

Program EVALPLOT
(Version 2021-1)

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

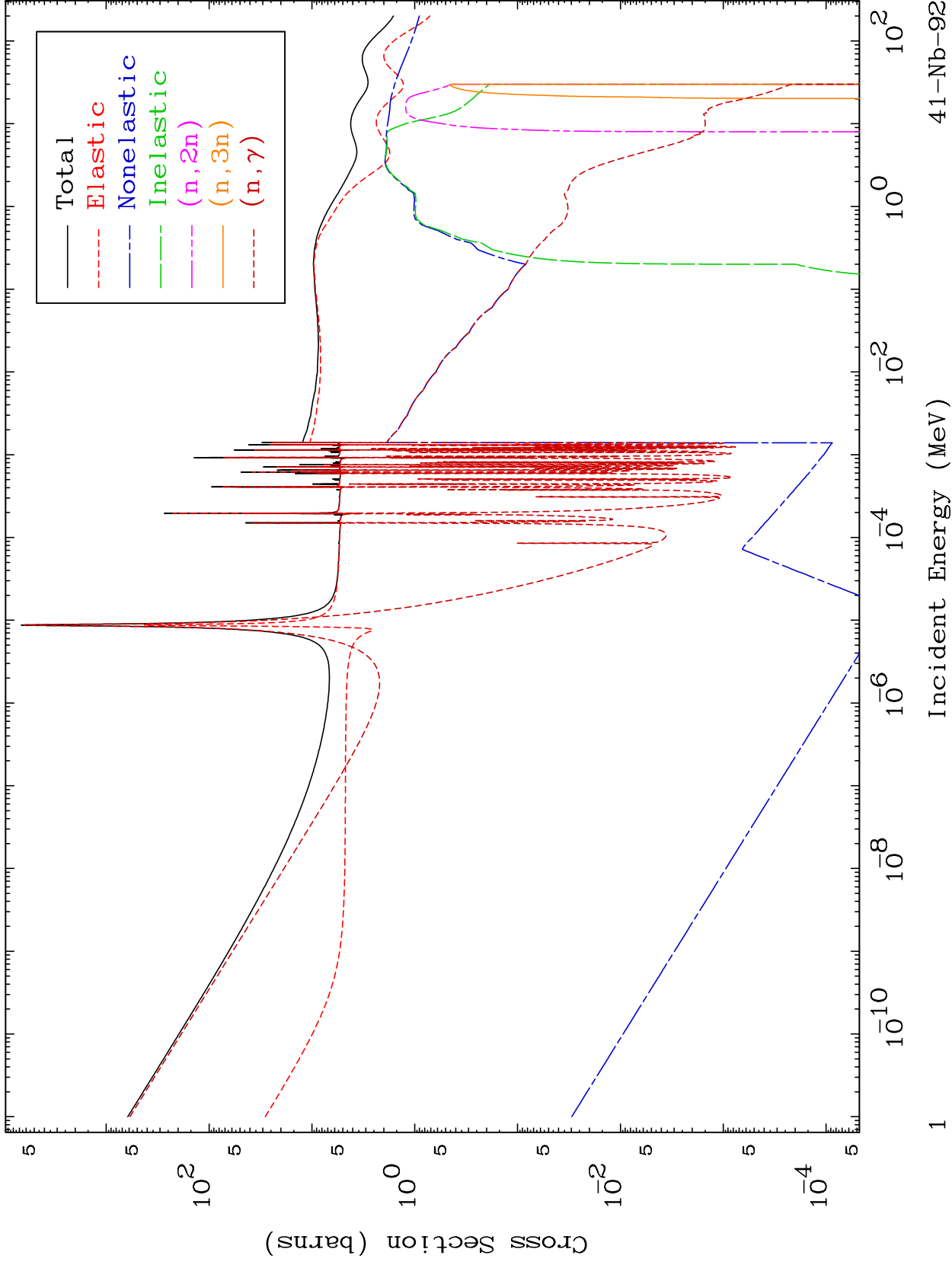
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Press Mouse Button to Start

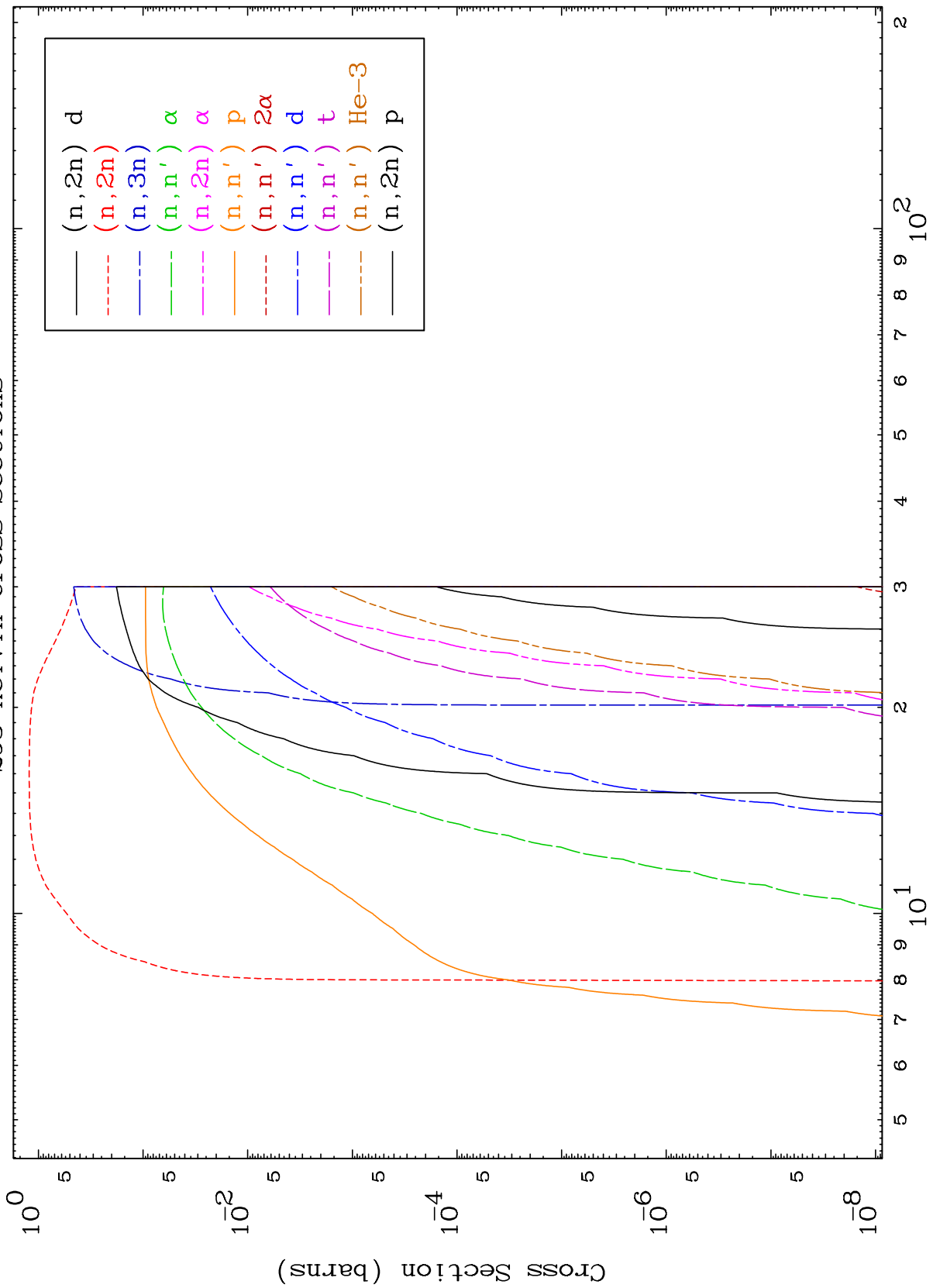
MAT 4122

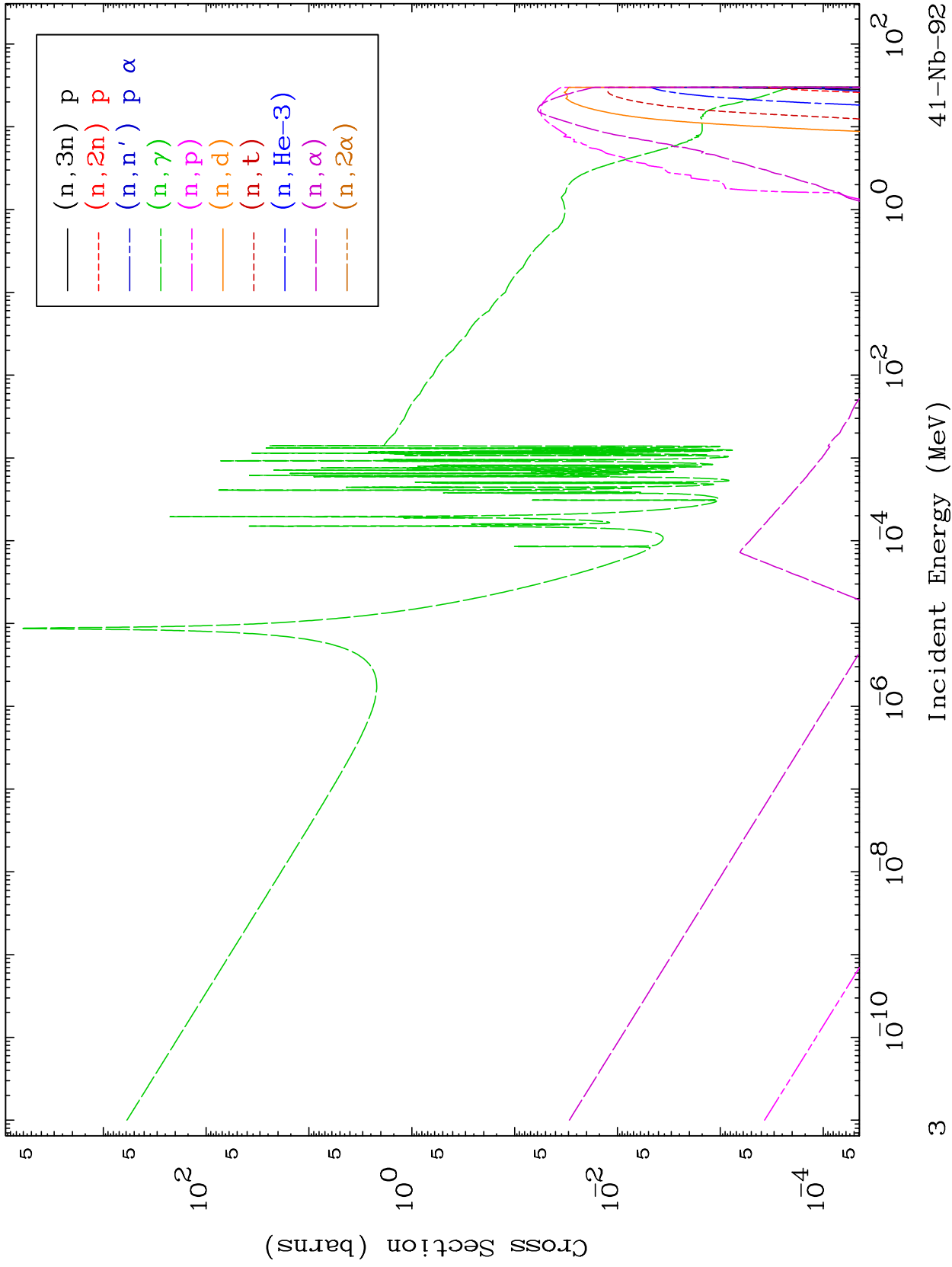
Neutron Major
293 Kelvin Cross Sections

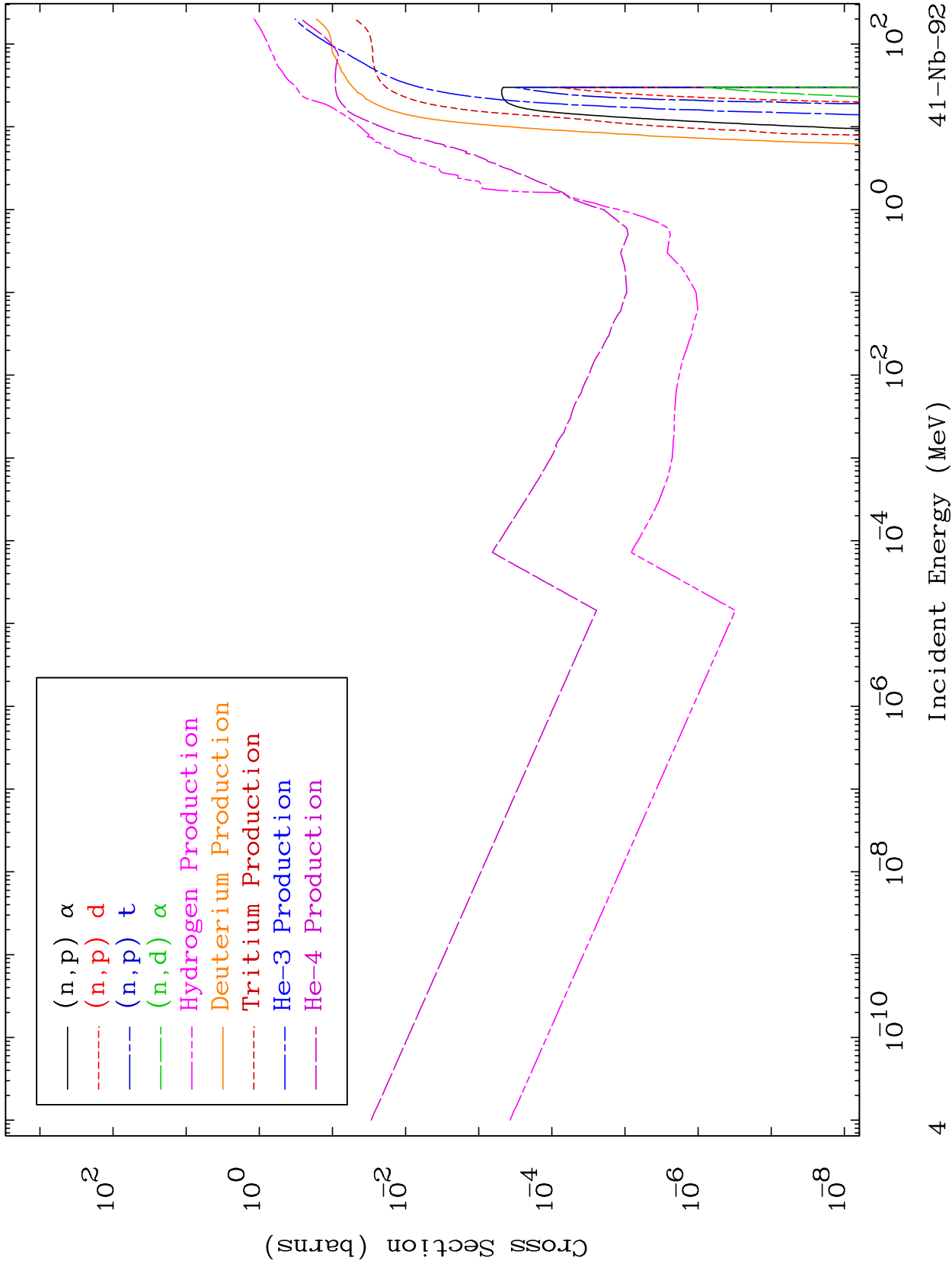
41-Nb-92

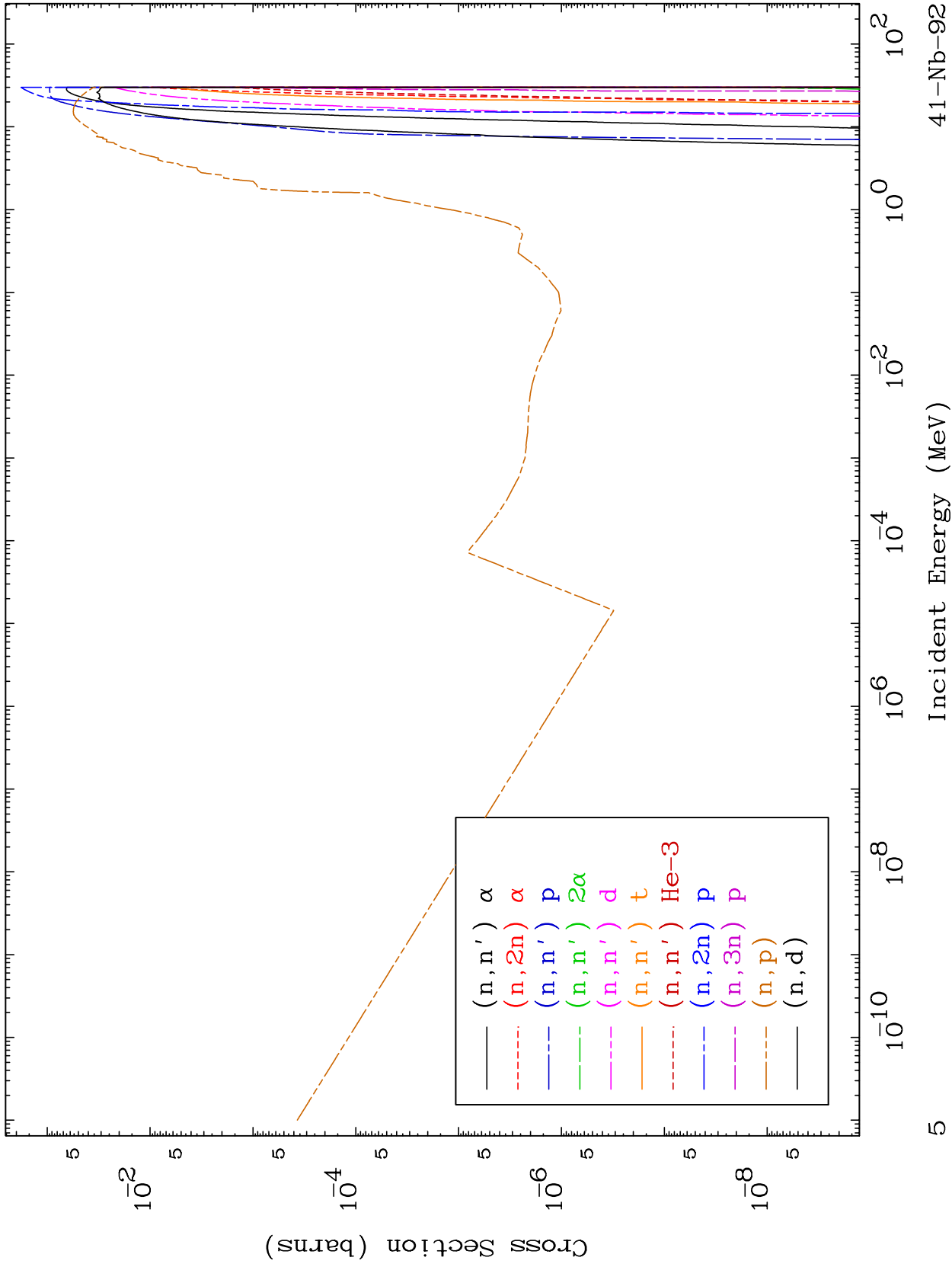


Neutron Absorption
293 Kelvin Cross Sections





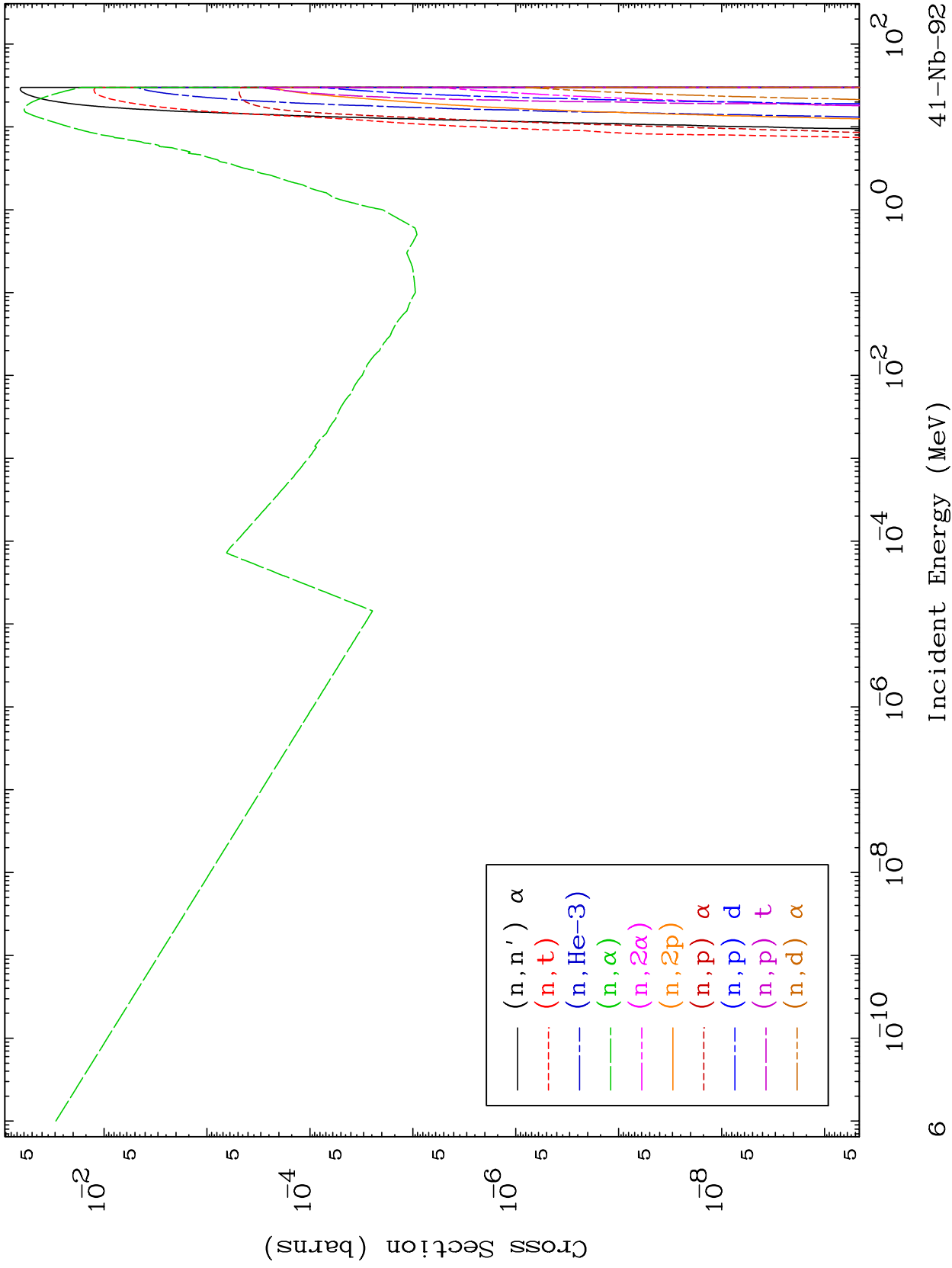




MAT 4122

Charged Particle
293 Kelvin Cross Sections

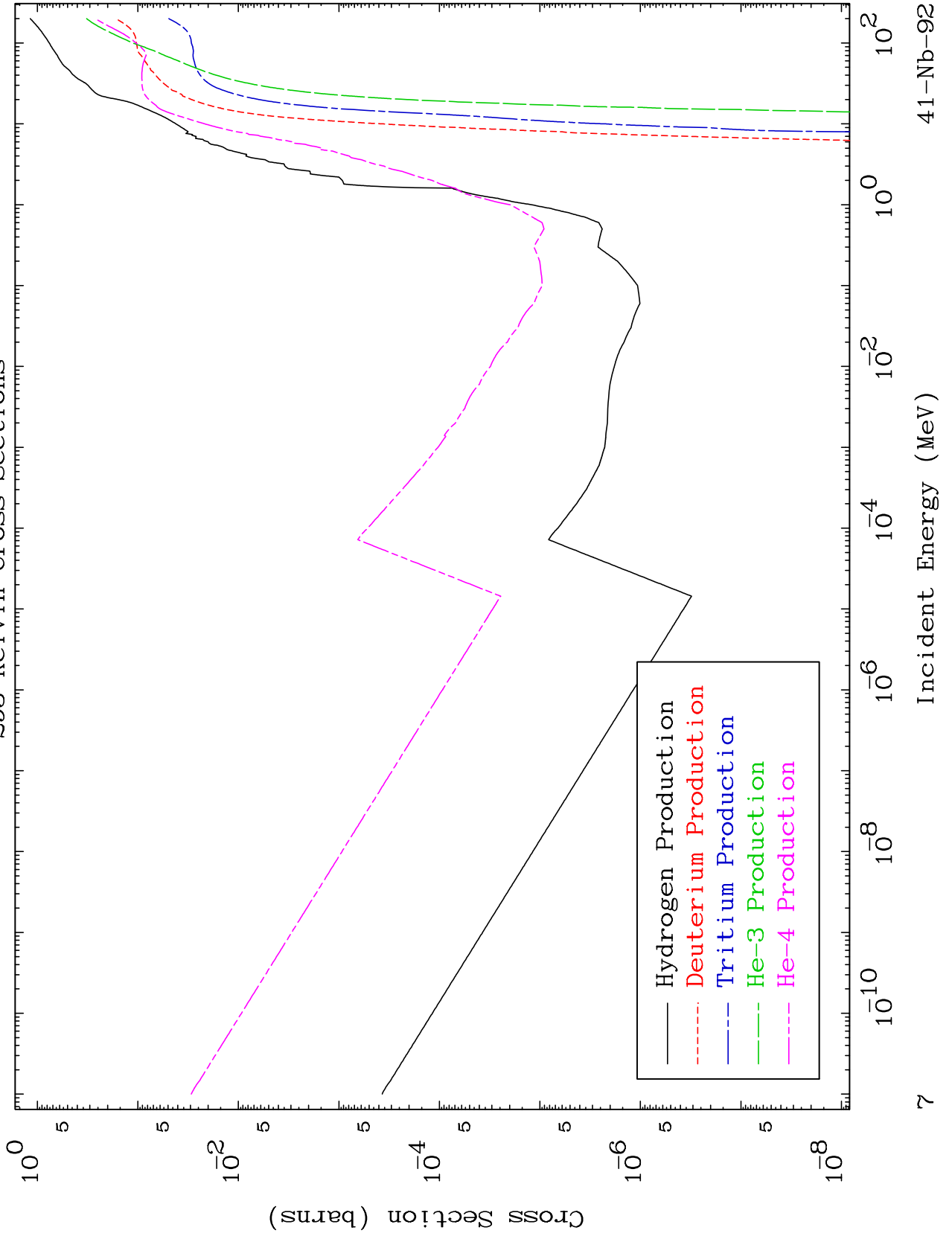
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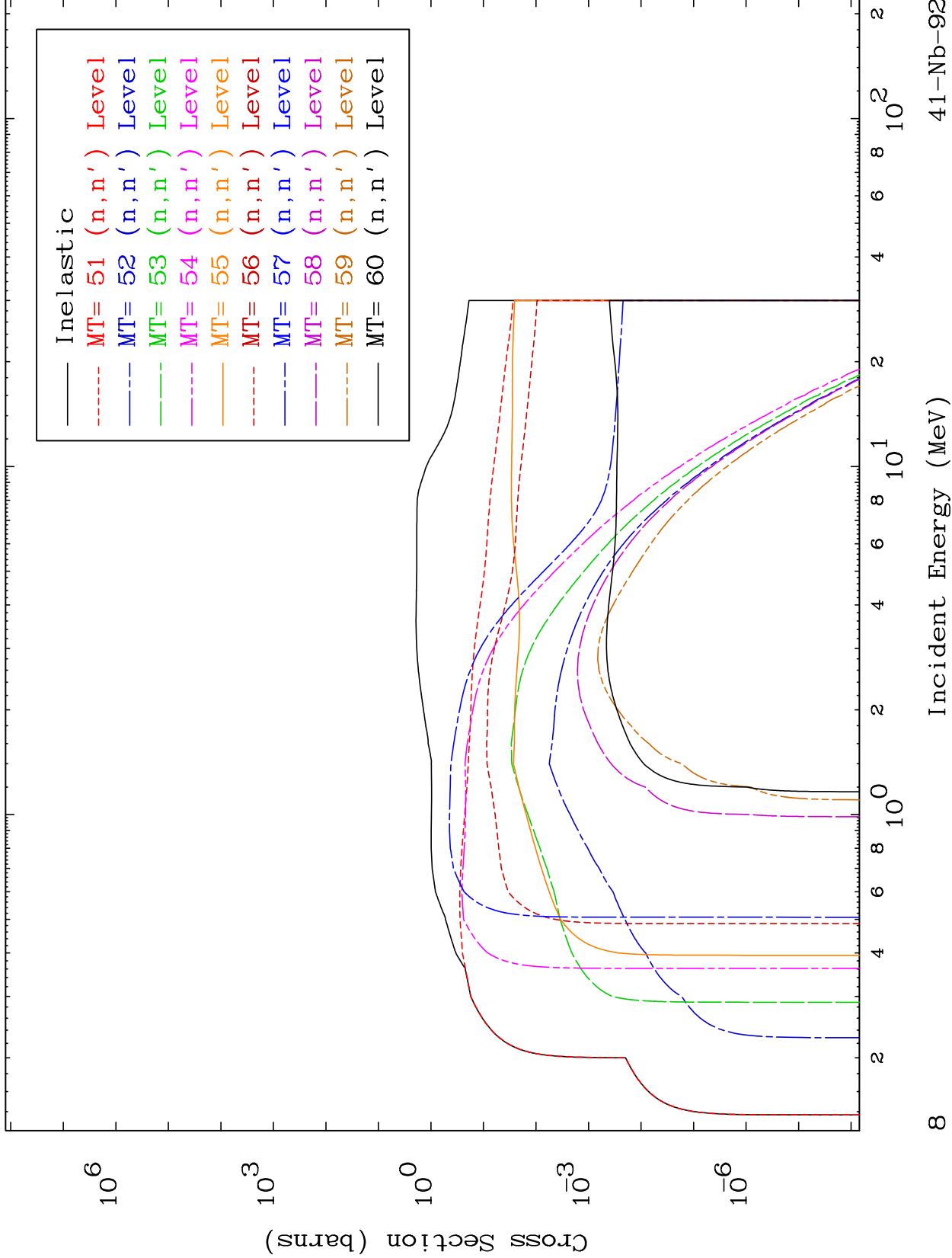


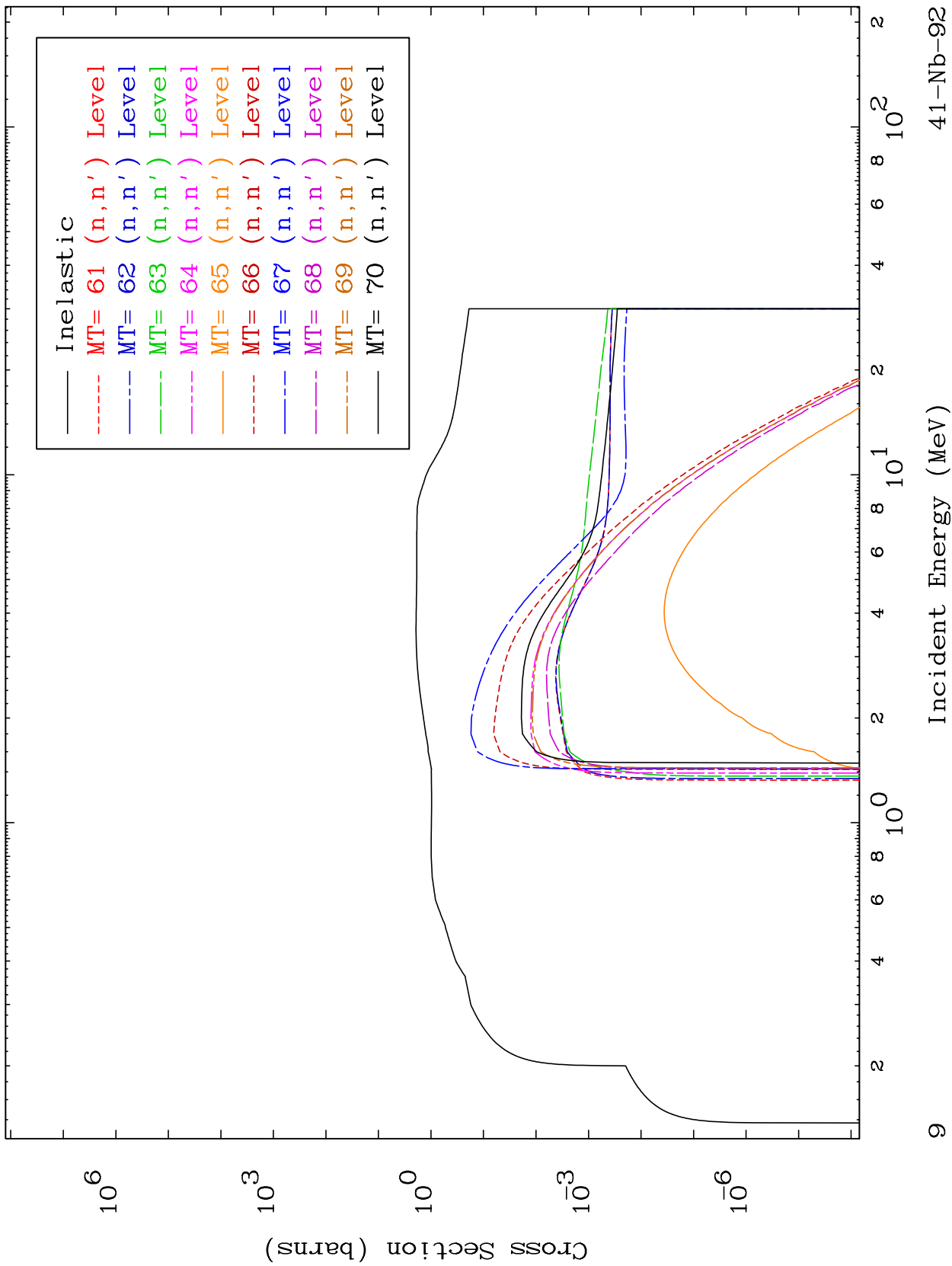
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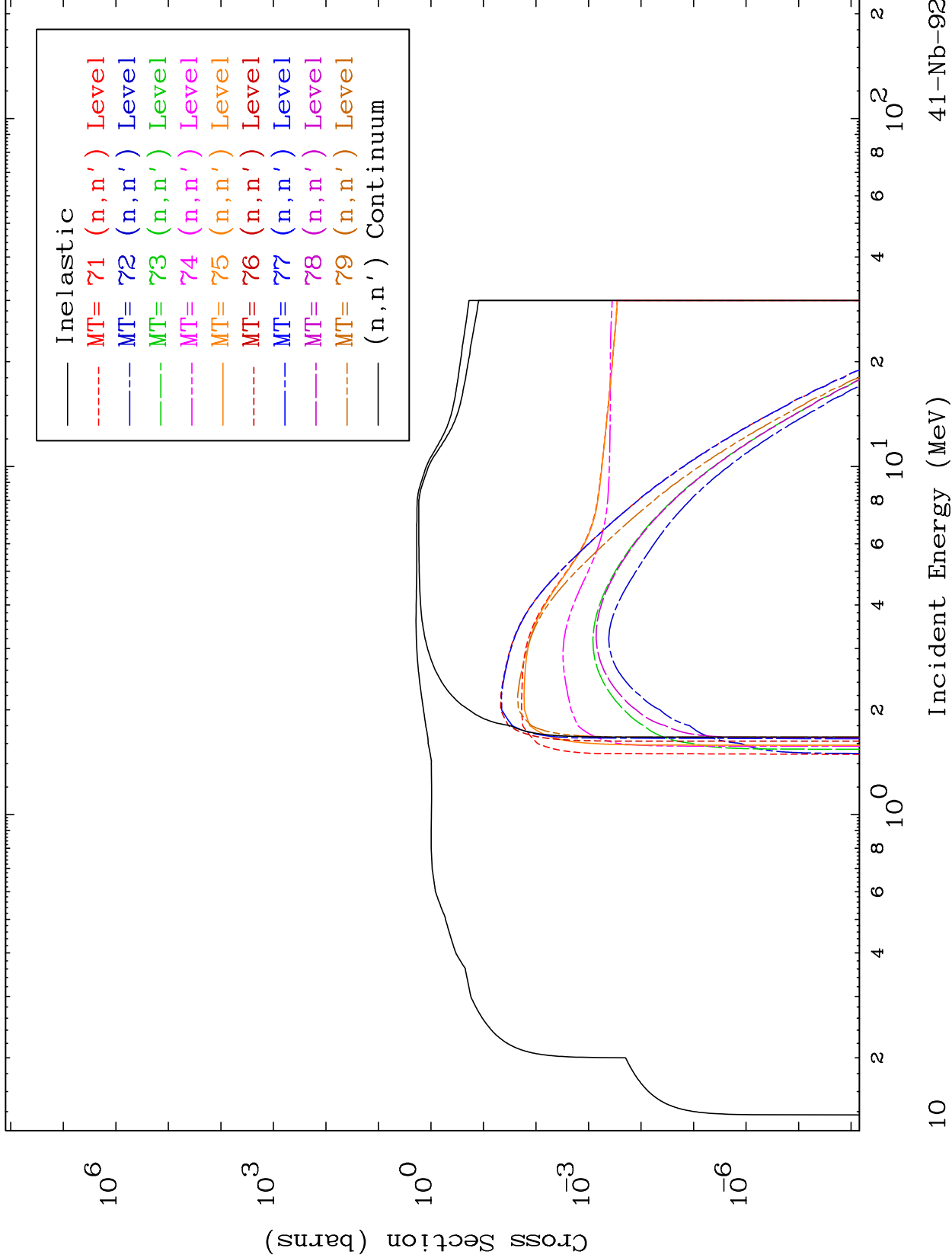
Particle Production
293 Kelvin Cross Sections

41-Nb-92





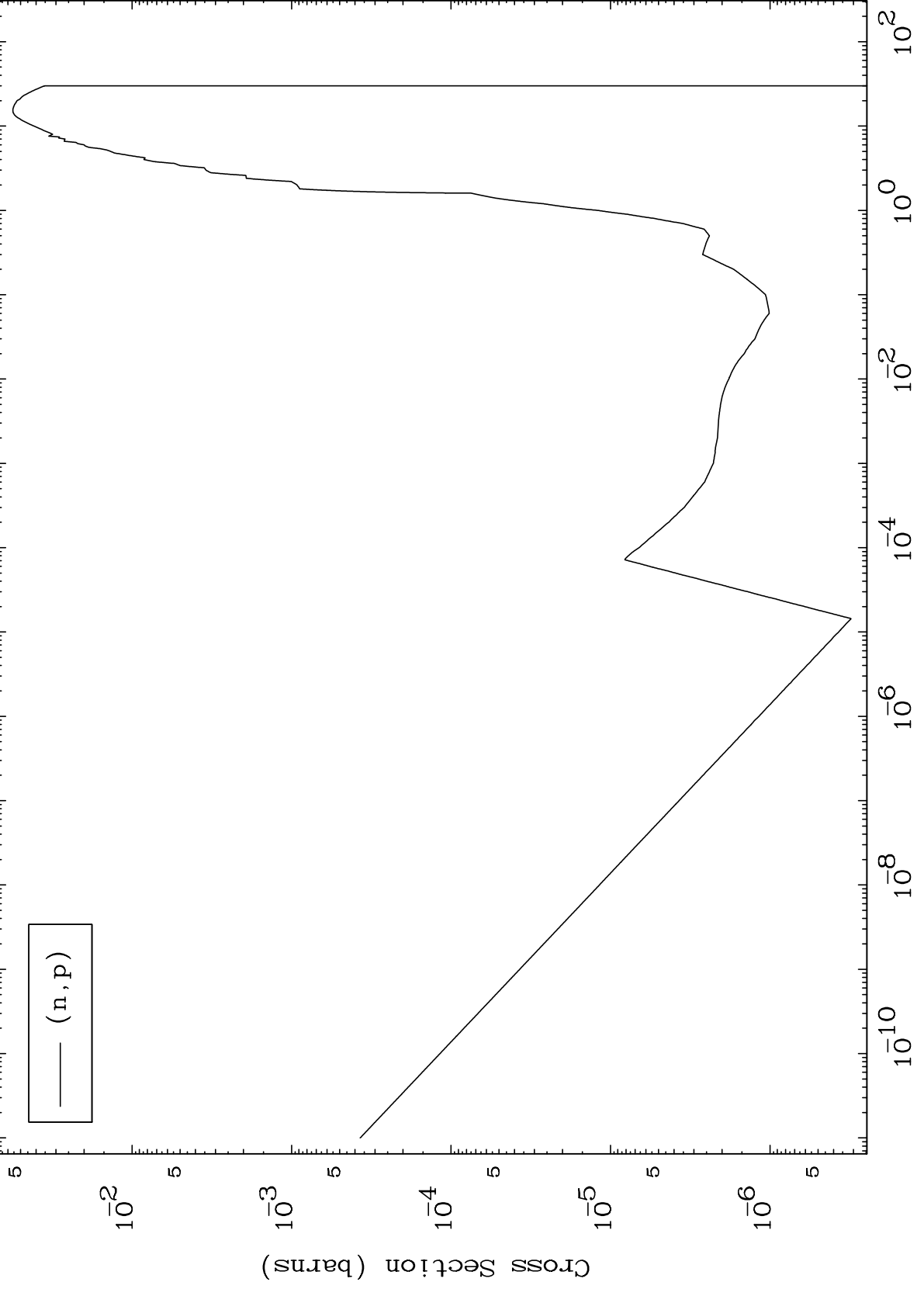




MAT 4122

(n,p) Levels
293 Kelvin Cross Sections

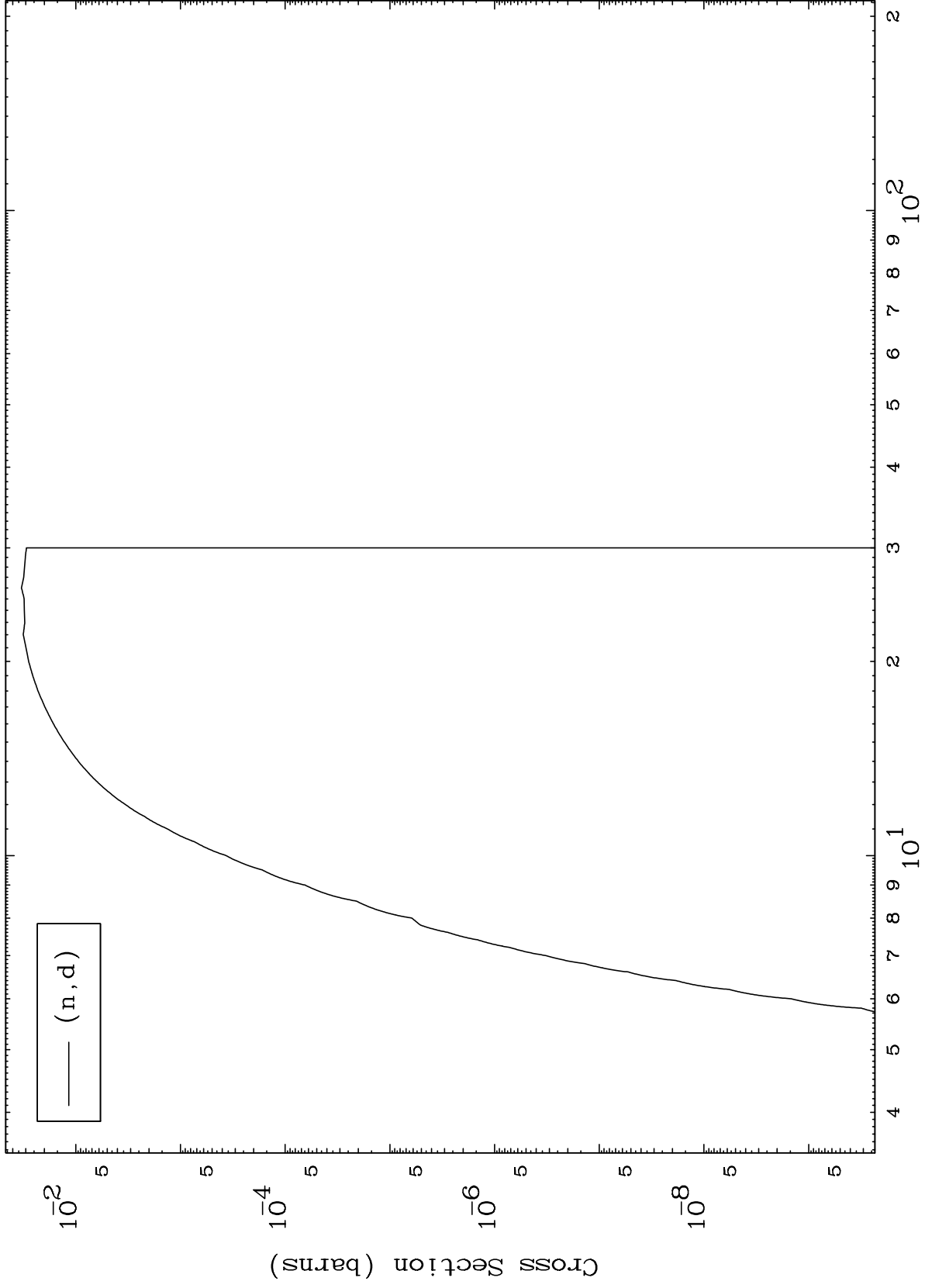
41-Nb-92



MAT 4122

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-92



12

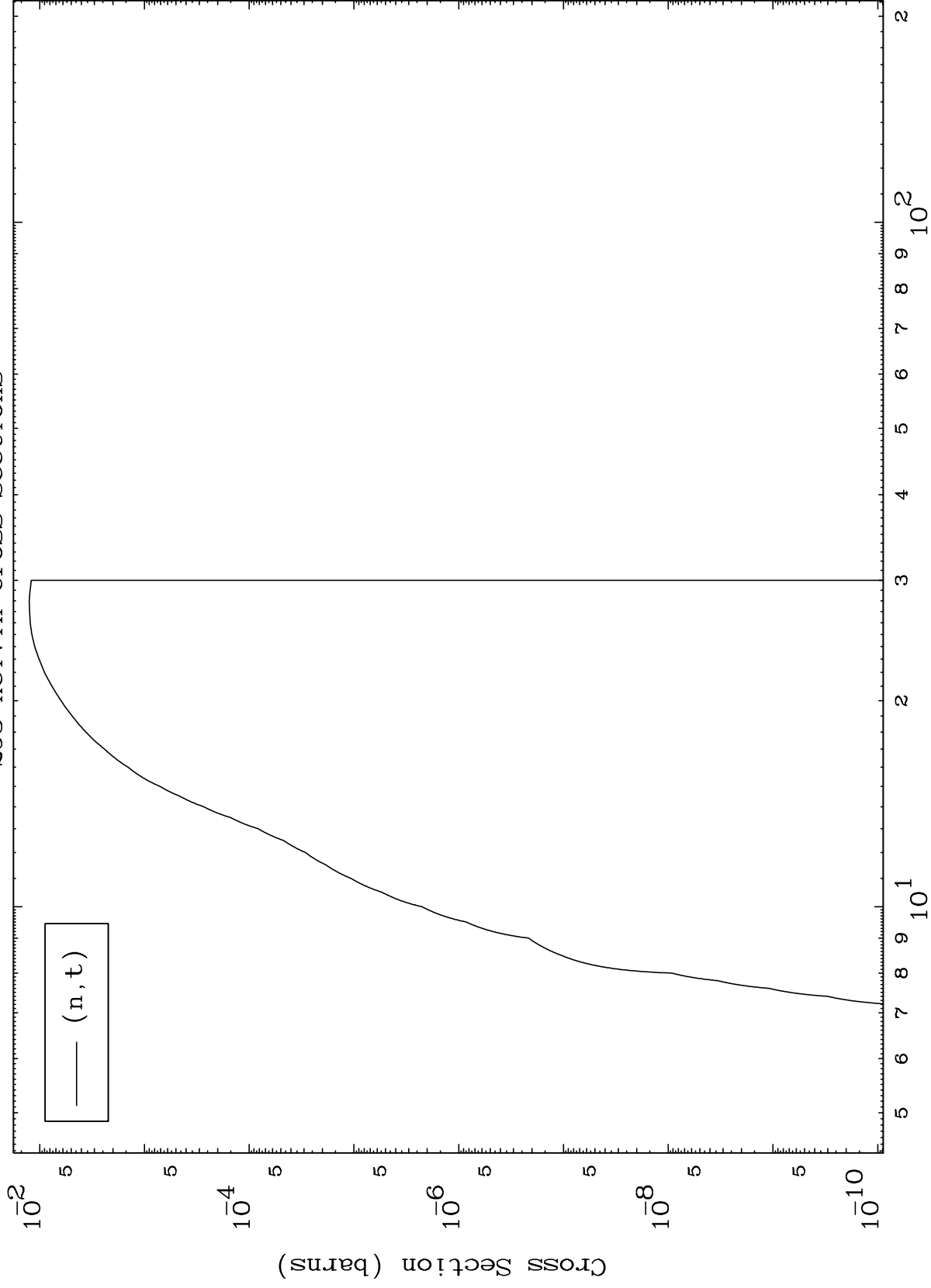
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-92



13

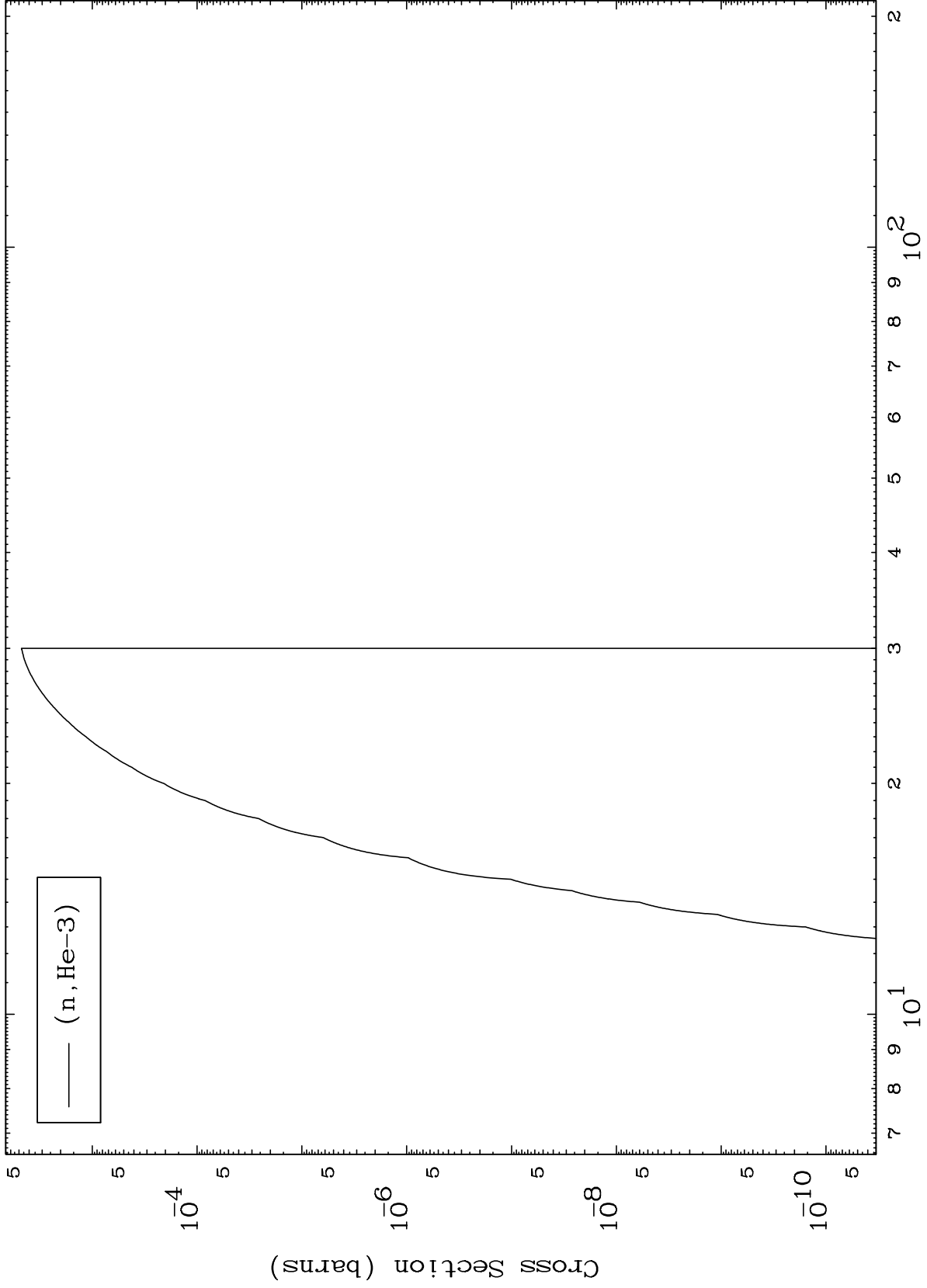
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-92



14

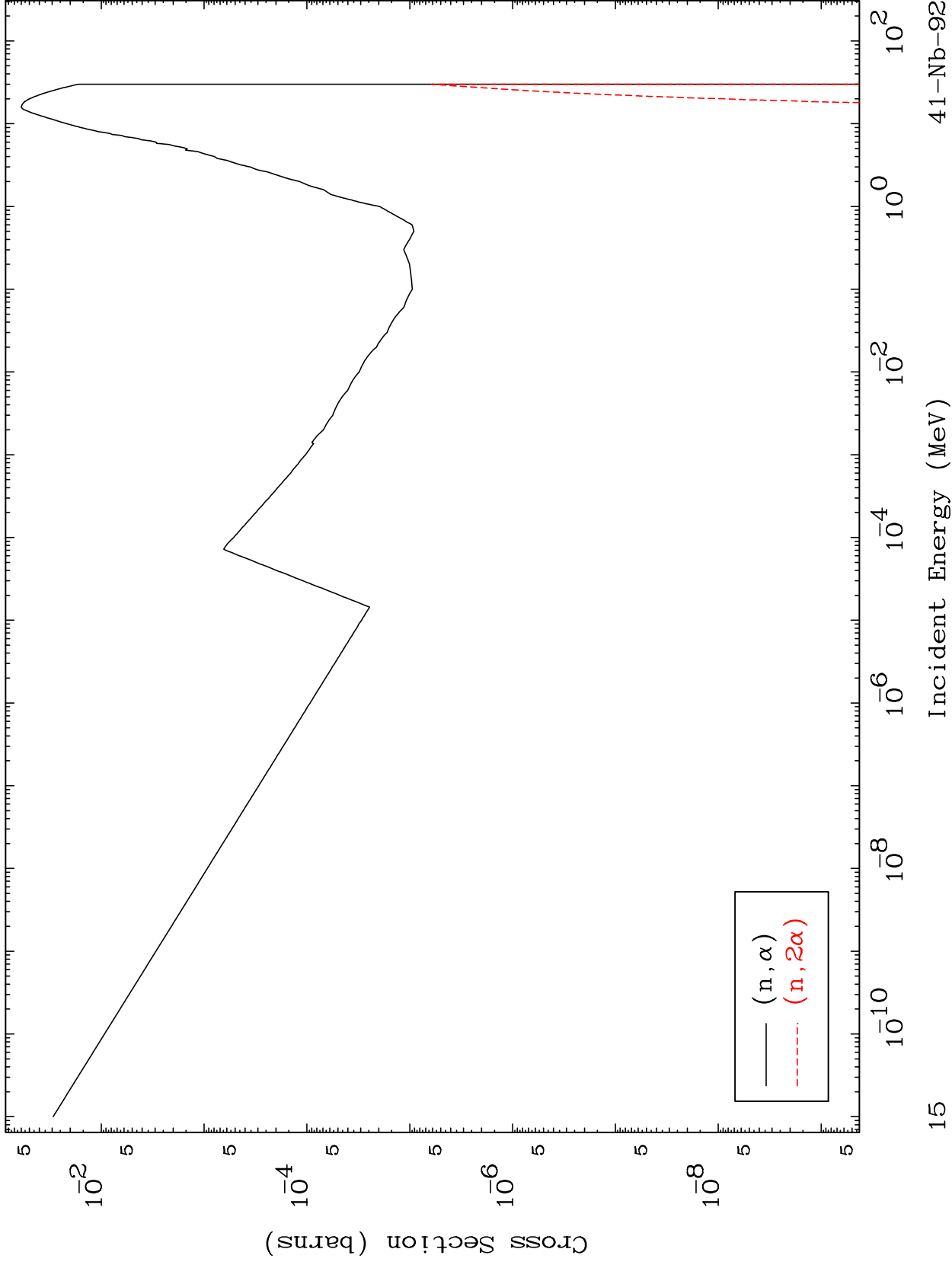
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,α) Levels
293 Kelvin Cross Sections

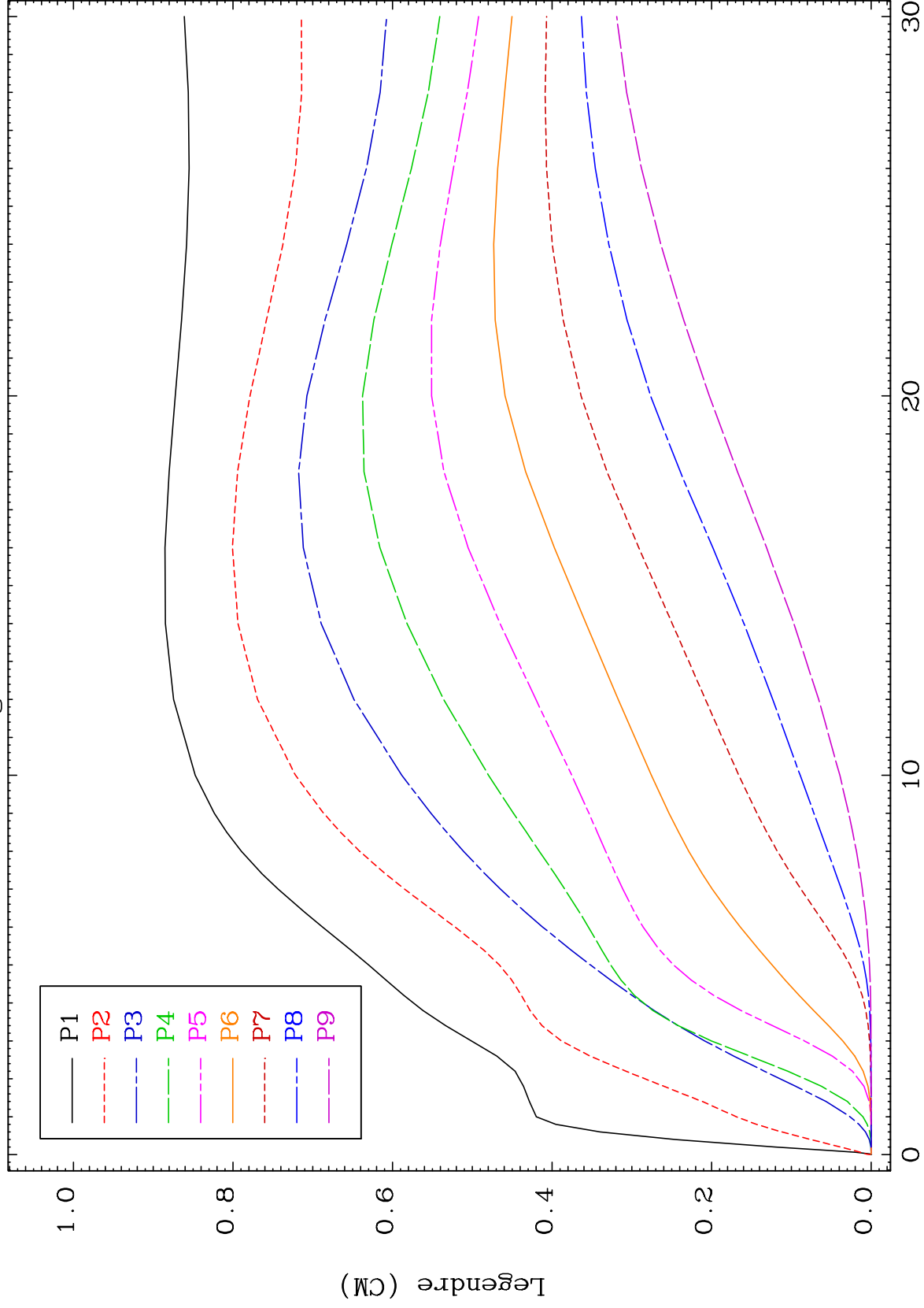
41-Nb-92



MAT 4122

Elastic Legendre Coefficients

41-Nb-92



16

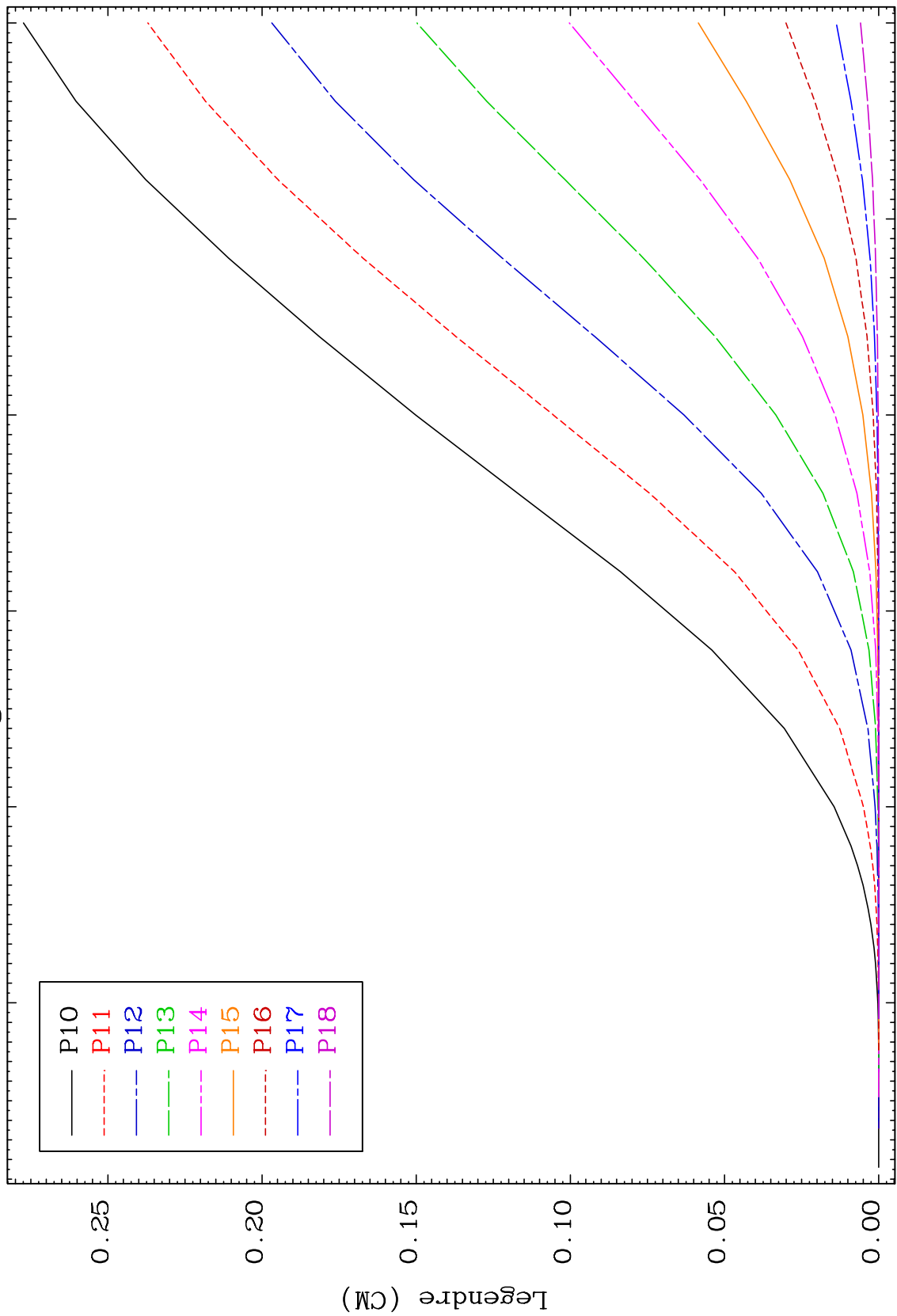
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic Legendre Coefficients

41-Nb-92



17

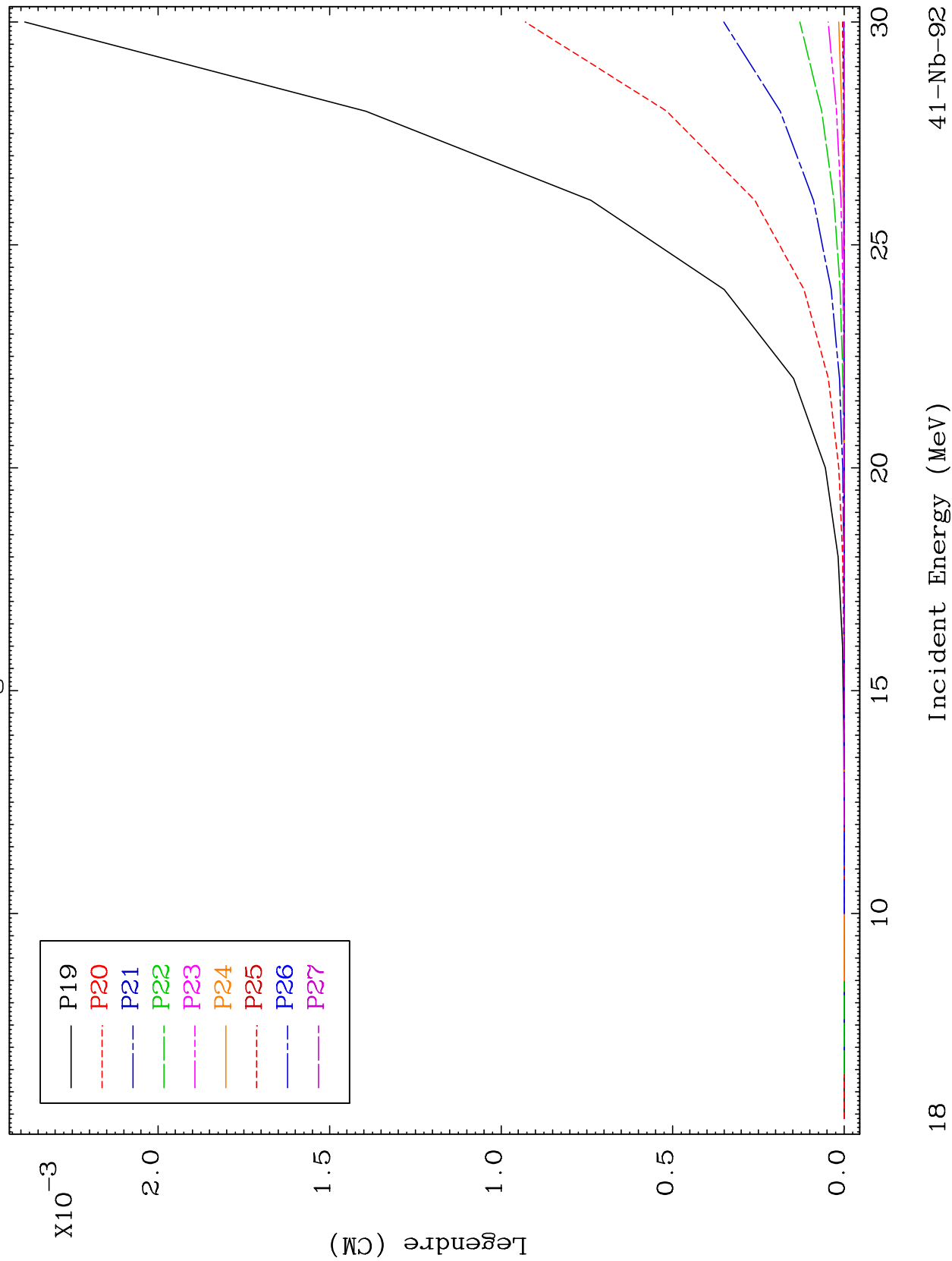
Incident Energy (MeV)

41-Nb-92

MAT 4122

Elastic
Legendre Coefficients

41-Nb-92



18

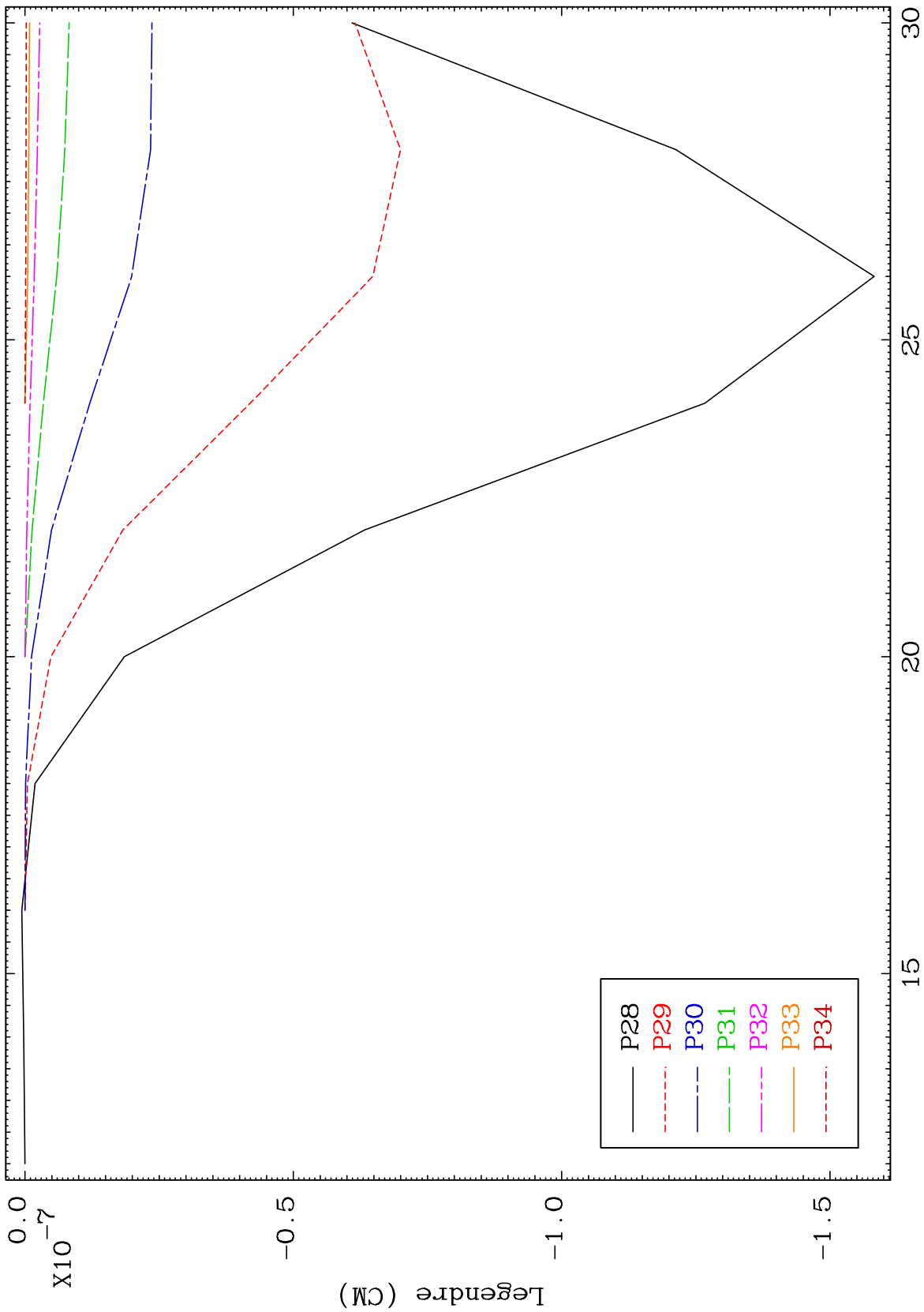
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

Elastic Legendre Coefficients



19

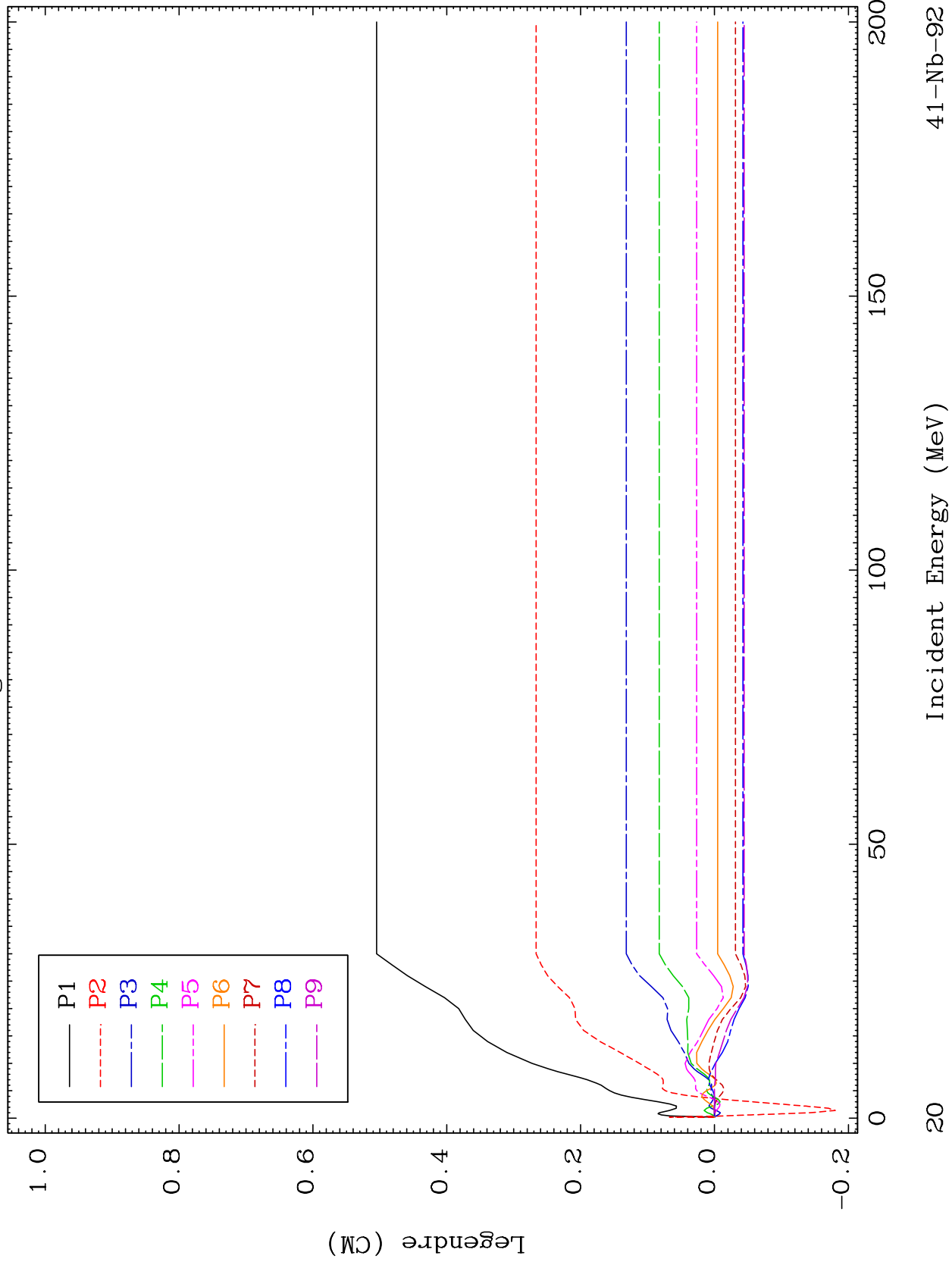
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

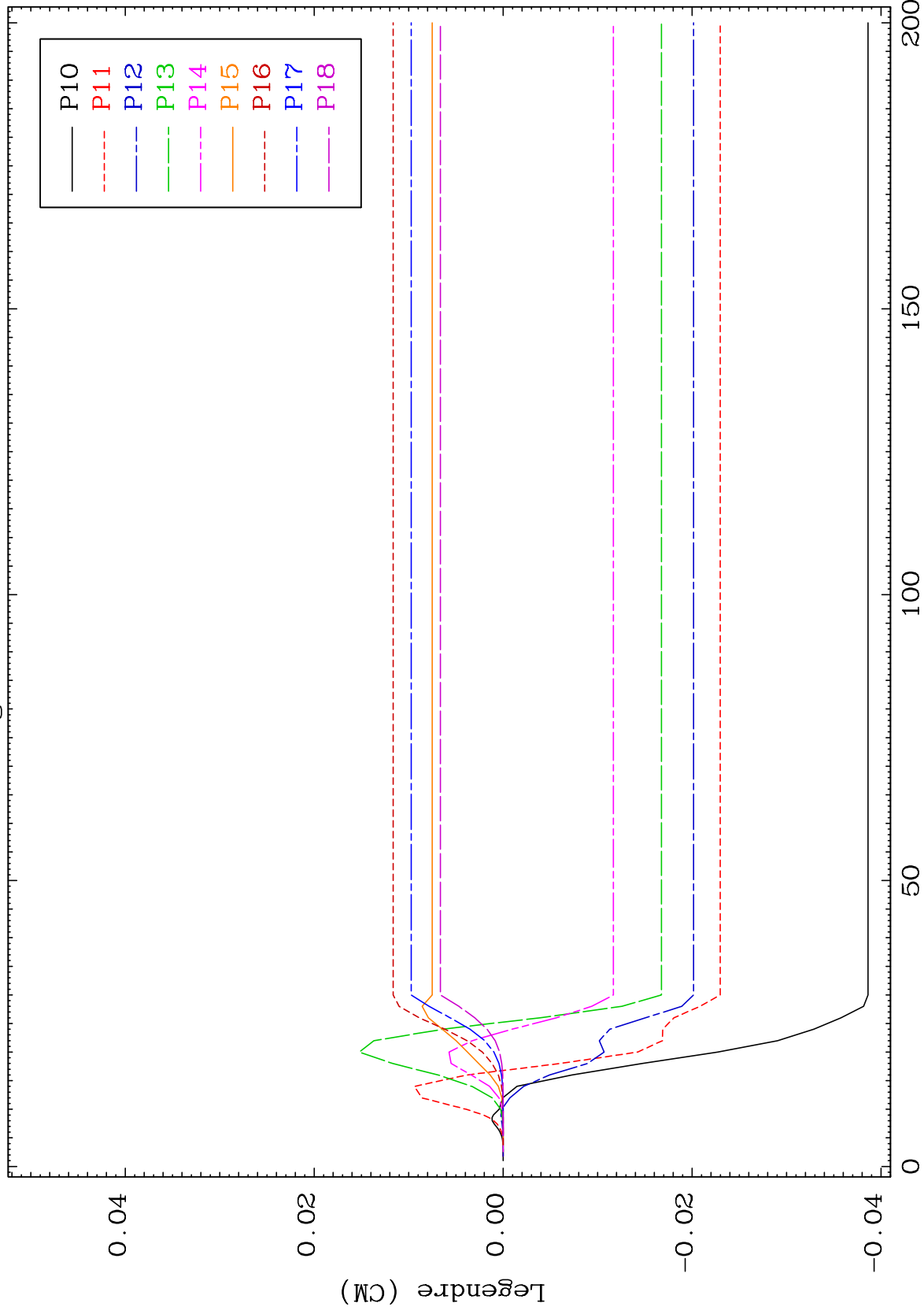
41-Nb-92



MAT 4122

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

41-Nb-92



21

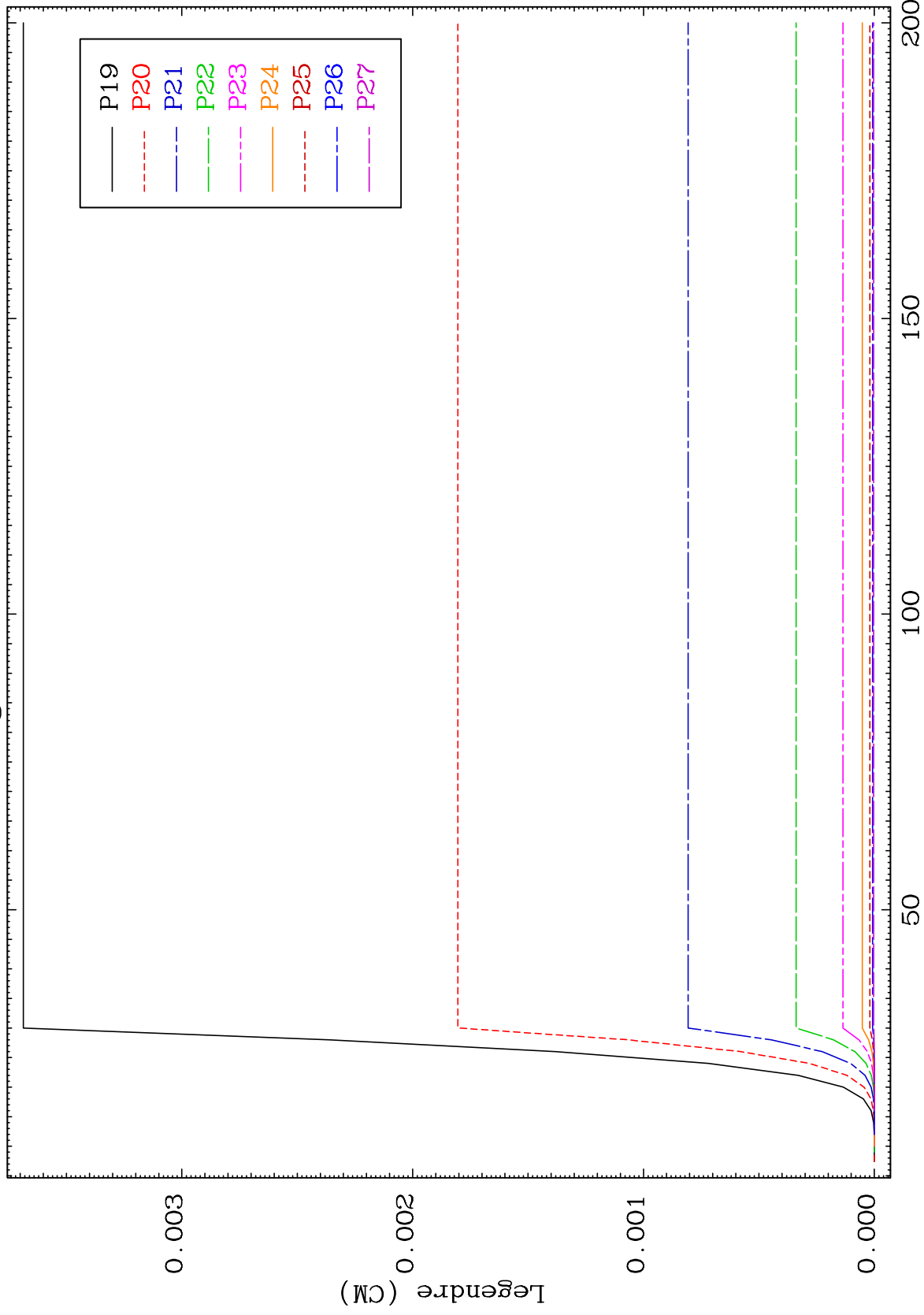
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



22

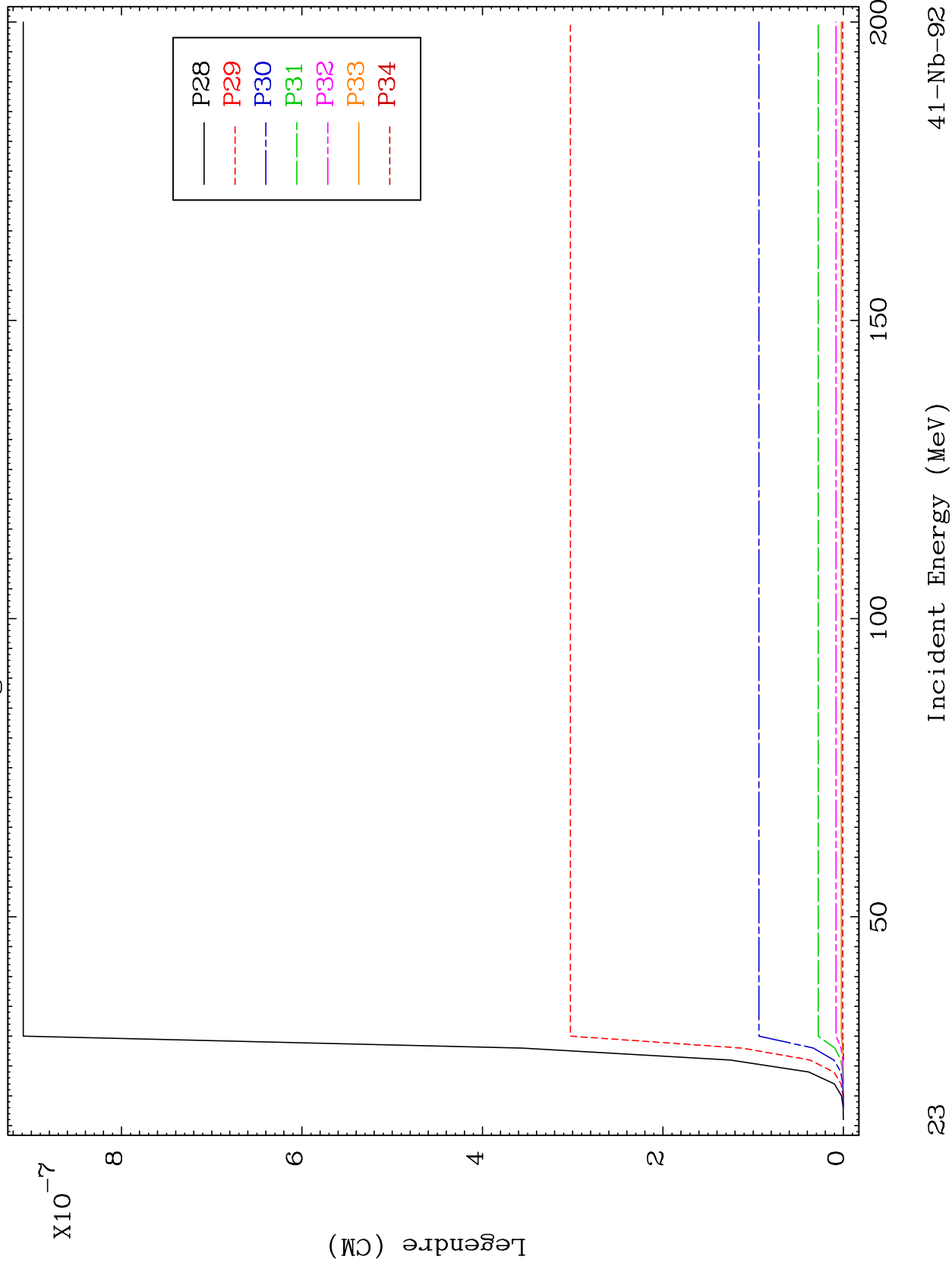
Incident Energy (MeV)

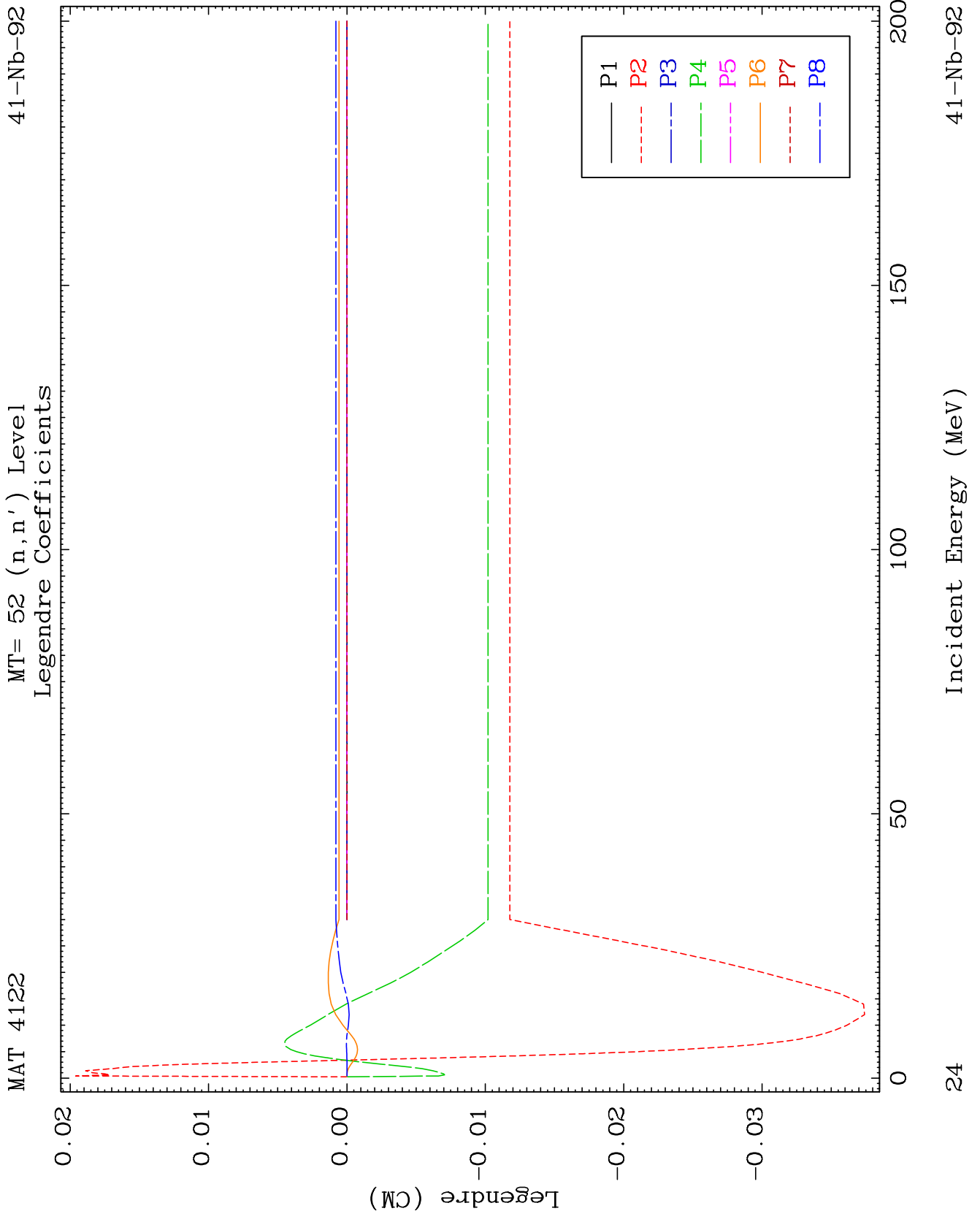
41-Nb-92

MAT 4122

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

41-Nb-92

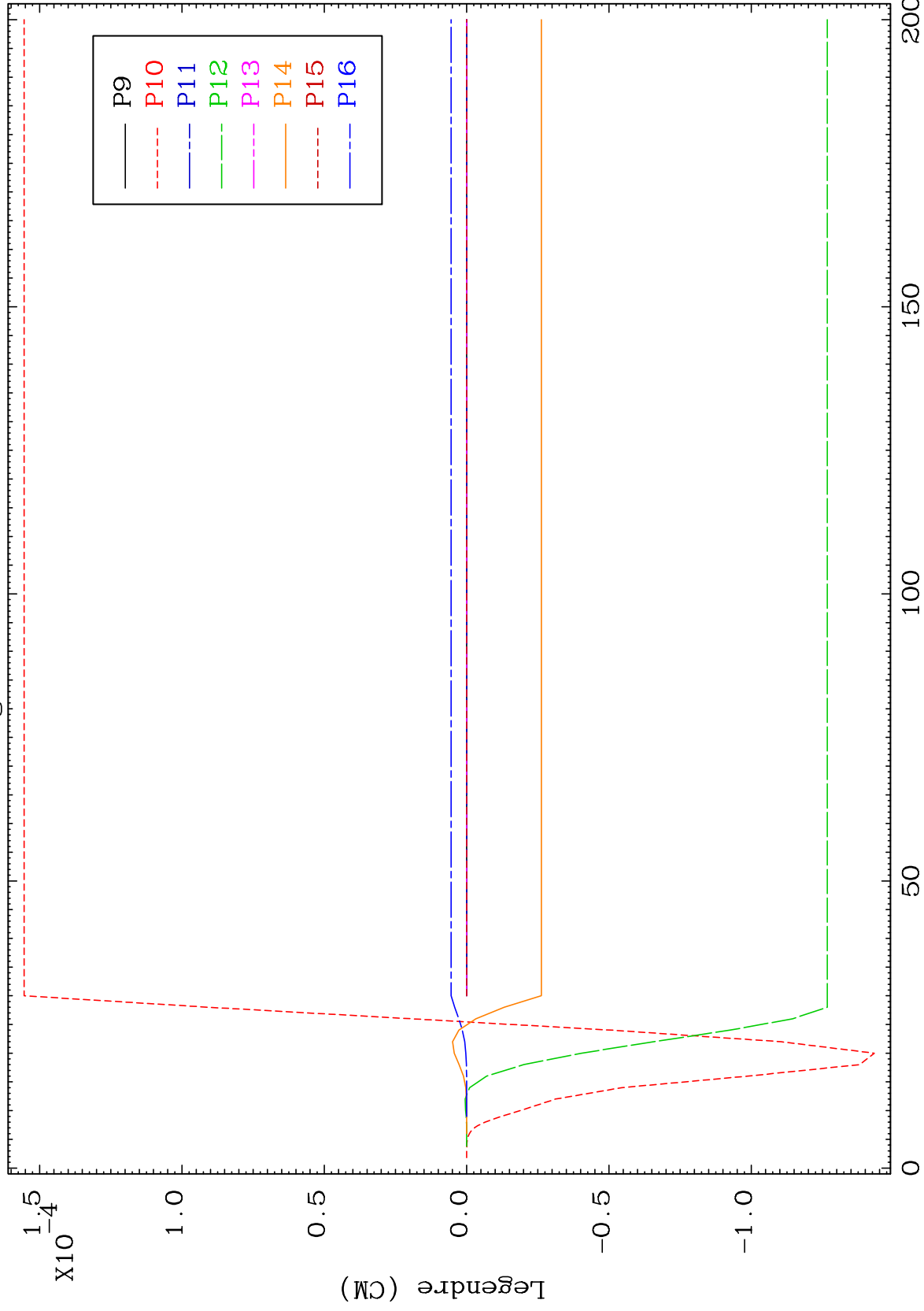




MAT 4122

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

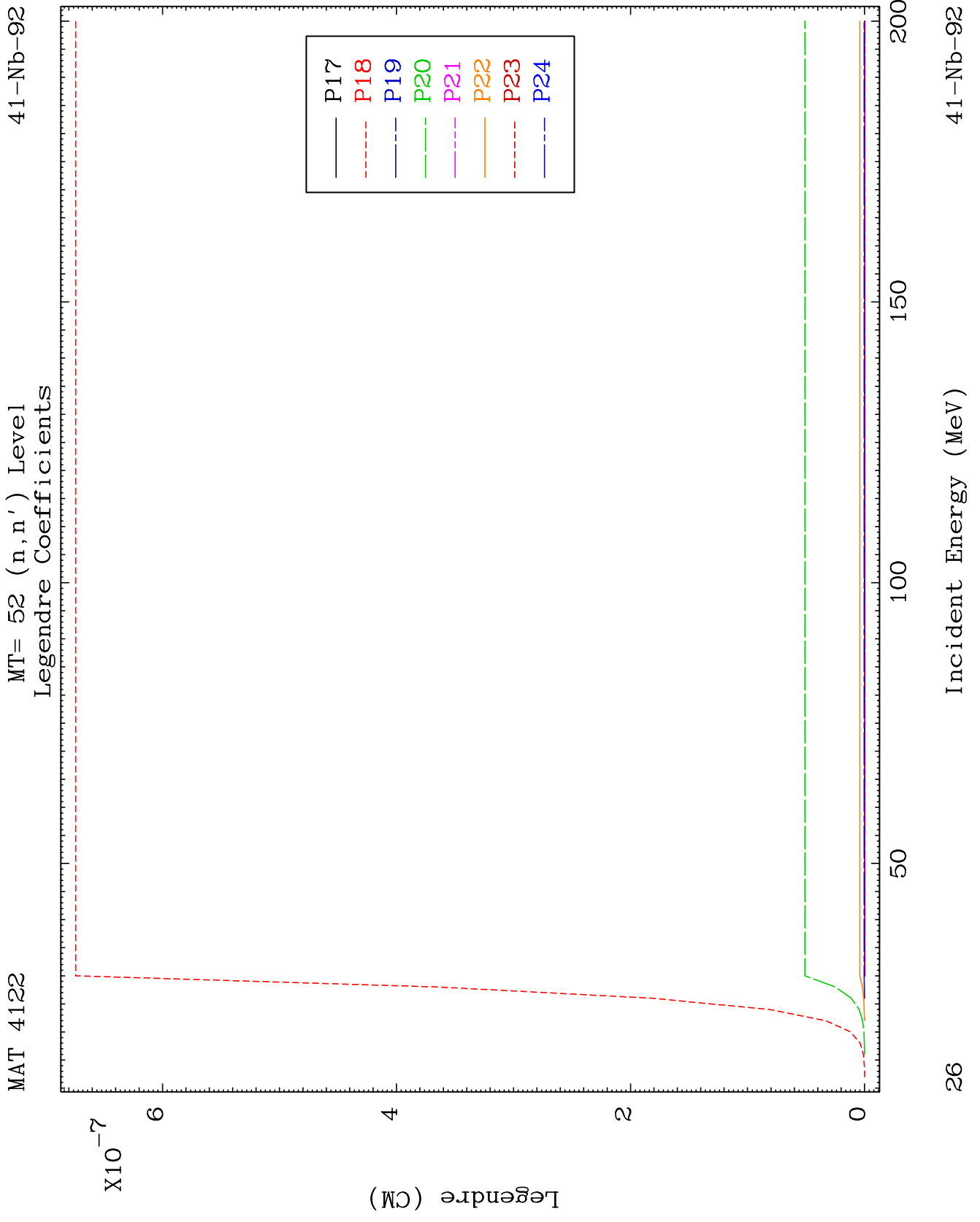
41-Nb-92



25

Incident Energy (MeV)

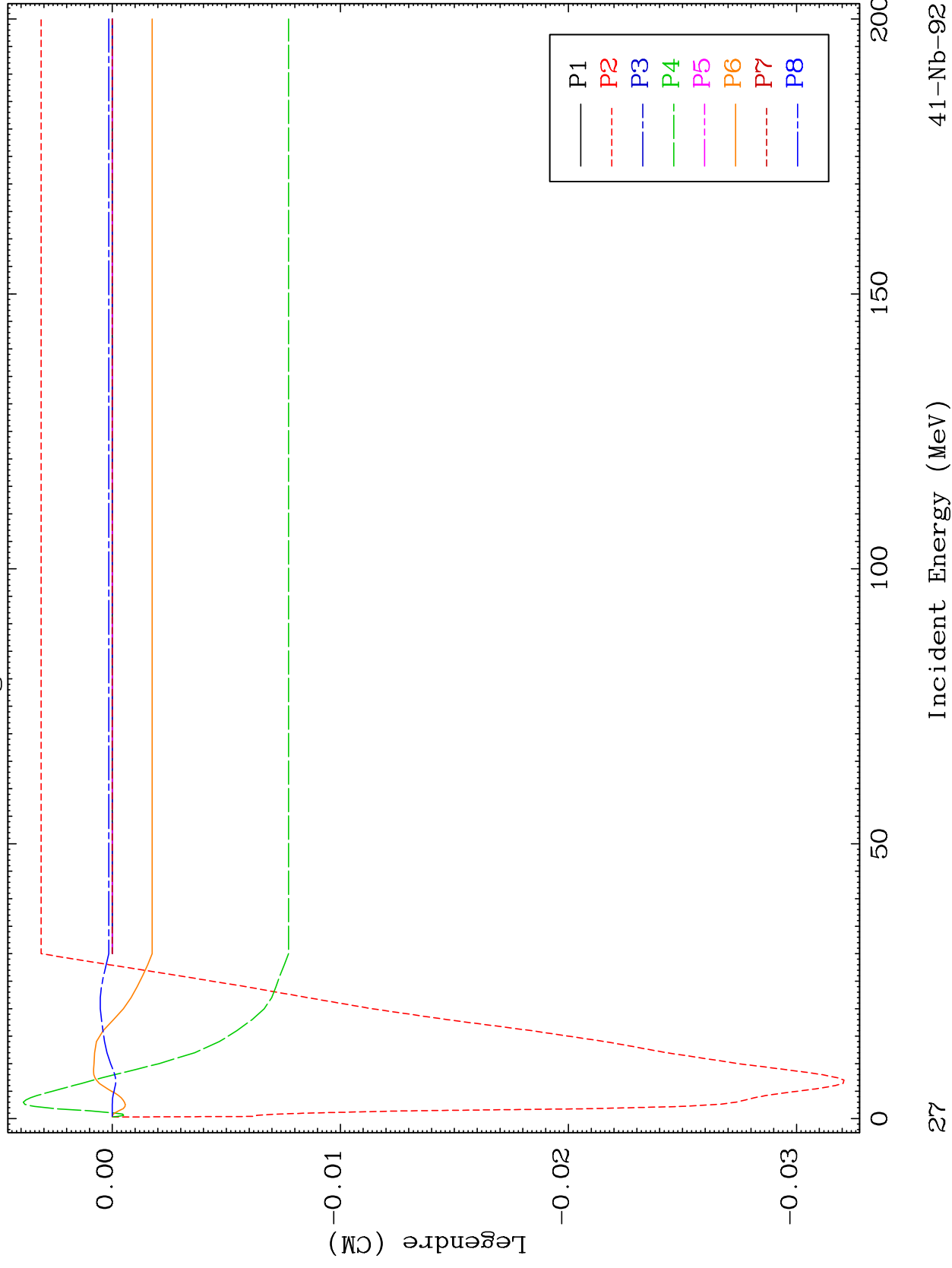
41-Nb-92



MAT 4122

41-Nb-92

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



41-Nb-92

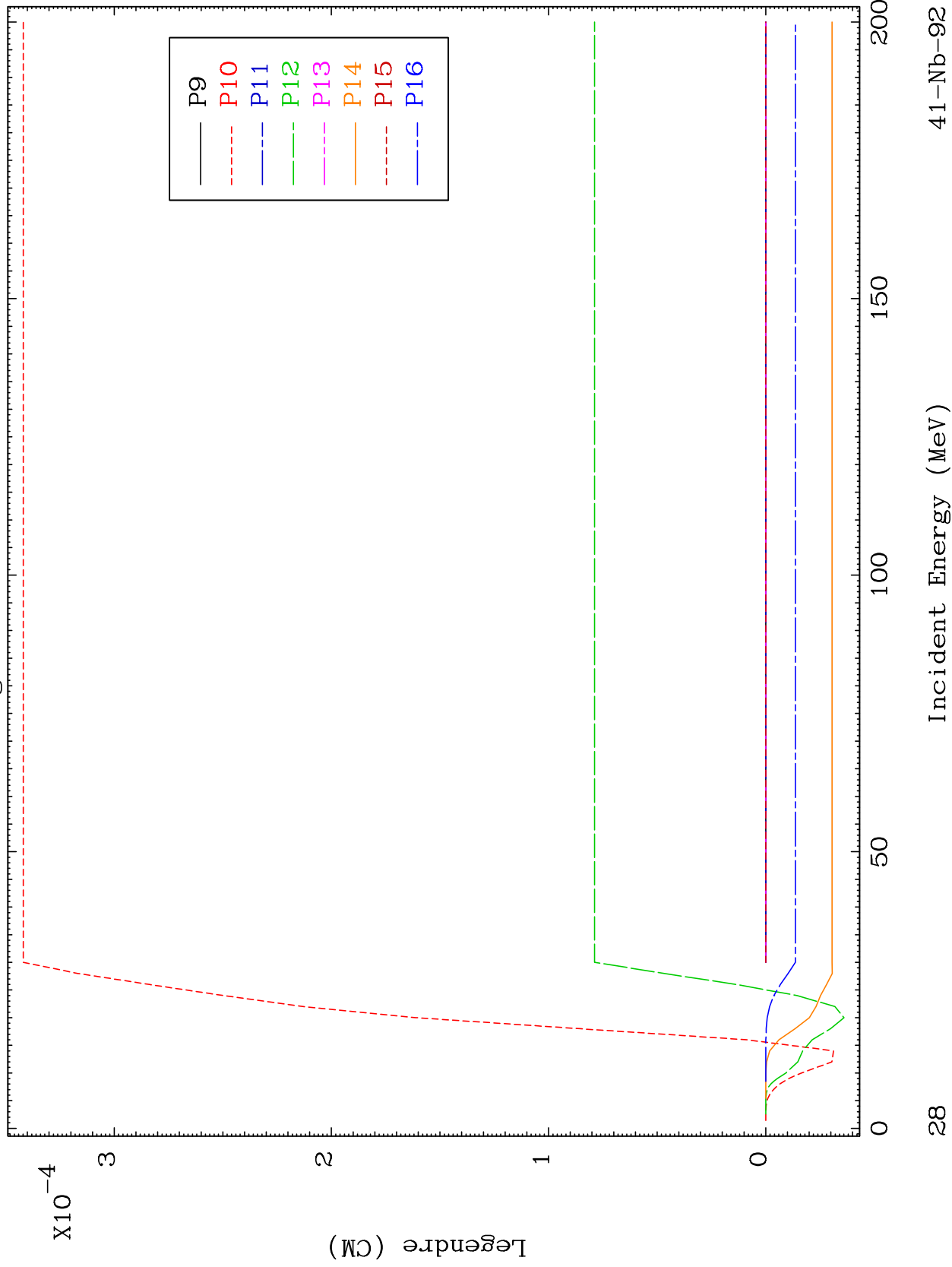
Incident Energy (MeV)

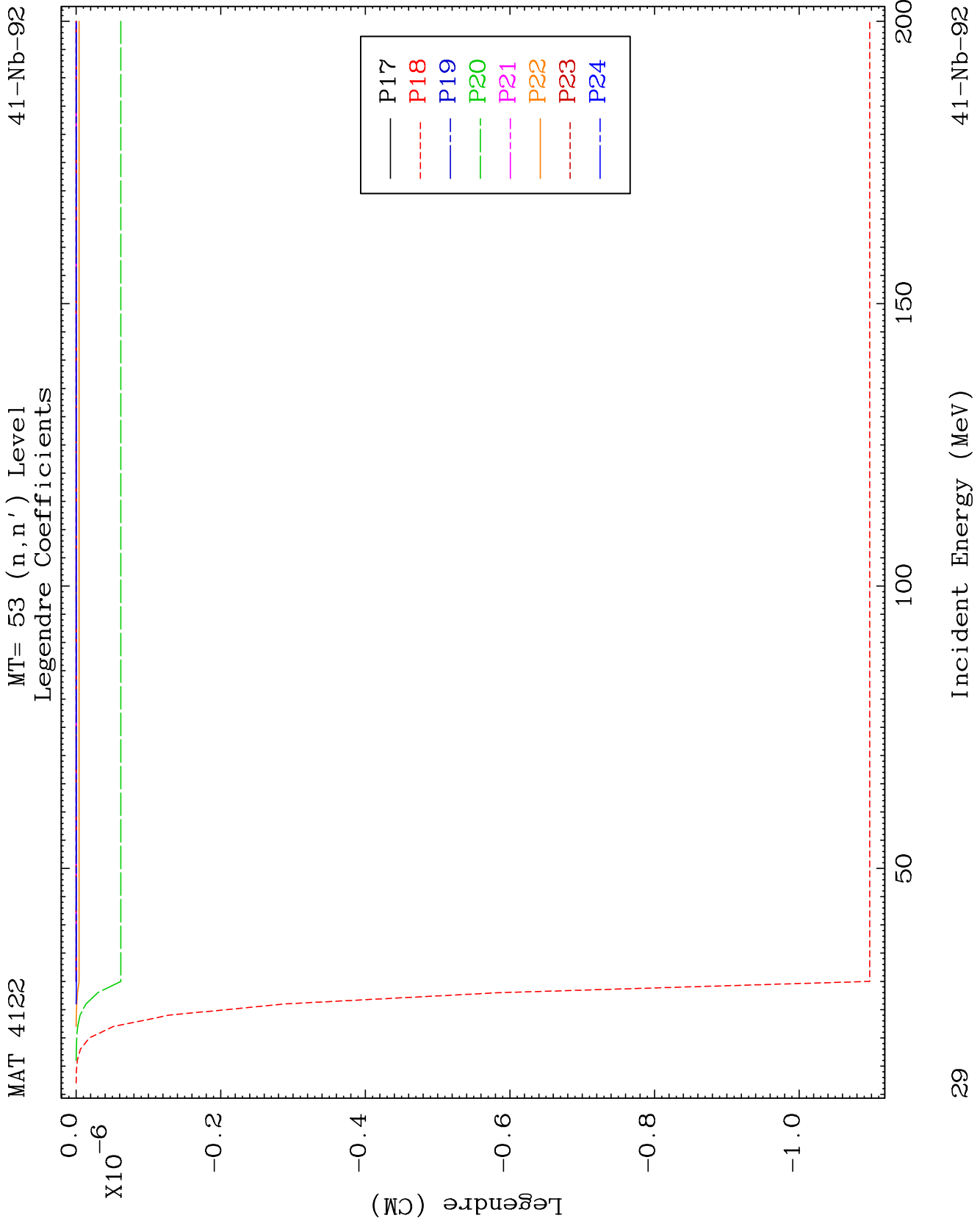
27

MAT 4122

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

41-Nb-92

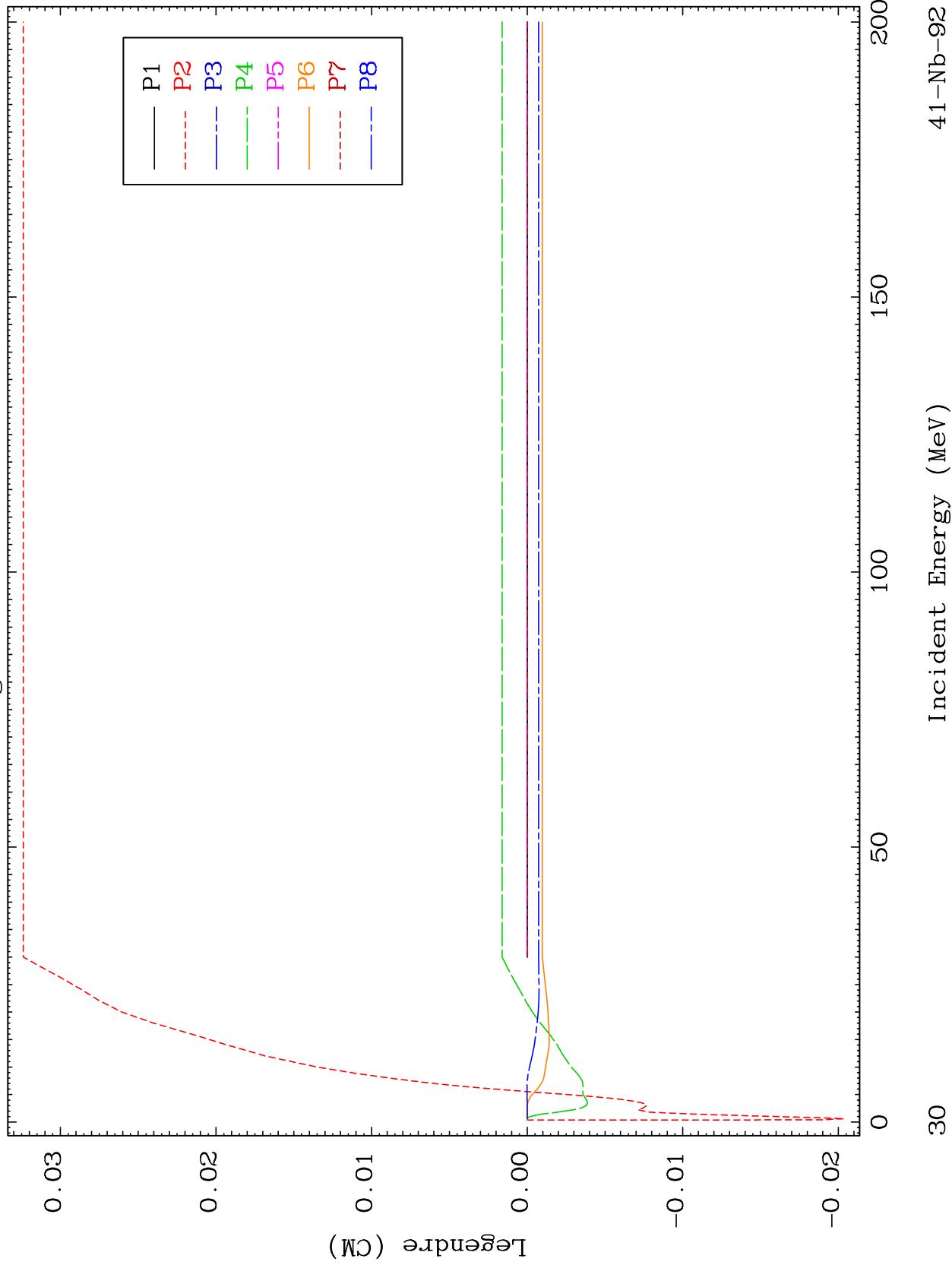




MAT 4122

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

41-Nb-92



41-Nb-92

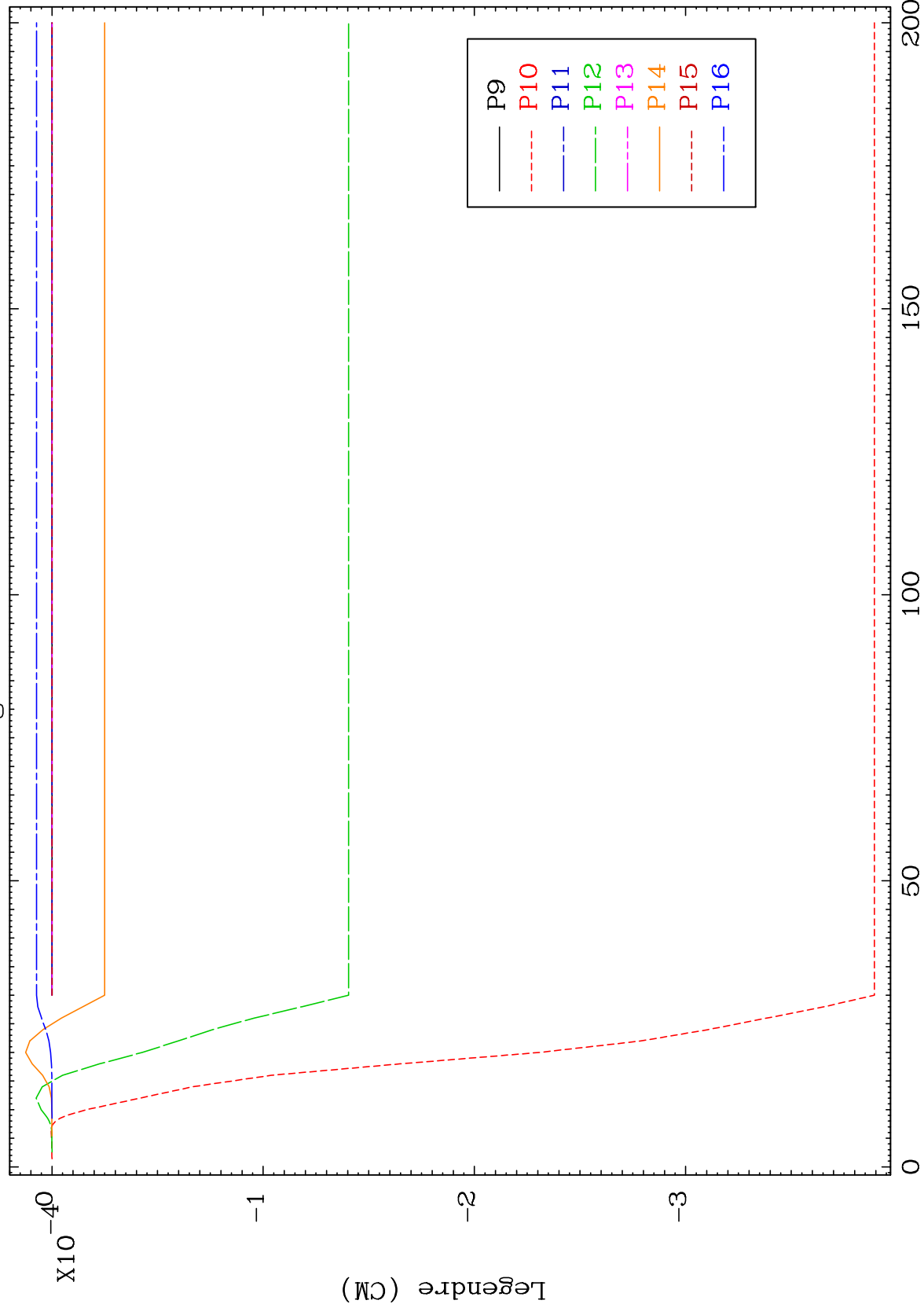
Incident Energy (MeV)

30

MAT 4122

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

41-Nb-92



31

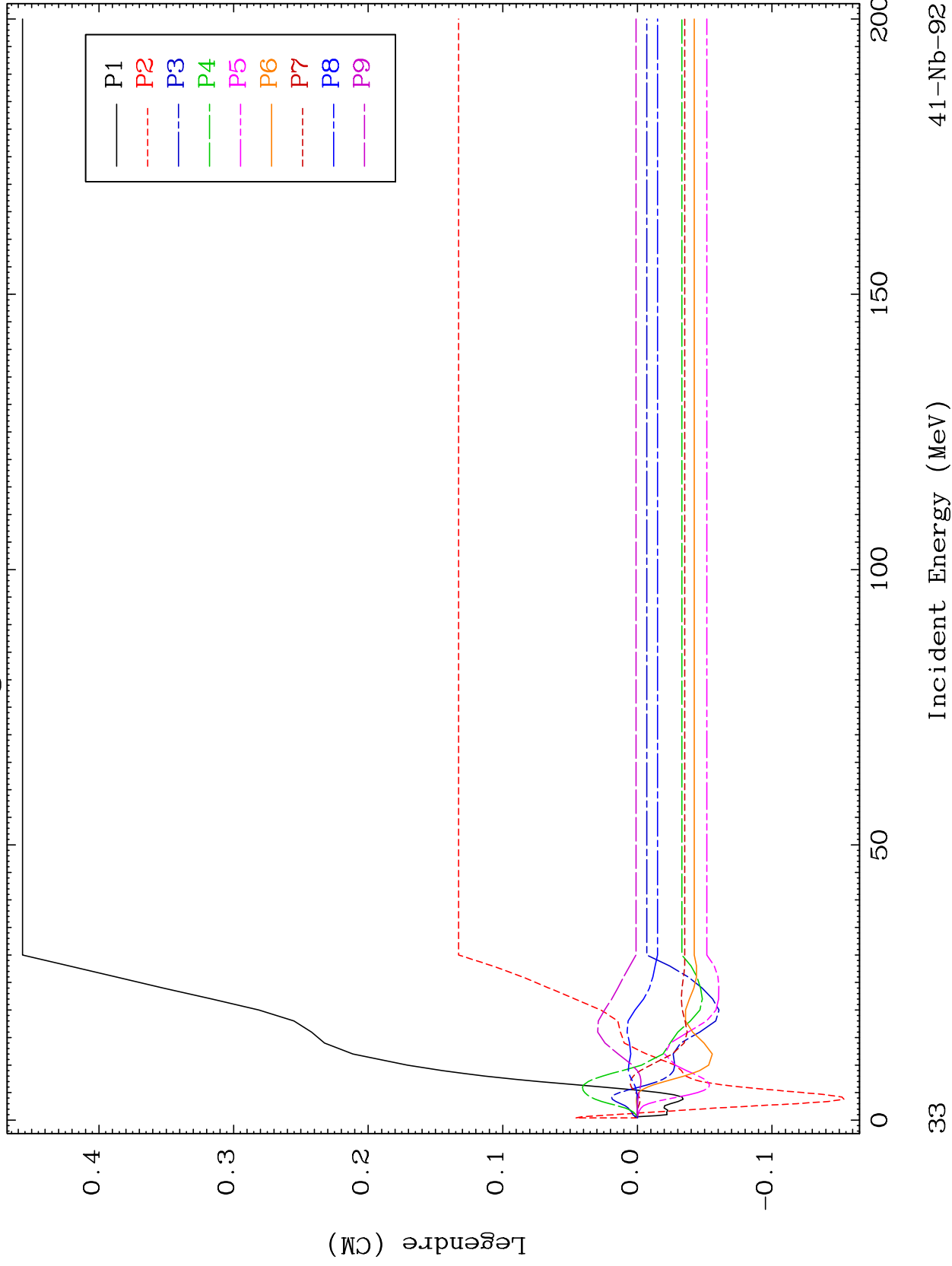
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

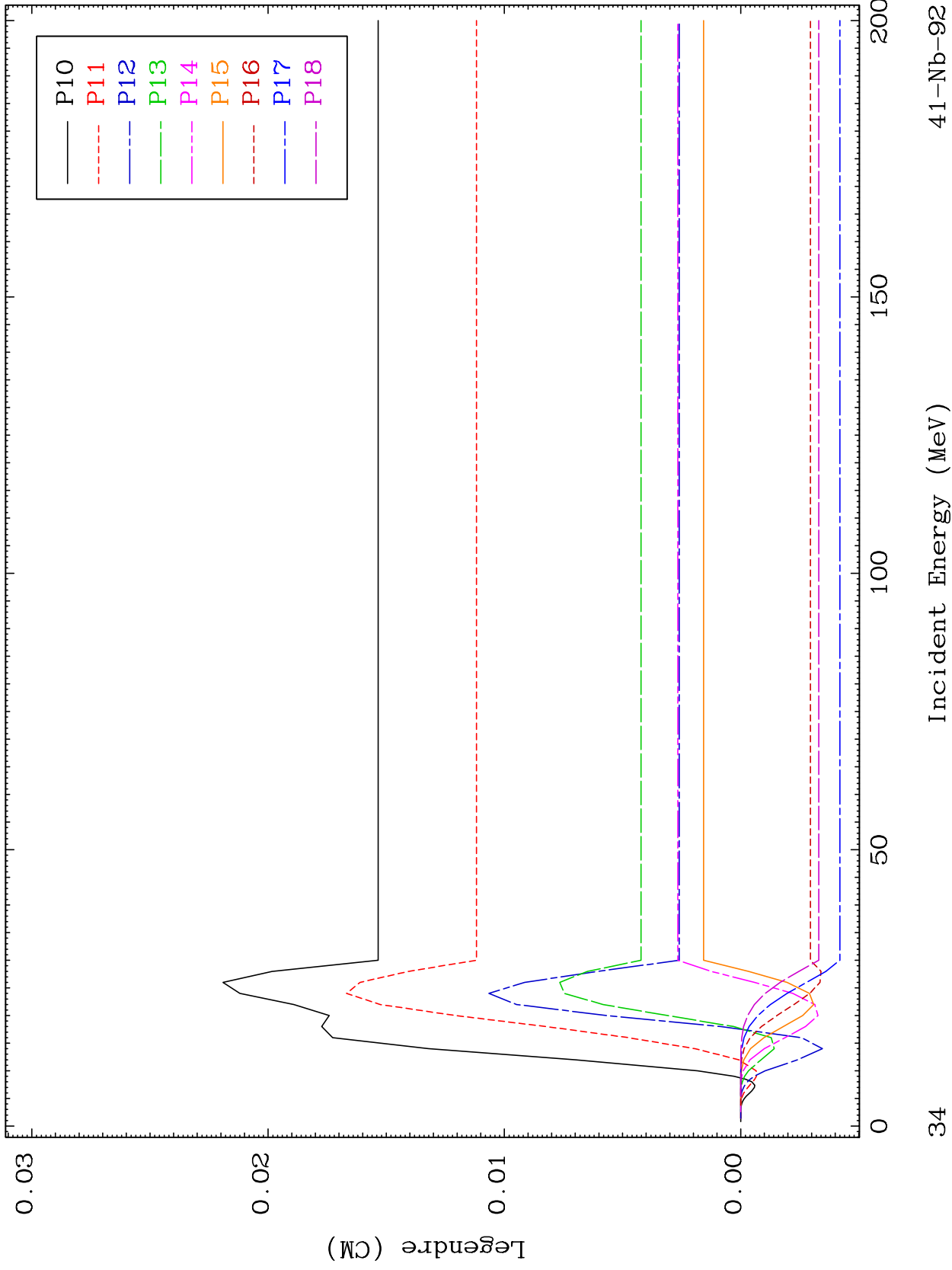
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MAT 4122

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

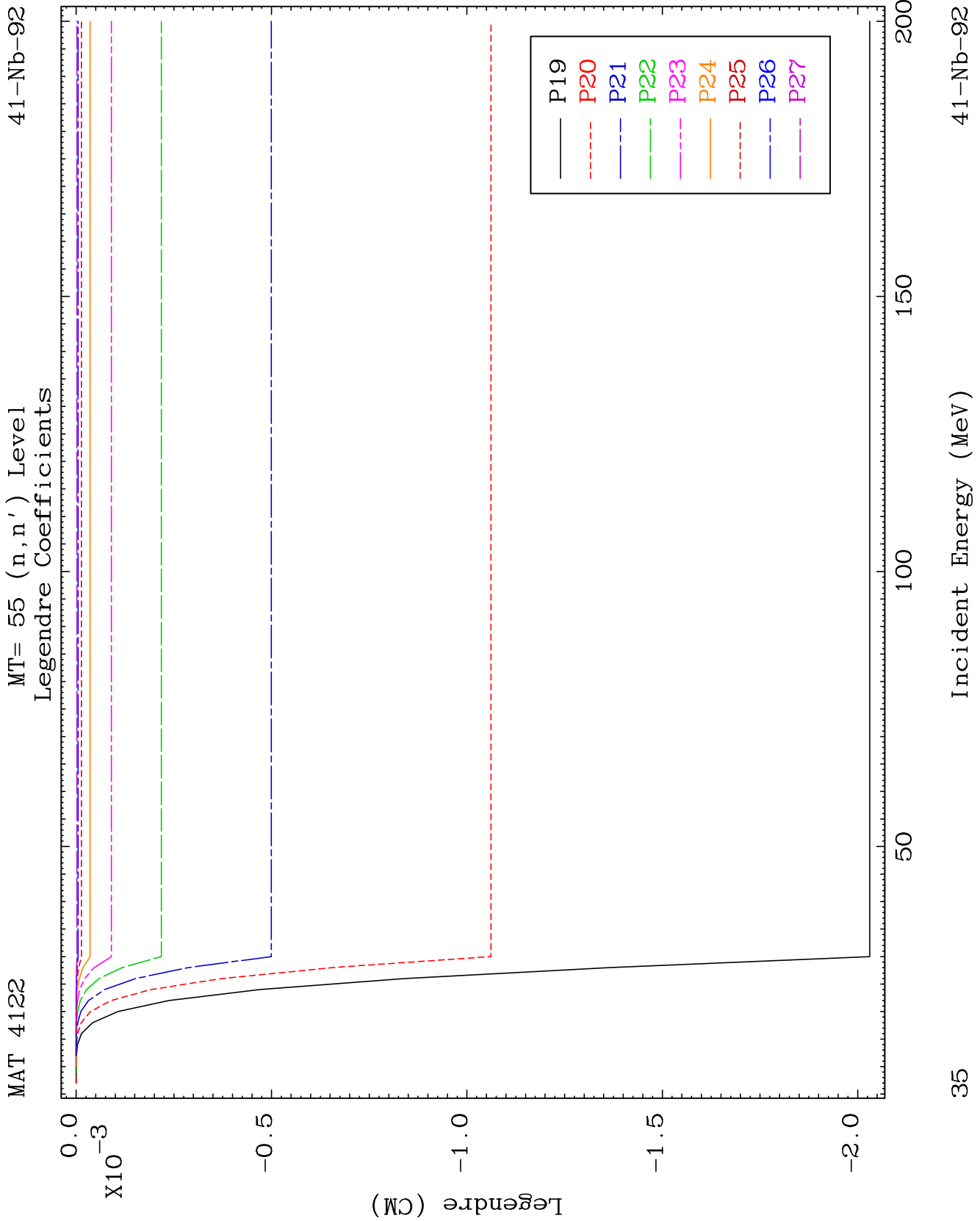
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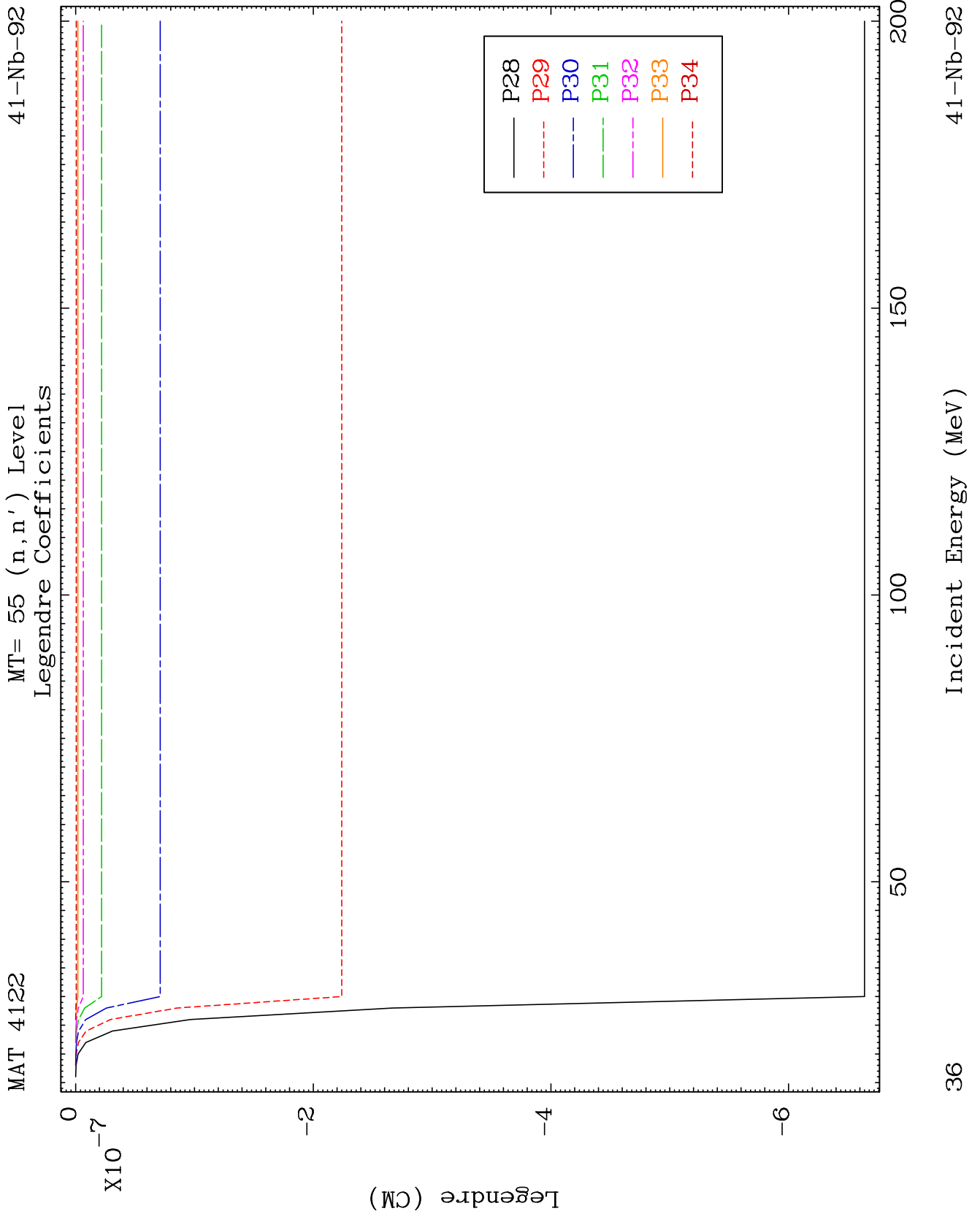


34

Incident Energy (MeV)

41-Nb-92

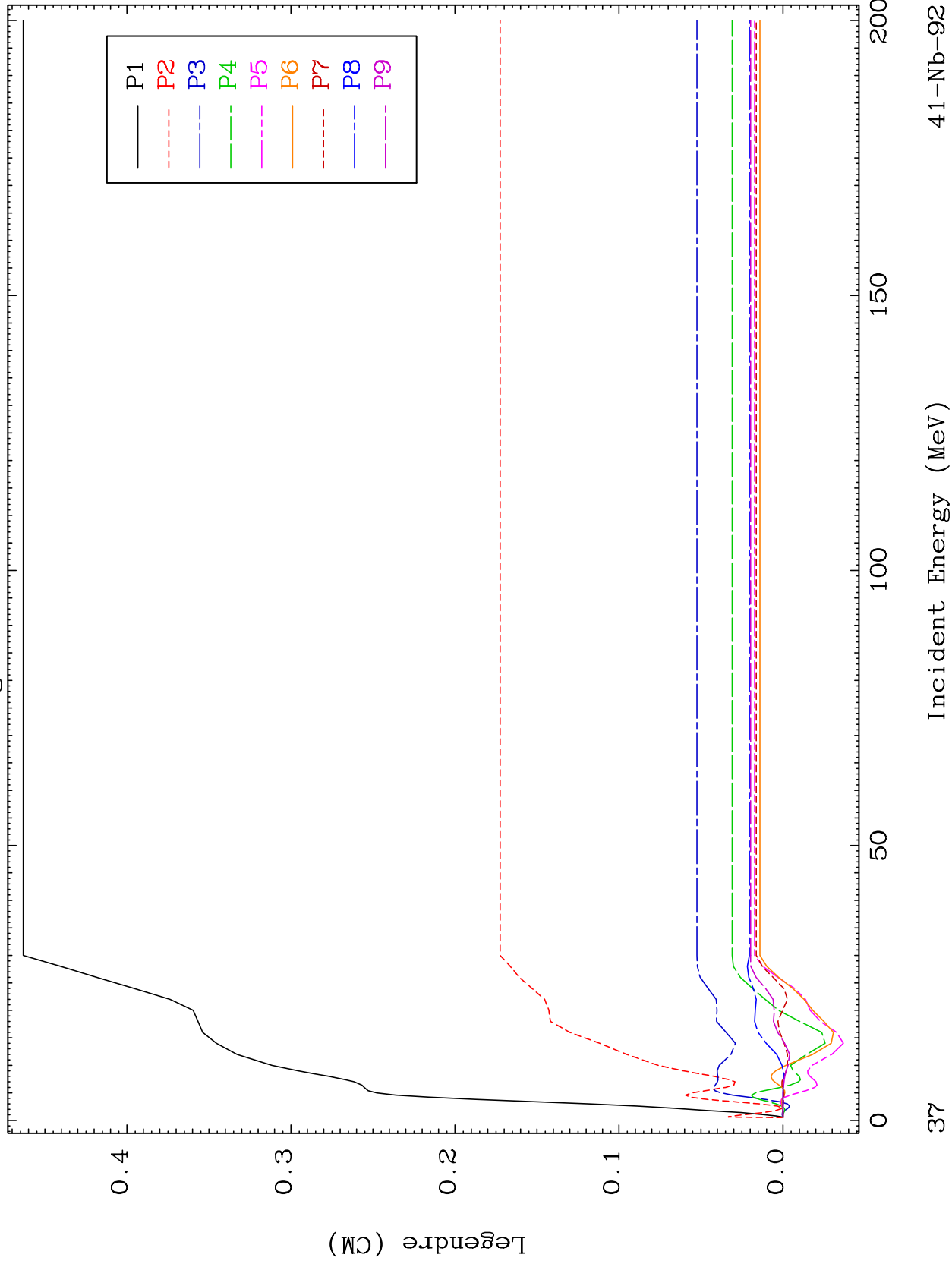




MAT 4122

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

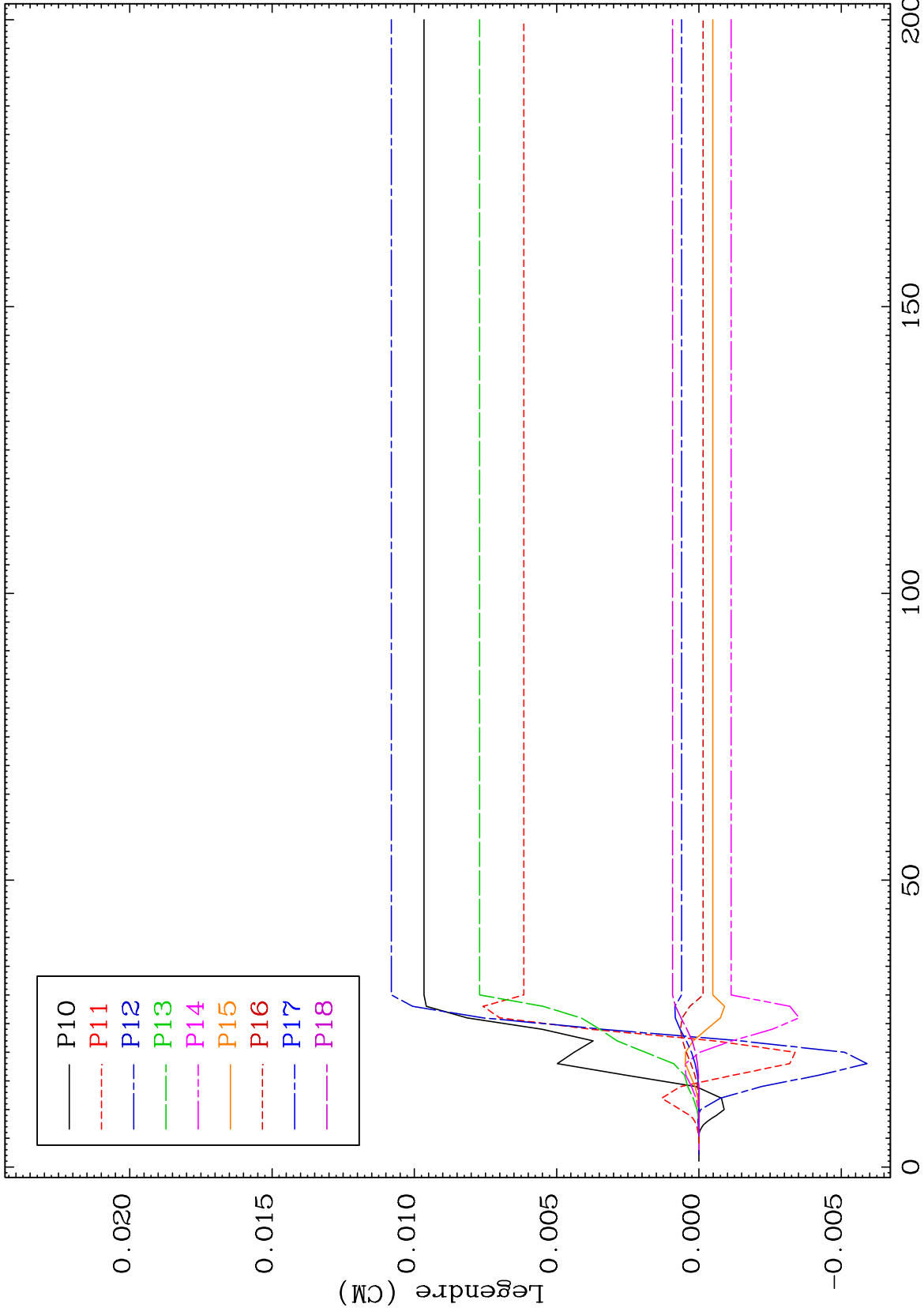
41-Nb-92



37

Incident Energy (MeV)

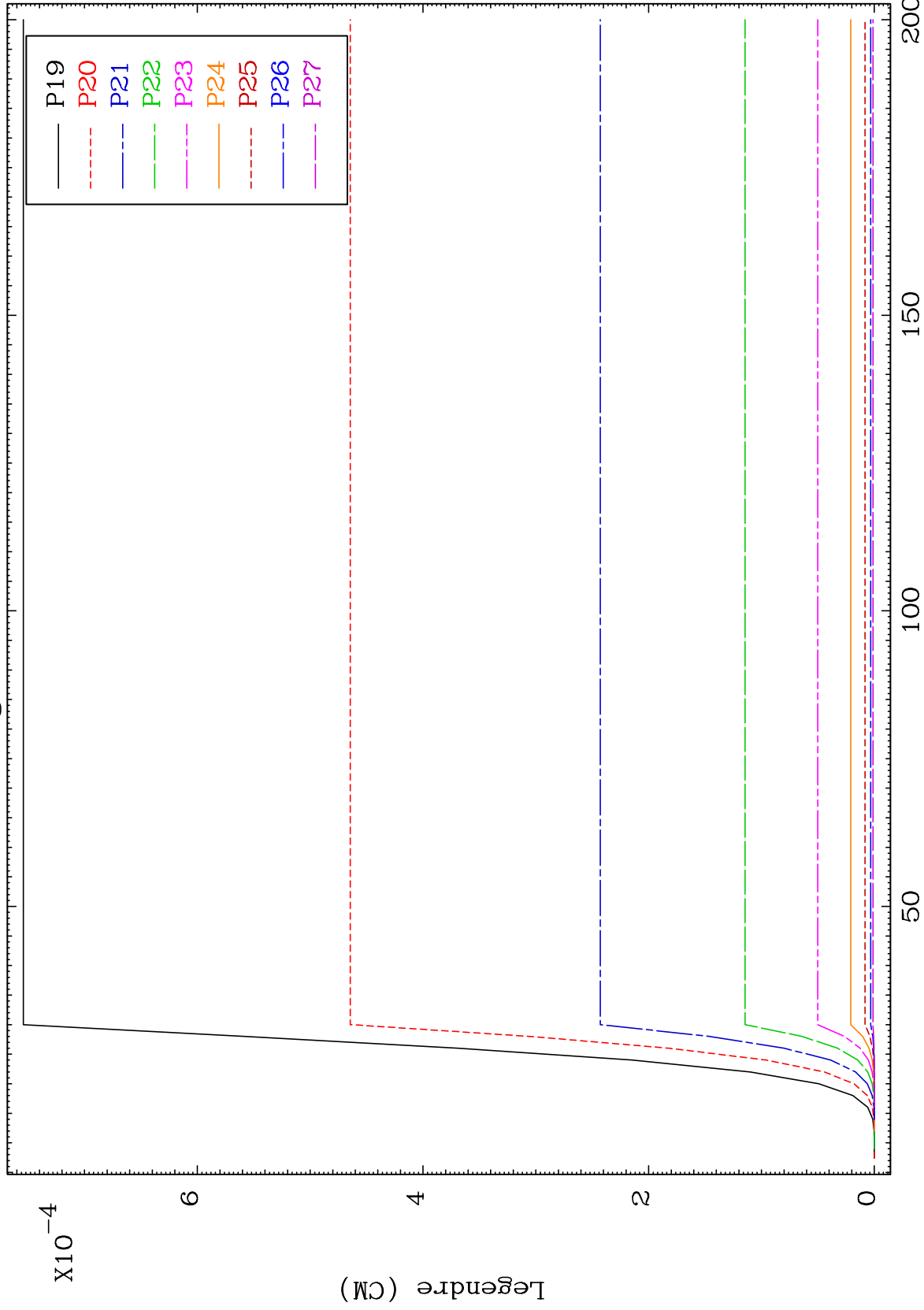
41-Nb-92



MAT 4122

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

41-Nb-92



39

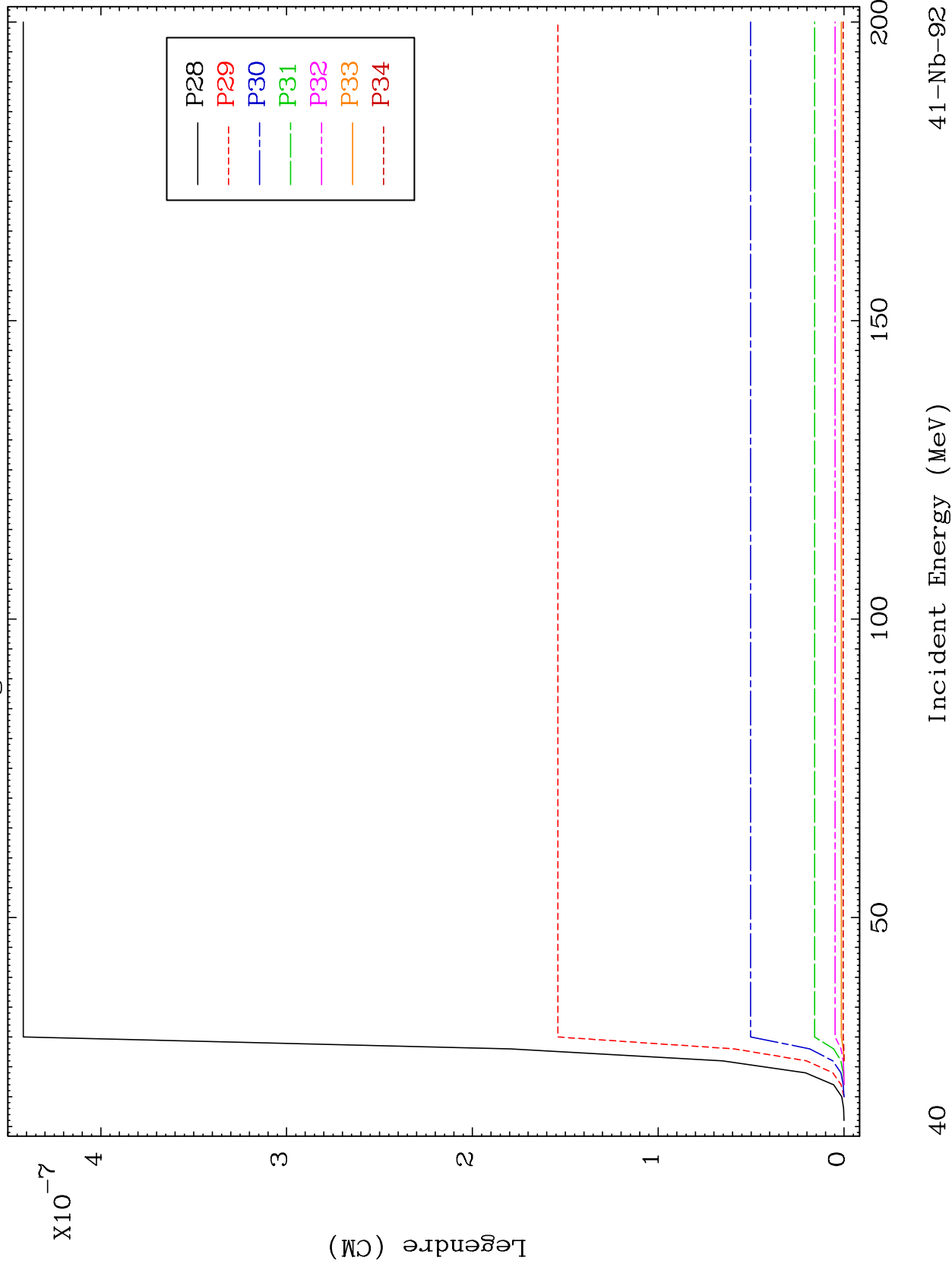
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

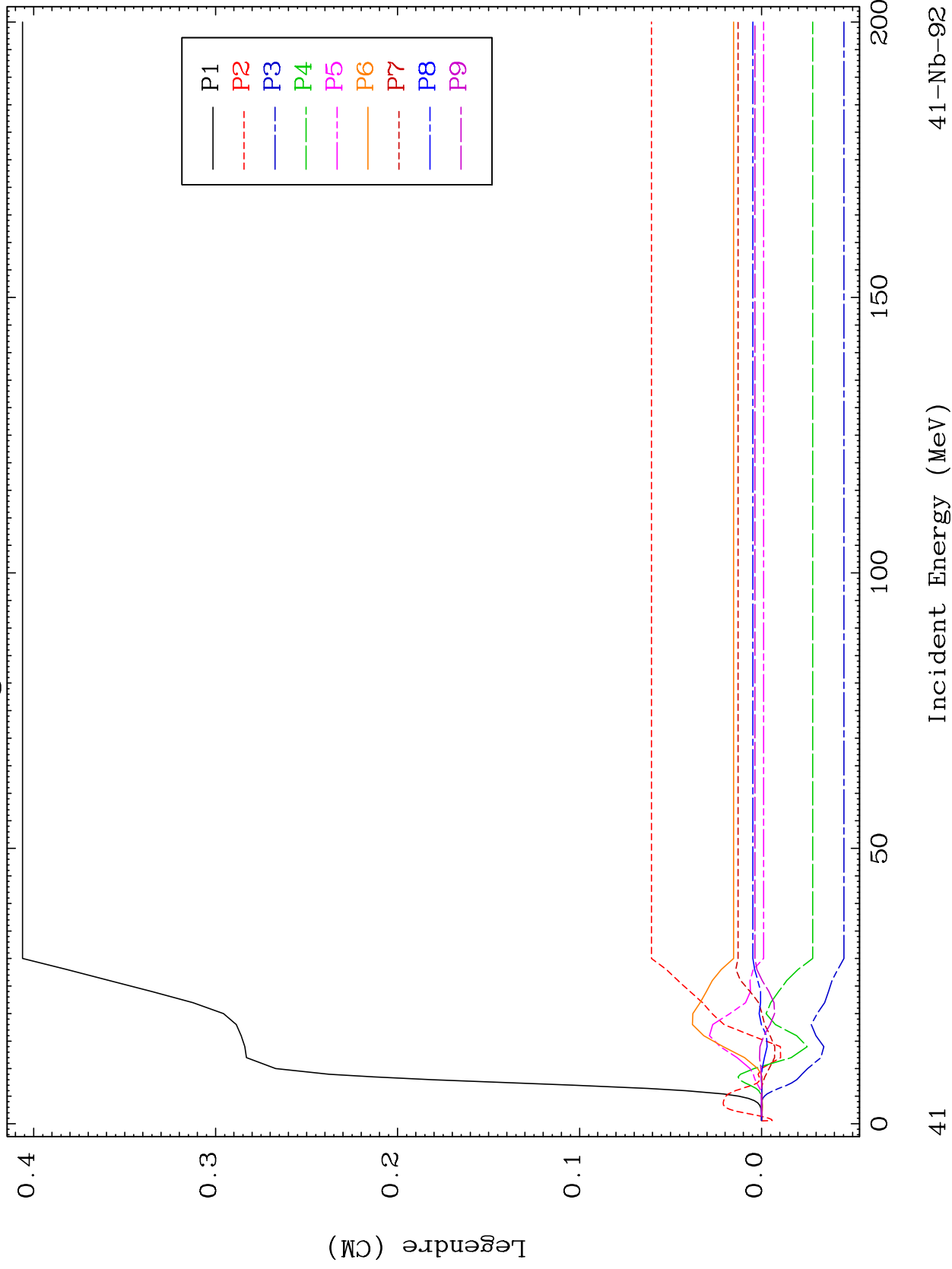
41-Nb-92



MAT 4122

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

41-Nb-92



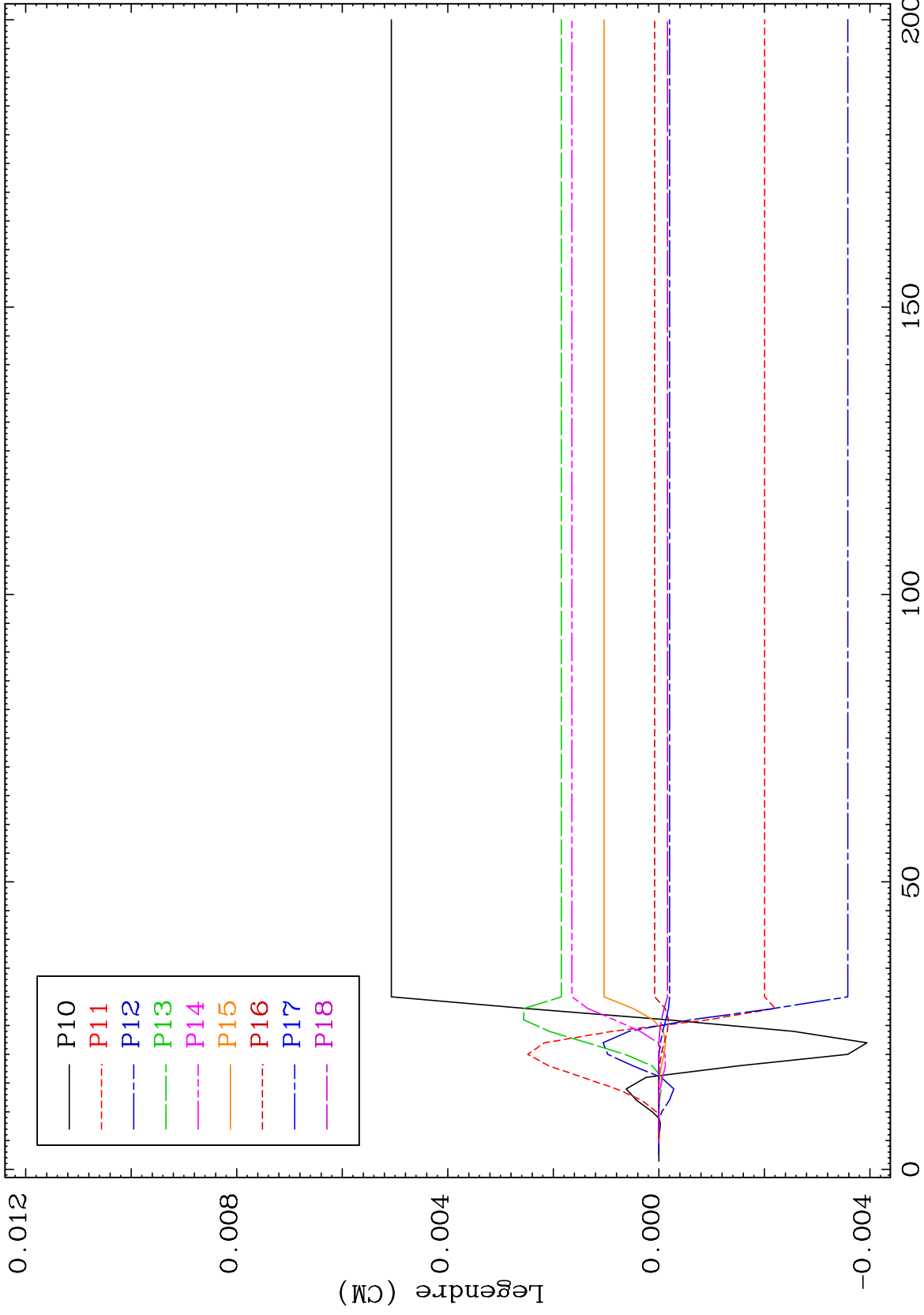
41

41-Nb-92

MAT 4122

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

41-Nb-92



42

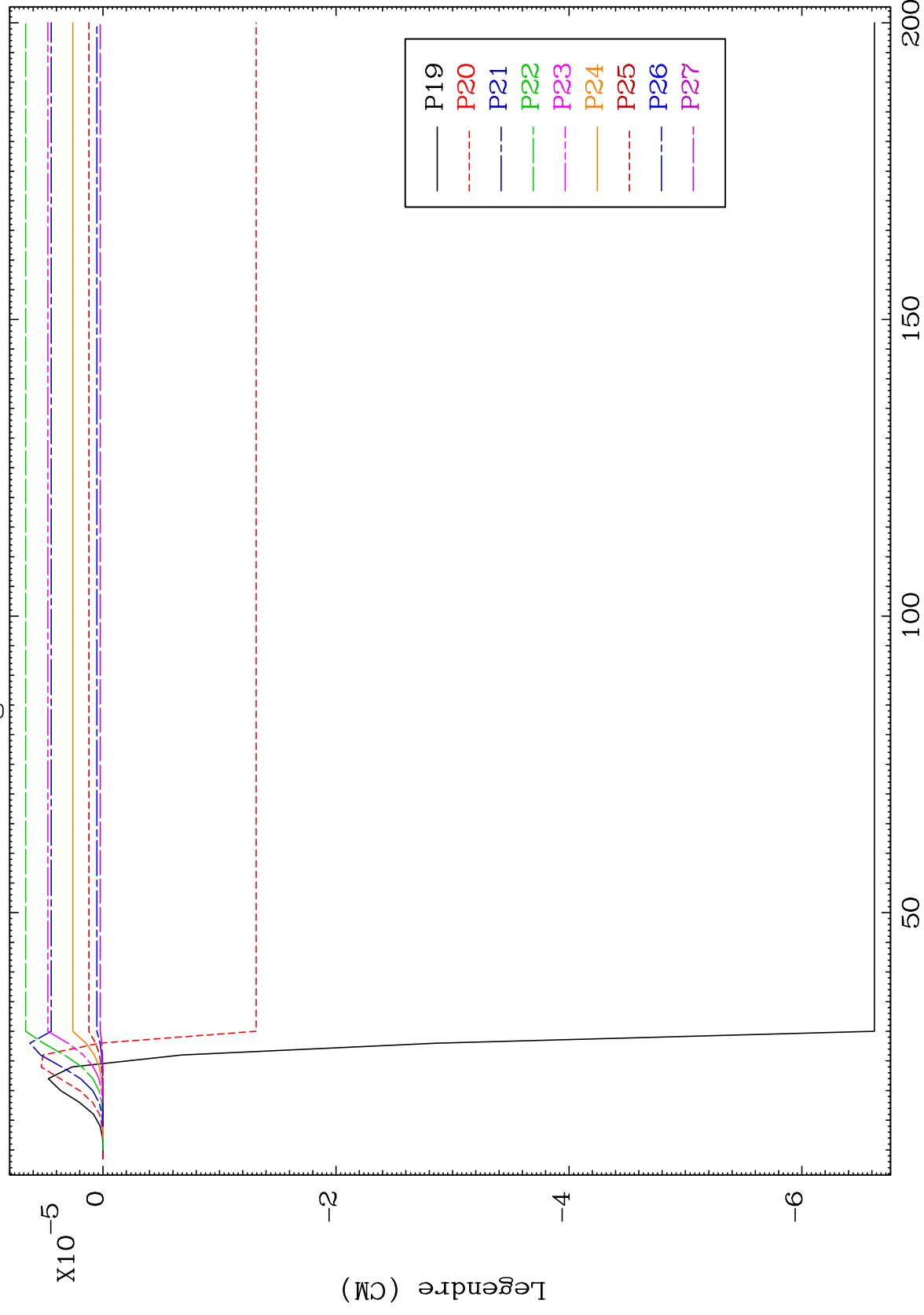
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



43

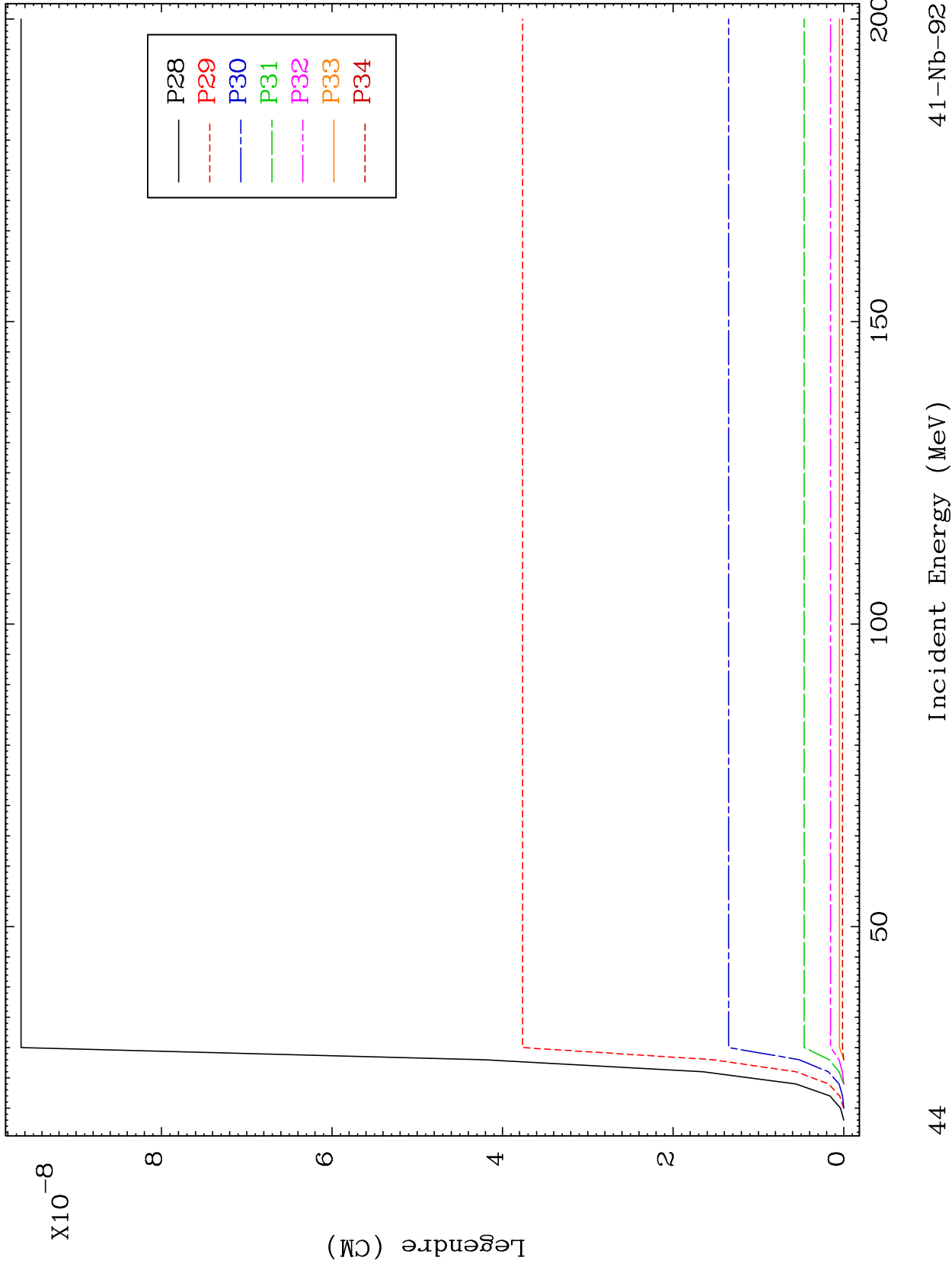
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



44

Incident Energy (MeV)

41-Nb-92

200

150

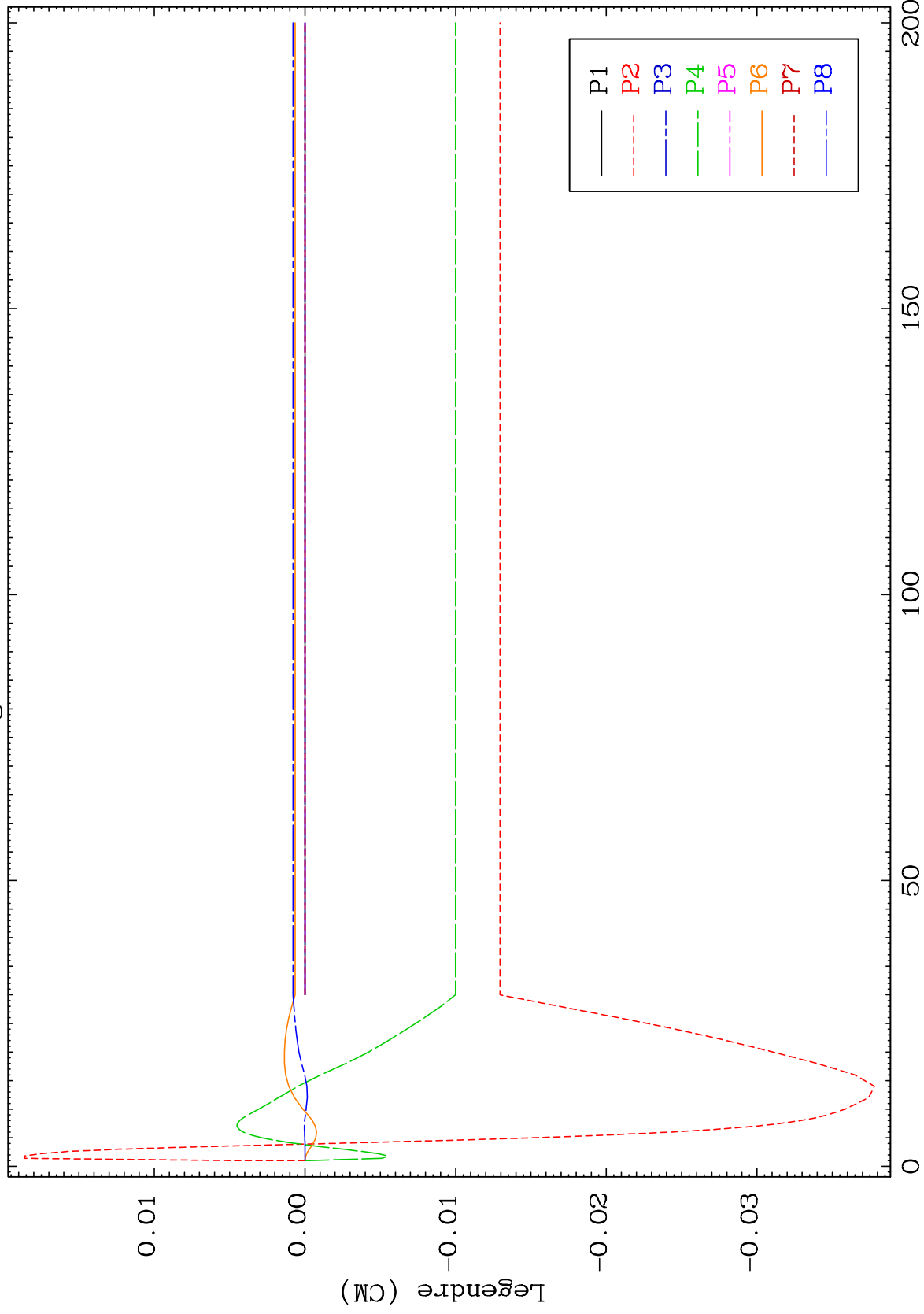
100

50

MAT 4122

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

41-Nb-92



45

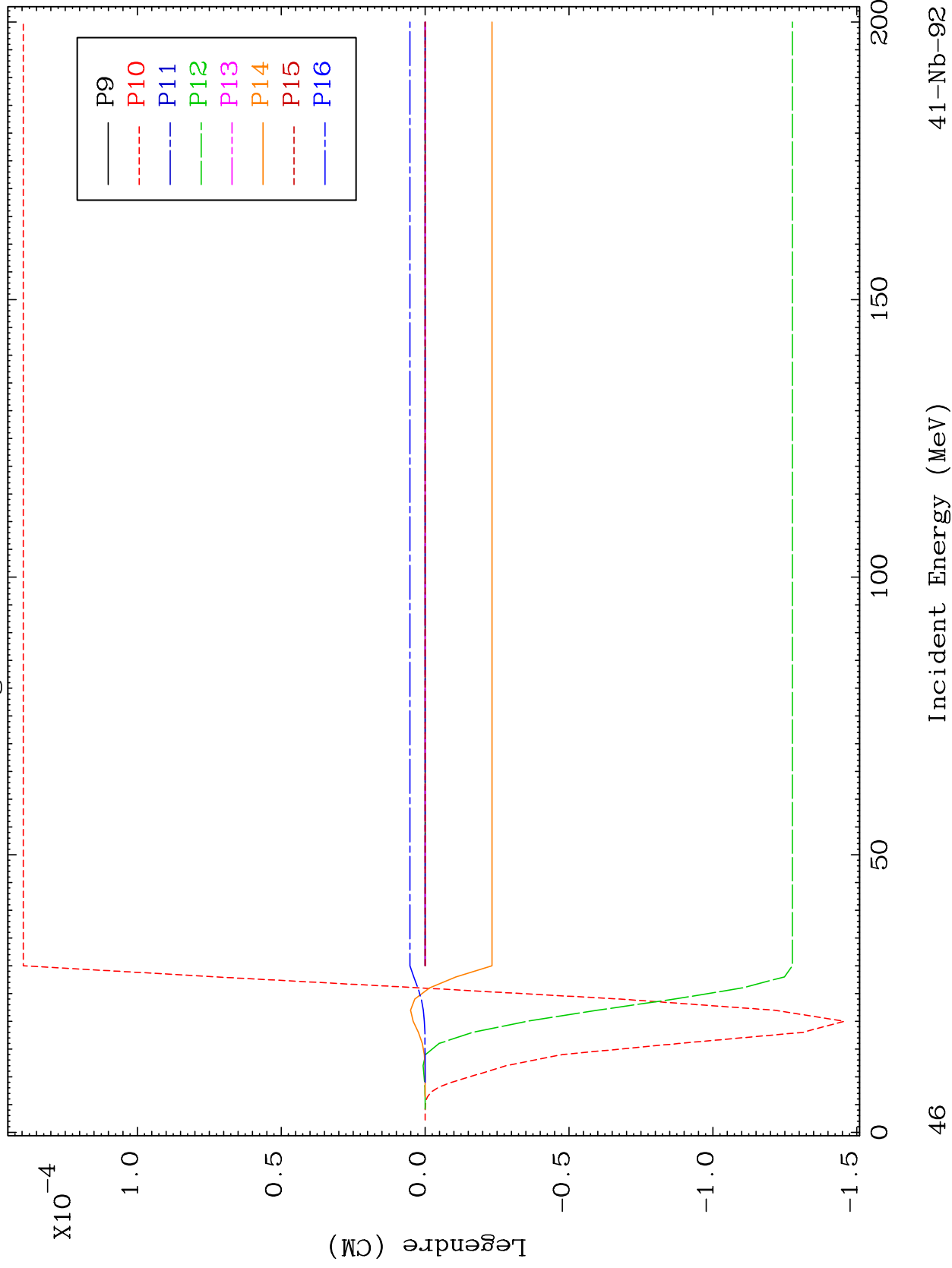
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

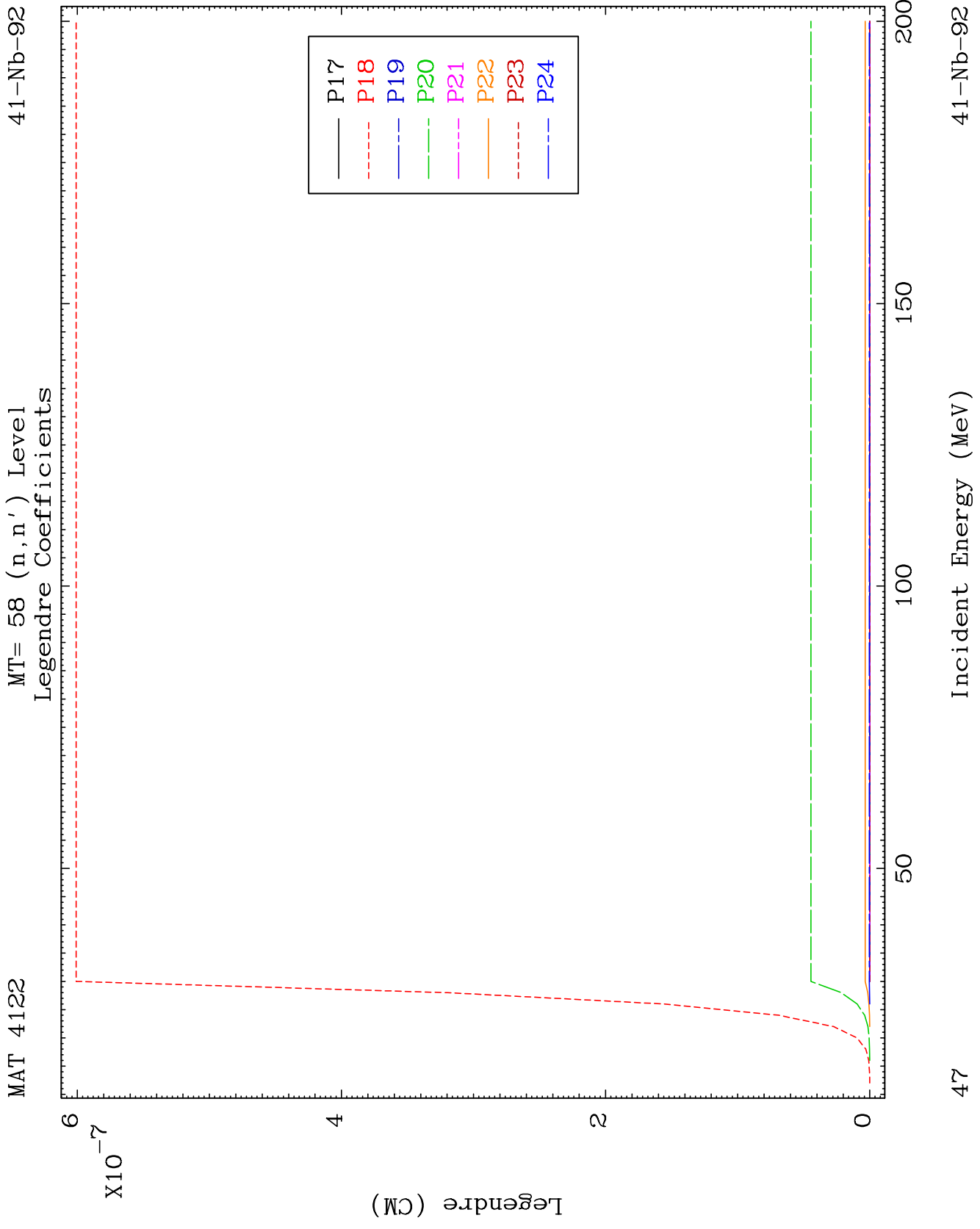
41-Nb-92



46

Incident Energy (MeV)

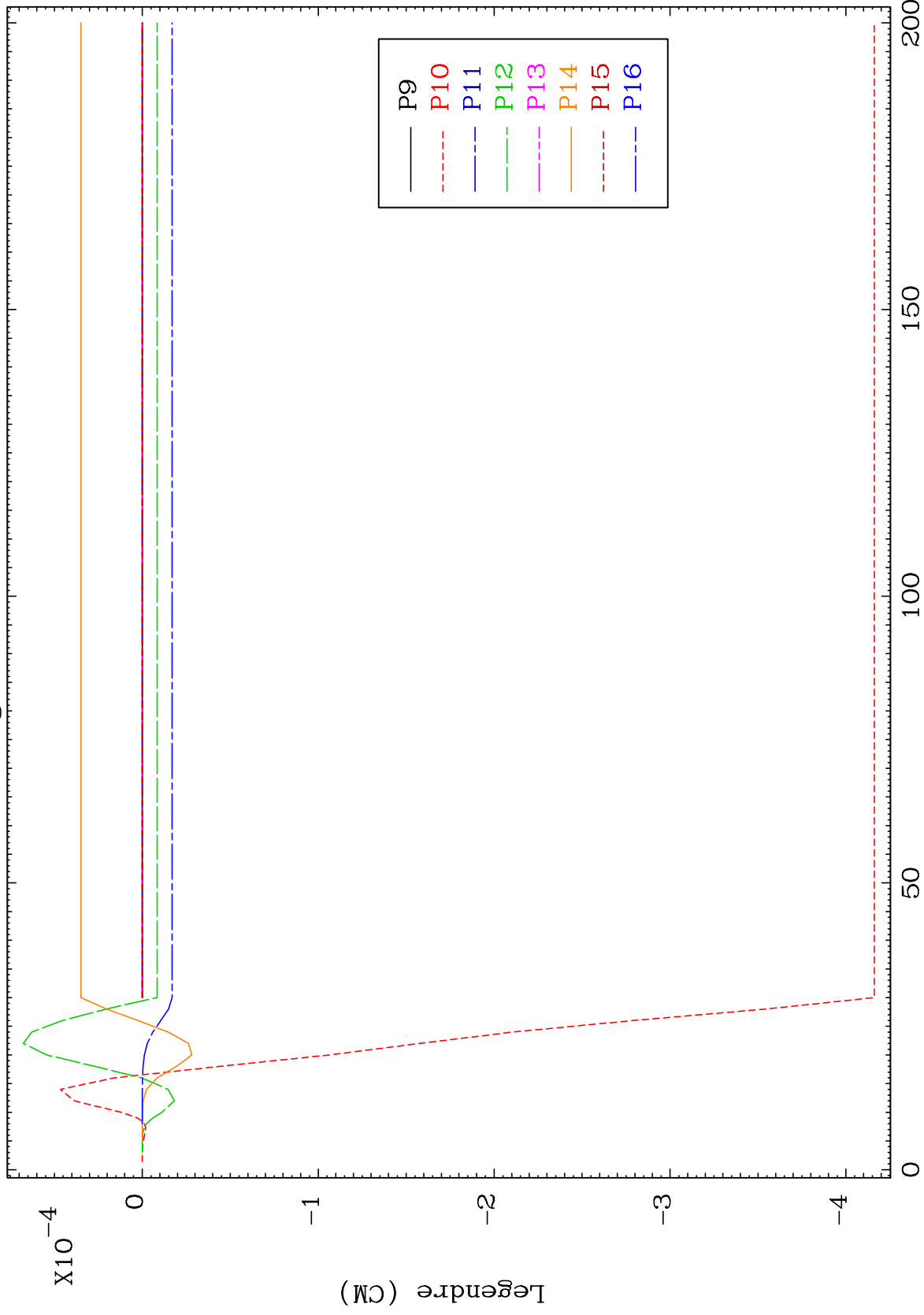
41-Nb-92



MAT 4122

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

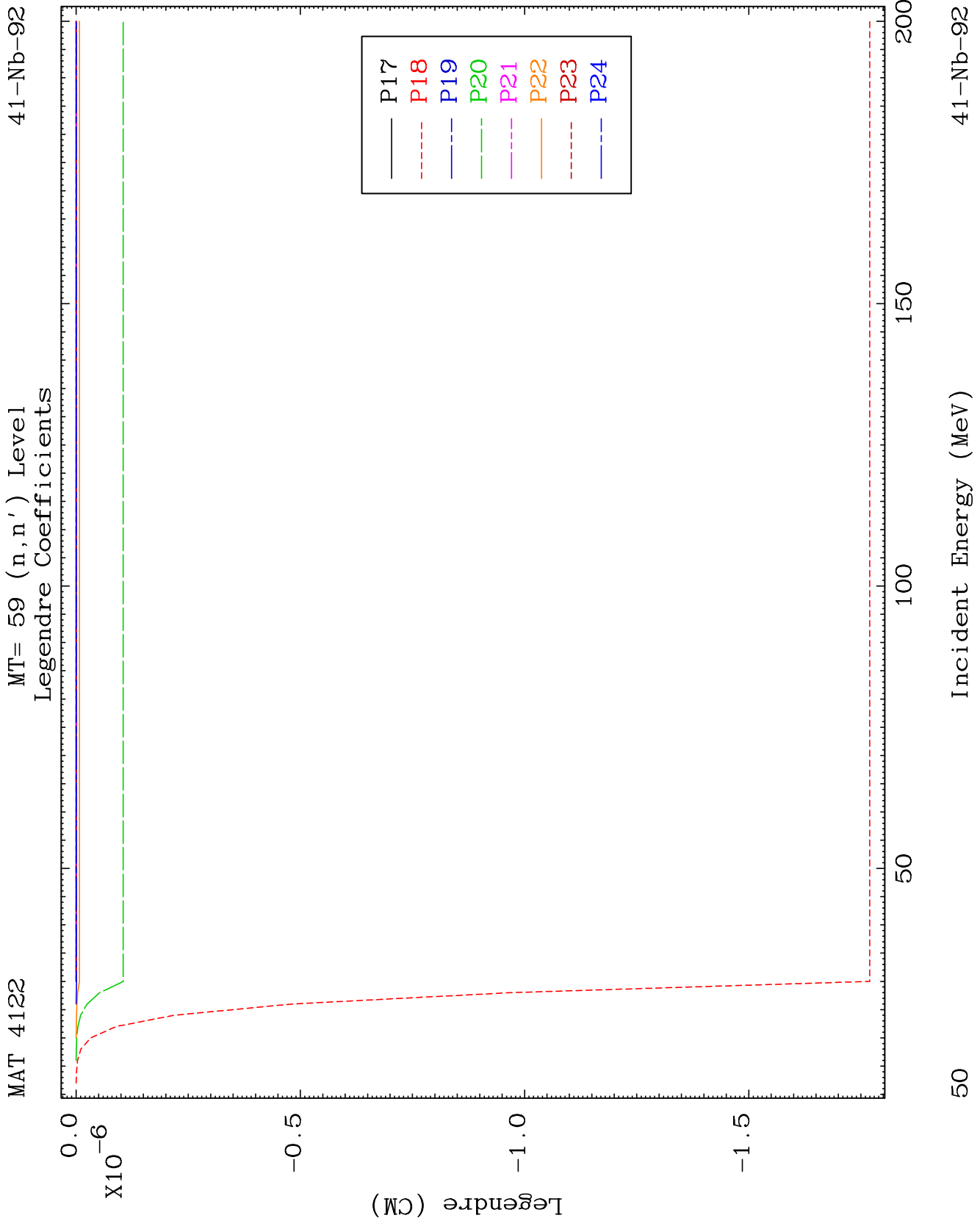
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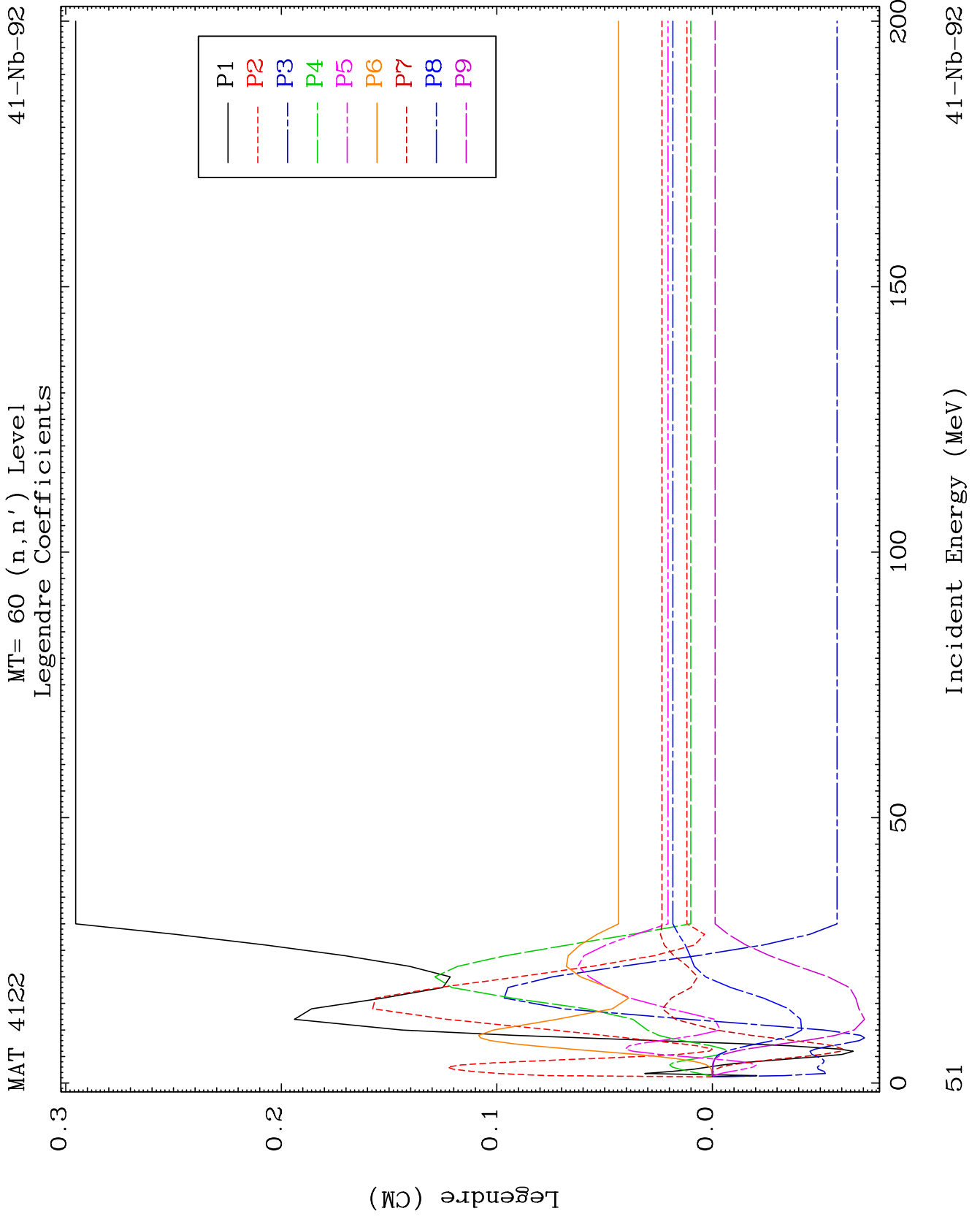


49

Incident Energy (MeV)

41-Nb-92

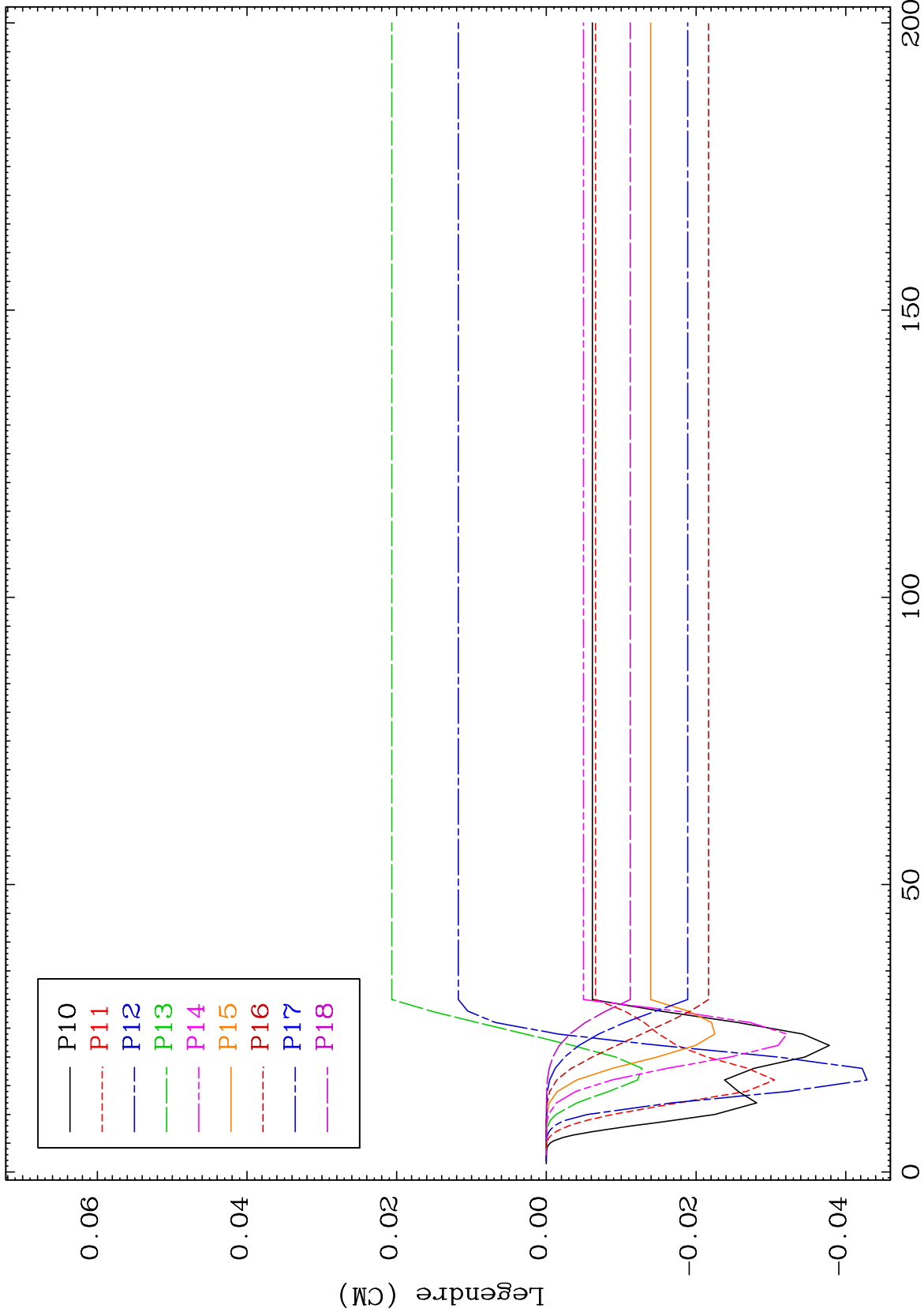




MAT 4122

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

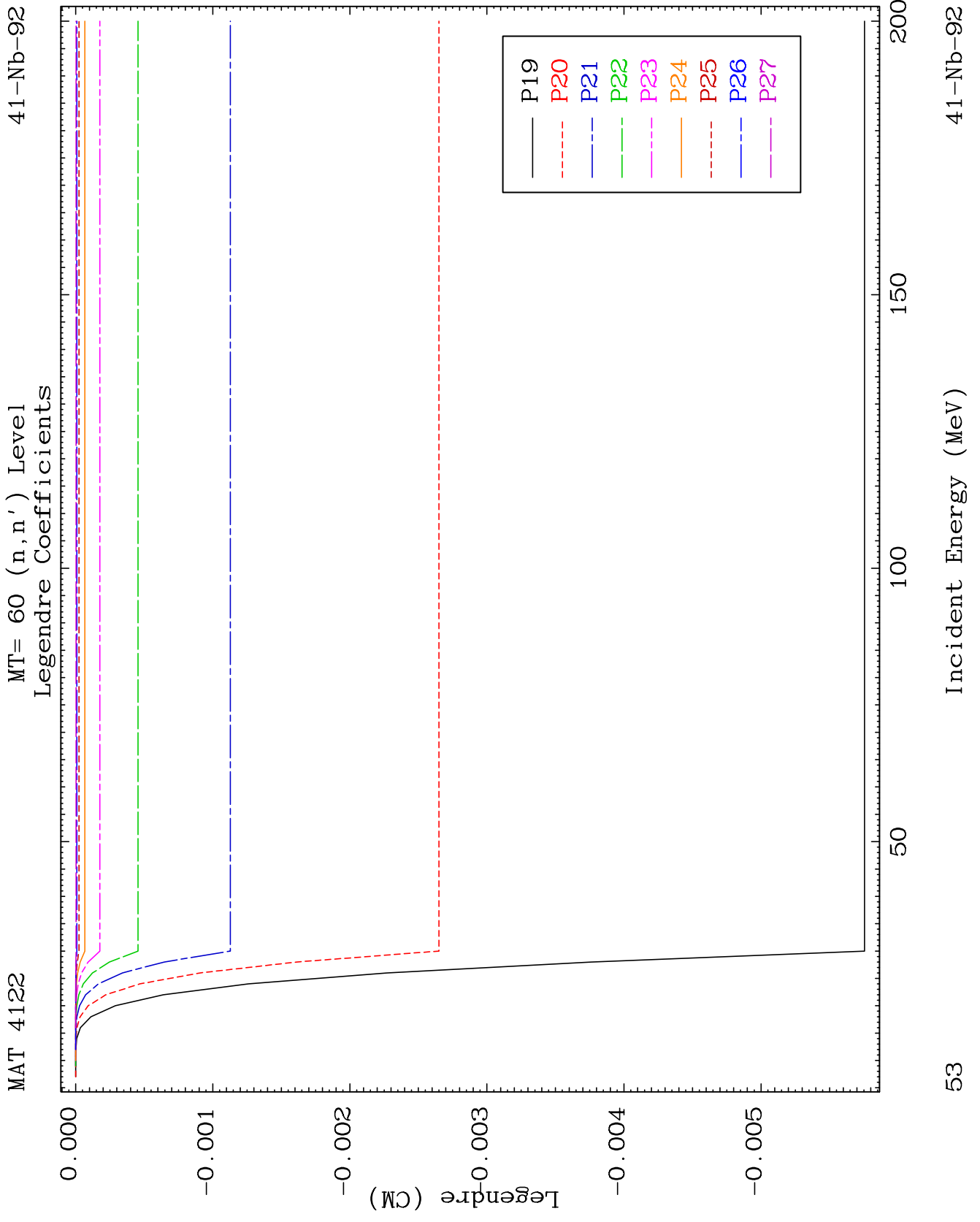
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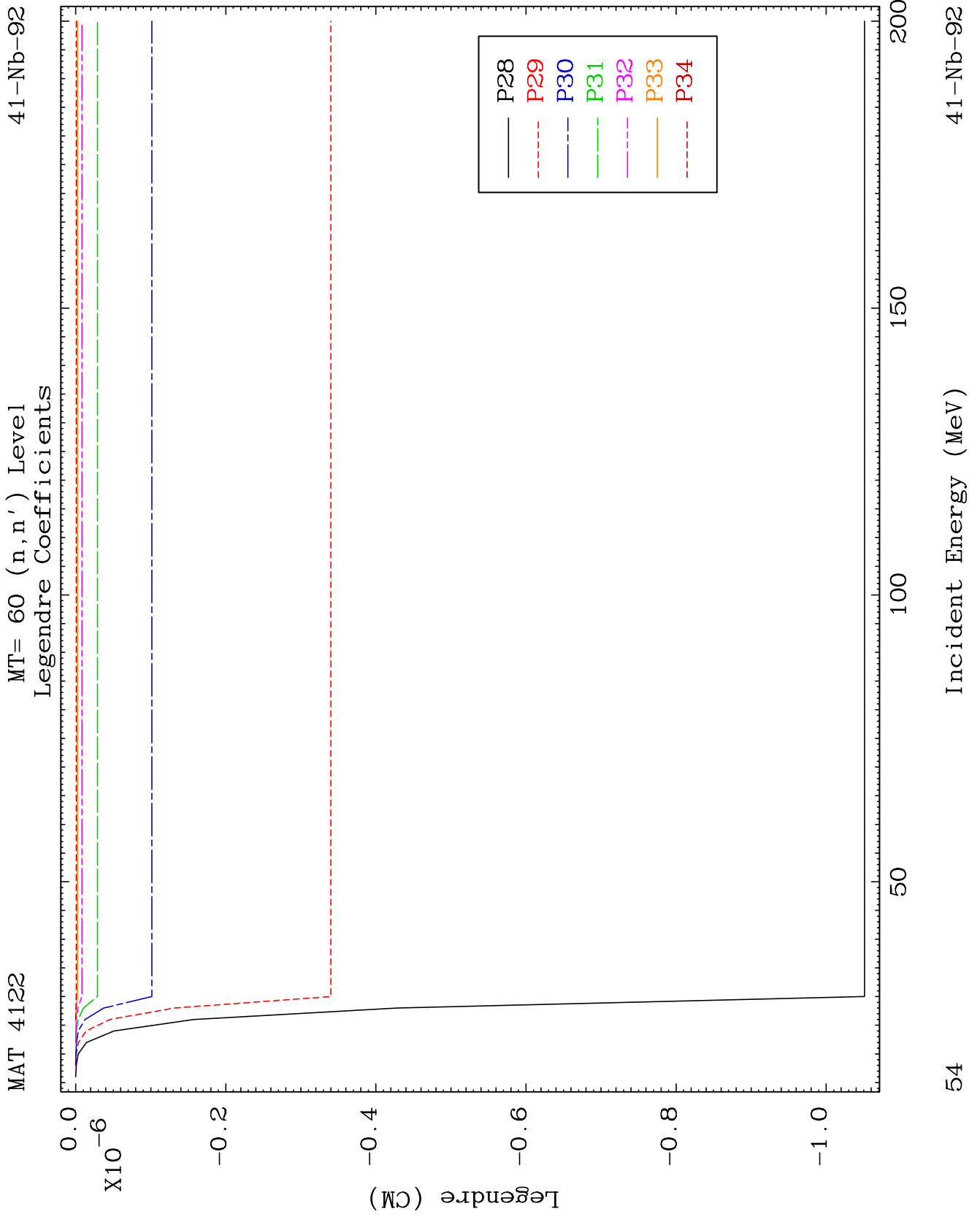


52

Incident Energy (MeV)

41-Nb-92

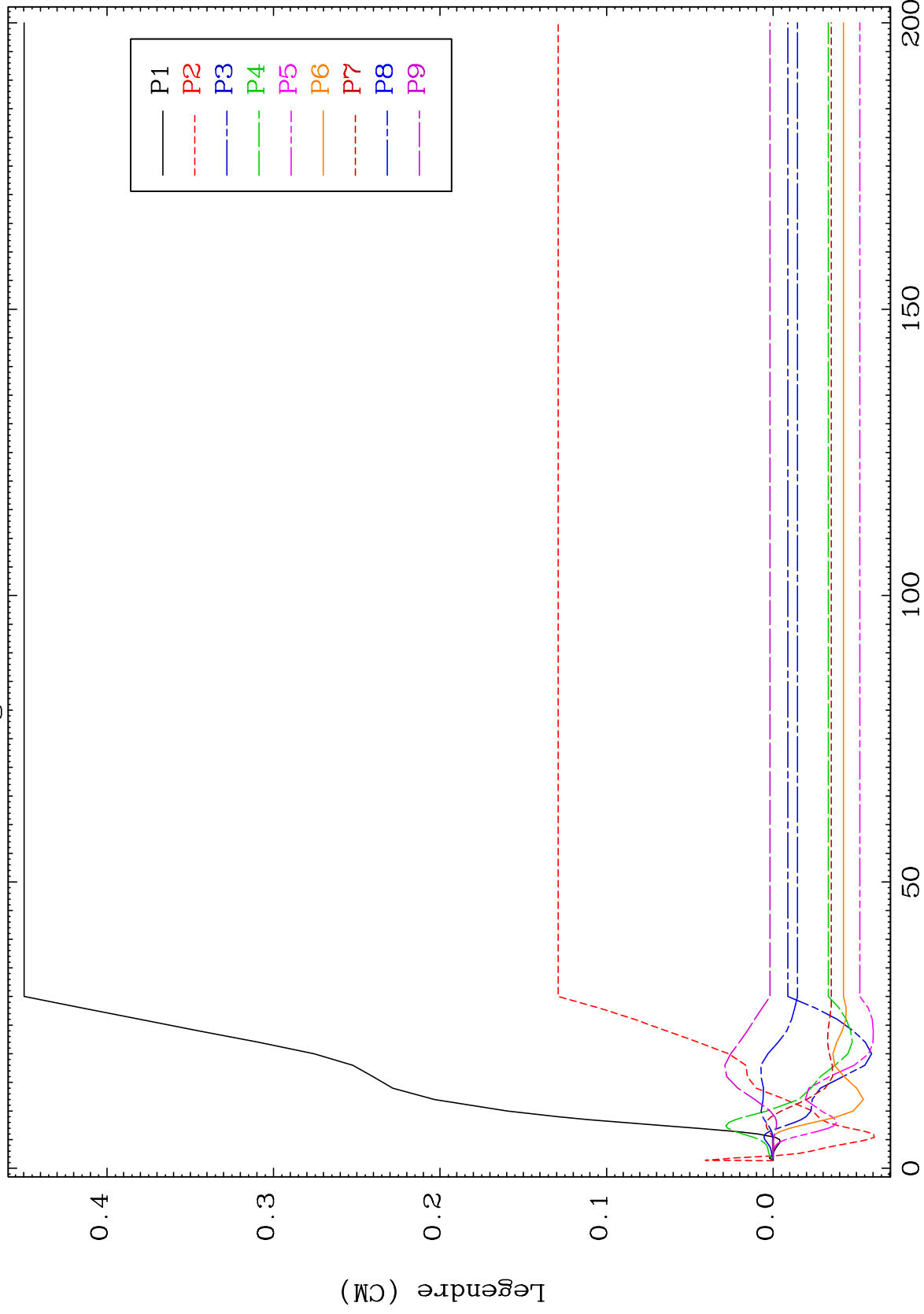




MAT 4122

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

41-Nb-92



41-Nb-92

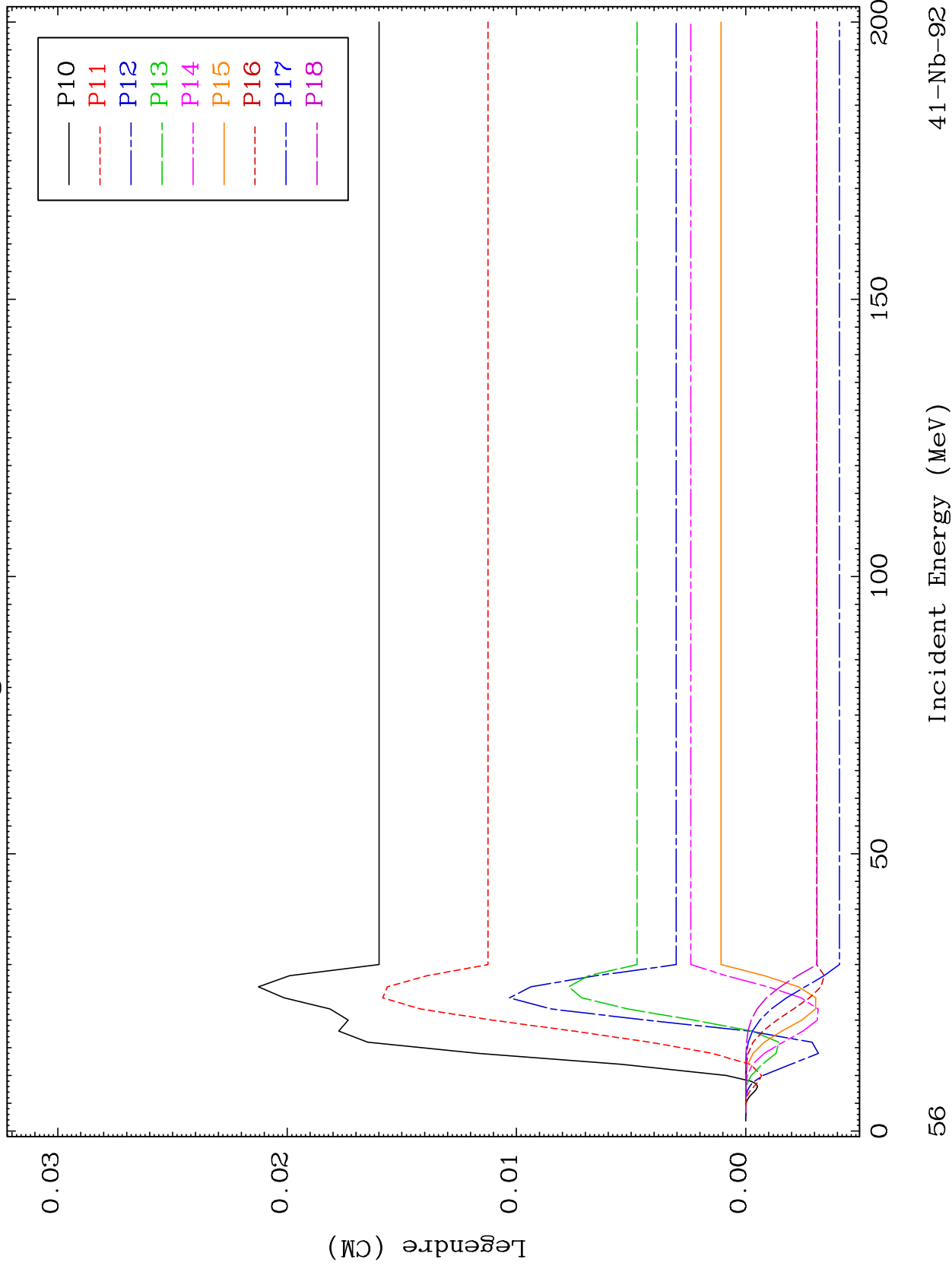
Incident Energy (MeV)

55

MAT 4122

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

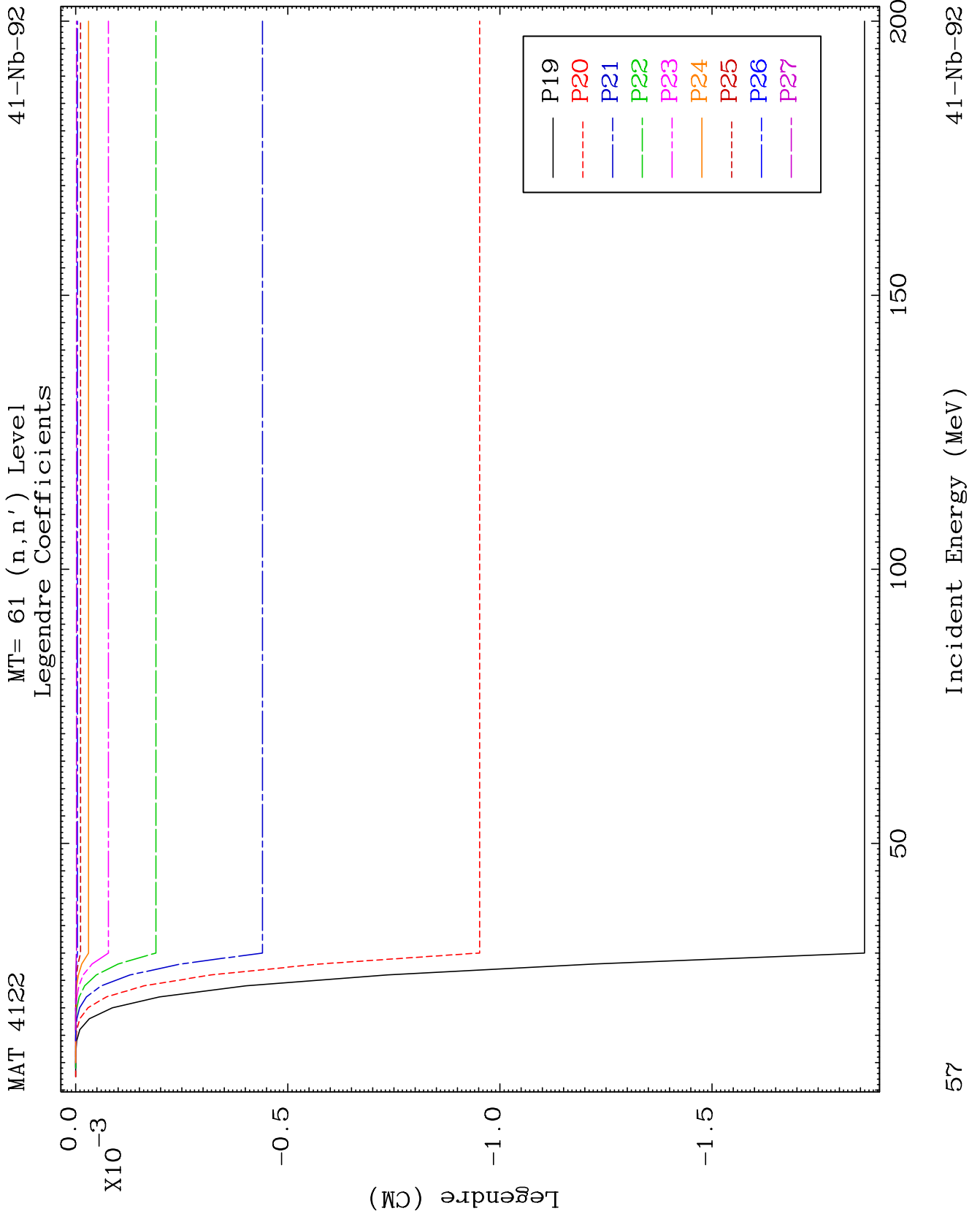
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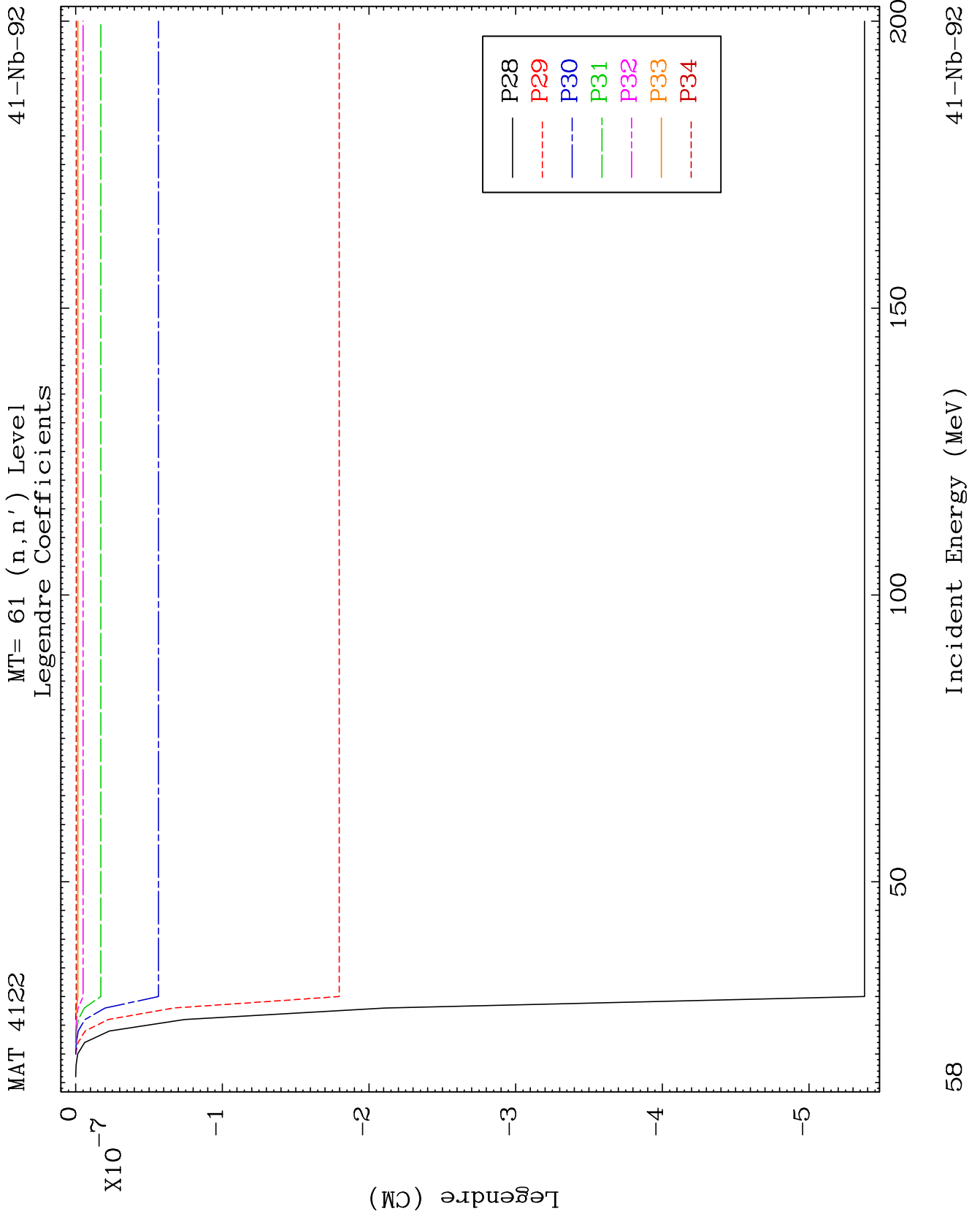


41-Nb-92

Incident Energy (MeV)

56

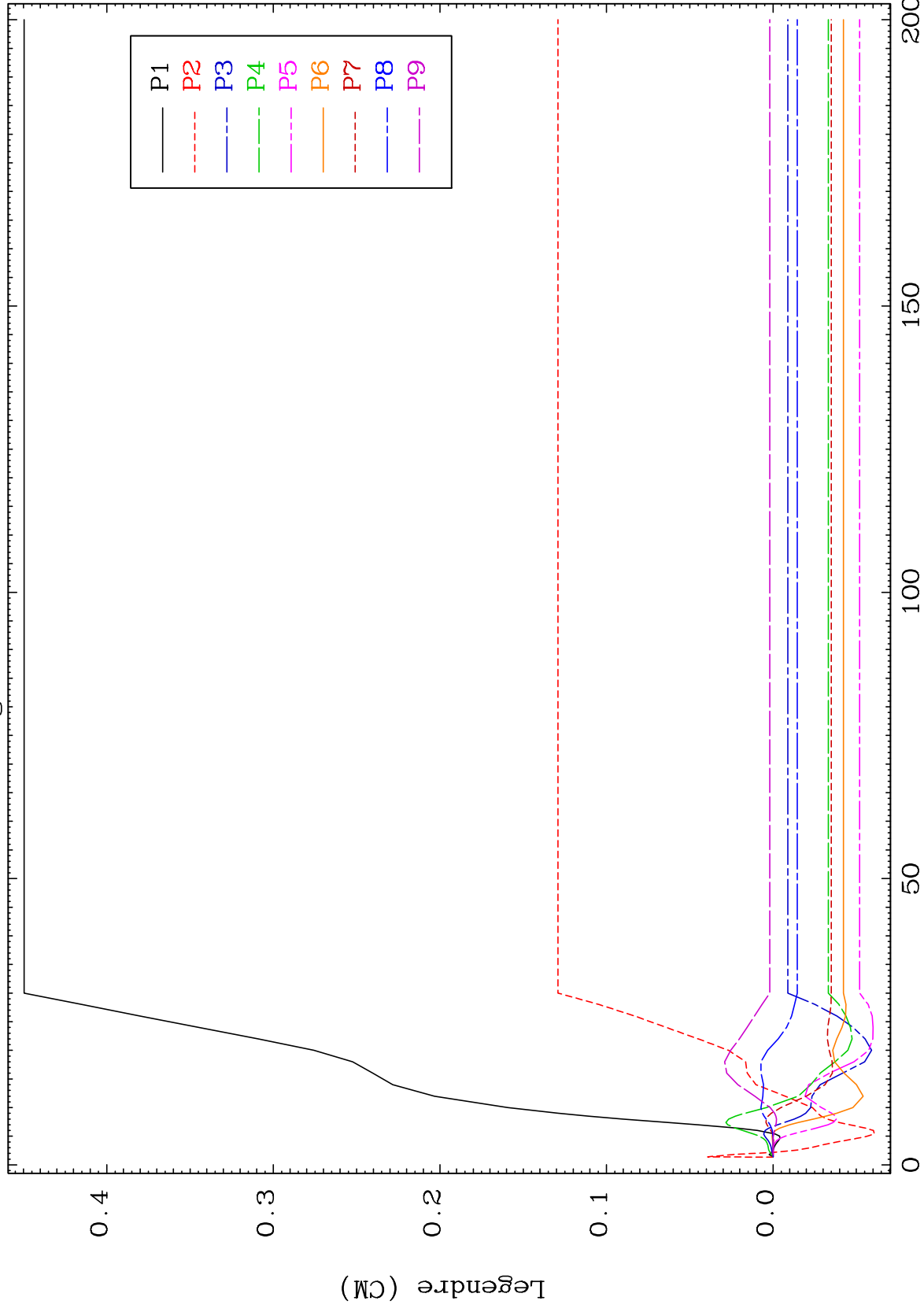




MAT 4122

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

41-Nb-92



59

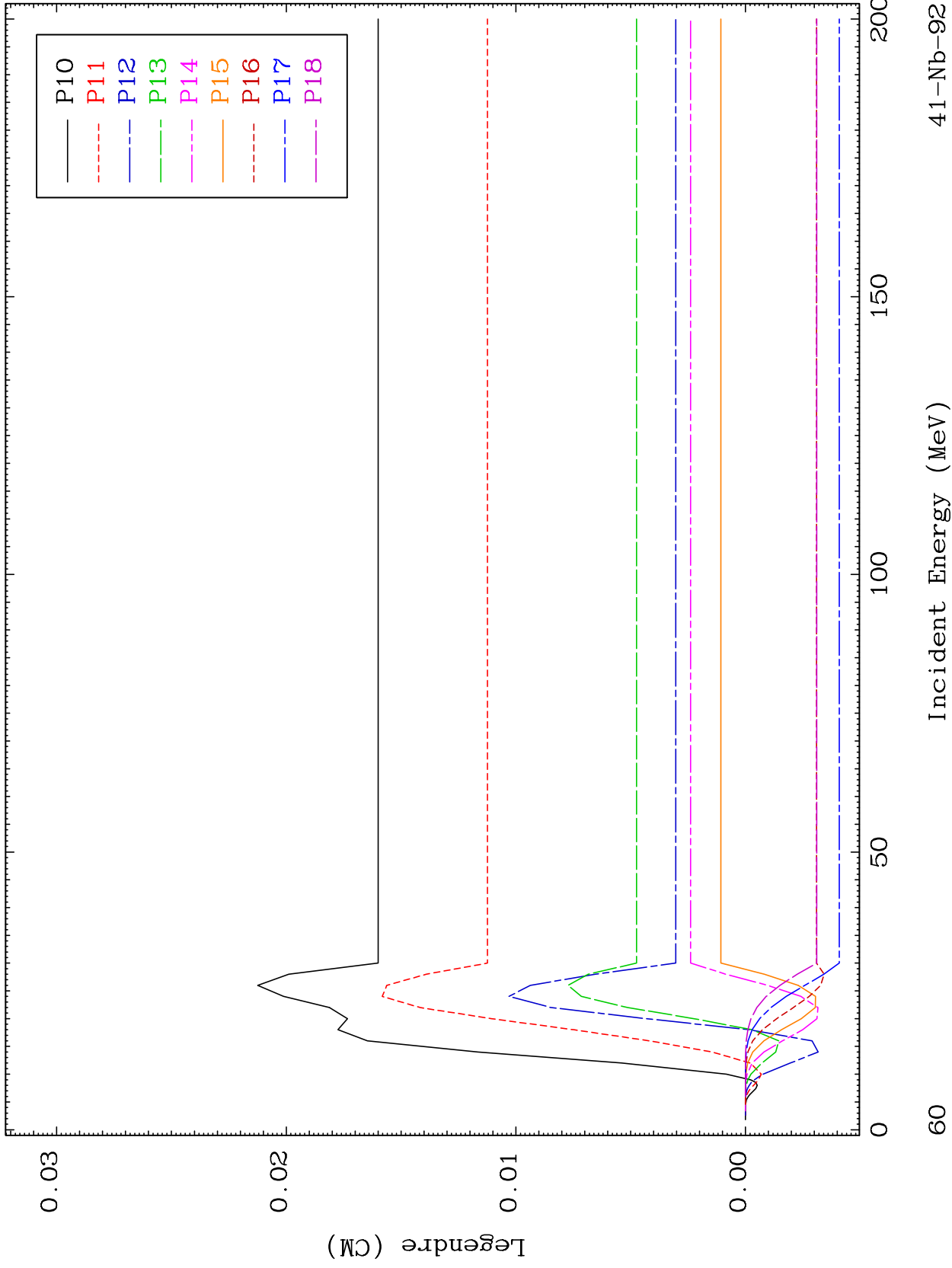
Incident Energy (MeV)

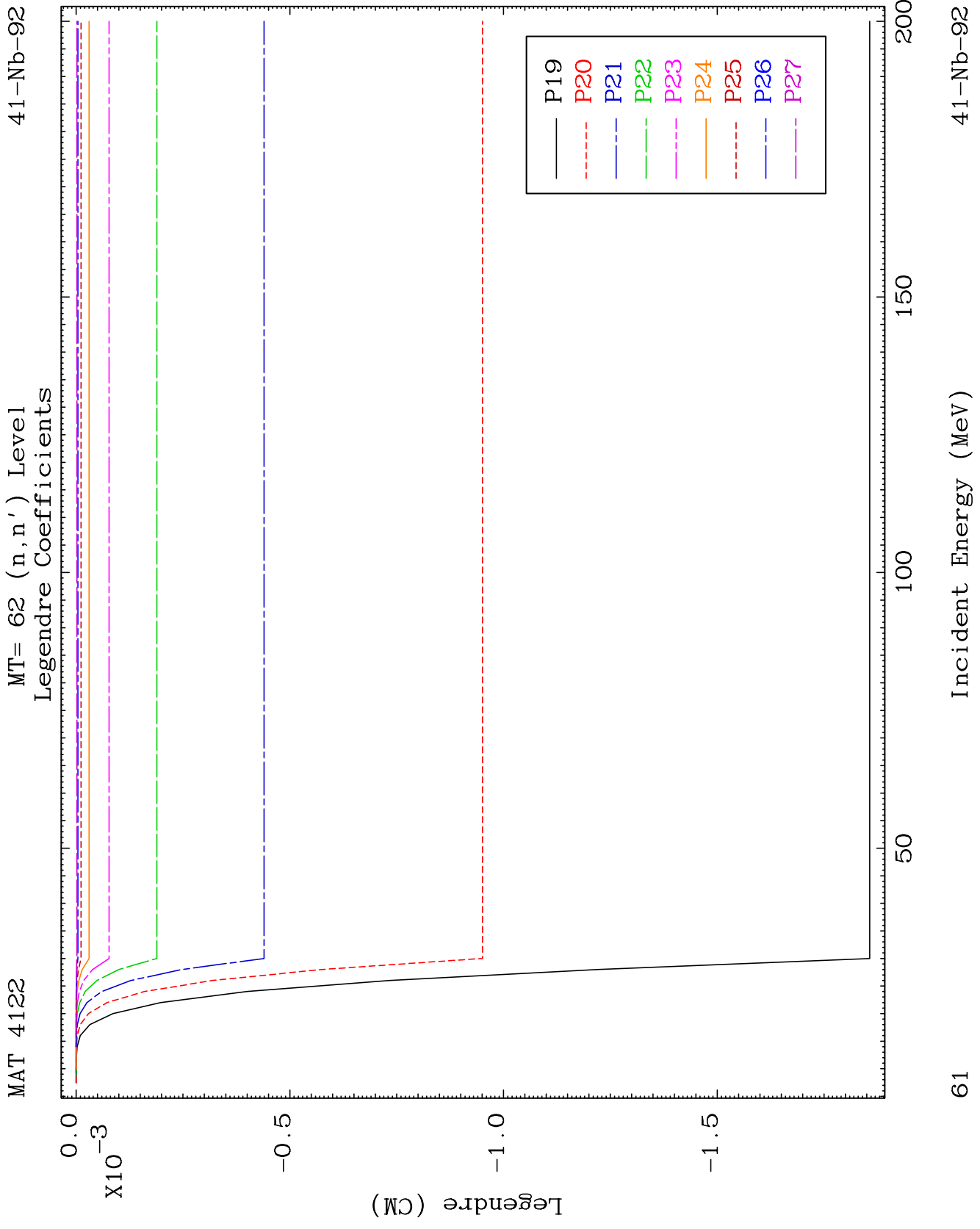
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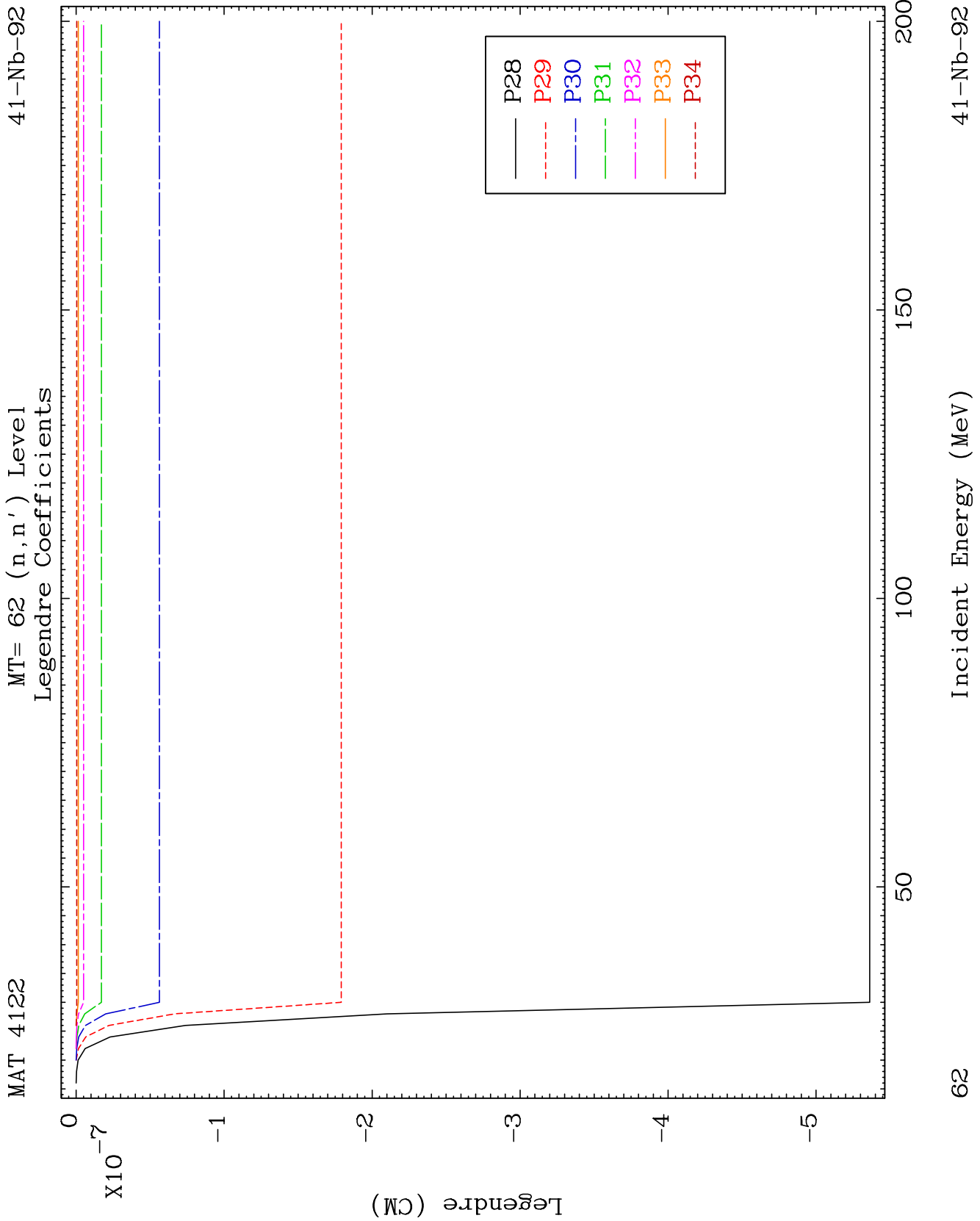
MAT 4122

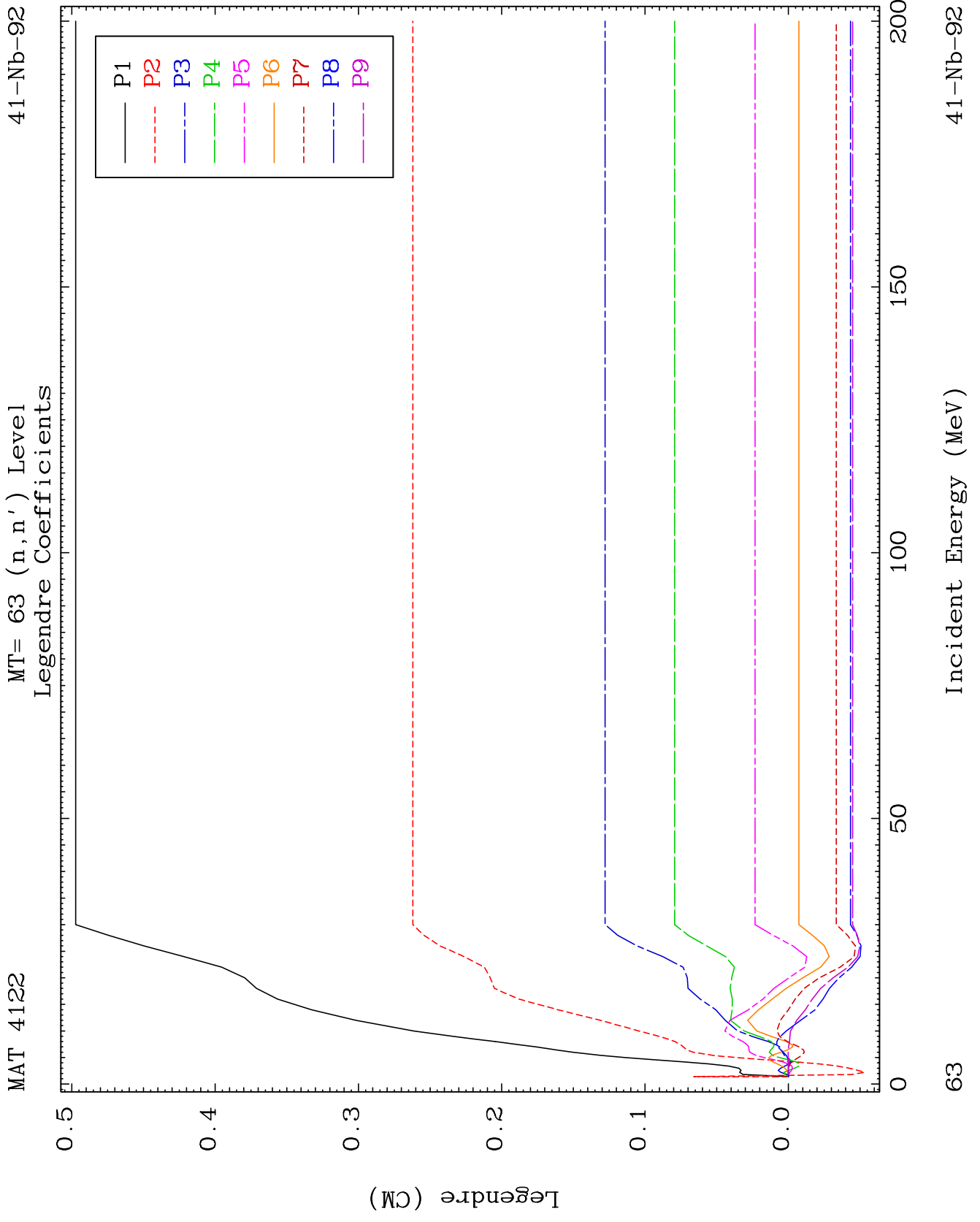
MT= 62 (n,n') Level
Legendre Coefficients

41-Nb-92





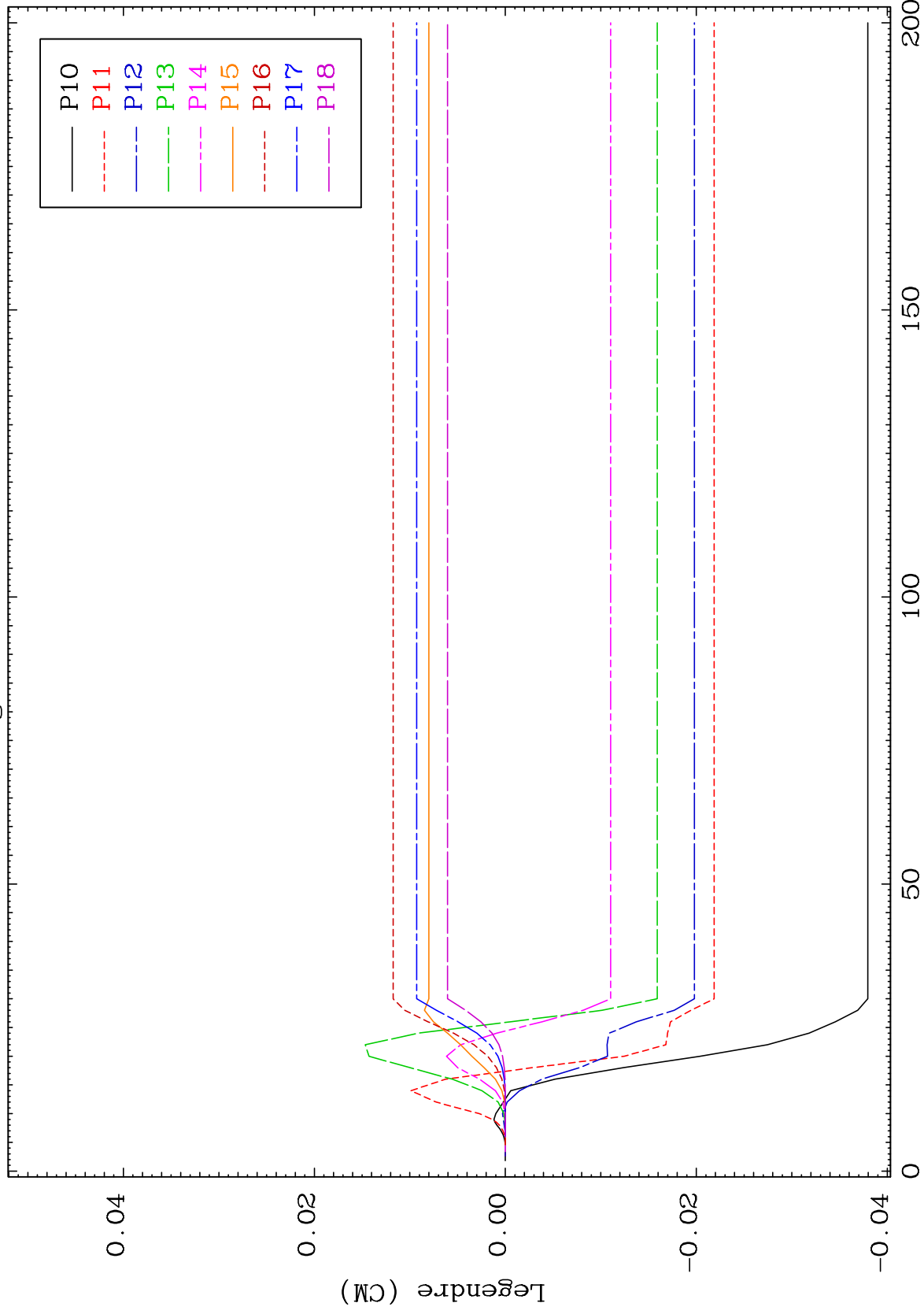




MAT 4122

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

41-Nb-92



64

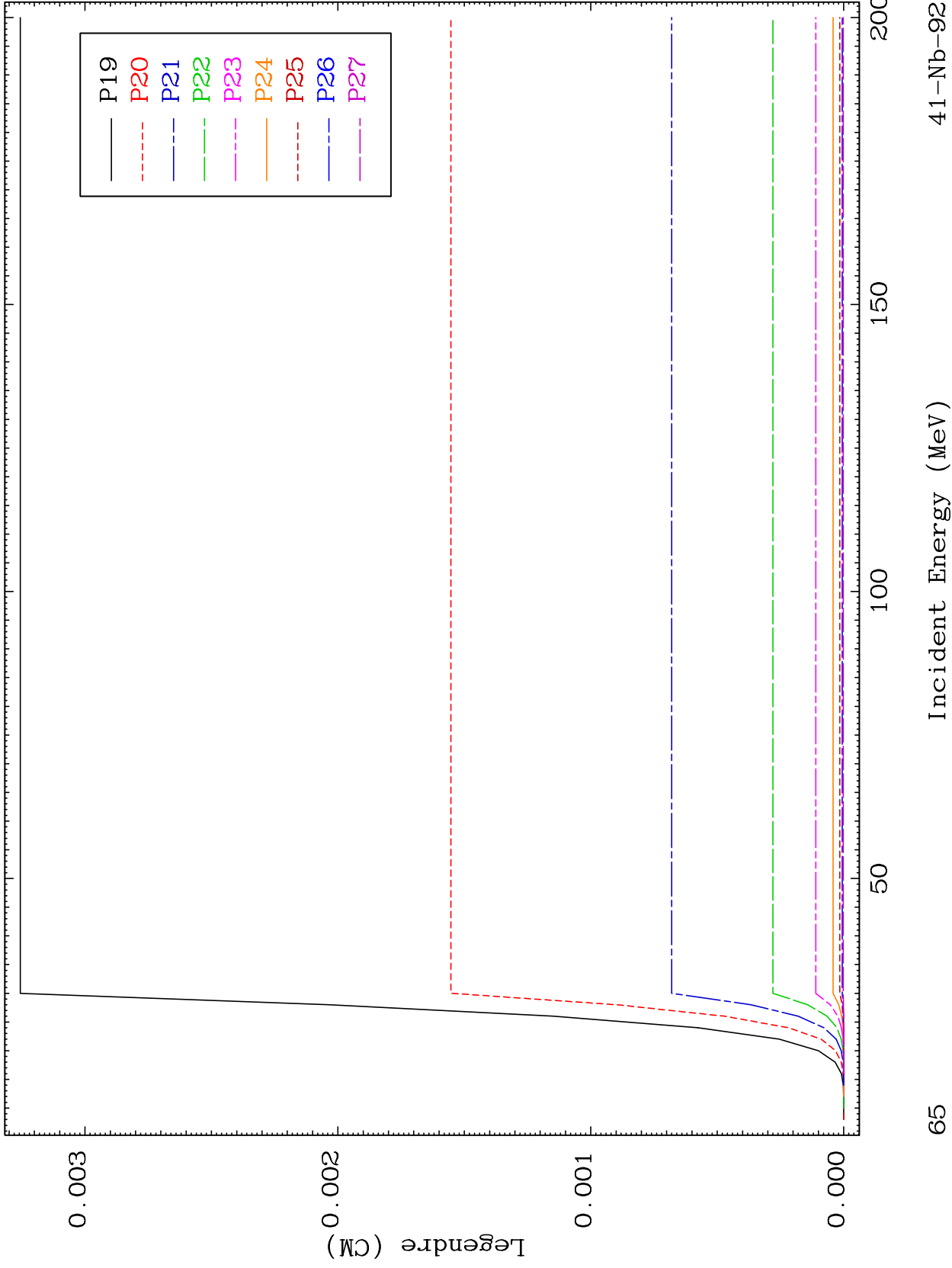
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



65

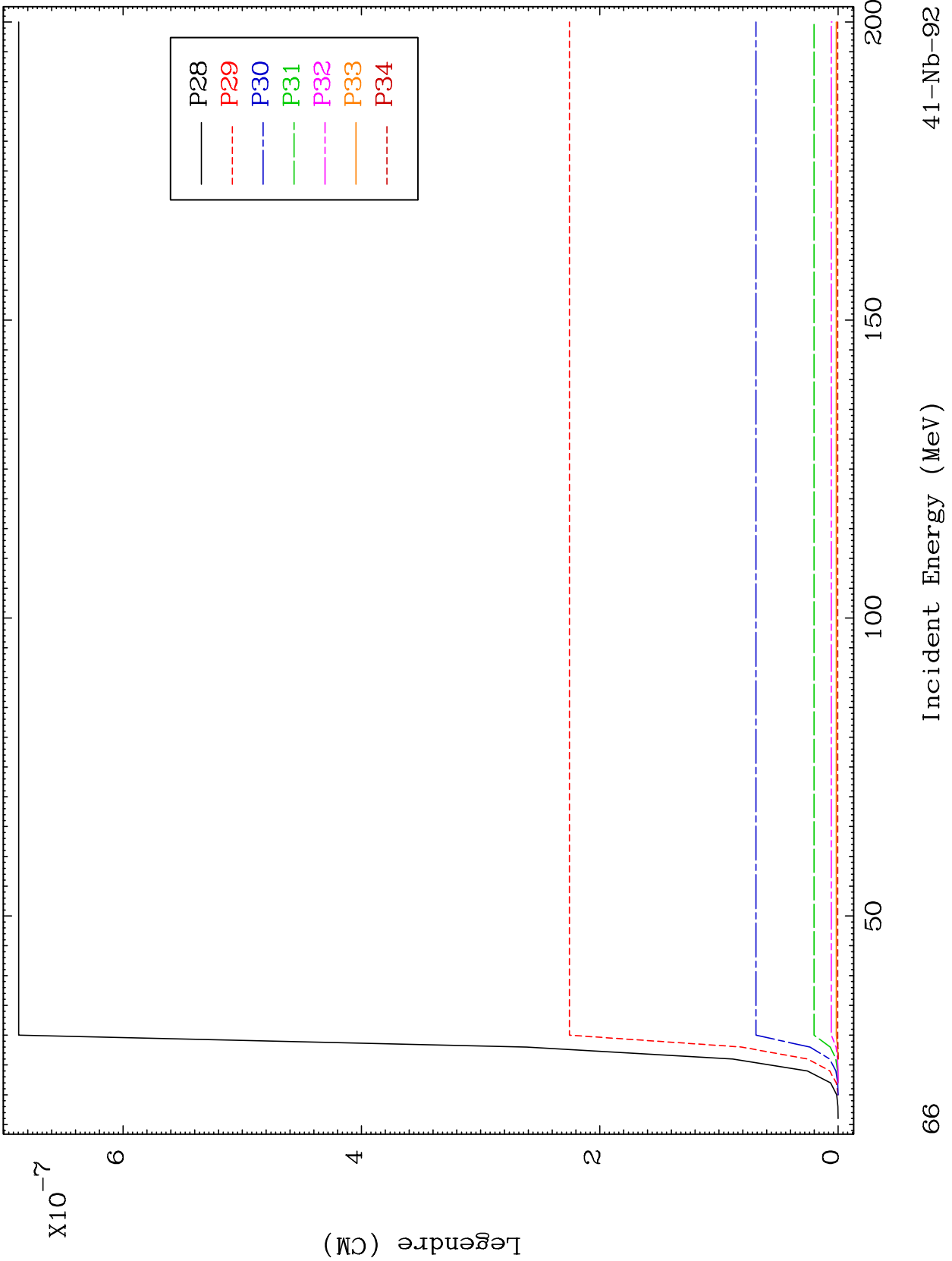
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



66

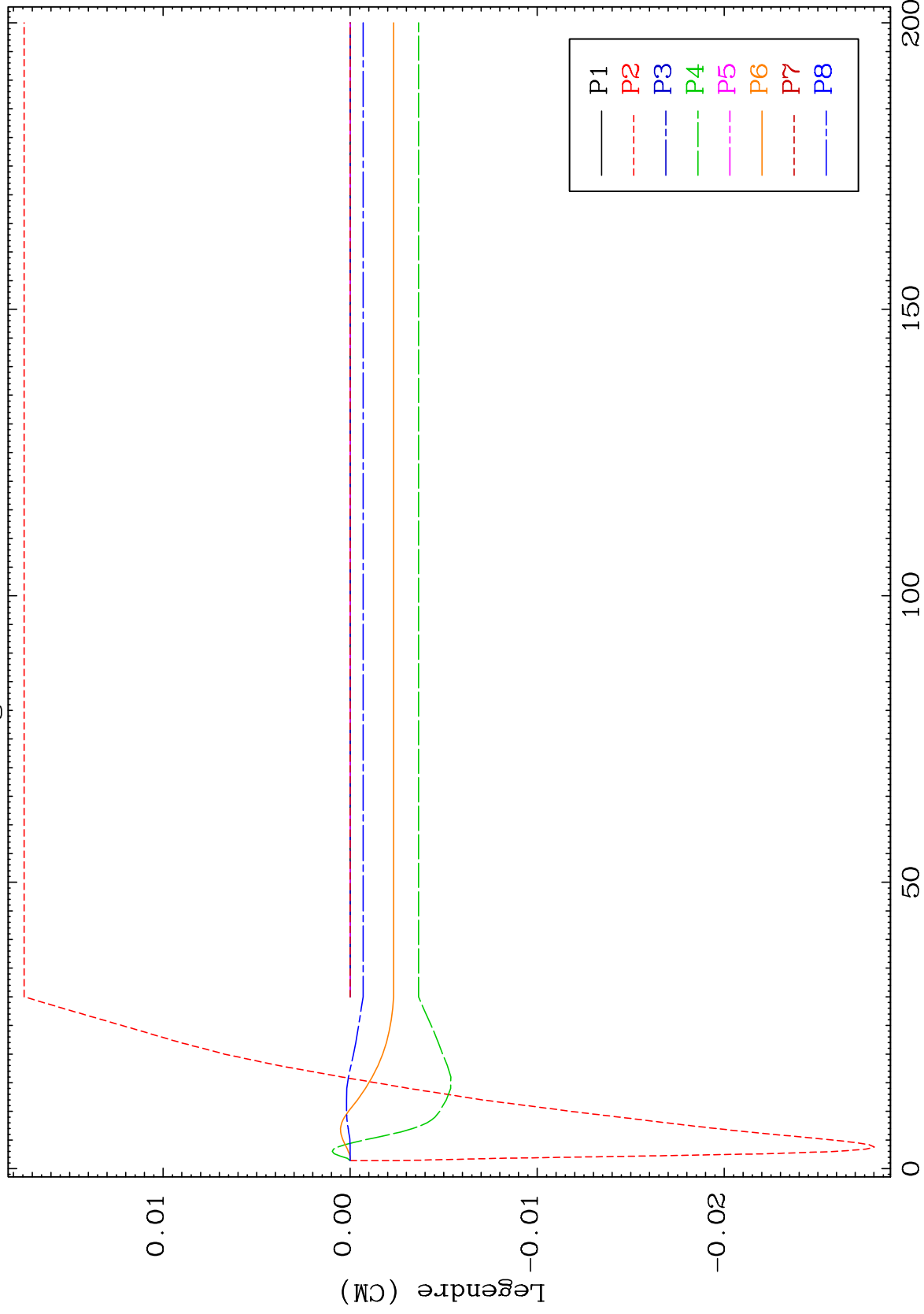
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



41-Nb-92

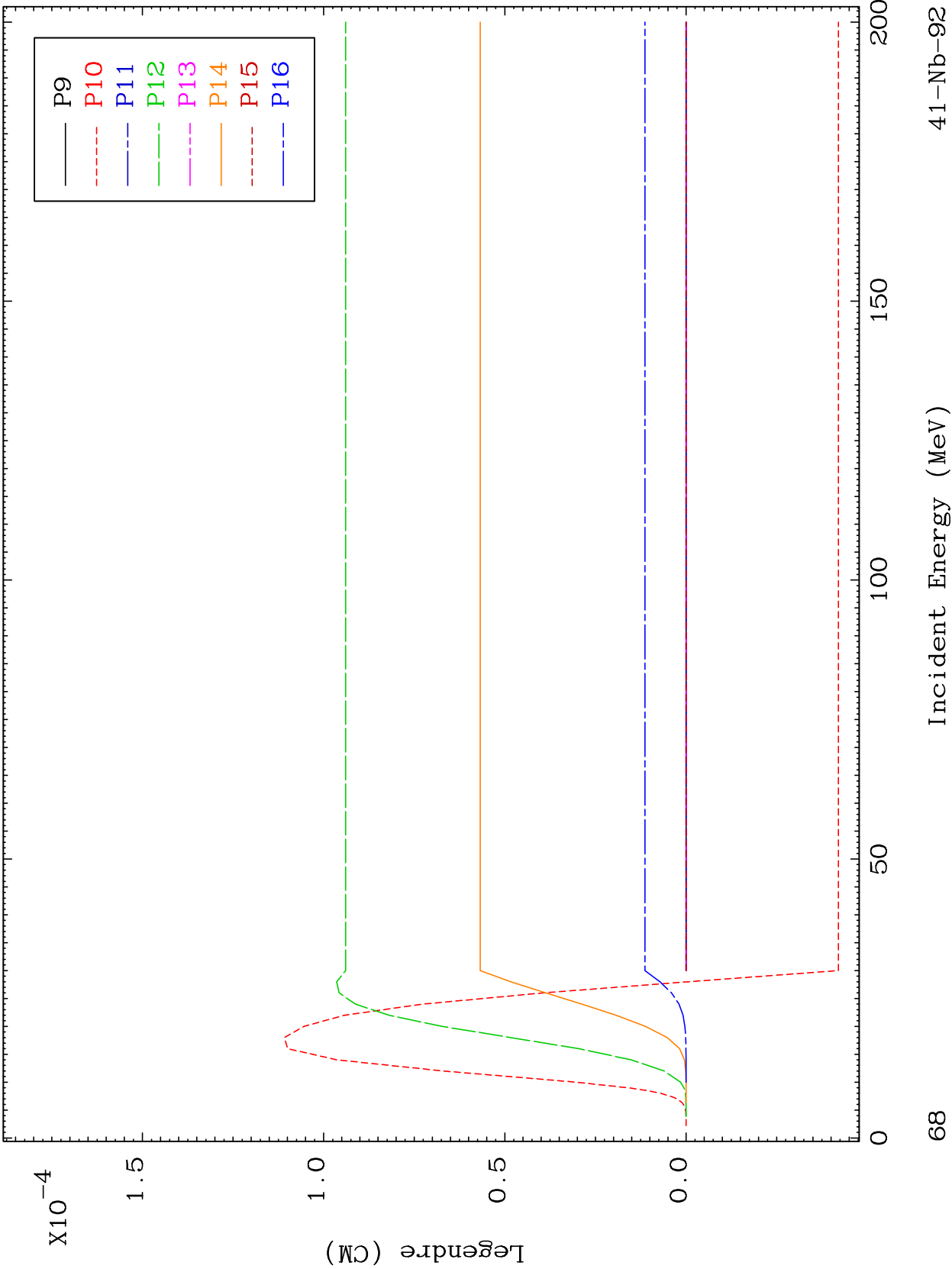
Incident Energy (MeV)

67

MAT 4122

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

41-Nb-92



68

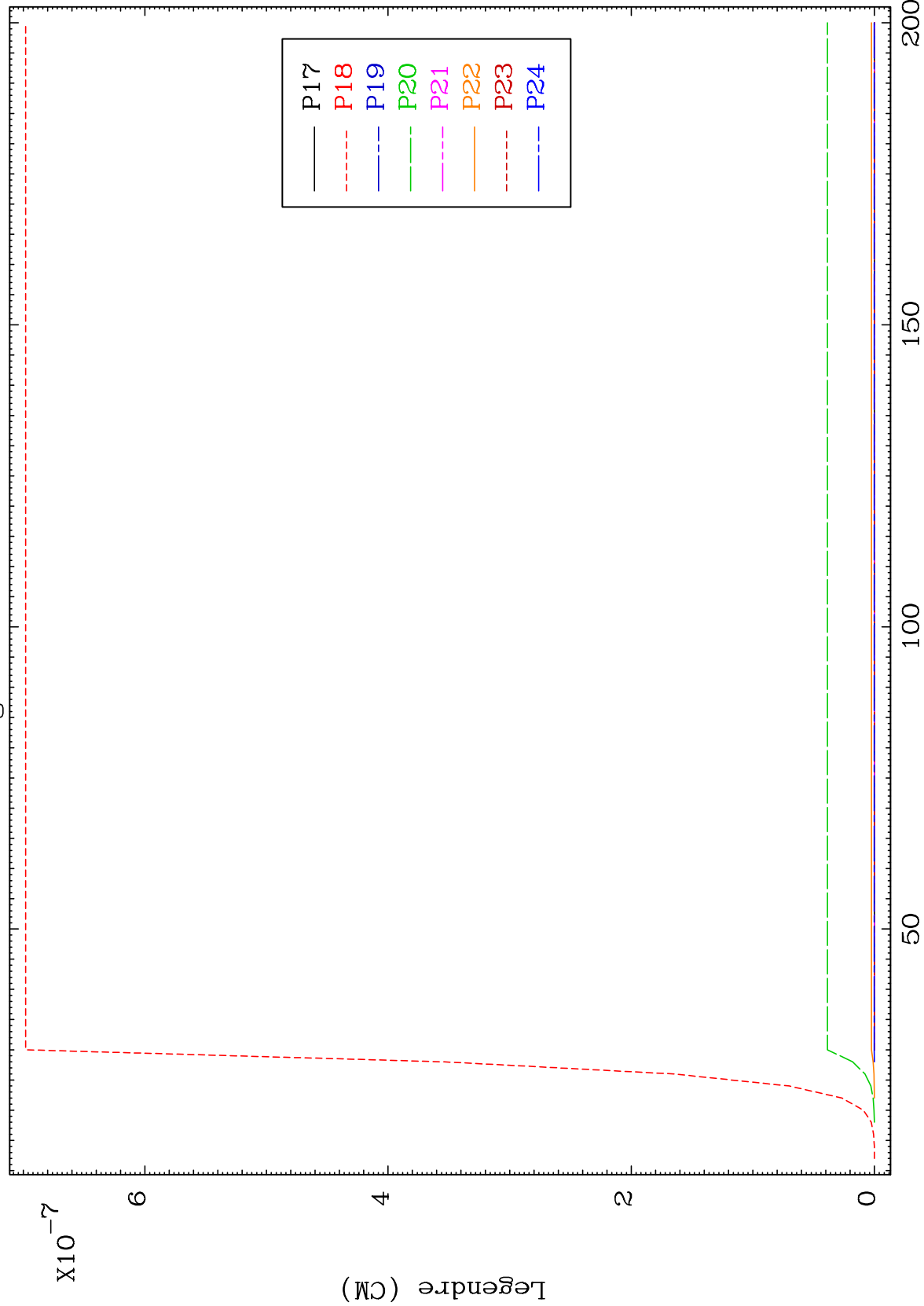
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



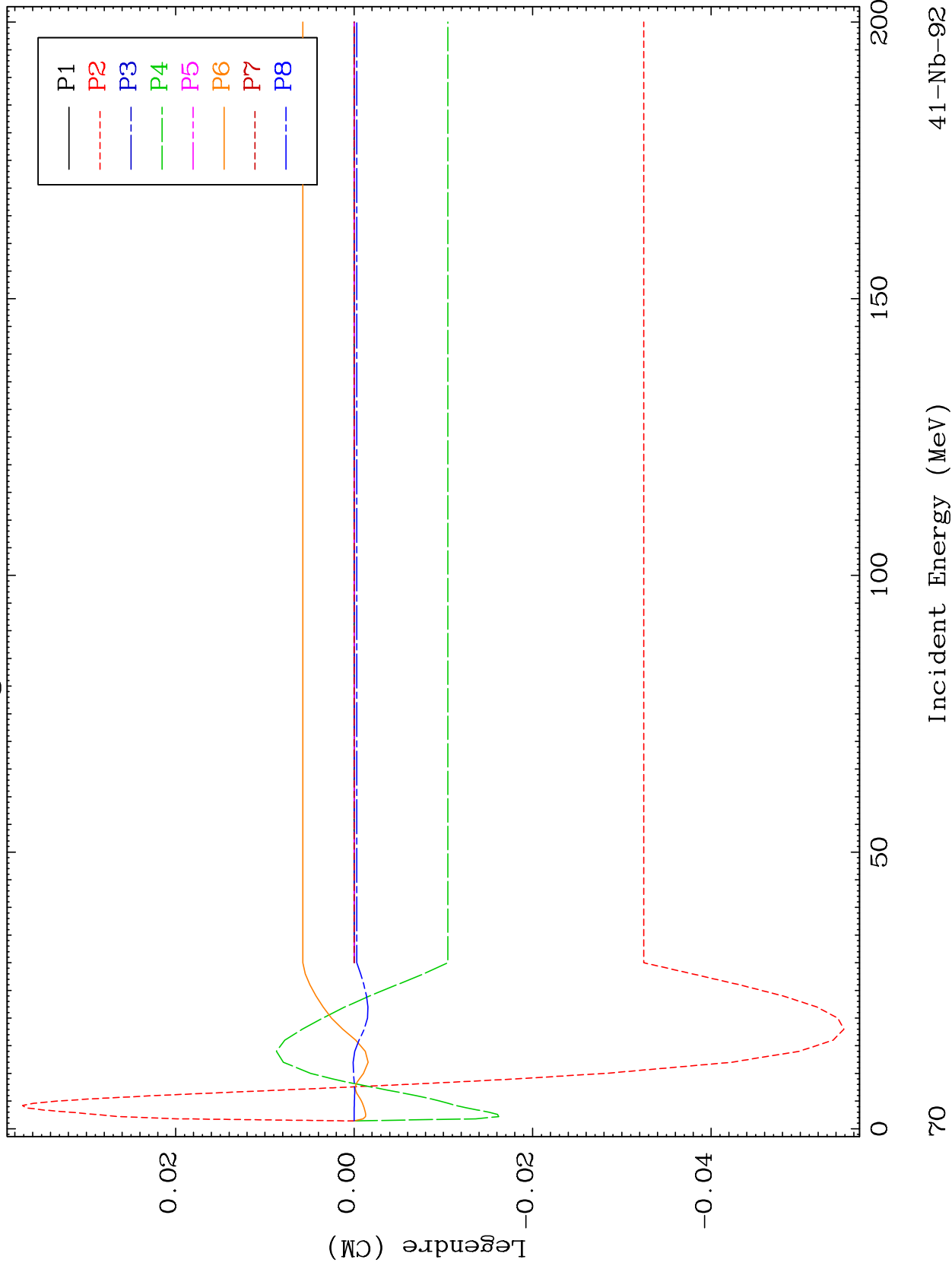
69

41-Nb-92

MAT 4122

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

41-Nb-92

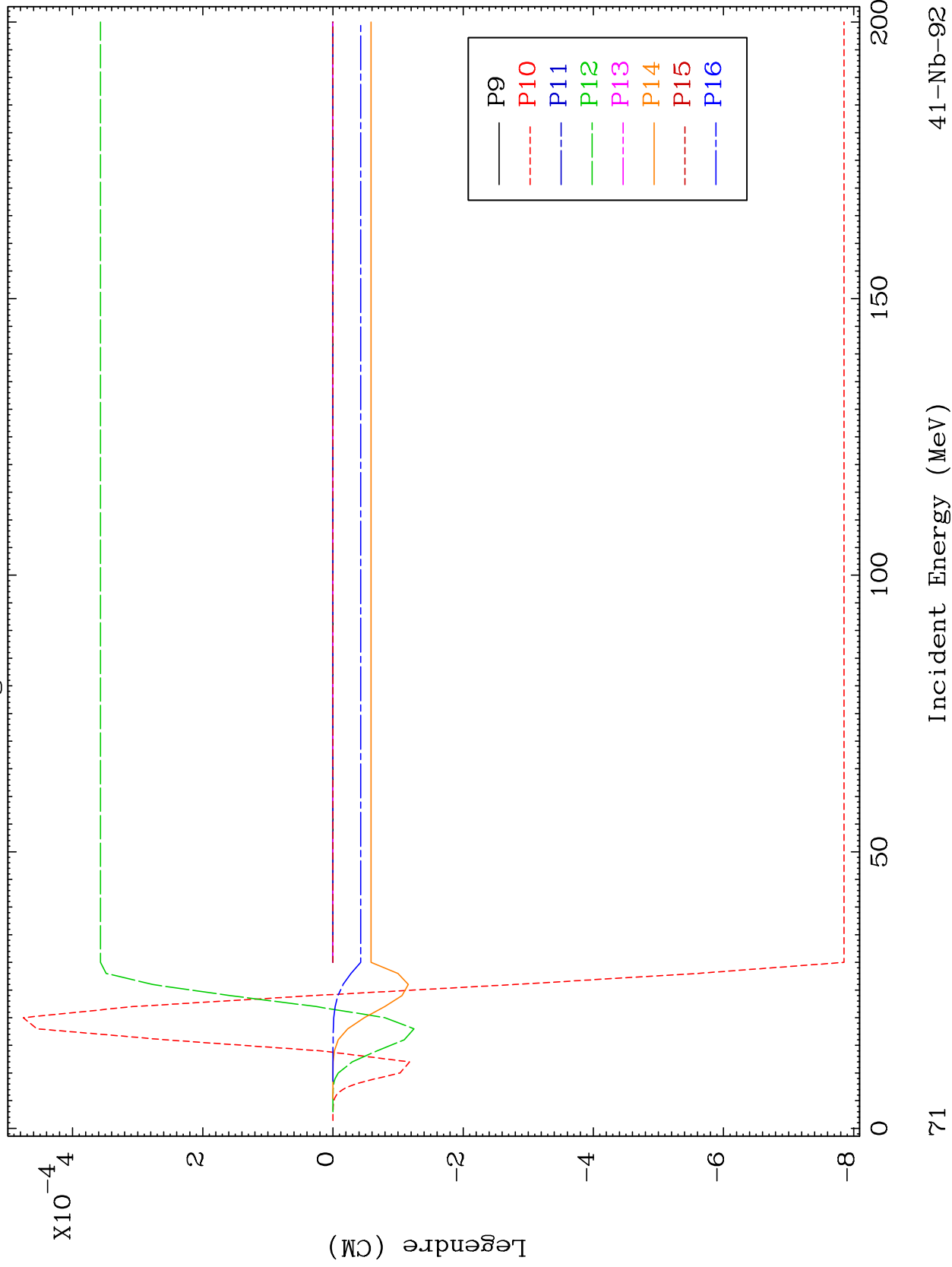


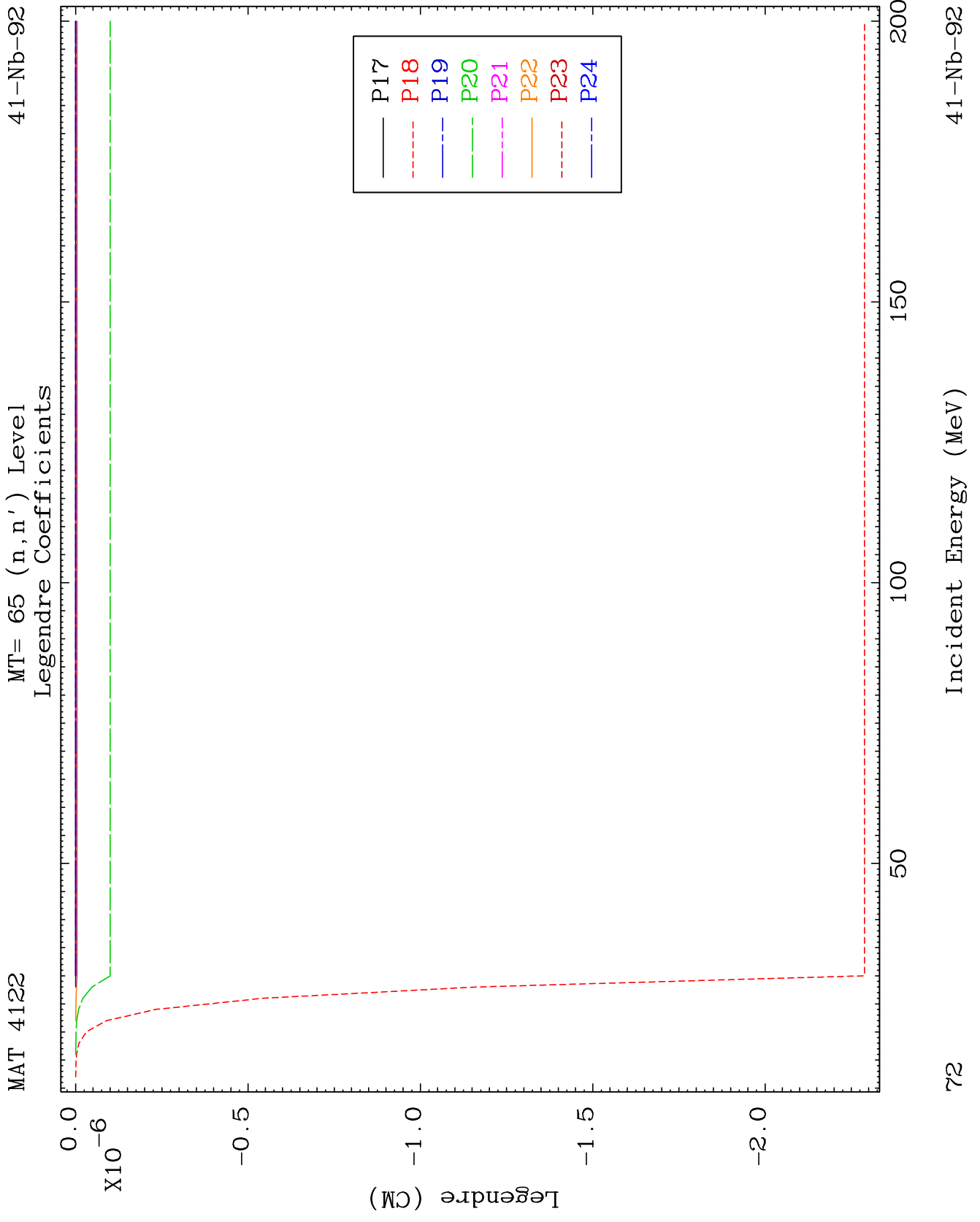
41-Nb-92

MAT 4122

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

41-Nb-92

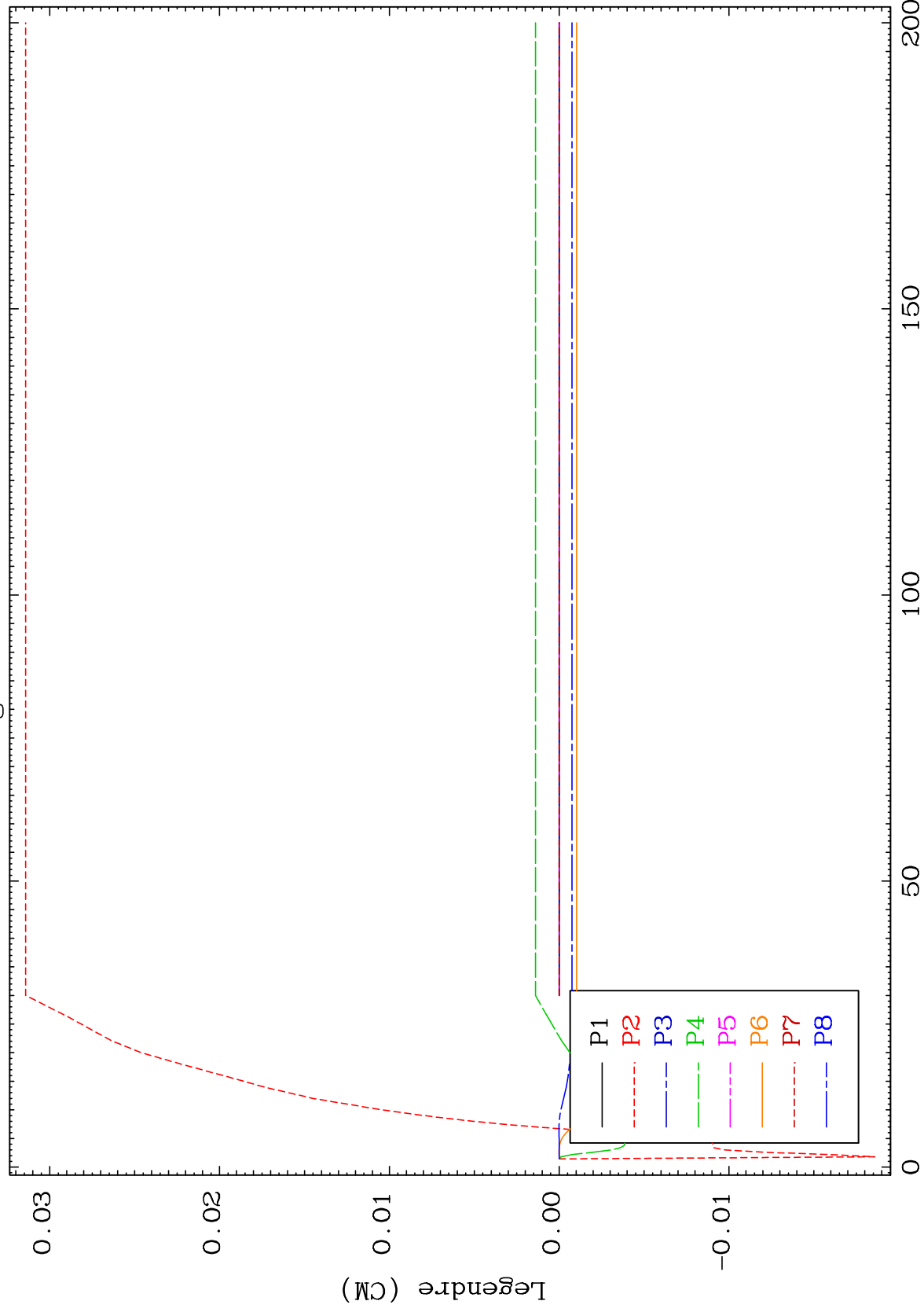




MAT 4122

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

41-Nb-92



73

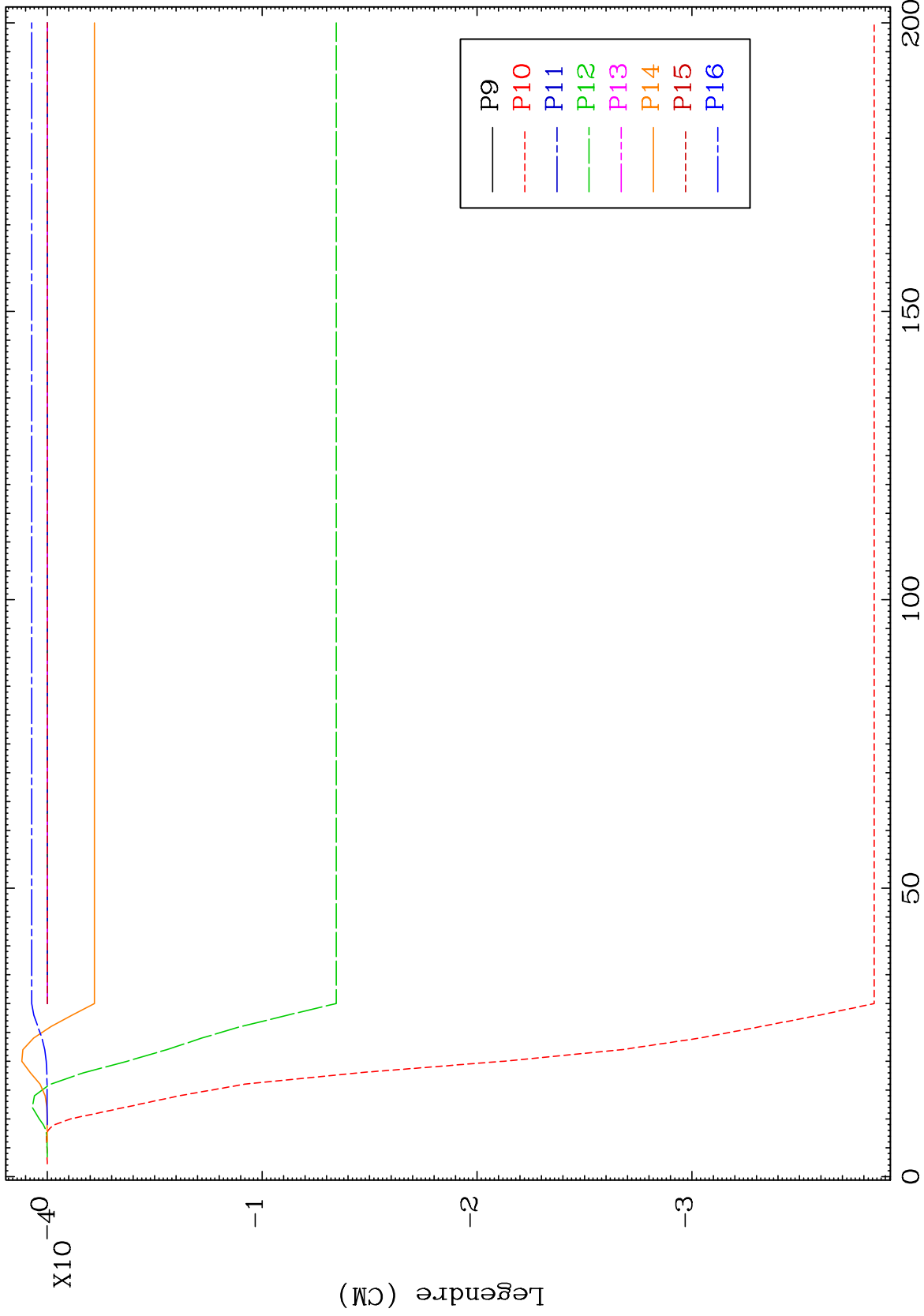
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



74

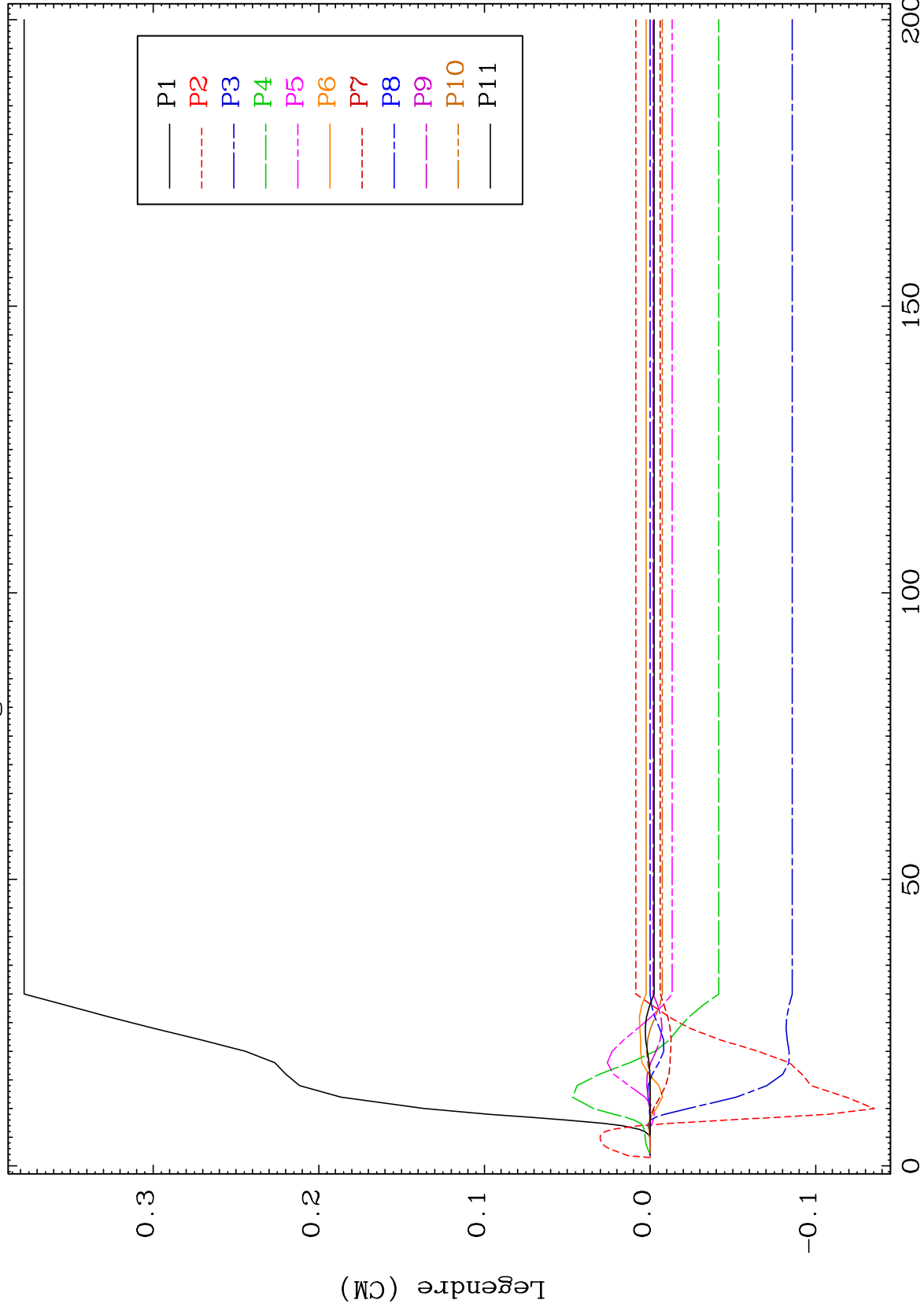
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



76

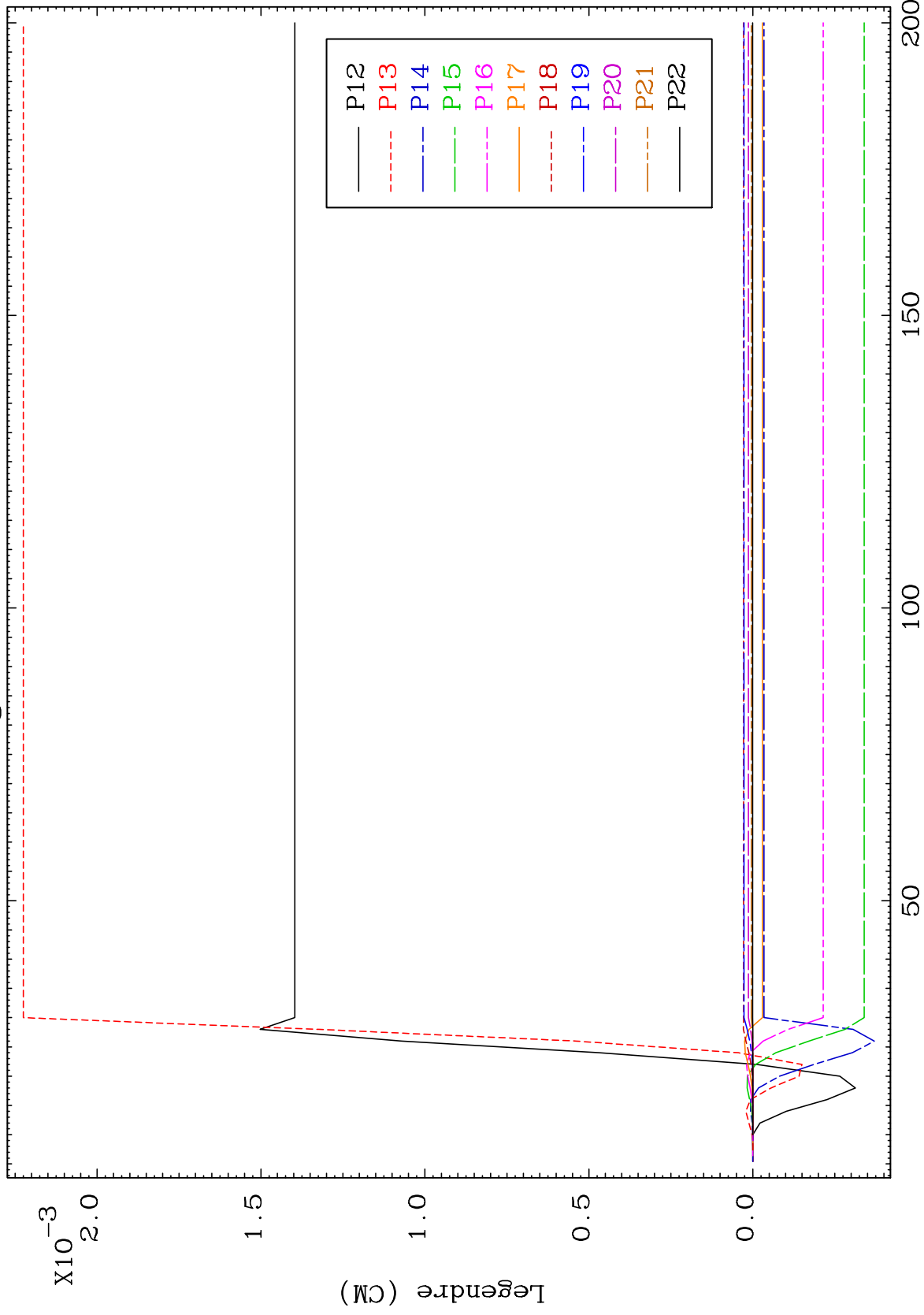
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



77

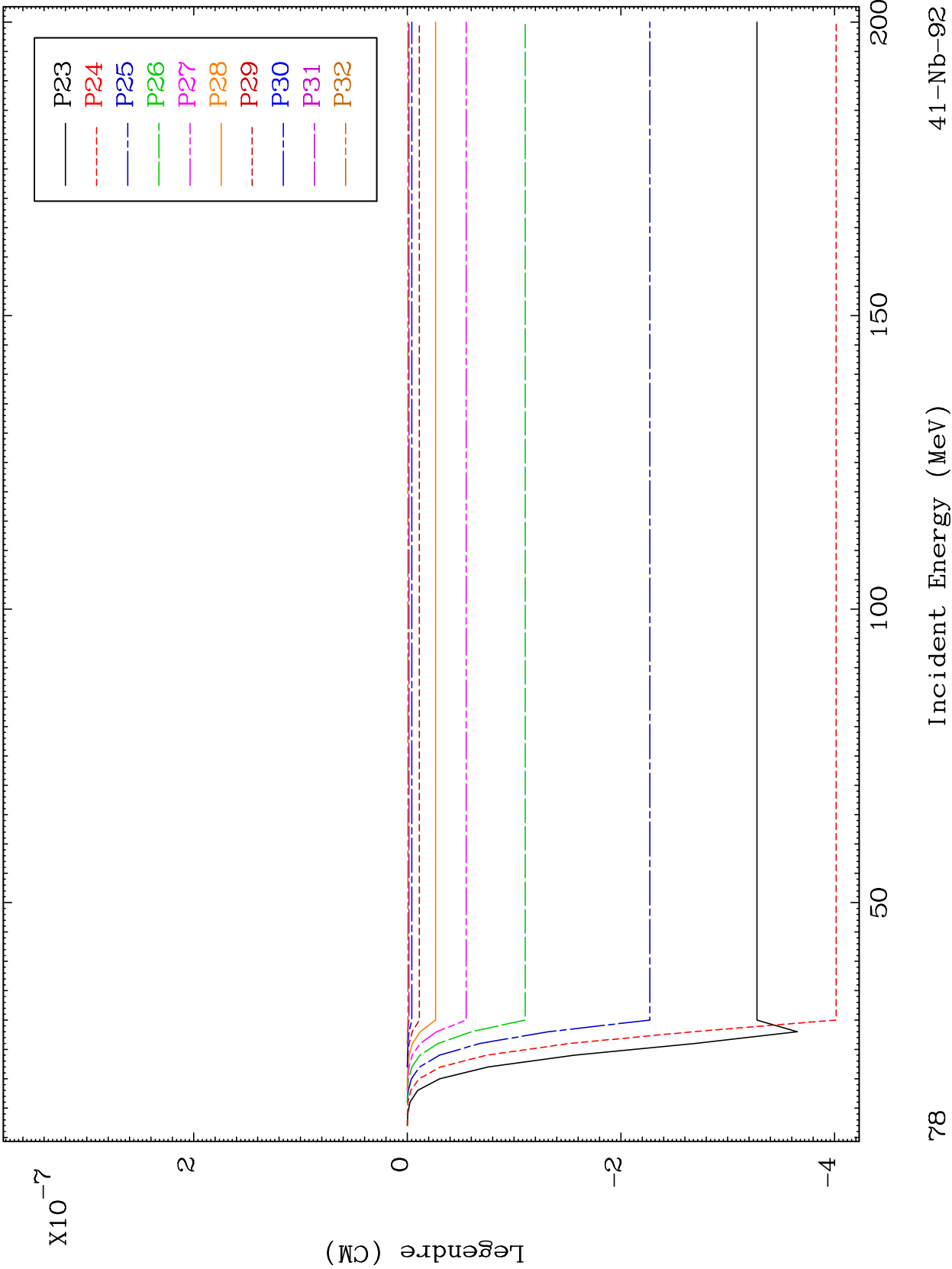
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

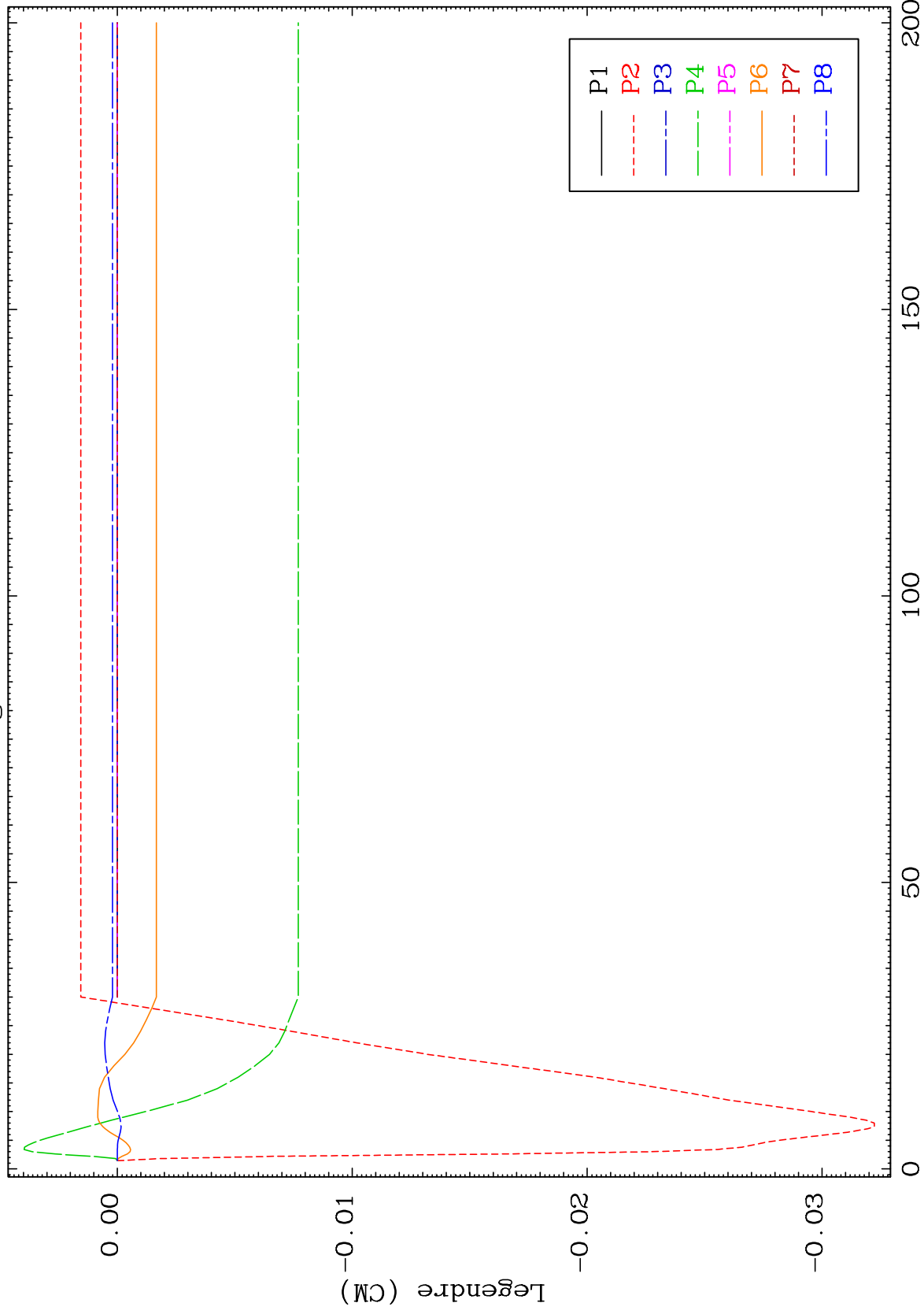
41-Nb-92



MAT 4122

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

41-Nb-92



79

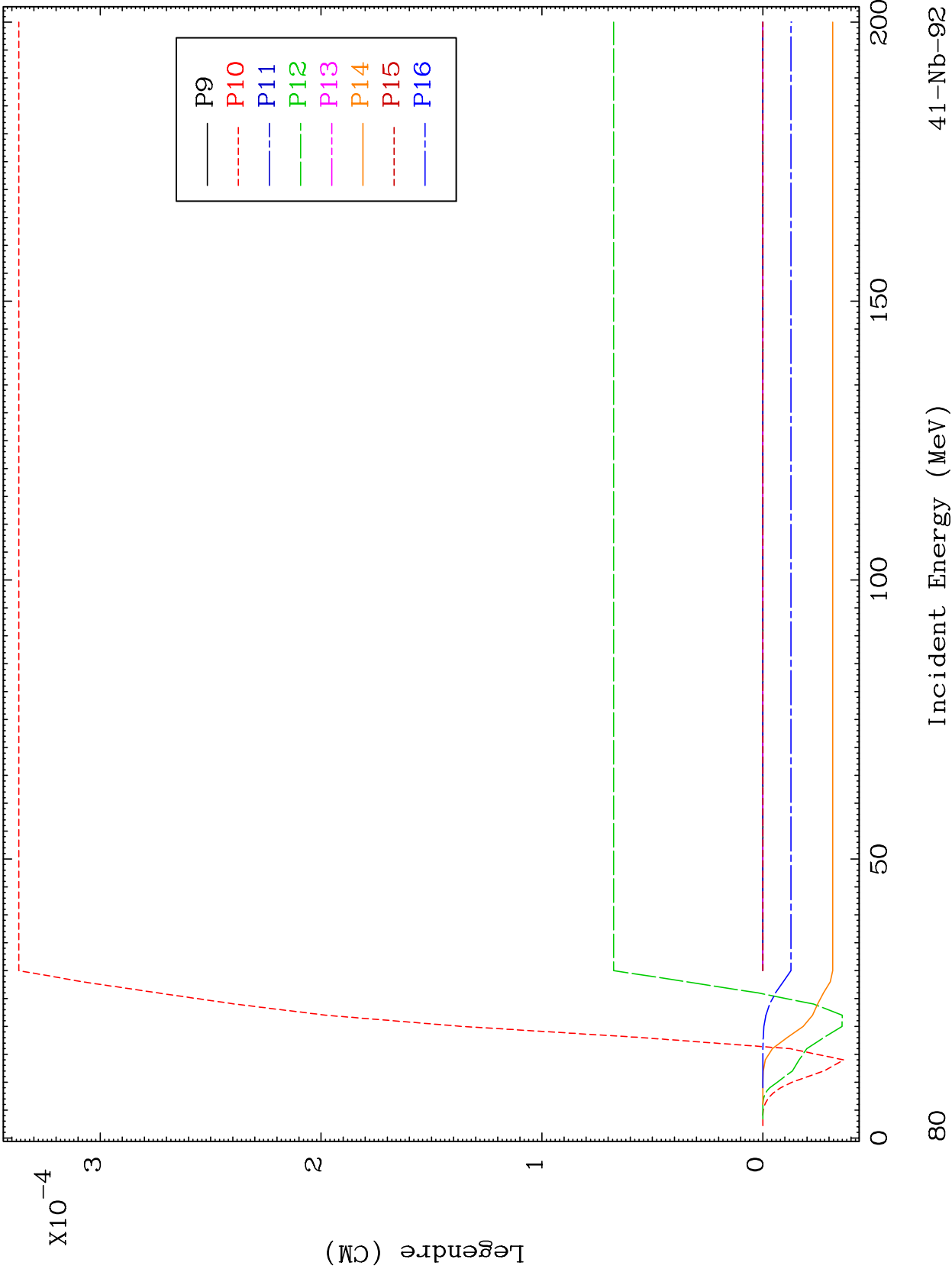
Incident Energy (MeV)

41-Nb-92

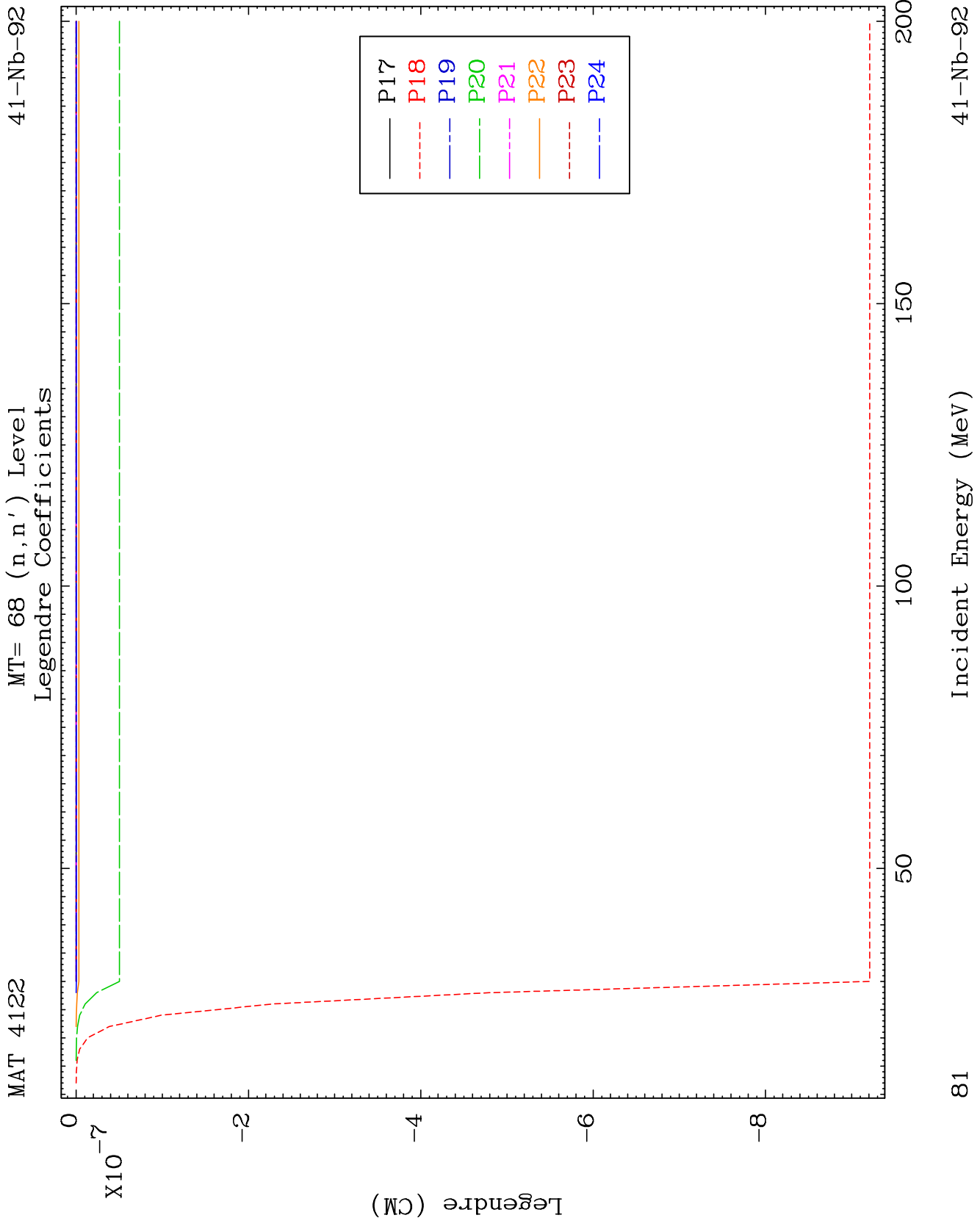
MAT 4122

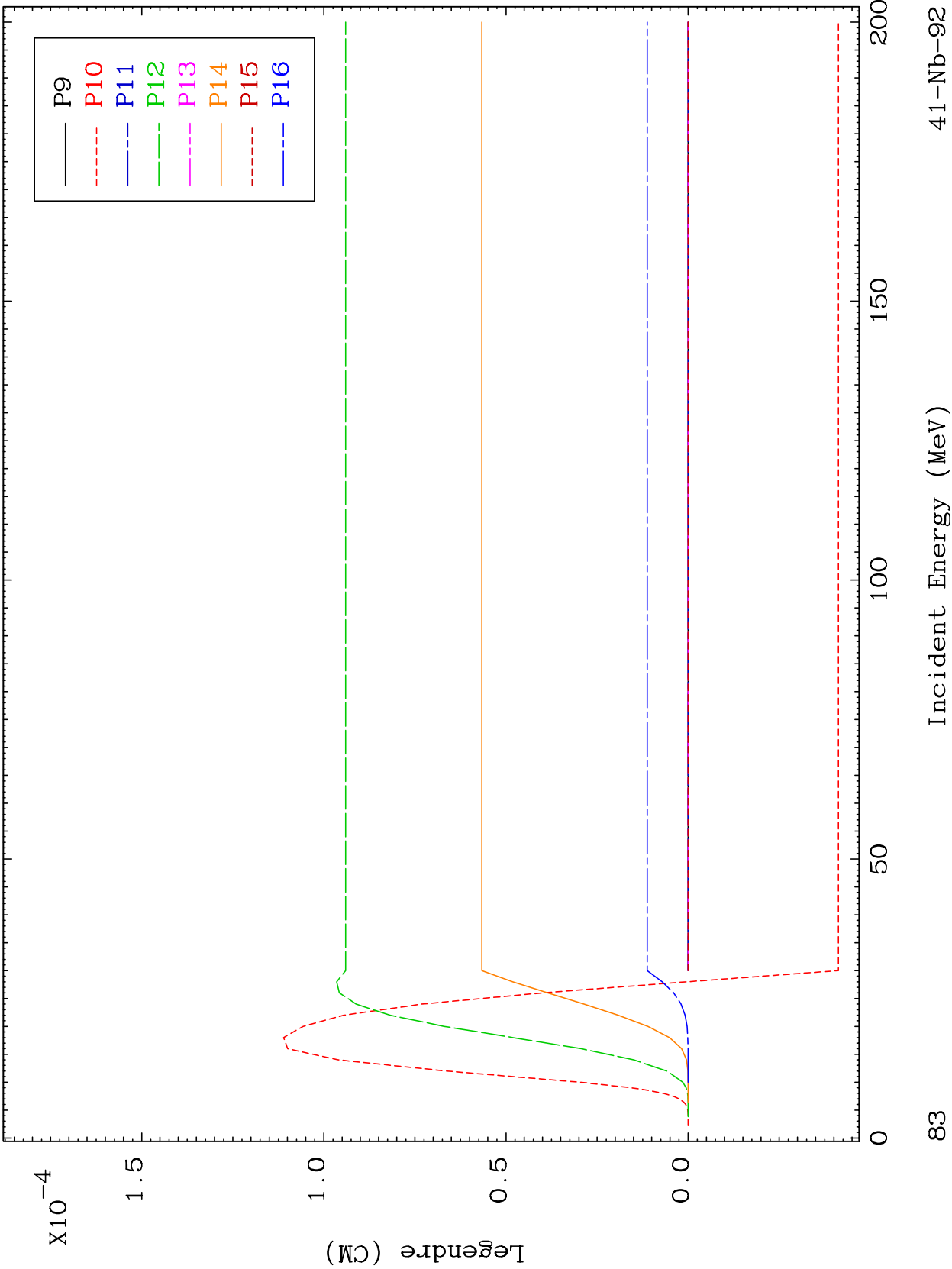
MT= 68 (n,n') Level
Legendre Coefficients

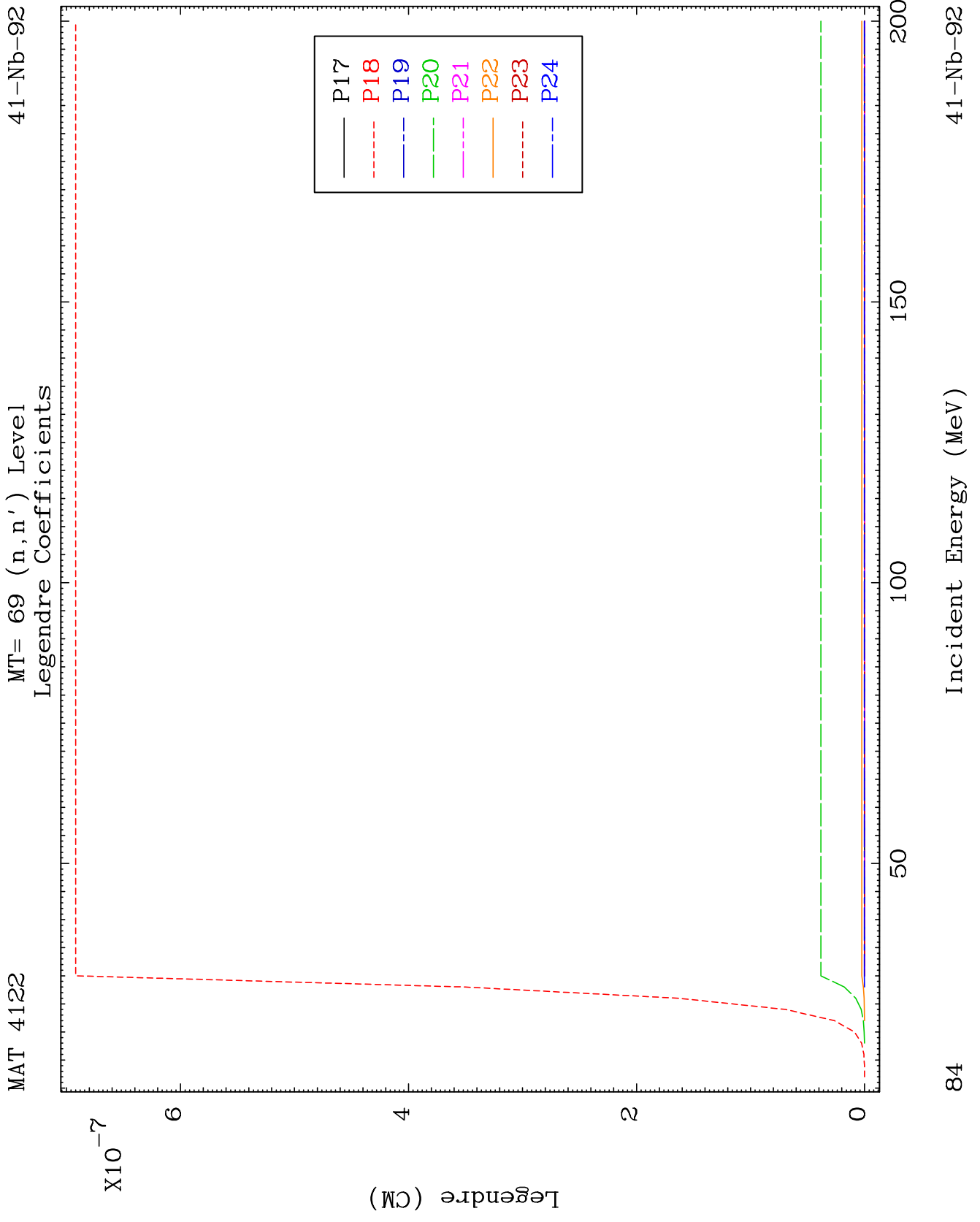
41-Nb-92



41-Nb-92



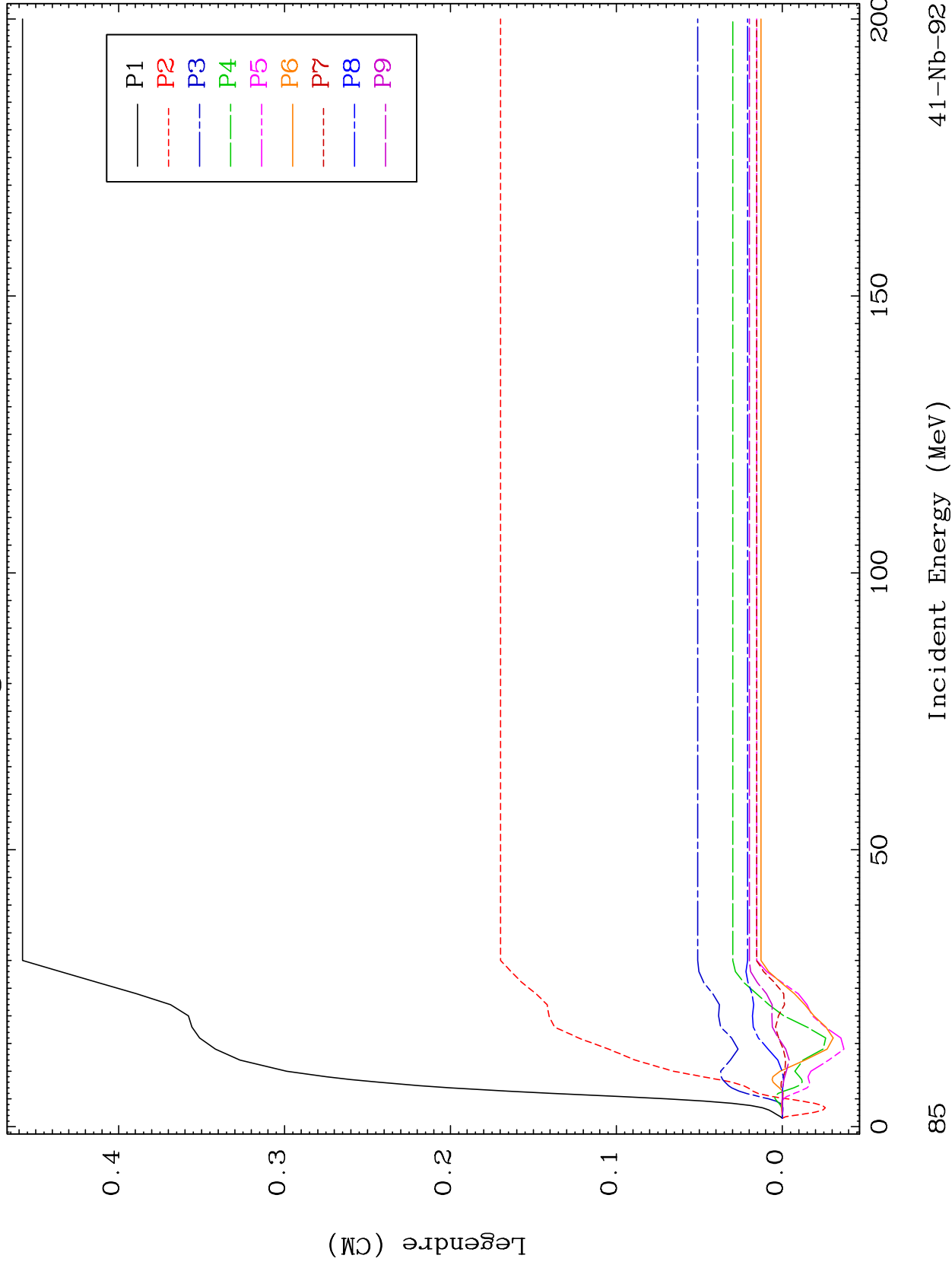




MAT 4122

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

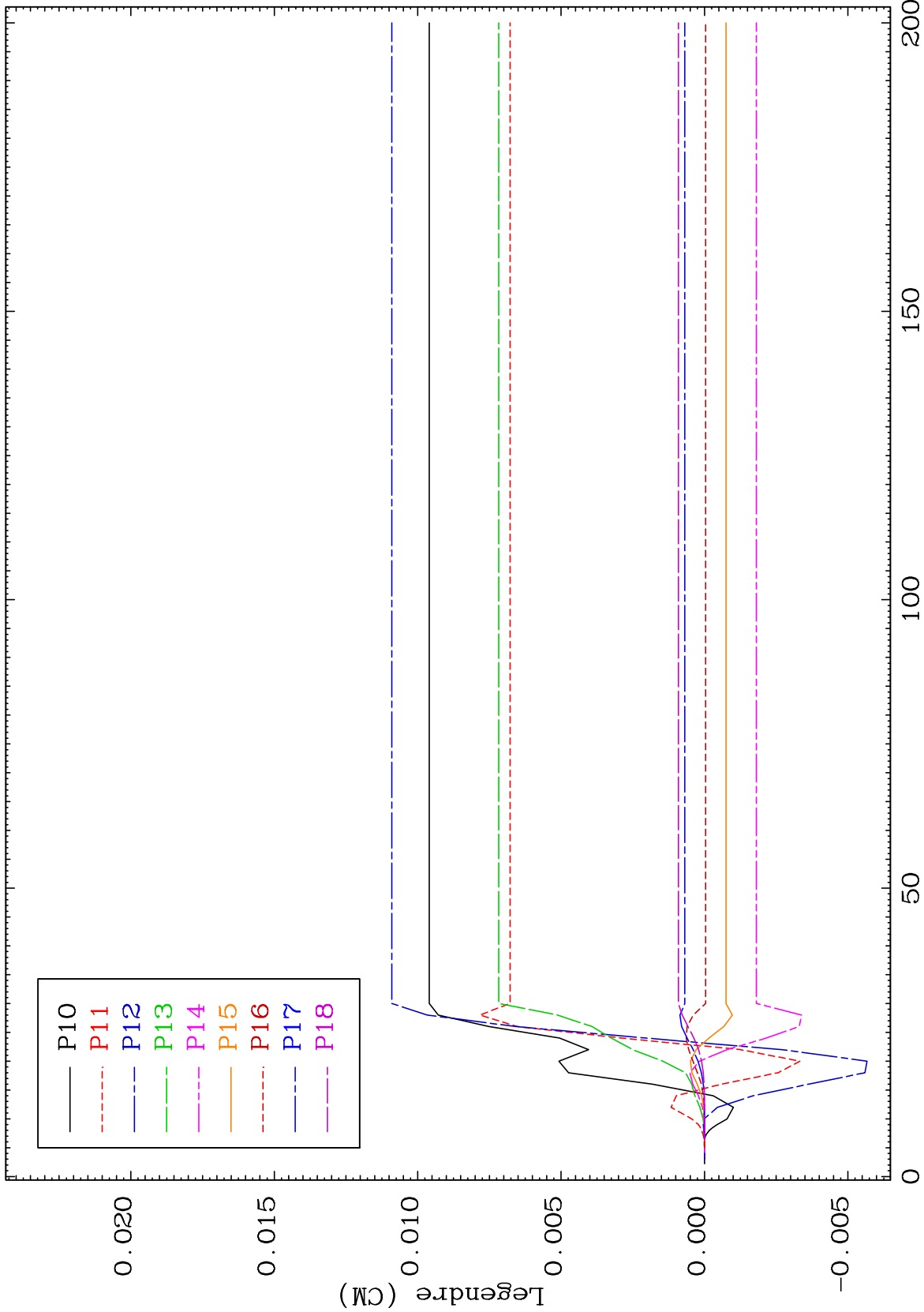
41-Nb-92



41-Nb-92

Incident Energy (MeV)

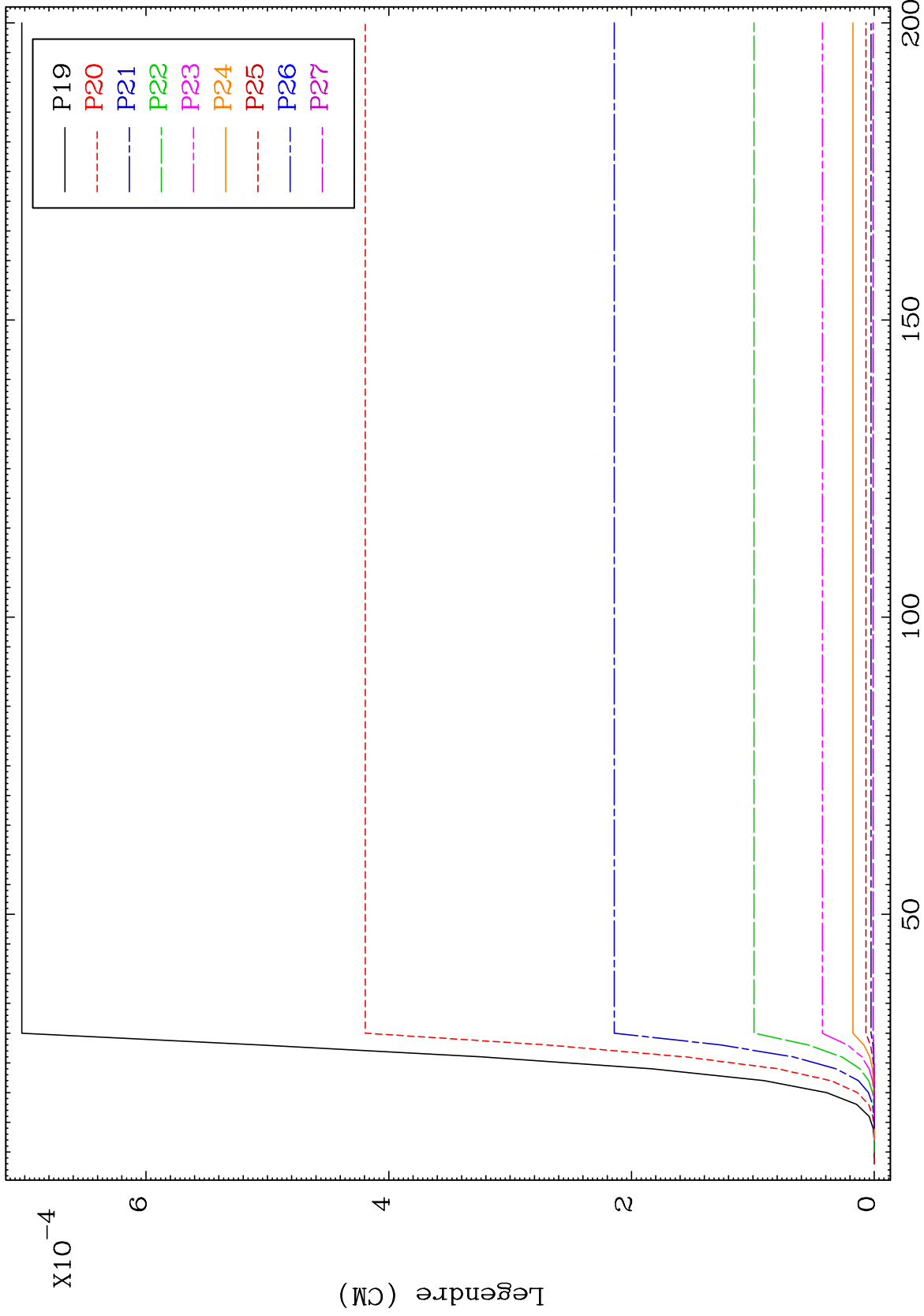
85



MAT 4122

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

41-Nb-92



87

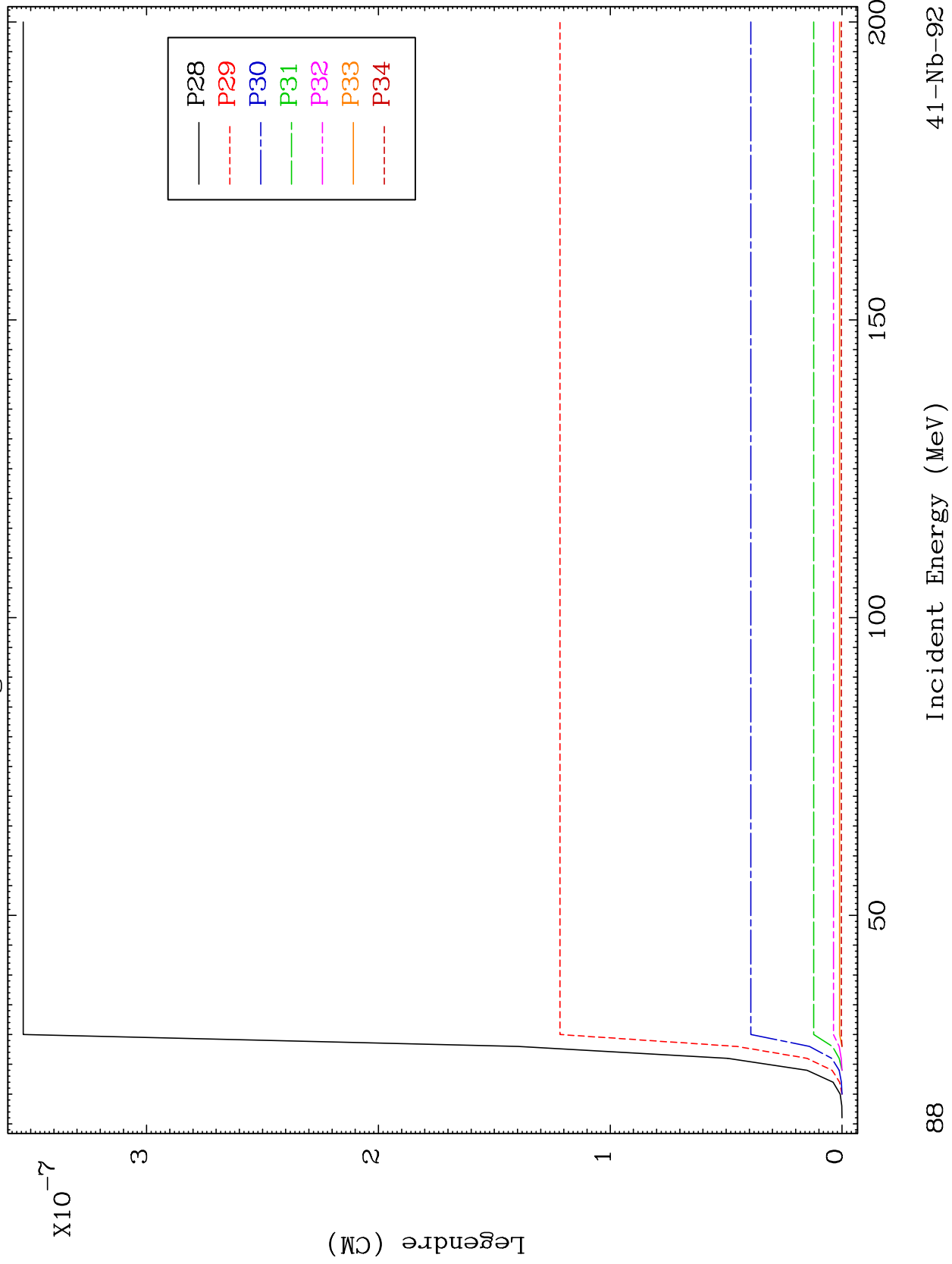
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

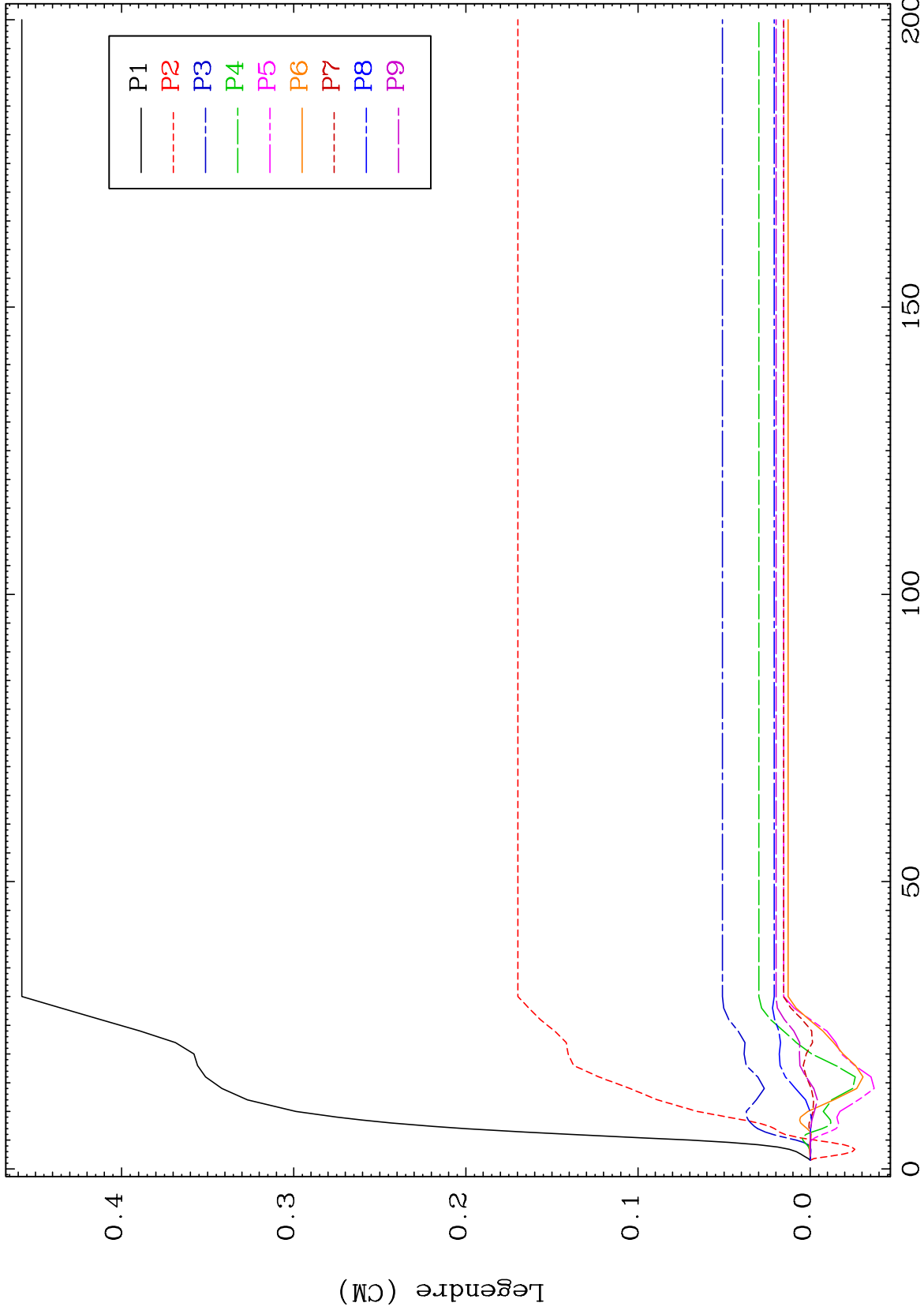
41-Nb-92



88

Incident Energy (MeV)

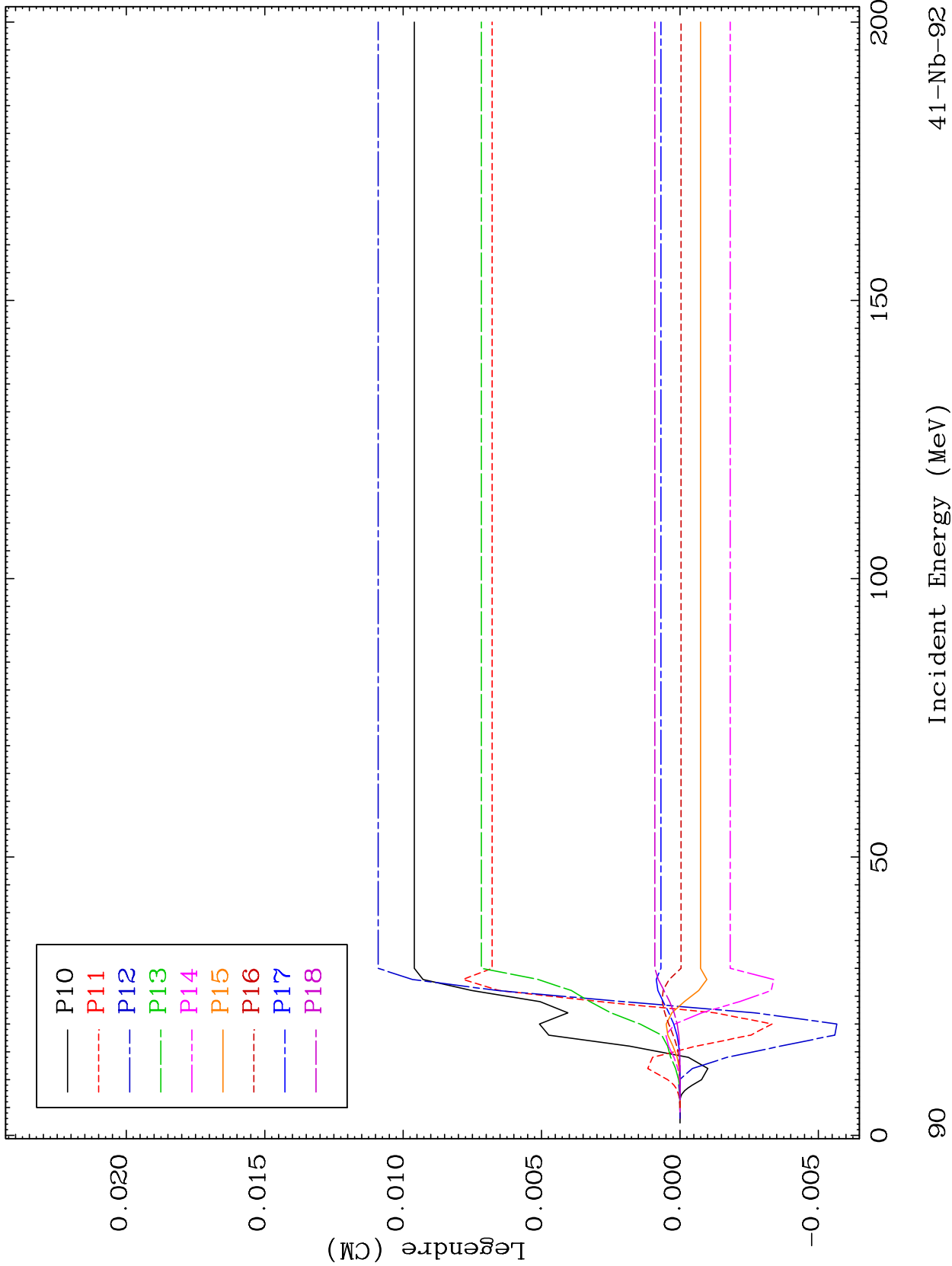
41-Nb-92



MAT 4122

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

41-Nb-92



41-Nb-92

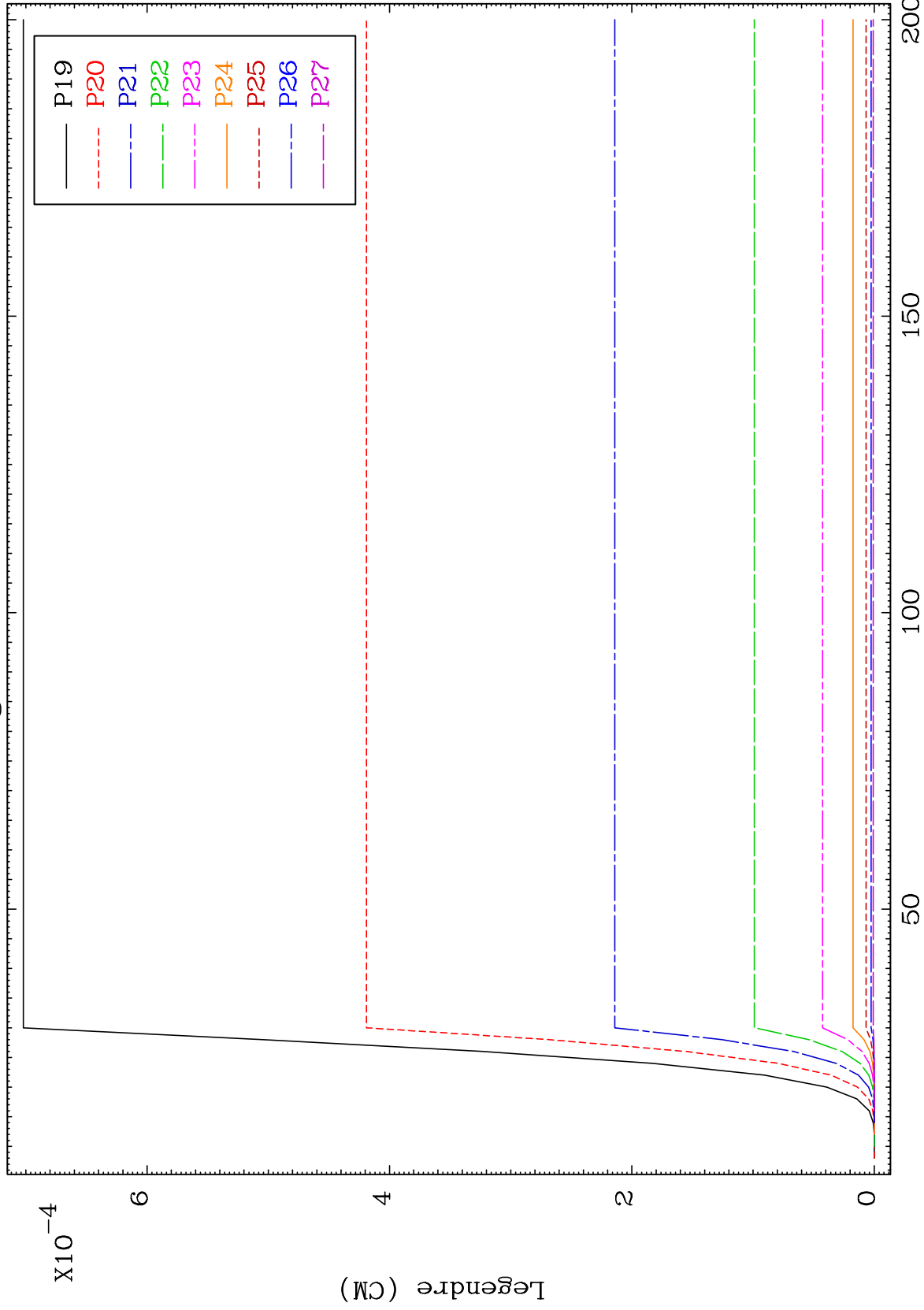
Incident Energy (MeV)

90

MAT 4122

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

41-Nb-92



91

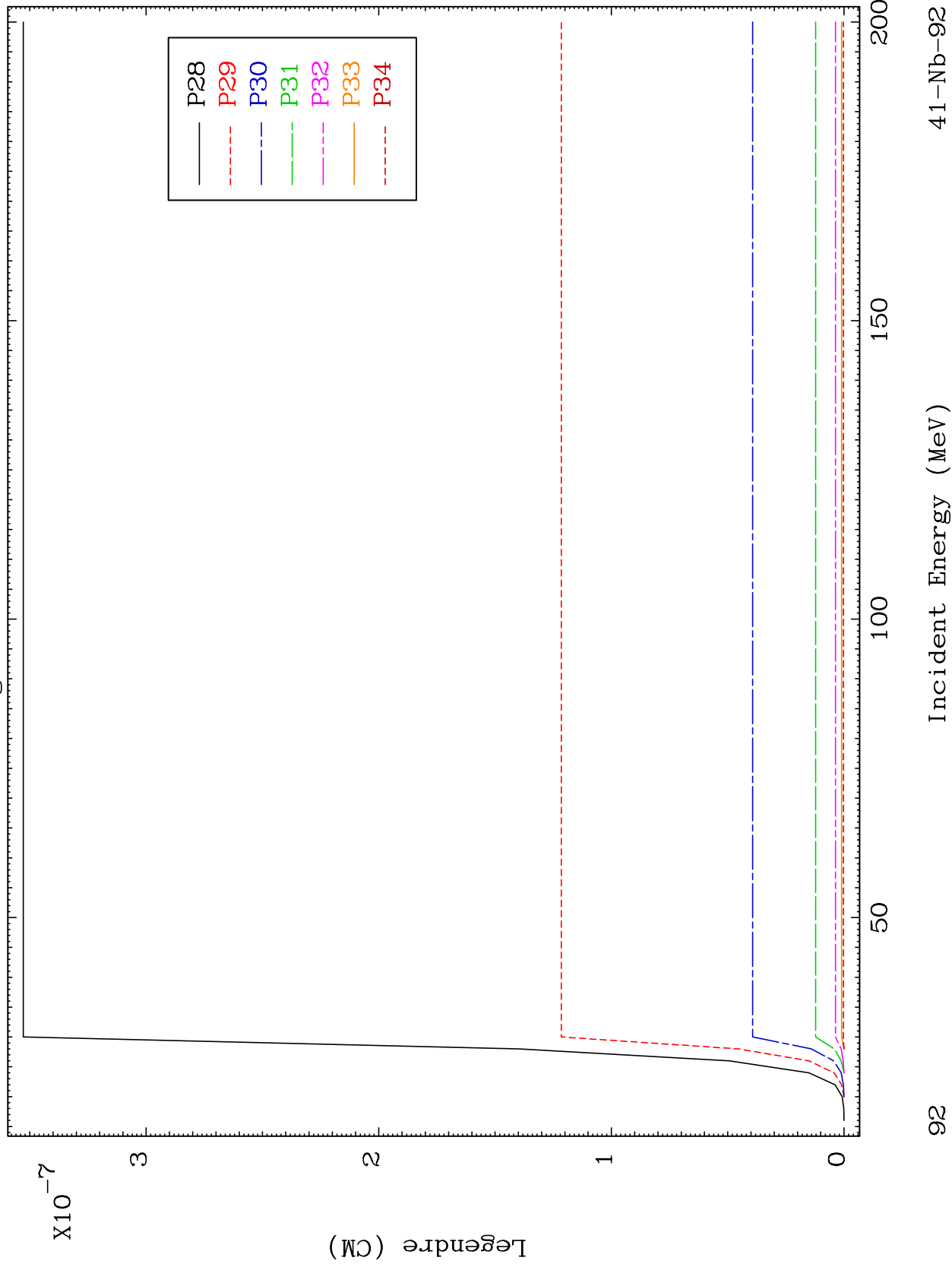
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

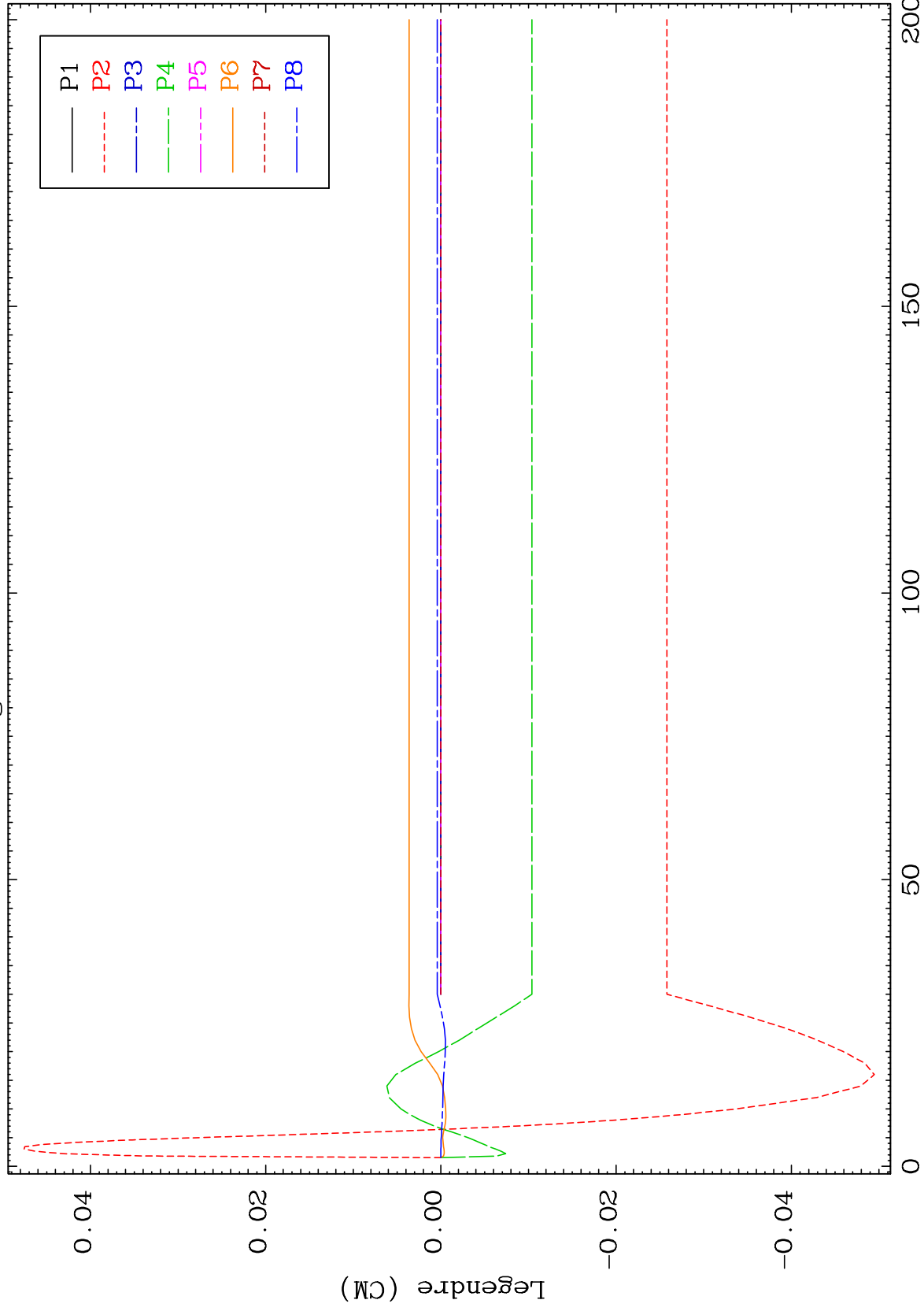
41-Nb-92



MAT 4122

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

41-Nb-92



93

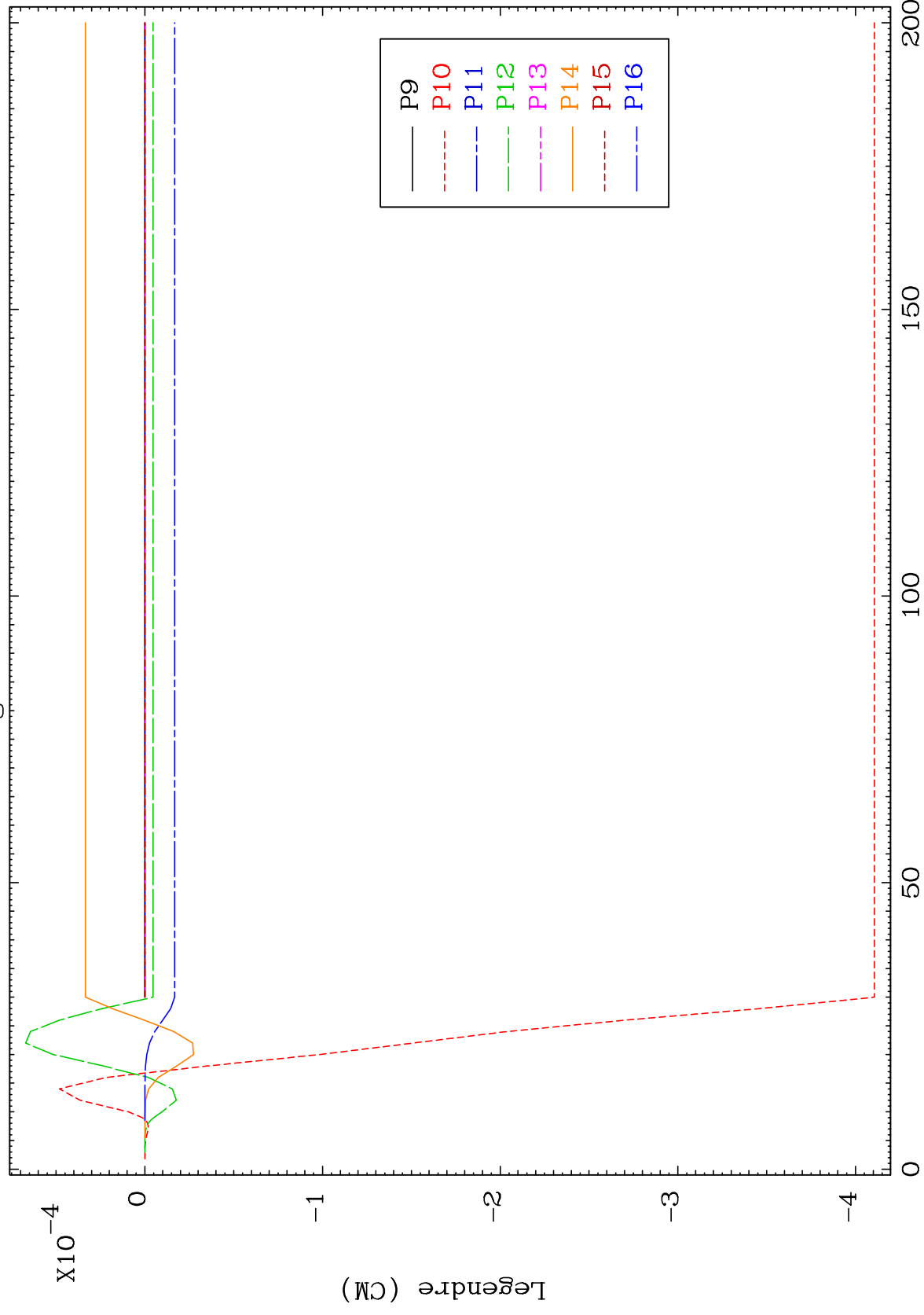
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

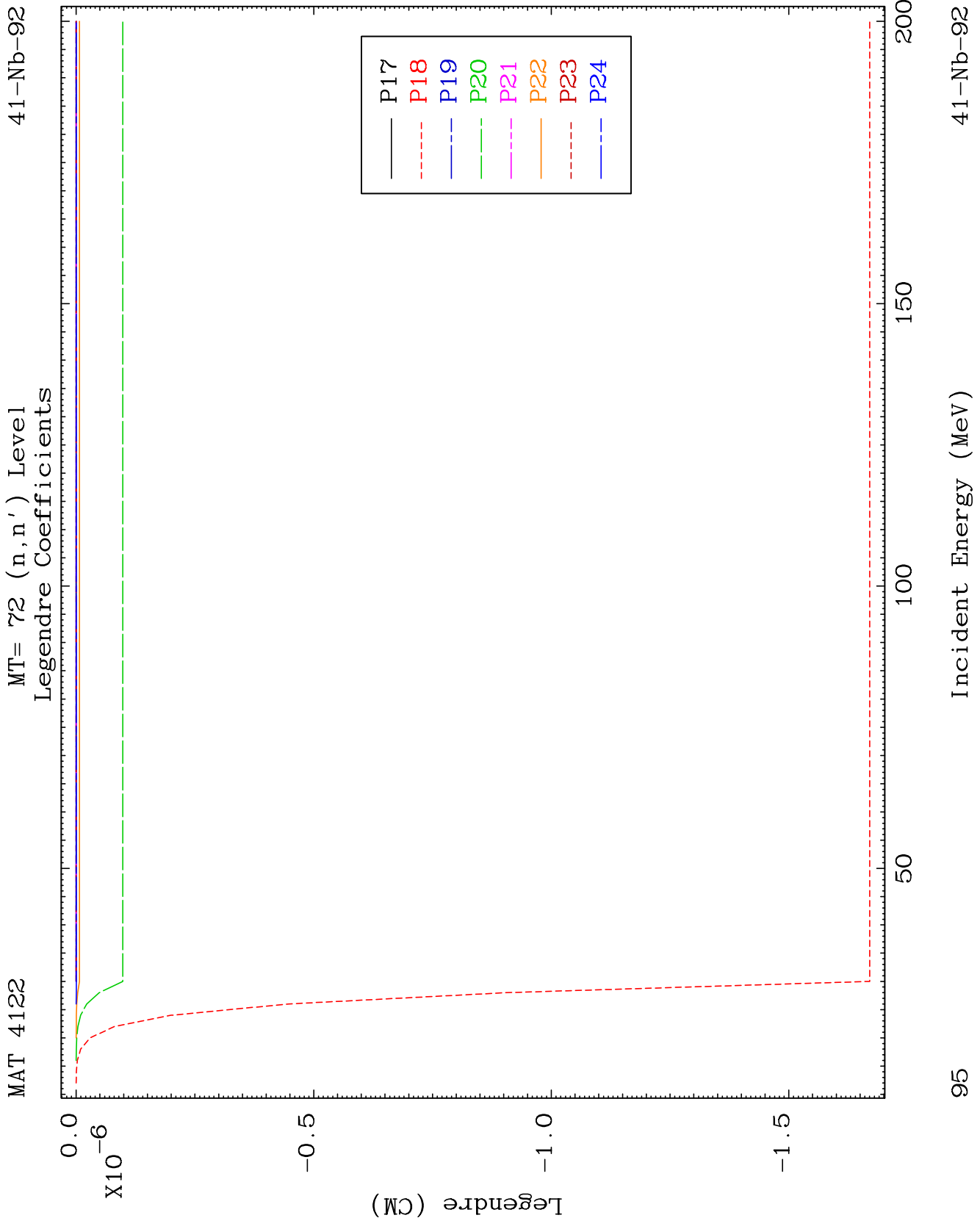
41-Nb-92



94

Incident Energy (MeV)

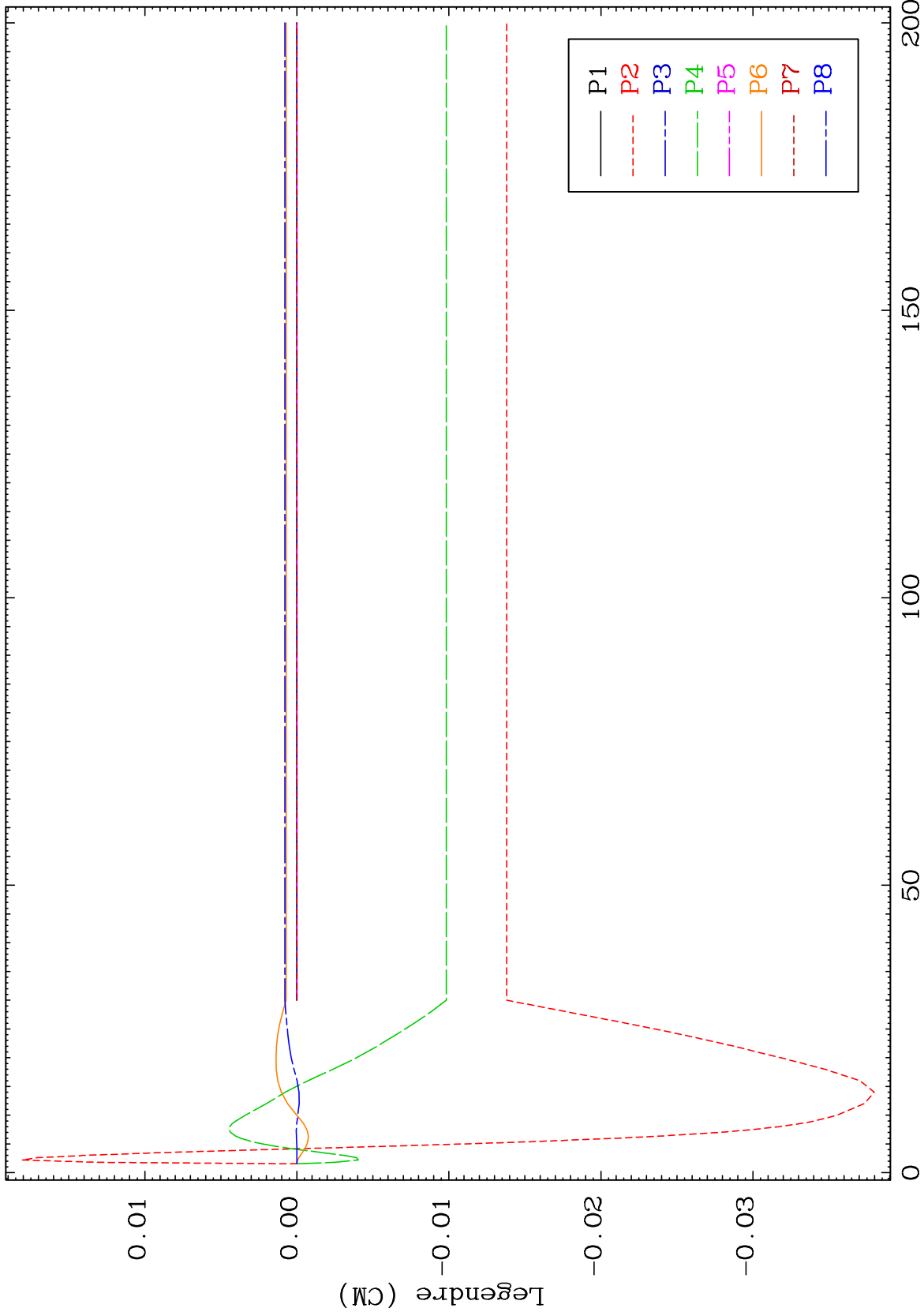
41-Nb-92



MAT 4122

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

41-Nb-92



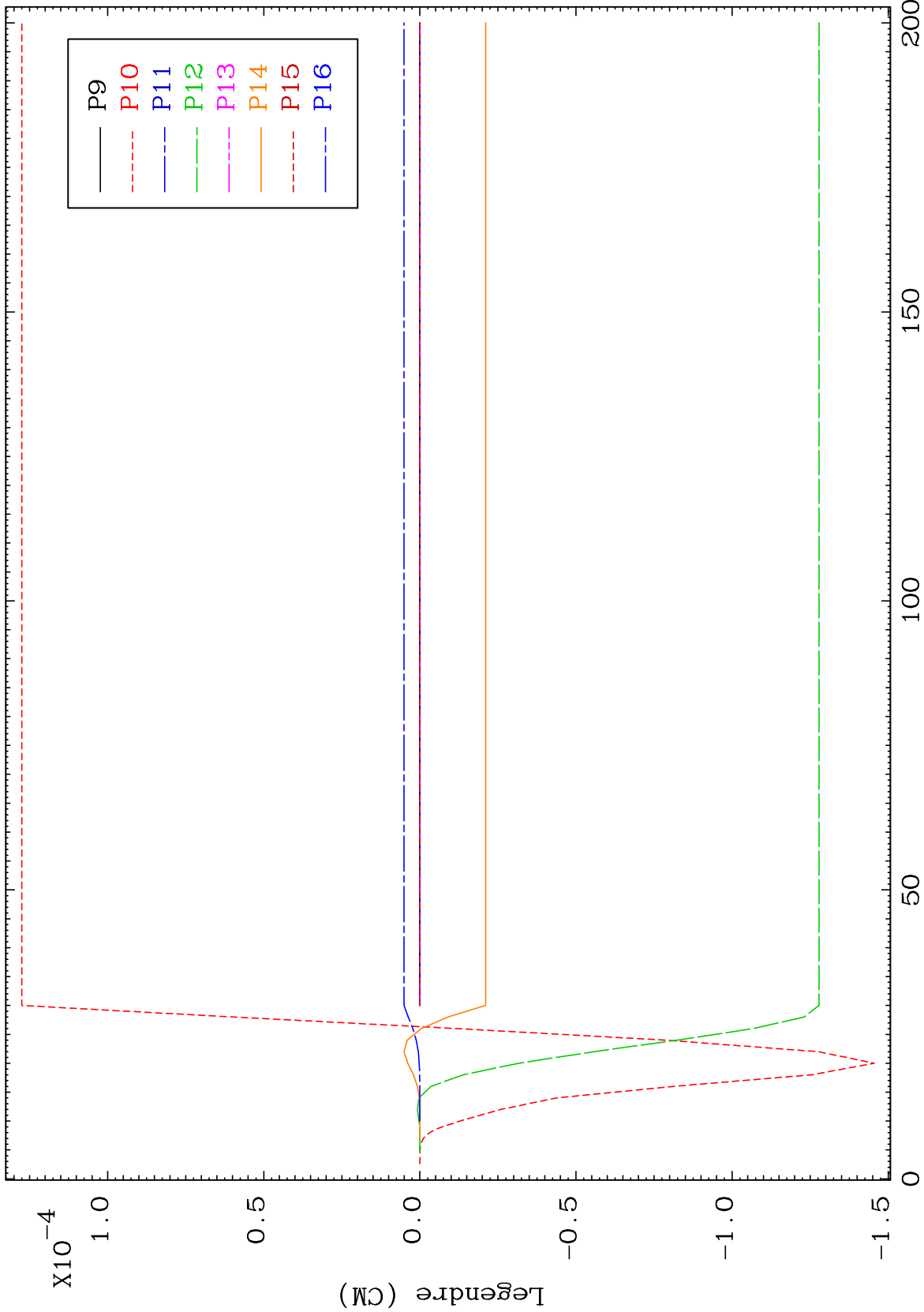
96

41-Nb-92

MAT 4122

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

41-Nb-92



97

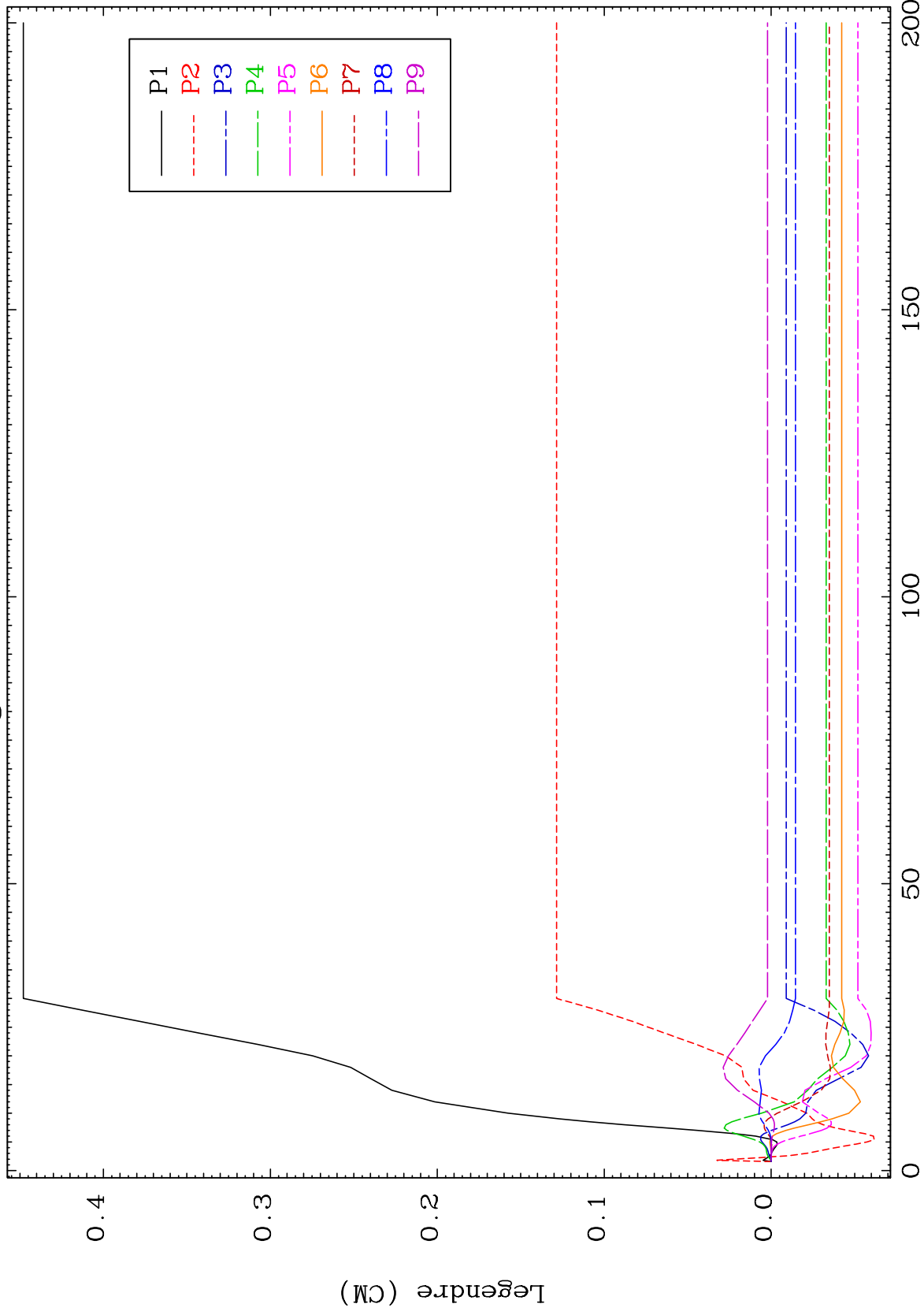
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



99

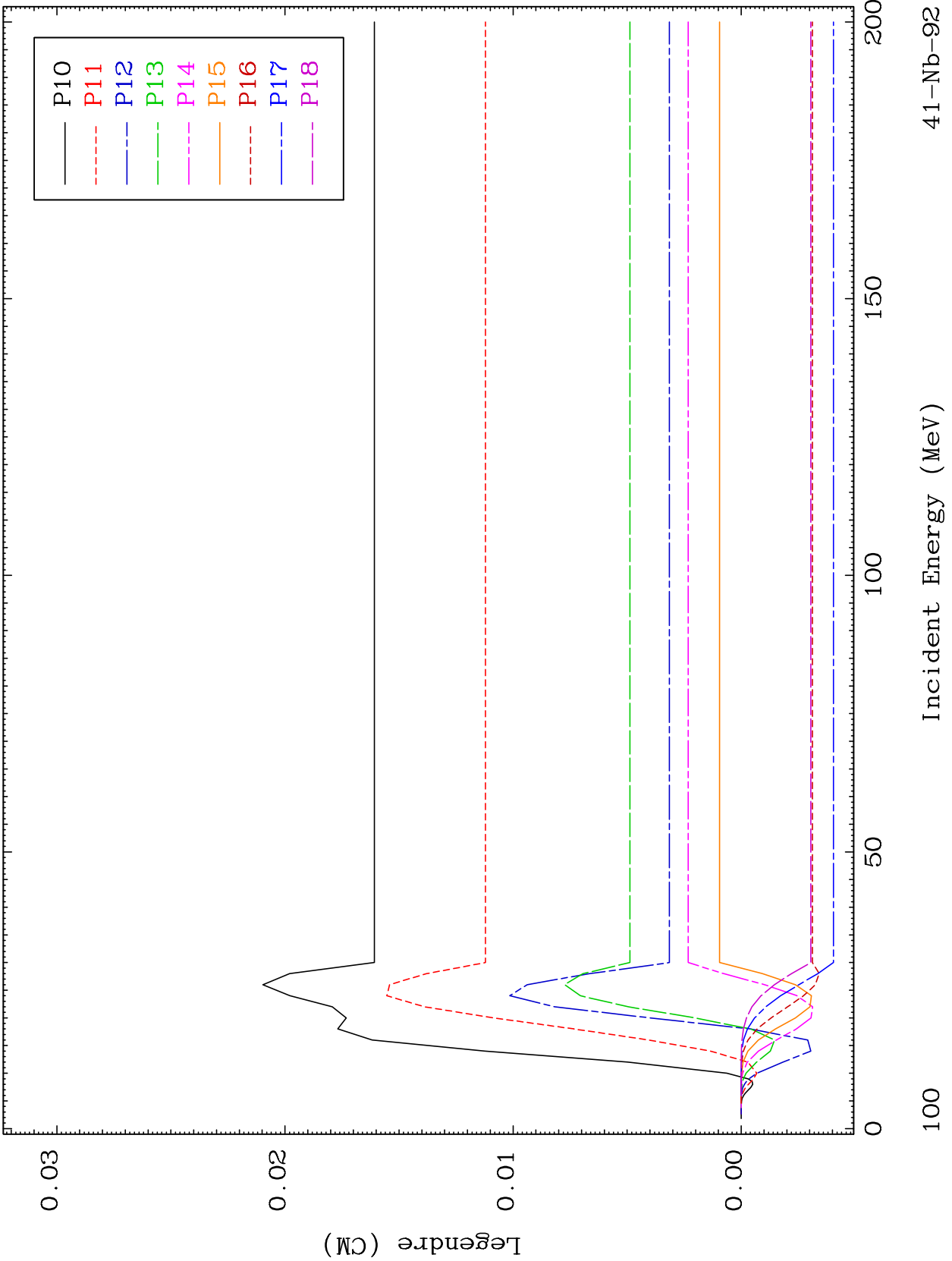
Incident Energy (MeV)

41-Nb-92

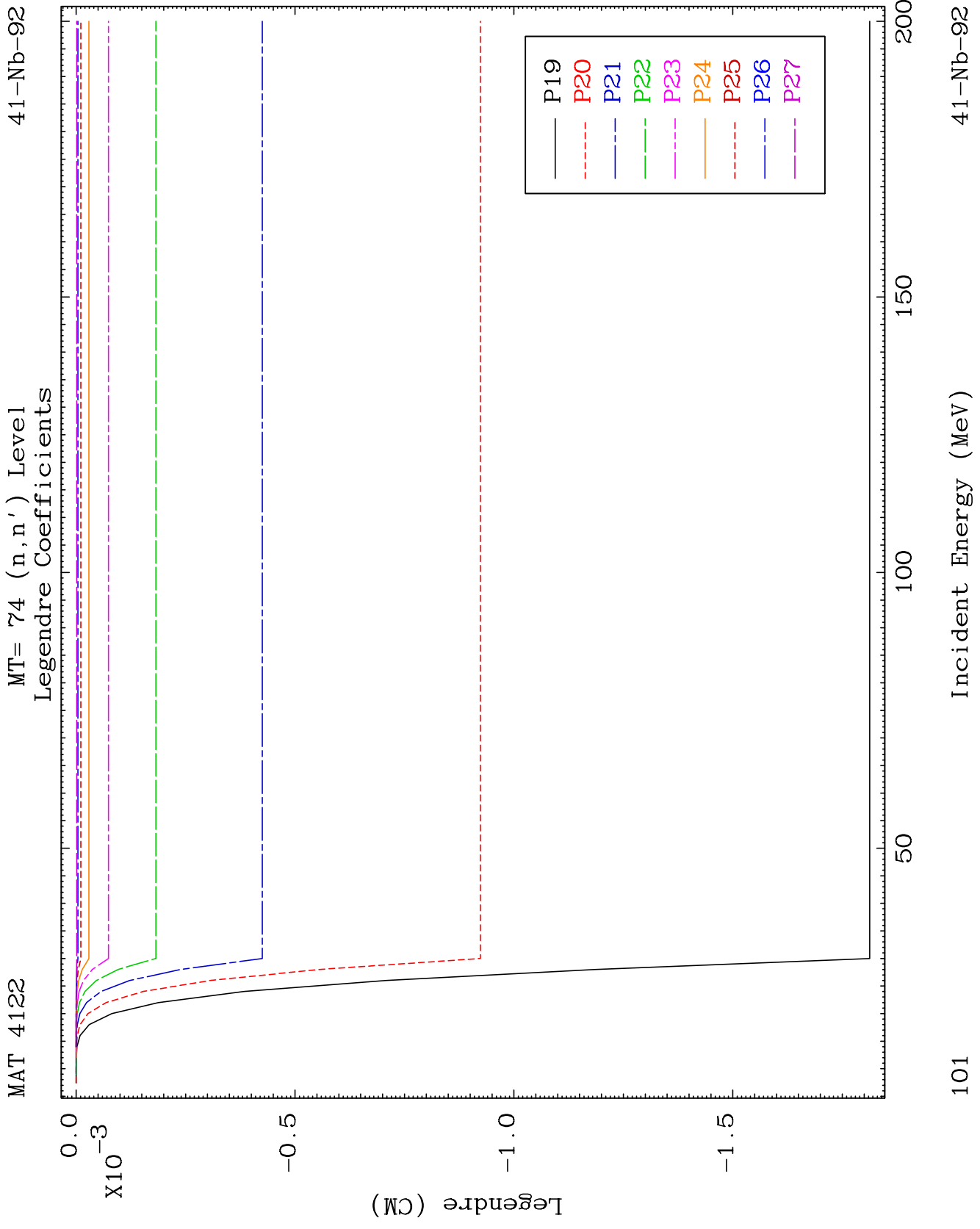
MAT 4122

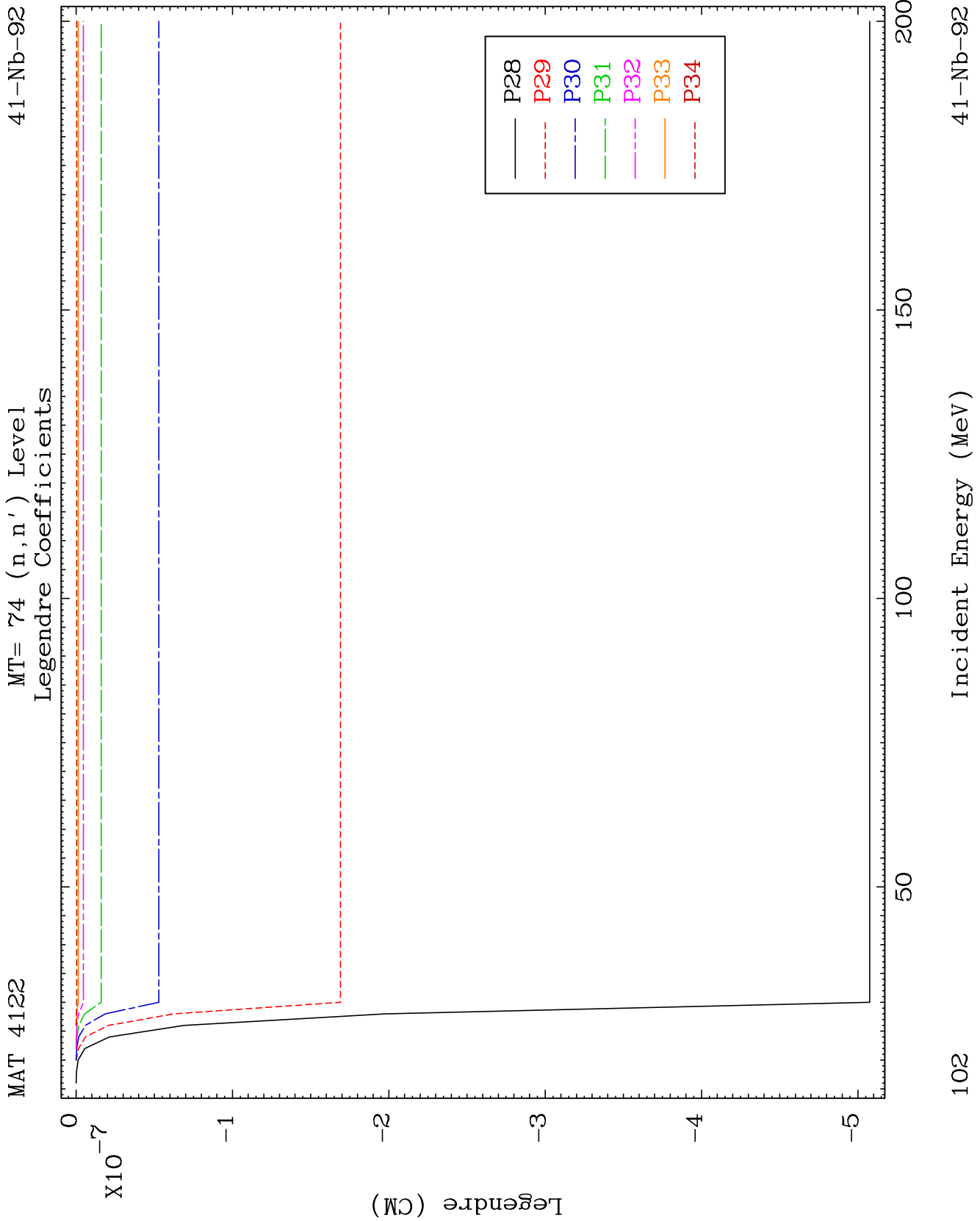
MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-92



41-Nb-92

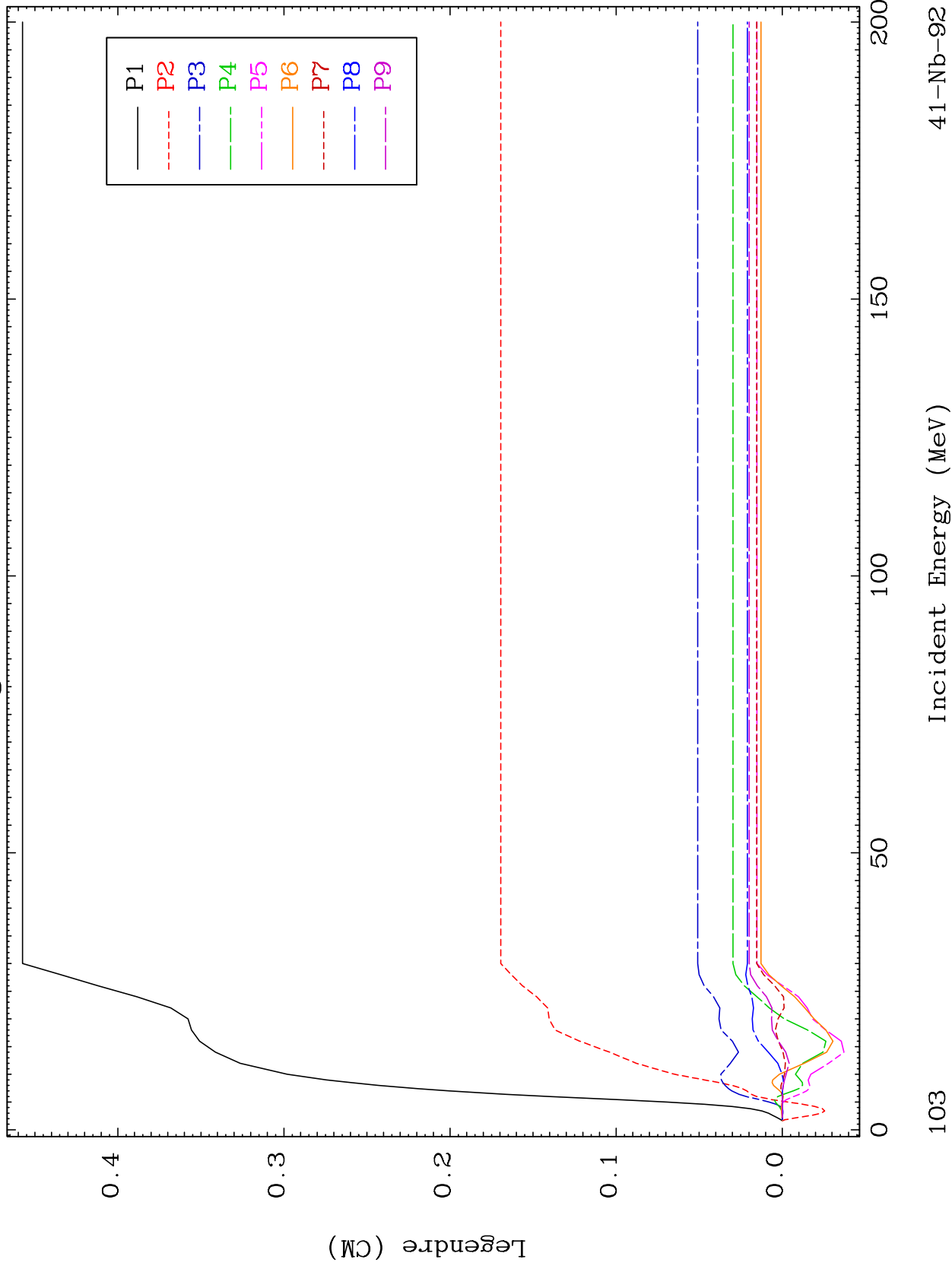




MAT 4122

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

41-Nb-92



41-Nb-92

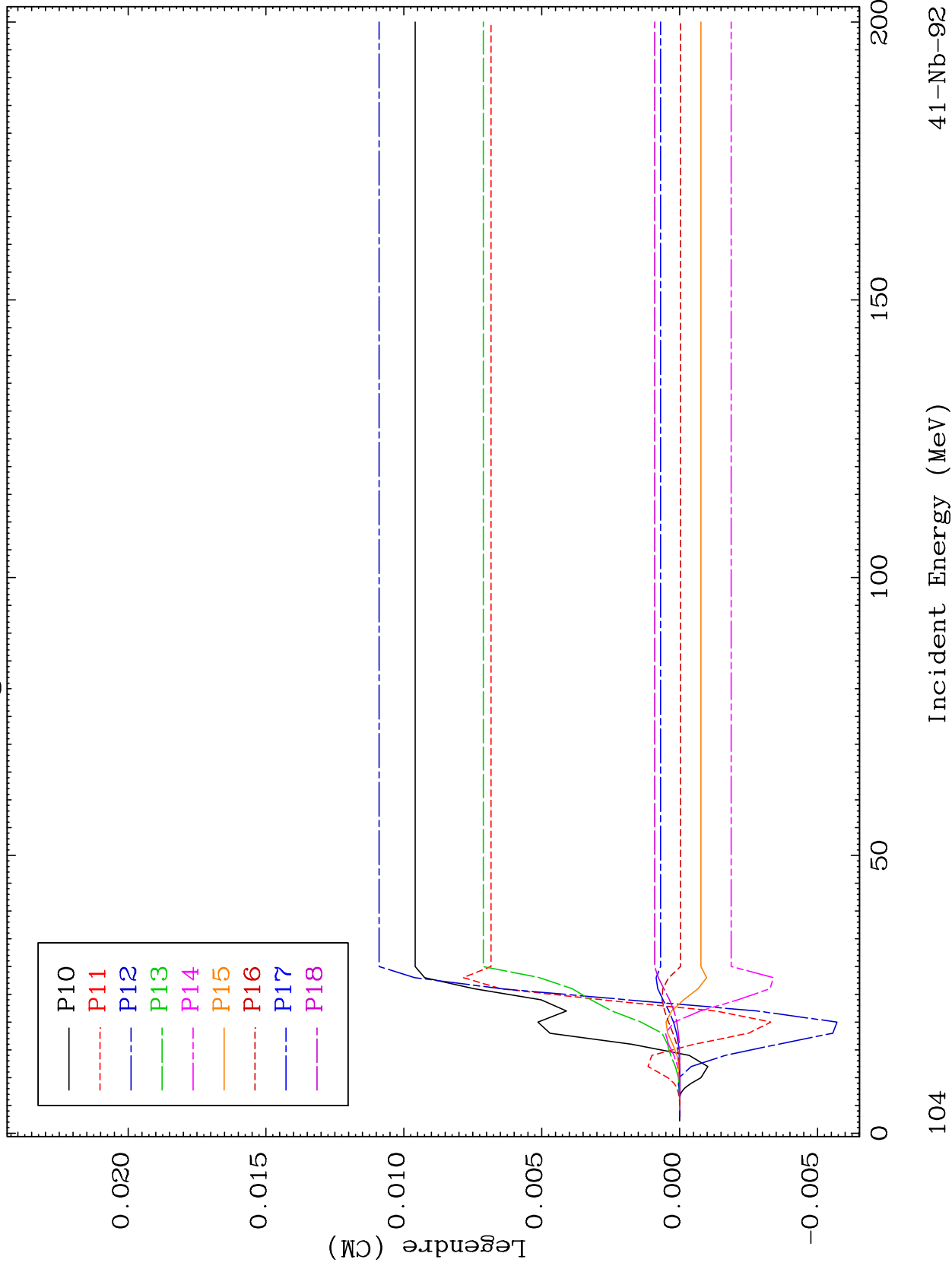
Incident Energy (MeV)

103

MAT 4122

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

41-Nb-92



104

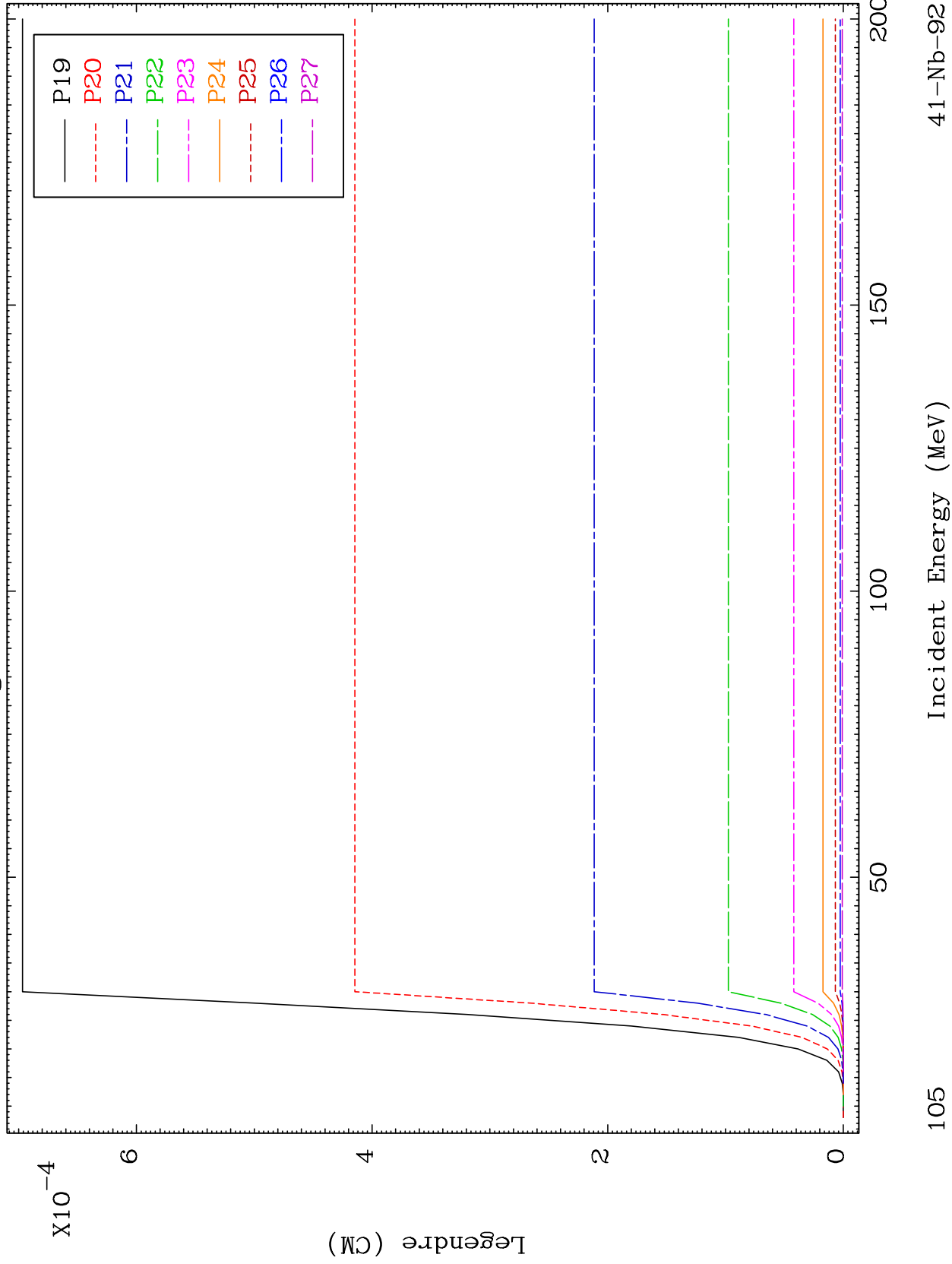
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

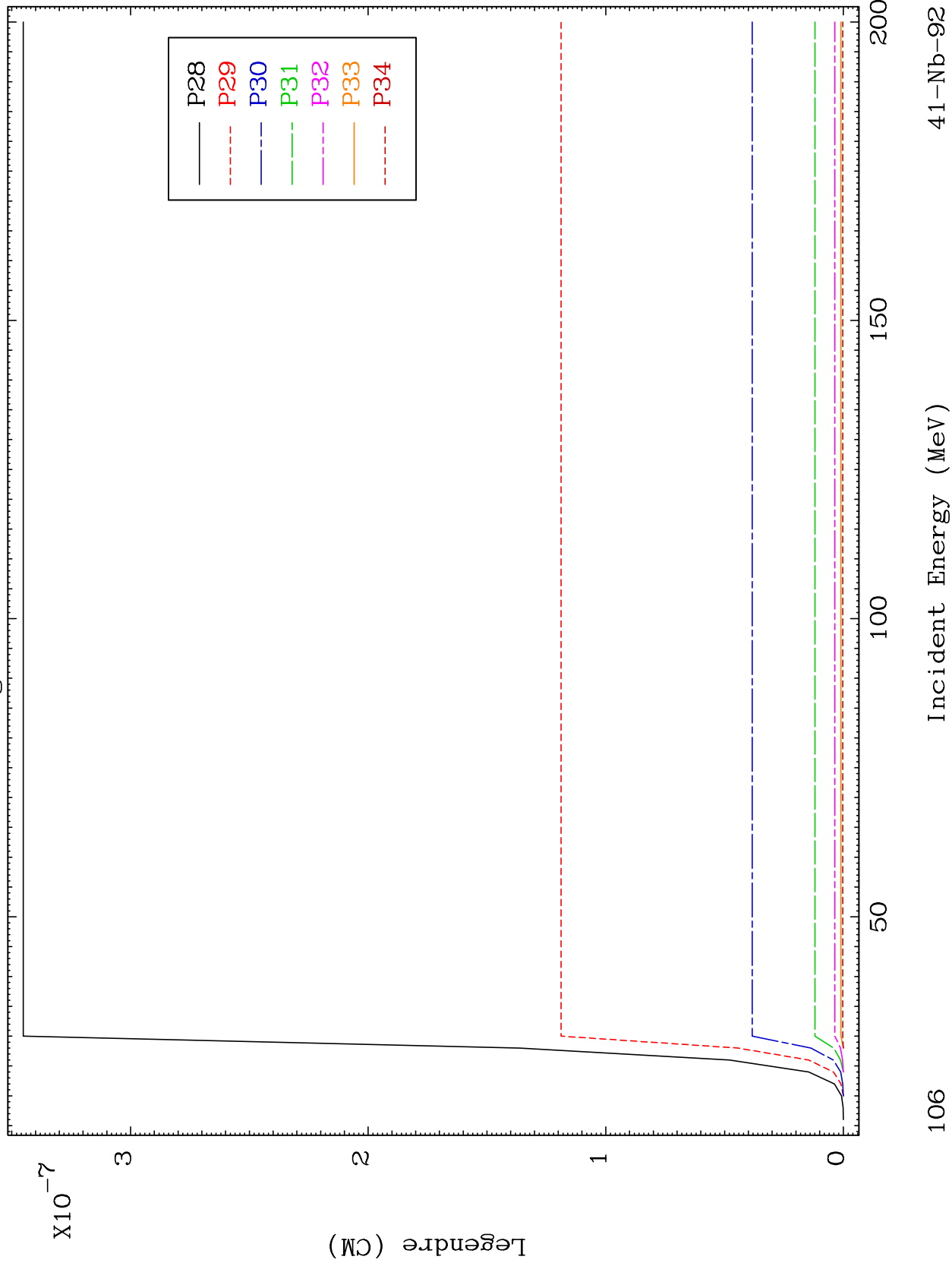
41-Nb-92



MAT 4122

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

41-Nb-92

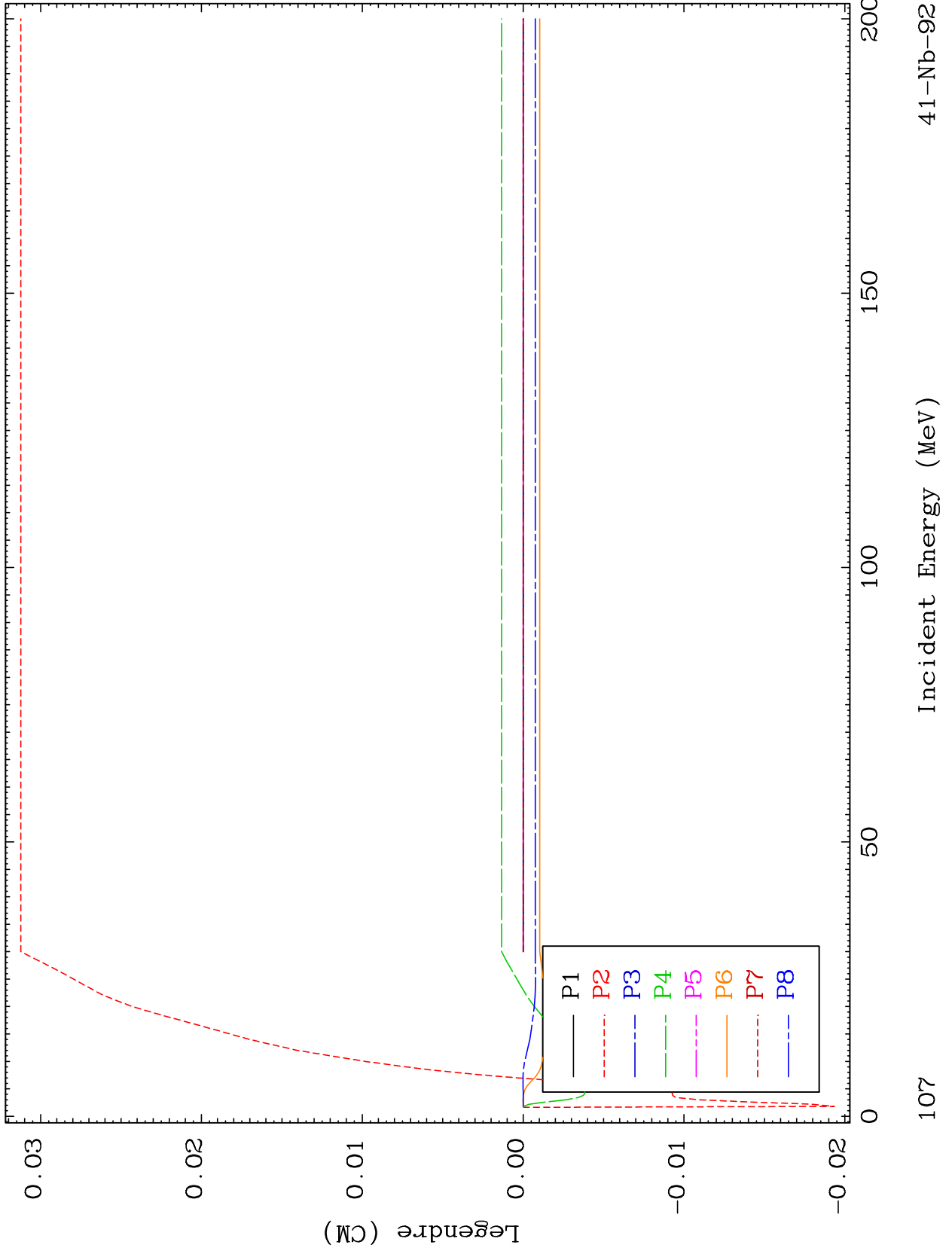


106

MAT 4122

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

41-Nb-92



107

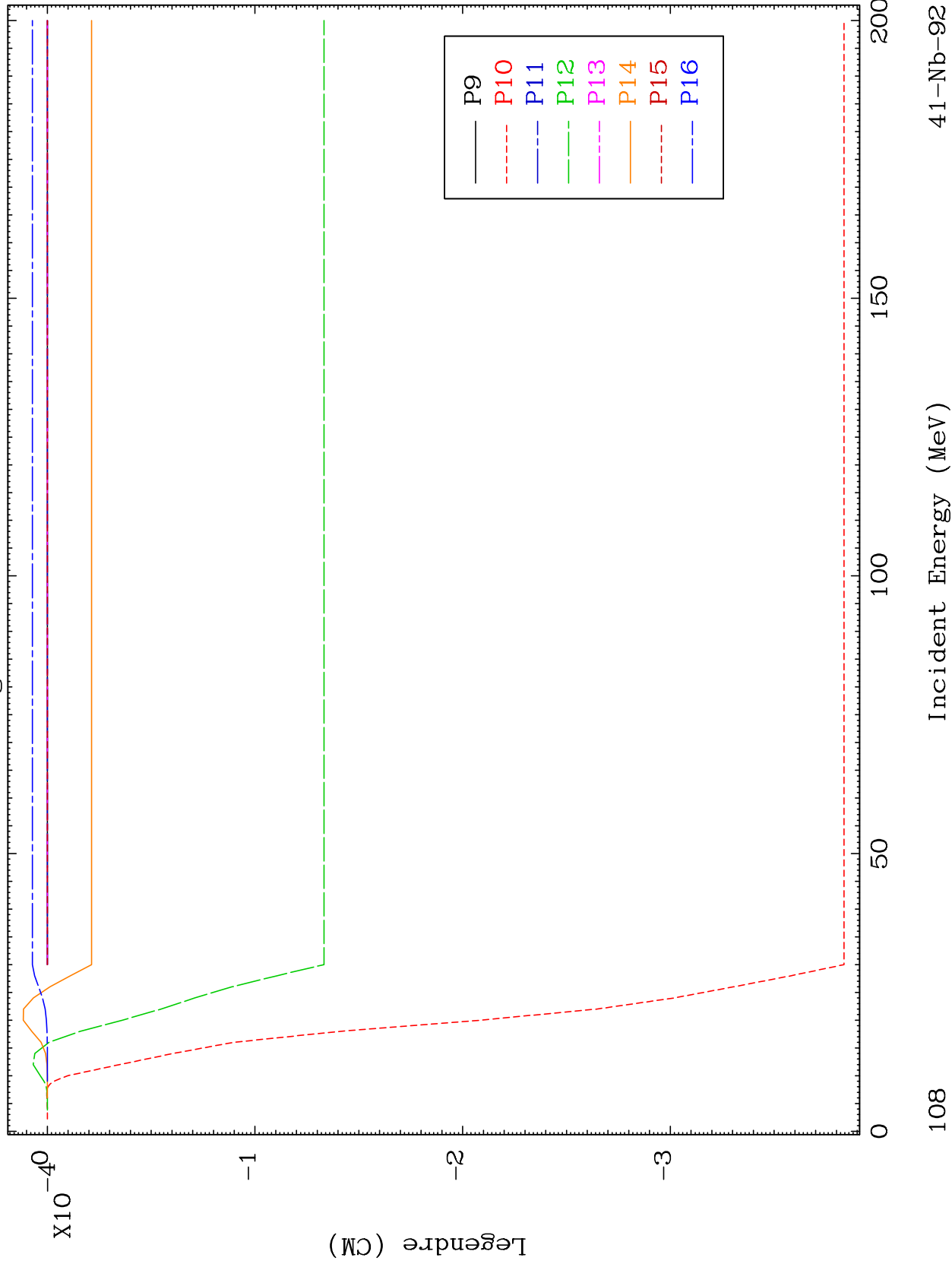
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



108

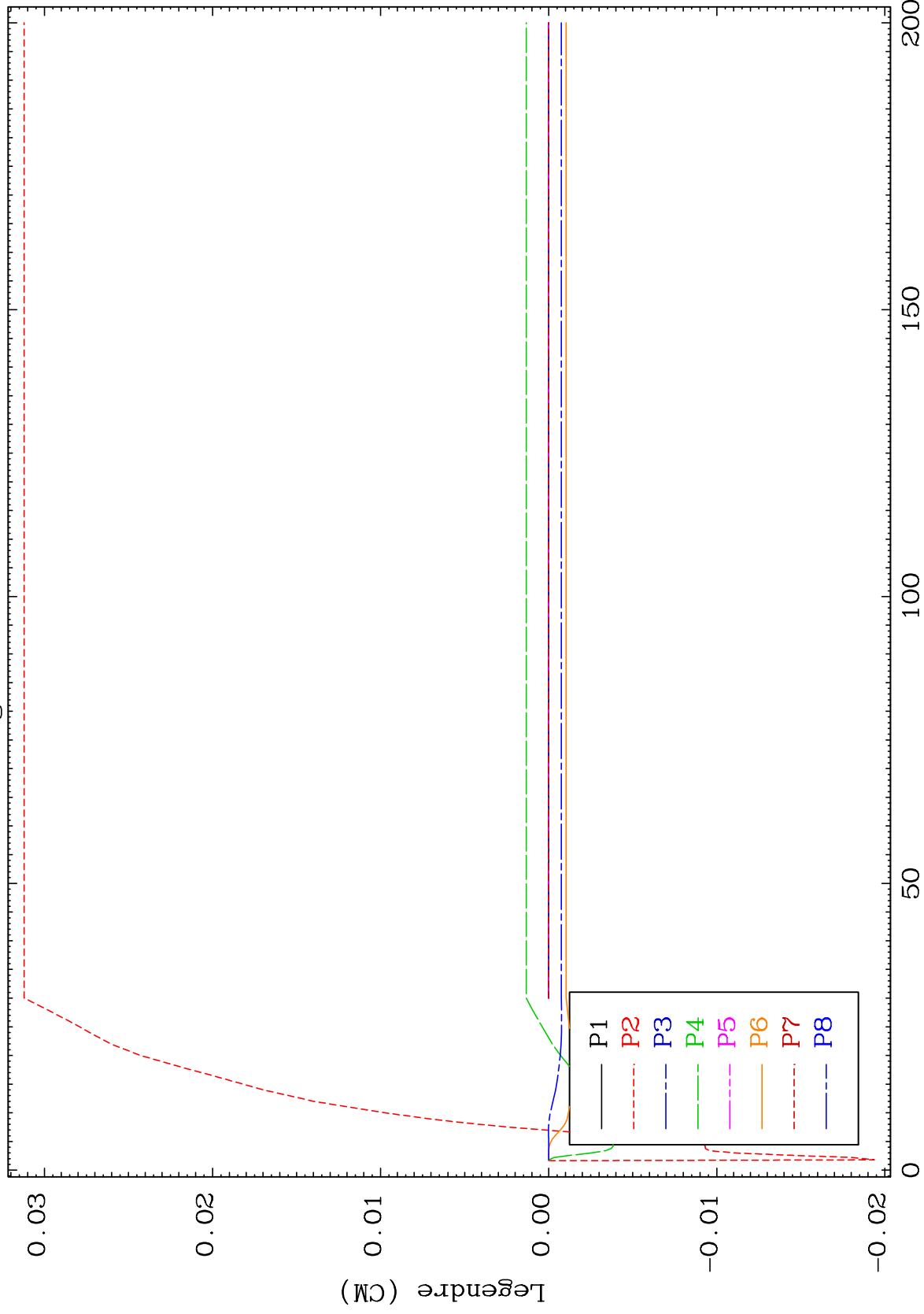
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



110

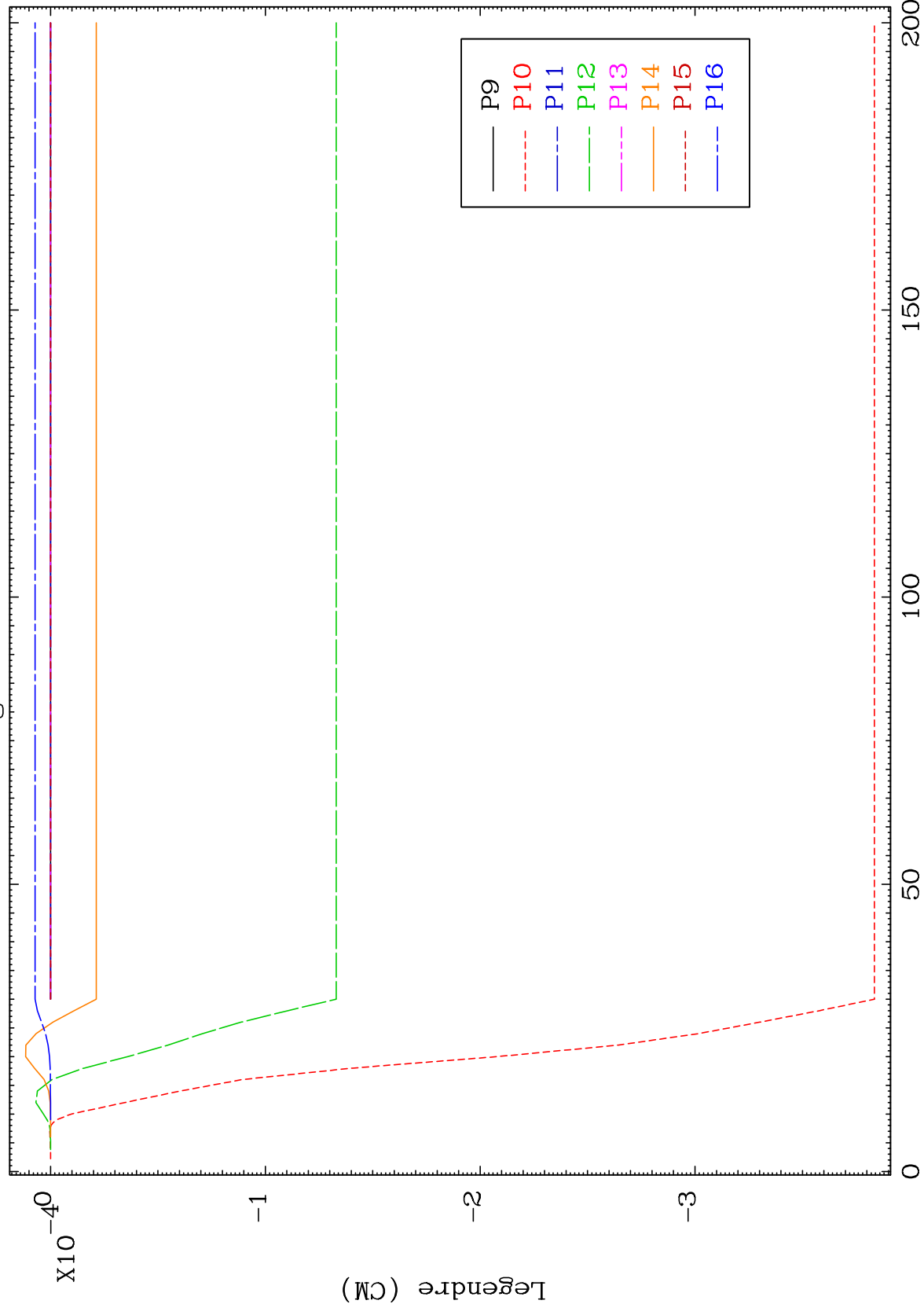
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



111

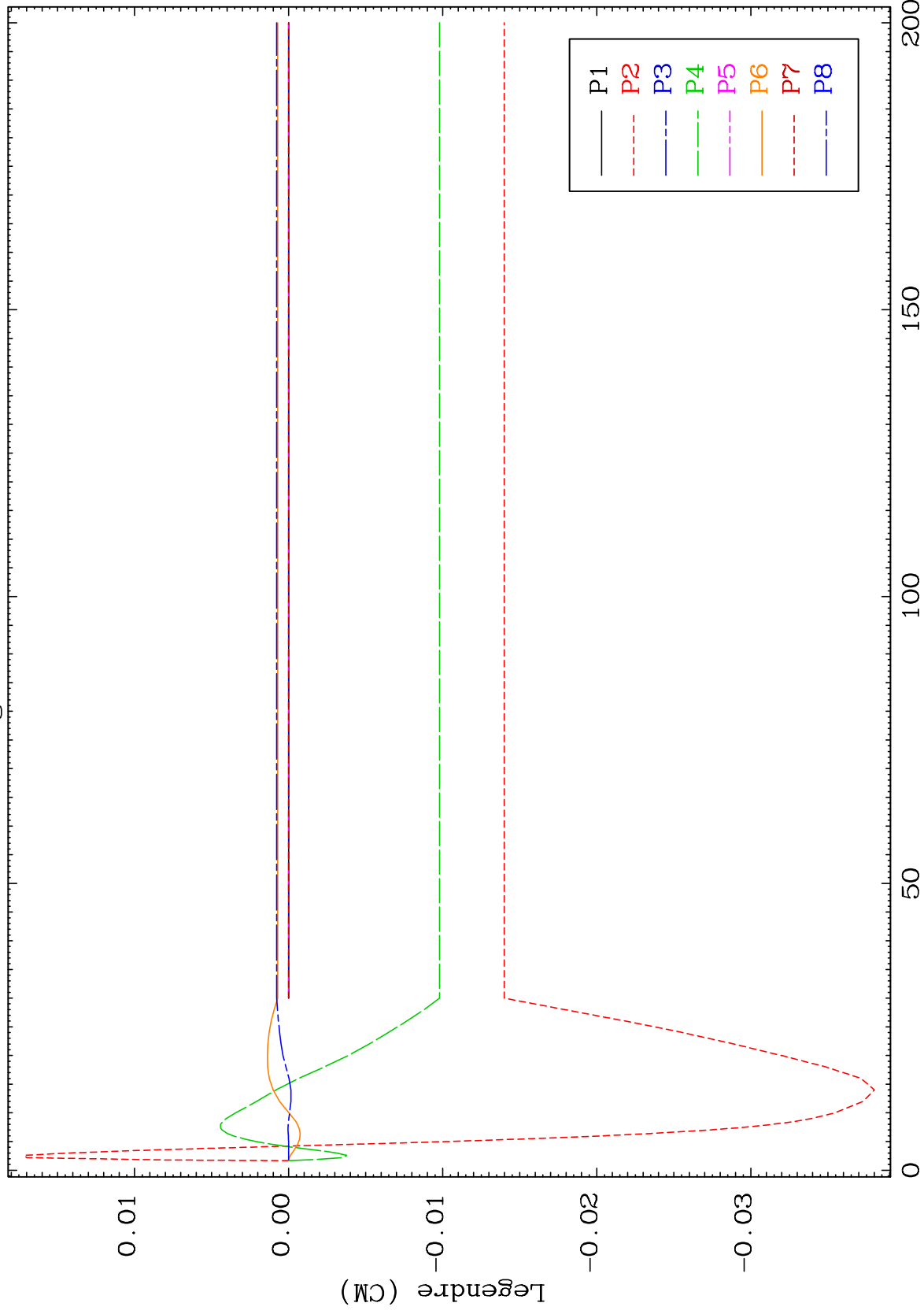
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

41-Nb-92



113

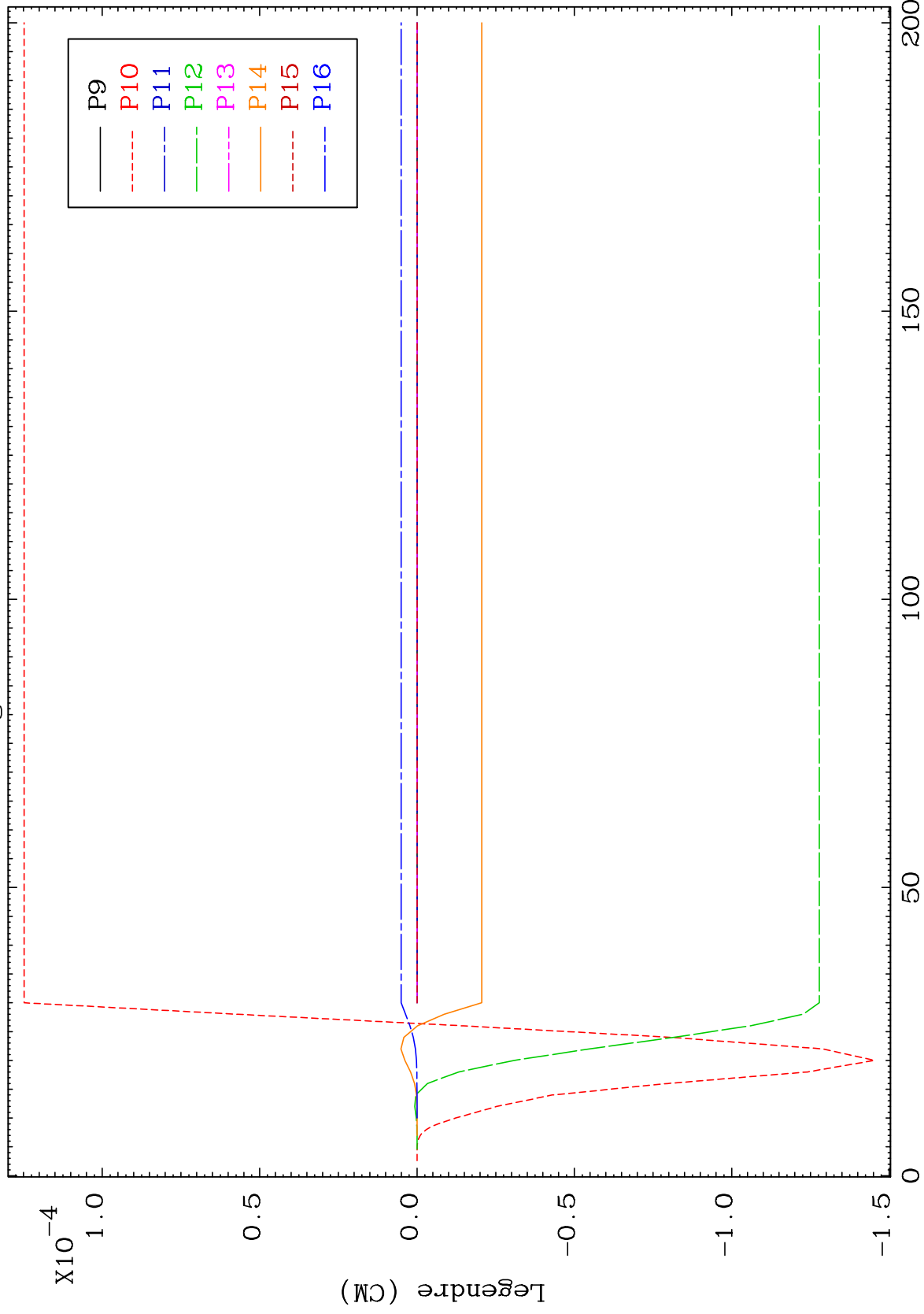
Incident Energy (MeV)

41-Nb-92

MAT 4122

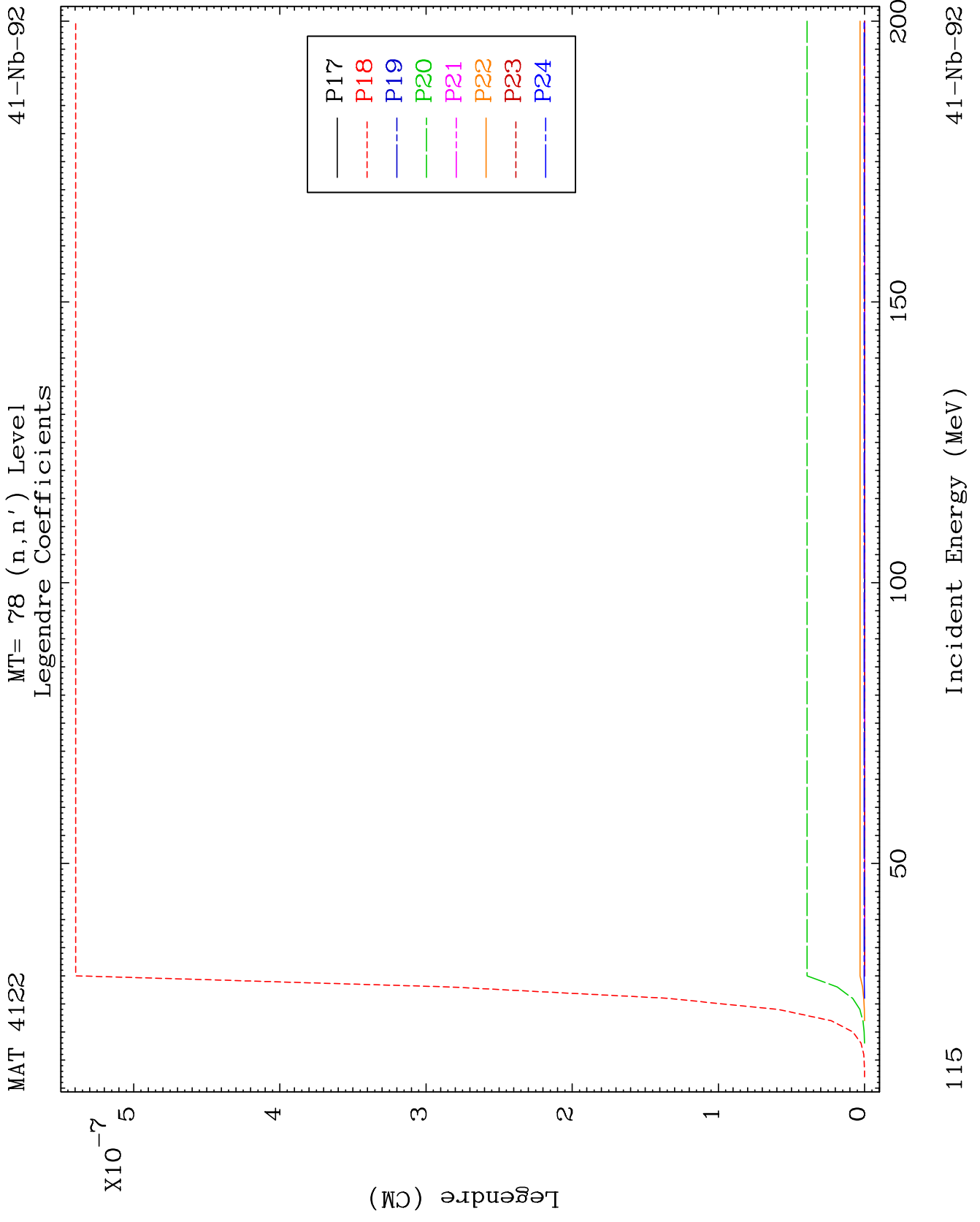
MT= 78 (n,n') Level
Legendre Coefficients

41-Nb-92



114

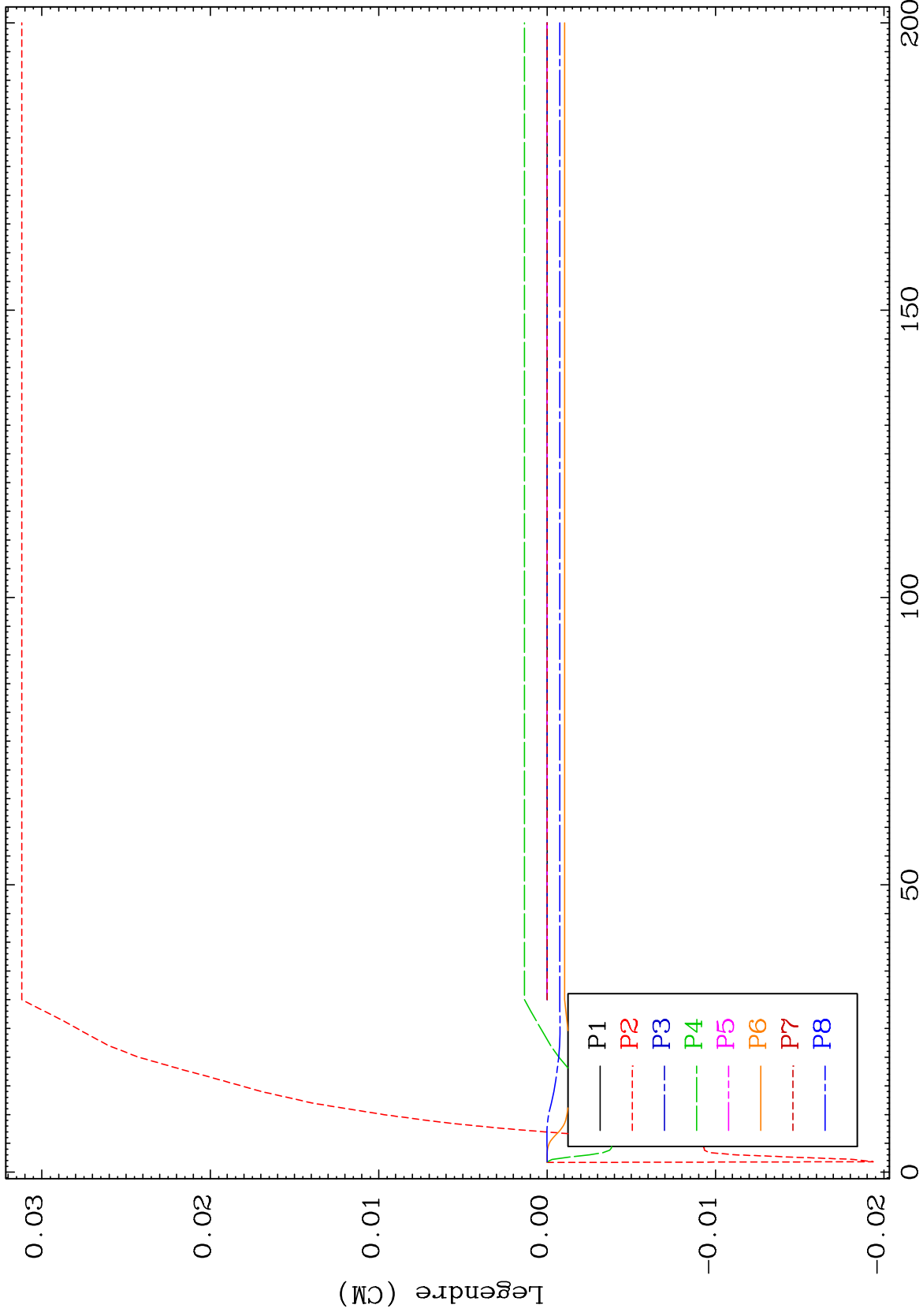
41-Nb-92



MAT 4122

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

41-Nb-92



116

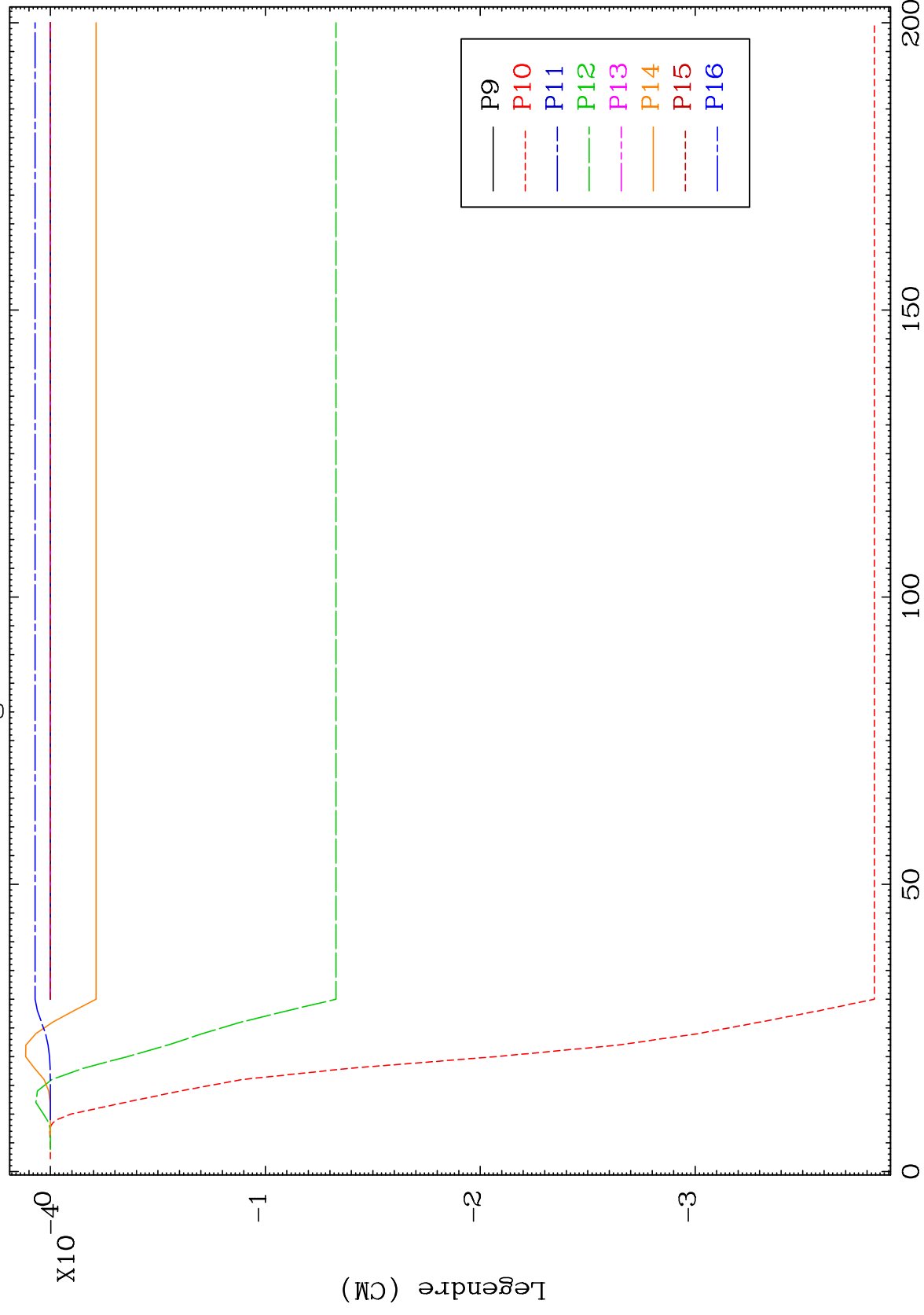
Incident Energy (MeV)

41-Nb-92

MAT 4122

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

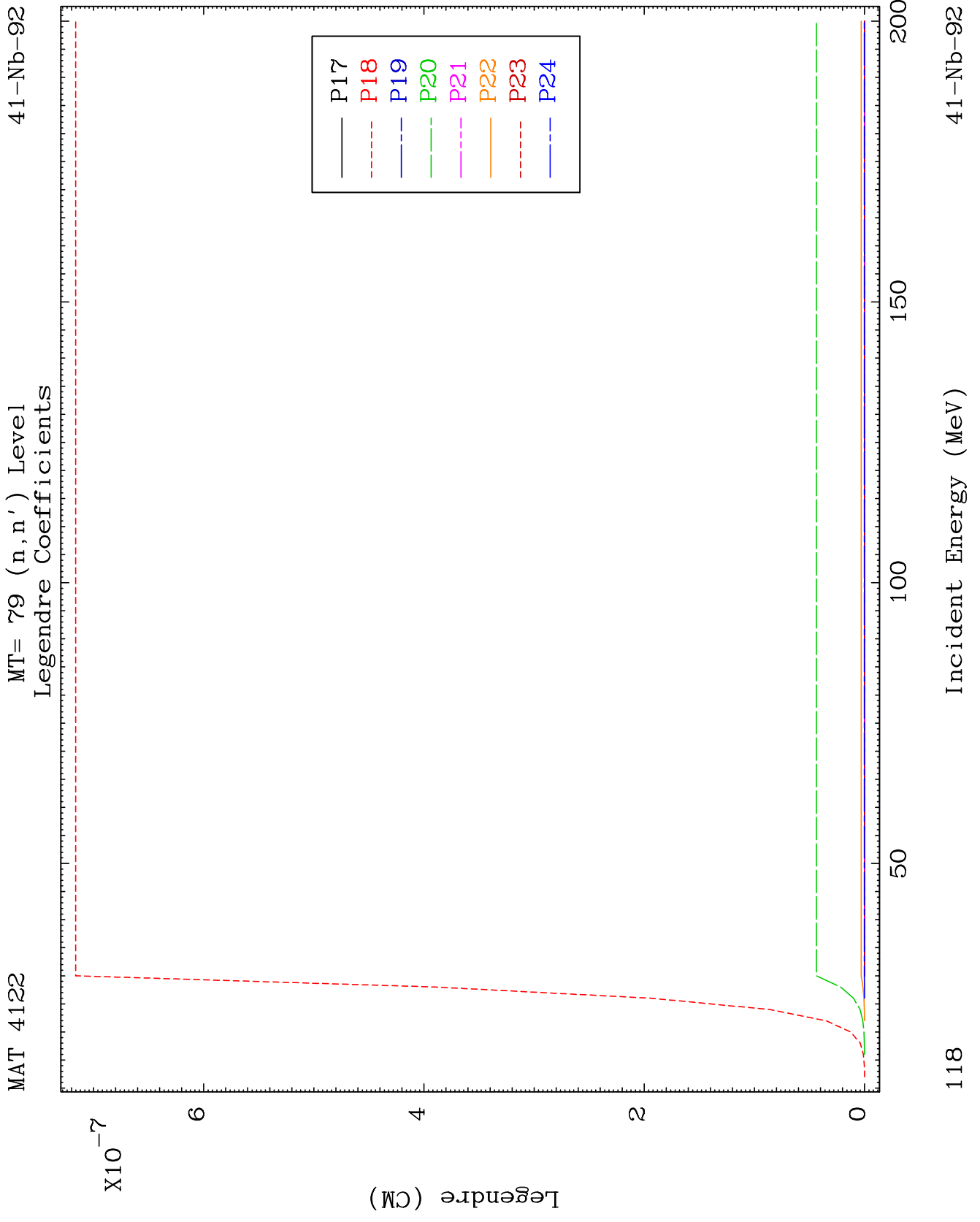
41-Nb-92



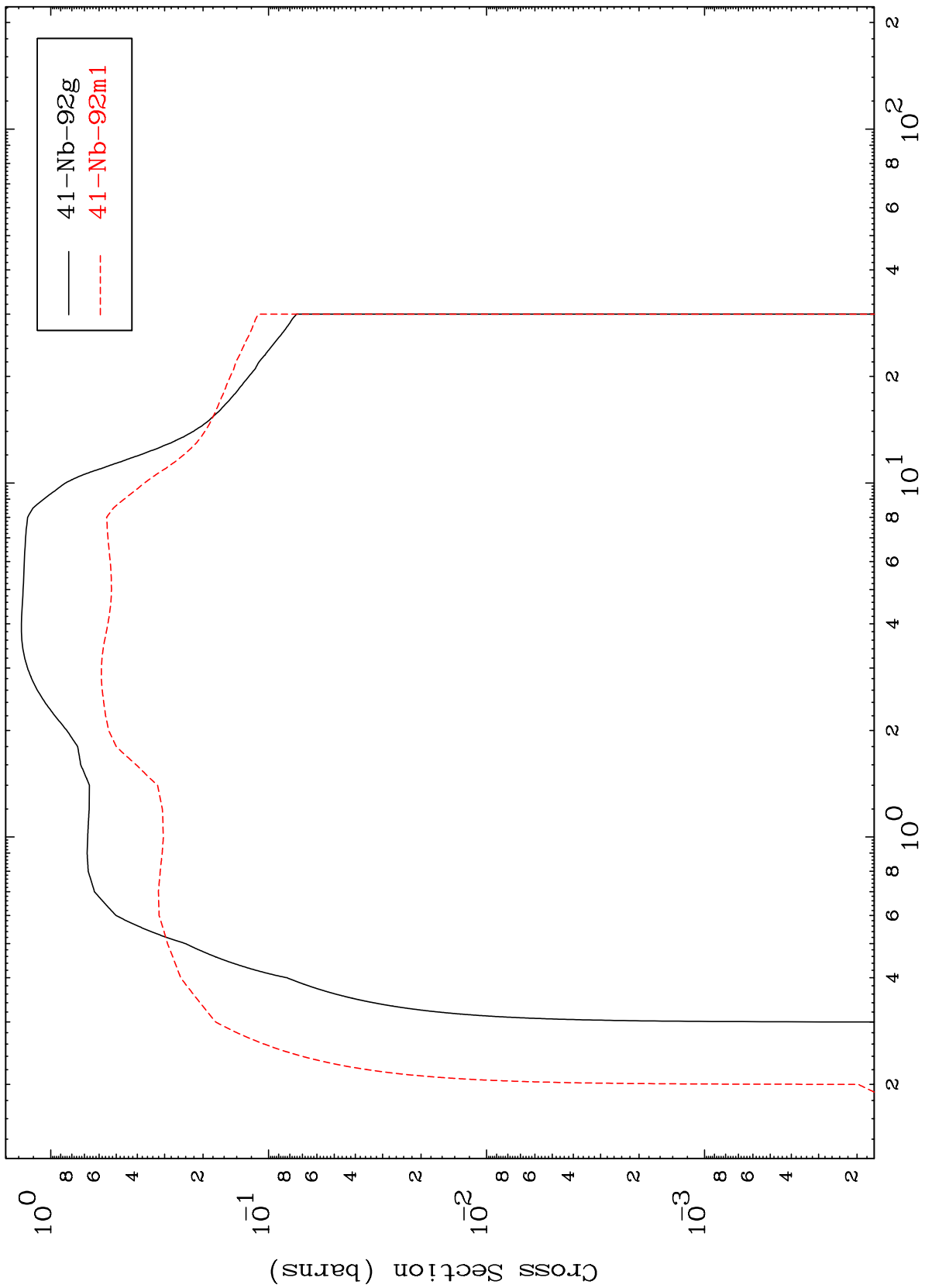
117

Incident Energy (MeV)

41-Nb-92



Inelastic
Radionuclide Production Cross Section



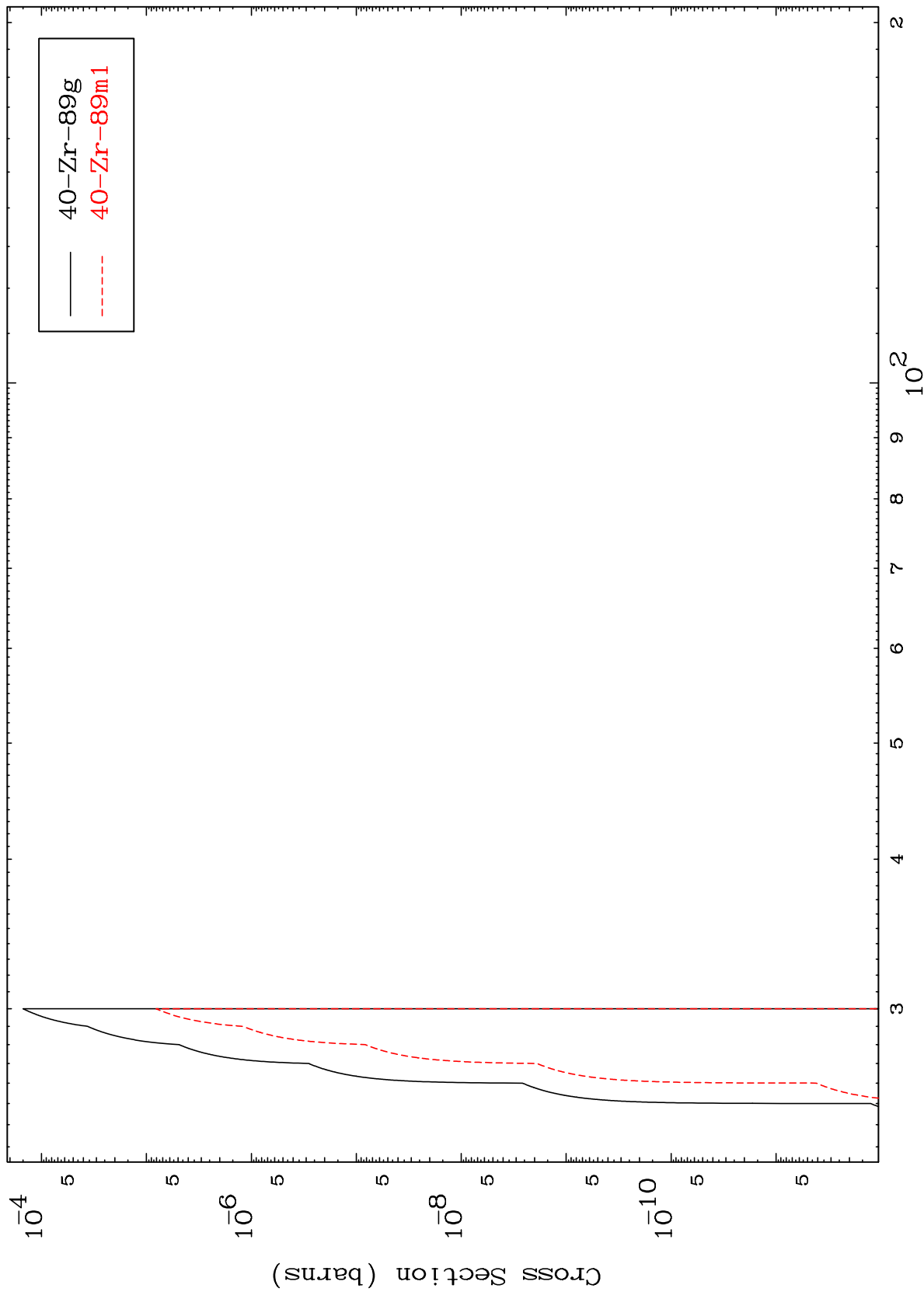
41-Nb-92g
41-Nb-92m1

MAT 4122

(n,2n) d

41-Nb-92

Radionuclide Production Cross Section



120

Incident Energy (MeV)

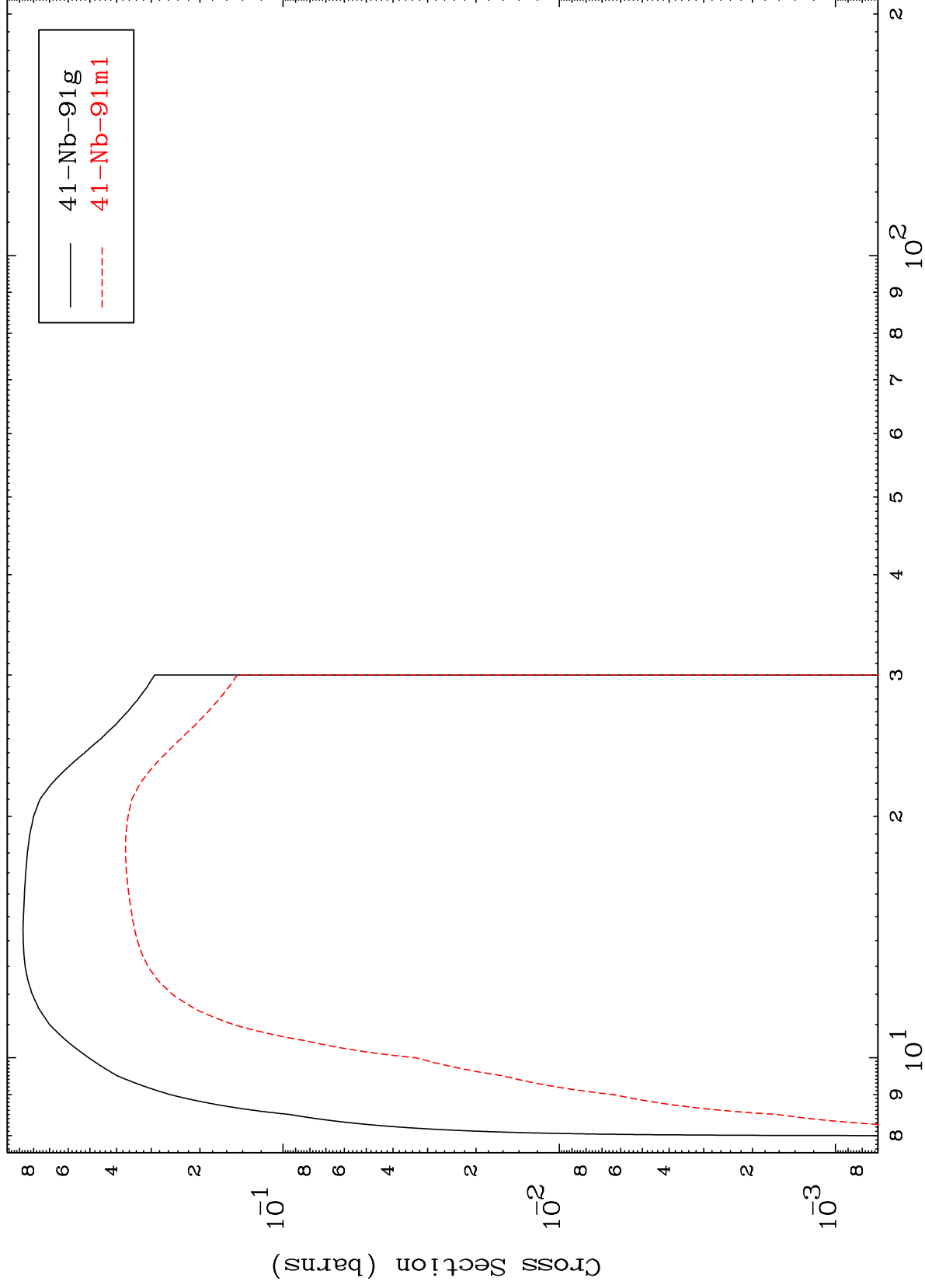
41-Nb-92

MAT 4122

(n,2n)

41-Nb-92

Radionuclide Production Cross Section



121

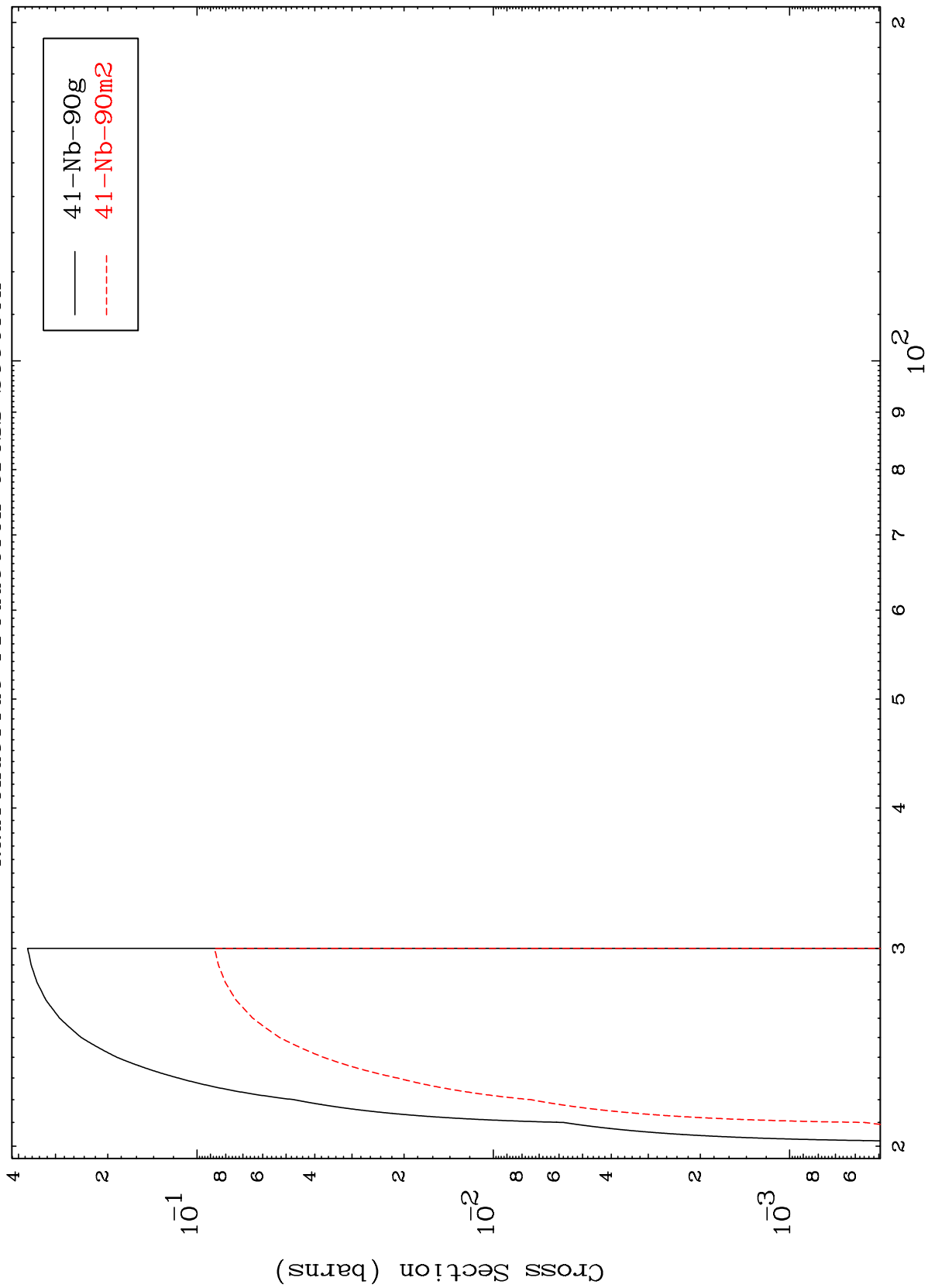
Incident Energy (MeV)

41-Nb-92

MAT 4122

41-Nb-92

(n,3n)
Radionuclide Production Cross Section



122

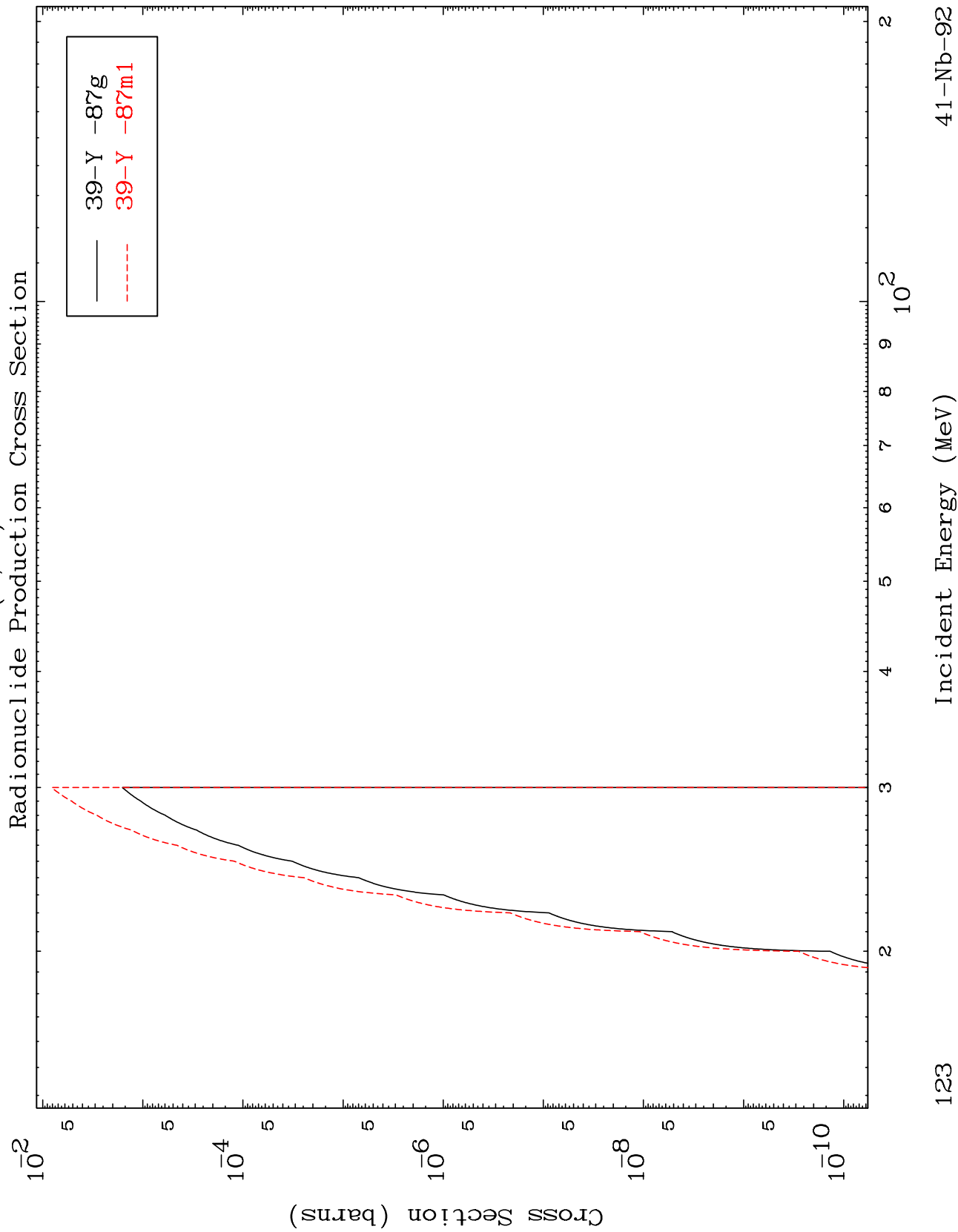
Incident Energy (MeV)

41-Nb-92

MAT 4122

(n,2n) α

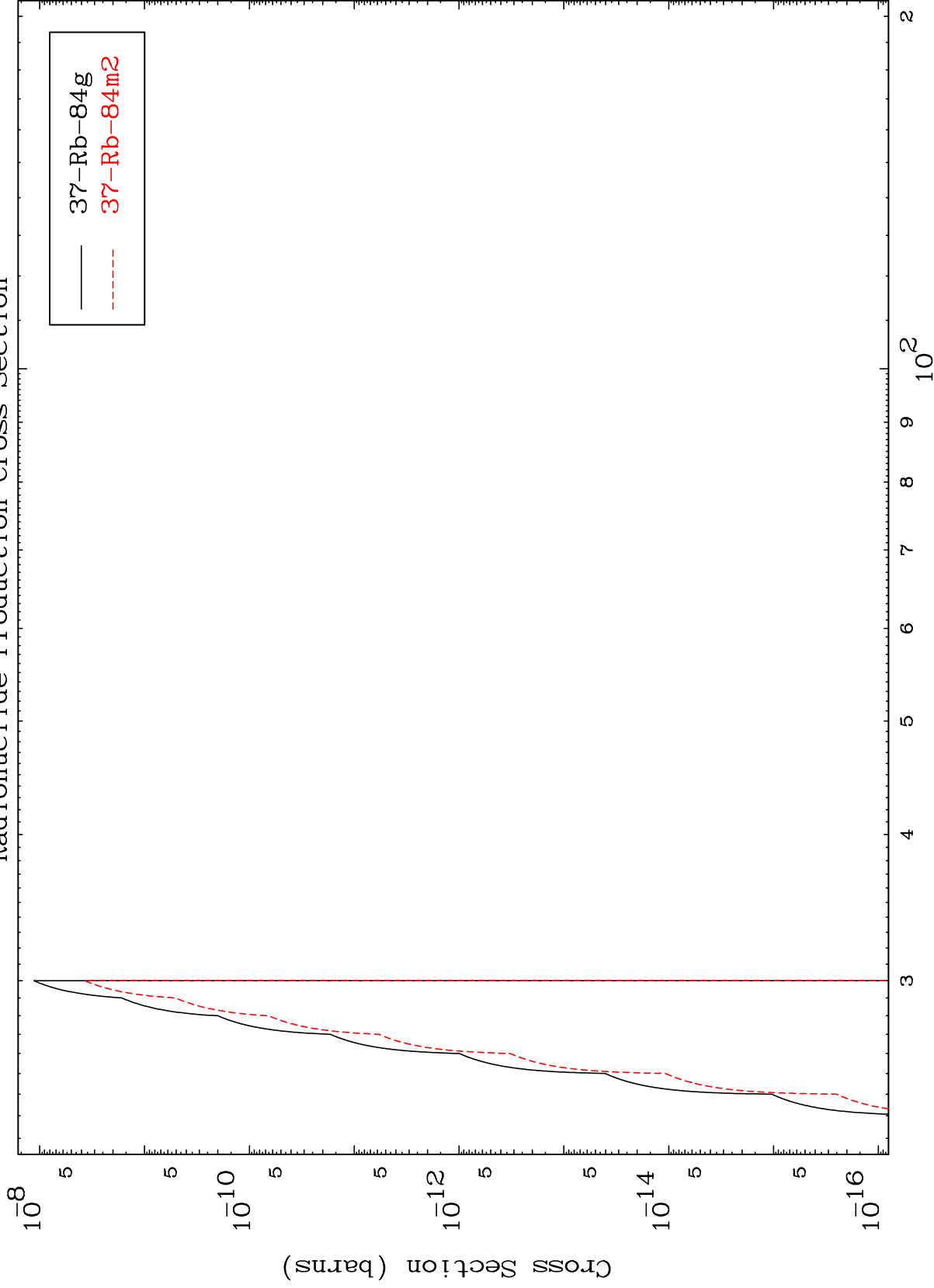
41-Nb-92



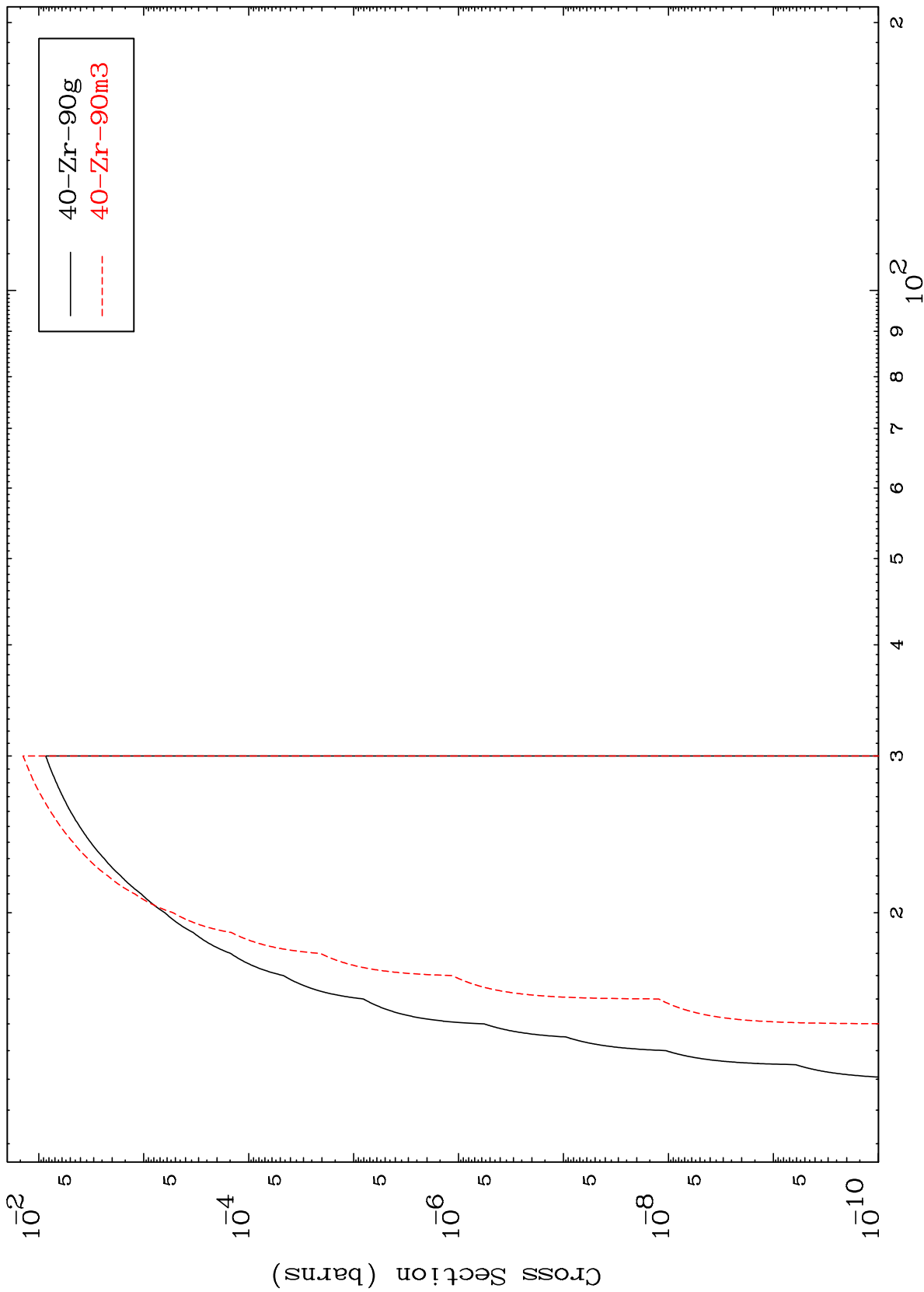
123

41-Nb-92

Radionuclide Production Cross Section

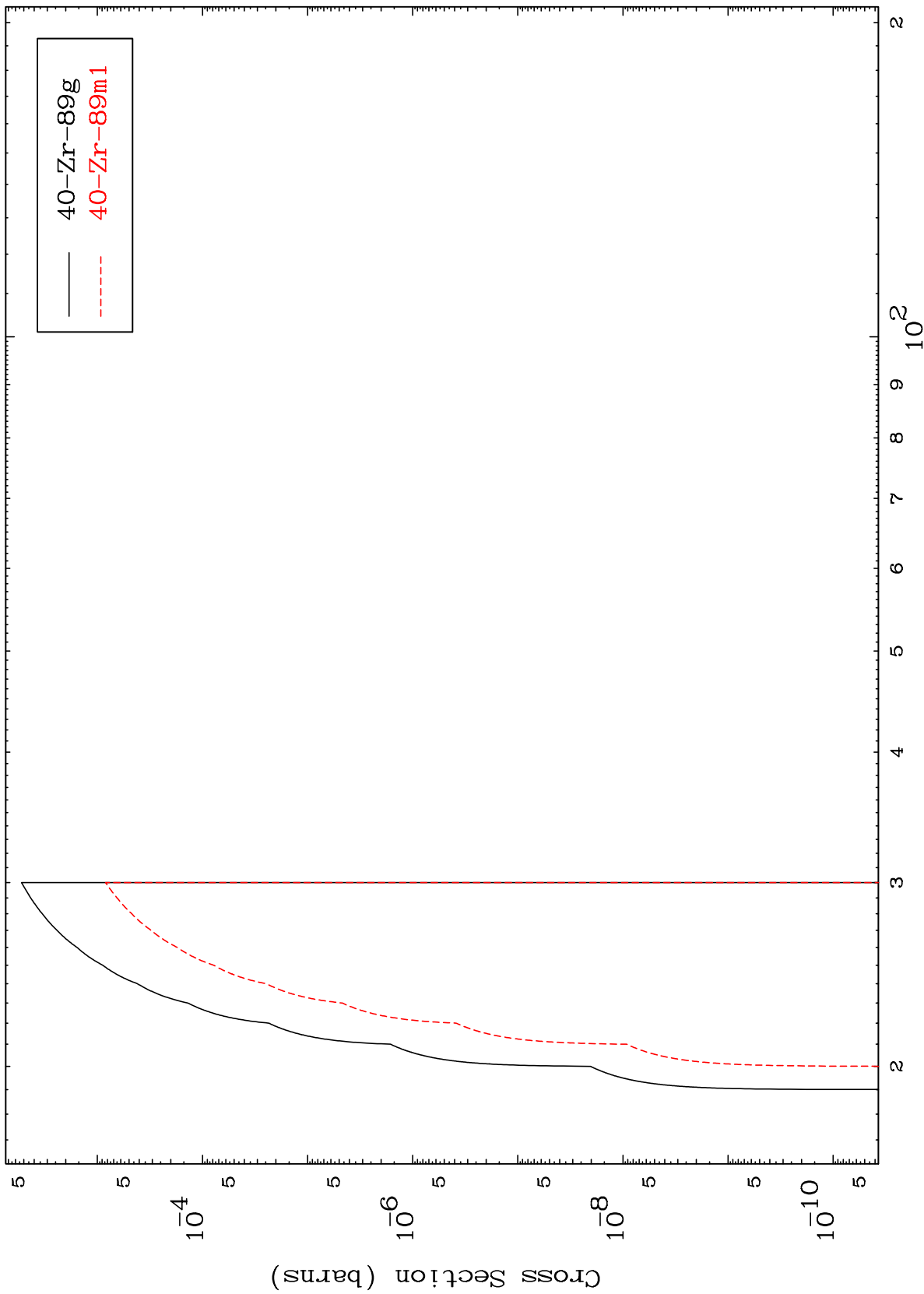


Radionuclide Production Cross Section

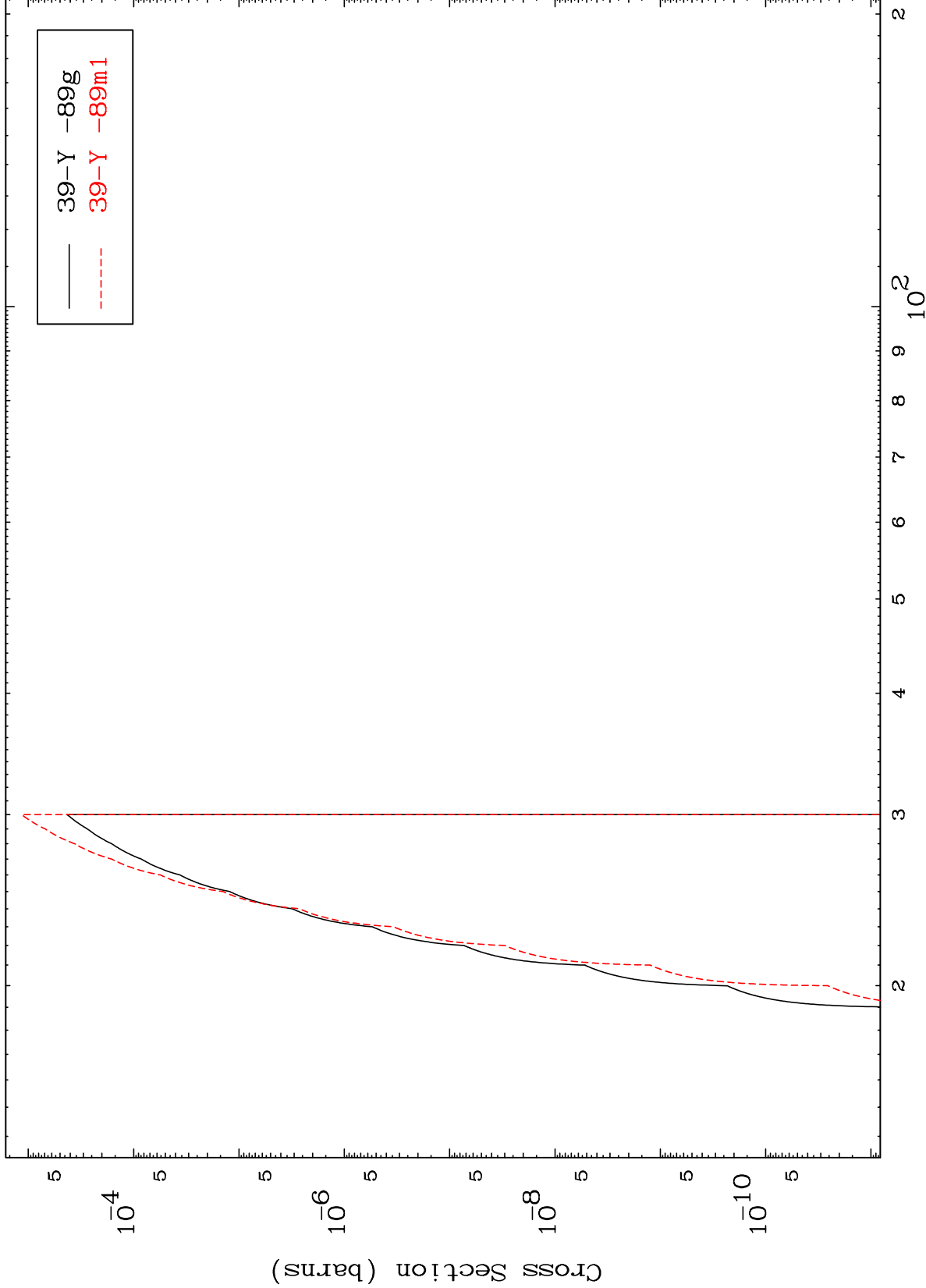


40-Zr-90g
40-Zr-90m3

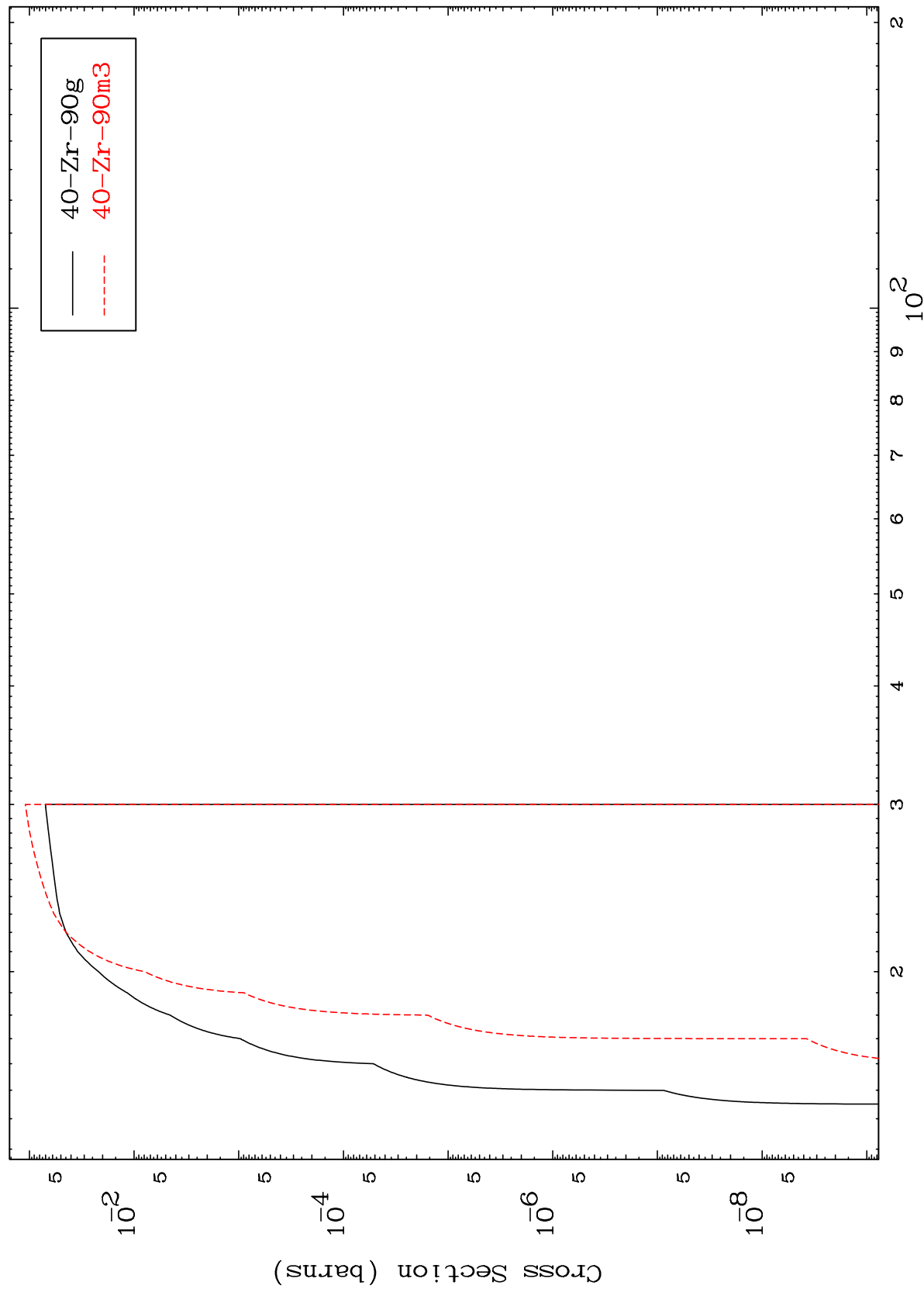
Radionuclide Production Cross Section



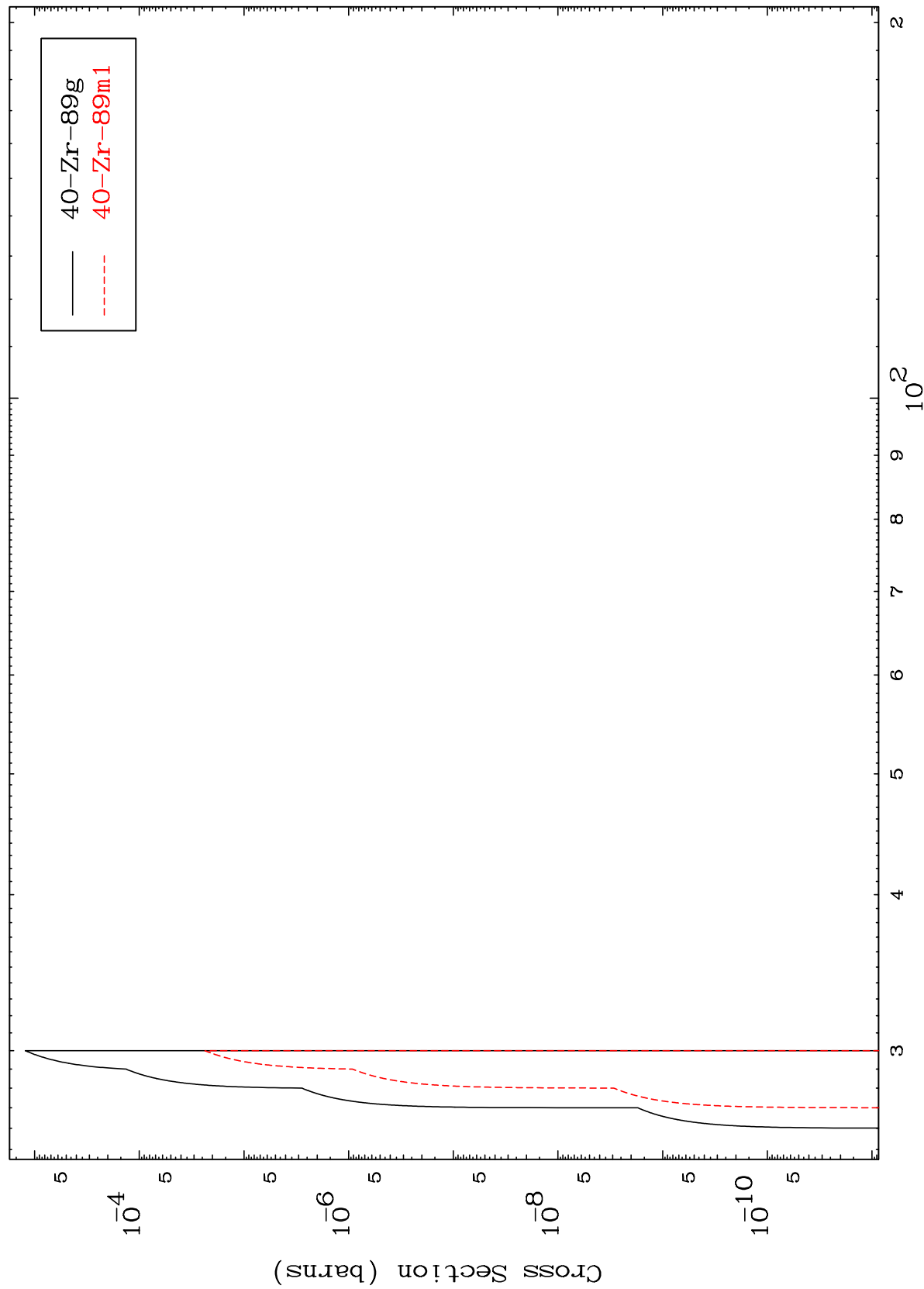
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

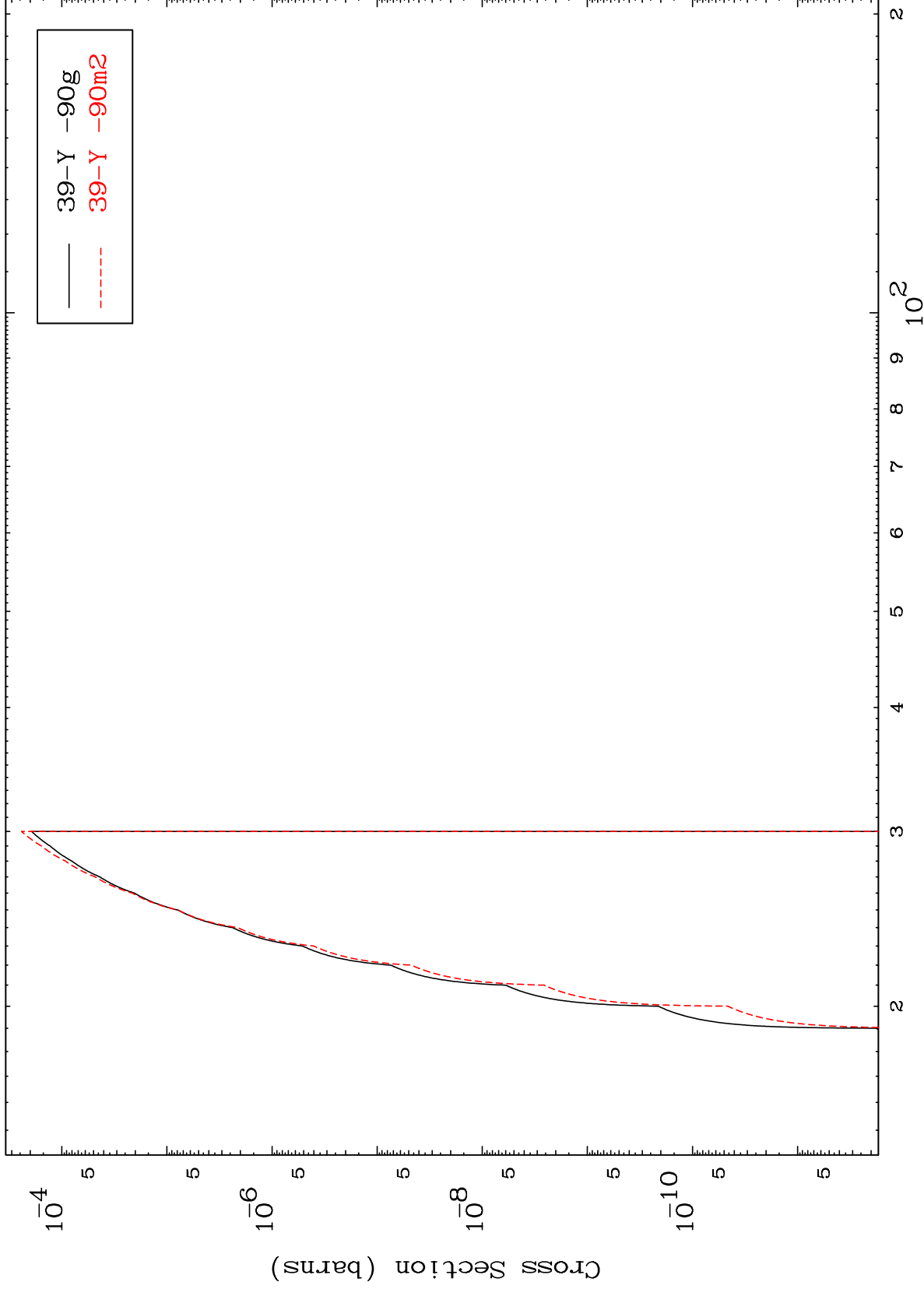


MAT 4122

(n,2n) p

41-Nb-92

Radionuclide Production Cross Section



130

Incident Energy (MeV)

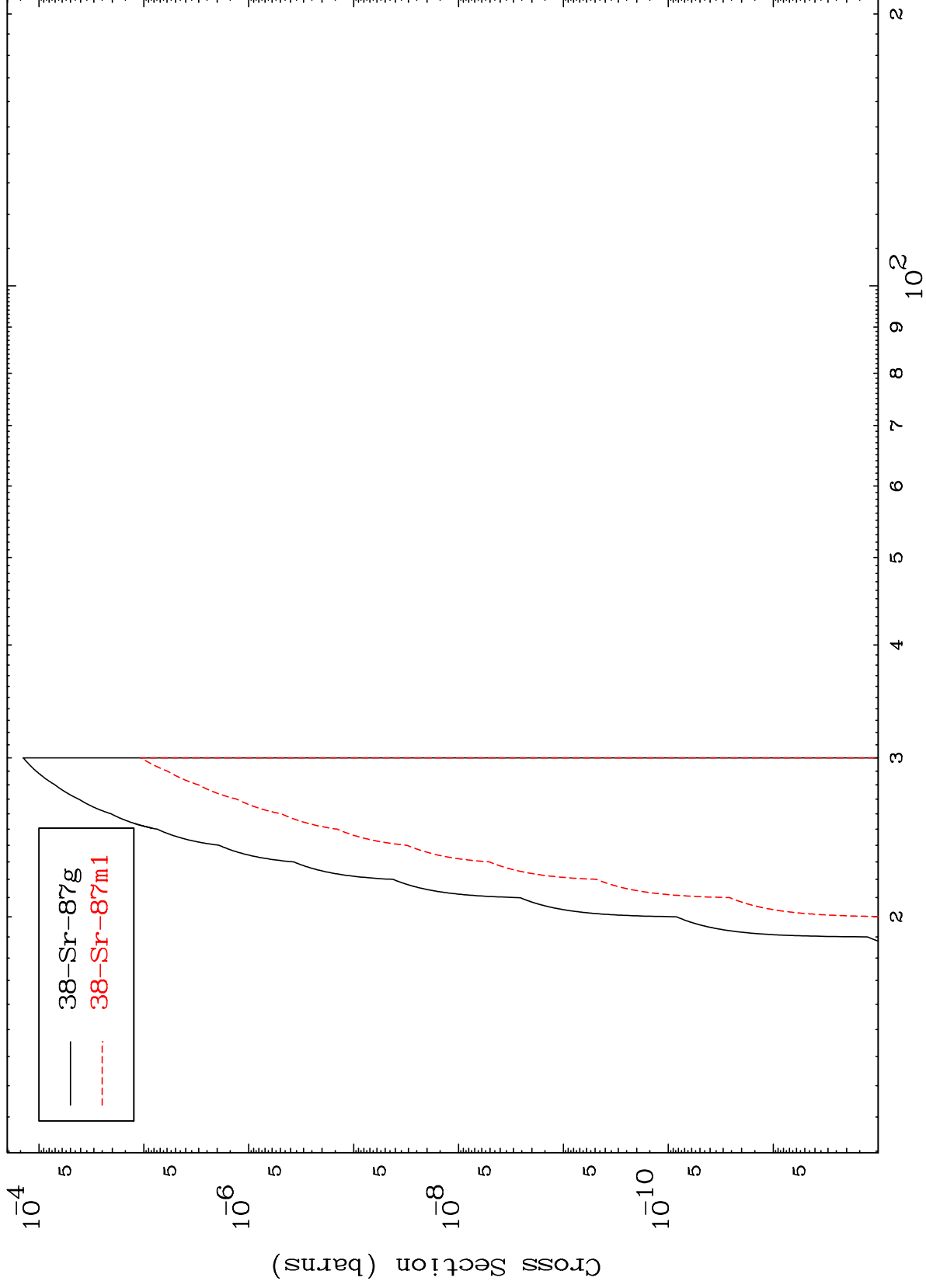
41-Nb-92

MAT 4122

(n,n') p α

41-Nb-92

Radionuclide Production Cross Section



131

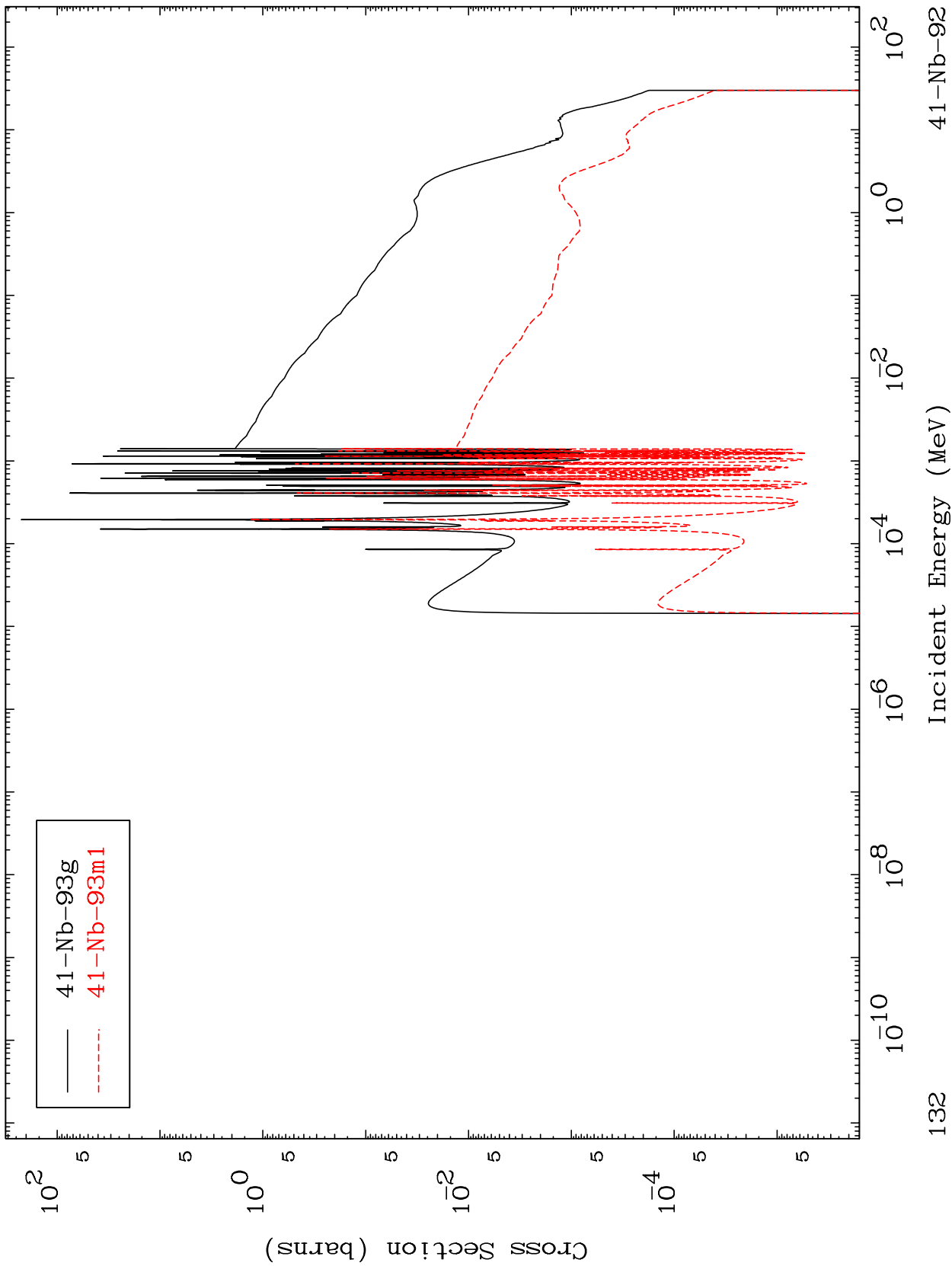
Incident Energy (MeV)

41-Nb-92

MAT 4122

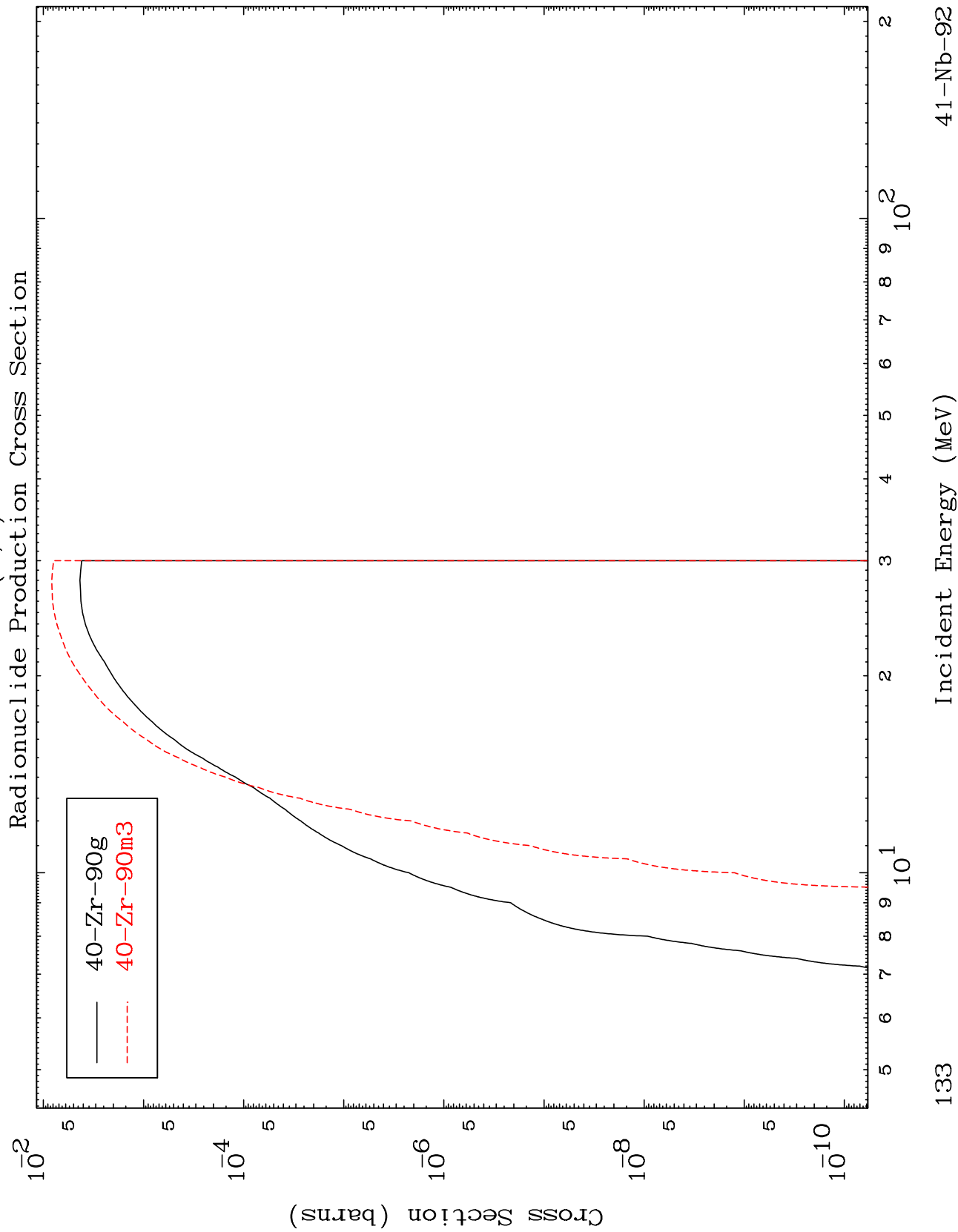
41-Nb-92

(n, γ)
Radionuclide Production Cross Section



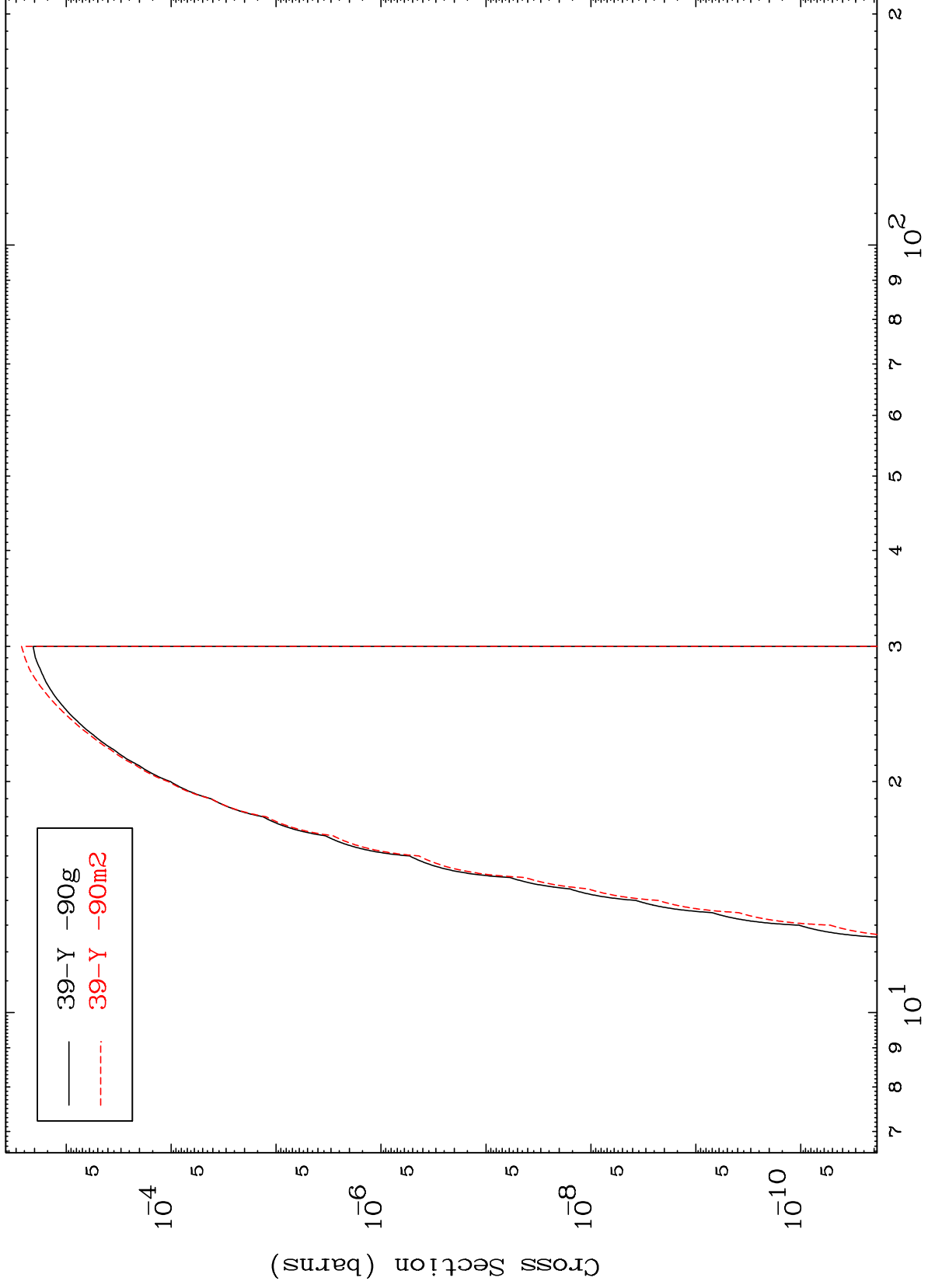
MAT 4122

41-Nb-92



133

Radionuclide Production Cross Section

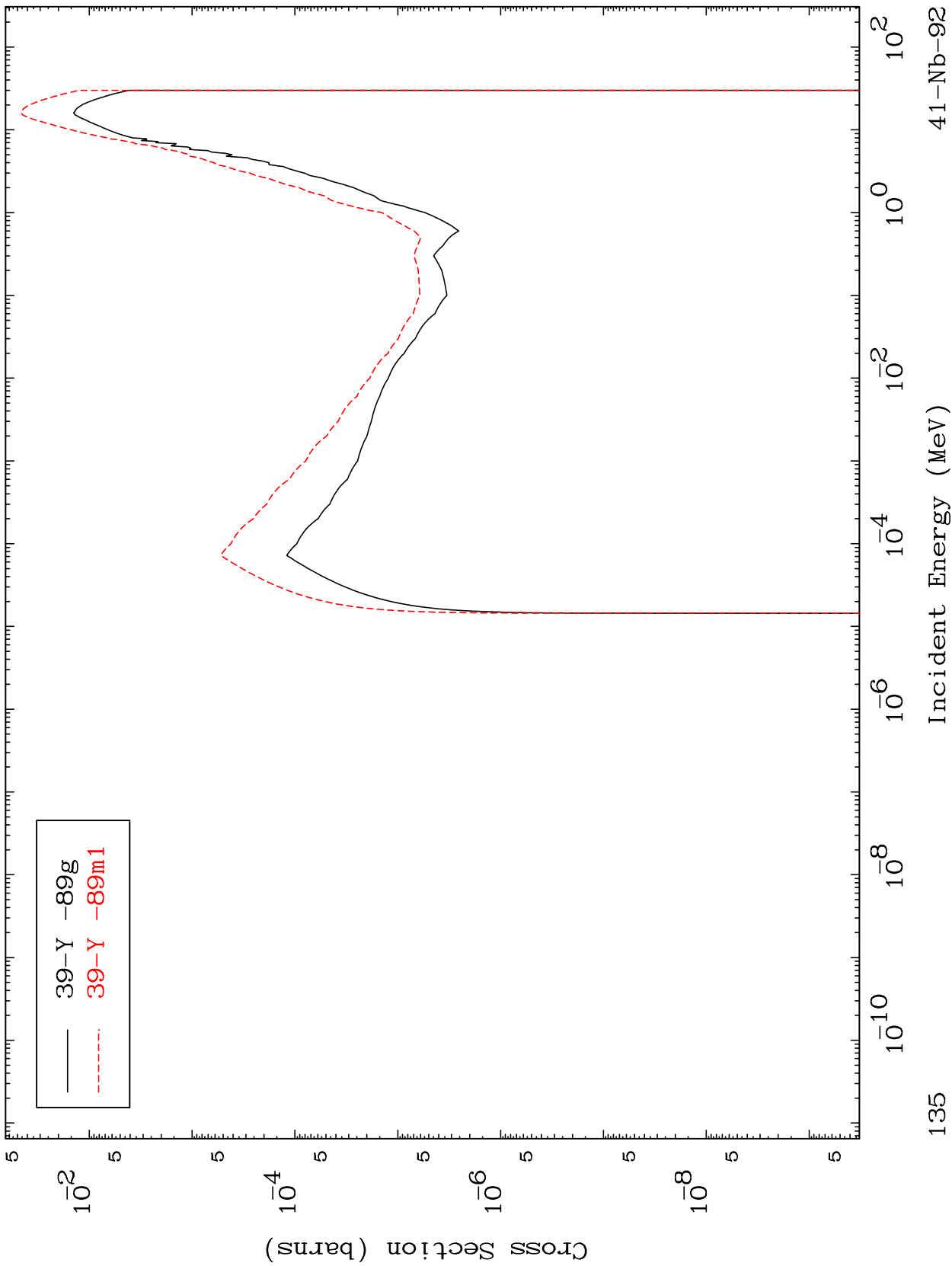


39-Y -90g
39-Y -90m2

MAT 4122

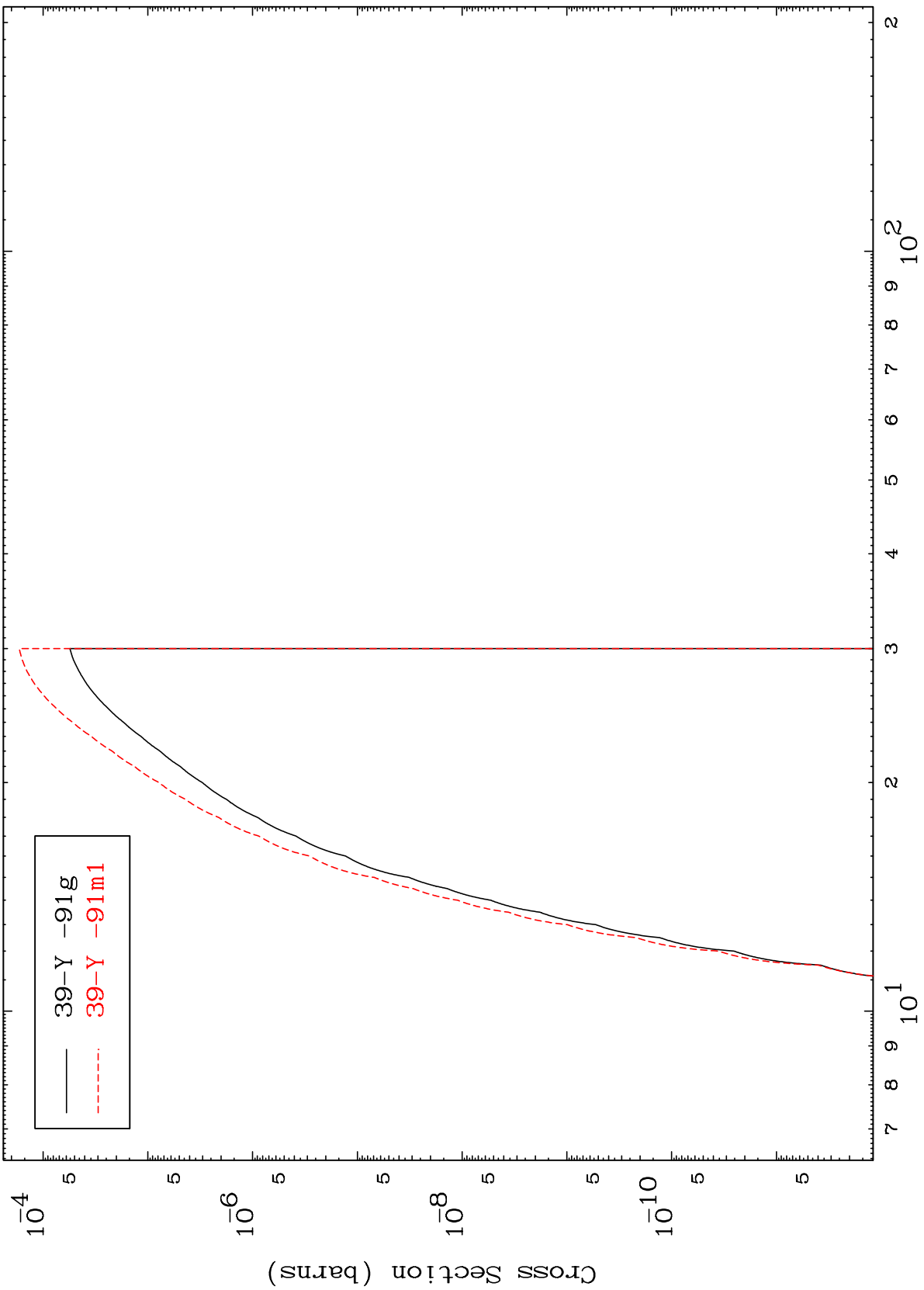
41-Nb-92

(n, α)
Radionuclide Production Cross Section



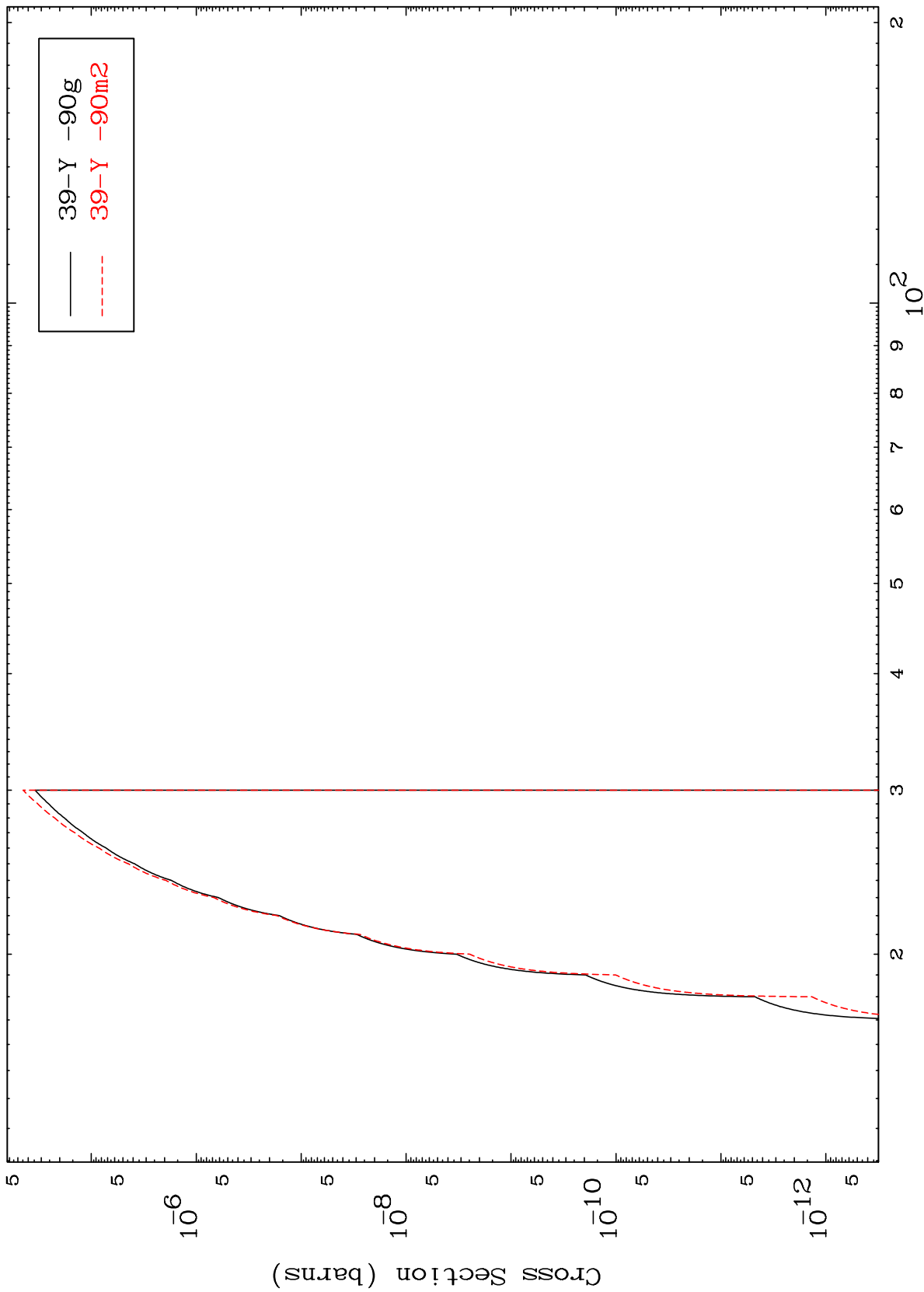
135

(n,2p)
Radionuclide Production Cross Section

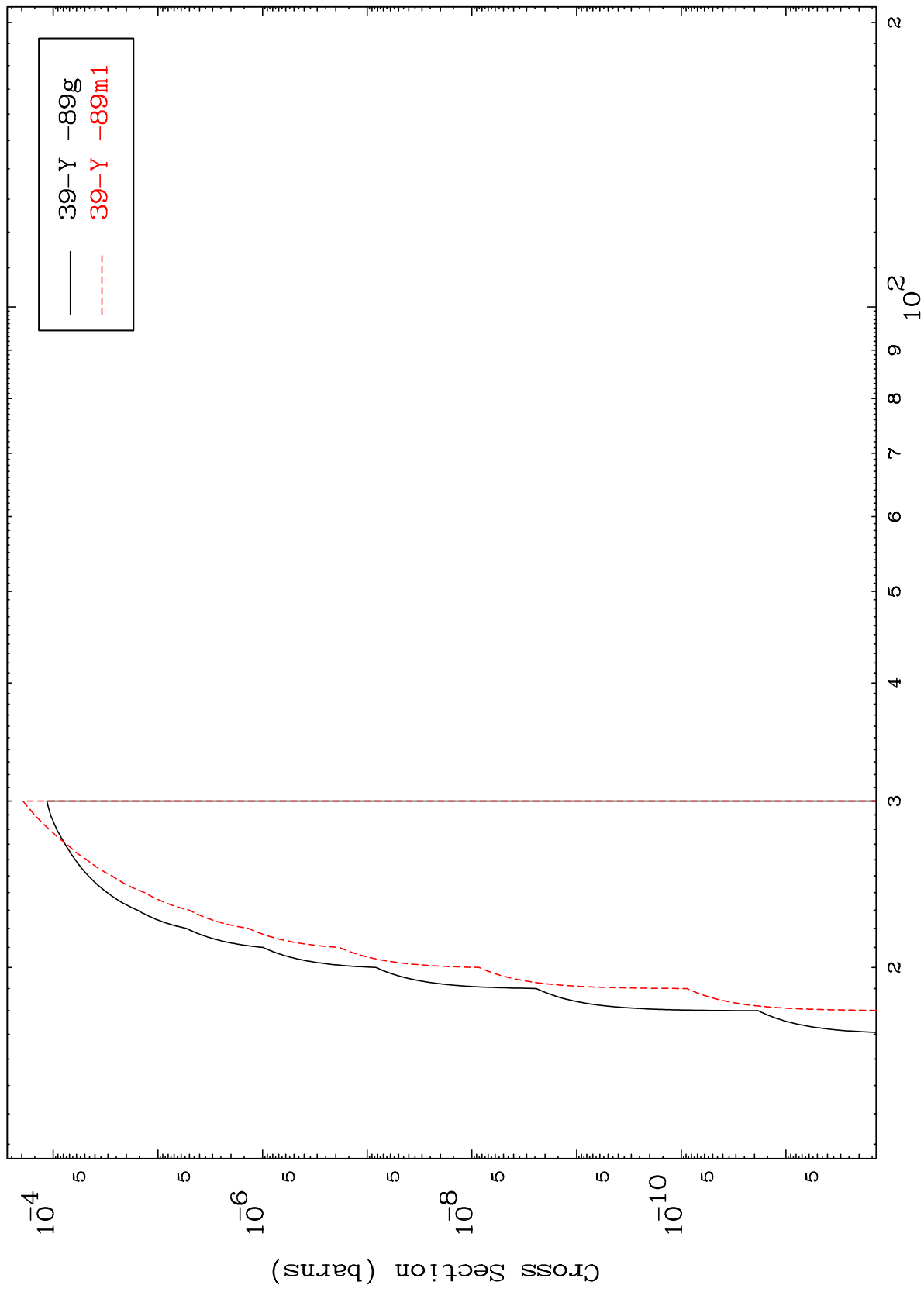


— 39-Y -91g
- - - 39-Y -91m1

Radionuclide Production Cross Section



Radionuclide Production Cross Section

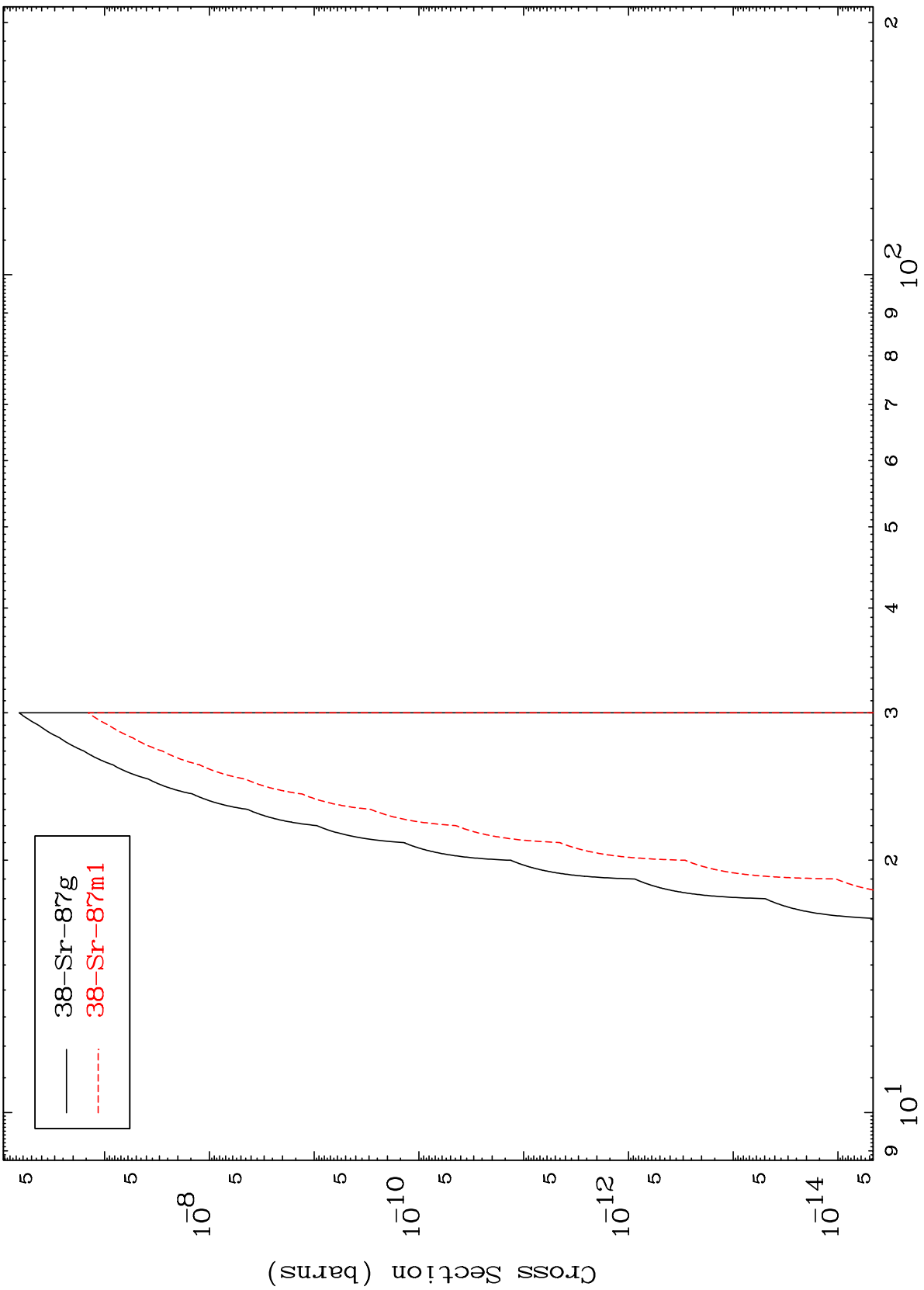


MAT 4122

(n,d) α

41-Nb-92

Radionuclide Production Cross Section



— 38-Sr-87g
- - - 38-Sr-87m1

139

Incident Energy (MeV)

41-Nb-92