

Program EVALPLOT
(Version 2018-1)

by

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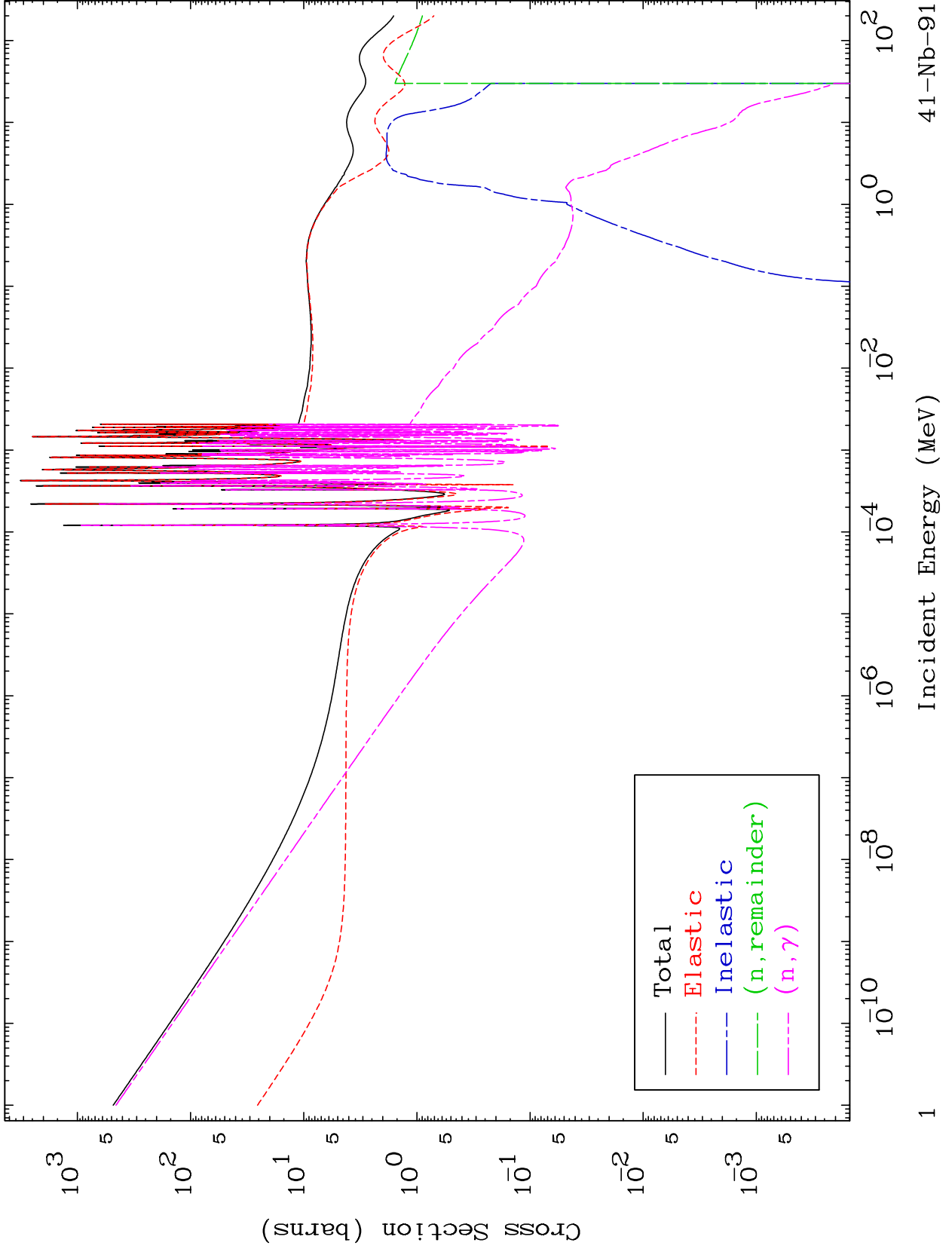
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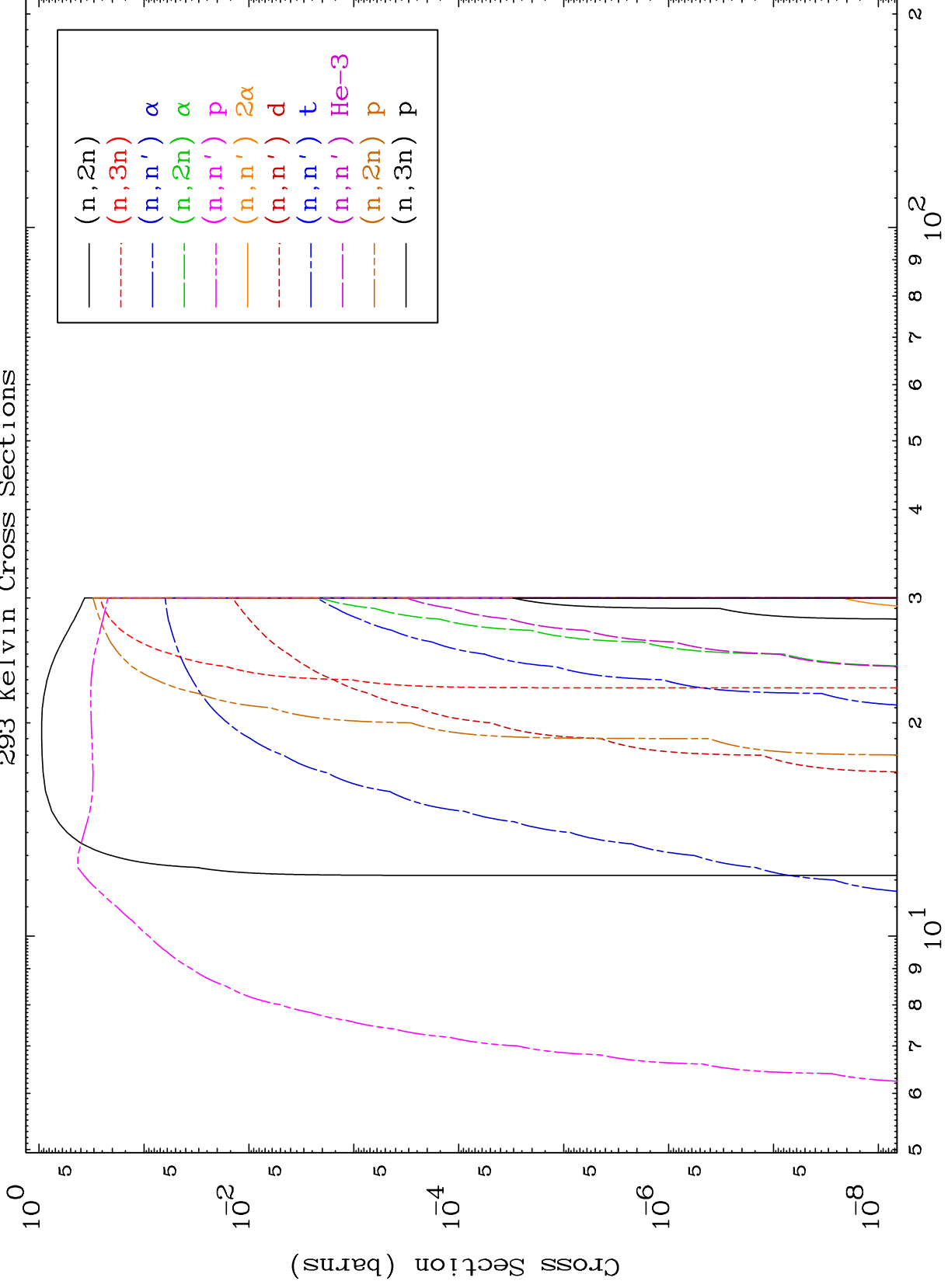
Press Mouse Button to Start

MAT 4119

Major
293 Kelvin Cross Sections

41-Nb-91

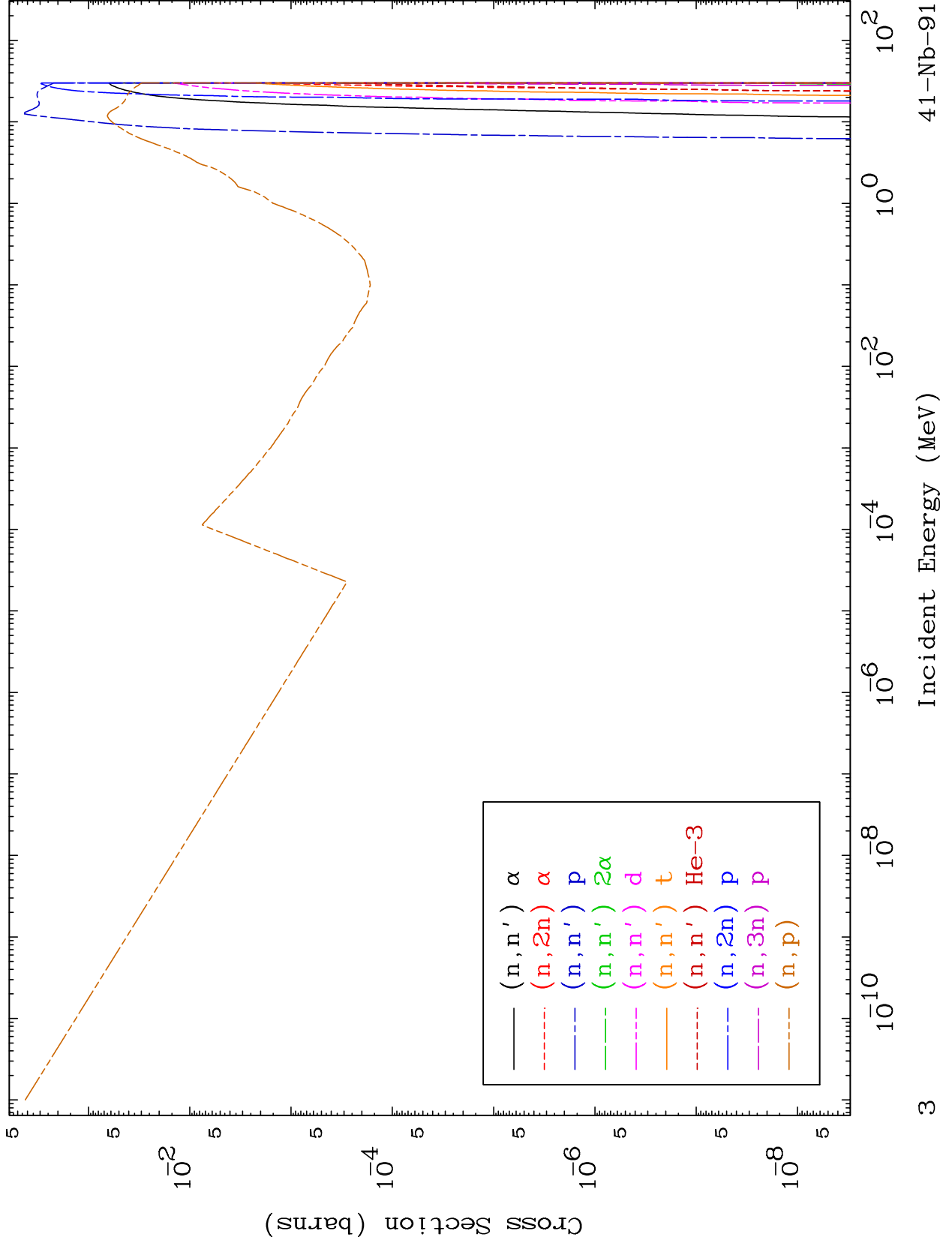




MAT 4119

Charged Particle
293 Kelvin Cross Sections

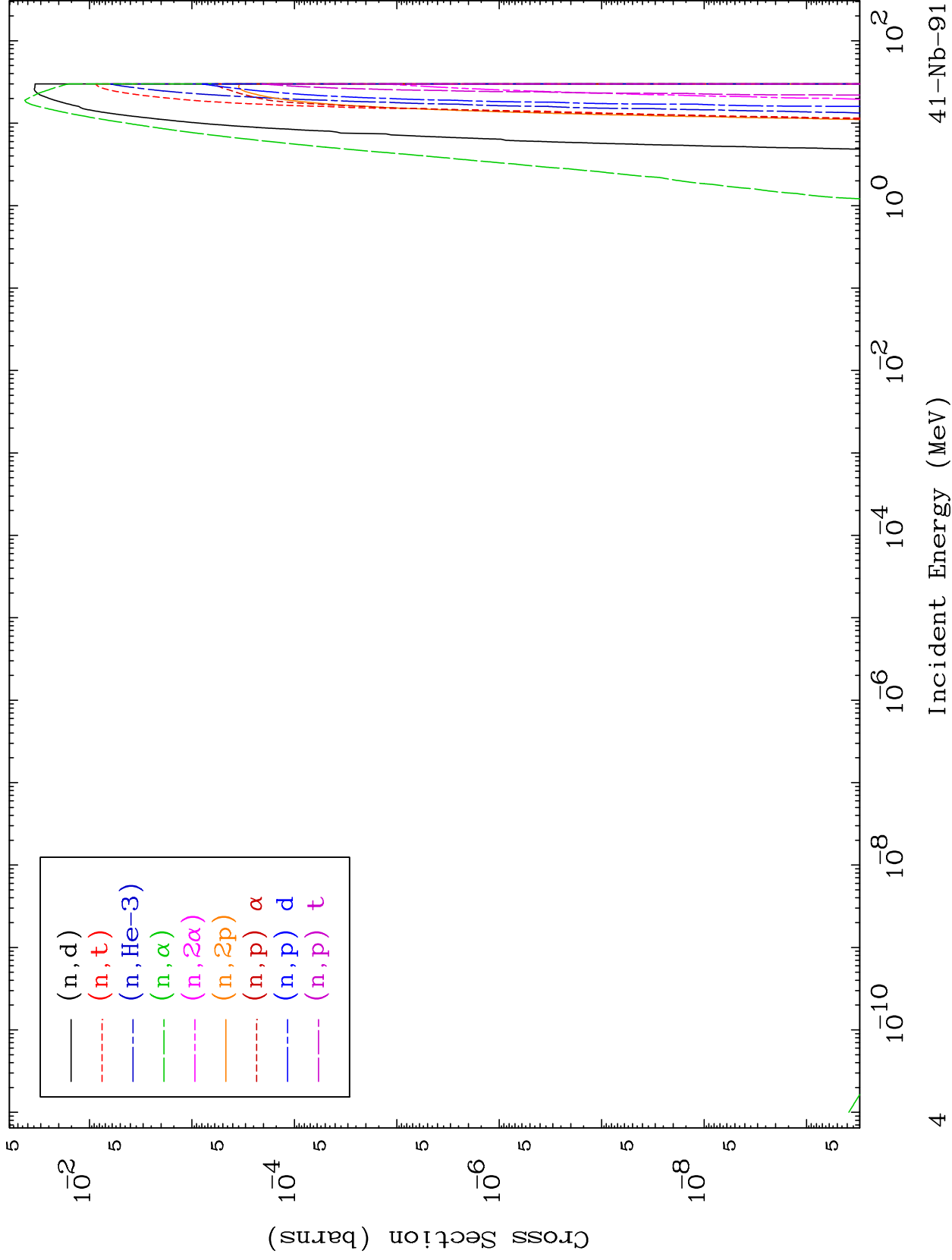
41-Nb-91



MAT 4119

Charged Particle
293 Kelvin Cross Sections

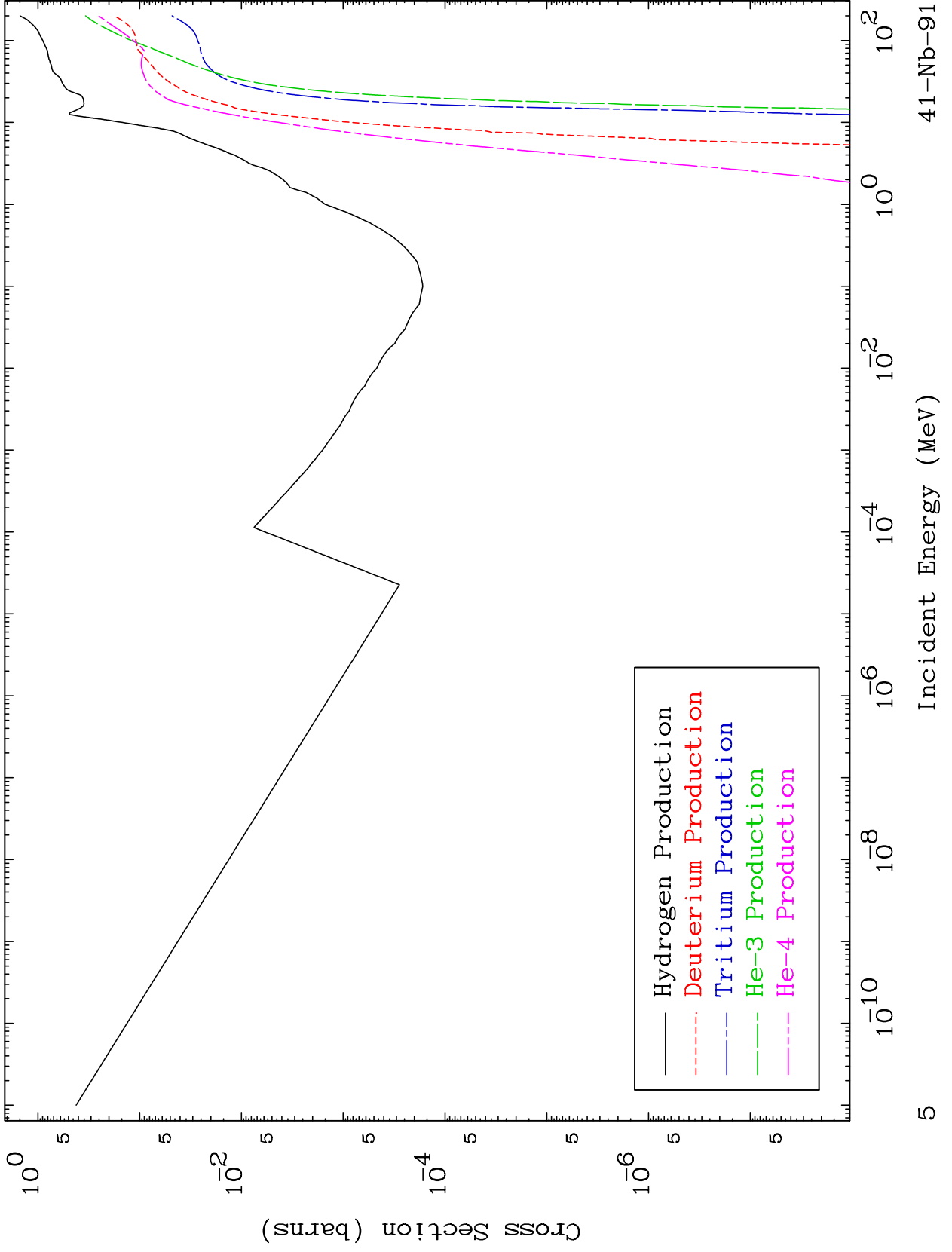
41-Nb-91



MAT 4119

Particle Production
293 Kelvin Cross Sections

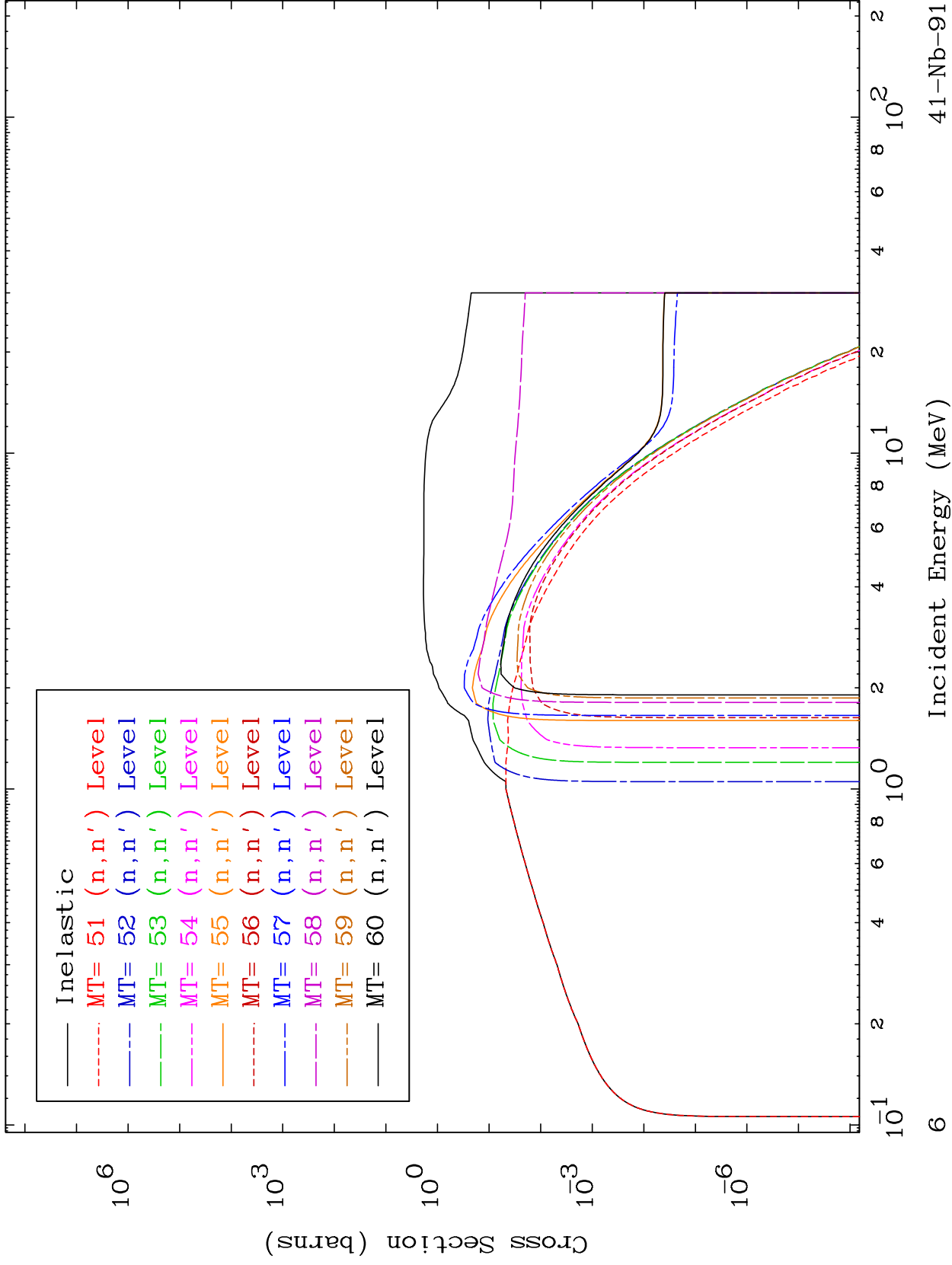
41-Nb-91



MAT 4119

(n,n') Level
293 Kelvin Cross Sections

41-Nb-91

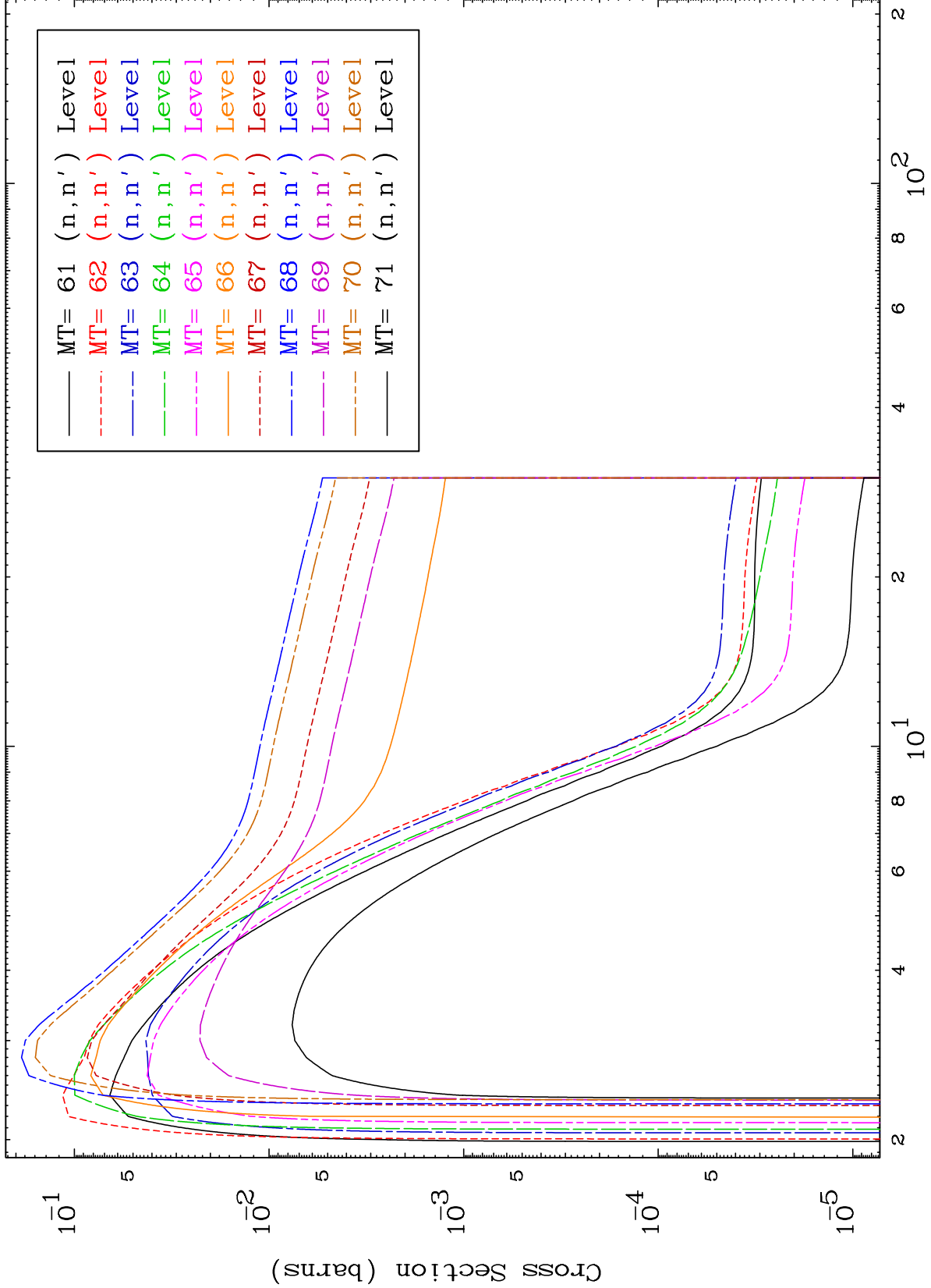


MAT 4119

(n,n') Level

41-Nb-91

293 Kelvin Cross Sections

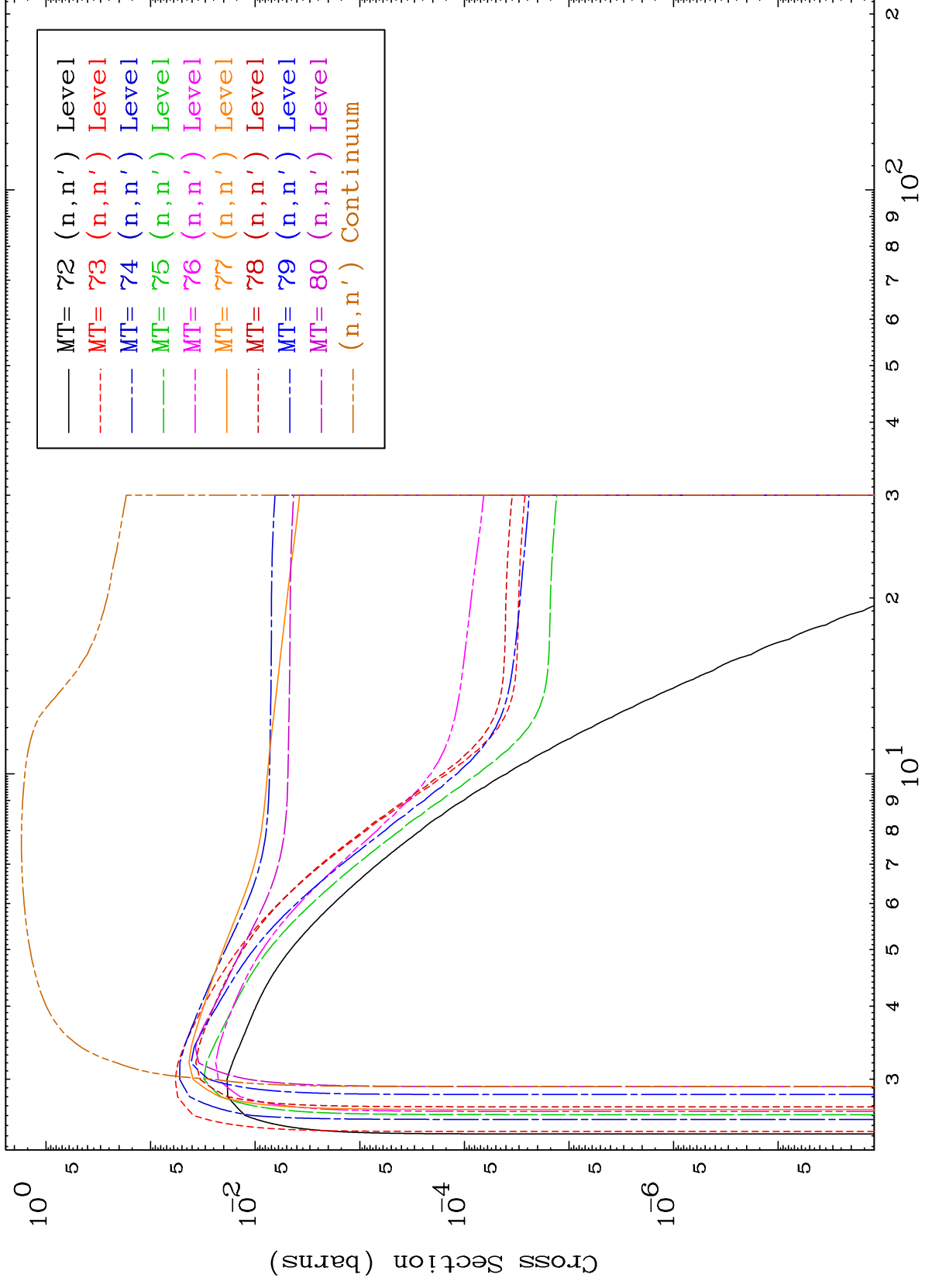


7

Incident Energy (MeV)

41-Nb-91

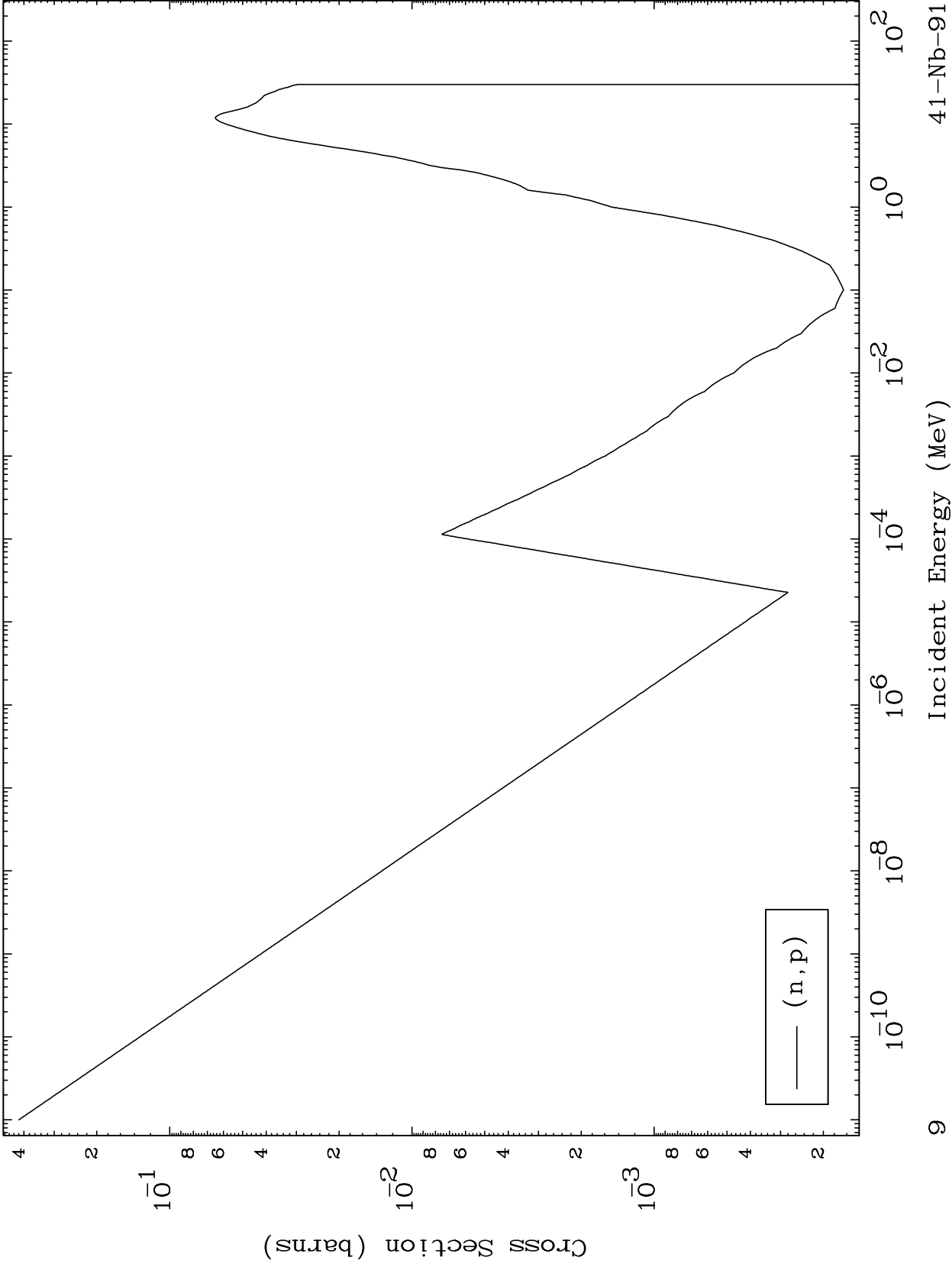
293 Kelvin Cross Sections



MAT 4119

(n,p) Levels
293 Kelvin Cross Sections

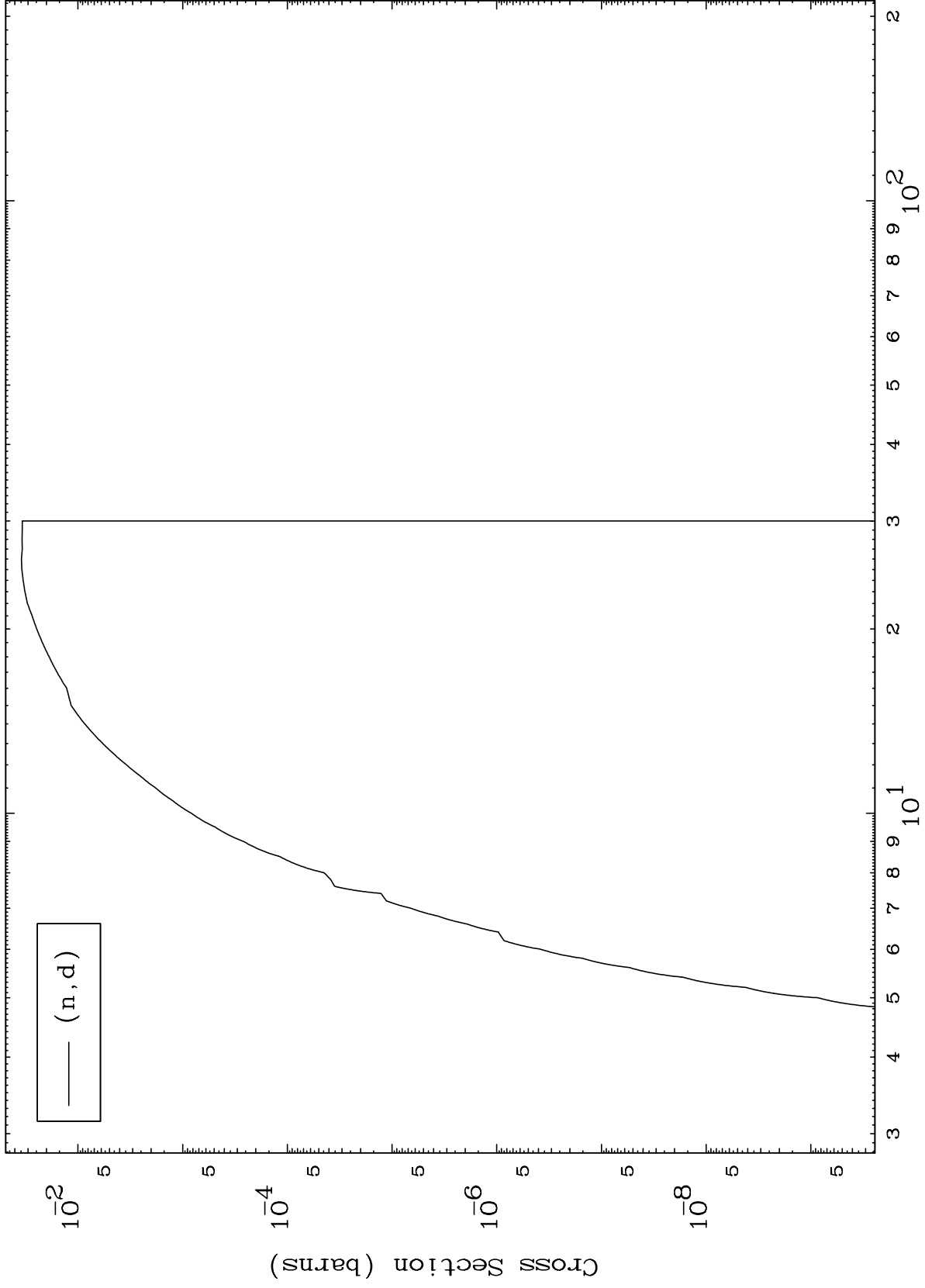
41-Nb-91



MAT 4119

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-91



10

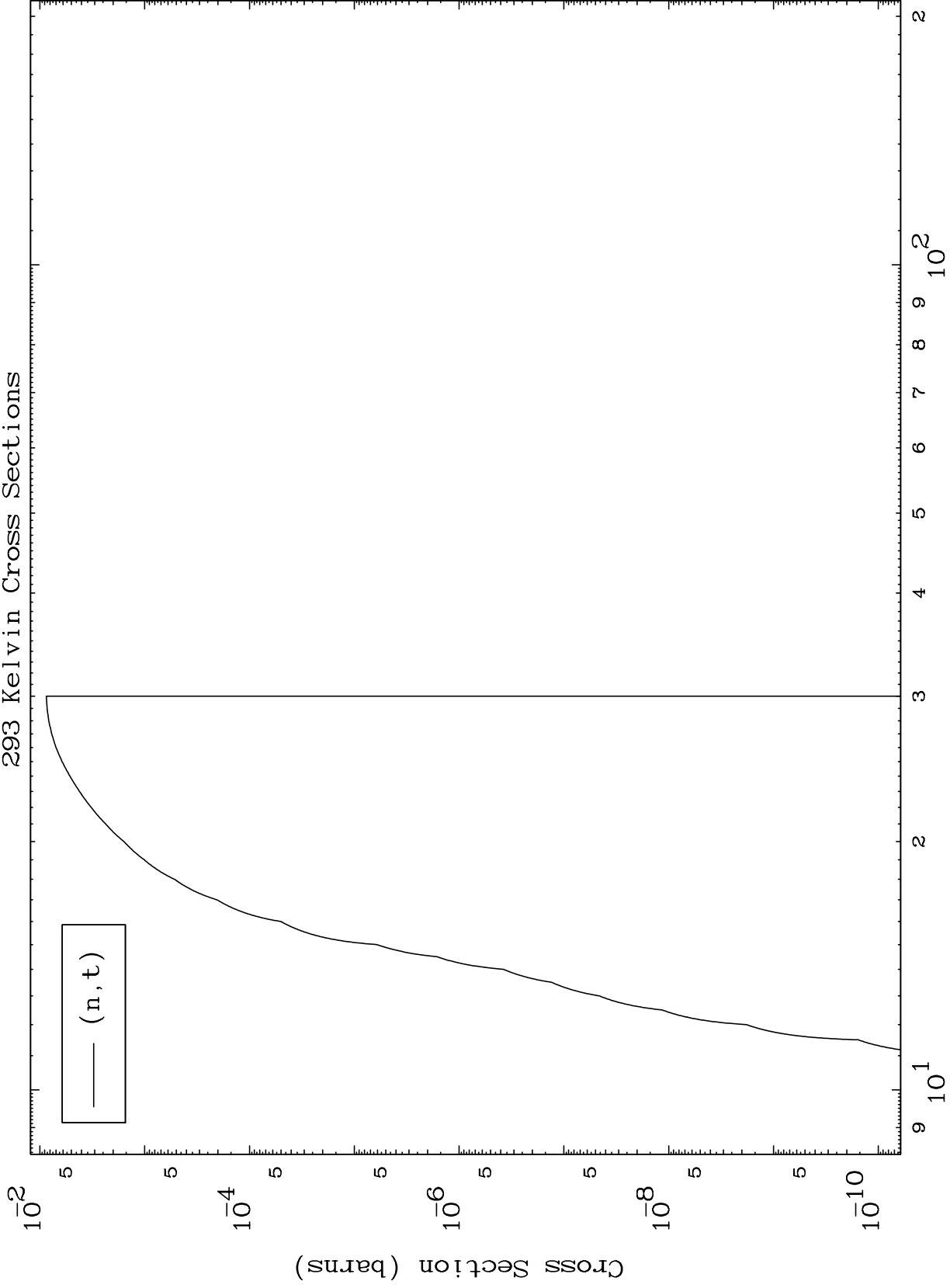
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-91



11

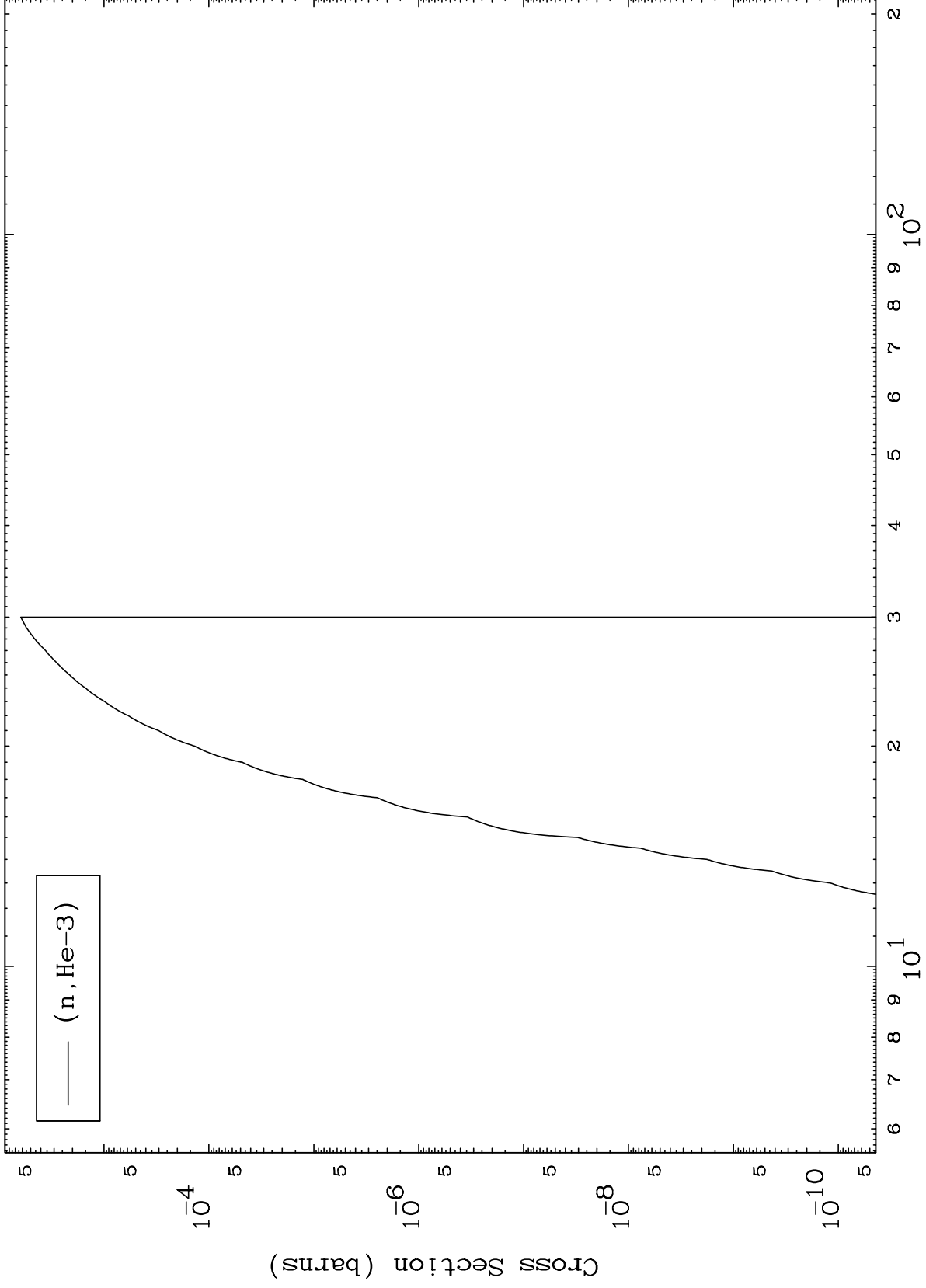
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-91



12

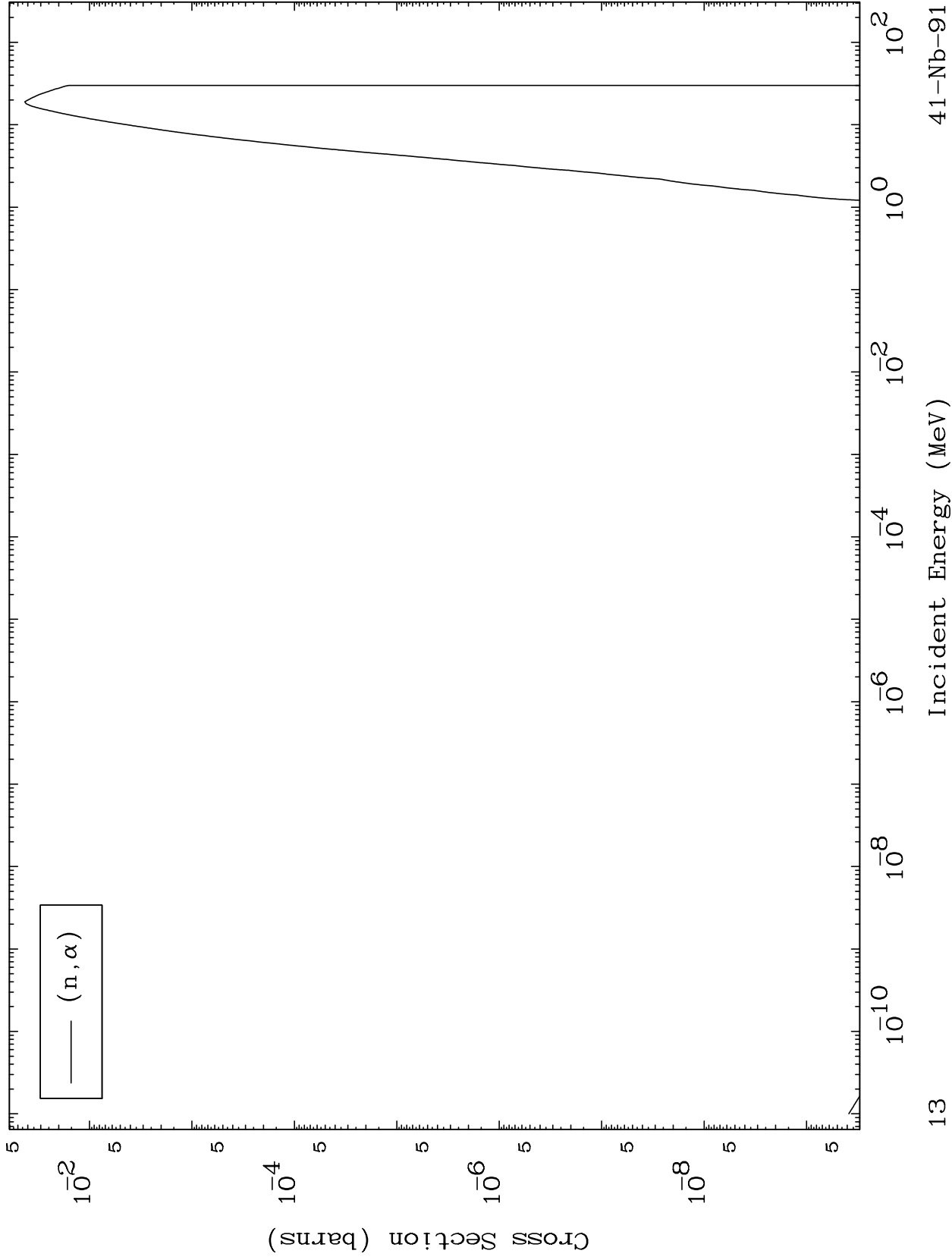
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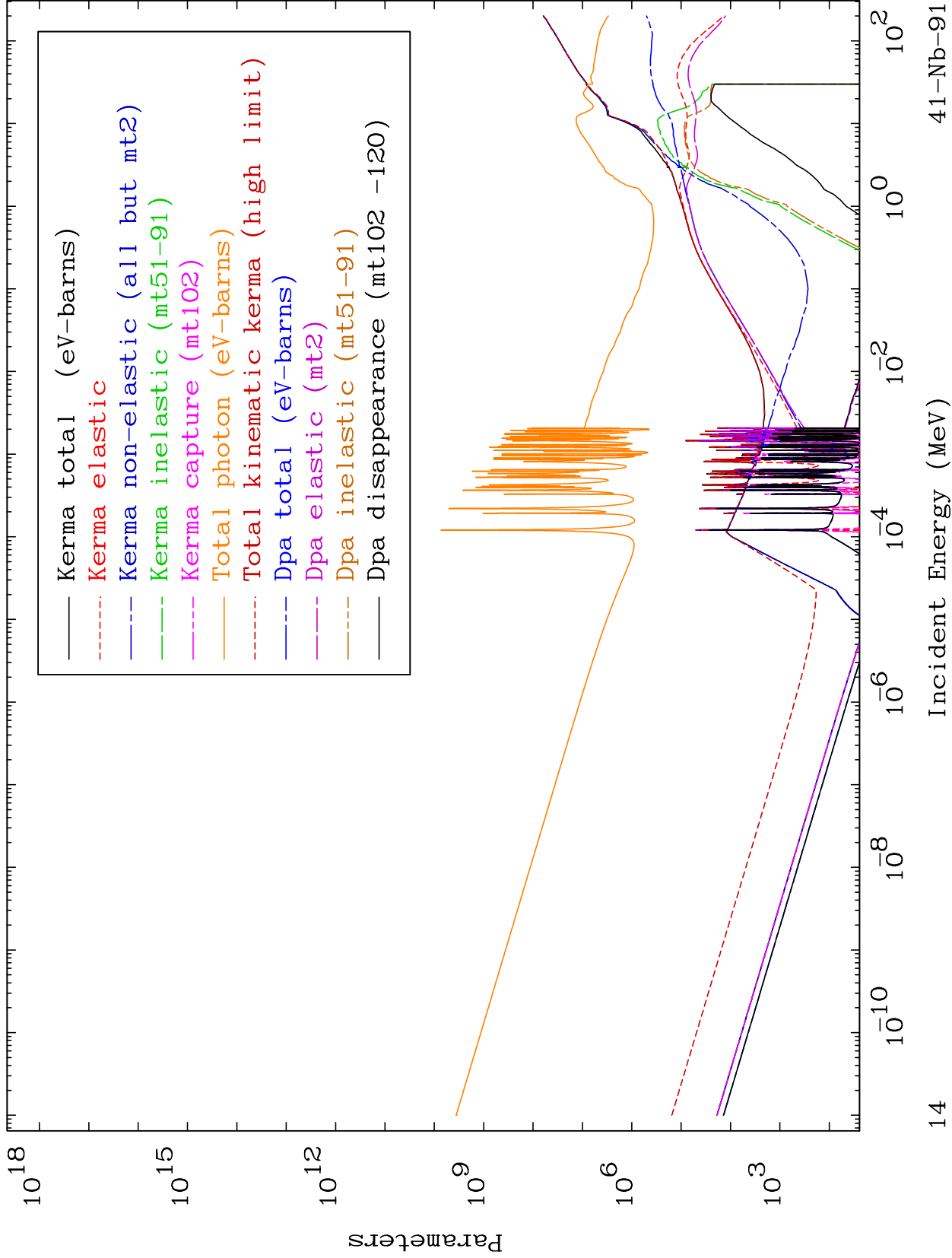
41-Nb-91

MAT 4119

(n, α) Levels
293 Kelvin Cross Sections

41-Nb-91

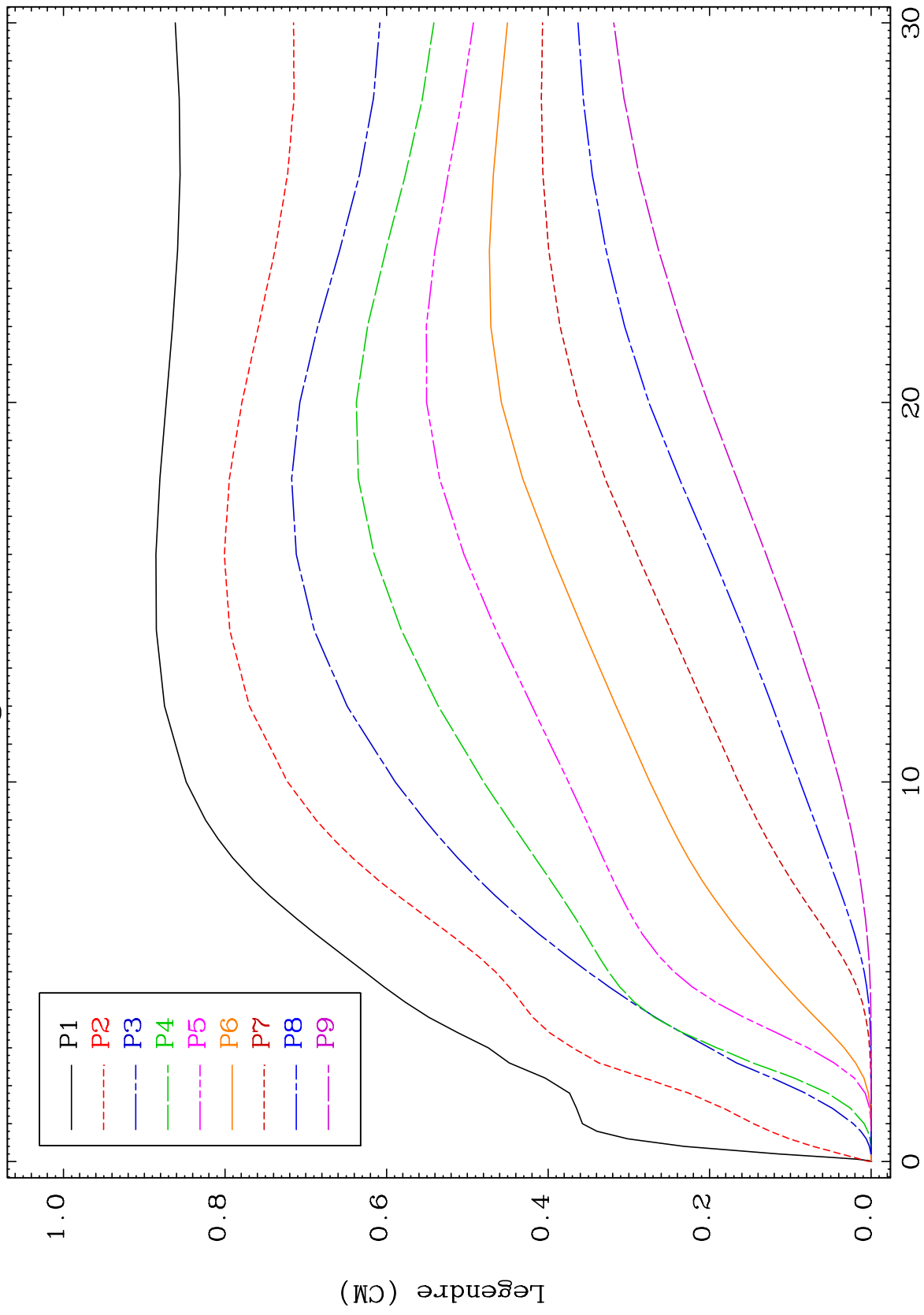




MAT 4119

Elastic Legendre Coefficients

41-Nb-91



15

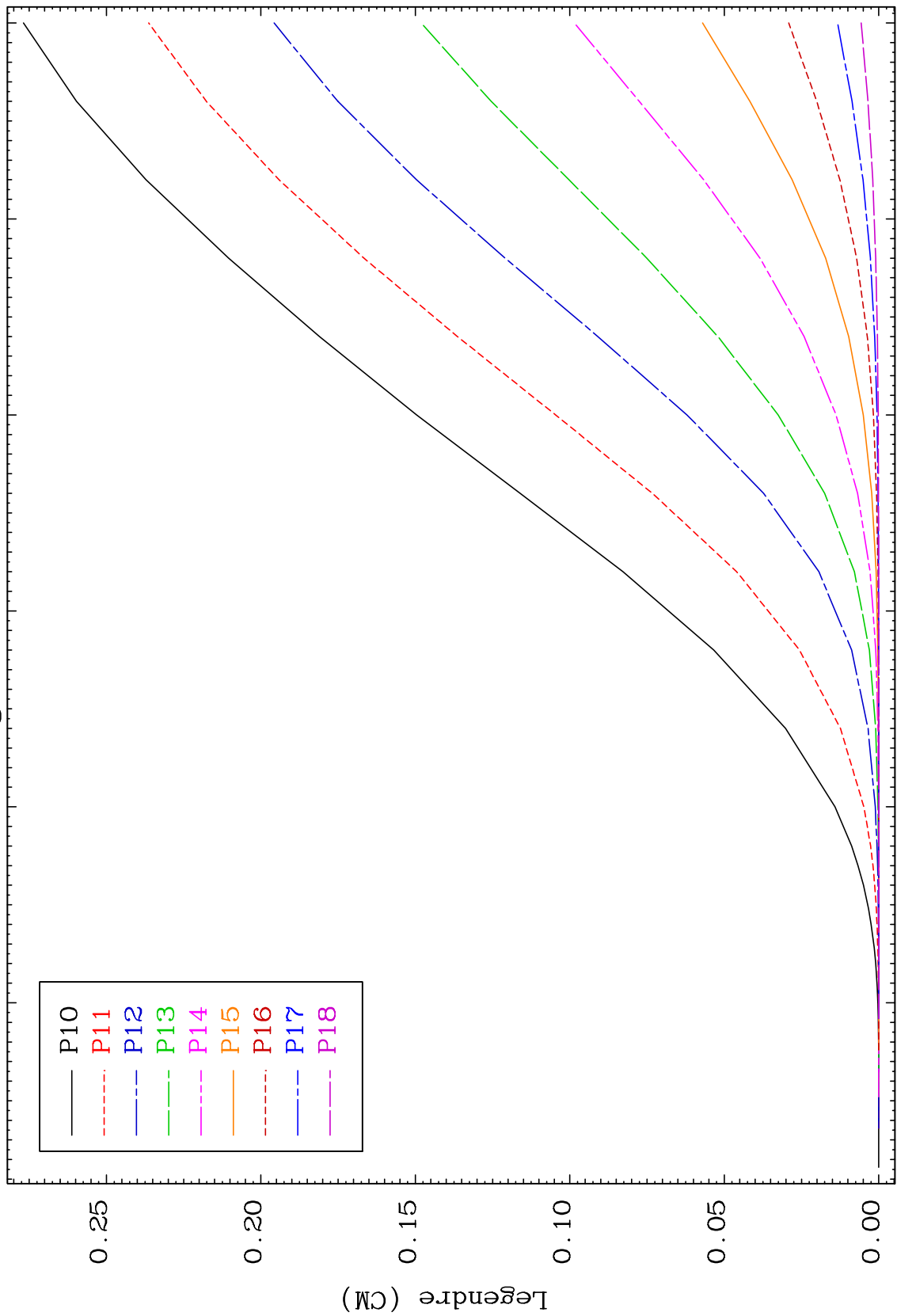
Incident Energy (MeV)

41-Nb-91

MAT 4119

Elastic
Legendre Coefficients

41-Nb-91



16

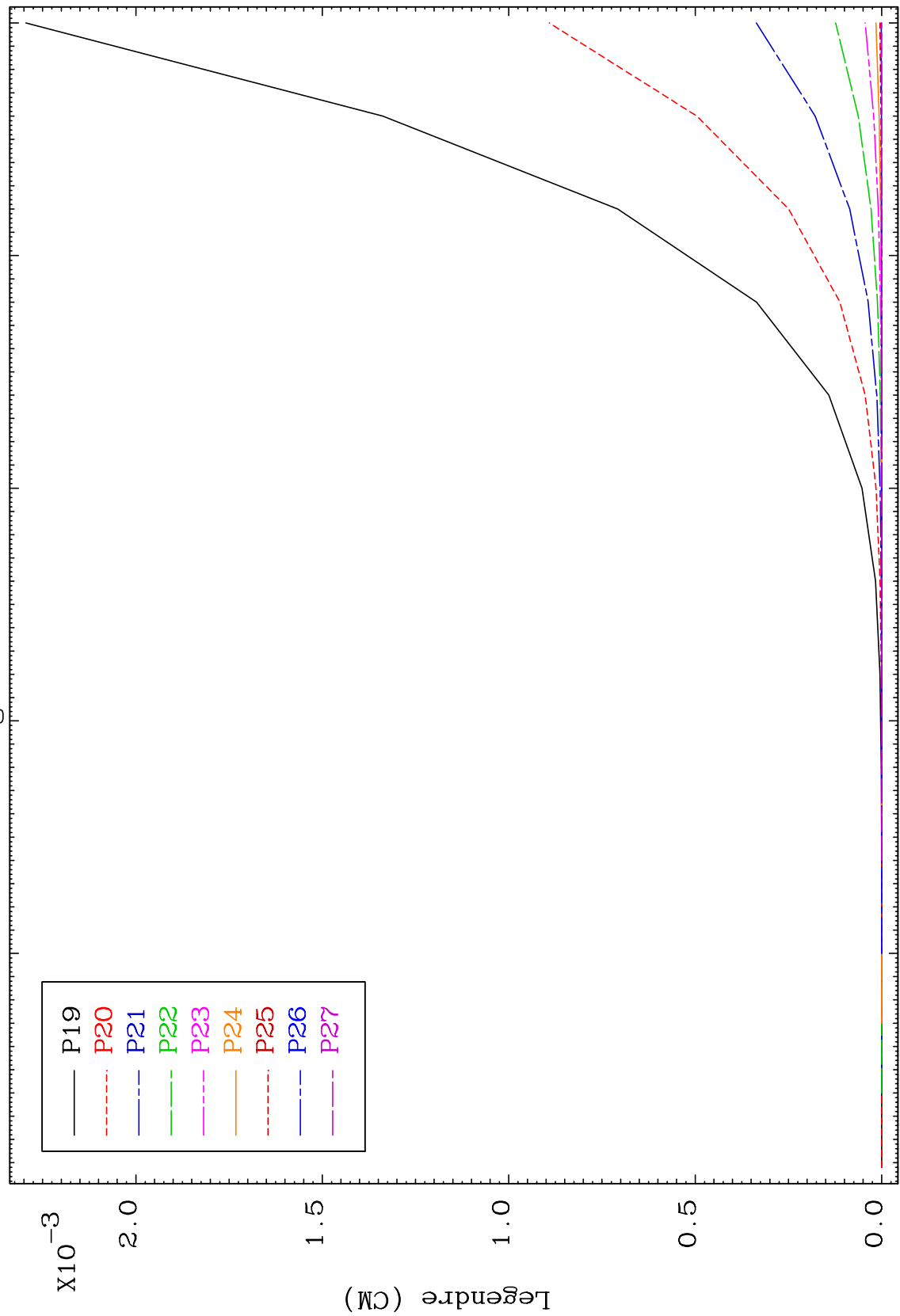
Incident Energy (MeV)

41-Nb-91

MAT 4119

Elastic Legendre Coefficients

41-Nb-91



17

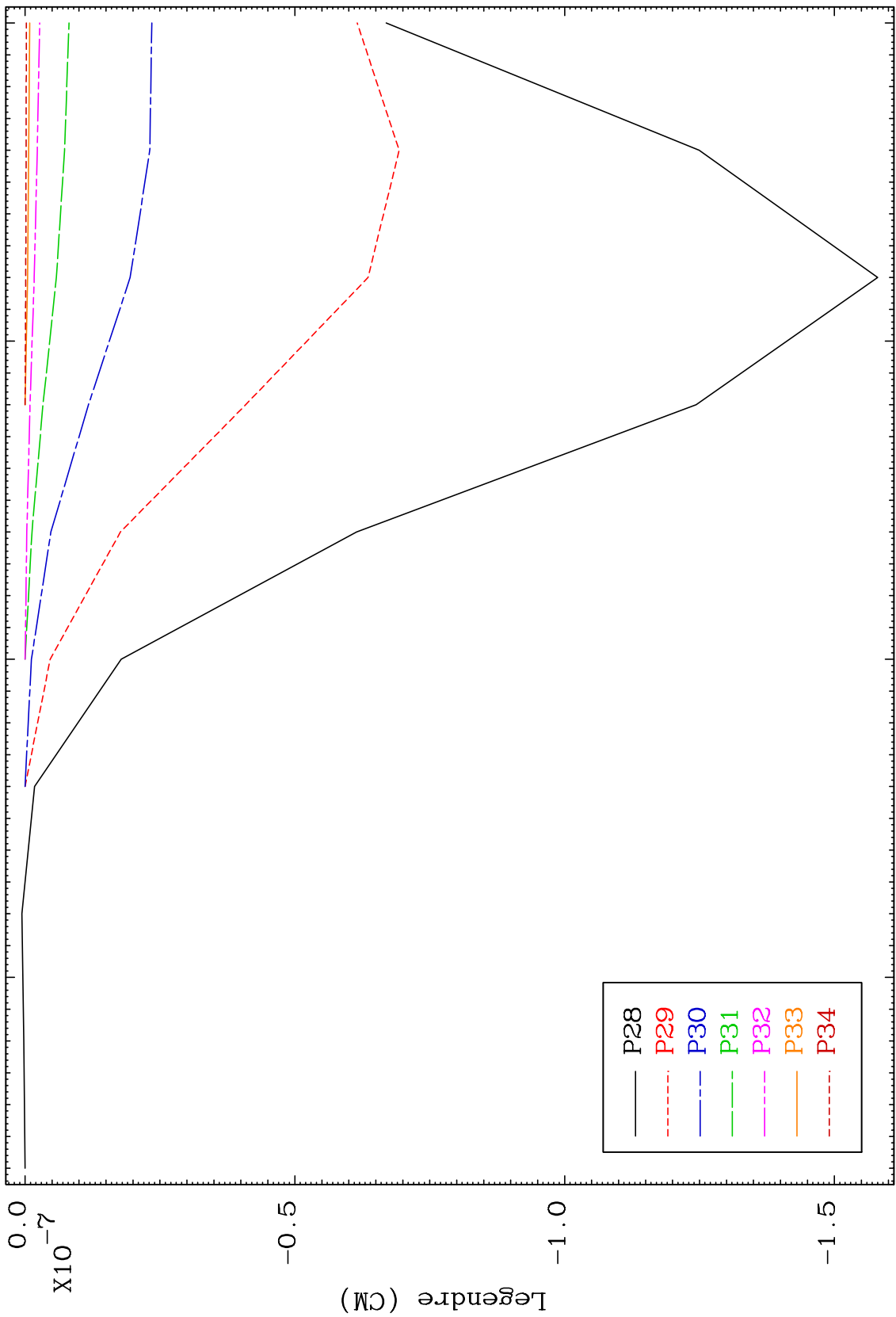
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

Elastic Legendre Coefficients



18

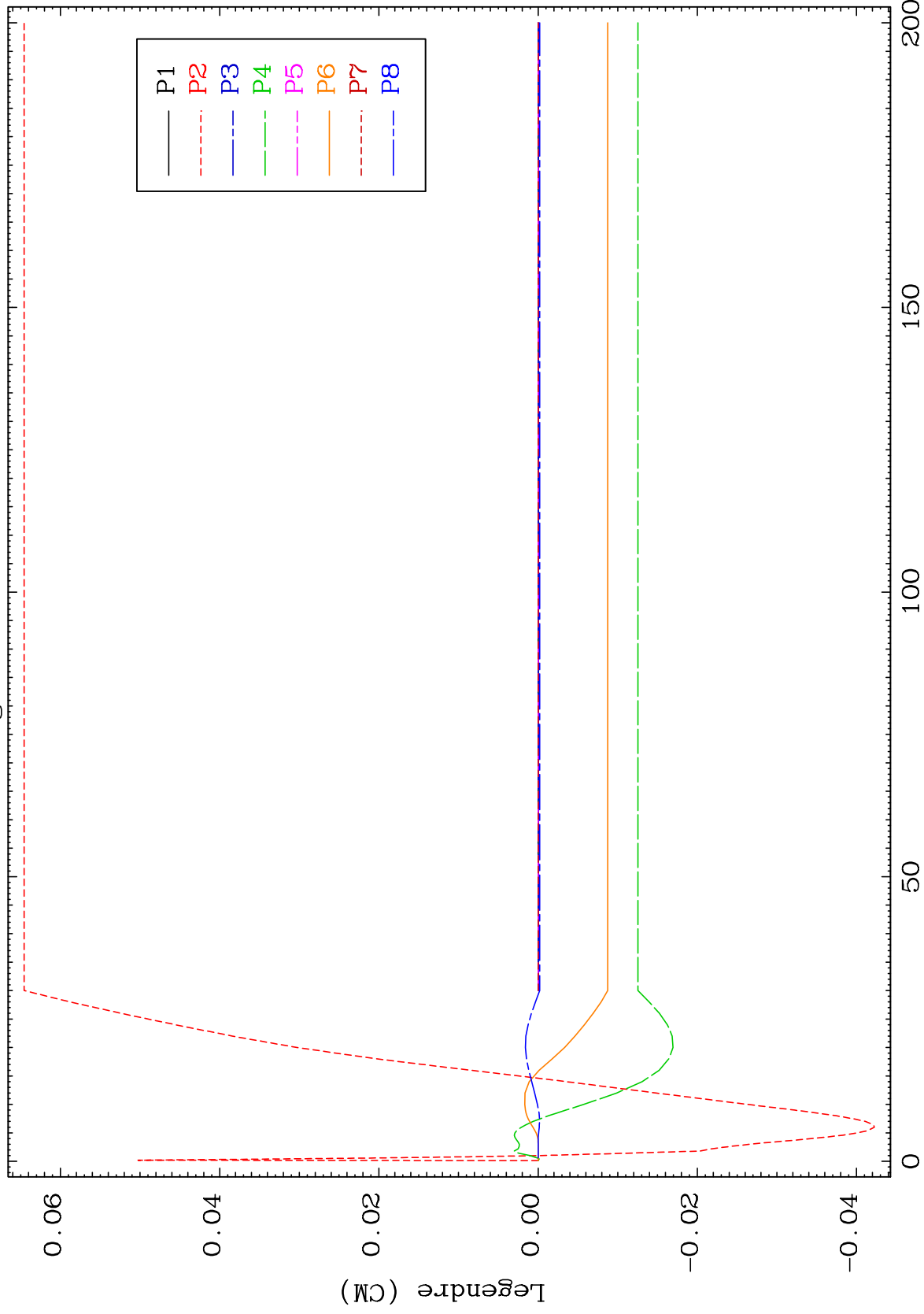
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

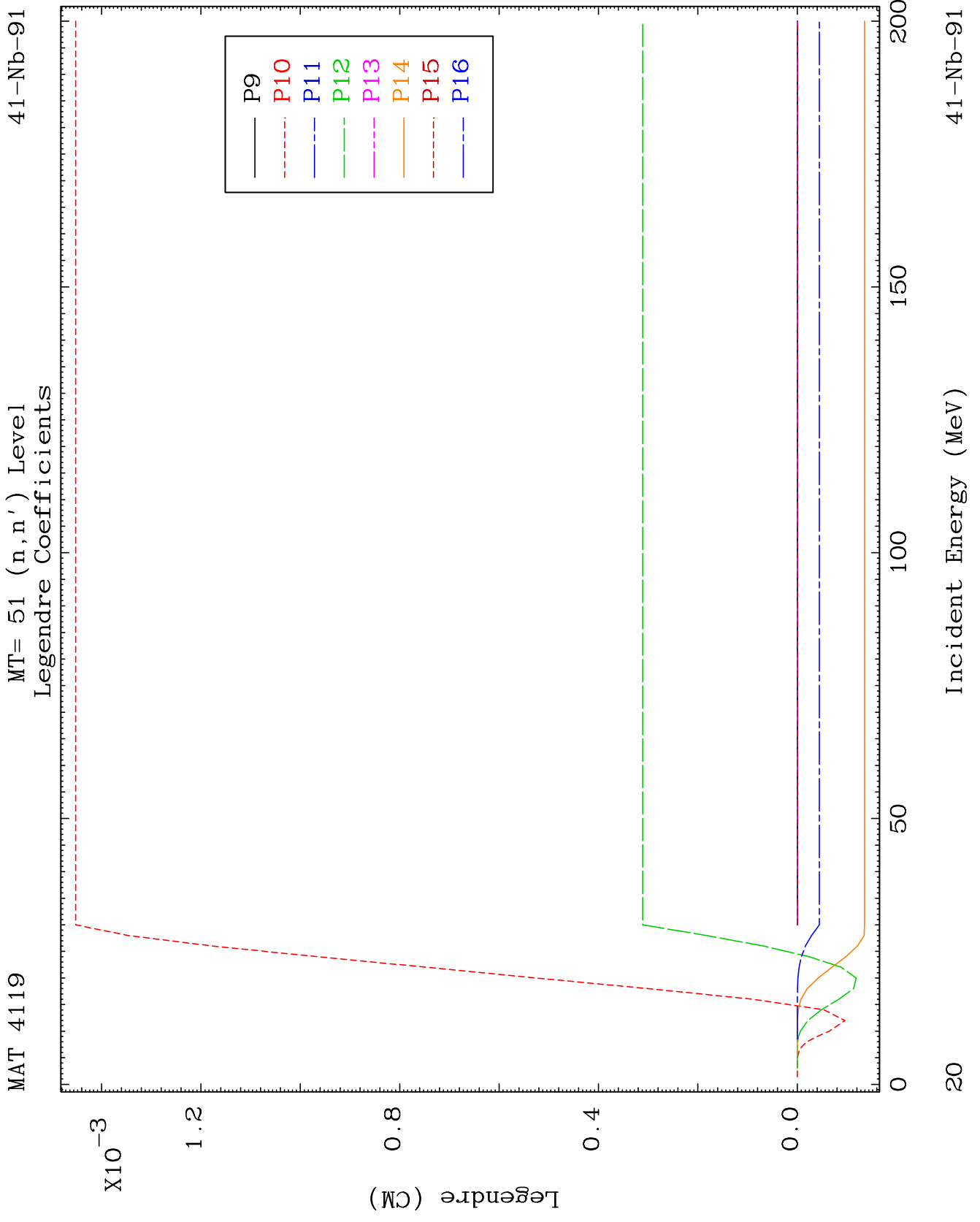
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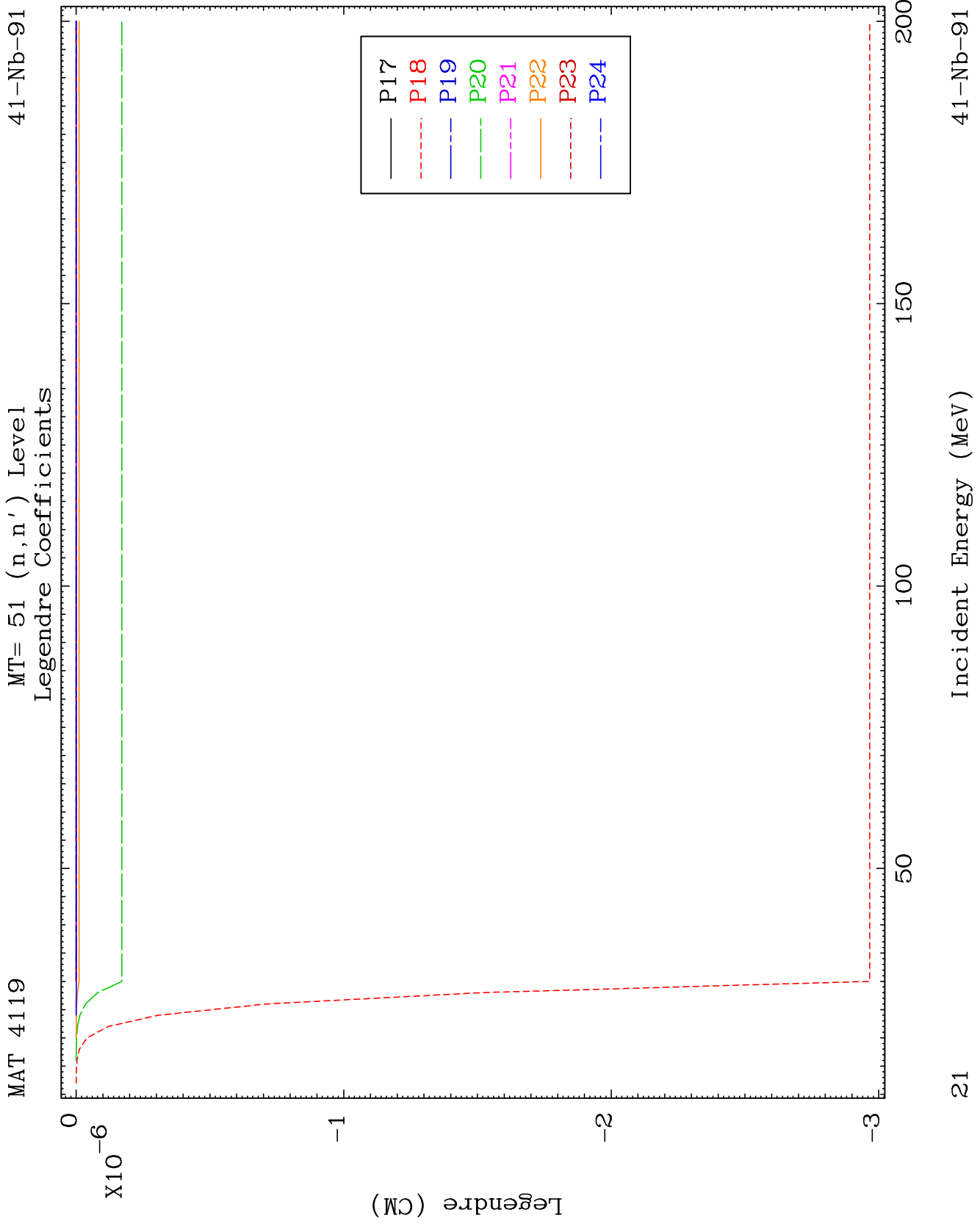


19

Incident Energy (MeV)

41-Nb-91

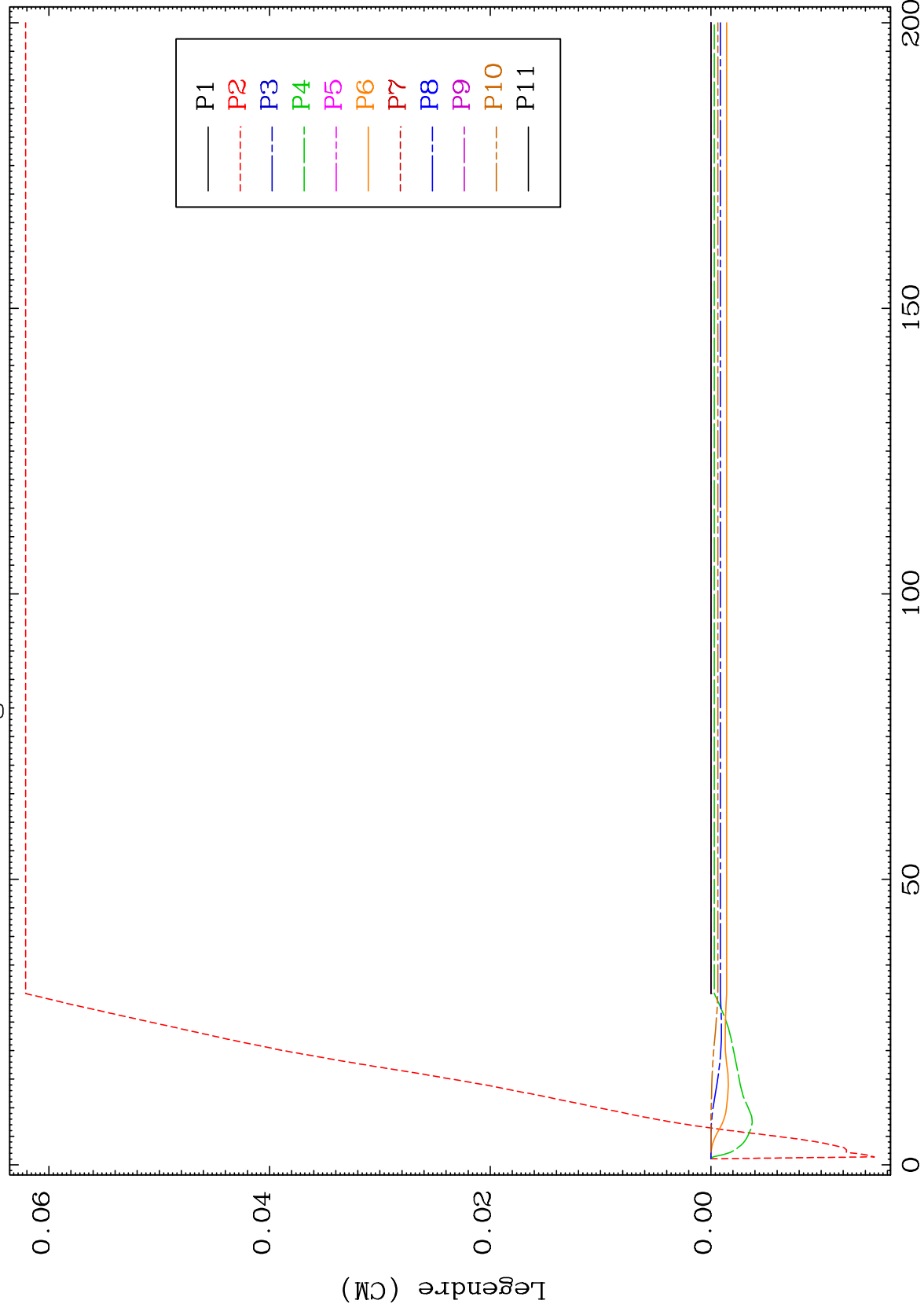




MAT 4119

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

41-Nb-91



22

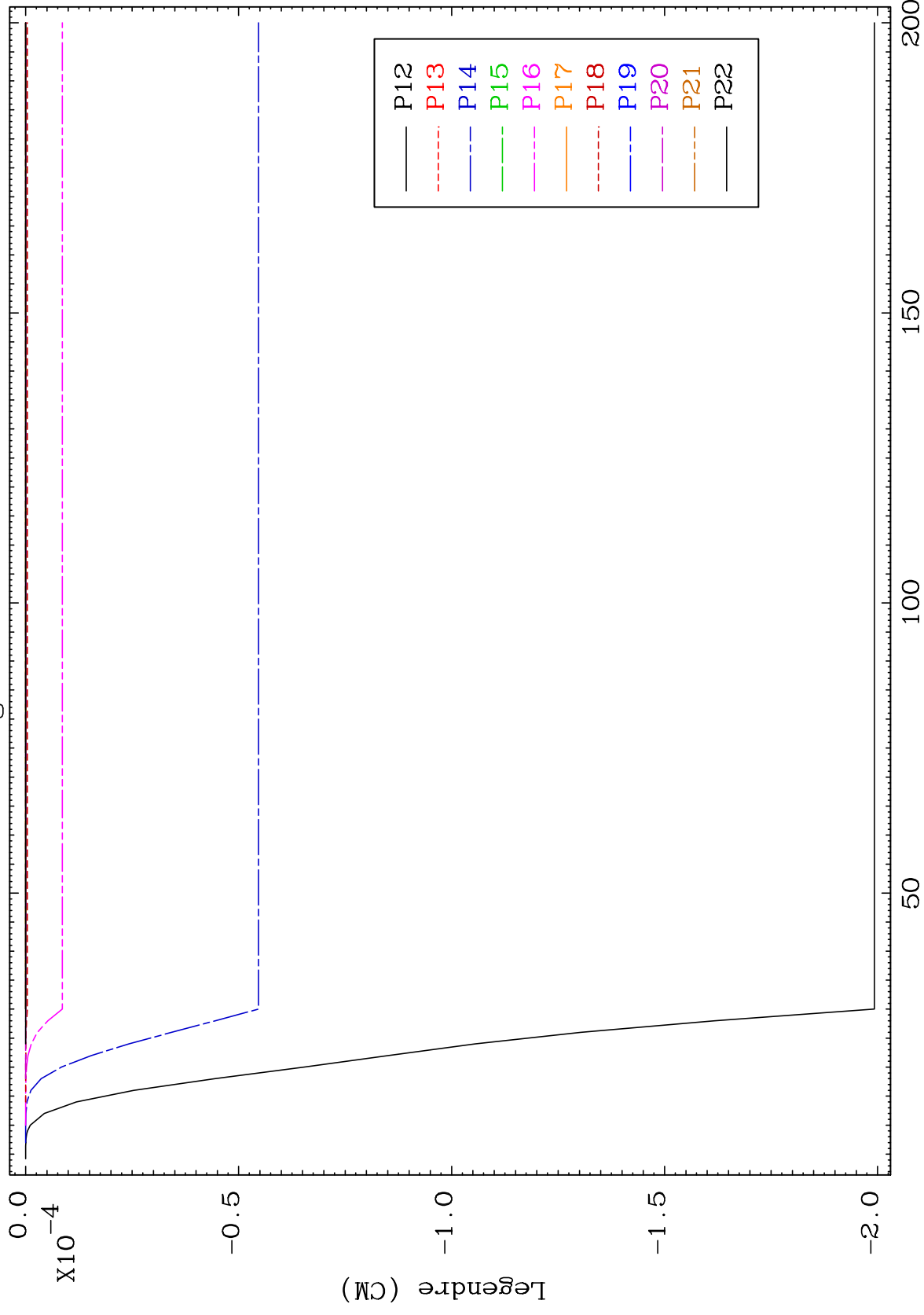
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

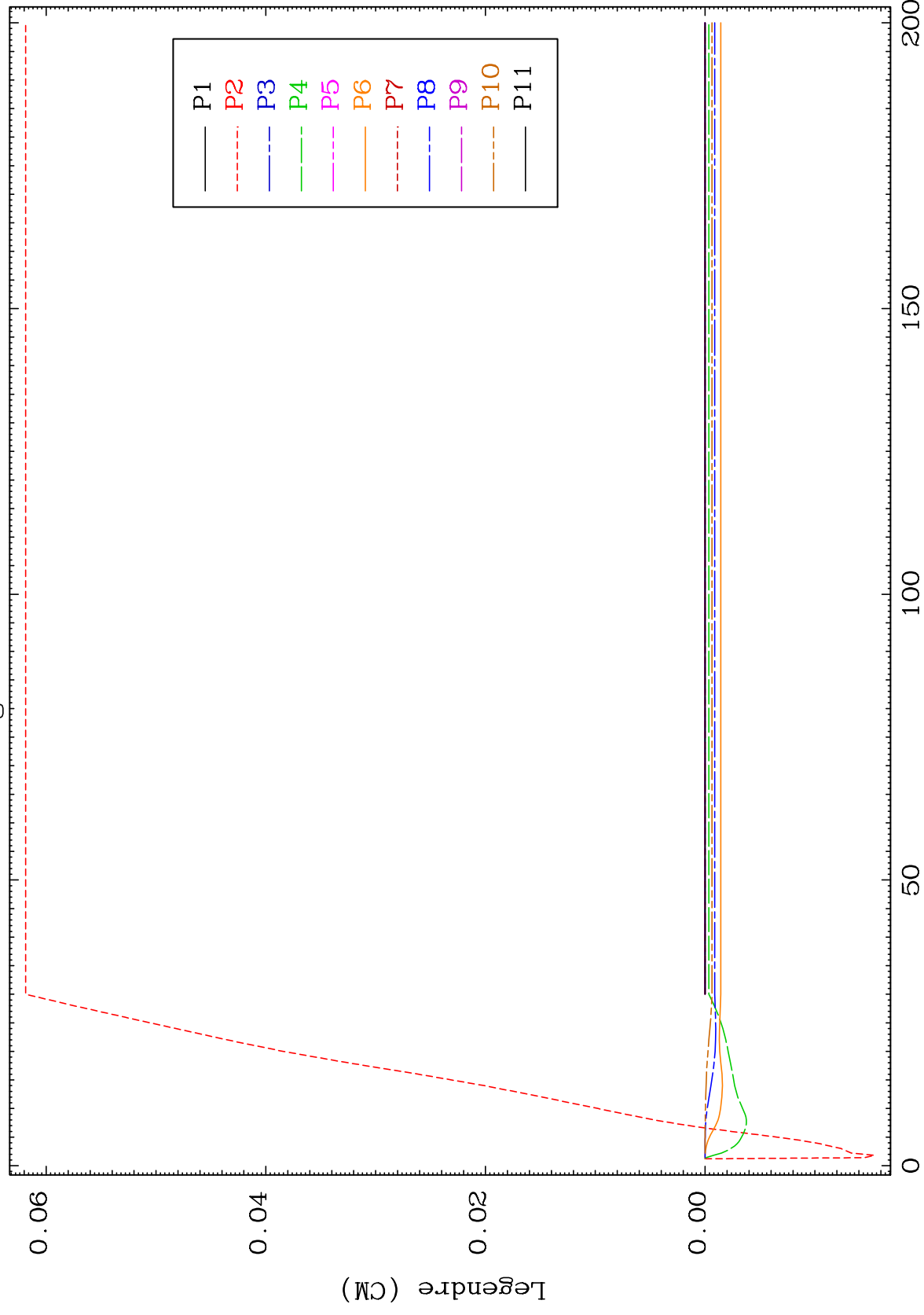
41-Nb-91



MAT 4119

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

41-Nb-91



24

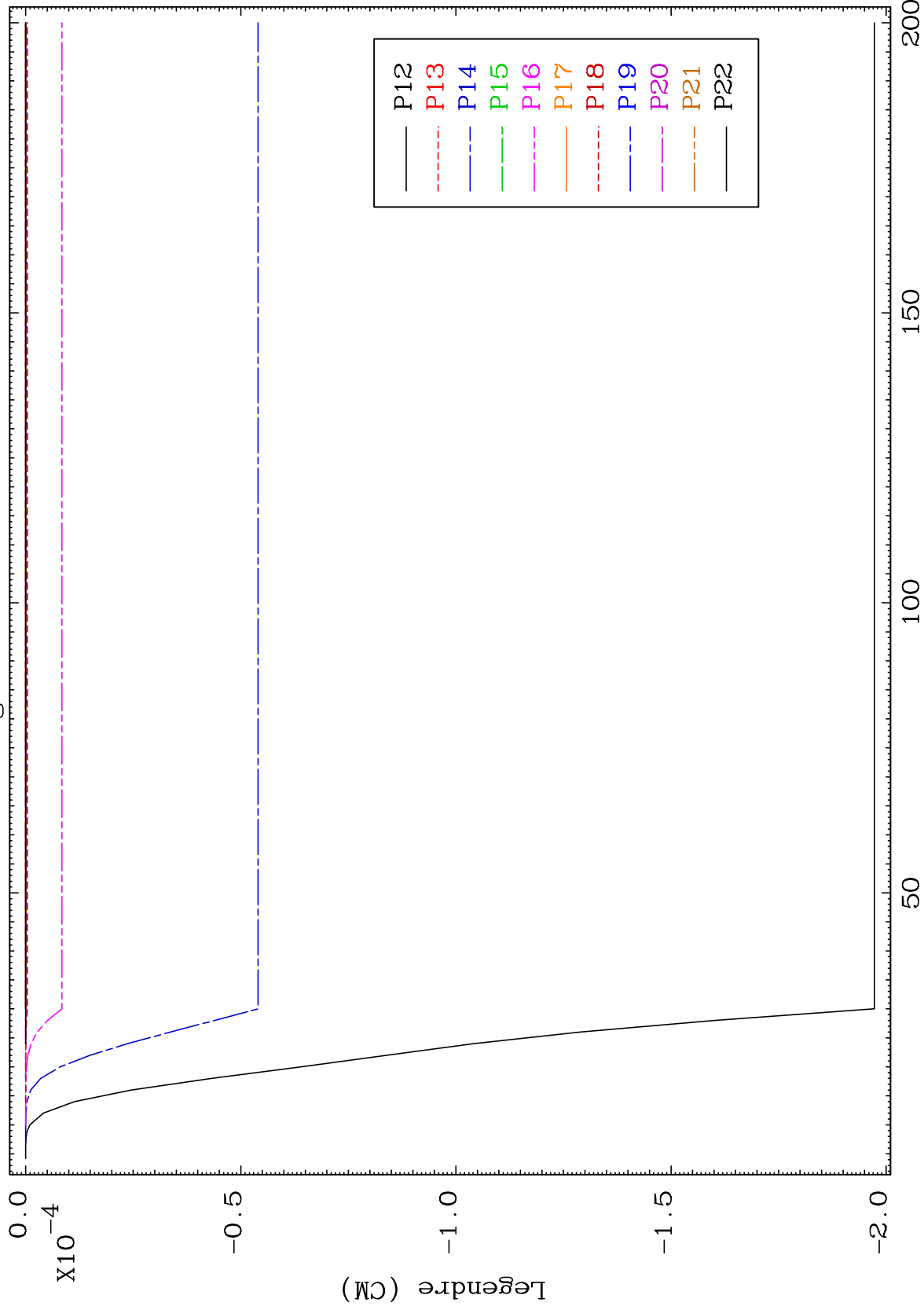
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



25

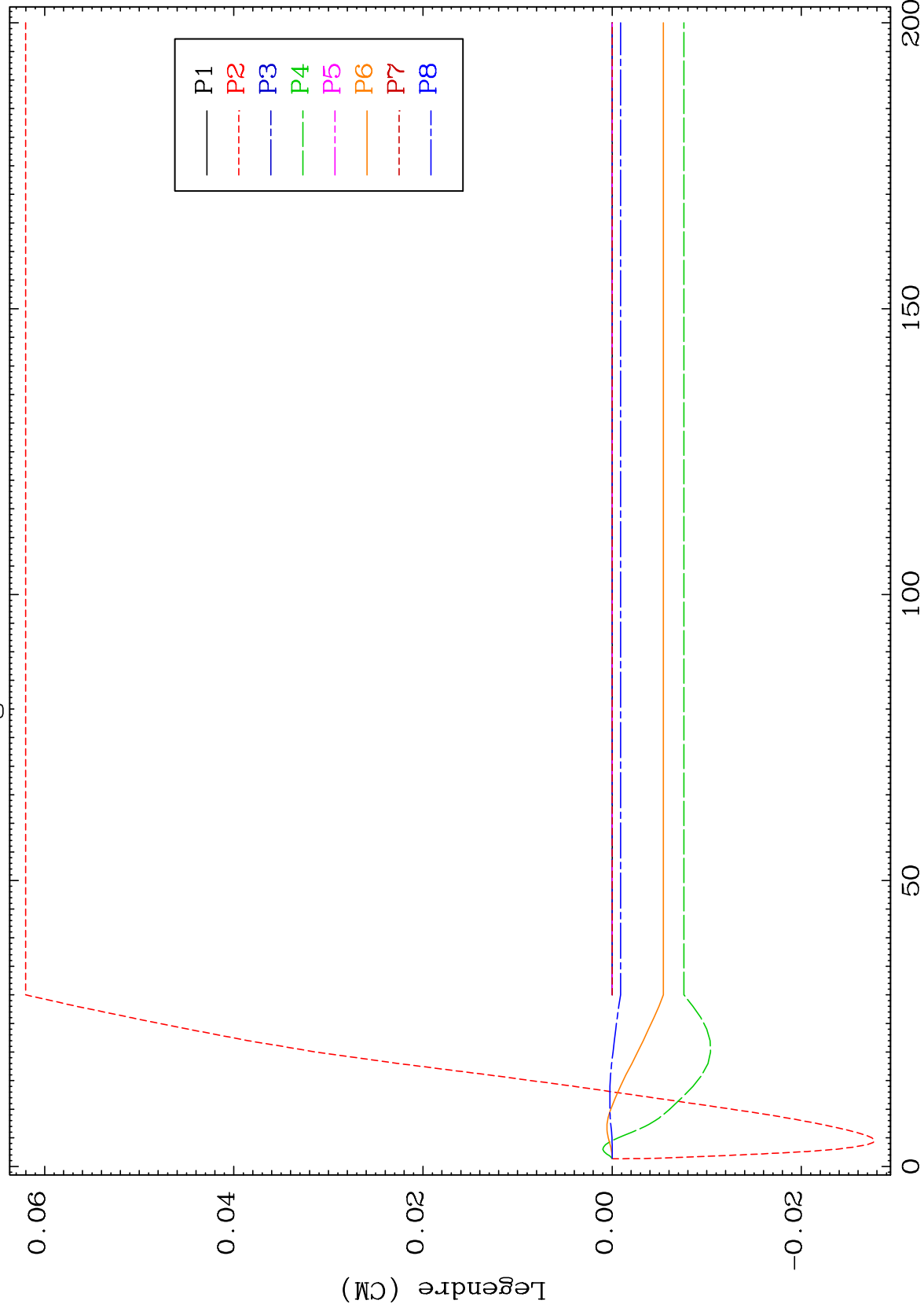
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



26

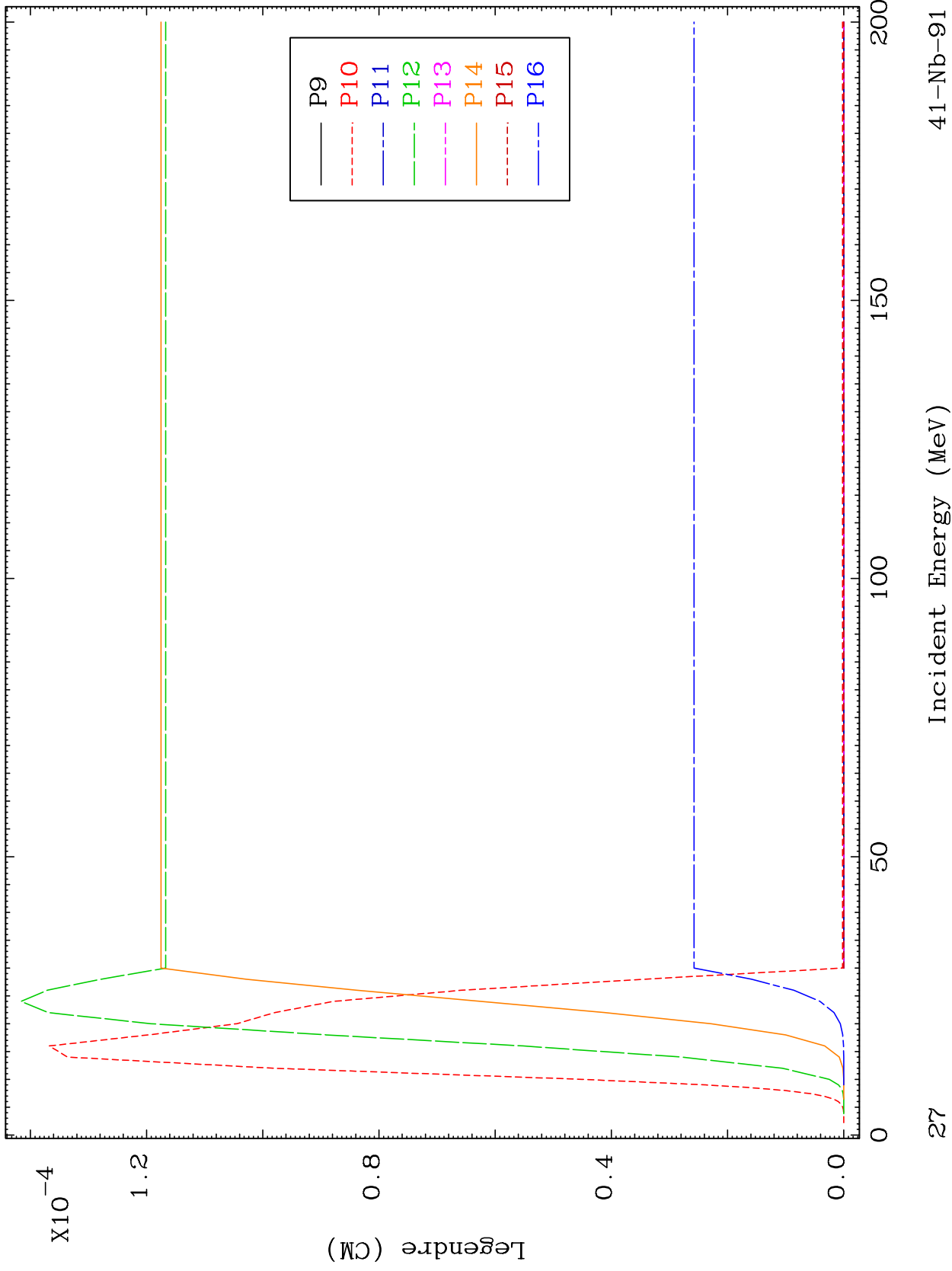
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

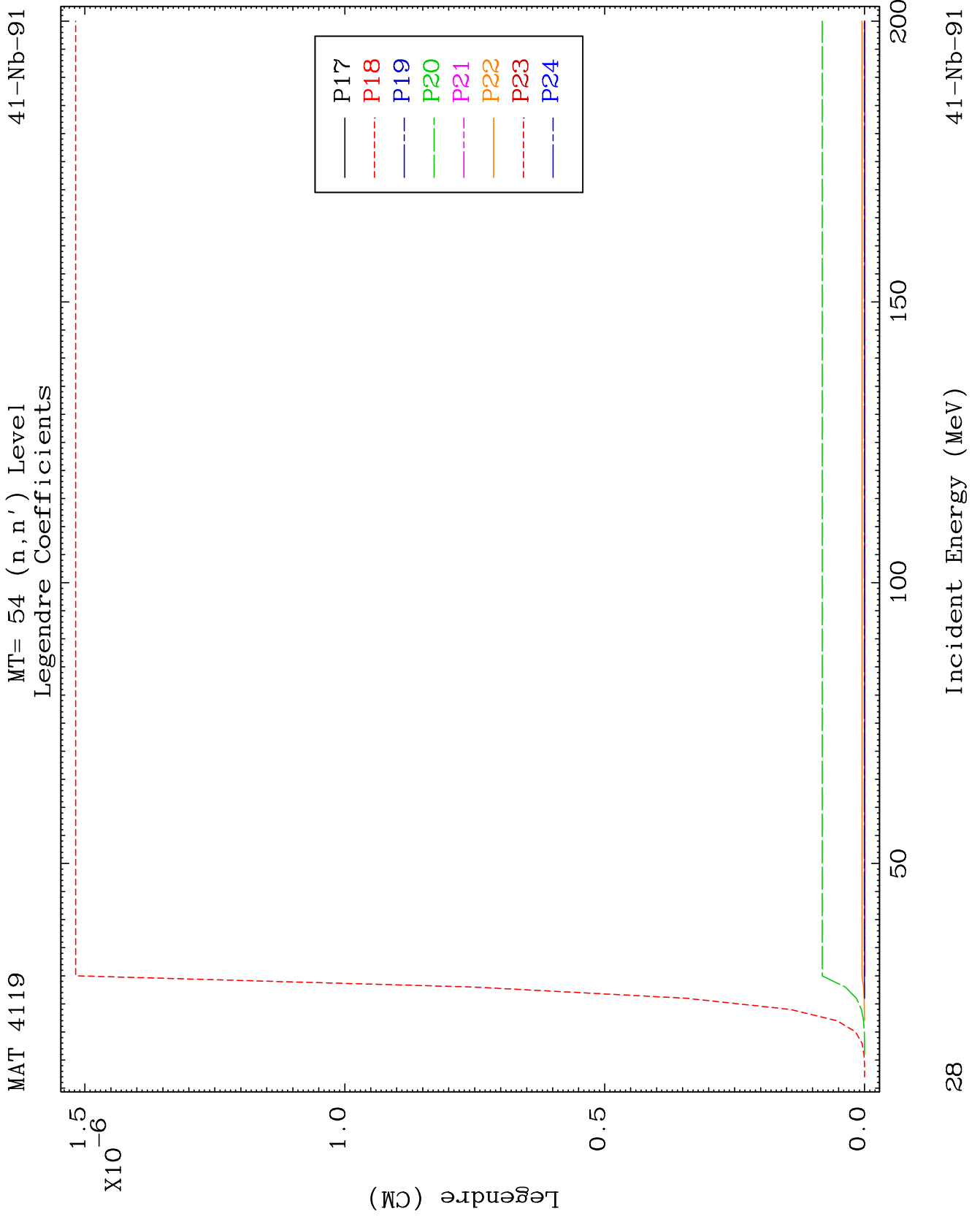
41-Nb-91



27

Incident Energy (MeV)

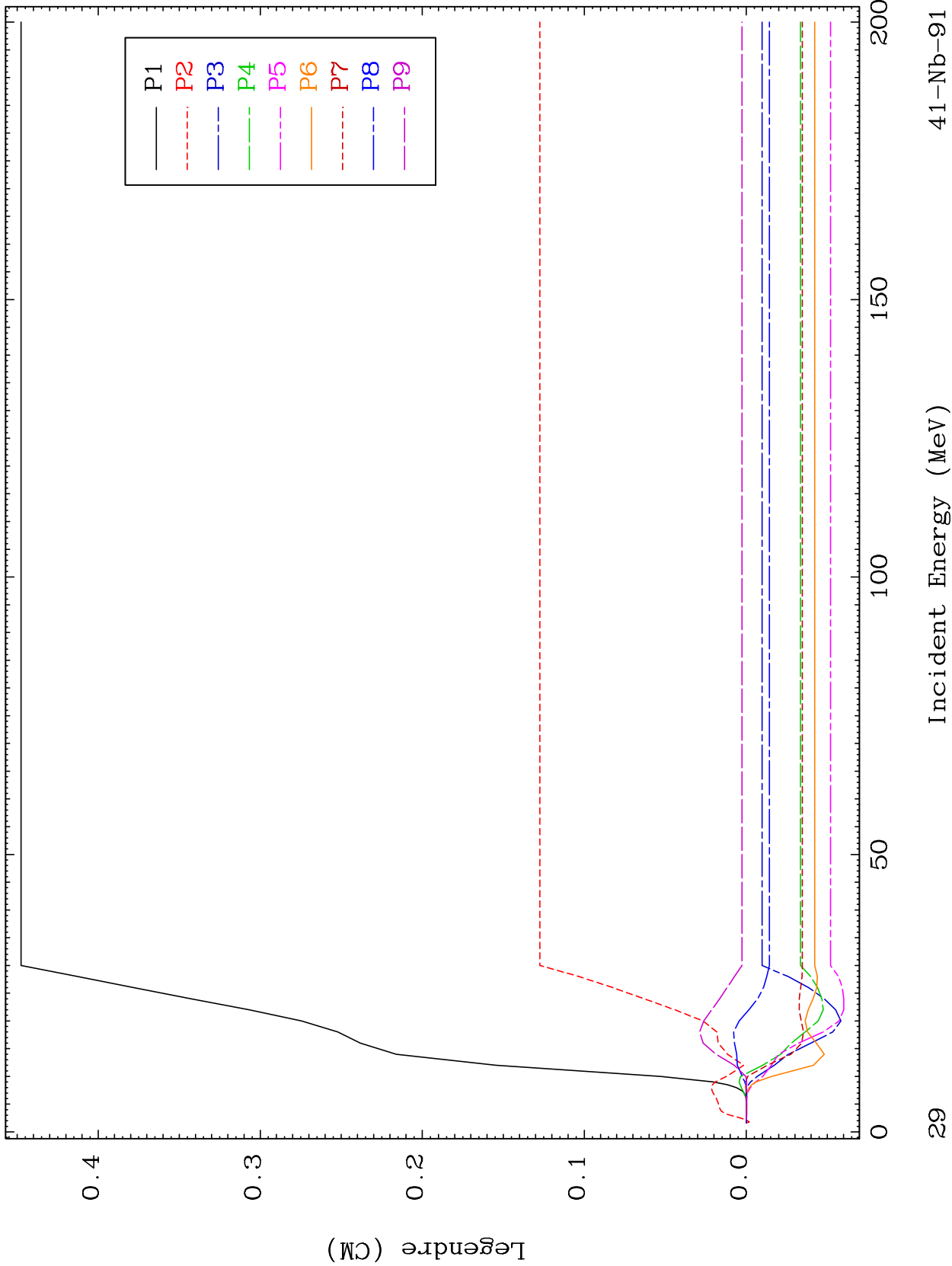
41-Nb-91



MAT 4119

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

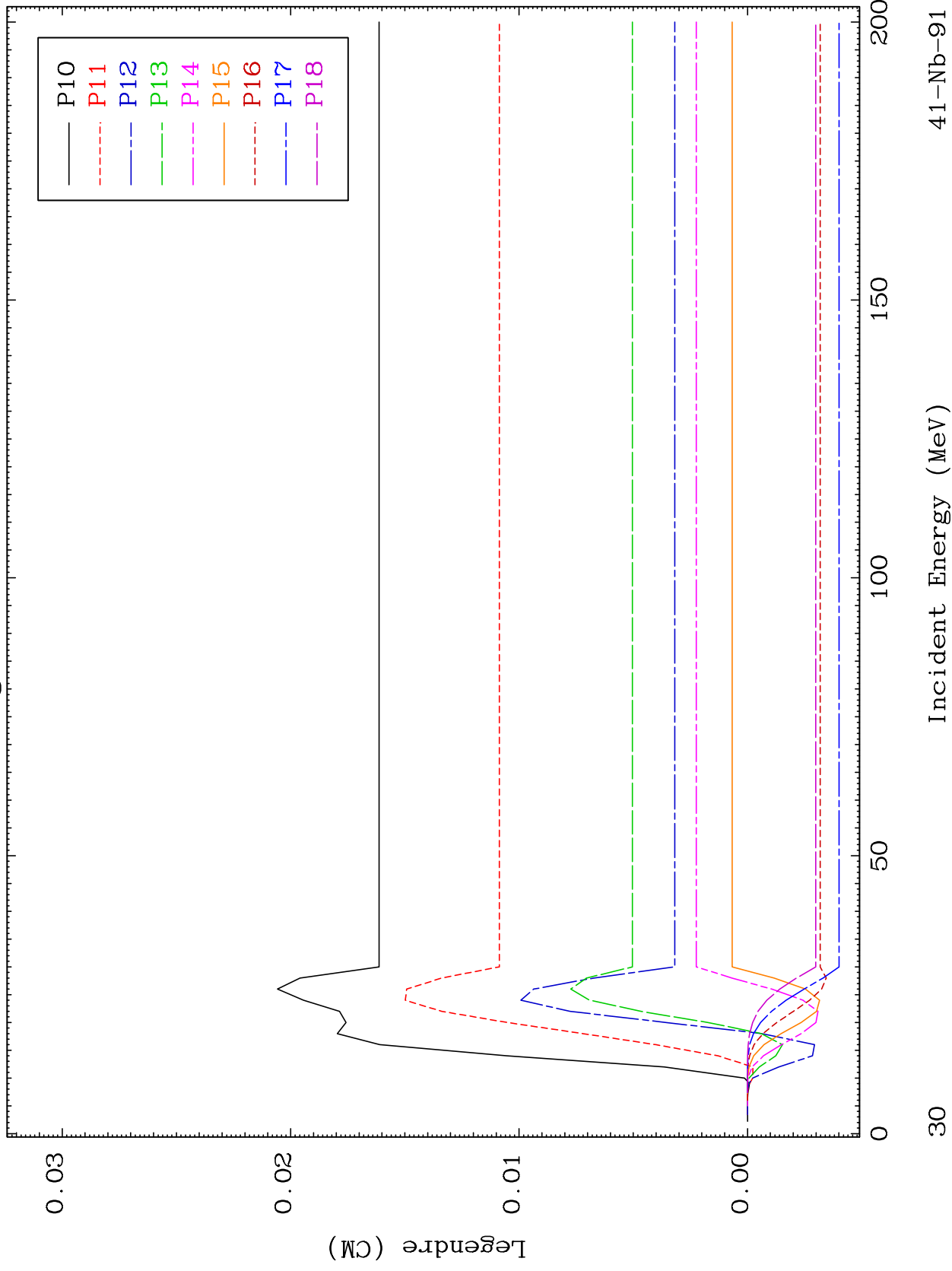
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MAT 4119

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

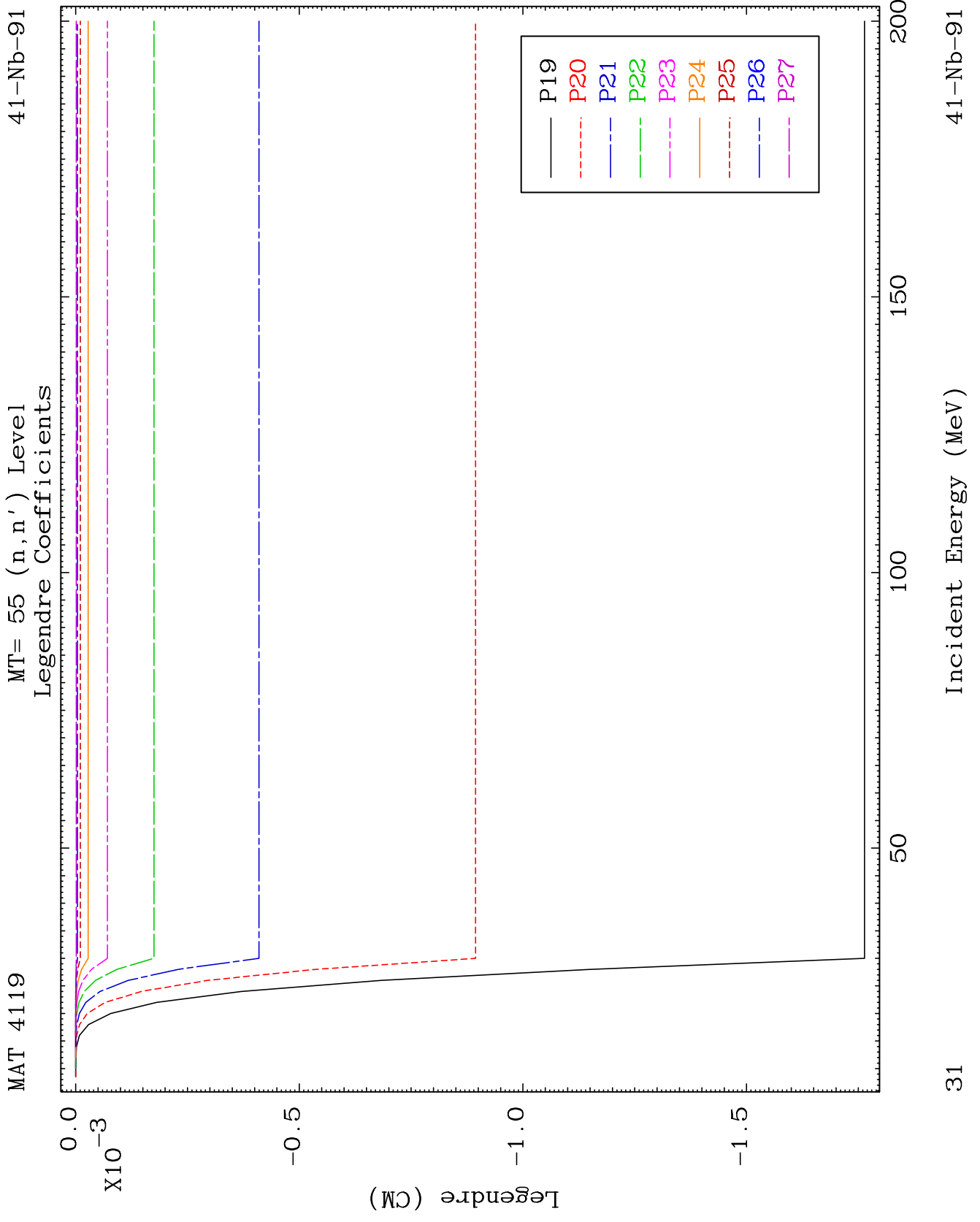
41-Nb-91



41-Nb-91

Incident Energy (MeV)

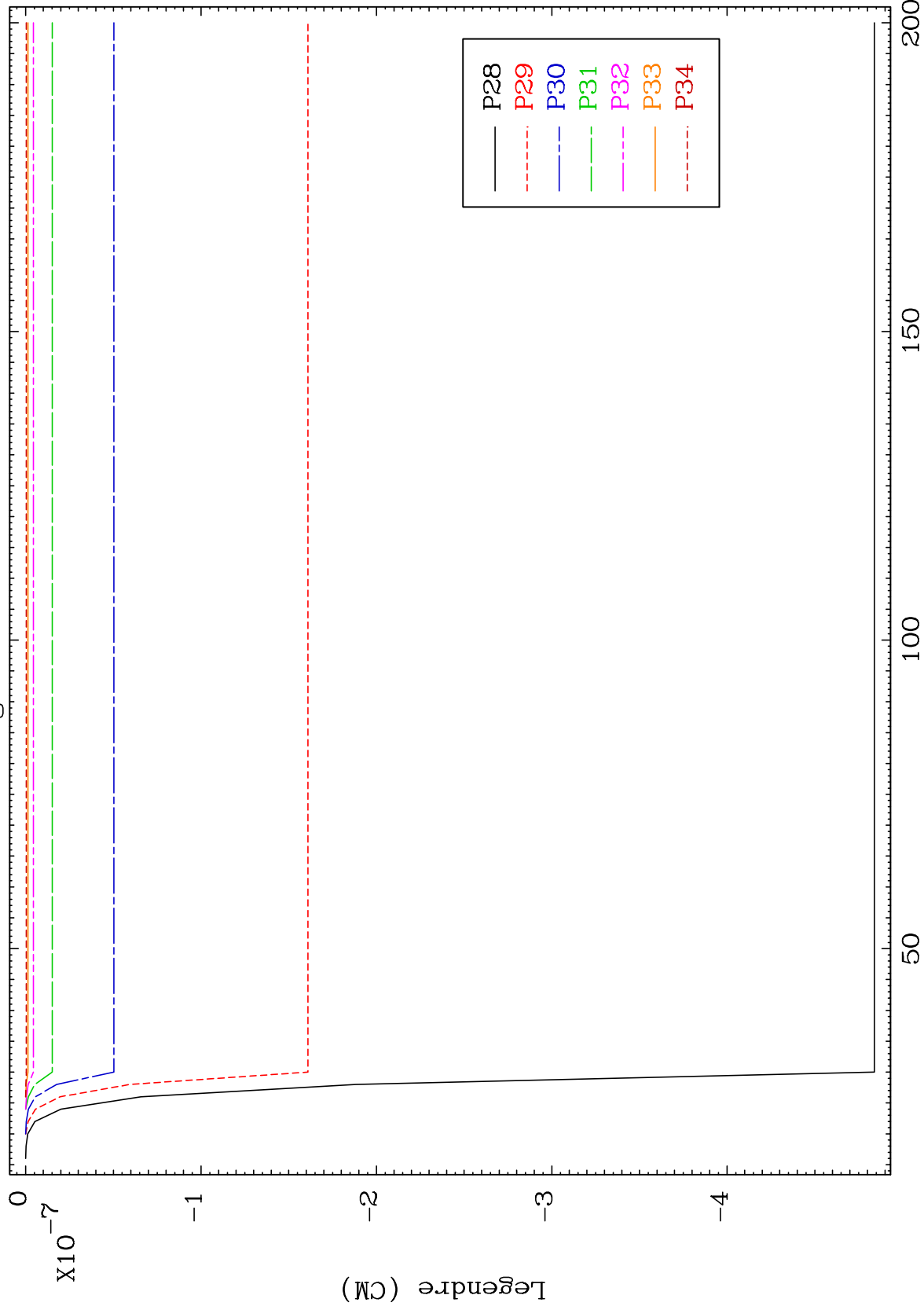
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MAT 4119

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

41-Nb-91



32

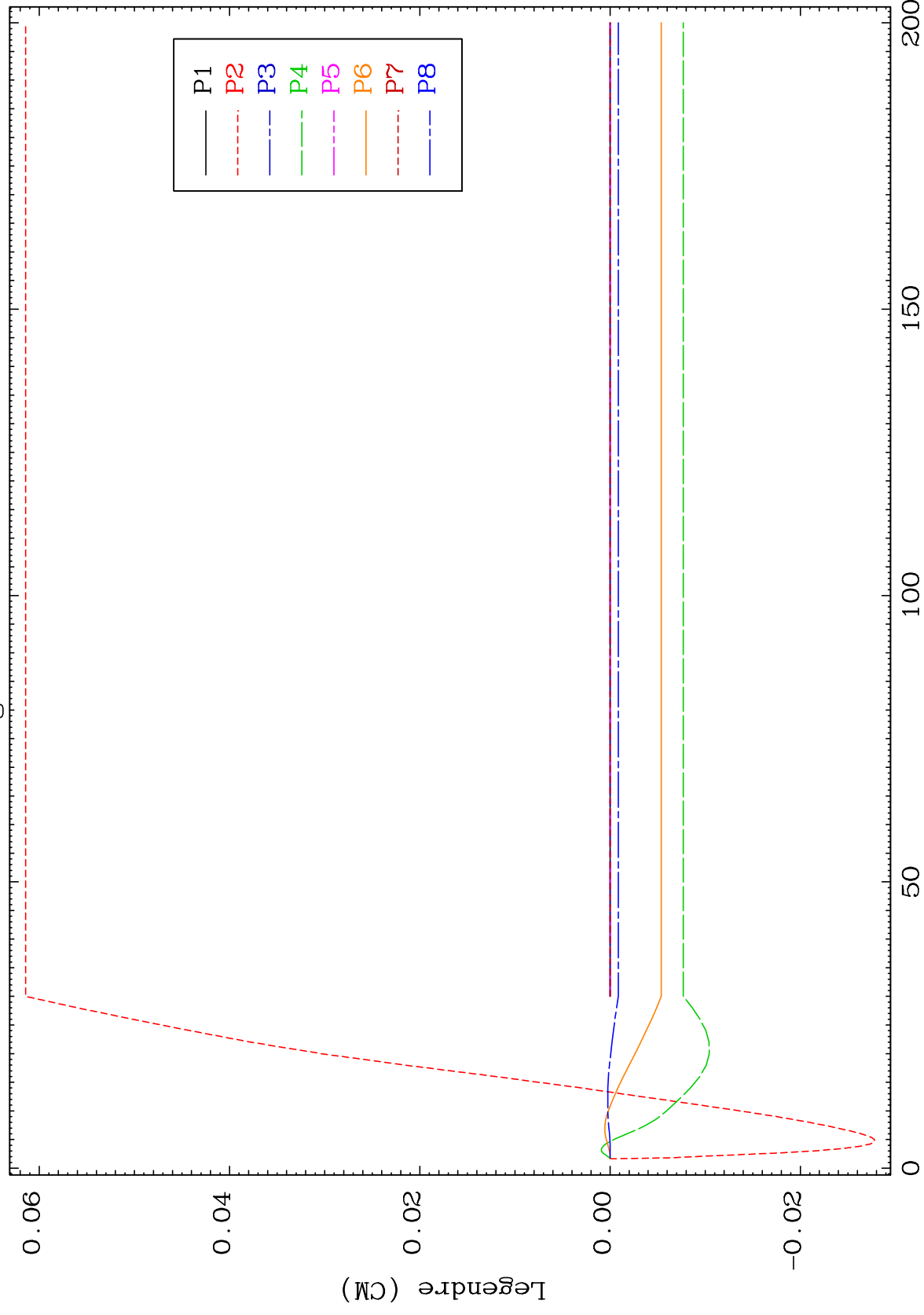
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



33

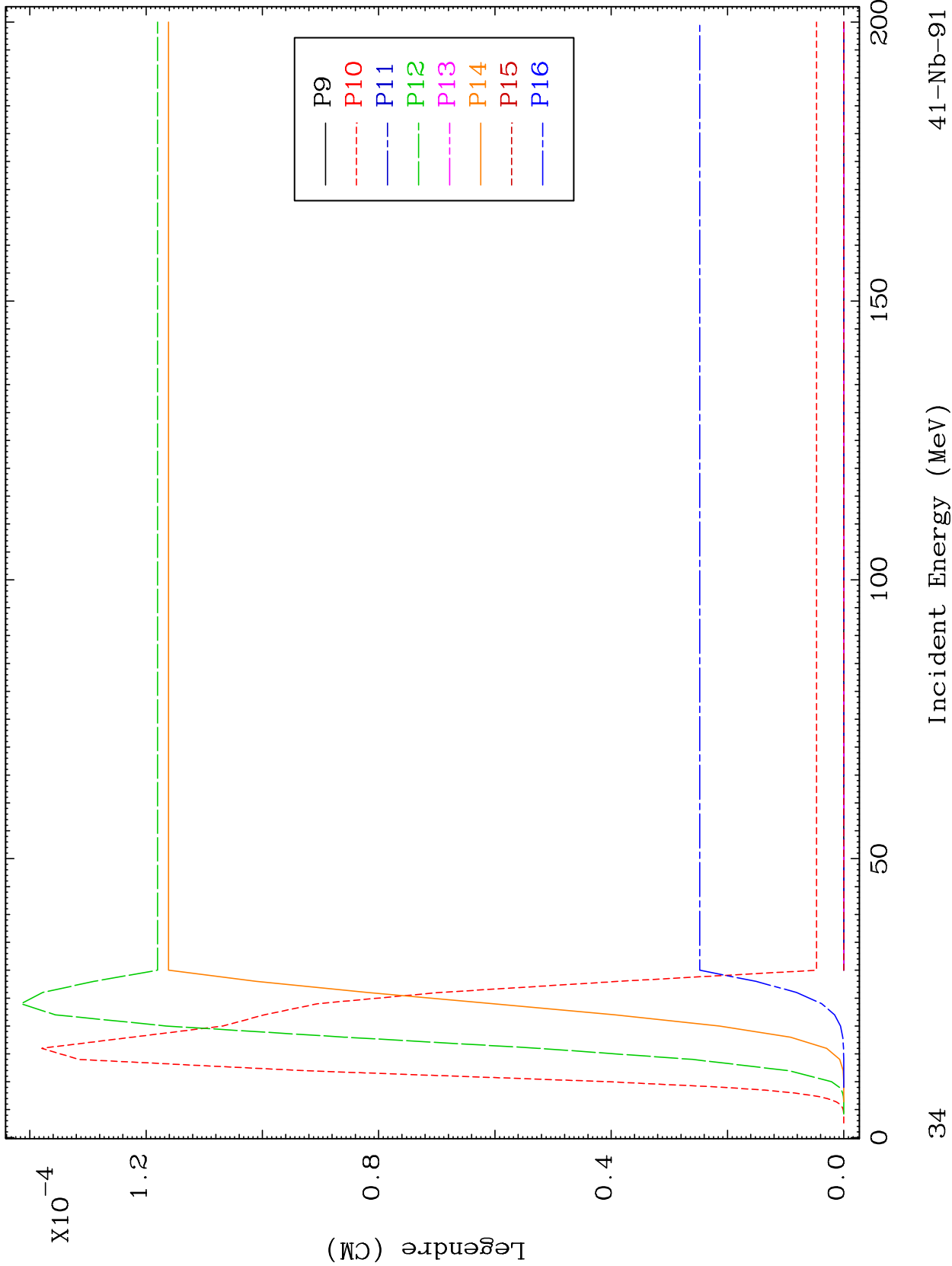
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



34

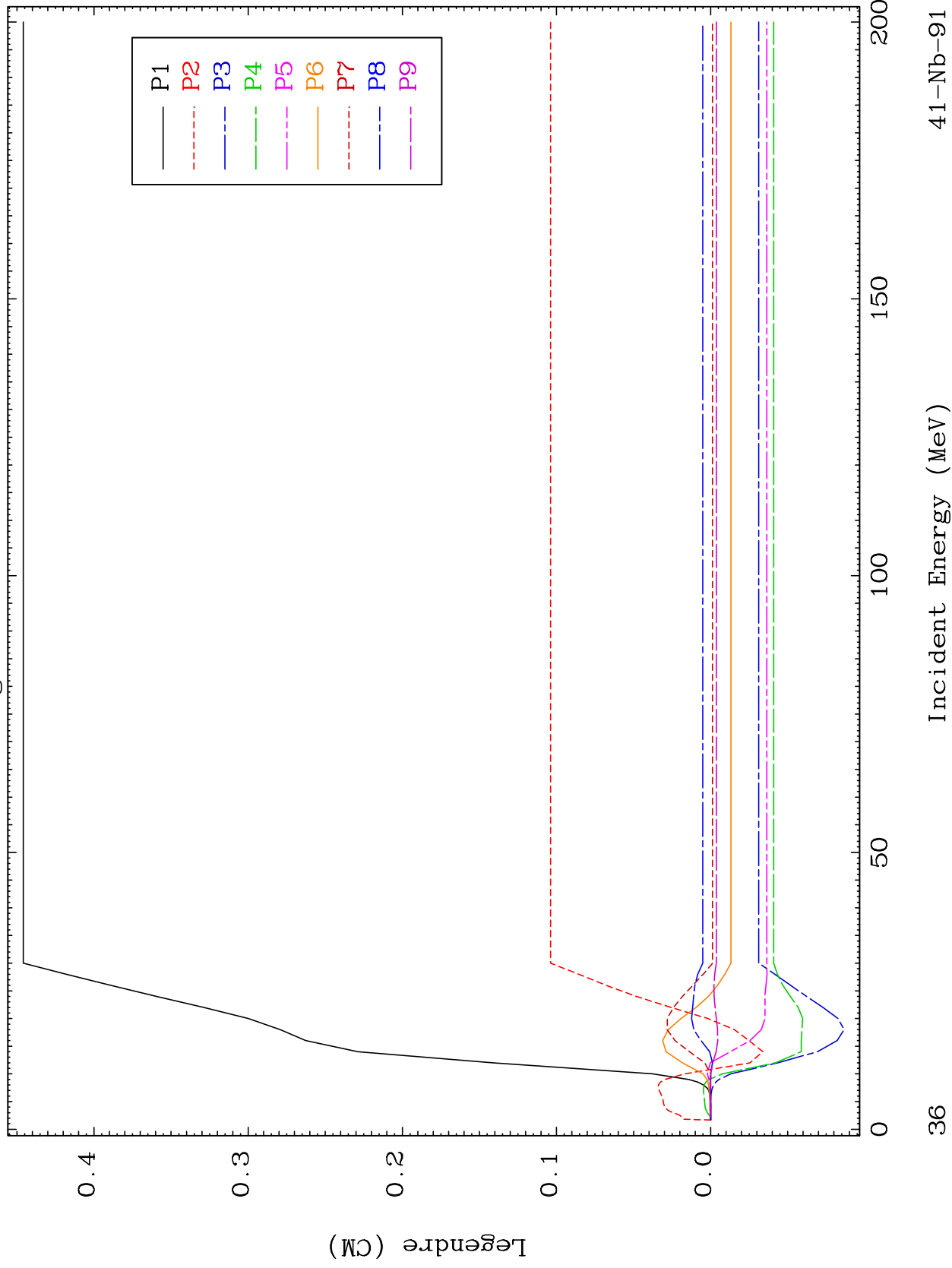
Incident Energy (MeV)

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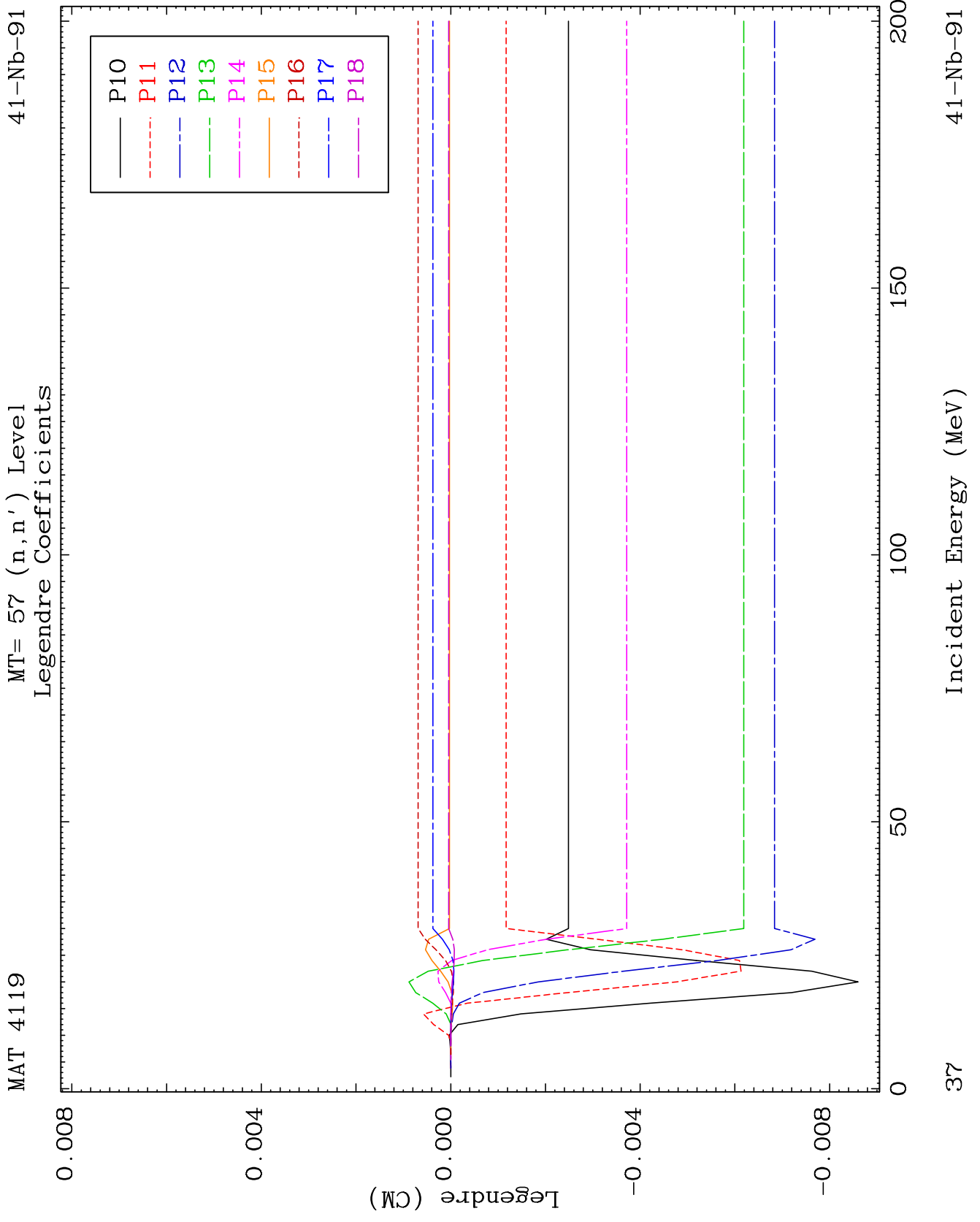
MAT 4119

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

41-Nb-91



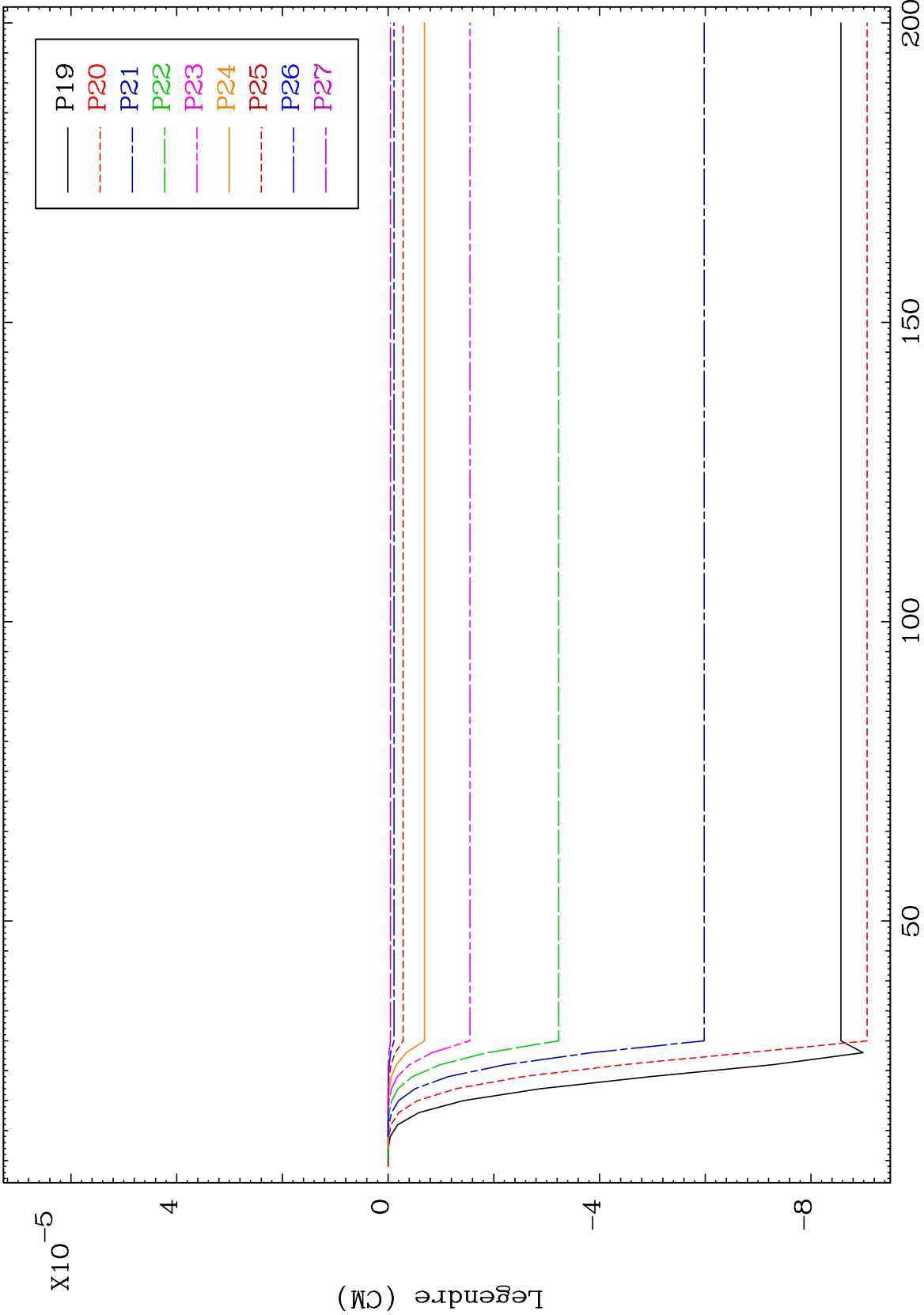
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MAT 4119

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

41-Nb-91



38

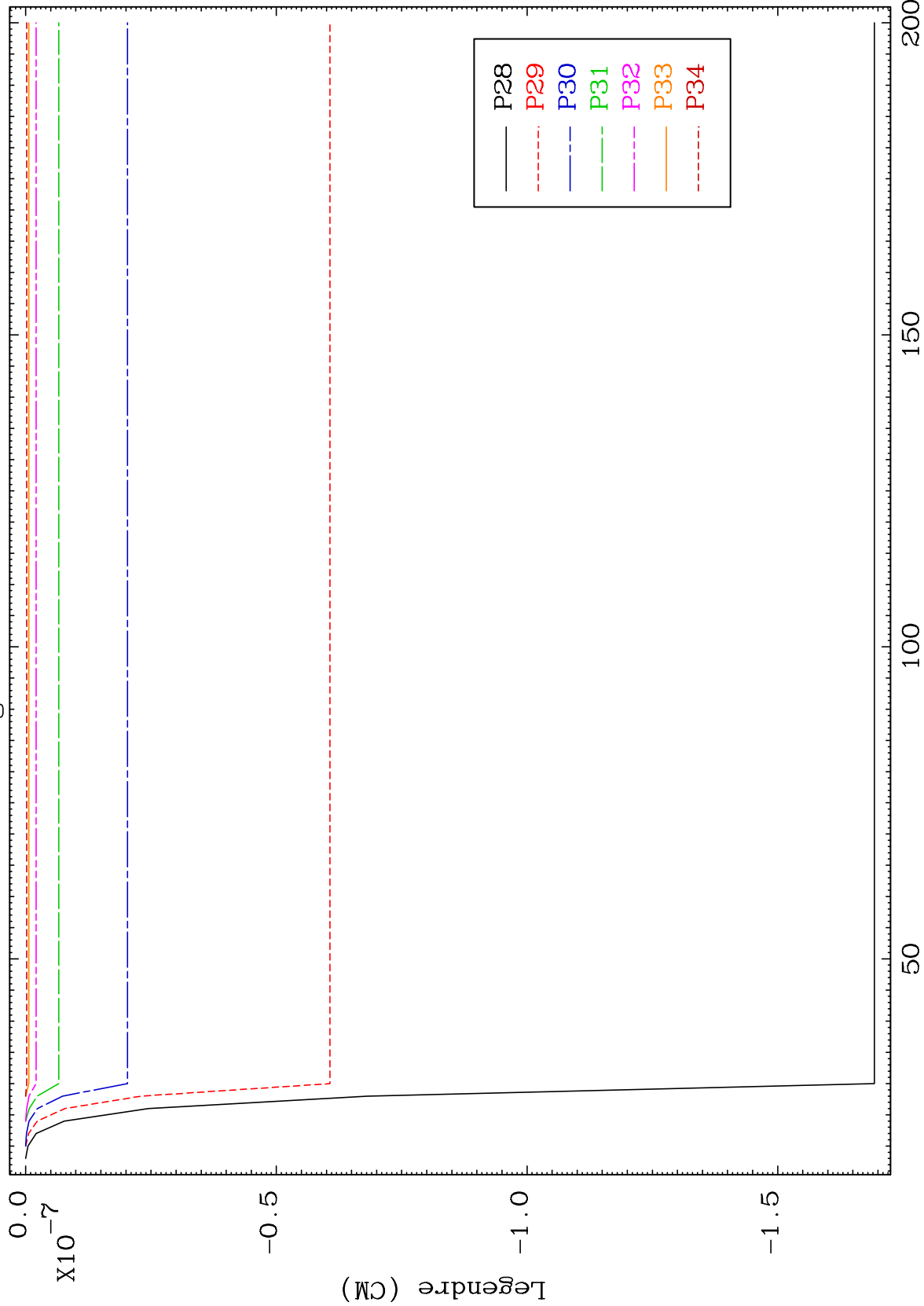
41-Nb-91

MAT 4119

MT= 57 (n,n') Level

41-Nb-91

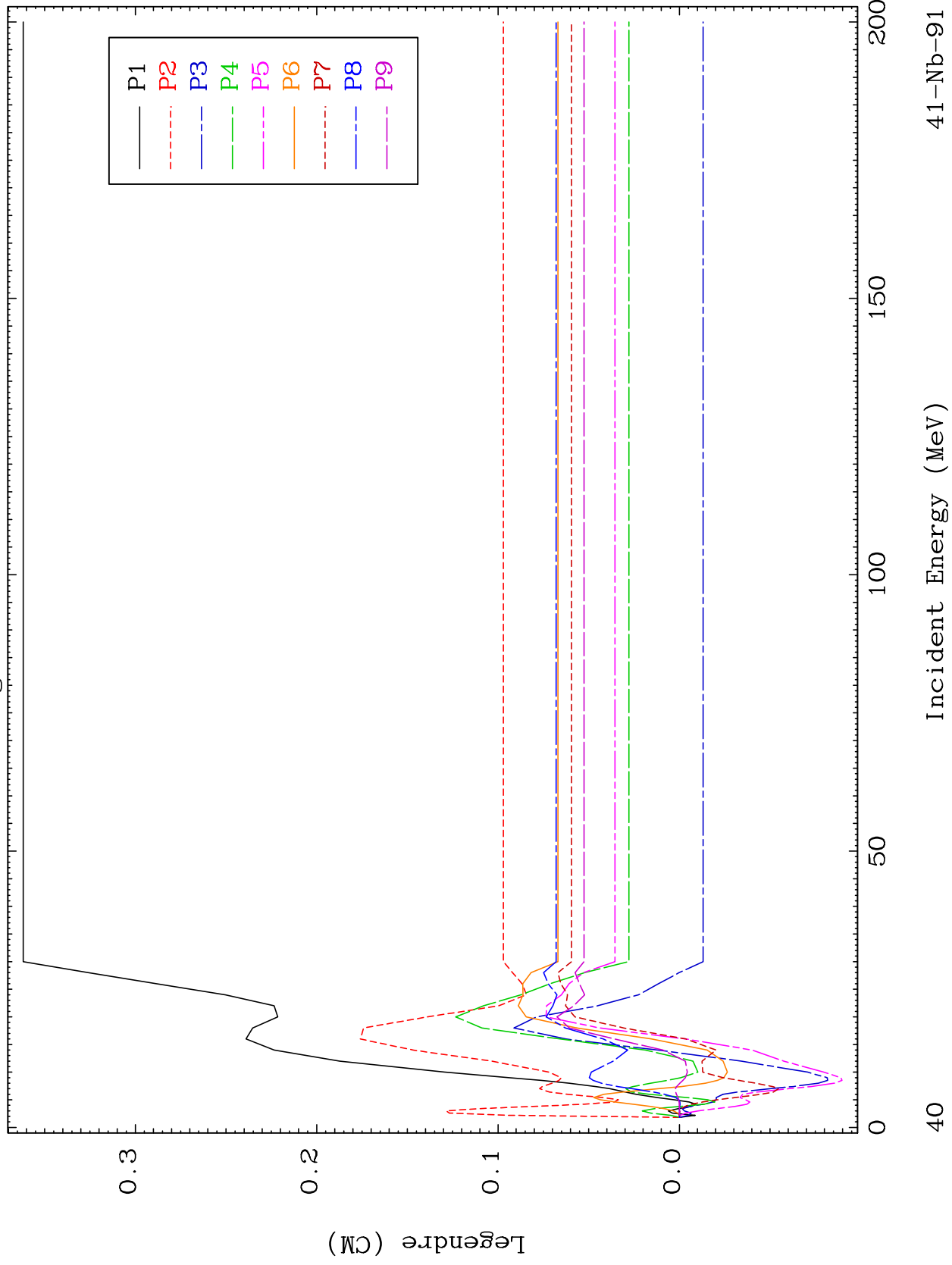
Legendre Coefficients



MAT 4119

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

41-Nb-91



41-Nb-91

Incident Energy (MeV)

40

0

50

100

150

200

Legendre (CM)

0.3

0.2

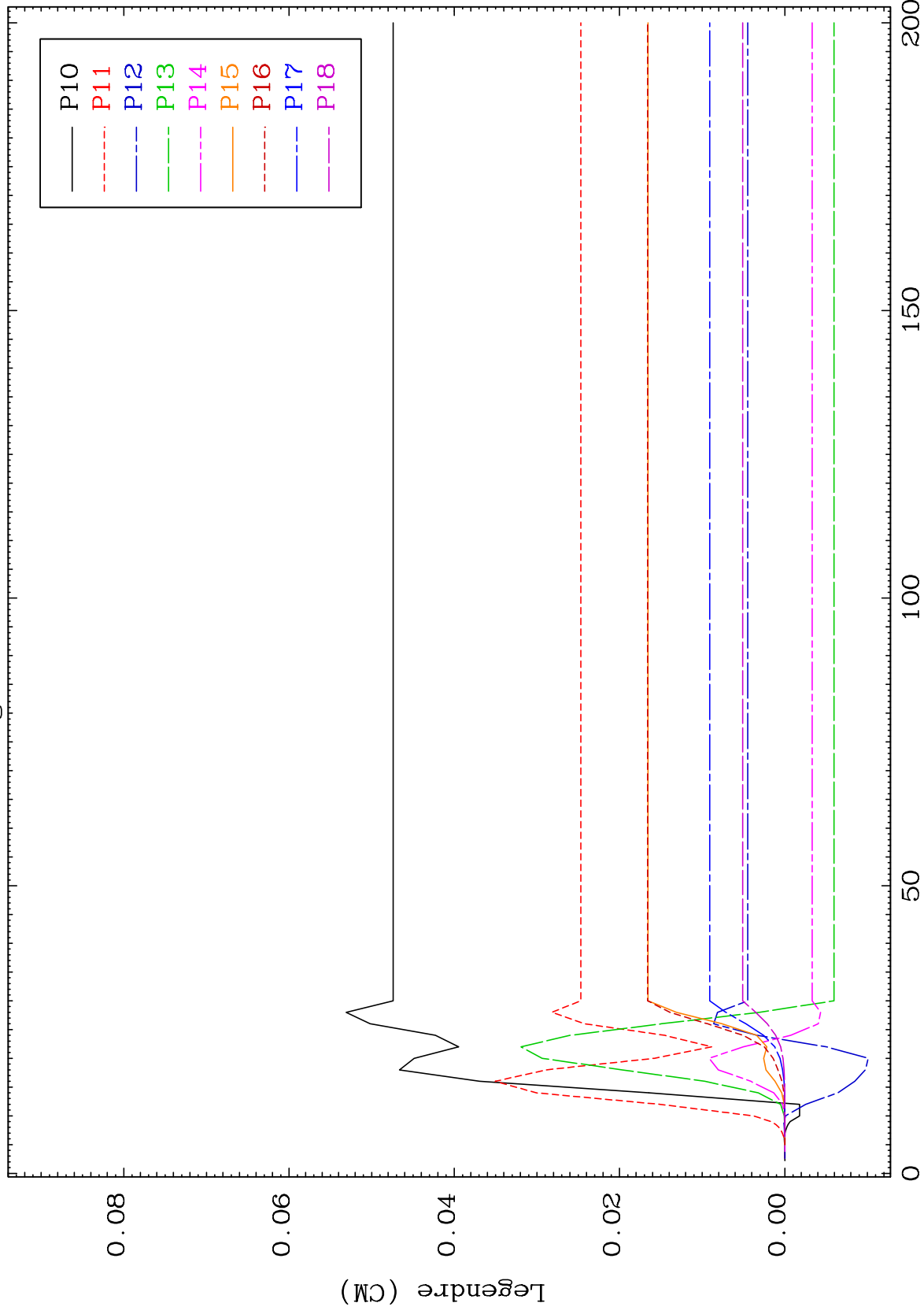
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0.0

MAT 4119

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

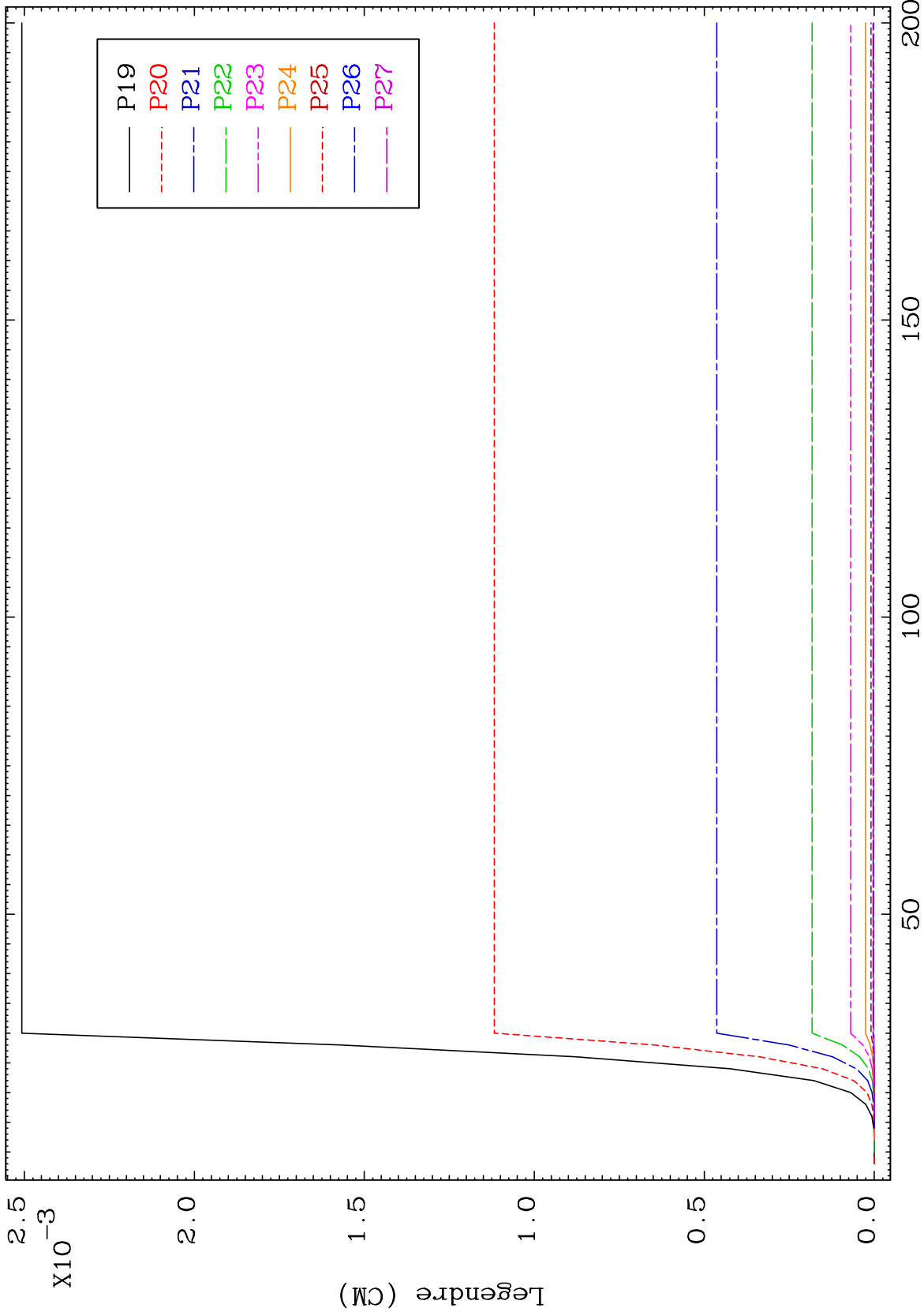
41-Nb-91



41

Incident Energy (MeV)

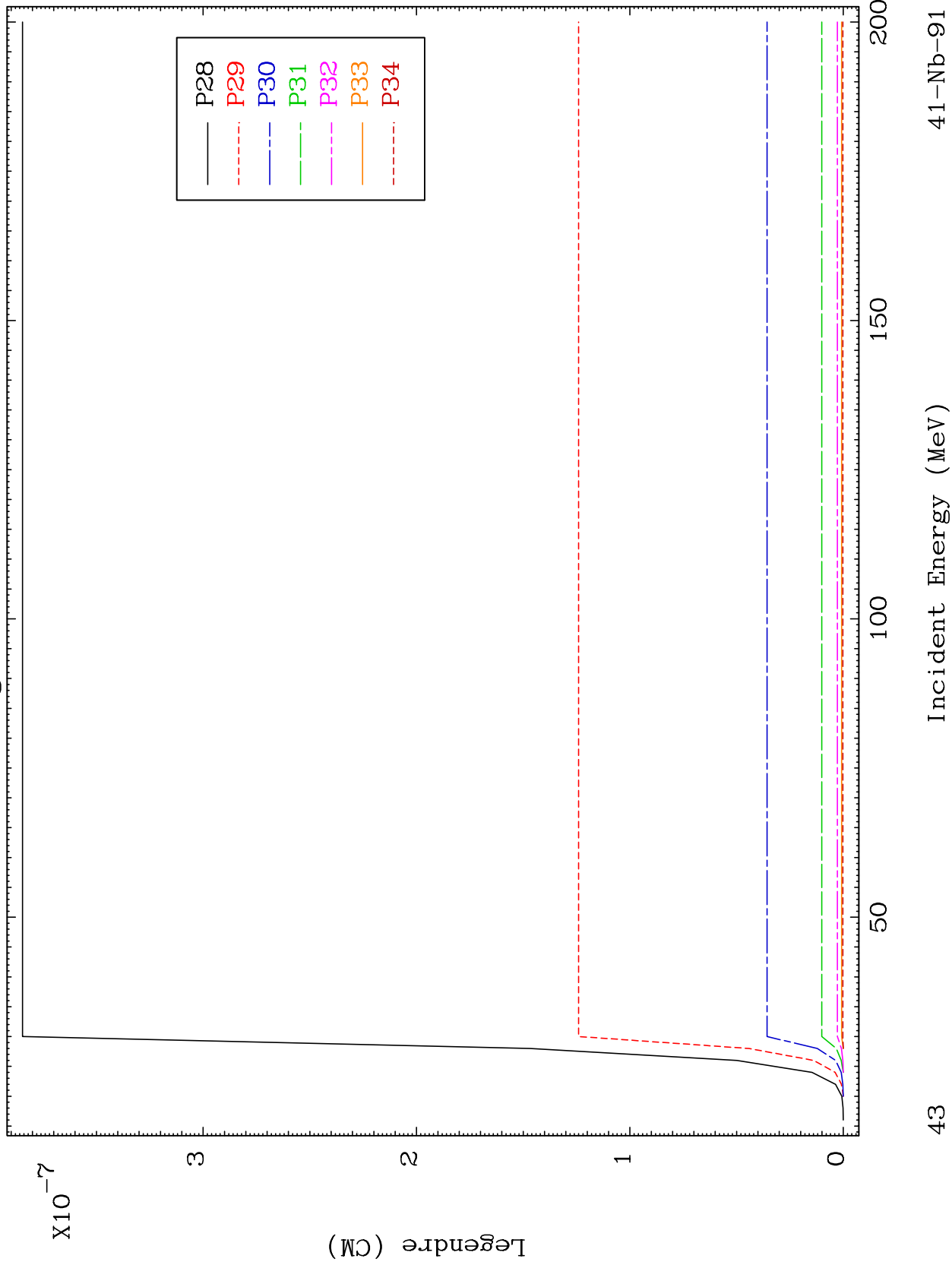
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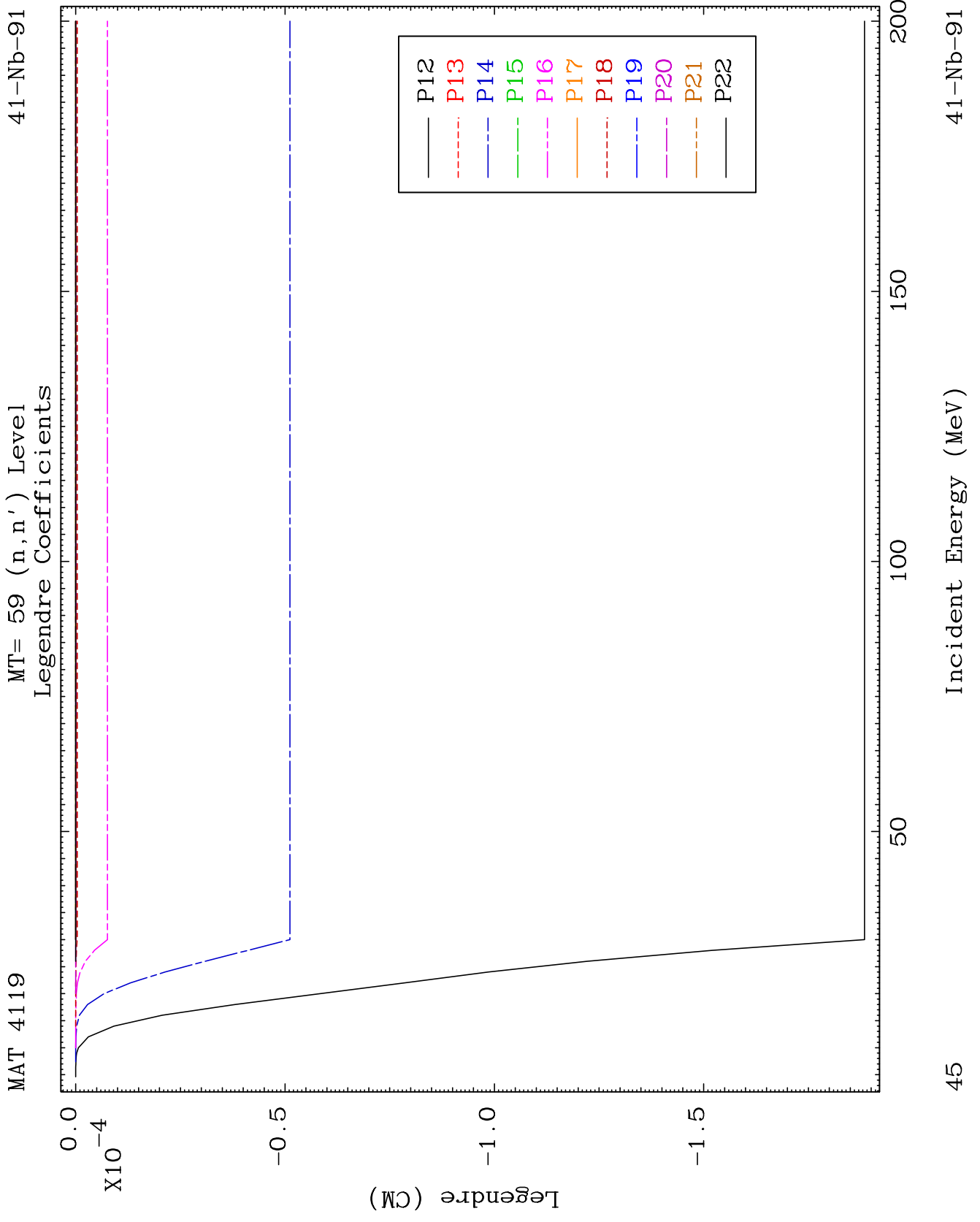


MAT 4119

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

41-Nb-91

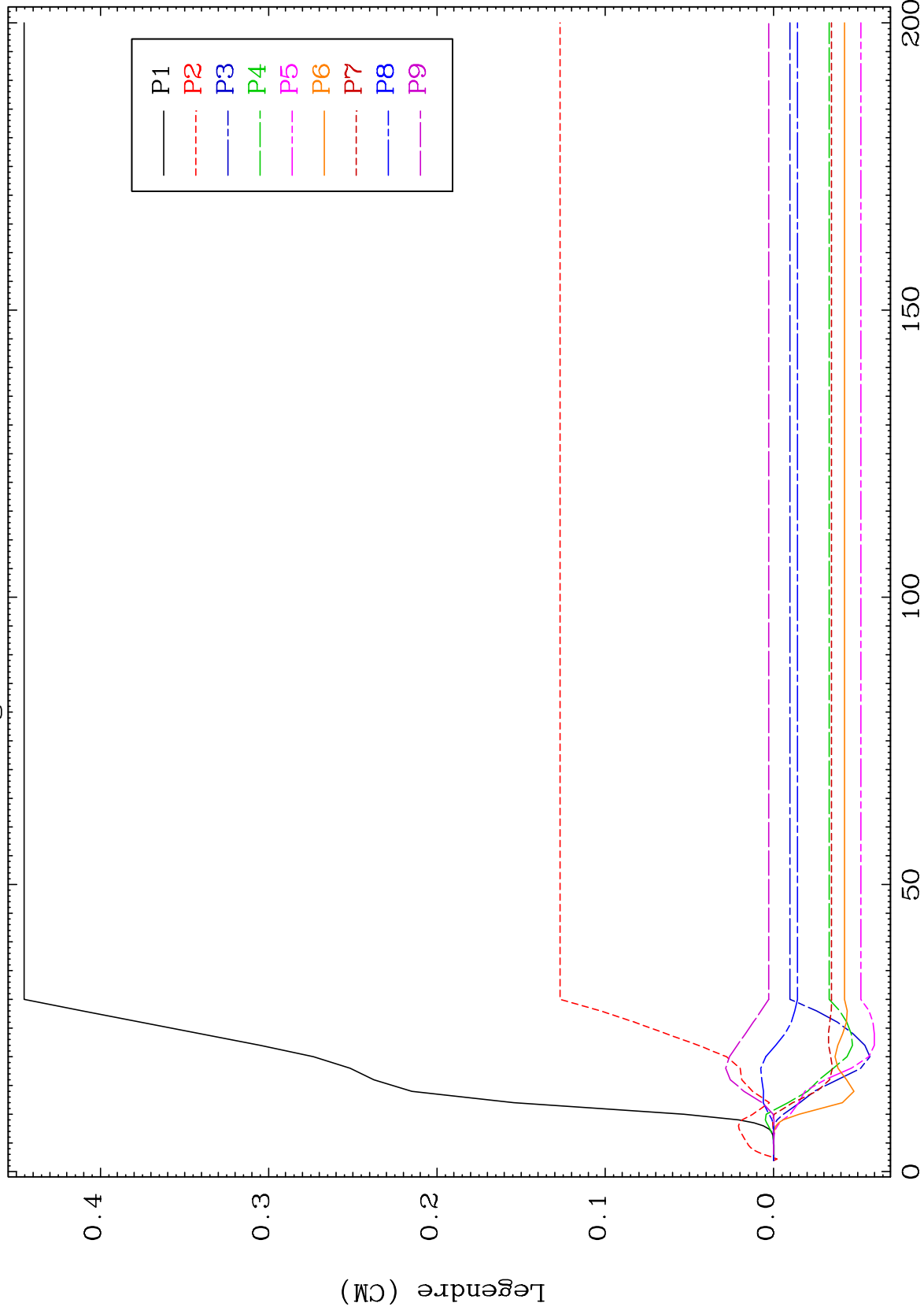




MAT 4119

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

41-Nb-91



46

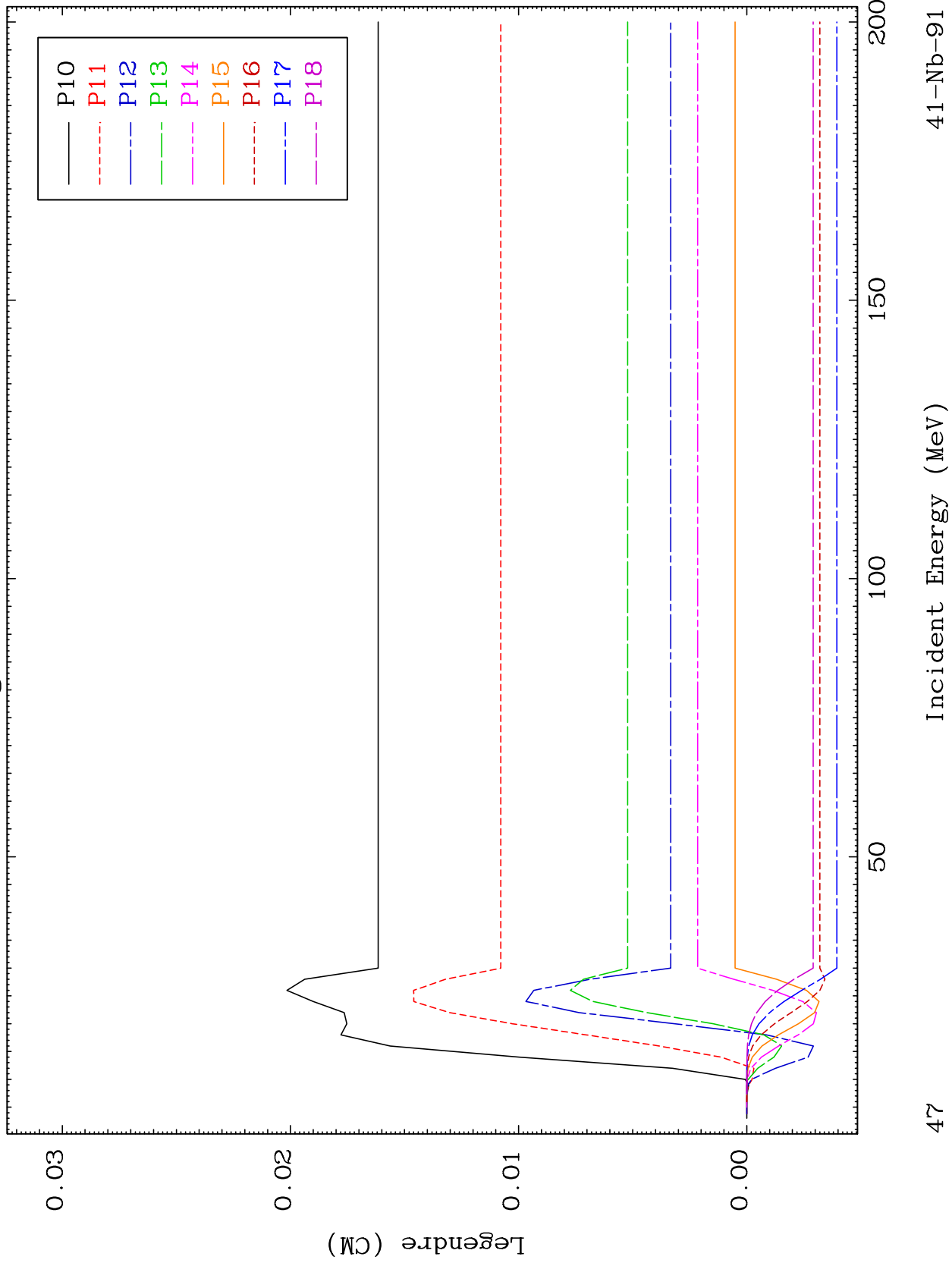
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

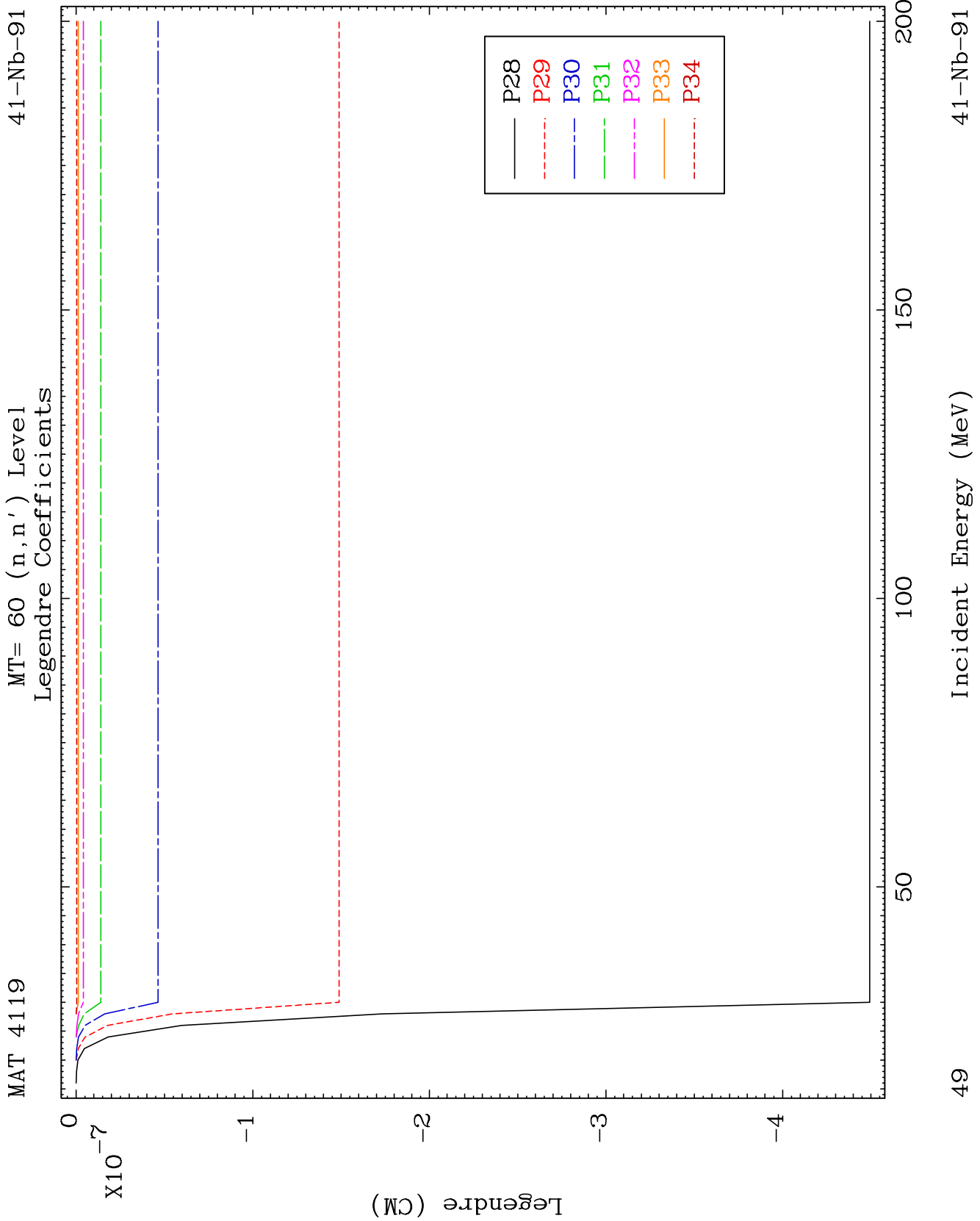
41-Nb-91



47

Incident Energy (MeV)

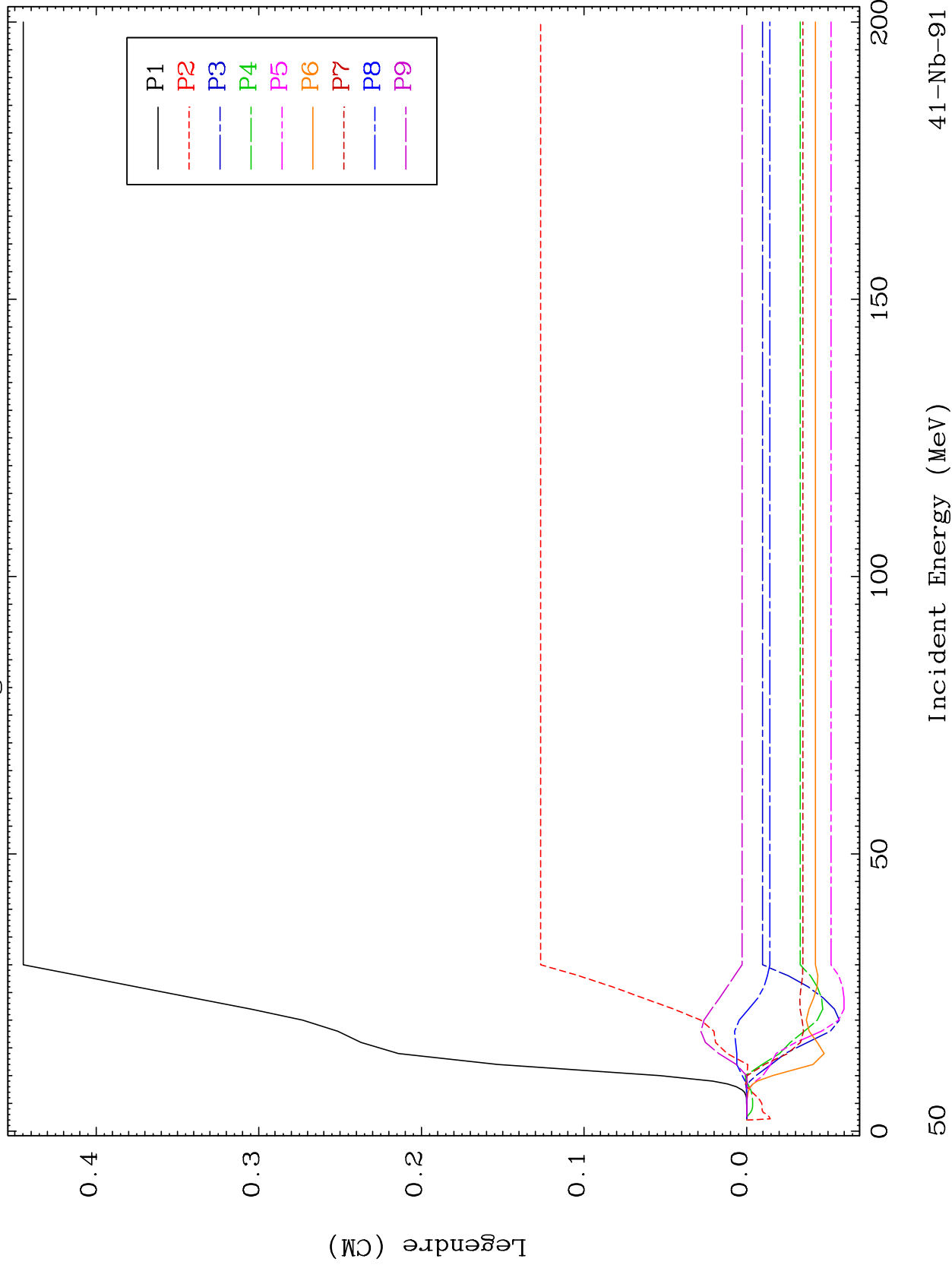
41-Nb-91



MAT 4119

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

41-Nb-91



41-Nb-91

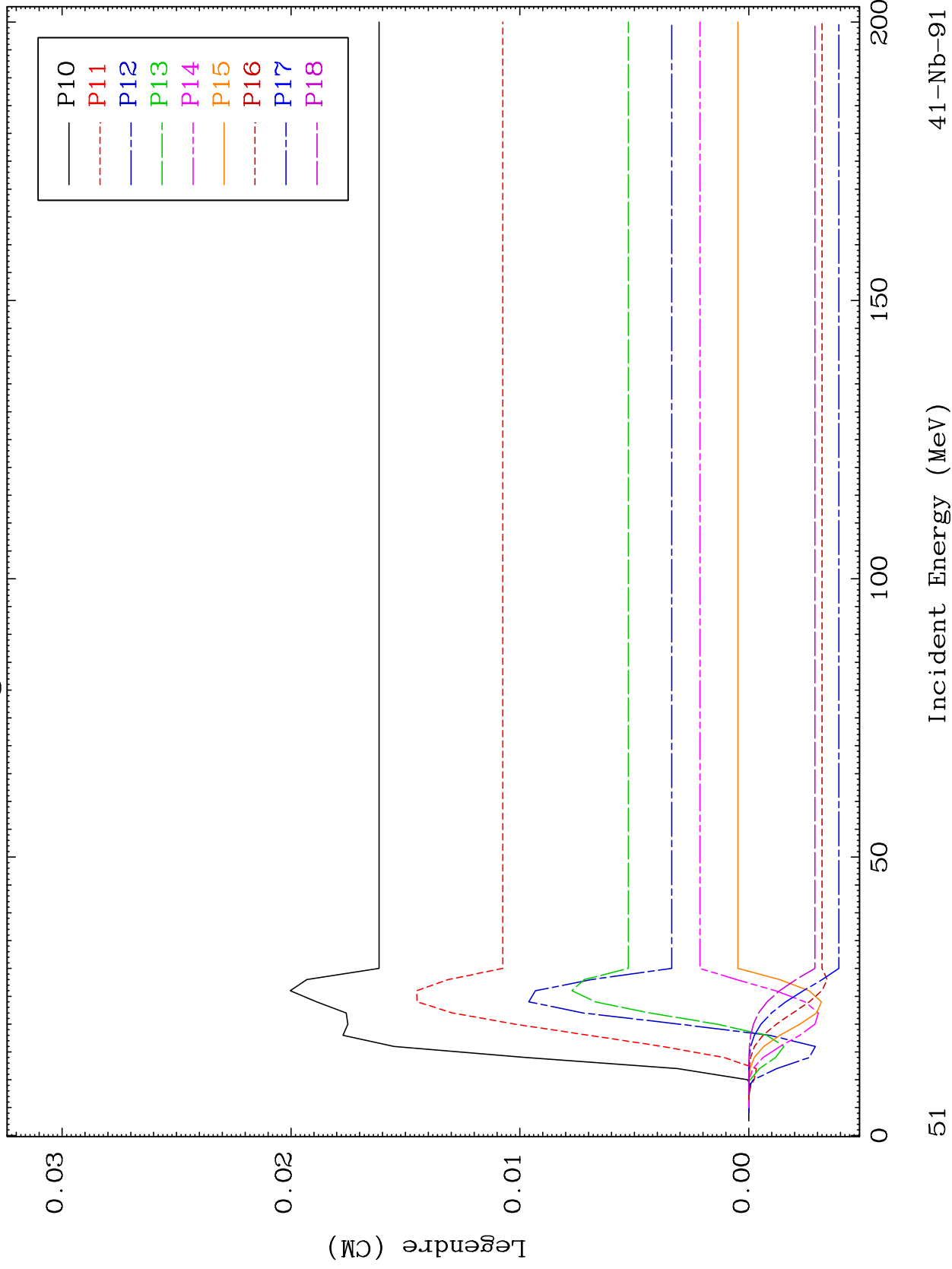
Incident Energy (MeV)

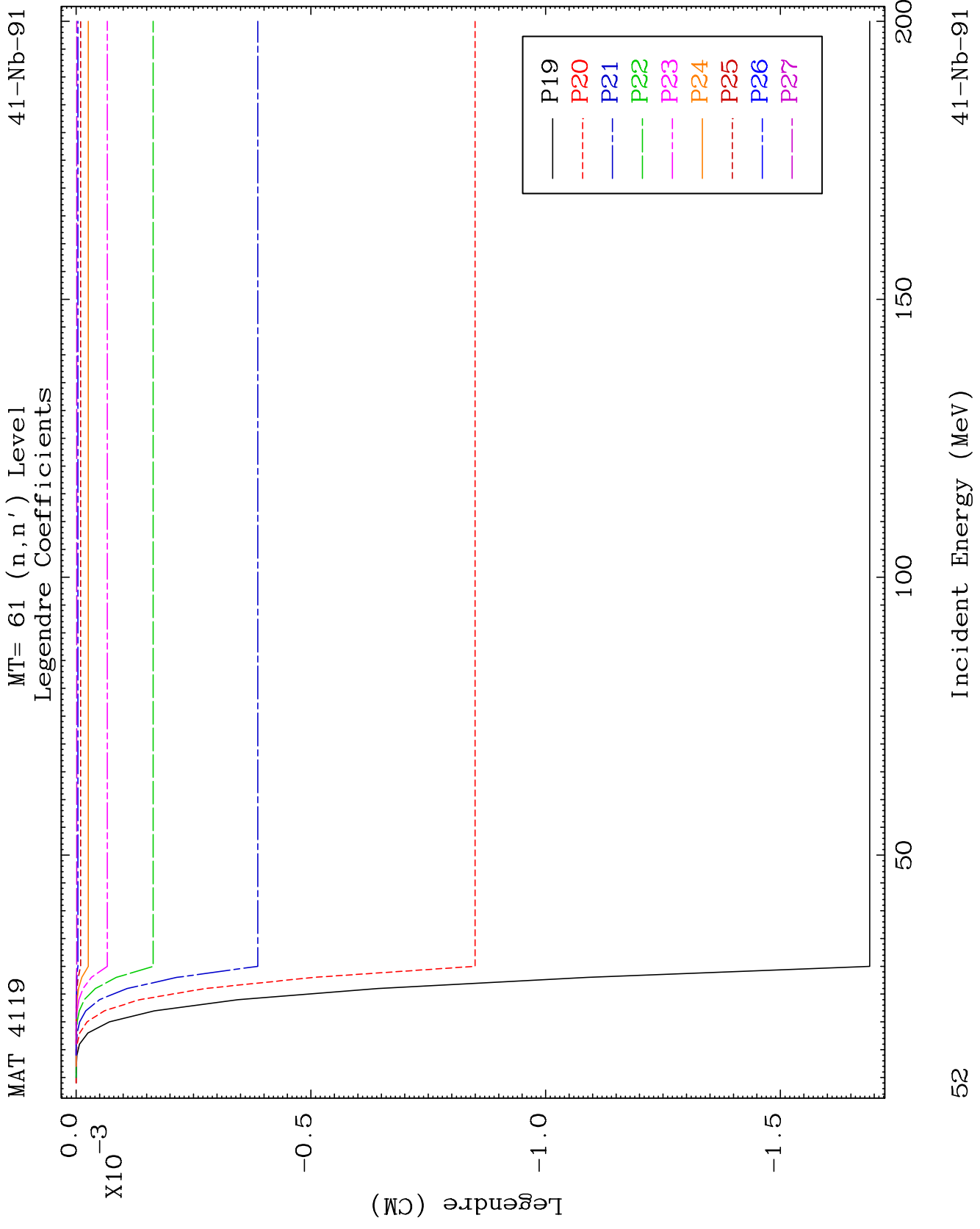
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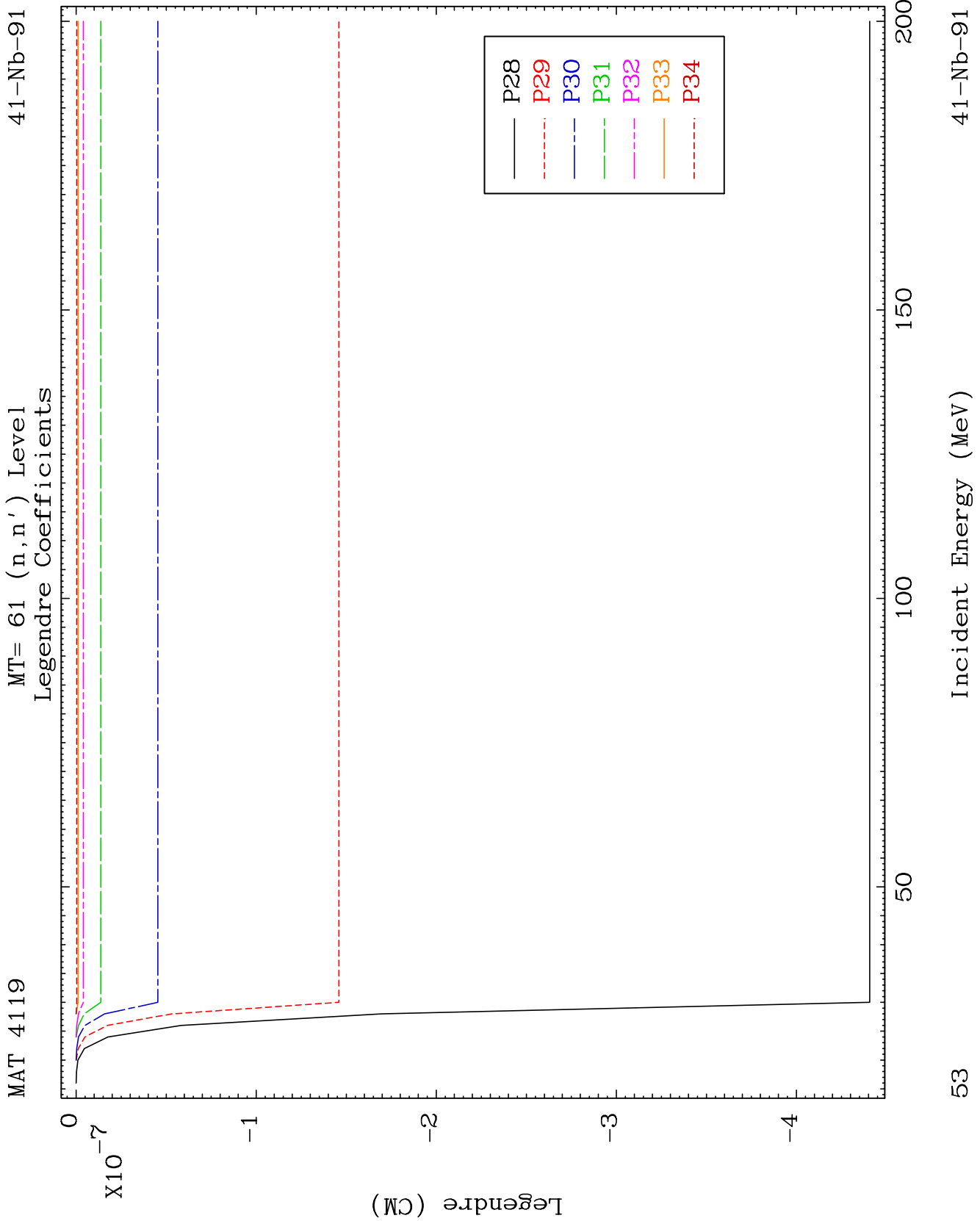
MAT 4119

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

41-Nb-91



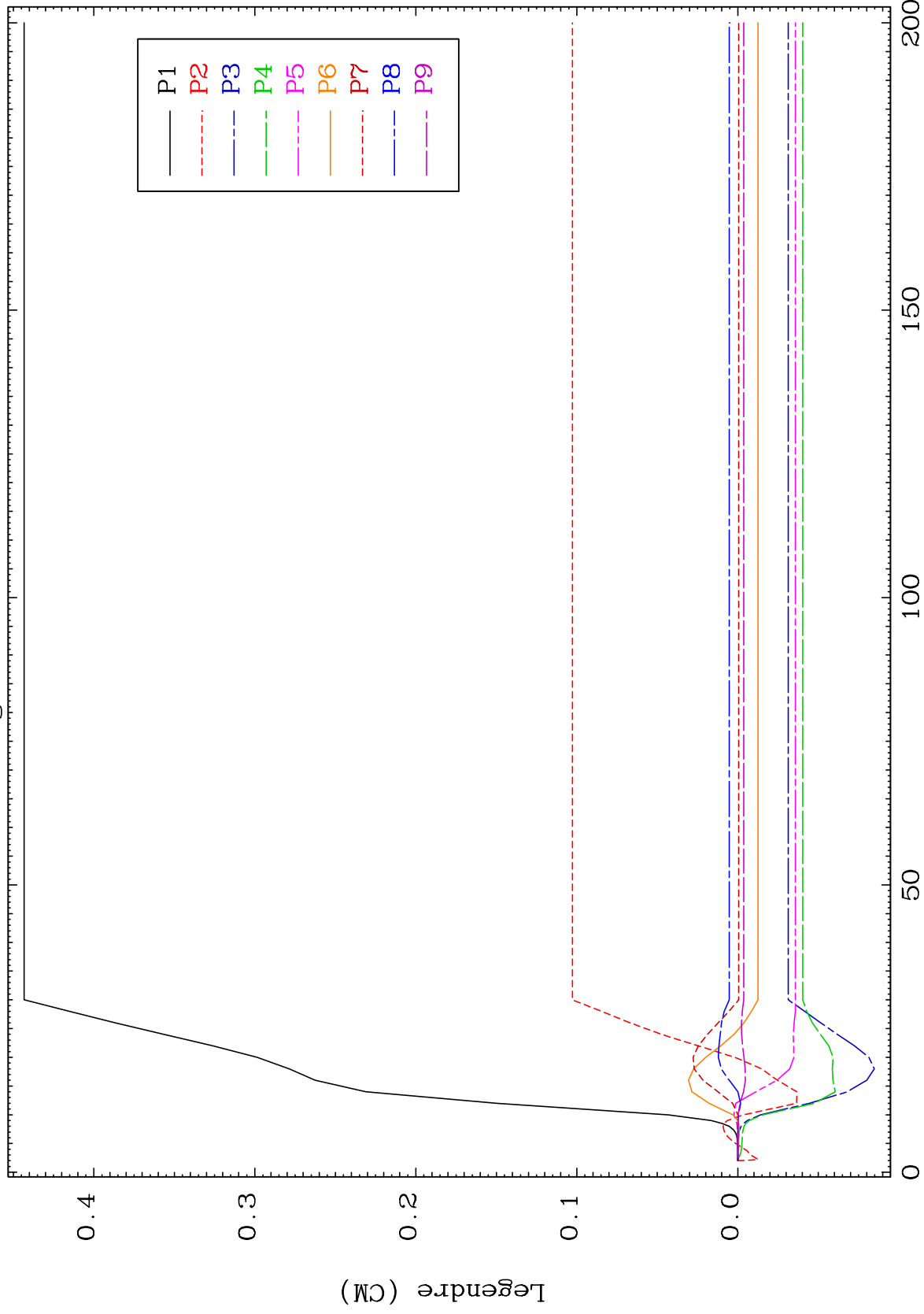




MAT 4119

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

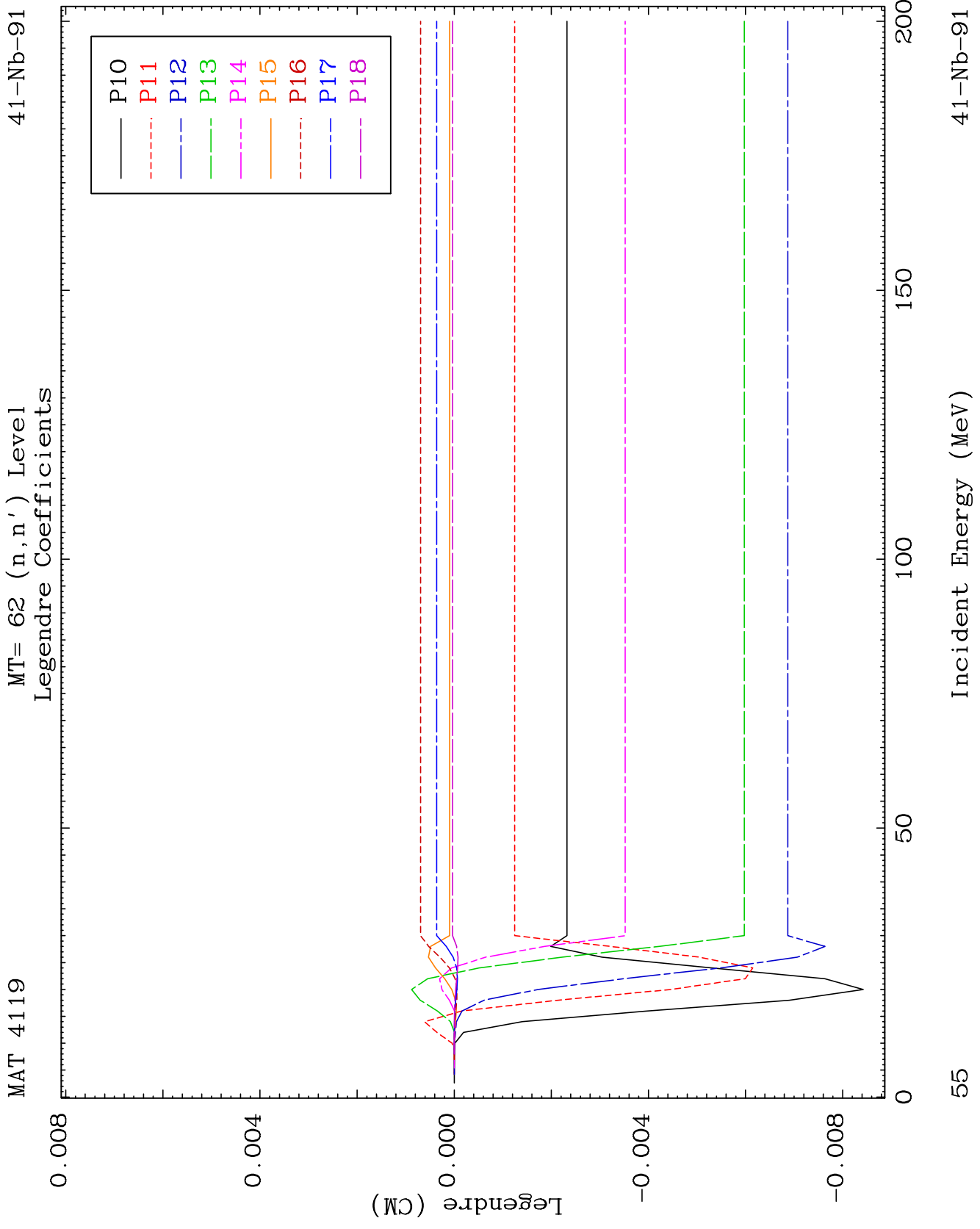
41-Nb-91



54

Incident Energy (MeV)

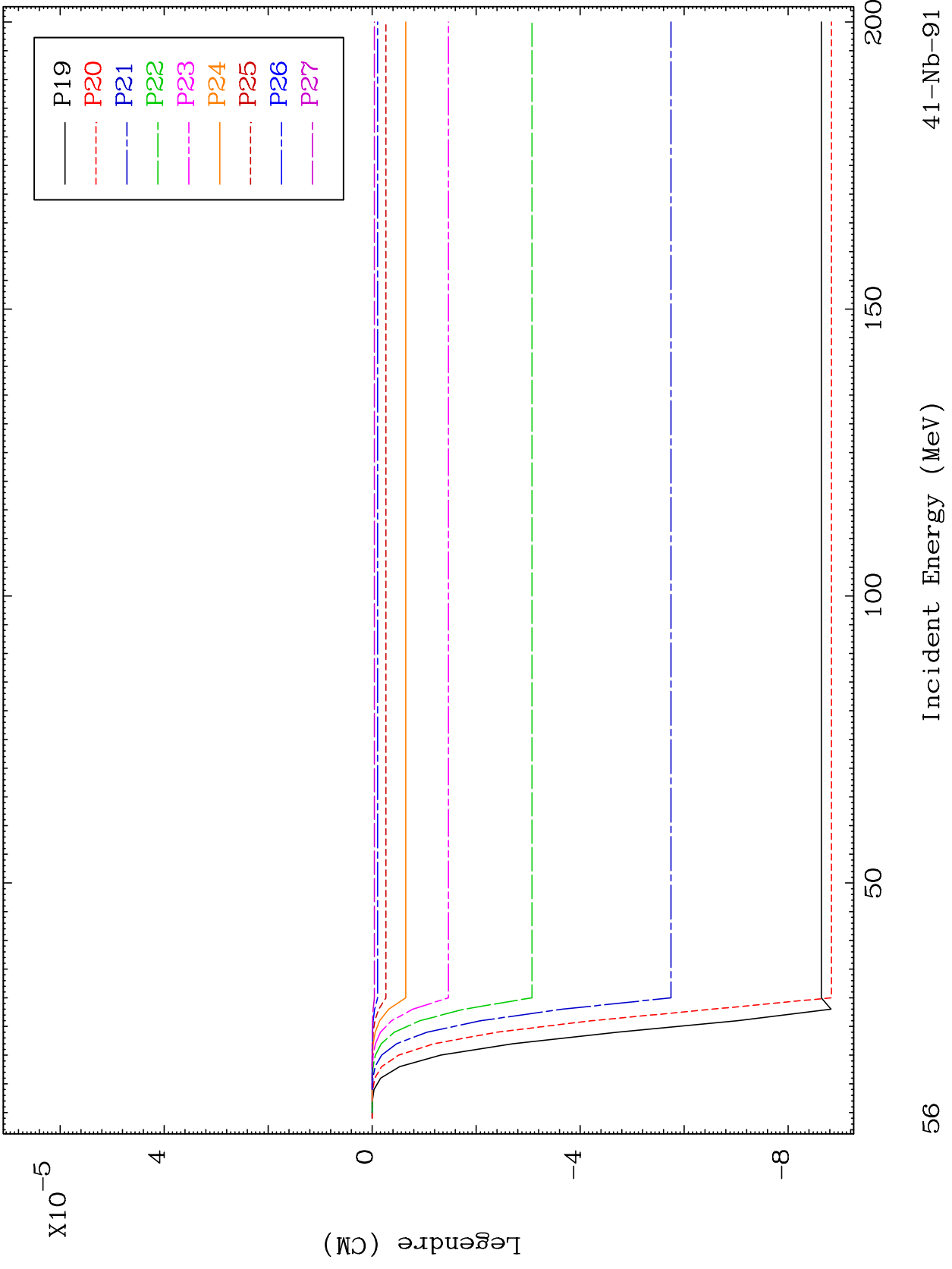
41-Nb-91



MAT 4119

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

41-Nb-91



56

Incident Energy (MeV)

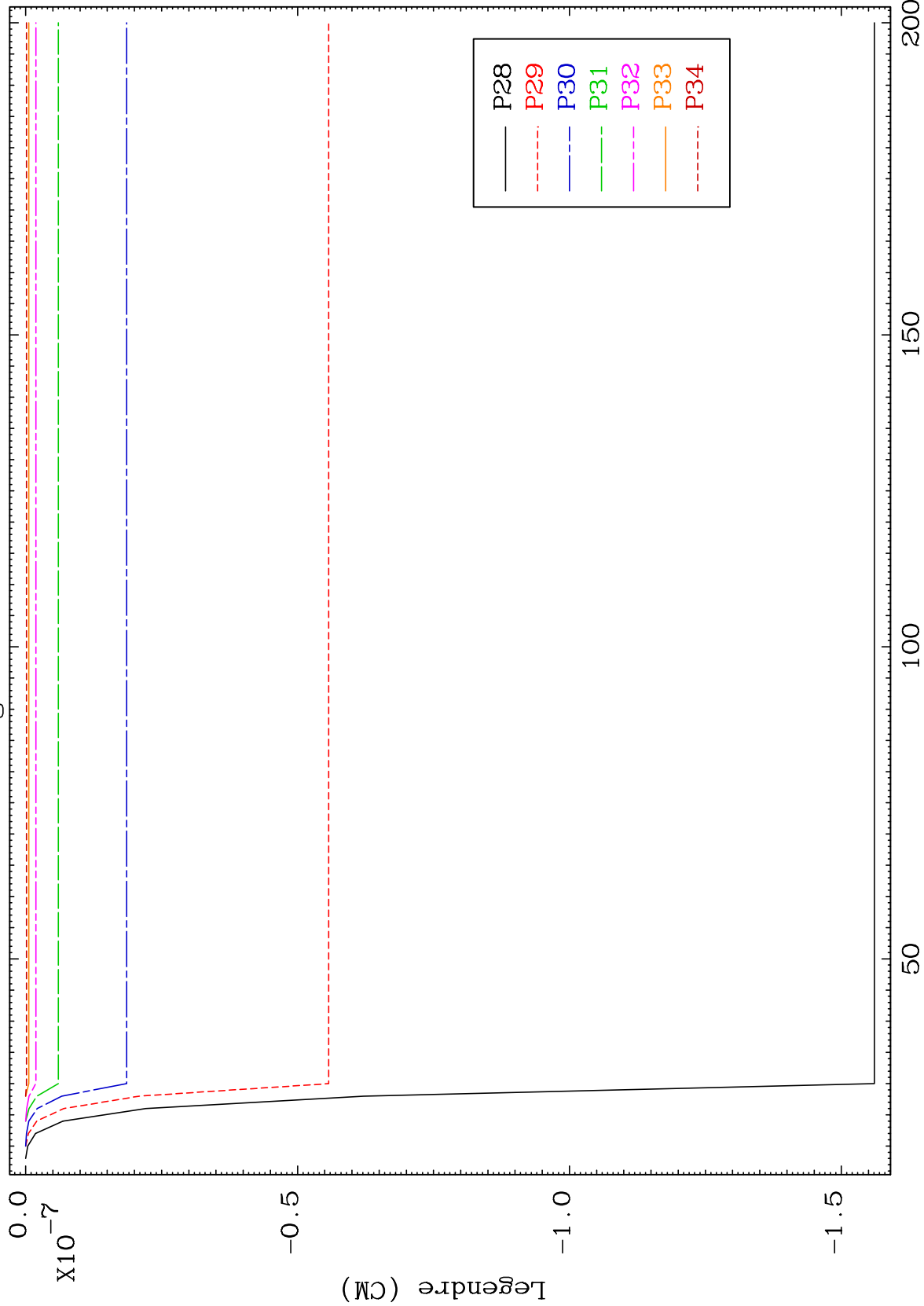
41-Nb-91

MAT 4119

MT= 62 (n,n') Level

41-Nb-91

Legendre Coefficients



57

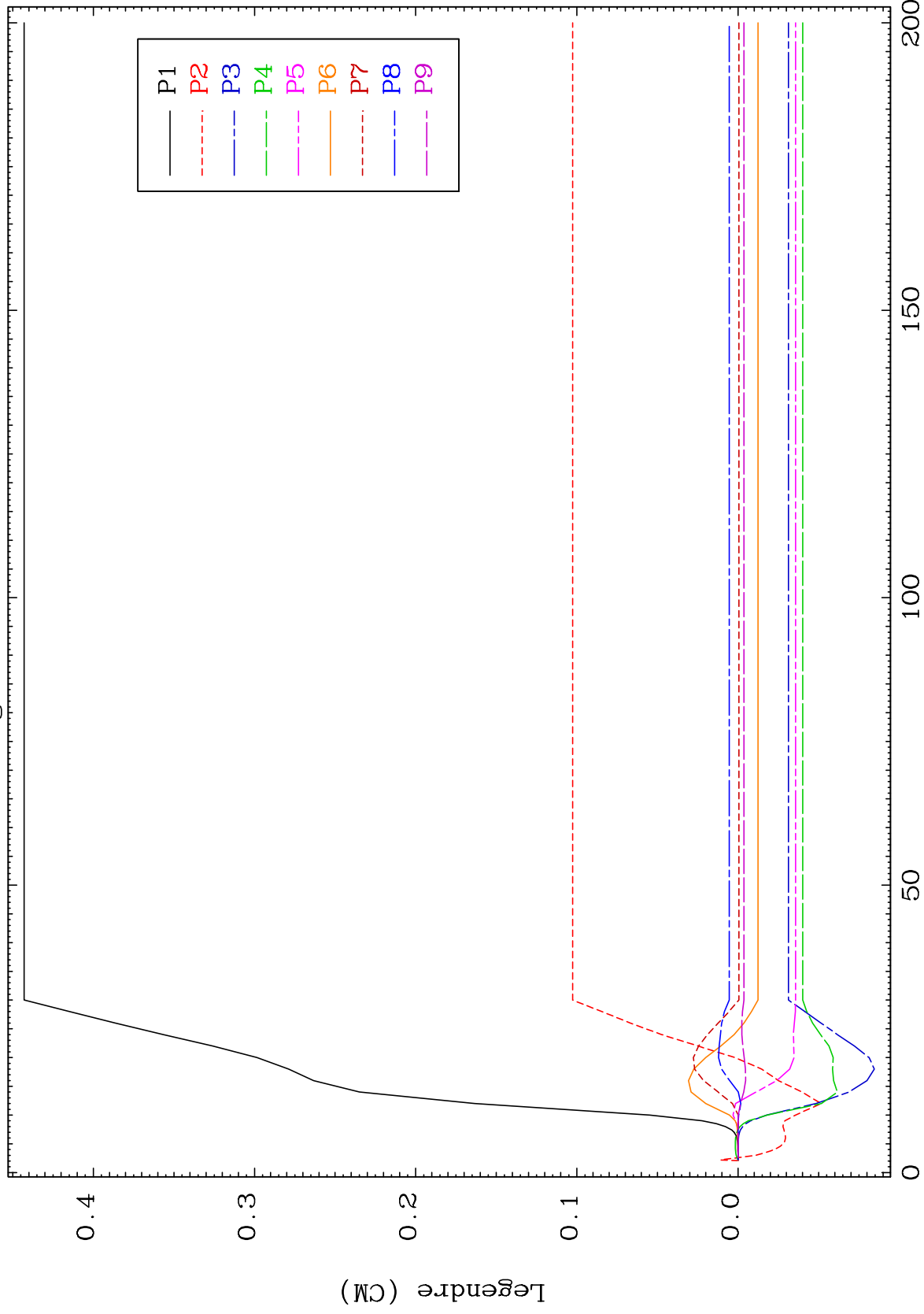
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

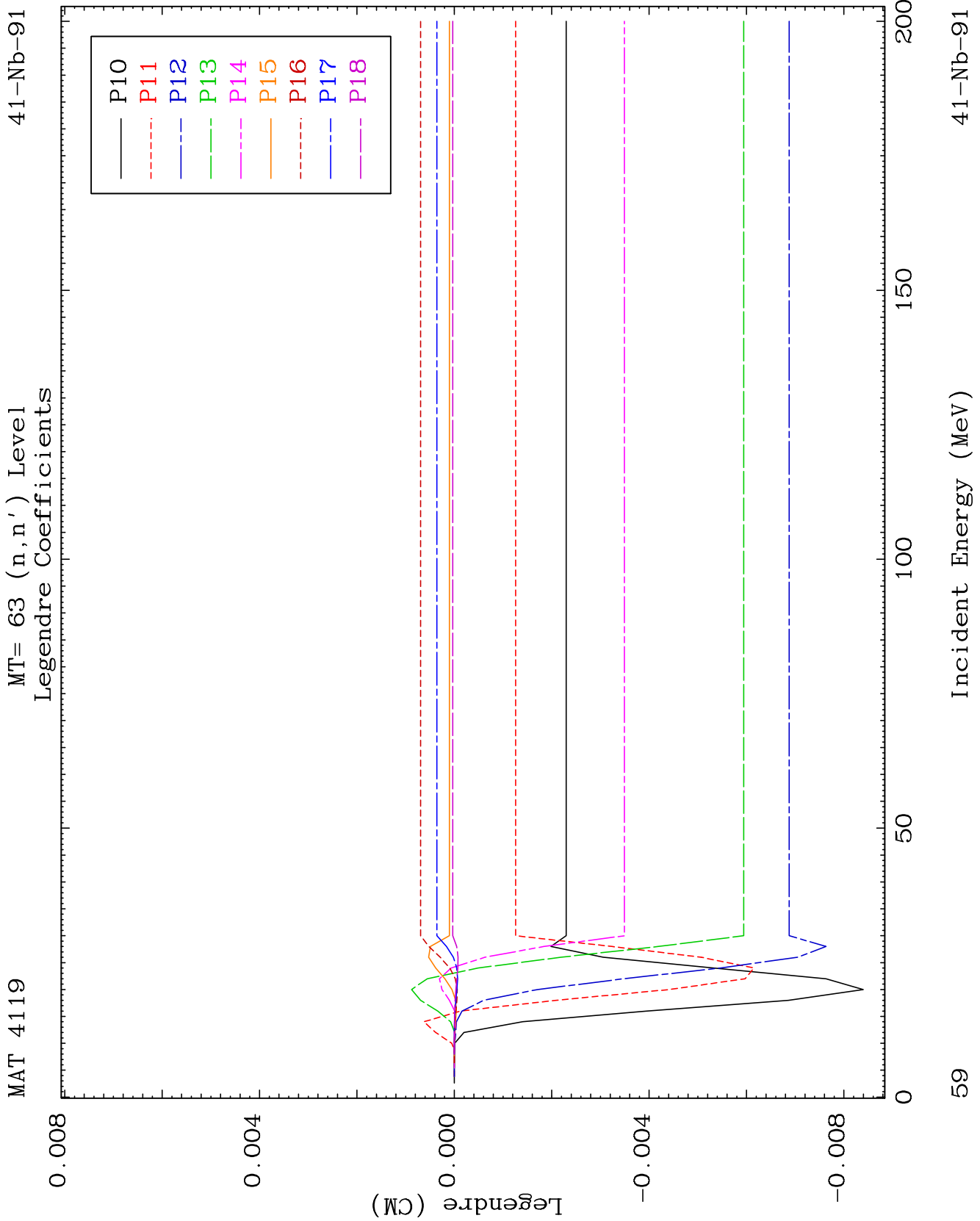
41-Nb-91



58

Incident Energy (MeV)

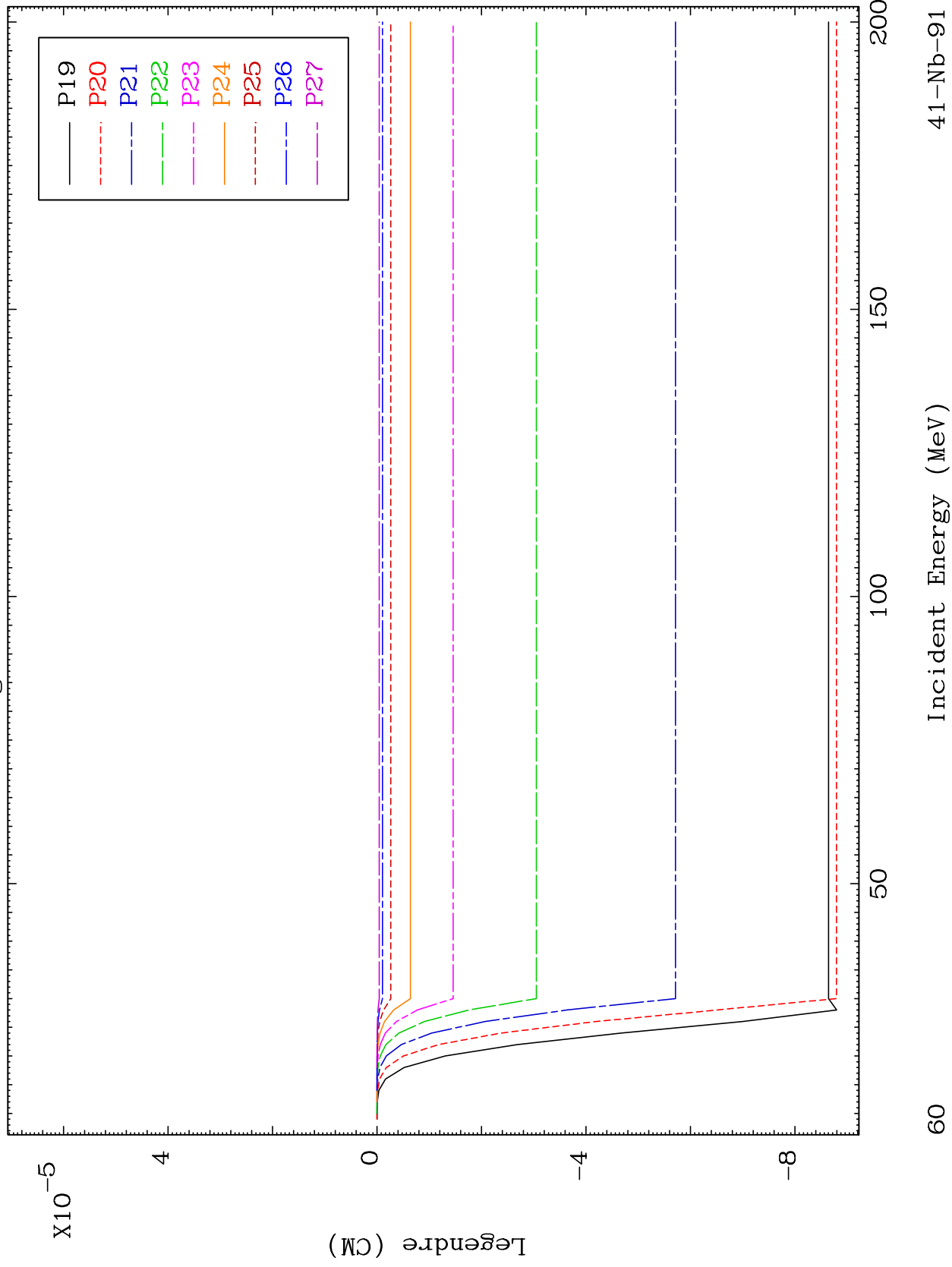
41-Nb-91



MAT 4119

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

41-Nb-91

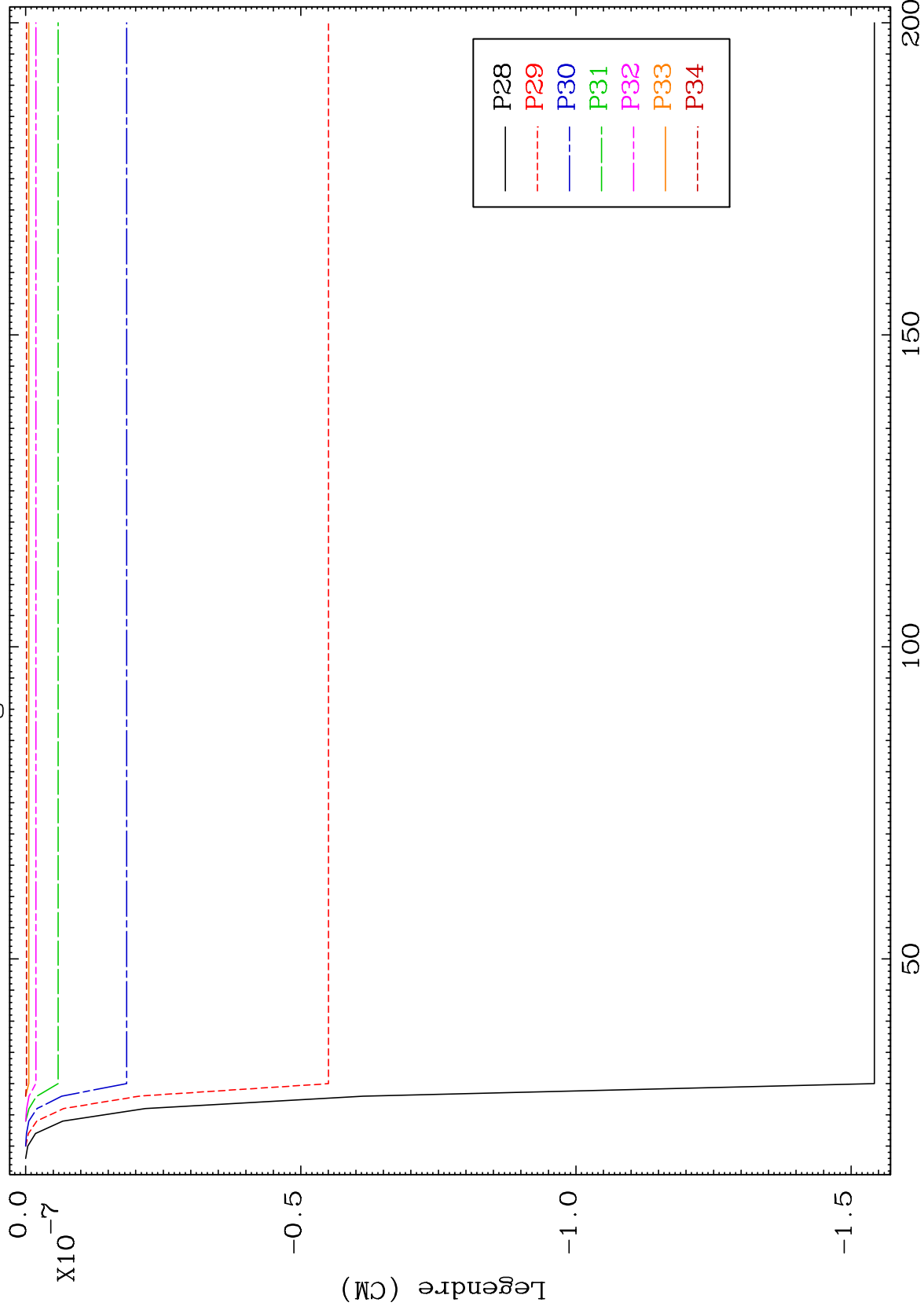


MAT 4119

MT= 63 (n,n') Level

41-Nb-91

Legendre Coefficients



61

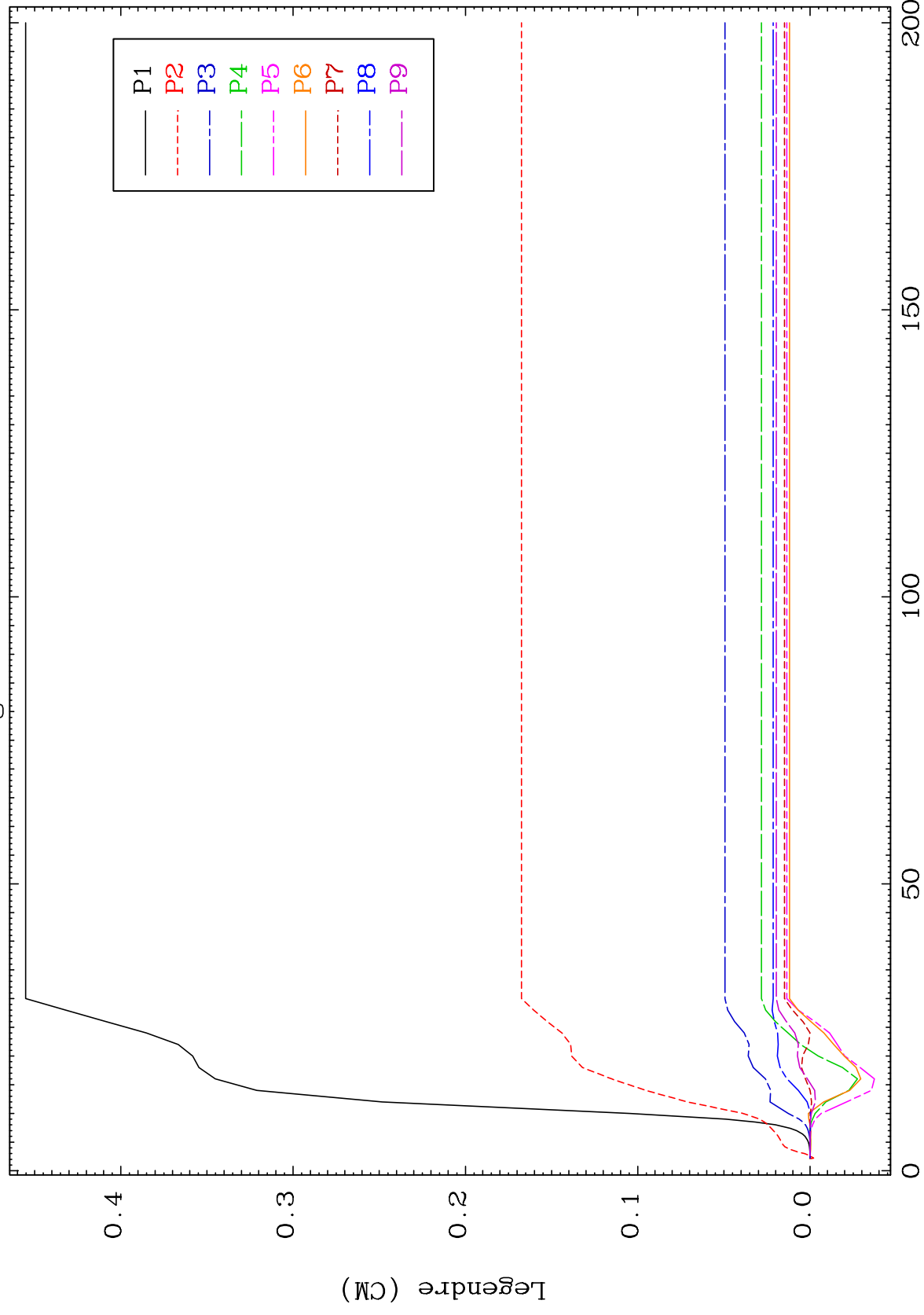
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



62

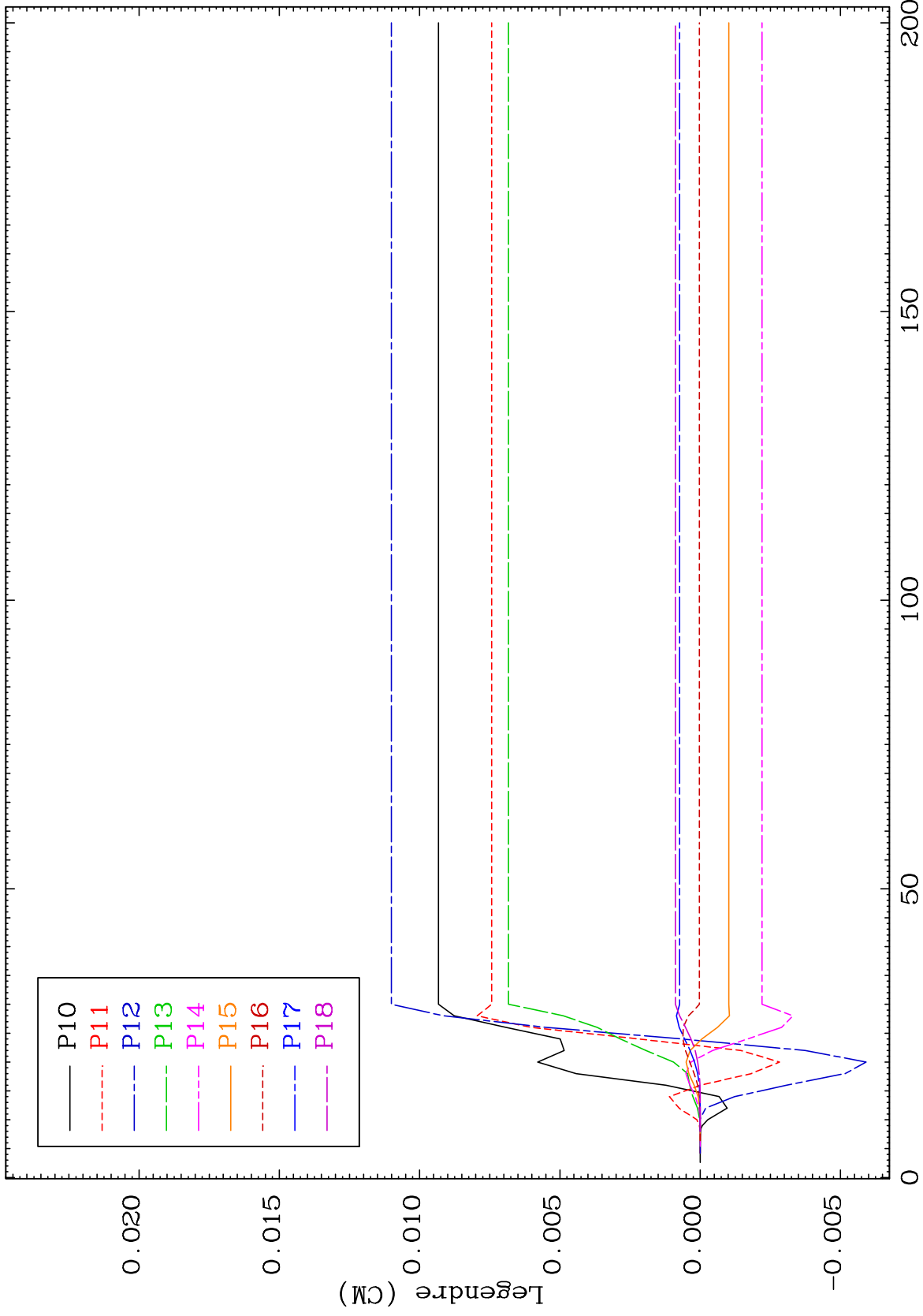
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



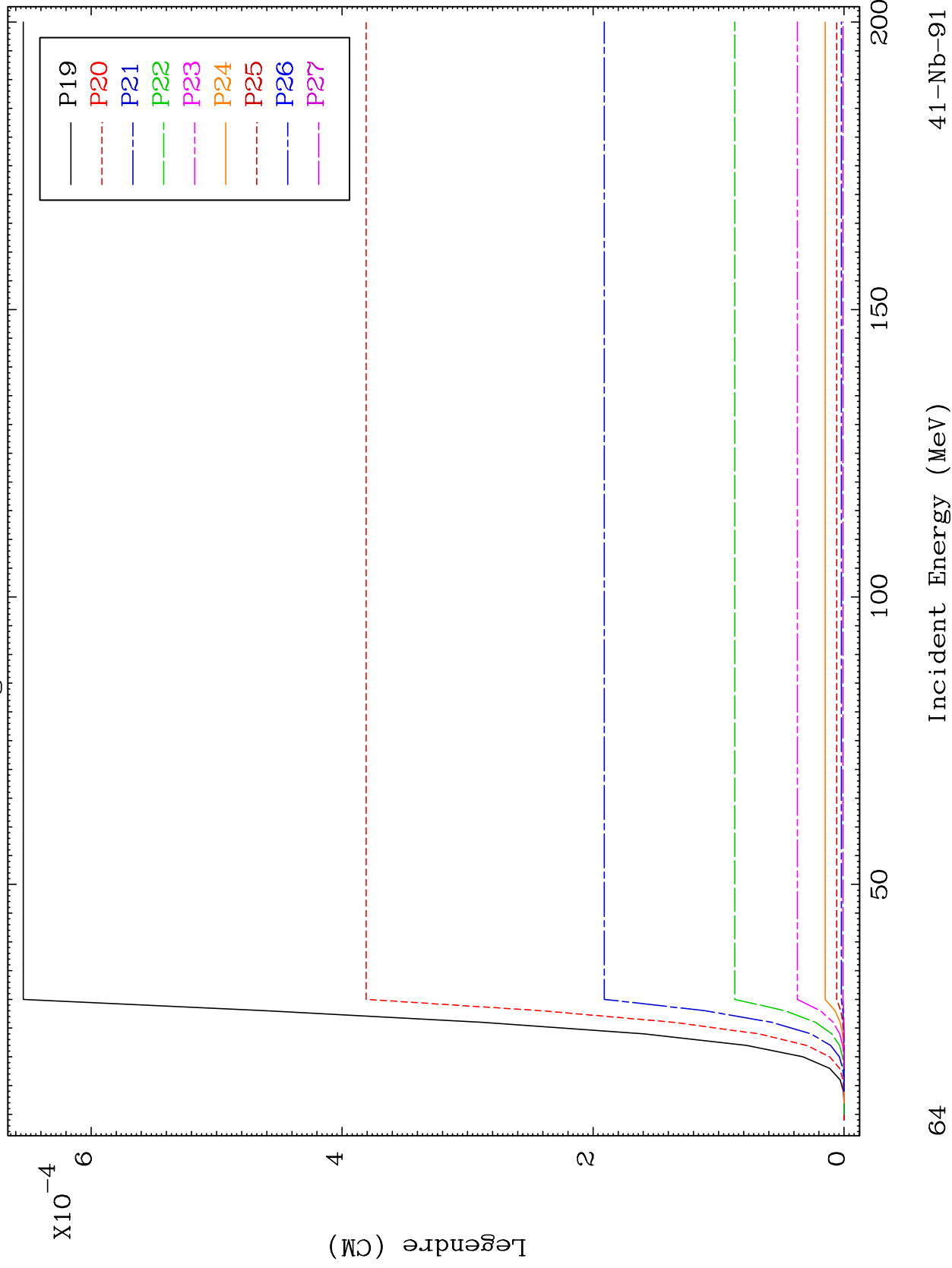
63

41-Nb-91

MAT 4119

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

41-Nb-91



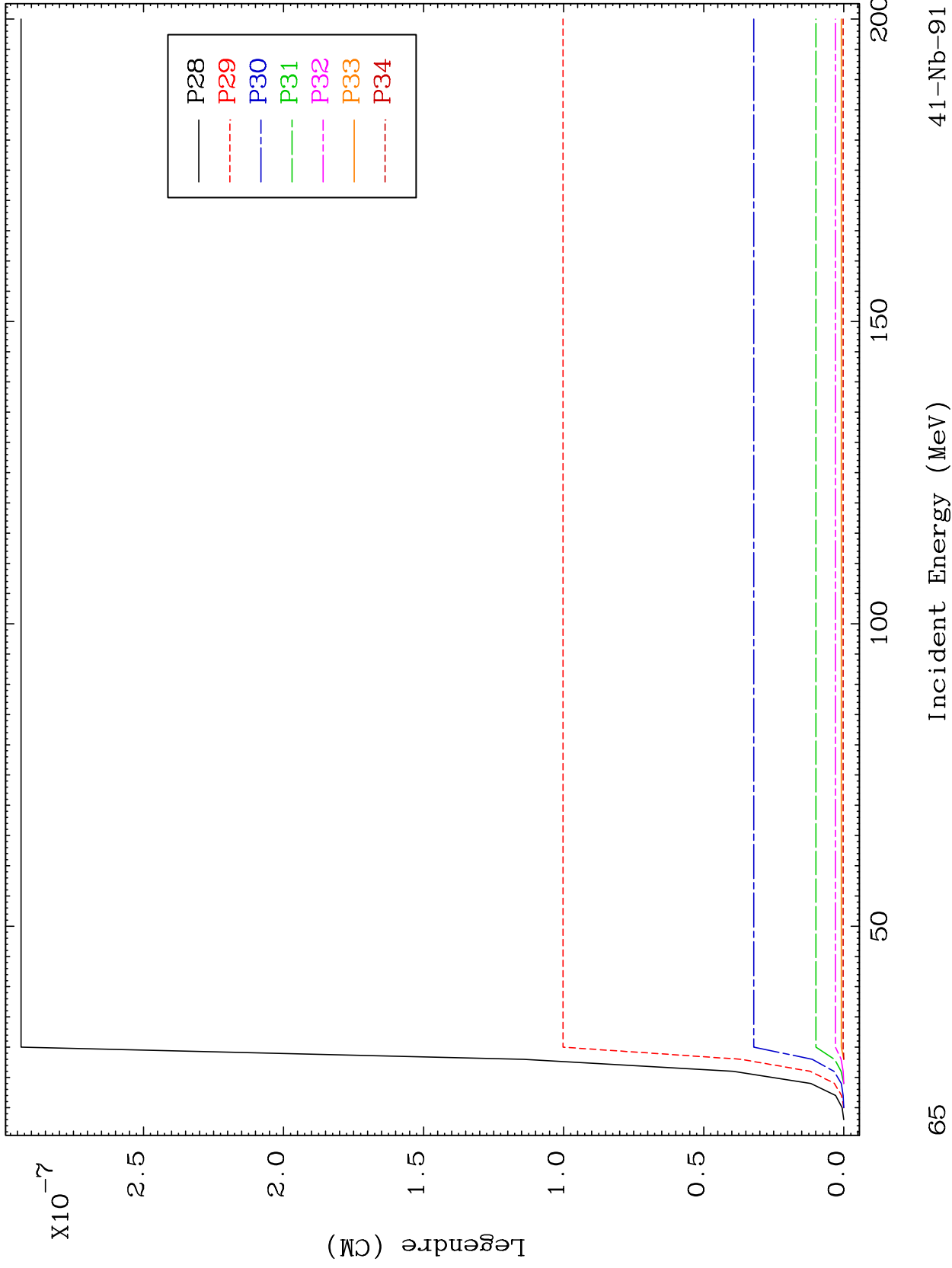
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41-Nb-91

MAT 4119

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

41-Nb-91



65

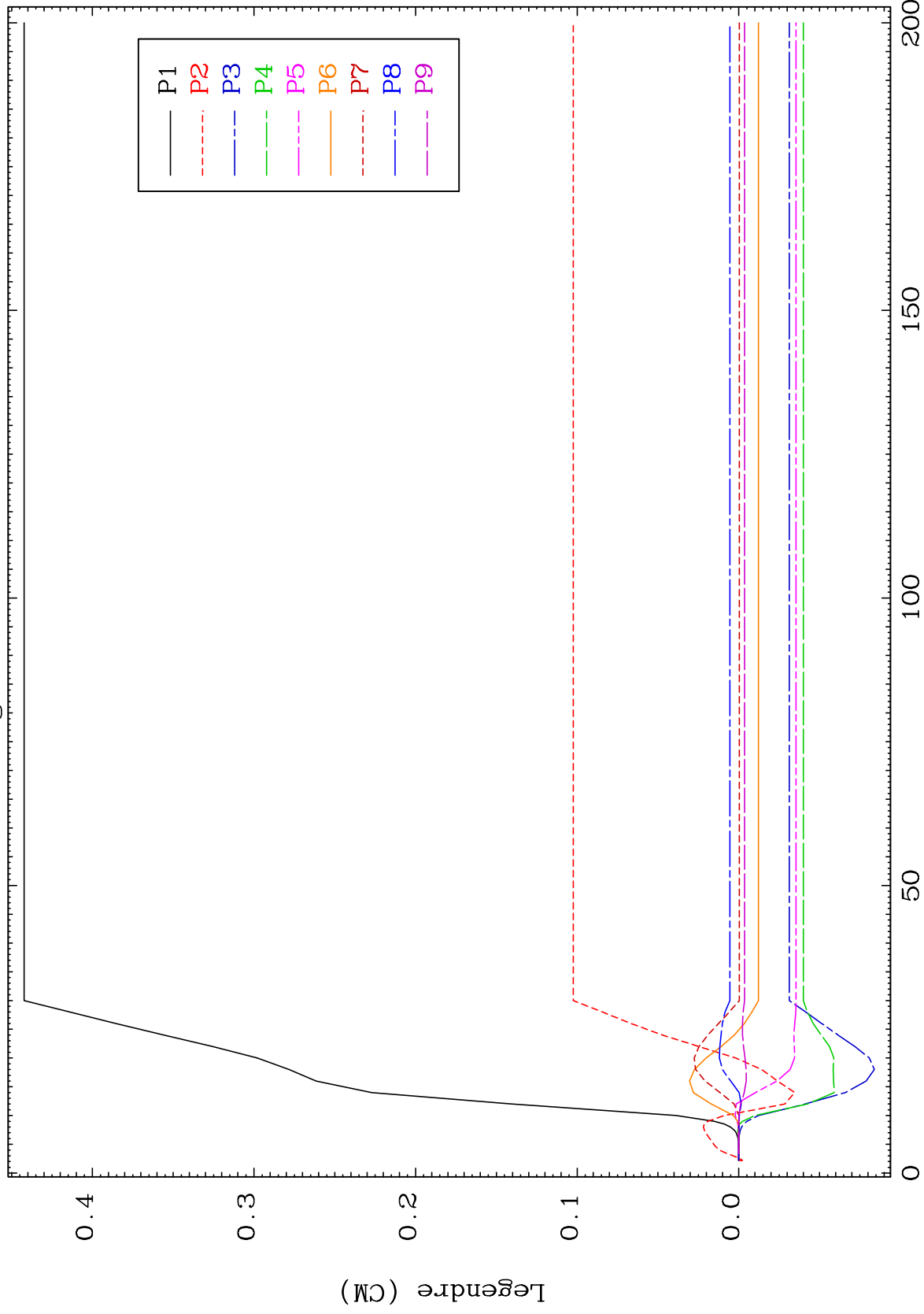
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



66

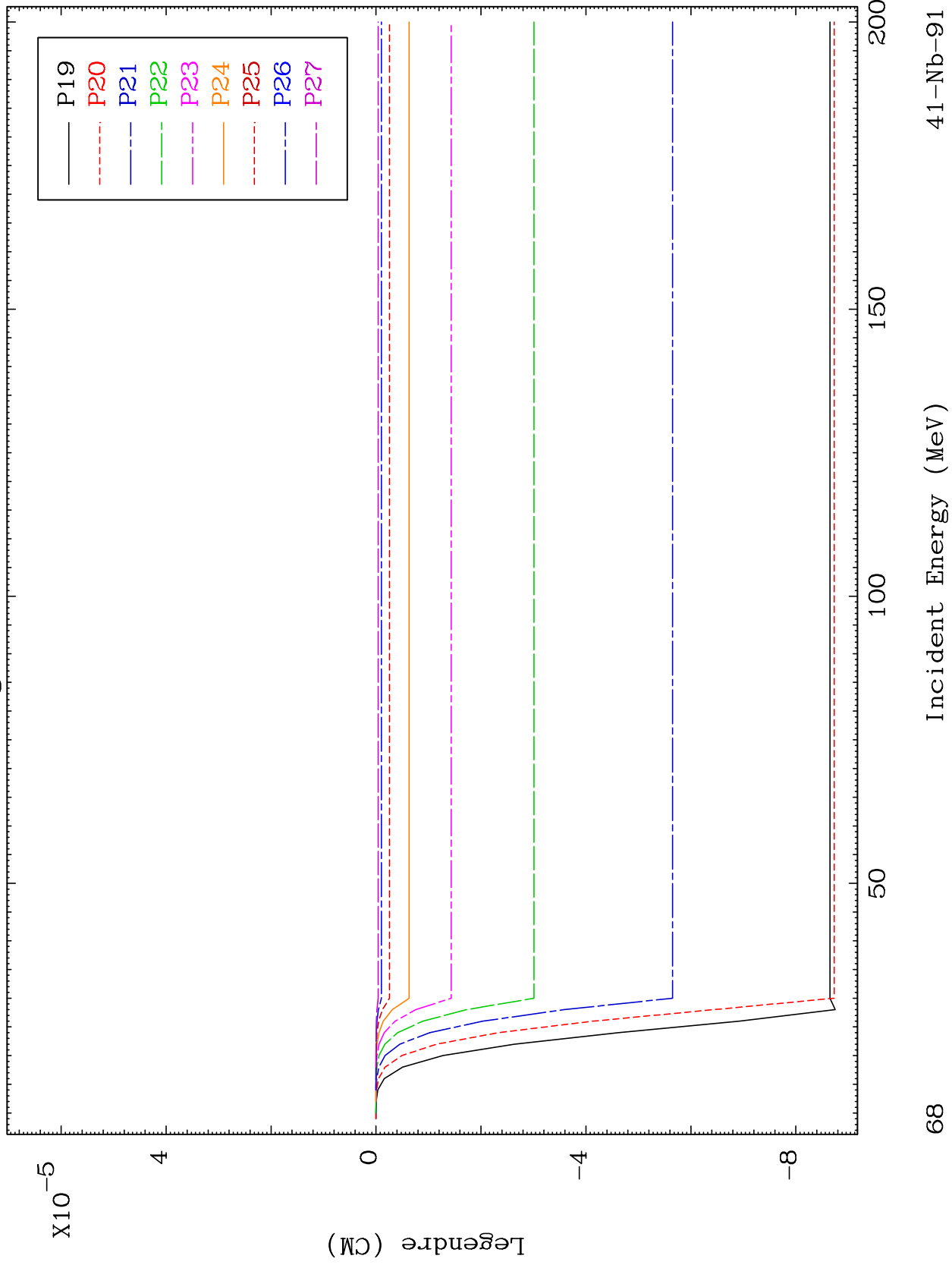
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91

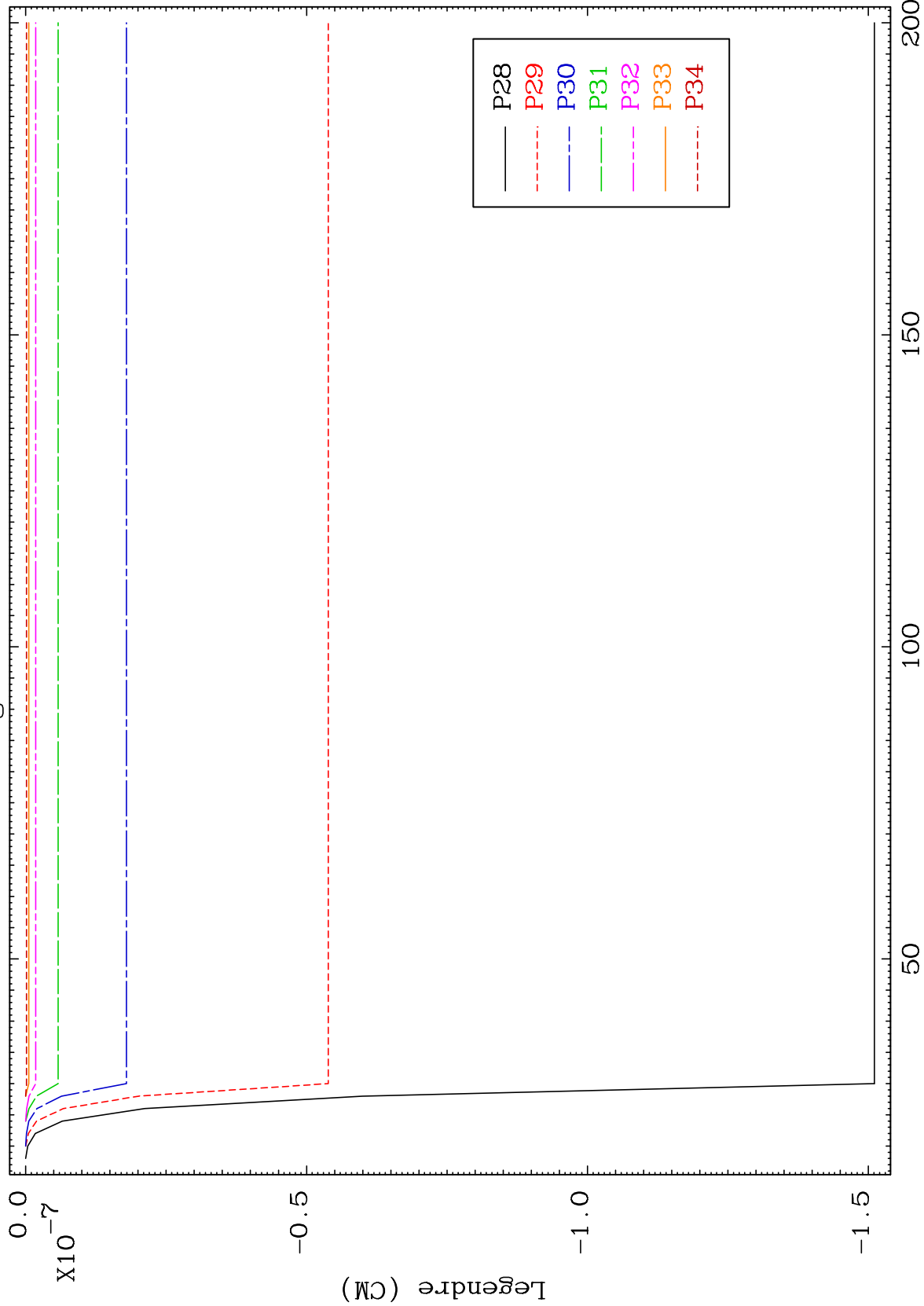


MAT 4119

MT= 65 (n,n') Level

41-Nb-91

Legendre Coefficients



69

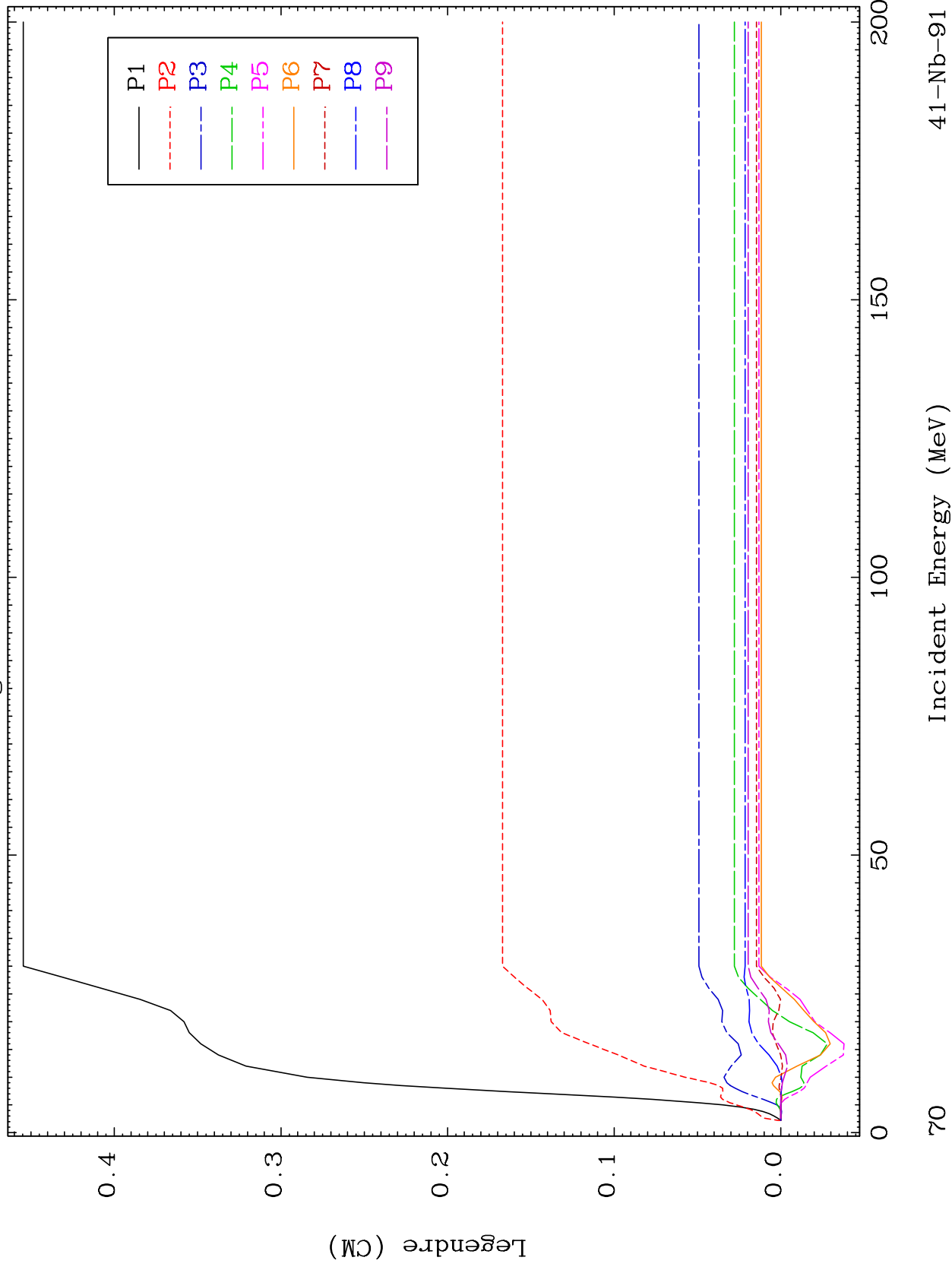
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



41-Nb-91

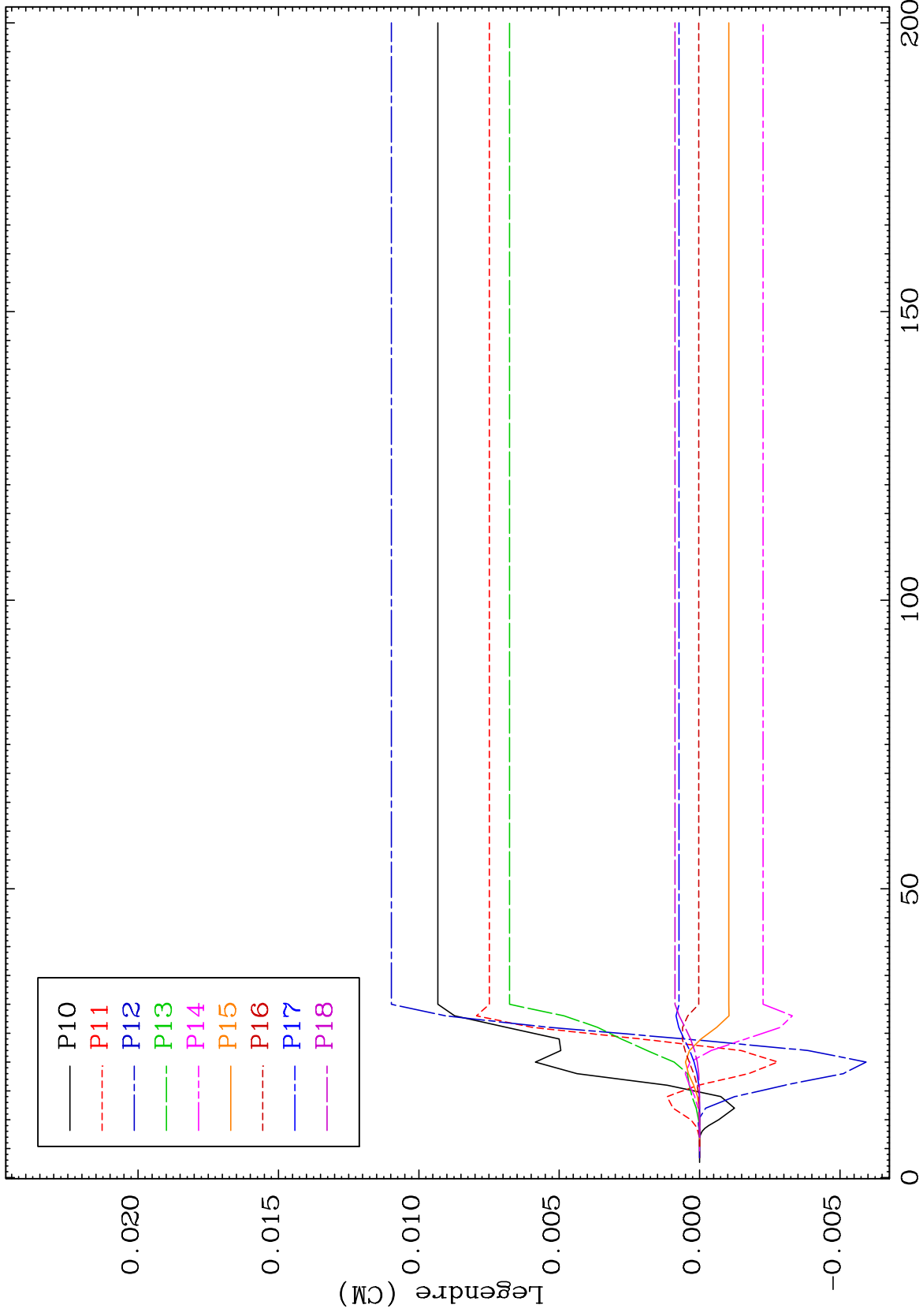
Incident Energy (MeV)

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MAT 4119

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

41-Nb-91



71

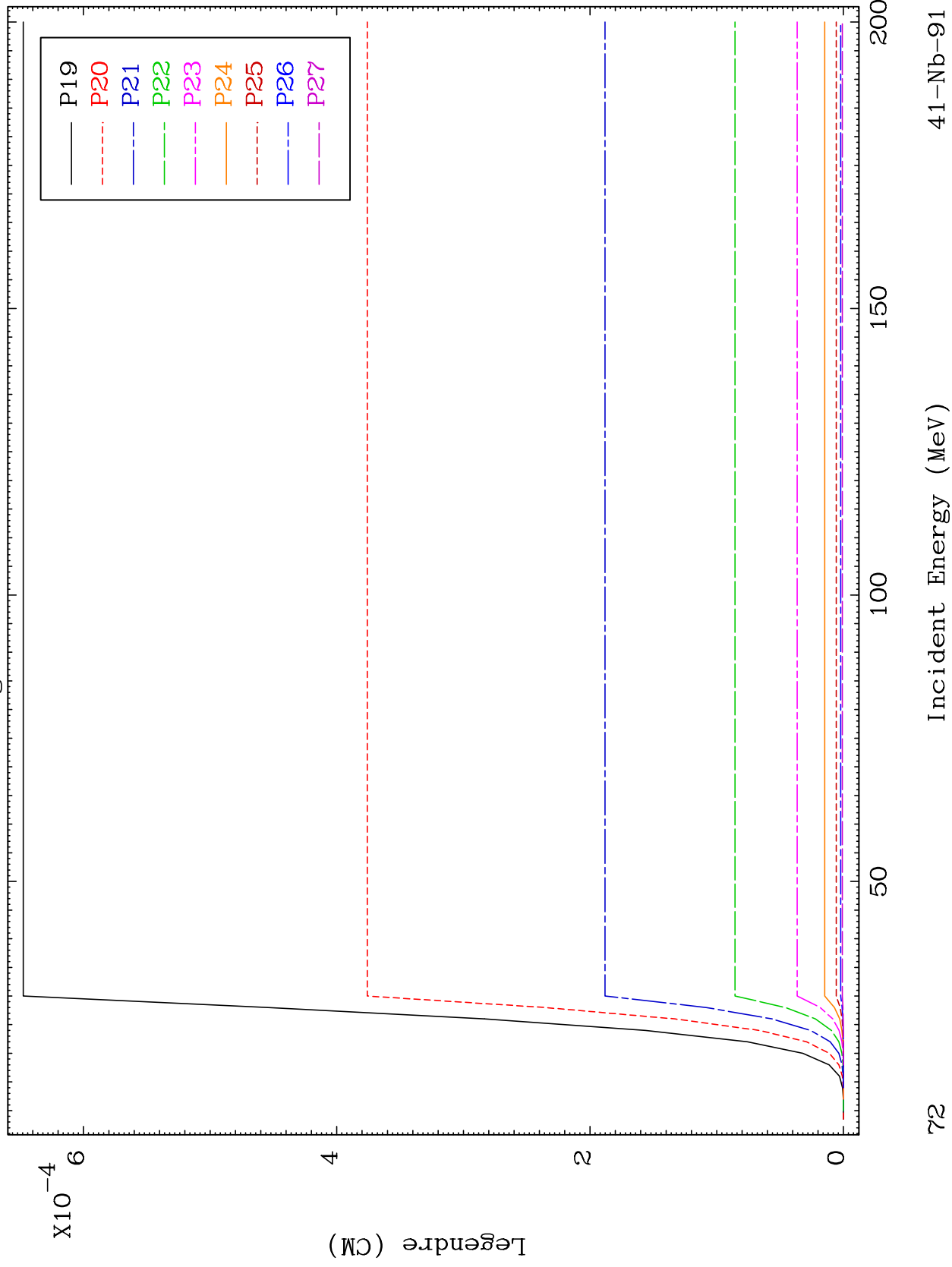
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

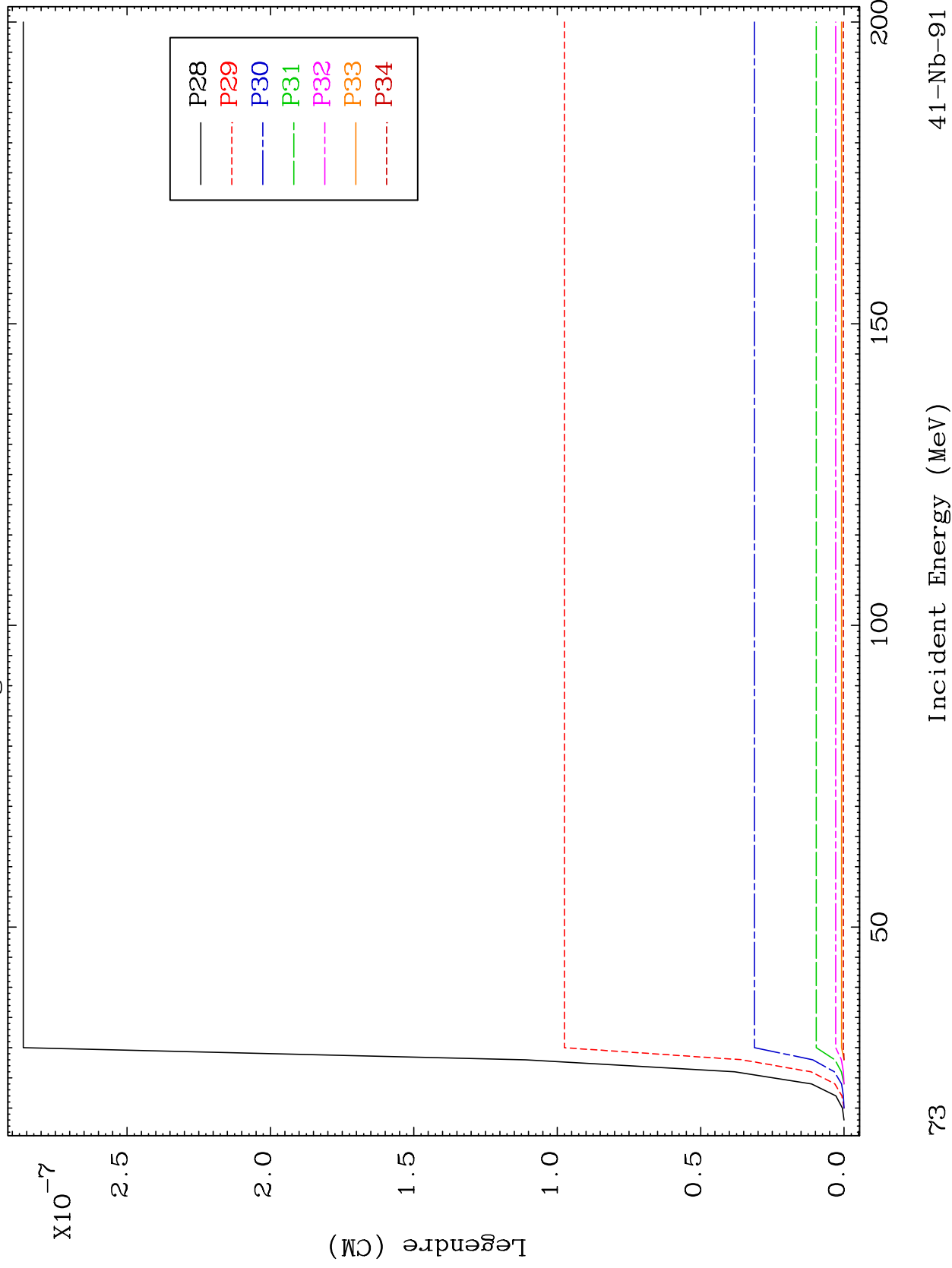
41-Nb-91



MAT 4119

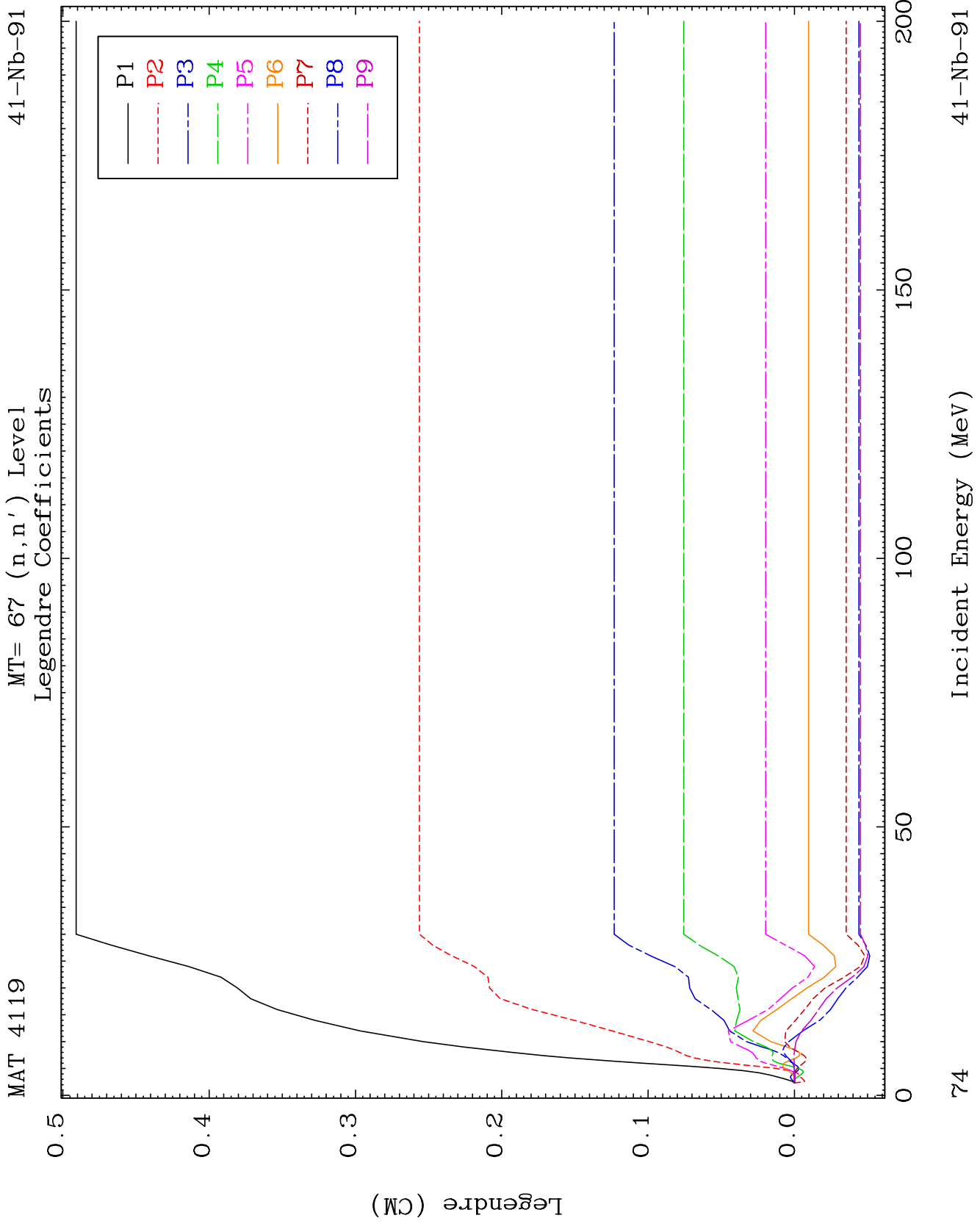
MT= 66 (n,n') Level
Legendre Coefficients

41-Nb-91



73

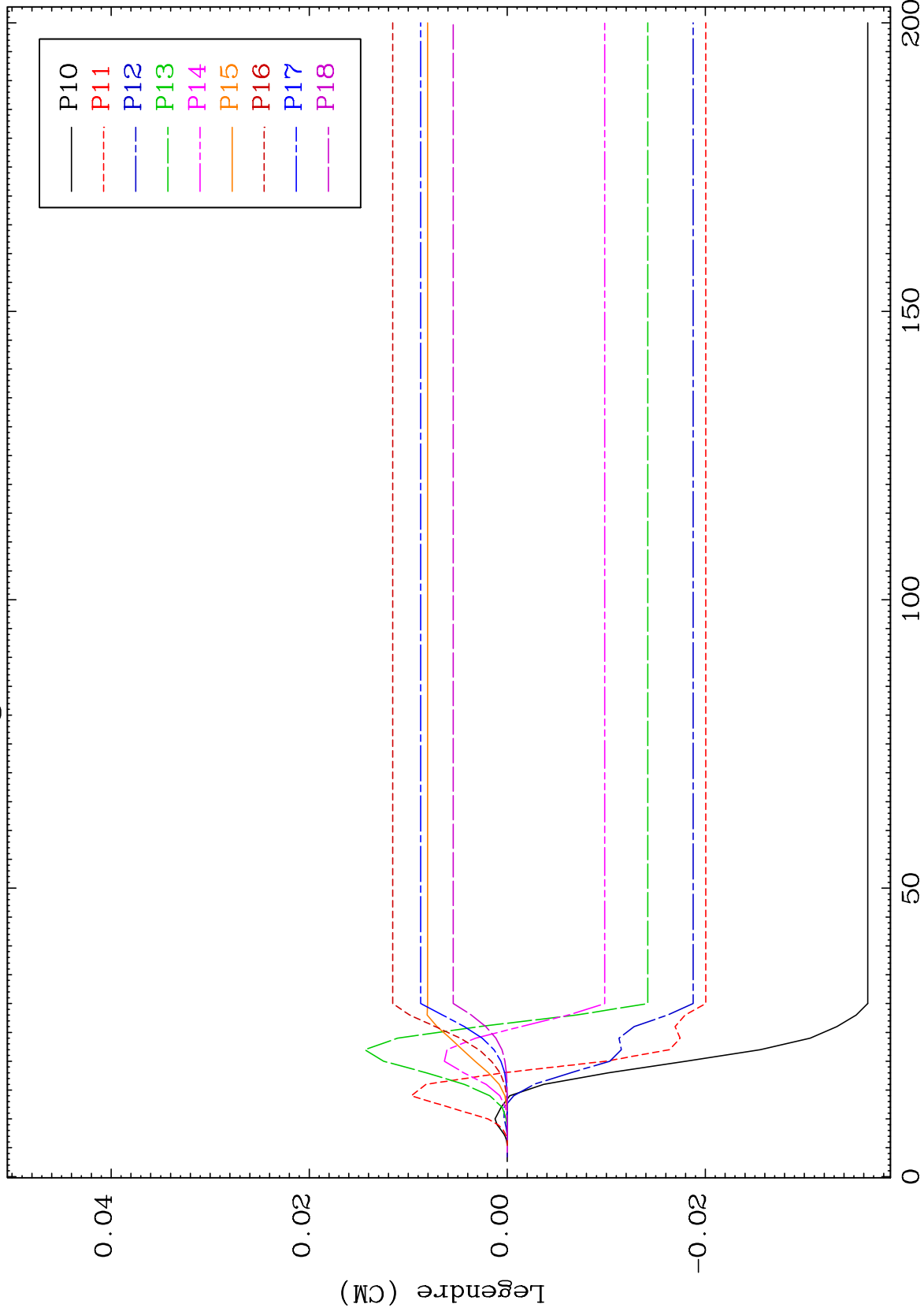
41-Nb-91



MAT 4119

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

41-Nb-91



75

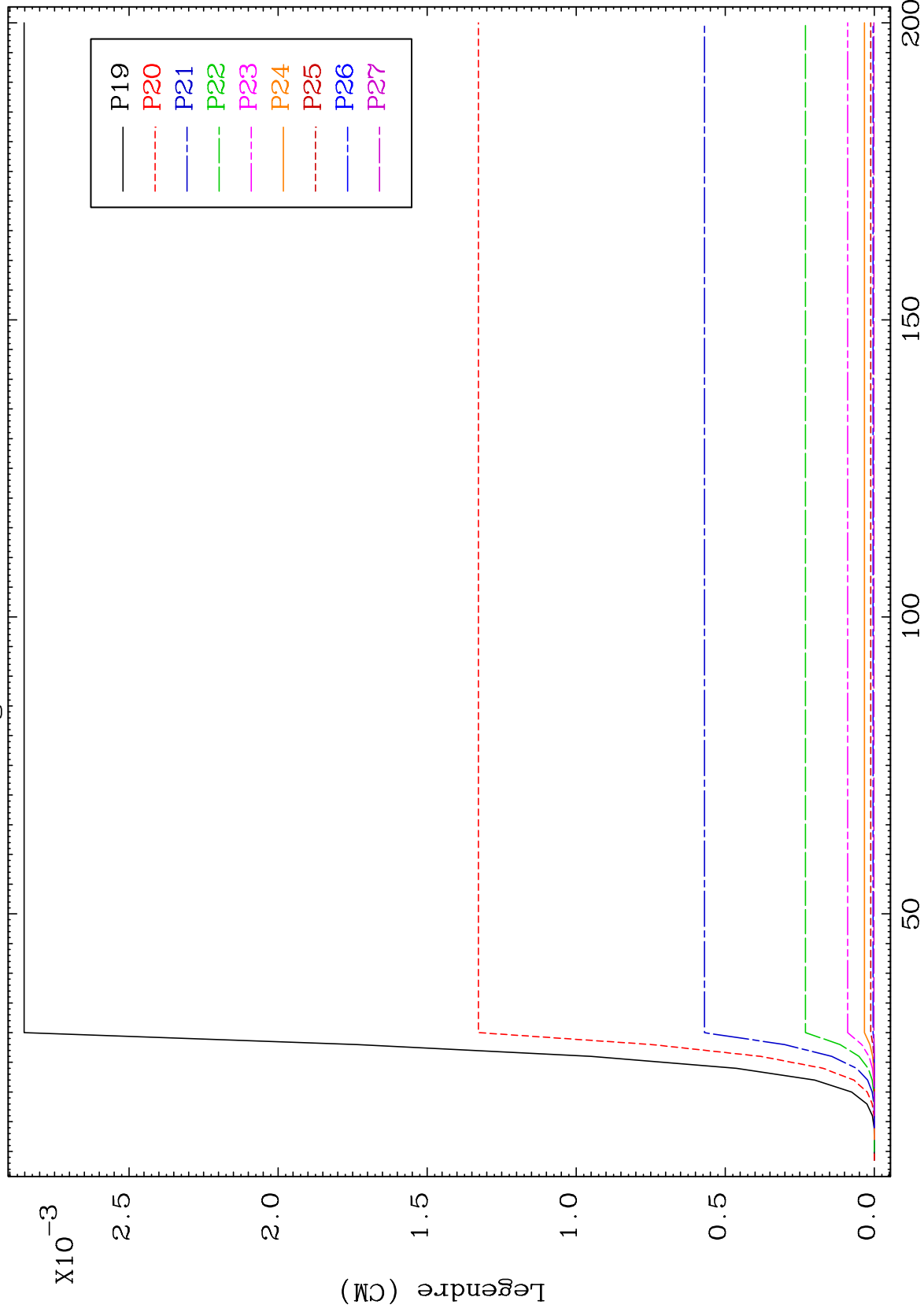
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



76

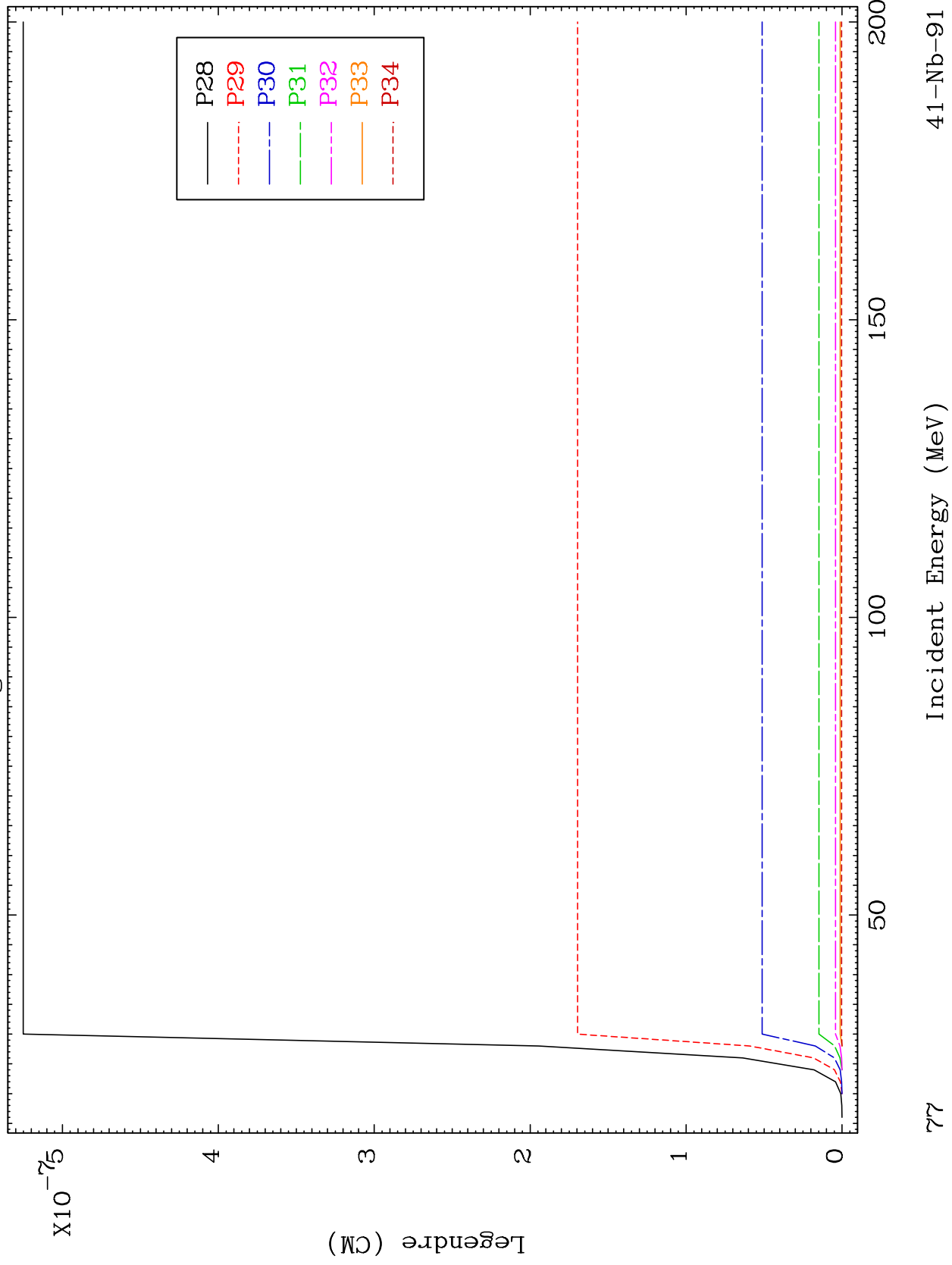
Incident Energy (MeV)

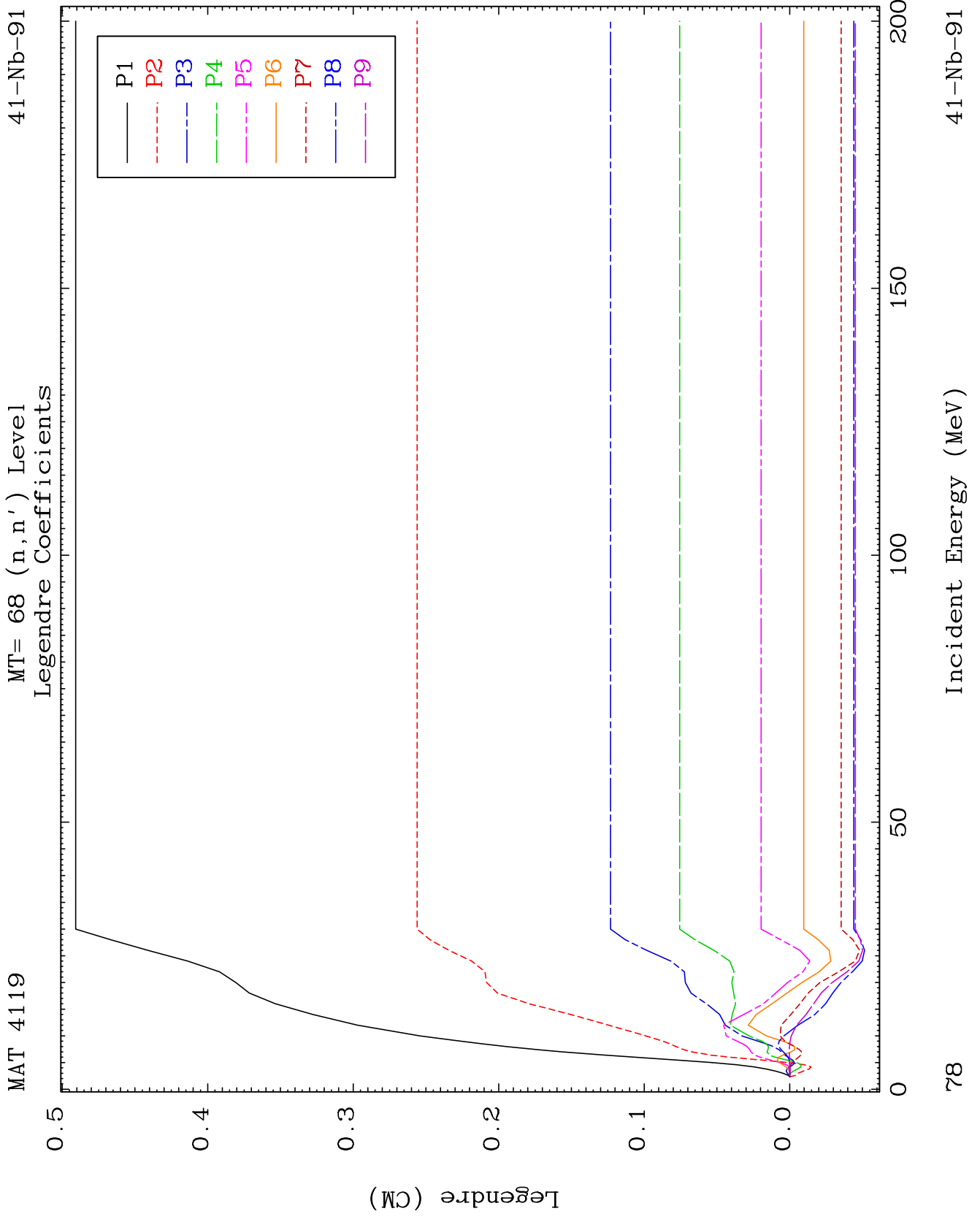
41-Nb-91

MAT 4119

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

41-Nb-91

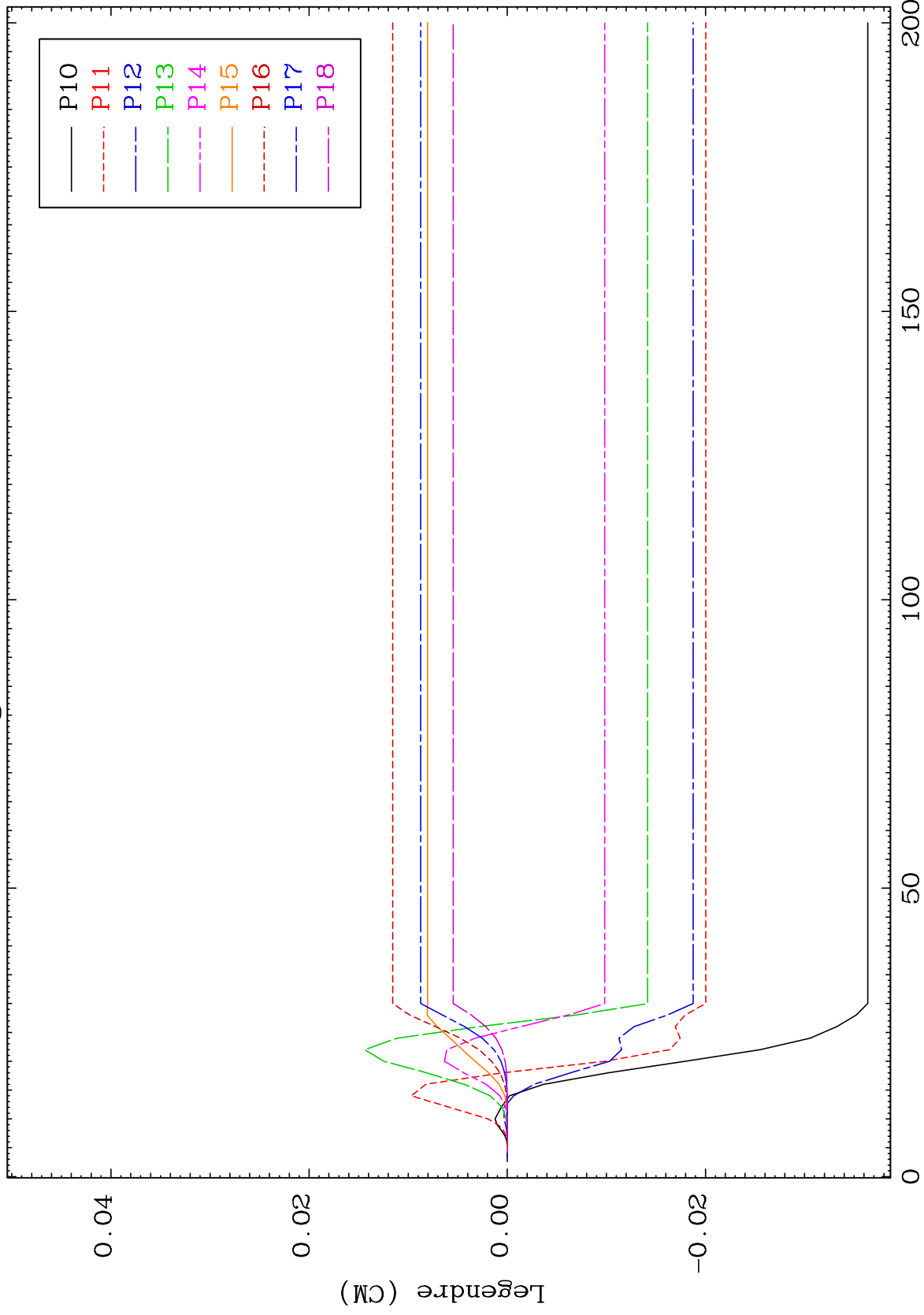




MAT 4119

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

41-Nb-91



79

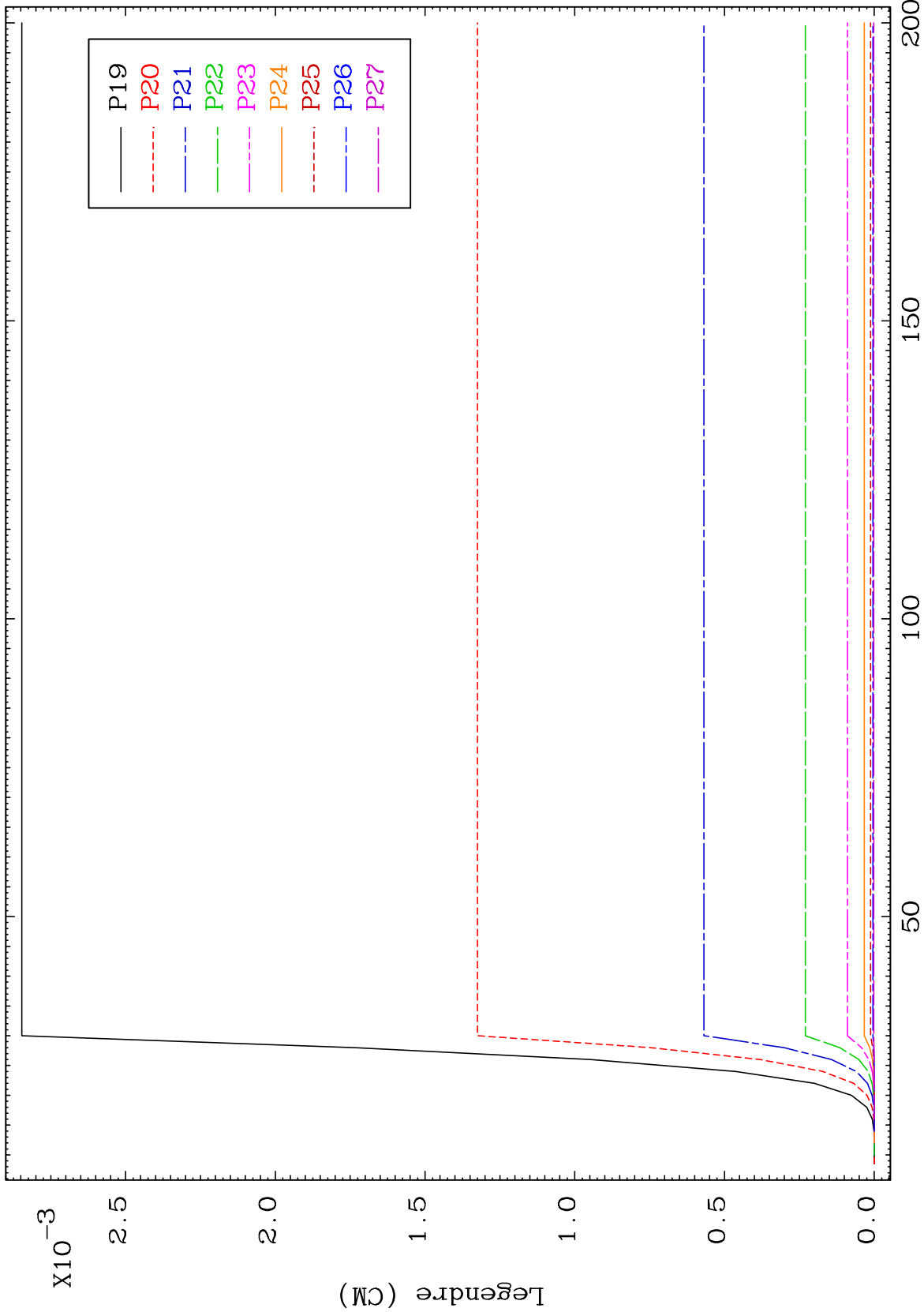
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



80

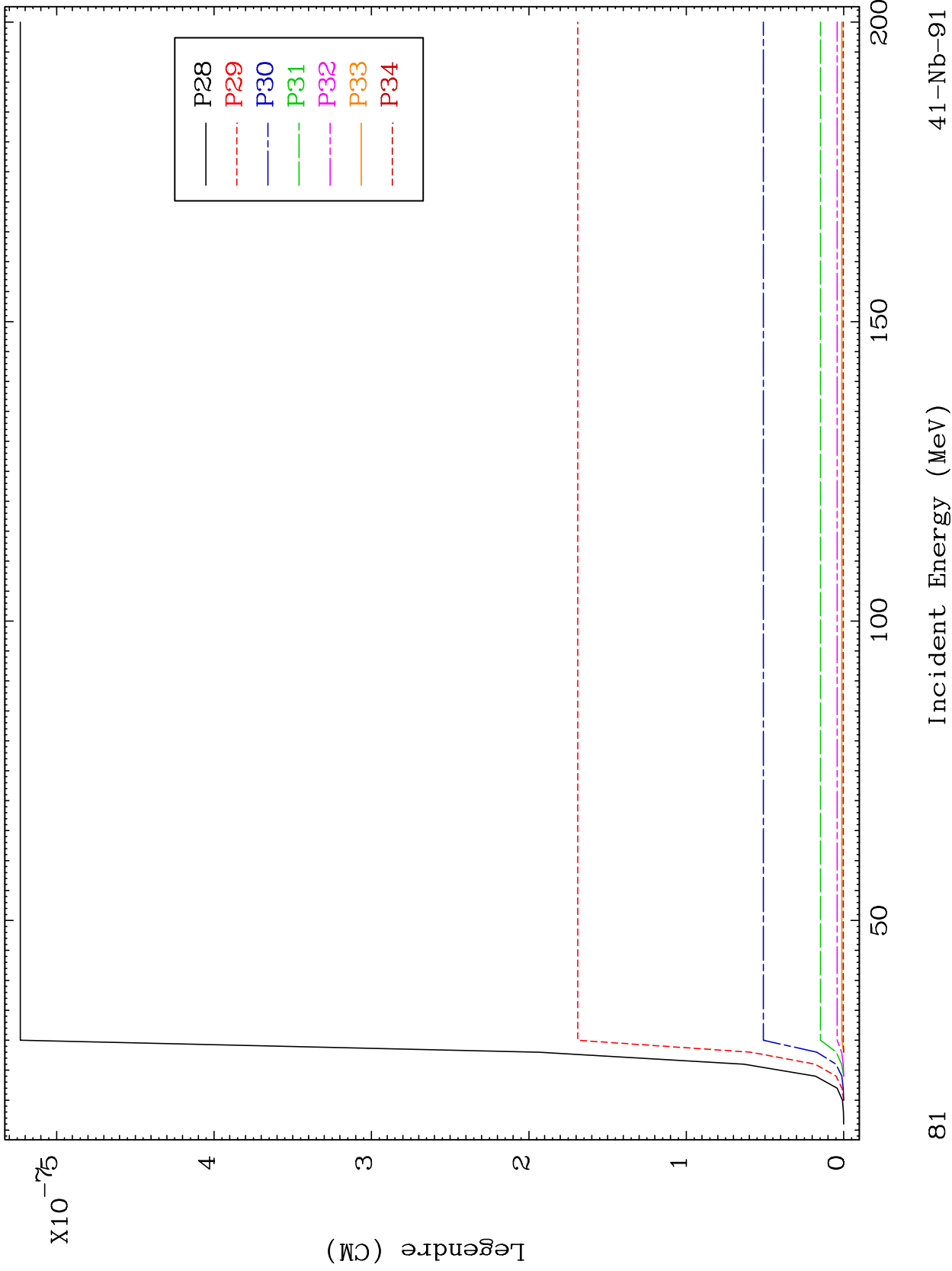
Incident Energy (MeV)

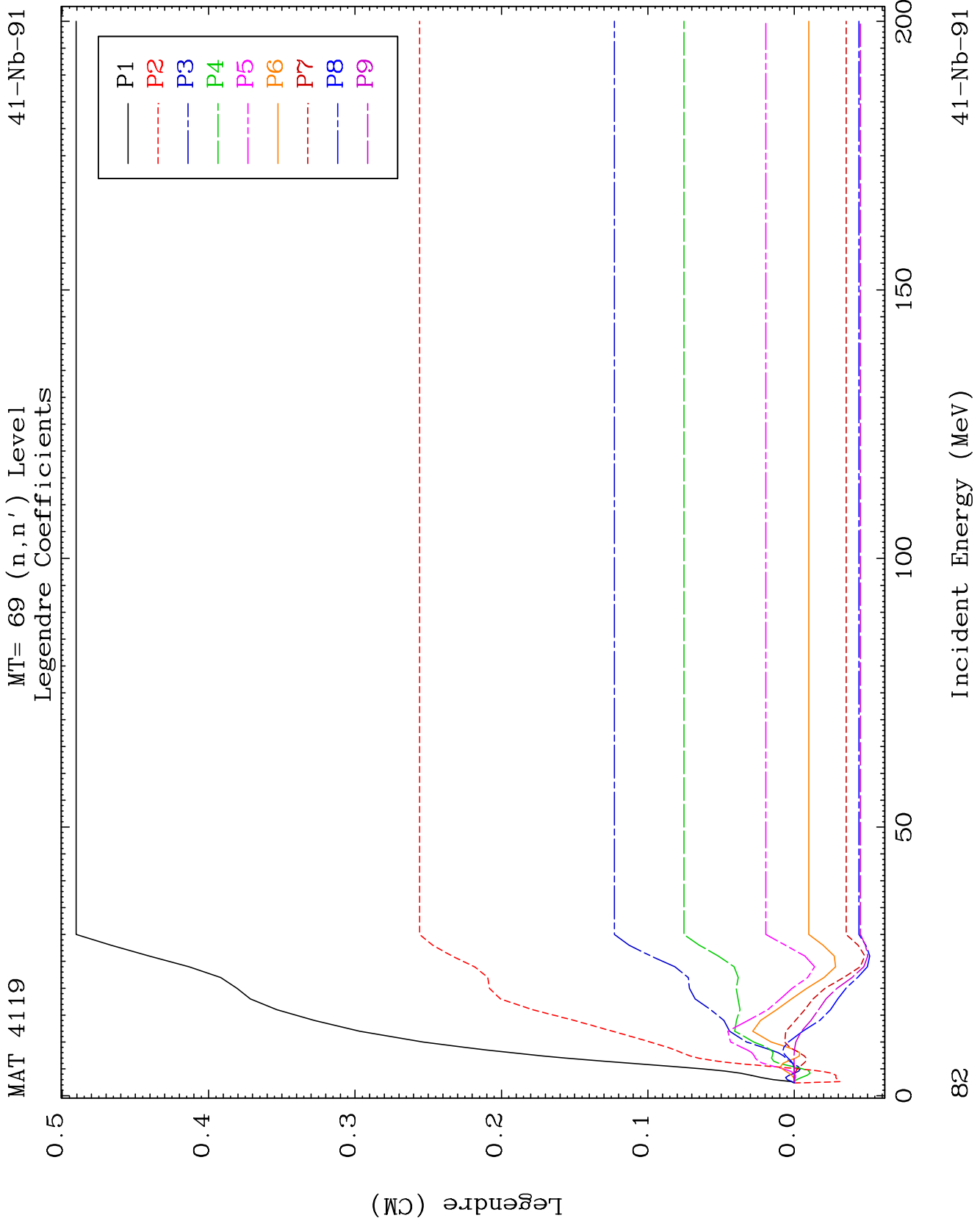
41-Nb-91

MAT 4119

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

41-Nb-91

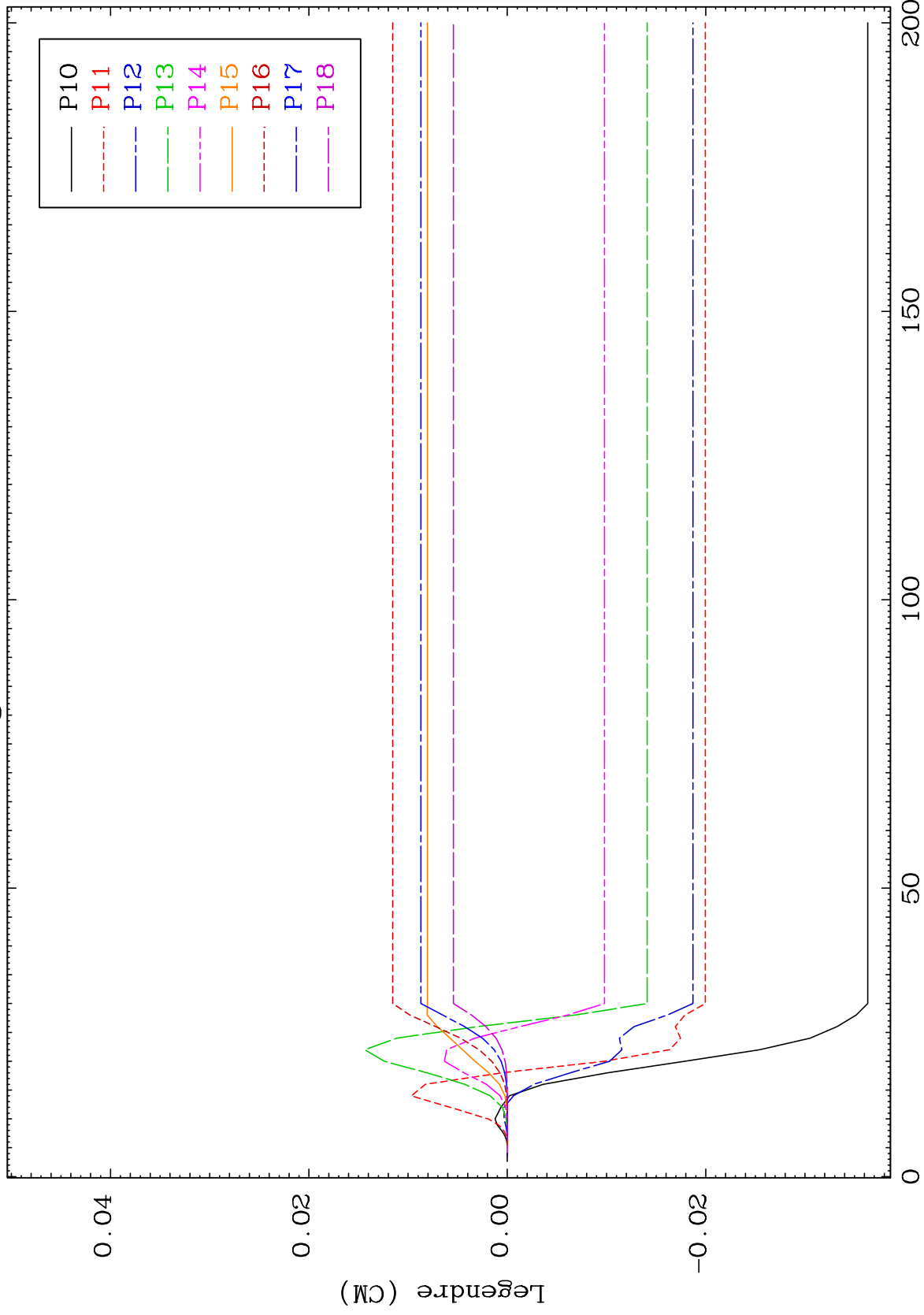




MAT 4119

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

41-Nb-91



83

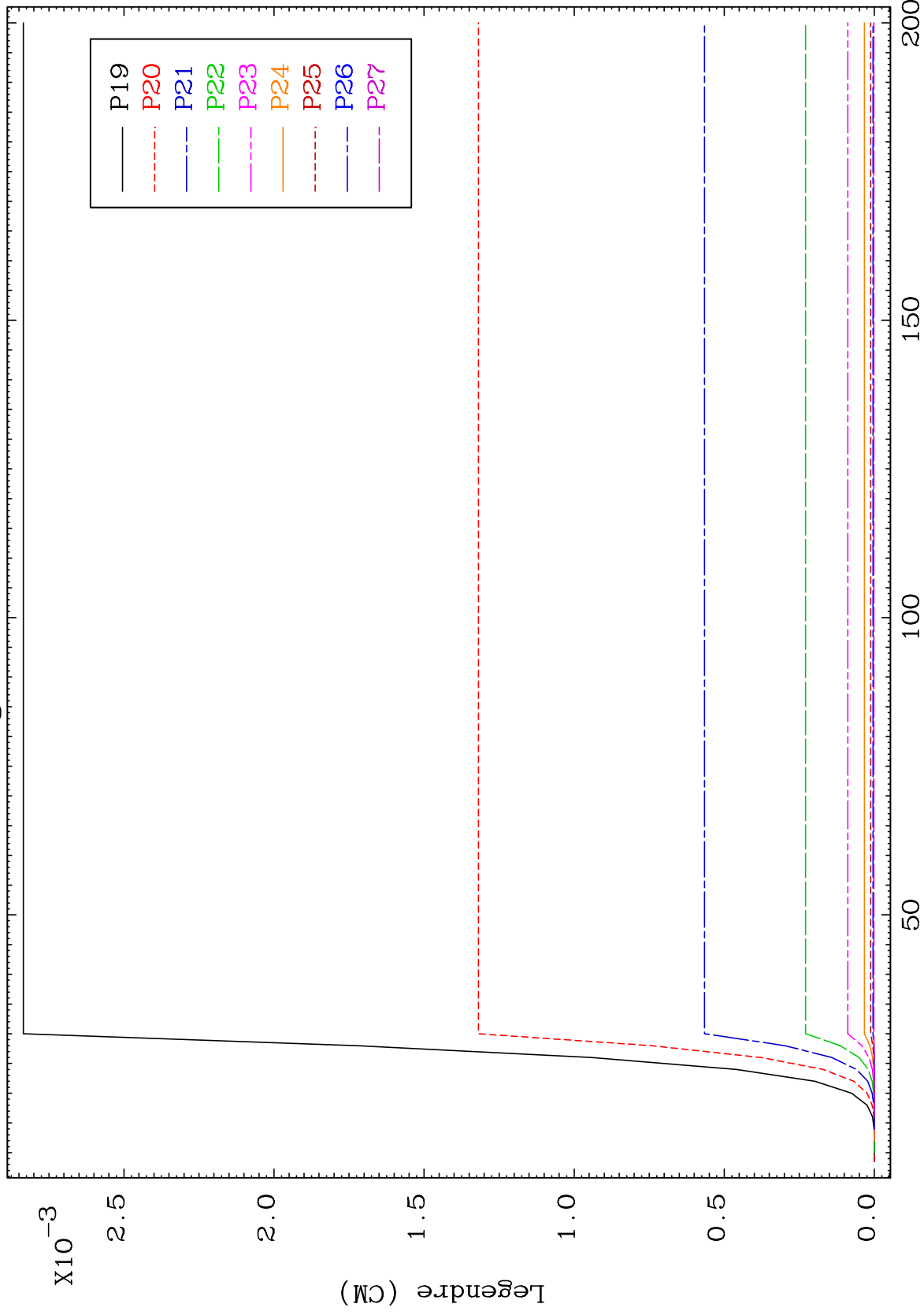
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



84

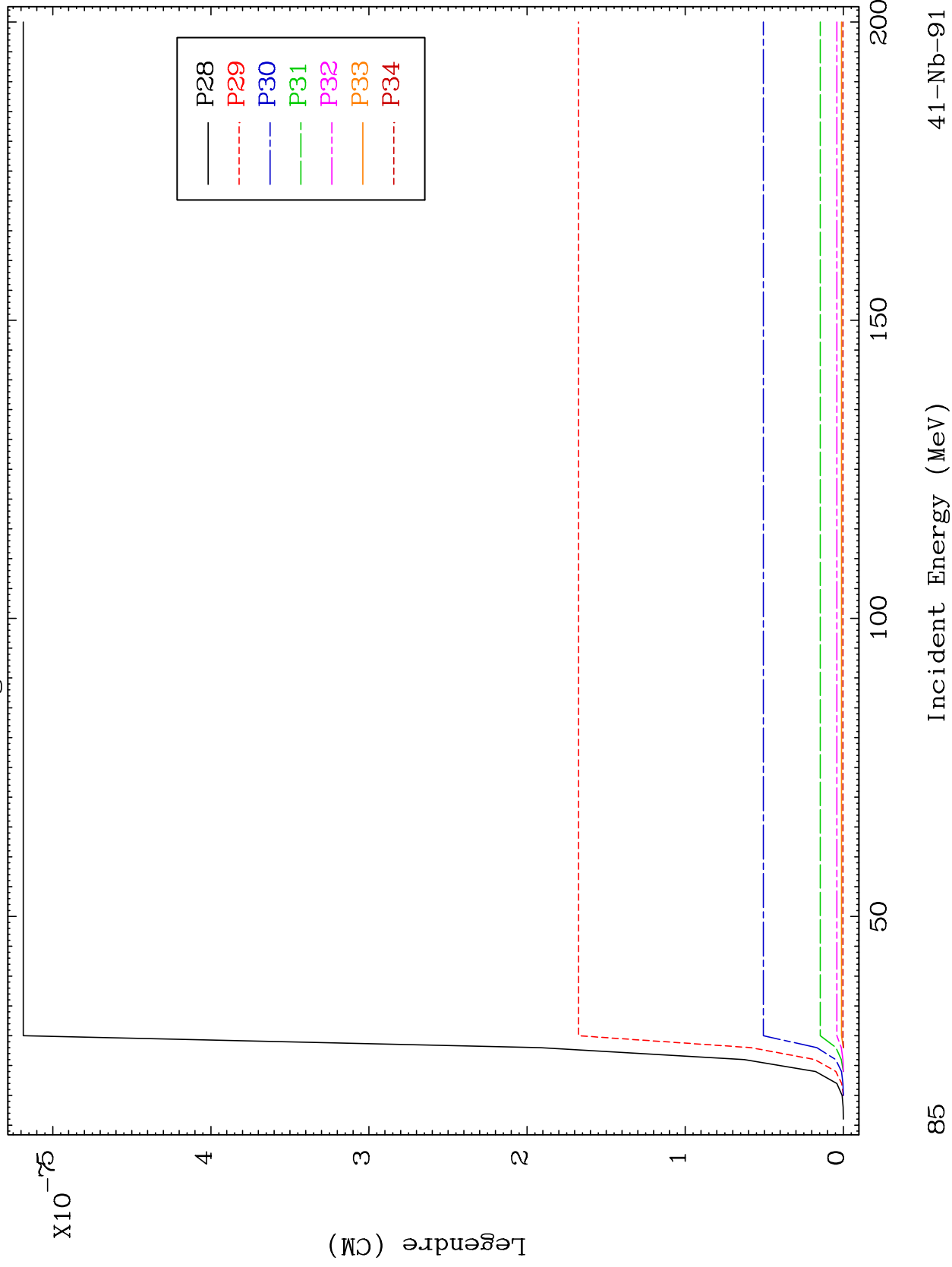
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

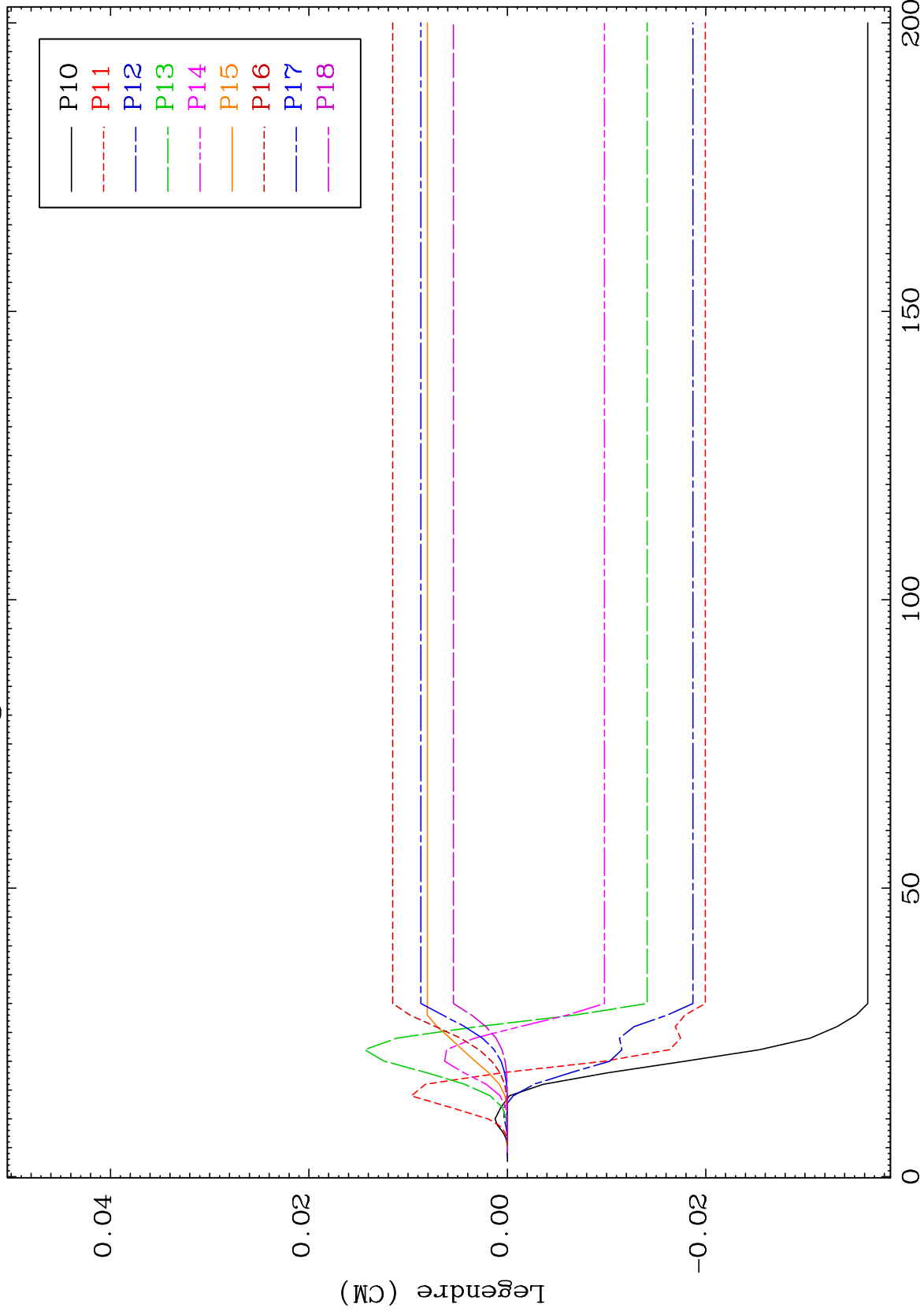
41-Nb-91



MAT 4119

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

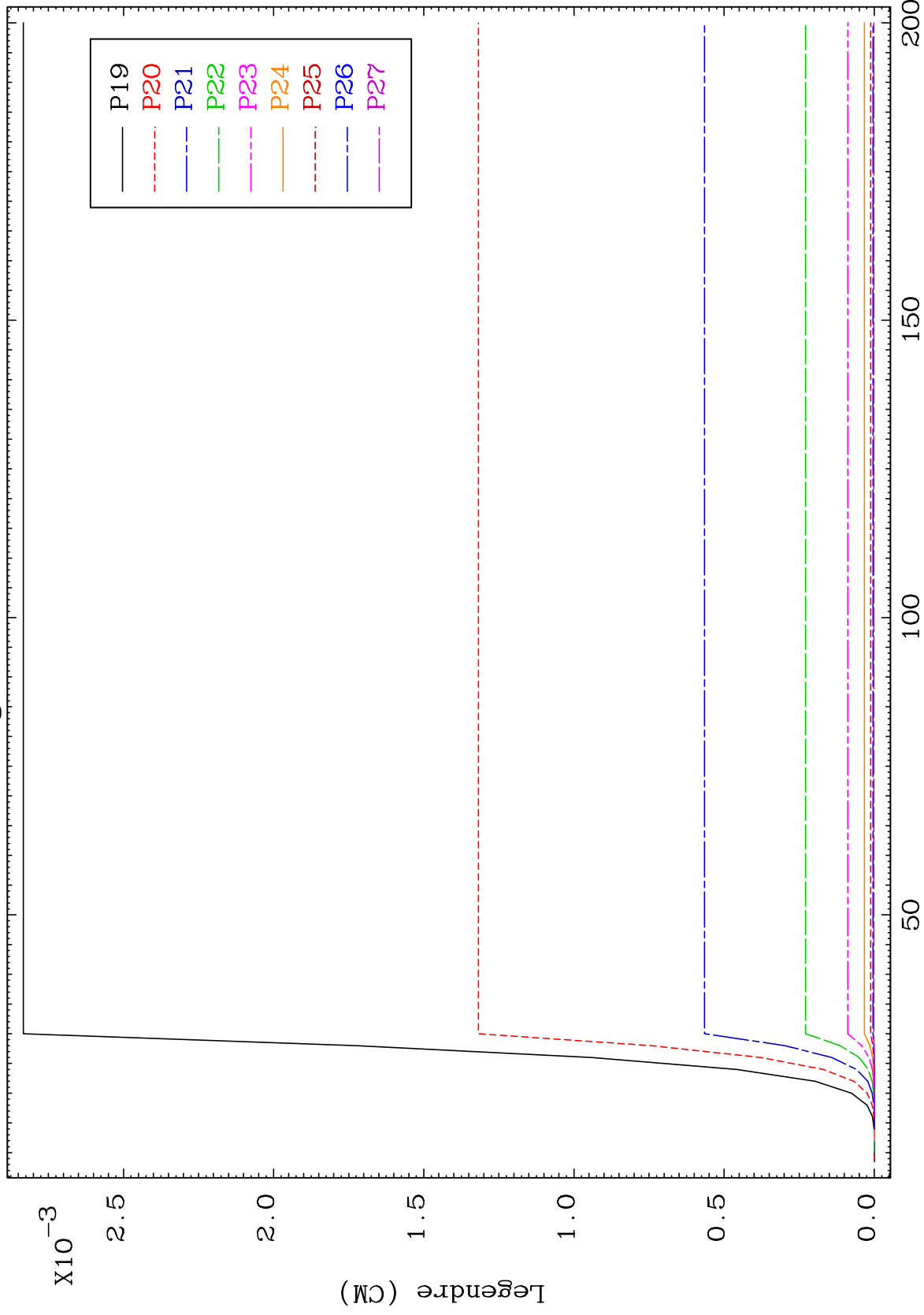
41-Nb-91



87

Incident Energy (MeV)

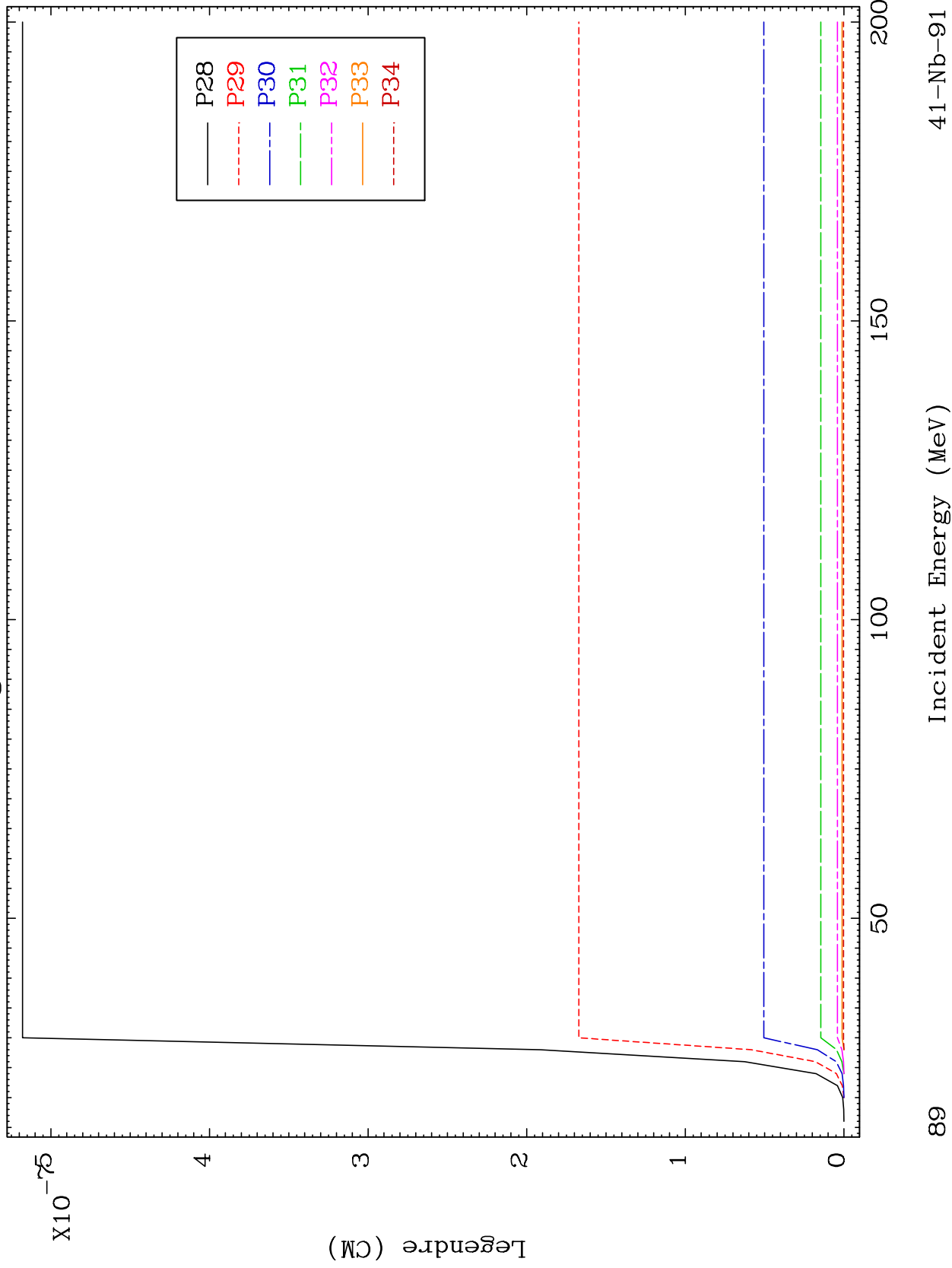
41-Nb-91



MAT 4119

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

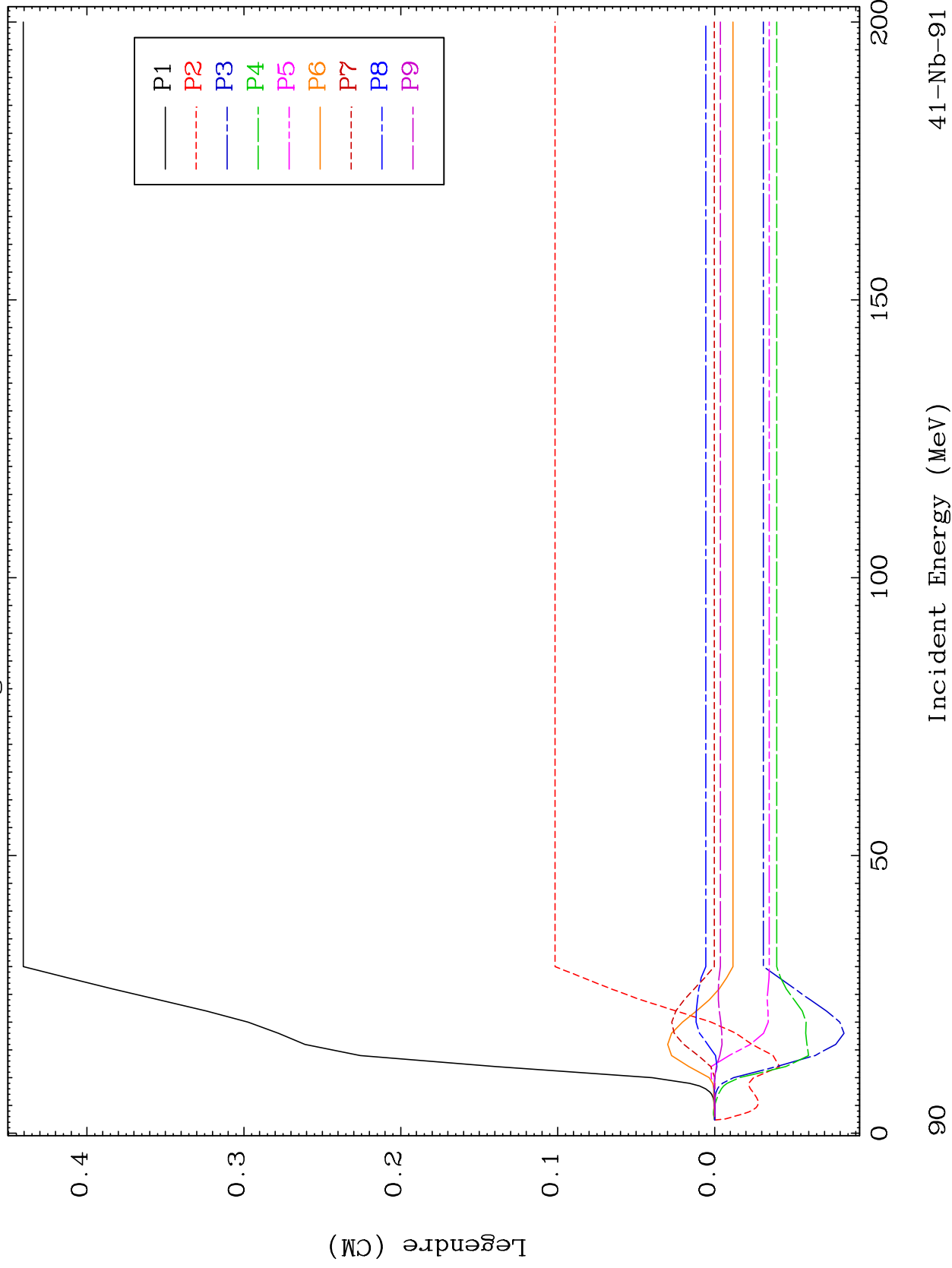
41-Nb-91



MAT 4119

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

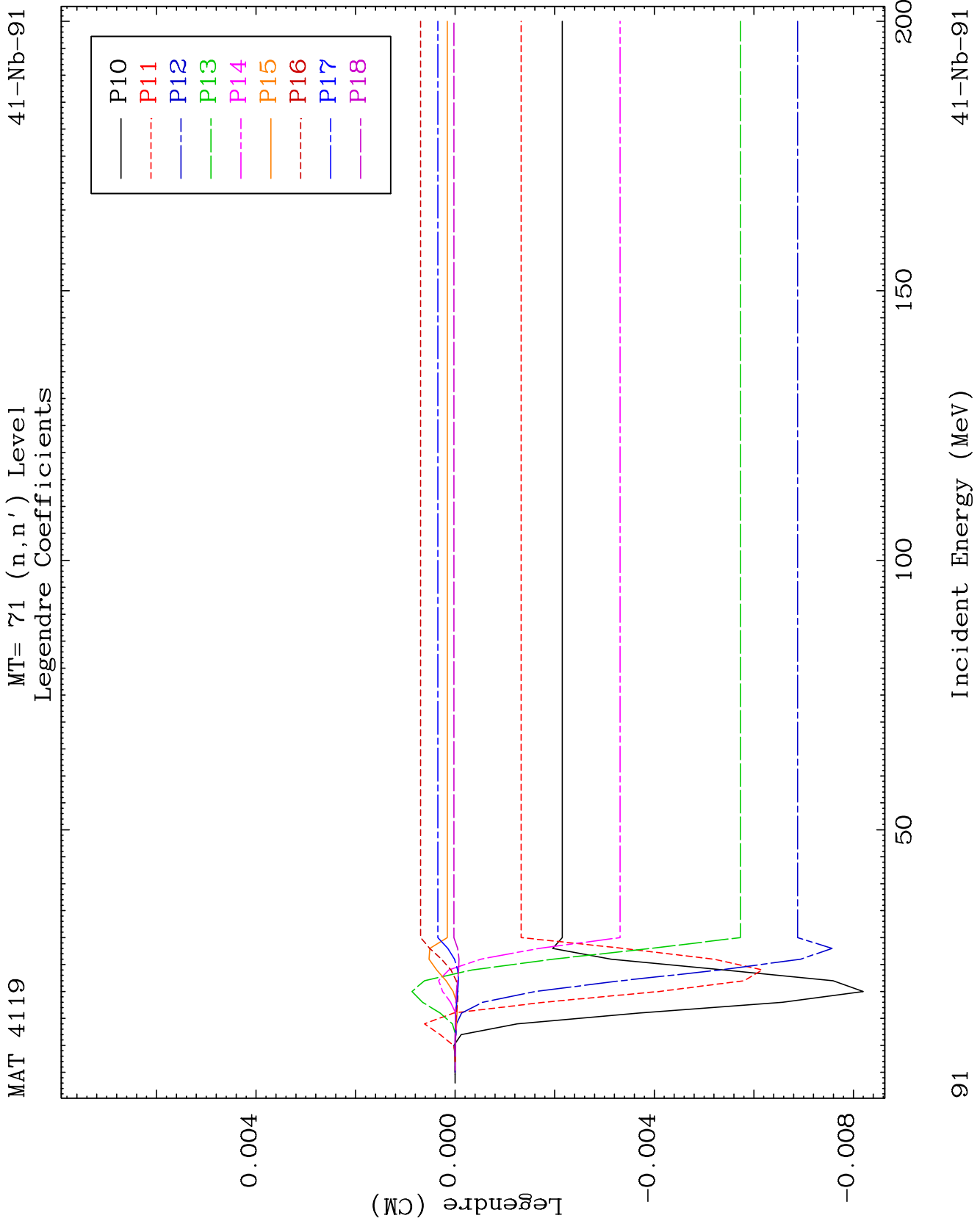
41-Nb-91



41-Nb-91

Incident Energy (MeV)

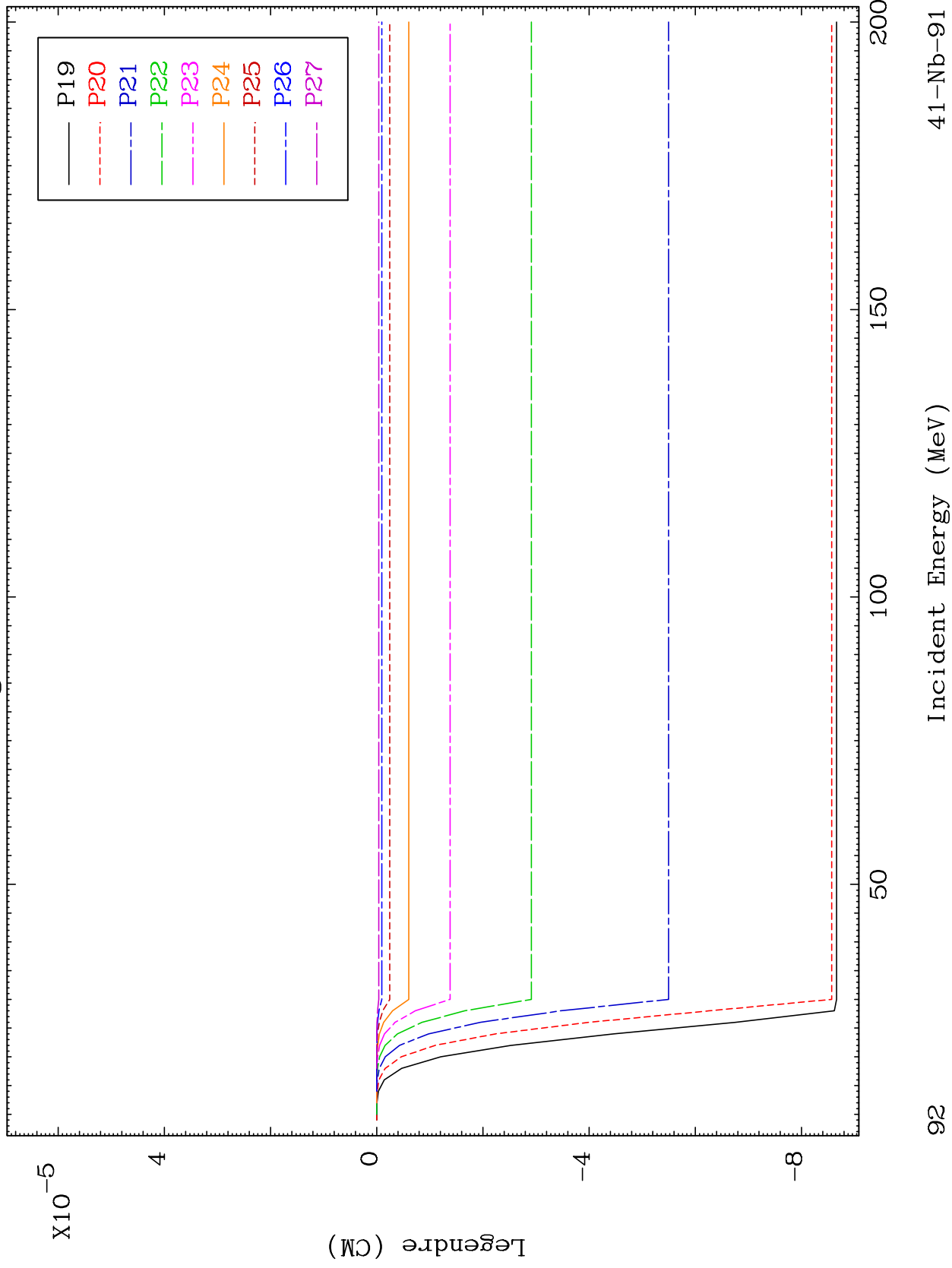
90



MAT 4119

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

41-Nb-91

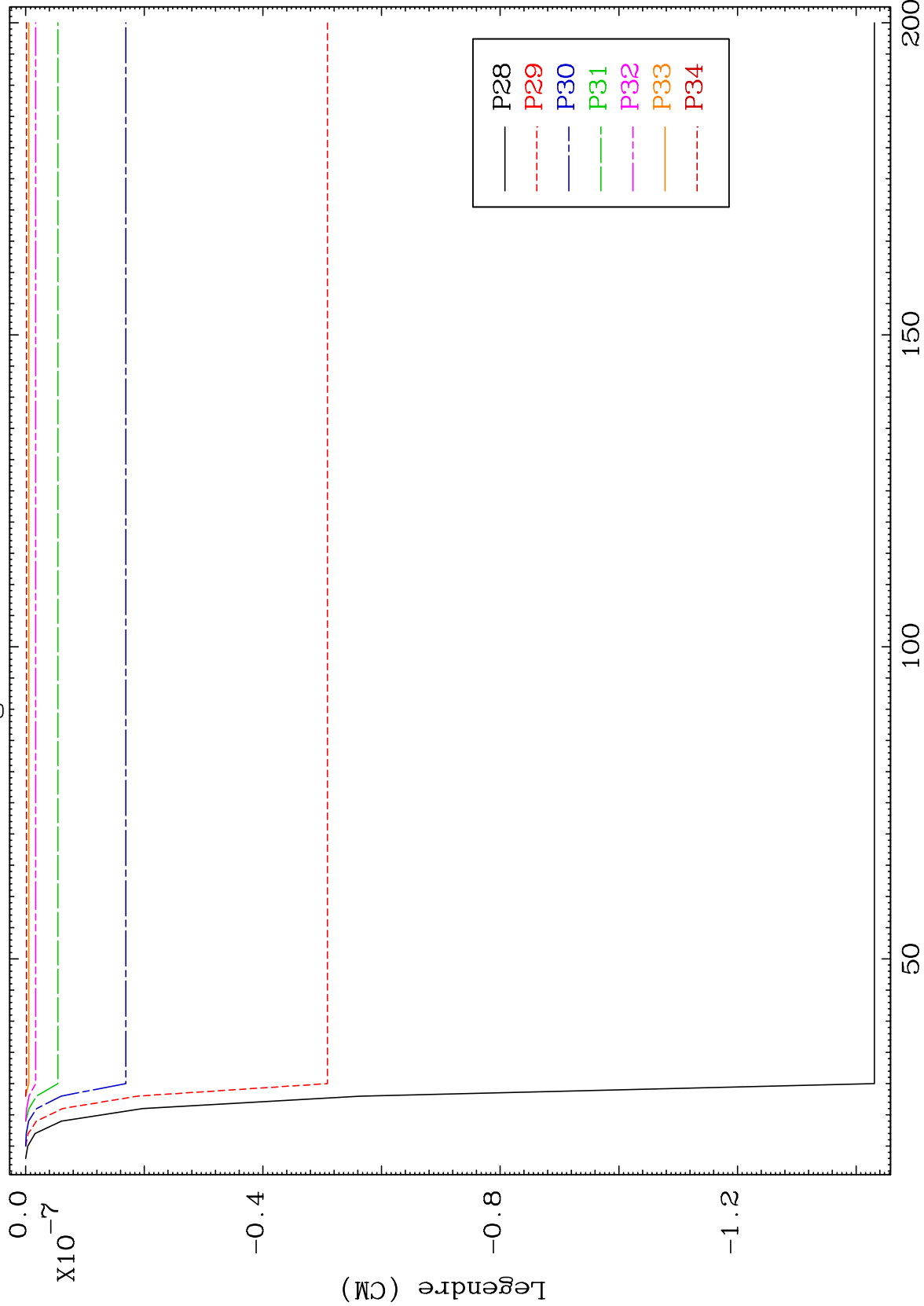


MAT 4119

MT= 71 (n,n') Level

41-Nb-91

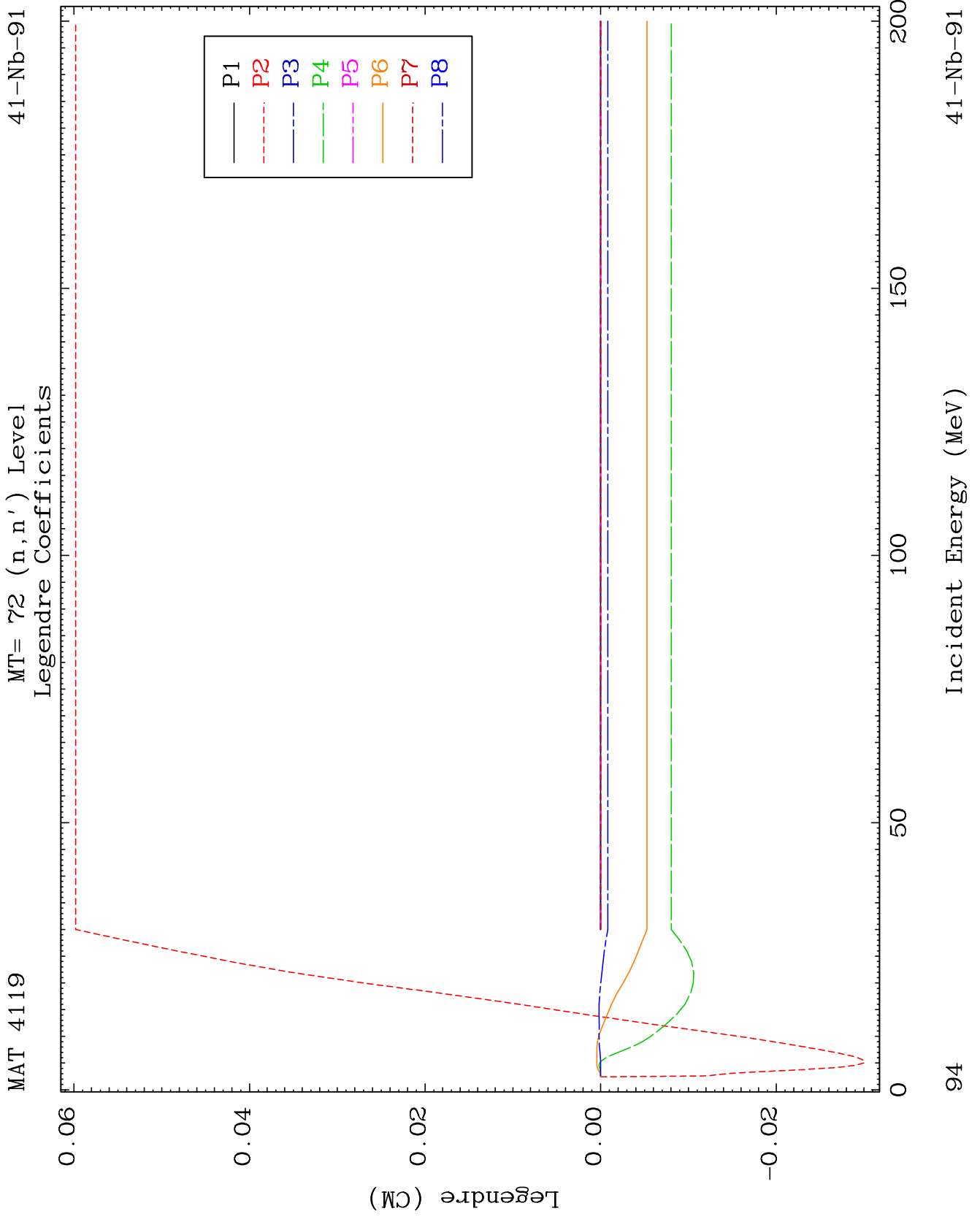
Legendre Coefficients



93

Incident Energy (MeV)

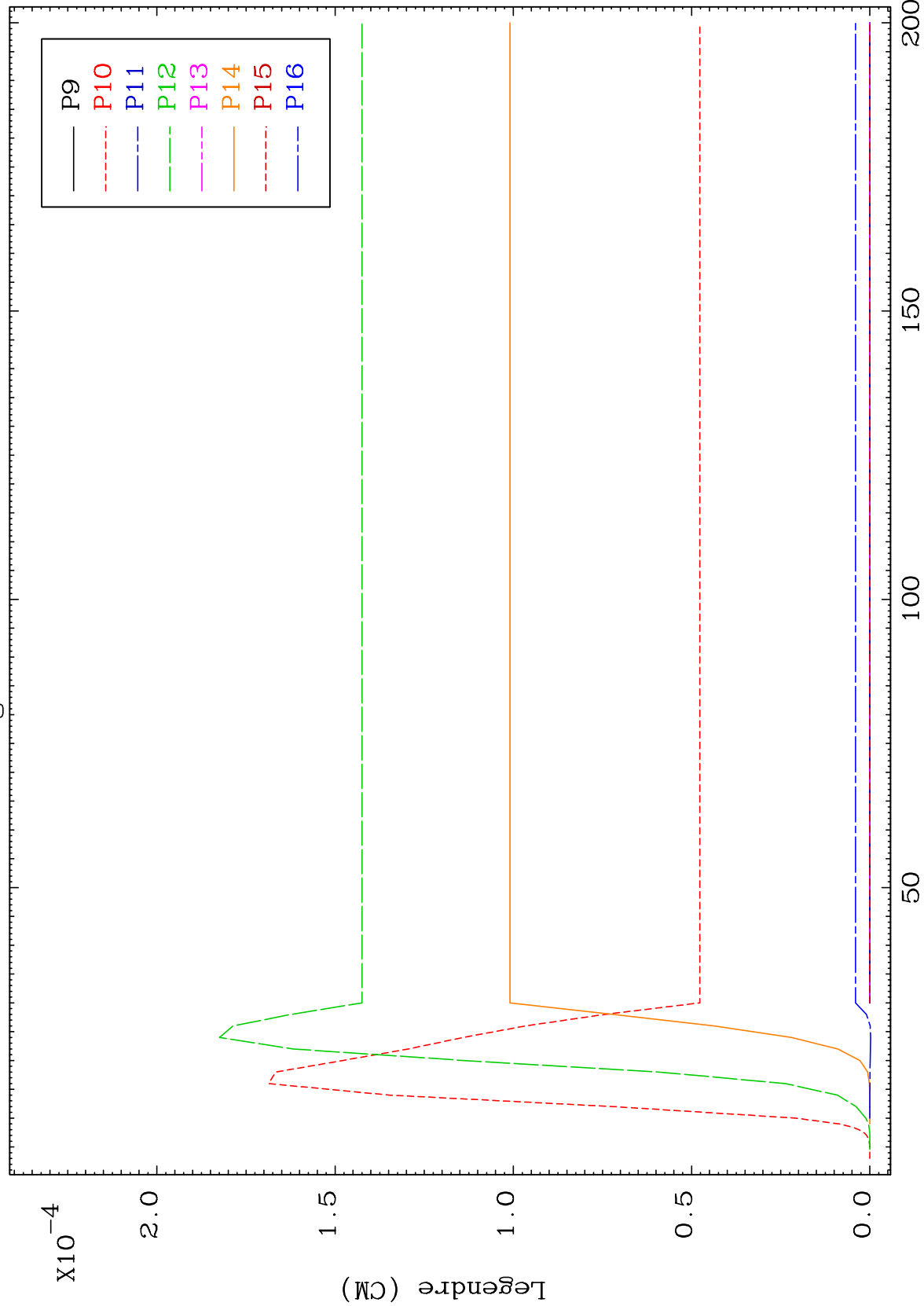
41-Nb-91



MAT 4119

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

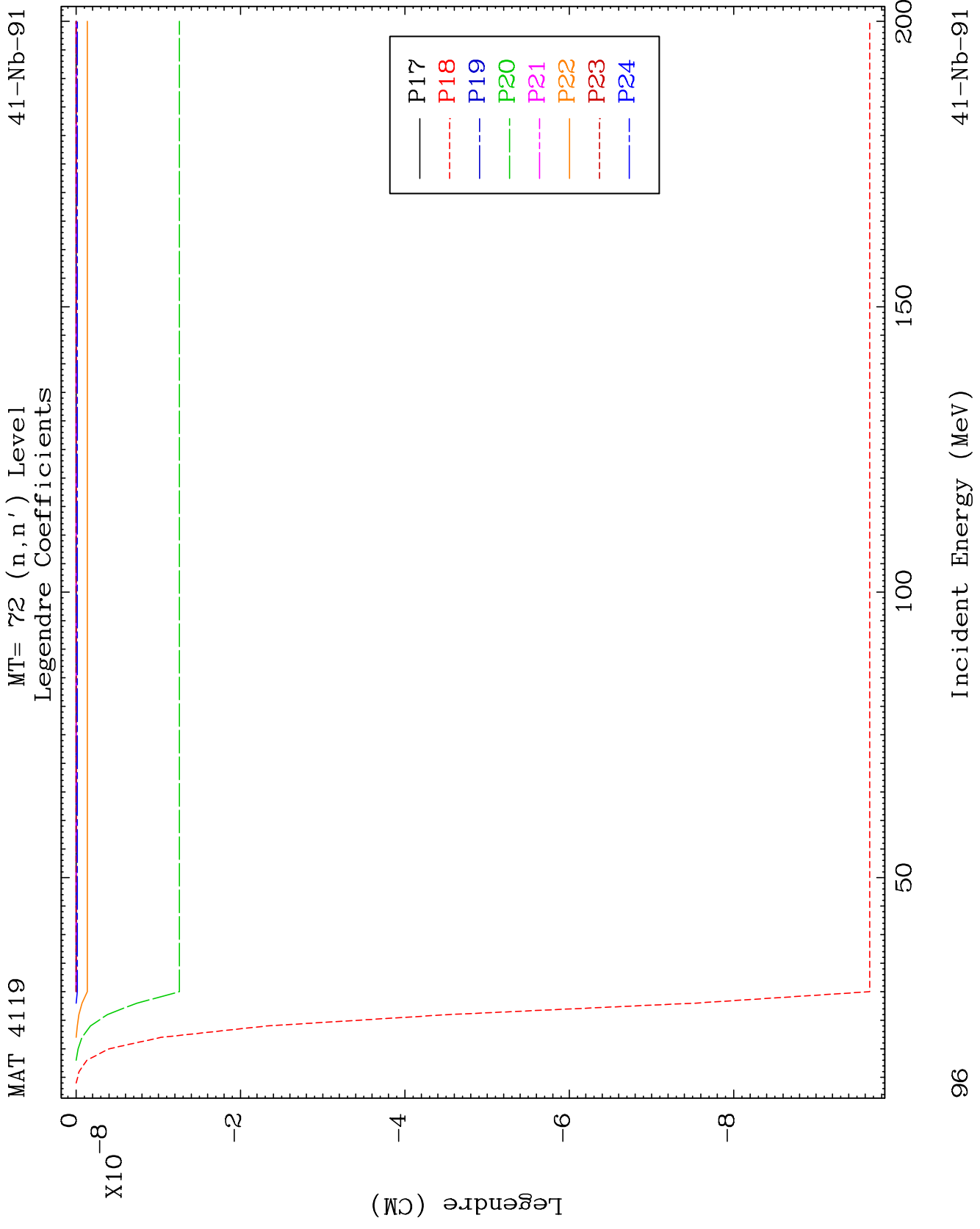
41-Nb-91



95

Incident Energy (MeV)

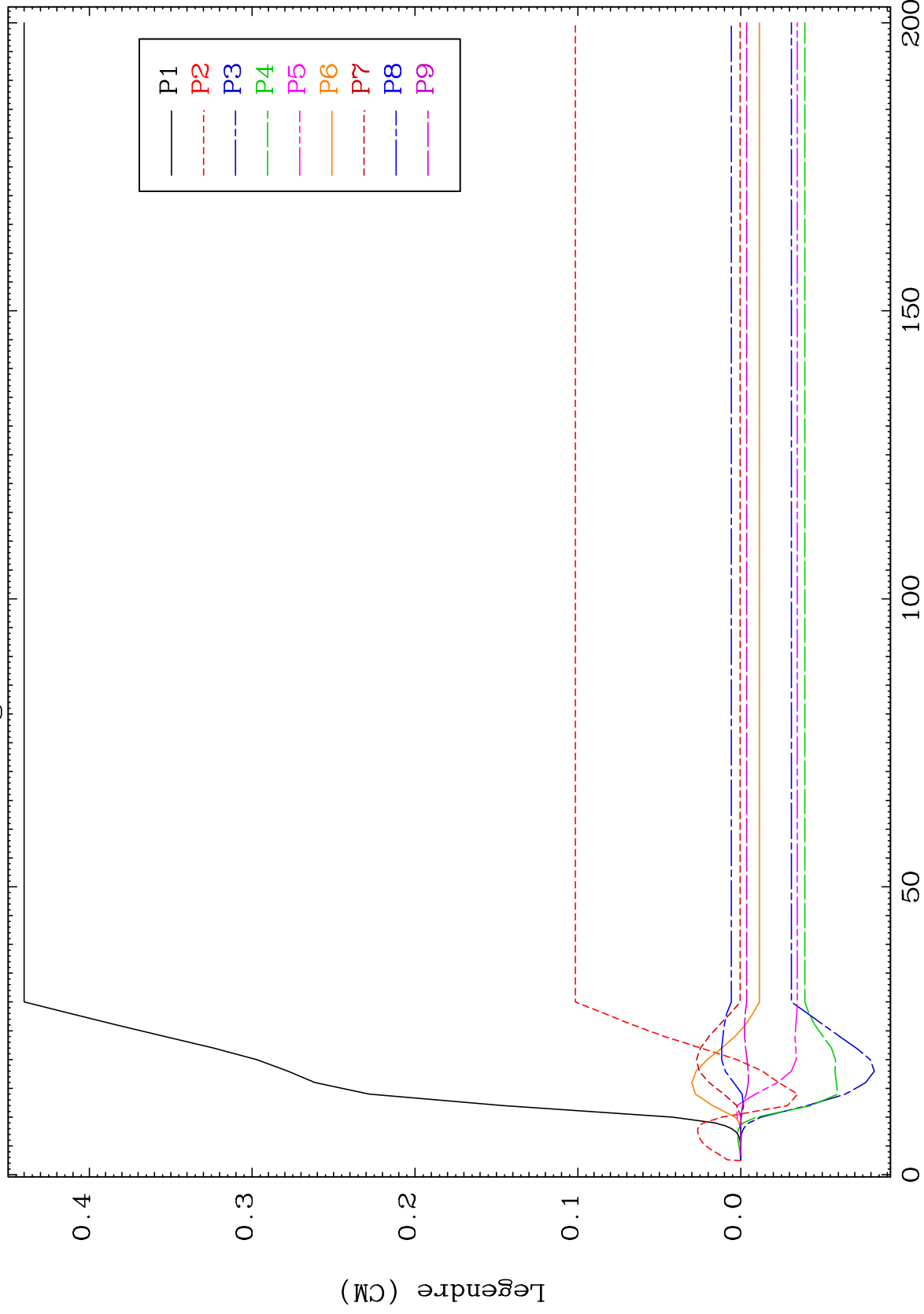
41-Nb-91



MAT 4119

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

41-Nb-91



97

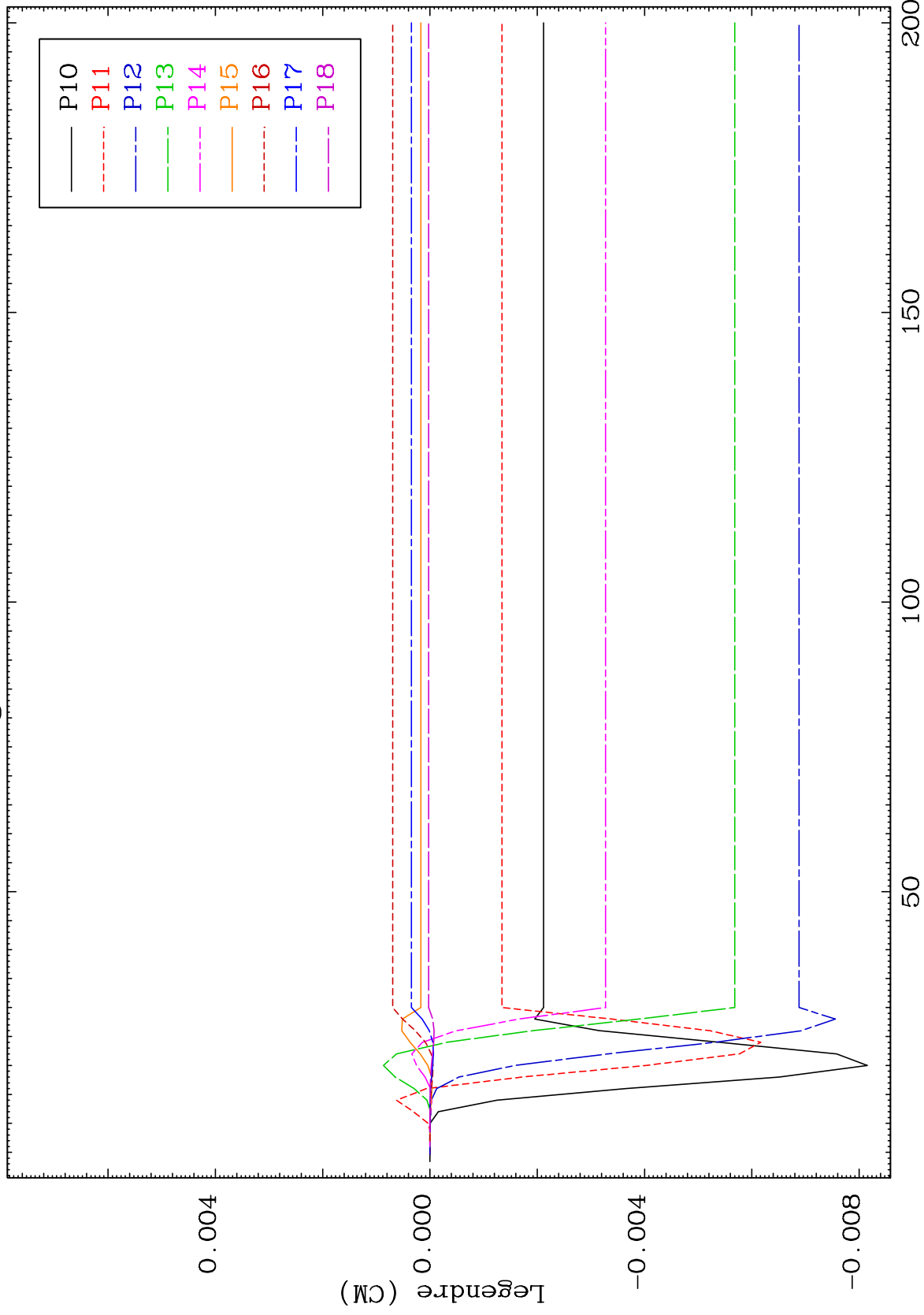
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



98

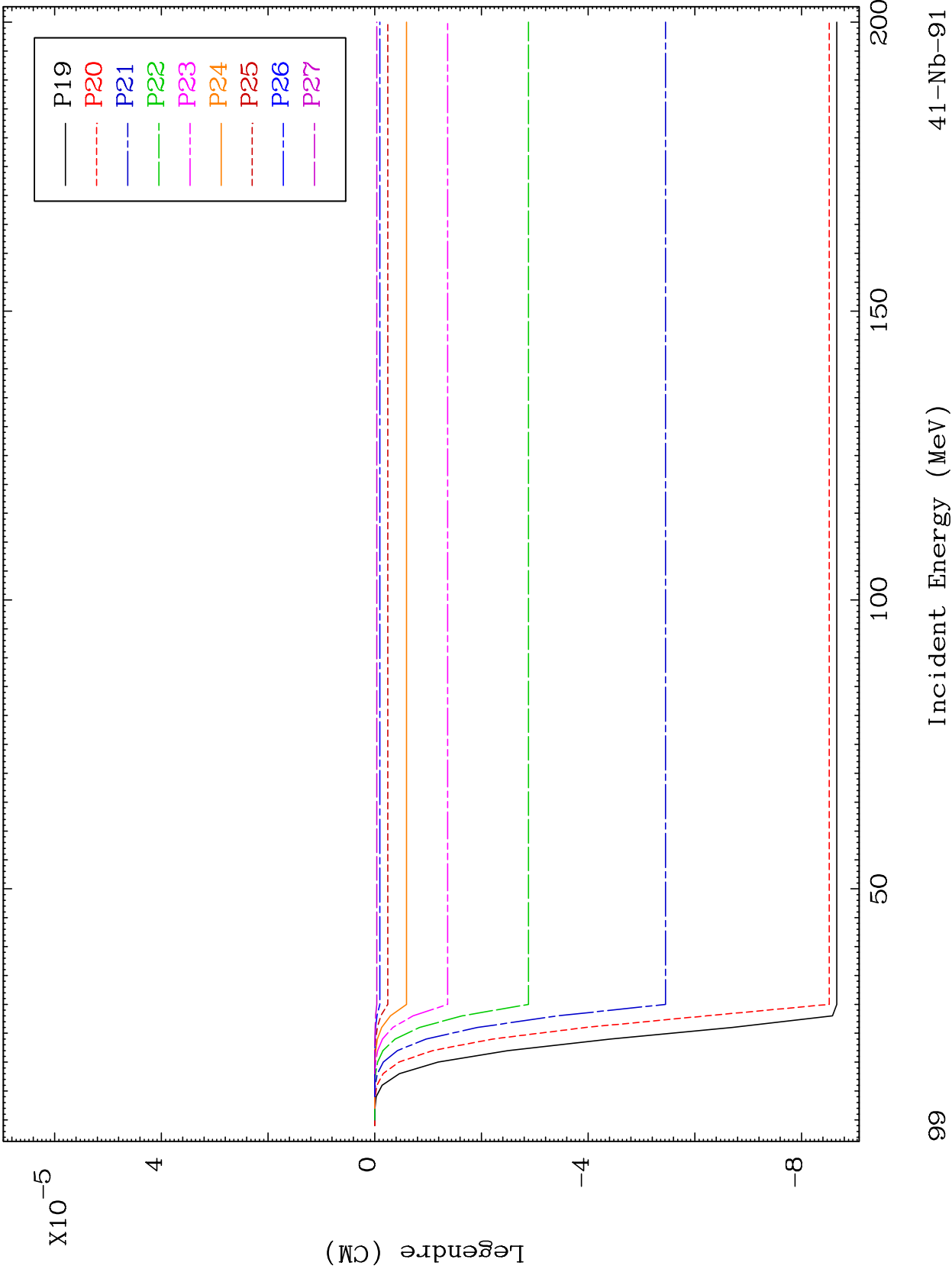
Incident Energy (MeV)

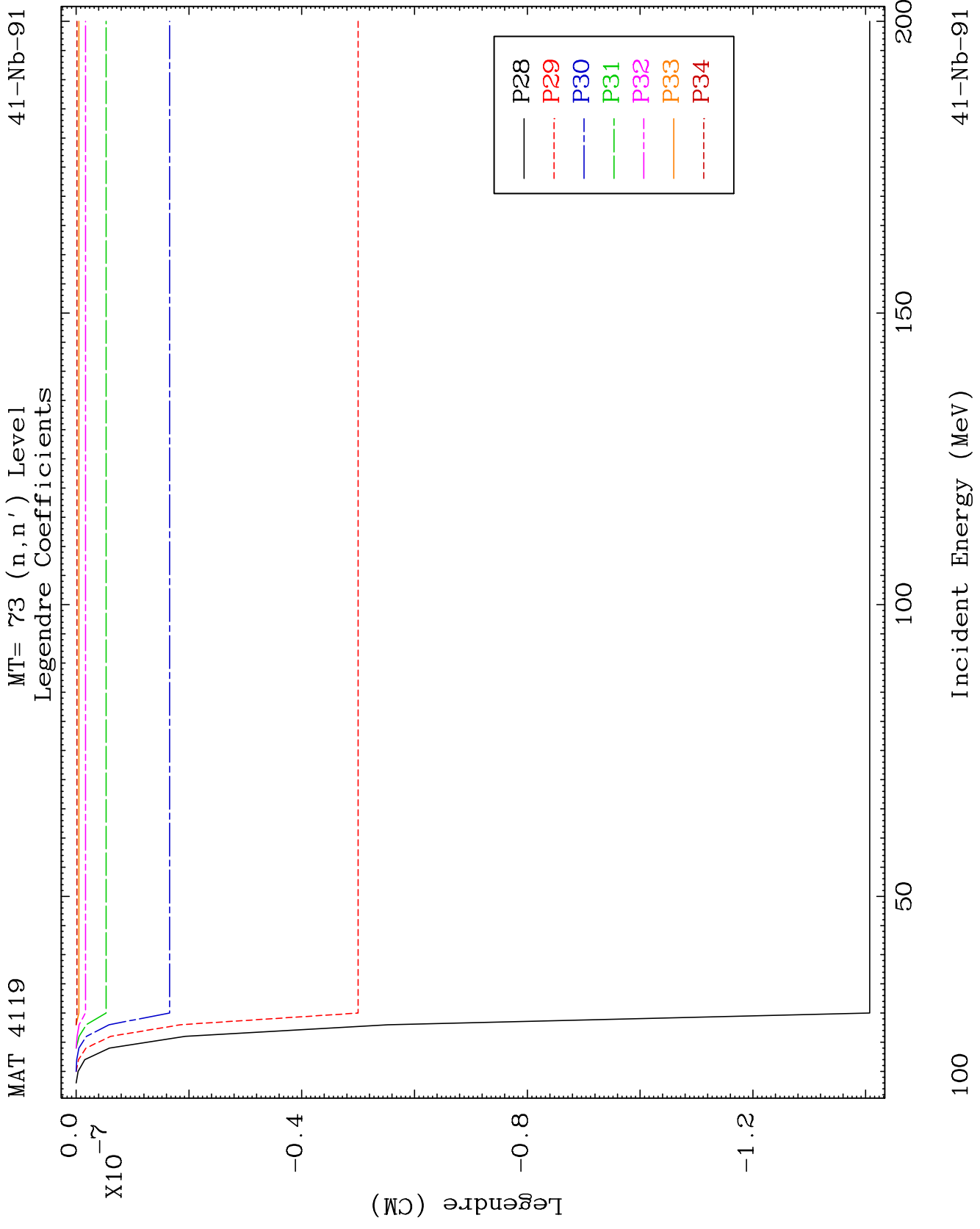
41-Nb-91

MAT 4119

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

41-Nb-91

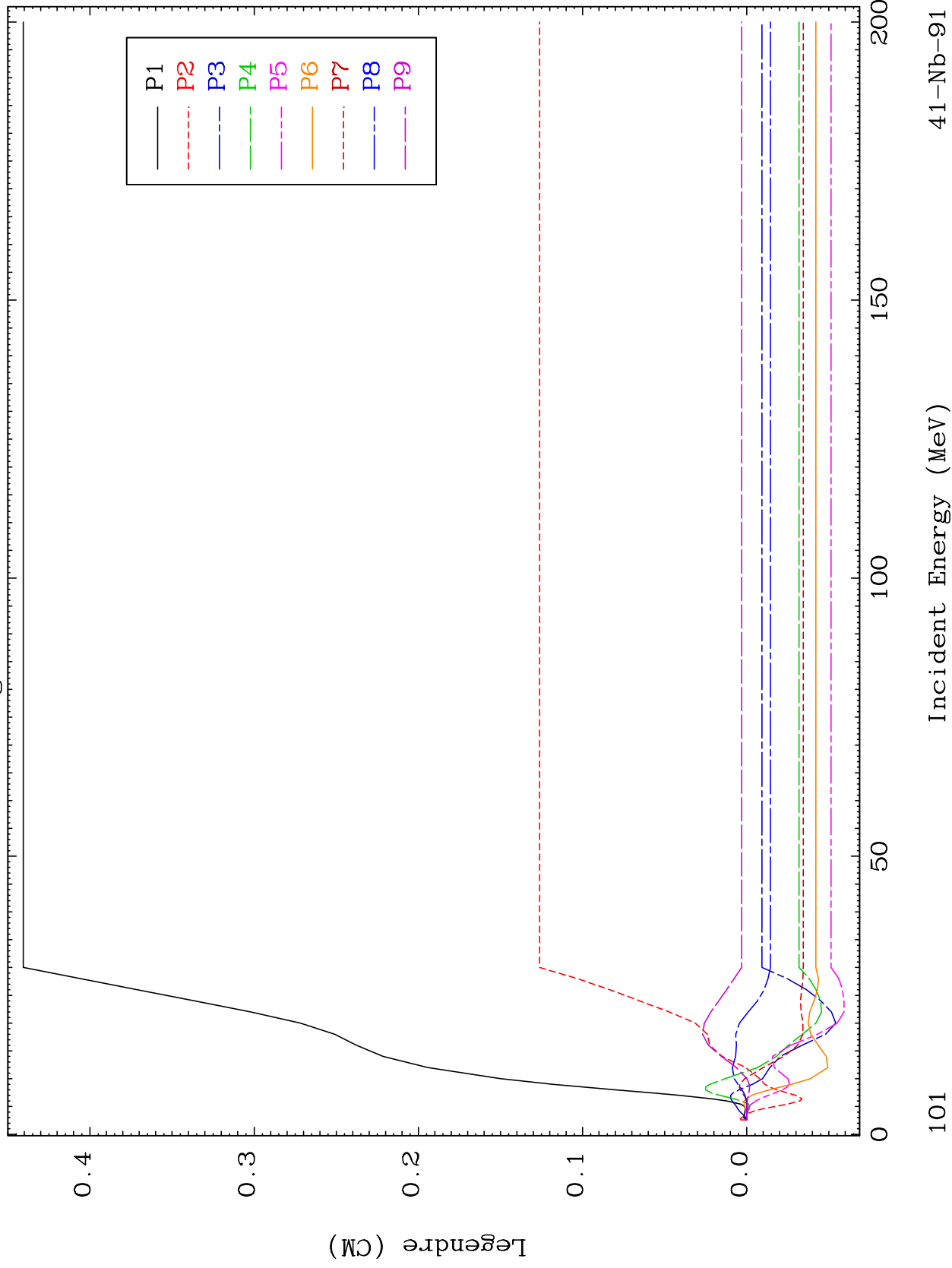




MAT 4119

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

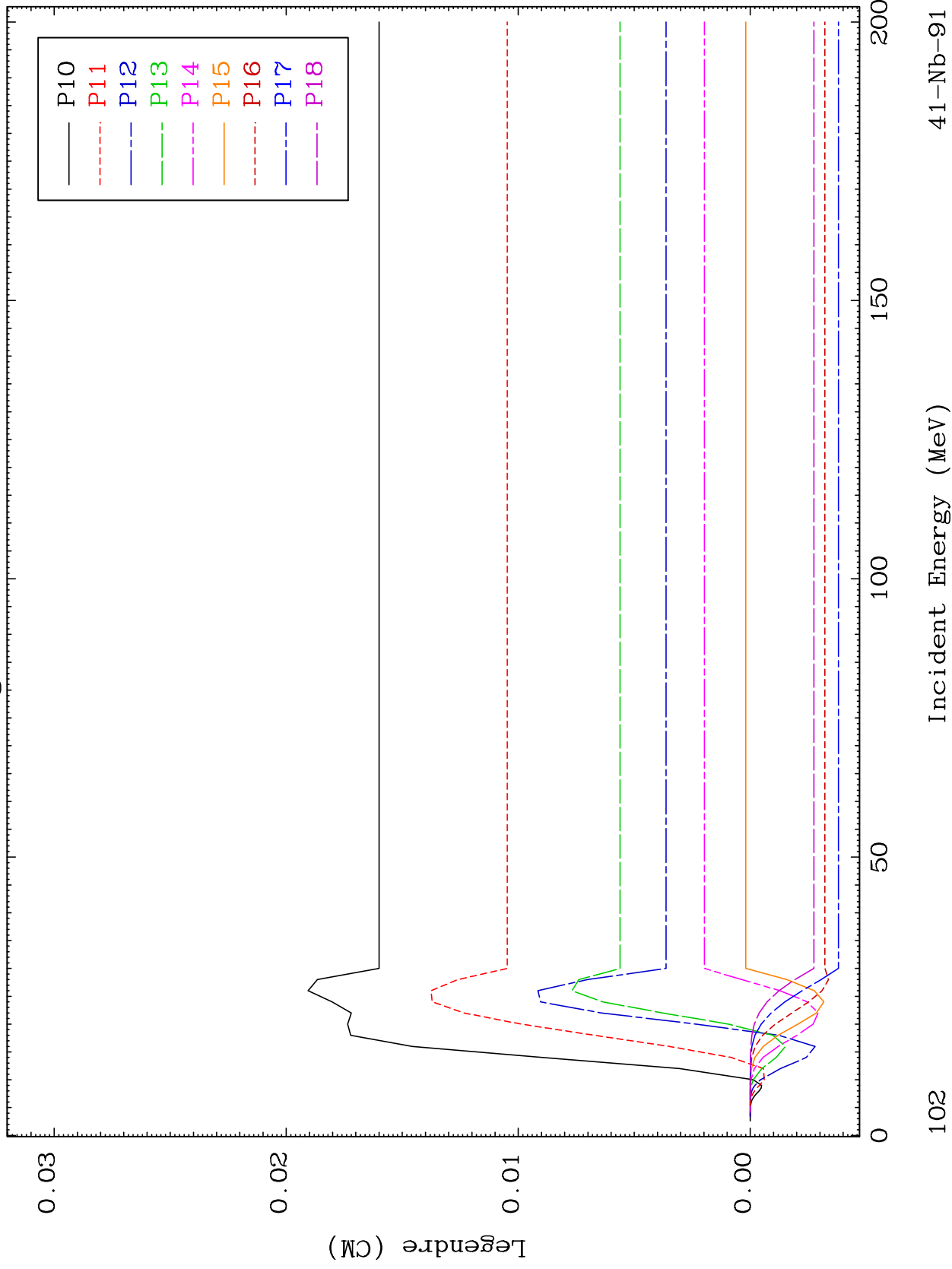
41-Nb-91



MAT 4119

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

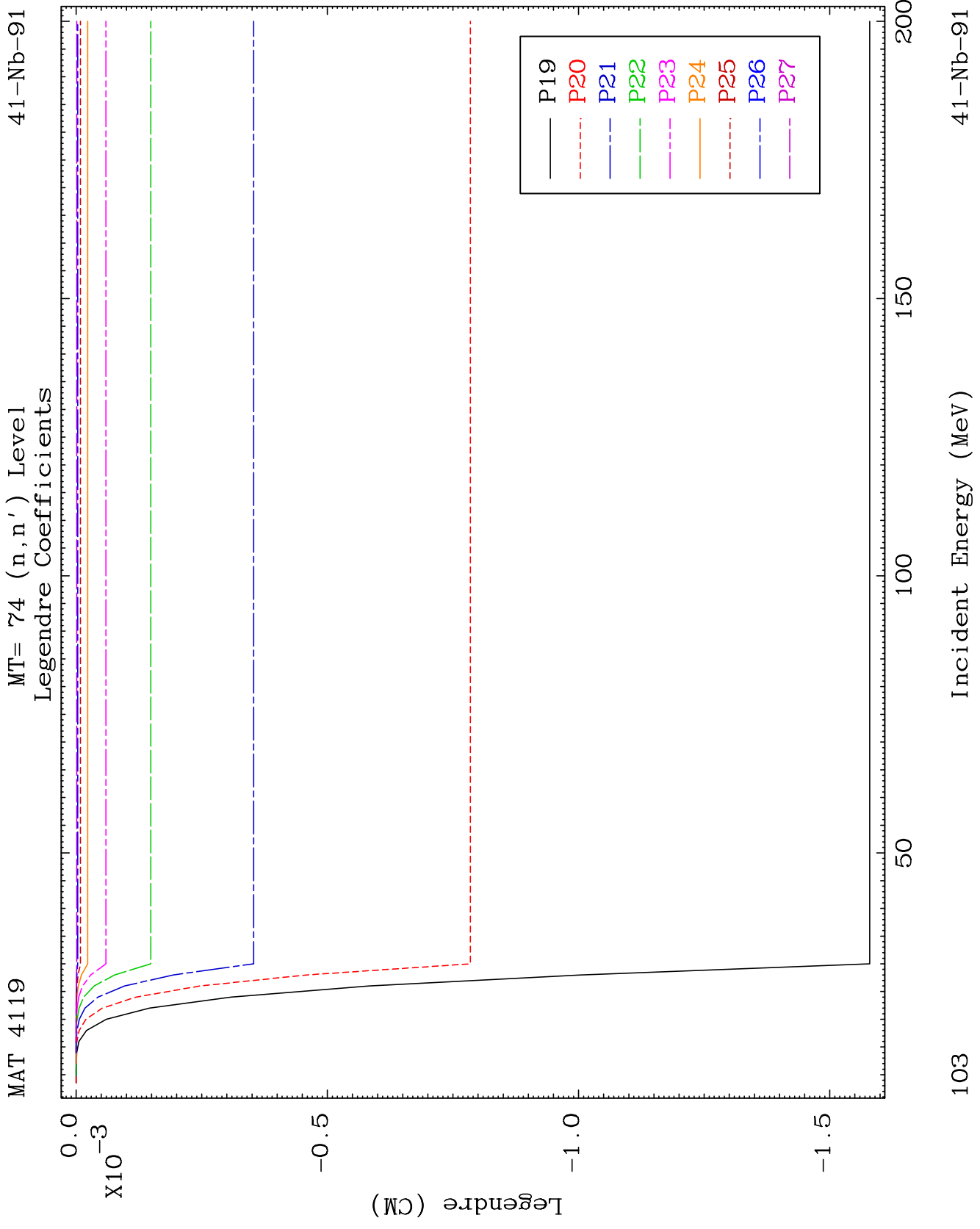
41-Nb-91

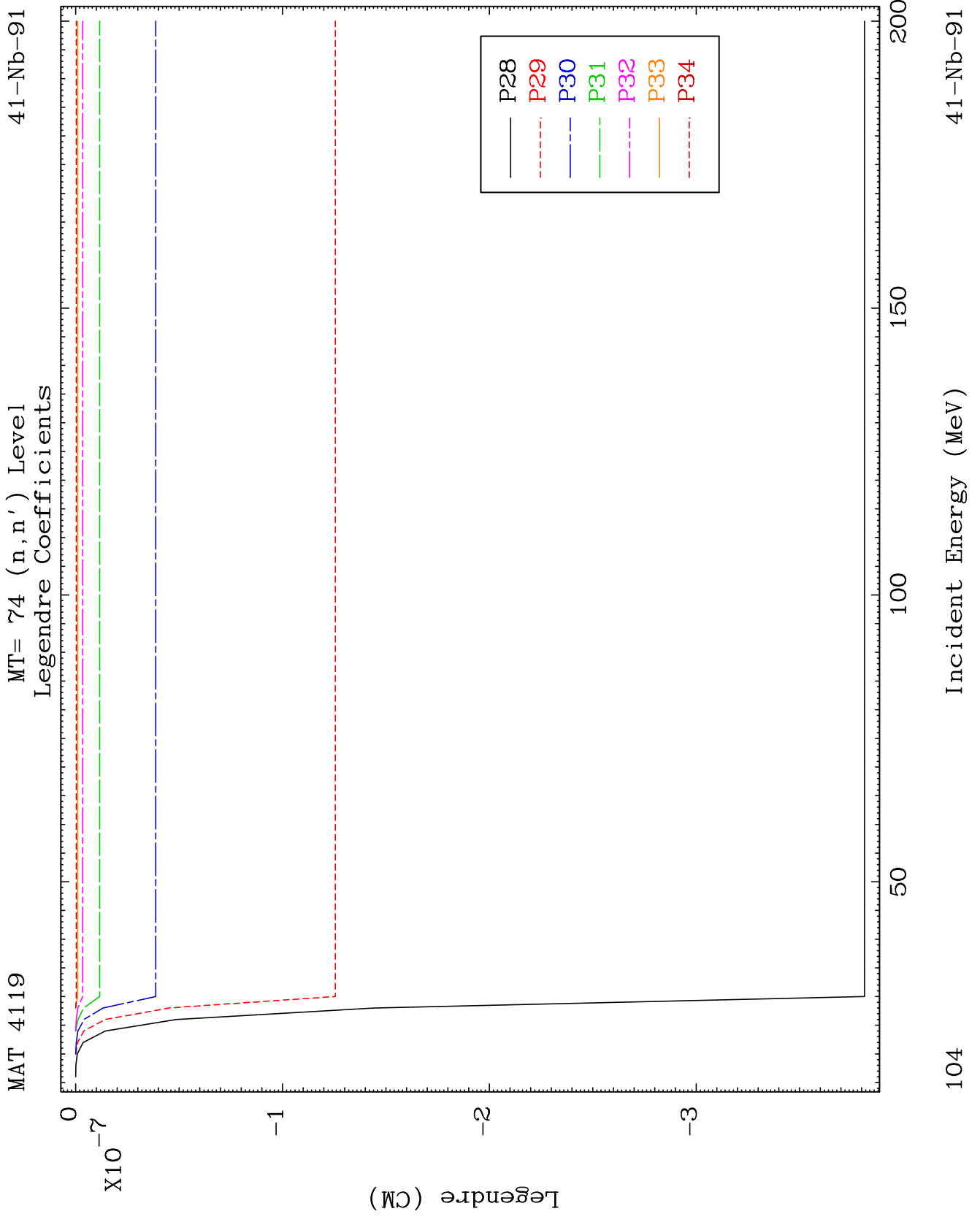


41-Nb-91

Incident Energy (MeV)

102

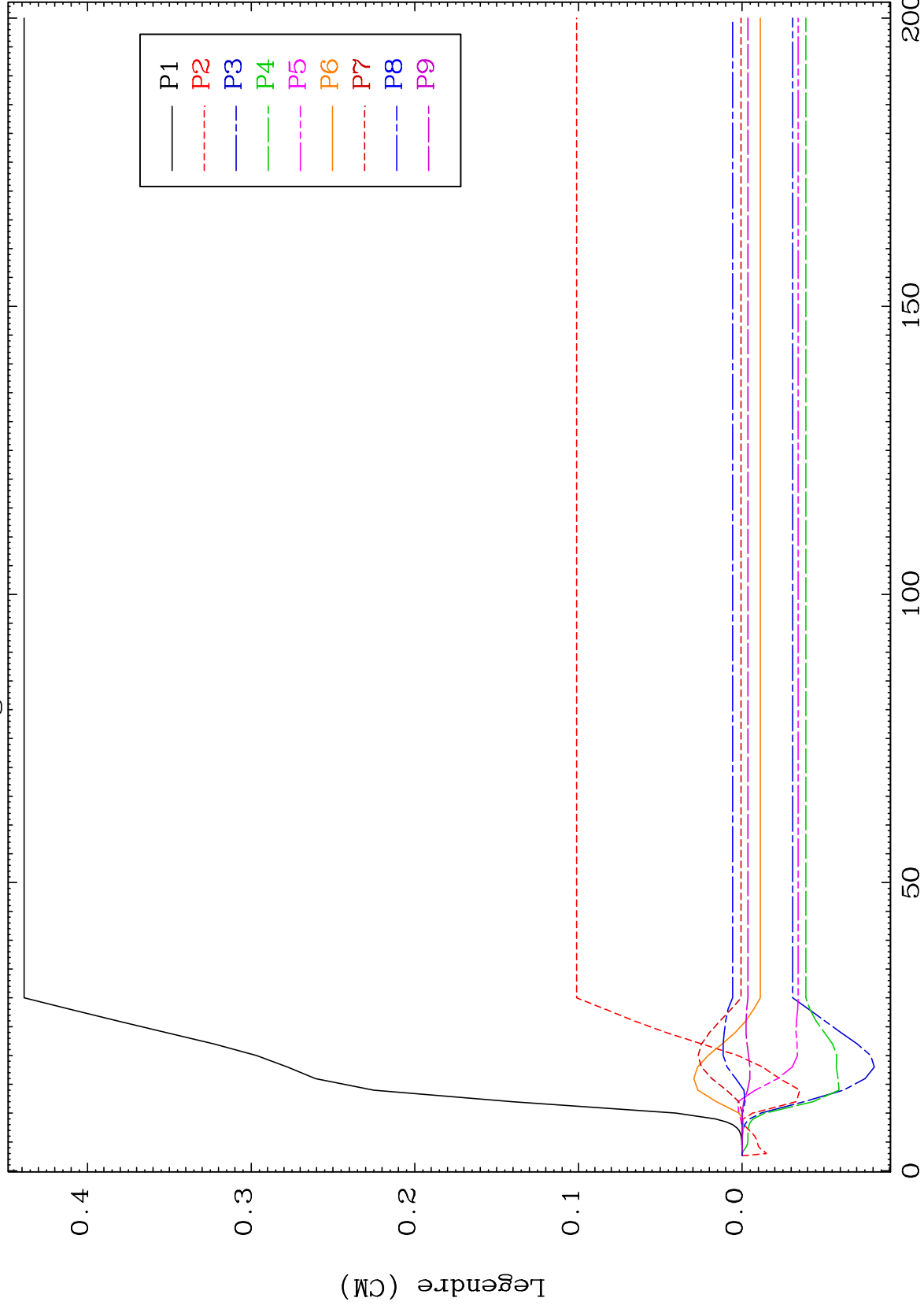




MAT 4119

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

41-Nb-91



105

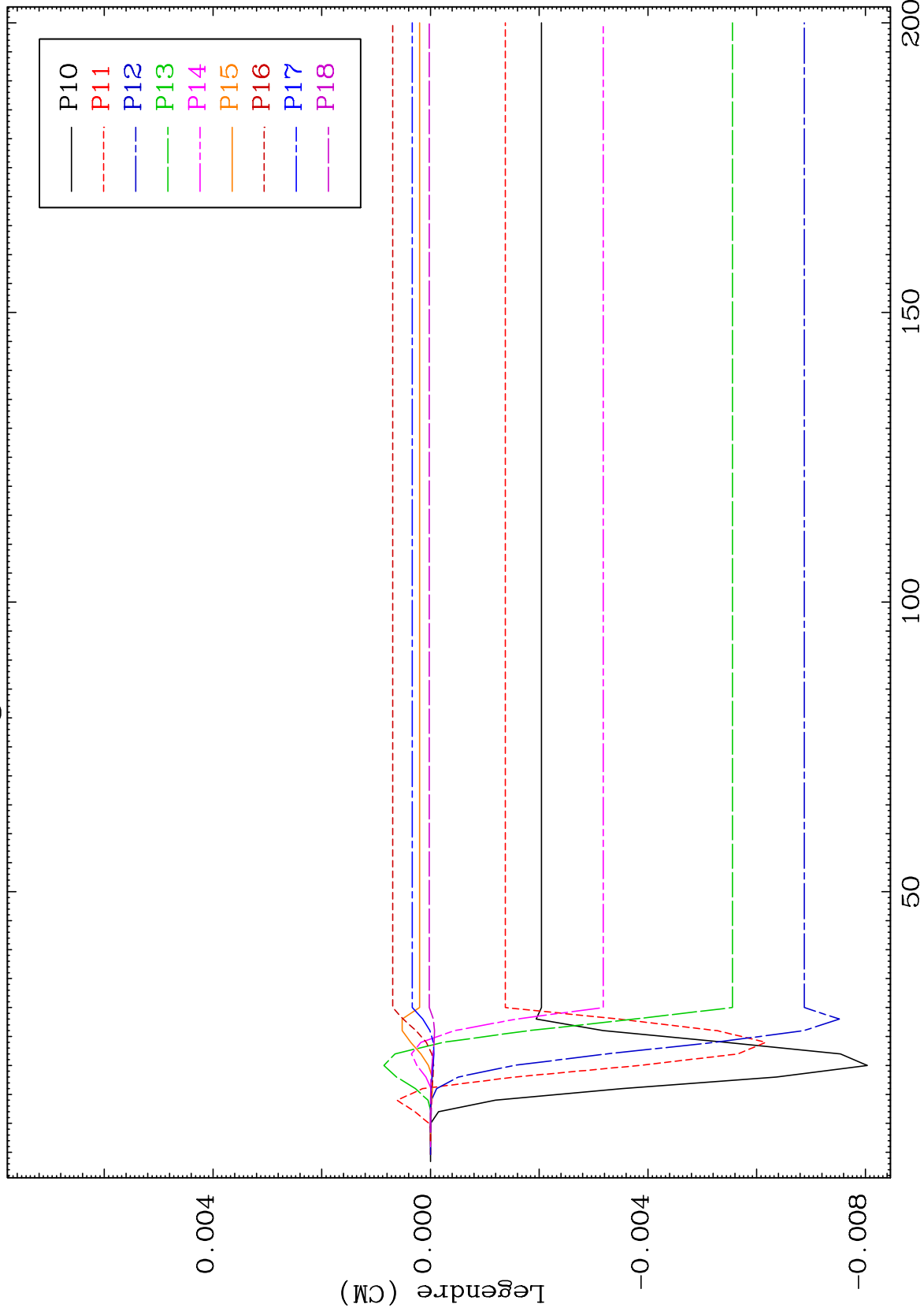
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



106

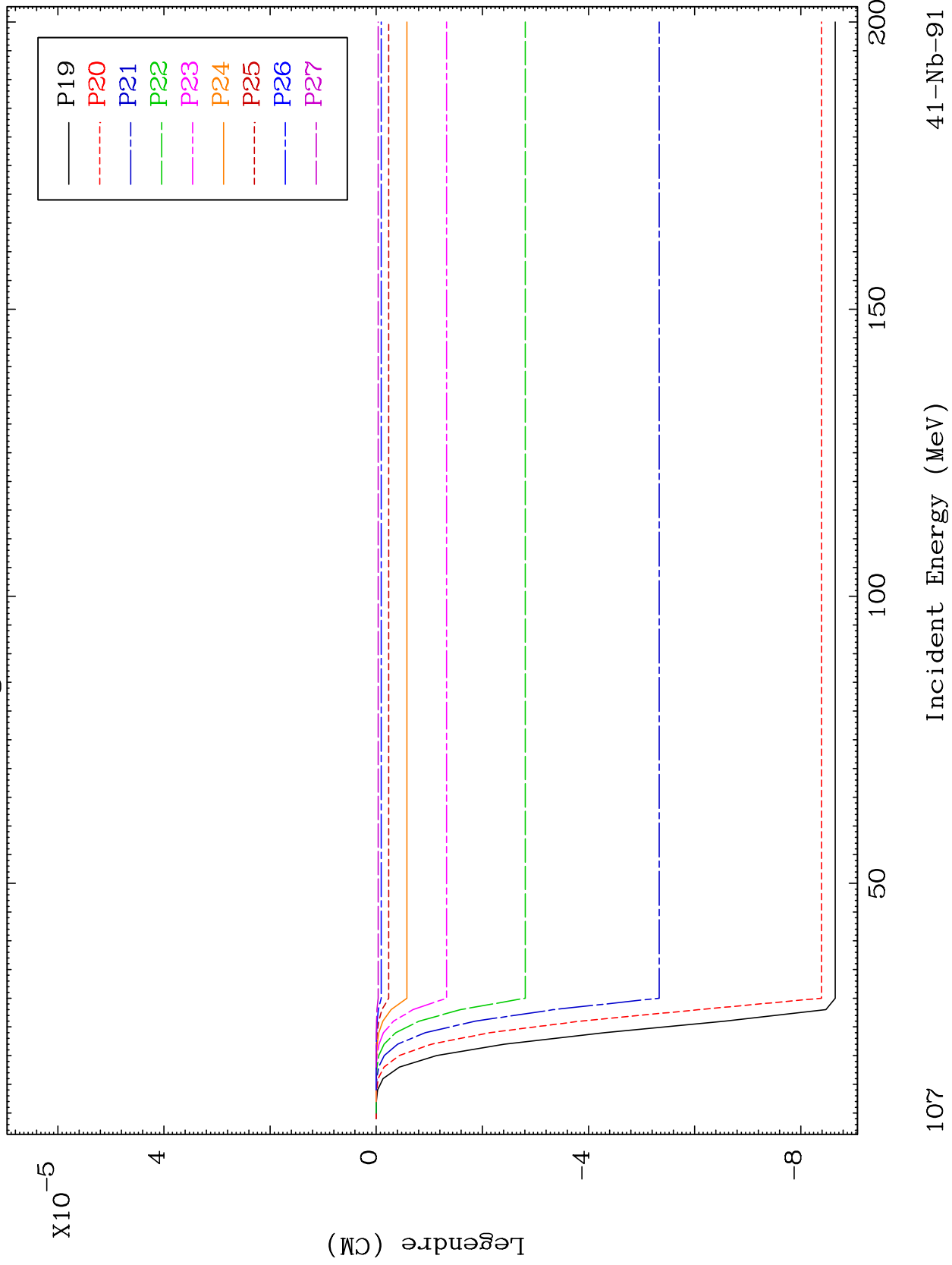
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

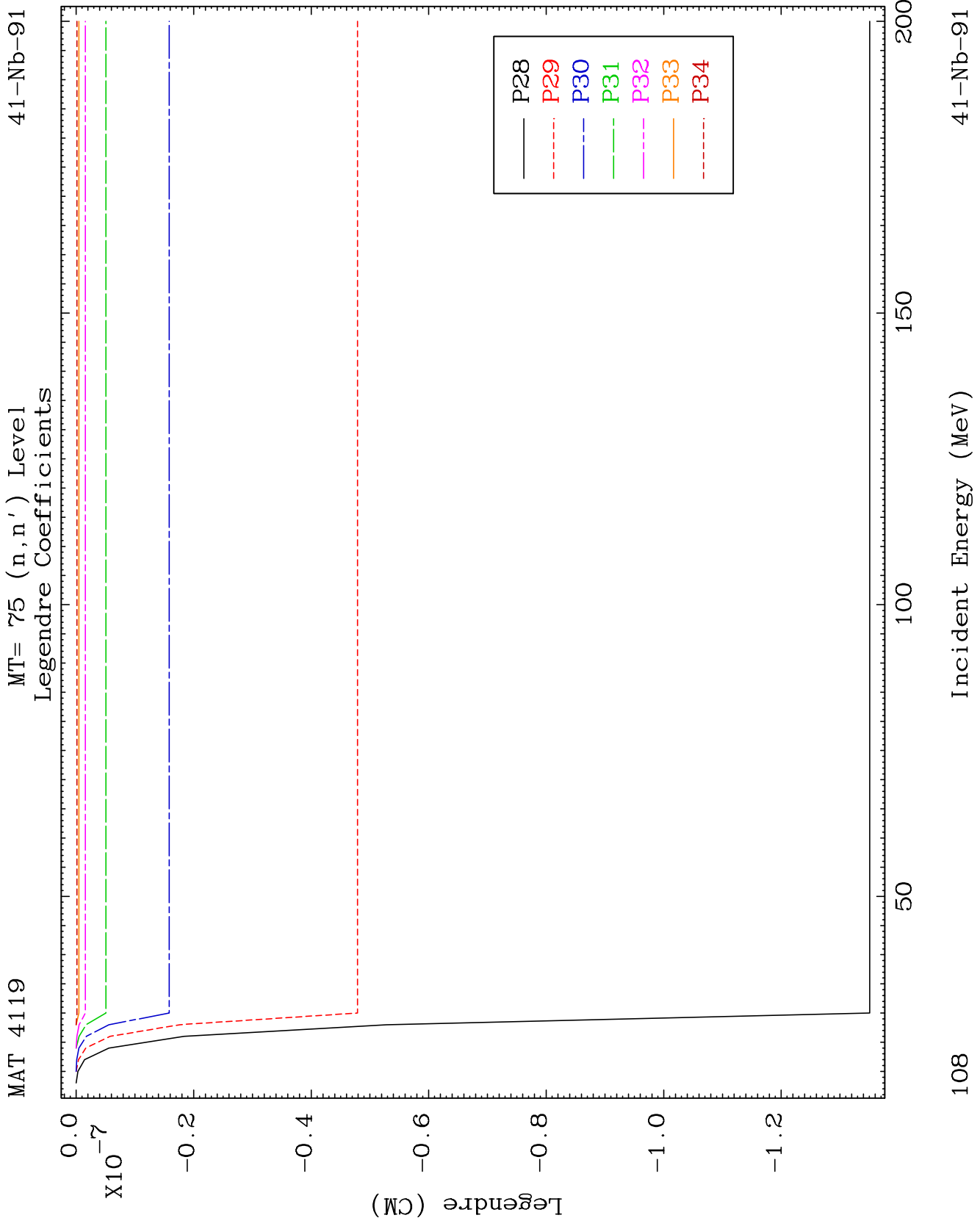
41-Nb-91



107

Incident Energy (MeV)

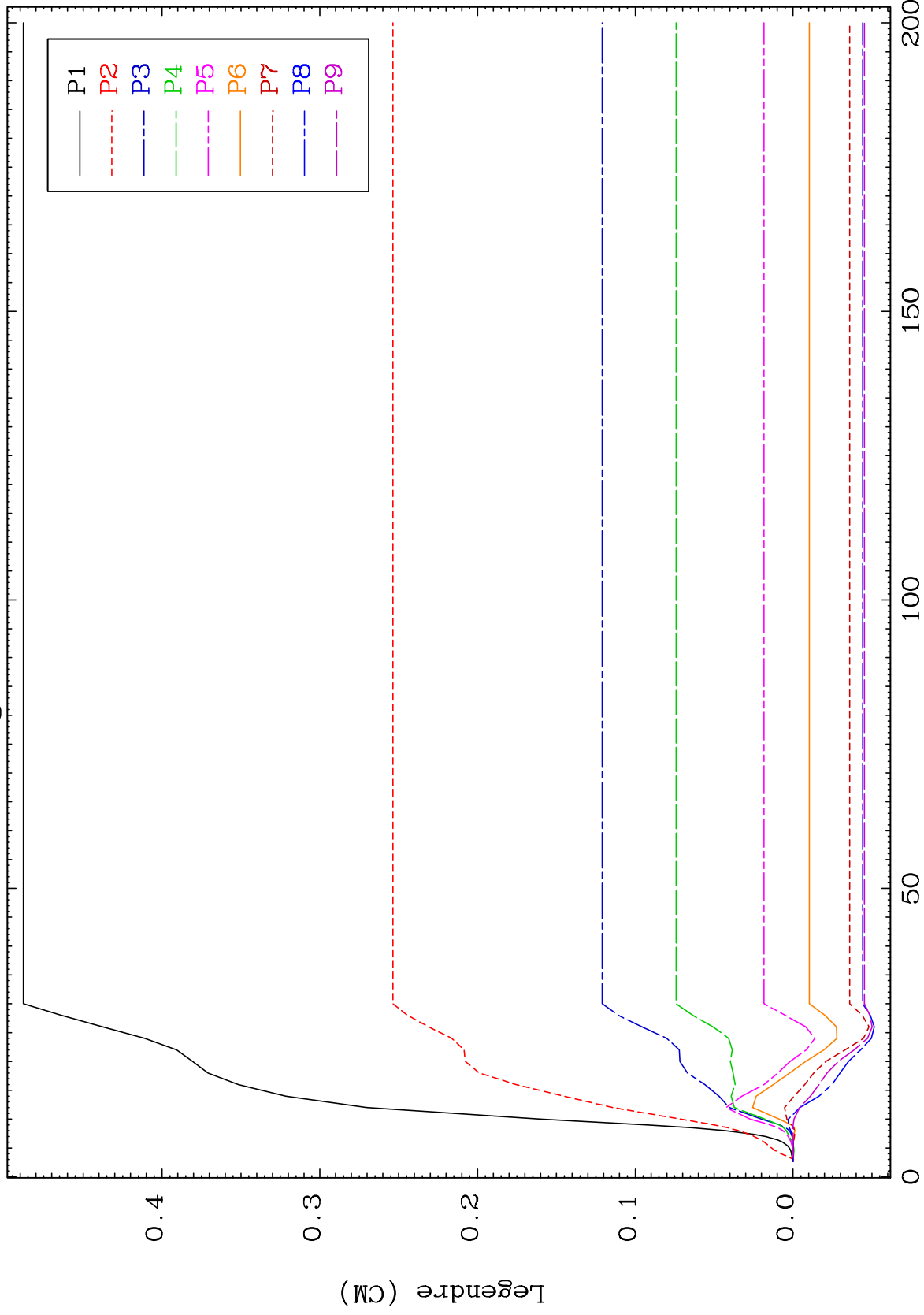
41-Nb-91



MAT 4119

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

41-Nb-91



109

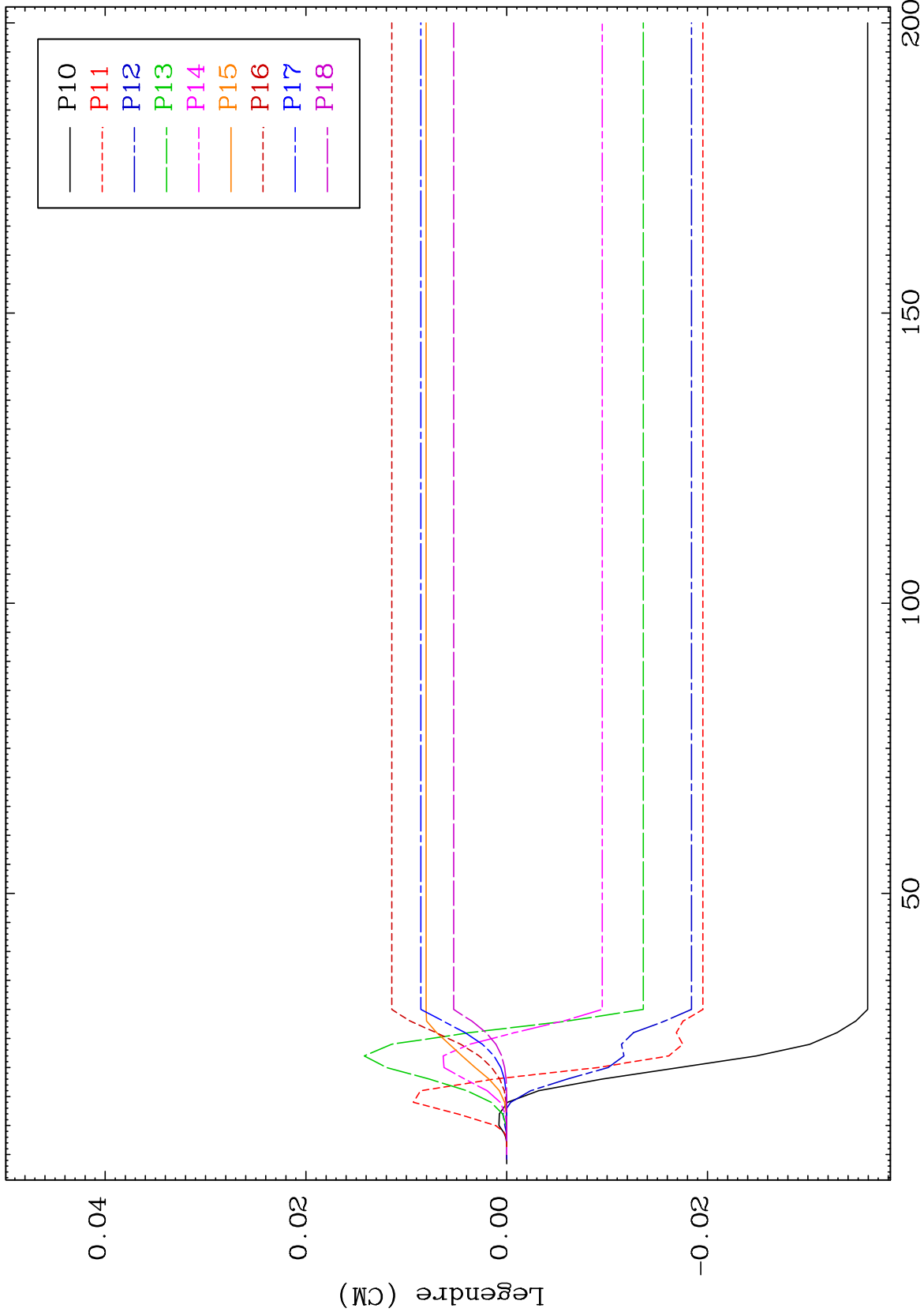
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



110

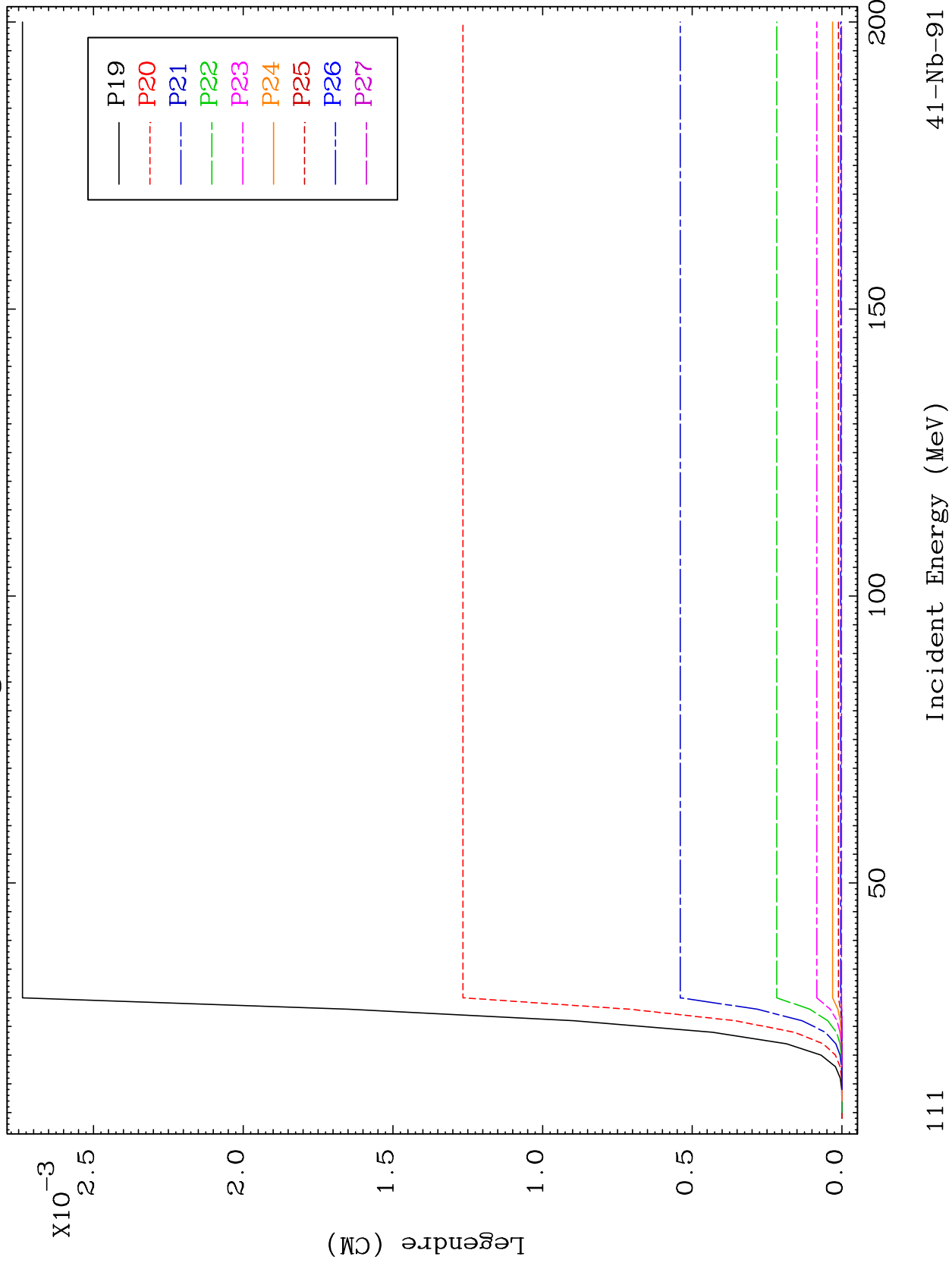
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

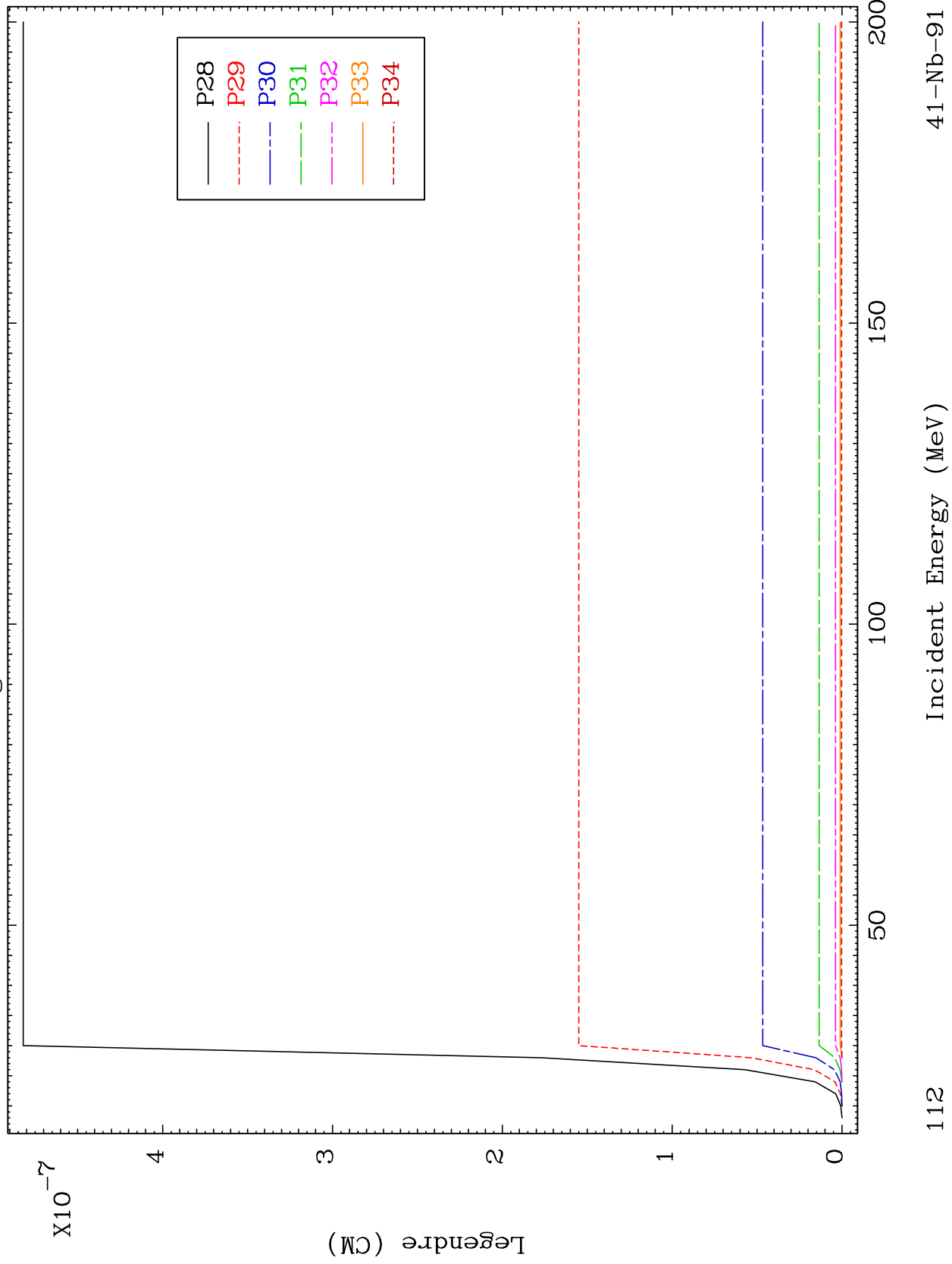
41-Nb-91



MAT 4119

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

41-Nb-91

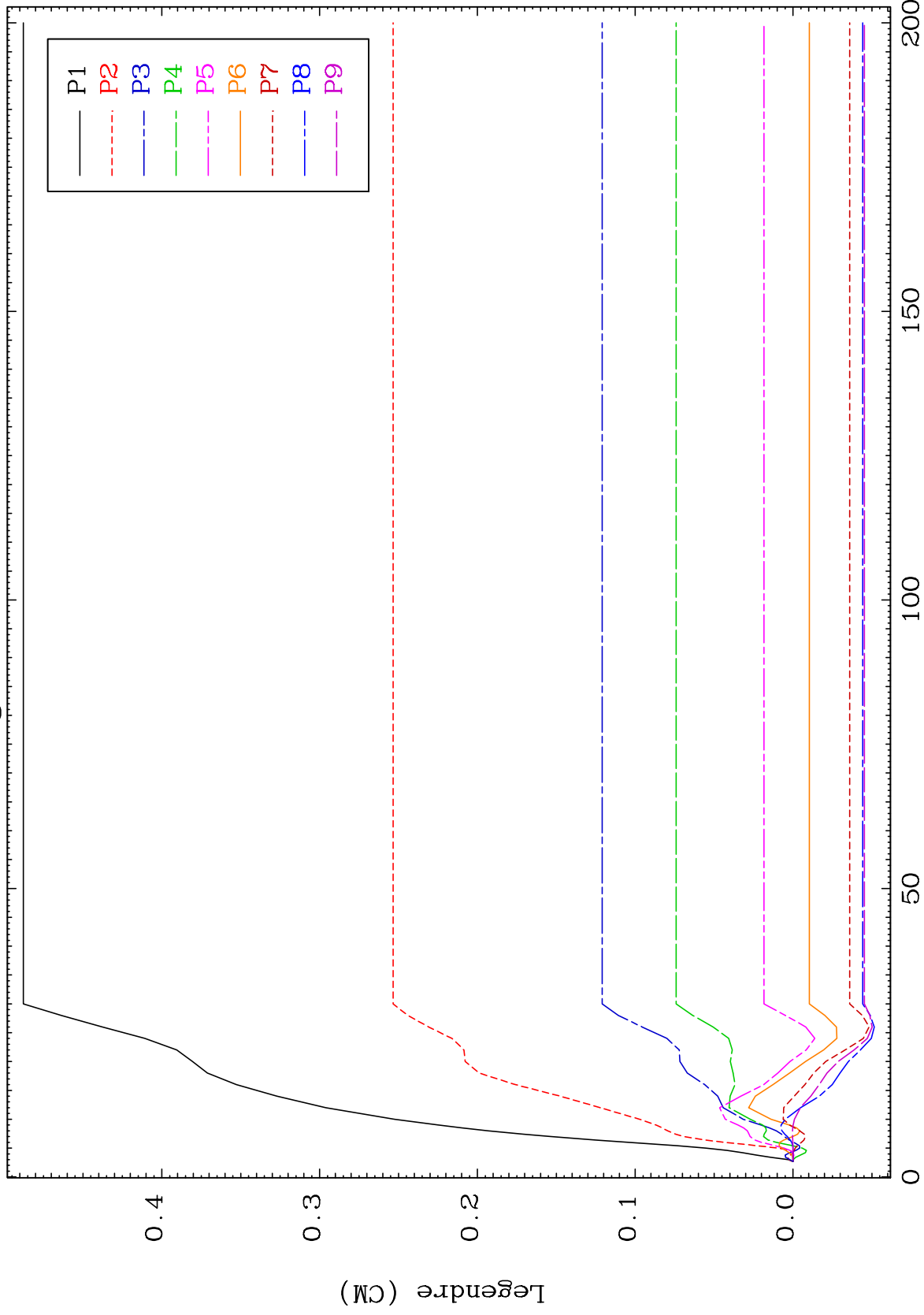


112

MAT 4119

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

41-Nb-91



113

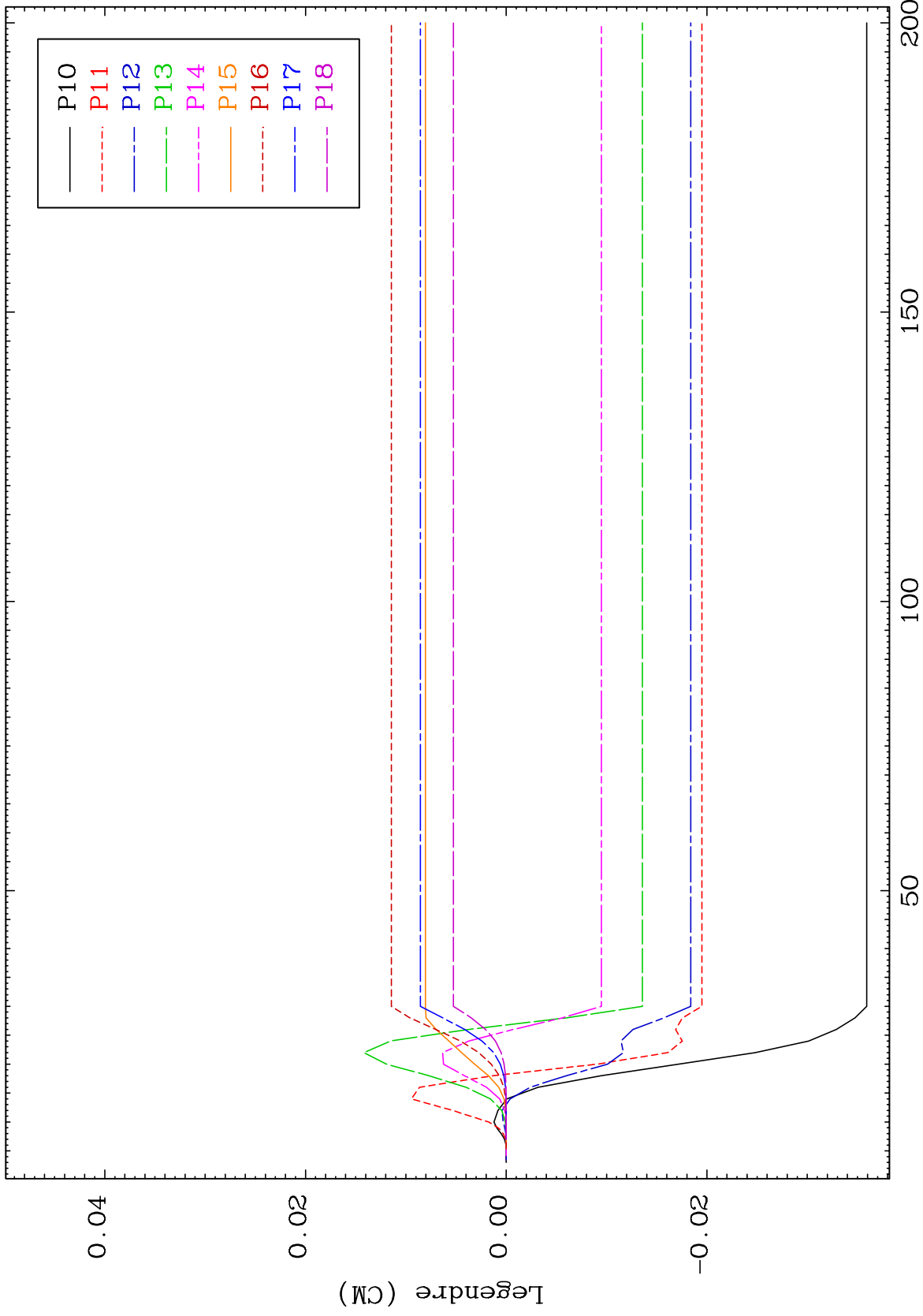
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



114

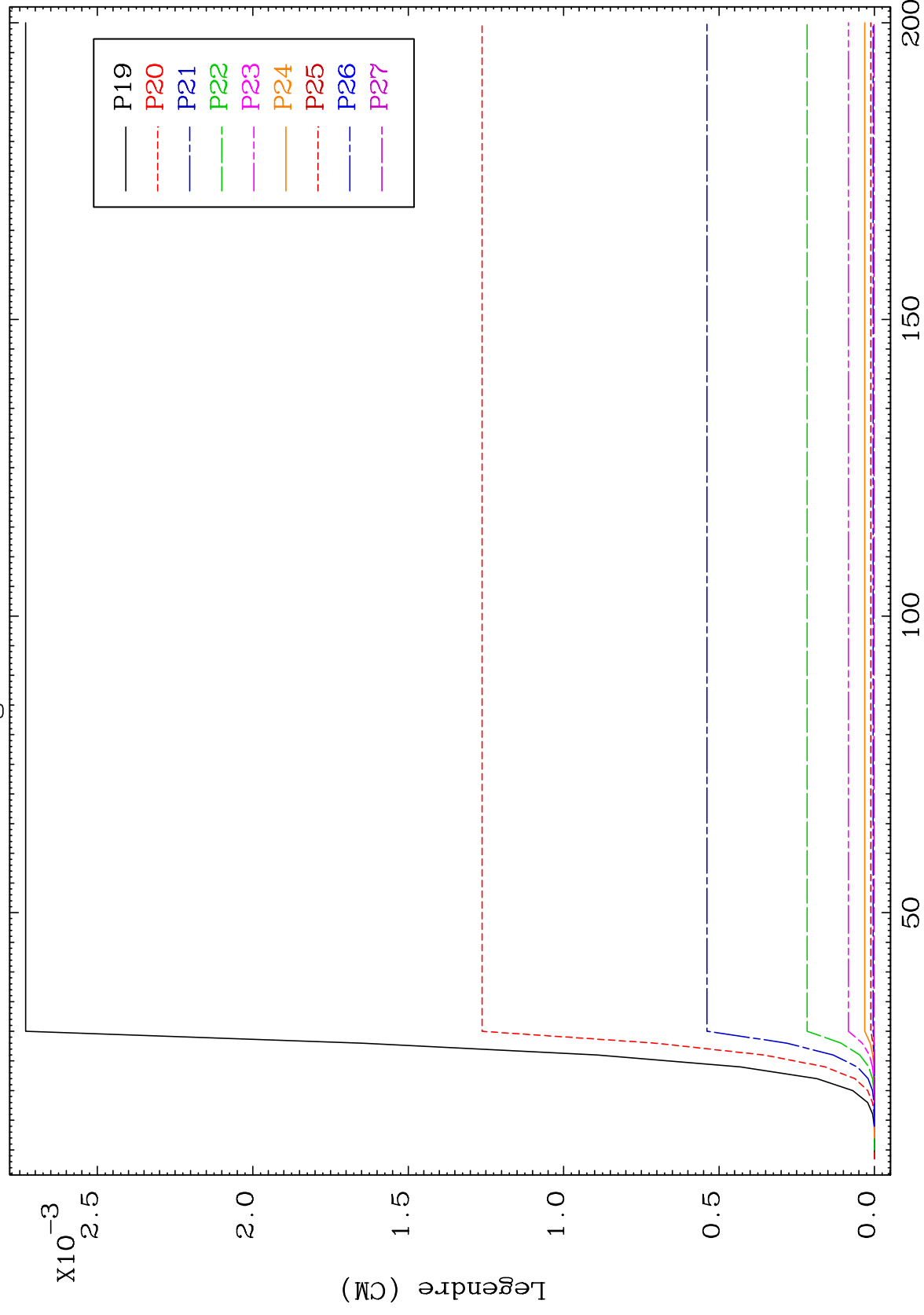
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



115

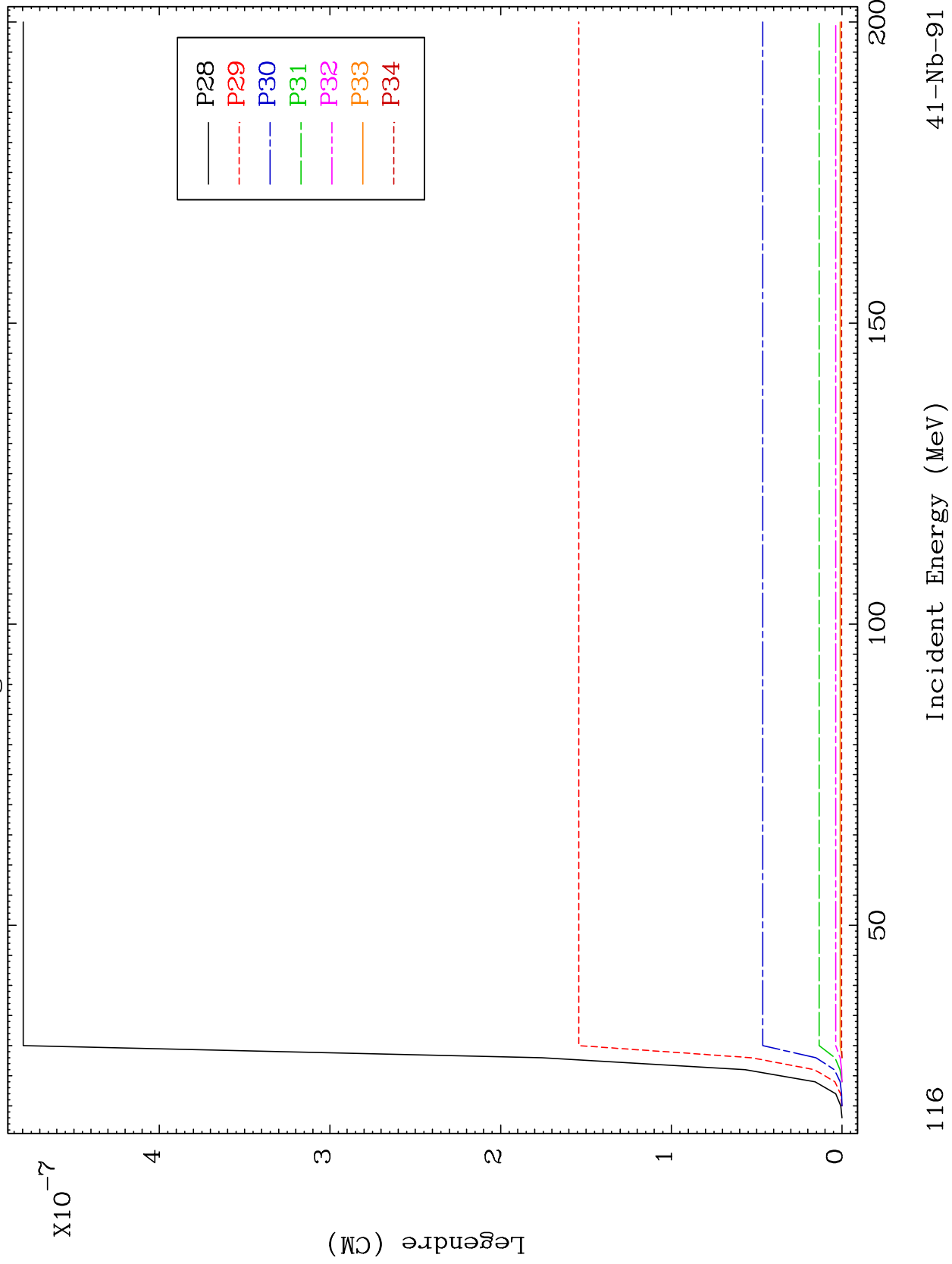
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91

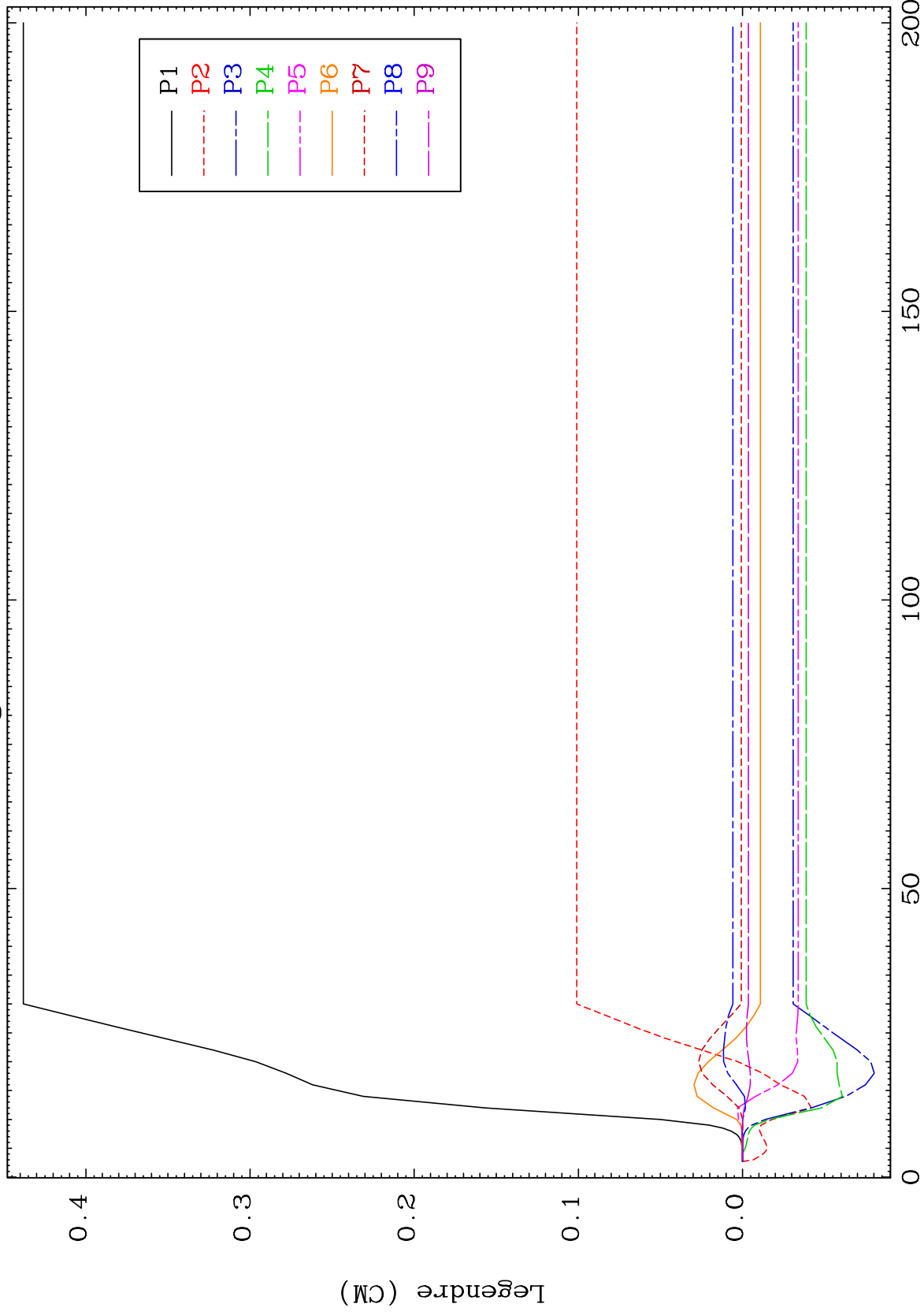


116

MAT 4119

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

41-Nb-91



117

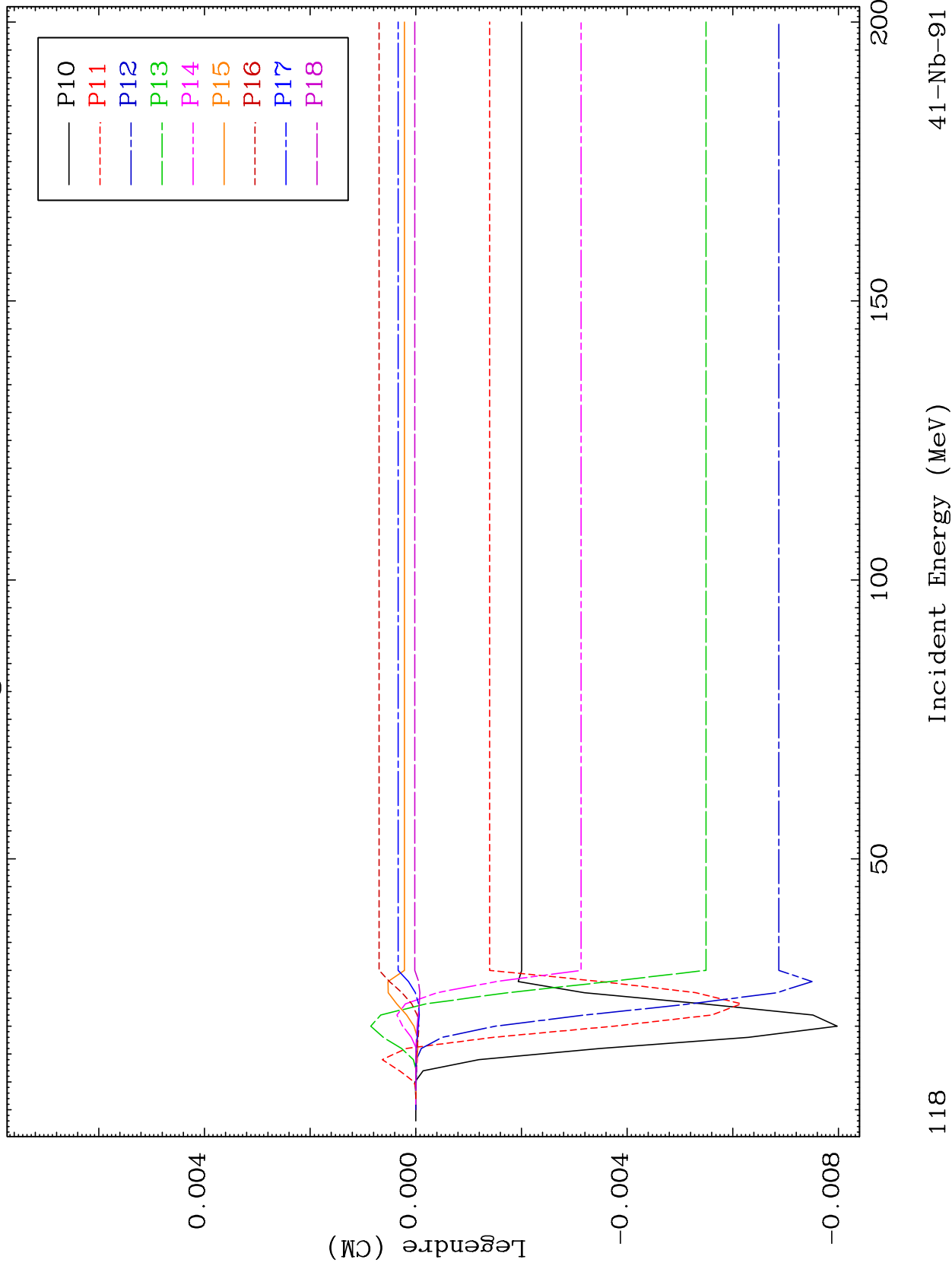
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



118

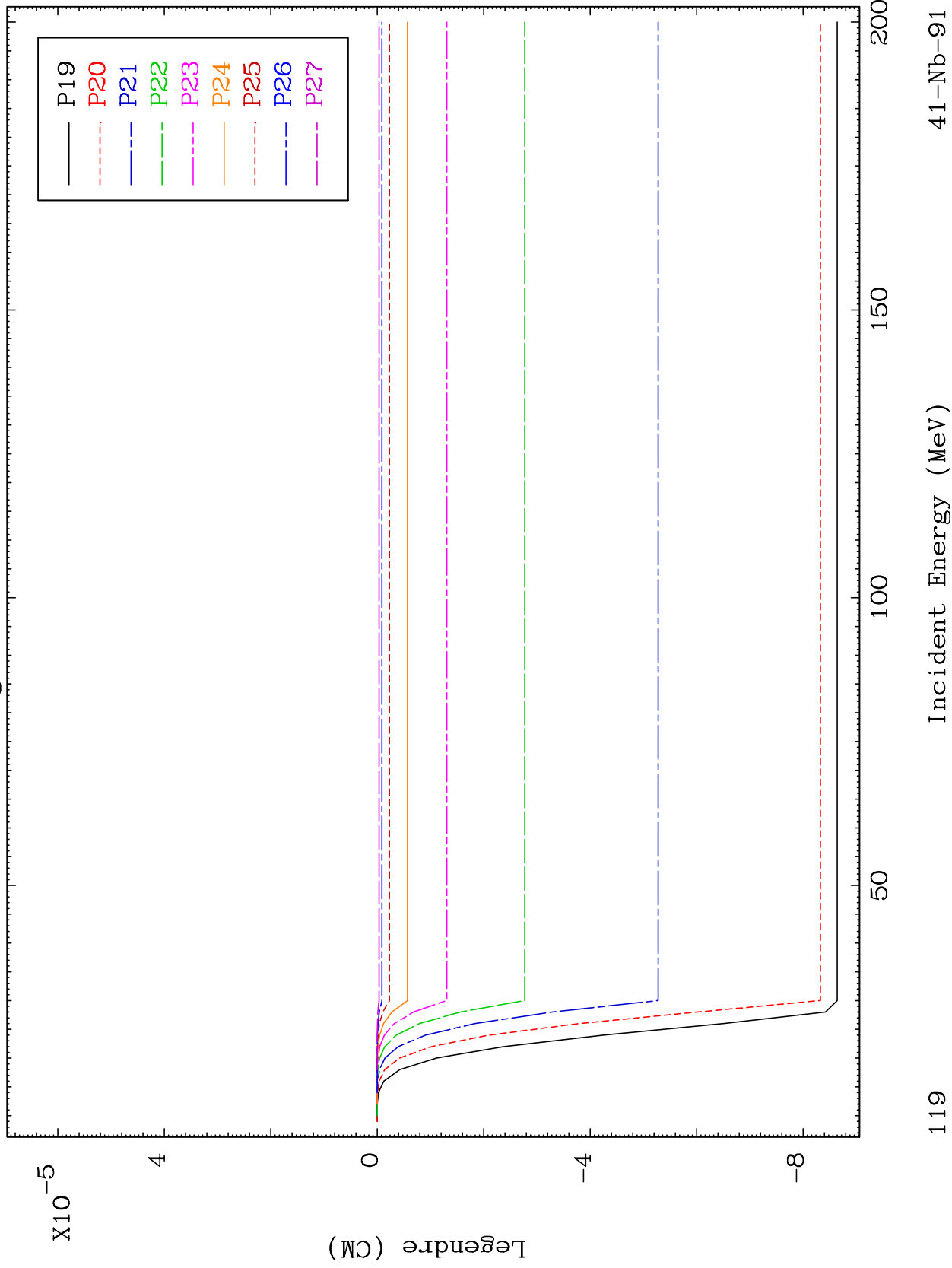
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



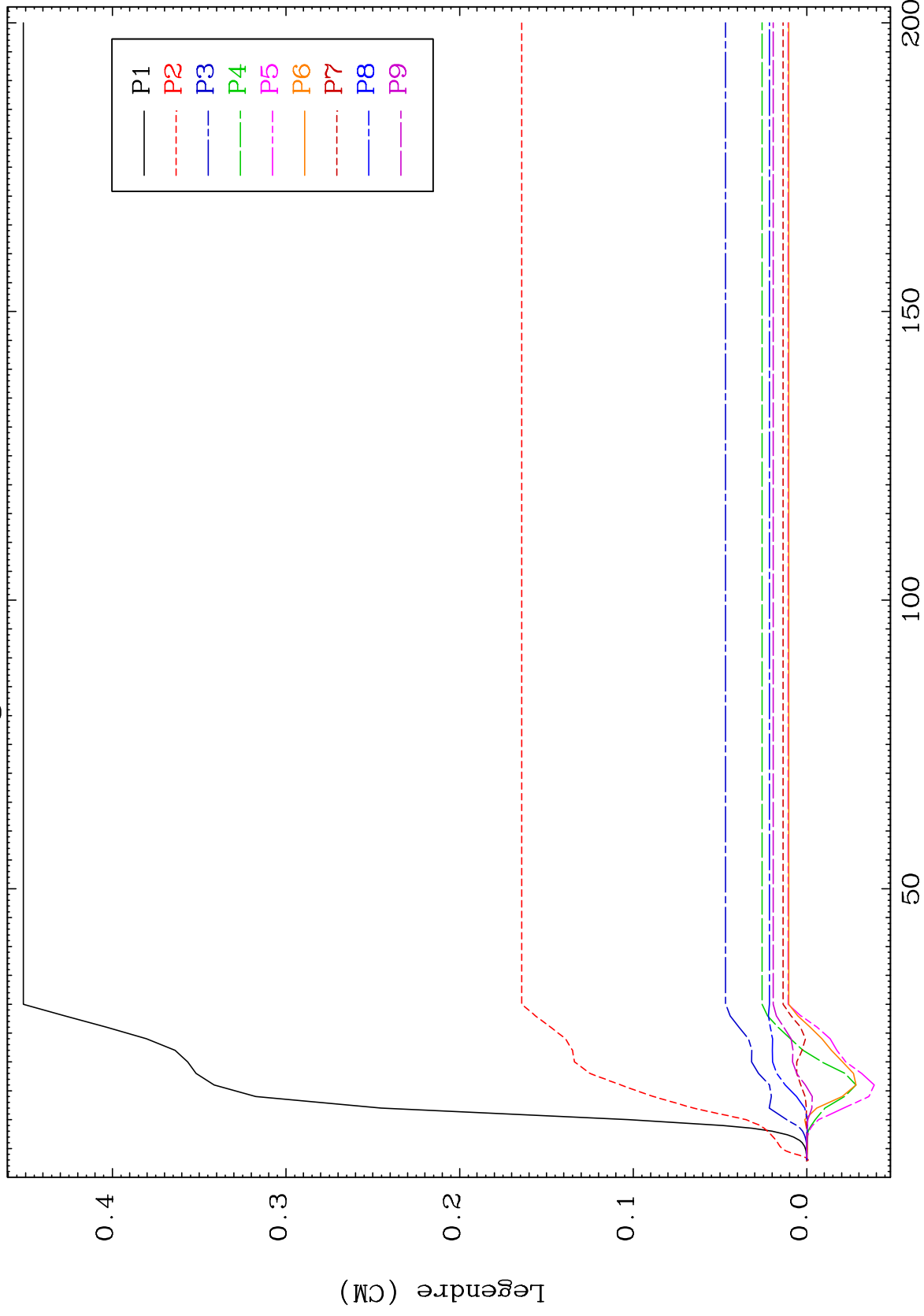
119

41-Nb-91

MAT 4119

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

41-Nb-91



121

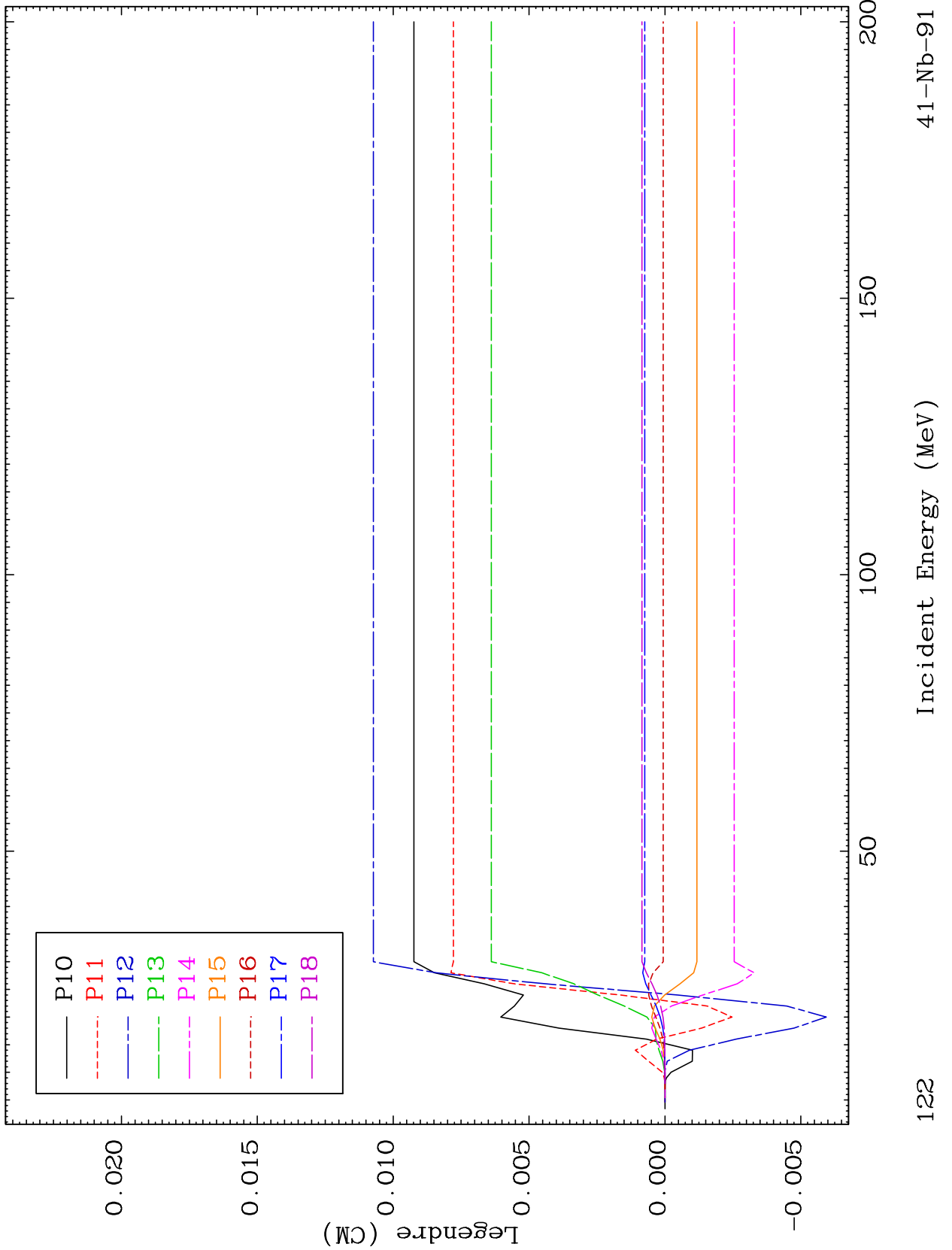
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

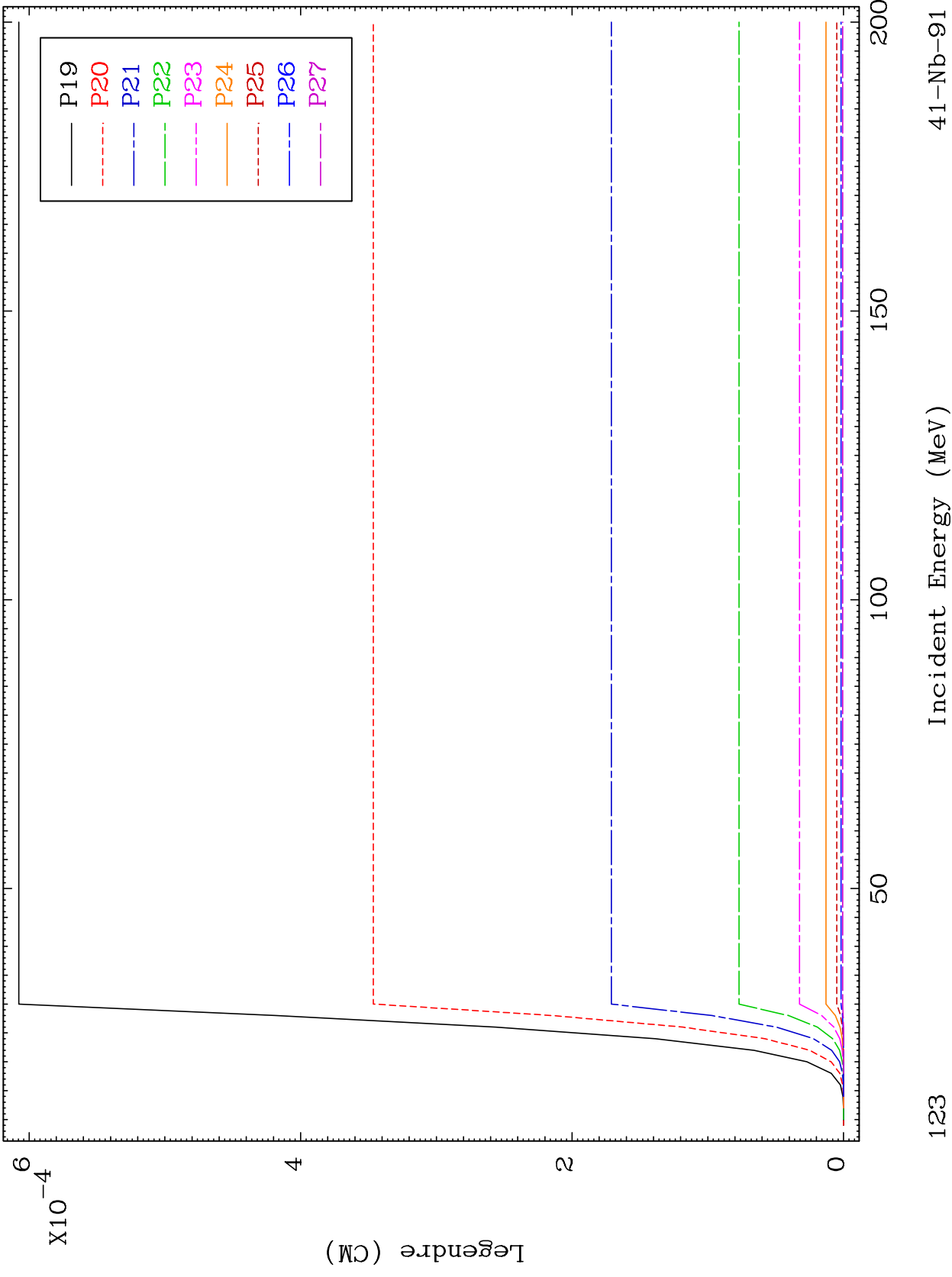
41-Nb-91



MAT 4119

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

41-Nb-91

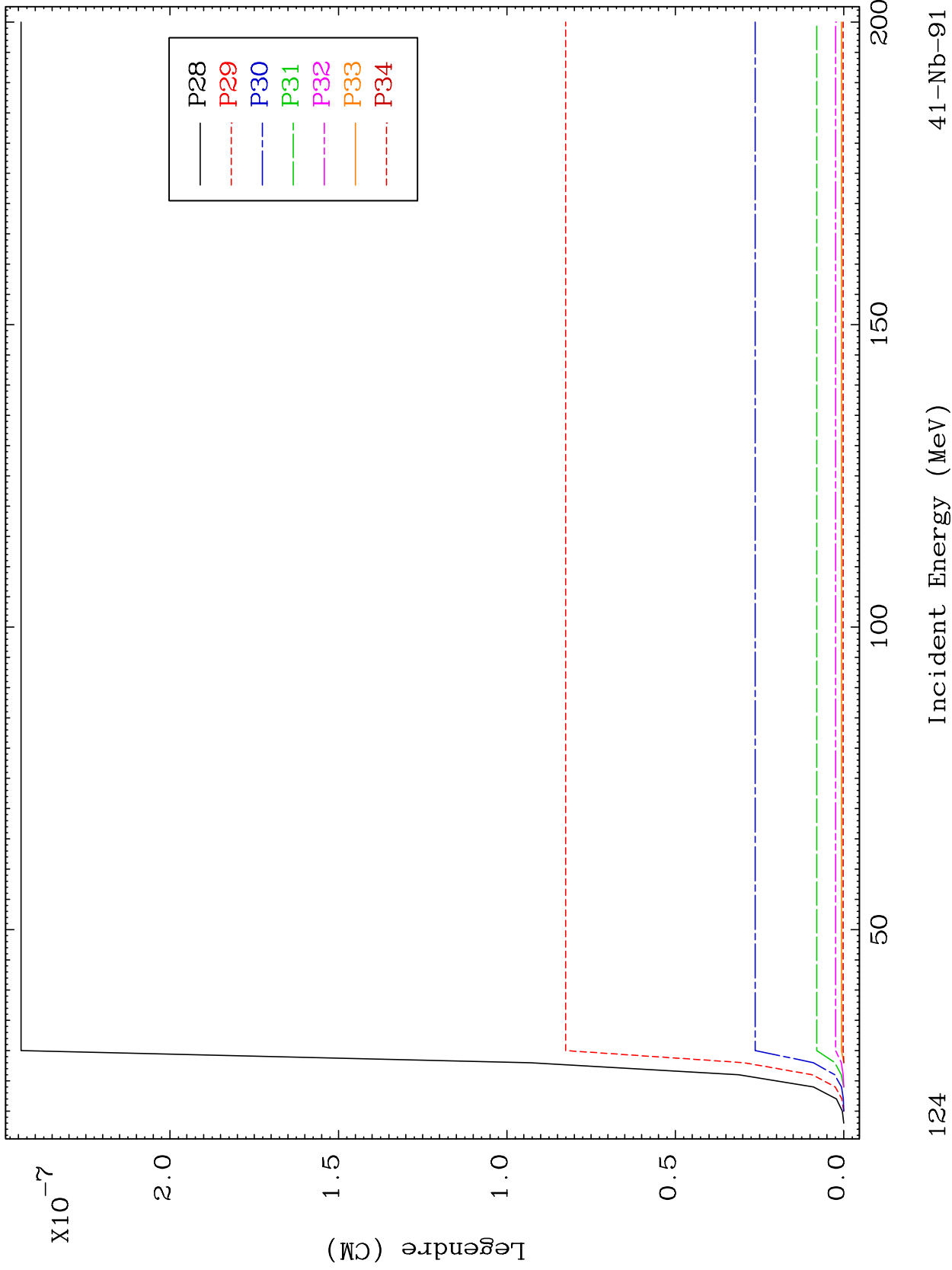


123

MAT 4119

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

41-Nb-91



124

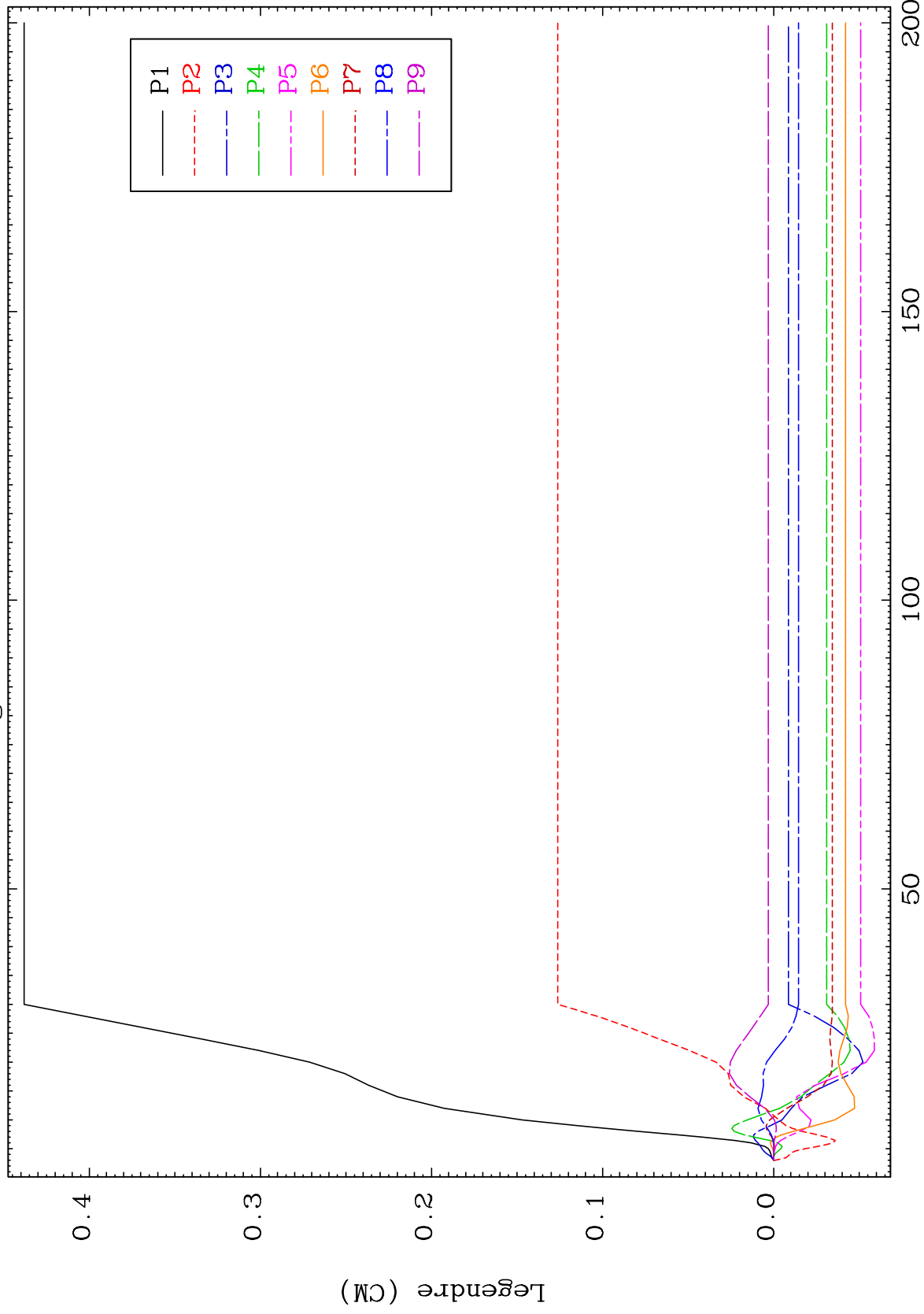
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



125

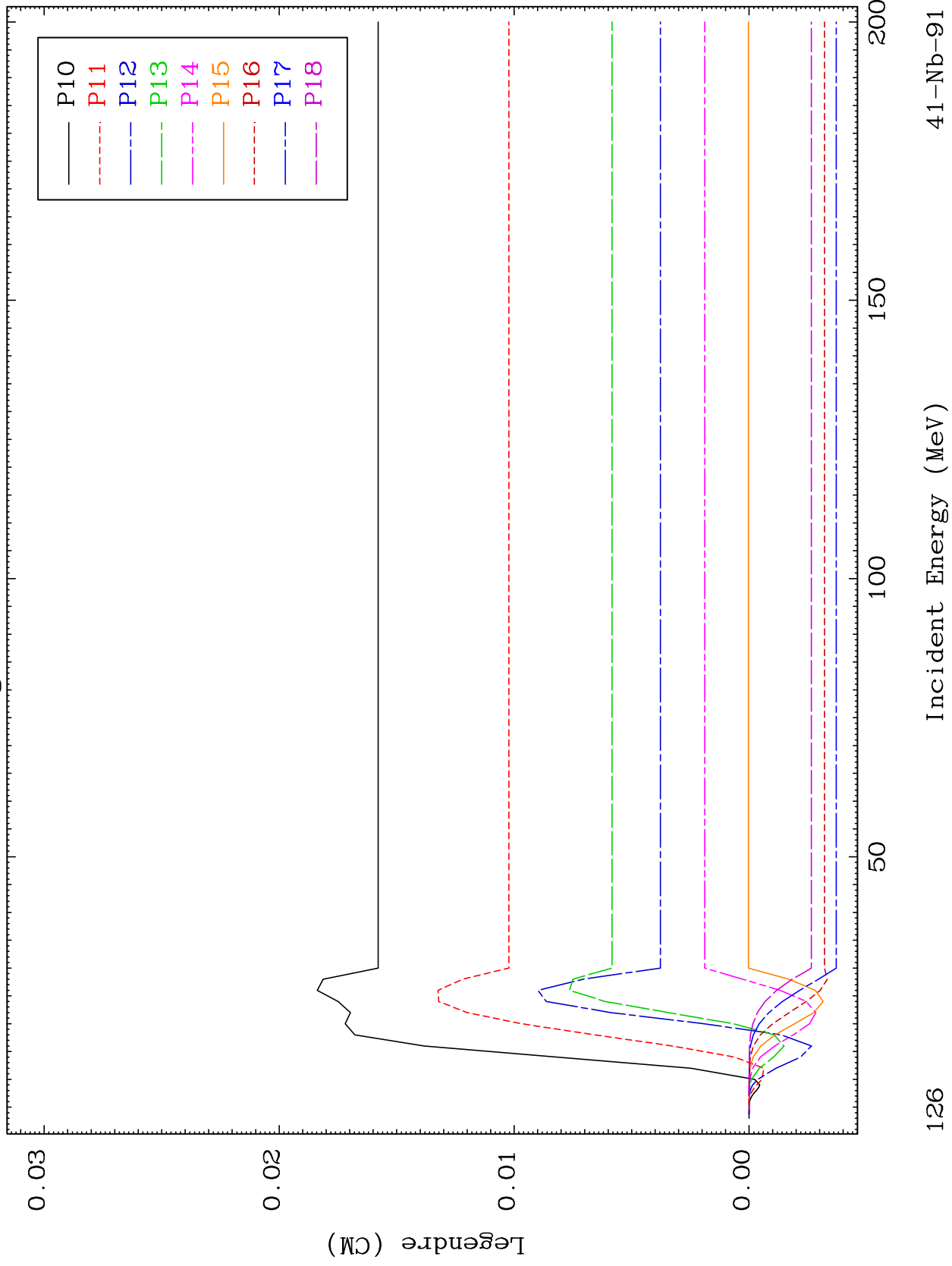
Incident Energy (MeV)

41-Nb-91

MAT 4119

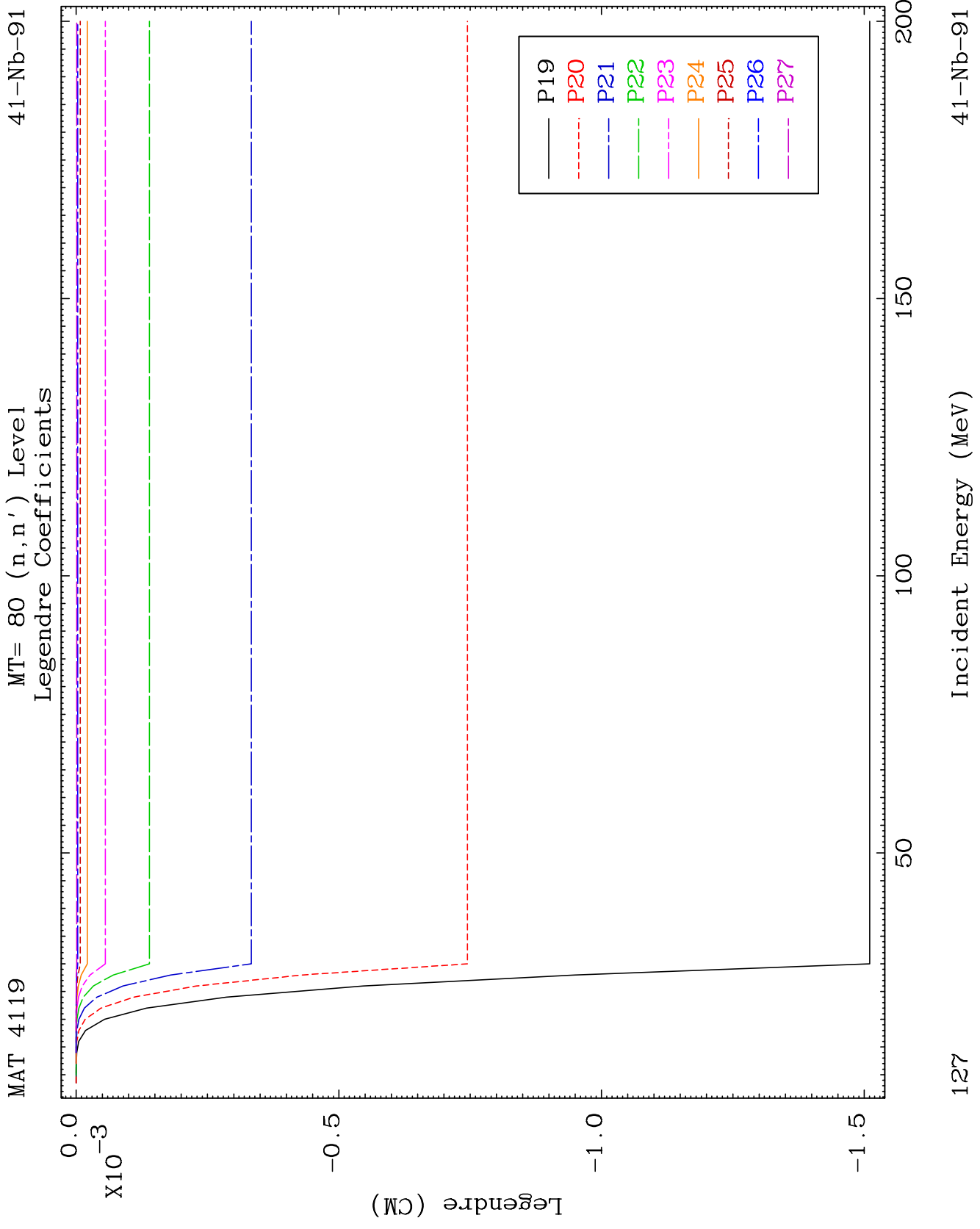
MT= 80 (n,n') Level
Legendre Coefficients

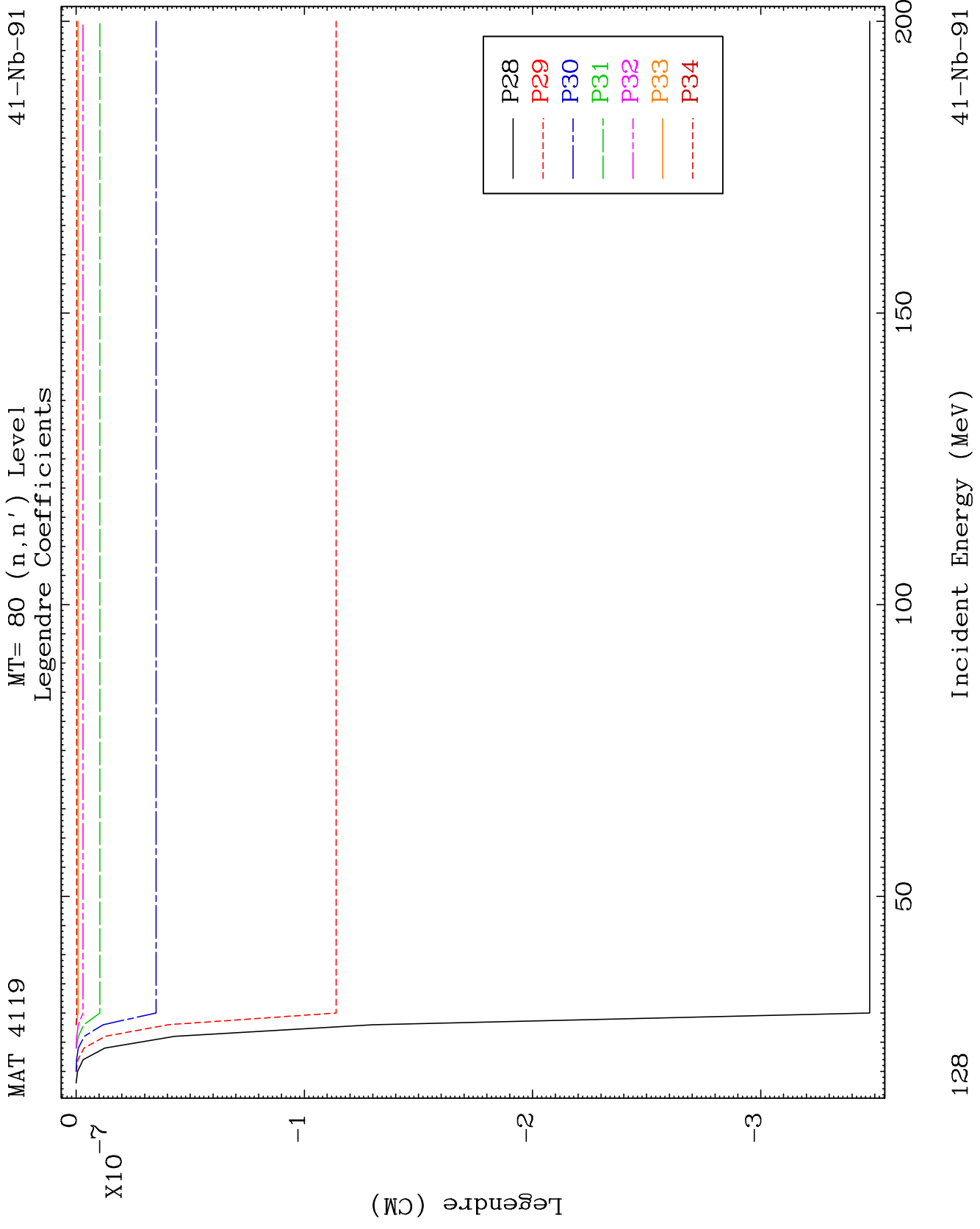
41-Nb-91



126

41-Nb-91

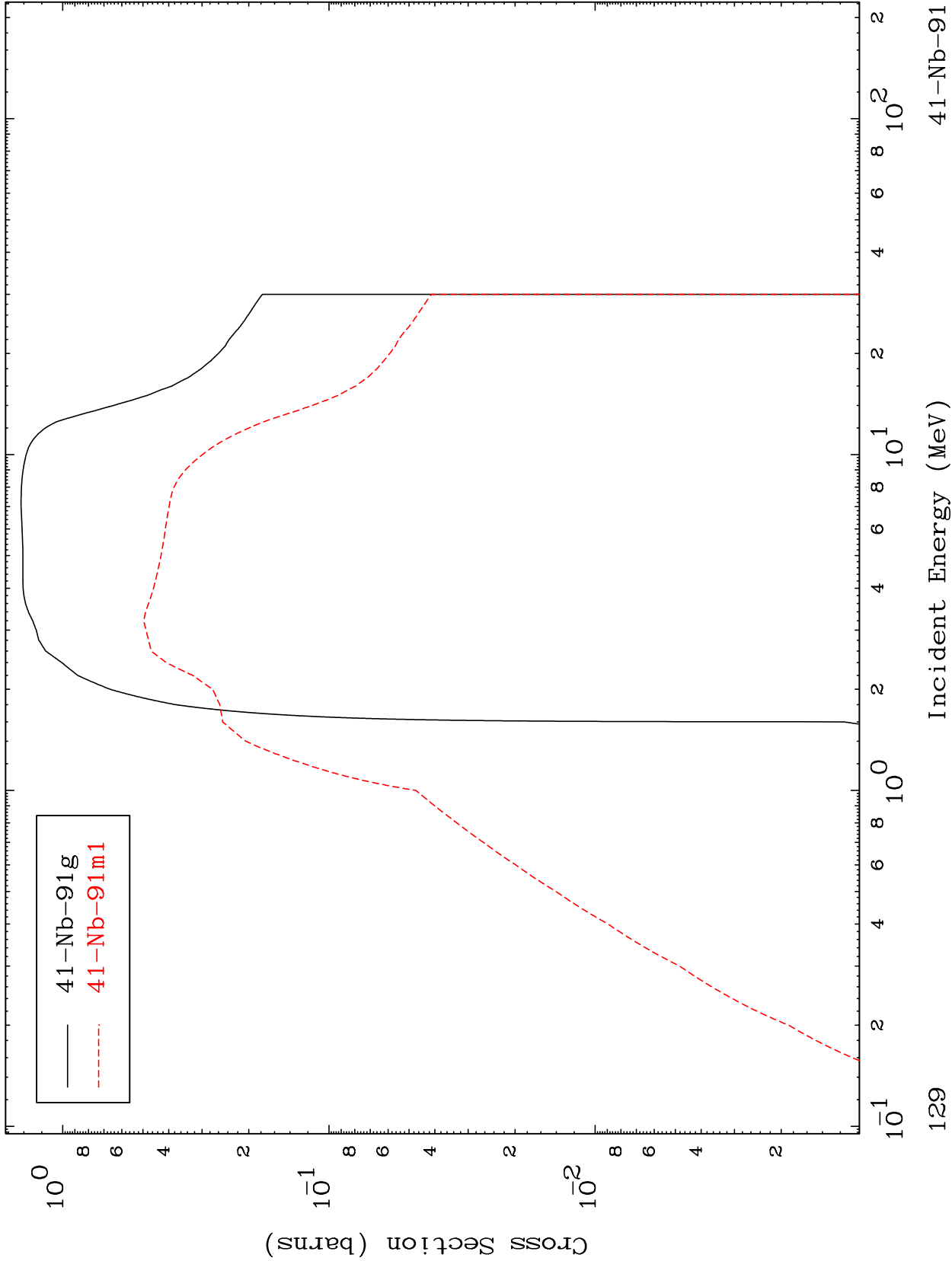




MAT 4119

41-Nb-91

Inelastic
Radionuclide Production Cross Section



41-Nb-91

Incident Energy (MeV)

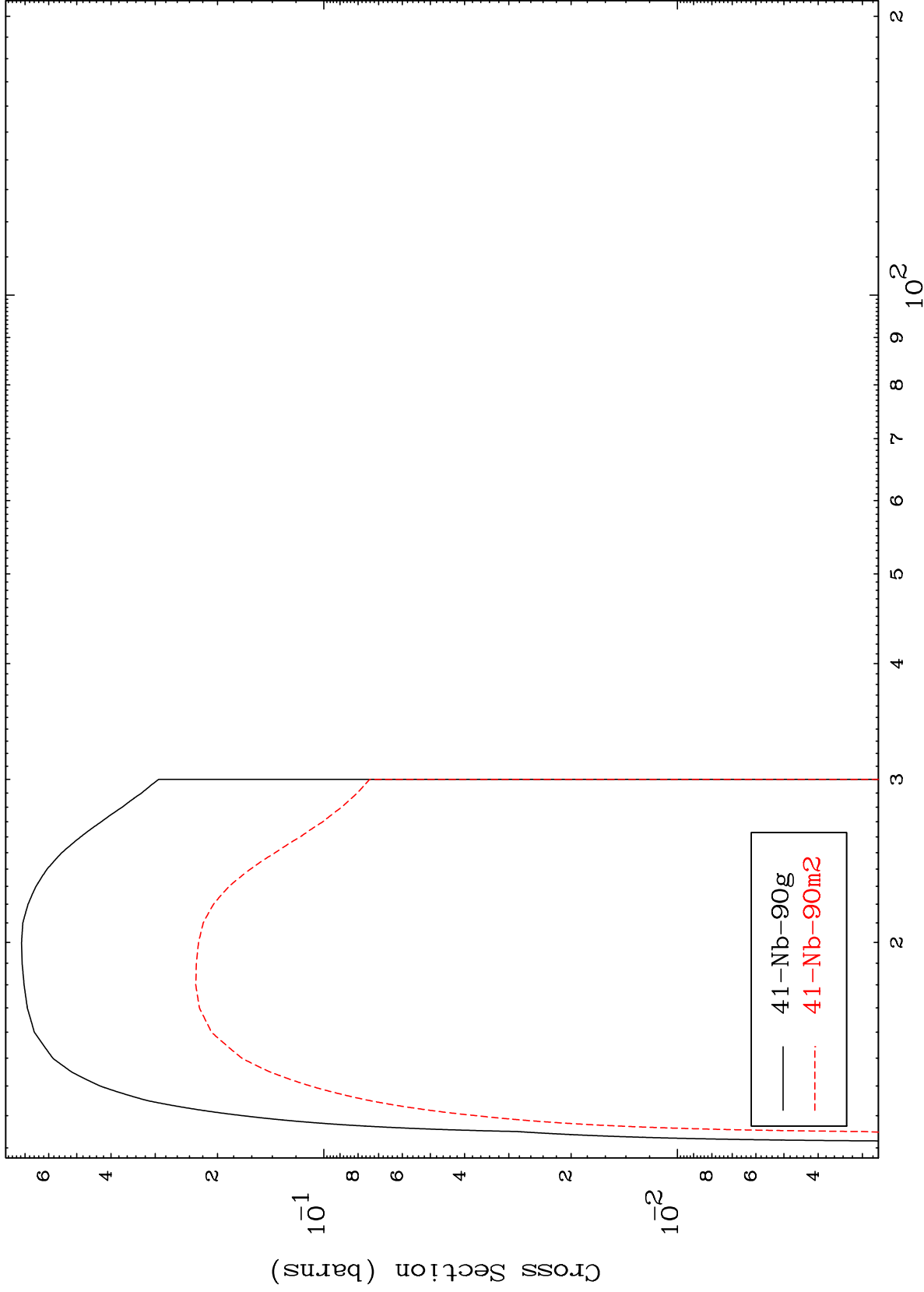
129

MAT 4119

(n,2n)

41-Nb-91

Radionuclide Production Cross Section



130

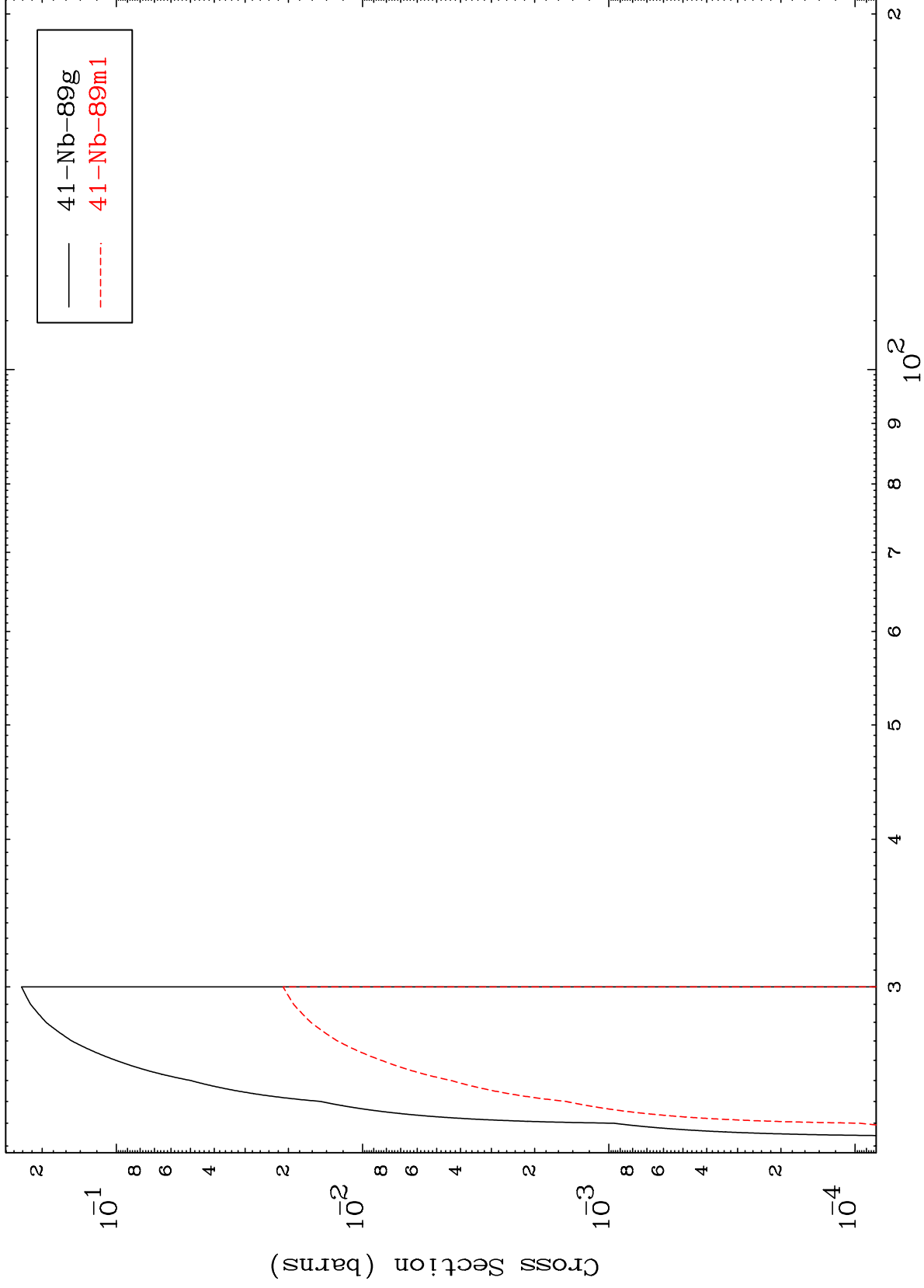
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,3n)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

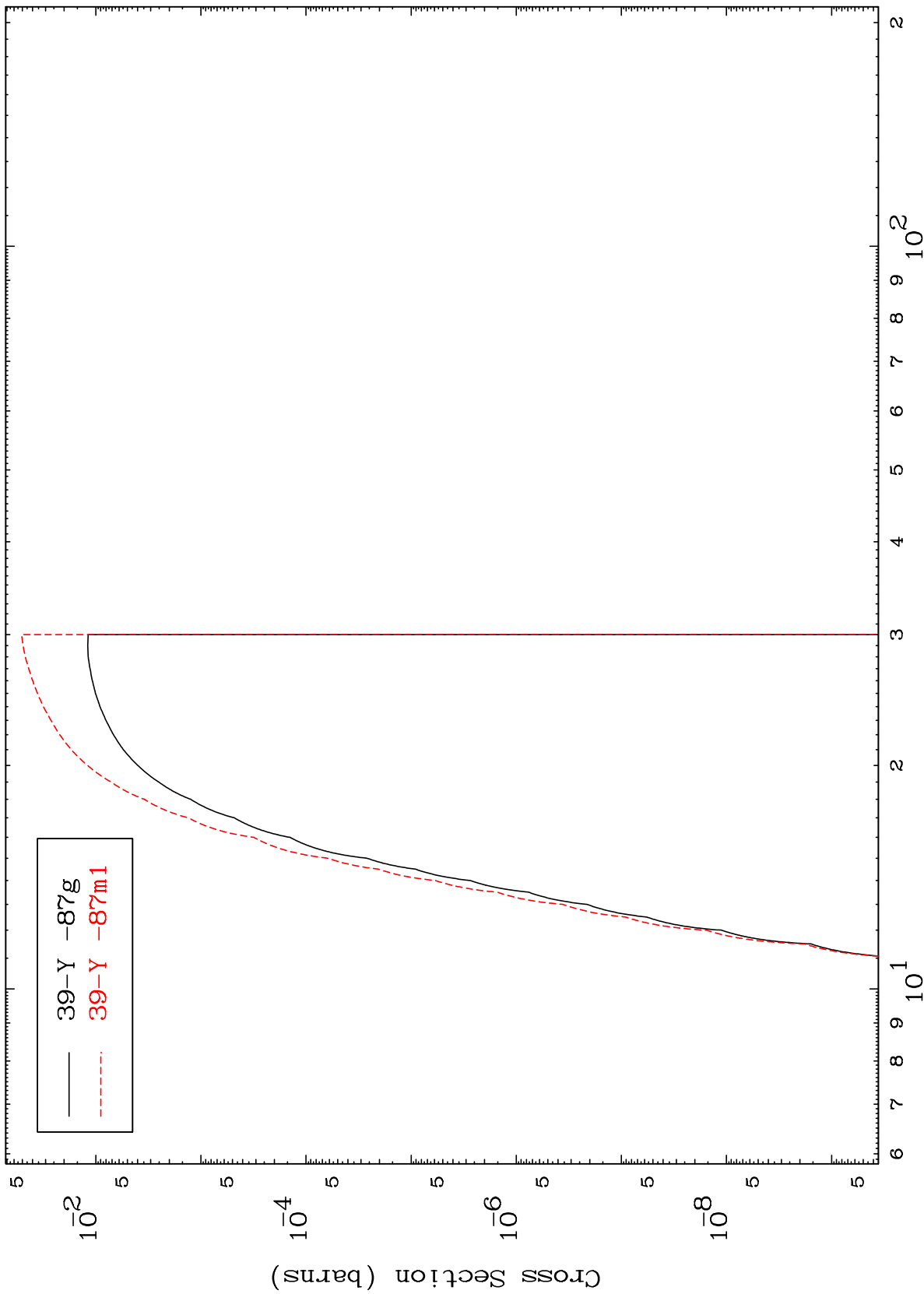
41-Nb-91

MAT 4119

(n,n') α

41-Nb-91

Radionuclide Production Cross Section



132

Incident Energy (MeV)

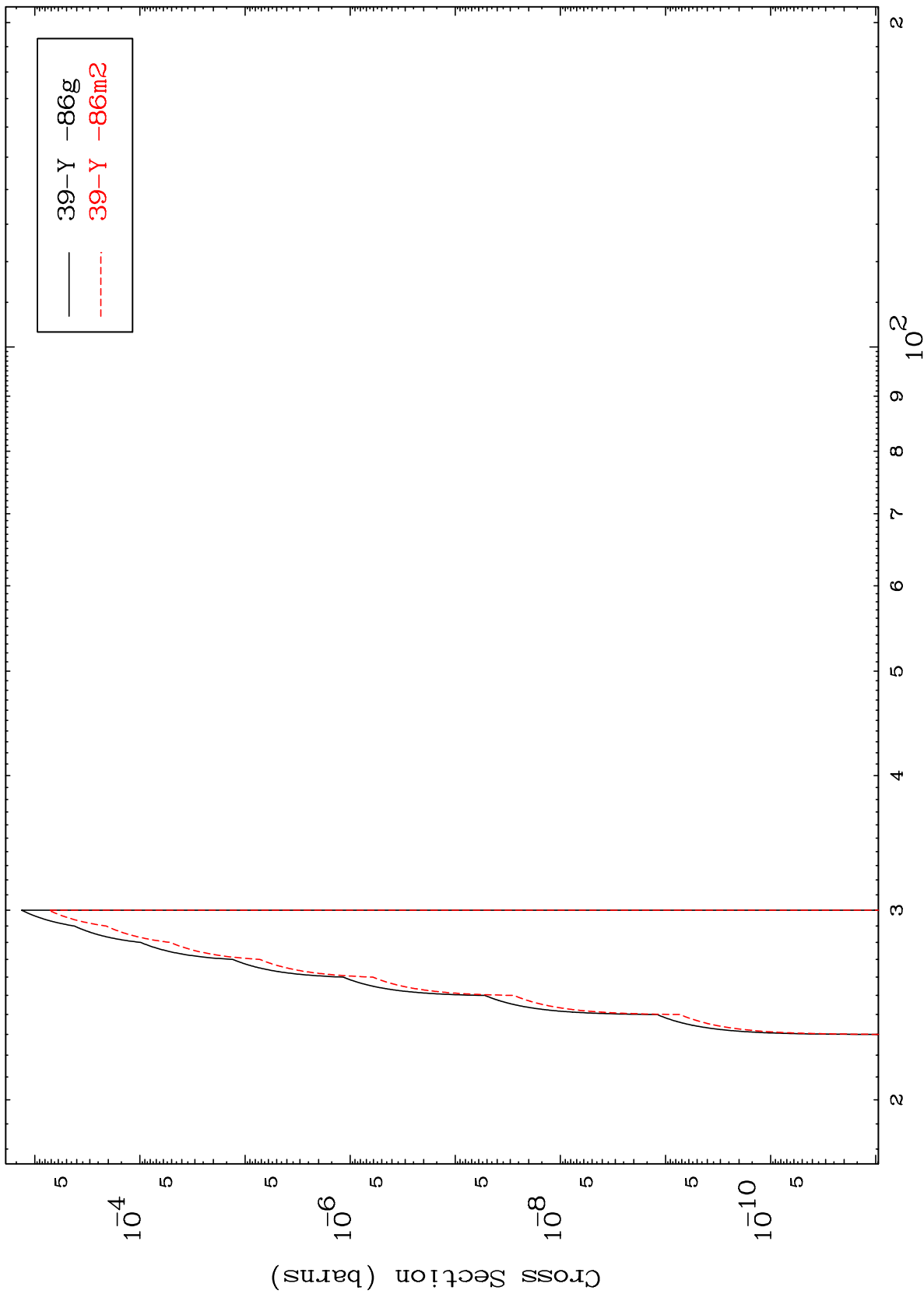
41-Nb-91

MAT 4119

(n,2n) α

41-Nb-91

Radionuclide Production Cross Section



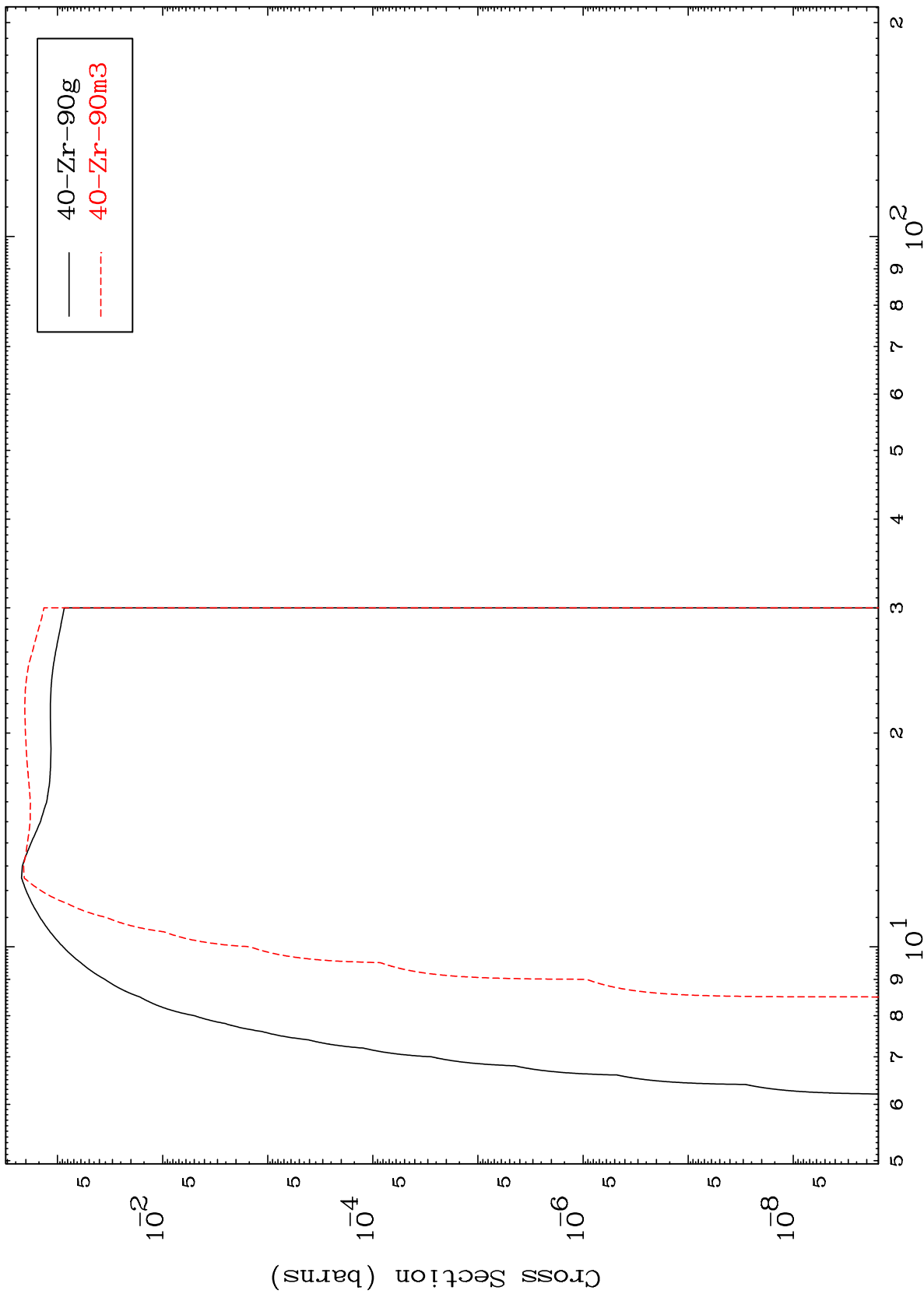
39-Y -86g
39-Y -86m2

133

Incident Energy (MeV)

41-Nb-91

(n,n') p
Radionuclide Production Cross Section

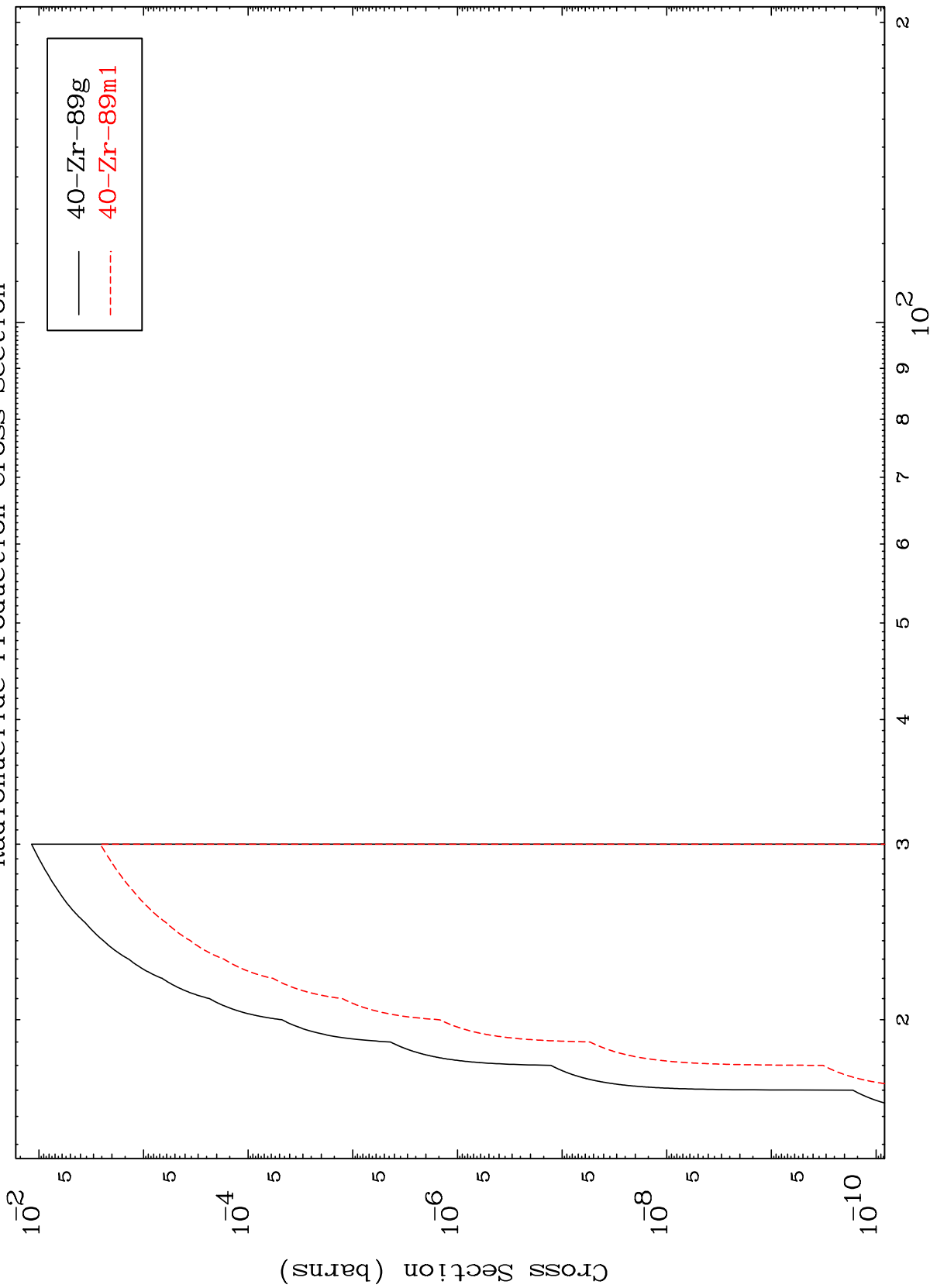


MAT 4119

(n,n') d

41-Nb-91

Radionuclide Production Cross Section



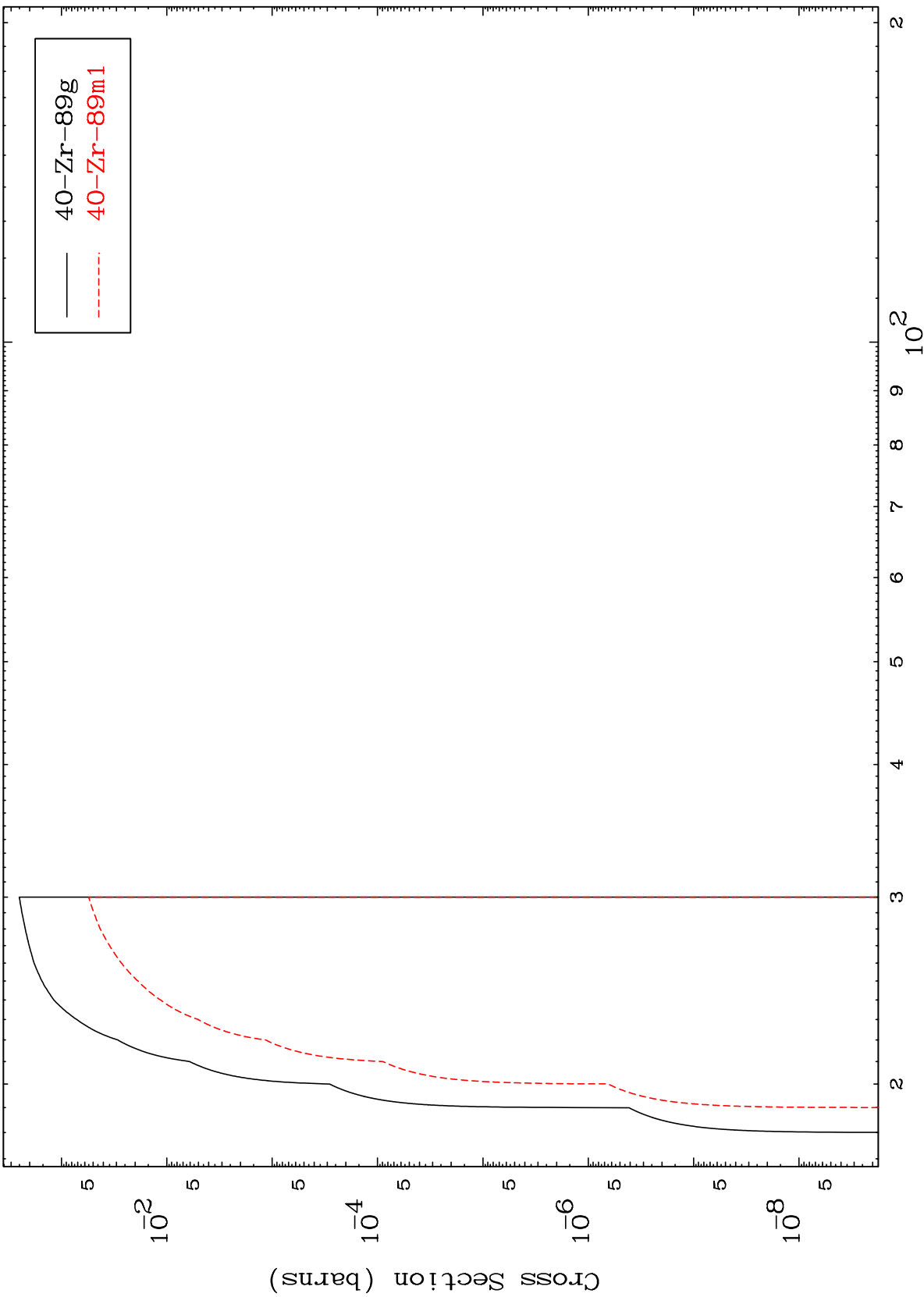
40-Zr-89g
40-Zr-89m1

135

Incident Energy (MeV)

41-Nb-91

Radionuclide Production Cross Section

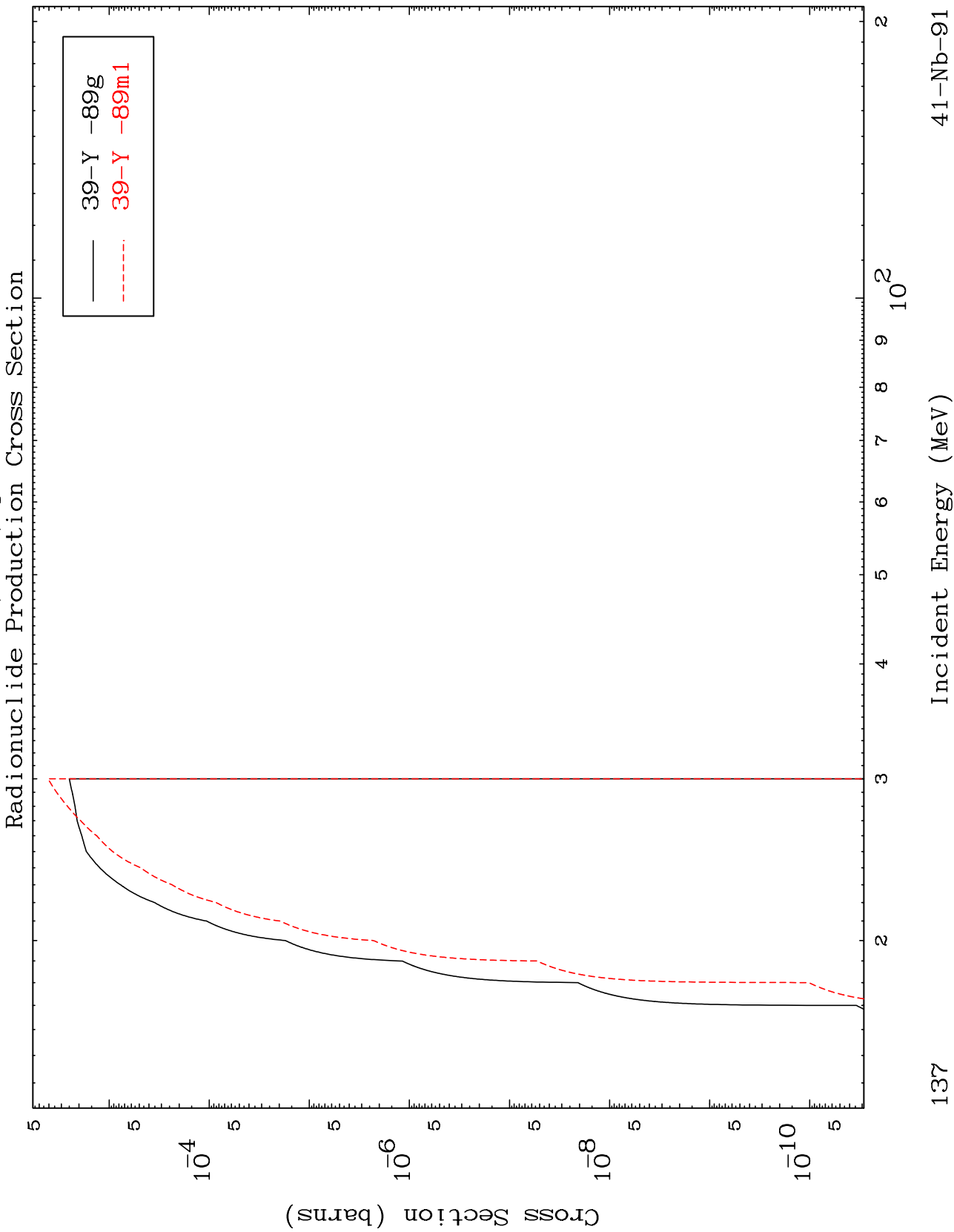


40-Zr-89g
40-Zr-89m1

MAT 4119

(n,2n) p

41-Nb-91



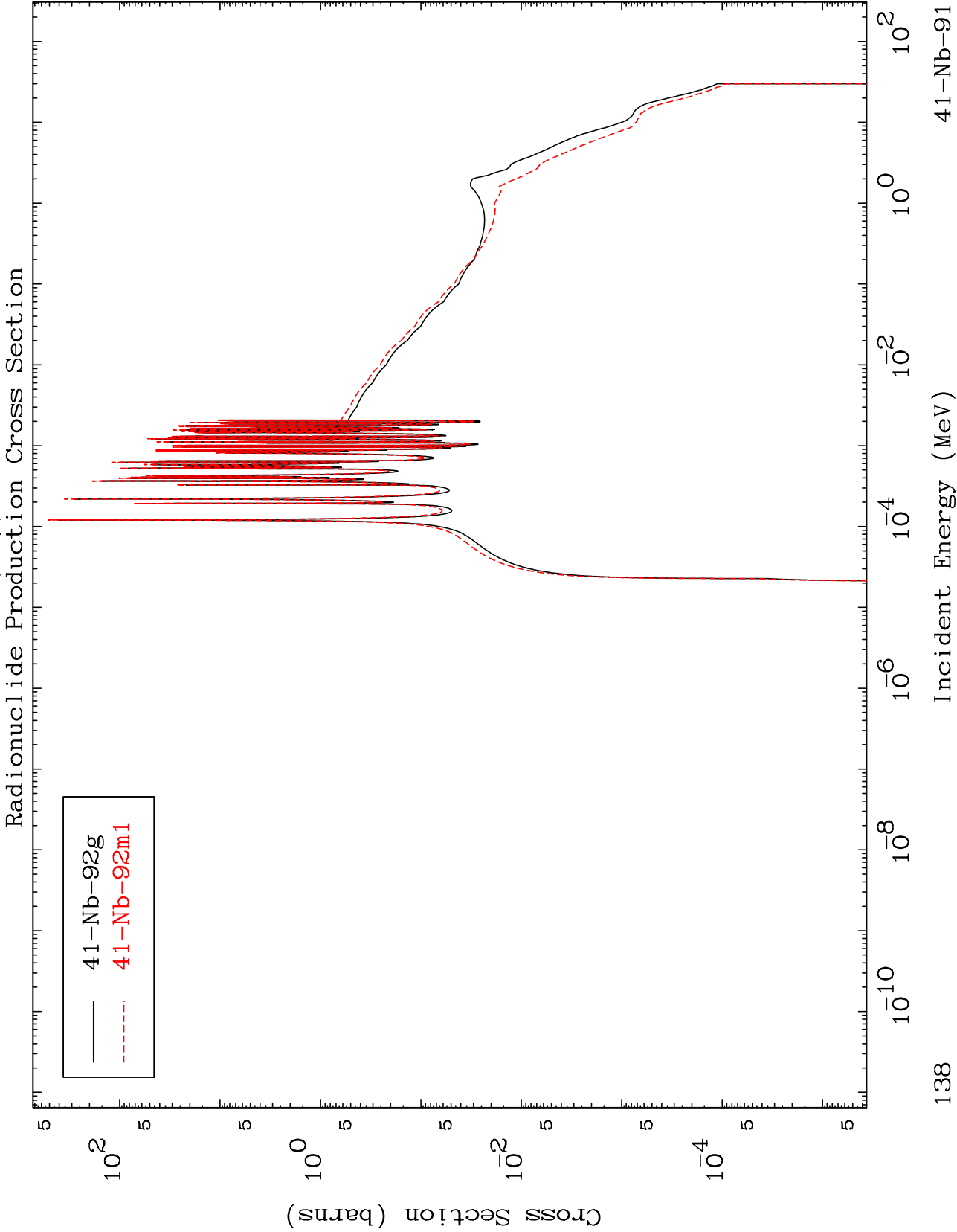
137

Incident Energy (MeV)

41-Nb-91

MAT 4119

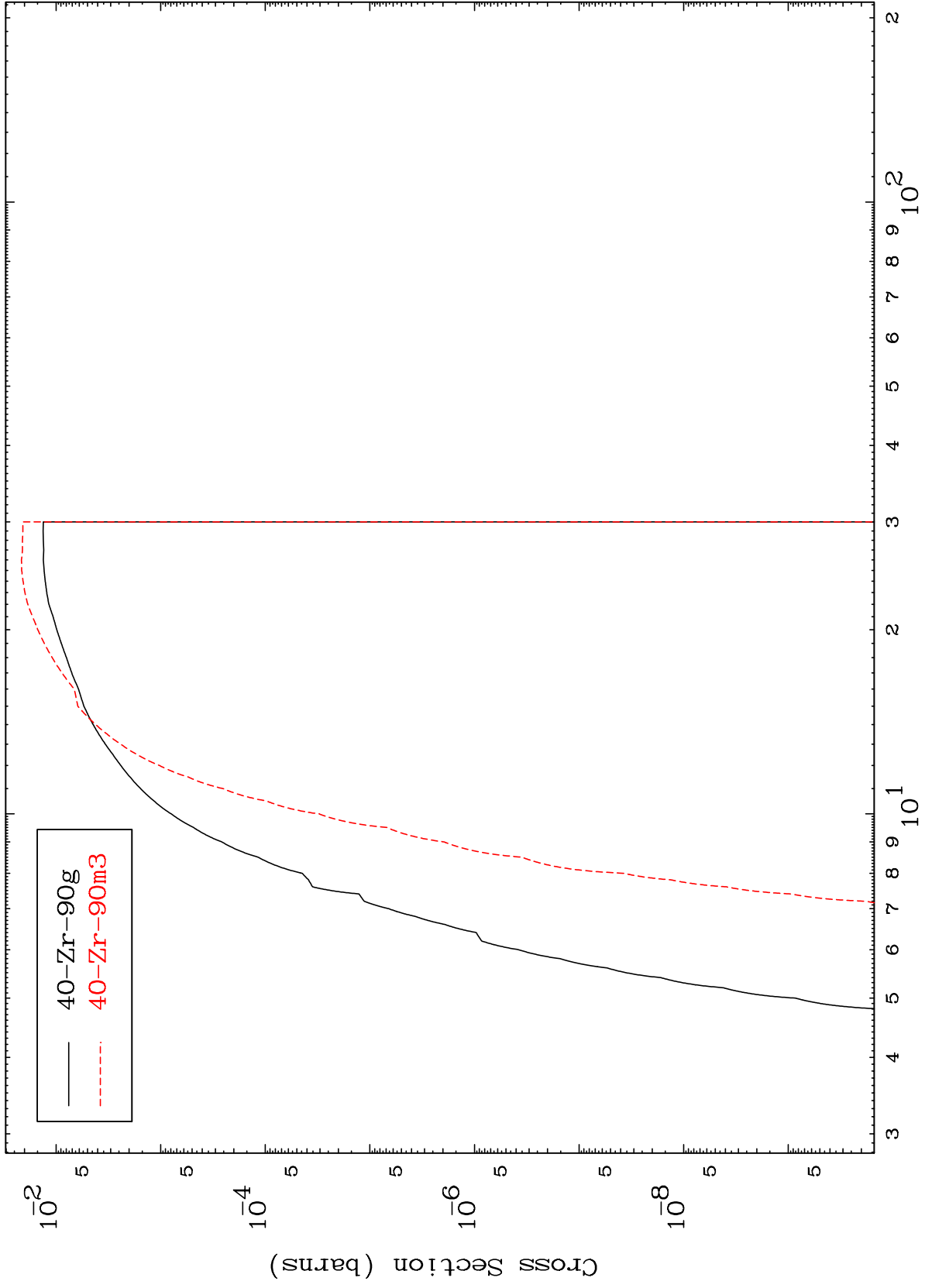
41-Nb-91



MAT 4119

41-Nb-91

(n,d)
Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

139

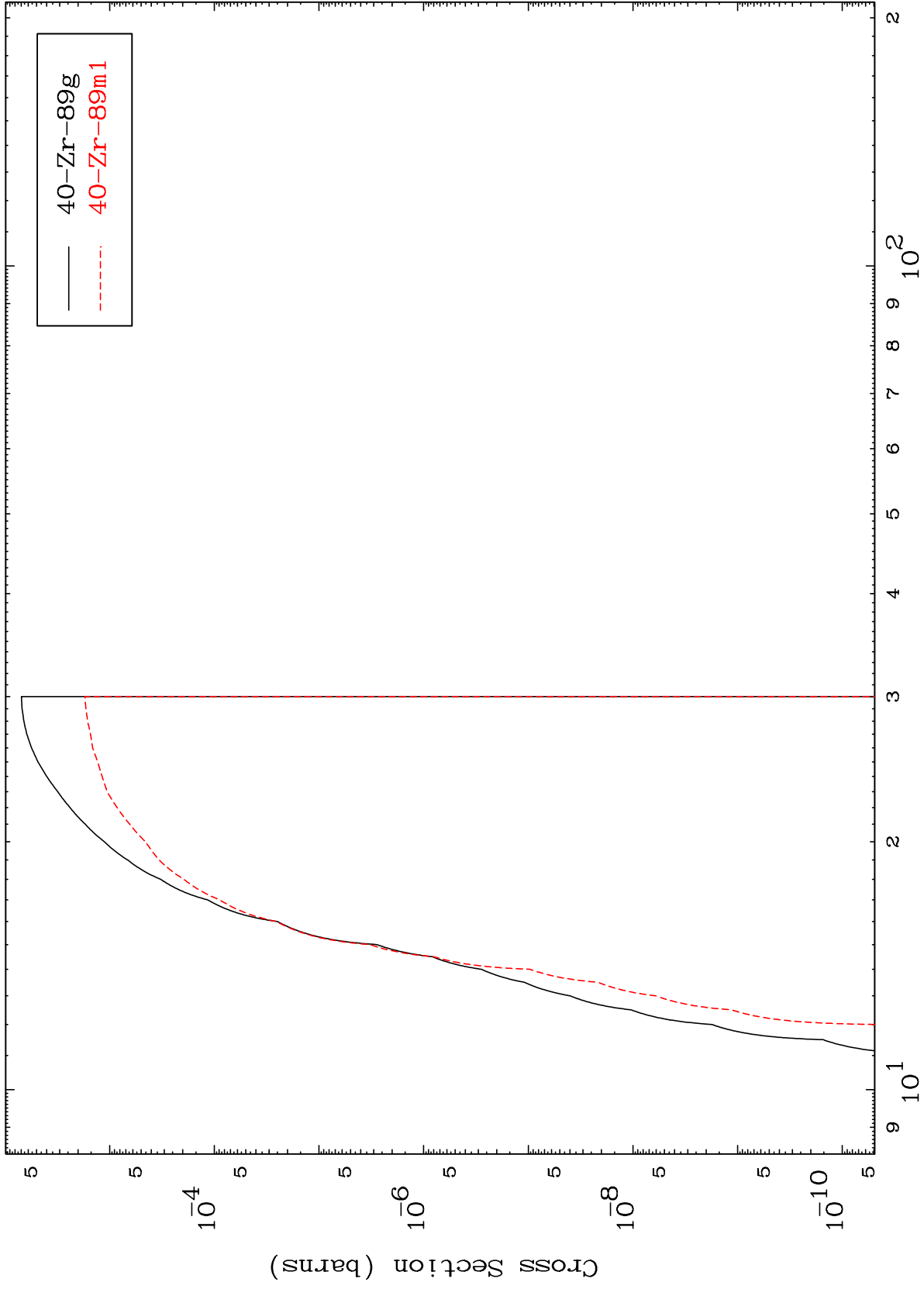
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,t)
Radionuclide Production Cross Section



41-Nb-91

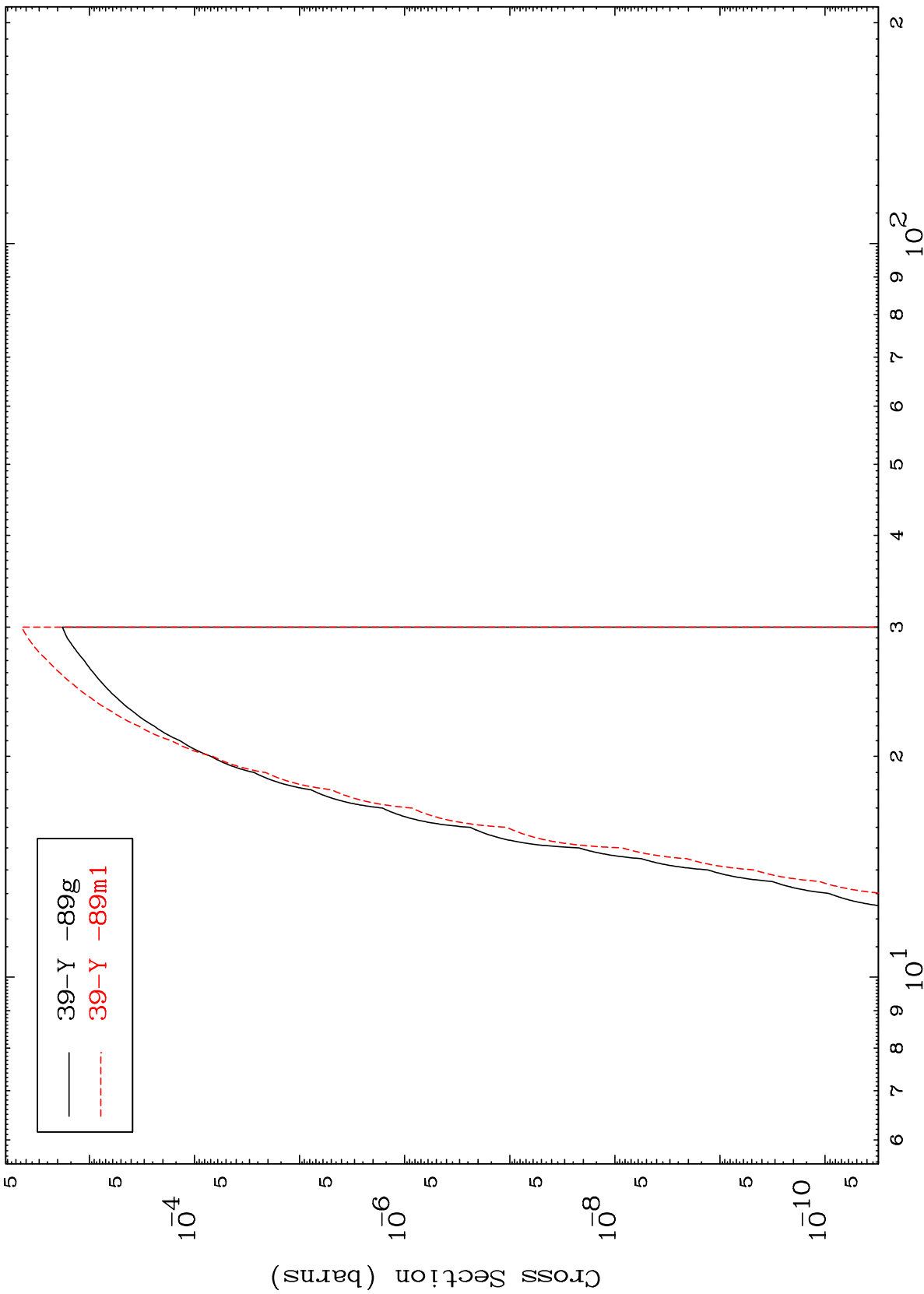
Incident Energy (MeV)

140

MAT 4119

41-Nb-91

(n,He-3)
Radionuclide Production Cross Section



141

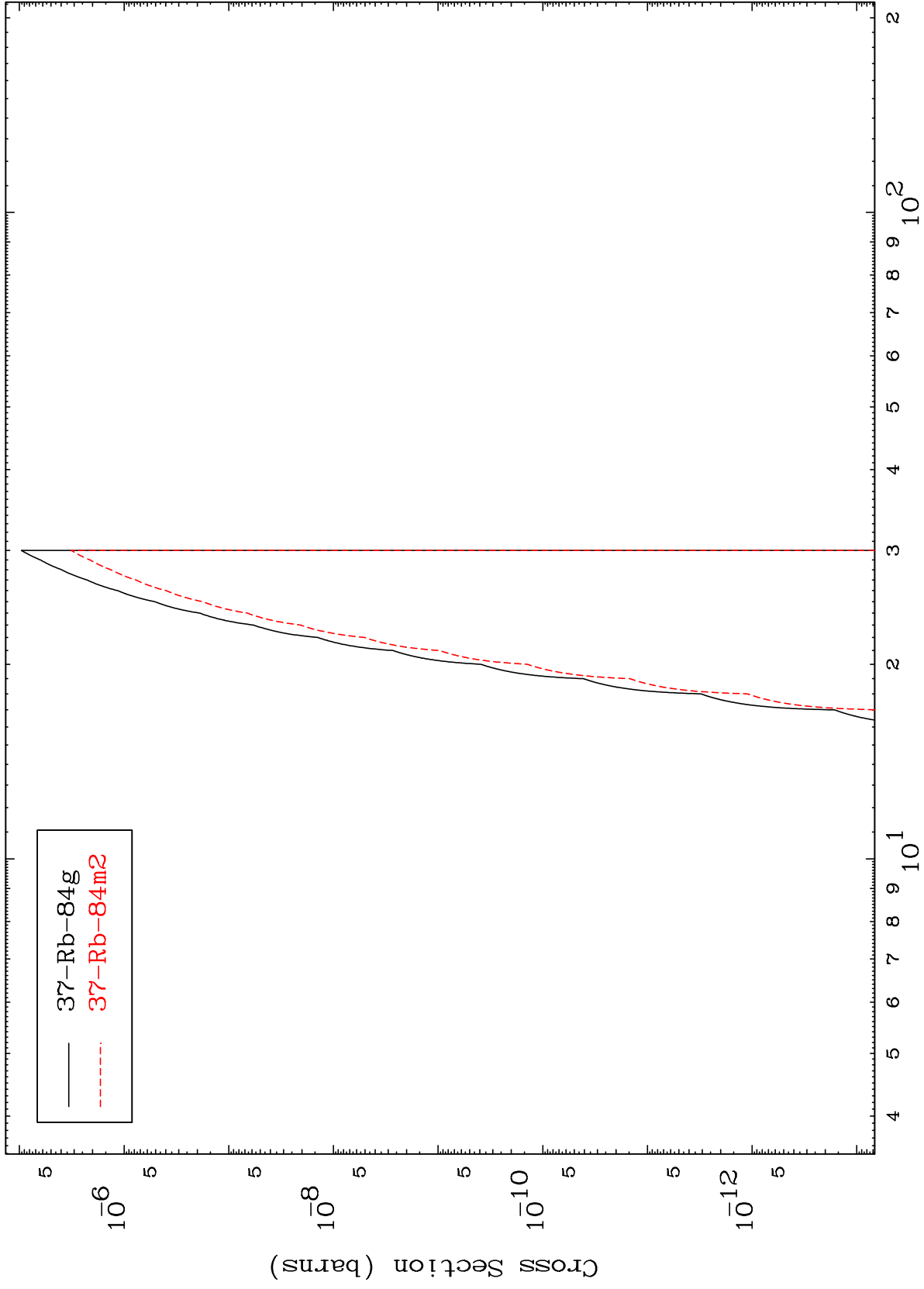
41-Nb-91

Incident Energy (MeV)

MAT 4119

41-Nb-91

(n,2α)
Radionuclide Production Cross Section



41-Nb-91

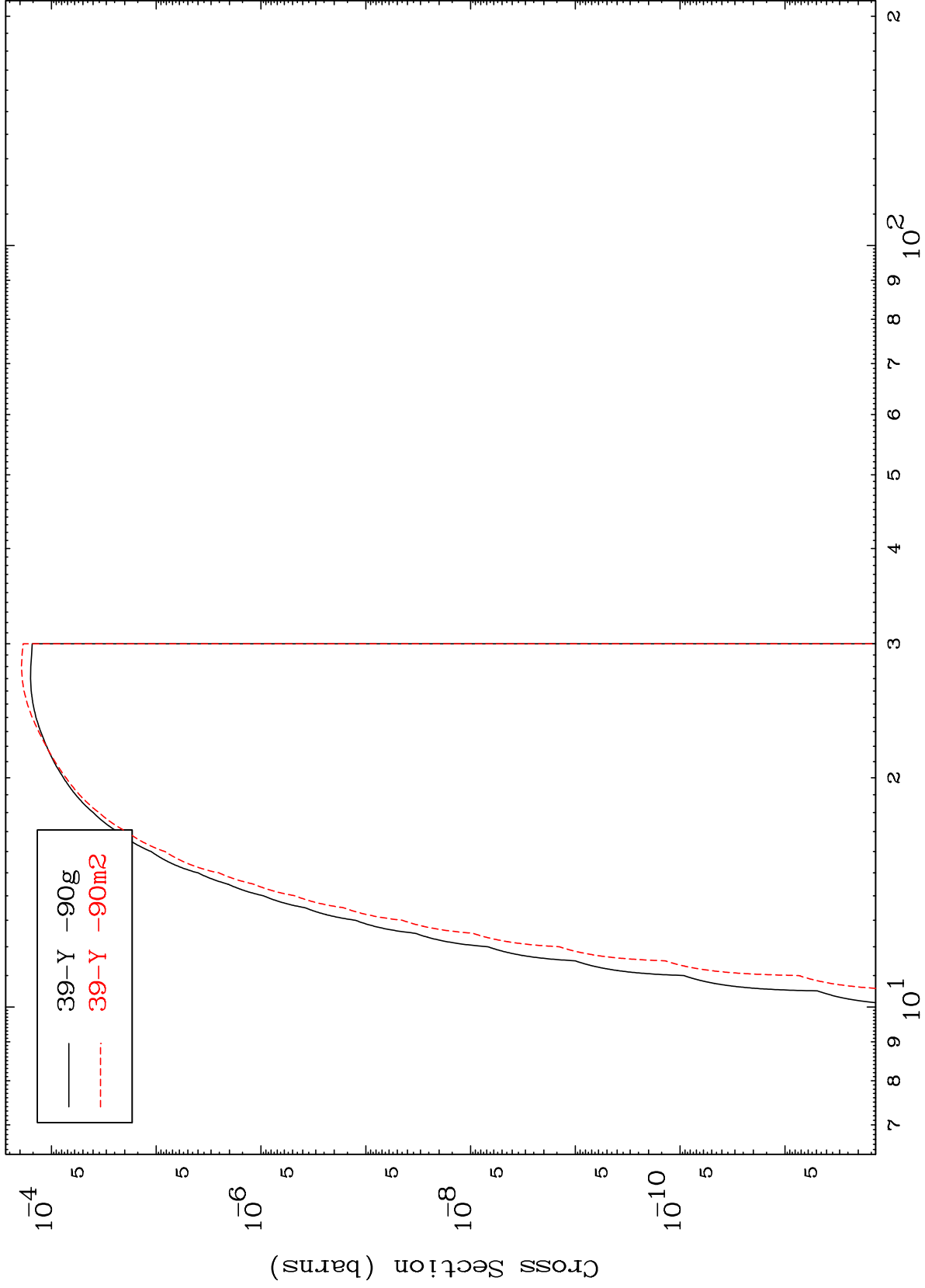
Incident Energy (MeV)

142

MAT 4119

41-Nb-91

(n,2p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

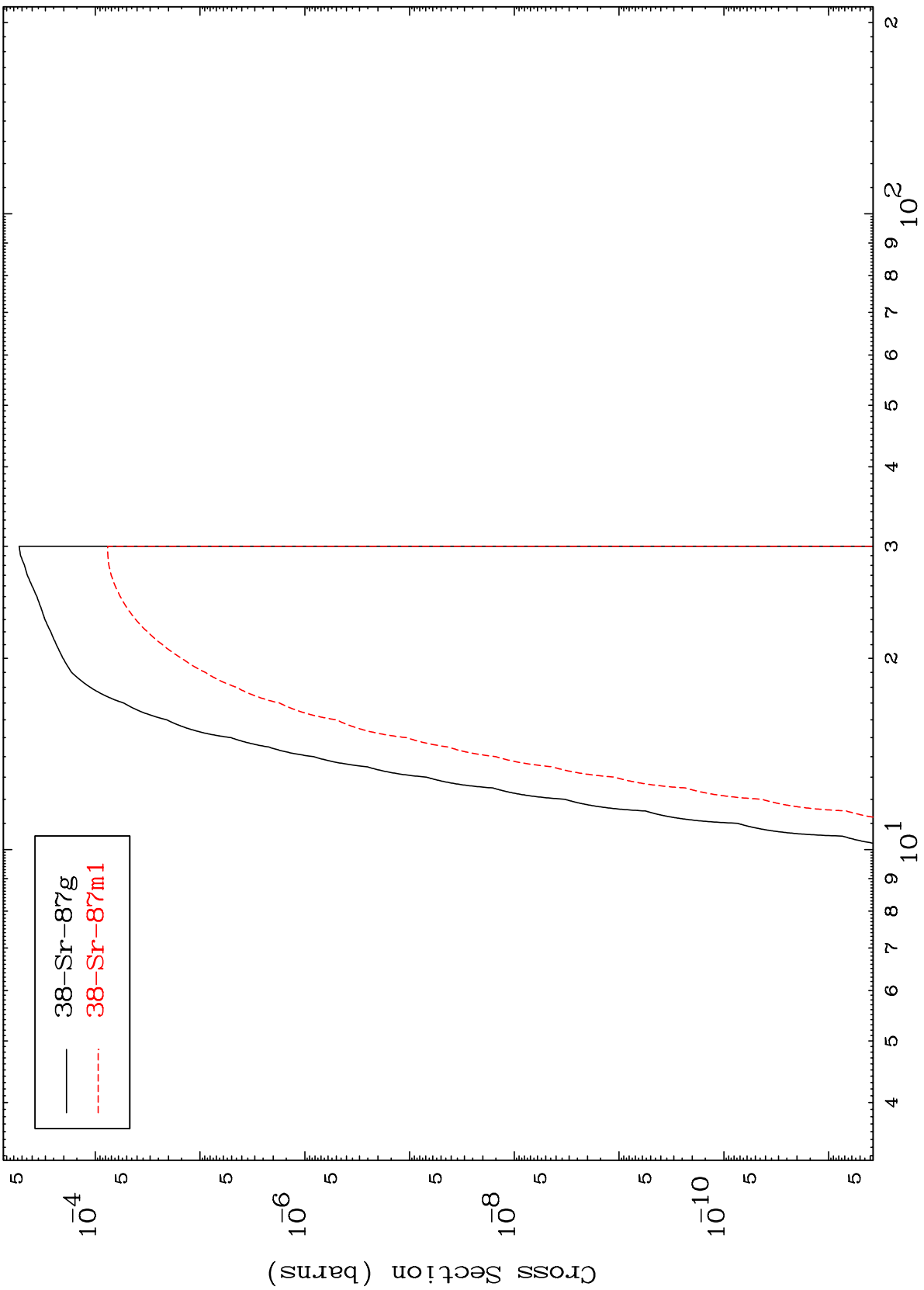
41-Nb-91

MAT 4119

(n,p) α

41-Nb-91

Radionuclide Production Cross Section



144

Incident Energy (MeV)

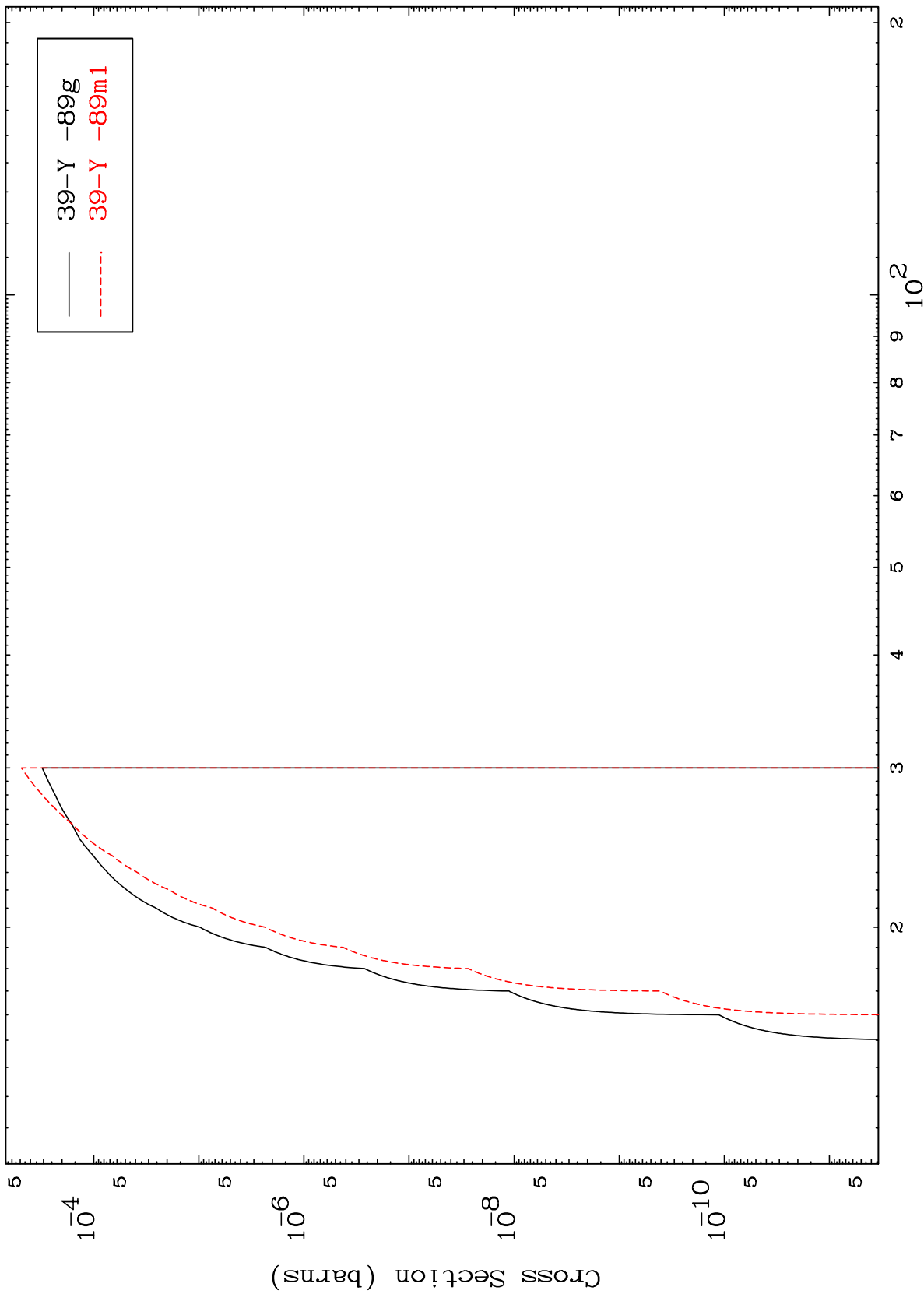
41-Nb-91

MAT 4119

(n,p) d

41-Nb-91

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

145

Incident Energy (MeV)

41-Nb-91