

Program EVALPLOT
(Version 2018-1)

by

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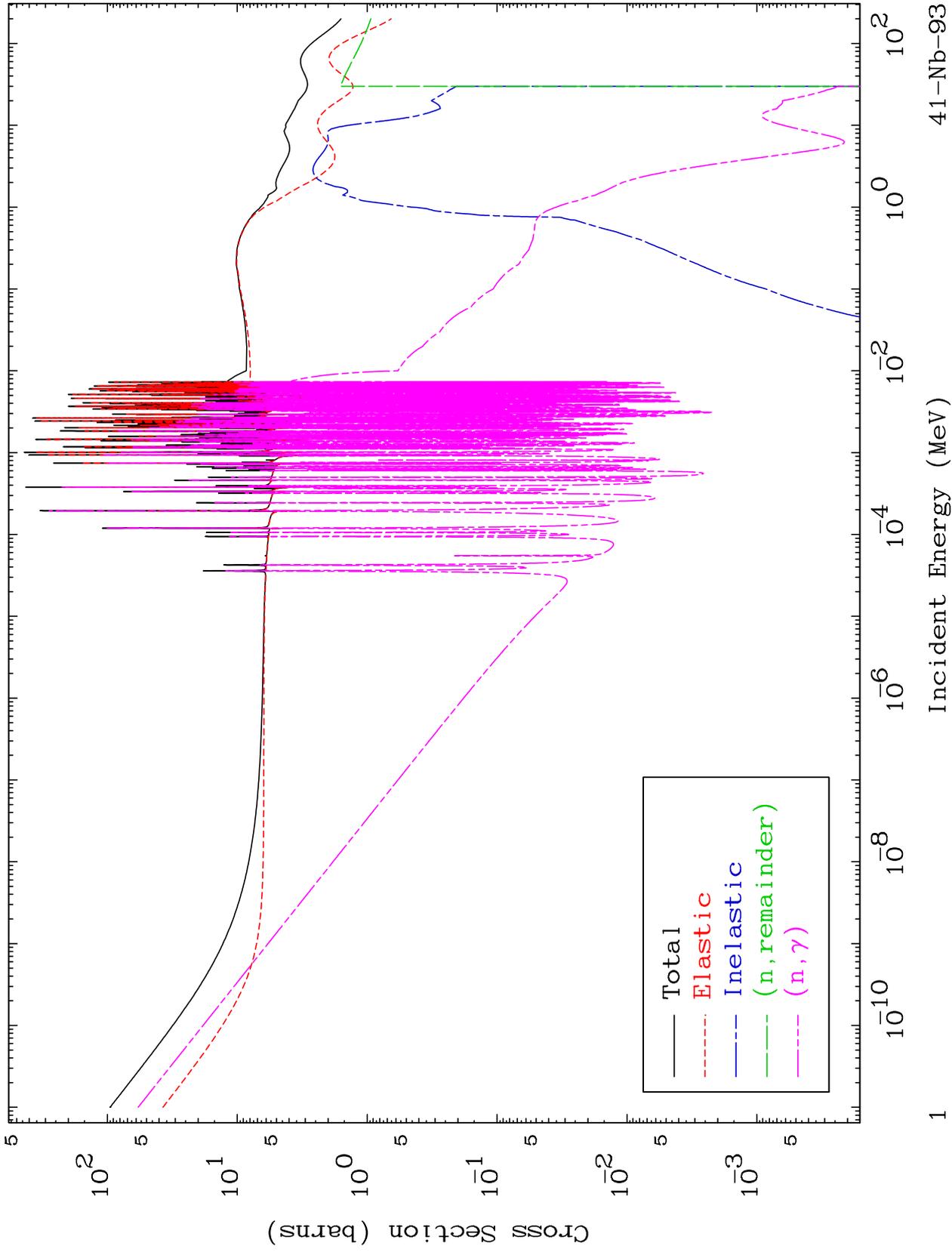
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Press Mouse Button to Start

MAT 4125

Major
293 Kelvin Cross Sections

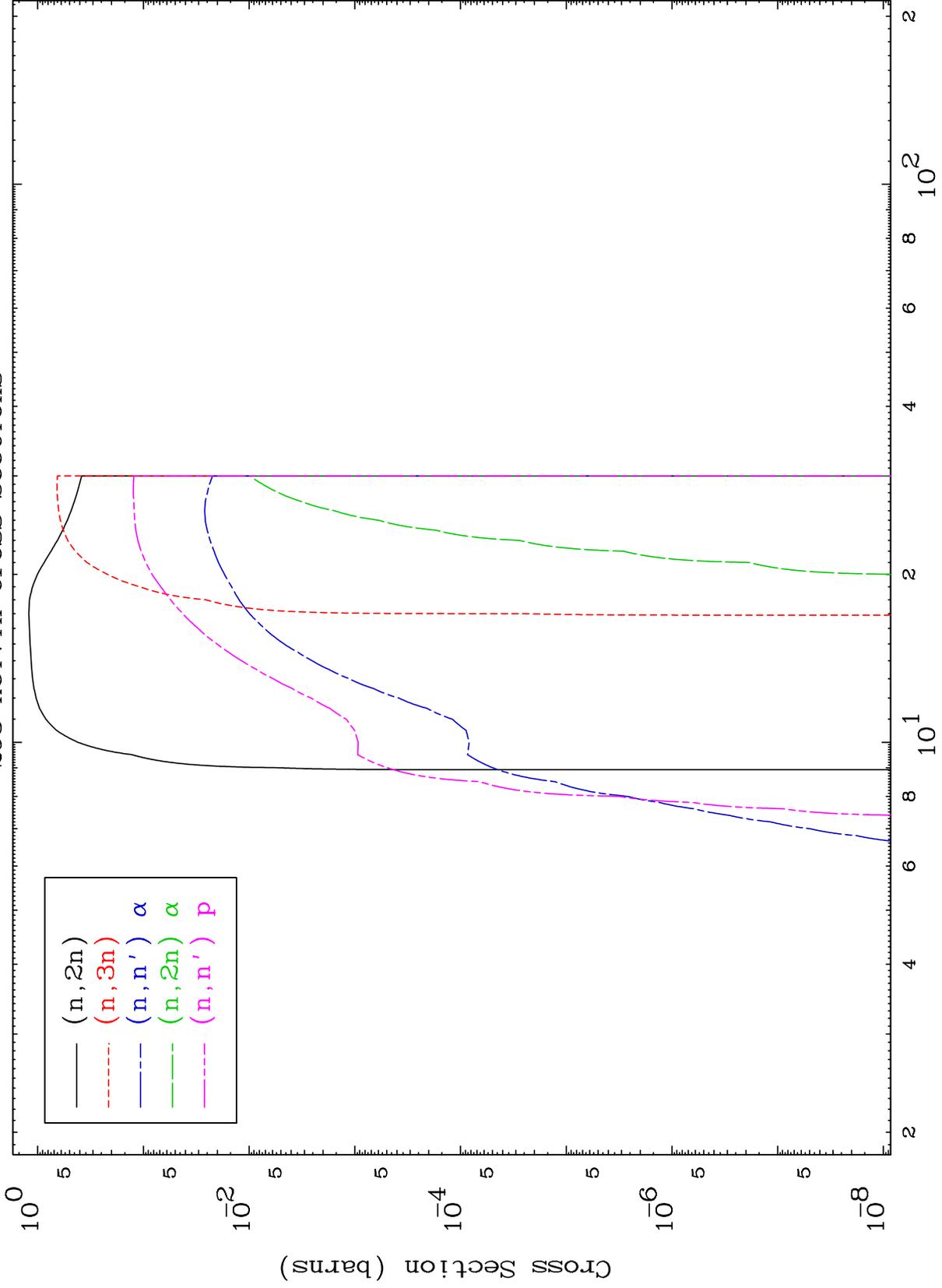
41-Nb-93



MAT 4125

Neutron Production
293 Kelvin Cross Sections

41-Nb-93



2

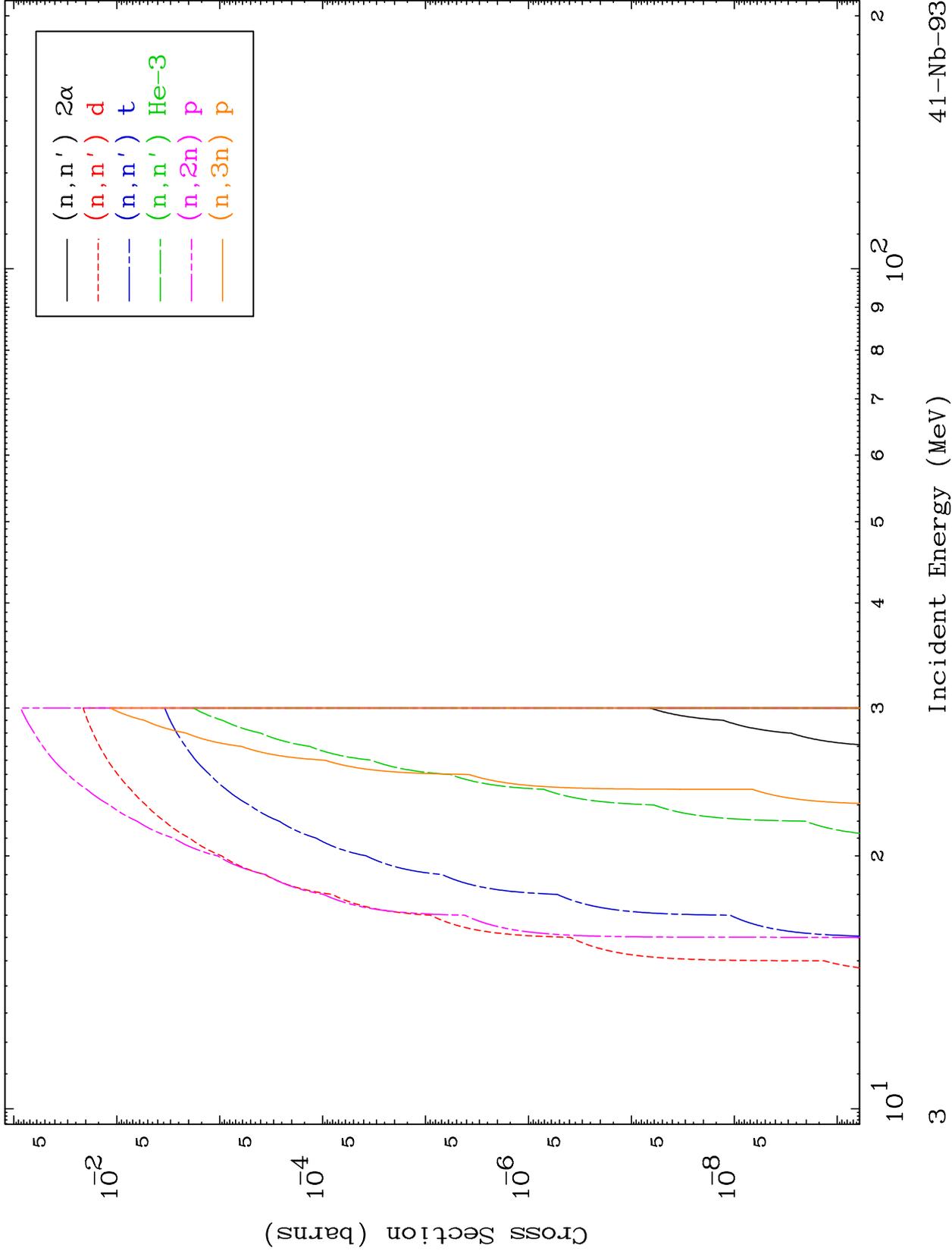
Incident Energy (MeV)

41-Nb-93

MAT 4125

Neutron Production
293 Kelvin Cross Sections

41-Nb-93

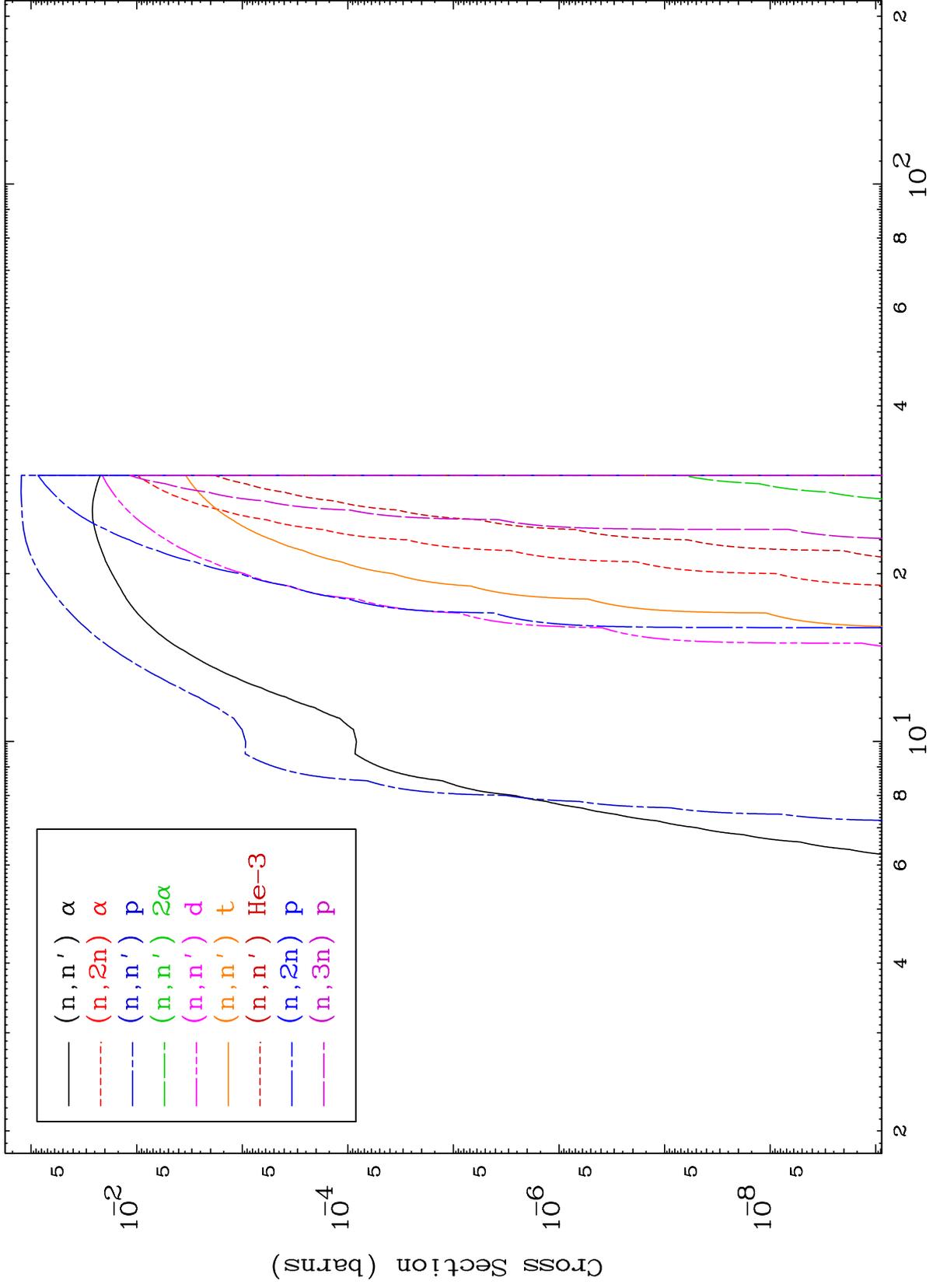


41-Nb-93

MAT 4125

Charged Particle
293 Kelvin Cross Sections

41-Nb-93



4

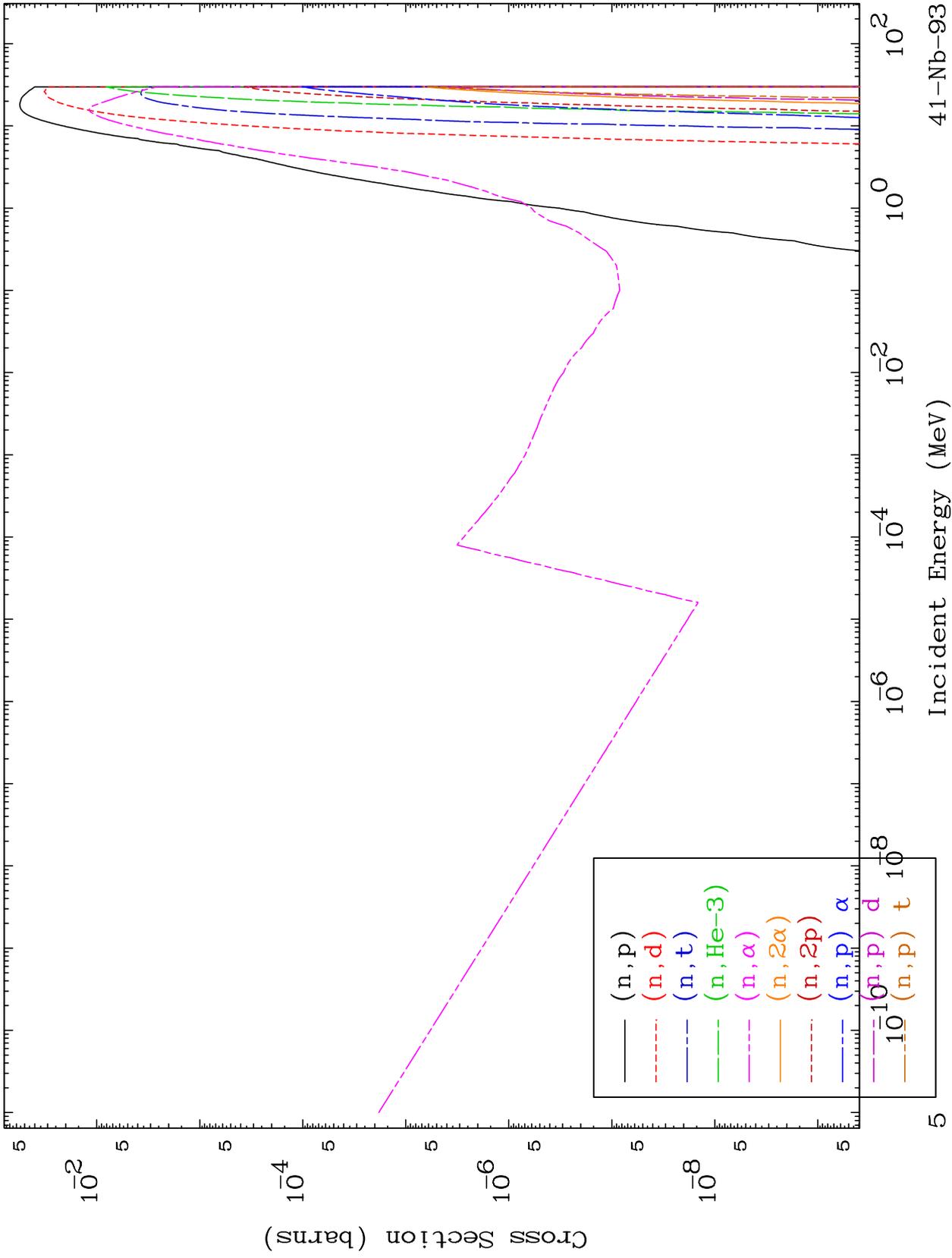
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41-Nb-93

MAT 4125

Charged Particle
293 Kelvin Cross Sections

41-Nb-93

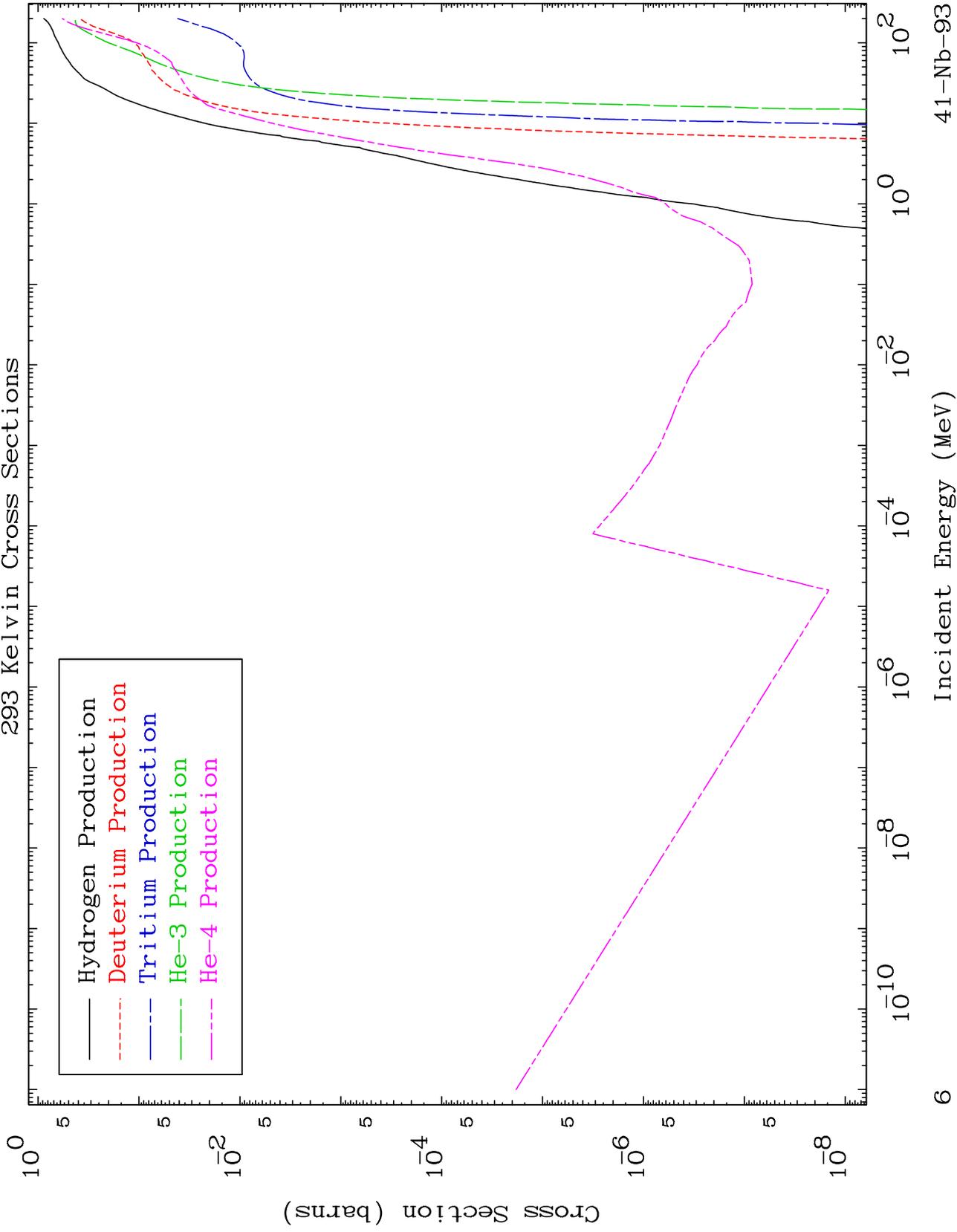


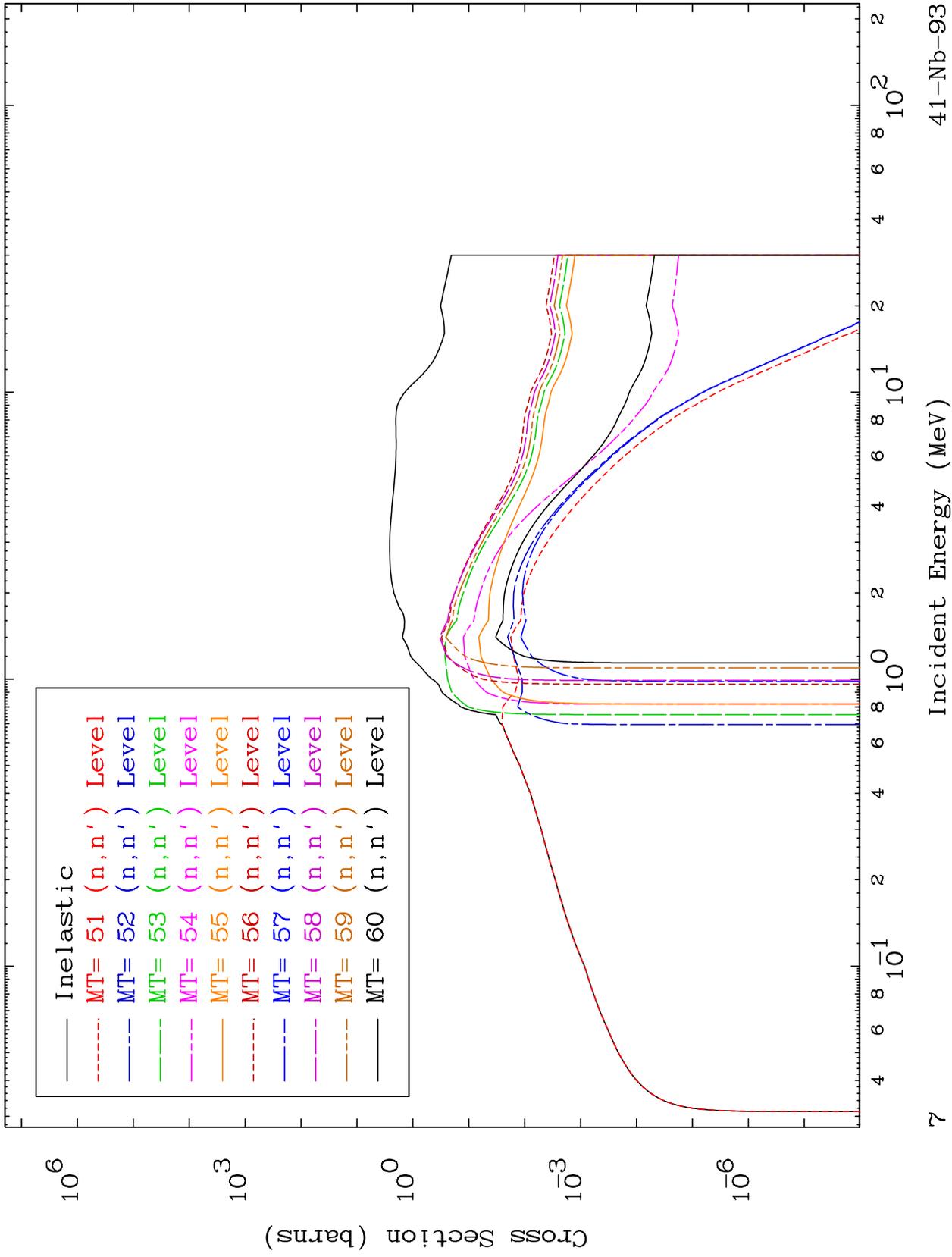
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MAT 4125

Particle Production
293 Kelvin Cross Sections

41-Nb-93



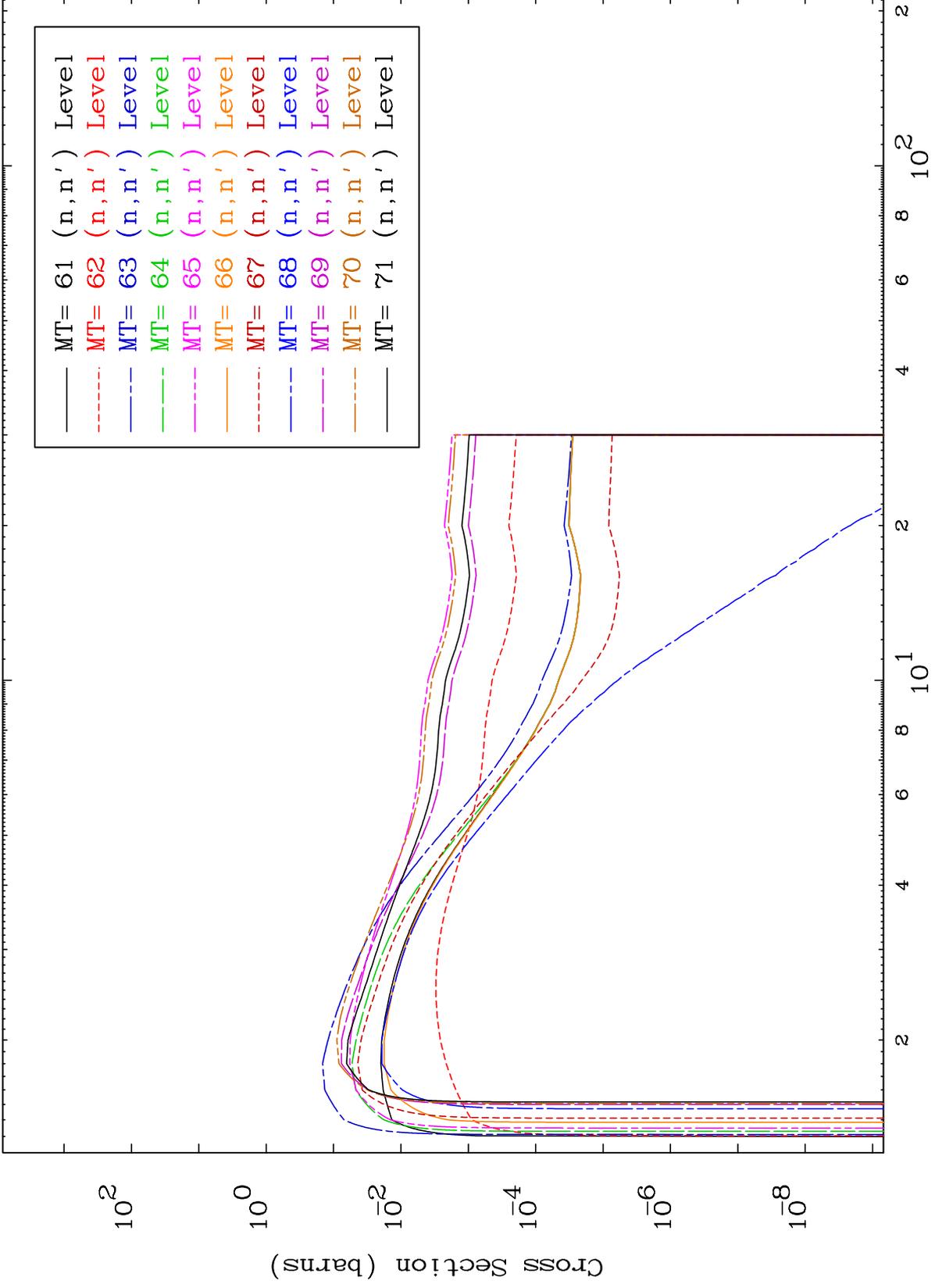


MAT 4125

(n,n') Level

41-Nb-93

293 Kelvin Cross Sections



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Incident Energy (MeV)

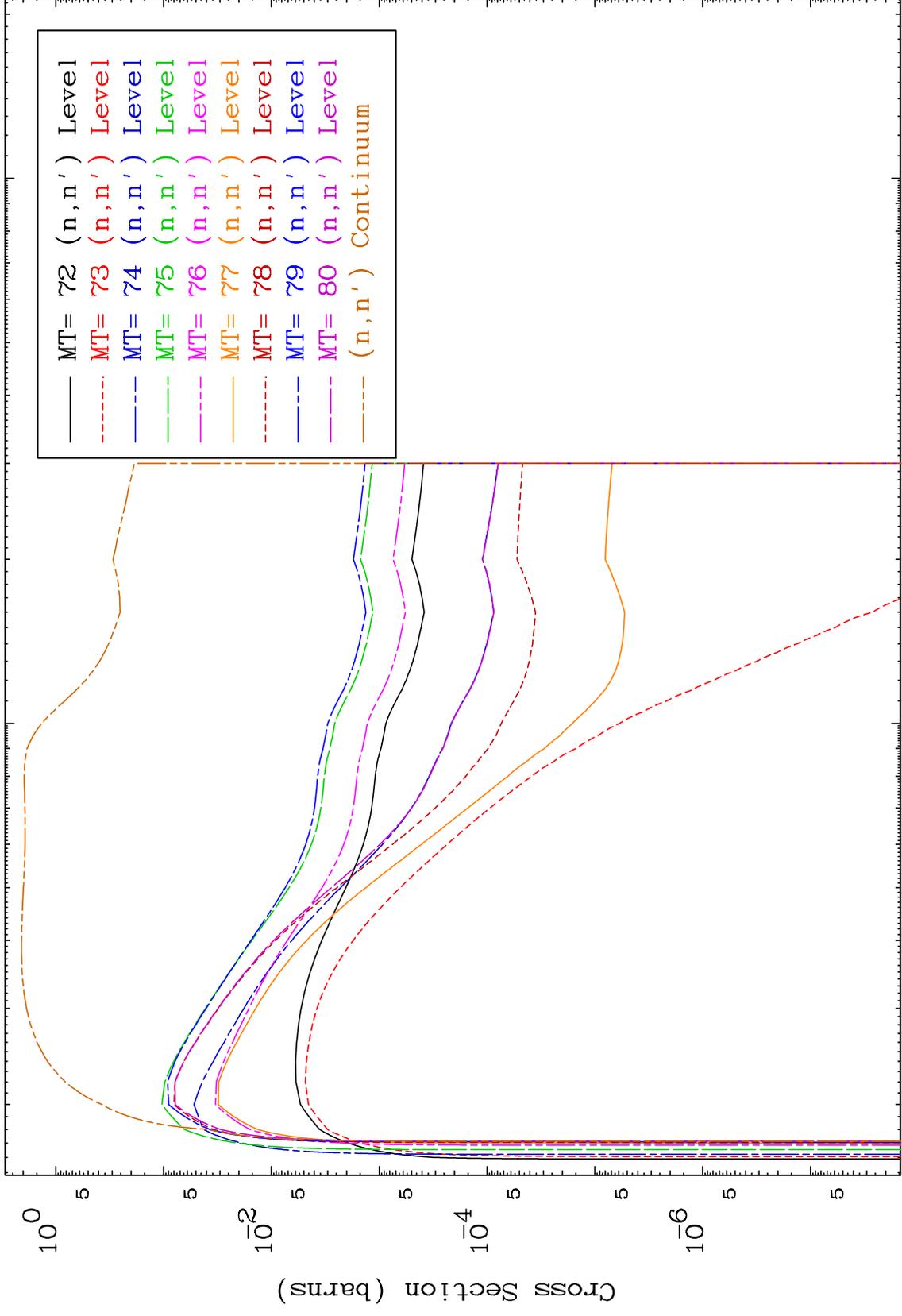
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MAT 4125

(n,n') Level

41-Nb-93

293 Kelvin Cross Sections



9

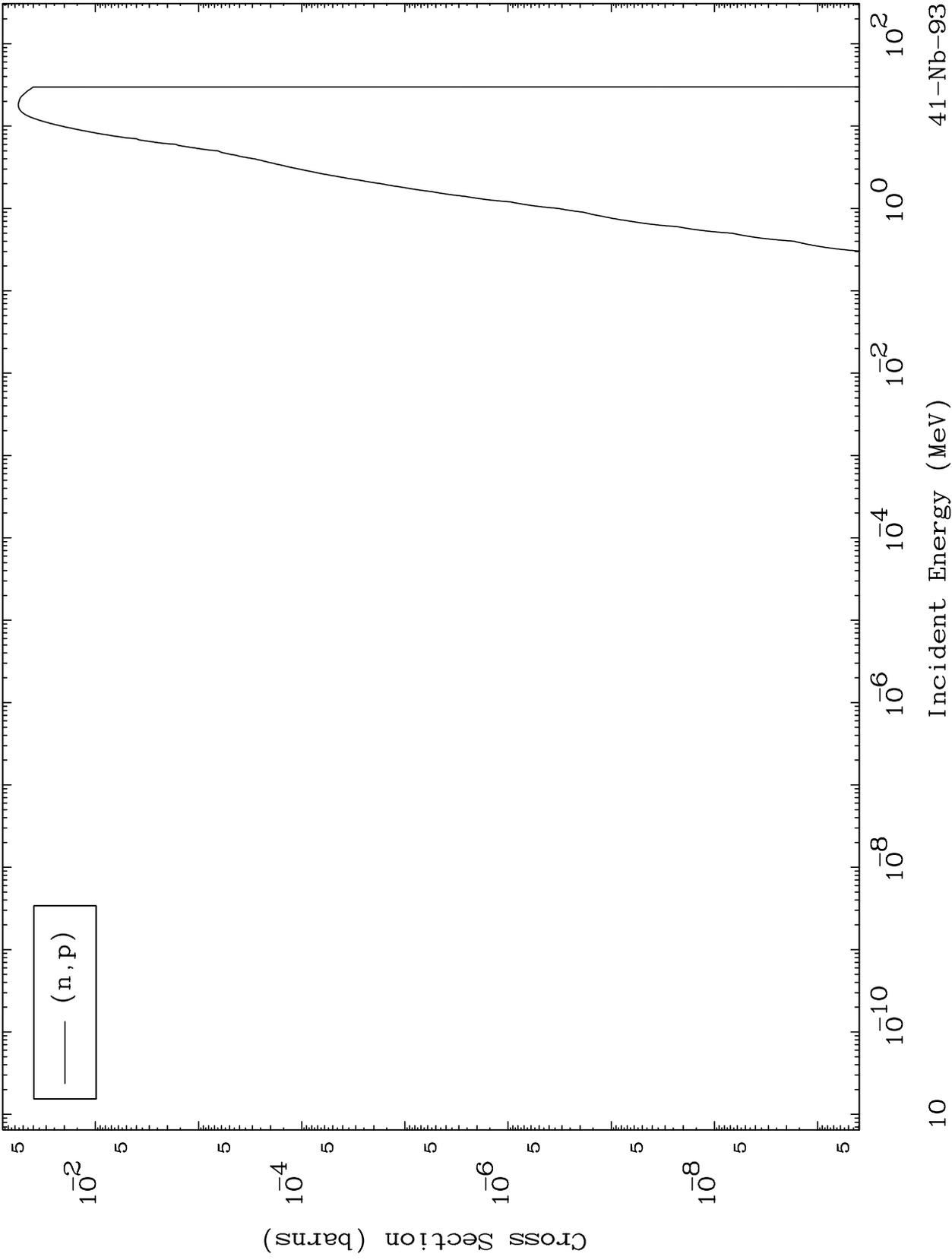
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41-Nb-93

MAT 4125

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-93



10

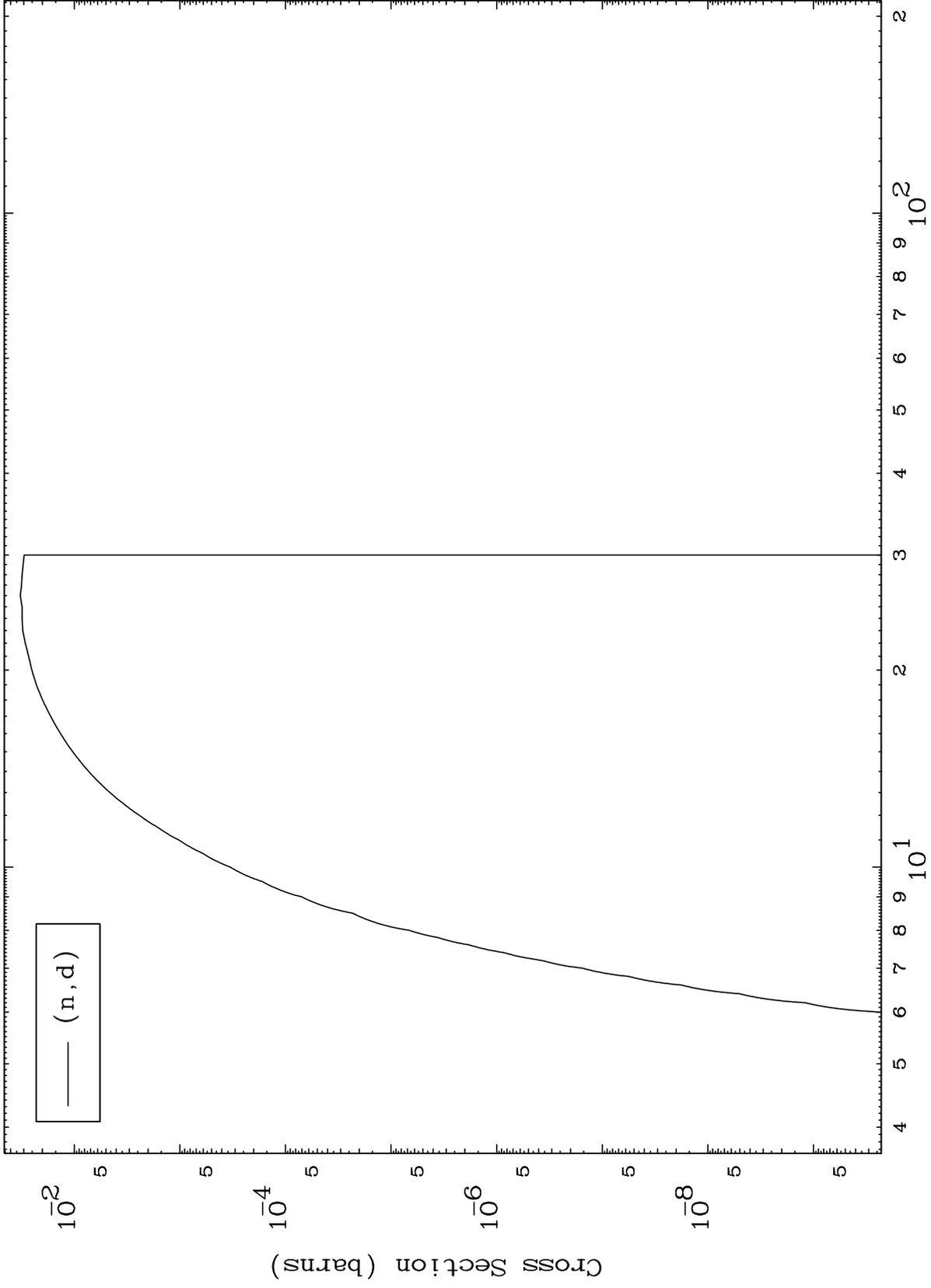
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41-Nb-93

MAT 4125

(n,d) Levels
293 Kelvin Cross Sections

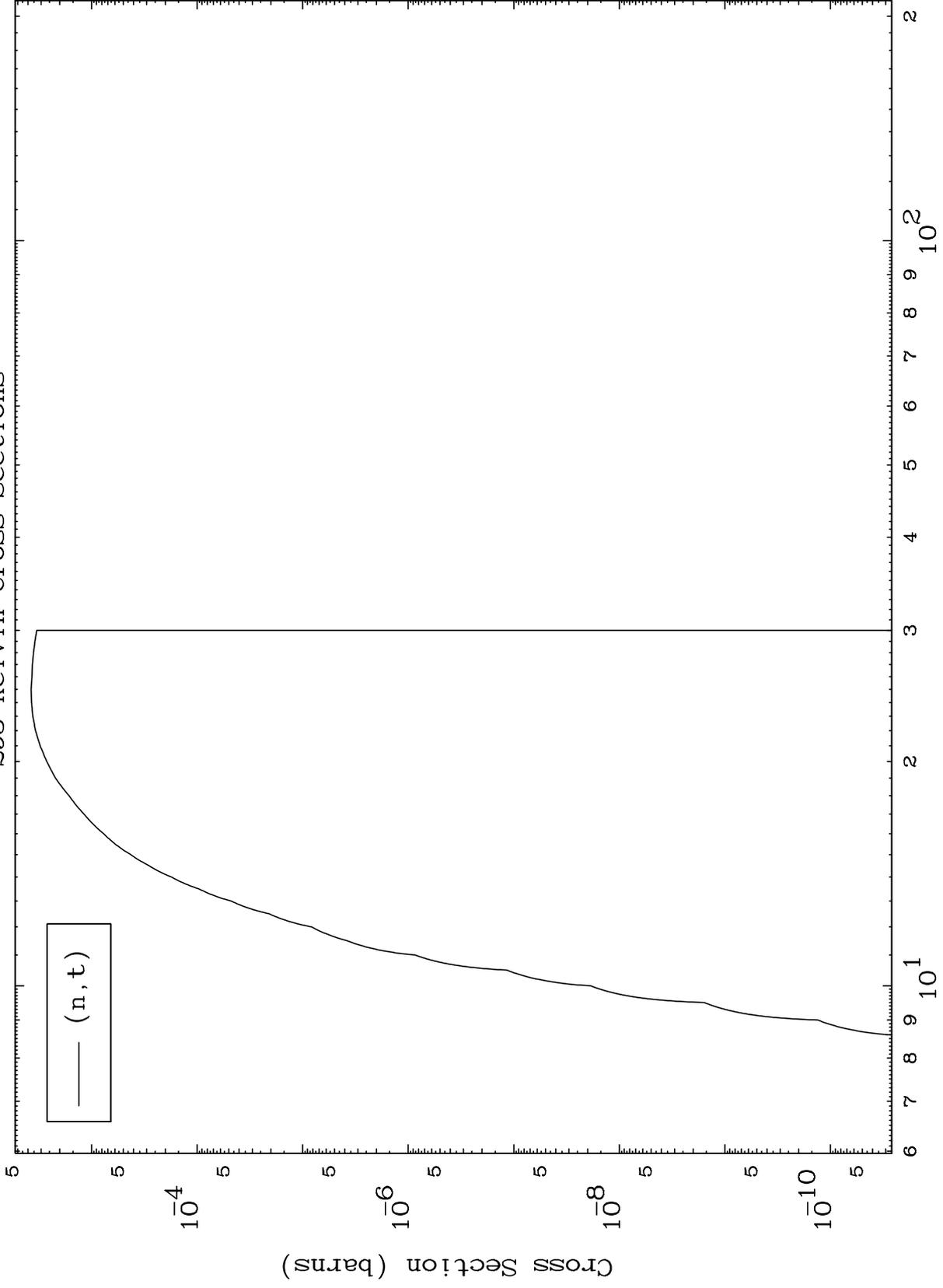
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MAT 4125

(n, t) Levels
293 Kelvin Cross Sections

41-Nb-93



12

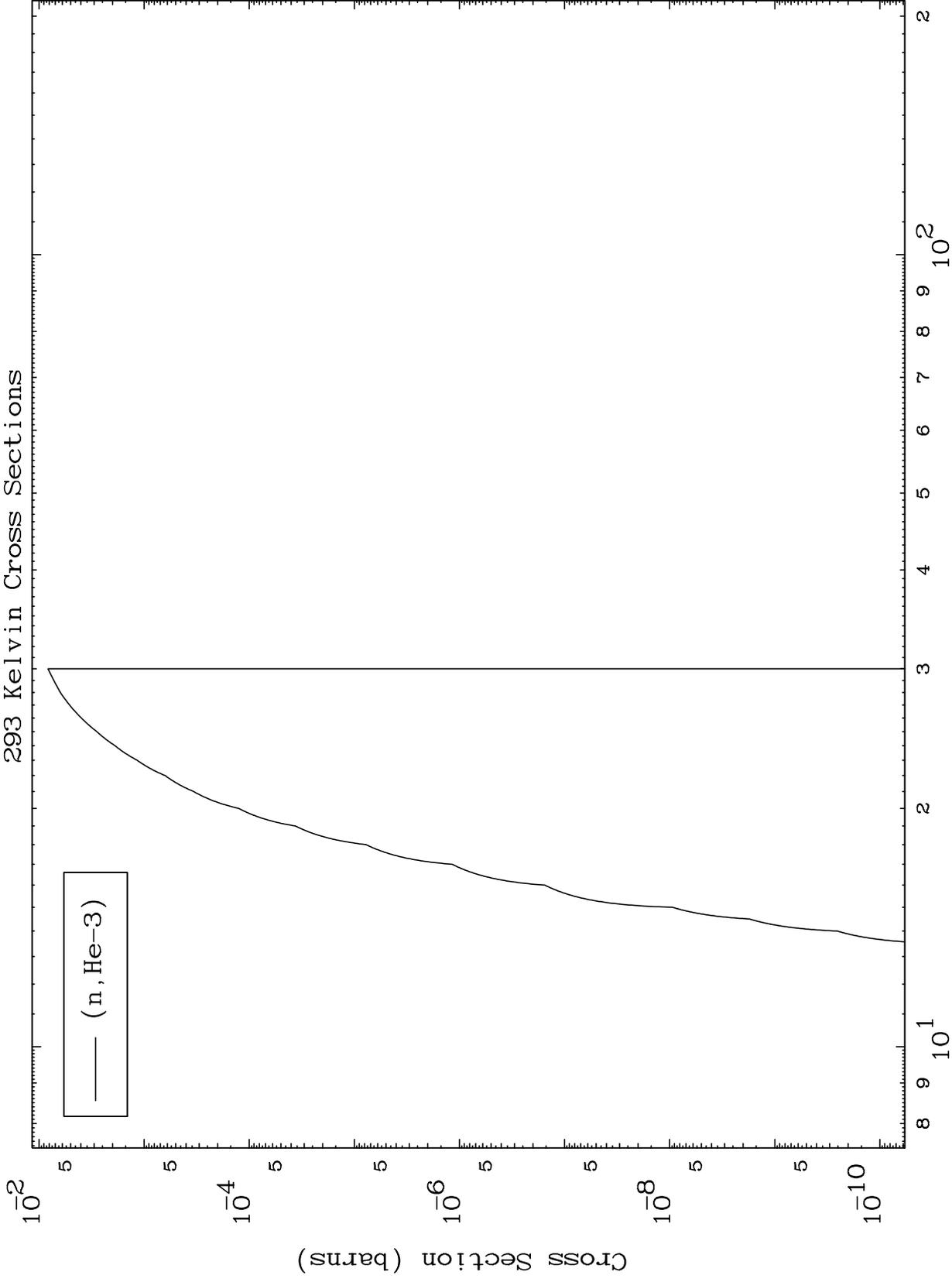
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-93



13

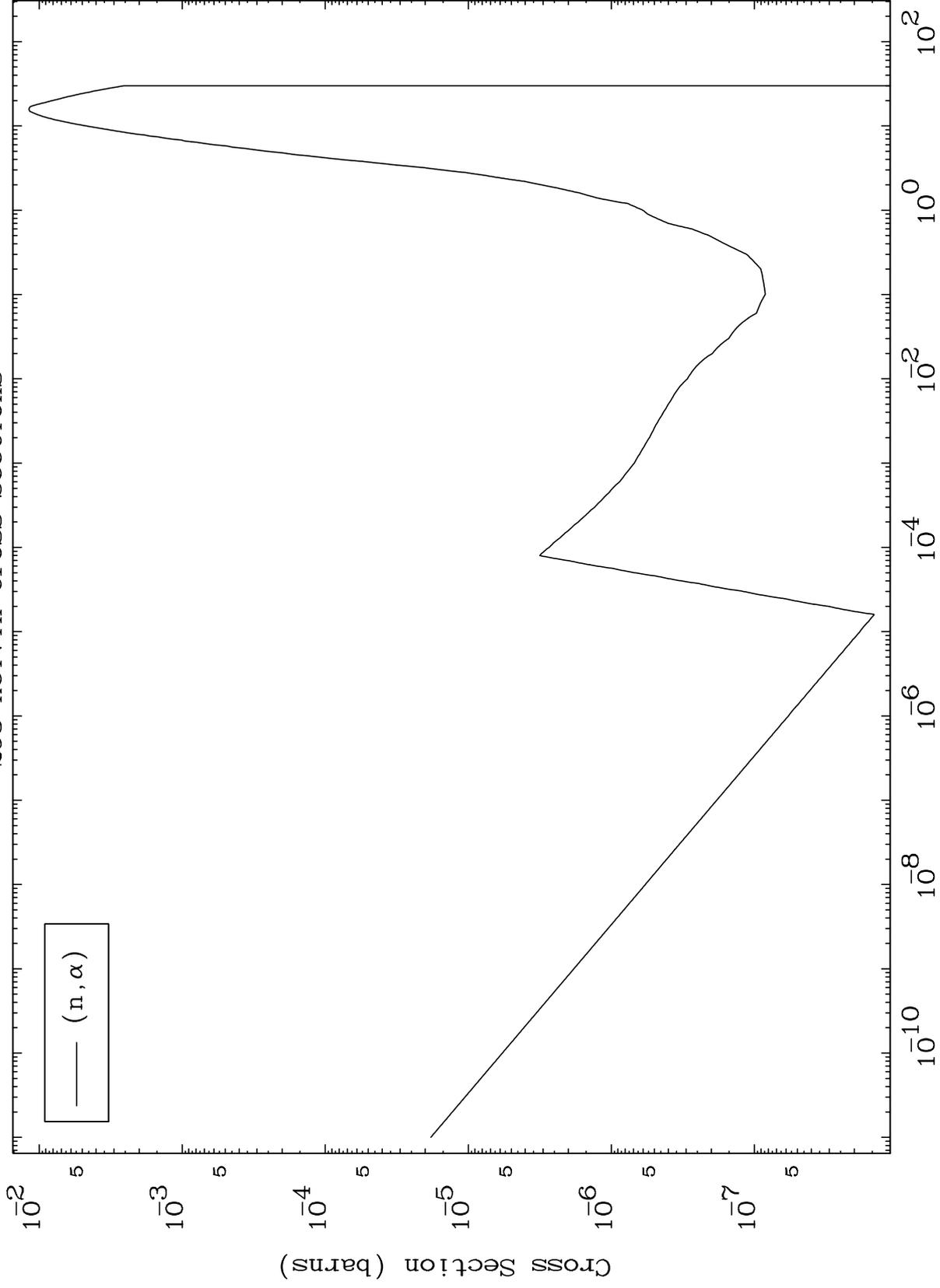
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n, α) Levels
293 Kelvin Cross Sections

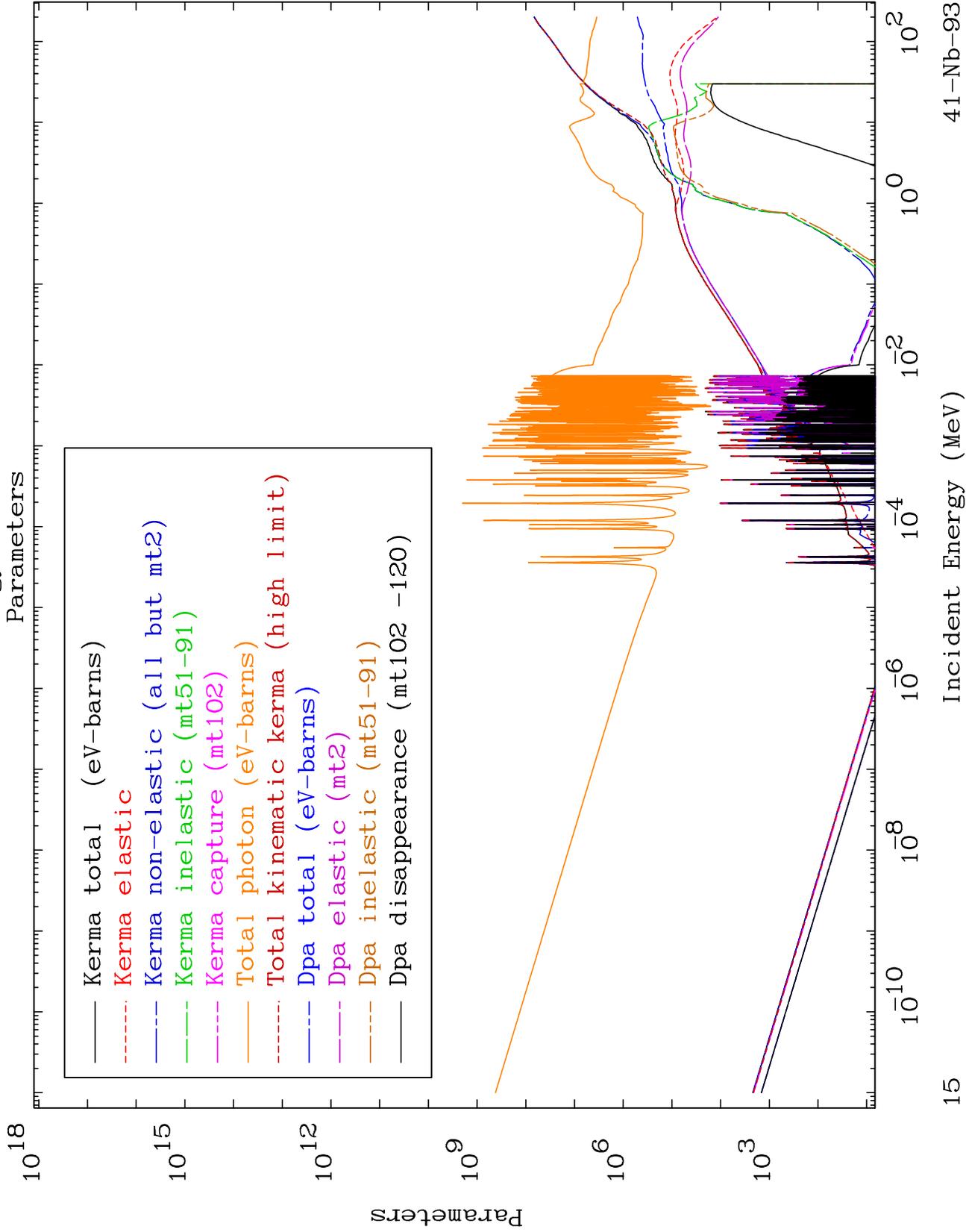
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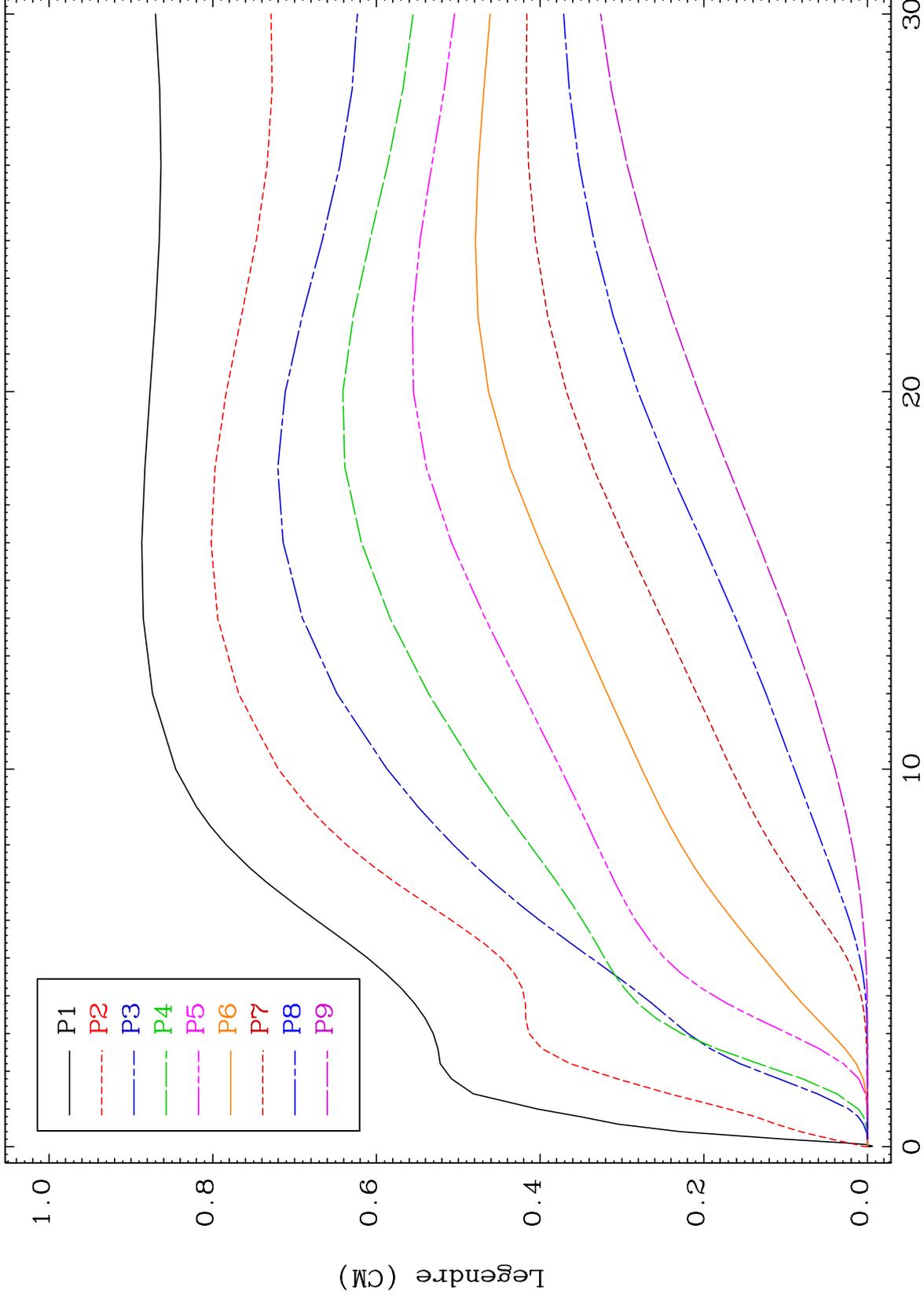
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MAT 4125

Elastic Legendre Coefficients

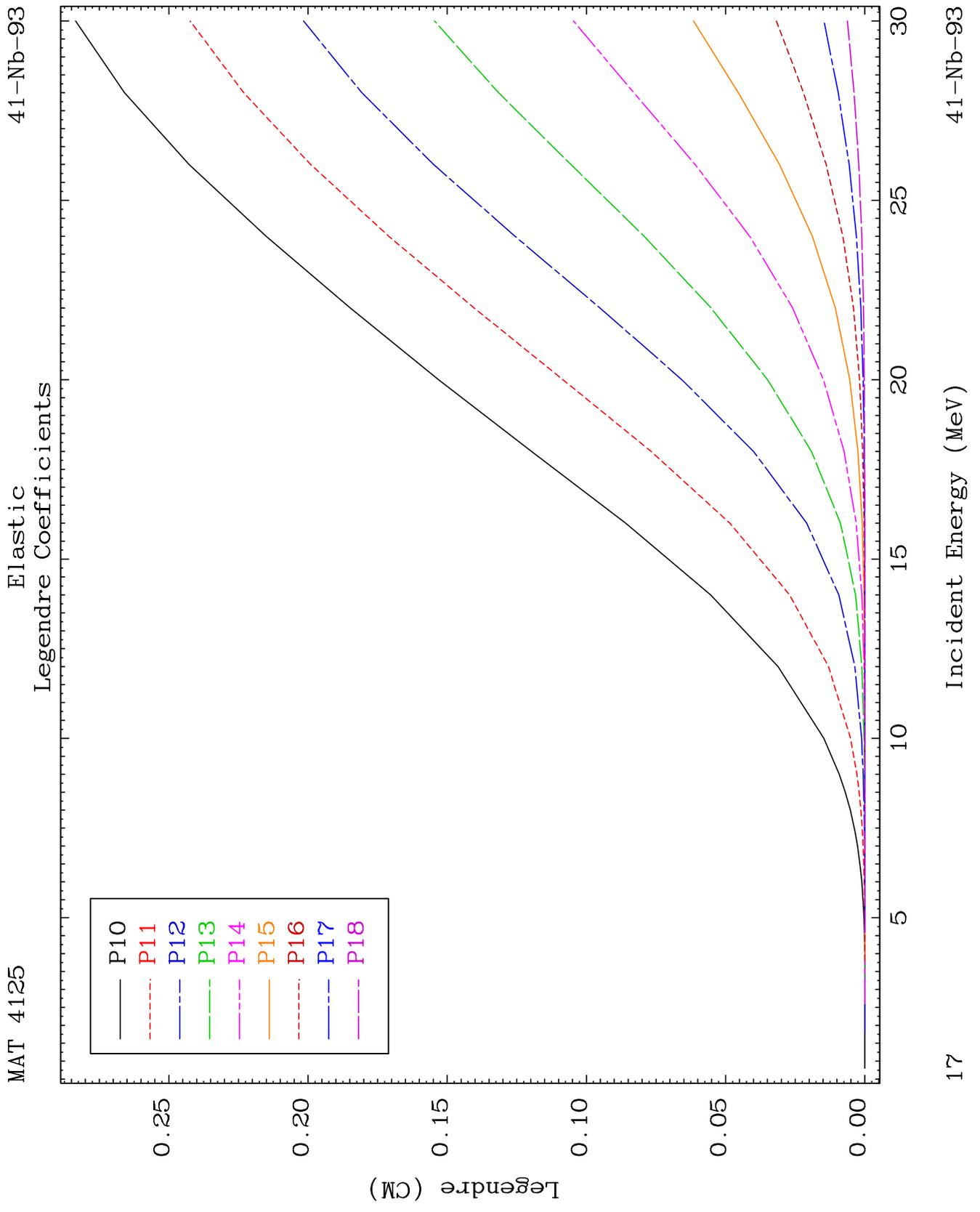
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16

Incident Energy (MeV)

41-Nb-93



MAT 4125

41-Nb-93

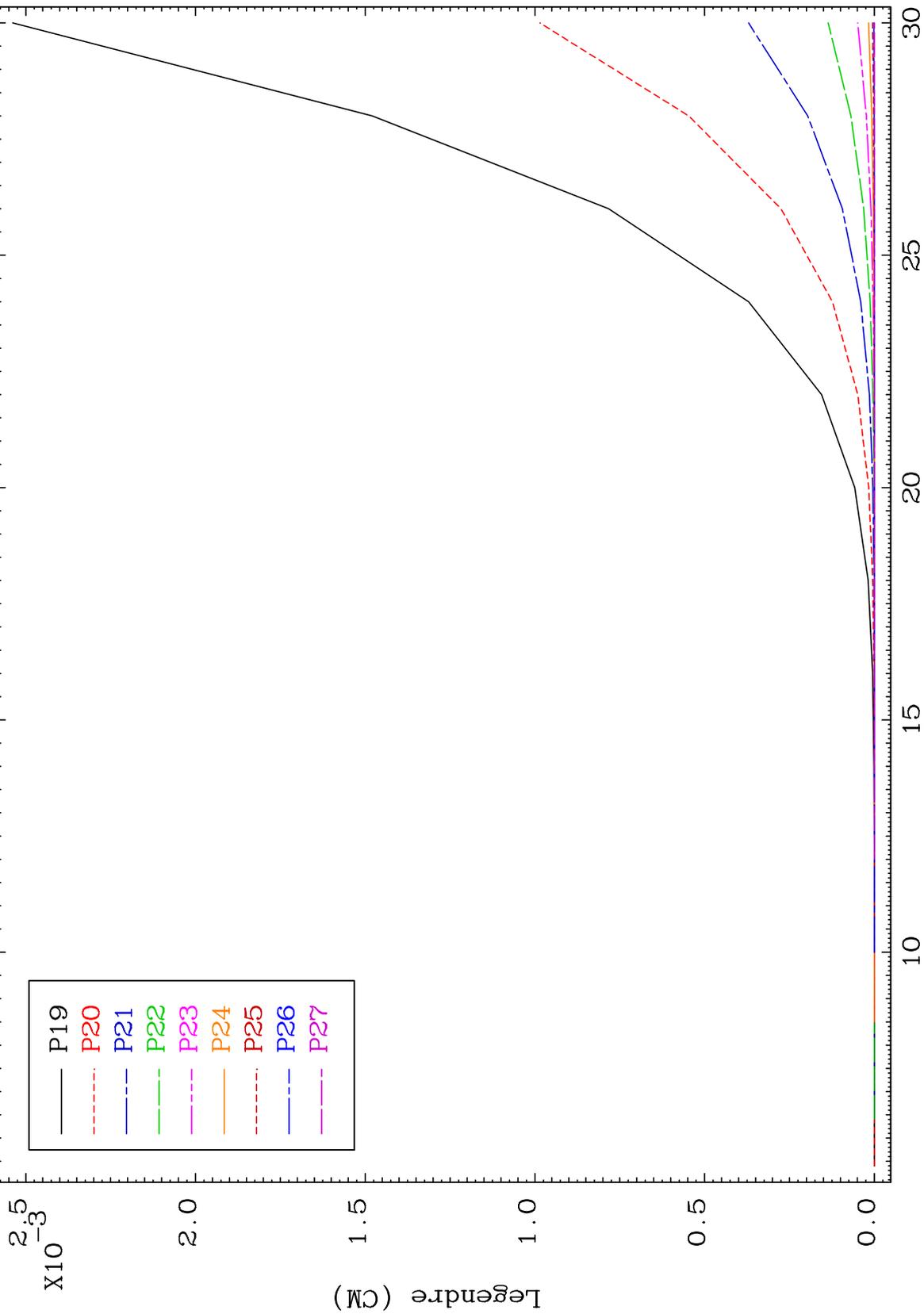
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41-Nb-93

MAT 4125

Elastic Legendre Coefficients

41-Nb-93



18

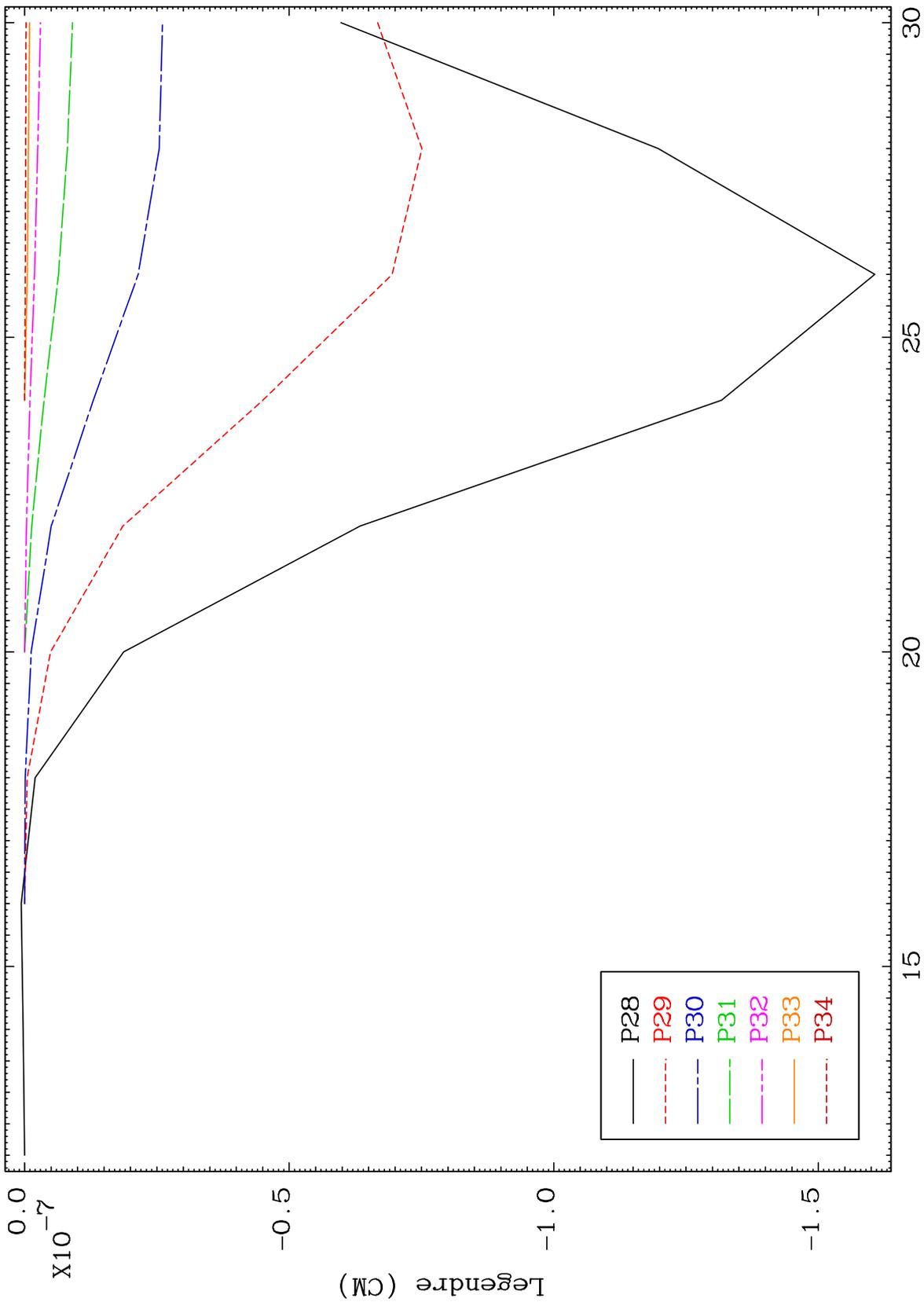
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

Elastic Legendre Coefficients



19

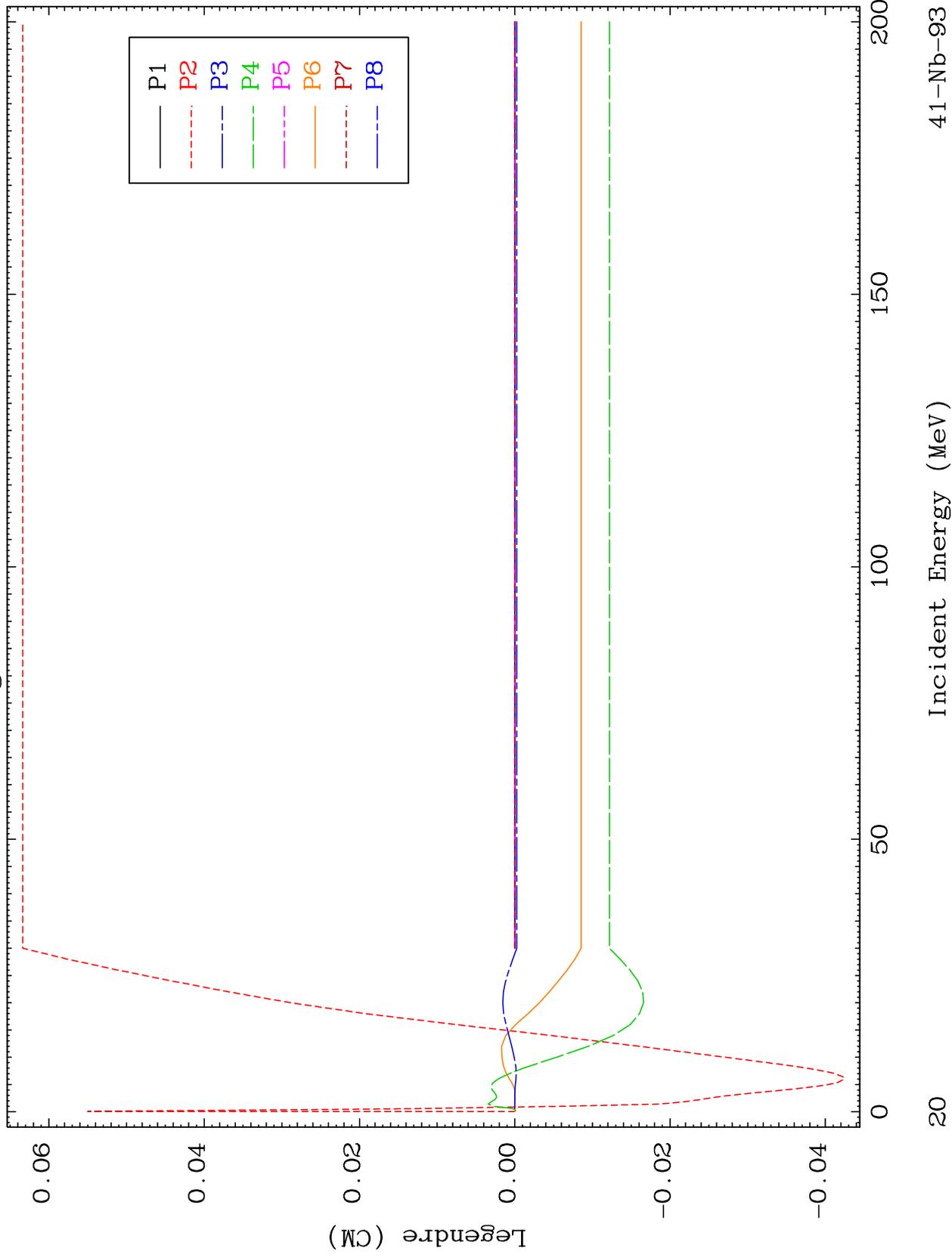
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

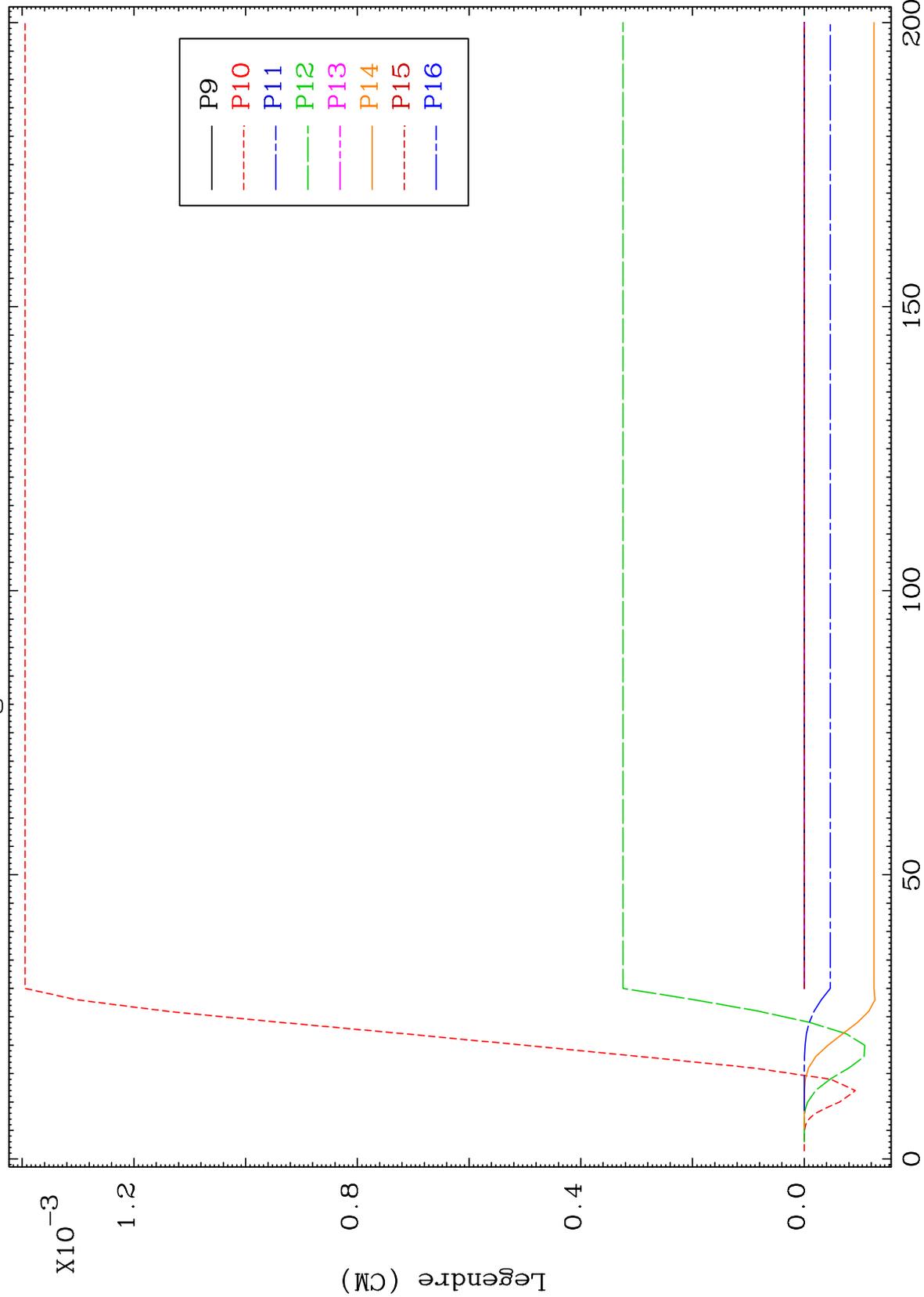


41-Nb-93

MAT 4125

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

41-Nb-93



21

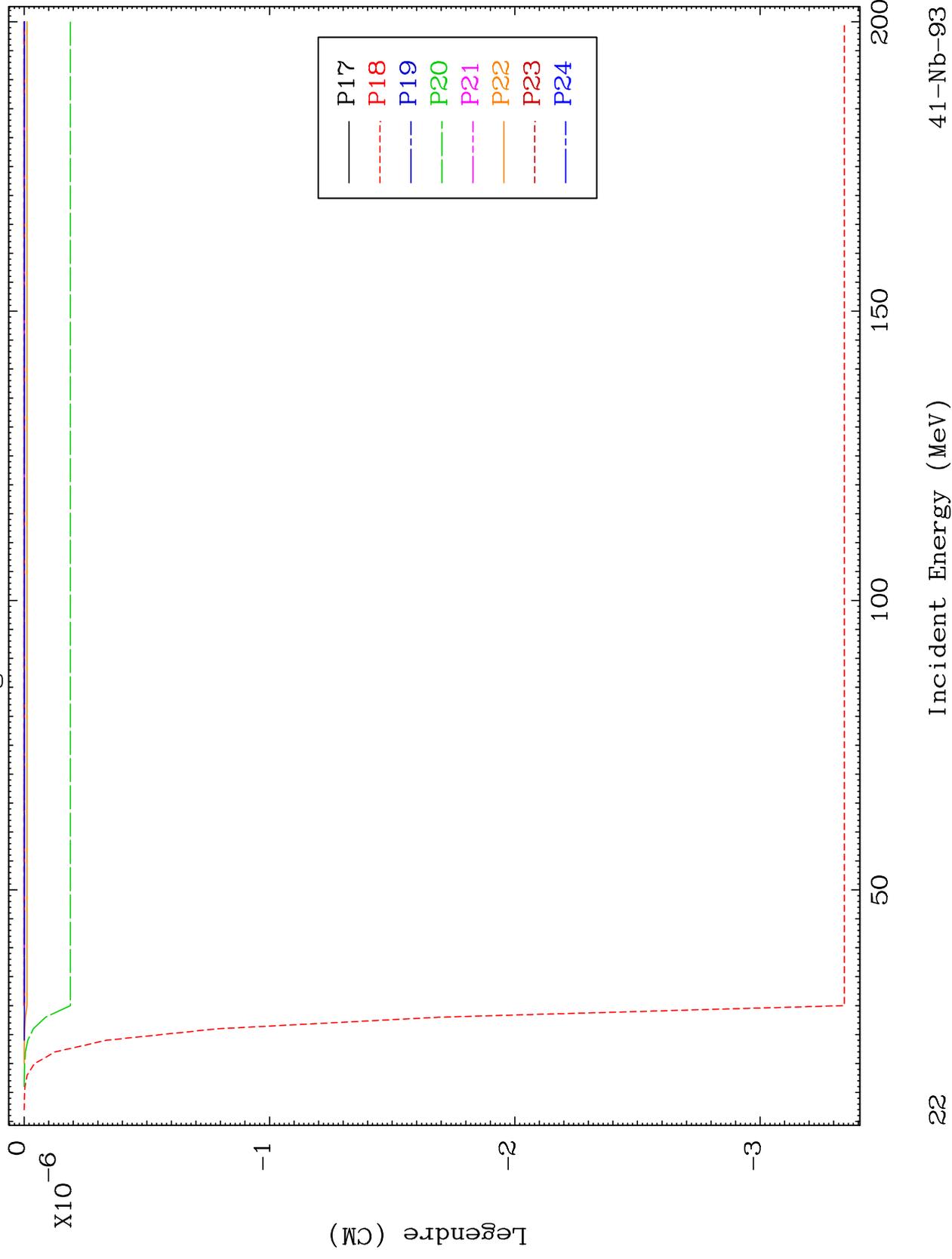
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

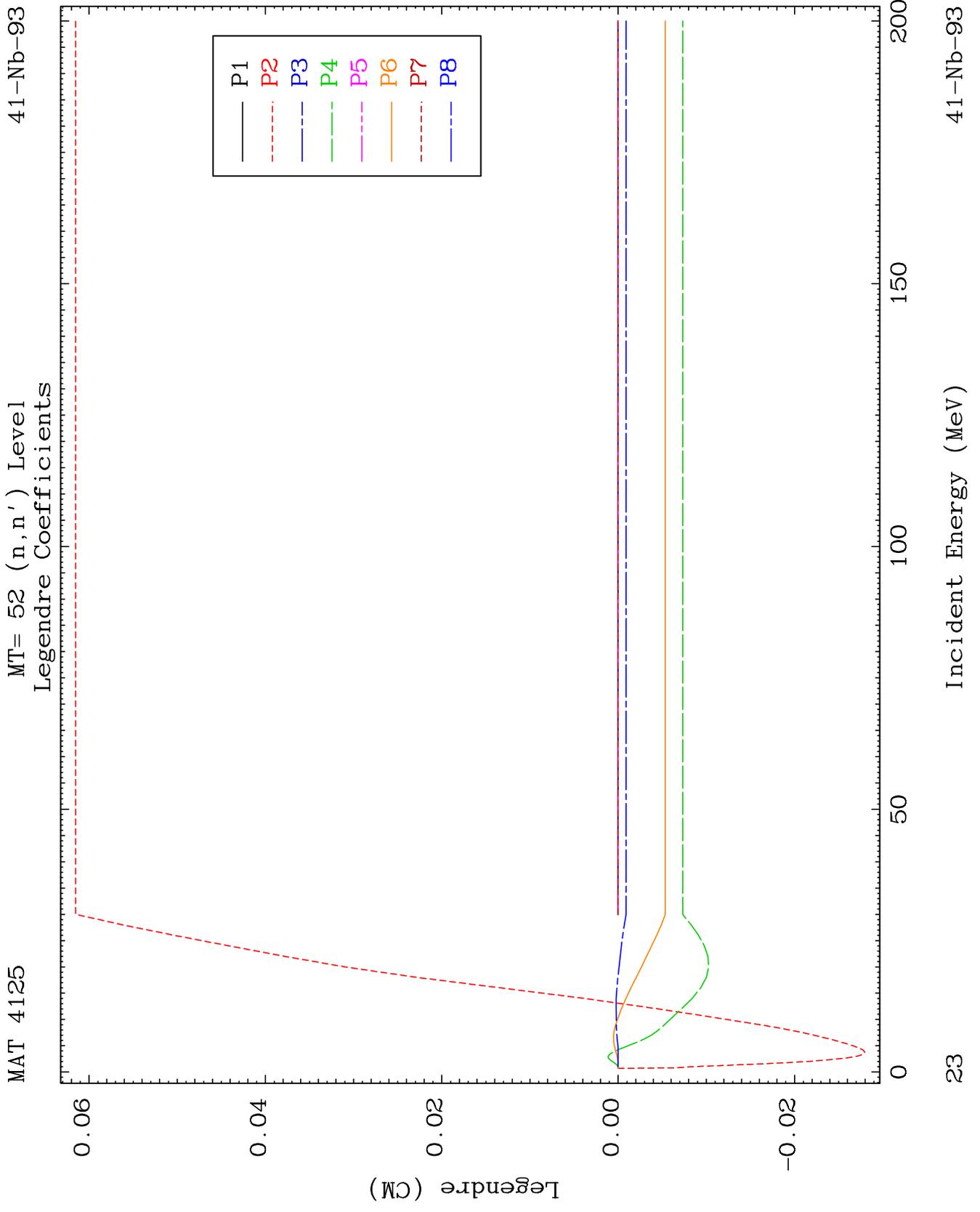
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Incident Energy (MeV)

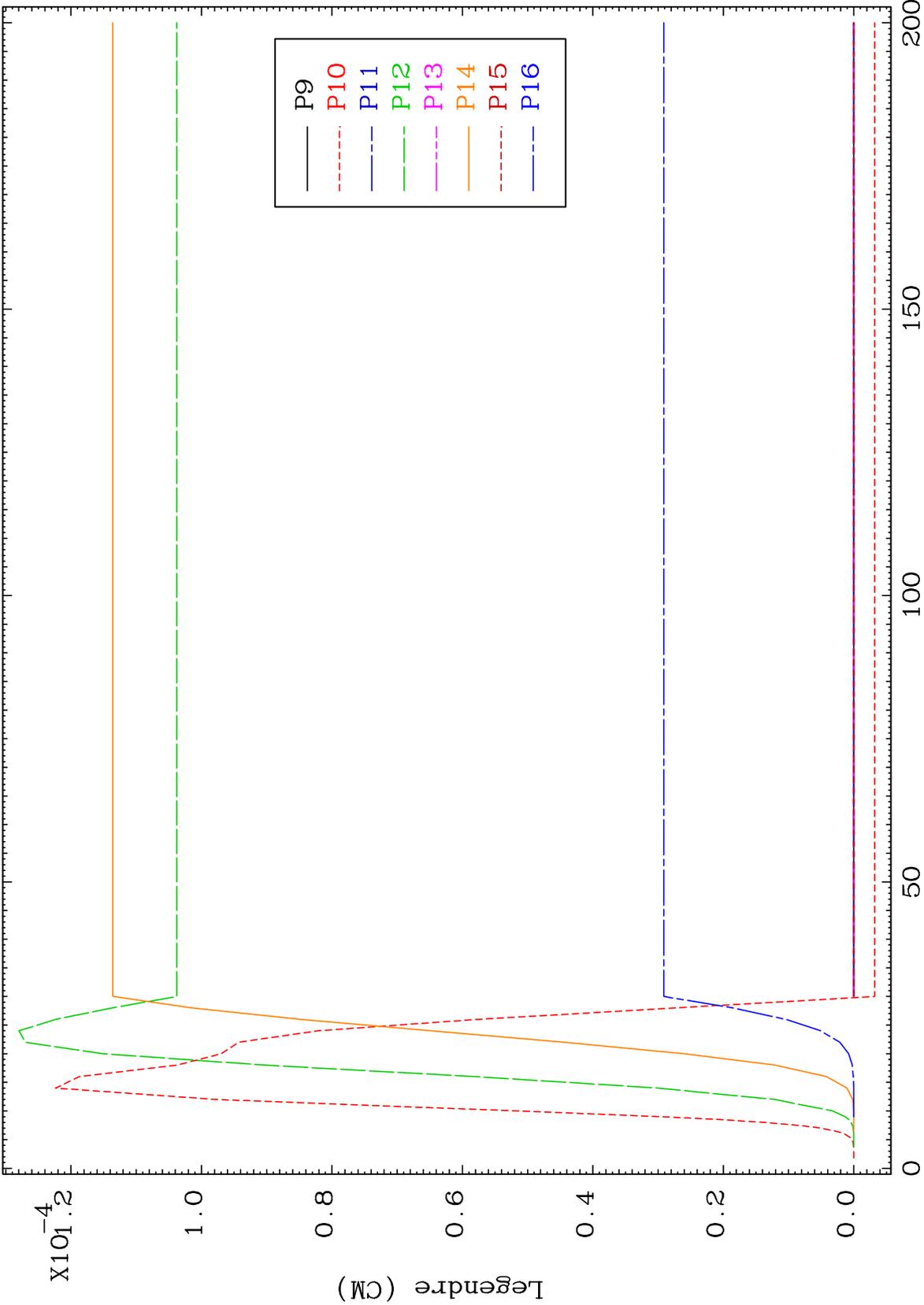
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MAT 4125

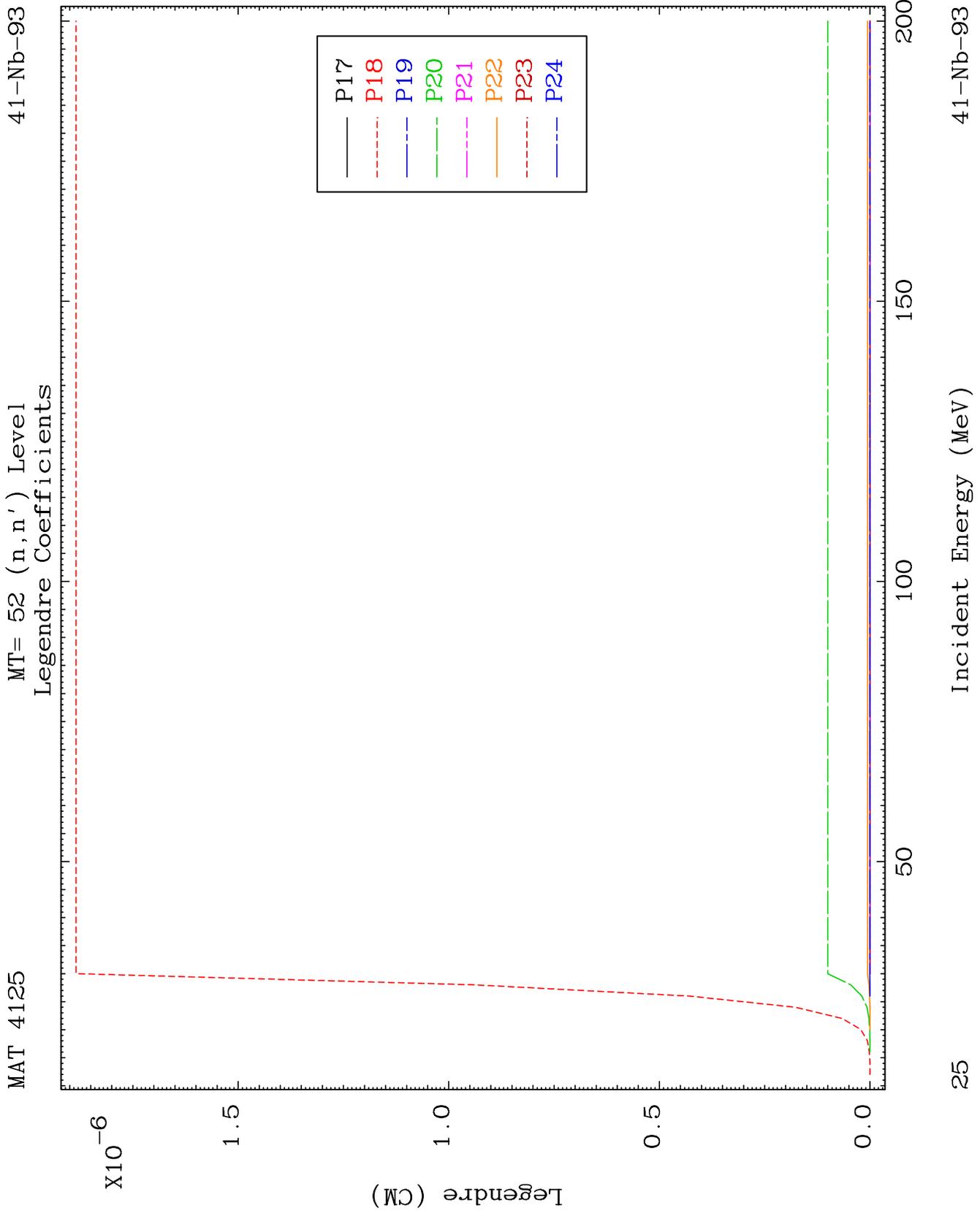
MT= 52 (n,n') Level
Legendre Coefficients

41-Nb-93



24

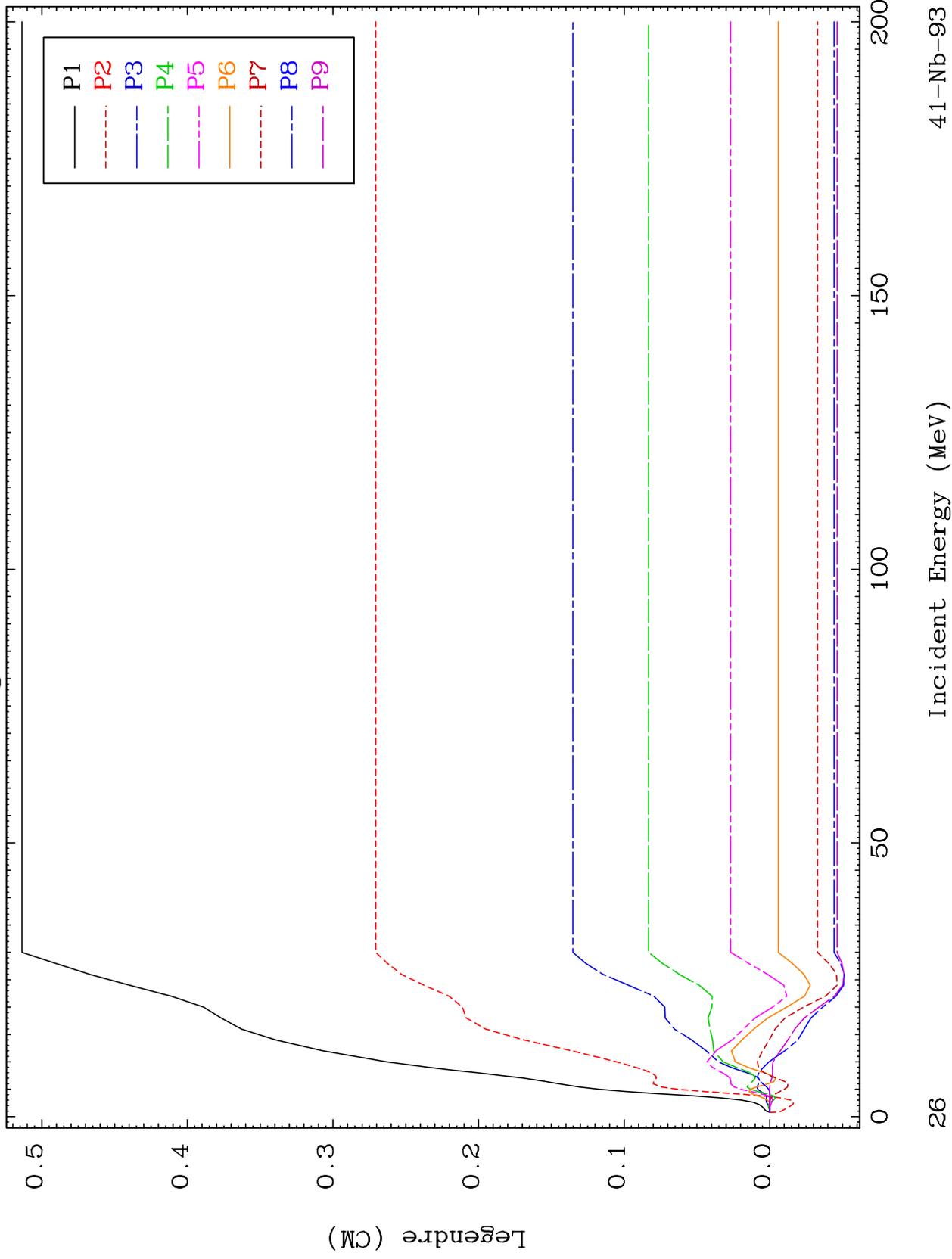
41-Nb-93



MAT 4125

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

41-Nb-93



26

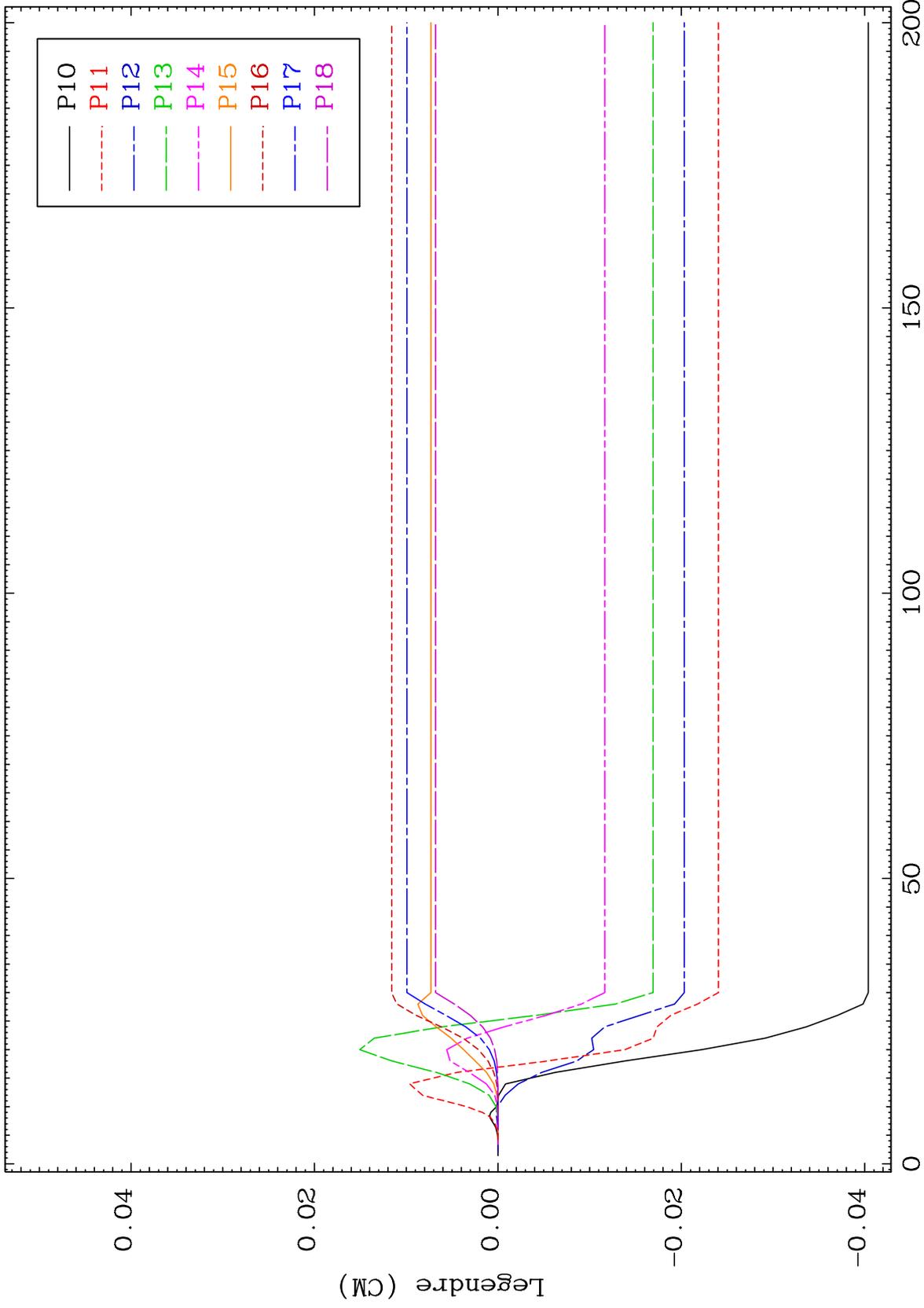
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



27

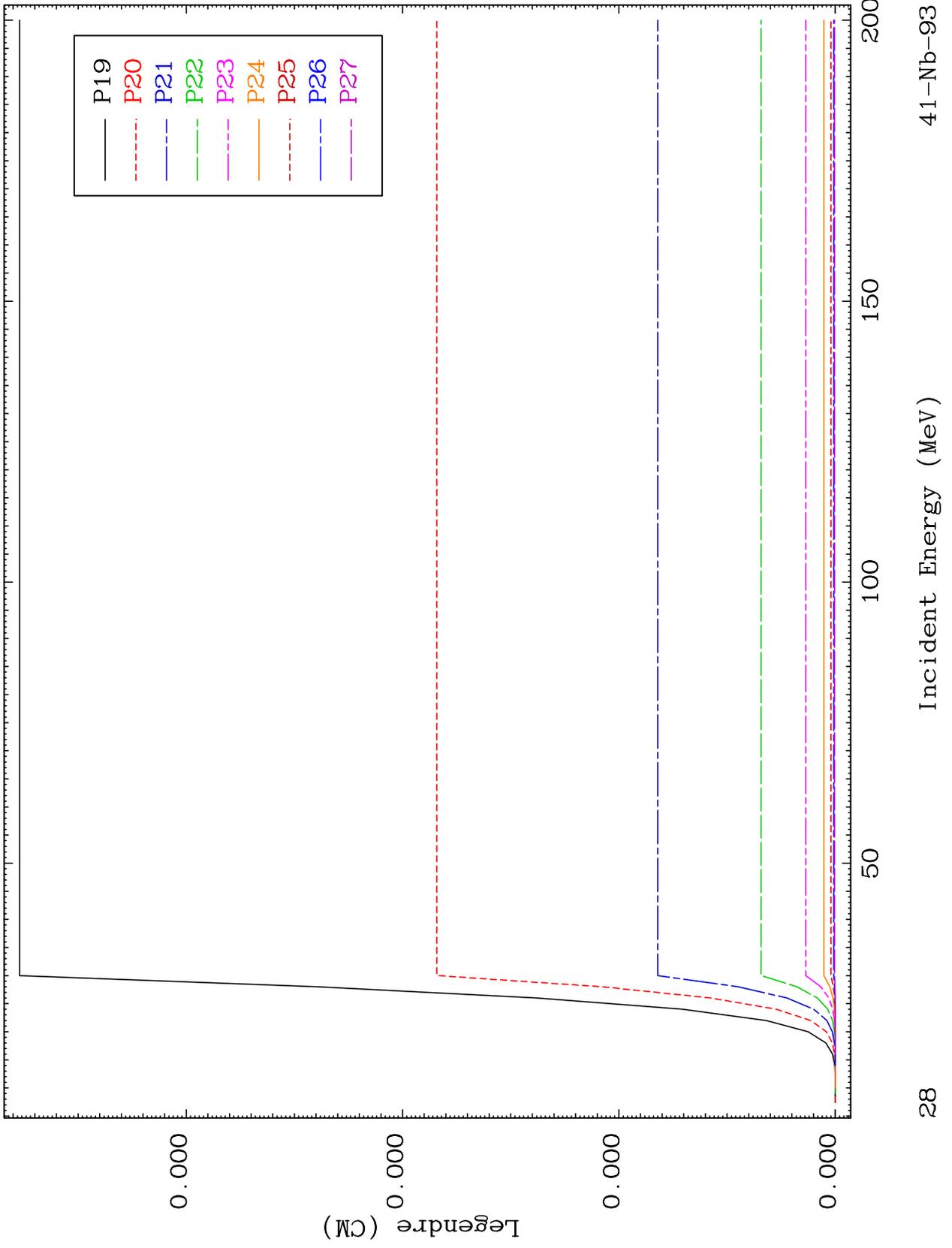
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

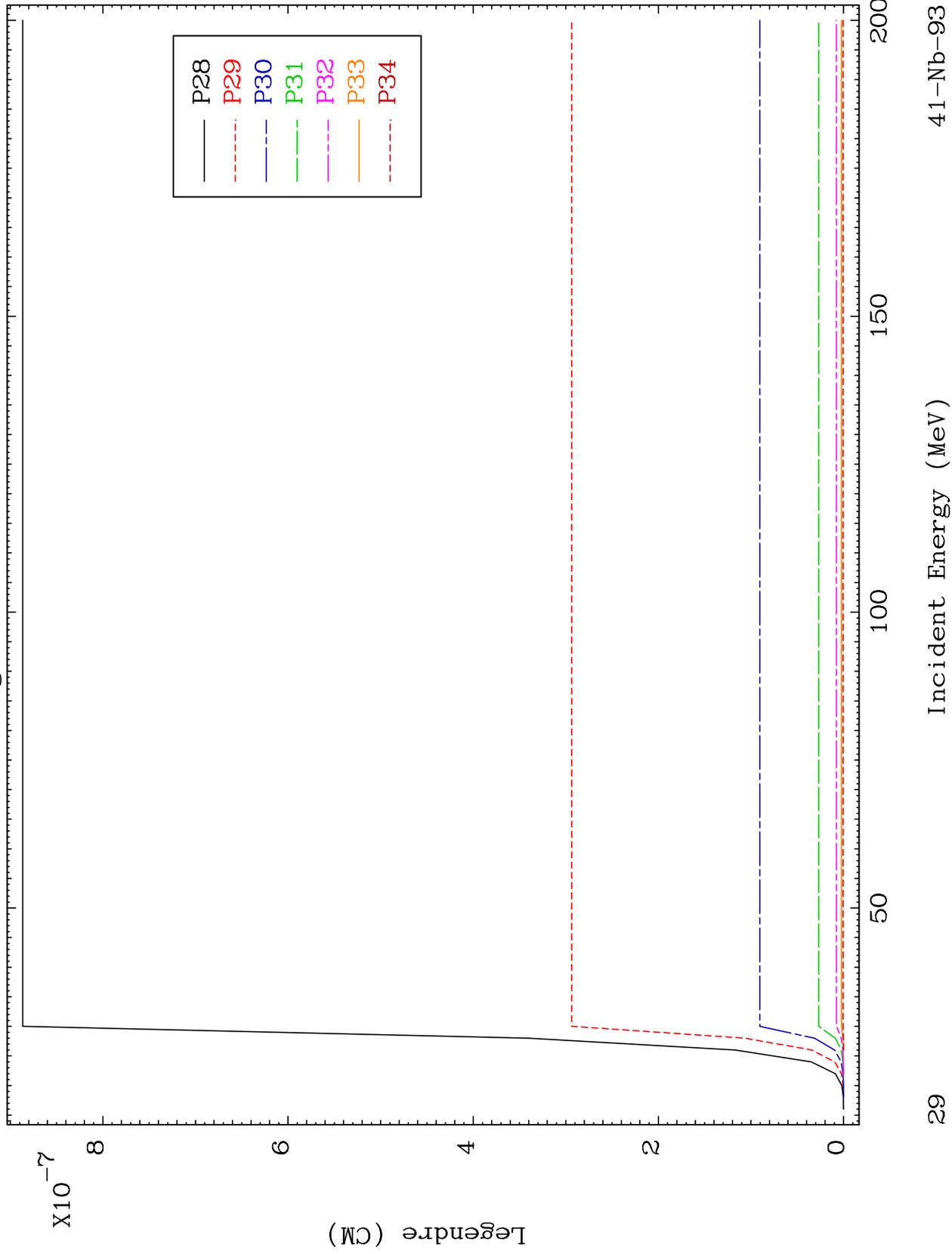


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MAT 4125

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

41-Nb-93



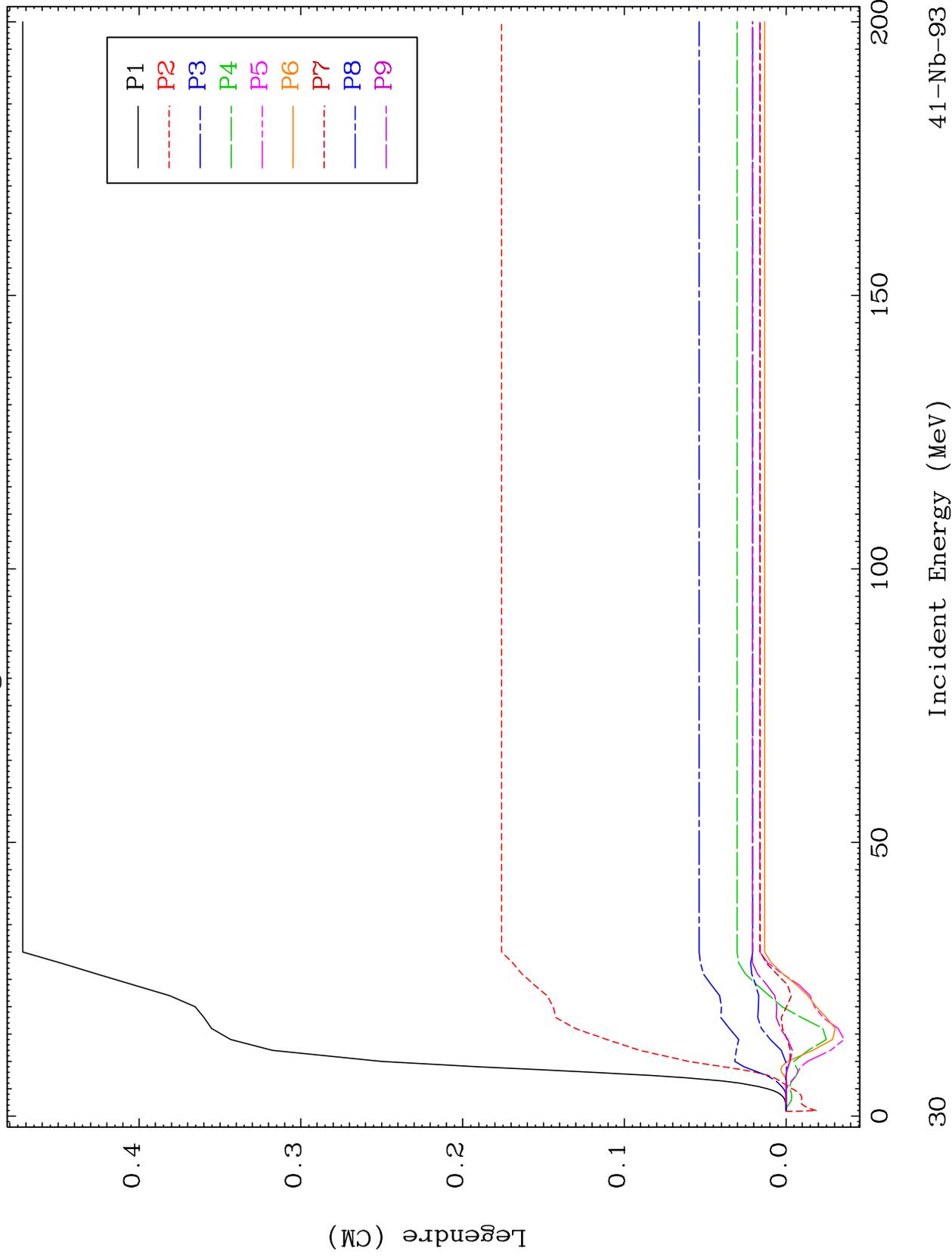
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41-Nb-93

MAT 4125

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

41-Nb-93

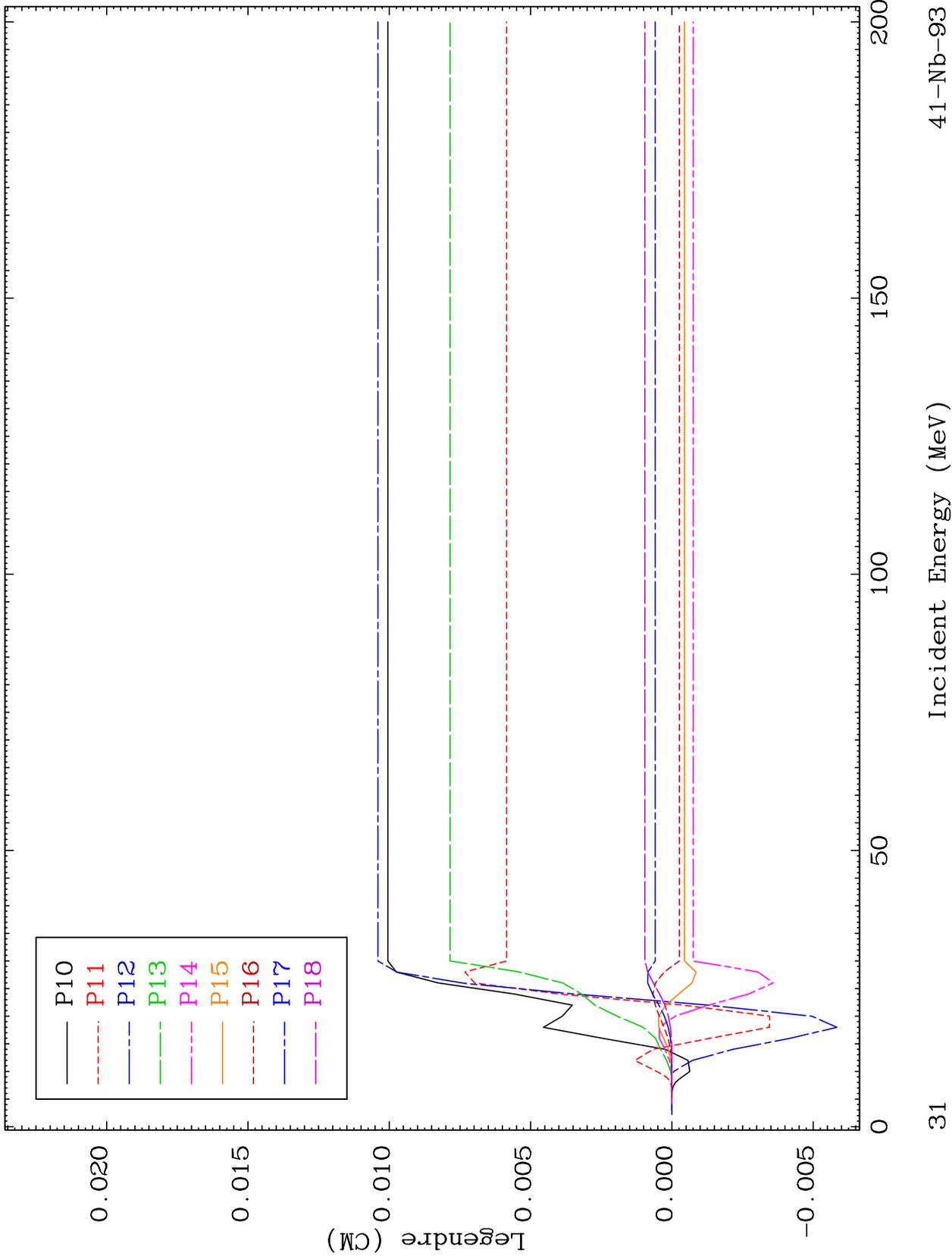


41-Nb-93

MAT 4125

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

41-Nb-93



31

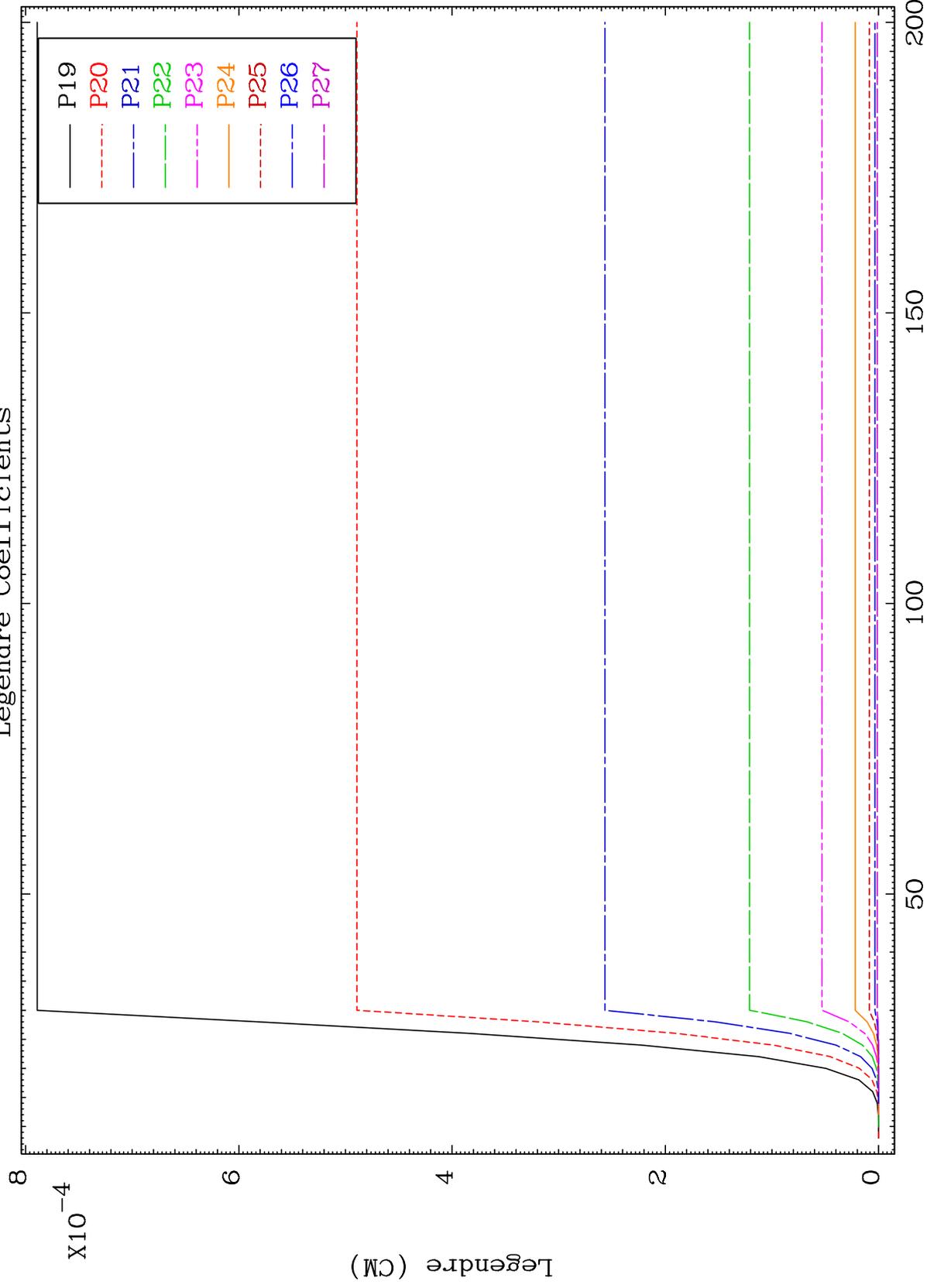
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



32

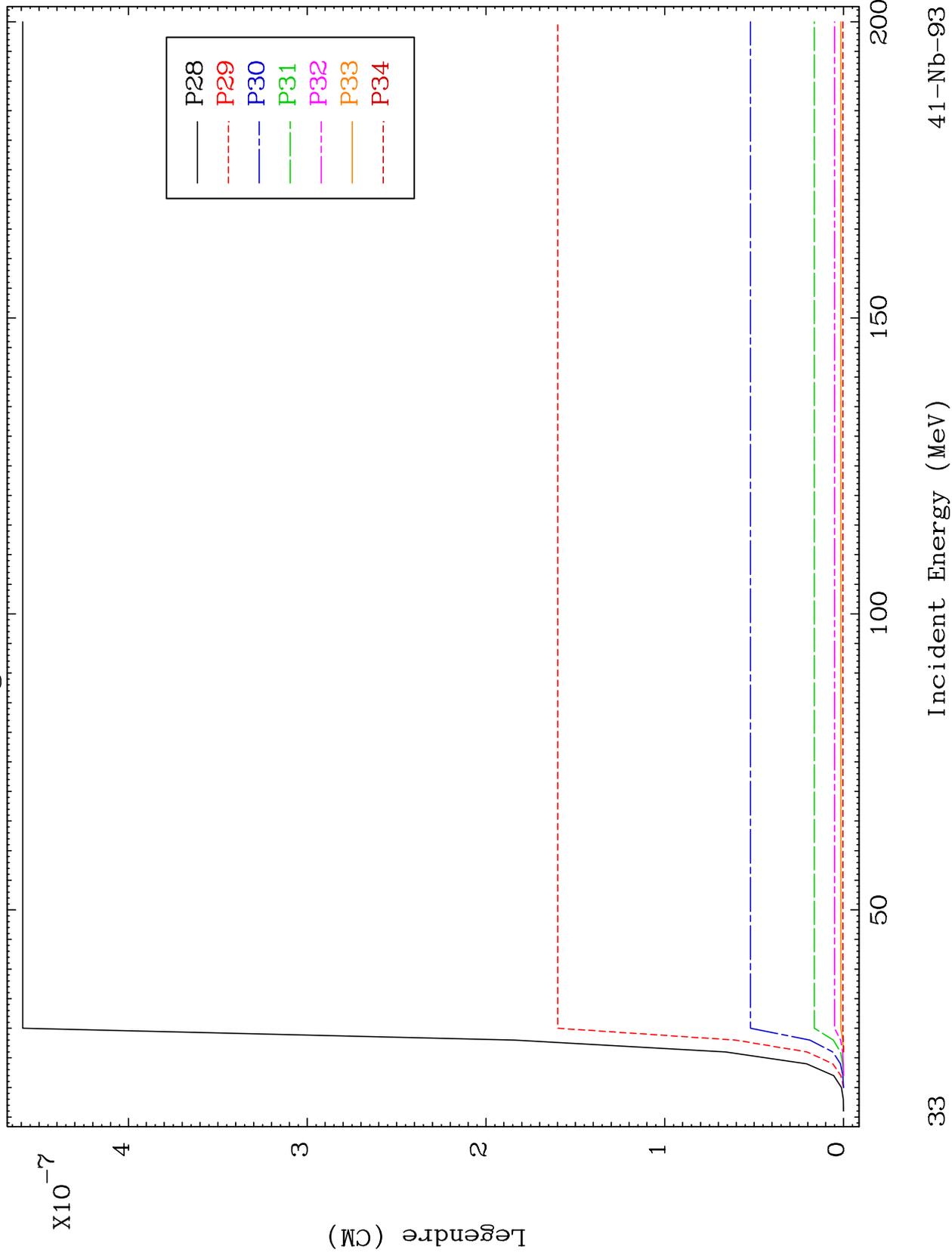
Incident Energy (MeV)

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MAT 4125

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

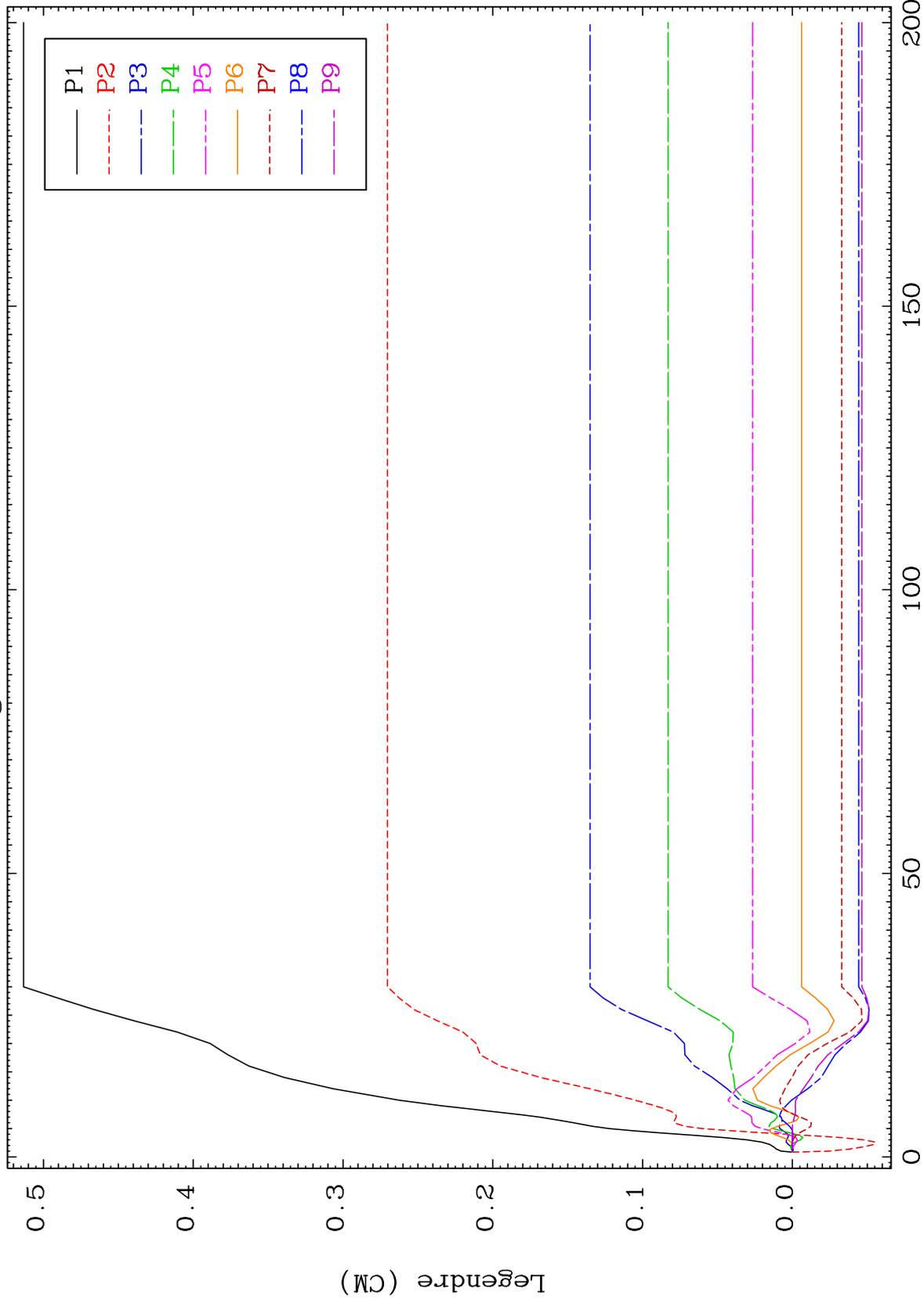
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MAT 4125

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

41-Nb-93



34

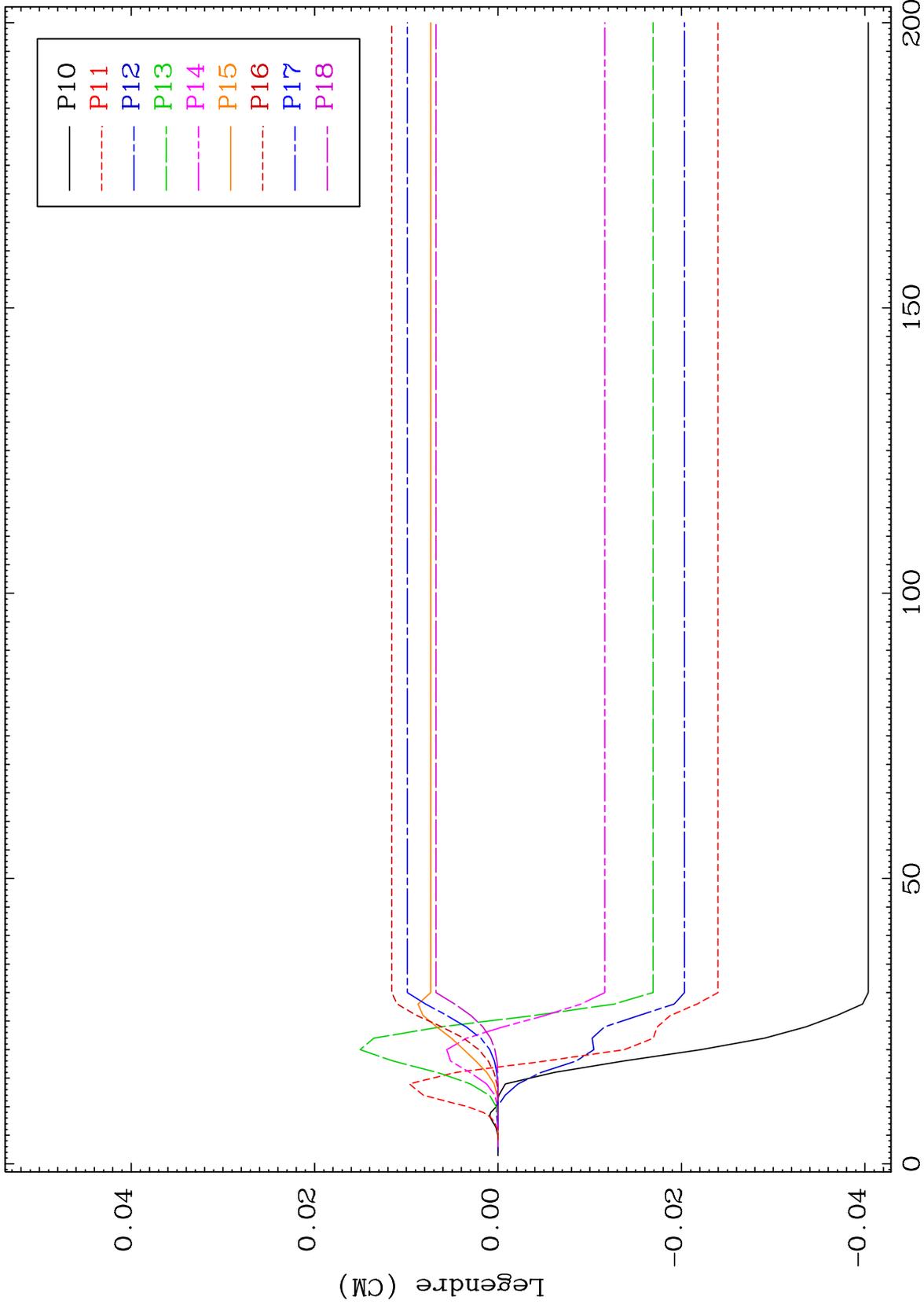
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



35

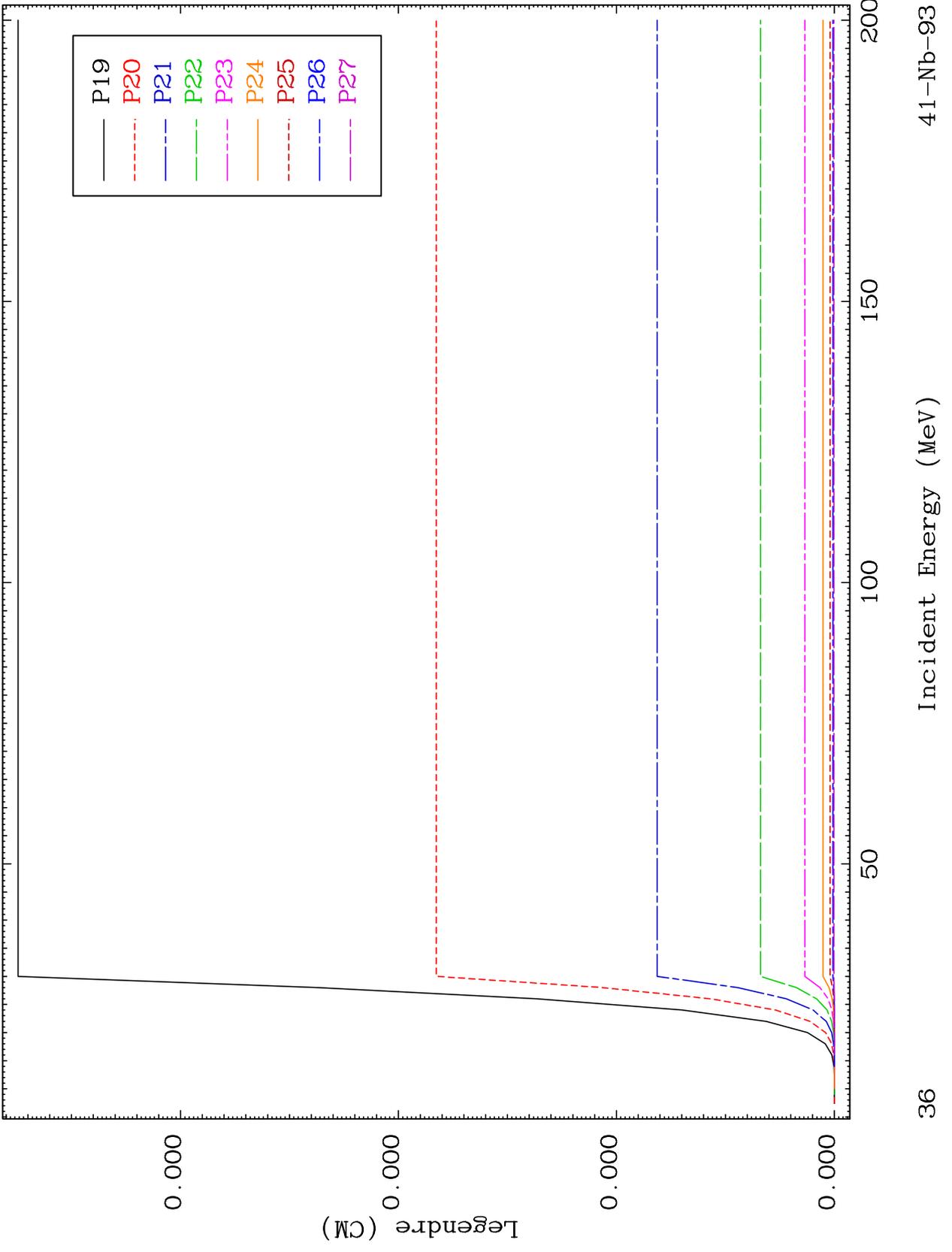
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

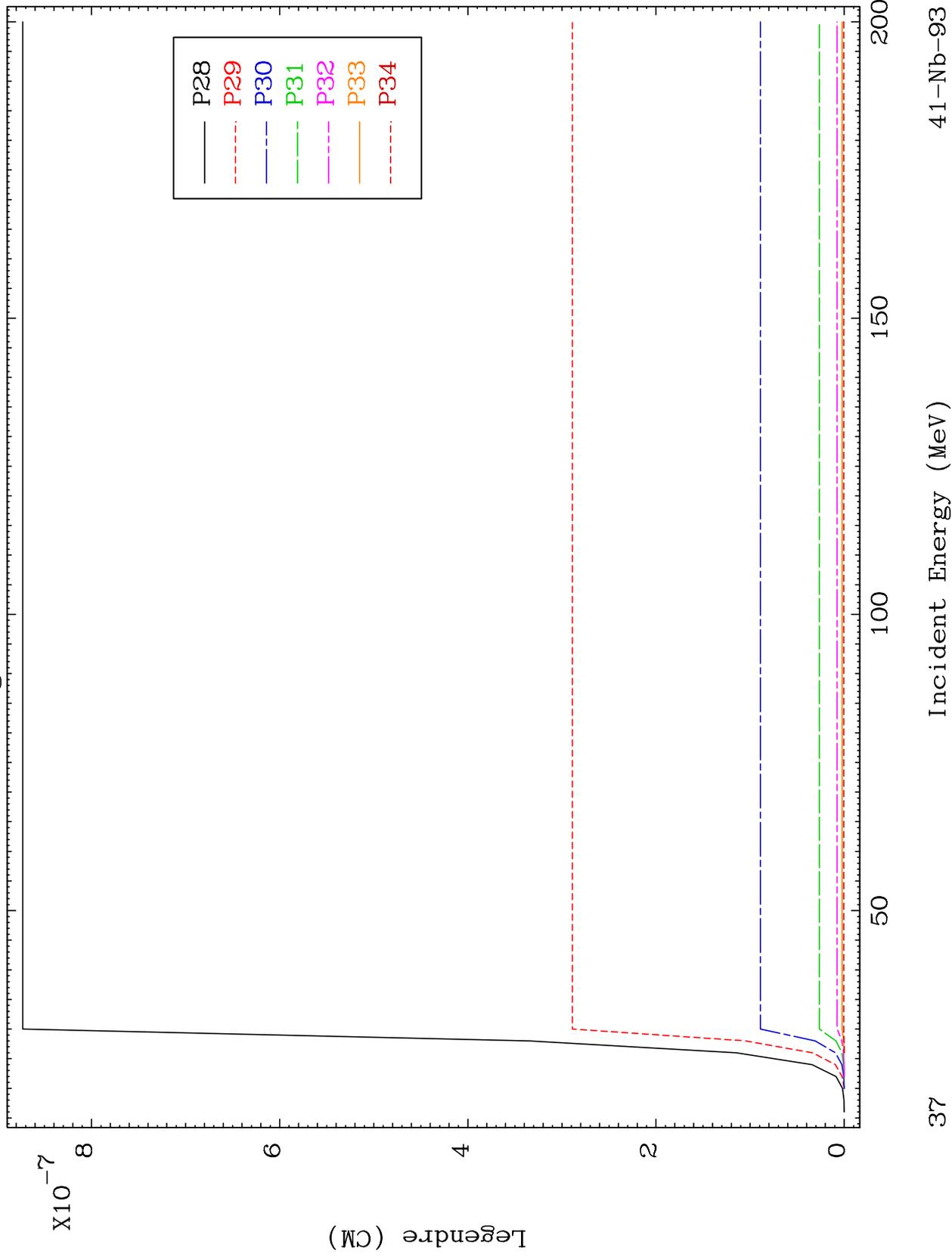
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MAT 4125

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

41-Nb-93



37

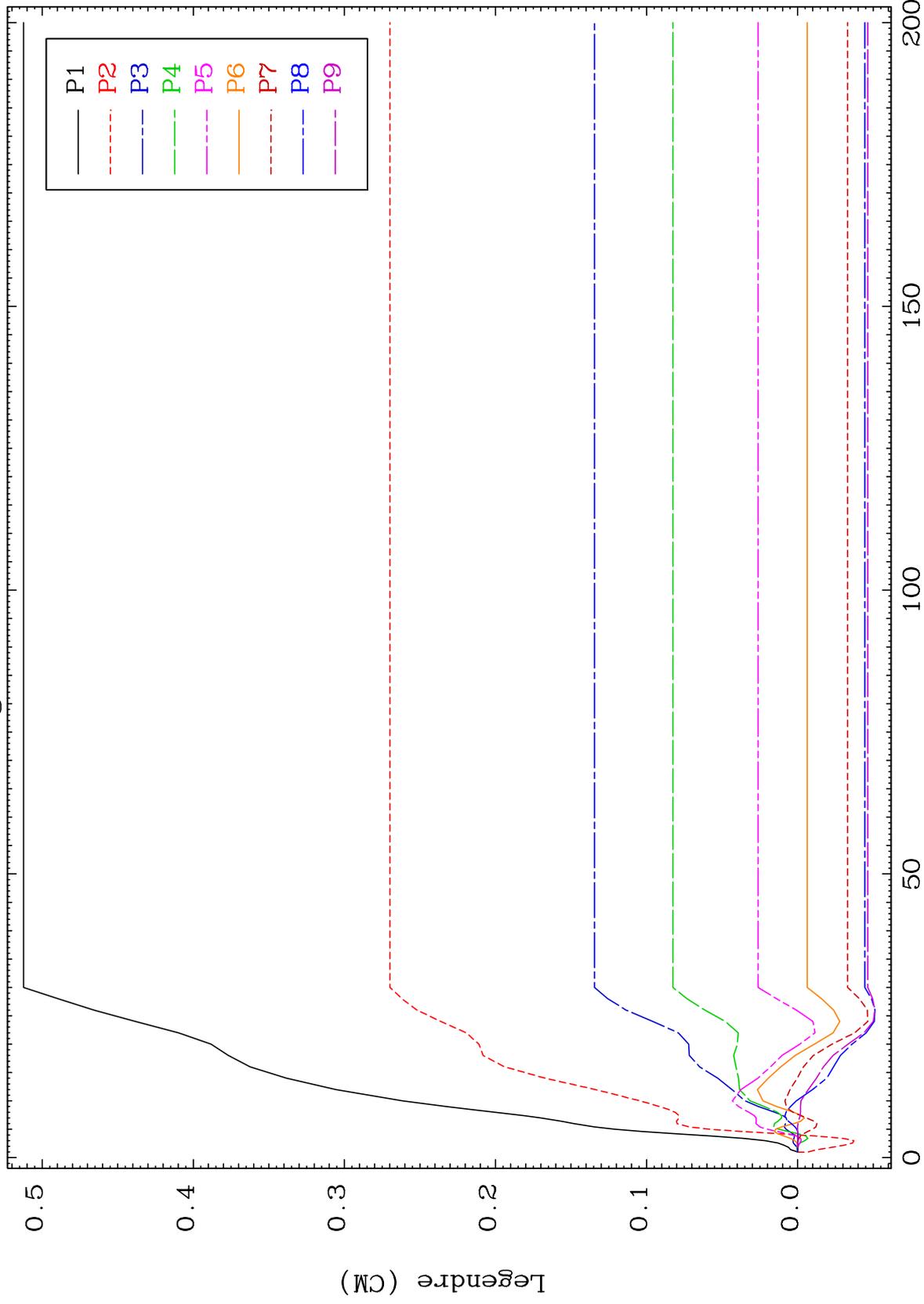
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



38

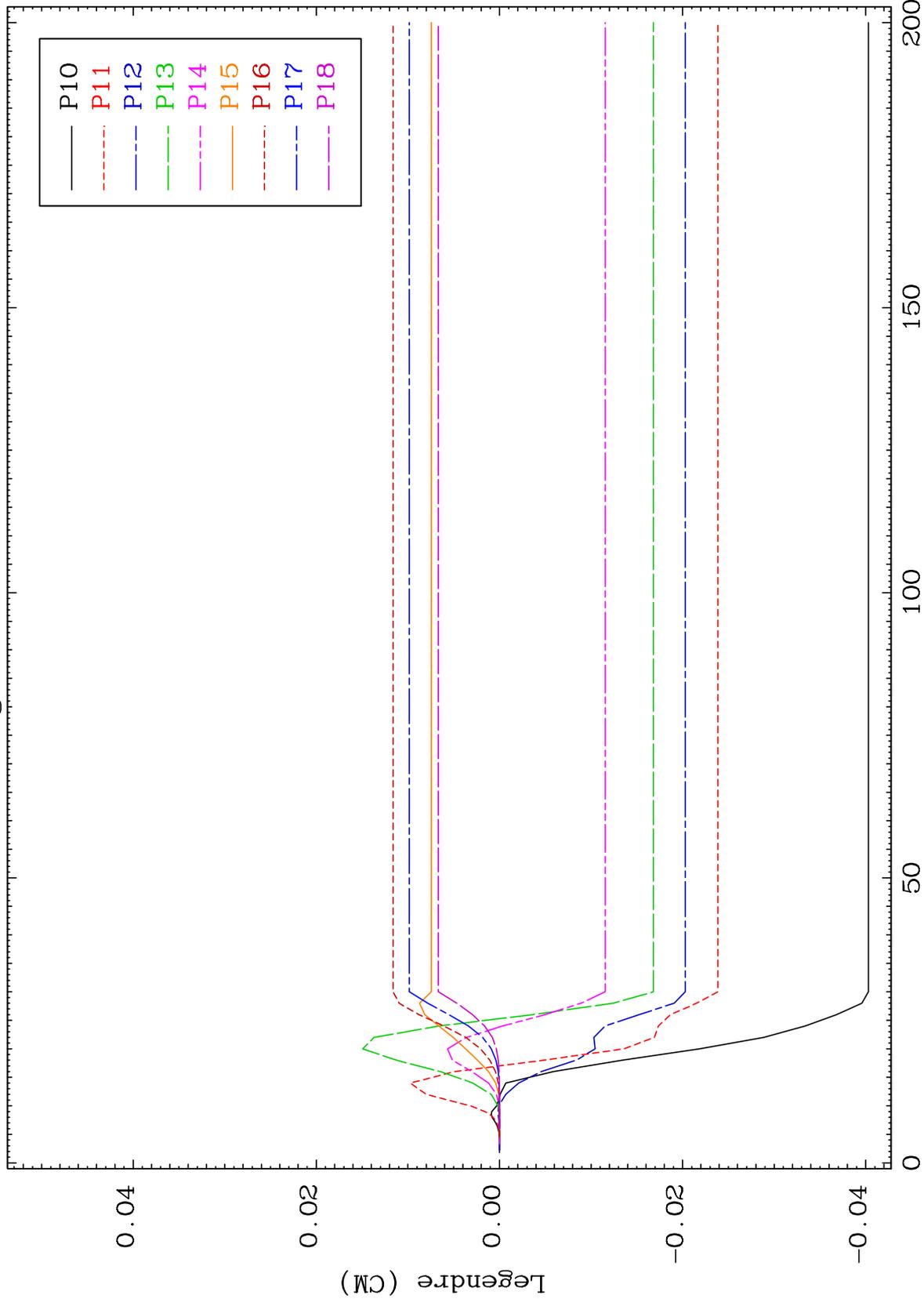
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41-Nb-93

MAT 4125

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

41-Nb-93



39

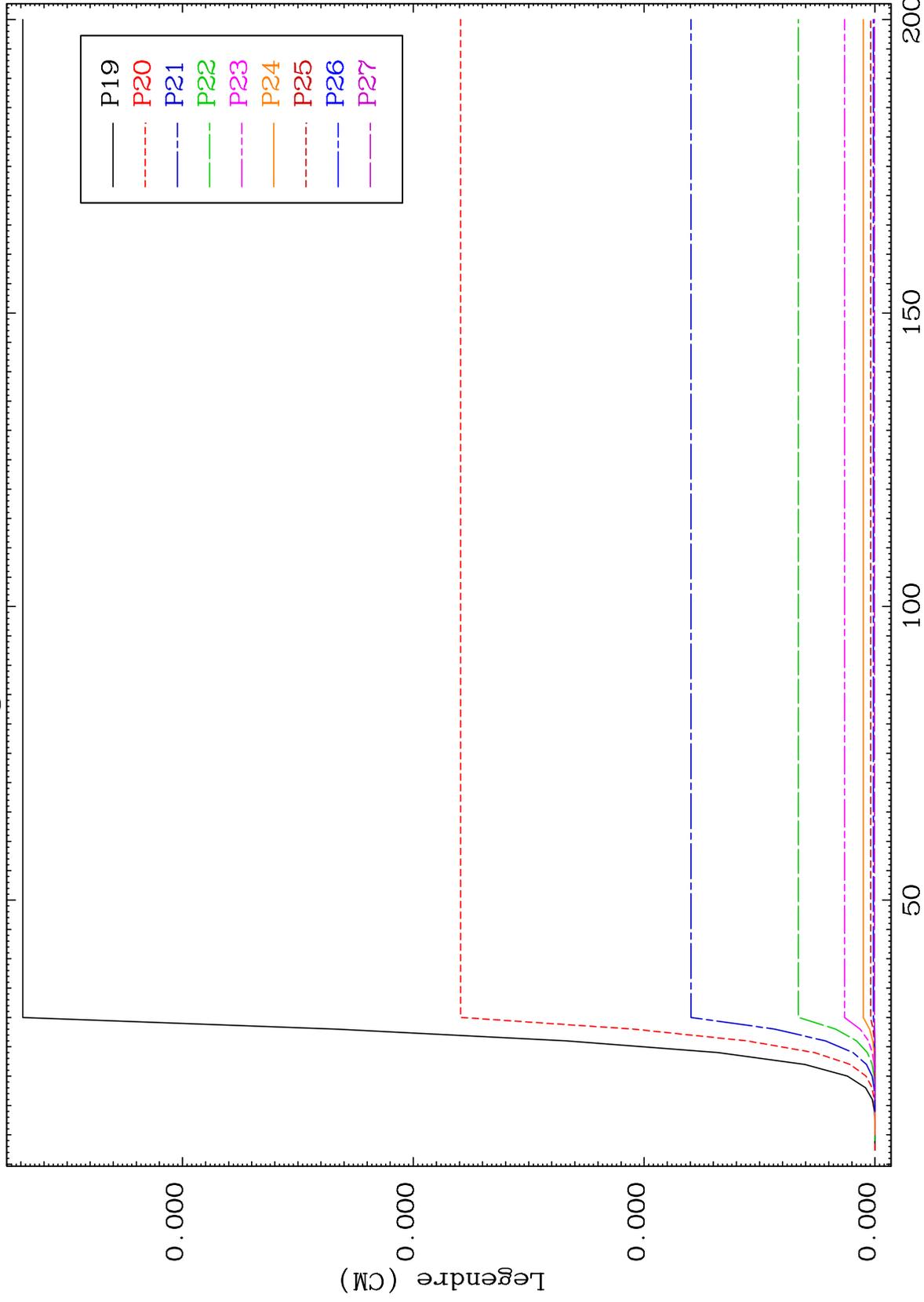
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



40

Incident Energy (MeV)

50

100

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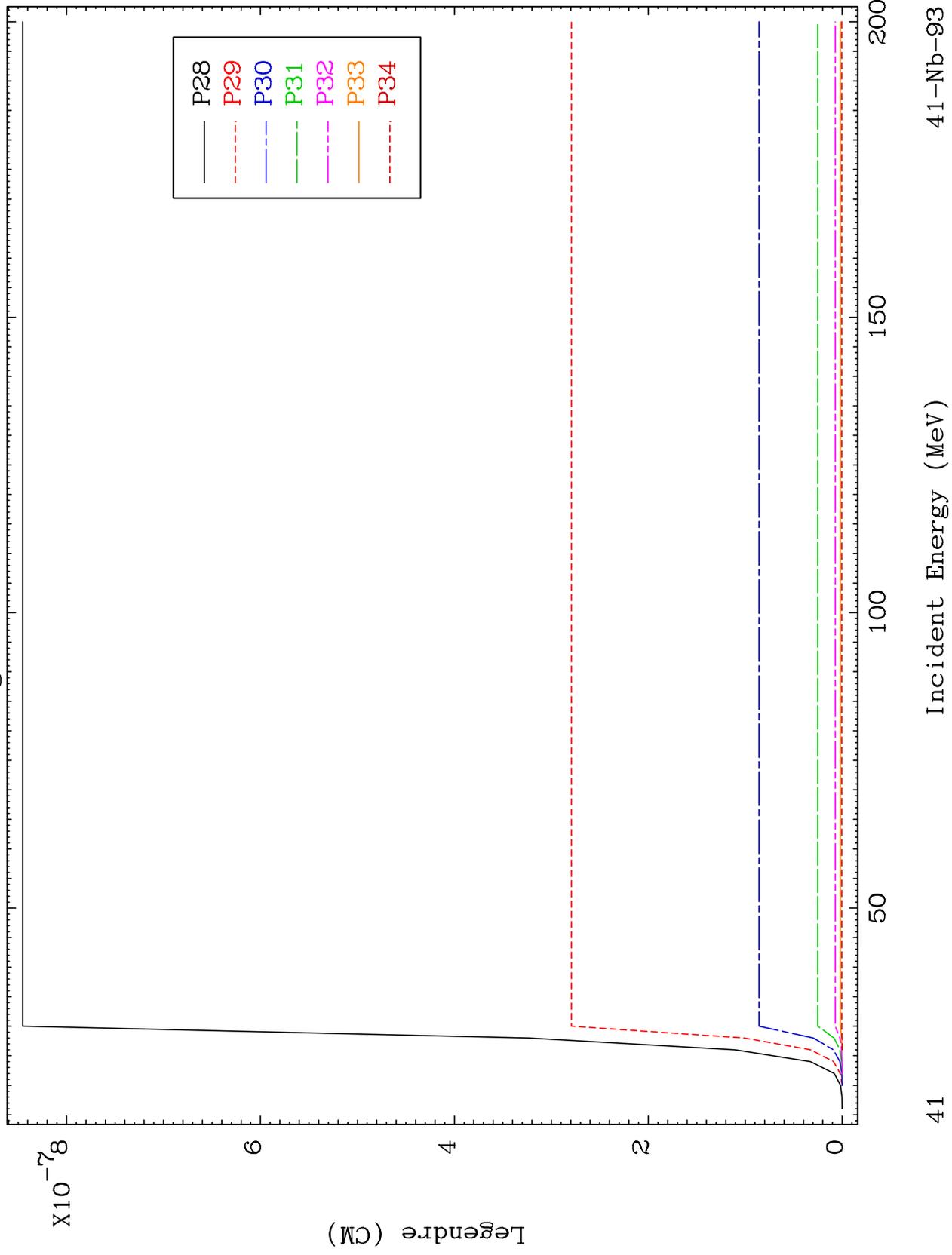
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MAT 4125

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

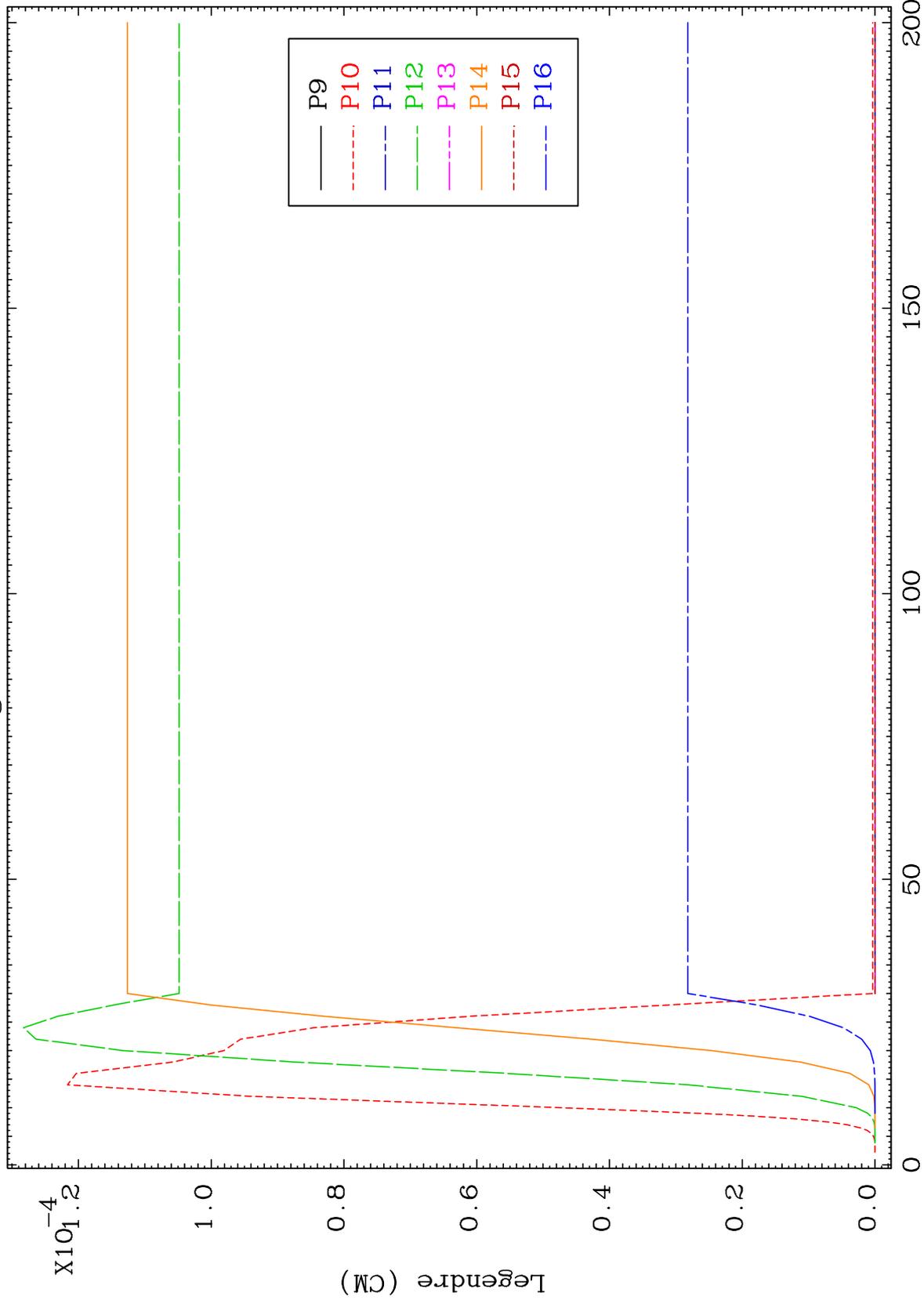
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MAT 4125

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

41-Nb-93



43

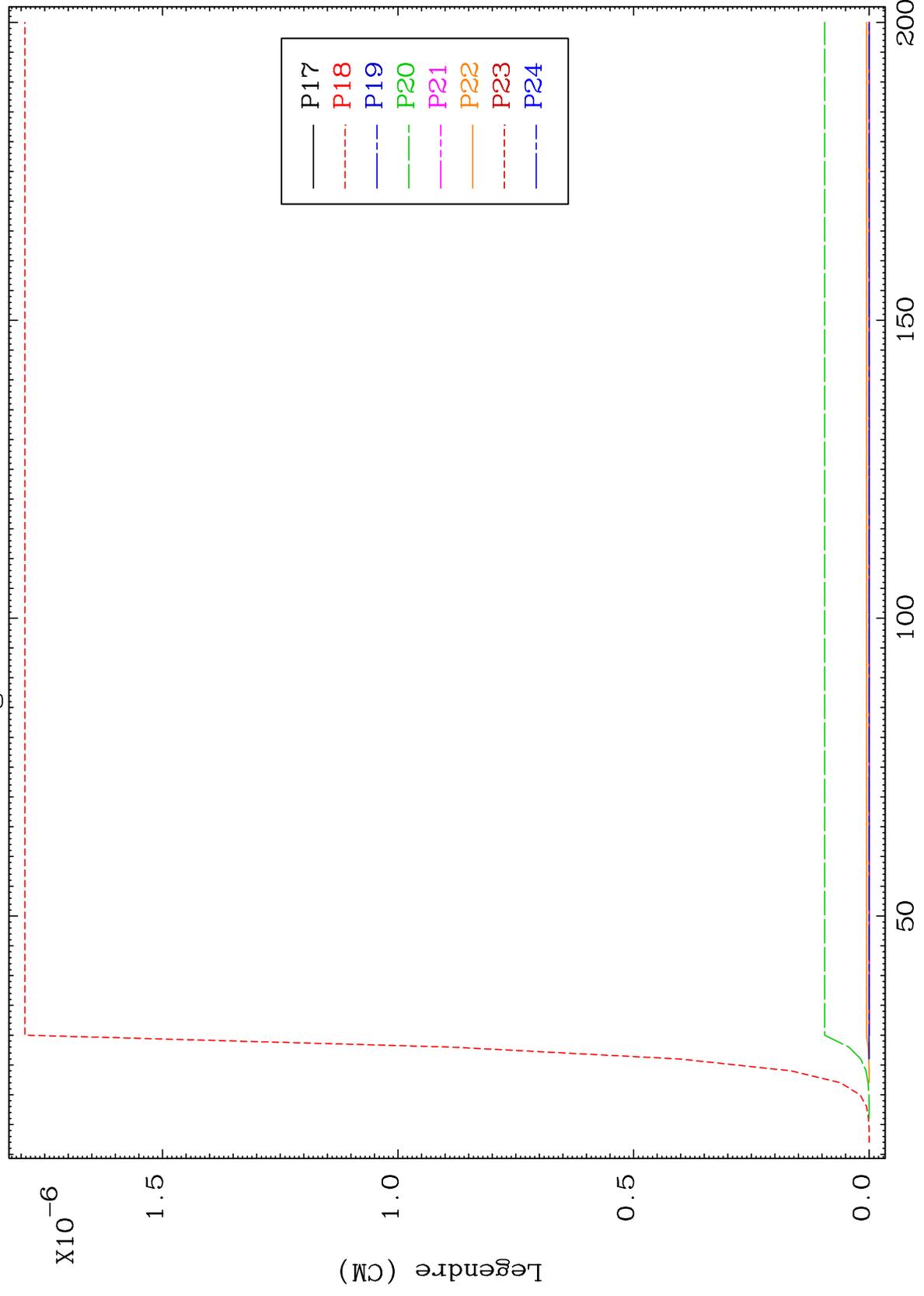
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



41-Nb-93

Incident Energy (MeV)

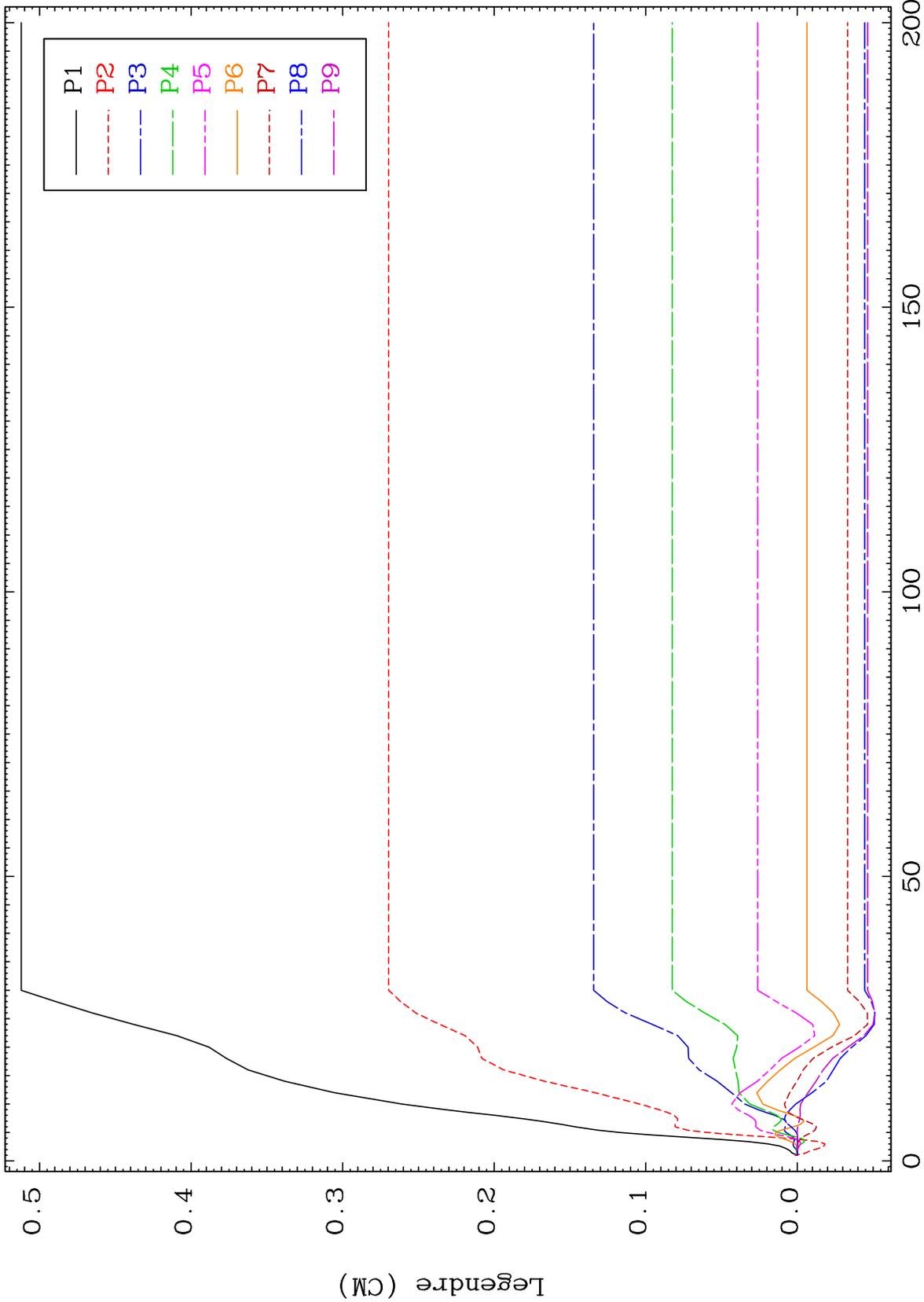
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MAT 4125

MT= 58 (n,n') Level

41-Nb-93

Legendre Coefficients



45

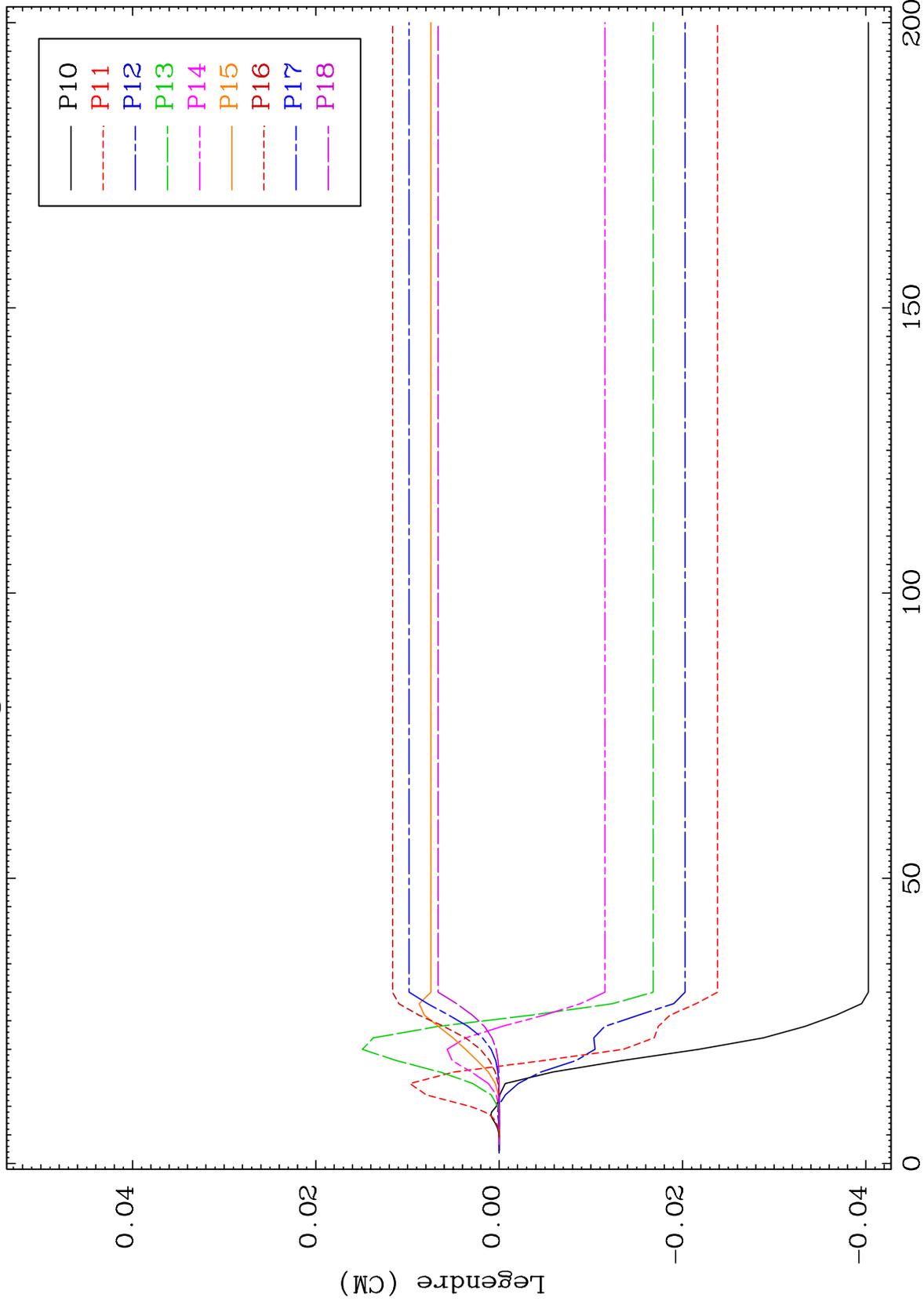
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



46

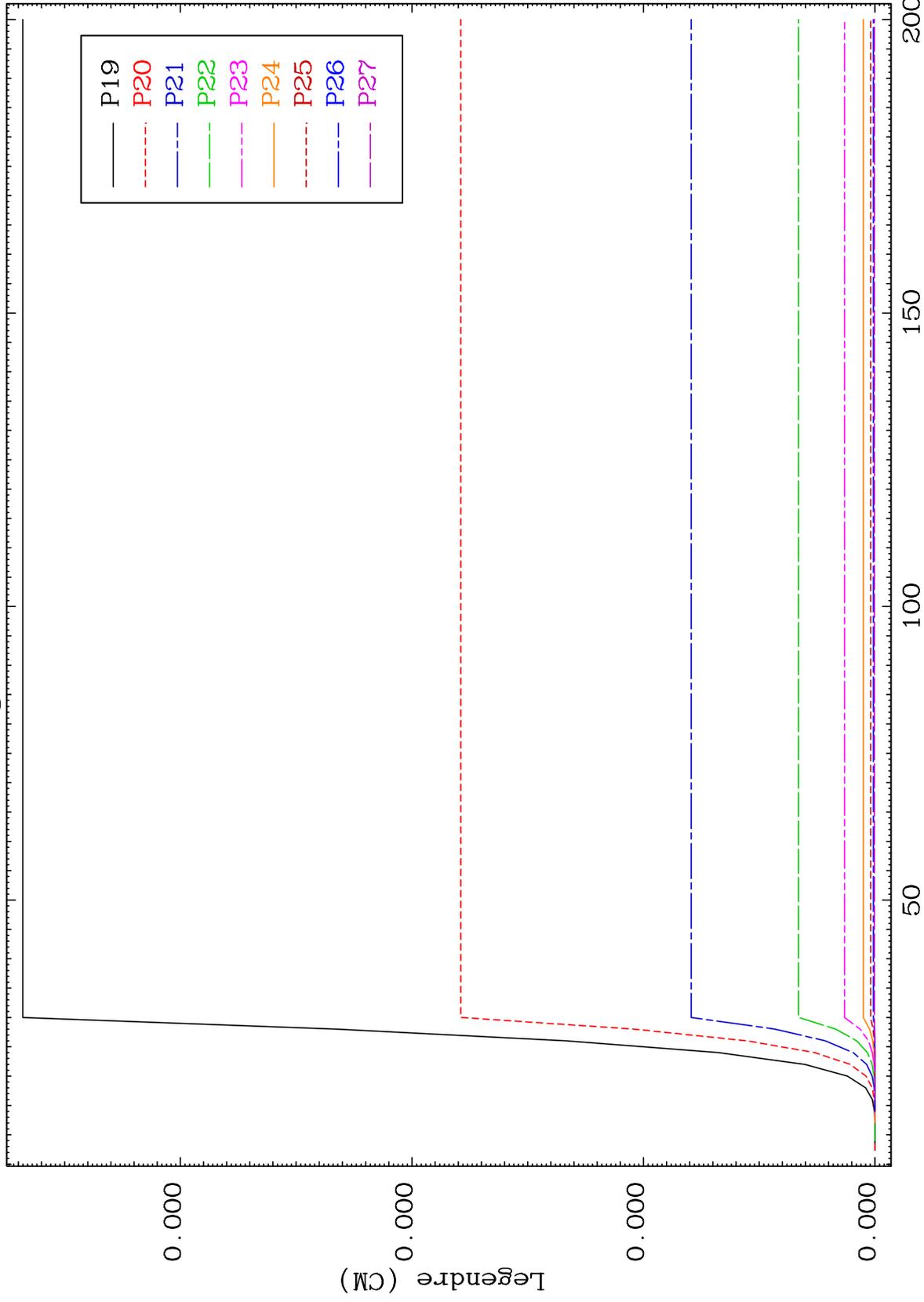
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



47

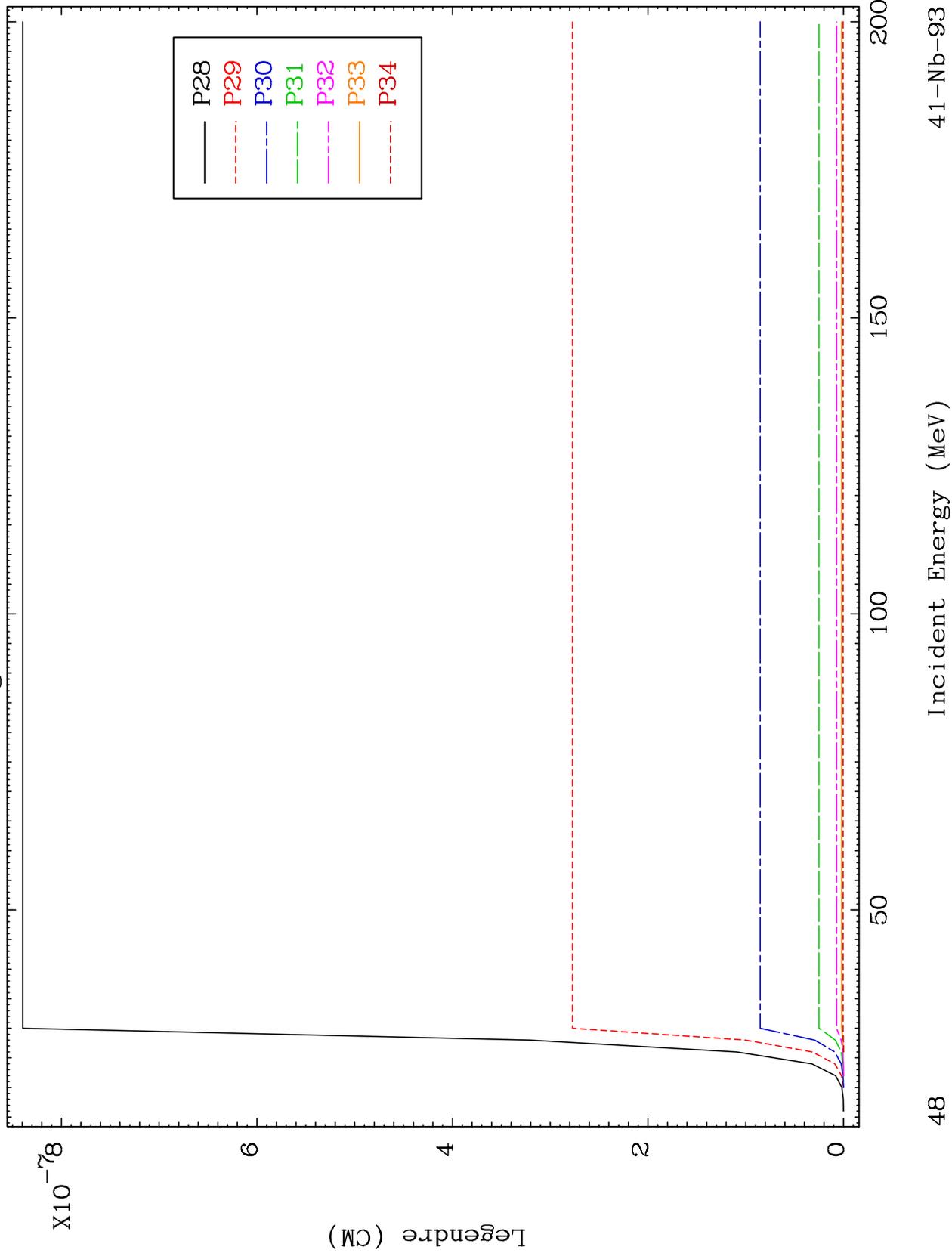
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



48

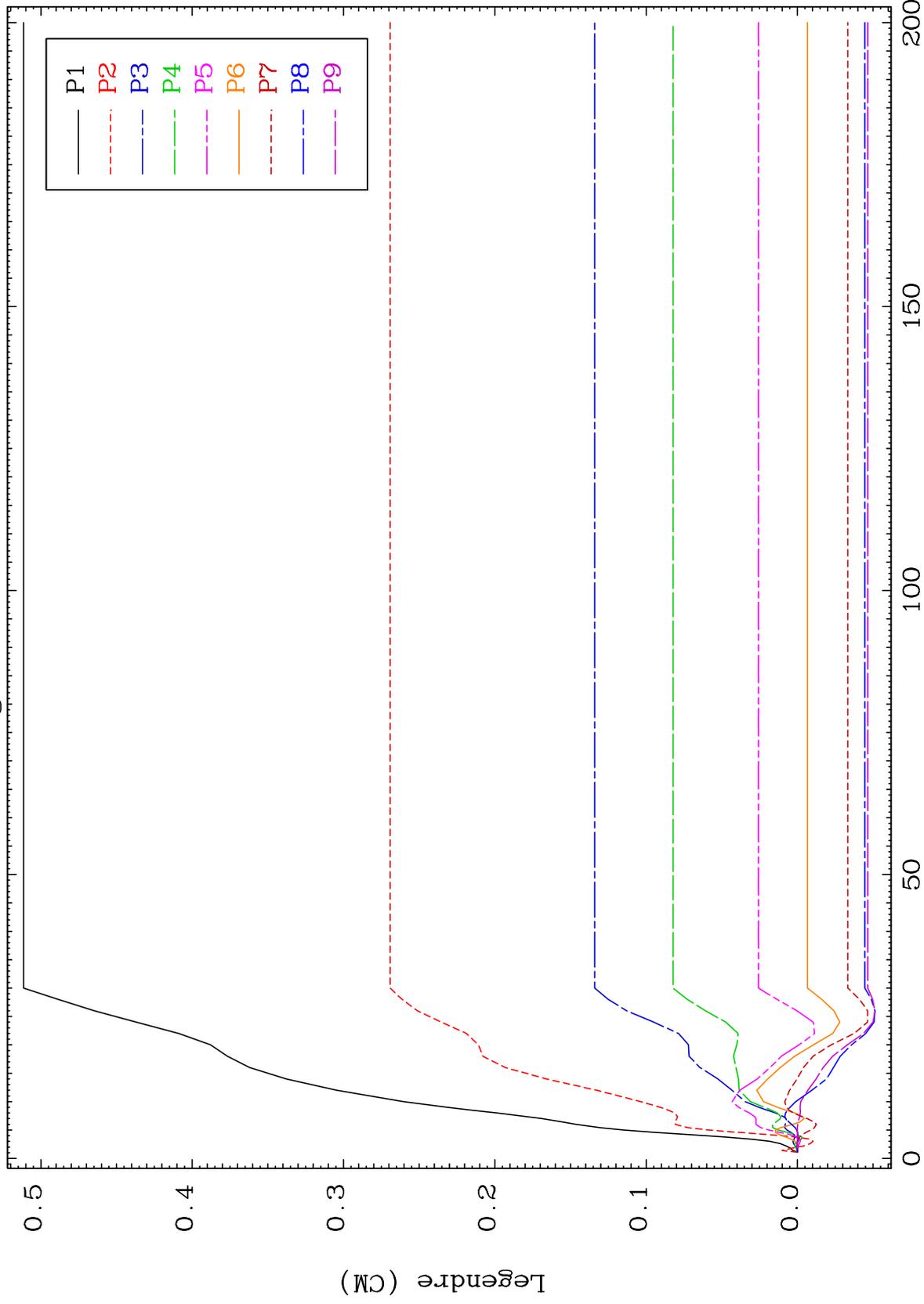
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



49

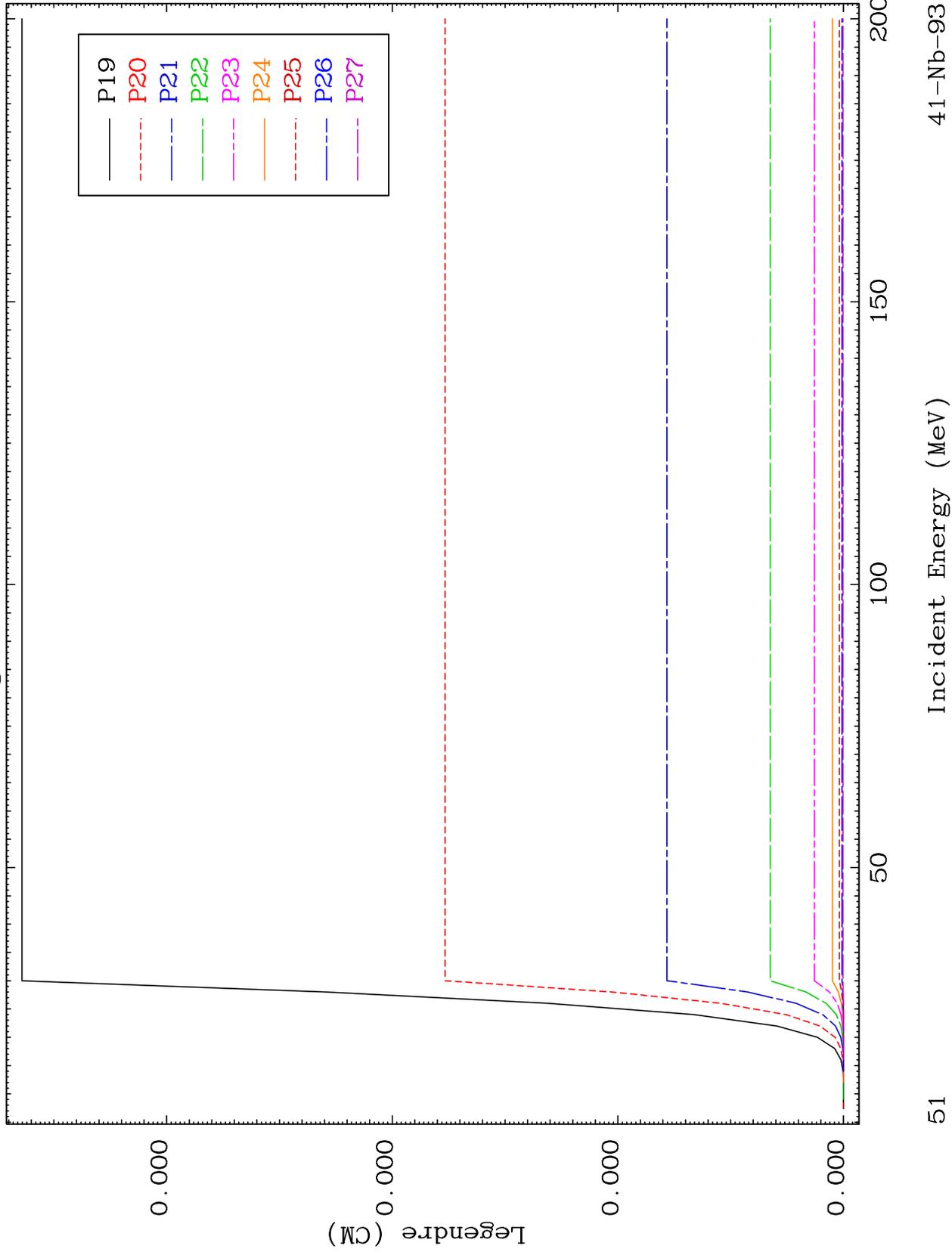
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



51

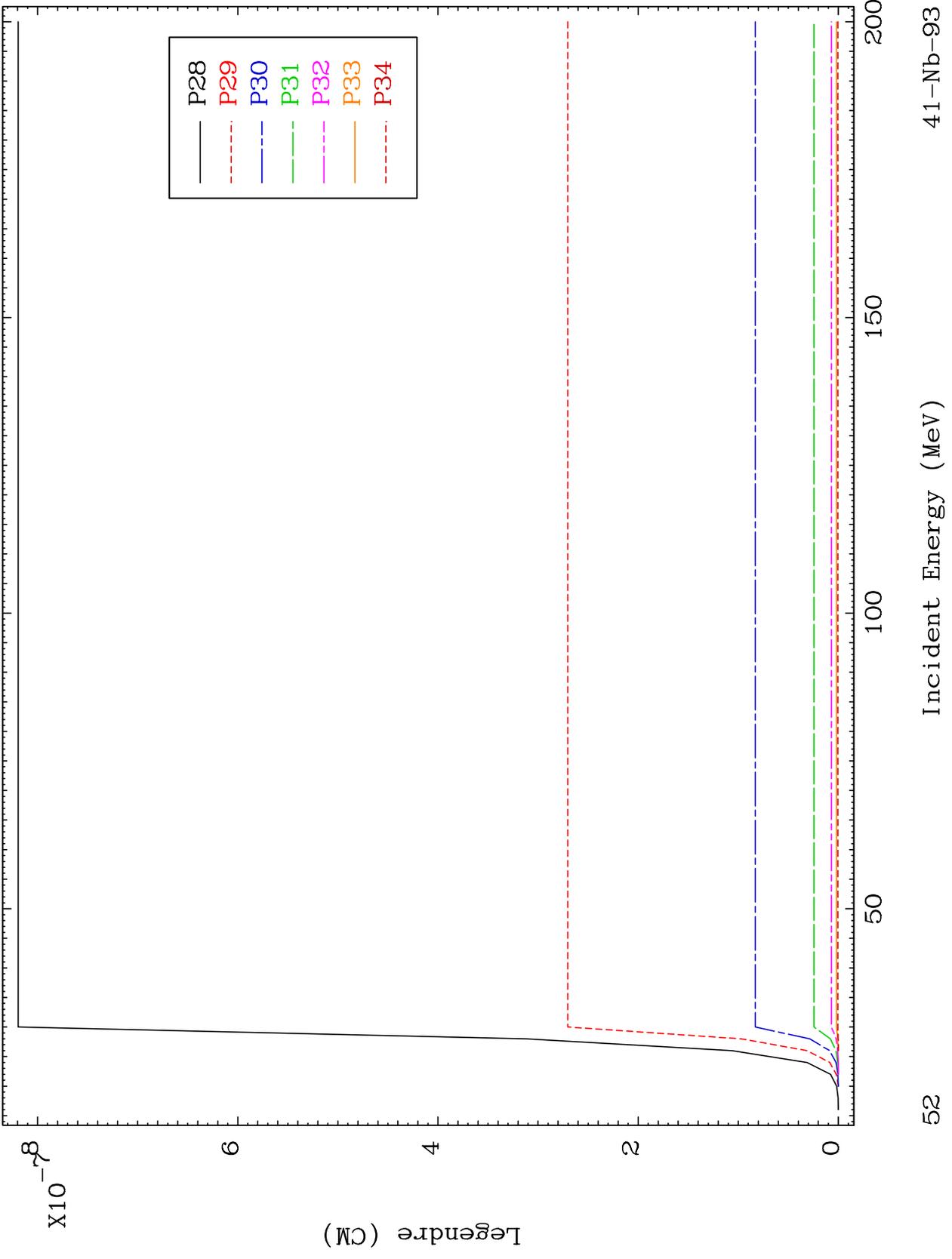
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MAT 4125

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

41-Nb-93



52

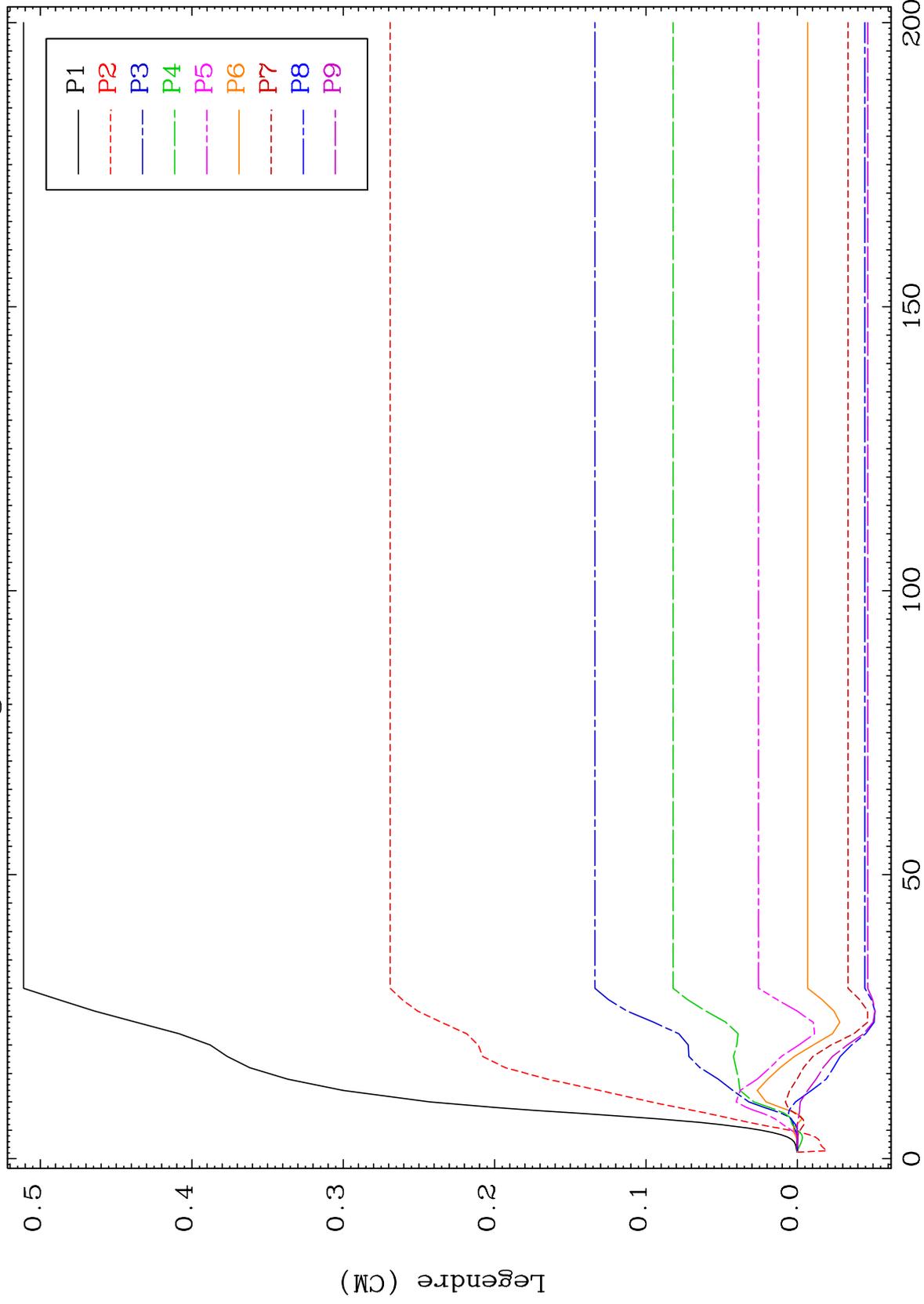
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MAT 4125

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

41-Nb-93



53

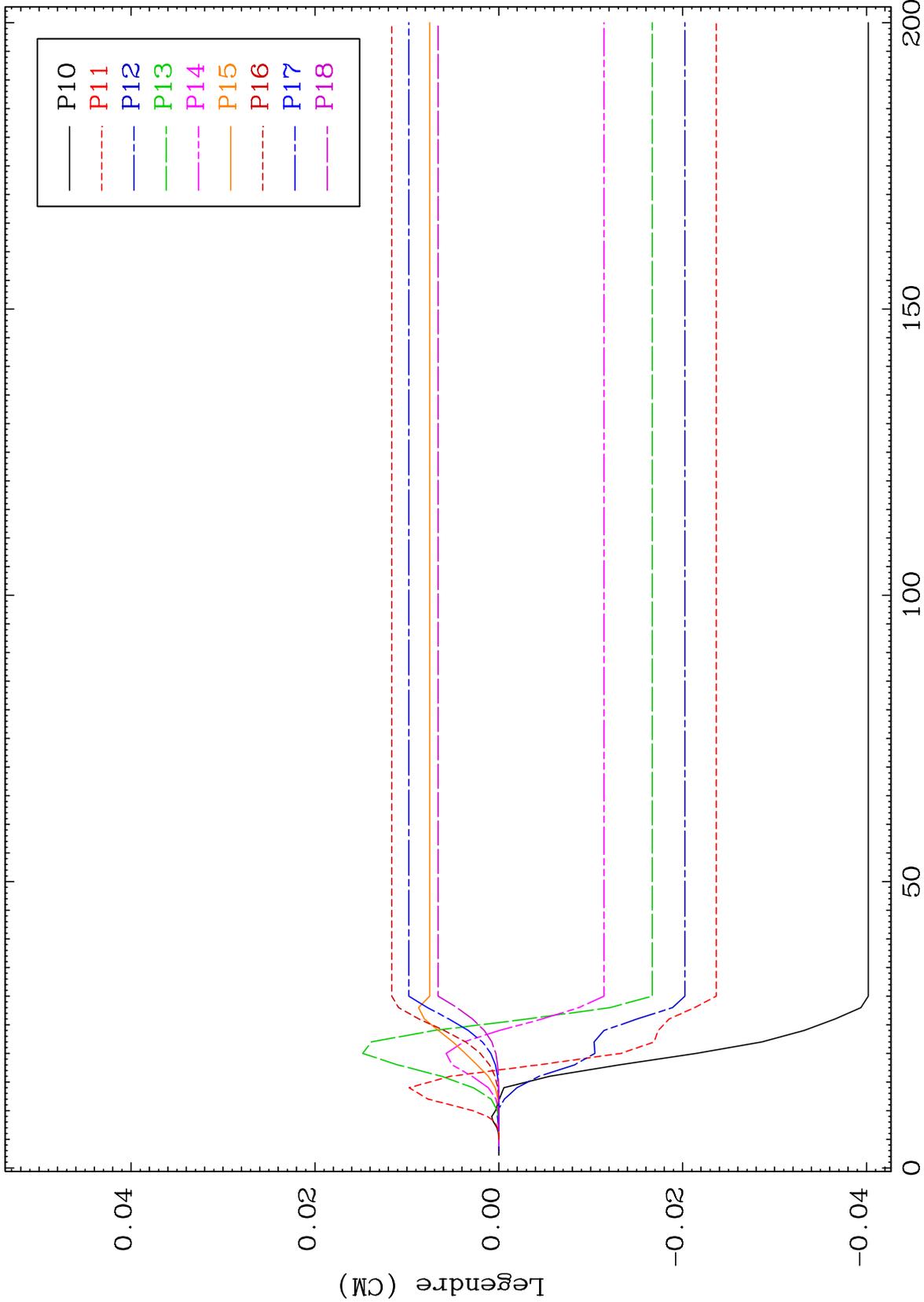
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



54

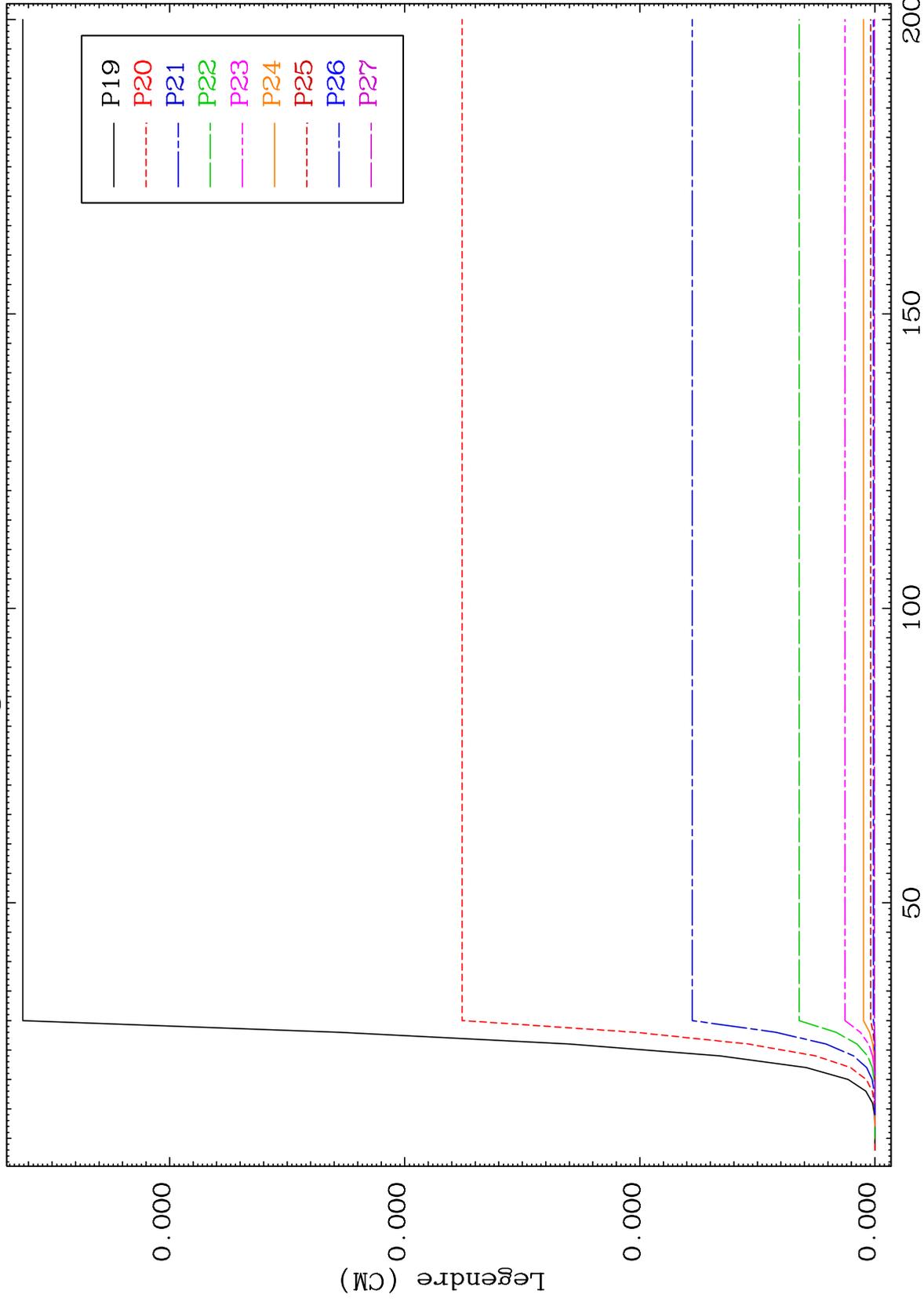
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



55

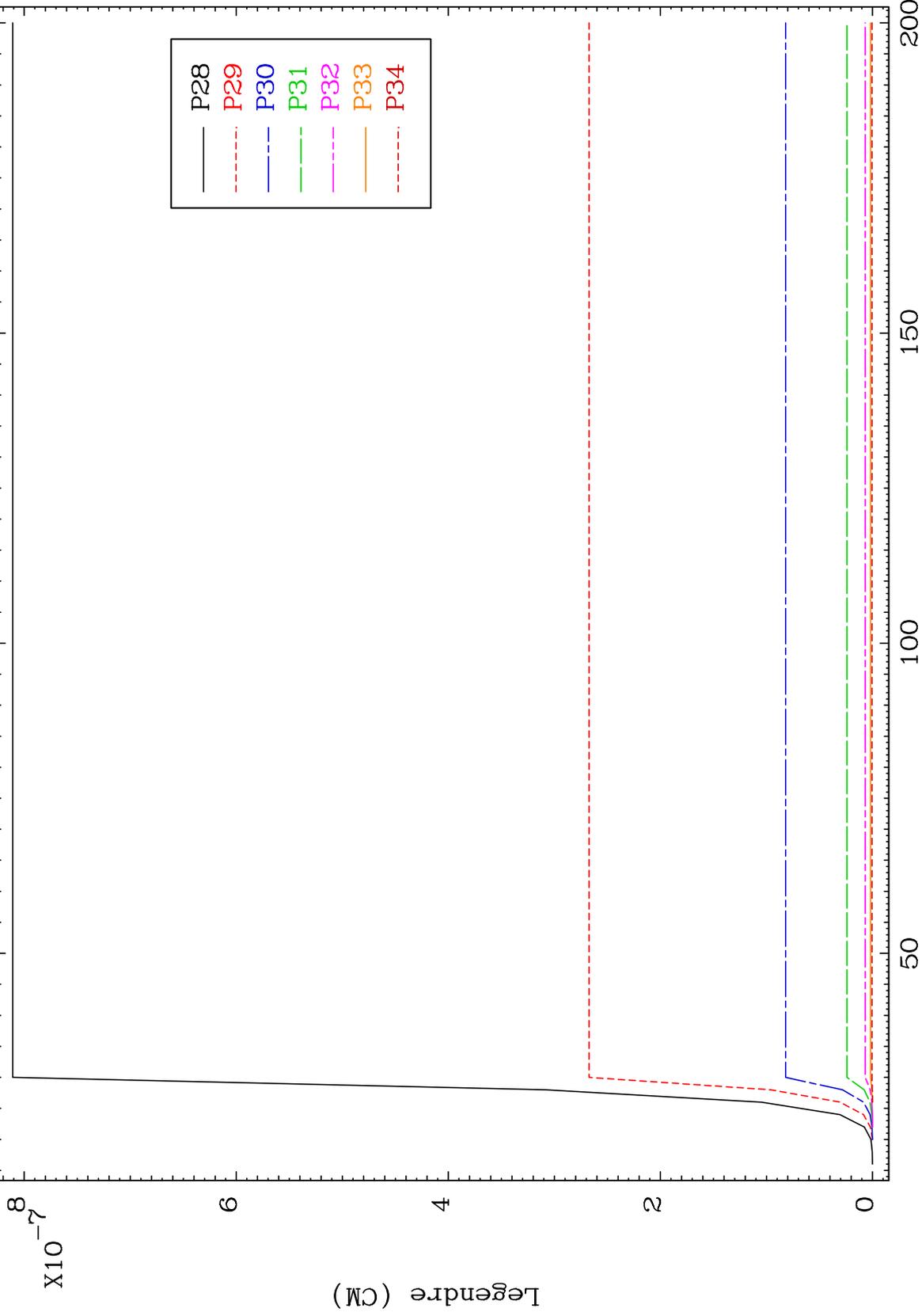
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



56

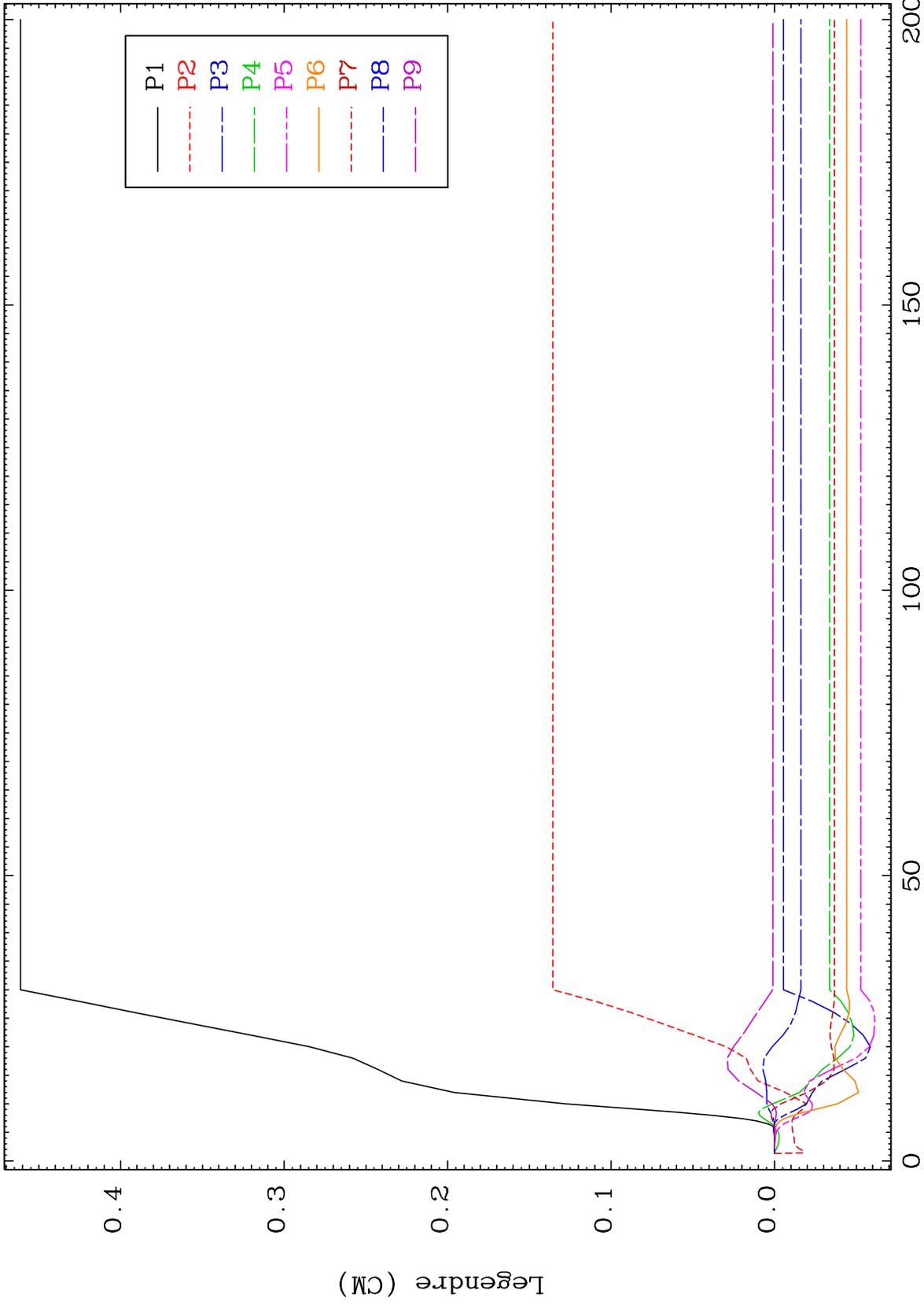
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



57

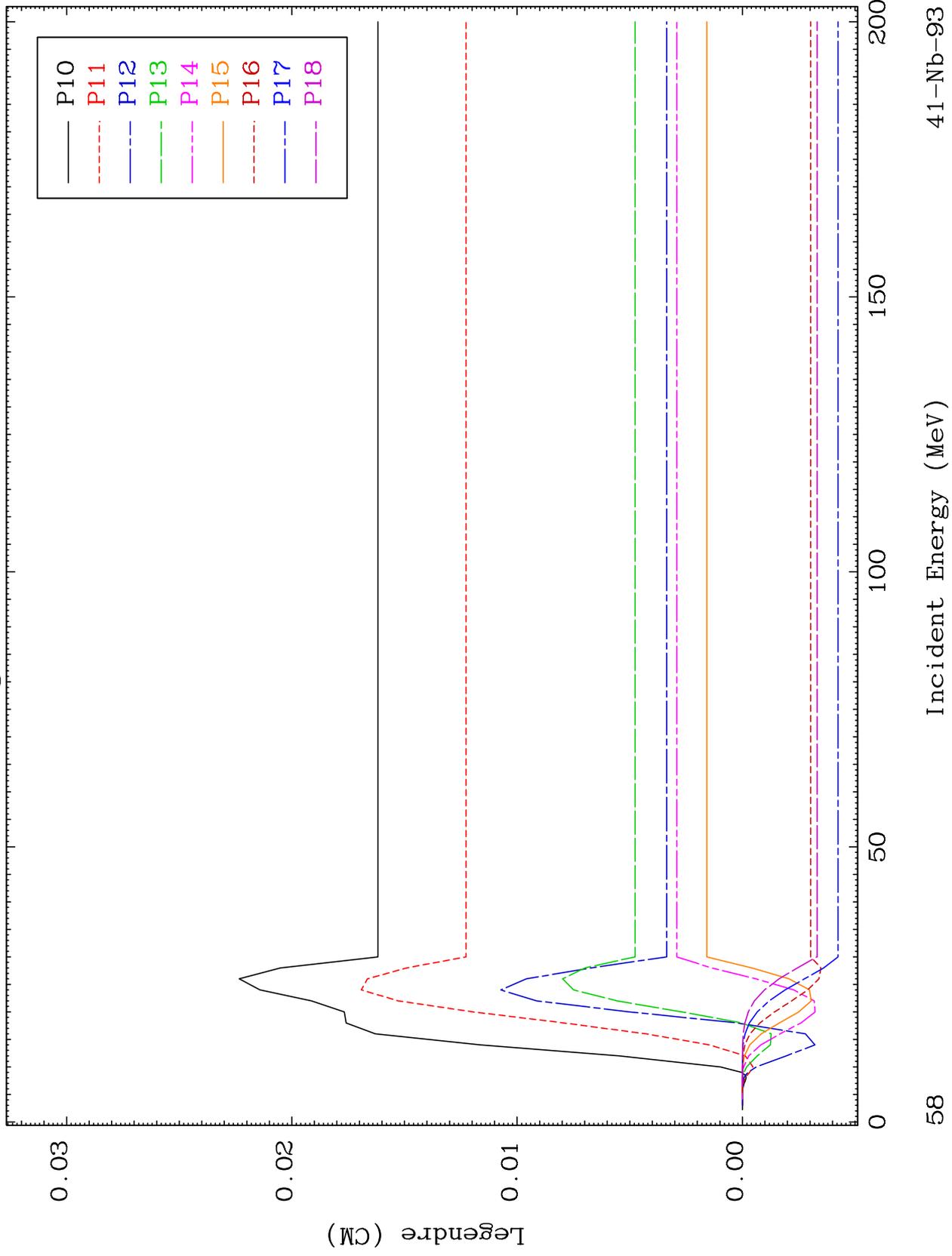
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

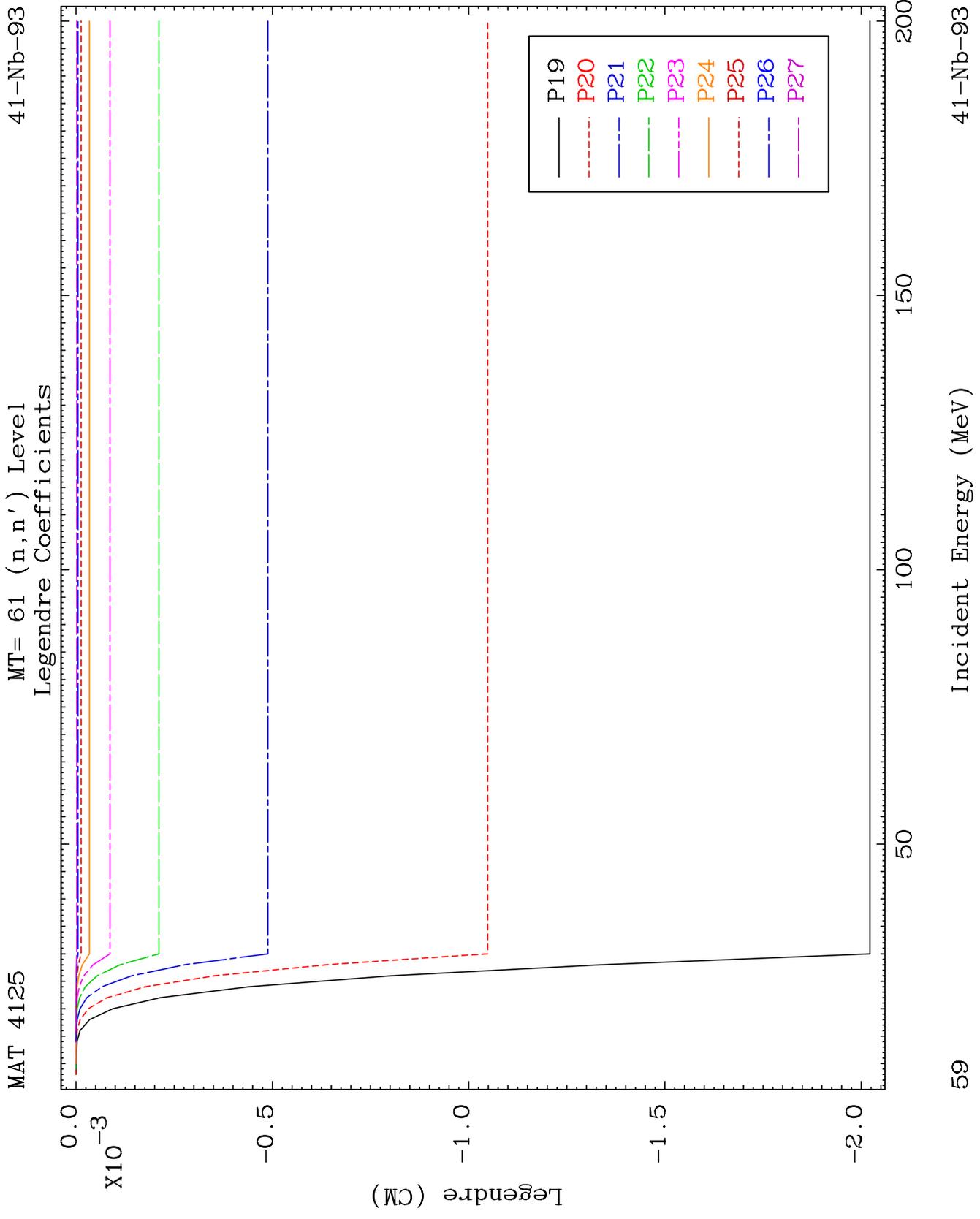
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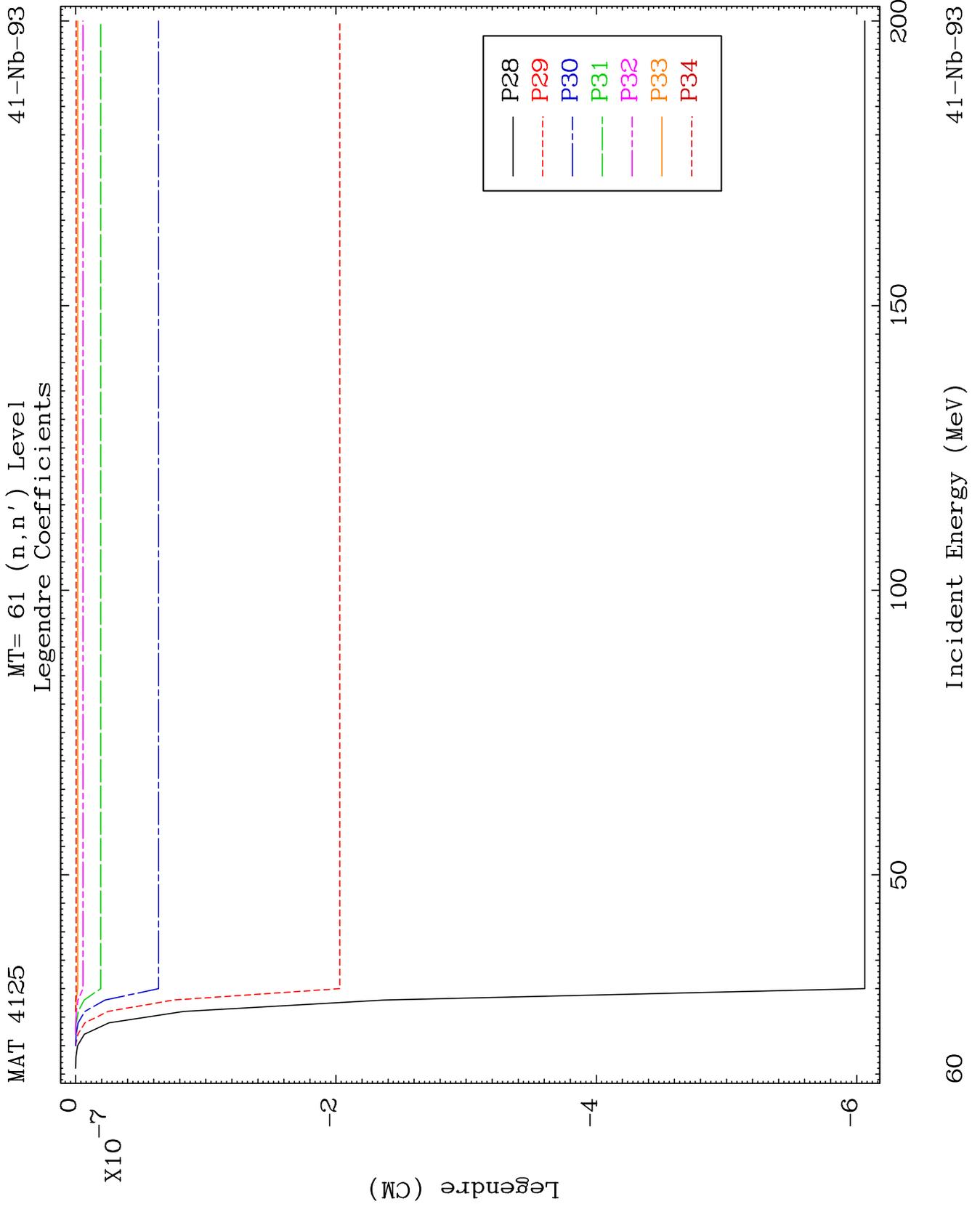


41-Nb-93

Incident Energy (MeV)

58

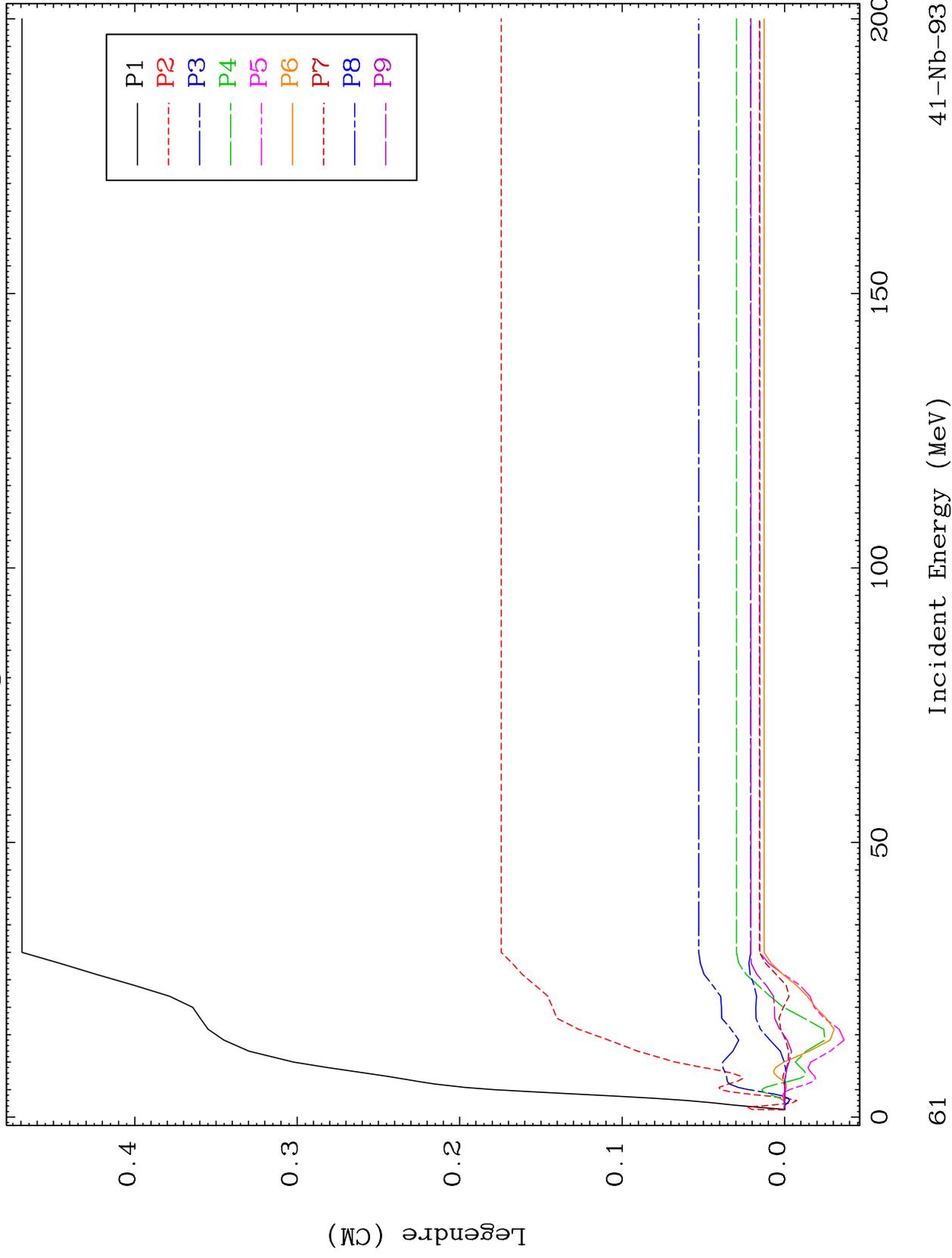




MAT 4125

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

41-Nb-93



61

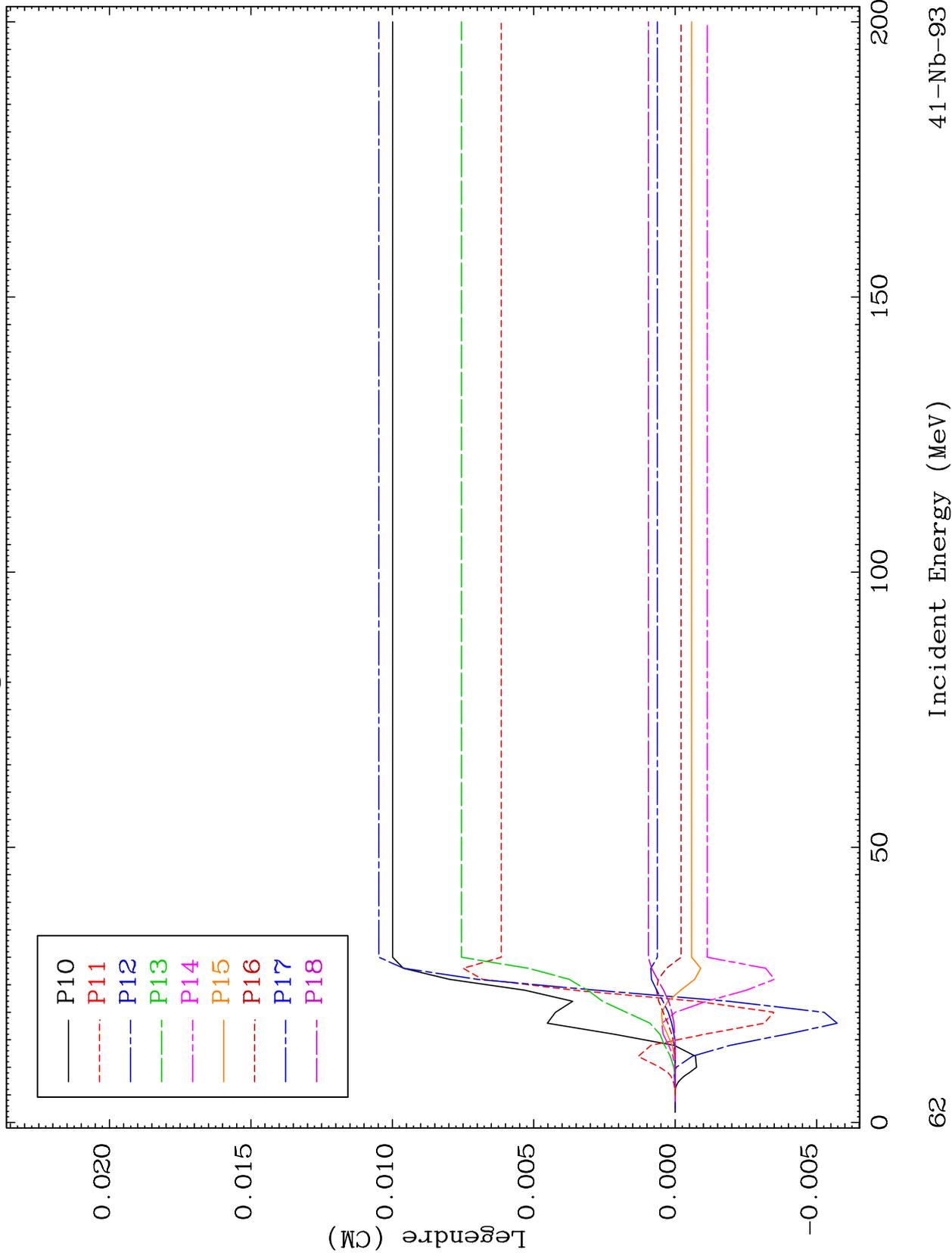
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

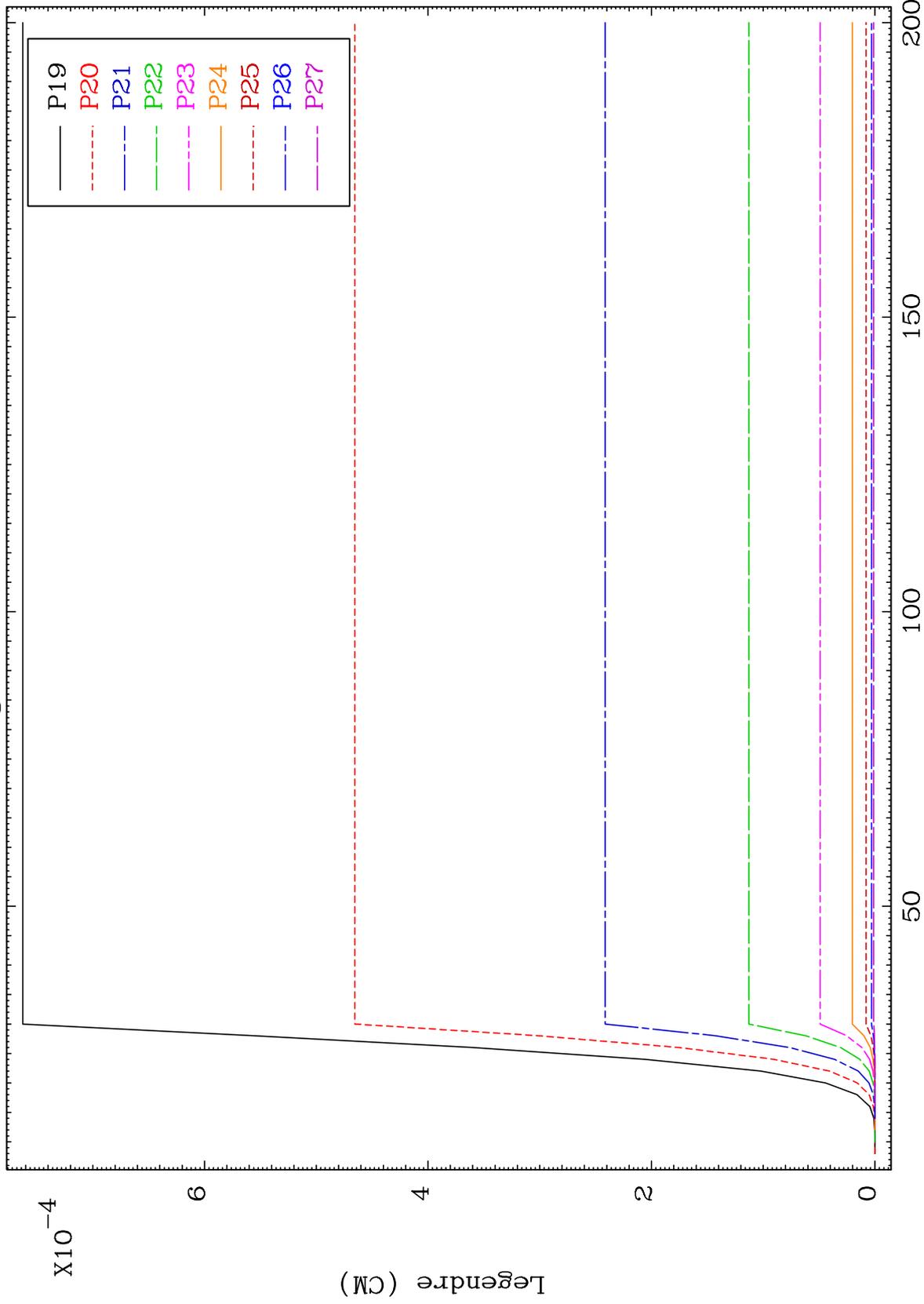
41-Nb-93



MAT 4125

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

41-Nb-93



63

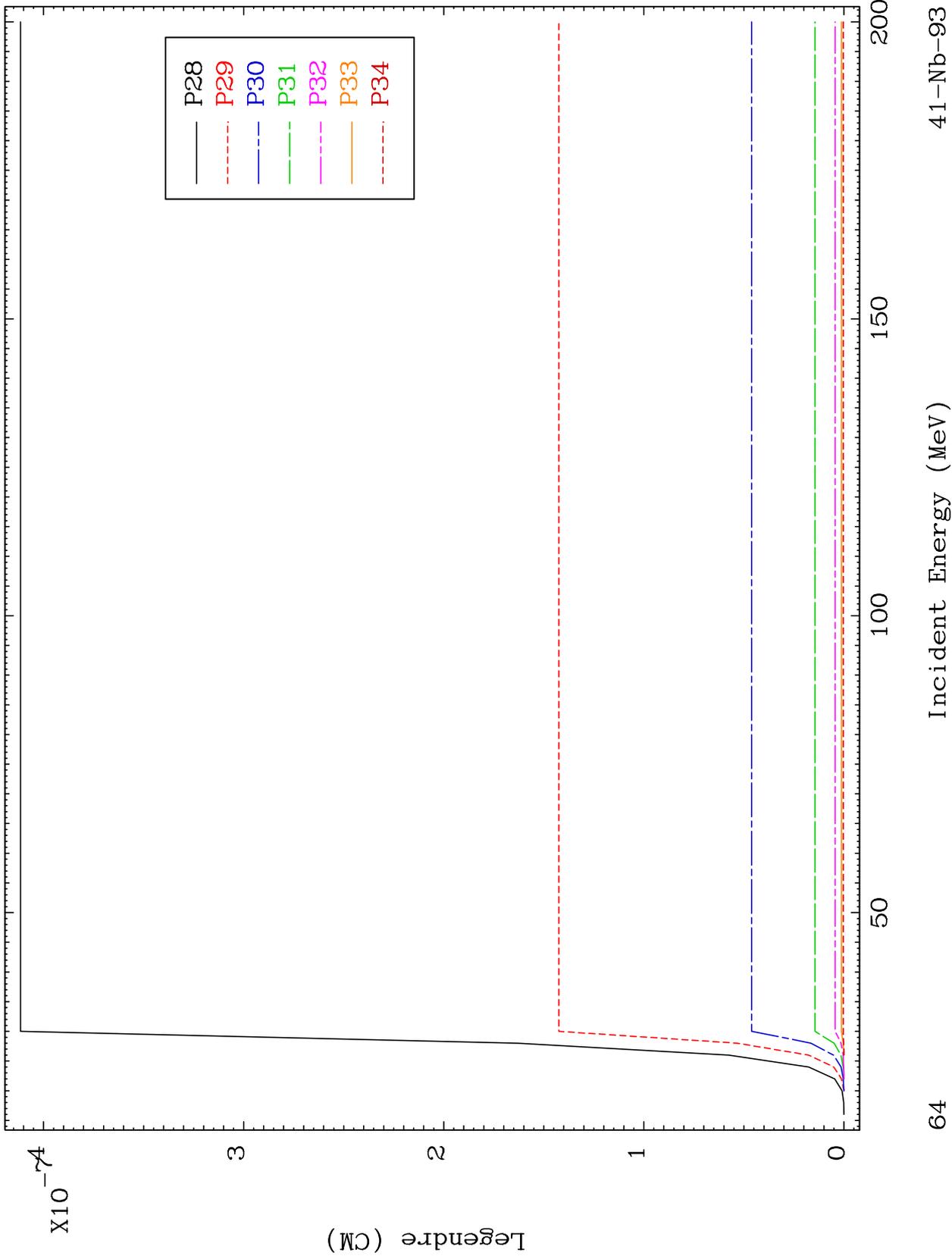
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

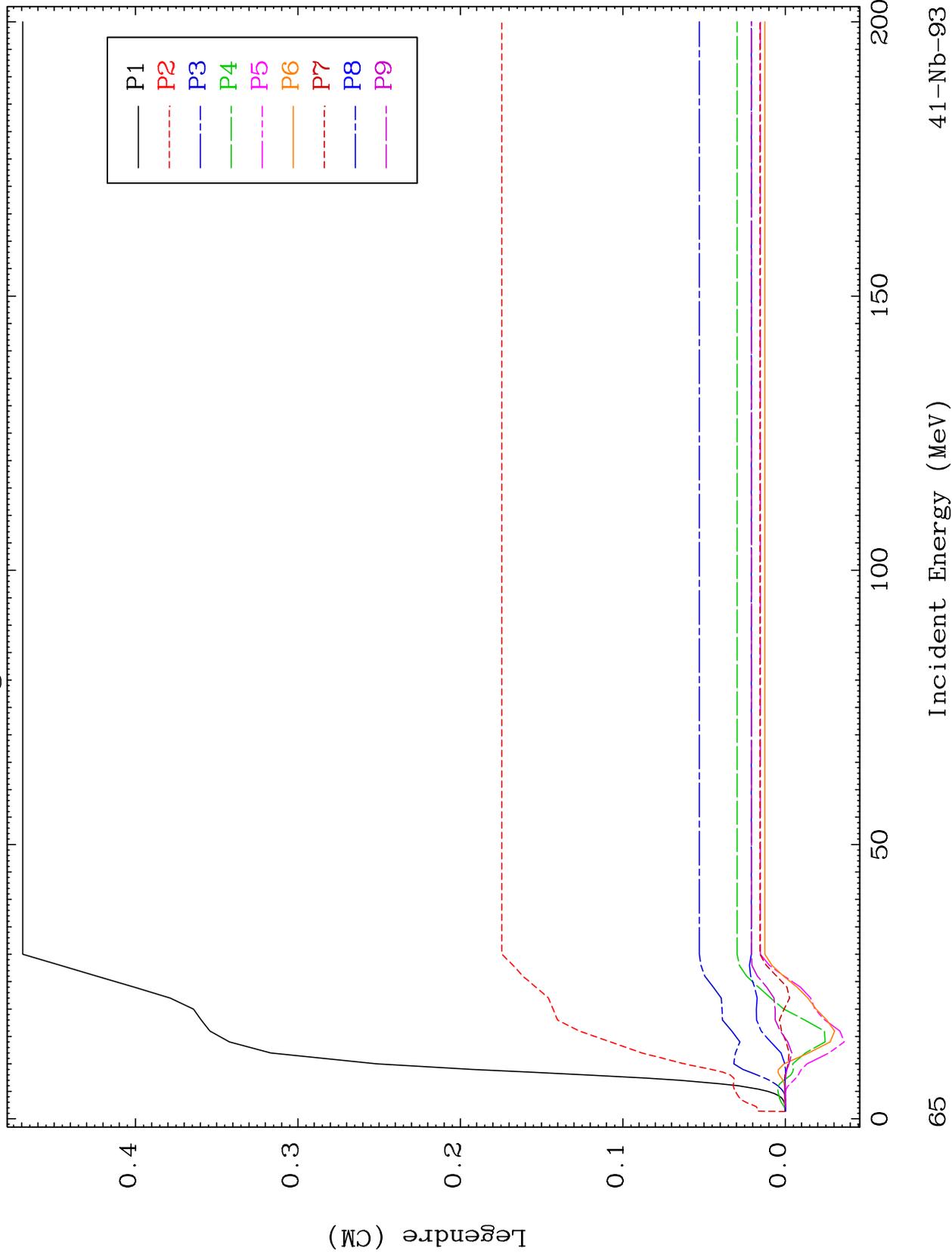
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

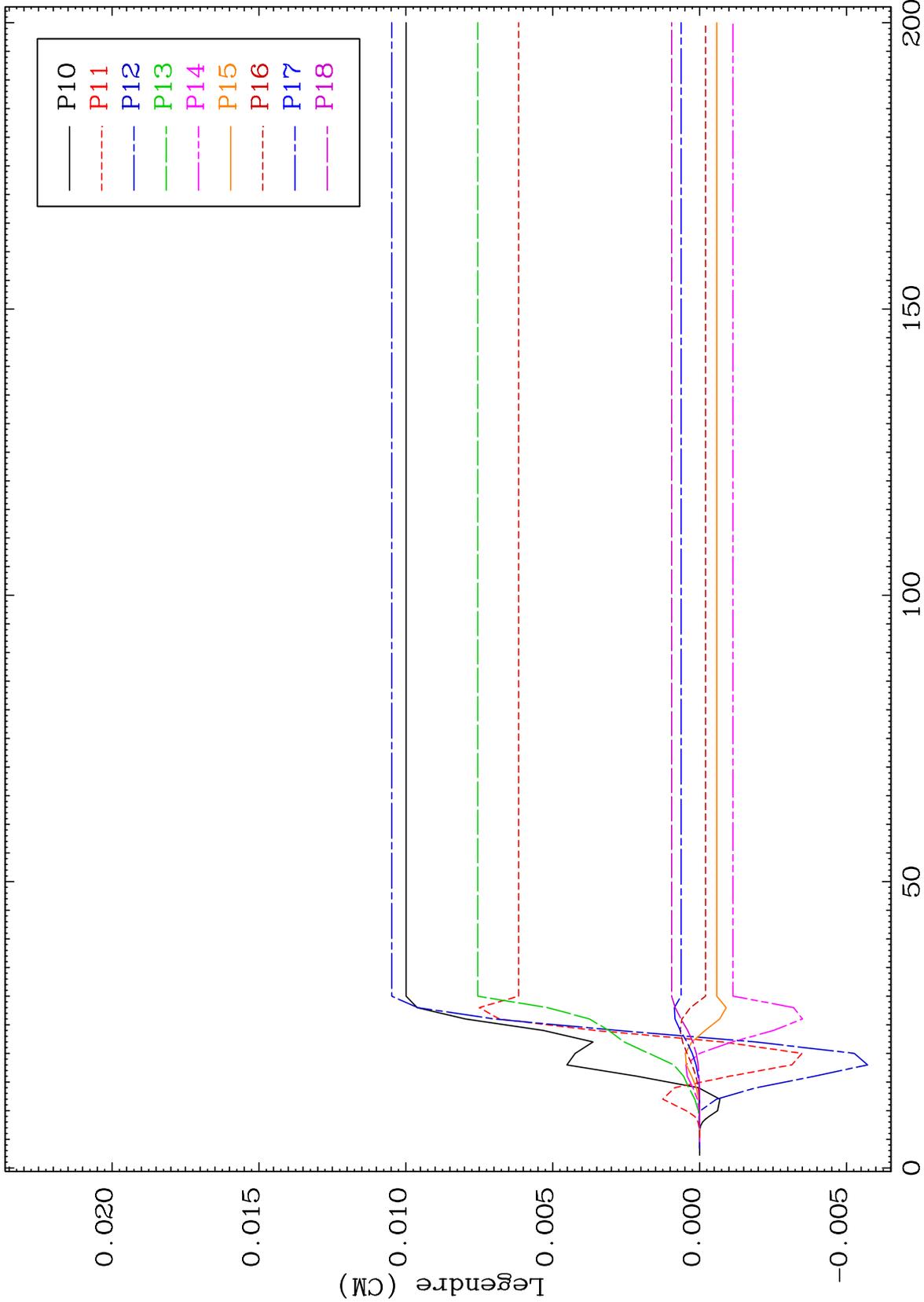
Incident Energy (MeV)

65

MAT 4125

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

41-Nb-93



66

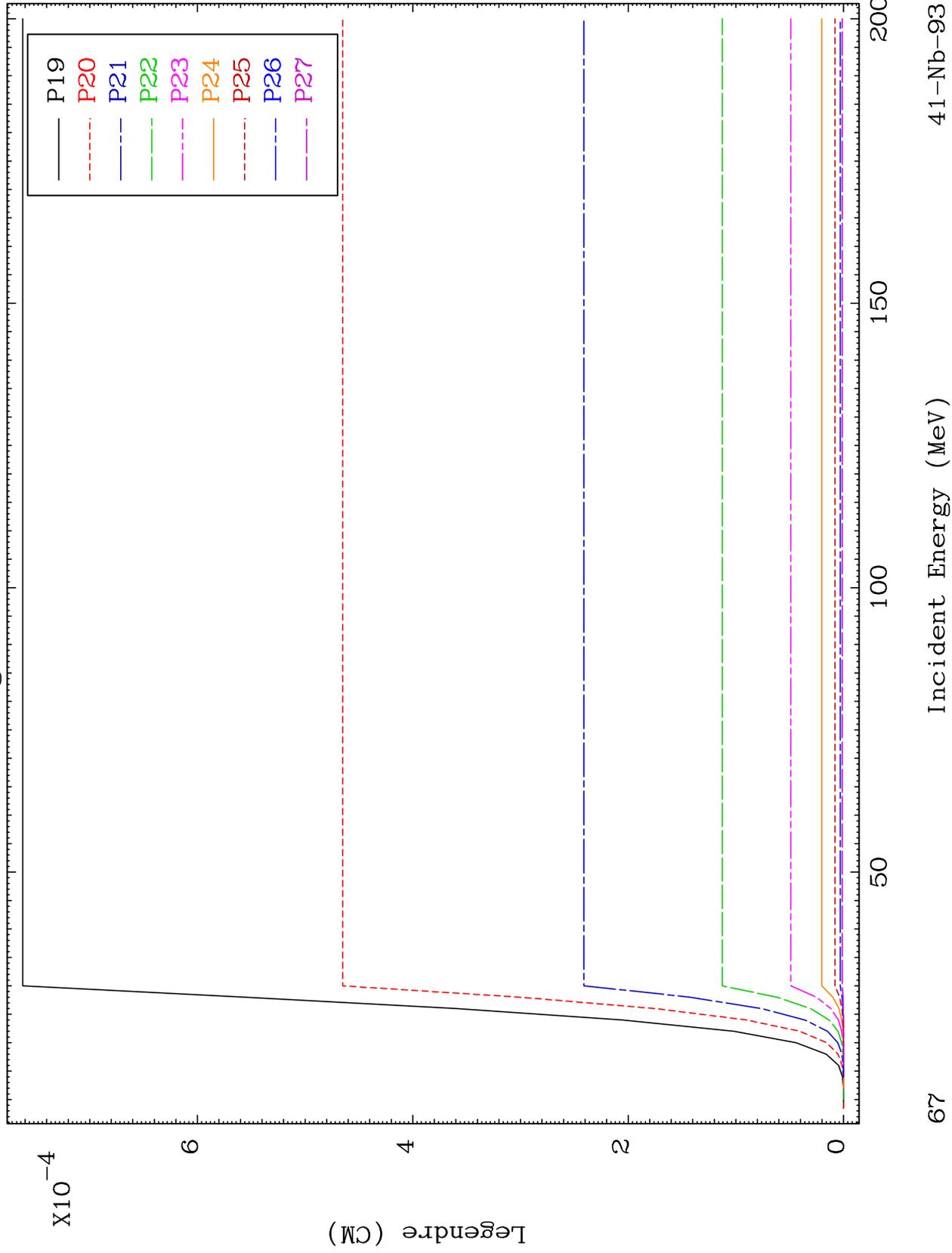
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

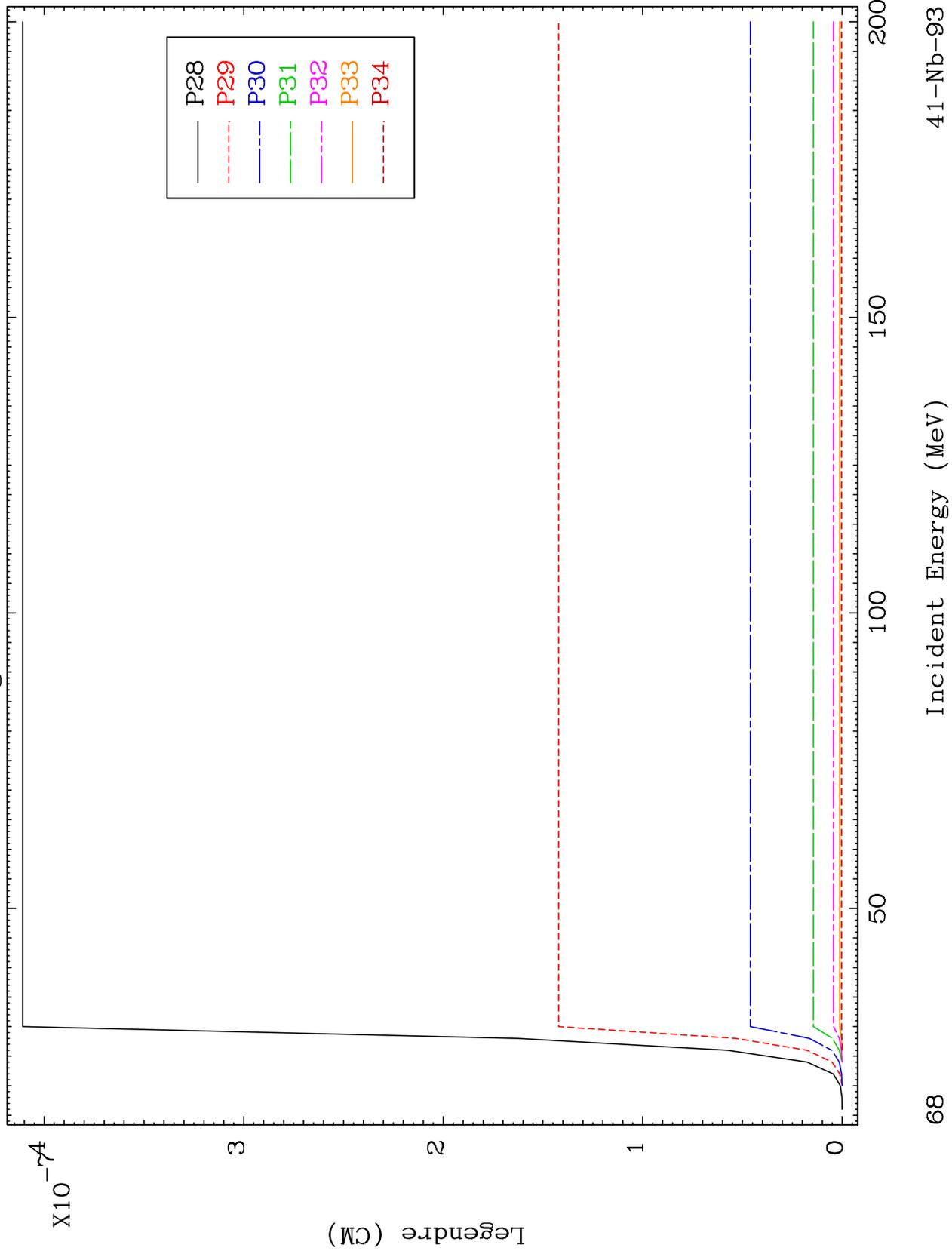
41-Nb-93



MAT 4125

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

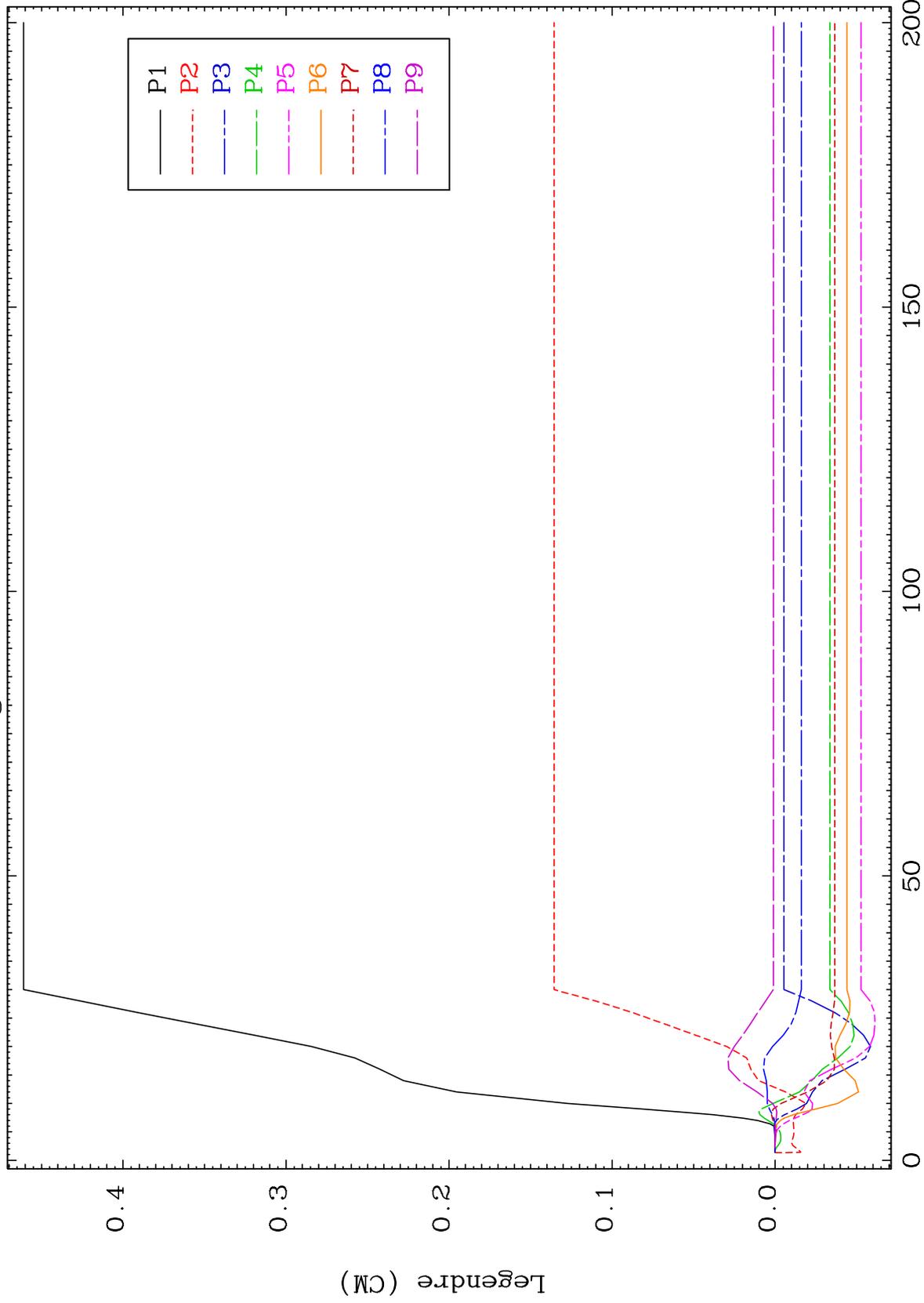
41-Nb-93



MAT 4125

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

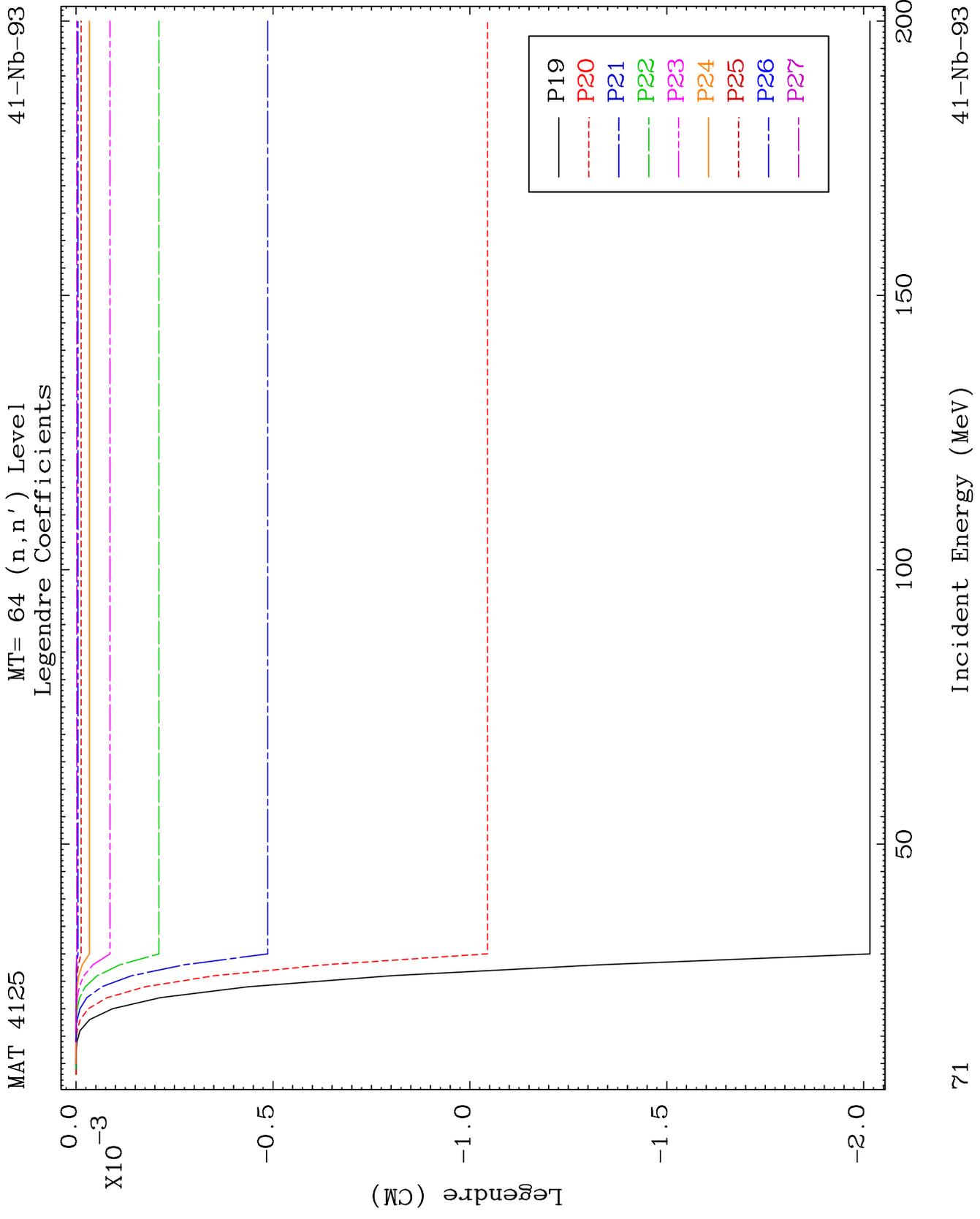
41-Nb-93



69

Incident Energy (MeV)

41-Nb-93

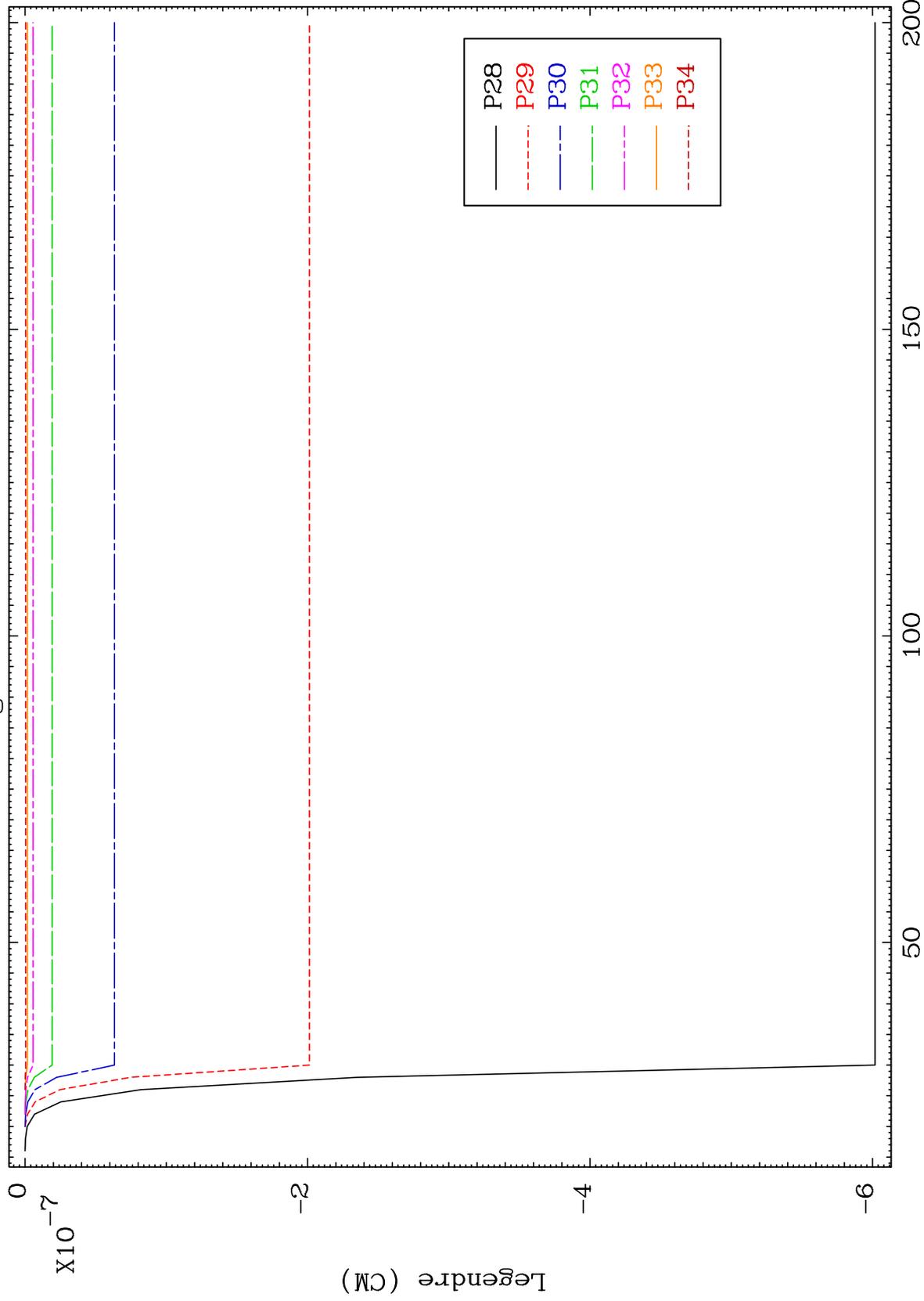


MAT 4125

MT= 64 (n,n') Level

41-Nb-93

Legendre Coefficients



72

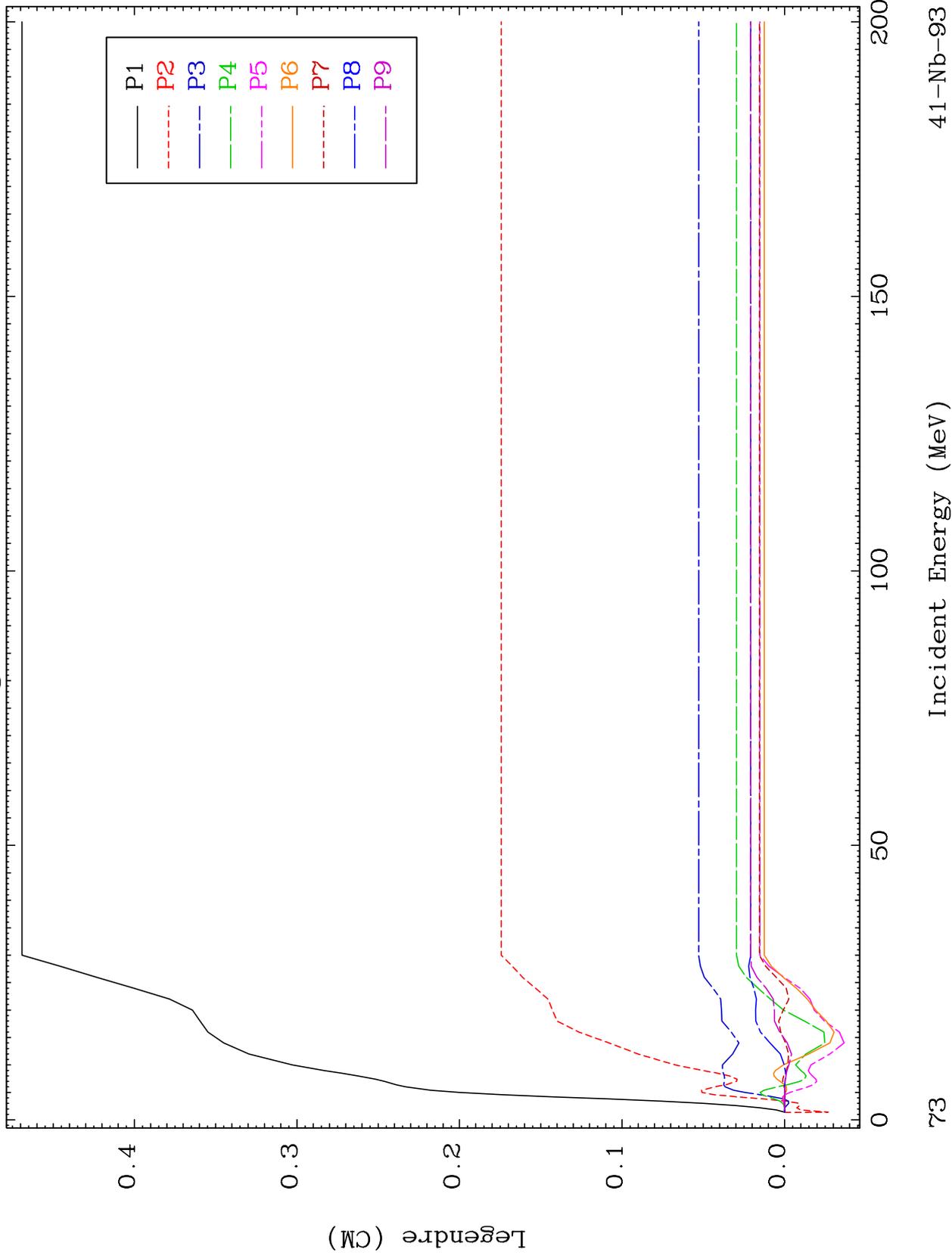
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



73

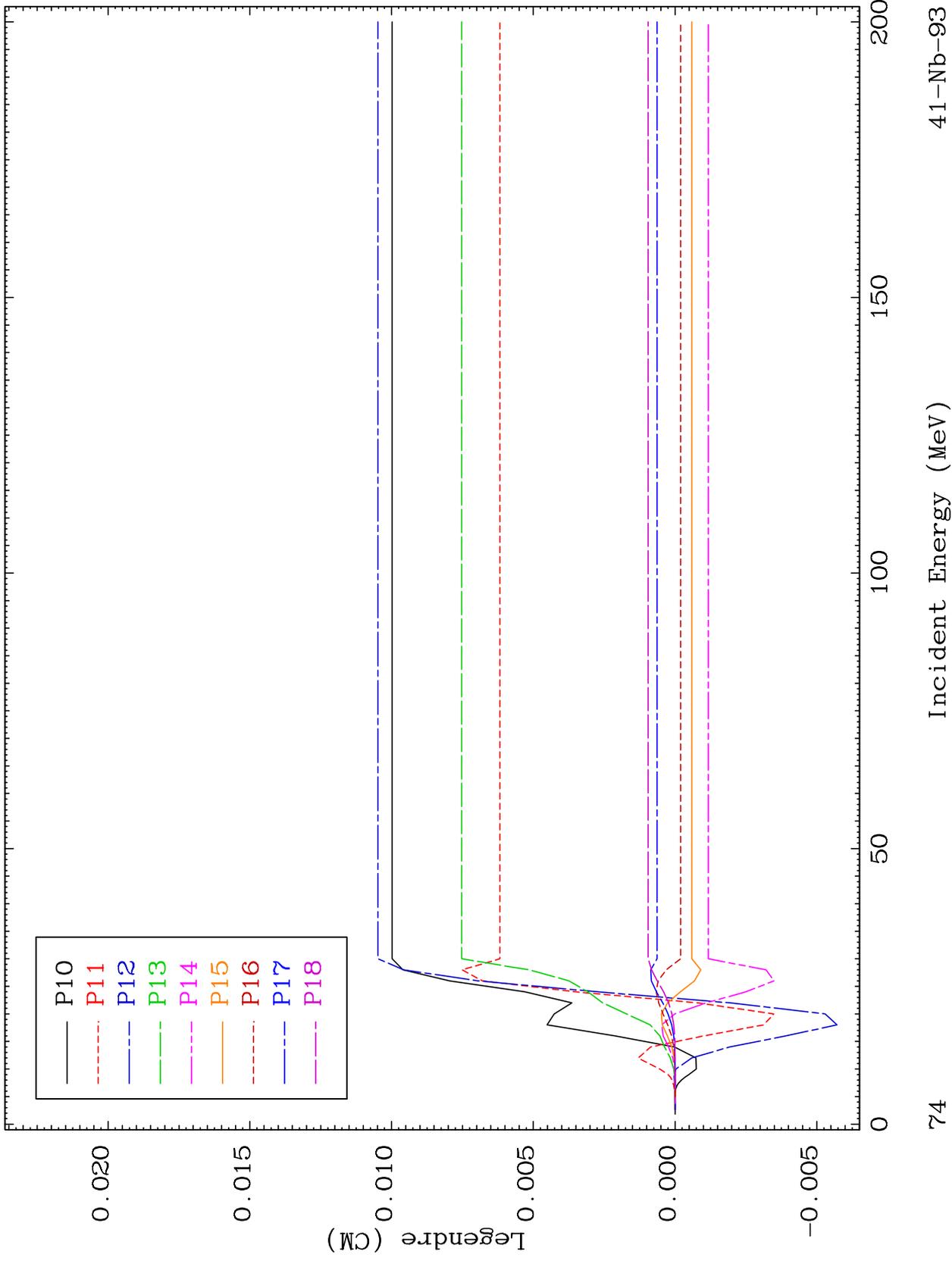
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

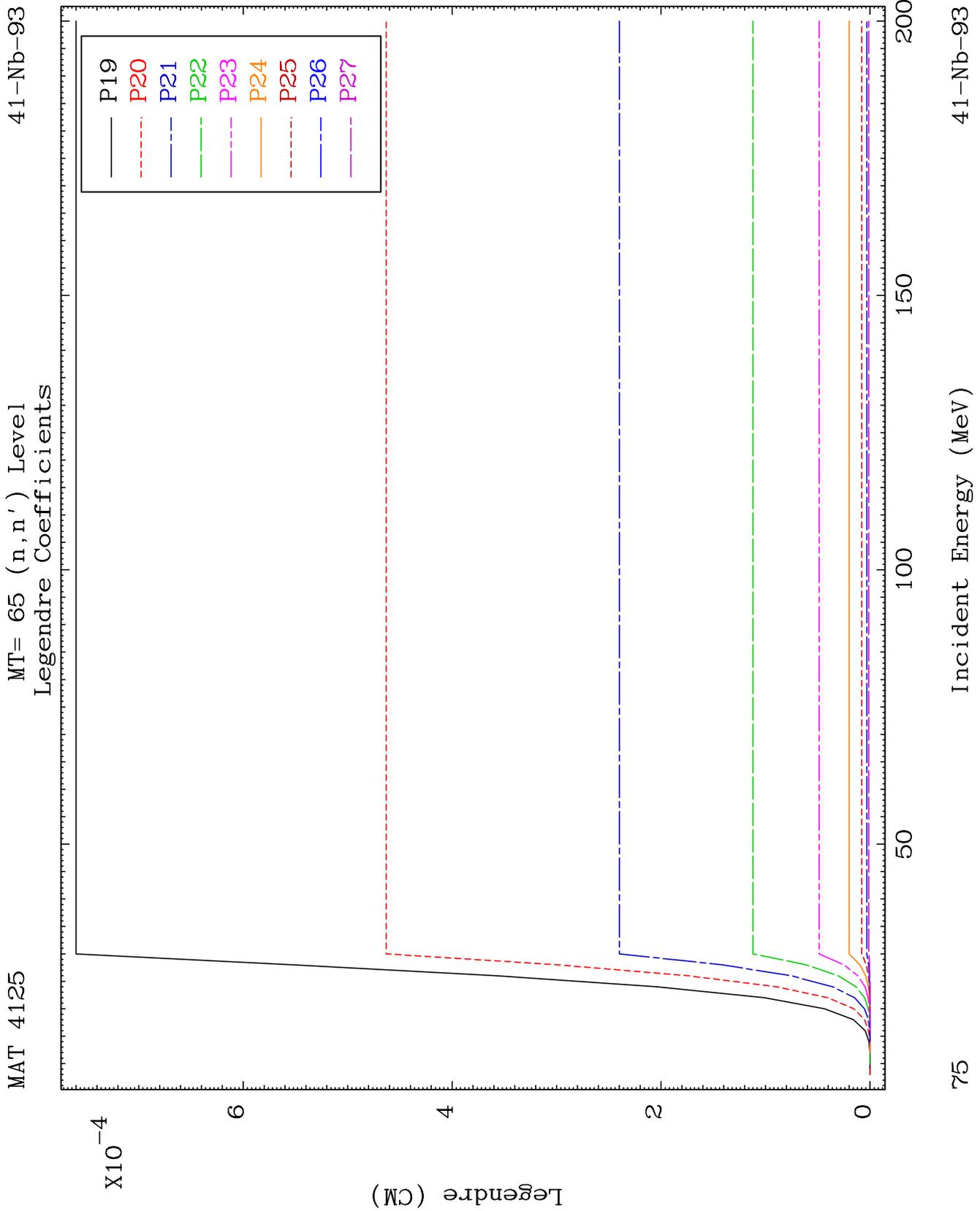
41-Nb-93



74

Incident Energy (MeV)

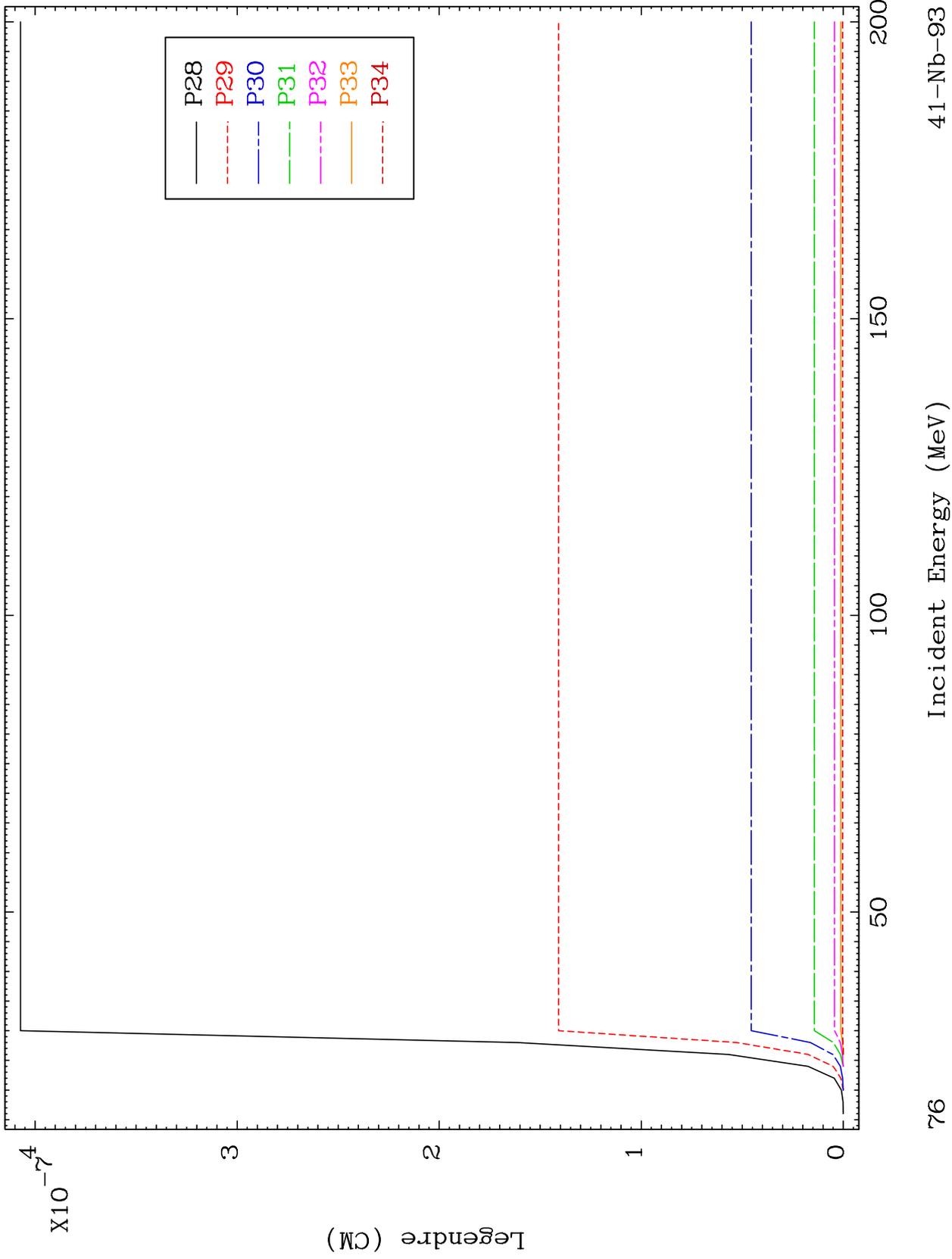
41-Nb-93



MAT 4125

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

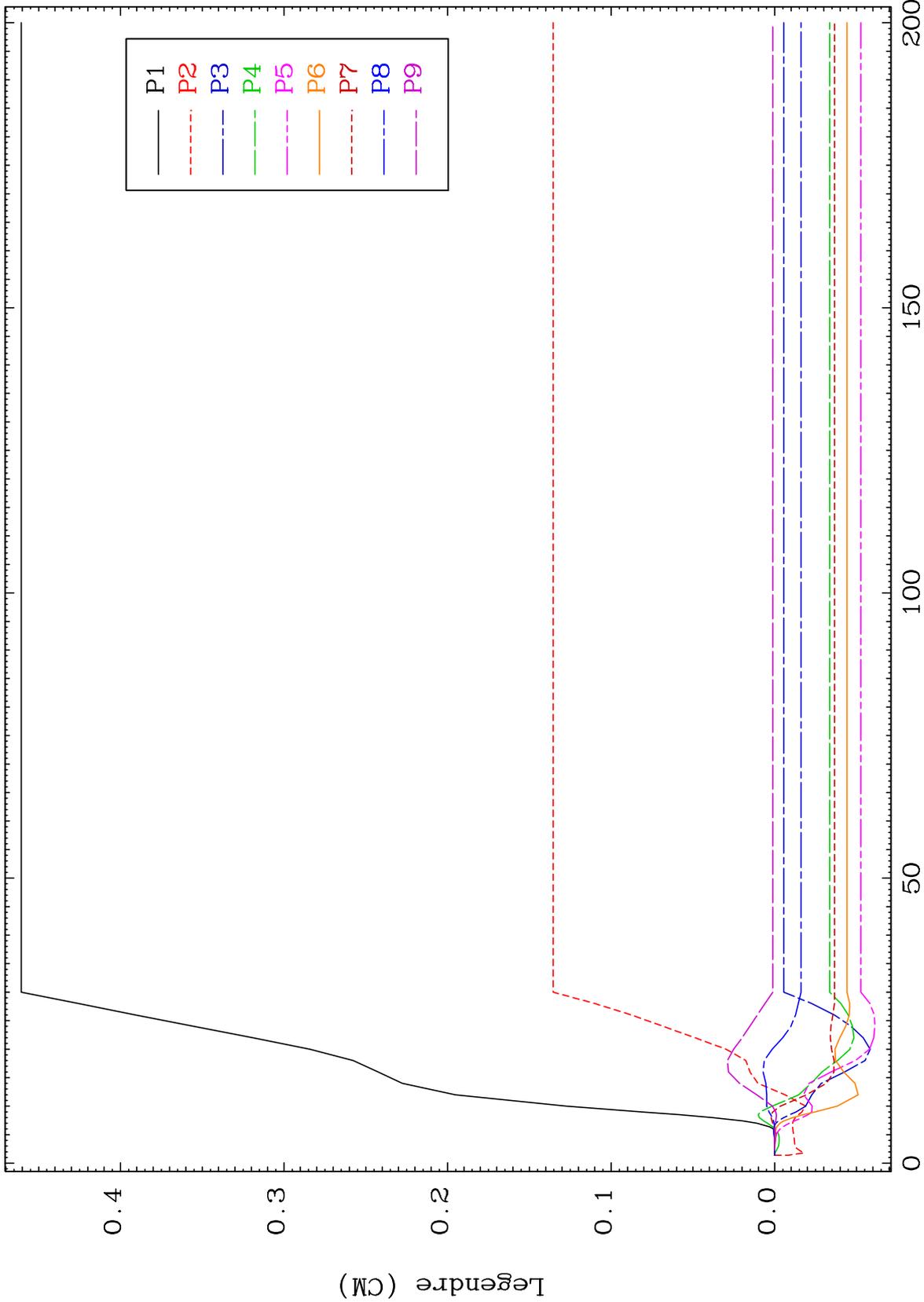
41-Nb-93



MAT 4125

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

41-Nb-93



77

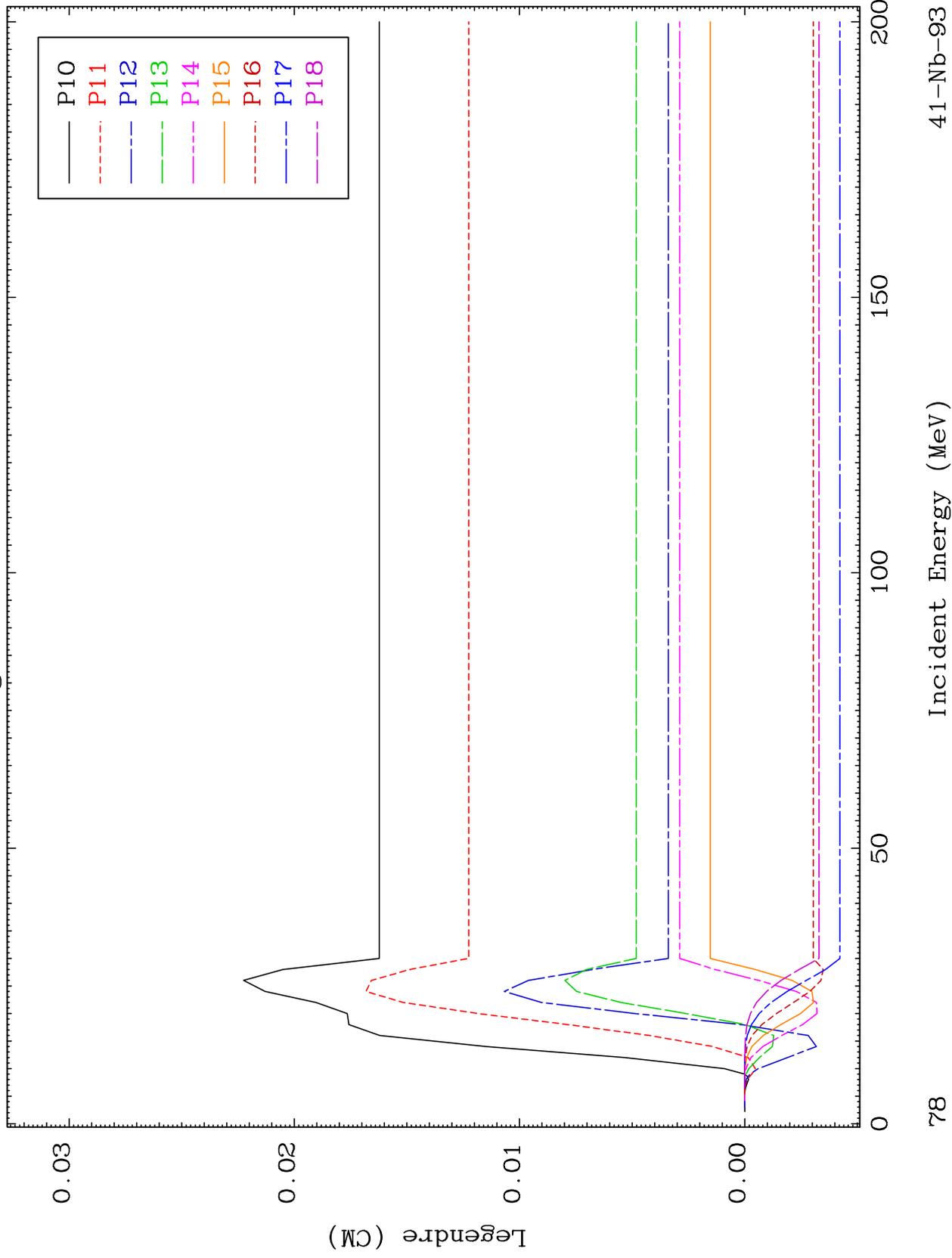
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

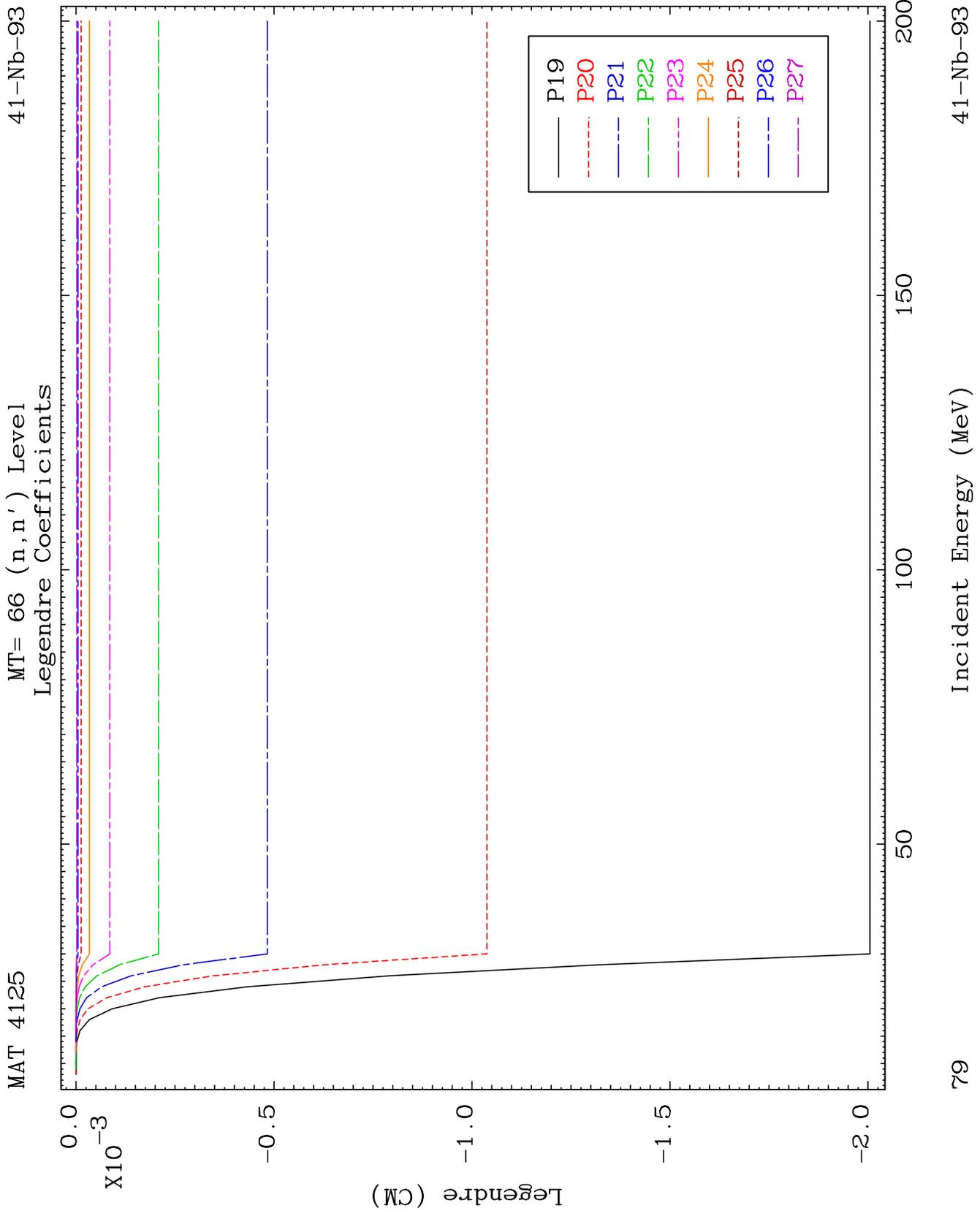
41-Nb-93



78

Incident Energy (MeV)

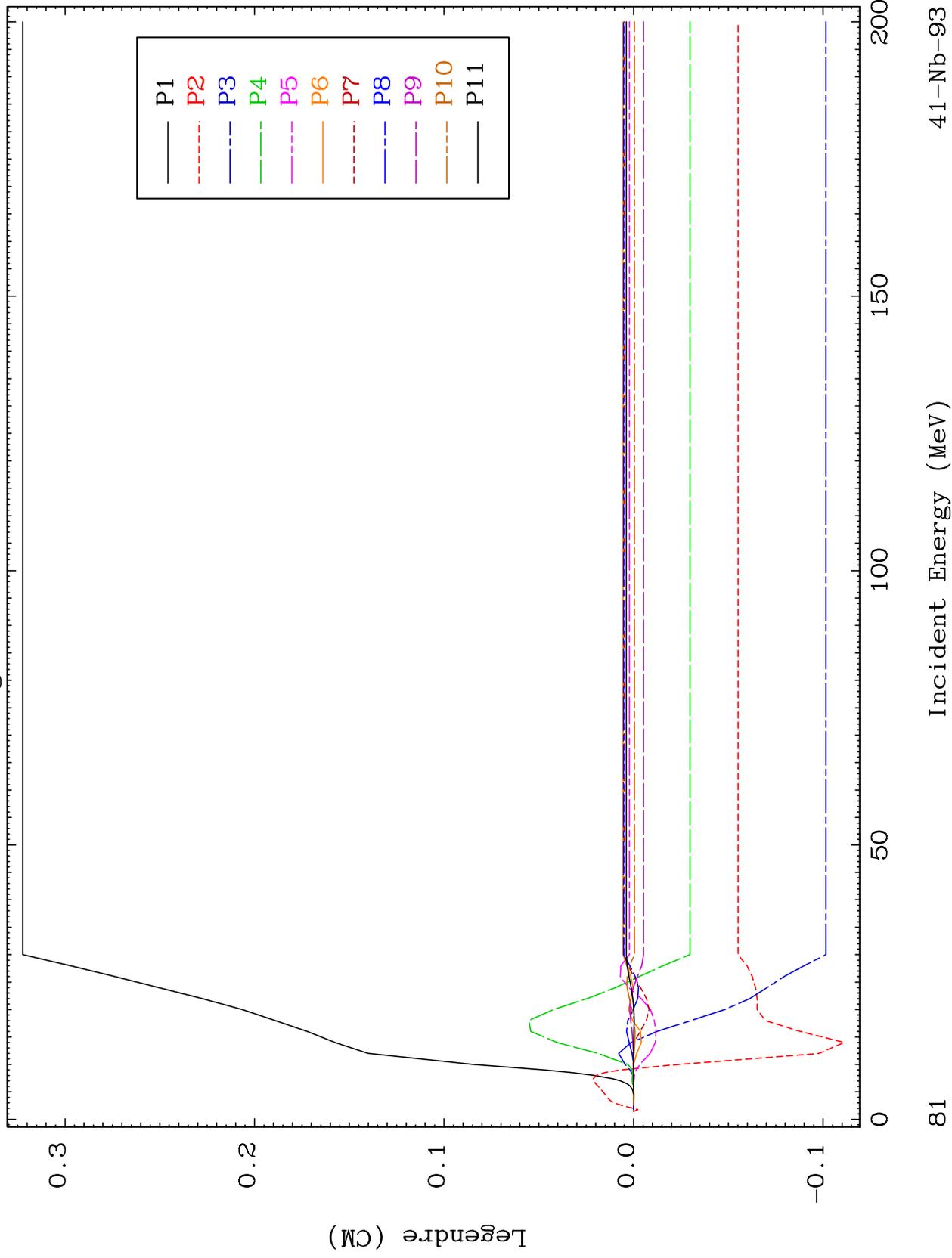
41-Nb-93



MAT 4125

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

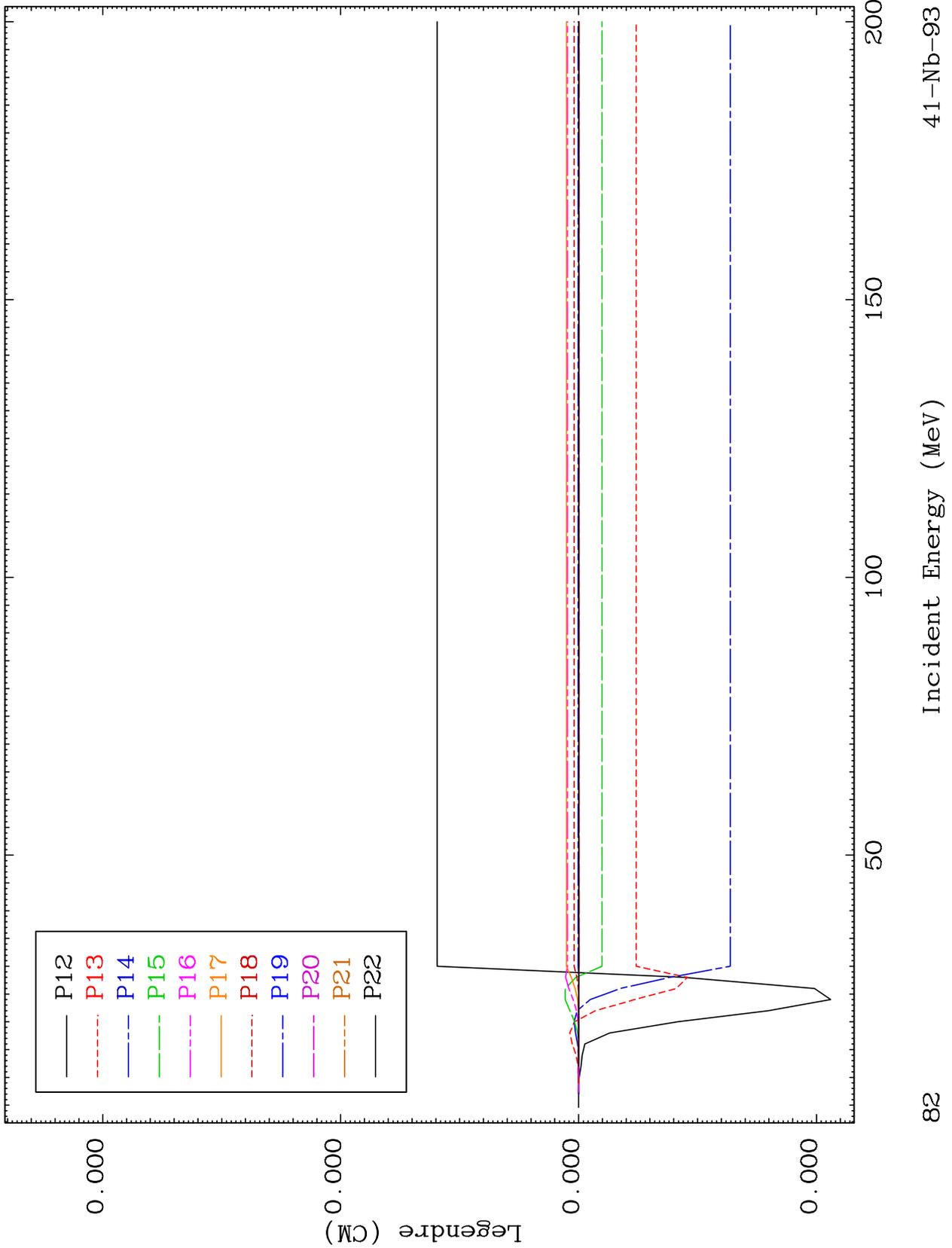
41-Nb-93



41-Nb-93

Incident Energy (MeV)

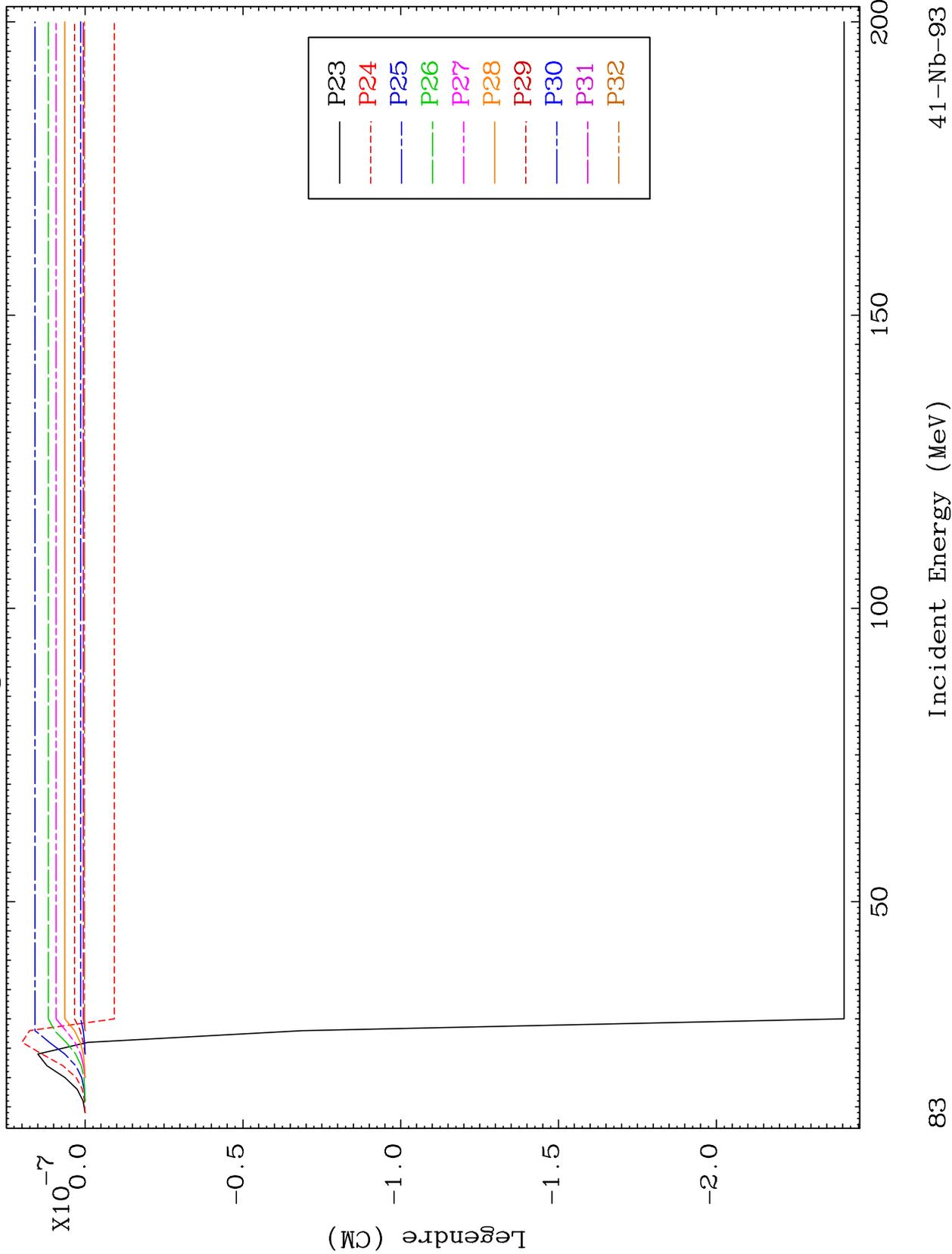
81



MAT 4125

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

41-Nb-93



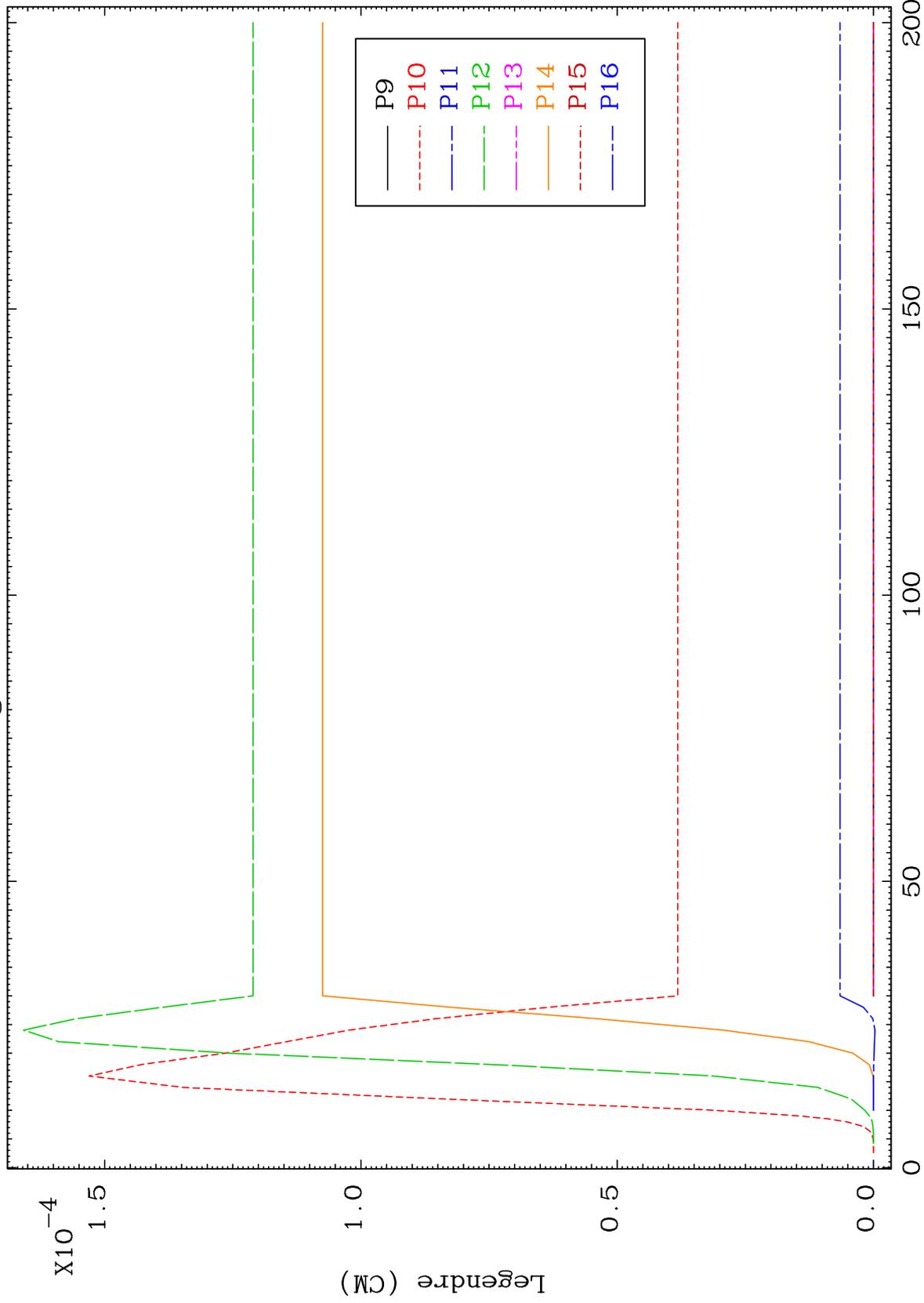
83

41-Nb-93

MAT 4125

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

41-Nb-93



85

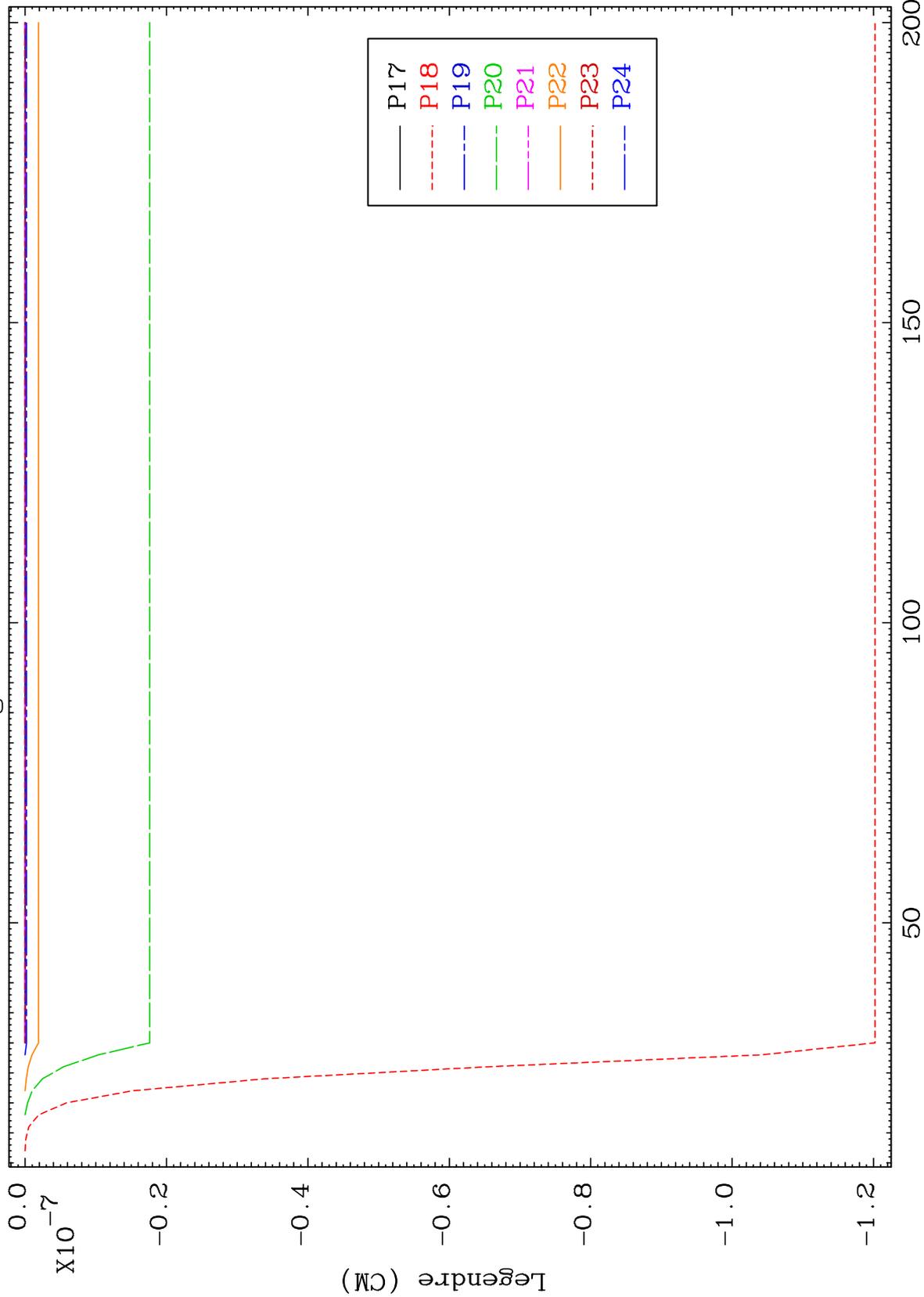
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



86

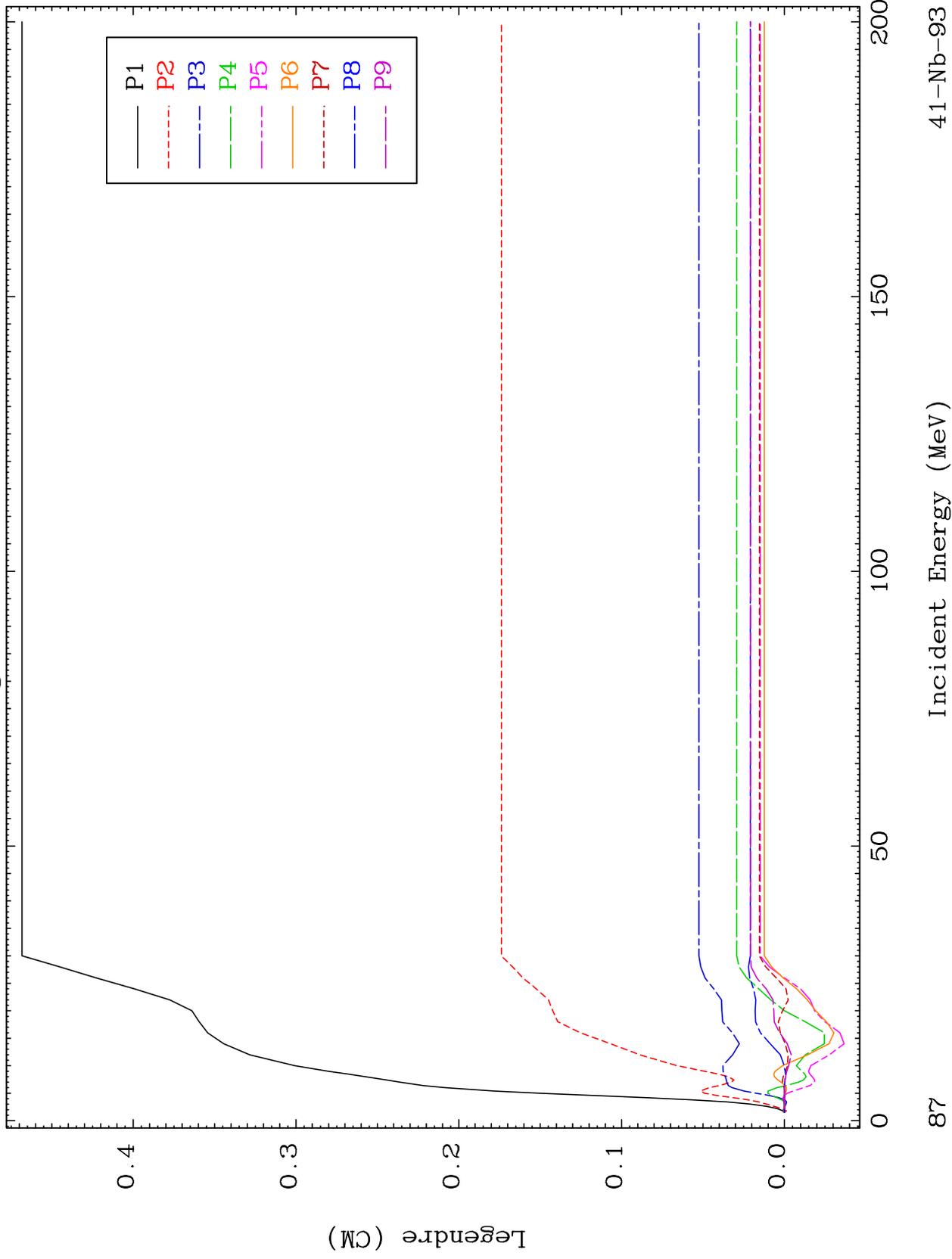
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



41-Nb-93

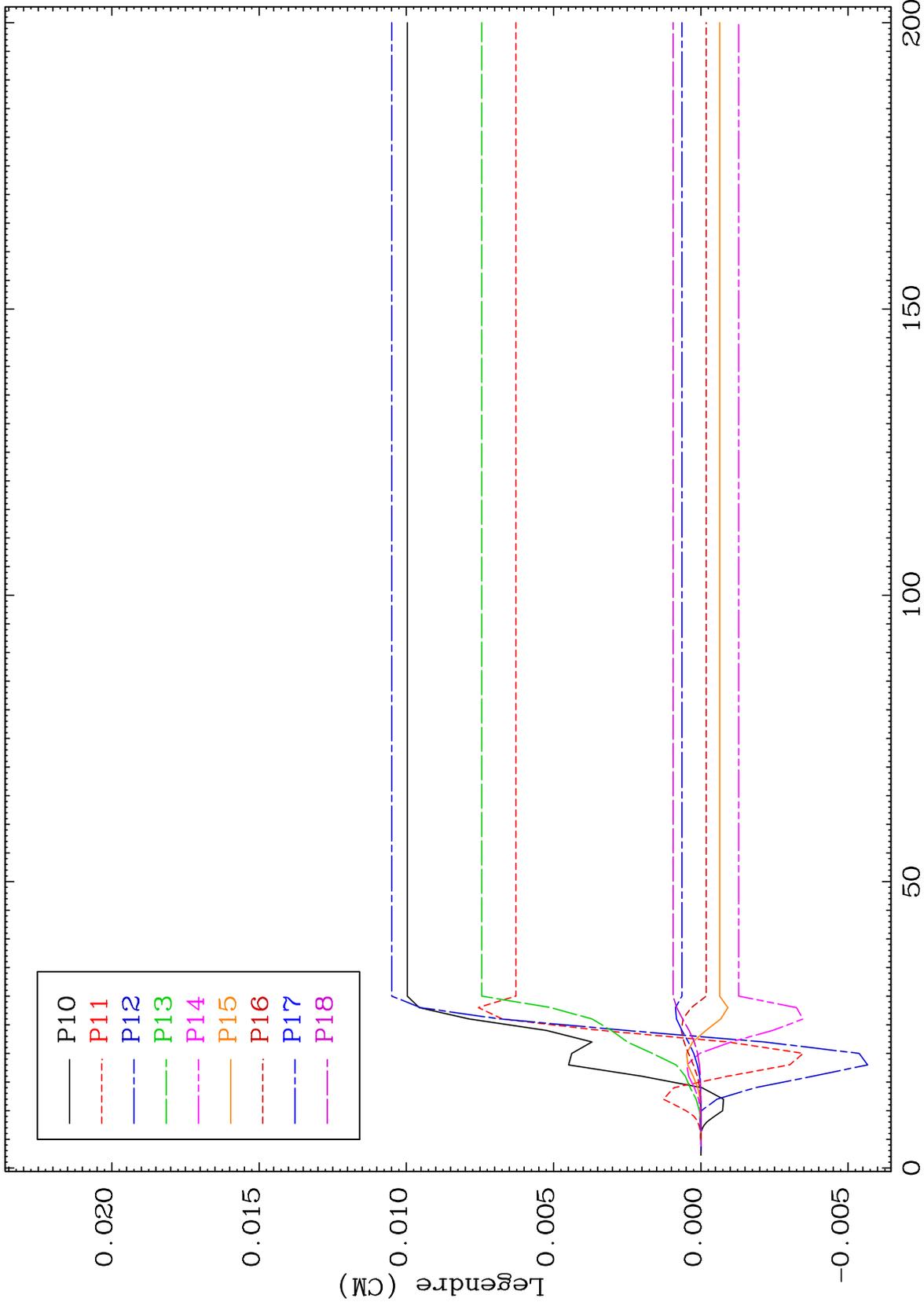
Incident Energy (MeV)

87

MAT 4125

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

41-Nb-93



88

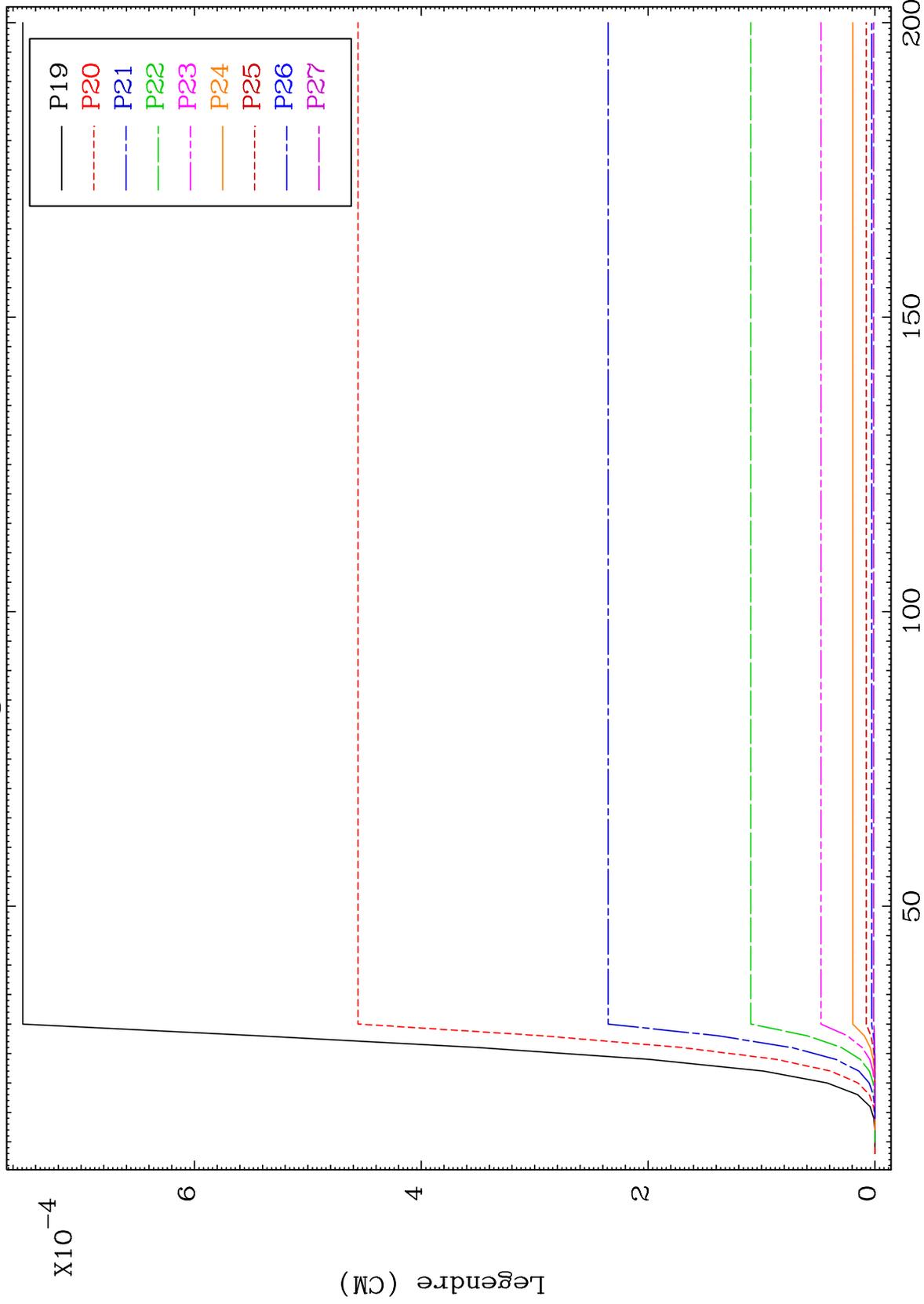
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



89

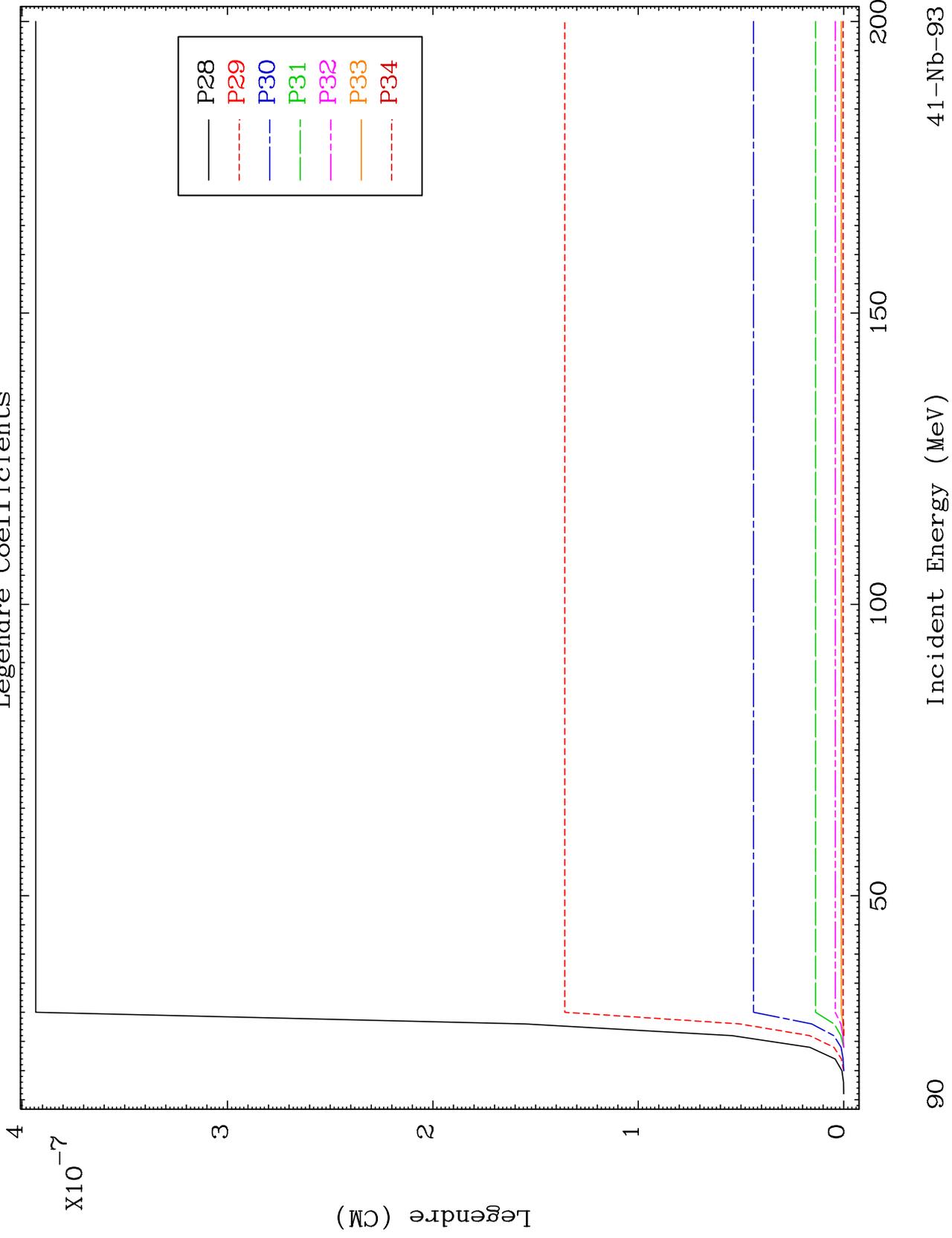
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

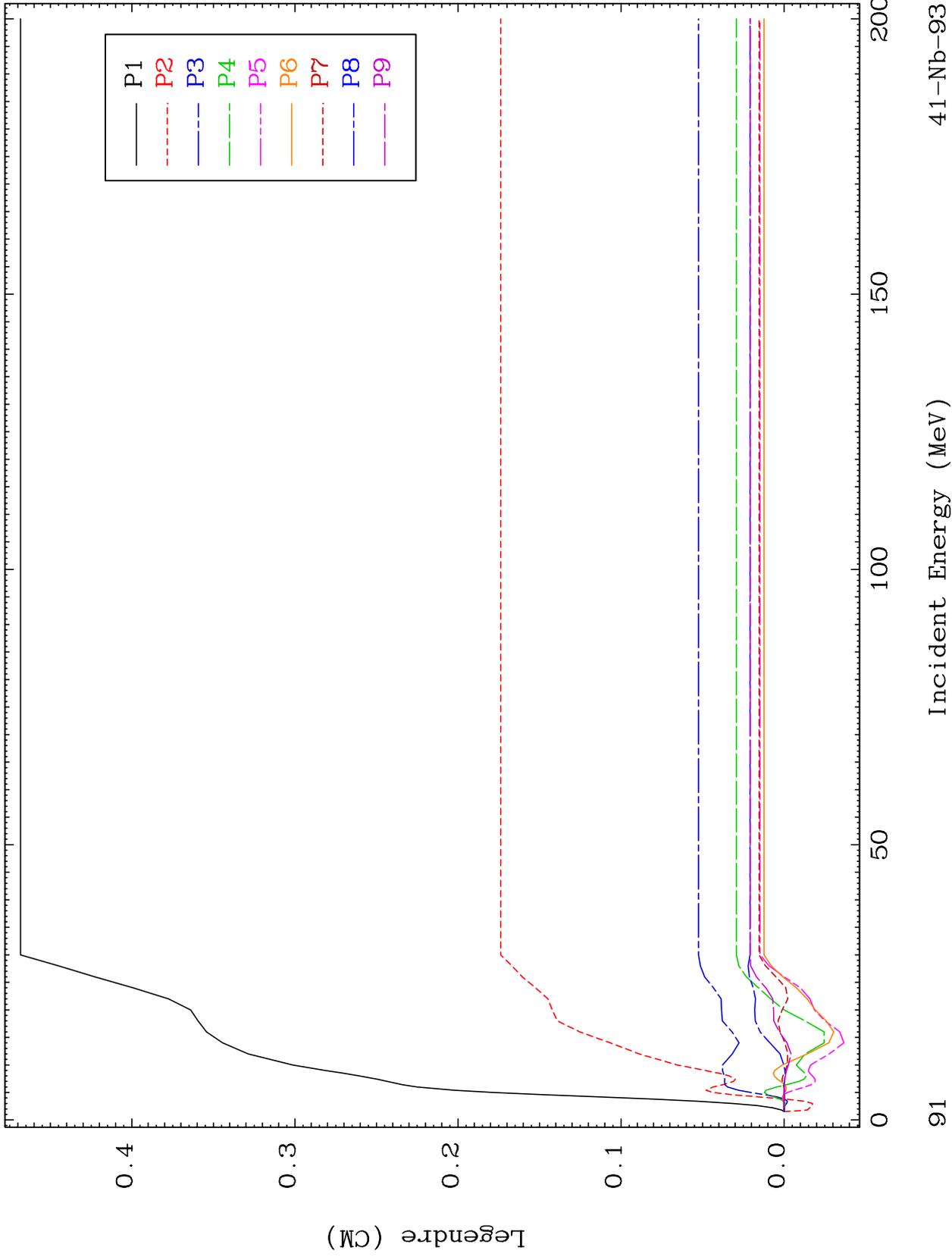
41-Nb-93



MAT 4125

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

41-Nb-93



91

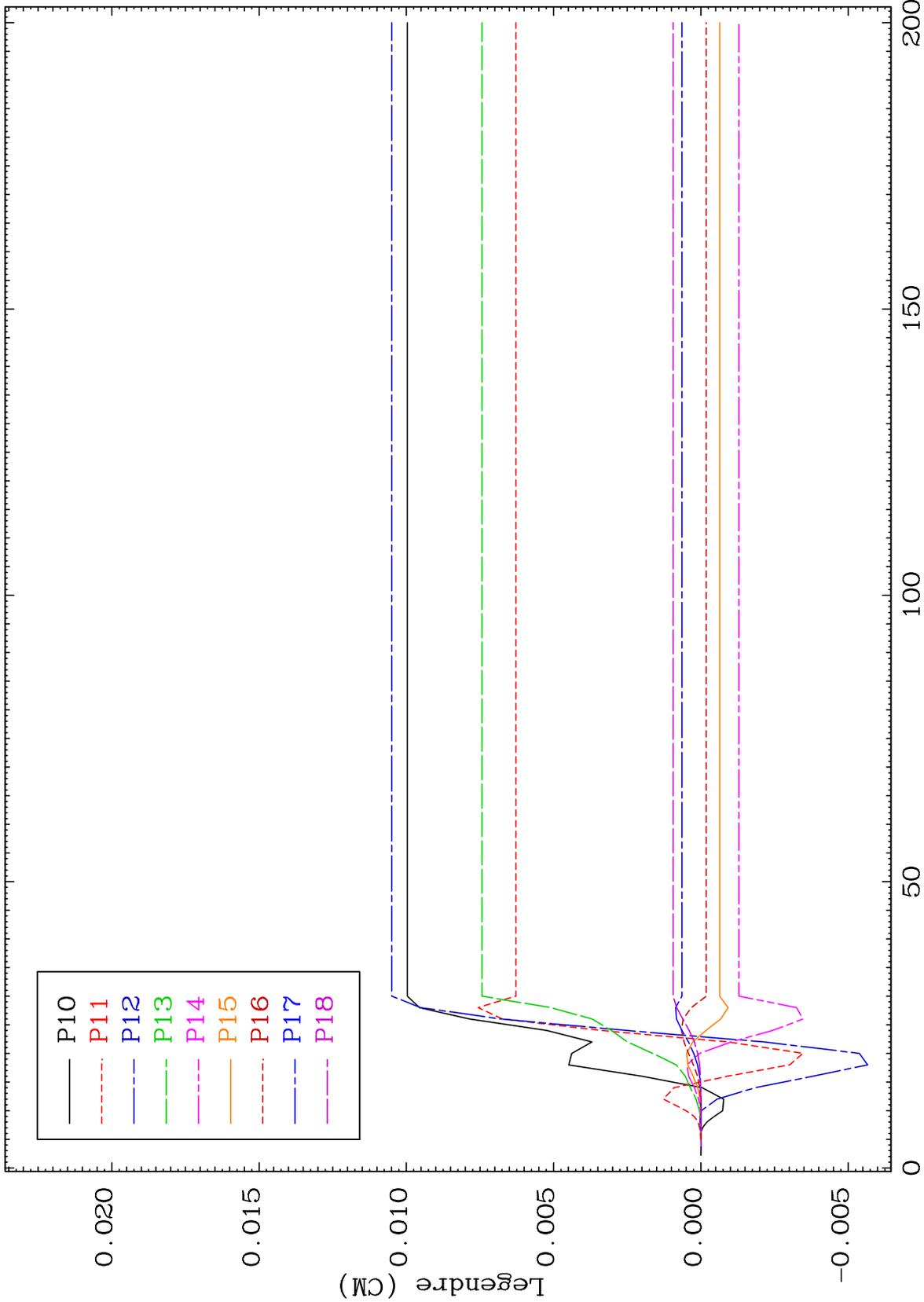
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



92

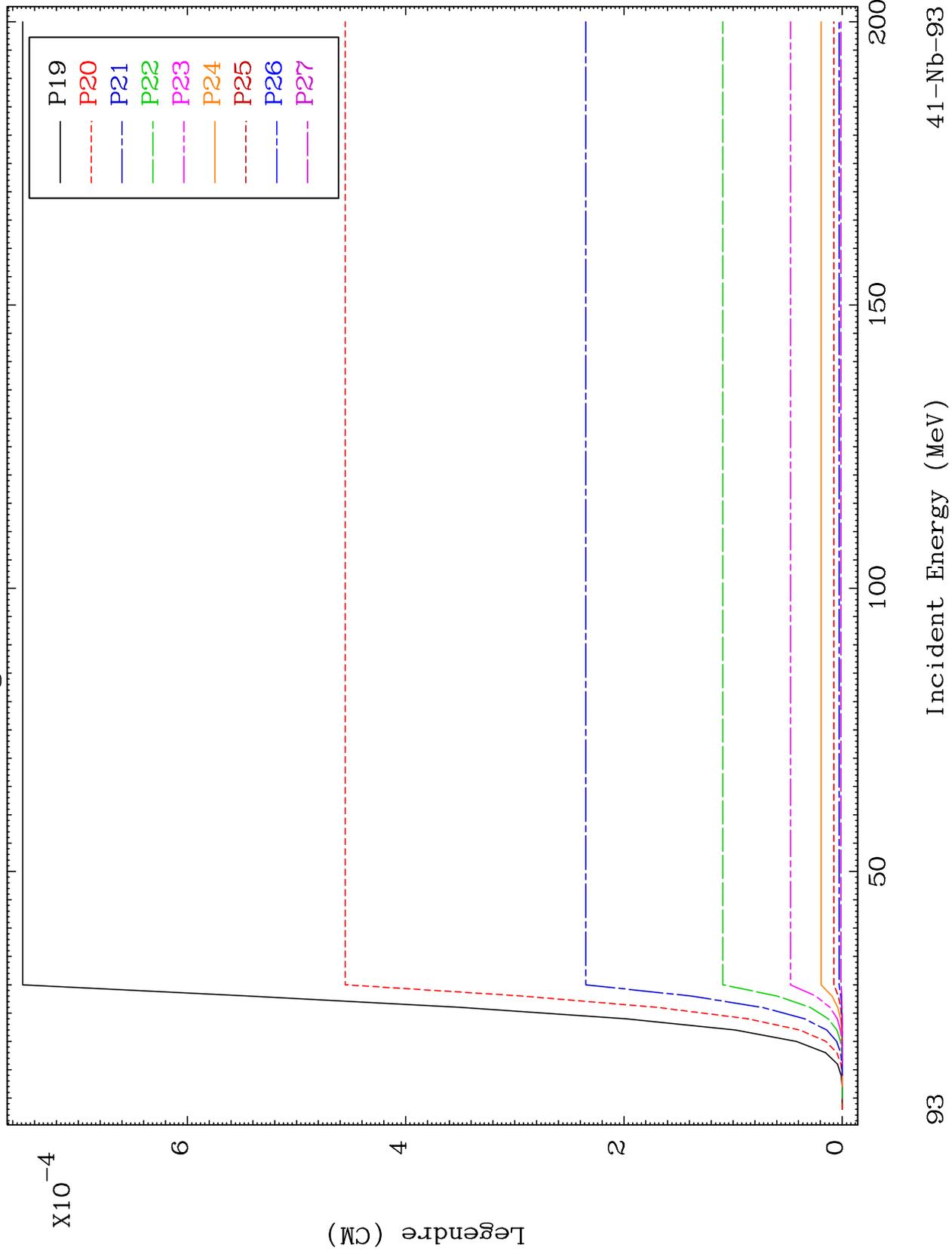
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

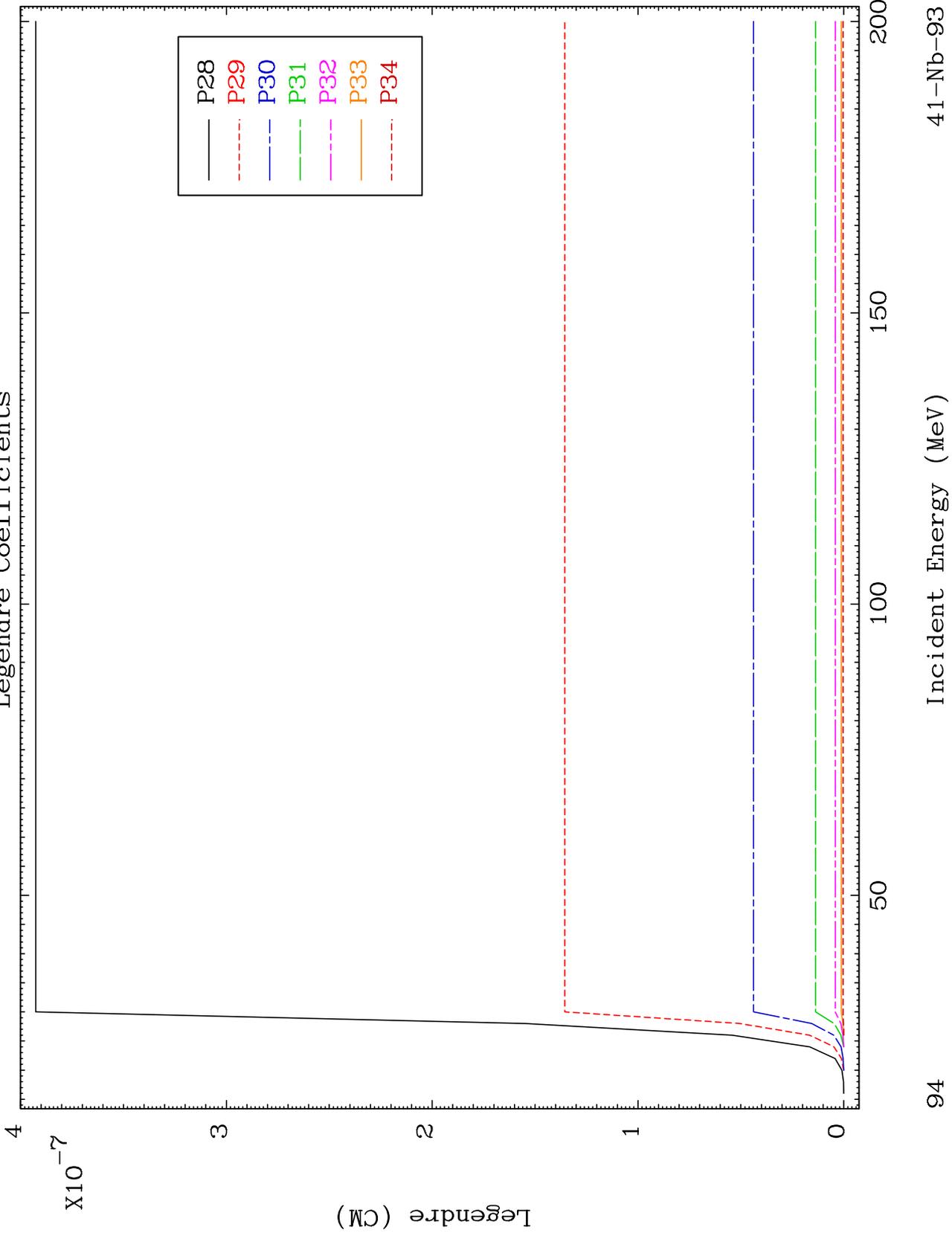


93

MAT 4125

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

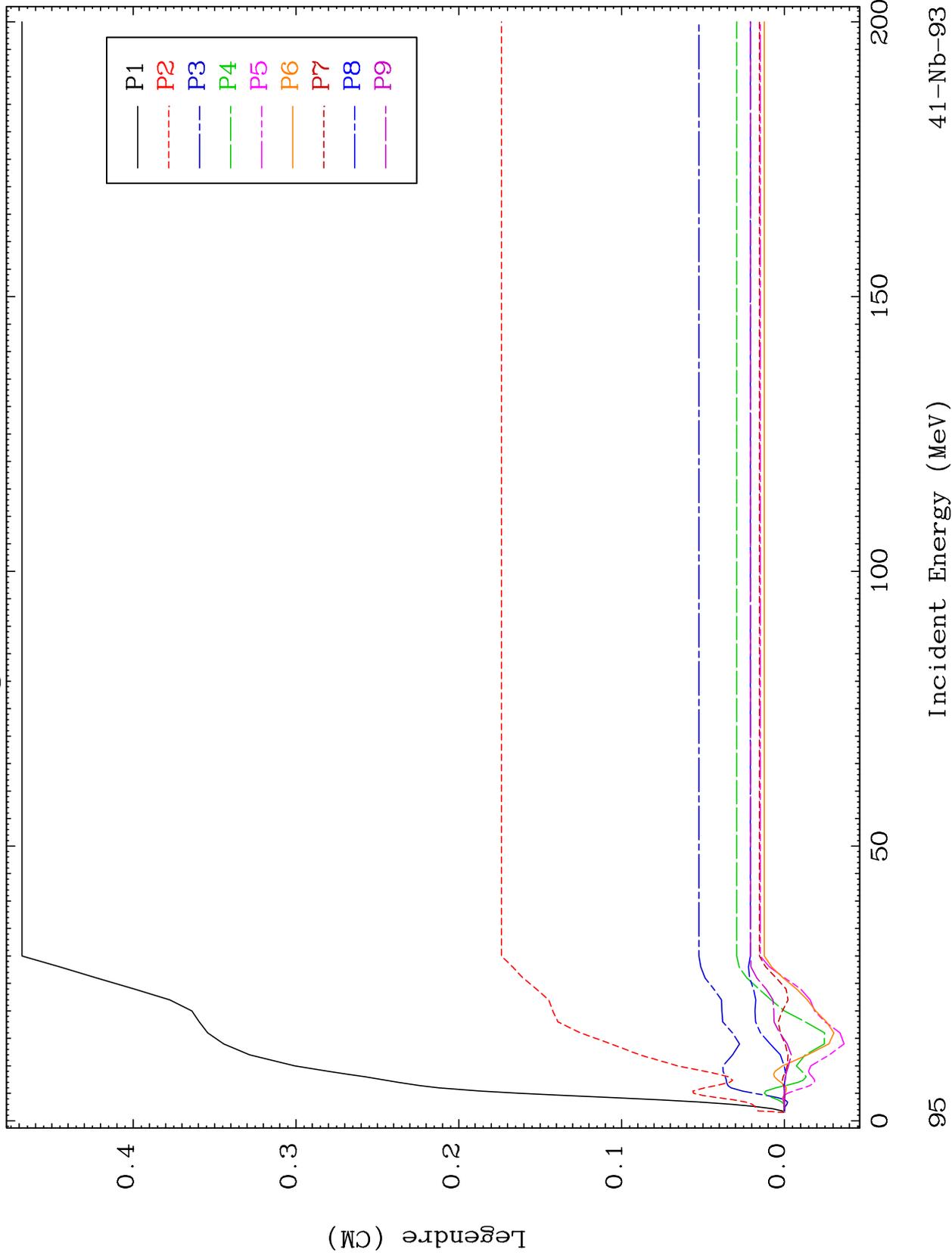
41-Nb-93



MAT 4125

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

41-Nb-93



41-Nb-93

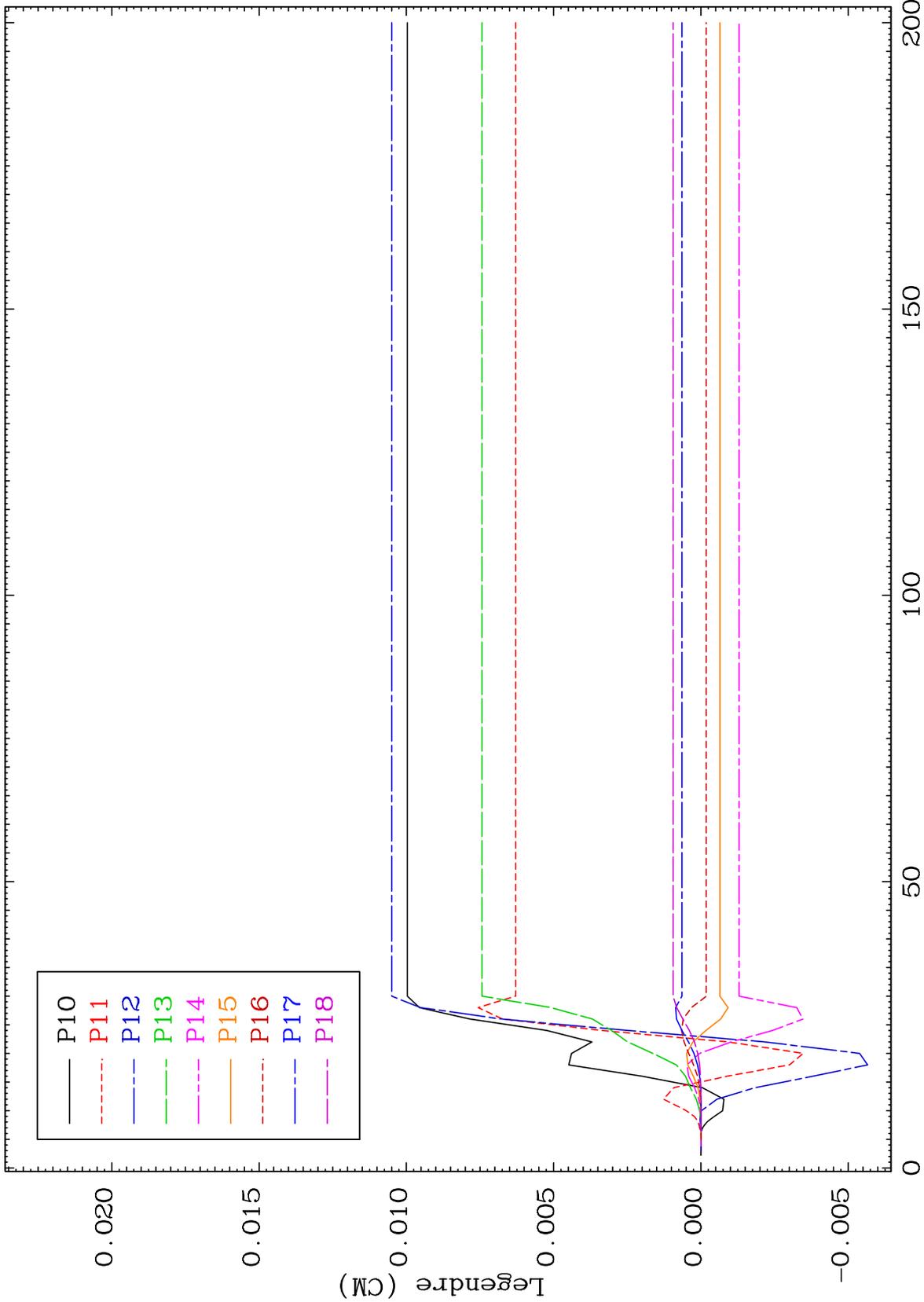
Incident Energy (MeV)

95

MAT 4125

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

41-Nb-93



96

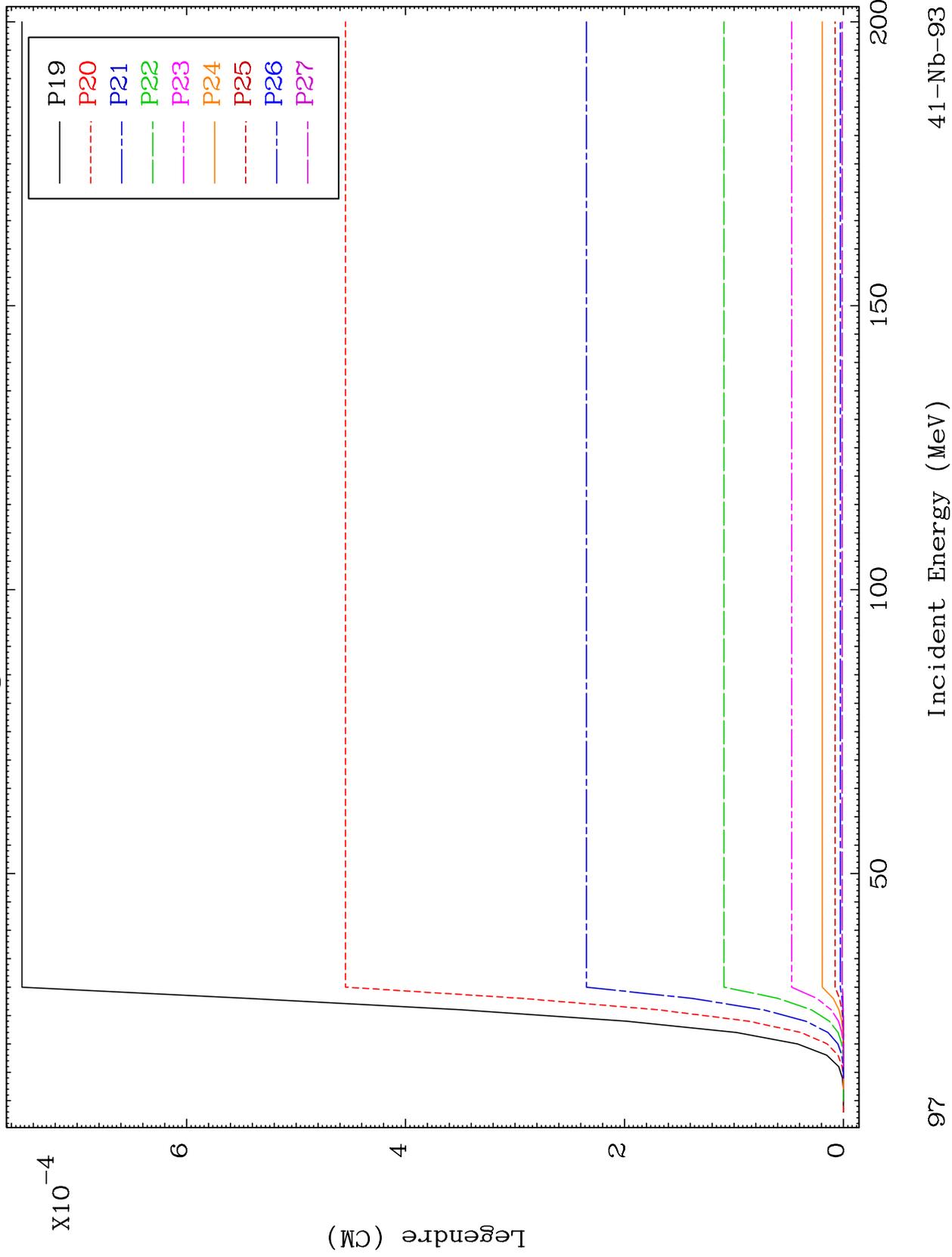
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

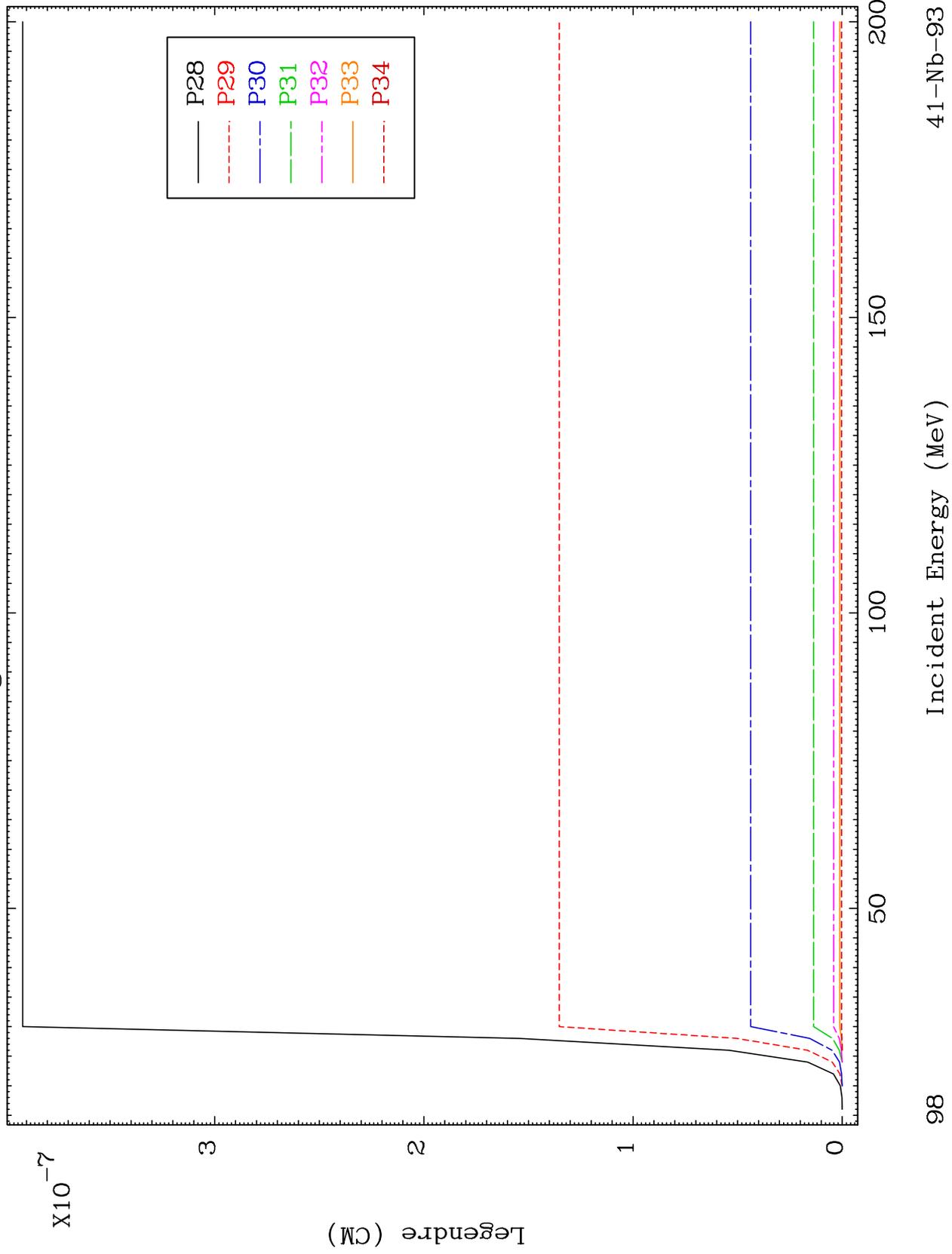
41-Nb-93



MAT 4125

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

41-Nb-93

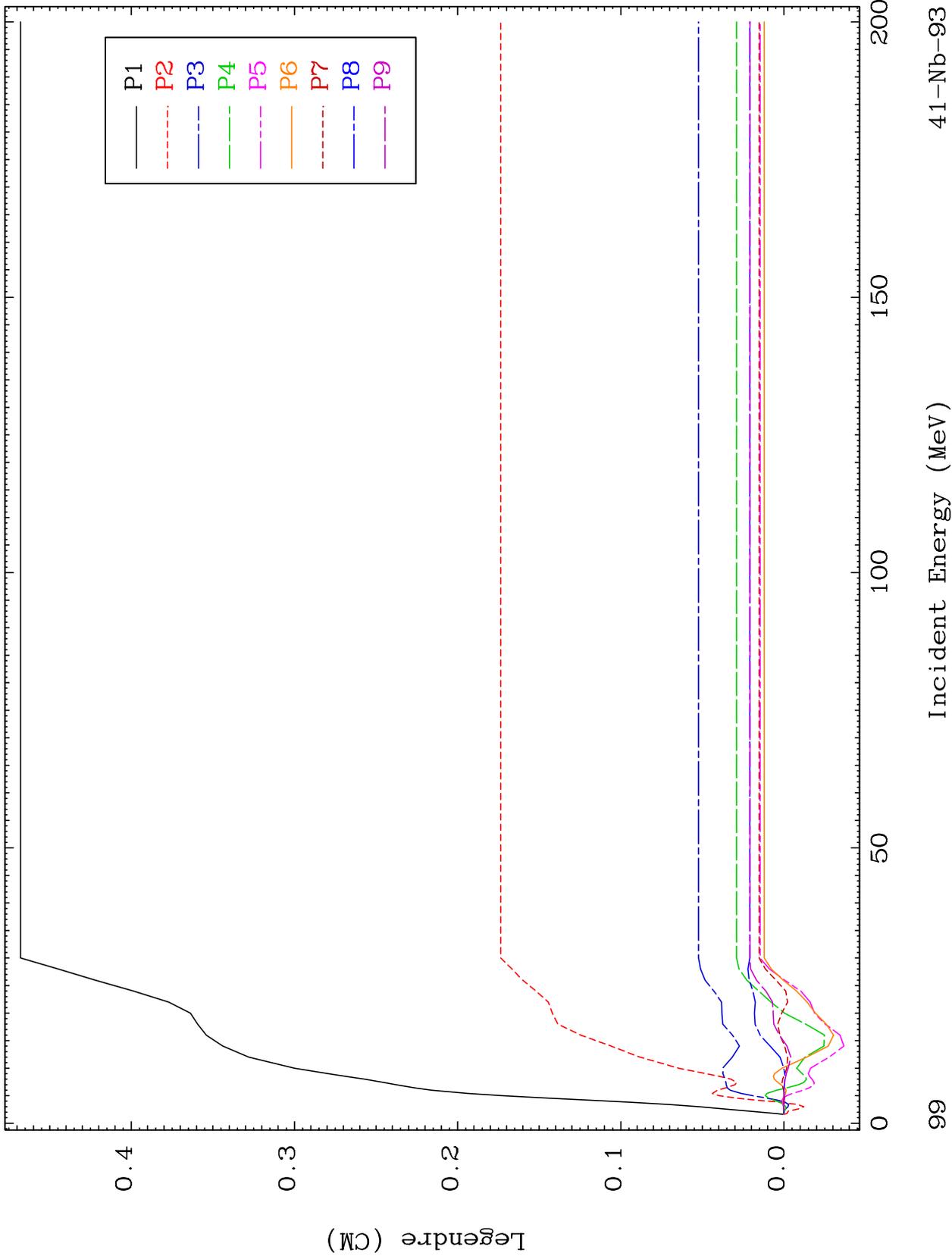


98

MAT 4125

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

41-Nb-93



41-Nb-93

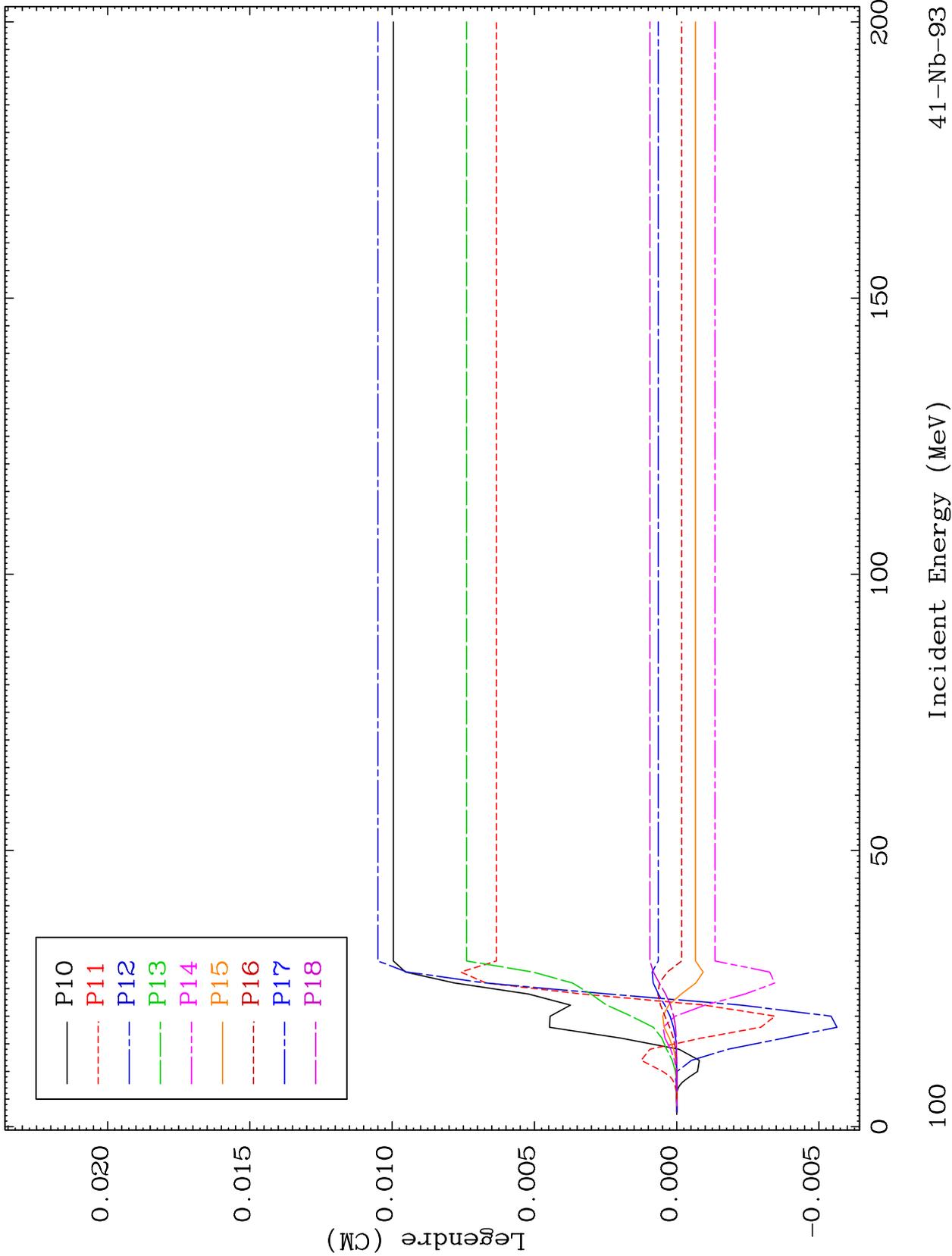
Incident Energy (MeV)

99

MAT 4125

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

41-Nb-93



41-Nb-93

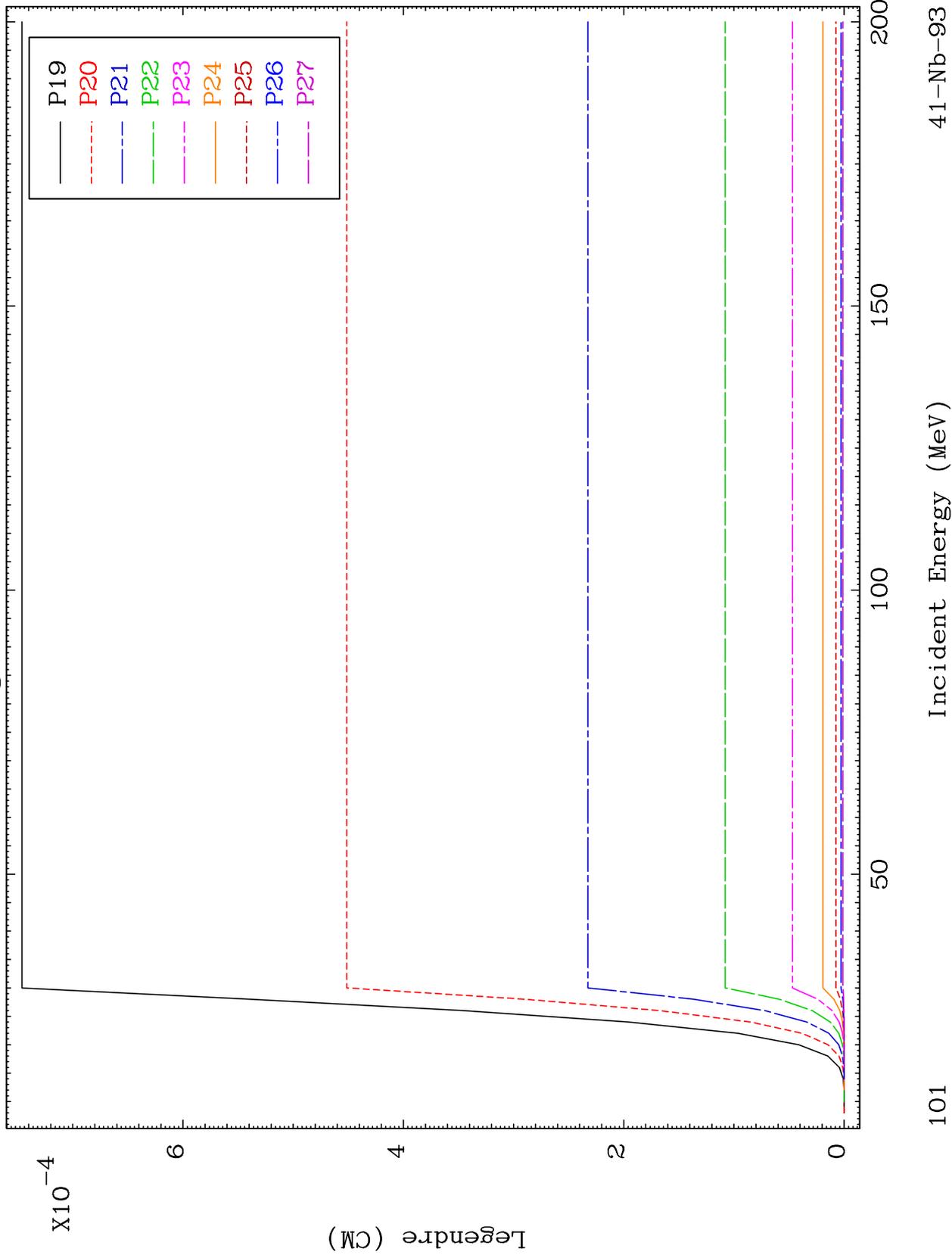
Incident Energy (MeV)

100

MAT 4125

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

41-Nb-93

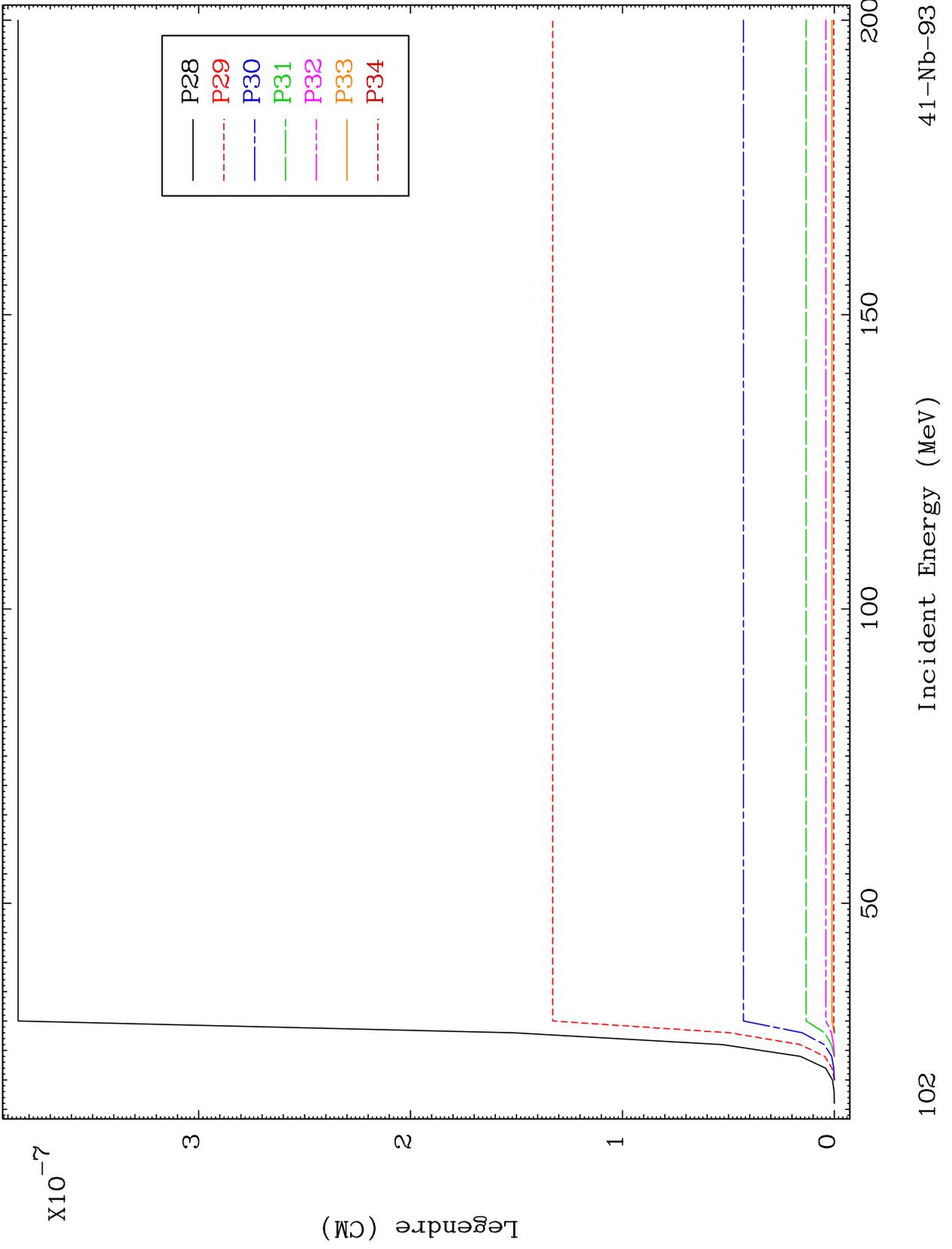


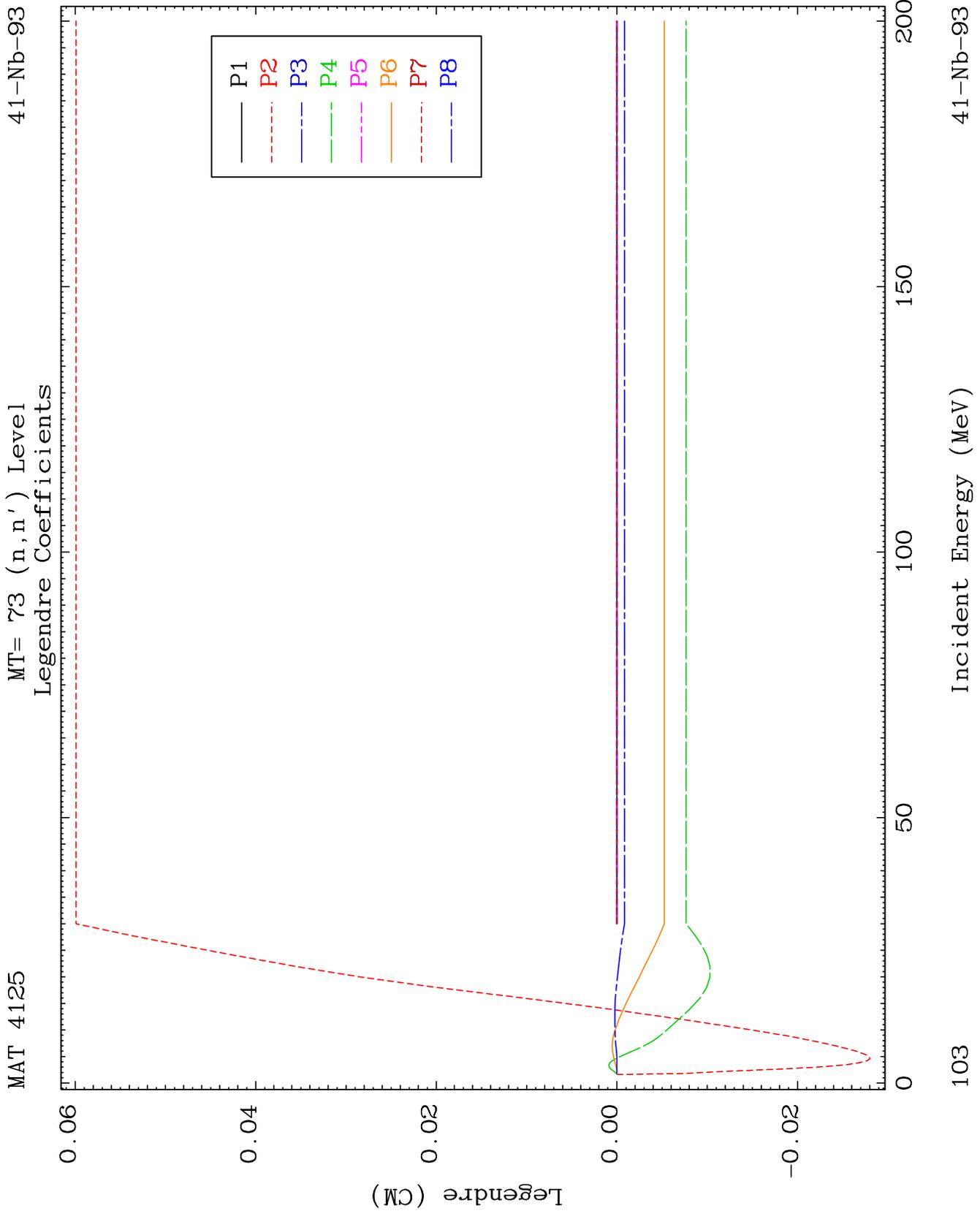
101

MAT 4125

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

41-Nb-93

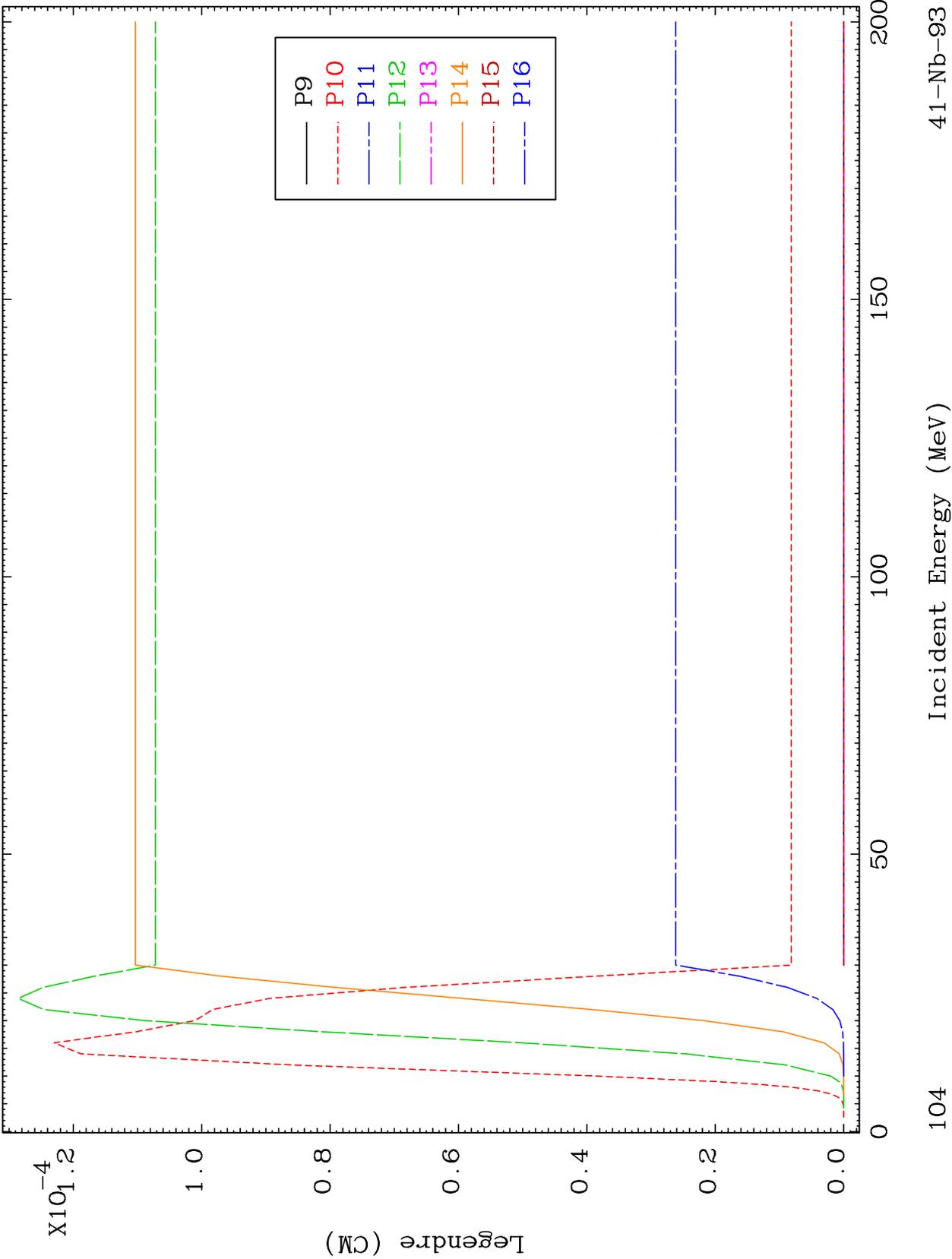




MAT 4125

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

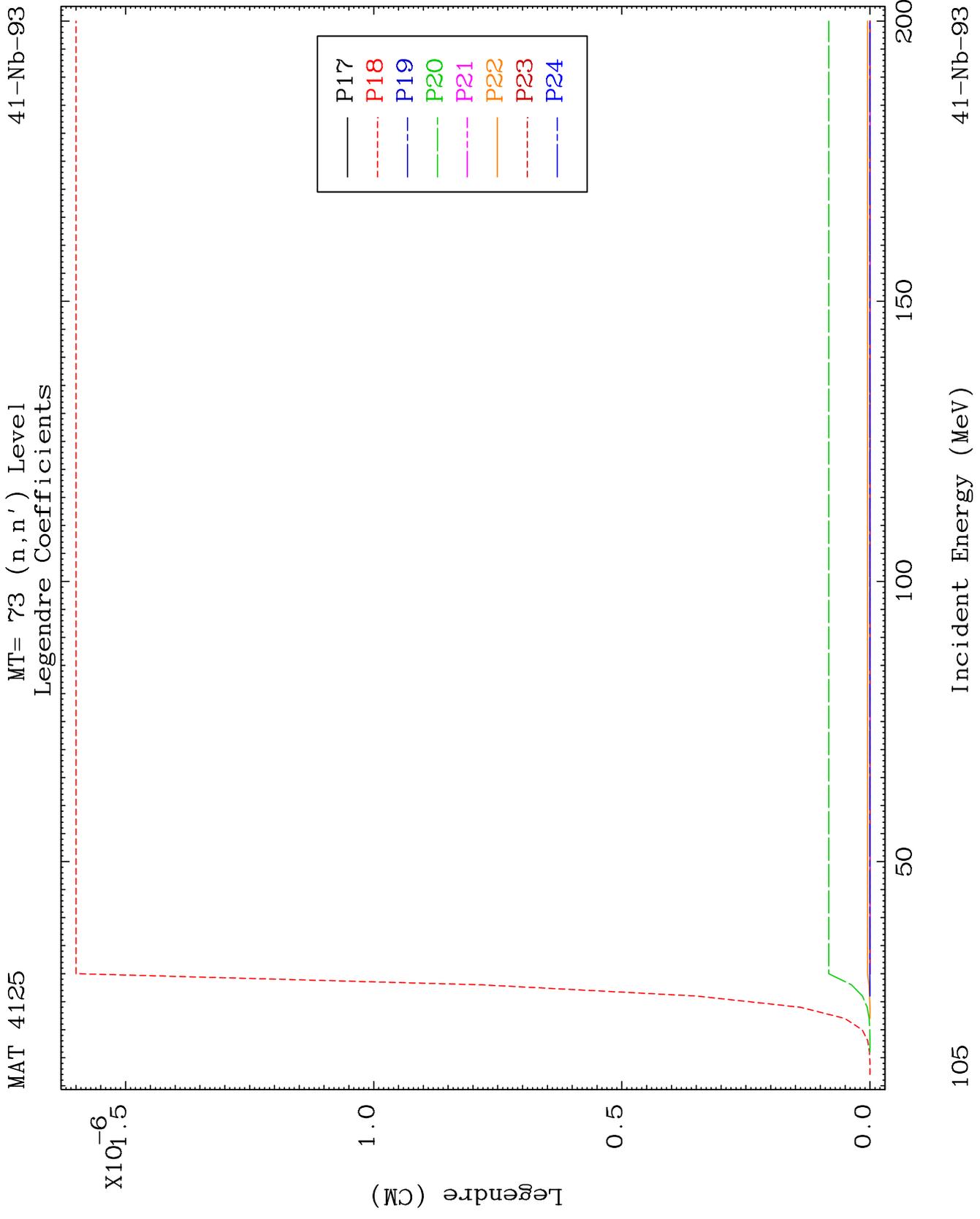
41-Nb-93



104

Incident Energy (MeV)

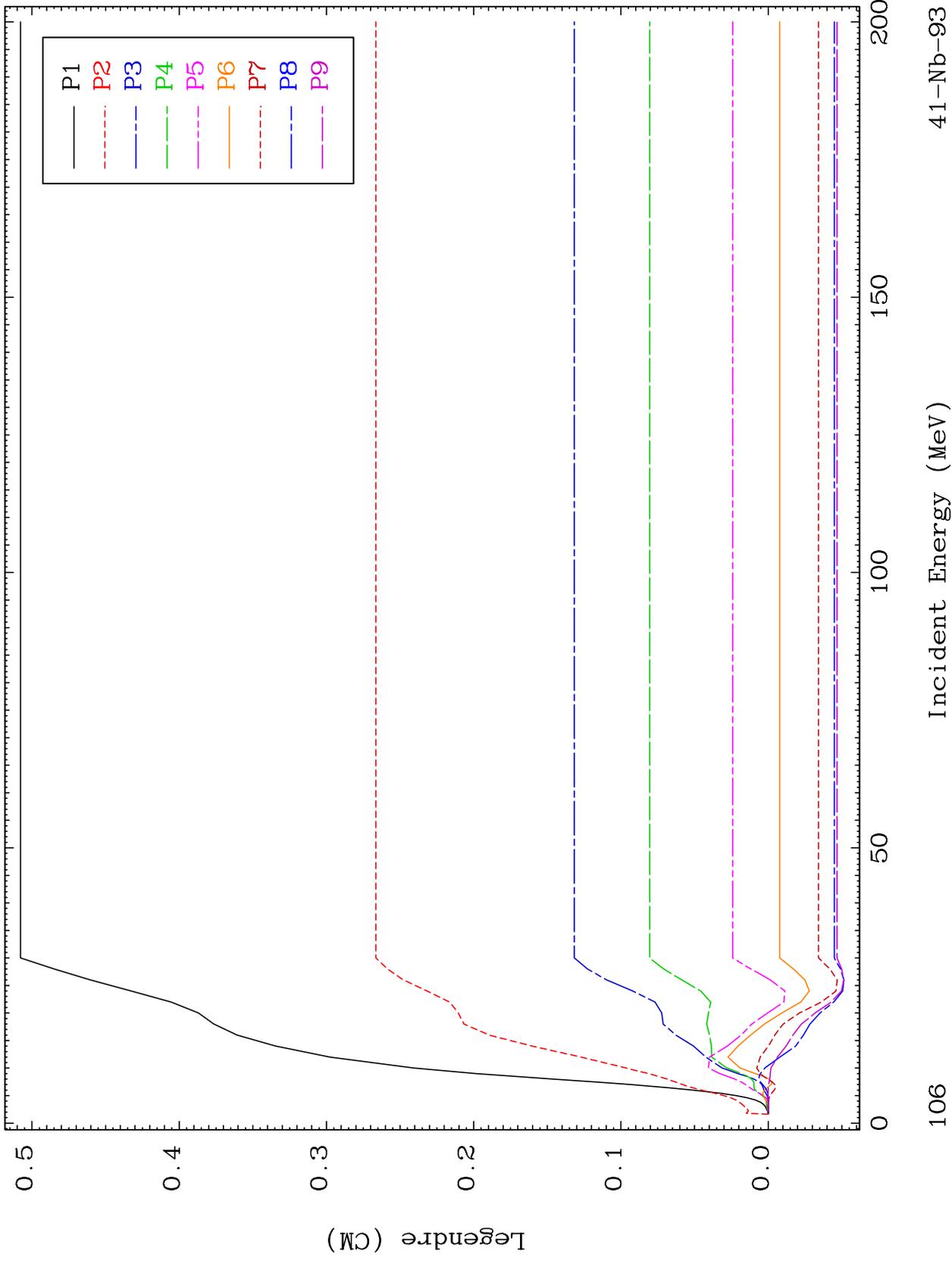
41-Nb-93



MAT 4125

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

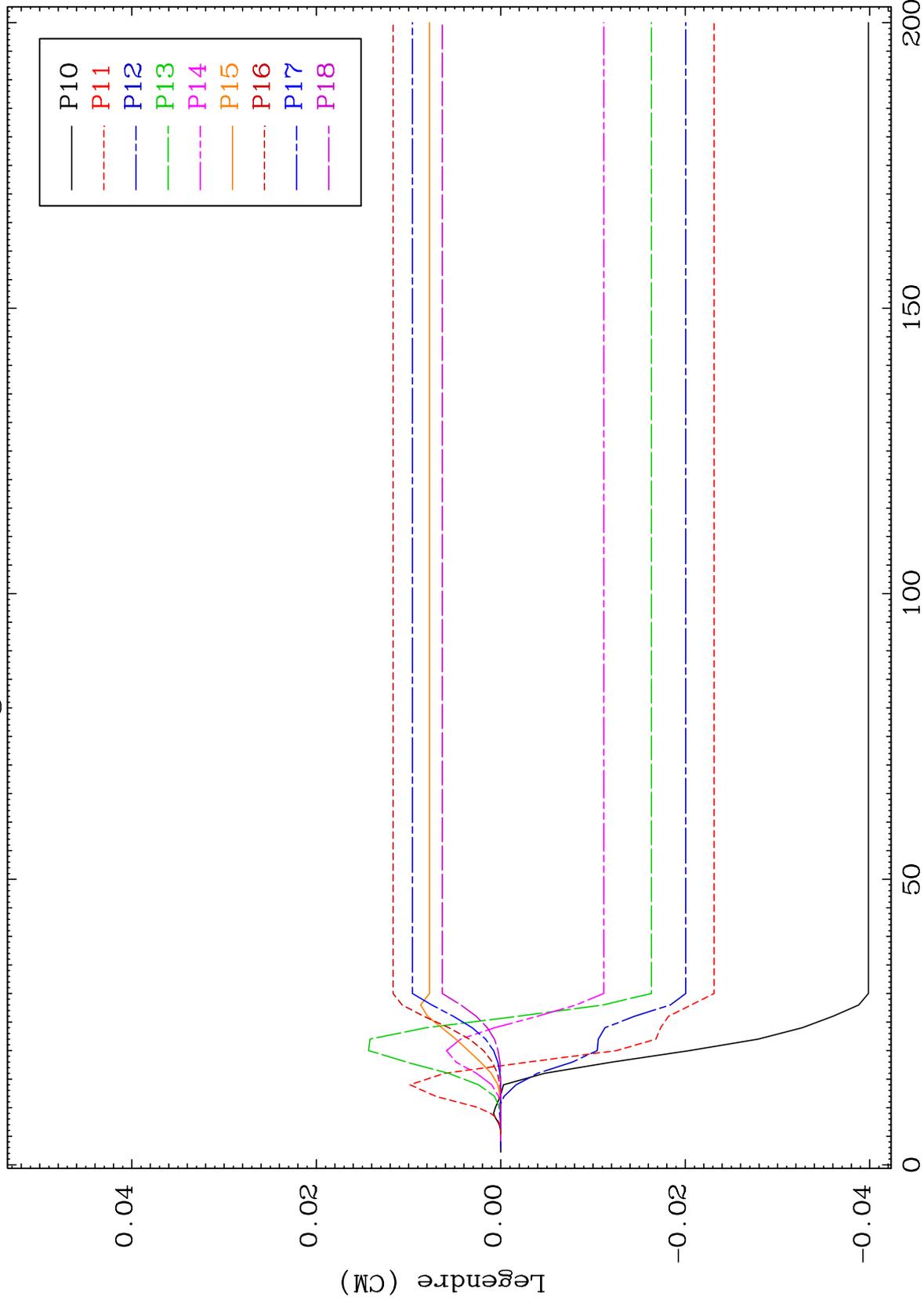
41-Nb-93



MAT 4125

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

41-Nb-93



107

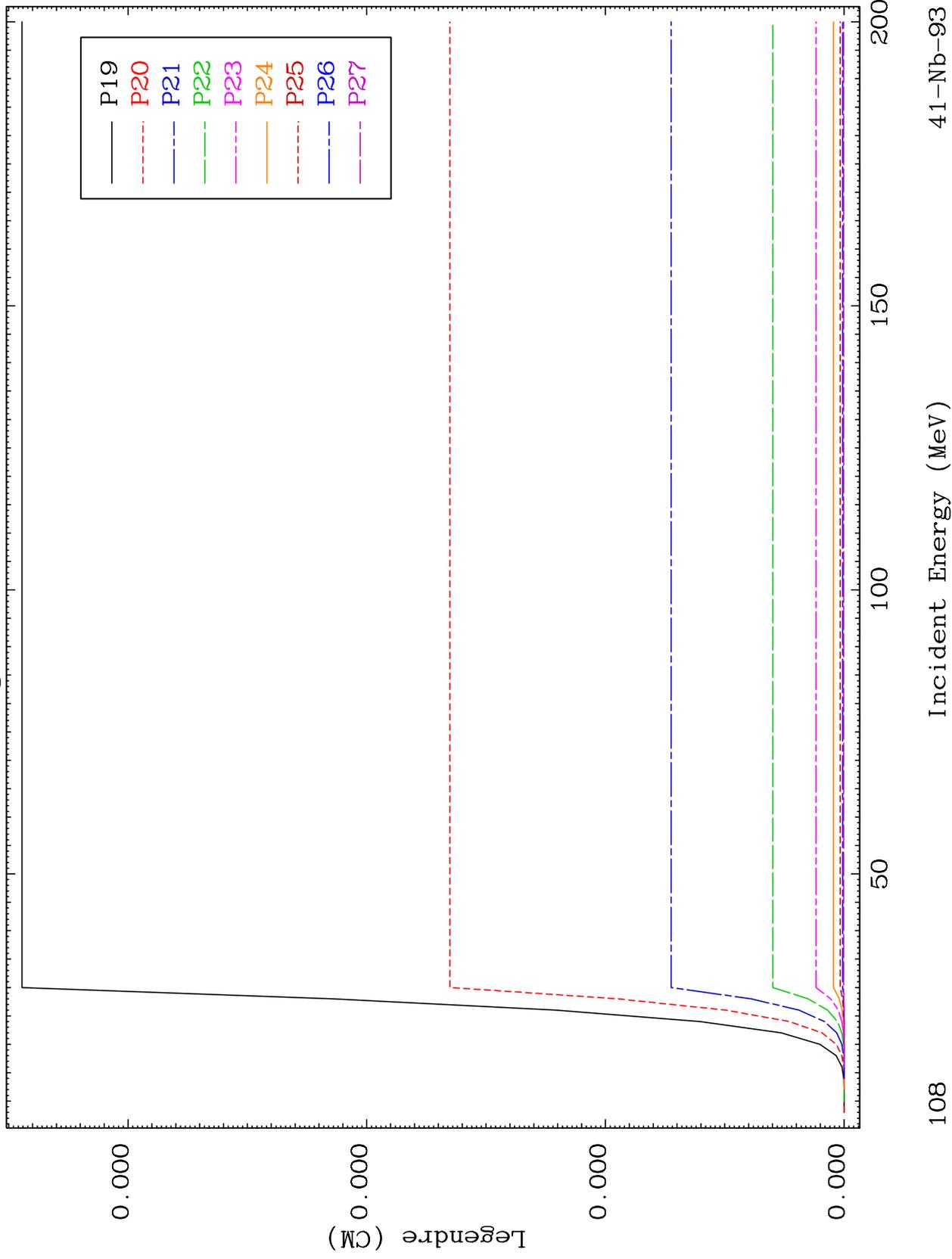
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



108

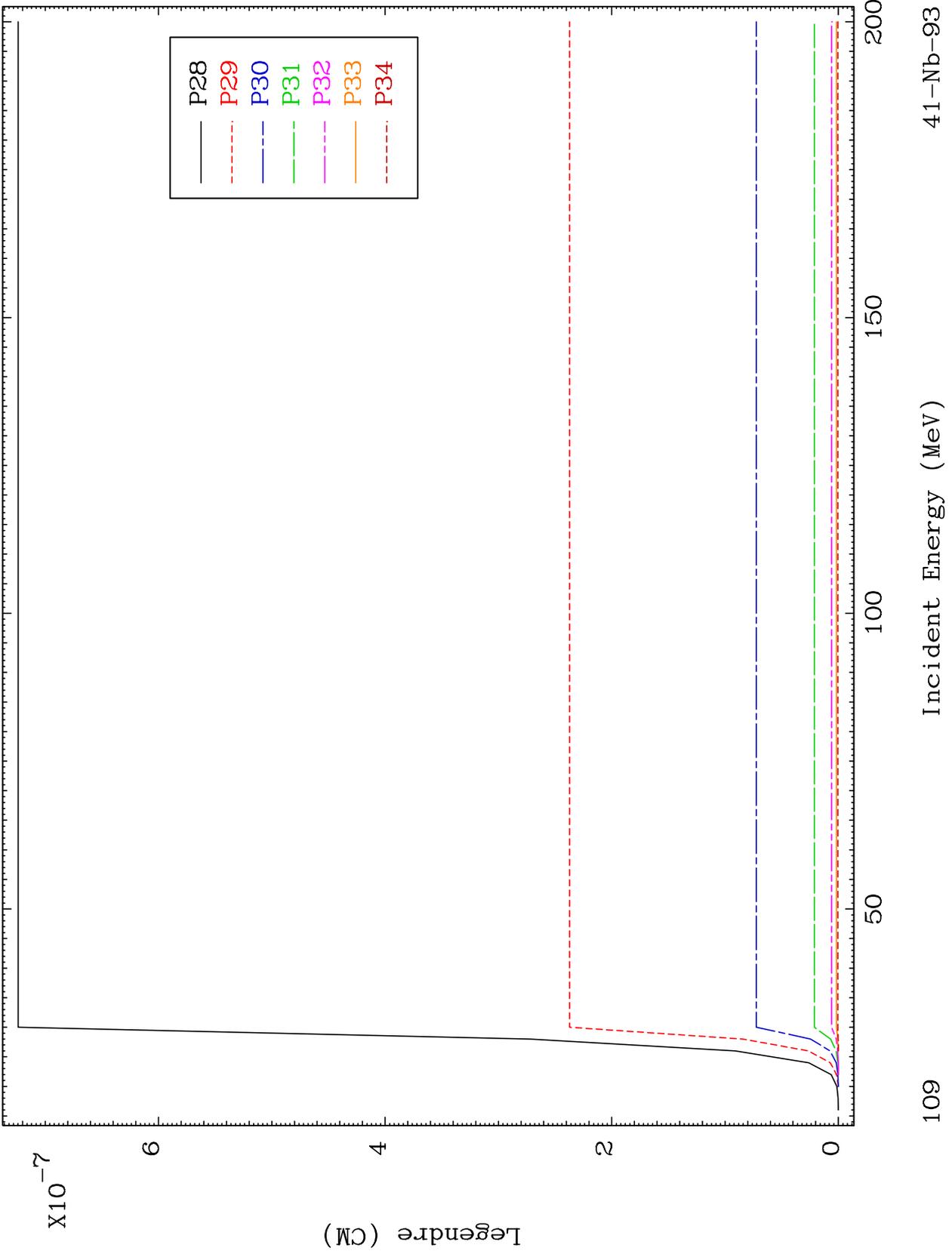
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

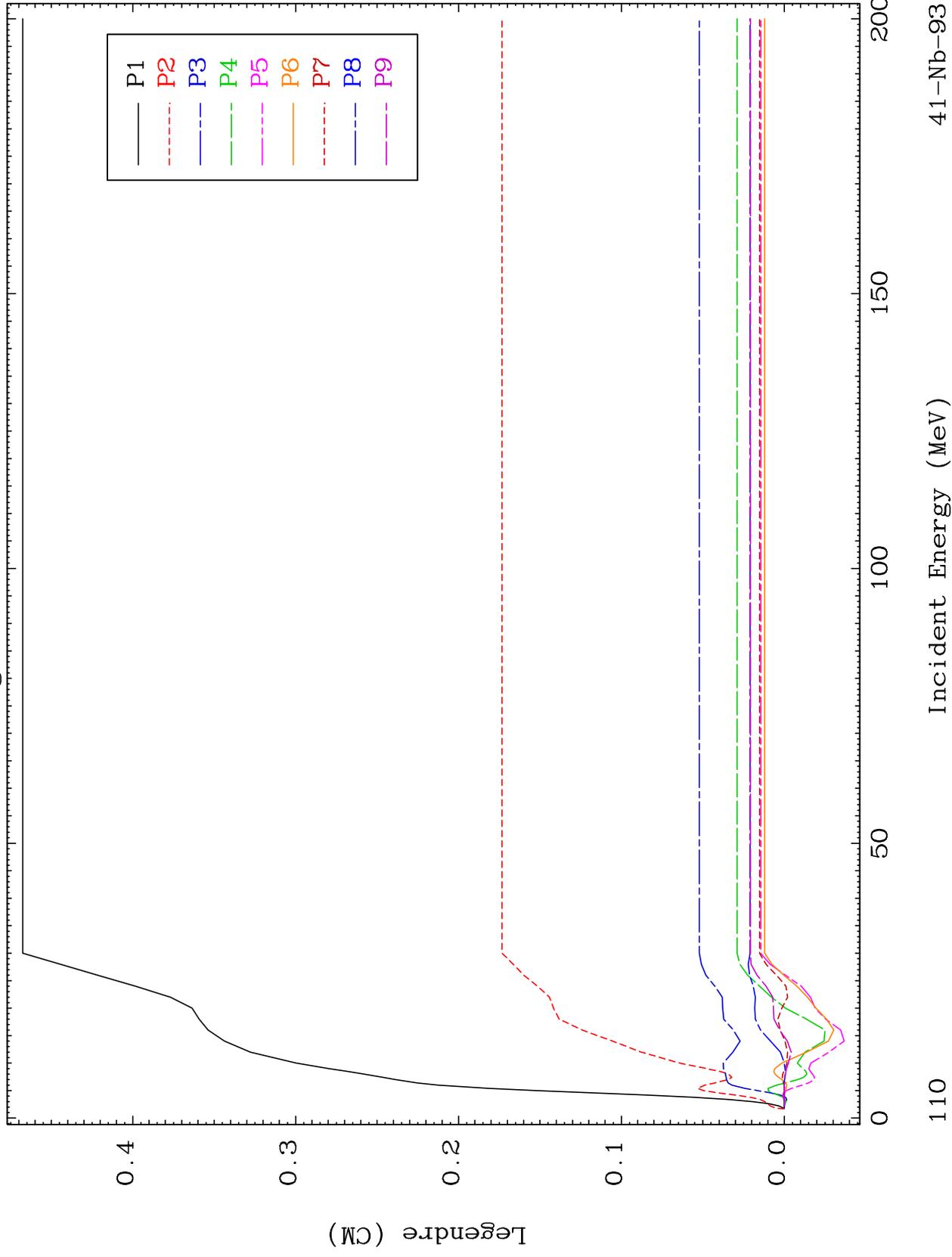
41-Nb-93



MAT 4125

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

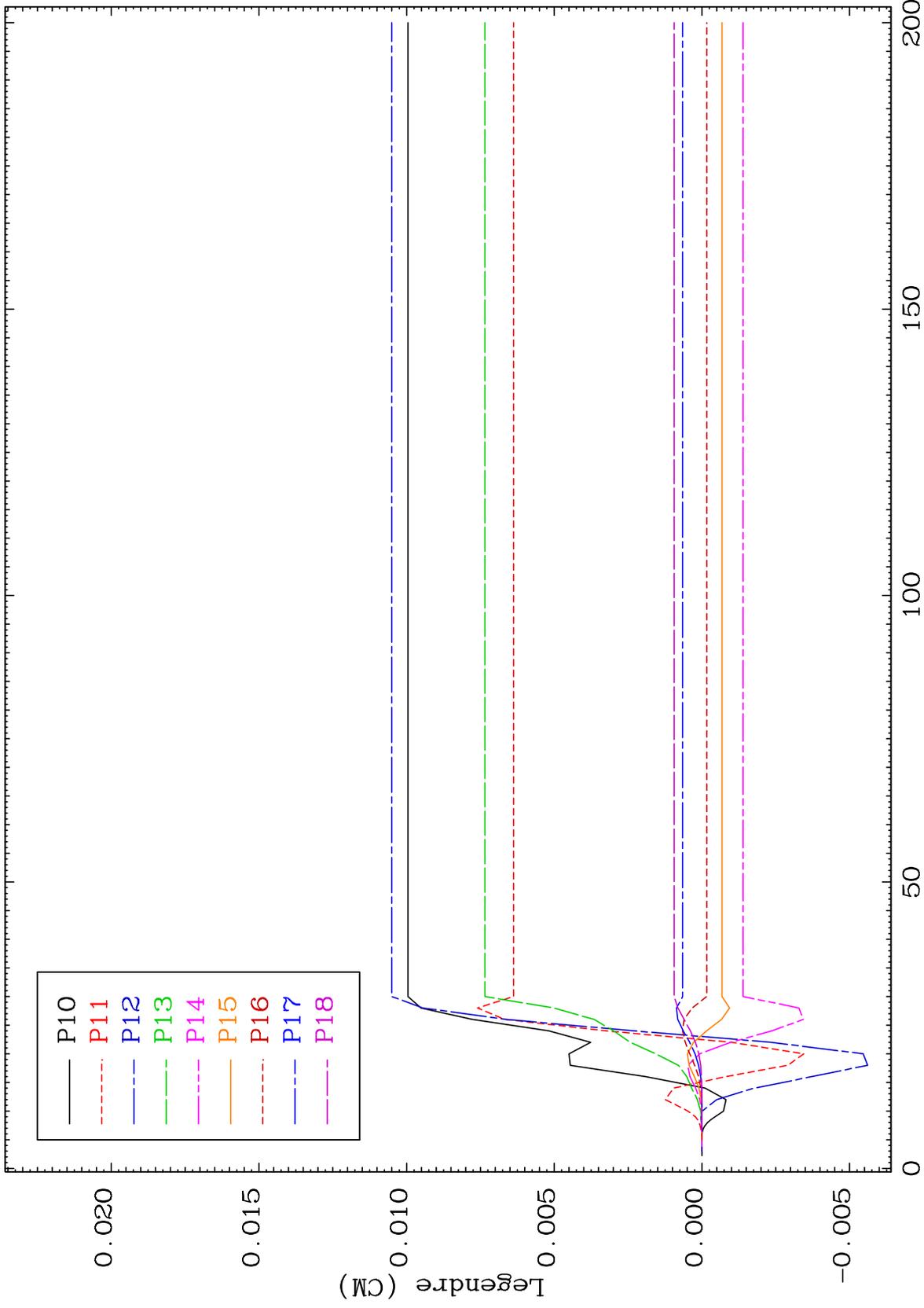
41-Nb-93



MAT 4125

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

41-Nb-93



111

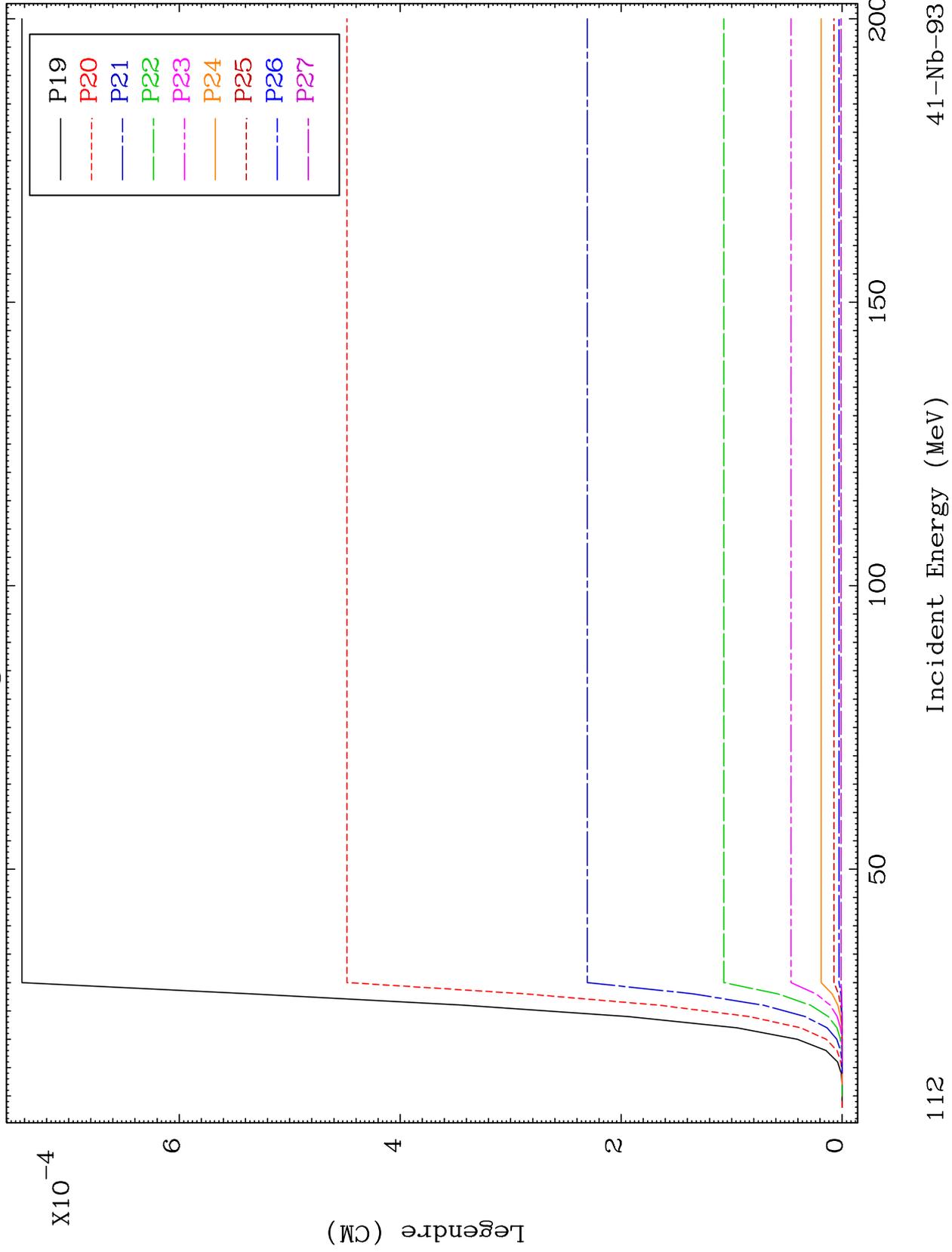
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

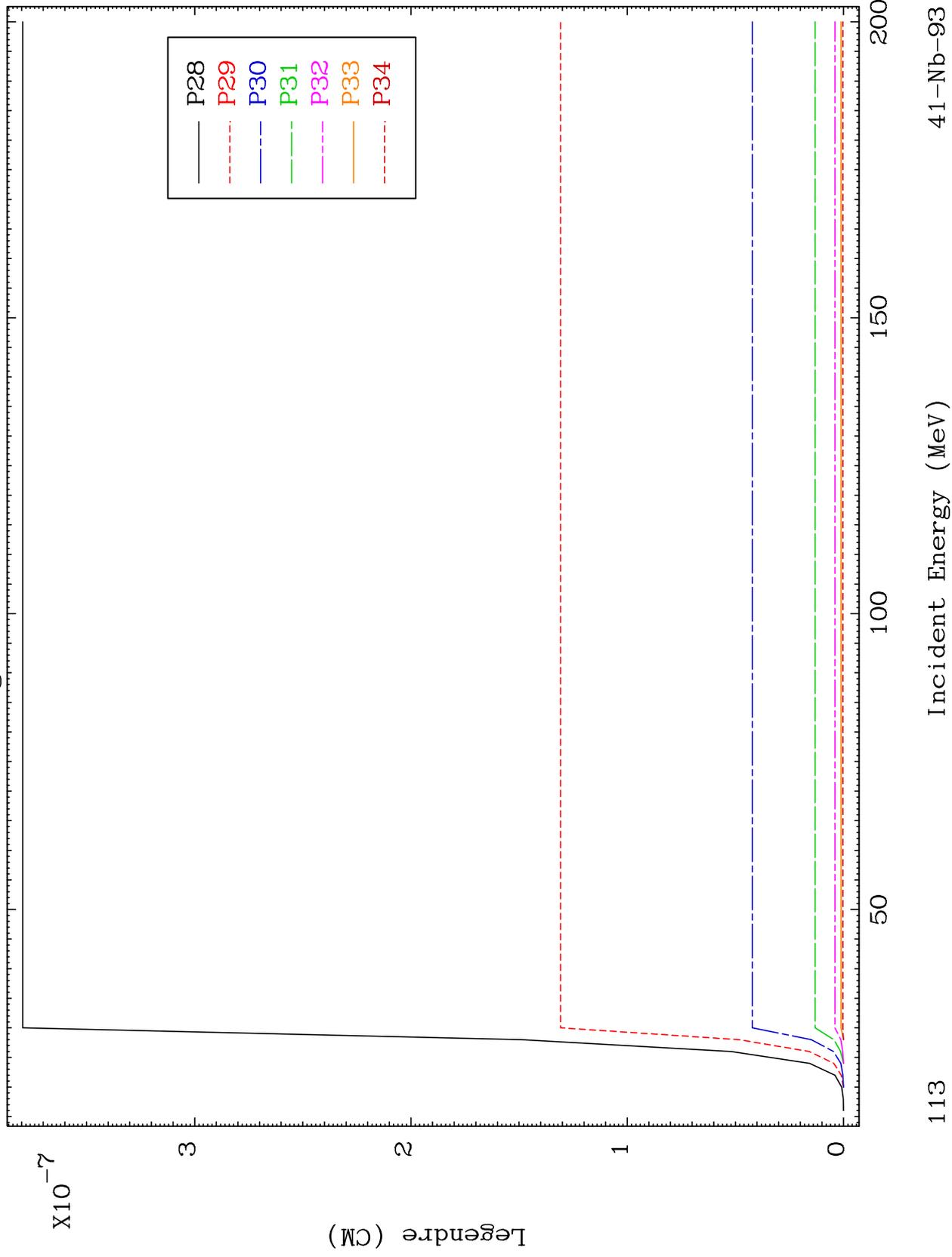


112

MAT 4125

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

41-Nb-93

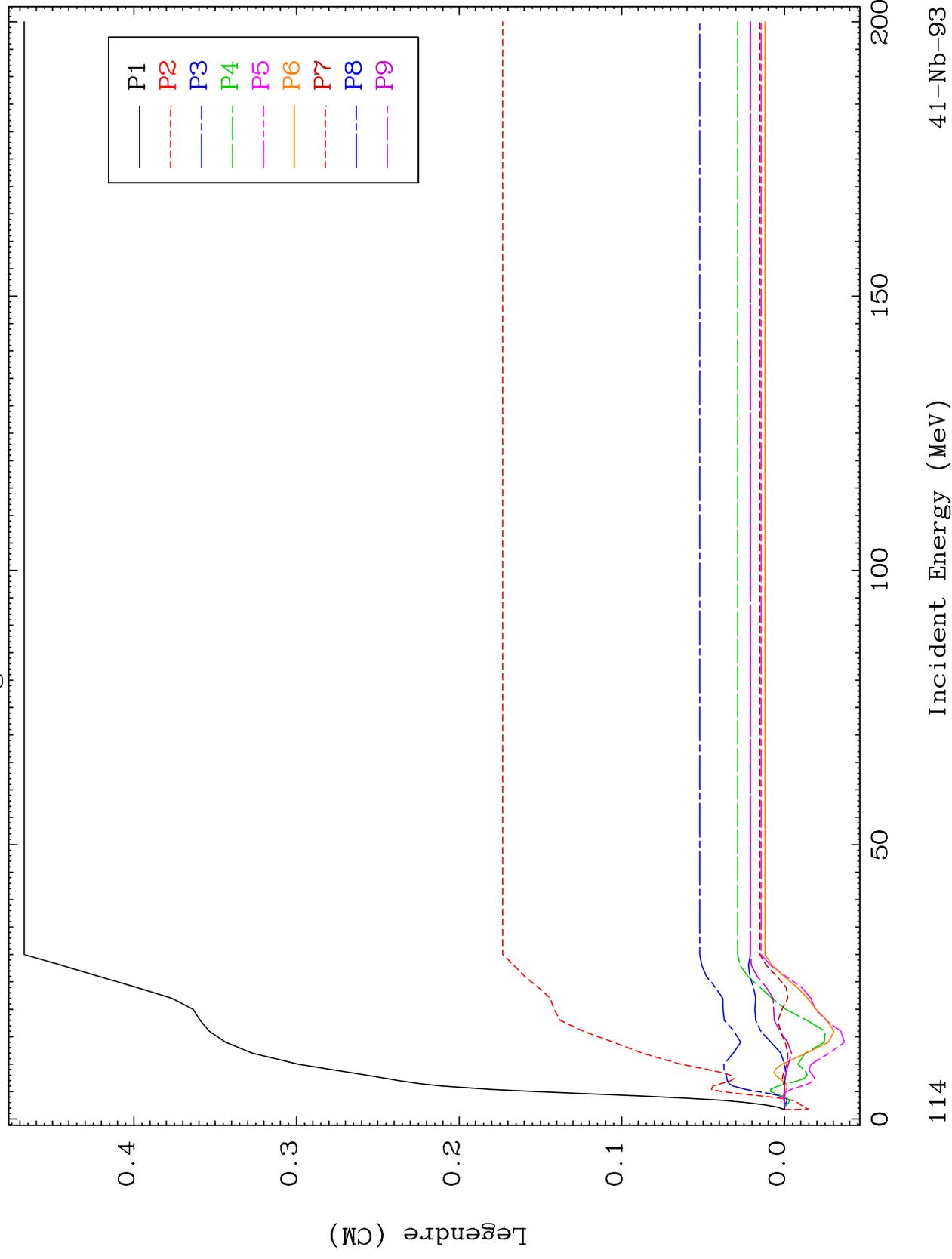


113

MAT 4125

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

41-Nb-93



41-Nb-93

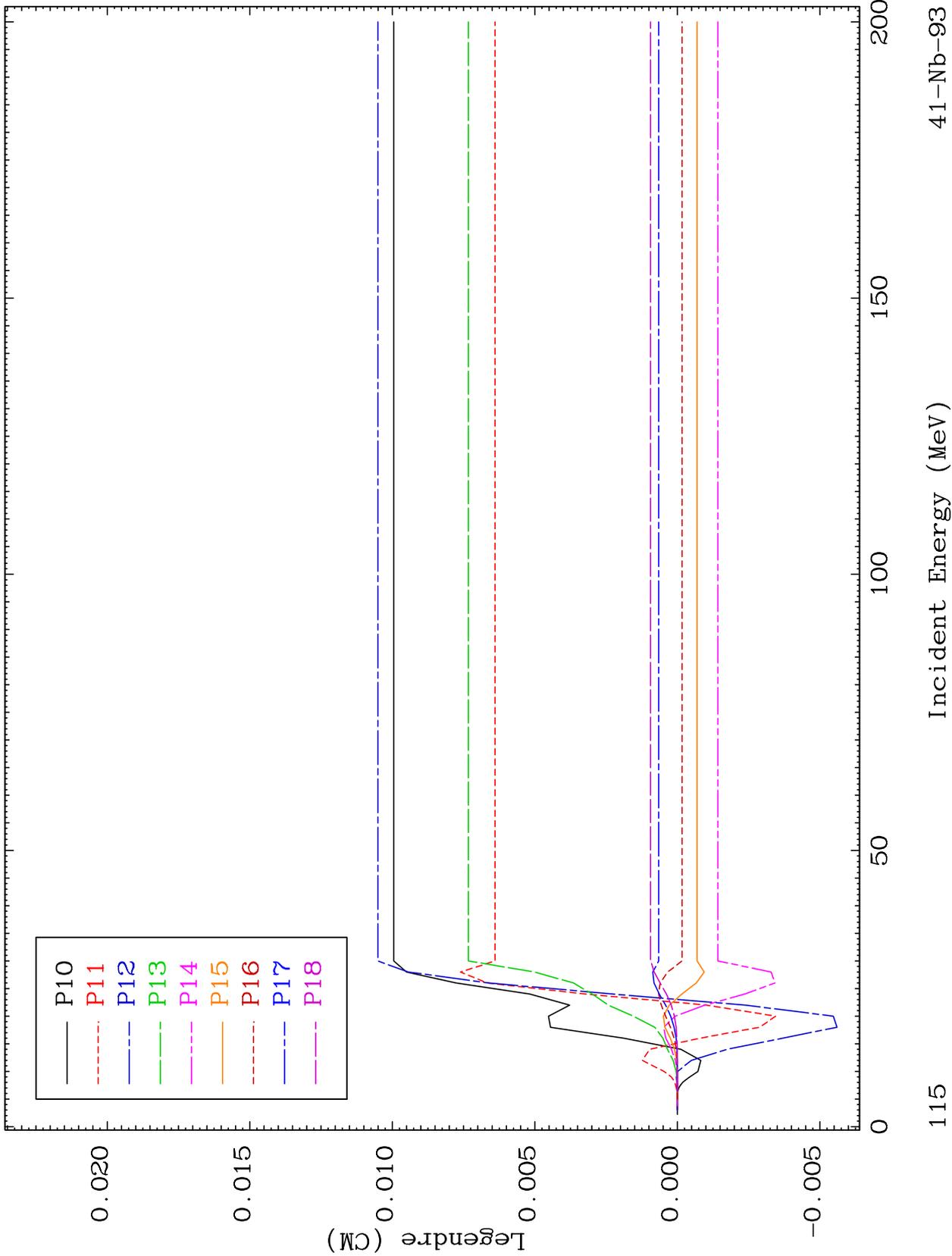
Incident Energy (MeV)

114

MAT 4125

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

41-Nb-93



115

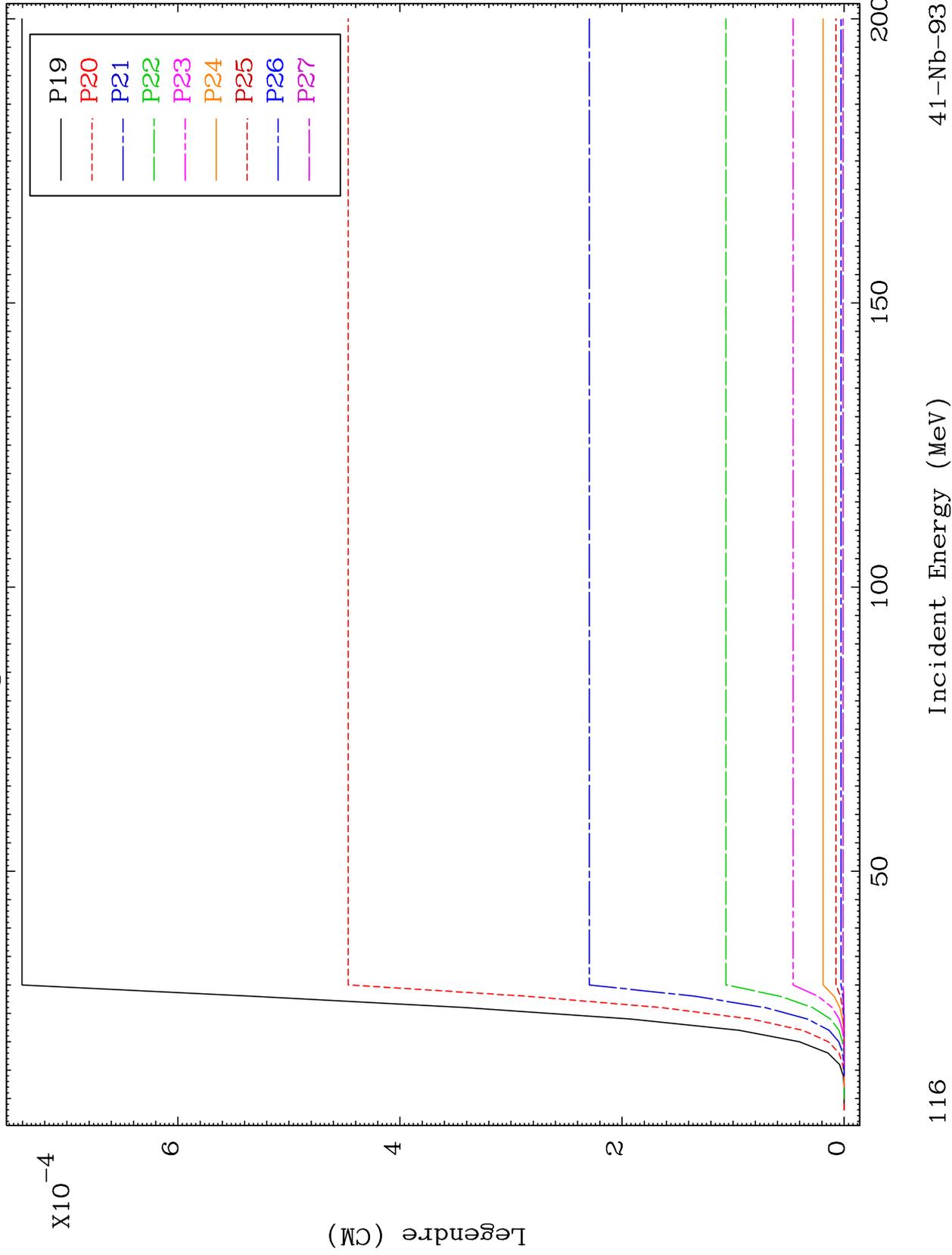
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93

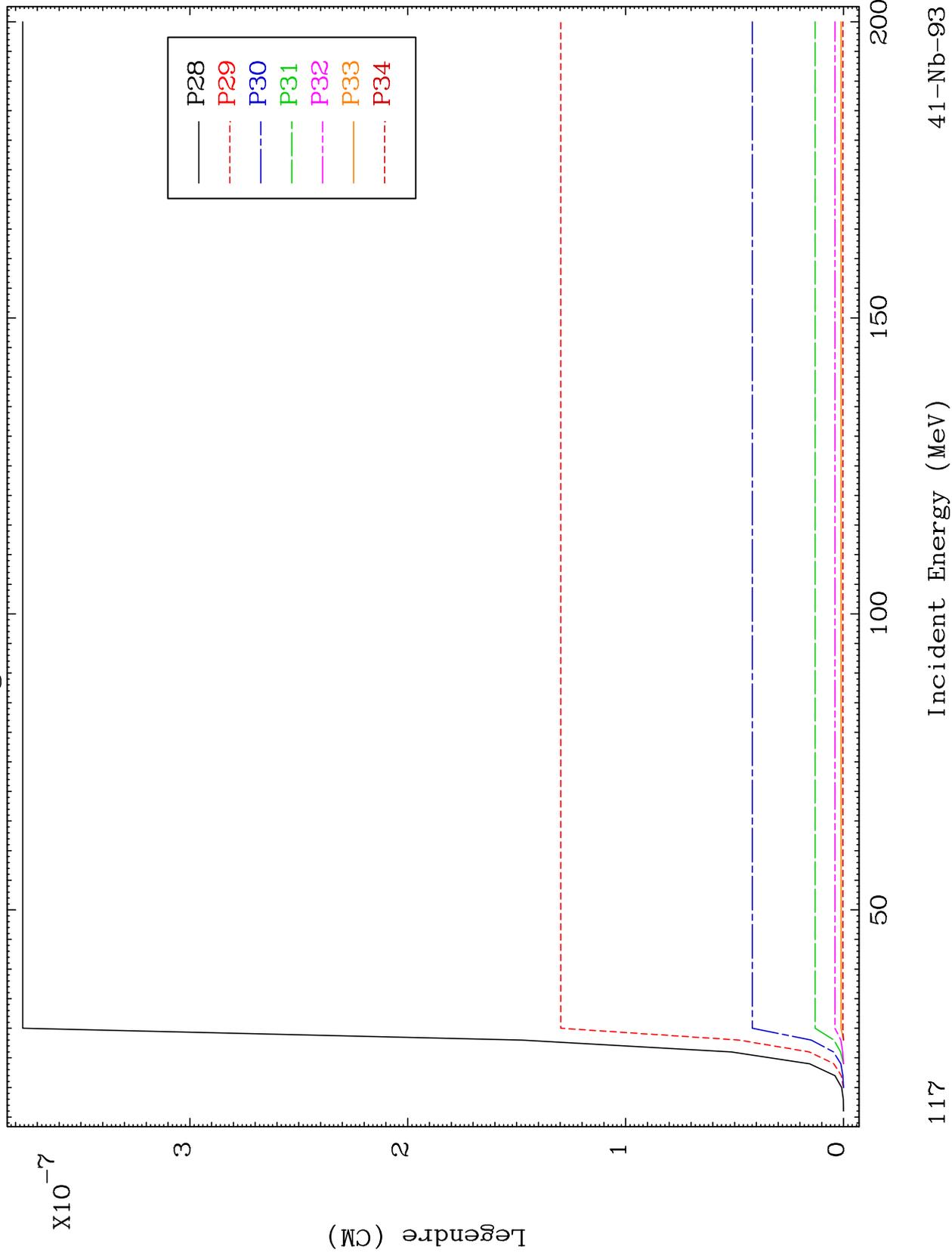


116

MAT 4125

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

41-Nb-93



117

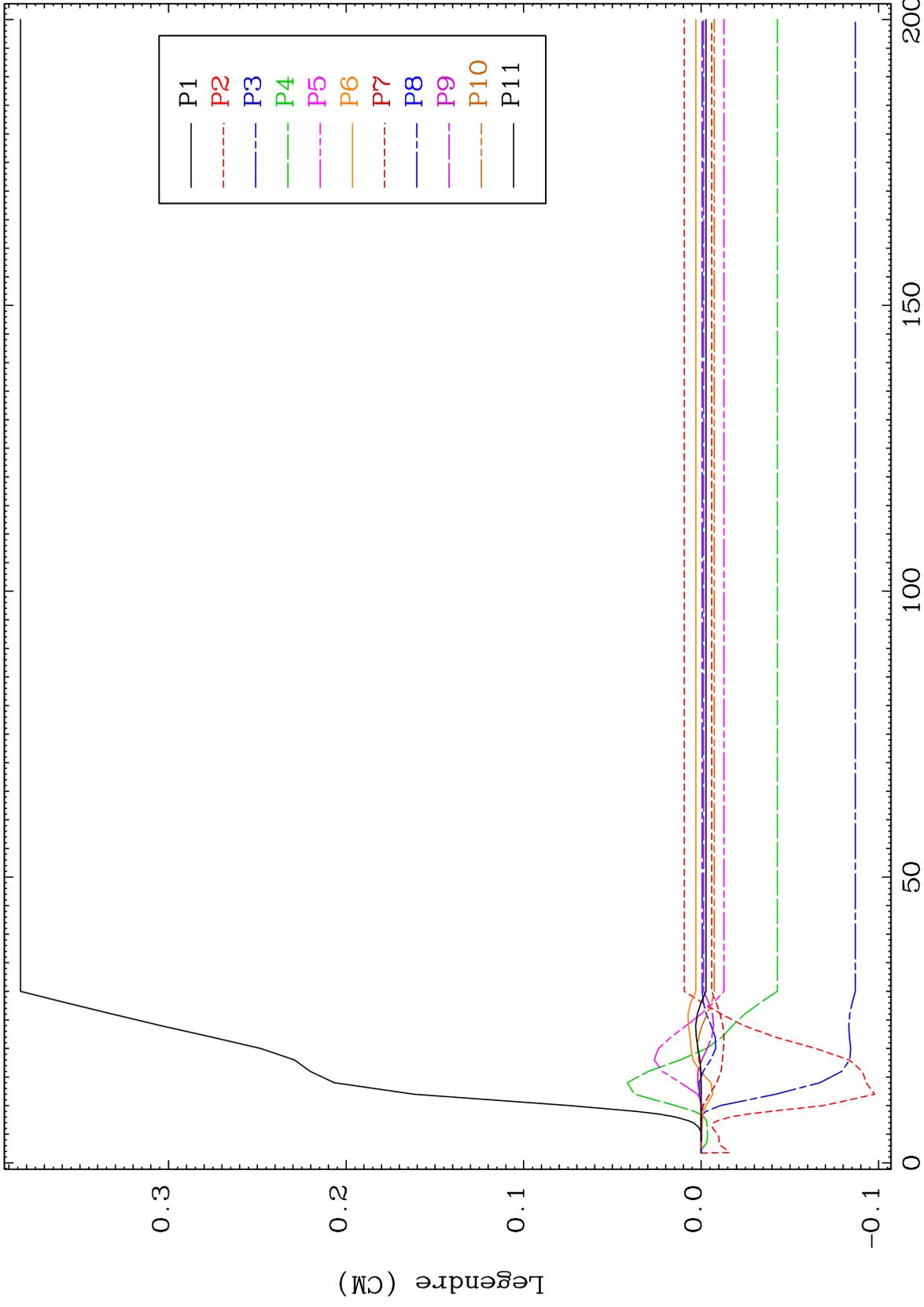
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



118

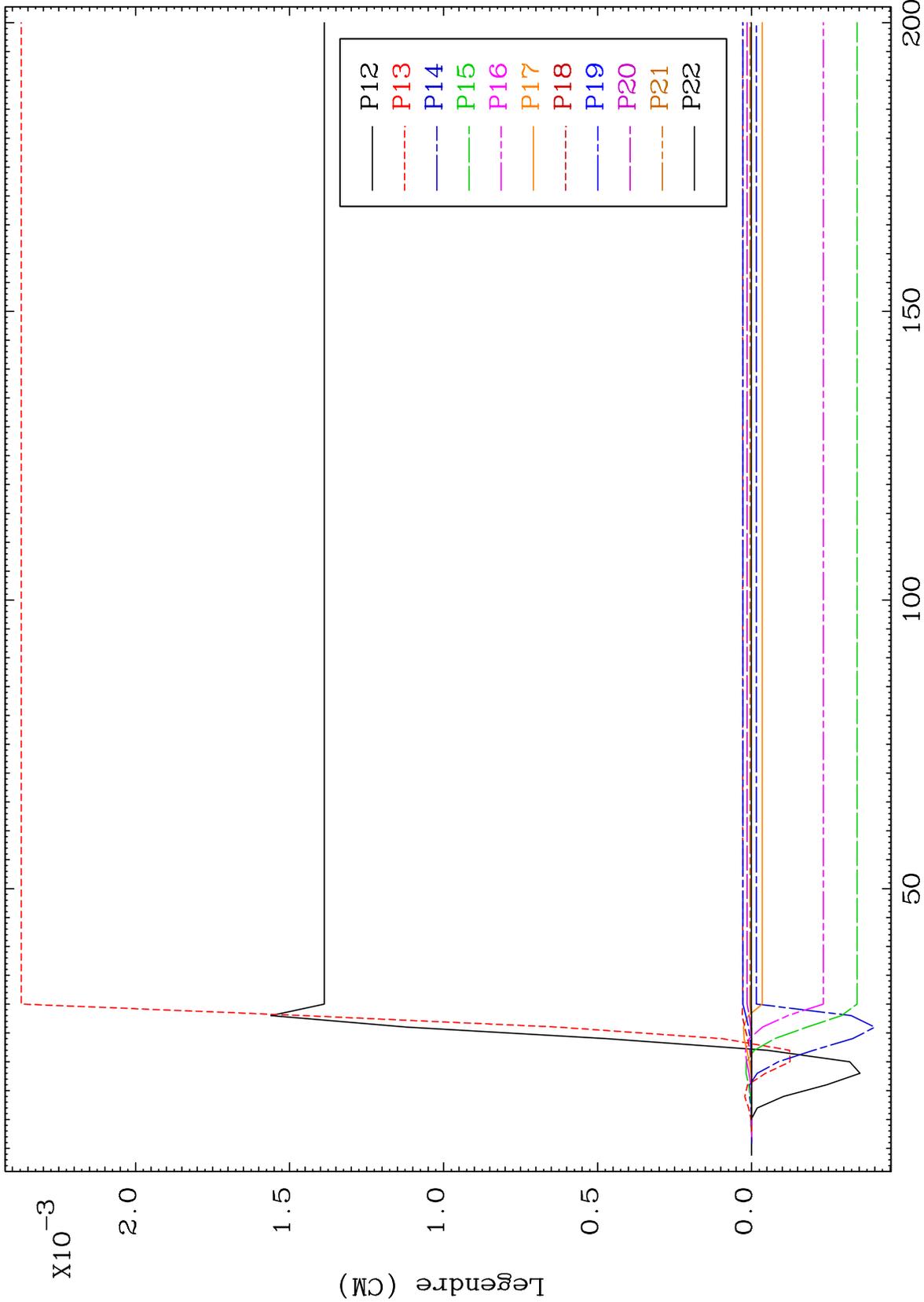
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



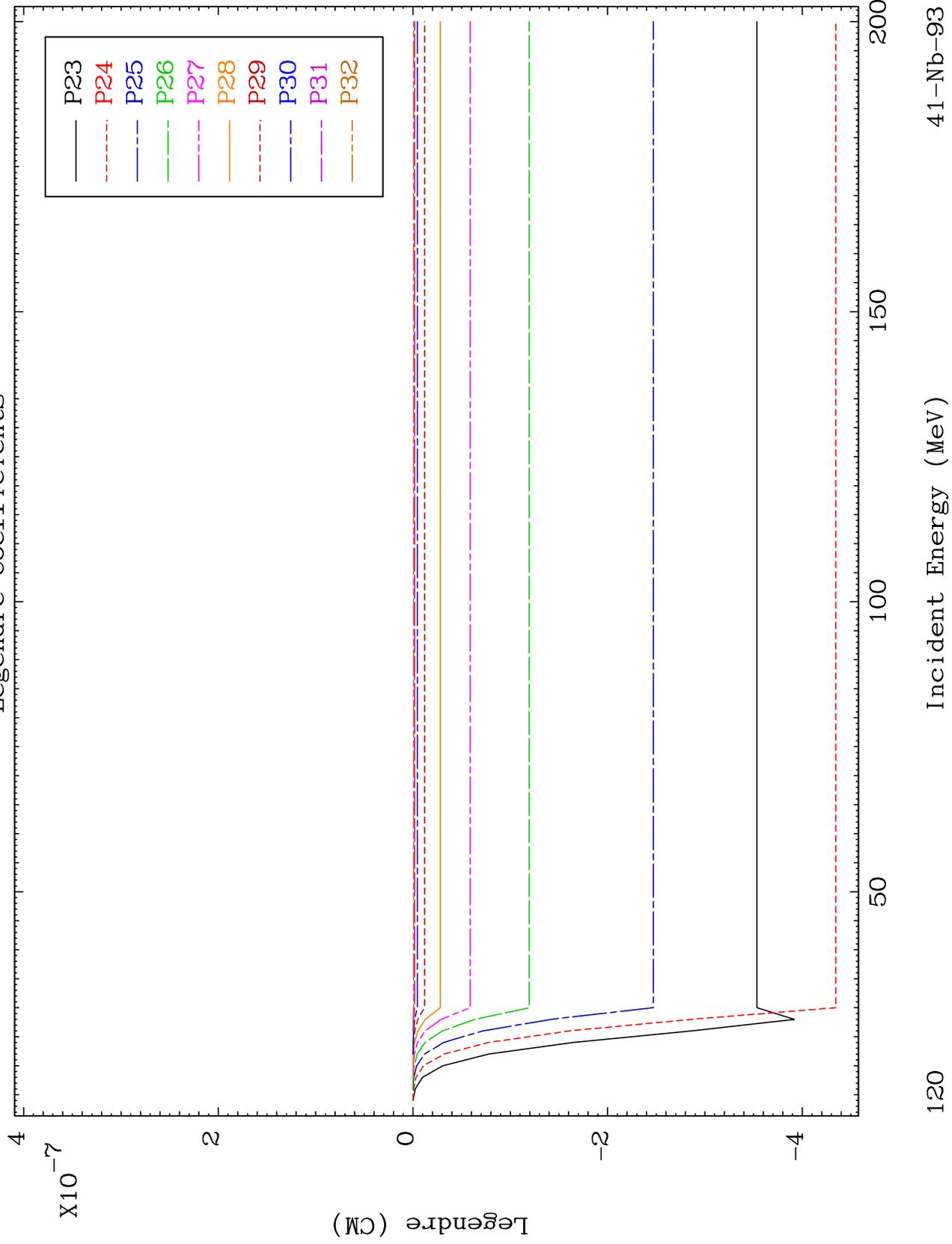
119

41-Nb-93

MAT 4125

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

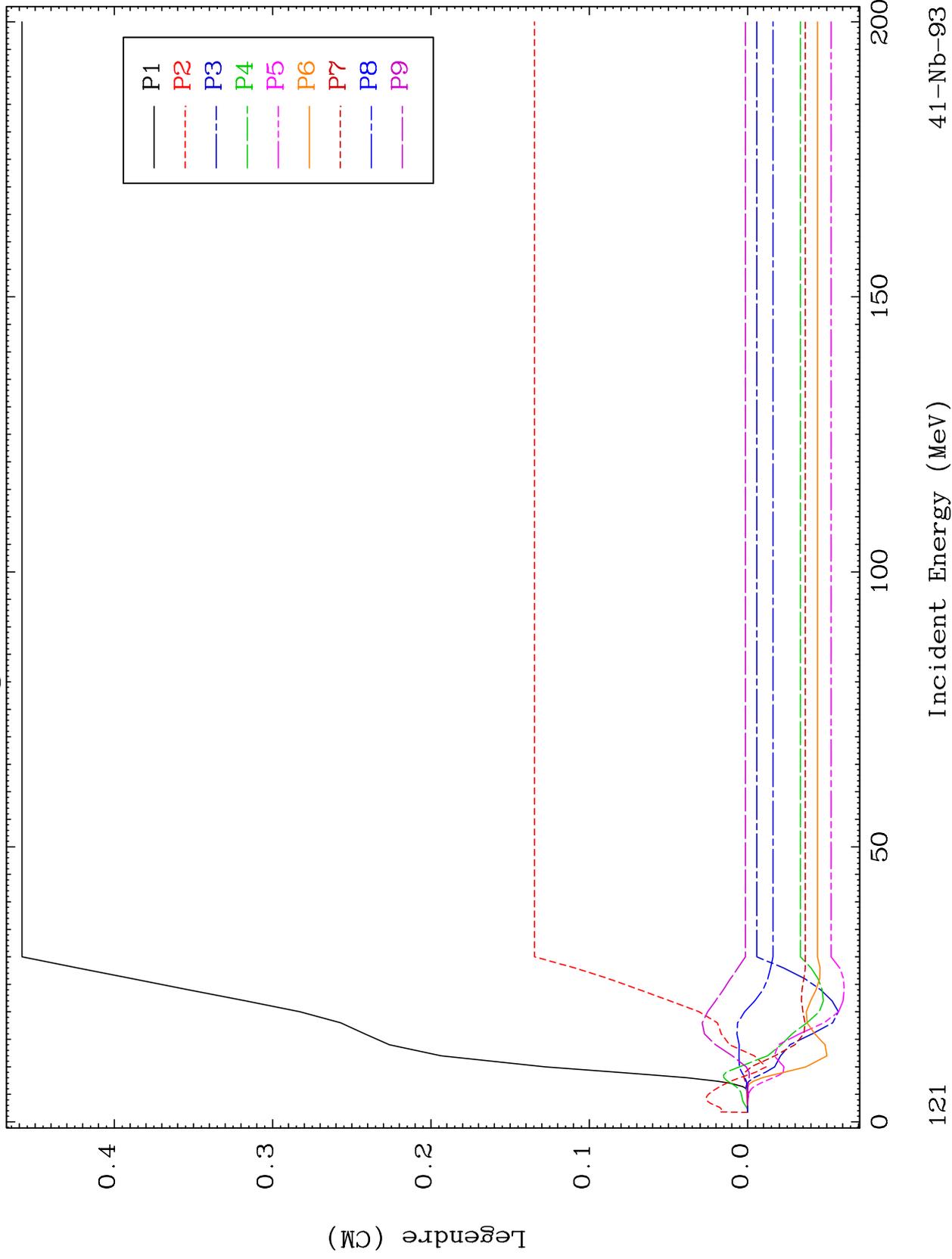
41-Nb-93



MAT 4125

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

41-Nb-93

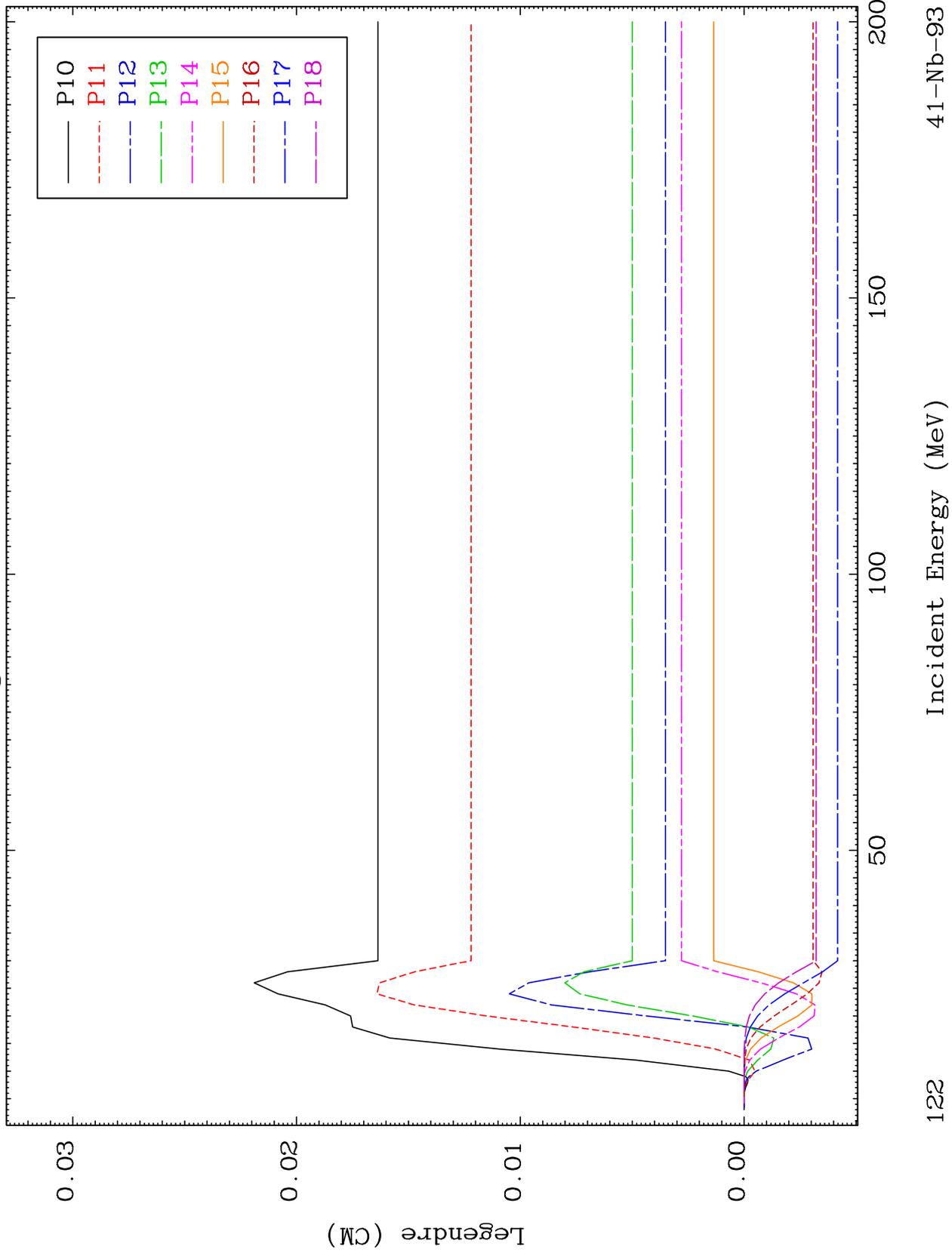


121

MAT 4125

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

41-Nb-93

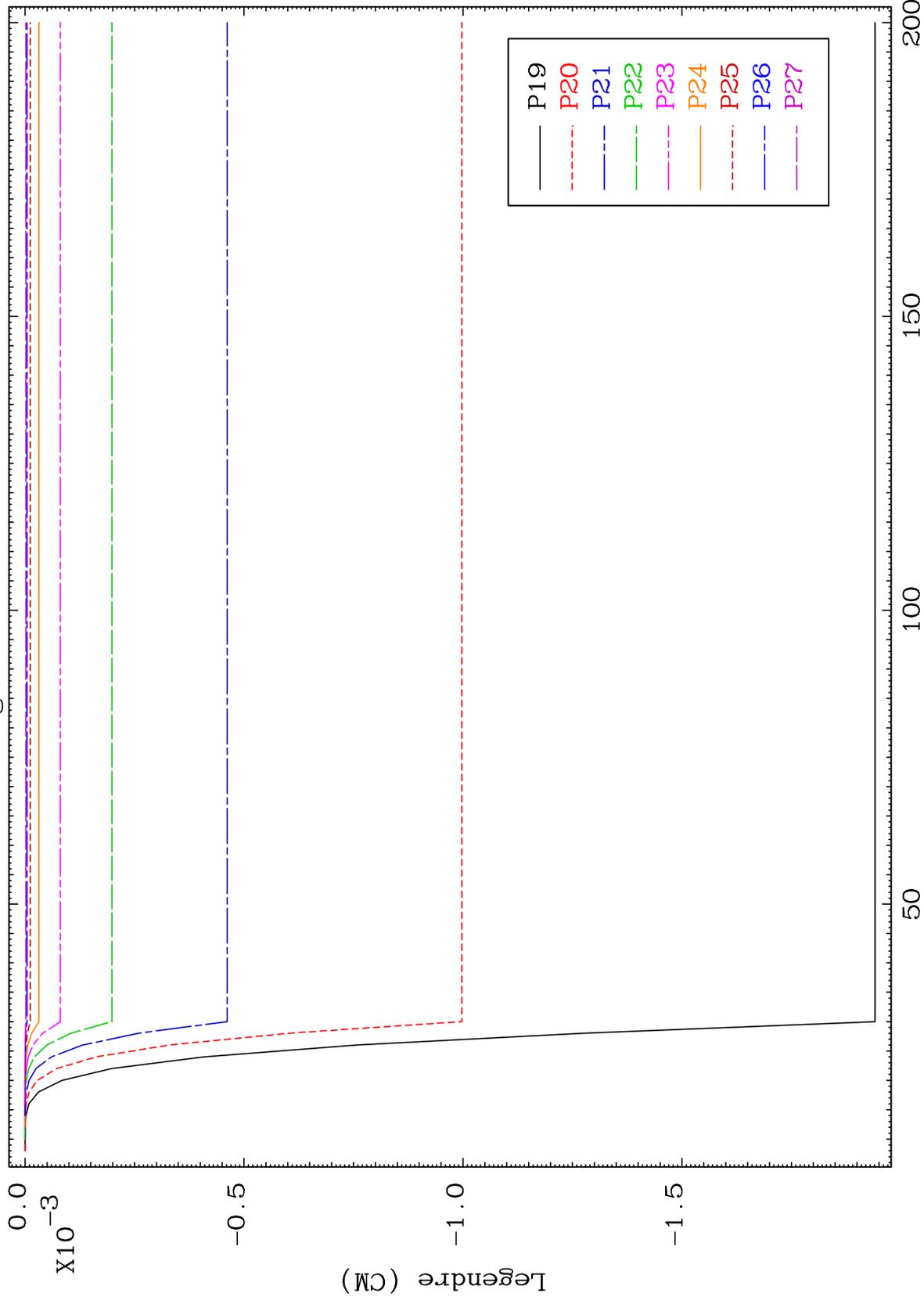


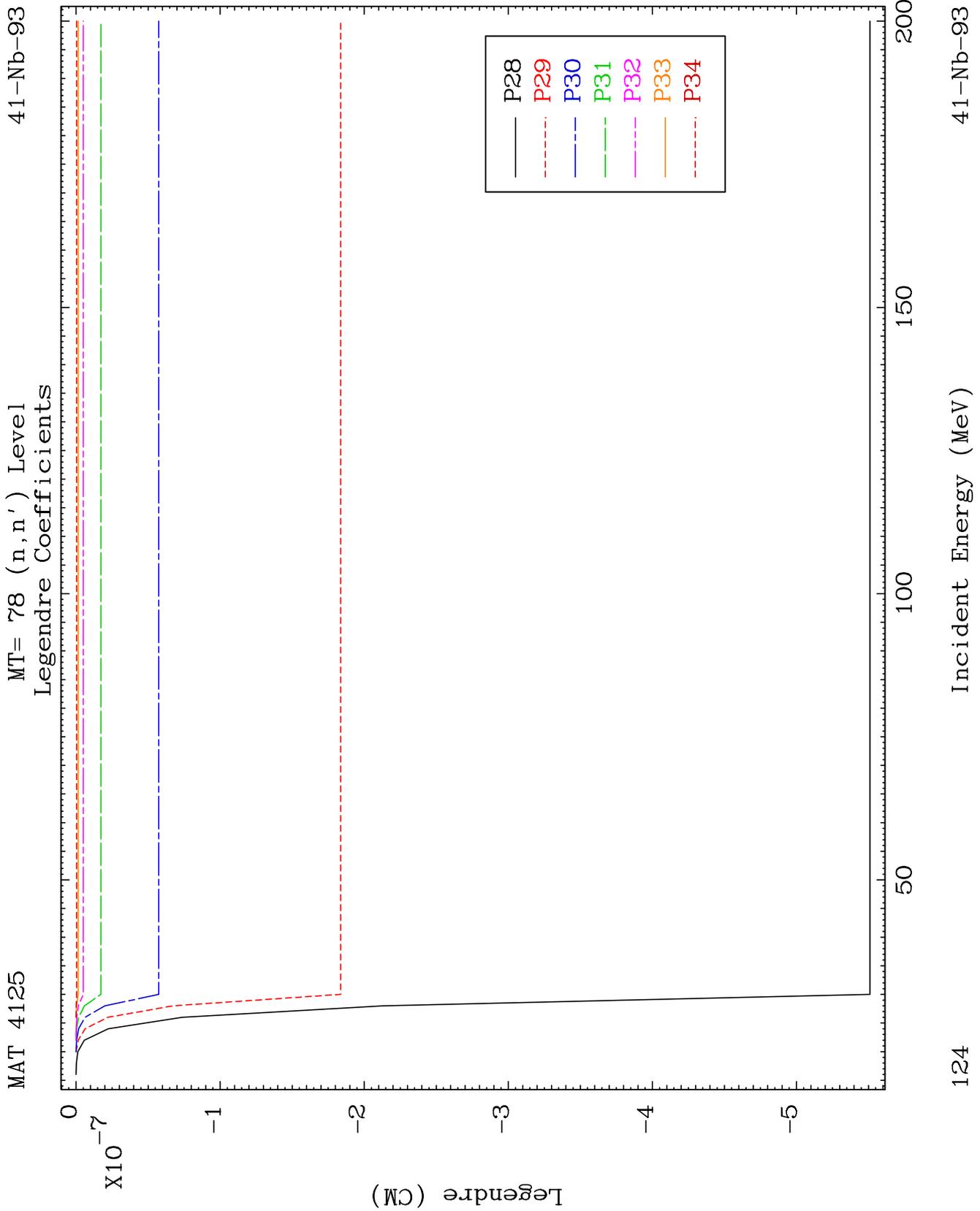
122

Incident Energy (MeV)

41-Nb-93

Legendre Coefficients

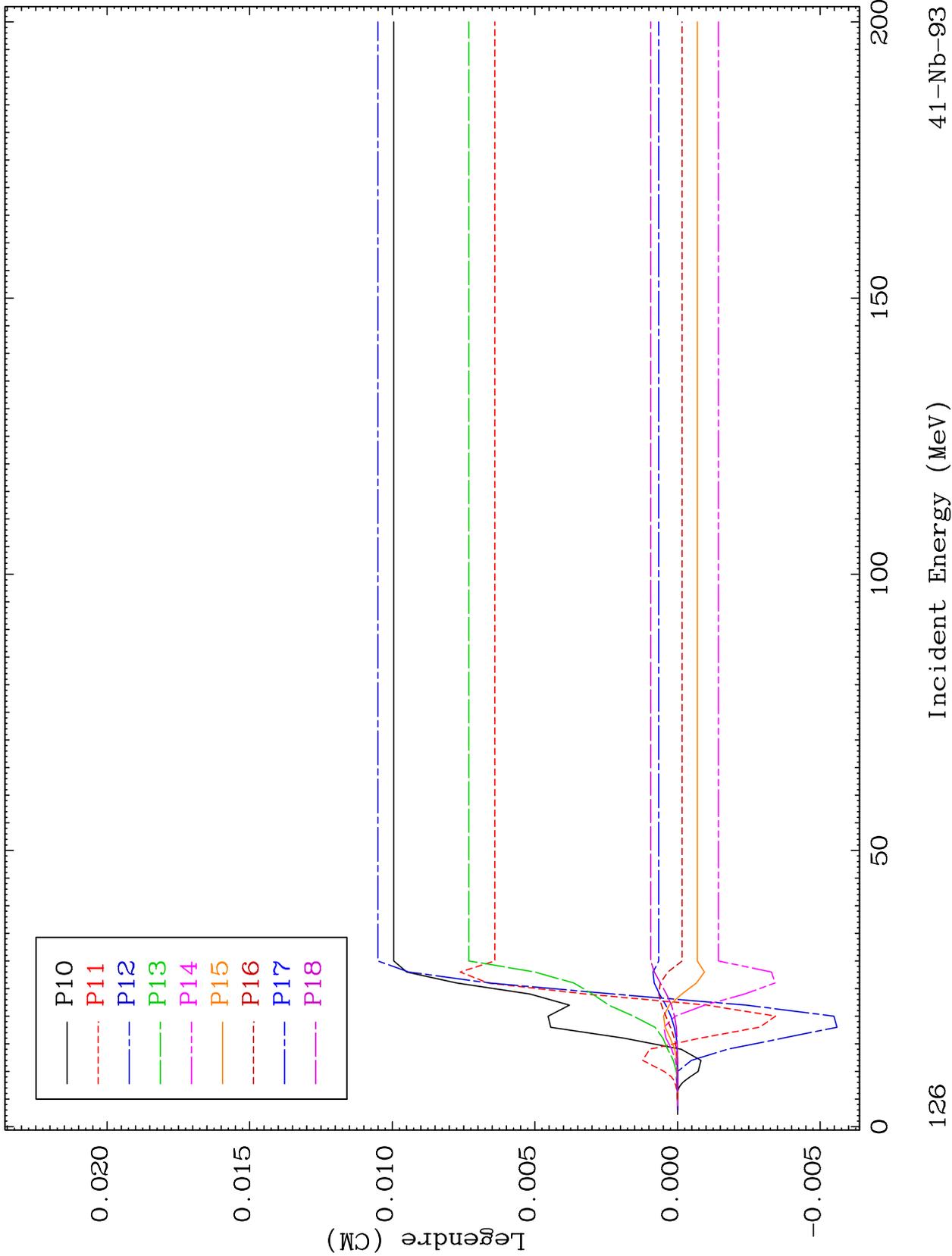




MAT 4125

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

41-Nb-93



126

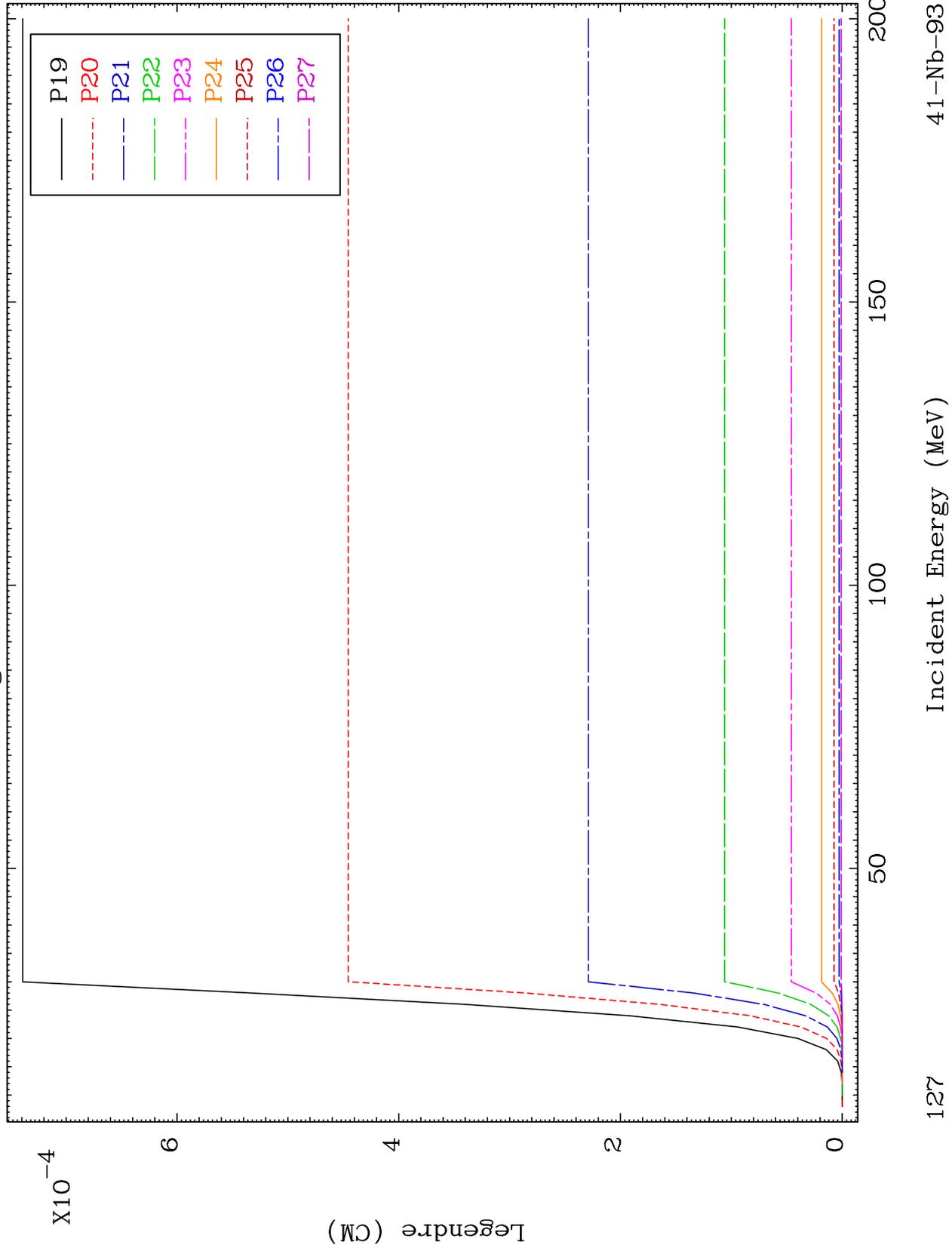
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

41-Nb-93



127

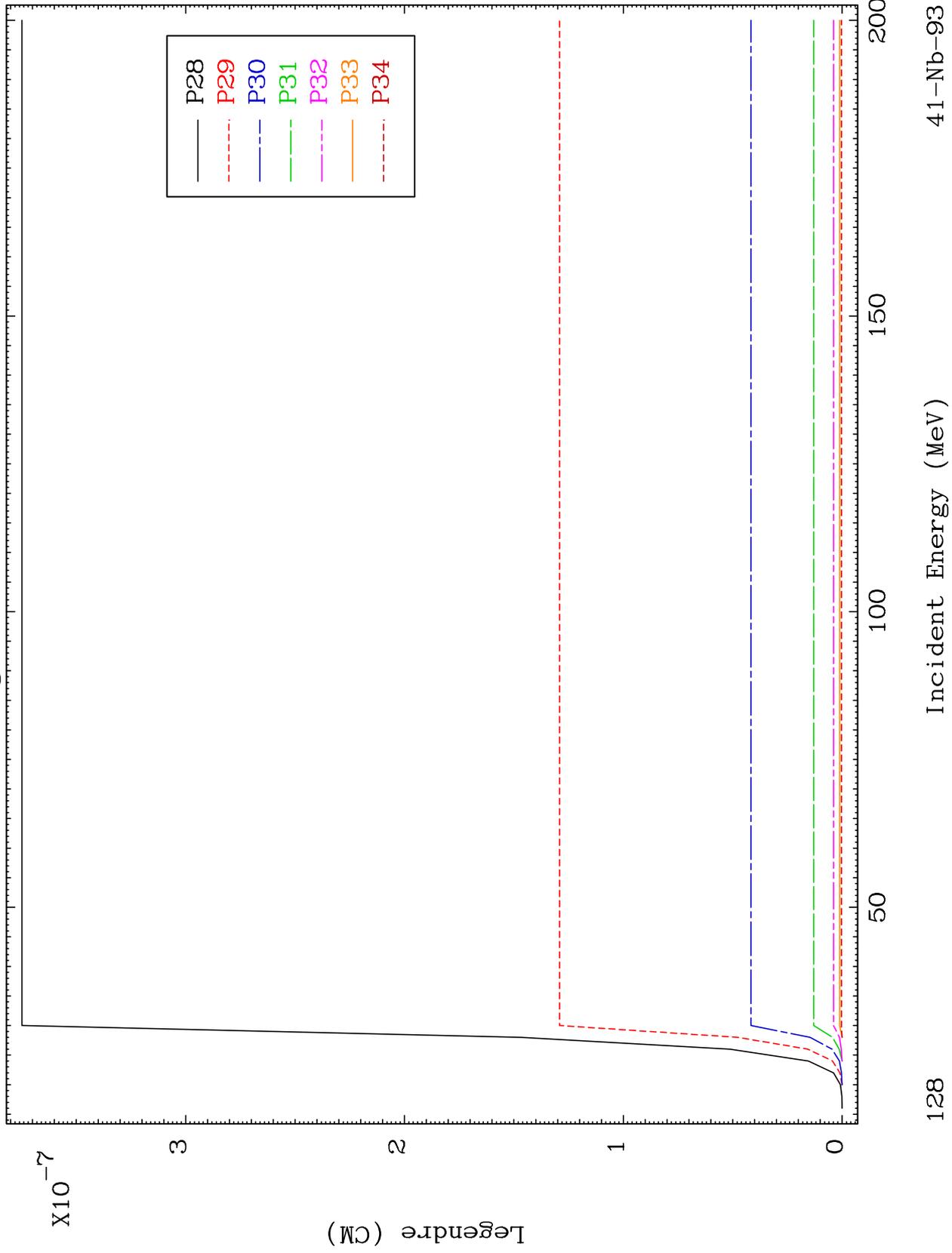
Incident Energy (MeV)

41-Nb-93

MAT 4125

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

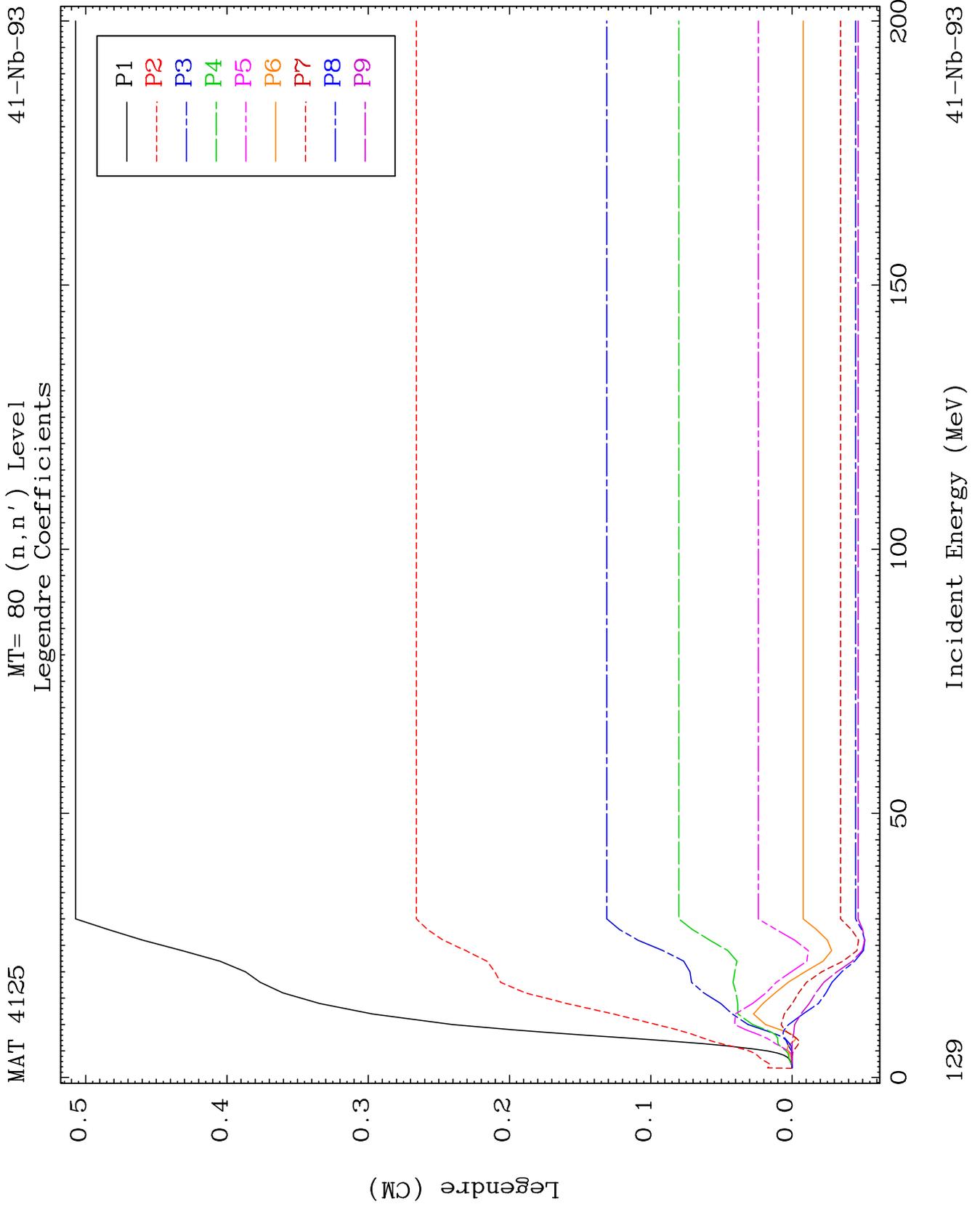
41-Nb-93



128

Incident Energy (MeV)

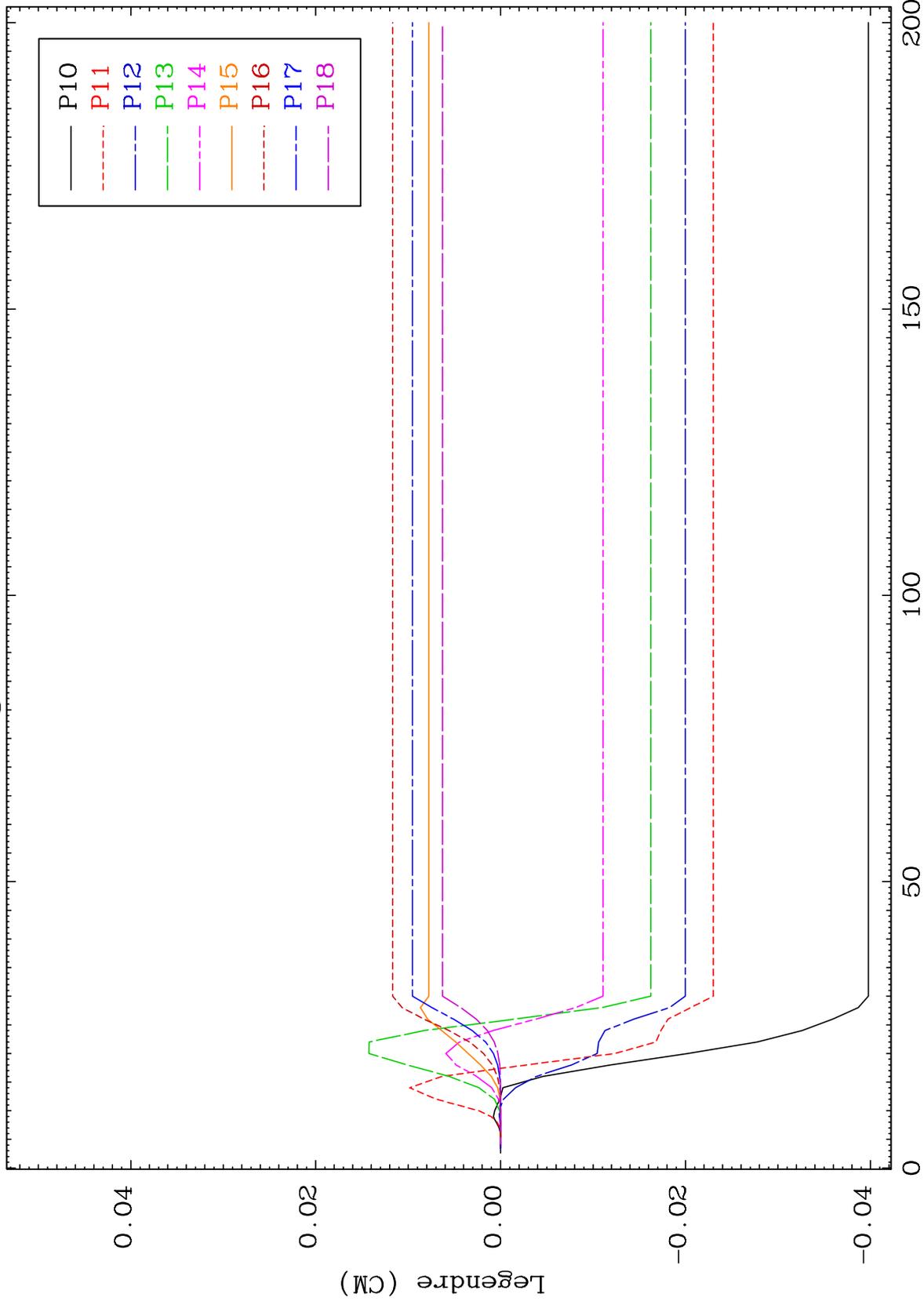
41-Nb-93



MAT 4125

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

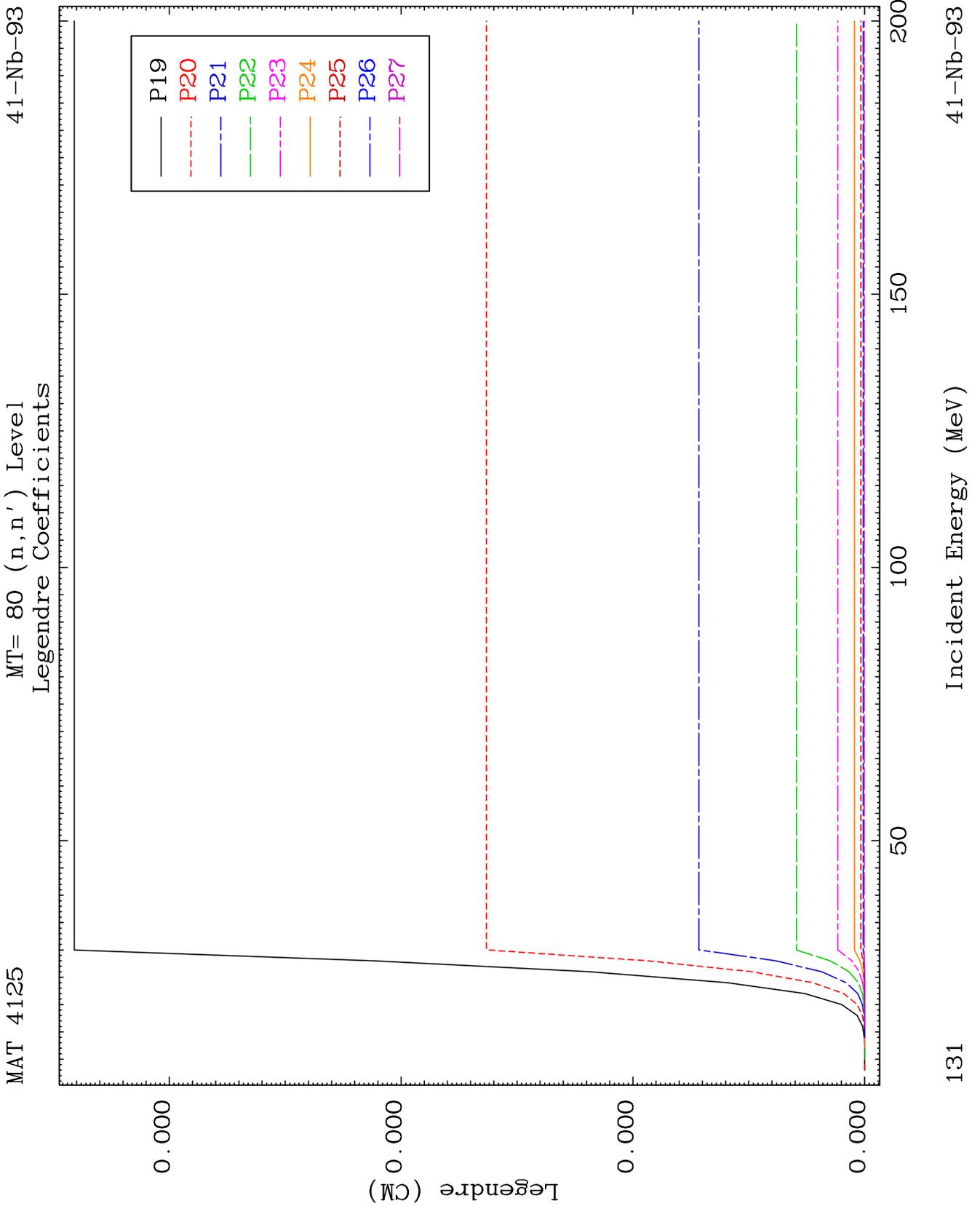
41-Nb-93



130

Incident Energy (MeV)

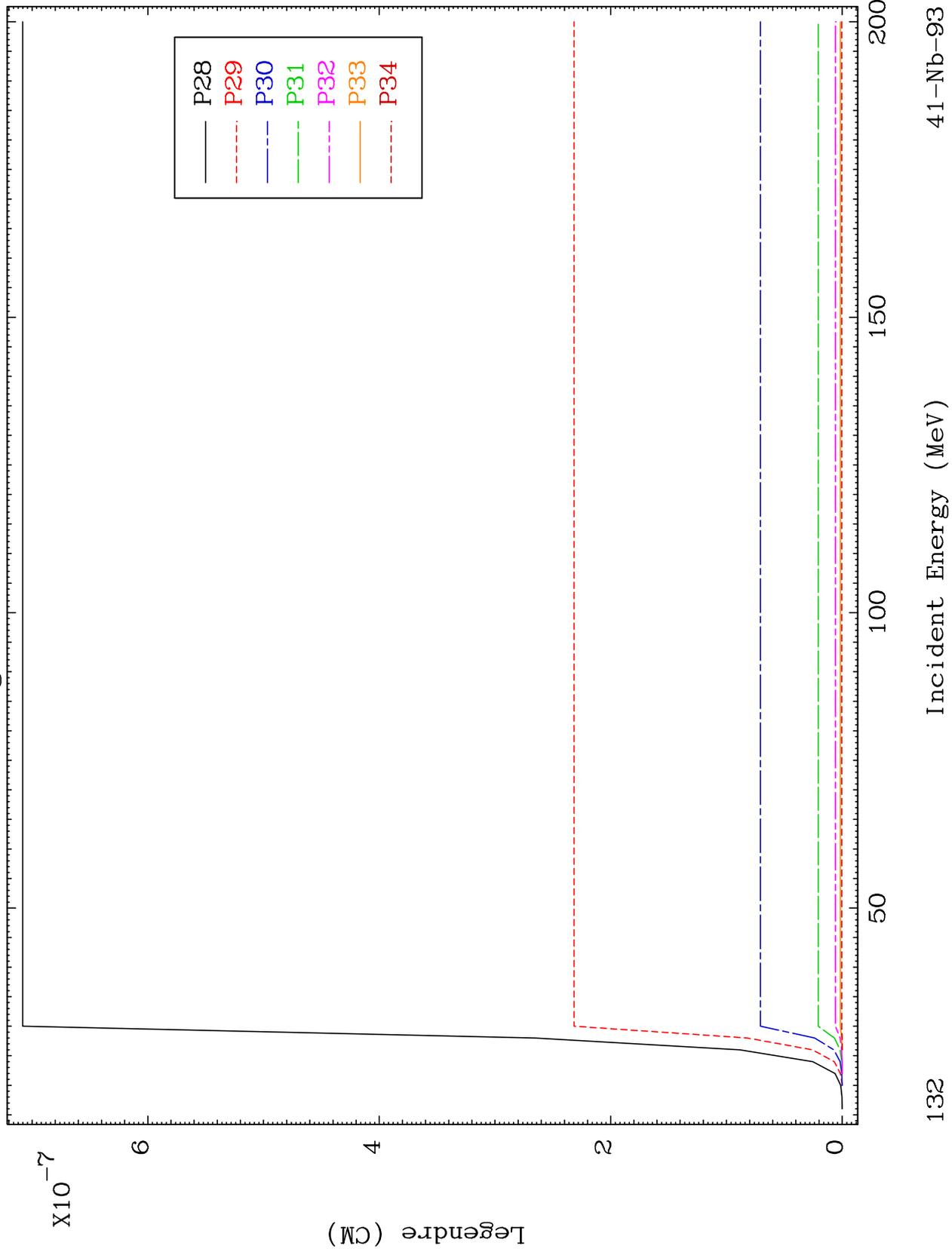
41-Nb-93



MAT 4125

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

41-Nb-93

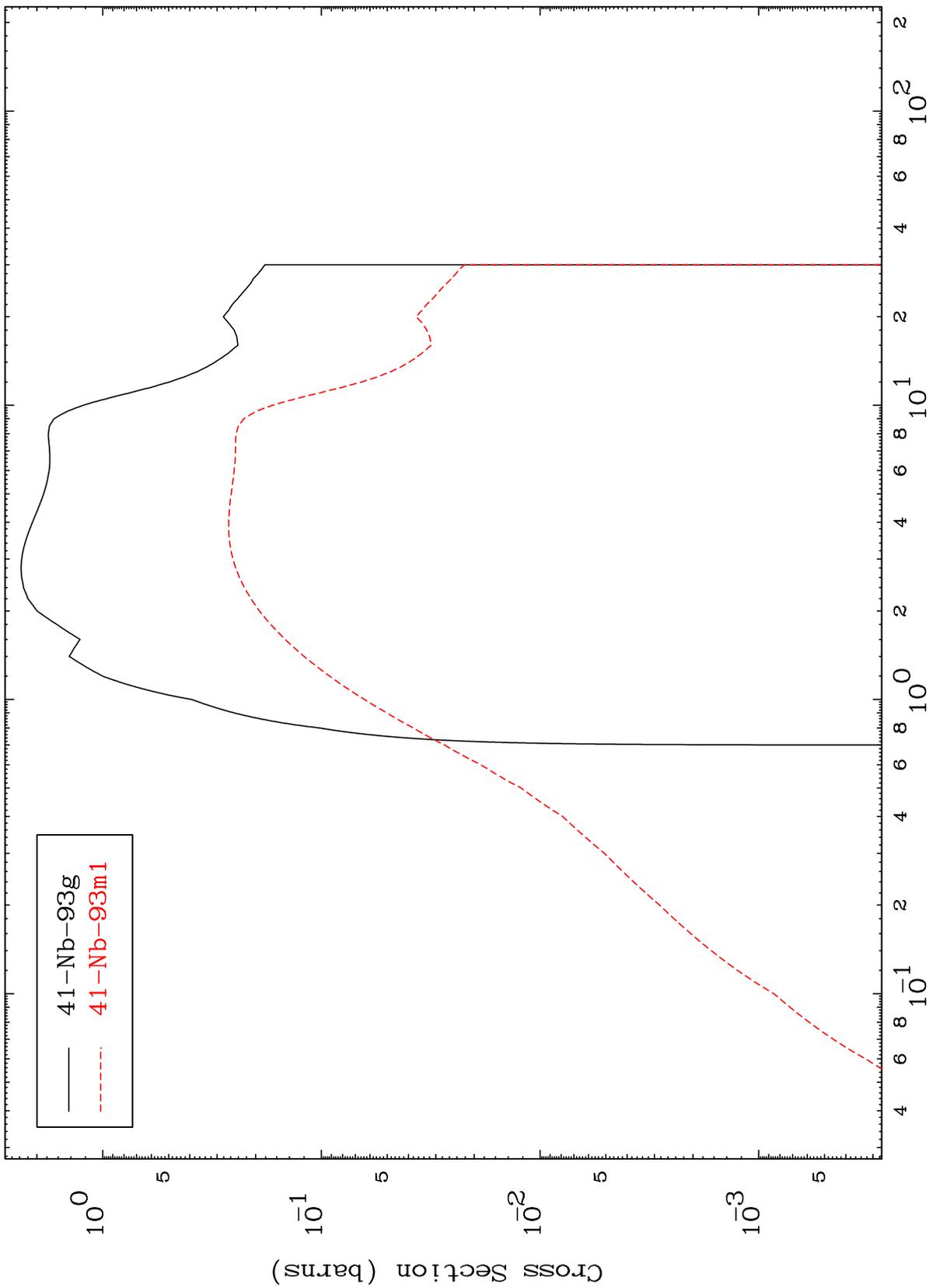


132

MAT 4125

41-Nb-93

Radionuclide Production Cross Section



133

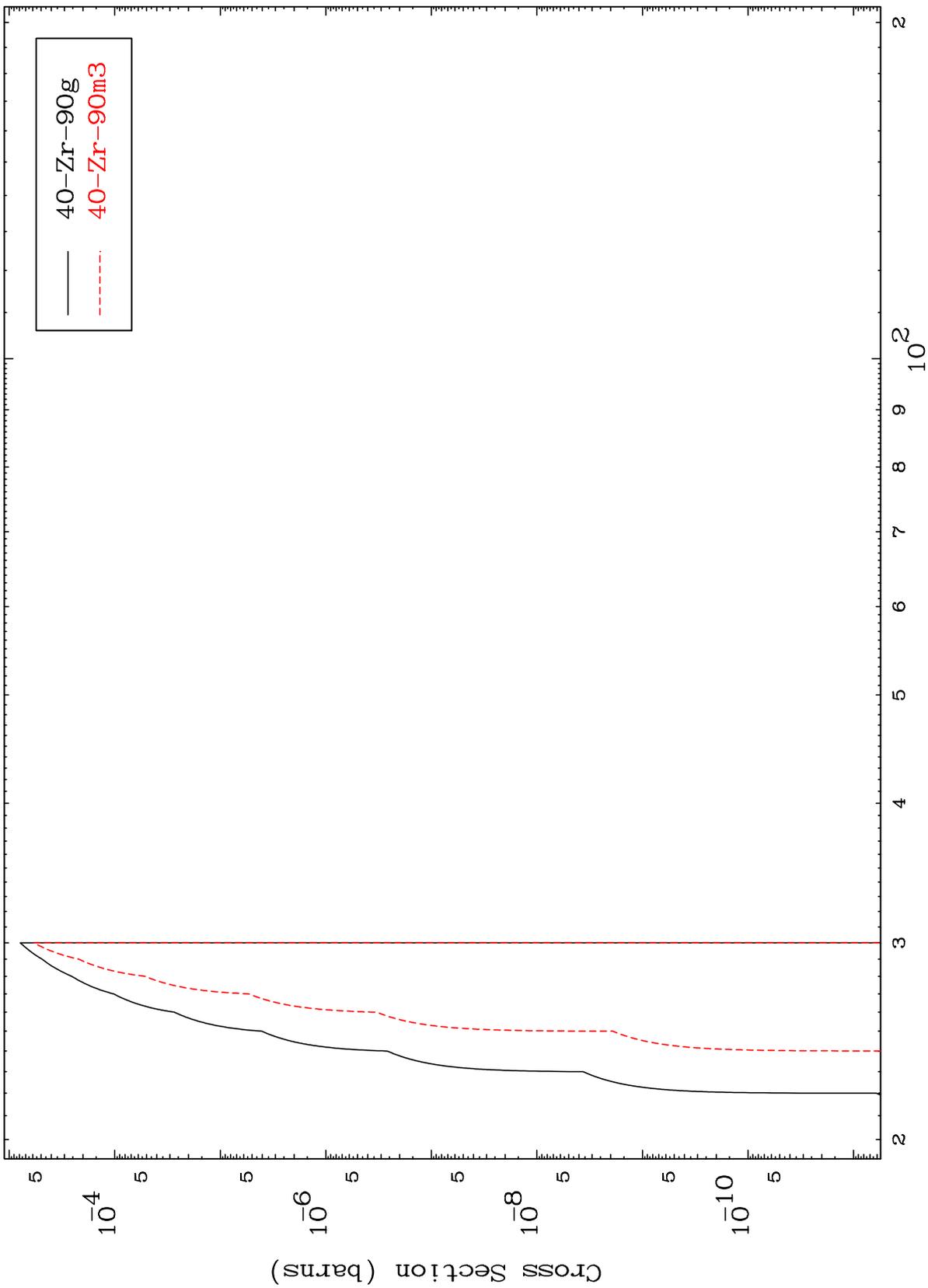
41-Nb-93

MAT 4125

(n,2n) d

41-Nb-93

Radionuclide Production Cross Section



134

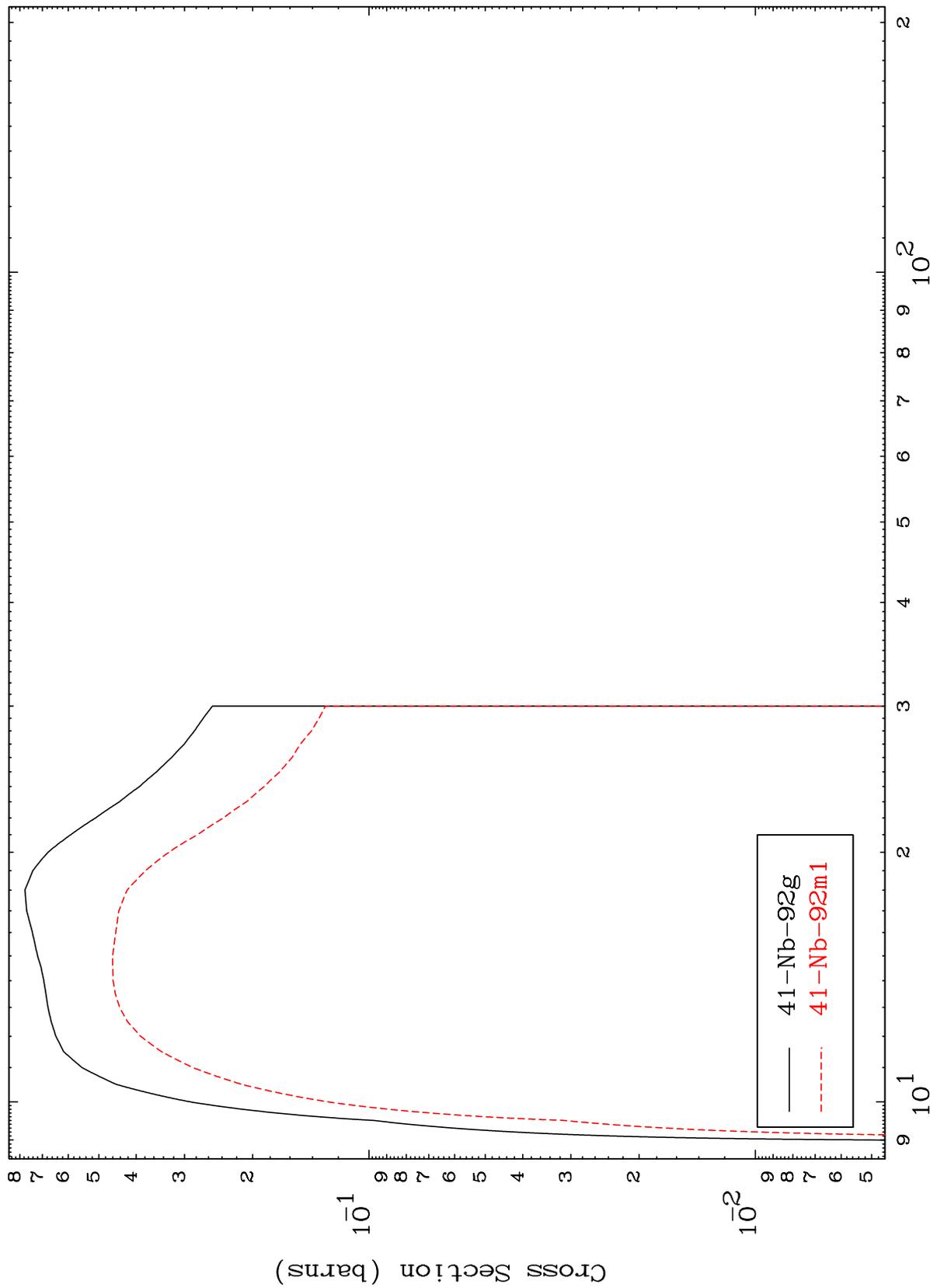
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

Radionuclide Production Cross Section

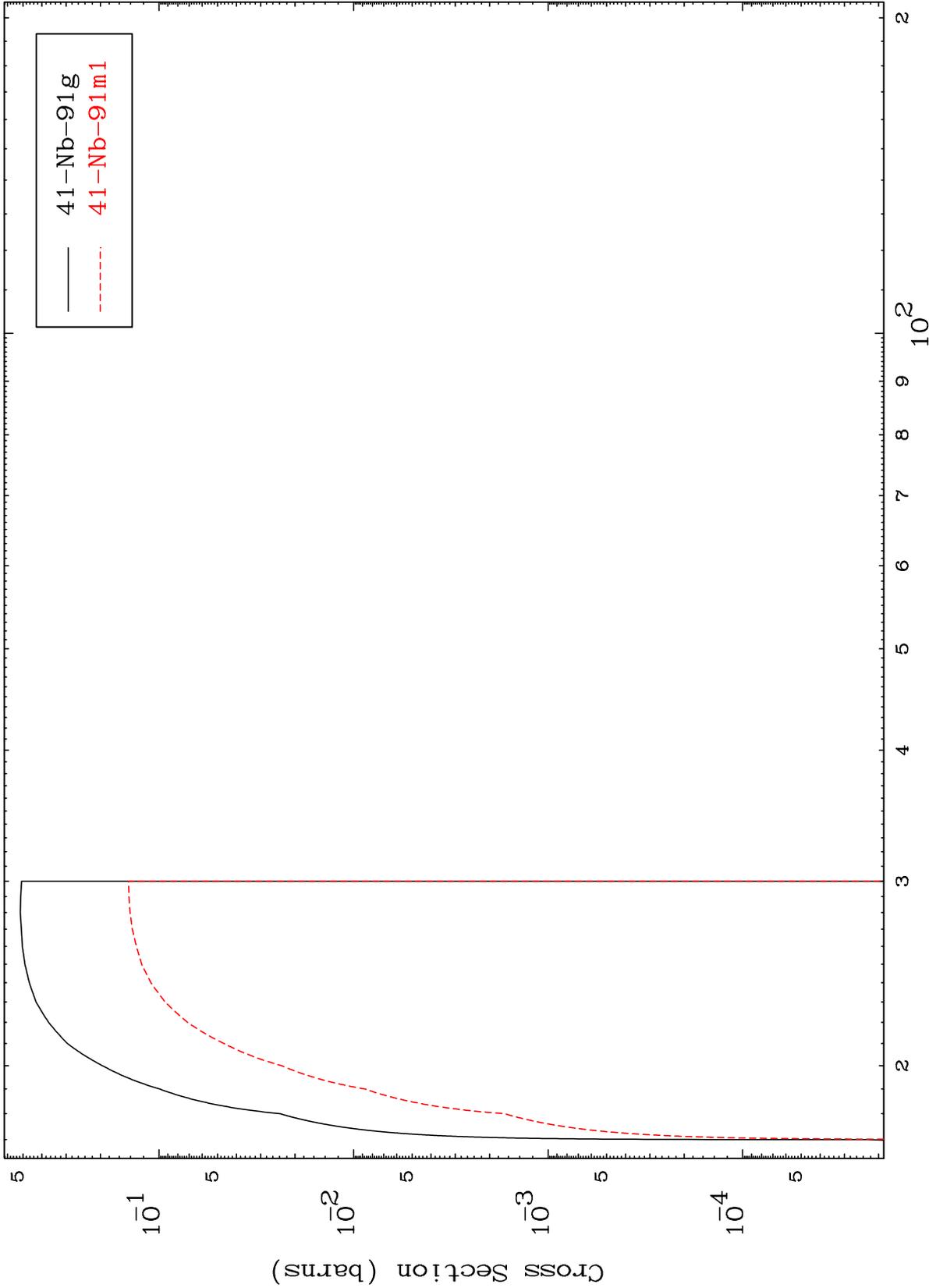


Incident Energy (MeV)

41-Nb-93

135

Radionuclide Production Cross Section

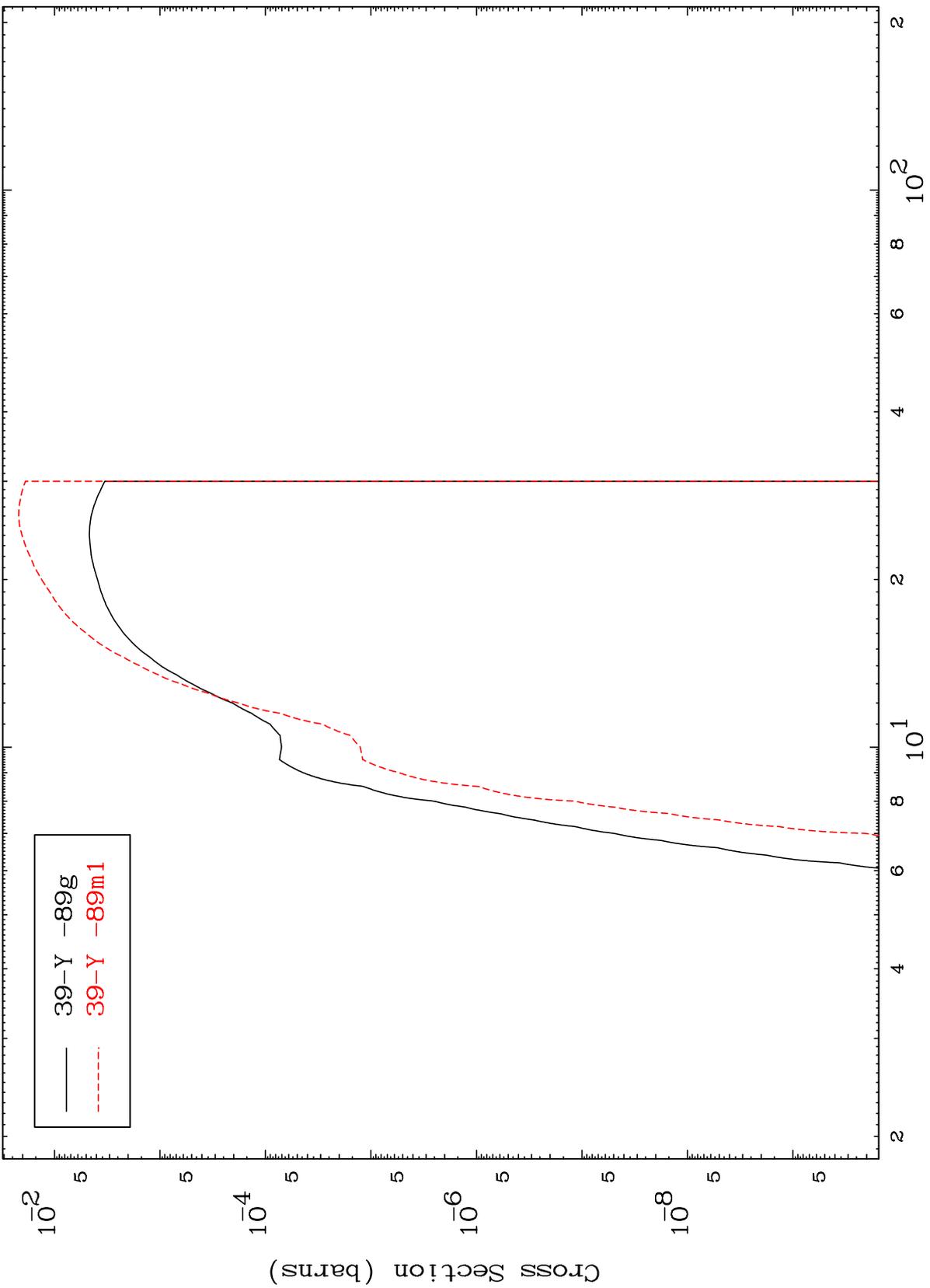


MAT 4125

(n,n') α

41-Nb-93

Radionuclide Production Cross Section



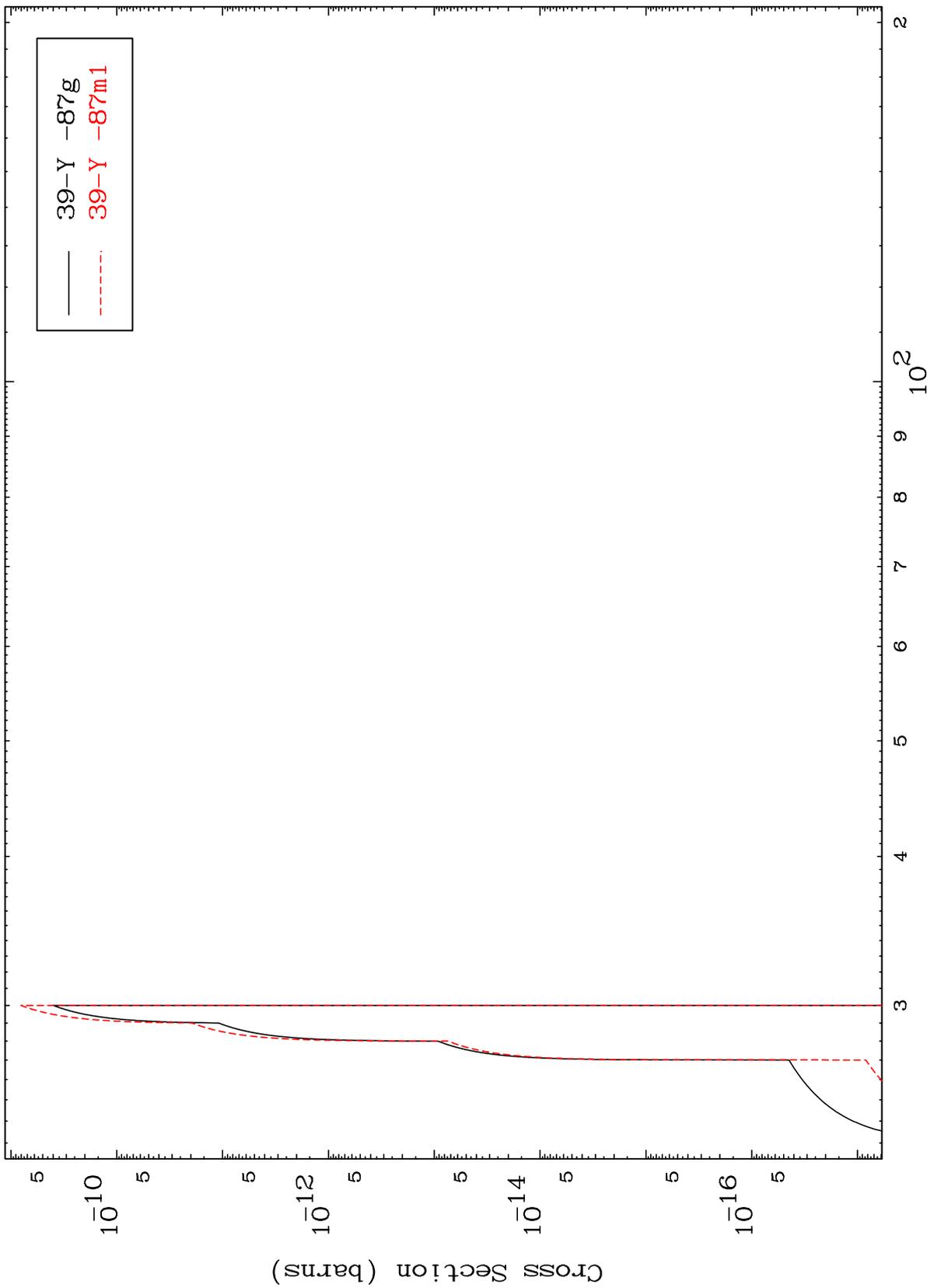
— 39-Y -89g
- - - 39-Y -89m1

137

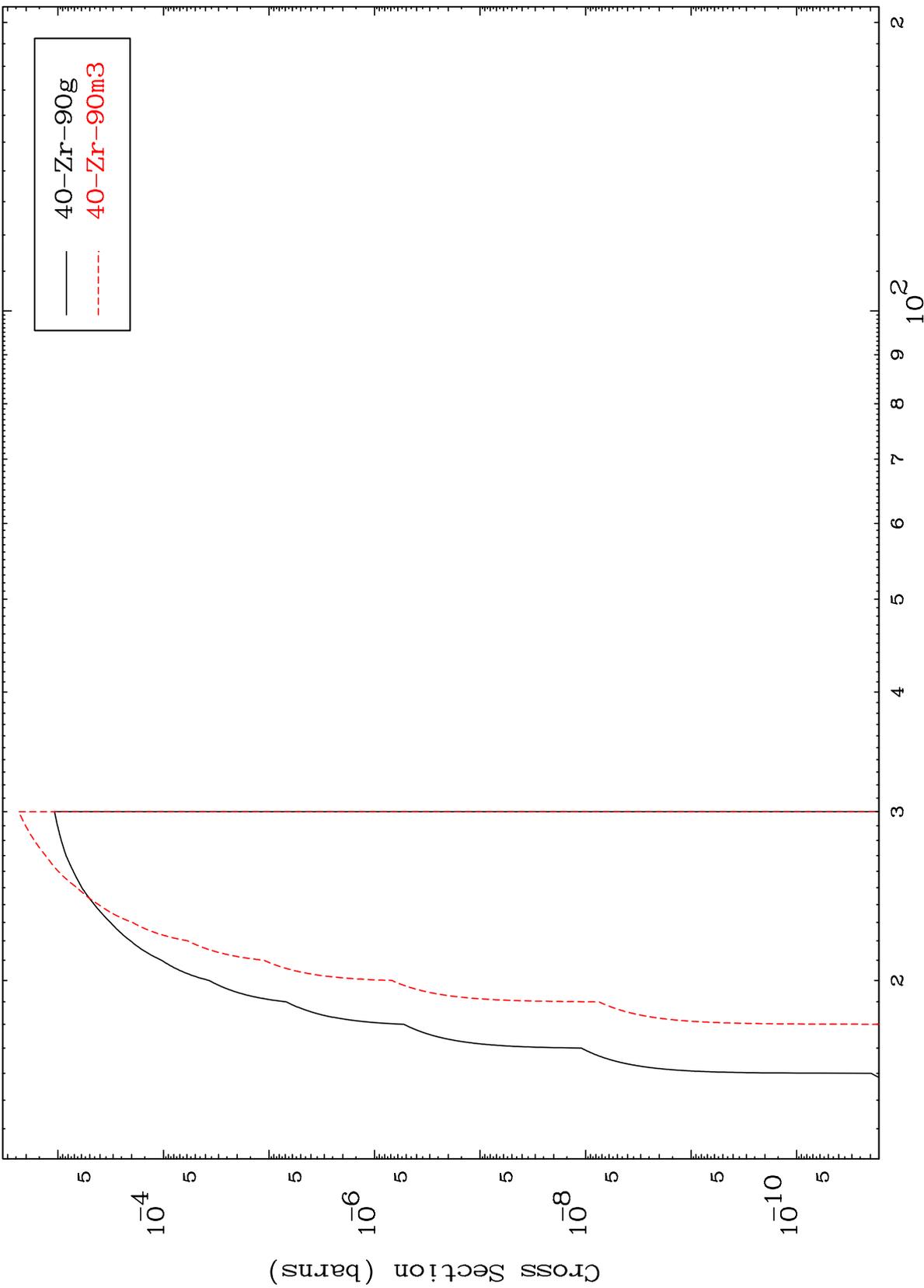
Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

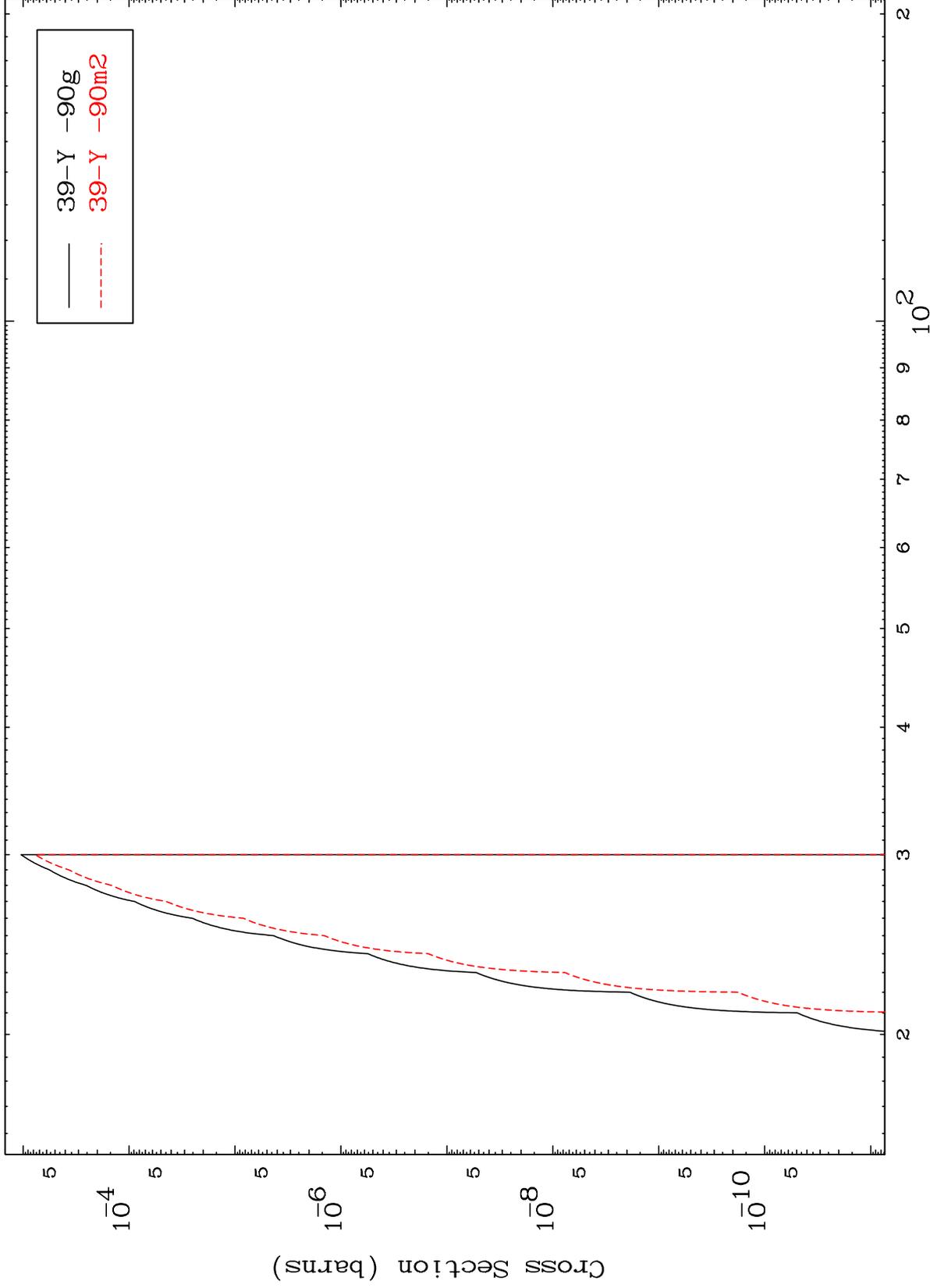


MAT 4125

(n,n') He-3

41-Nb-93

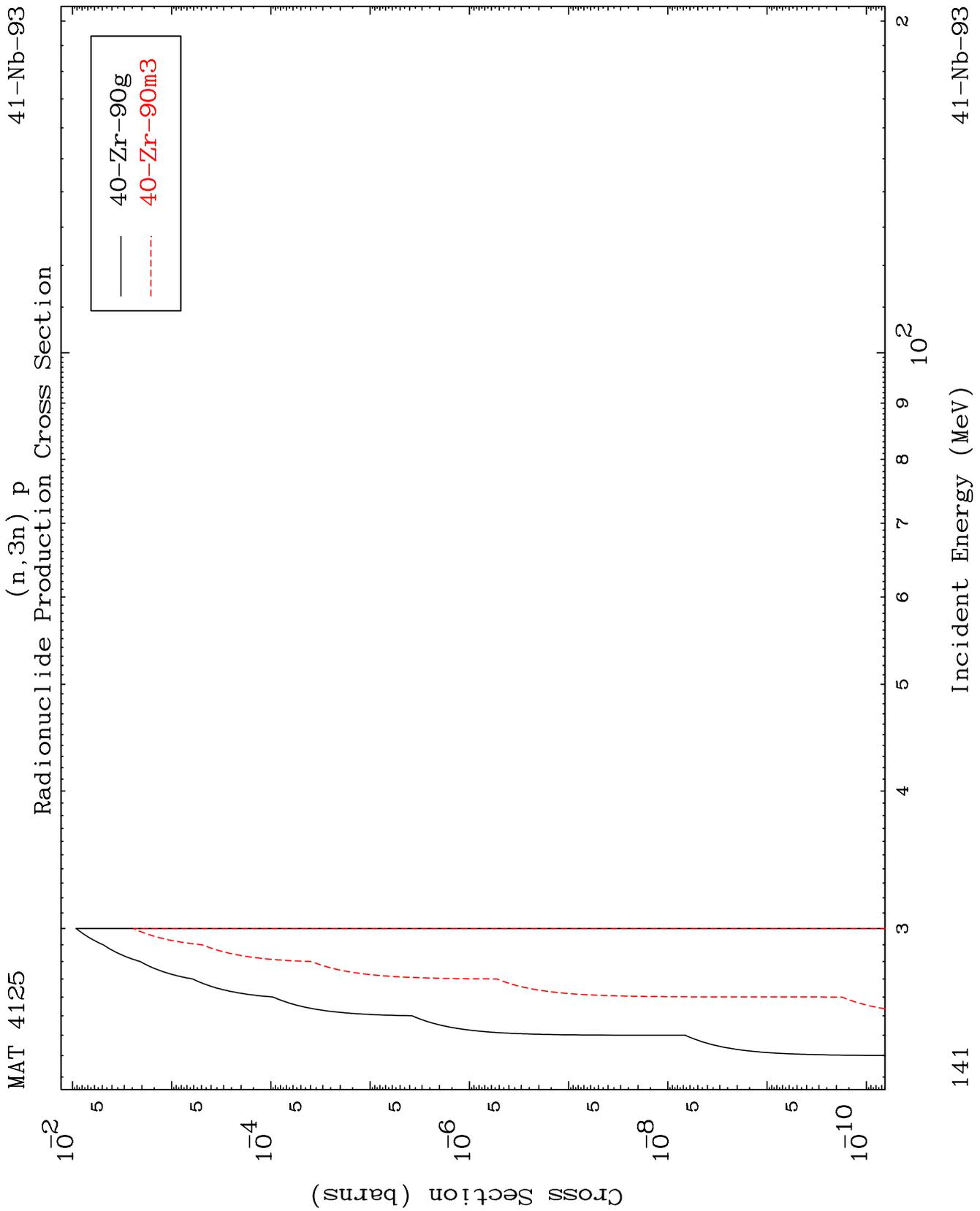
Radionuclide Production Cross Section



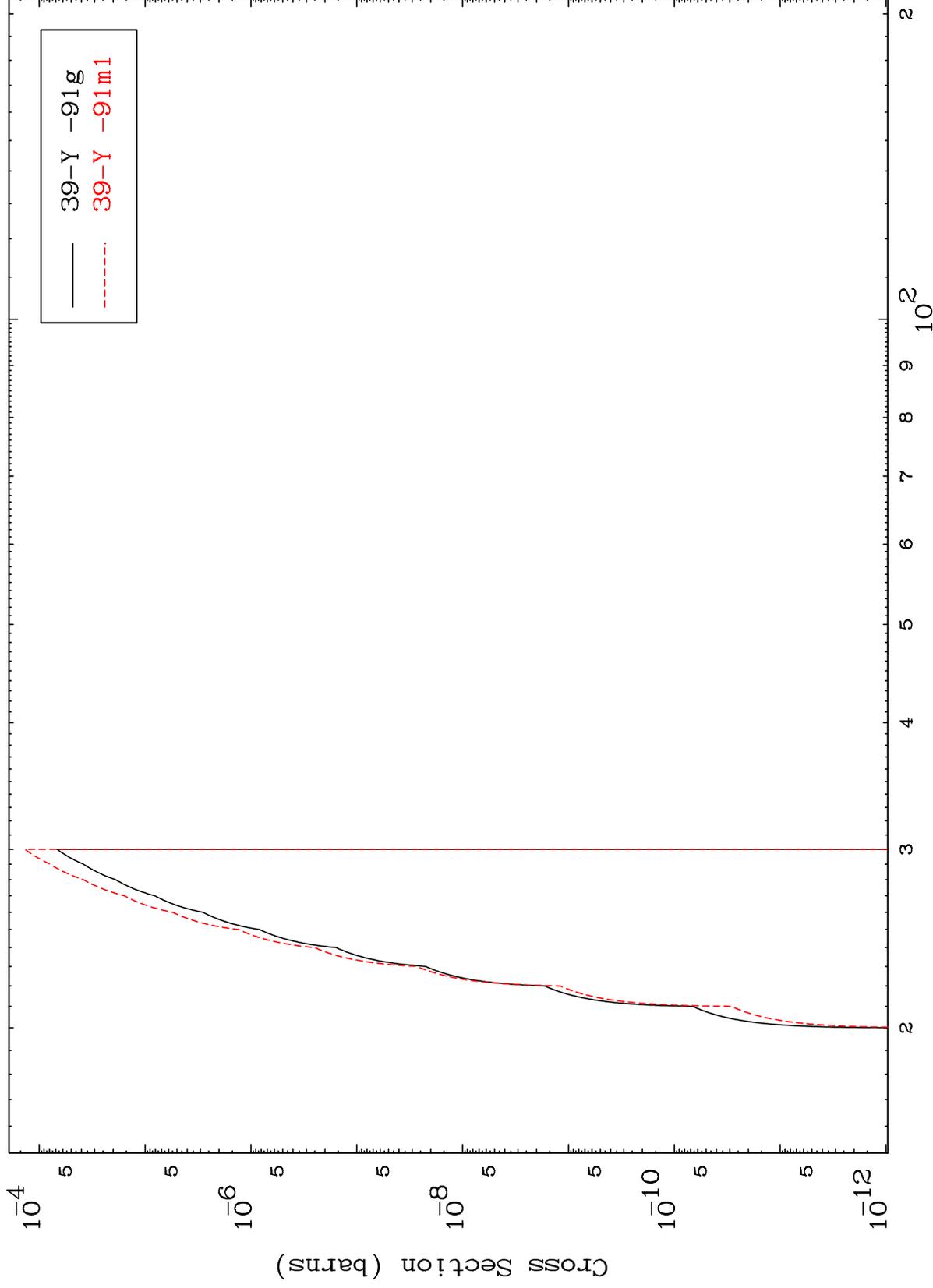
140

Incident Energy (MeV)

41-Nb-93



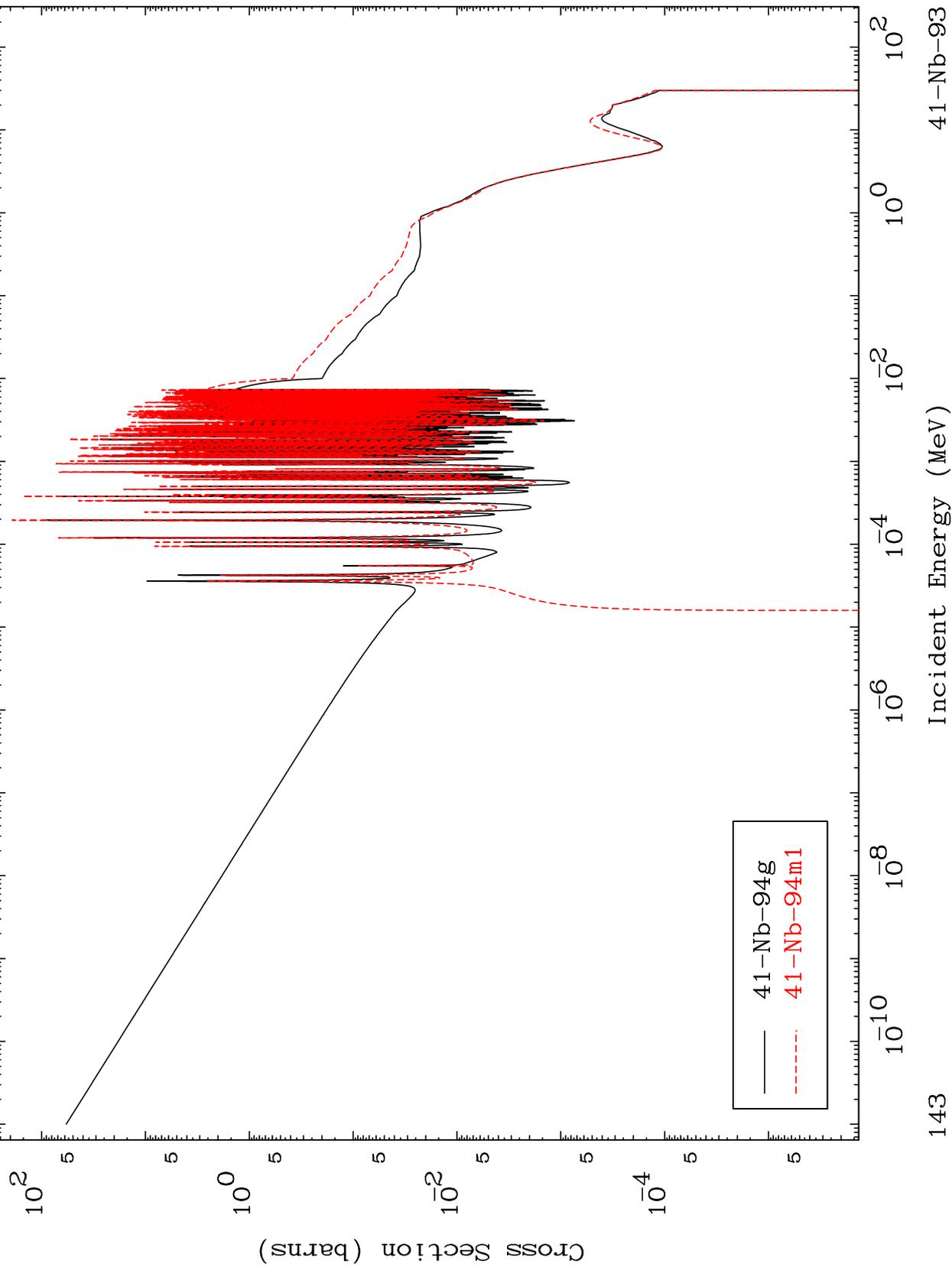
Radionuclide Production Cross Section



MAT 4125

41-Nb-93

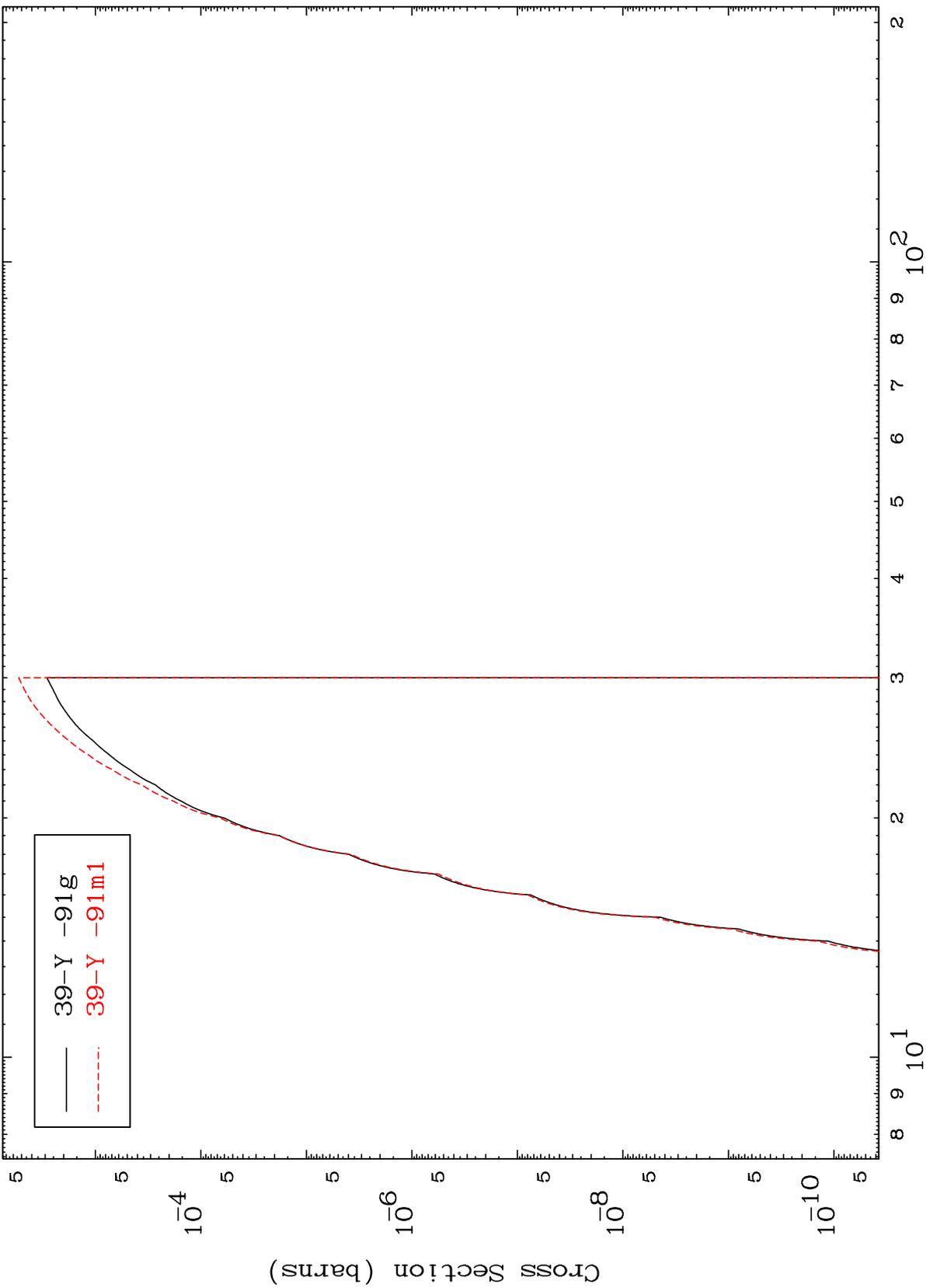
(n, γ)
Radionuclide Production Cross Section



MAT 4125

41-Nb-93

Radionuclide Production Cross Section
(n,He-3)



144

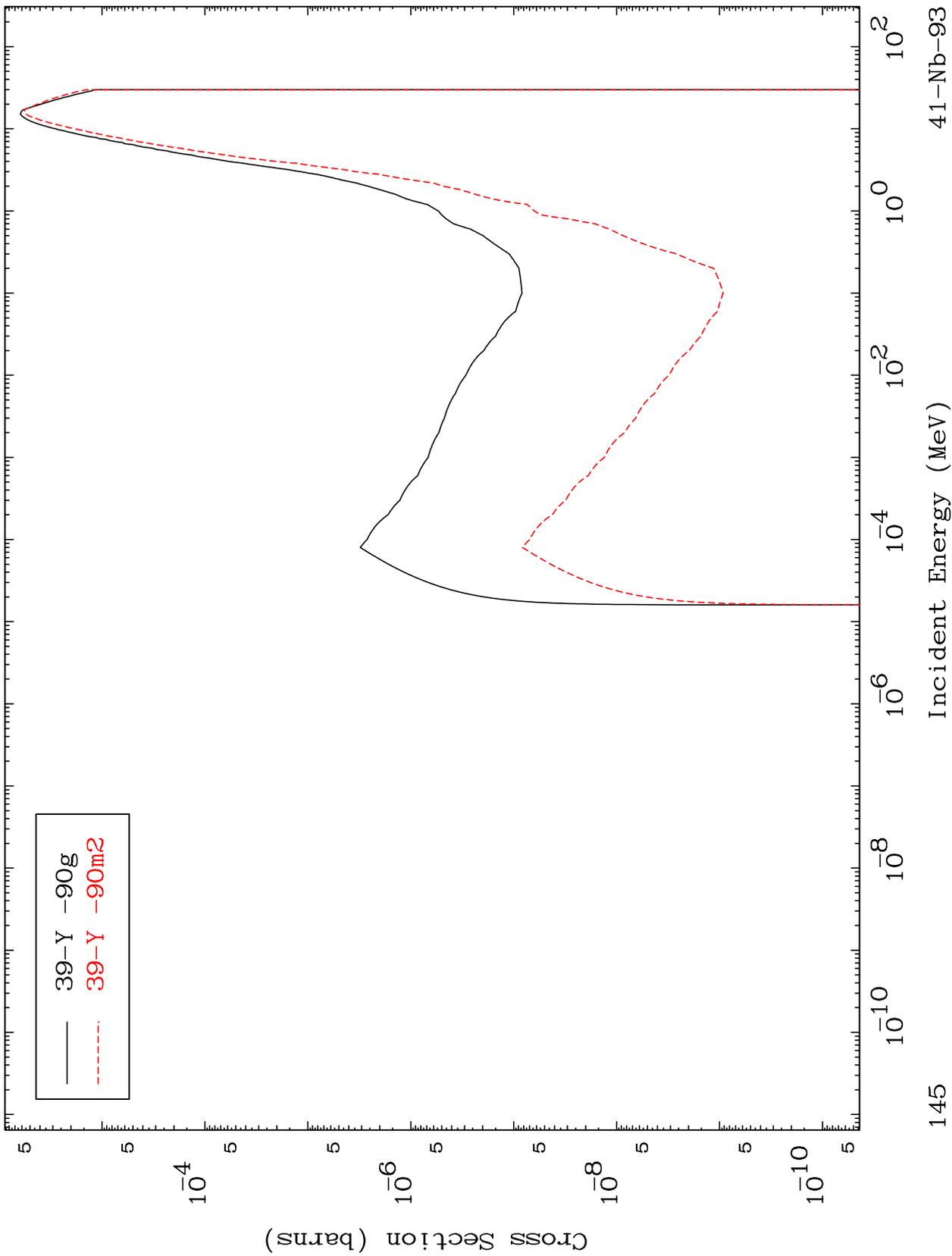
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

(n, α)
Radionuclide Production Cross Section

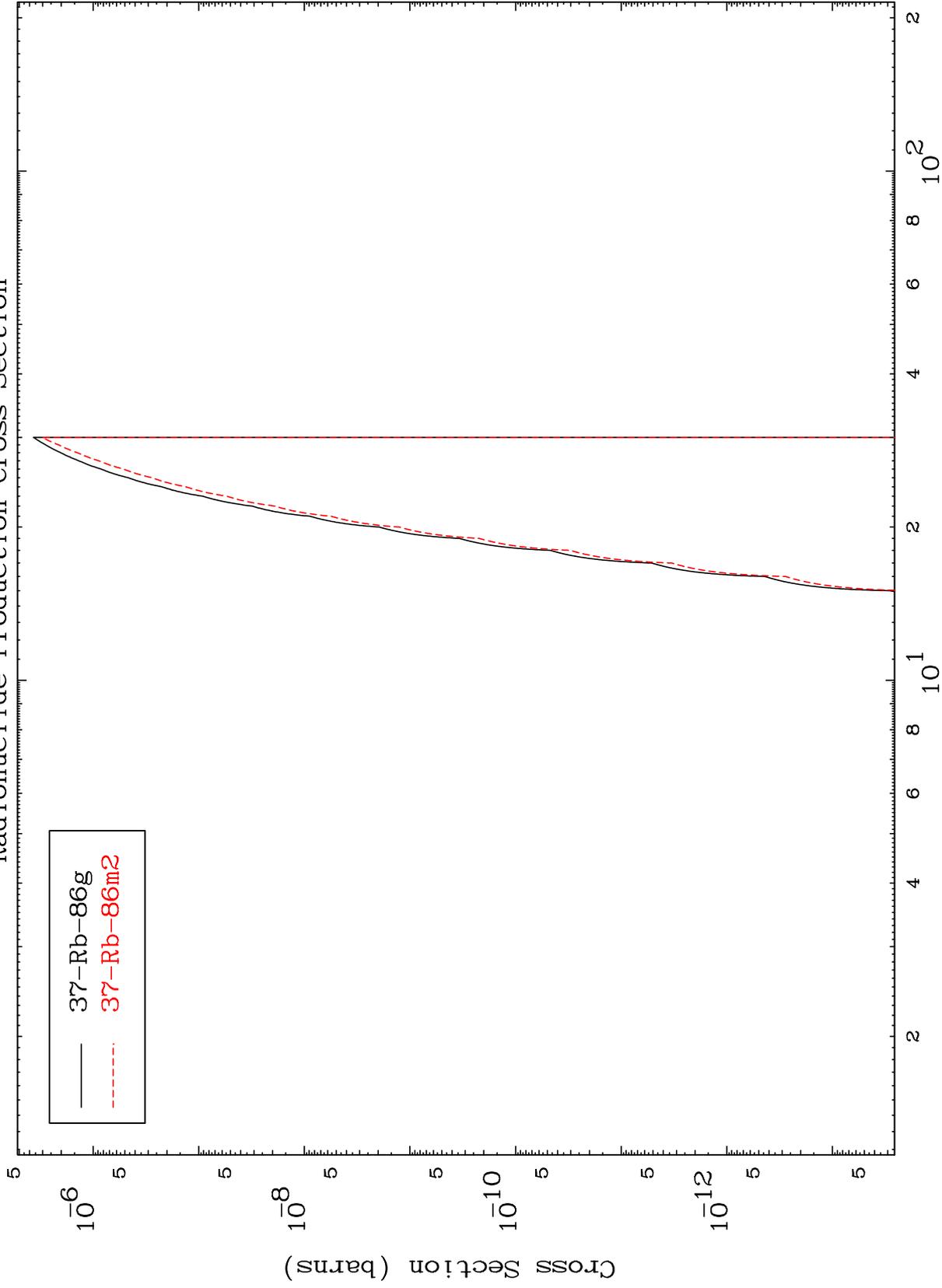


MAT 4125

(n,2α)

41-Nb-93

Radionuclide Production Cross Section



146

Incident Energy (MeV)

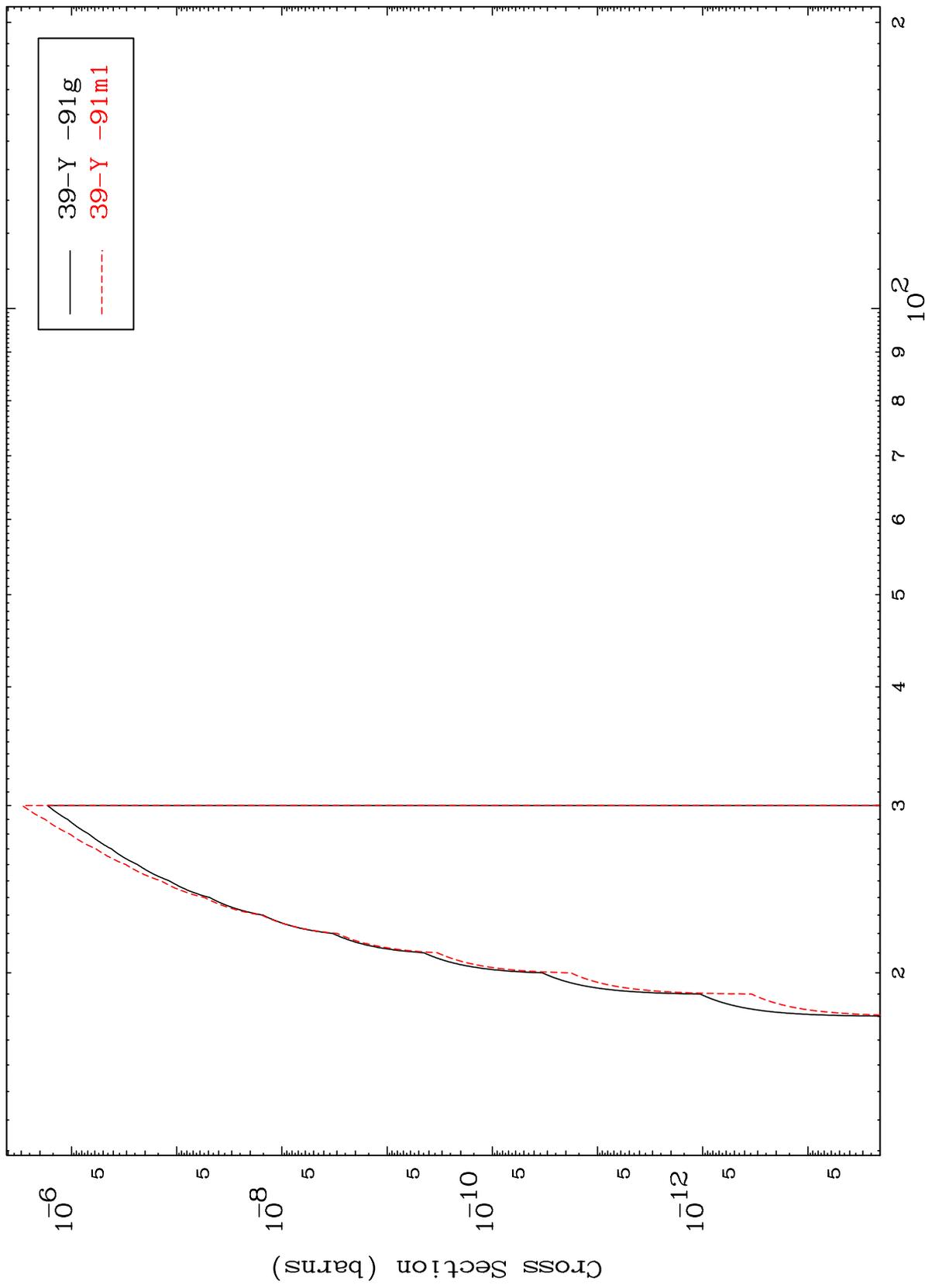
41-Nb-93

MAT 4125

(n,p) d

41-Nb-93

Radionuclide Production Cross Section



147

Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section

