

Program EVALPLOT
(Version 2017-1)

by

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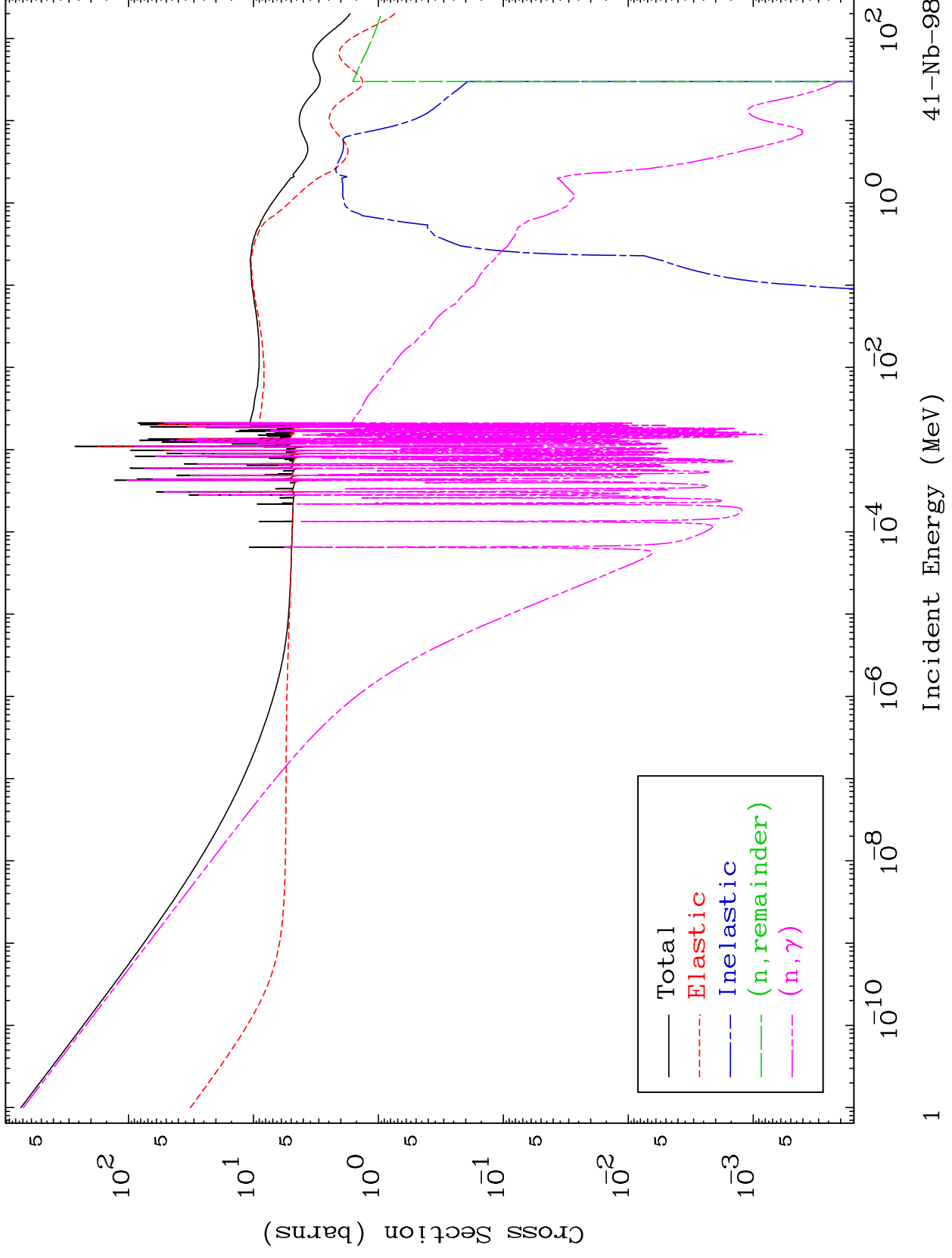
Press Mouse Button to Start

MAT 4140

Major

293 Kelvin Cross Sections

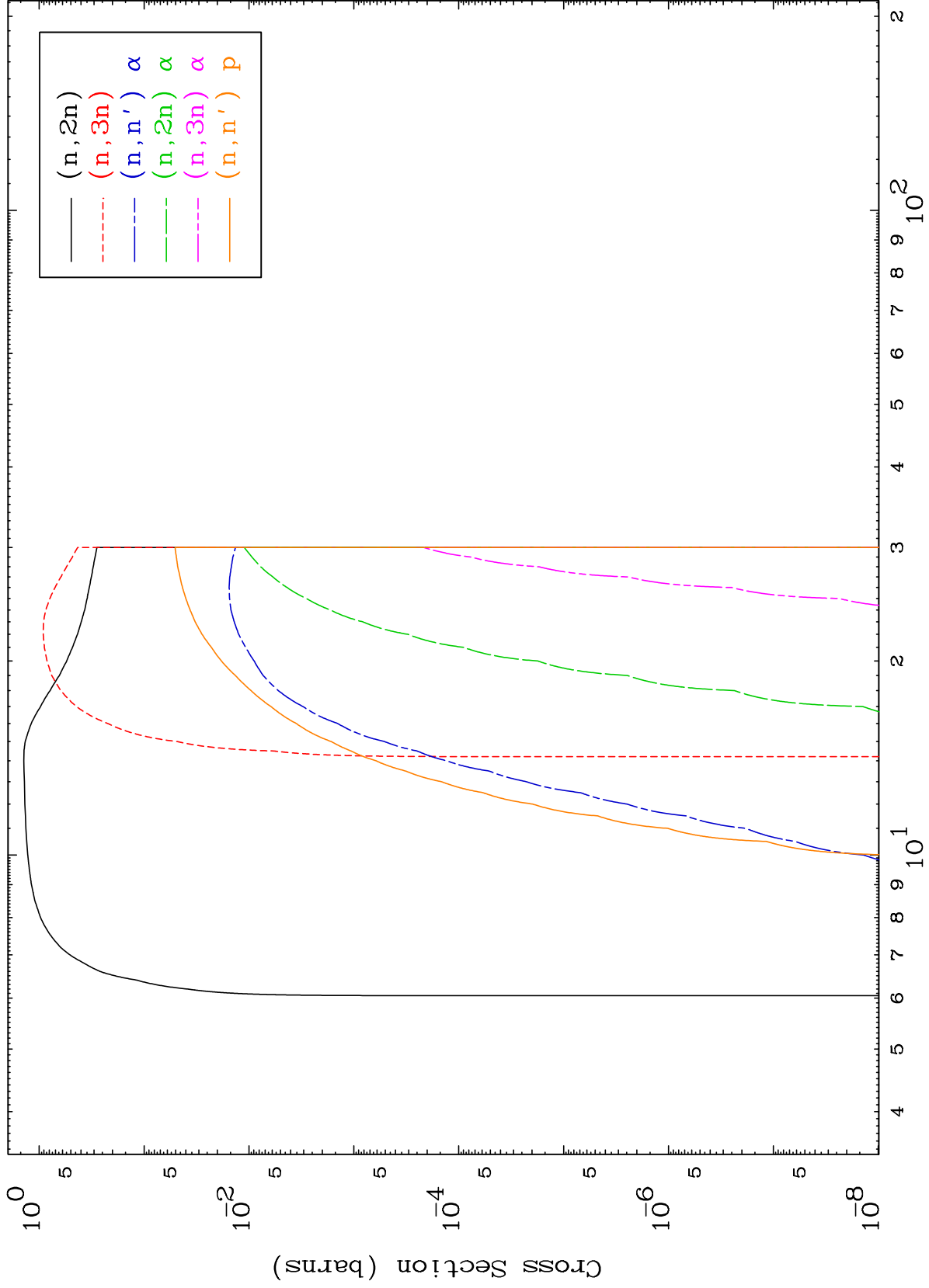
41-Nb-98



MAT 4140

Neutron Production
293 Kelvin Cross Sections

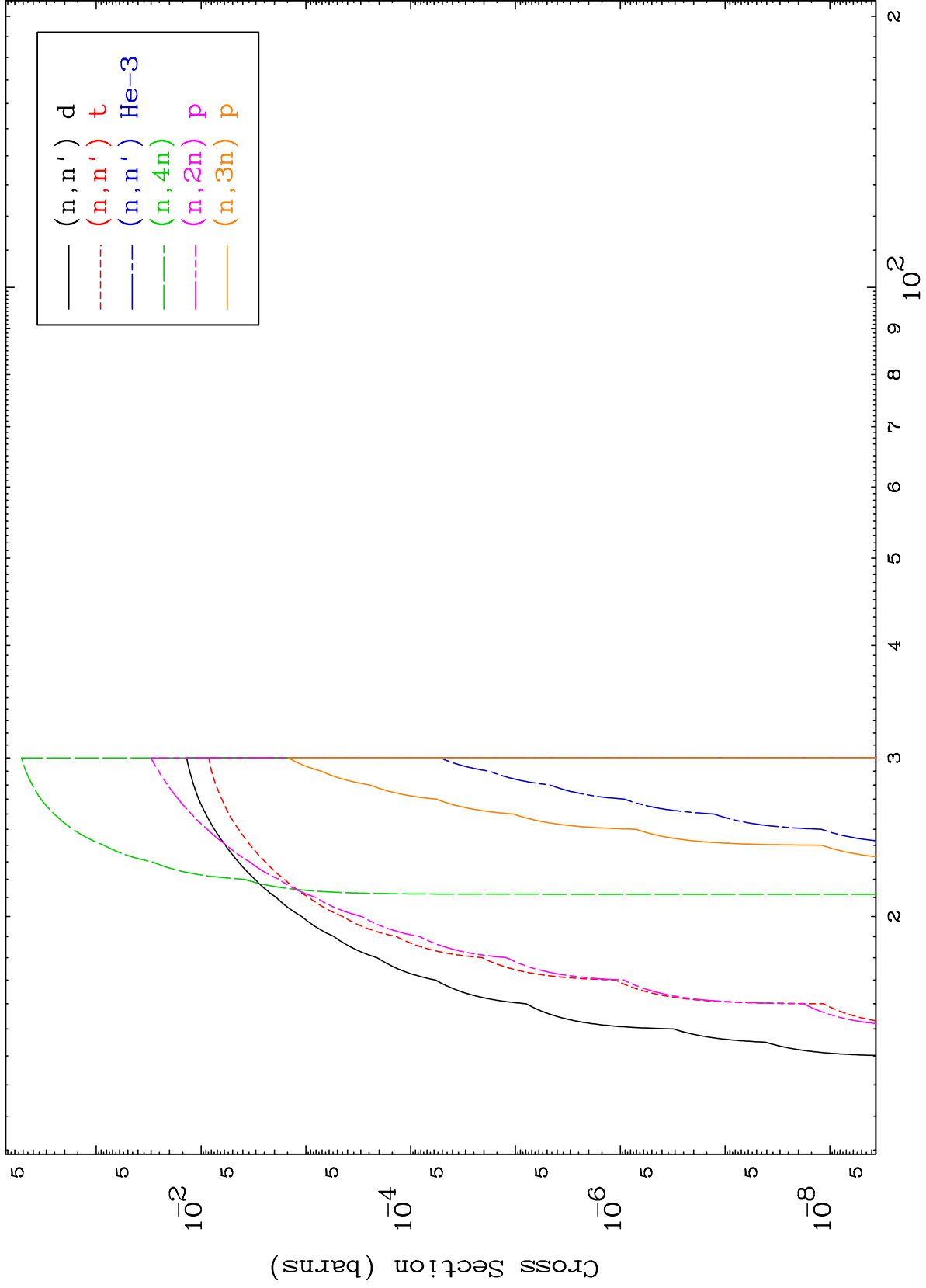
41-Nb-98

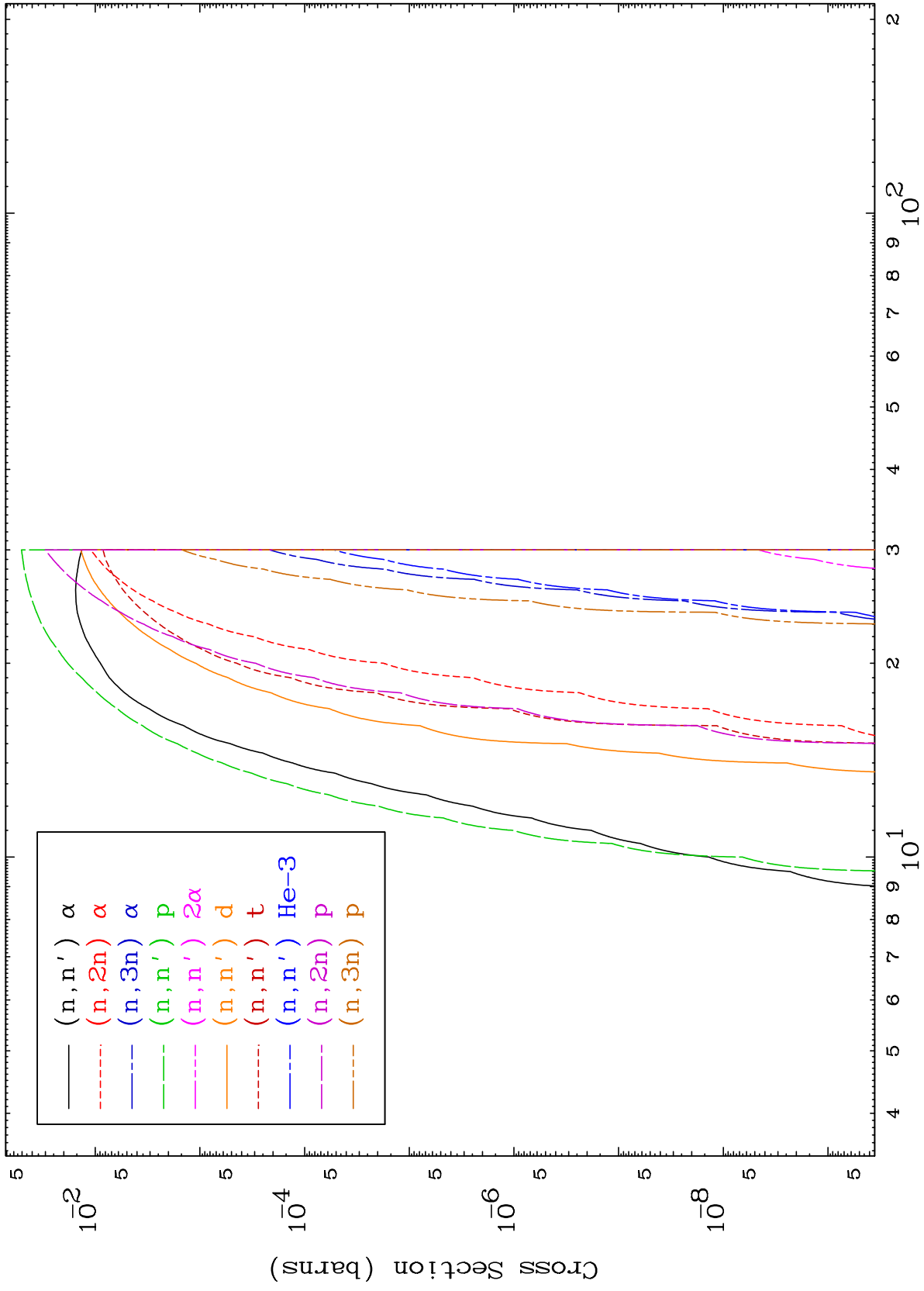


2

Incident Energy (MeV)

41-Nb-98

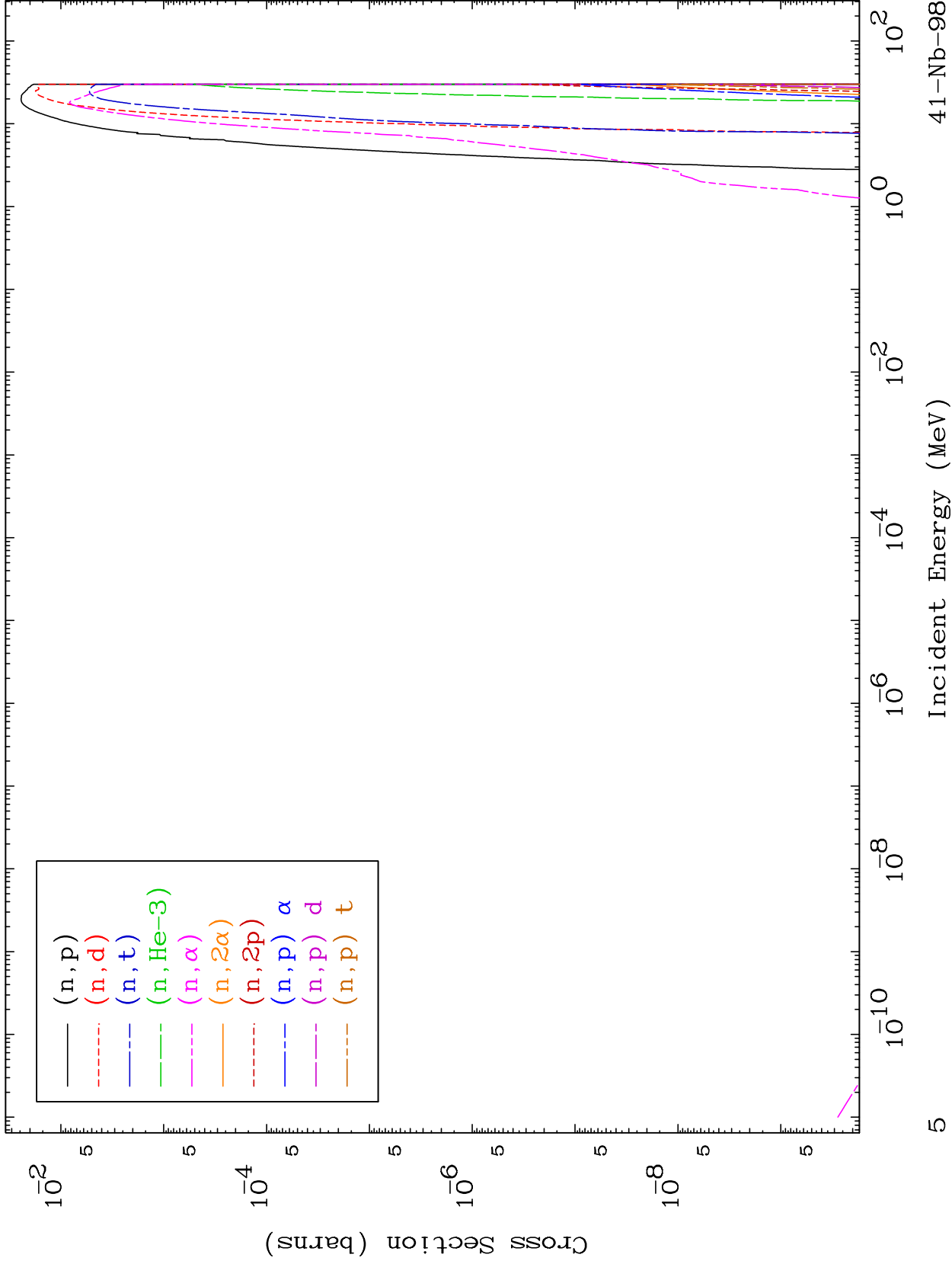




MAT 4140

Charged Particle
293 Kelvin Cross Sections

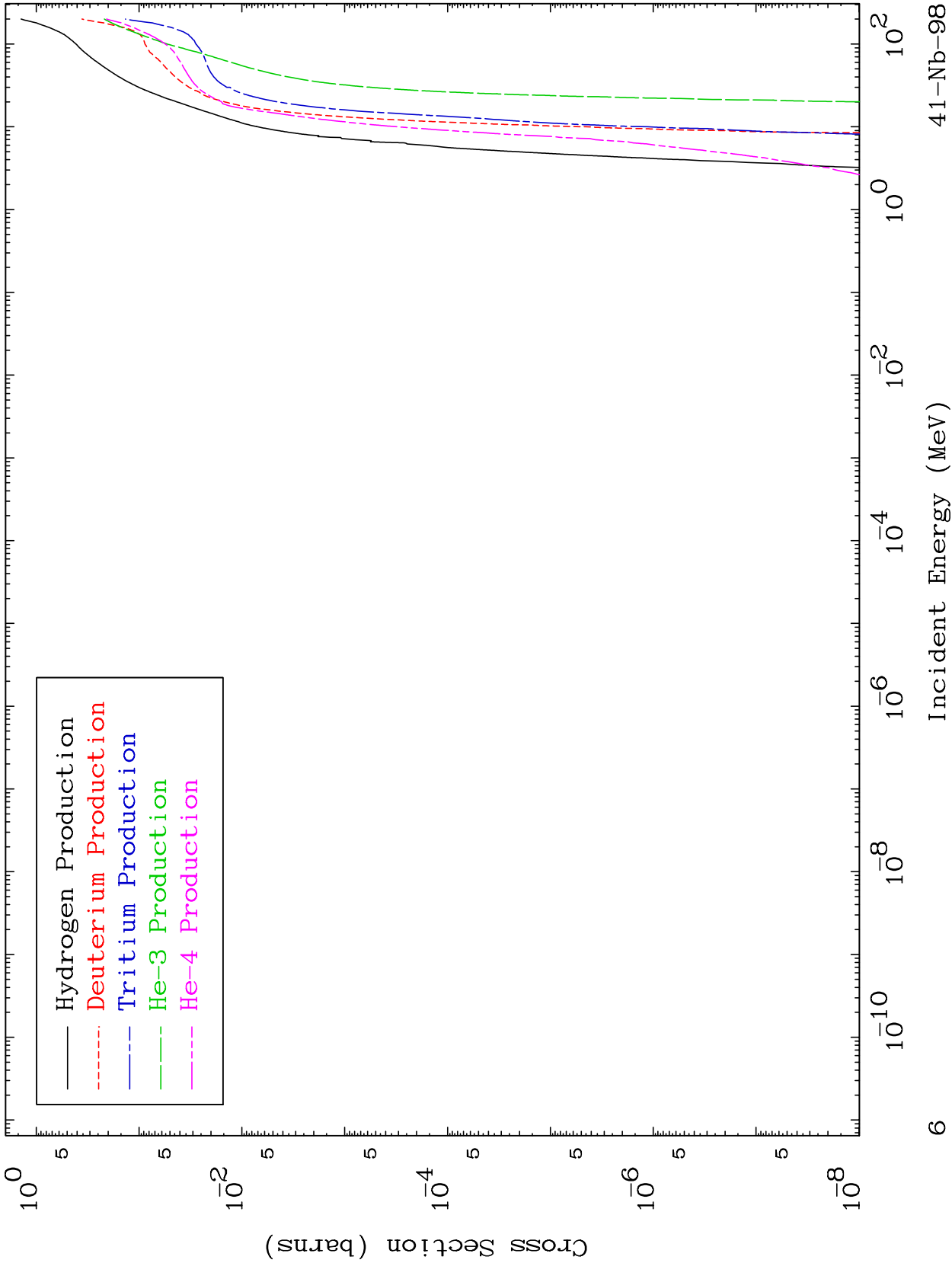
41-Nb-98



MAT 4140

Particle Production
293 Kelvin Cross Sections

41-Nb-98

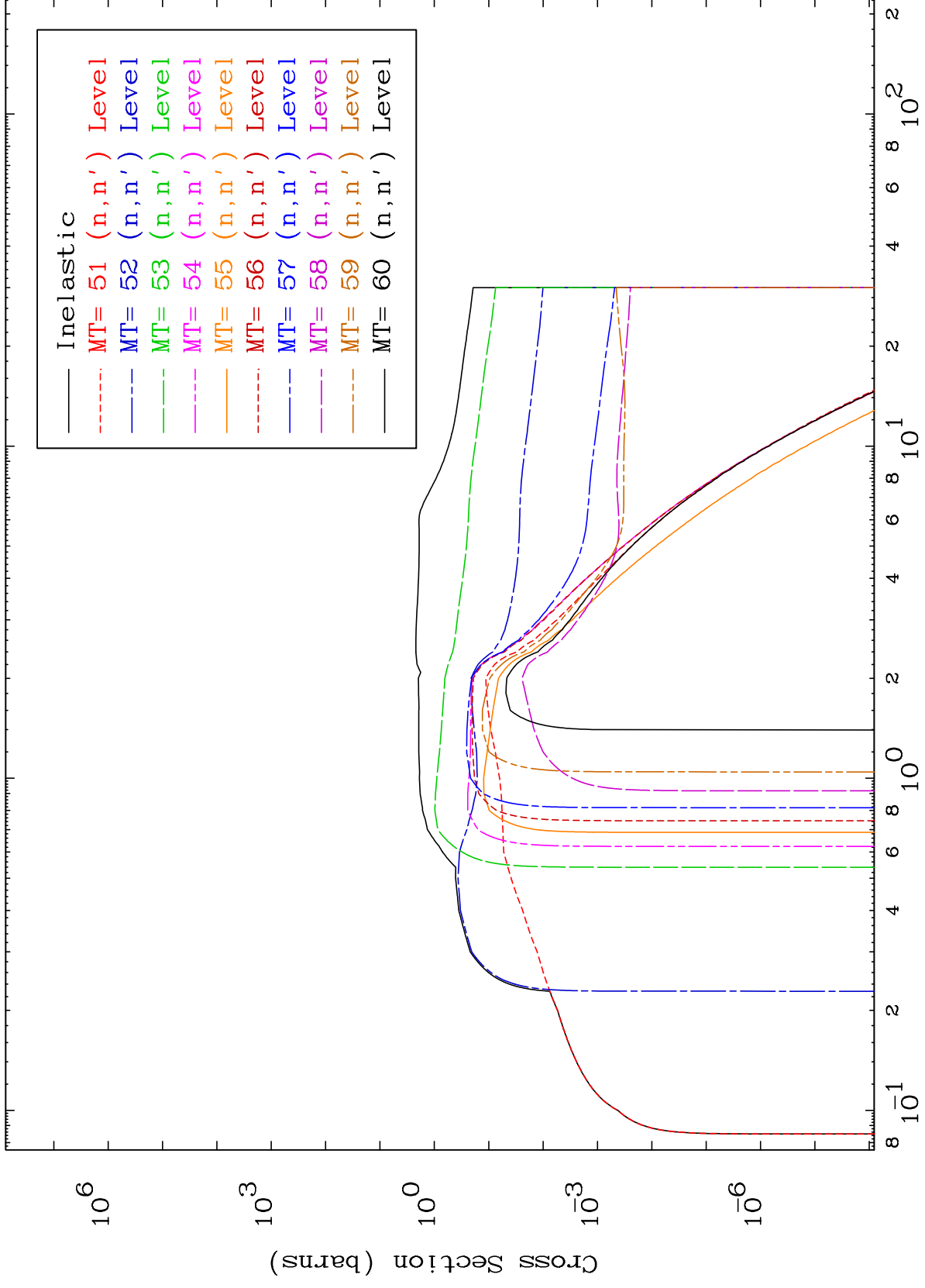


MAT 4140

(n,n') Level

41-Nb-98

293 Kelvin Cross Sections



Incident Energy (MeV)

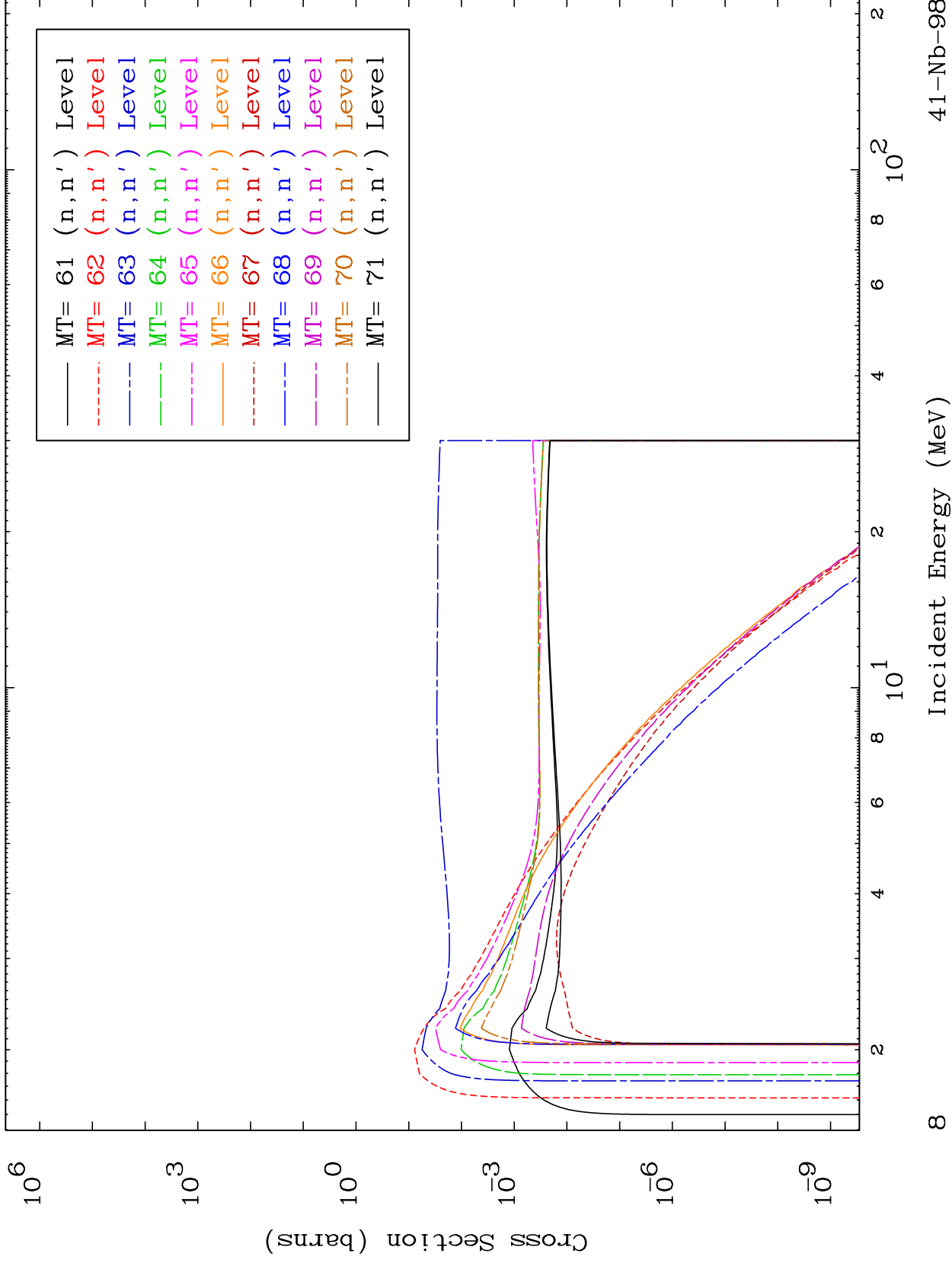
41-Nb-98

MAT 4140

(n,n') Level

293 Kelvin Cross Sections

41-Nb-98

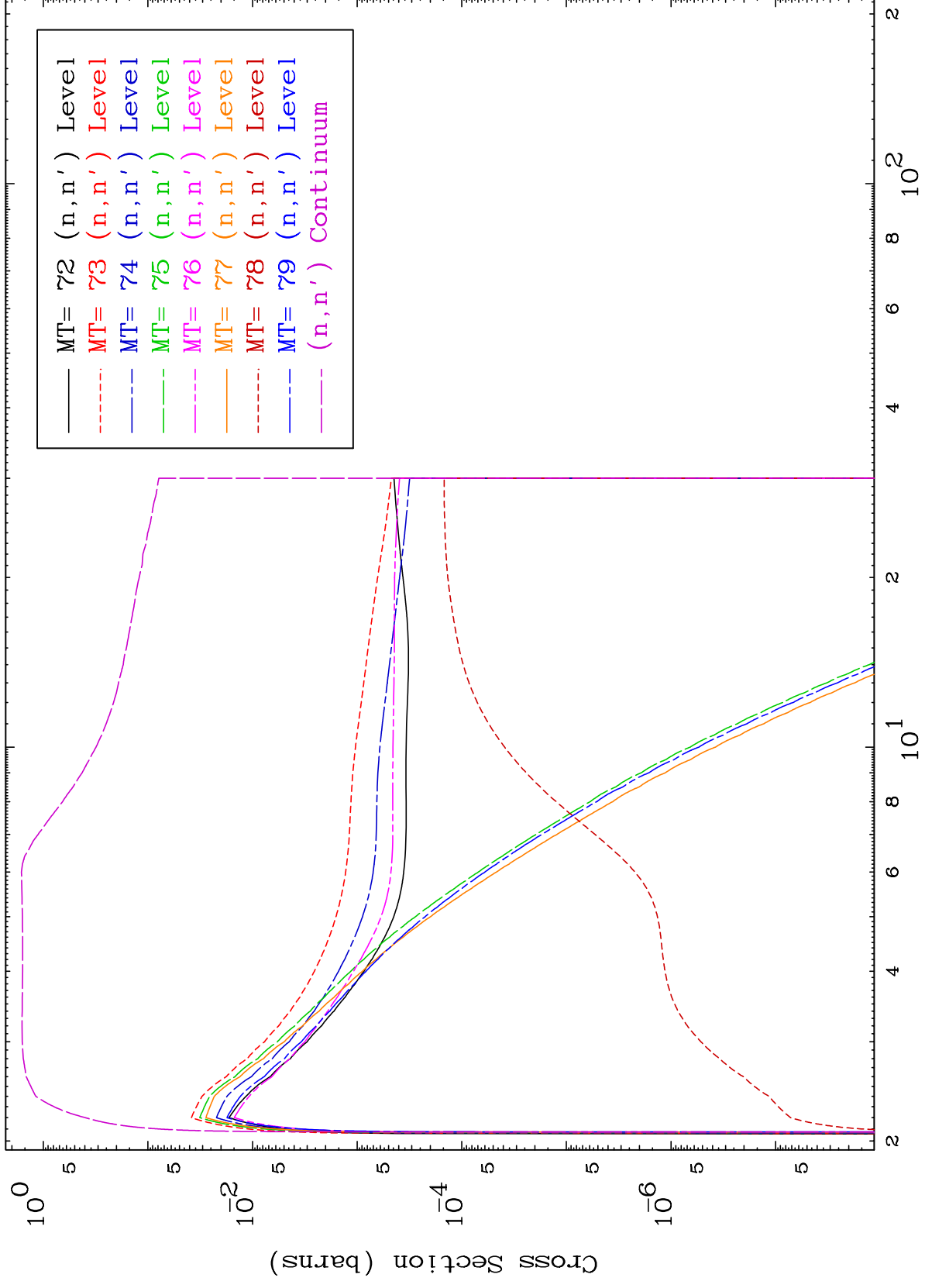


8

Incident Energy (MeV)

41-Nb-98

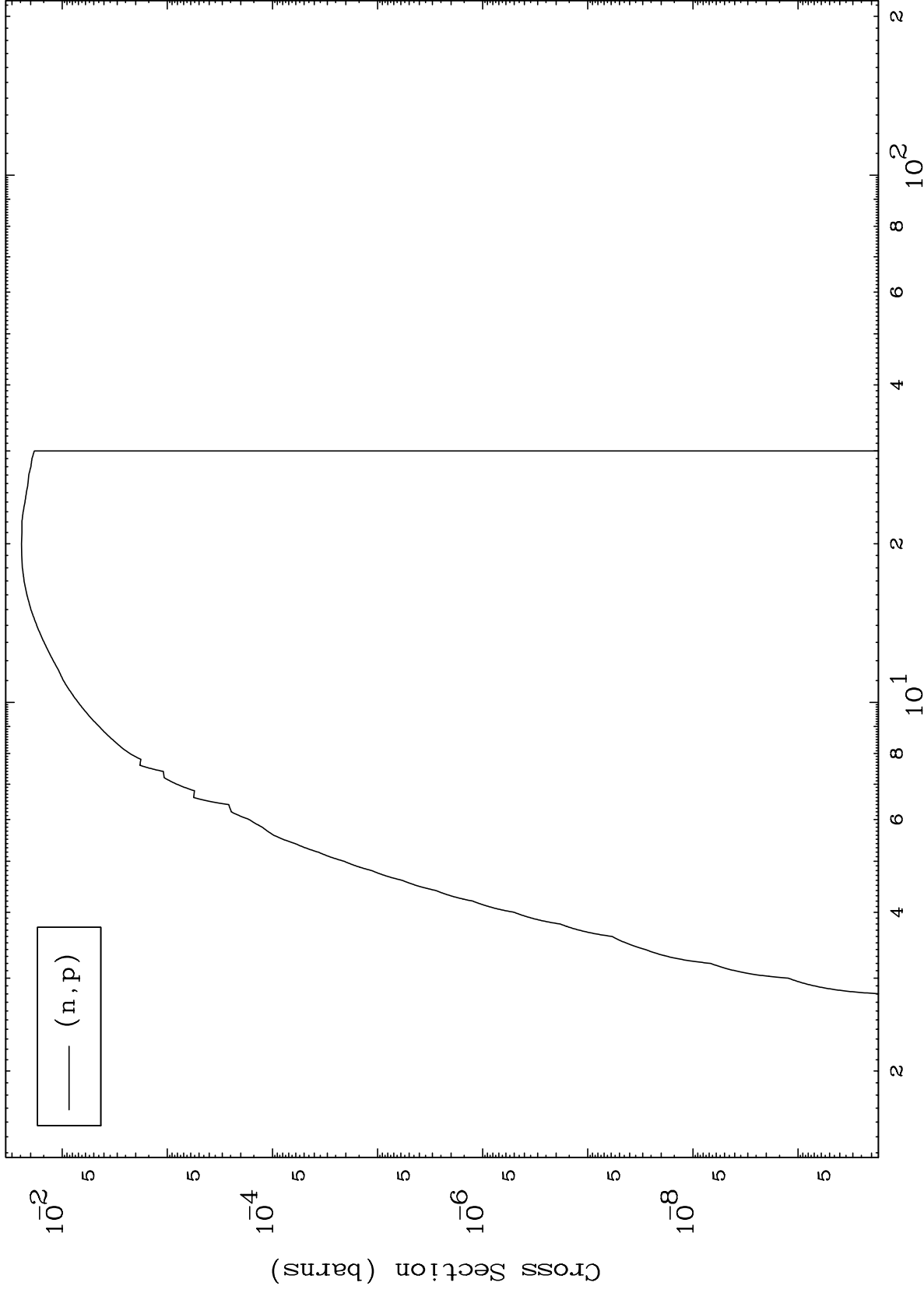
293 Kelvin Cross Sections



MAT 4140

(n,p) Levels
293 Kelvin Cross Sections

41-Nb-98



10

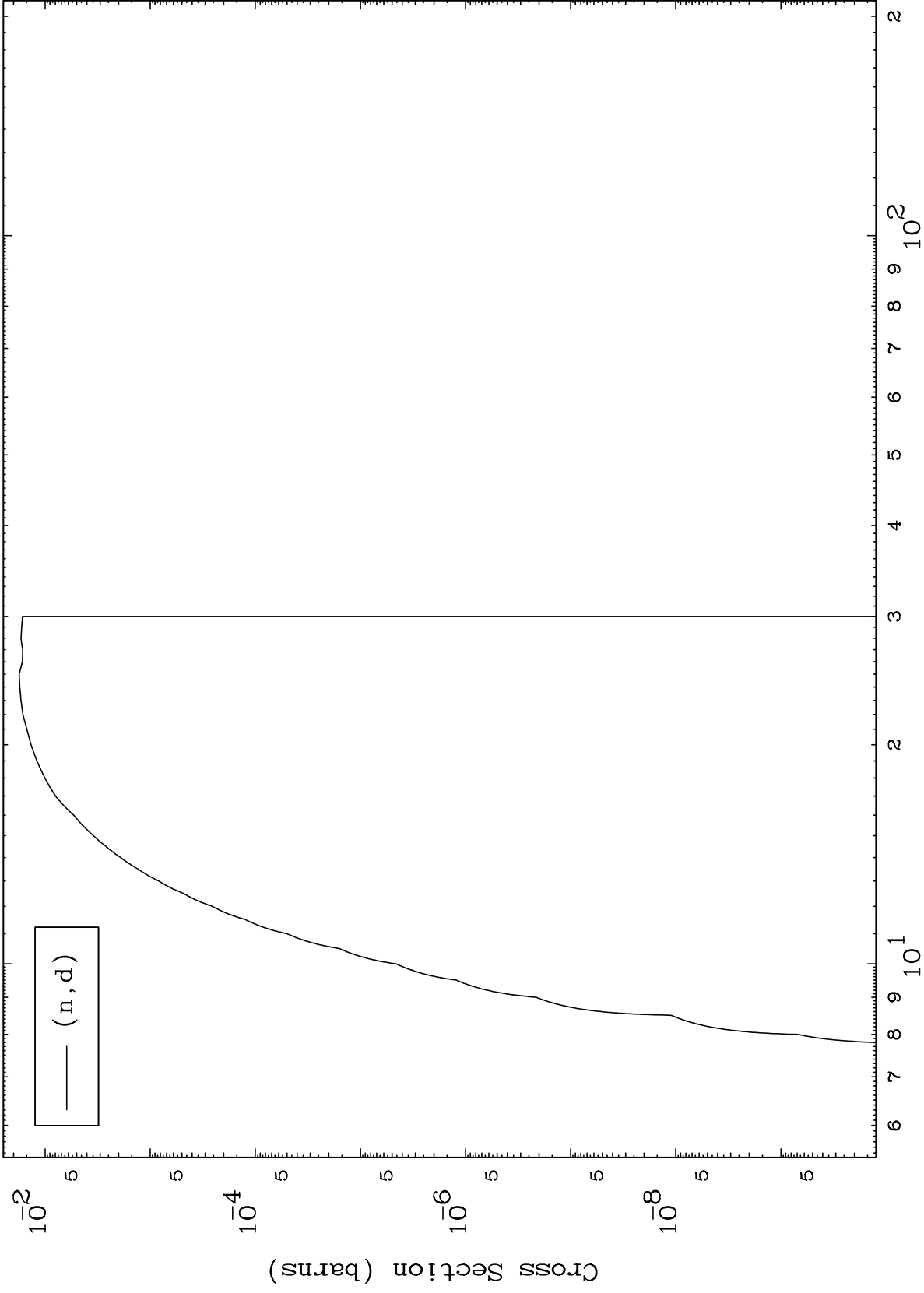
Incident Energy (MeV)

41-Nb-98

MAT 4140

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-98



11

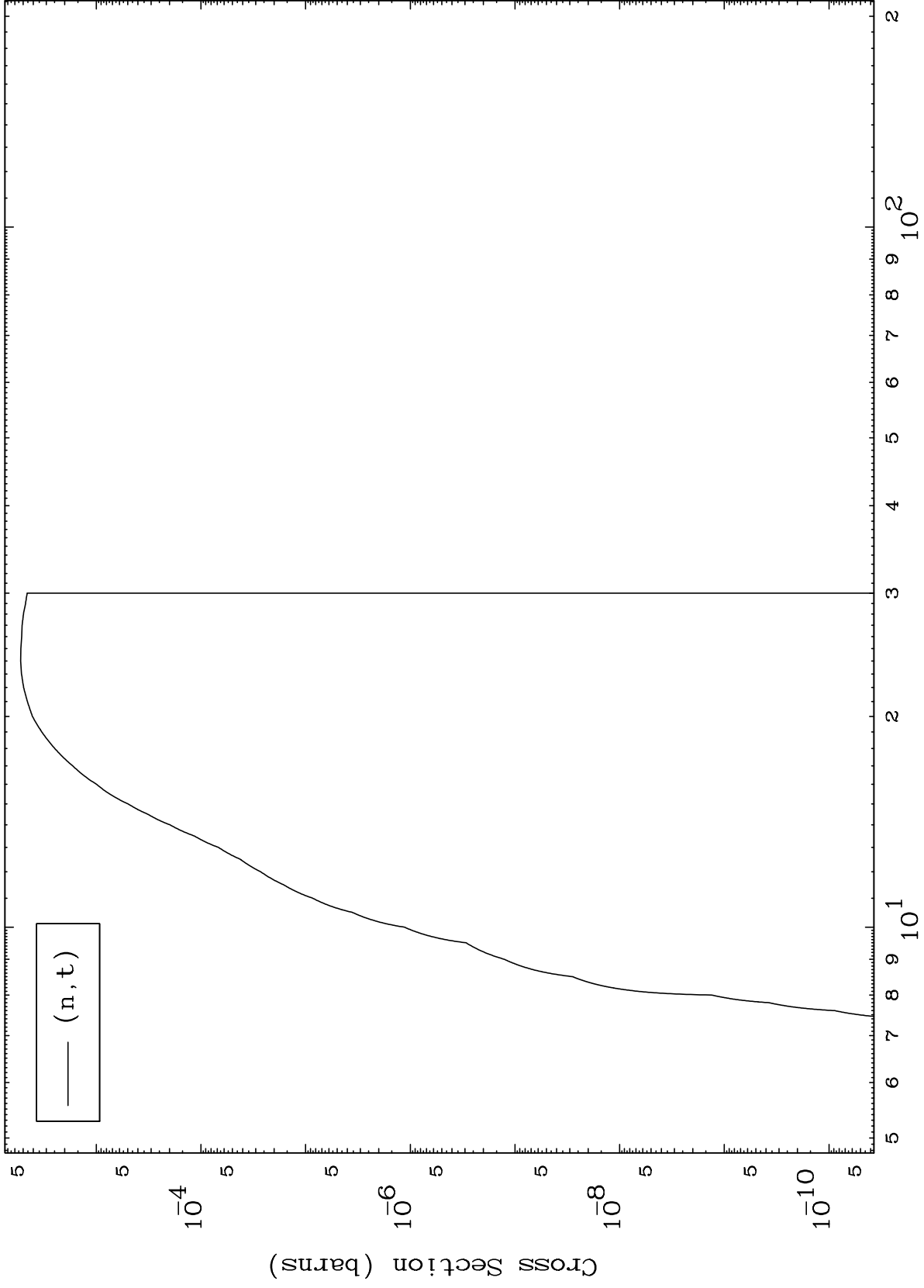
Incident Energy (MeV)

41-Nb-98

MAT 4140

(n,t) Levels
293 Kelvin Cross Sections

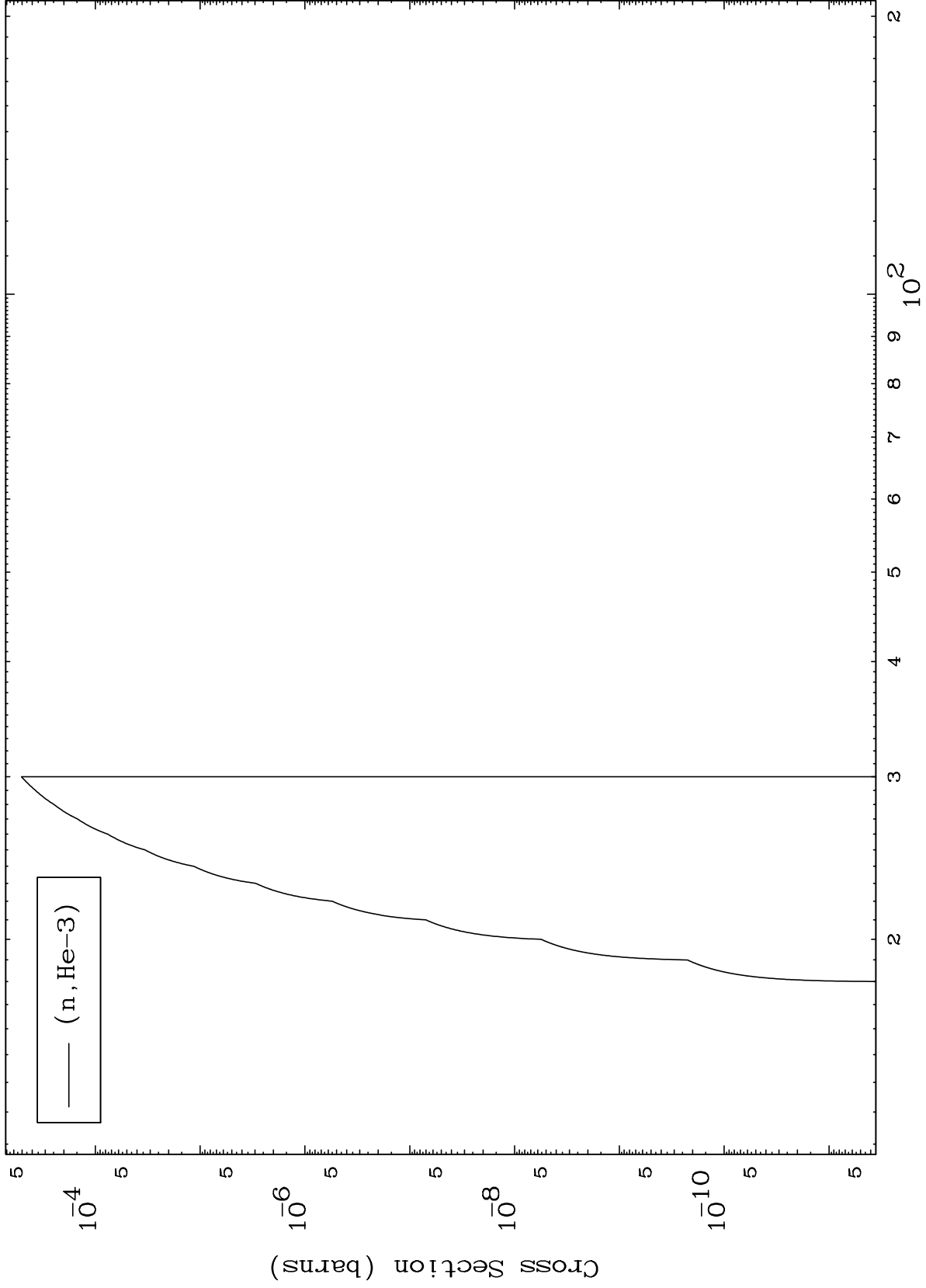
41-Nb-98

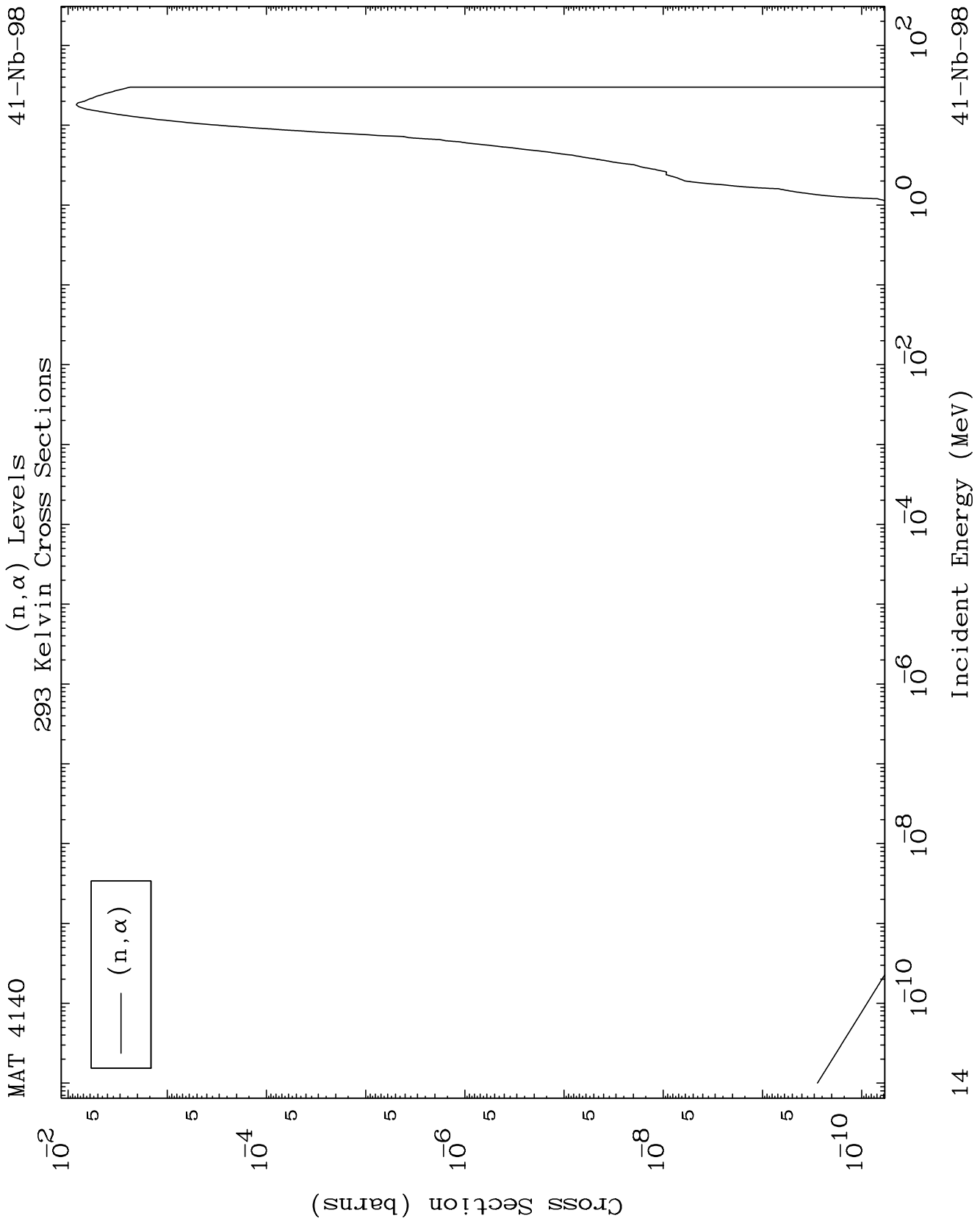


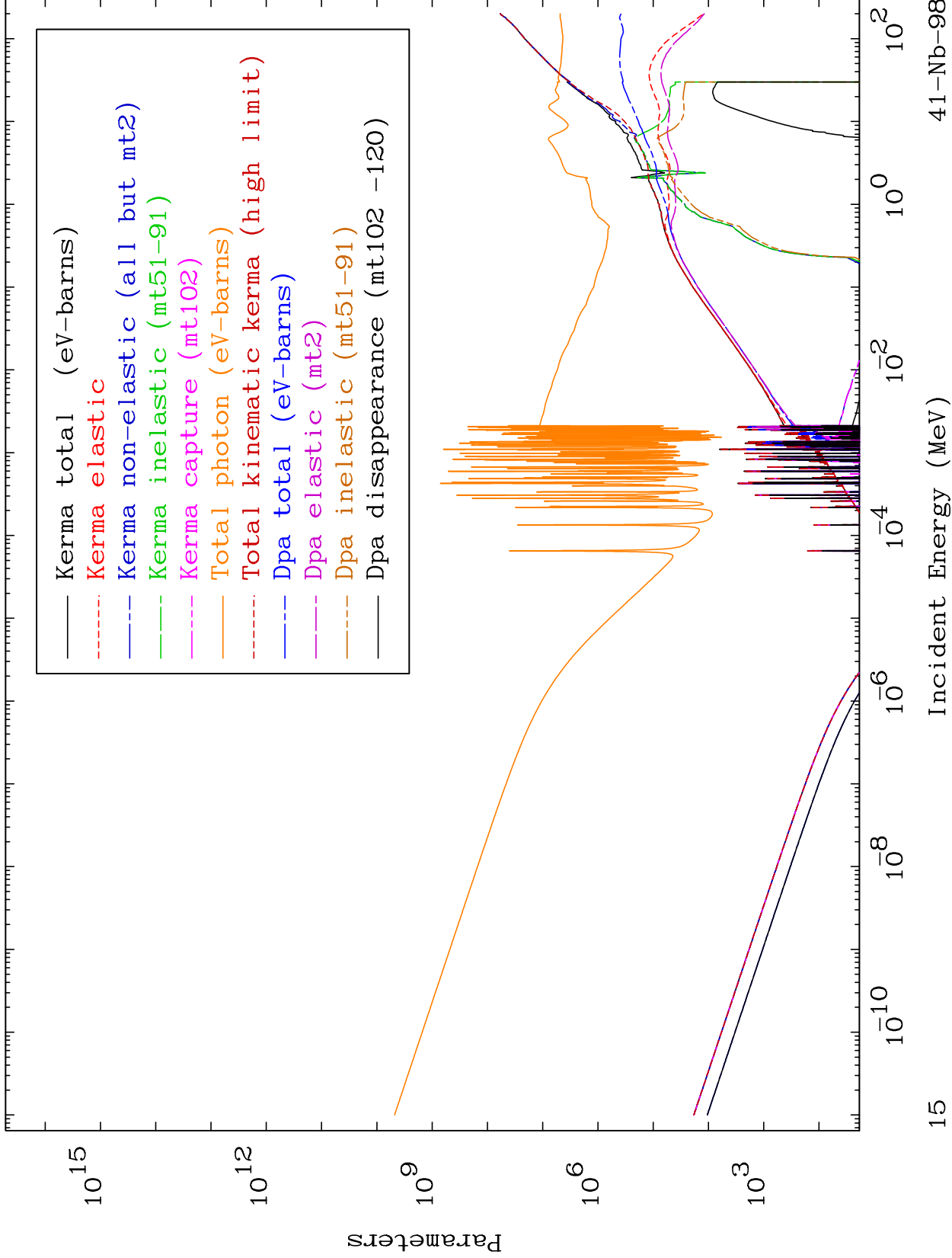
12

Incident Energy (MeV)

41-Nb-98



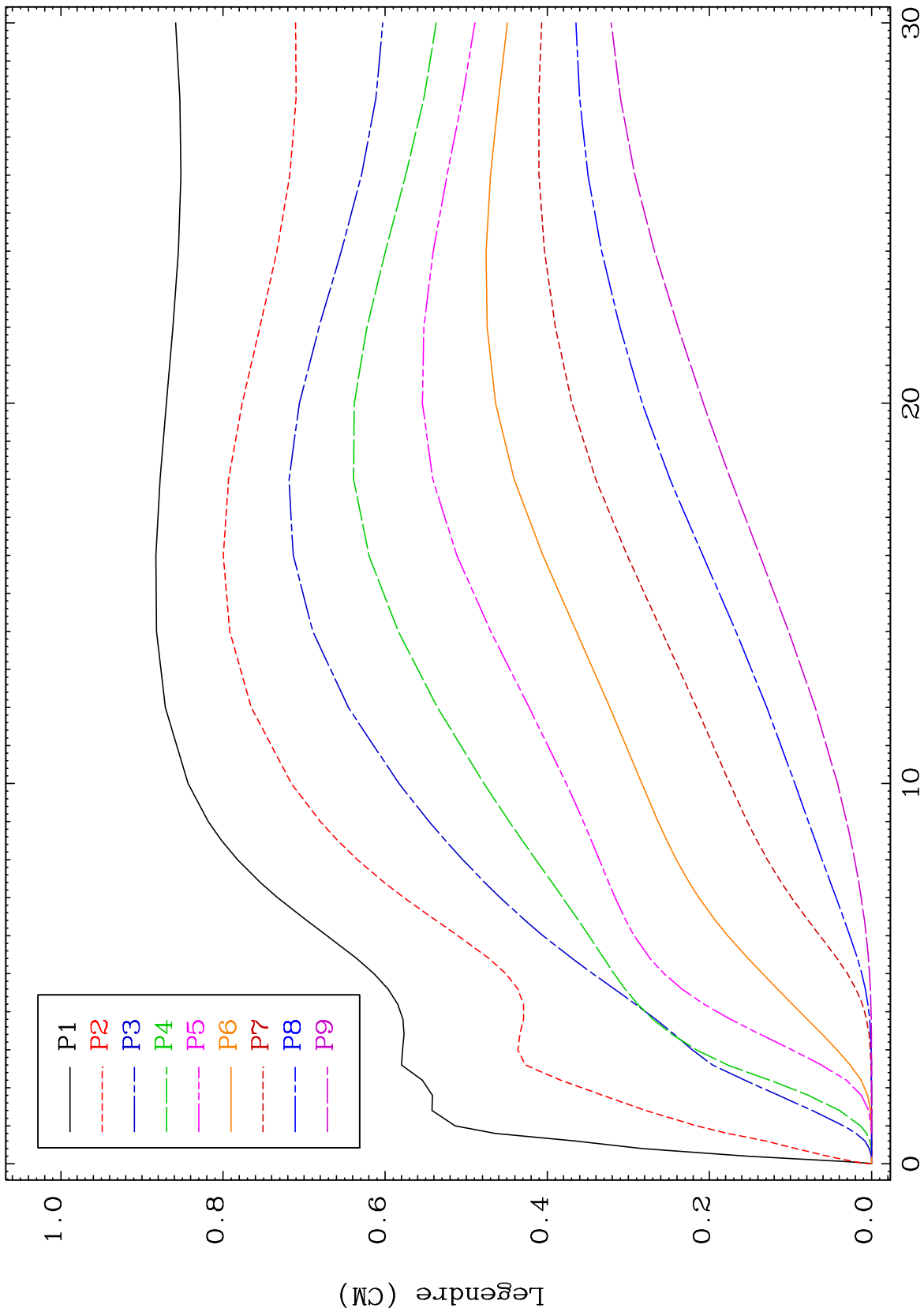




MAT 4140

Elastic Legendre Coefficients

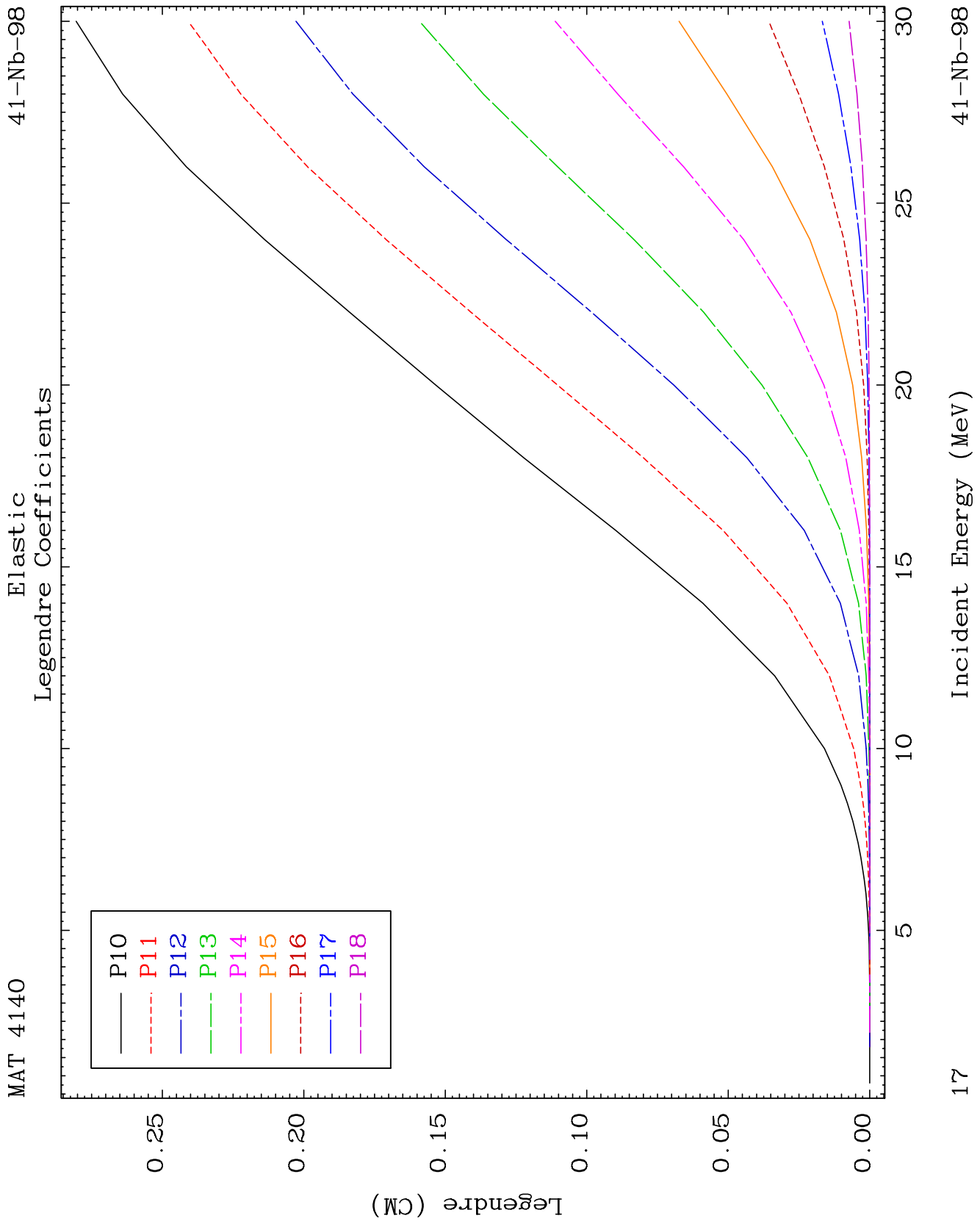
41-Nb-98



16

Incident Energy (MeV)

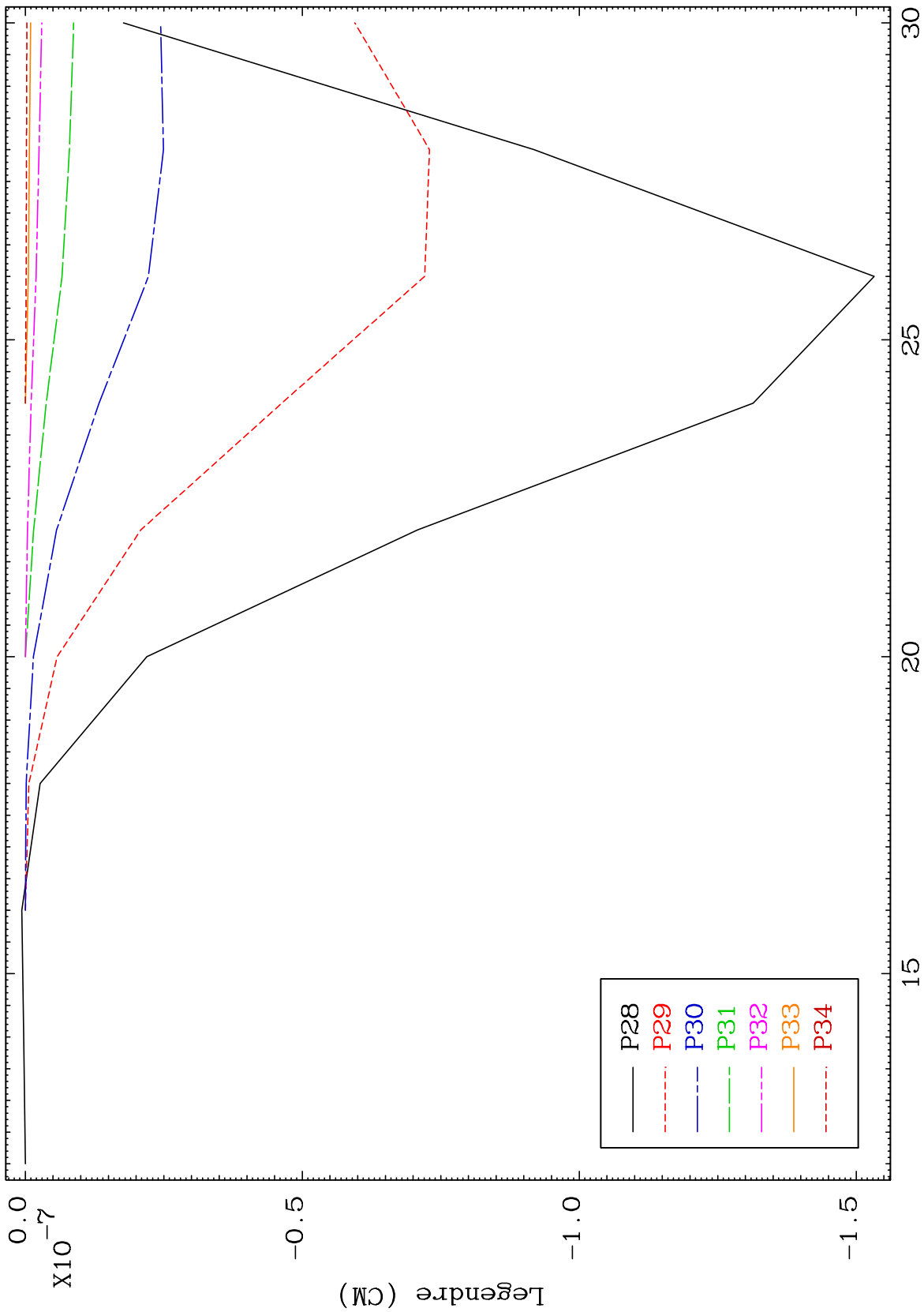
41-Nb-98



MAT 4140

41-Nb-98

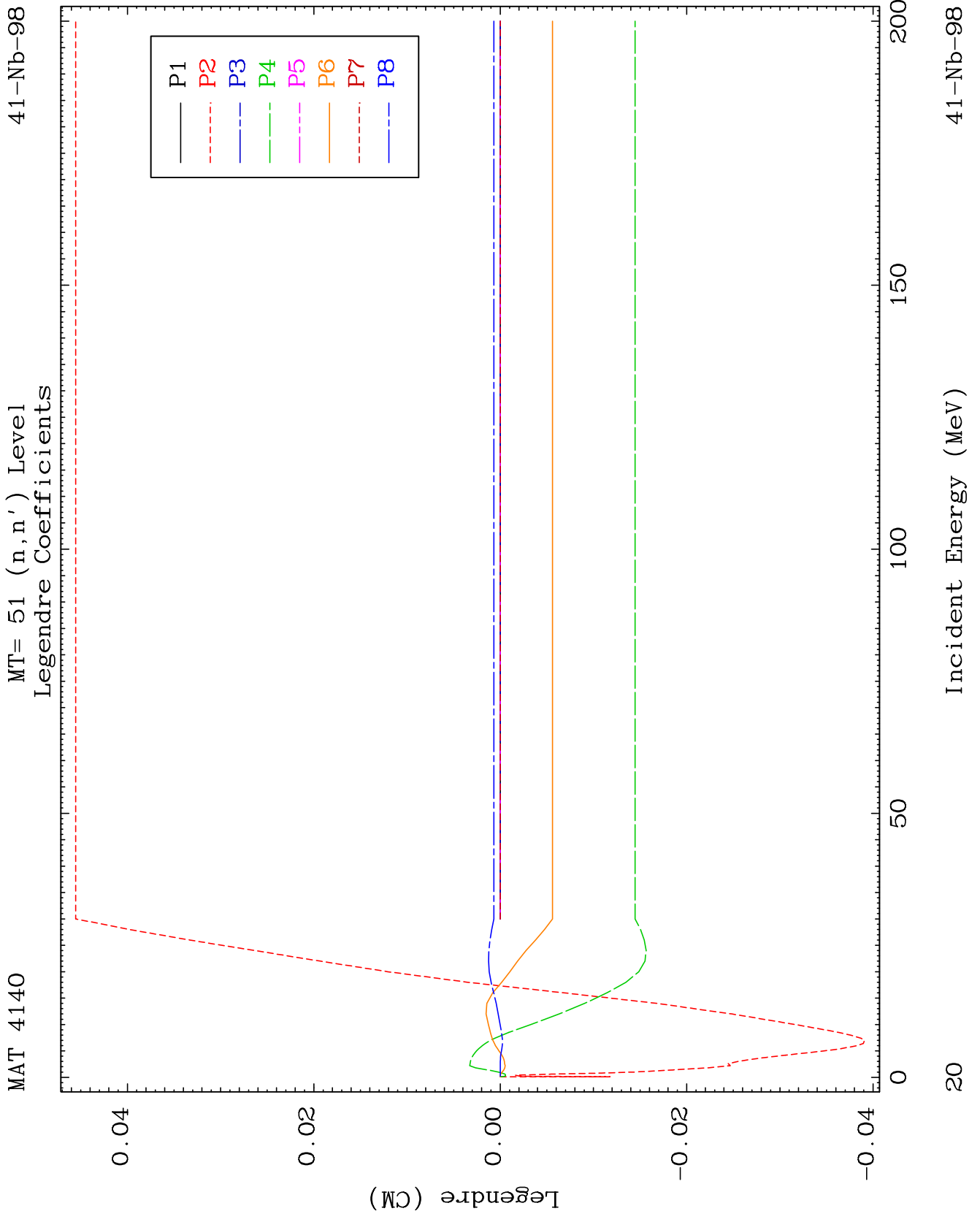
Elastic Legendre Coefficients

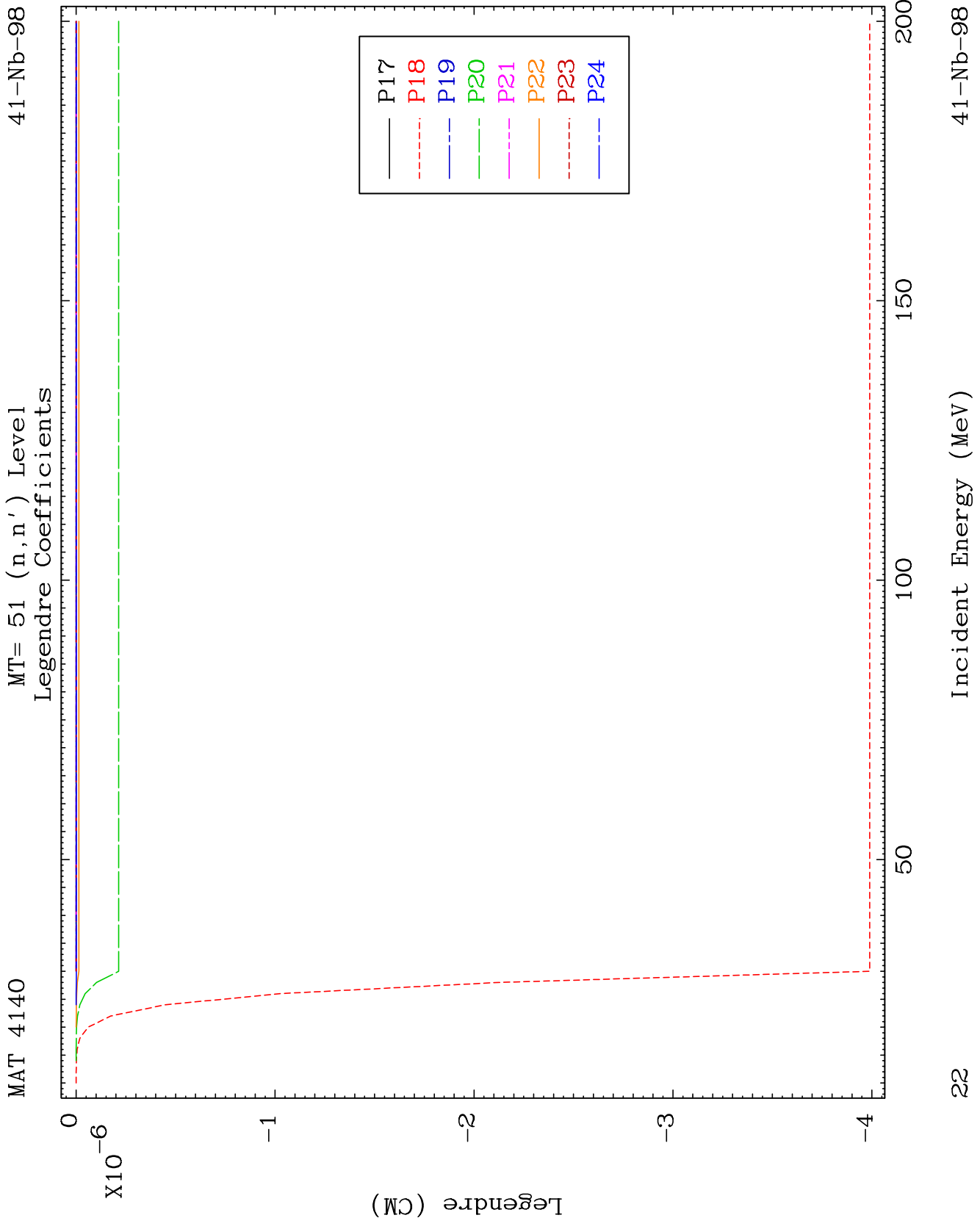


19

Incident Energy (MeV)

41-Nb-98

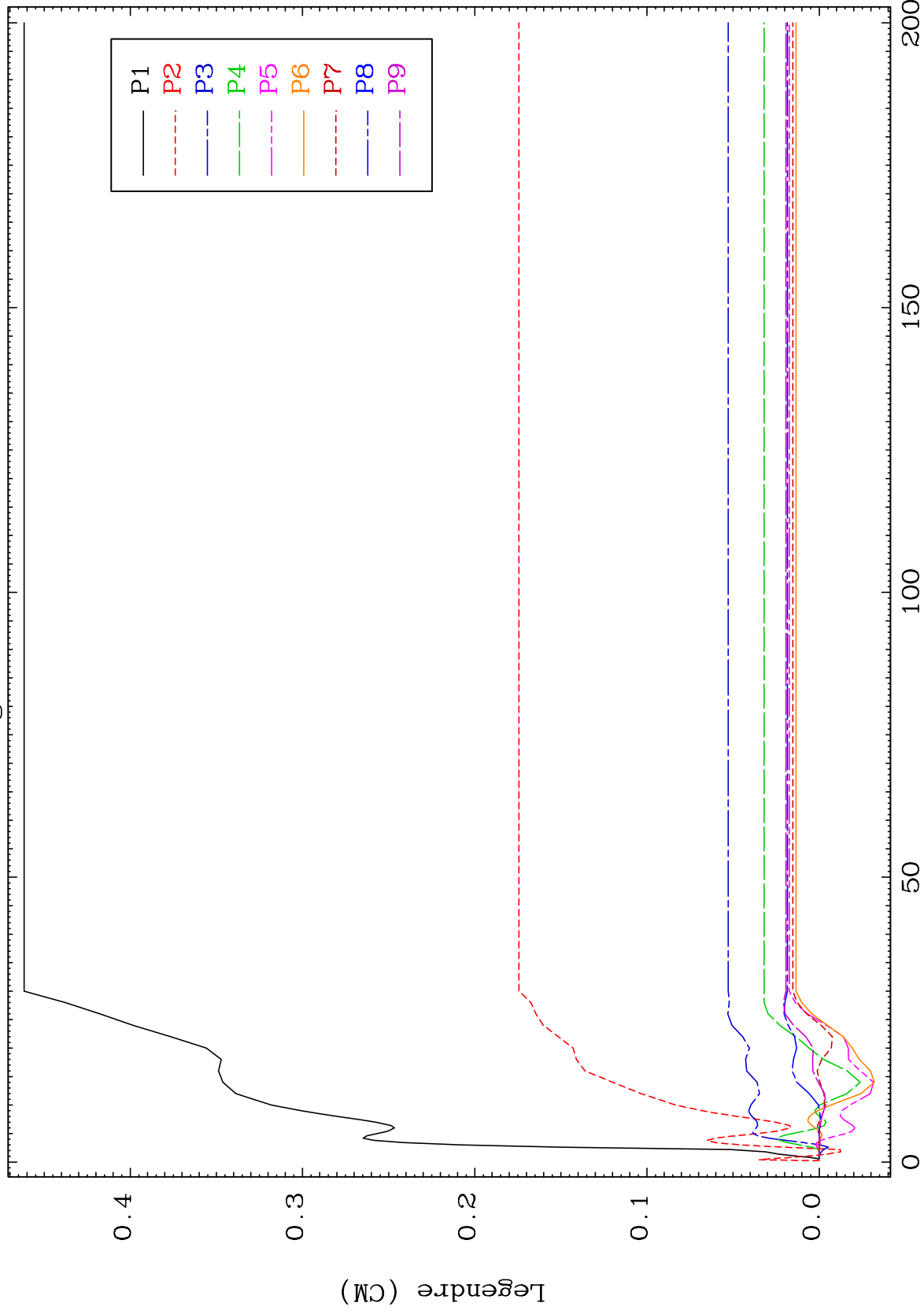




MAT 4140

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

41-Nb-98



23

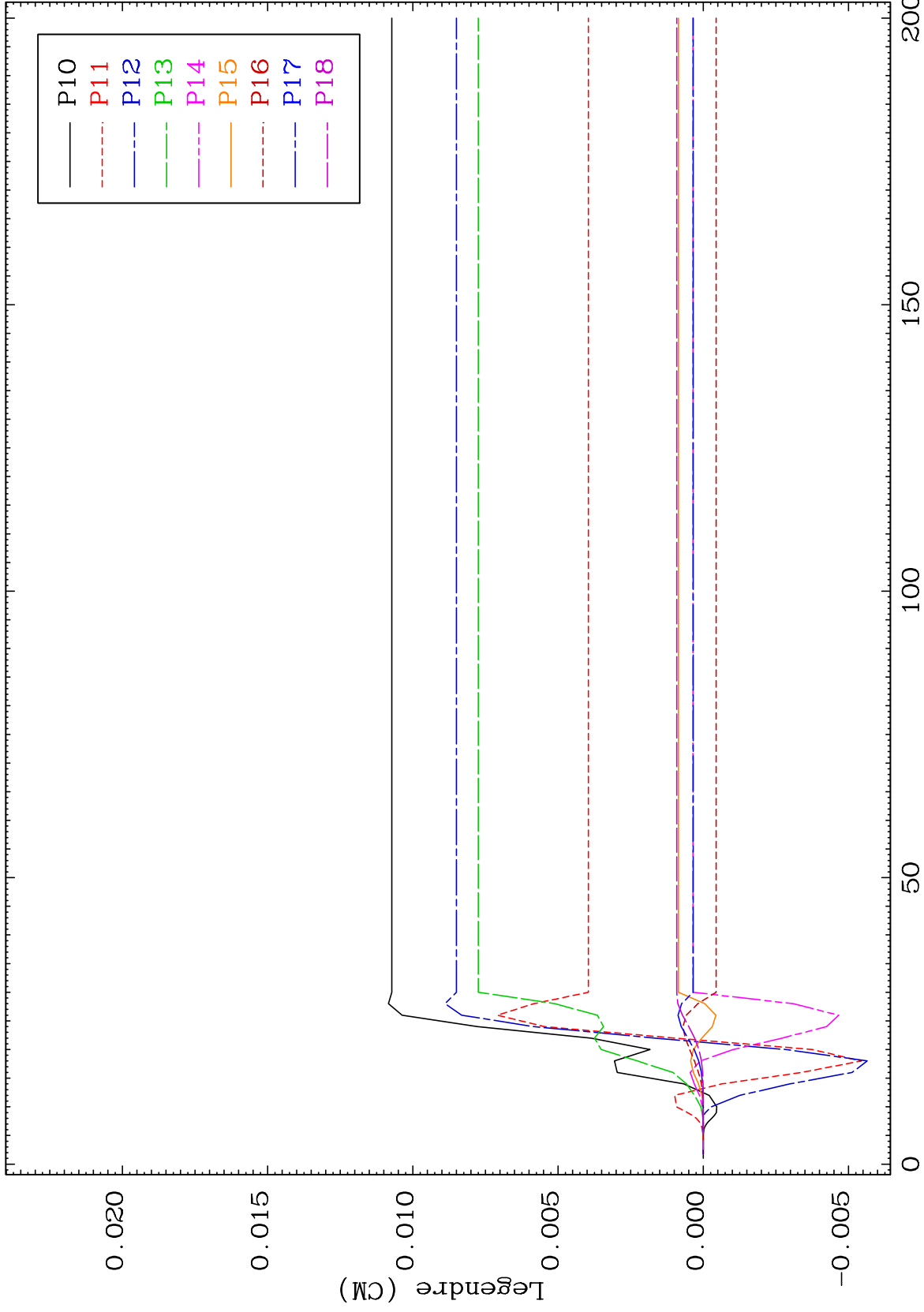
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



24

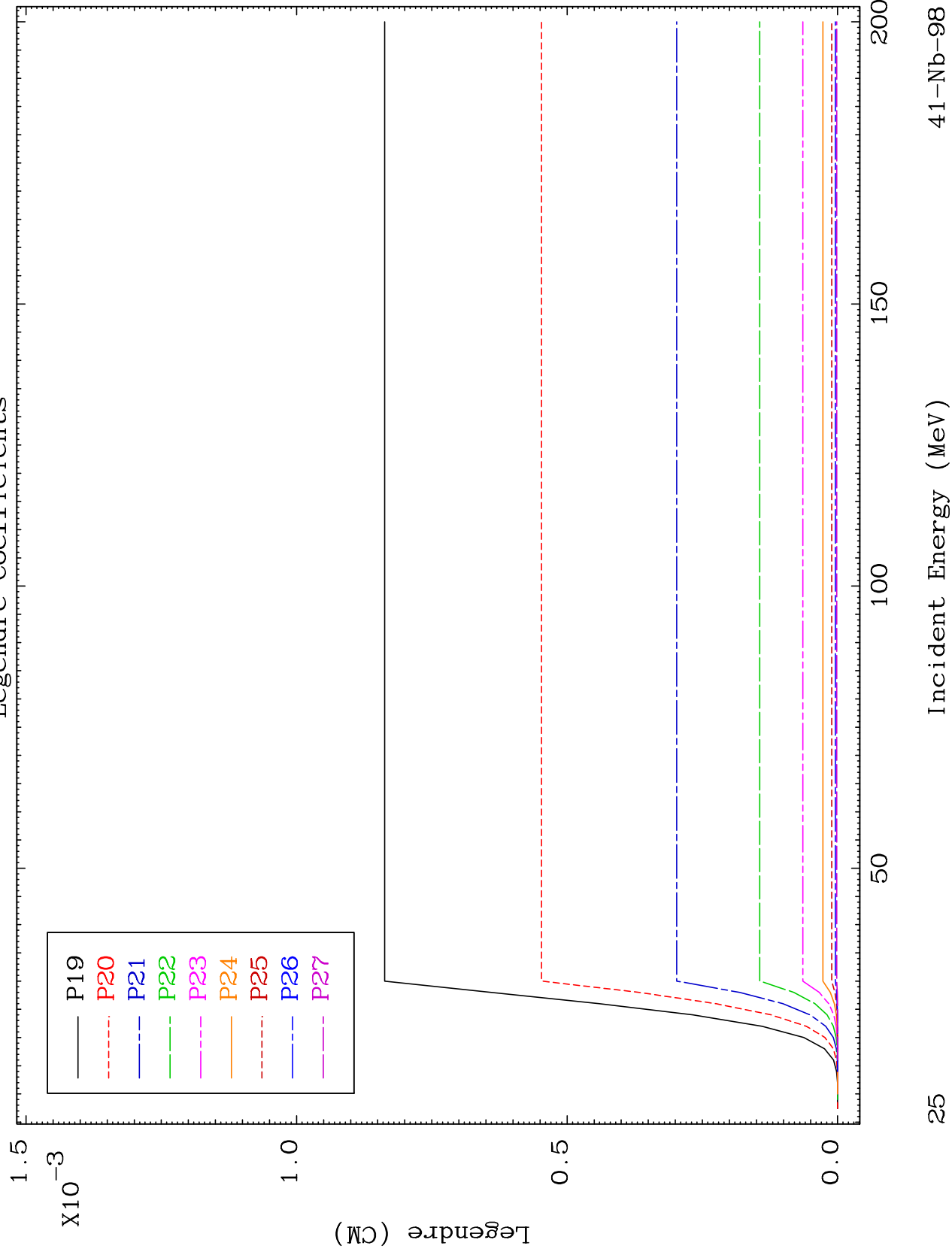
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

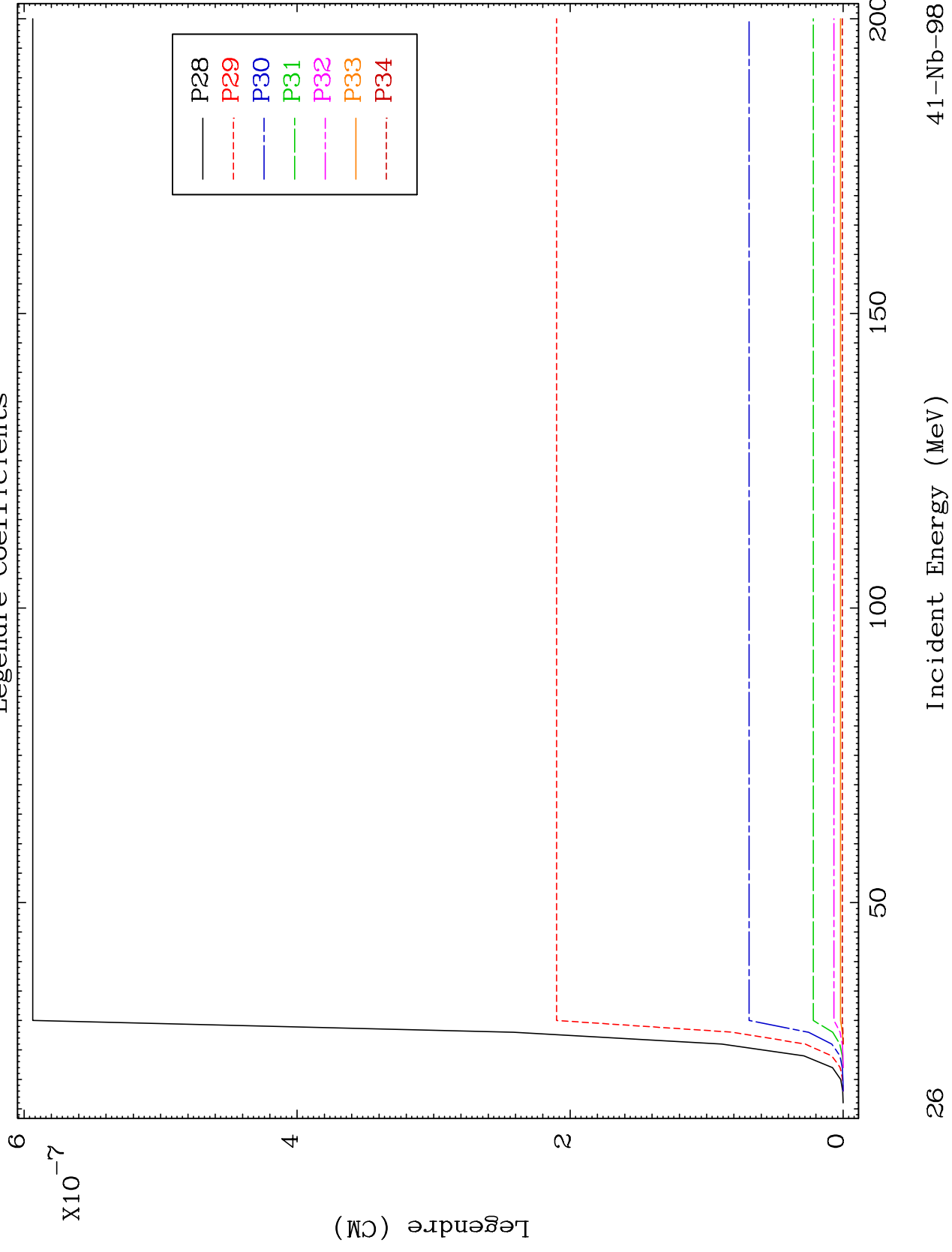
41-Nb-98



MAT 4140

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

41-Nb-98



26

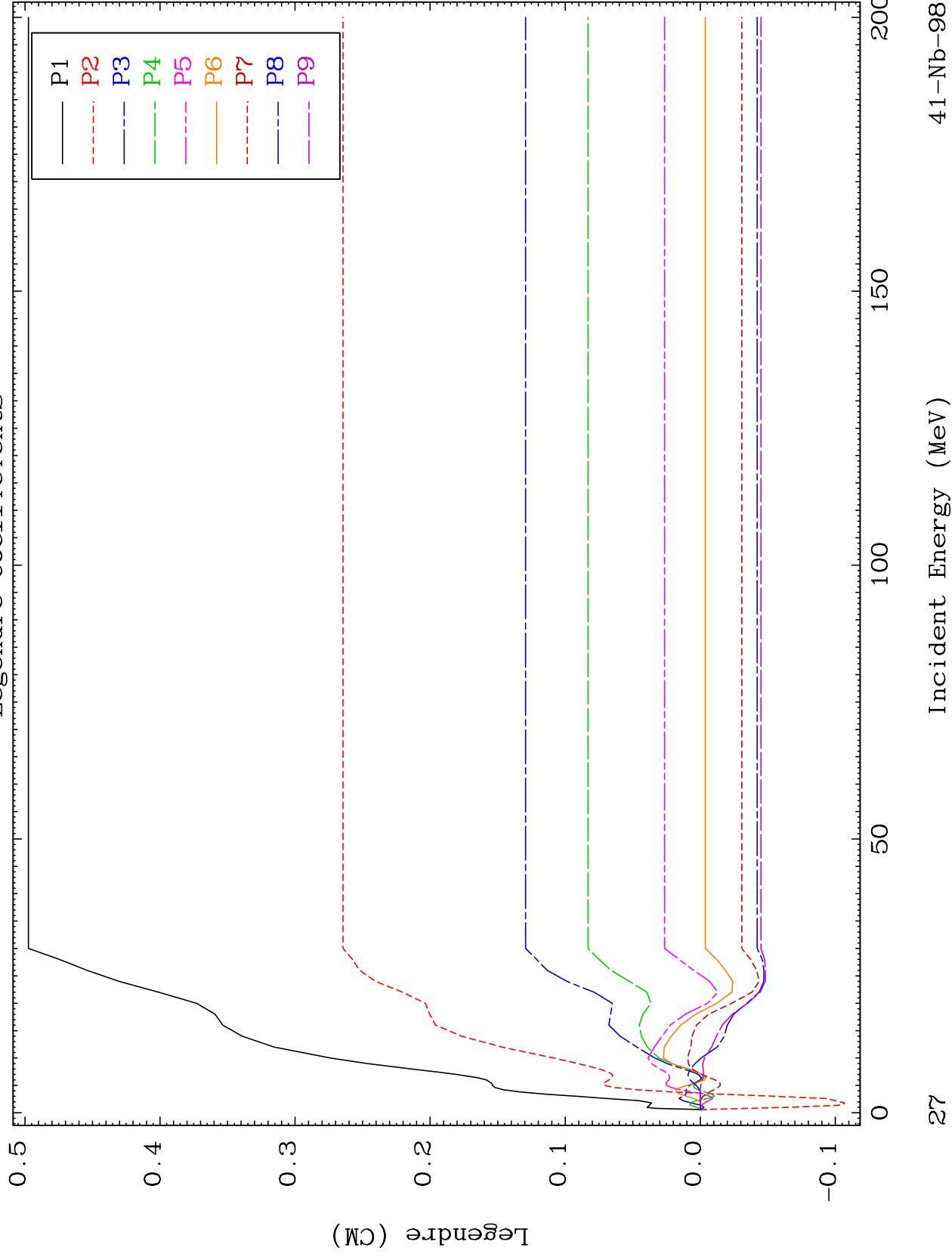
41-Nb-98

MAT 4140

MT= 53 (n,n') Level

41-Nb-98

Legendre Coefficients



27

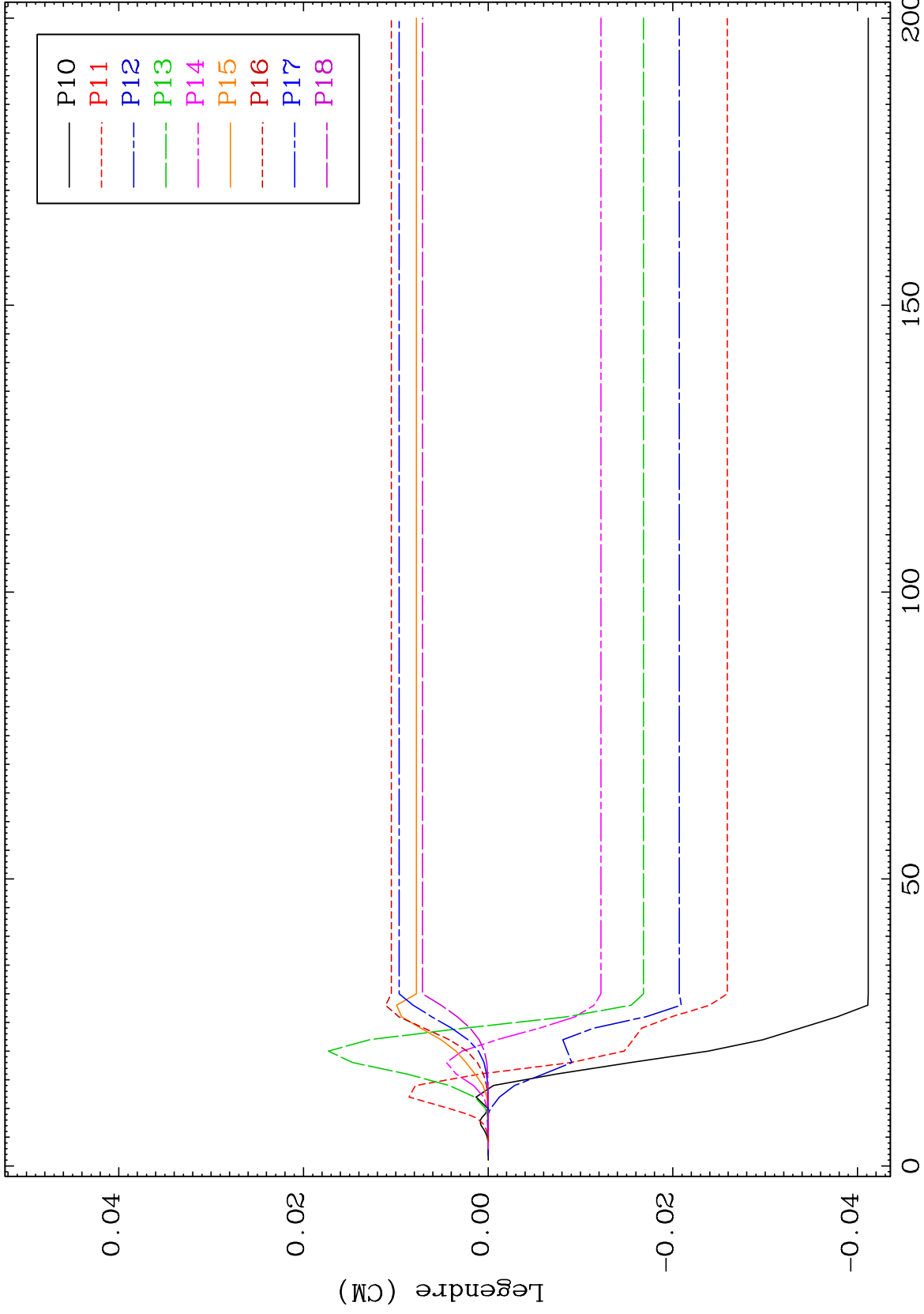
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



28

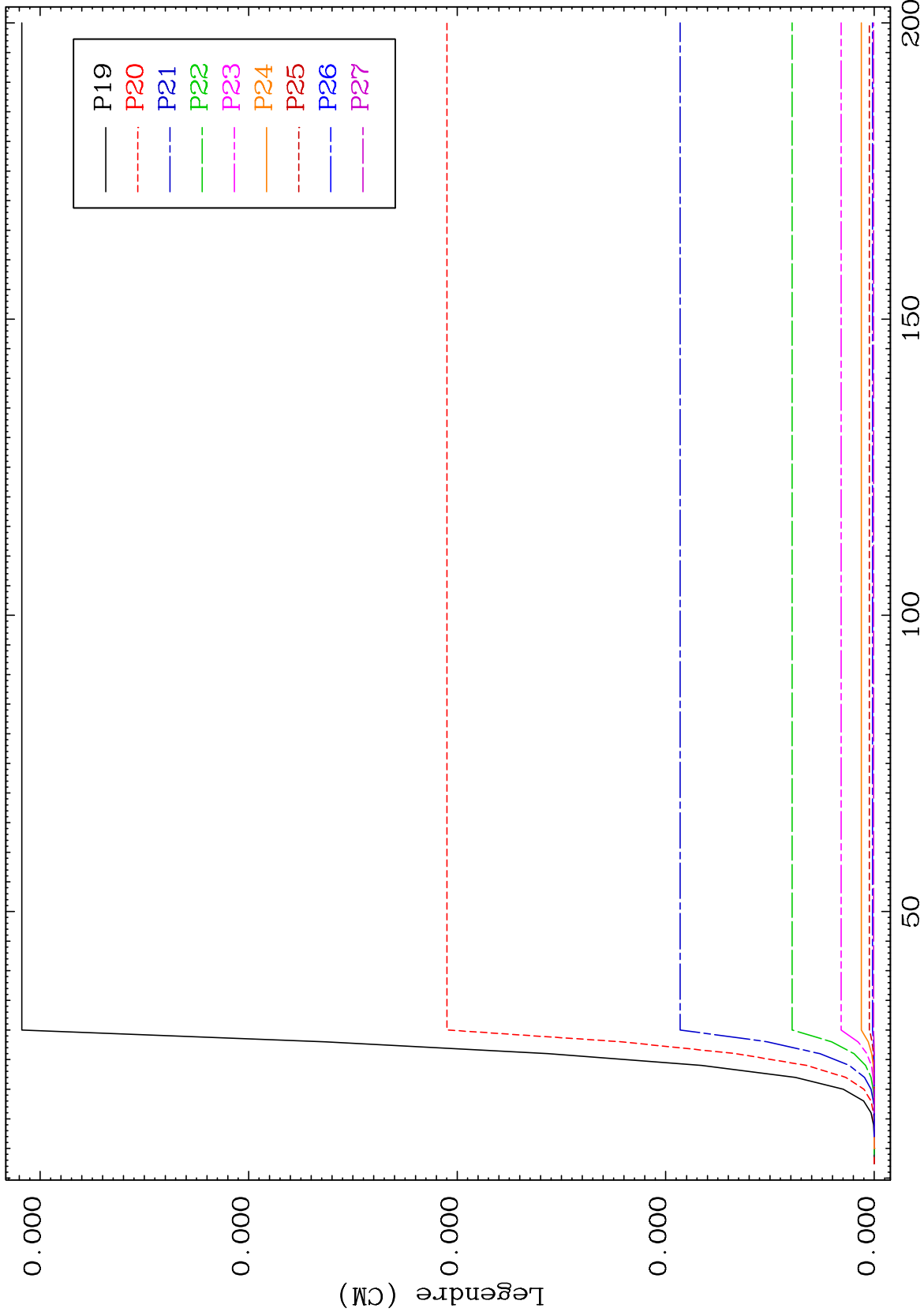
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



29

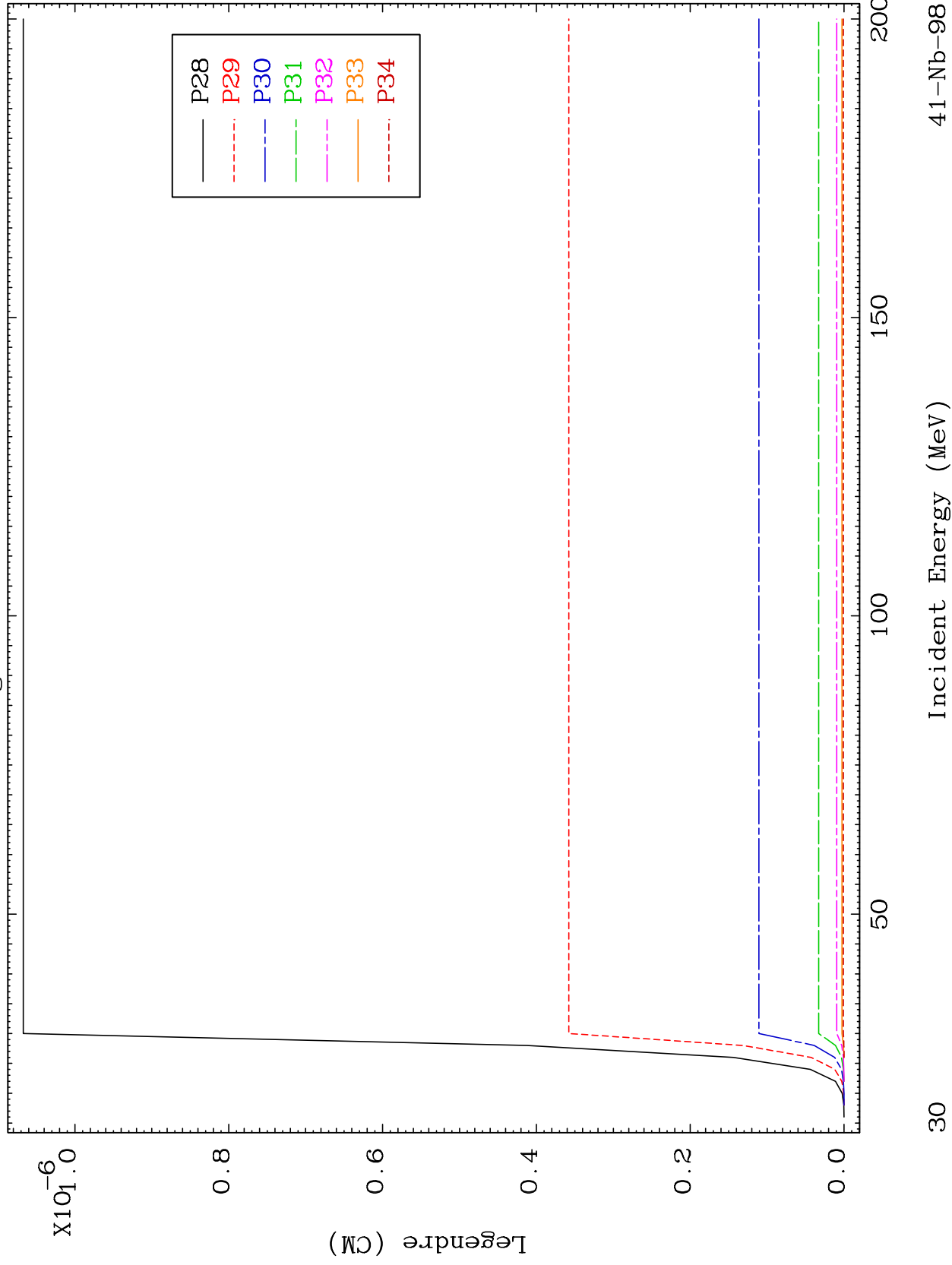
Incident Energy (MeV)

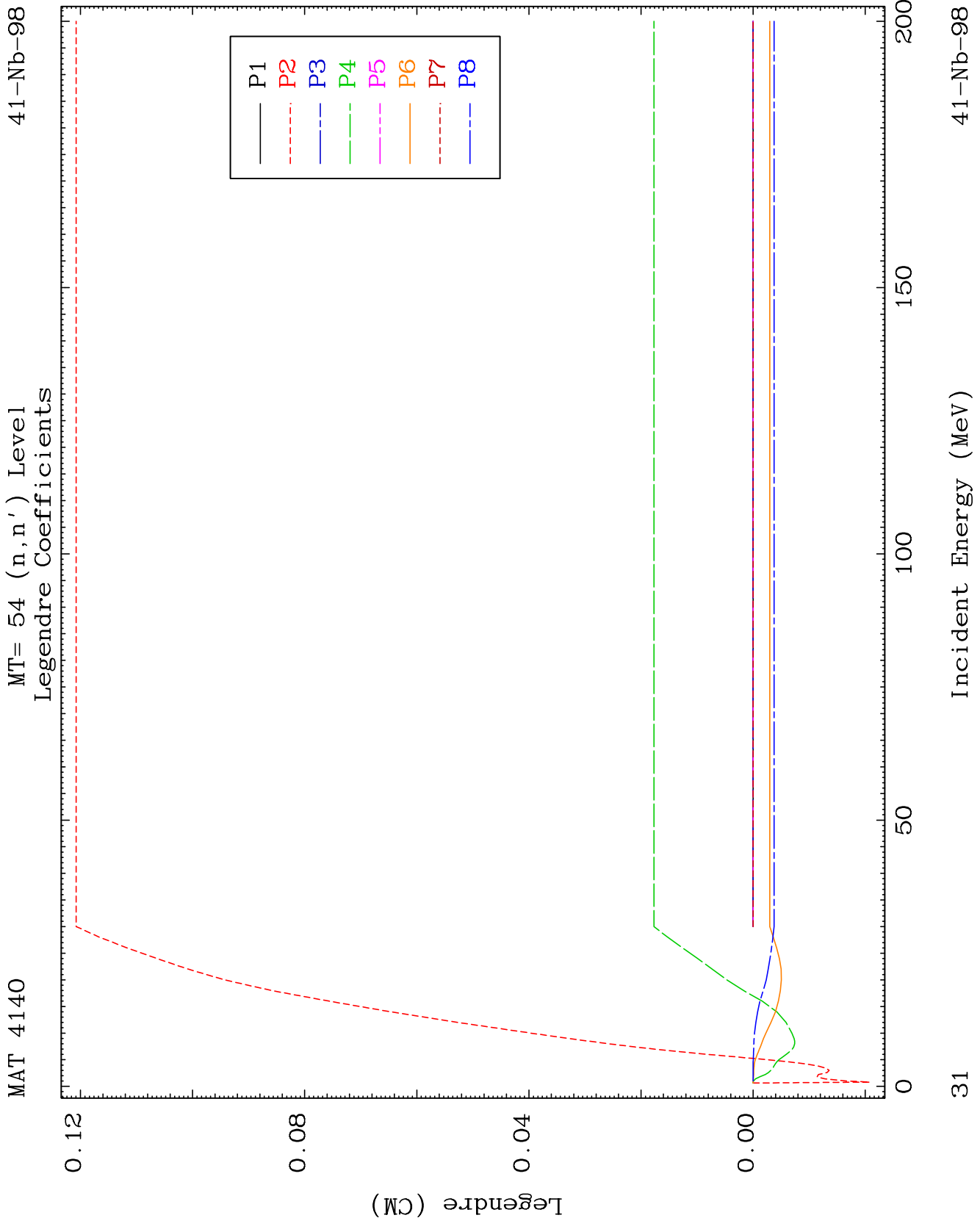
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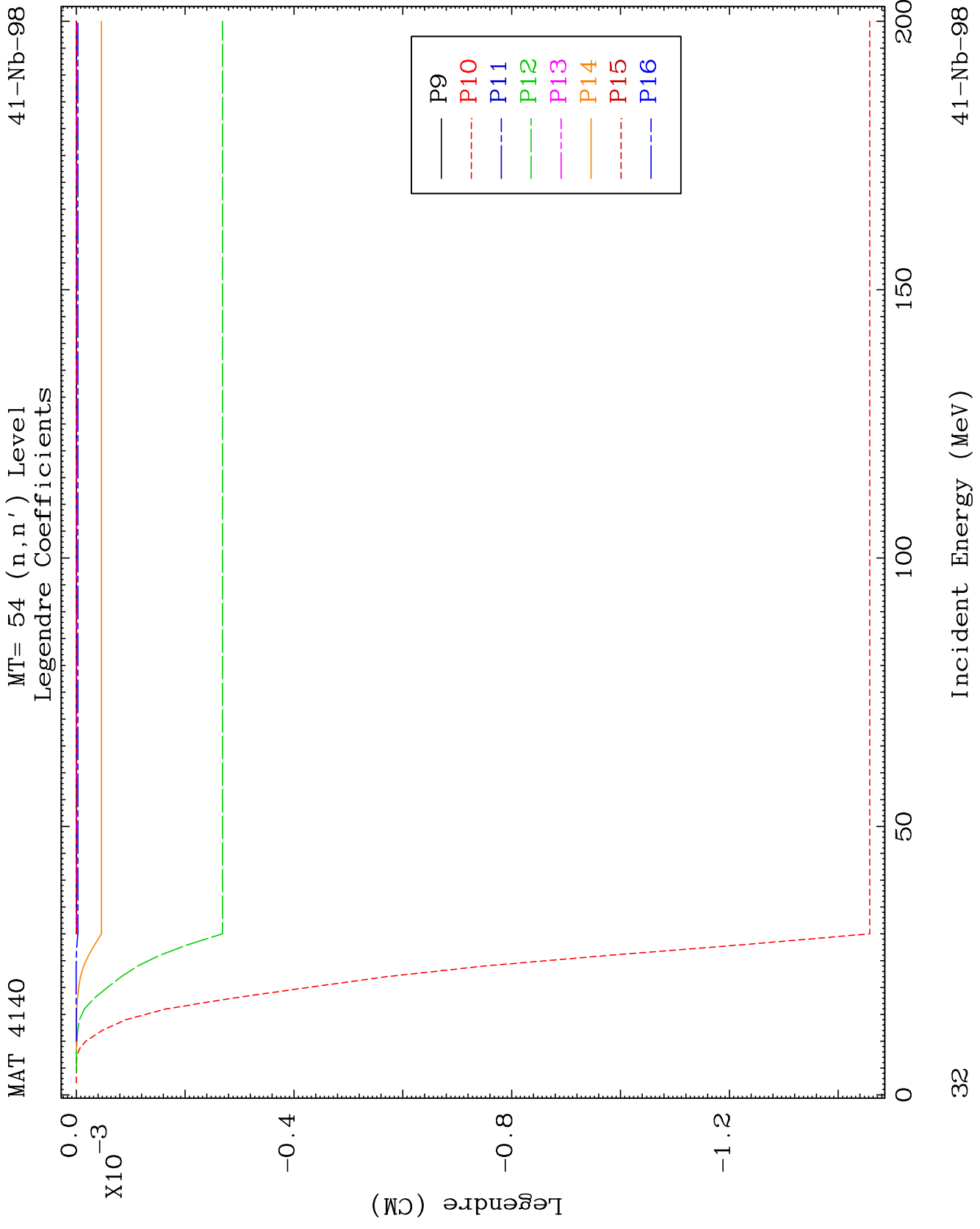
MAT 4140

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

41-Nb-98



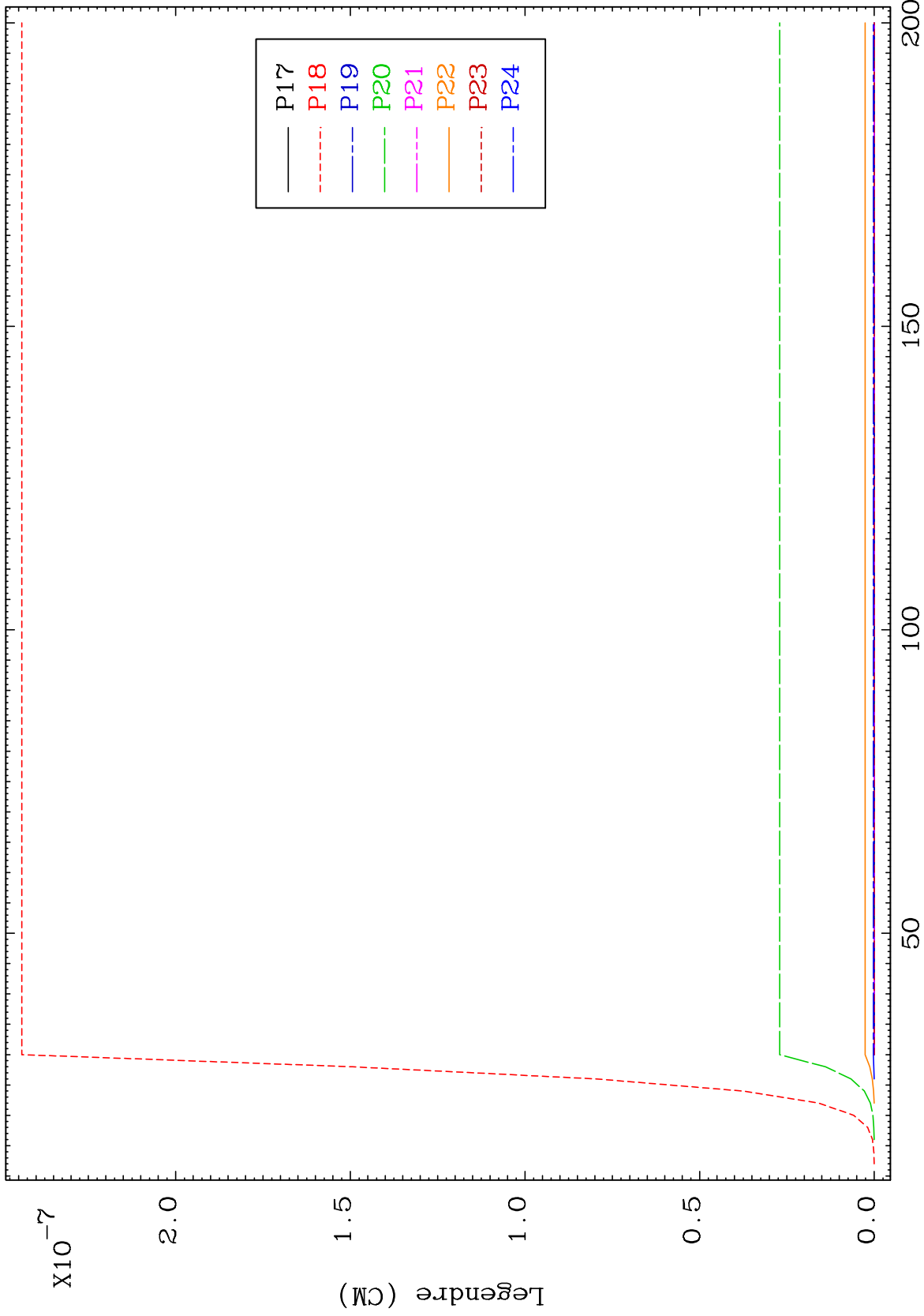




MAT 4140

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

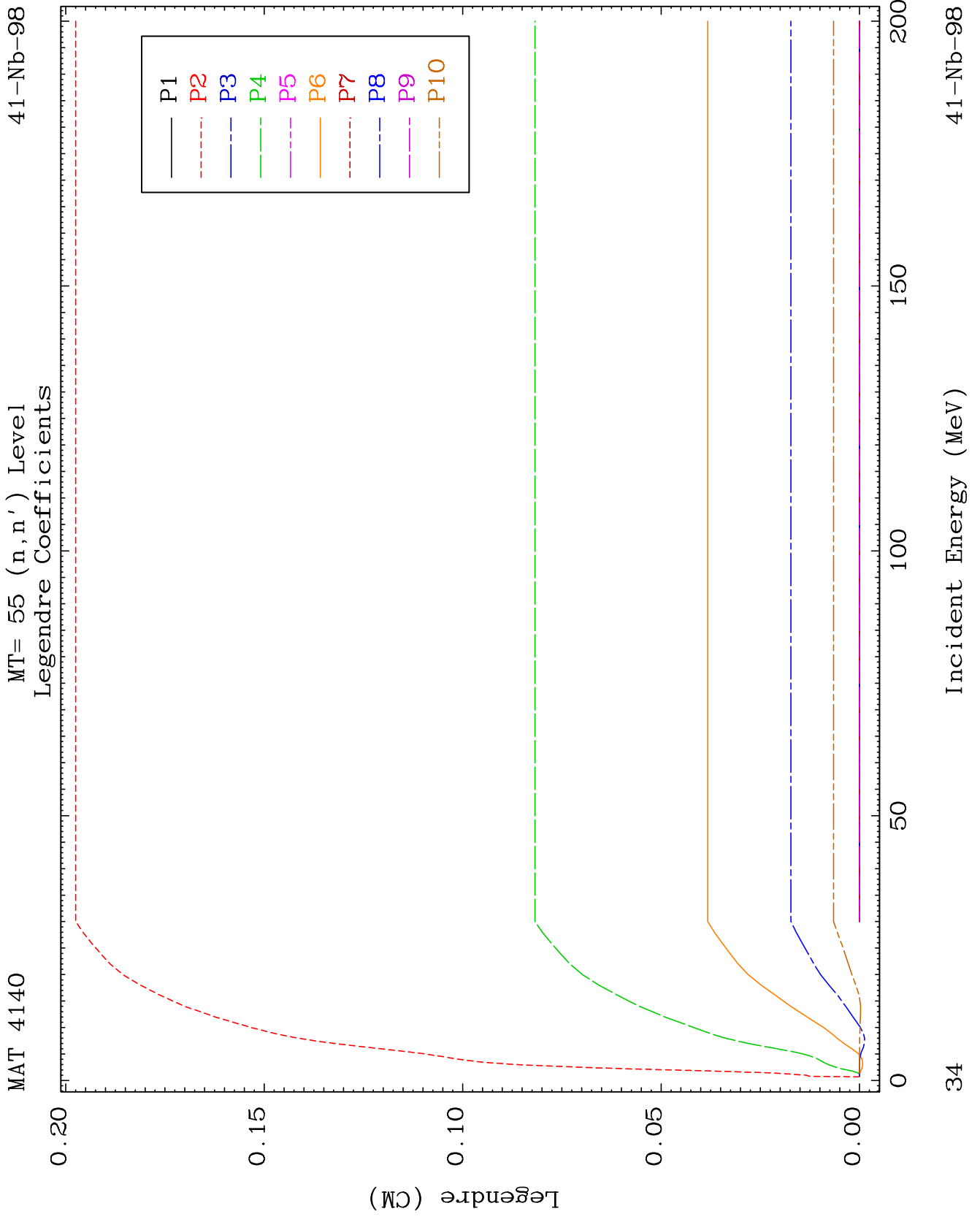
41-Nb-98



33

Incident Energy (MeV)

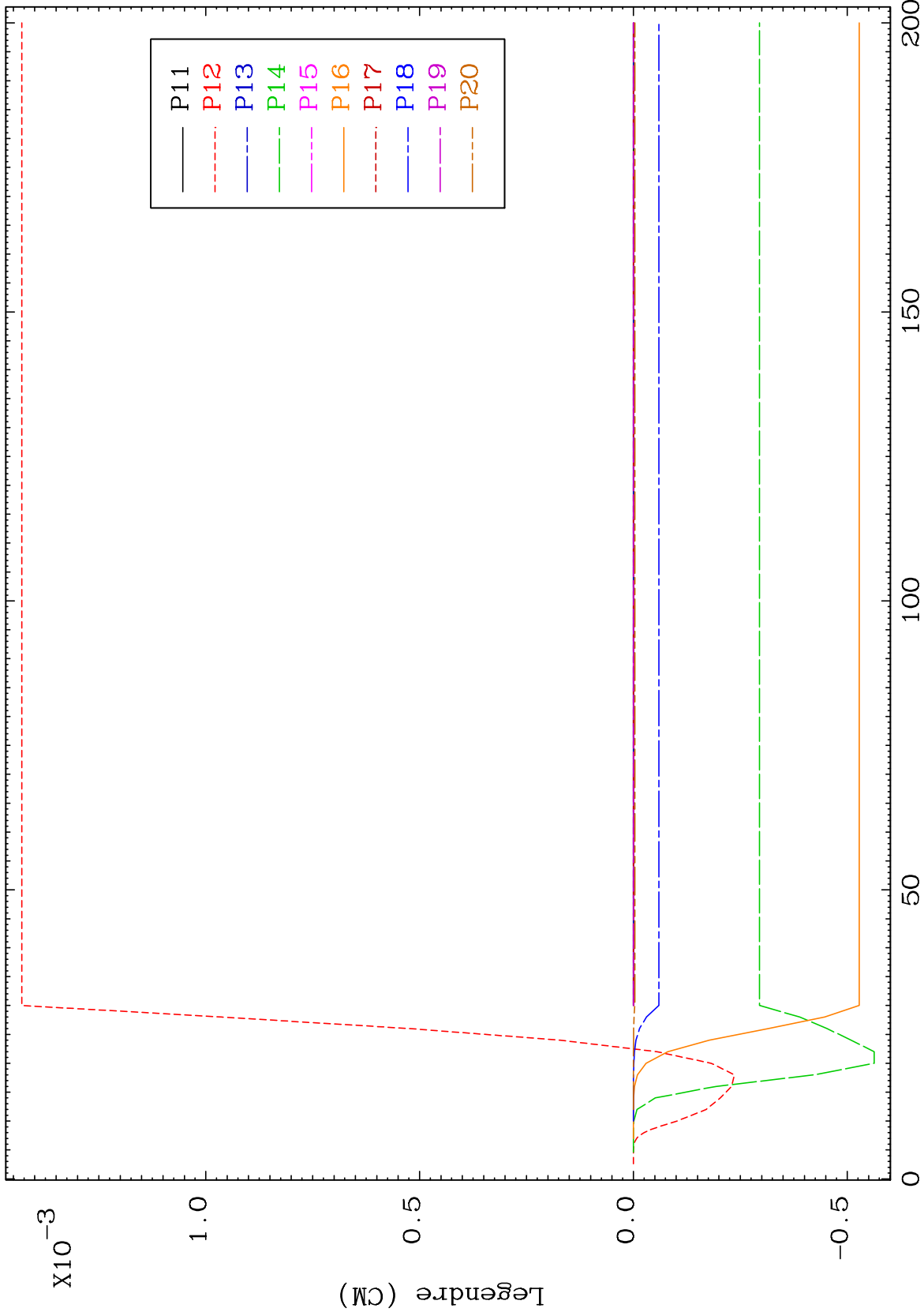
41-Nb-98



MAT 4140

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

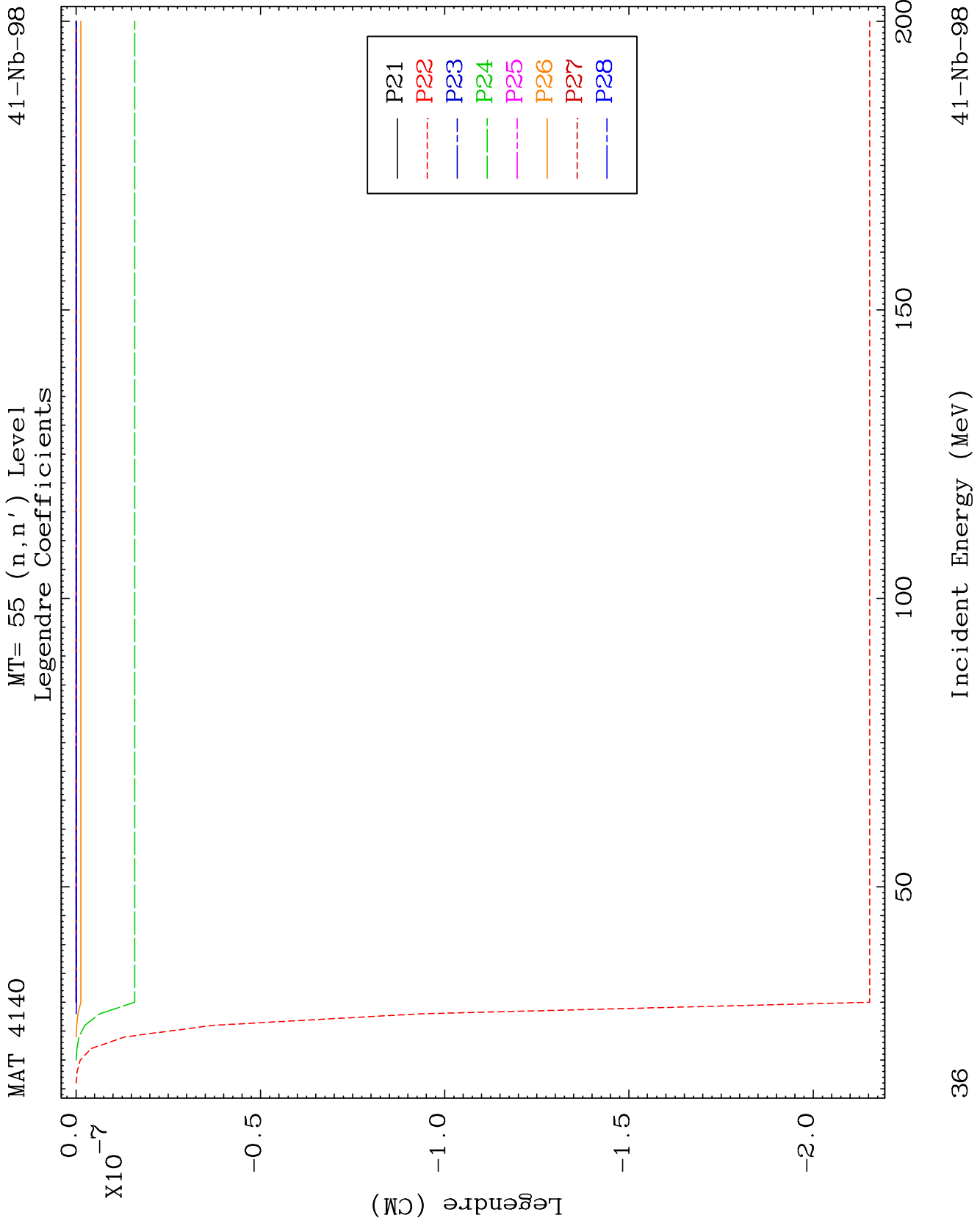
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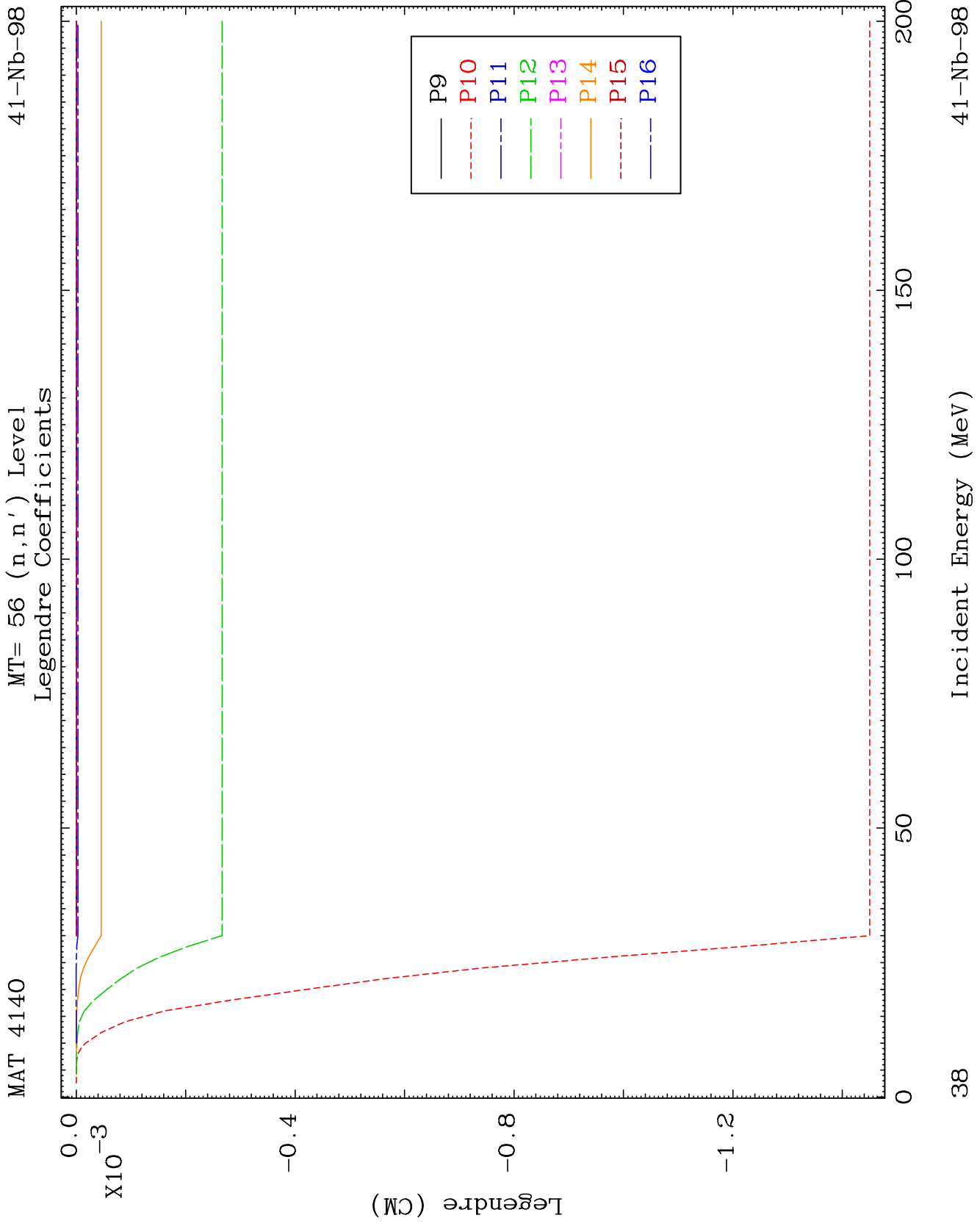


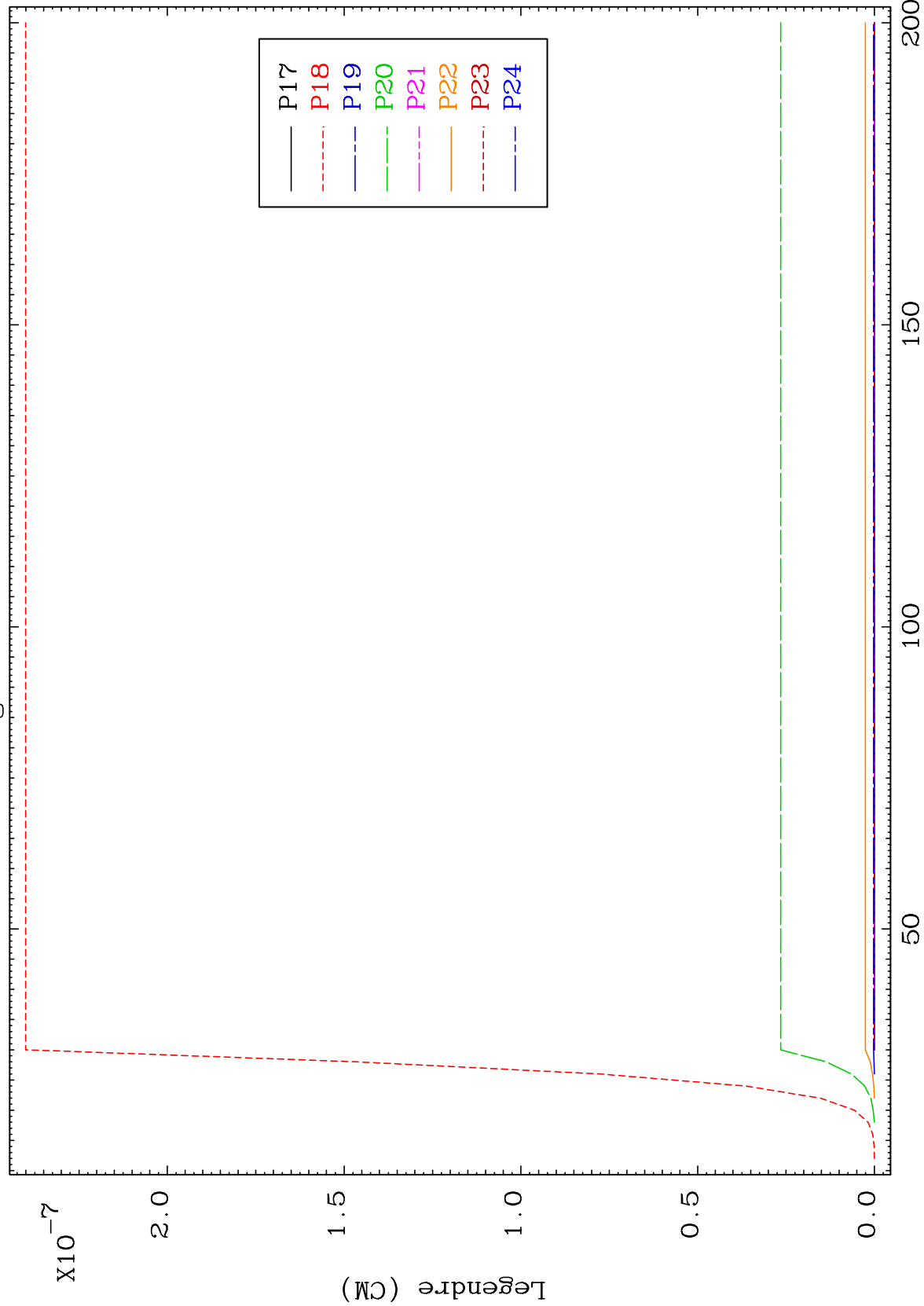
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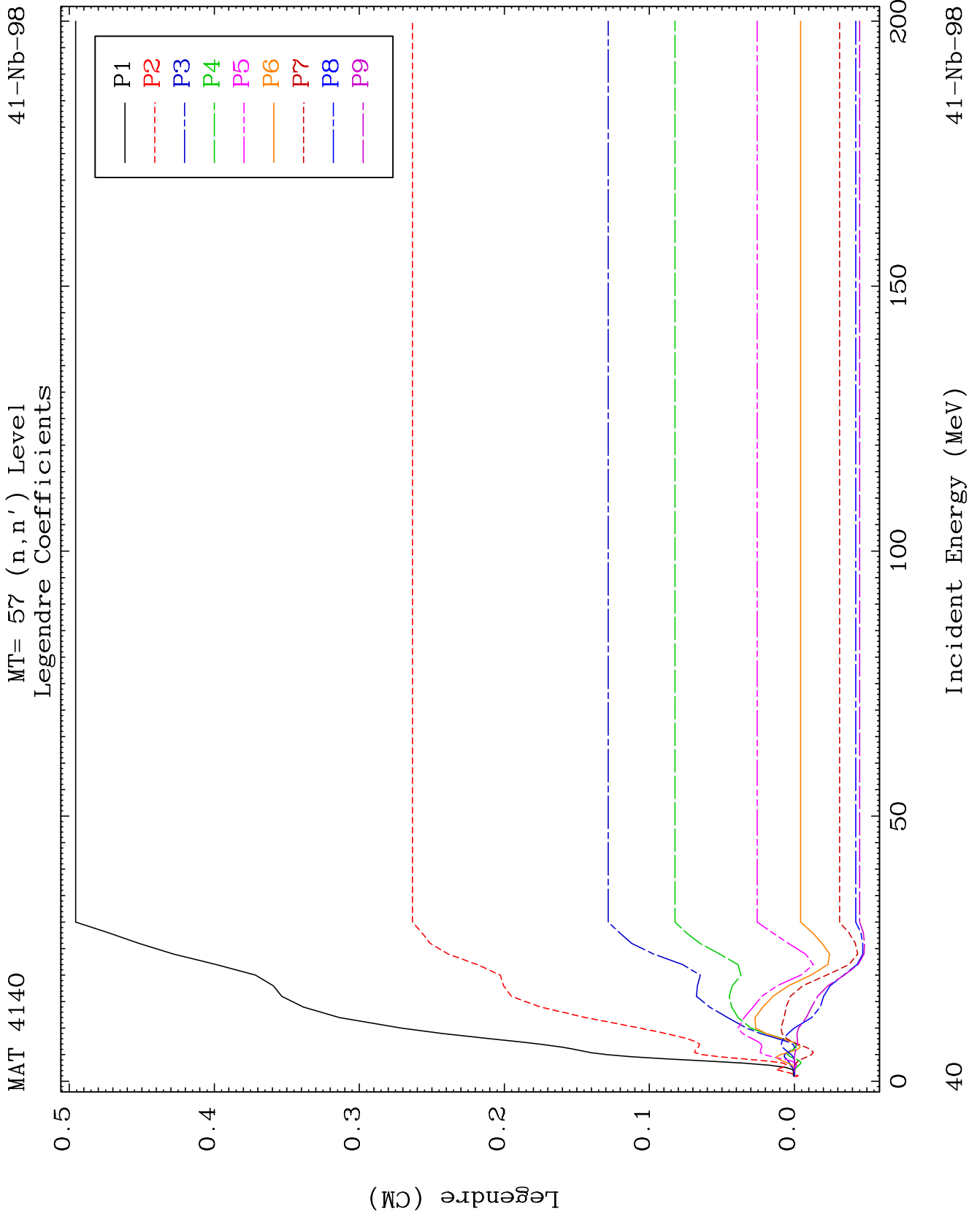
Incident Energy (MeV)

41-Nb-98





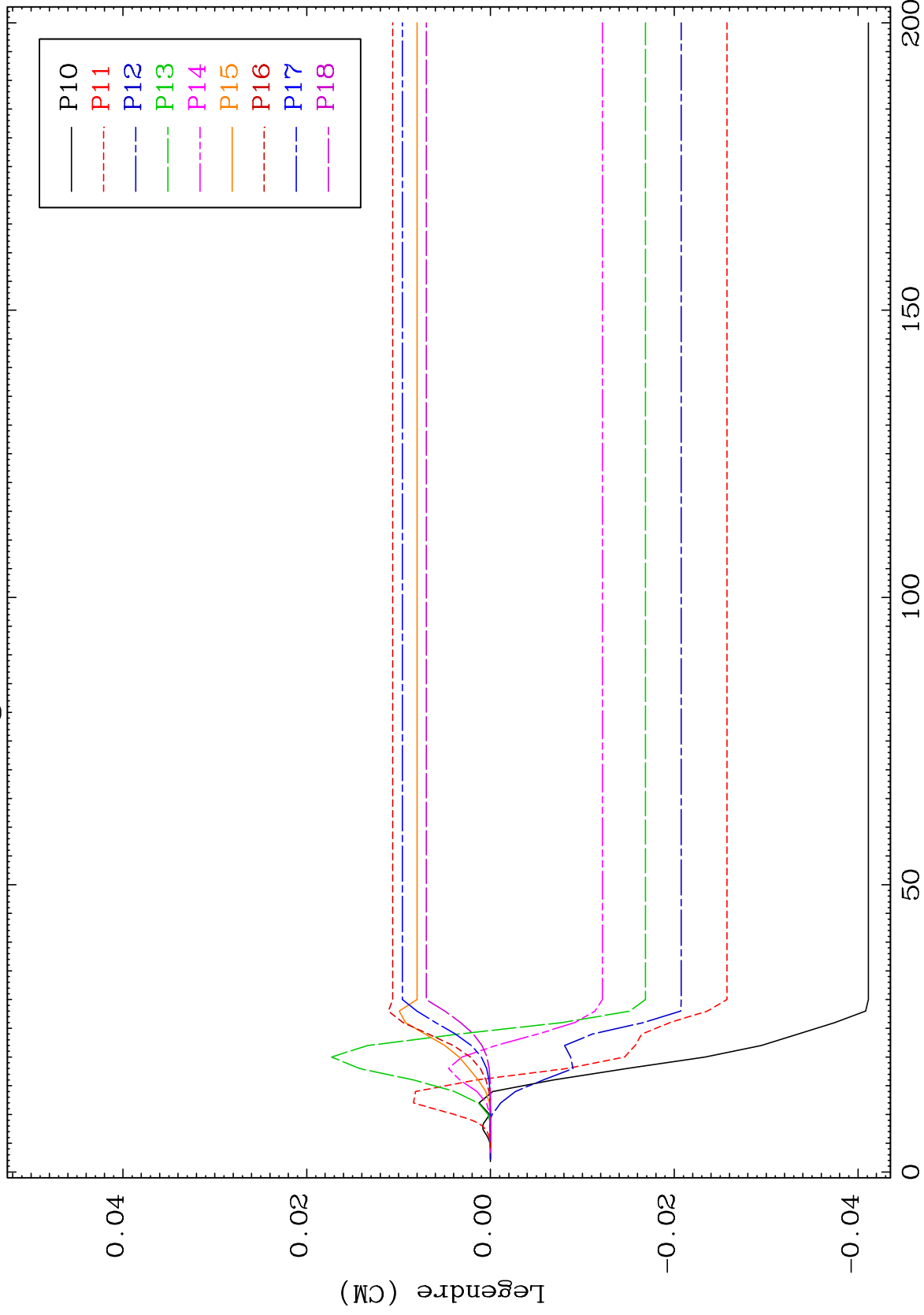




MAT 4140

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

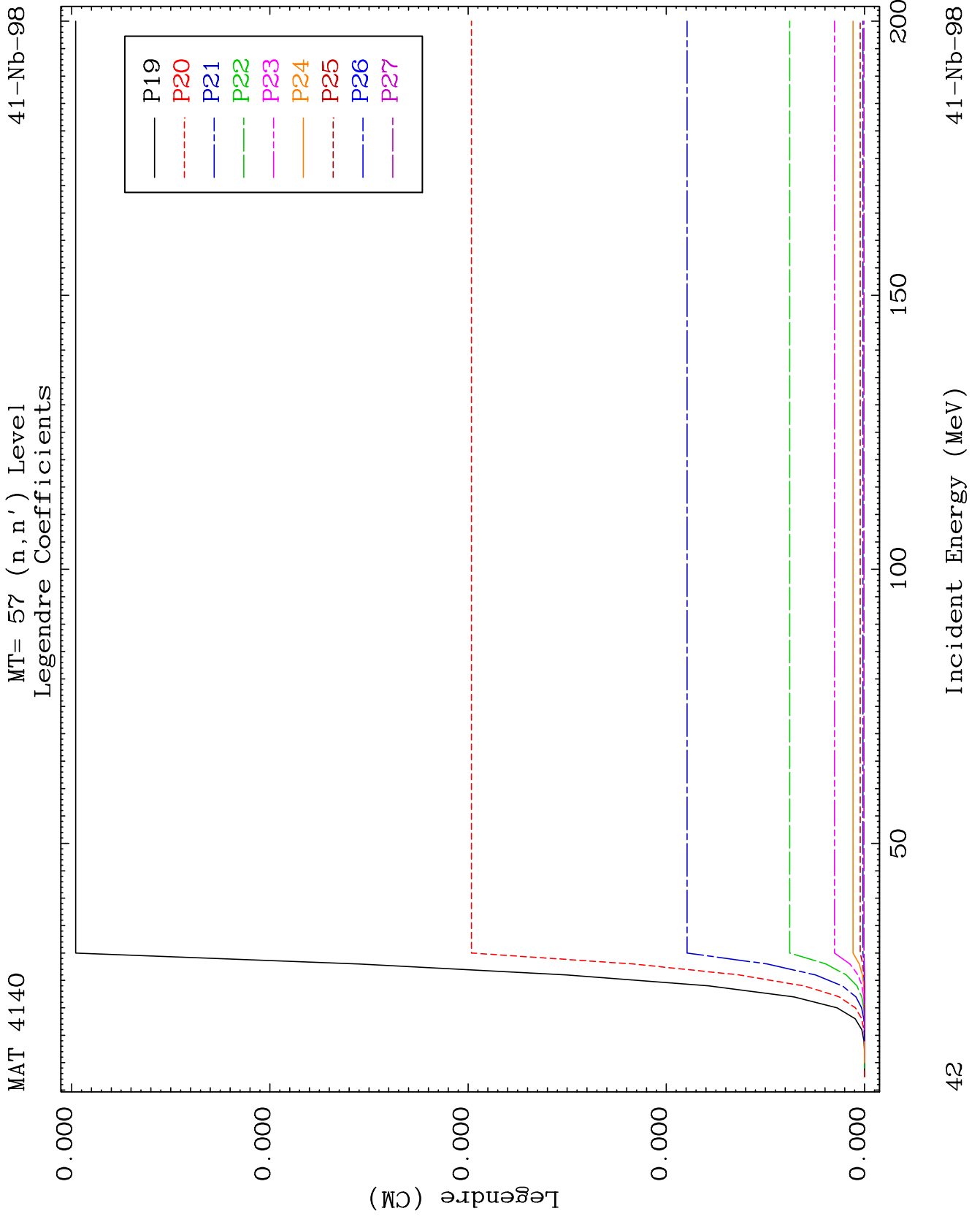
41-Nb-98



41

Incident Energy (MeV)

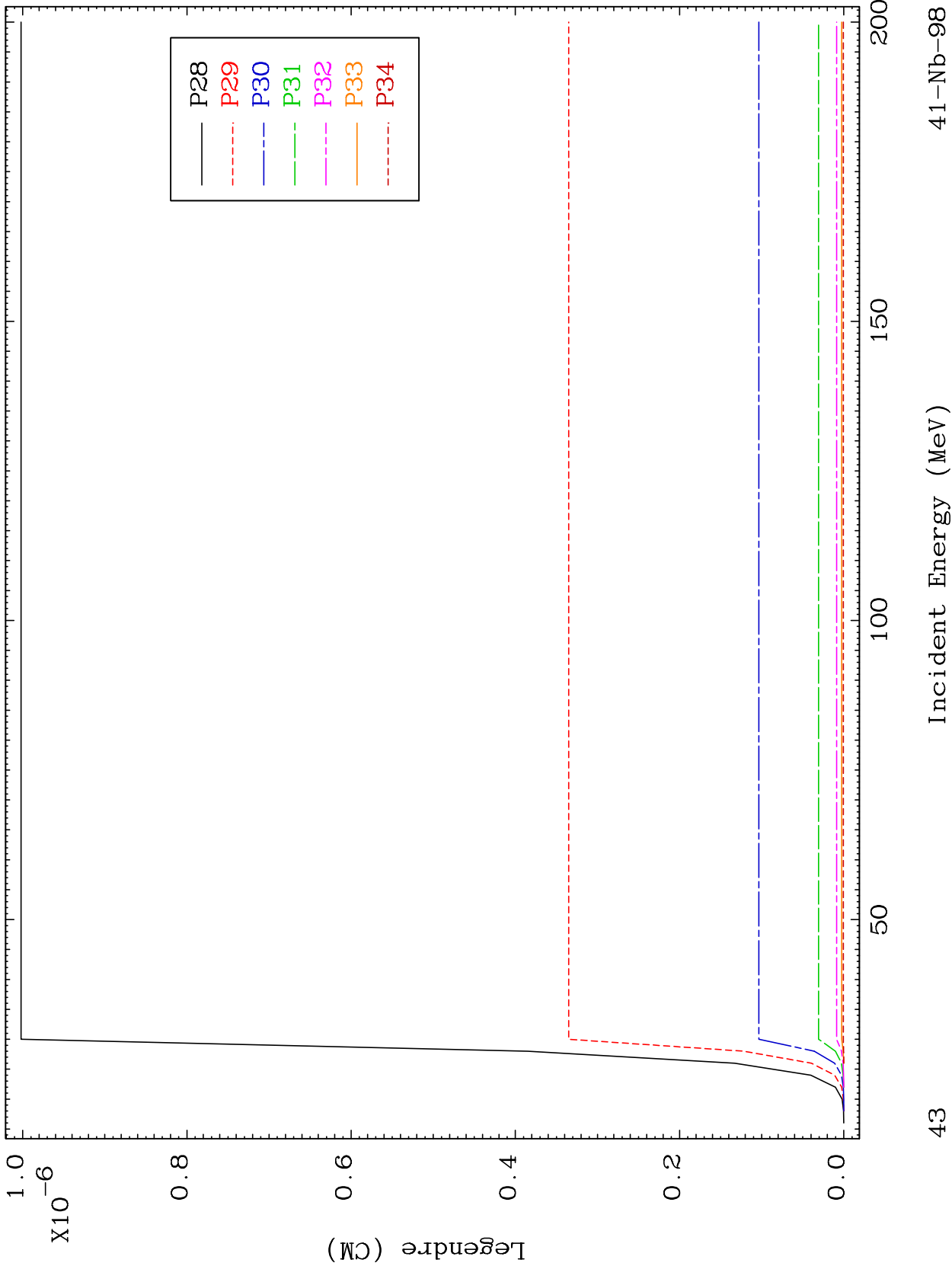
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MAT 4140

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

41-Nb-98



43

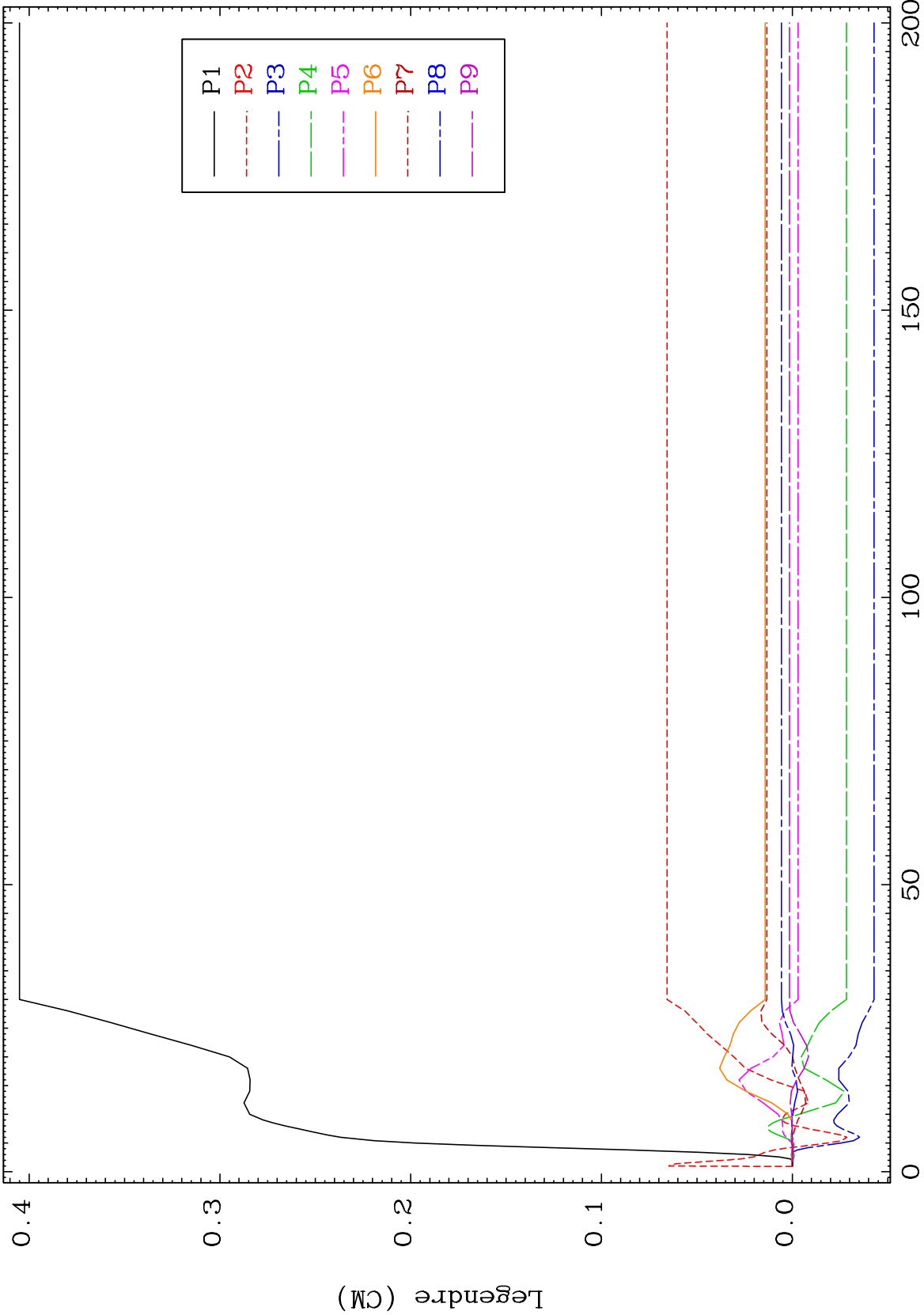
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



44

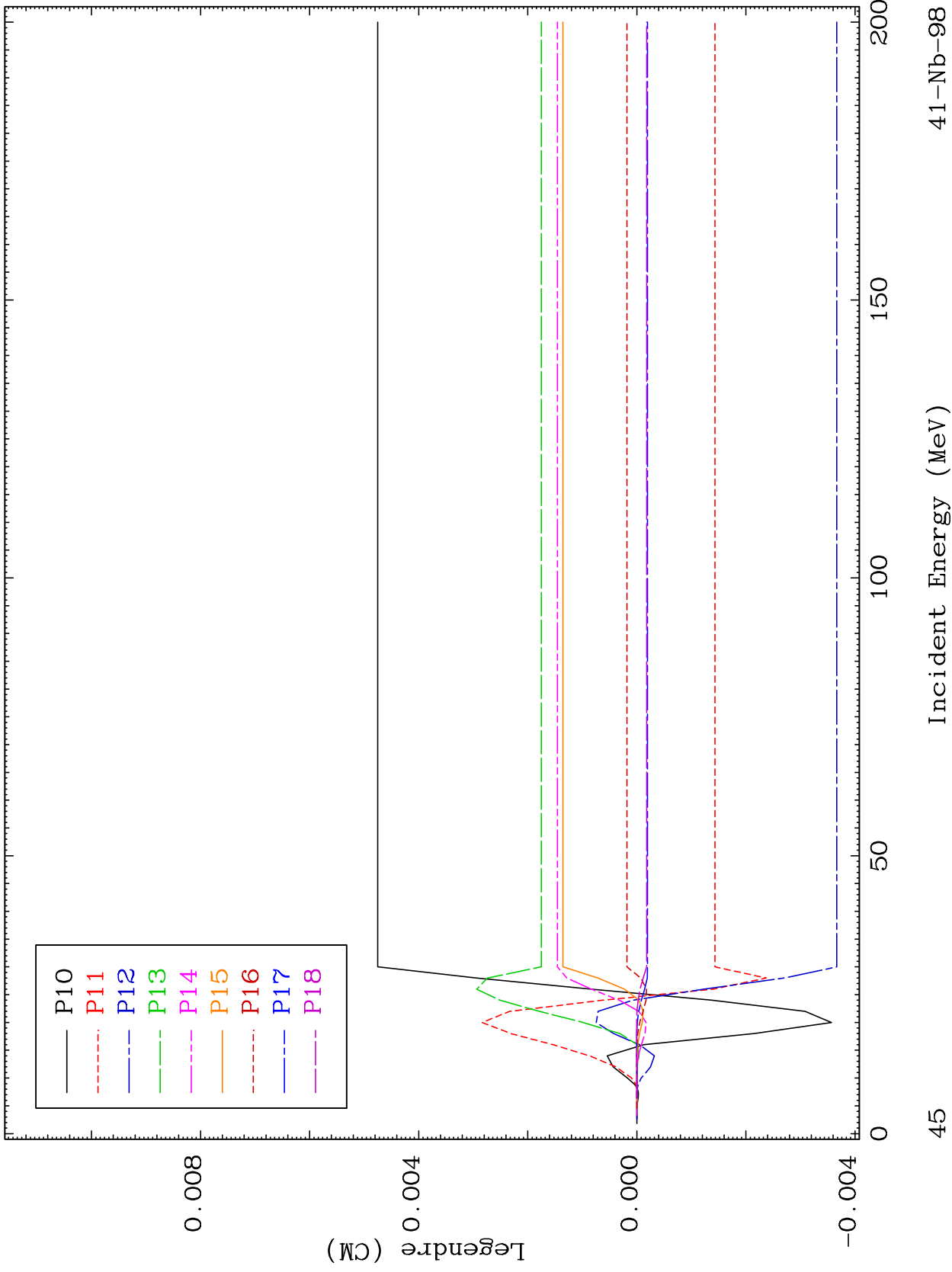
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



41-Nb-98

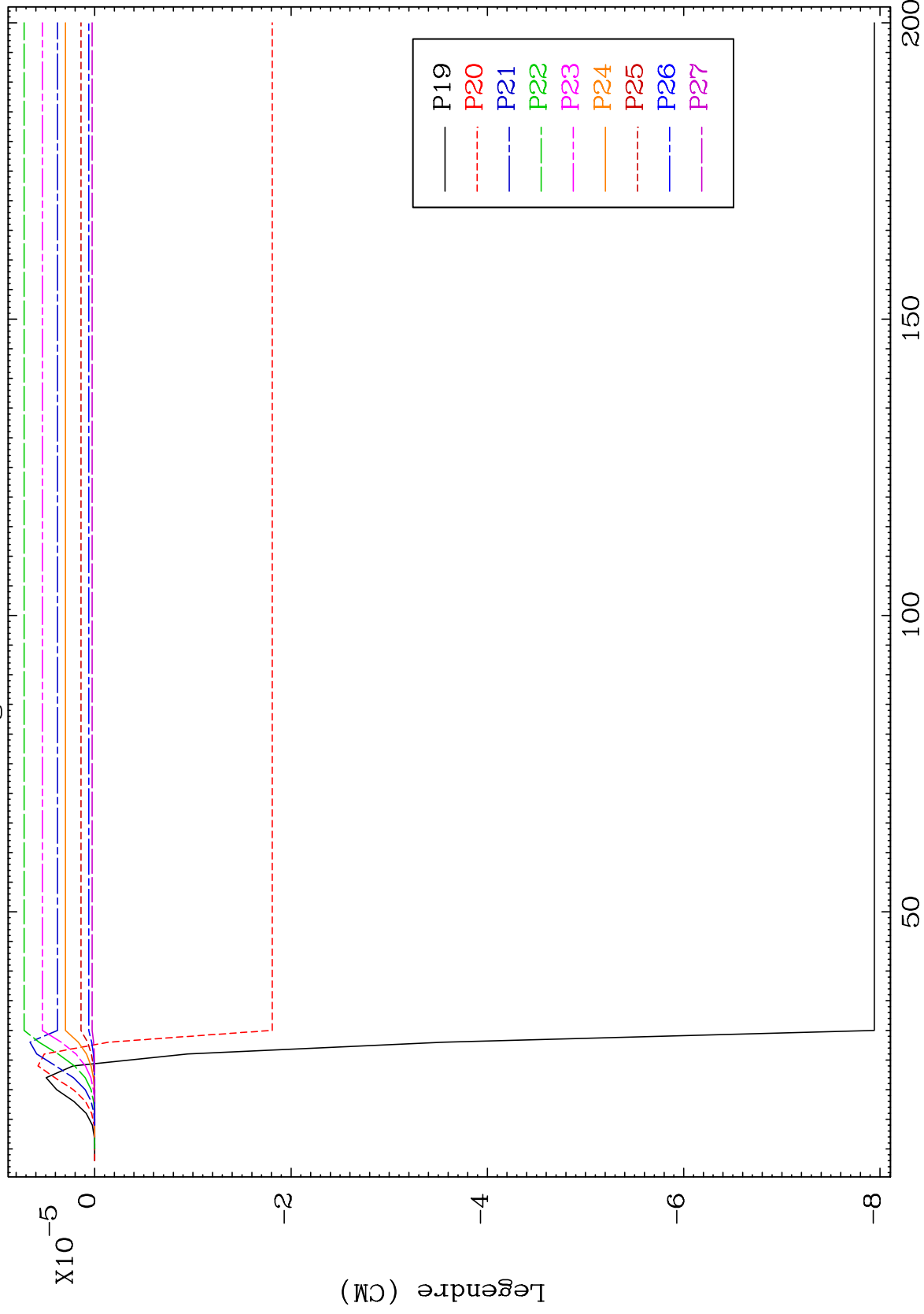
Incident Energy (MeV)

45

MAT 4140

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

41-Nb-98



46

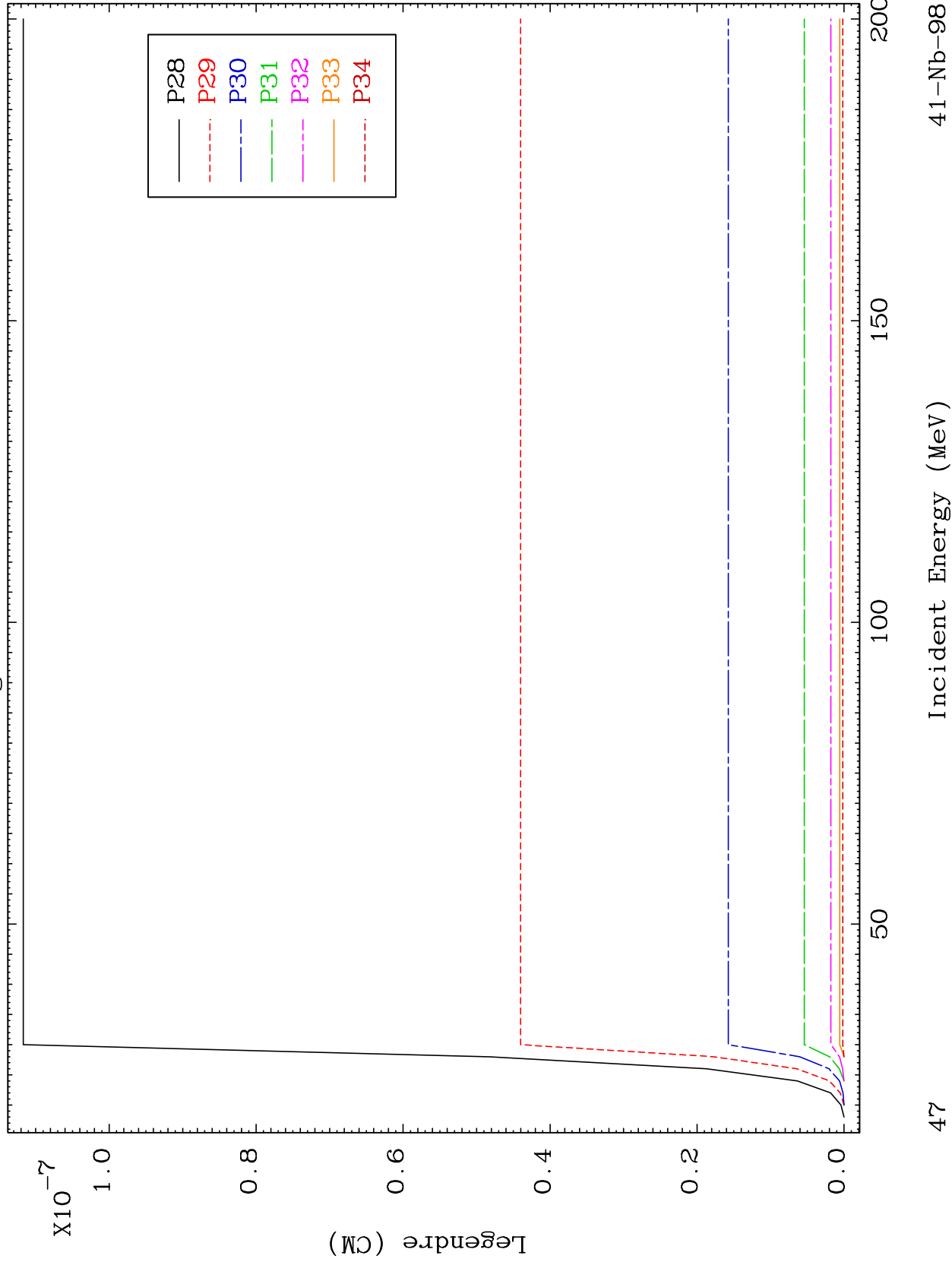
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

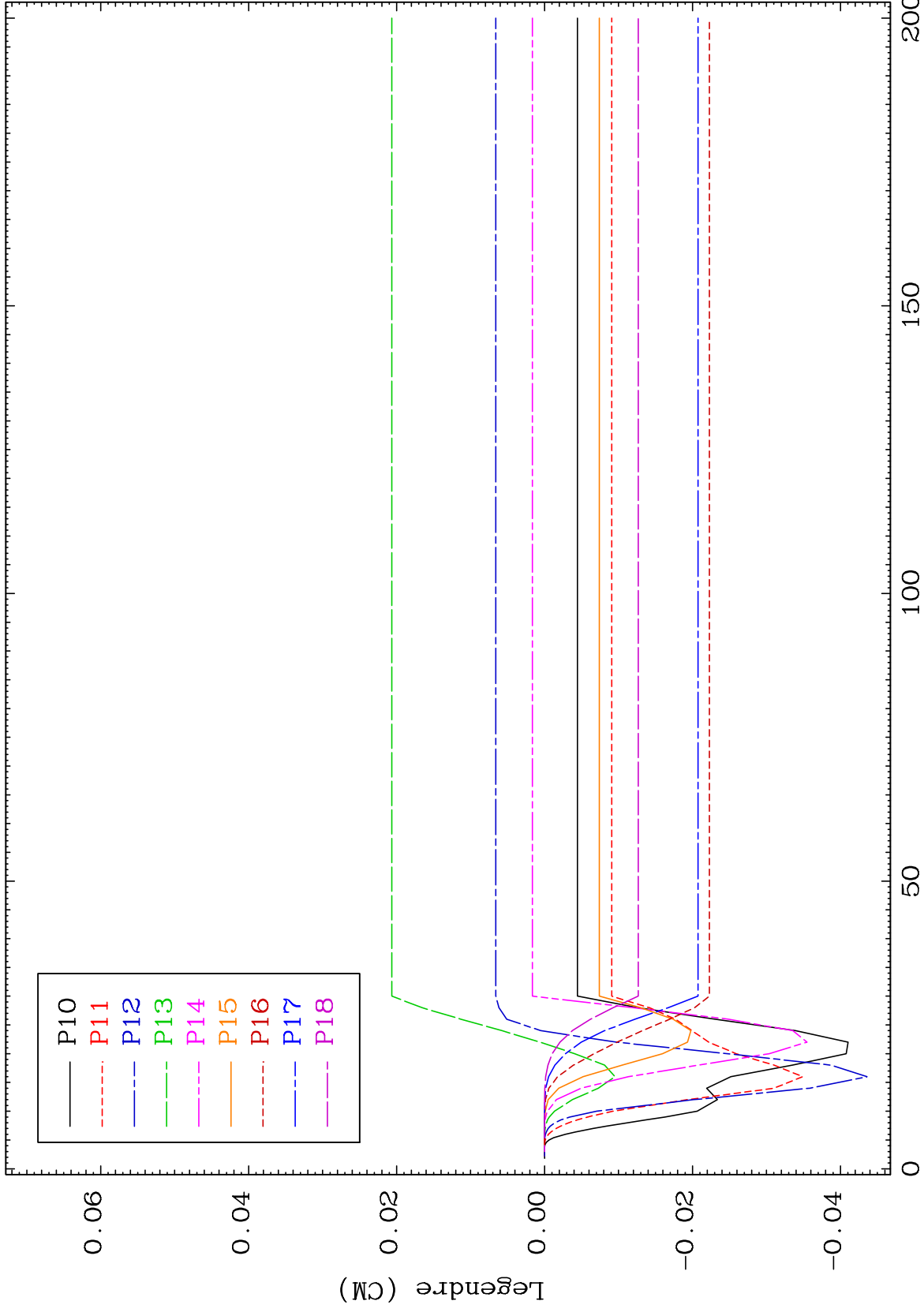
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MAT 4140

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

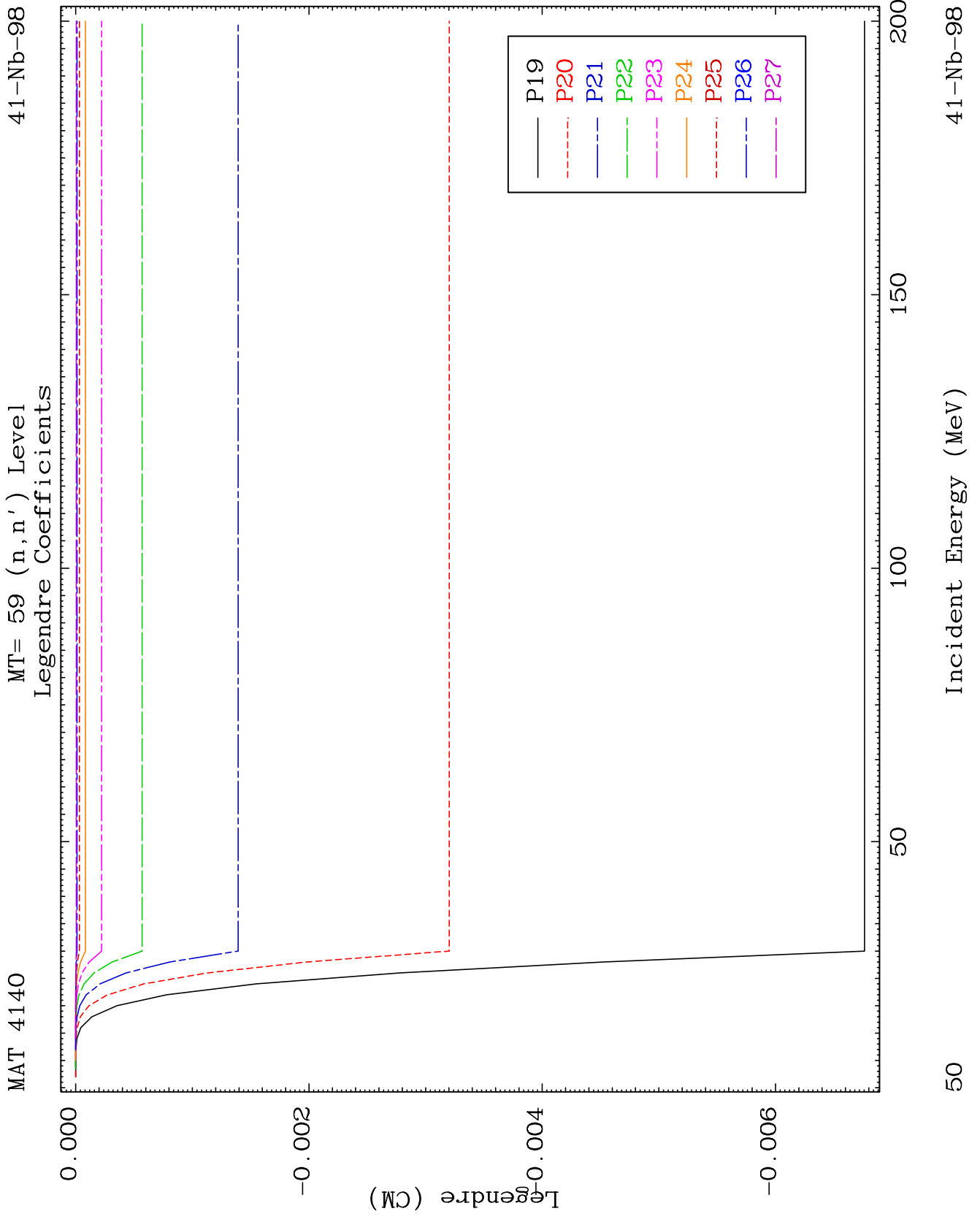
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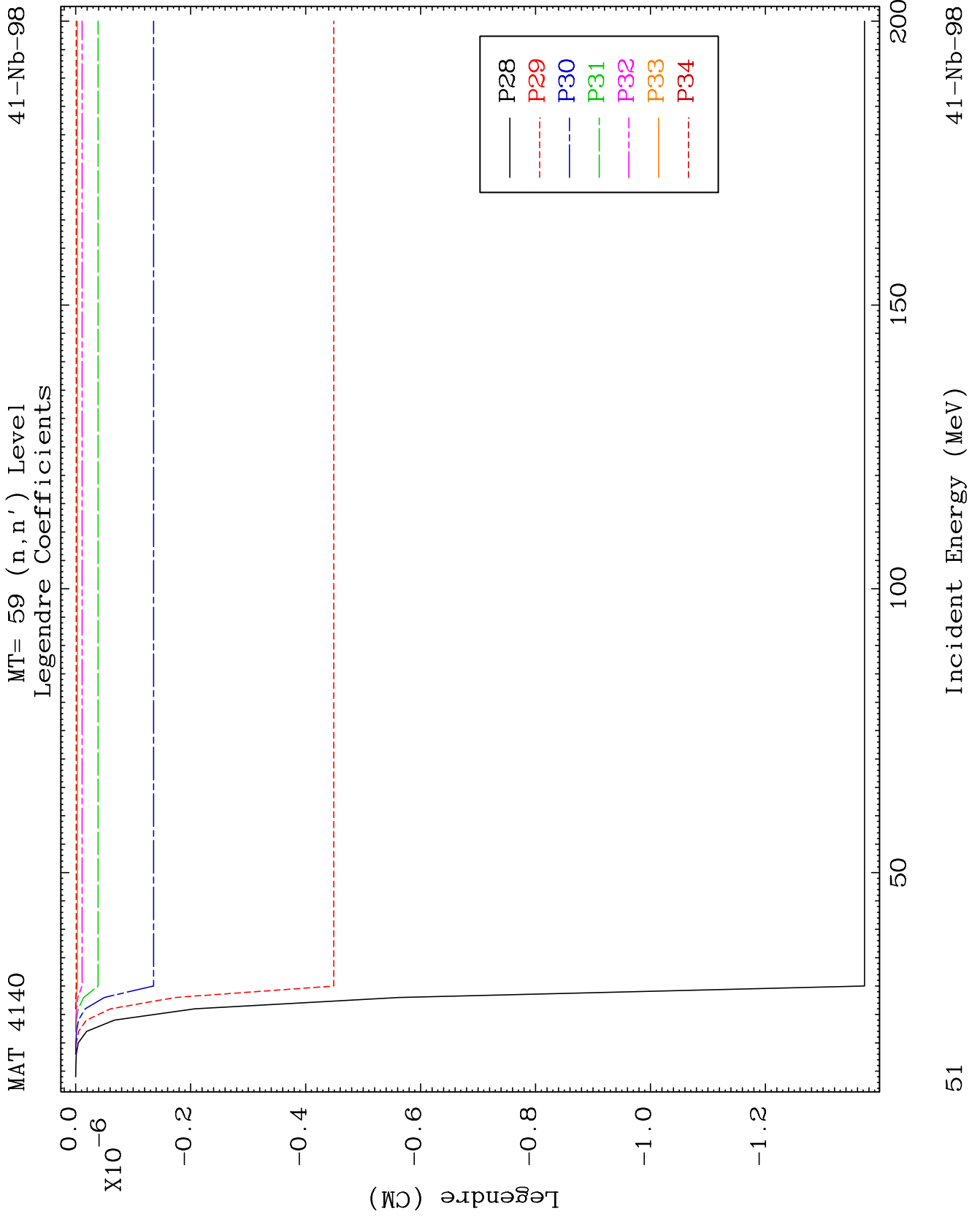


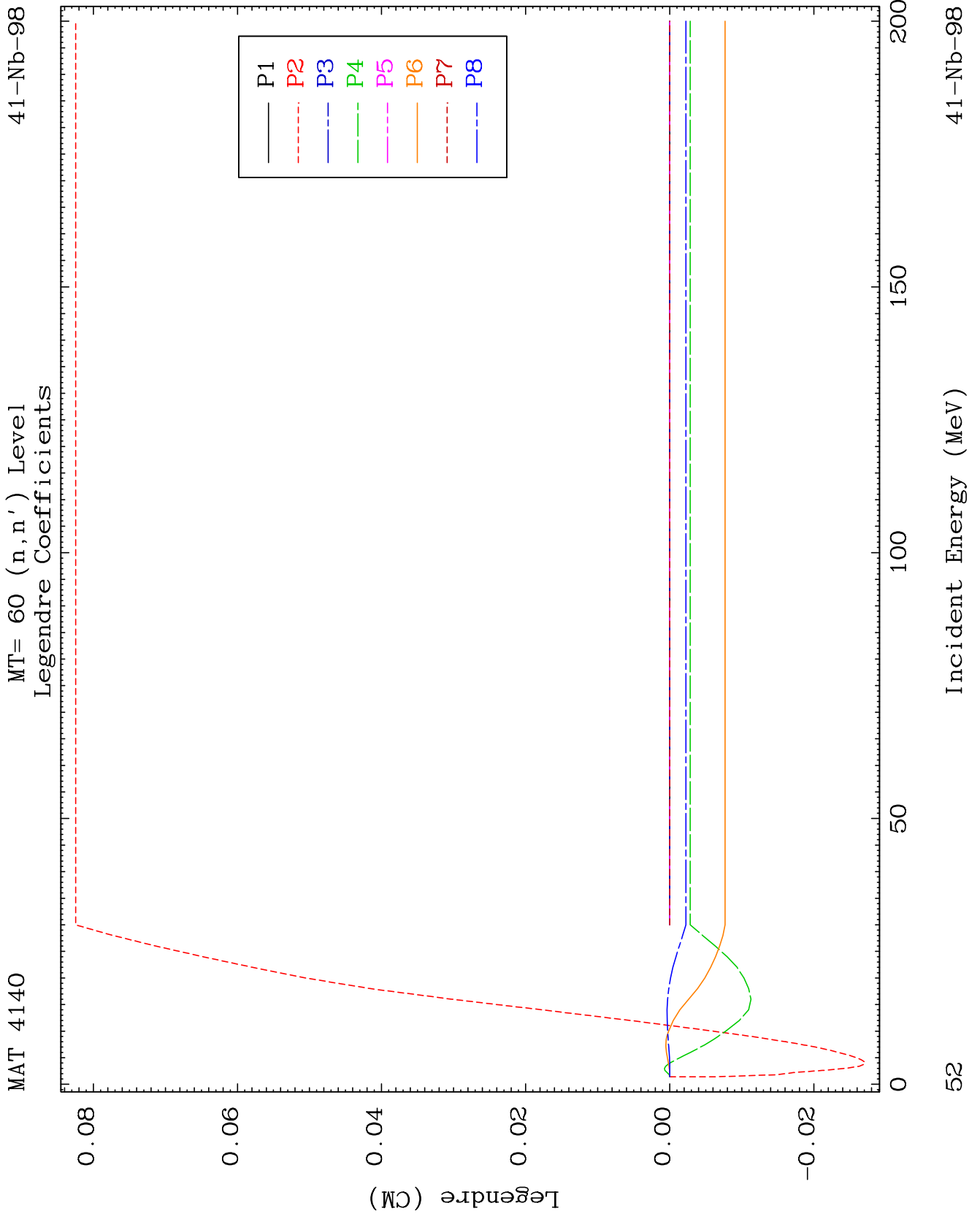
49

Incident Energy (MeV)

41-Nb-98



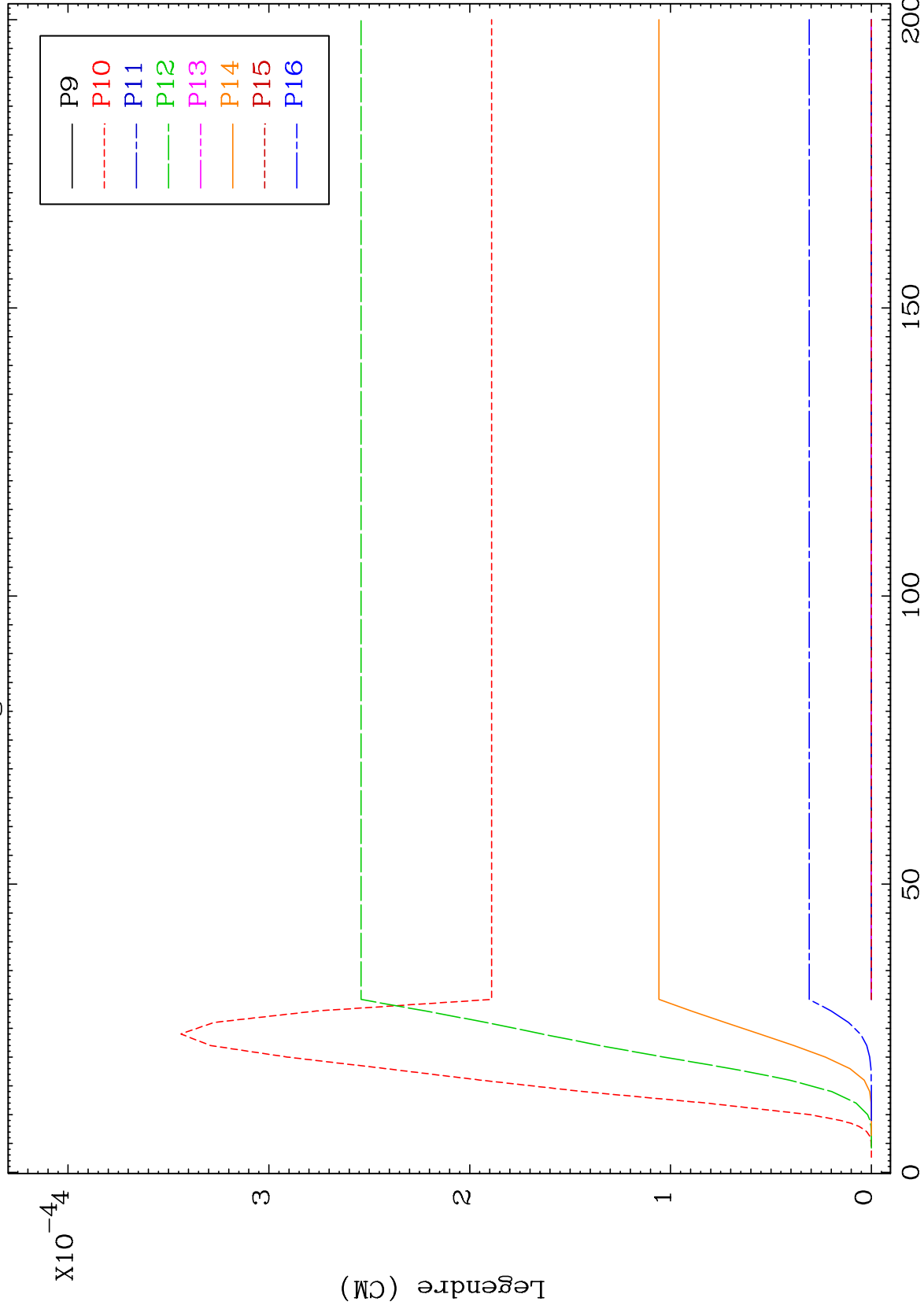




MAT 4140

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

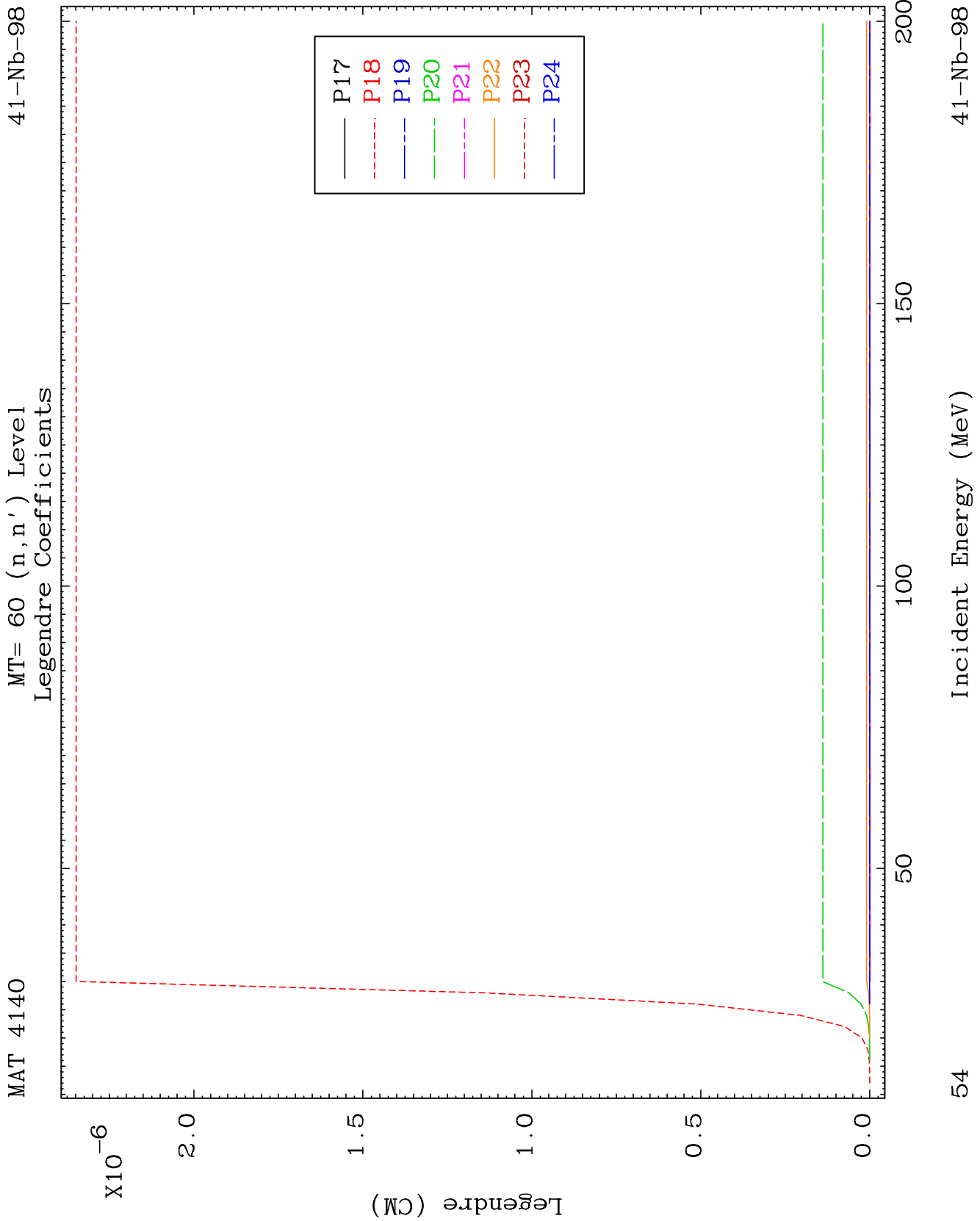
41-Nb-98



53

Incident Energy (MeV)

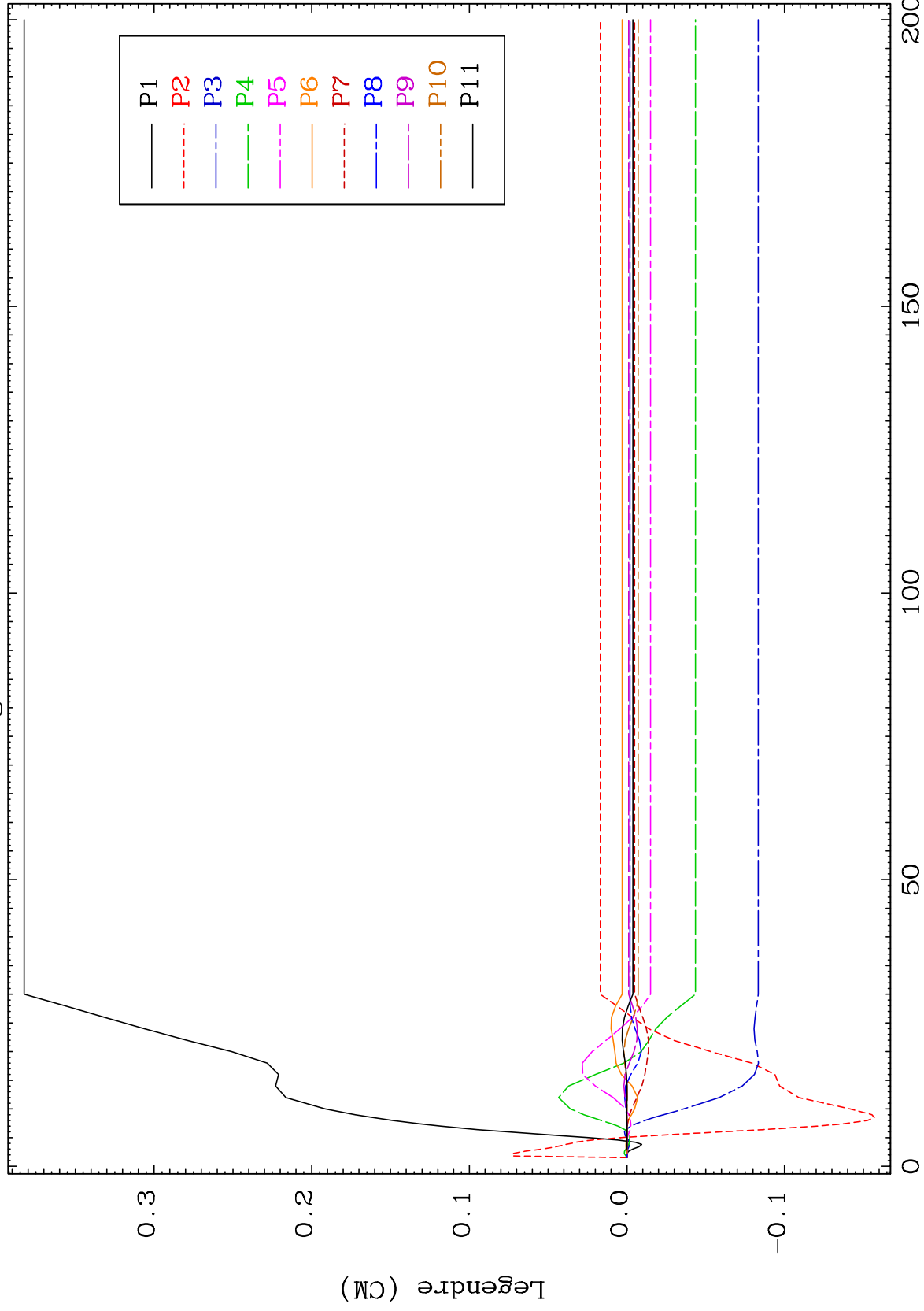
41-Nb-98



MAT 4140

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

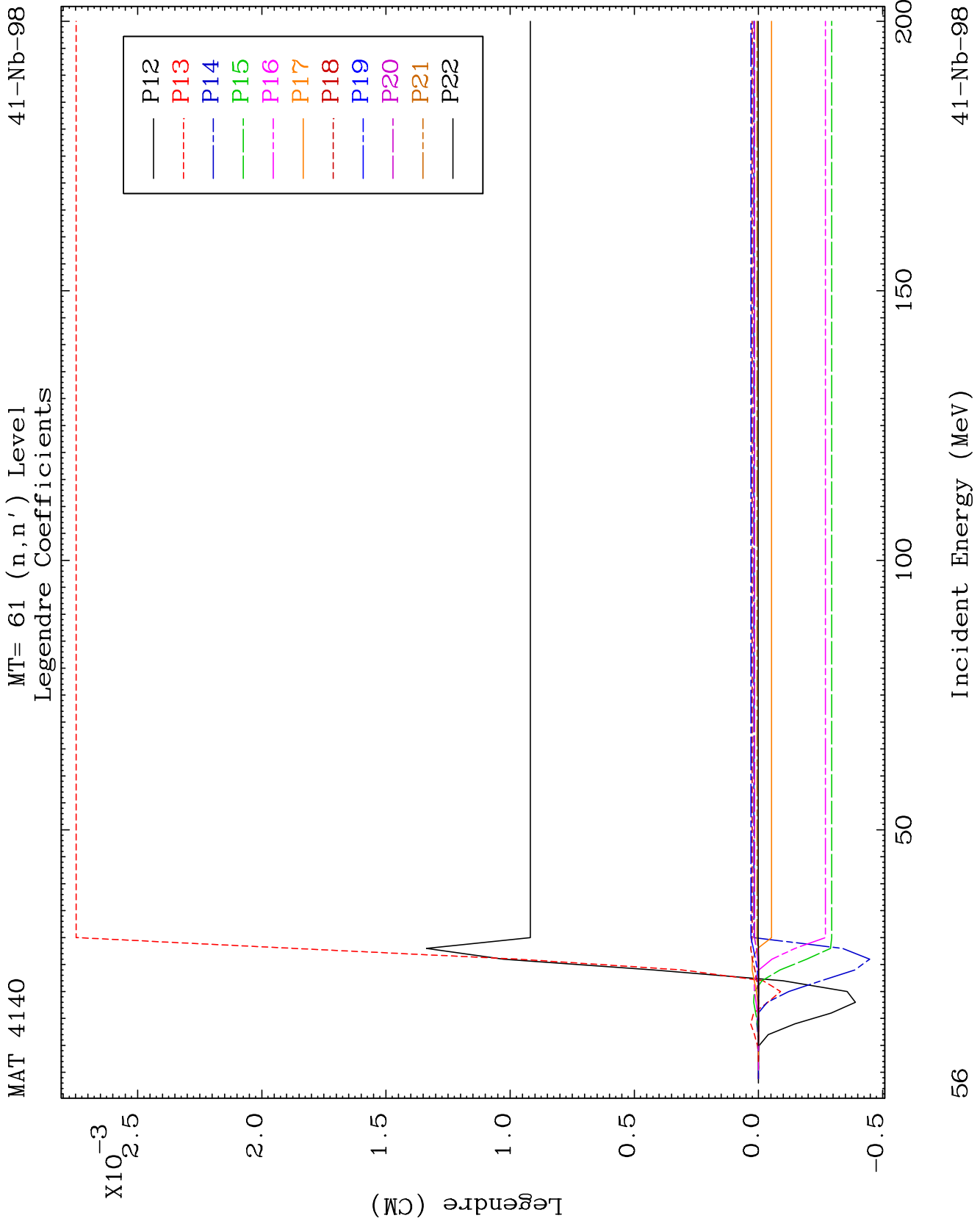
41-Nb-98



55

Incident Energy (MeV)

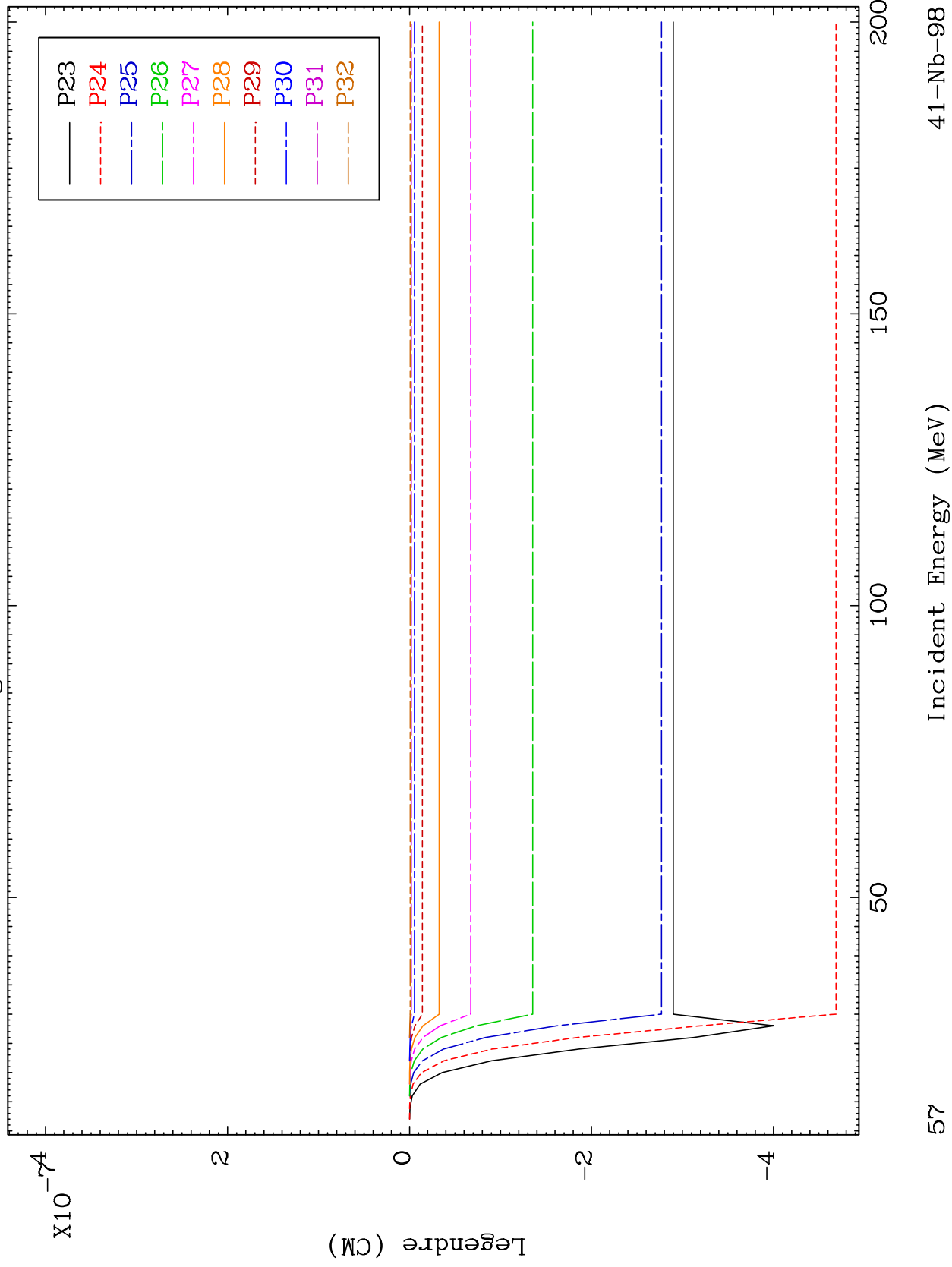
41-Nb-98



MAT 4140

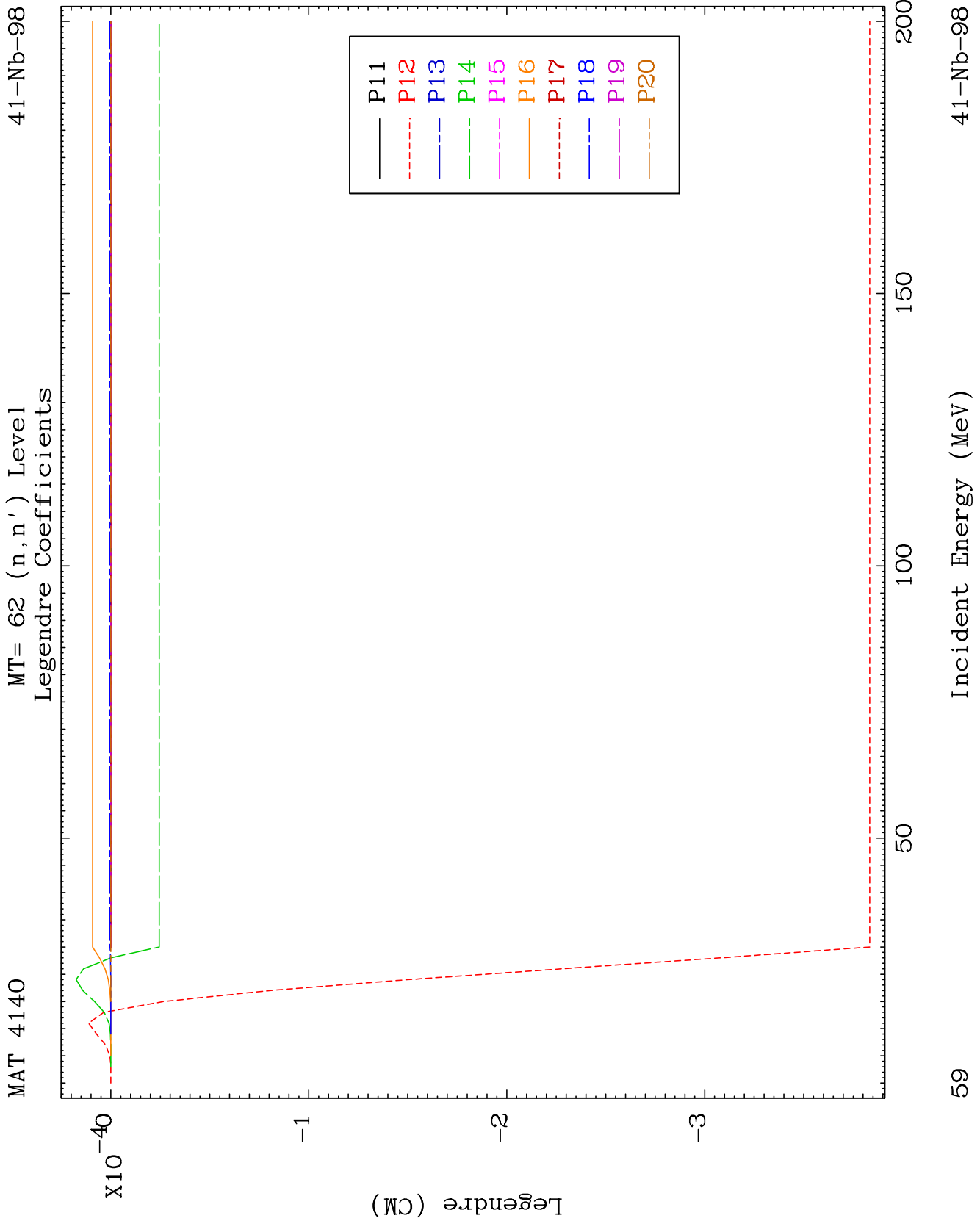
MT= 61 (n,n') Level
Legendre Coefficients

41-Nb-98



57

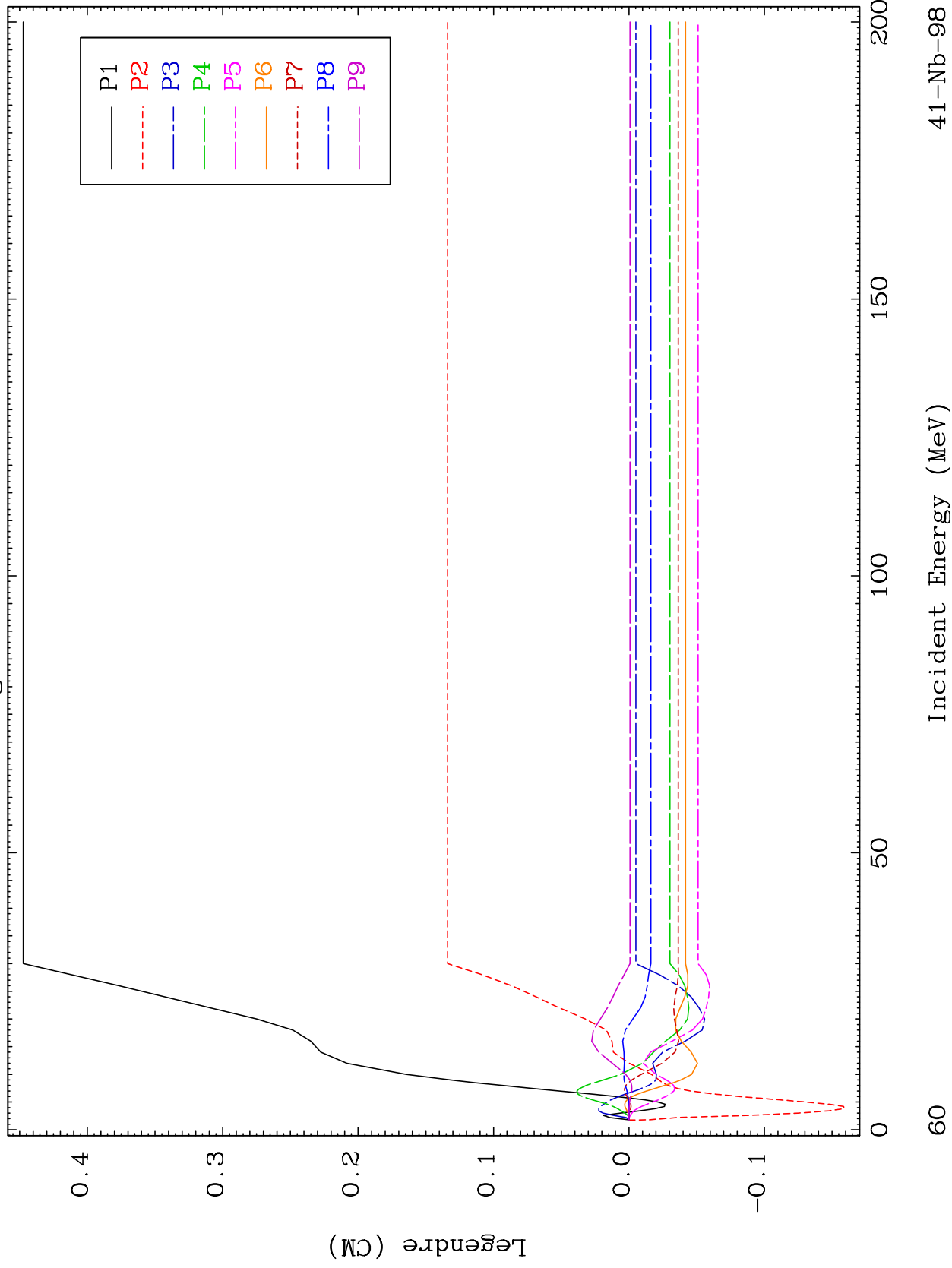
41-Nb-98



MAT 4140

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

41-Nb-98

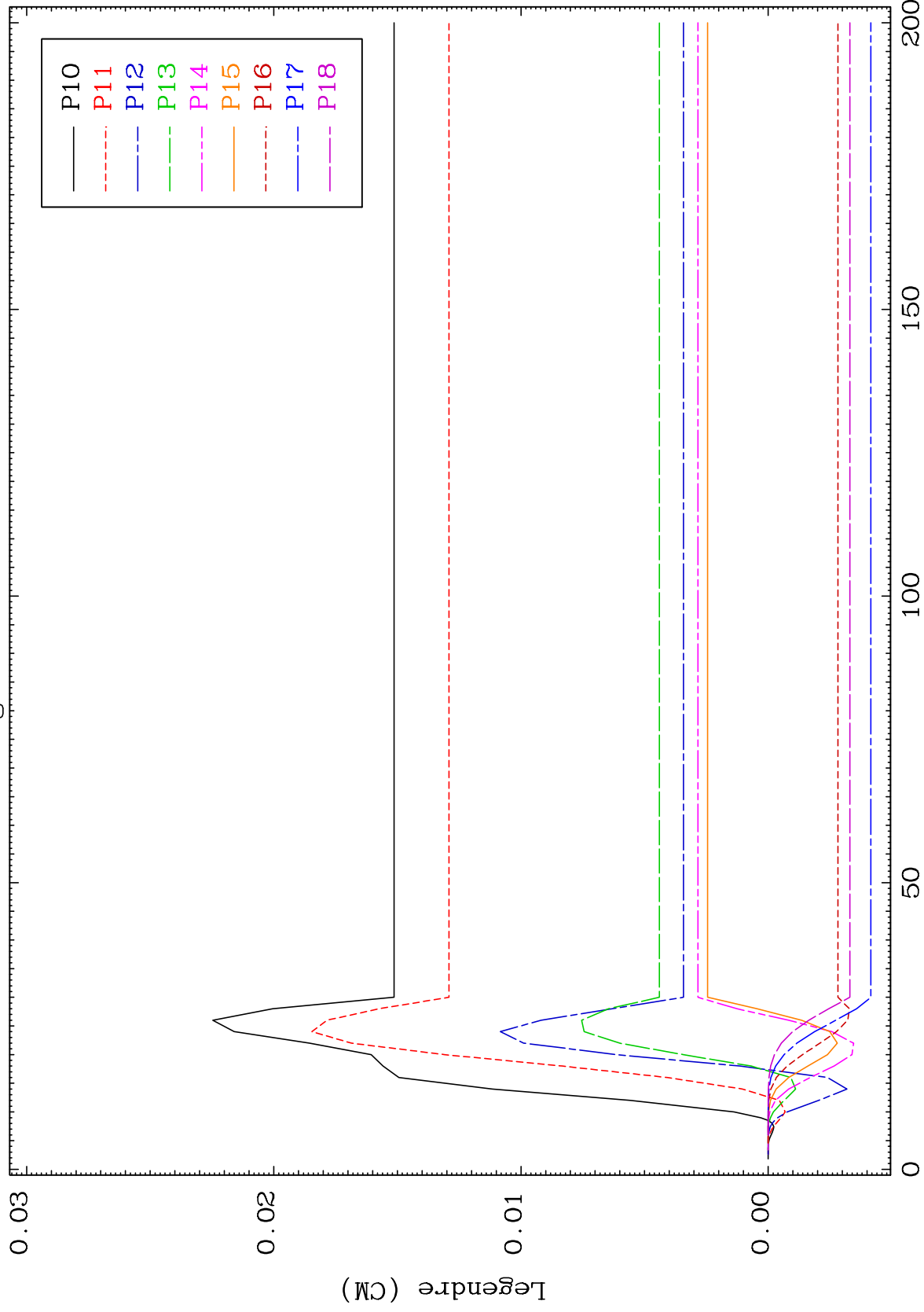


41-Nb-98

MAT 4140

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

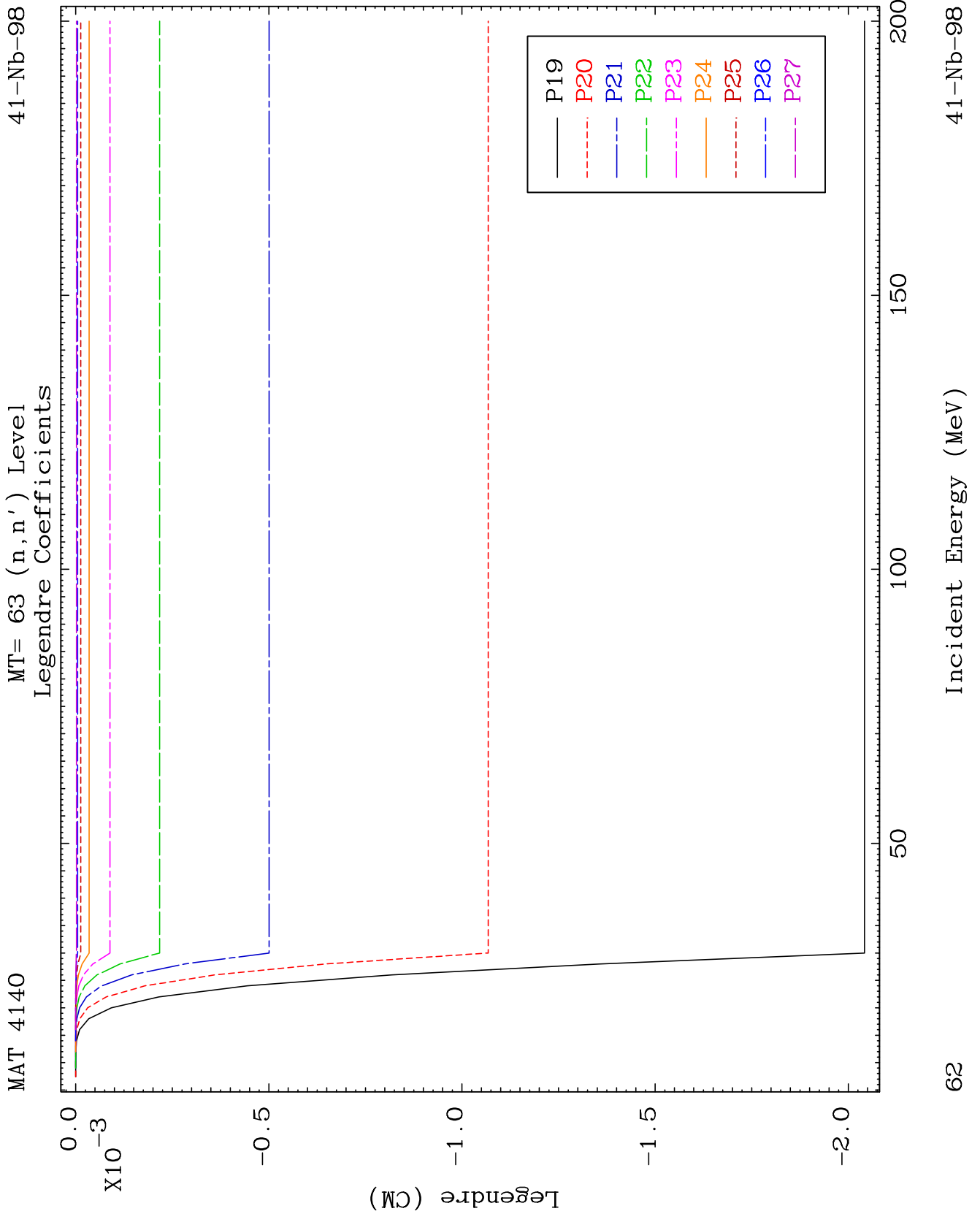
41-Nb-98

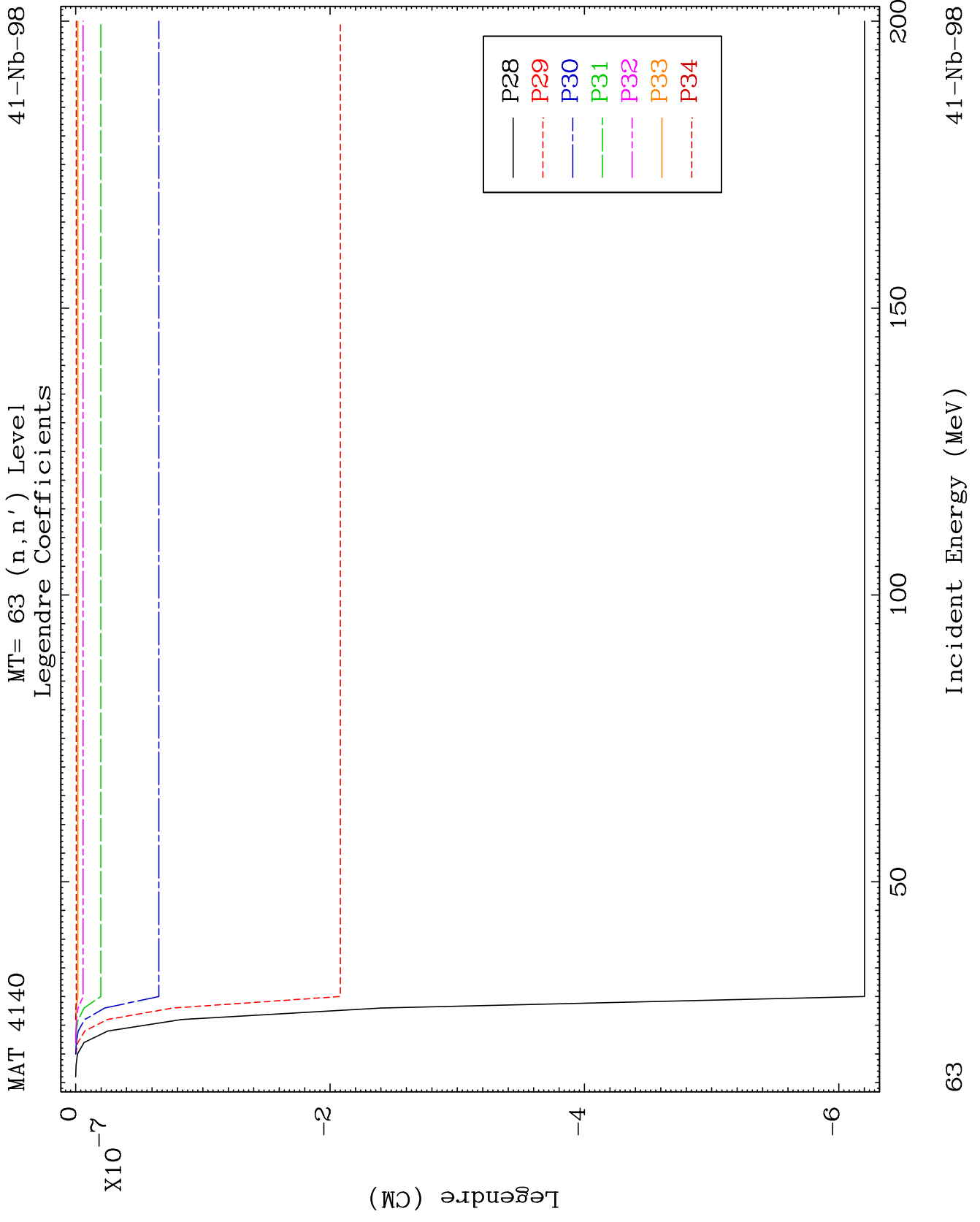


61

Incident Energy (MeV)

41-Nb-98

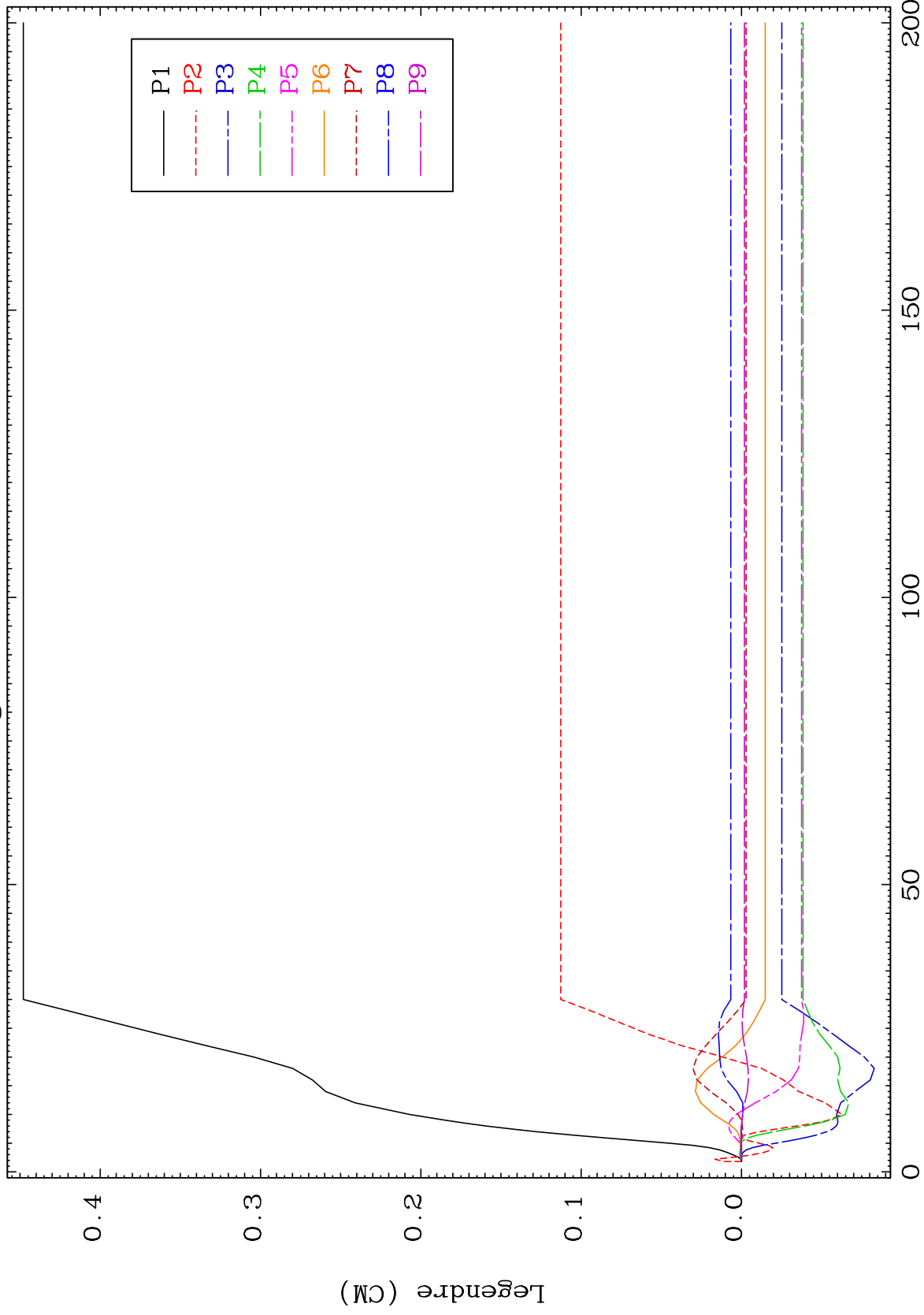




MAT 4140

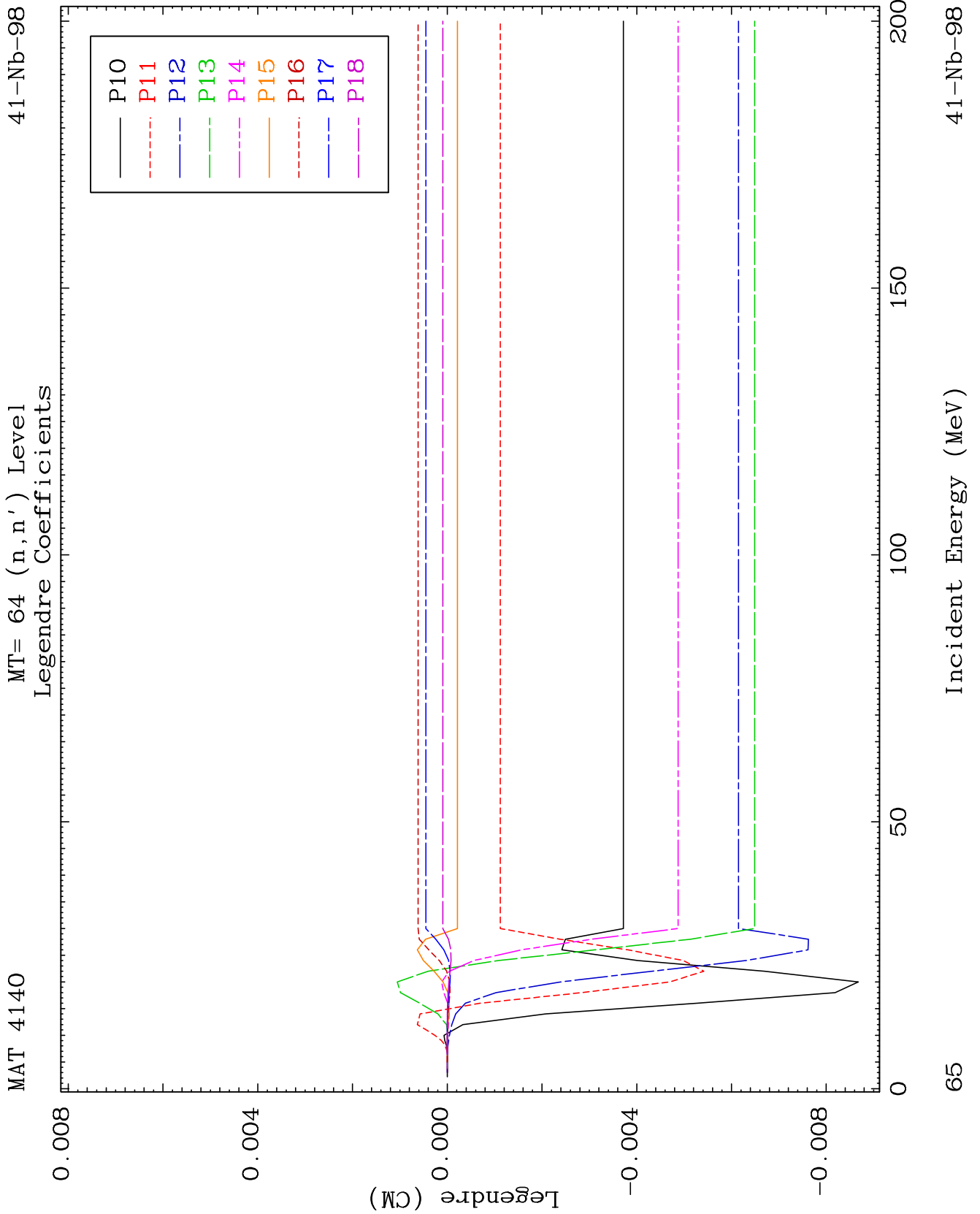
MT= 64 (n,n') Level
Legendre Coefficients

41-Nb-98



64

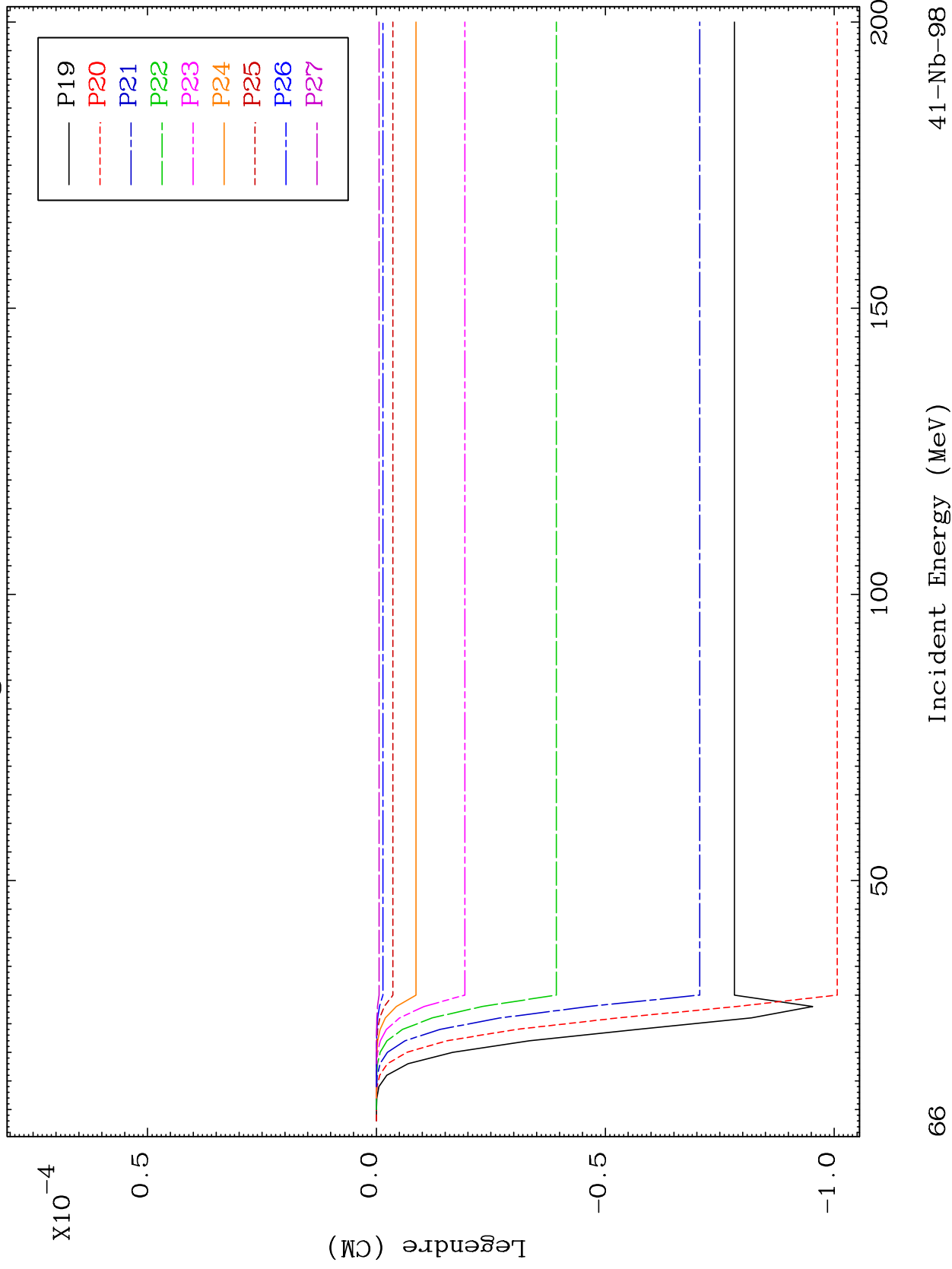
41-Nb-98



MAT 4140

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

41-Nb-98



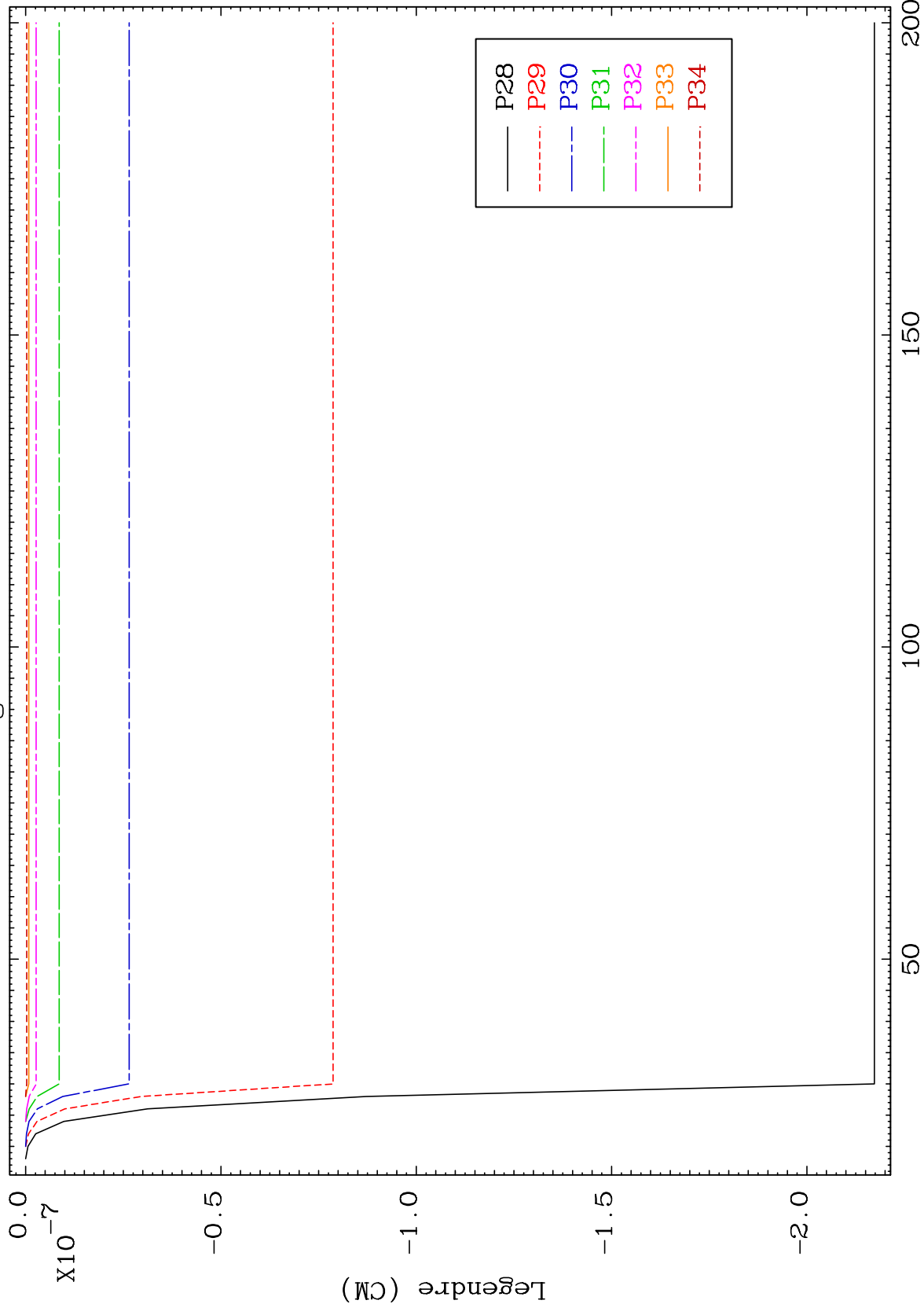
66

41-Nb-98

MAT 4140

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

41-Nb-98



67

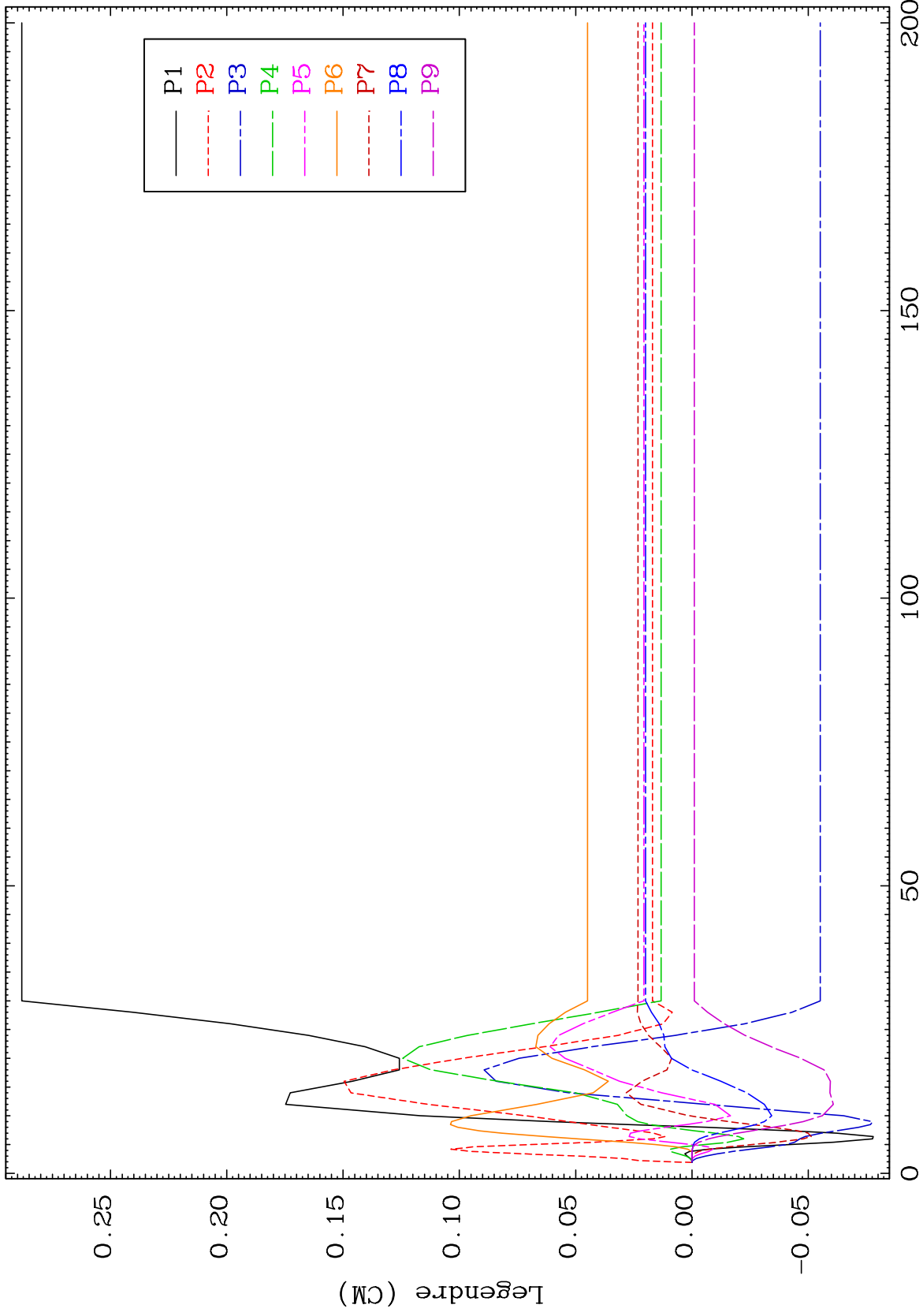
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



68

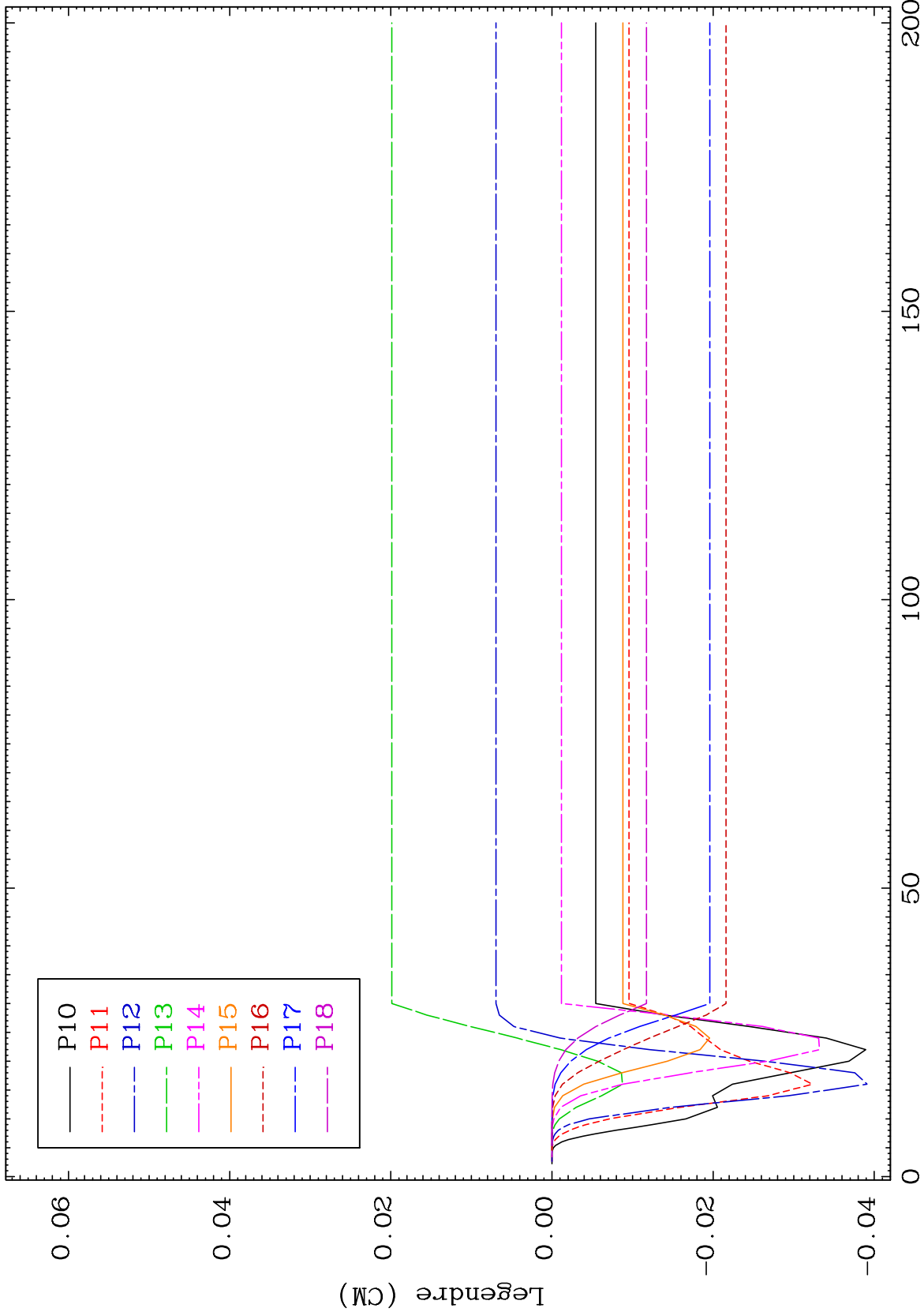
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



69

Incident Energy (MeV)

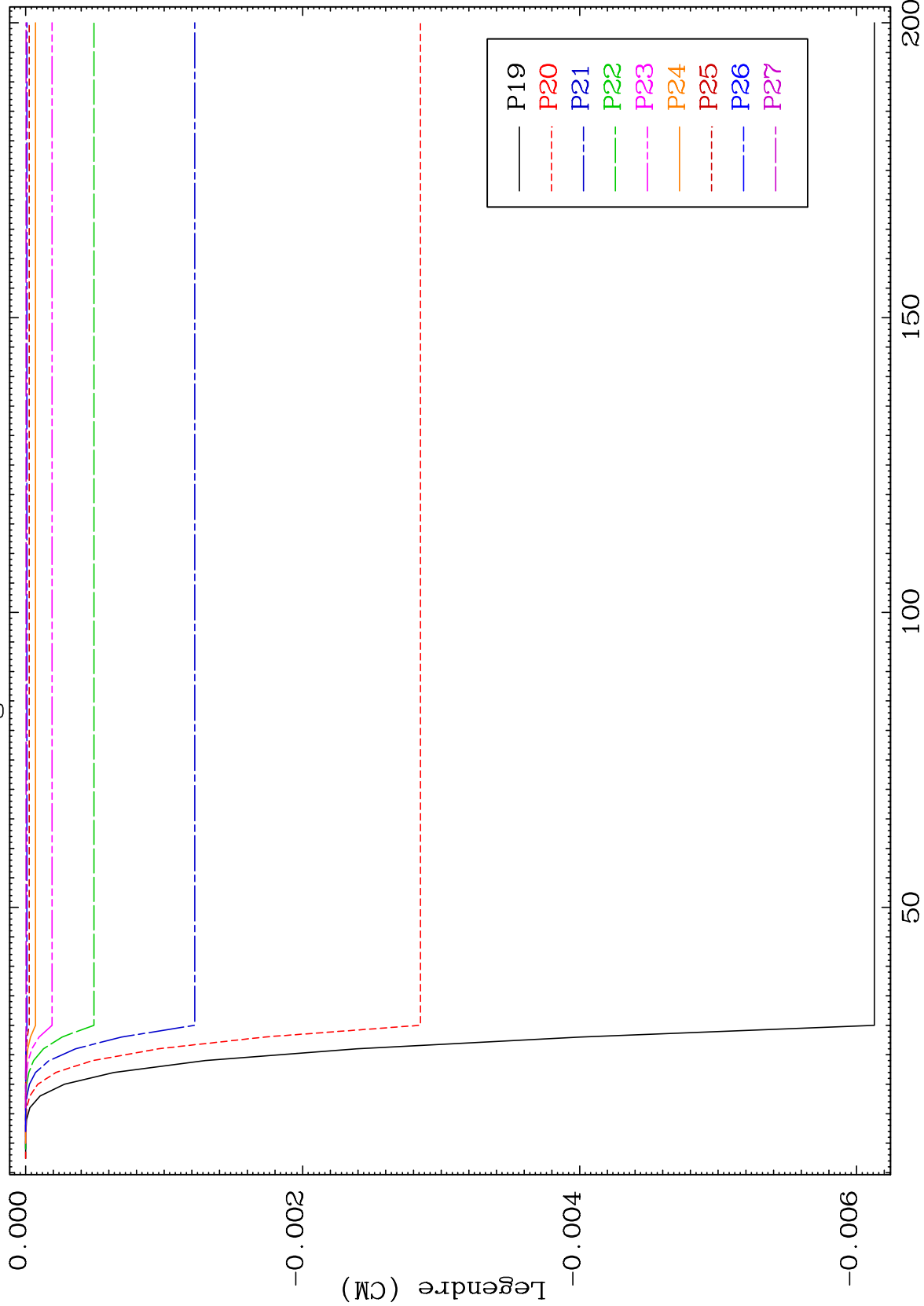
41-Nb-98

MAT 4140

MT= 65 (n,n') Level

41-Nb-98

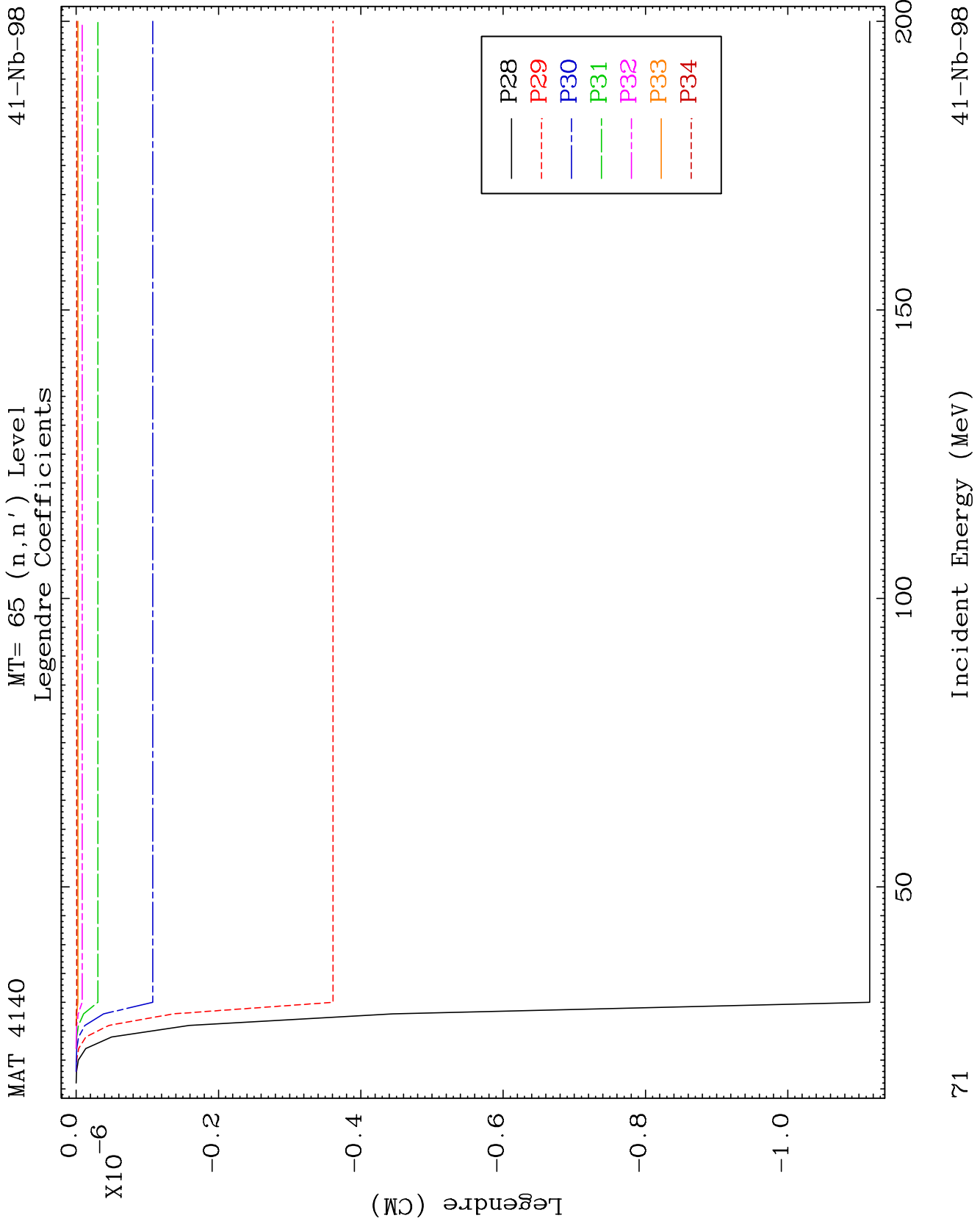
Legendre Coefficients

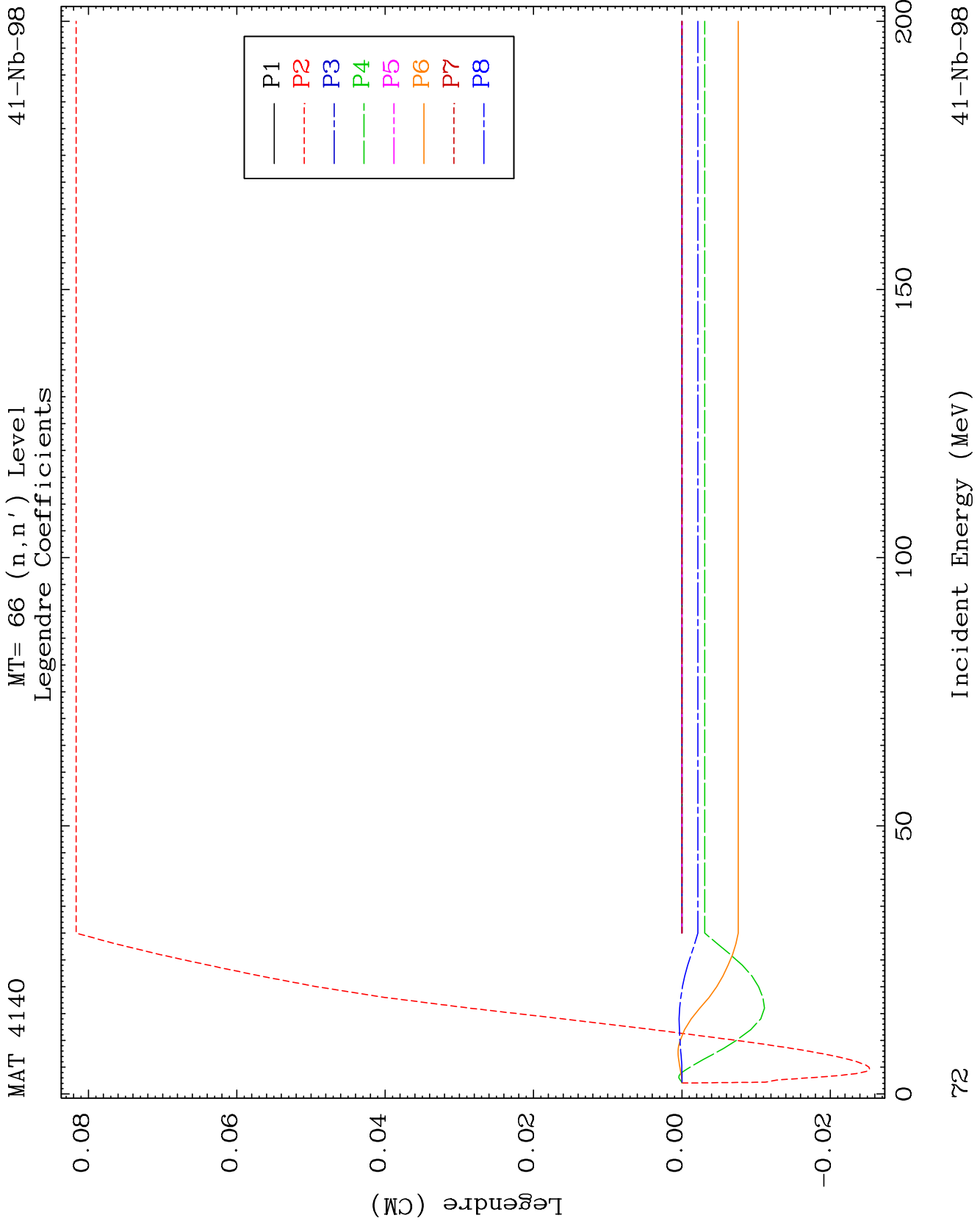


41-Nb-98

Incident Energy (MeV)

70

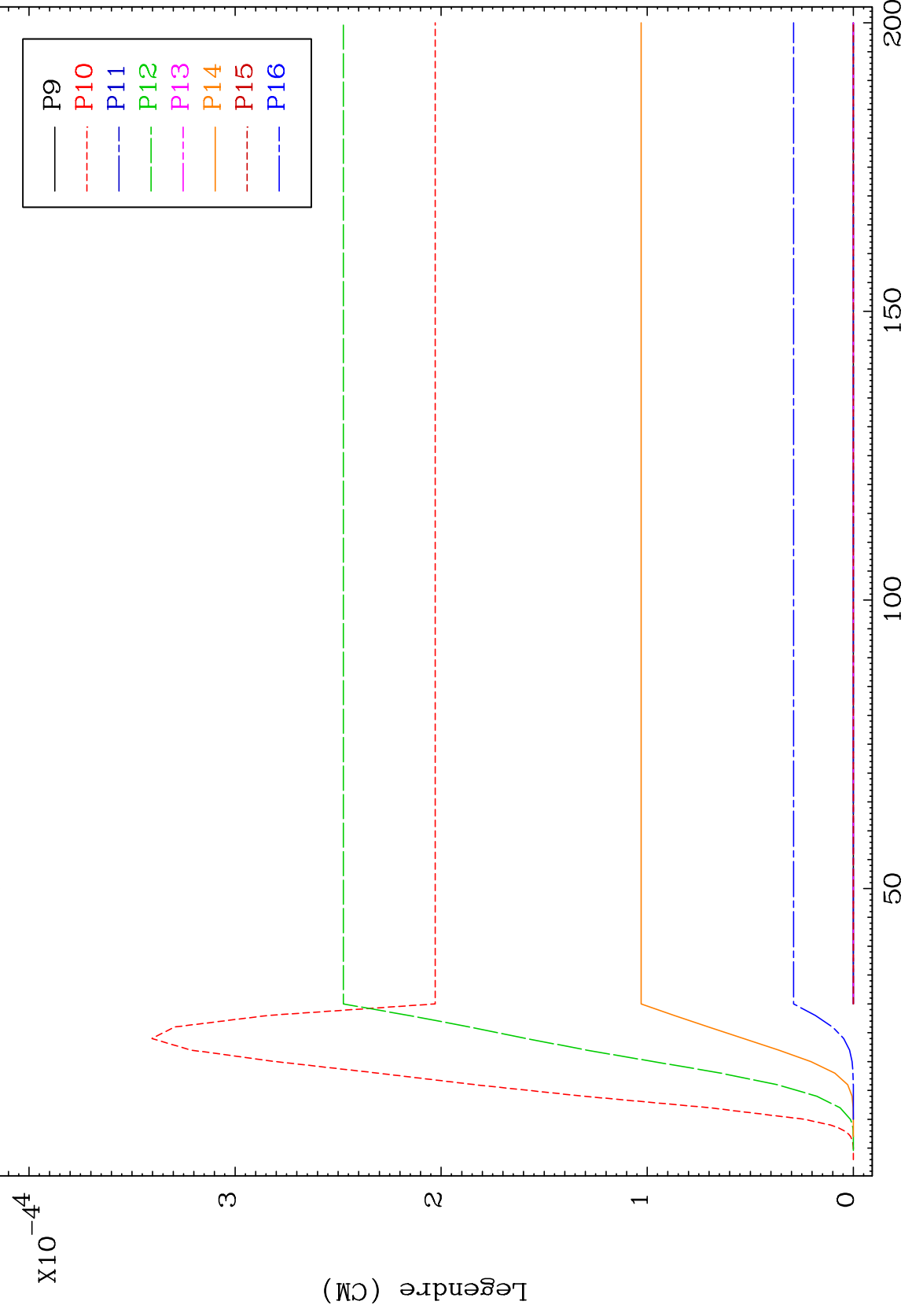




MAT 4140

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

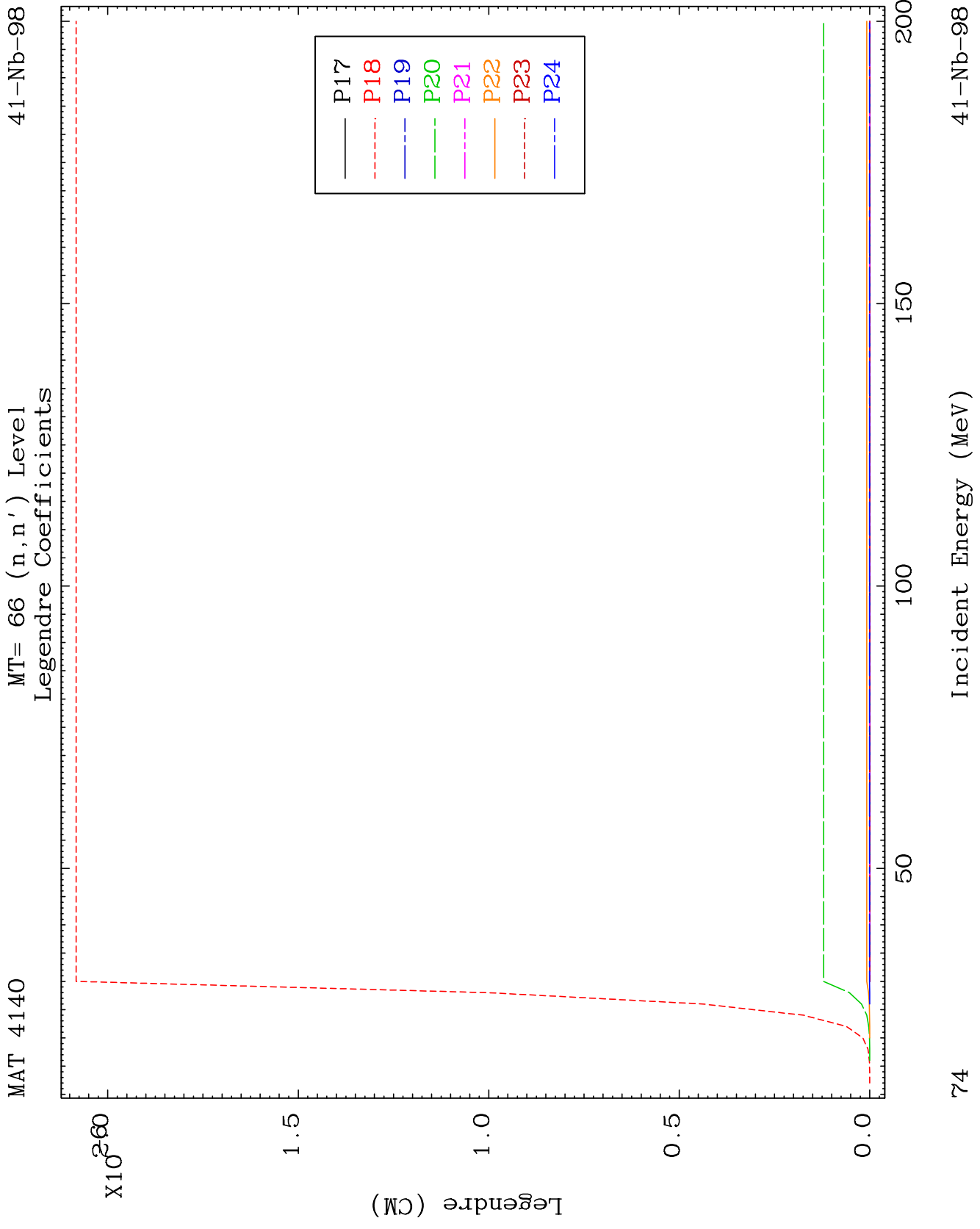
41-Nb-98

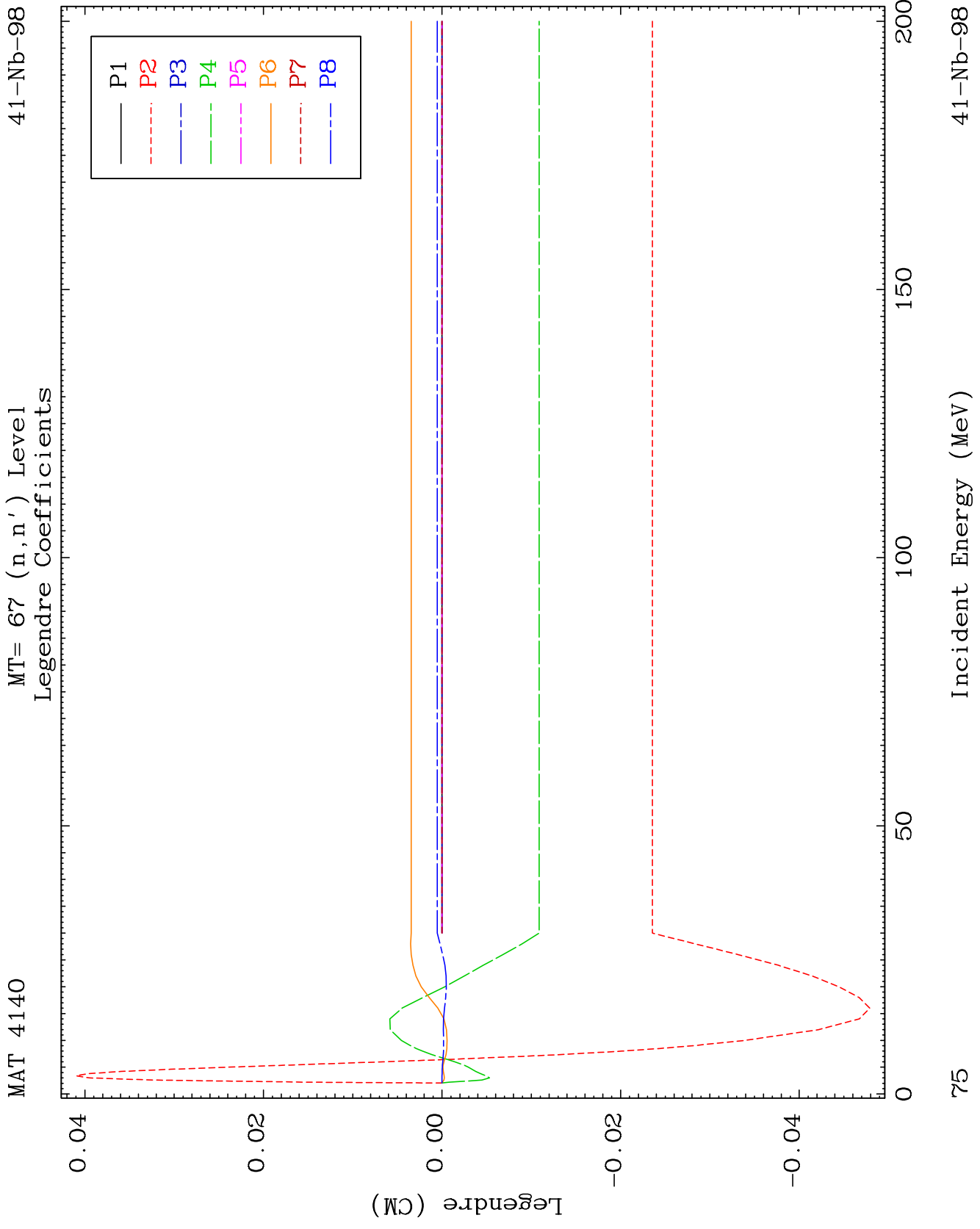


73

Incident Energy (MeV)

41-Nb-98

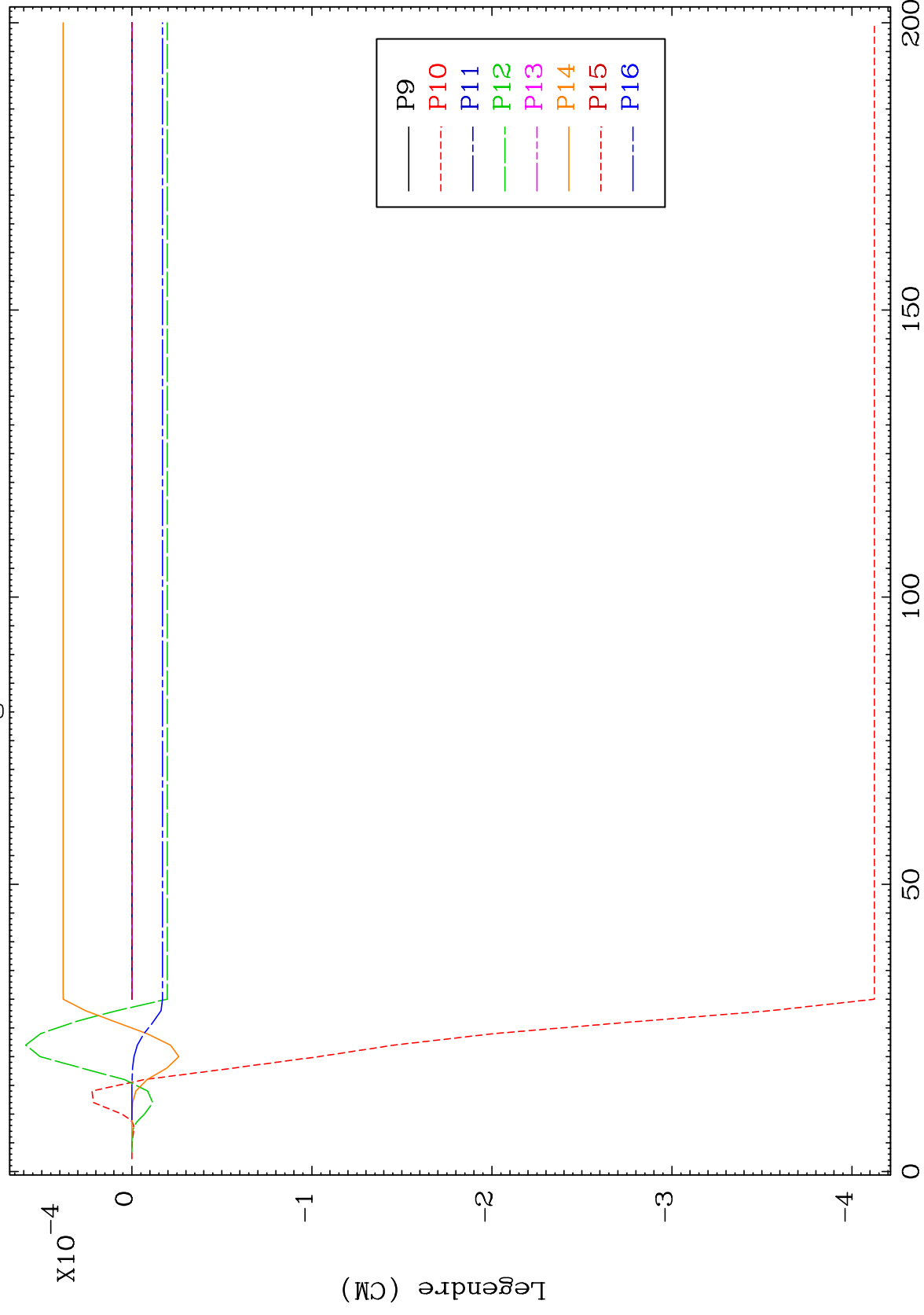




MAT 4140

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

41-Nb-98



76

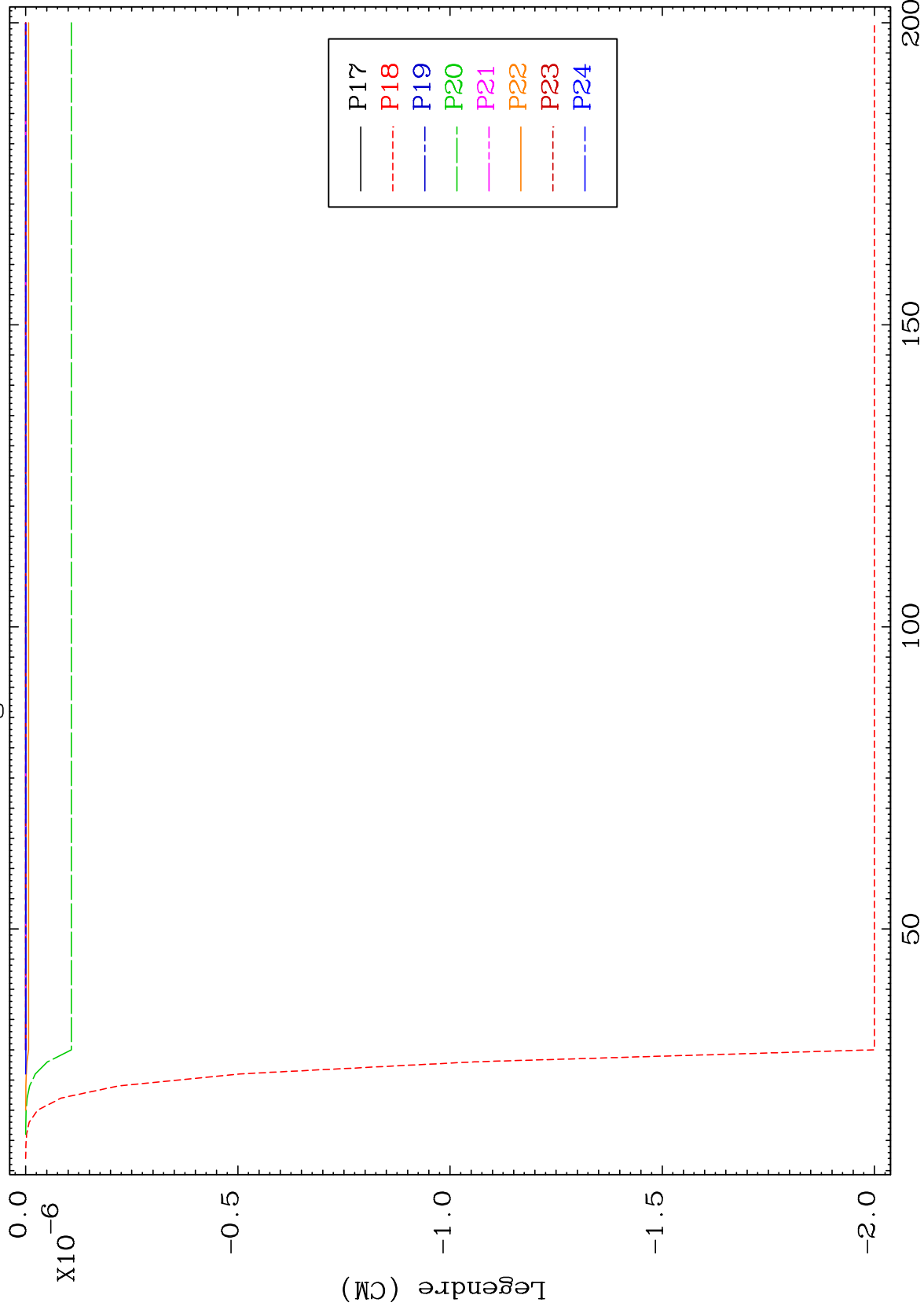
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

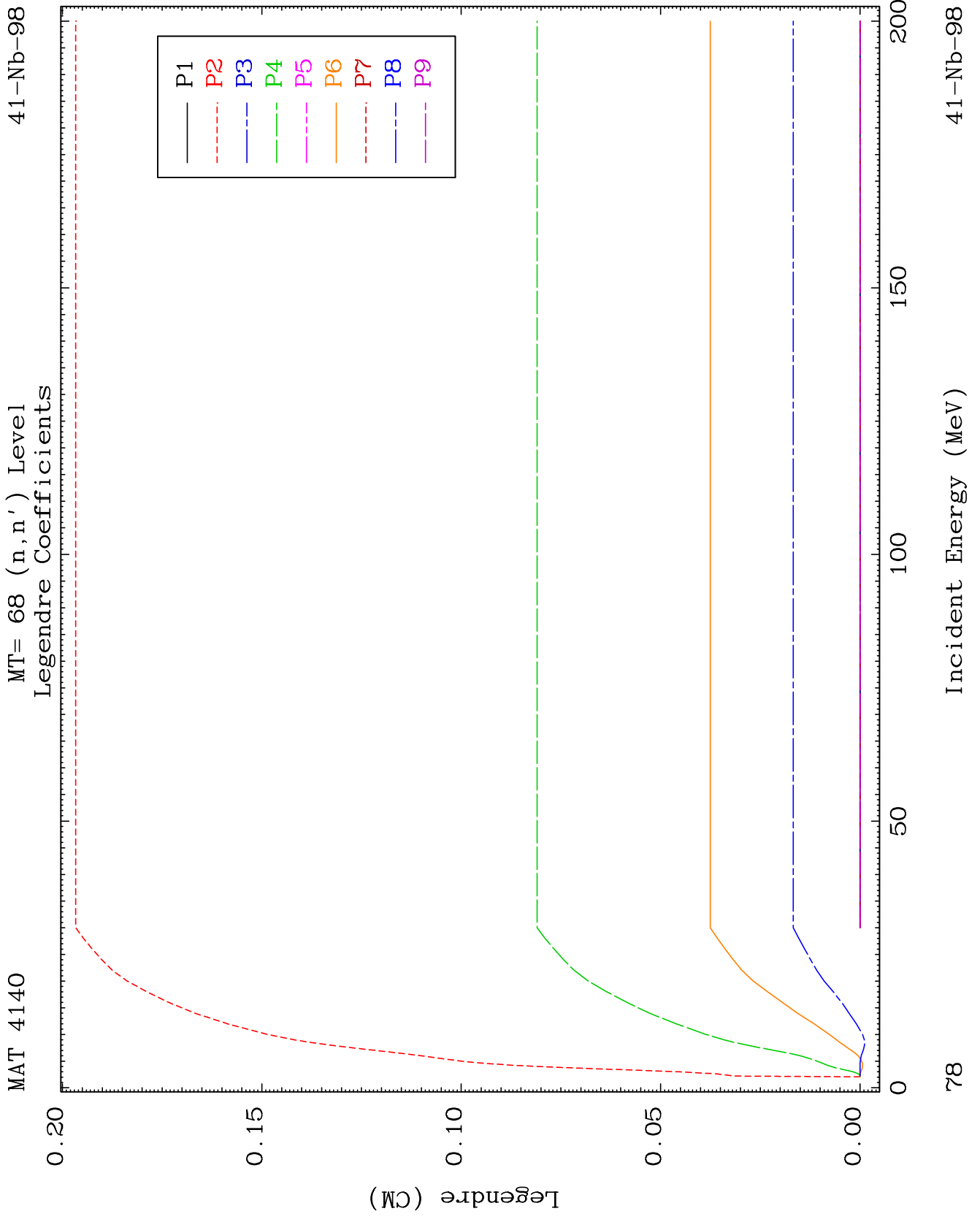
41-Nb-98



41-Nb-98

Incident Energy (MeV)

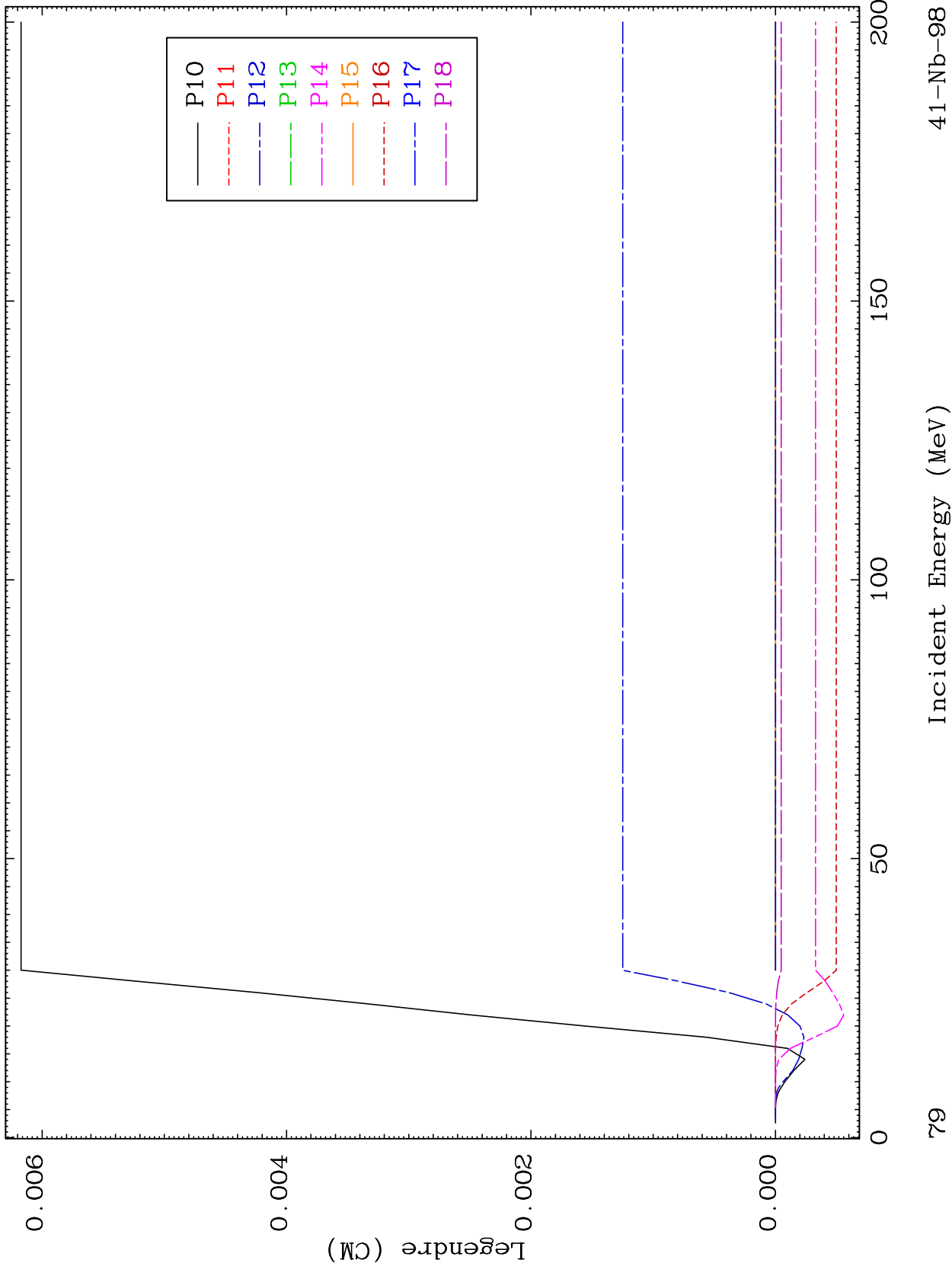
77



MAT 4140

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

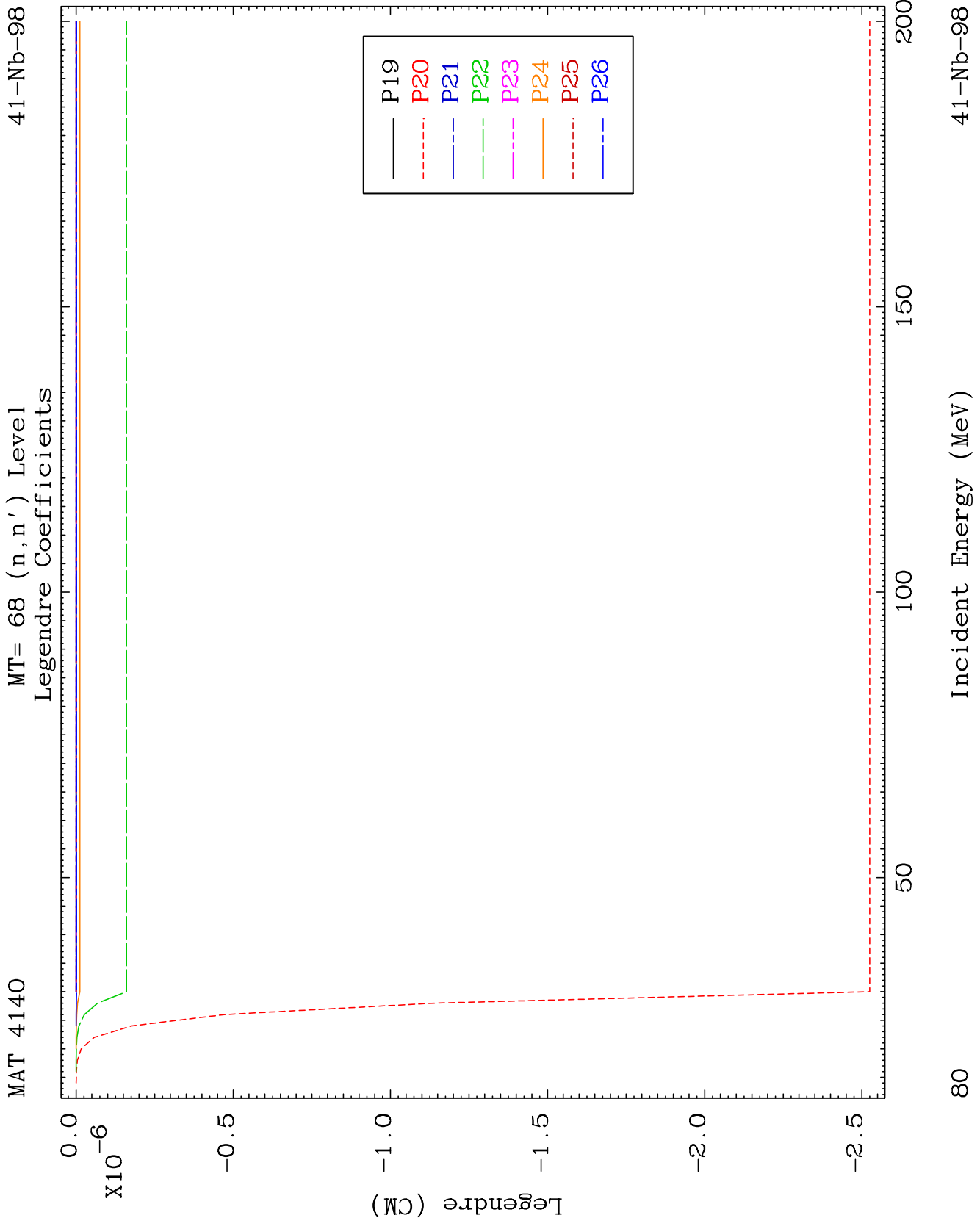
41-Nb-98



79

Incident Energy (MeV)

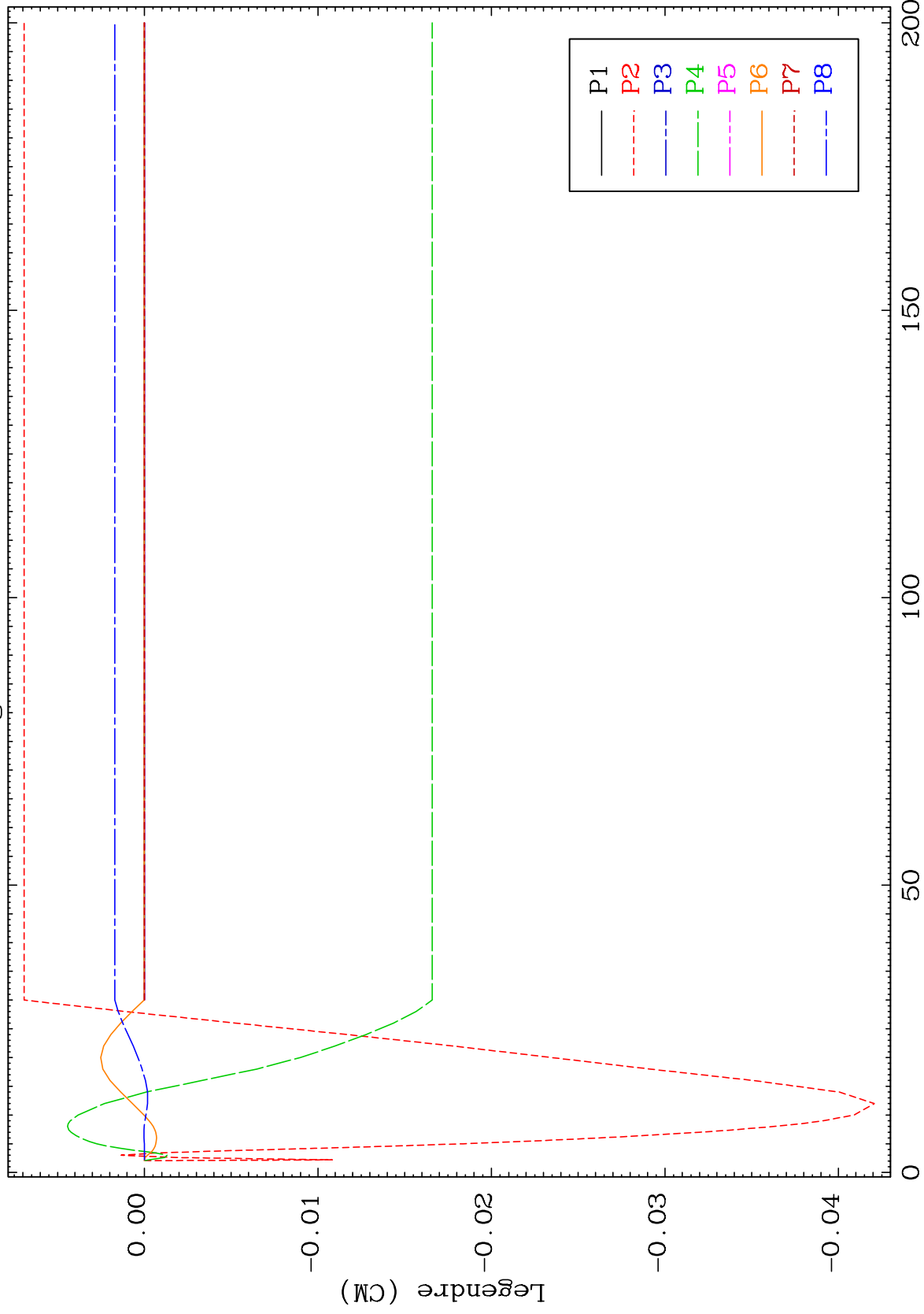
41-Nb-98



MAT 4140

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

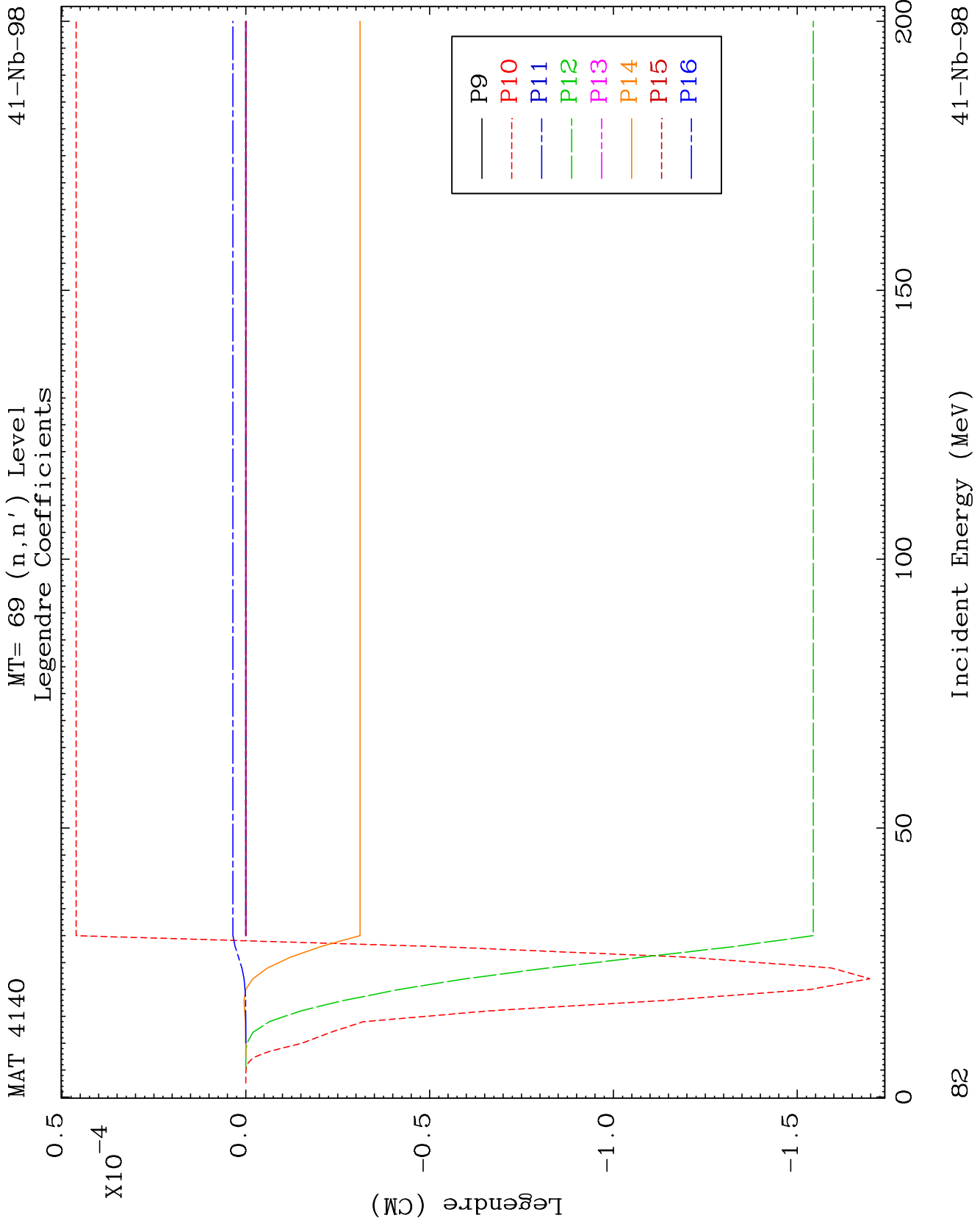
41-Nb-98



81

Incident Energy (MeV)

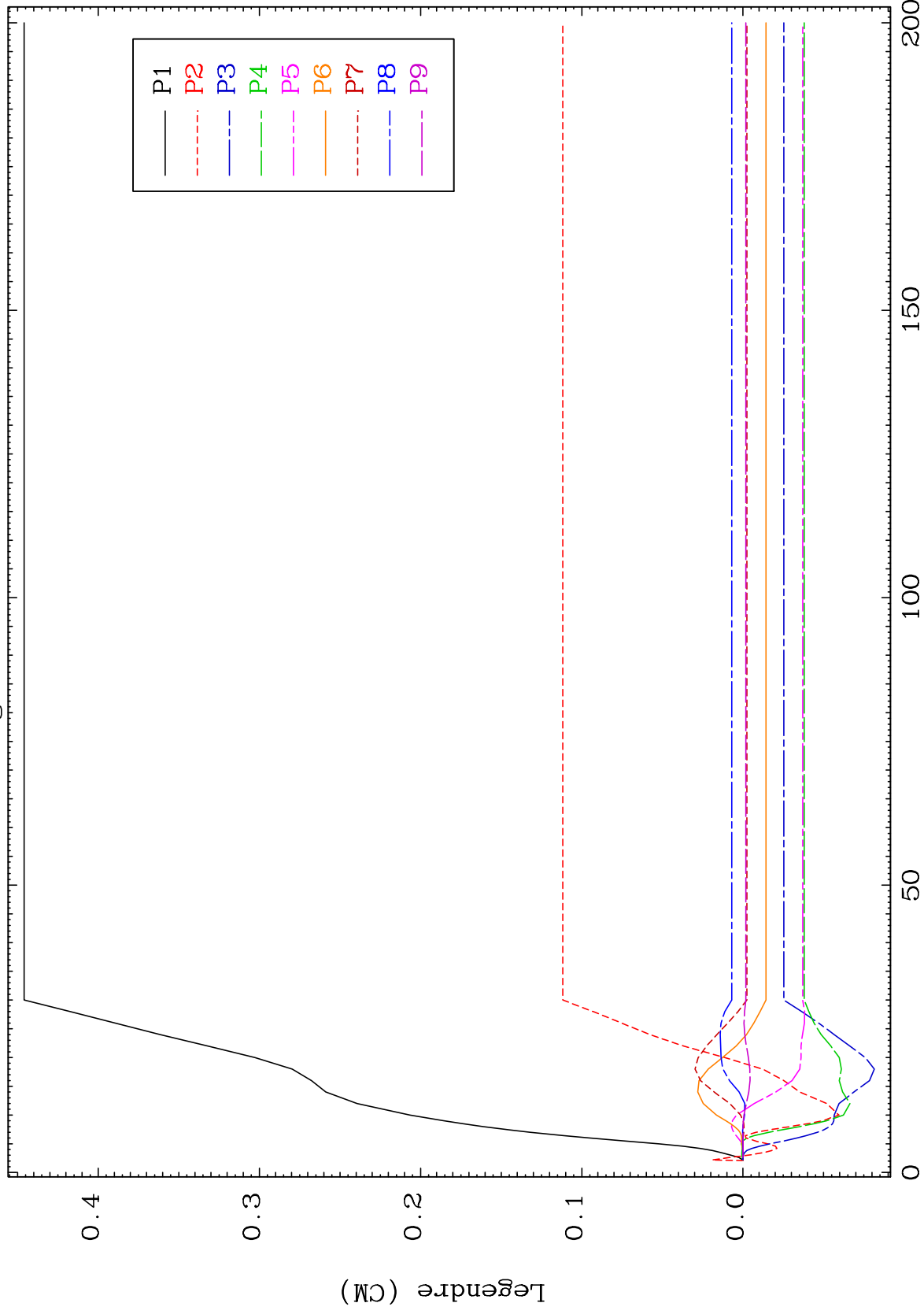
41-Nb-98



MAT 4140

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

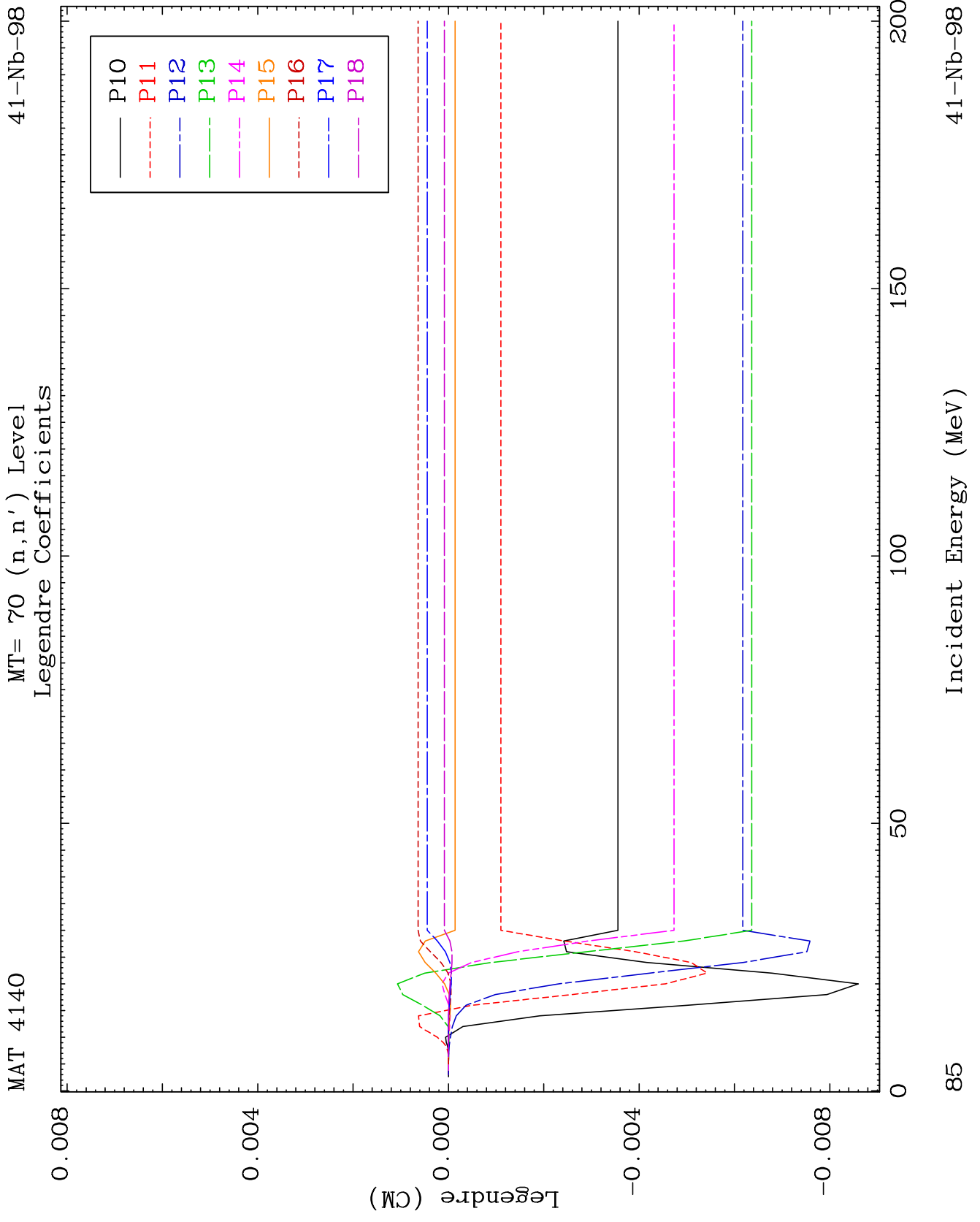
41-Nb-98



84

Incident Energy (MeV)

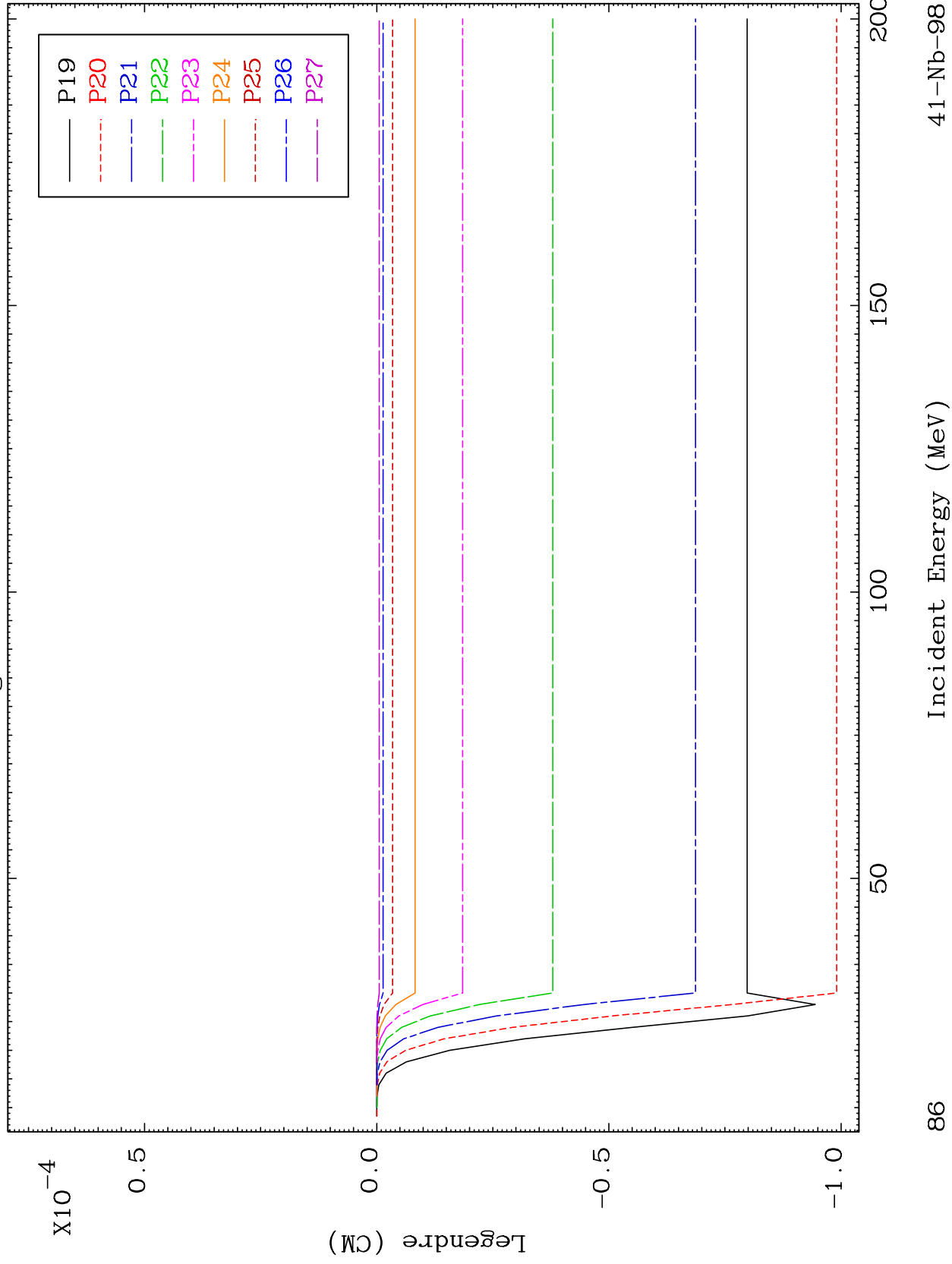
41-Nb-98

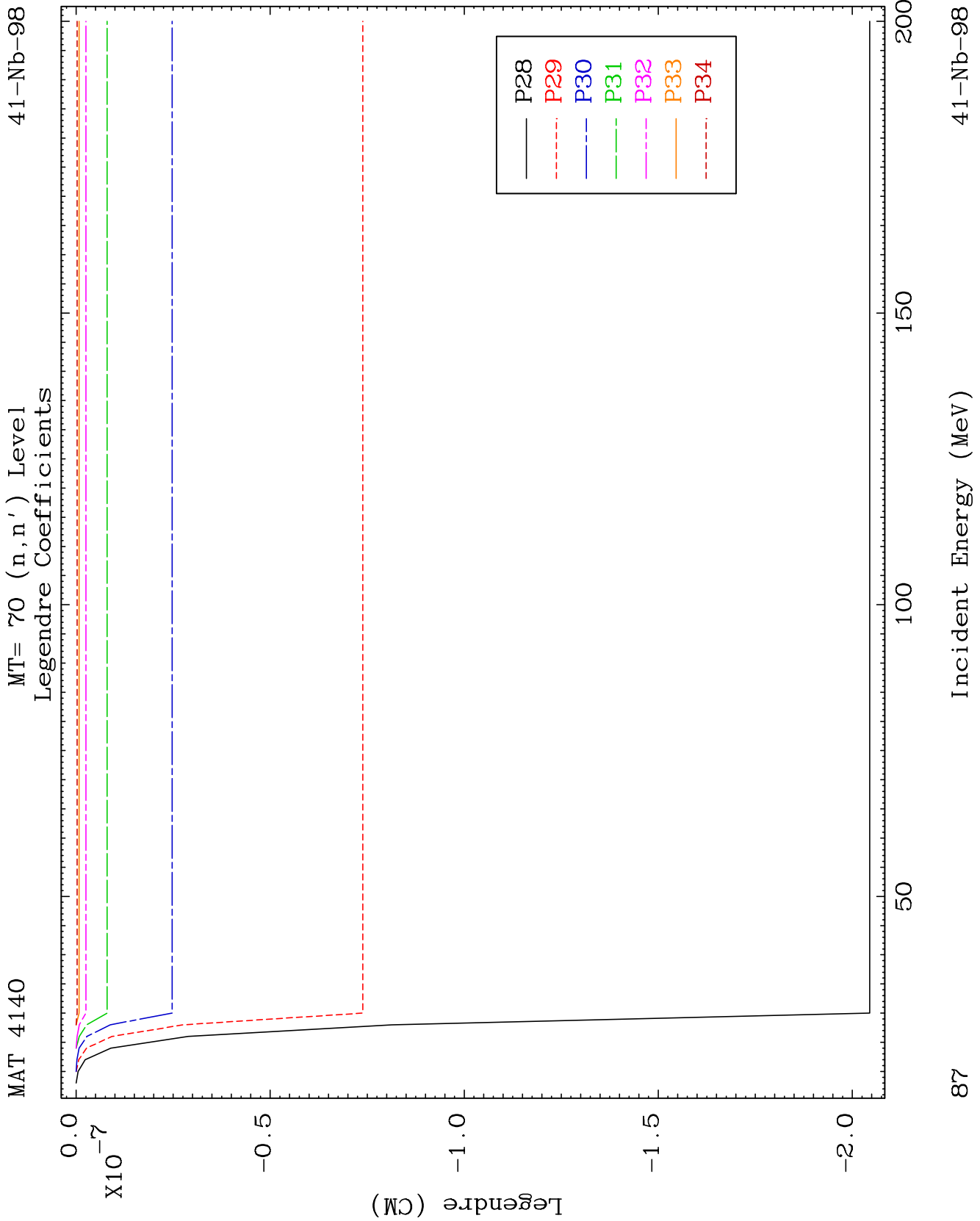


MAT 4140

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

41-Nb-98

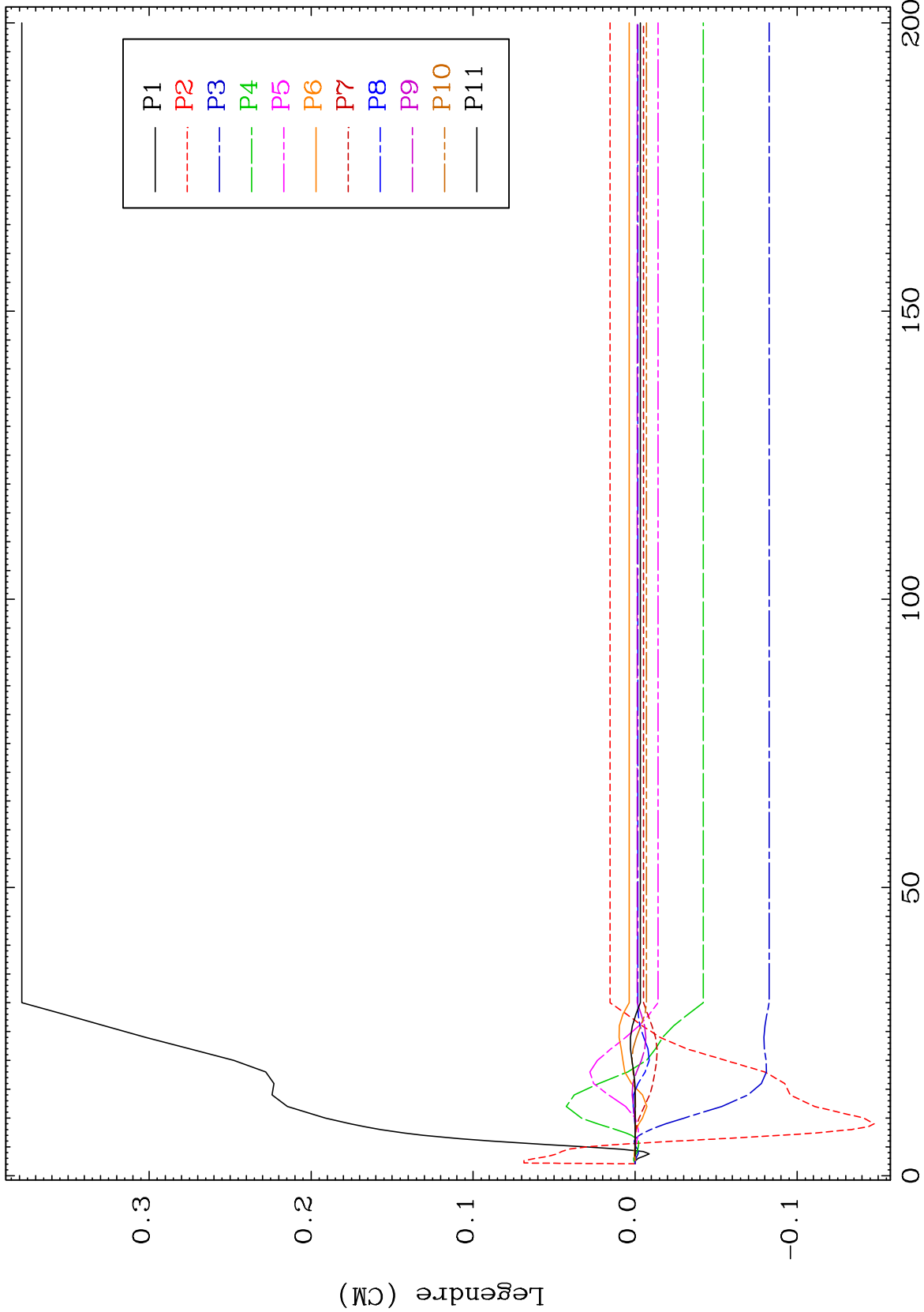




MAT 4140

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

41-Nb-98



88

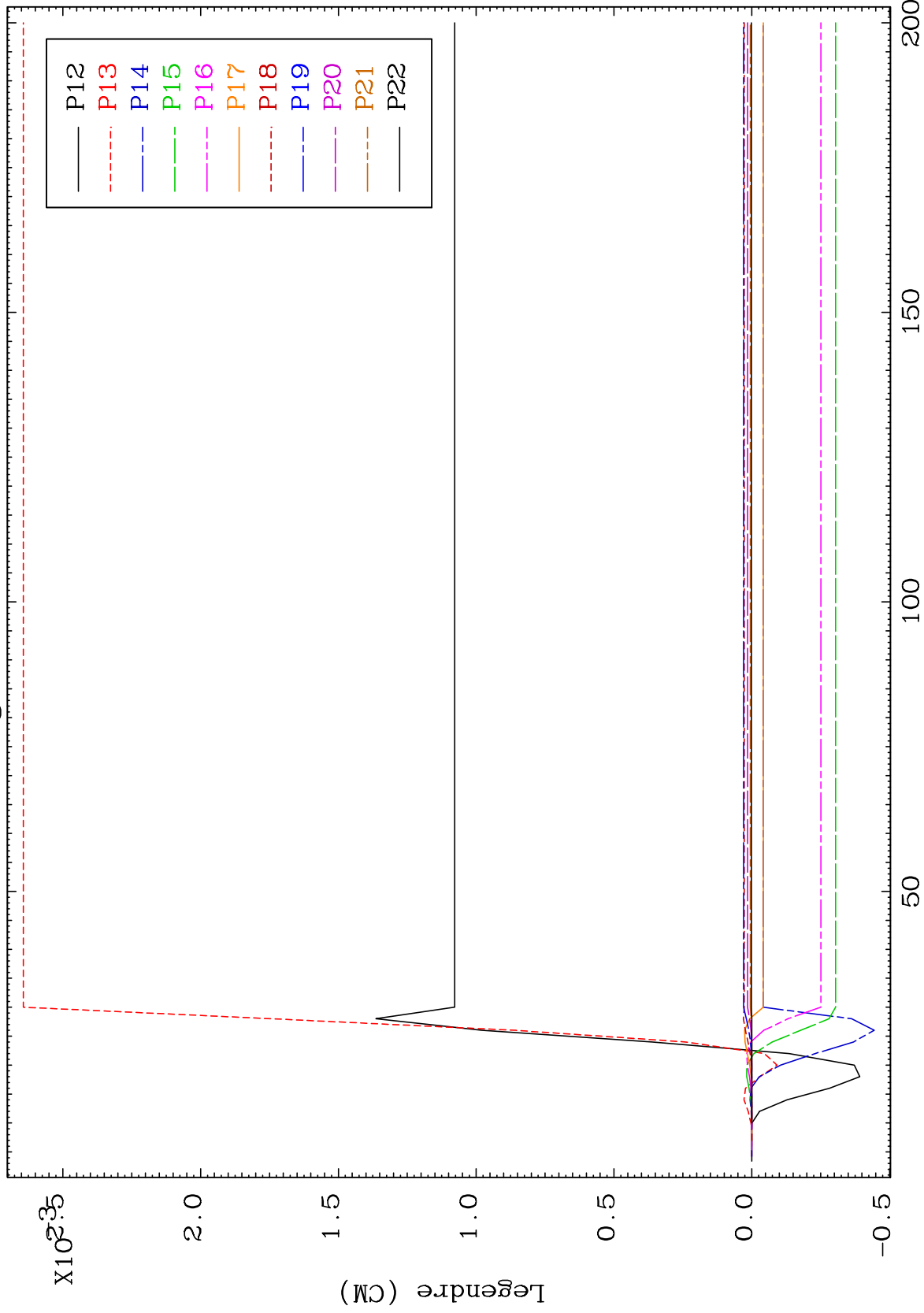
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



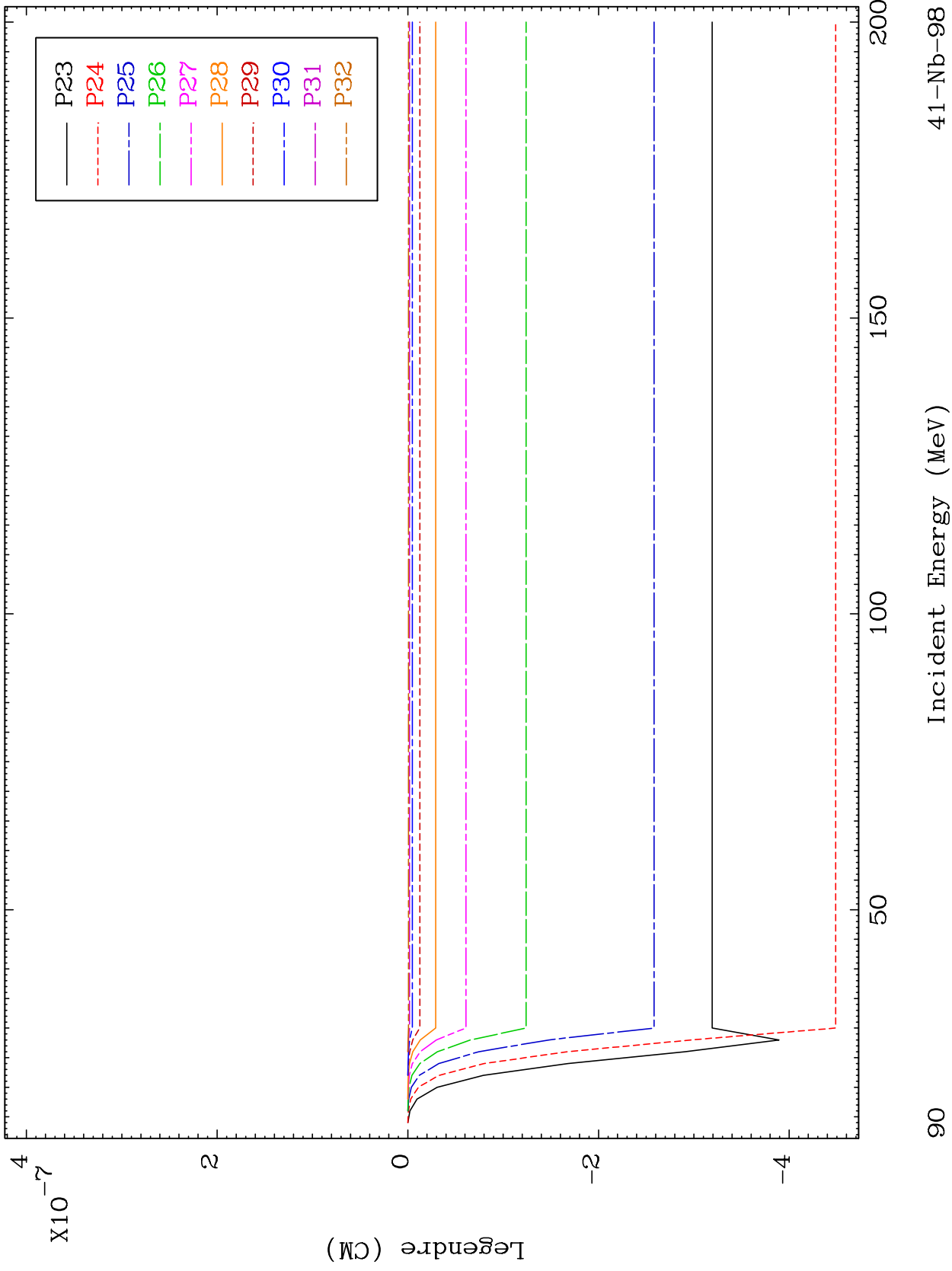
89

41-Nb-98

MAT 4140

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

41-Nb-98



90

50

100

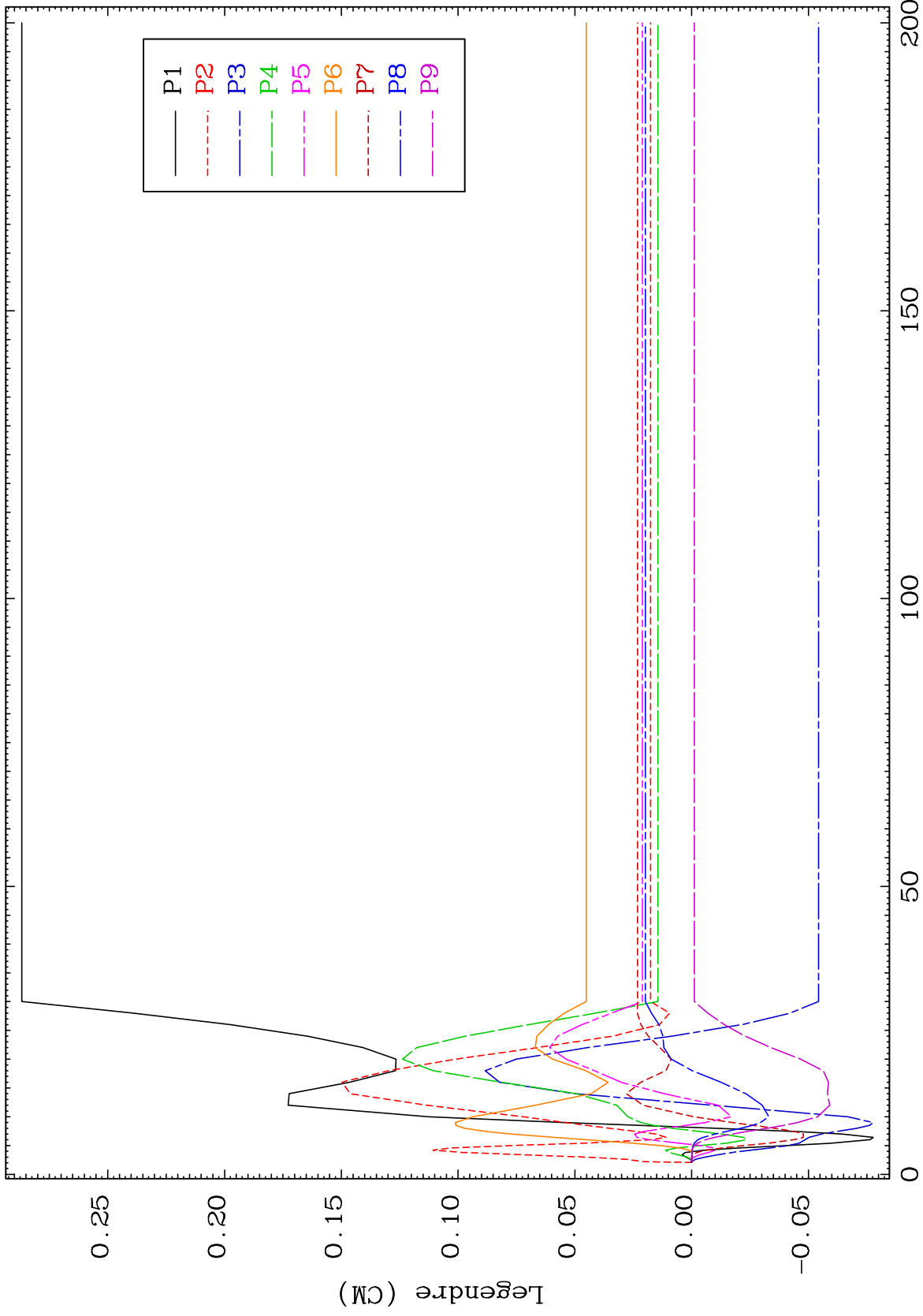
150

200

MAT 4140

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

41-Nb-98



91

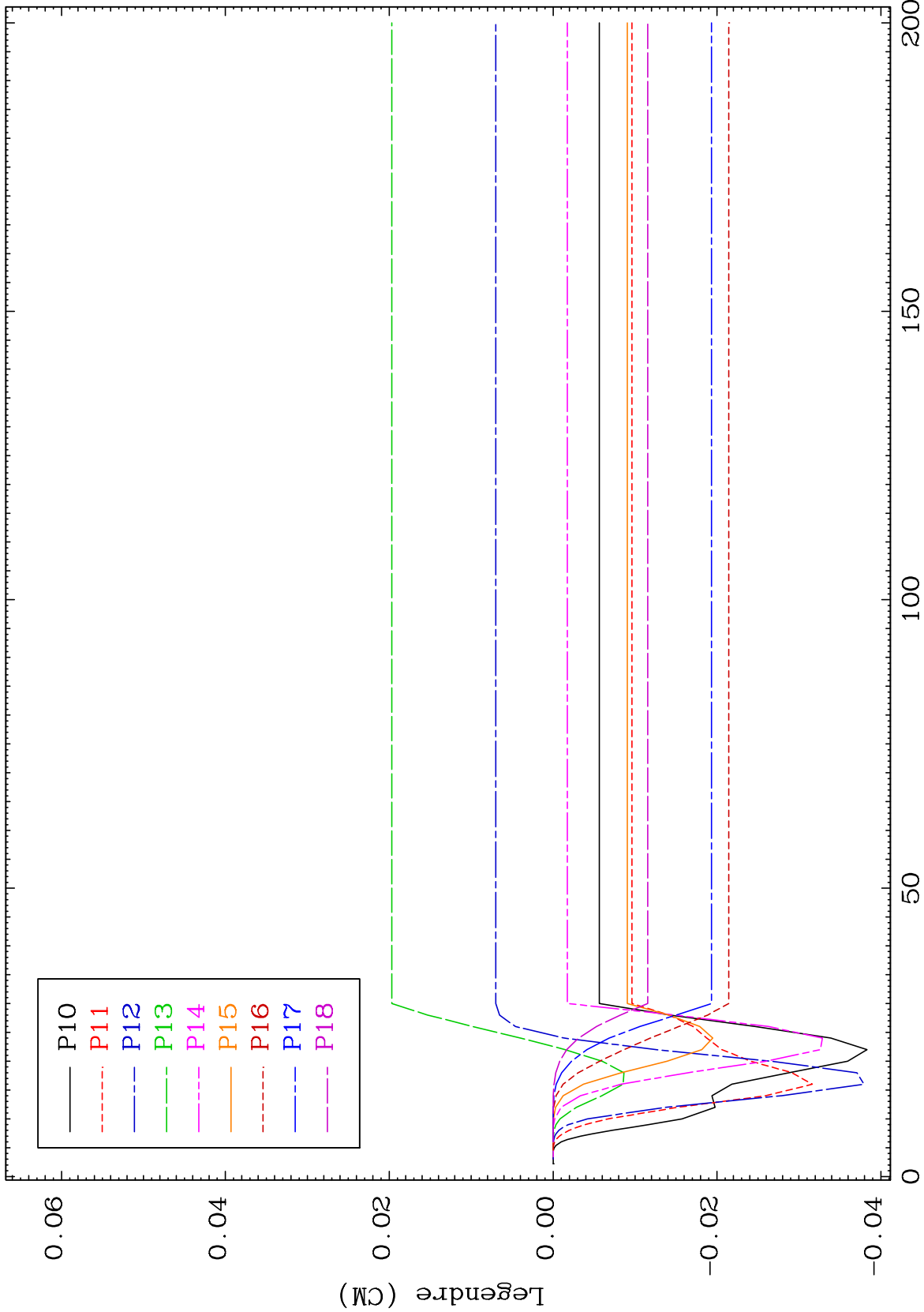
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

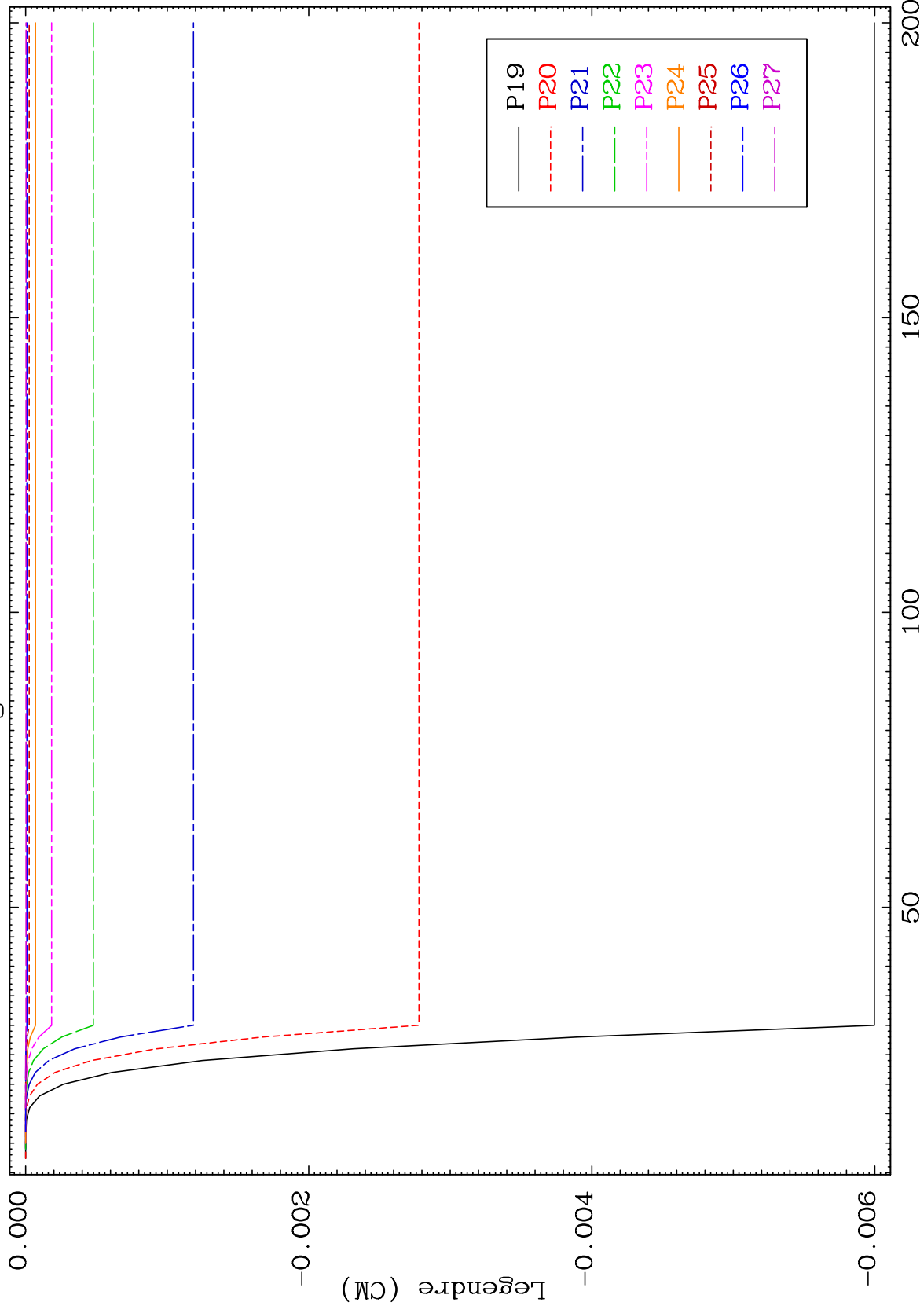
41-Nb-98



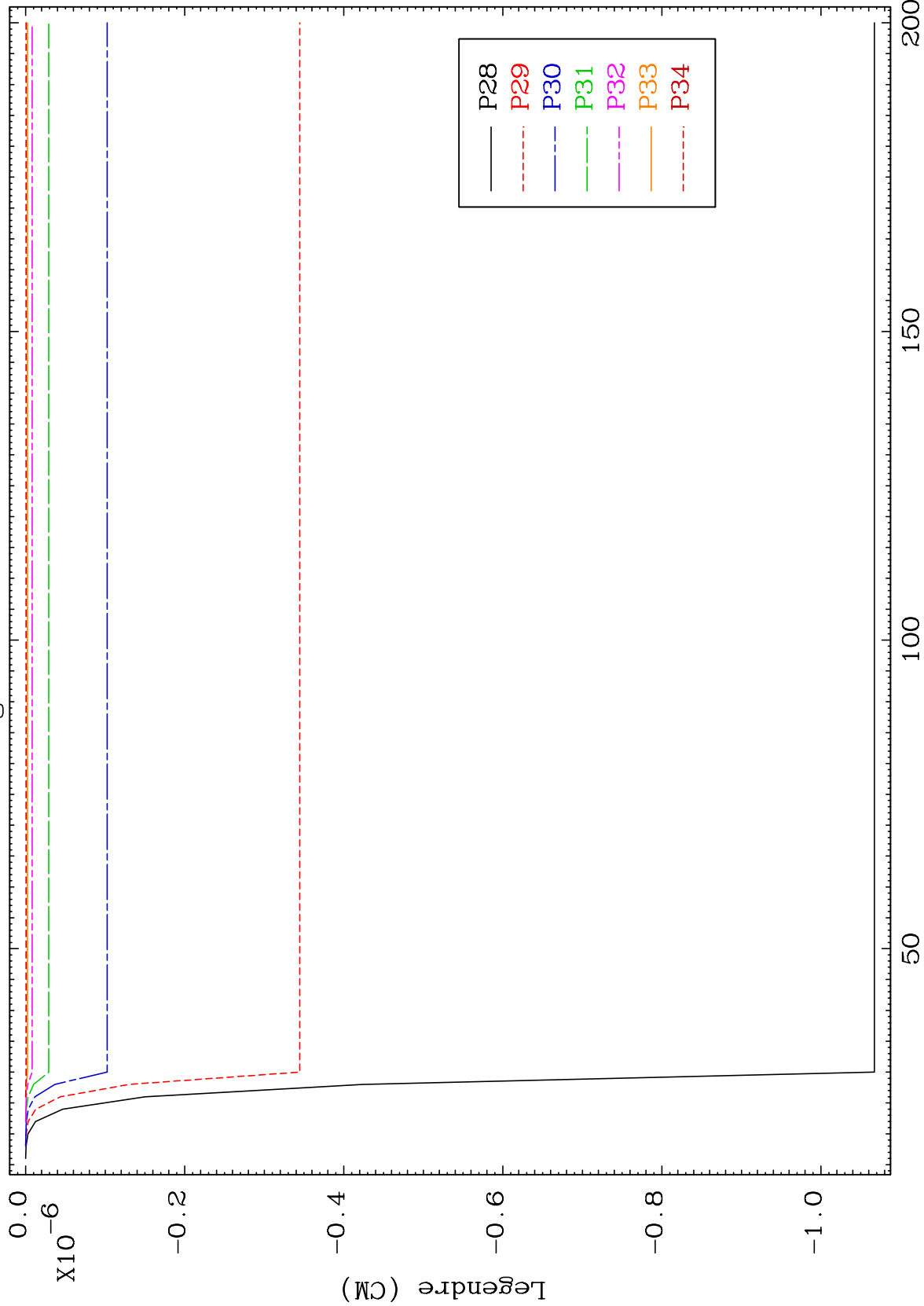
92

Incident Energy (MeV)

41-Nb-98



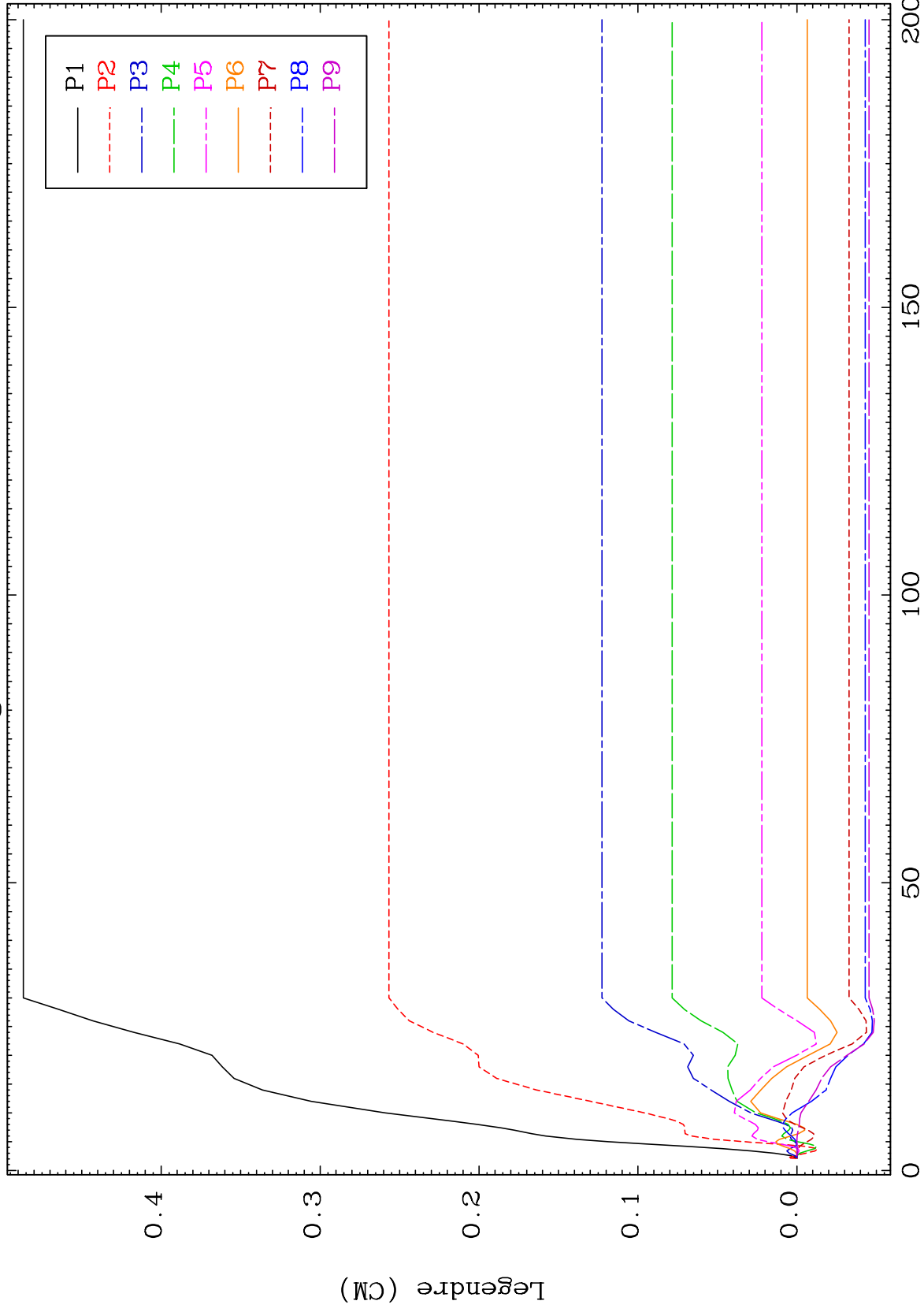
Legendre Coefficients



MAT 4140

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

41-Nb-98



41-Nb-98

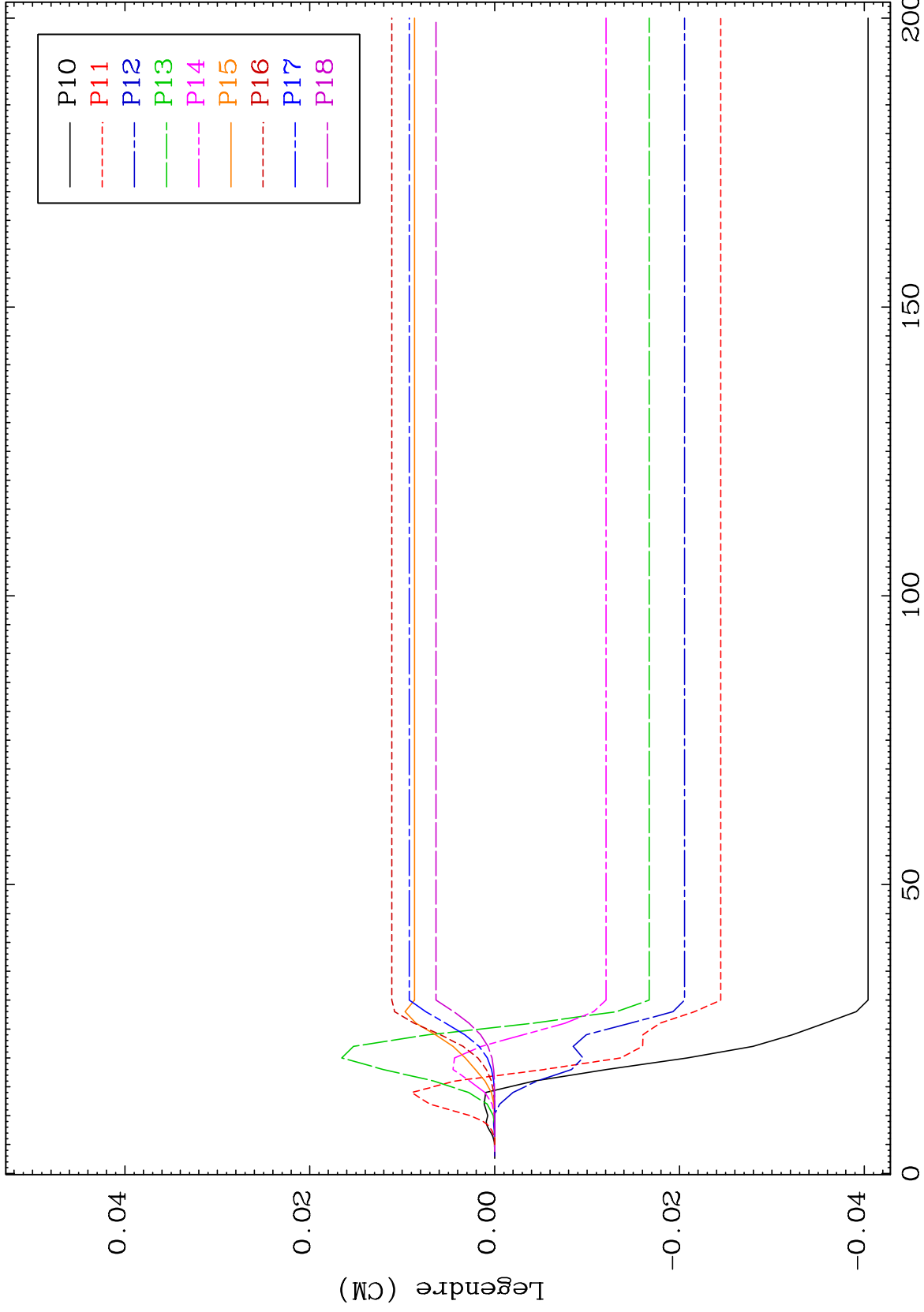
Incident Energy (MeV)

95

MAT 4140

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

41-Nb-98



96

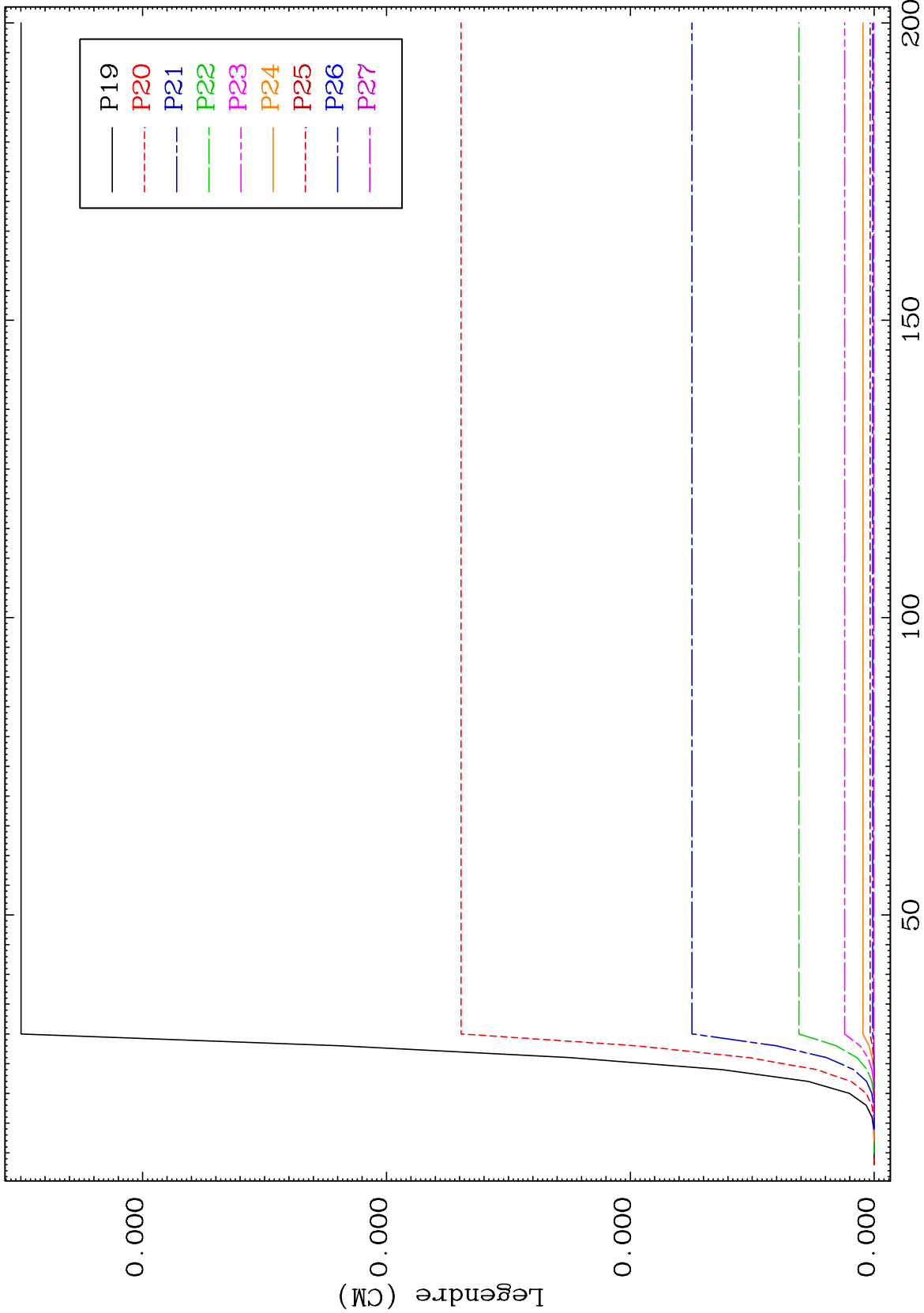
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



97

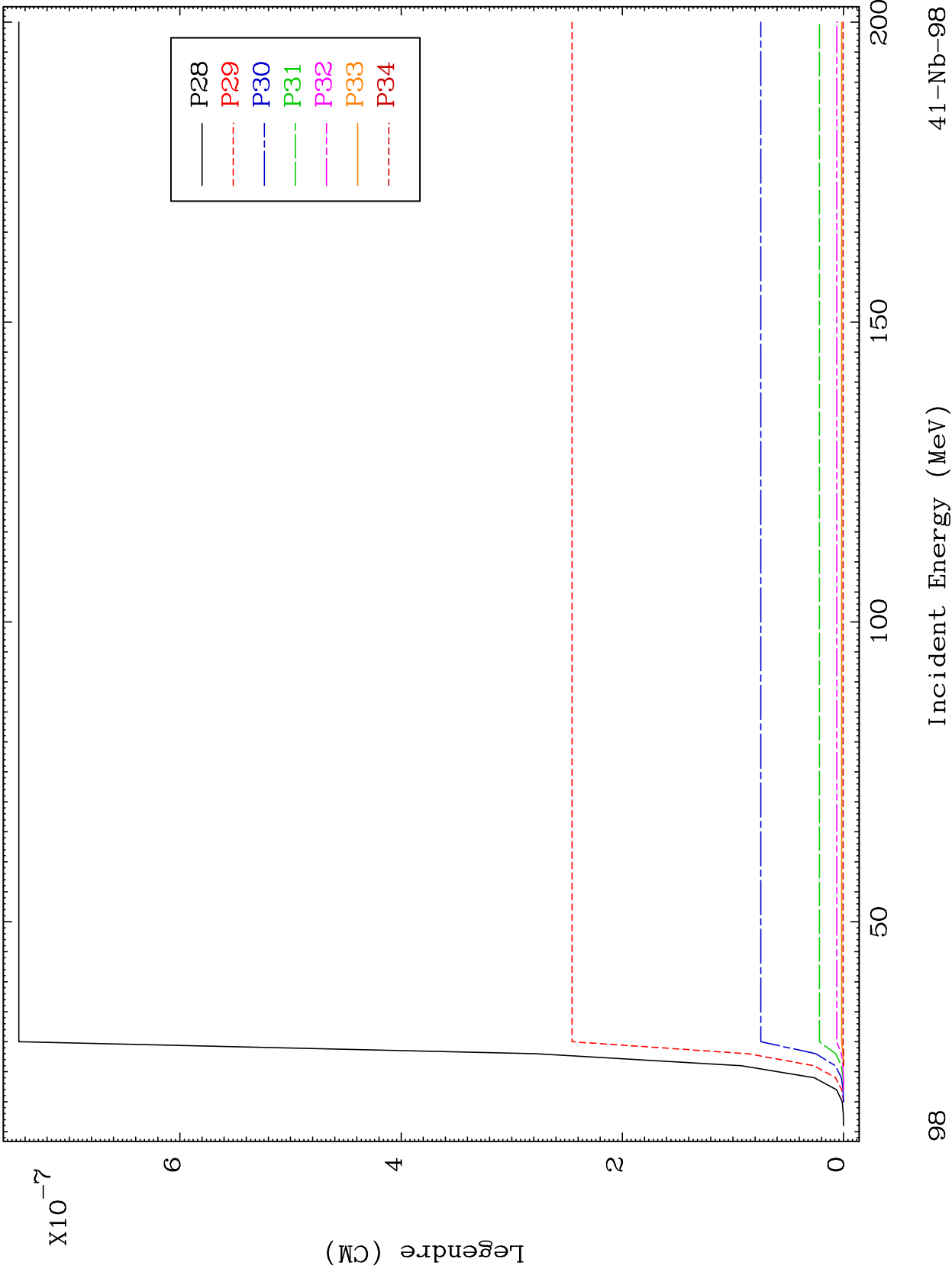
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



98

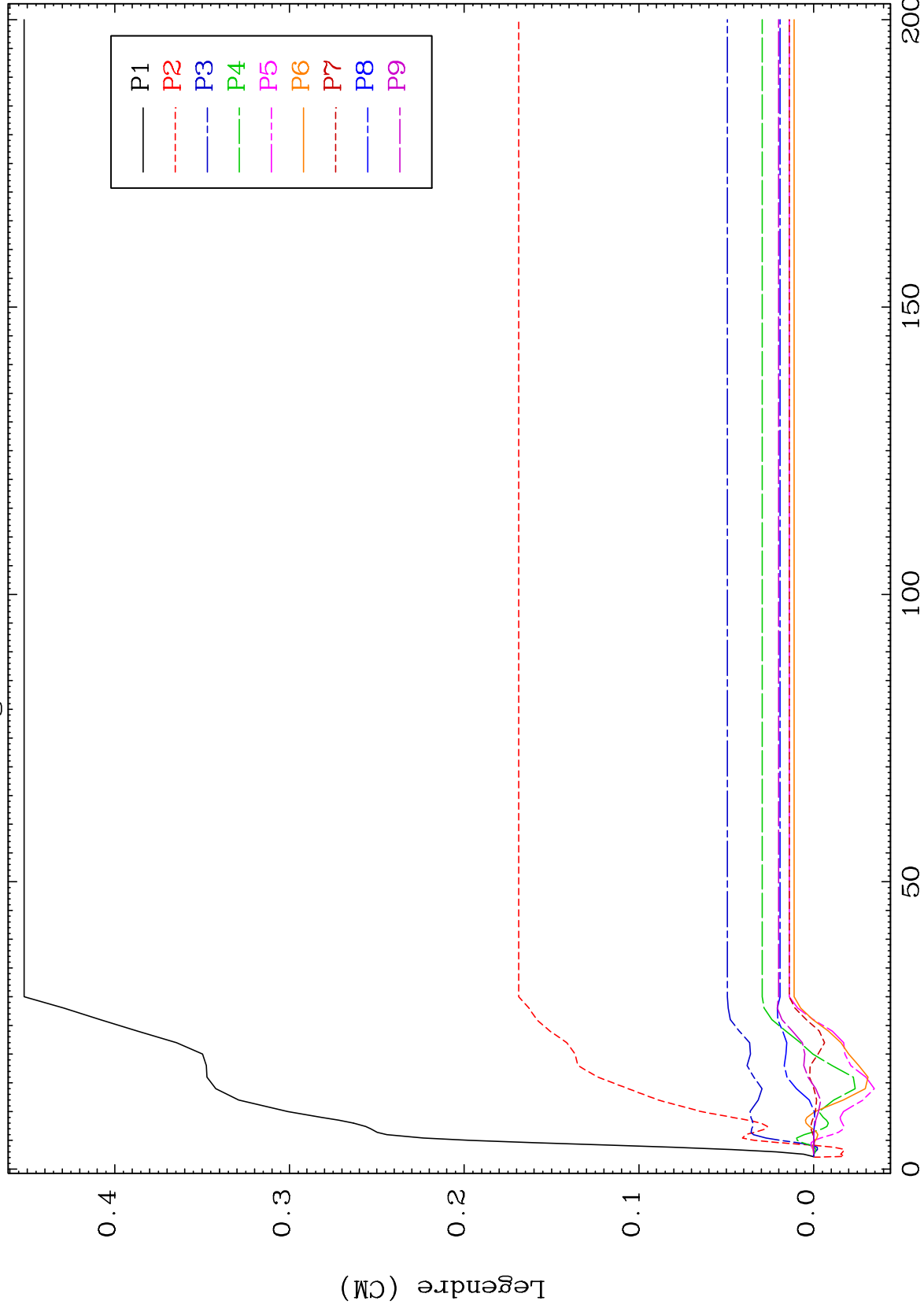
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



99

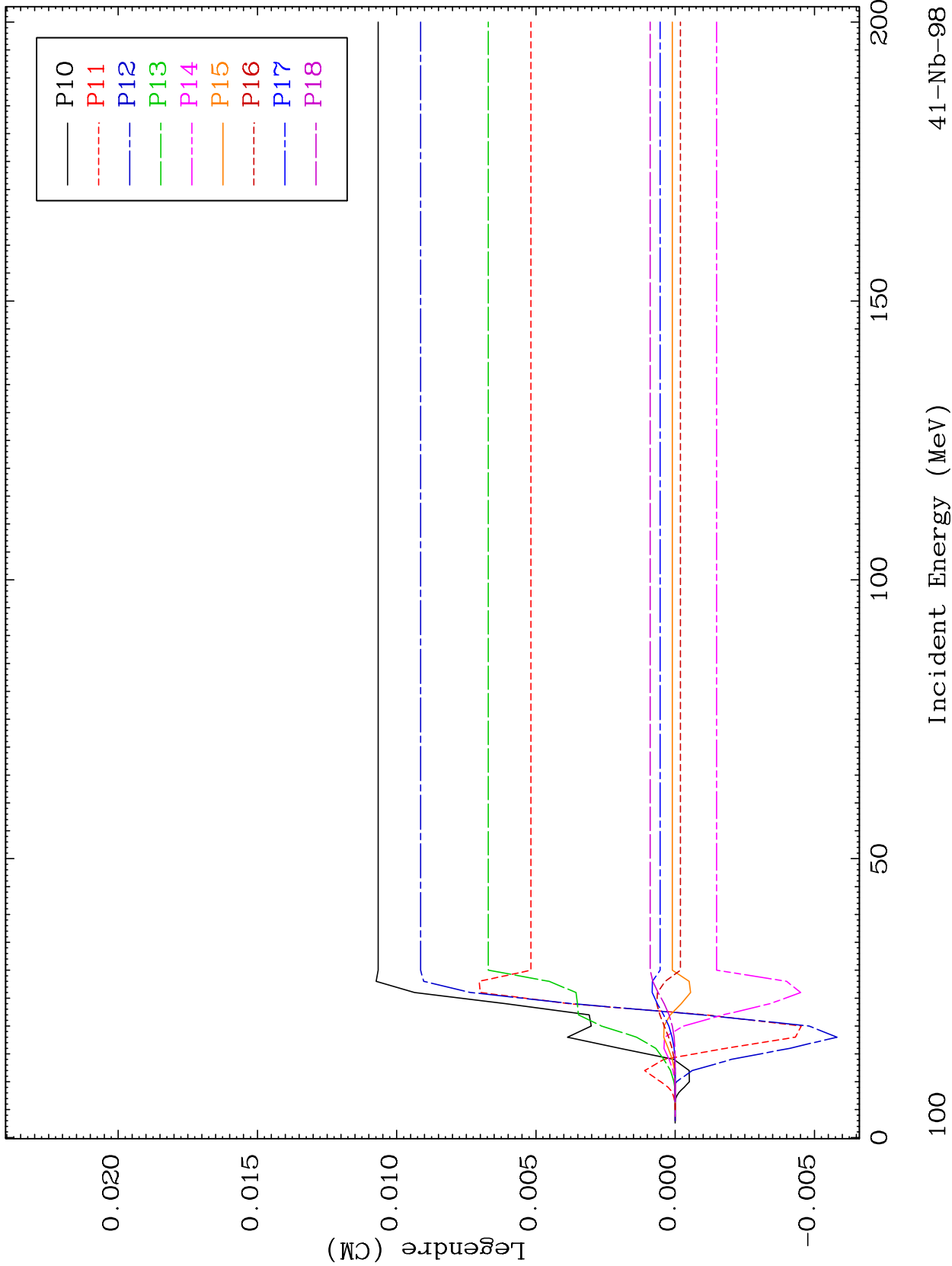
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98

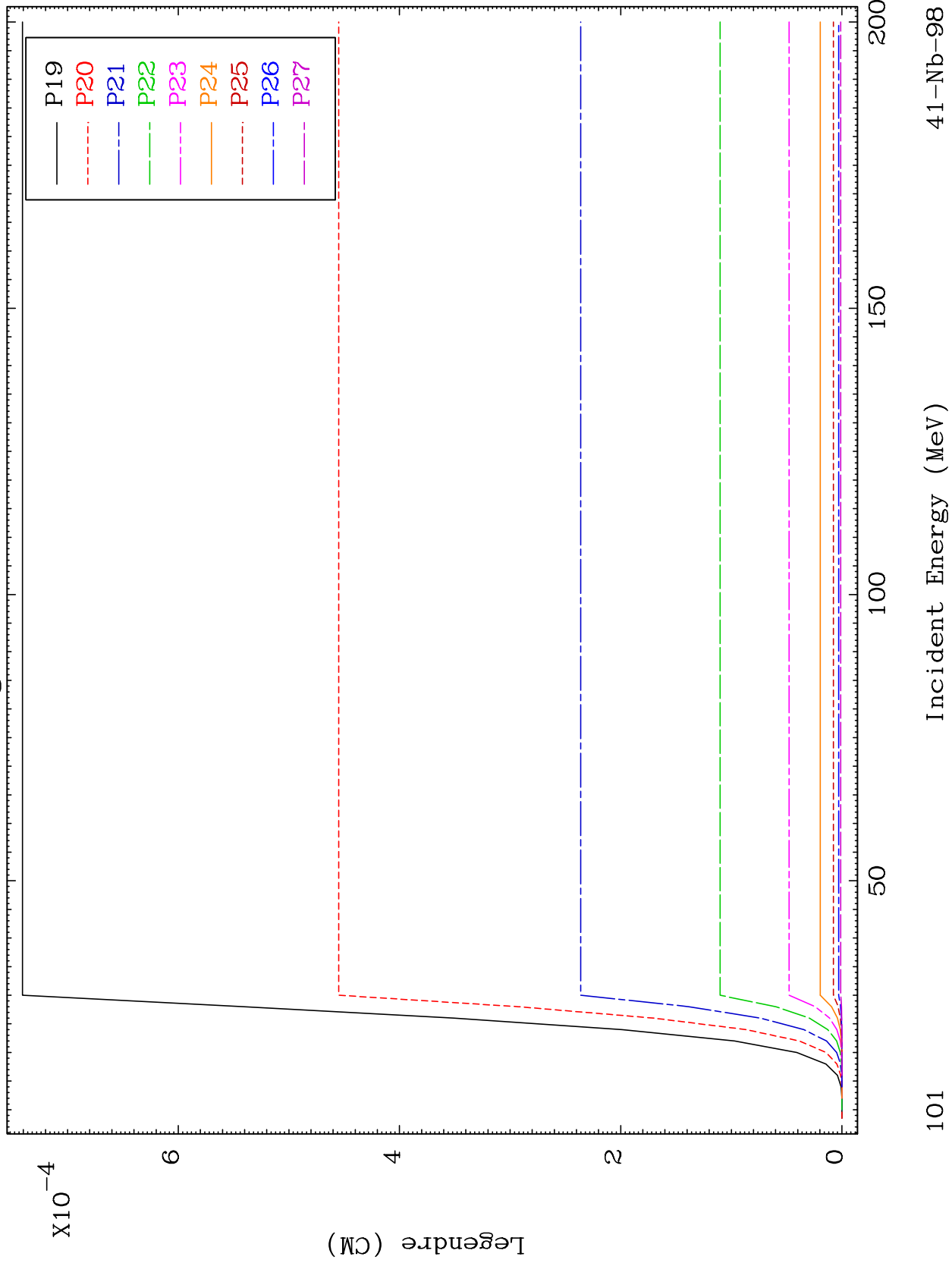


41-Nb-98

MAT 4140

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

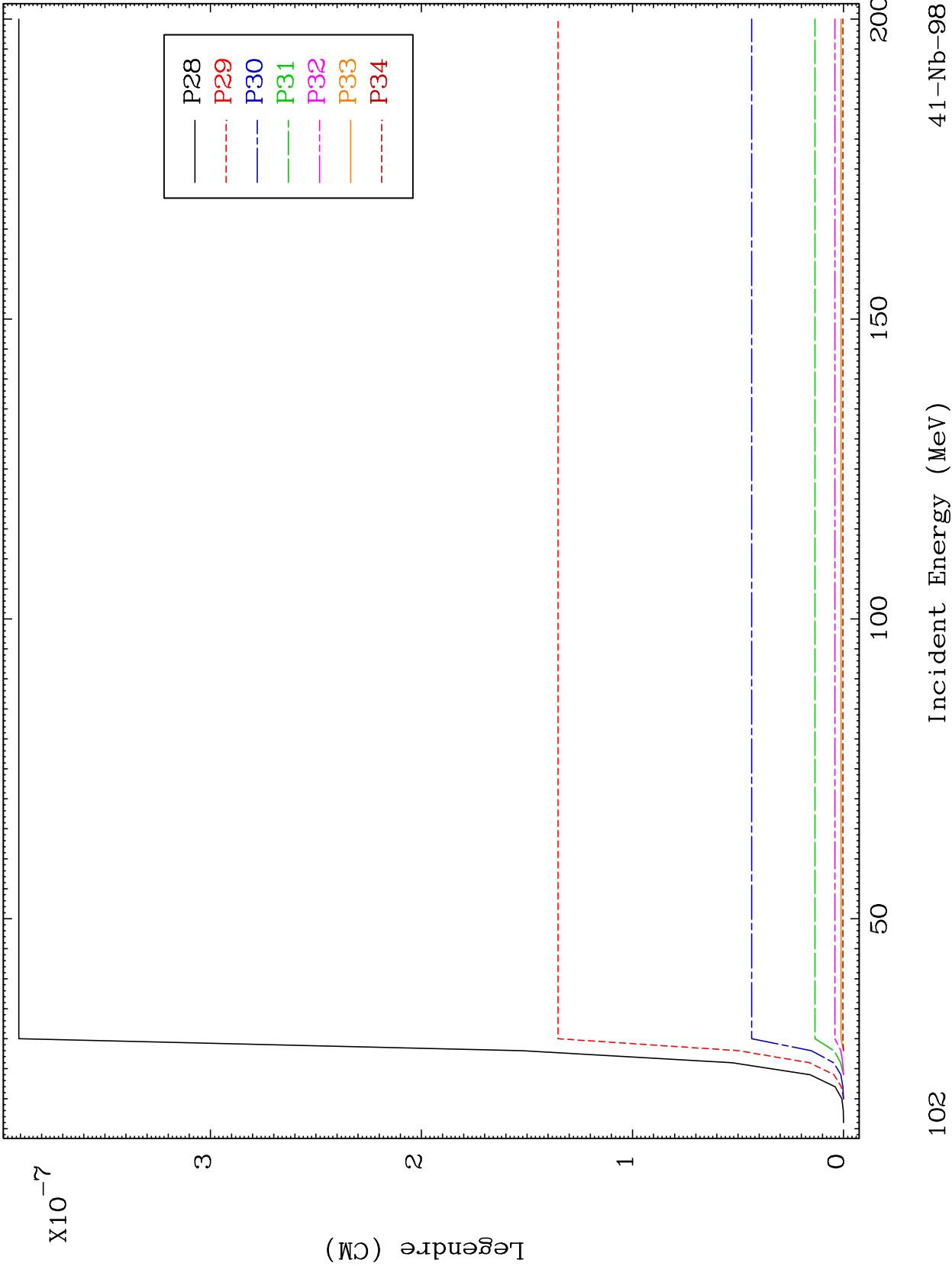
41-Nb-98

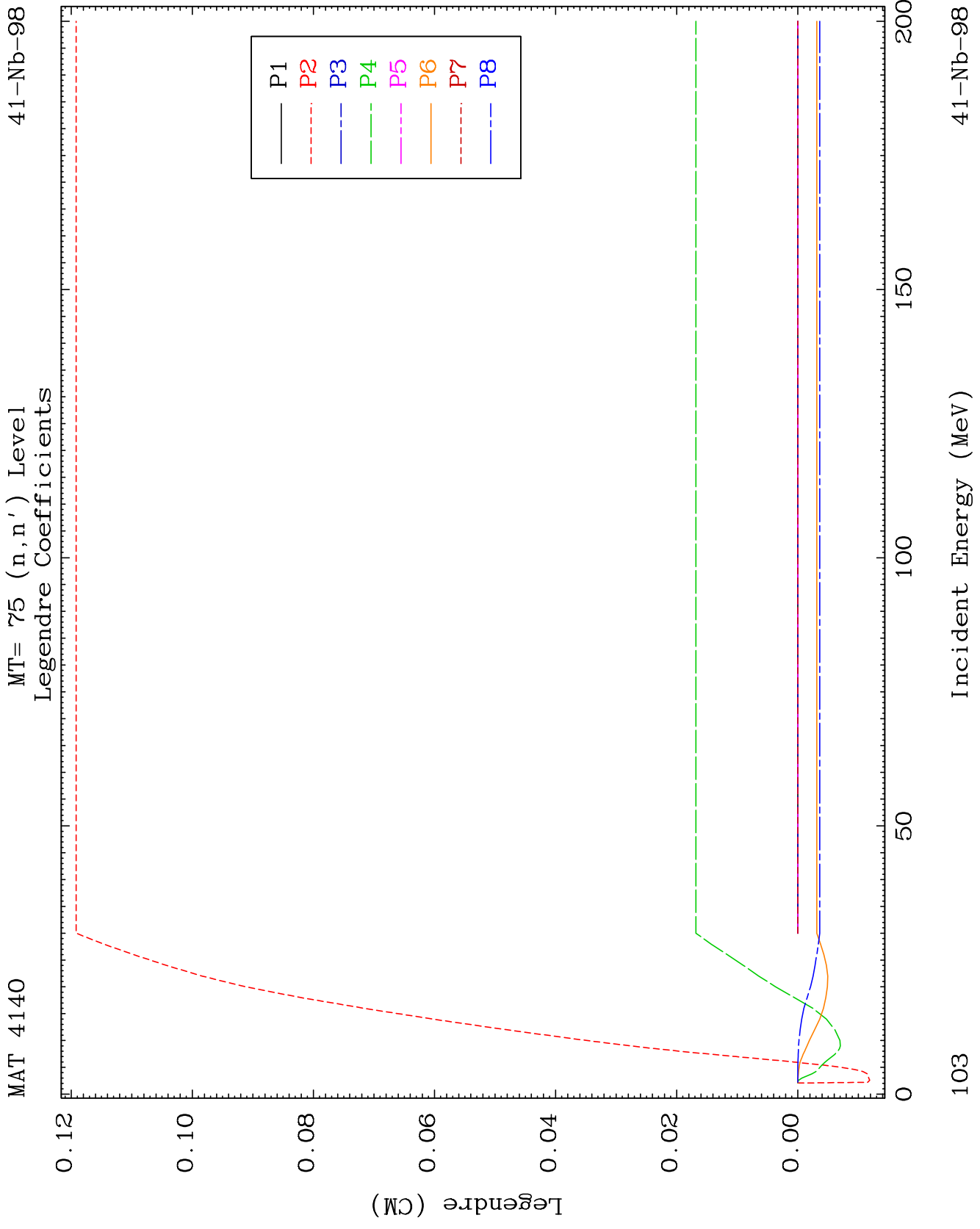


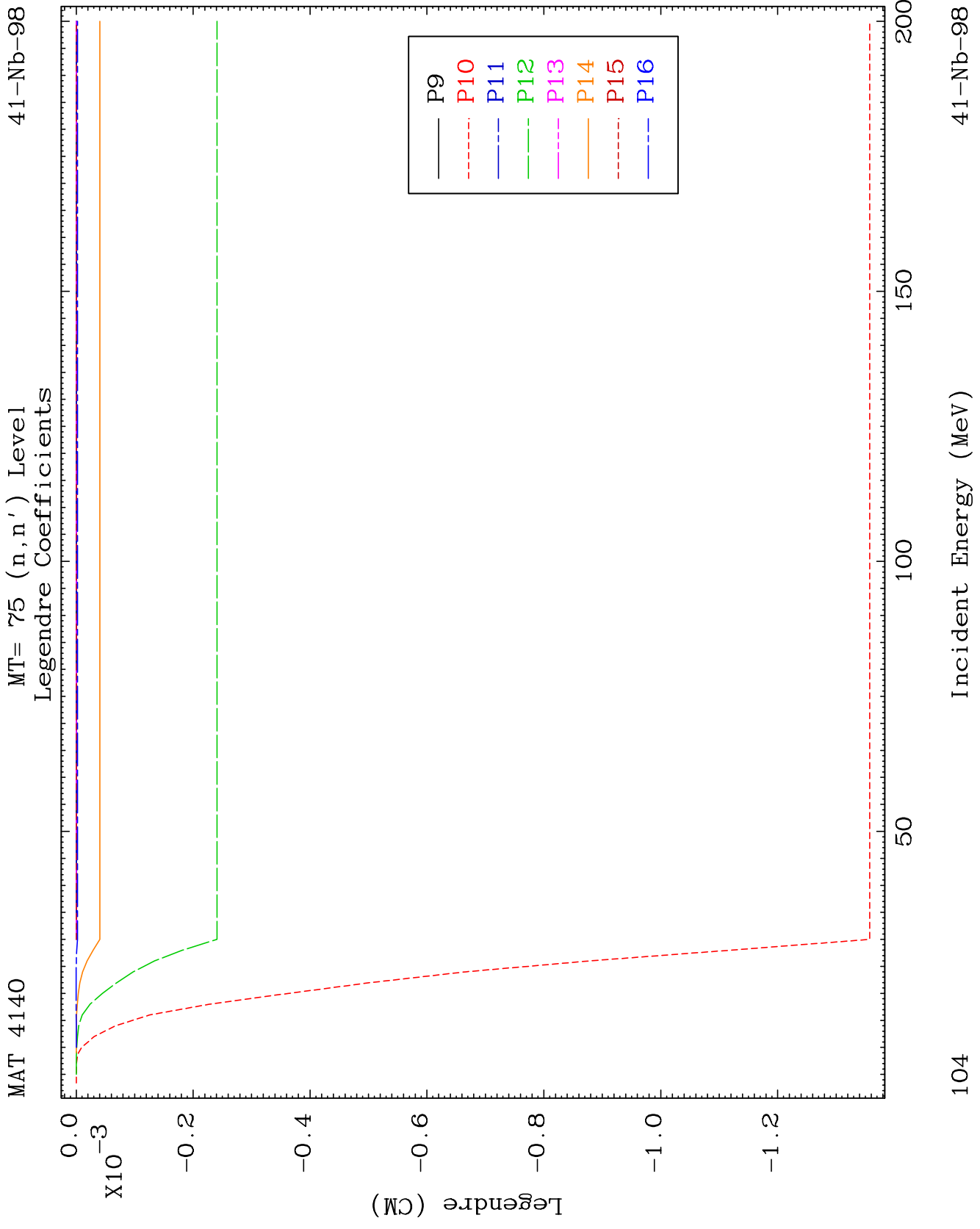
MAT 4140

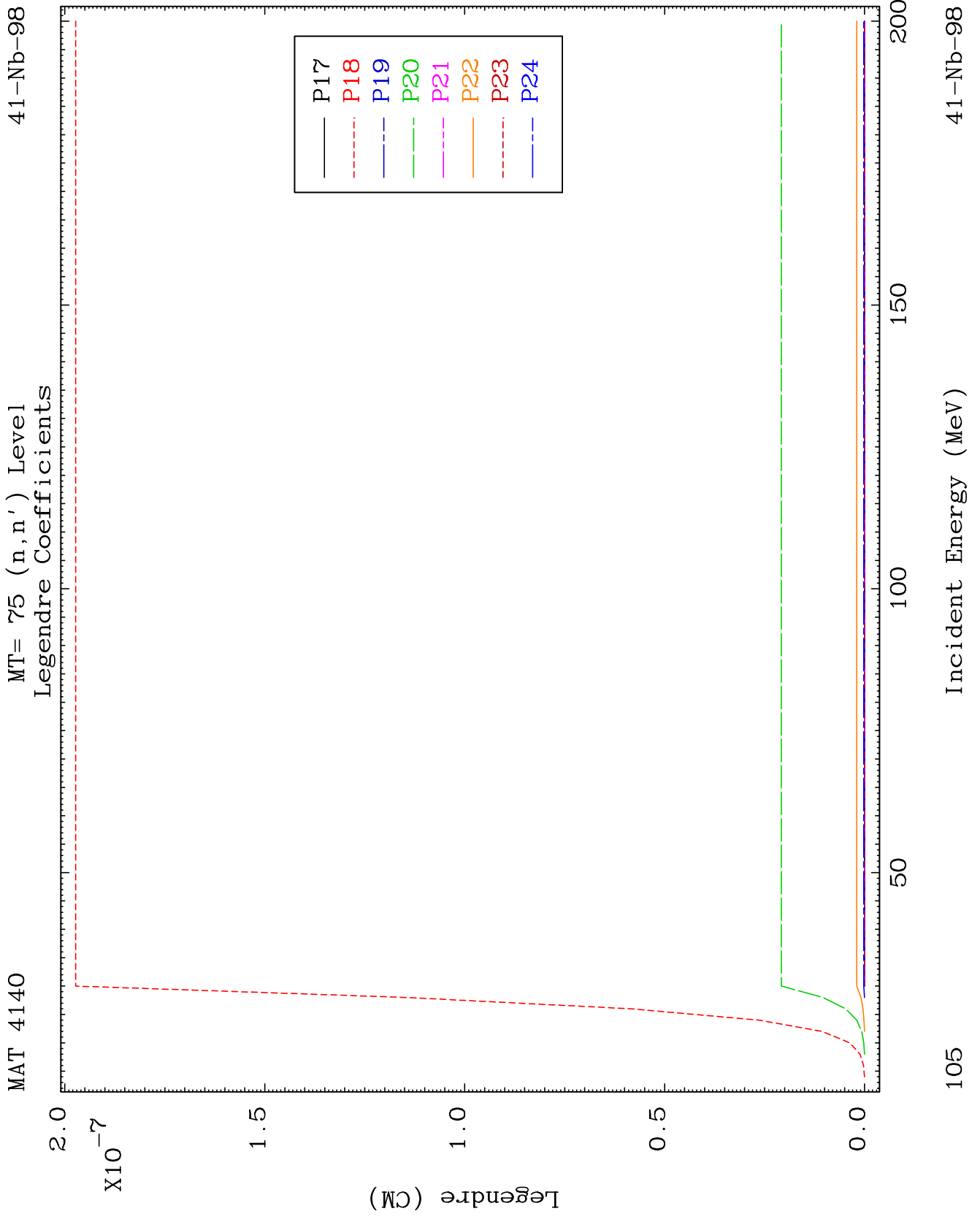
MT= 74 (n,n') Level
Legendre Coefficients

41-Nb-98





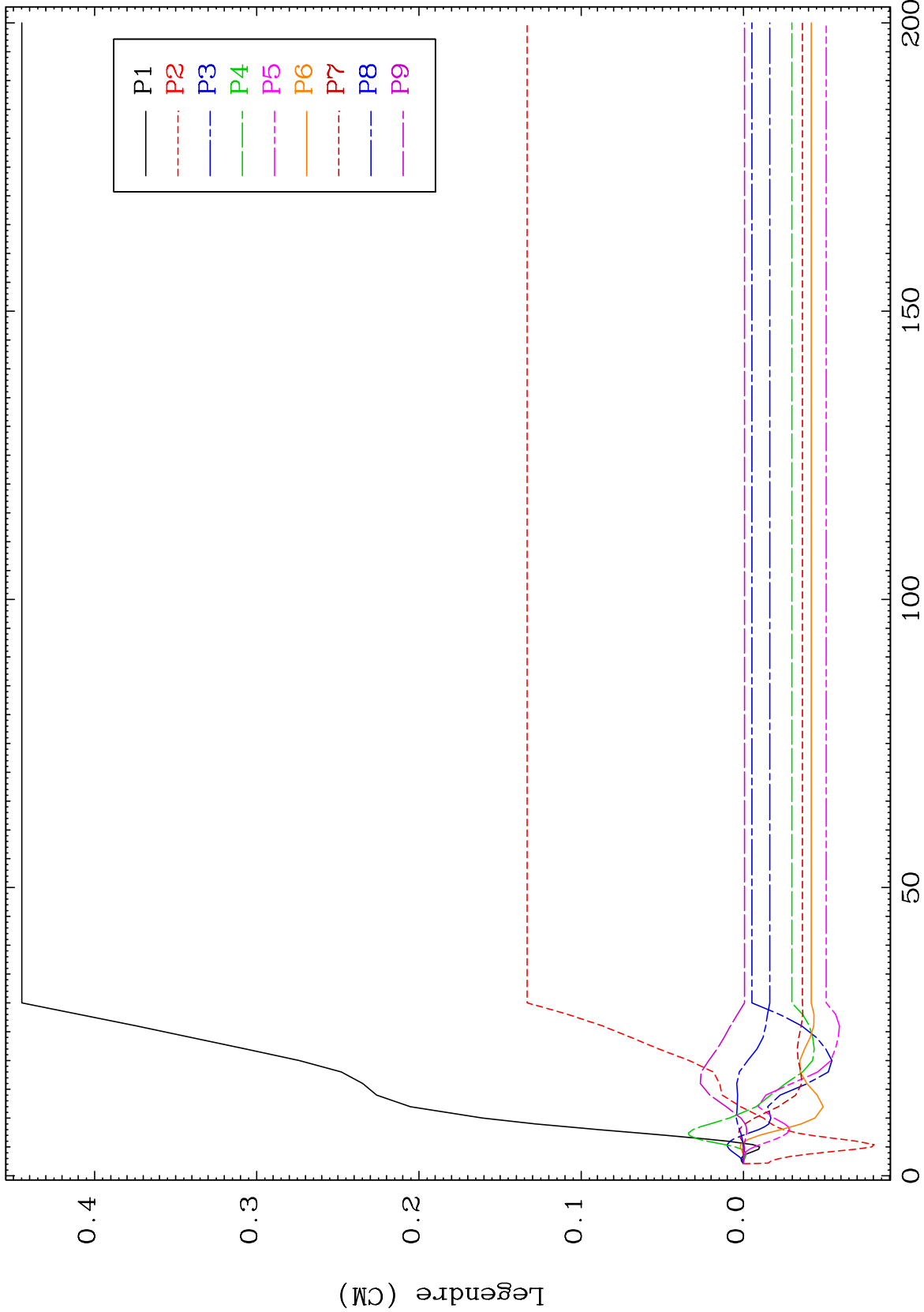




MAT 4140

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

41-Nb-98



41-Nb-98

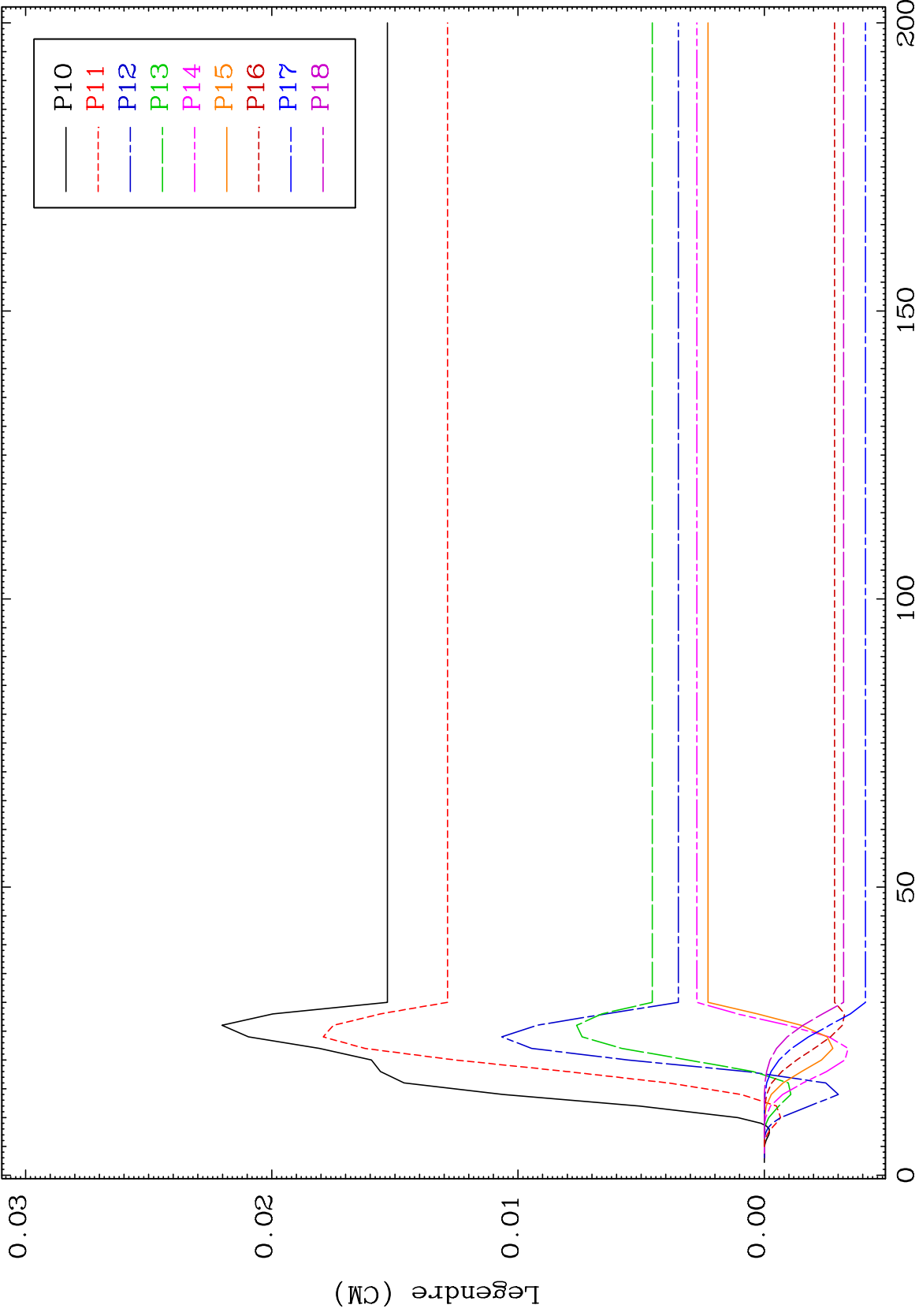
Incident Energy (MeV)

106

MAT 4140

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

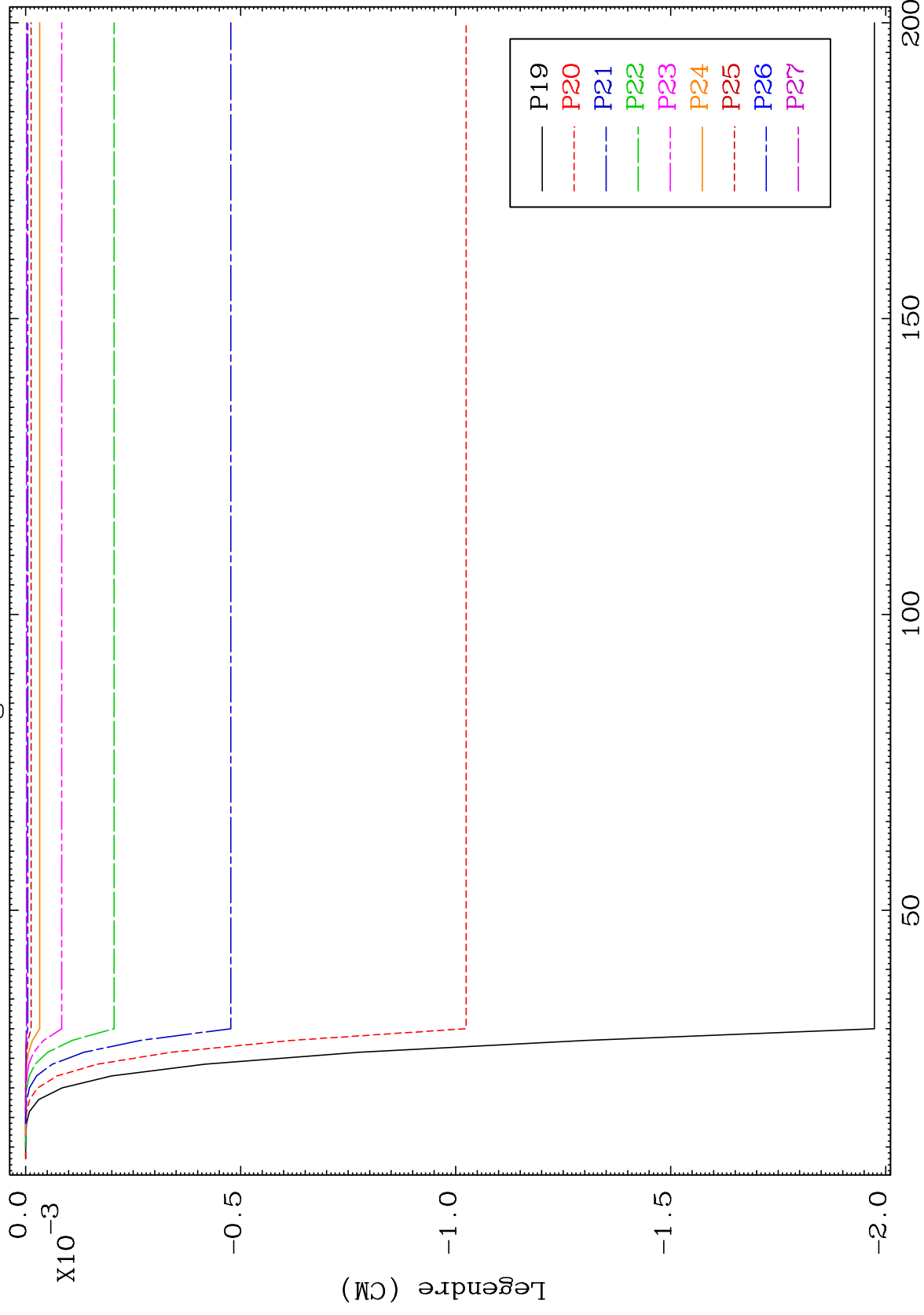
41-Nb-98

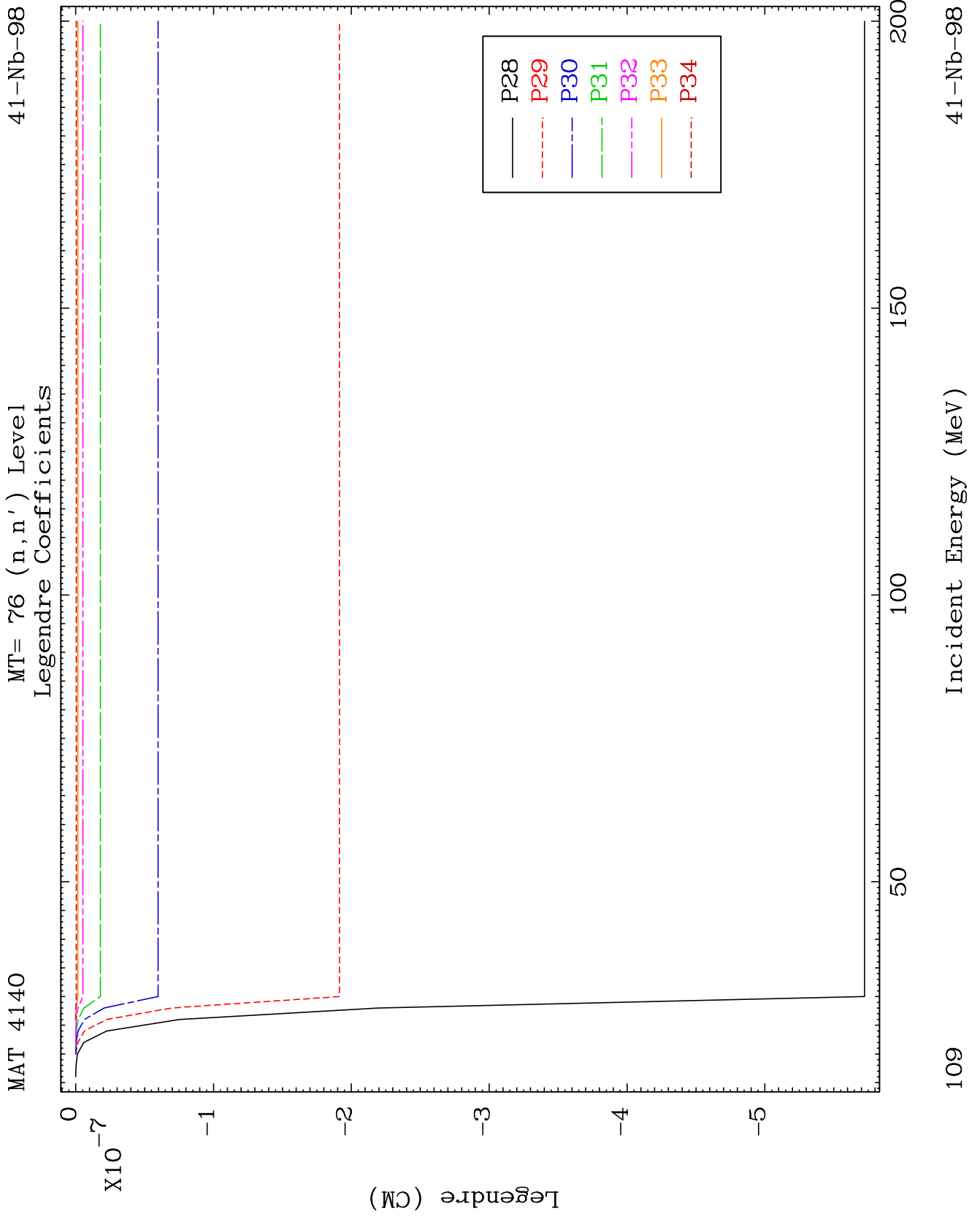


107

Incident Energy (MeV)

41-Nb-98

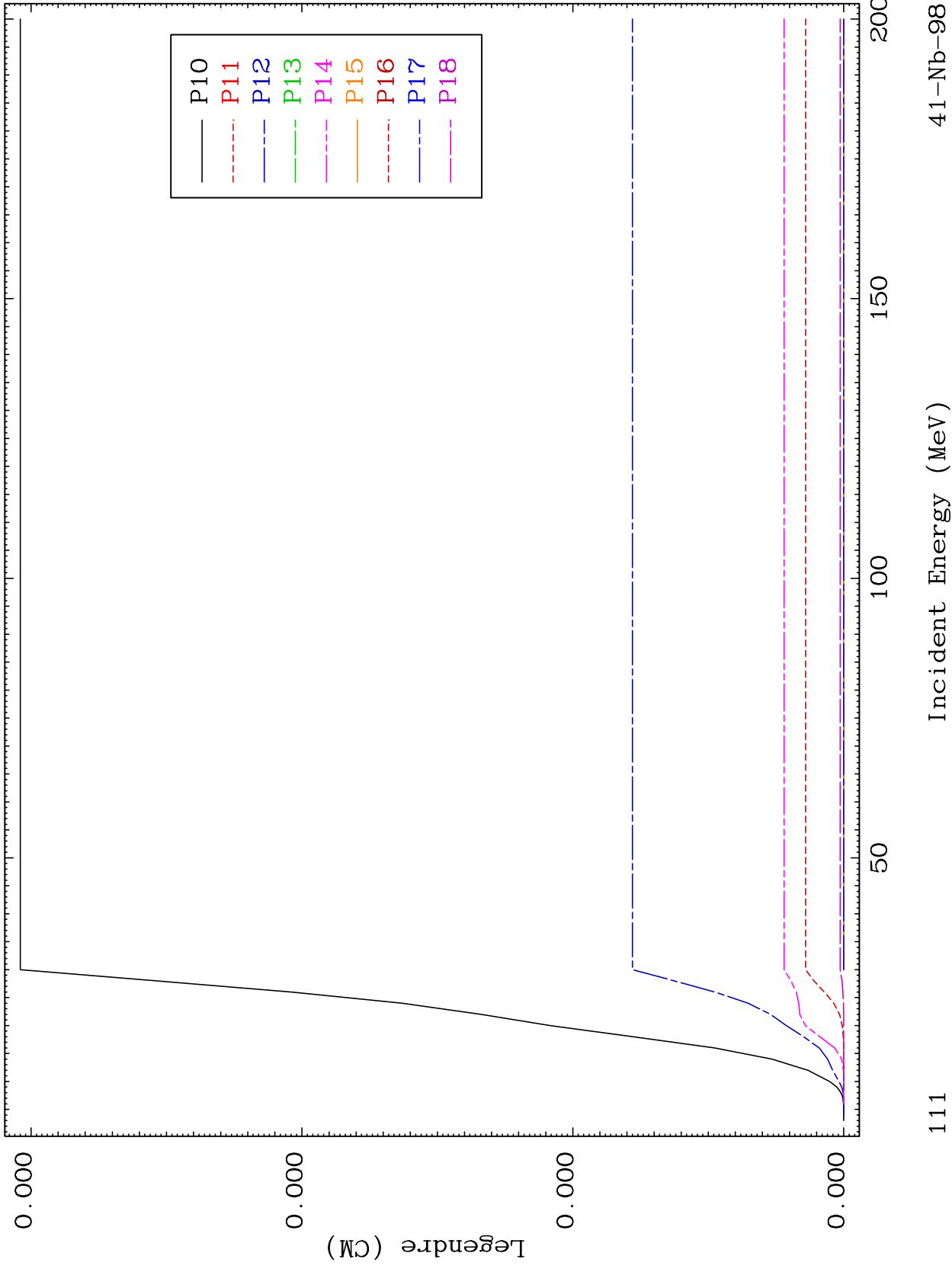


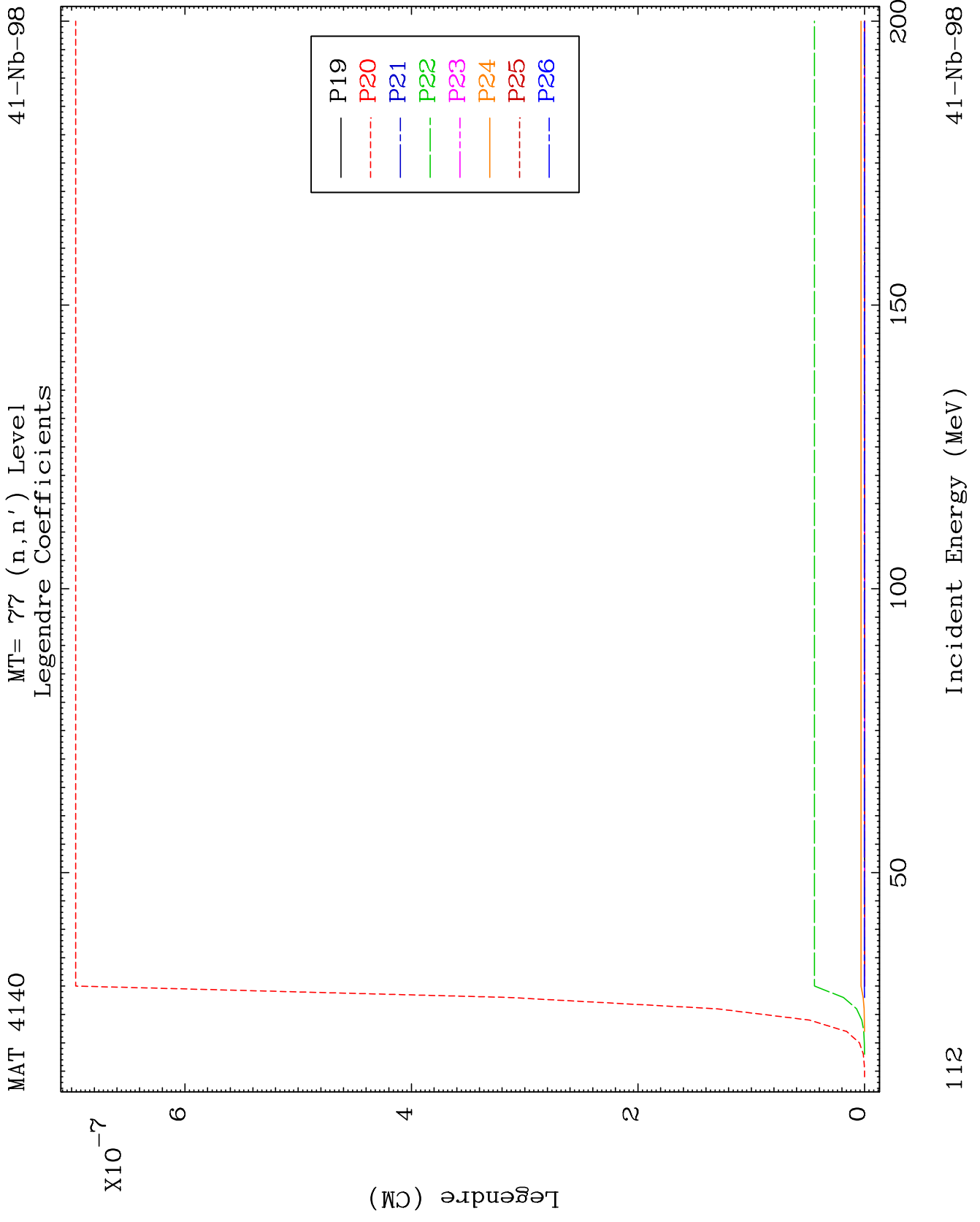


MAT 4140

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

41-Nb-98

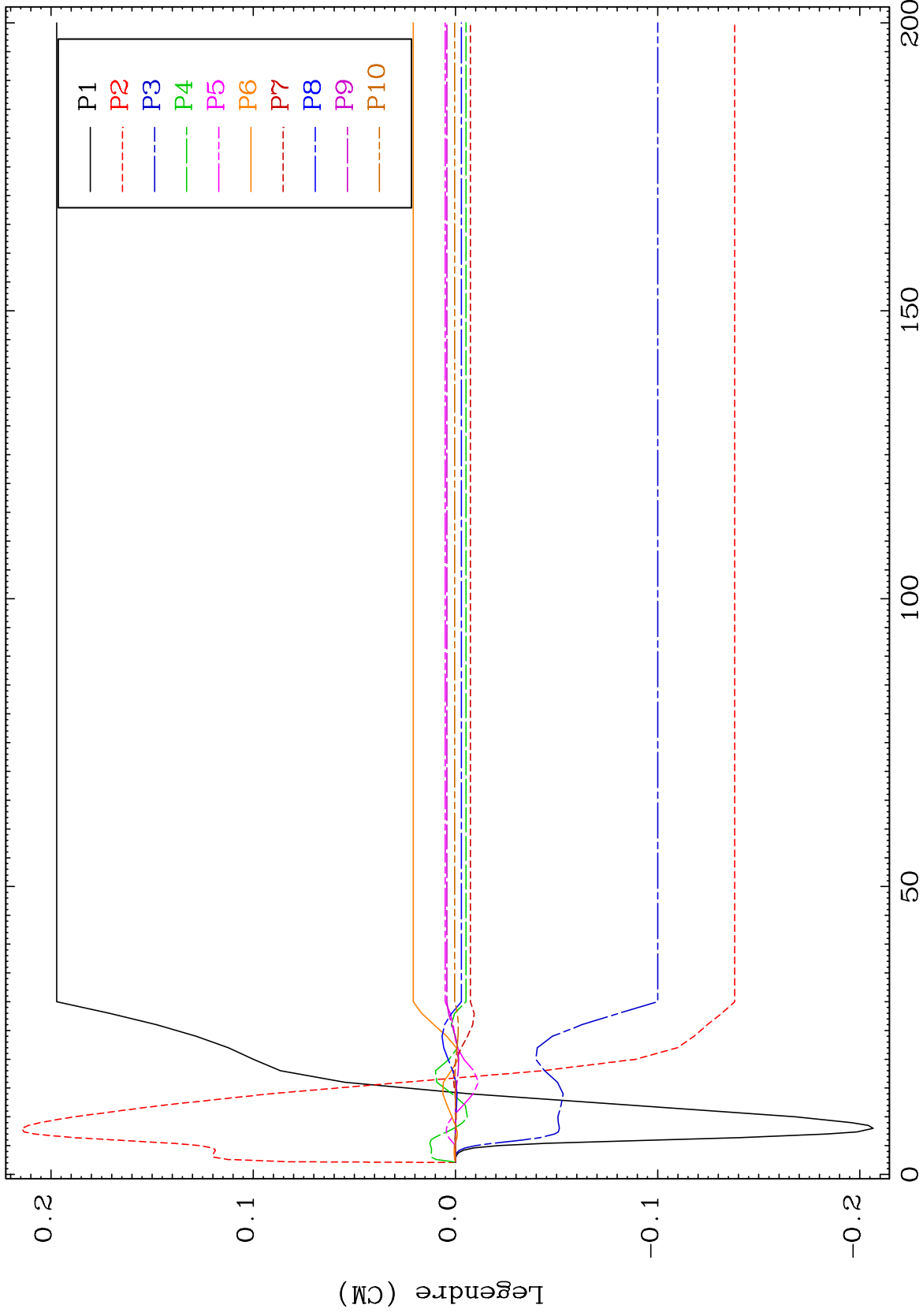




MAT 4140

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

41-Nb-98



113

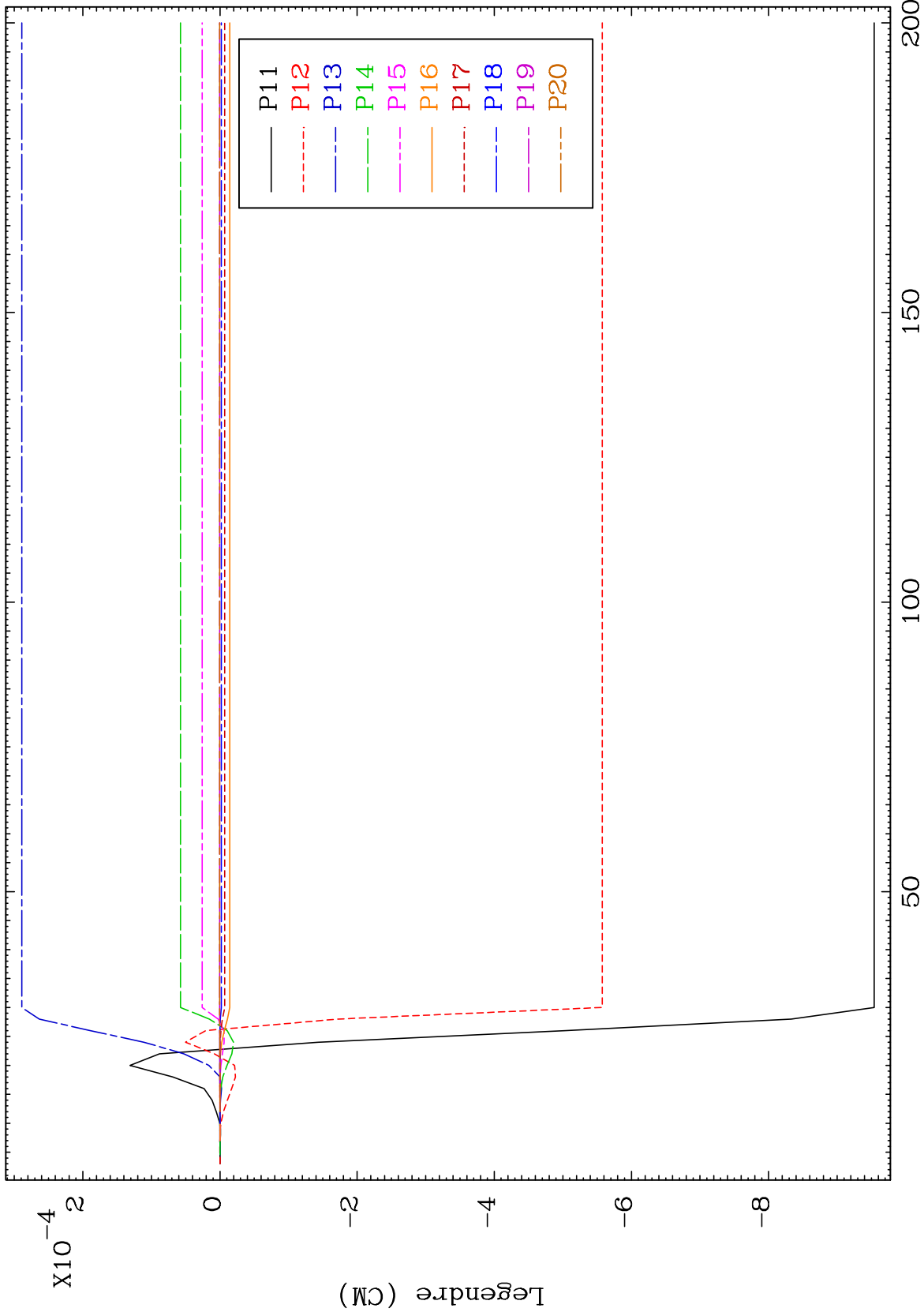
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

41-Nb-98



114

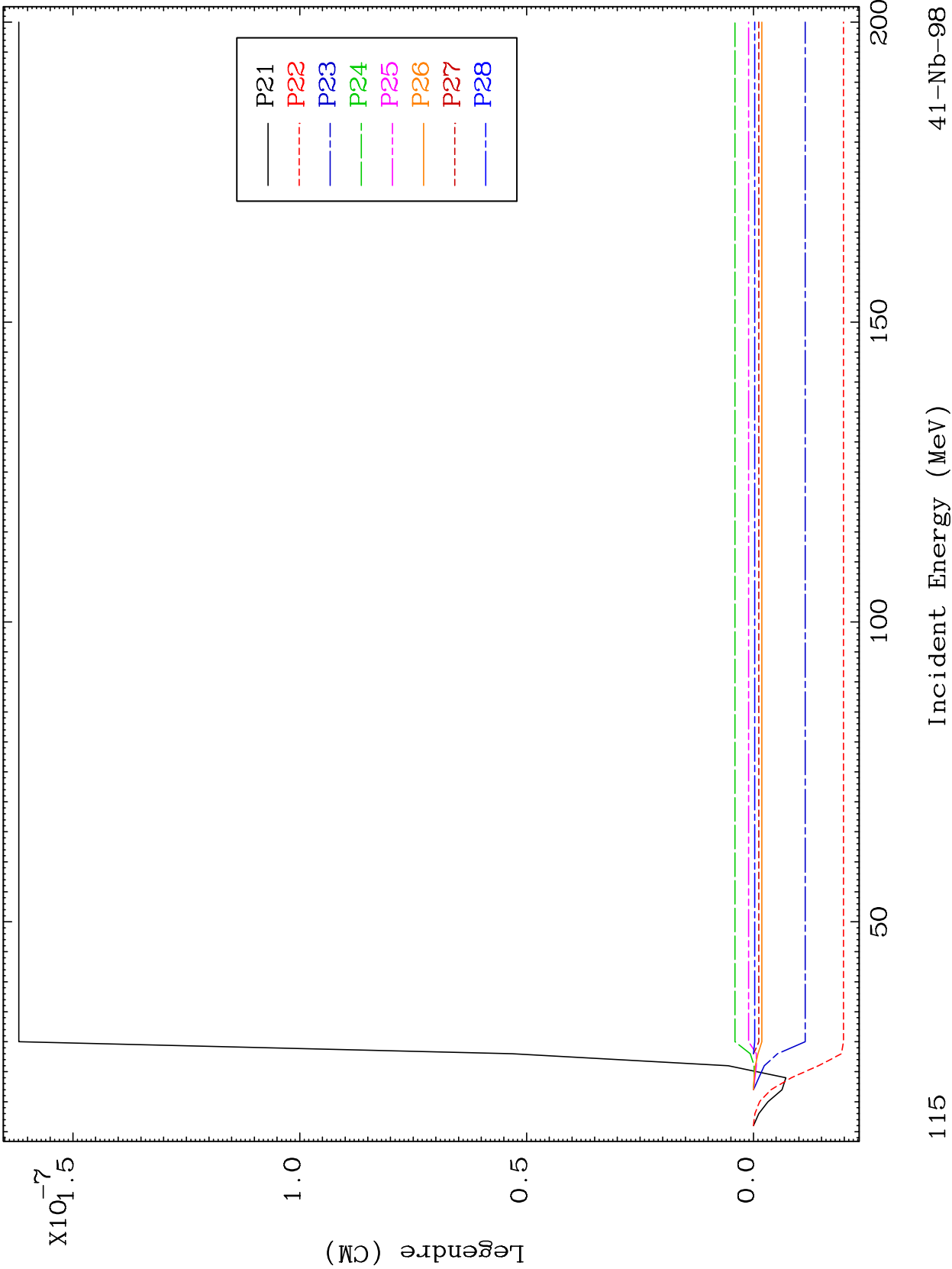
Incident Energy (MeV)

41-Nb-98

MAT 4140

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

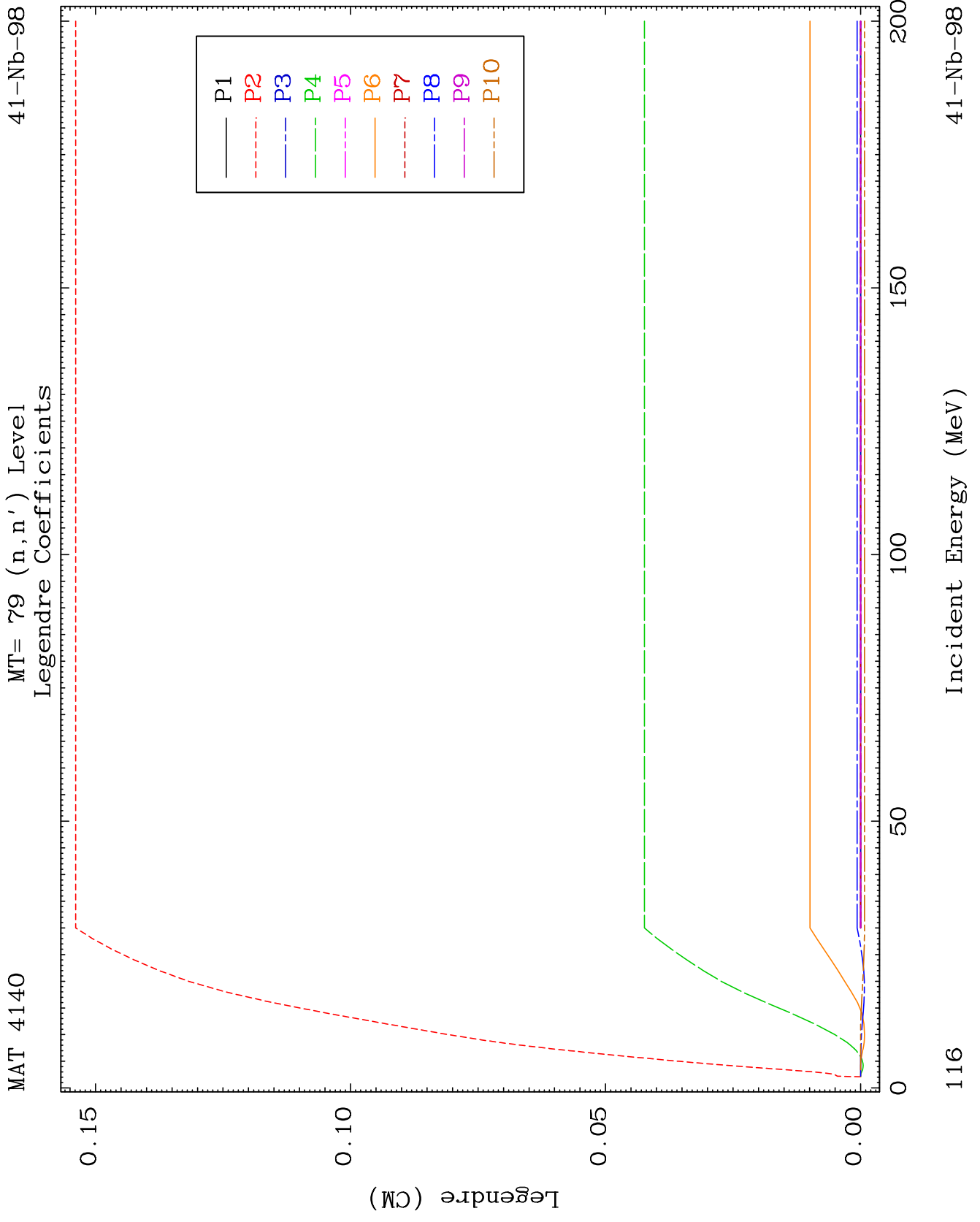
41-Nb-98

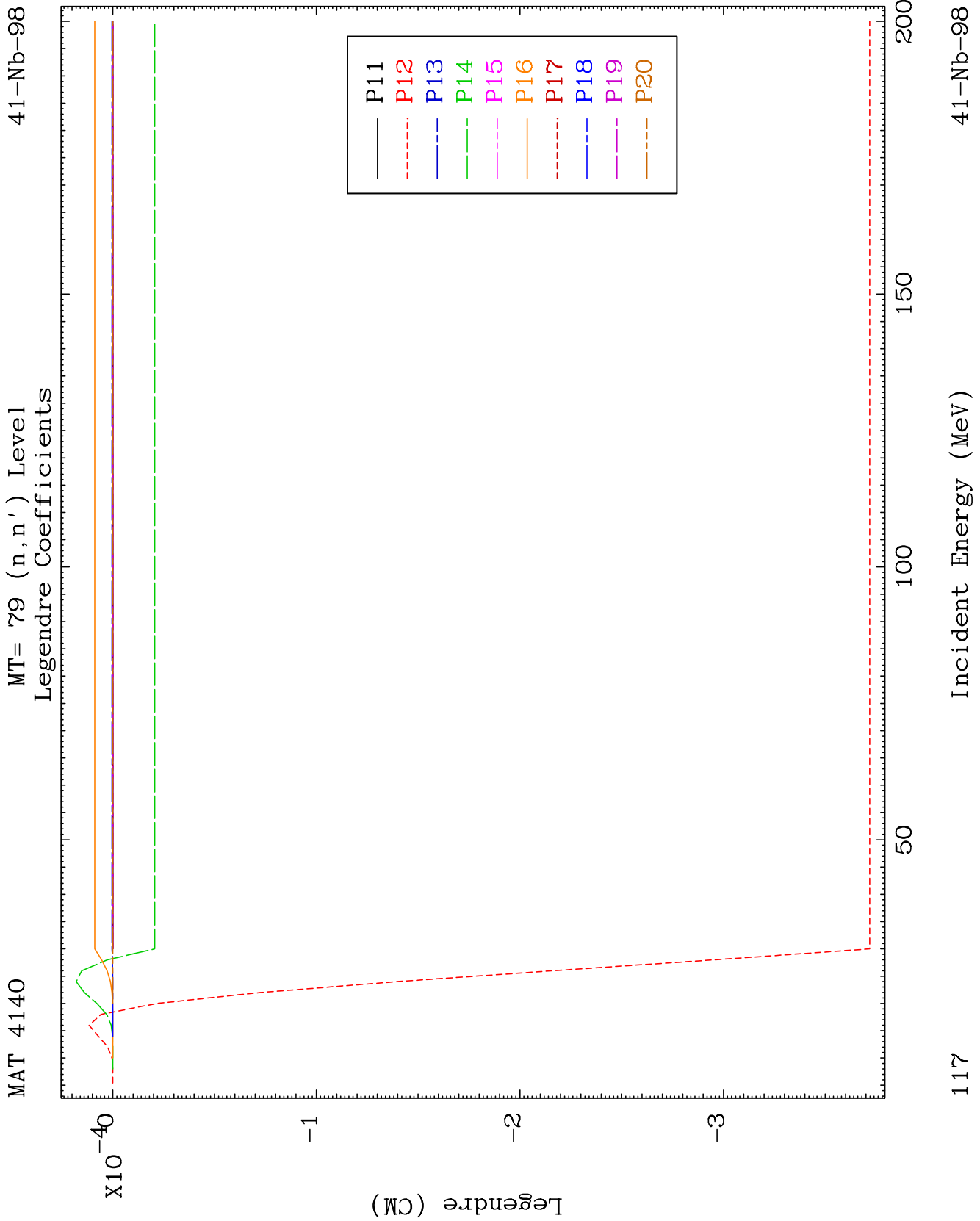


115

Incident Energy (MeV)

41-Nb-98

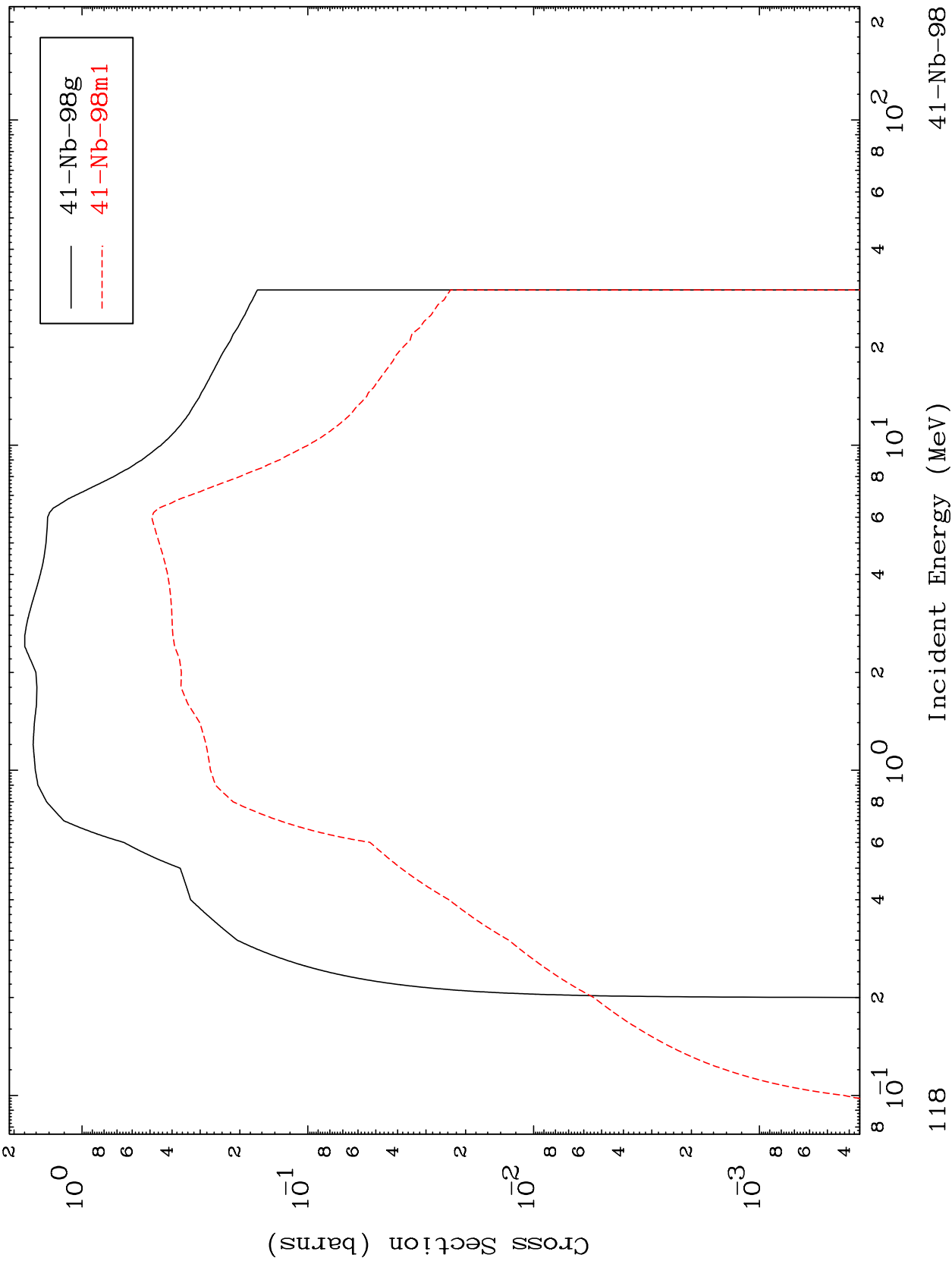




MAT 4140

41-Nb-98

Inelastic Radionuclide Production Cross Section



41-Nb-98

Incident Energy (MeV)

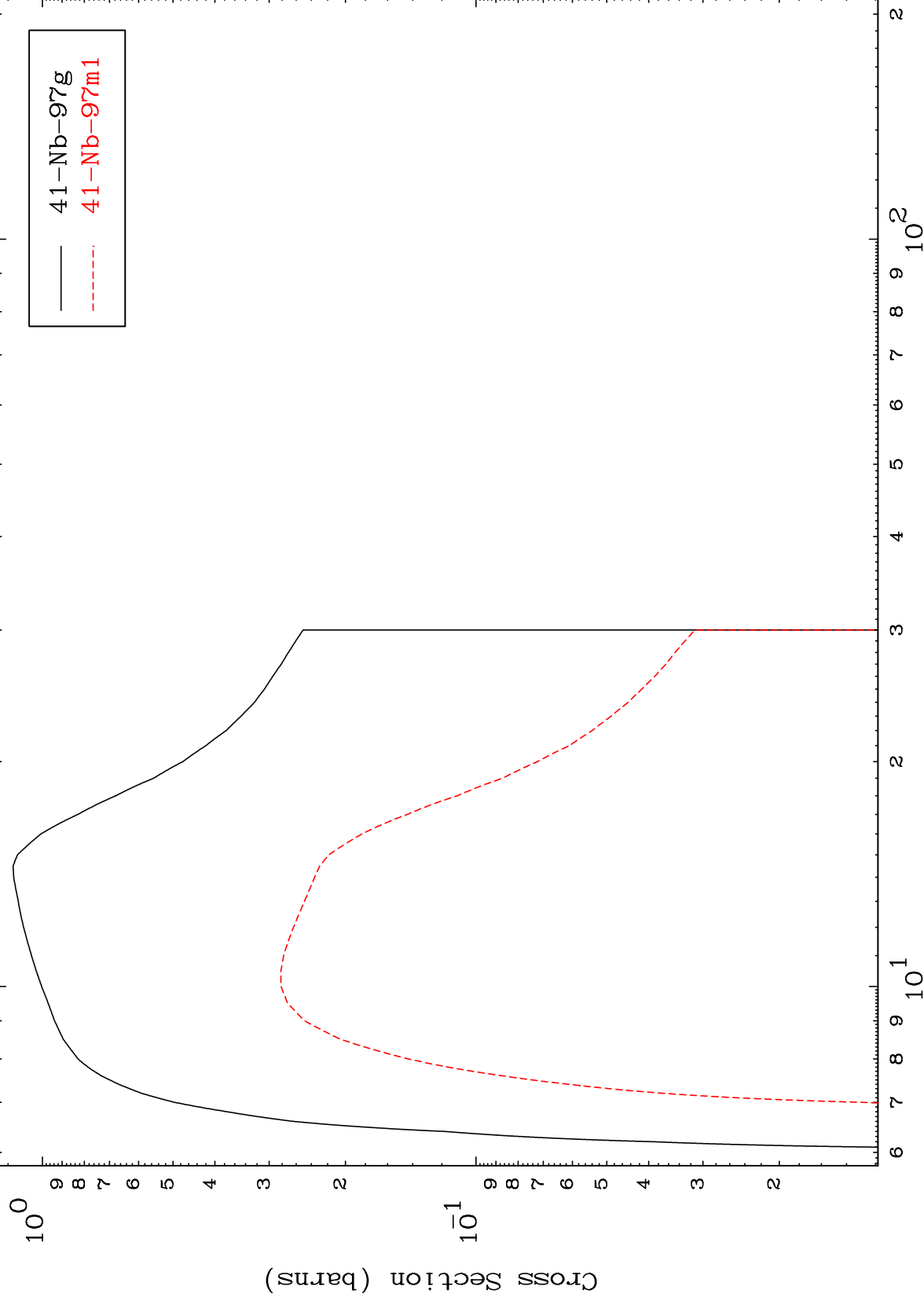
118

MAT 4140

(n,2n)

41-Nb-98

Radionuclide Production Cross Section



119

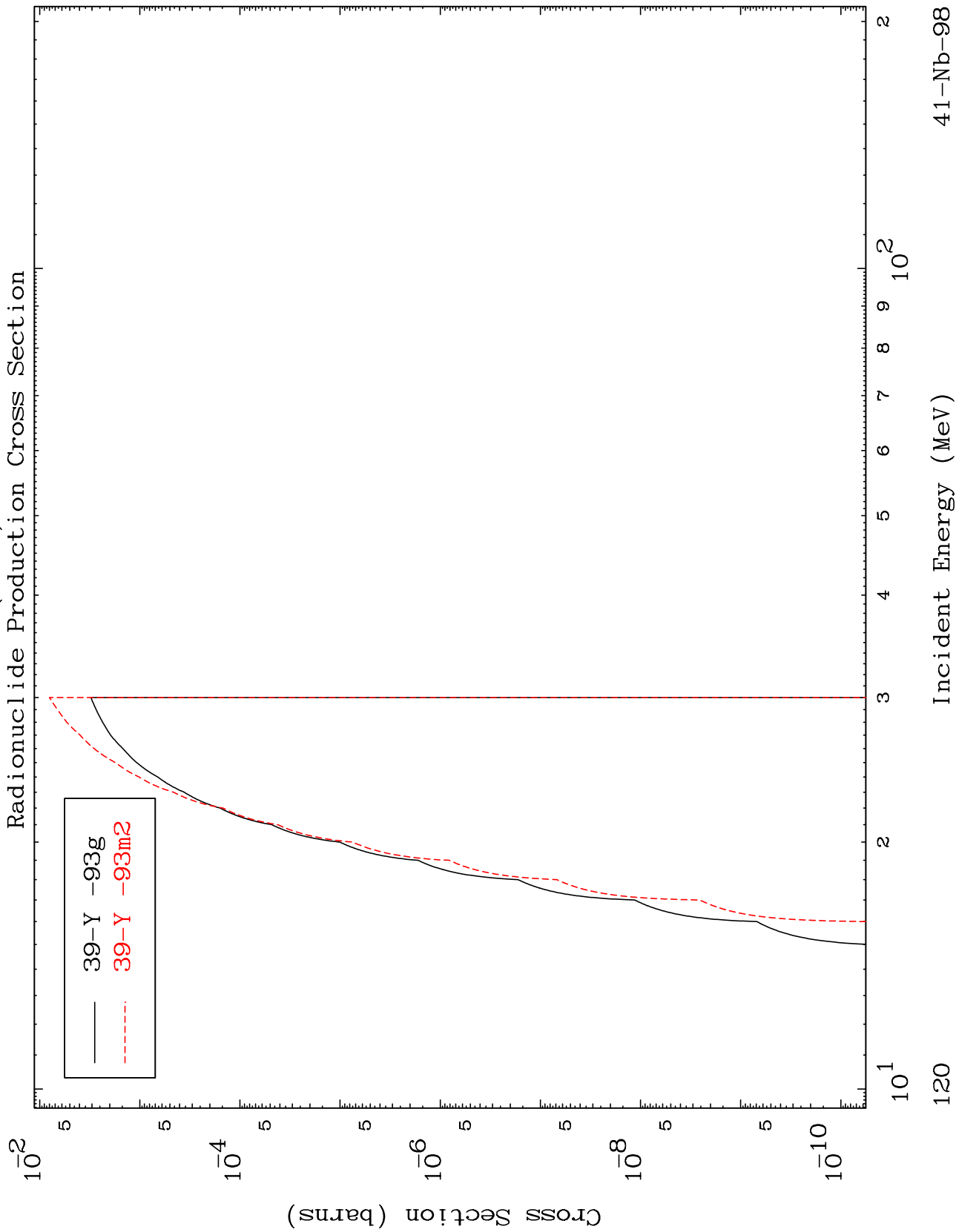
Incident Energy (MeV)

41-Nb-98

MAT 4140

$(n,2n) \alpha$

41-Nb-98



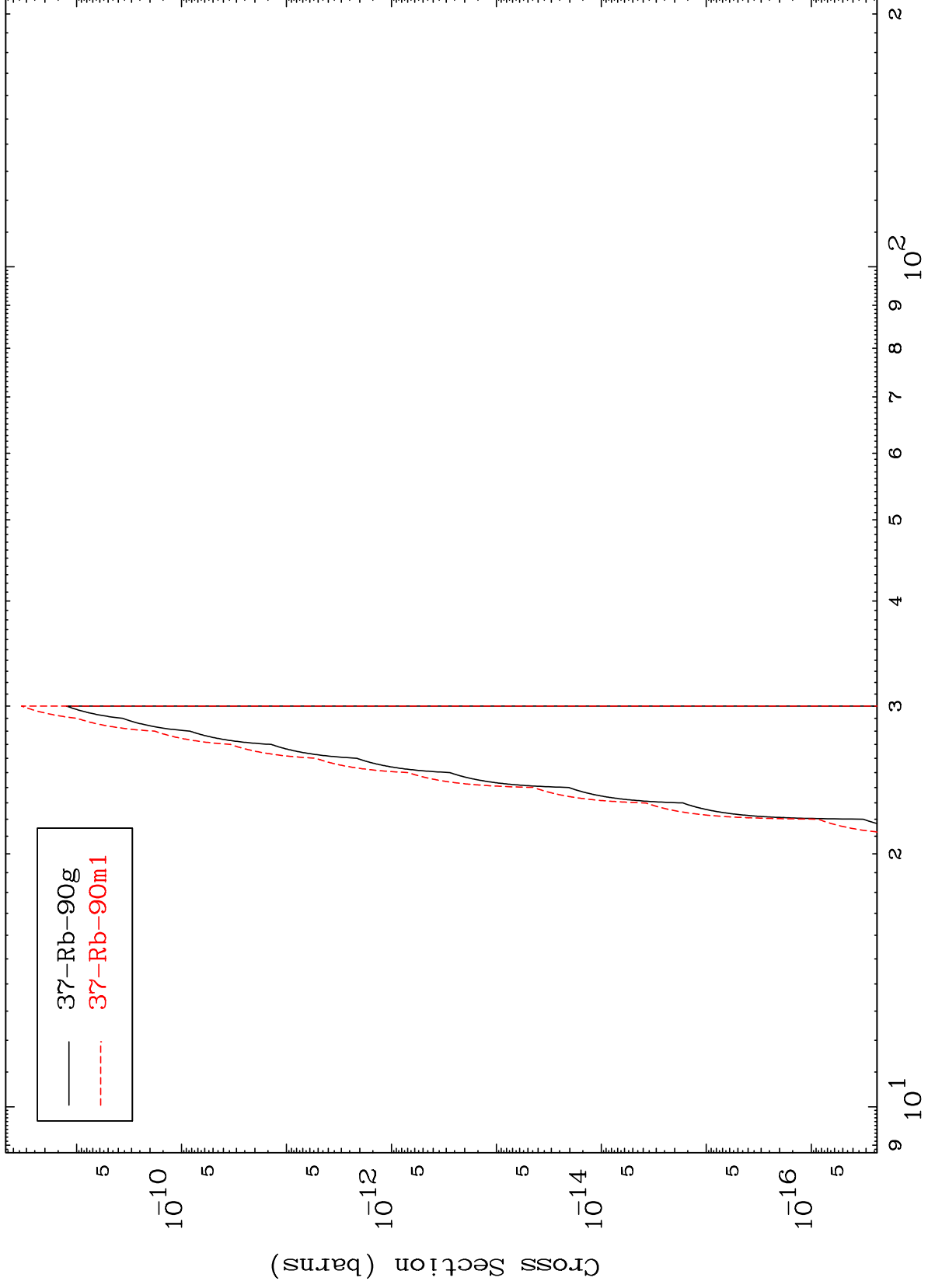
41-Nb-98

MAT 4140

(n,n') 2 α

41-Nb-98

Radionuclide Production Cross Section



121

Incident Energy (MeV)

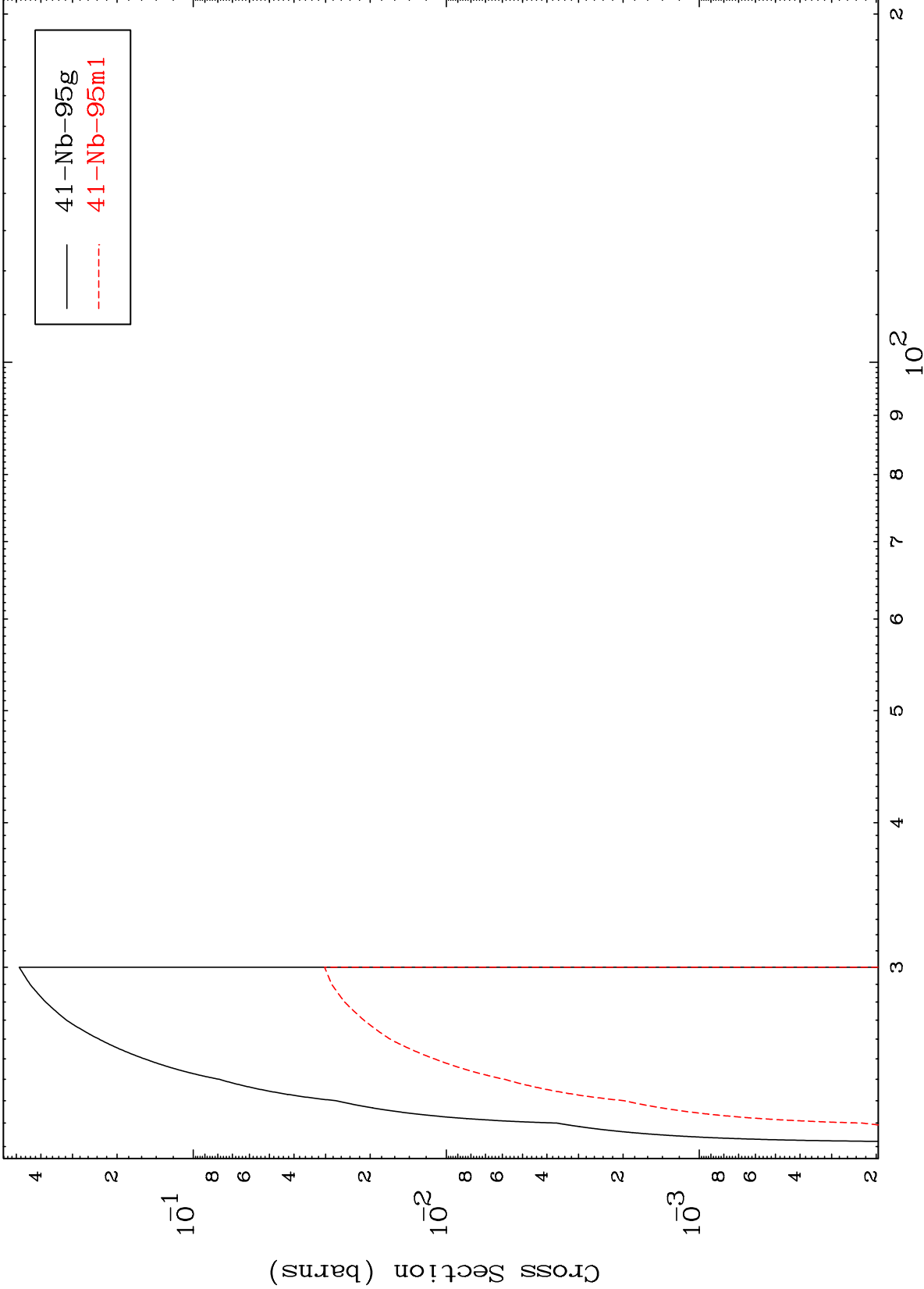
41-Nb-98

MAT 4140

(n,4n)

41-Nb-98

Radionuclide Production Cross Section



122

Incident Energy (MeV)

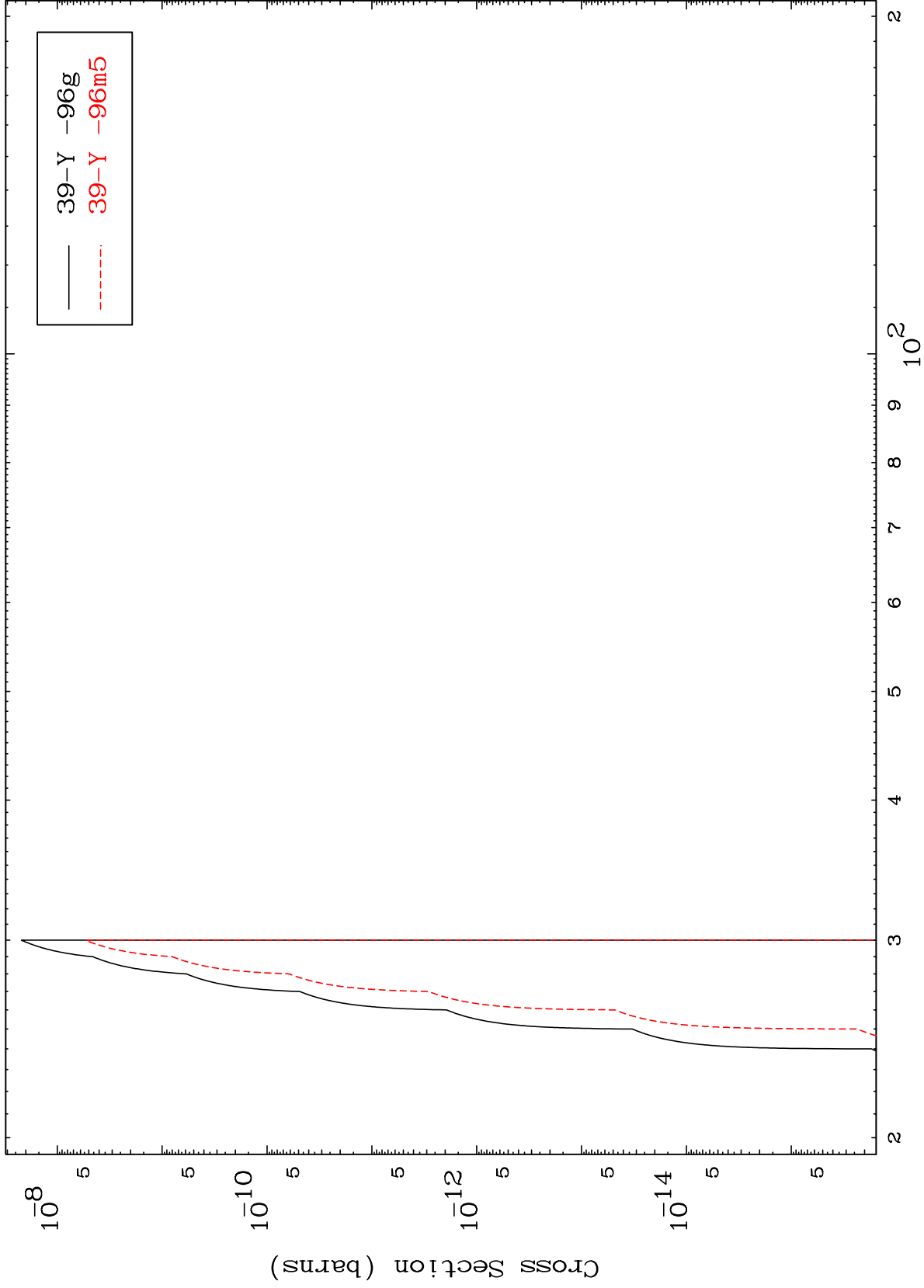
41-Nb-98

MAT 4140

(n,2n) p

41-Nb-98

Radionuclide Production Cross Section



123

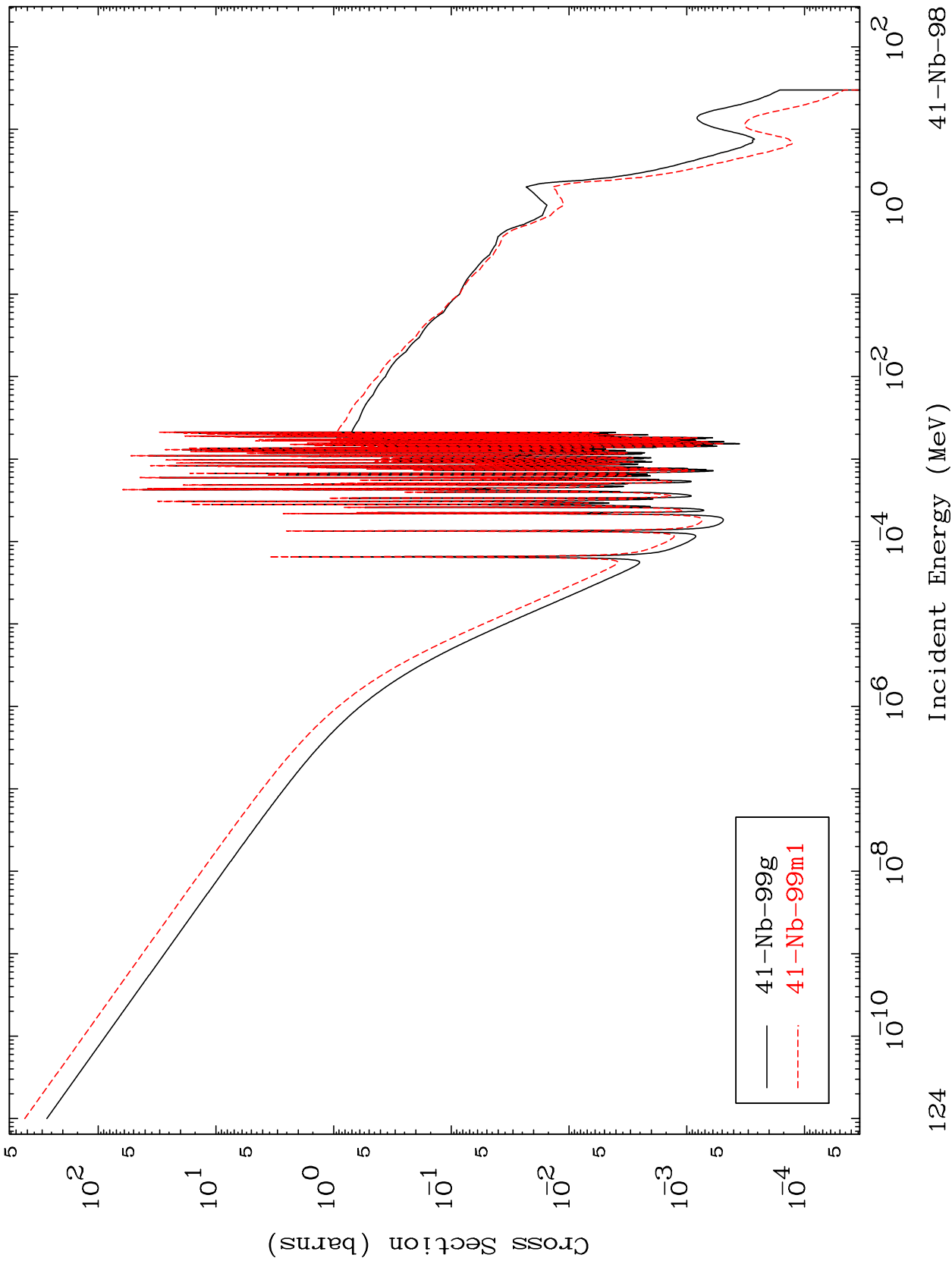
Incident Energy (MeV)

41-Nb-98

MAT 4140

41-Nb-98

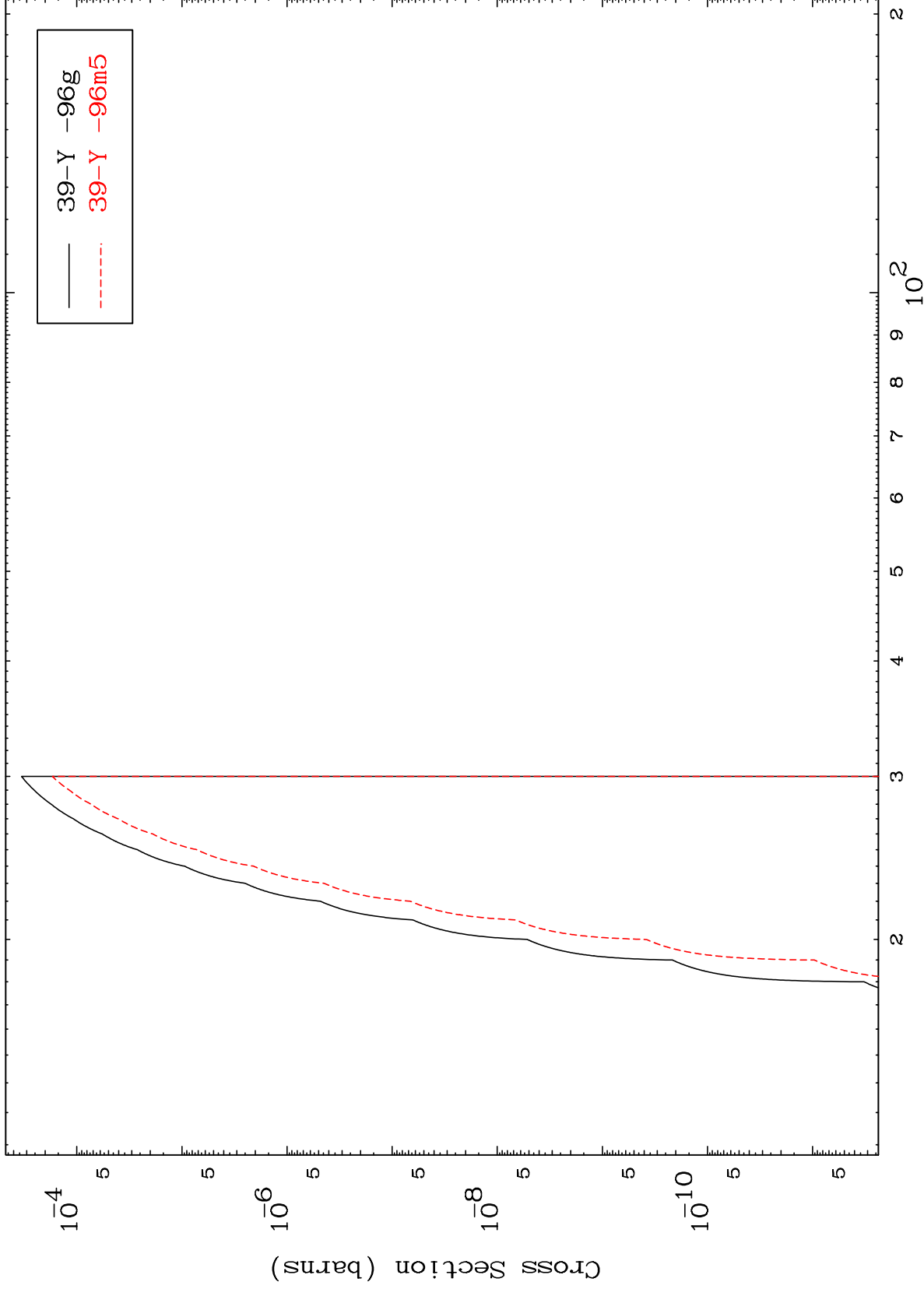
(n, γ)
Radionuclide Production Cross Section



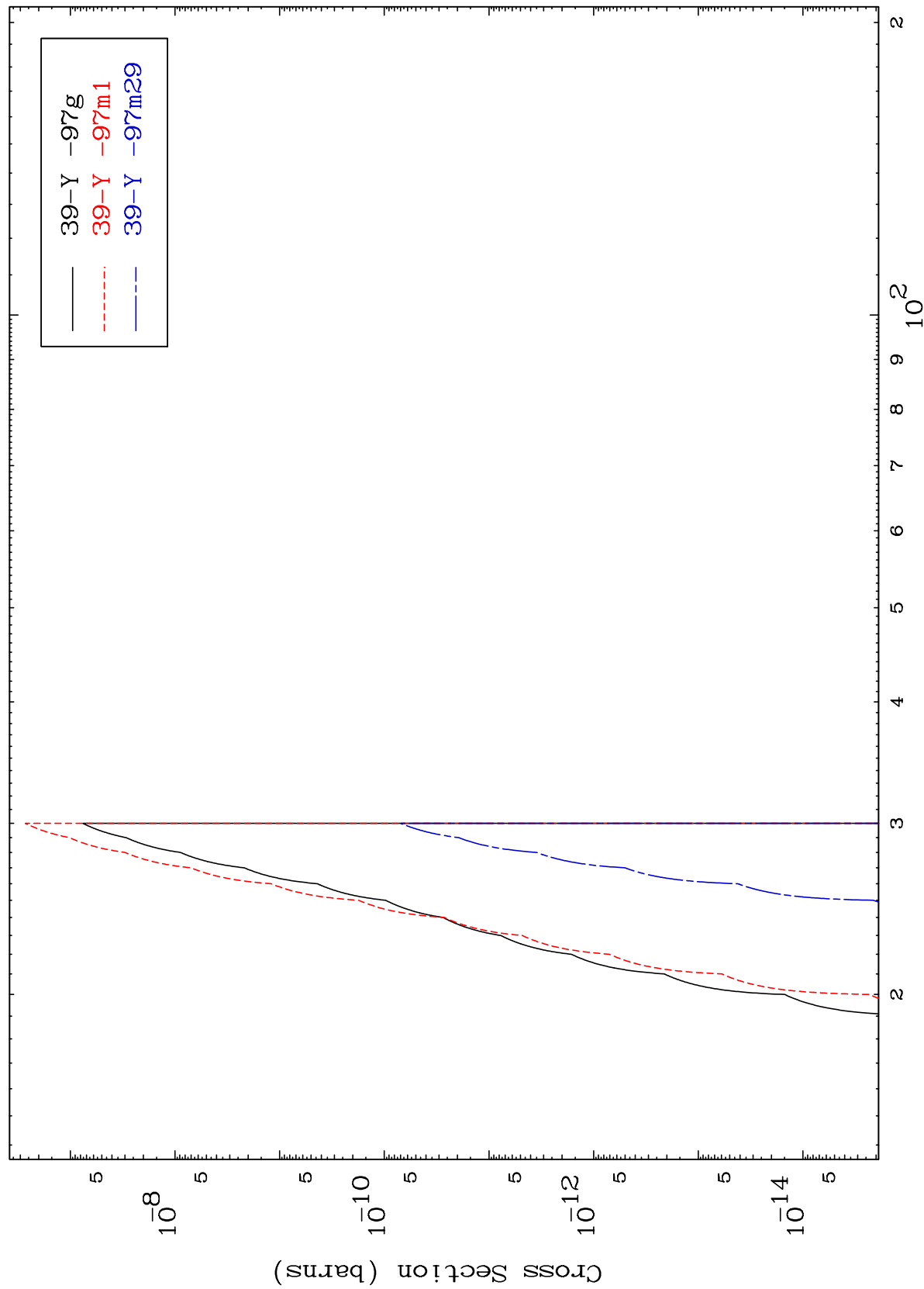
124

41-Nb-98

Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

