

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

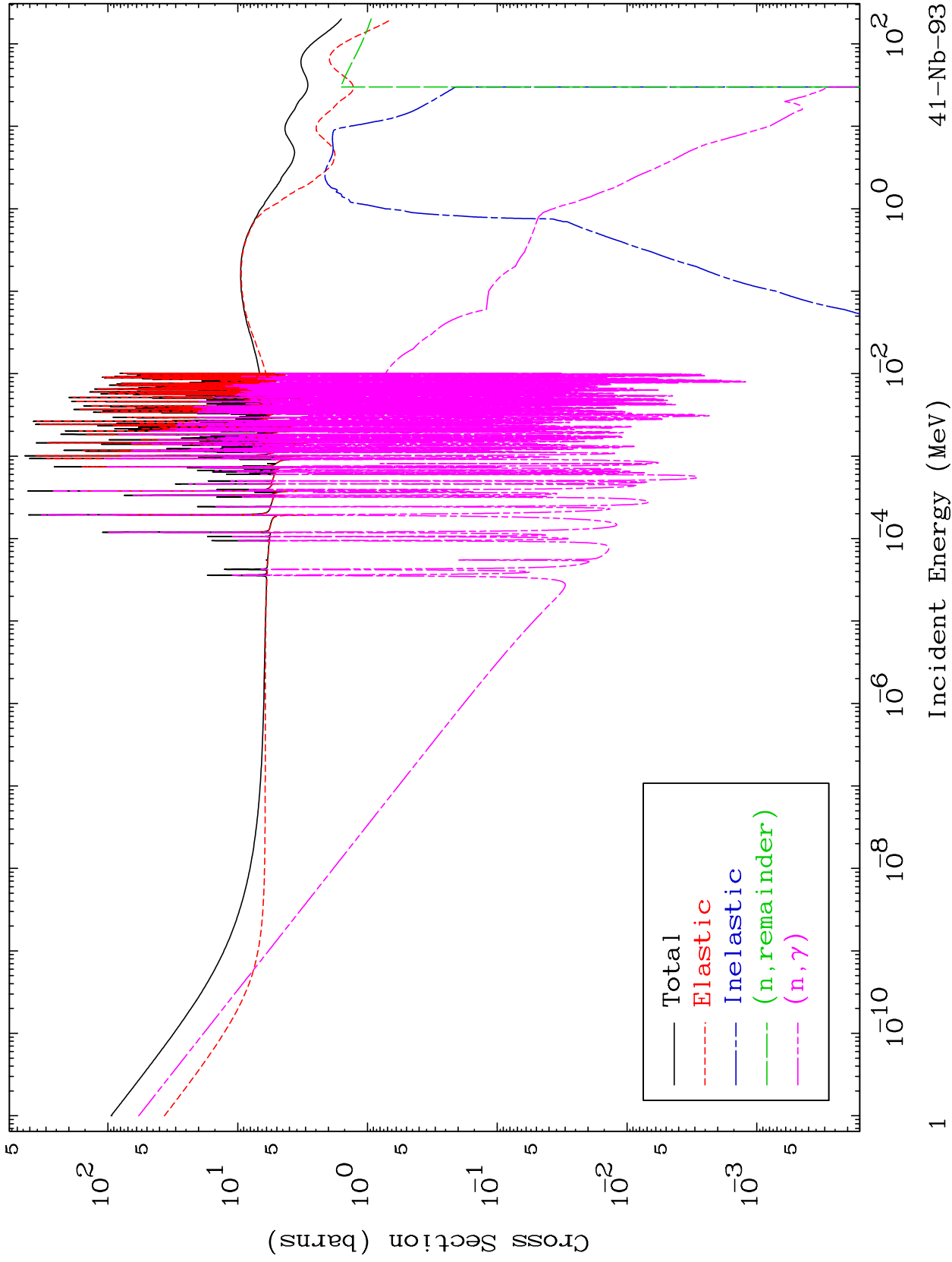
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4125

Major
293 Kelvin Cross Sections

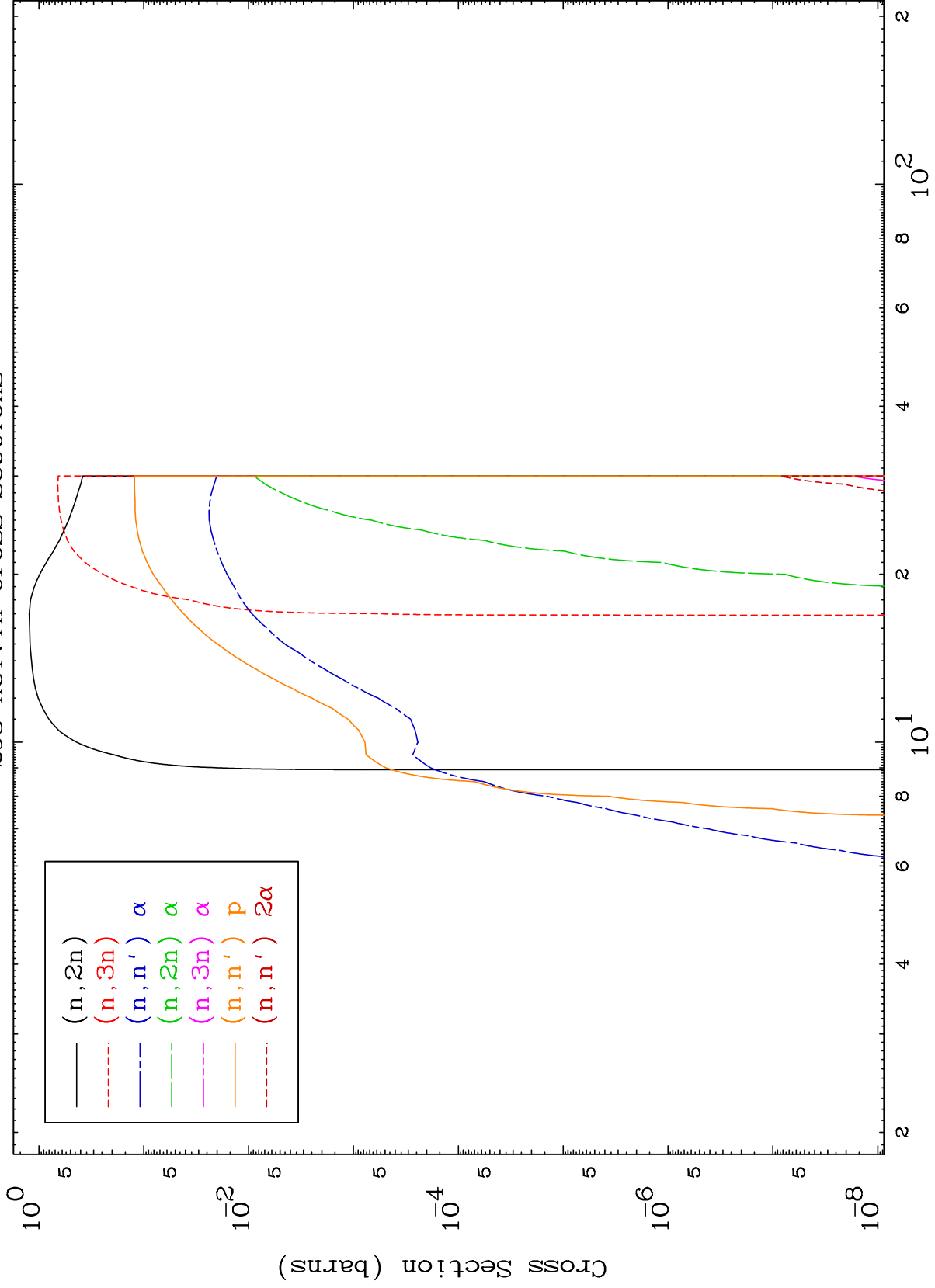
41-Nb-93



MAT 4125

Neutron Production
293 Kelvin Cross Sections

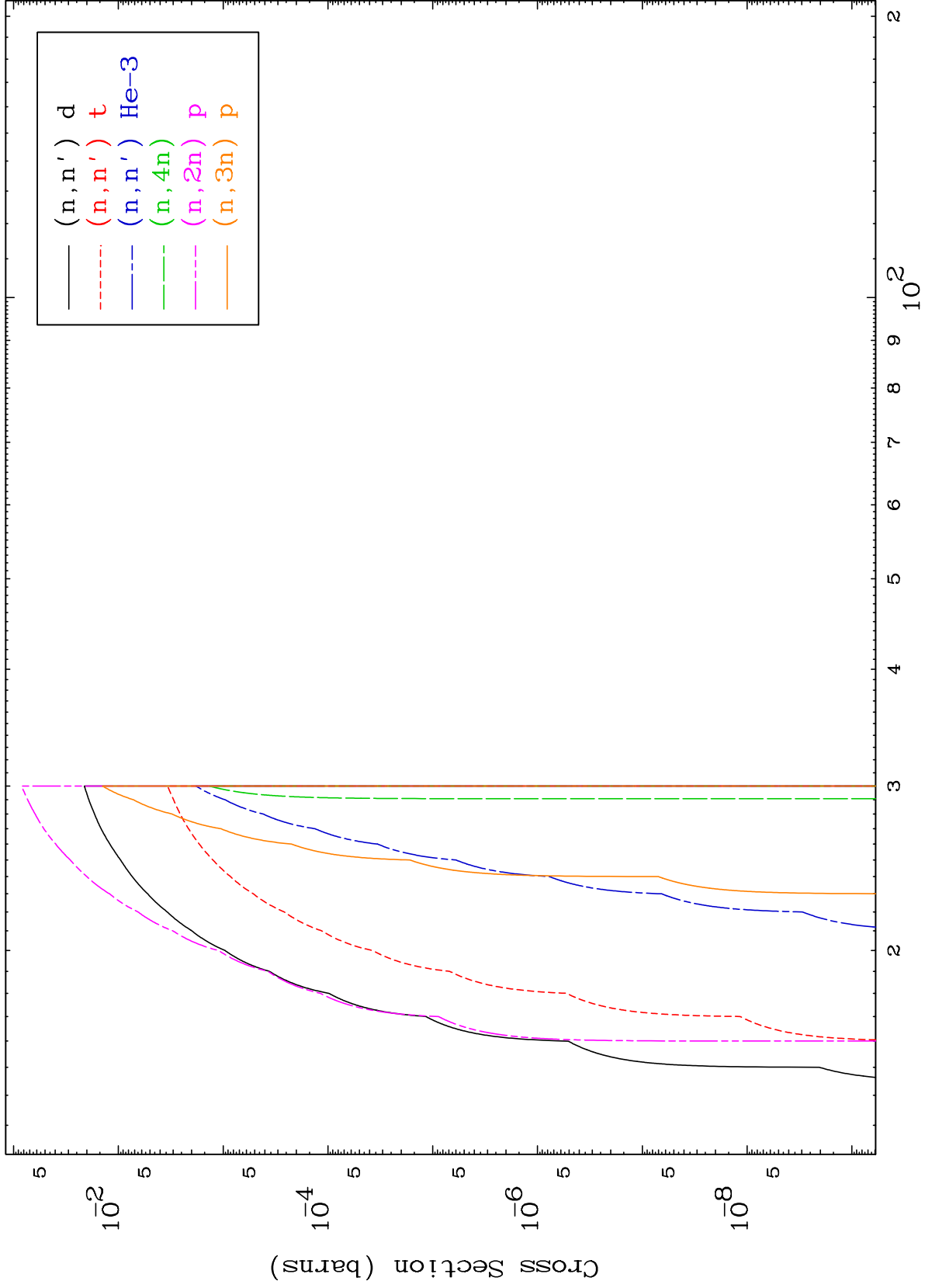
41-Nb-93



2

Incident Energy (MeV)

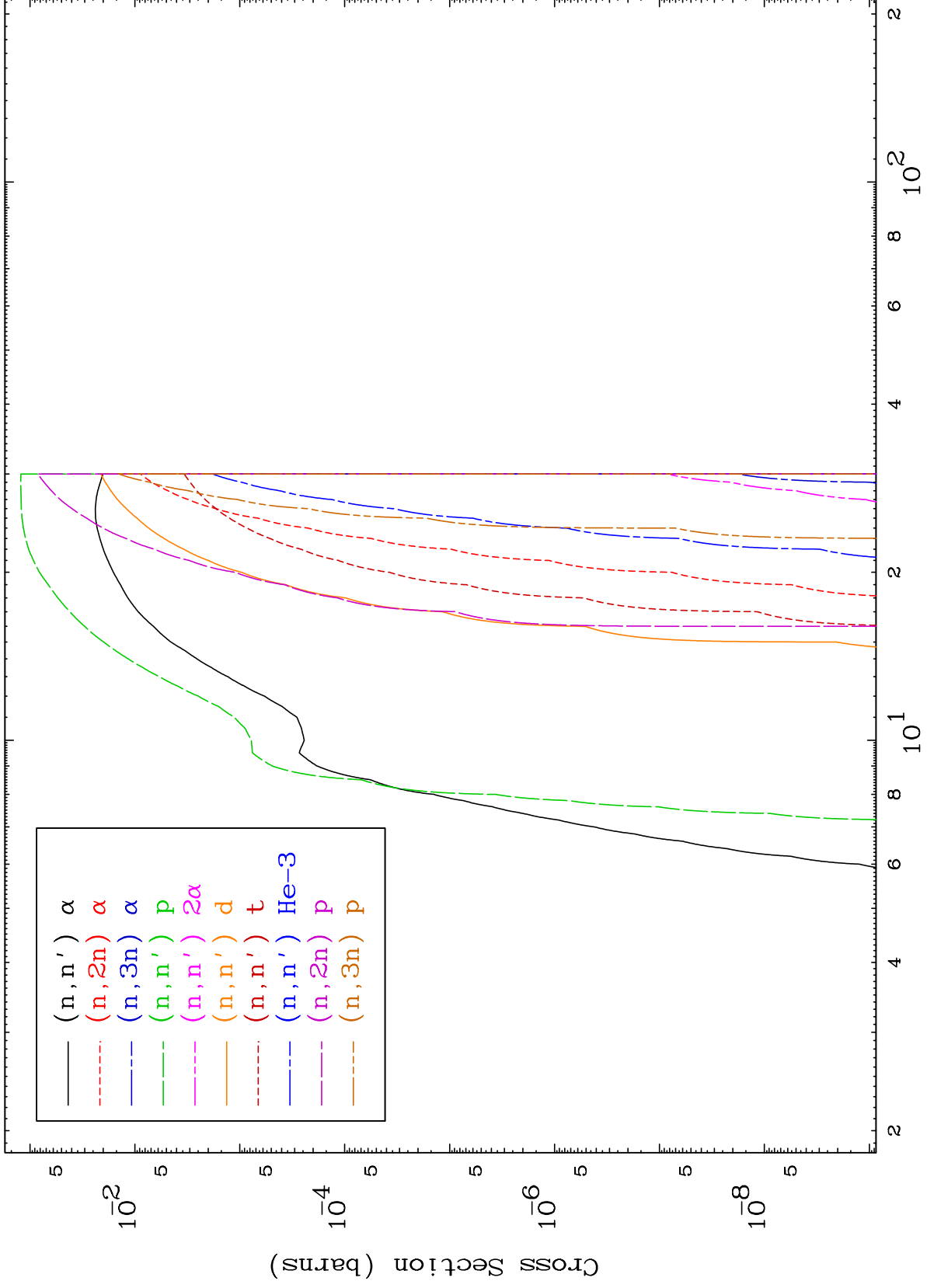
41-Nb-93



MAT 4125

Charged Particle
293 Kelvin Cross Sections

41-Nb-93



4

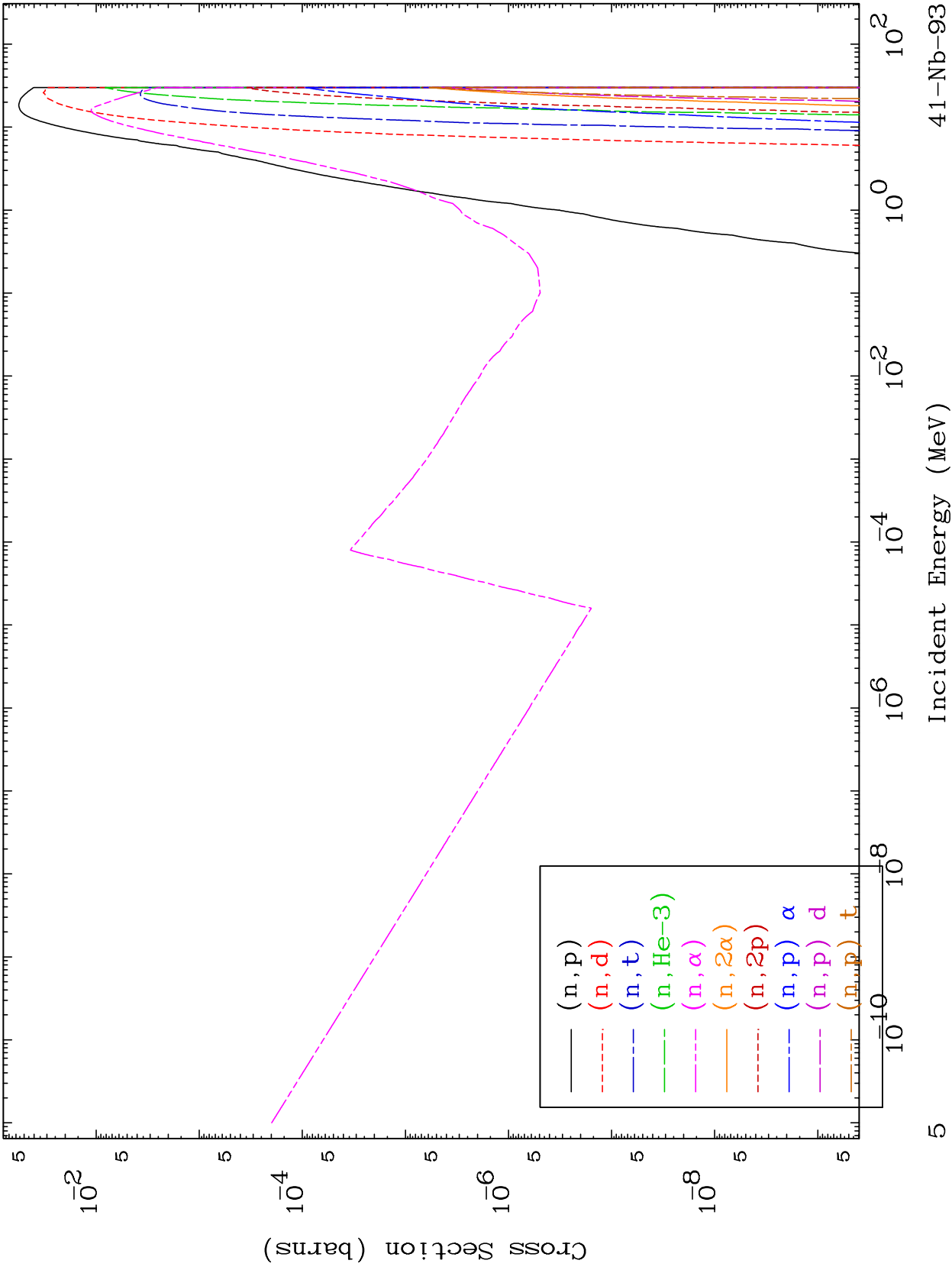
Incident Energy (MeV)

41-Nb-93

MAT 4125

Charged Particle
293 Kelvin Cross Sections

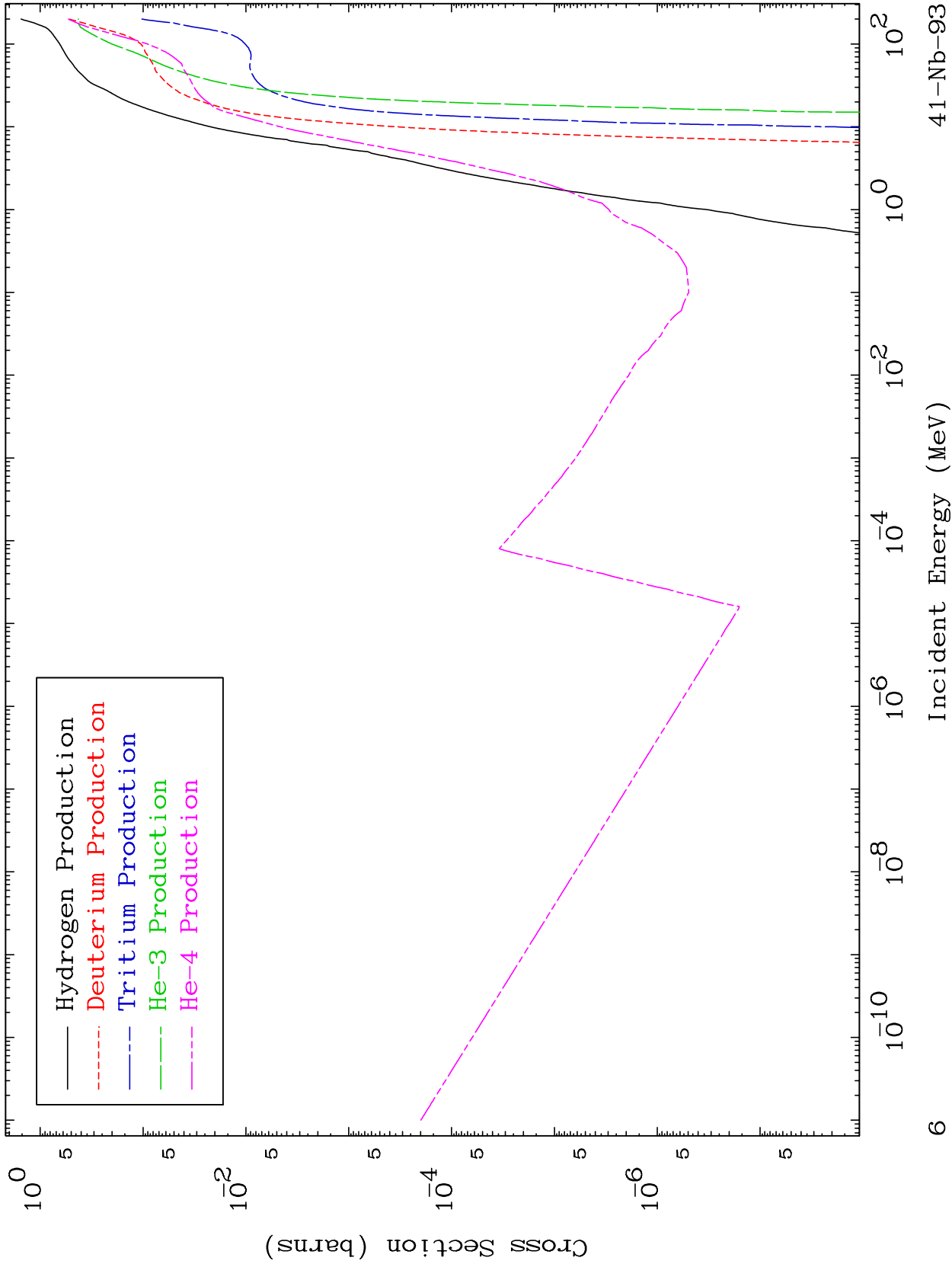
41-Nb-93



MAT 4125

Particle Production
293 Kelvin Cross Sections

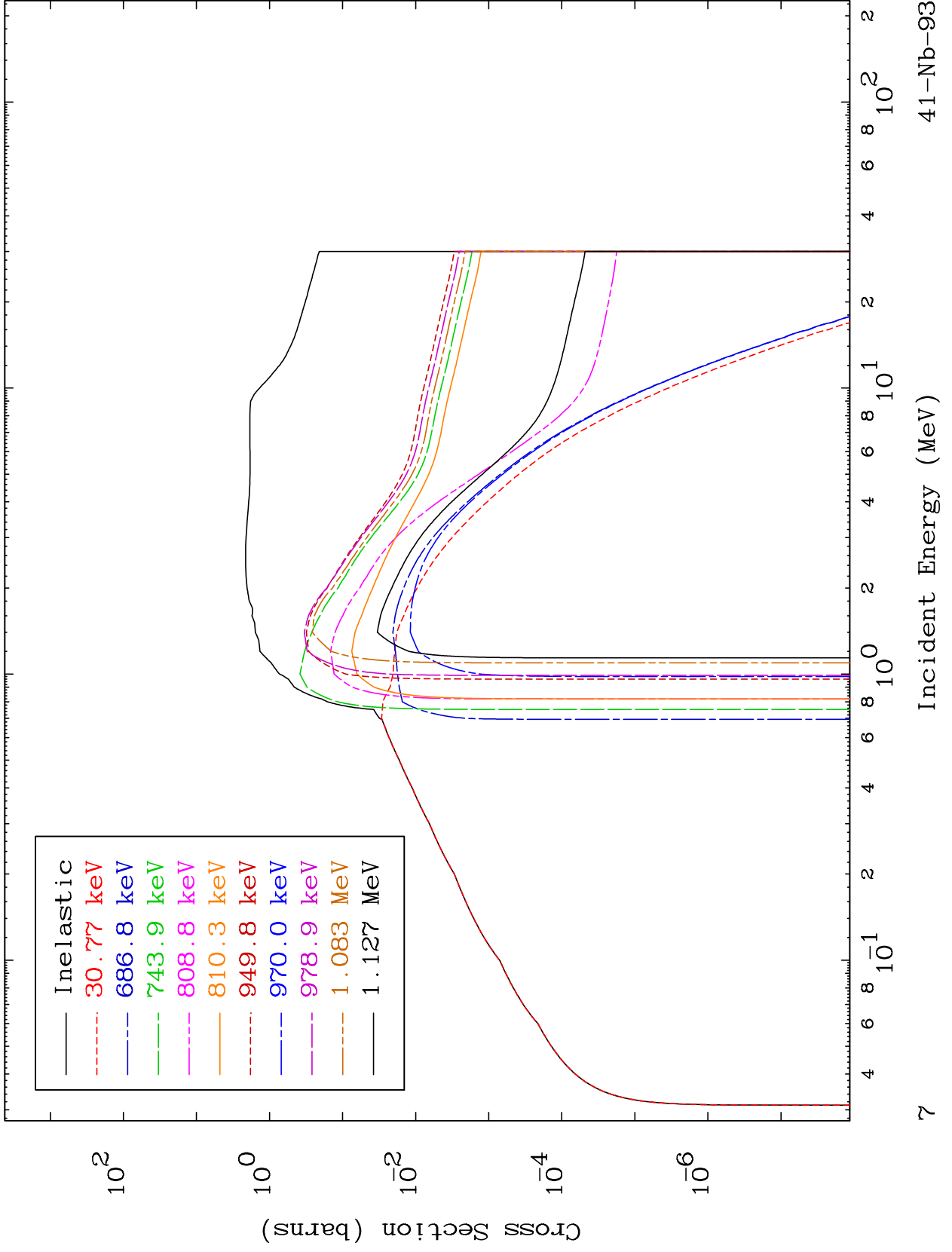
41-Nb-93



MAT 4125

(n,n') Level
293 Kelvin Cross Sections

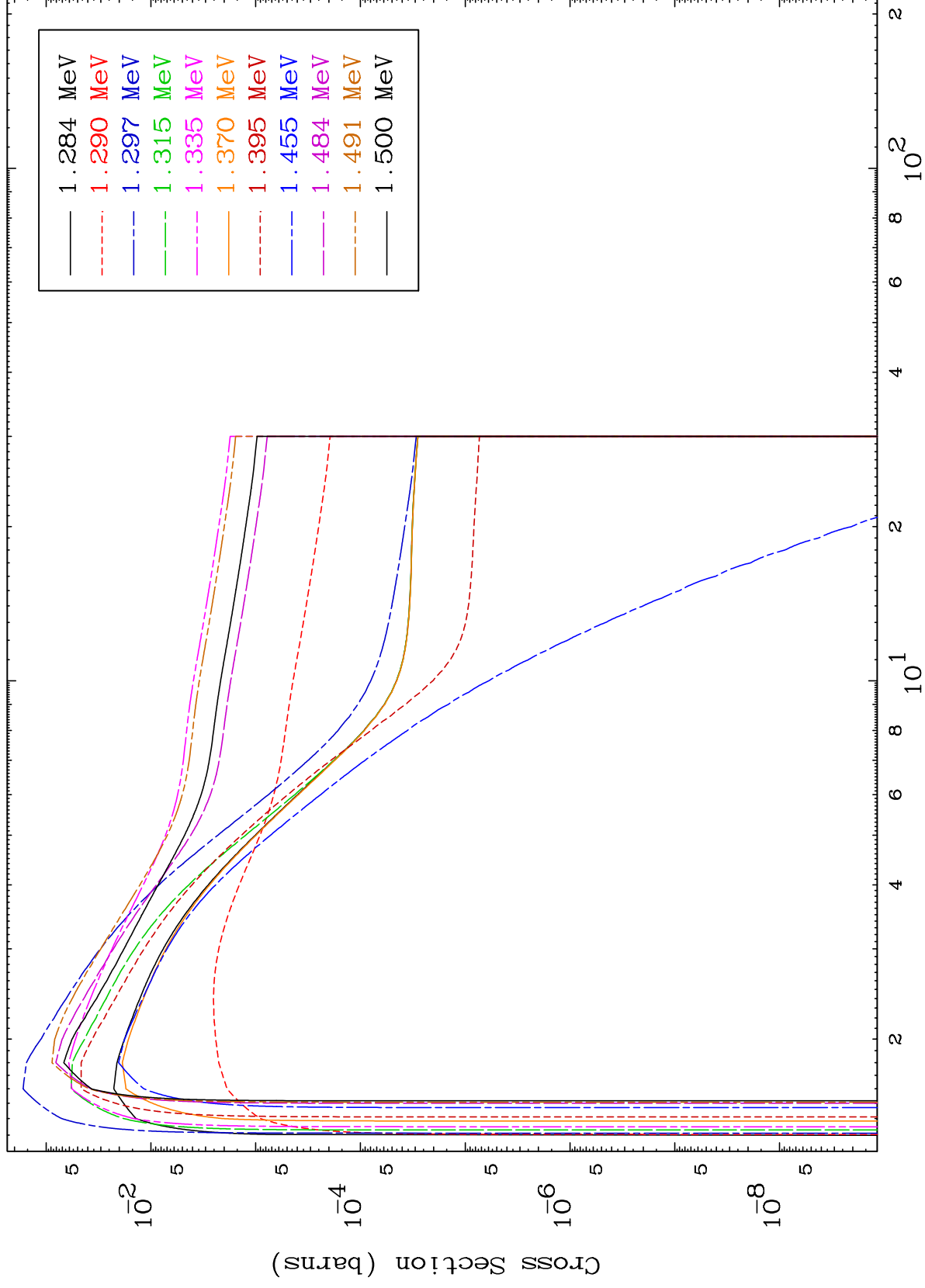
41-Nb-93



MAT 4125

(n,n') Level
293 Kelvin Cross Sections

41-Nb-93



8

Incident Energy (MeV)

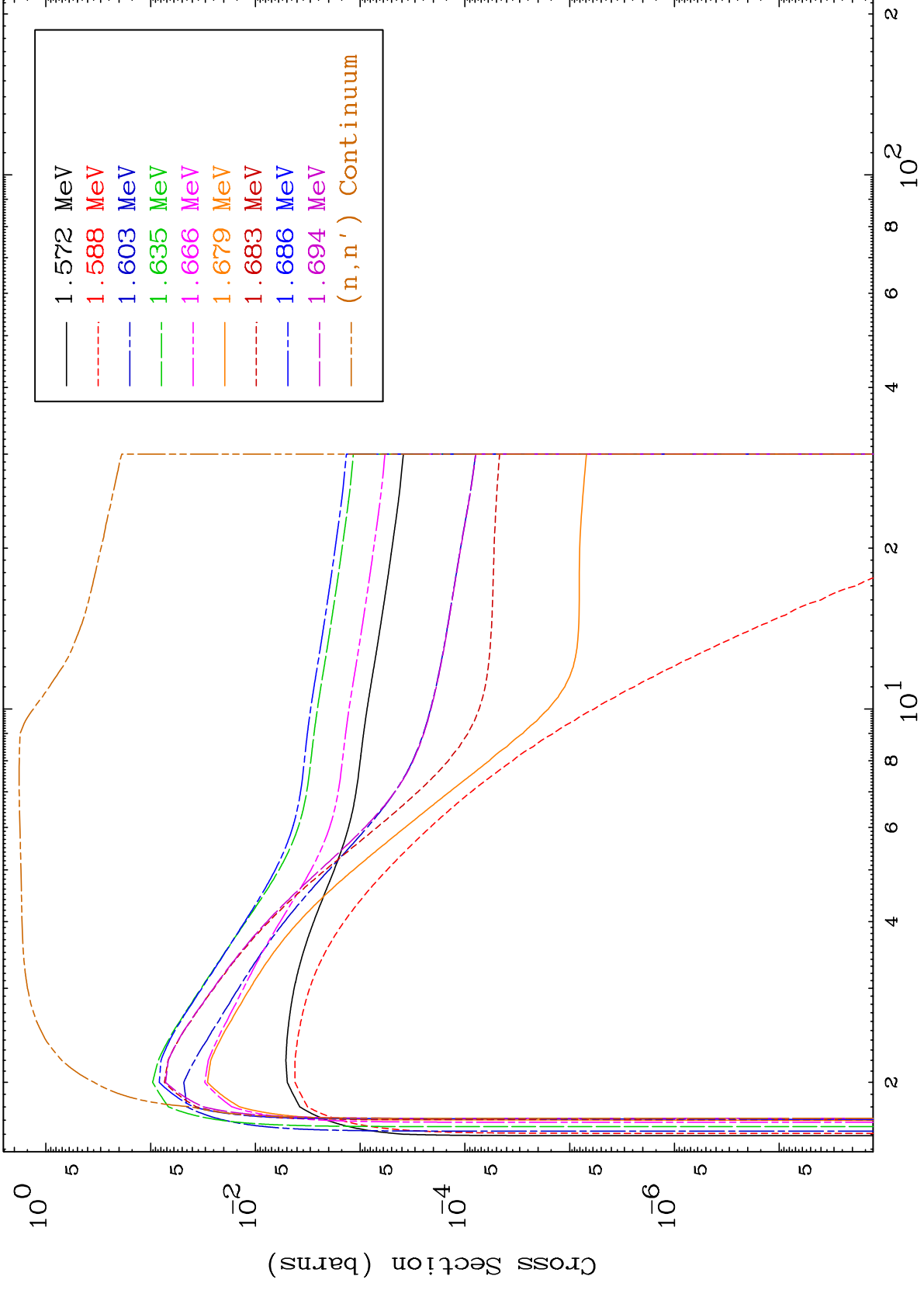
41-Nb-93

MAT 4125

(n,n') Level

41-Nb-93

293 Kelvin Cross Sections



9

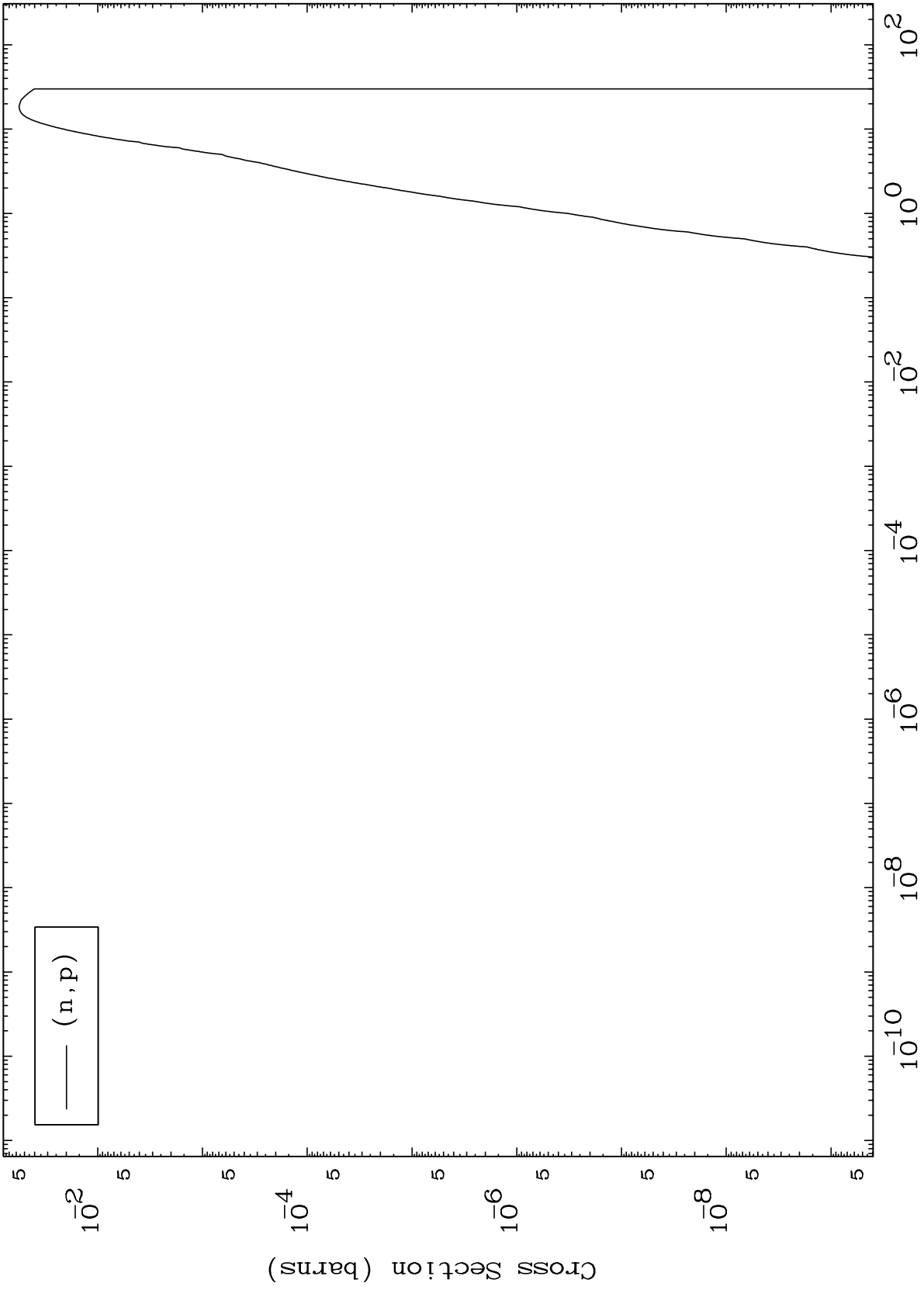
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-93



10

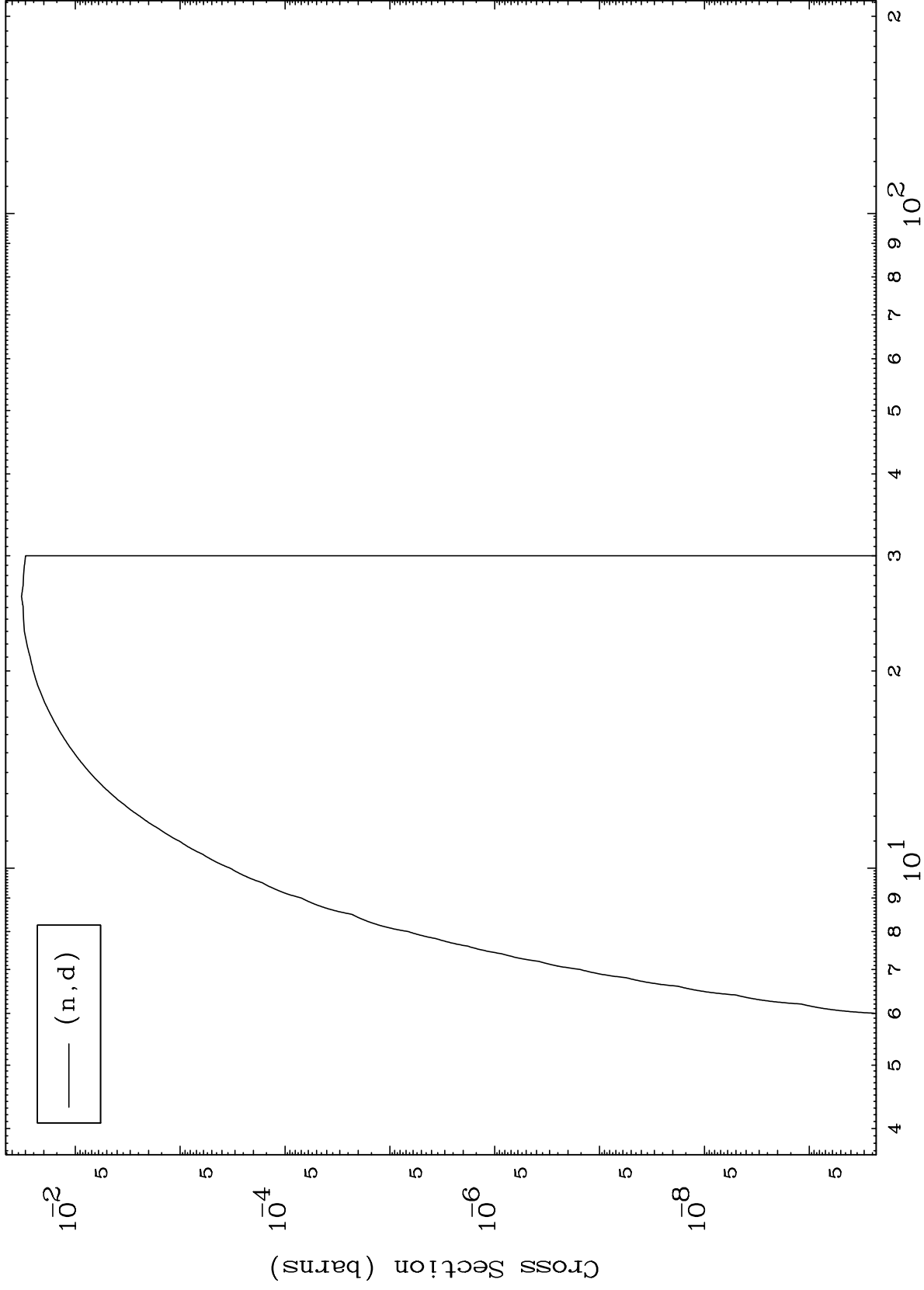
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-93



11

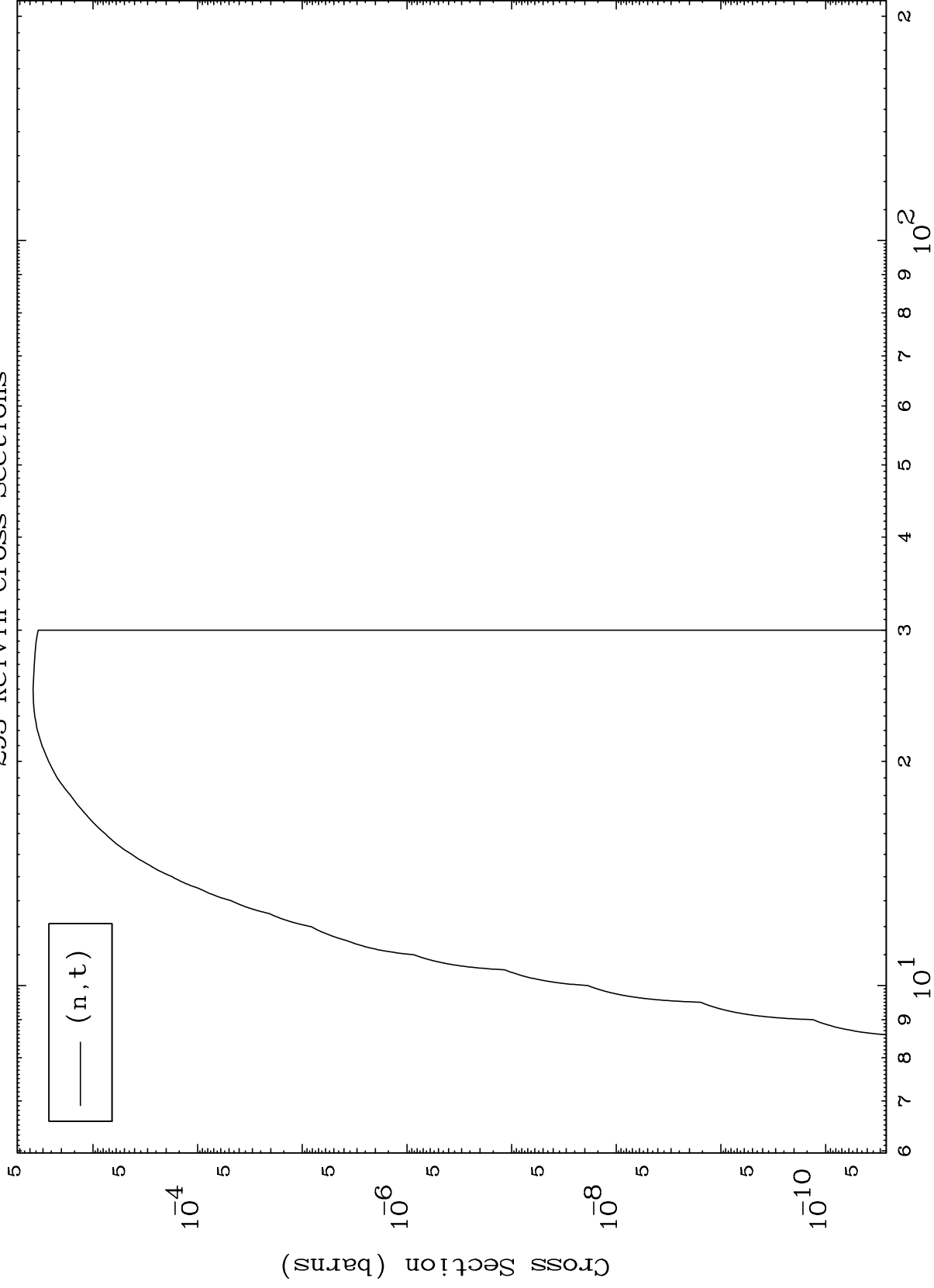
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-93



12

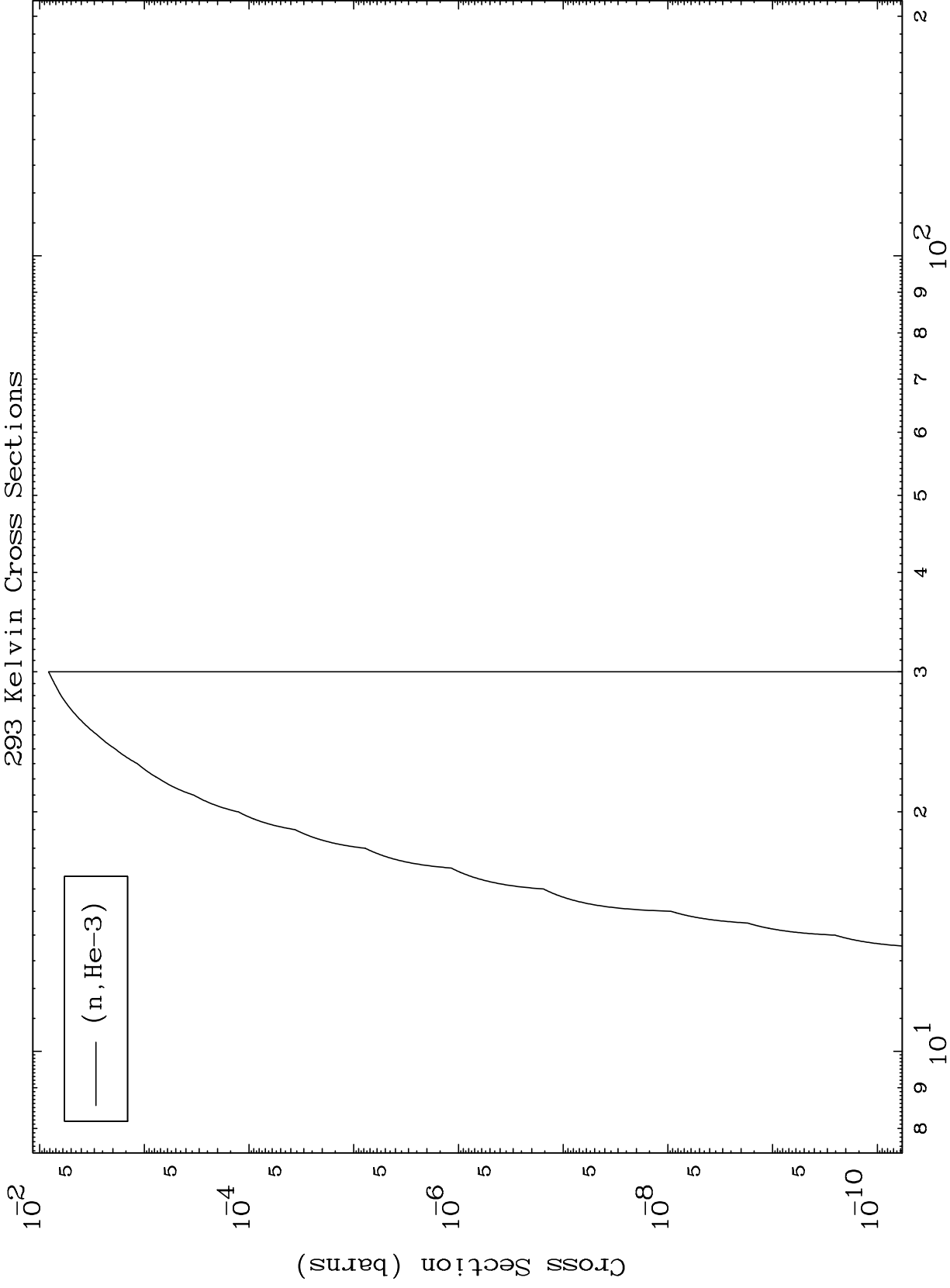
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-93



13

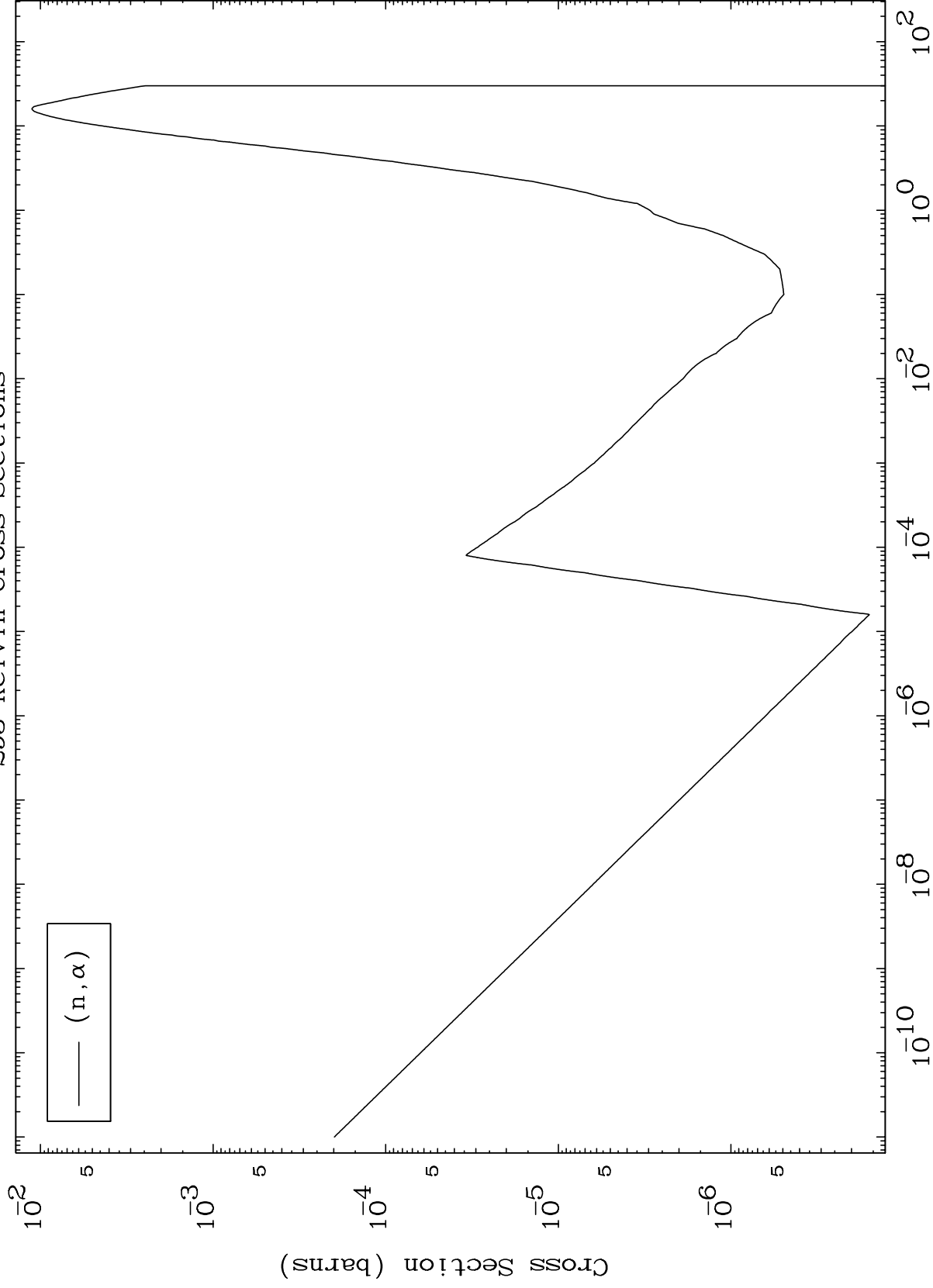
Incident Energy (MeV)

41-Nb-93

MAT 4125

(n, α) Levels
293 Kelvin Cross Sections

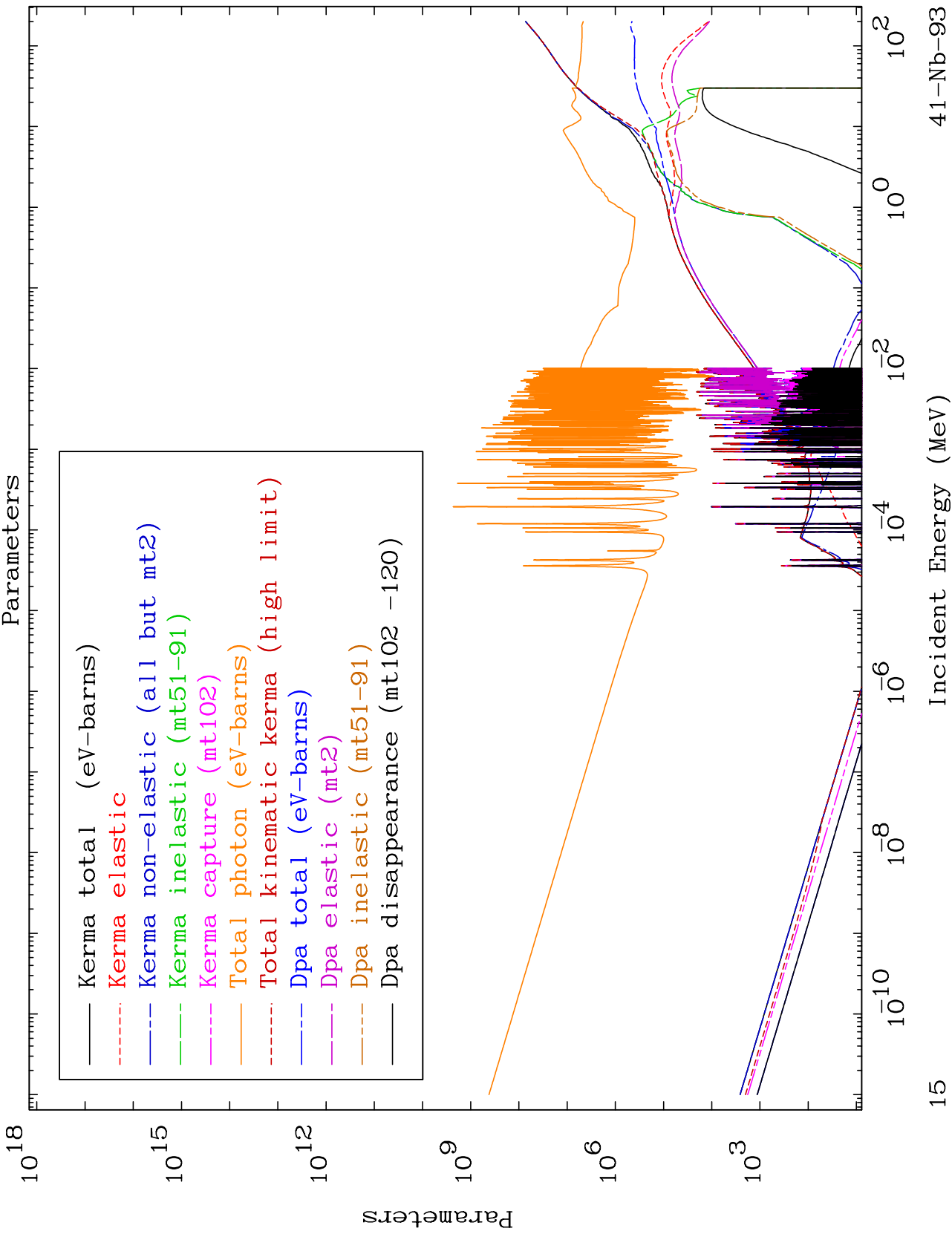
41-Nb-93



14

Incident Energy (MeV)

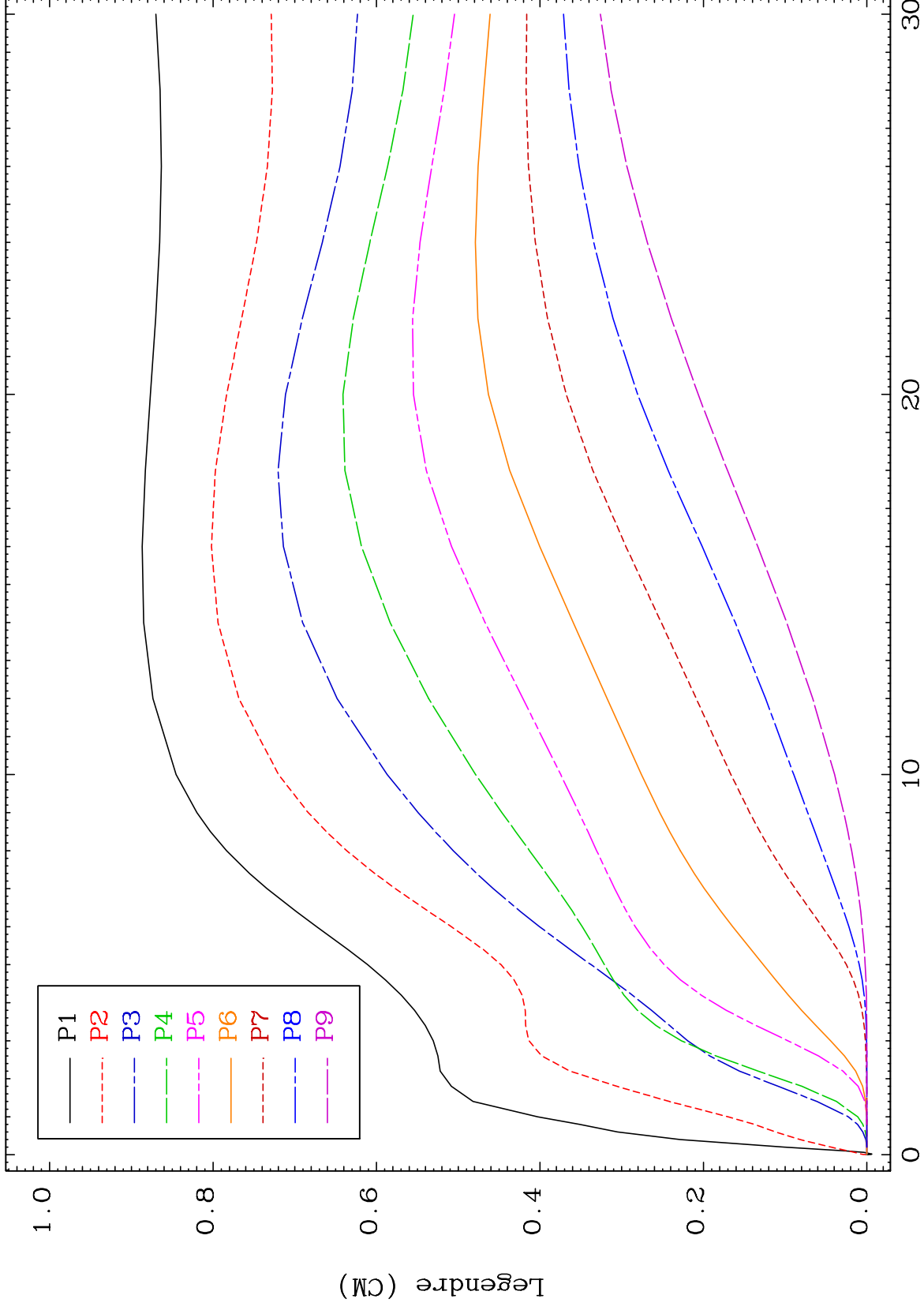
41-Nb-93



MAT 4125

Elastic Legendre Coefficients

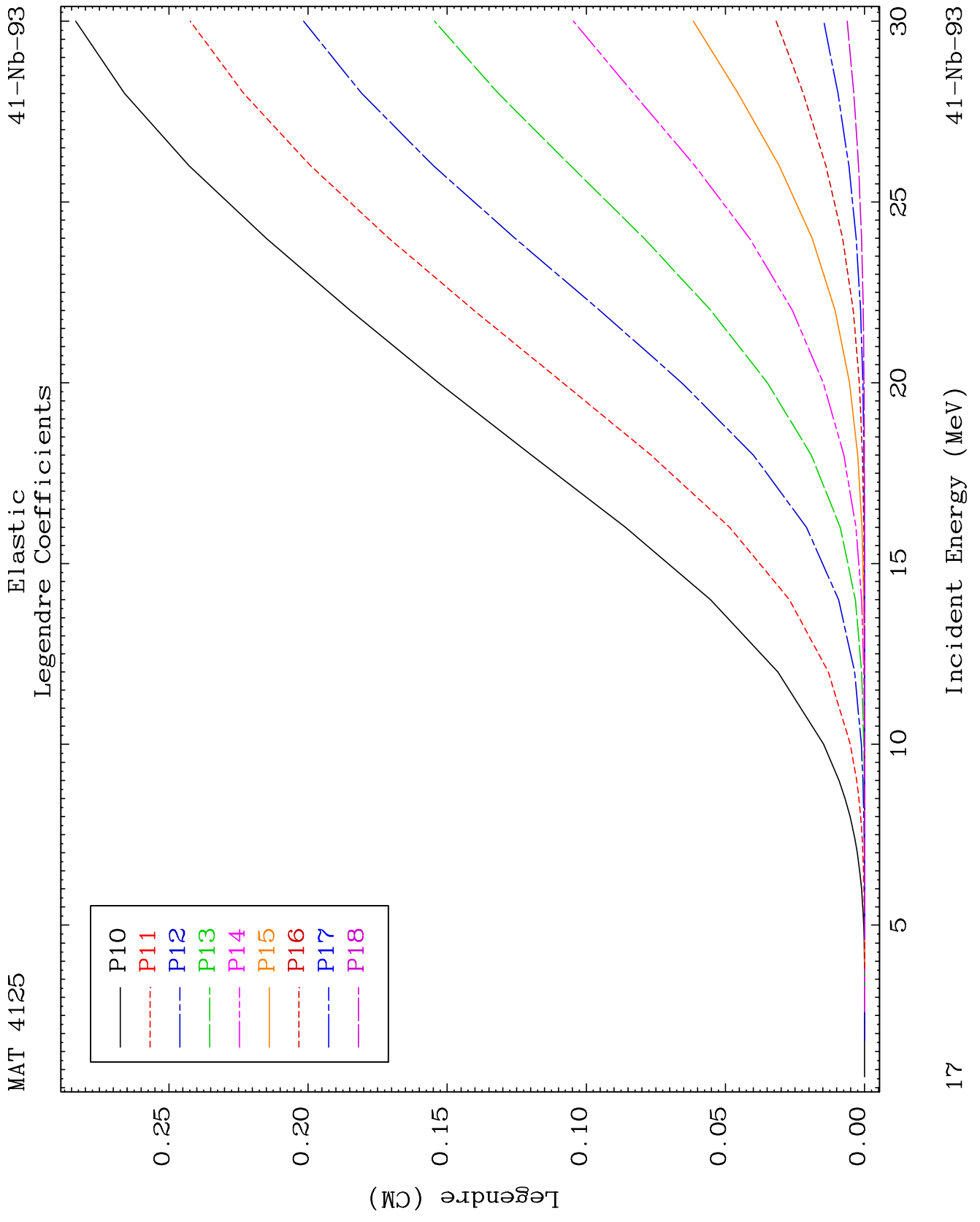
41-Nb-93



16

Incident Energy (MeV)

41-Nb-93



MAT 4125

41-Nb-93

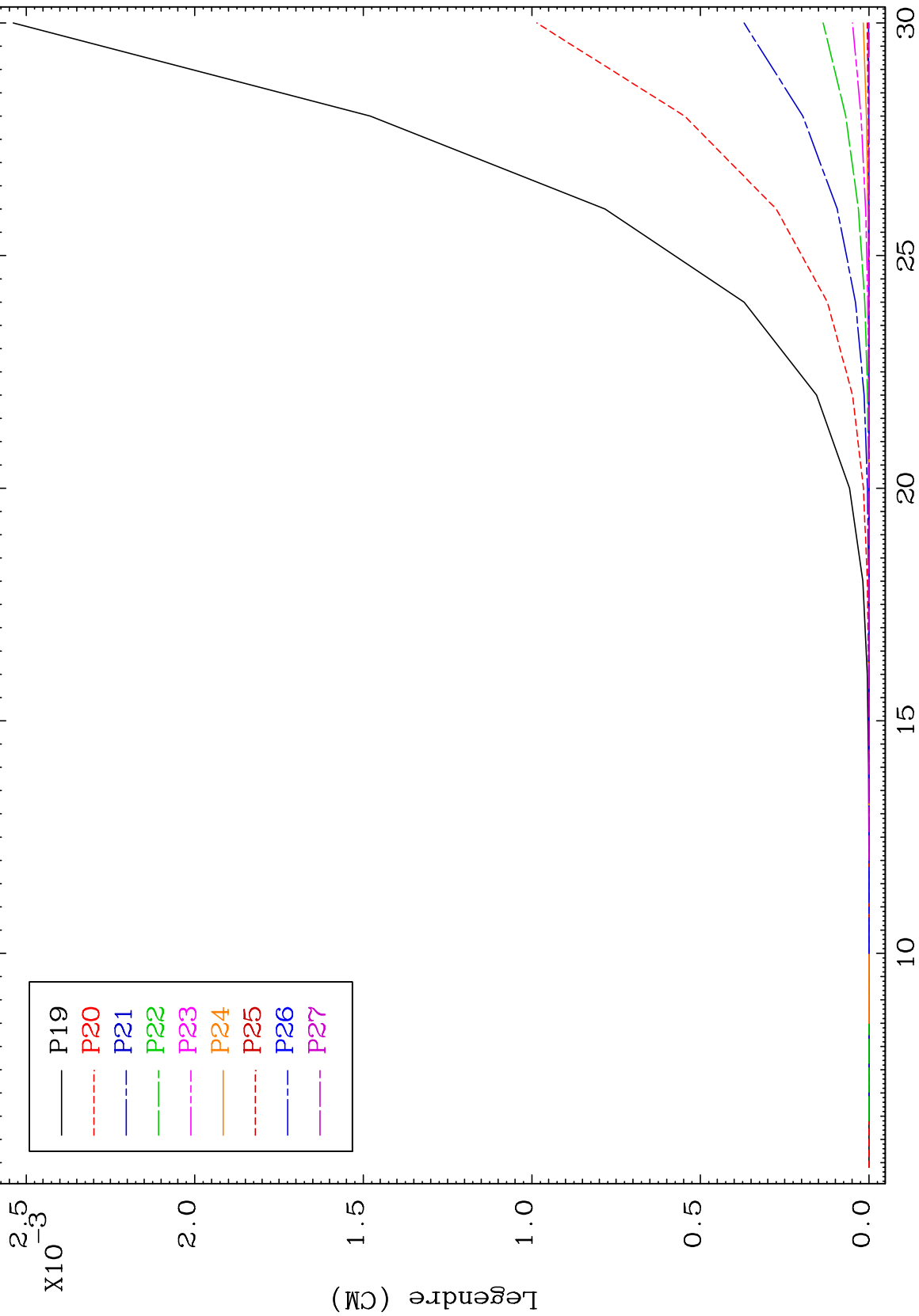
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41-Nb-93

MAT 4125

Elastic Legendre Coefficients

41-Nb-93



18

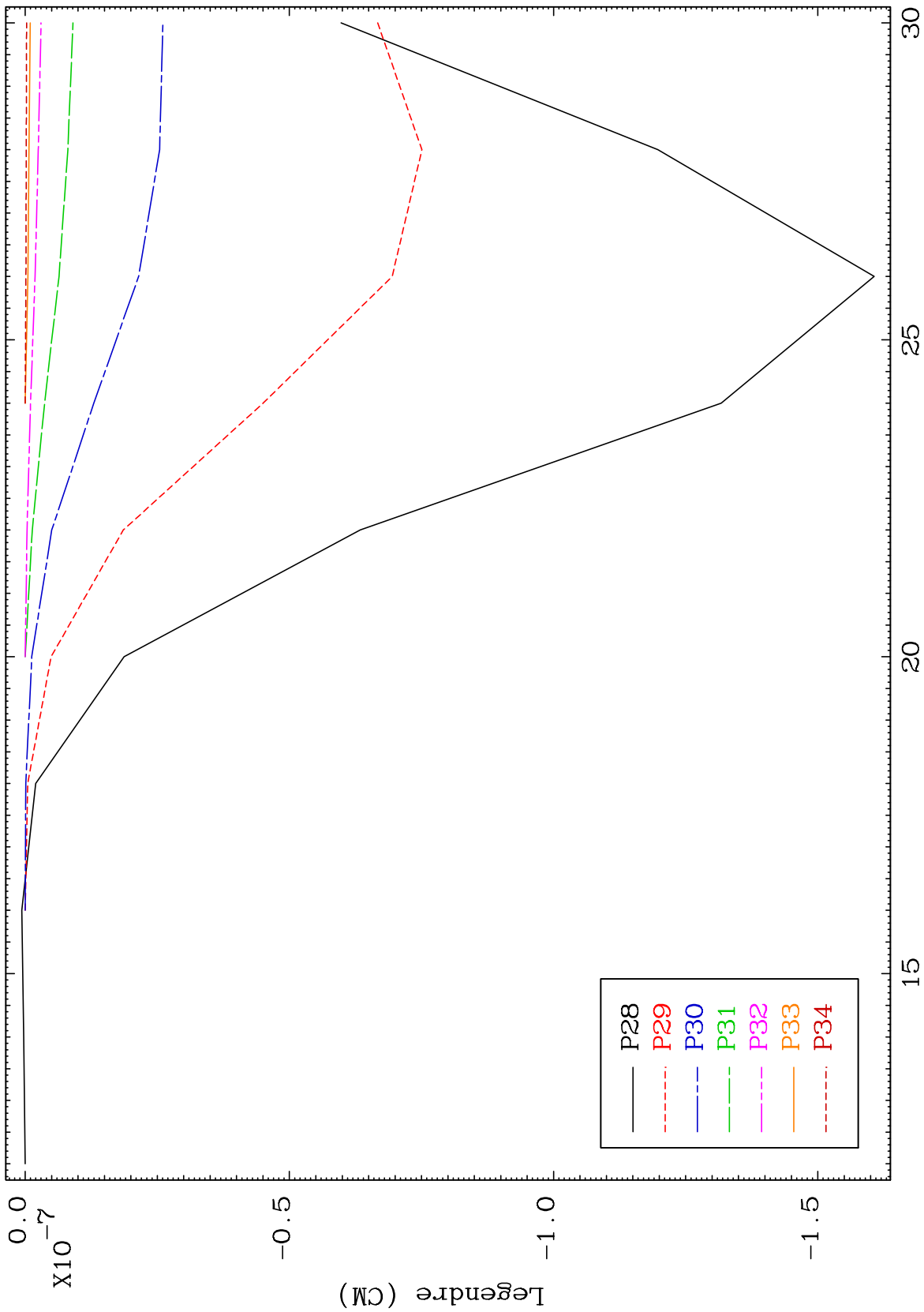
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

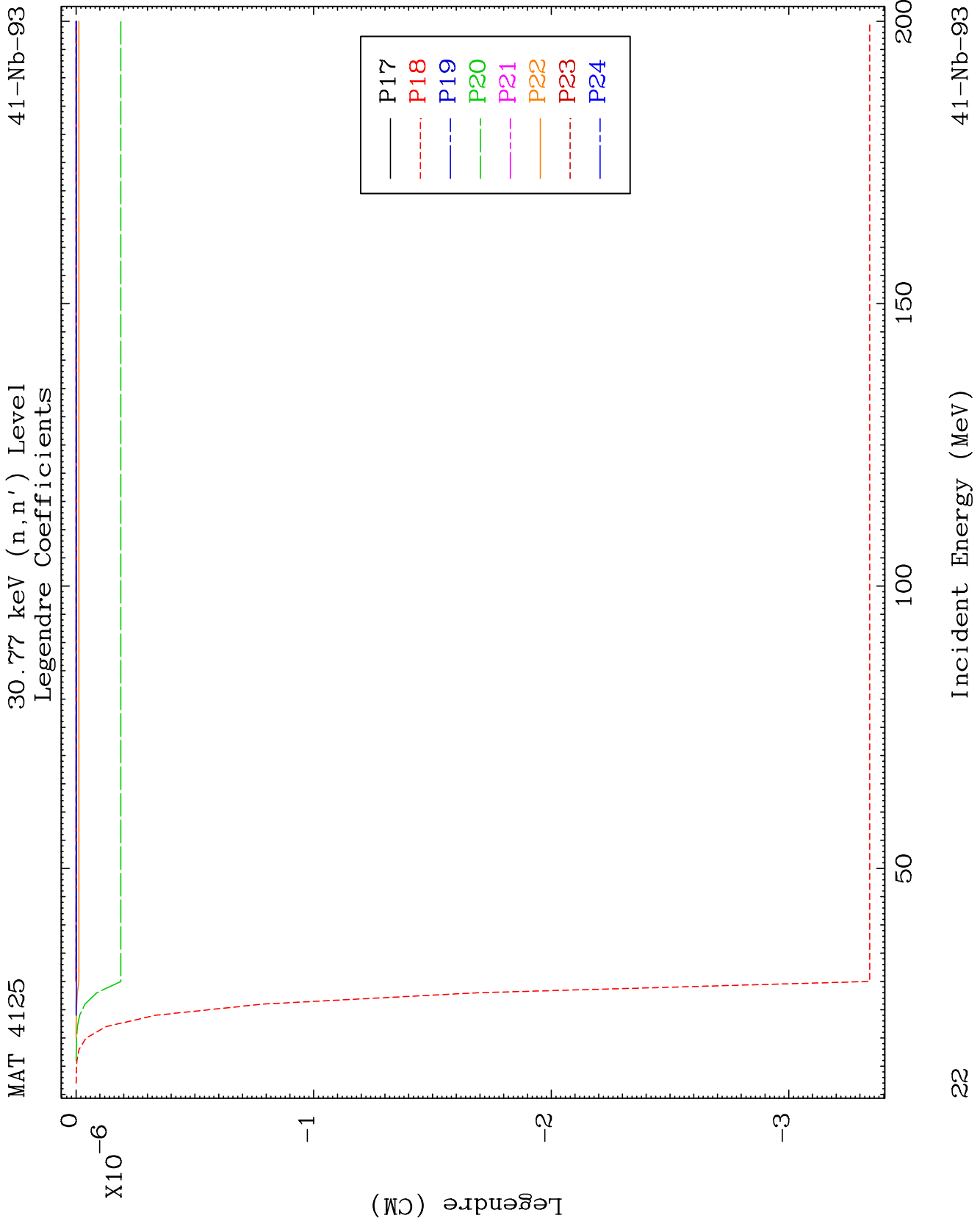
Elastic Legendre Coefficients

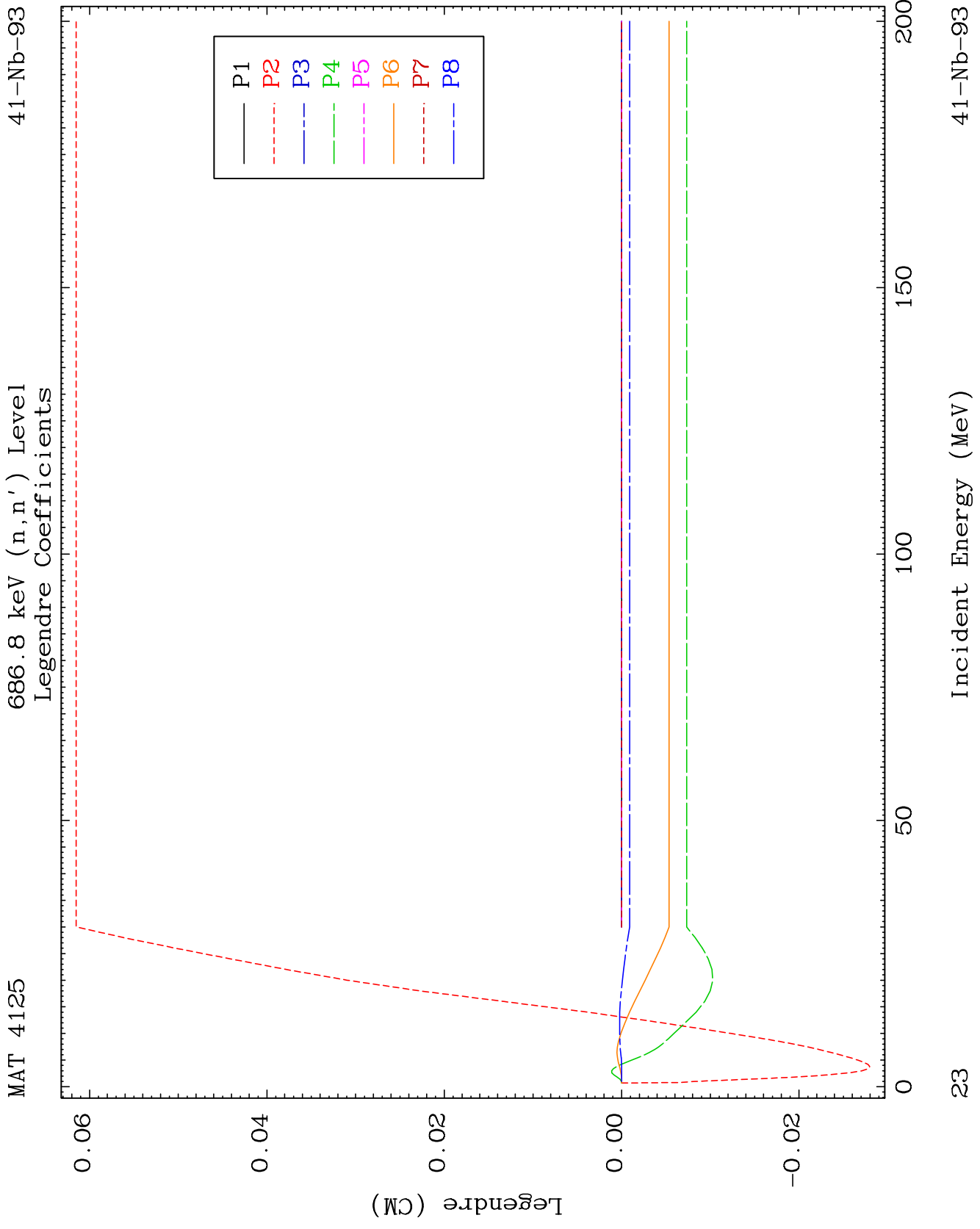


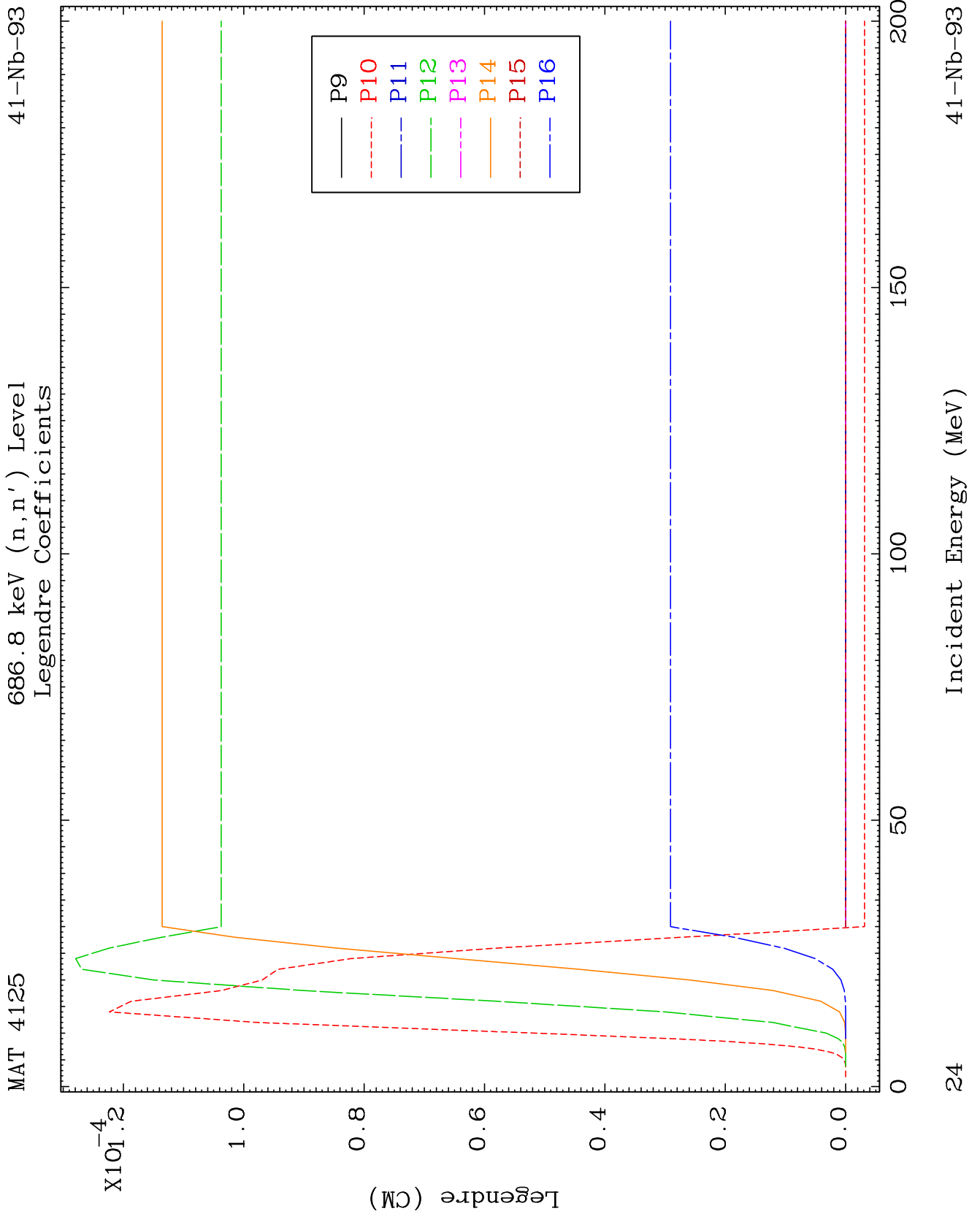
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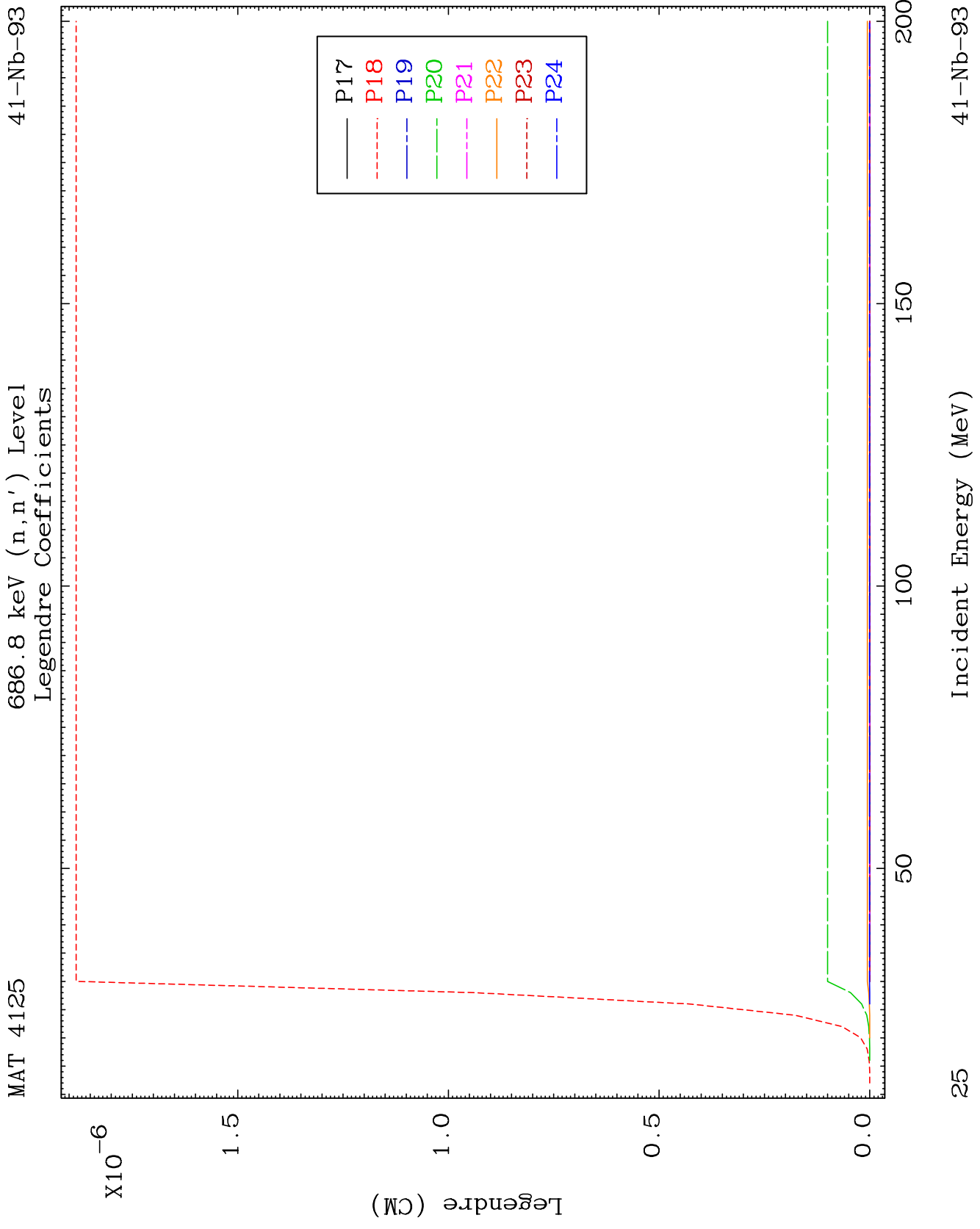
Incident Energy (MeV)

41-Nb-93





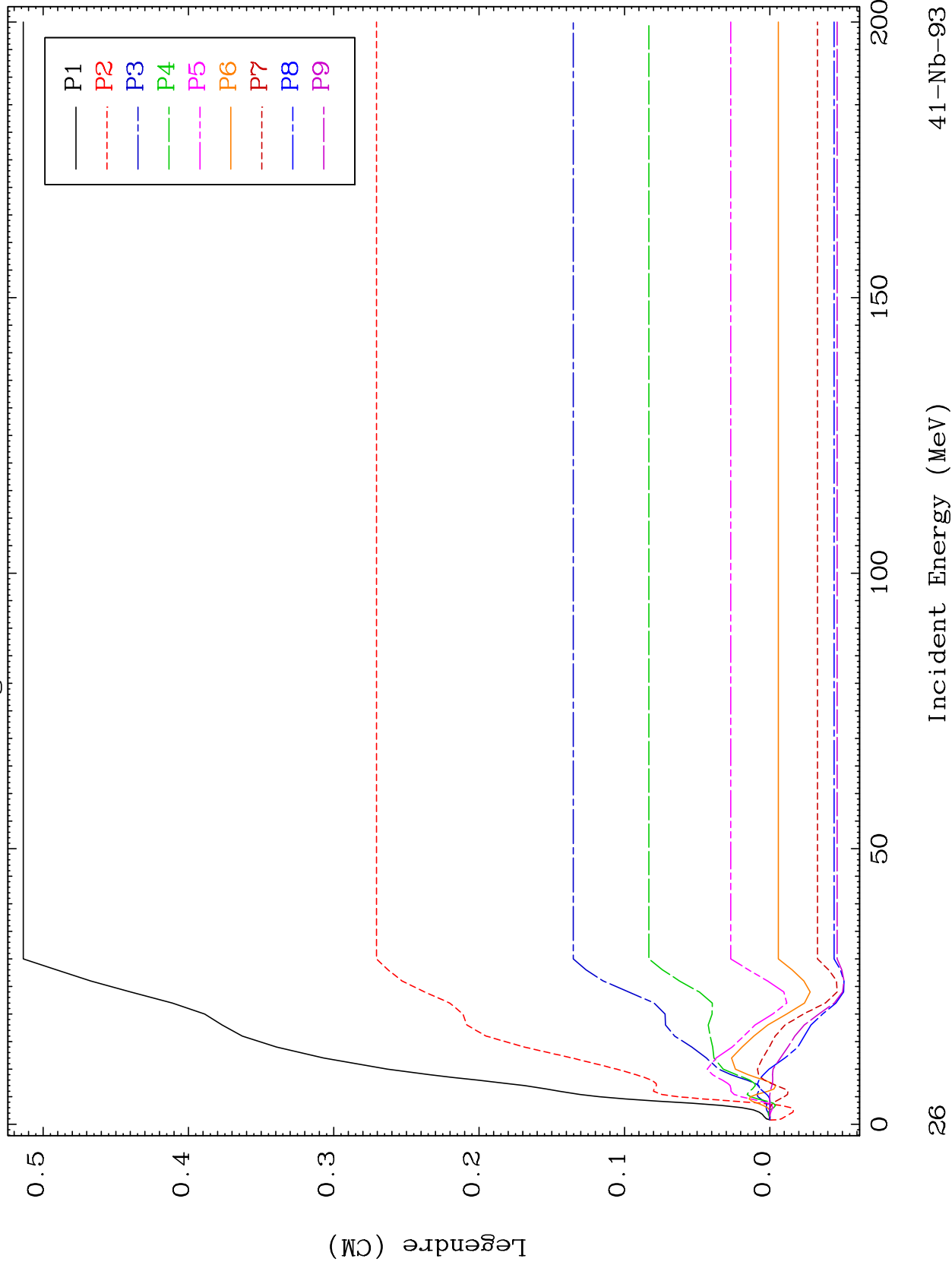




MAT 4125

743.9 keV (n, n') Level
Legendre Coefficients

41-Nb-93

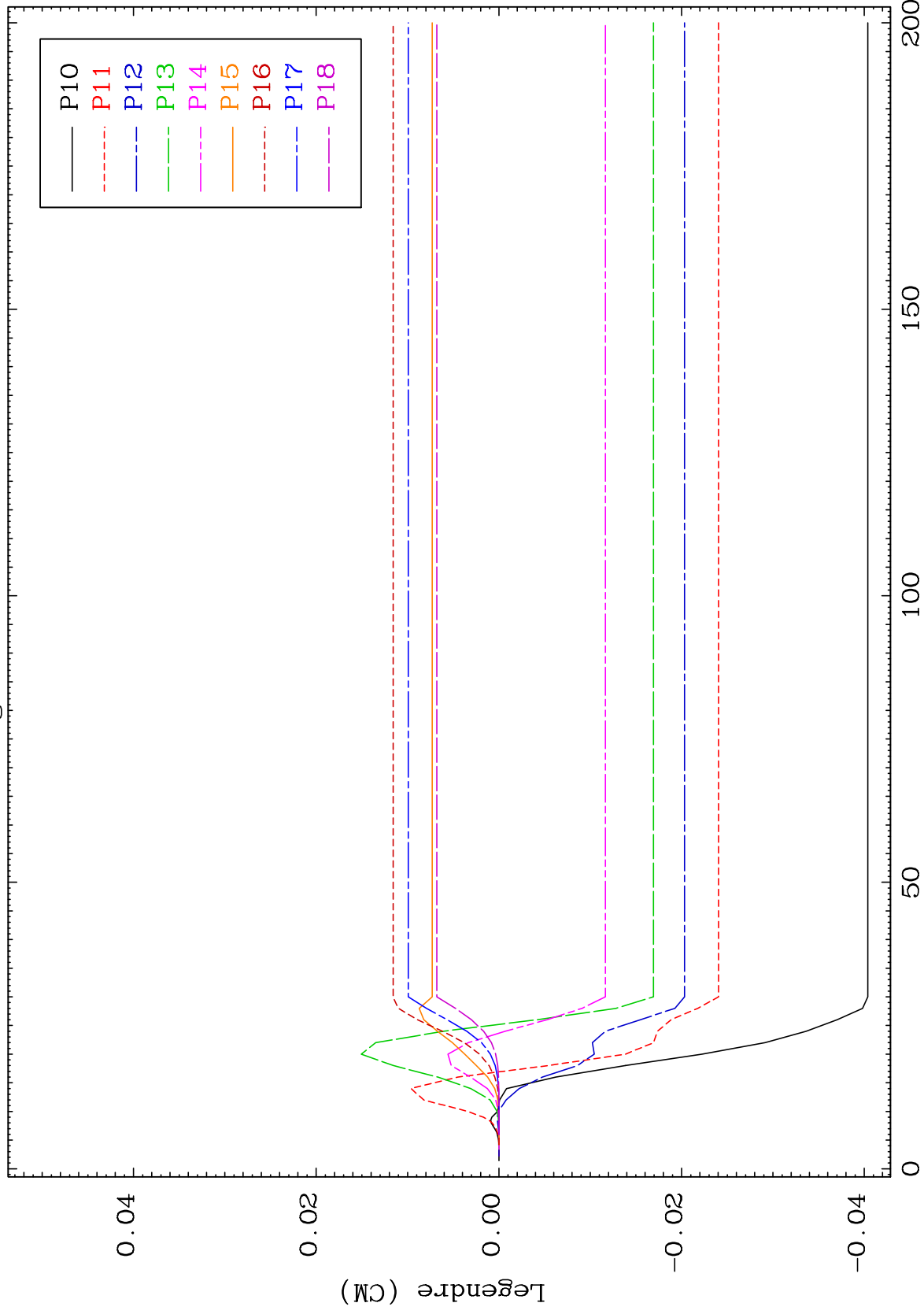


26

MAT 4125

743.9 keV (n,n') Level
Legendre Coefficients

41-Nb-93



27

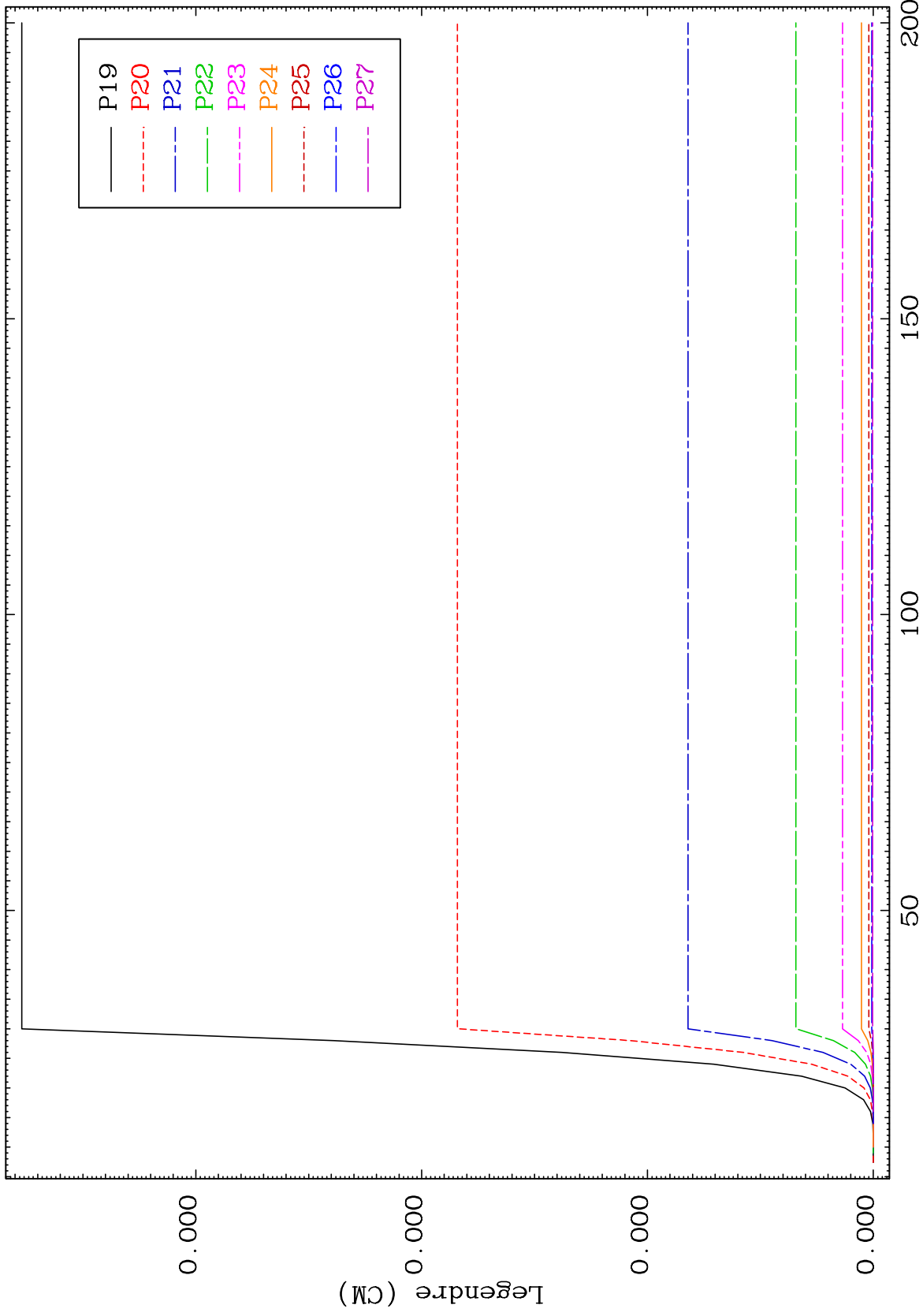
Incident Energy (MeV)

41-Nb-93

MAT 4125

743.9 keV (n,n') Level
Legendre Coefficients

41-Nb-93



28

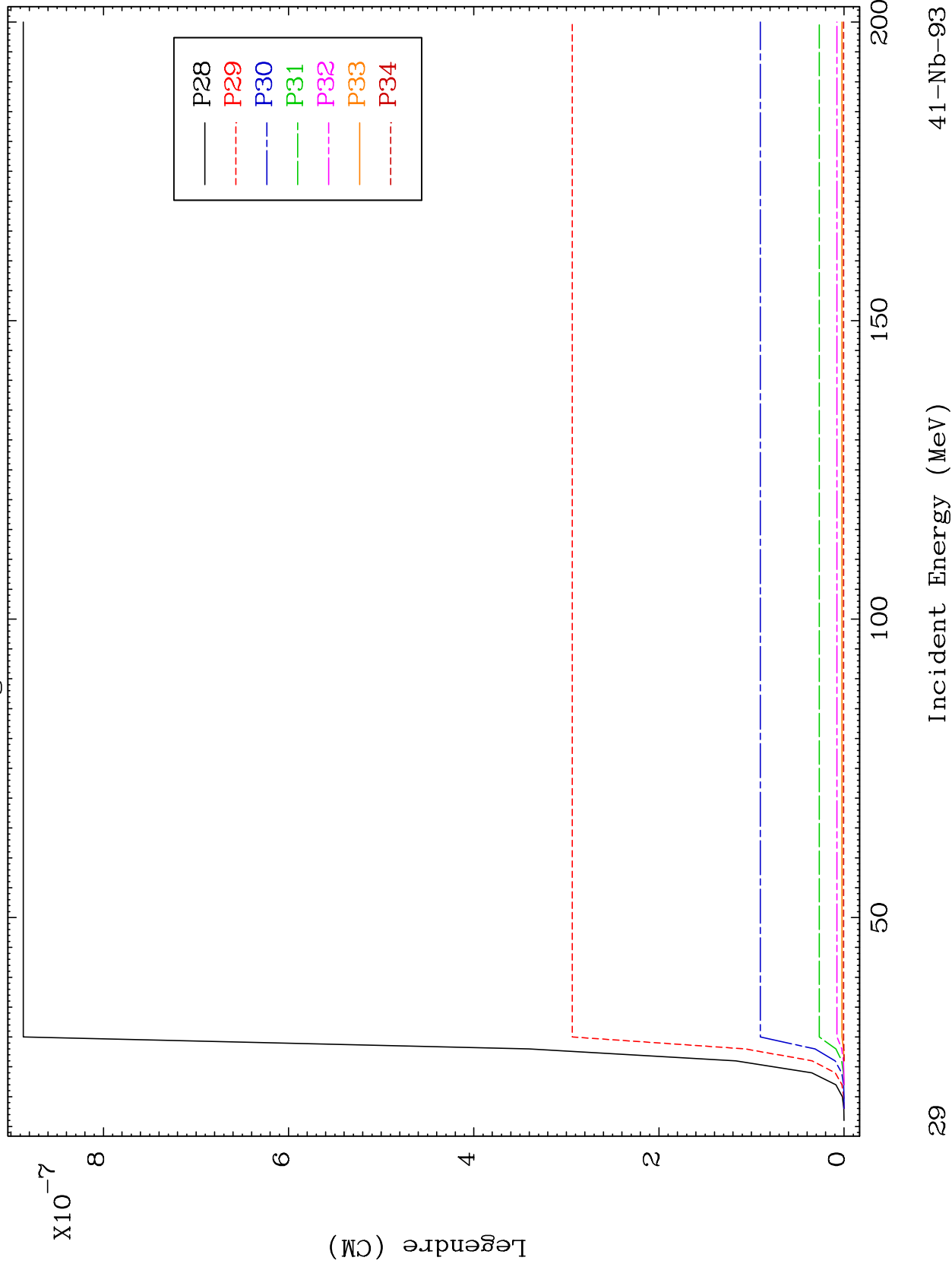
Incident Energy (MeV)

41-Nb-93

MAT 4125

743.9 keV (n,n') Level
Legendre Coefficients

41-Nb-93



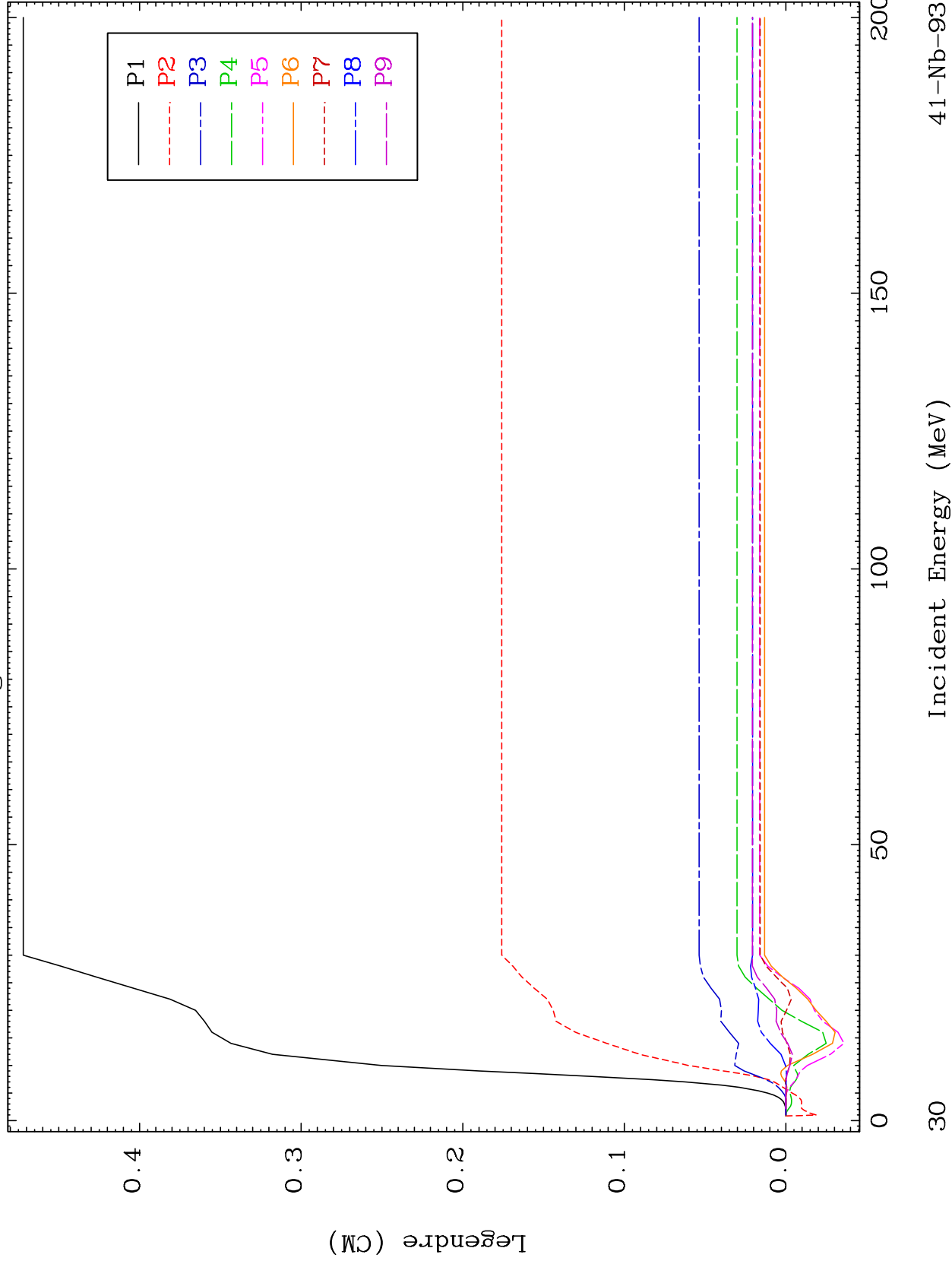
29

41-Nb-93

MAT 4125

808.8 keV (n,n') Level
Legendre Coefficients

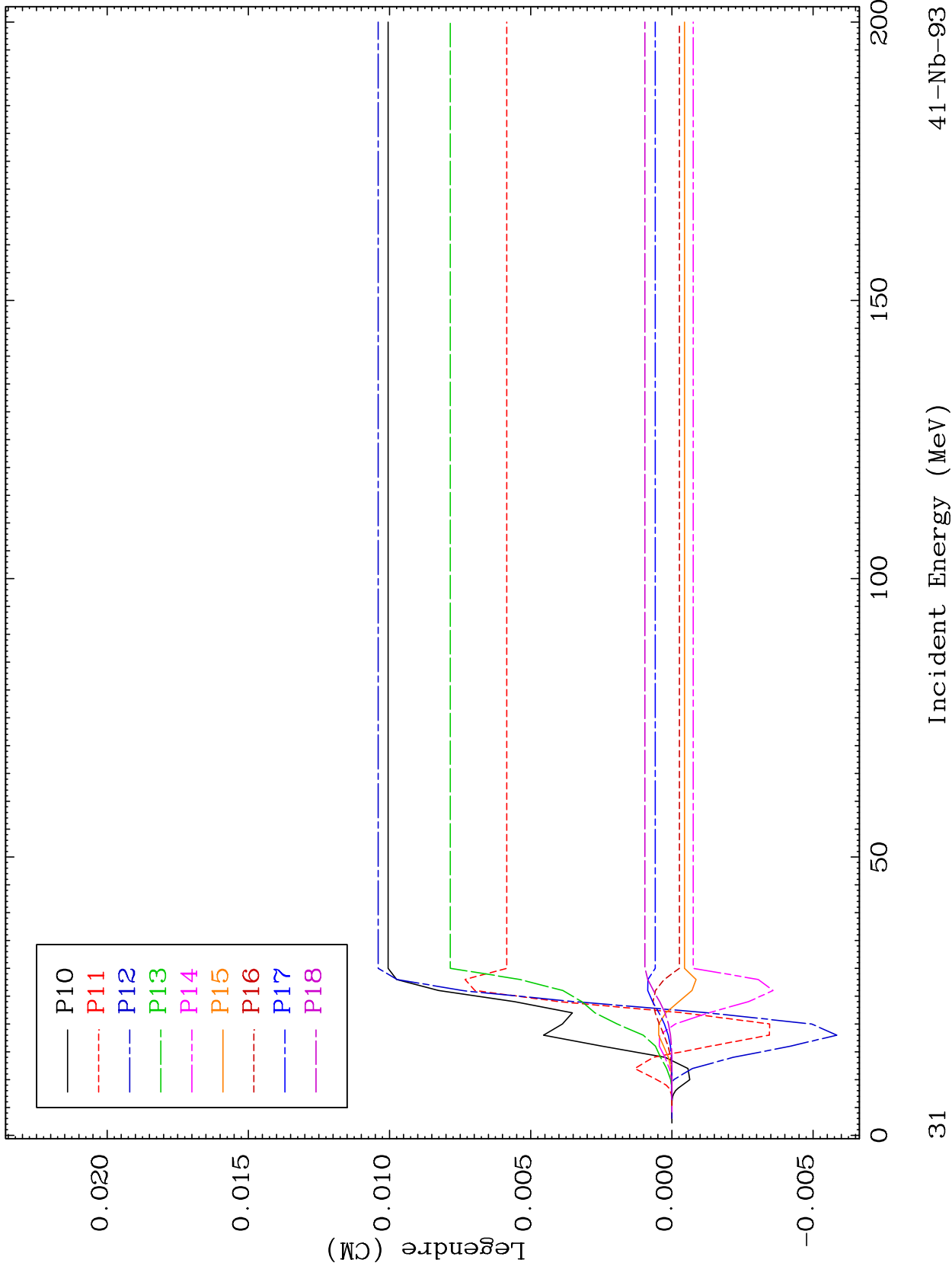
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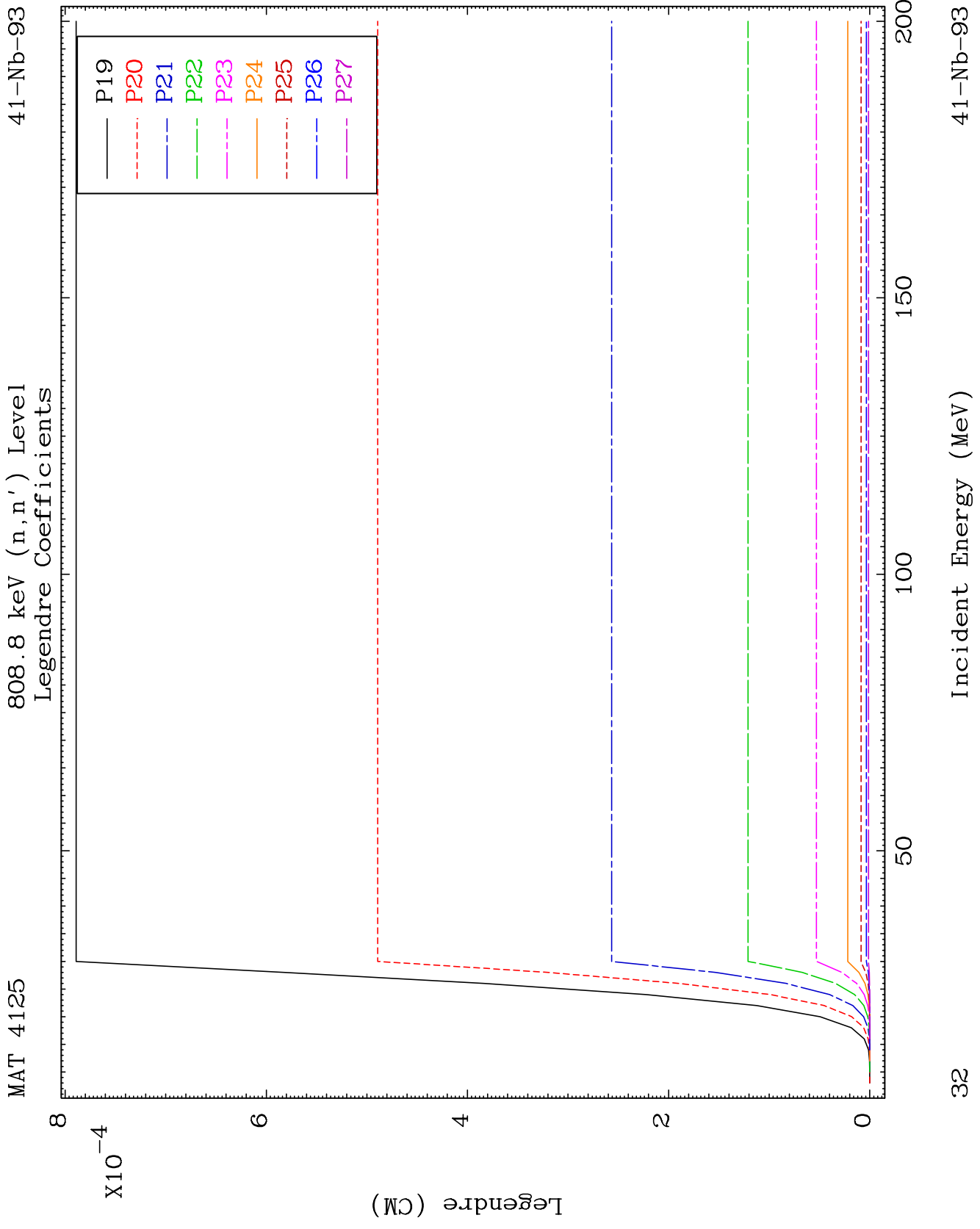


41-Nb-93

Incident Energy (MeV)

30

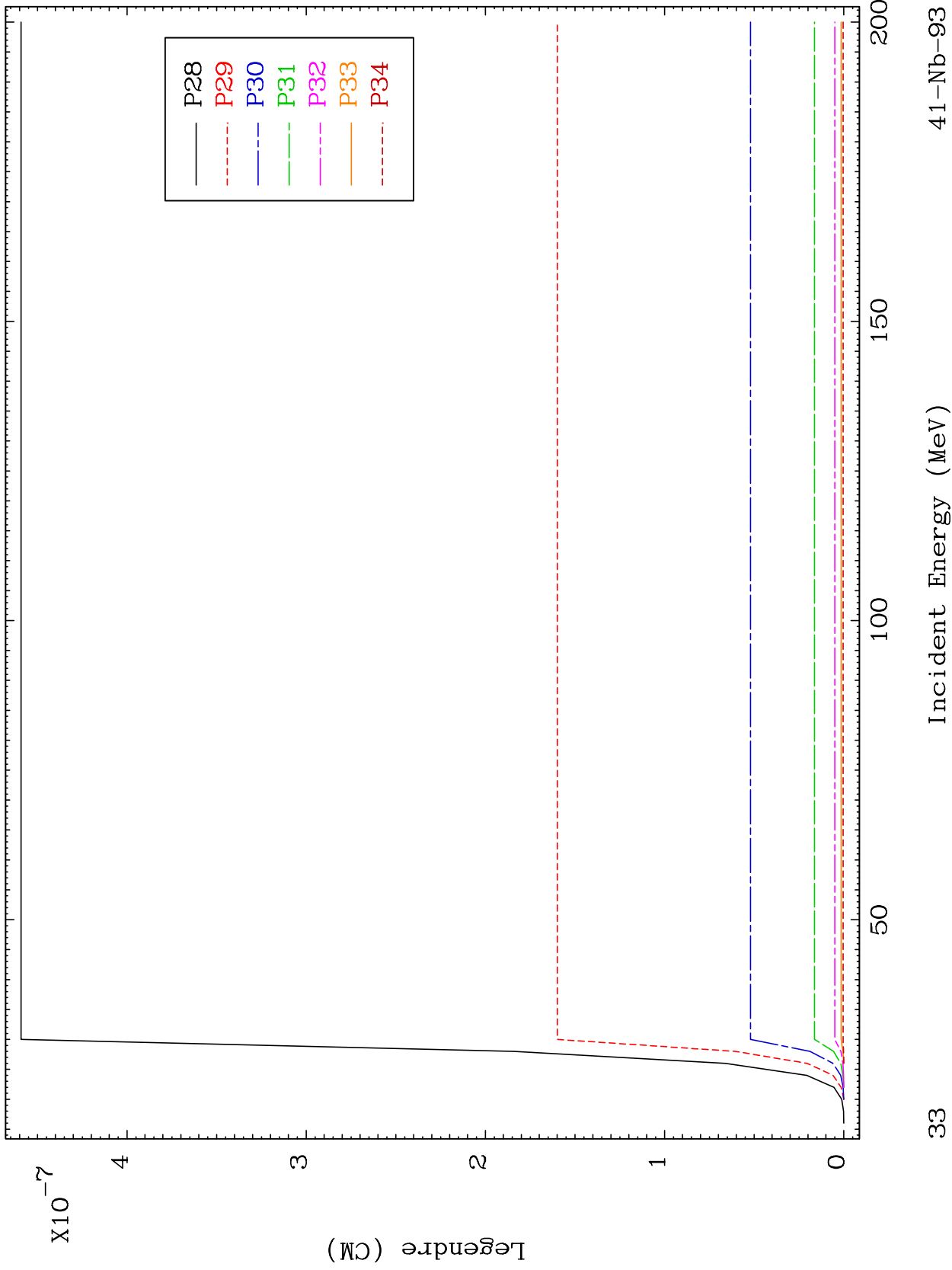


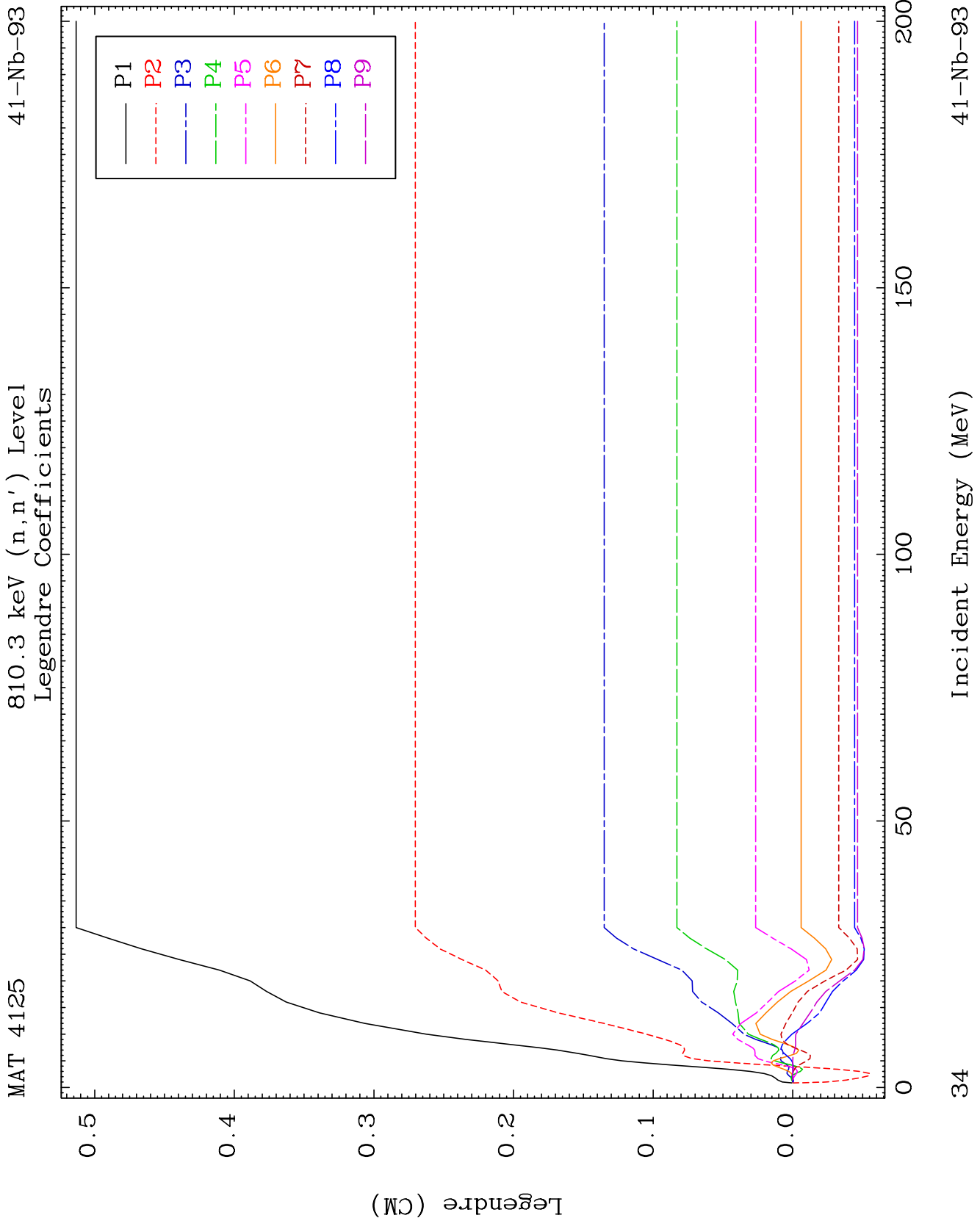


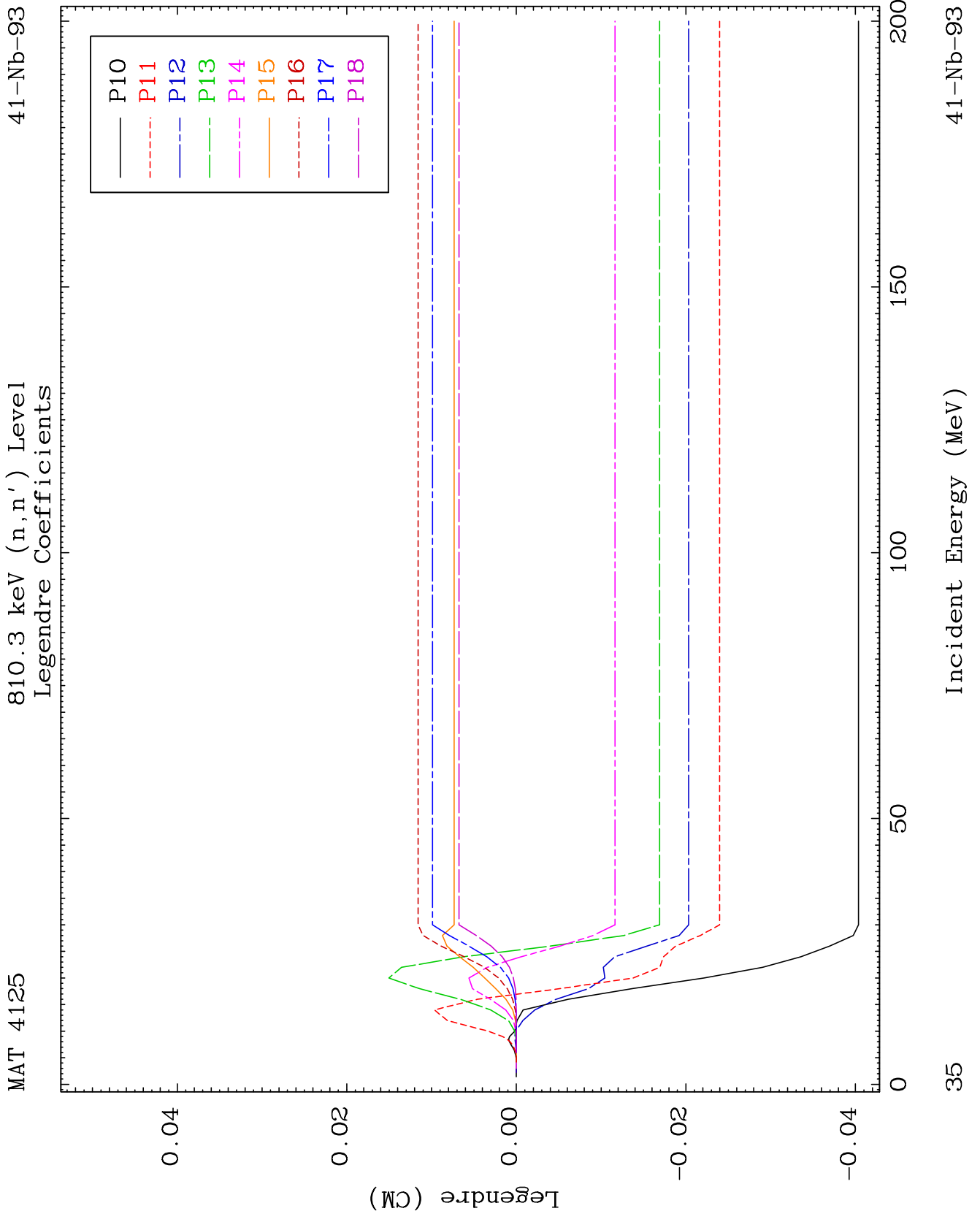
MAT 4125

808.8 keV (n,n') Level
Legendre Coefficients

41-Nb-93



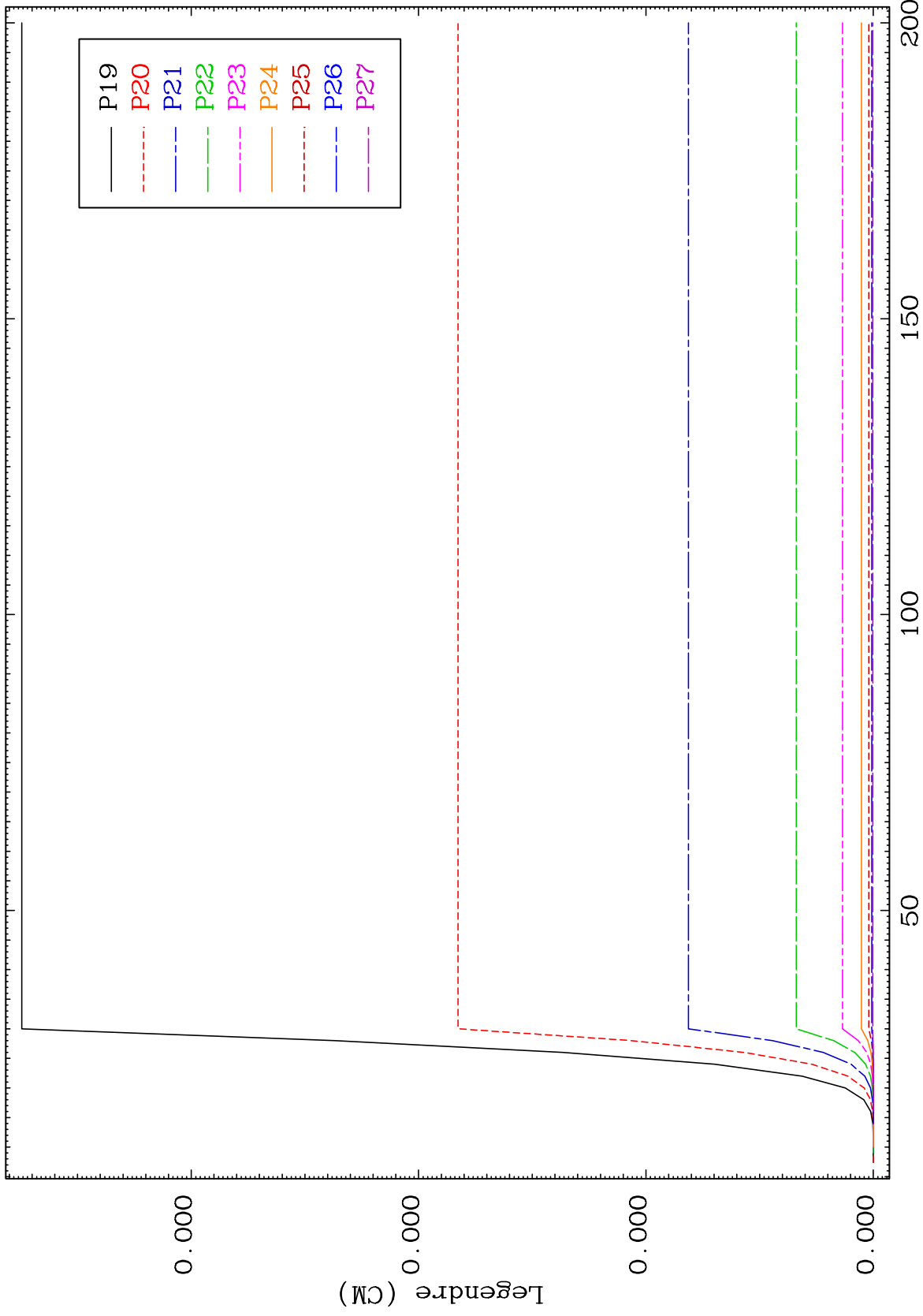




MAT 4125

810.3 keV (n,n') Level
Legendre Coefficients

41-Nb-93



36

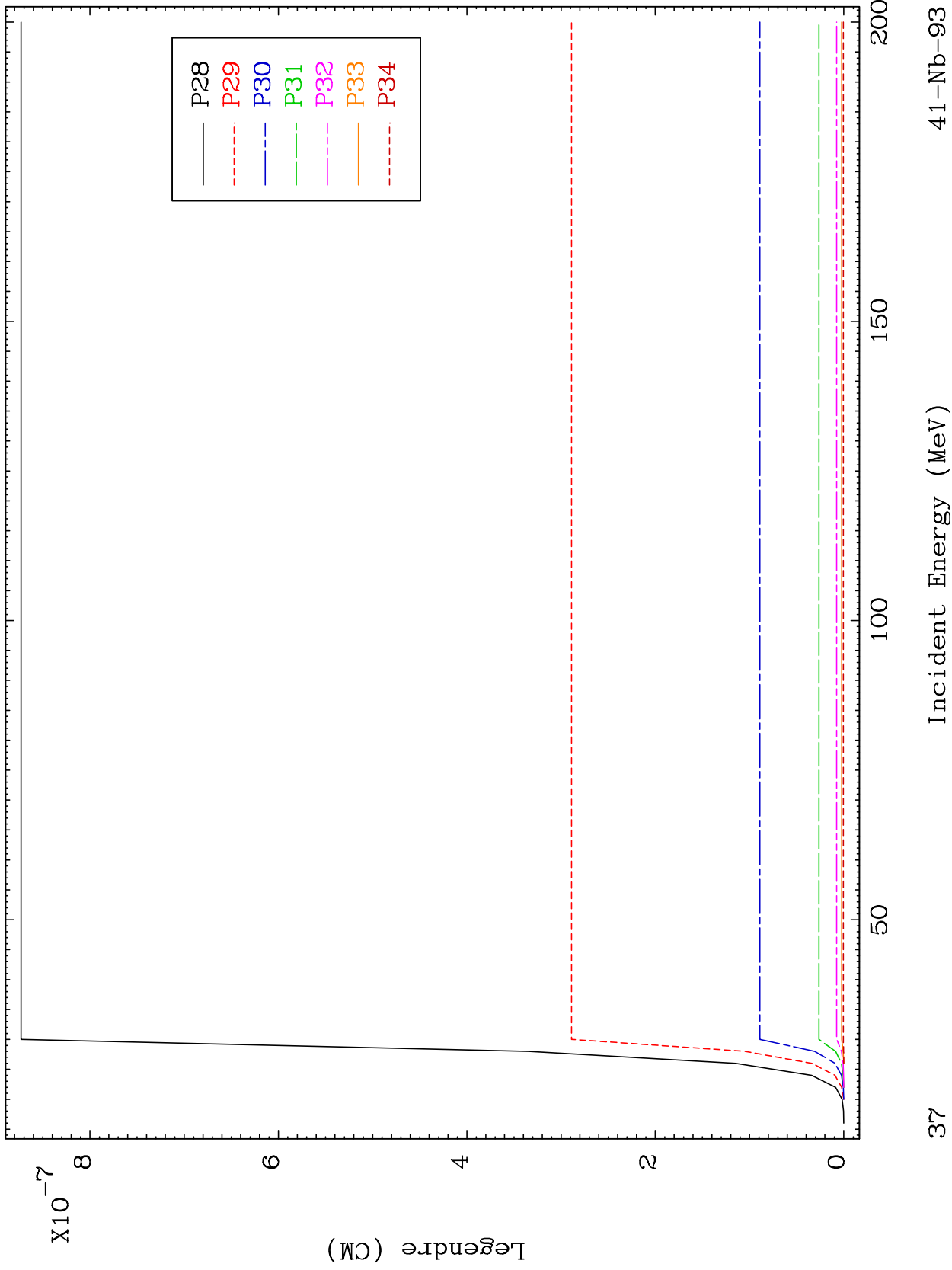
Incident Energy (MeV)

41-Nb-93

MAT 4125

810.3 keV (n, n') Level
Legendre Coefficients

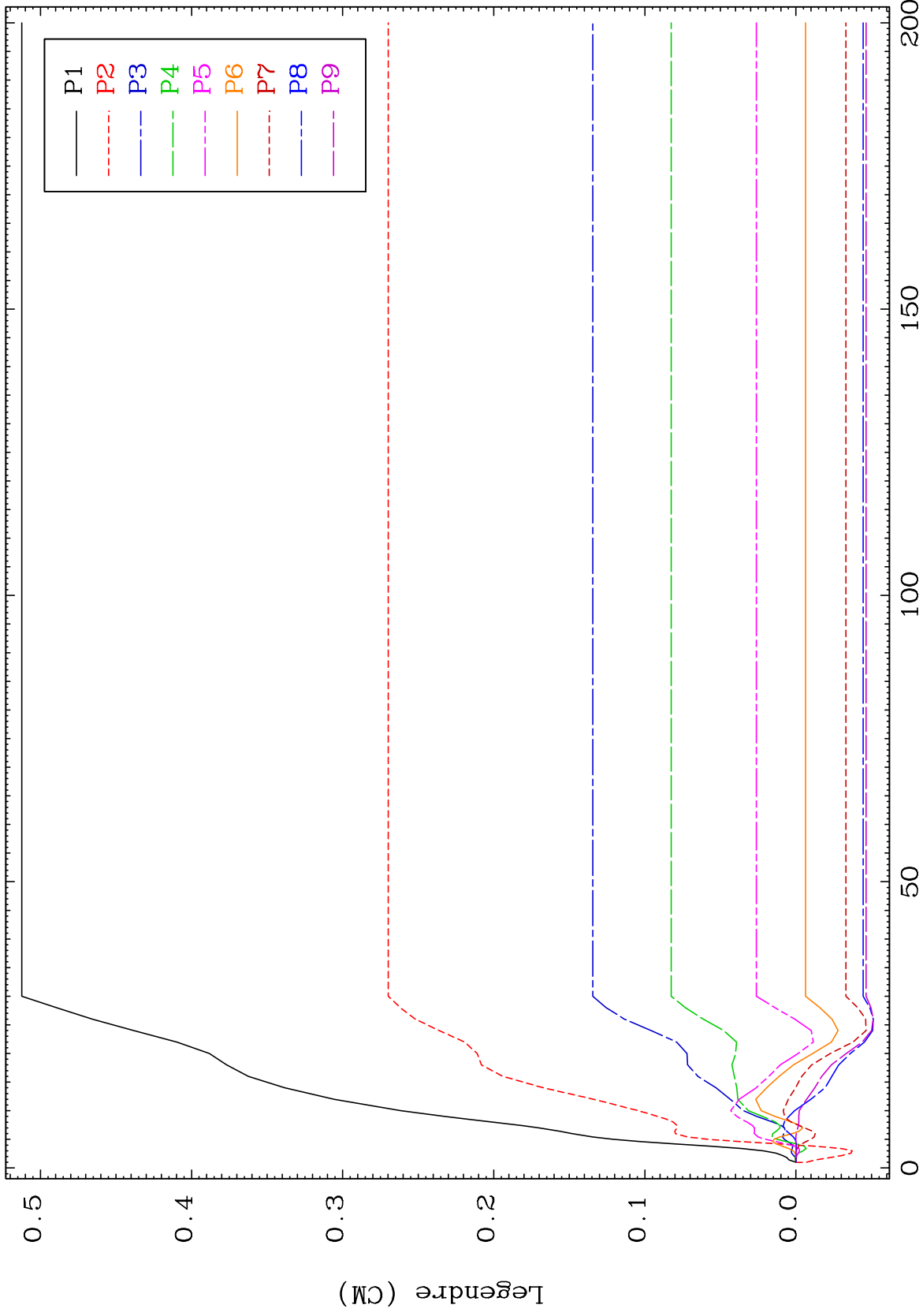
41-Nb-93



MAT 4125

949.8 keV (n, n') Level
Legendre Coefficients

41-Nb-93



38

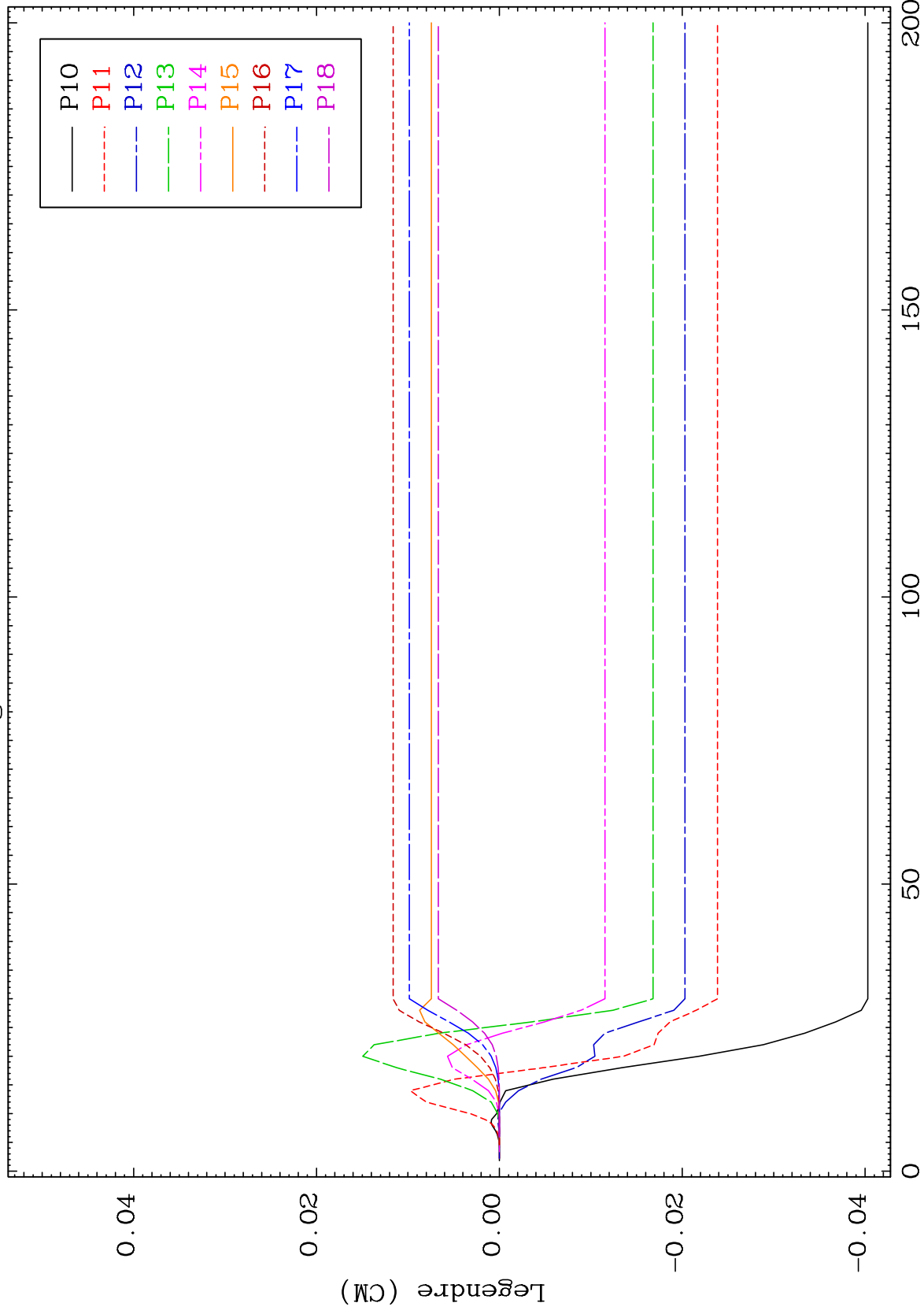
Incident Energy (MeV)

41-Nb-93

MAT 4125

949.8 keV (n,n') Level
Legendre Coefficients

41-Nb-93



39

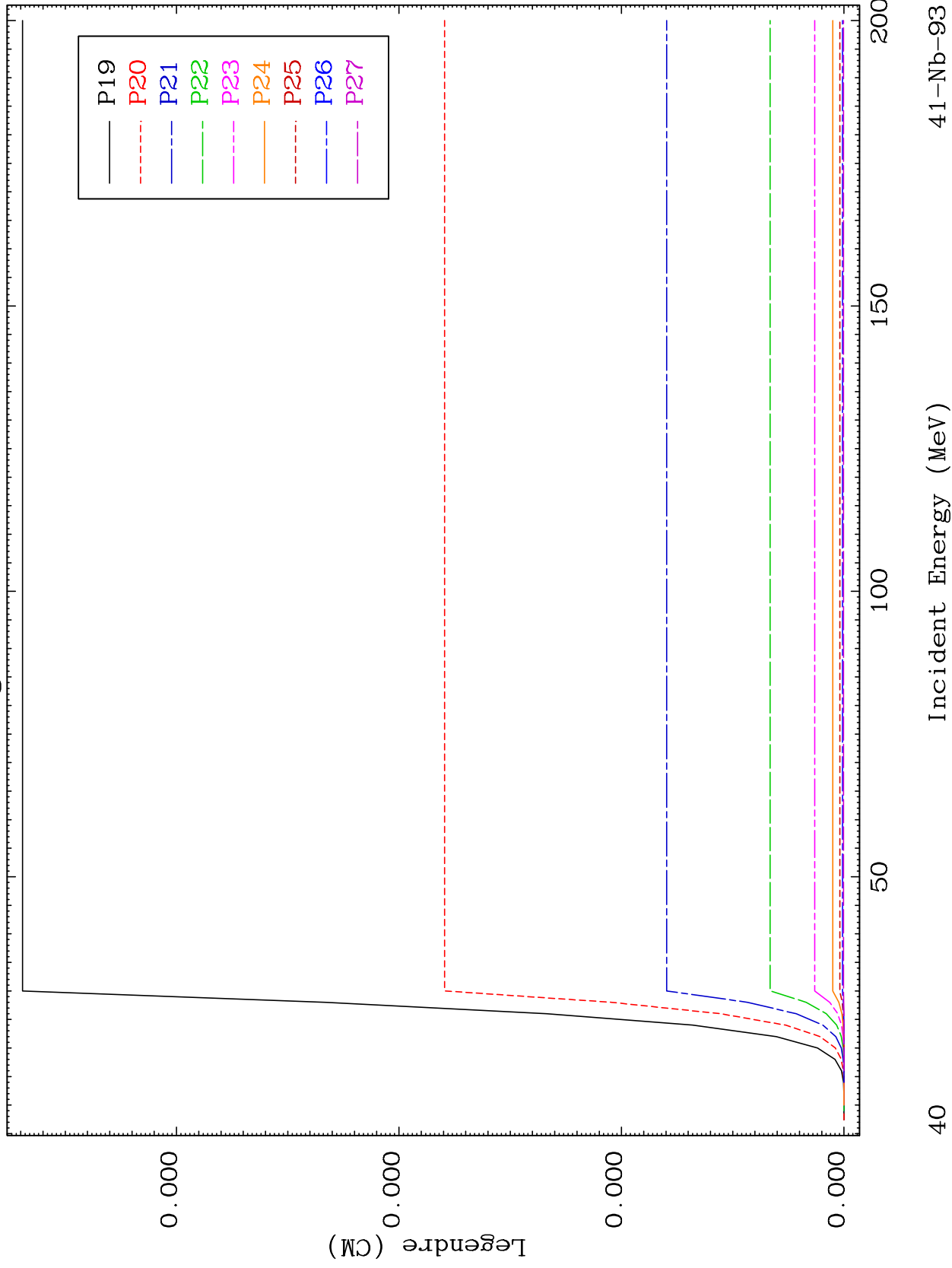
Incident Energy (MeV)

41-Nb-93

MAT 4125

949.8 keV (n,n') Level
Legendre Coefficients

41-Nb-93



40

Incident Energy (MeV)

50

100

150

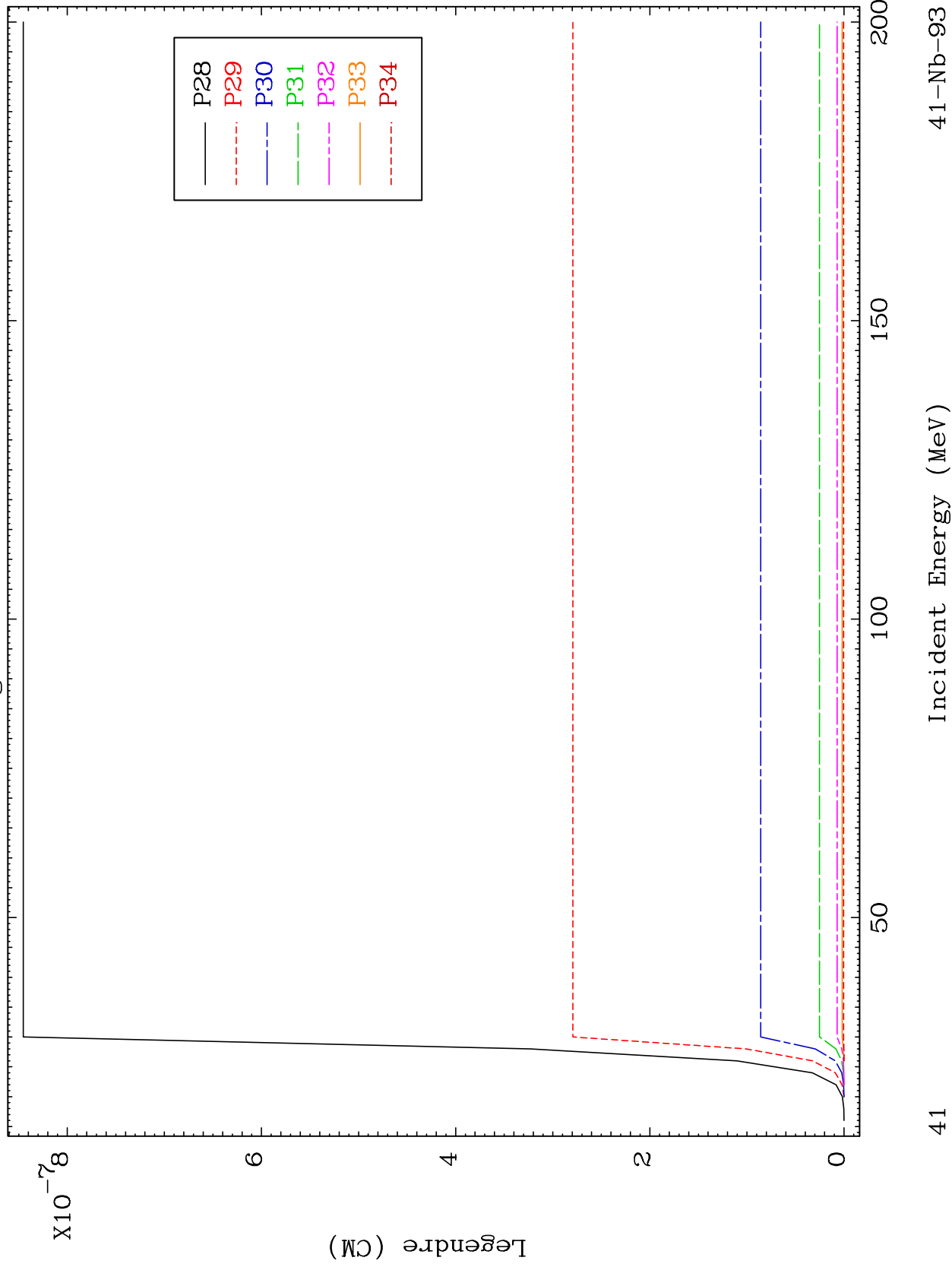
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41-Nb-93

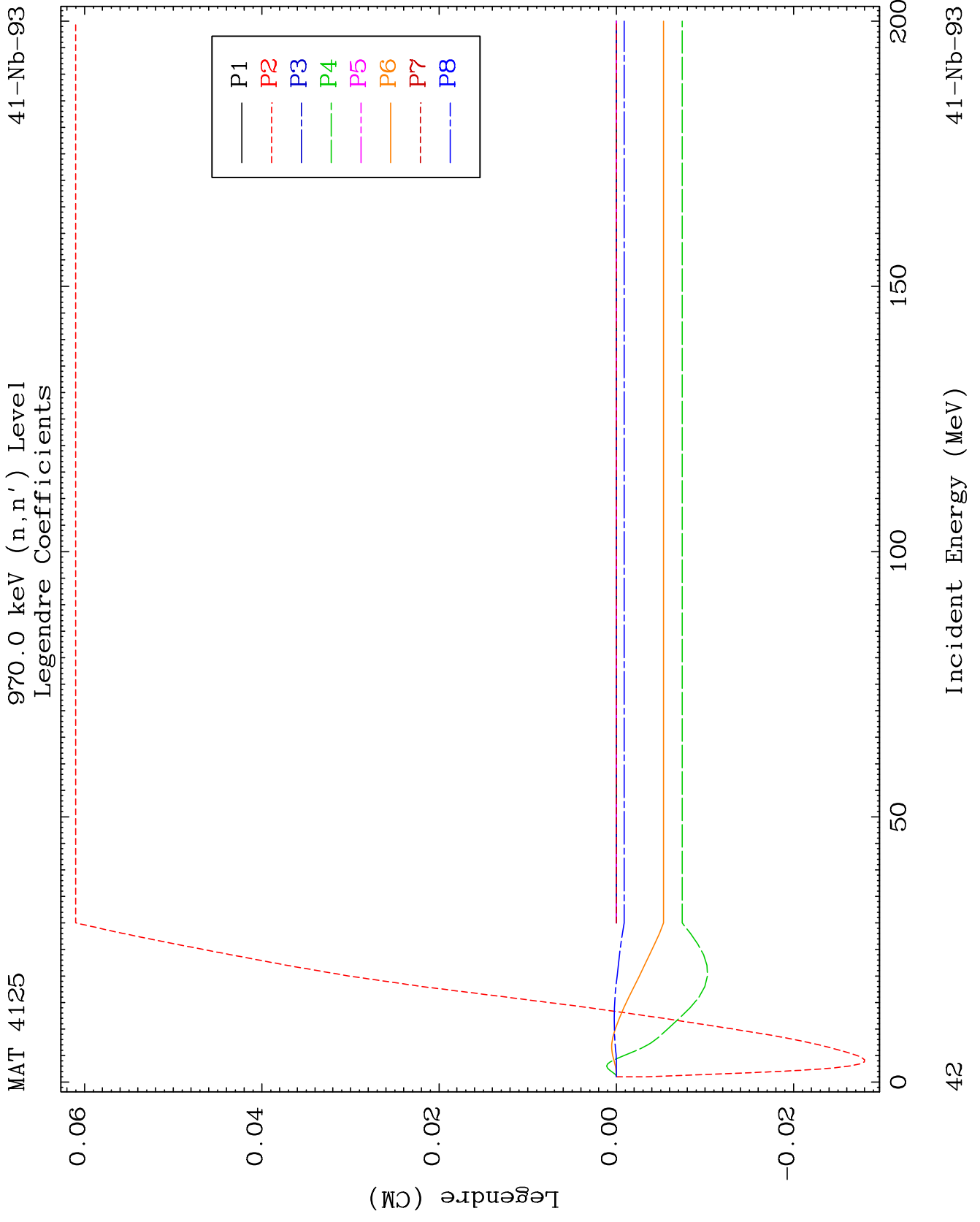
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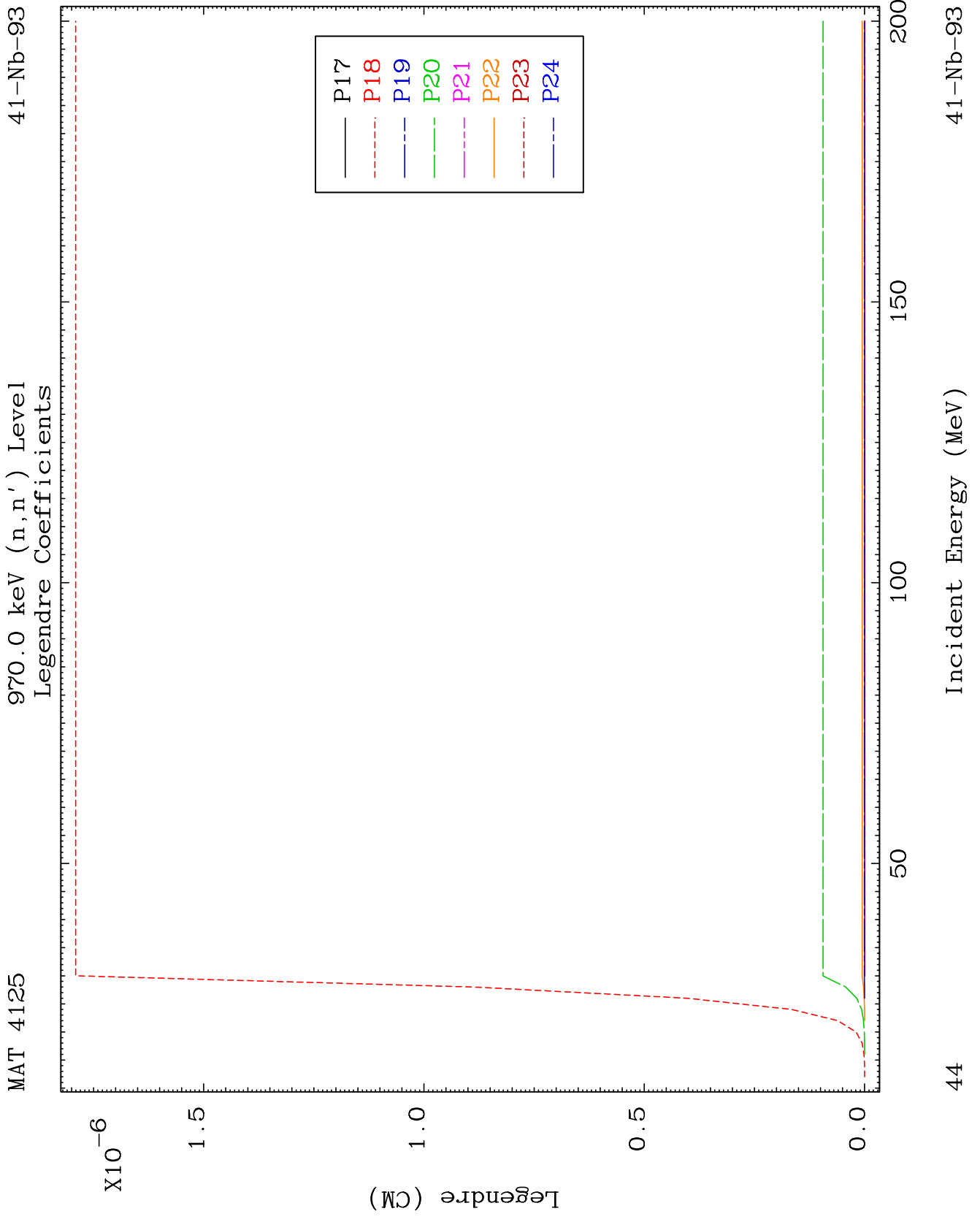
949.8 keV (n,n') Level
Legendre Coefficients

41-Nb-93



41

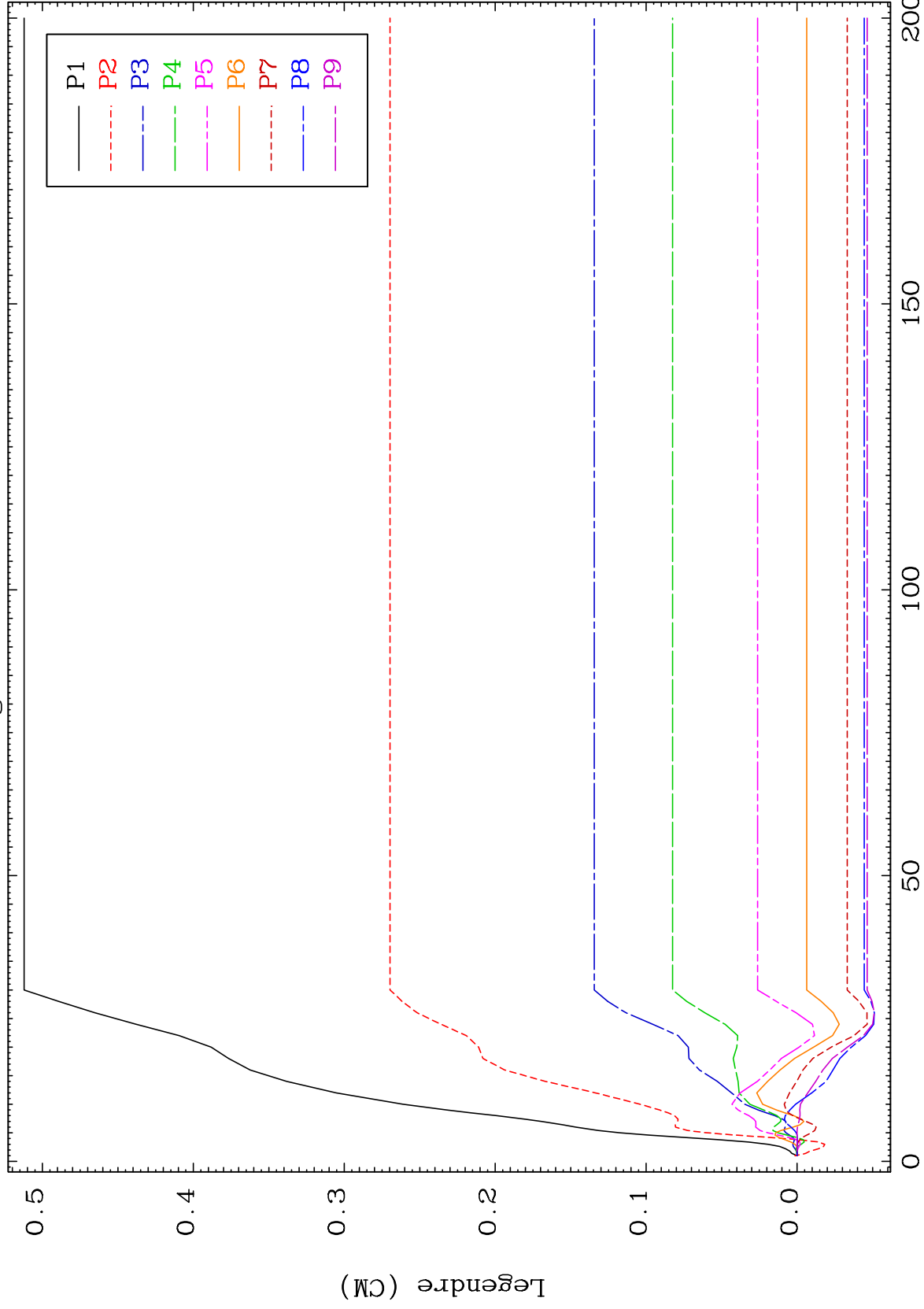




MAT 4125

978.9 keV (n, n') Level
Legendre Coefficients

41-Nb-93



45

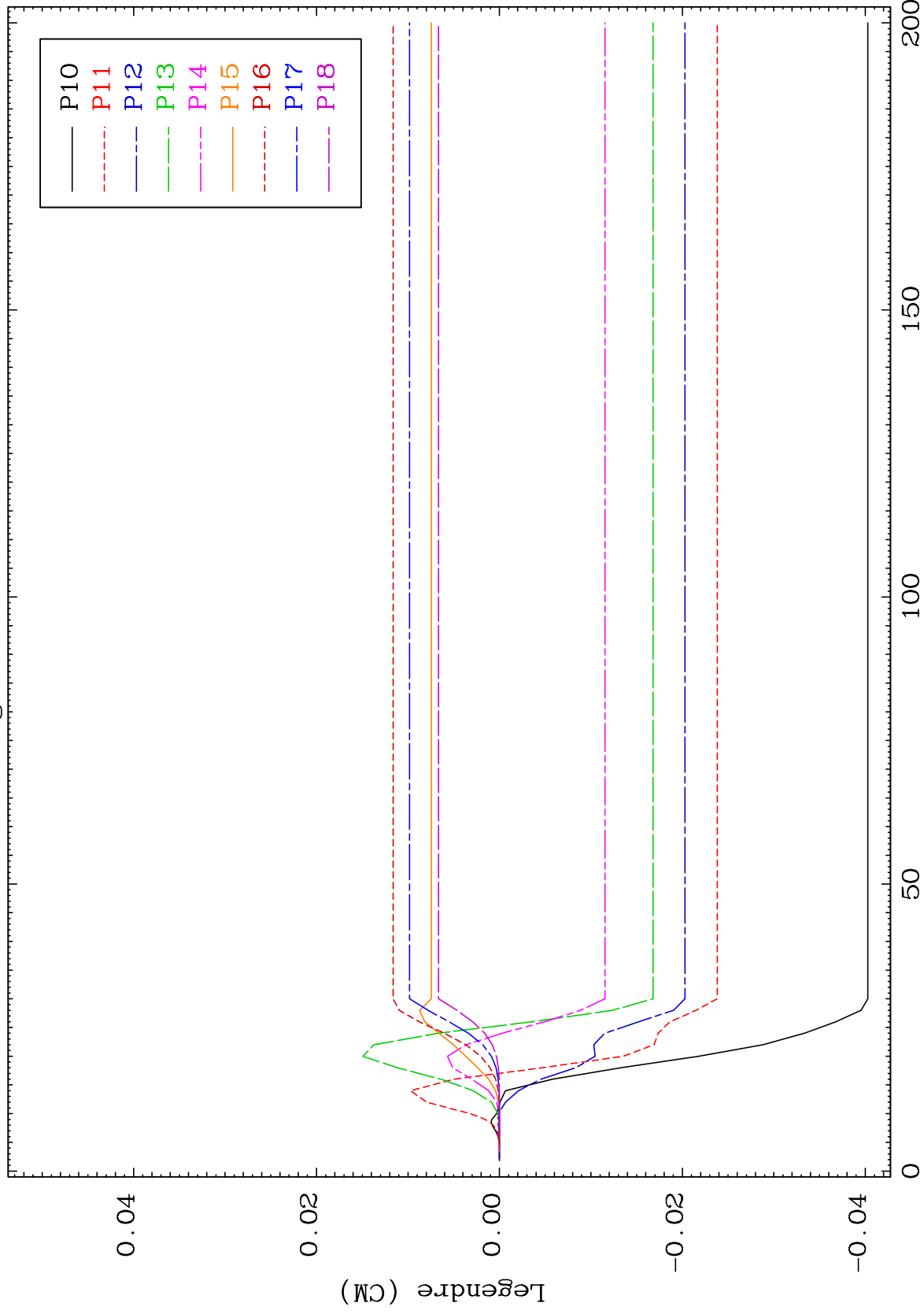
Incident Energy (MeV)

41-Nb-93

MAT 4125

978.9 keV (n,n') Level
Legendre Coefficients

41-Nb-93



46

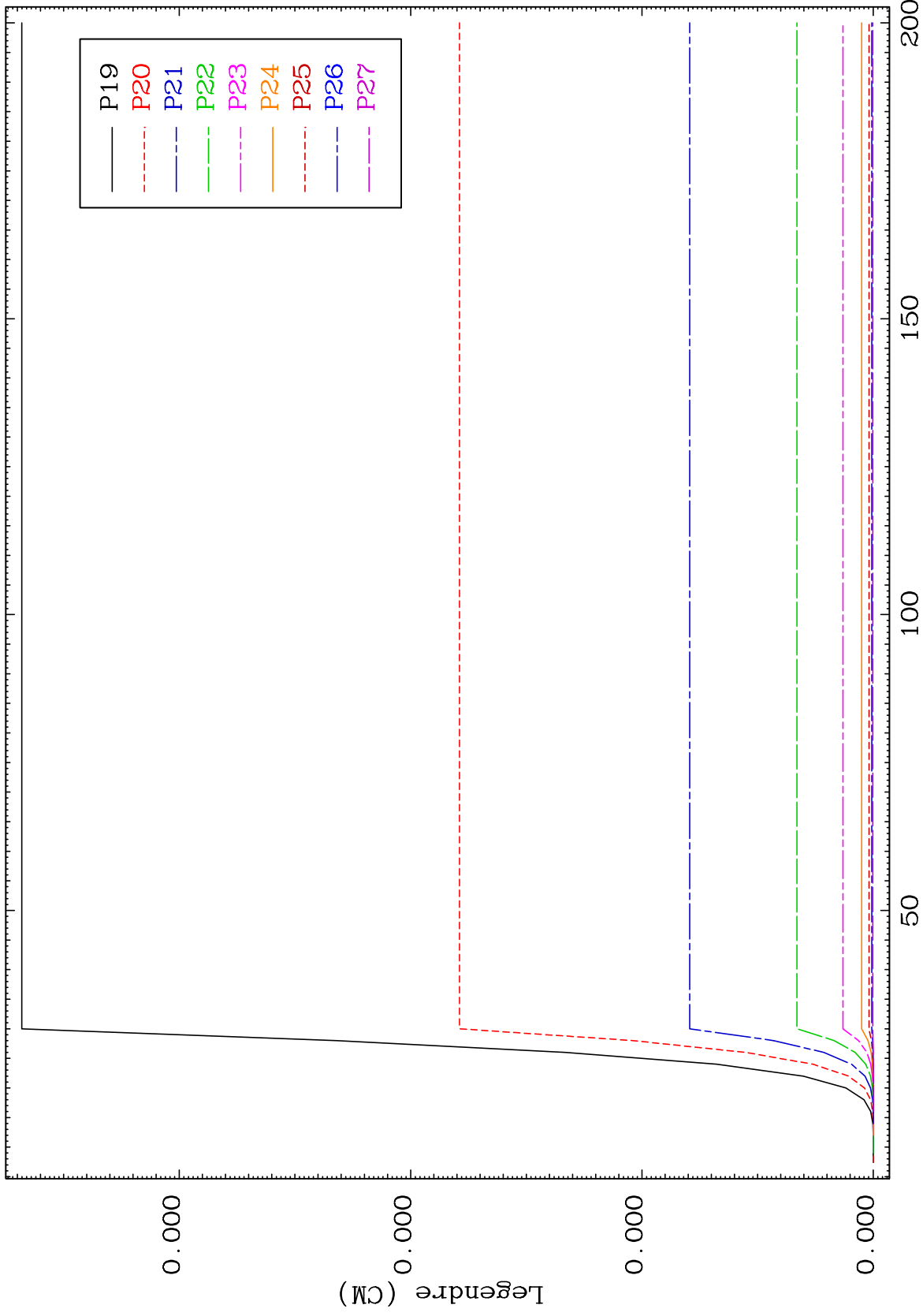
Incident Energy (MeV)

41-Nb-93

MAT 4125

978.9 keV (n,n') Level
Legendre Coefficients

41-Nb-93



47

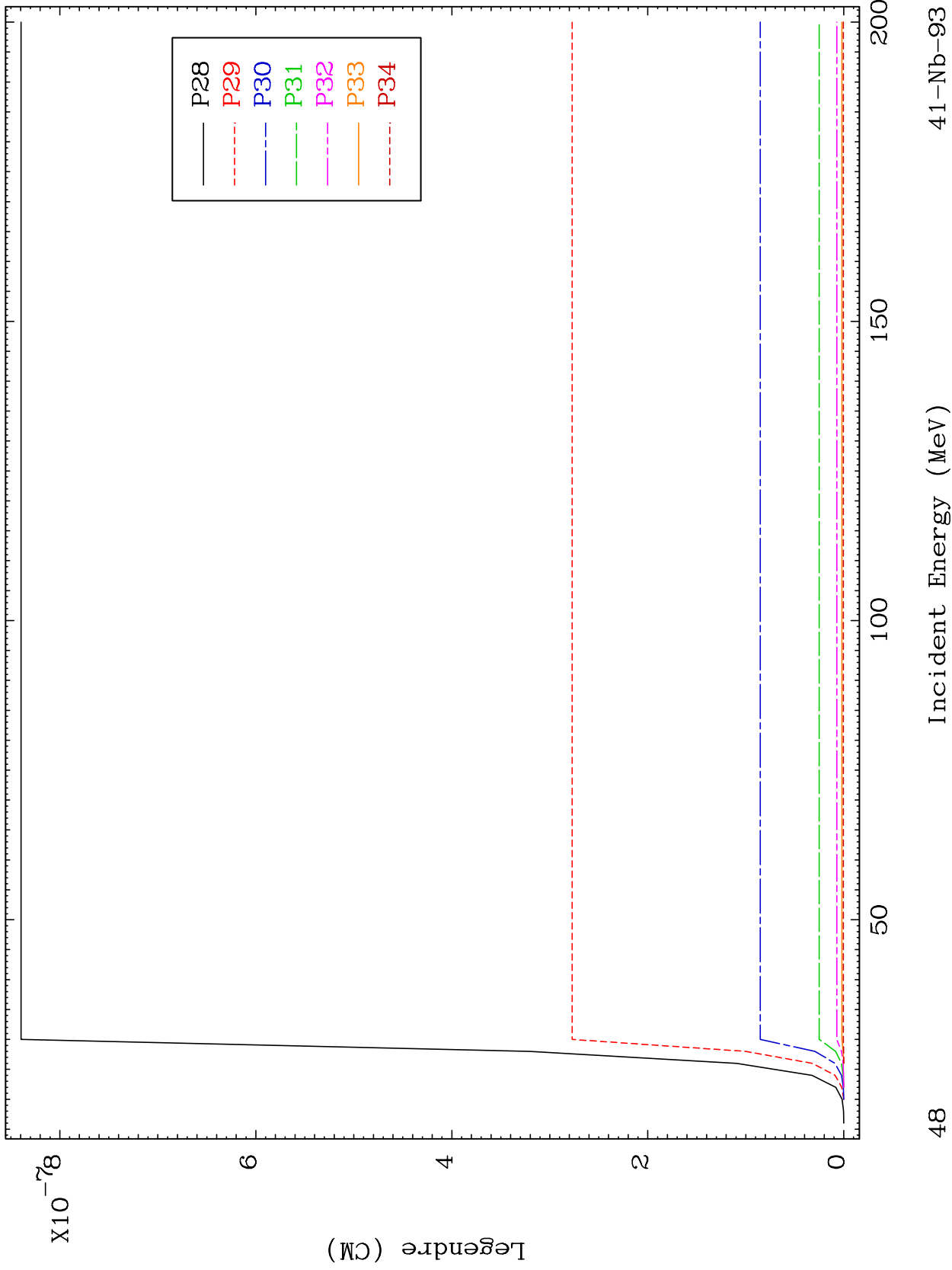
Incident Energy (MeV)

41-Nb-93

MAT 4125

978.9 keV (n, n') Level
Legendre Coefficients

41-Nb-93



48

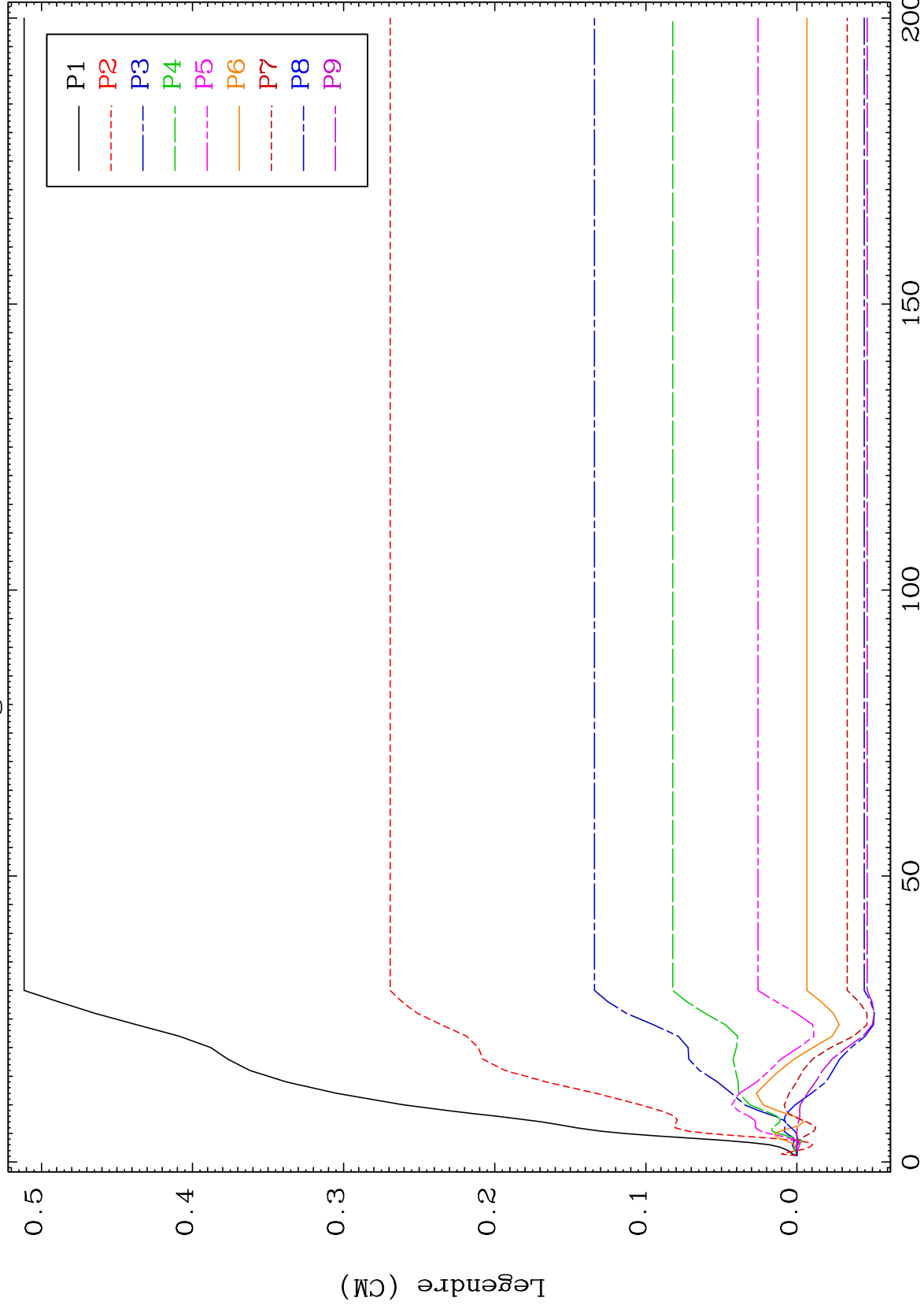
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.083 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



49

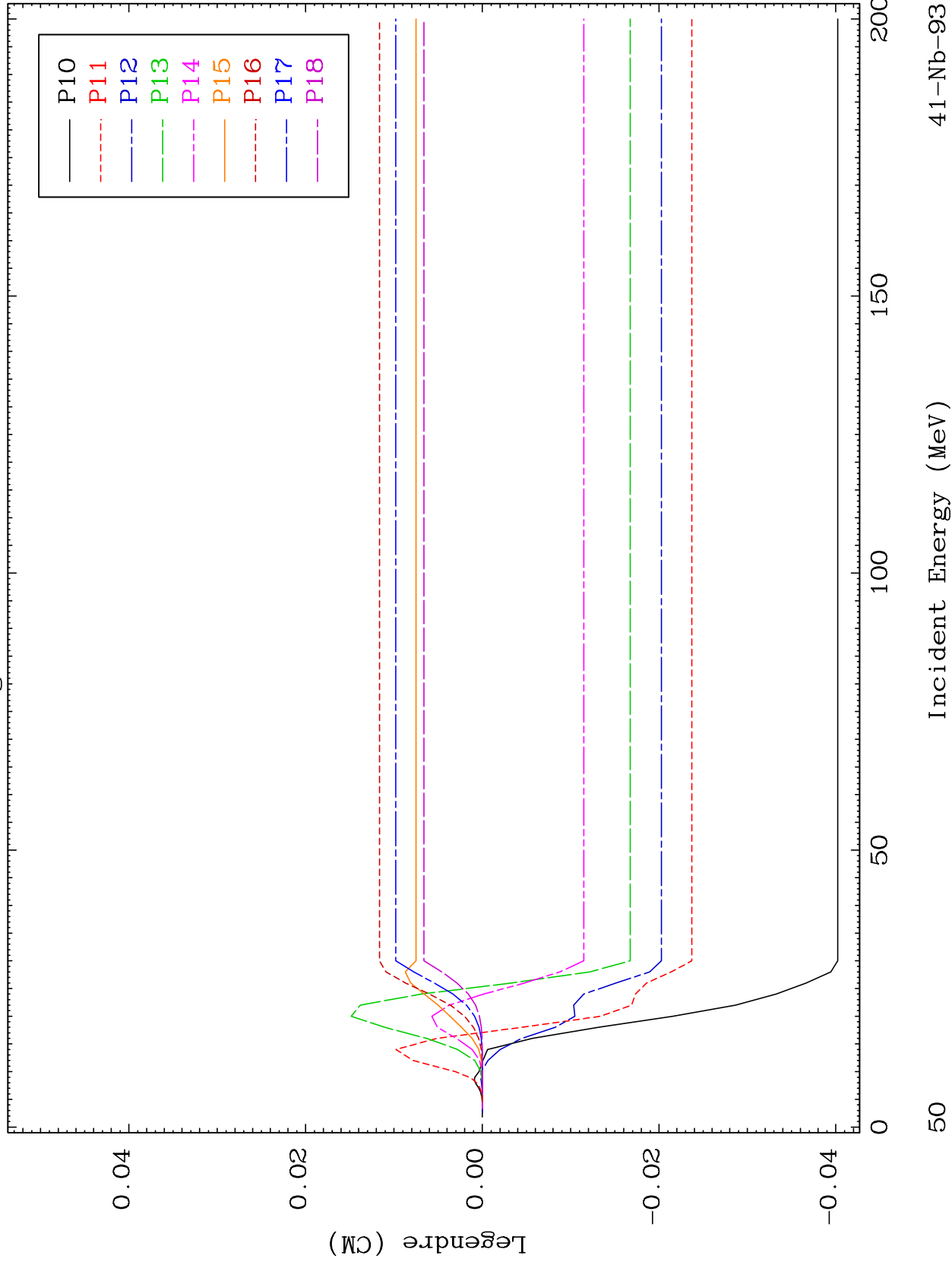
Incident Energy (MeV)

41-Nb-93

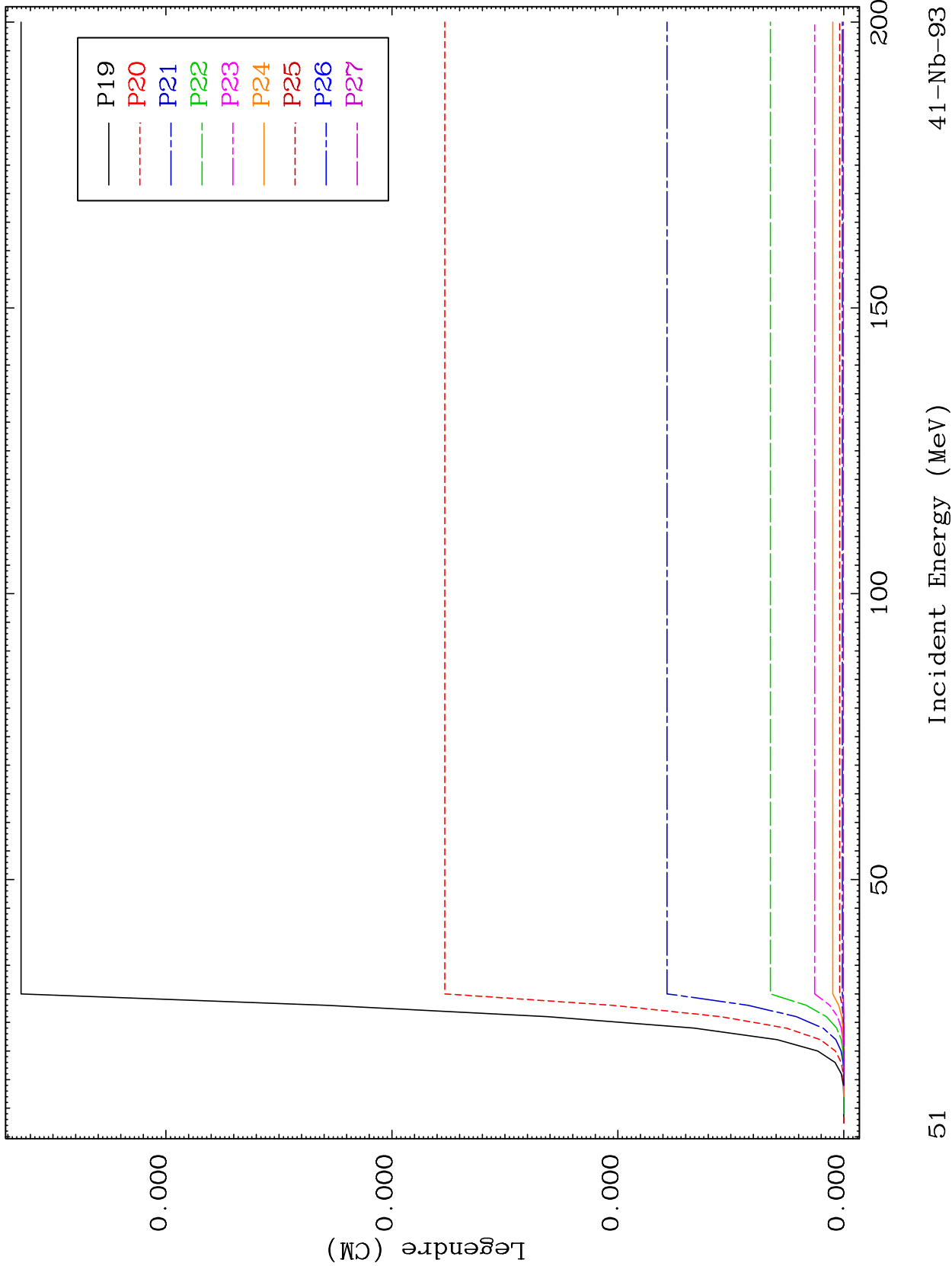
MAT 4125

1.083 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



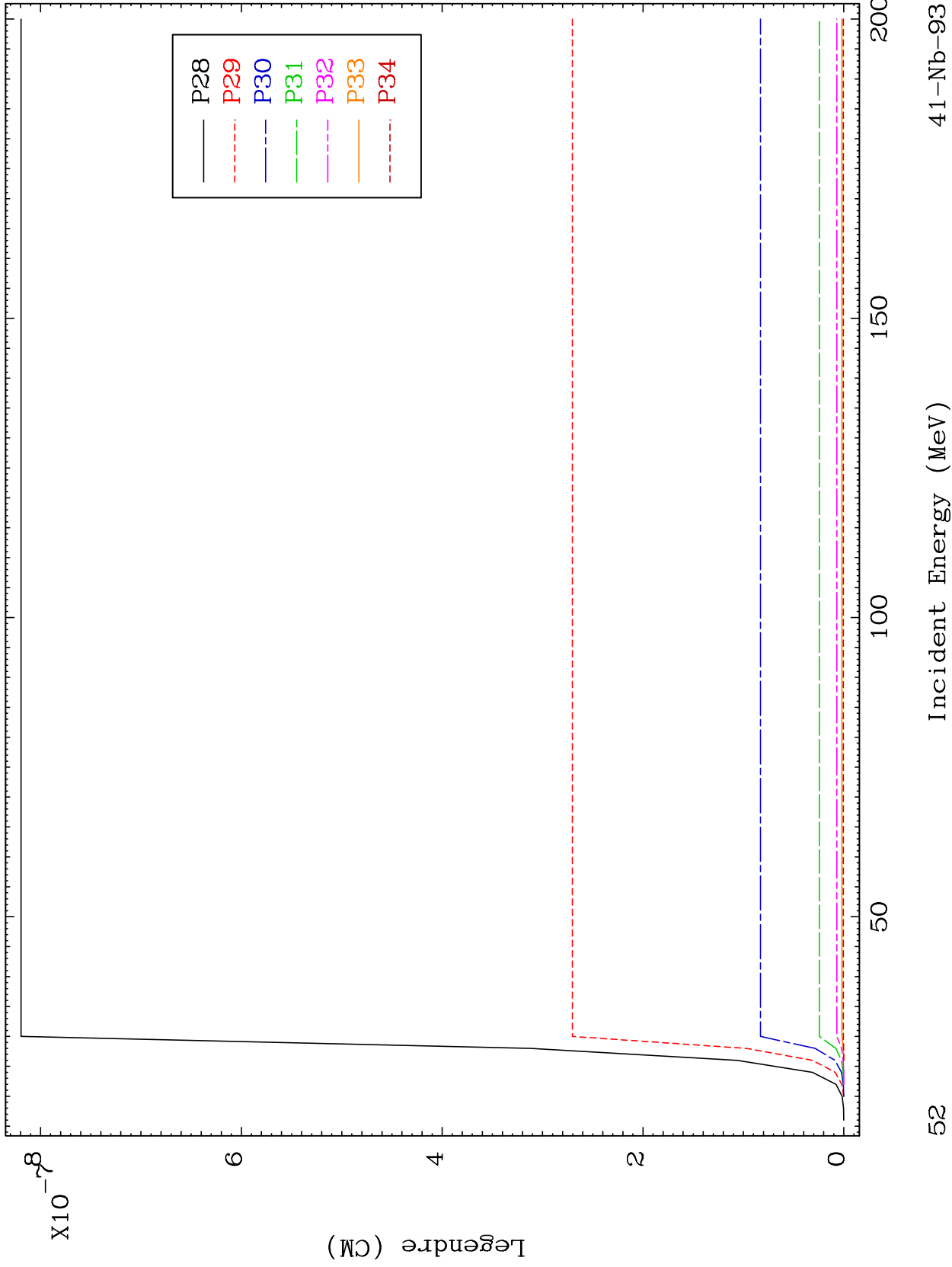
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MAT 4125

1.083 MeV (n,n') Level
Legendre Coefficients

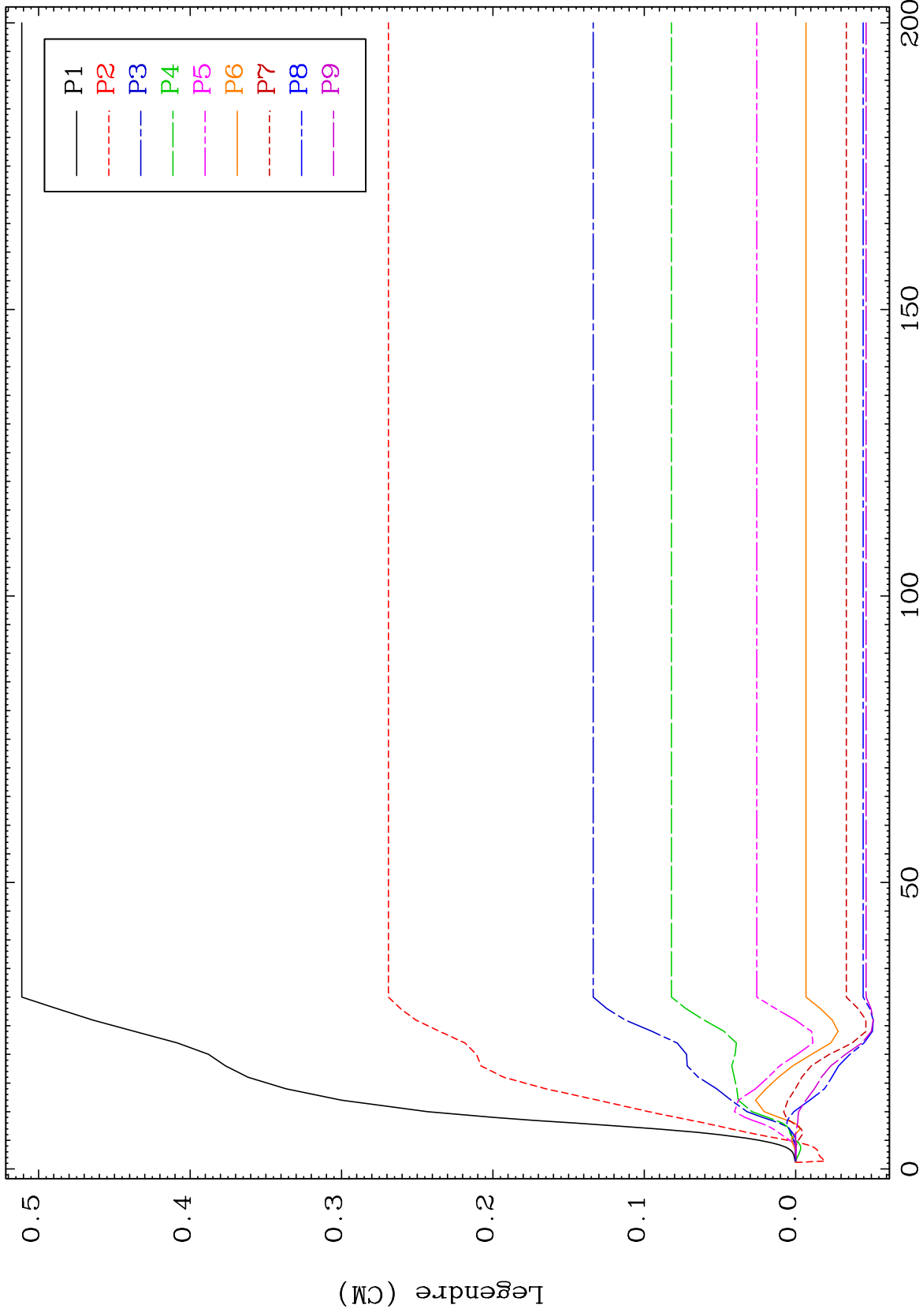
41-Nb-93



52

Incident Energy (MeV)

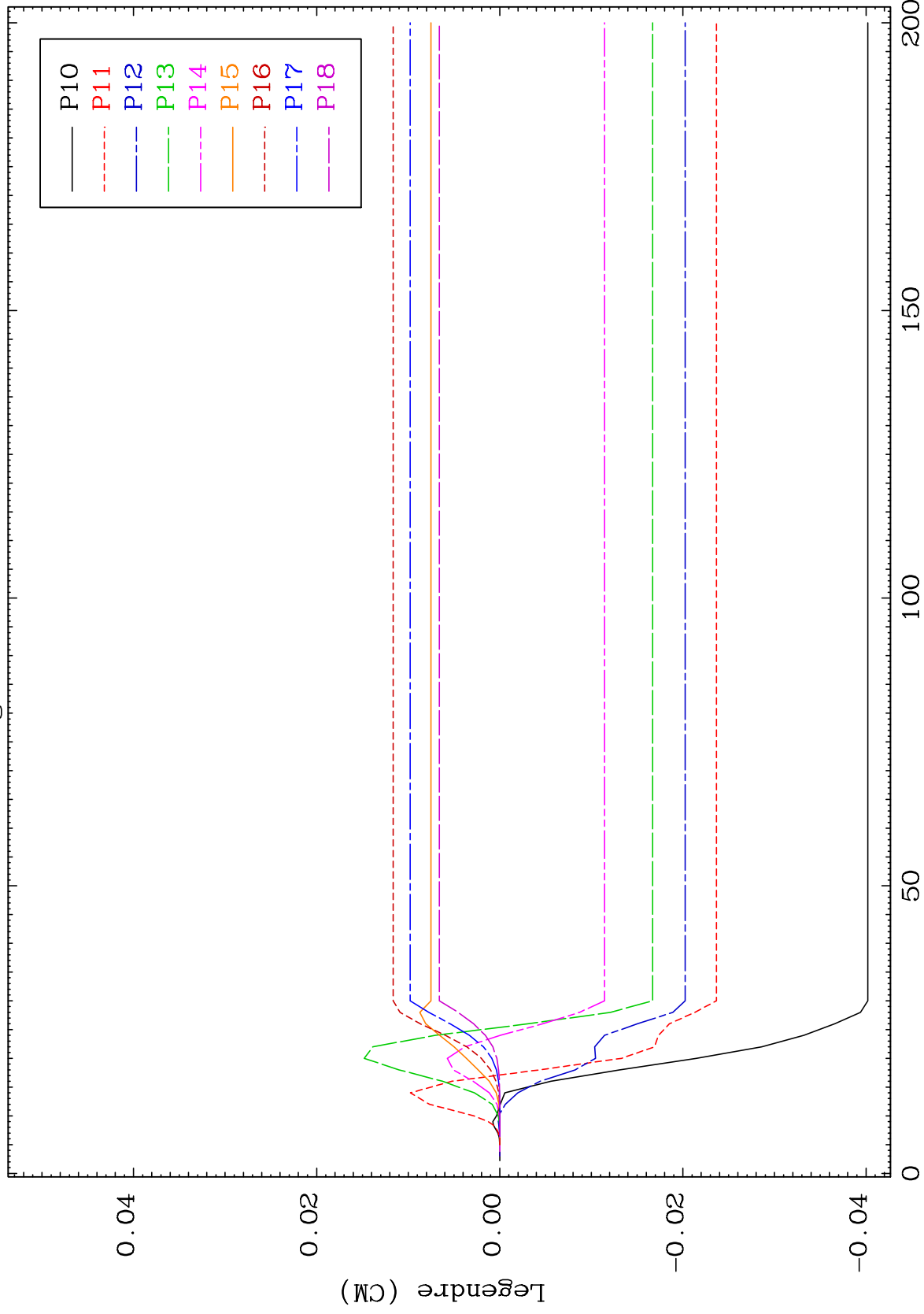
41-Nb-93



MAT 4125

1.127 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



54

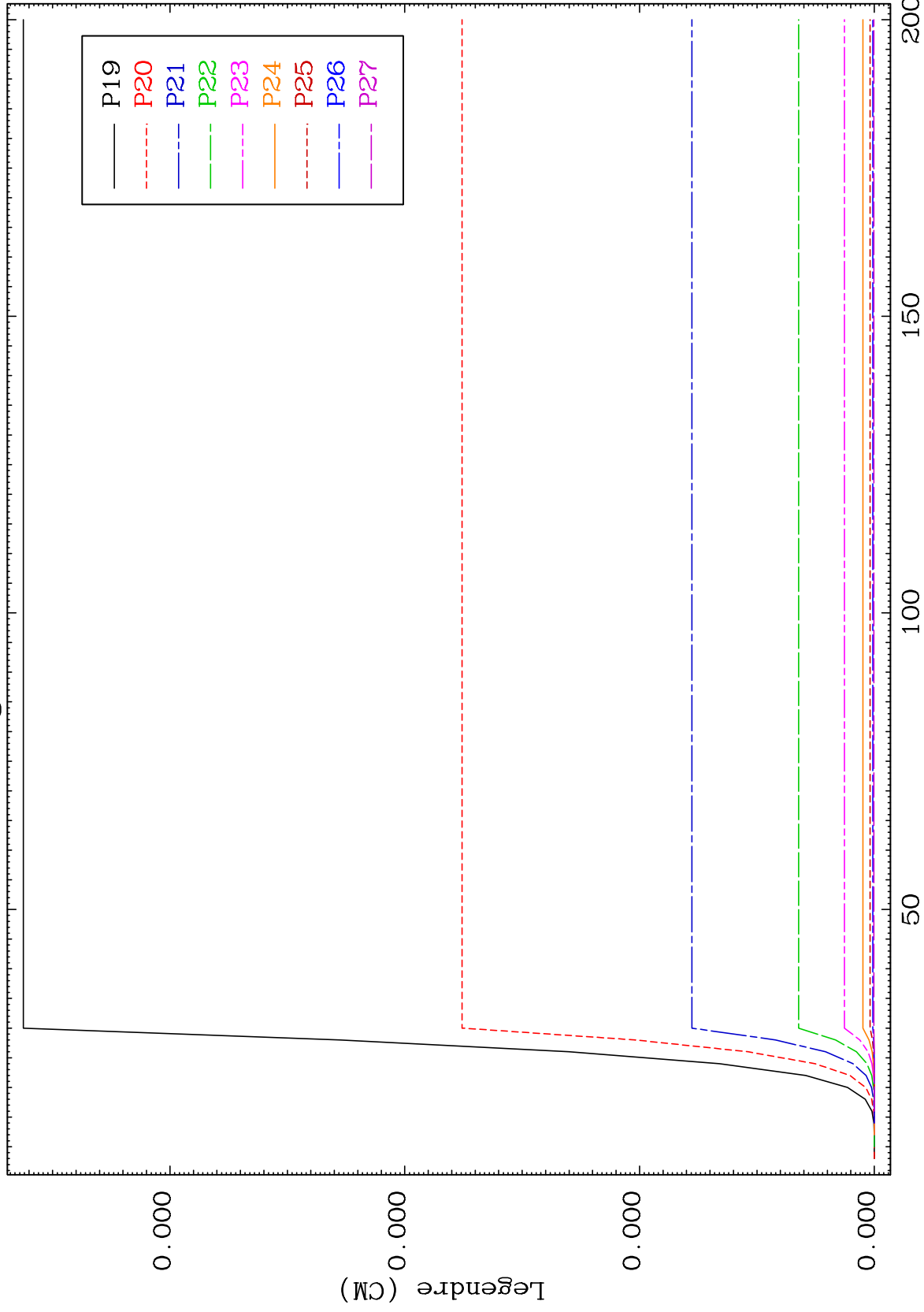
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.127 MeV (n,n') Level Legendre Coefficients

41-Nb-93



55

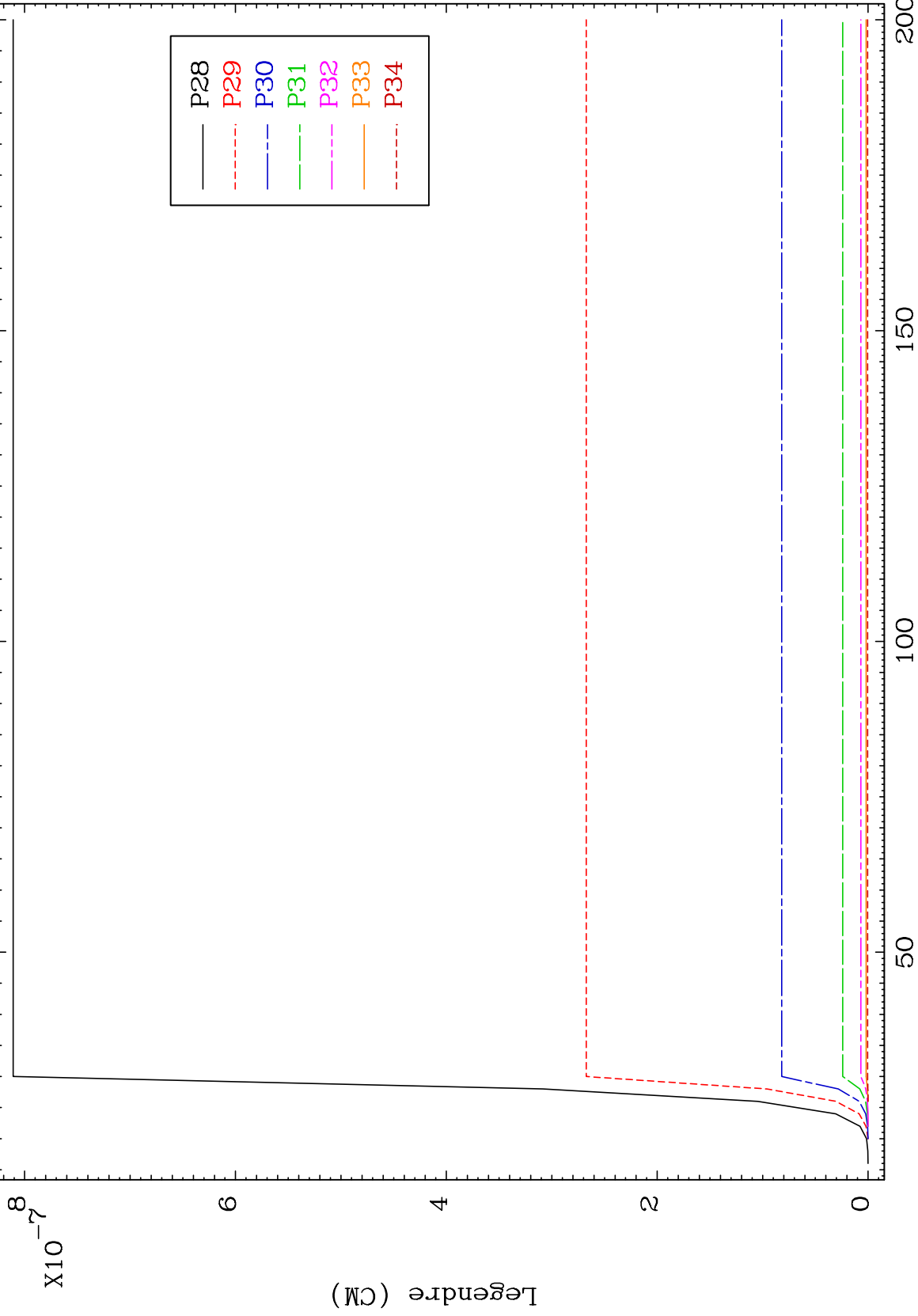
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.127 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



56

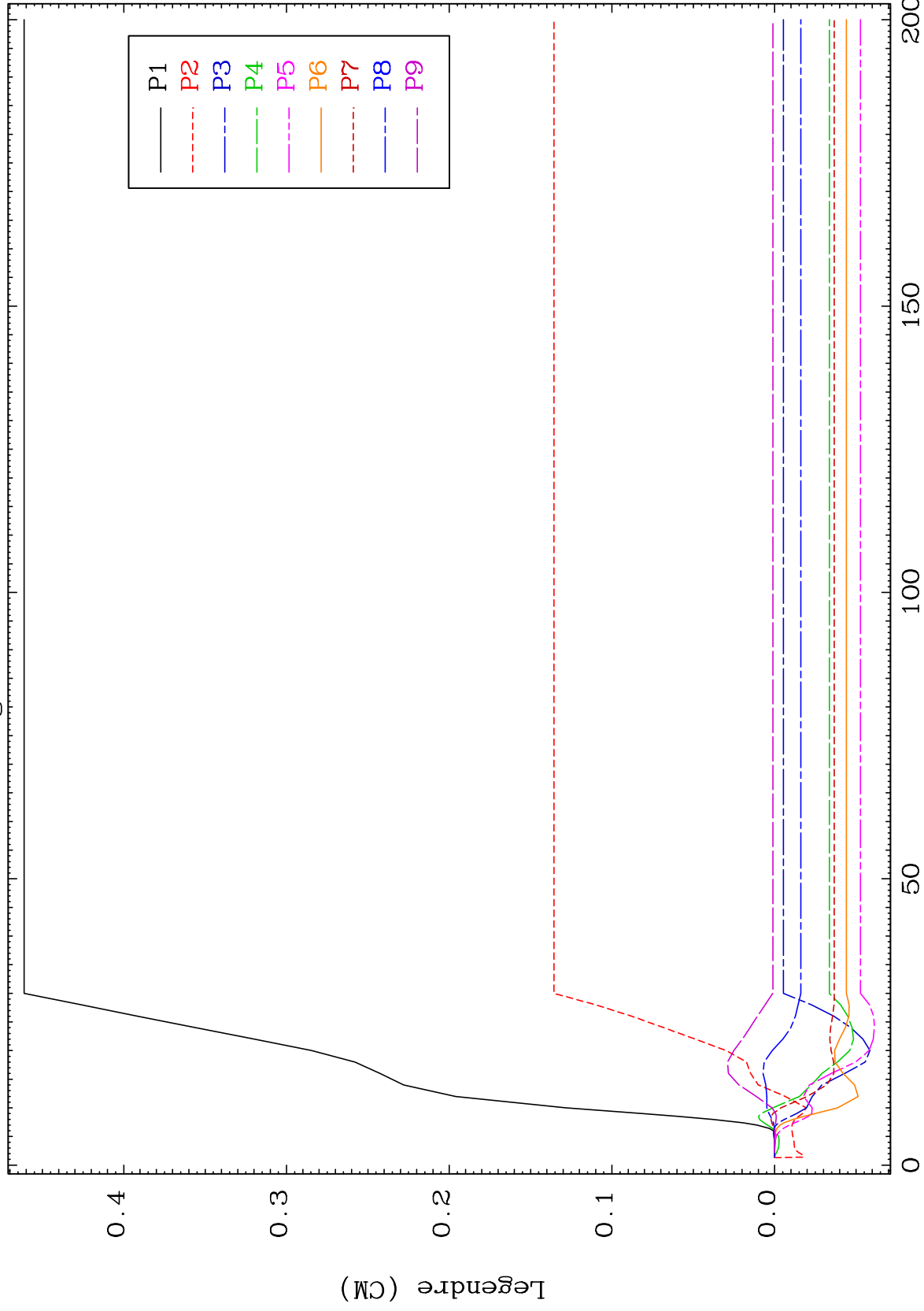
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.284 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



57

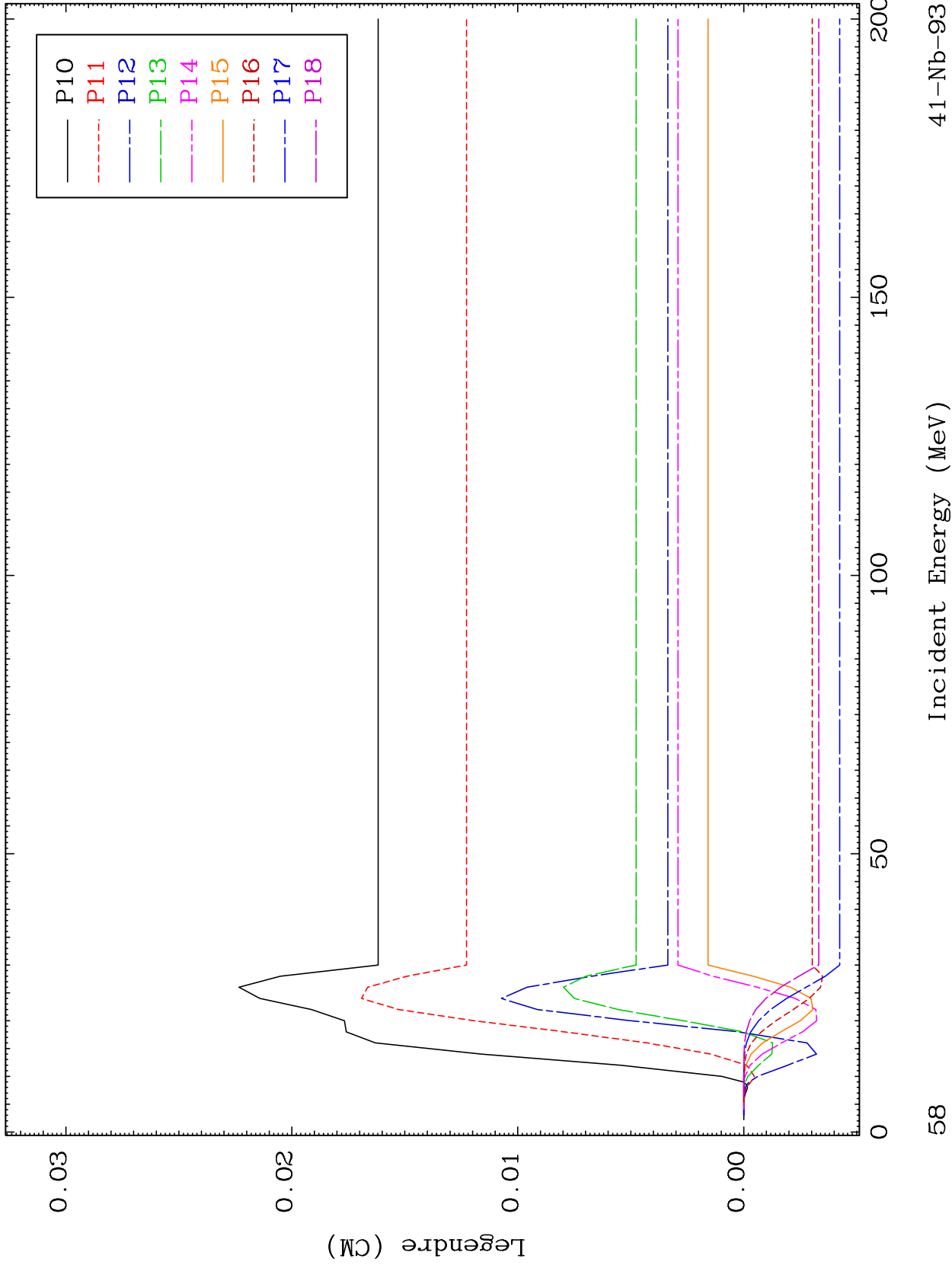
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.284 MeV (n,n') Level
Legendre Coefficients

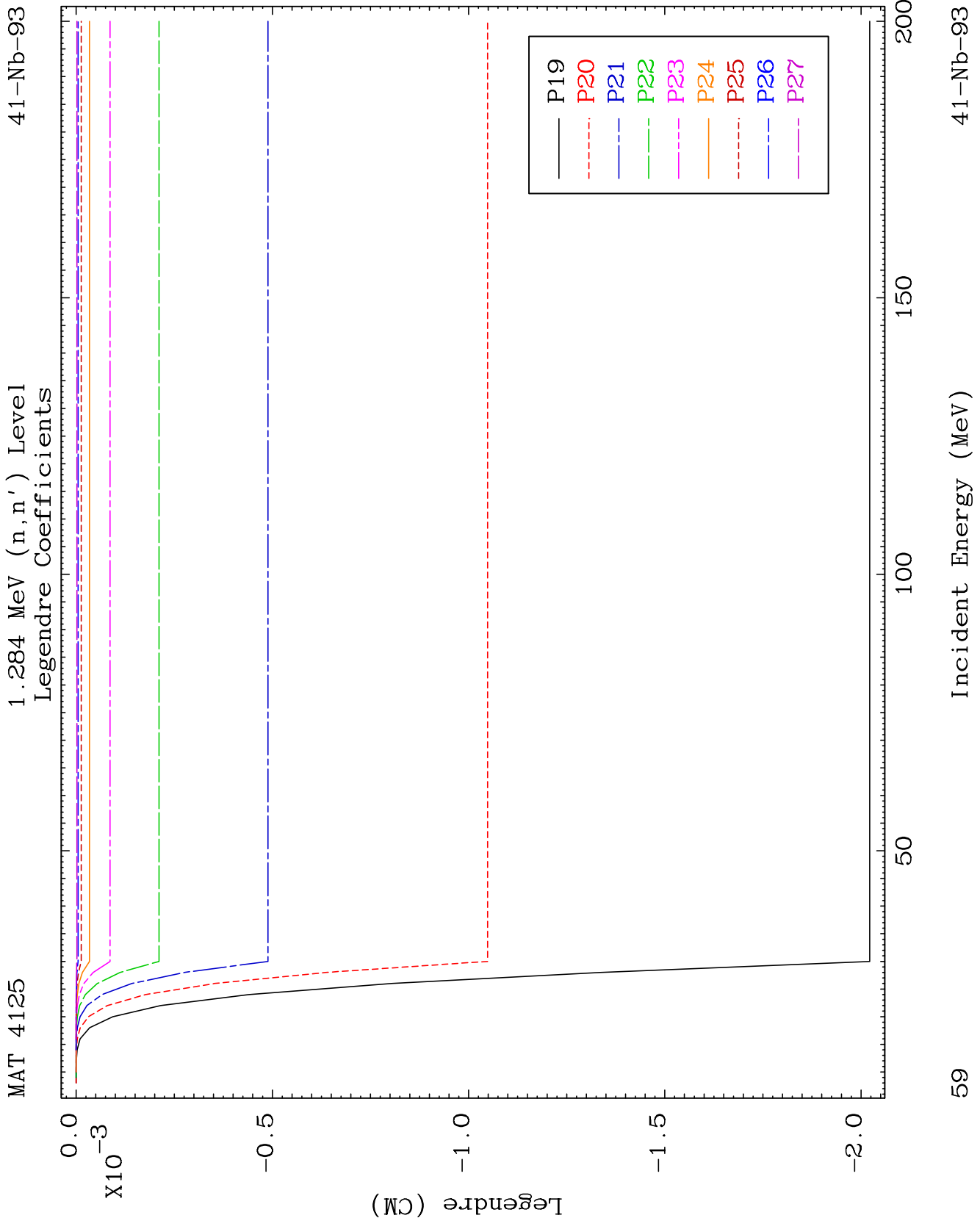
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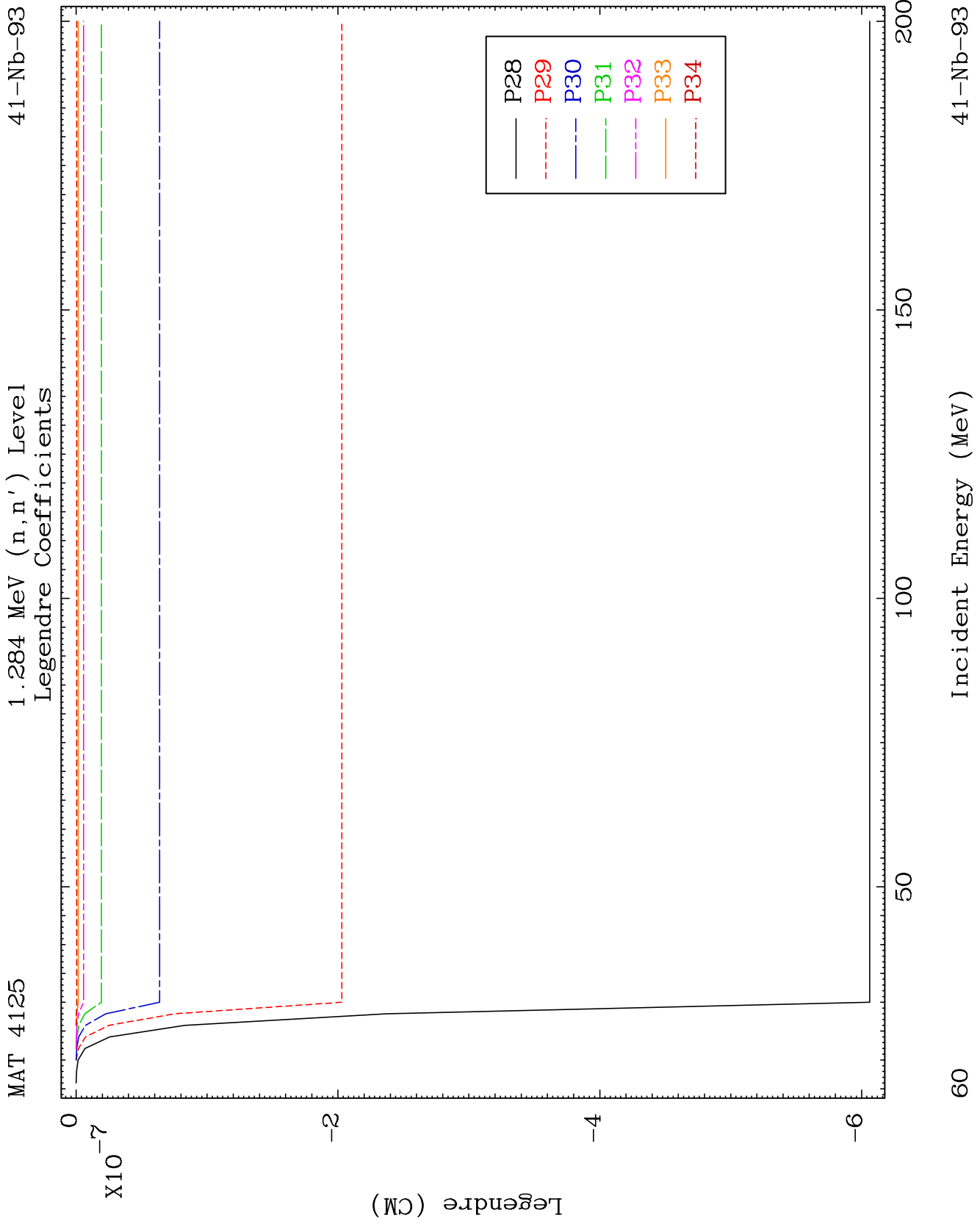


58

Incident Energy (MeV)

41-Nb-93

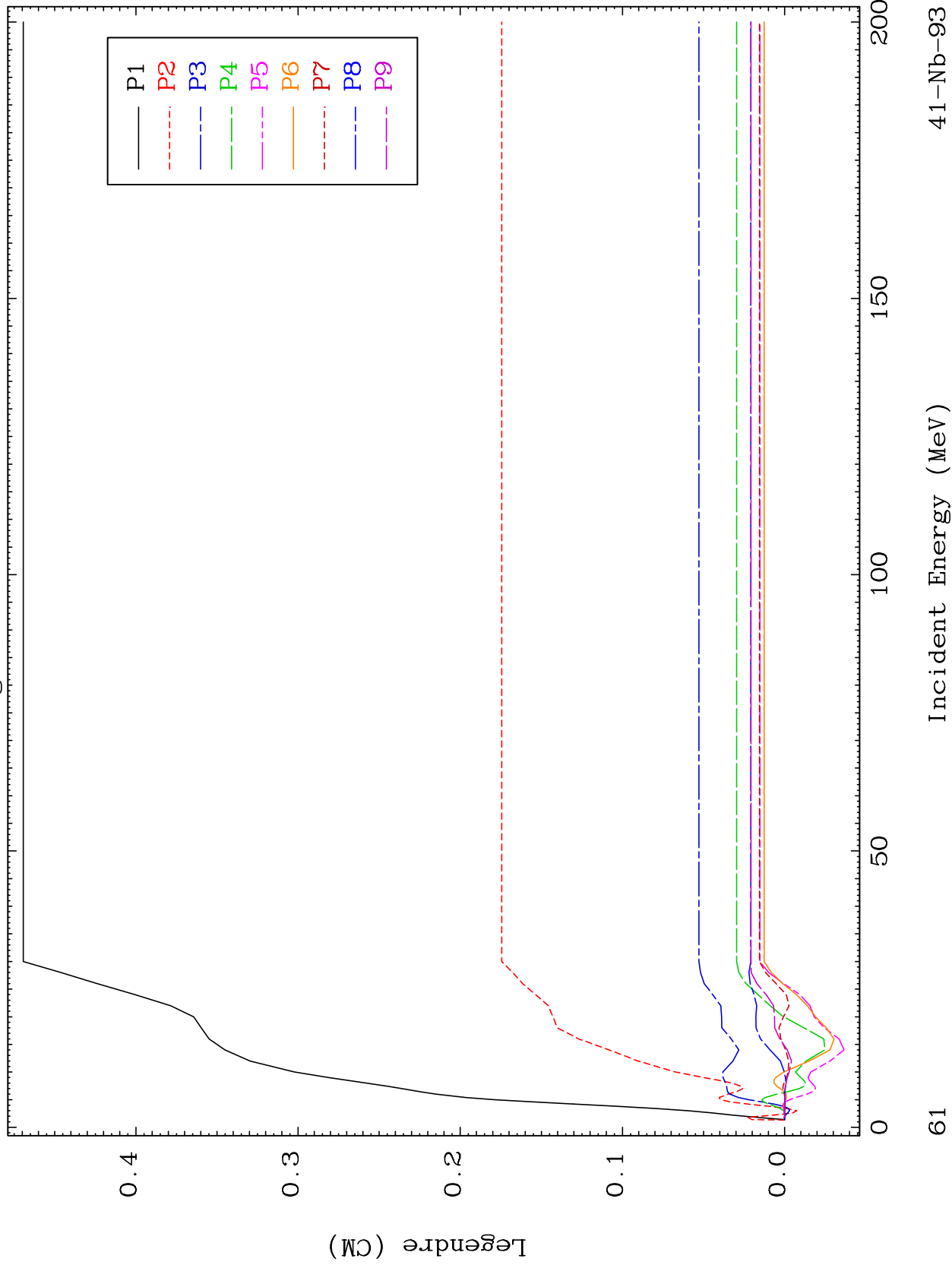




MAT 4125

1.290 MeV (n,n') Level
Legendre Coefficients

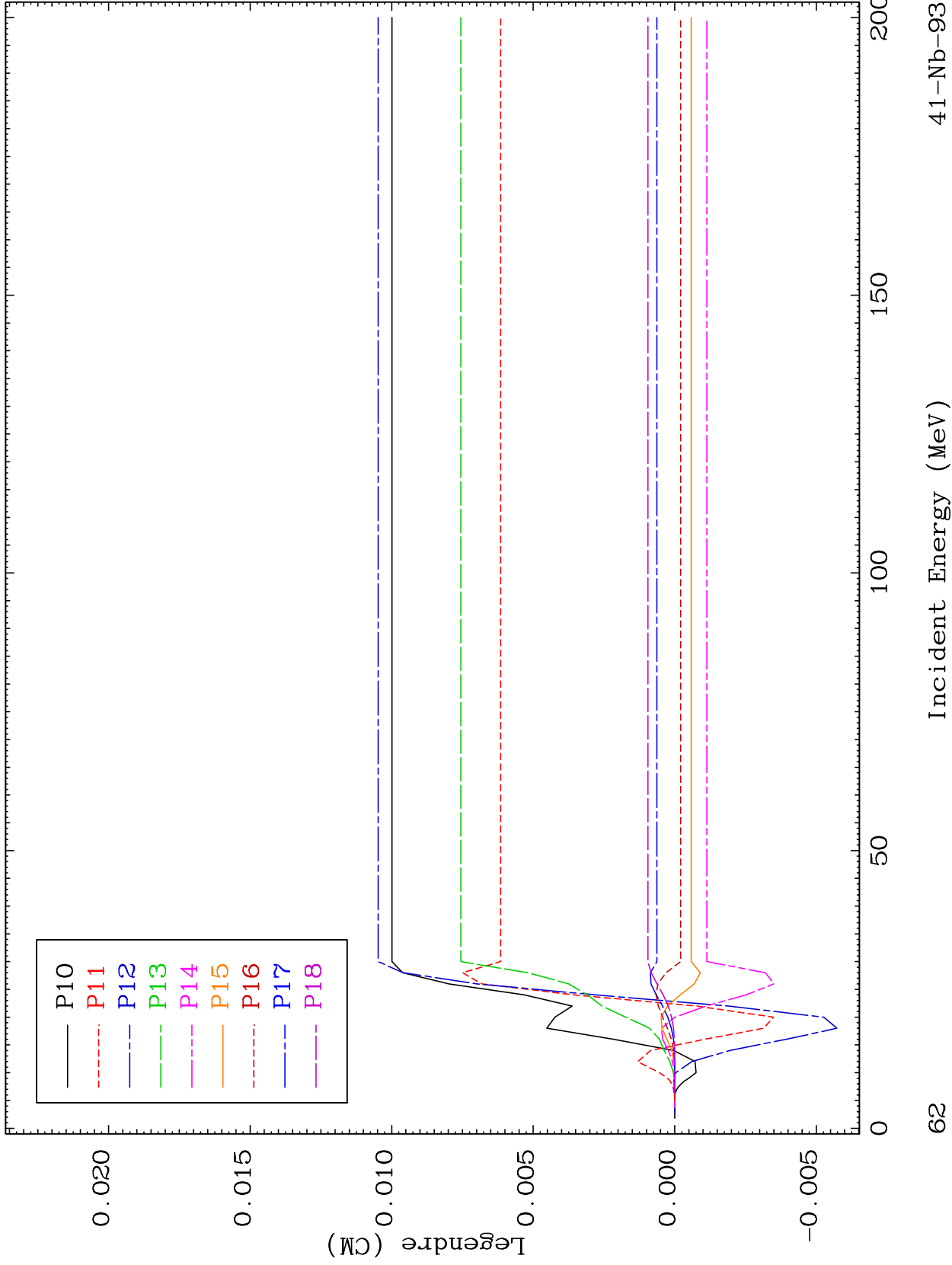
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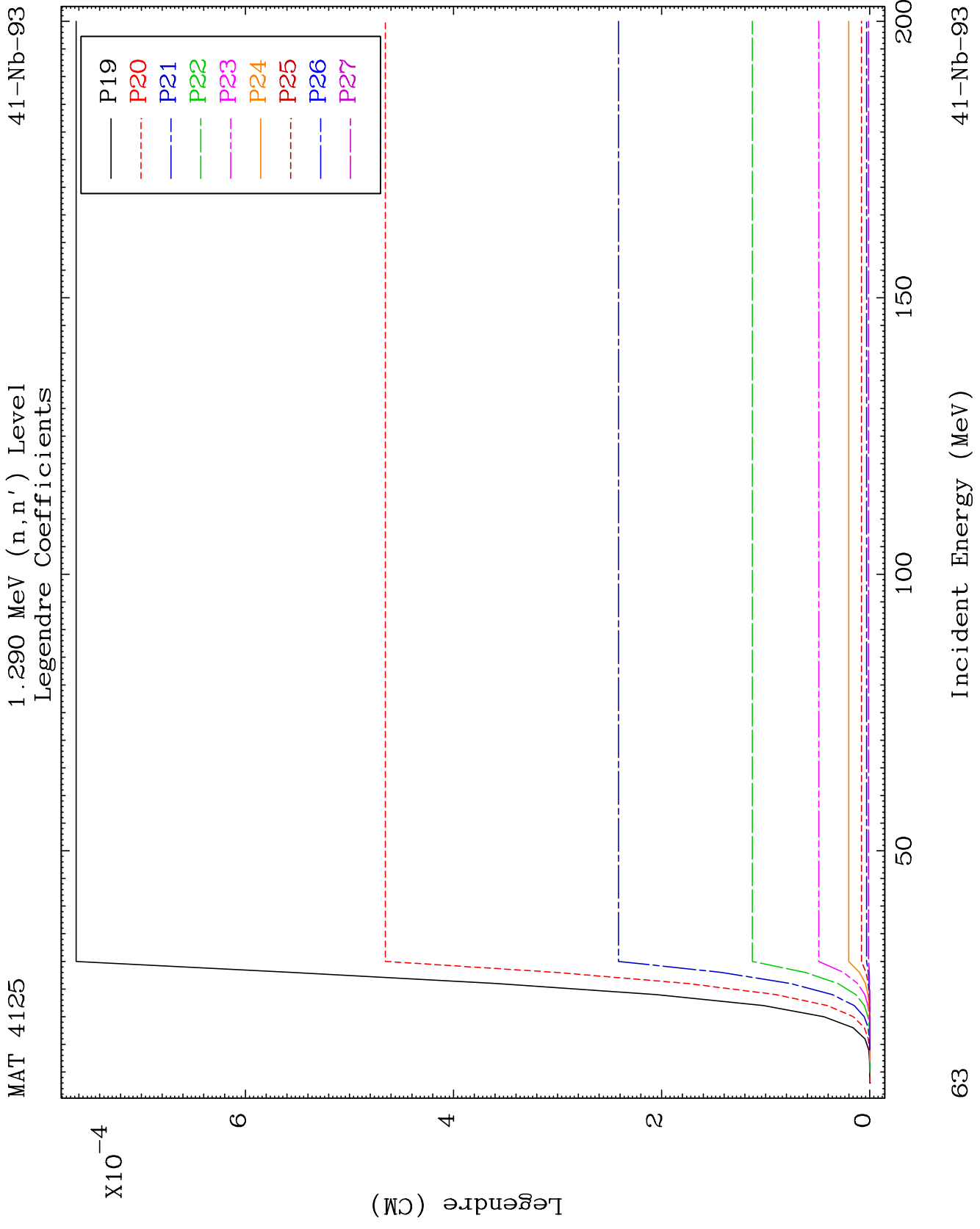


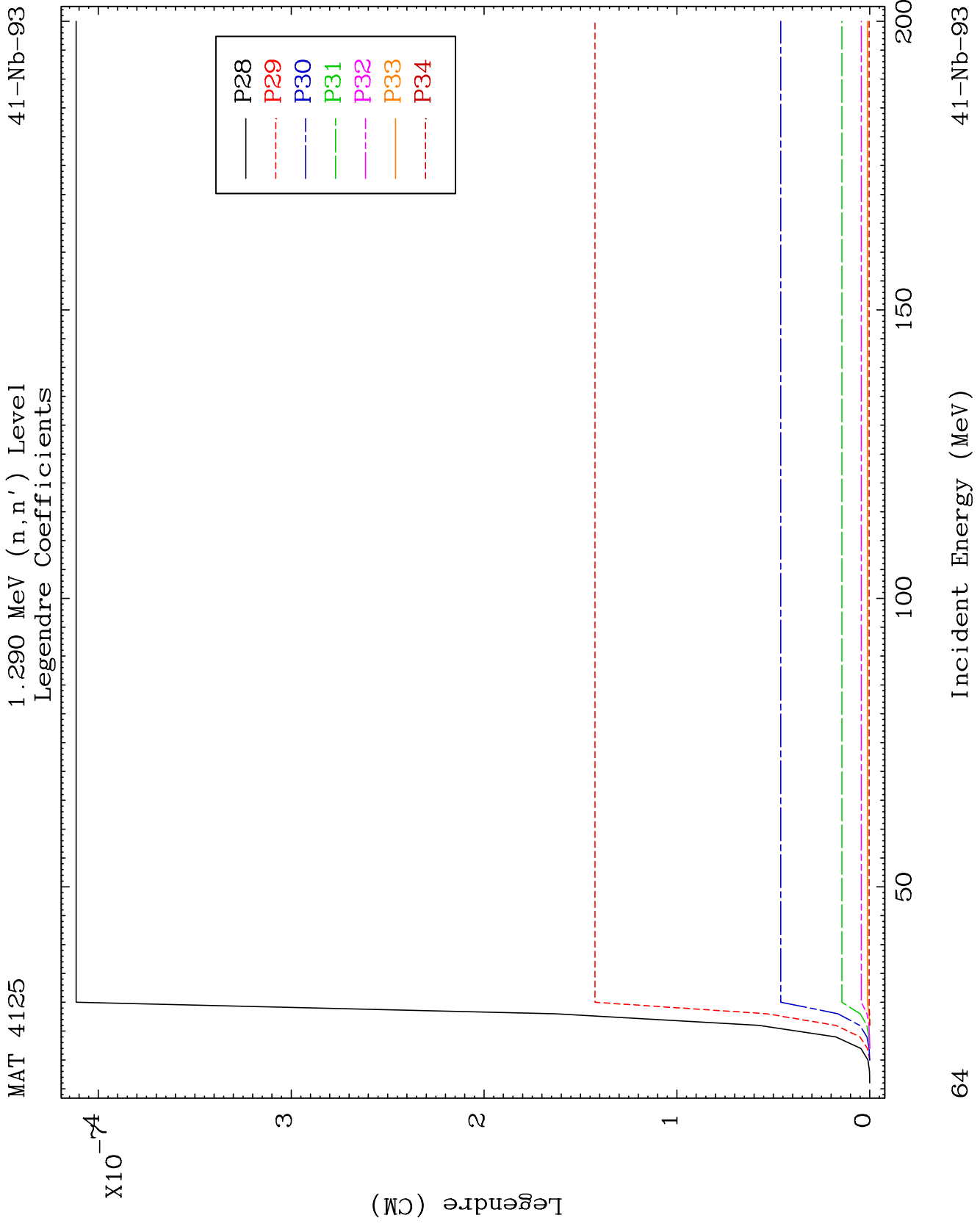
41-Nb-93

Incident Energy (MeV)

61



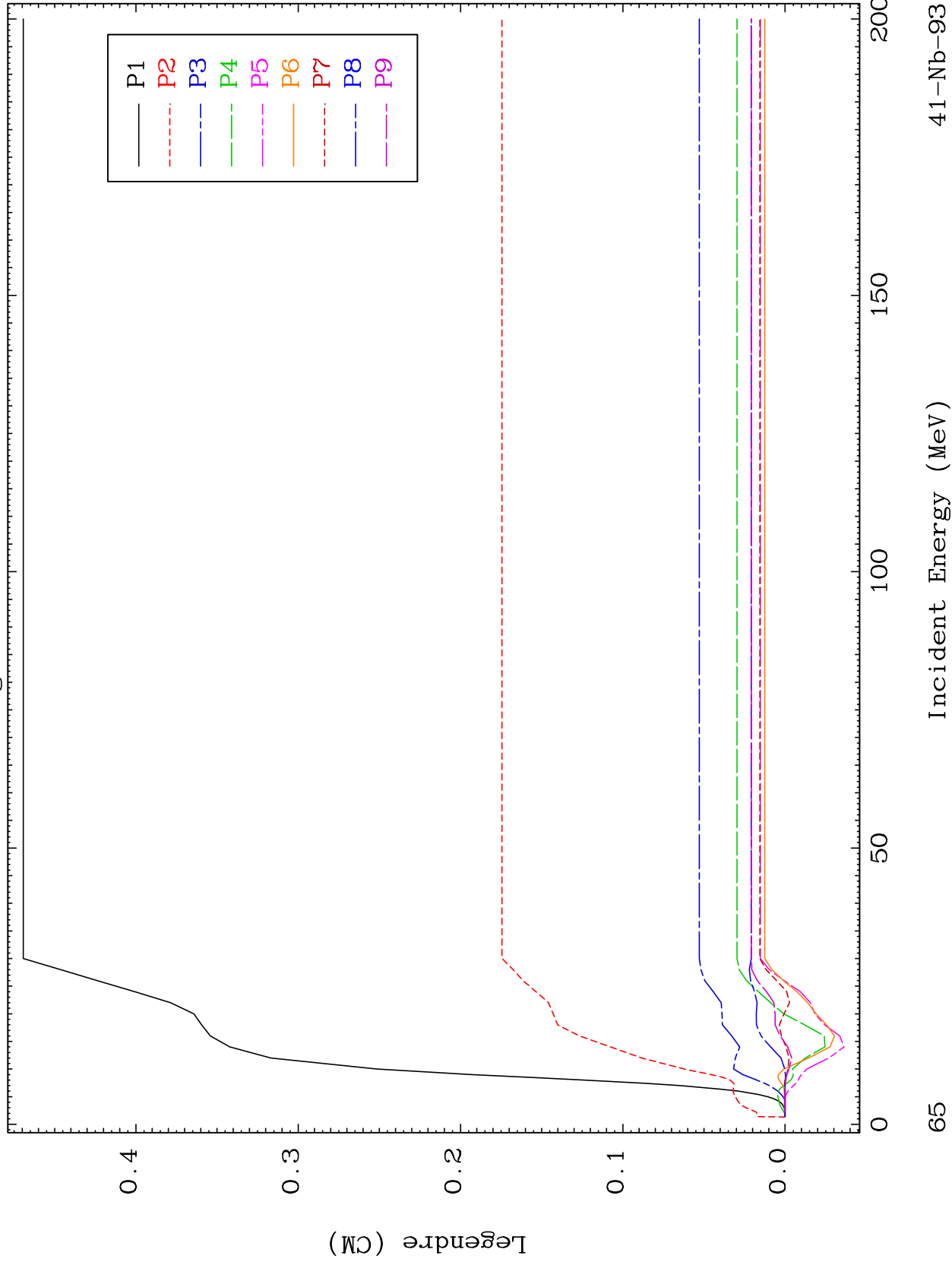




MAT 4125

1.297 MeV (n,n') Level
Legendre Coefficients

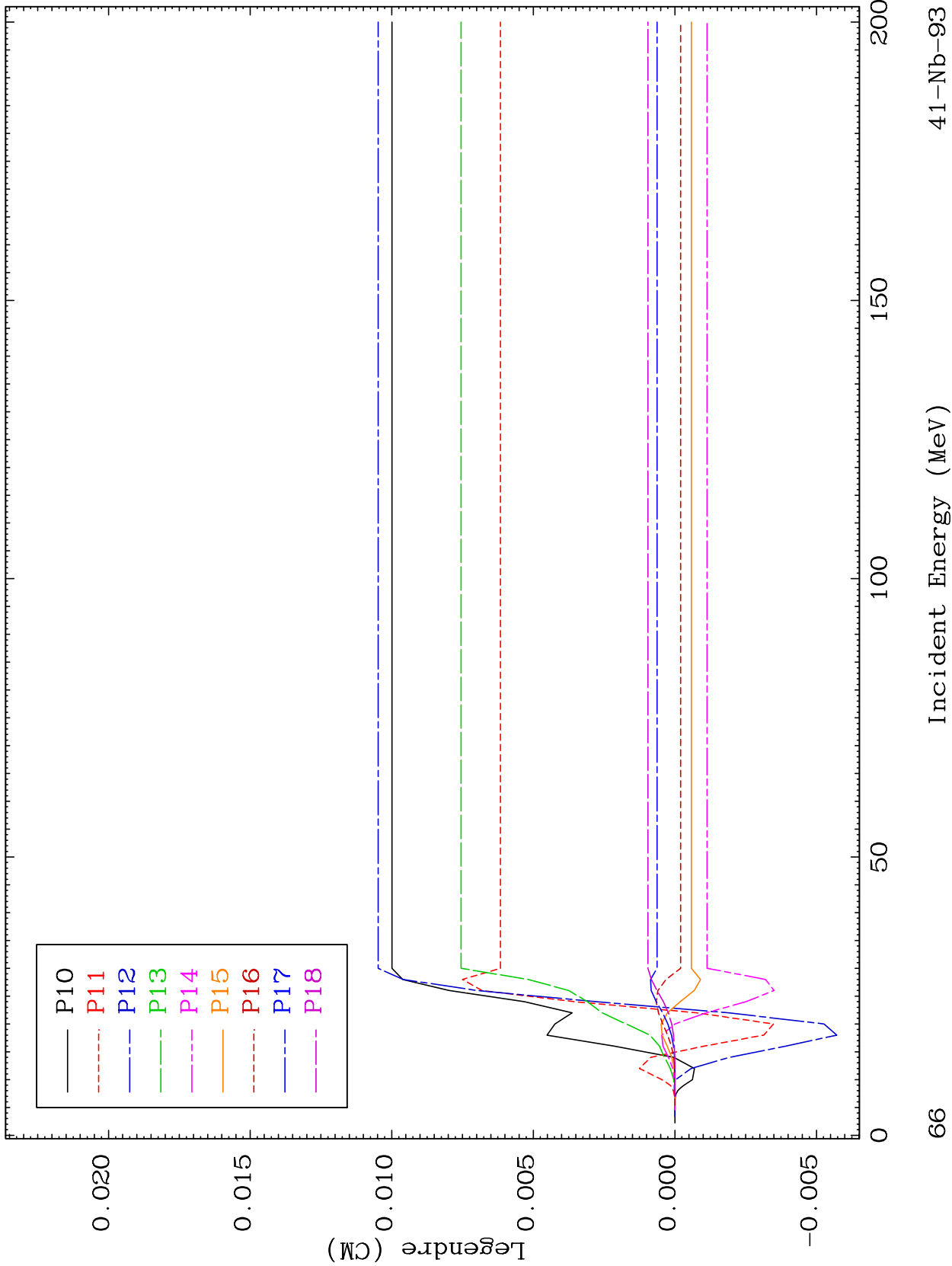
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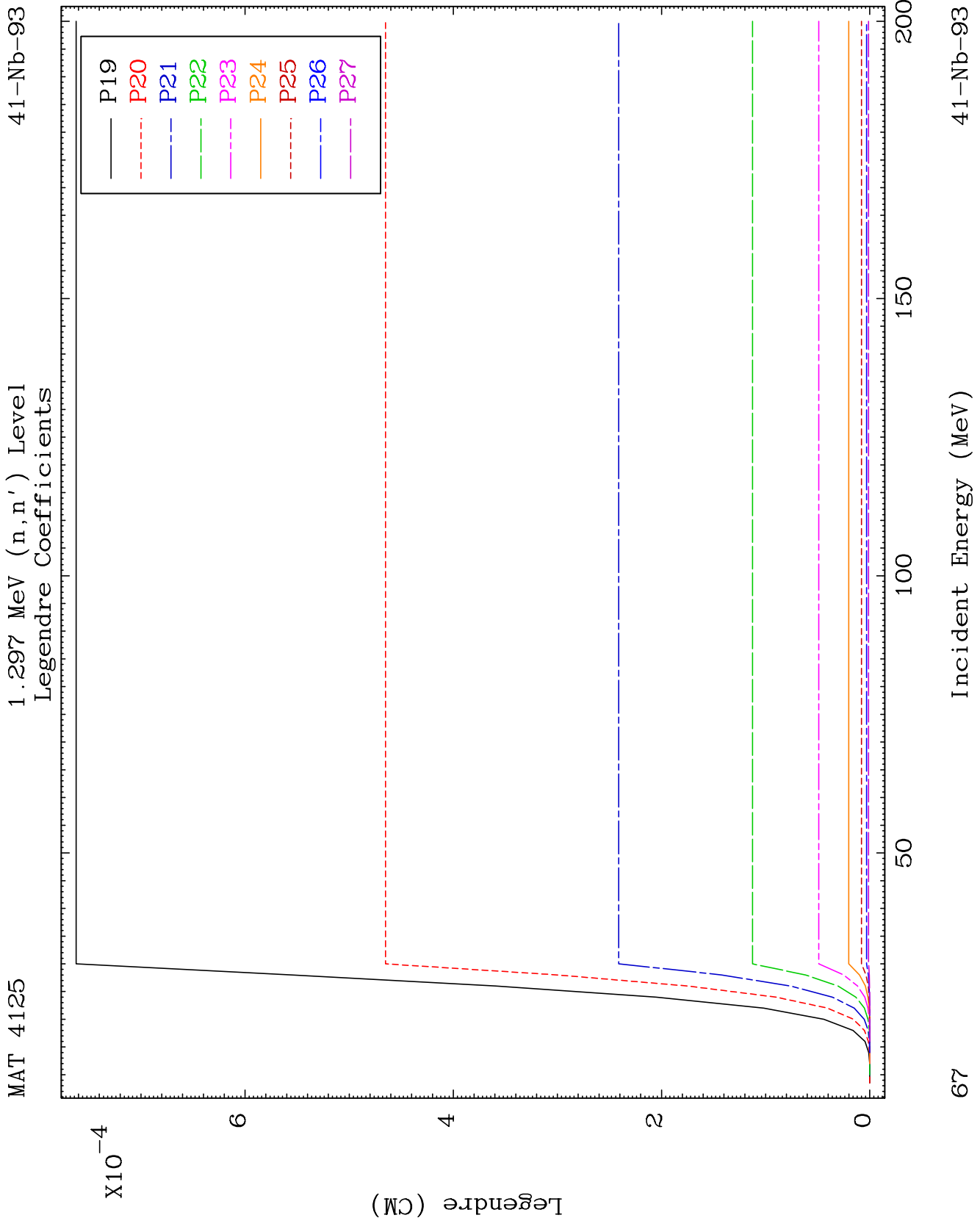


41-Nb-93

Incident Energy (MeV)

65

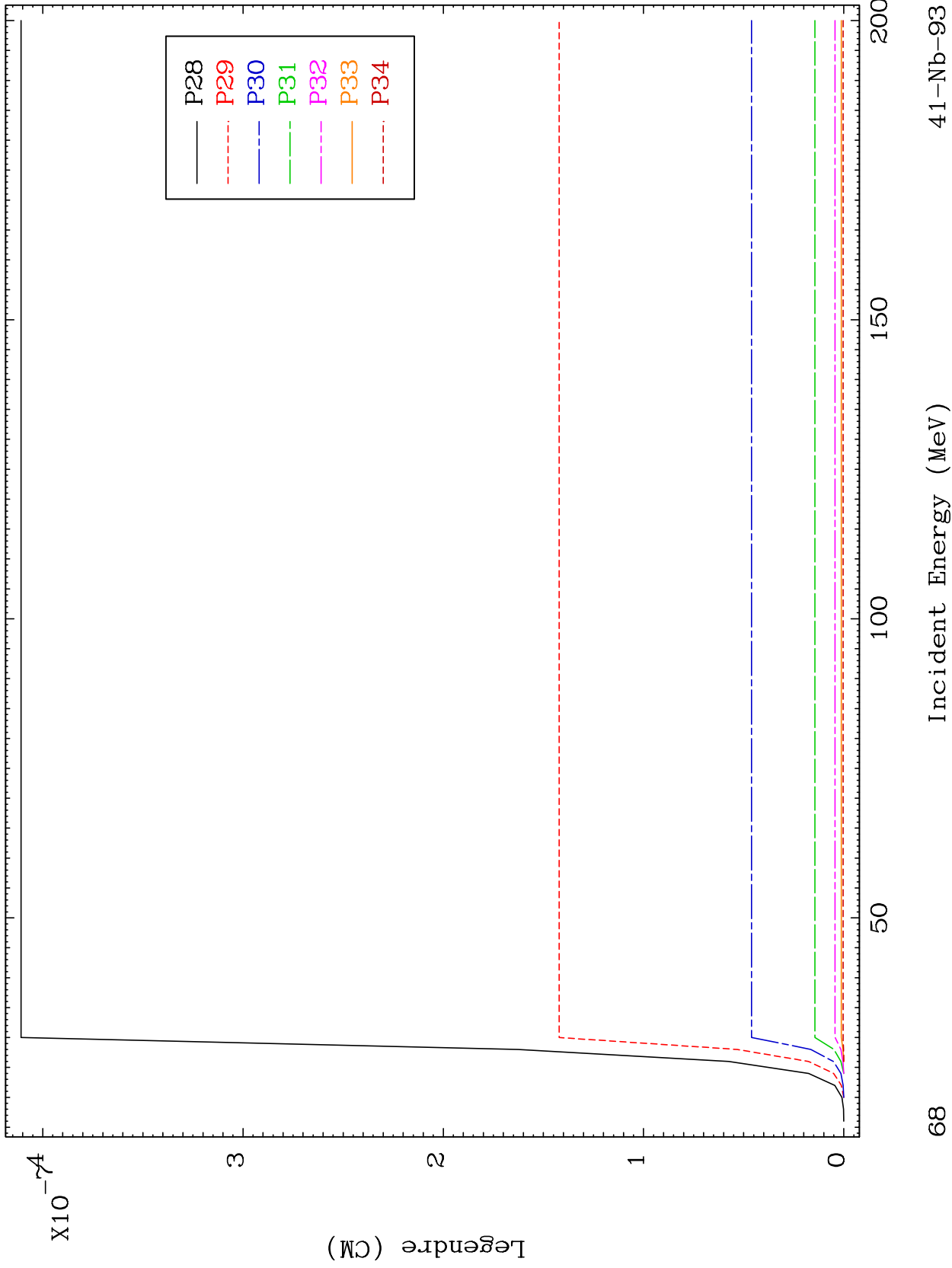




MAT 4125

1.297 MeV (n, n') Level
Legendre Coefficients

41-Nb-93



68

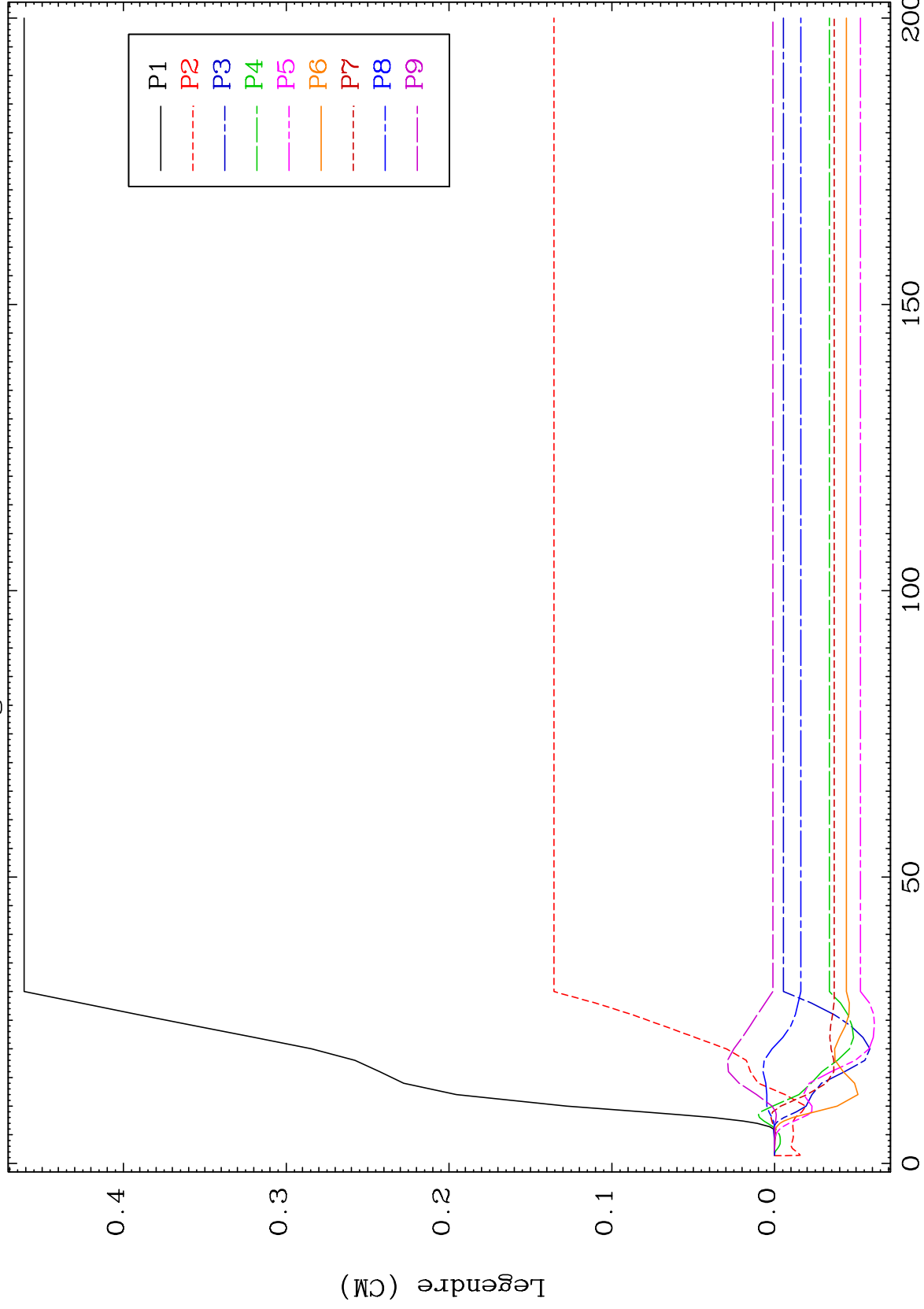
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.315 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



69

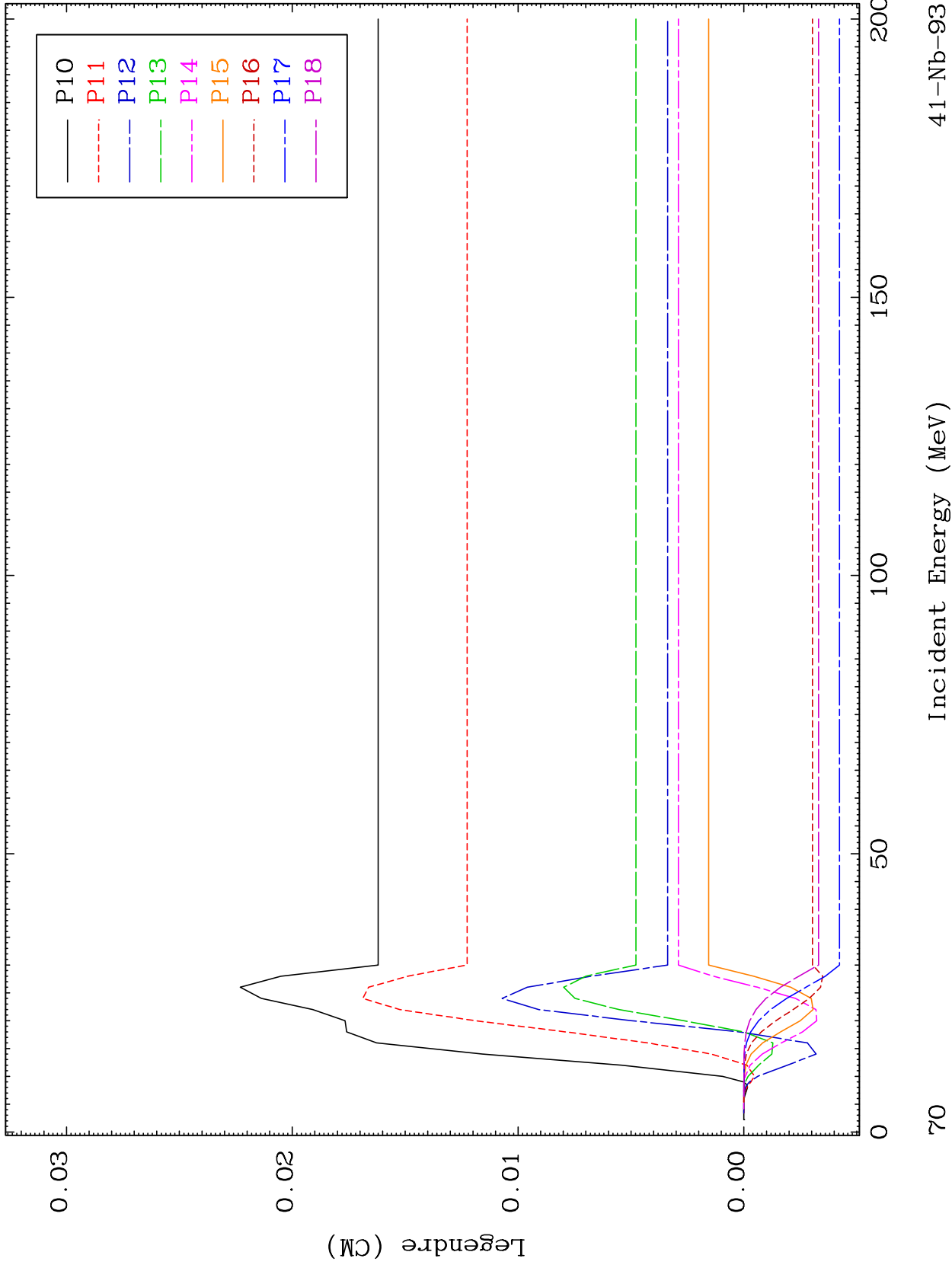
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.315 MeV (n,n') Level
Legendre Coefficients

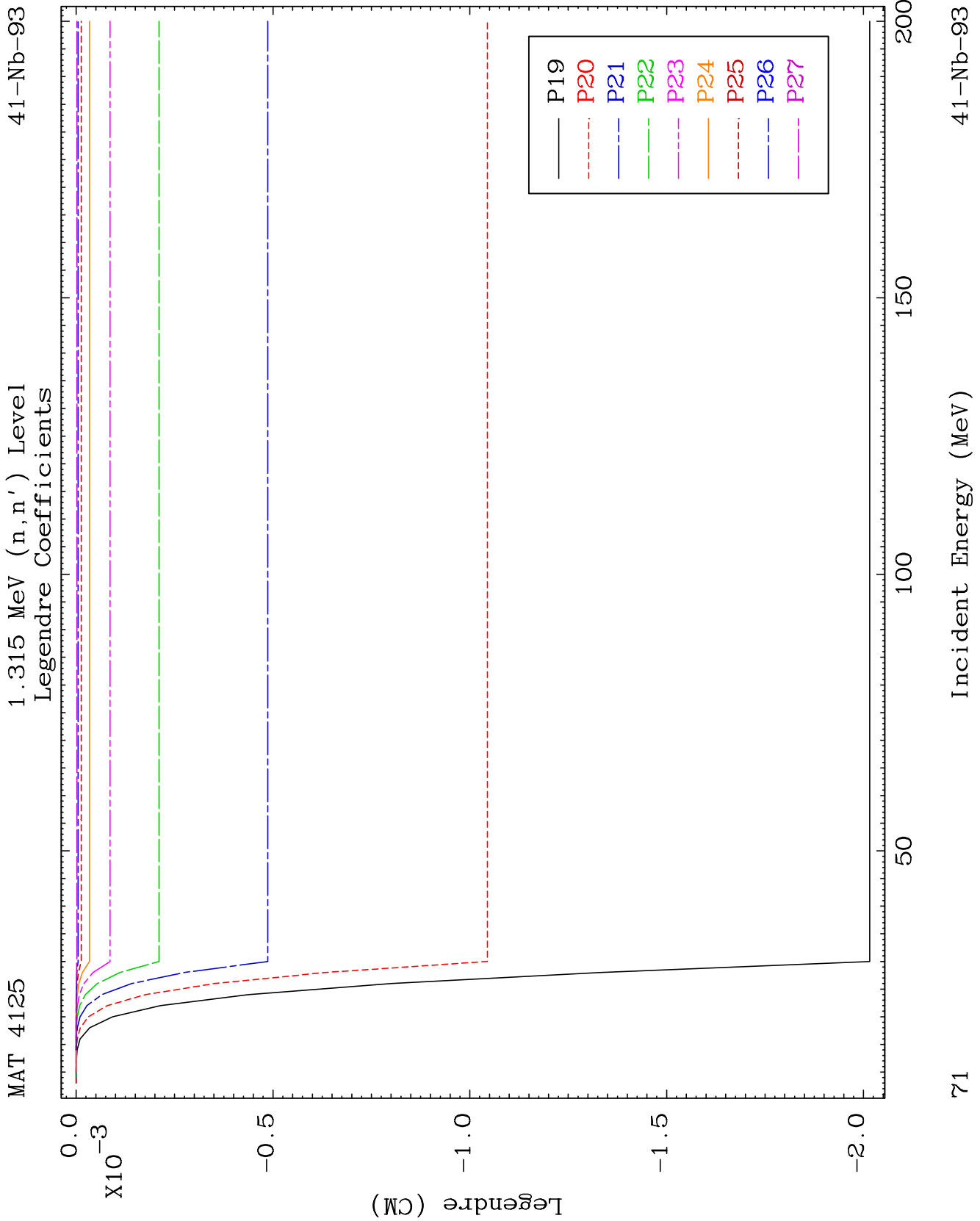
41-Nb-93

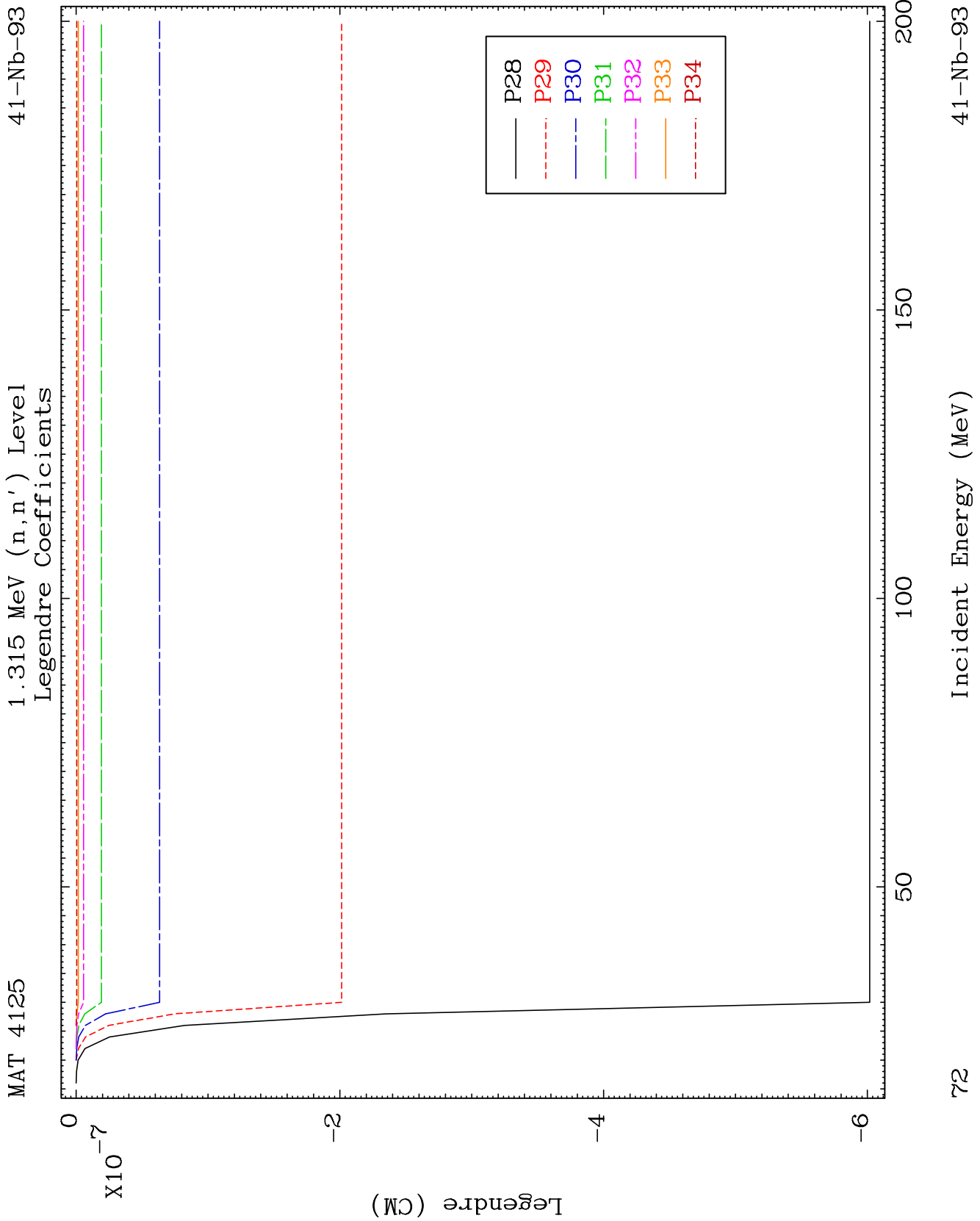


41-Nb-93

Incident Energy (MeV)

70

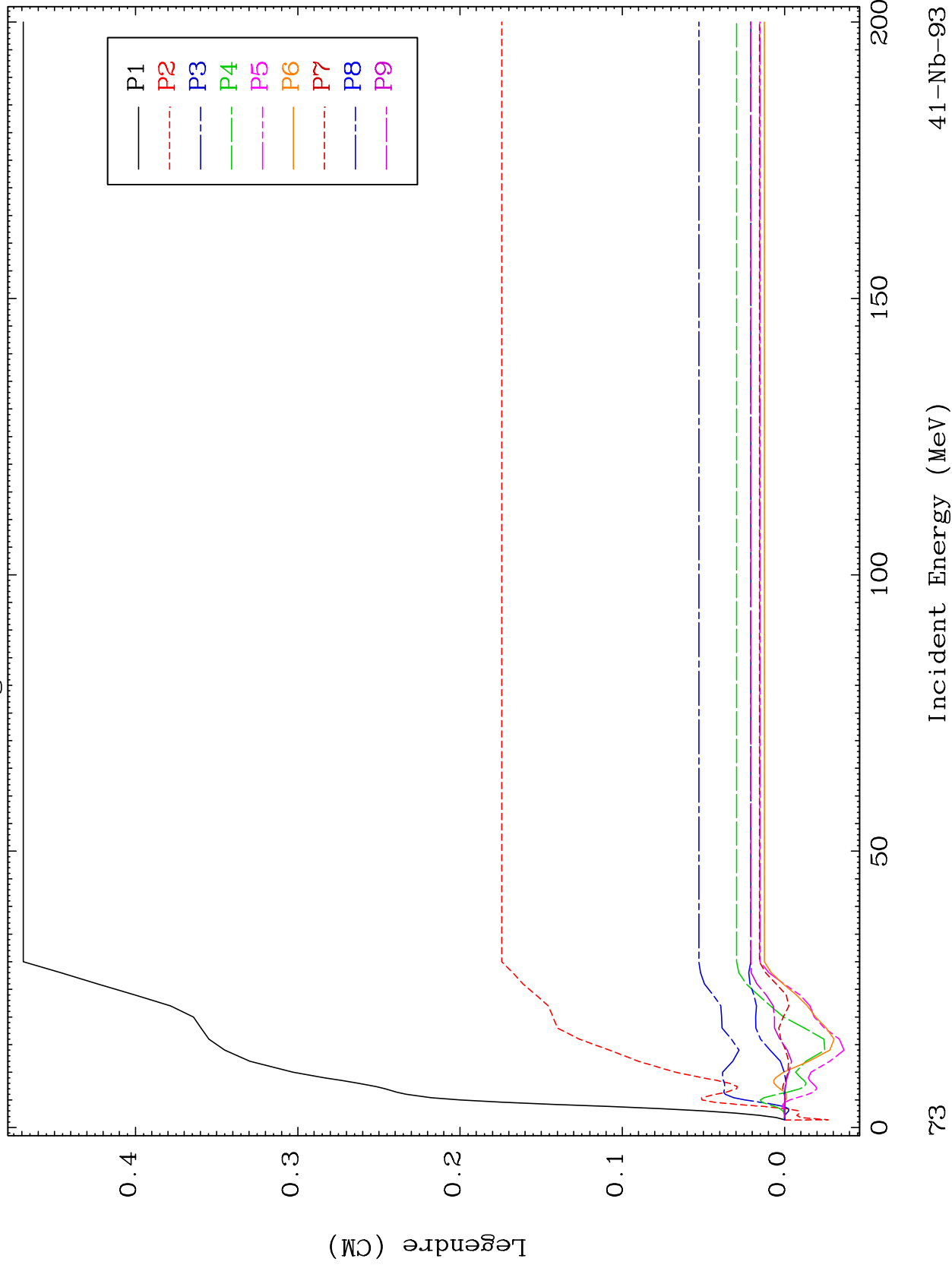




MAT 4125

1.335 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



41-Nb-93

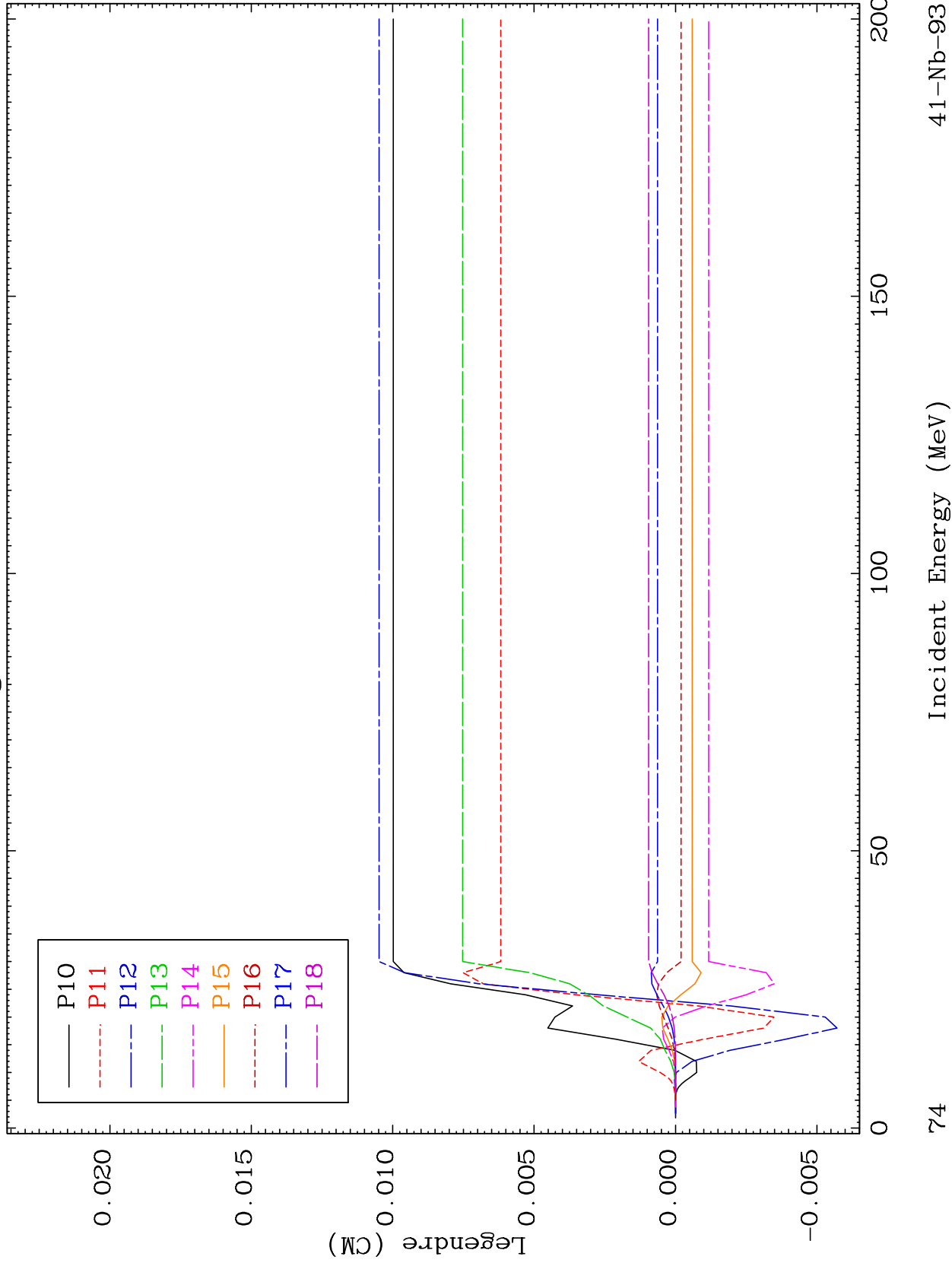
Incident Energy (MeV)

73

MAT 4125

1.335 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



74

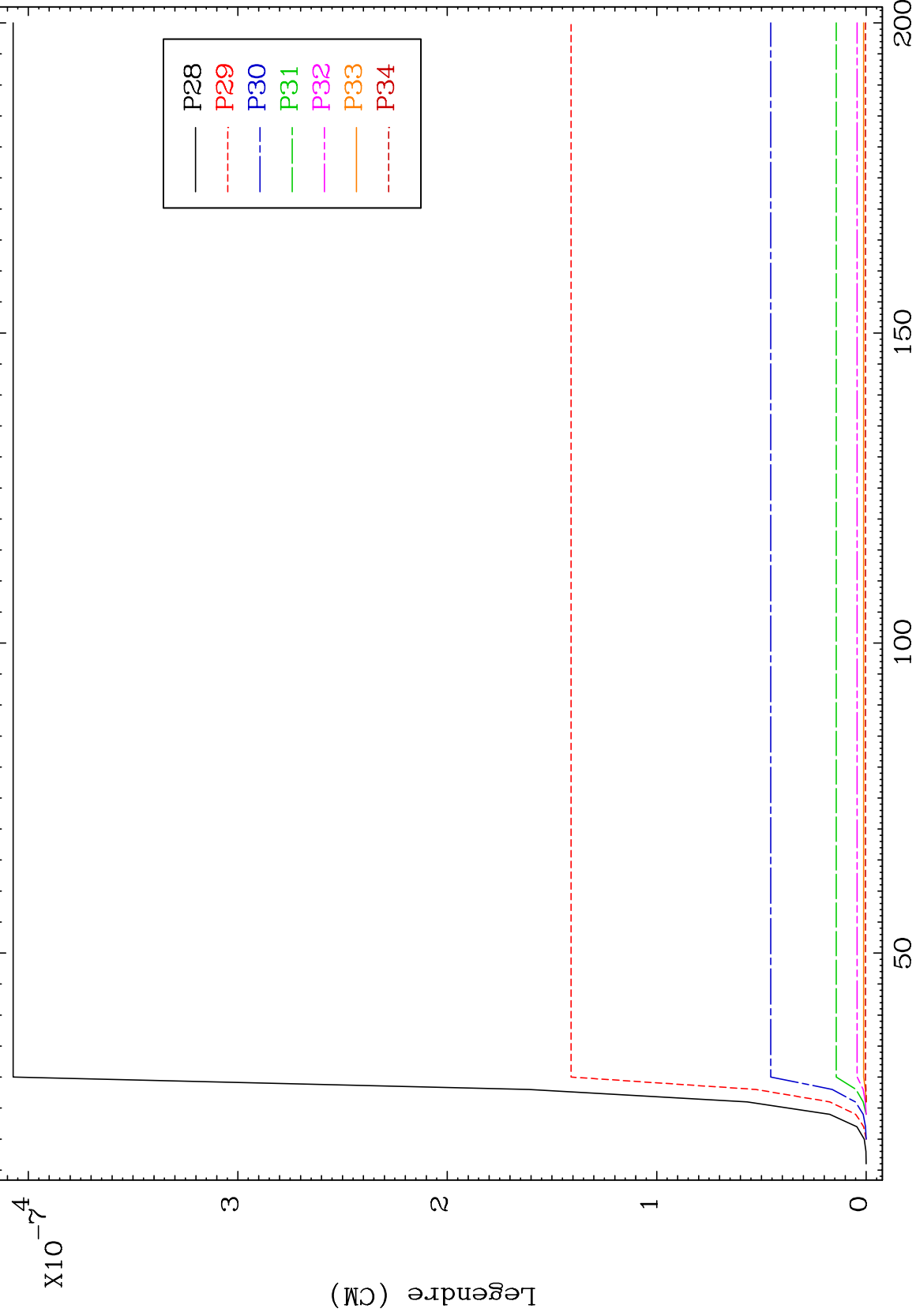
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.335 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



76

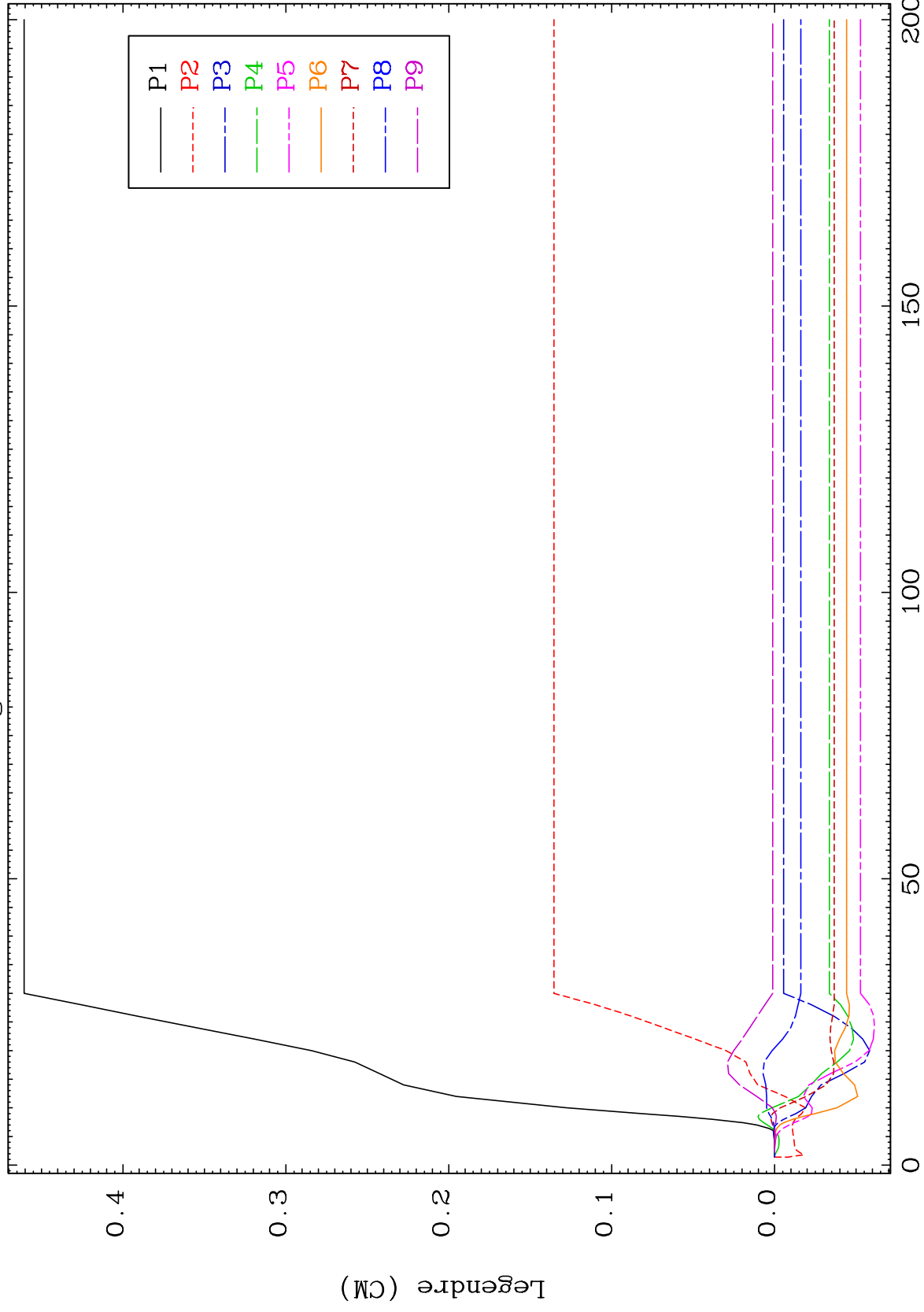
41-Nb-93

41-Nb-93

MAT 4125

1.370 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



77

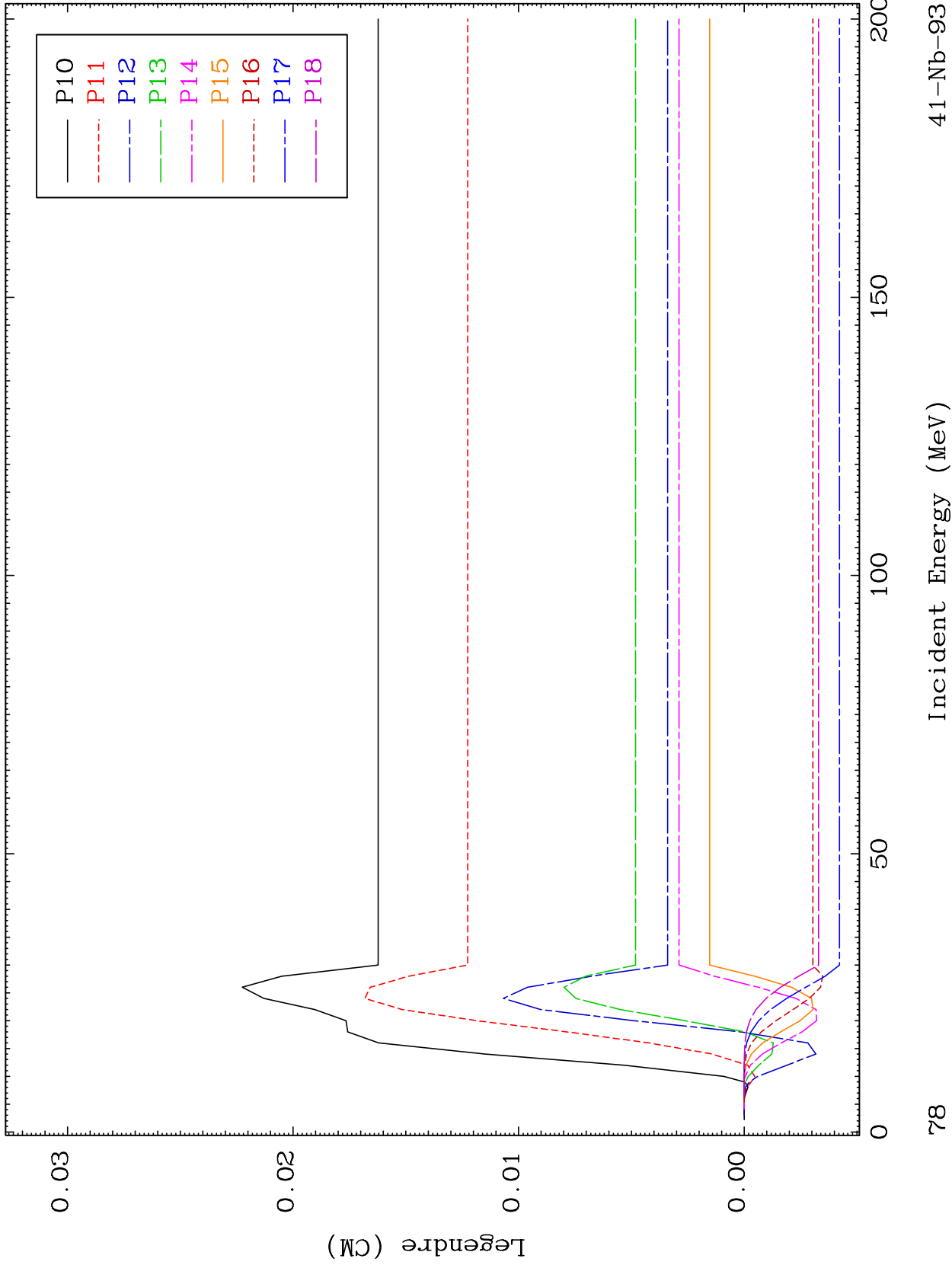
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.370 MeV (n,n') Level
Legendre Coefficients

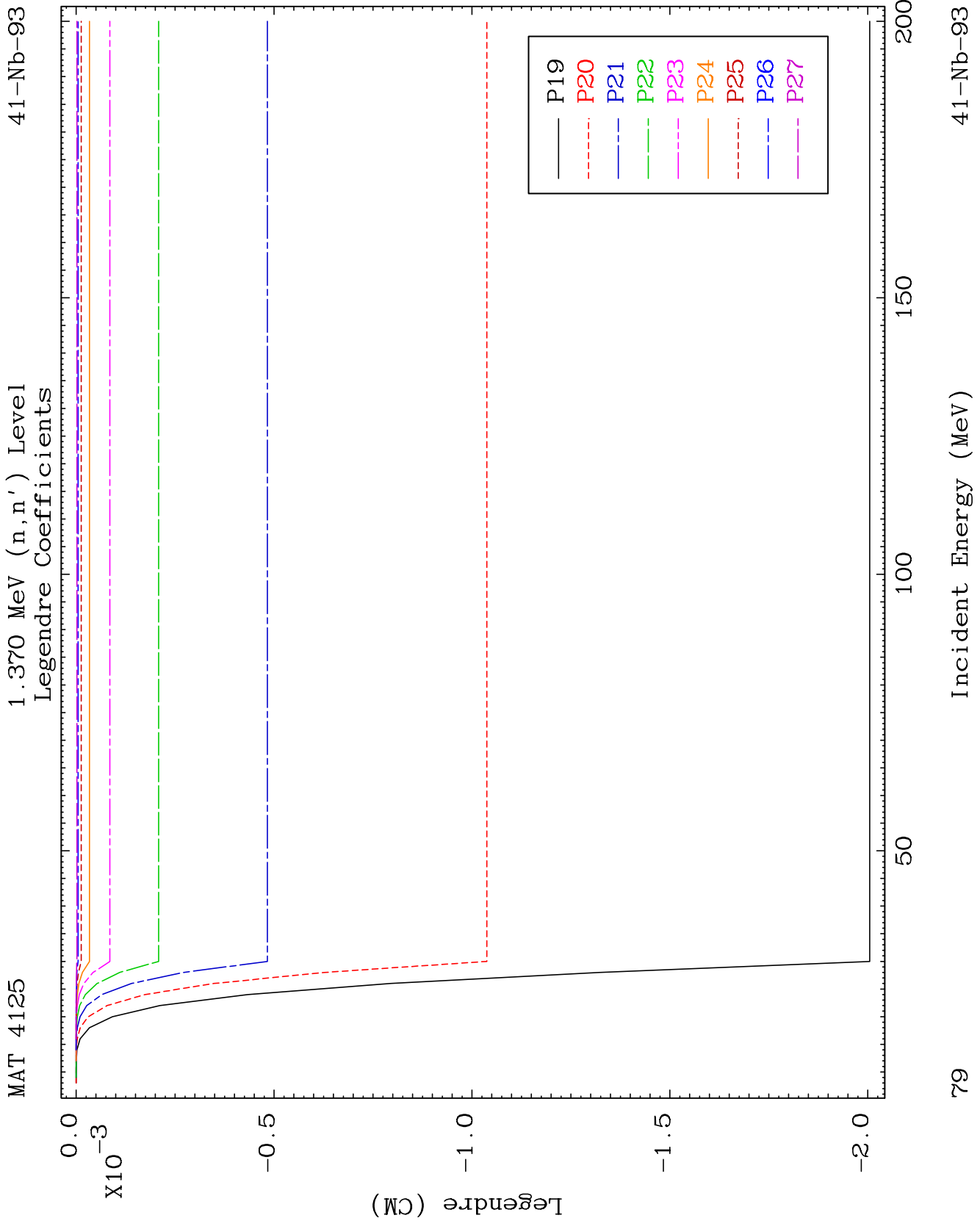
41-Nb-93



78

Incident Energy (MeV)

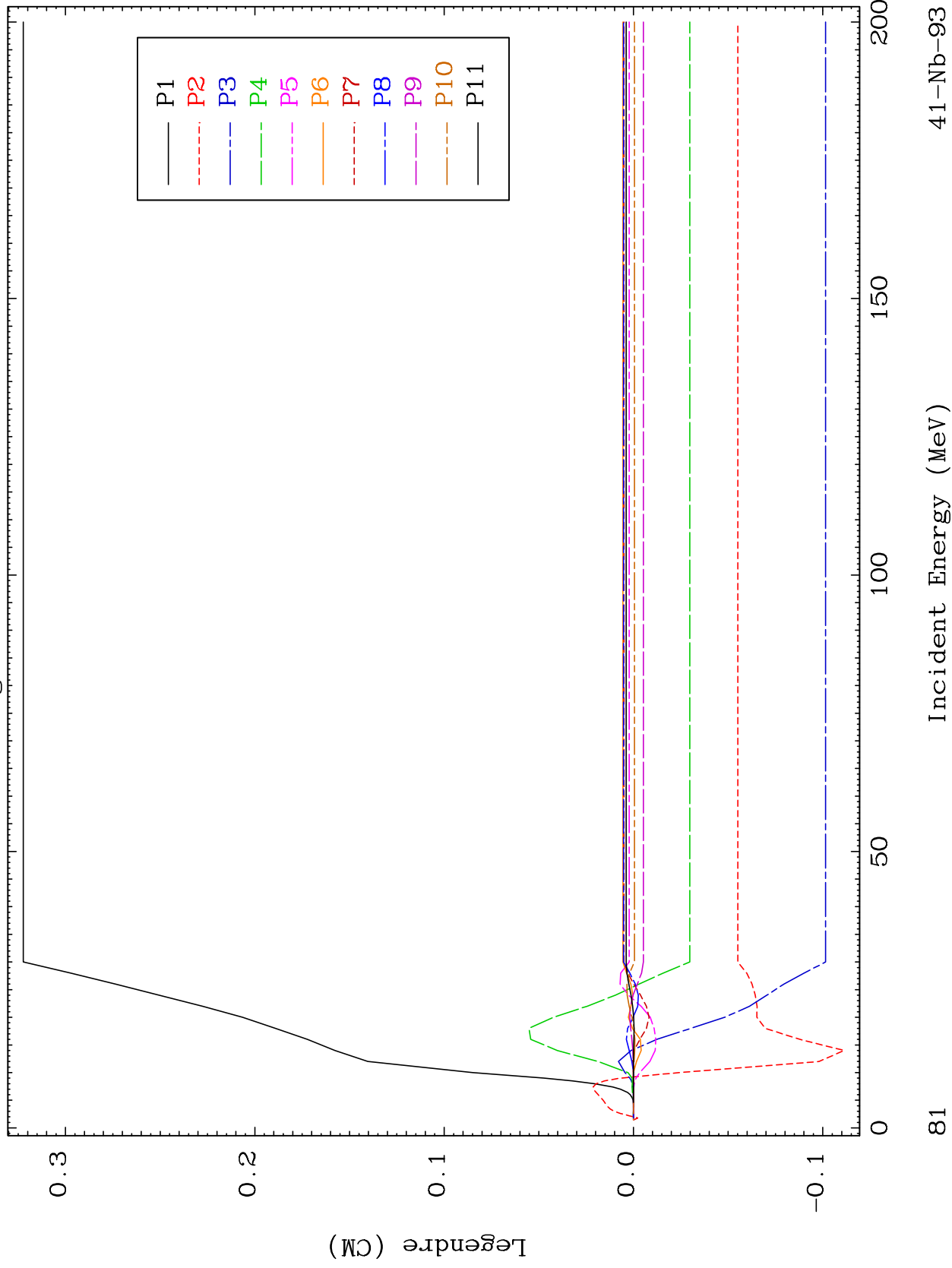
41-Nb-93



MAT 4125

1.395 MeV (n,n') Level
Legendre Coefficients

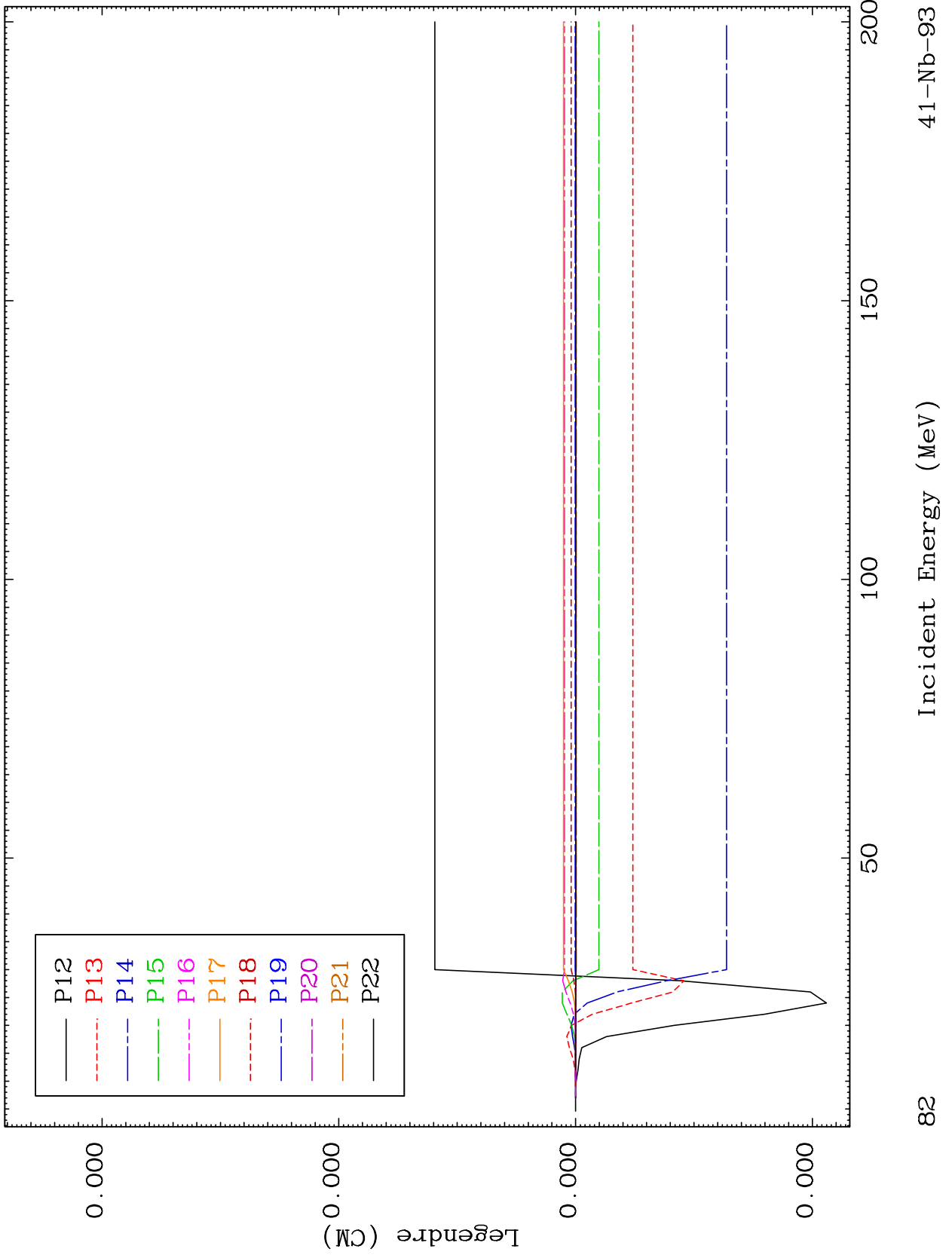
41-Nb-93

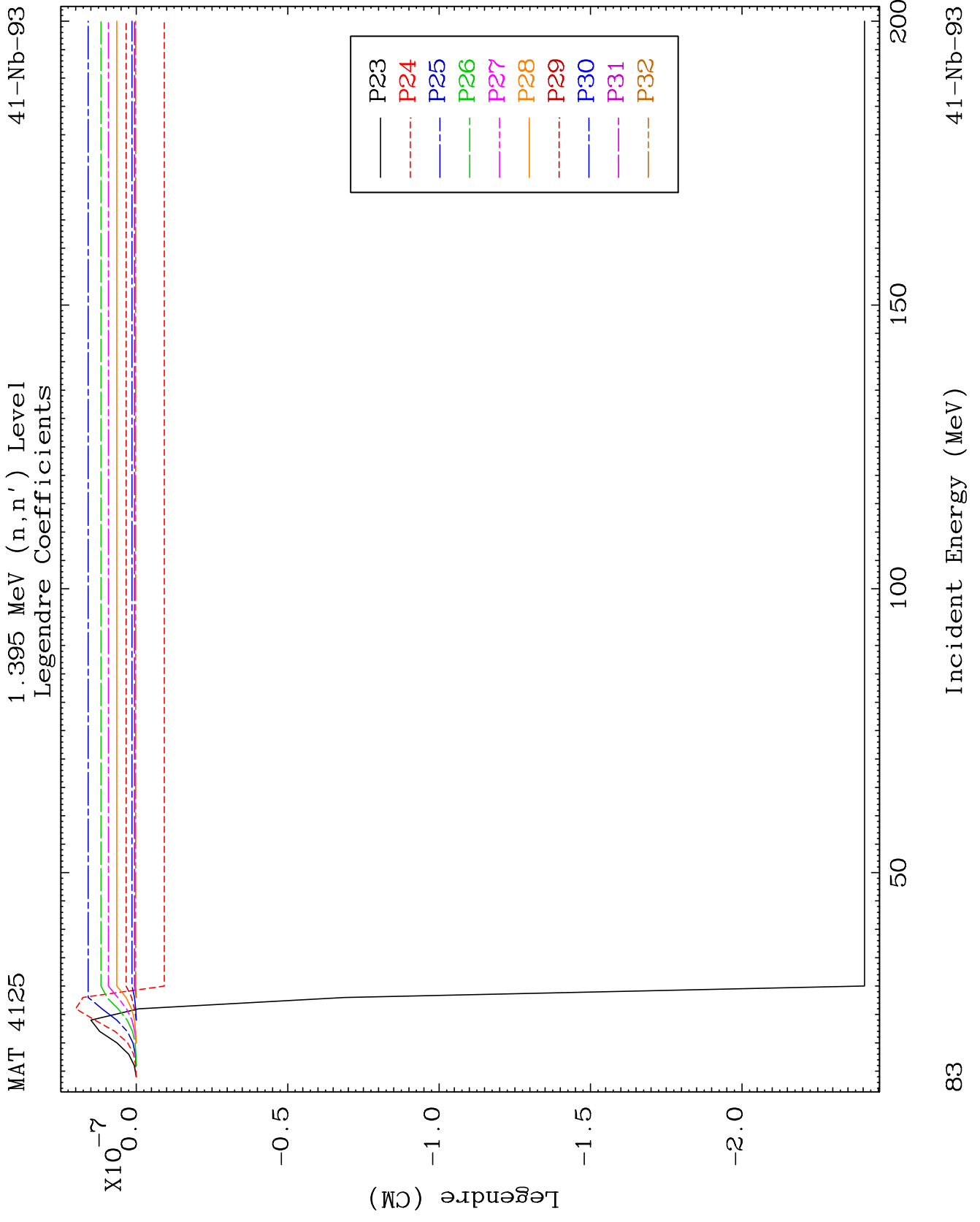


81

Incident Energy (MeV)

41-Nb-93

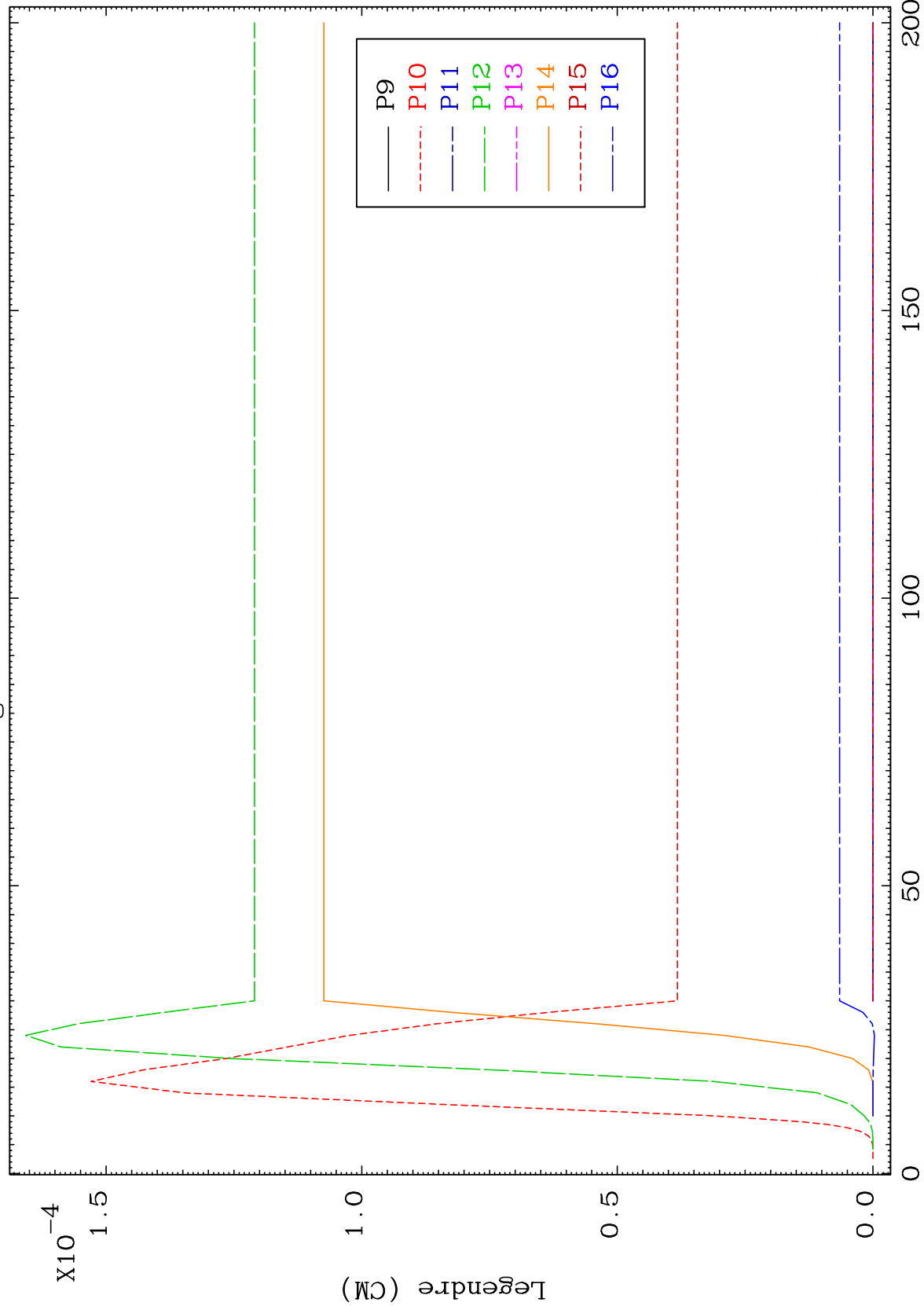




MAT 4125

1.455 MeV (n,n') Level
Legendre Coefficients

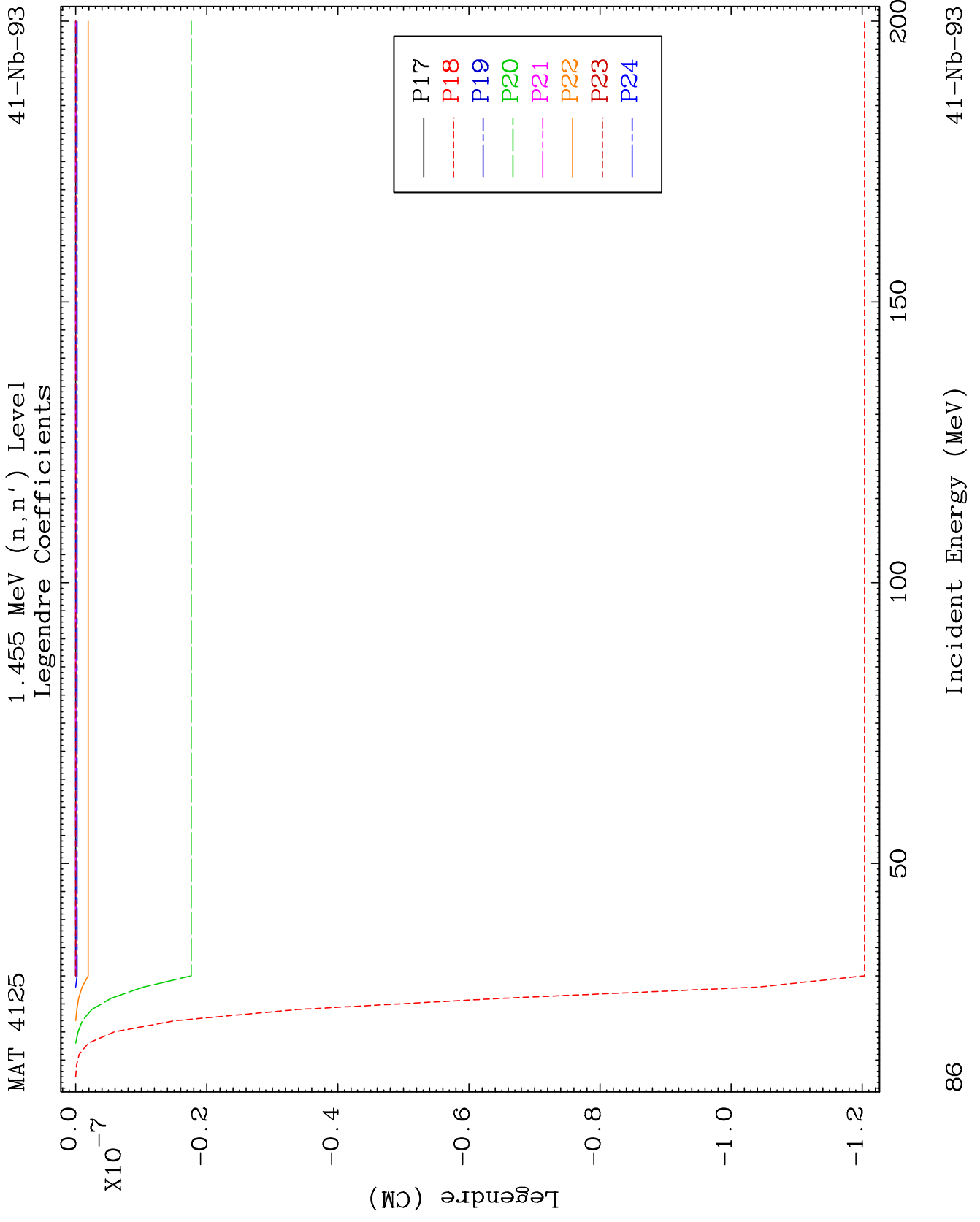
41-Nb-93



41-Nb-93

Incident Energy (MeV)

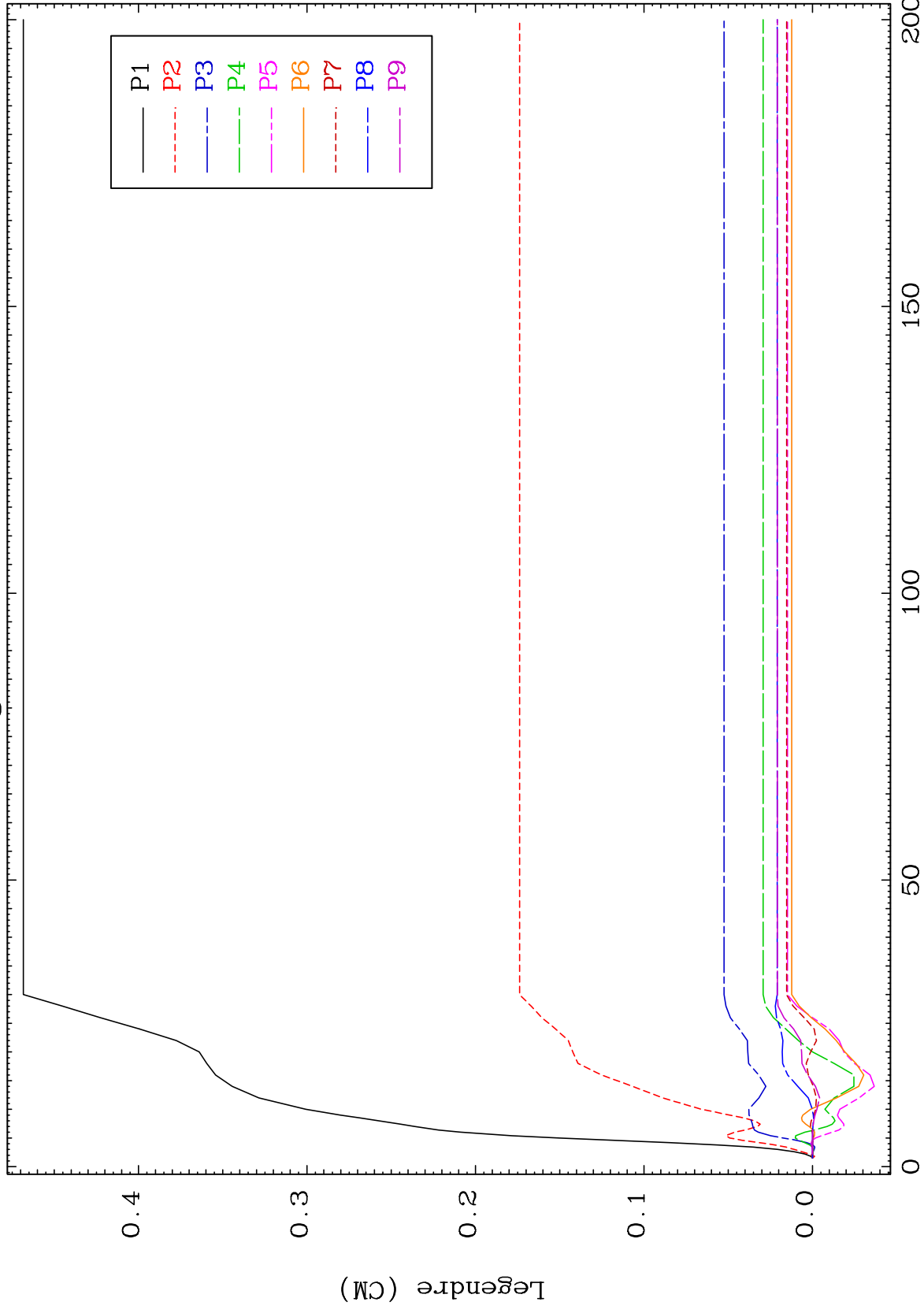
85



MAT 4125

1.484 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



87

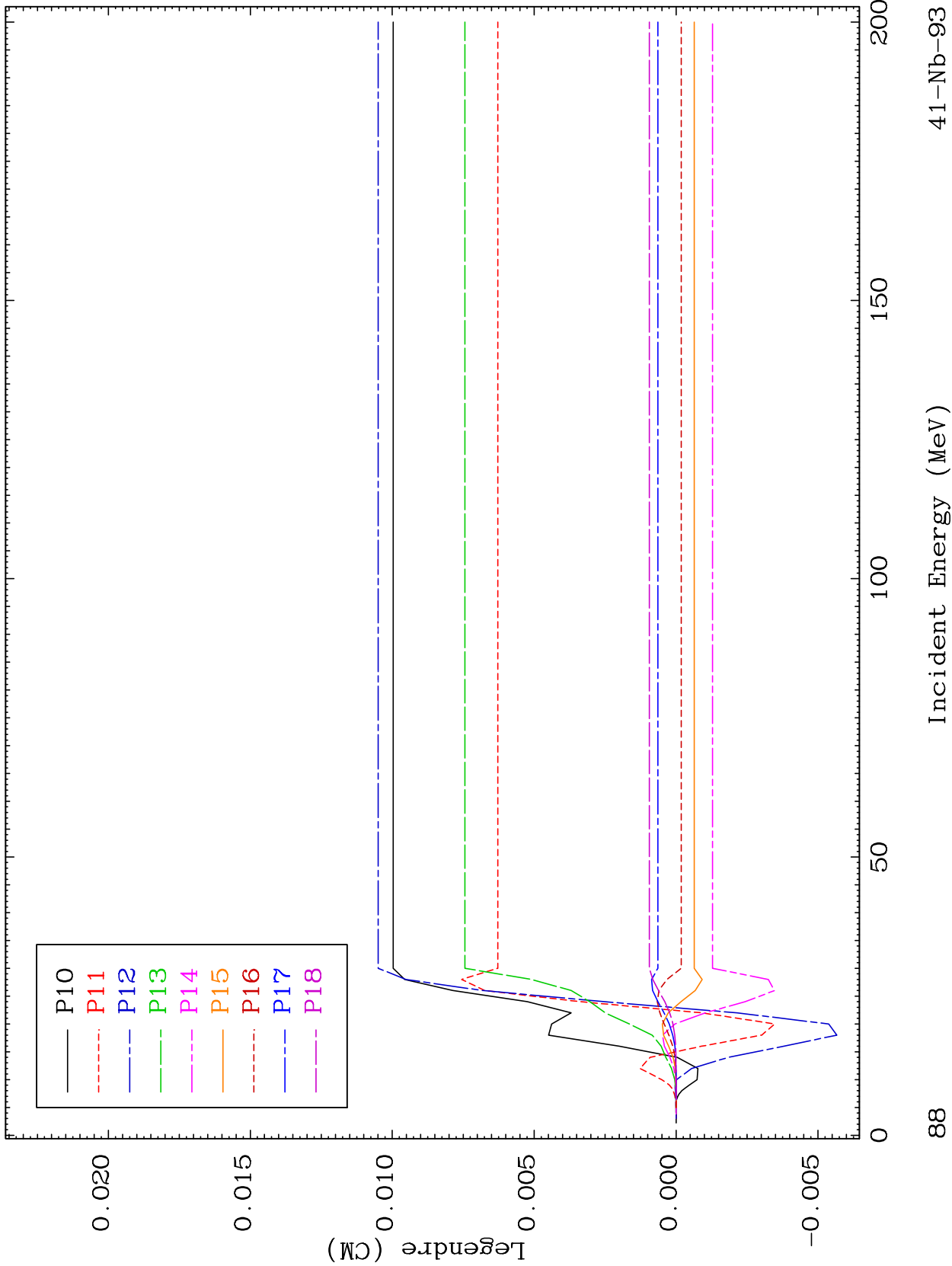
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.484 MeV (n,n') Level
Legendre Coefficients

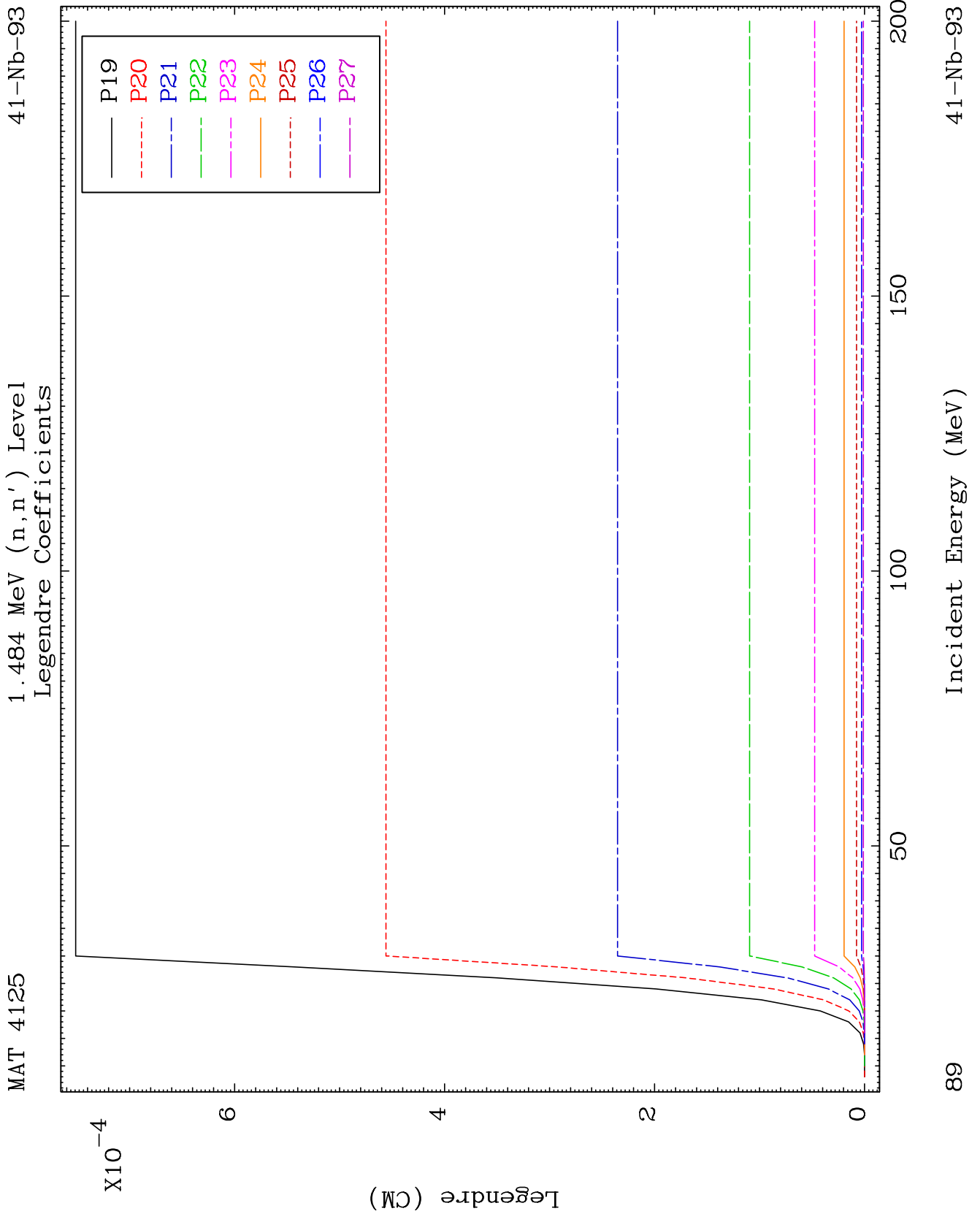
41-Nb-93

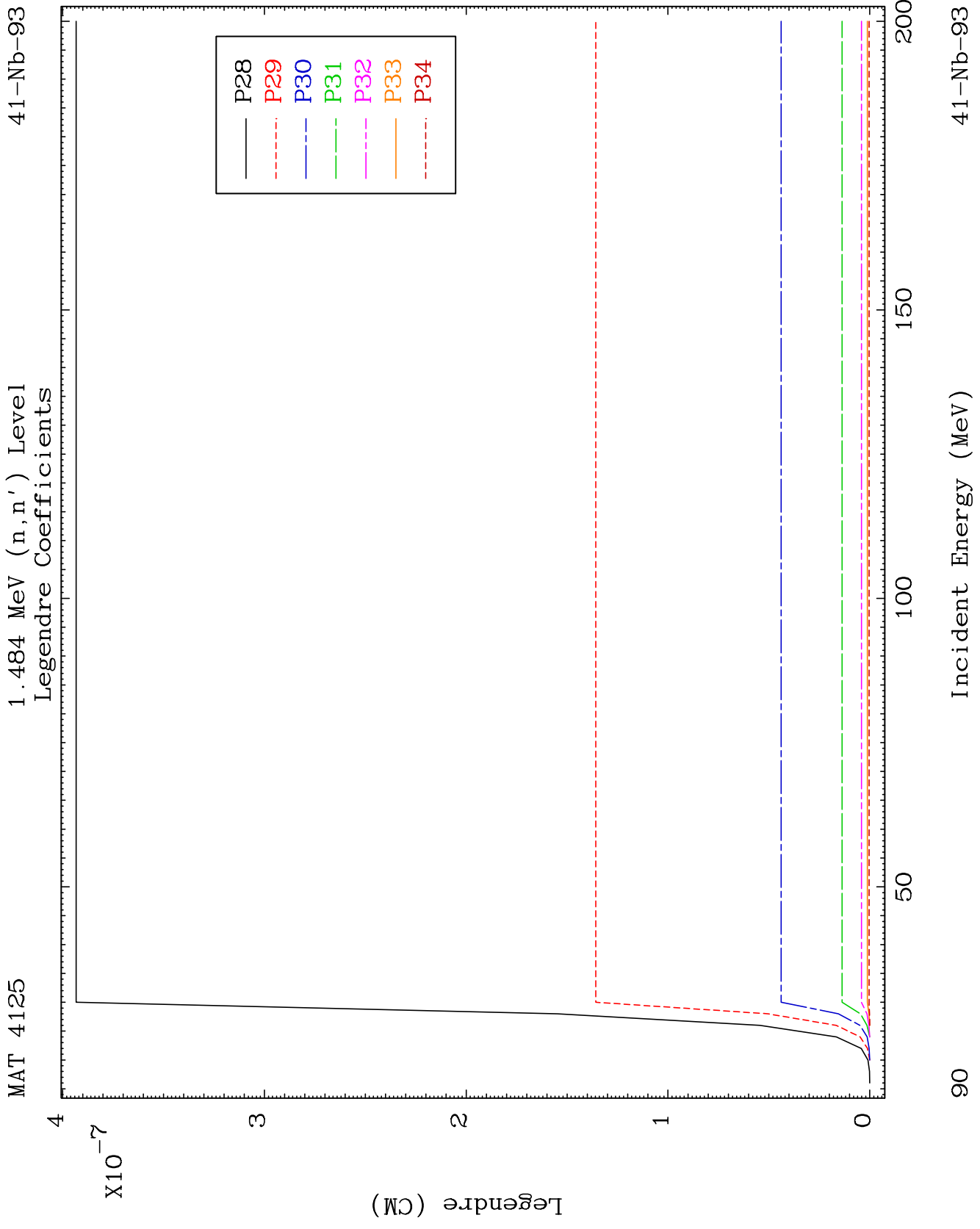


88

Incident Energy (MeV)

41-Nb-93

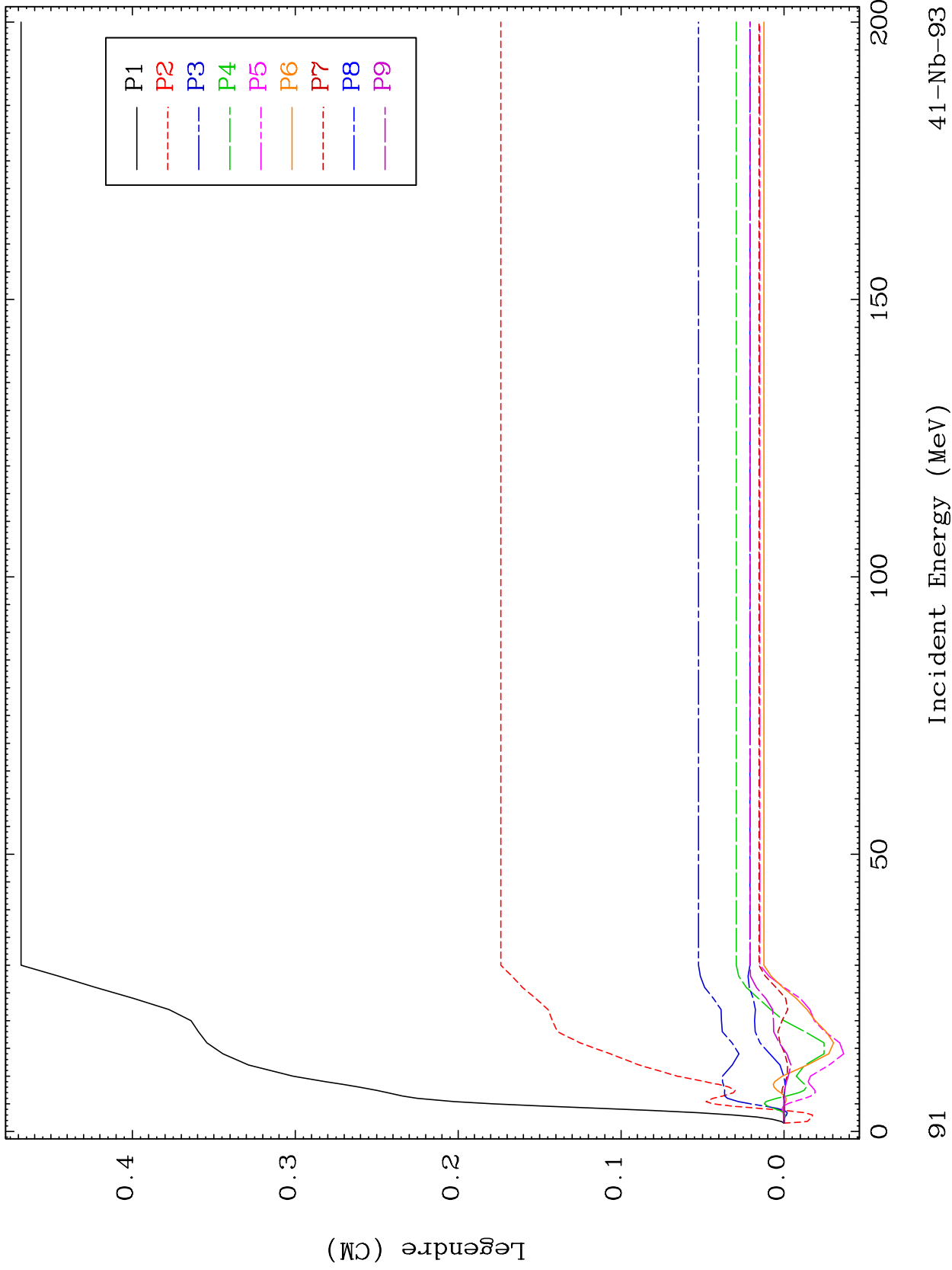




MAT 4125

1.491 MeV (n,n') Level
Legendre Coefficients

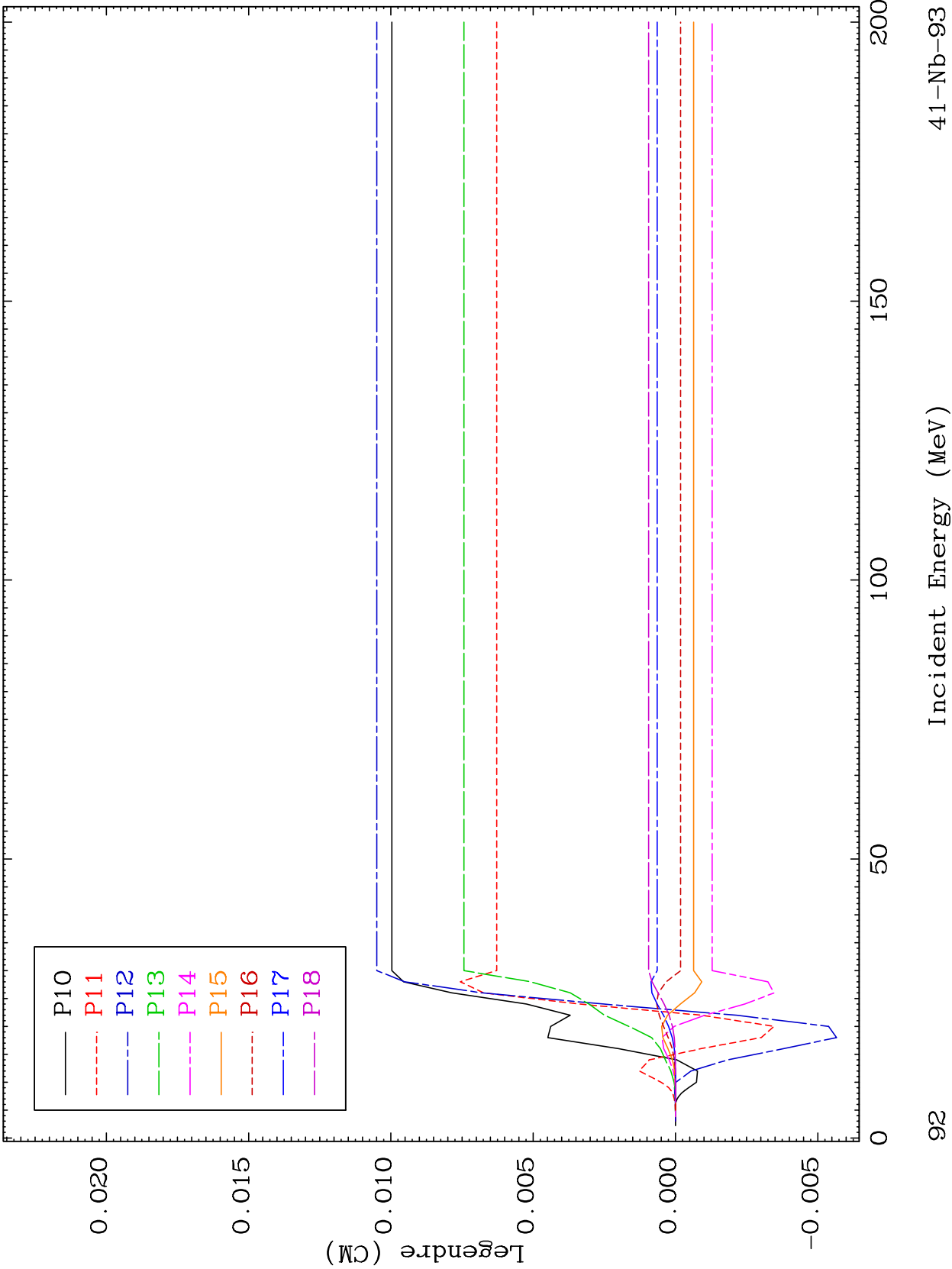
41-Nb-93

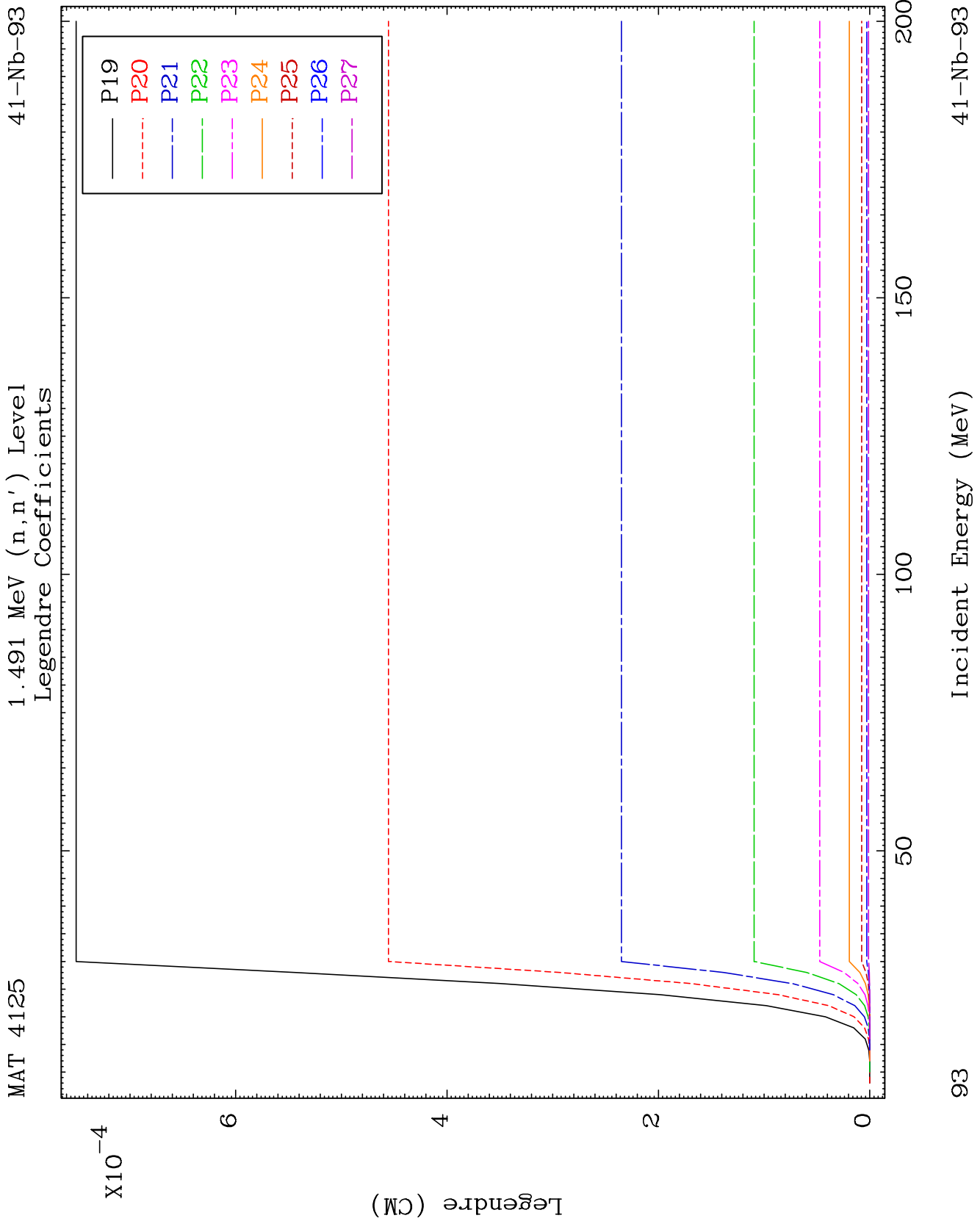


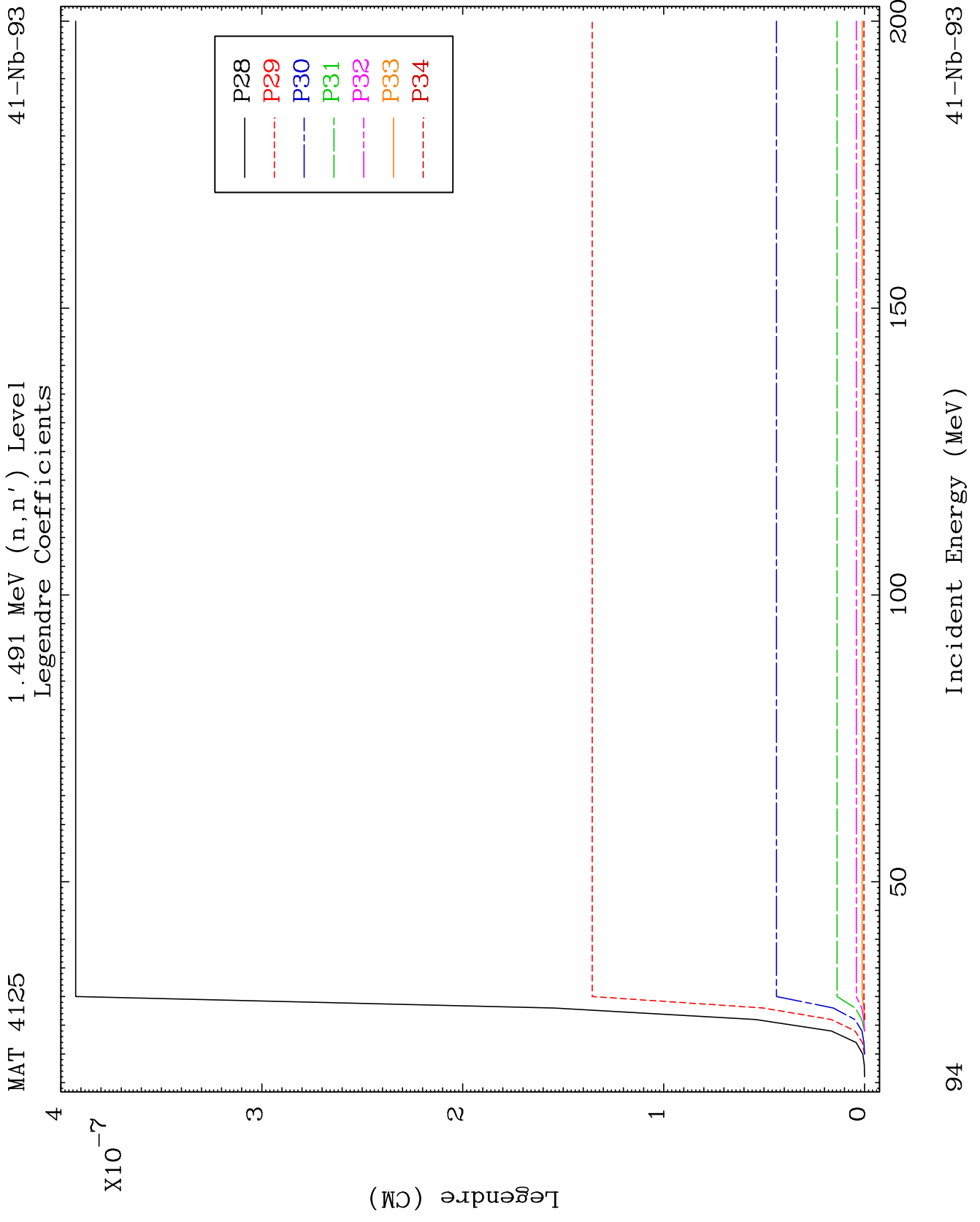
91

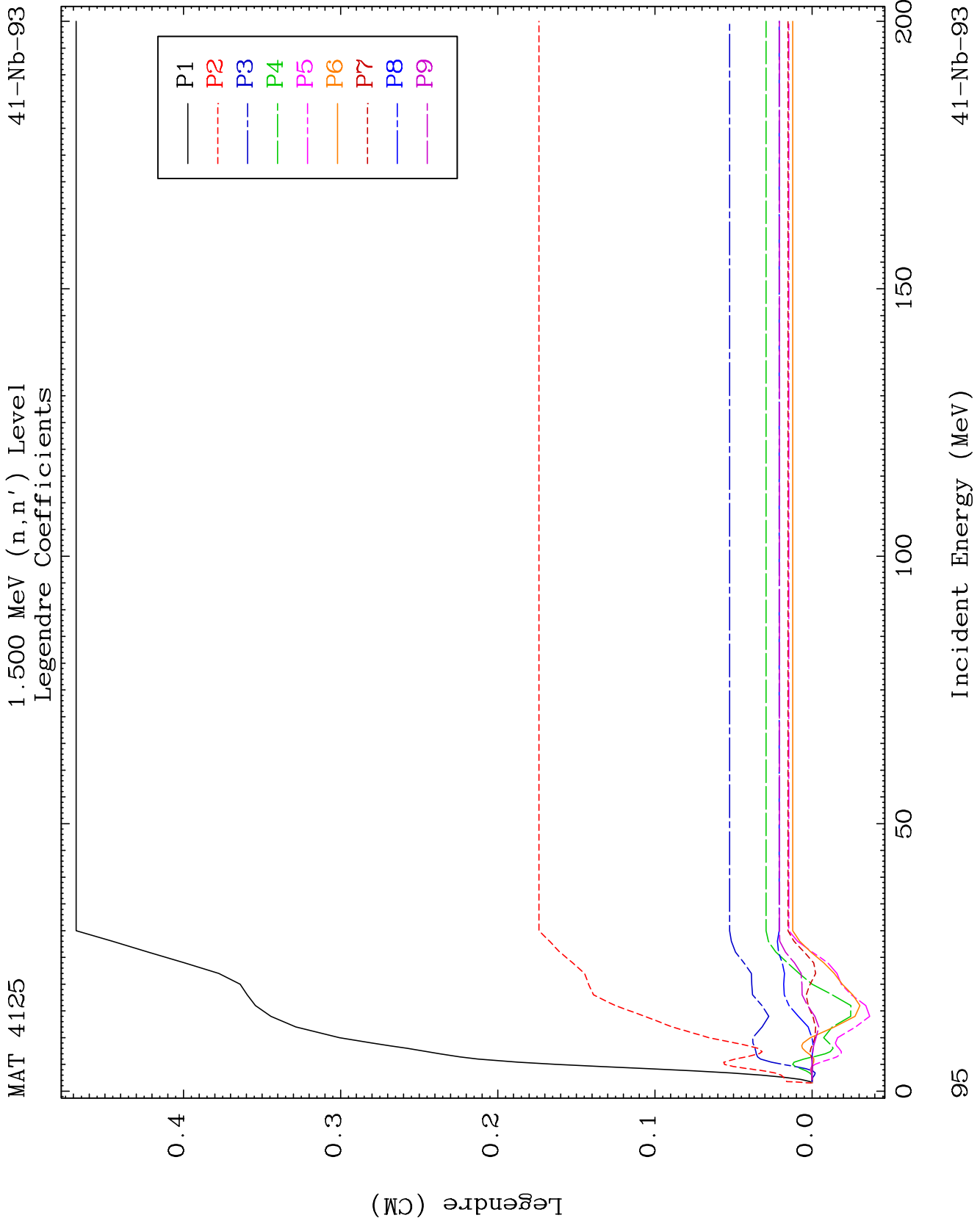
Incident Energy (MeV)

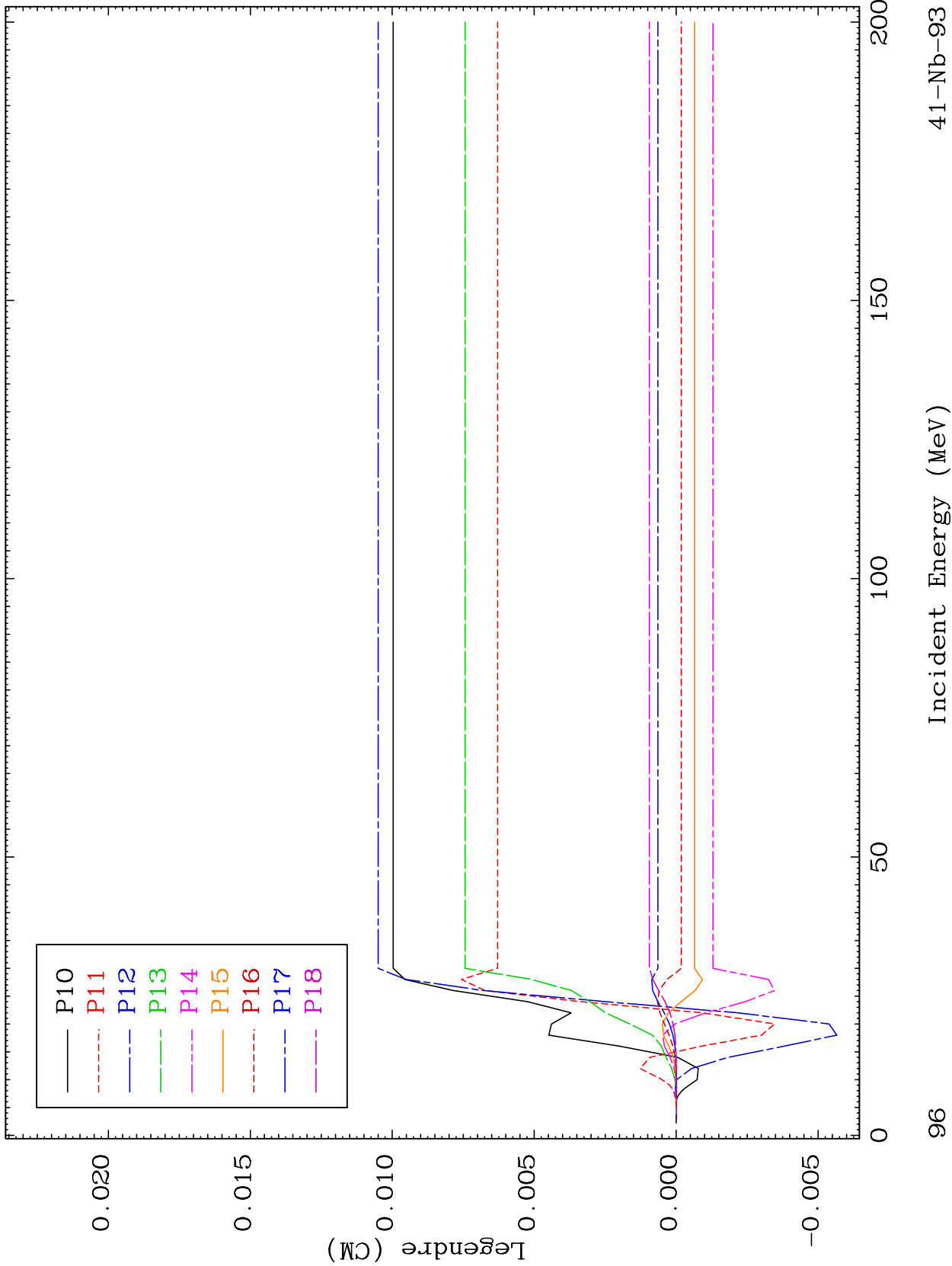
41-Nb-93

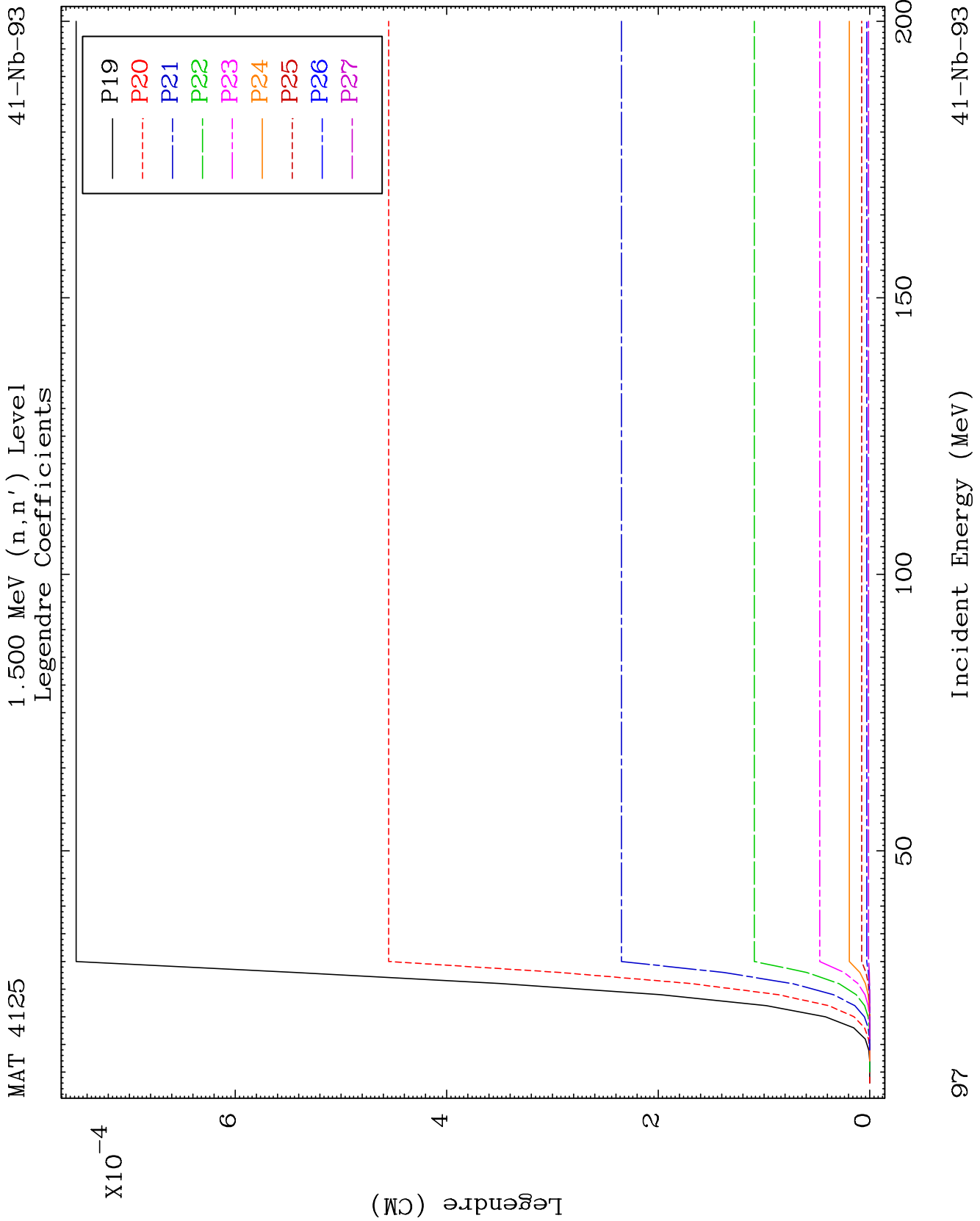


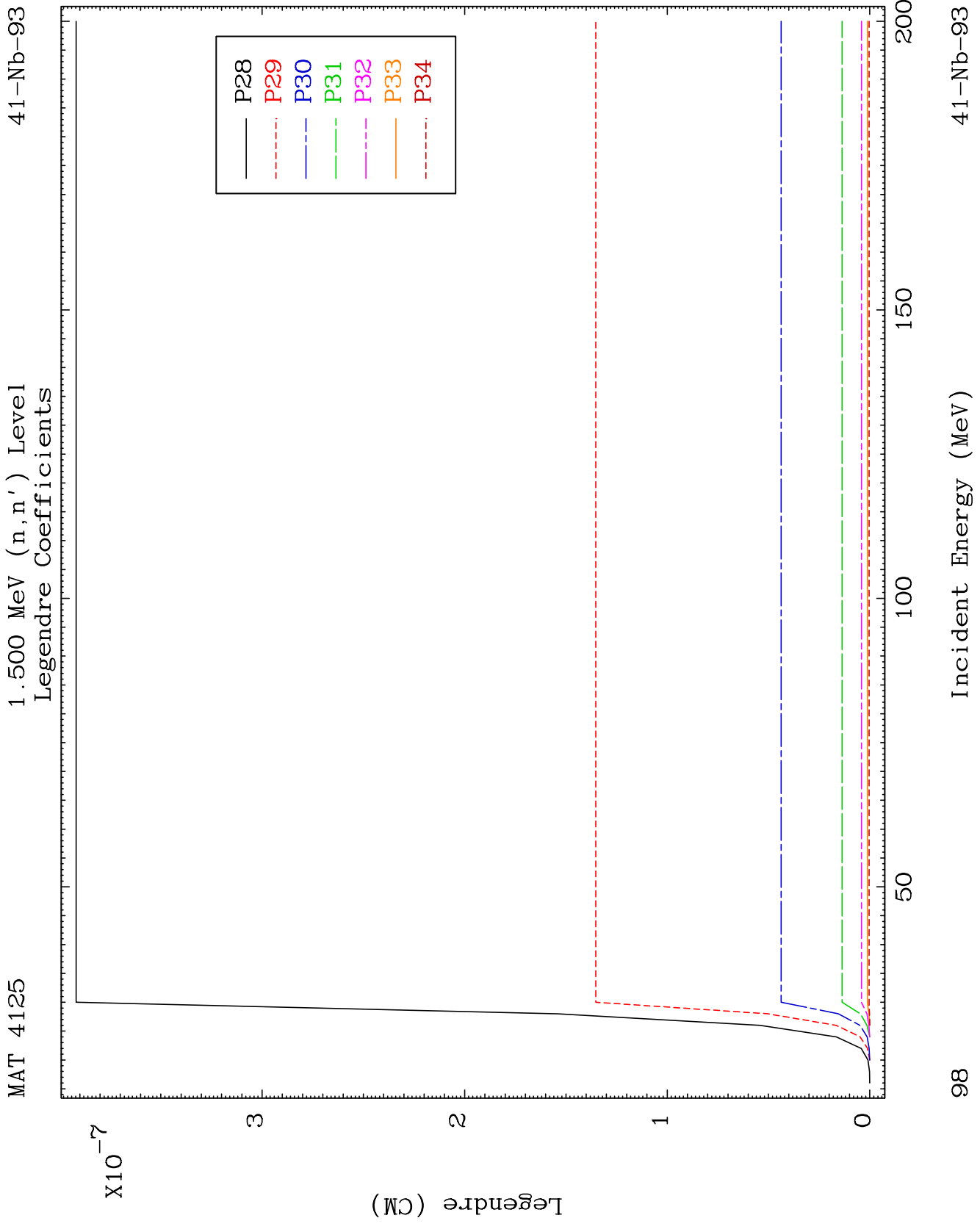








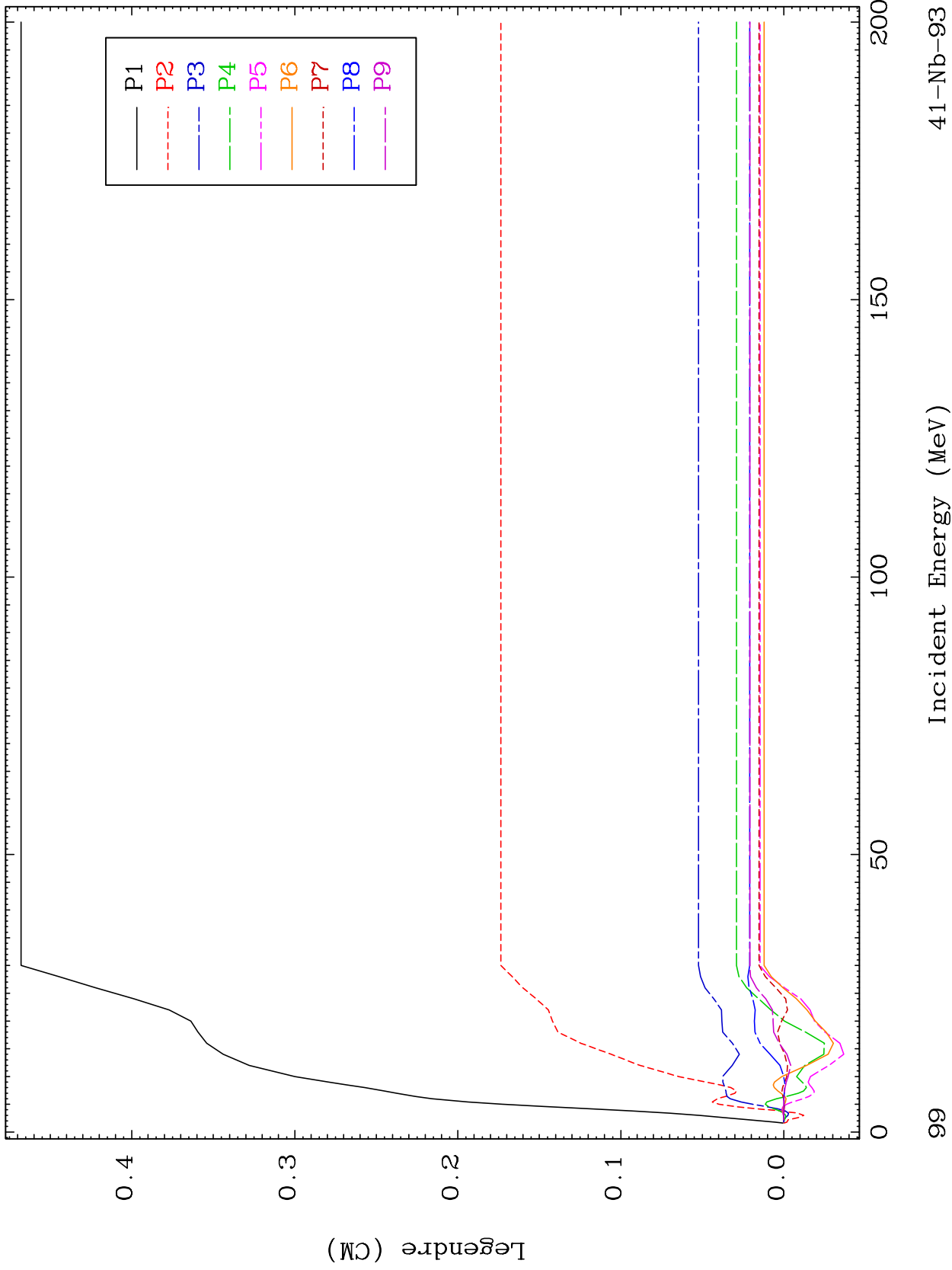




MAT 4125

1.572 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



41-Nb-93

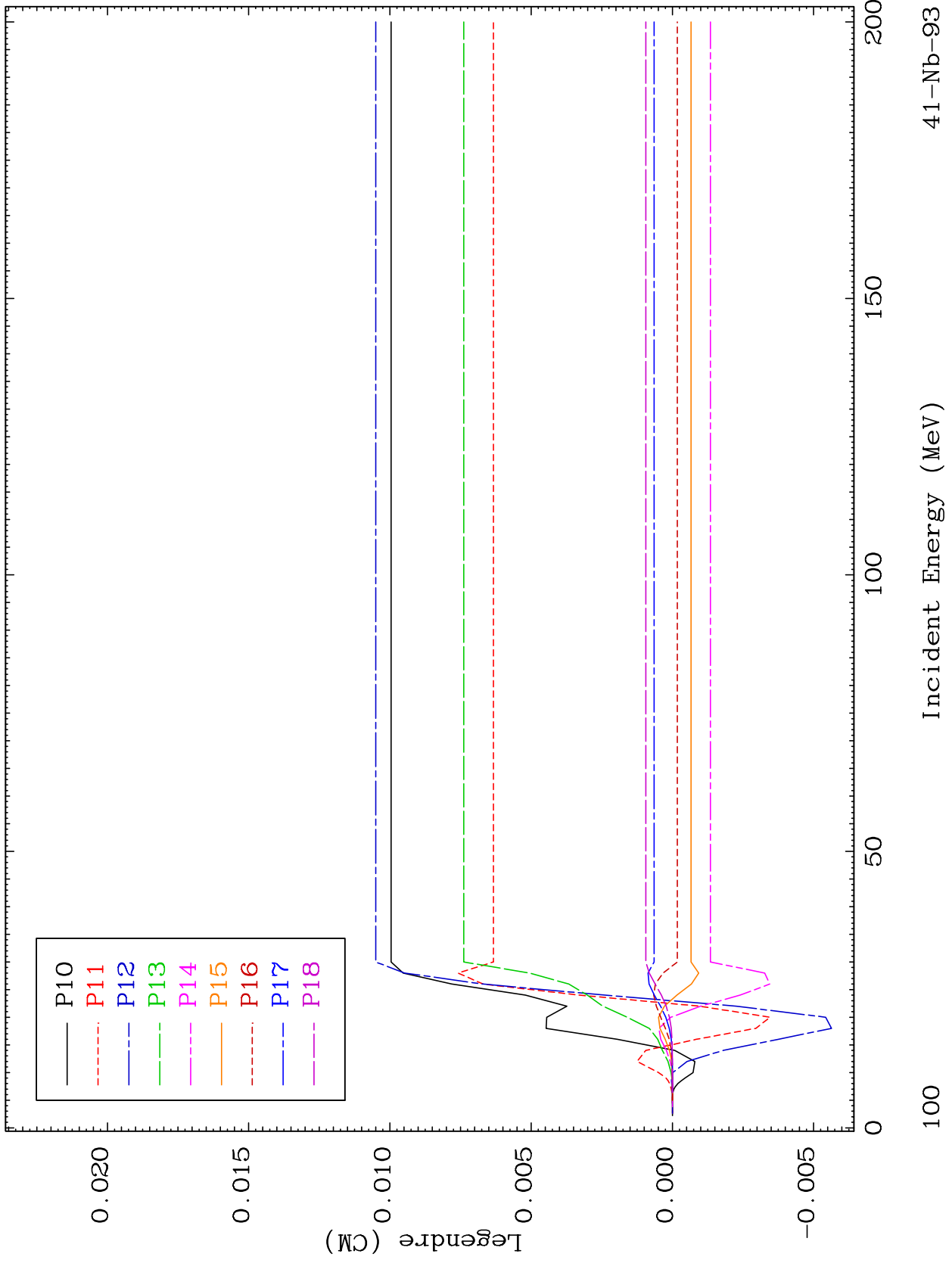
Incident Energy (MeV)

99

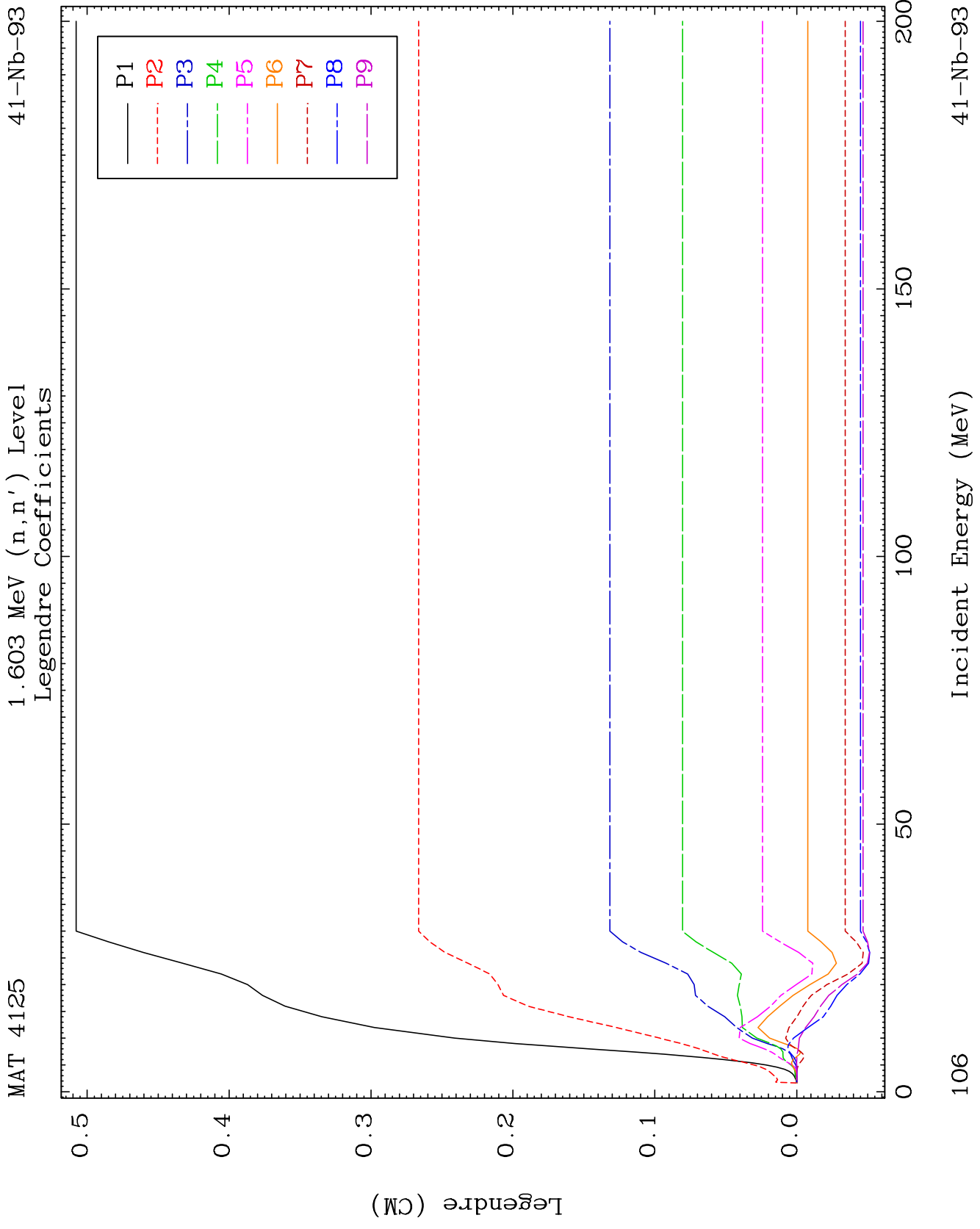
MAT 4125

1.572 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



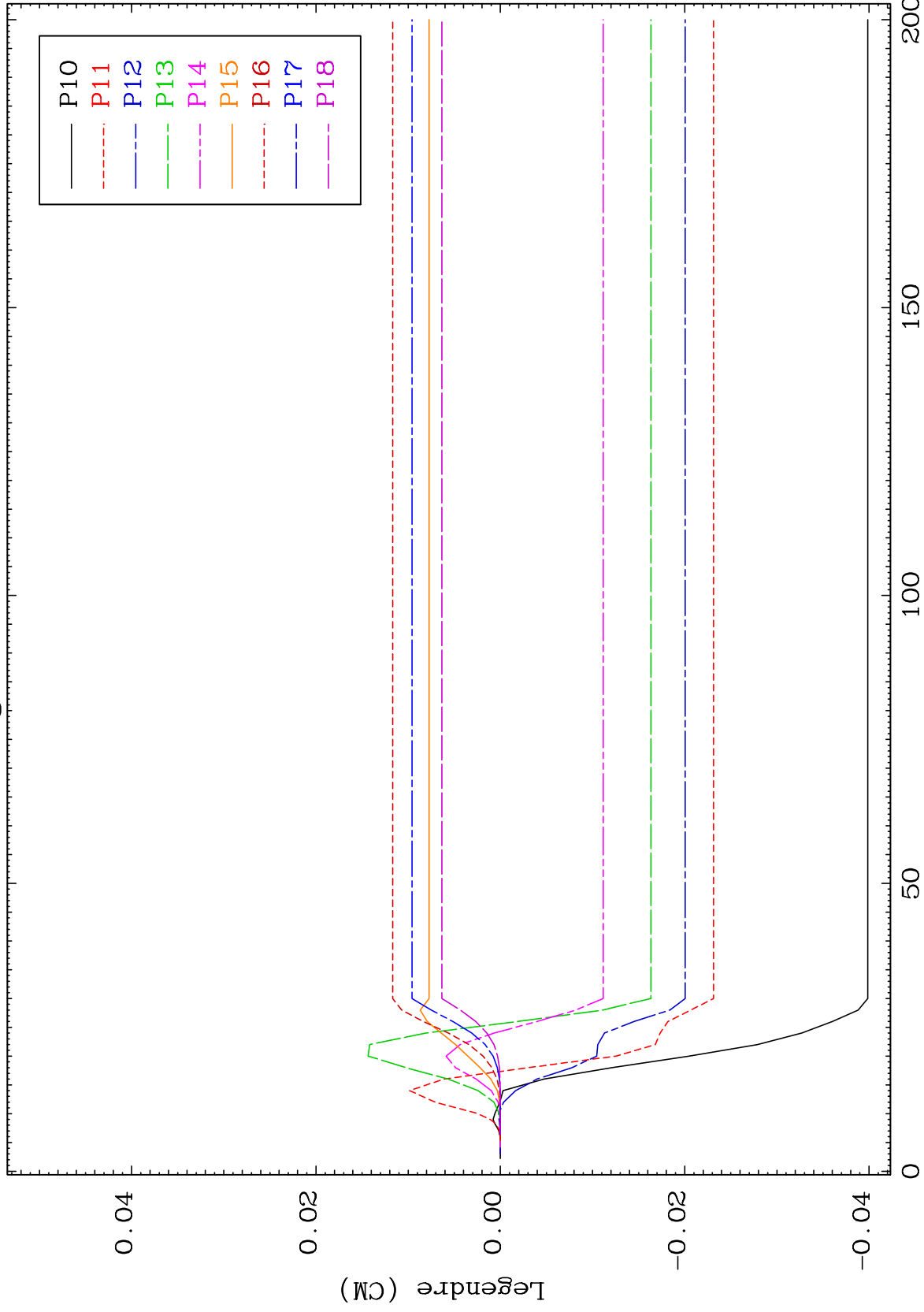
41-Nb-93



MAT 4125

1.603 MeV (n,n') Level
Legendre Coefficients

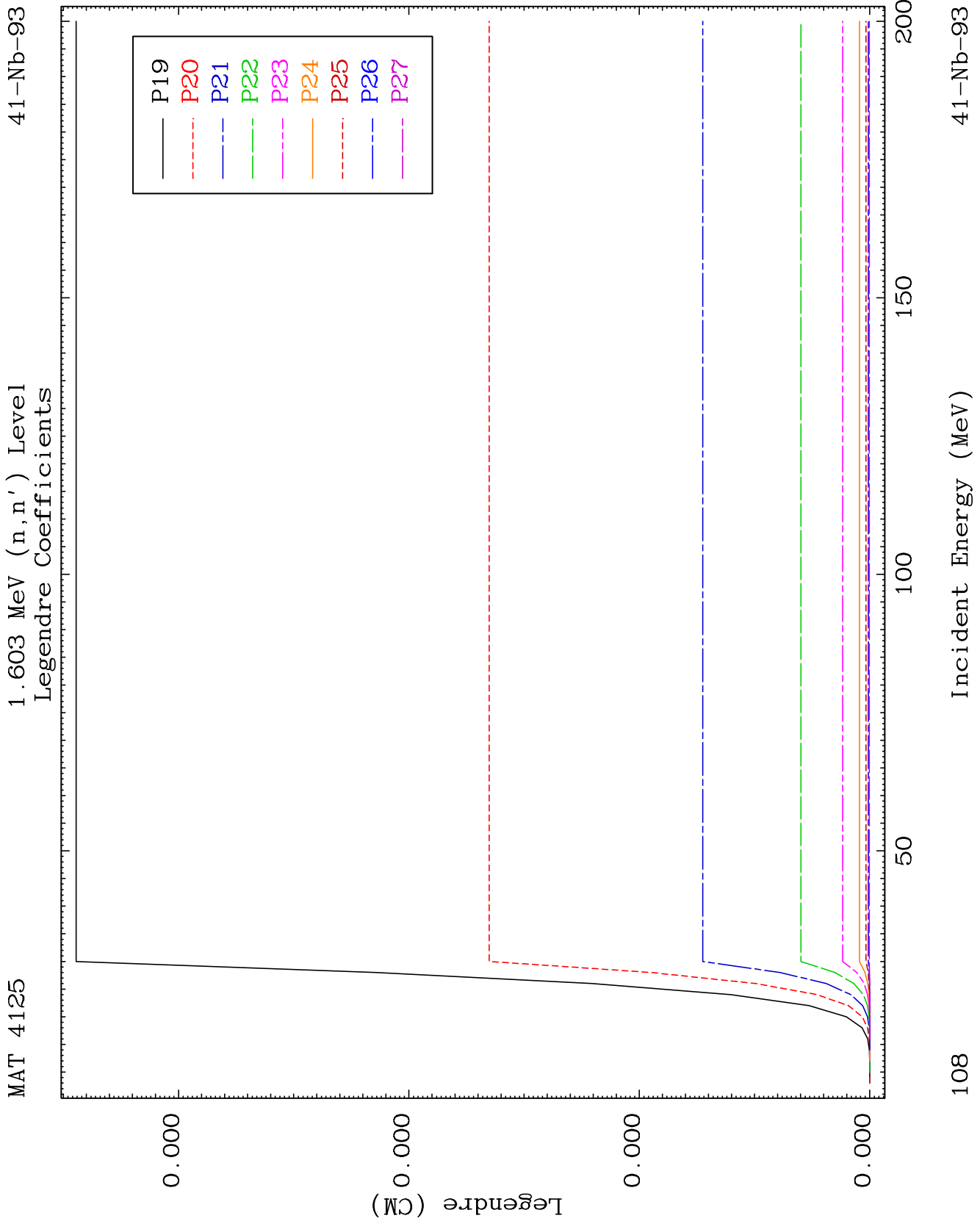
41-Nb-93



107

Incident Energy (MeV)

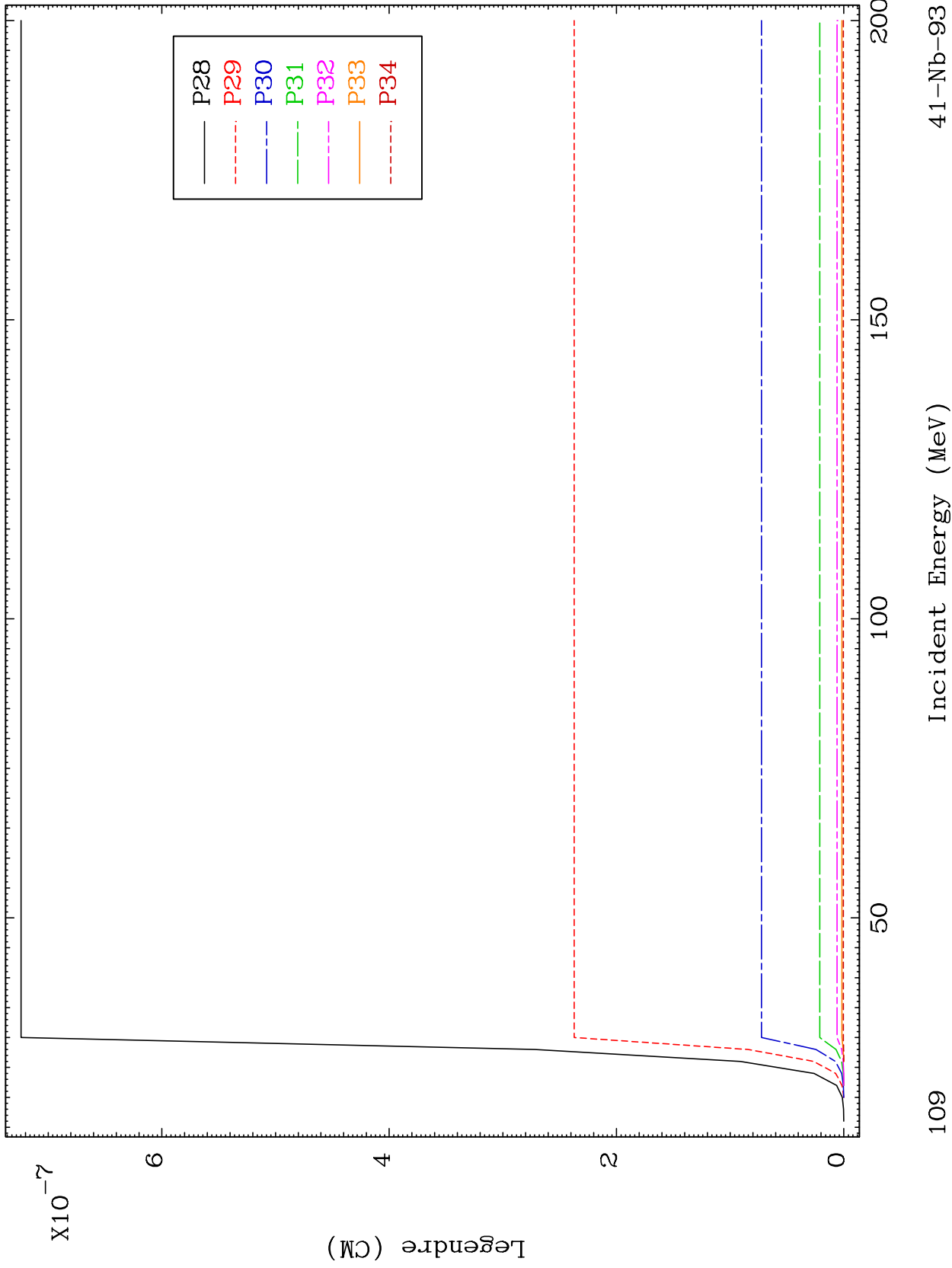
41-Nb-93



MAT 4125

1.603 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



109

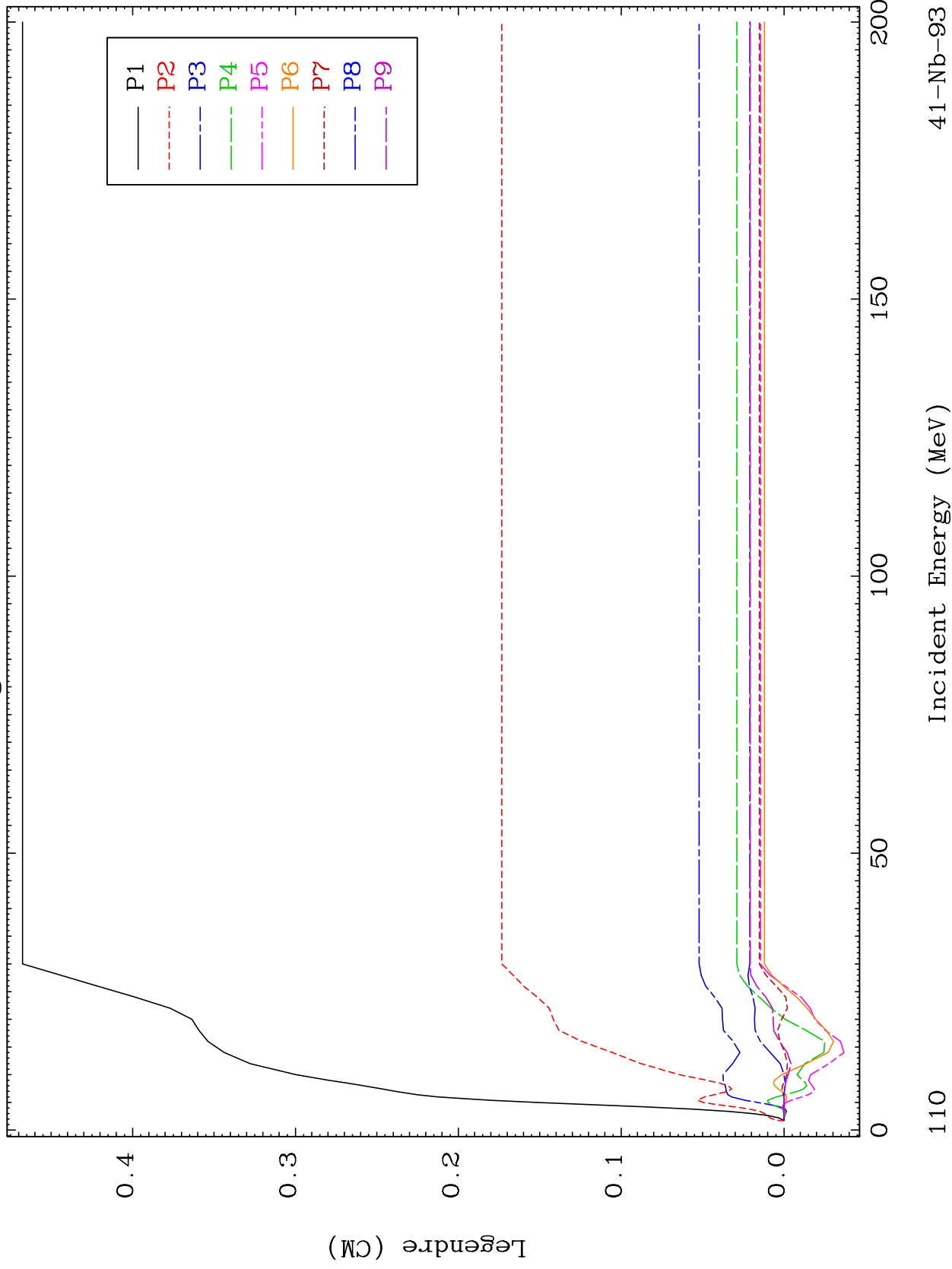
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.635 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



41-Nb-93

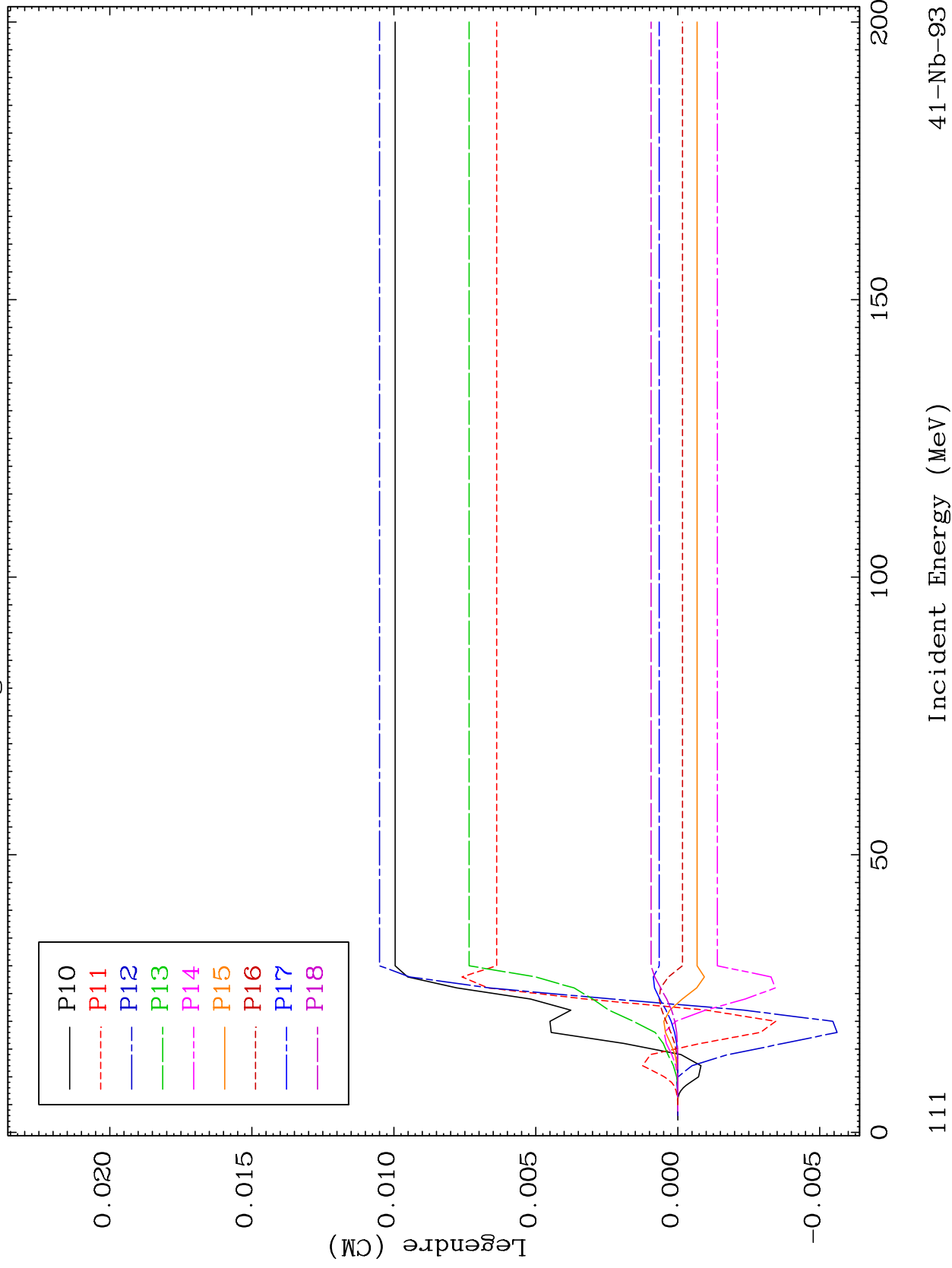
Incident Energy (MeV)

110

MAT 4125

1.635 MeV (n,n') Level
Legendre Coefficients

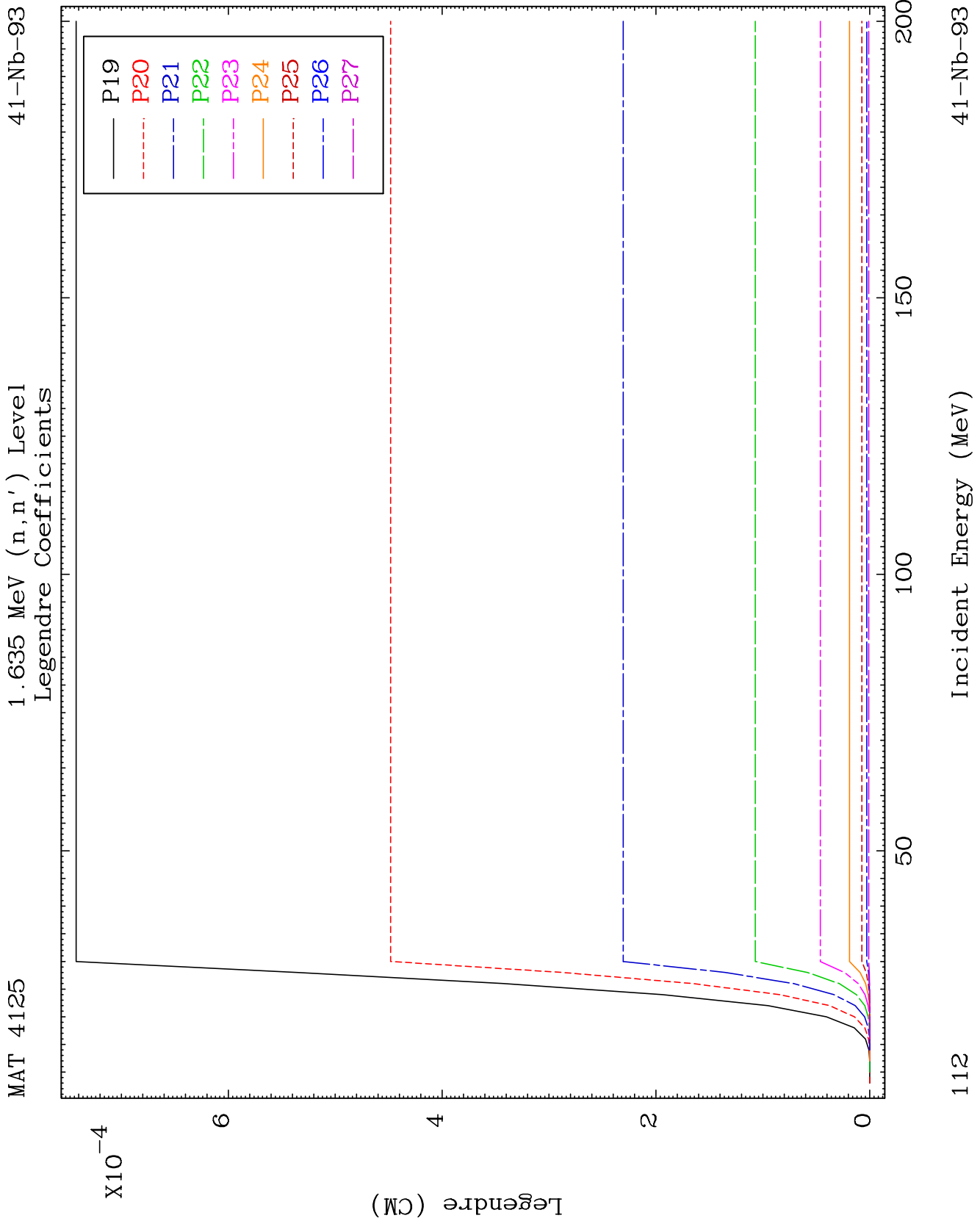
41-Nb-93

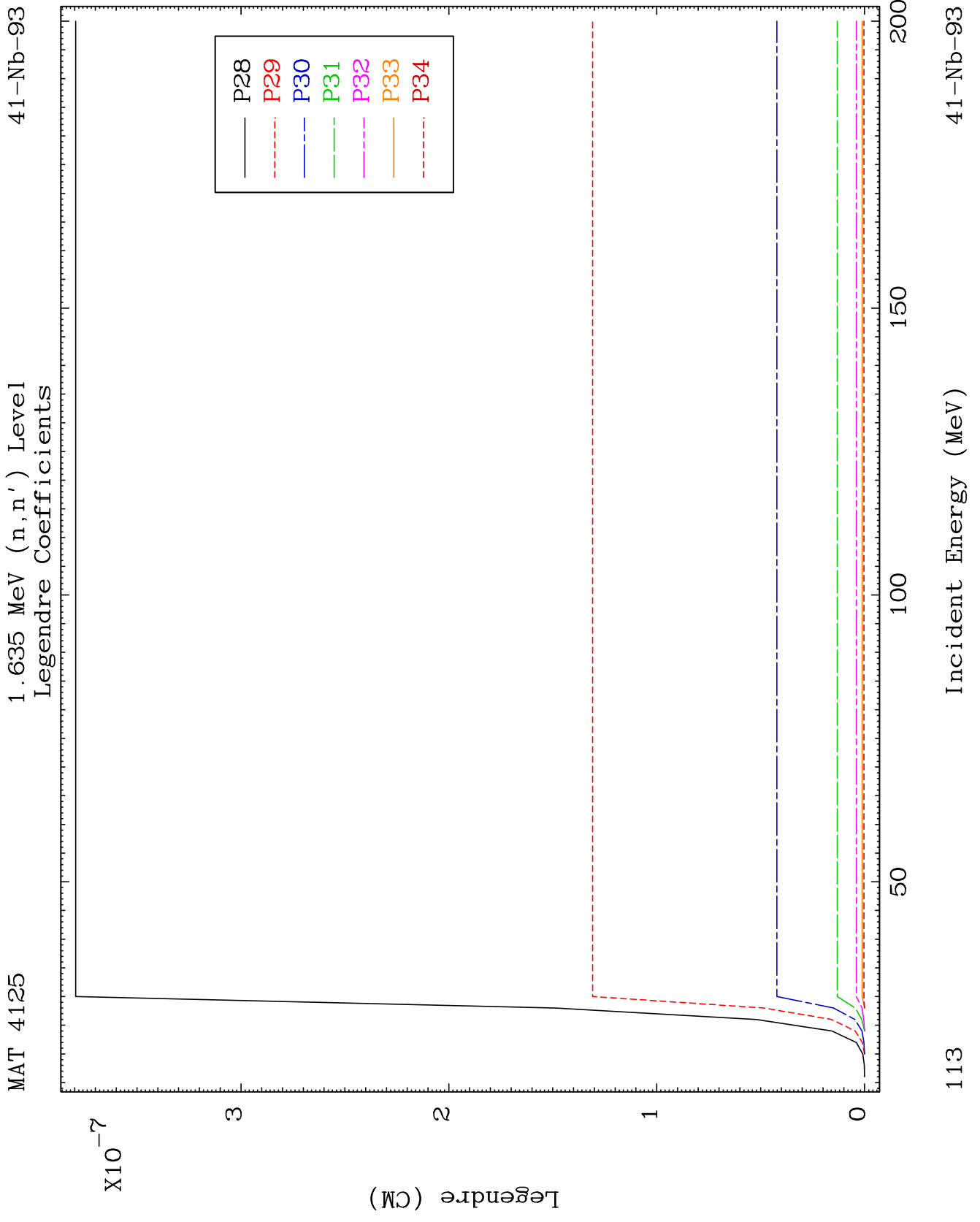


111

Incident Energy (MeV)

41-Nb-93

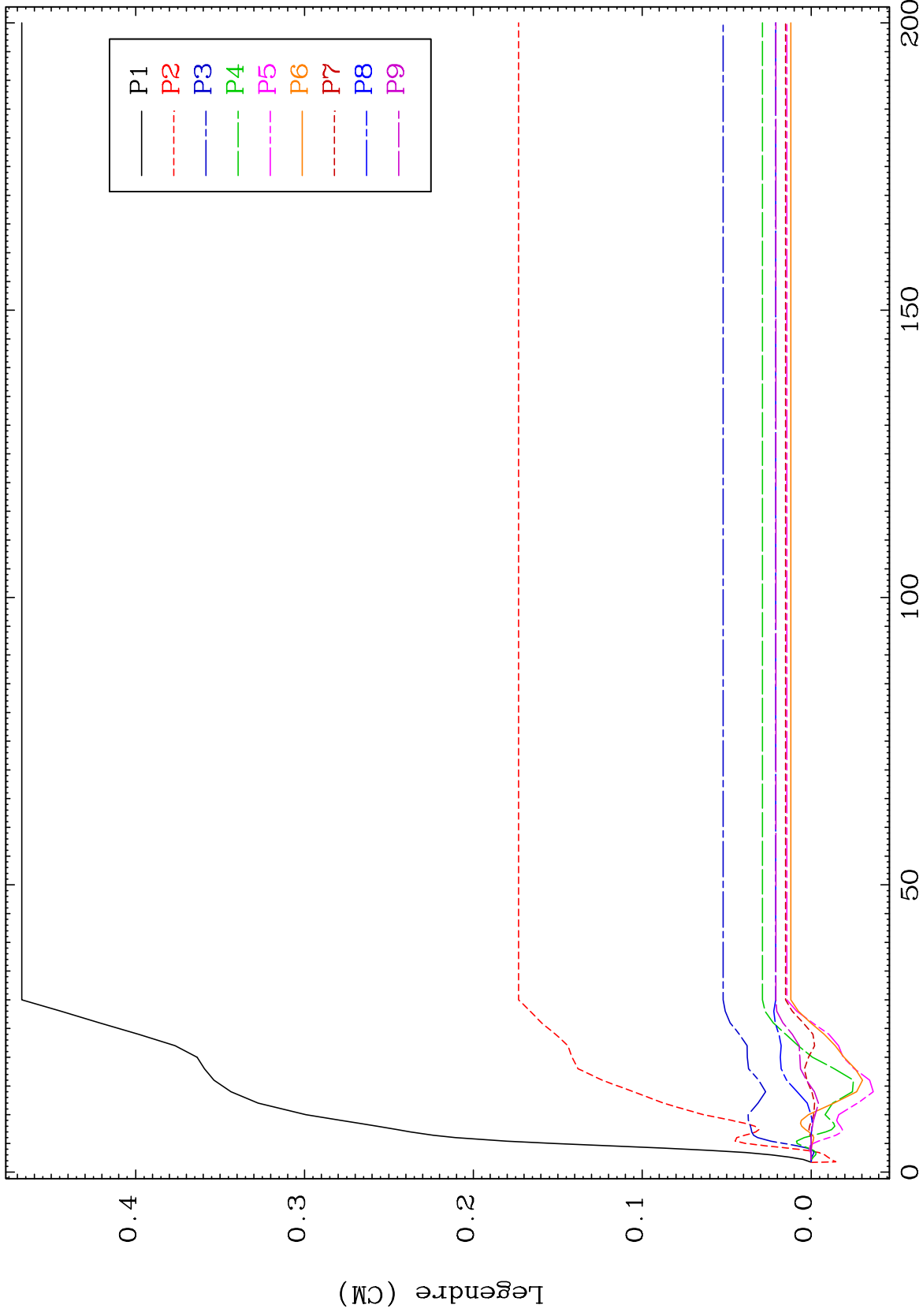




MAT 4125

1.666 MeV (n,n') Level
Legendre Coefficients

41-Nb-93



114

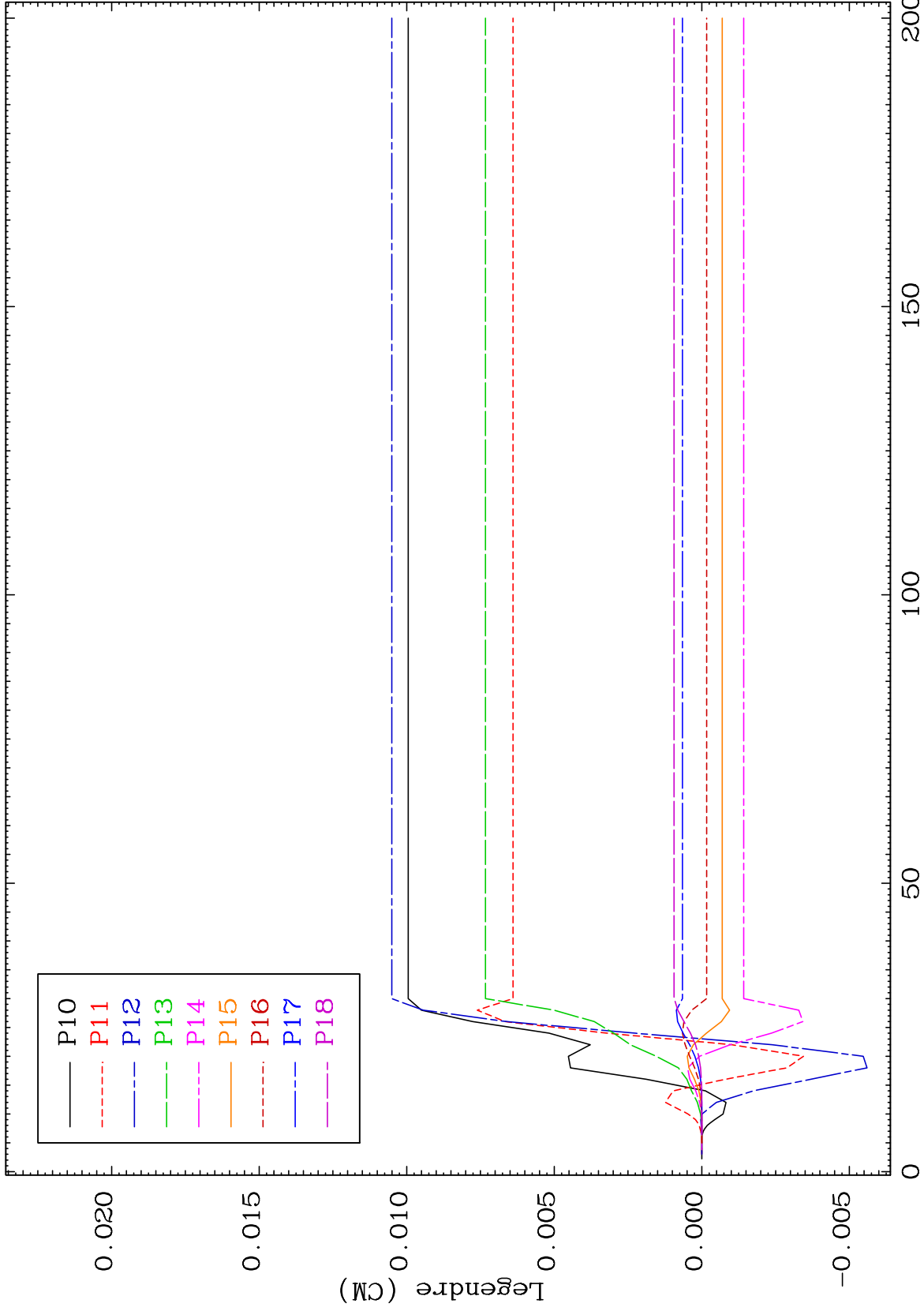
Incident Energy (MeV)

41-Nb-93

MAT 4125

1.666 MeV (n,n') Level
Legendre Coefficients

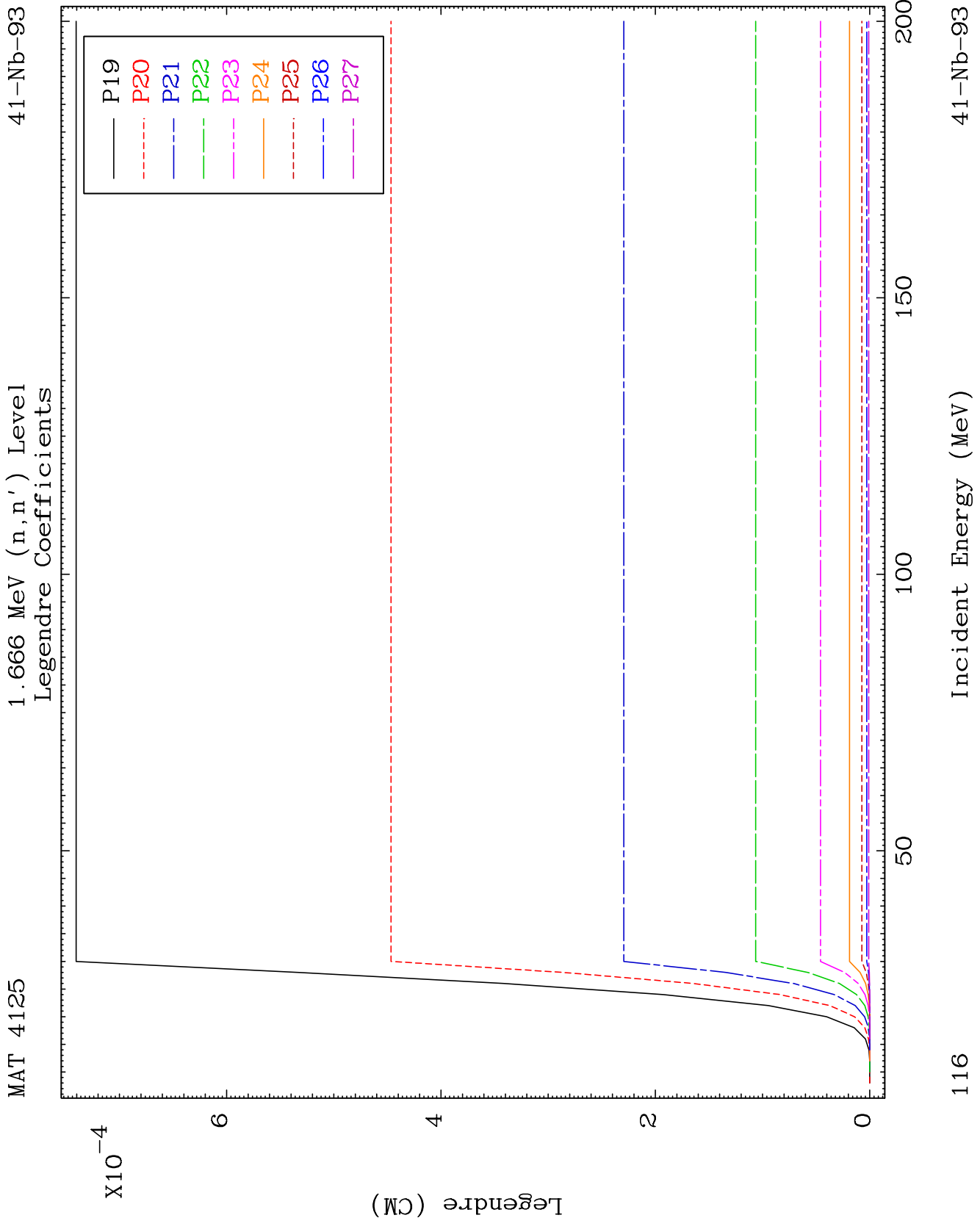
41-Nb-93

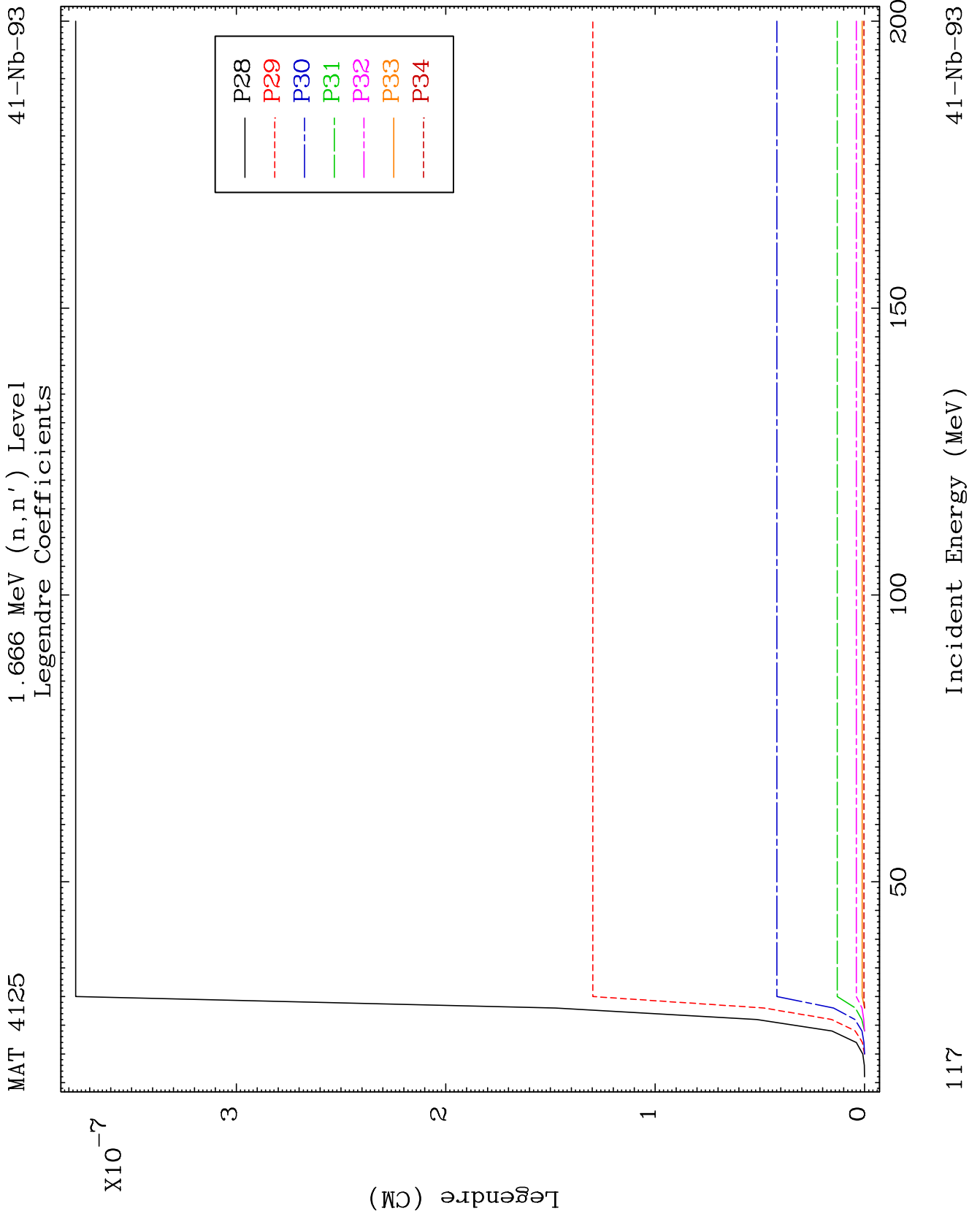


115

Incident Energy (MeV)

41-Nb-93

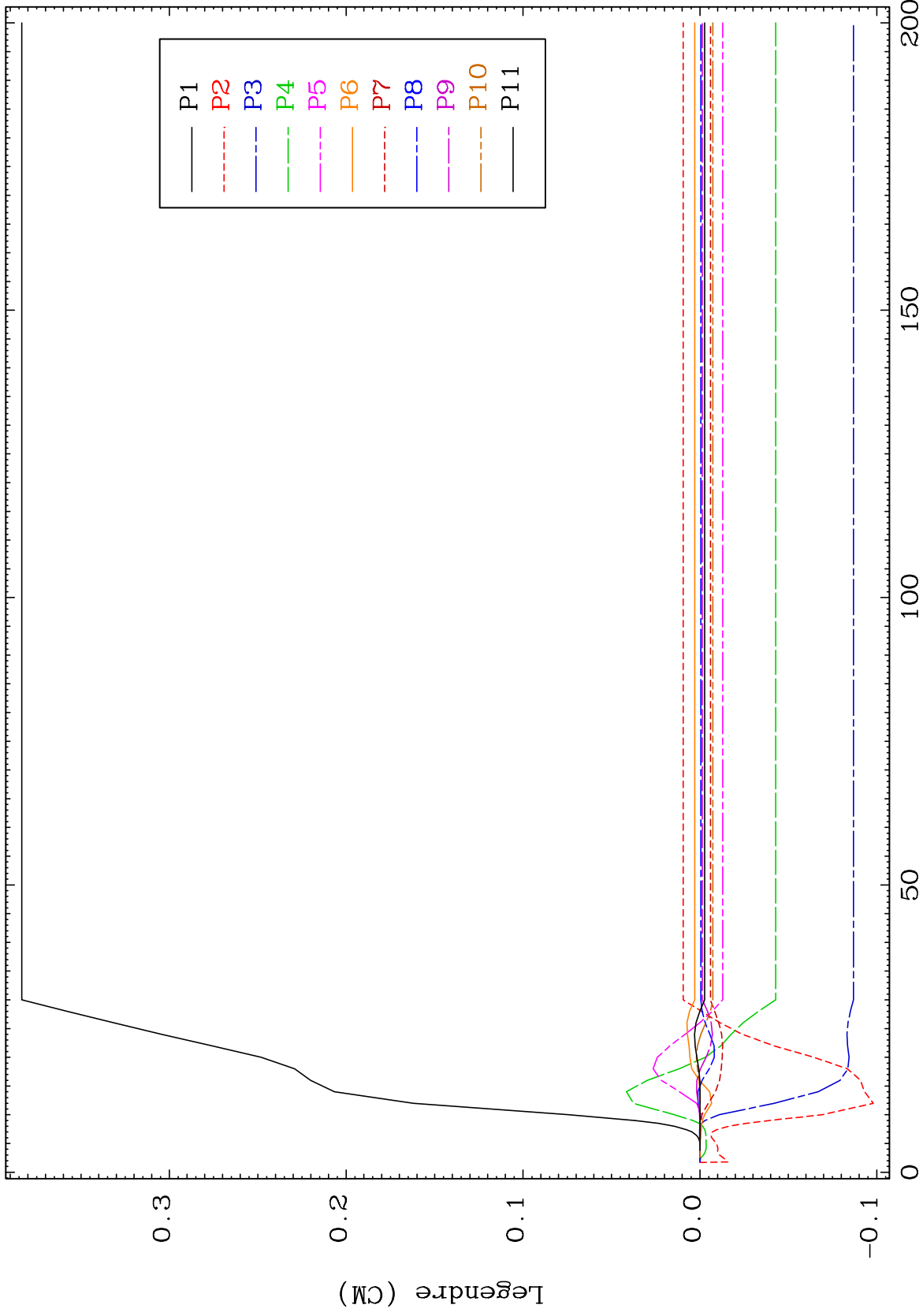




MAT 4125

1.679 MeV (n,n') Level
Legendre Coefficients

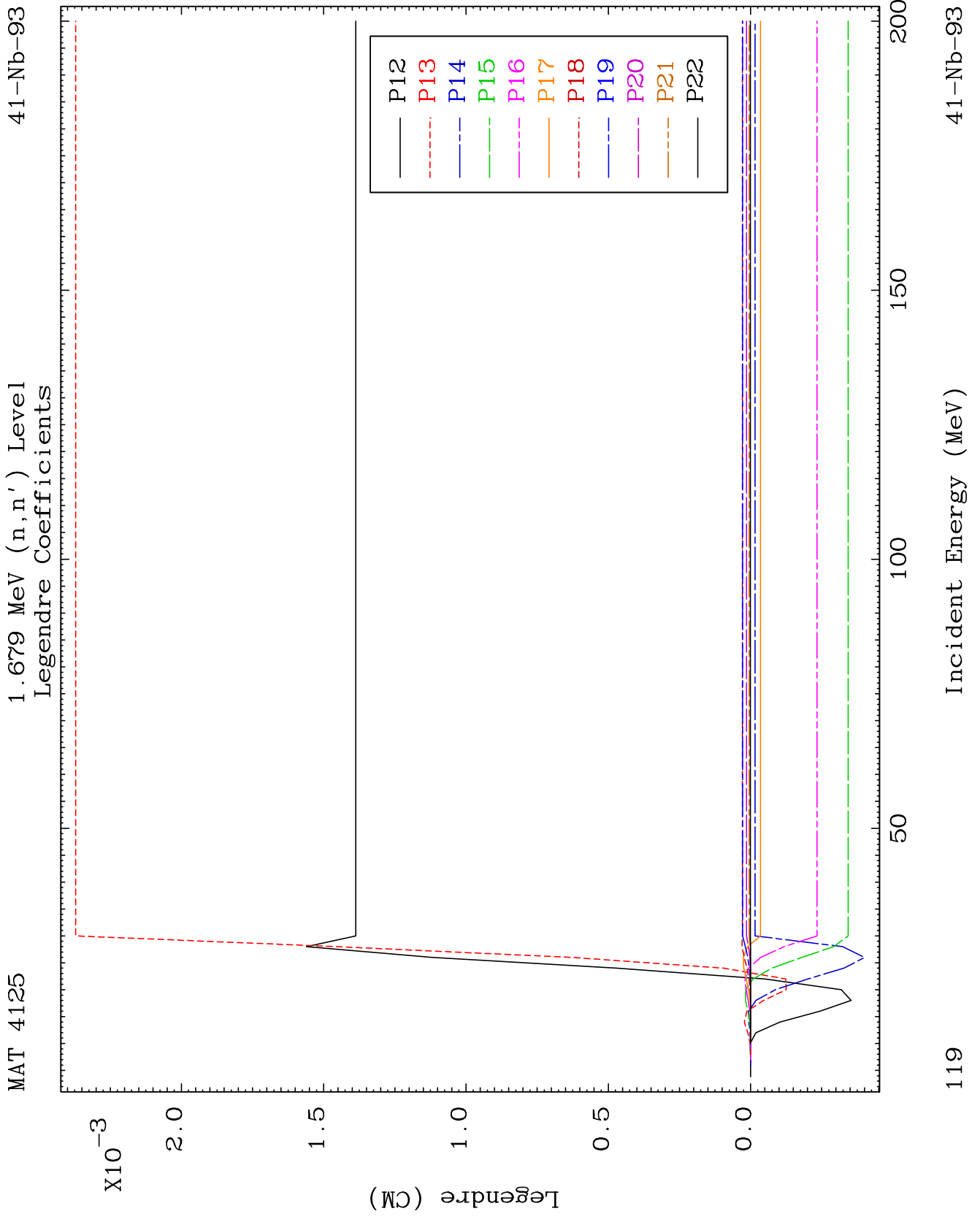
41-Nb-93

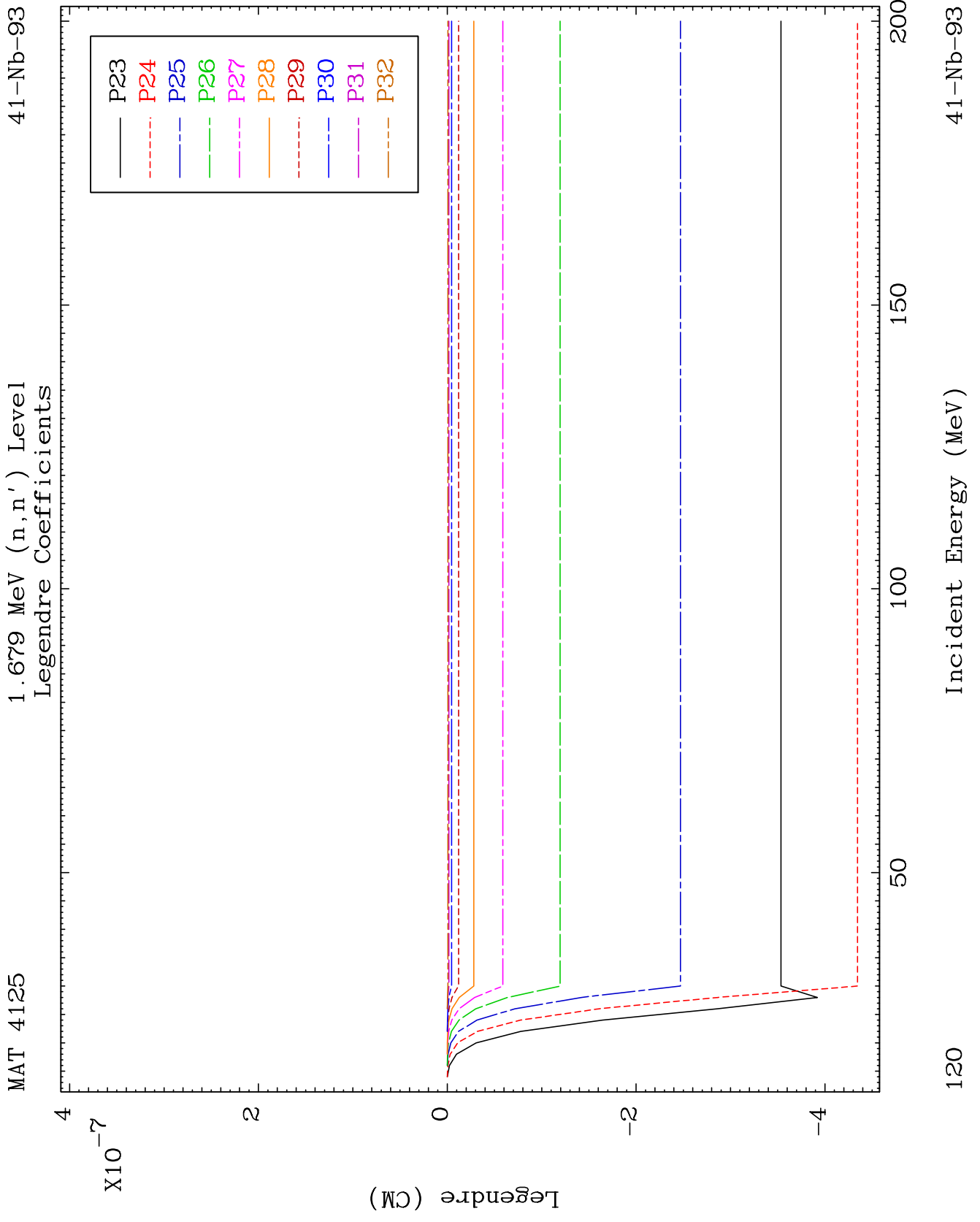


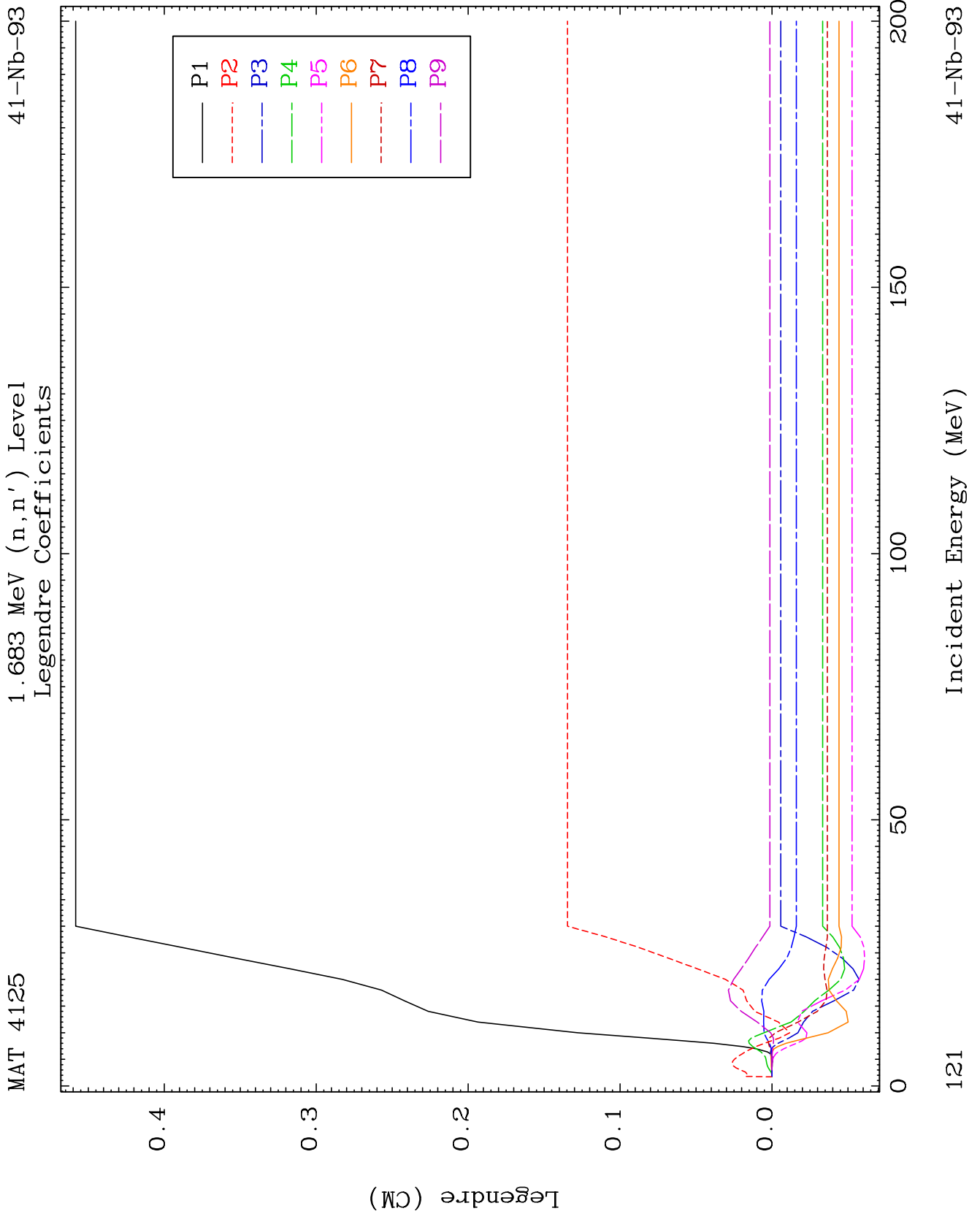
118

Incident Energy (MeV)

41-Nb-93



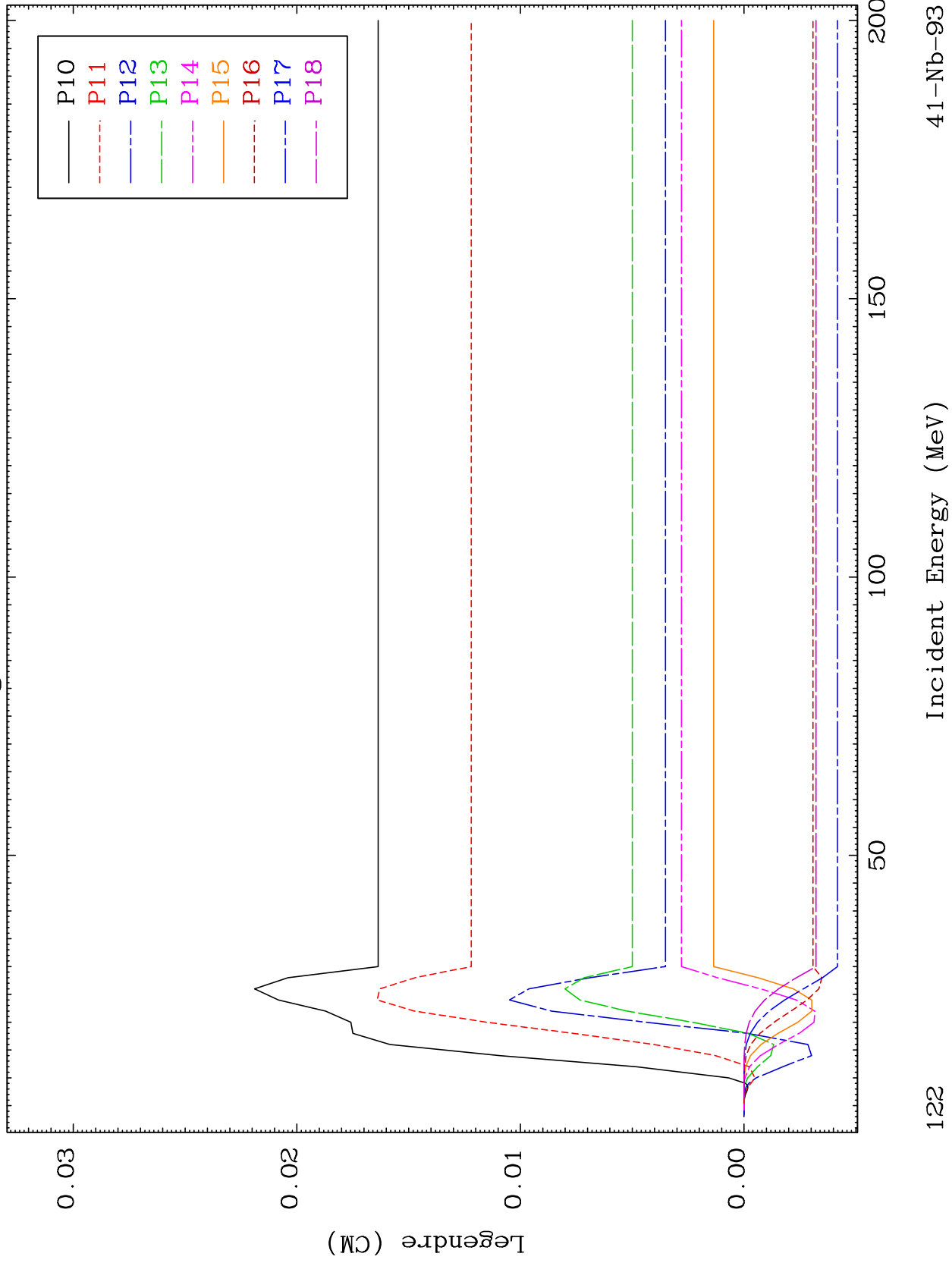




MAT 4125

1.683 MeV (n,n') Level
Legendre Coefficients

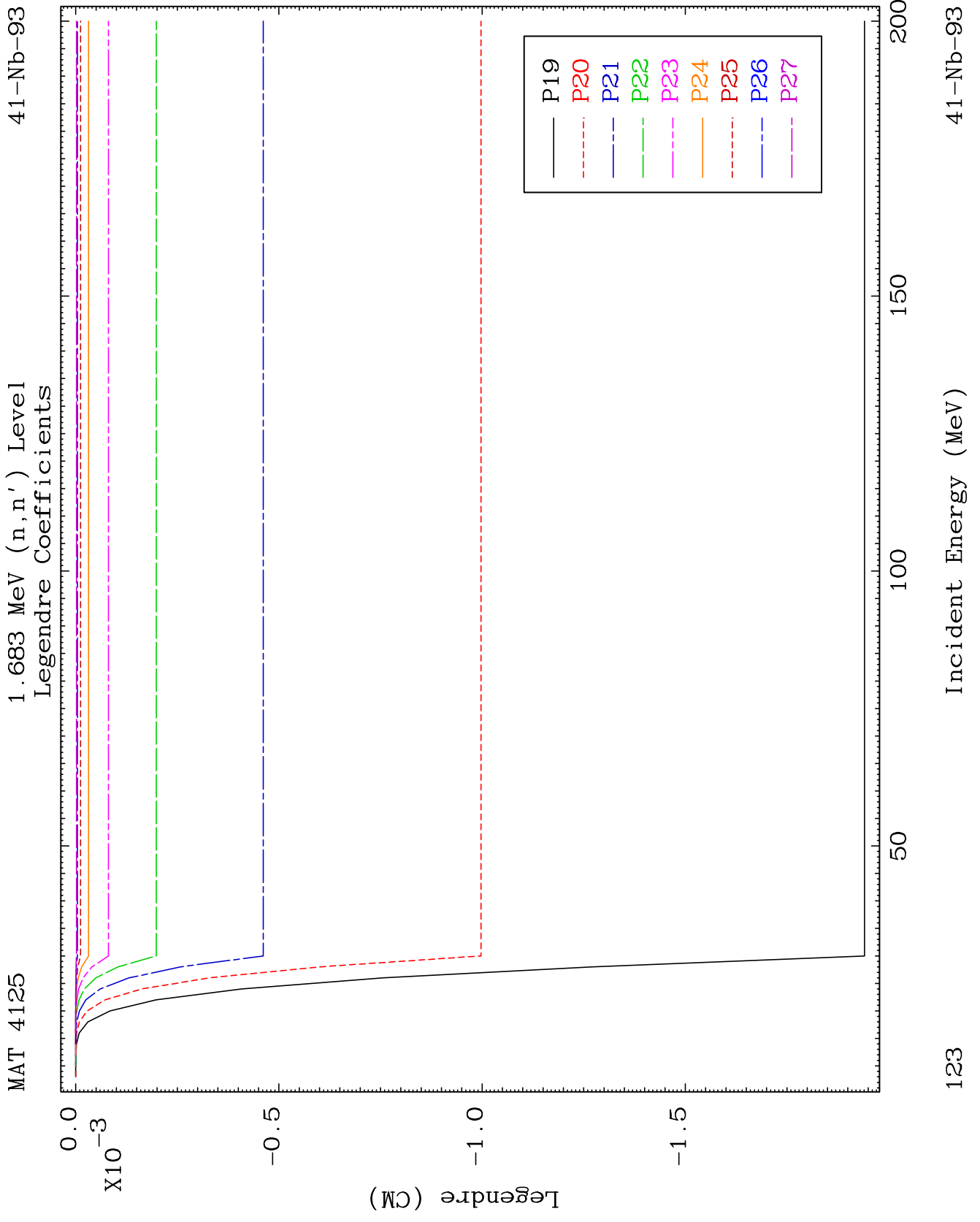
41-Nb-93

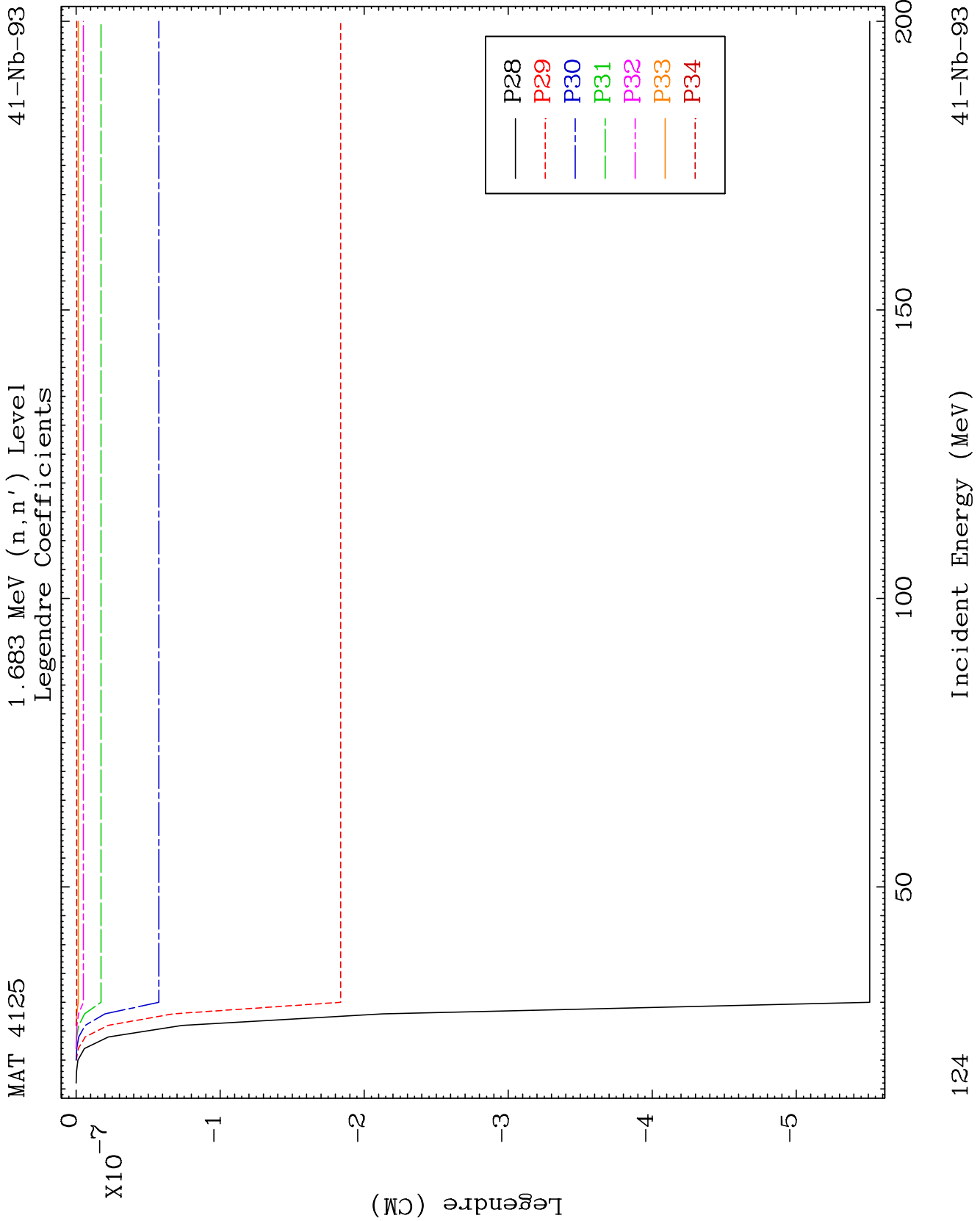


122

Incident Energy (MeV)

41-Nb-93

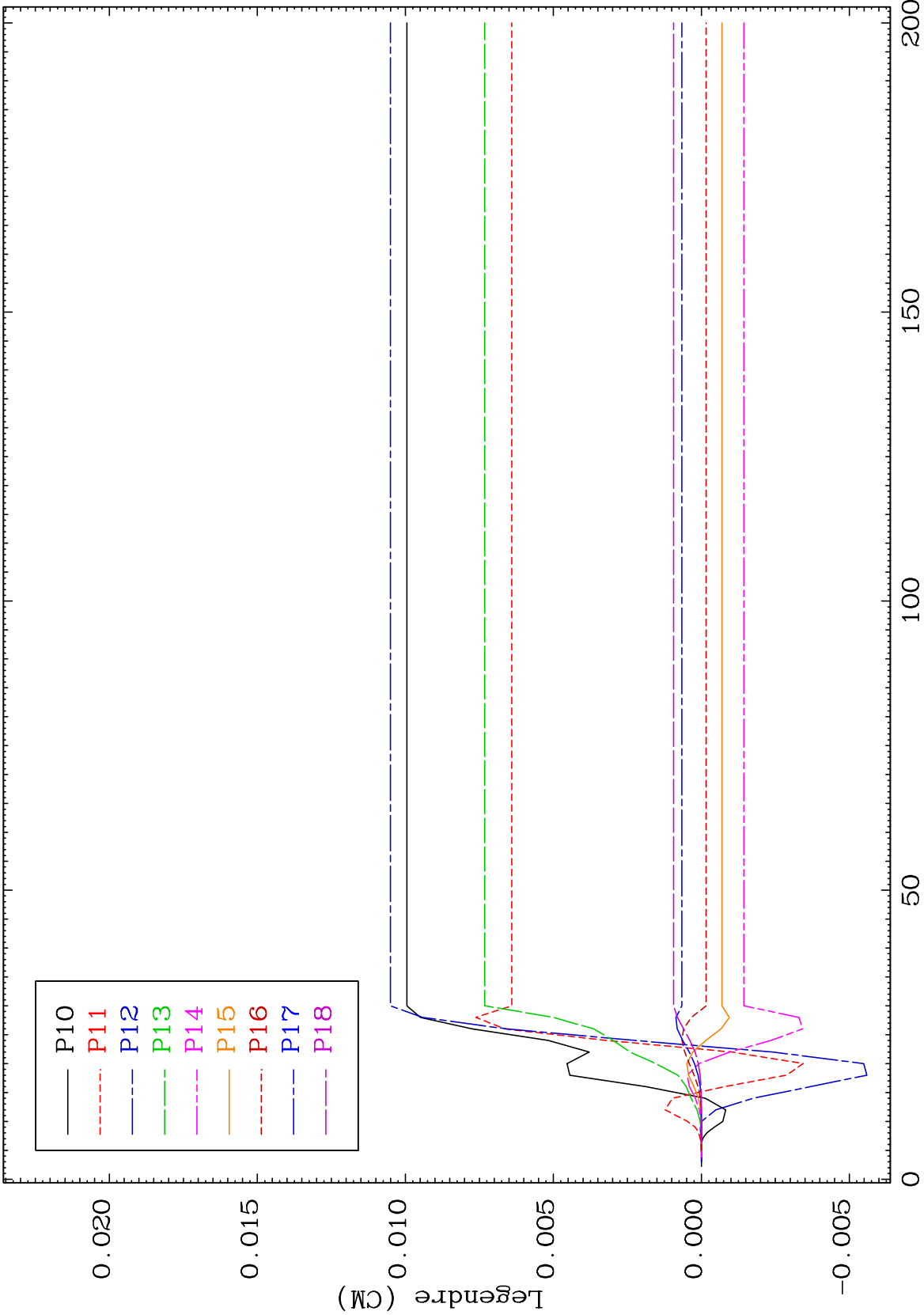




MAT 4125

1.686 MeV (n,n') Level
Legendre Coefficients

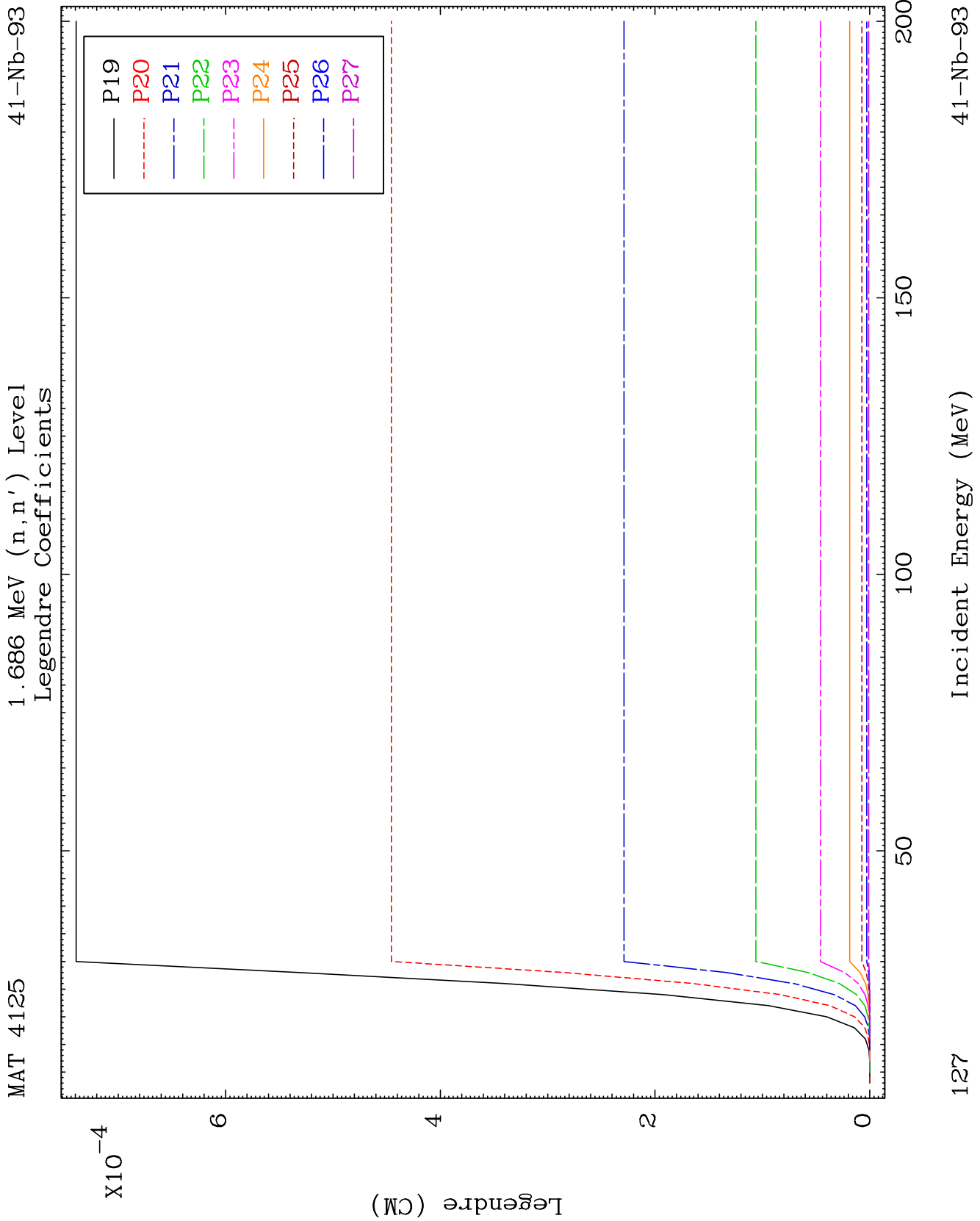
41-Nb-93

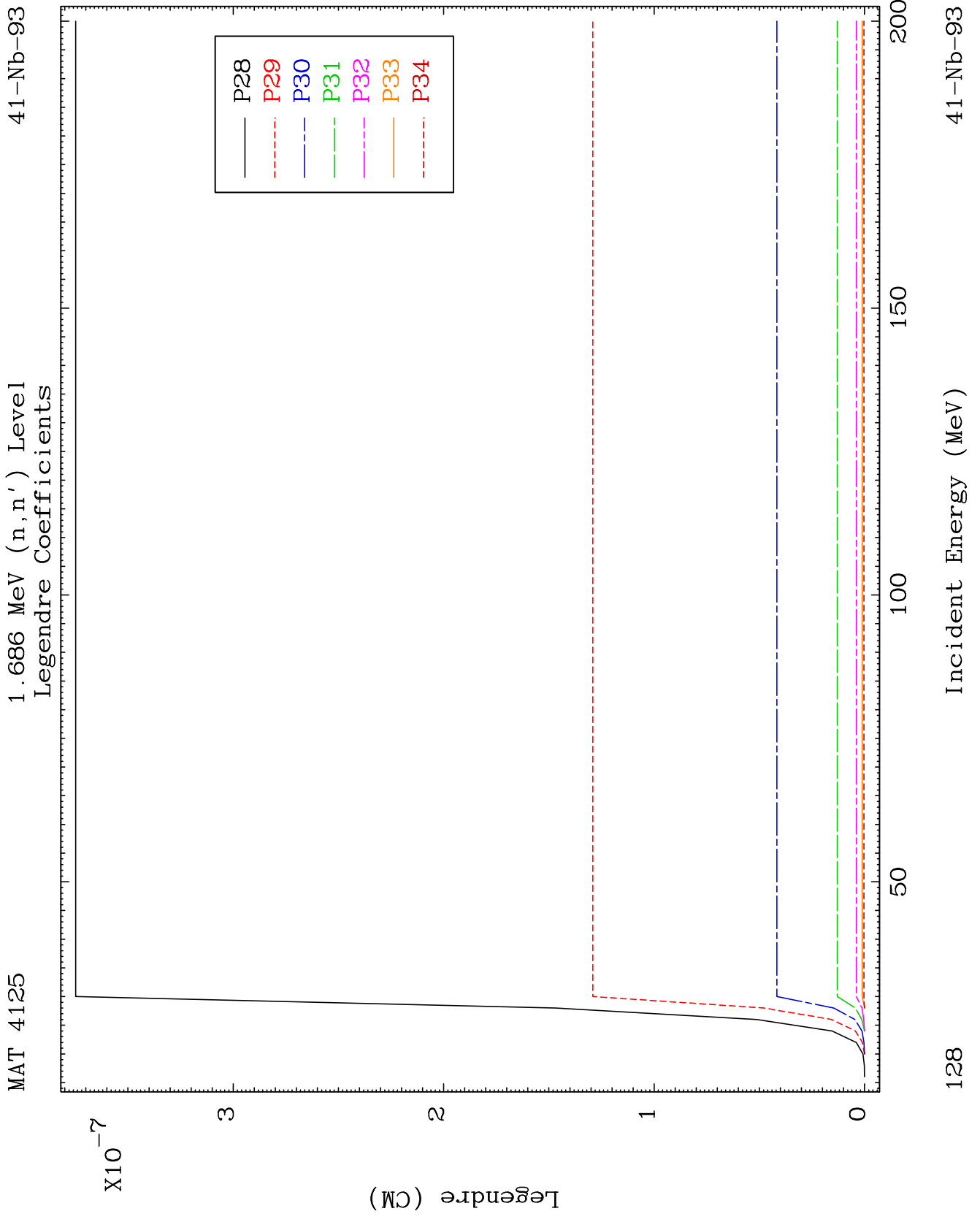


126

Incident Energy (MeV)

41-Nb-93

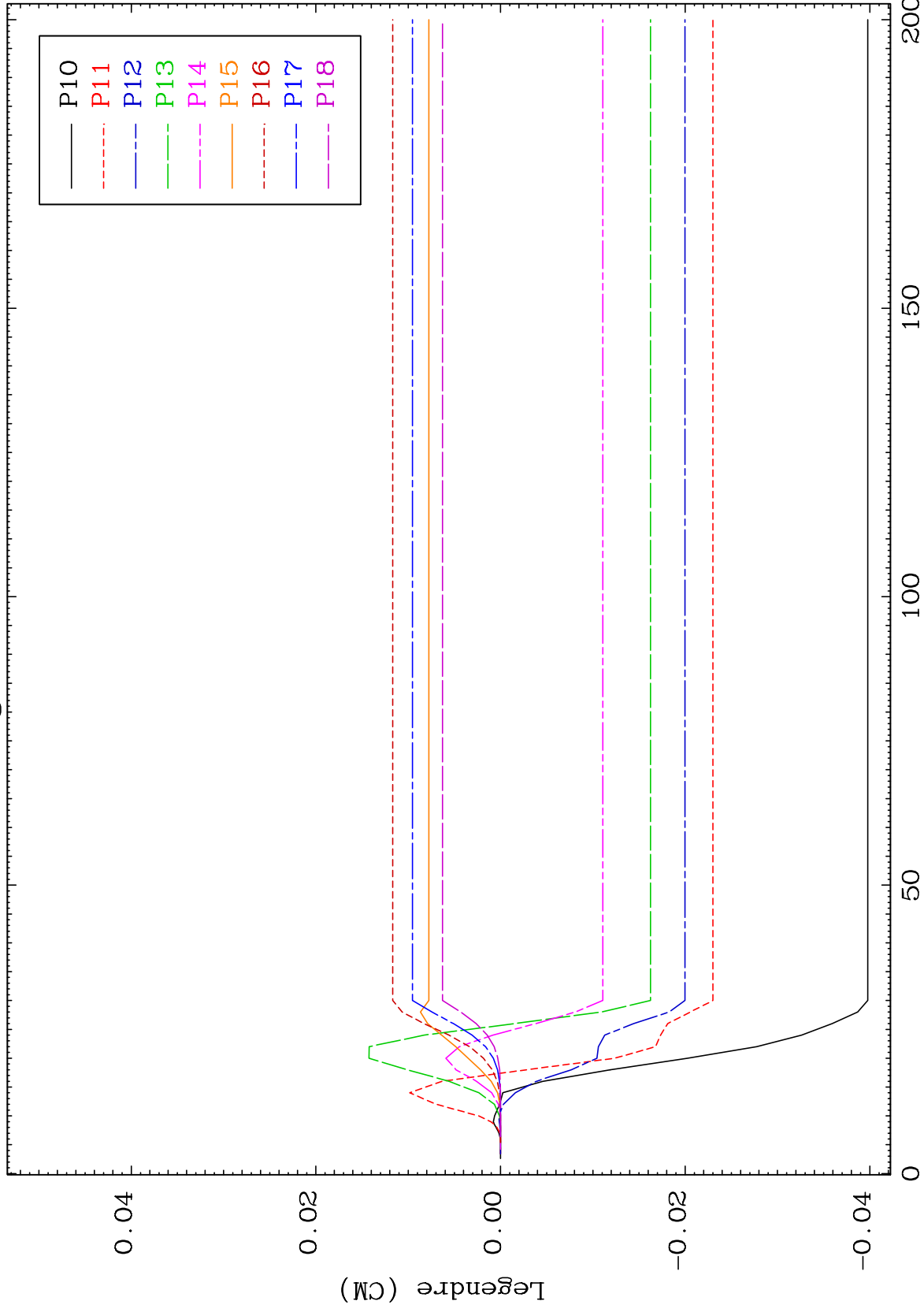




MAT 4125

1.694 MeV (n,n') Level
Legendre Coefficients

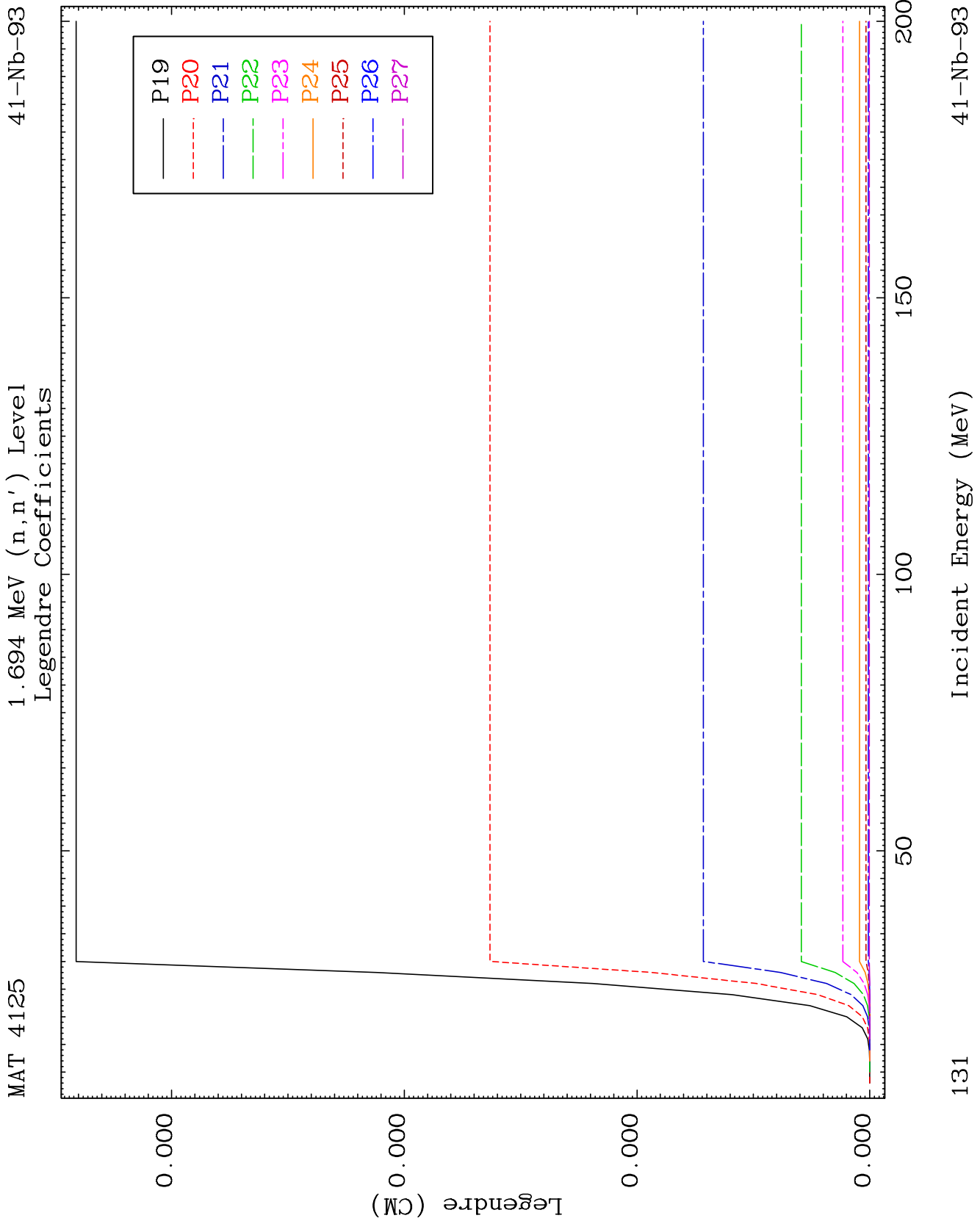
41-Nb-93



130

Incident Energy (MeV)

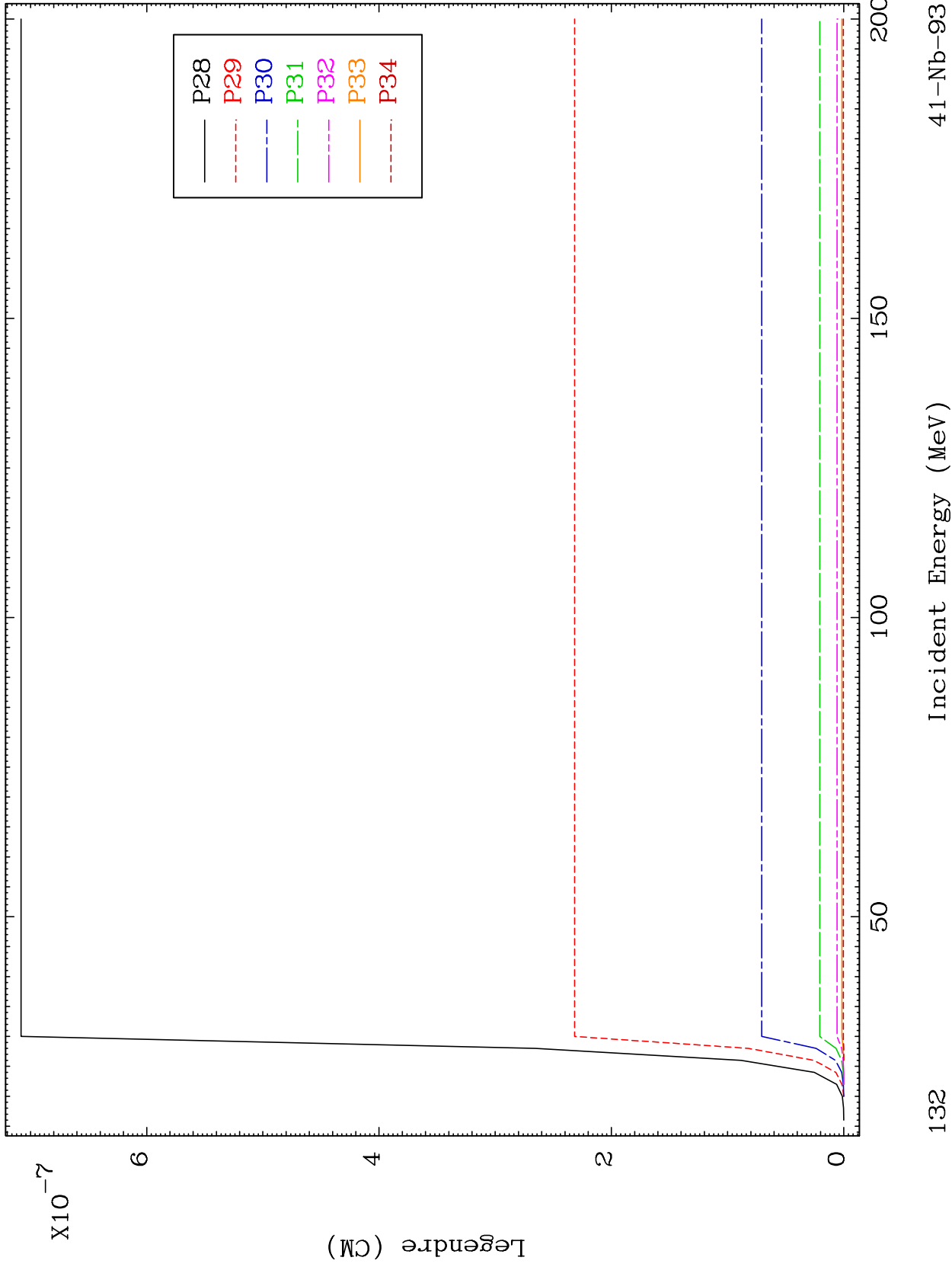
41-Nb-93



MAT 4125

1.694 MeV (n,n') Level
Legendre Coefficients

41-Nb-93

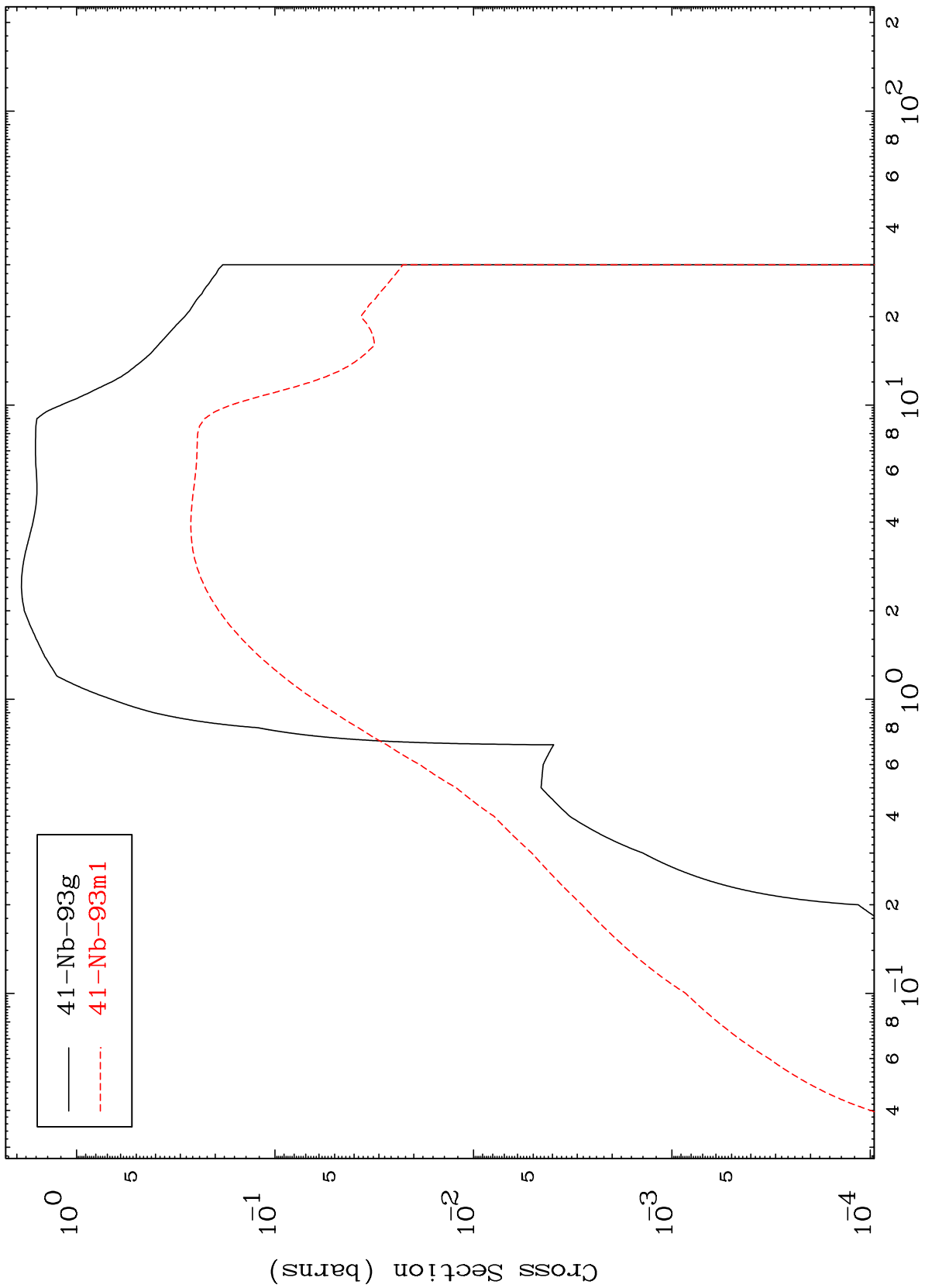


132

MAT 4125

41-Nb-93

Inelastic
Radionuclide Production Cross Section



133

41-Nb-93

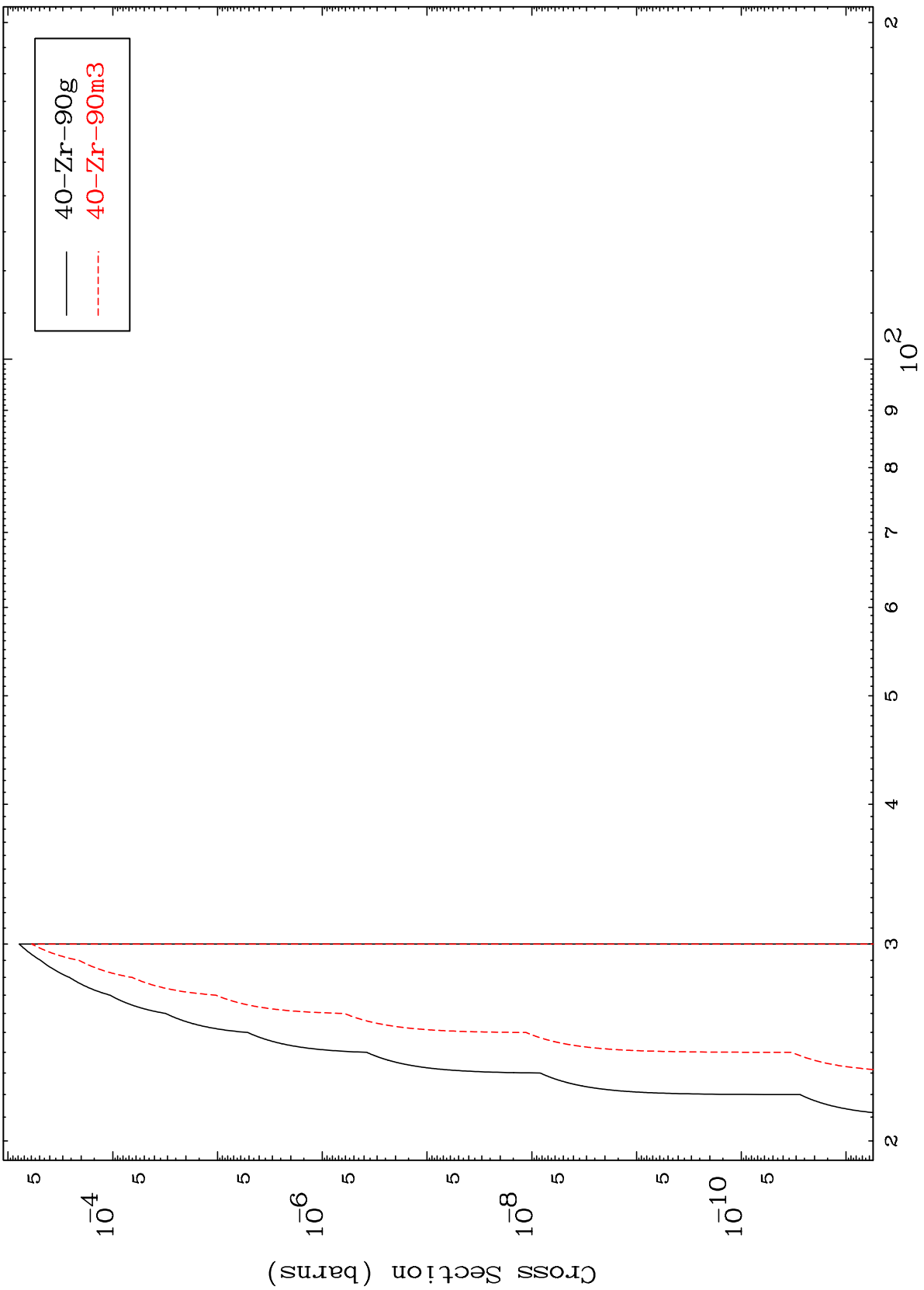
Incident Energy (MeV)

MAT 4125

(n,2n) d

41-Nb-93

Radionuclide Production Cross Section



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

134

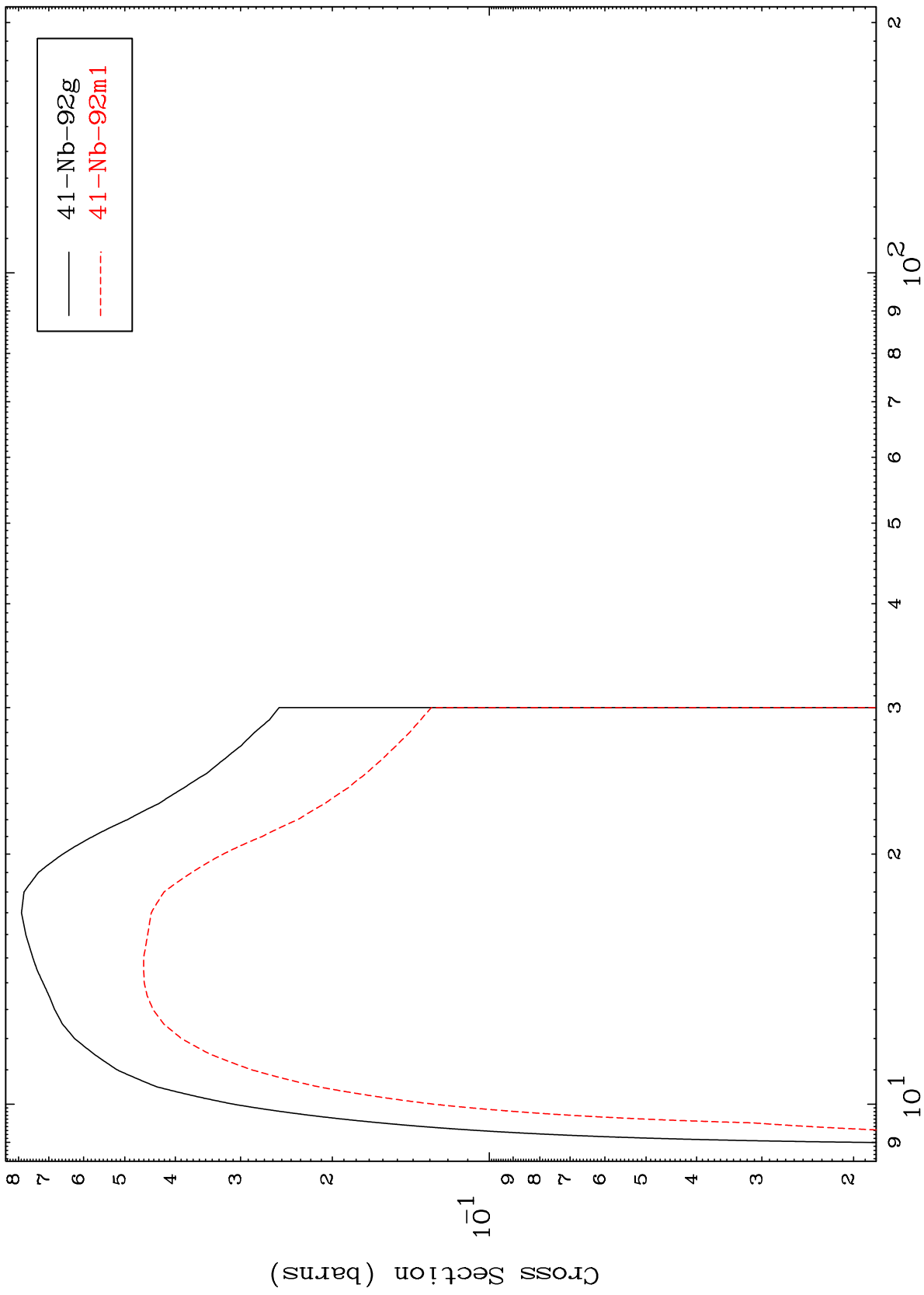
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

(n,2n)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

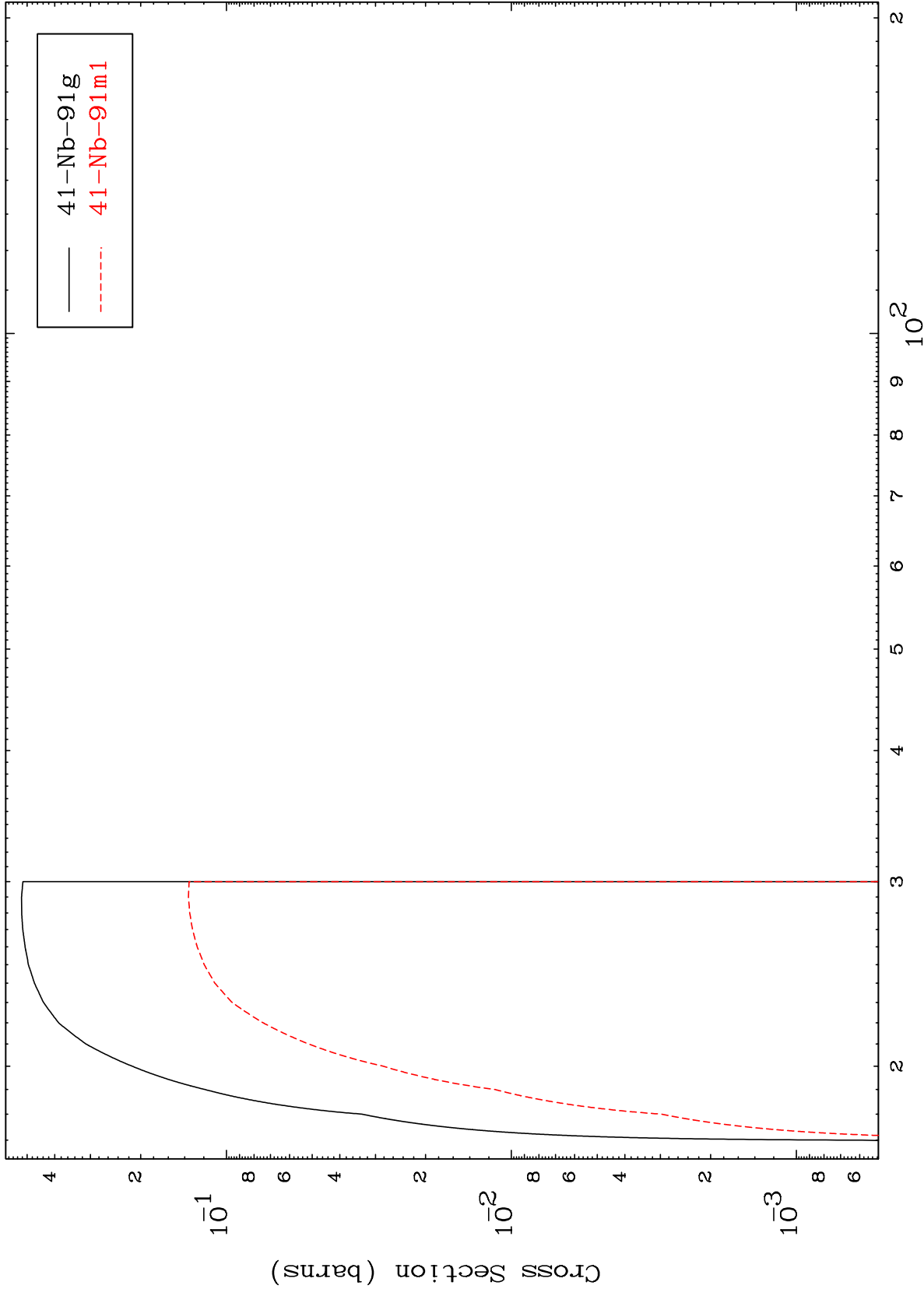
41-Nb-93

MAT 4125

(n,3n)

41-Nb-93

Radionuclide Production Cross Section



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

136

Incident Energy (MeV)

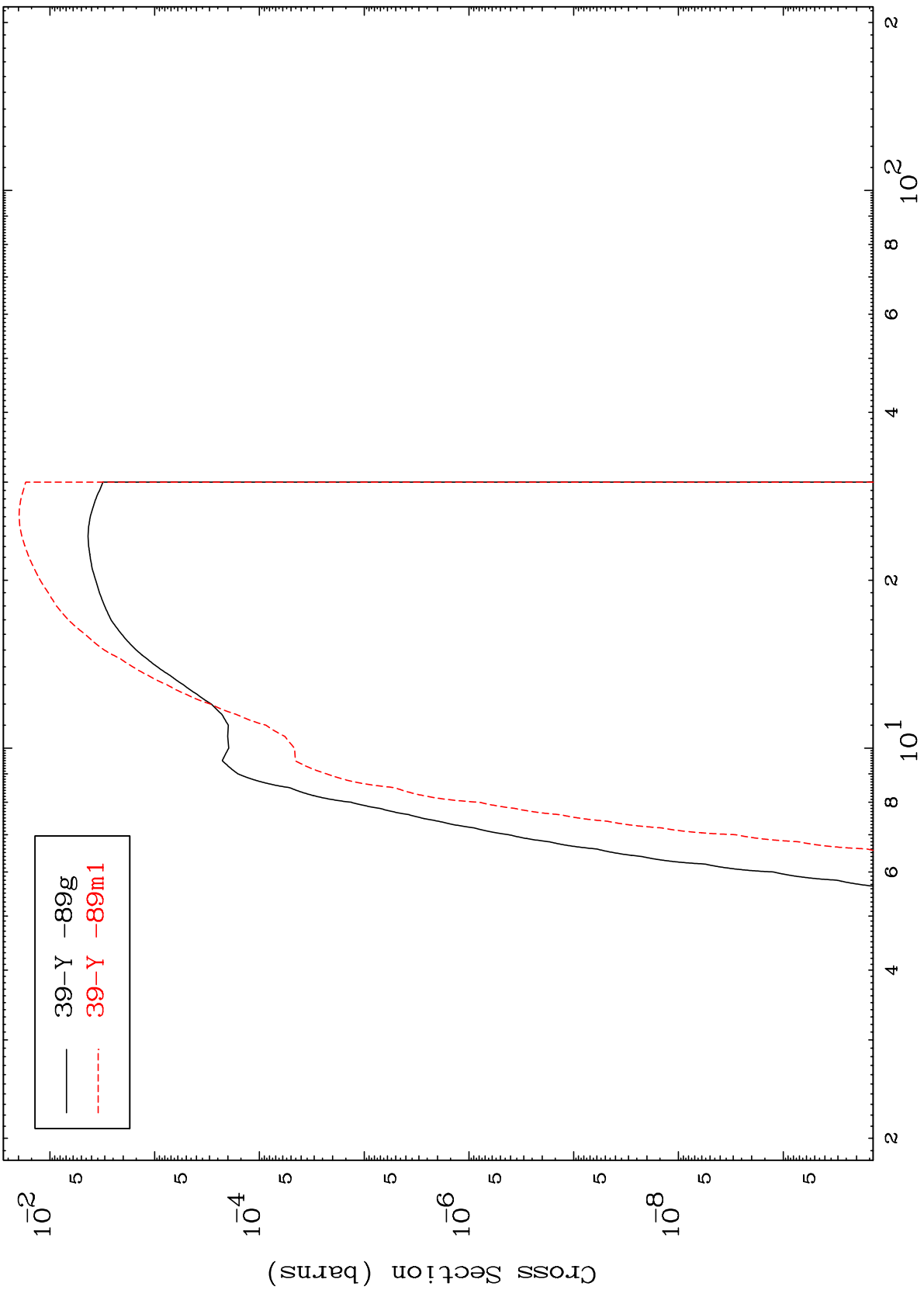
41-Nb-93

MAT 4125

(n,n') α

41-Nb-93

Radionuclide Production Cross Section

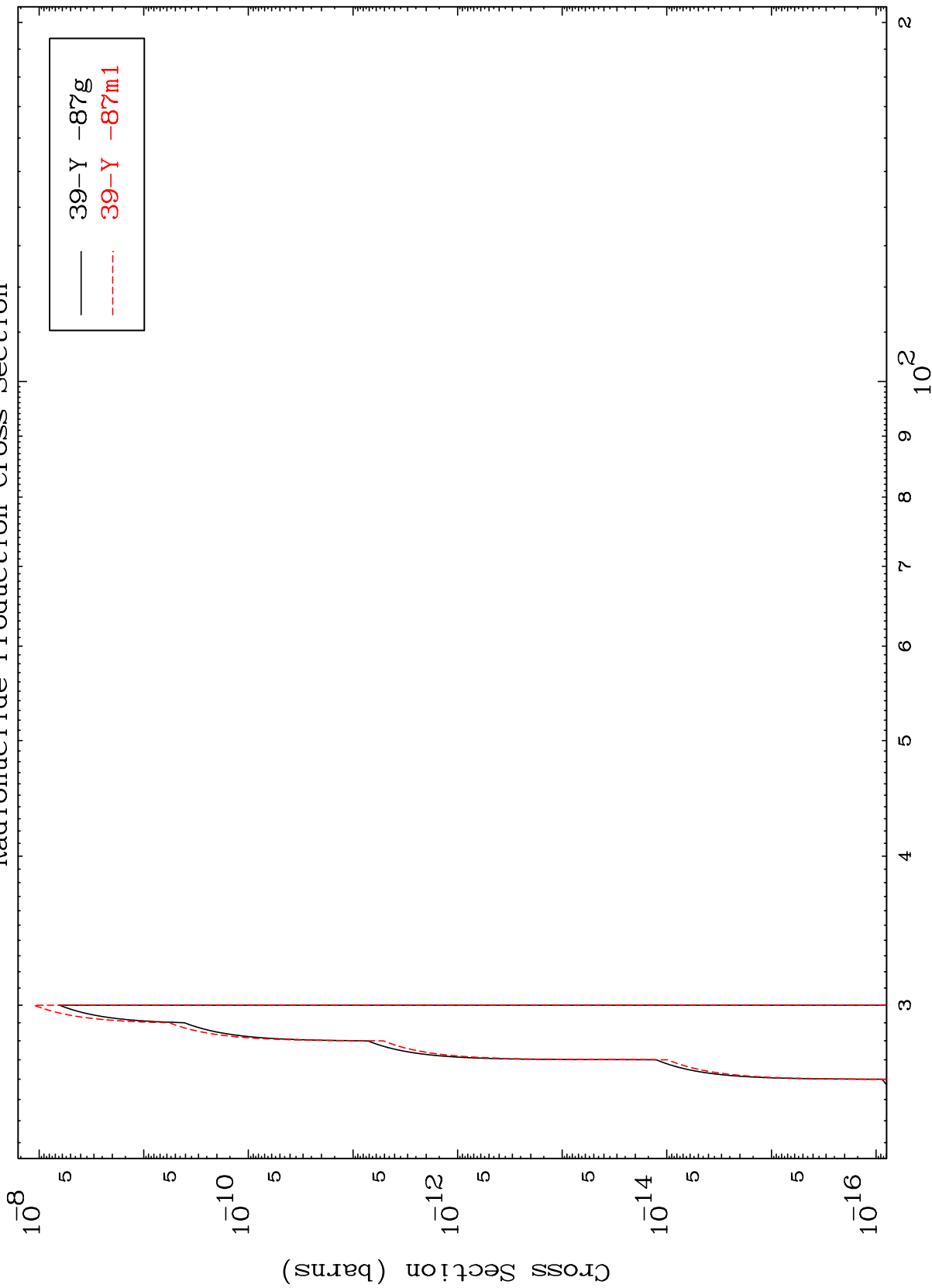


137

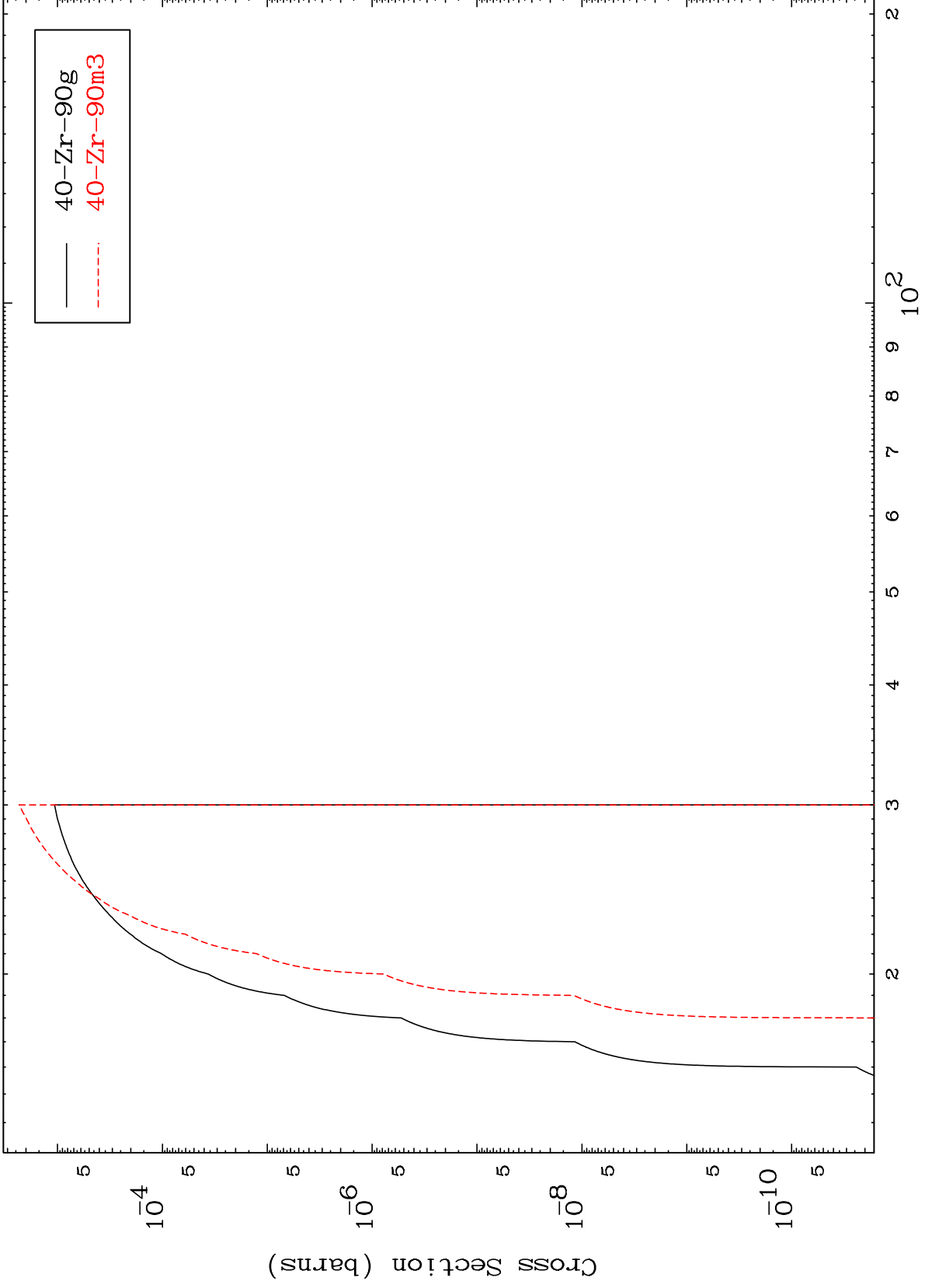
Incident Energy (MeV)

41-Nb-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

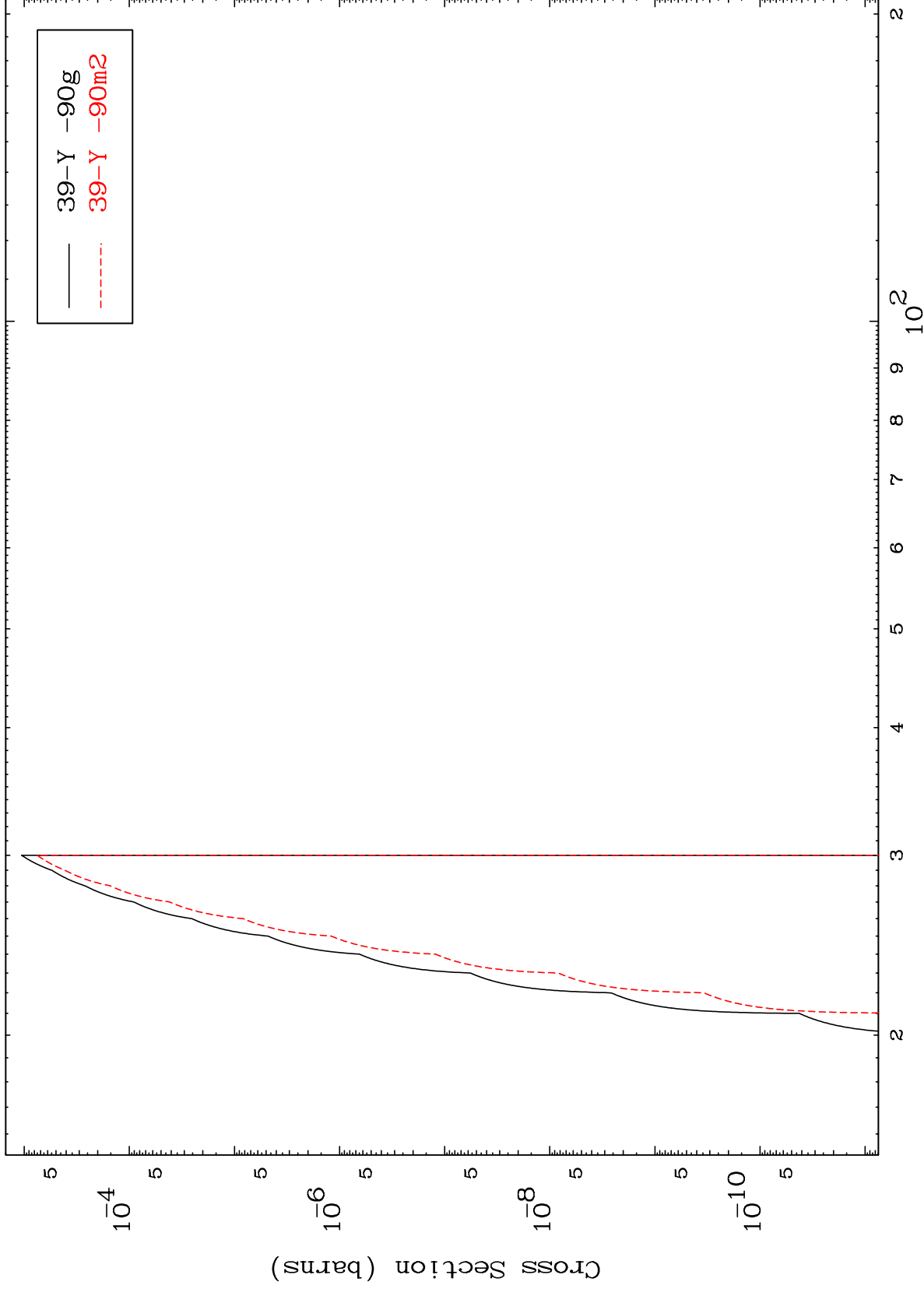


MAT 4125

(n,n') He-3

41-Nb-93

Radionuclide Production Cross Section



140

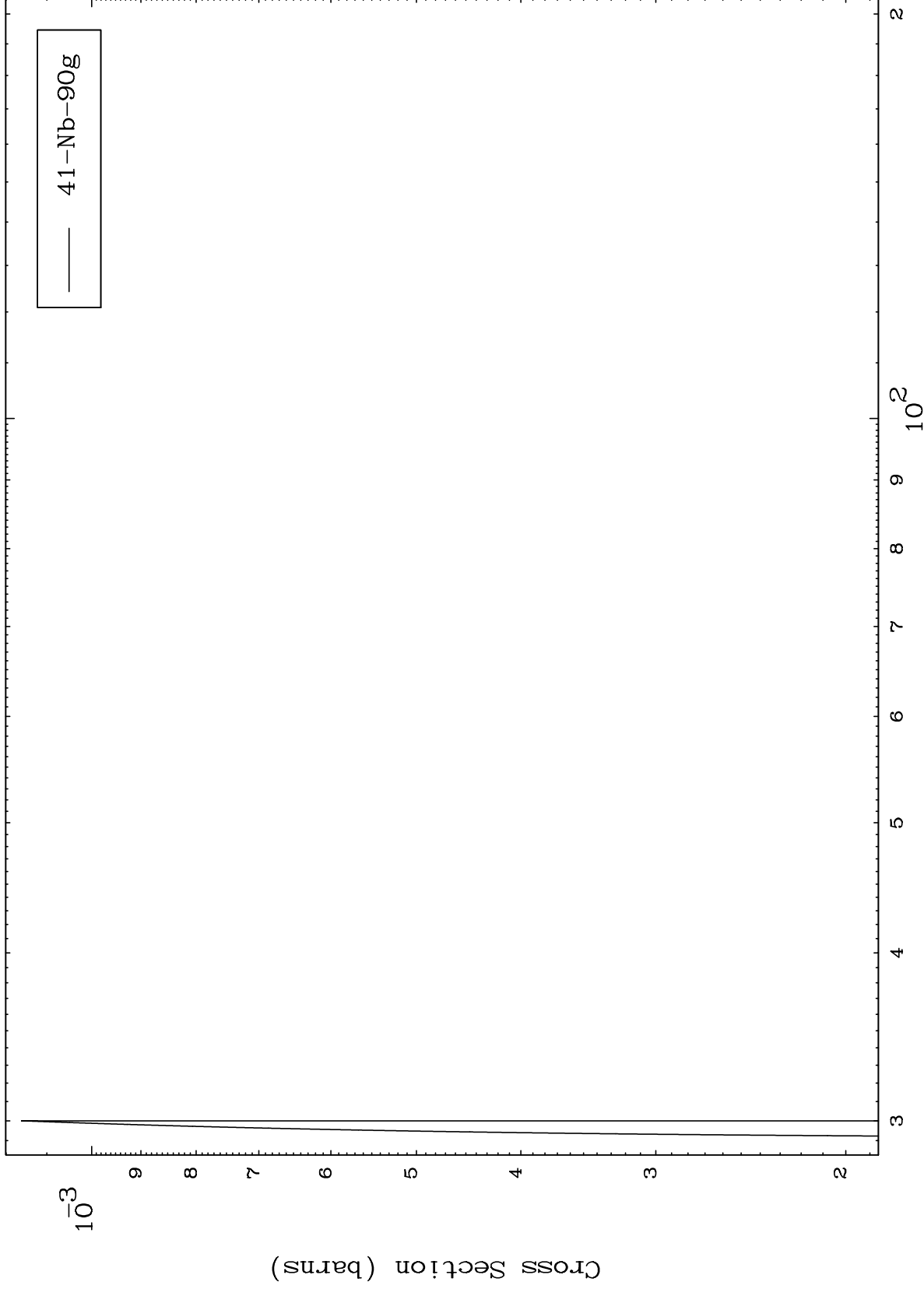
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

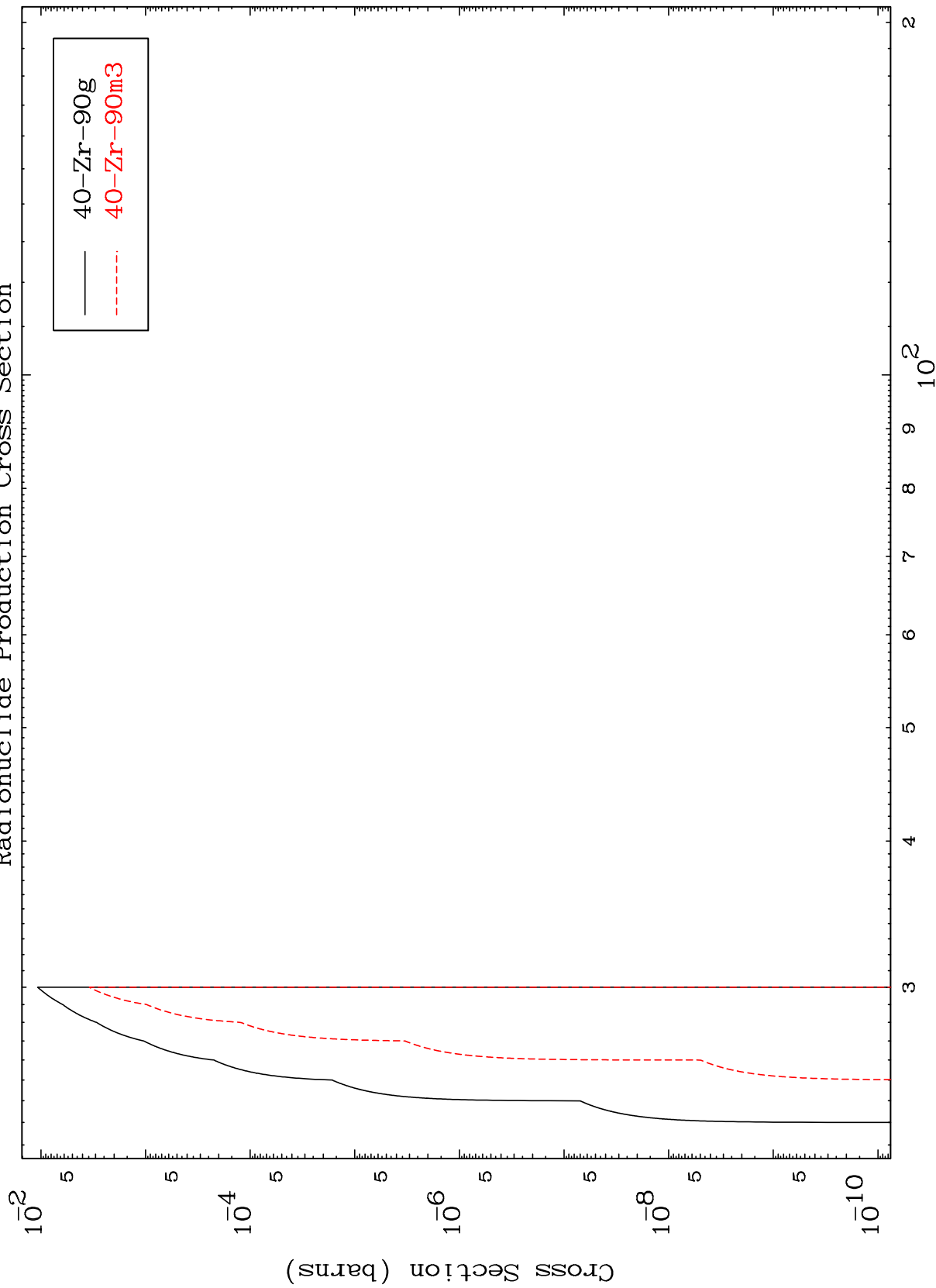
(n,4n)
Radionuclide Production Cross Section

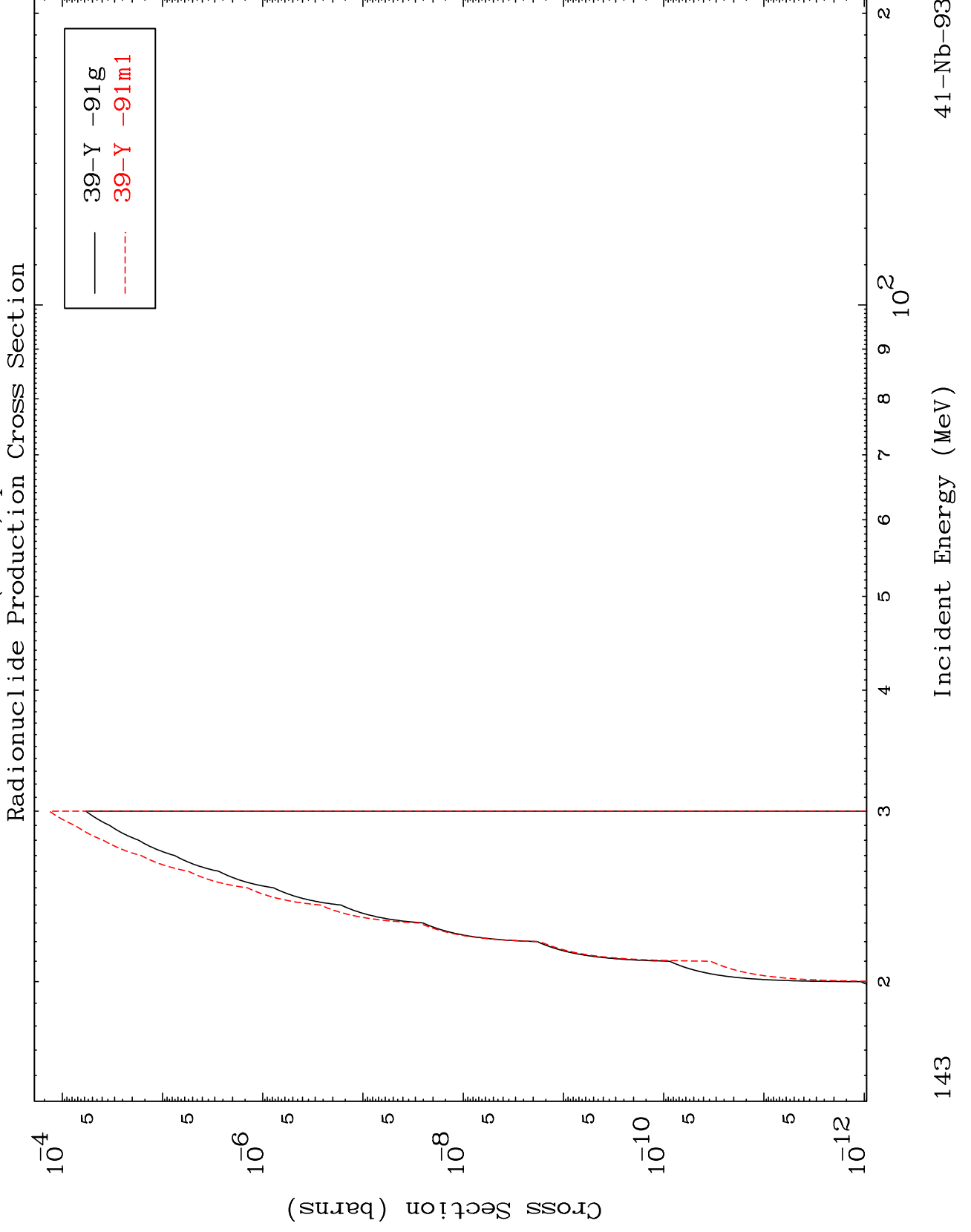


141

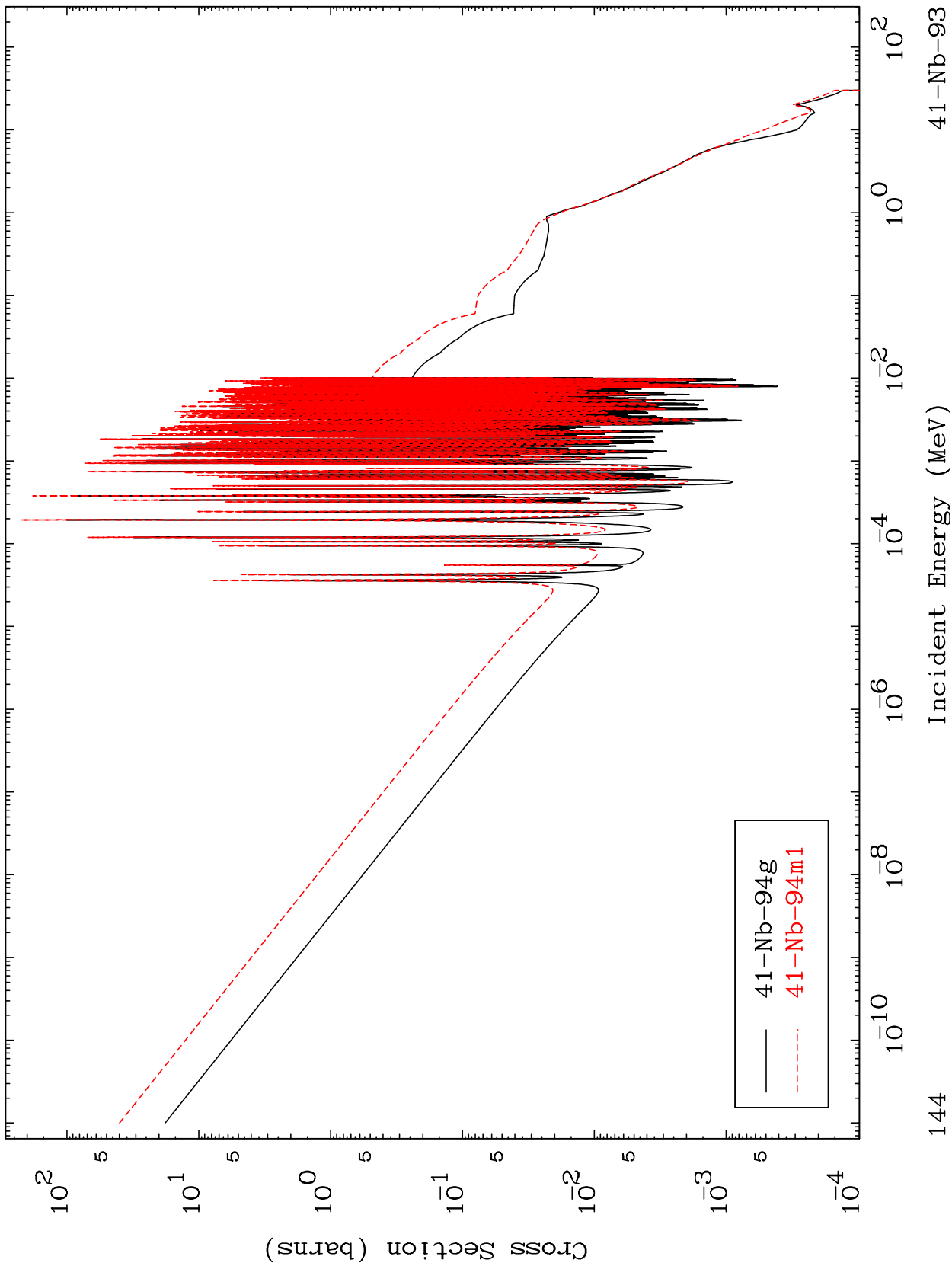
41-Nb-93

Radionuclide Production Cross Section





(n, γ)
Radionuclide Production Cross Section

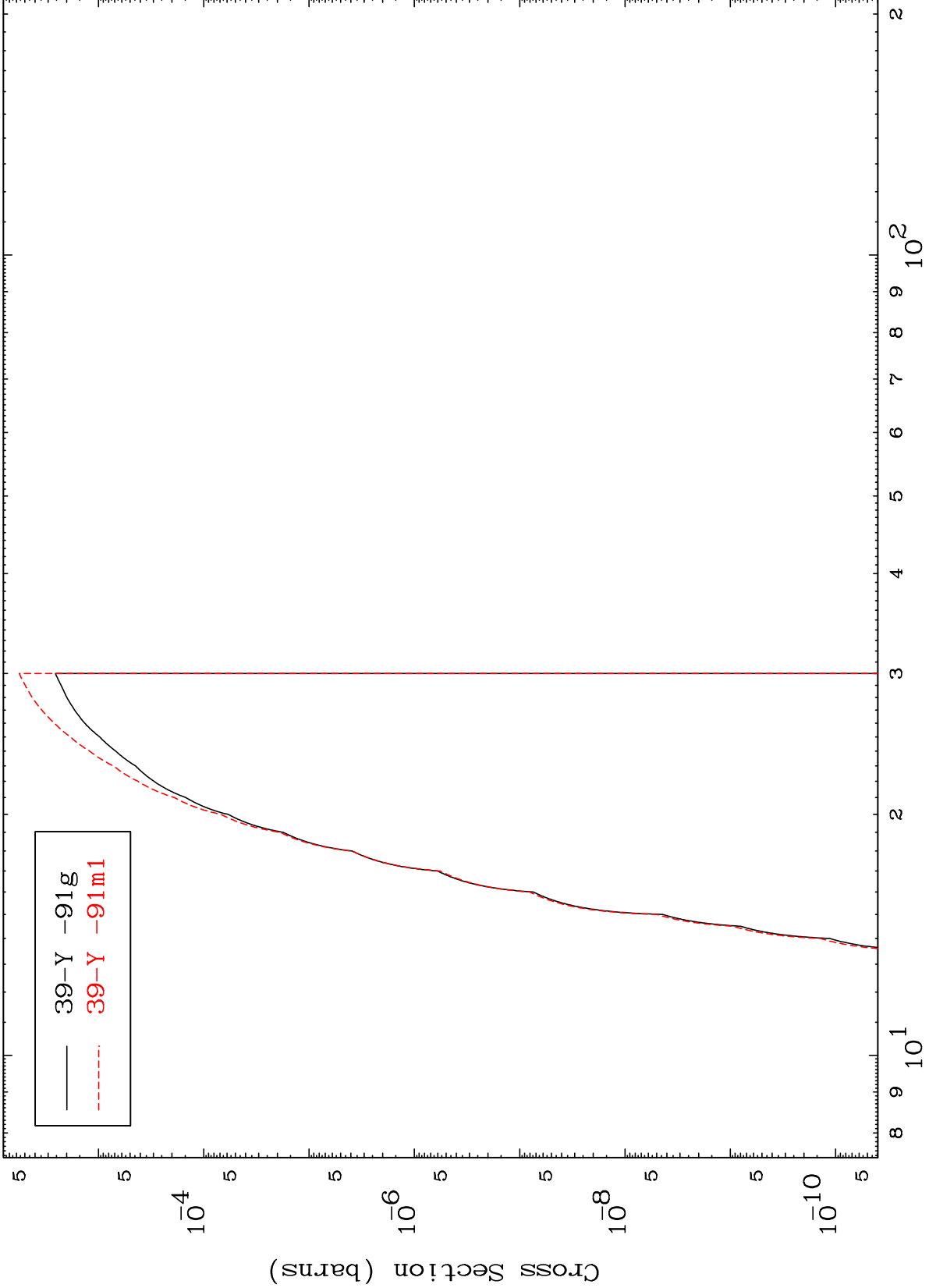


MAT 4125

(n,He-3)

41-Nb-93

Radionuclide Production Cross Section



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

145

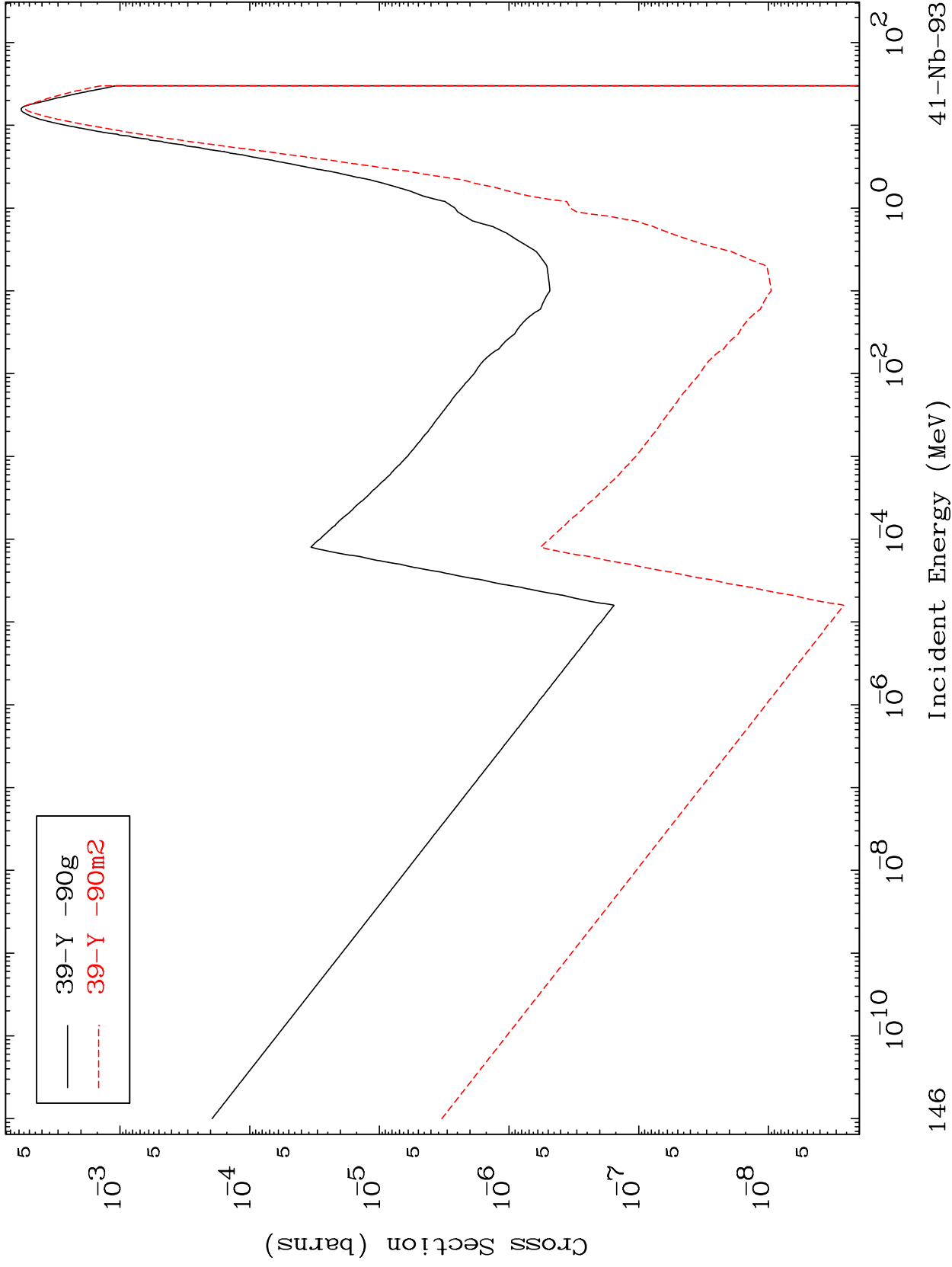
Incident Energy (MeV)

41-Nb-93

MAT 4125

41-Nb-93

Radionuclide Production Cross Section
(n, α)



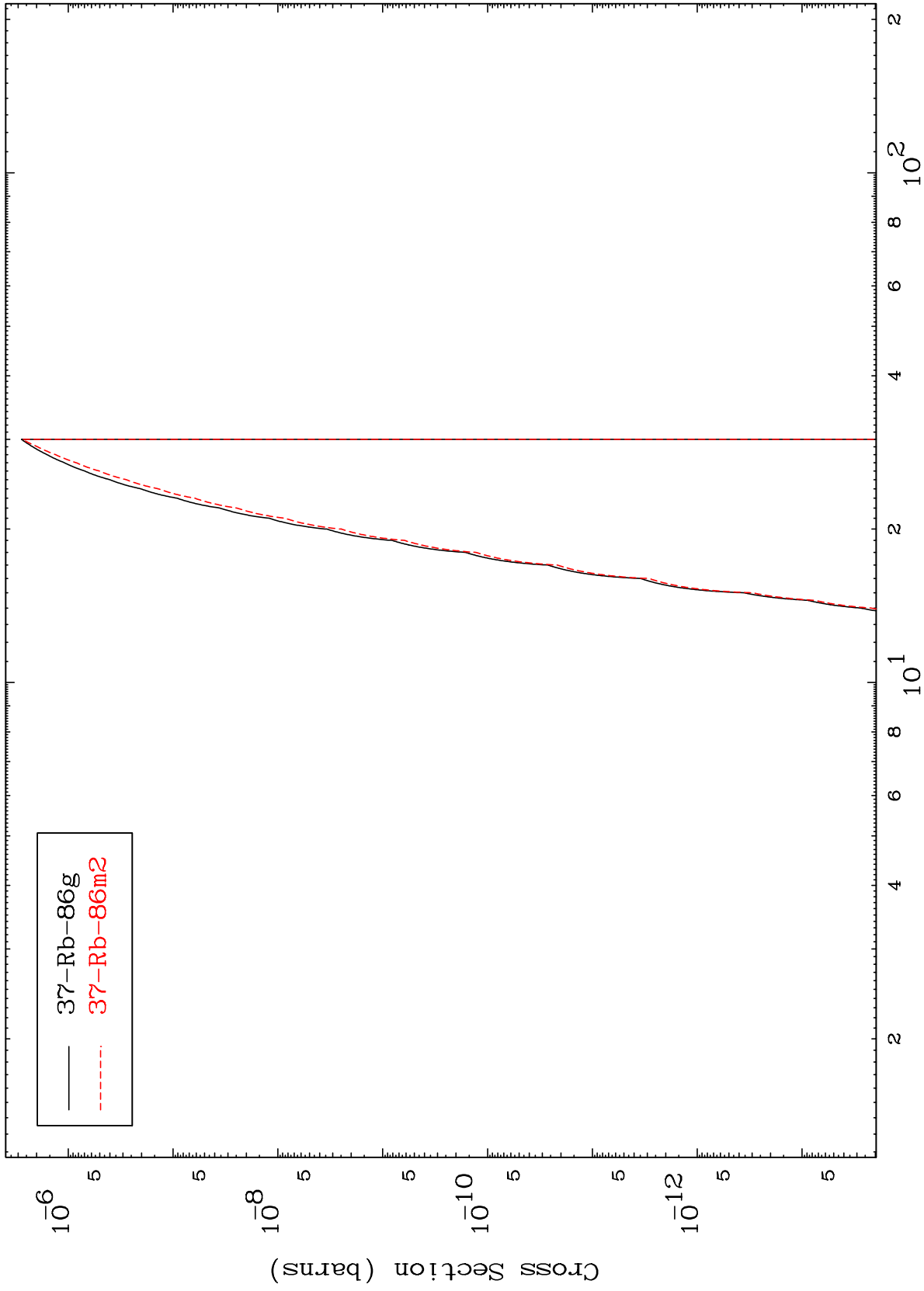
146

41-Nb-93

MAT 4125

41-Nb-93

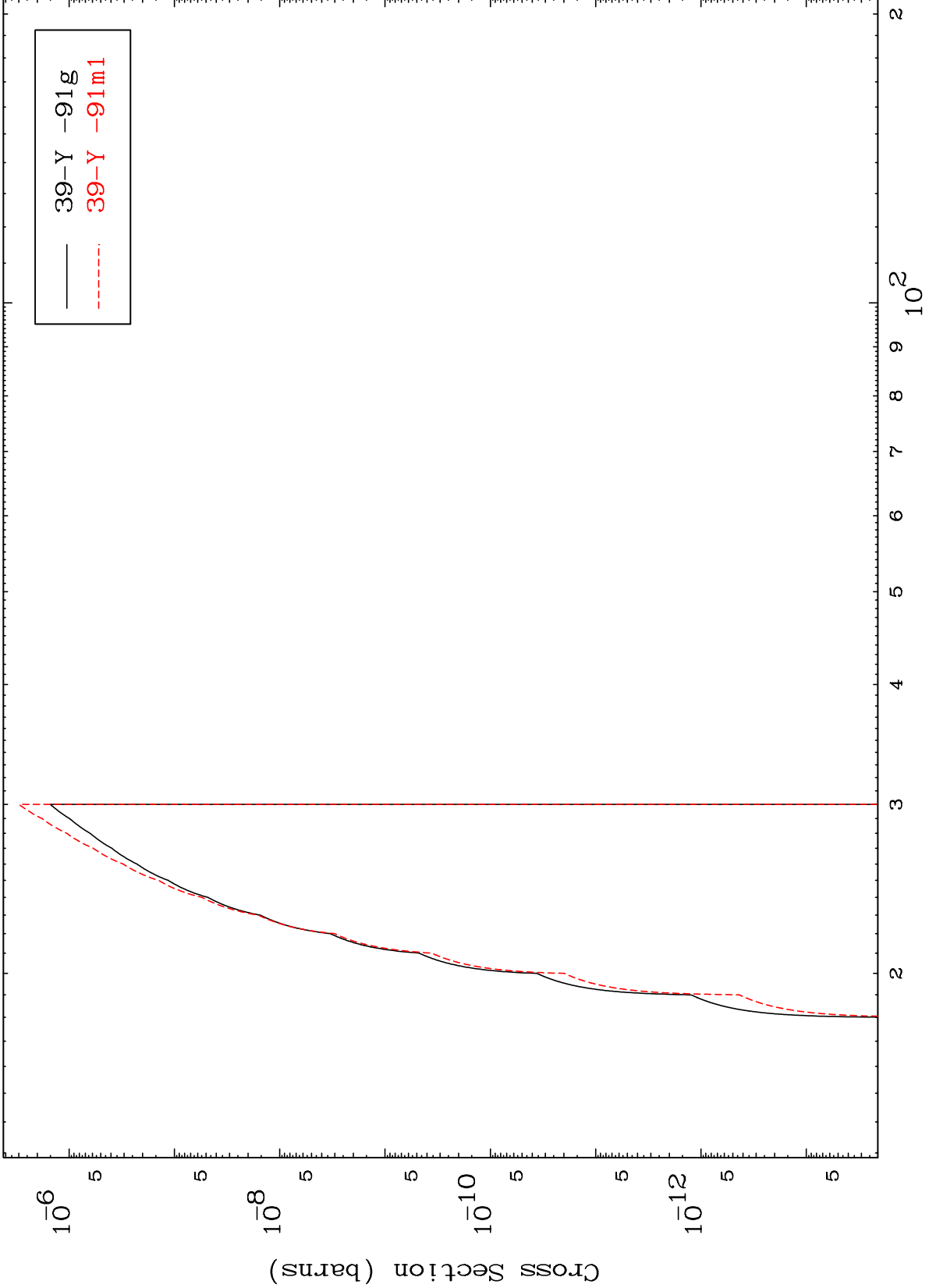
(n,2α)
Radionuclide Production Cross Section



147

41-Nb-93

Radionuclide Production Cross Section



Radionuclide Production Cross Section

