

Program EVALPLOT
(Version 2018-1)

by

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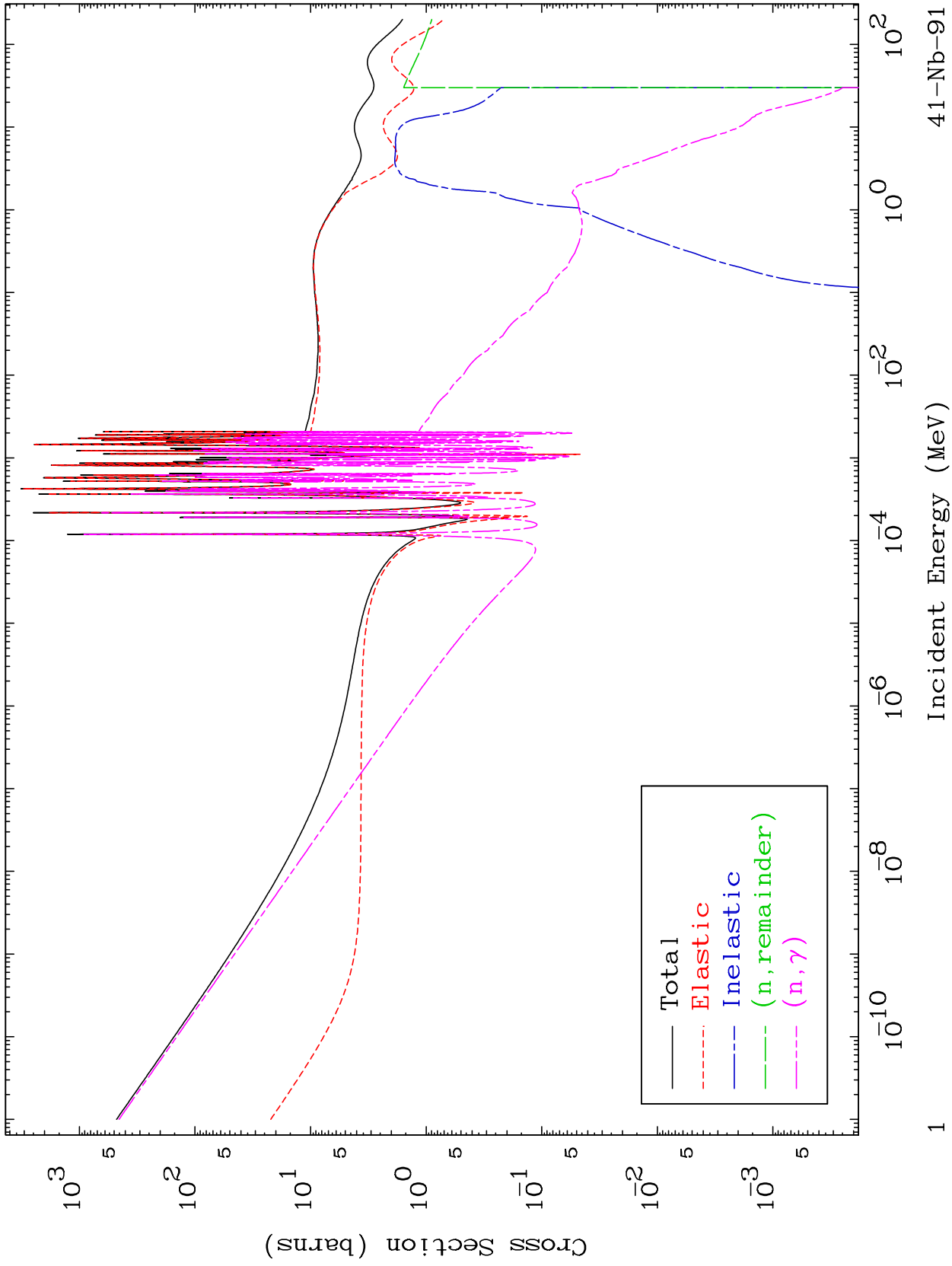
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4119

Major
293 Kelvin Cross Sections

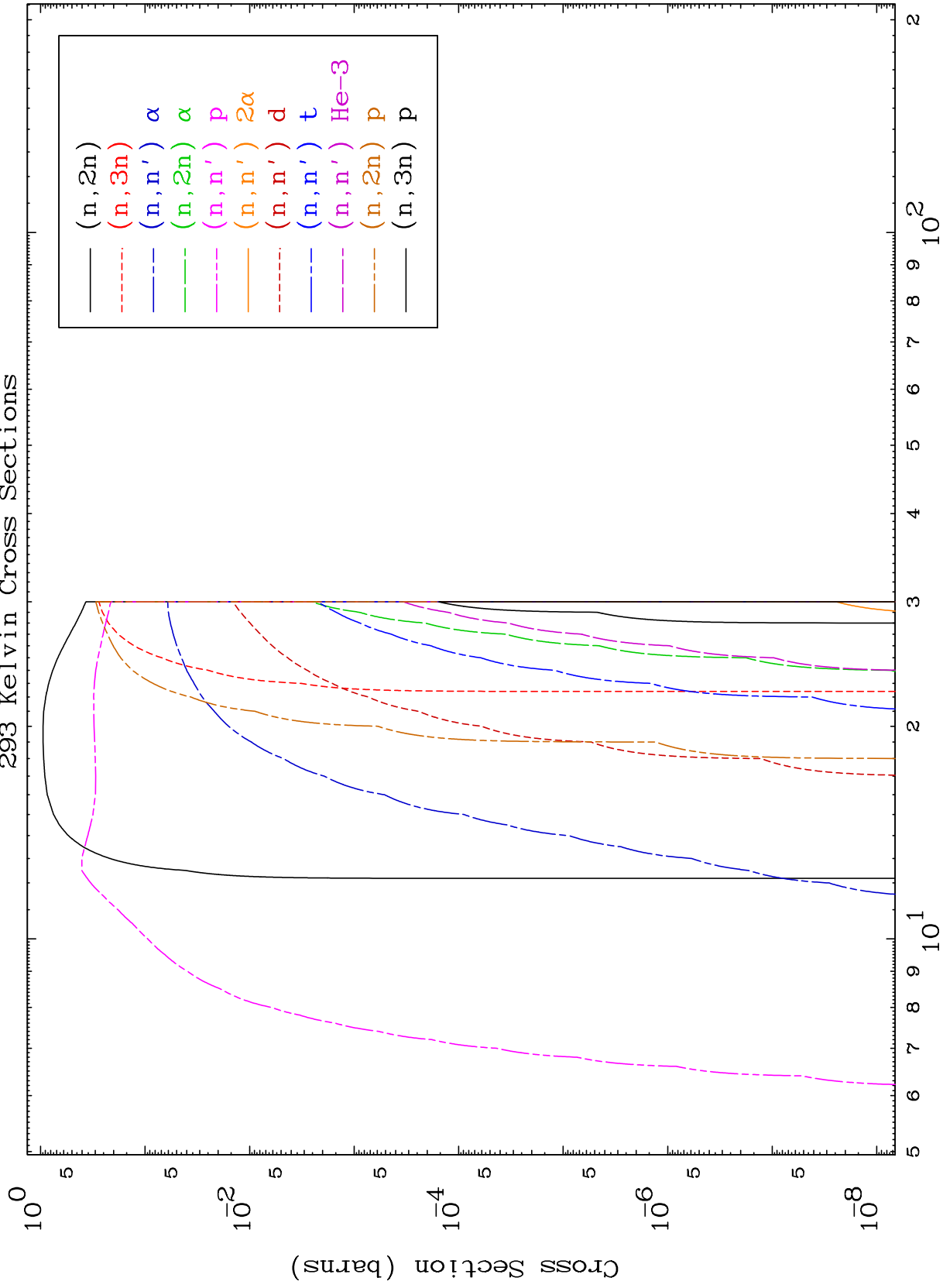
41-Nb-91



MAT 4119

Neutron Production
293 Kelvin Cross Sections

41-Nb-91



2

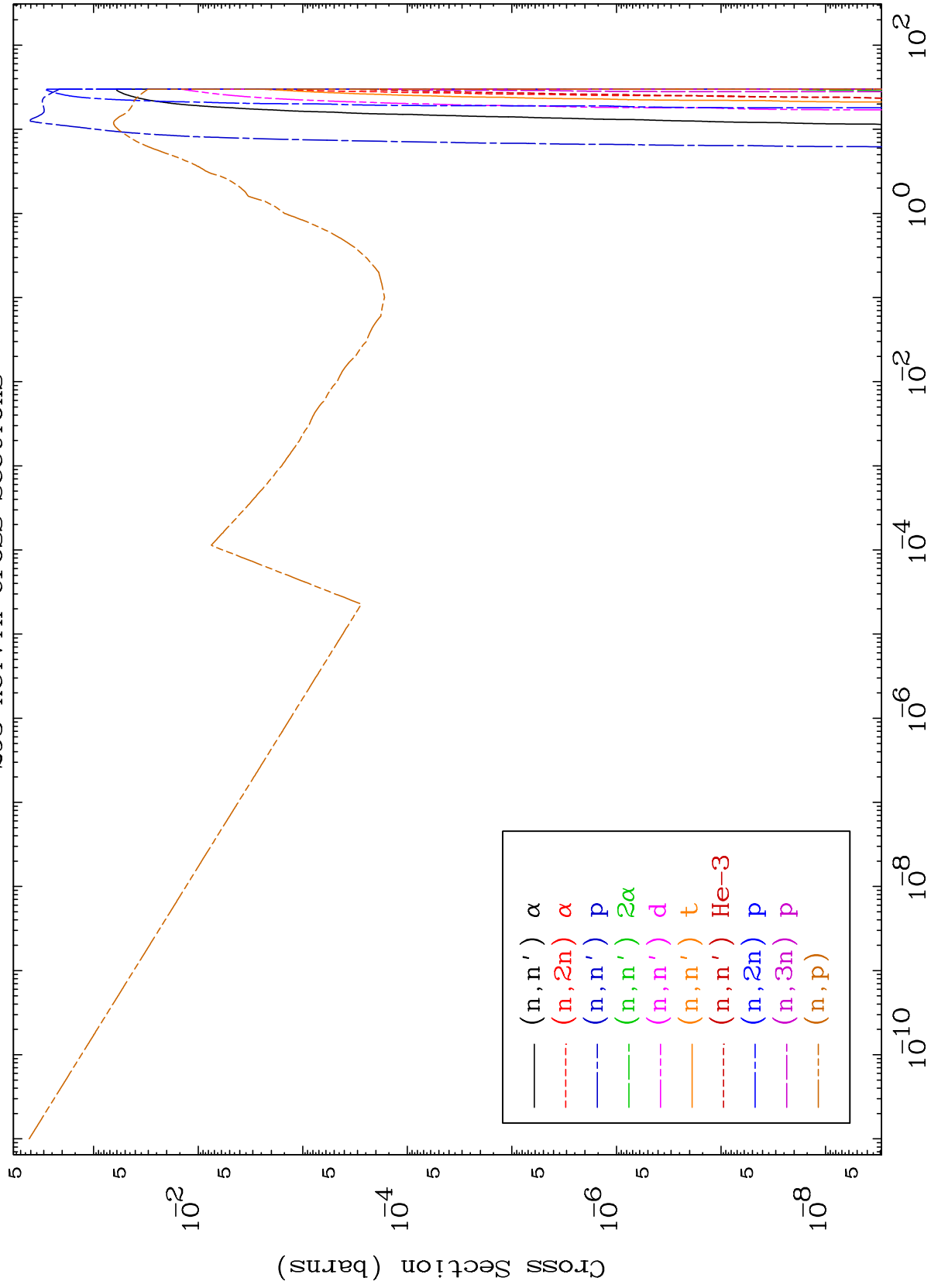
Incident Energy (MeV)

41-Nb-91

MAT 4119

Charged Particle
293 Kelvin Cross Sections

41-Nb-91



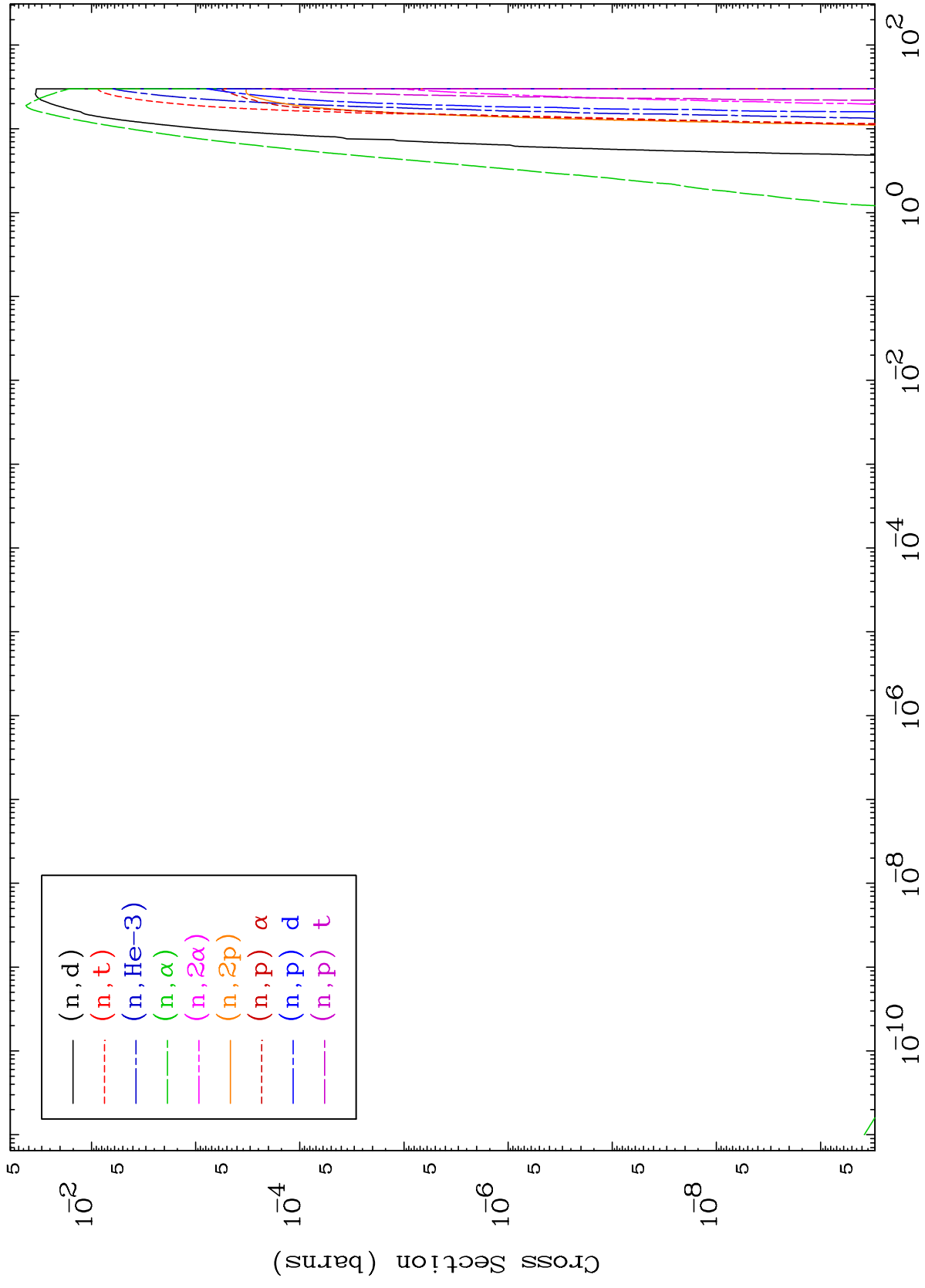
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41-Nb-91

MAT 4119

Charged Particle
293 Kelvin Cross Sections

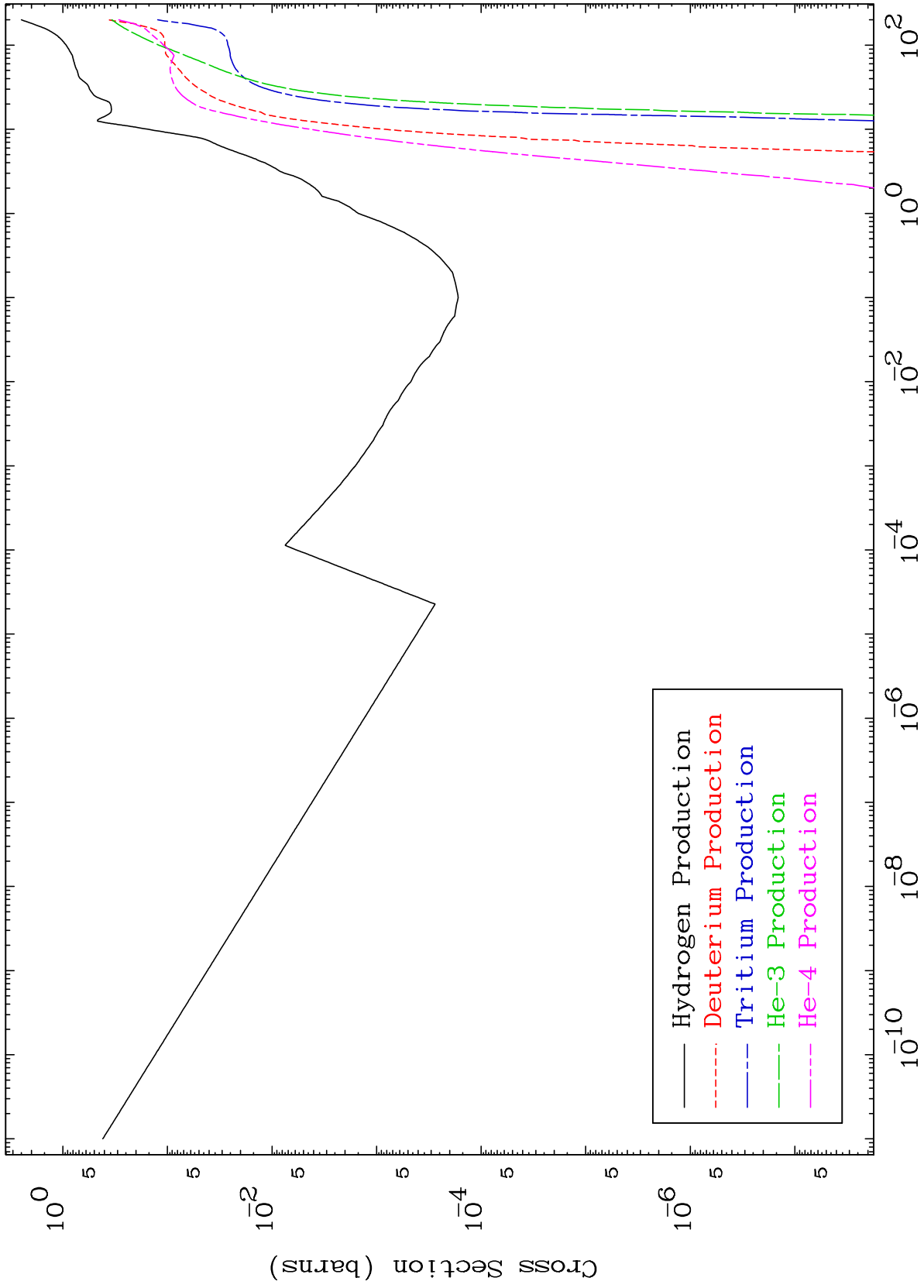
41-Nb-91



MAT 4119

Particle Production
293 Kelvin Cross Sections

41-Nb-91



5

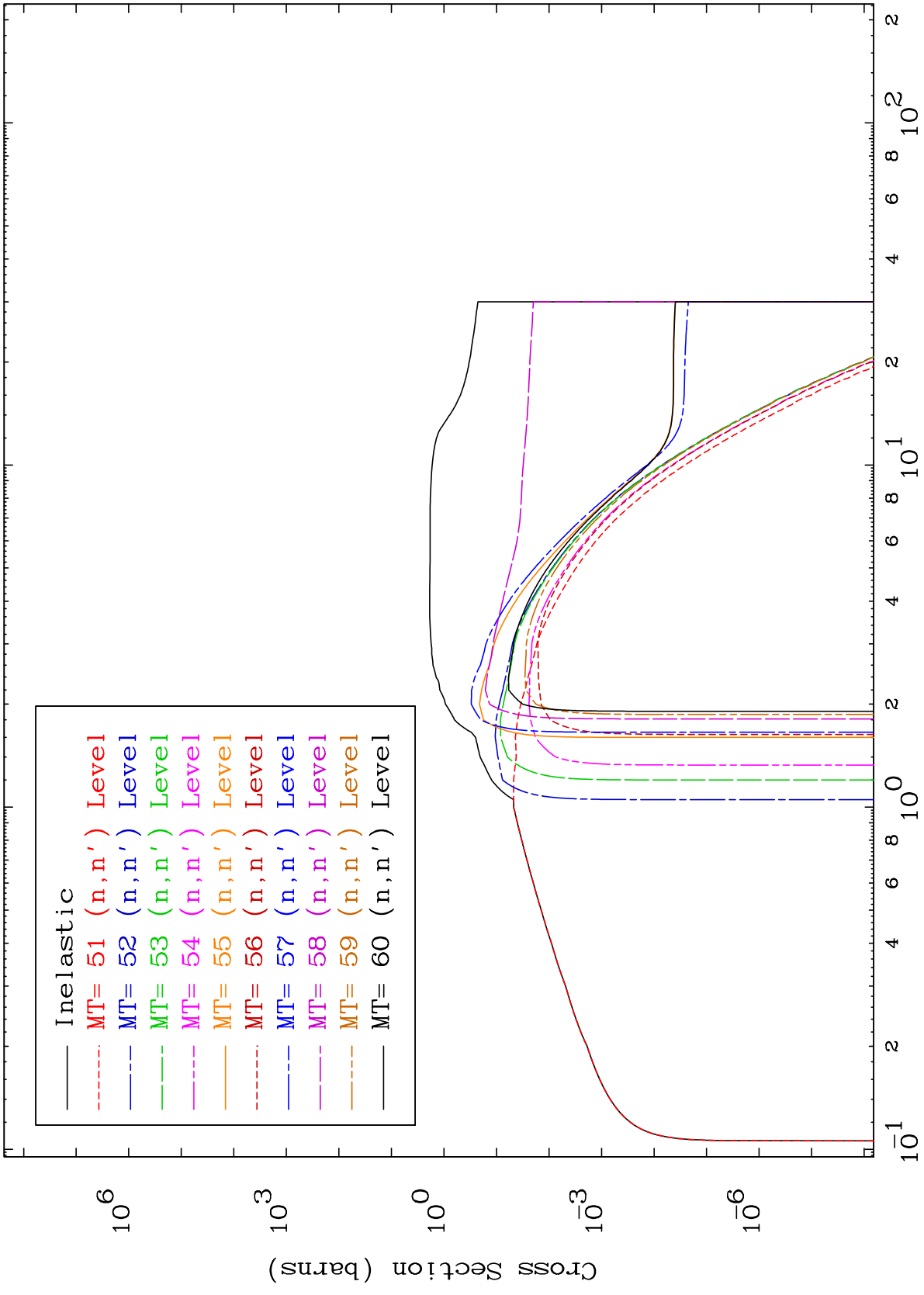
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,n') Level
293 Kelvin Cross Sections

41-Nb-91



6

Incident Energy (MeV)

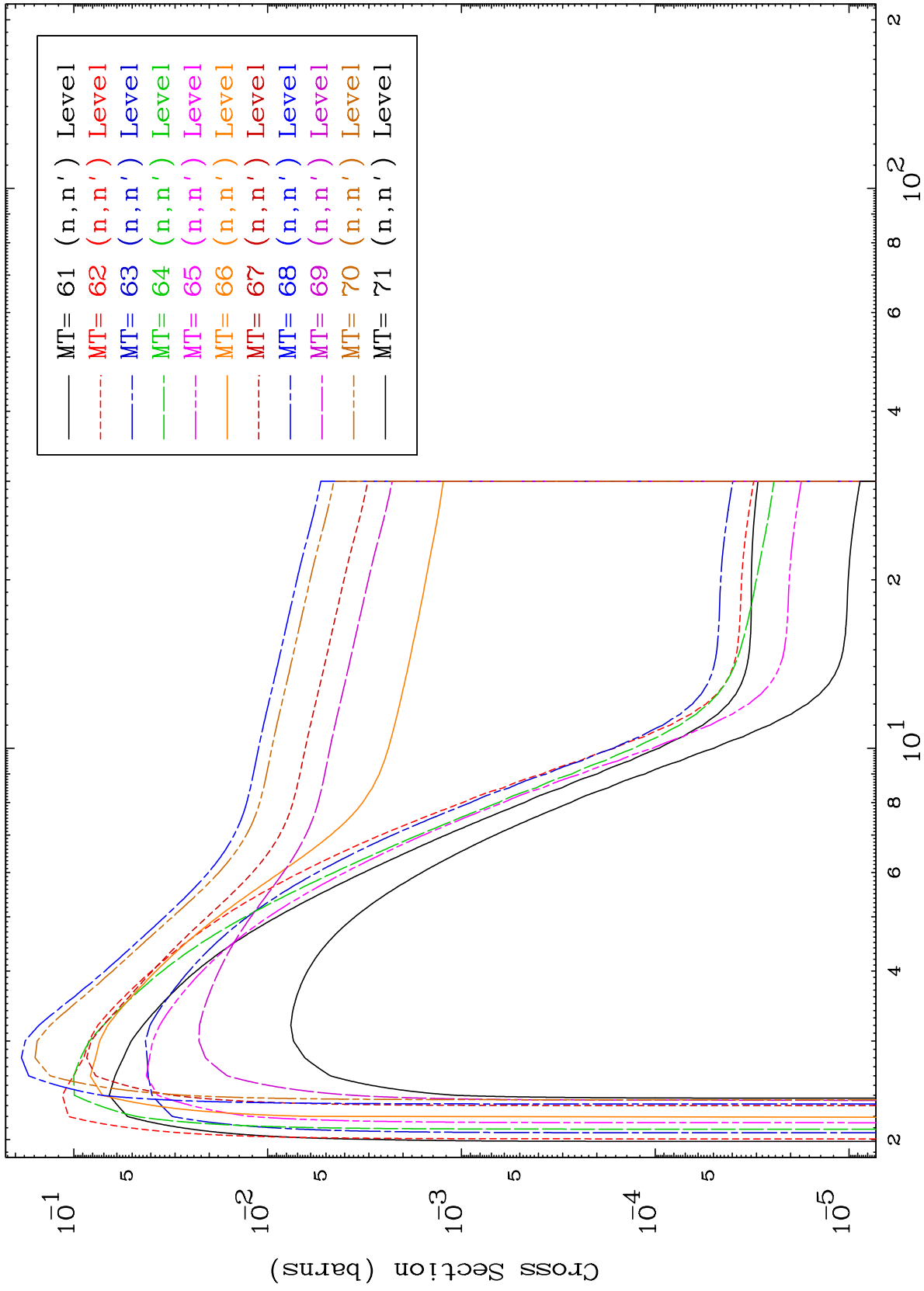
41-Nb-91

MAT 4119

(n,n') Level

41-Nb-91

293 Kelvin Cross Sections



7

Incident Energy (MeV)

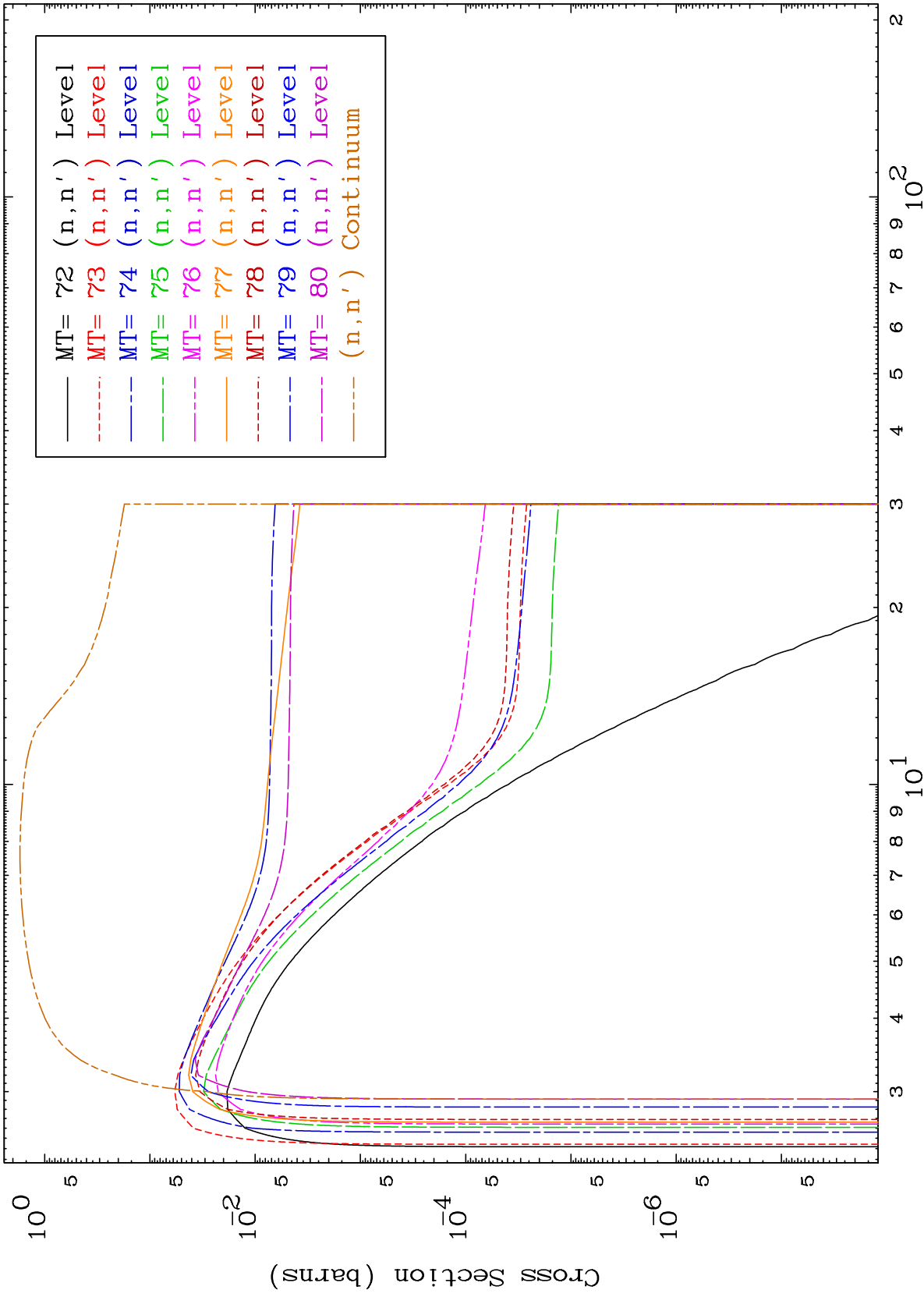
41-Nb-91

MAT 4119

(n,n') Level

41-Nb-91

293 Kelvin Cross Sections



8

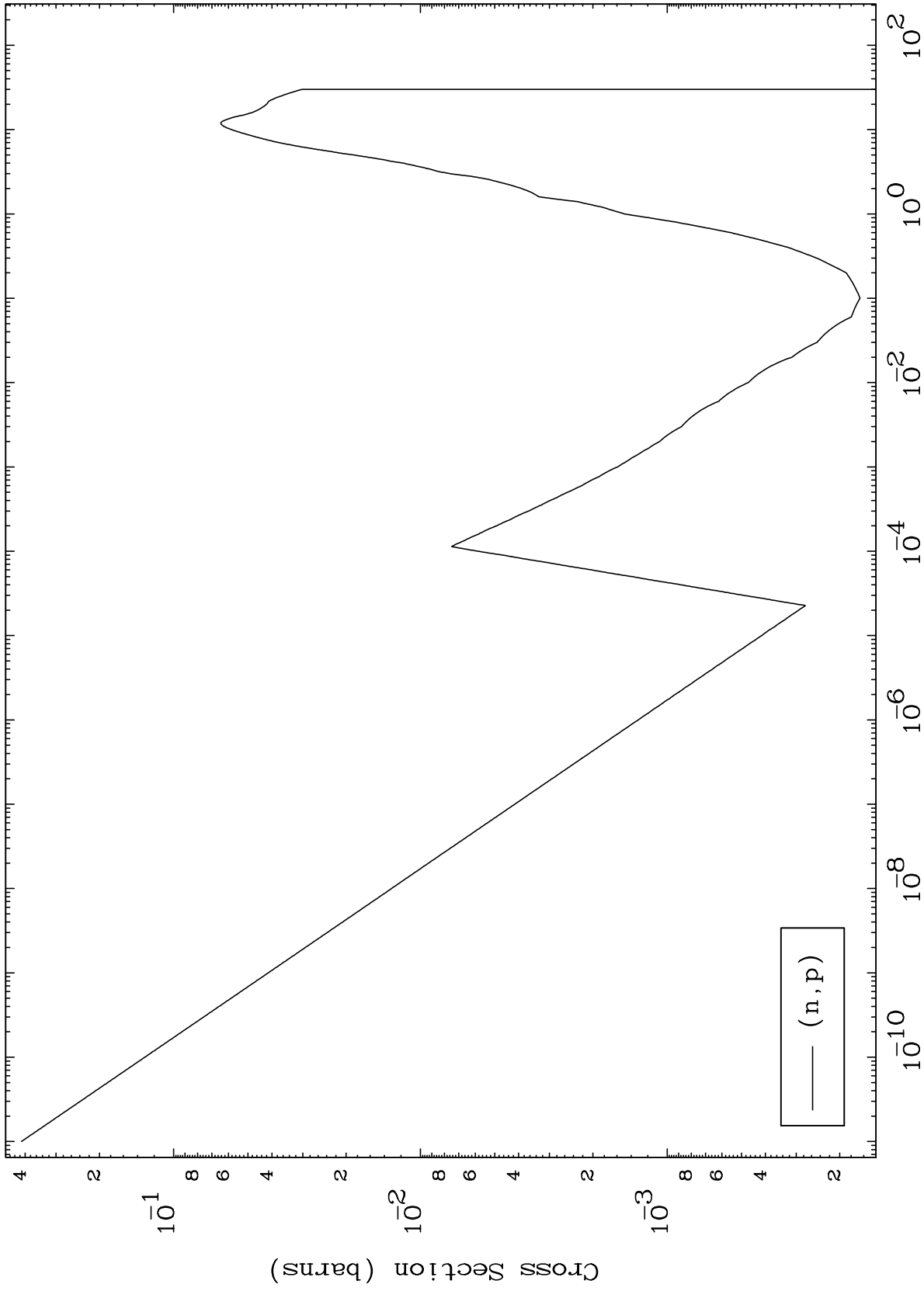
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,p) Levels
293 Kelvin Cross Sections

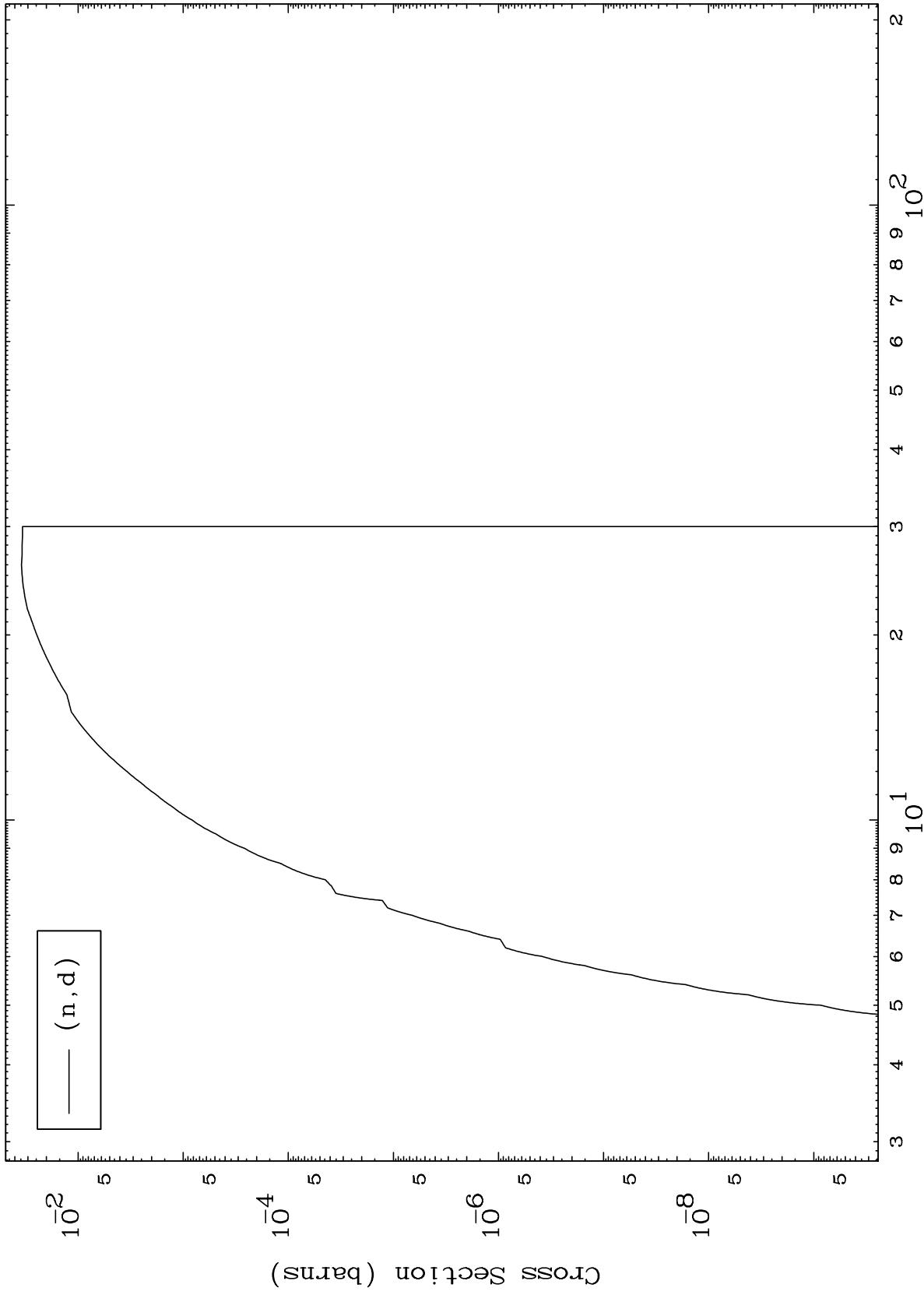
41-Nb-91



MAT 4119

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-91



10

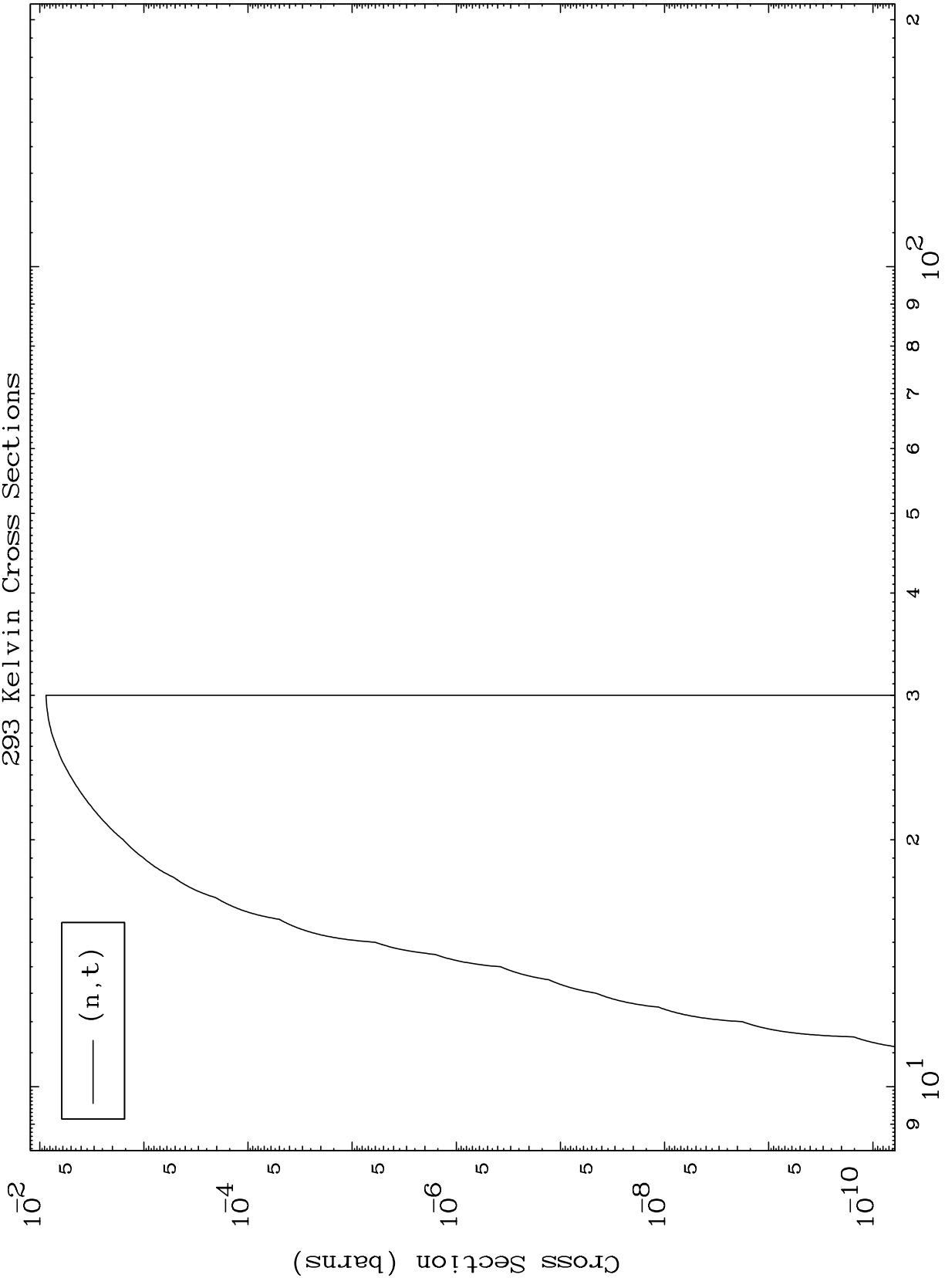
Incident Energy (MeV)

41-Nb-91

MAT 4119

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-91



11

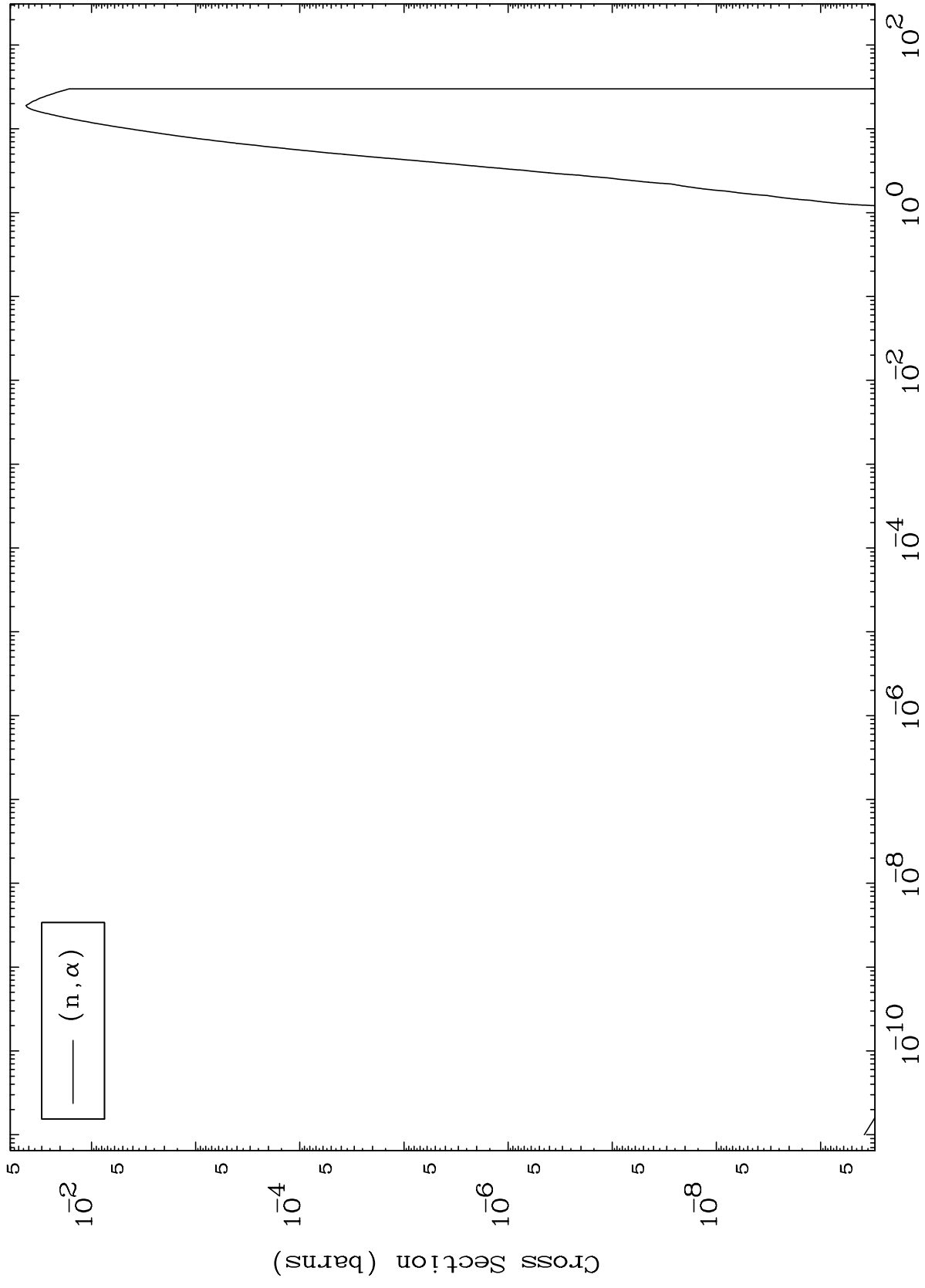
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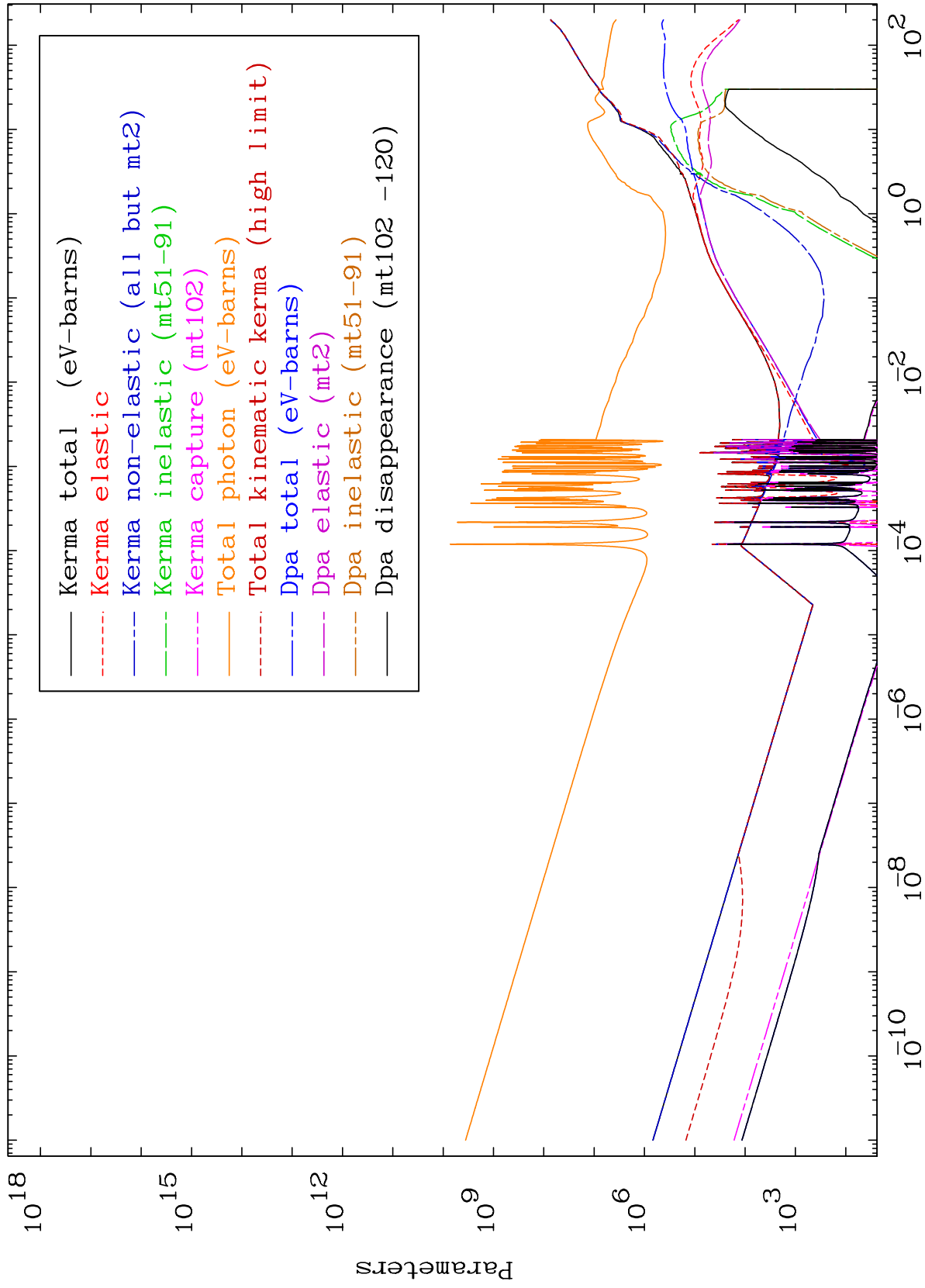
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MAT 4119

(n,α) Levels
293 Kelvin Cross Sections

41-Nb-91

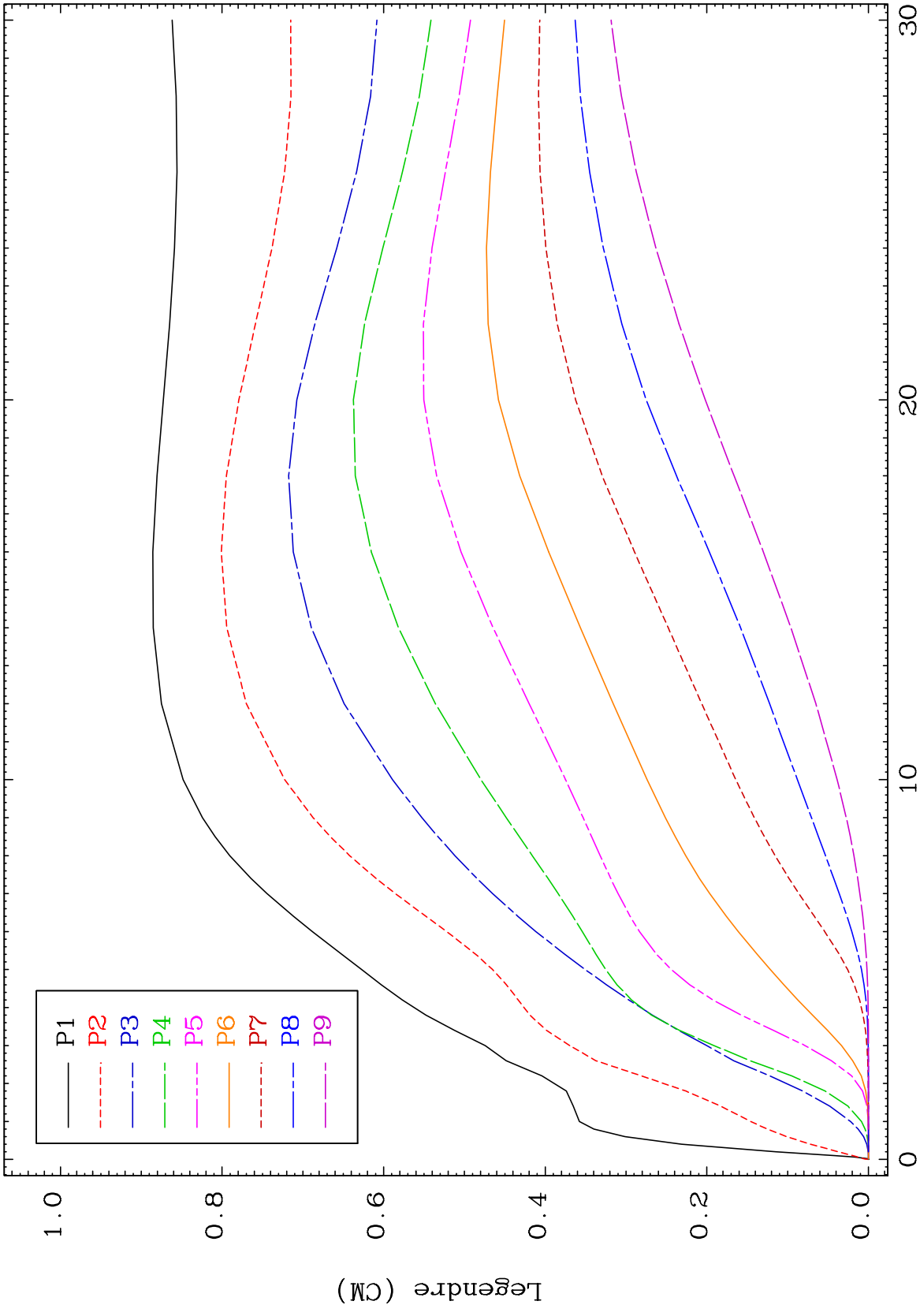




MAT 4119

Elastic Legendre Coefficients

41-Nb-91



15

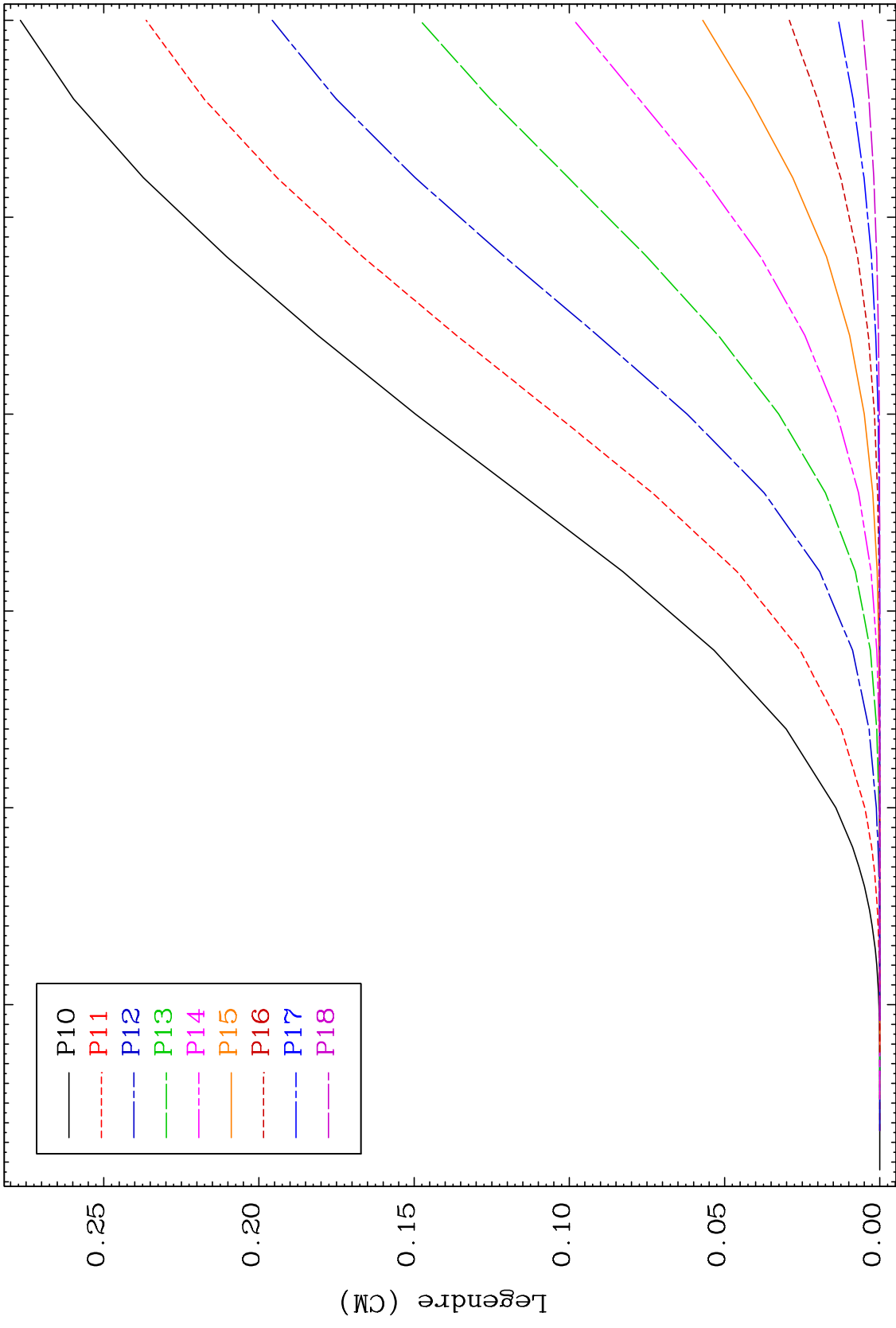
Incident Energy (MeV)

41-Nb-91

MAT 4119

Elastic Legendre Coefficients

41-Nb-91



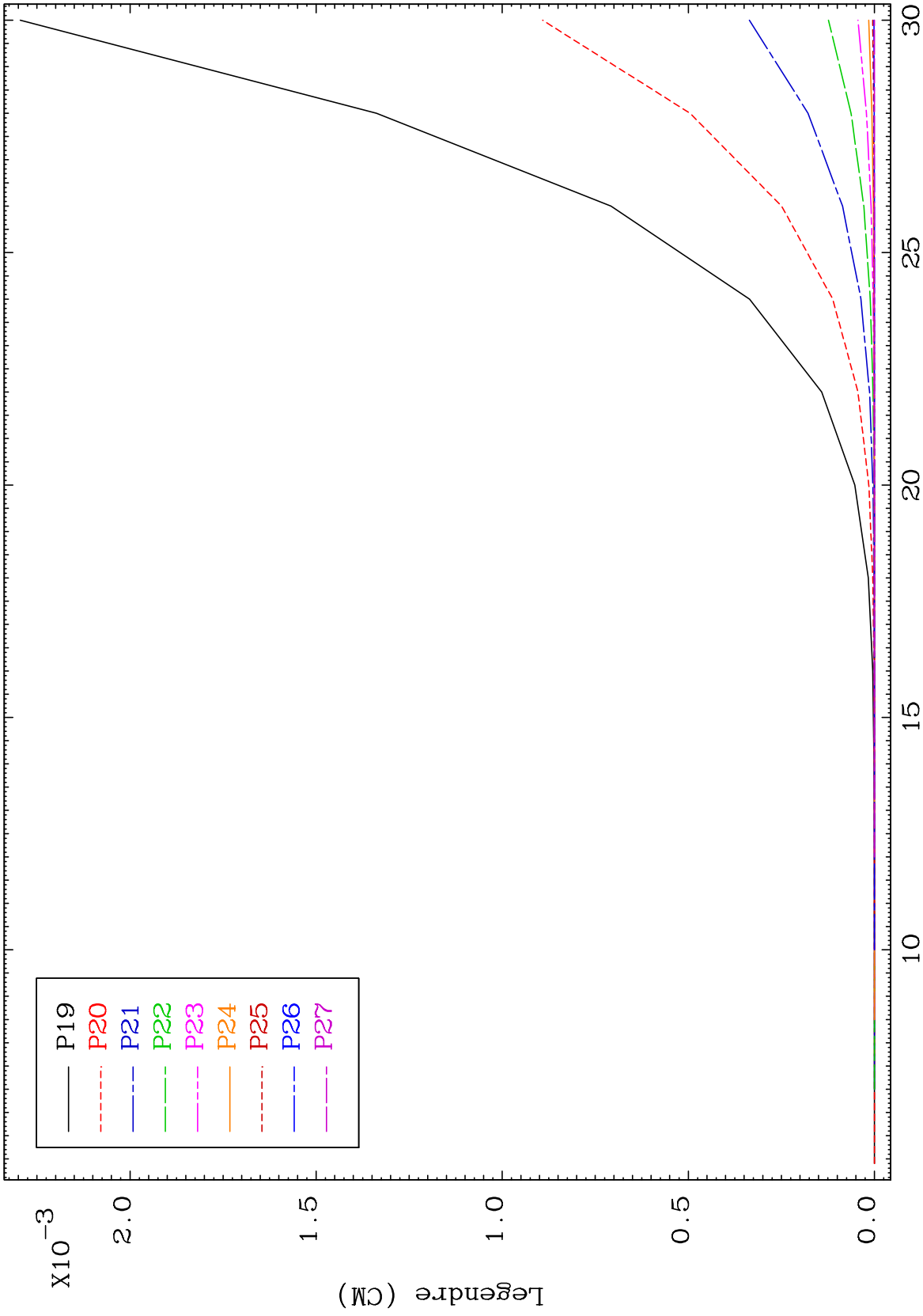
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41-Nb-91

MAT 4119

Elastic Legendre Coefficients

41-Nb-91



17

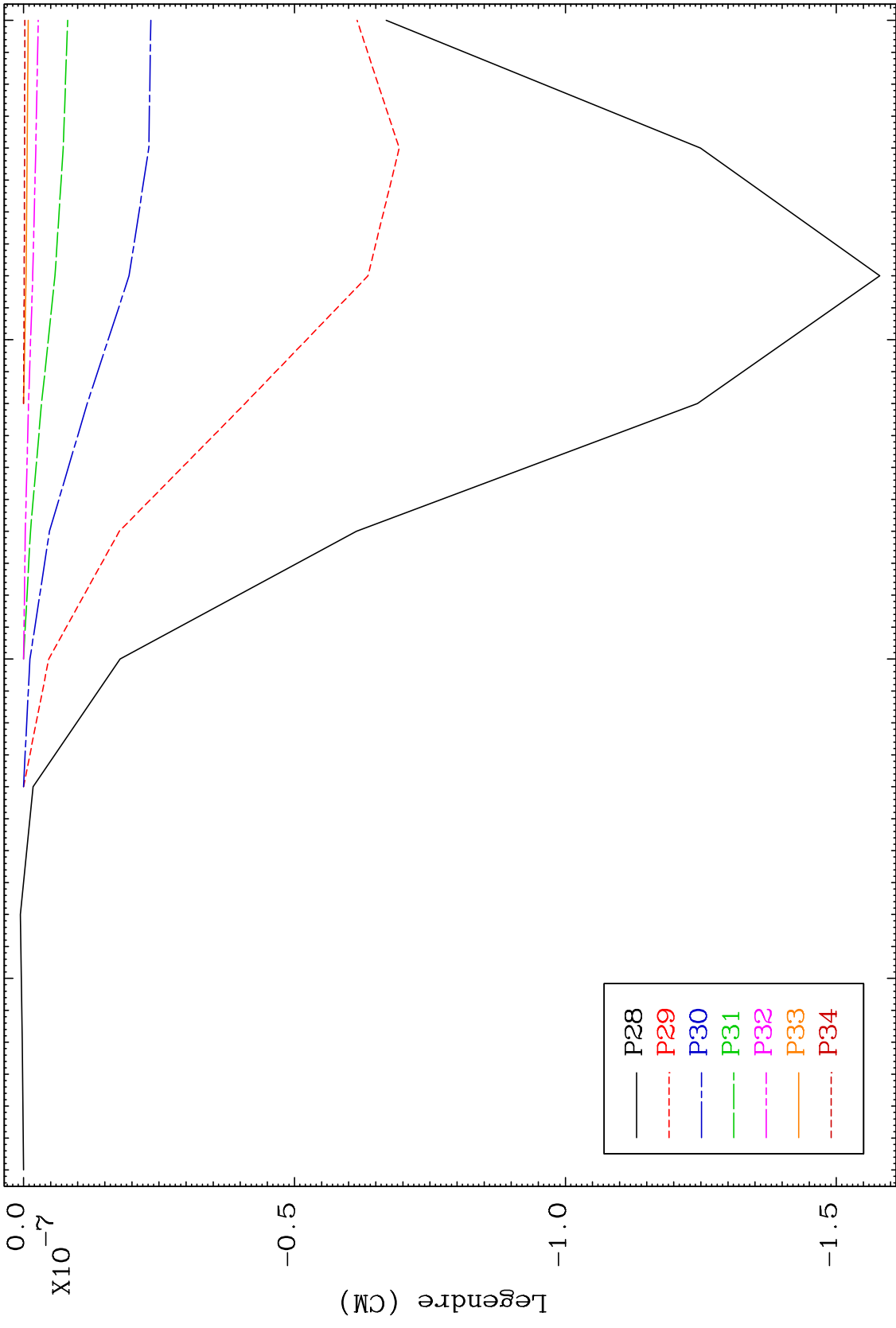
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

Elastic Legendre Coefficients



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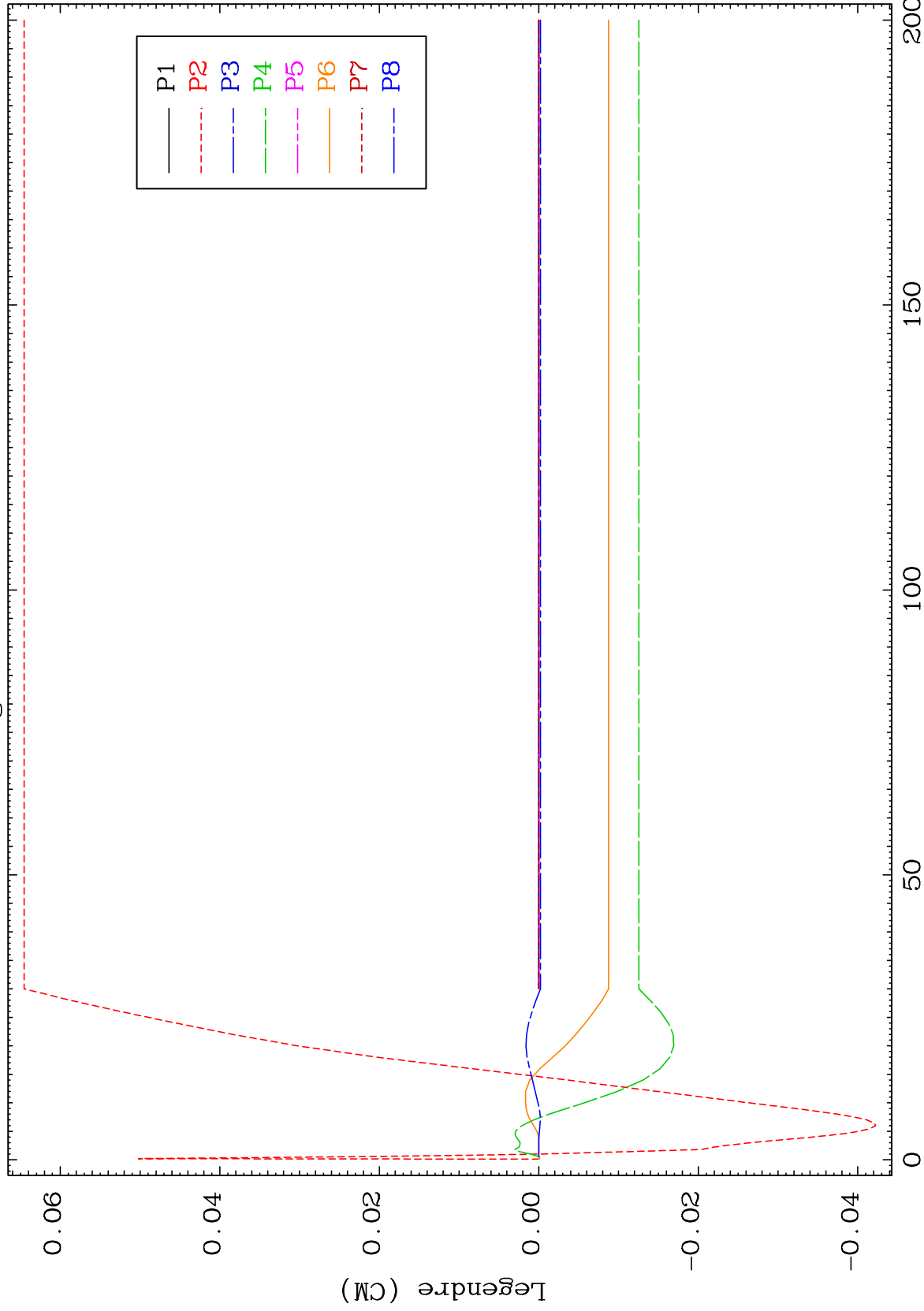
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Incident Energy (MeV)

MAT 4119

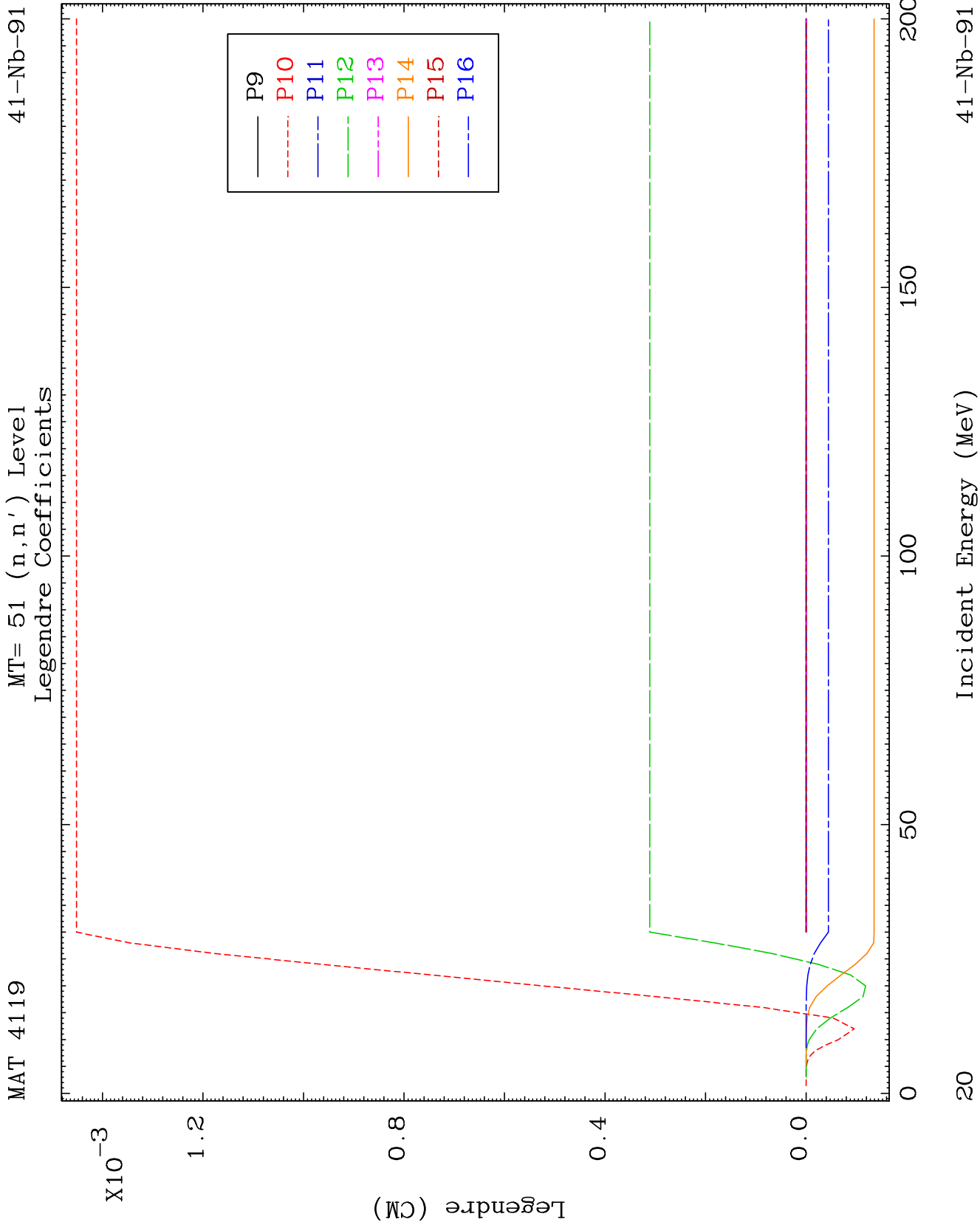
MT= 51 (n,n') Level
Legendre Coefficients

41-Nb-91

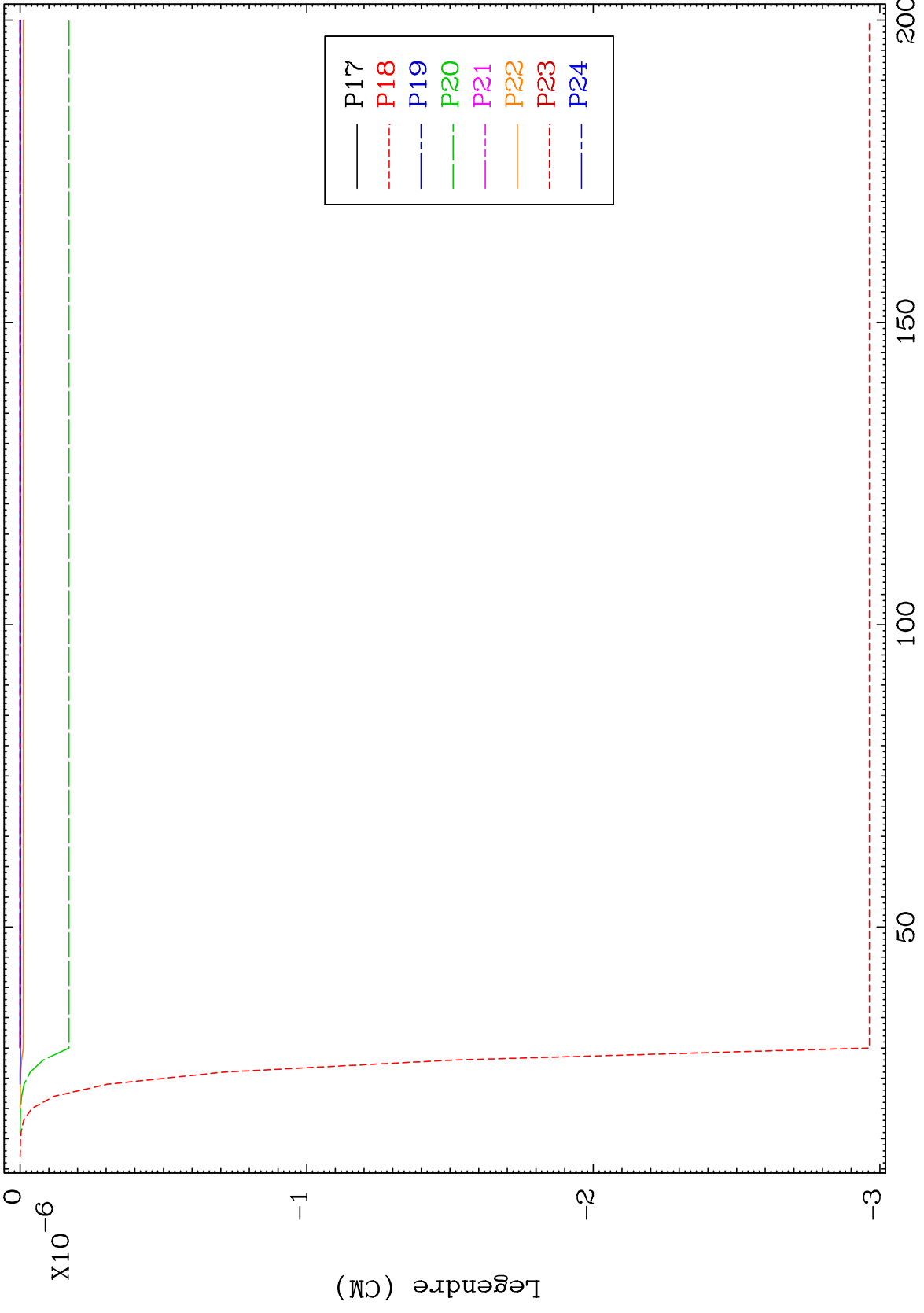


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41-Nb-91



MAT 4119 MT= 51 (n,n') Level Legendre Coefficients 41-Nb-91

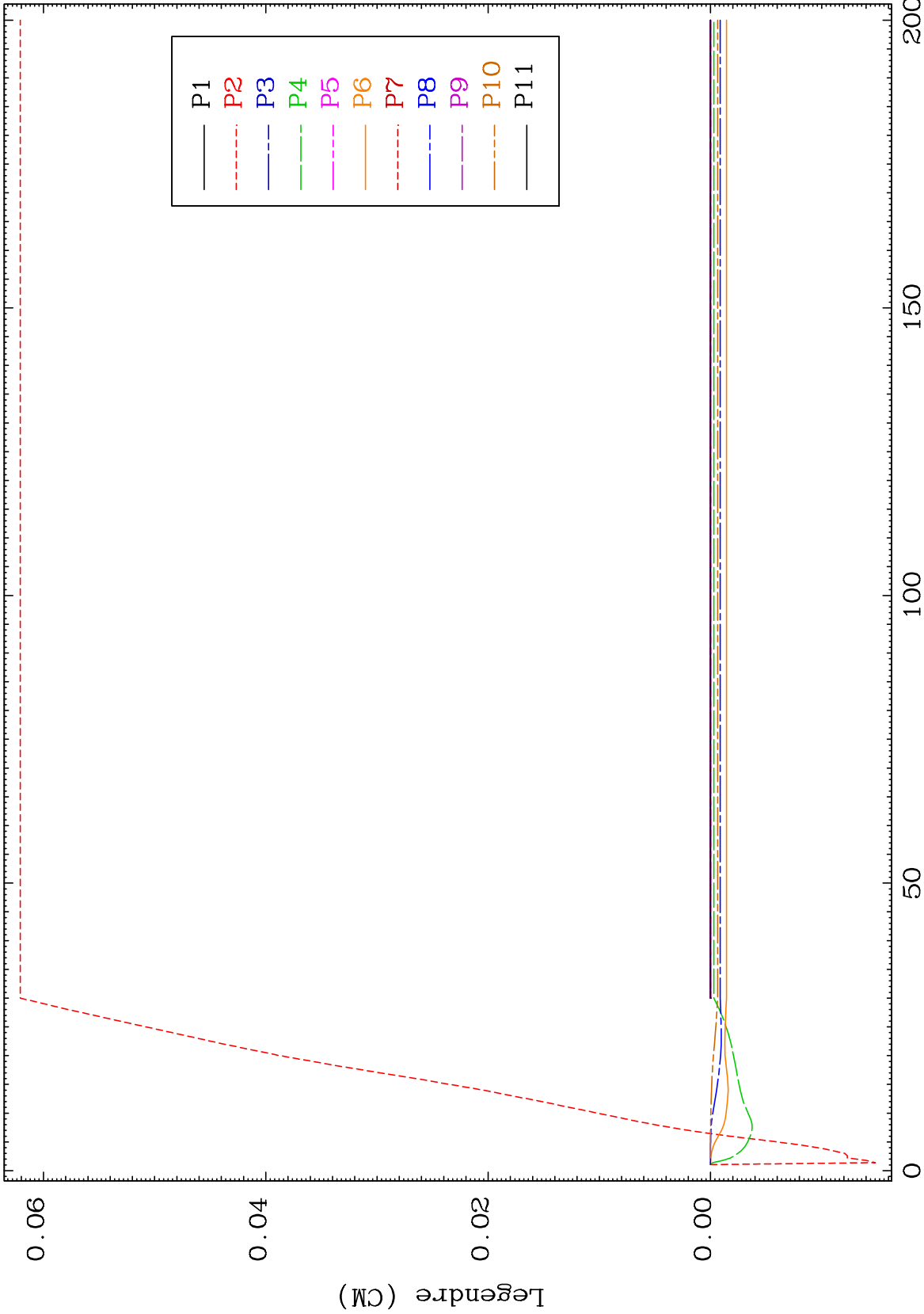


21 41-Nb-91

MAT 4119

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

41-Nb-91



22

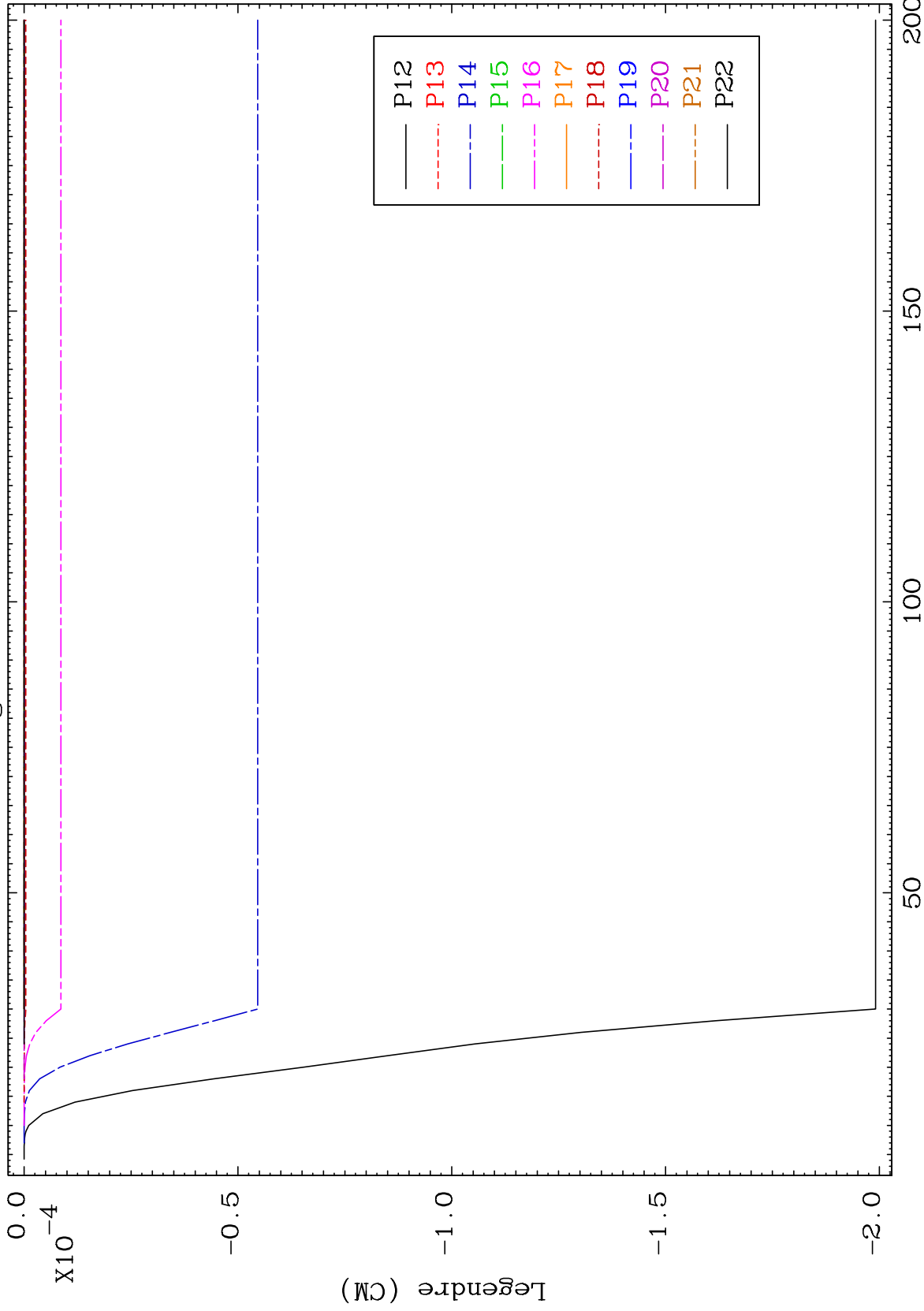
Incident Energy (MeV)

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MAT 4119

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

41-Nb-91



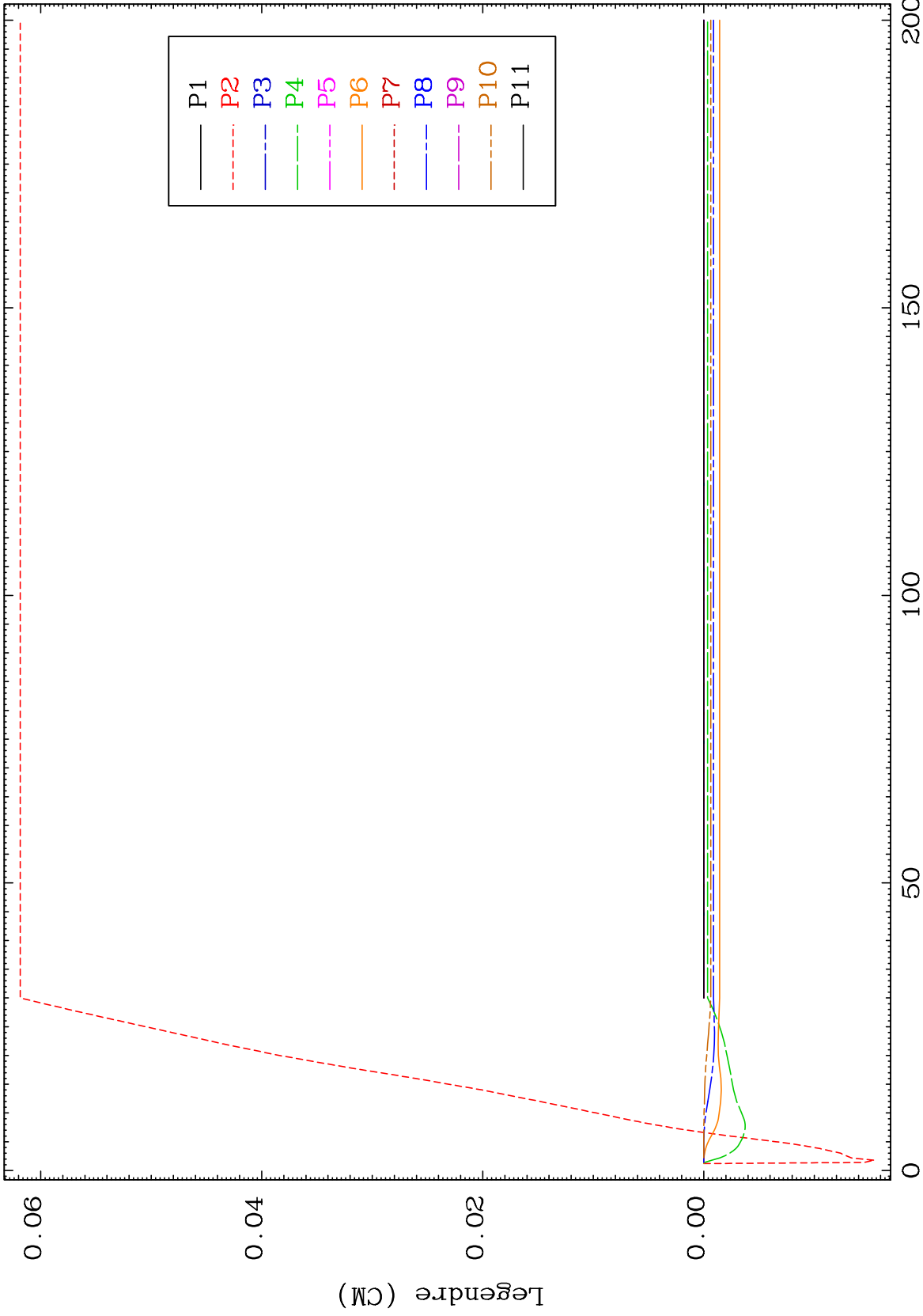
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41-Nb-91

MAT 4119

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

41-Nb-91



24

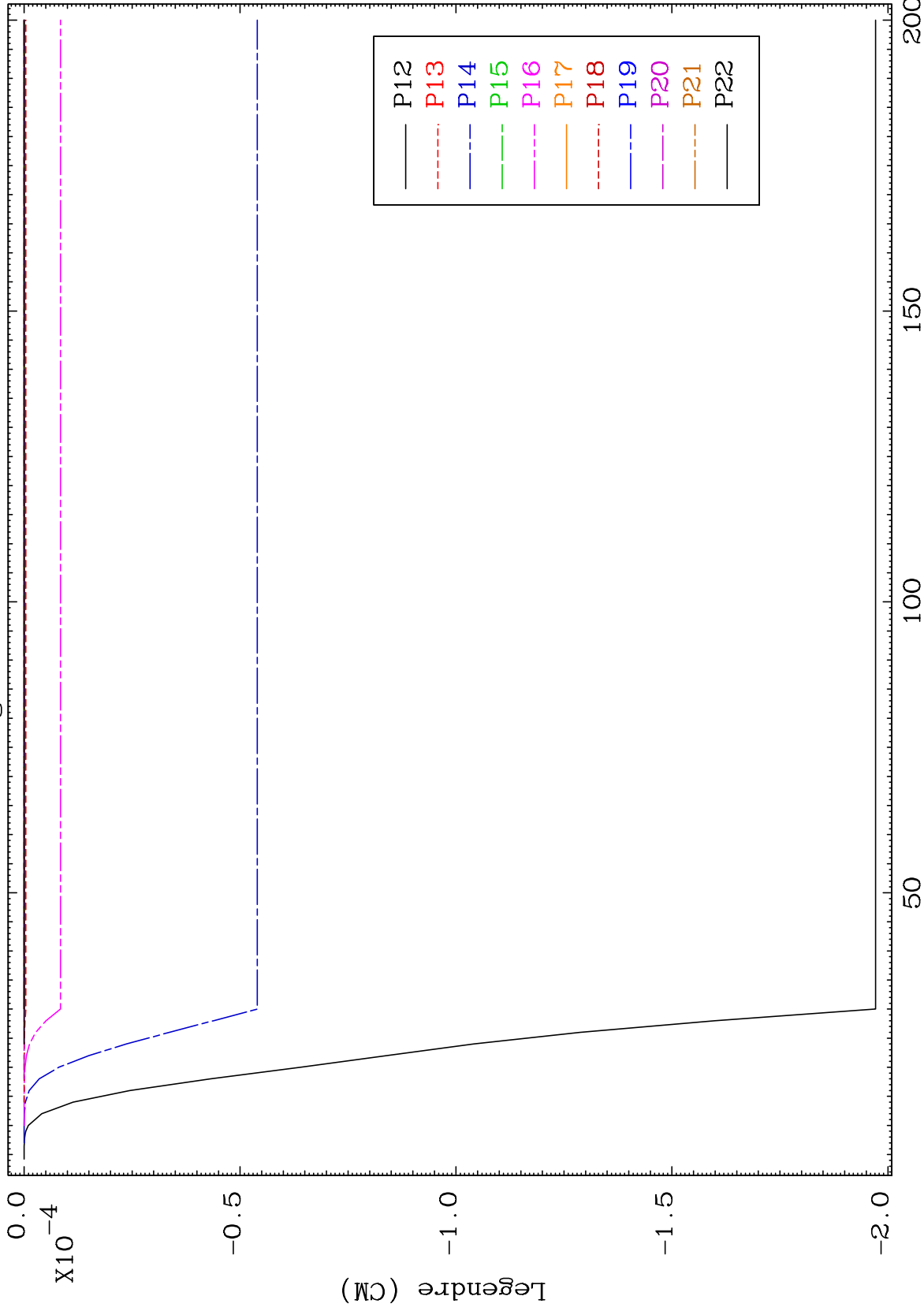
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

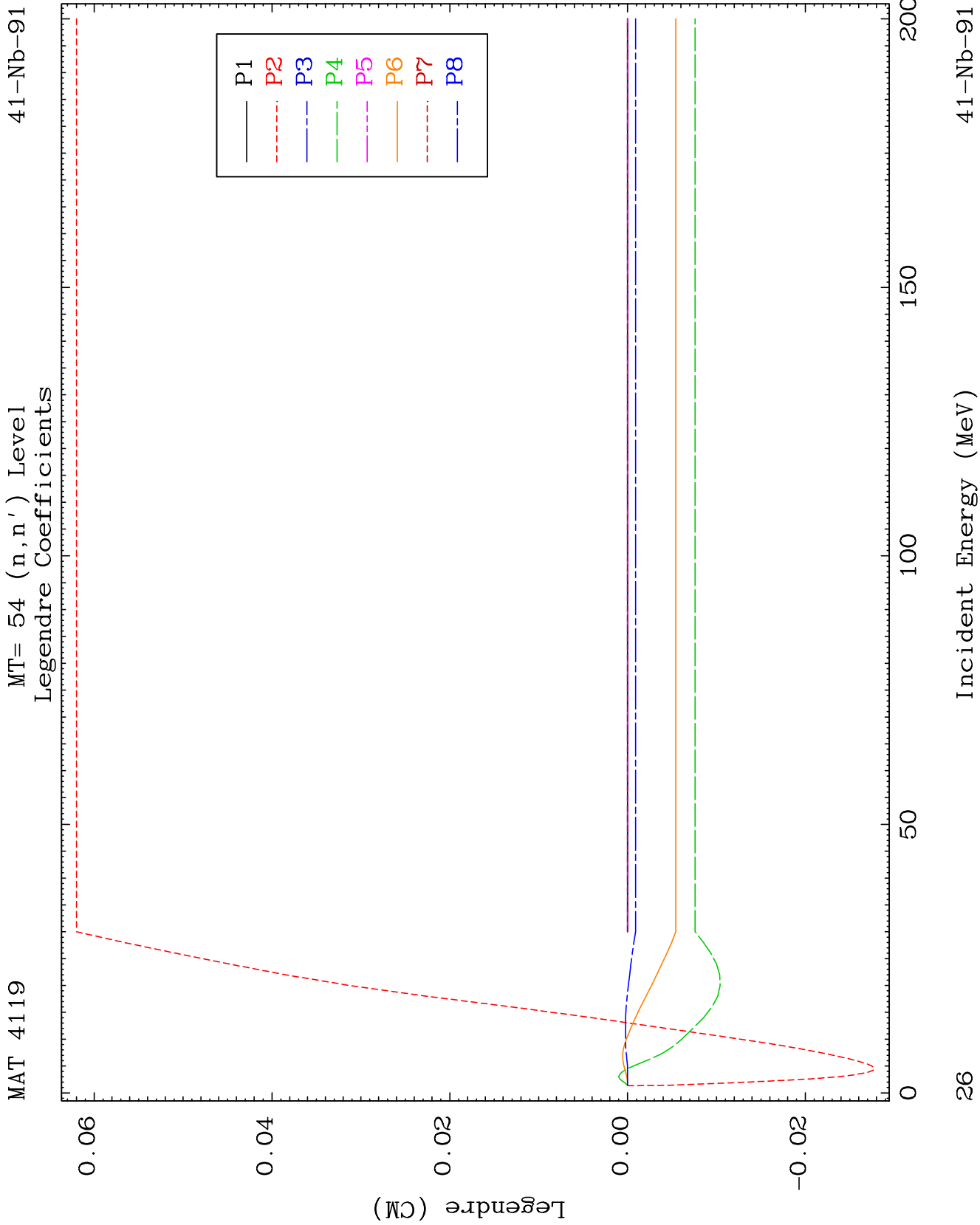
41-Nb-91



25

Incident Energy (MeV)

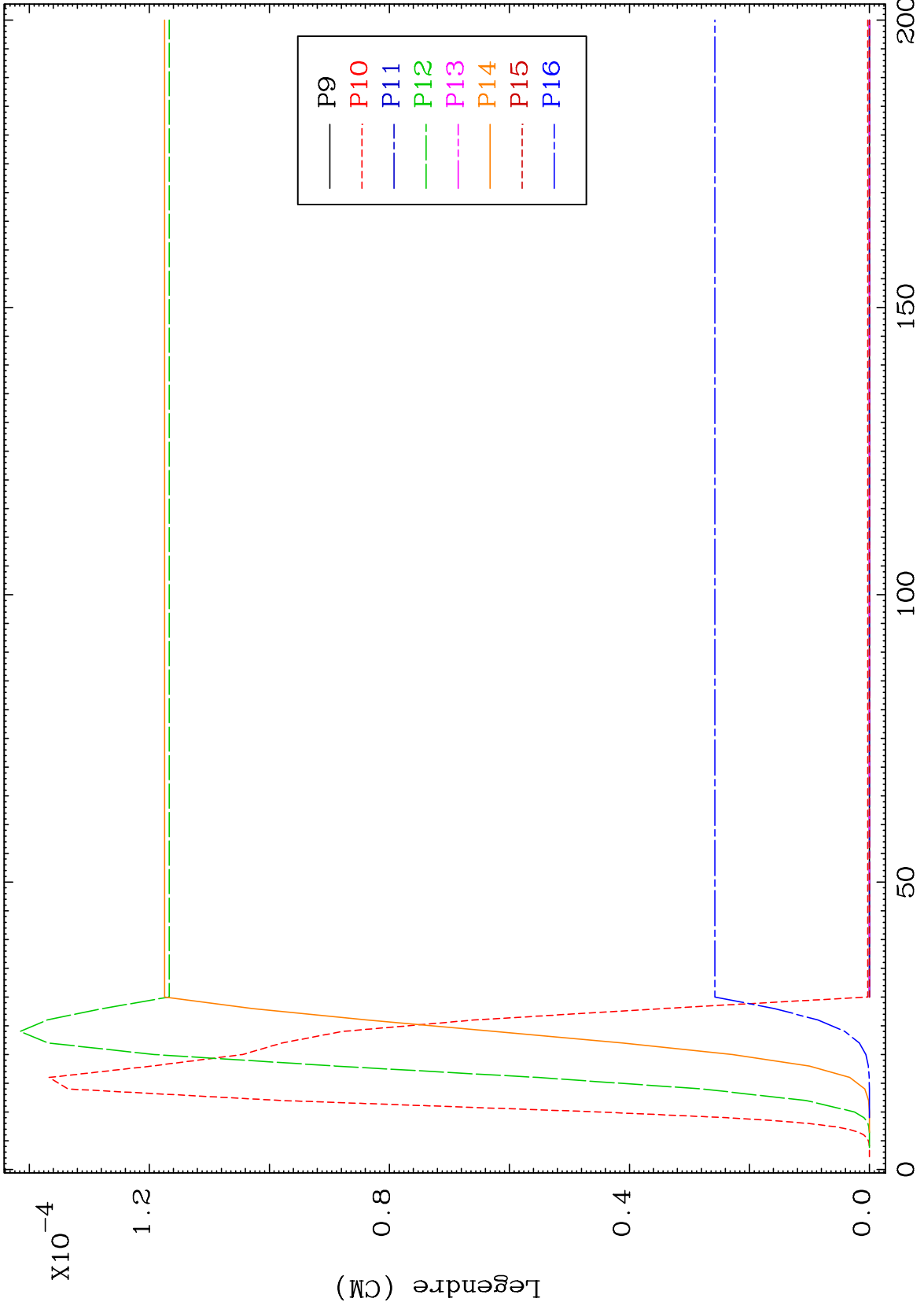
41-Nb-91



MAT 4119

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

41-Nb-91

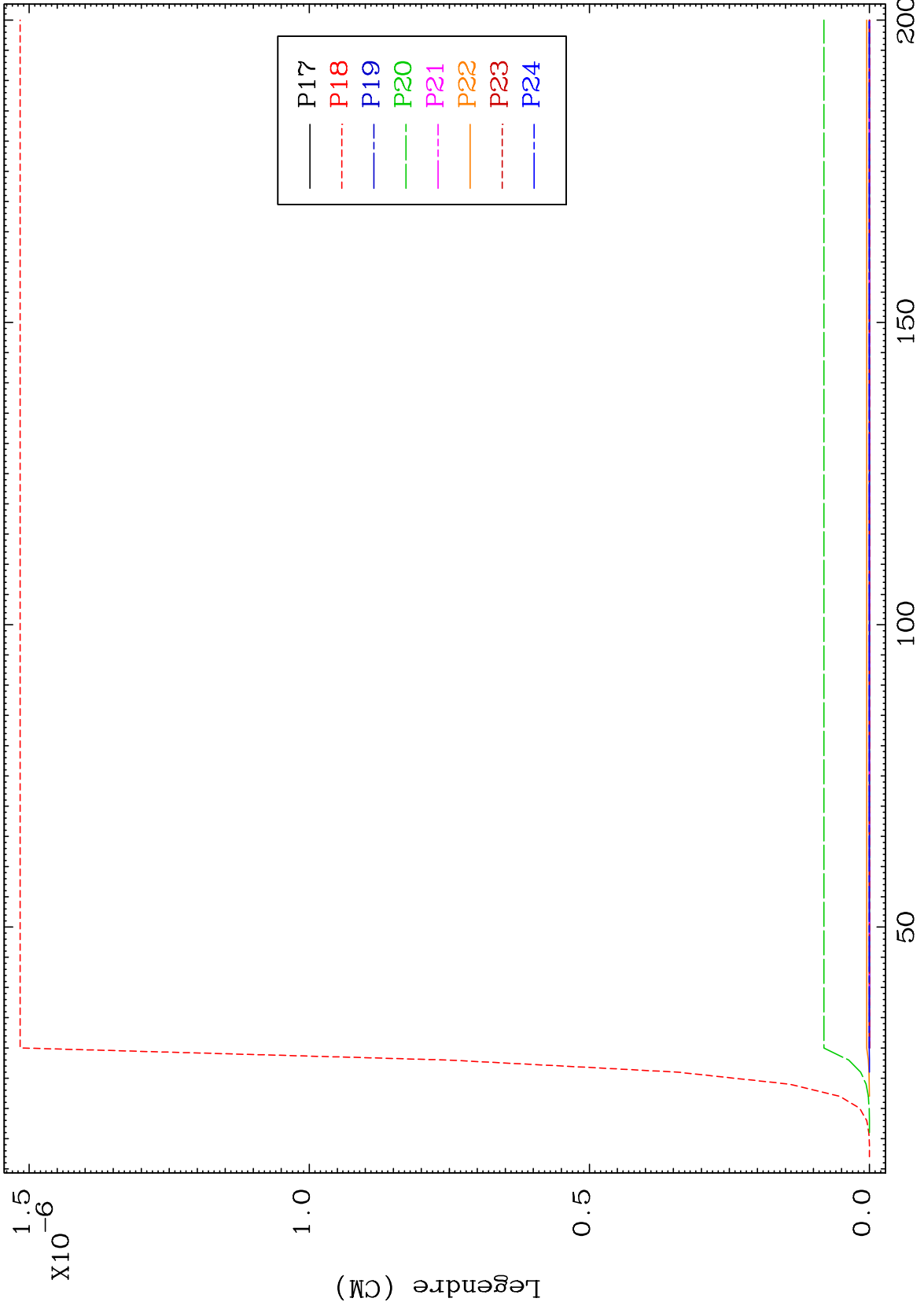


27

Incident Energy (MeV)

41-Nb-91

MAT 4119 MT= 54 (n,n') Level Legendre Coefficients 41-Nb-91

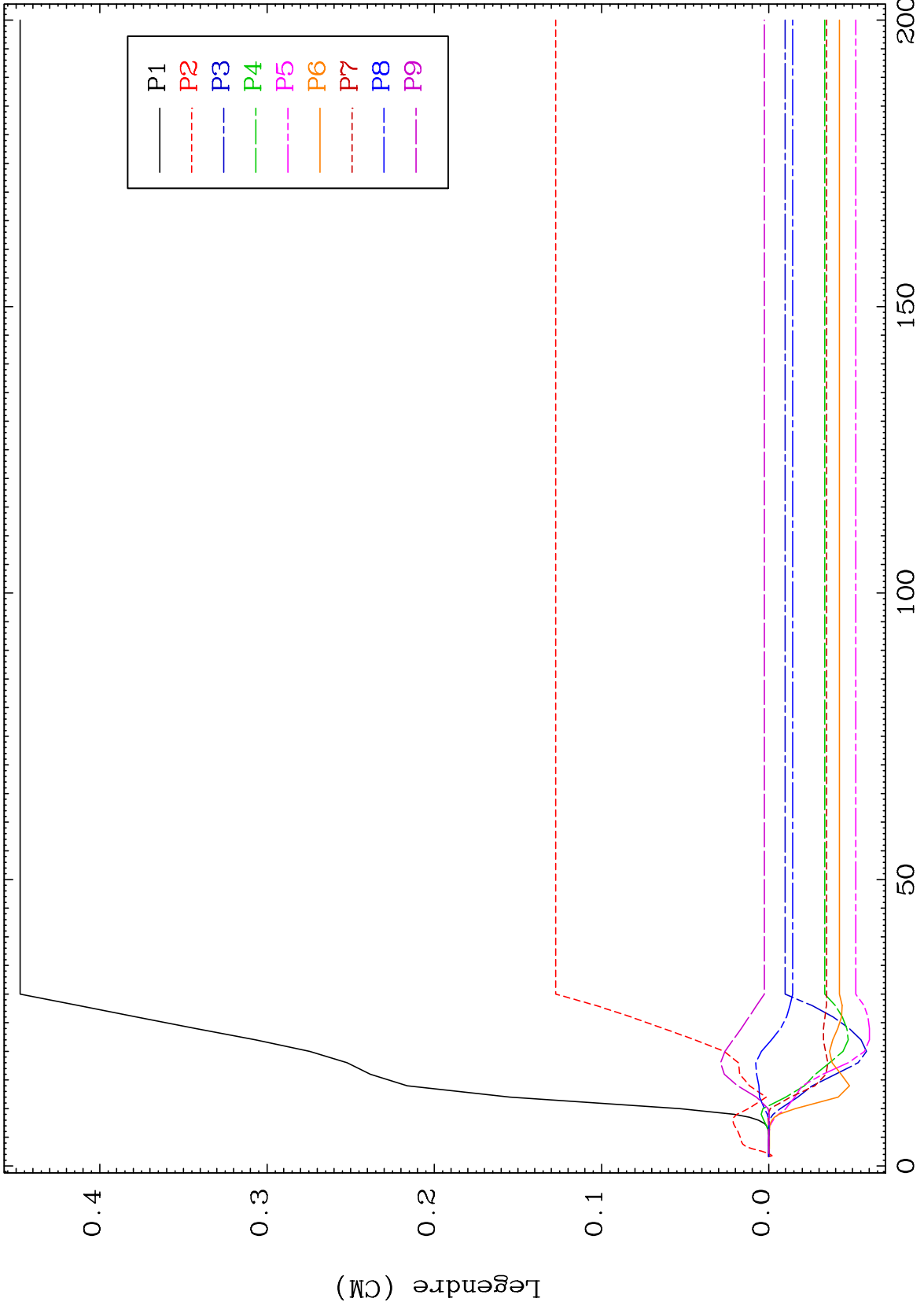


28 Incident Energy (MeV) 41-Nb-91

MAT 4119

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

41-Nb-91



29

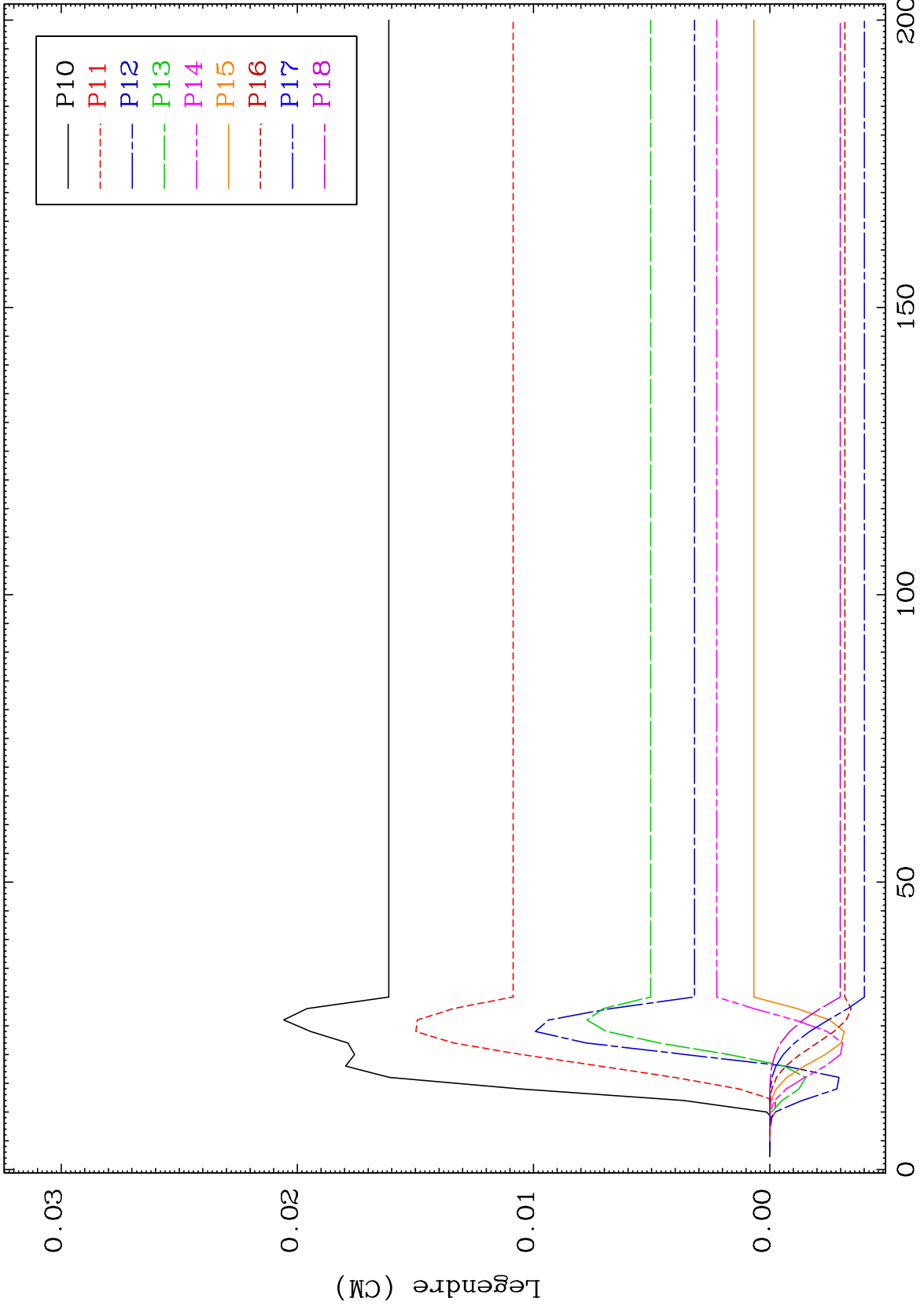
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



41-Nb-91

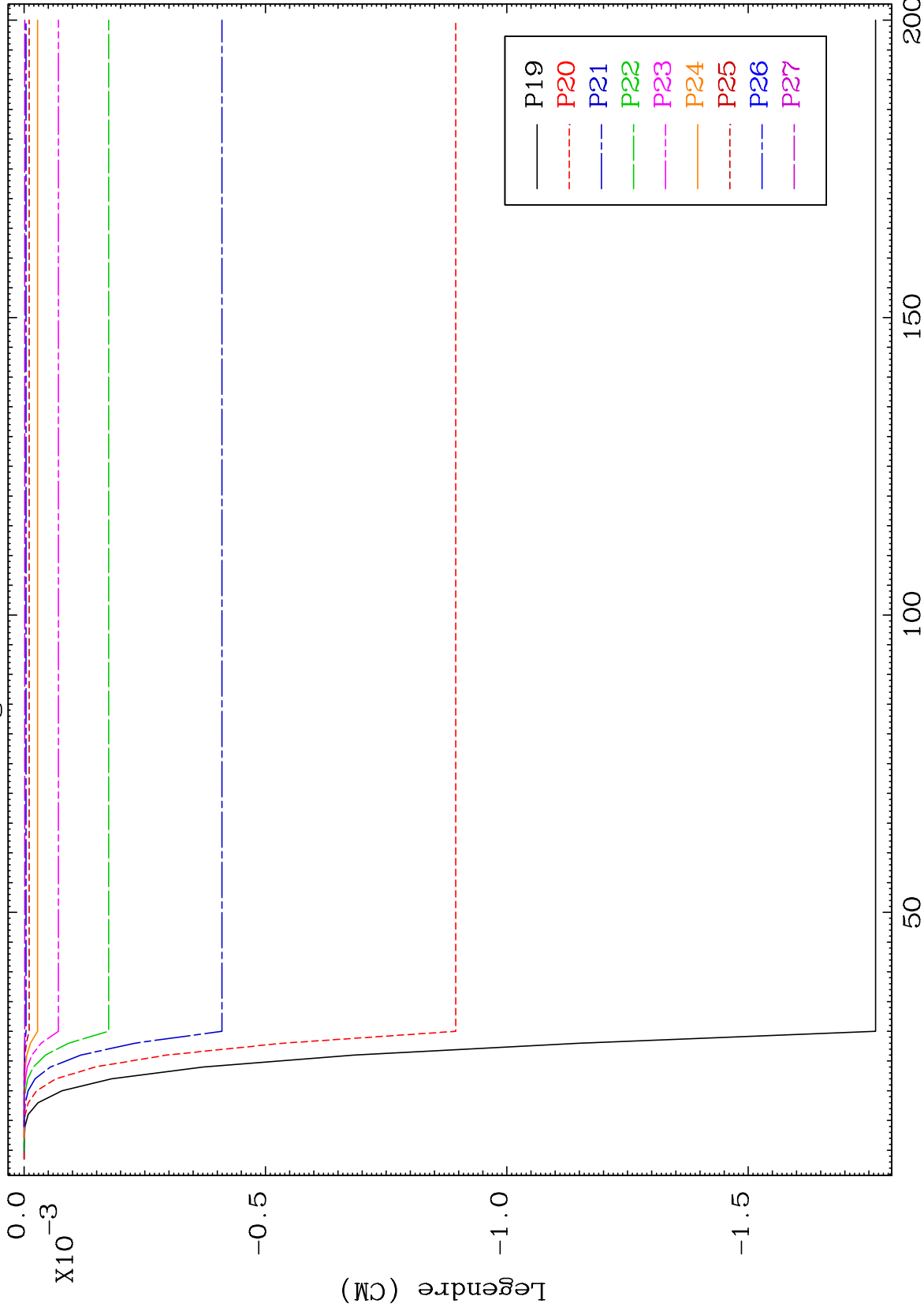
Incident Energy (MeV)

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MAT 4119

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

41-Nb-91

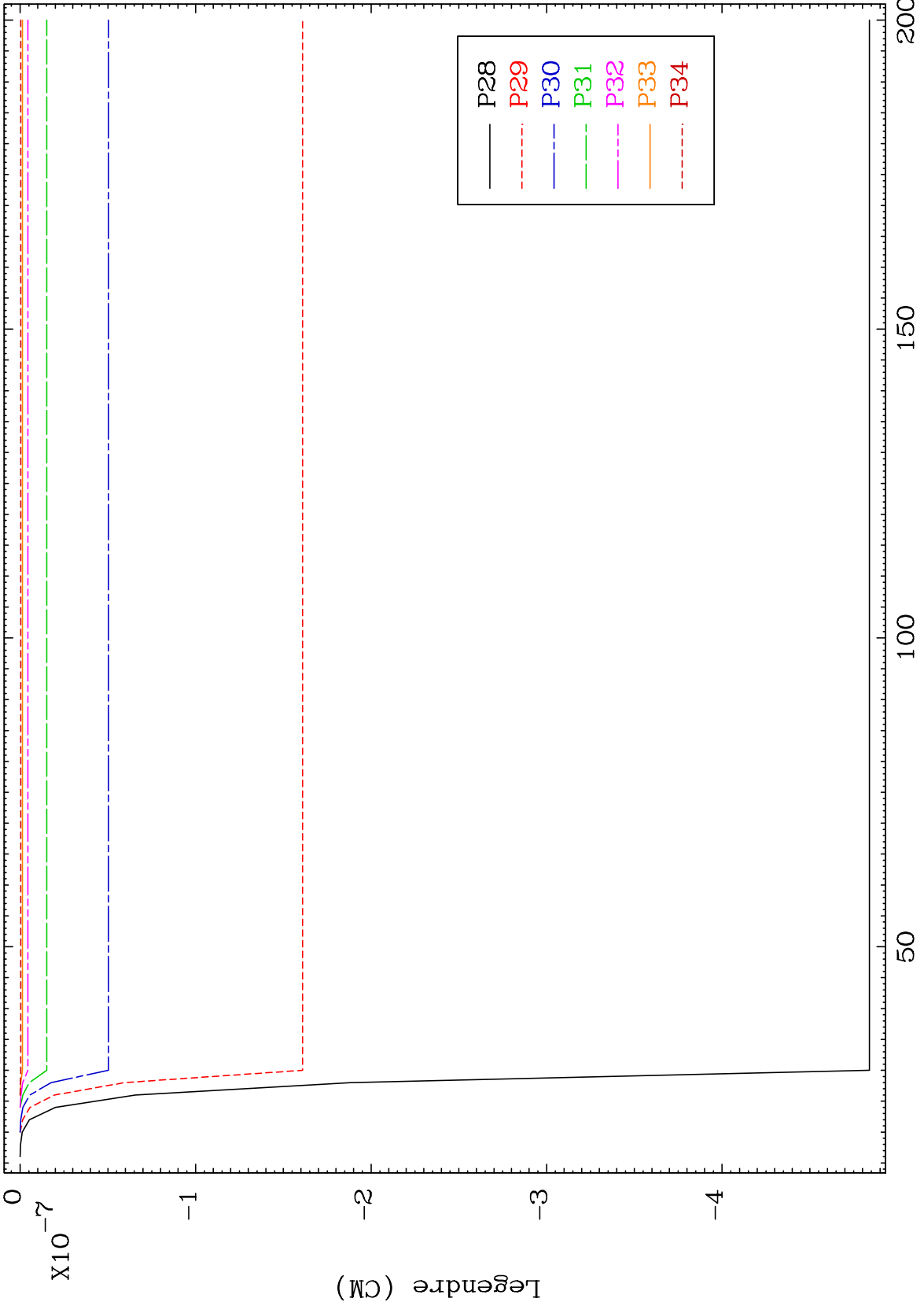


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Incident Energy (MeV)

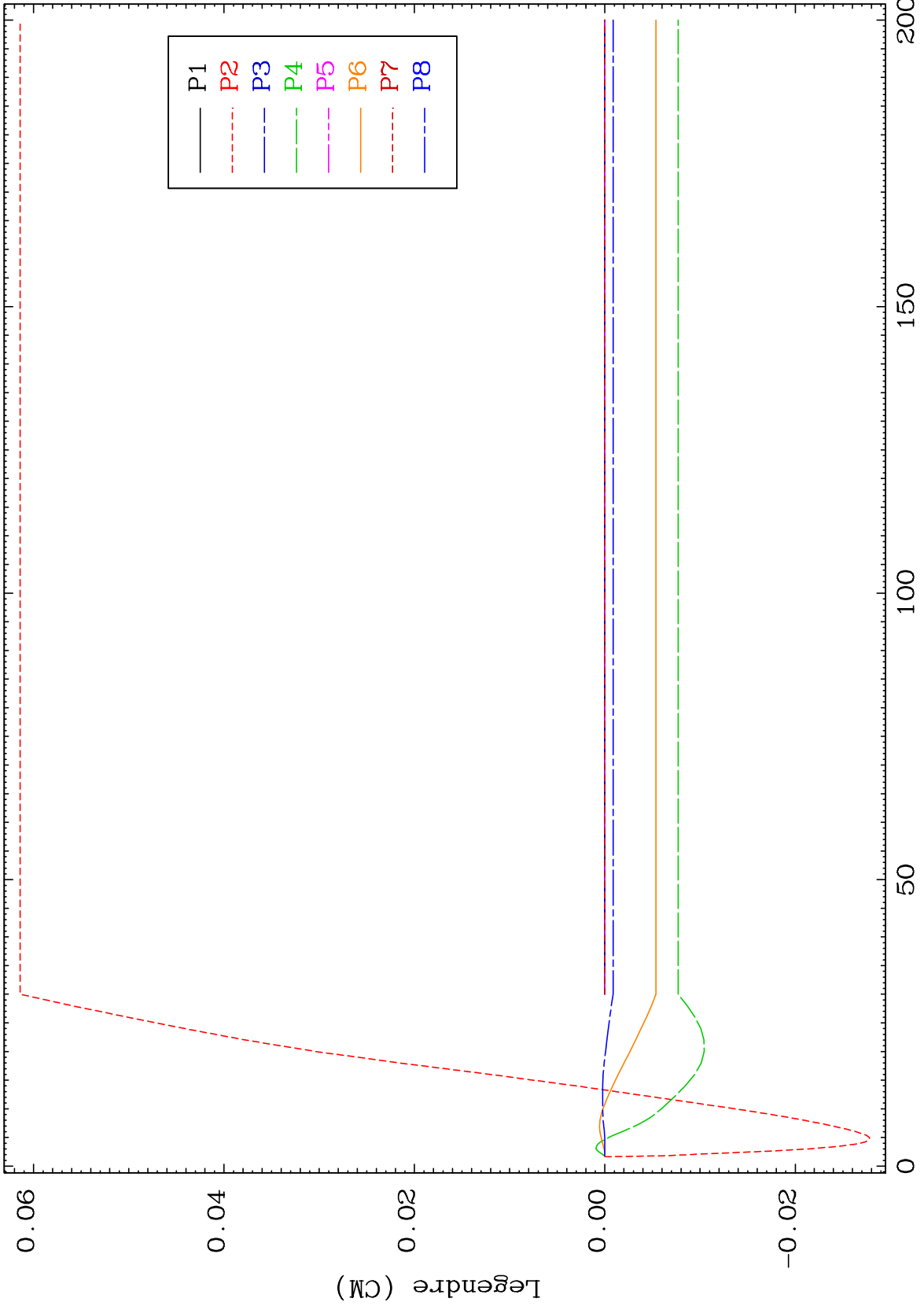
31

MAT 4119 MT= 55 (n,n') Level Legendre Coefficients 41-Nb-91



32 41-Nb-91

MAT 4119 MT= 56 (n,n') Level Legendre Coefficients 41-Nb-91

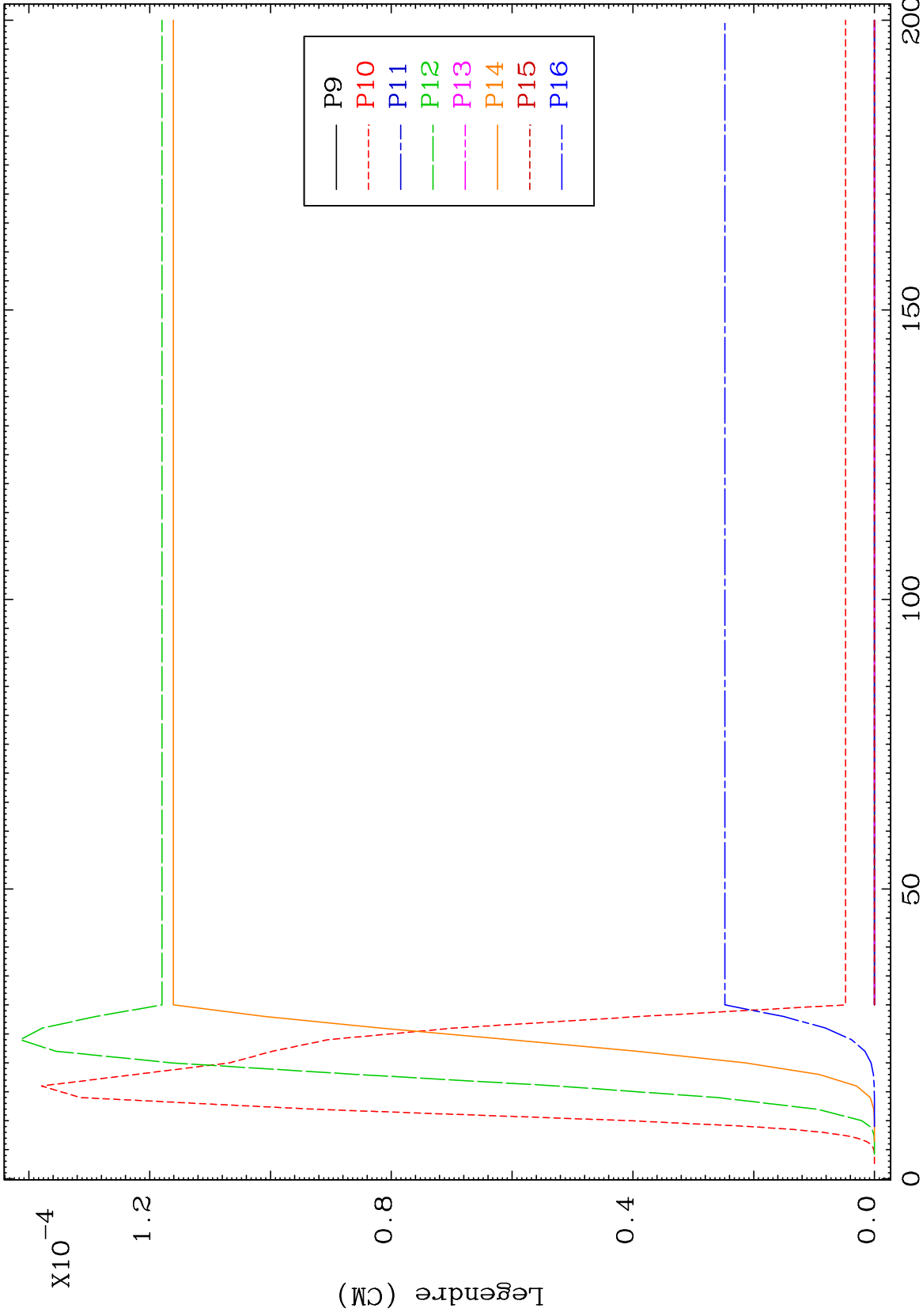


33 41-Nb-91

MAT 4119

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

41-Nb-91

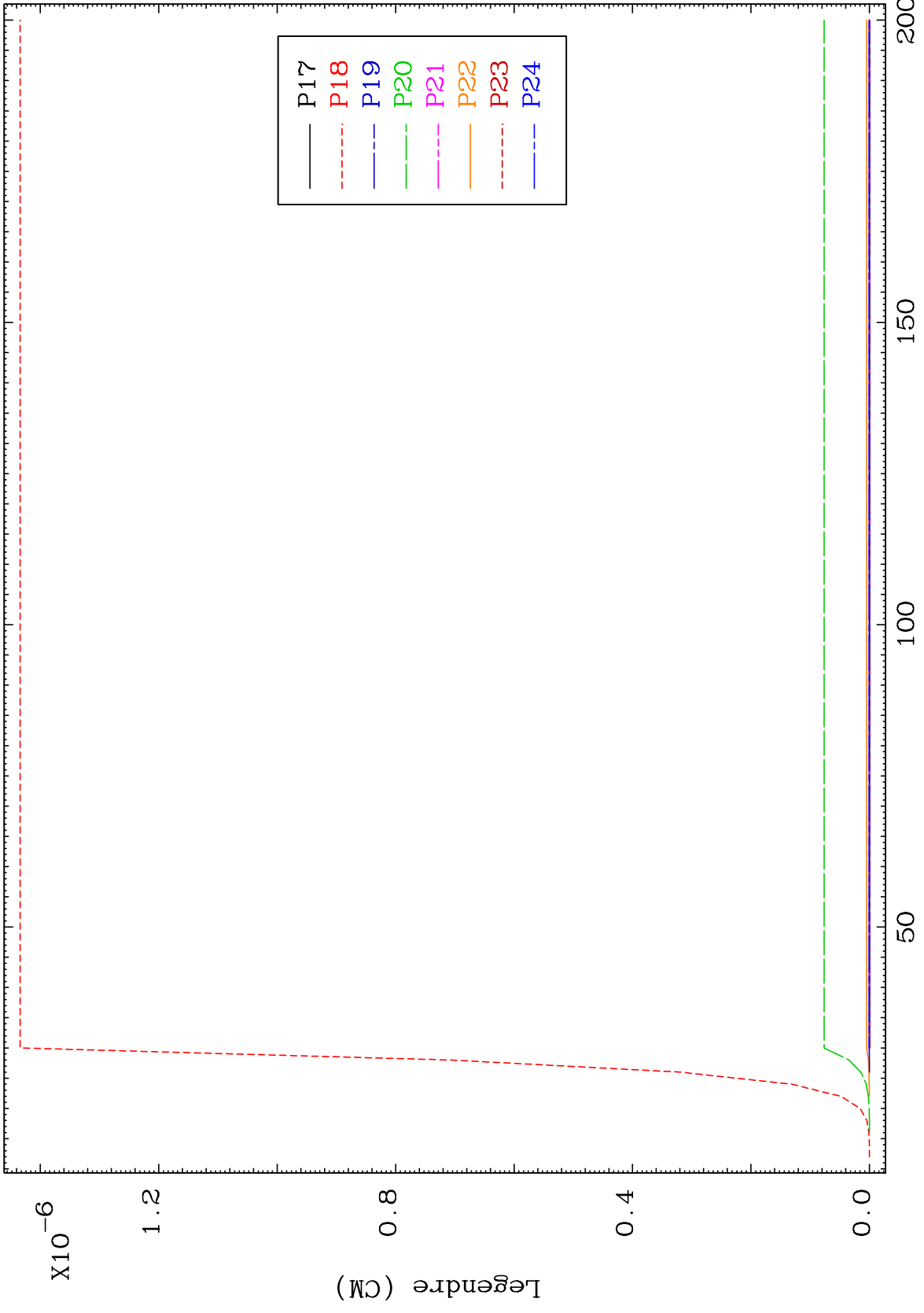


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Incident Energy (MeV)

41-Nb-91

MAT 4119 MT= 56 (n,n') Level Legendre Coefficients 41-Nb-91

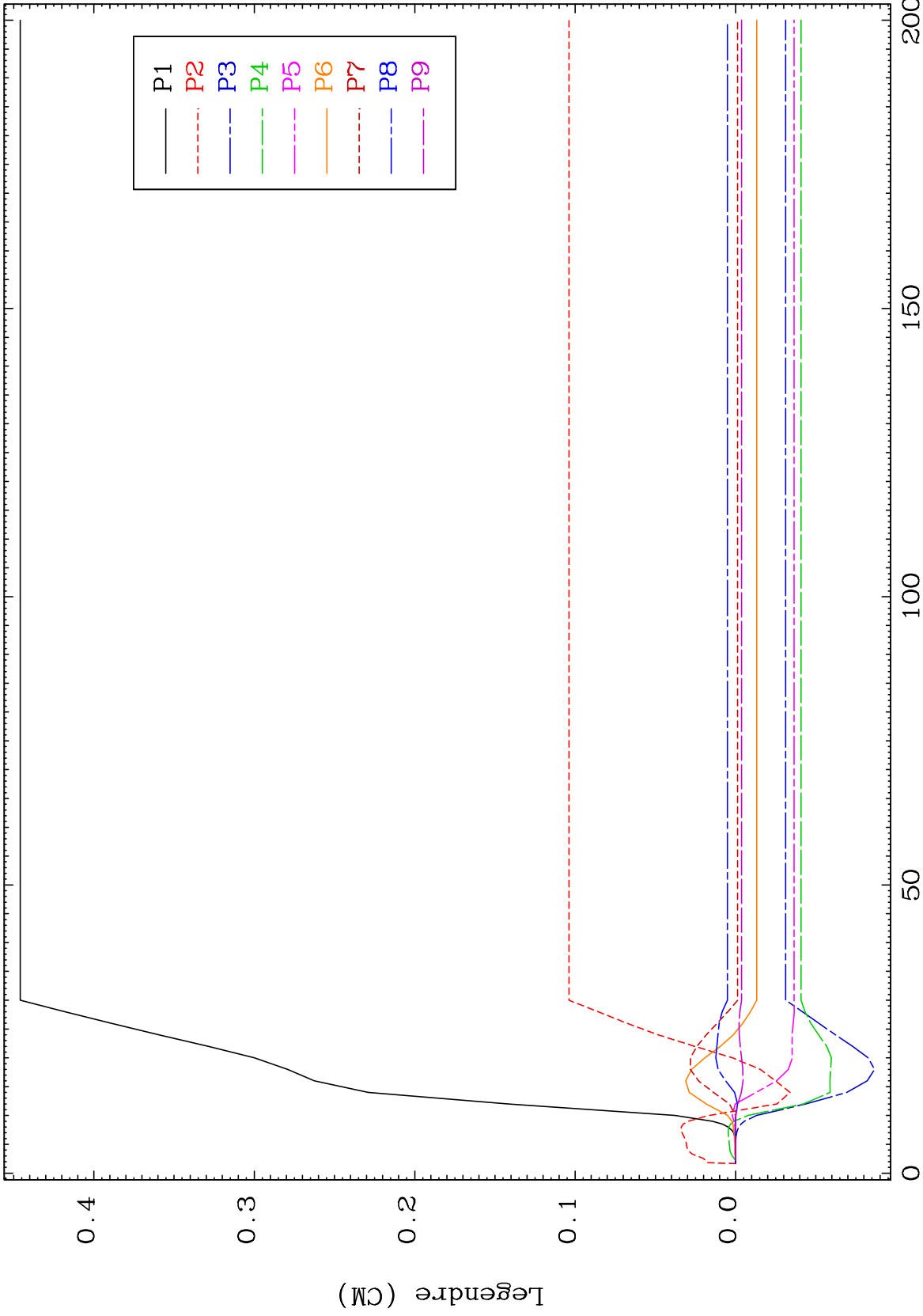


35 Incident Energy (MeV) 41-Nb-91

MAT 4119

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

41-Nb-91



36

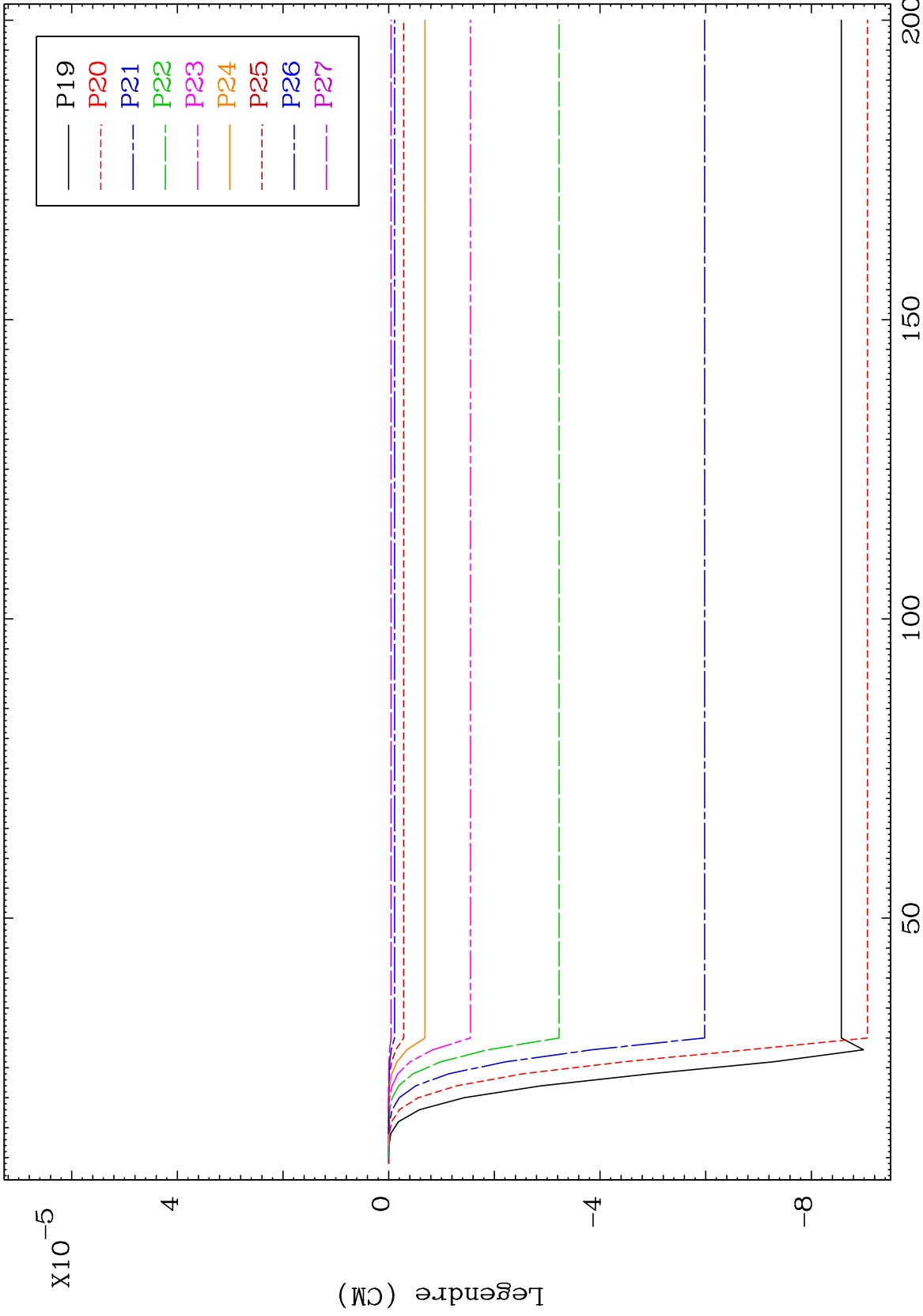
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



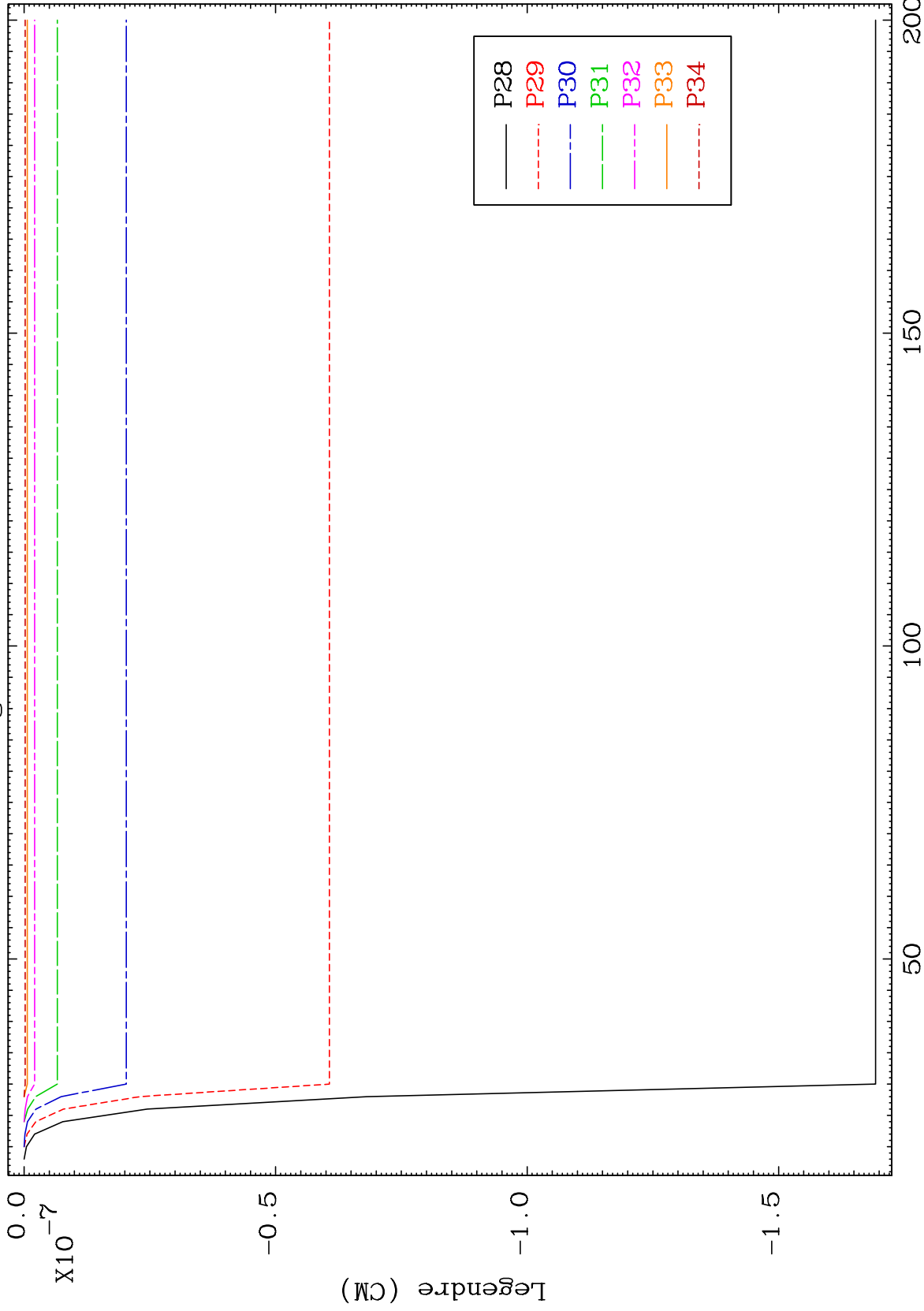
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41-Nb-91

MAT 4119

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

41-Nb-91



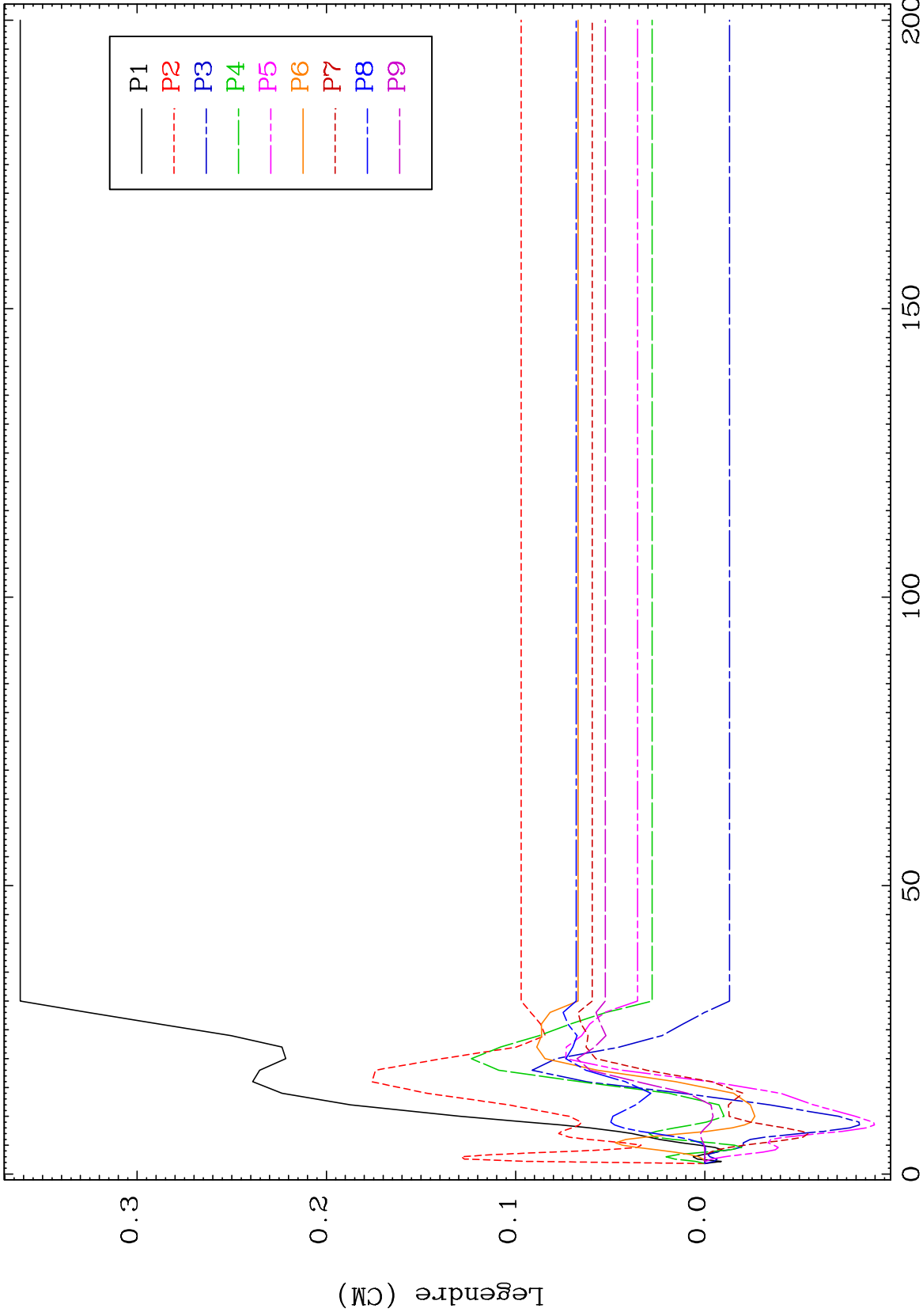
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41-Nb-91

MAT 4119

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

41-Nb-91



41-Nb-91

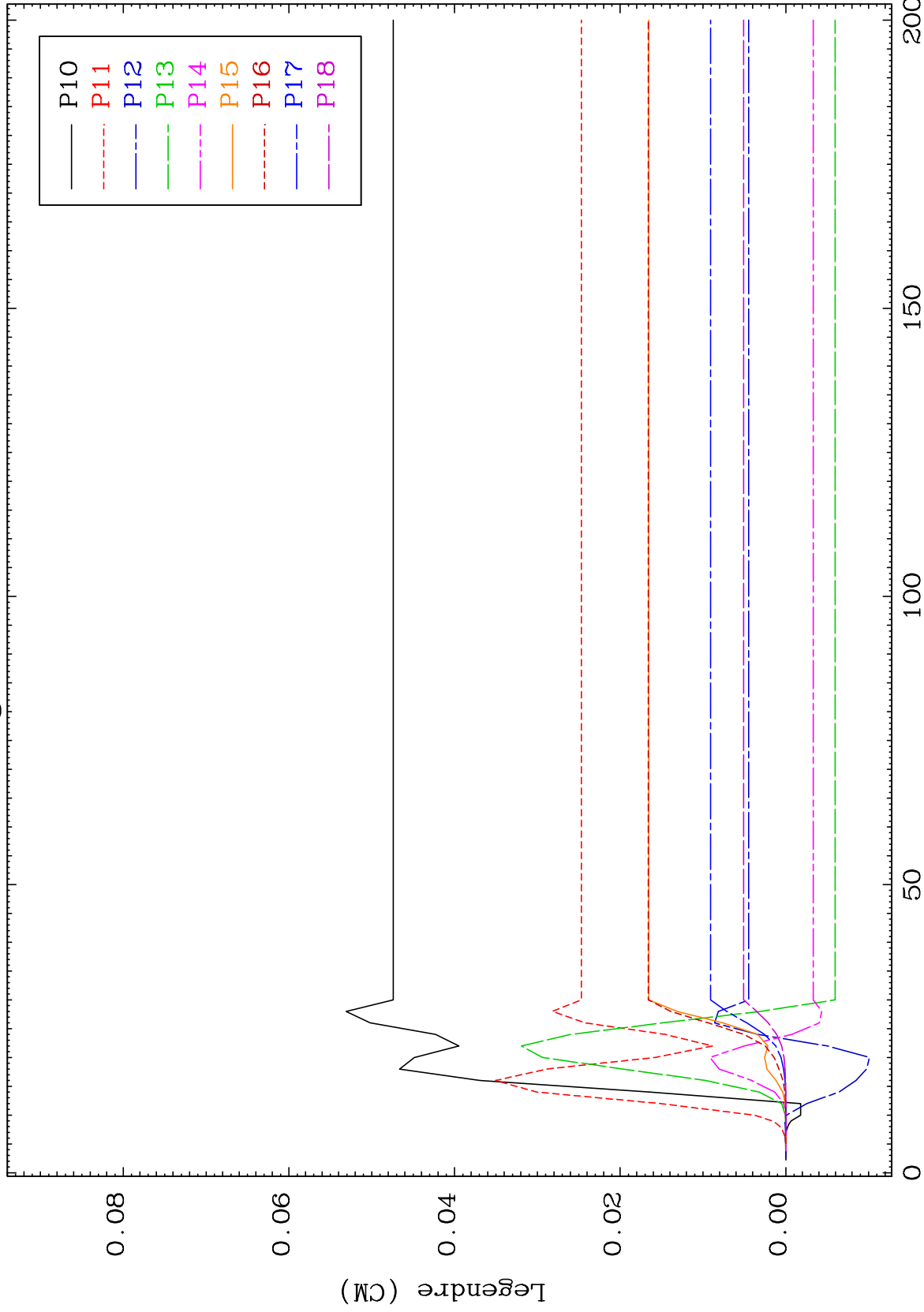
Incident Energy (MeV)

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MAT 4119

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

41-Nb-91



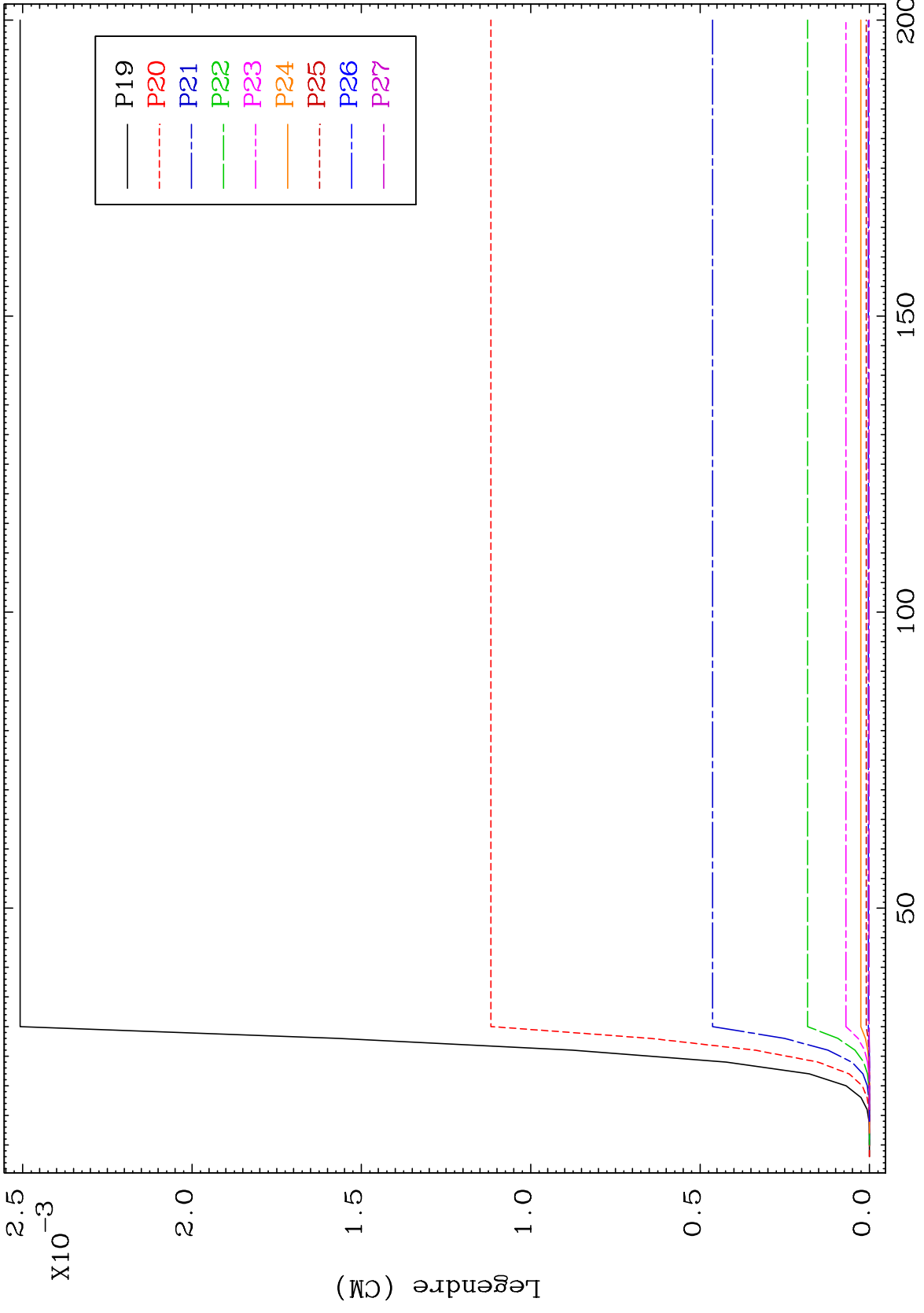
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41-Nb-91

MAT 4119

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

41-Nb-91



42

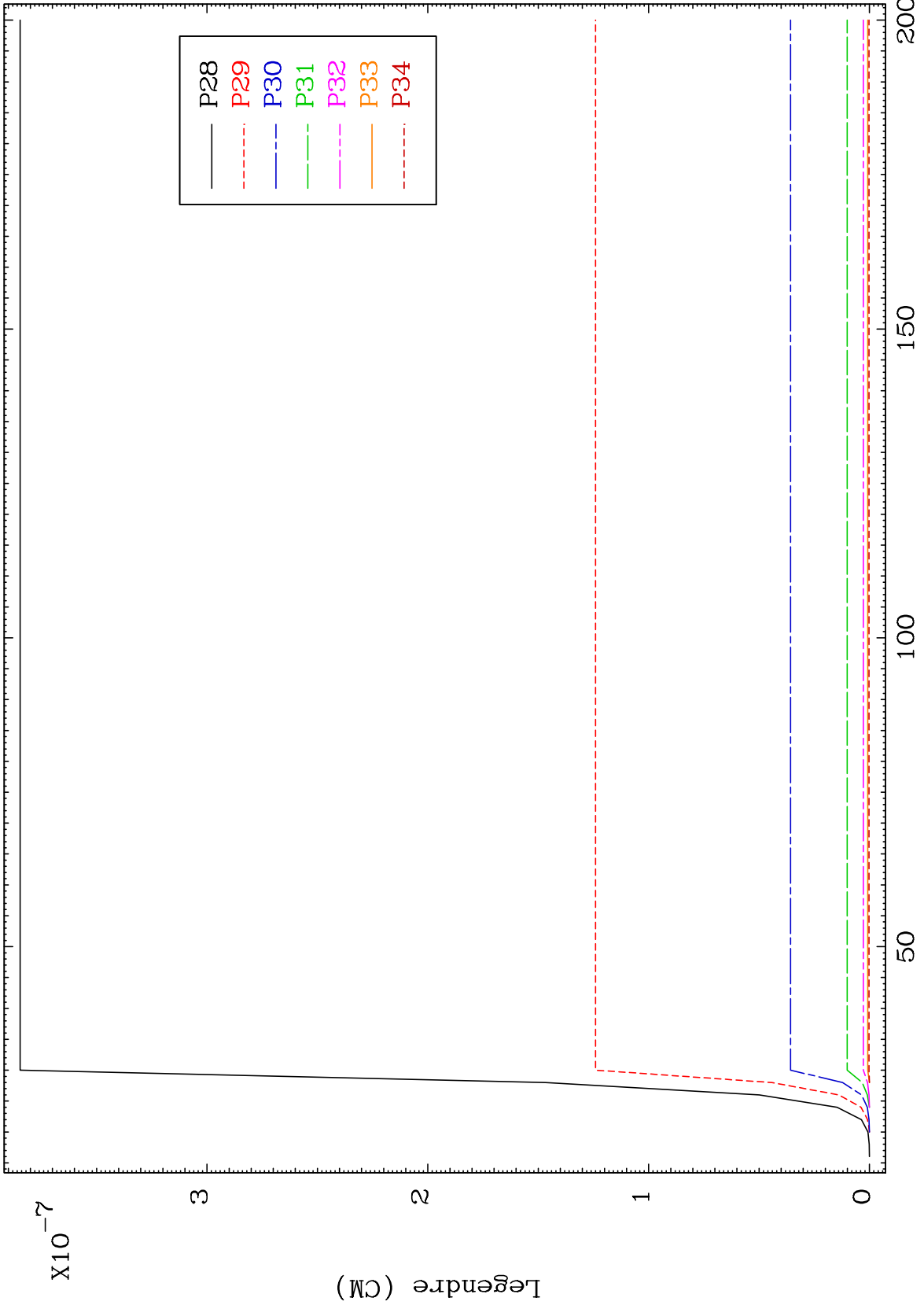
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

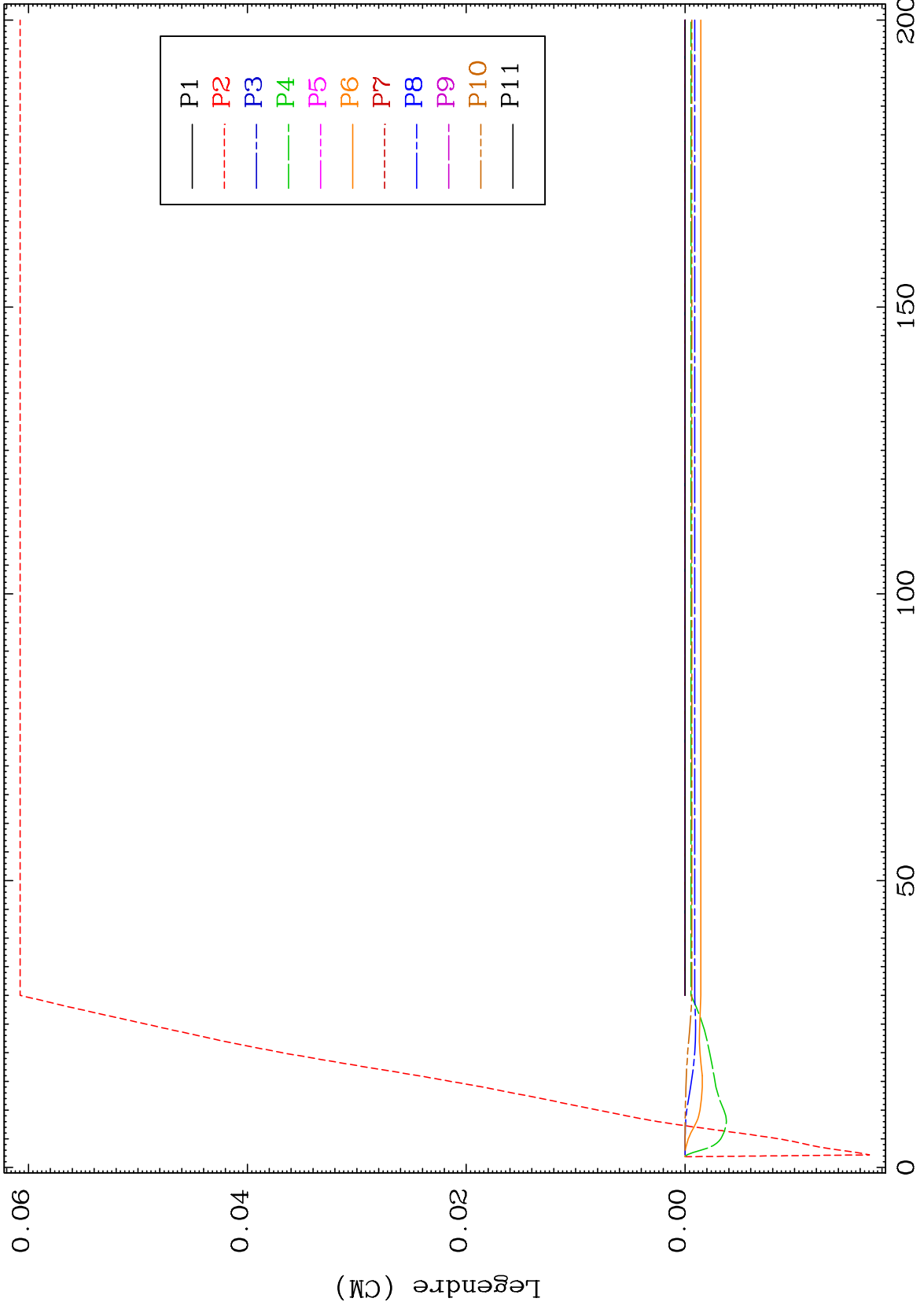
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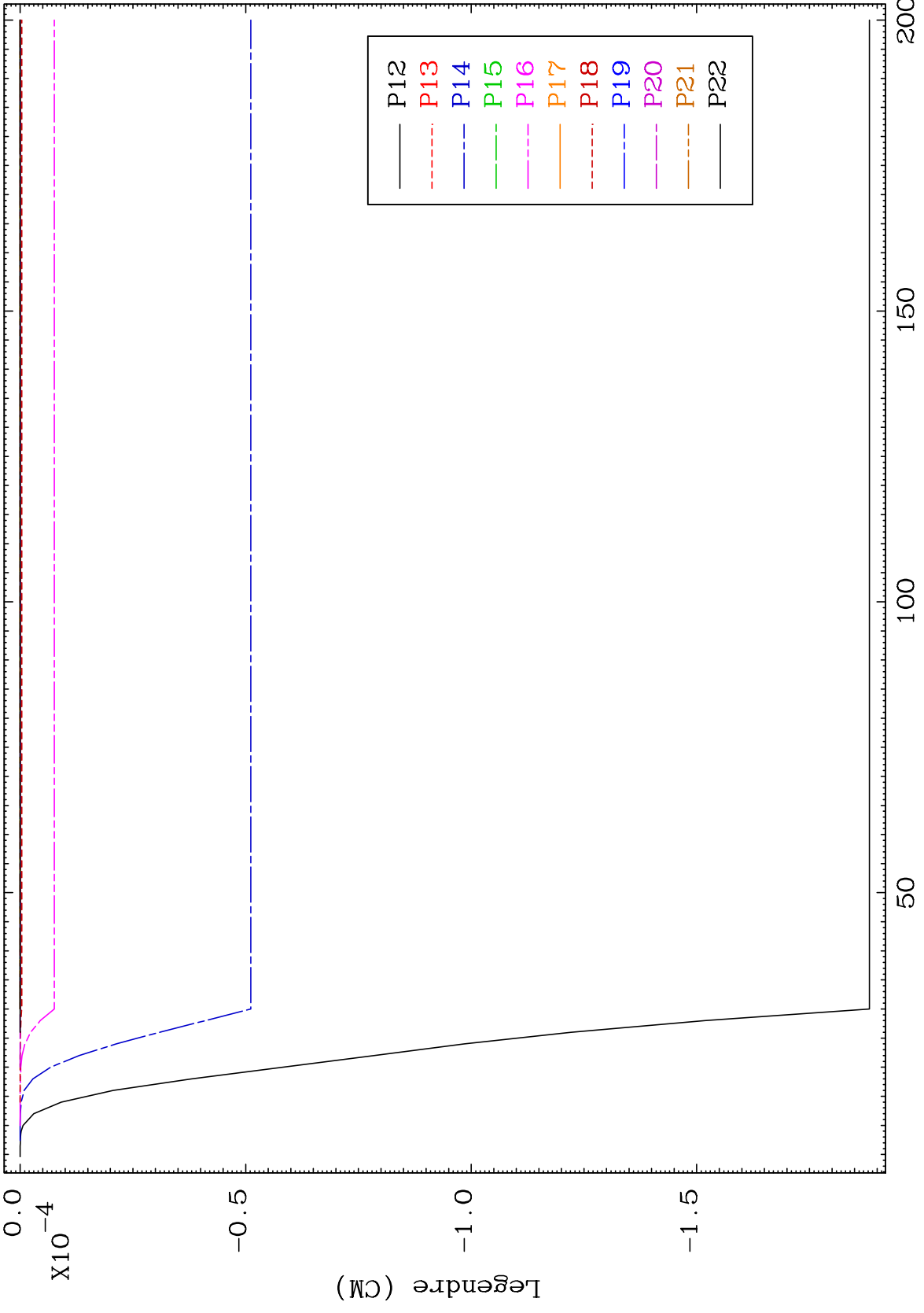
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41-Nb-91

MAT 4119 MT= 59 (n,n') Level Legendre Coefficients 41-Nb-91



MAT 4119 MT= 59 (n,n') Level Legendre Coefficients 41-Nb-91

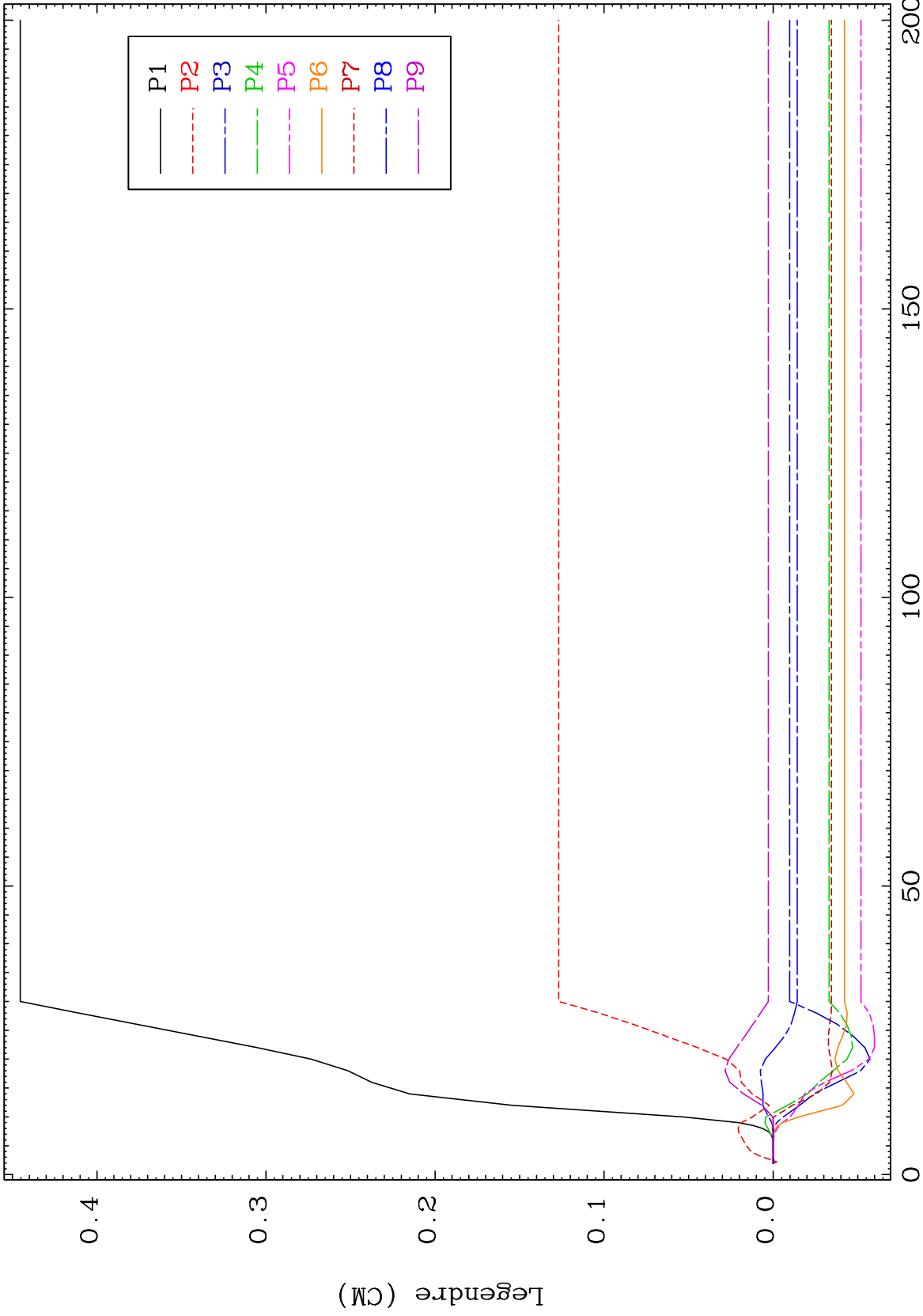


45 Incident Energy (MeV) 41-Nb-91

MAT 4119

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

41-Nb-91



46

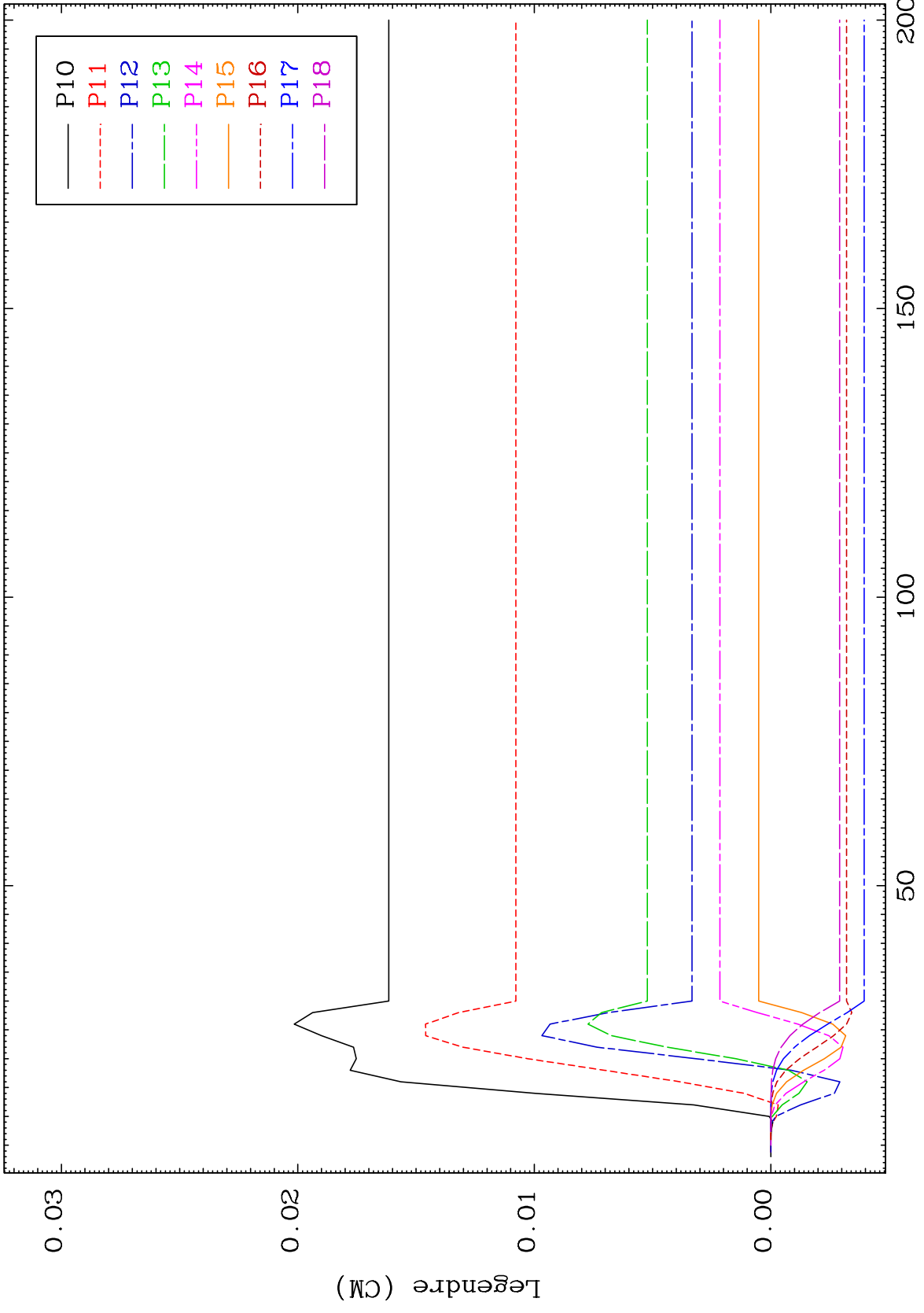
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



47

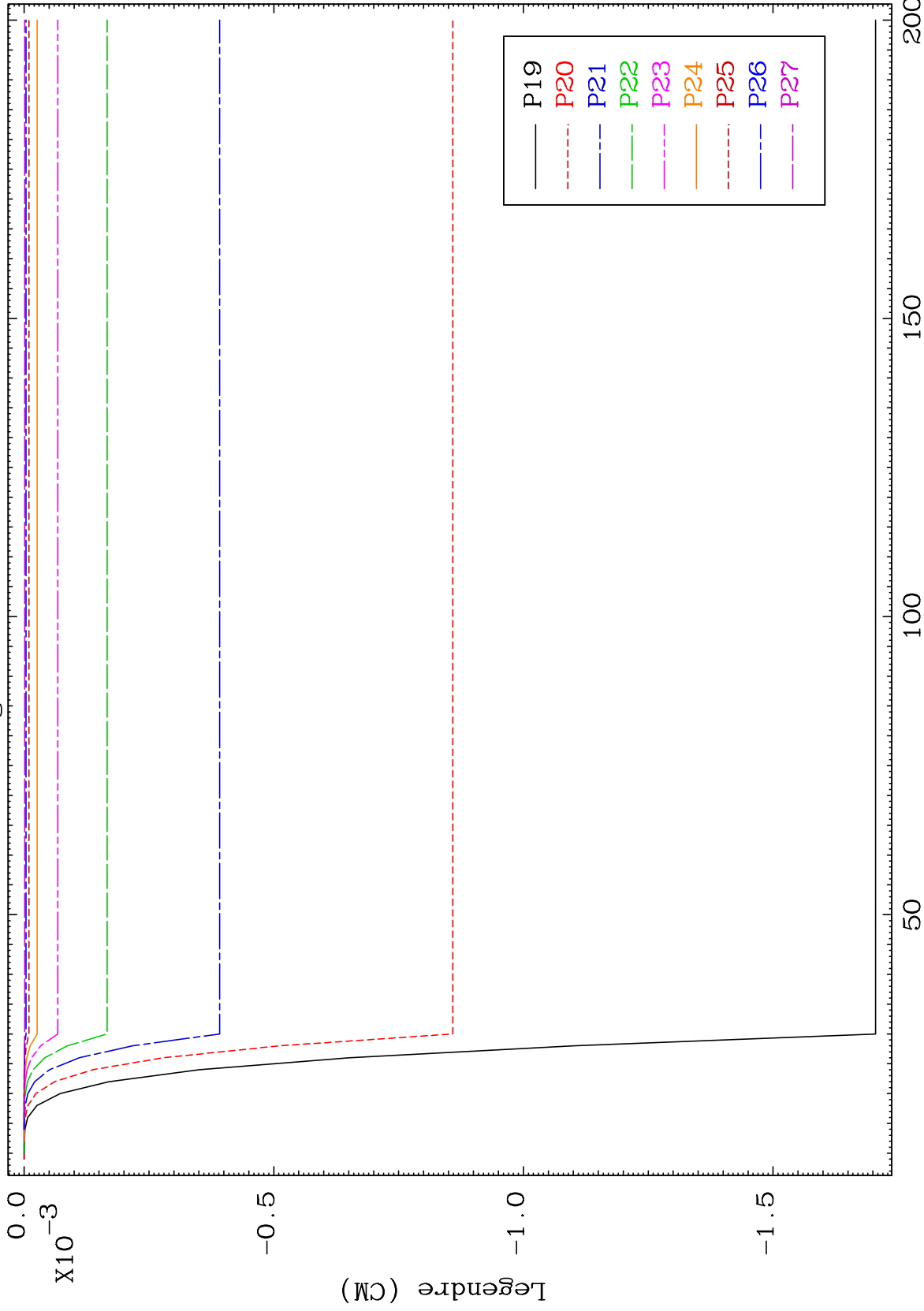
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

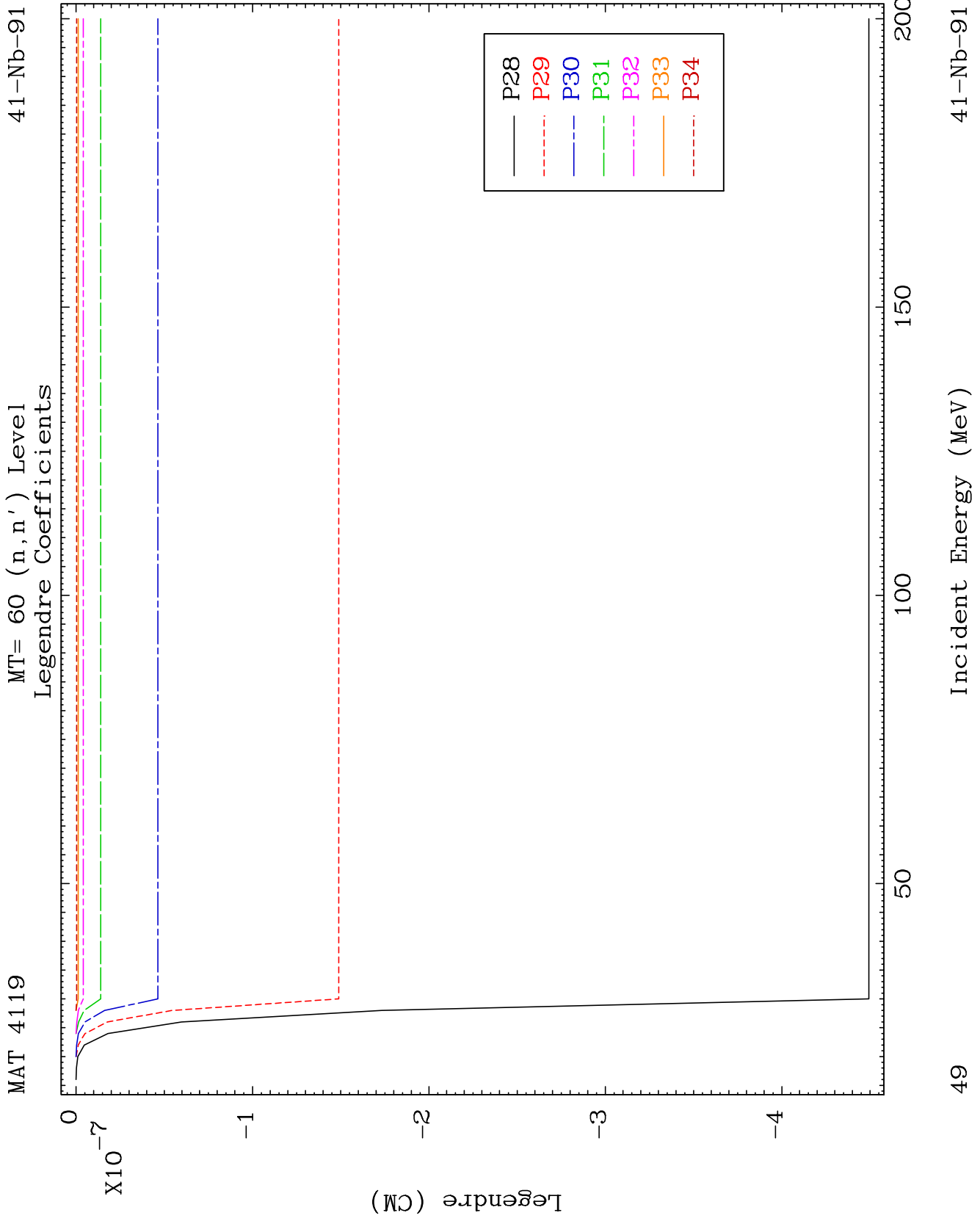
41-Nb-91



48

Incident Energy (MeV)

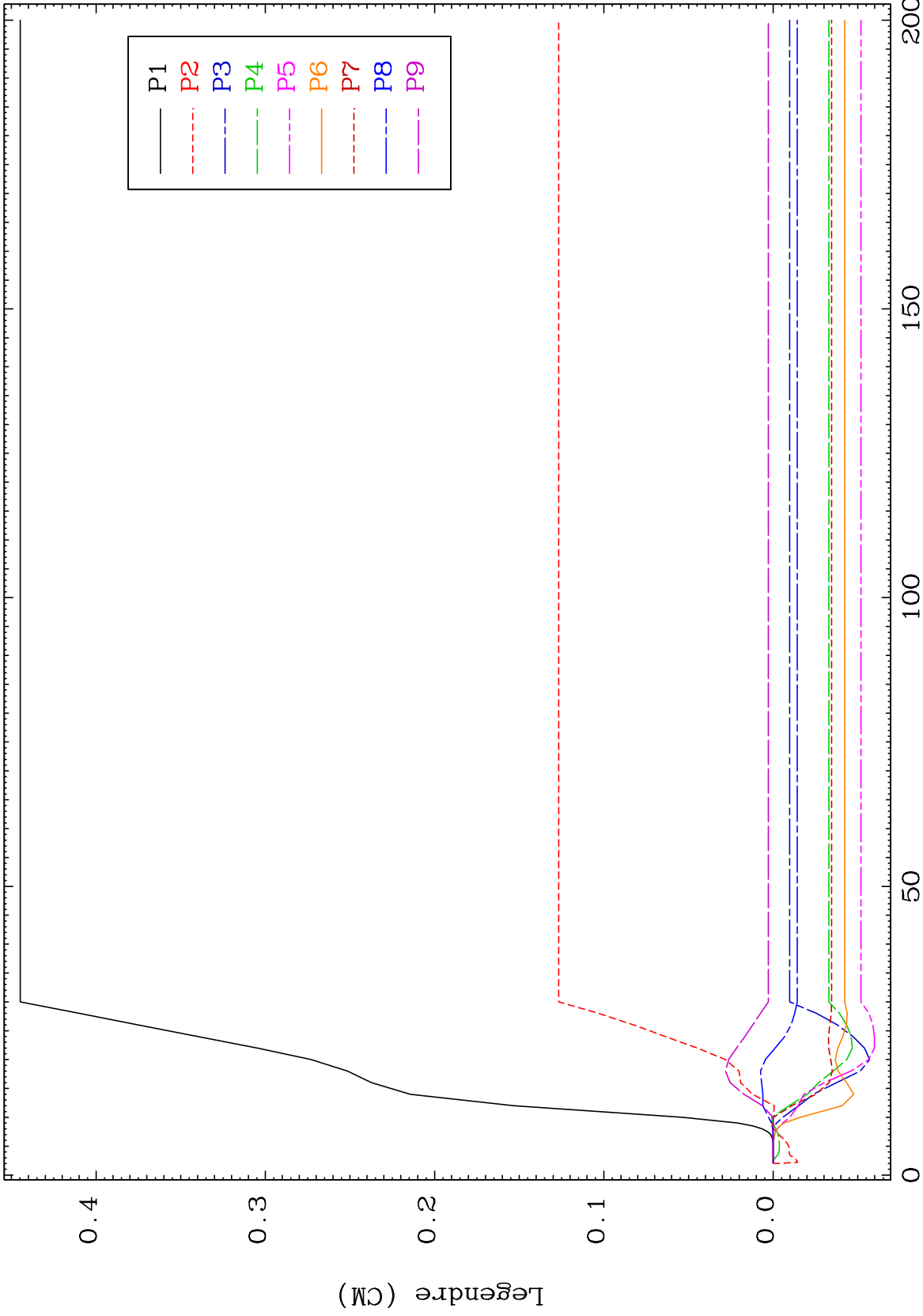
41-Nb-91



MAT 4119

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

41-Nb-91



41-Nb-91

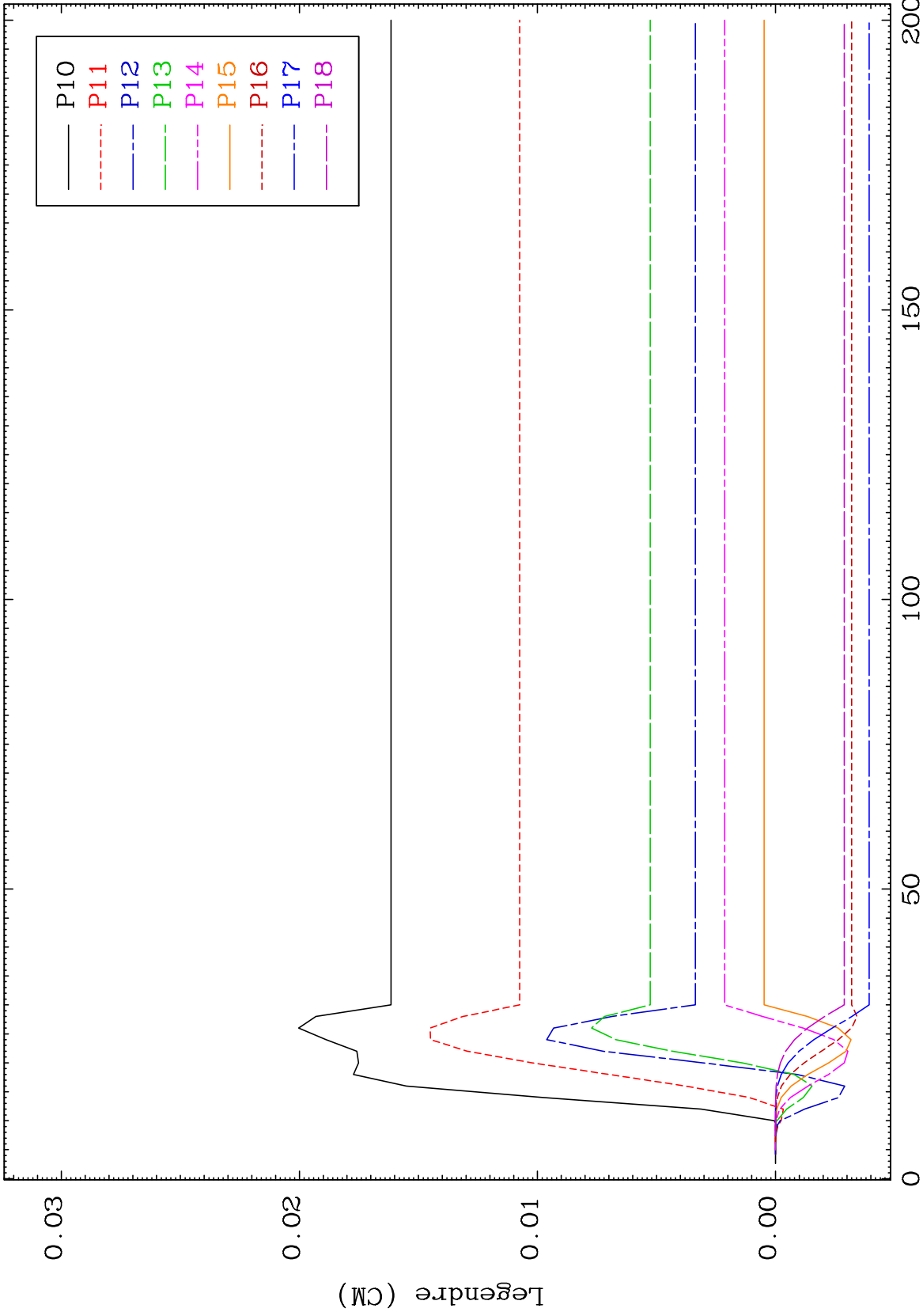
Incident Energy (MeV)

50

MAT 4119

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

41-Nb-91



51

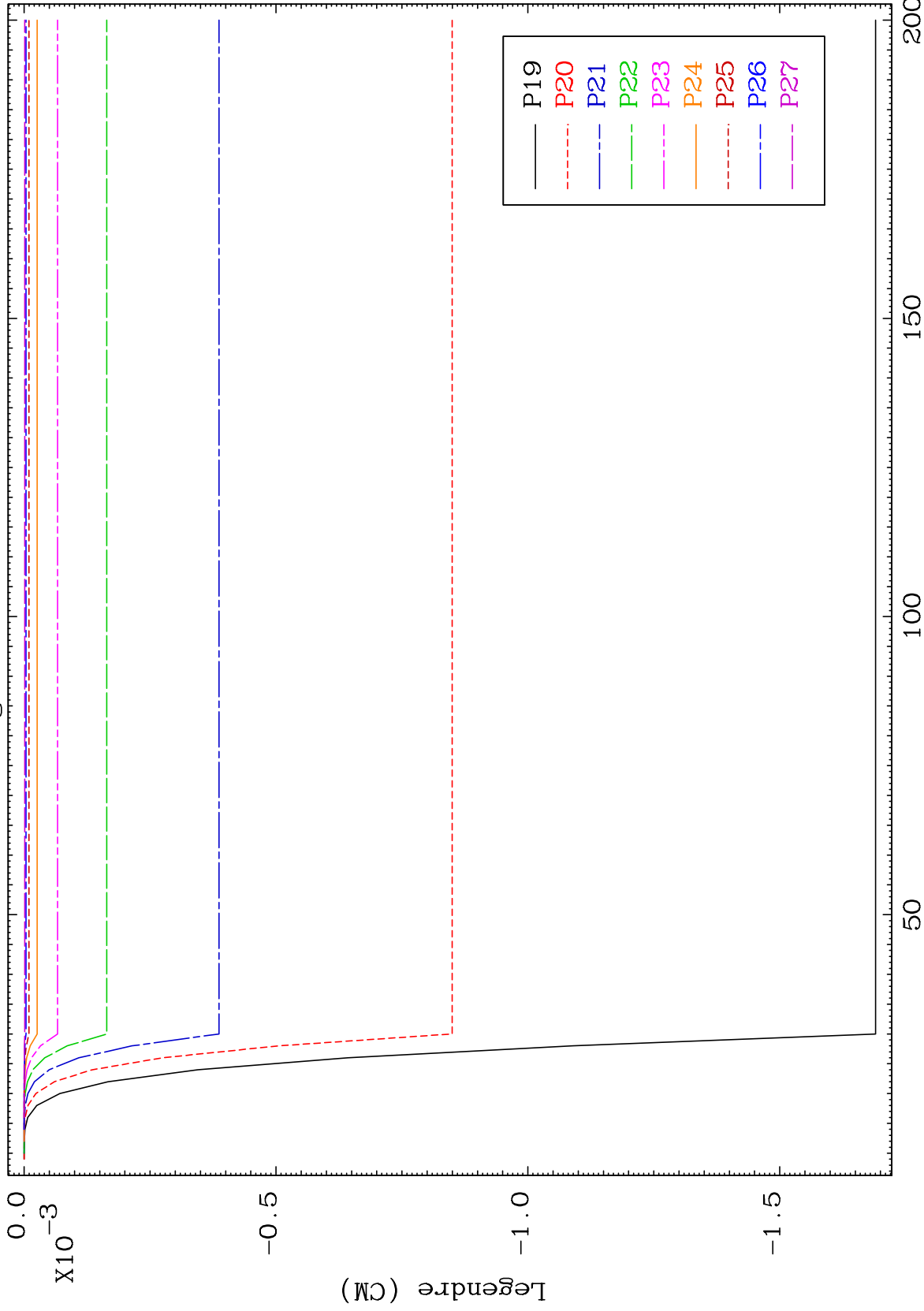
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

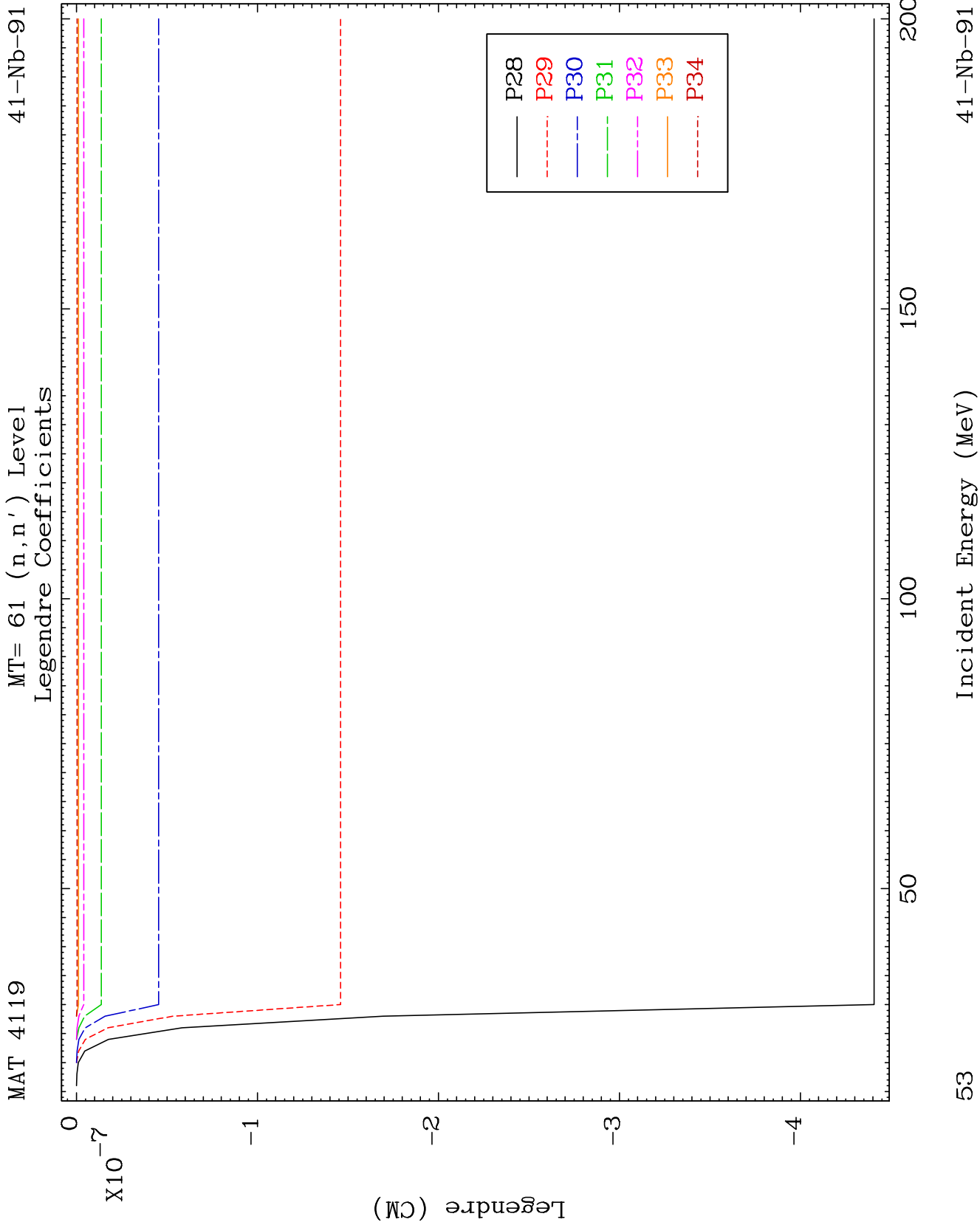
41-Nb-91



41-Nb-91

Incident Energy (MeV)

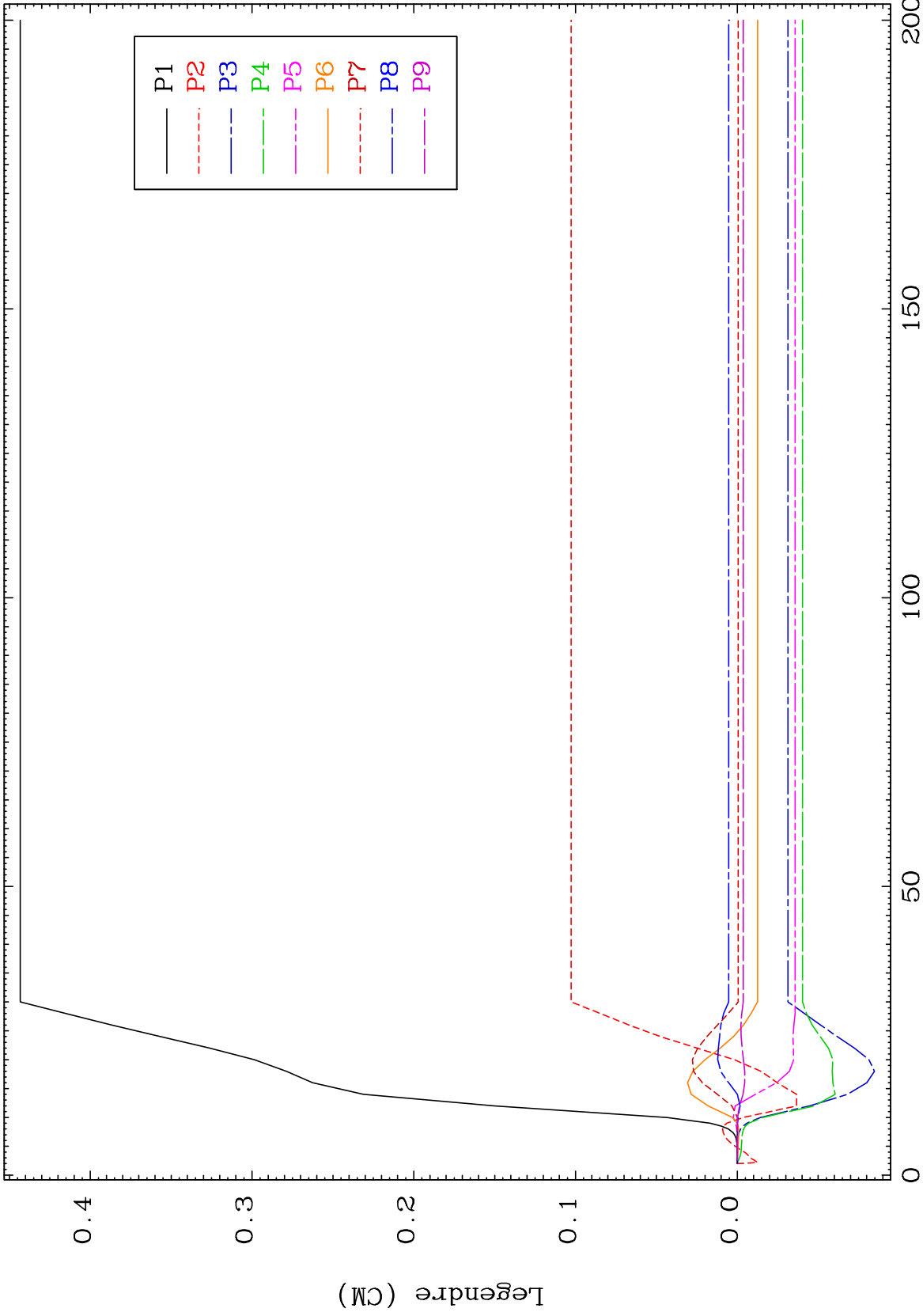
52



MAT 4119

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

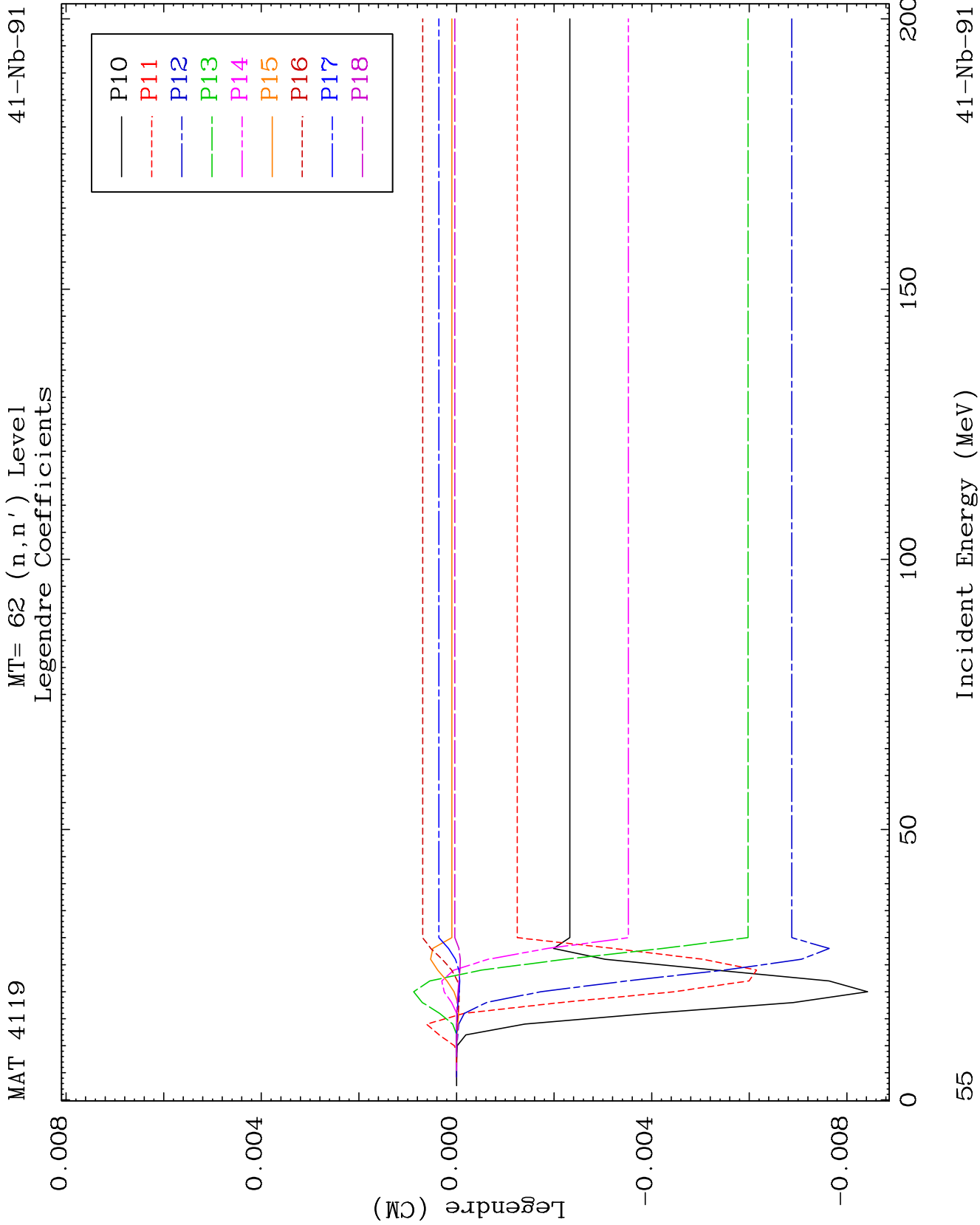
41-Nb-91



54

Incident Energy (MeV)

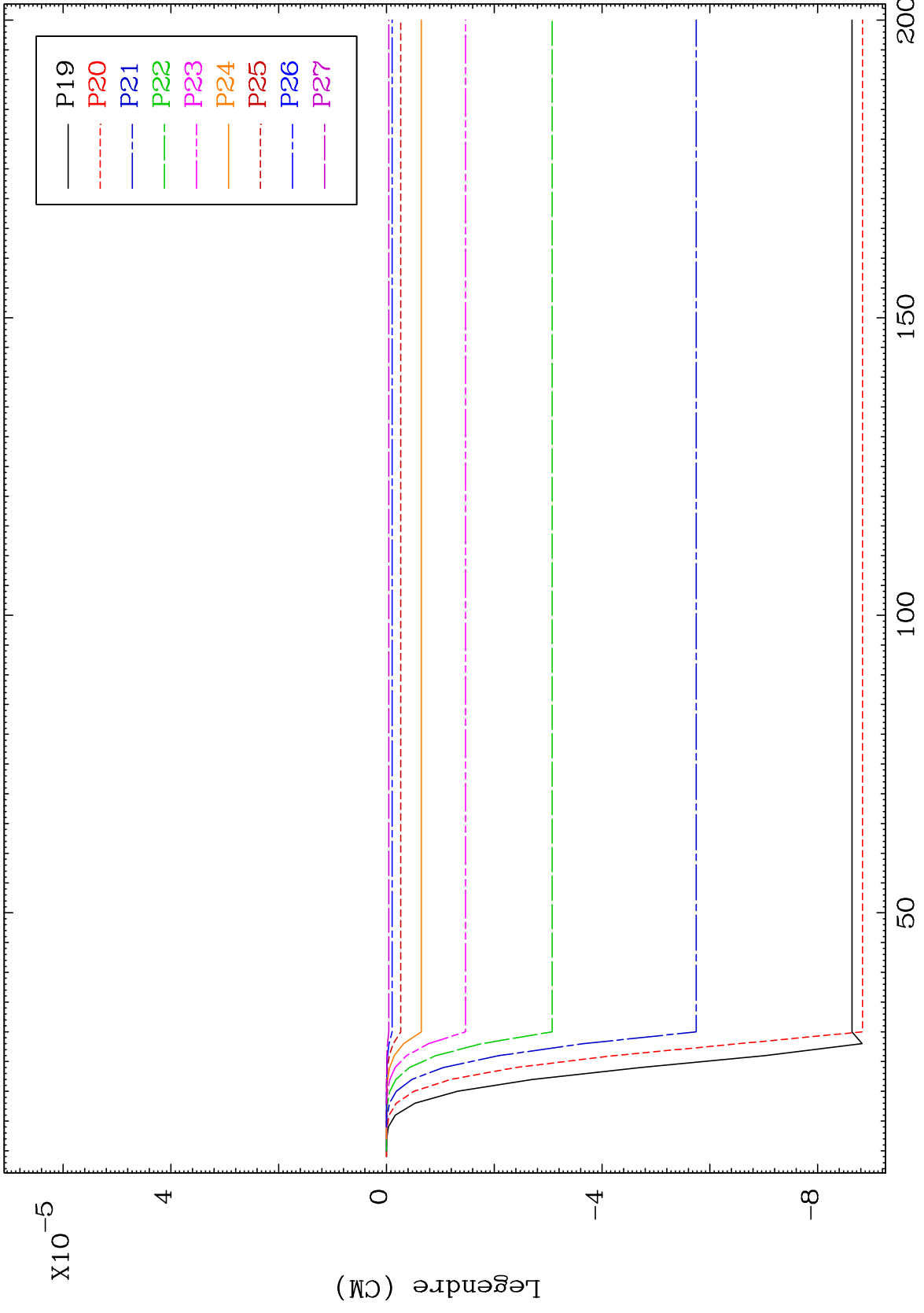
41-Nb-91



MAT 4119

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

41-Nb-91



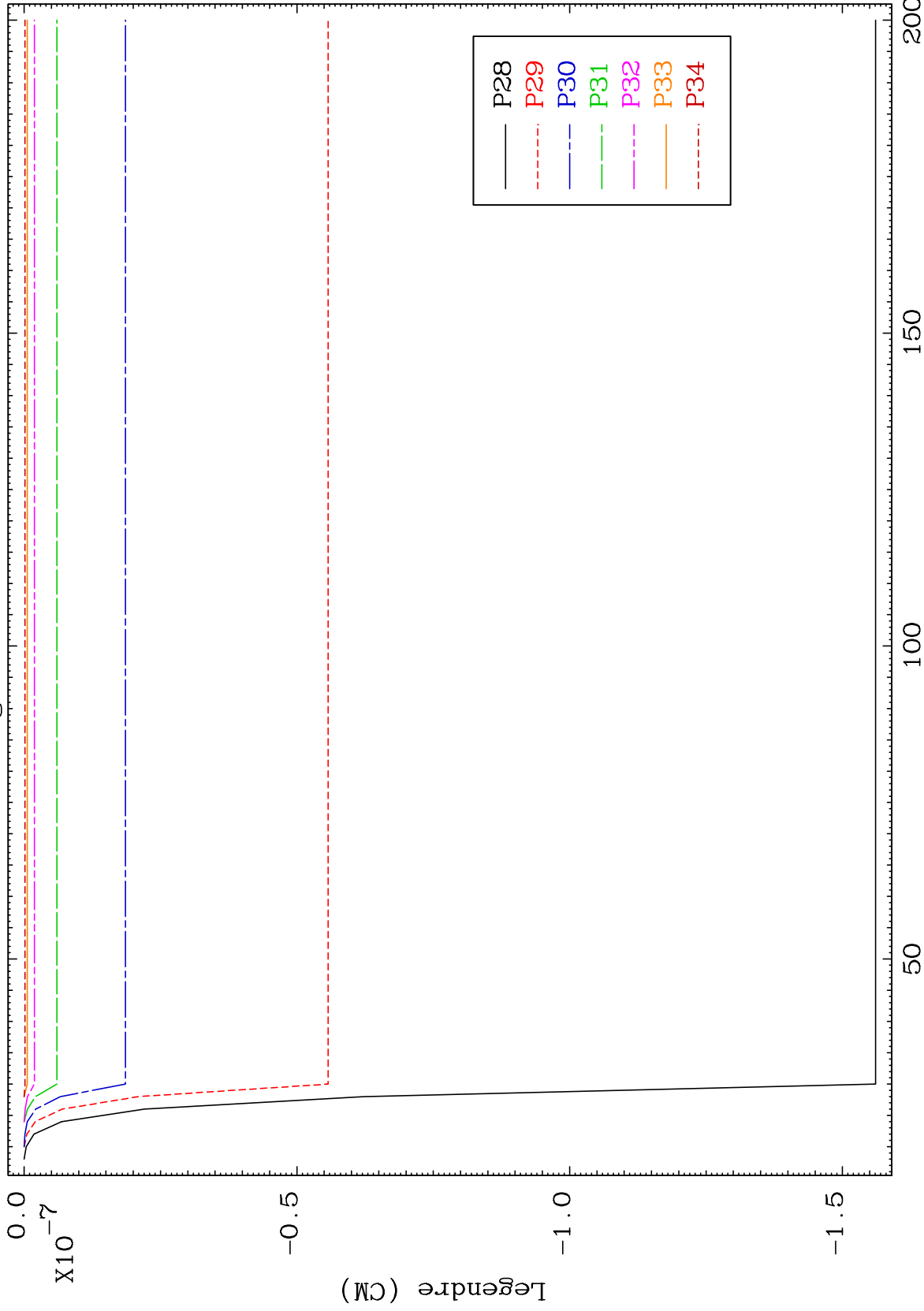
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41-Nb-91

MAT 4119

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

41-Nb-91



57

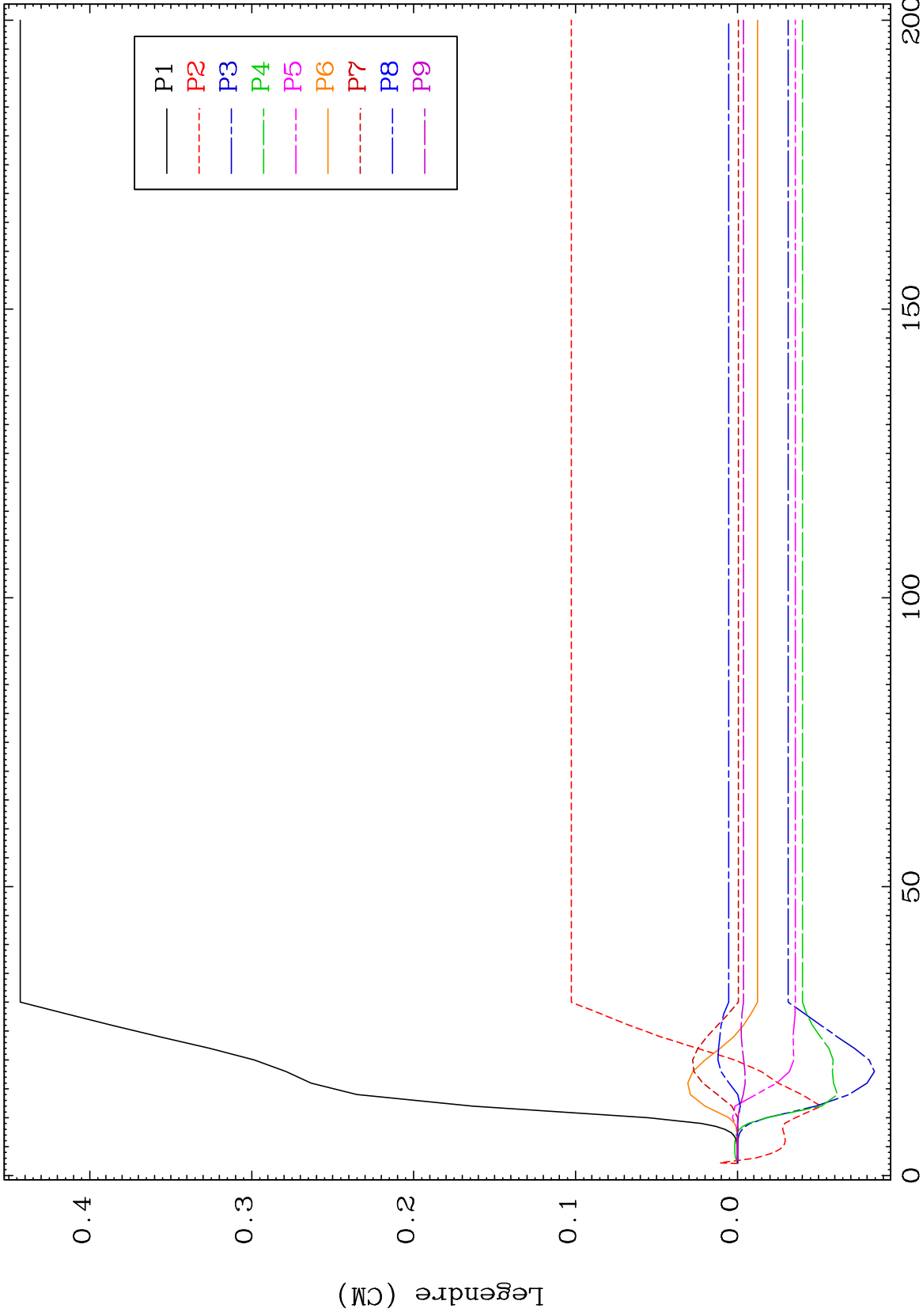
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

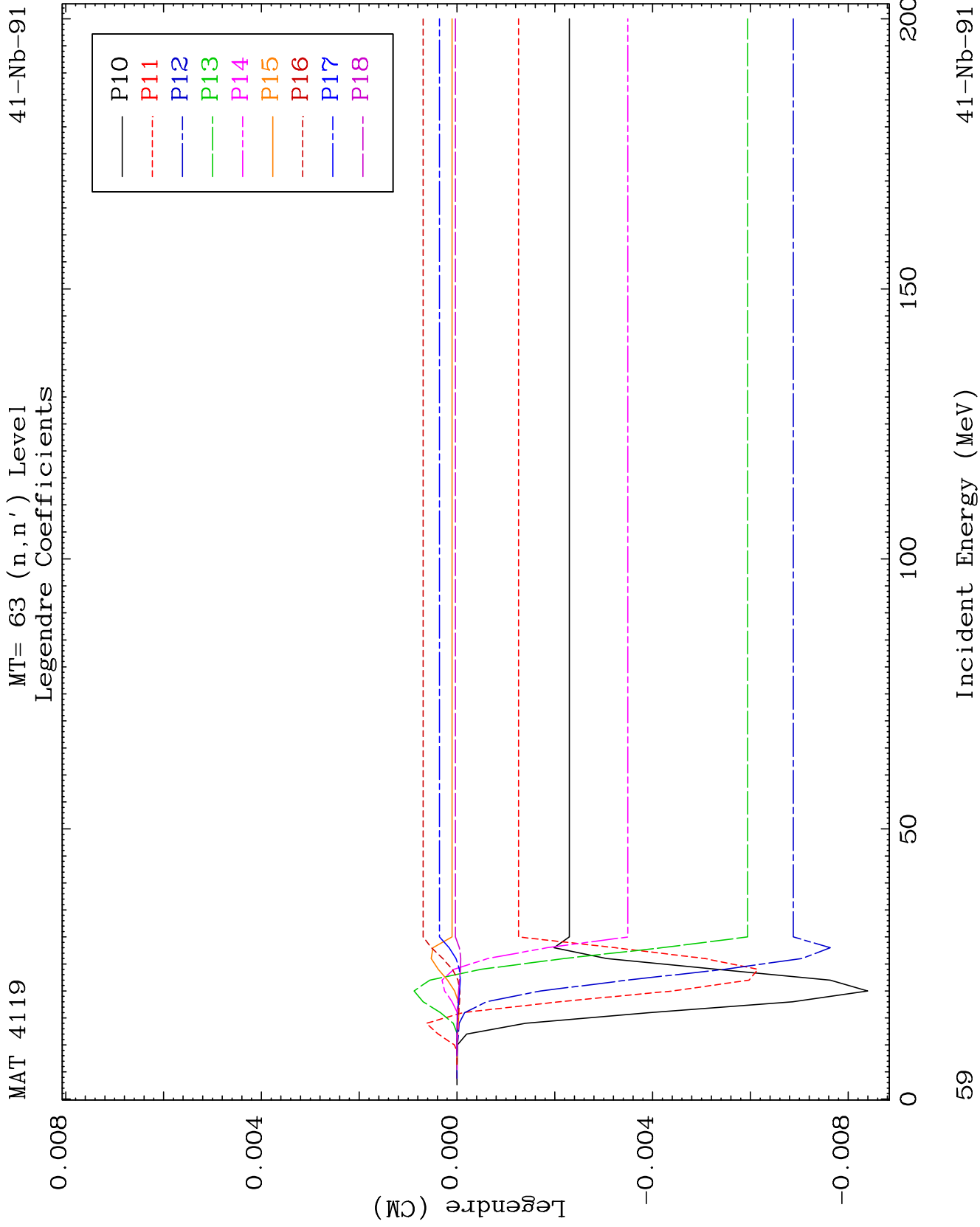
41-Nb-91



58

Incident Energy (MeV)

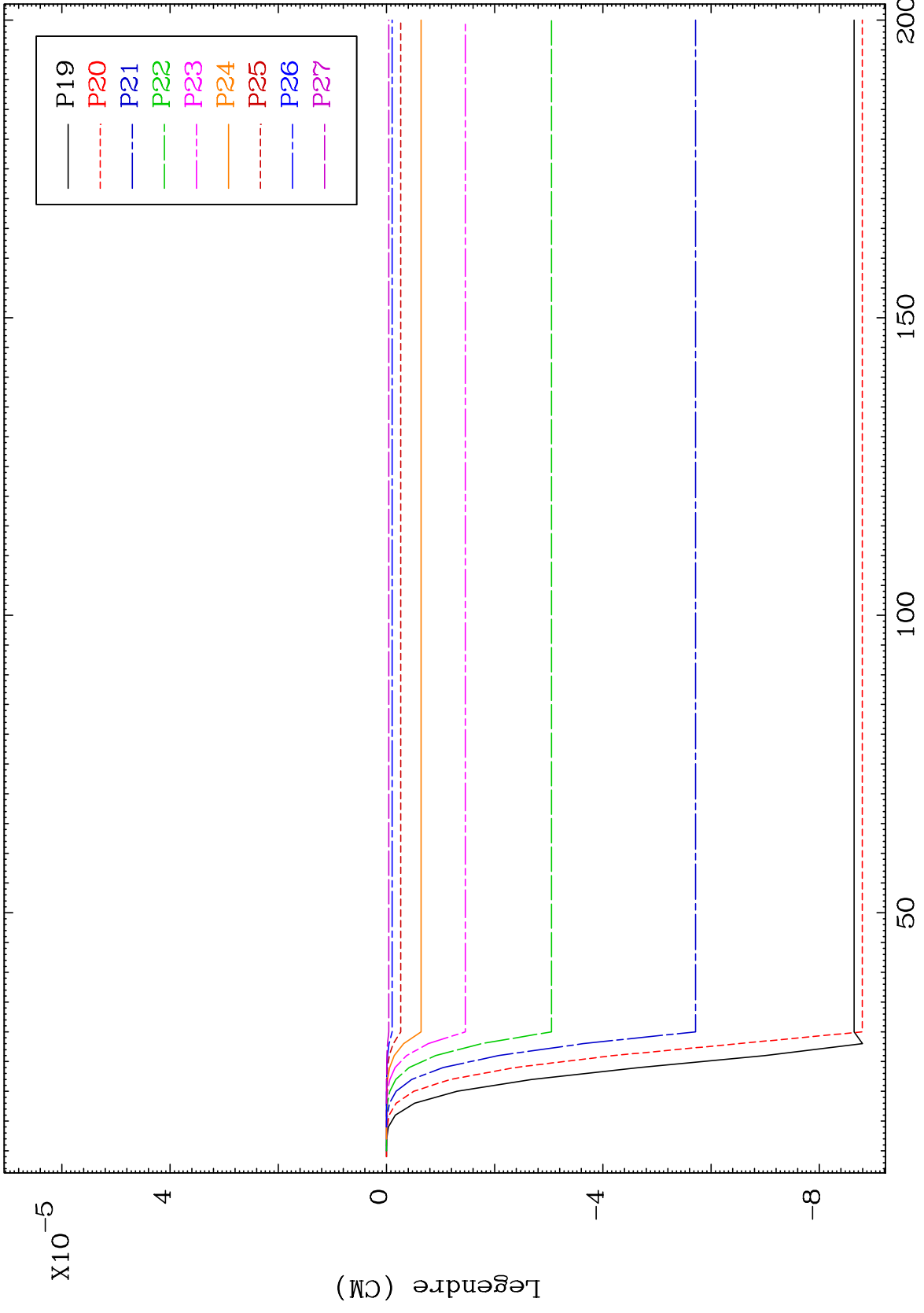
41-Nb-91



MAT 4119

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

41-Nb-91

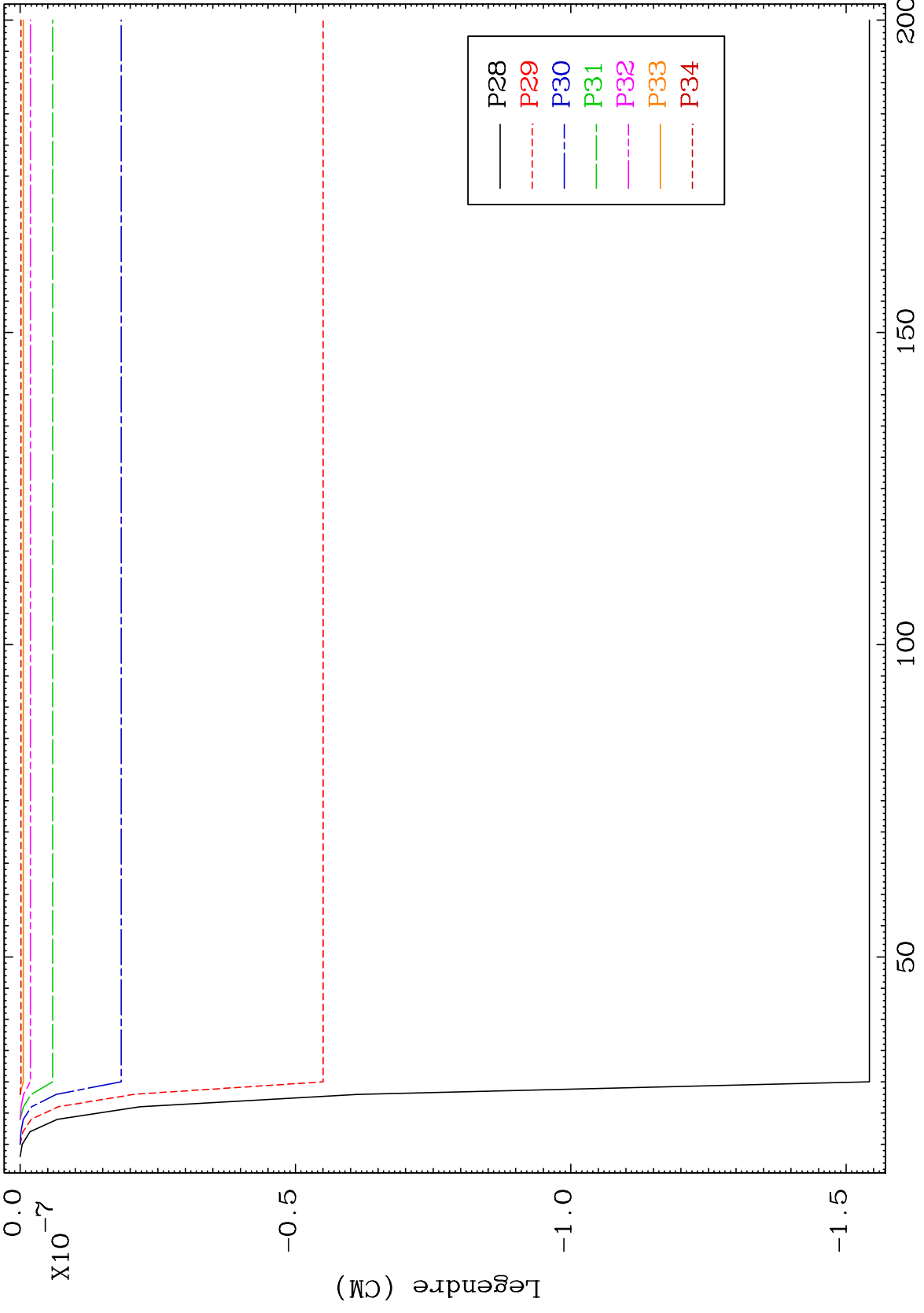


60

Incident Energy (MeV)

41-Nb-91

MAT 4119 MT= 63 (n,n') Level Legendre Coefficients 41-Nb-91

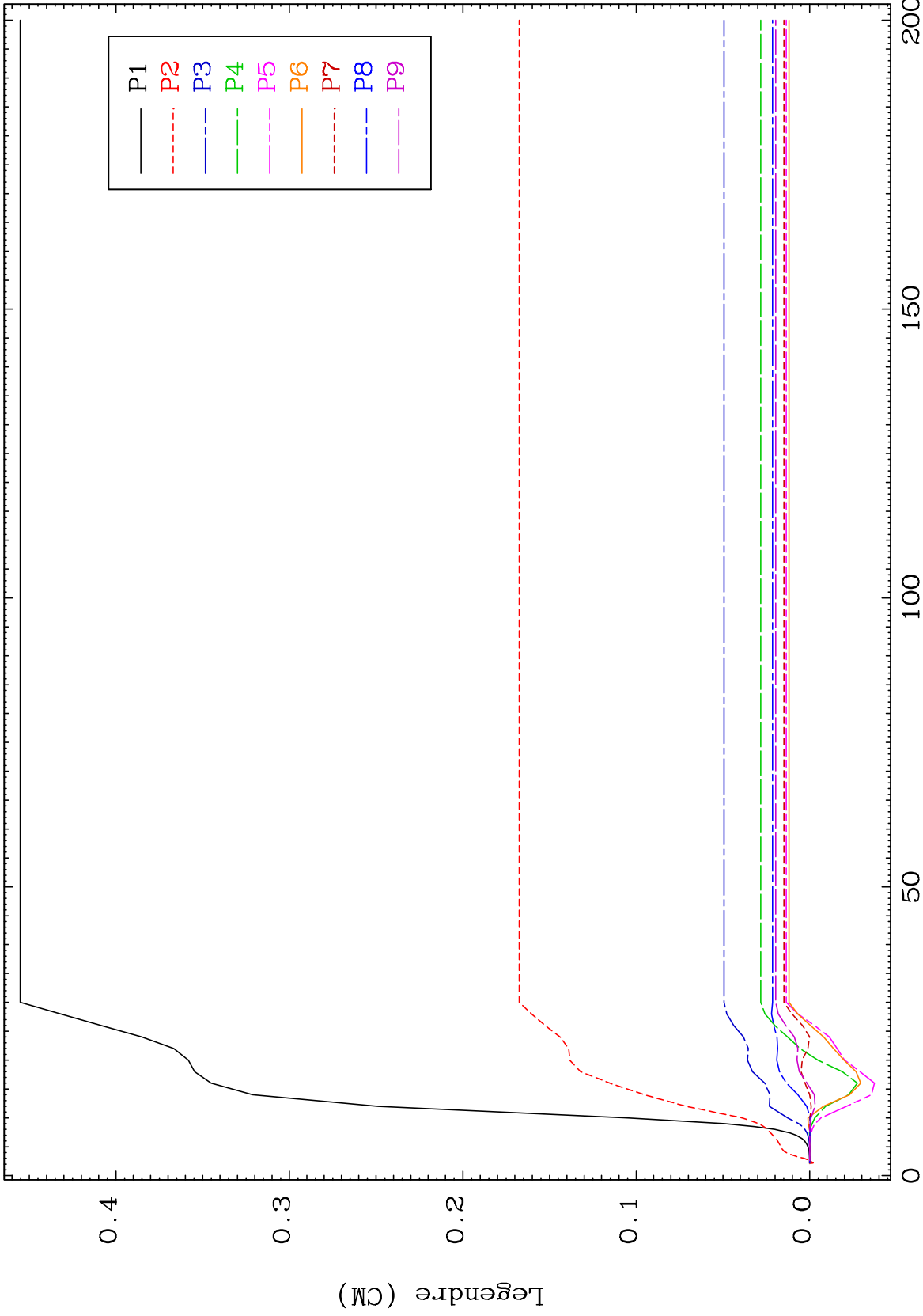


61 41-Nb-91

MAT 4119

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

41-Nb-91



62

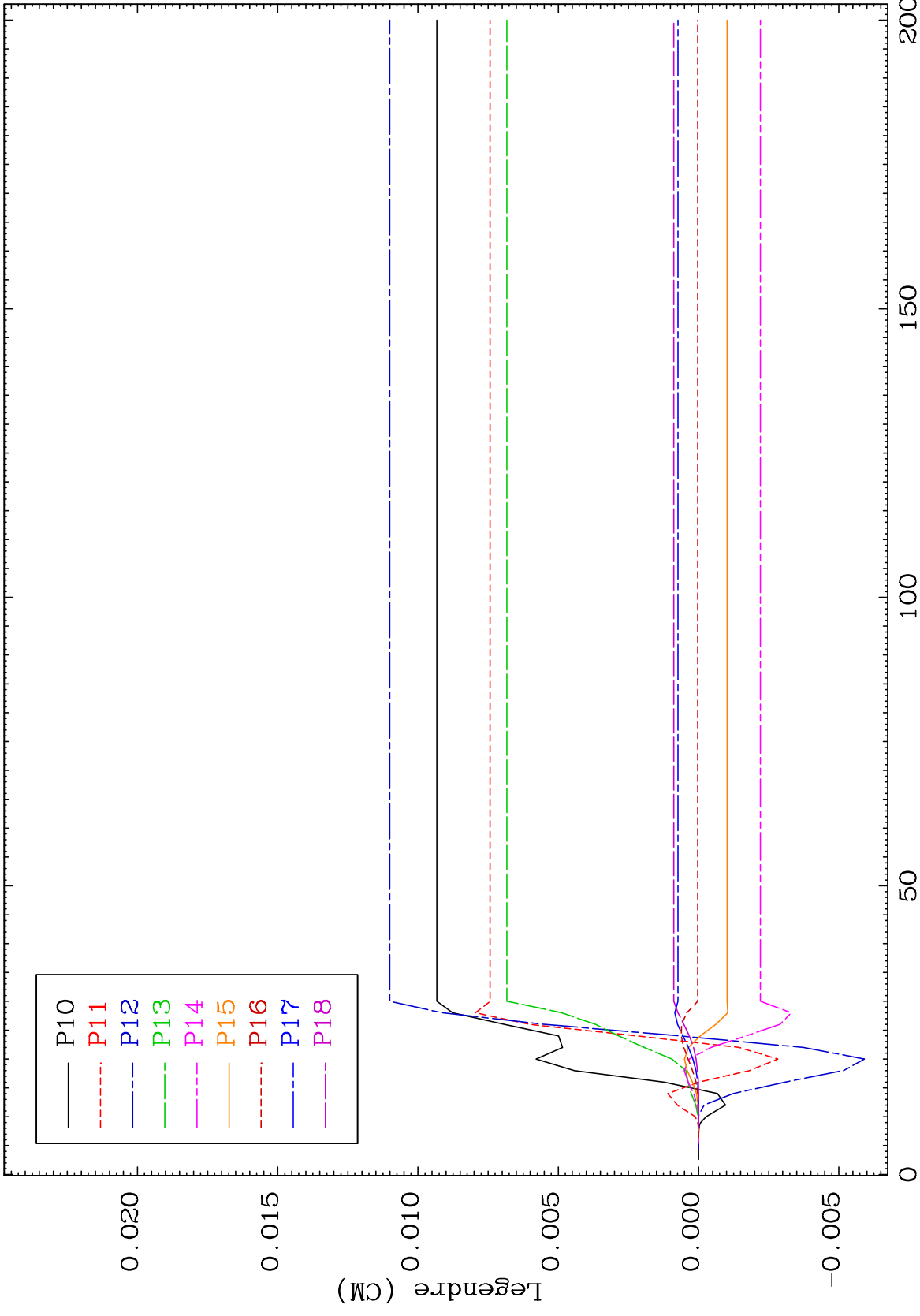
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



63

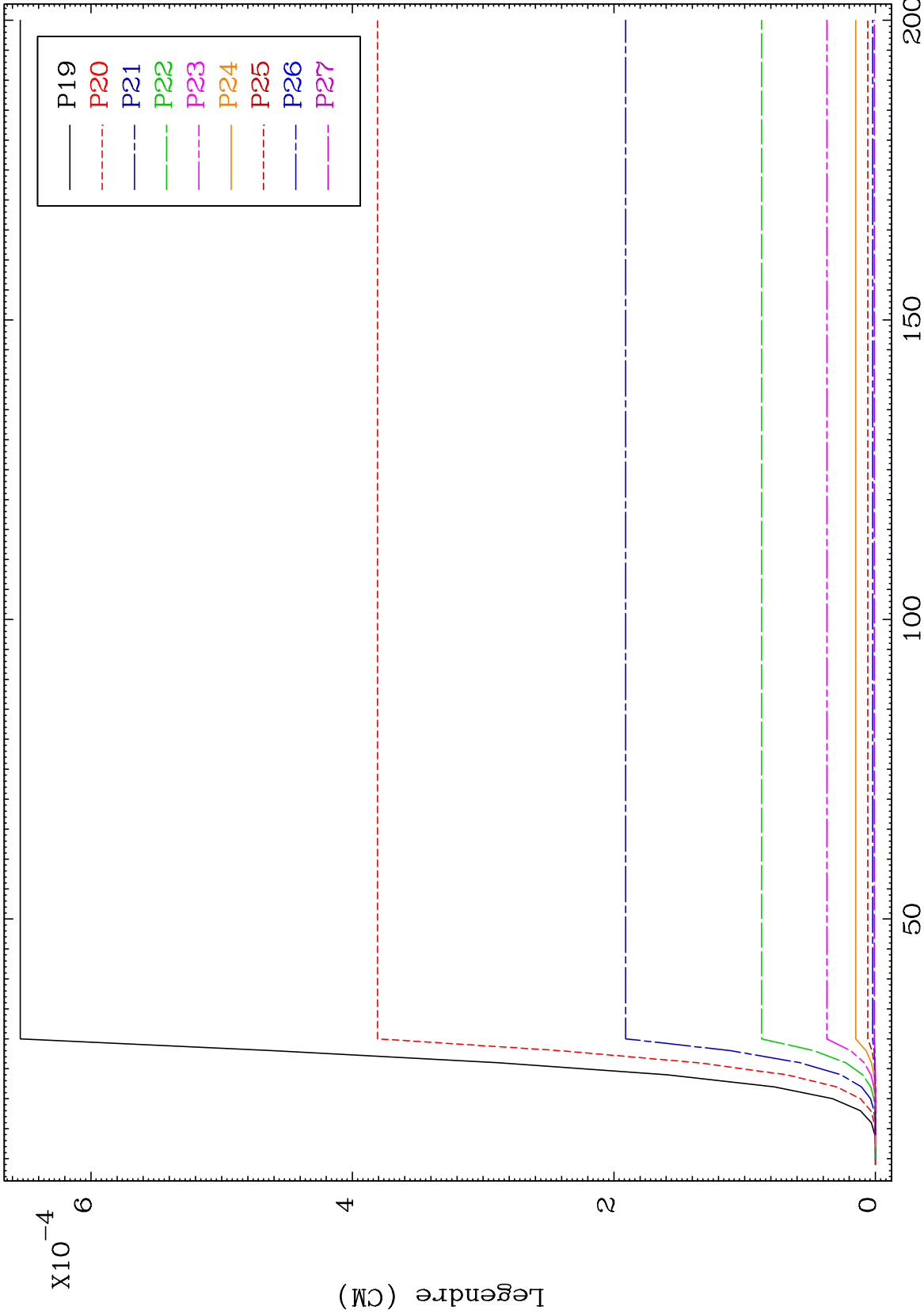
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



64

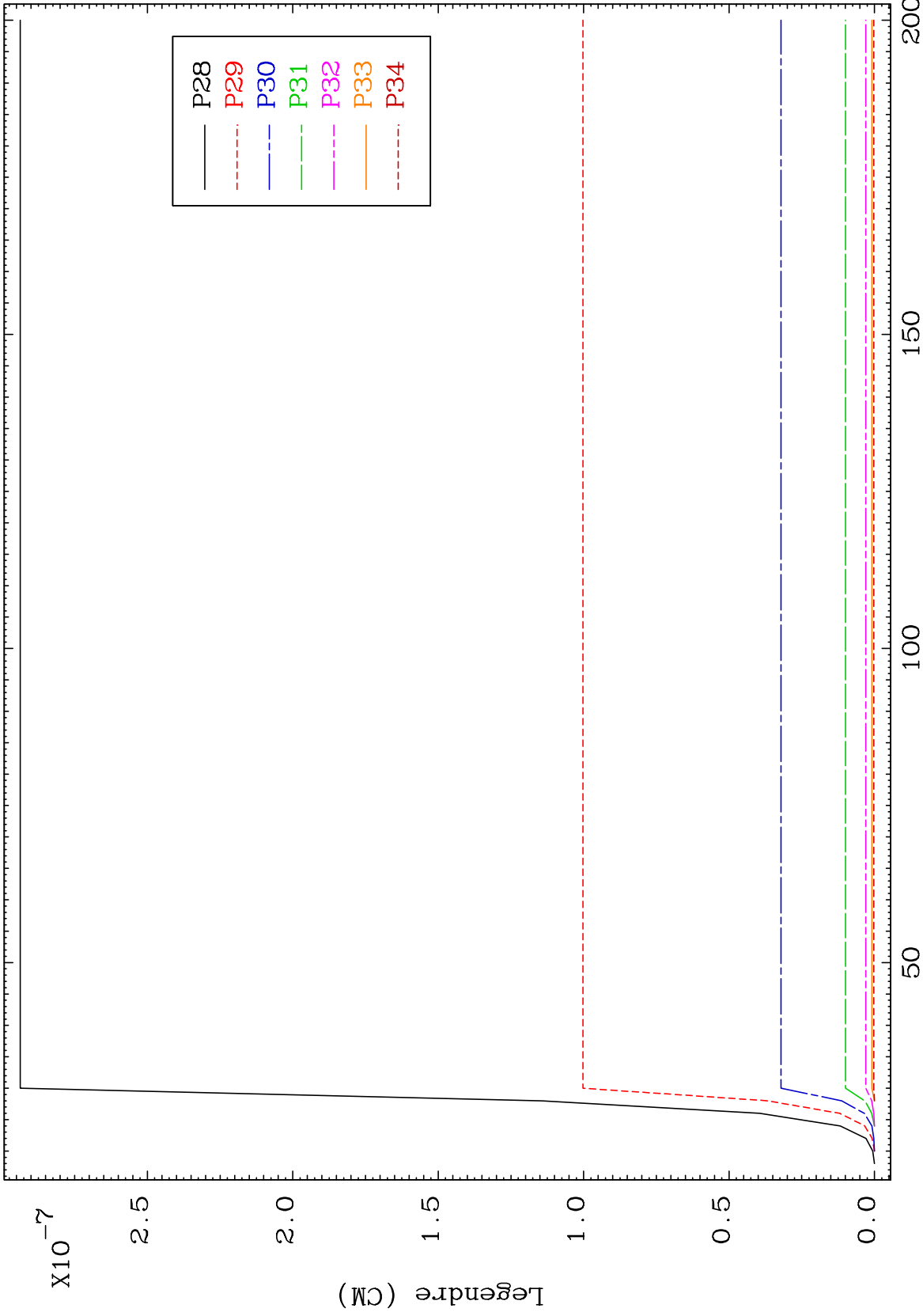
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



65

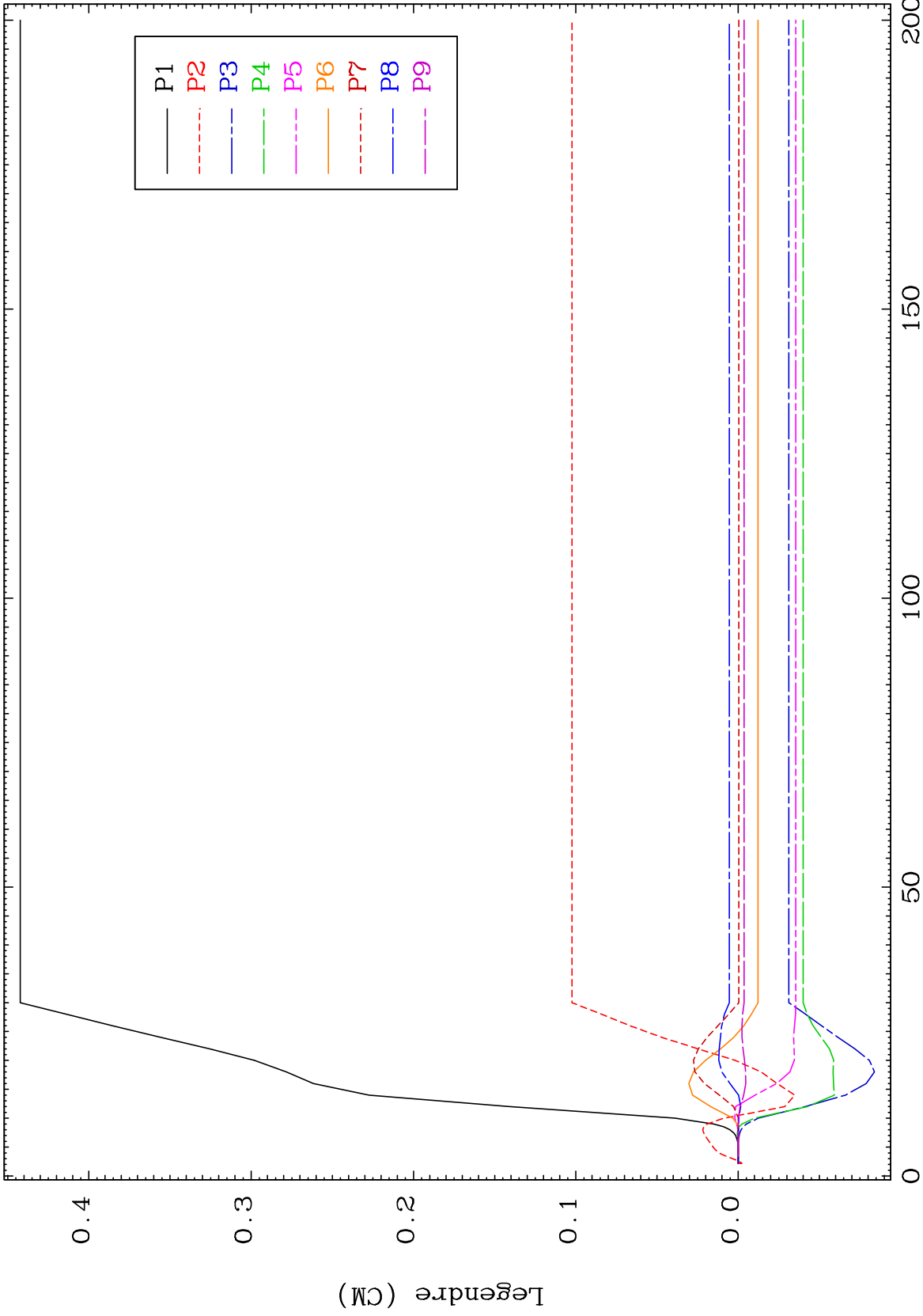
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

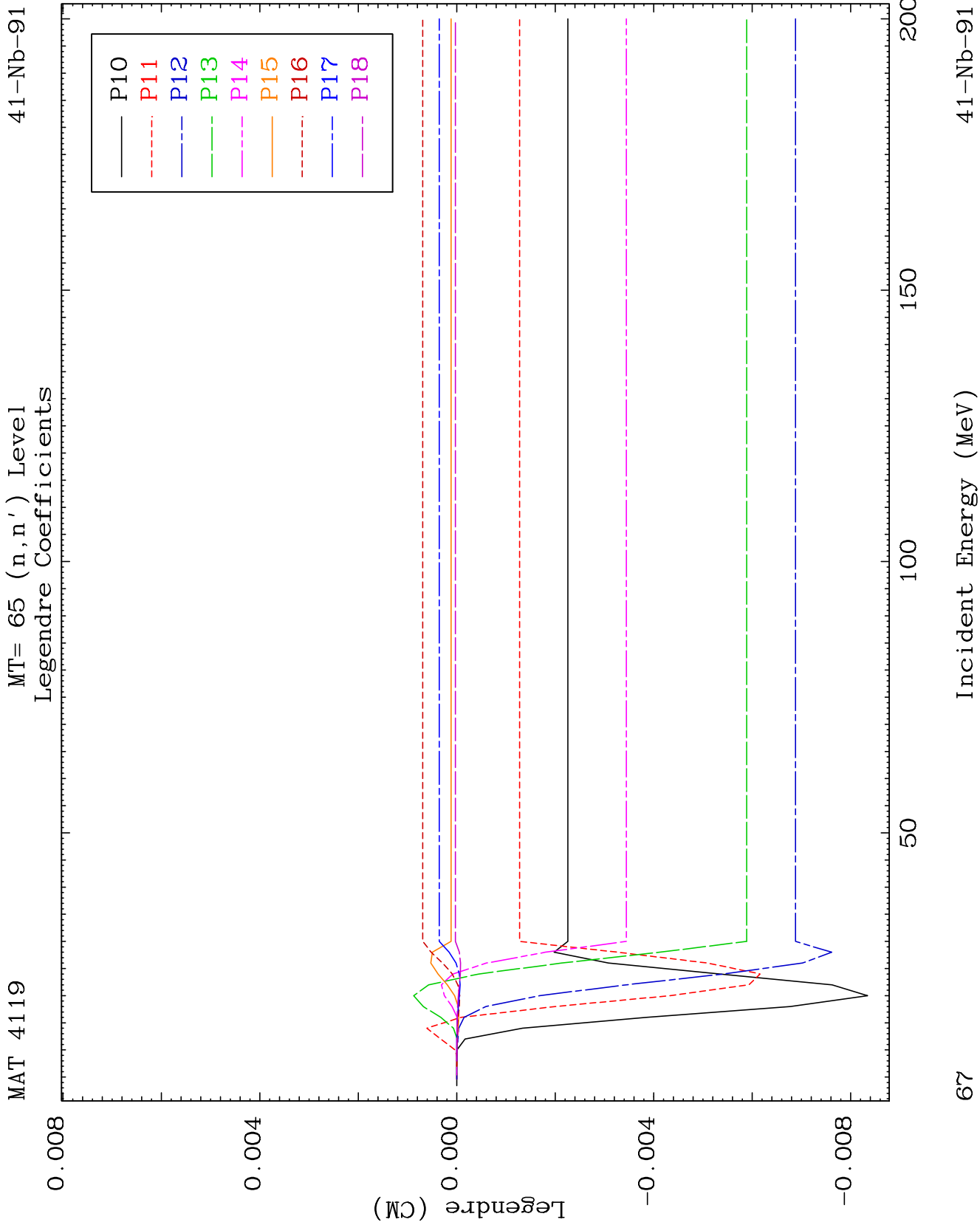
41-Nb-91



66

Incident Energy (MeV)

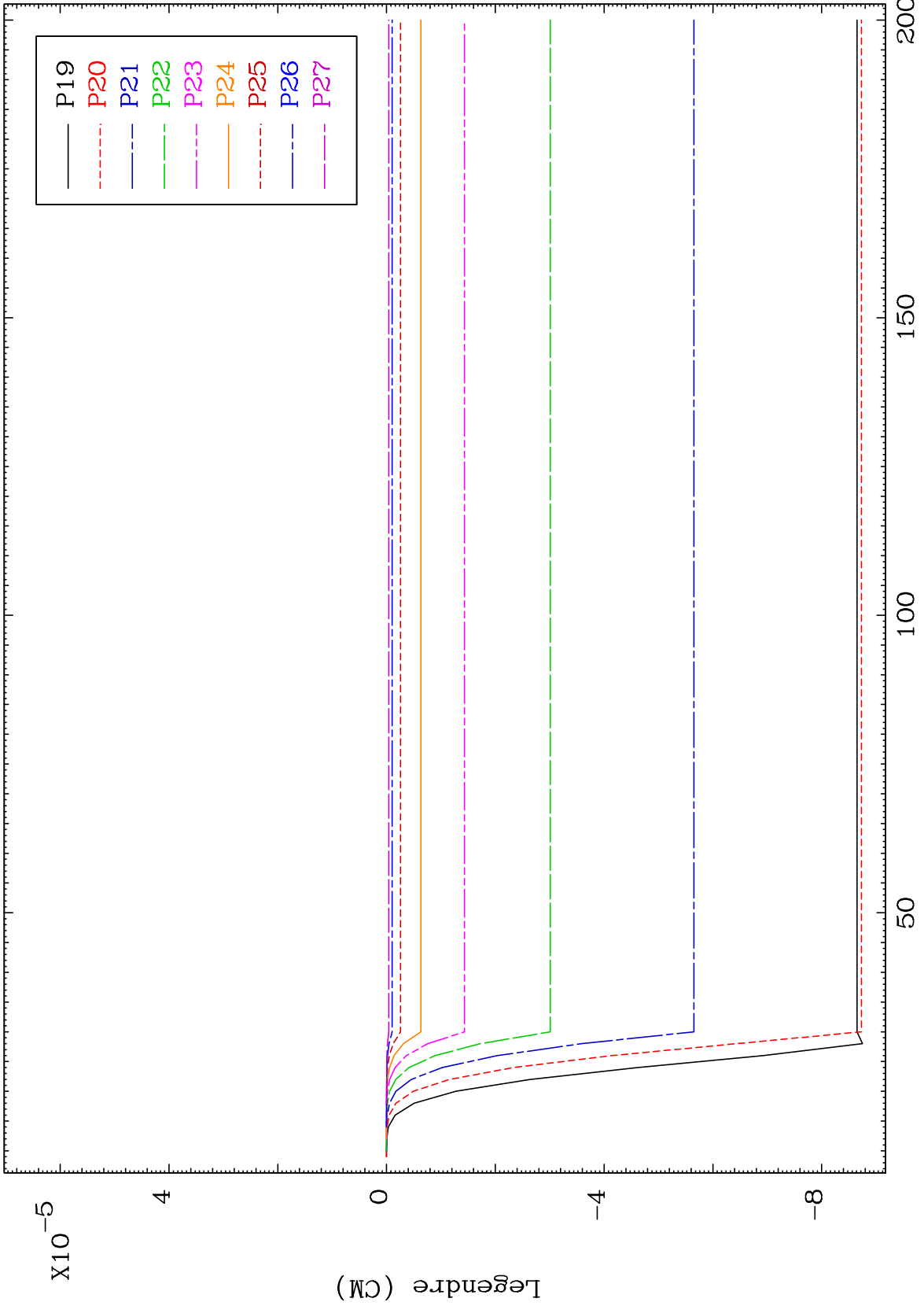
41-Nb-91



MAT 4119

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

41-Nb-91

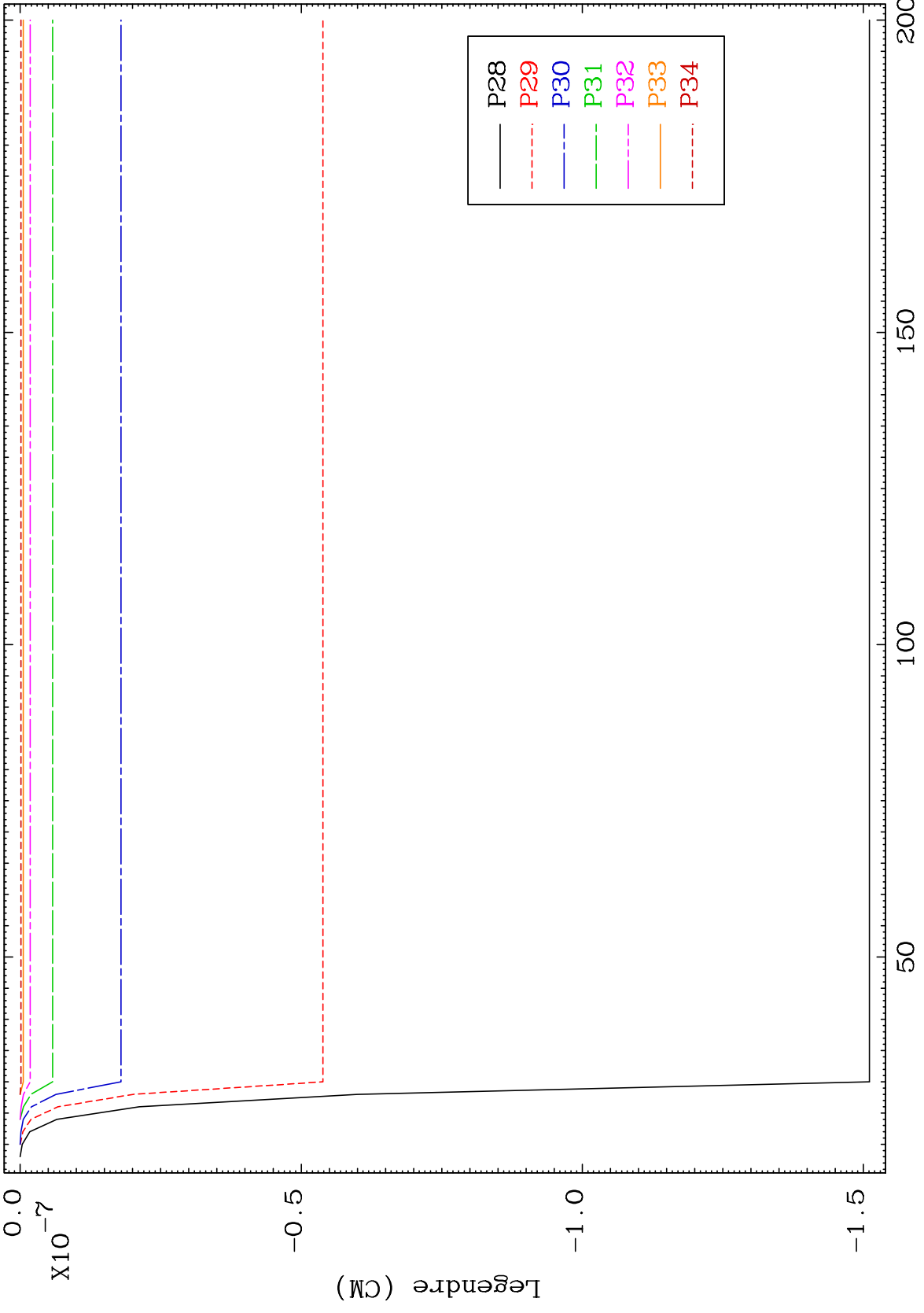


68

Incident Energy (MeV)

41-Nb-91

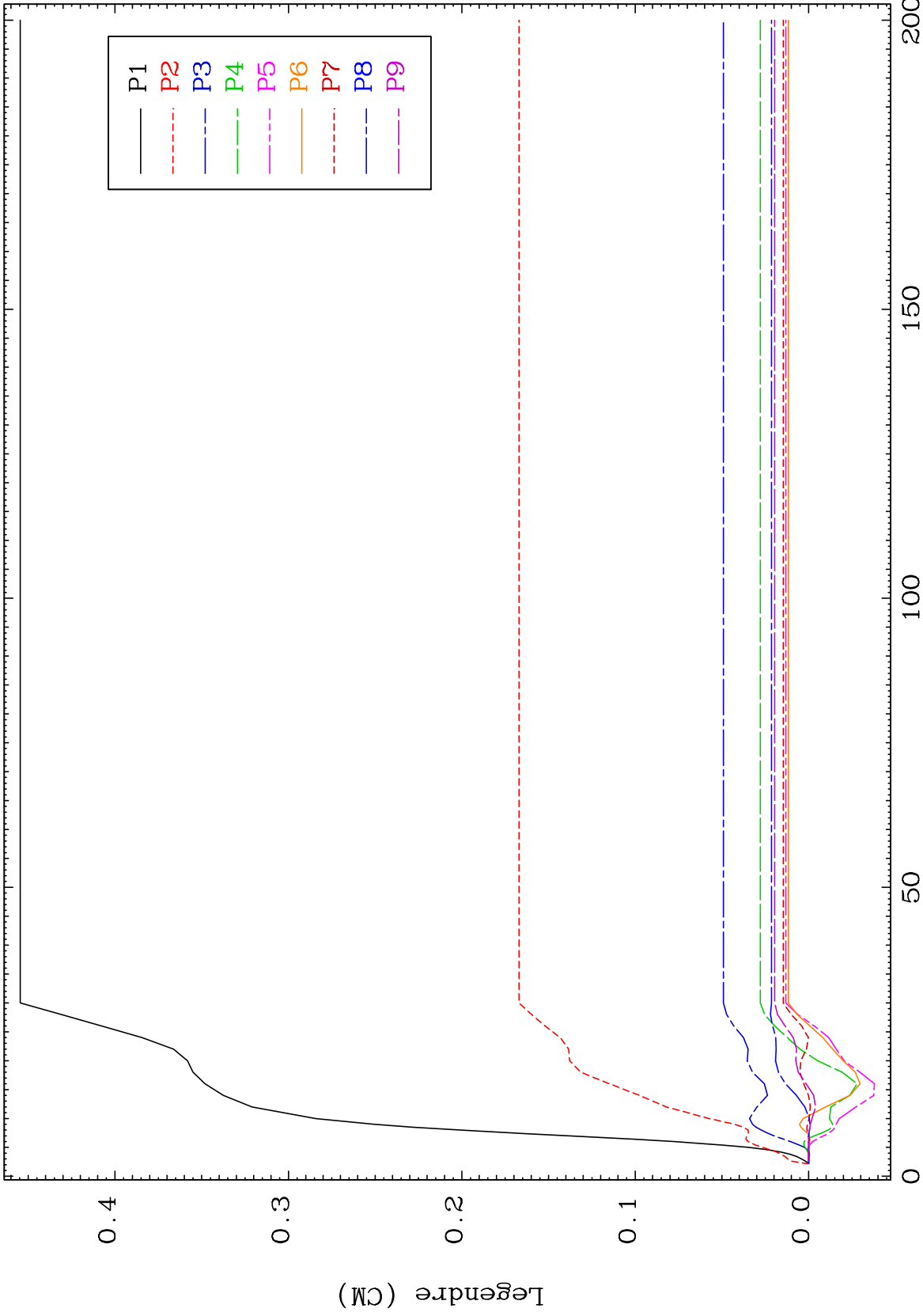
MAT 4119 MT= 65 (n,n') Level Legendre Coefficients 41-Nb-91



MAT 4119

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

41-Nb-91



41-Nb-91

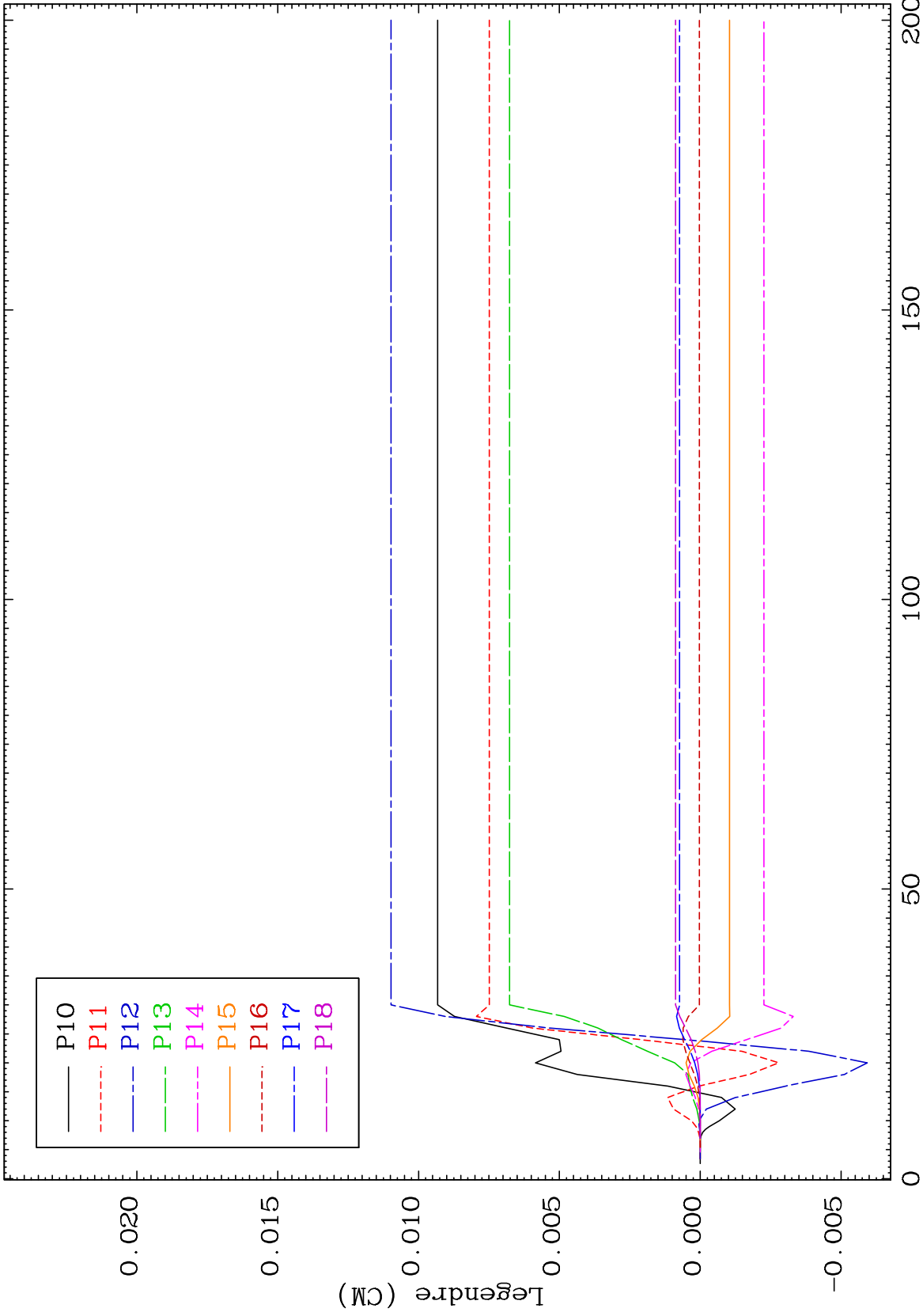
Incident Energy (MeV)

70

MAT 4119

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

41-Nb-91



71

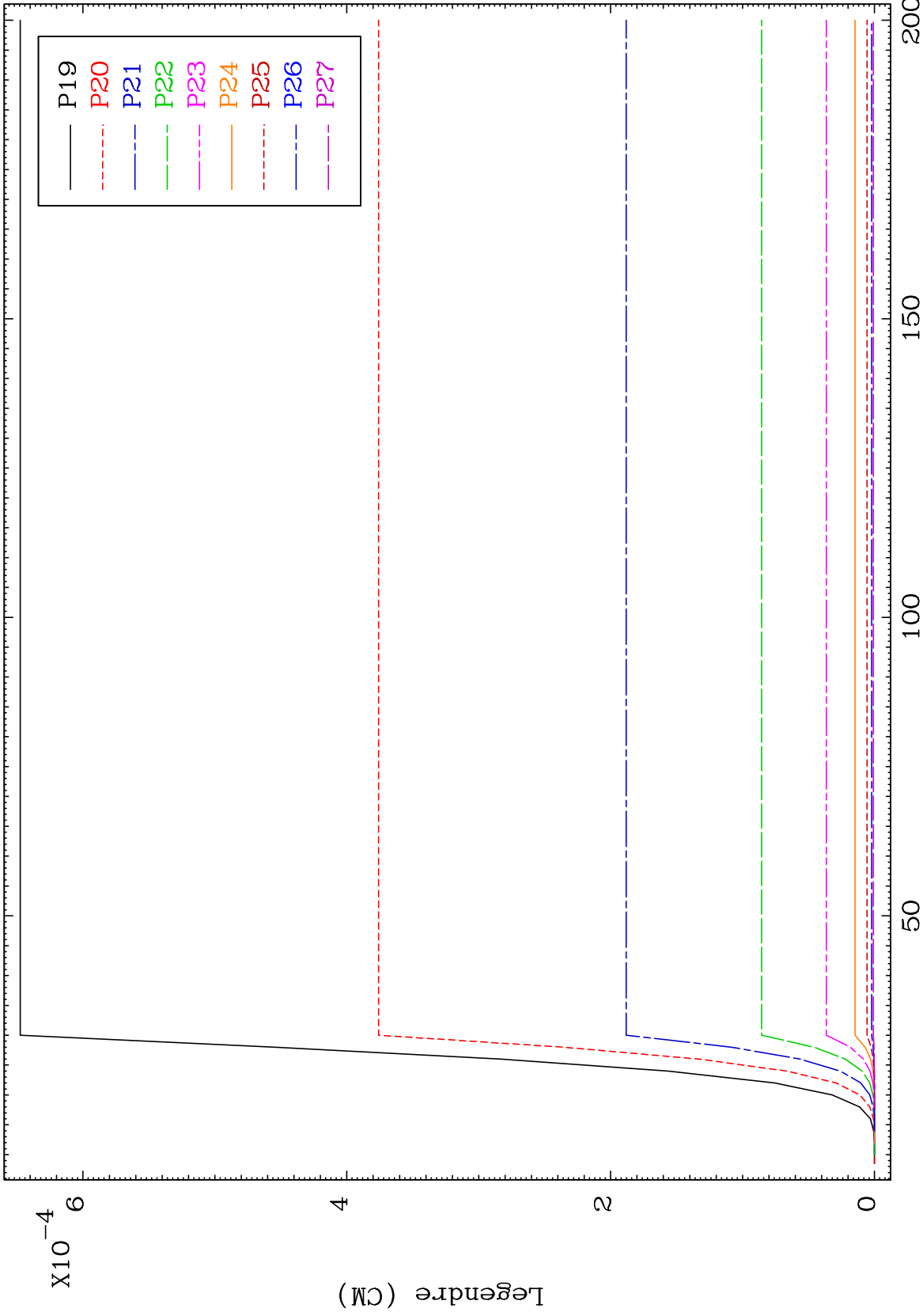
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



72

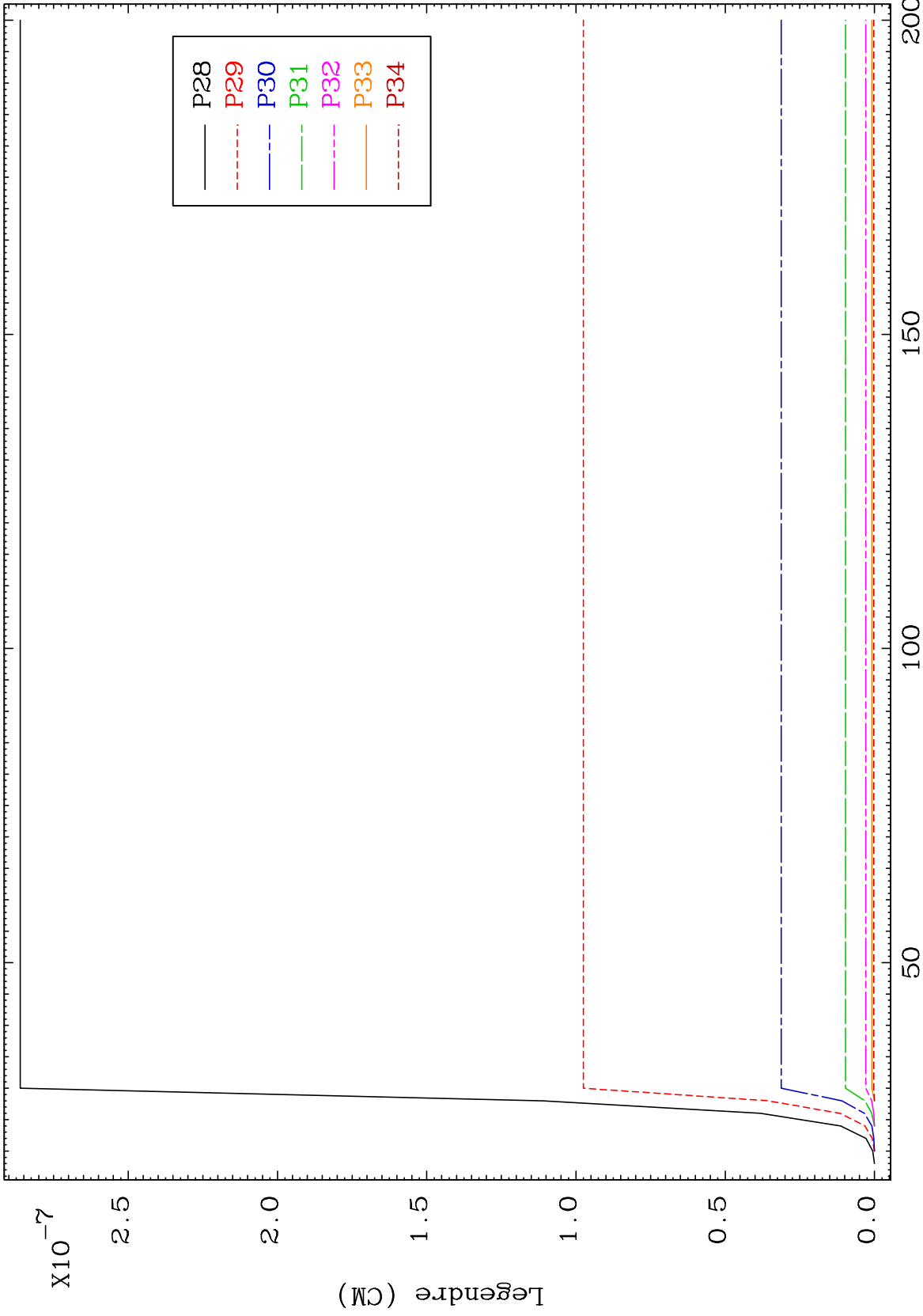
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

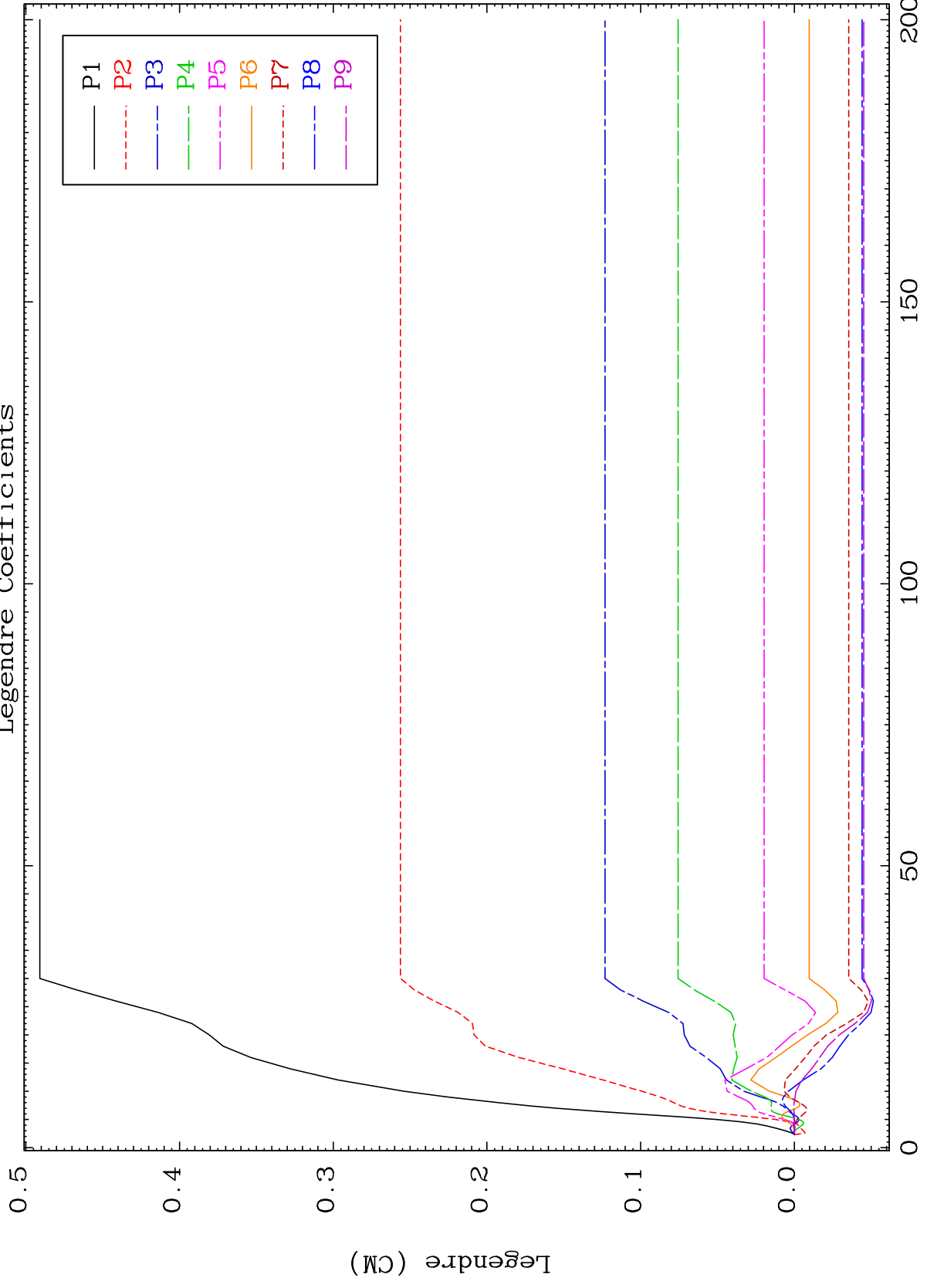
41-Nb-91



73

41-Nb-91

MAT 4119 MT= 67 (n,n') Level Legendre Coefficients 41-Nb-91

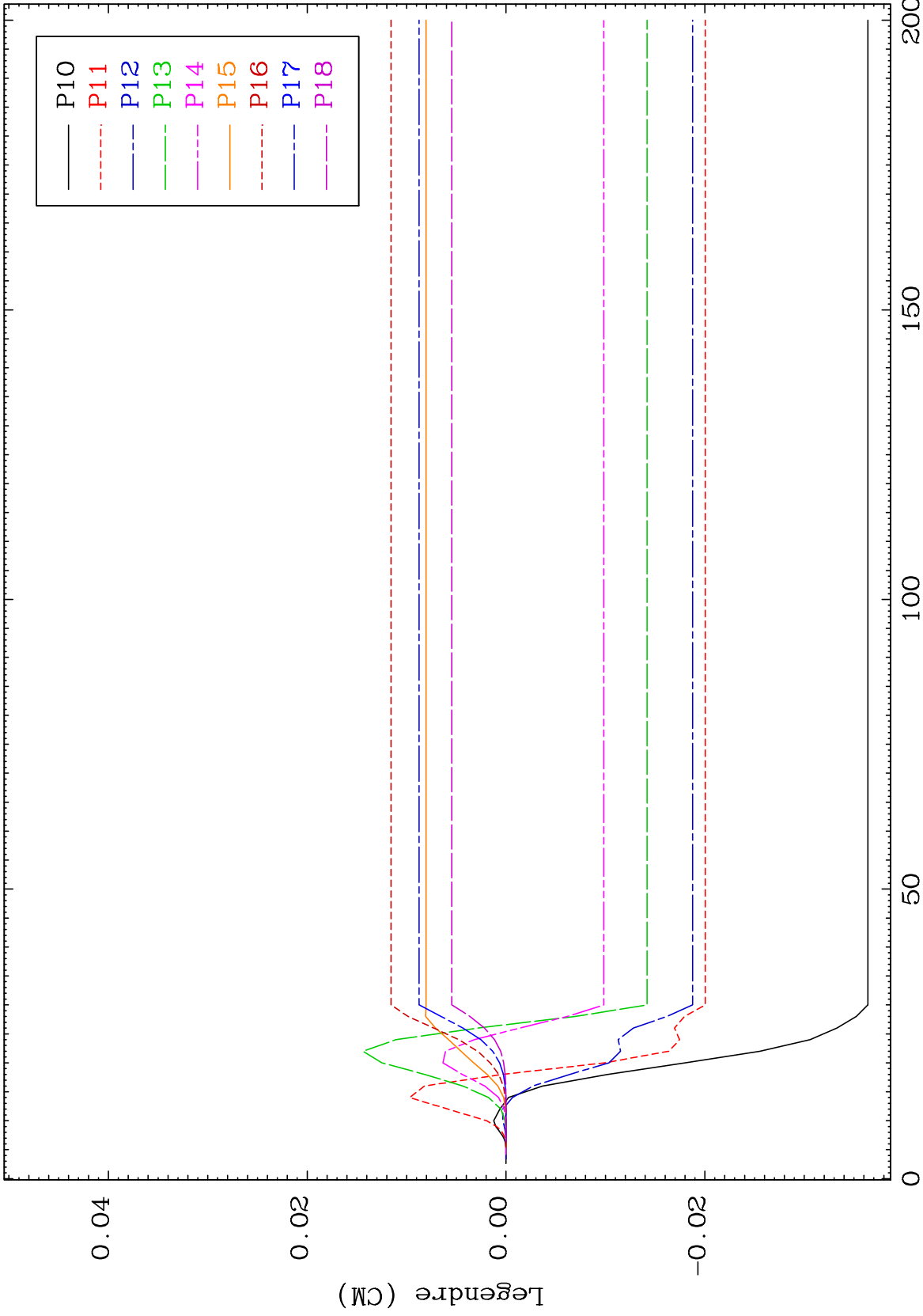


74 41-Nb-91

MAT 4119

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

41-Nb-91



75

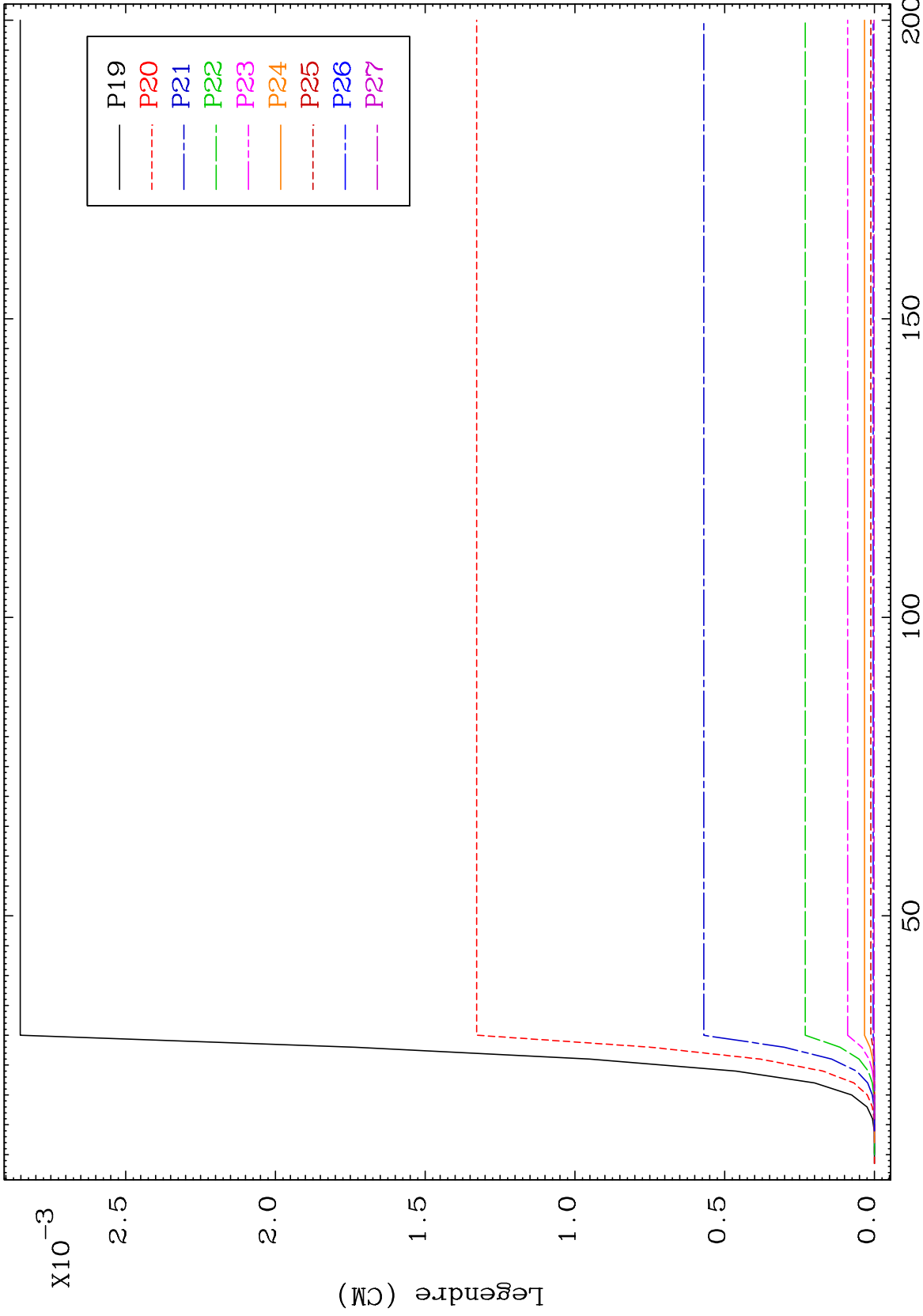
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



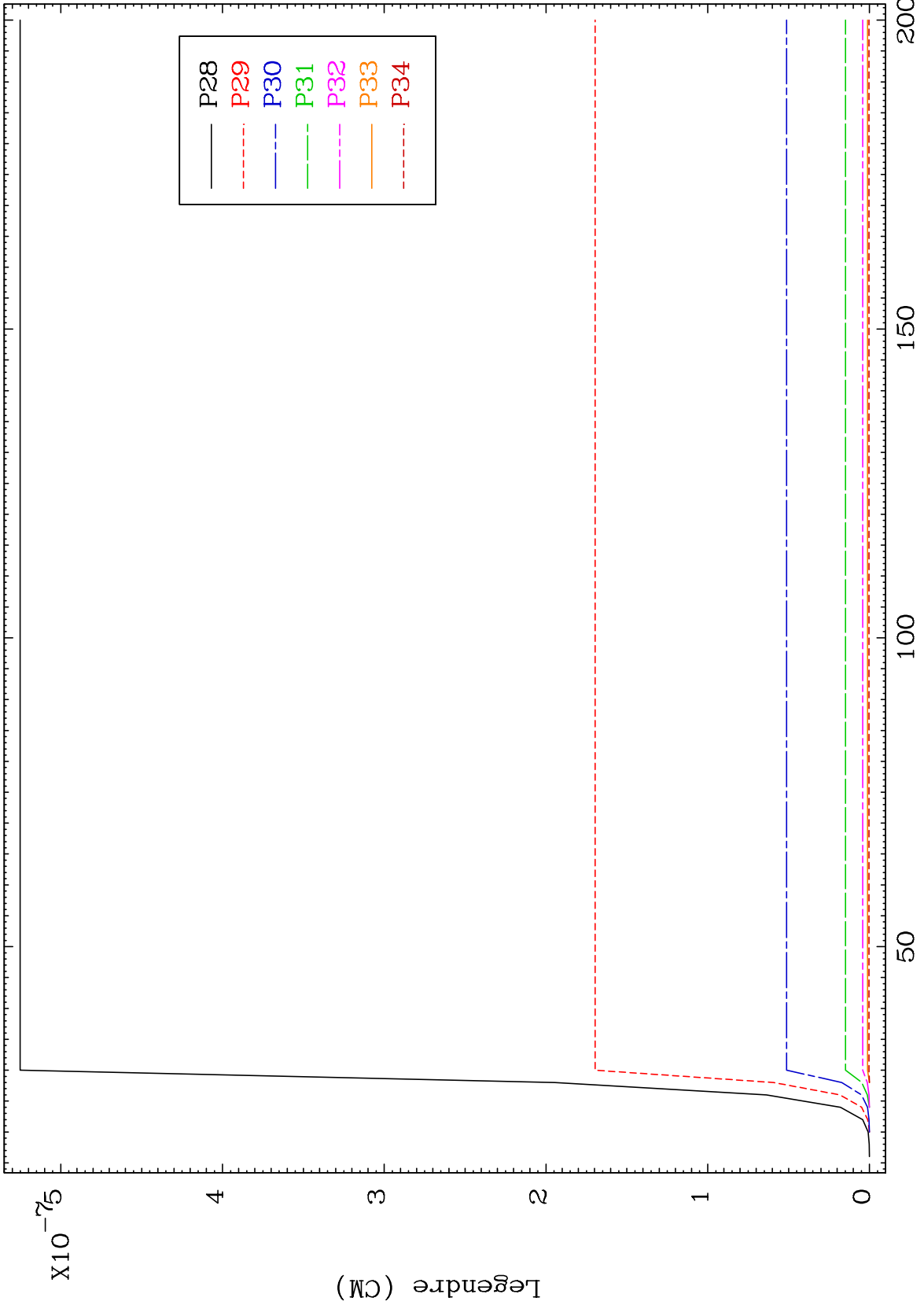
76

41-Nb-91

MAT 4119

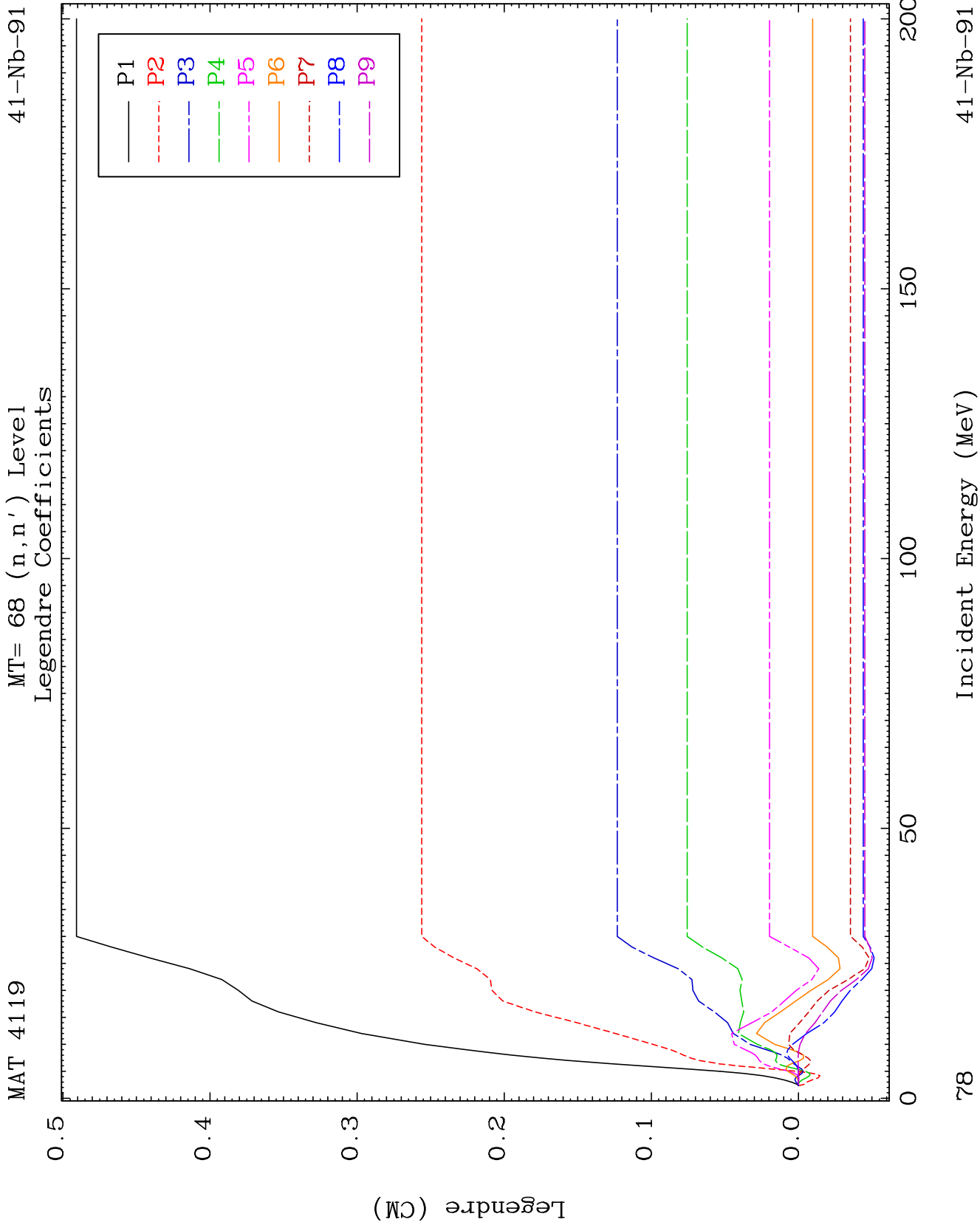
MT= 67 (n,n') Level
Legendre Coefficients

41-Nb-91



77

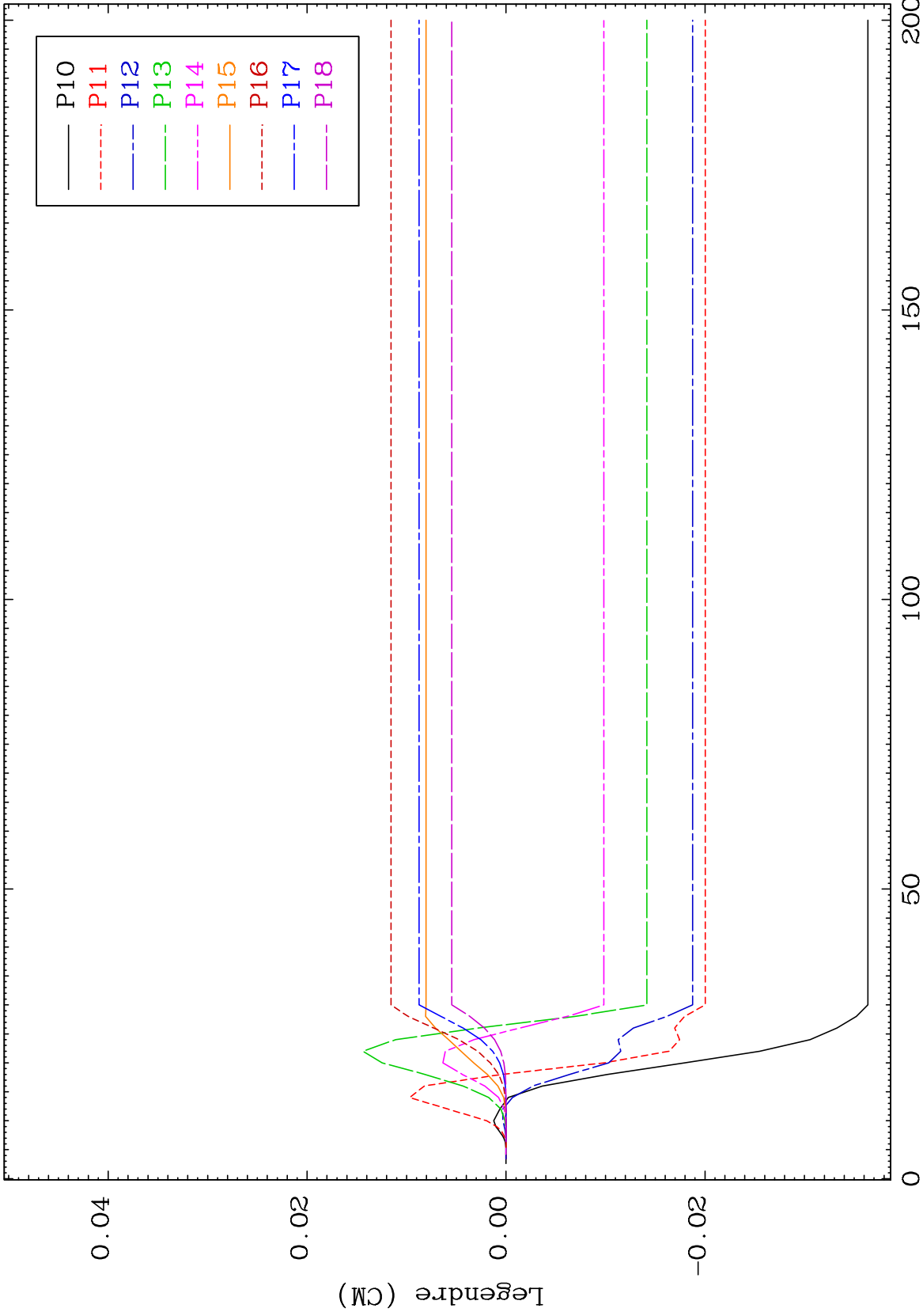
41-Nb-91



MAT 4119

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

41-Nb-91



79

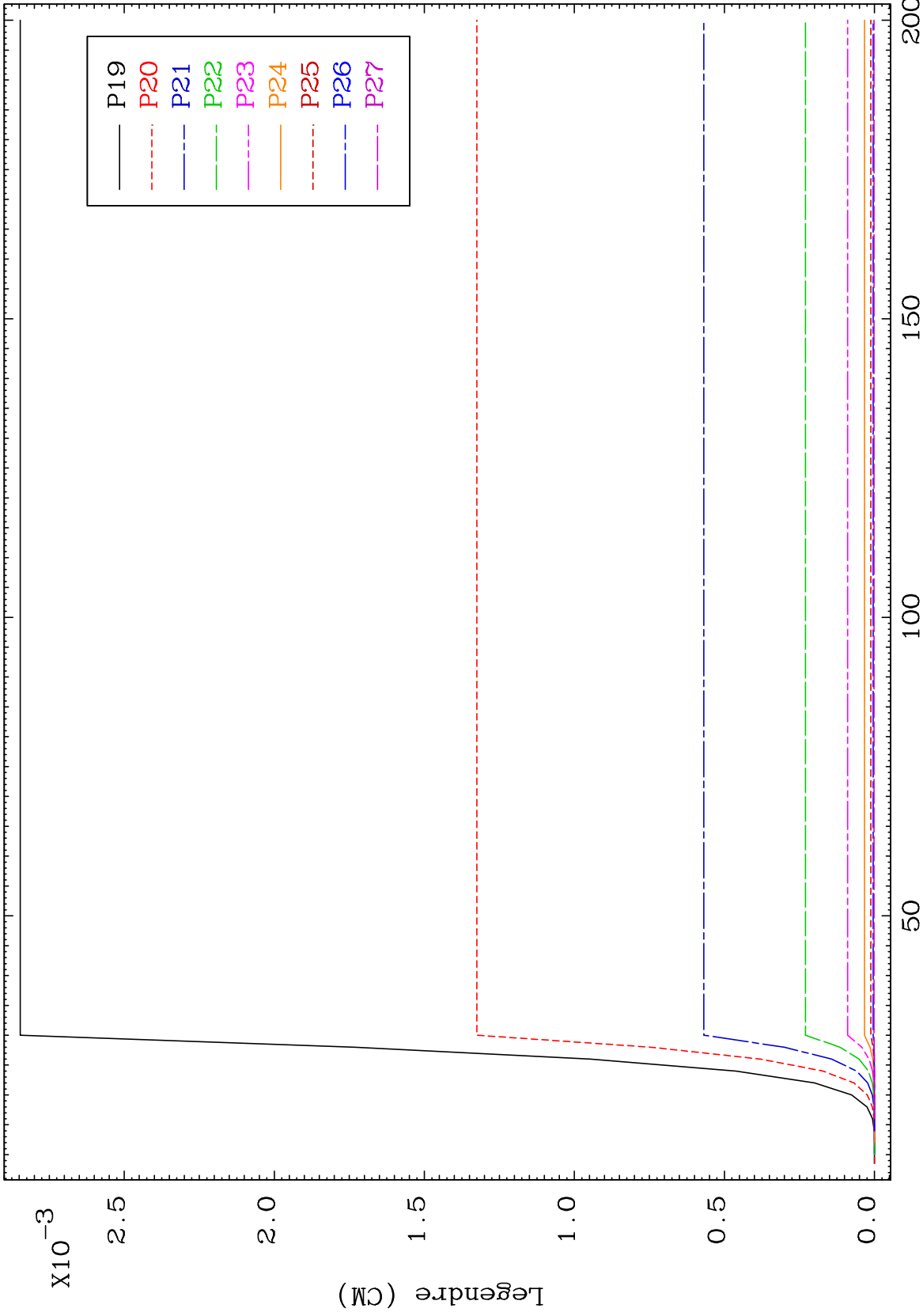
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



80

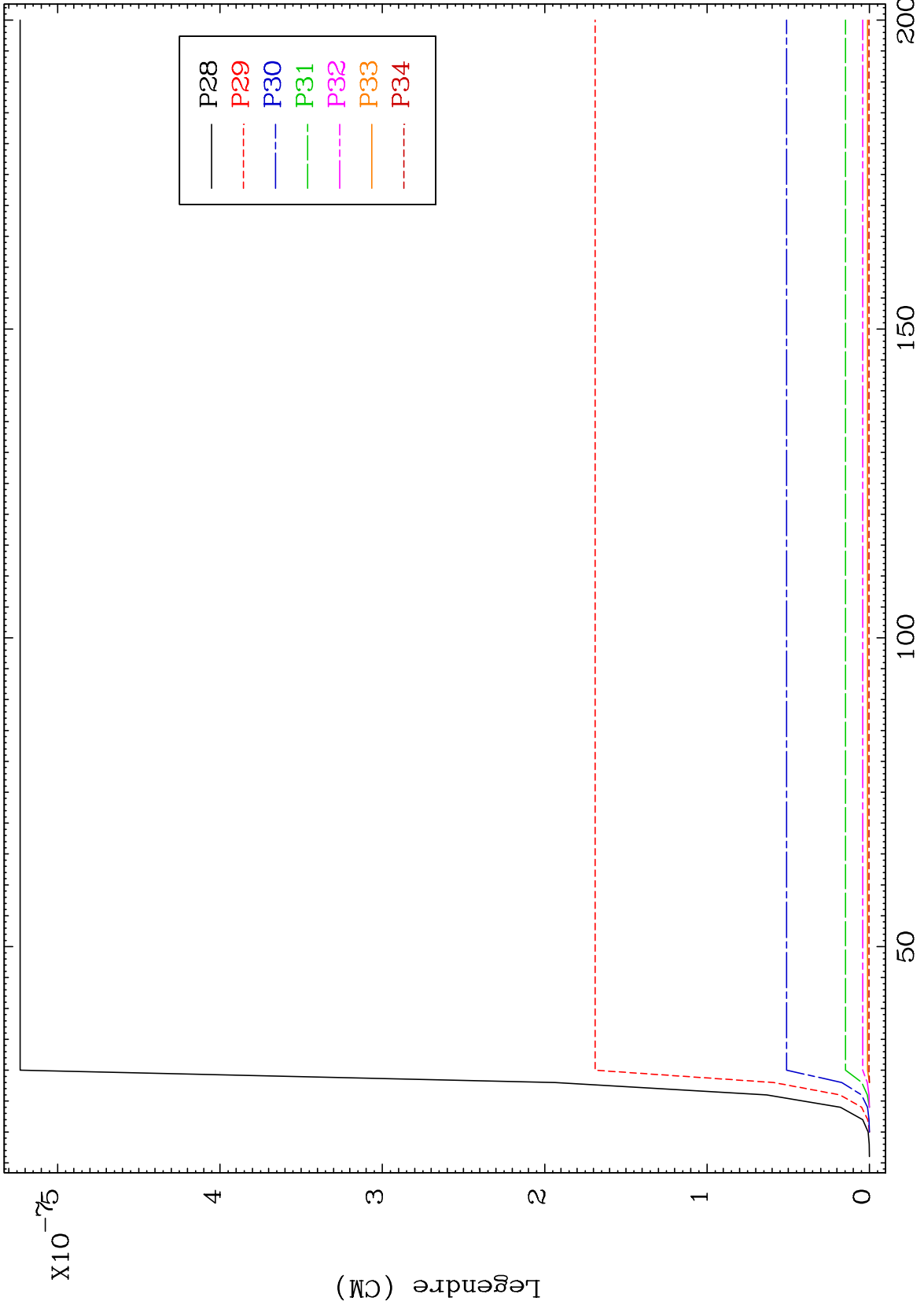
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

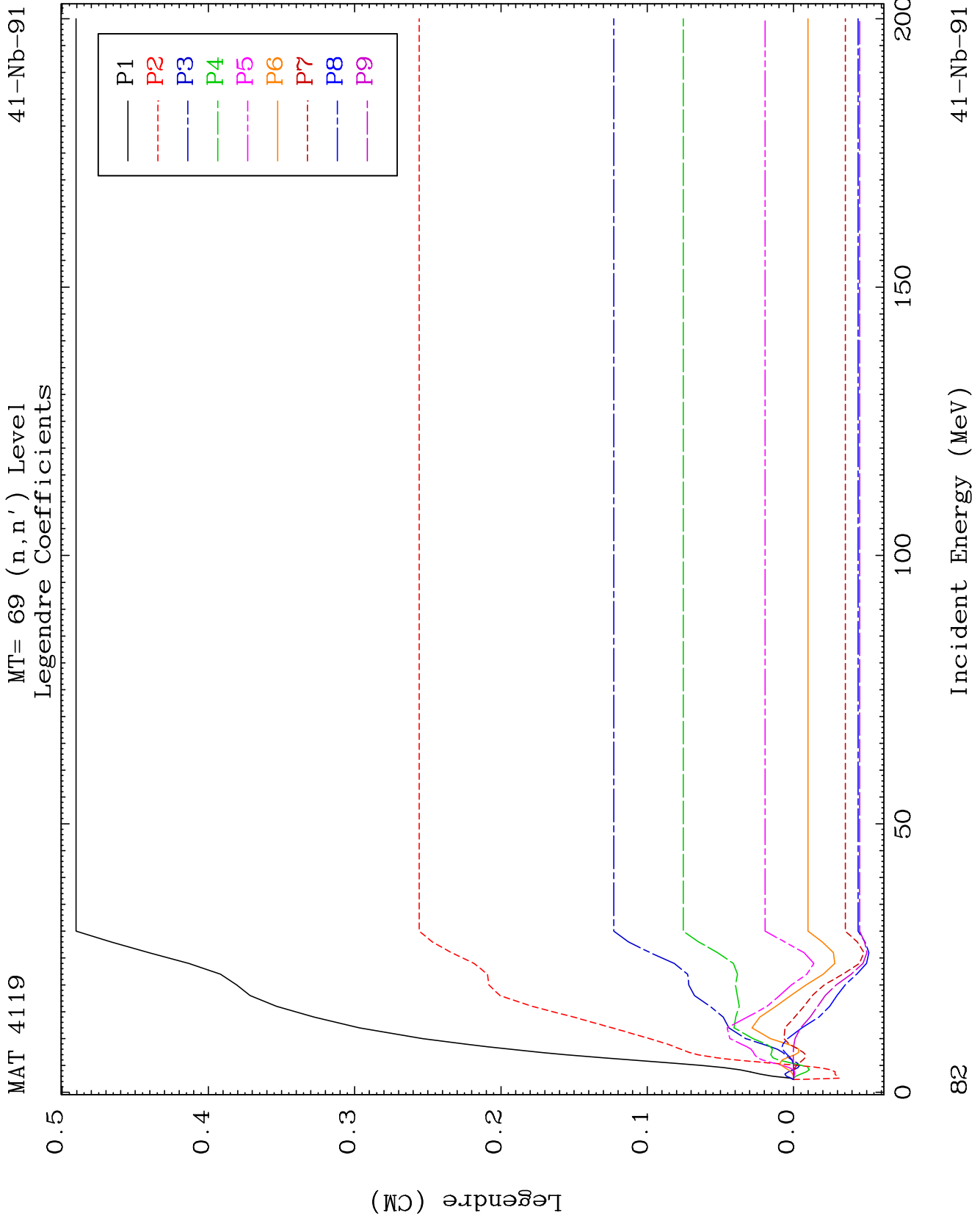
41-Nb-91



81

Incident Energy (MeV)

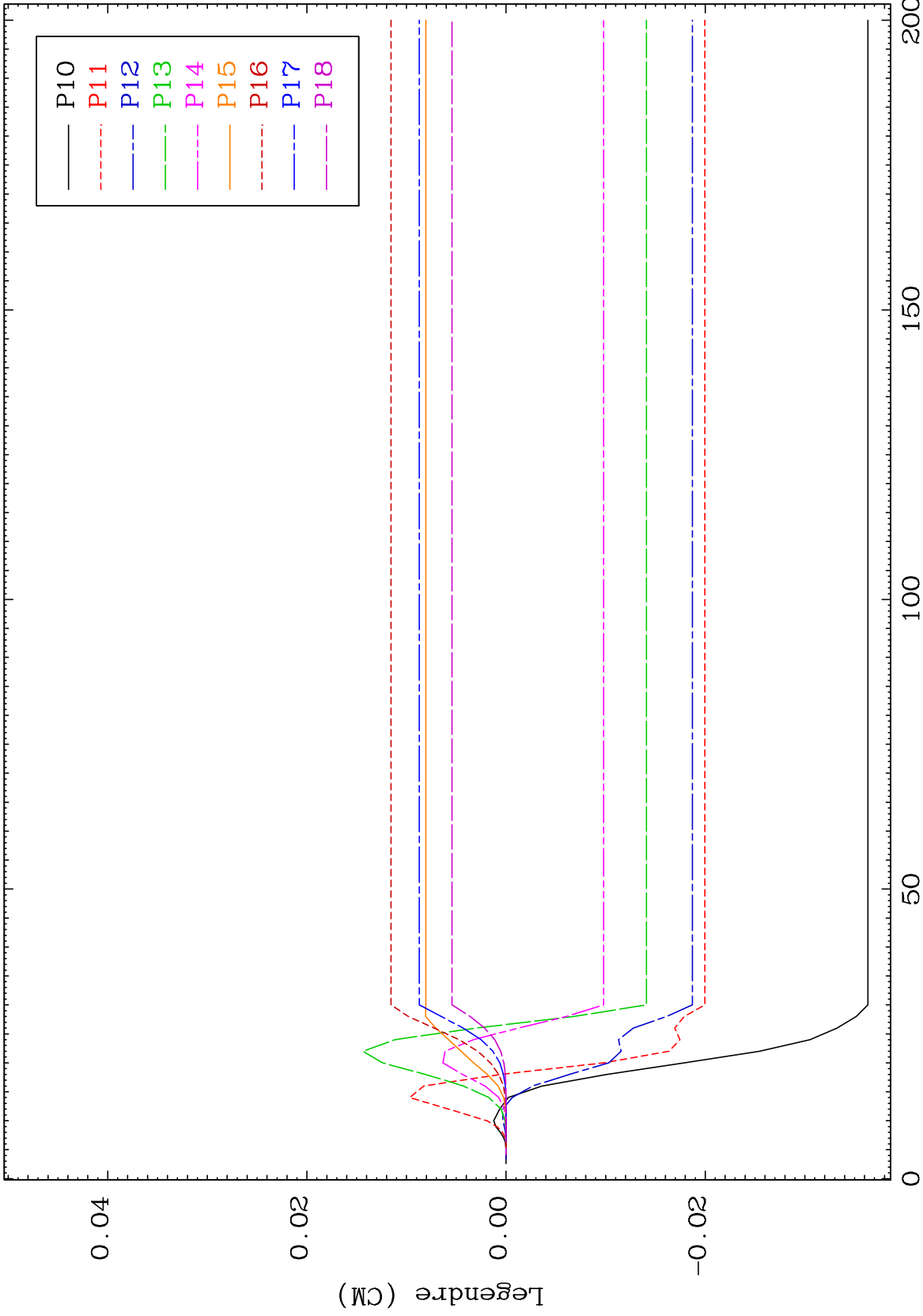
41-Nb-91



MAT 4119

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

41-Nb-91



83

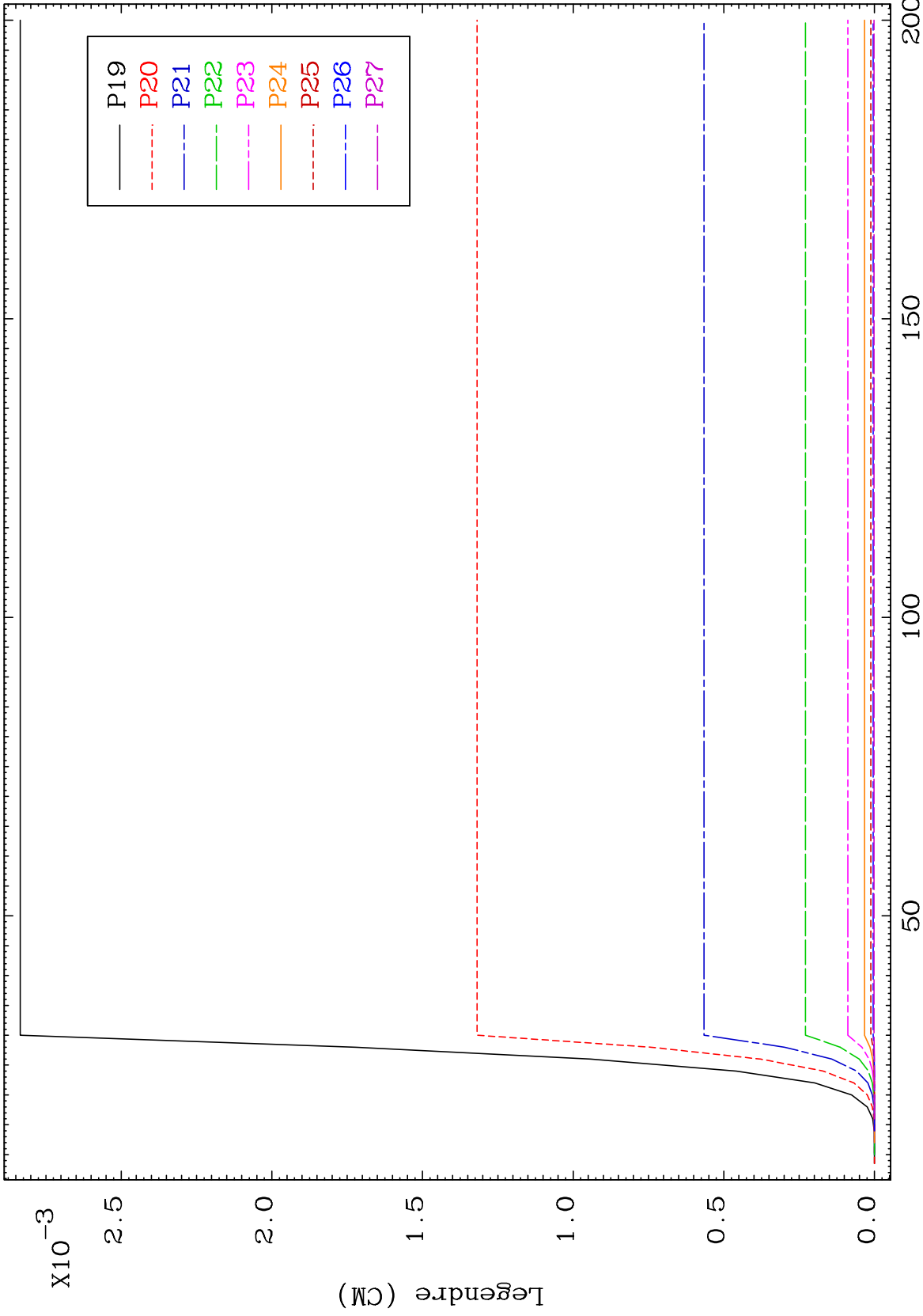
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



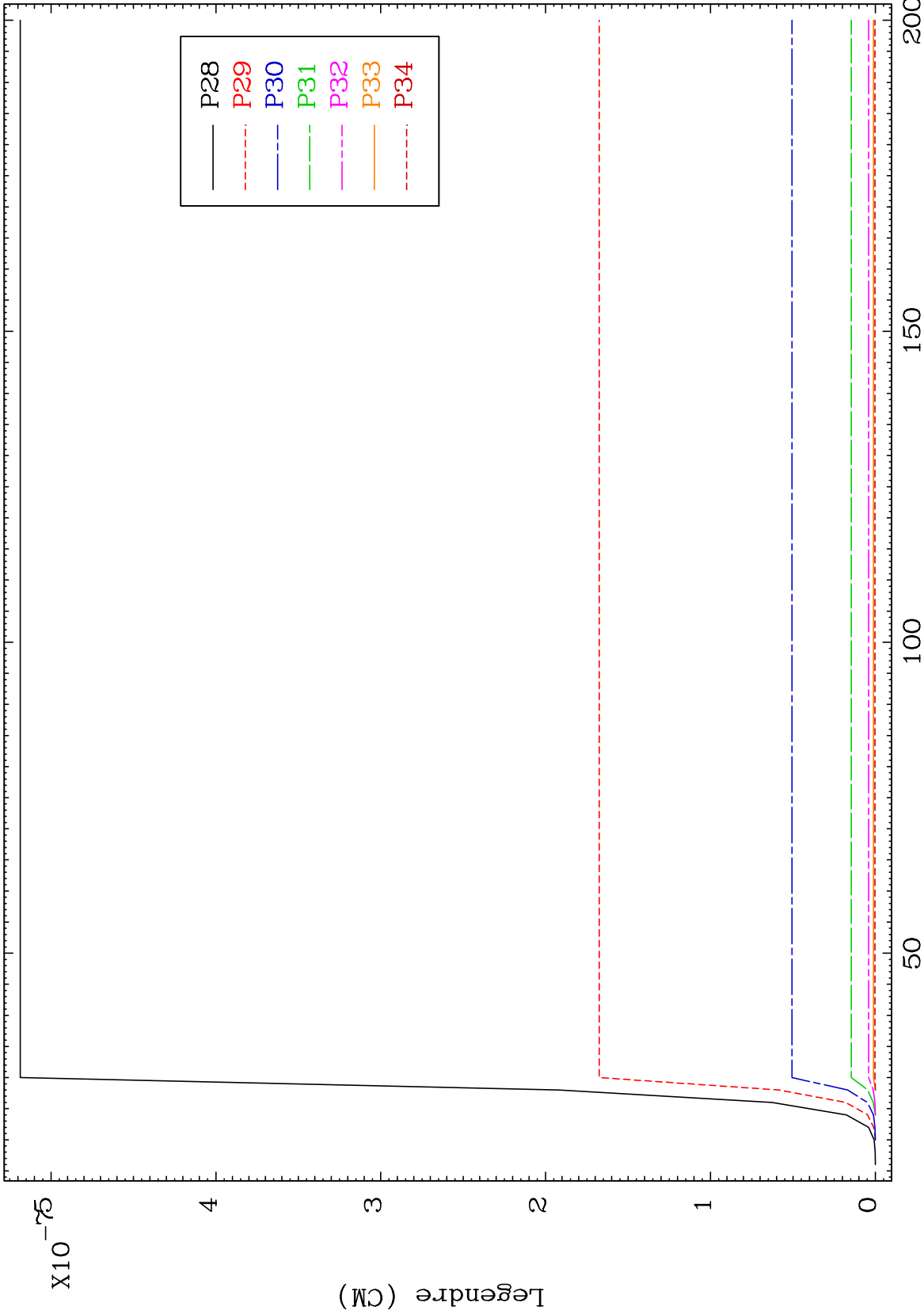
84

41-Nb-91

MAT 4119

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

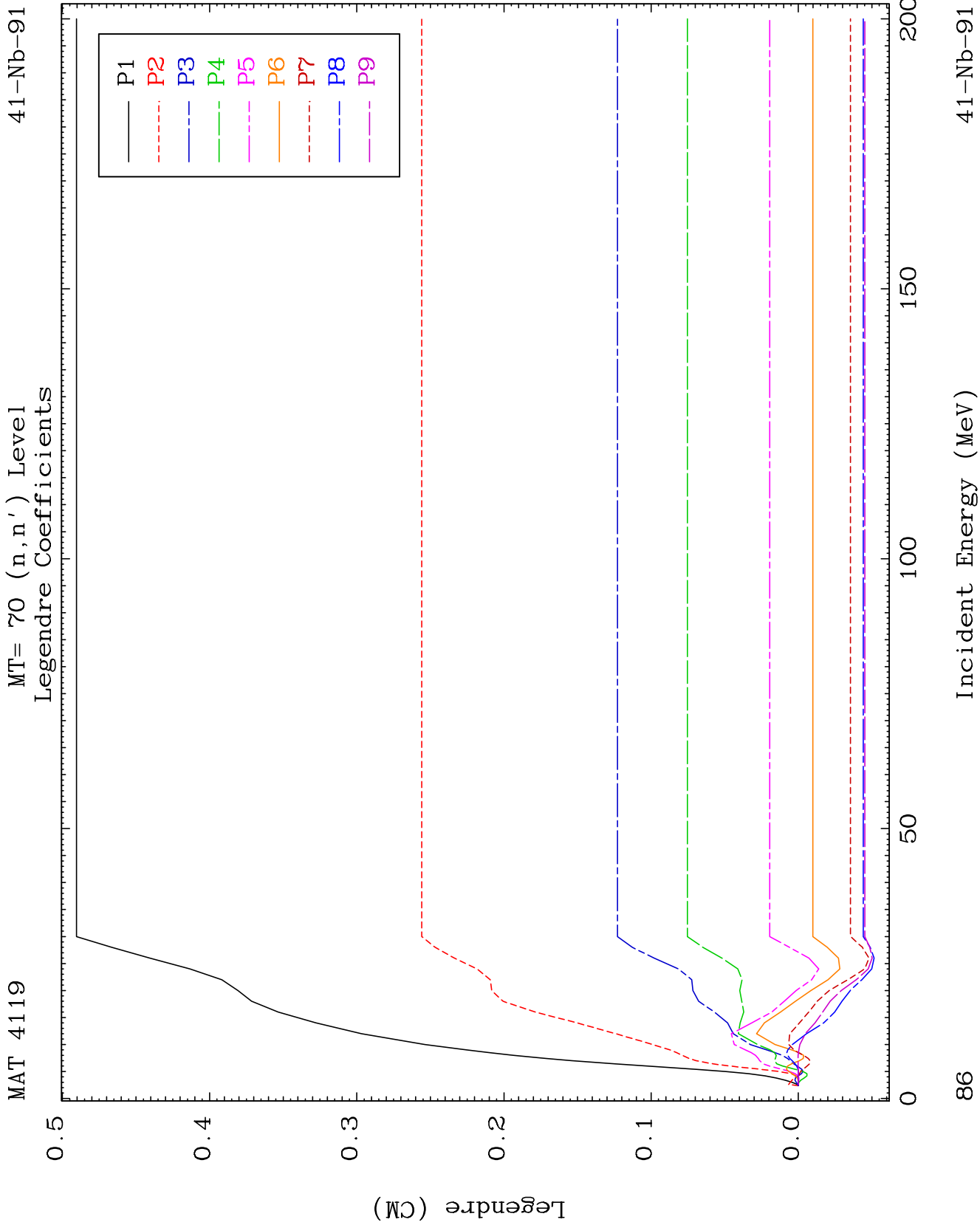
41-Nb-91



85

Incident Energy (MeV)

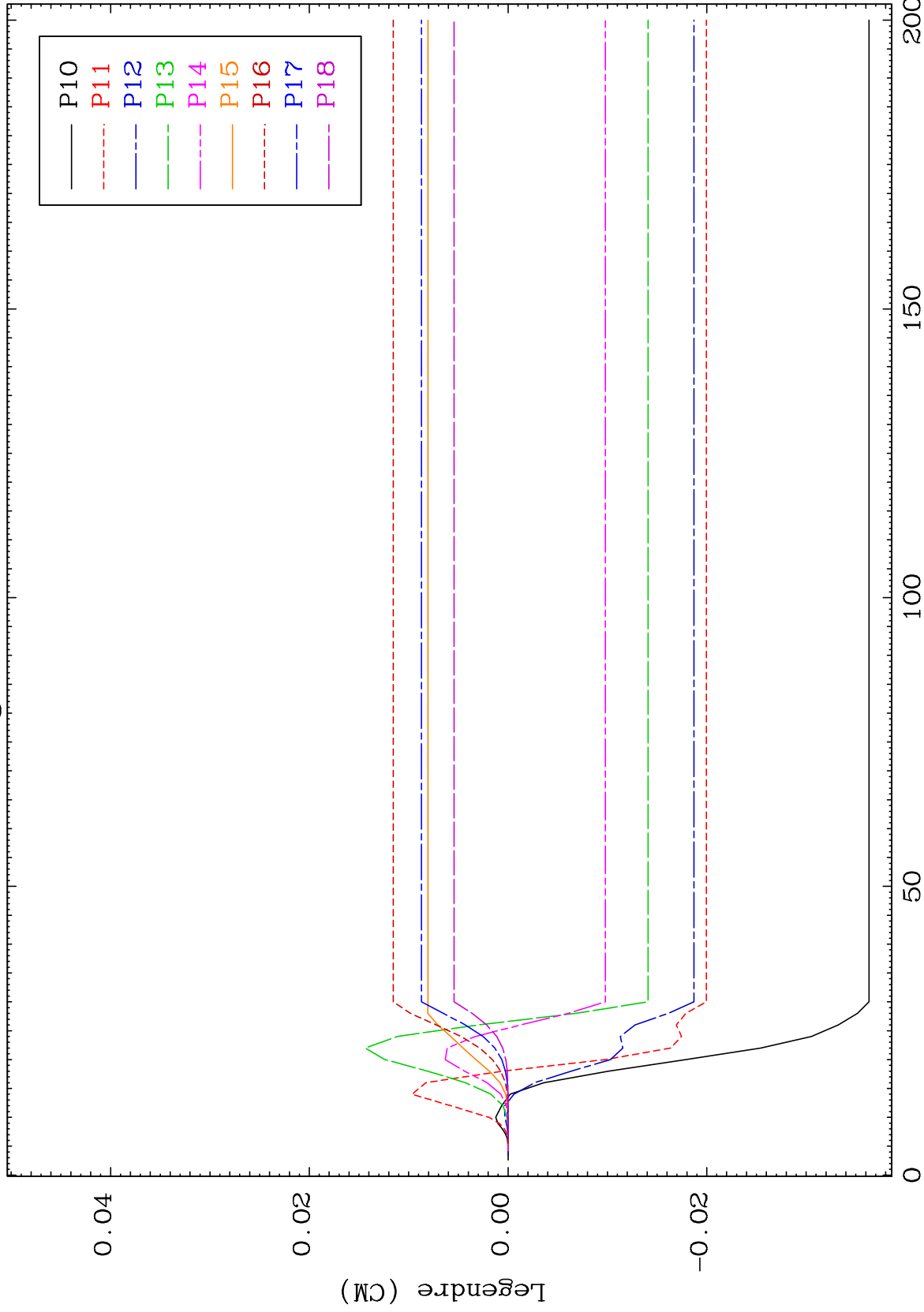
41-Nb-91



MAT 4119

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

41-Nb-91



87

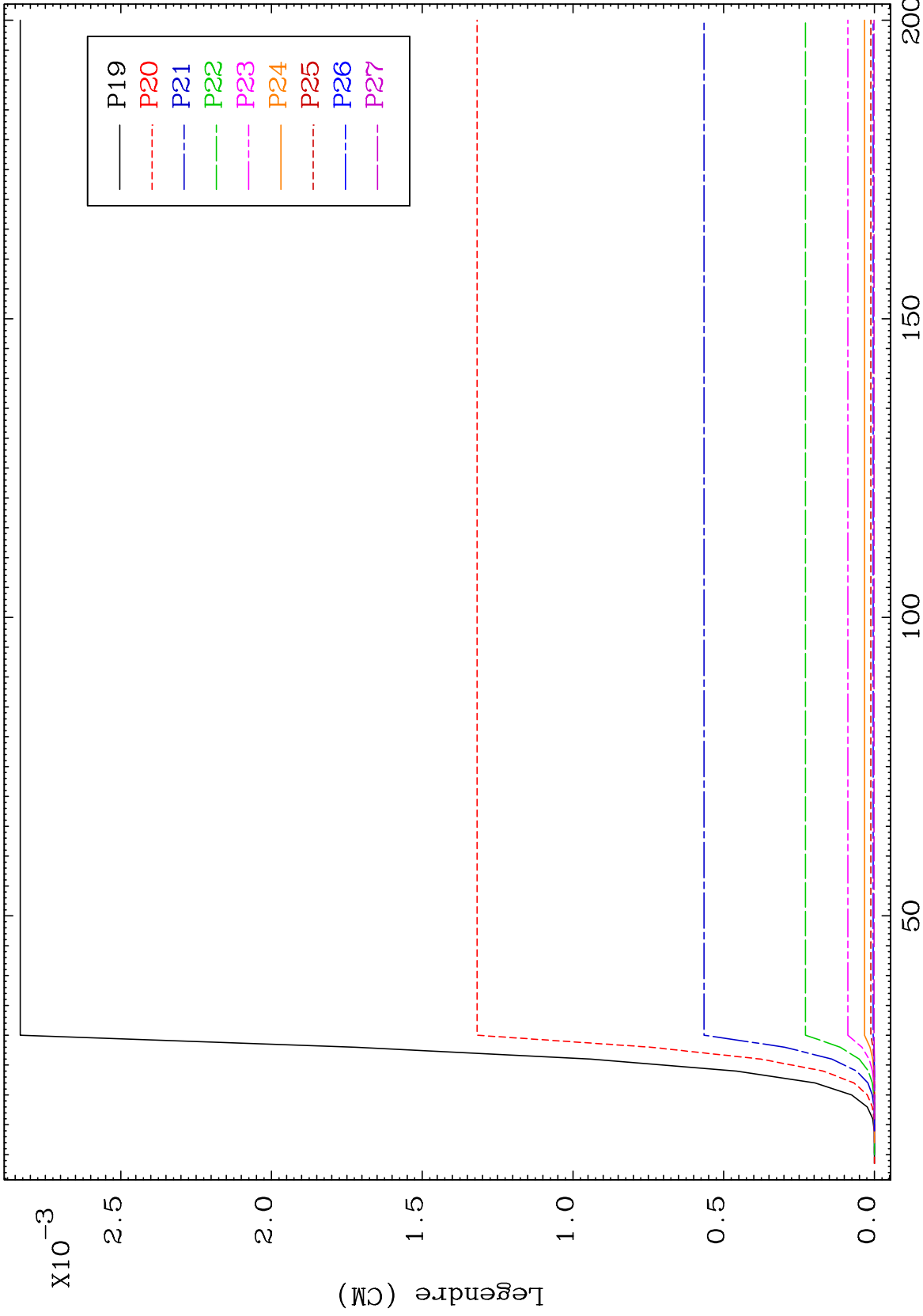
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



88

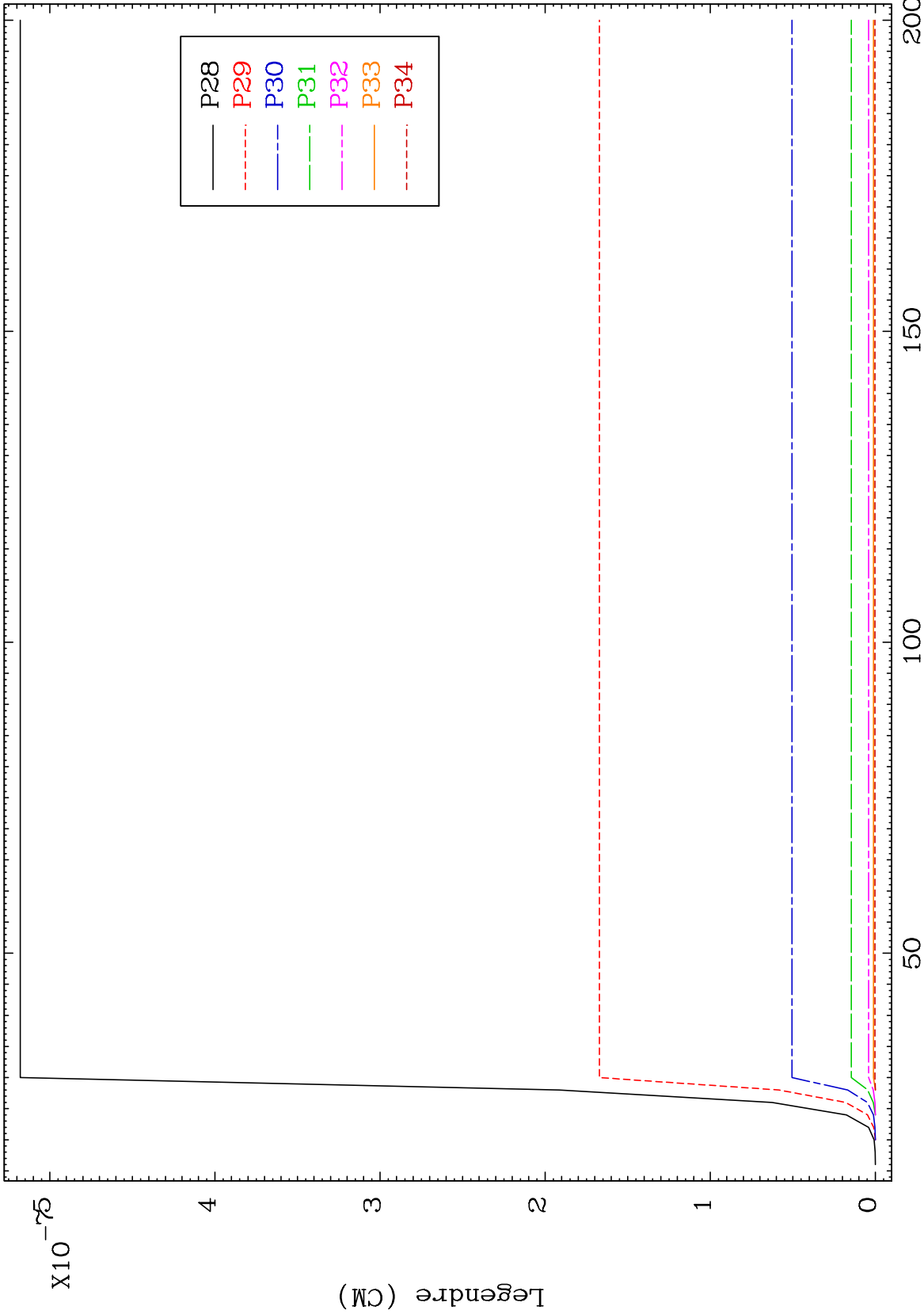
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



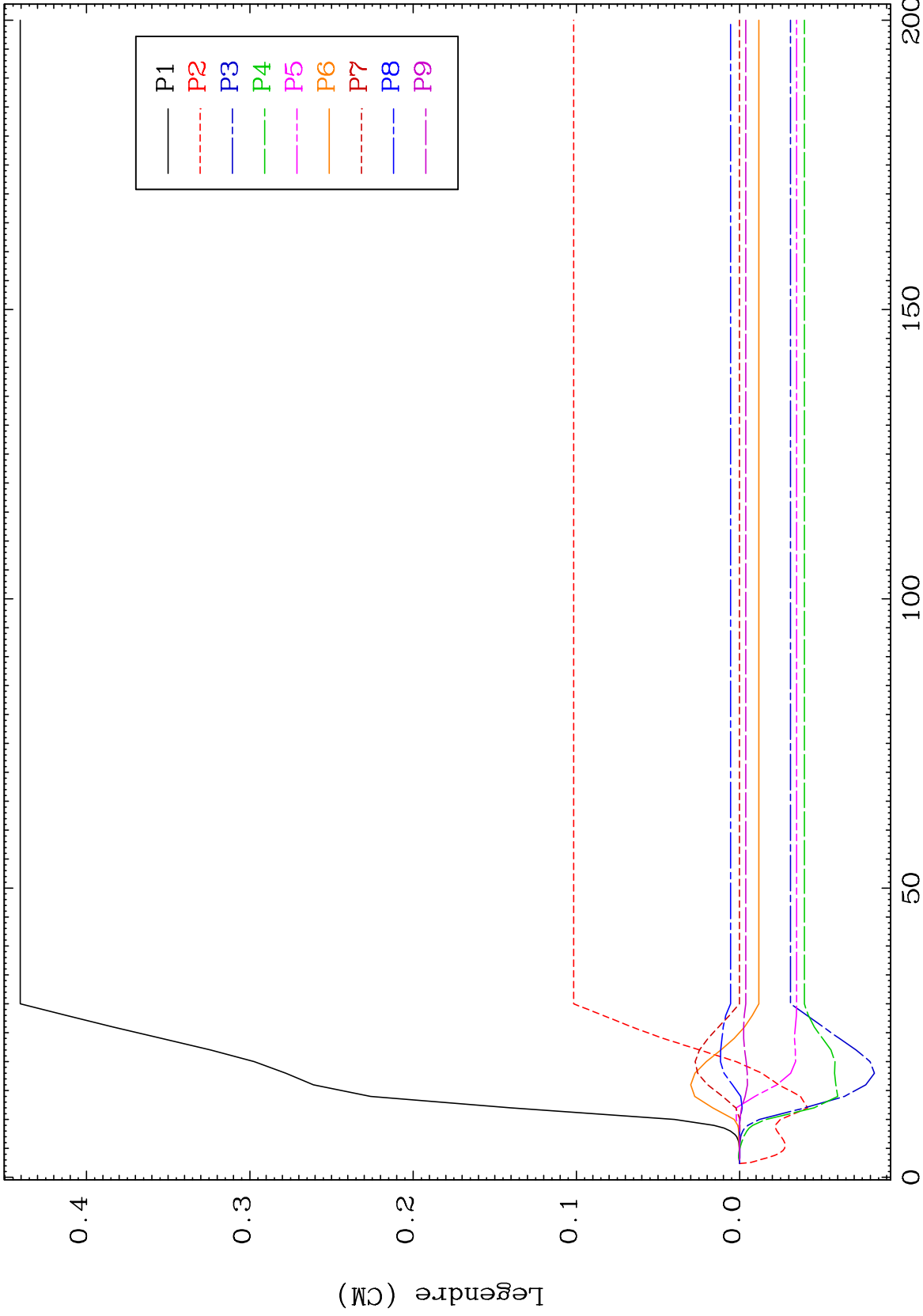
89

41-Nb-91

MAT 4119

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

41-Nb-91



90

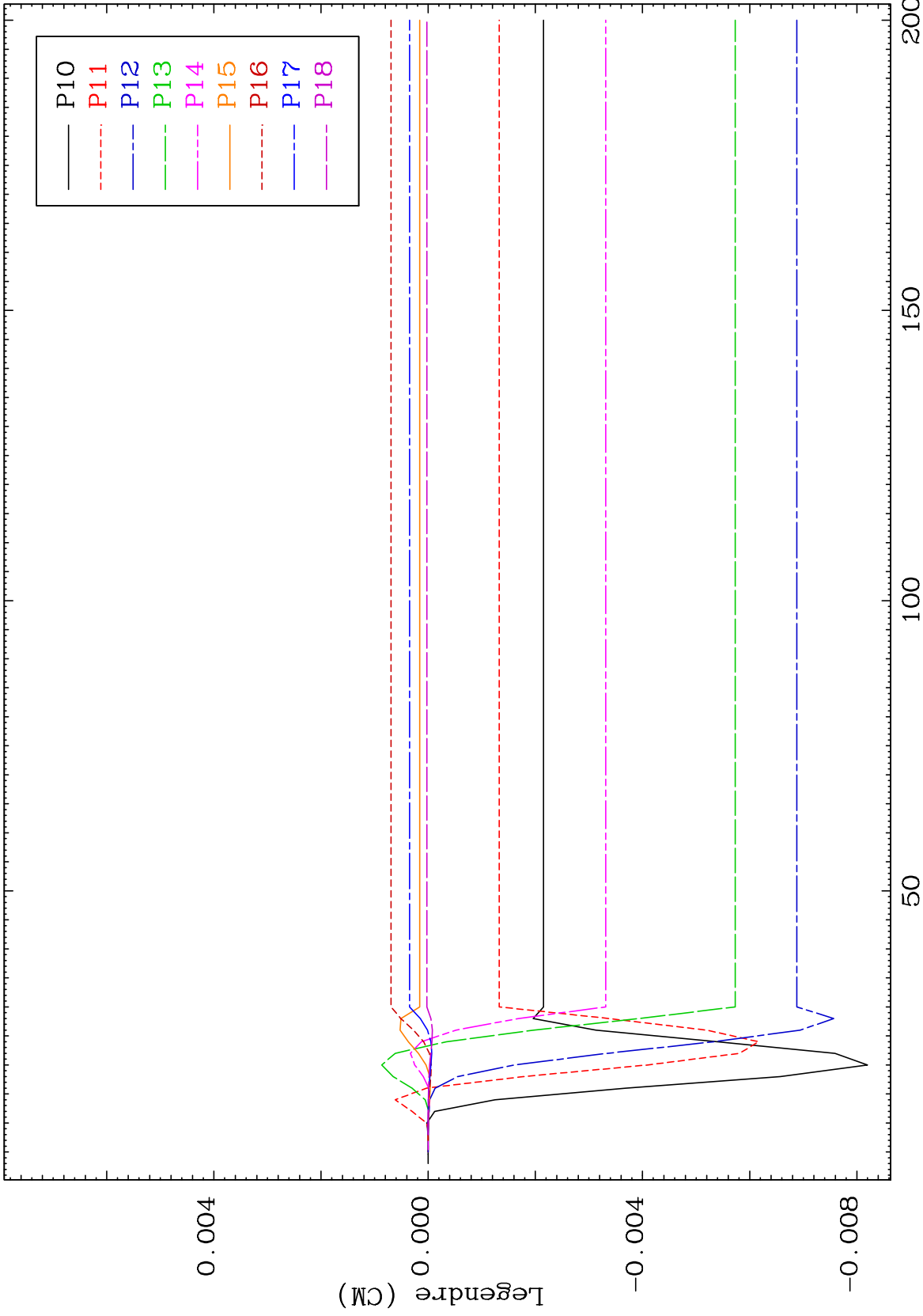
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



91

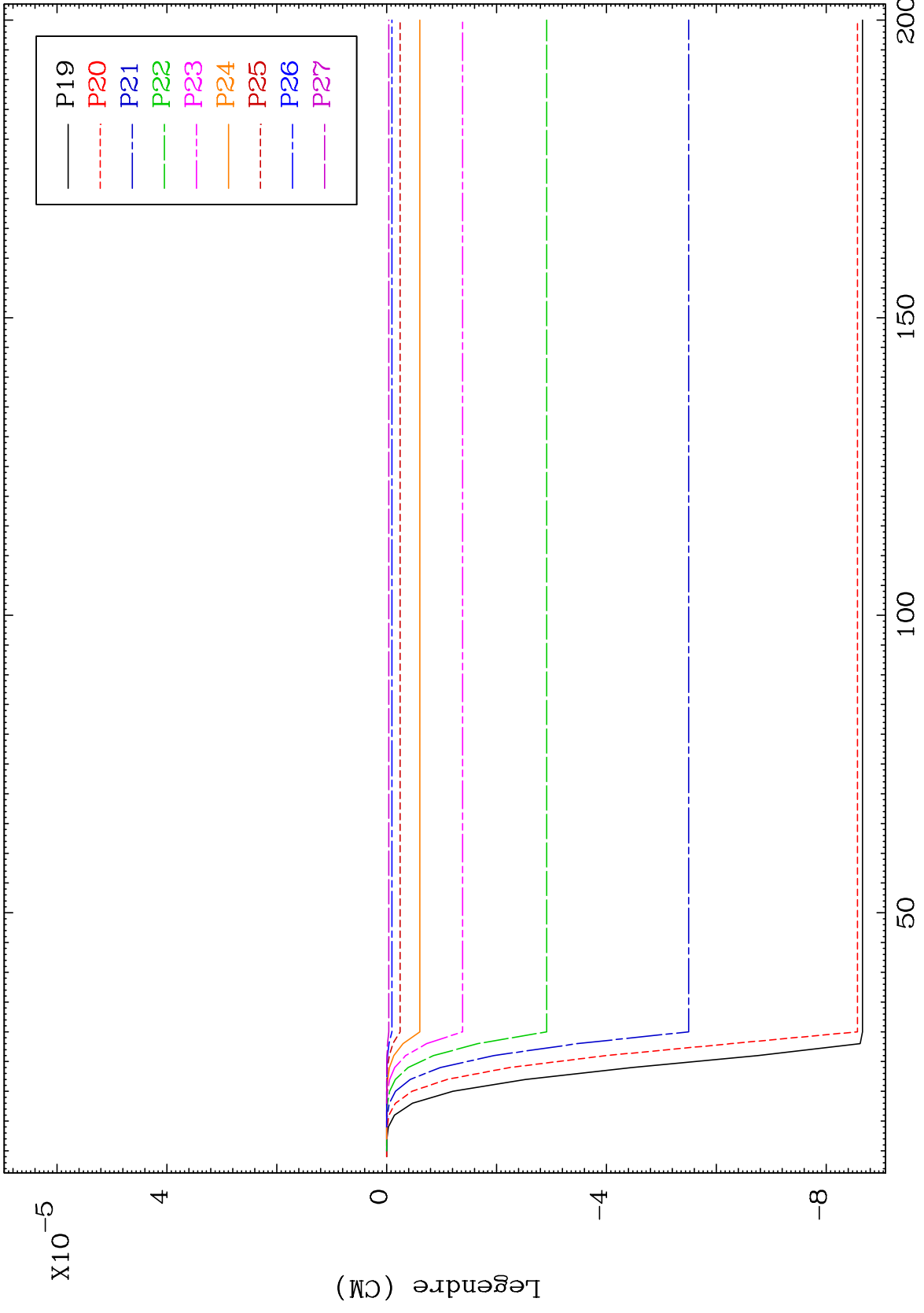
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



92

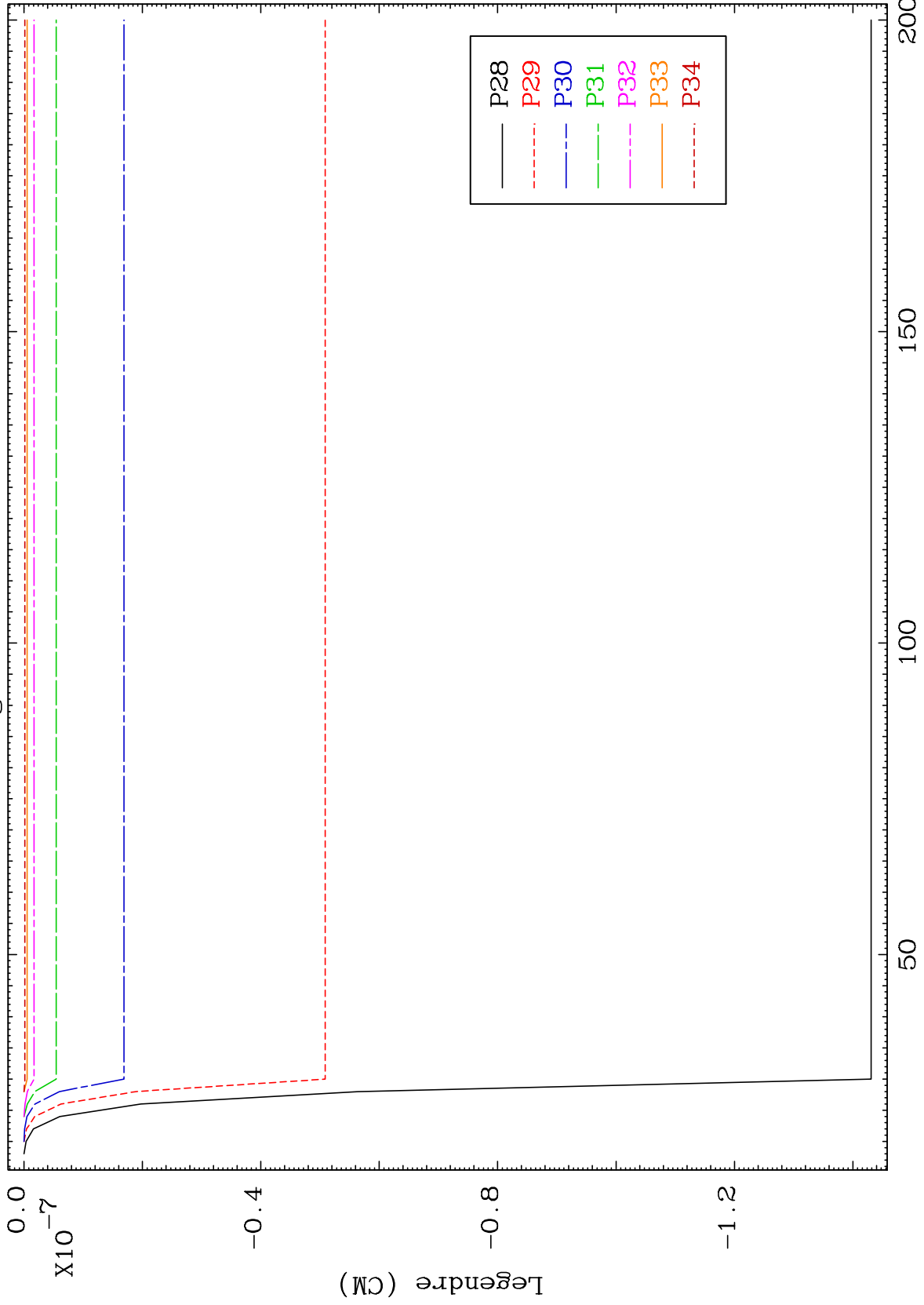
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

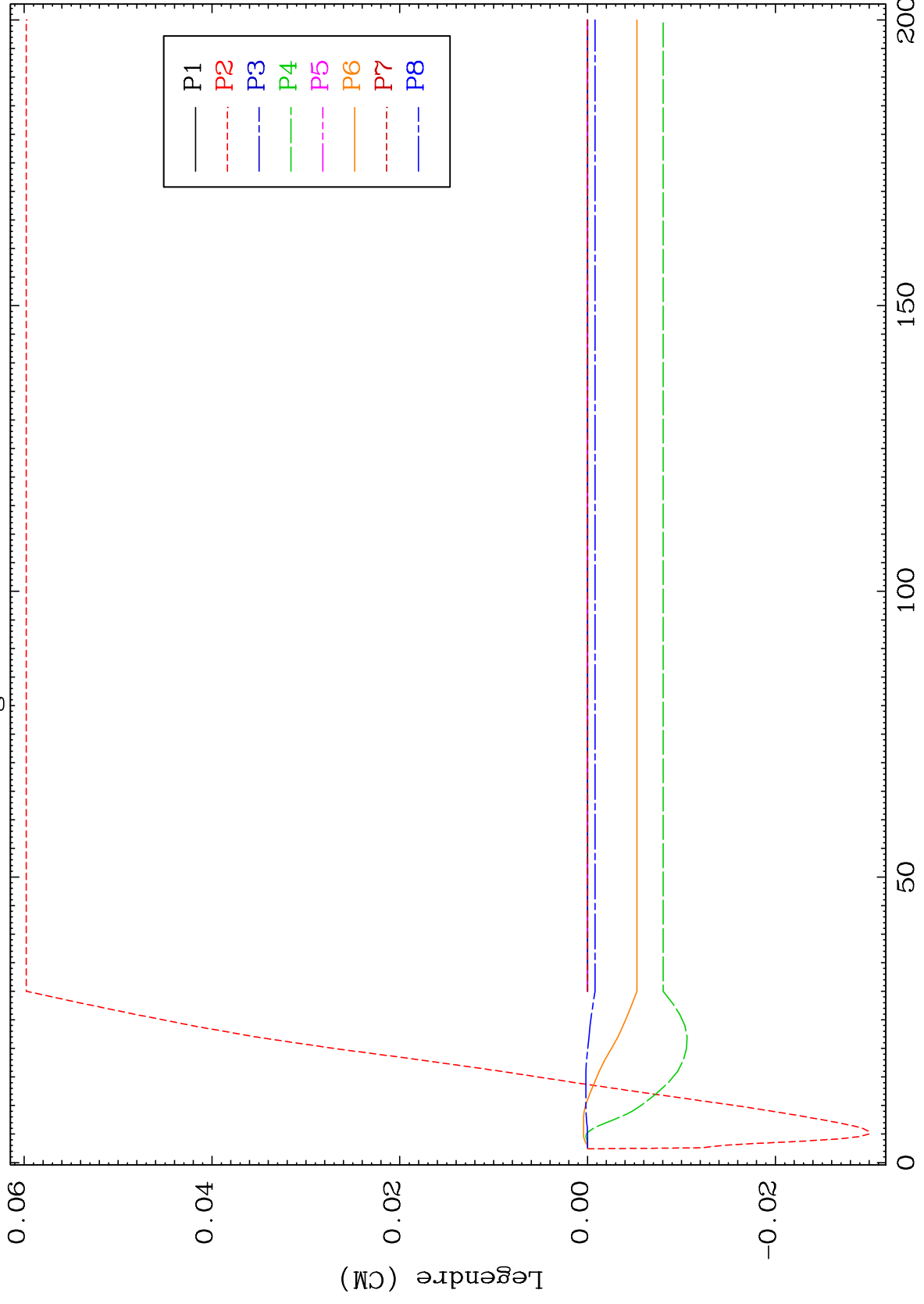
41-Nb-91



93

41-Nb-91

MAT 4119 MT= 72 (n,n') Level Legendre Coefficients 41-Nb-91

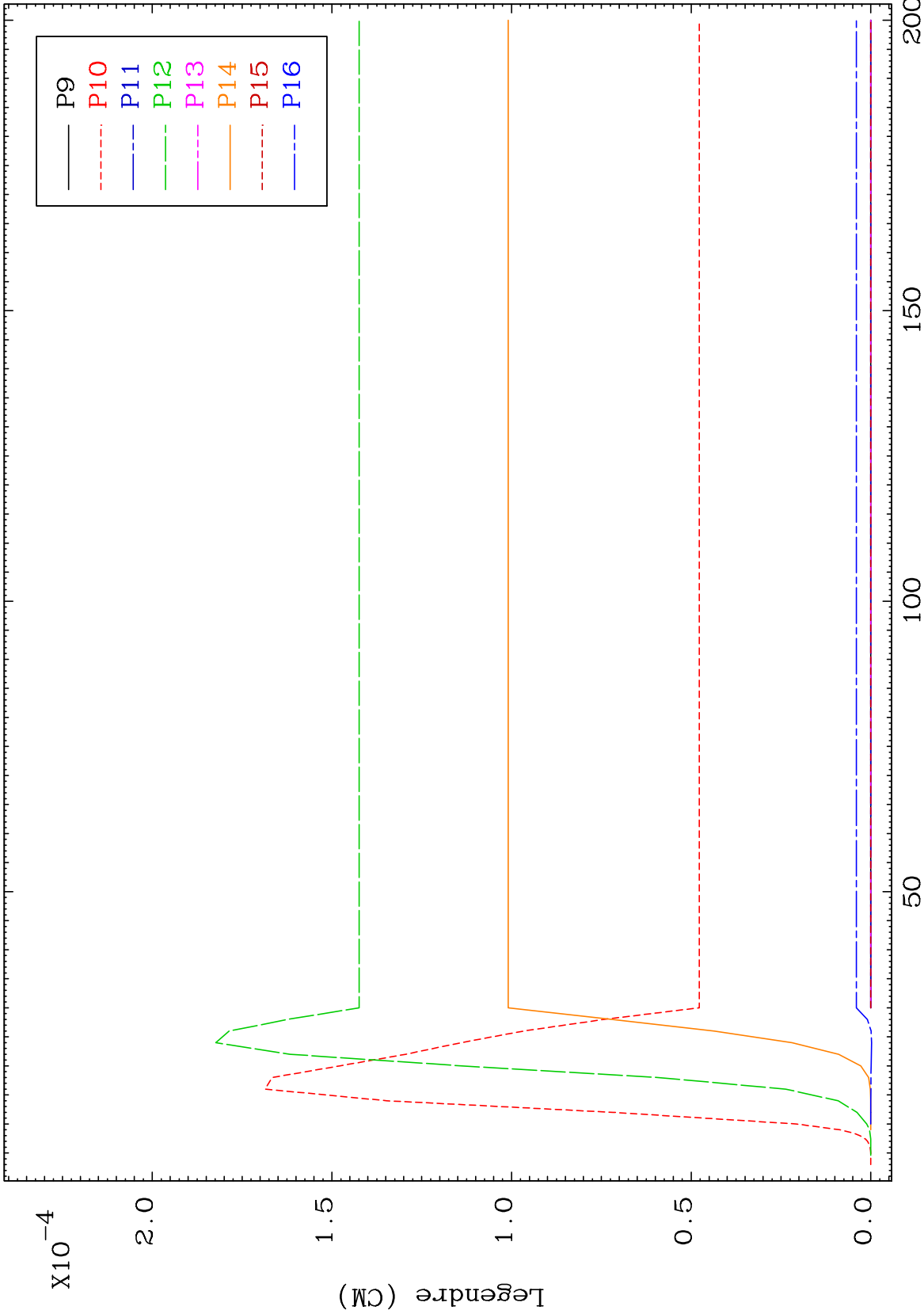


94 41-Nb-91

MAT 4119

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

41-Nb-91

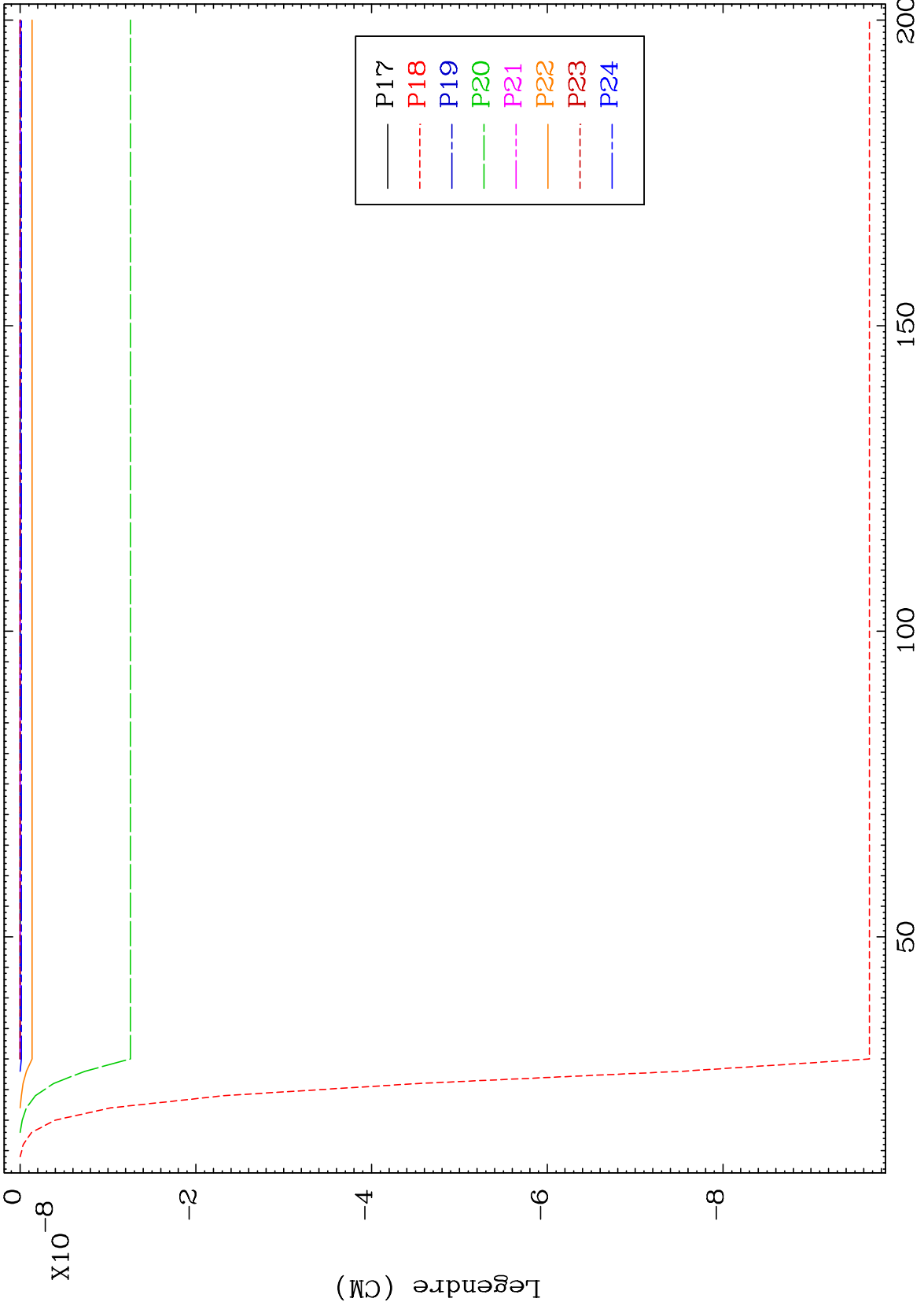


95

Incident Energy (MeV)

41-Nb-91

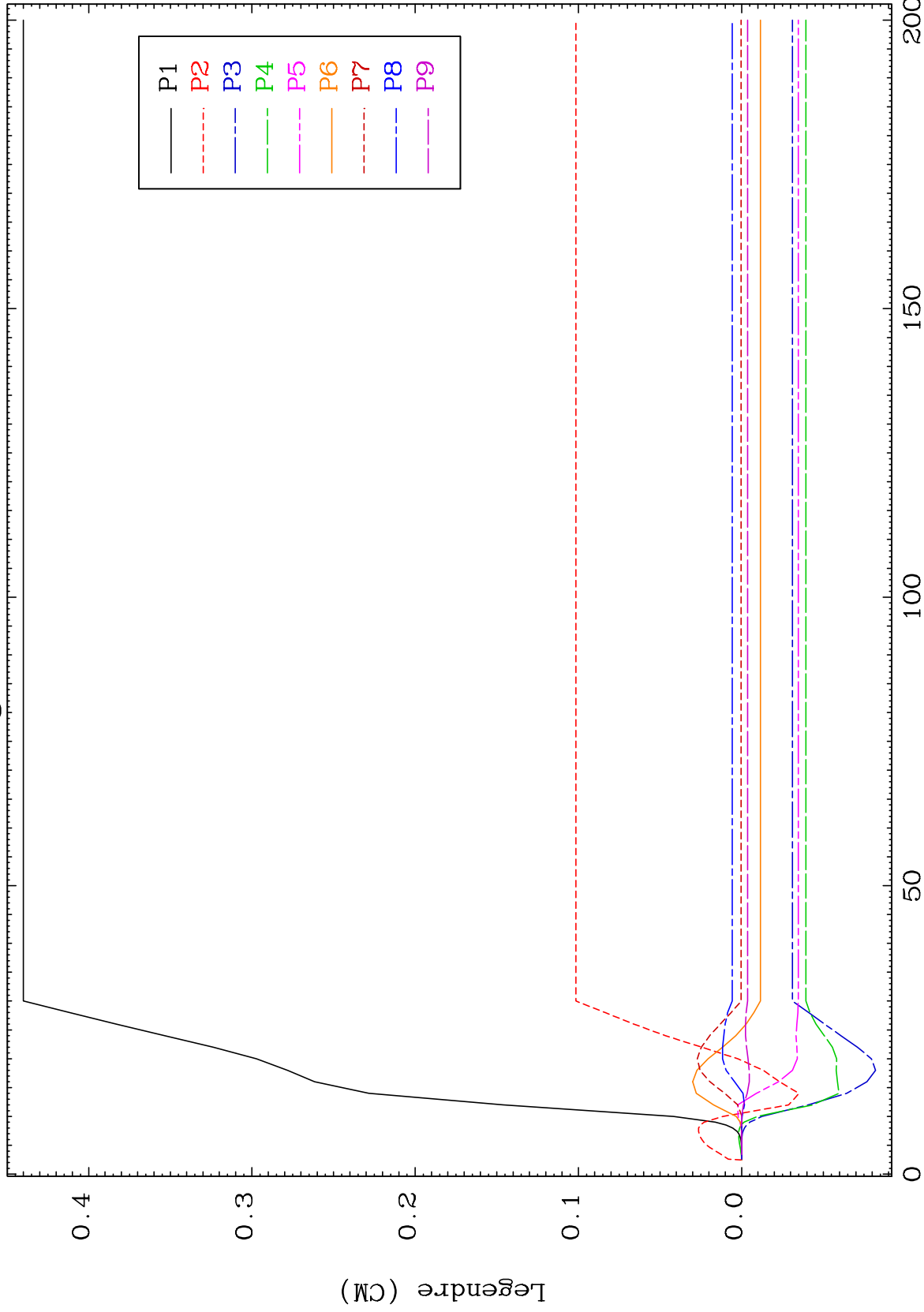
MAT 4119 MT= 72 (n,n') Level Legendre Coefficients 41-Nb-91



MAT 4119

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

41-Nb-91



97

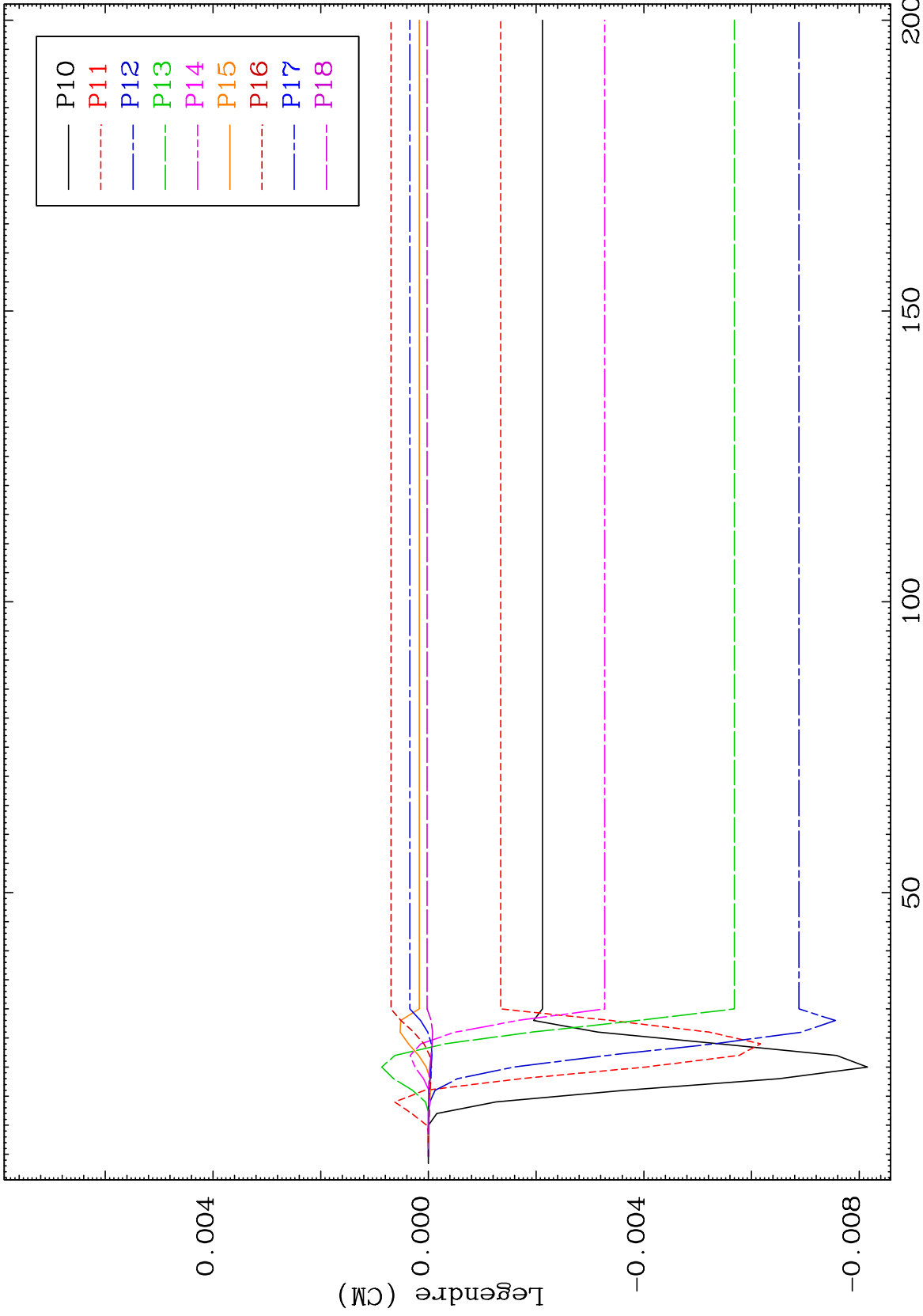
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



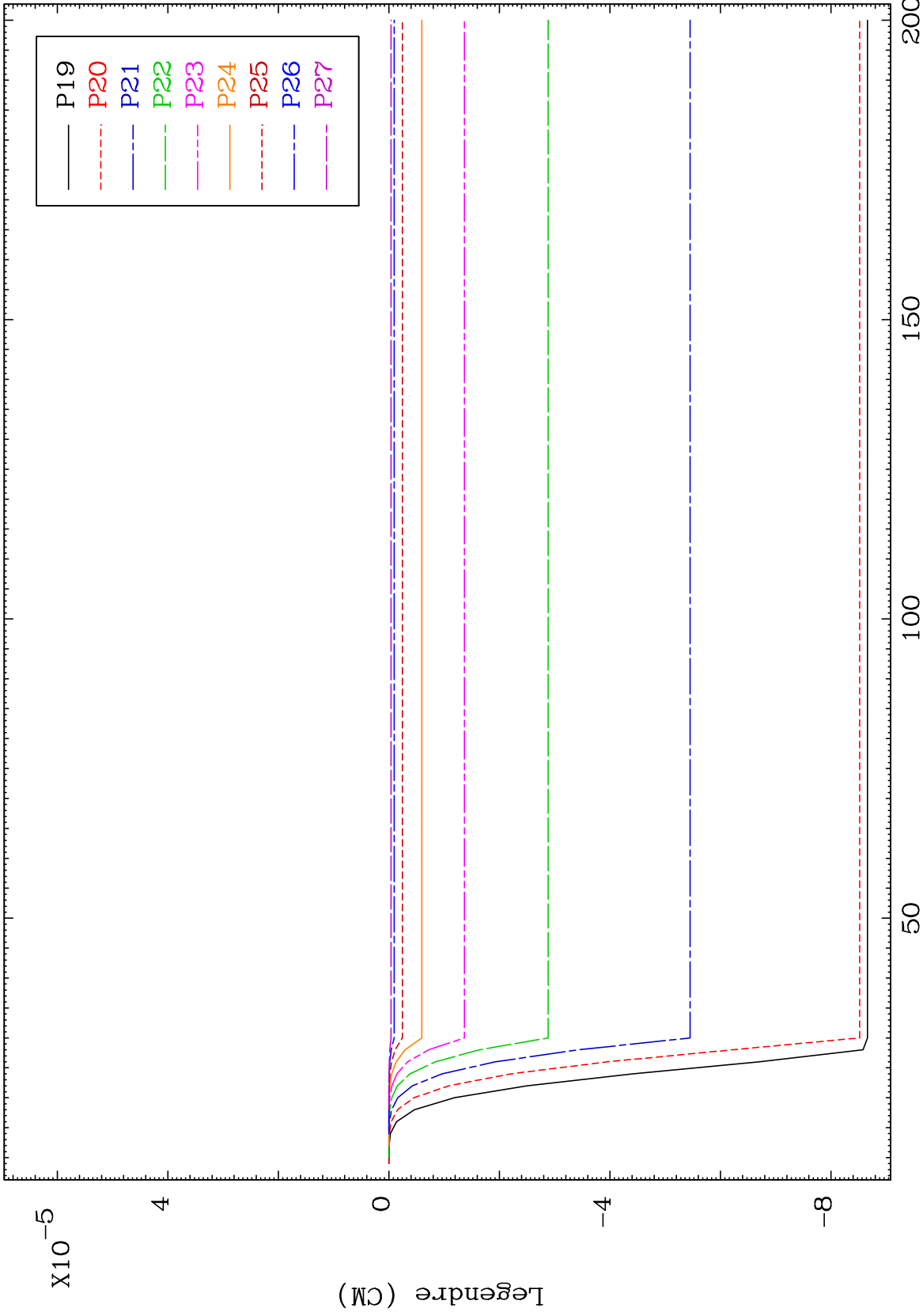
98

41-Nb-91

MAT 4119

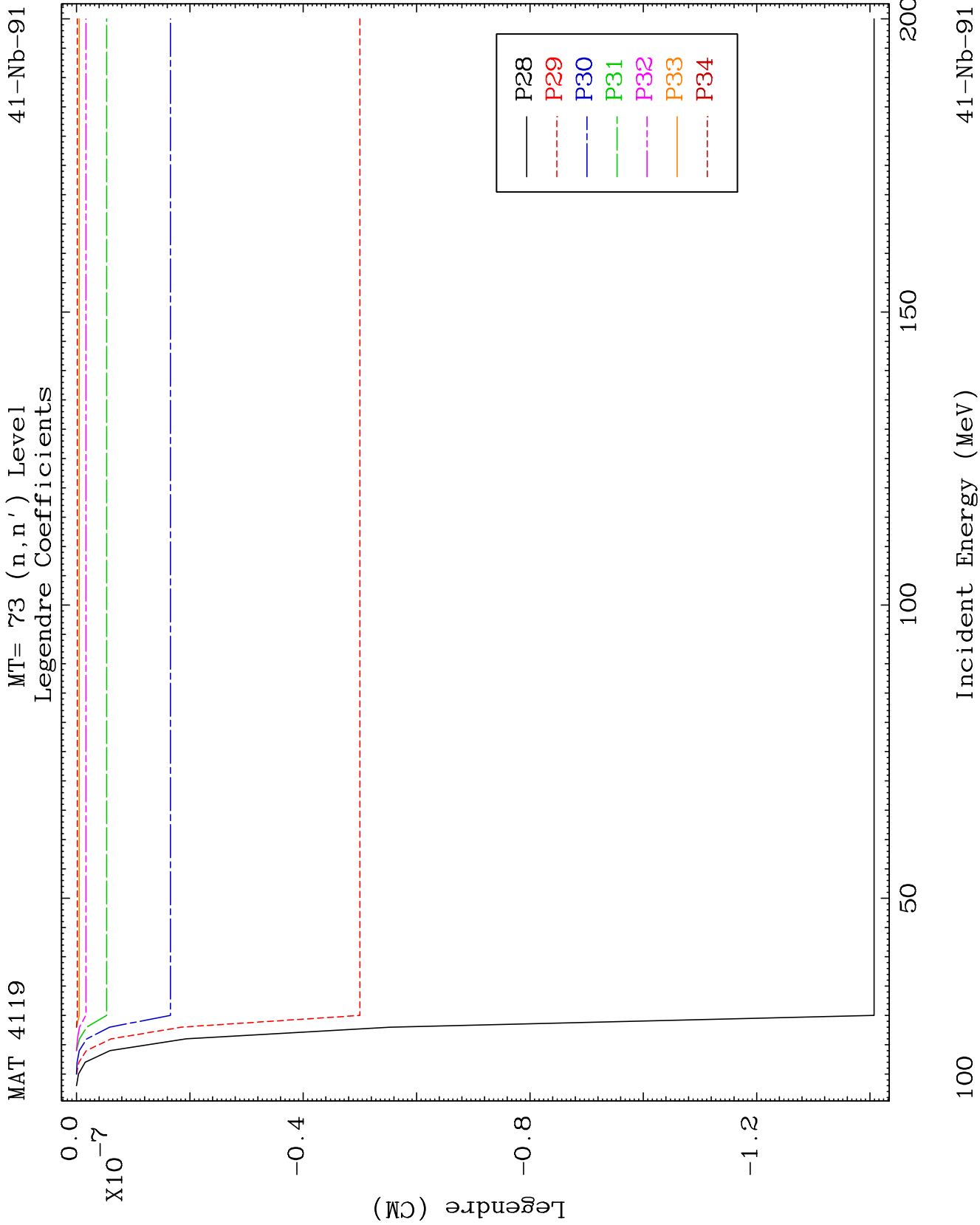
MT= 73 (n,n') Level
Legendre Coefficients

41-Nb-91



99

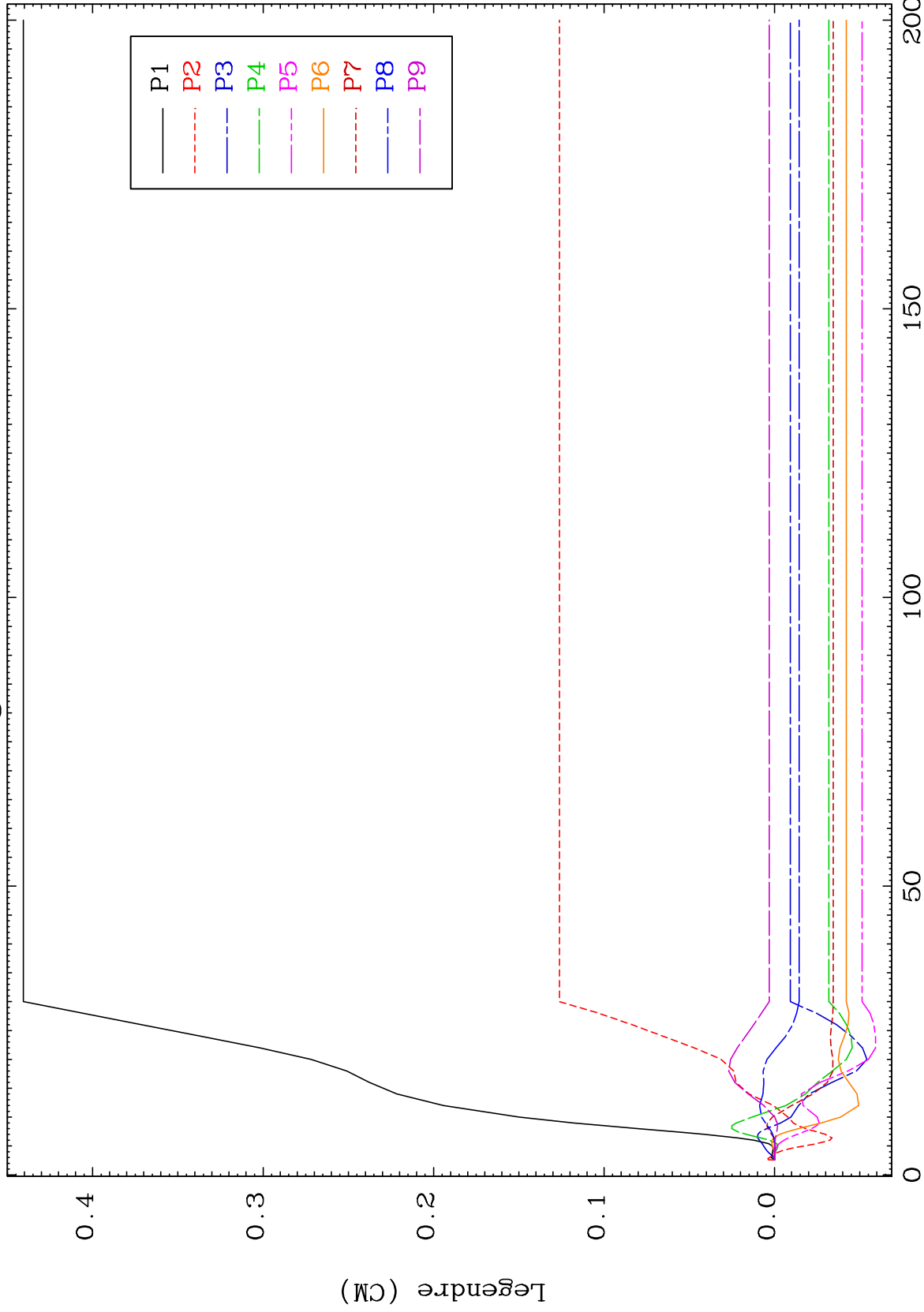
41-Nb-91



MAT 4119

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

41-Nb-91



41-Nb-91

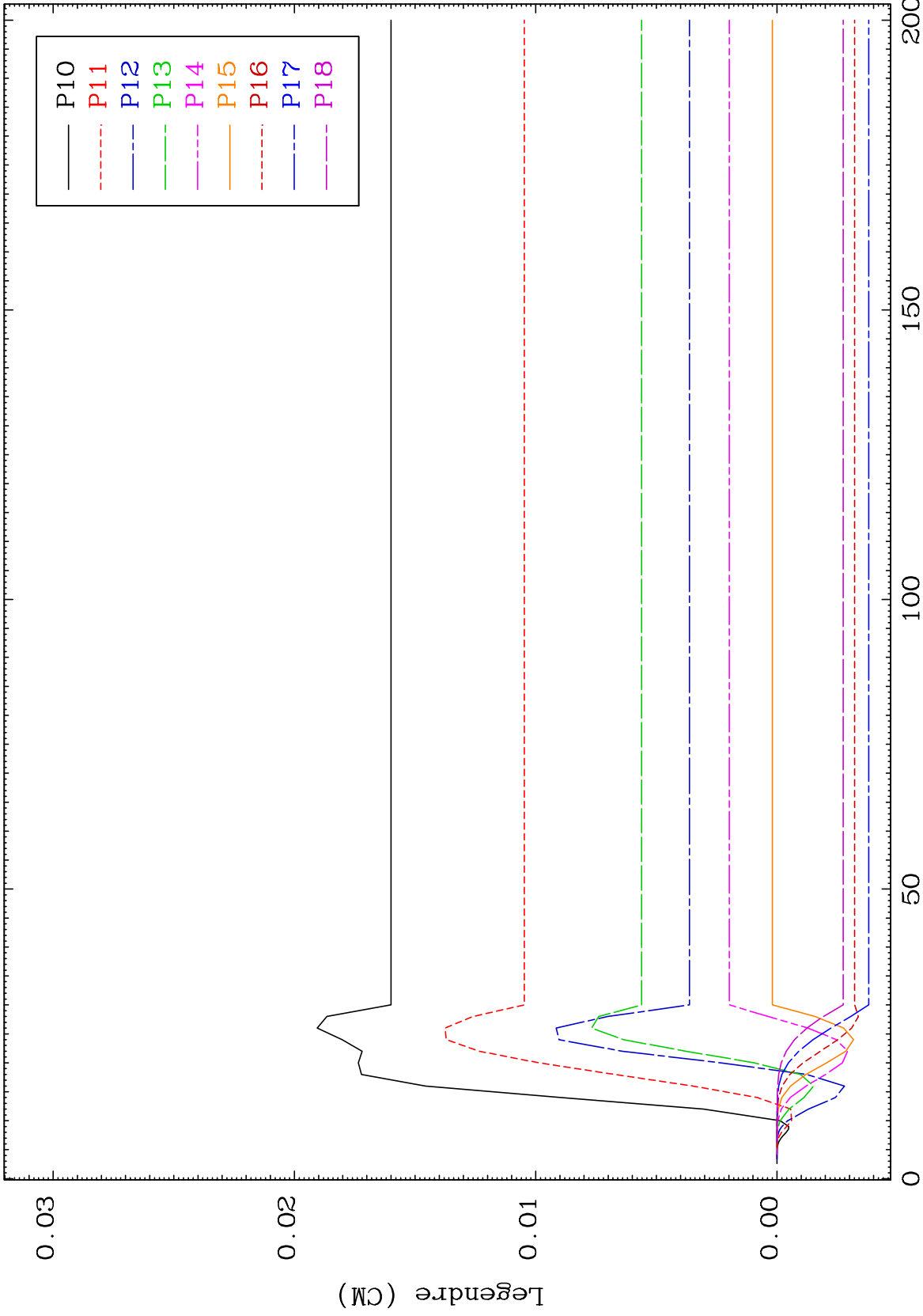
Incident Energy (MeV)

101

MAT 4119

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

41-Nb-91



102

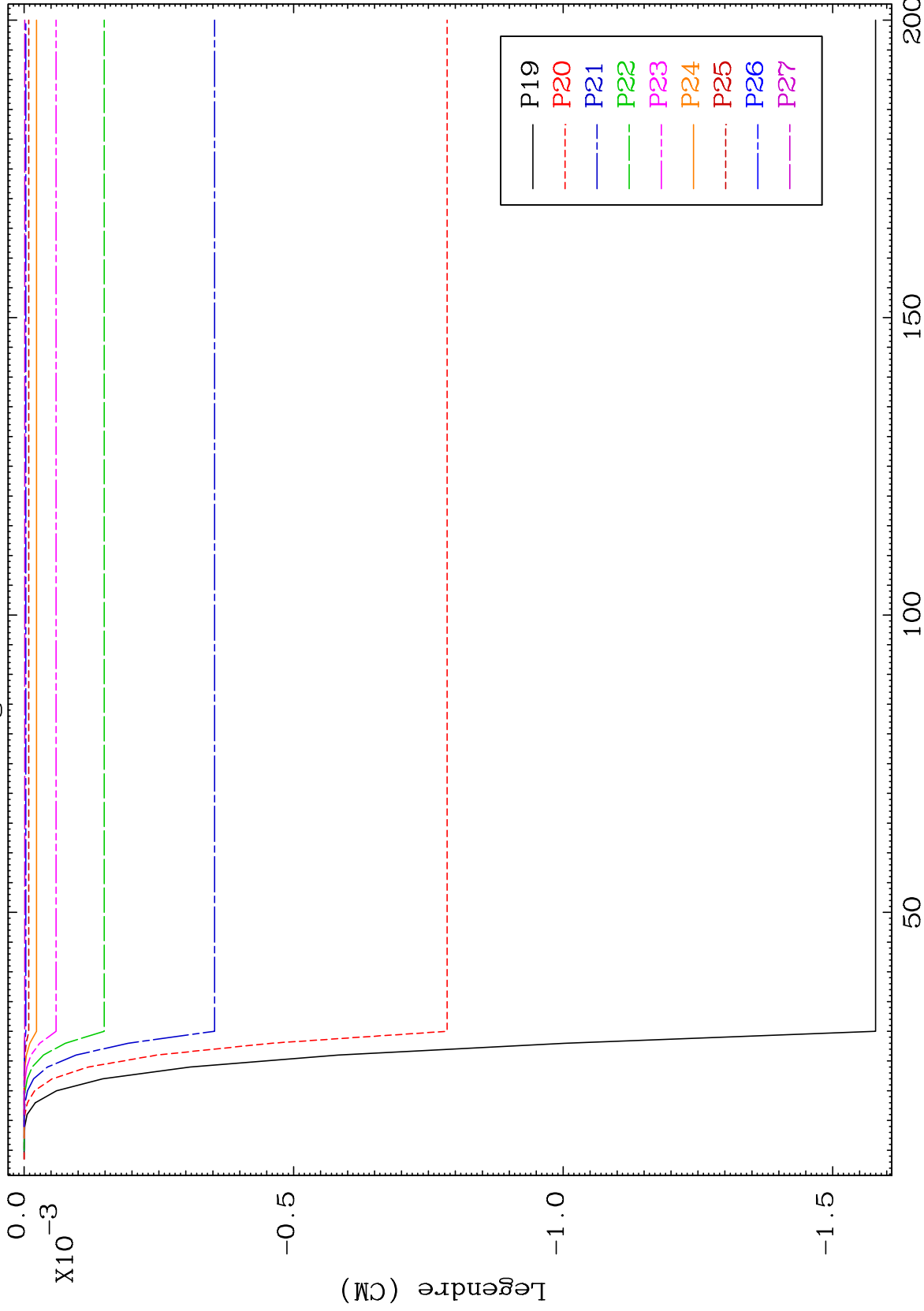
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91

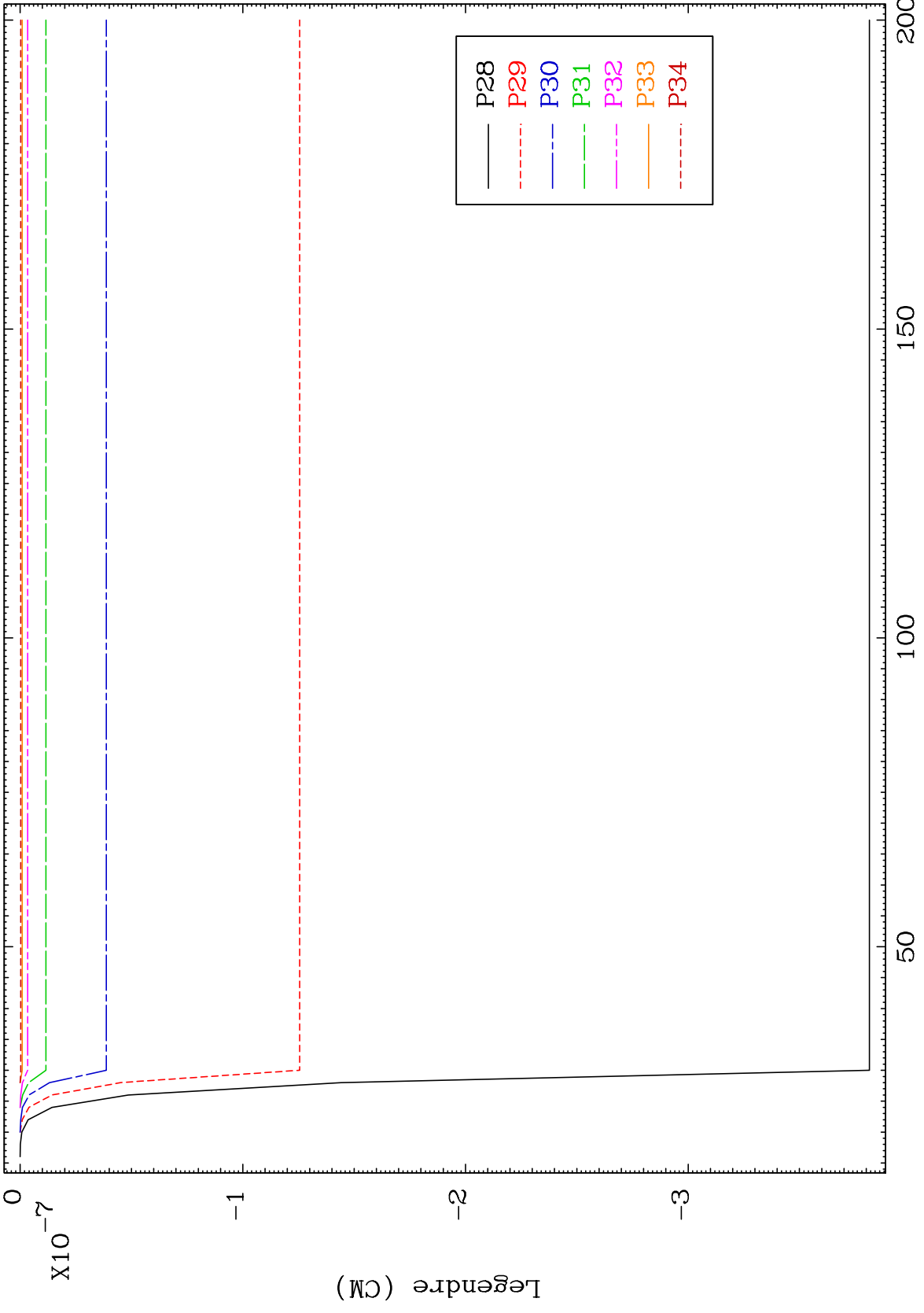


41-Nb-91

Incident Energy (MeV)

103

MAT 4119 MT= 74 (n,n') Level Legendre Coefficients 41-Nb-91

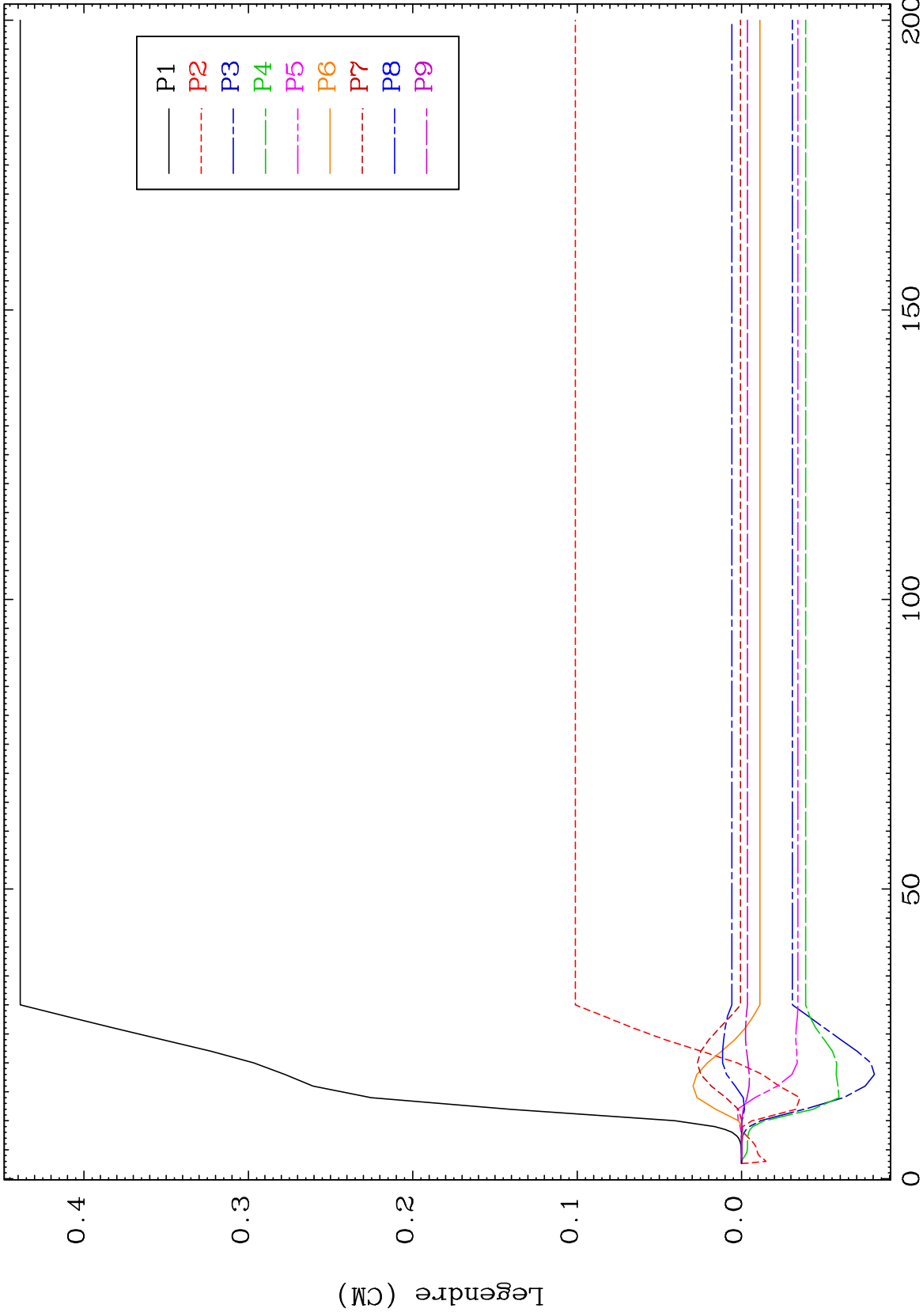


104 41-Nb-91

MAT 4119

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

41-Nb-91



41-Nb-91

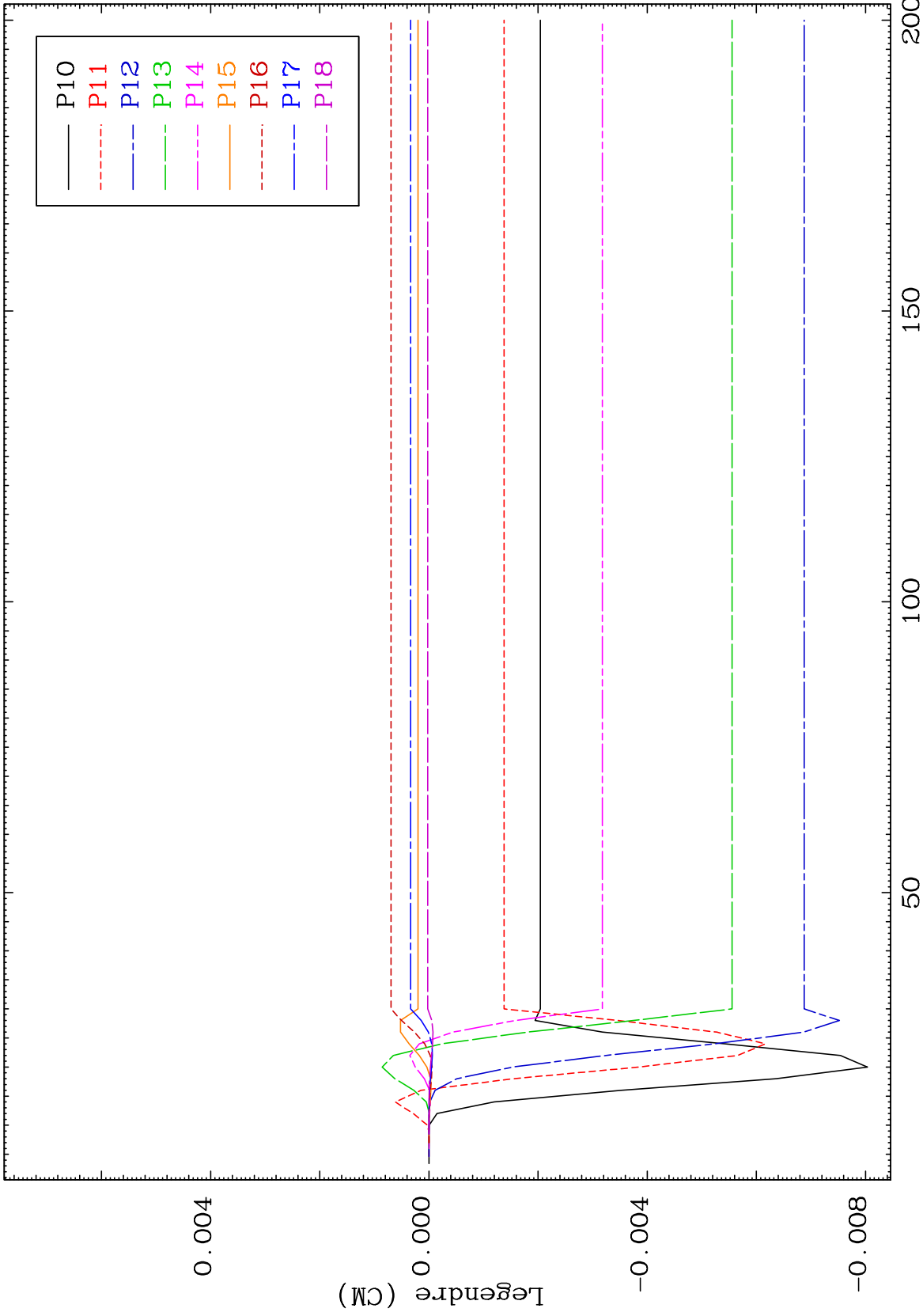
Incident Energy (MeV)

105

MAT 4119

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

41-Nb-91



106

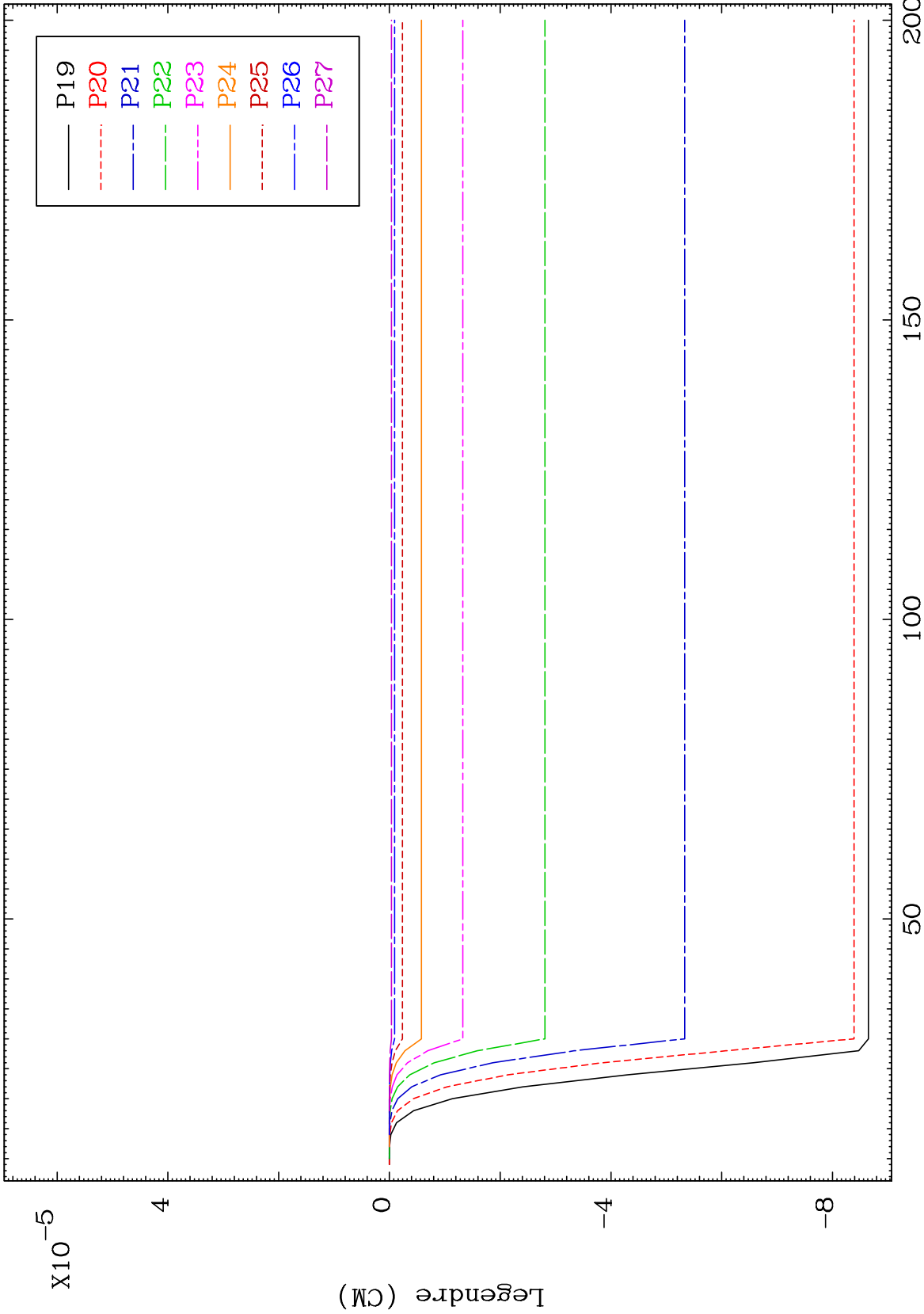
Incident Energy (MeV)

41-Nb-91

MAT 4119

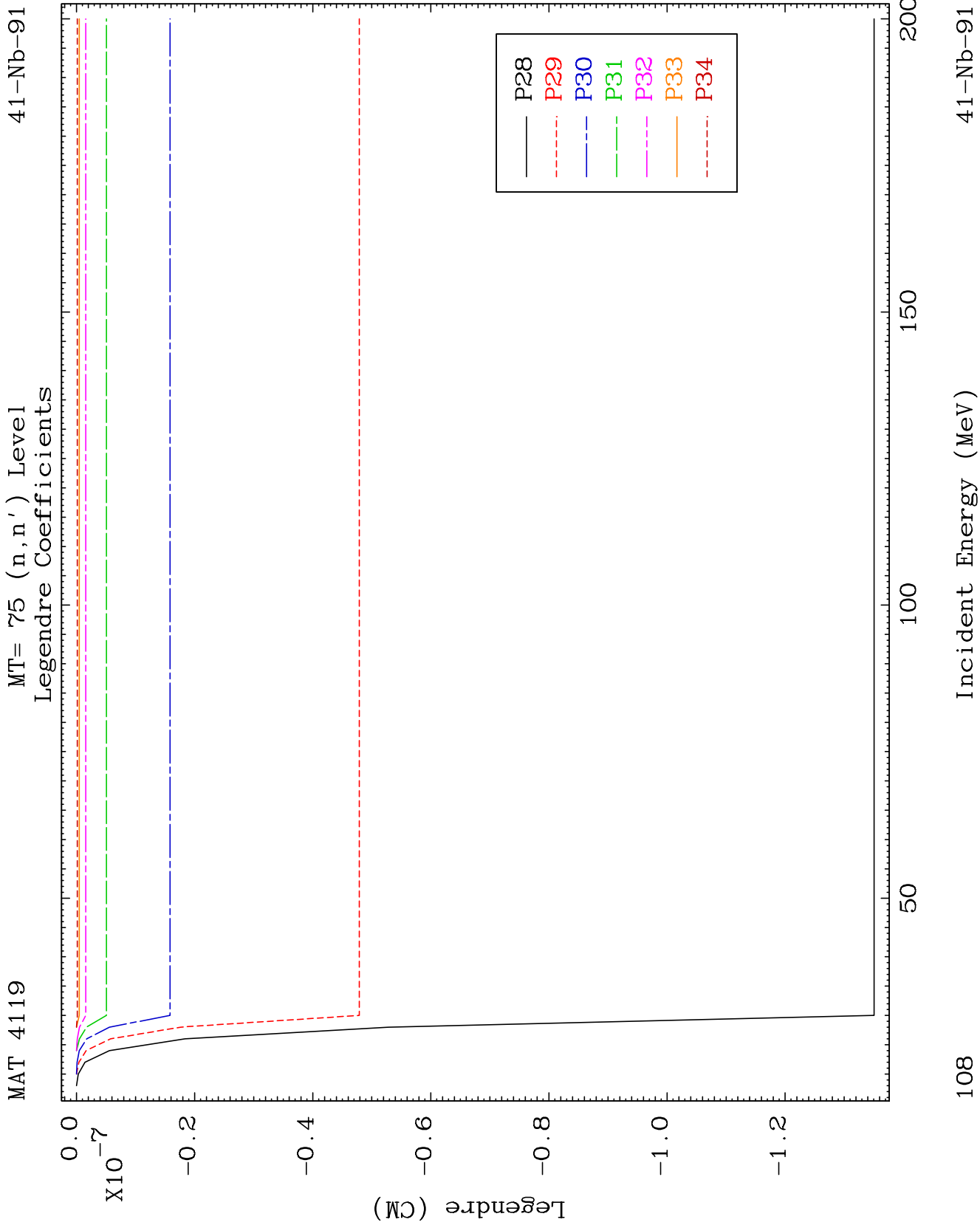
MT= 75 (n,n') Level
Legendre Coefficients

41-Nb-91



107

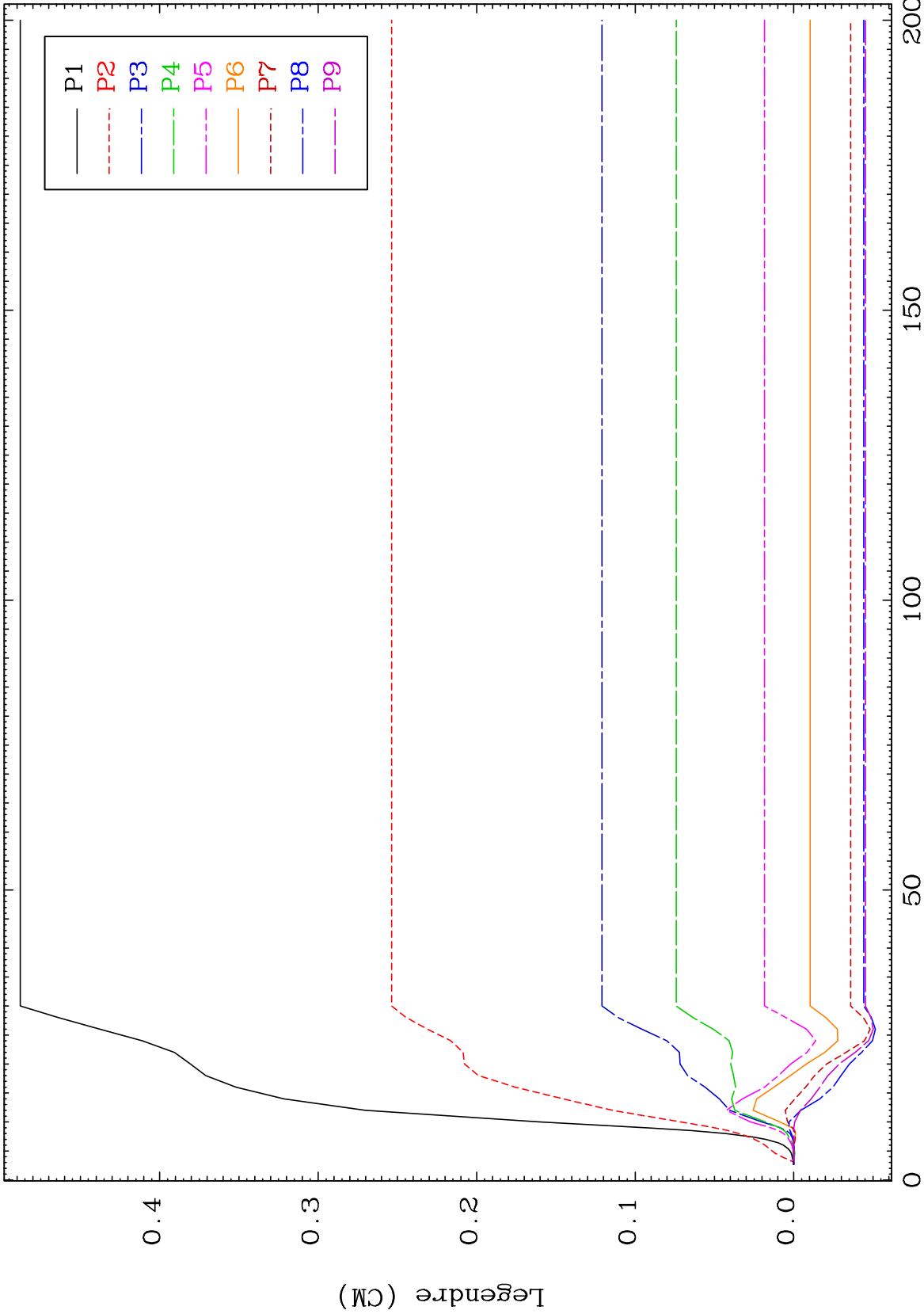
41-Nb-91



MAT 4119

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

41-Nb-91



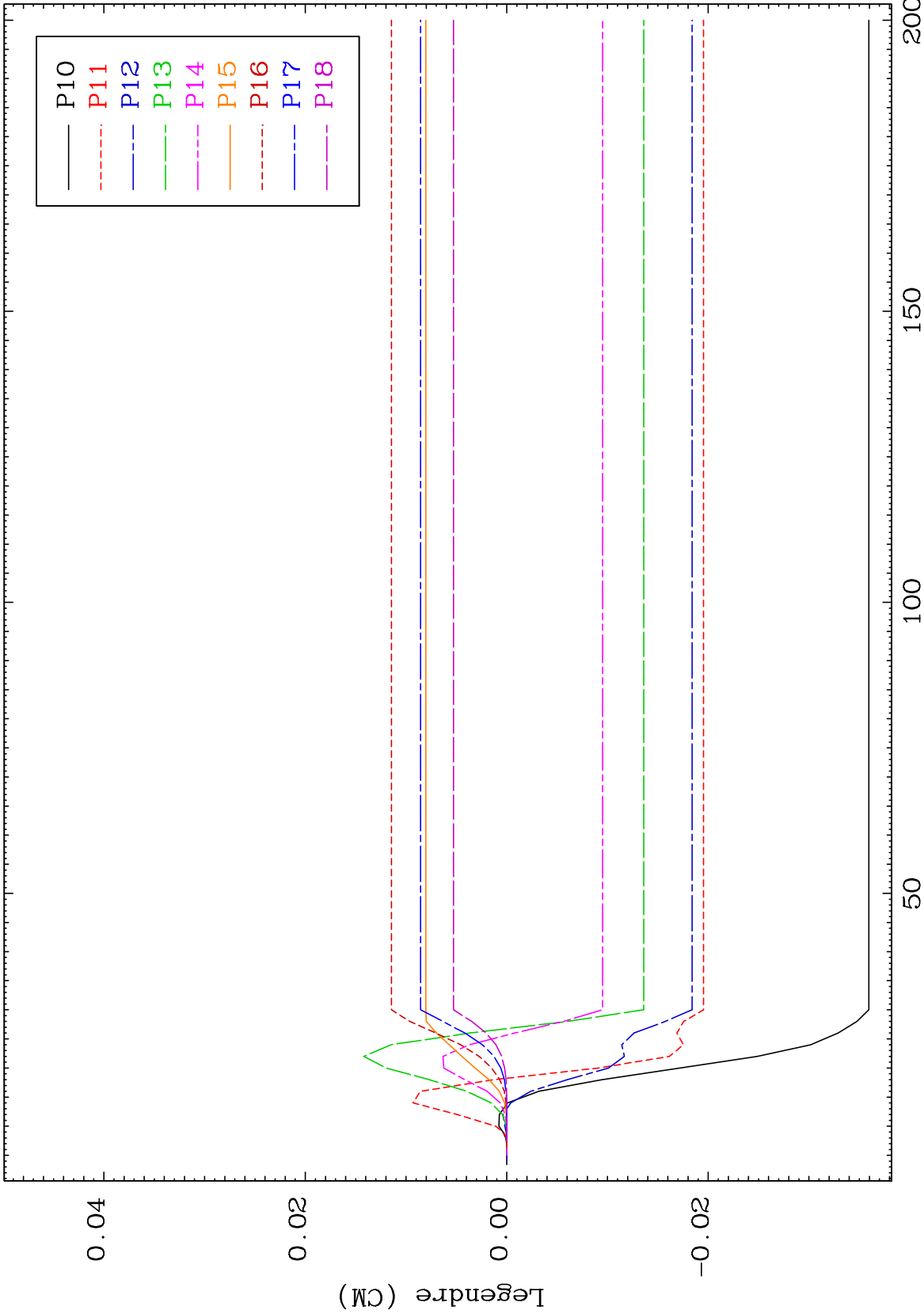
109

41-Nb-91

MAT 4119

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

41-Nb-91



110

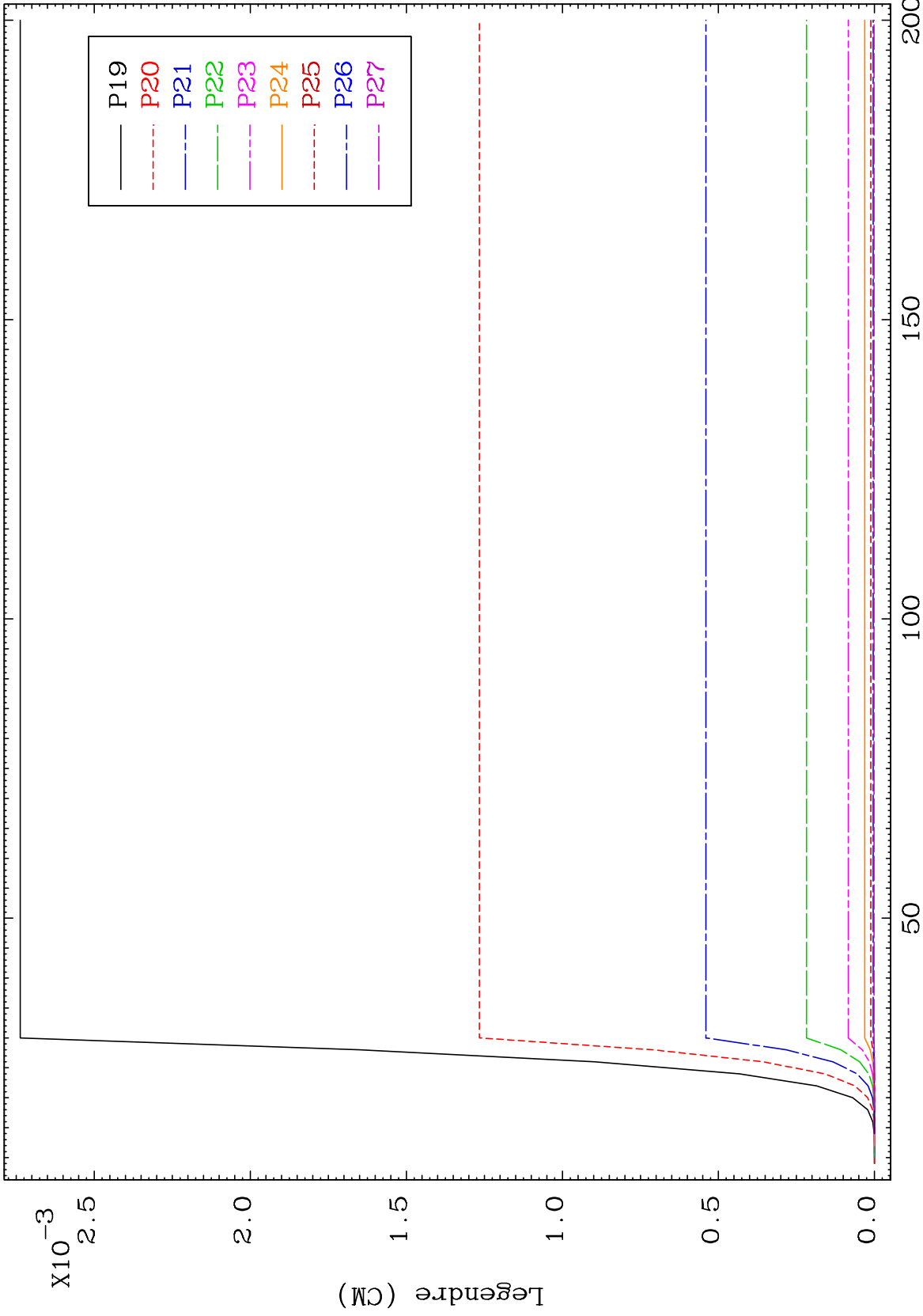
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



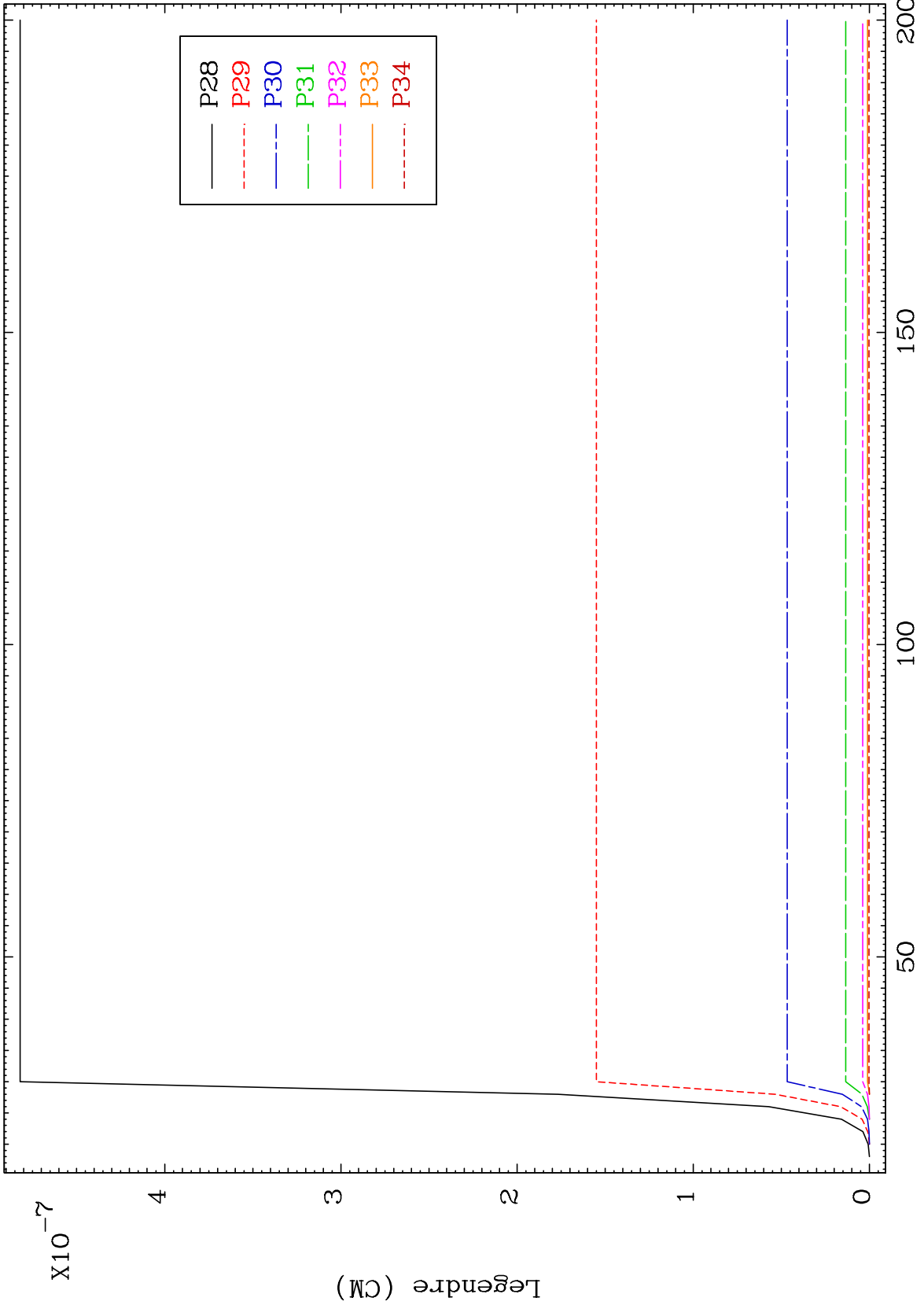
111

41-Nb-91

MAT 4119

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

41-Nb-91



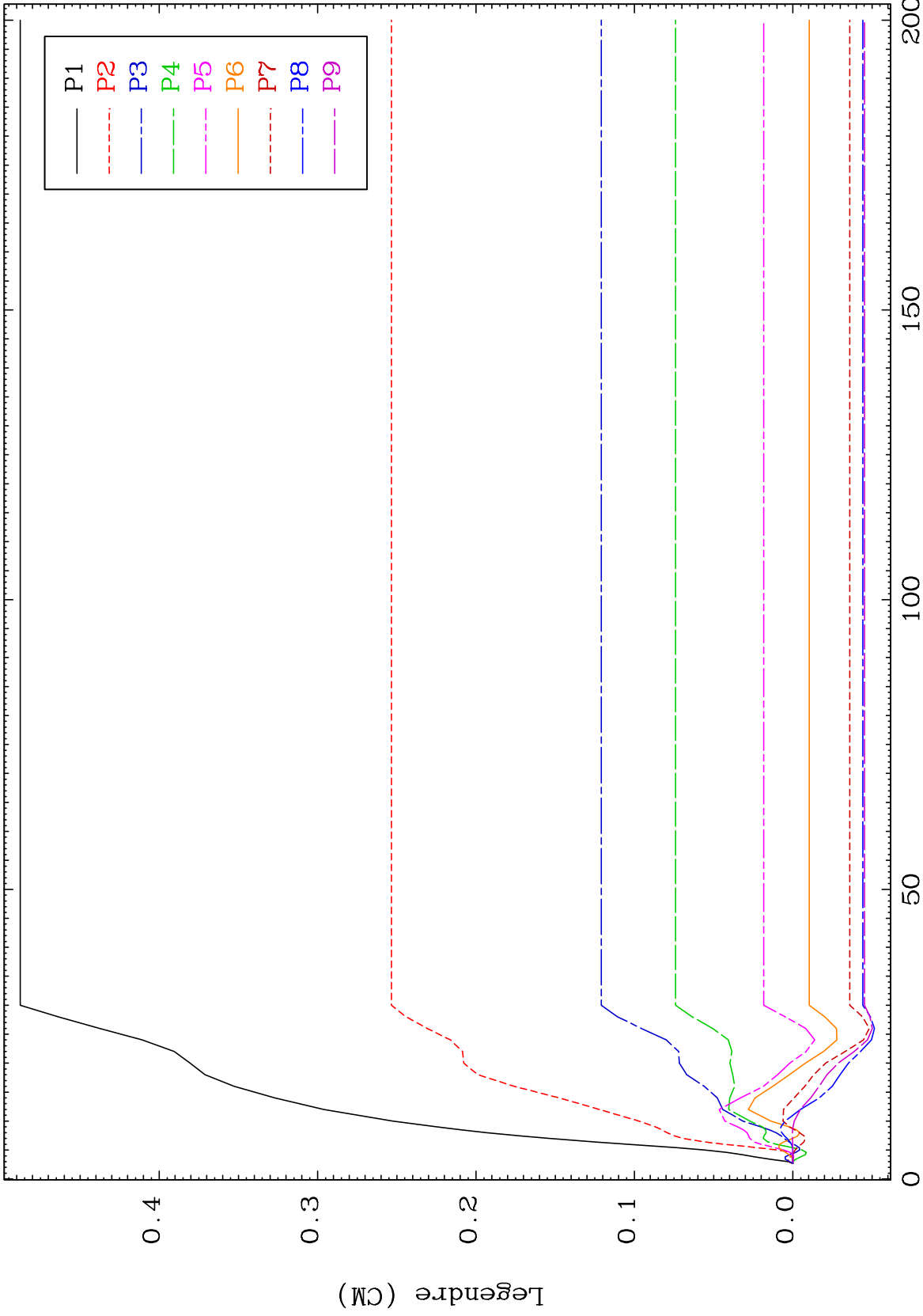
112

41-Nb-91

MAT 4119

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

41-Nb-91



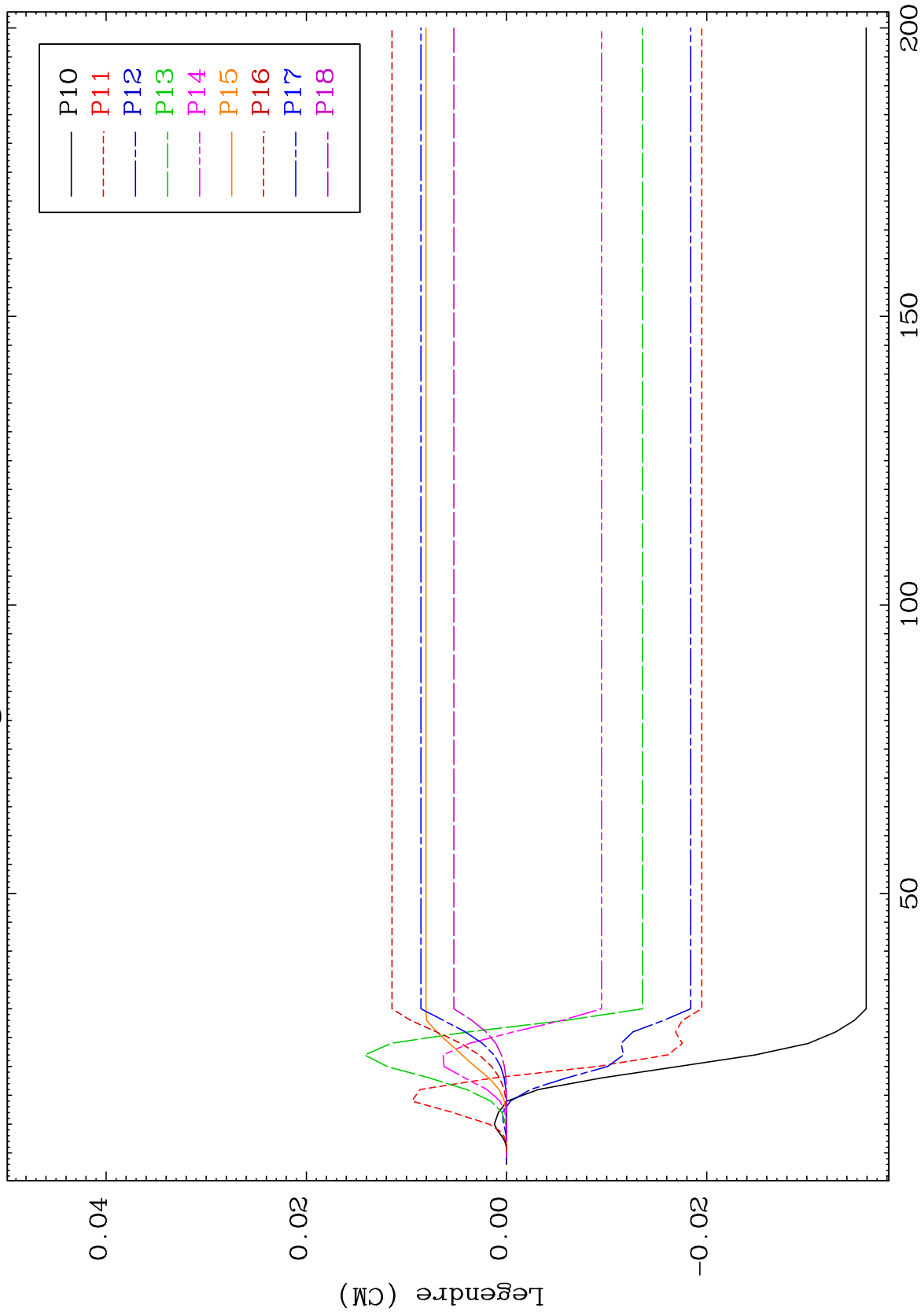
113

41-Nb-91

MAT 4119

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

41-Nb-91



114

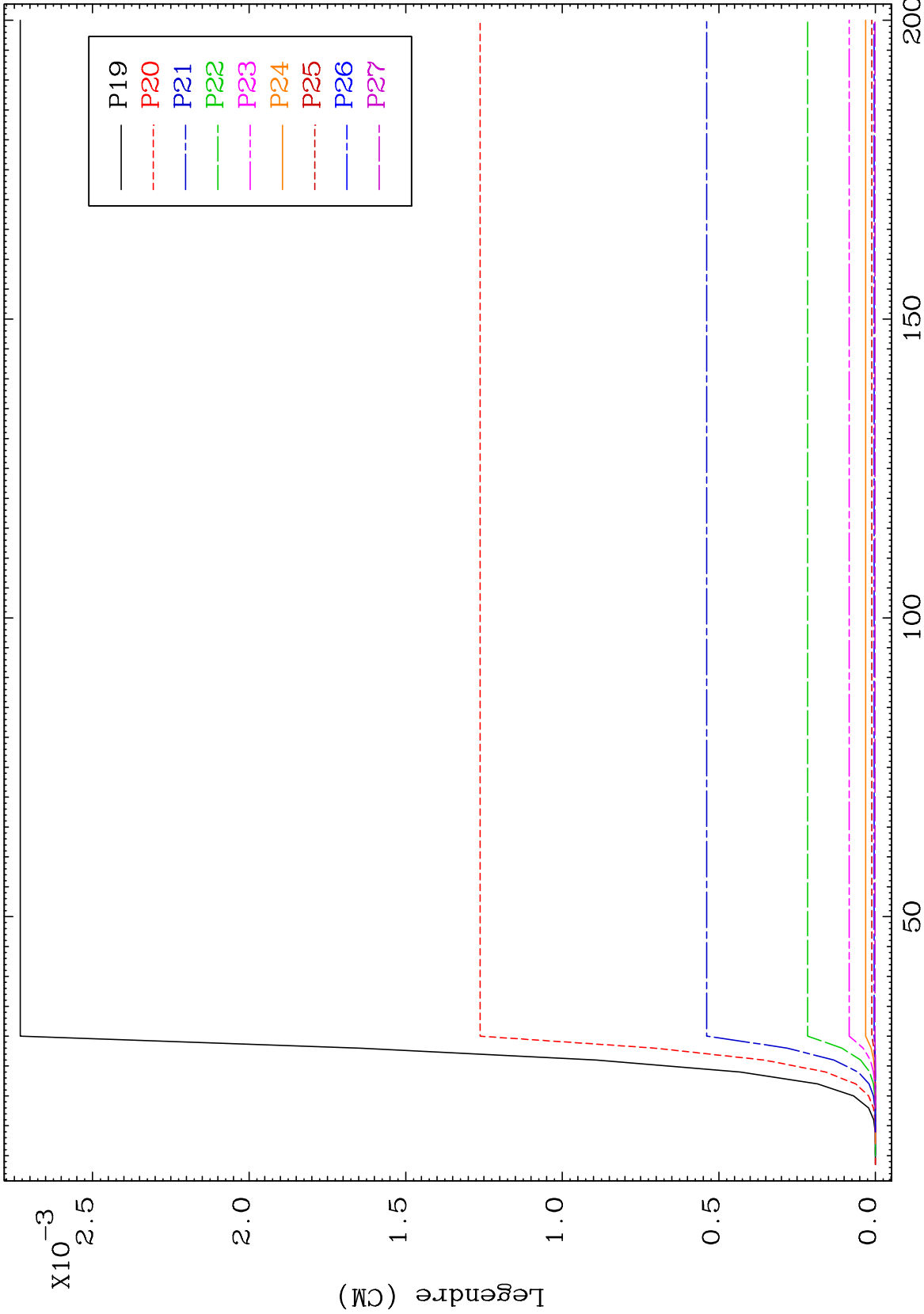
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



115

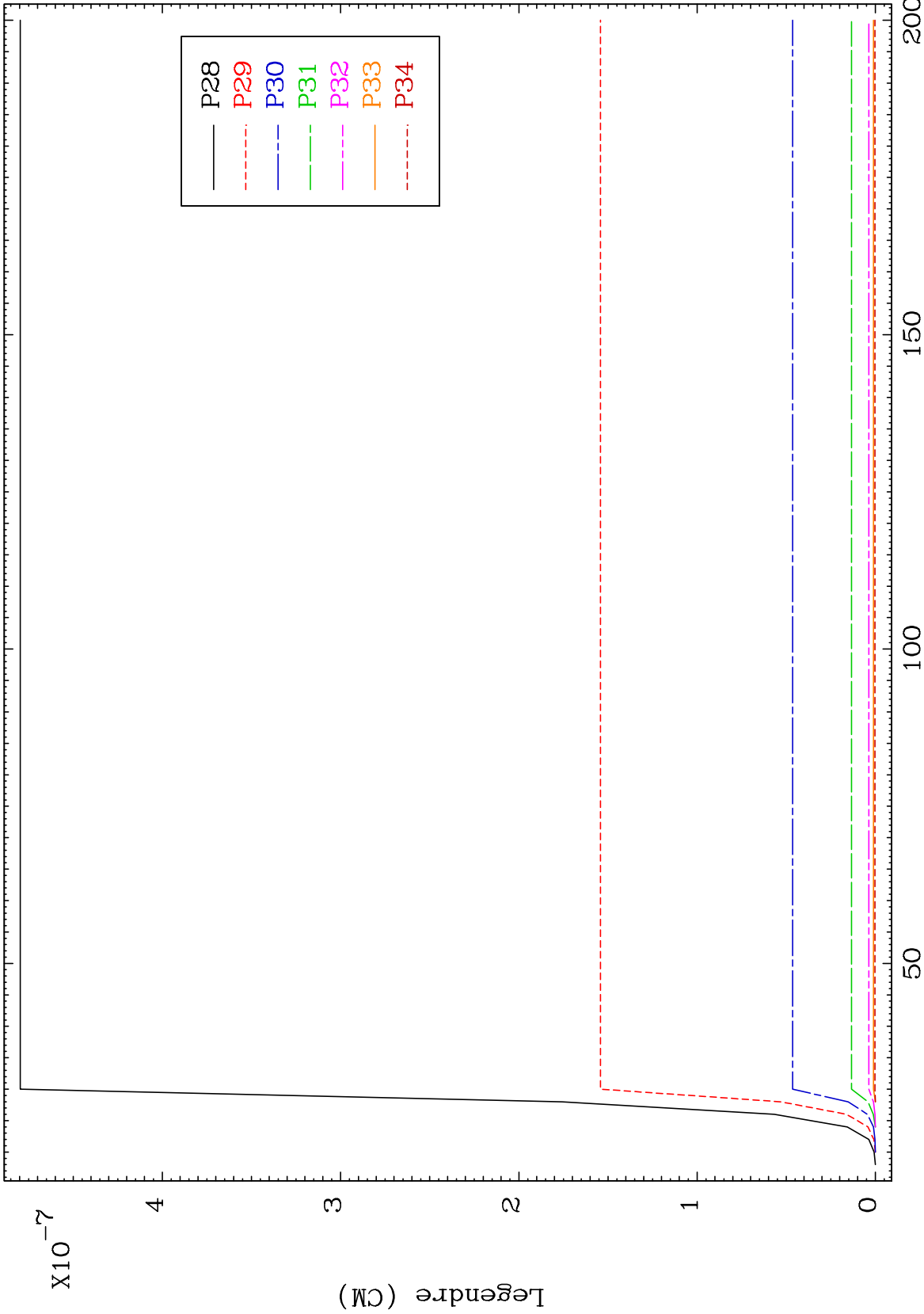
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



116

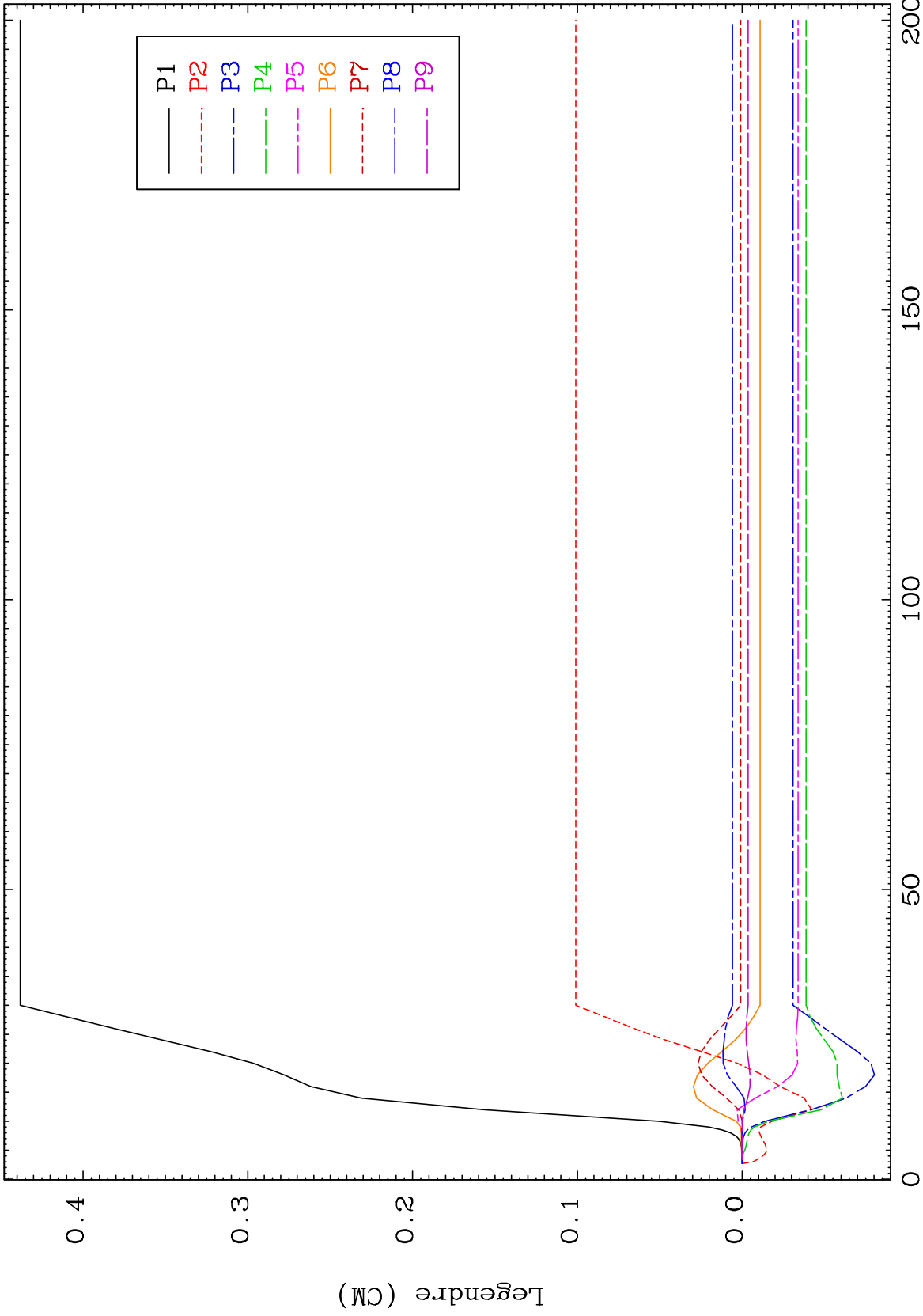
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



117

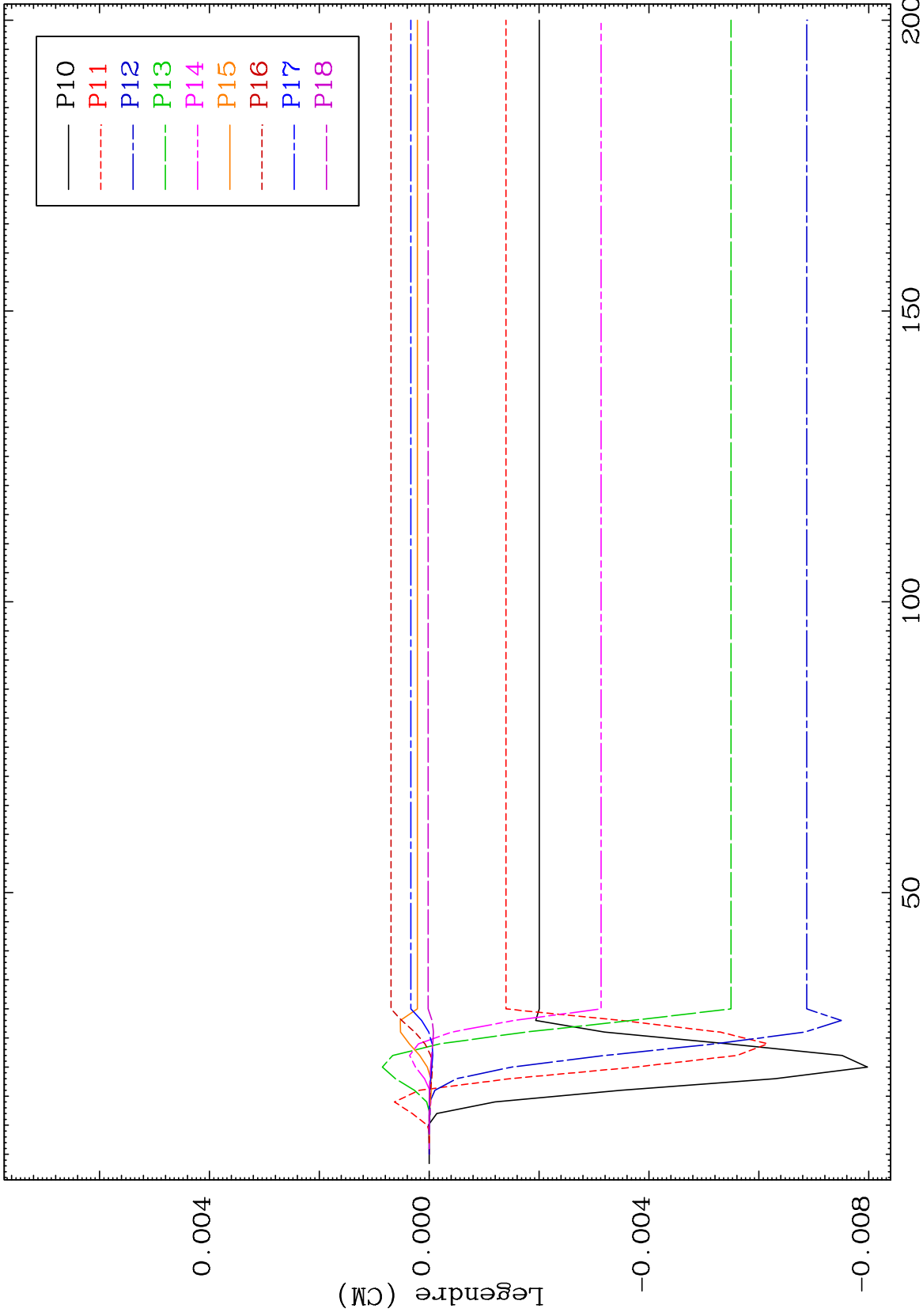
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



118

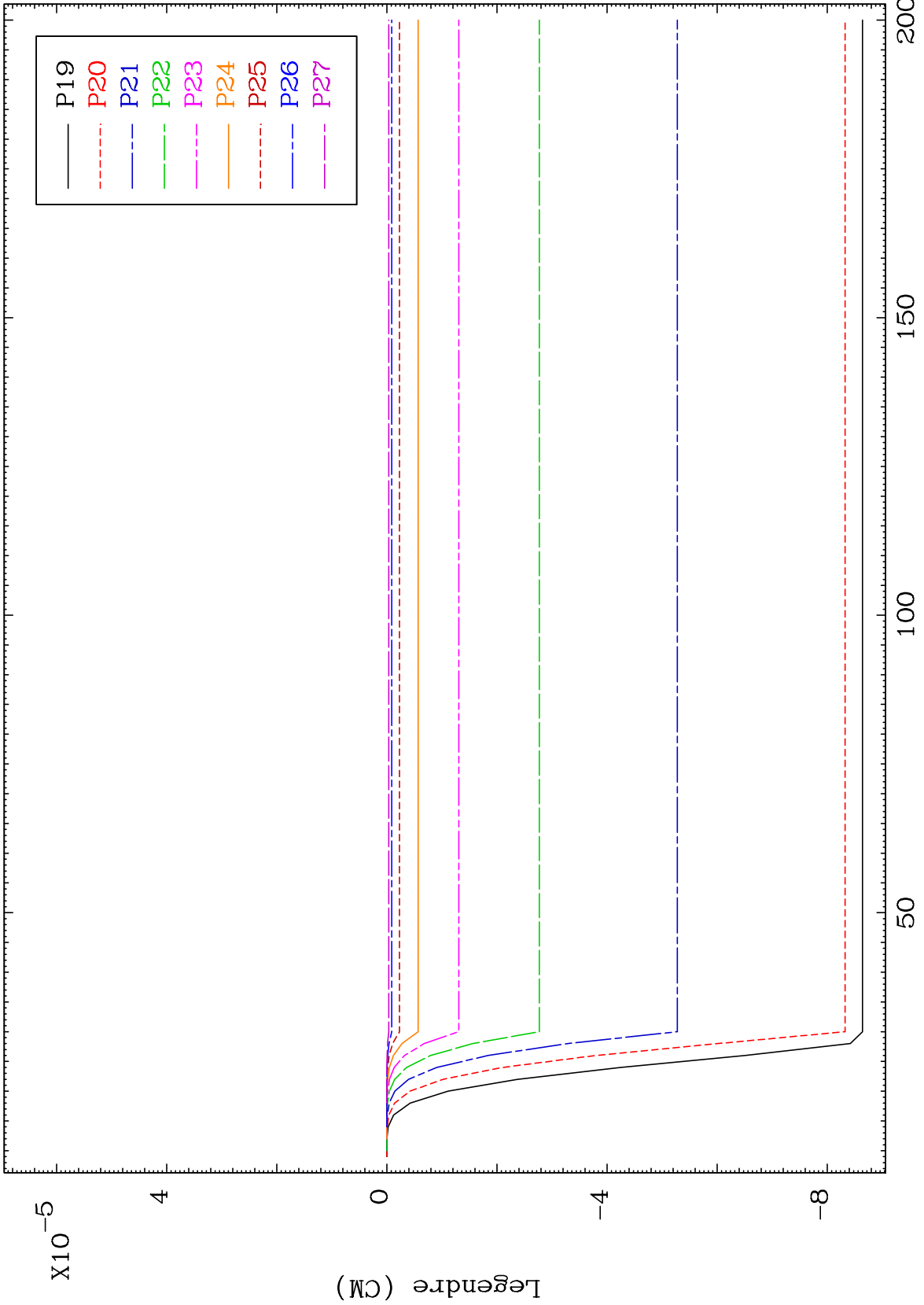
Incident Energy (MeV)

41-Nb-91

MAT 4119

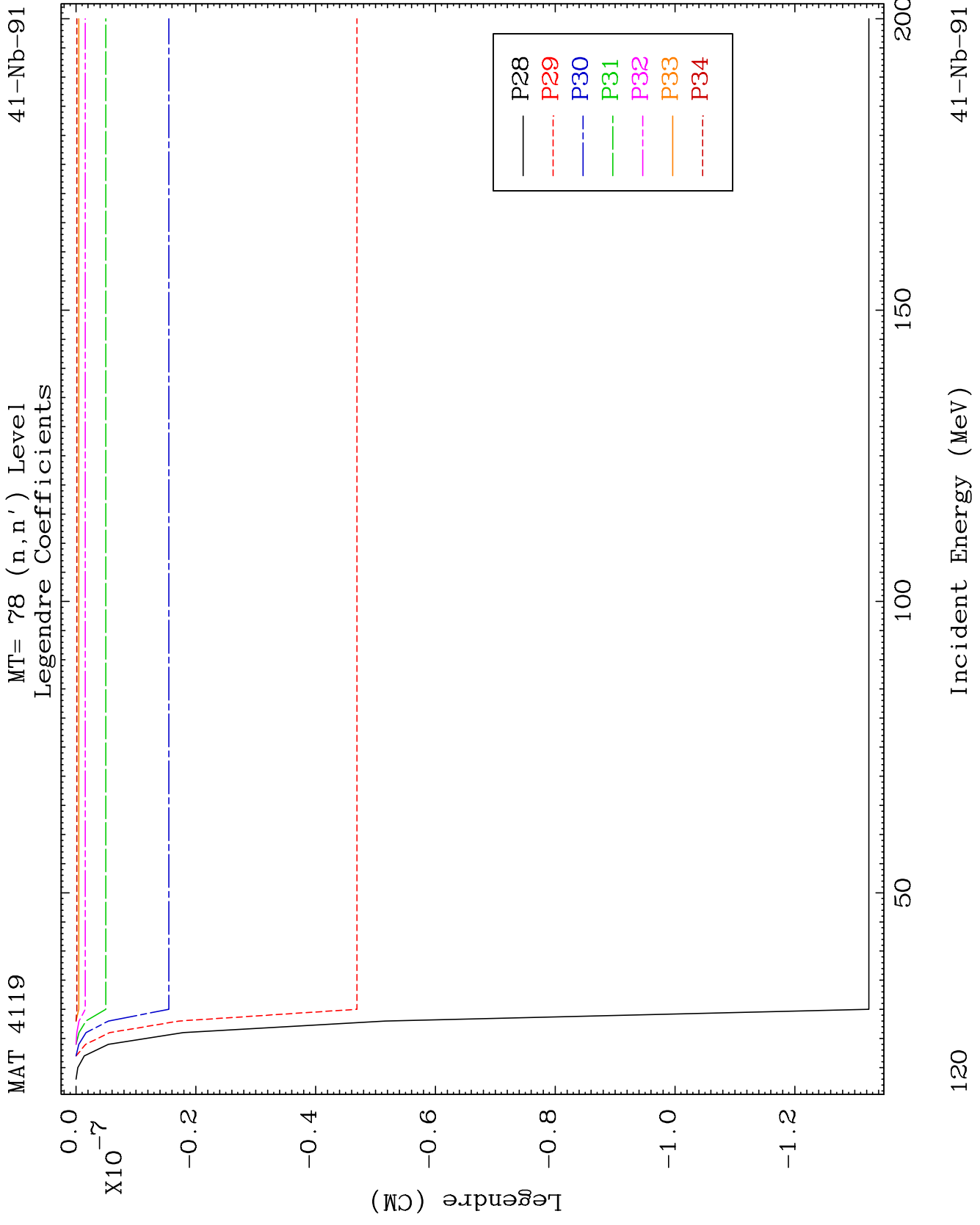
MT= 78 (n,n') Level
Legendre Coefficients

41-Nb-91



119

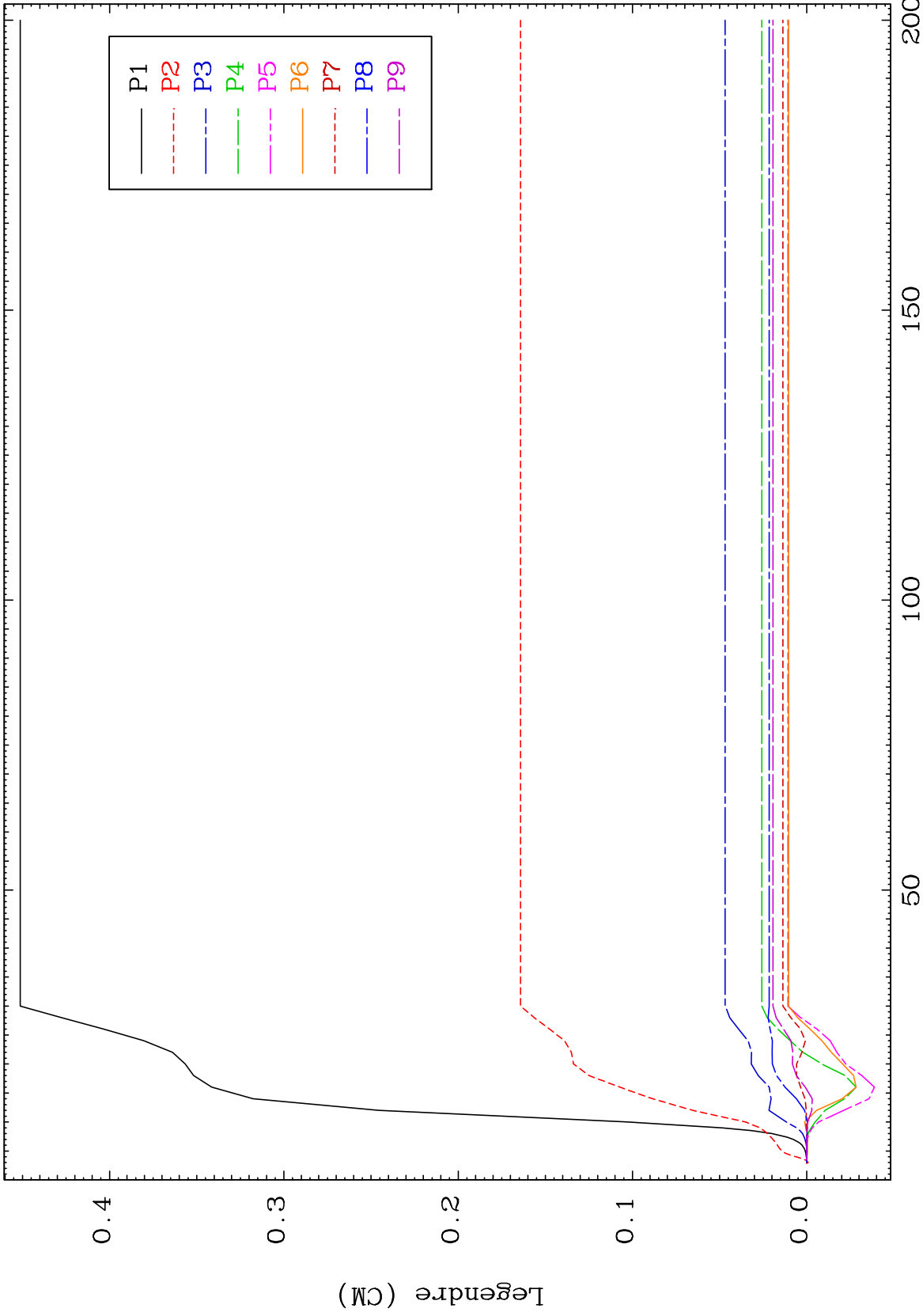
41-Nb-91



MAT 4119

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

41-Nb-91



121

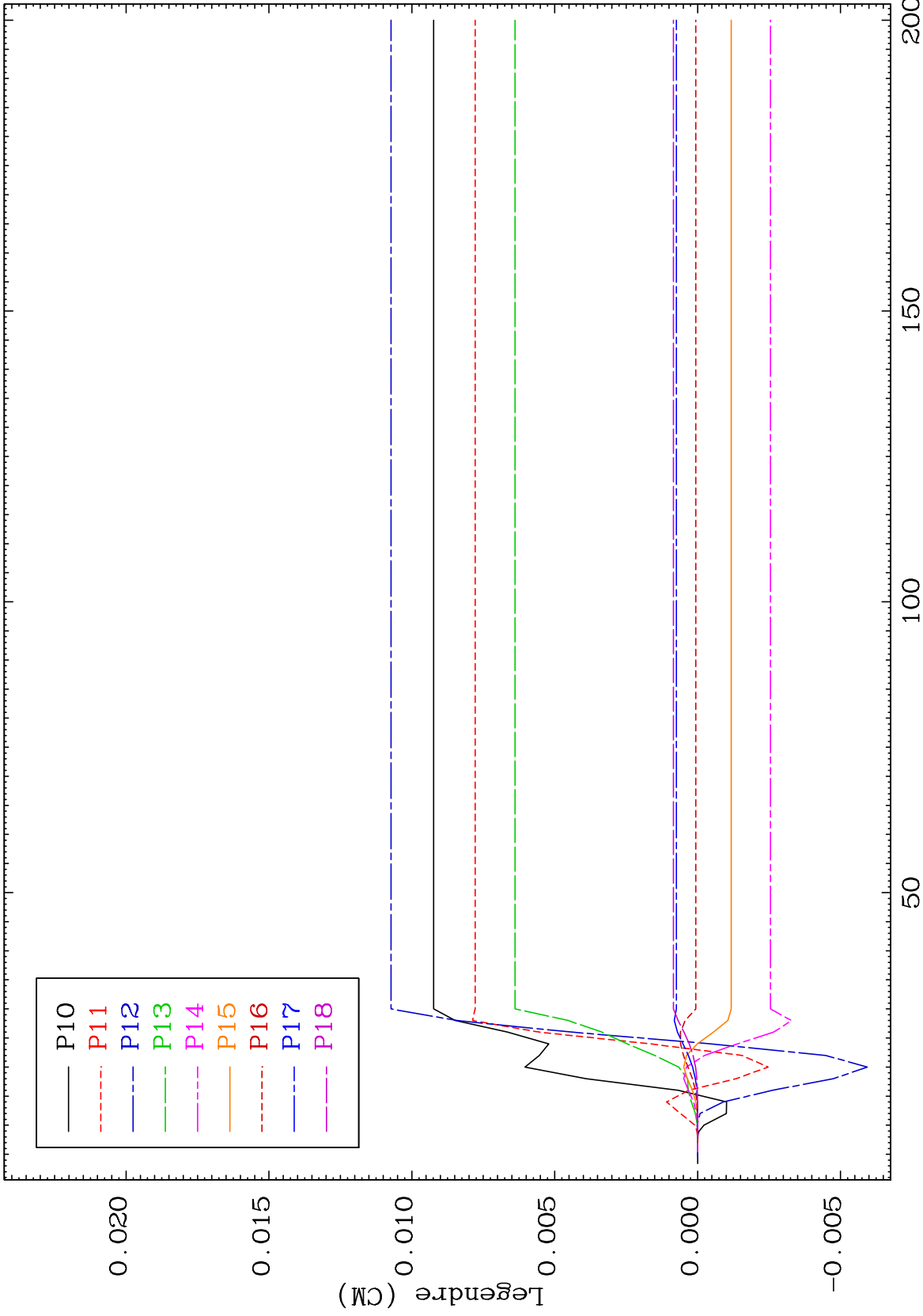
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



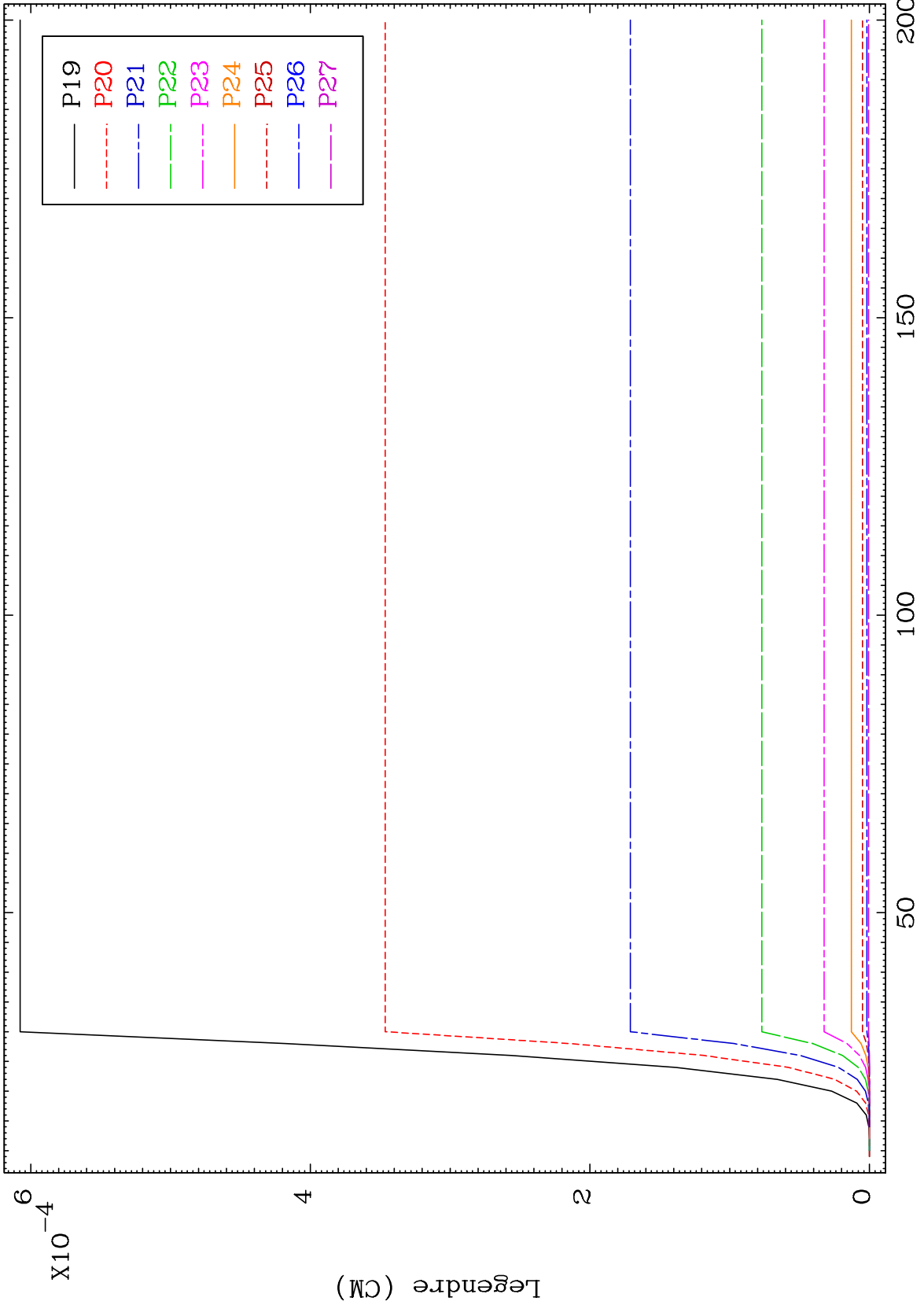
122

41-Nb-91

MAT 4119

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

41-Nb-91



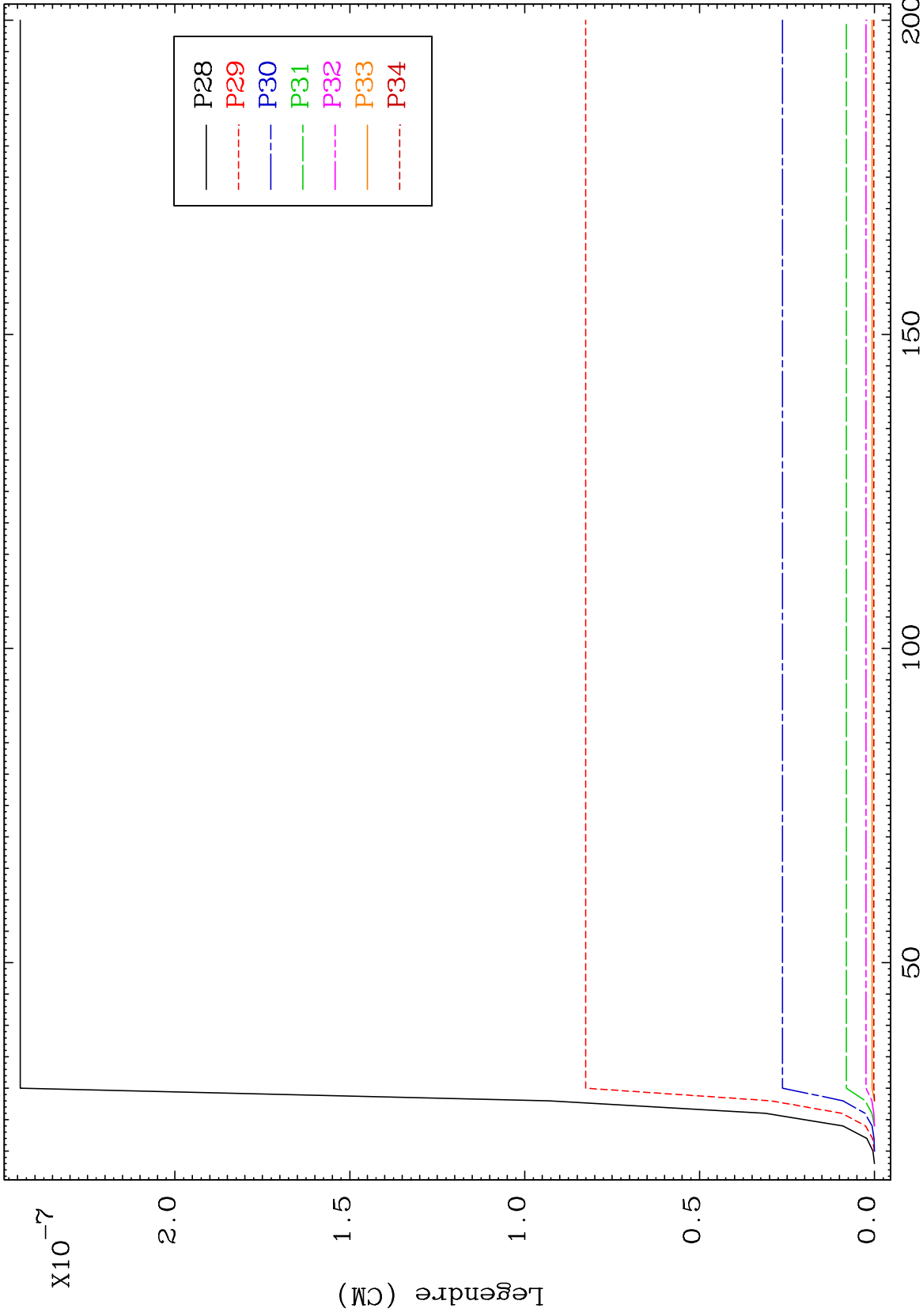
123

41-Nb-91

MAT 4119

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

41-Nb-91



124

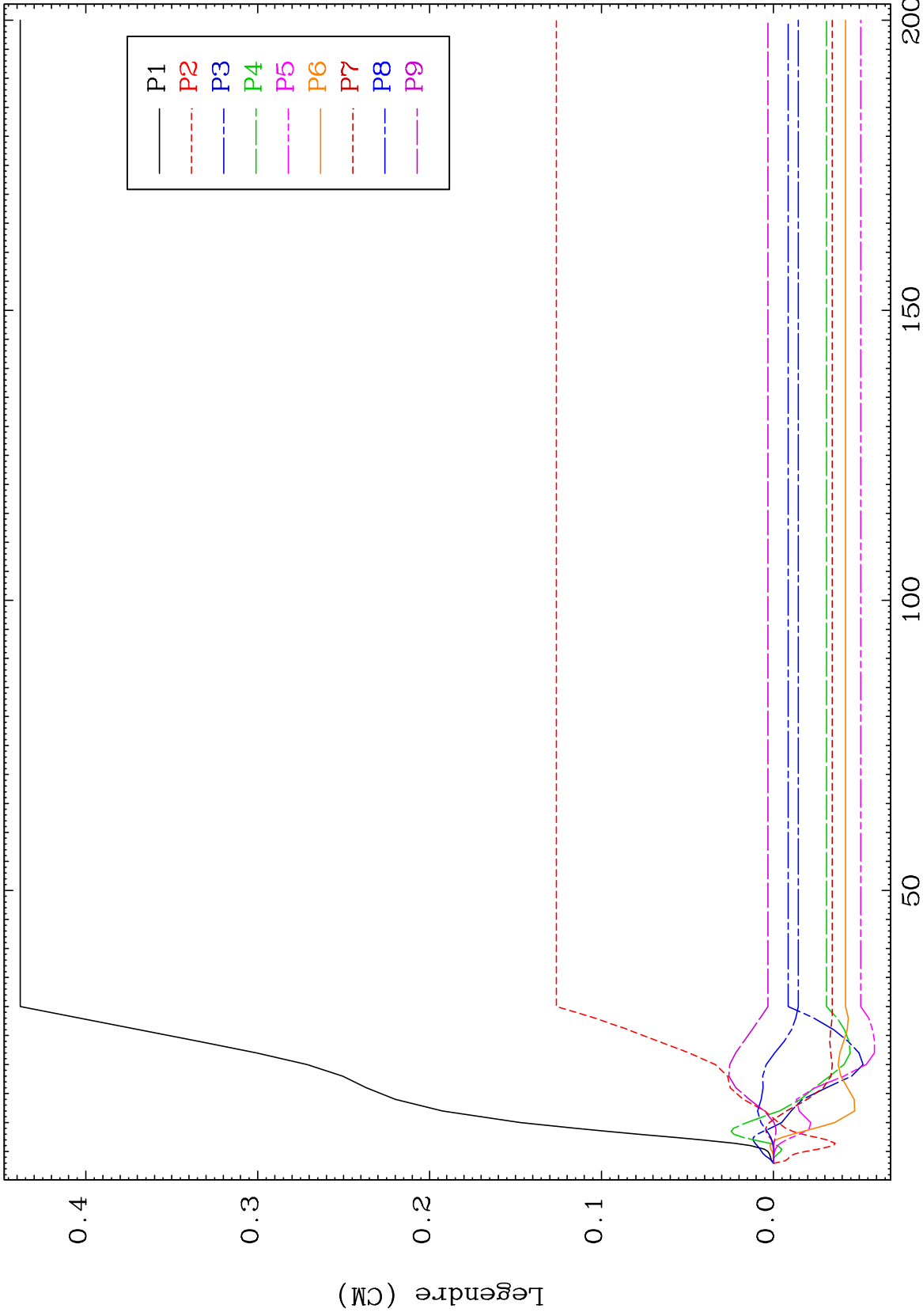
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91



125

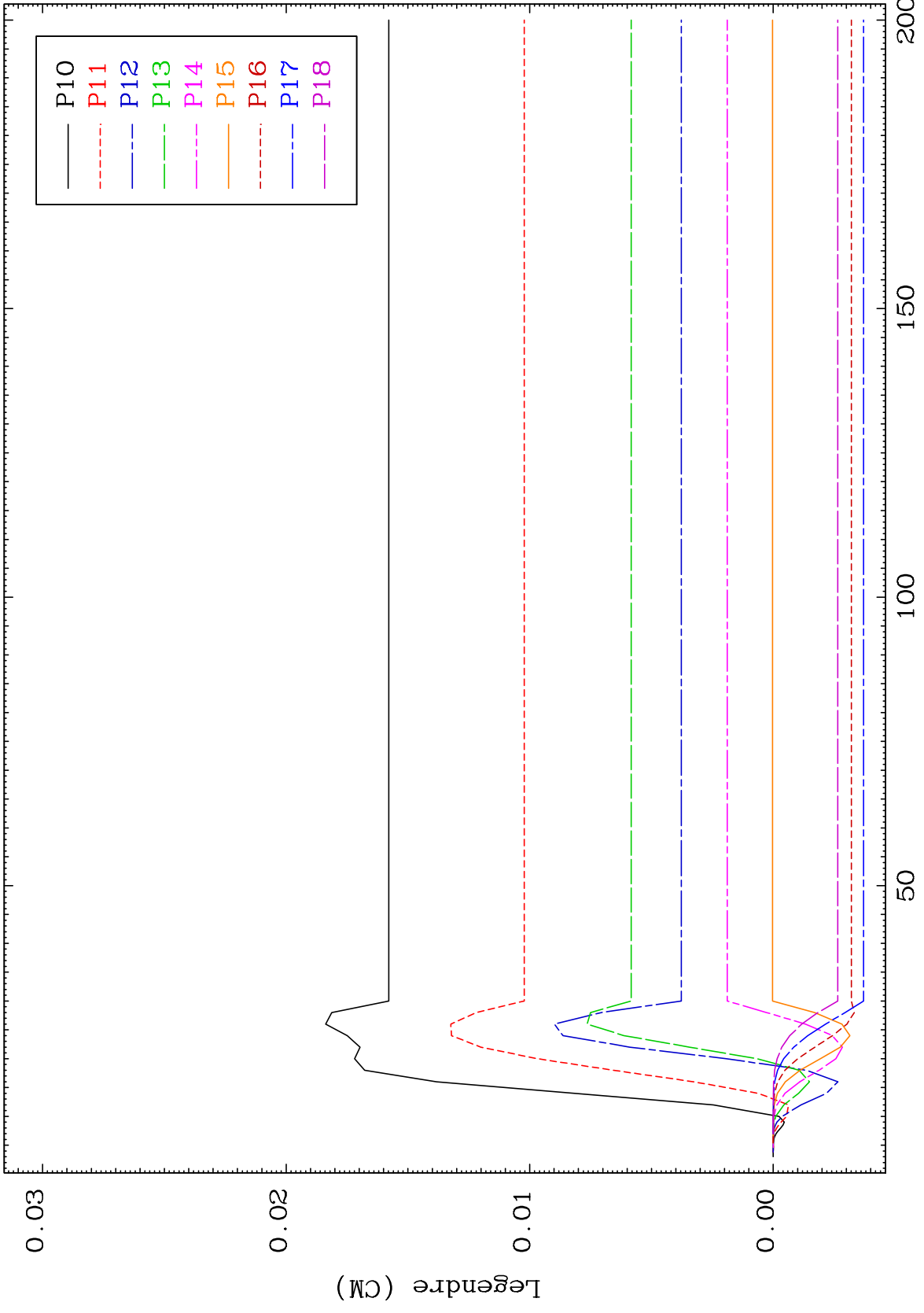
Incident Energy (MeV)

41-Nb-91

MAT 4119

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

41-Nb-91

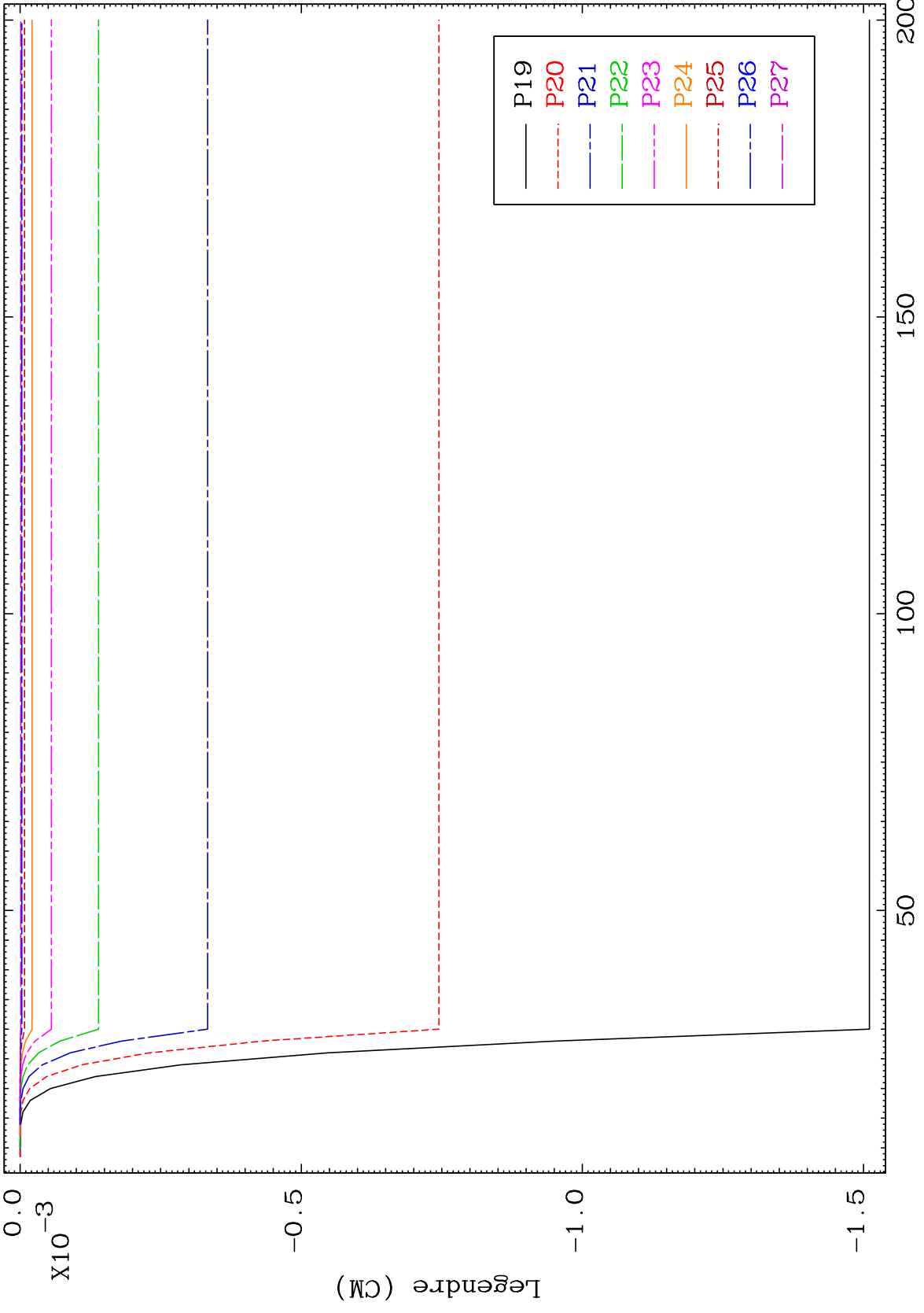


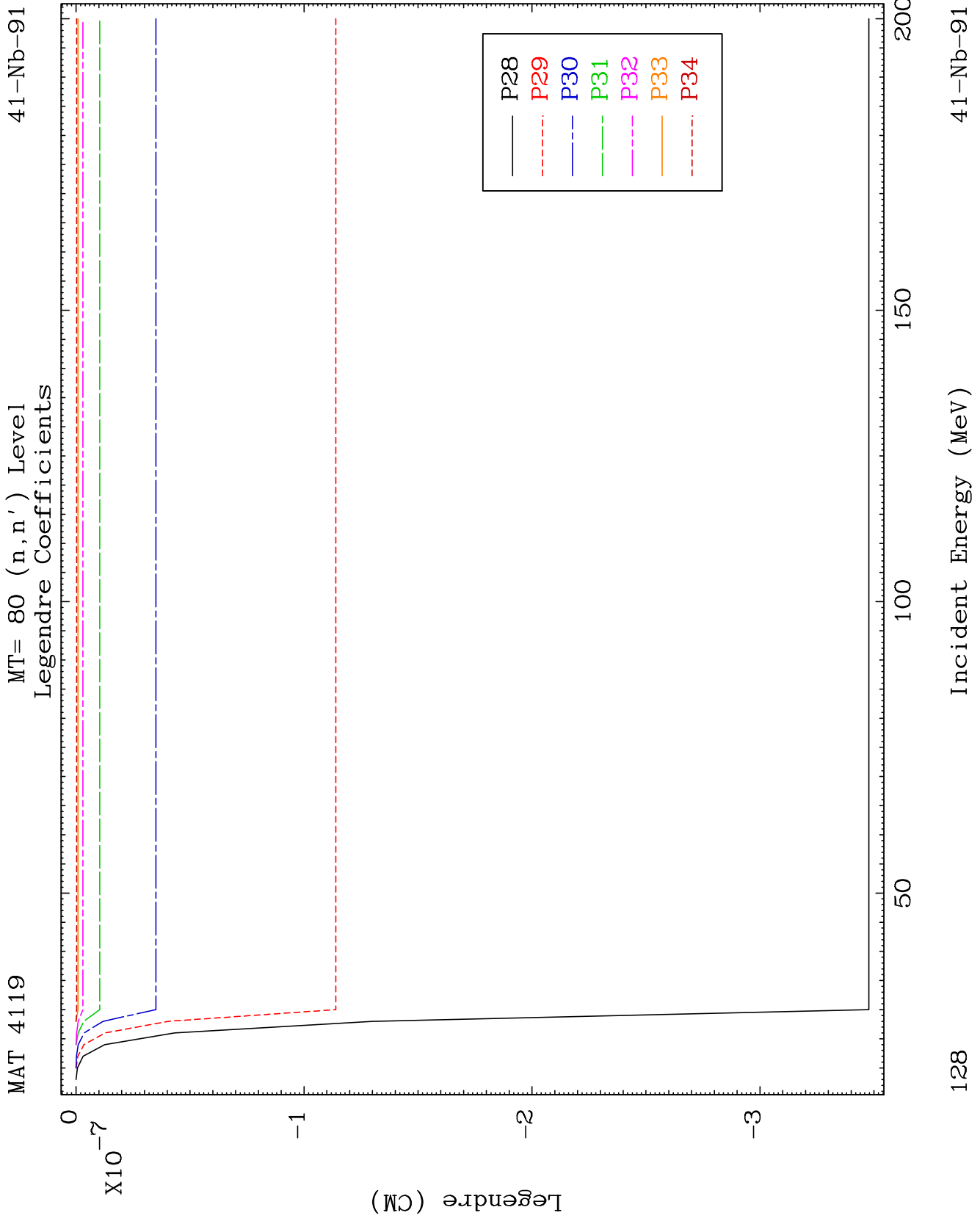
126

Incident Energy (MeV)

41-Nb-91

MAT 4119 MT= 80 (n,n') Level Legendre Coefficients 41-Nb-91

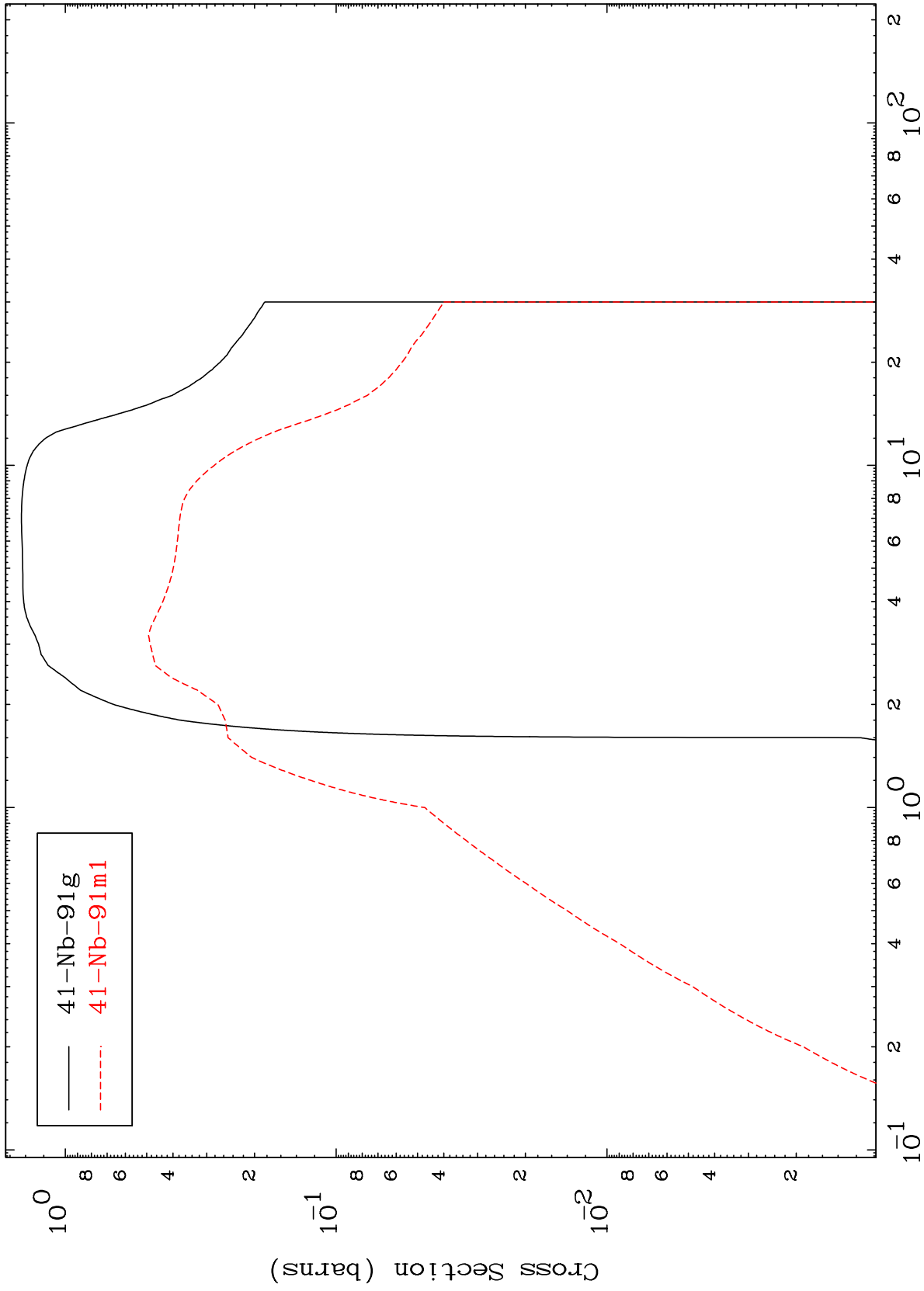




MAT 4119

Inelastic Radionuclide Production Cross Section

41-Nb-91



129

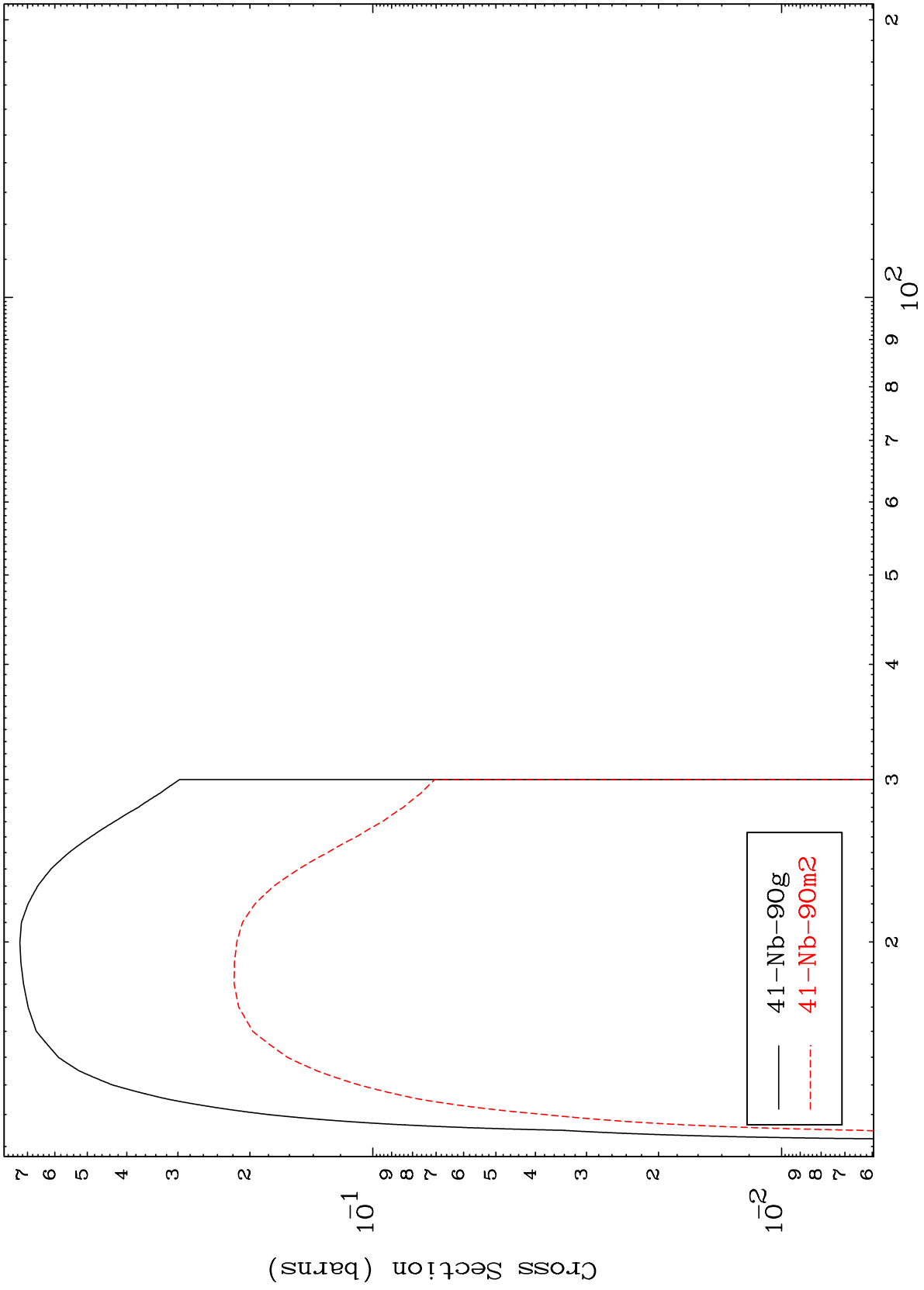
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,2n)
Radionuclide Production Cross Section



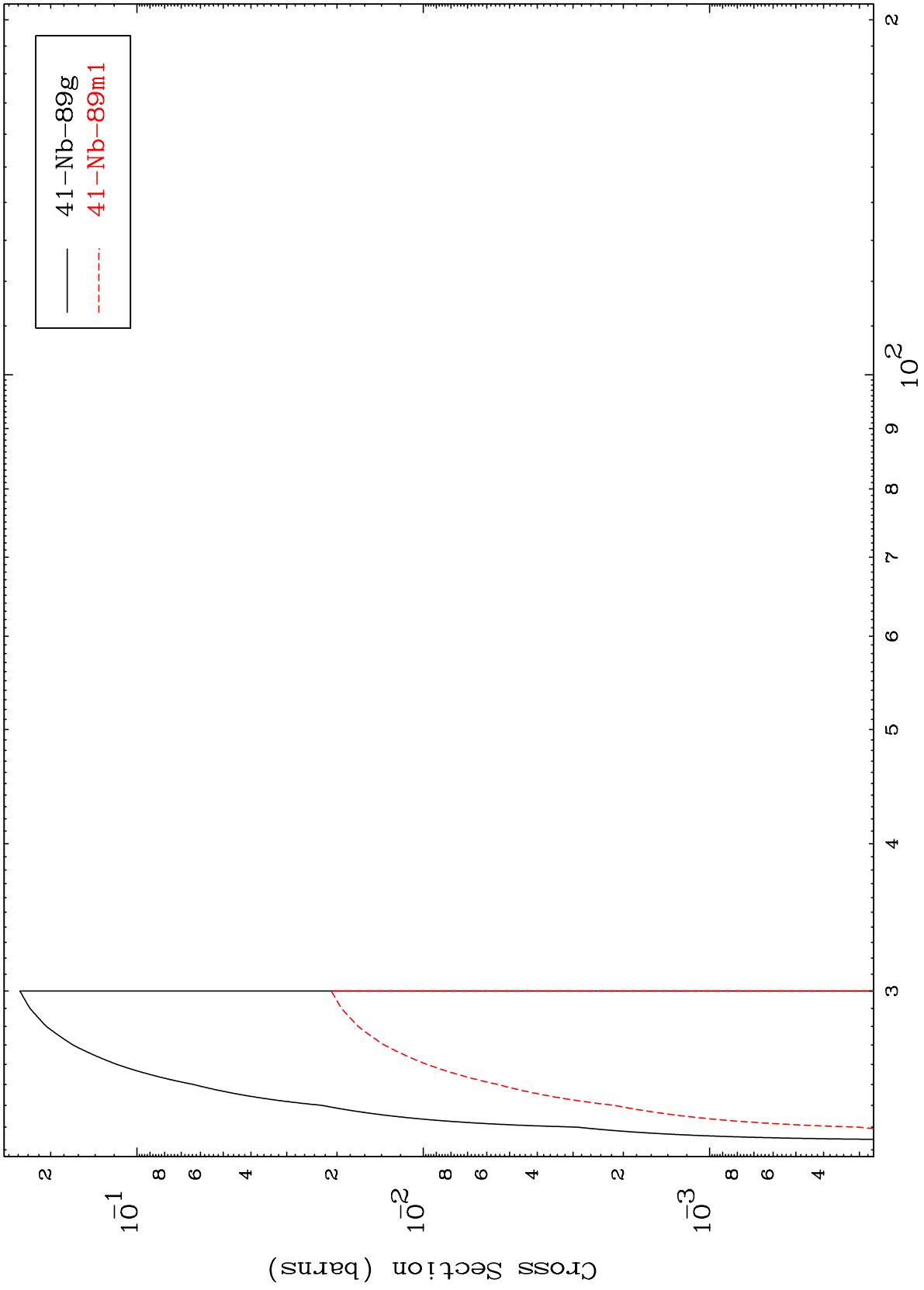
130

41-Nb-91

MAT 4119

41-Nb-91

(n,3n)
Radionuclide Production Cross Section



131

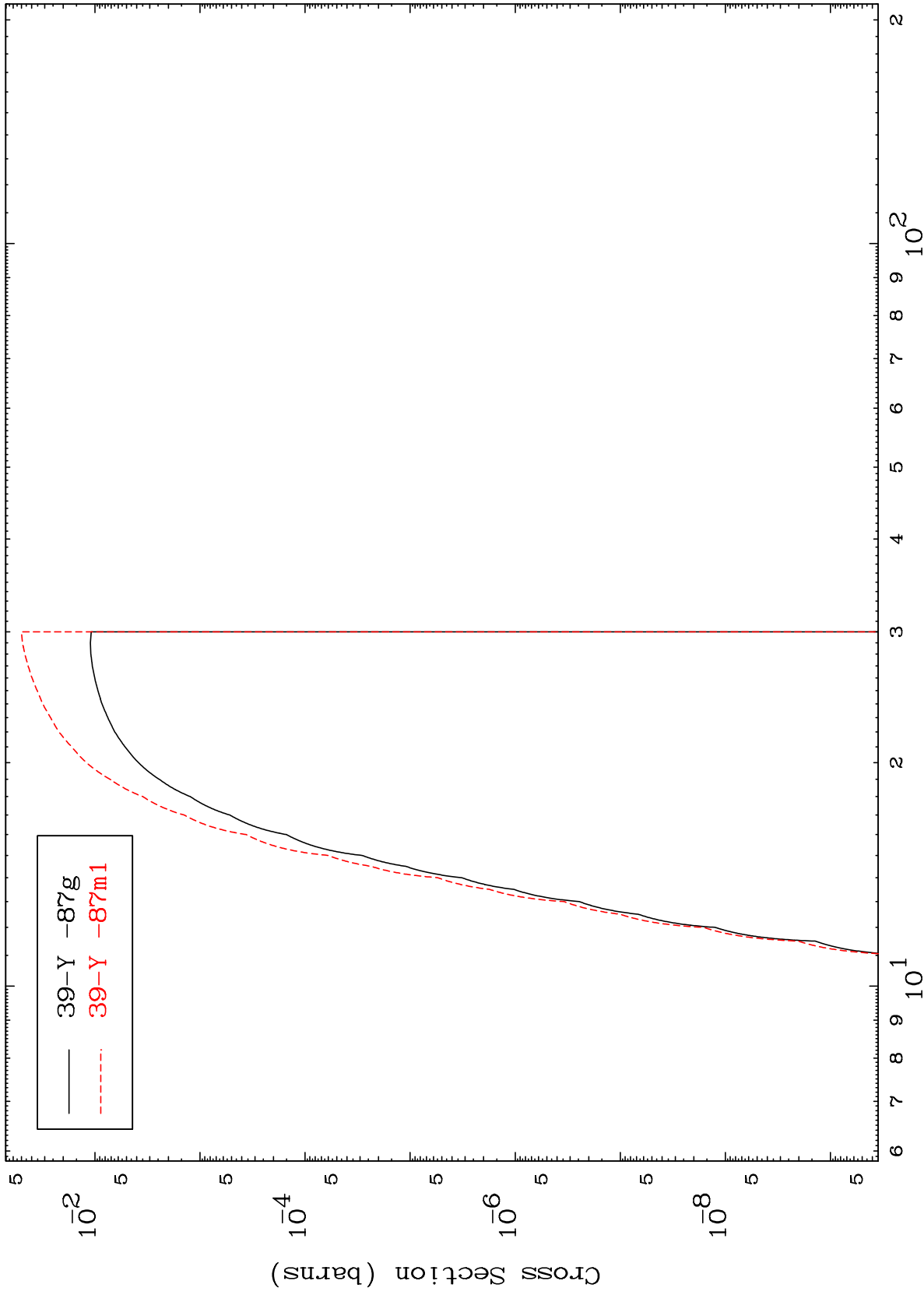
41-Nb-91

MAT 4119

(n,n') α

41-Nb-91

Radionuclide Production Cross Section



132

Incident Energy (MeV)

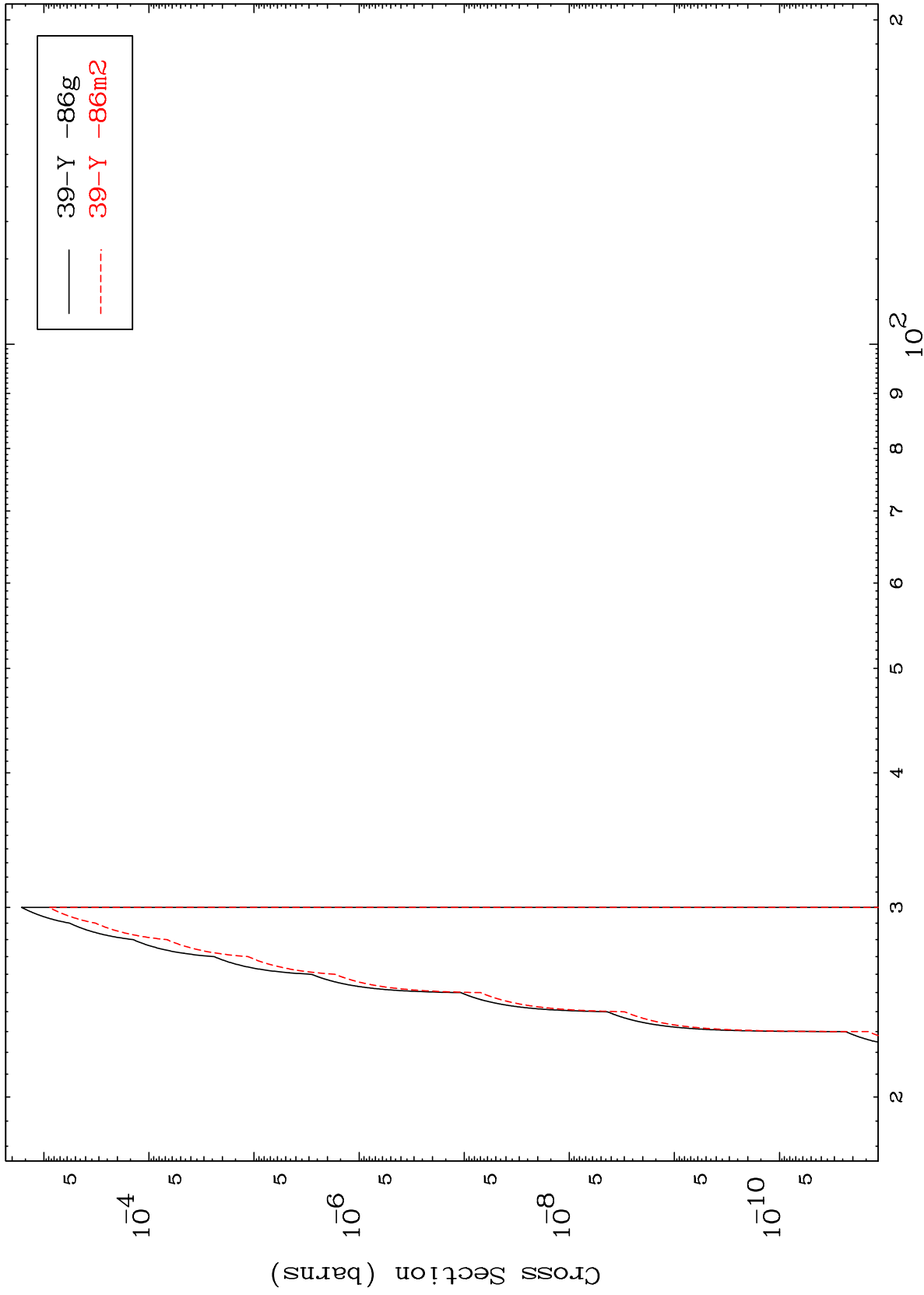
41-Nb-91

MAT 4119

(n,2n) α

41-Nb-91

Radionuclide Production Cross Section



133

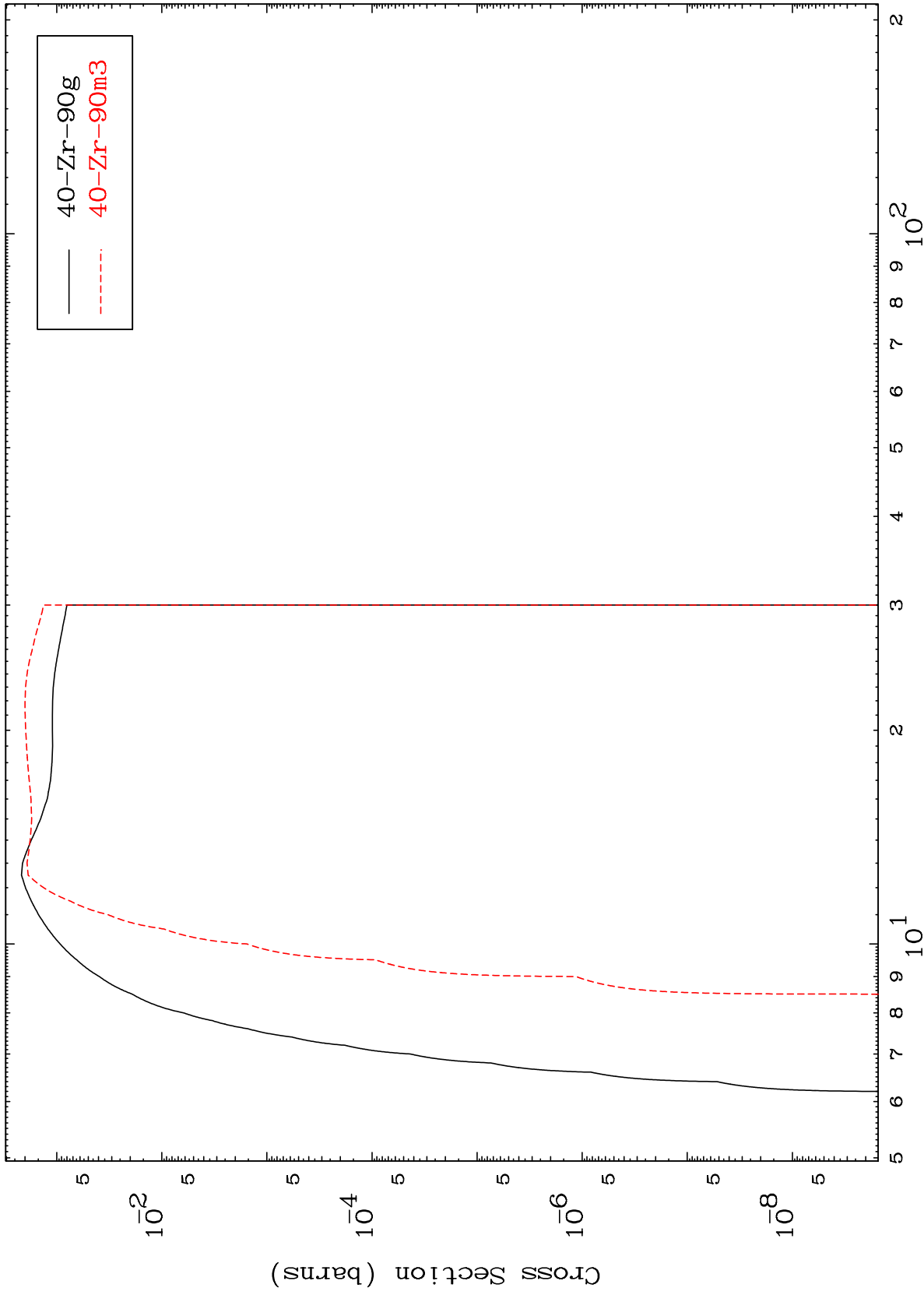
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

(n,n') p
Radionuclide Production Cross Section



134

Incident Energy (MeV)

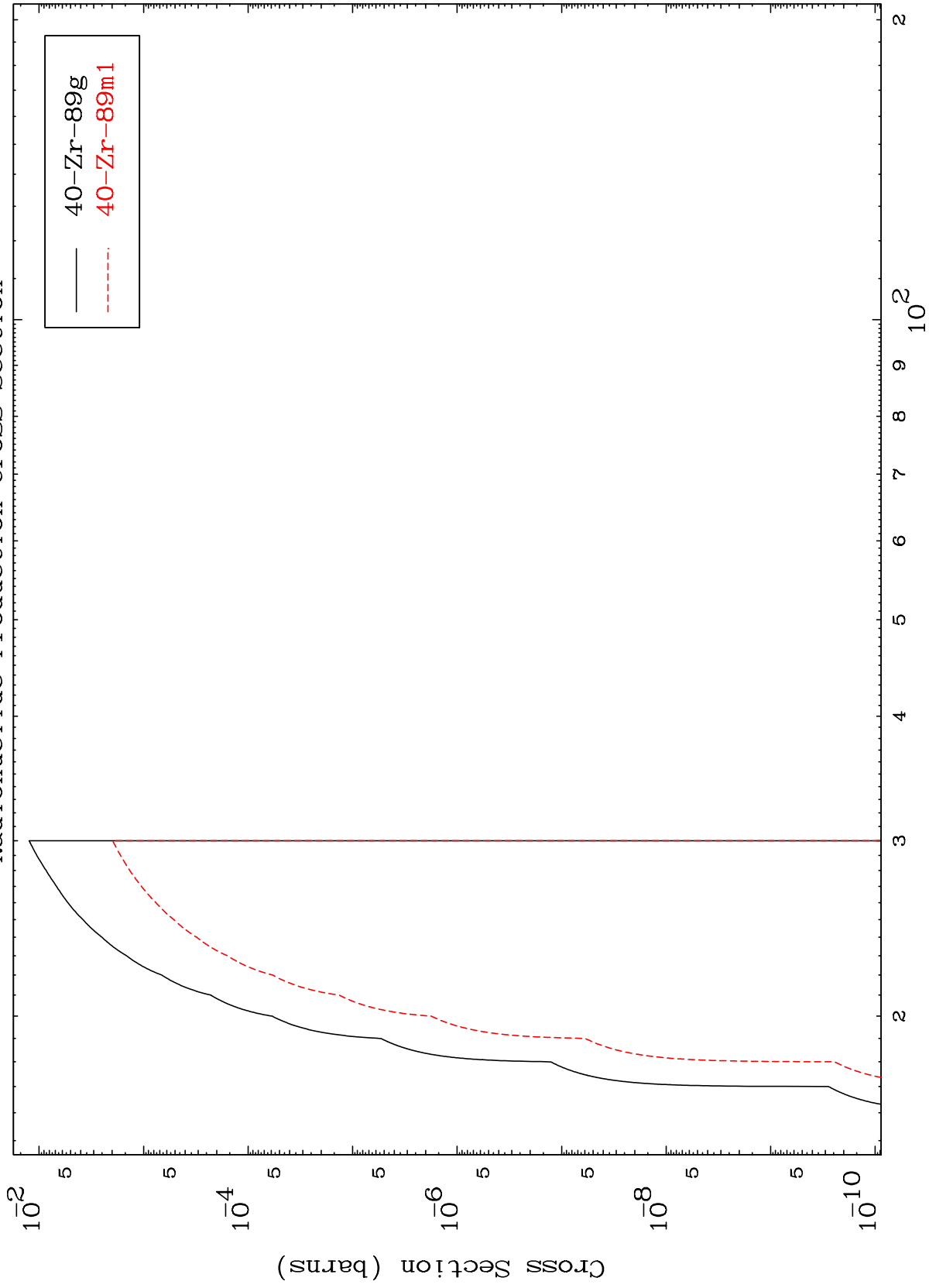
41-Nb-91

MAT 4119

(n,n') d

41-Nb-91

Radionuclide Production Cross Section



135

Incident Energy (MeV)

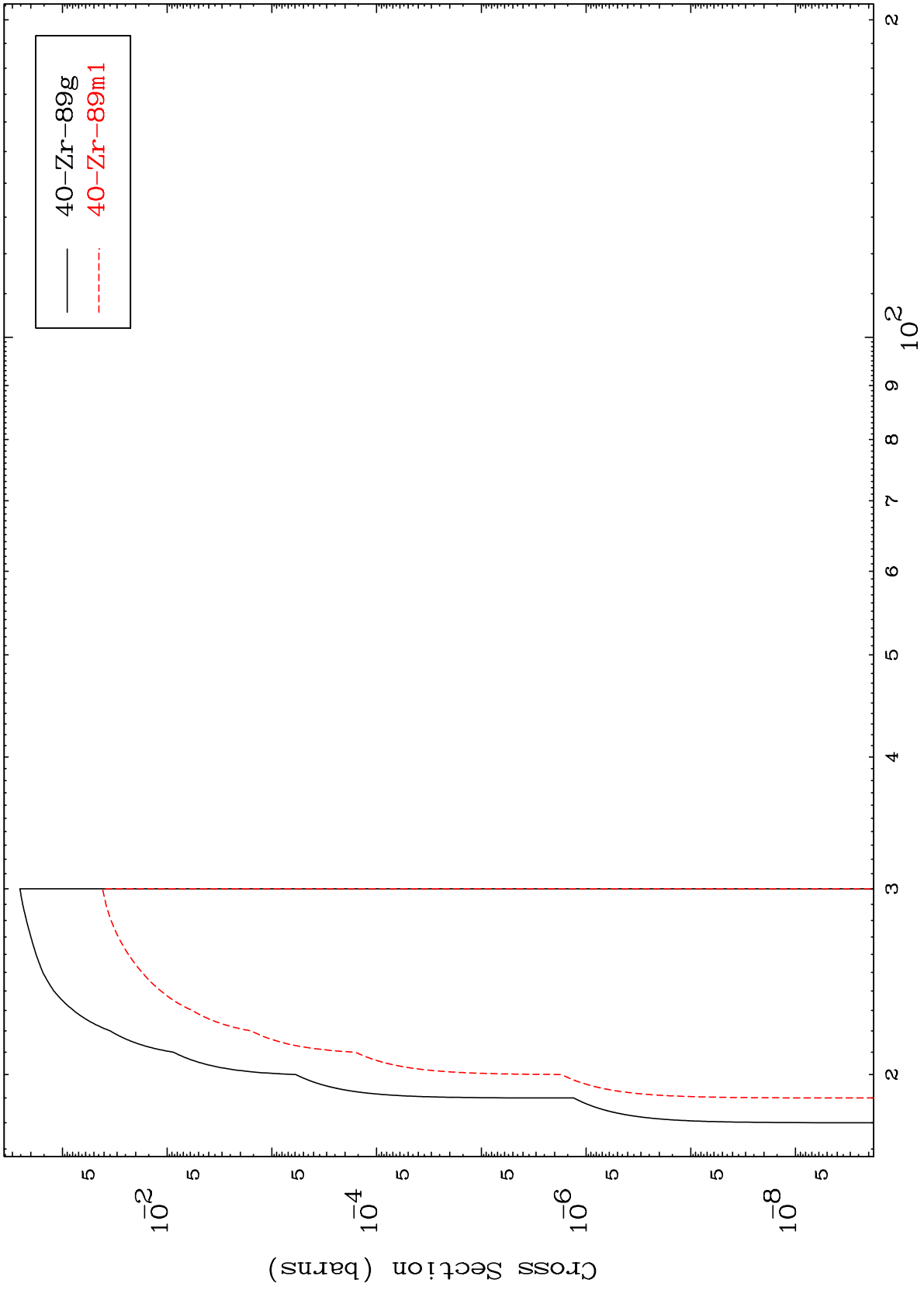
41-Nb-91

MAT 4119

(n,2n) p

41-Nb-91

Radionuclide Production Cross Section



136

Incident Energy (MeV)

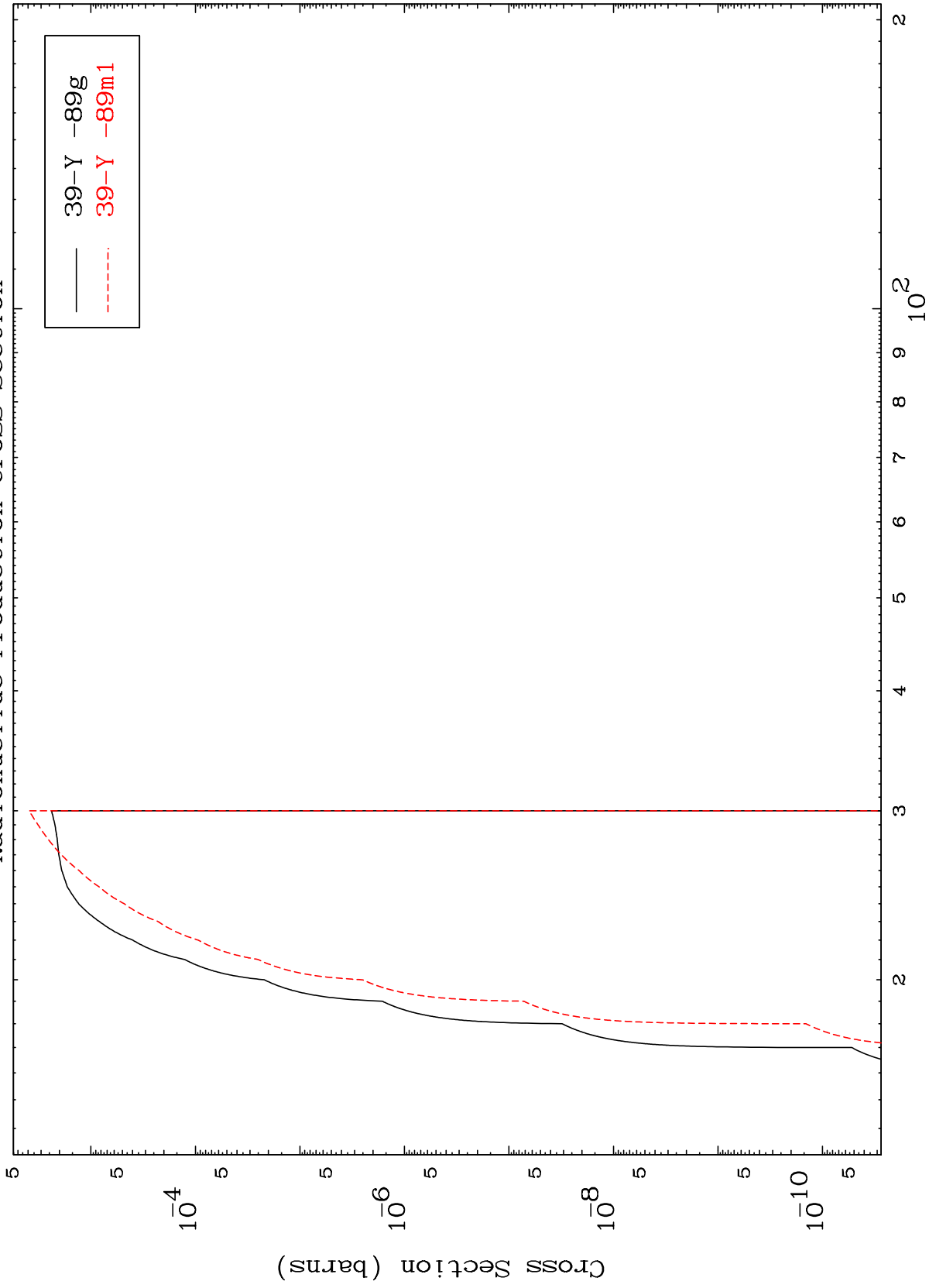
41-Nb-91

MAT 4119

(n,2n) p

41-Nb-91

Radionuclide Production Cross Section



137

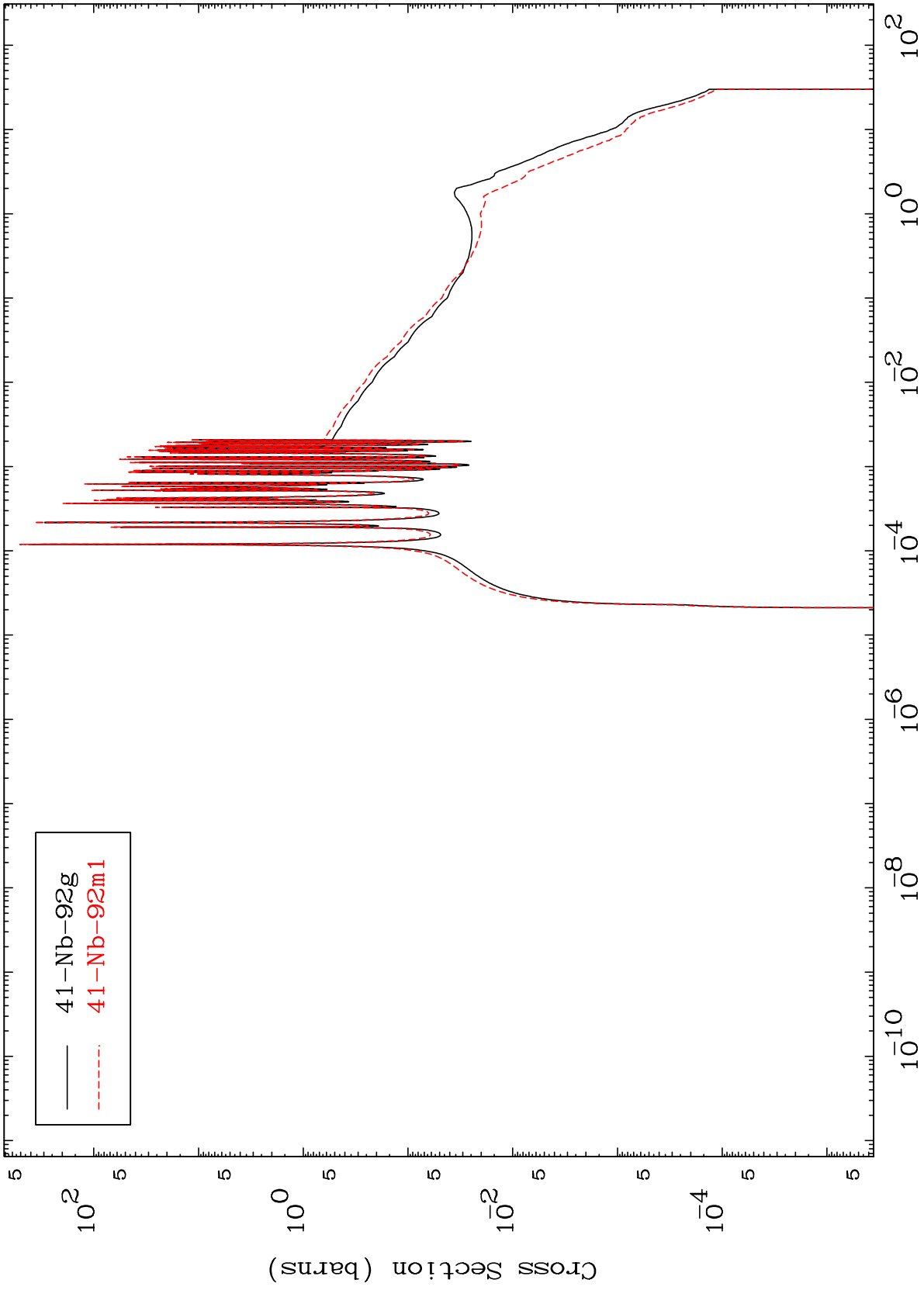
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

Radionuclide Production Cross Section
(n,γ)



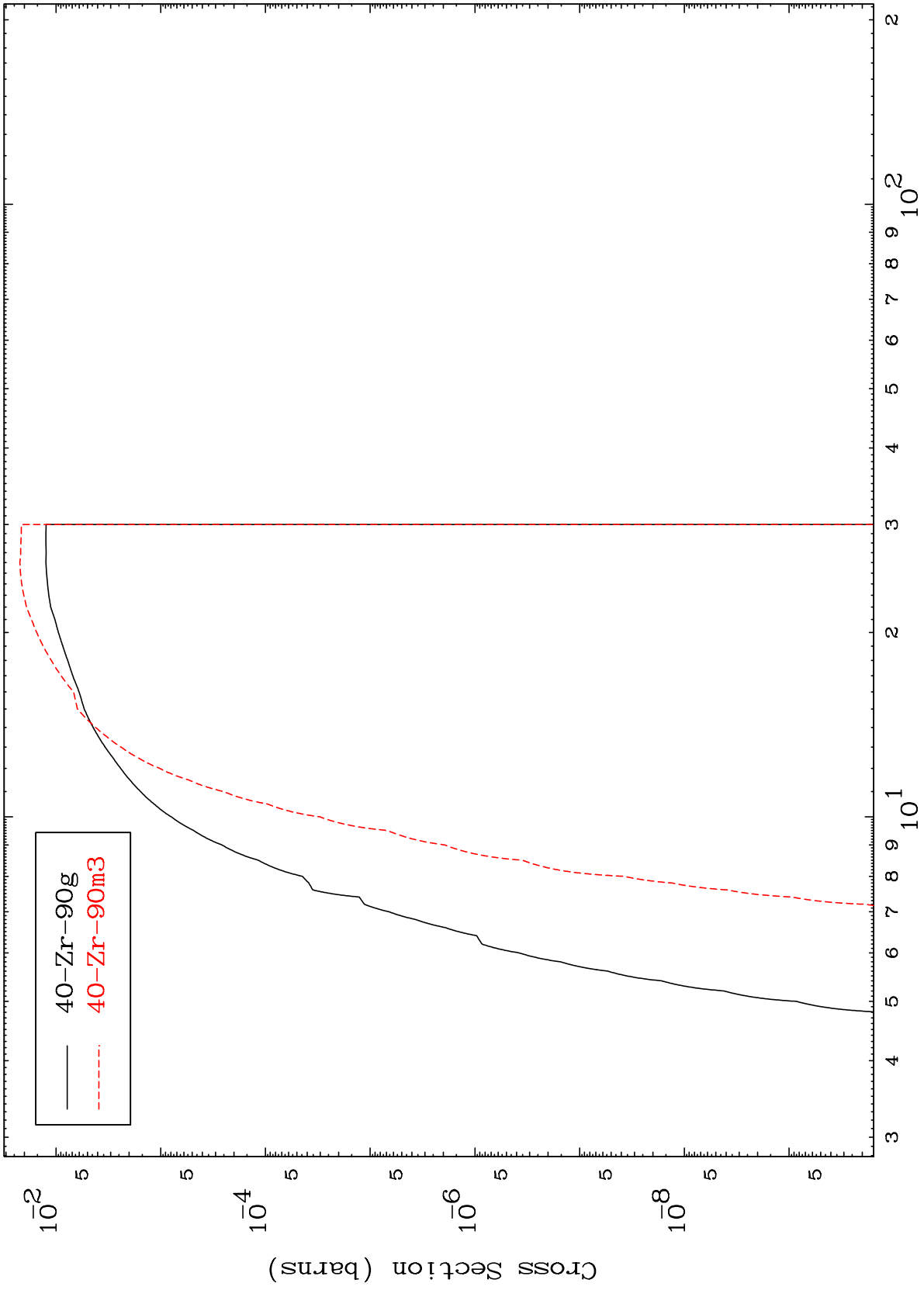
138

41-Nb-91

MAT 4119

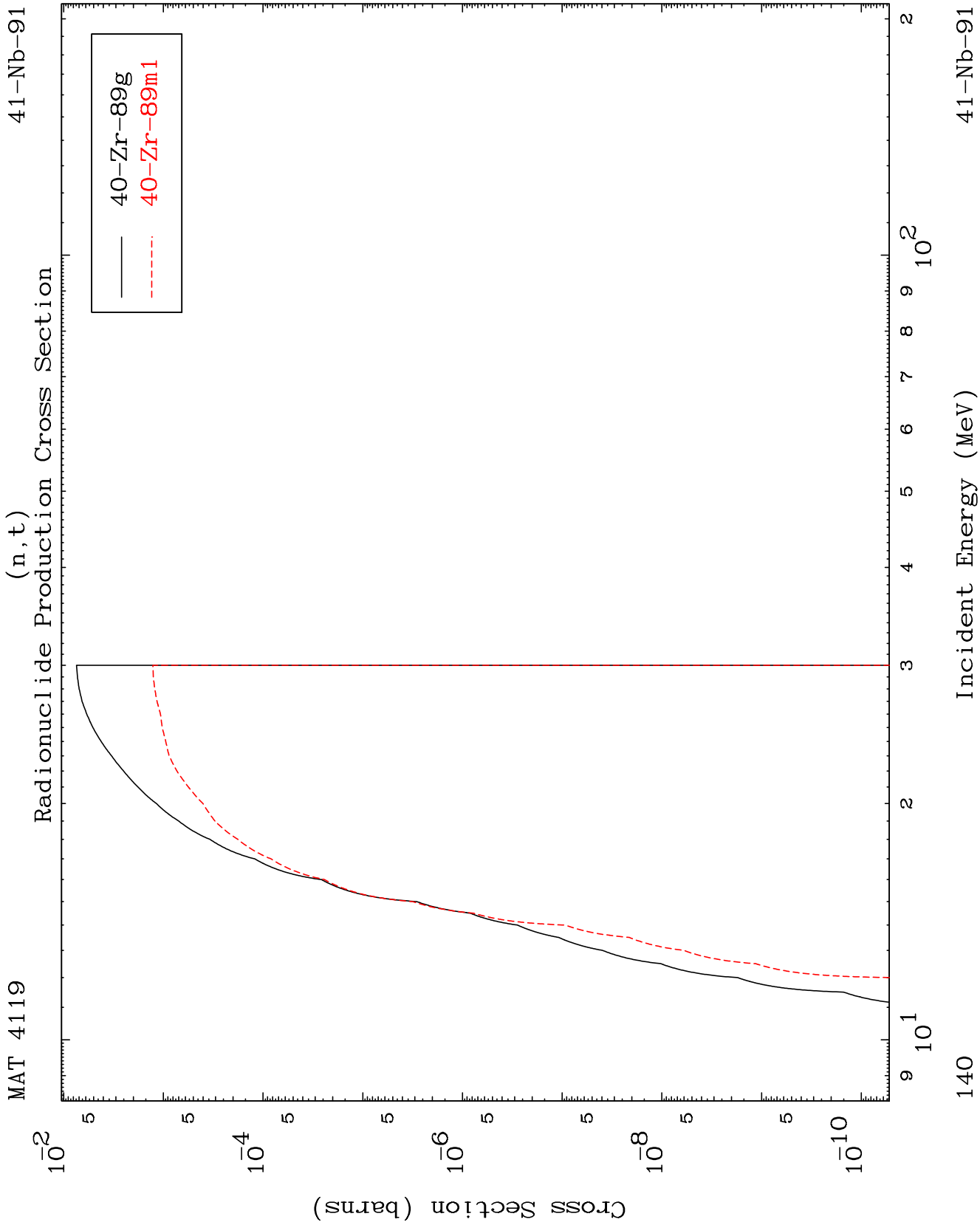
41-Nb-91

(n,d)
Radionuclide Production Cross Section



139

41-Nb-91

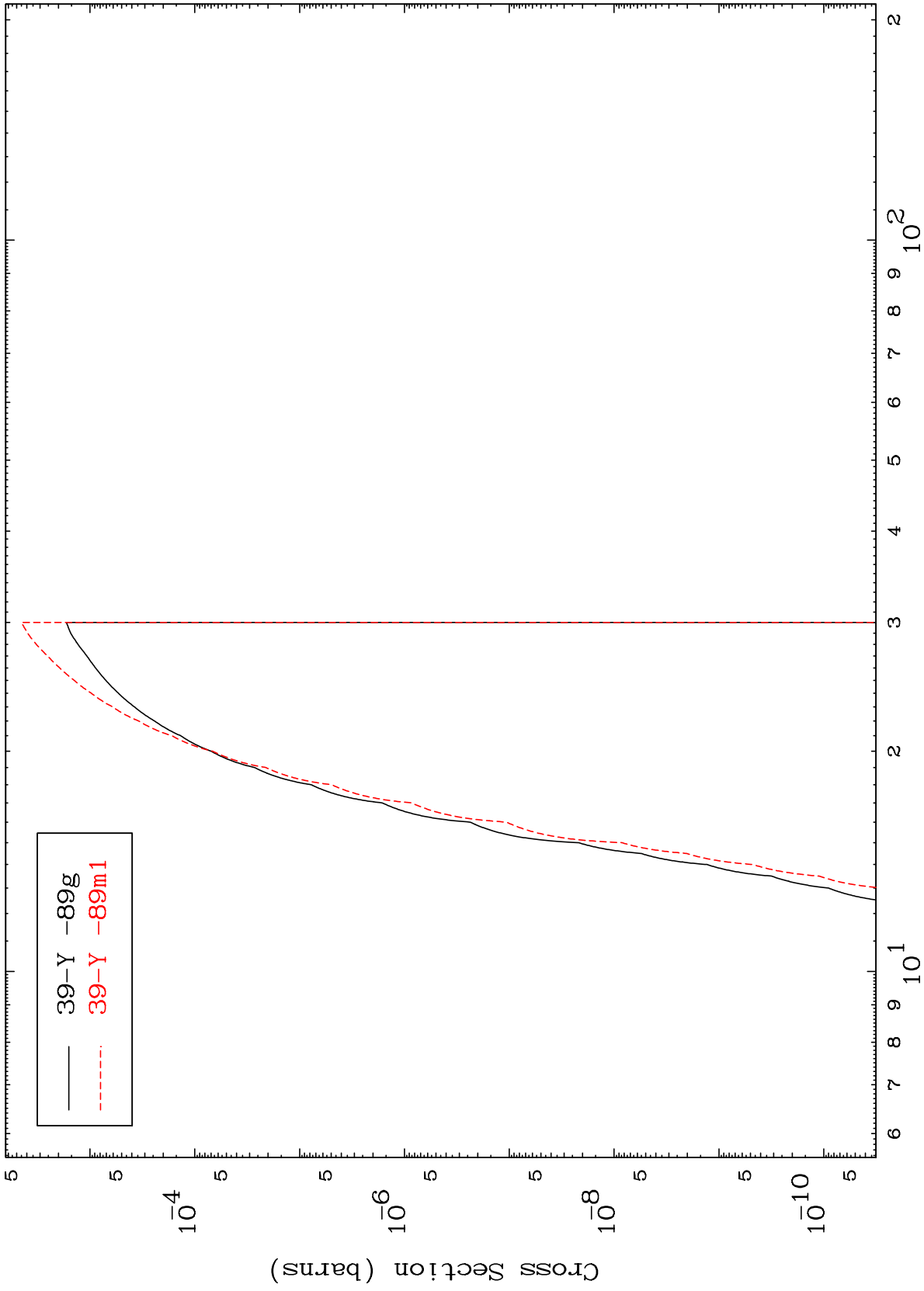


MAT 4119

(n,He-3)

41-Nb-91

Radionuclide Production Cross Section



141

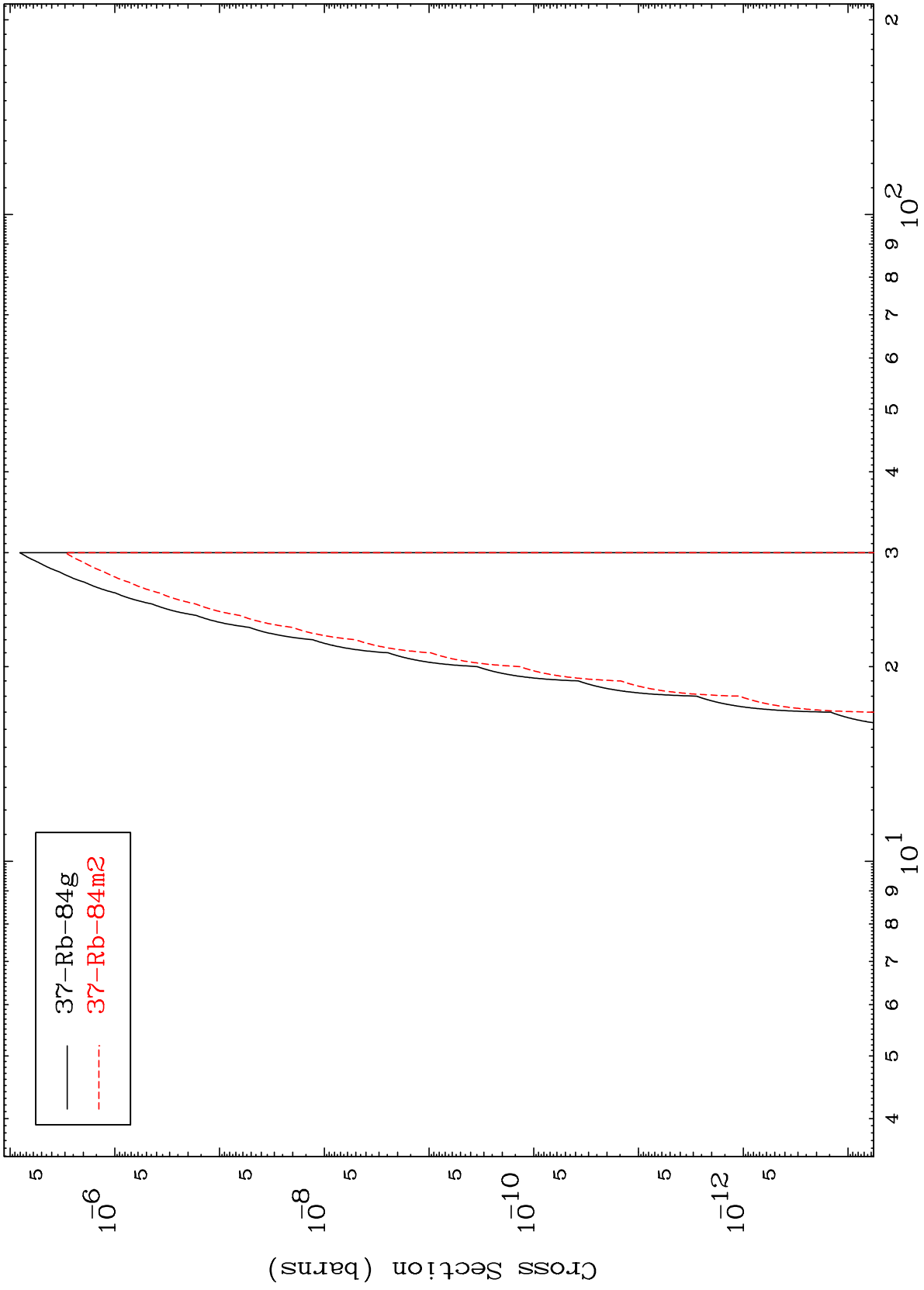
Incident Energy (MeV)

41-Nb-91

MAT 4119

41-Nb-91

Radionuclide Production Cross Section
(n,2α)



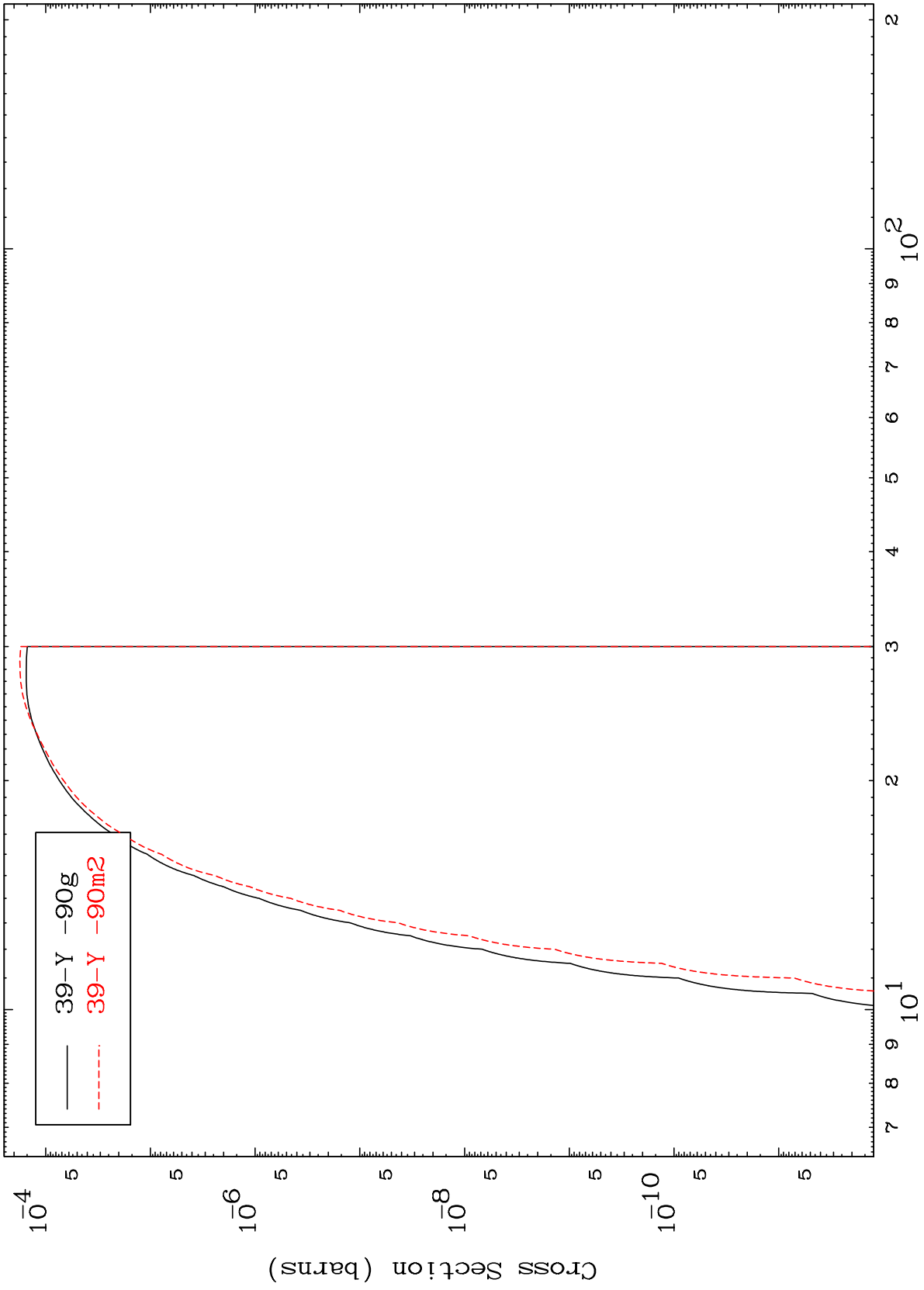
142

41-Nb-91

MAT 4119

41-Nb-91

Radionuclide Production Cross Section
(n,2p)



143

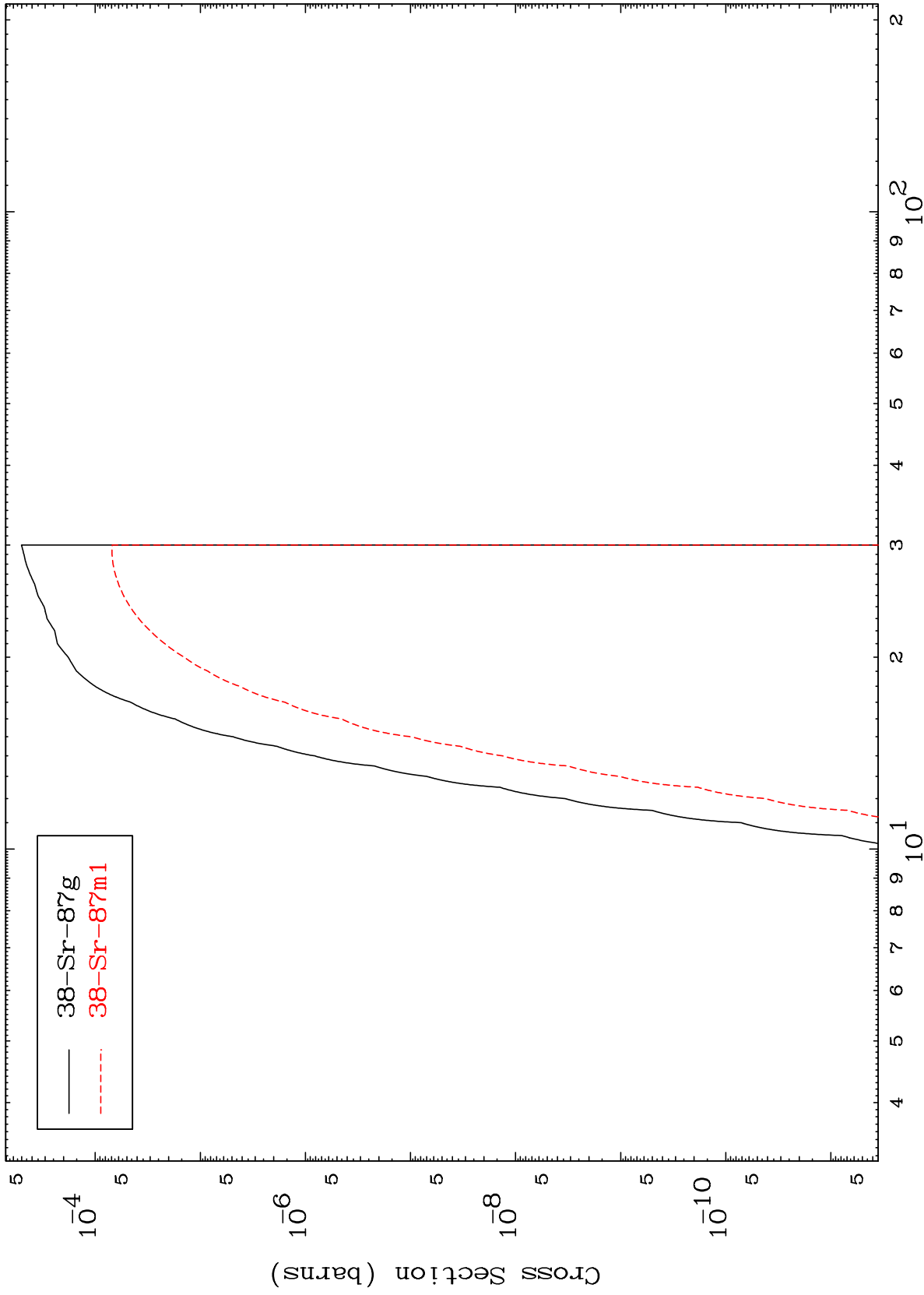
41-Nb-91

MAT 4119

(n,p) α

41-Nb-91

Radionuclide Production Cross Section



144

Incident Energy (MeV)

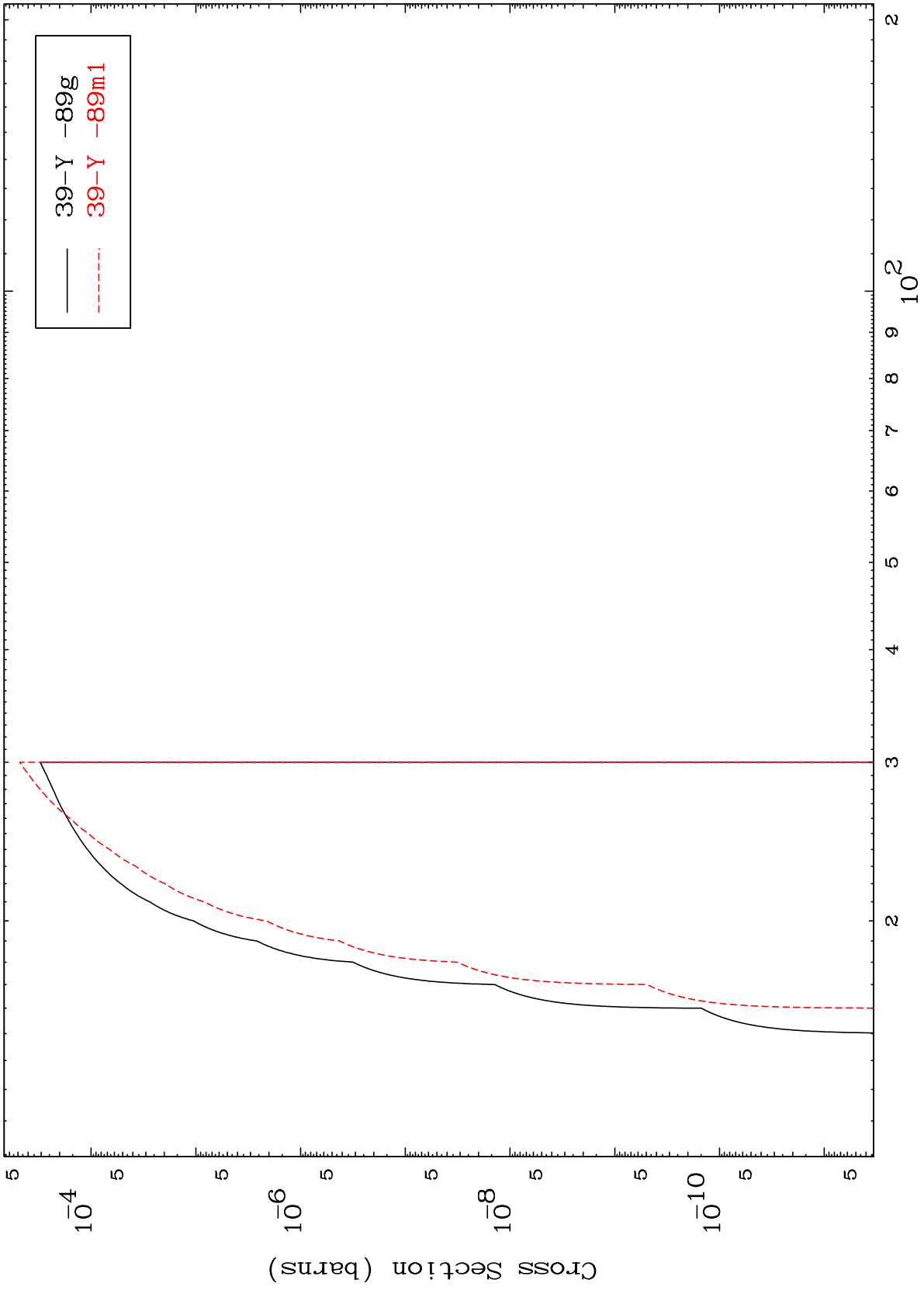
41-Nb-91

MAT 4119

(n,p) d

41-Nb-91

Radionuclide Production Cross Section



145

Incident Energy (MeV)

41-Nb-91