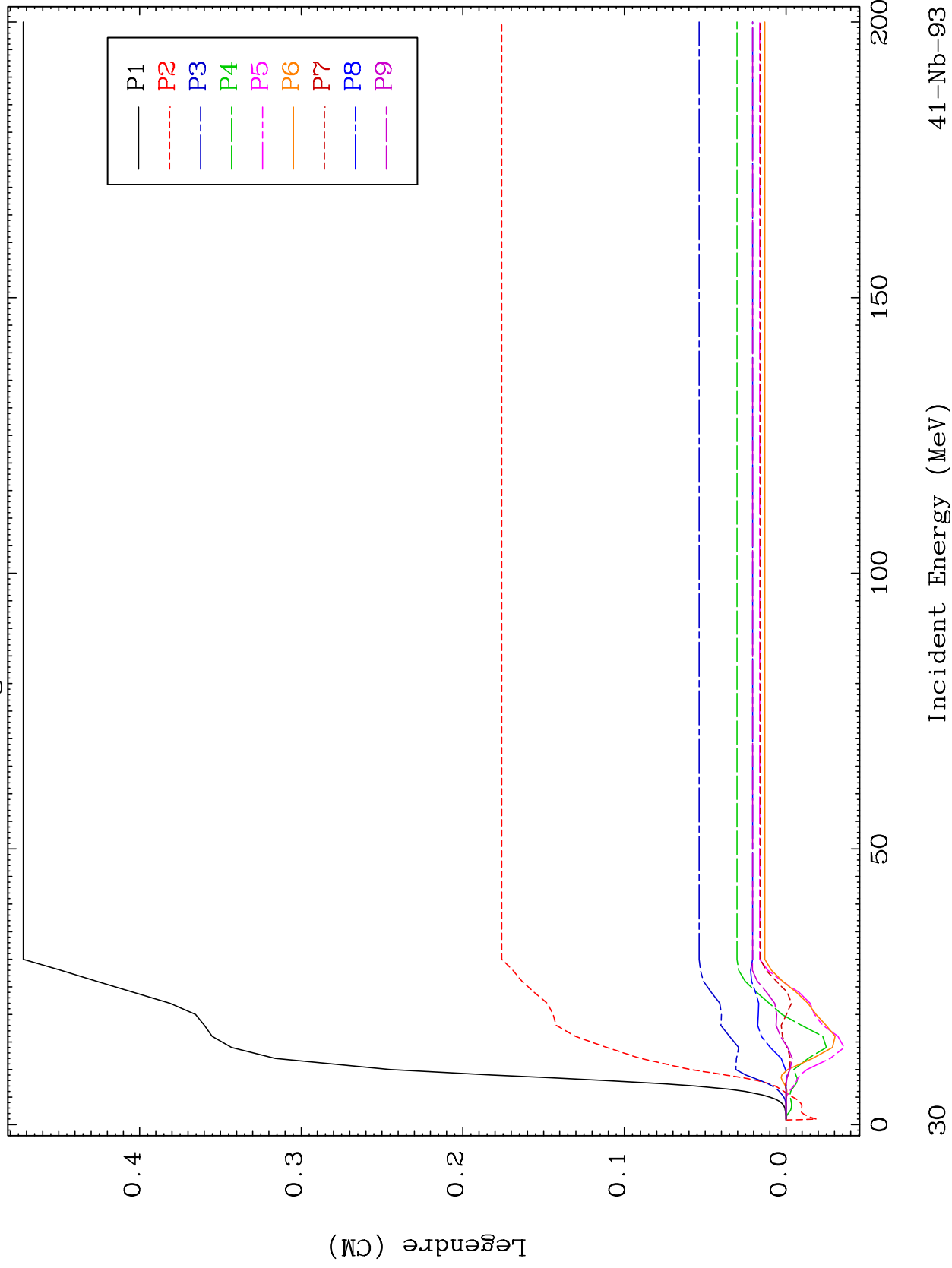


29

MAT 4125

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

41-Nb-93

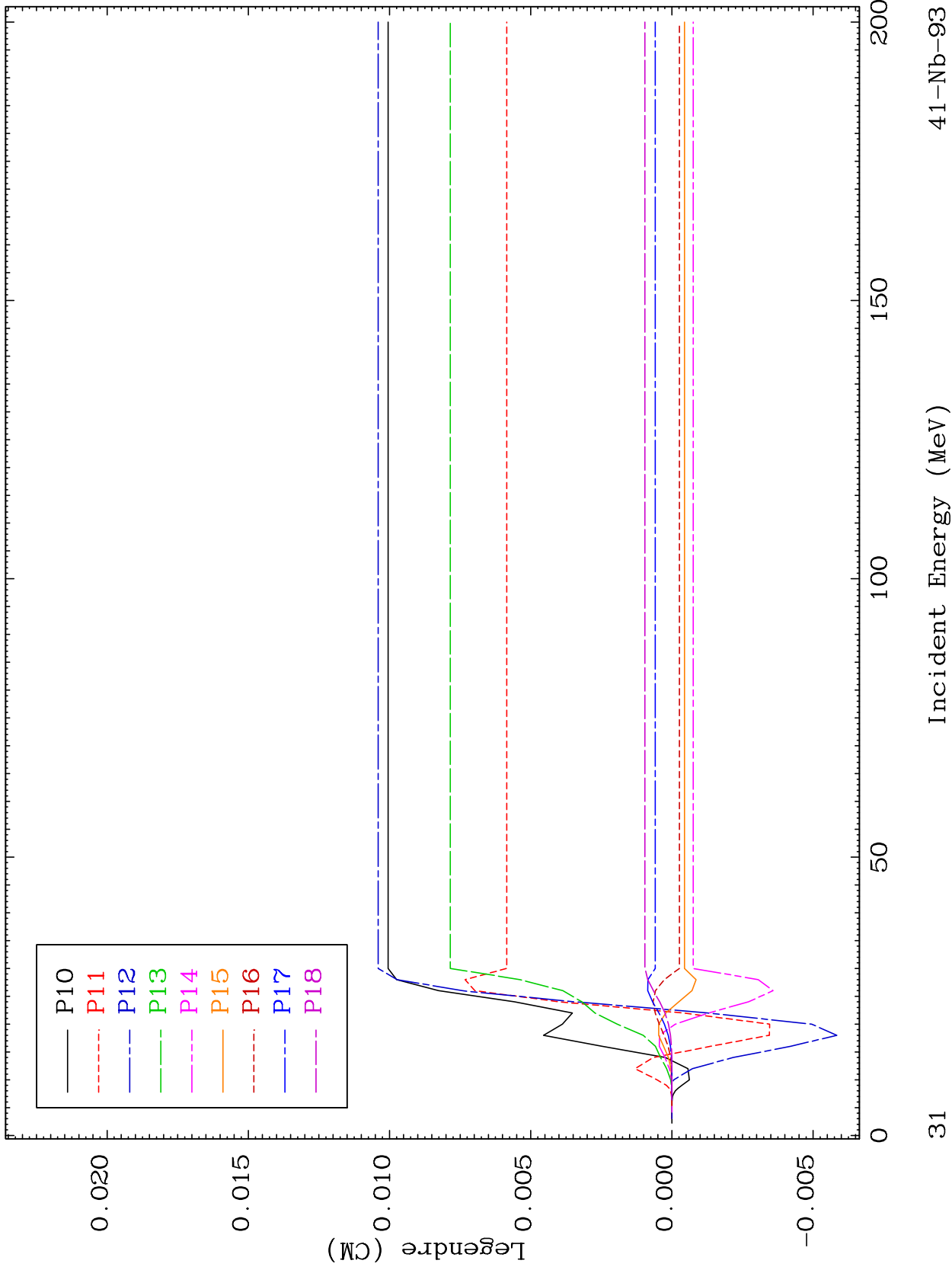


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MAT 4125

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

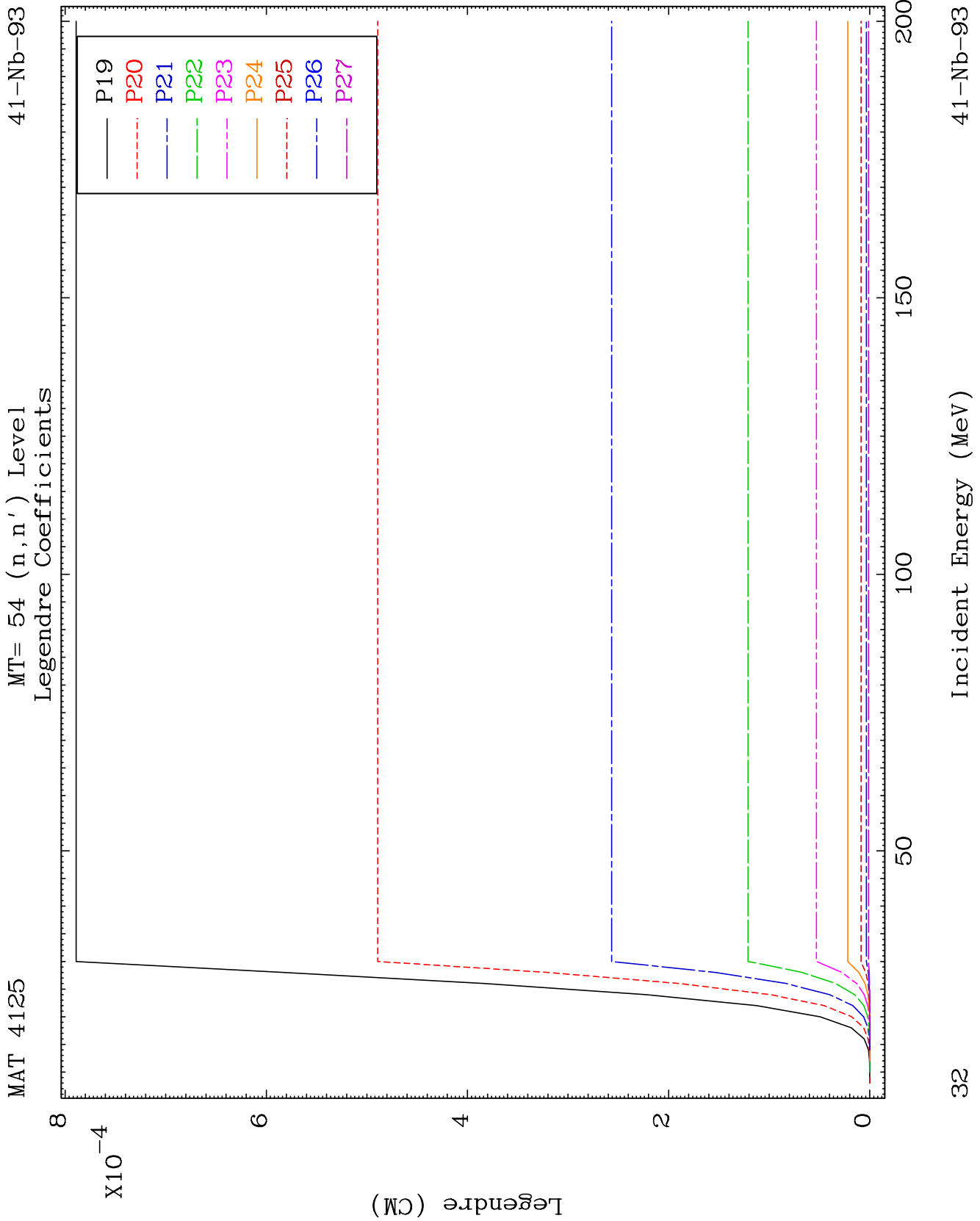
41-Nb-93



31

Incident Energy (MeV)

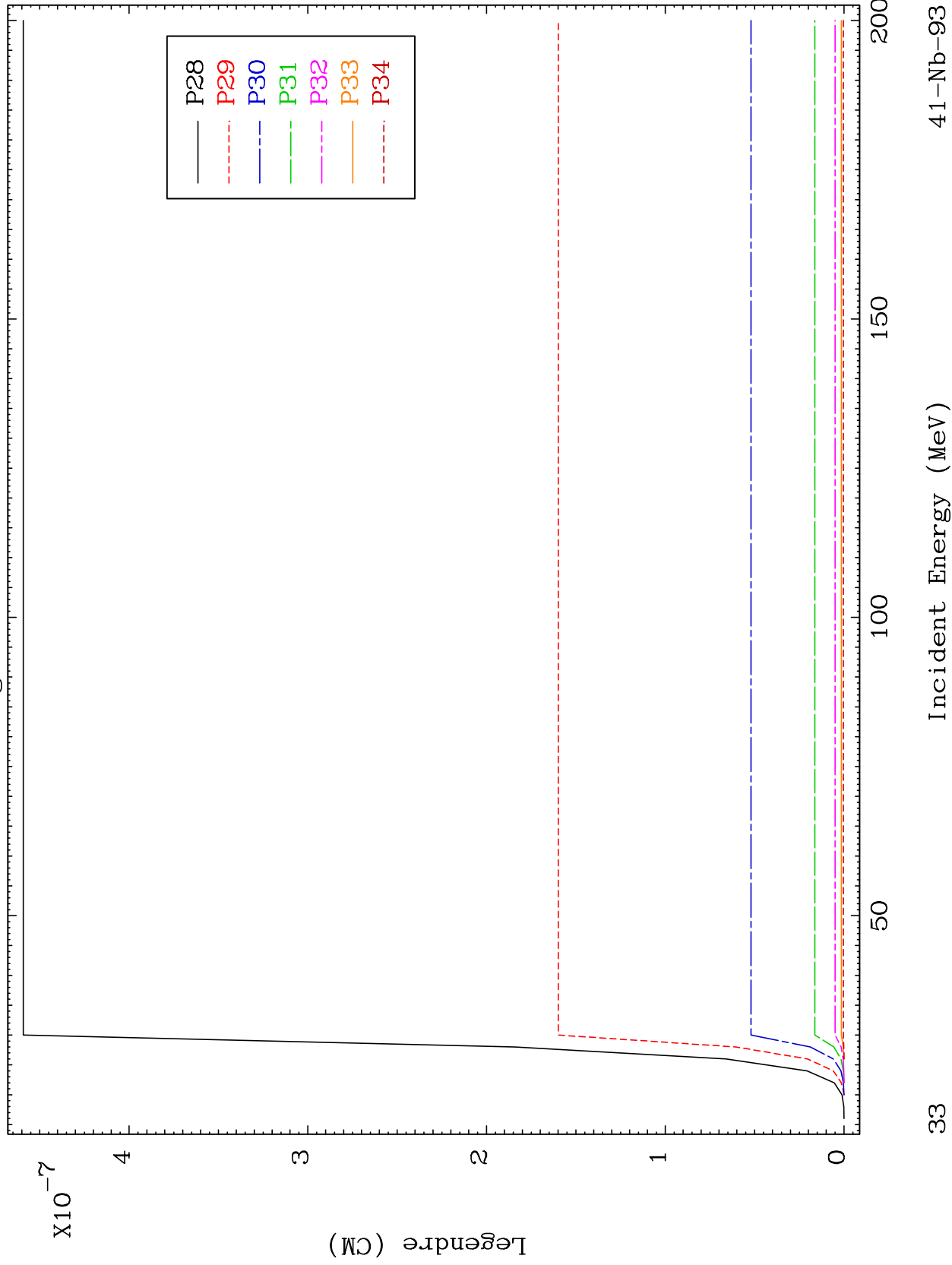
41-Nb-93



MAT 4125

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

41-Nb-93

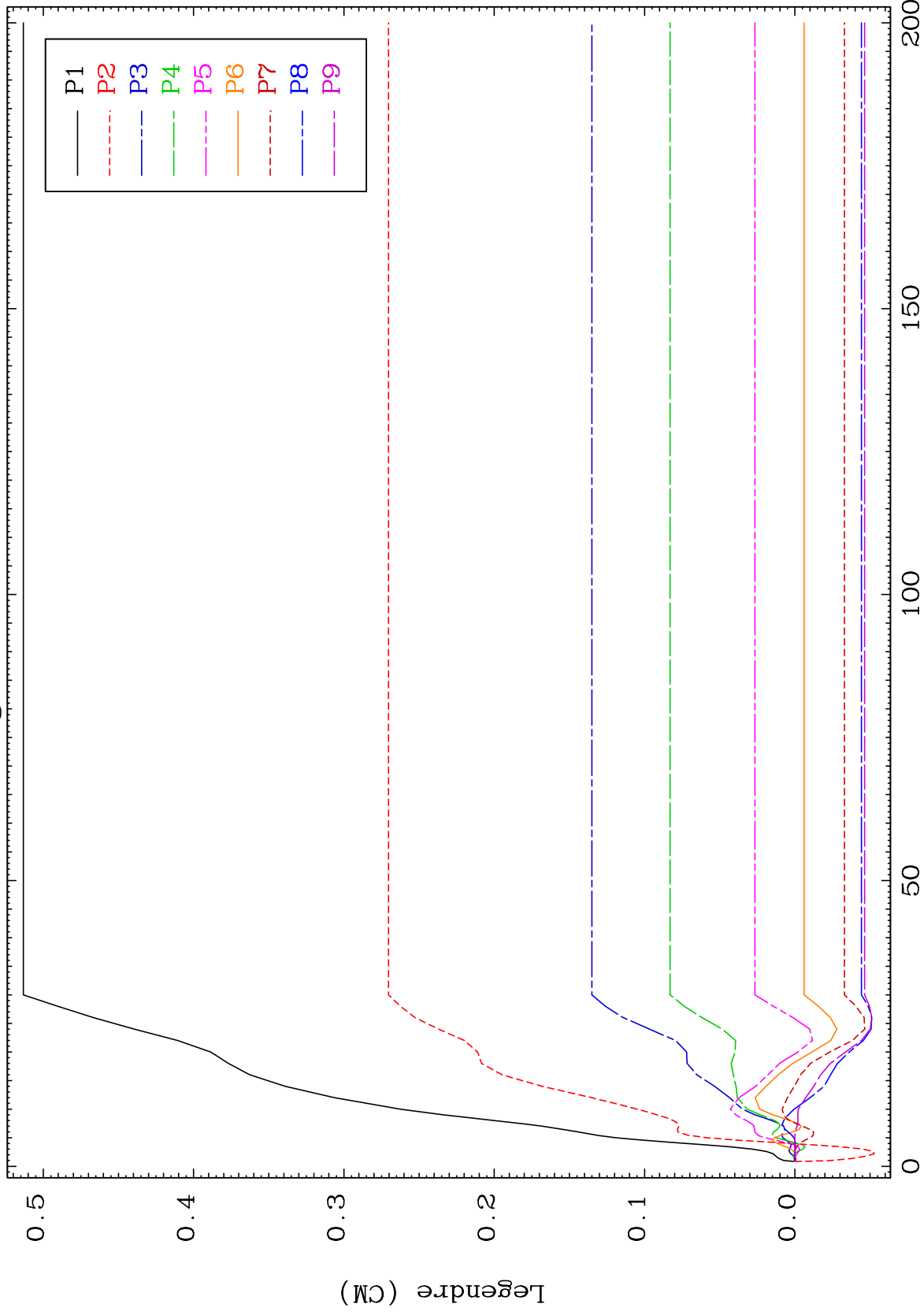


MAT 4125

MT= 55 (n,n') Level

41-Nb-93

Legendre Coefficients



34

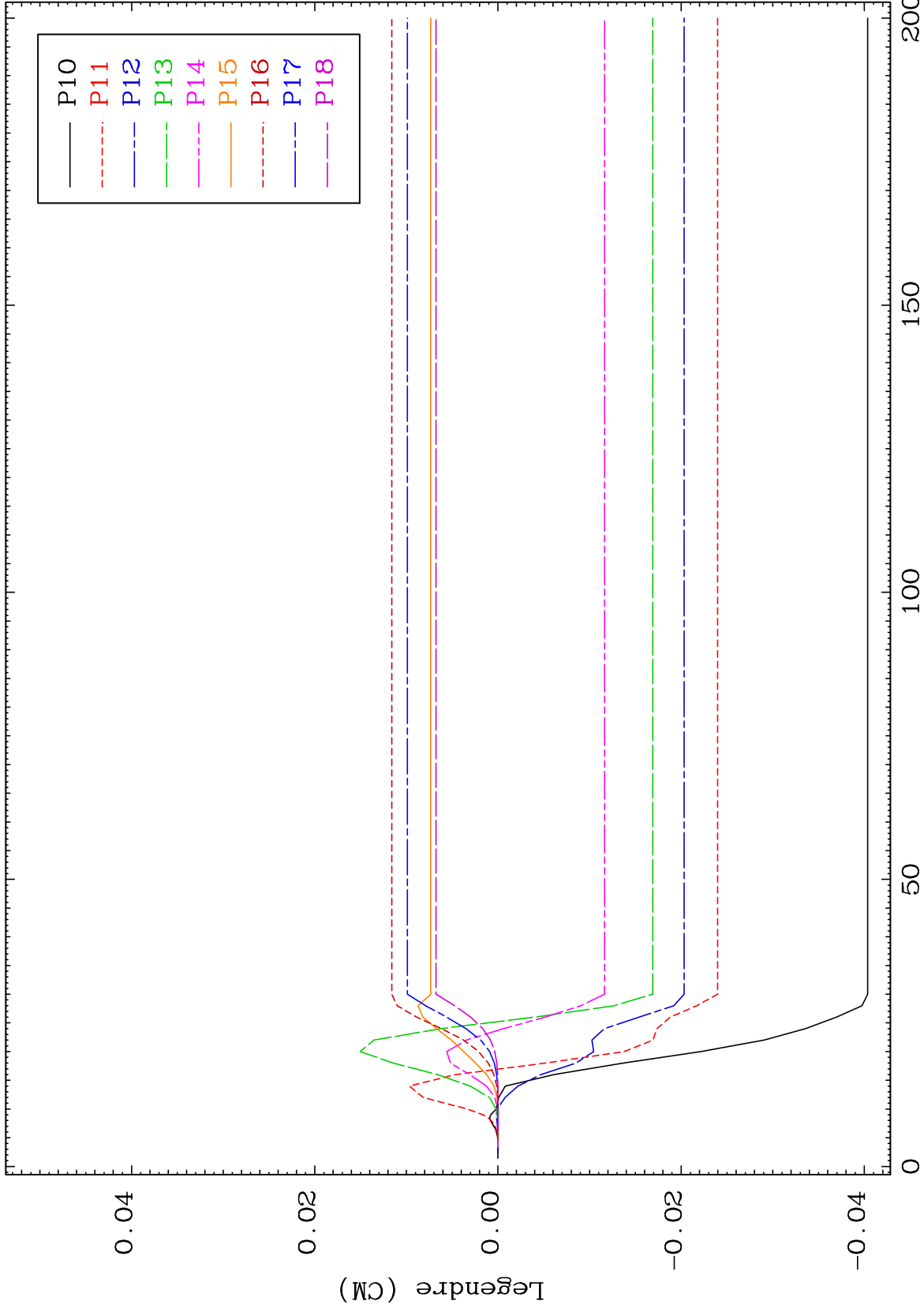
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



35

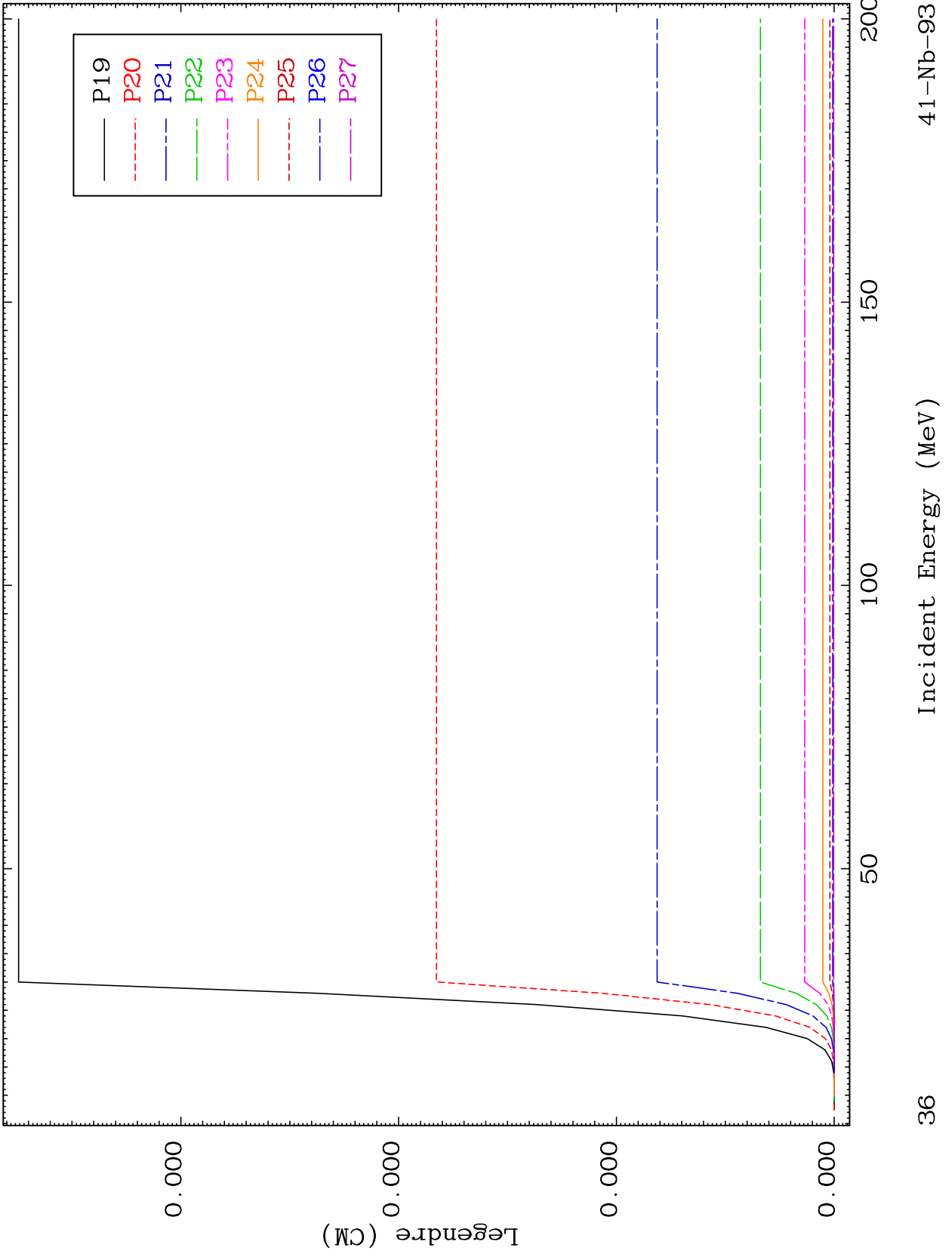
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

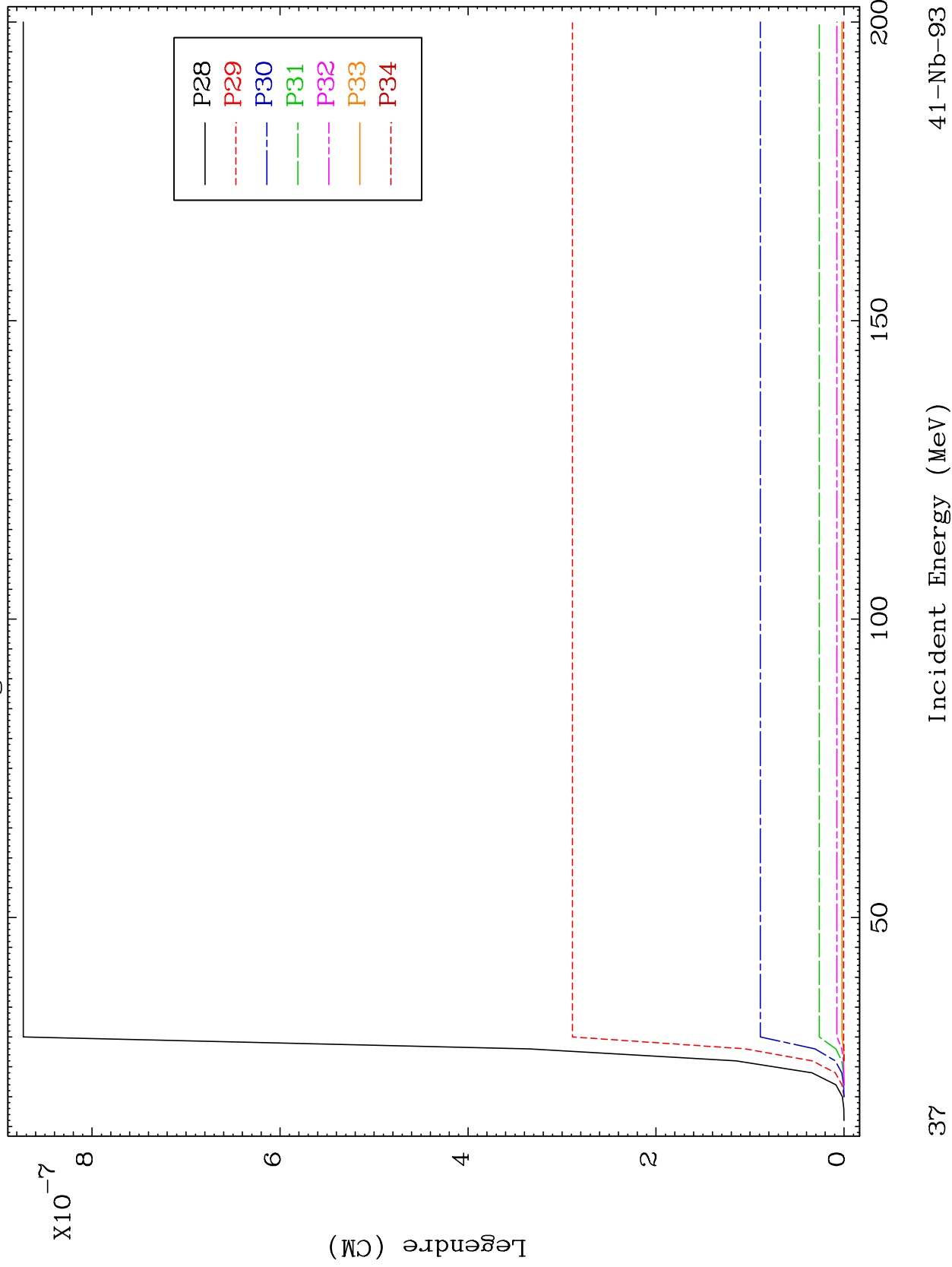
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MAT 4125

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

41-Nb-93

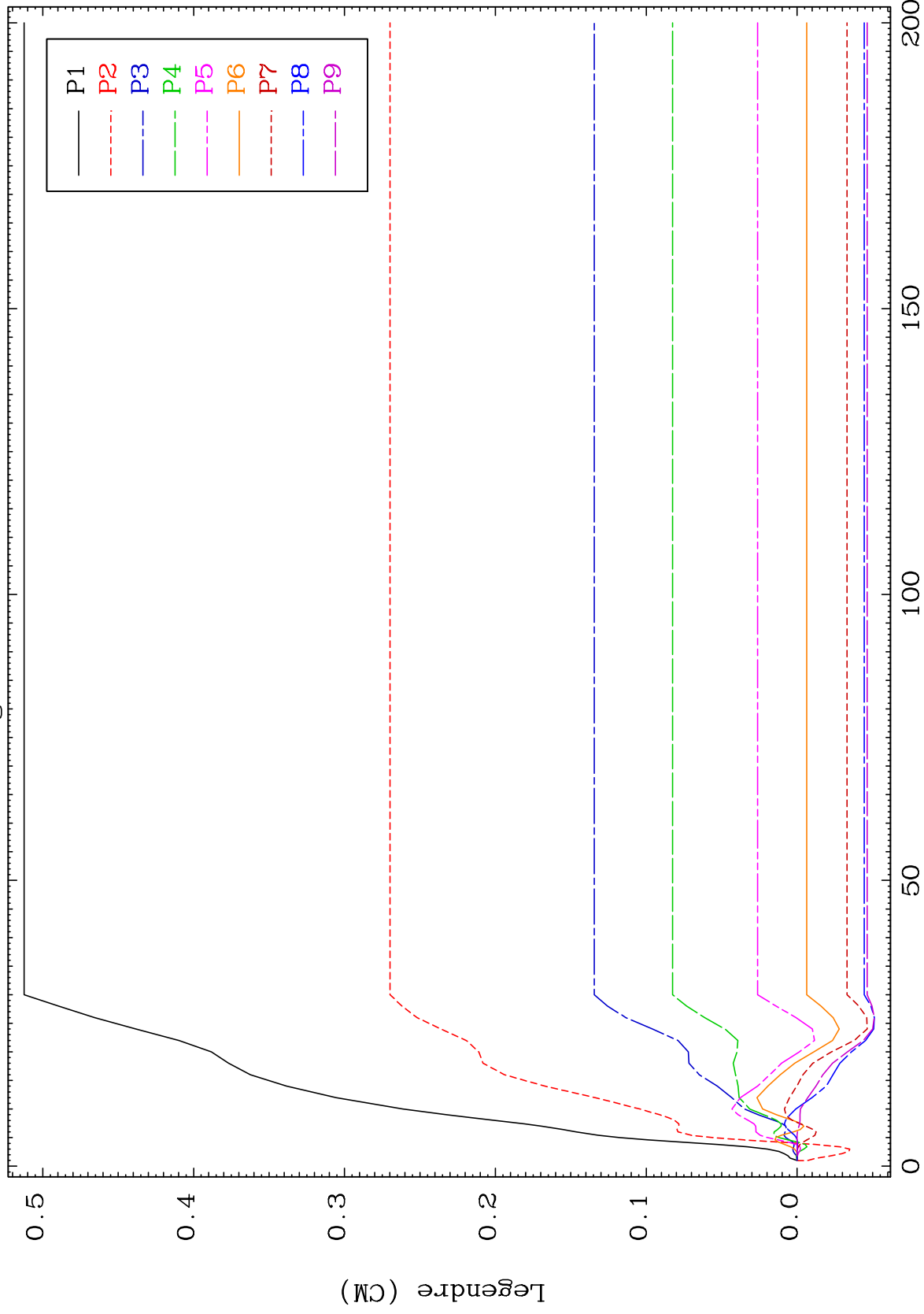


37

MAT 4125

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

41-Nb-93



38

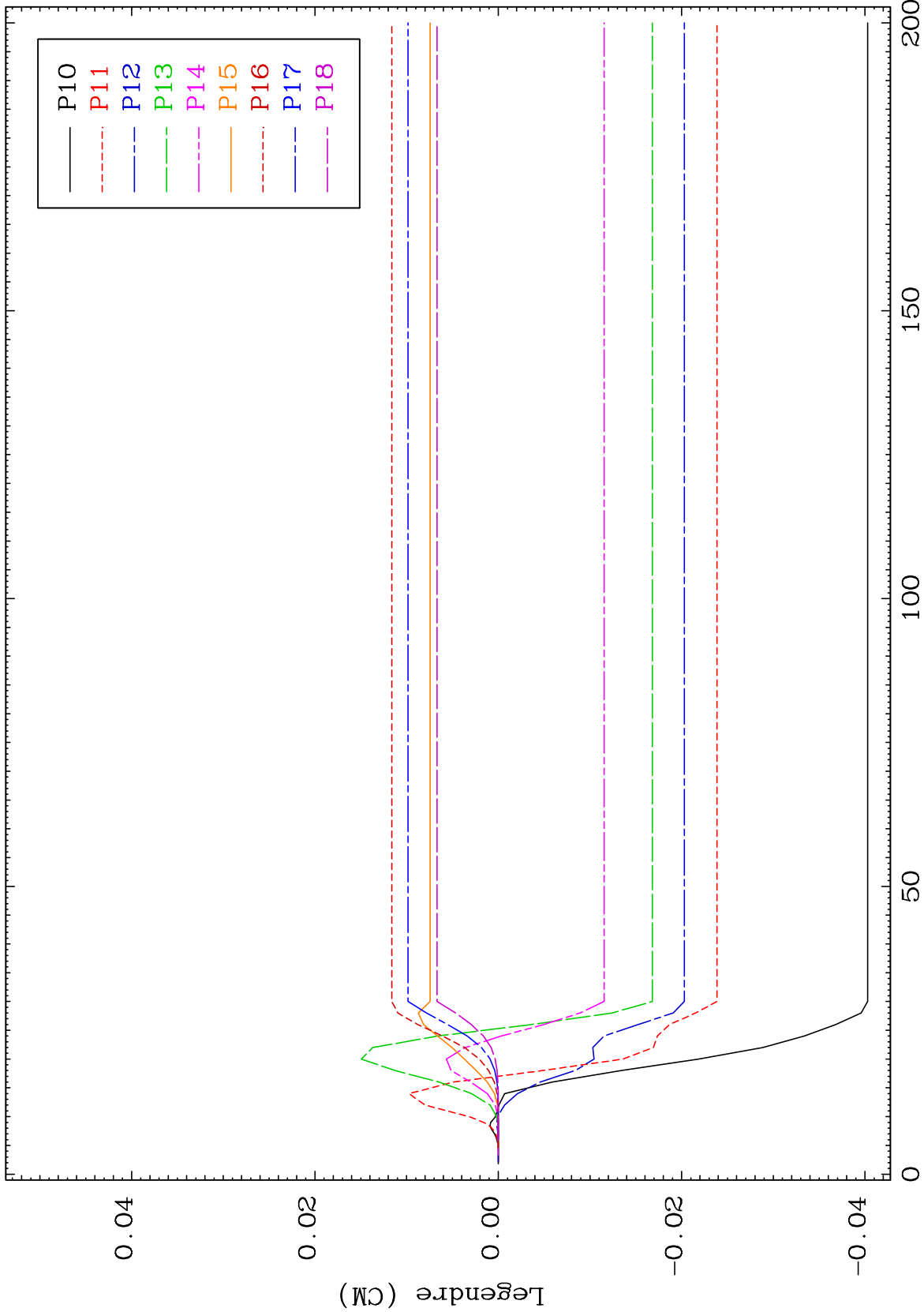
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



39

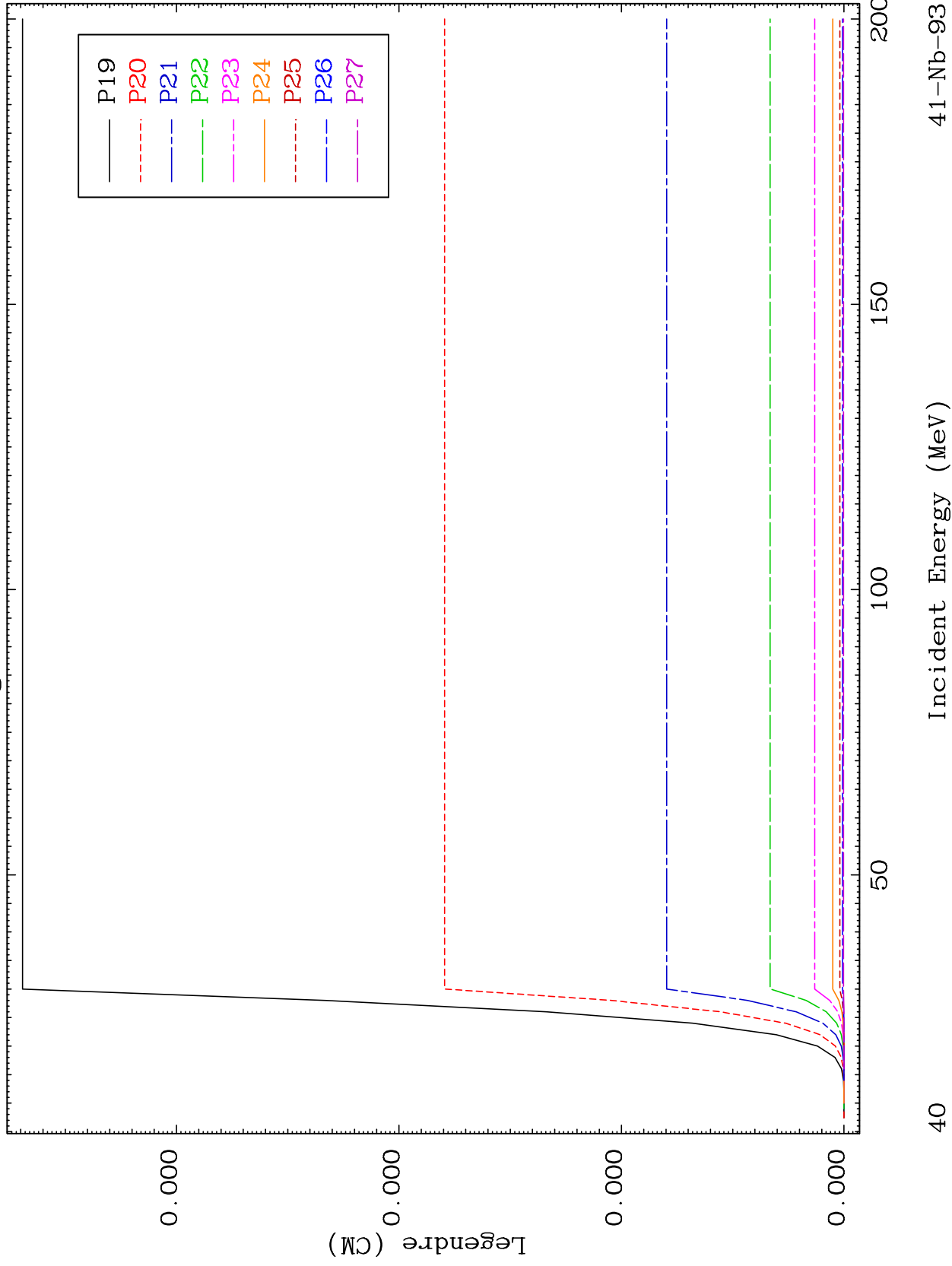
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

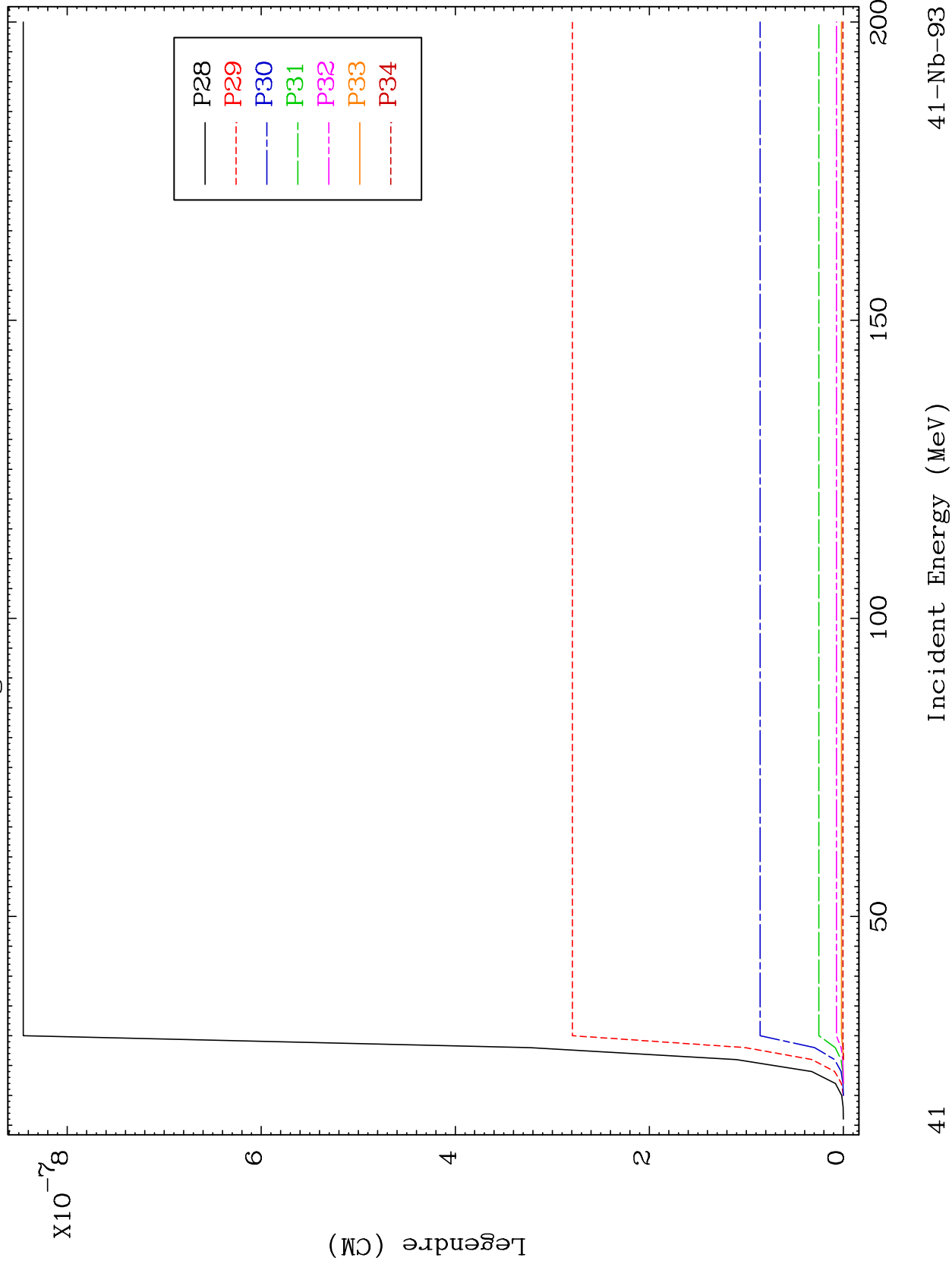
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MAT 4125

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

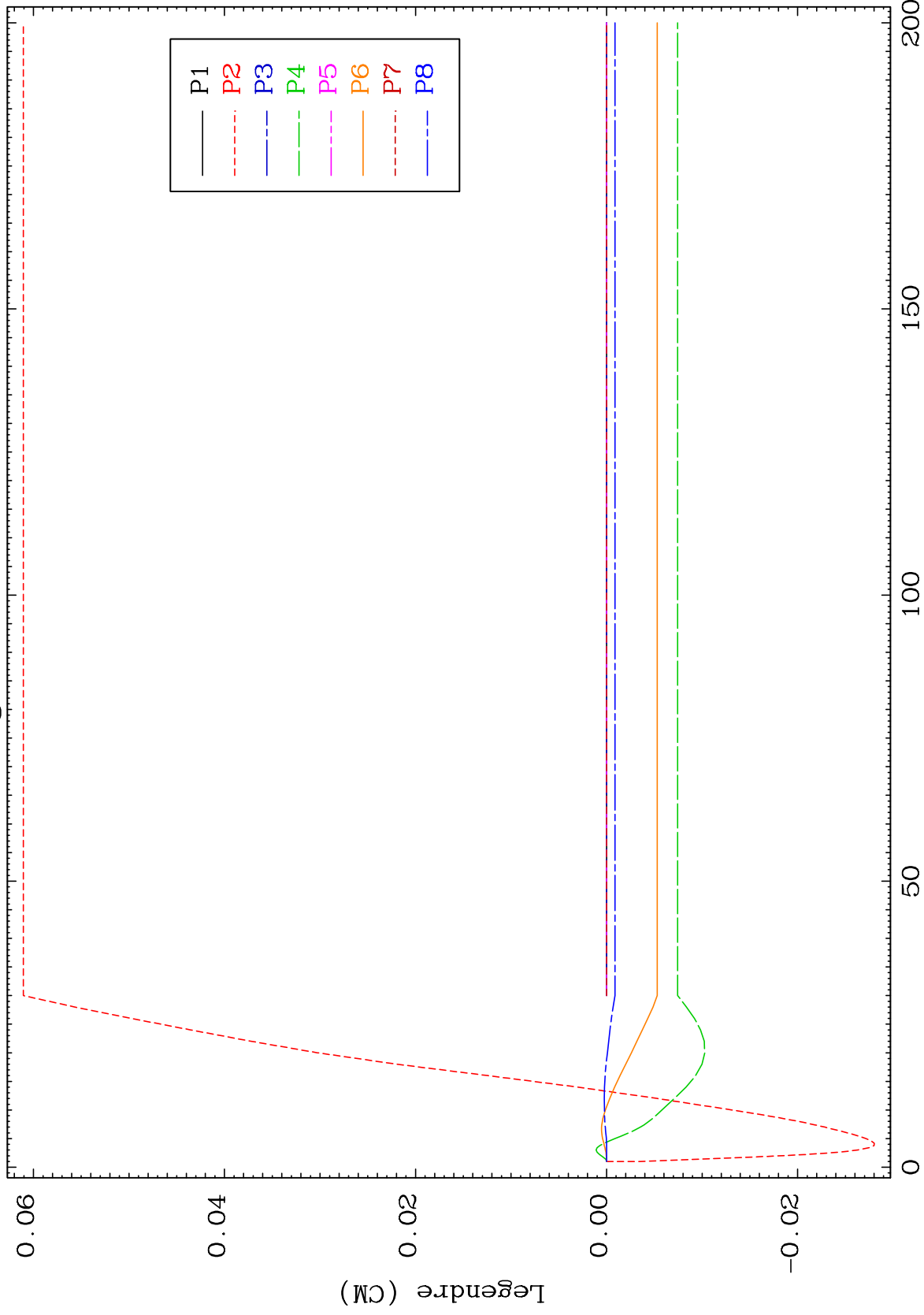
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MAT 4125

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

41-Nb-93



42

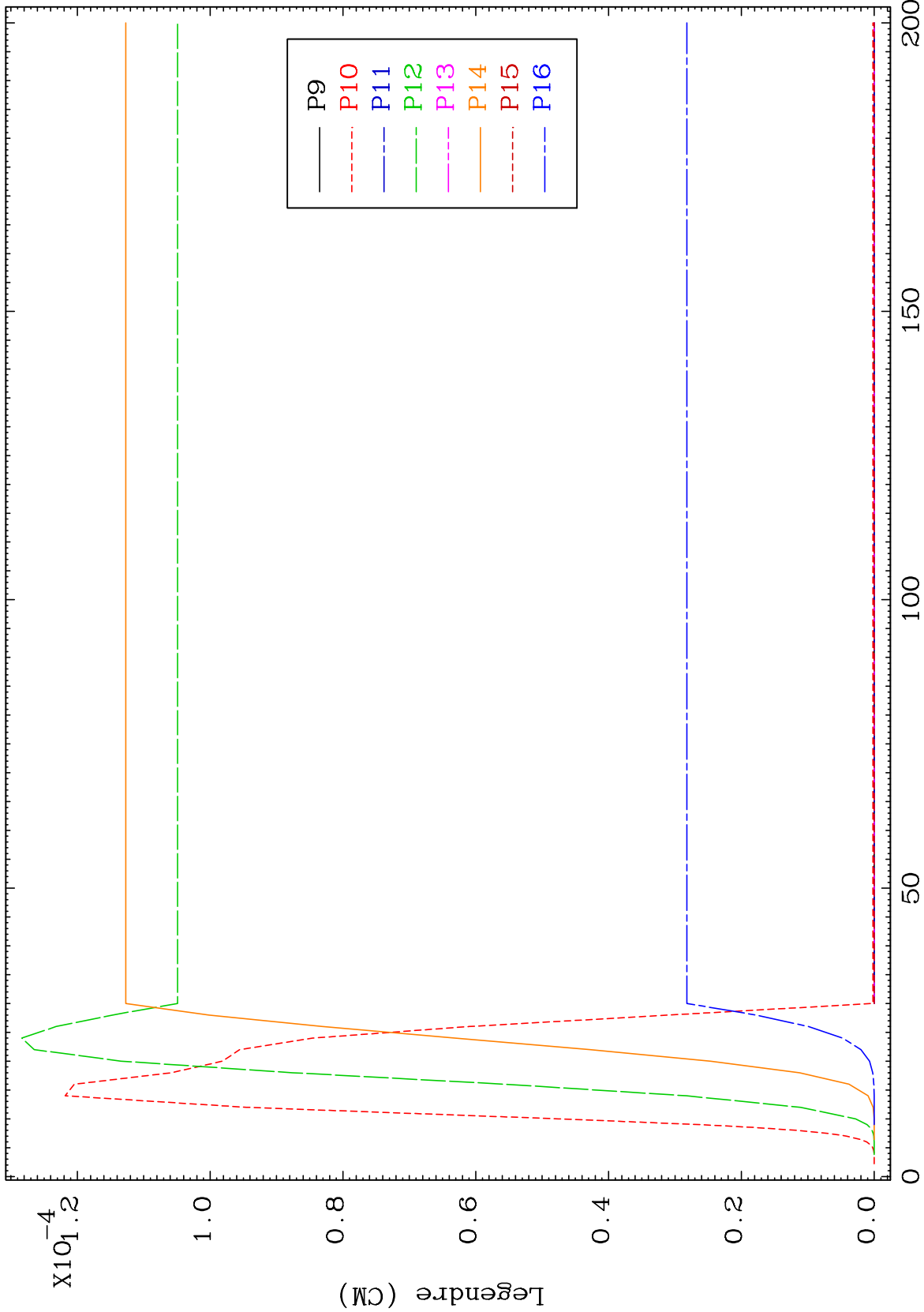
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



43

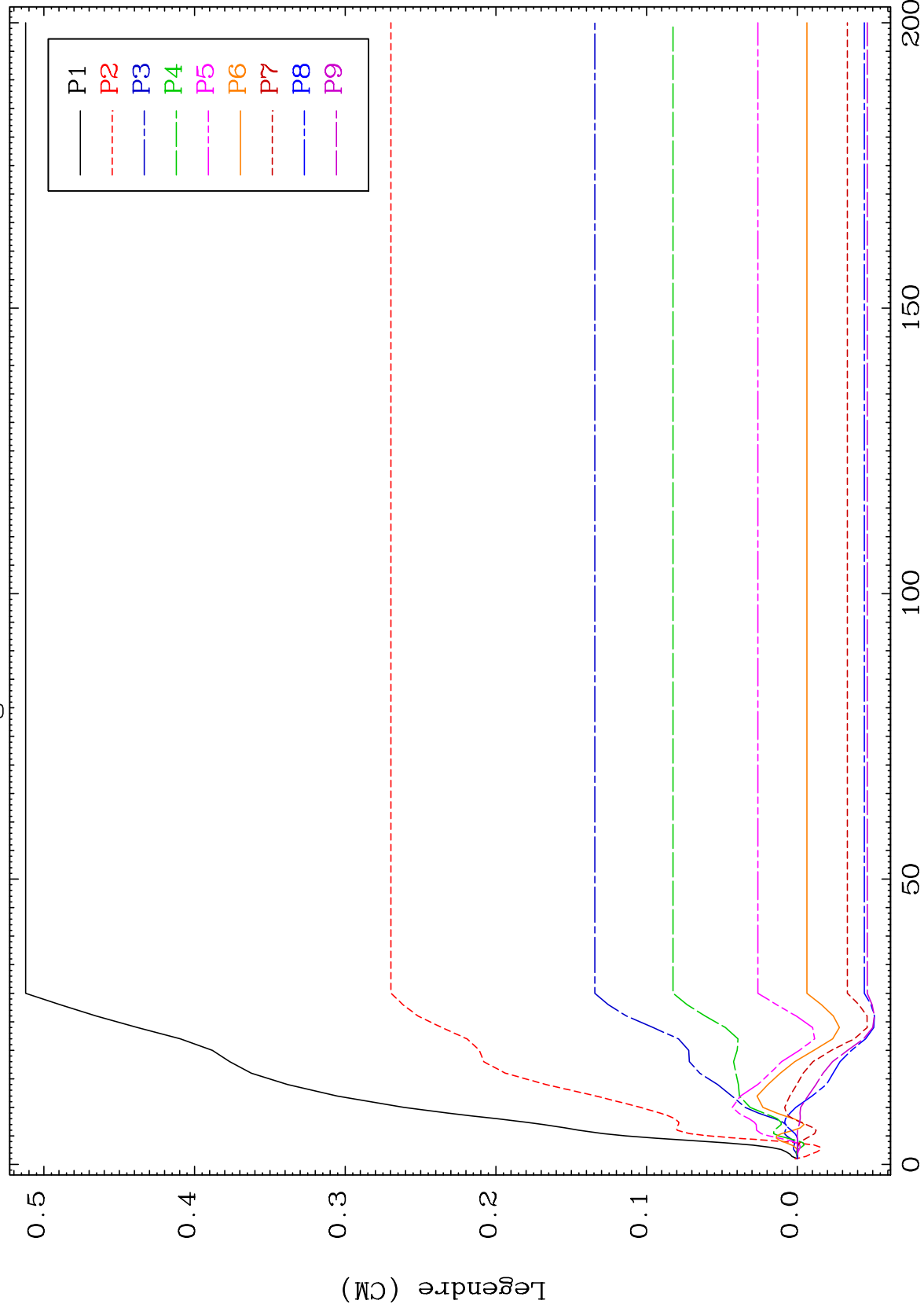
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



45

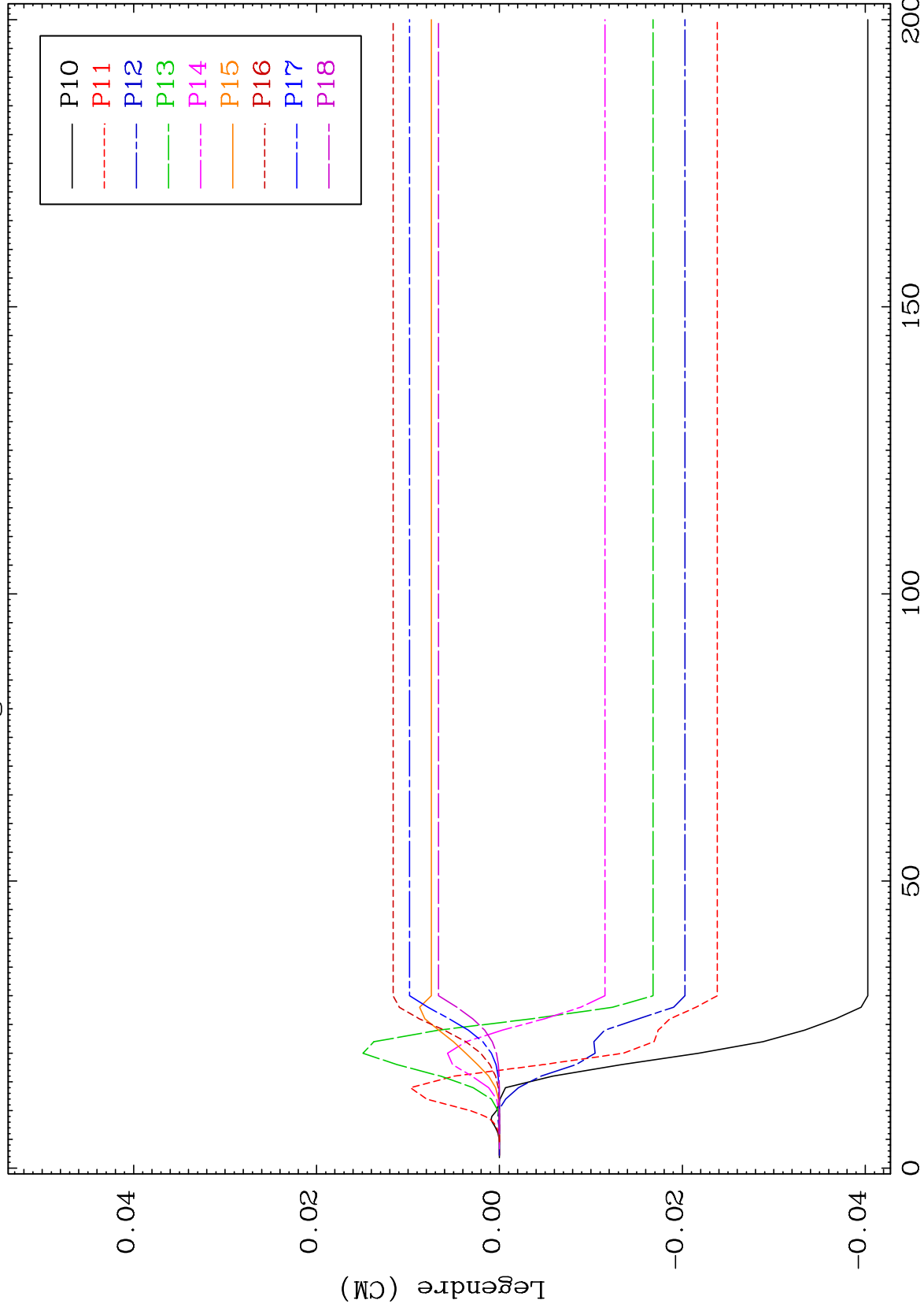
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



46

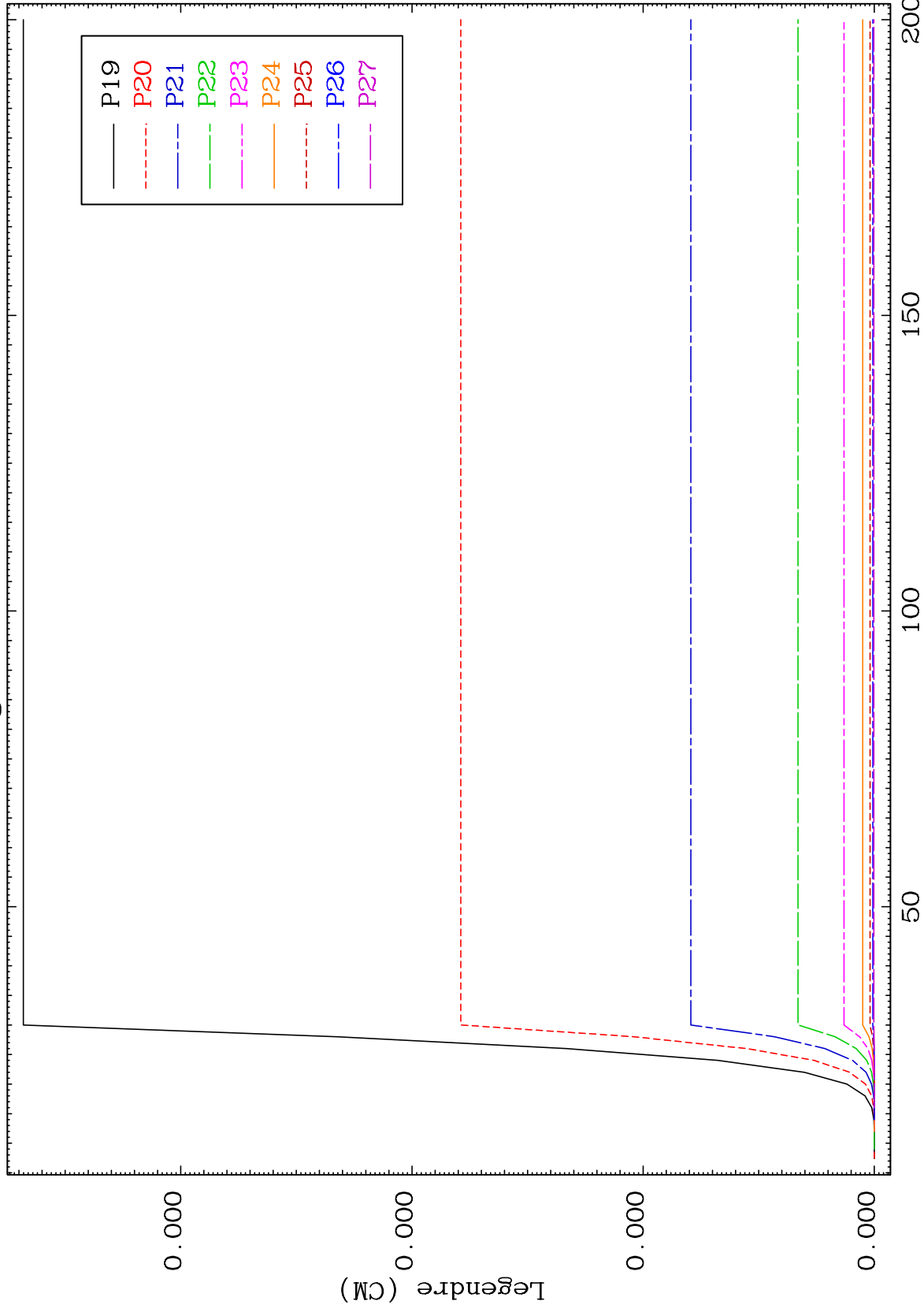
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



47

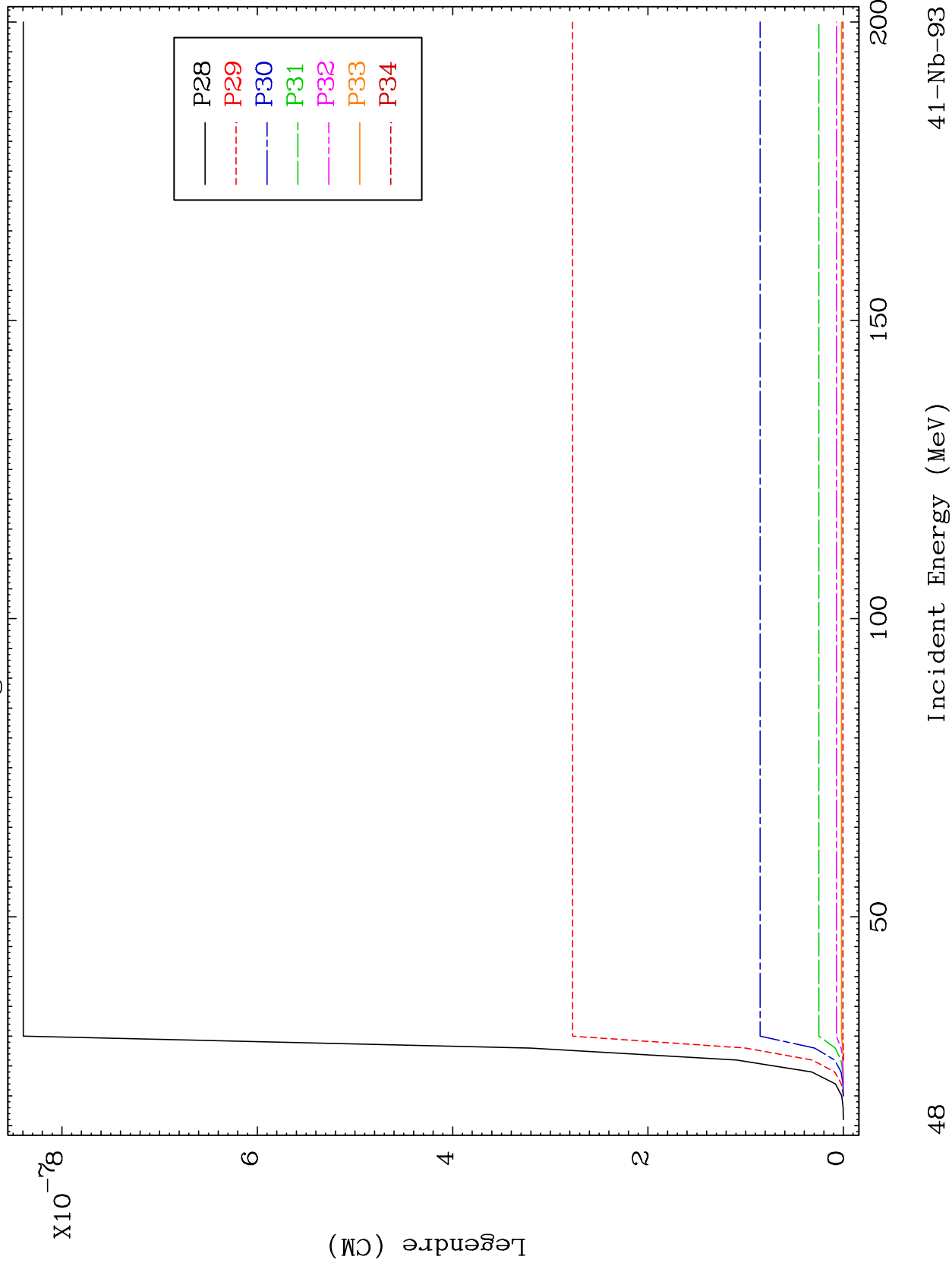
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

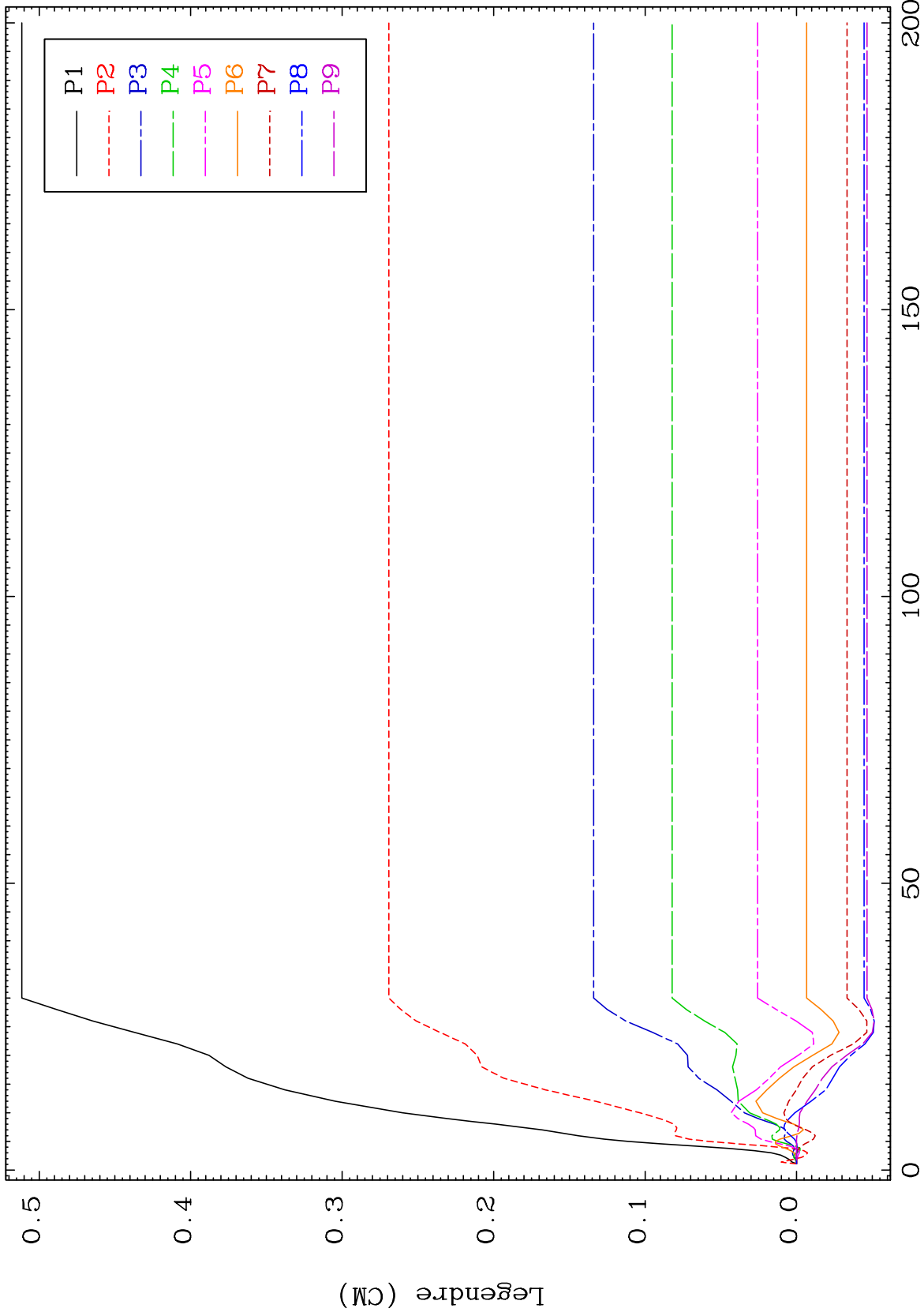


MAT 4125

MT= 59 (n,n') Level

41-Nb-93

Legendre Coefficients



49

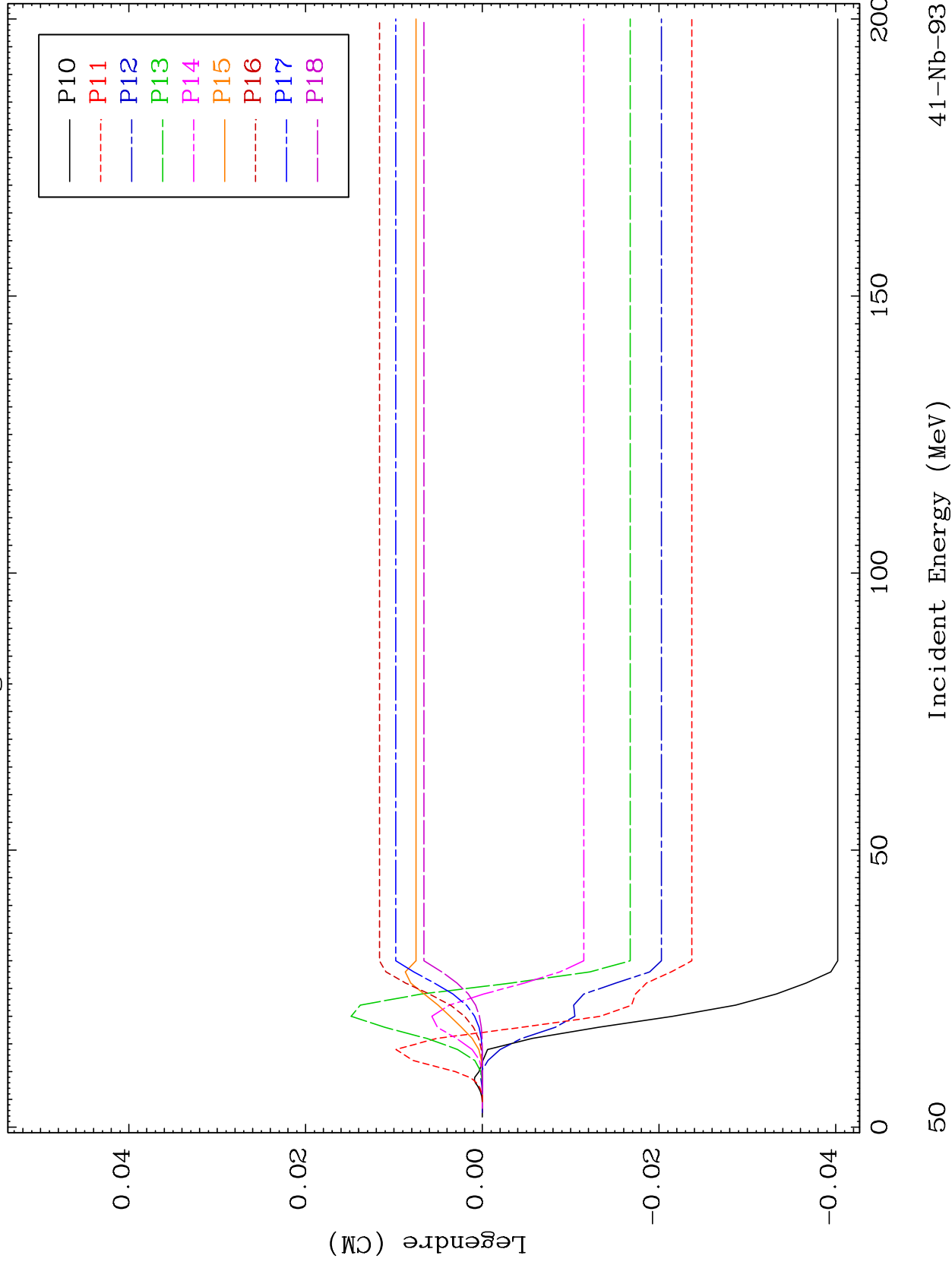
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



41-Nb-93

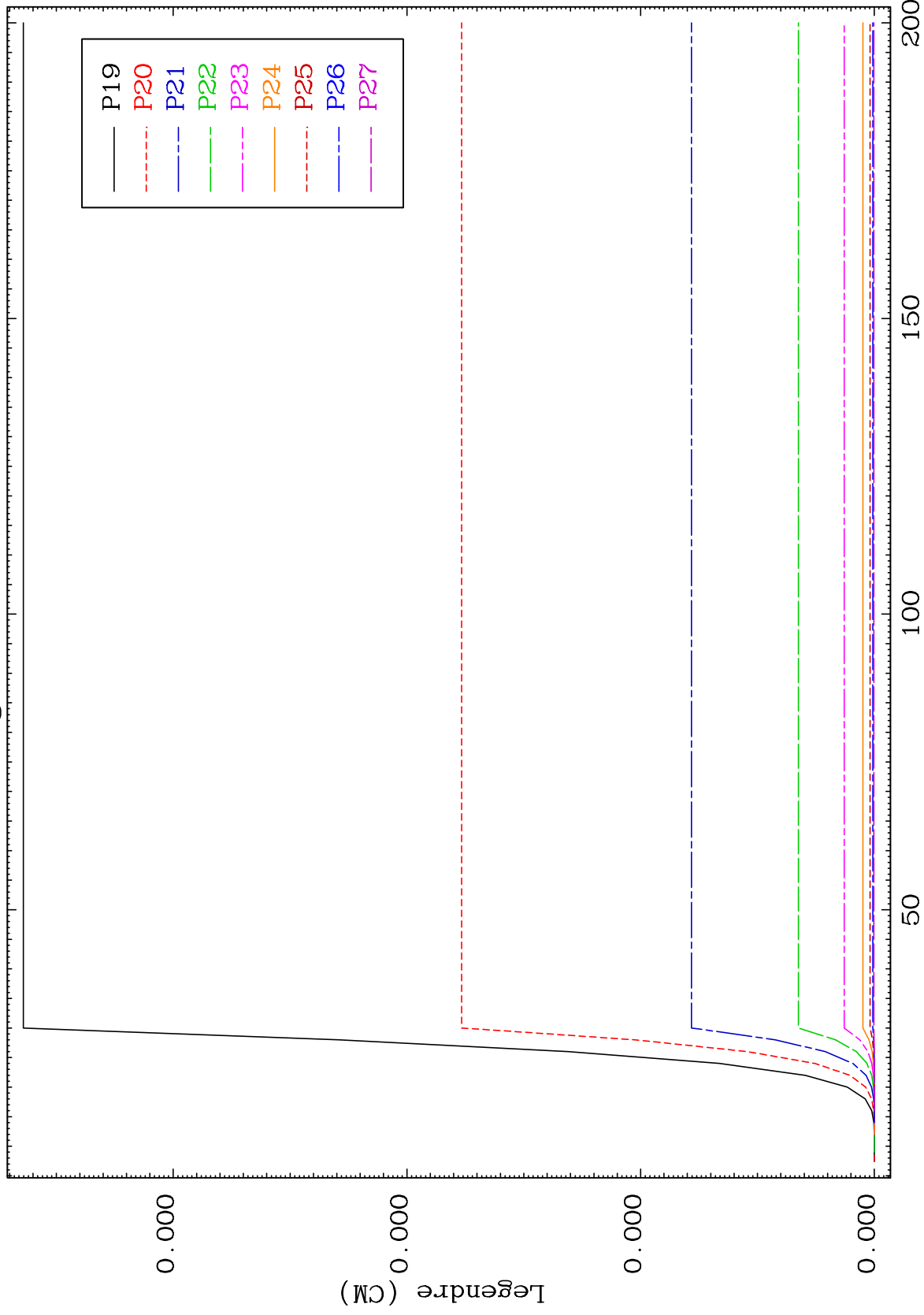
Incident Energy (MeV)

50

MAT 4125

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

41-Nb-93



51

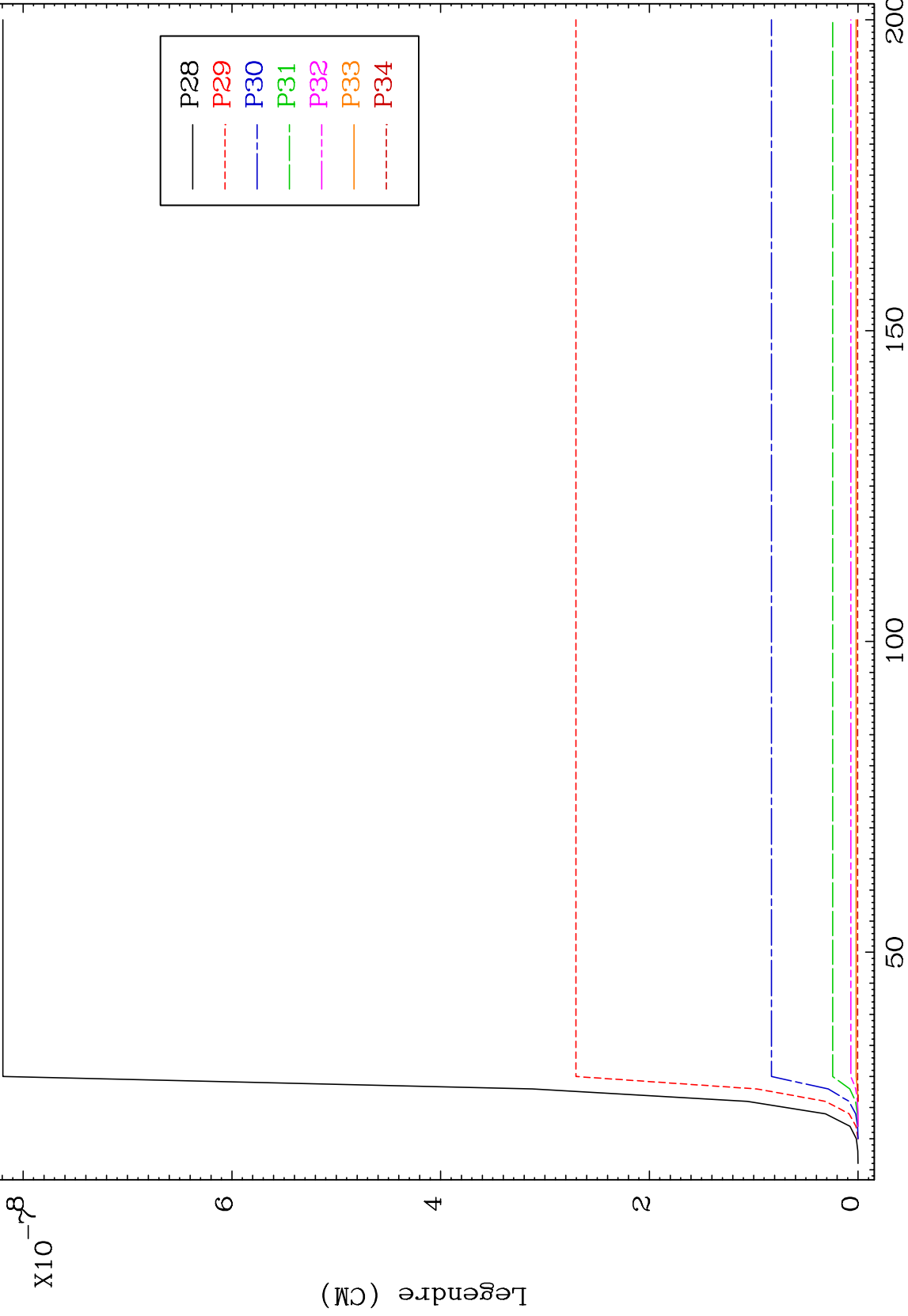
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



52

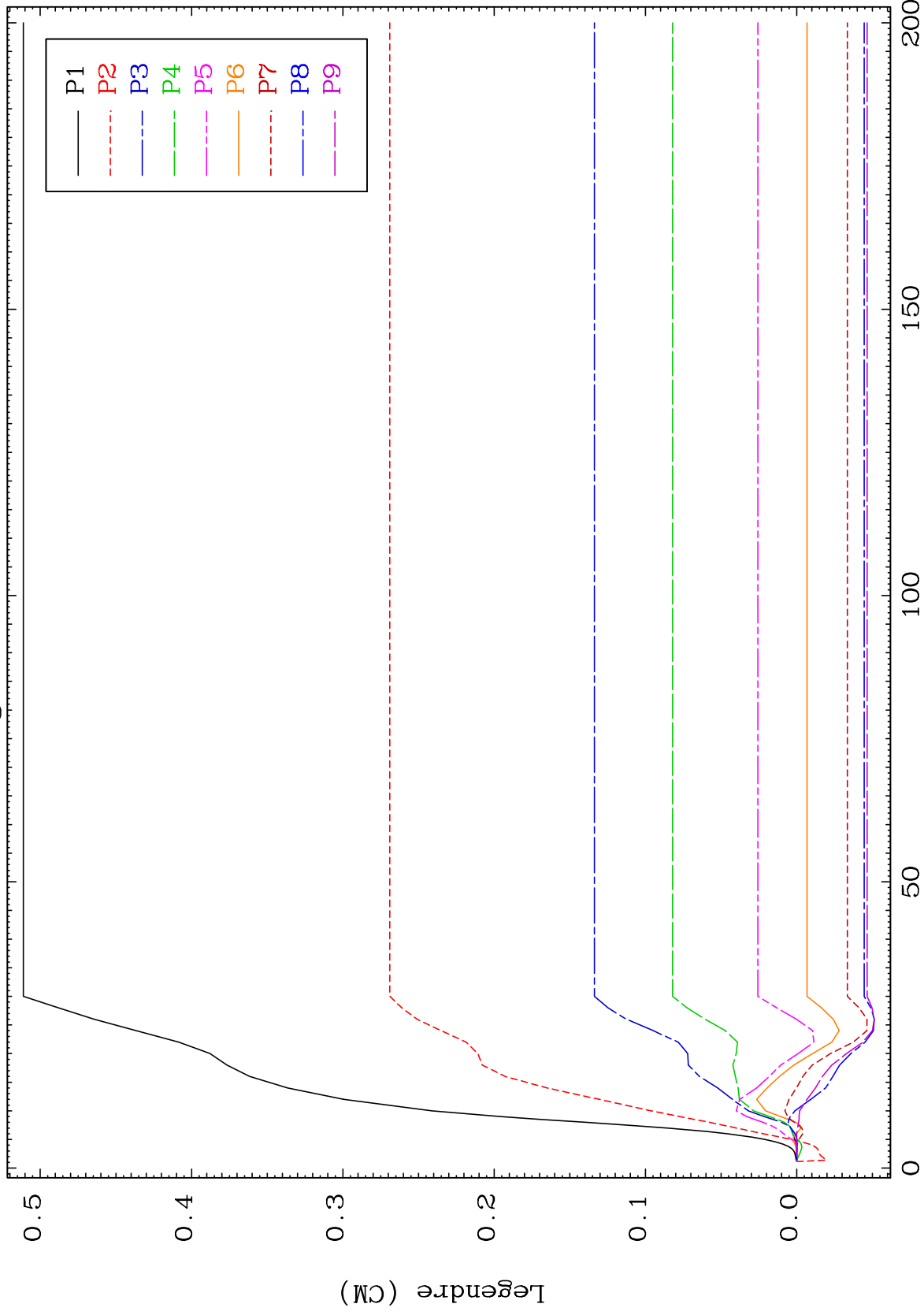
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



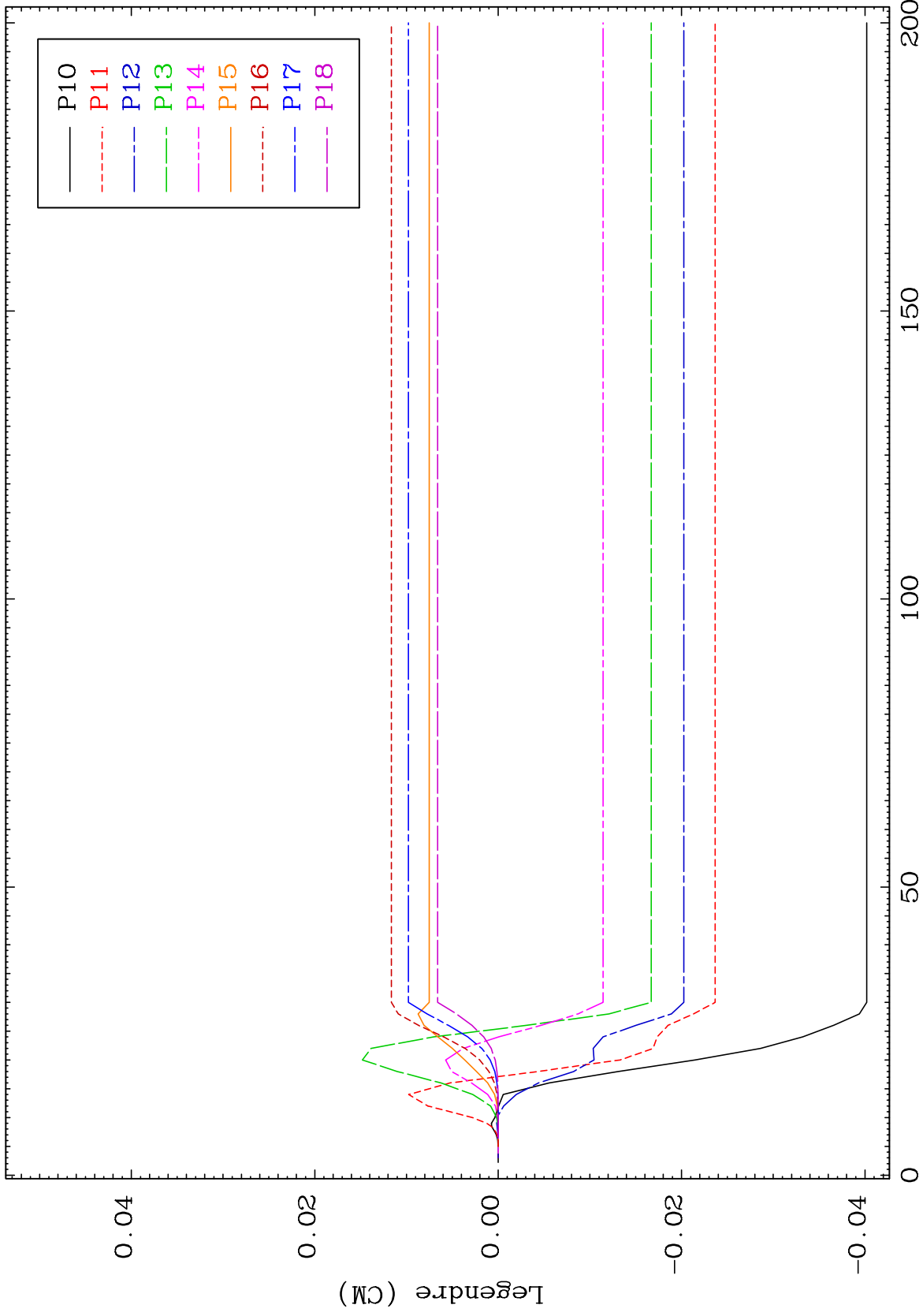
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41-Nb-93

MAT 4125

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

41-Nb-93



54

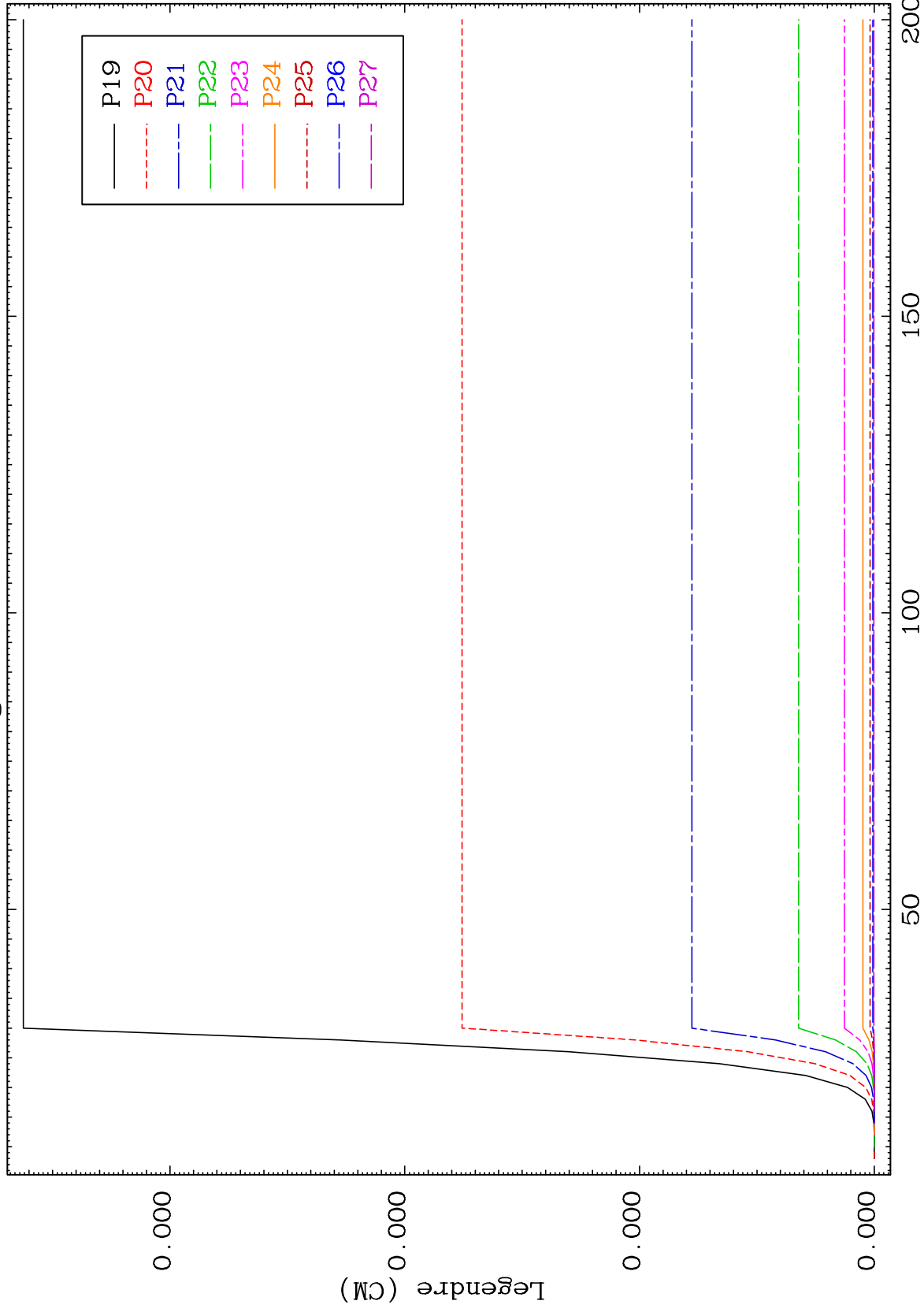
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



55

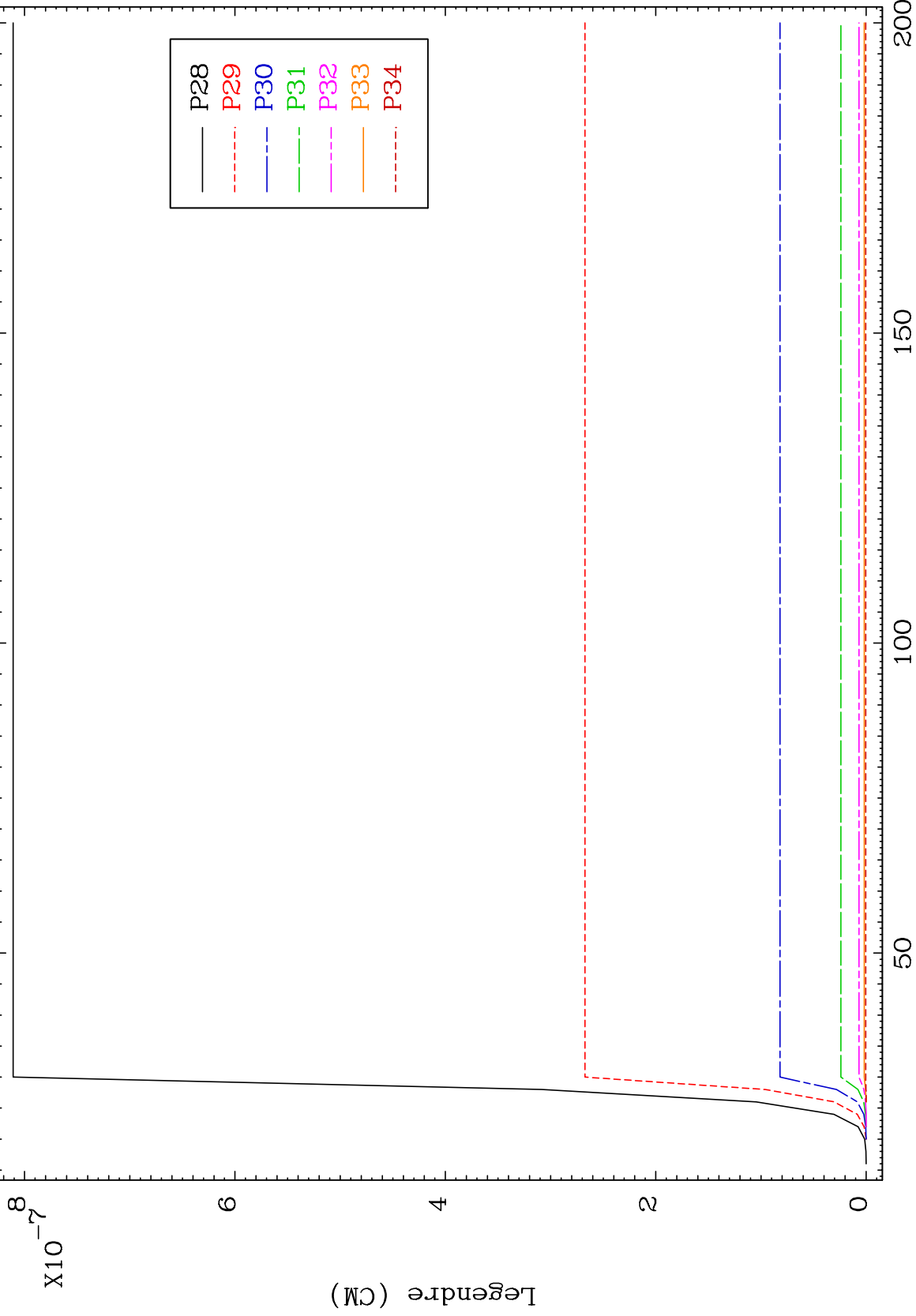
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



56

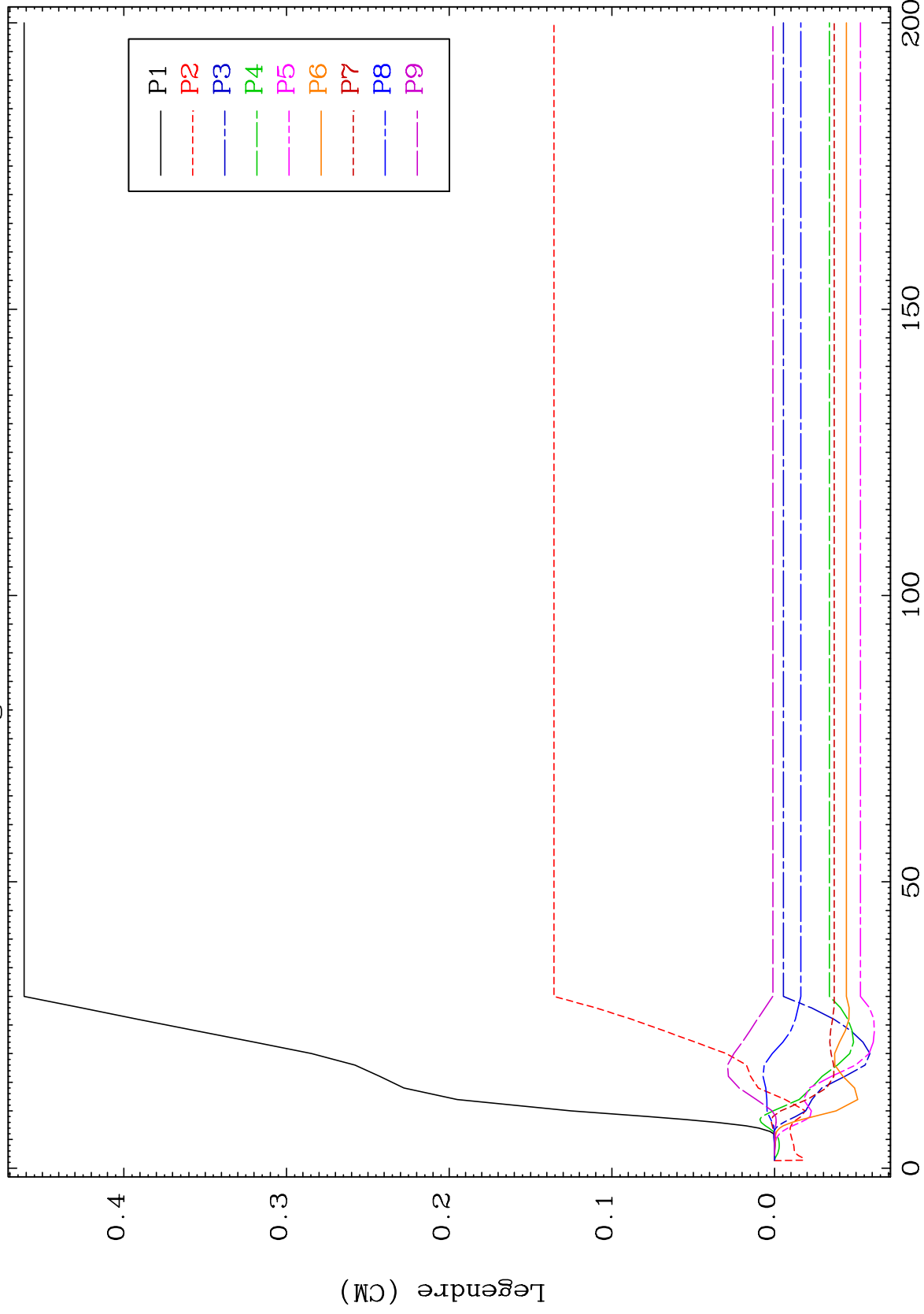
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



57

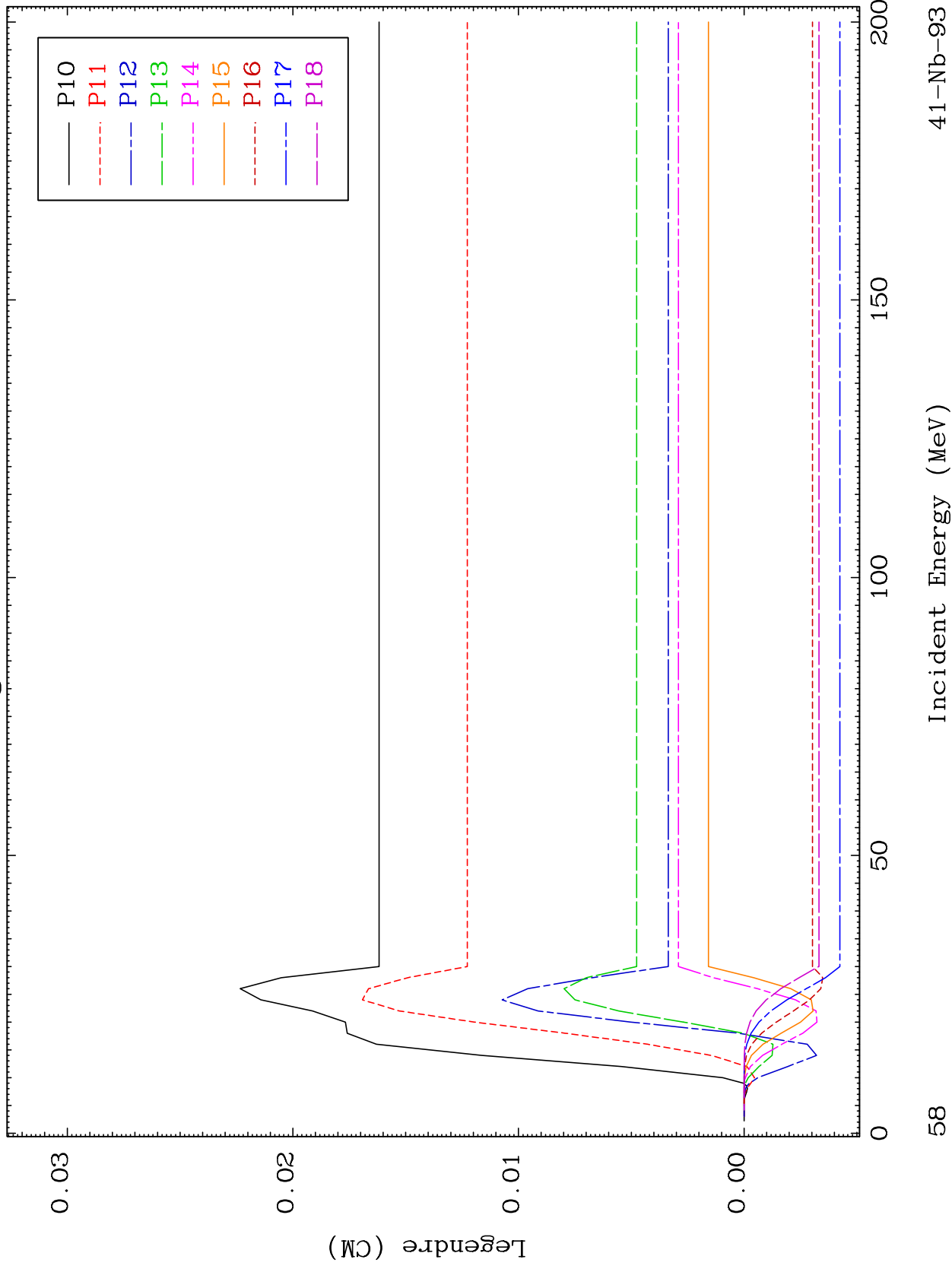
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

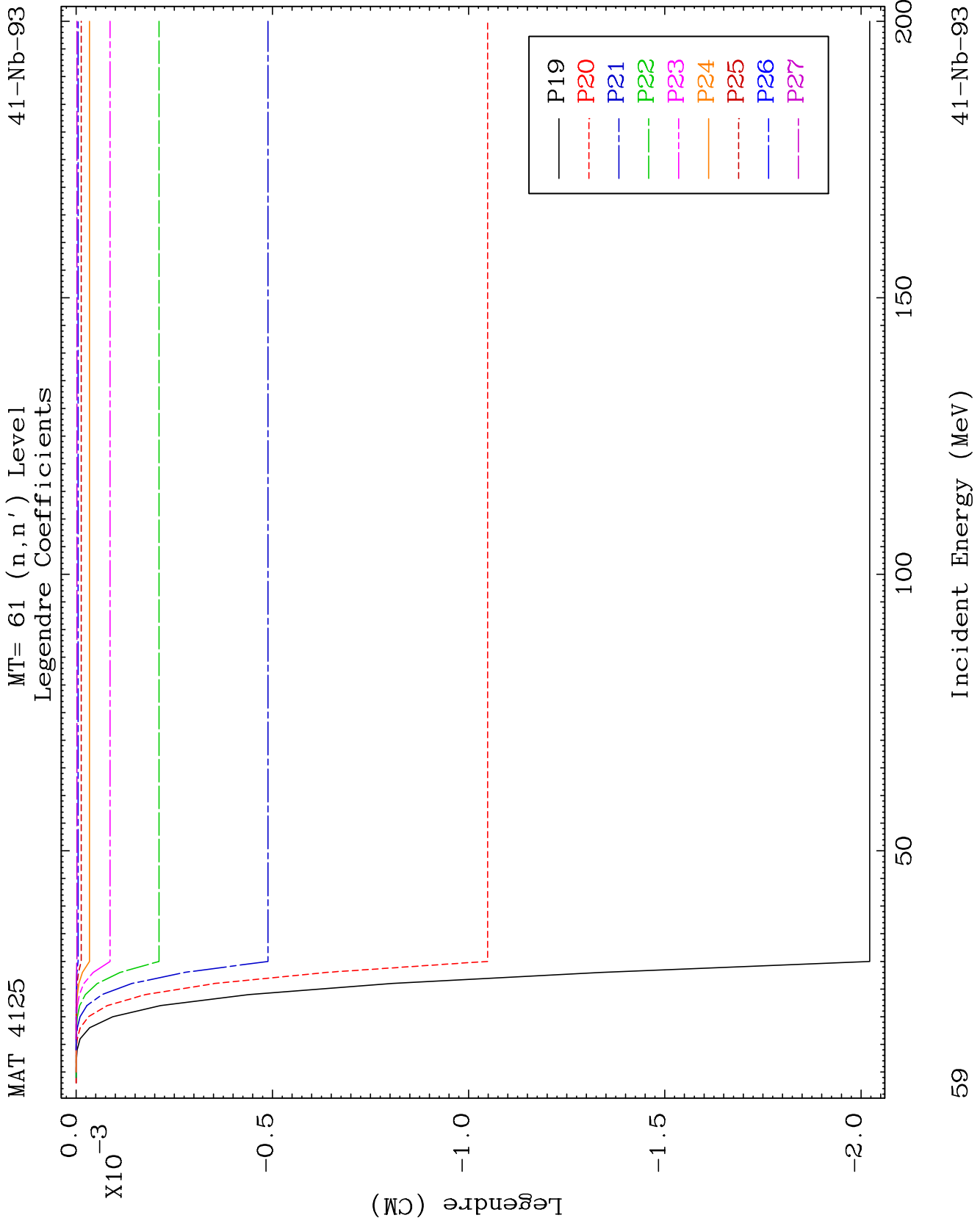
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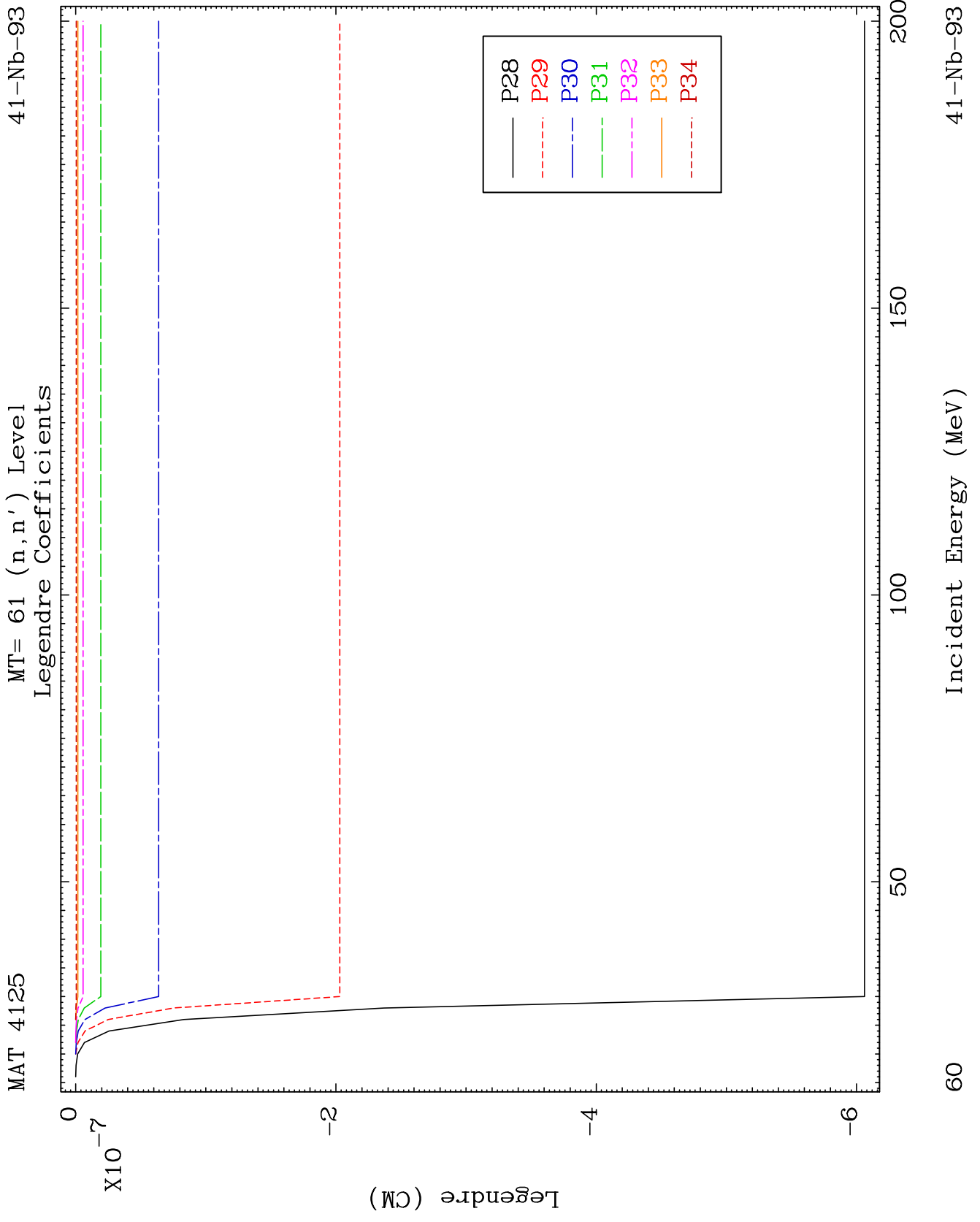


58

Incident Energy (MeV)

41-Nb-93

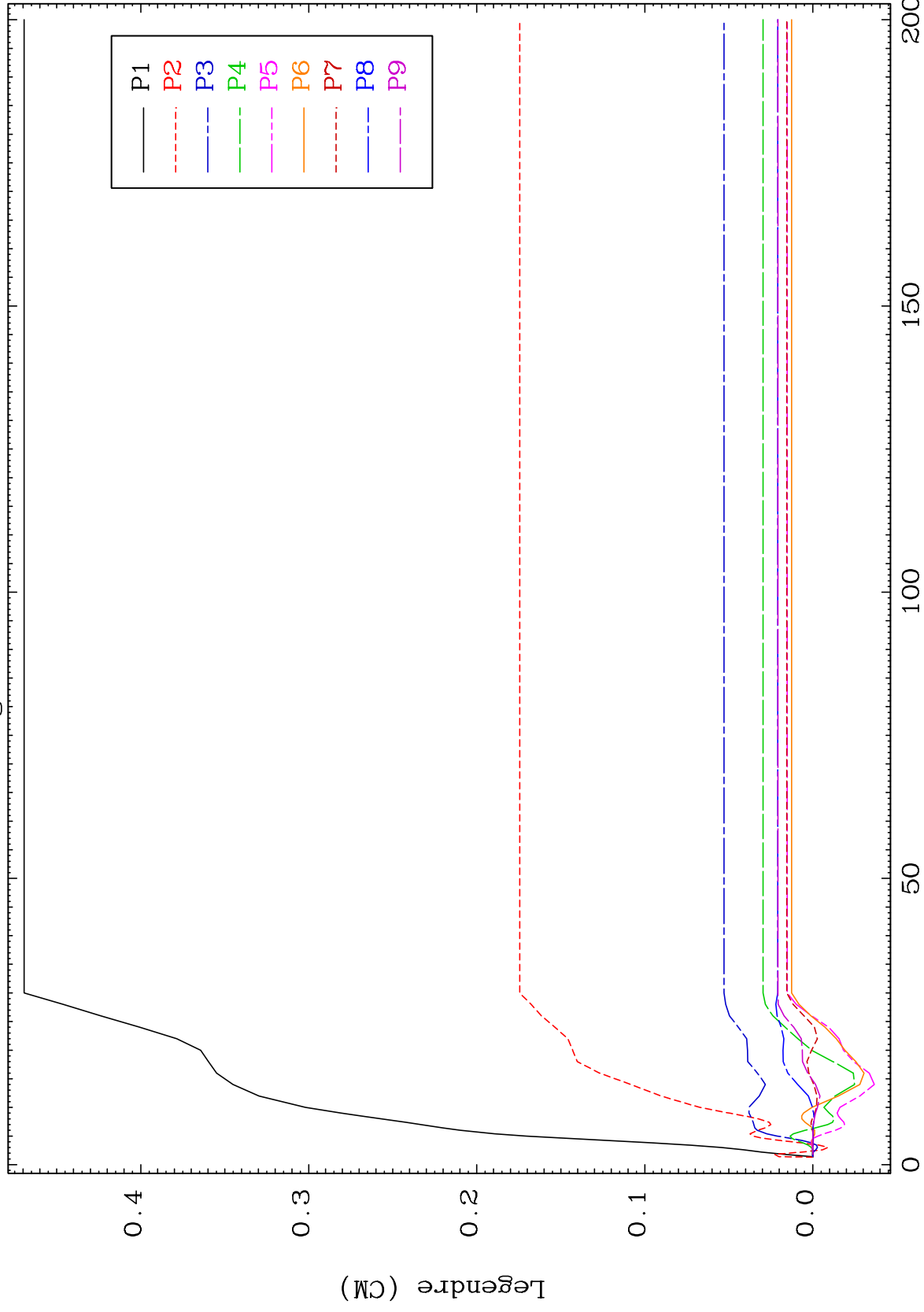




MAT 4125

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

41-Nb-93



61

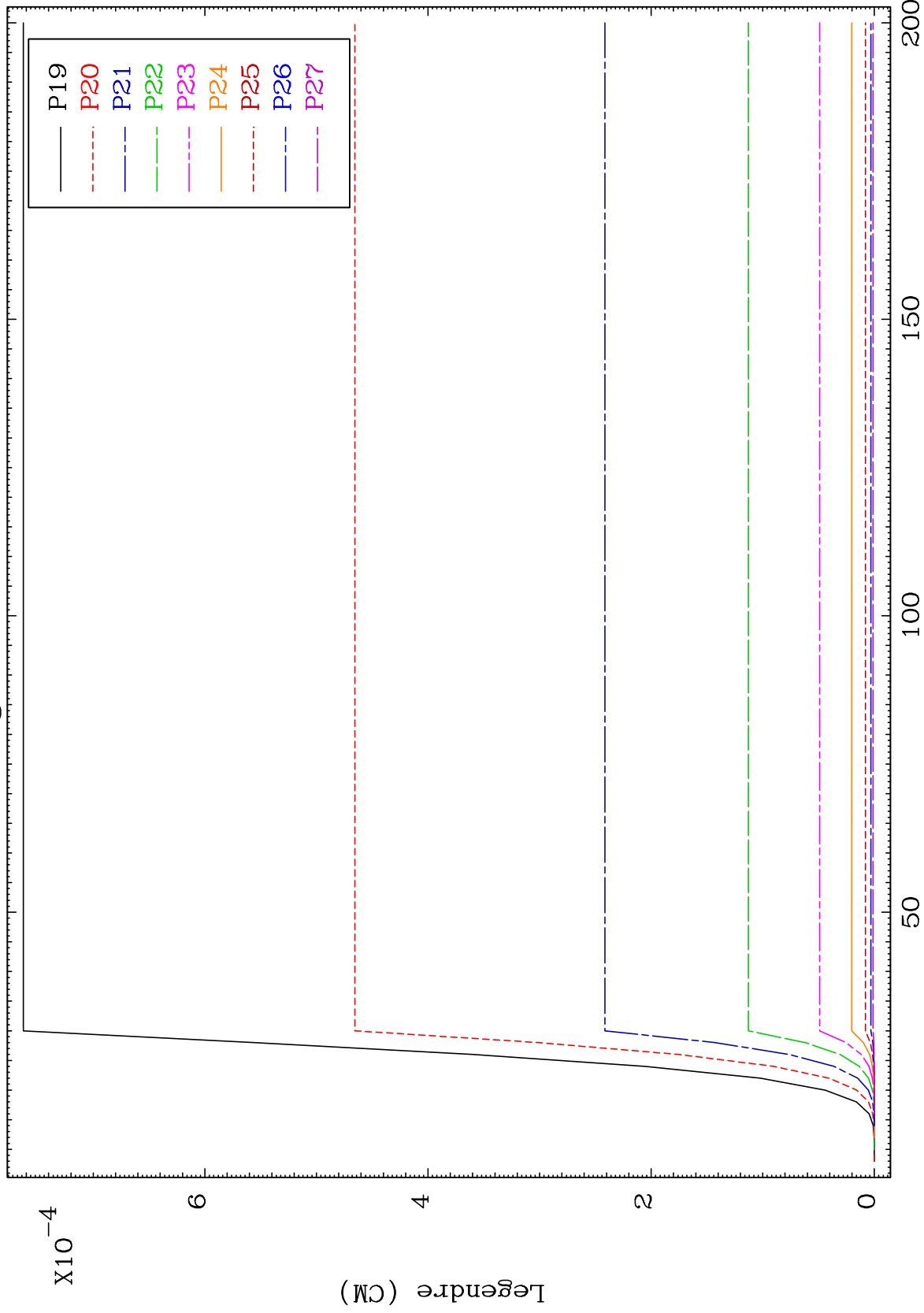
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



63

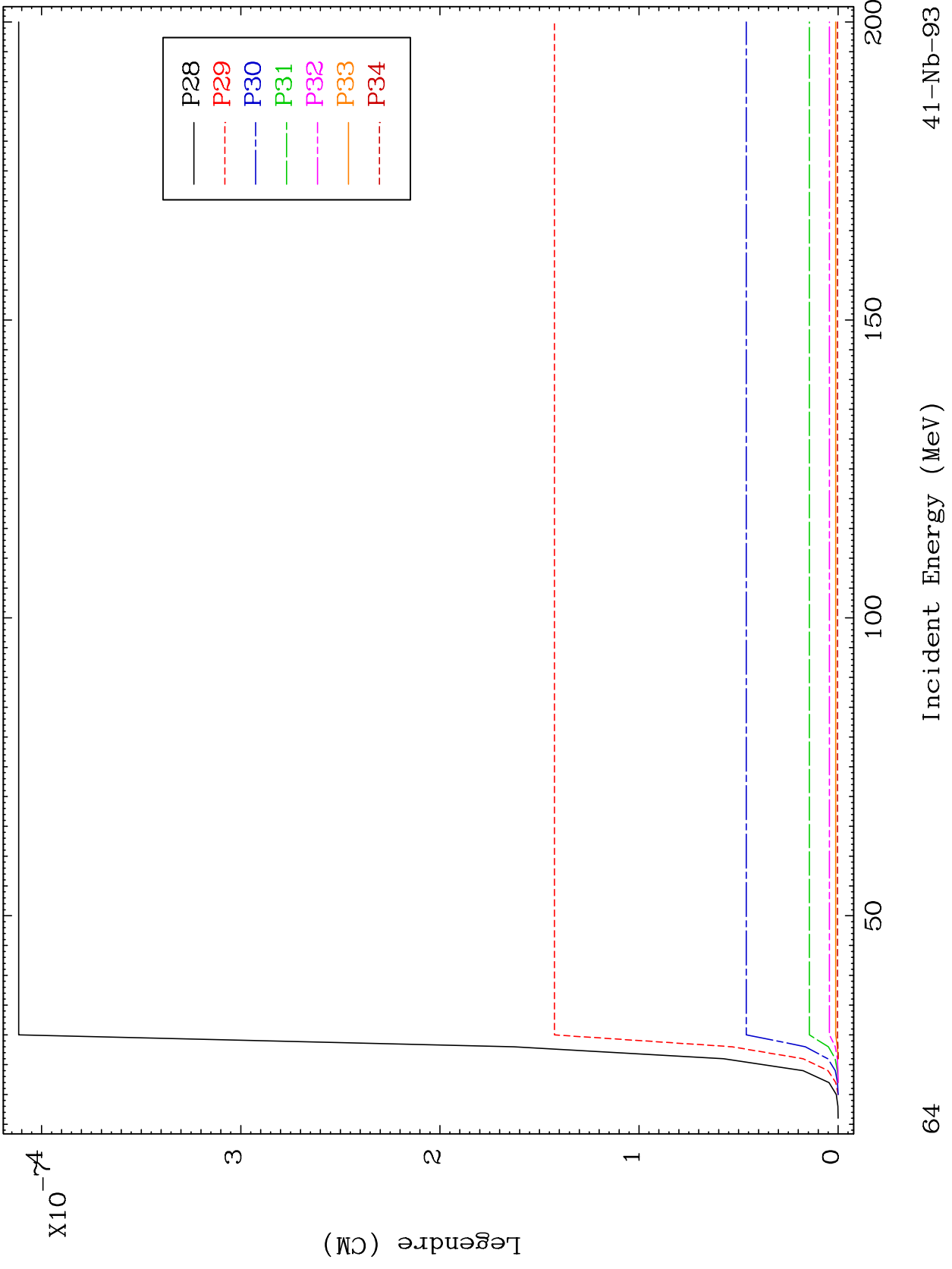
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



64

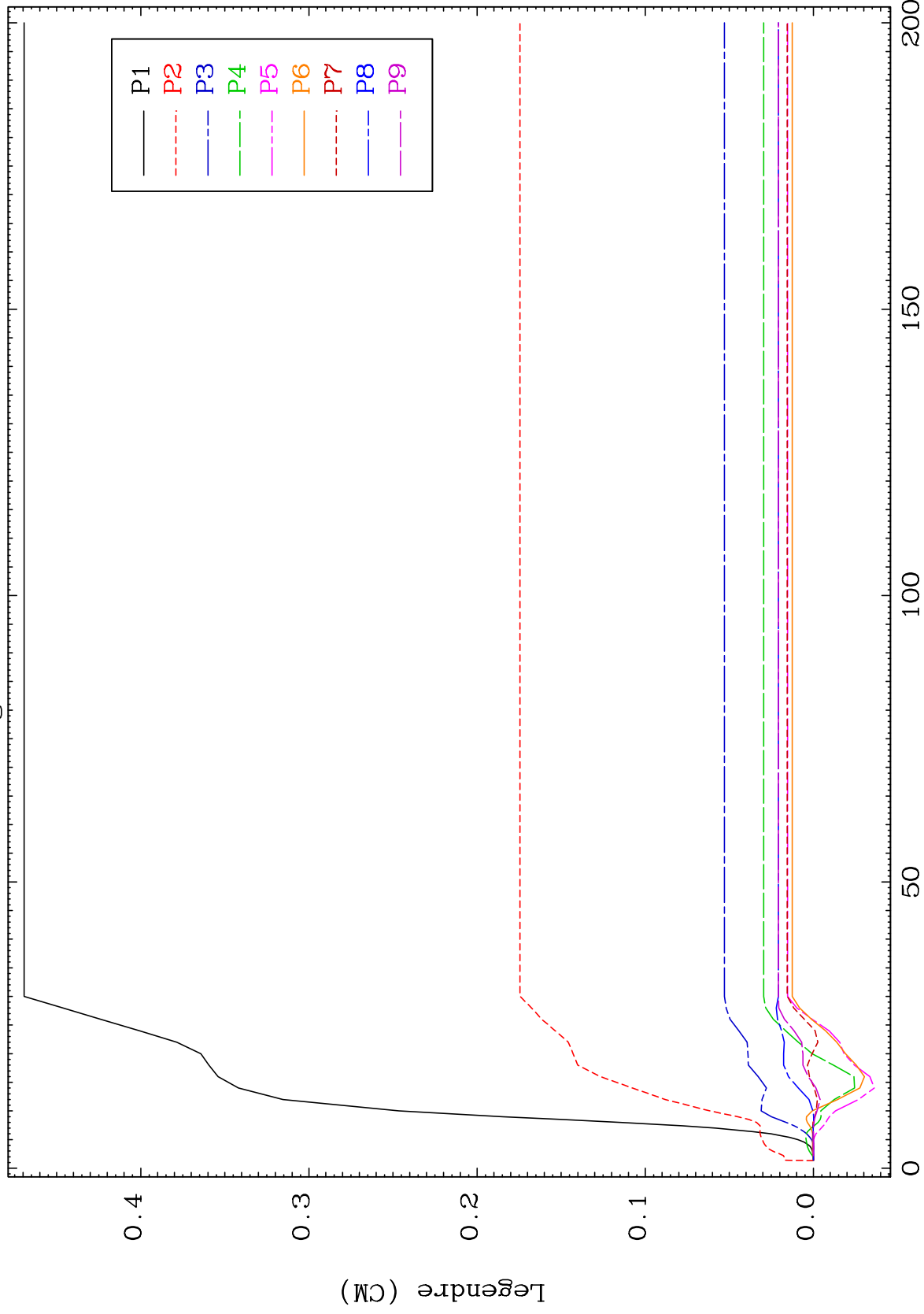
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



41-Nb-93

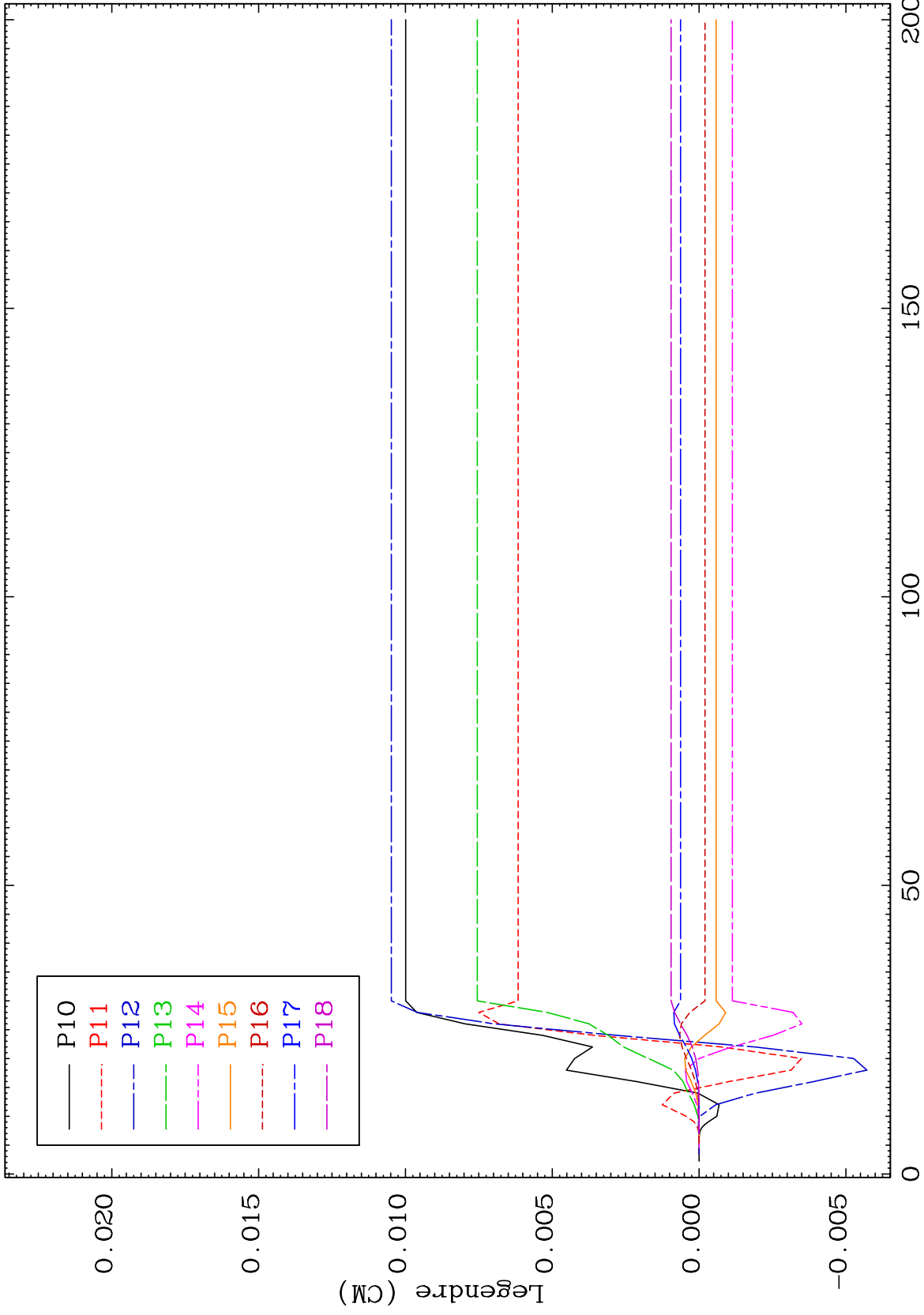
Incident Energy (MeV)

65

MAT 4125

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

41-Nb-93



66

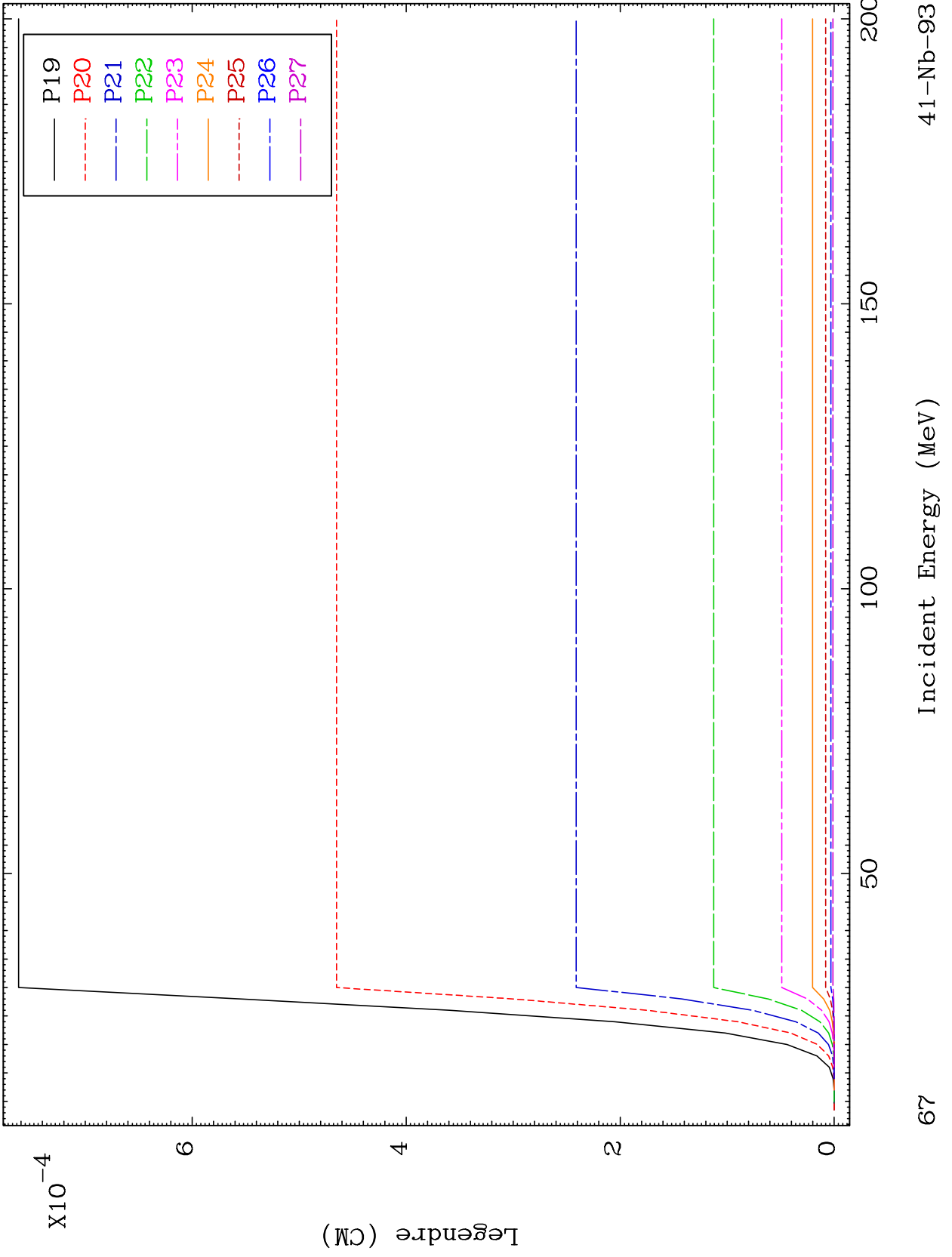
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

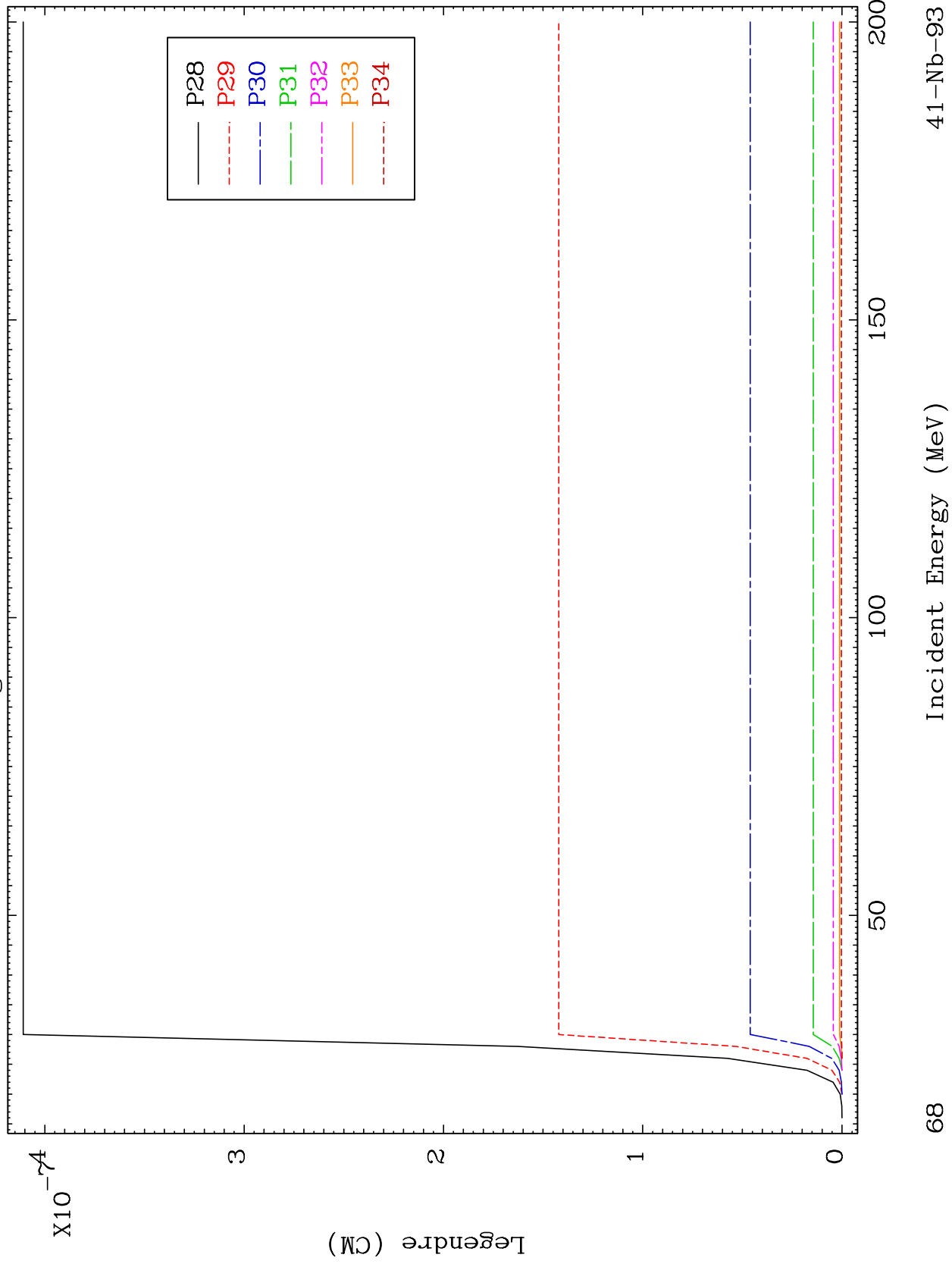
41-Nb-93



MAT 4125

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

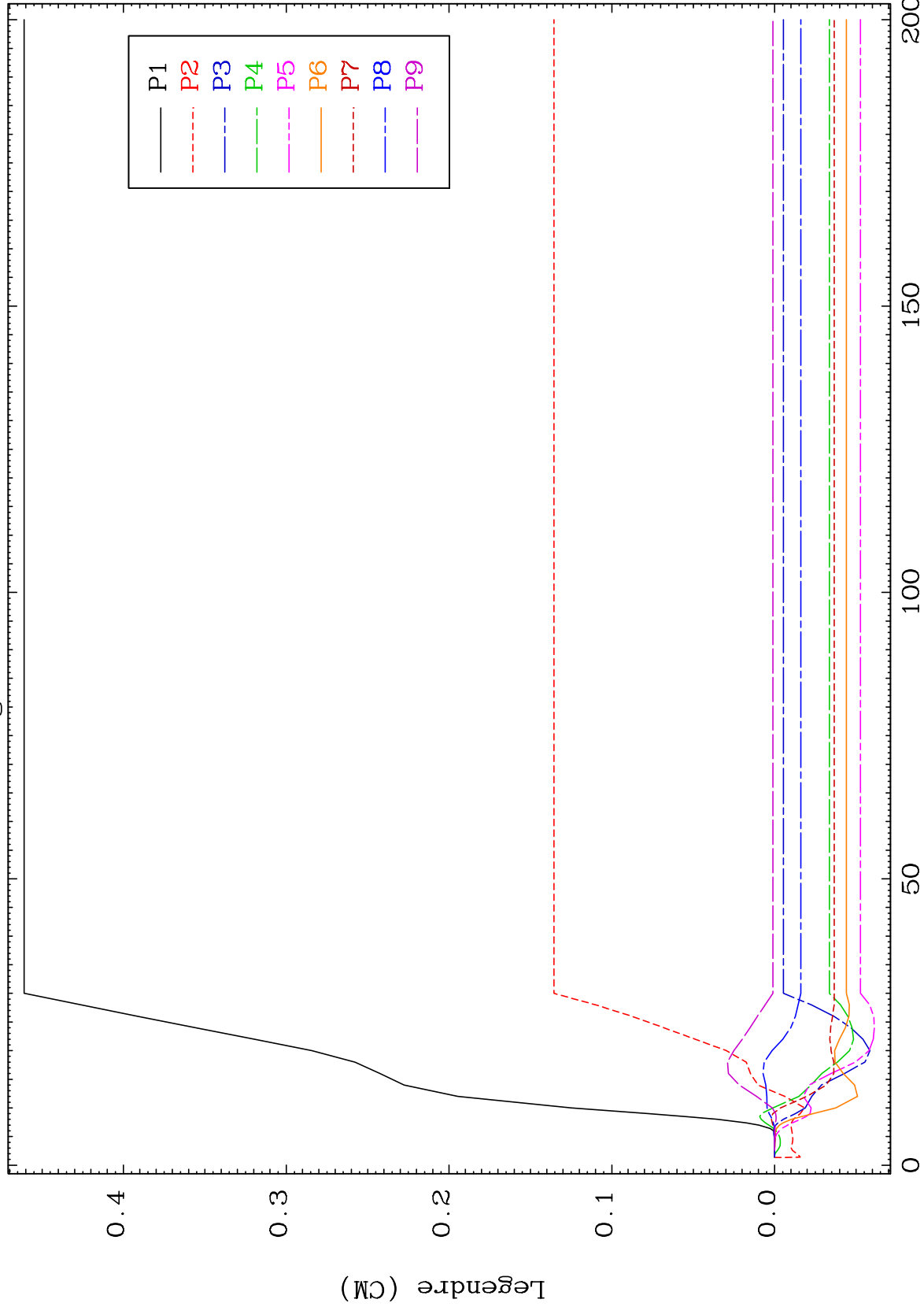
41-Nb-93



MAT 4125

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

41-Nb-93



69

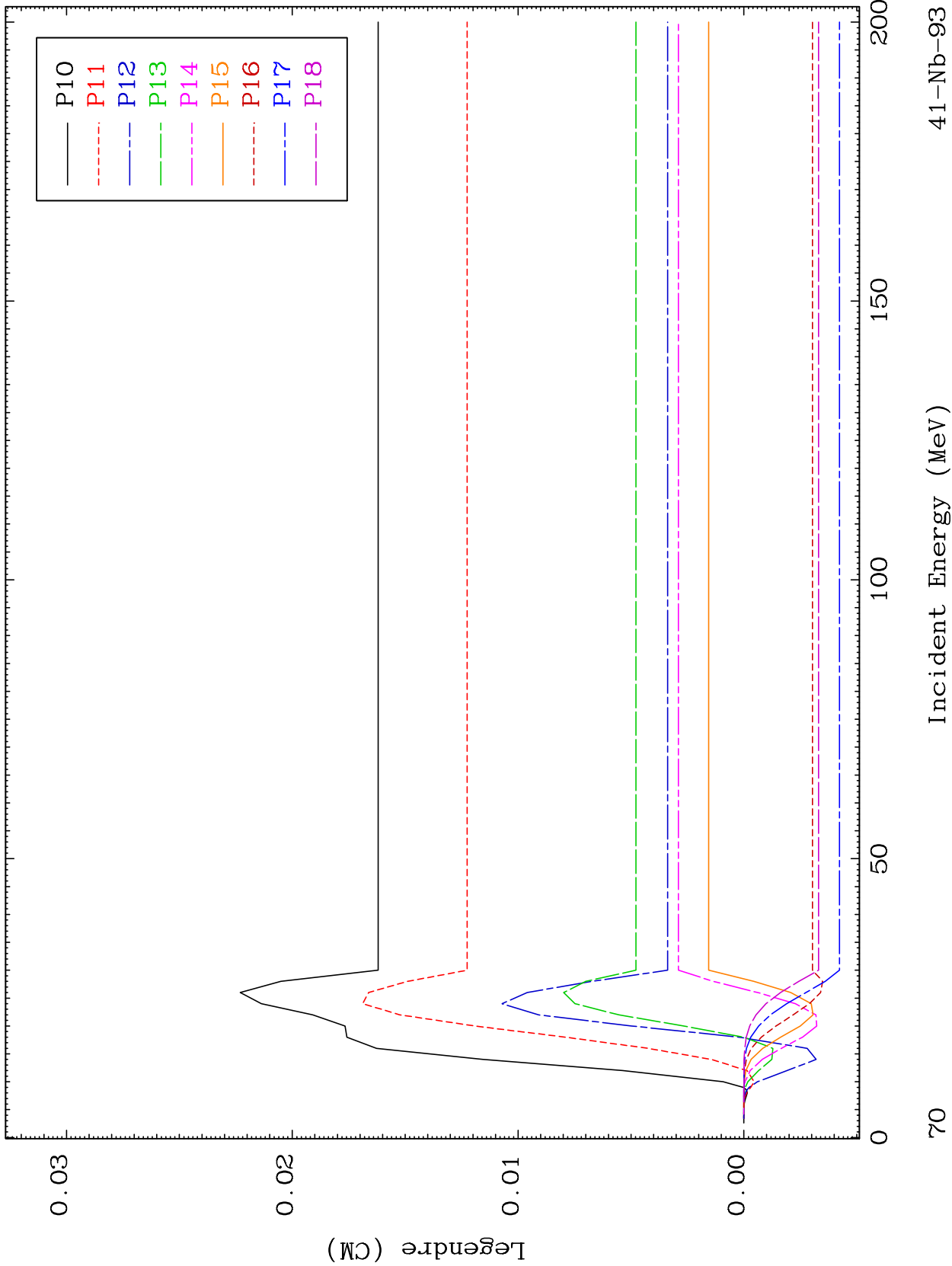
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

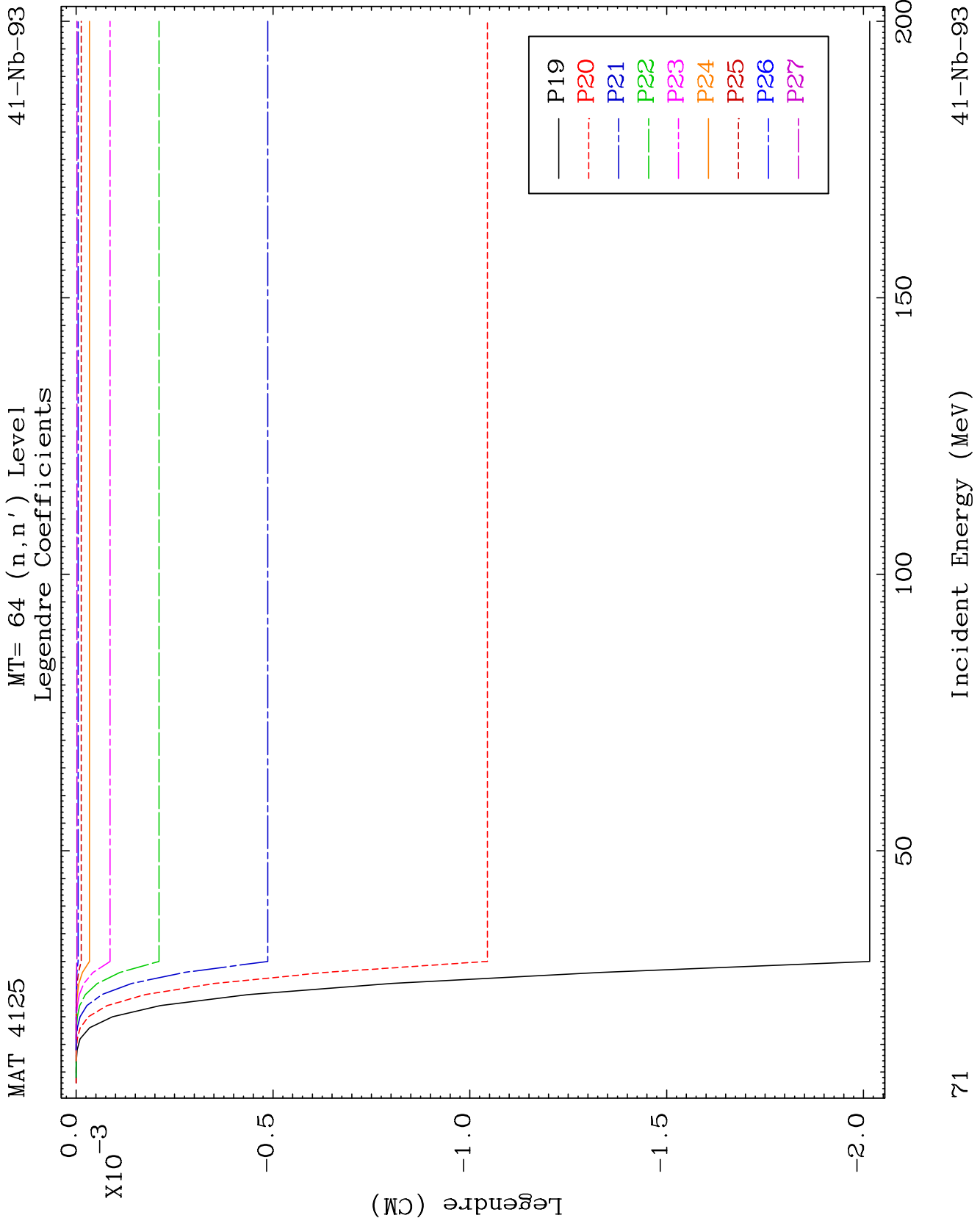
41-Nb-93



41-Nb-93

Incident Energy (MeV)

70

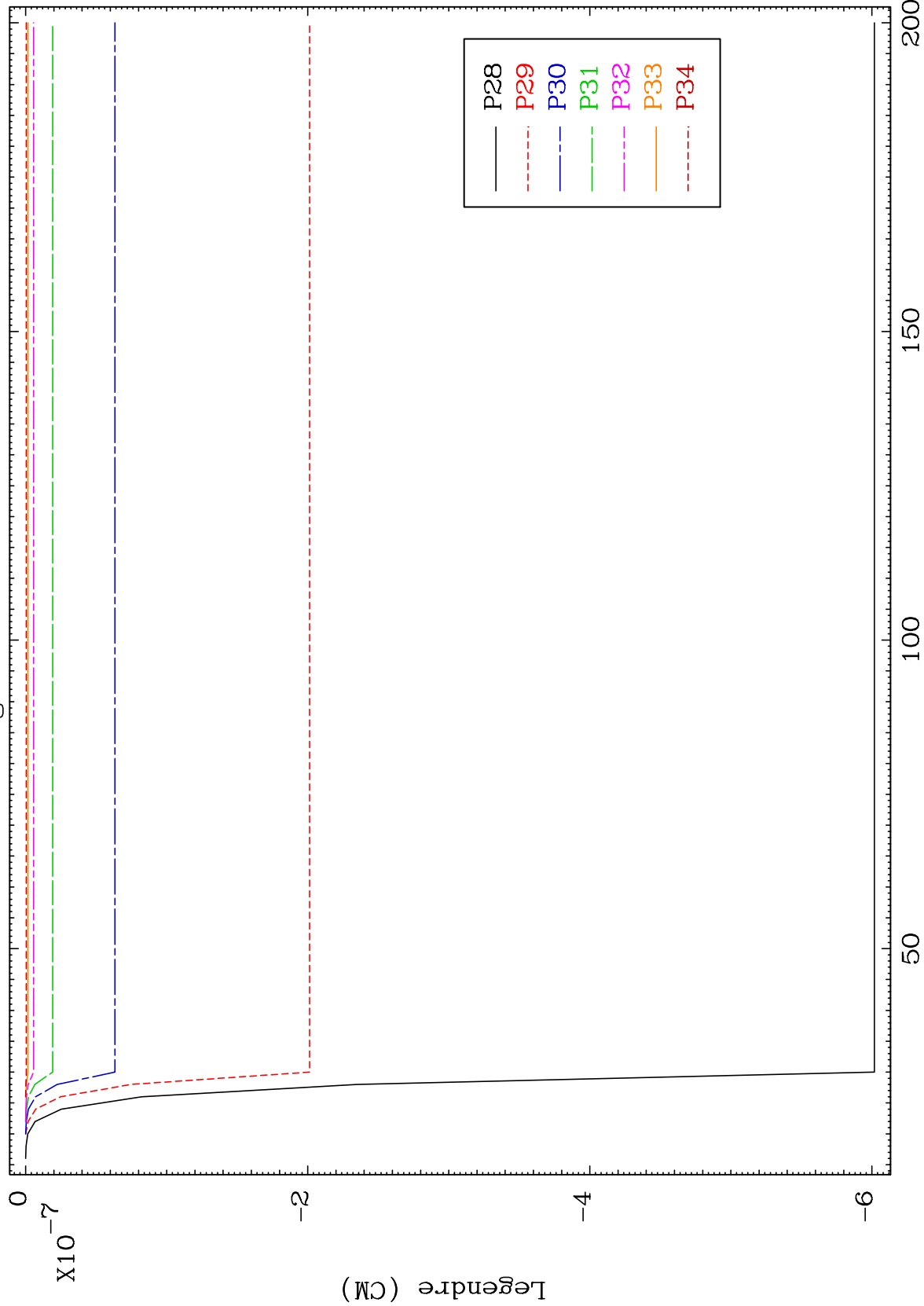


MAT 4125

MT= 64 (n,n') Level

41-Nb-93

Legendre Coefficients



72

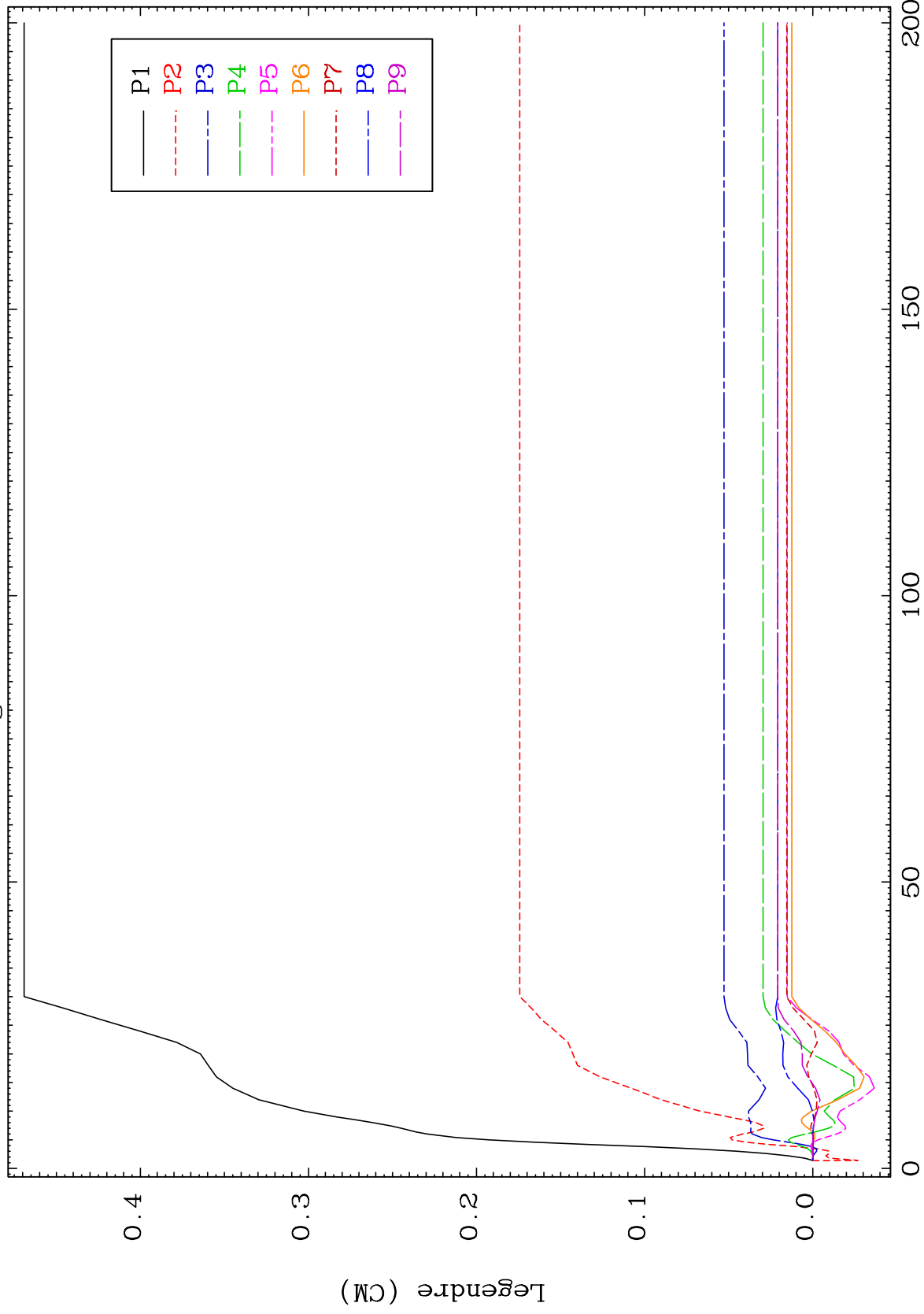
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



73

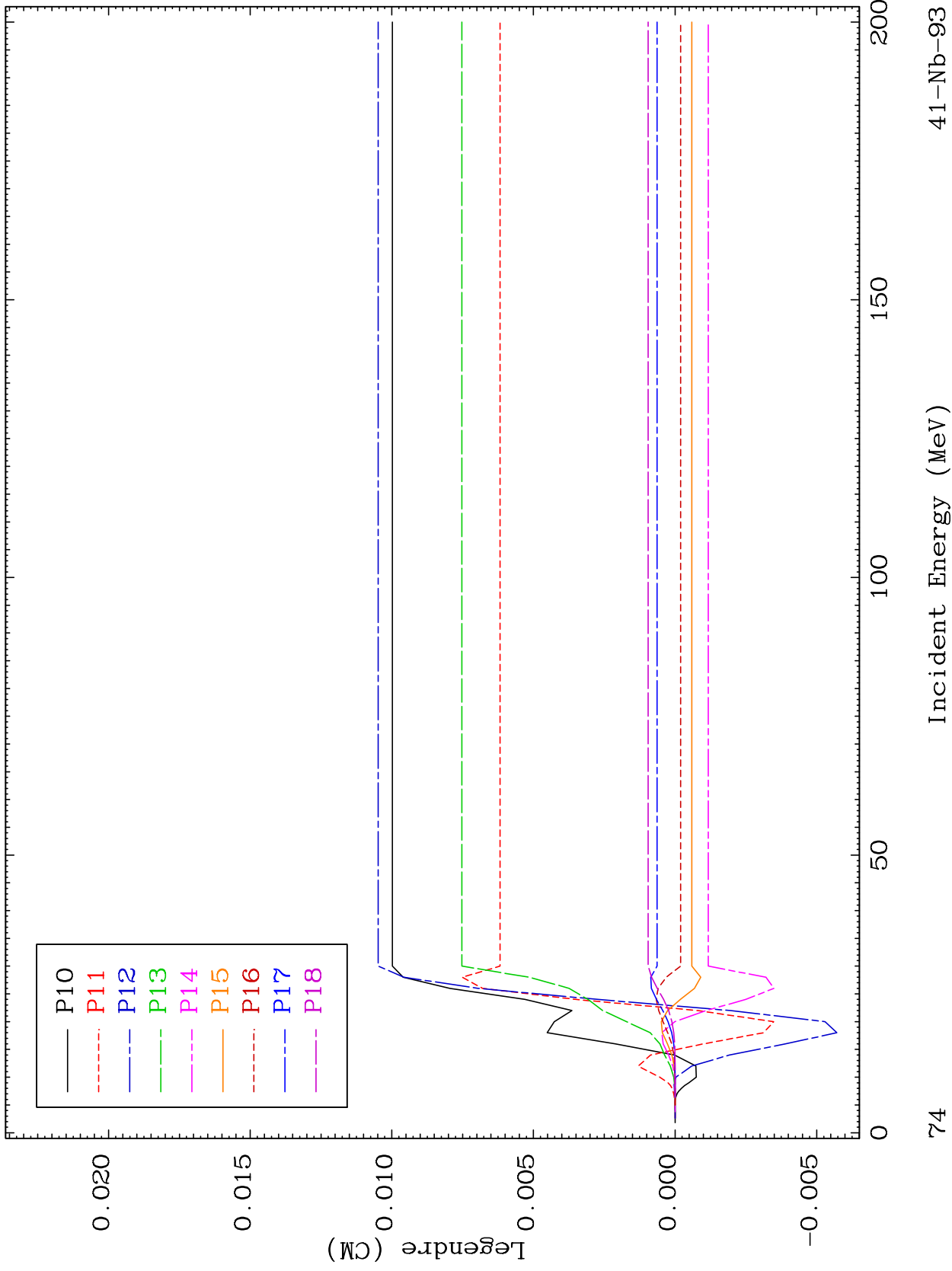
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



74

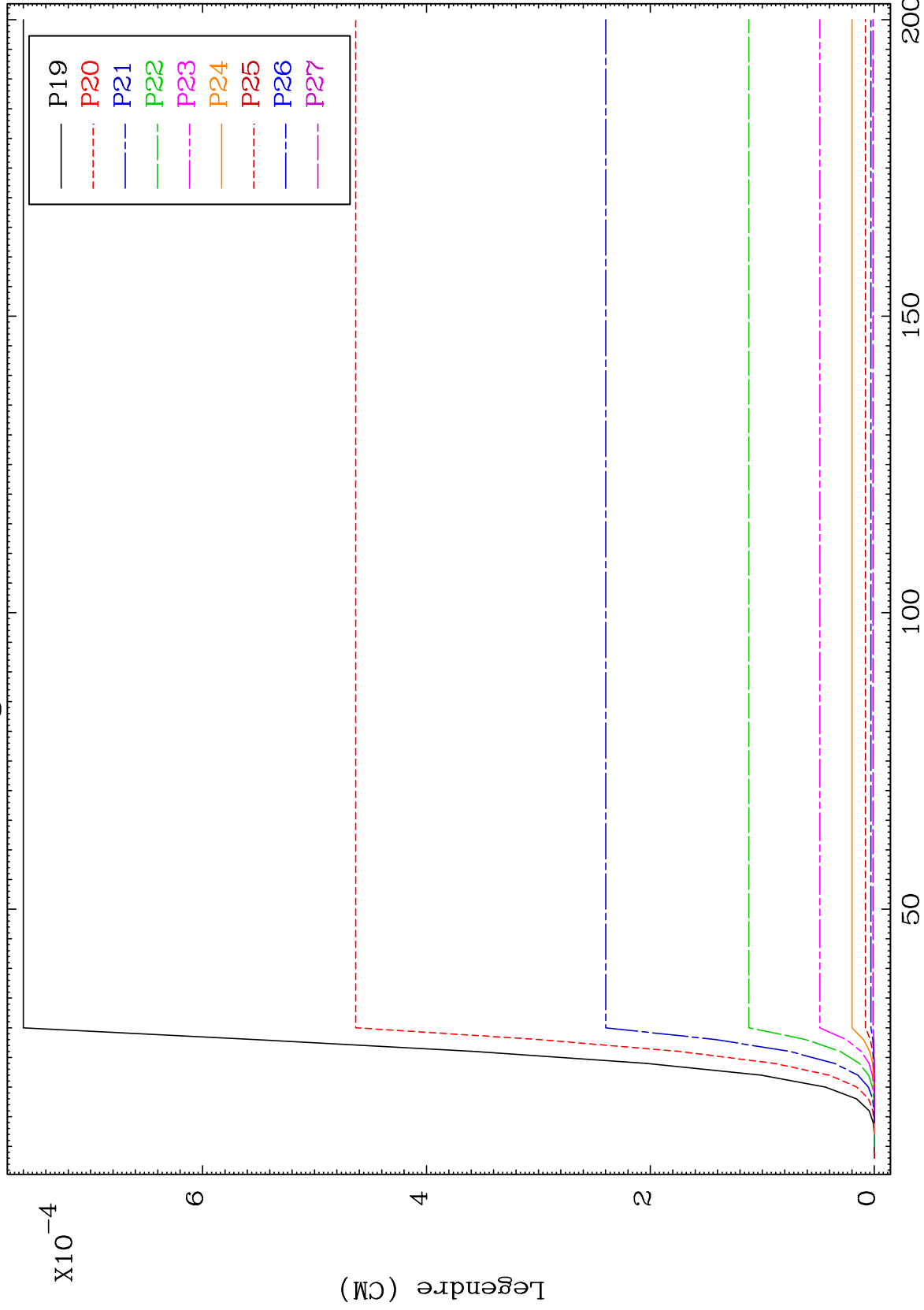
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



75

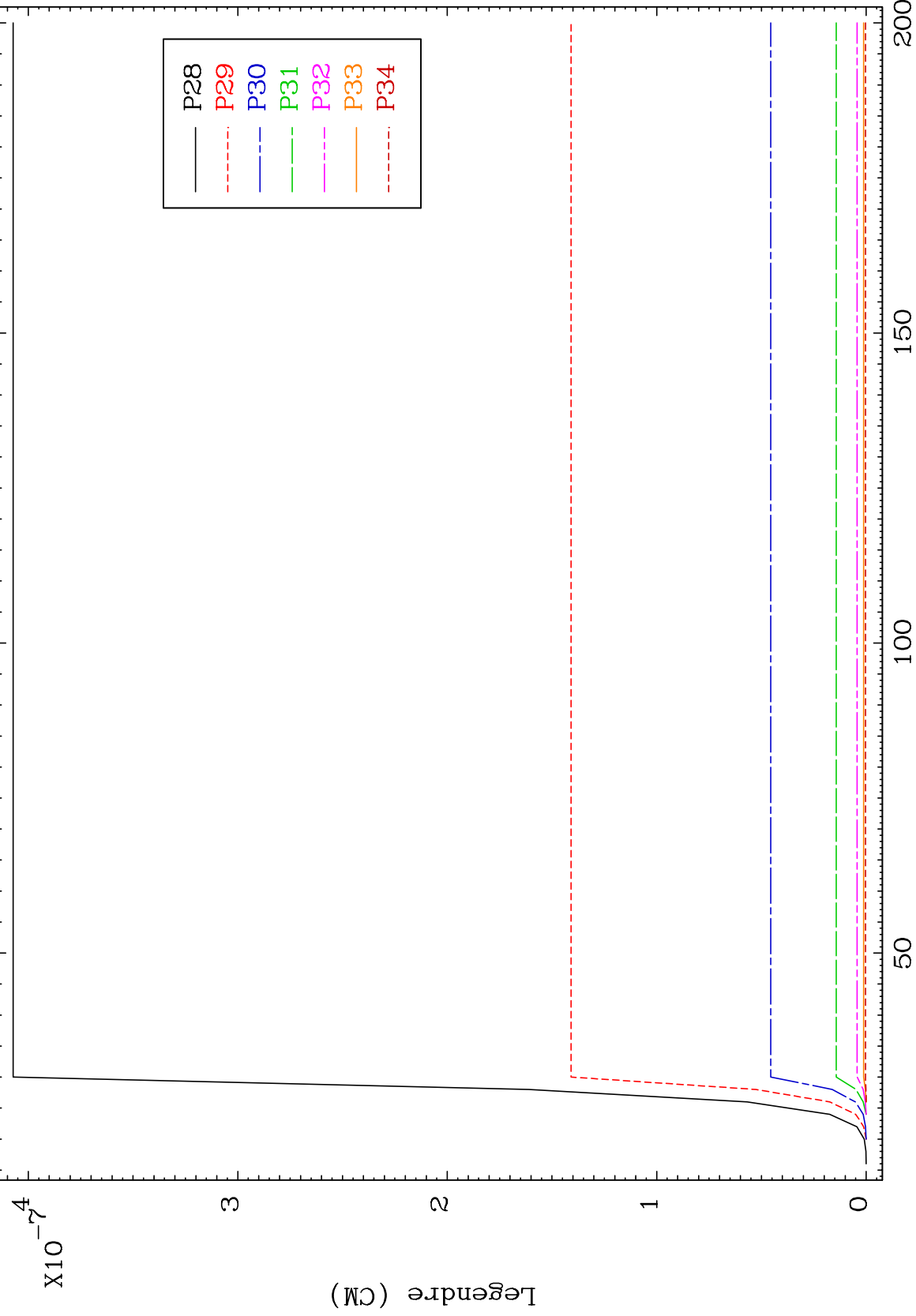
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



76

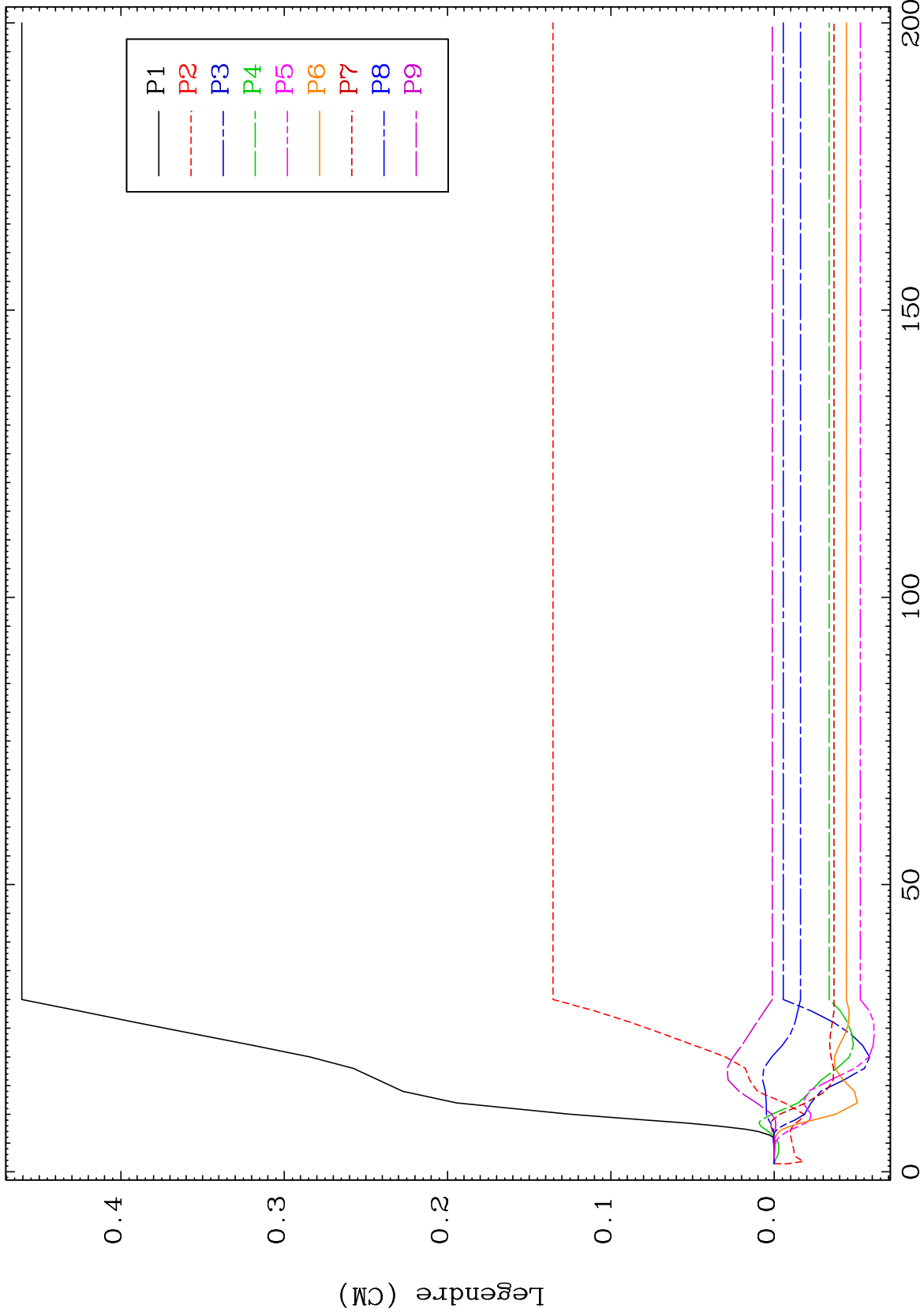
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



77

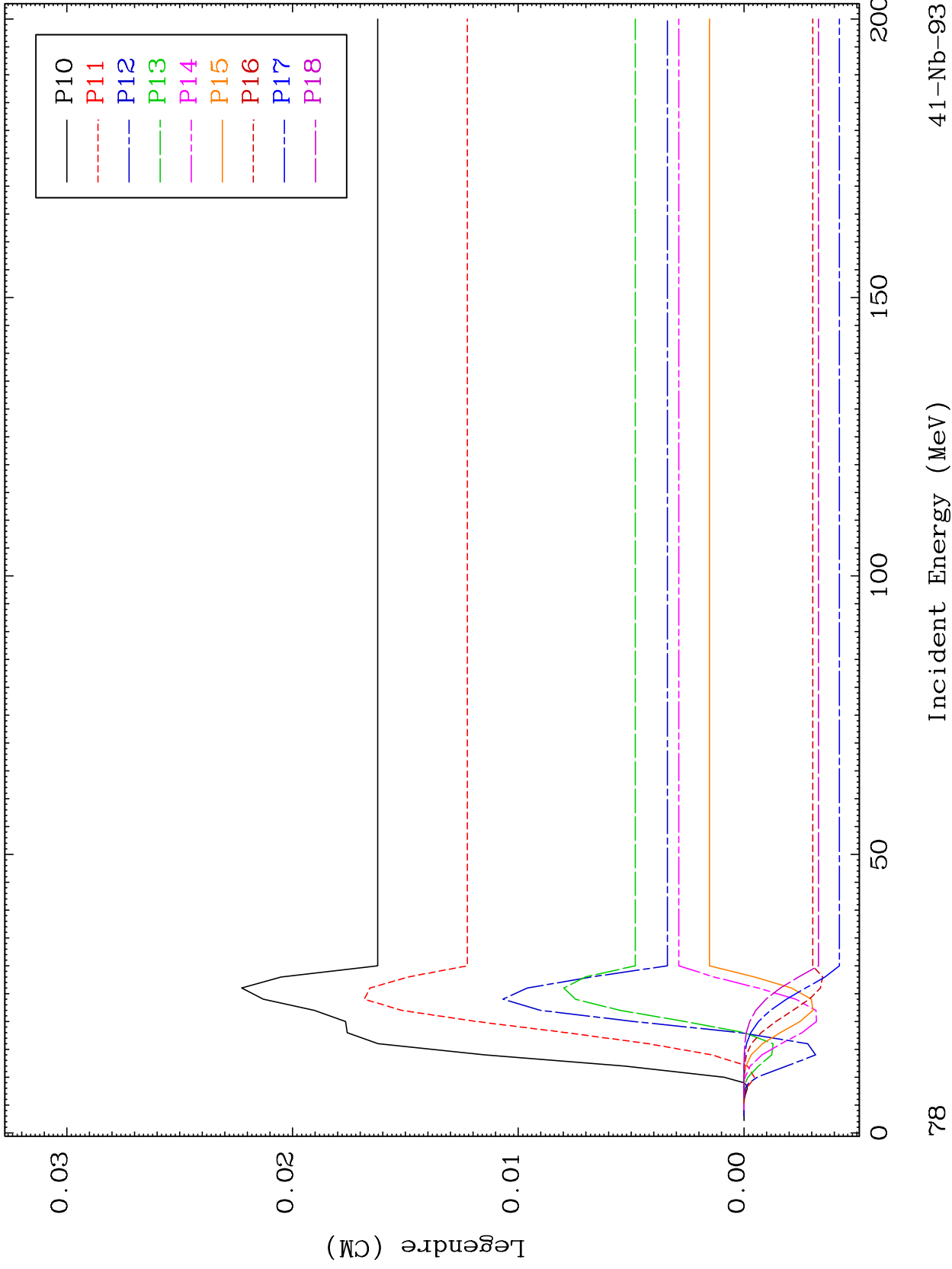
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

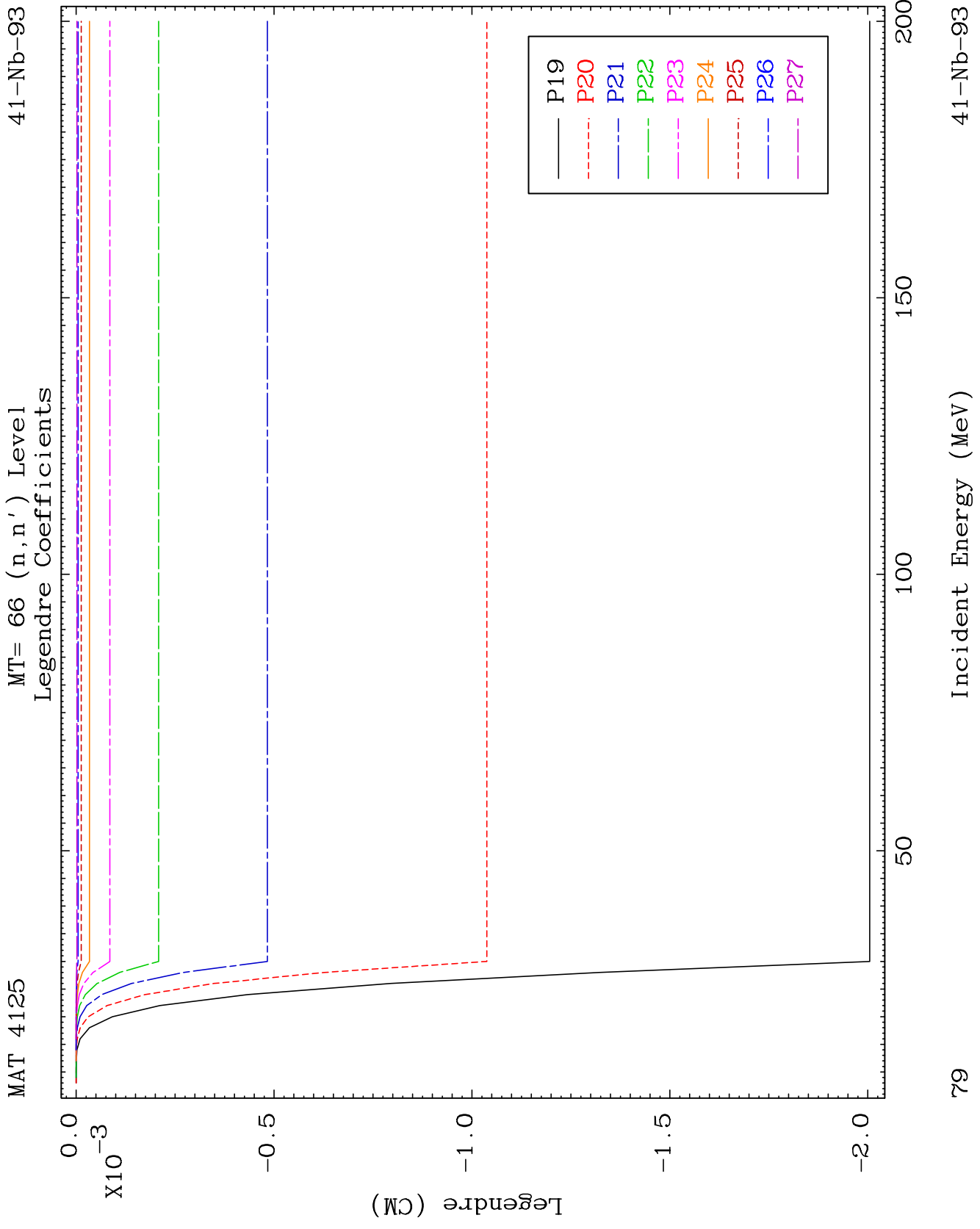
41-Nb-93



78

Incident Energy (MeV)

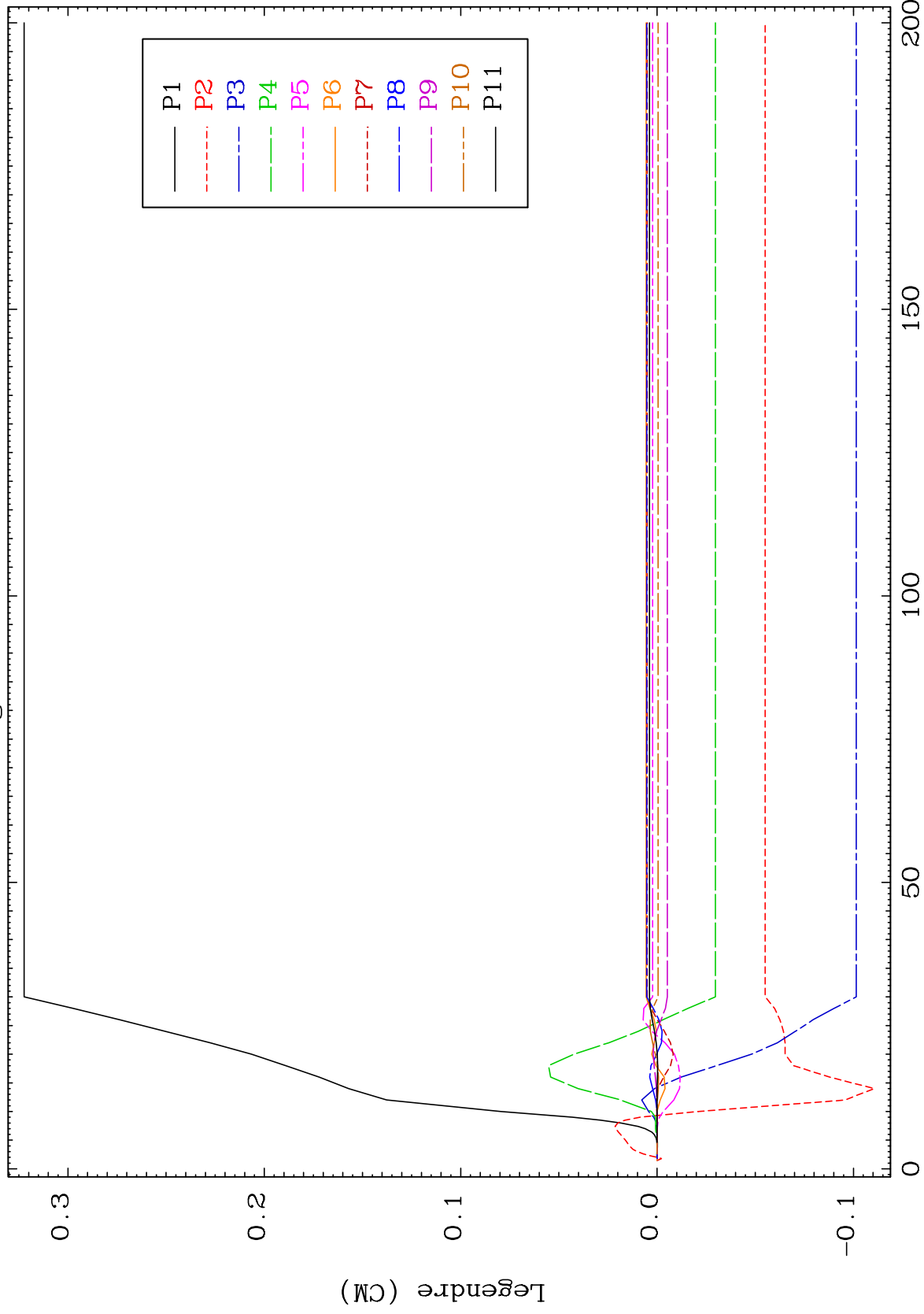
41-Nb-93



MAT 4125

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

41-Nb-93



81

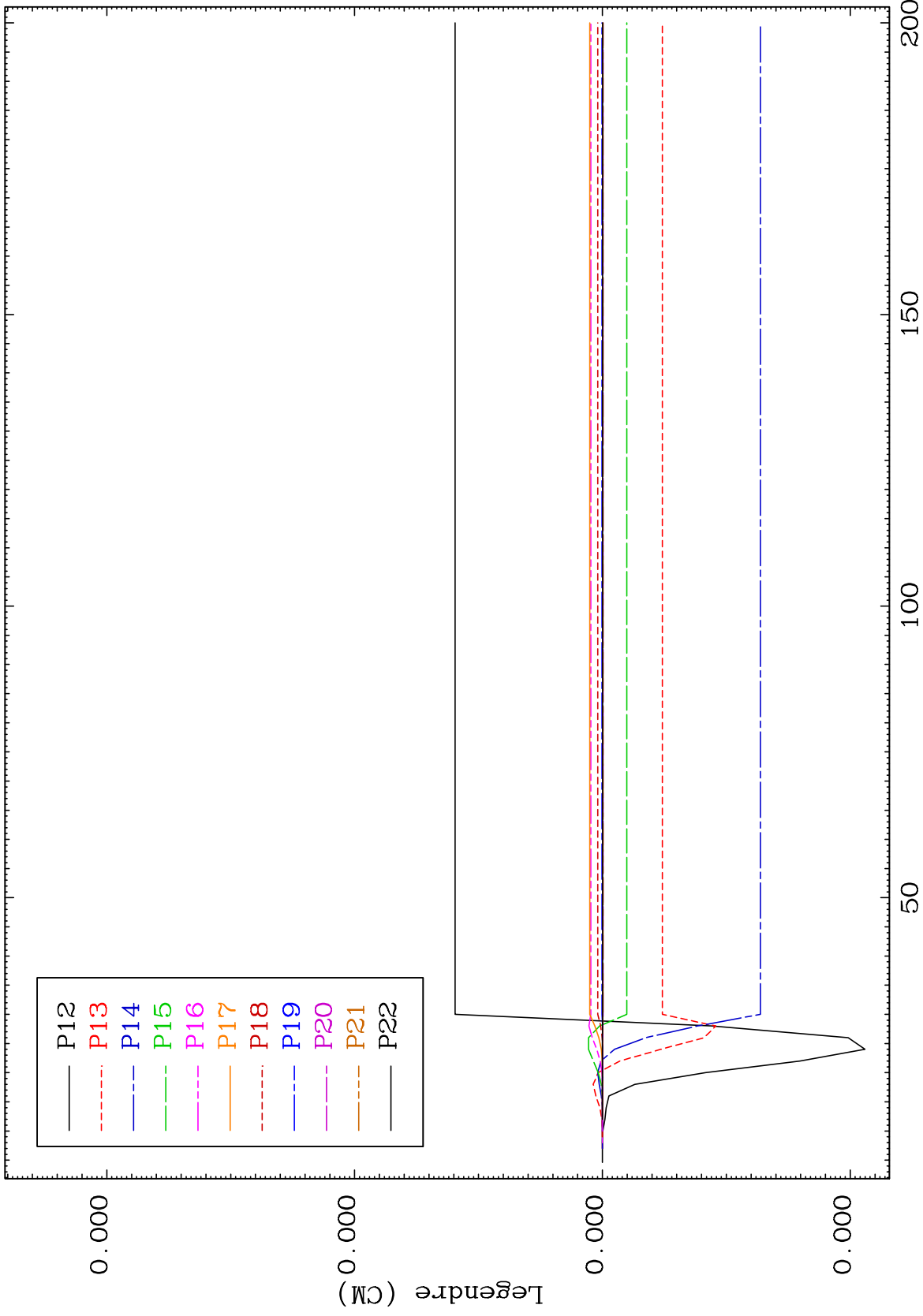
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



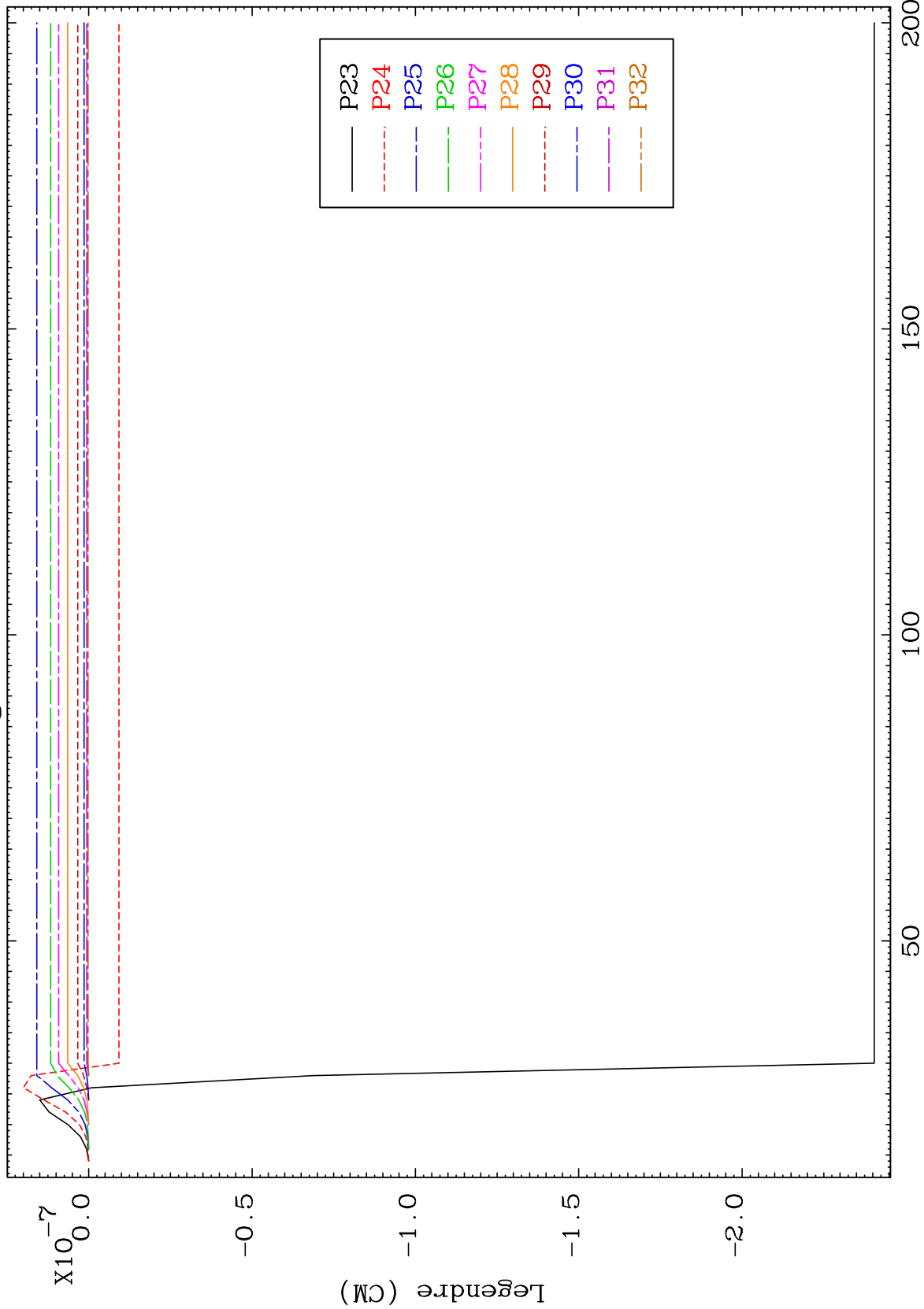
82

41-Nb-93

MAT 4125

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

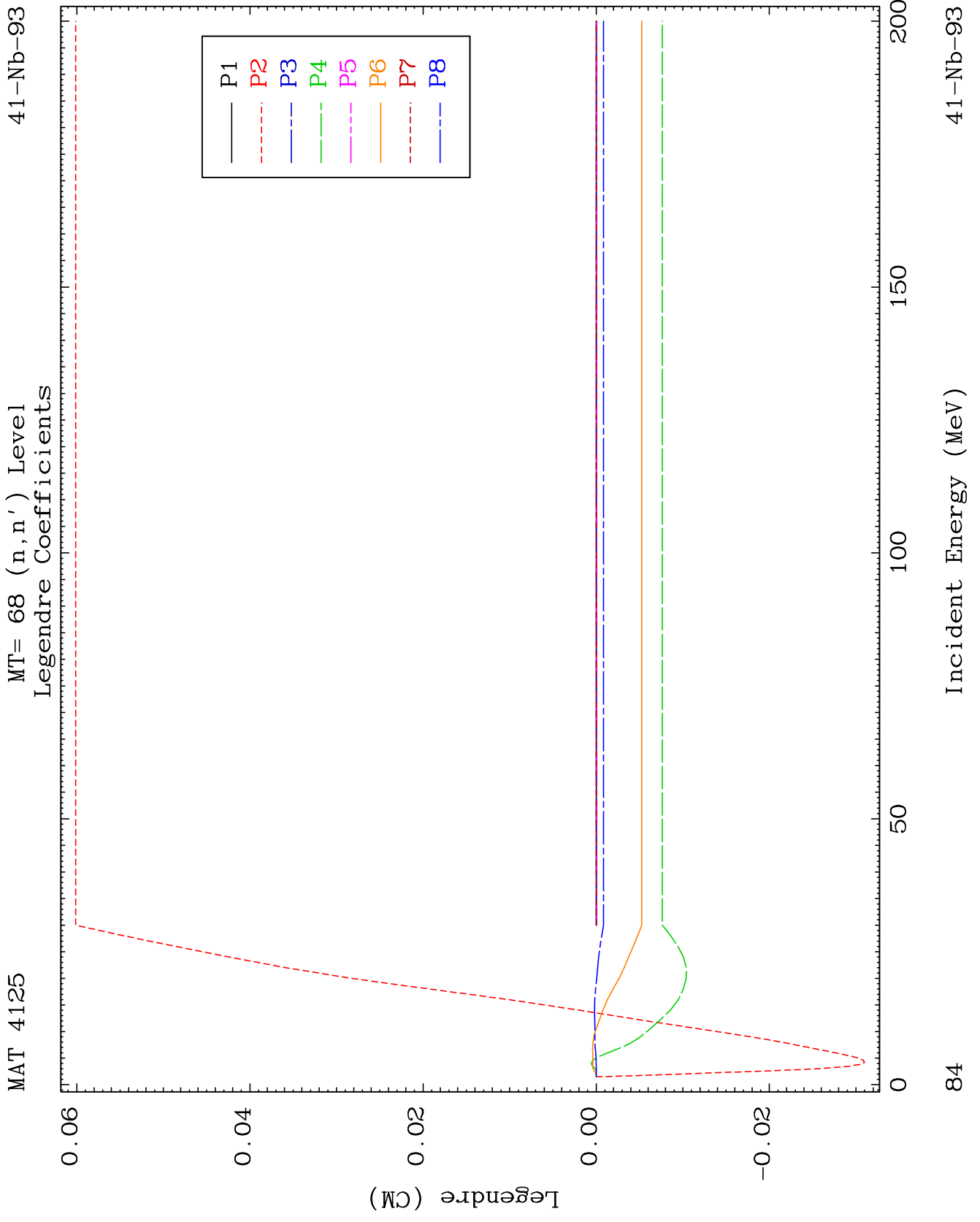
41-Nb-93



83

Incident Energy (MeV)

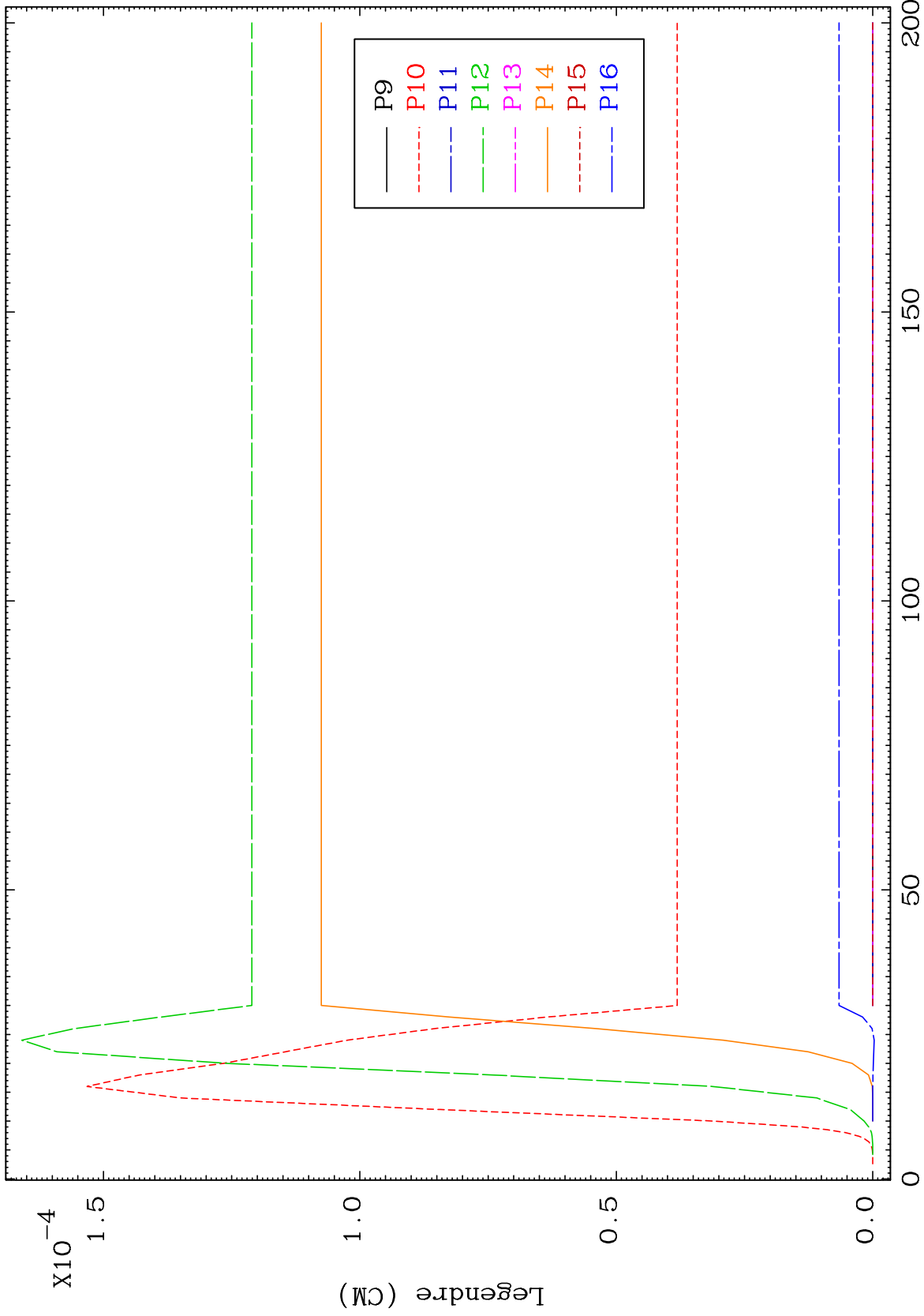
41-Nb-93



MAT 4125

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

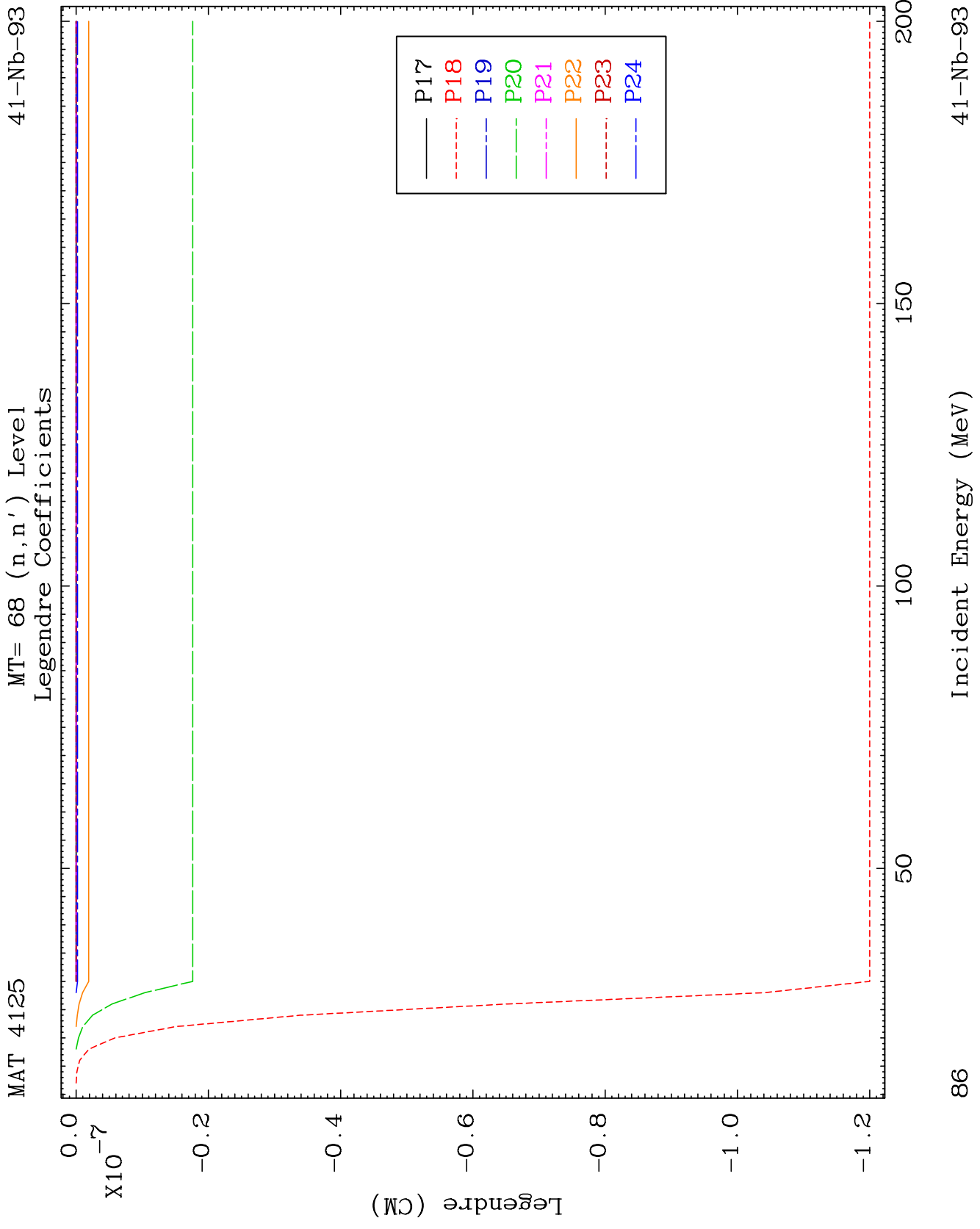
41-Nb-93



85

Incident Energy (MeV)

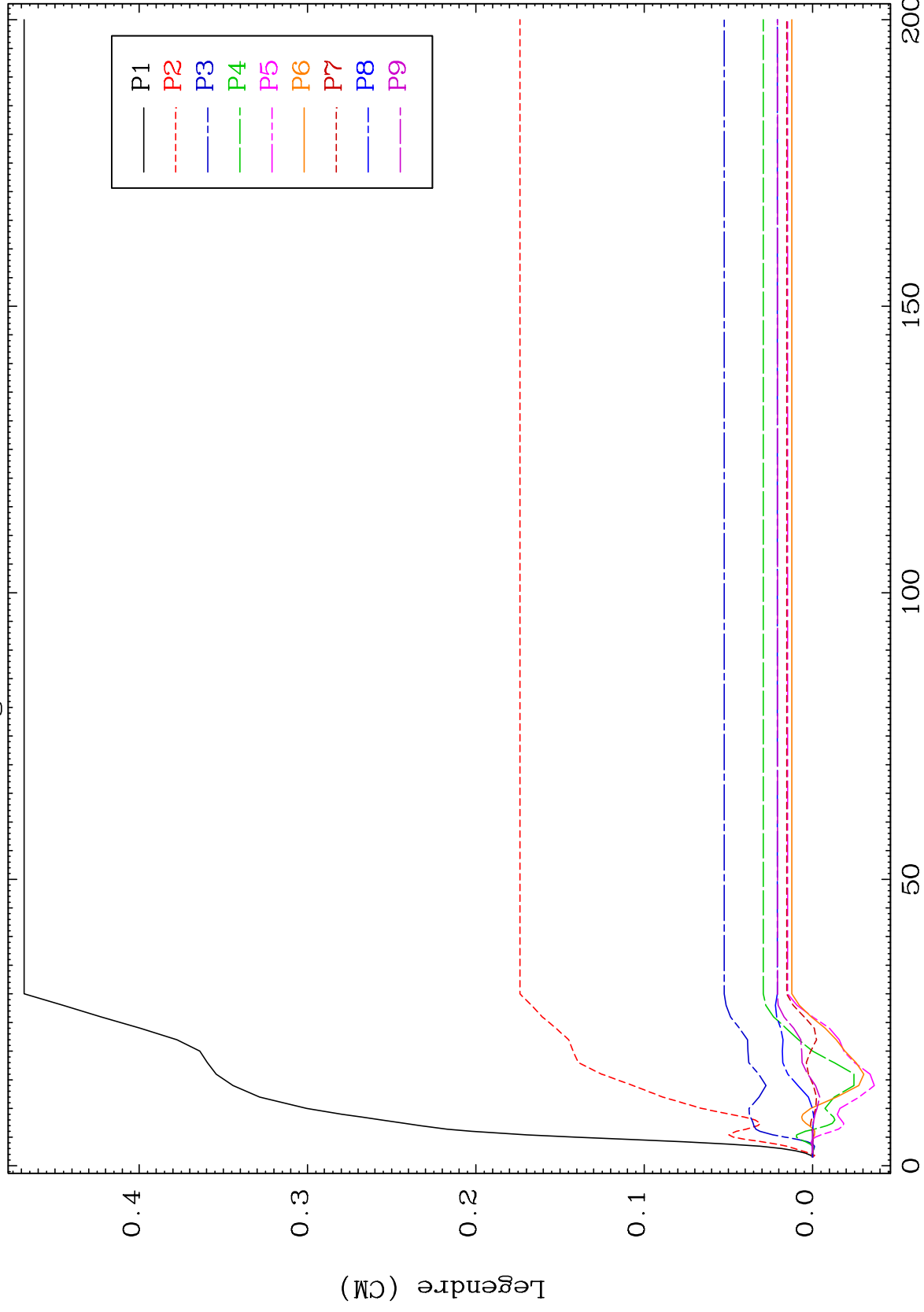
41-Nb-93



MAT 4125

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

41-Nb-93



87

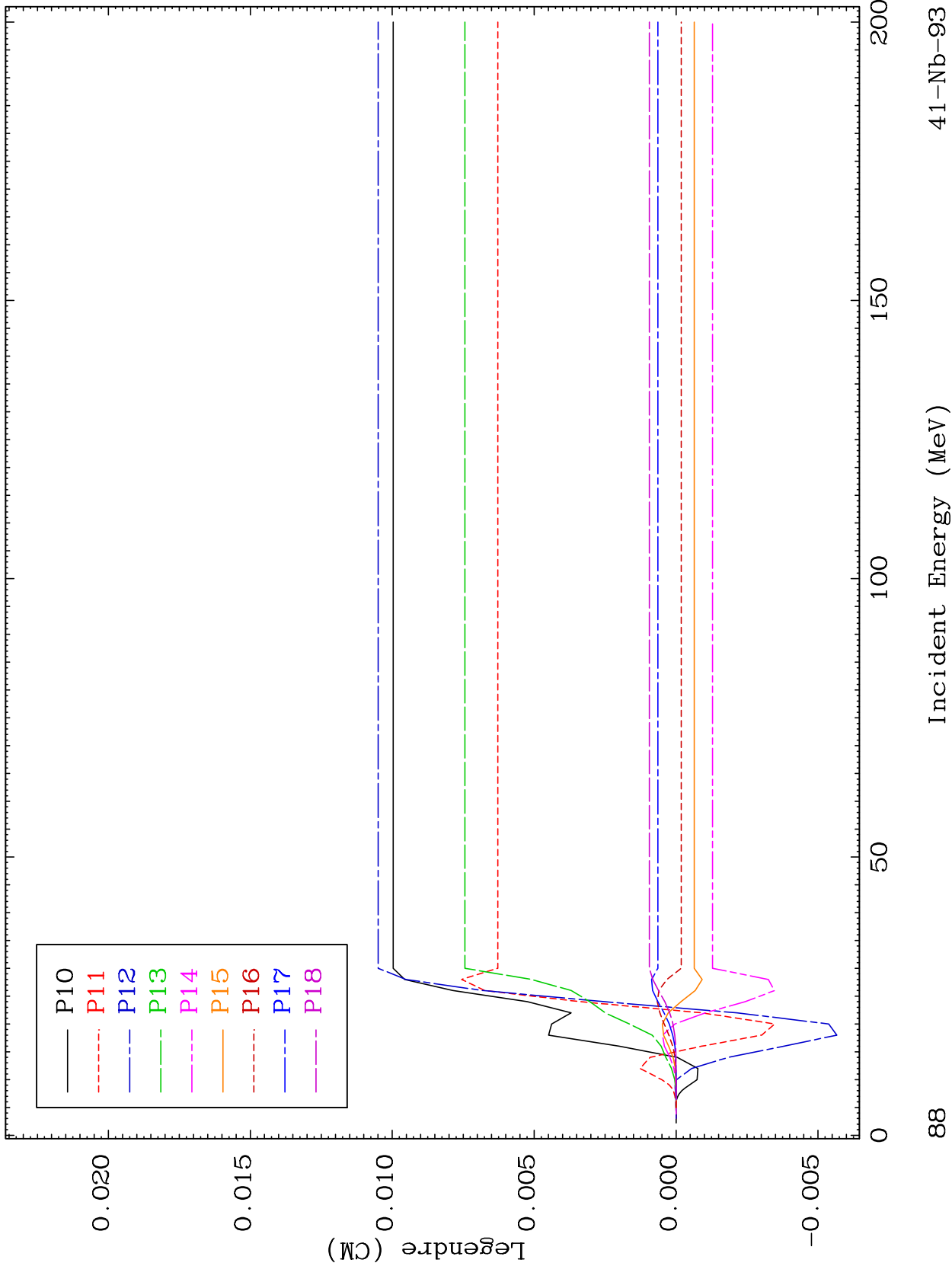
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



88

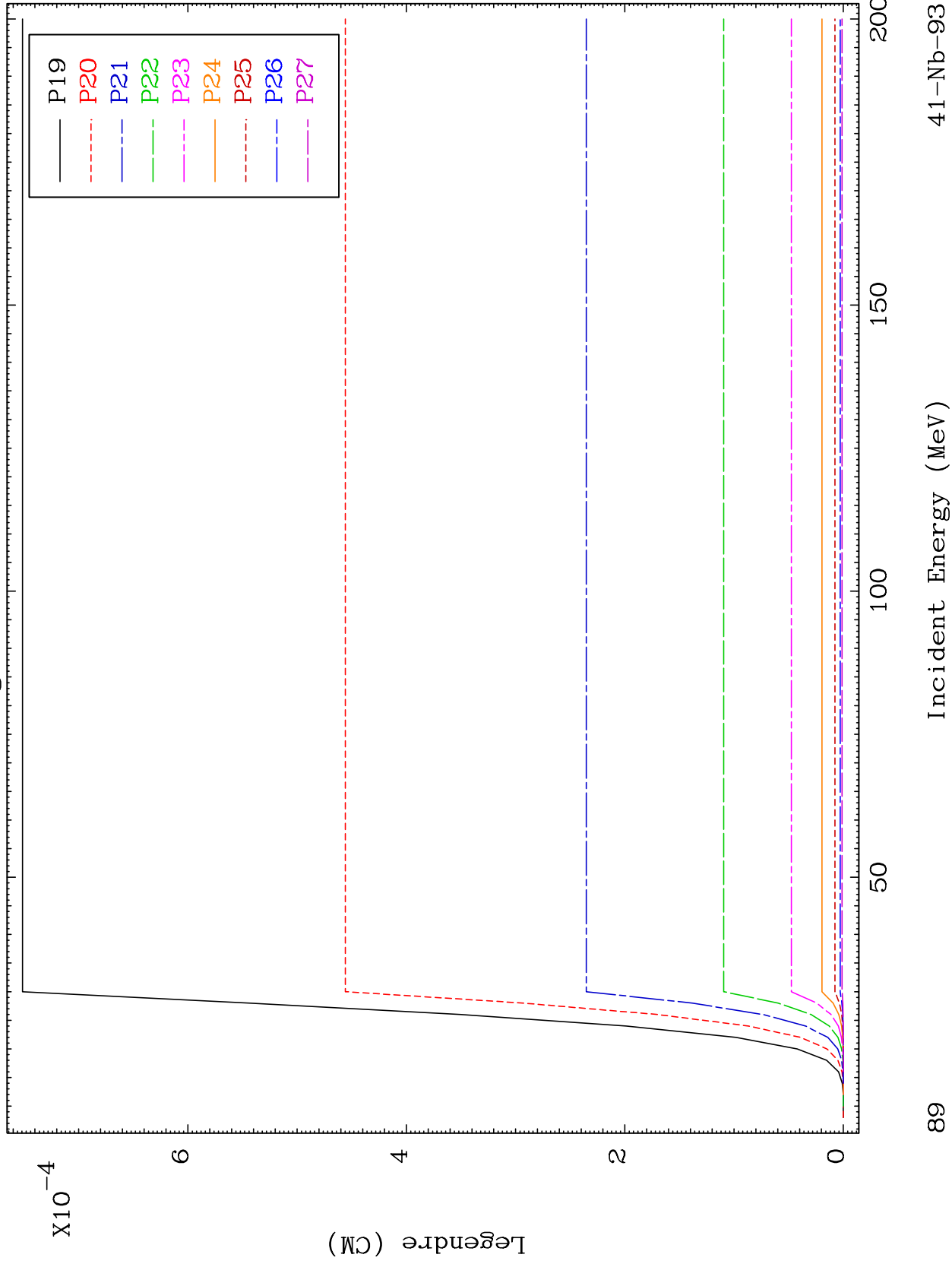
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

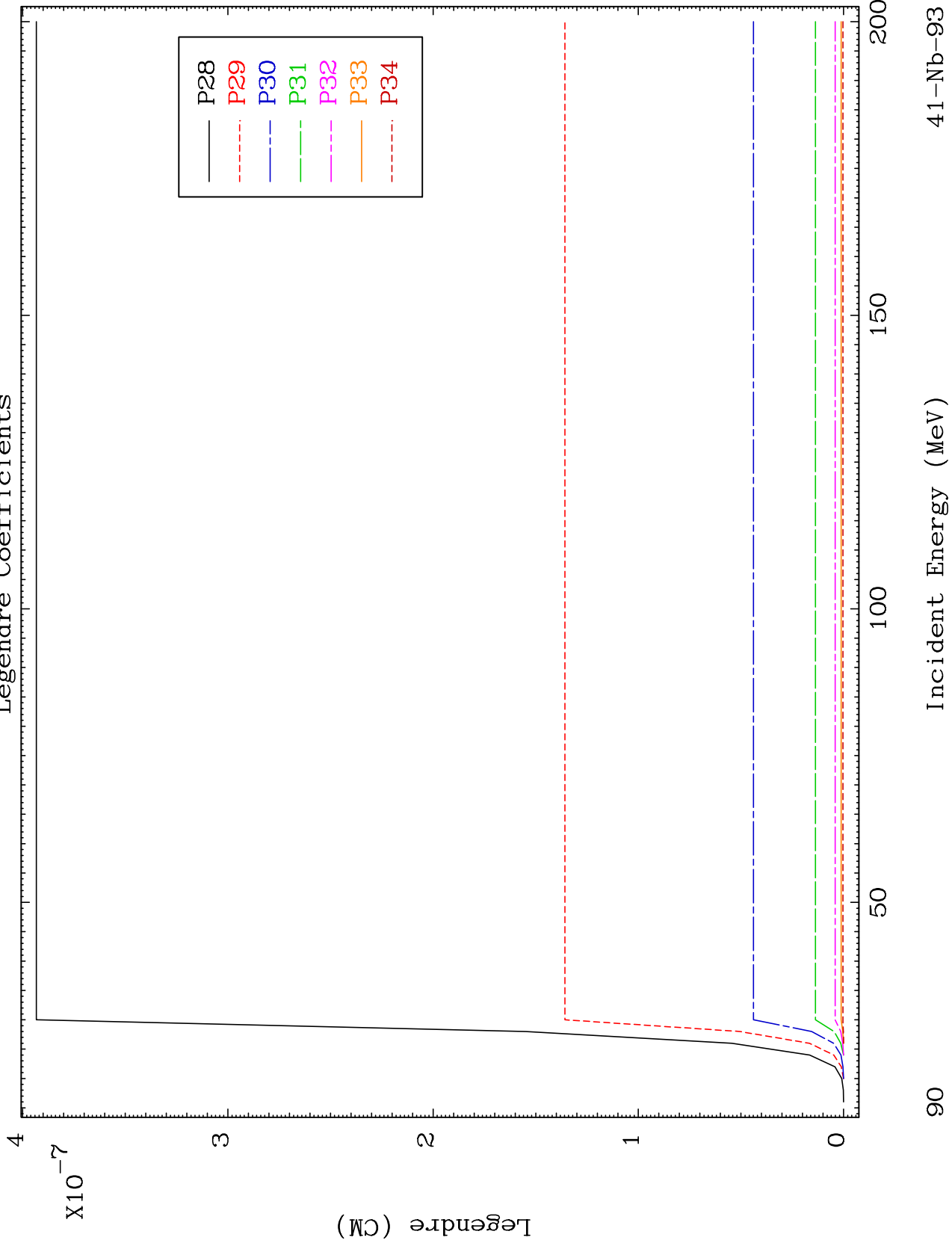
41-Nb-93



MAT 4125

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

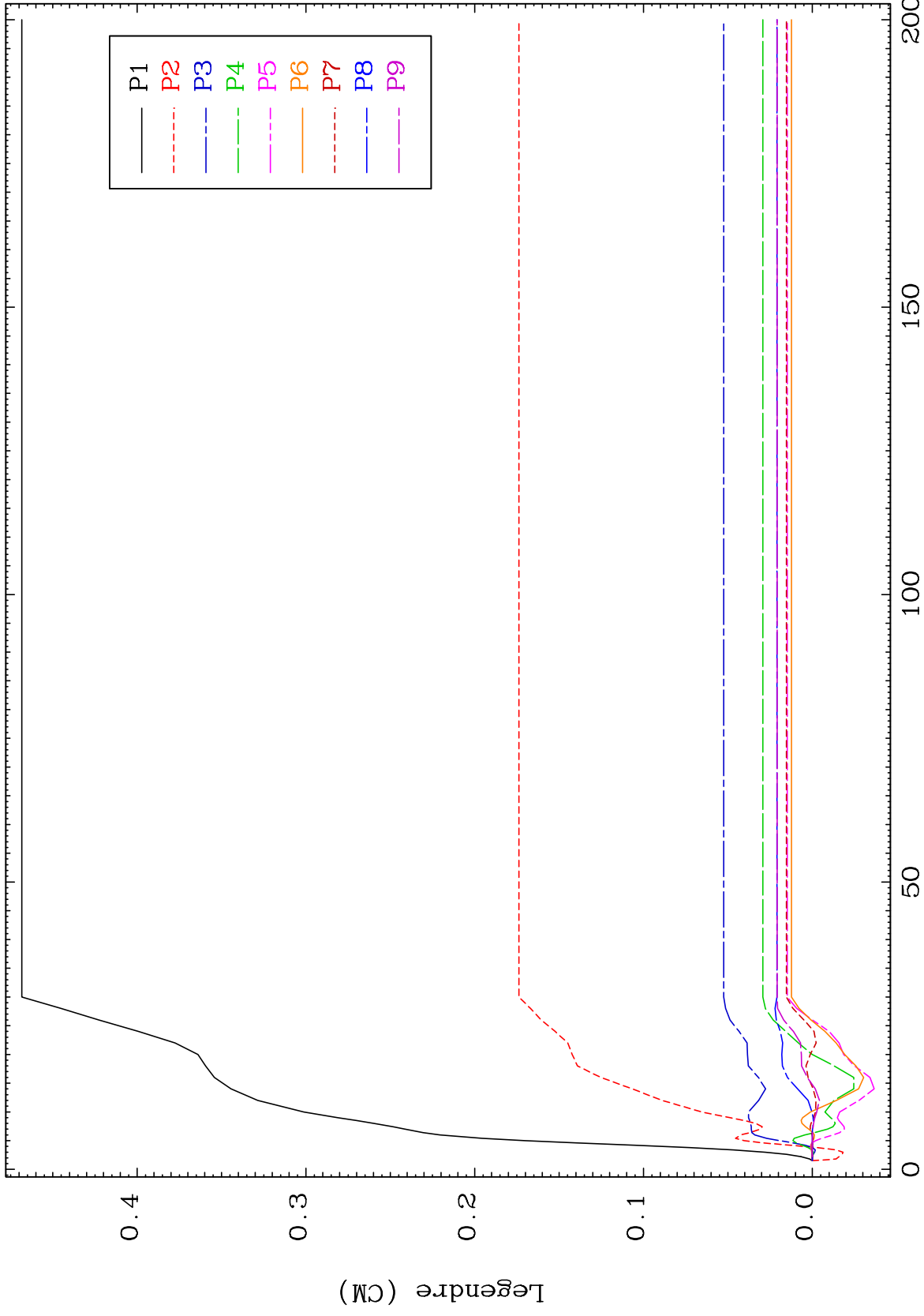
41-Nb-93



MAT 4125

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

41-Nb-93



91

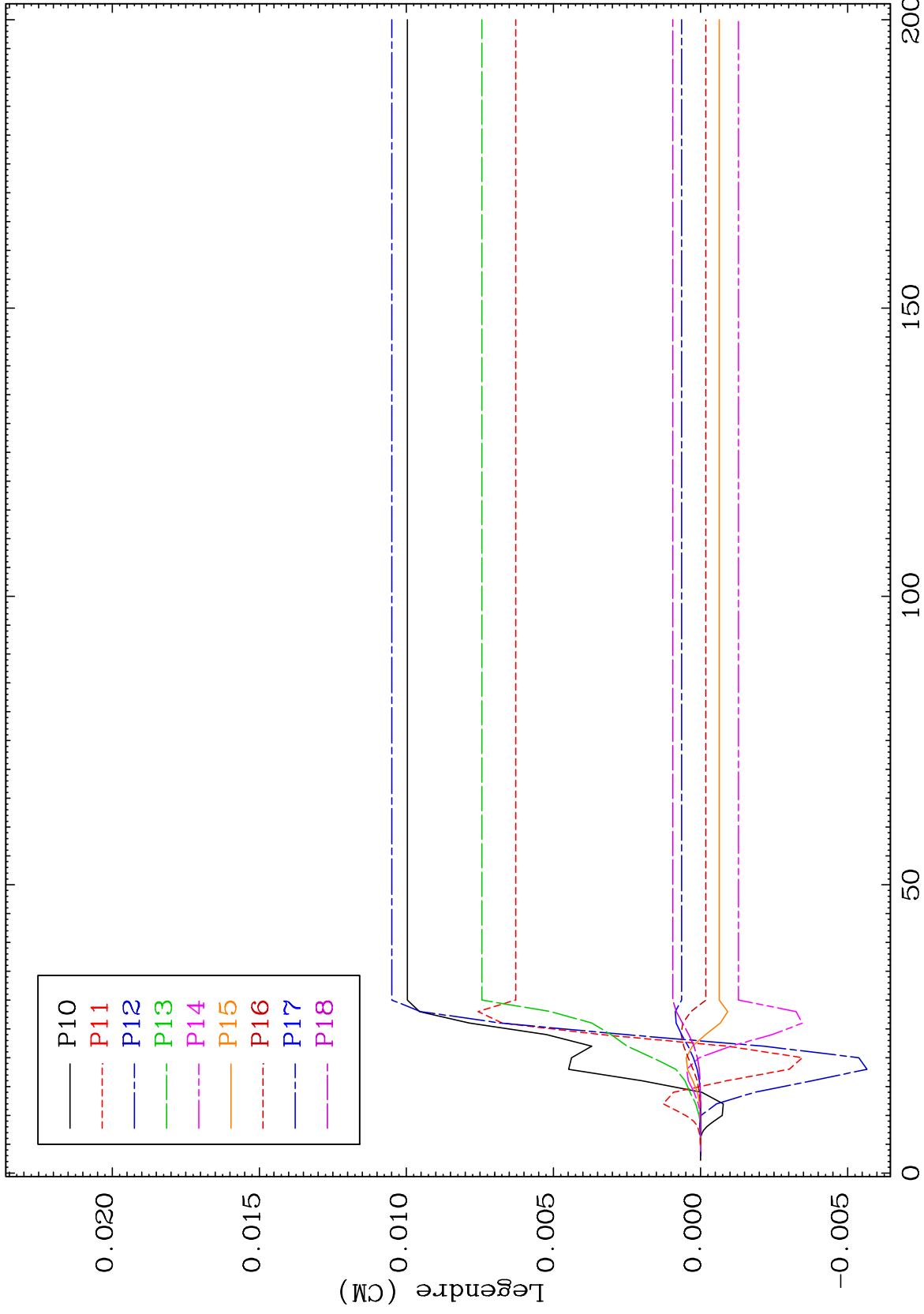
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



92

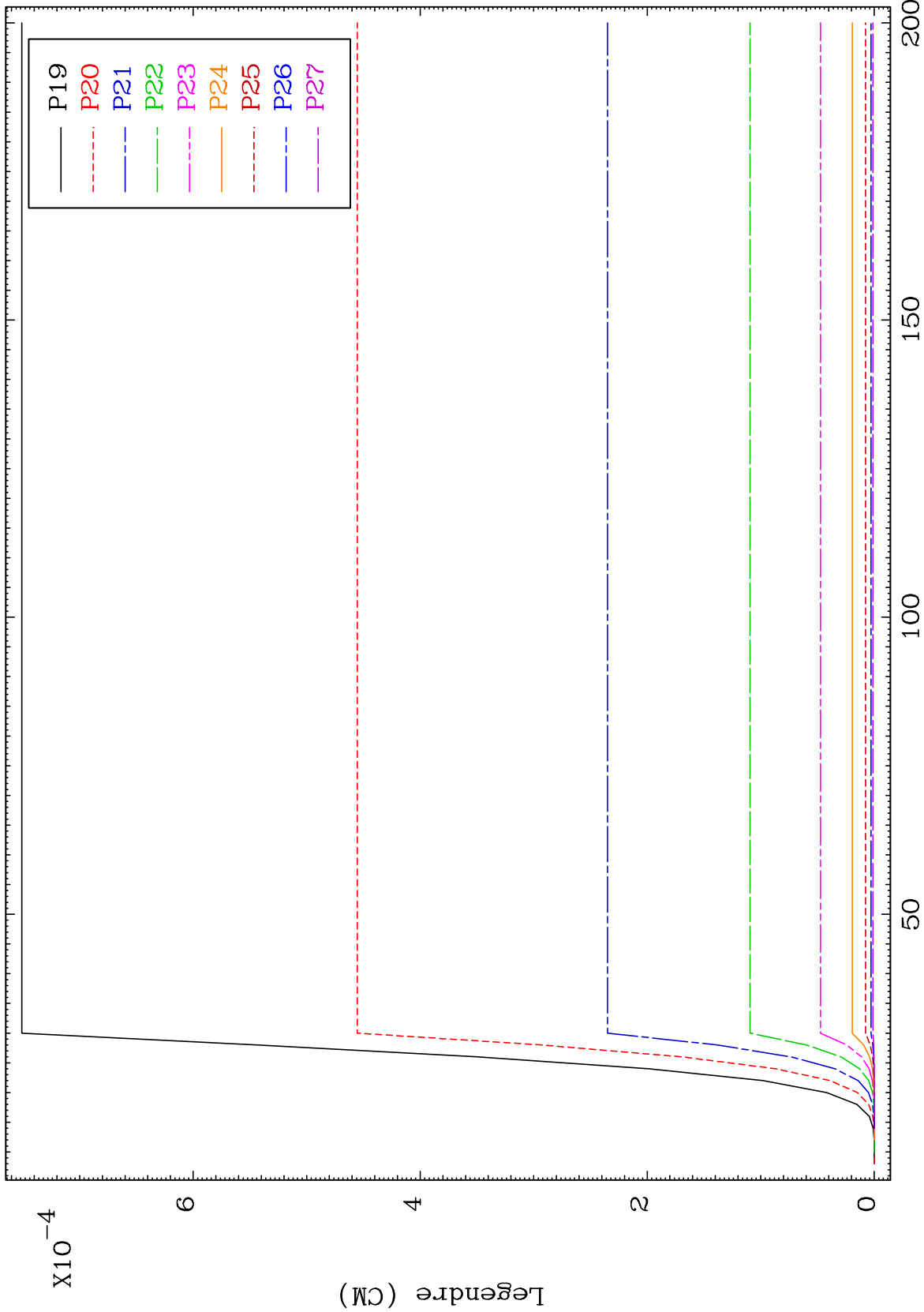
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

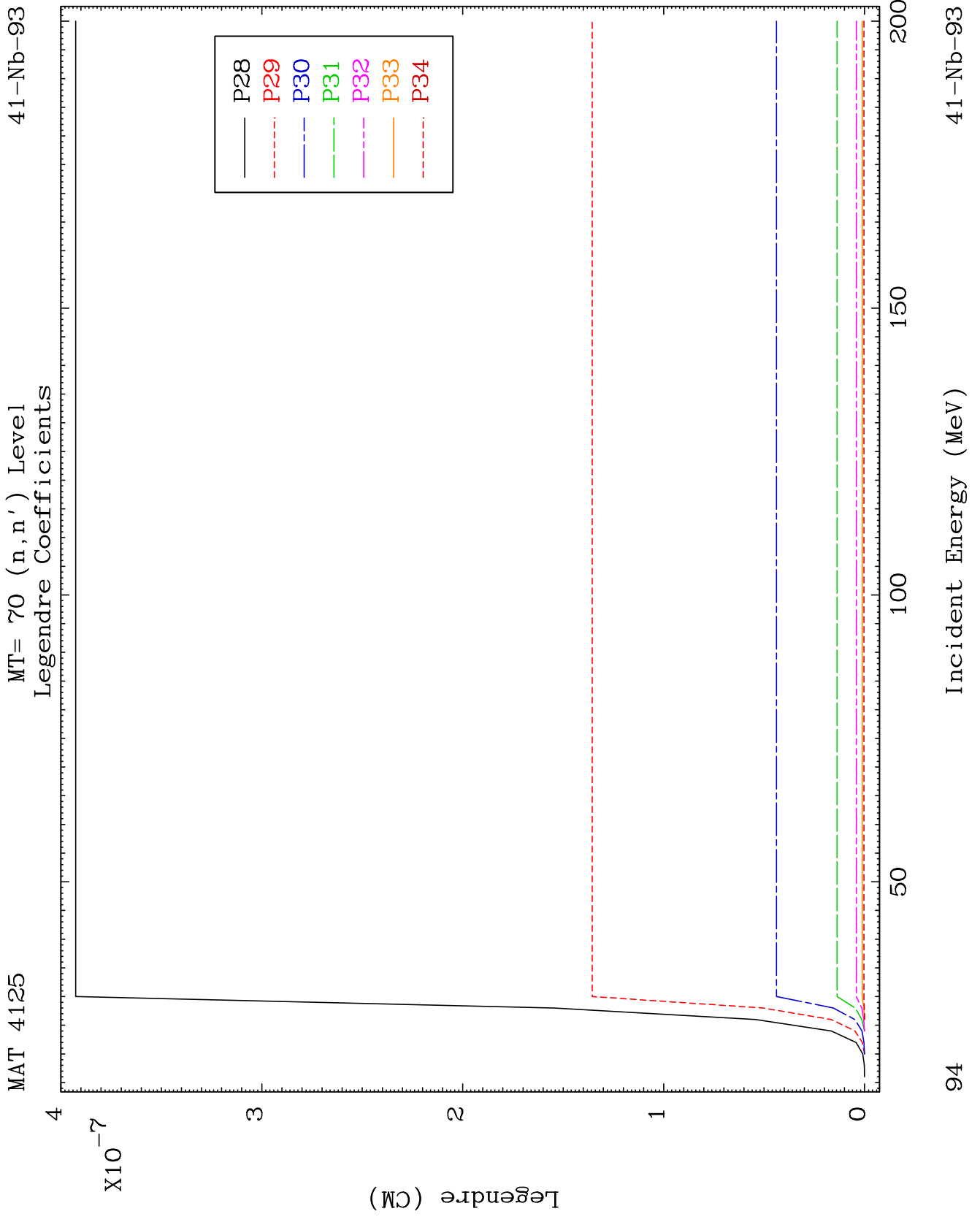
41-Nb-93



93

Incident Energy (MeV)

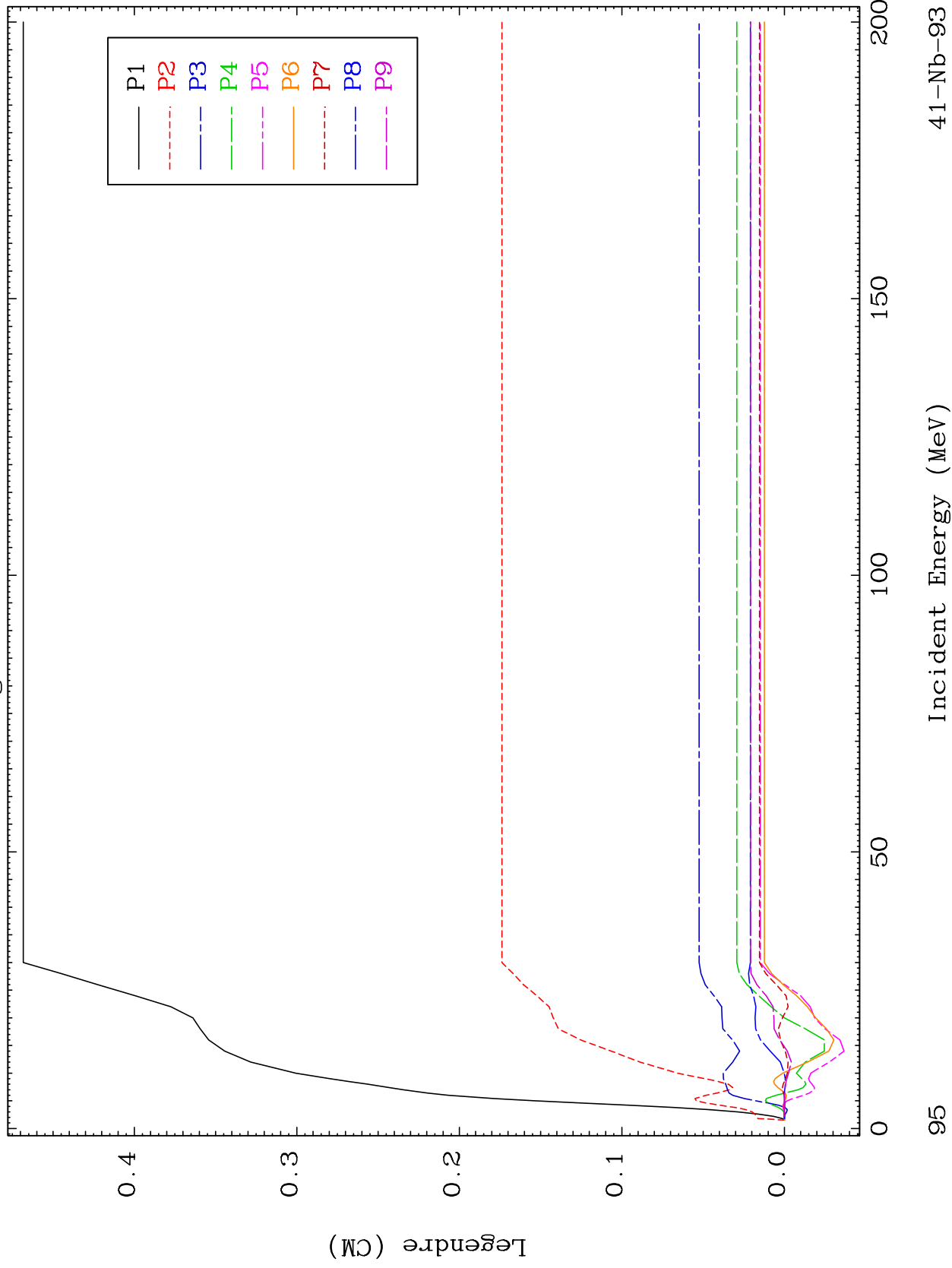
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

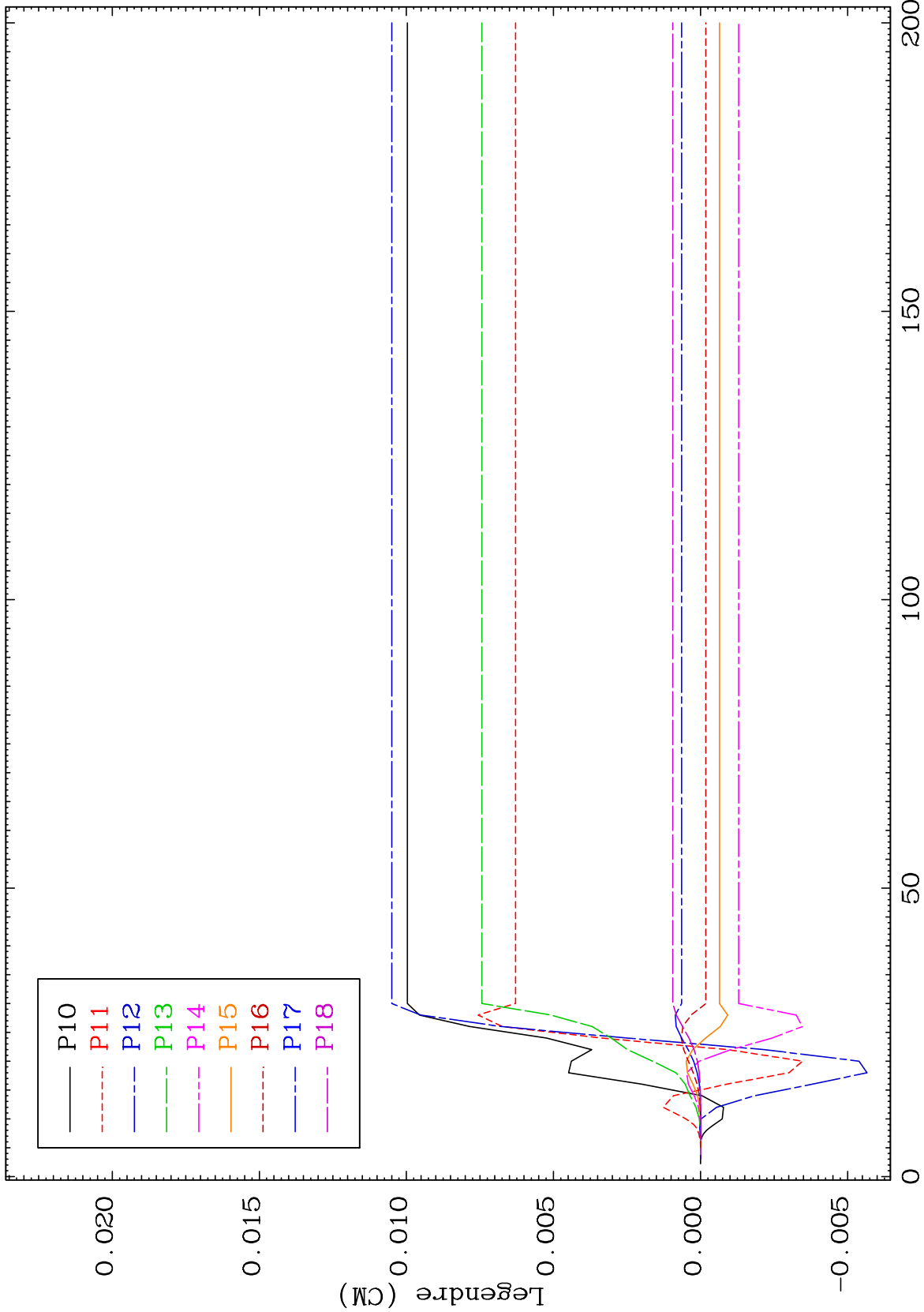
Incident Energy (MeV)

95

MAT 4125

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

41-Nb-93



96

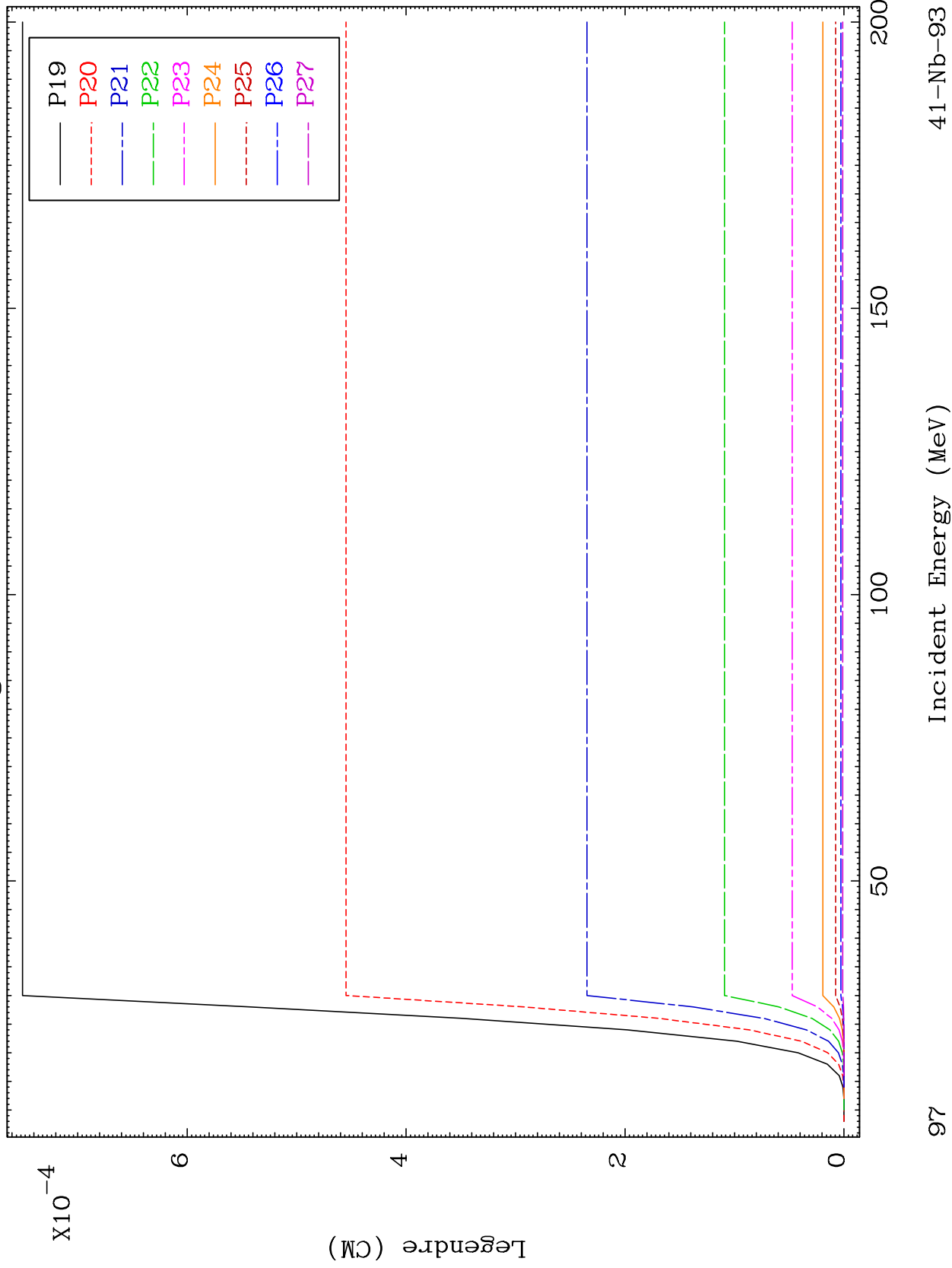
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

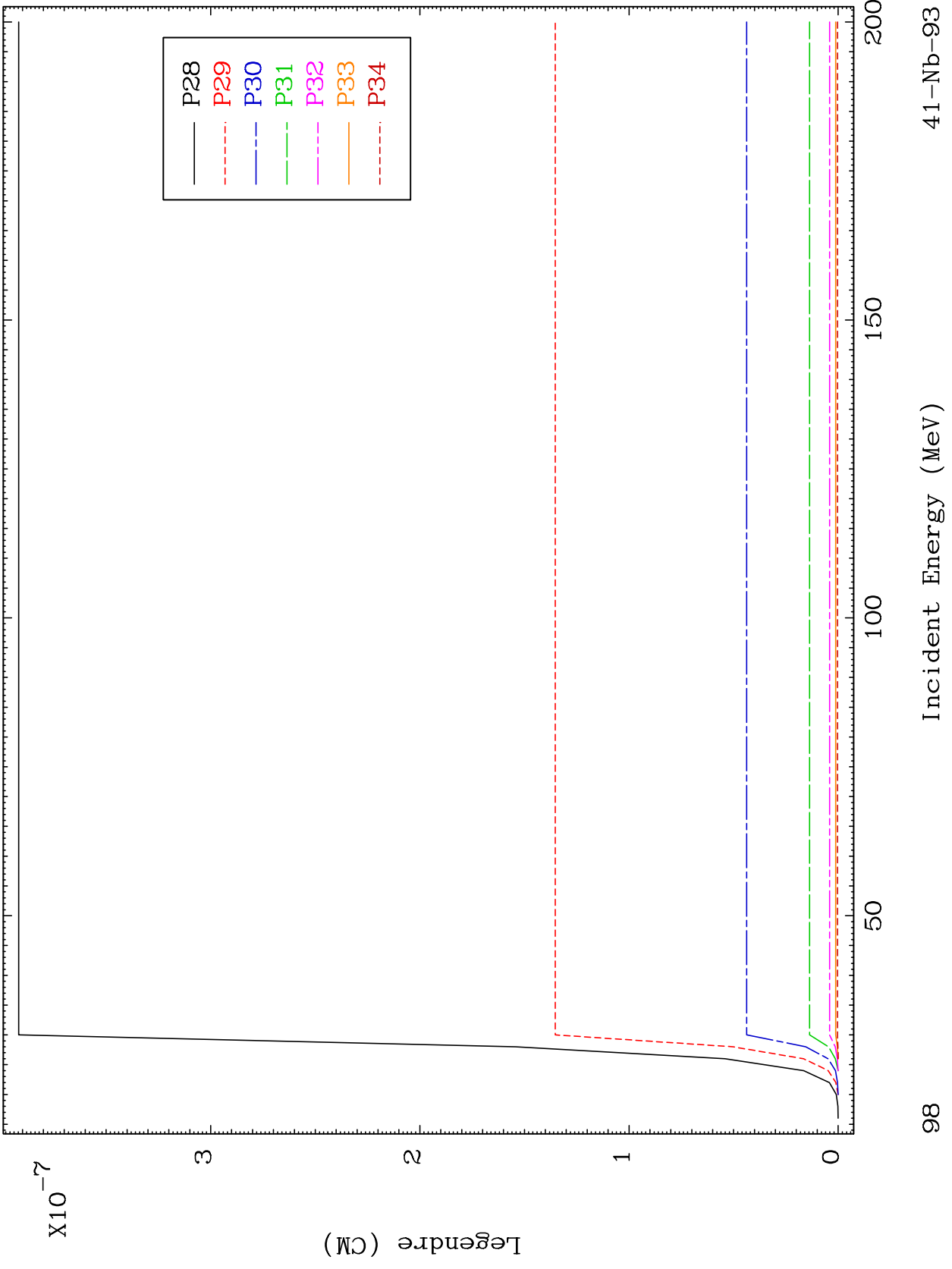
41-Nb-93



MAT 4125

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

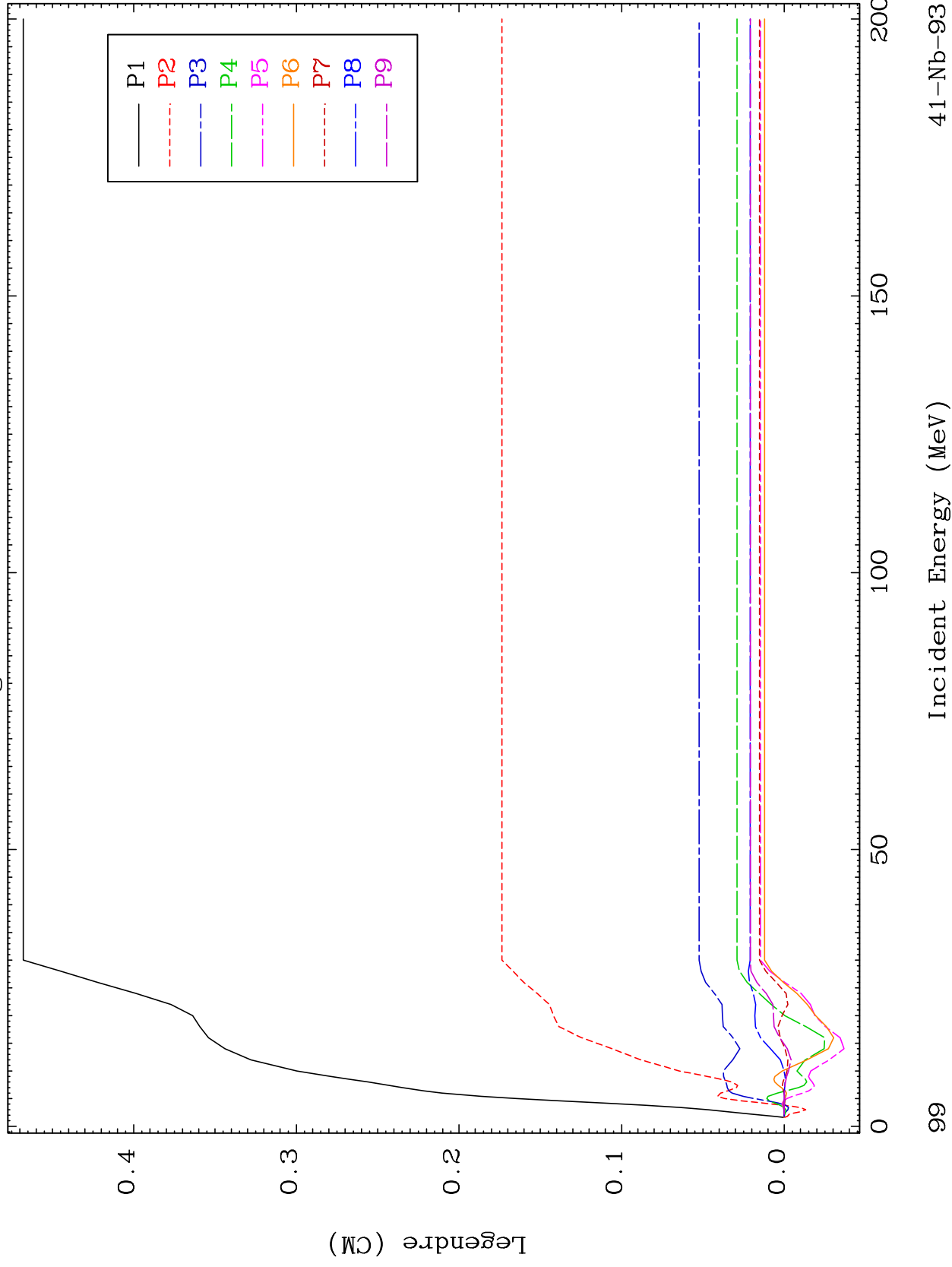
41-Nb-93



MAT 4125

41-Nb-93

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



41-Nb-93

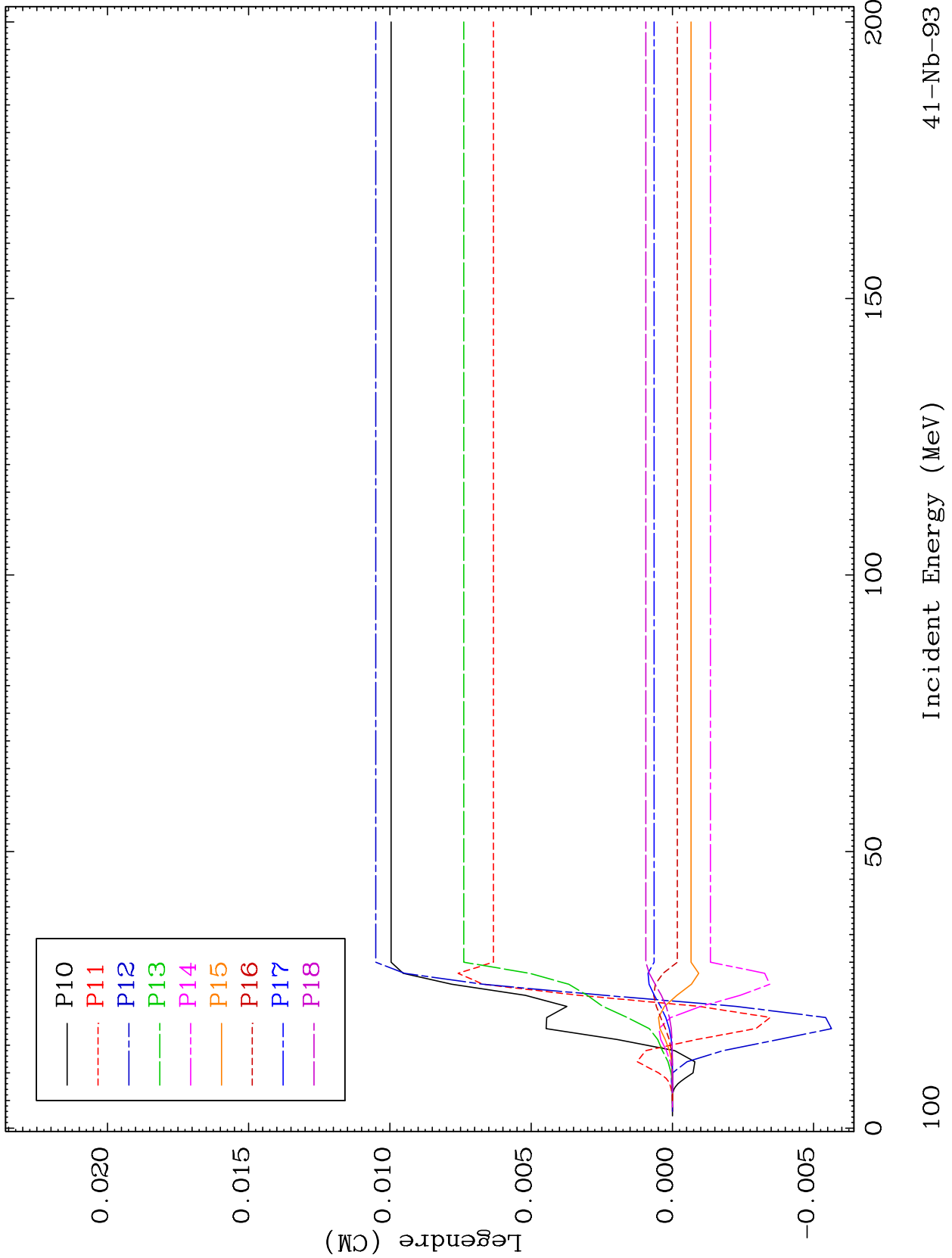
Incident Energy (MeV)

99

MAT 4125

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

41-Nb-93



41-Nb-93

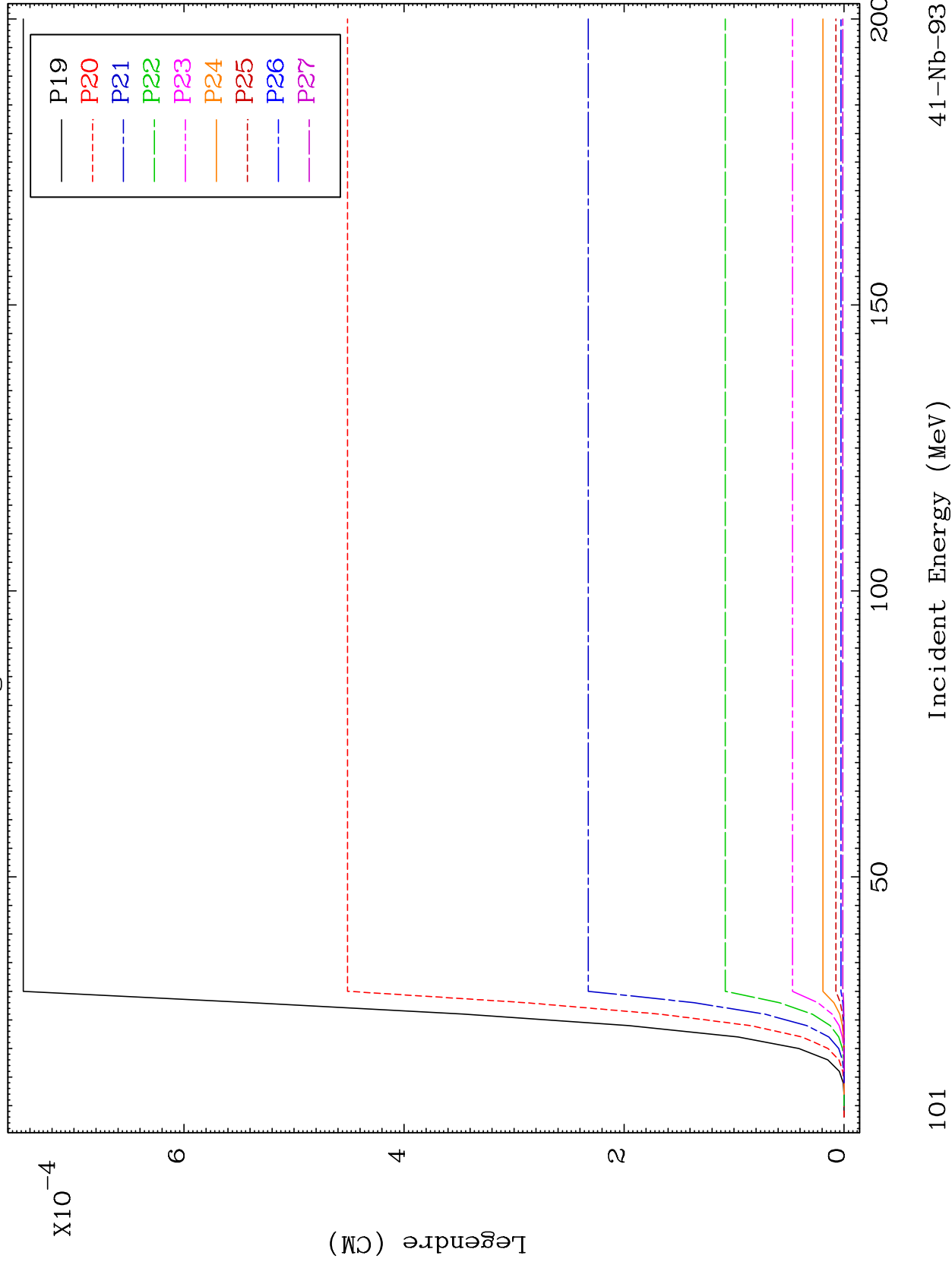
Incident Energy (MeV)

100

MAT 4125

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

41-Nb-93



101

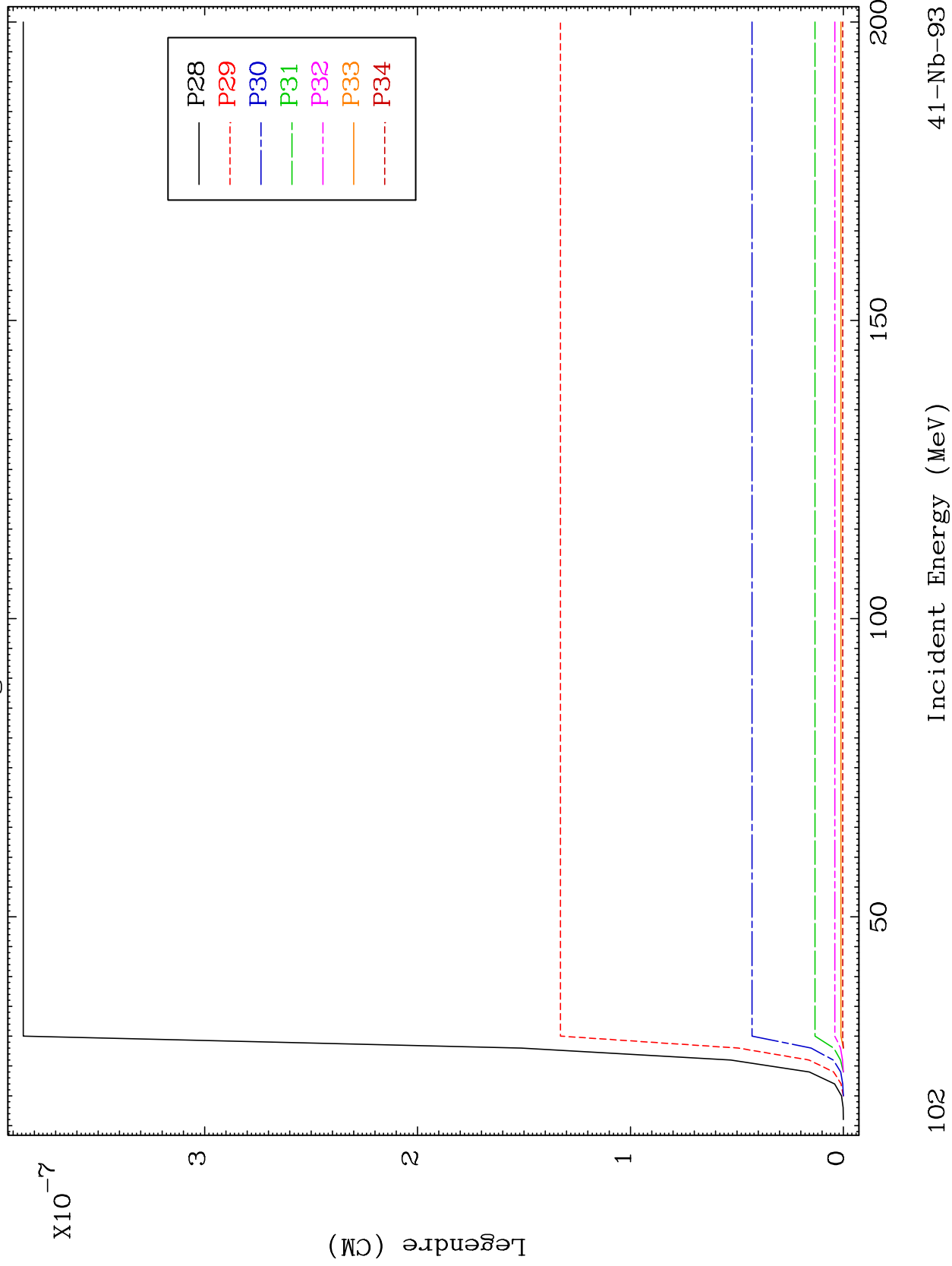
Incident Energy (MeV)

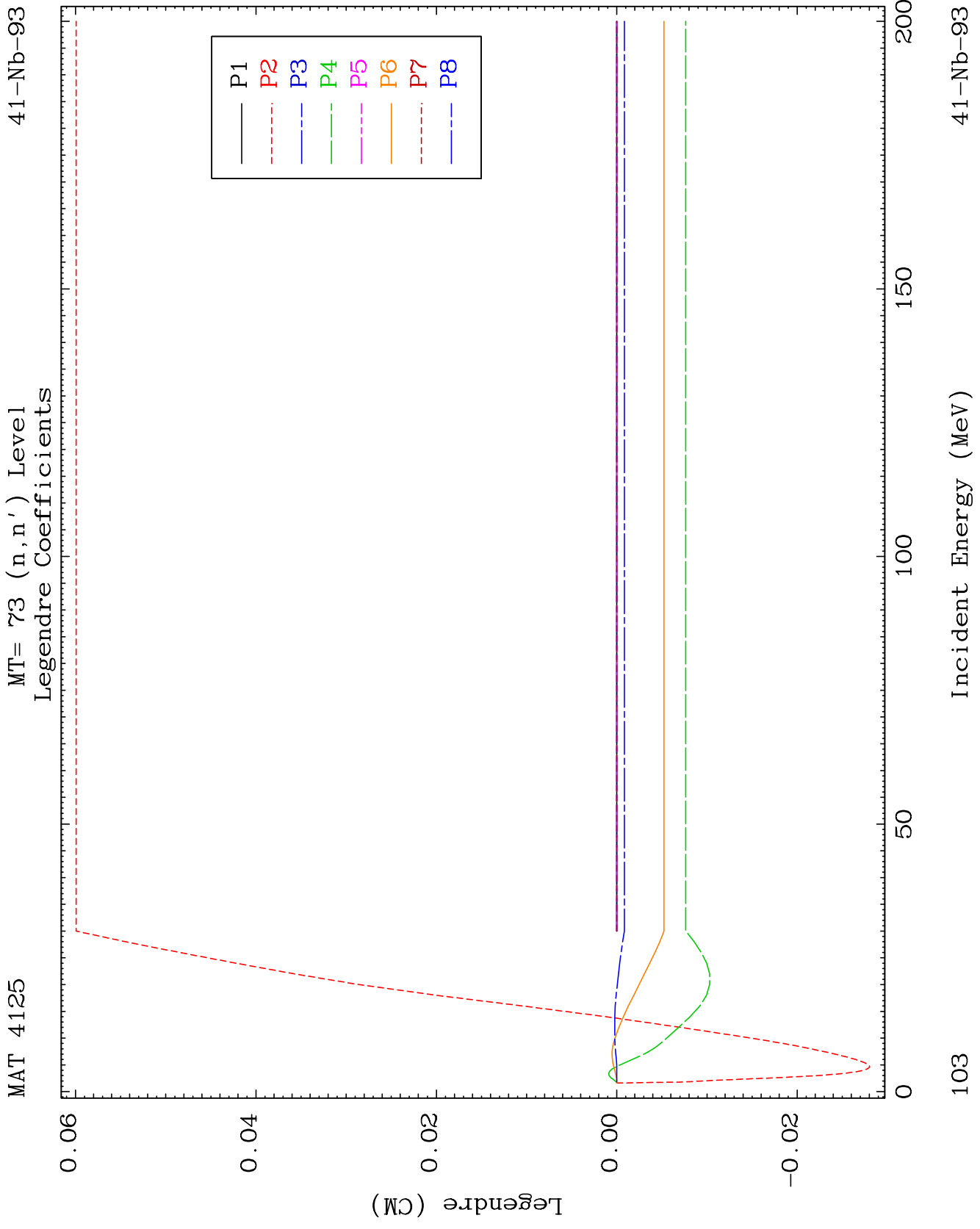
41-Nb-93

MAT 4125

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

41-Nb-93

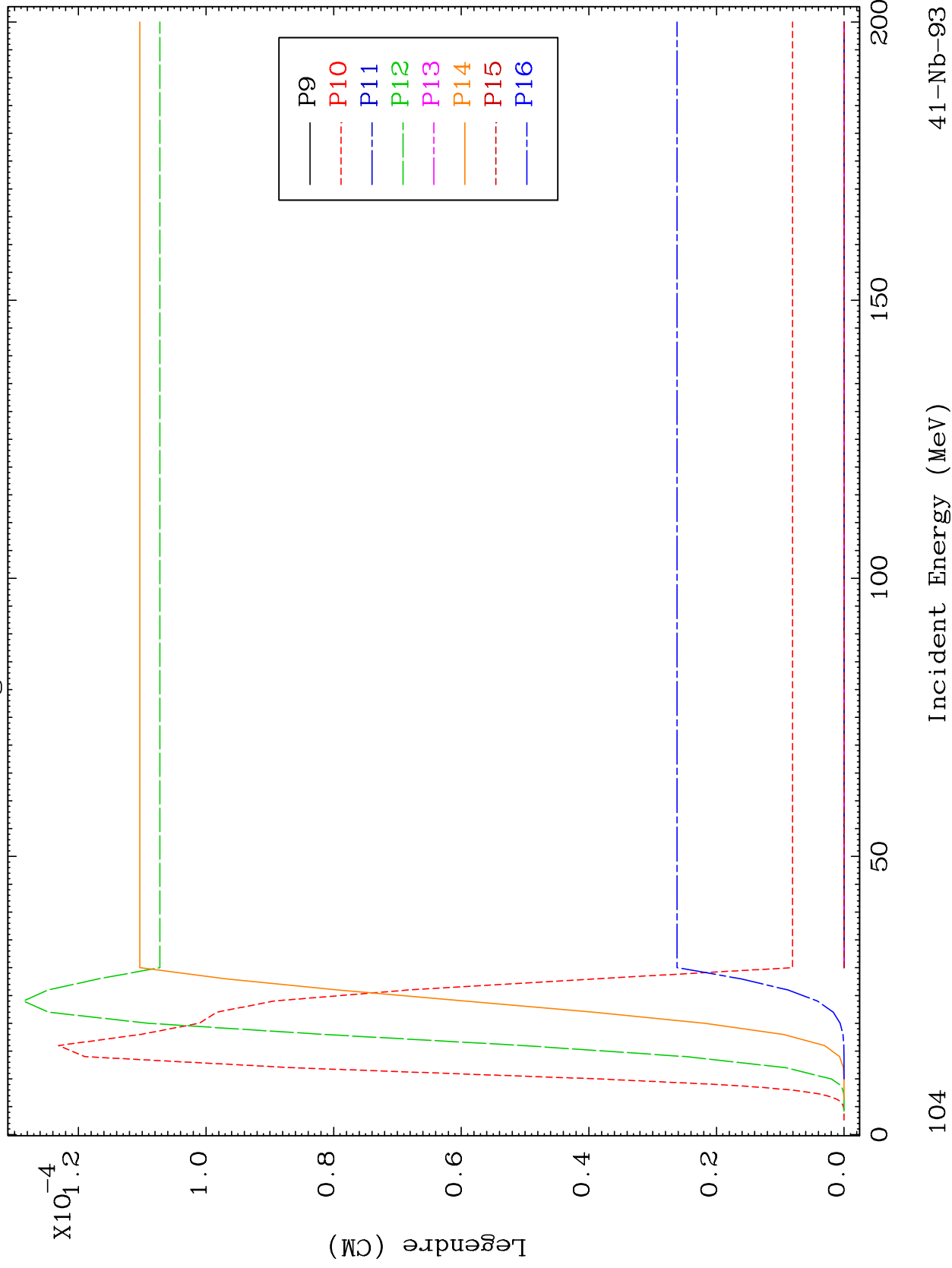




MAT 4125

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

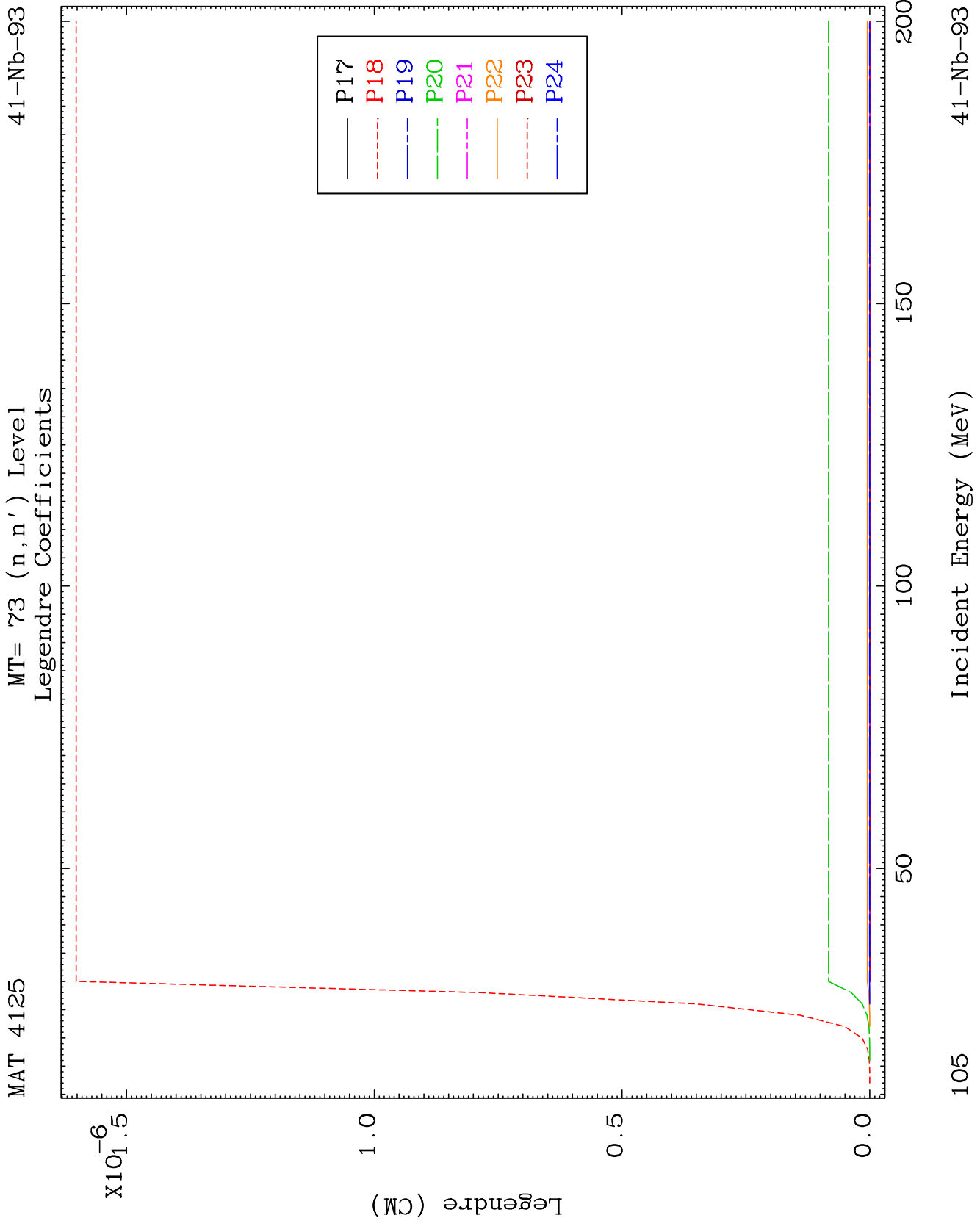
41-Nb-93



41-Nb-93

Incident Energy (MeV)

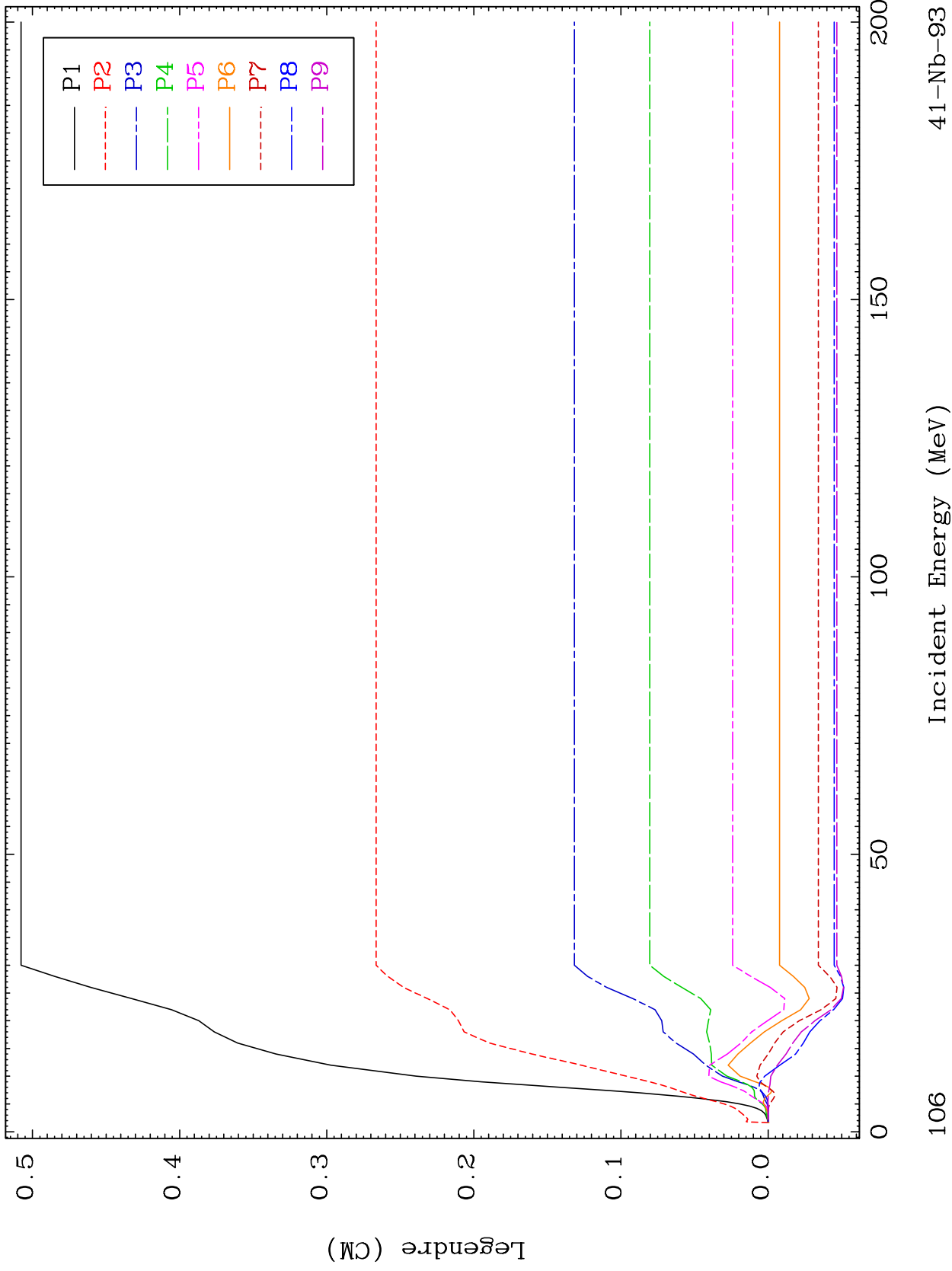
104



MAT 4125

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

41-Nb-93



41-Nb-93

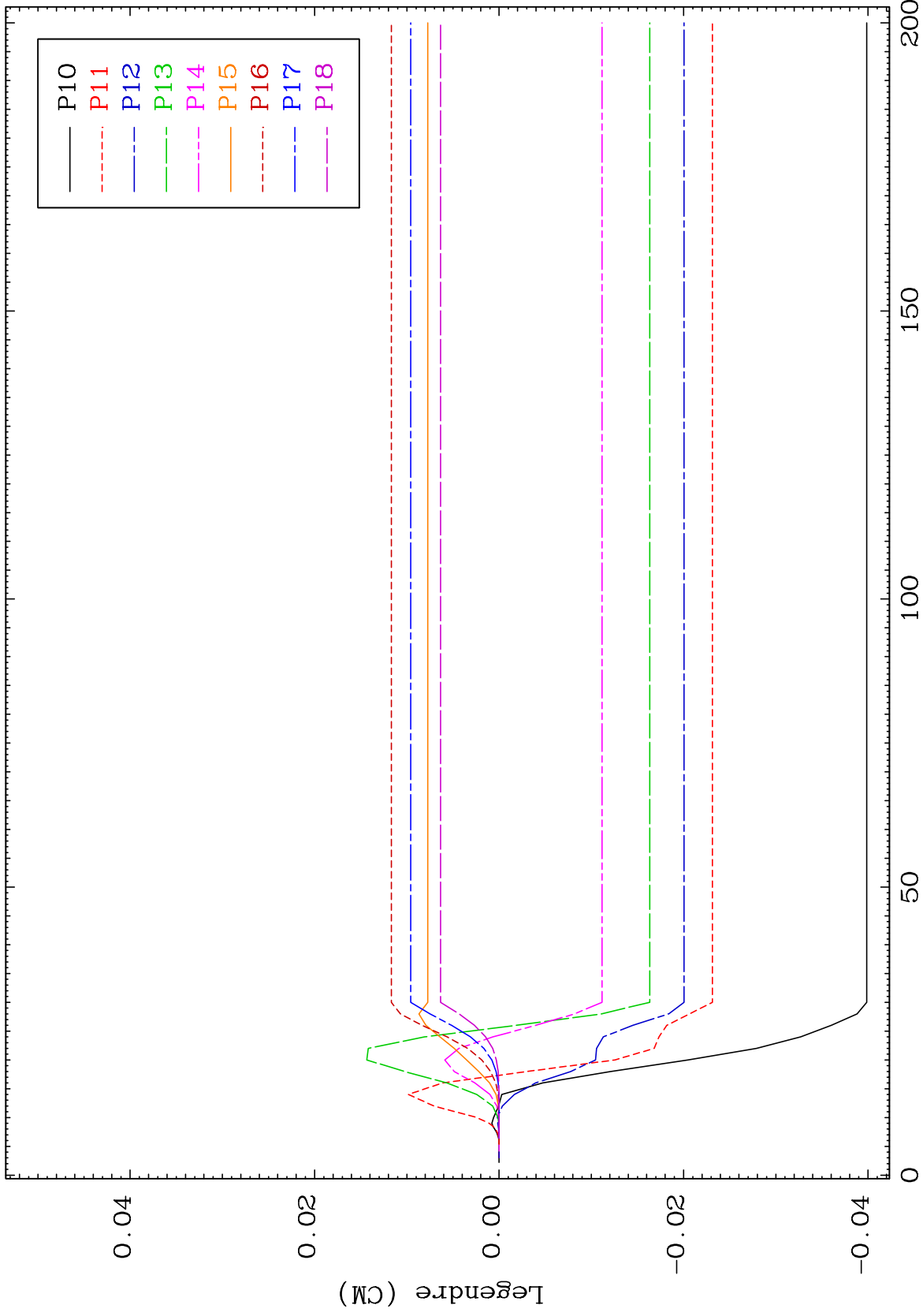
Incident Energy (MeV)

106

MAT 4125

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

41-Nb-93



107

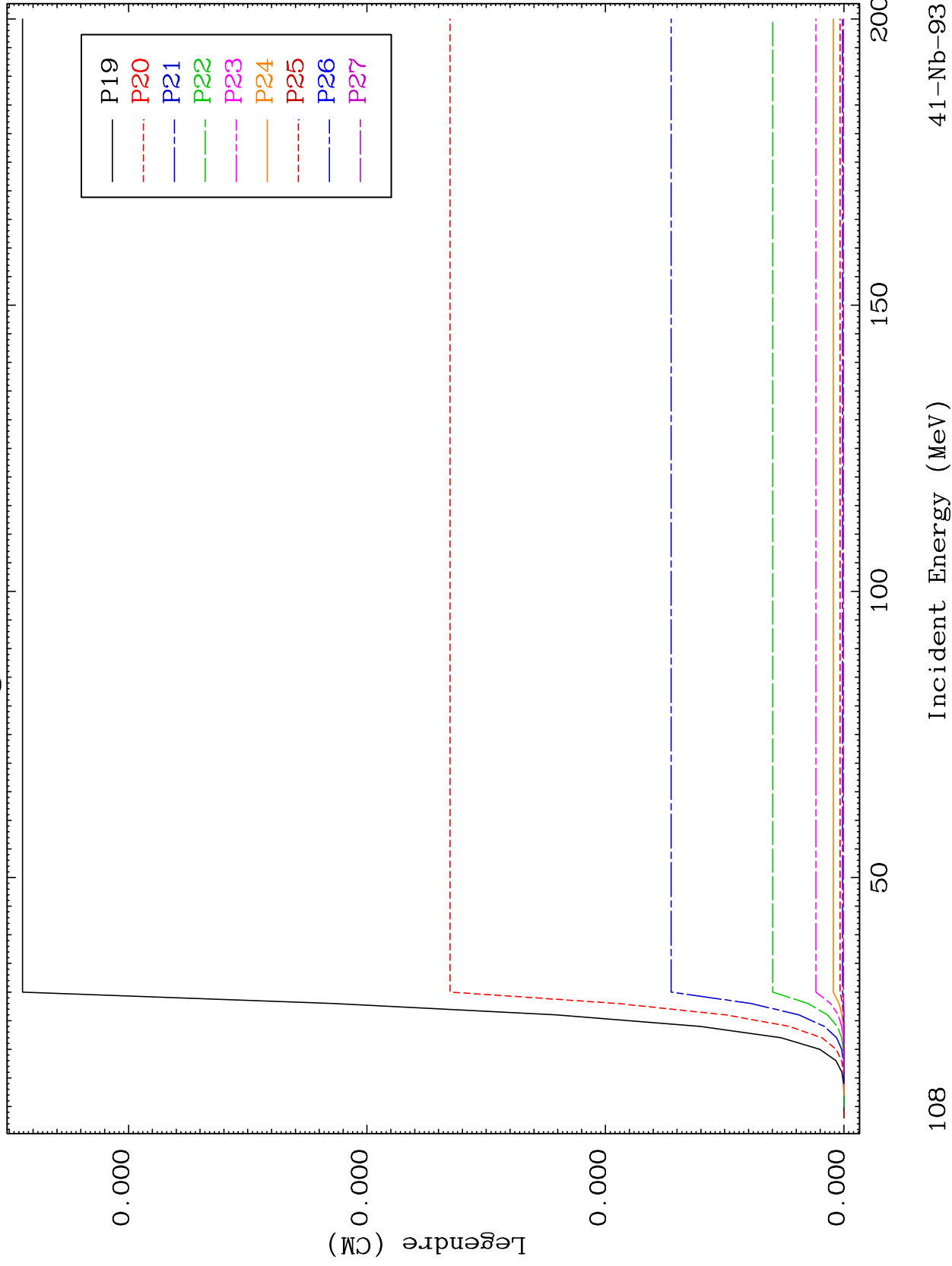
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

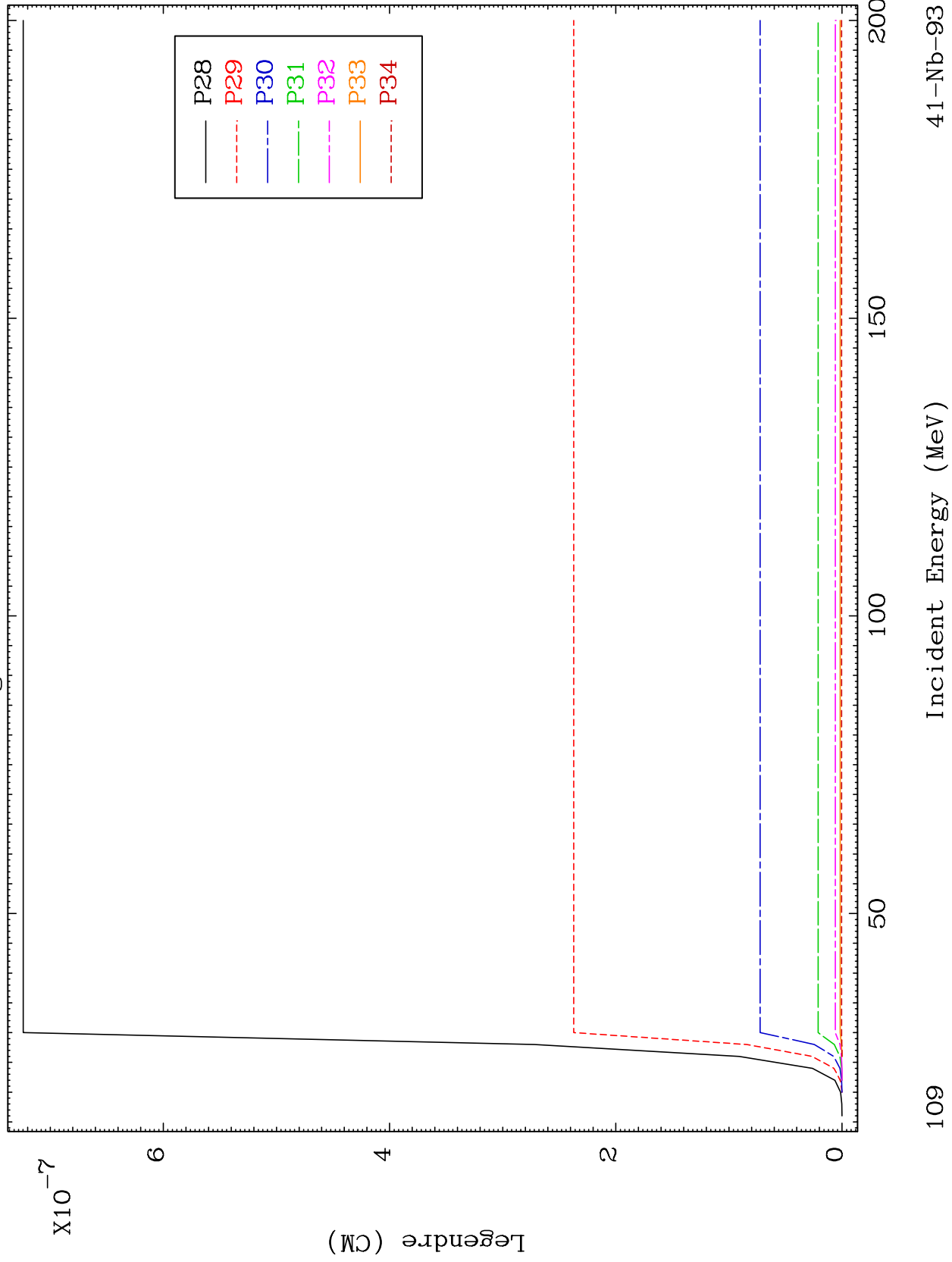


108

MAT 4125

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

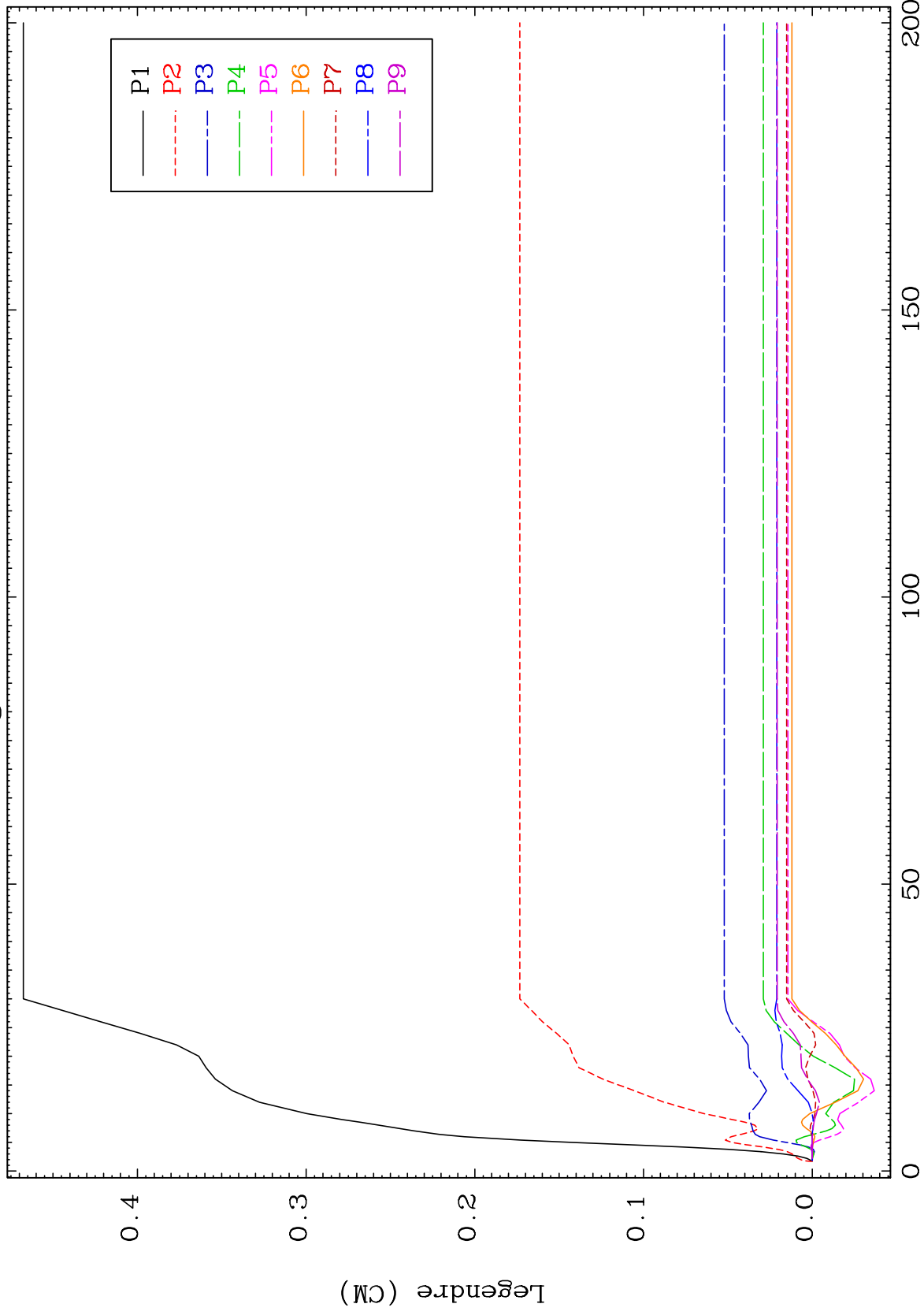
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

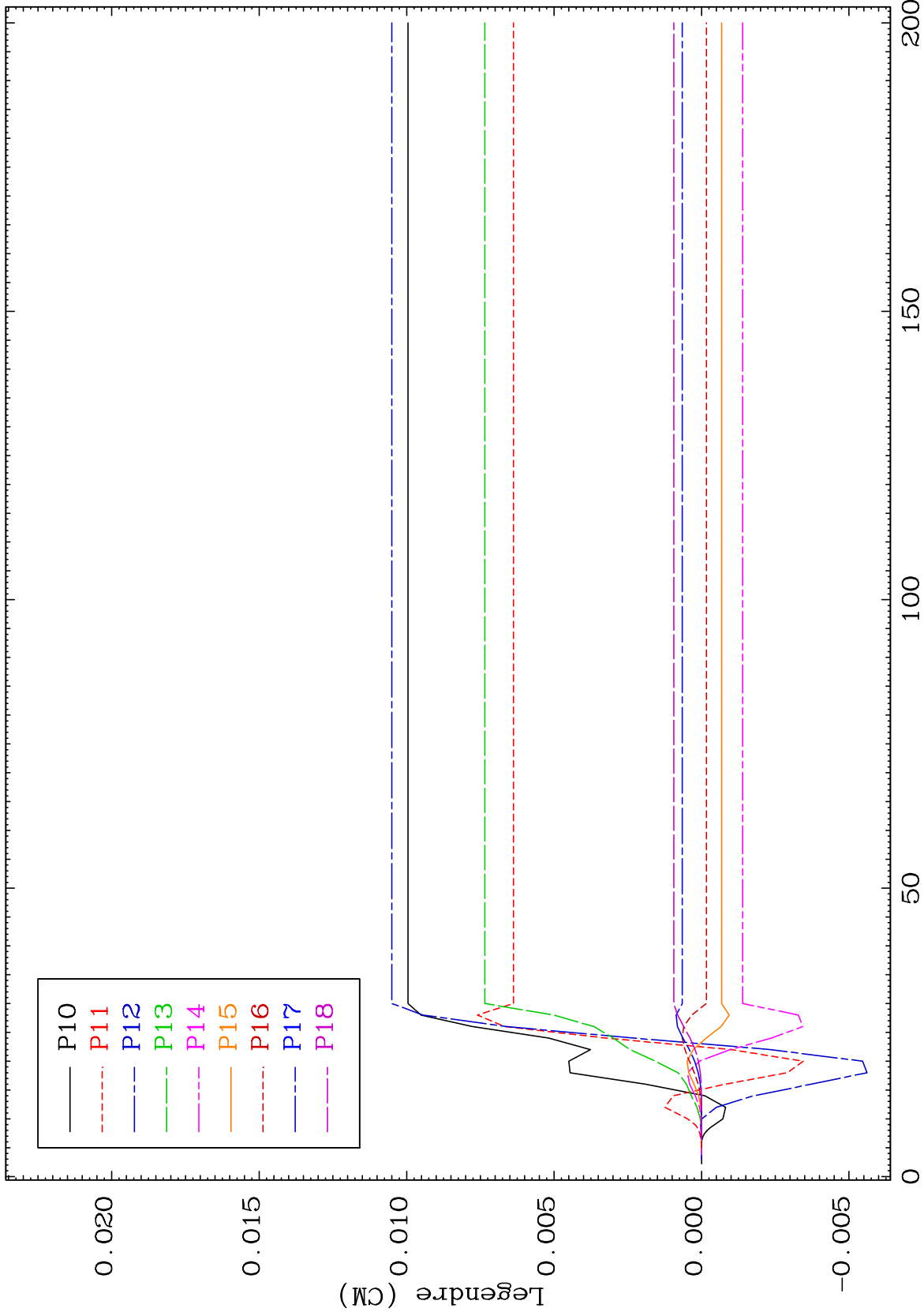
Incident Energy (MeV)

110

MAT 4125

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

41-Nb-93



111

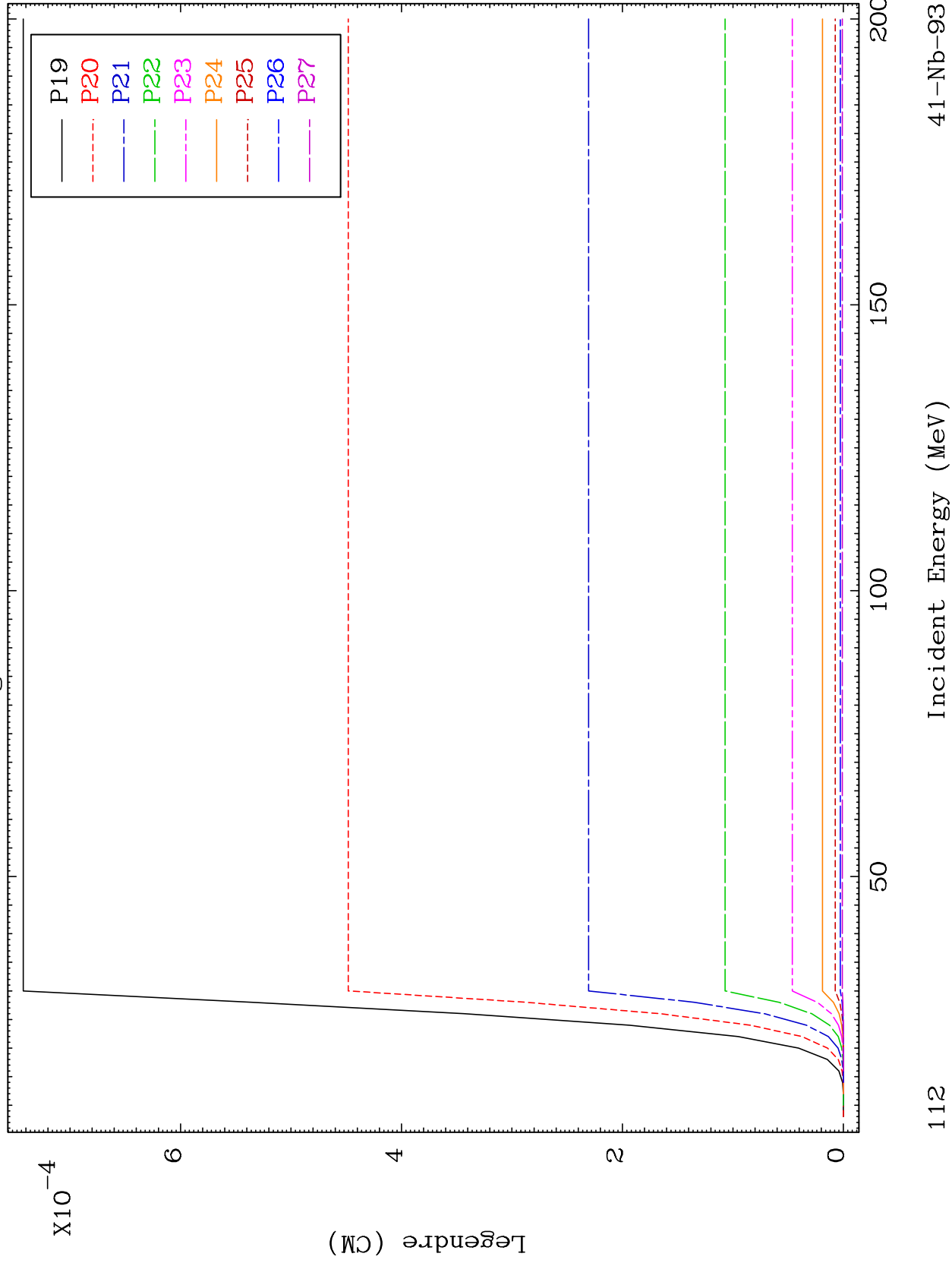
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



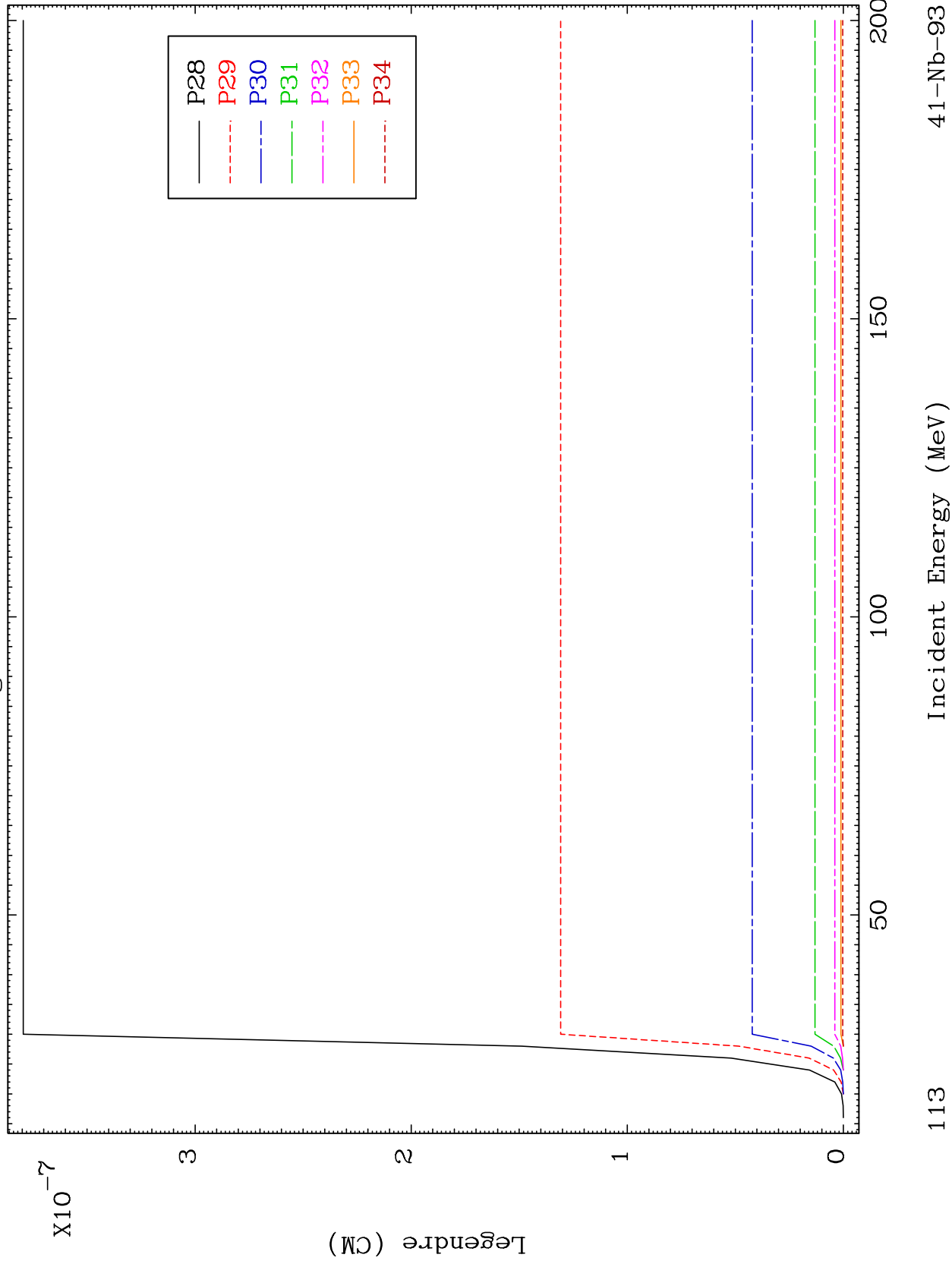
112

41-Nb-93

MAT 4125

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

41-Nb-93



113

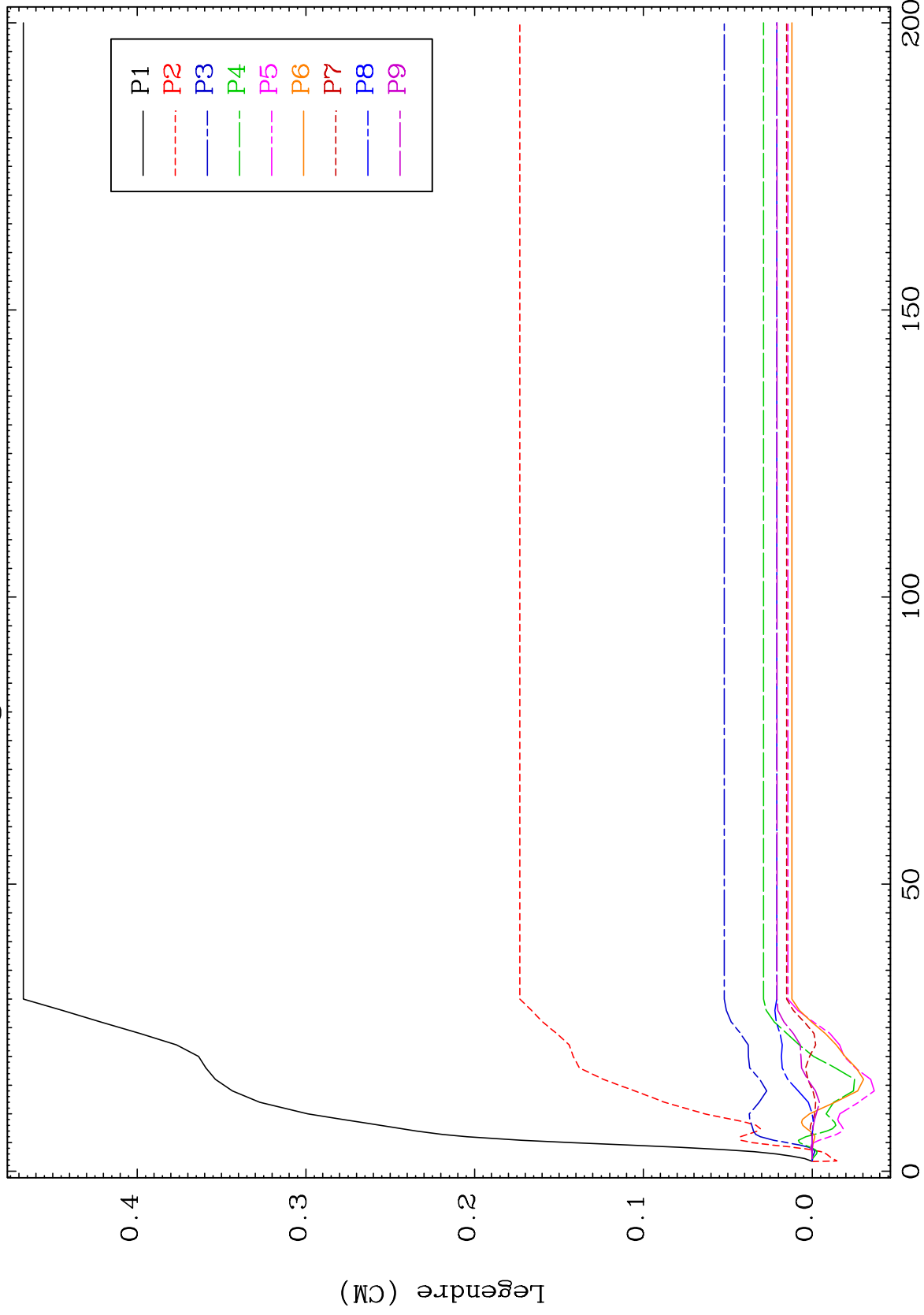
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



114

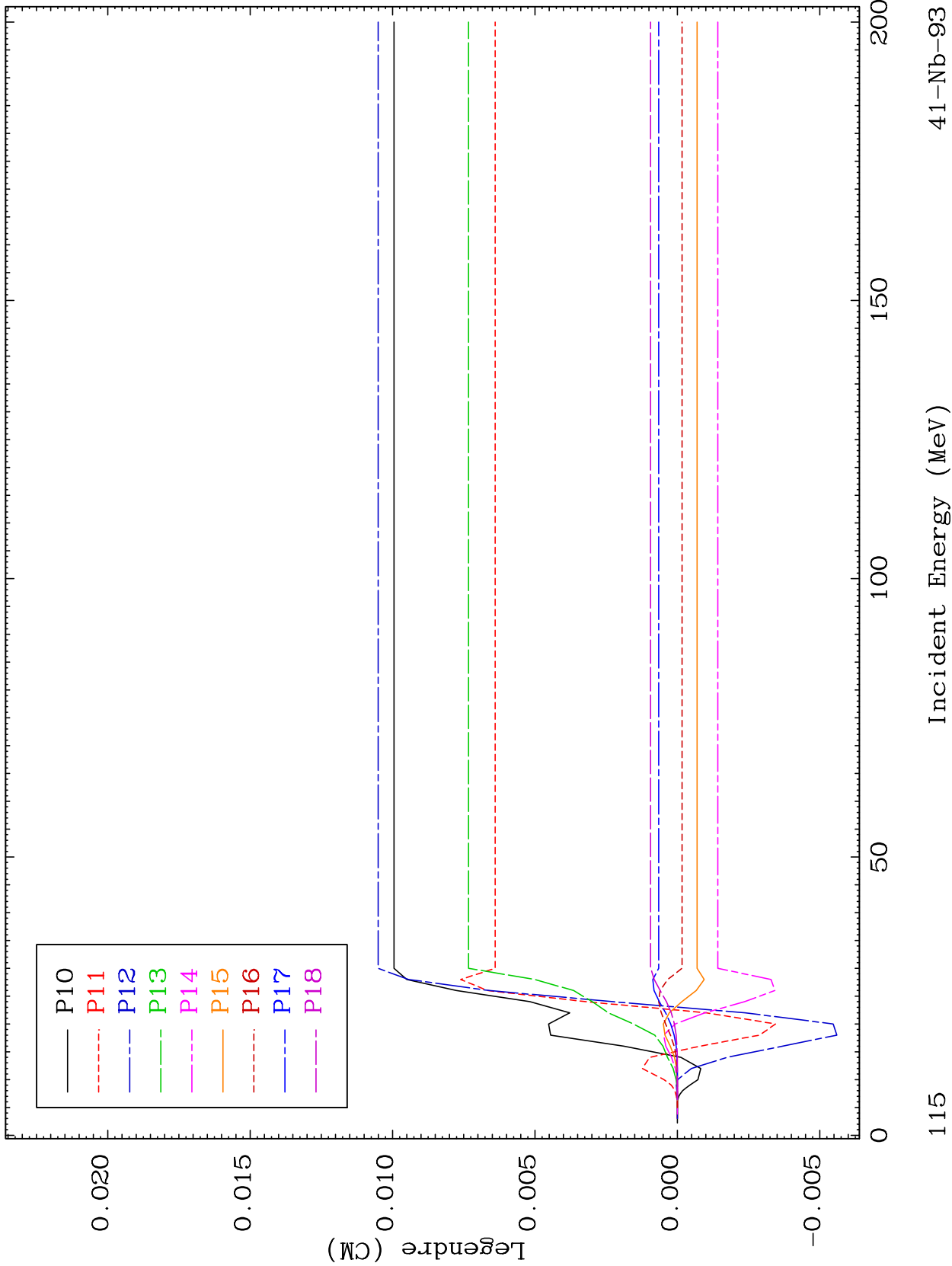
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



115

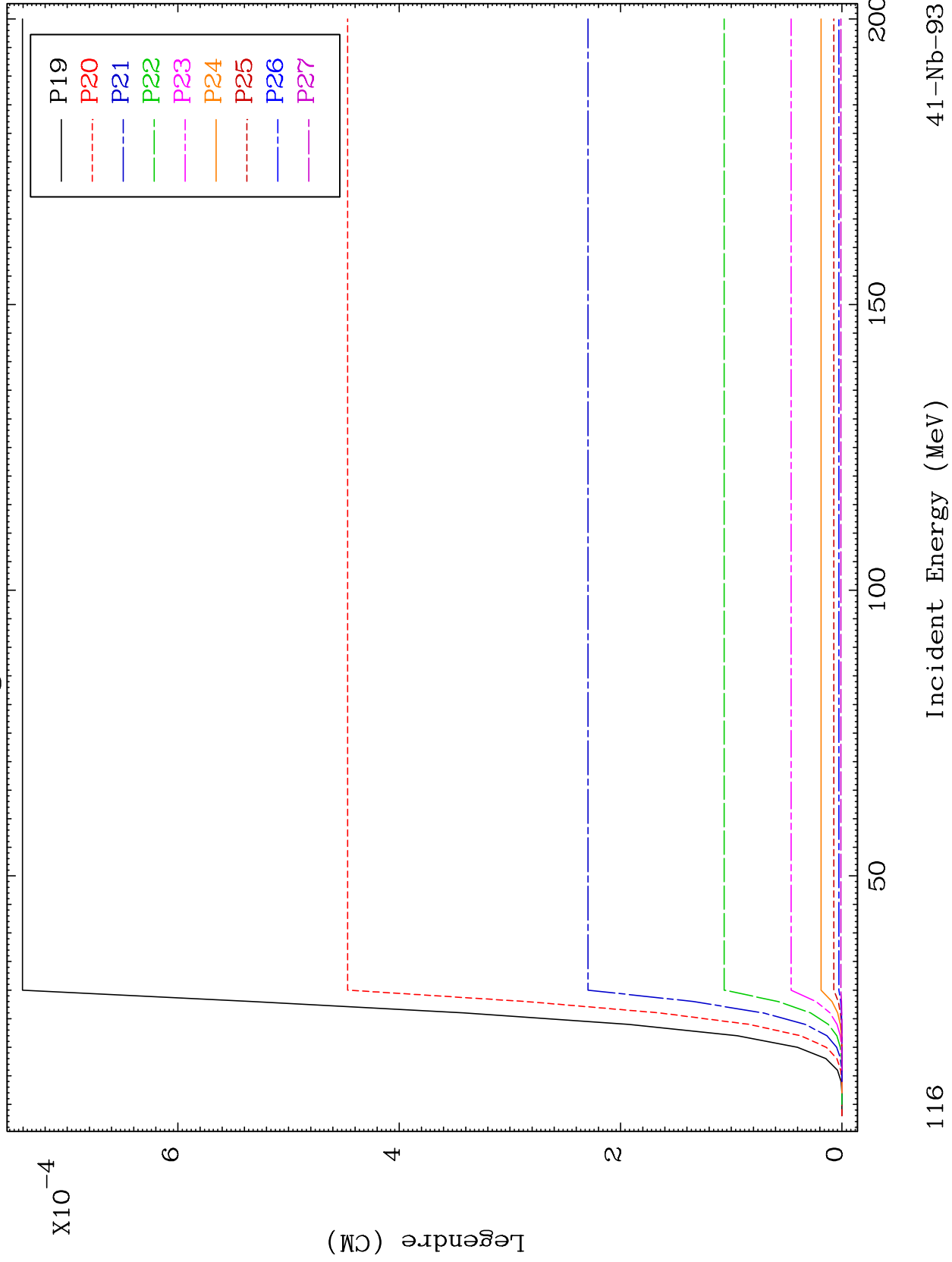
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

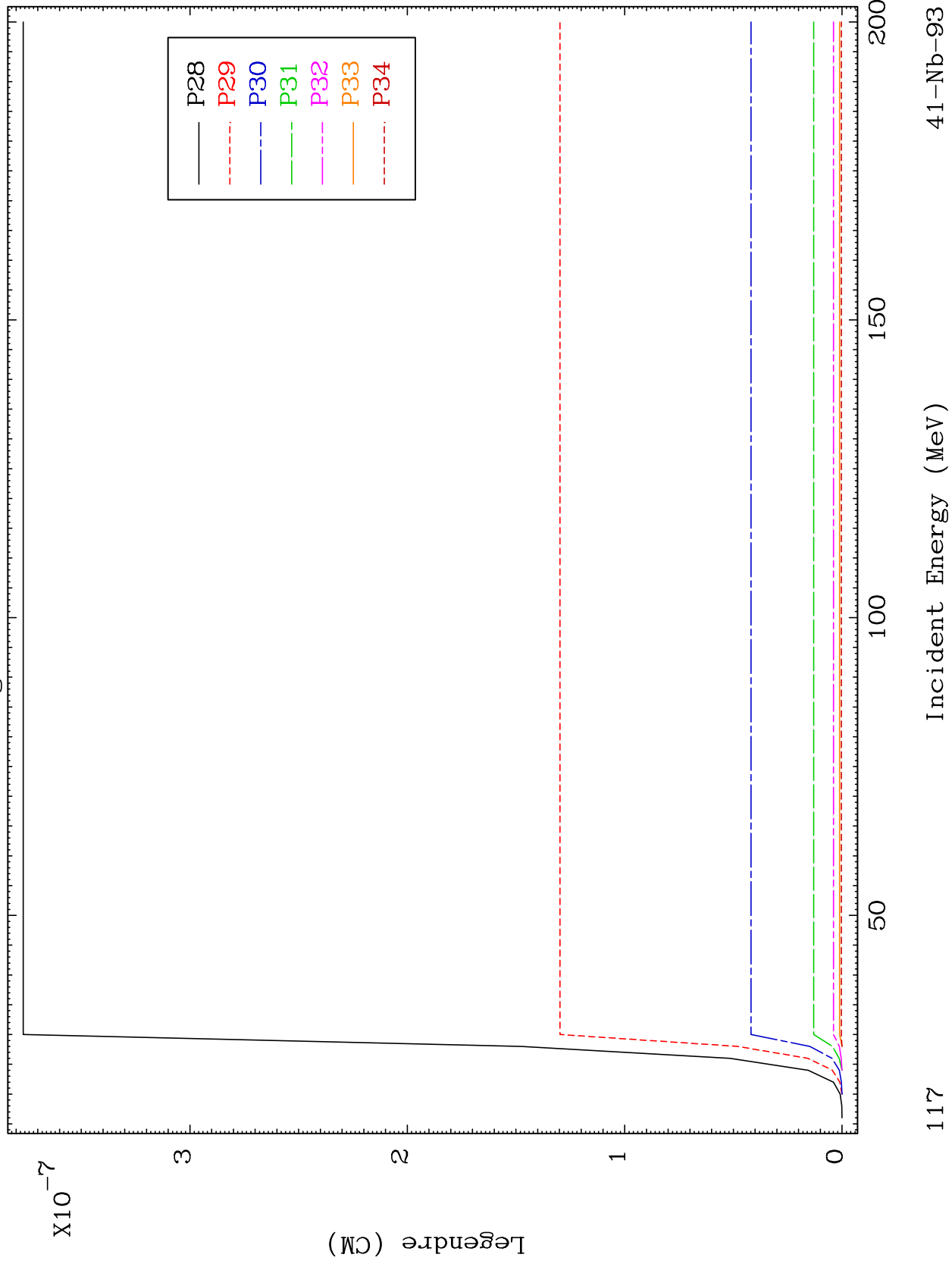


116

MAT 4125

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

41-Nb-93

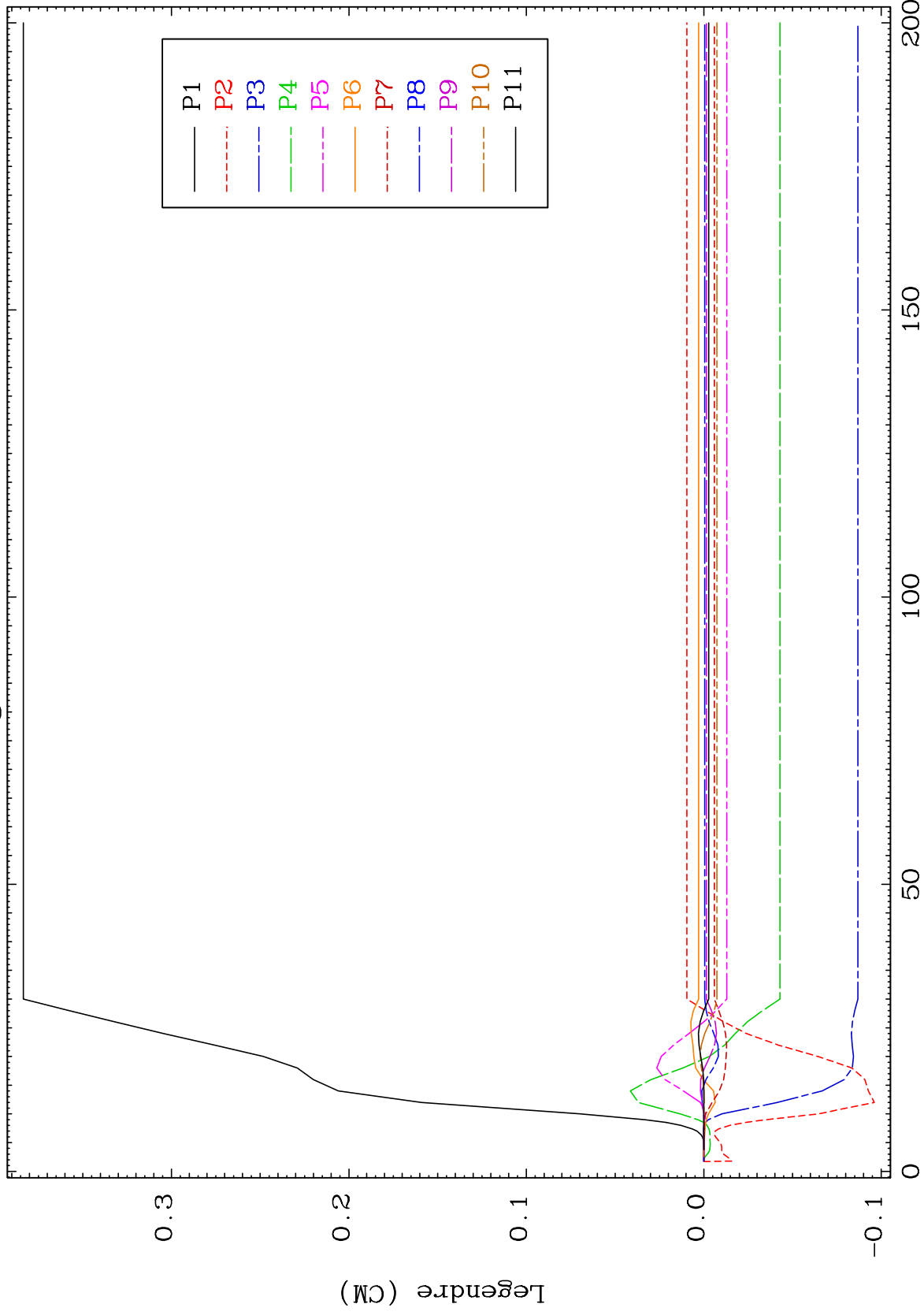


117

MAT 4125

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

41-Nb-93



118

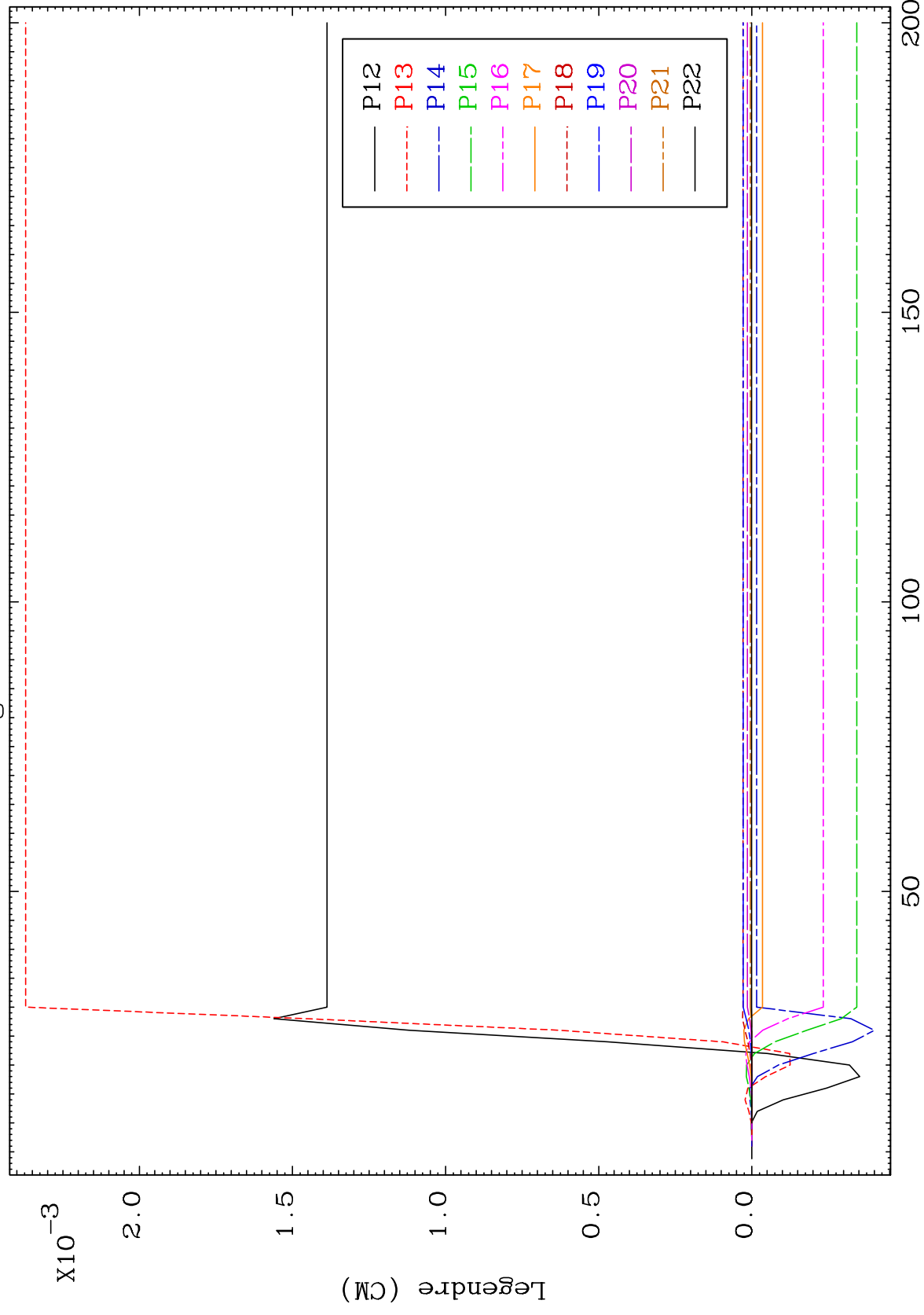
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



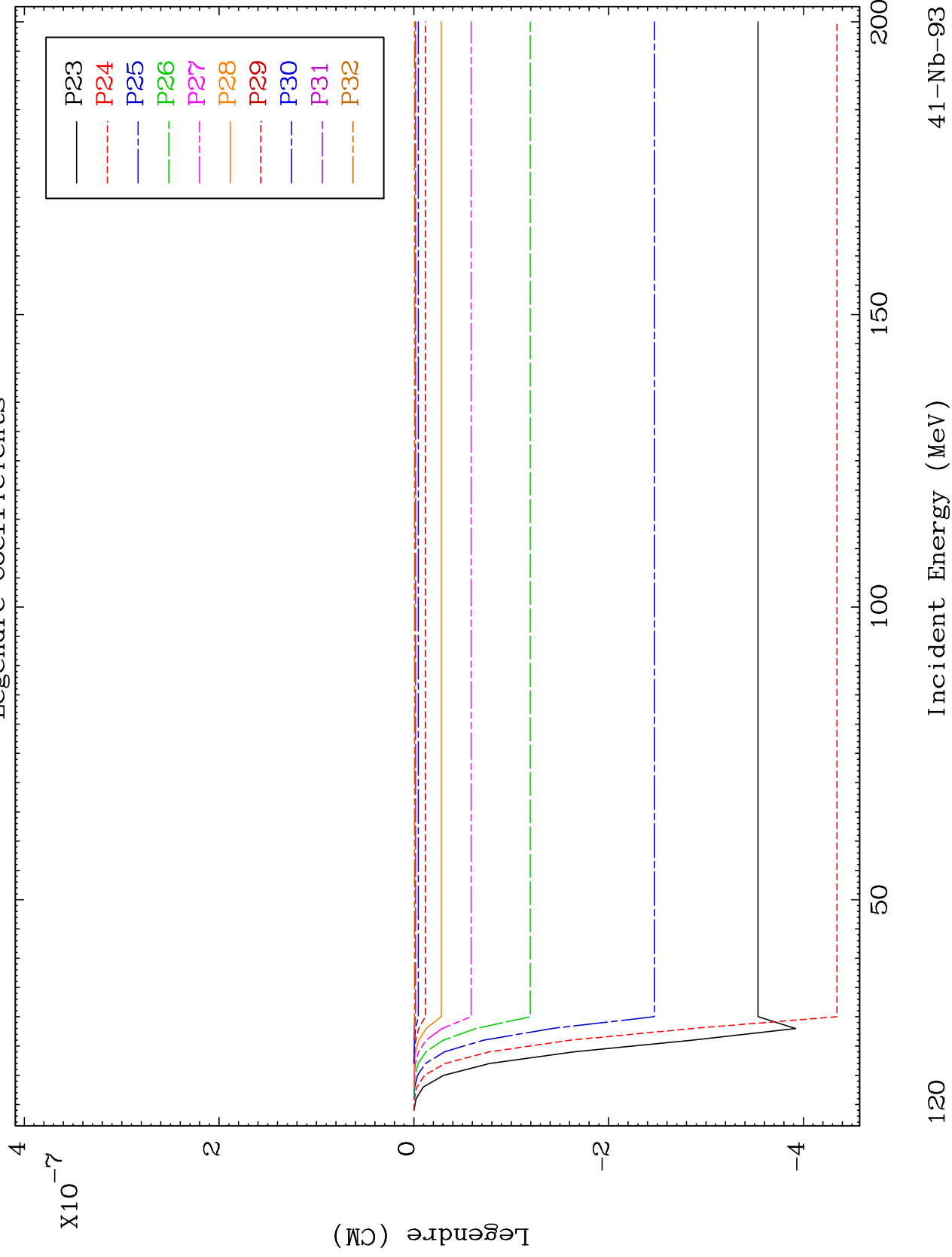
119

41-Nb-93

MAT 4125

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

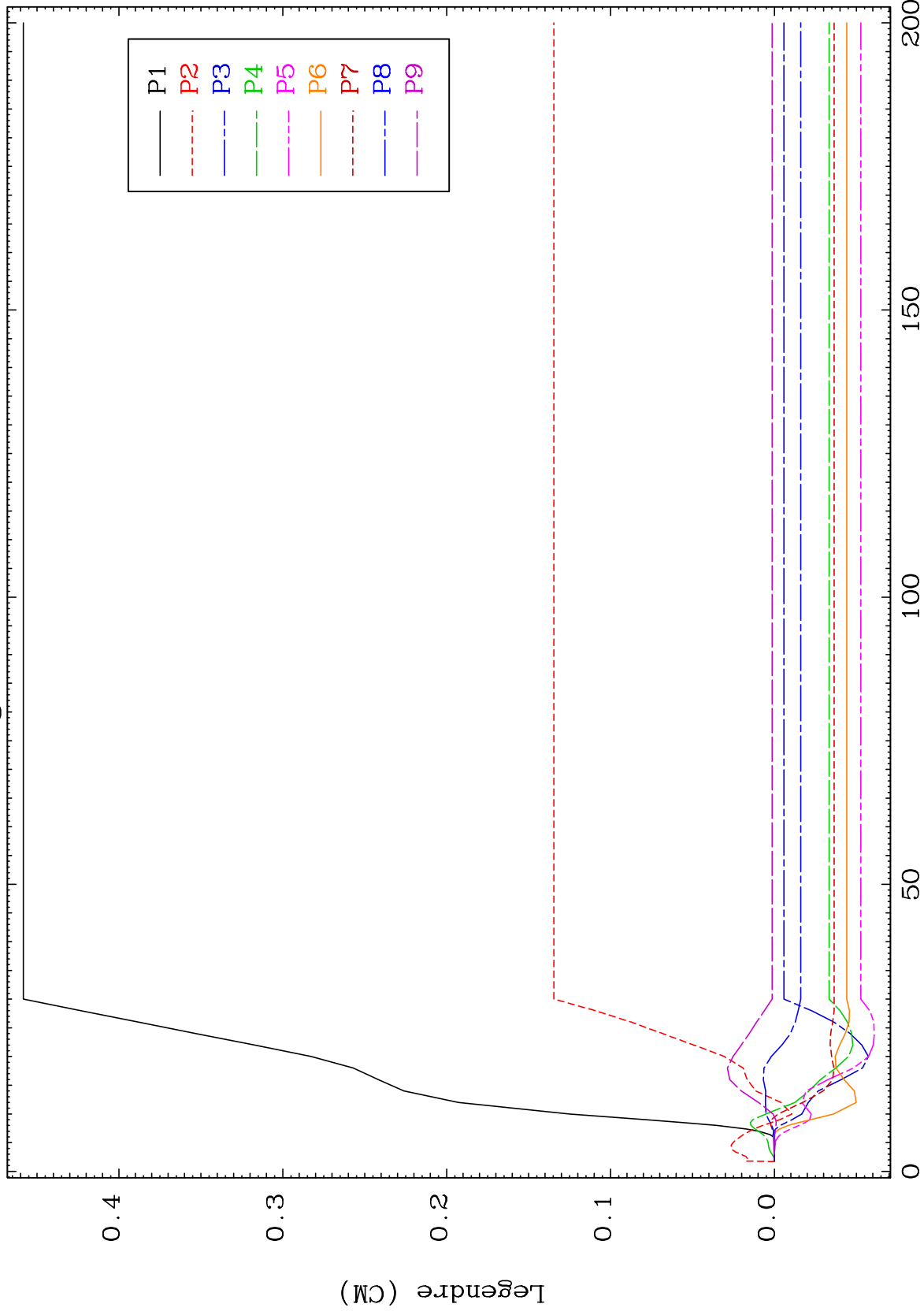
41-Nb-93



MAT 4125

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

41-Nb-93



121

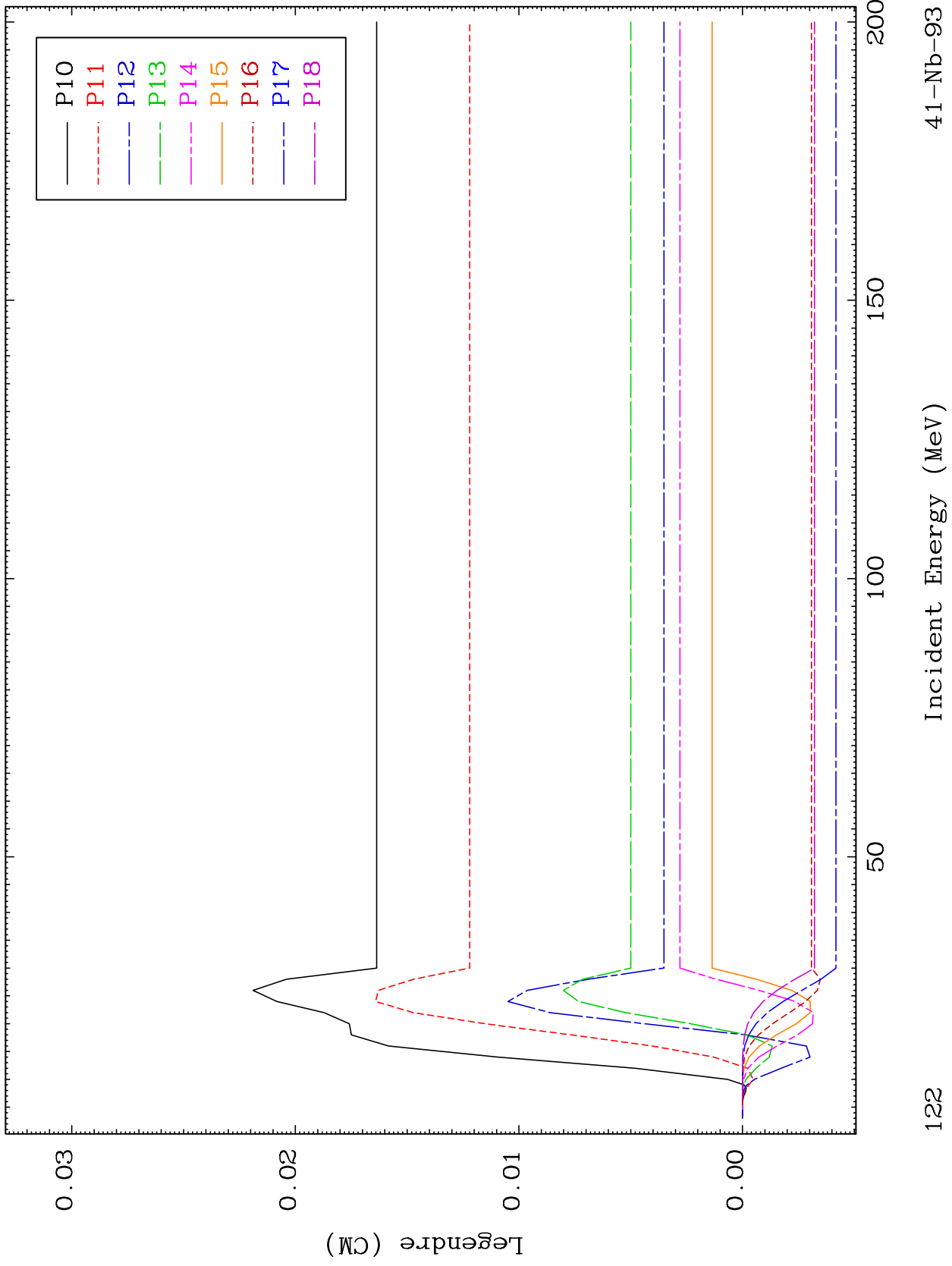
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

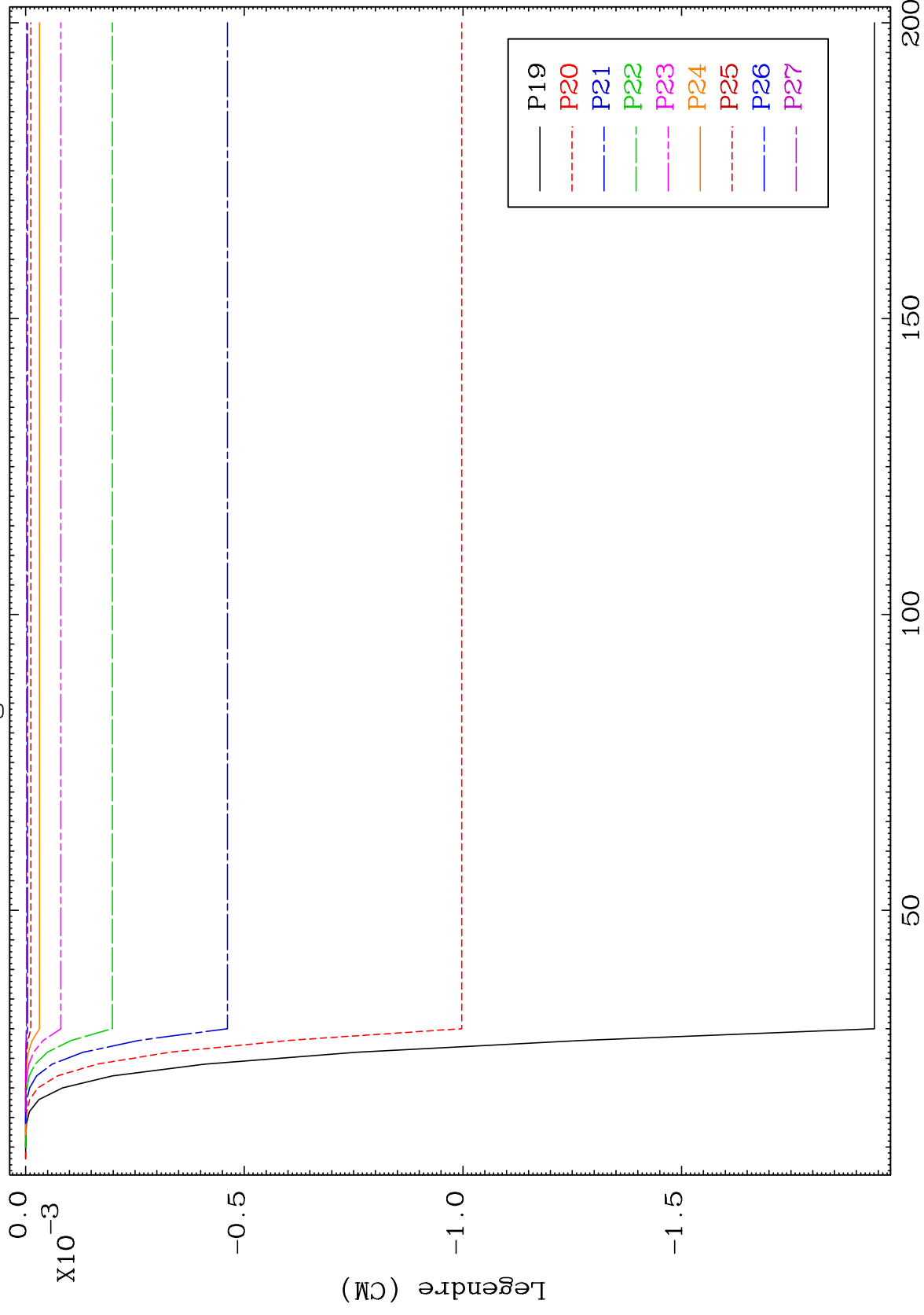
41-Nb-93

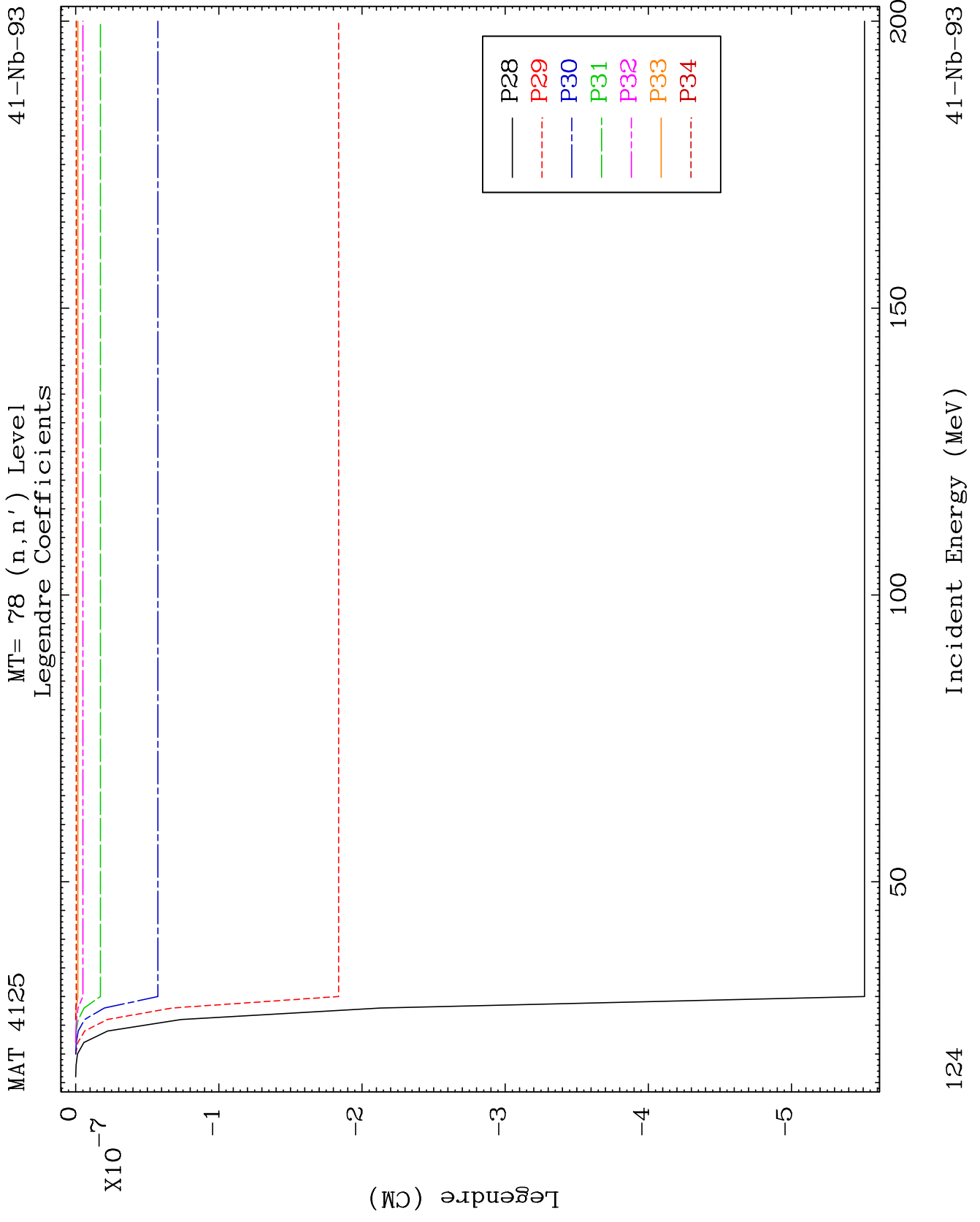


122

Incident Energy (MeV)

41-Nb-93

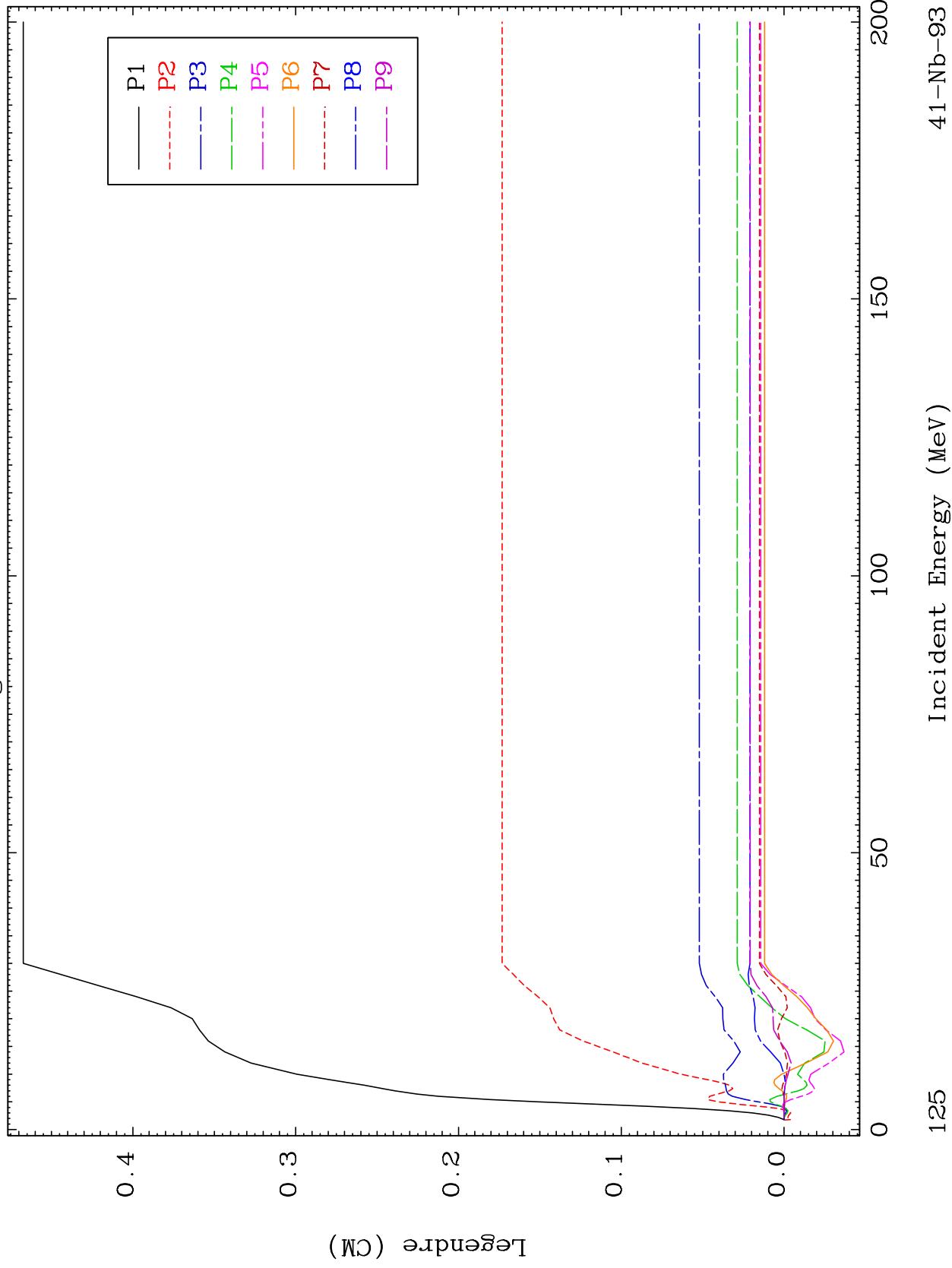




MAT 4125

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

41-Nb-93



41-Nb-93

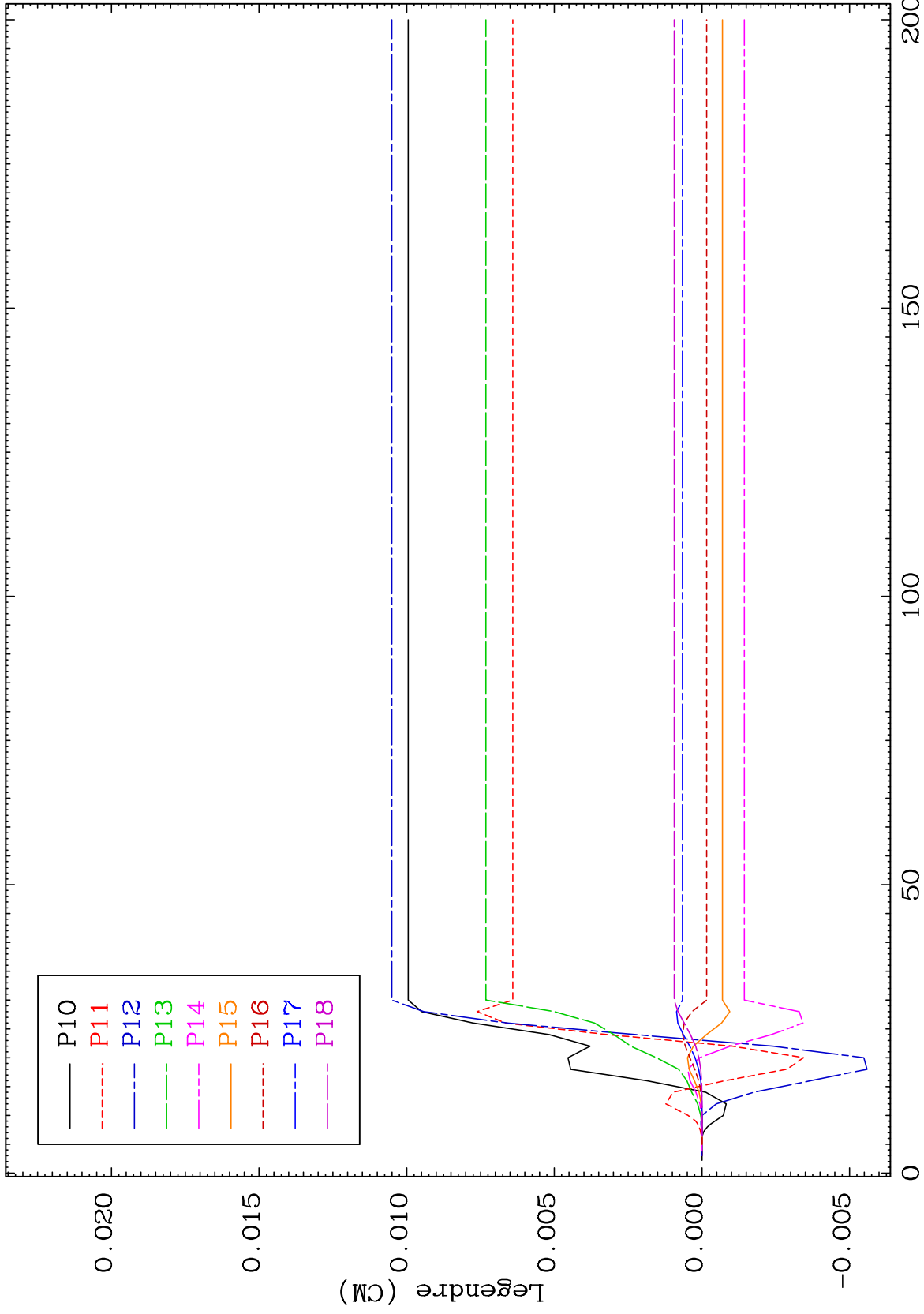
Incident Energy (MeV)

125

MAT 4125

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

41-Nb-93



126

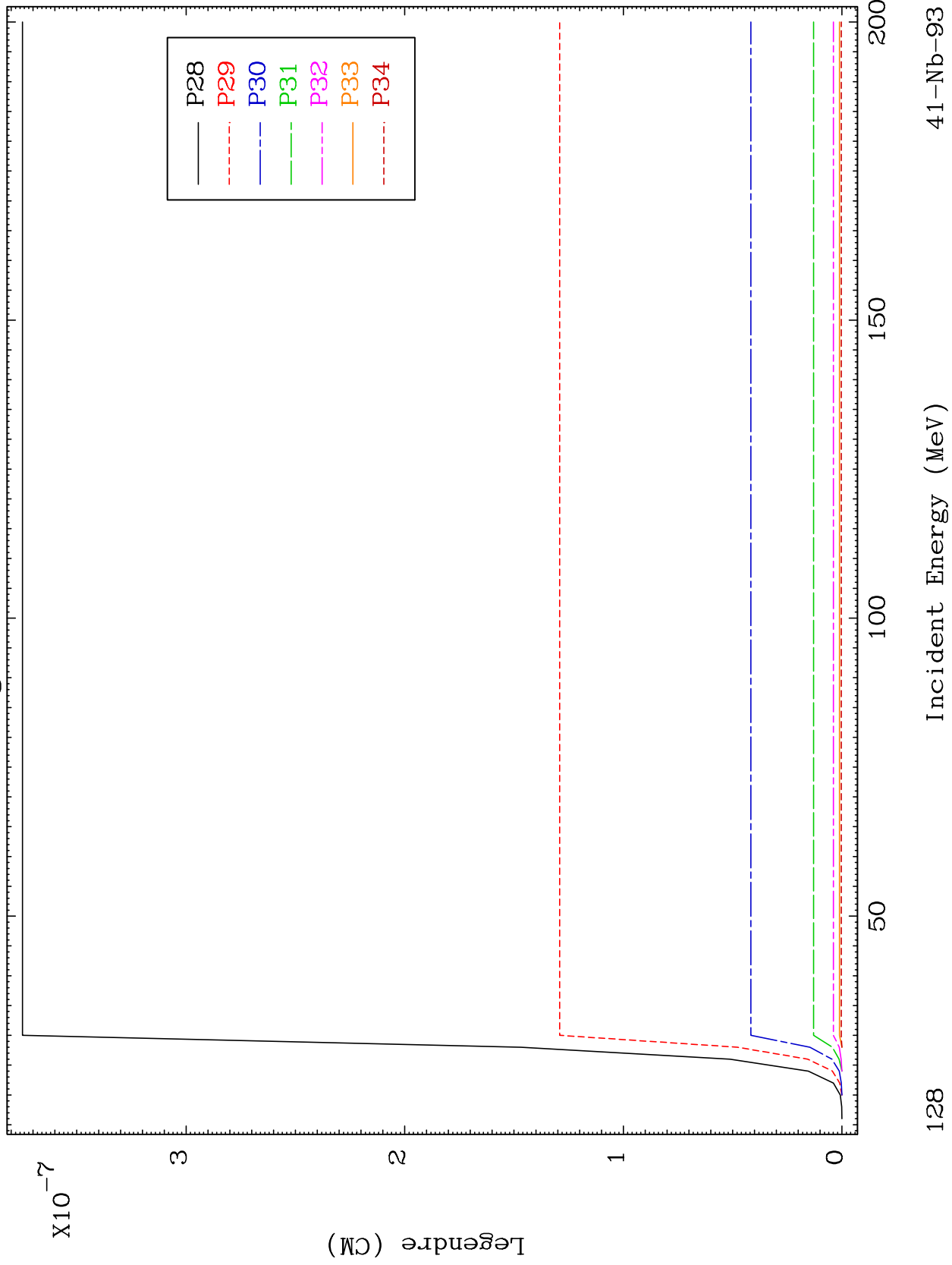
Incident Energy (MeV)

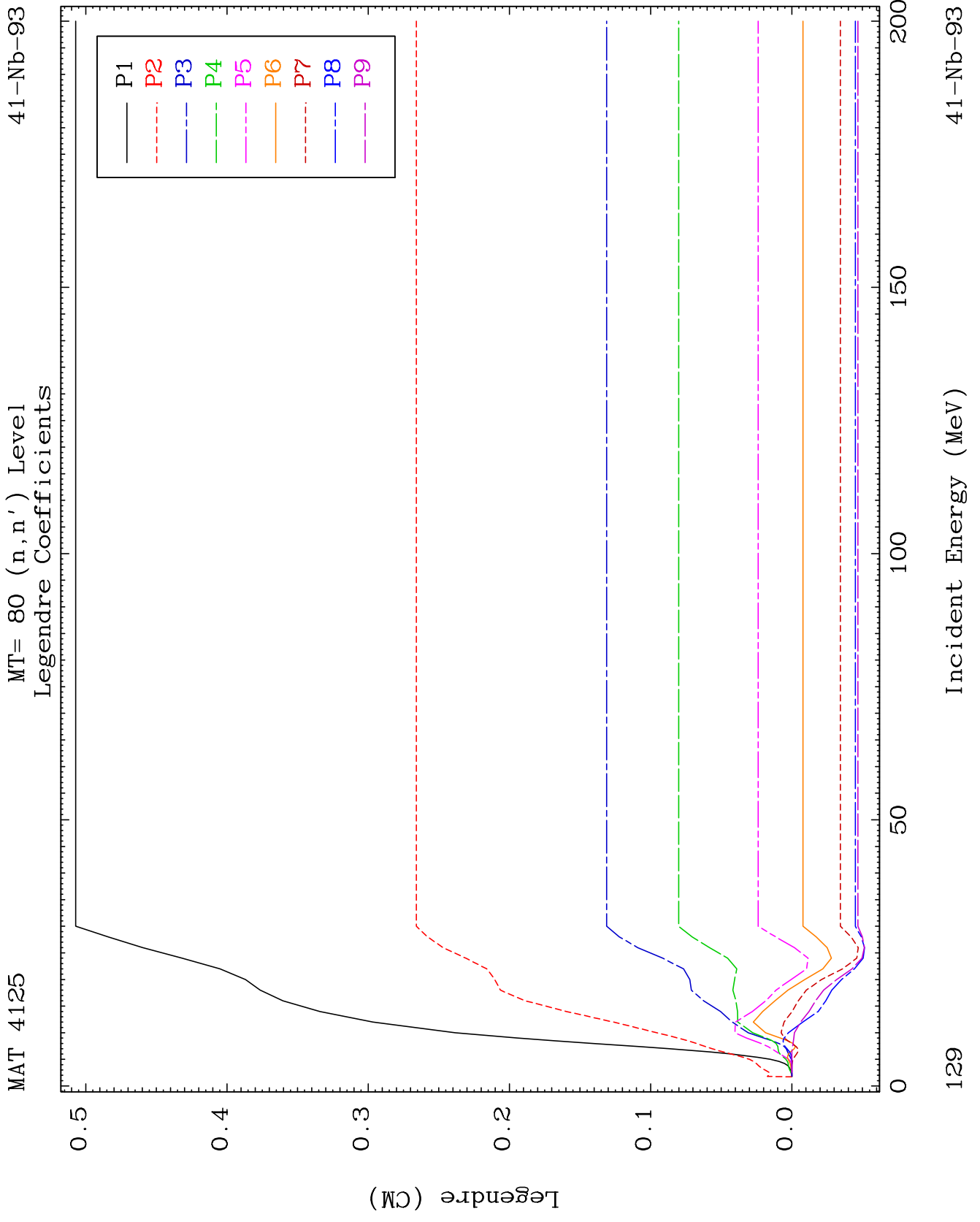
41-Nb-93

MAT 4125

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

41-Nb-93

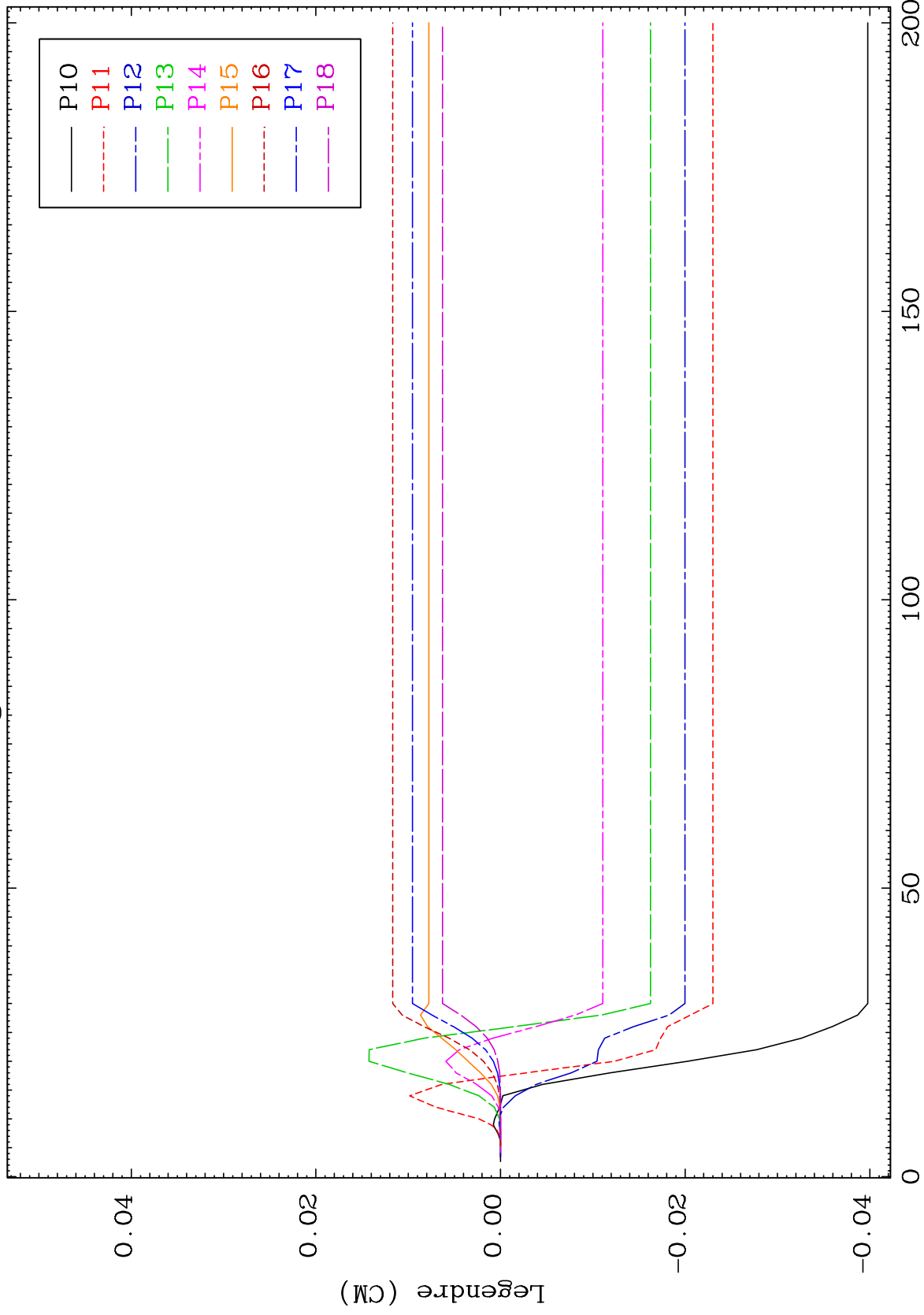




MAT 4125

MT= 80 (n,n') Level
Legendre Coefficients

41-Nb-93



130

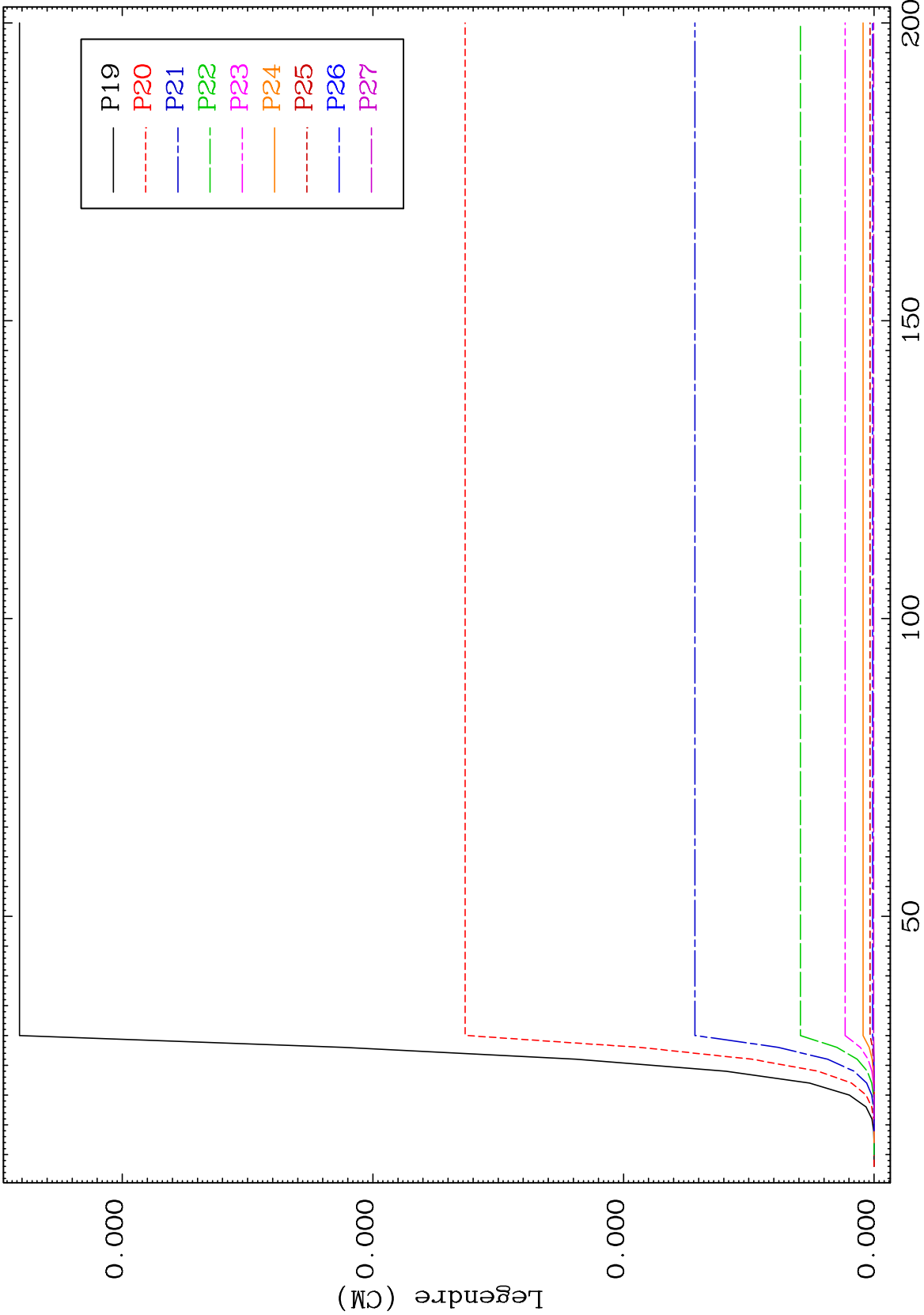
Incident Energy (MeV)

41-Nb-93

MAT 4125

MT= 80 (n,n') Level
Legendre Coefficients

41-Nb-93



41-Nb-93

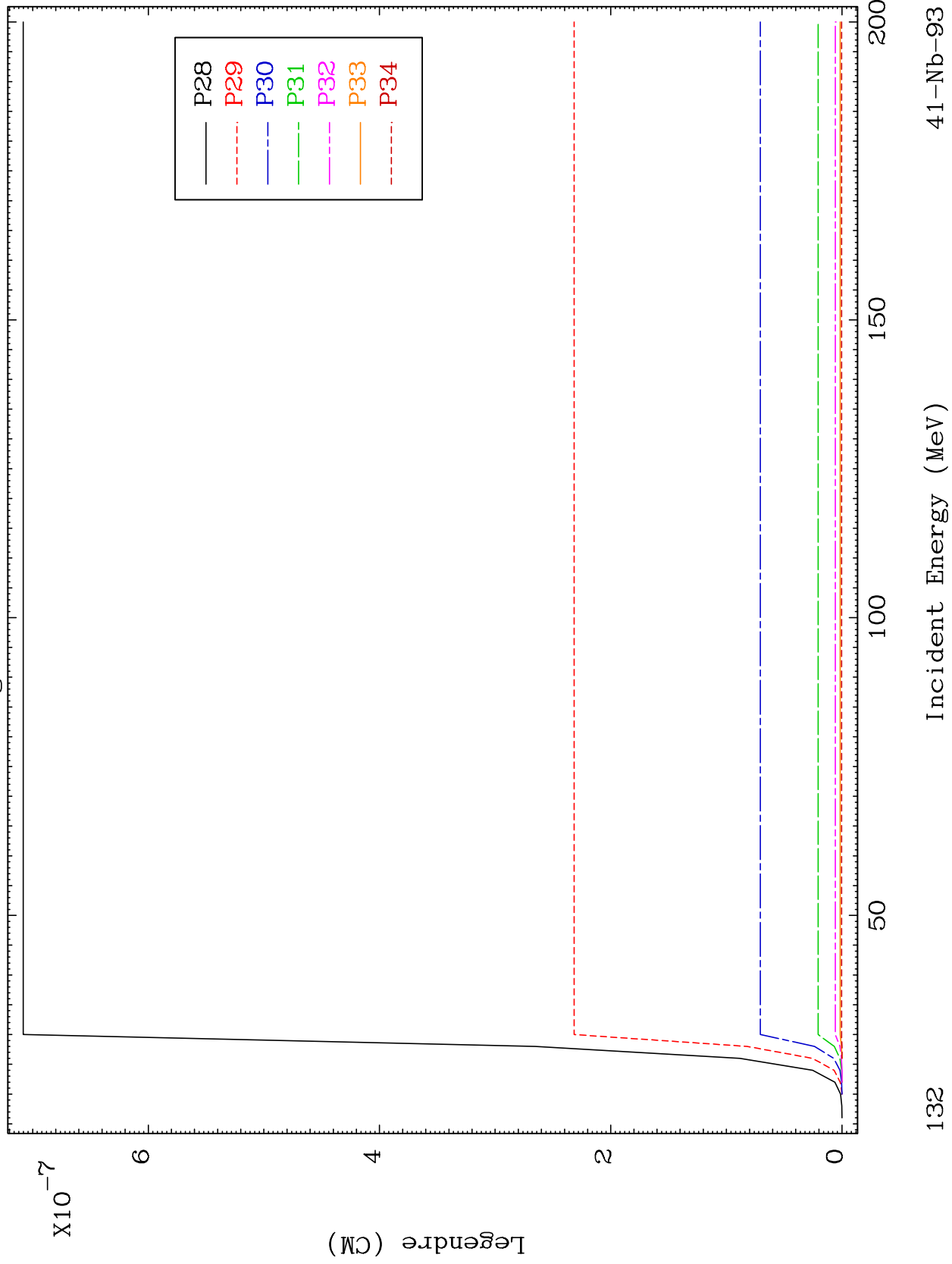
Incident Energy (MeV)

131

MAT 4125

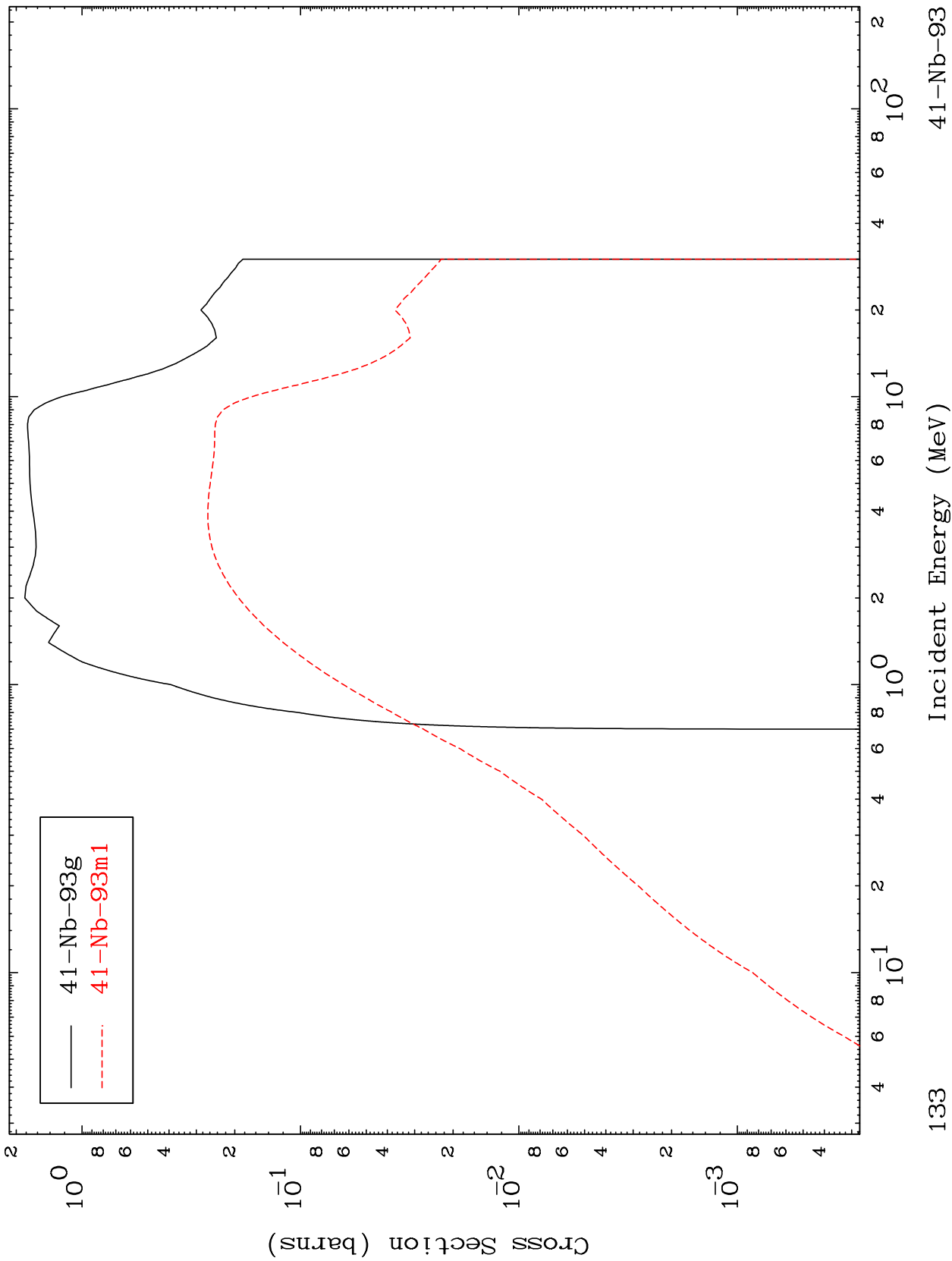
MT= 80 (n,n') Level
Legendre Coefficients

41-Nb-93



132

Inelastic
Radionuclide Production Cross Section

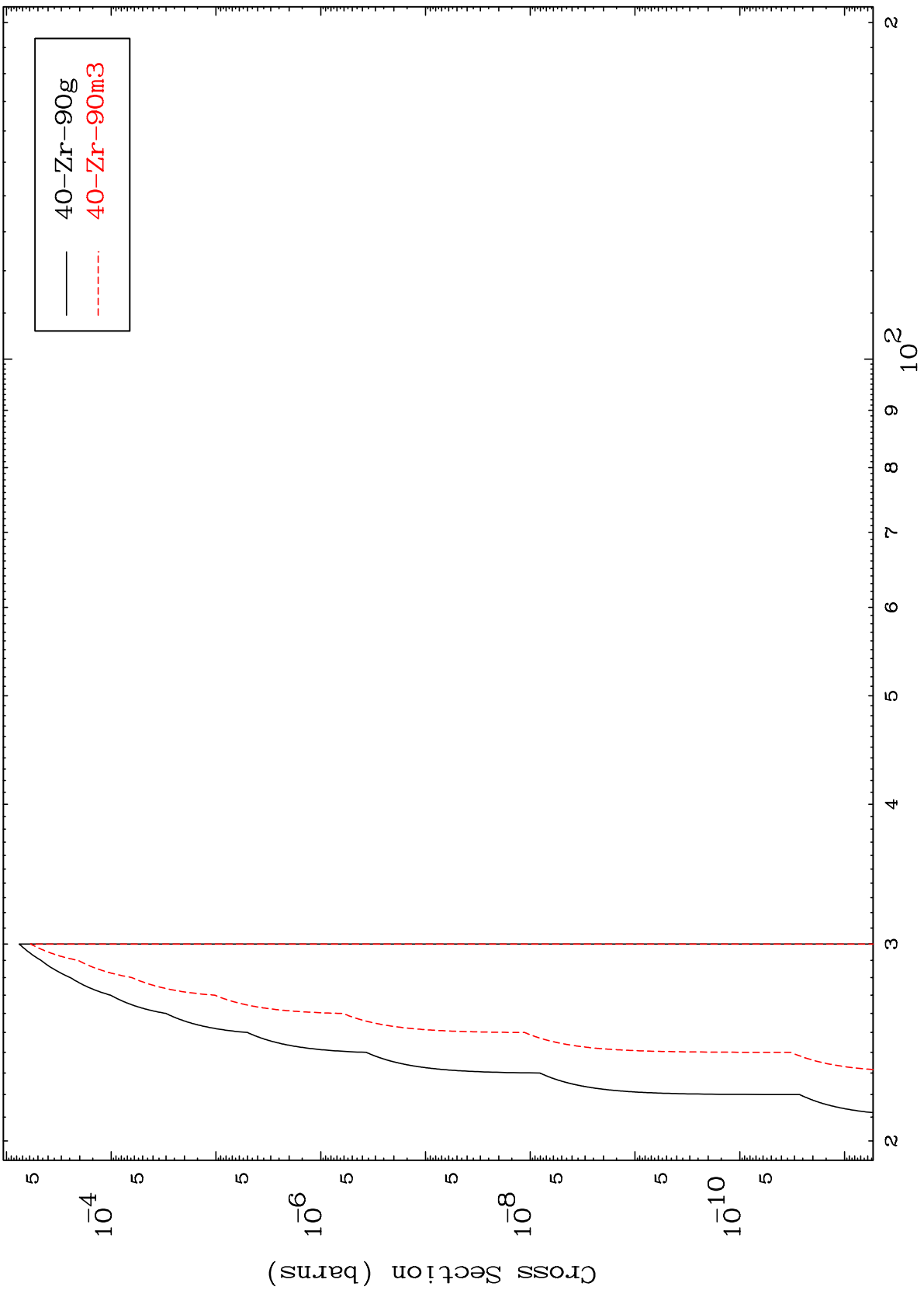


MAT 4125

(n,2n) d

41-Nb-93

Radionuclide Production Cross Section



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

134

Incident Energy (MeV)

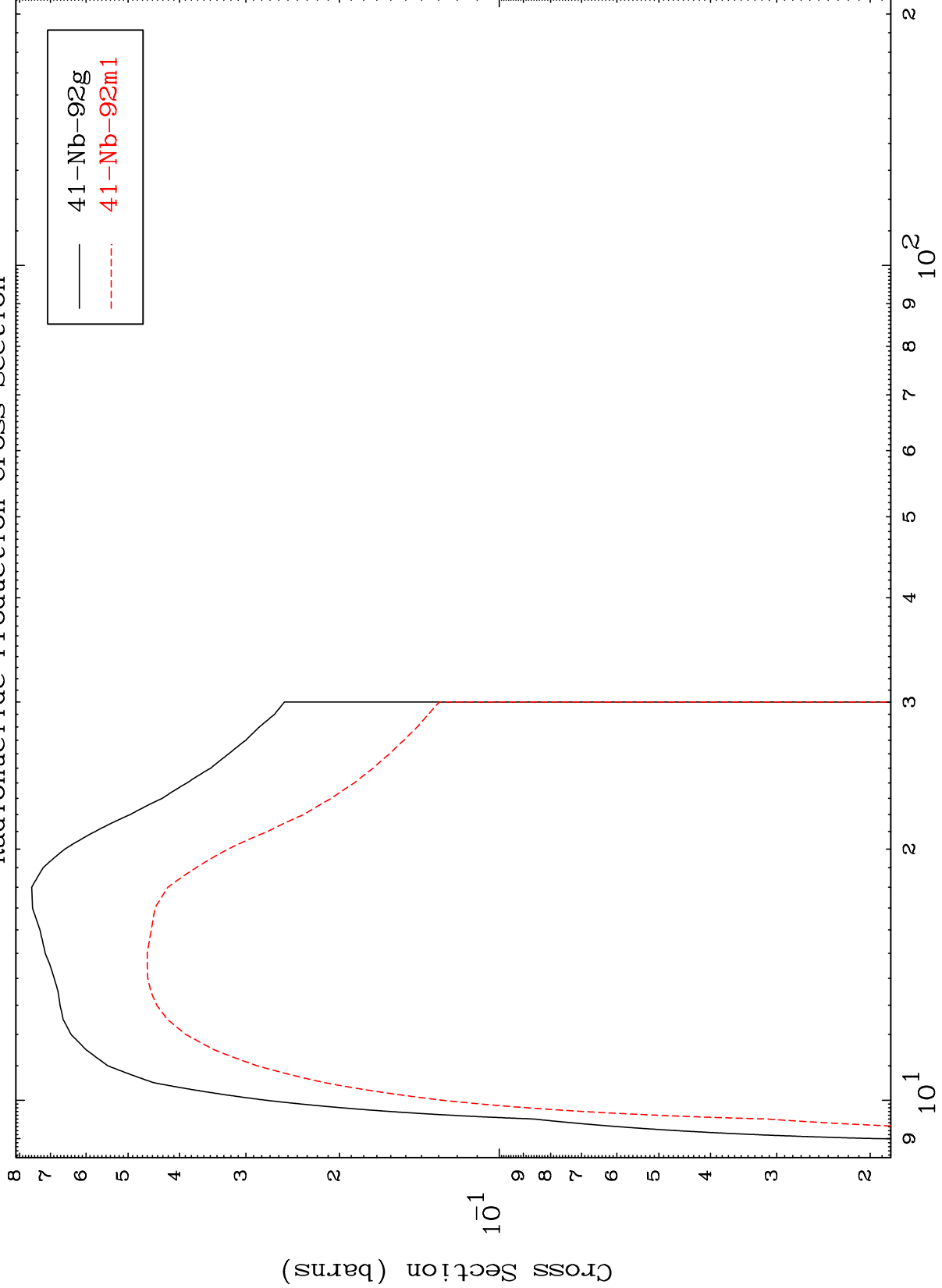
41-Nb-93

MAT 4125

(n,2n)

41-Nb-93

Radionuclide Production Cross Section



41-Nb-92g
41-Nb-92m1

135

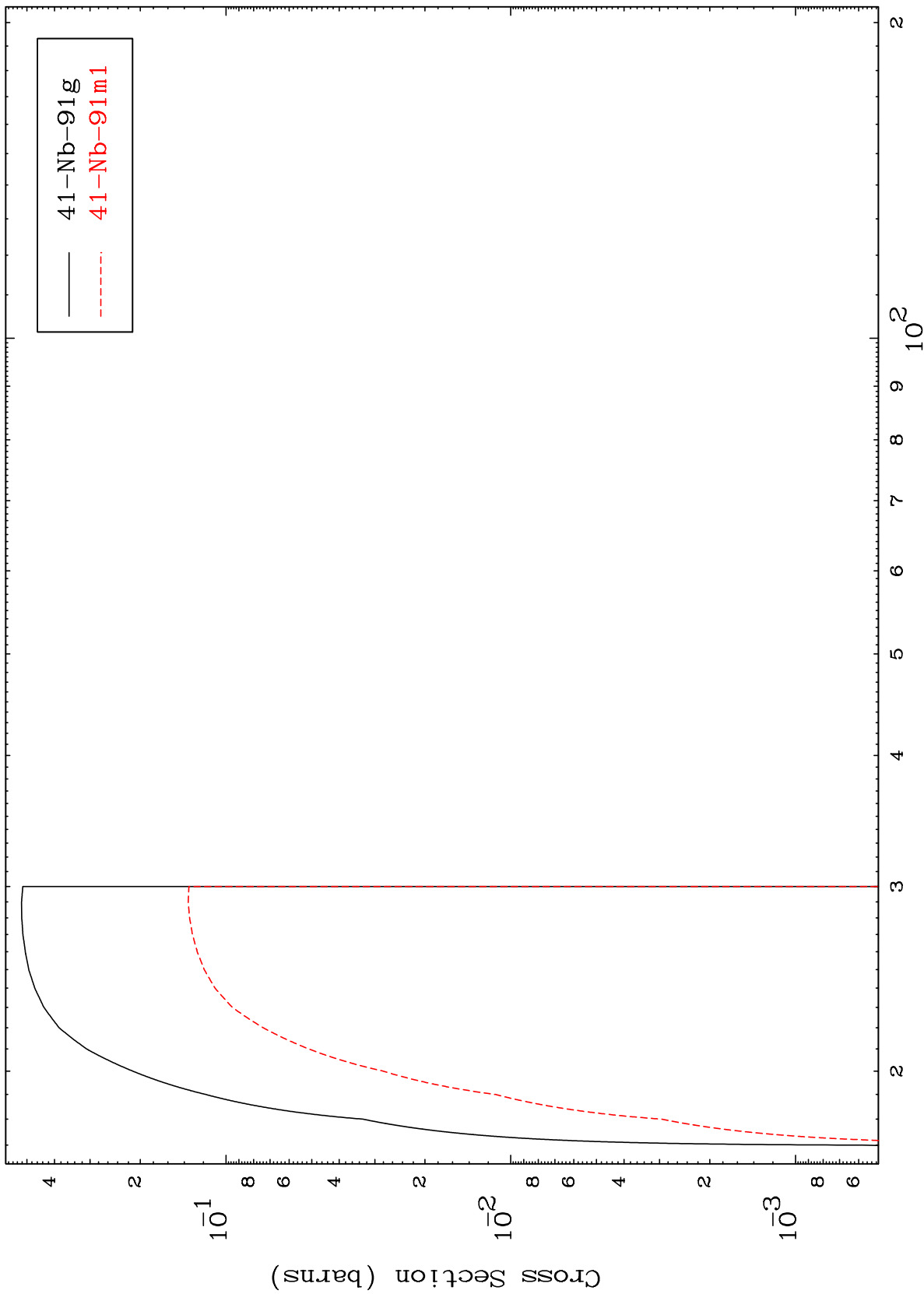
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

(n,3n)
Radionuclide Production Cross Section



136

41-Nb-93

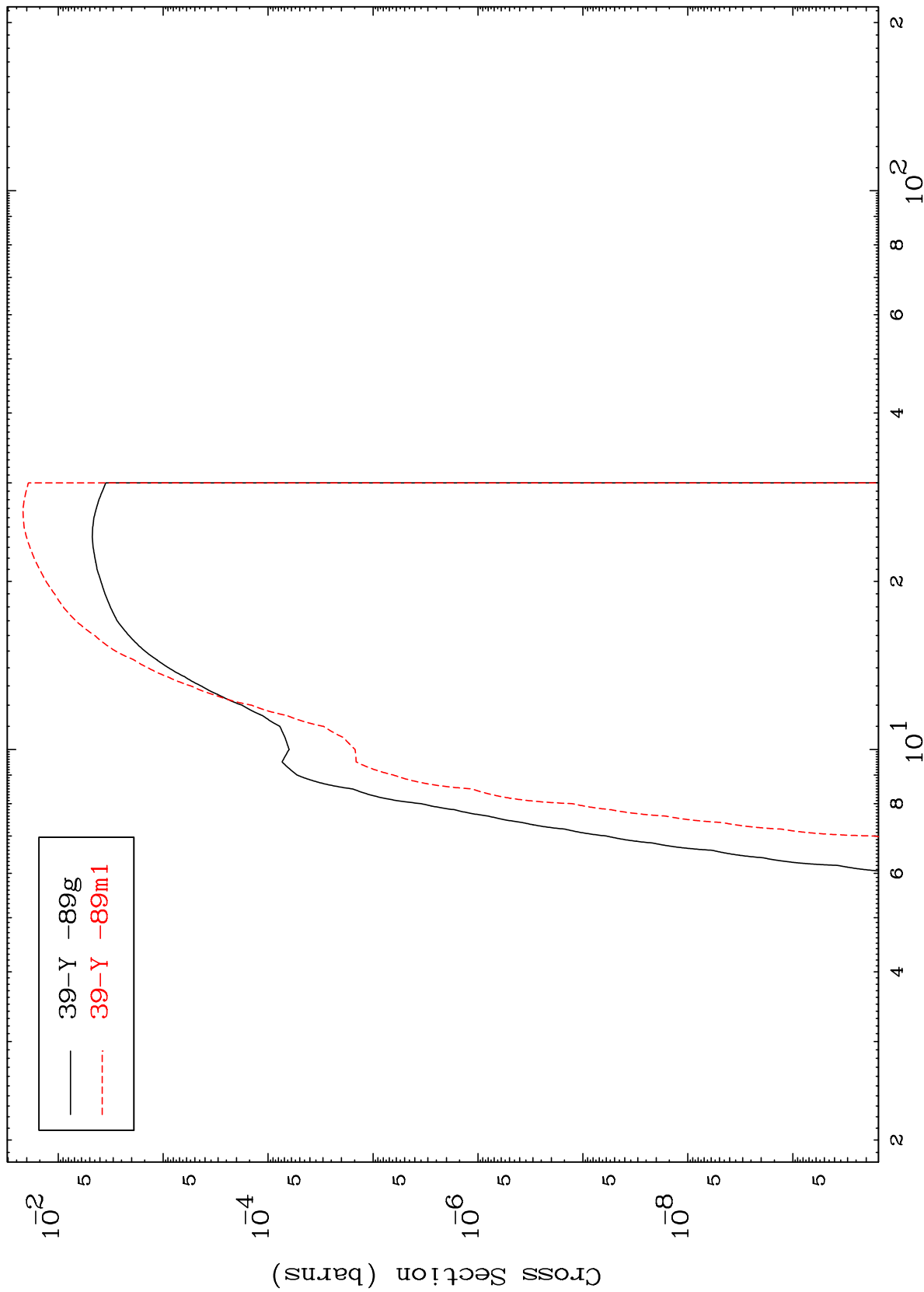
Incident Energy (MeV)

MAT 4125

(n,n') α

41-Nb-93

Radionuclide Production Cross Section



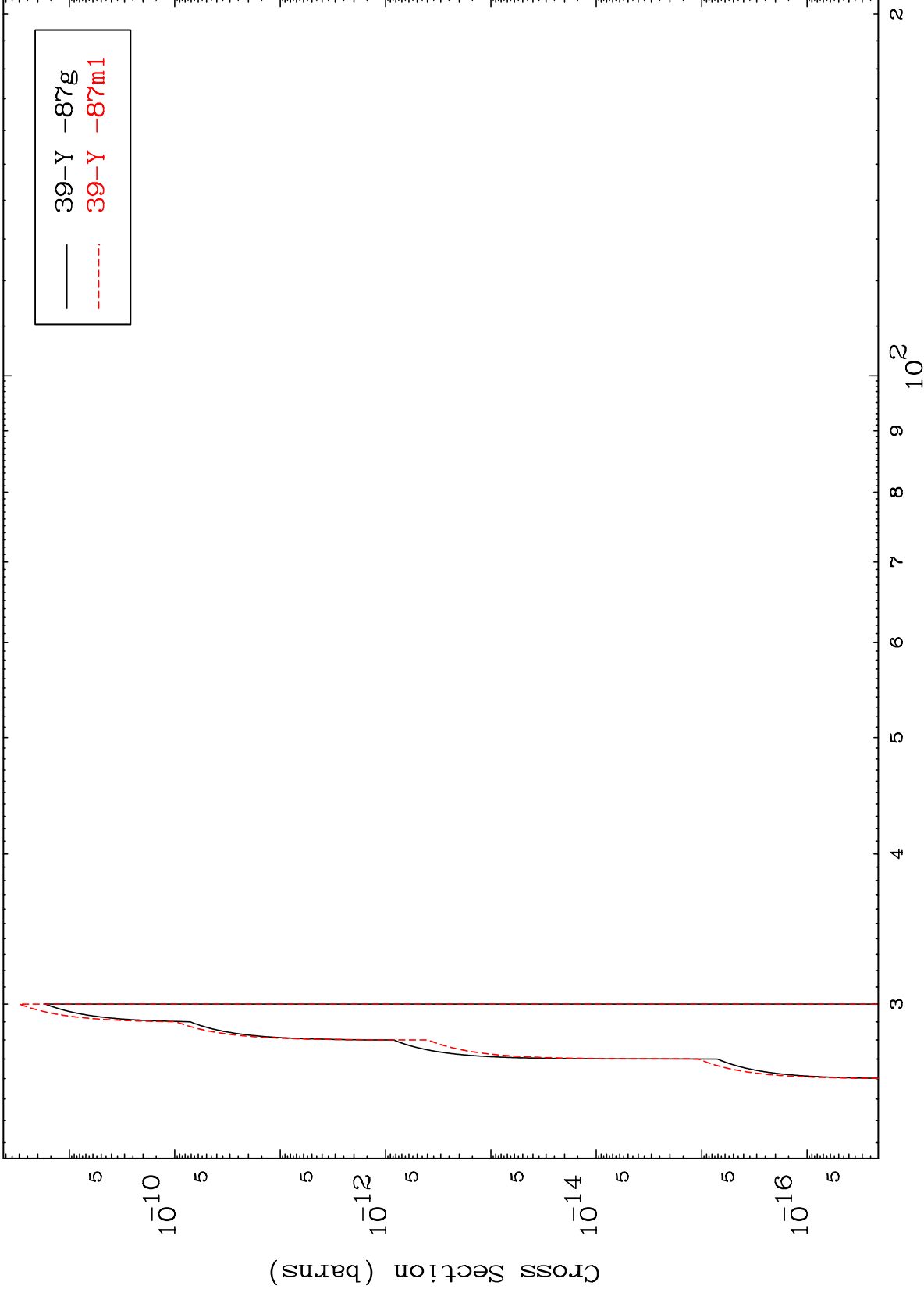
— 39-Y -89g
- - - 39-Y -89m1

137

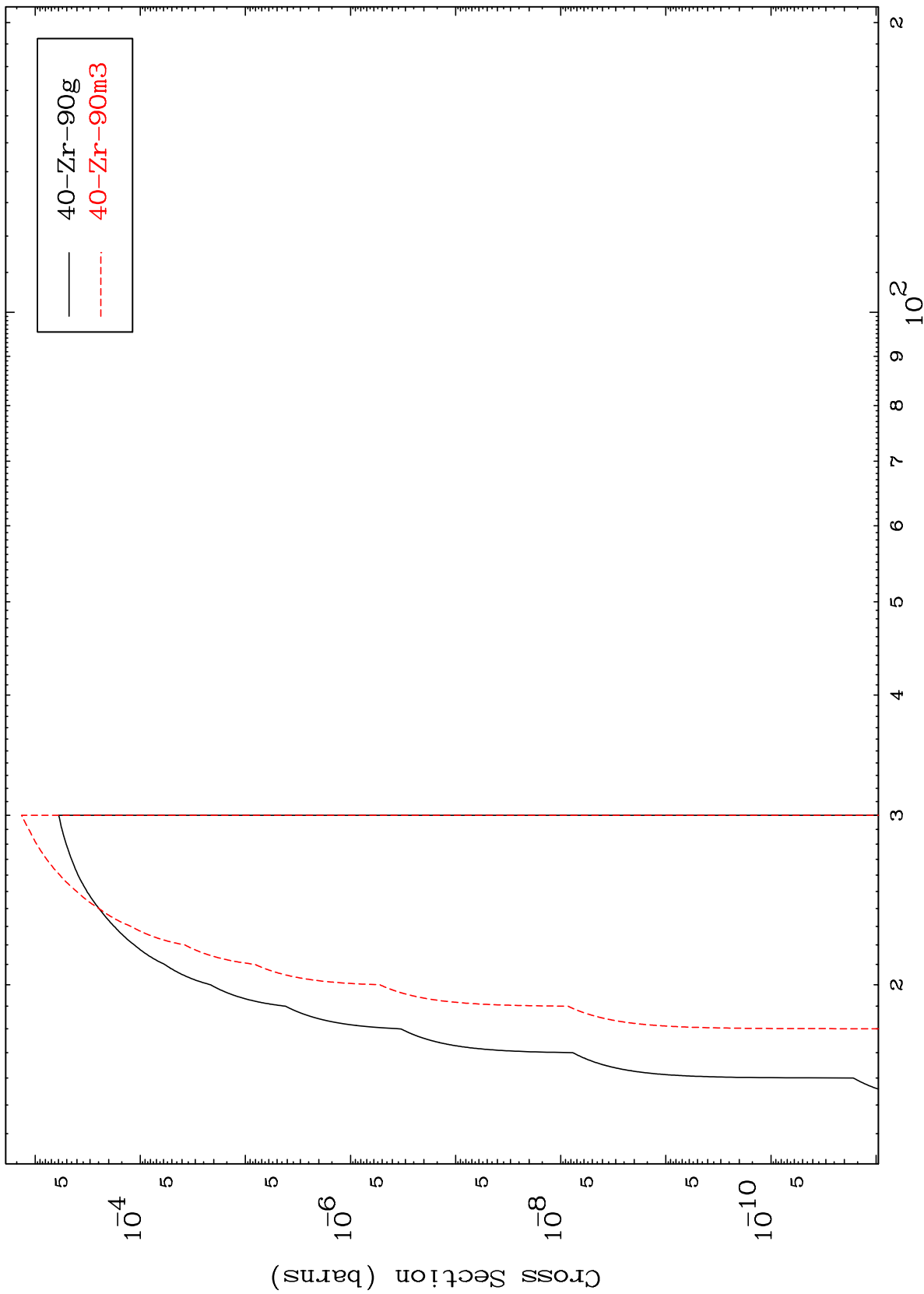
Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

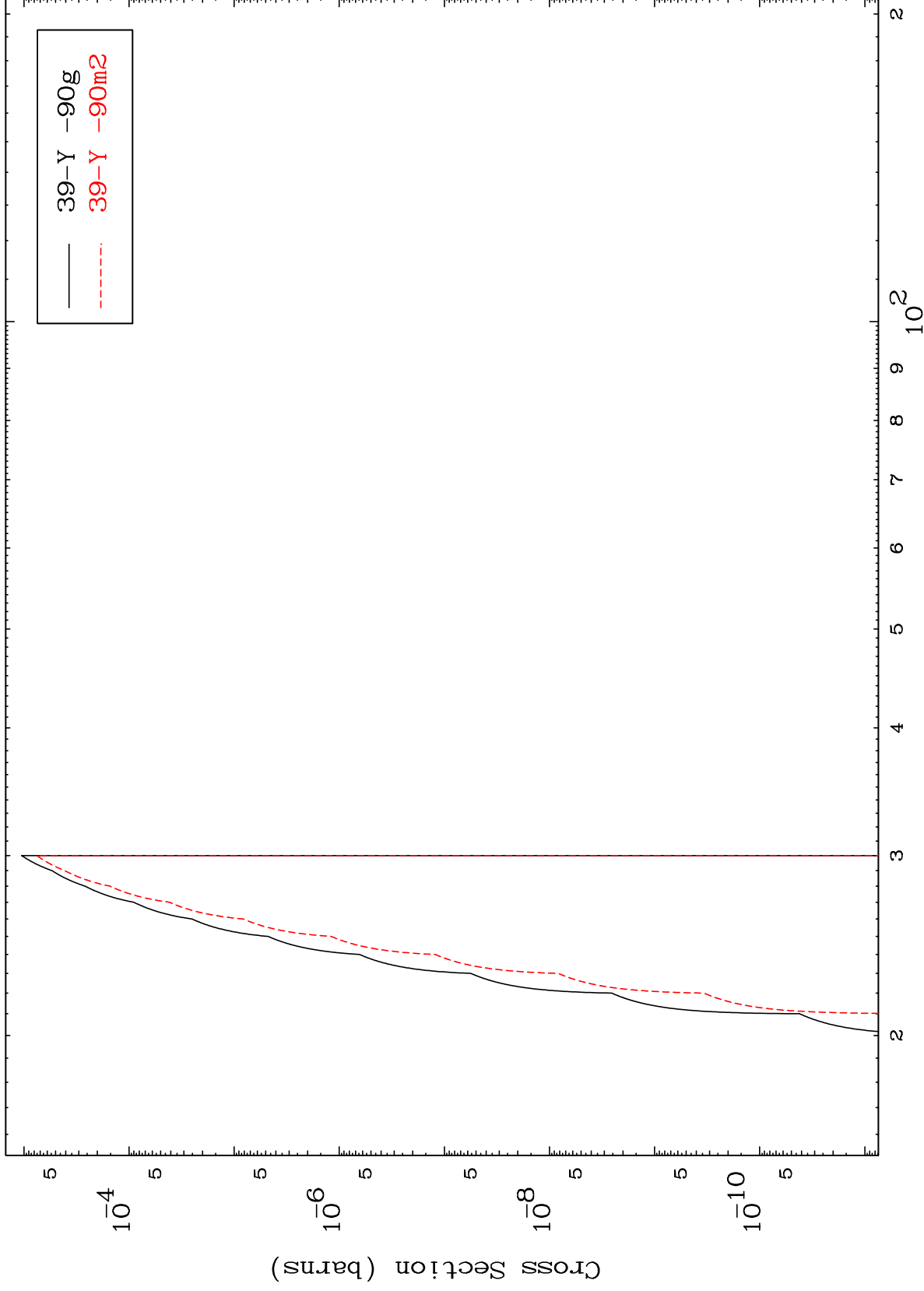


MAT 4125

(n,n') He-3

41-Nb-93

Radionuclide Production Cross Section



140

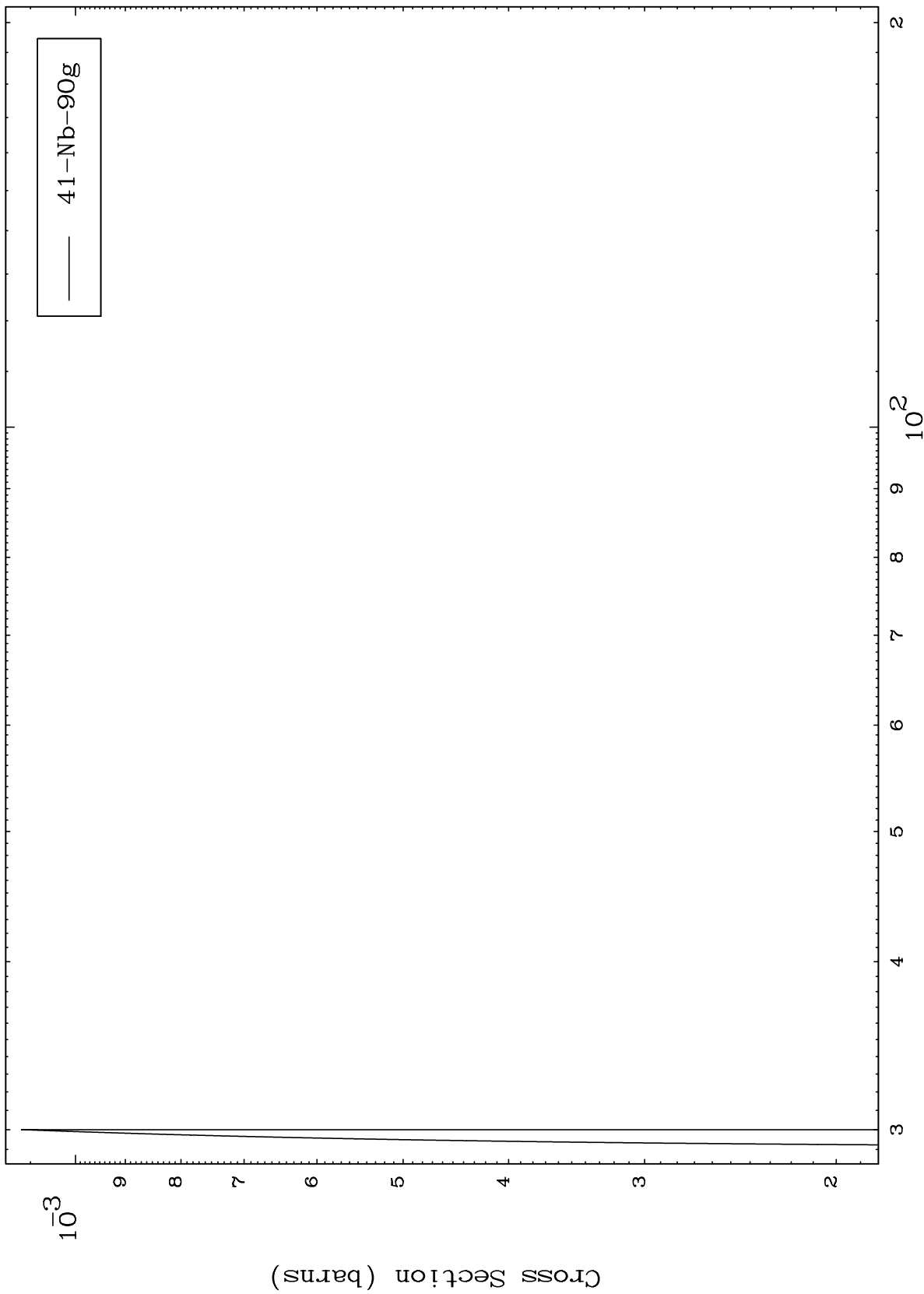
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

(n,4n)
Radionuclide Production Cross Section



141

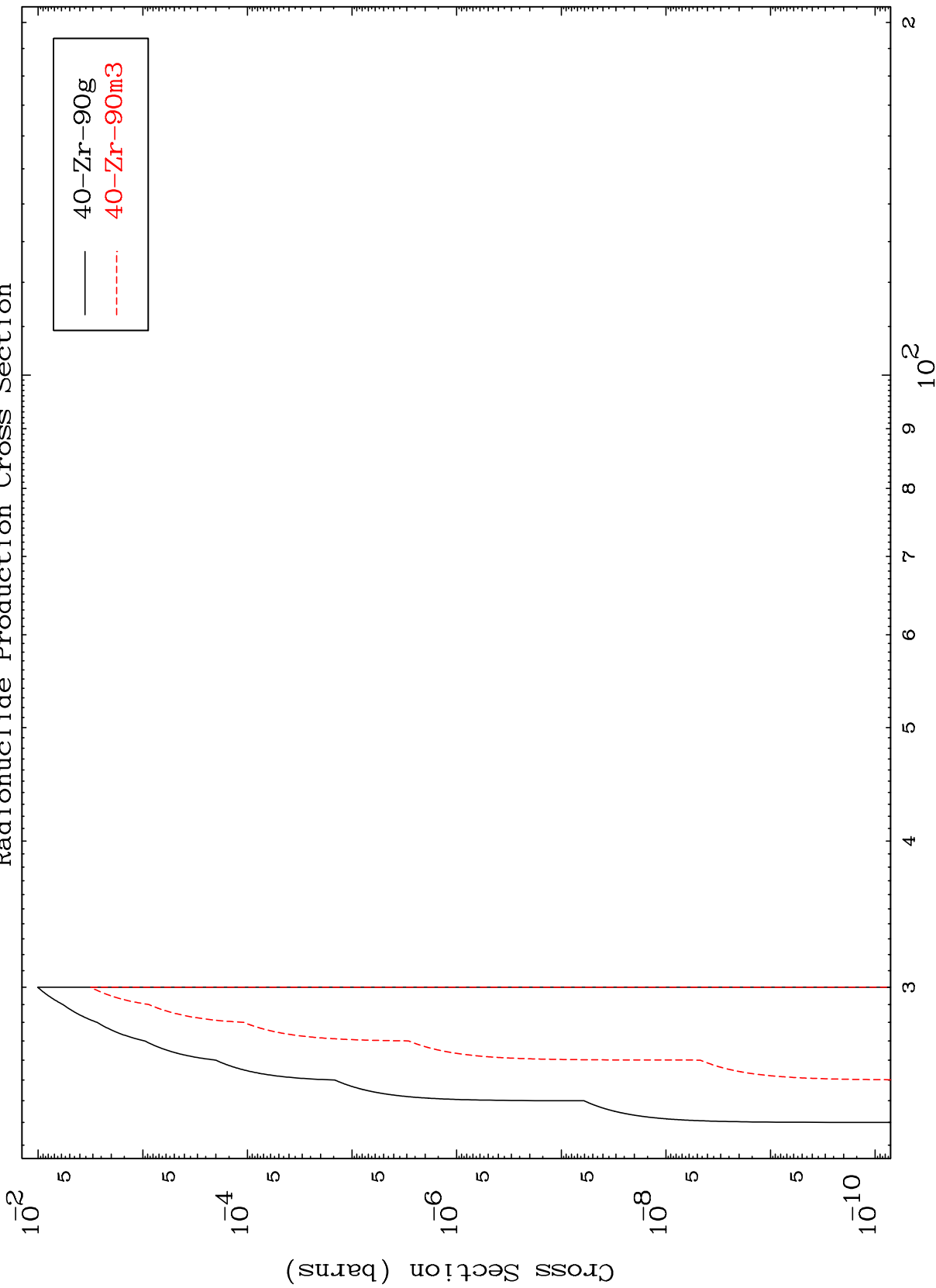
41-Nb-93

MAT 4125

(n,3n) p

41-Nb-93

Radionuclide Production Cross Section



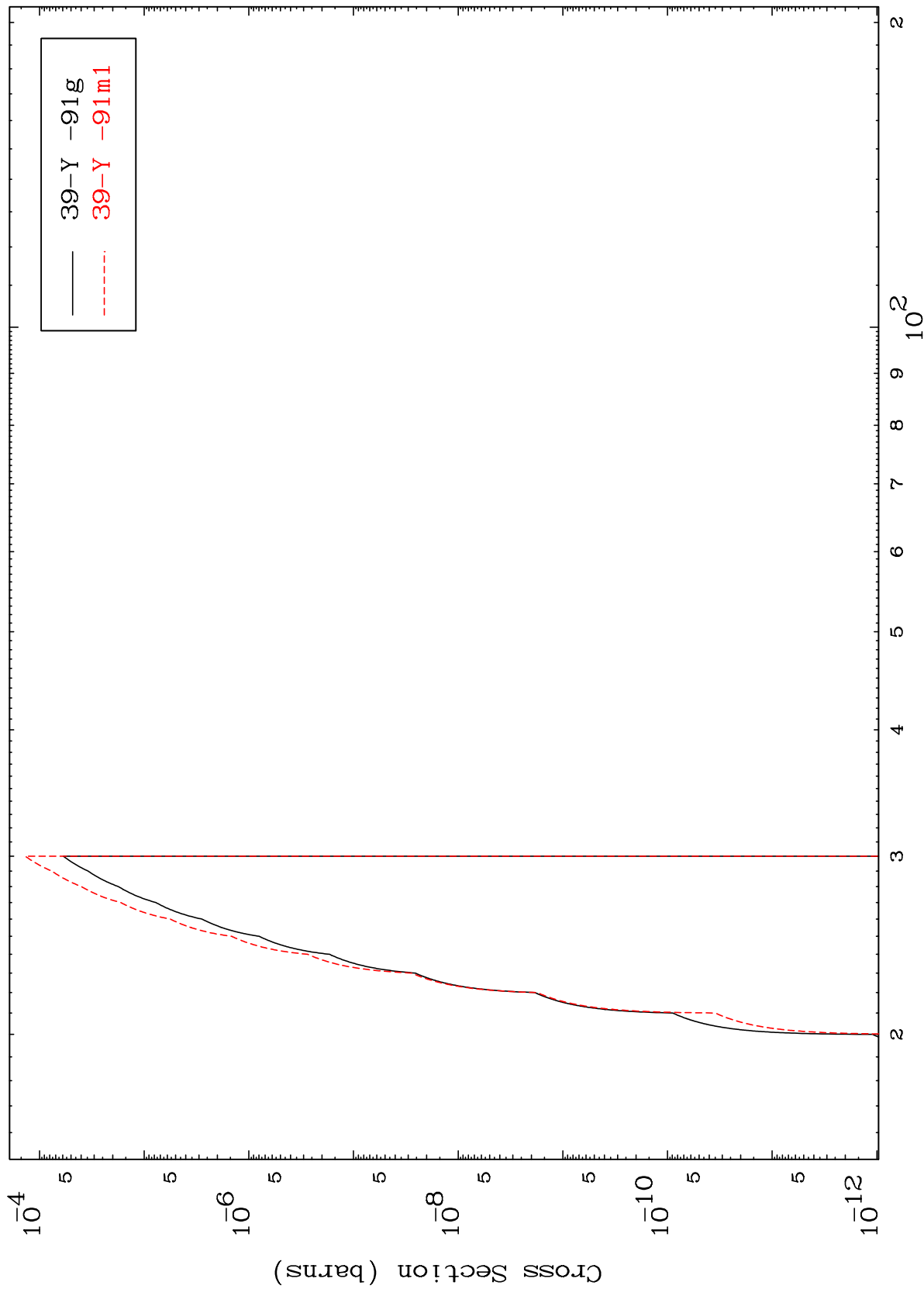
40-Zr-90g
40-Zr-90m3

142

Incident Energy (MeV)

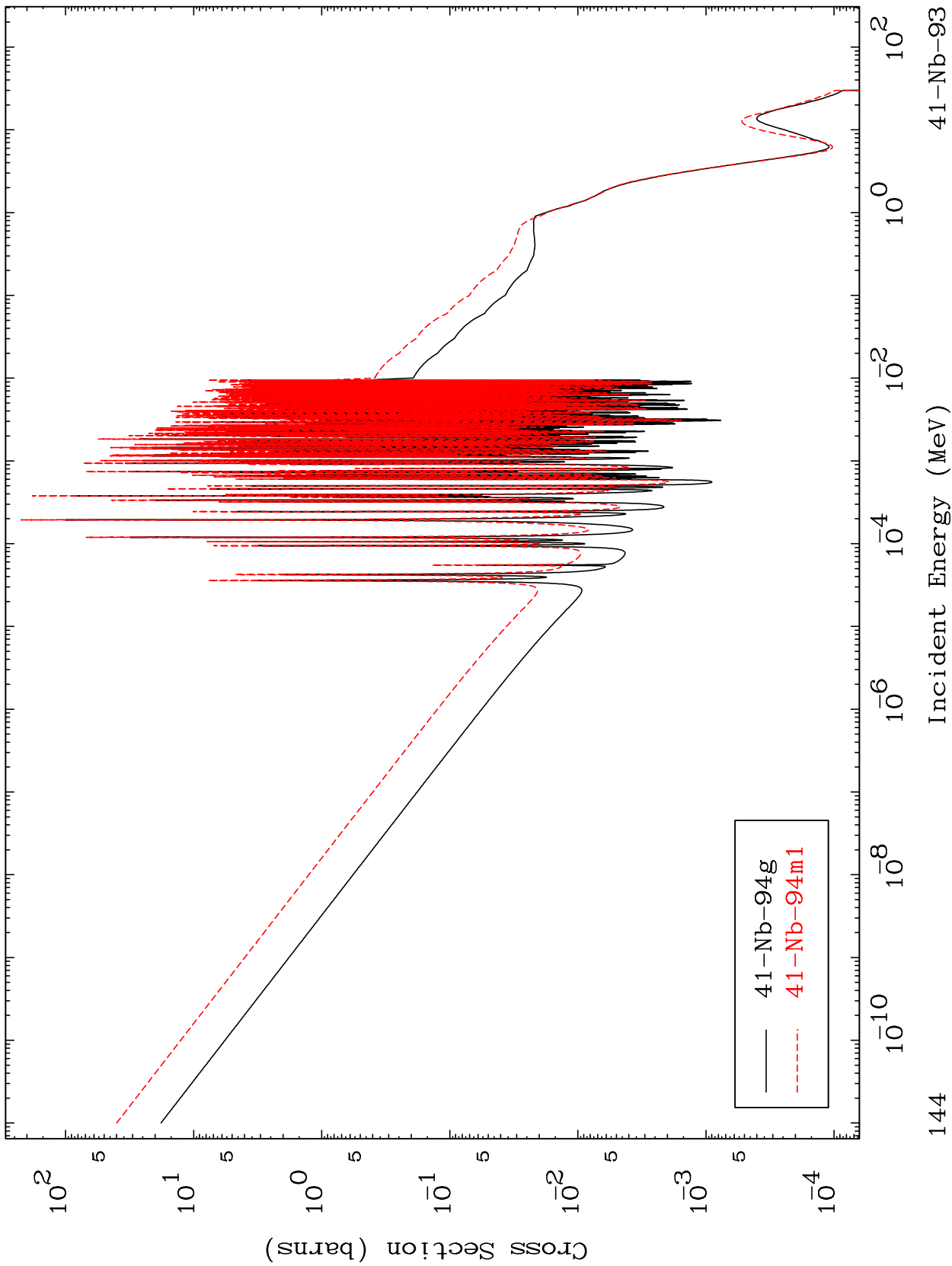
41-Nb-93

Radionuclide Production Cross Section



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

(n, γ)
Radionuclide Production Cross Section

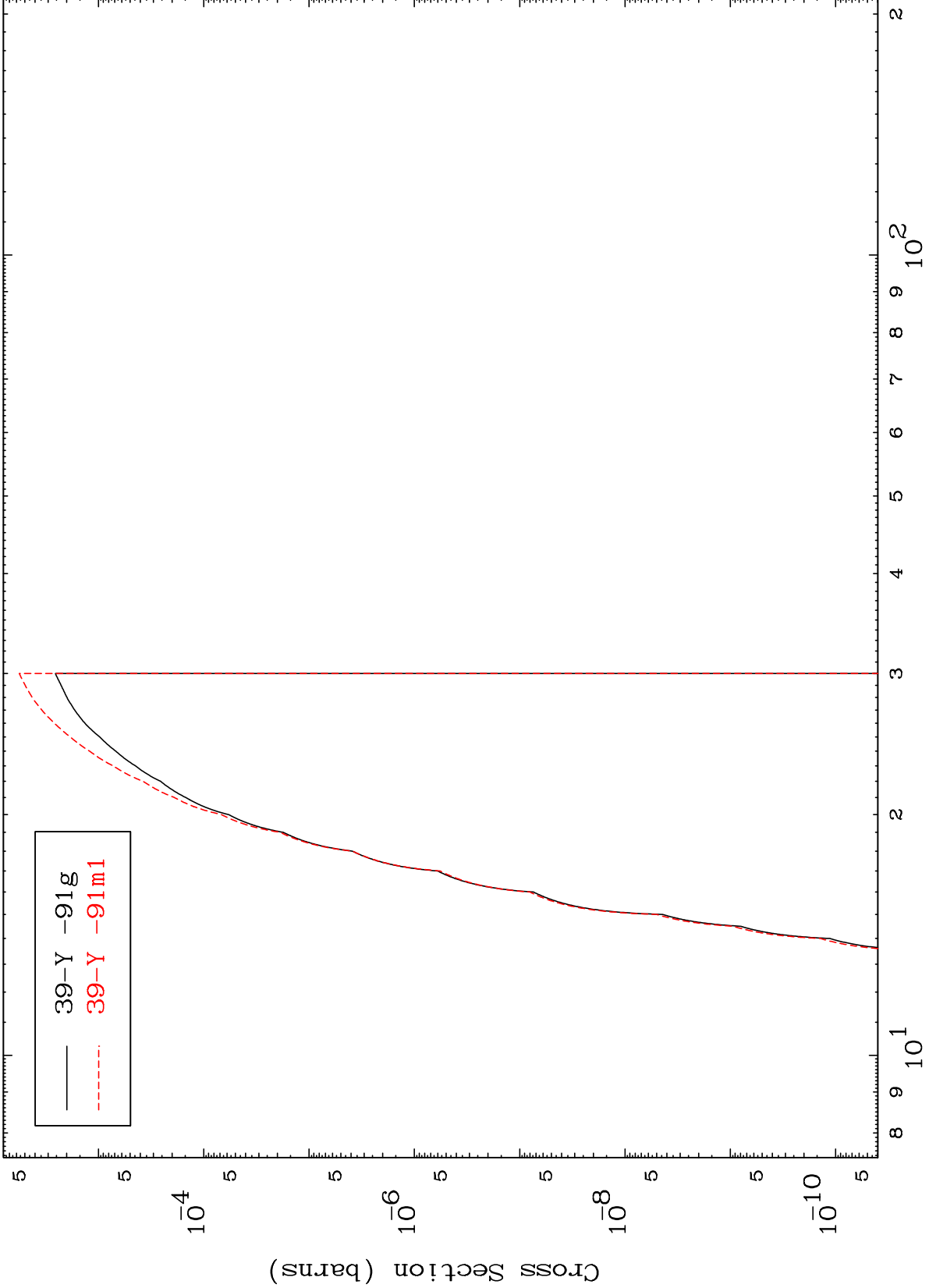


MAT 4125

(n,He-3)

41-Nb-93

Radionuclide Production Cross Section



145

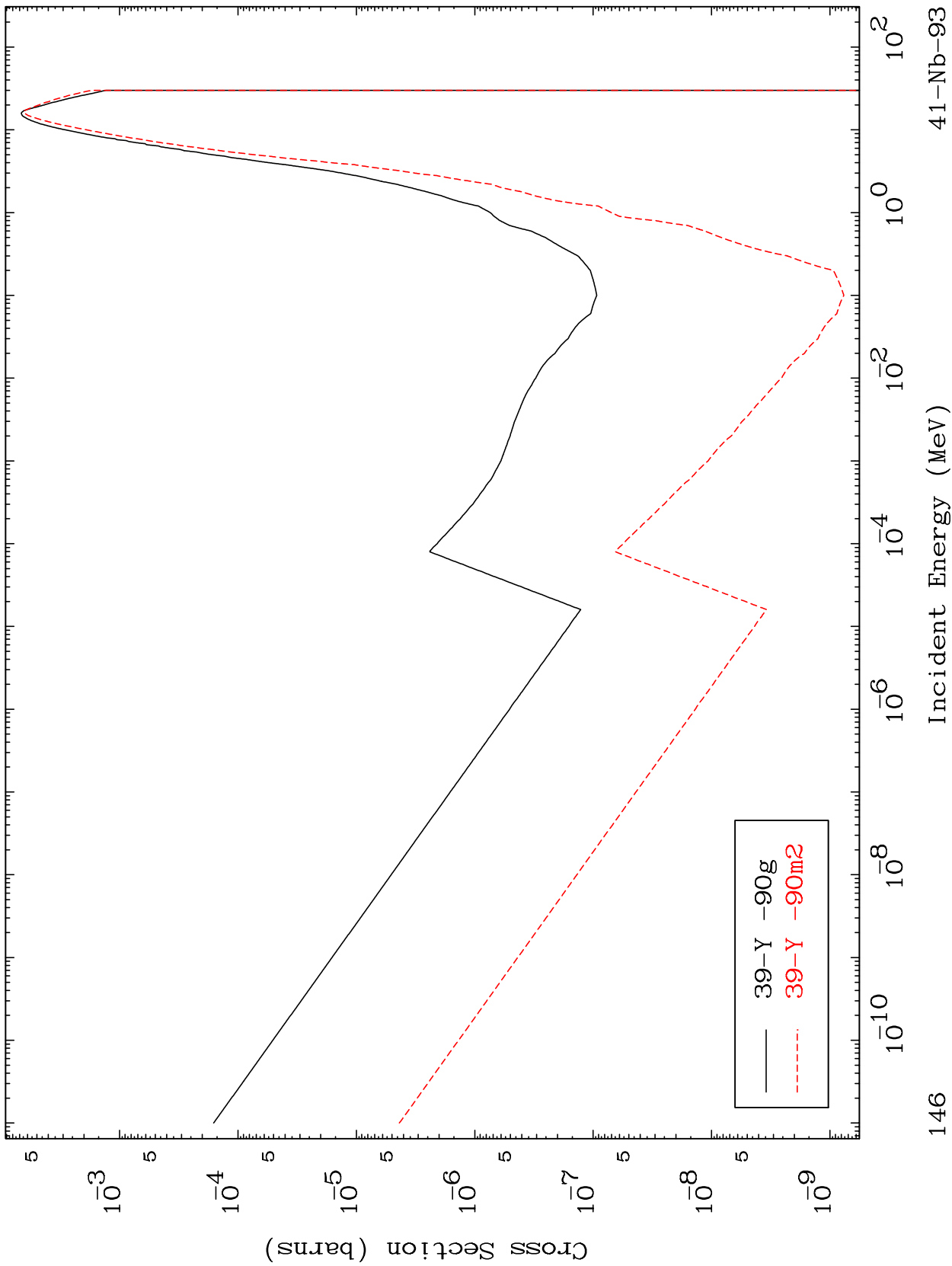
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

(n, α)
Radionuclide Production Cross Section

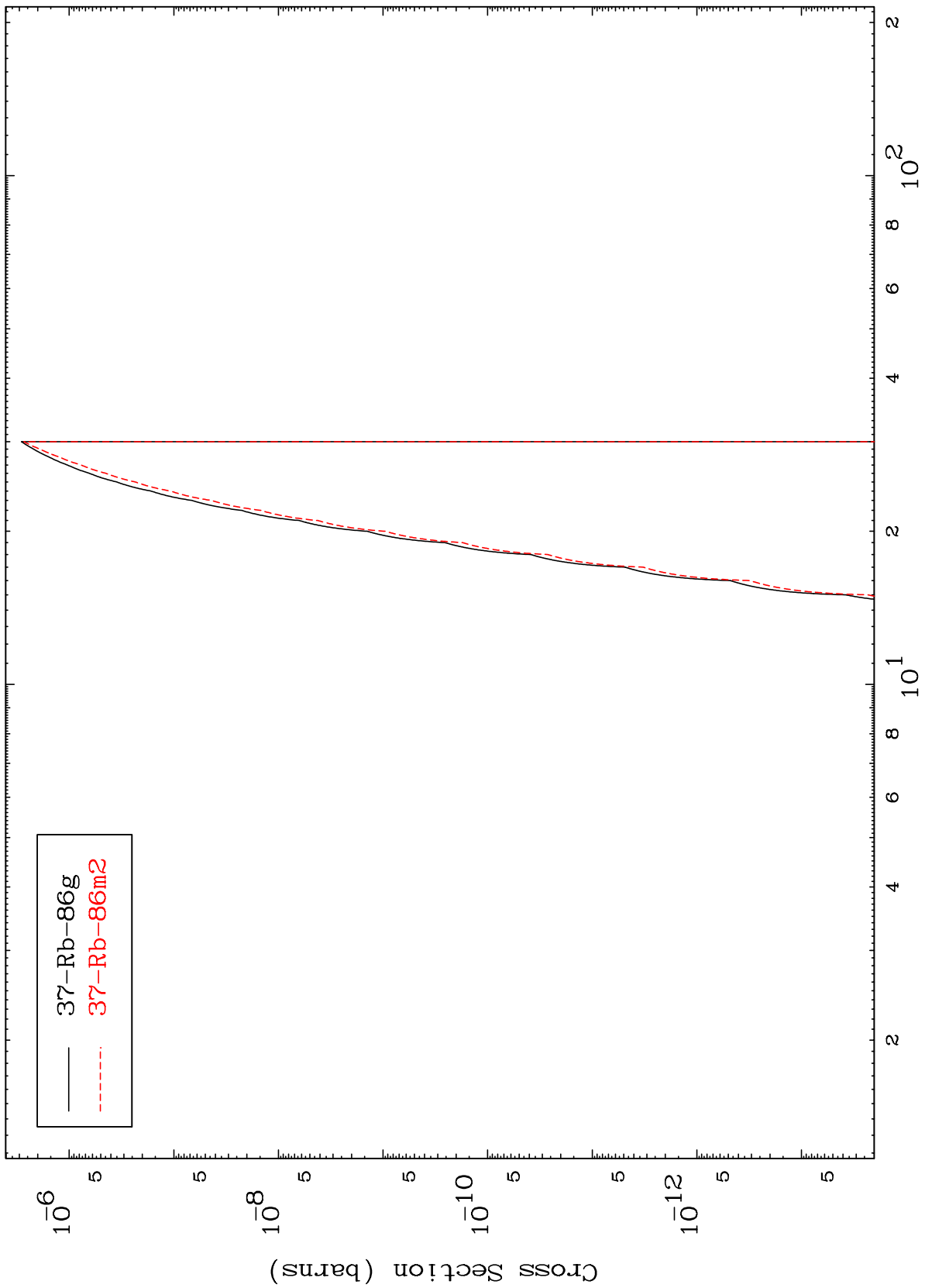


146

MAT 4125

41-Nb-93

Radionuclide Production Cross Section
(n,2α)



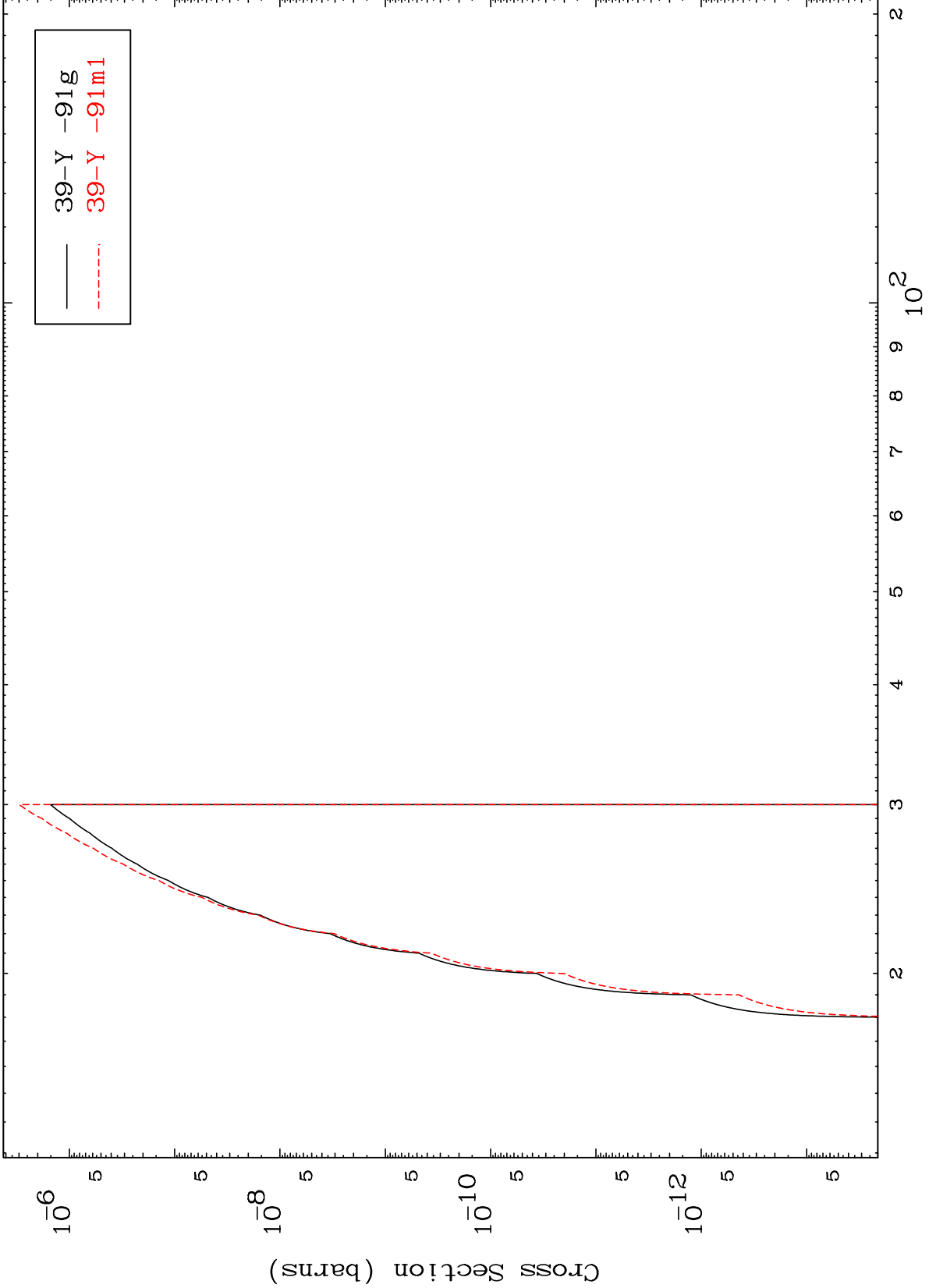
— 37-Rb-86g
- - - 37-Rb-86m2

147

41-Nb-93

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

