

Program EVALPLOT
(Version 2018-1)

by

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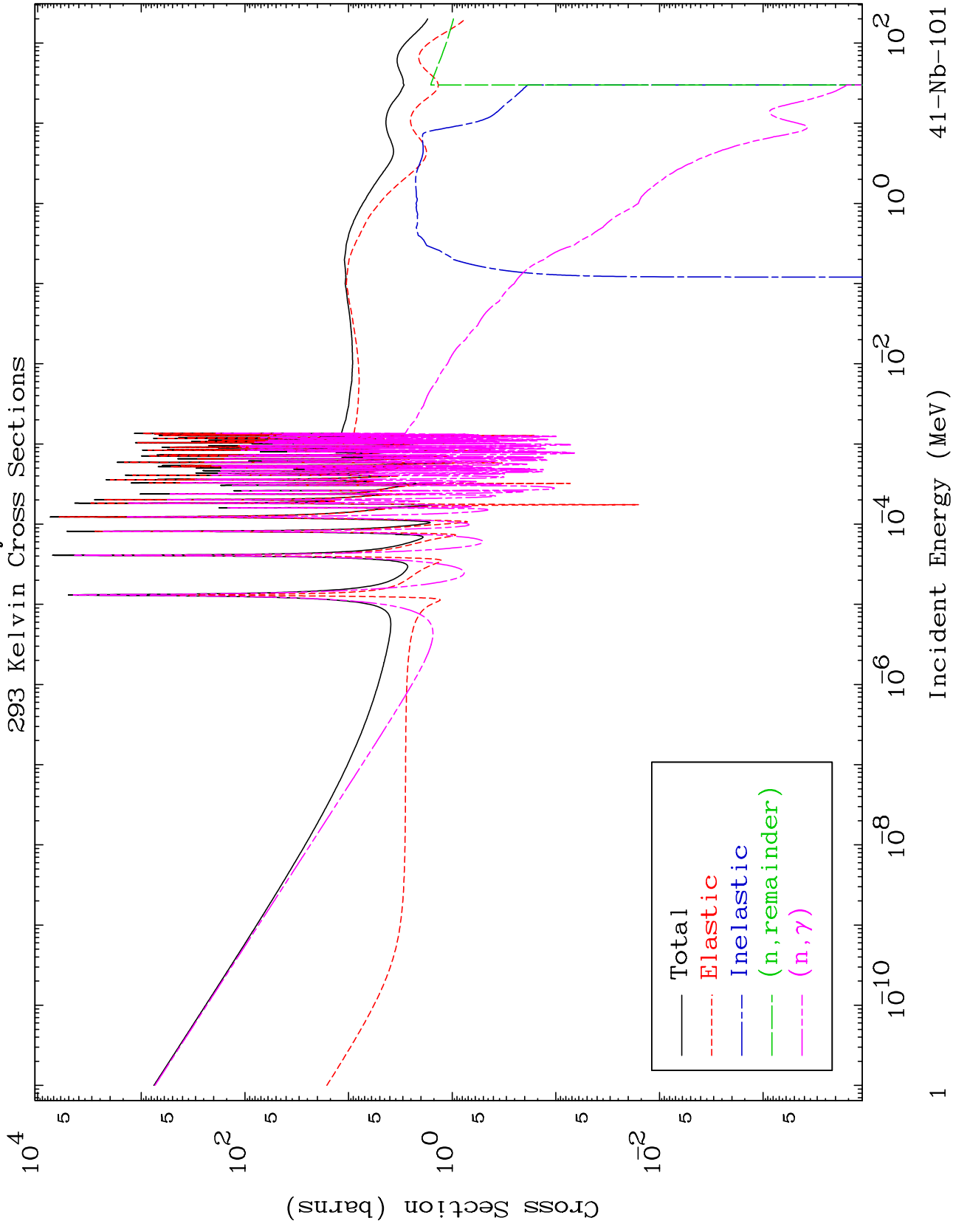
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4149

Major
293 Kelvin Cross Sections

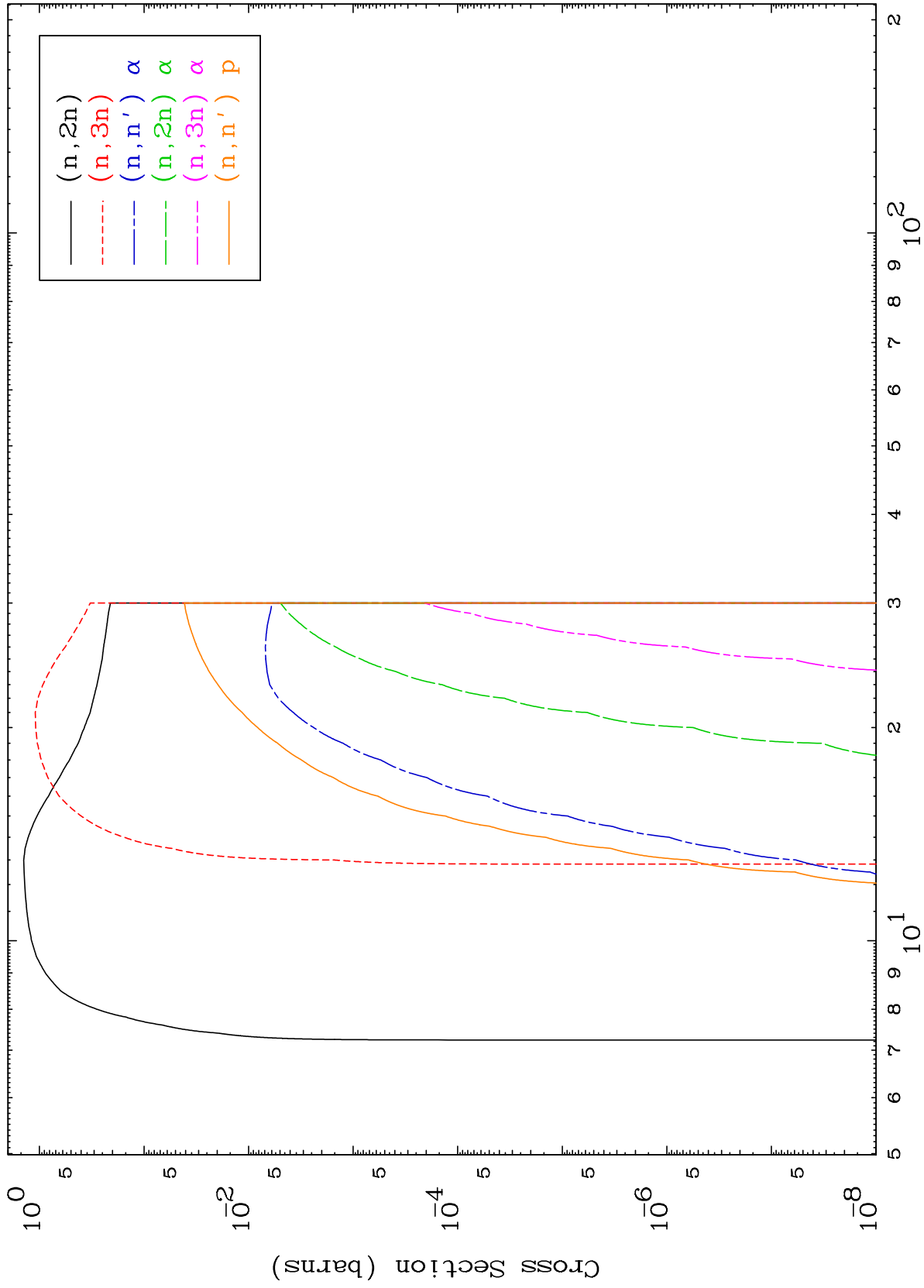
41-Nb-101



MAT 4149

Neutron Production 293 Kelvin Cross Sections

41-Nb-101



2

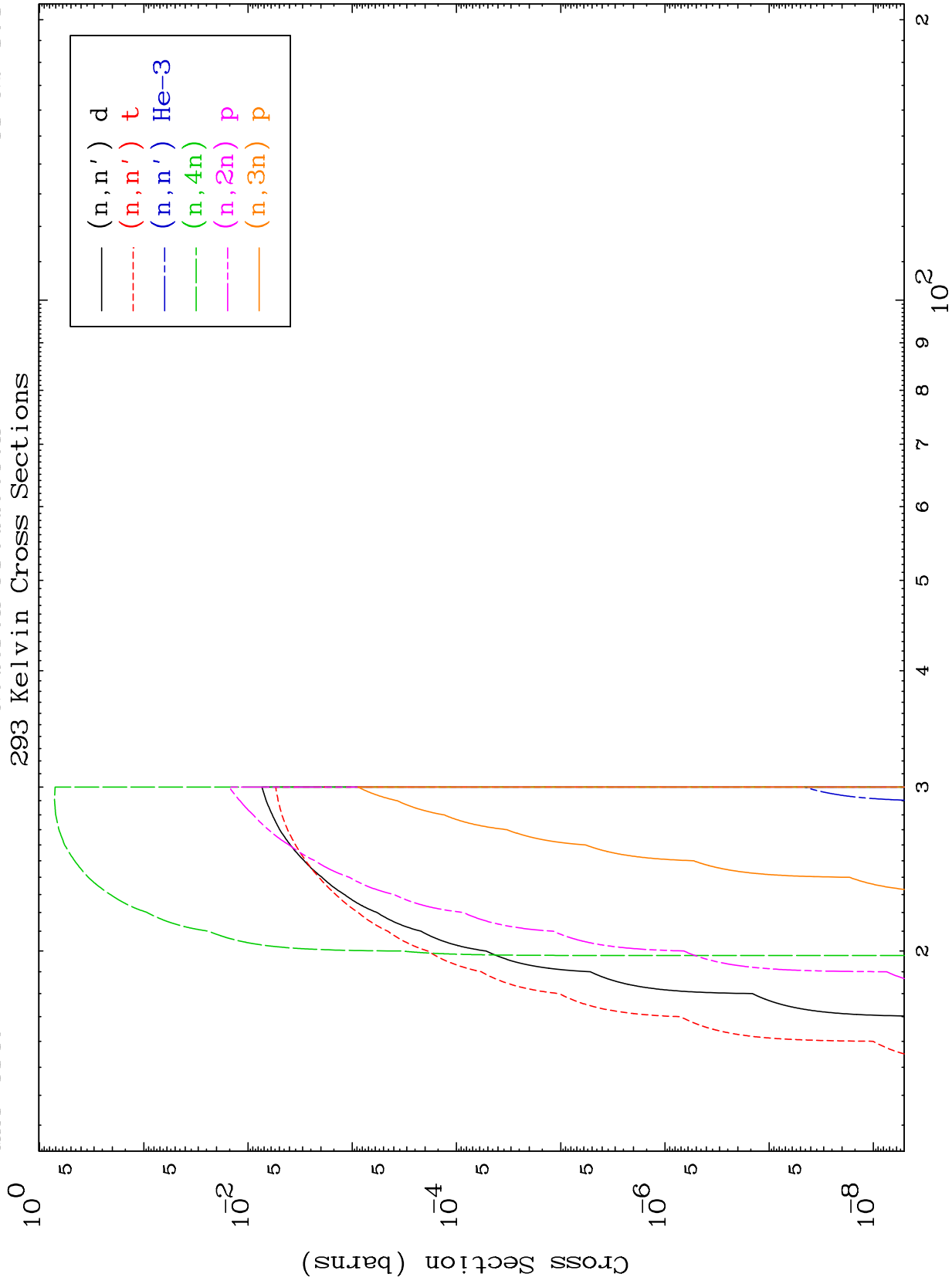
Incident Energy (MeV)

41-Nb-101

MAT 4149

Neutron Production
293 Kelvin Cross Sections

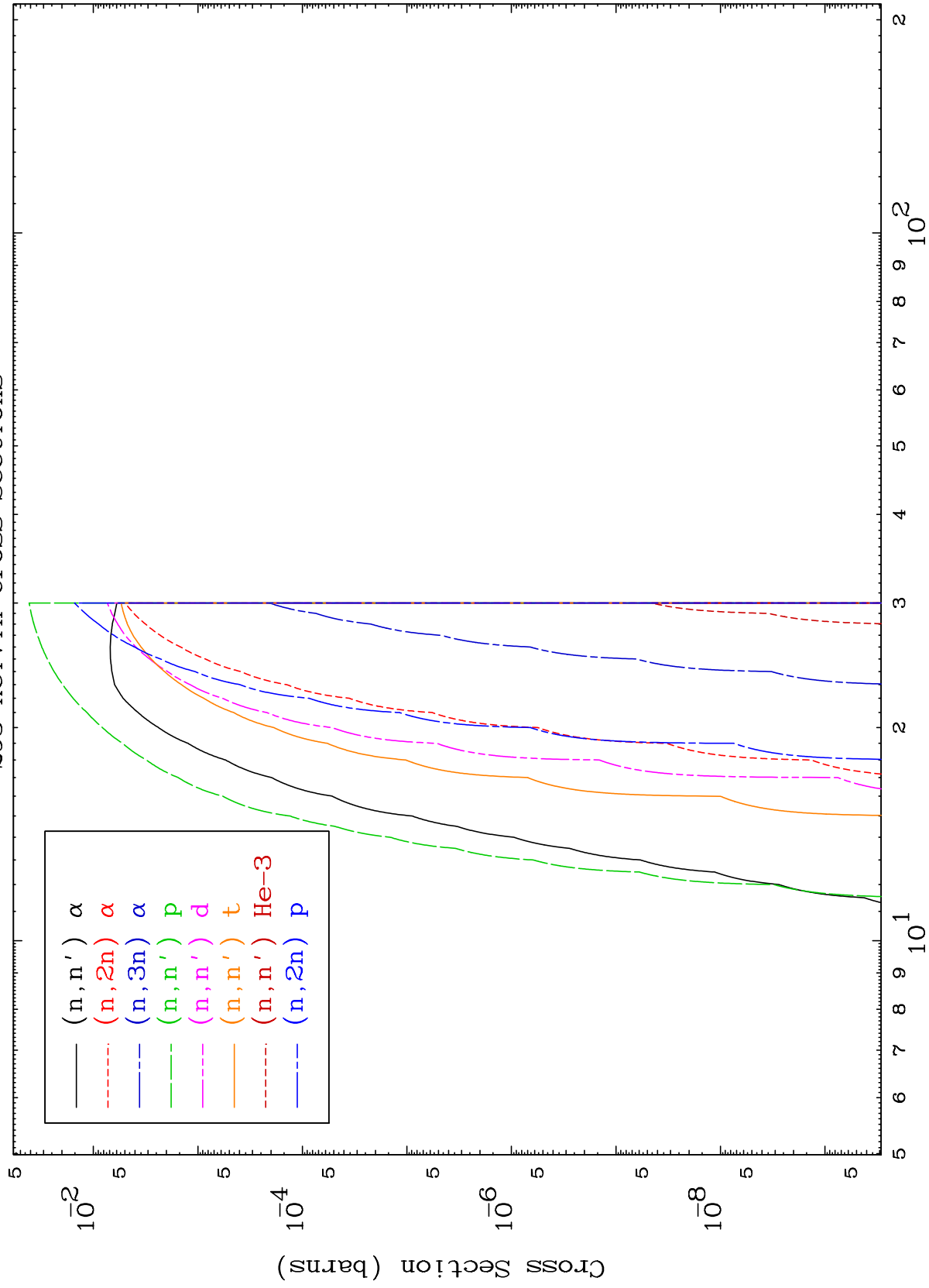
41-Nb-101



3

Incident Energy (MeV)

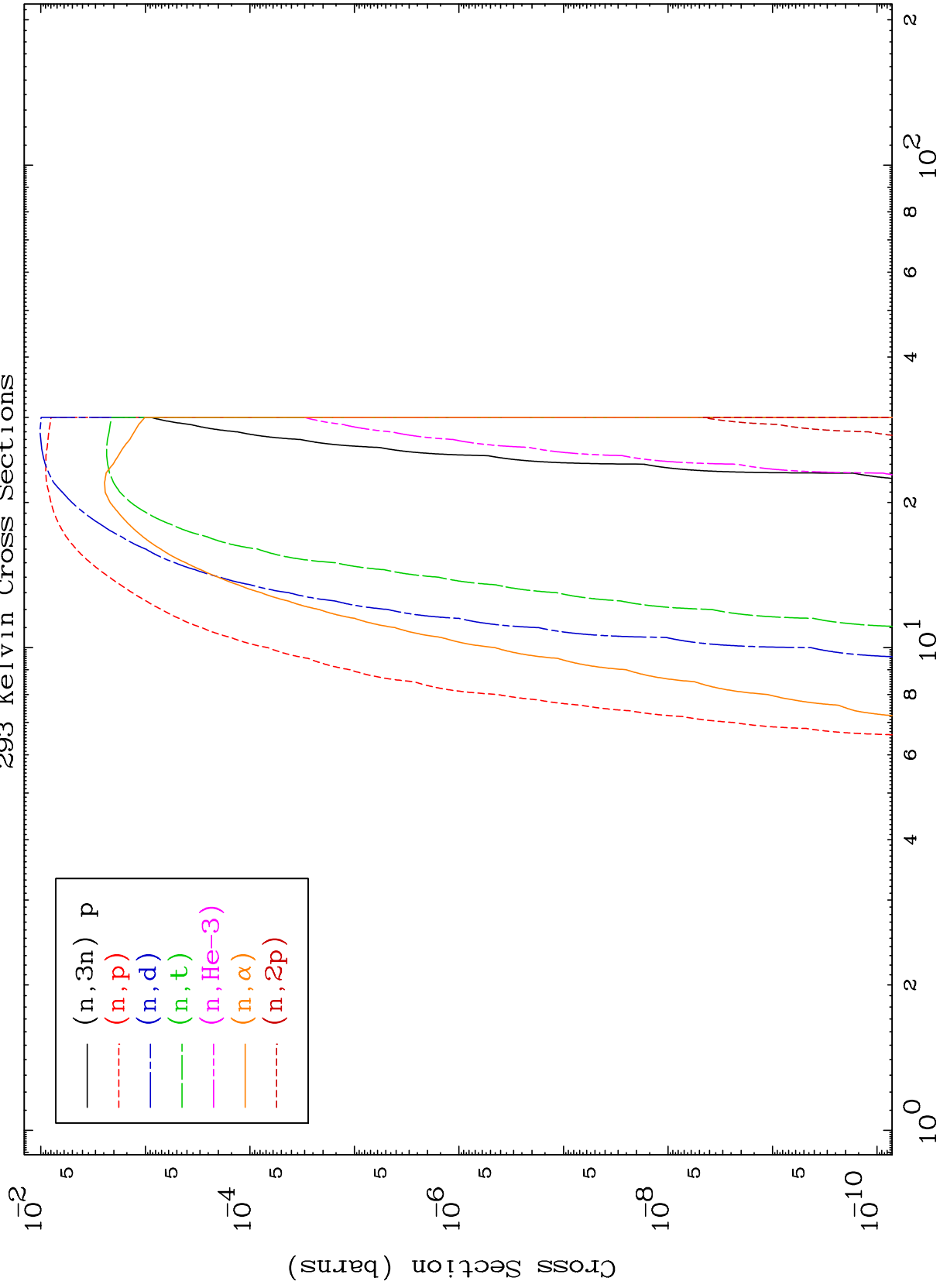
41-Nb-101



MAT 4149

Charged Particle
293 Kelvin Cross Sections

41-Nb-101



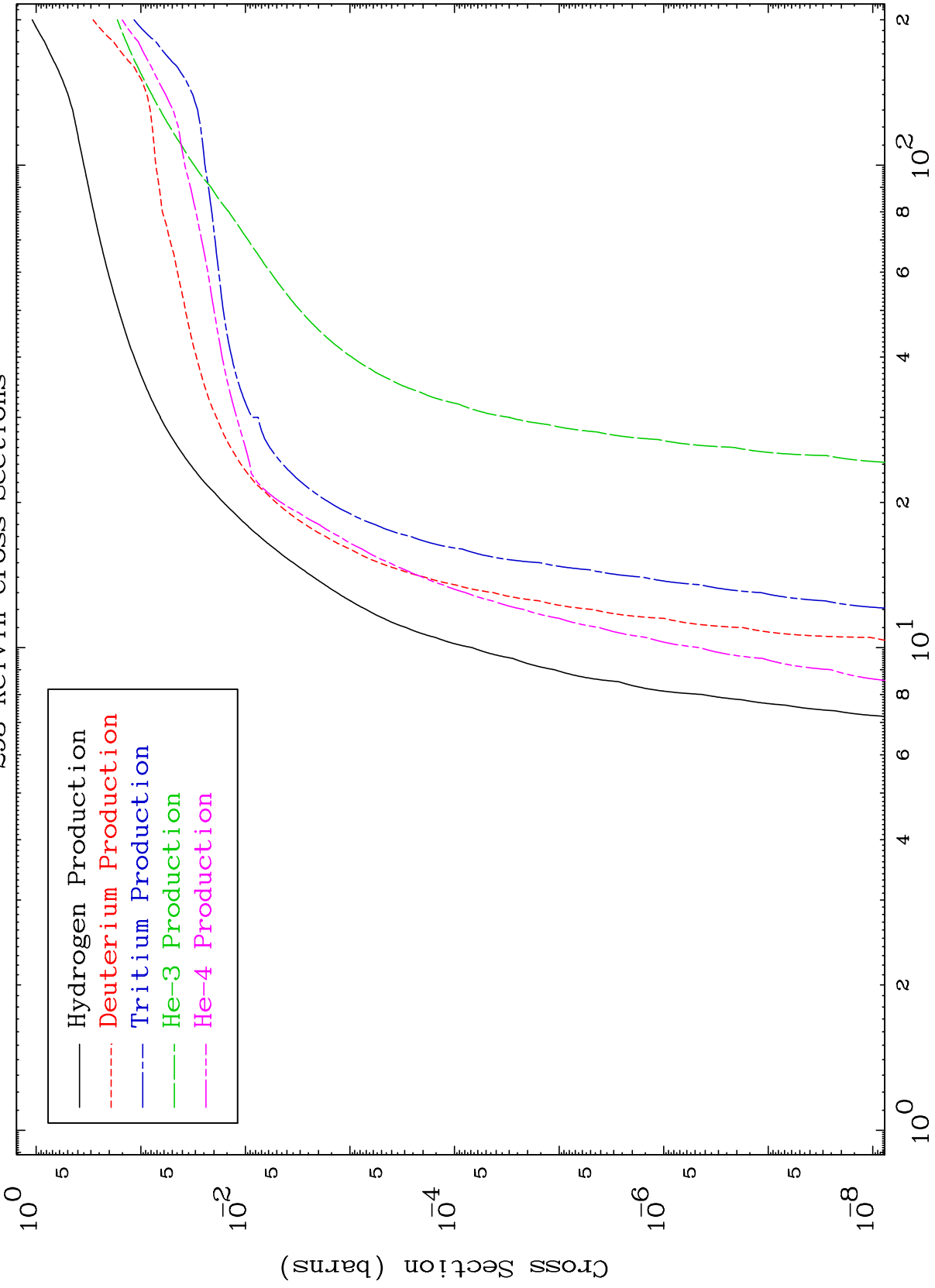
Incident Energy (MeV)

41-Nb-101

MAT 4149

Particle Production
293 Kelvin Cross Sections

41-Nb-101



Incident Energy (MeV)

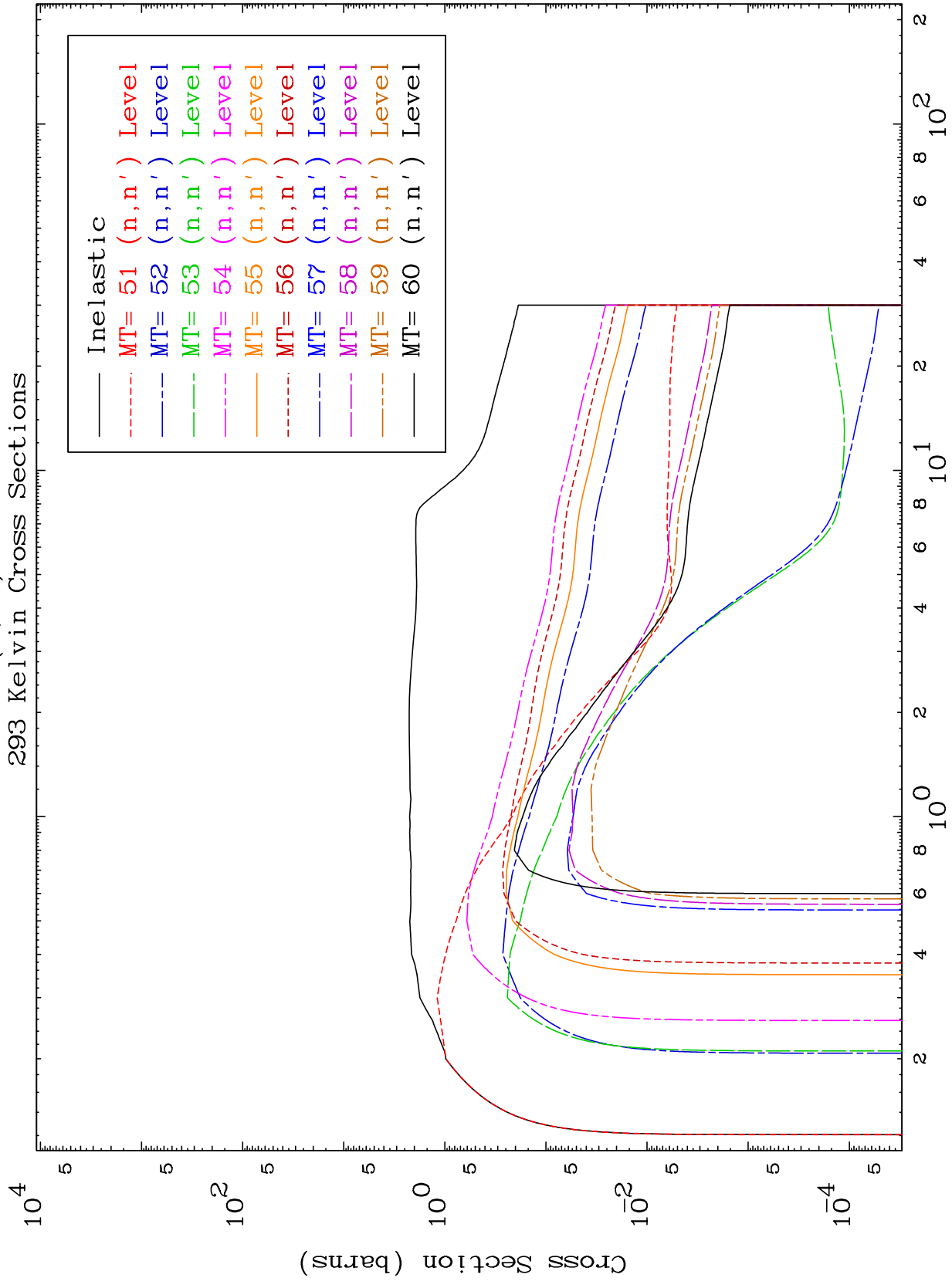
41-Nb-101

MAT 4149

(n,n') Level

41-Nb-101

293 Kelvin Cross Sections

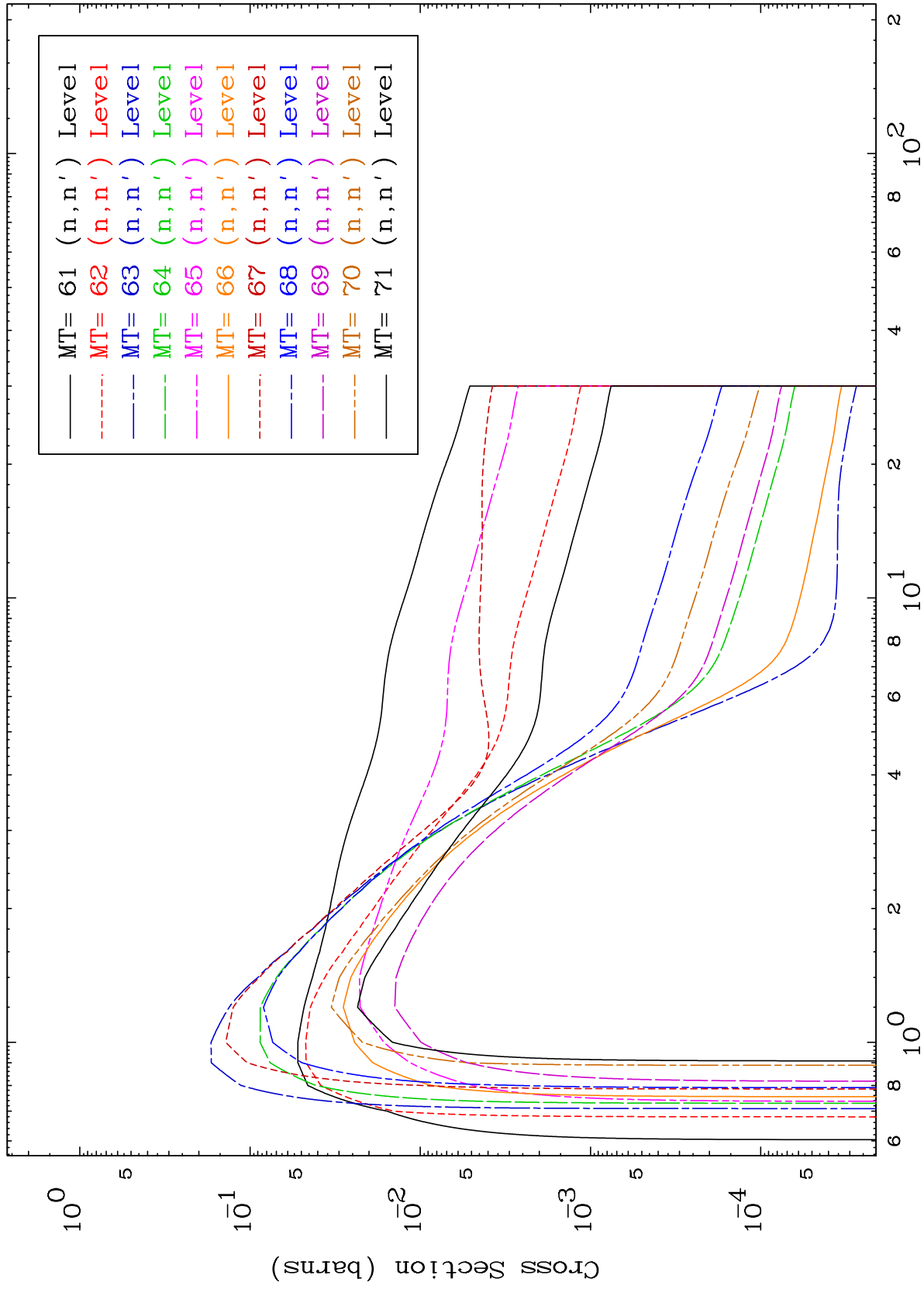


MAT 4149

(n,n') Level

41-Nb-101

293 Kelvin Cross Sections



8

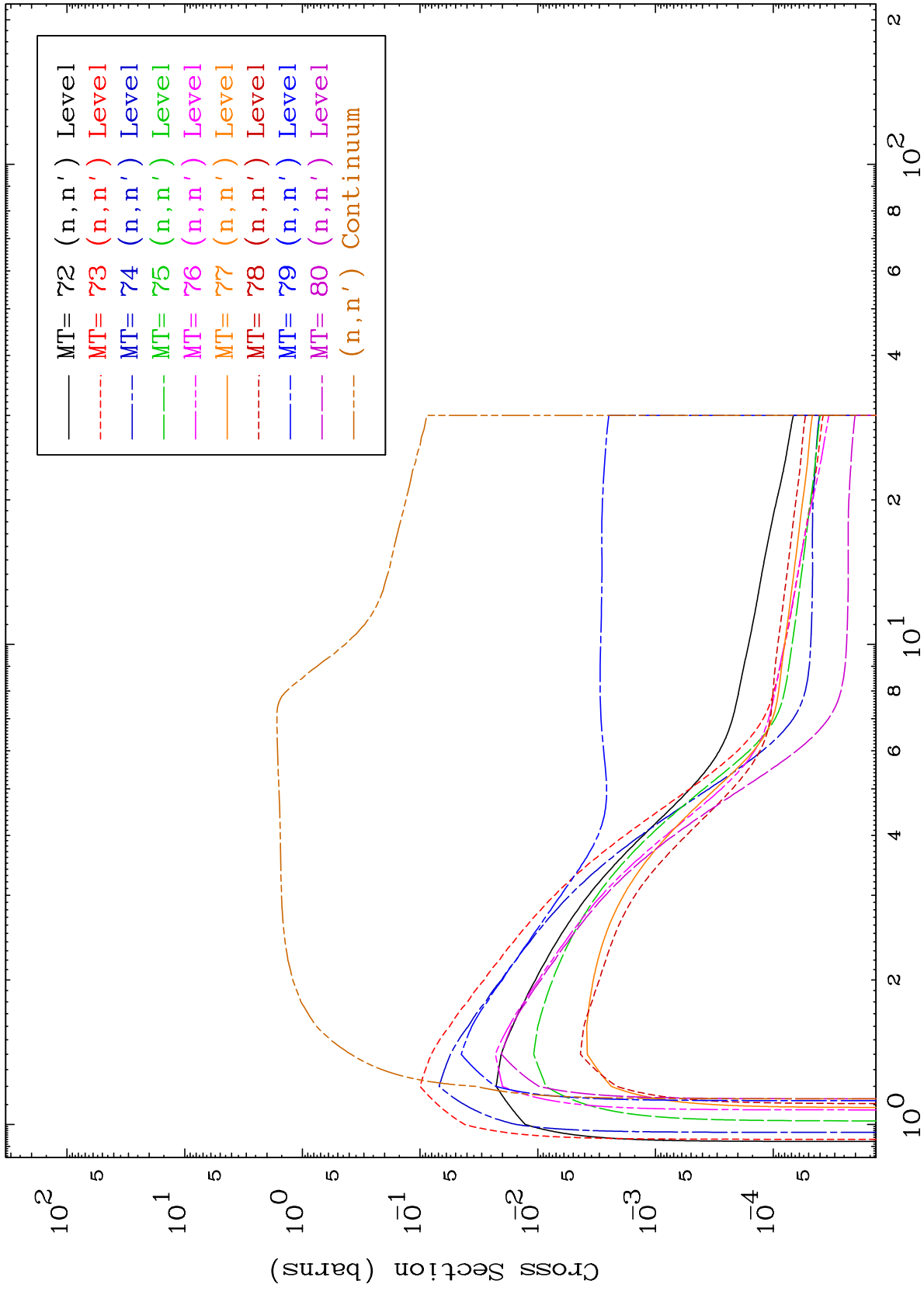
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41-Nb-101

MAT 4149

(n,n') Level
293 Kelvin Cross Sections

41-Nb-101



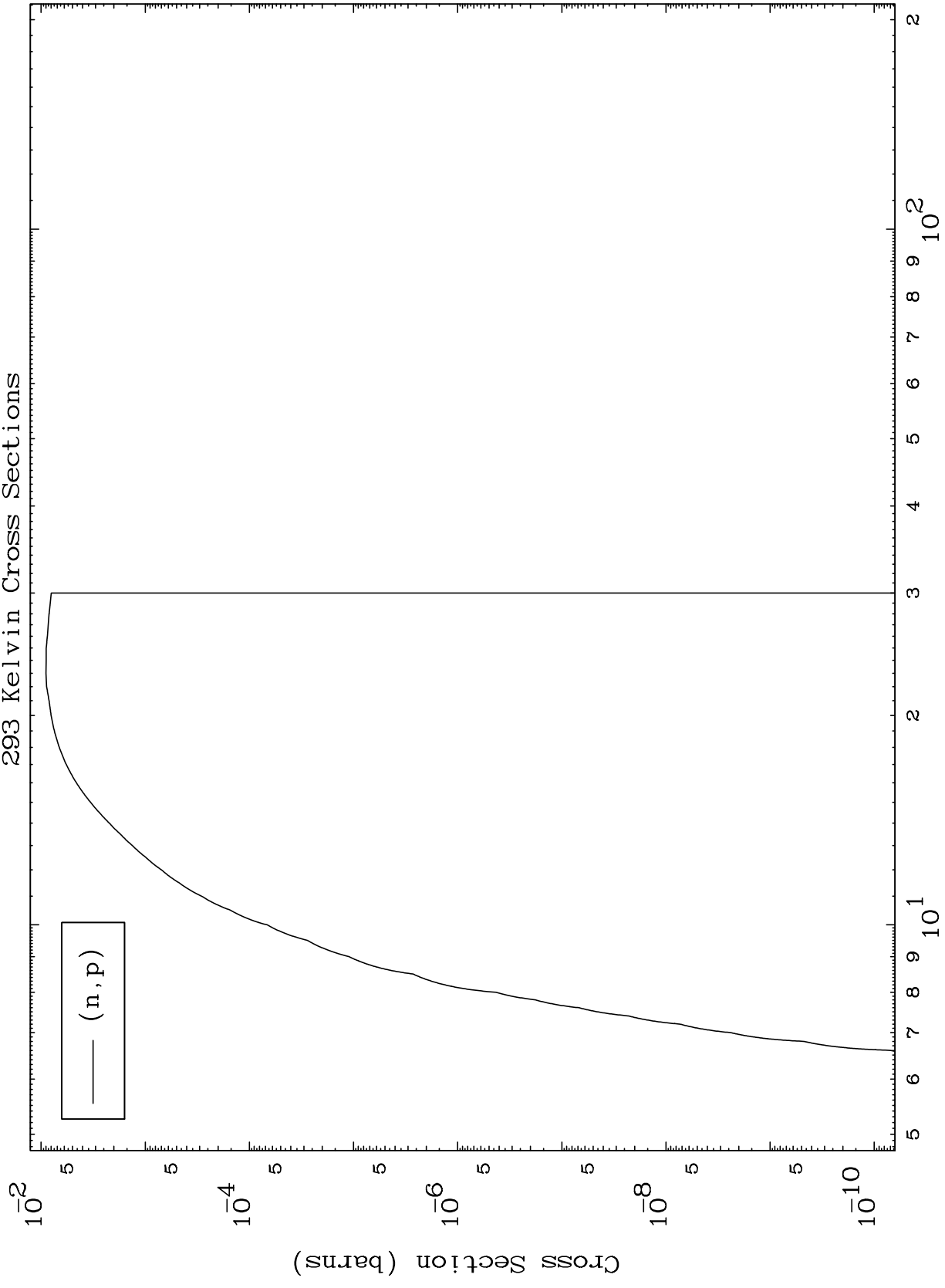
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

(n,p) Levels
293 Kelvin Cross Sections



10

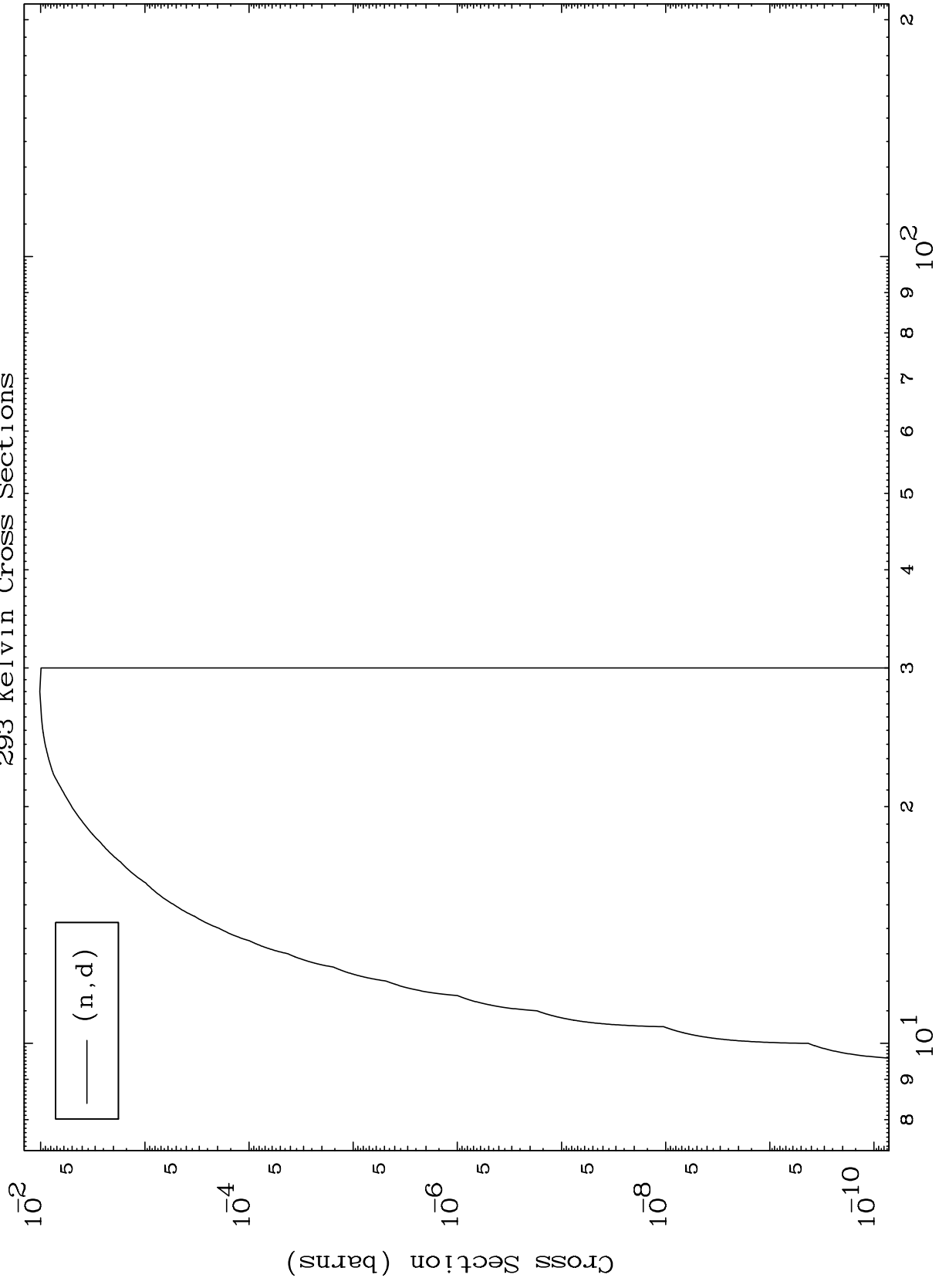
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,d) Levels
293 Kelvin Cross Sections

41-Nb-101



11

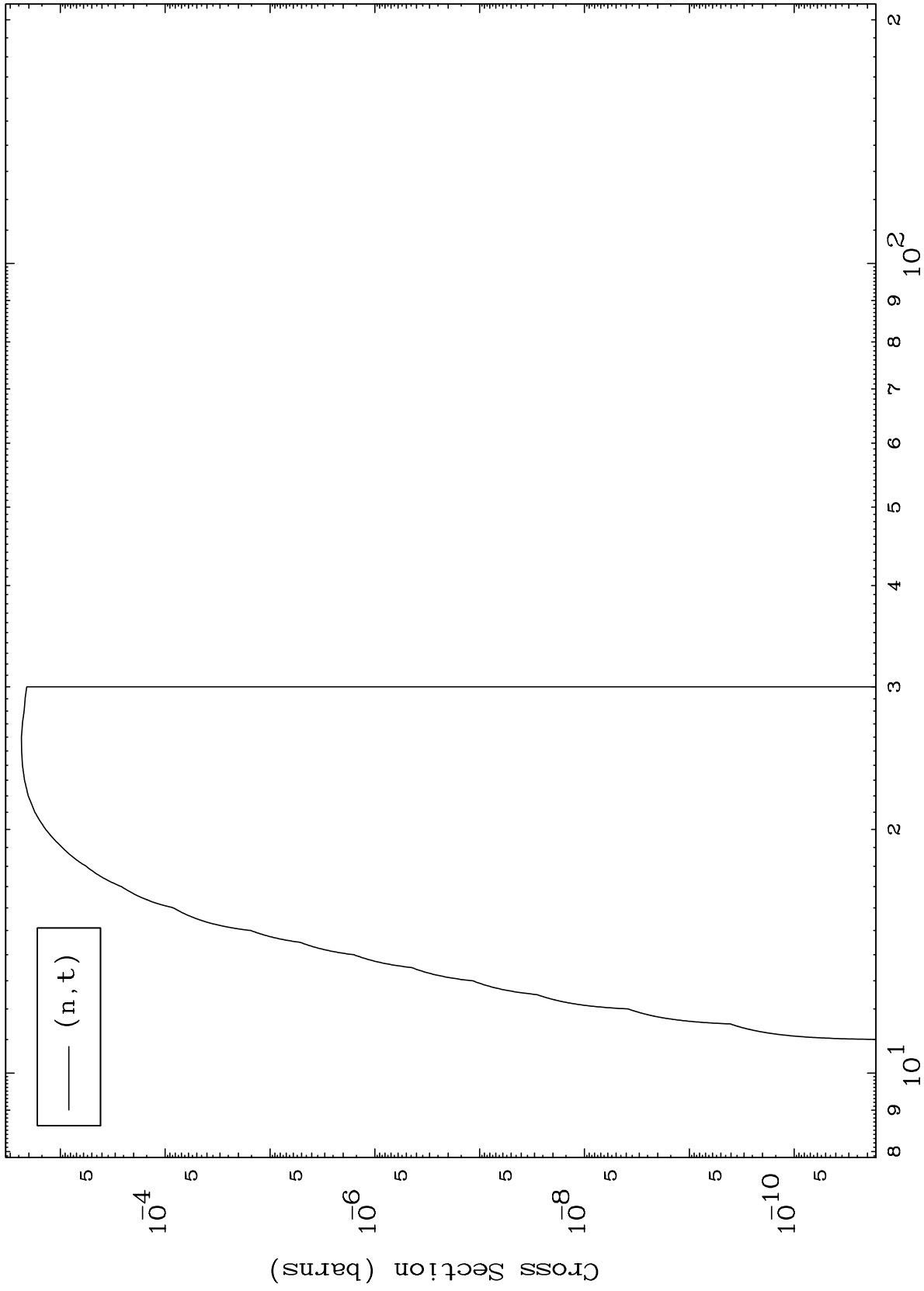
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,t) Levels
293 Kelvin Cross Sections

41-Nb-101



12

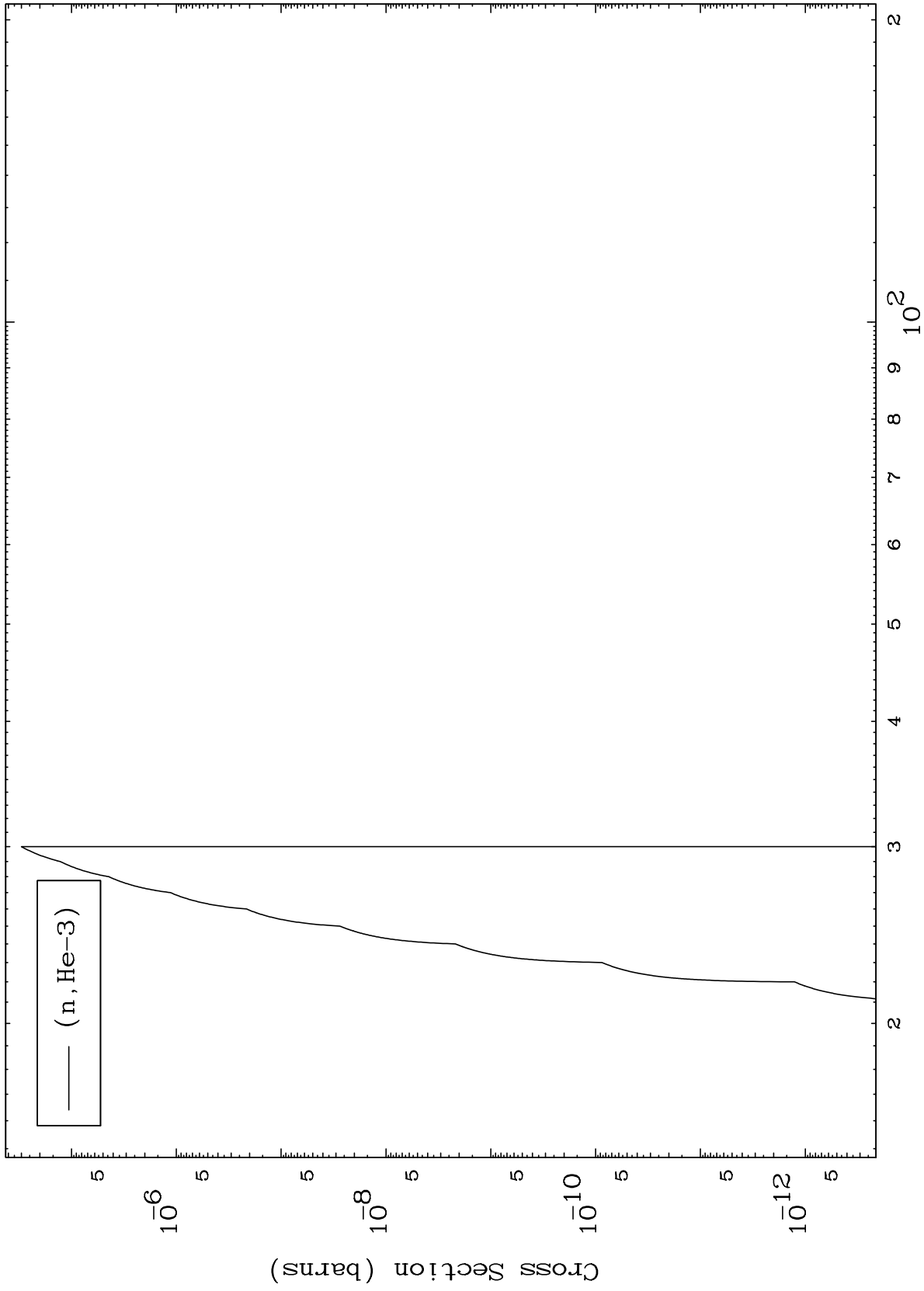
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,He3) Levels
293 Kelvin Cross Sections

41-Nb-101



13

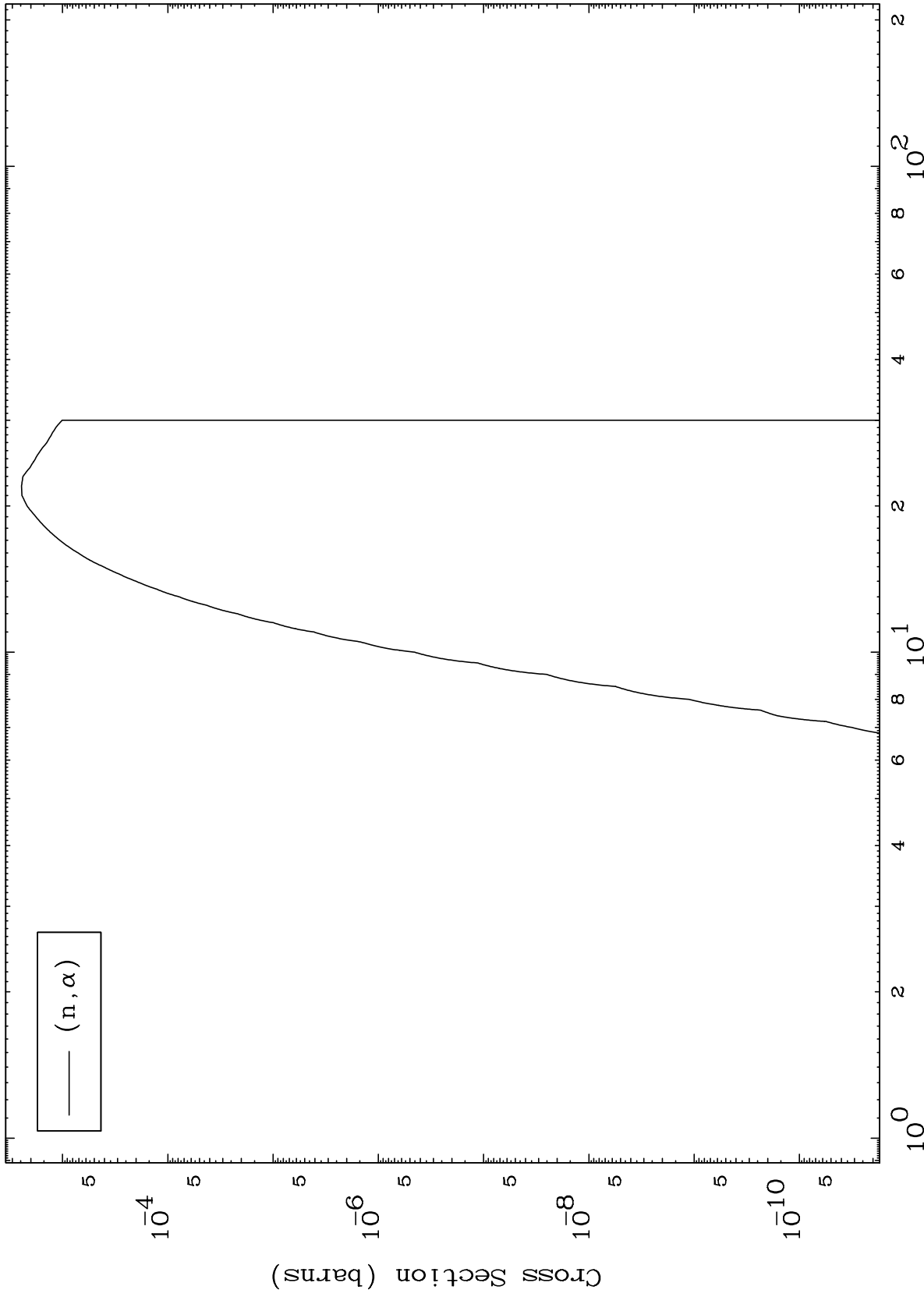
Incident Energy (MeV)

41-Nb-101

MAT 4149

(n,α) Levels
293 Kelvin Cross Sections

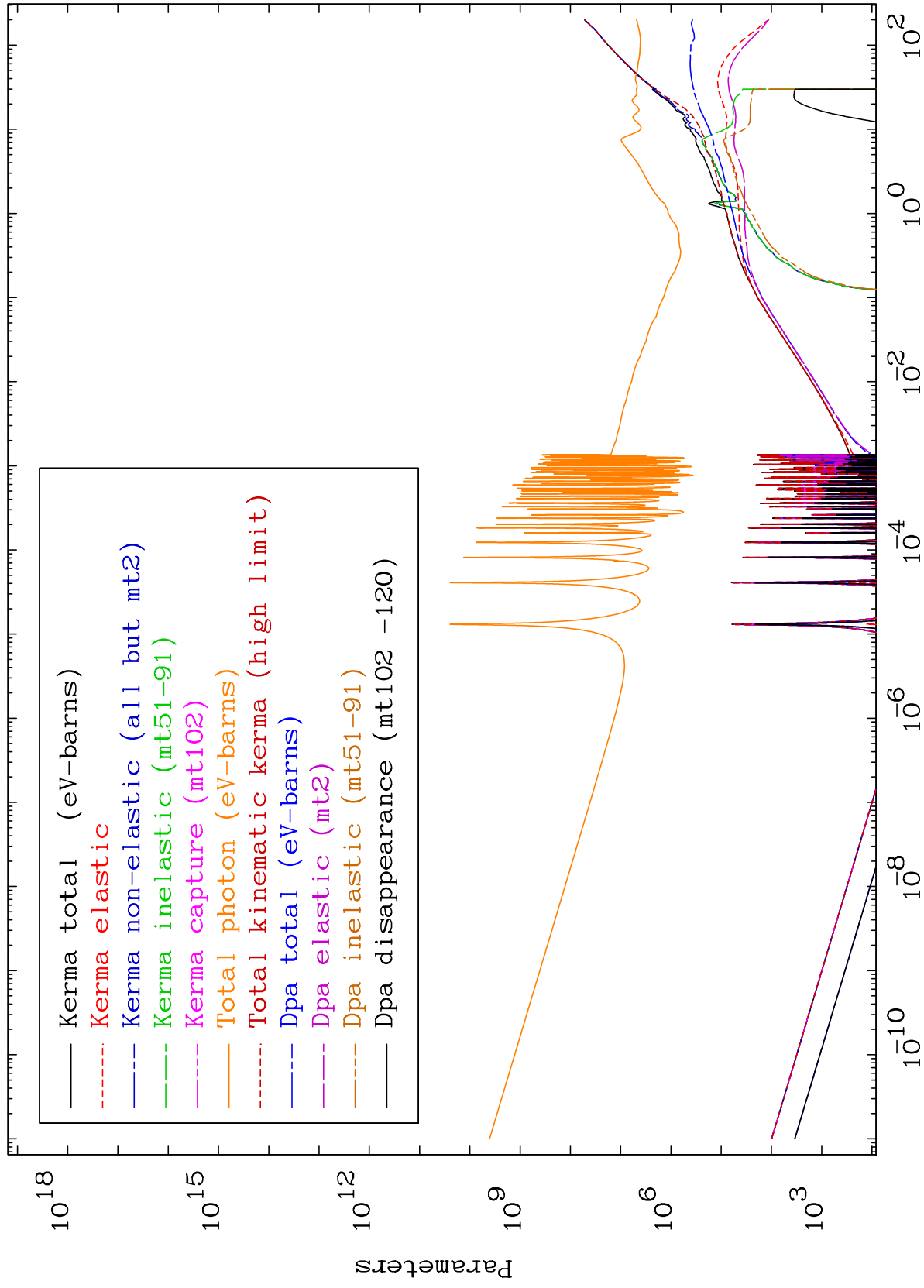
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14

Incident Energy (MeV)

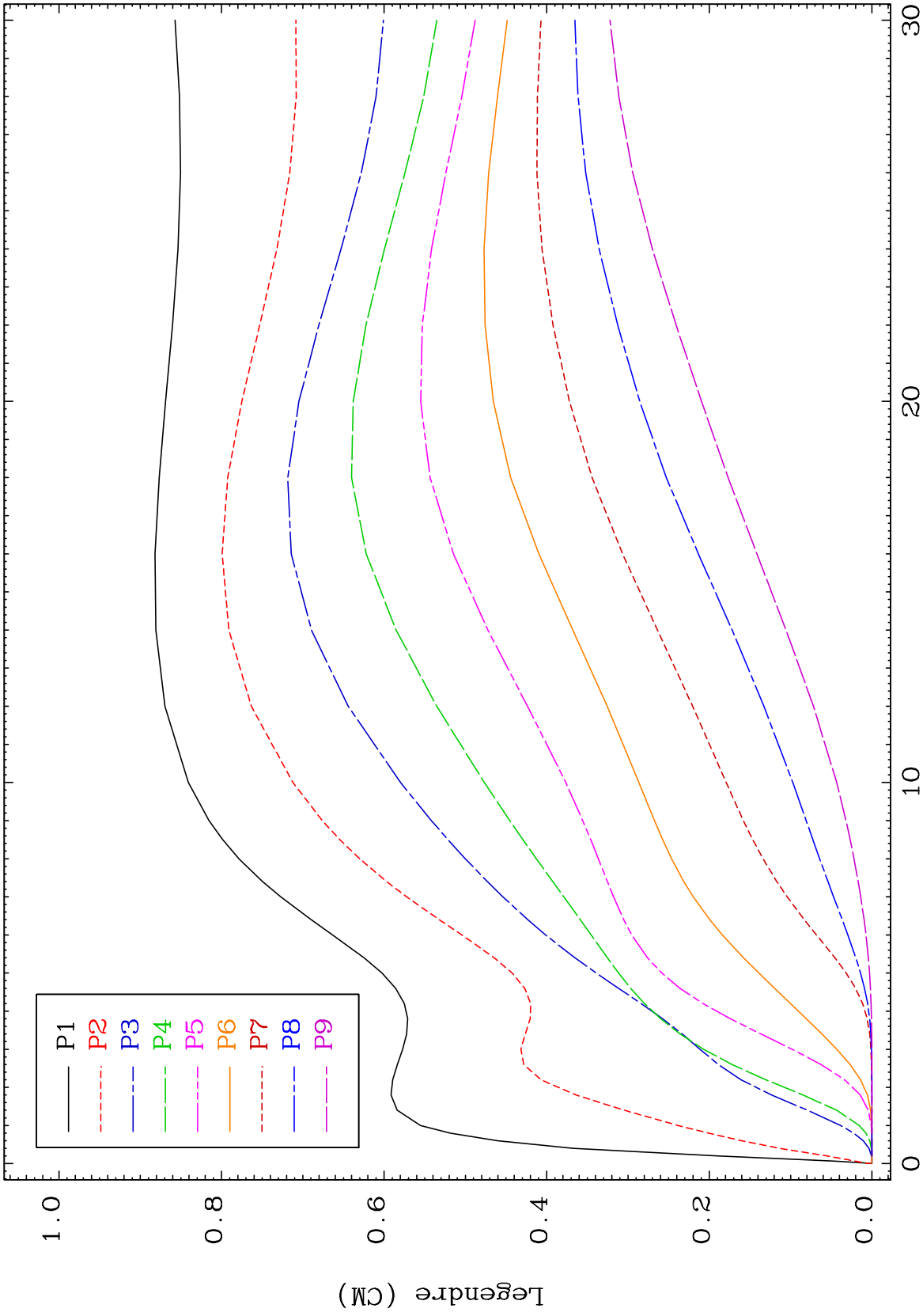
41-Nb-101



MAT 4149

Elastic Legendre Coefficients

41-Nb-101



16

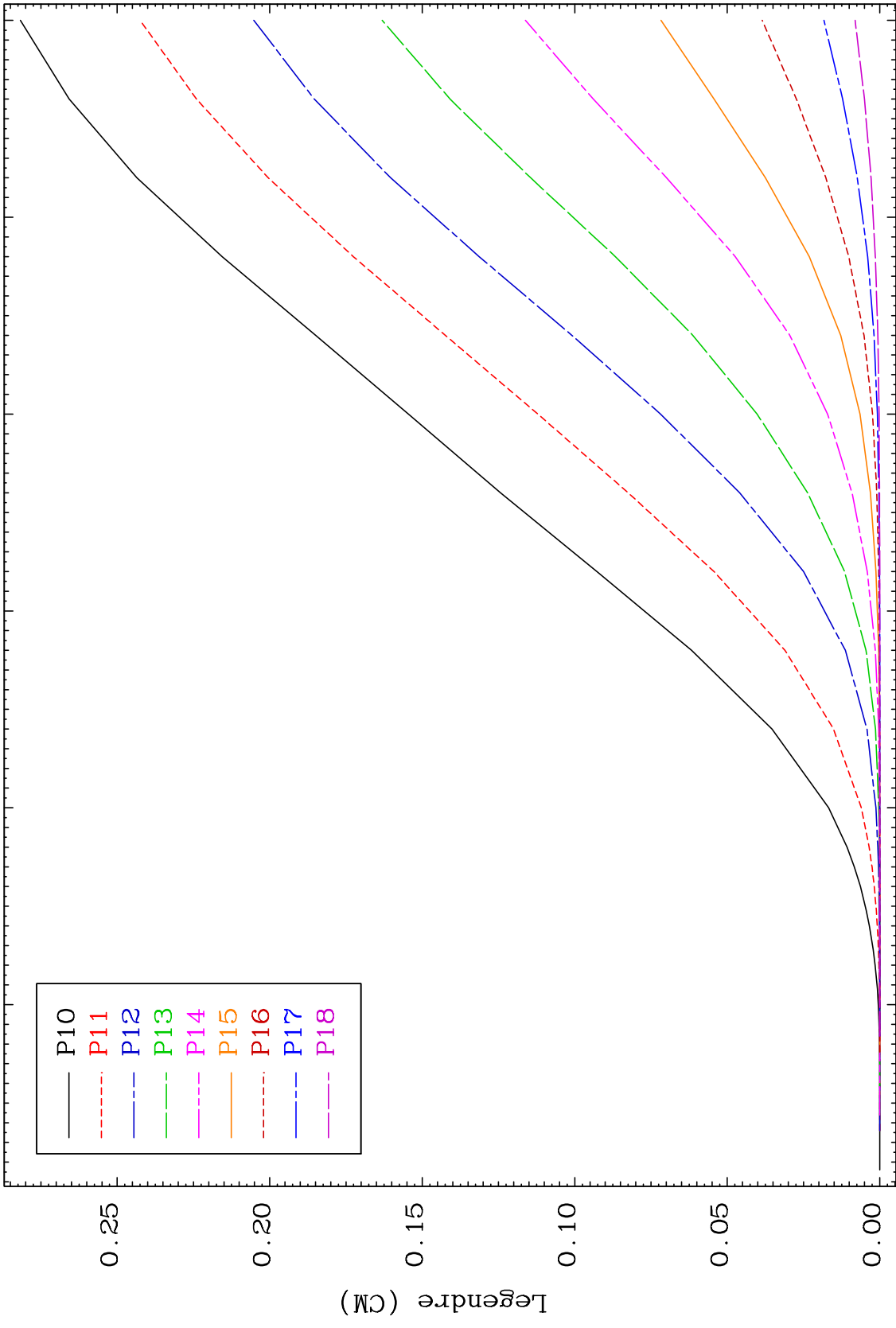
Incident Energy (MeV)

41-Nb-101

MAT 4149

Elastic Legendre Coefficients

41-Nb-101



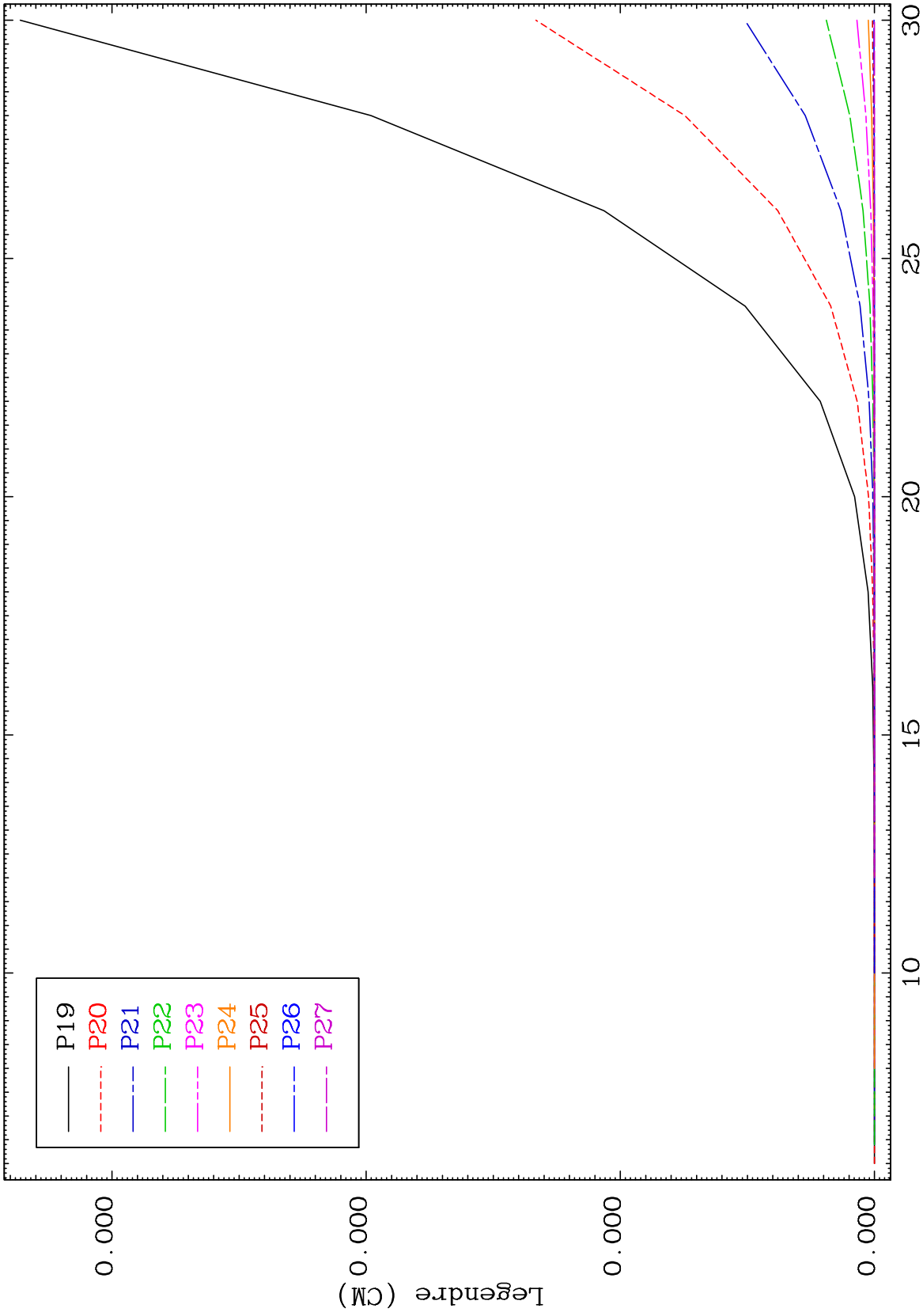
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41-Nb-101

MAT 4149

Elastic Legendre Coefficients

41-Nb-101



18

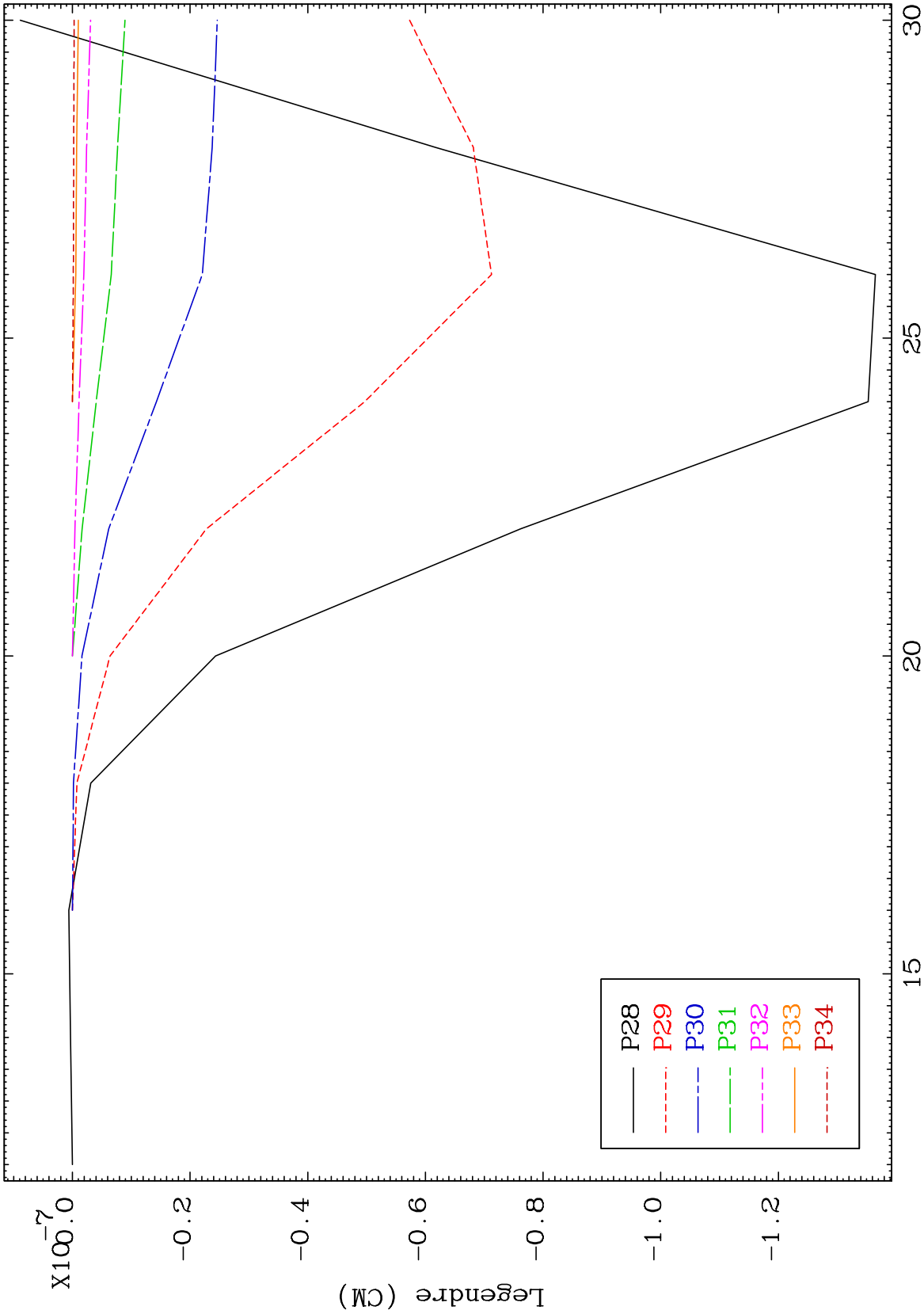
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

Elastic
Legendre Coefficients



19

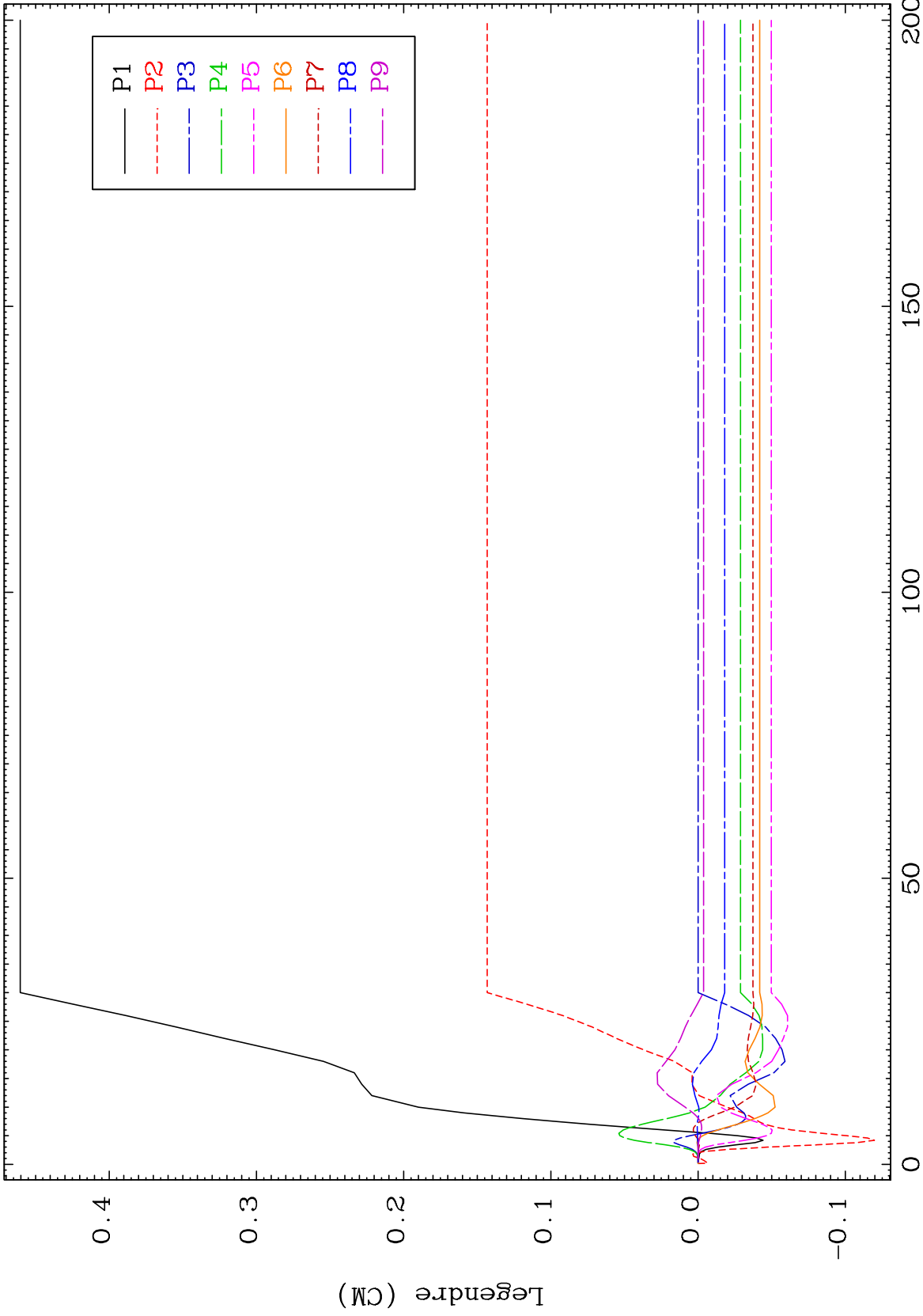
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

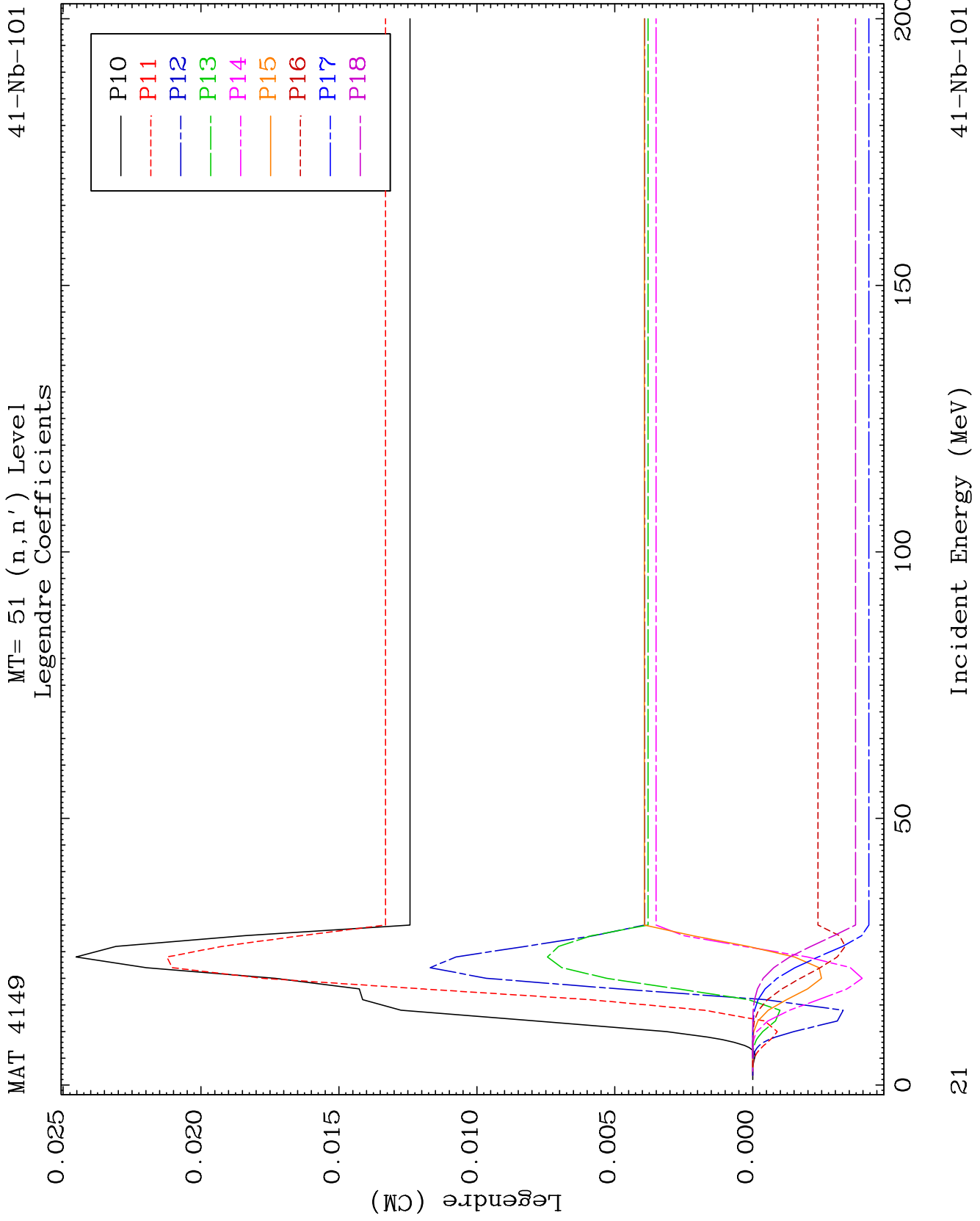
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41-Nb-101

Incident Energy (MeV)

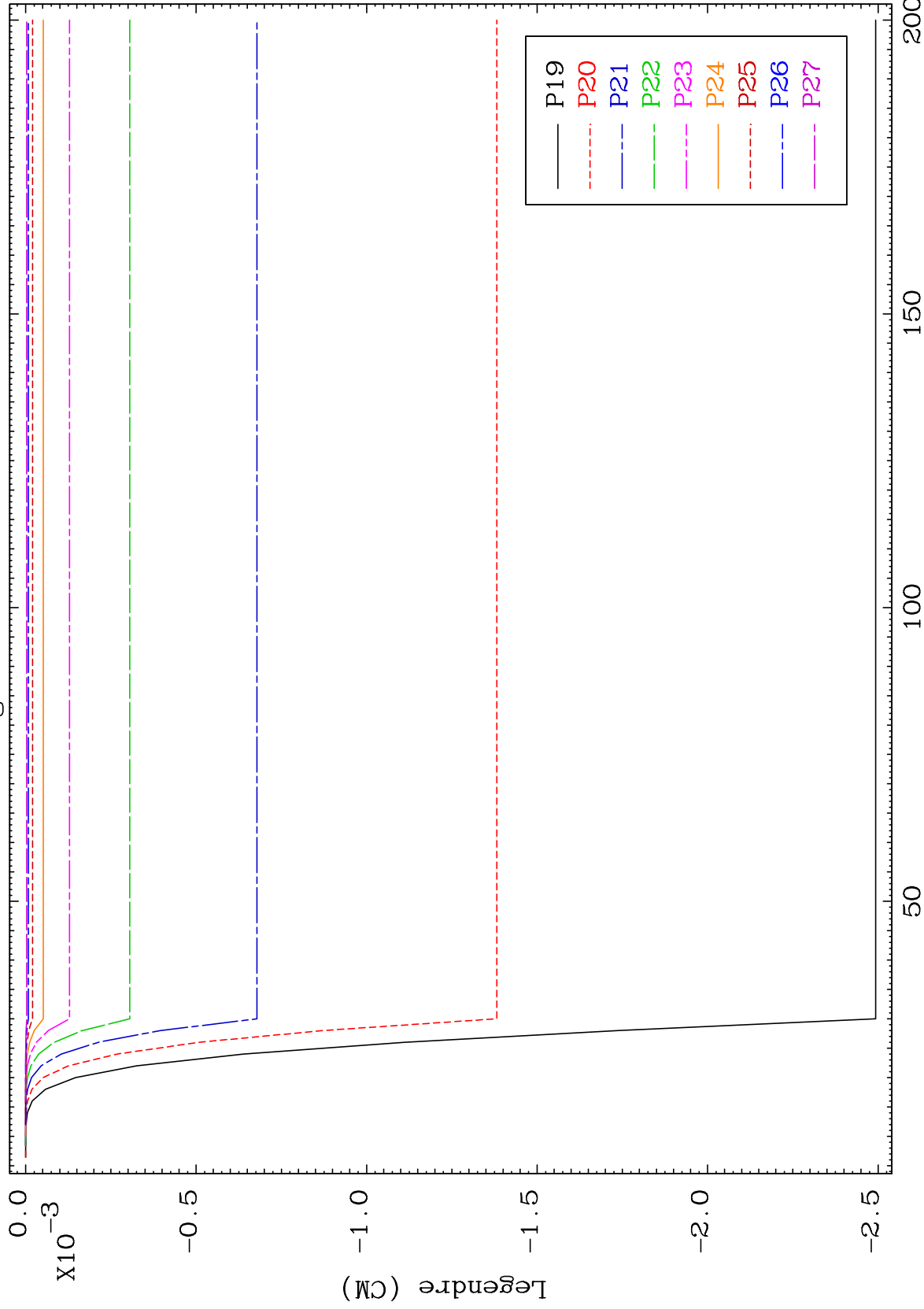
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MAT 4149

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

41-Nb-101



22

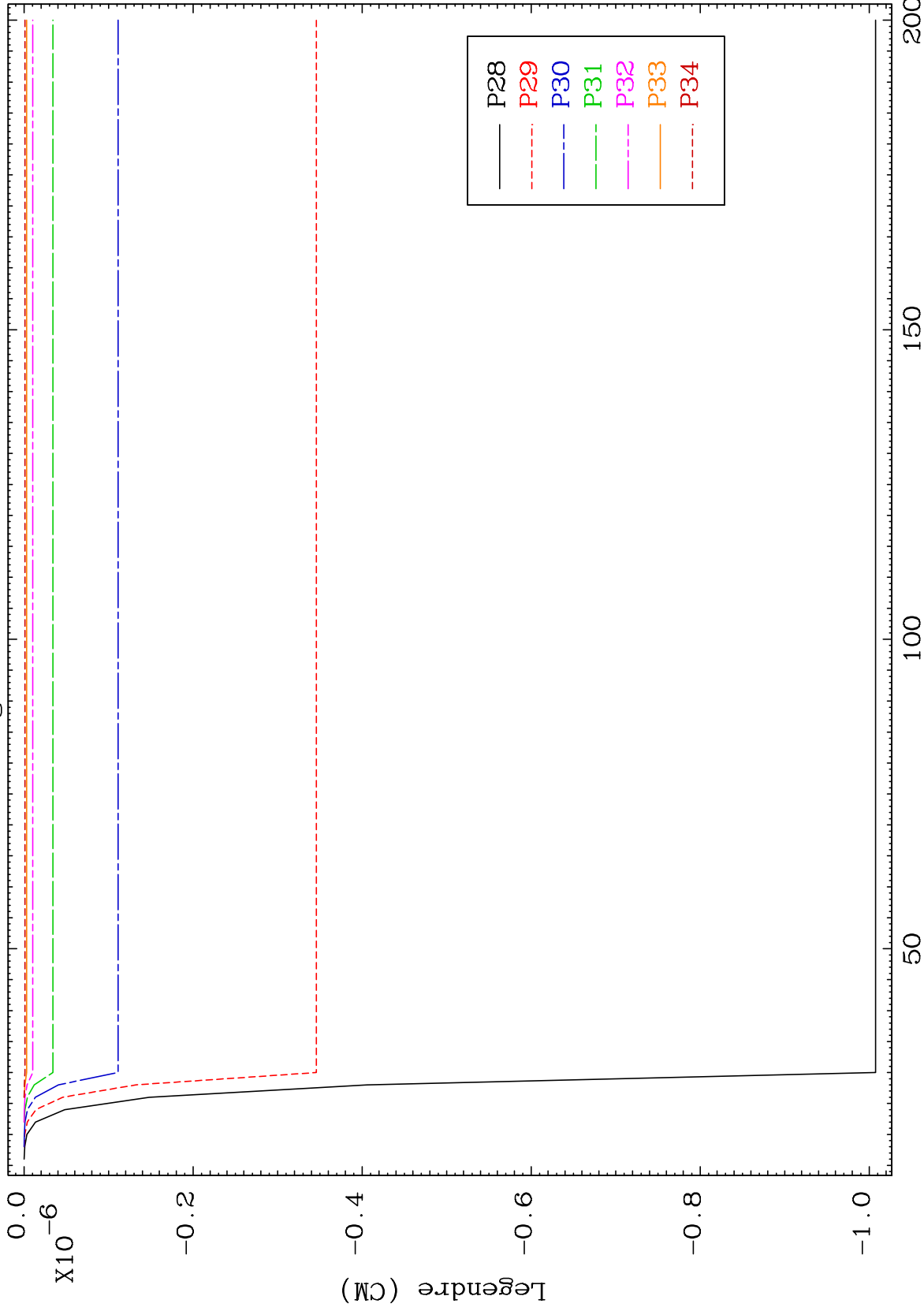
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



23

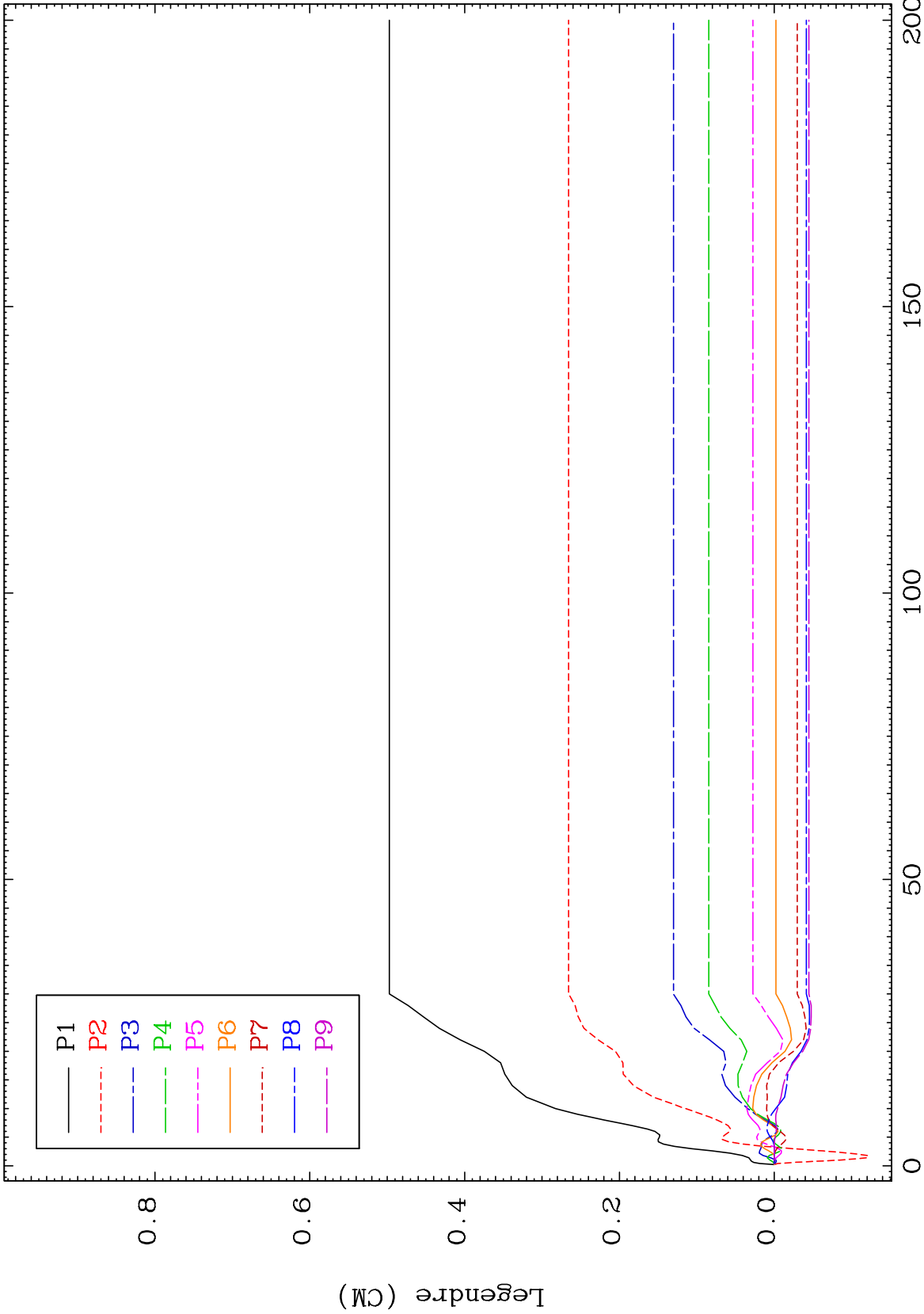
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



24

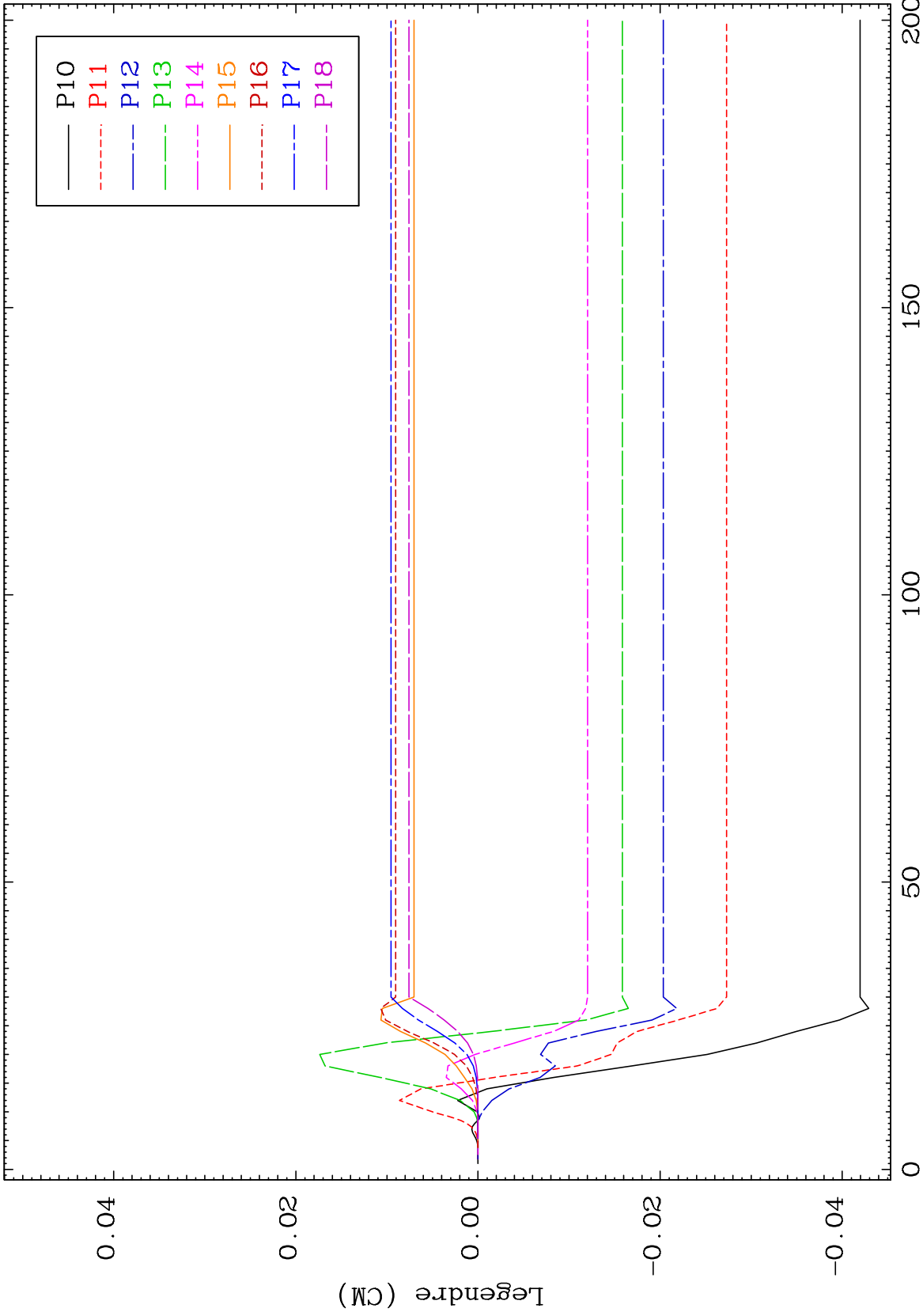
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



25

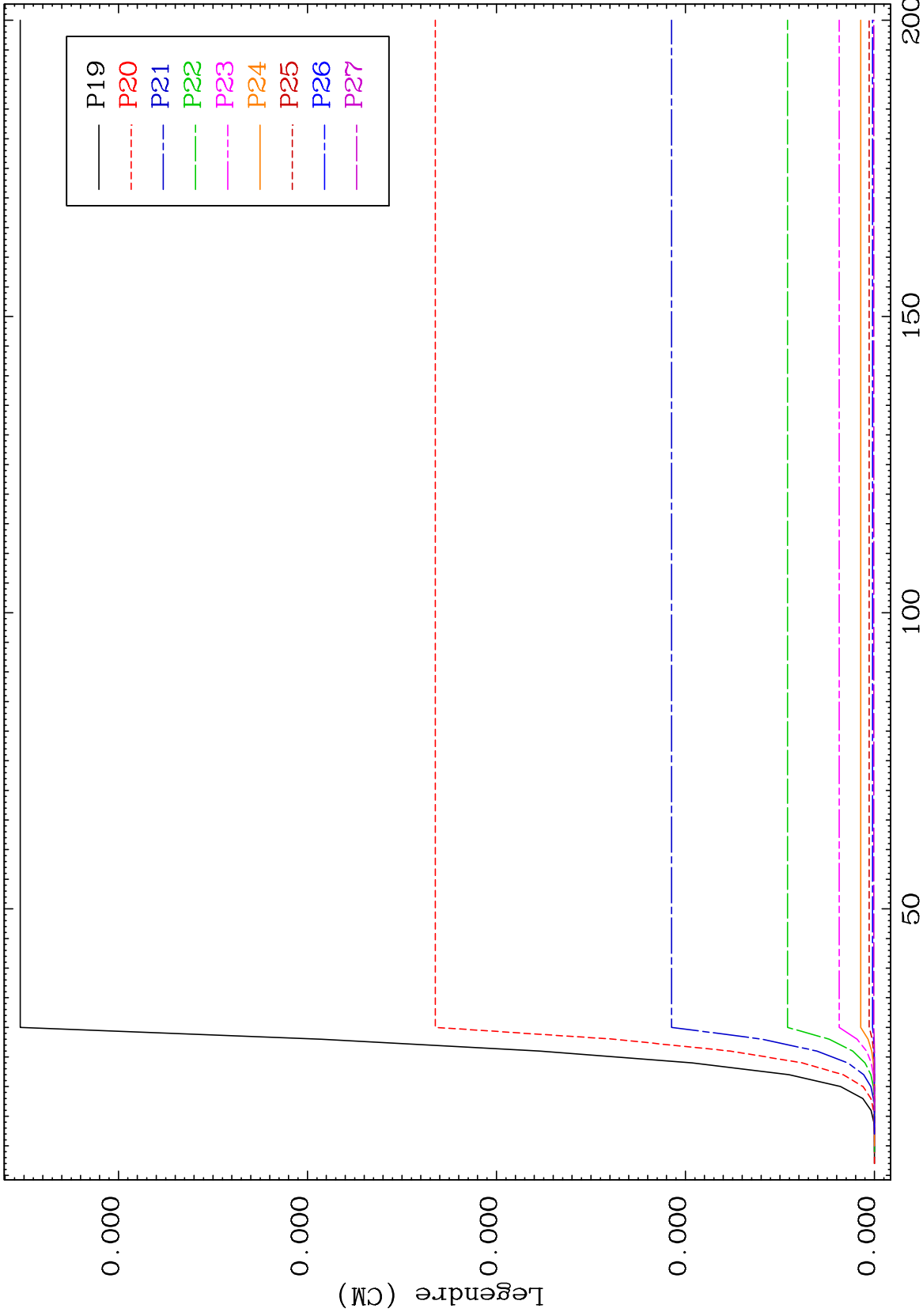
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



26

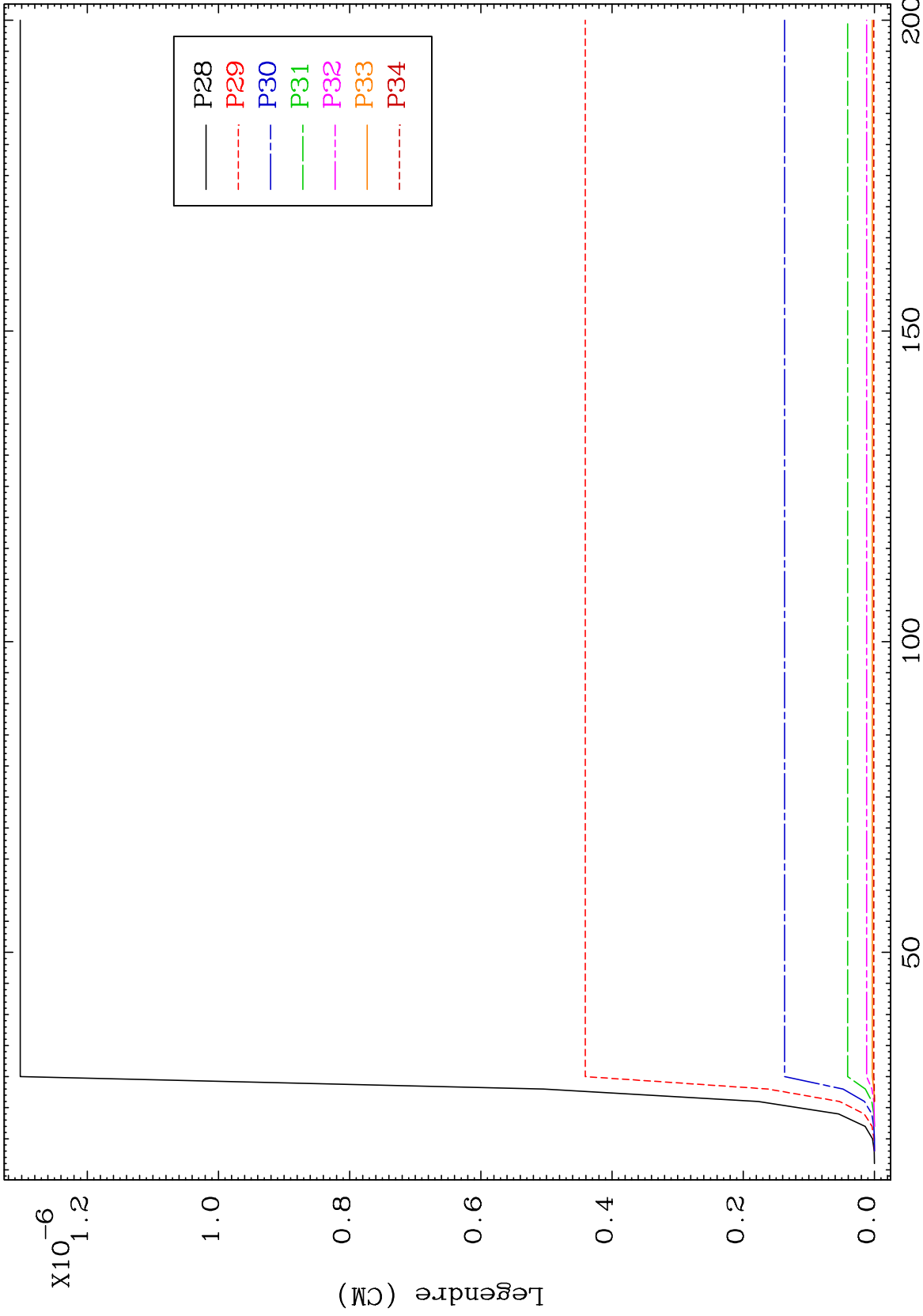
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



27

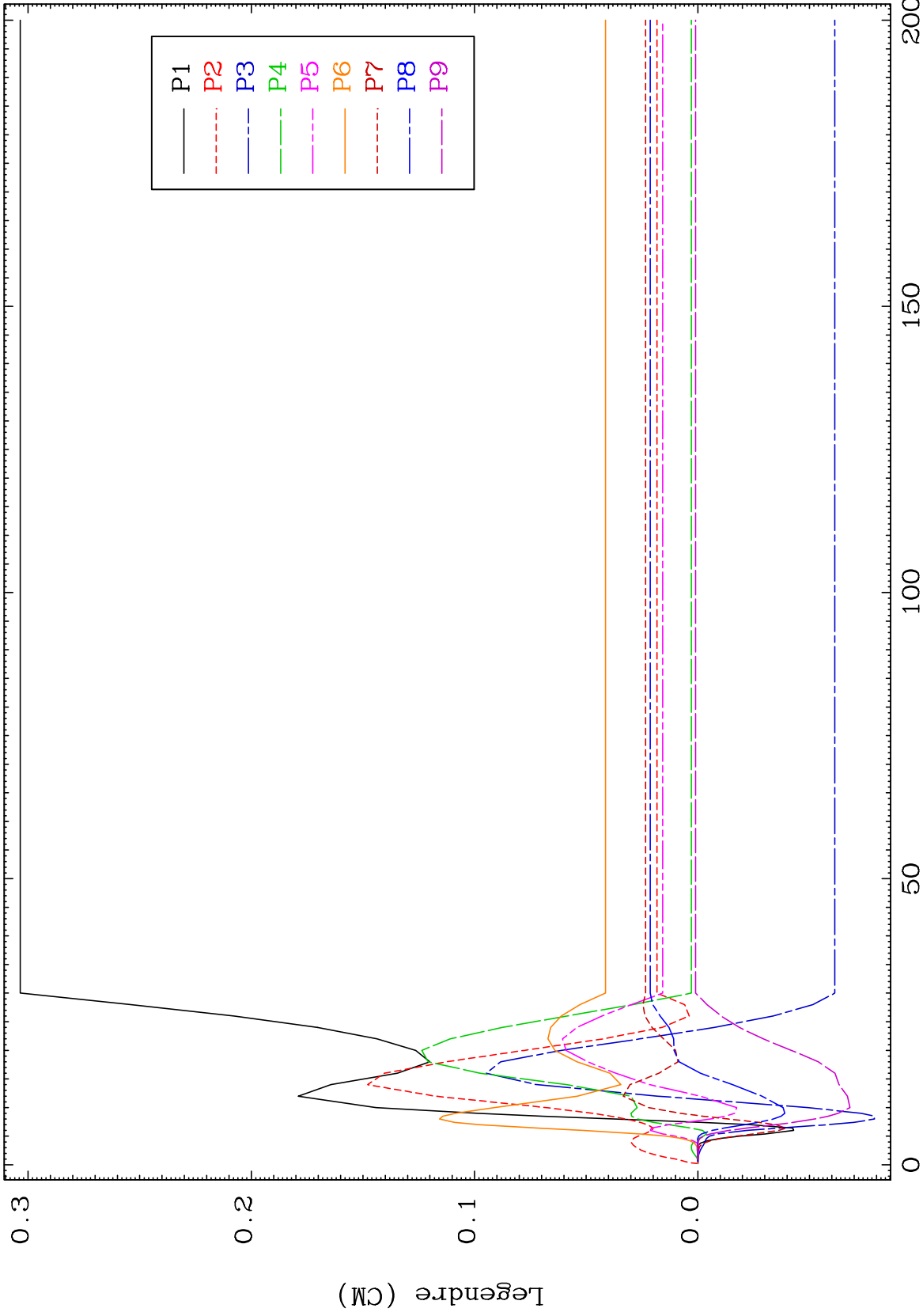
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

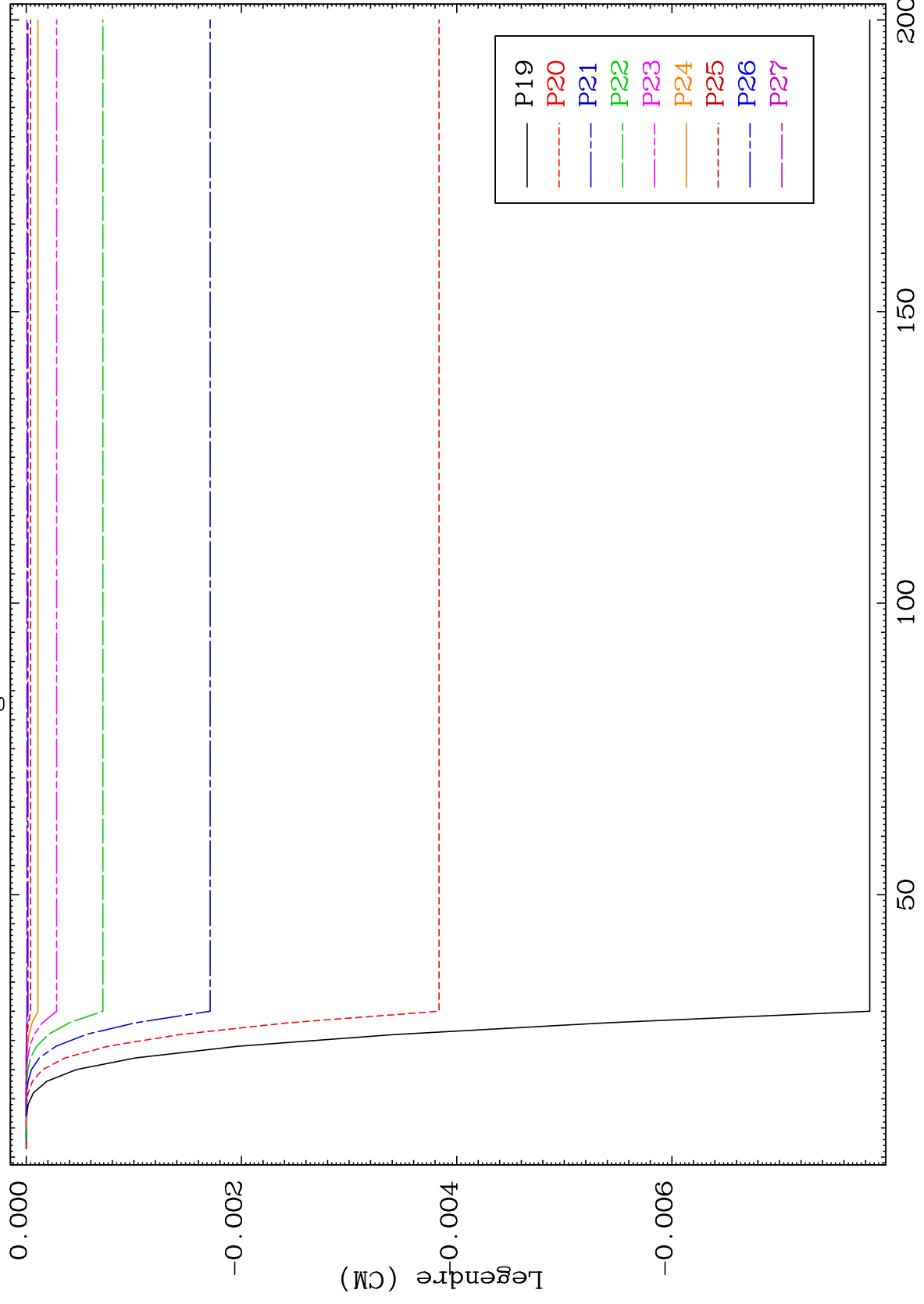


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Incident Energy (MeV)

41-Nb-101

MAT 4149 MT= 53 (n,n') Level Legendre Coefficients 41-Nb-101

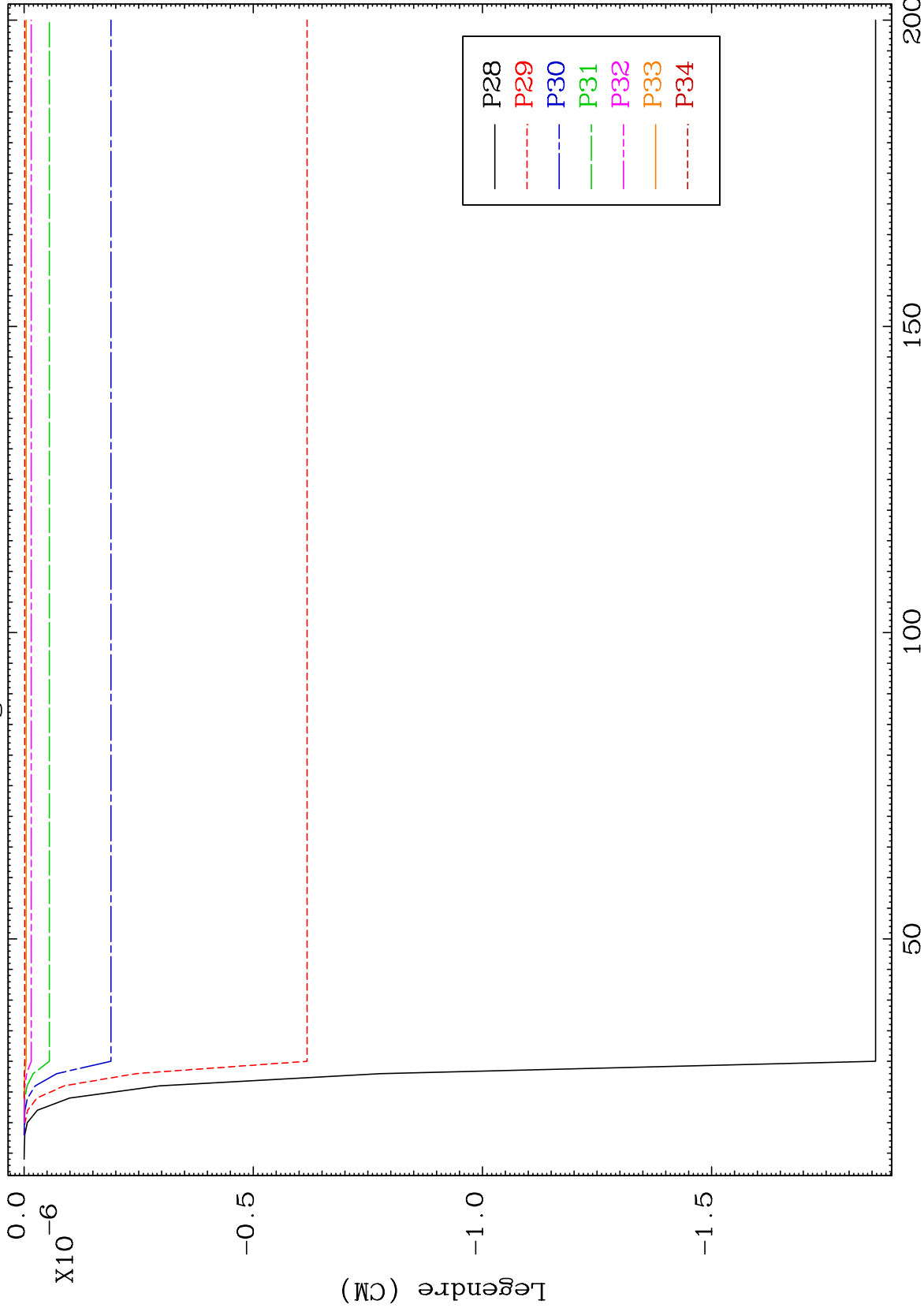


30 Incident Energy (MeV) 41-Nb-101

MAT 4149

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

41-Nb-101



31

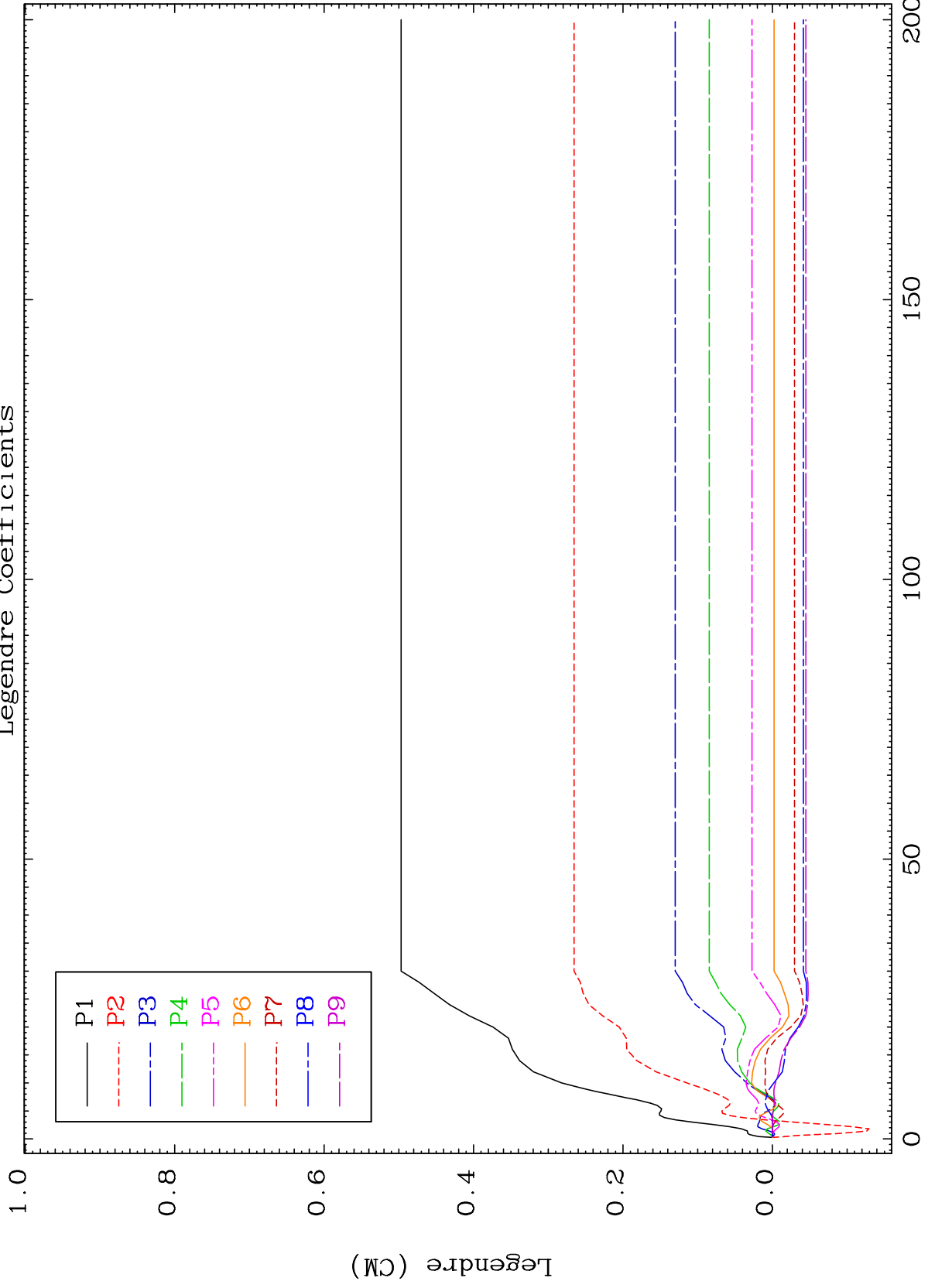
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

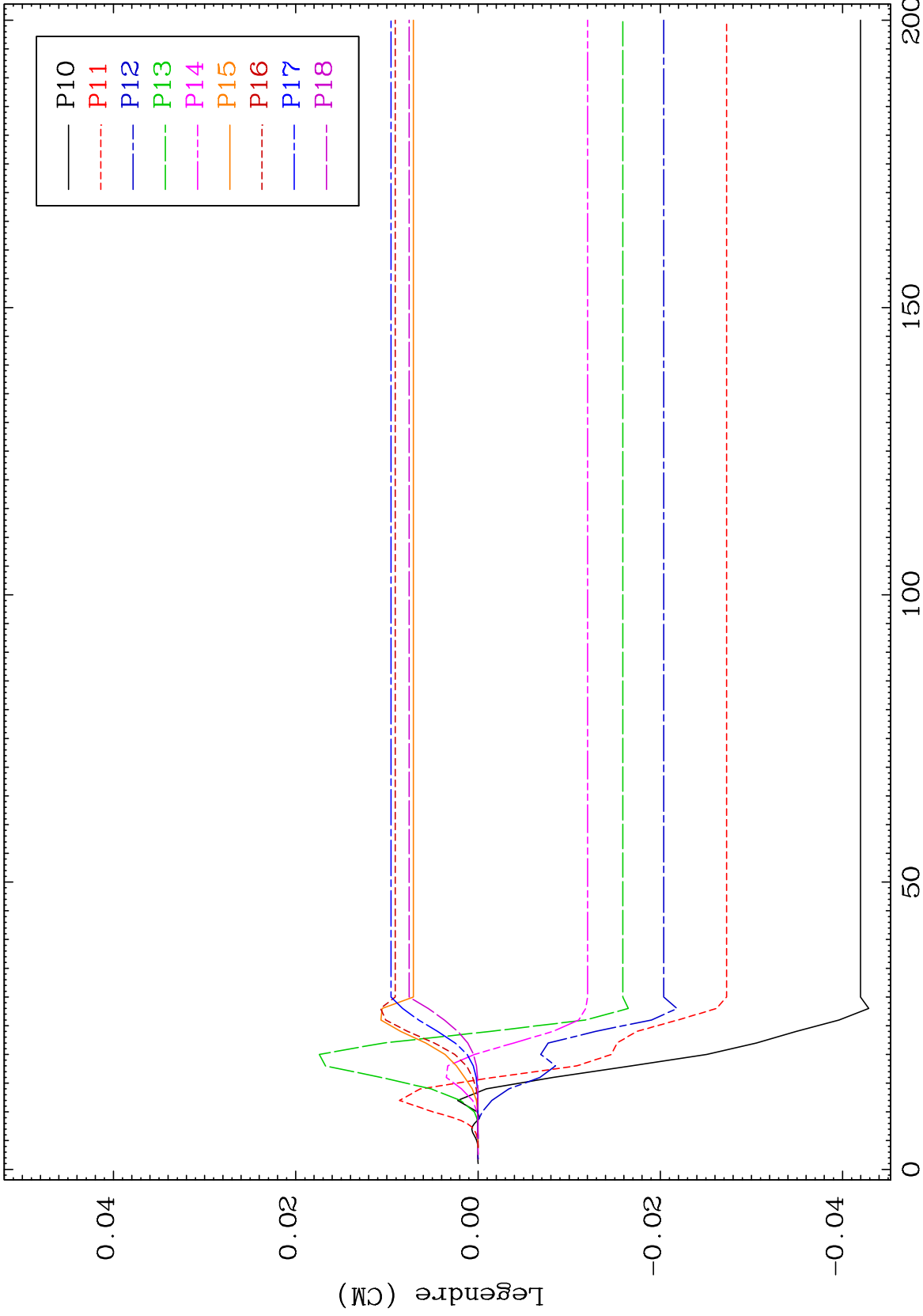
Incident Energy (MeV)

32

MAT 4149

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

41-Nb-101



33

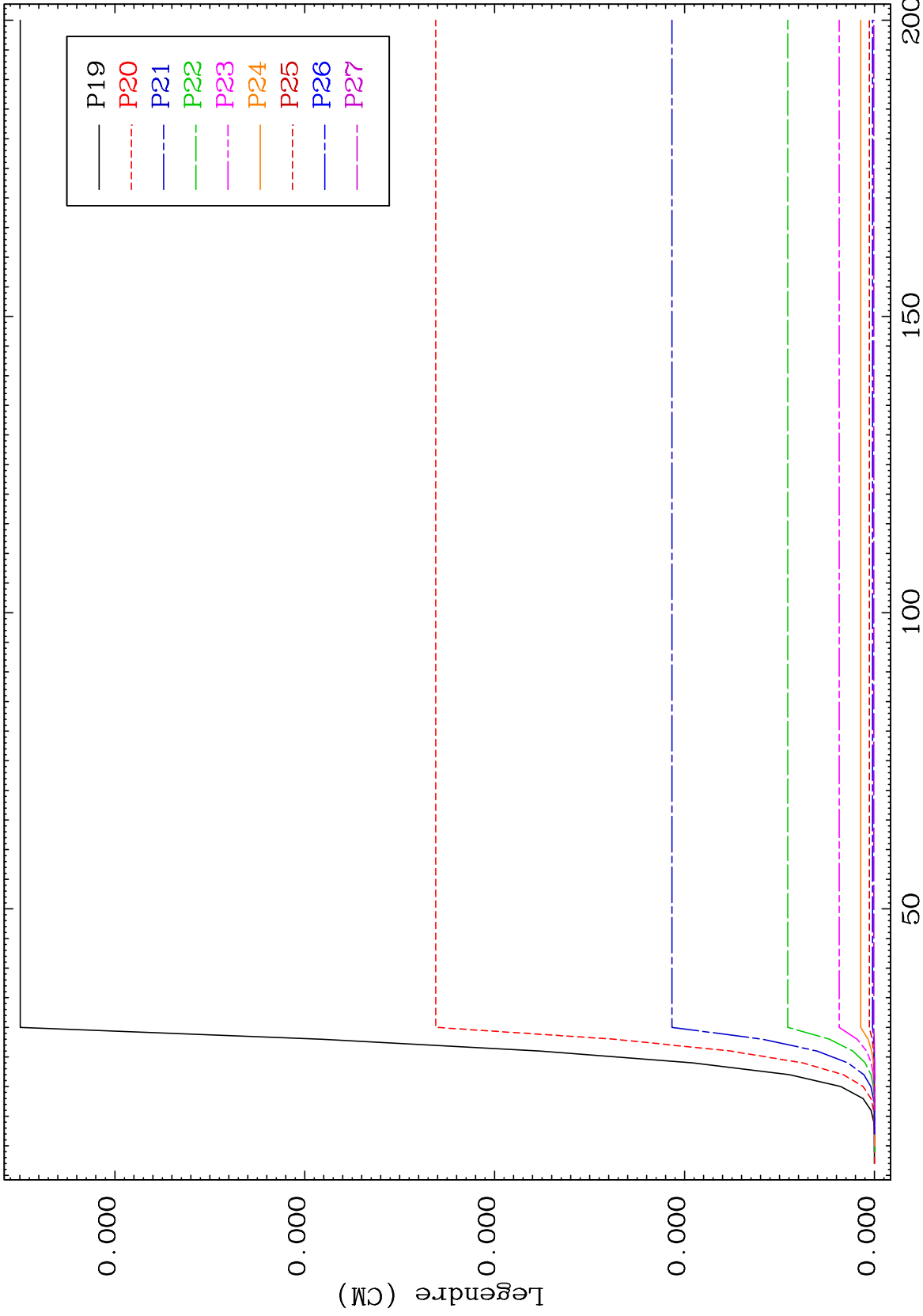
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



34

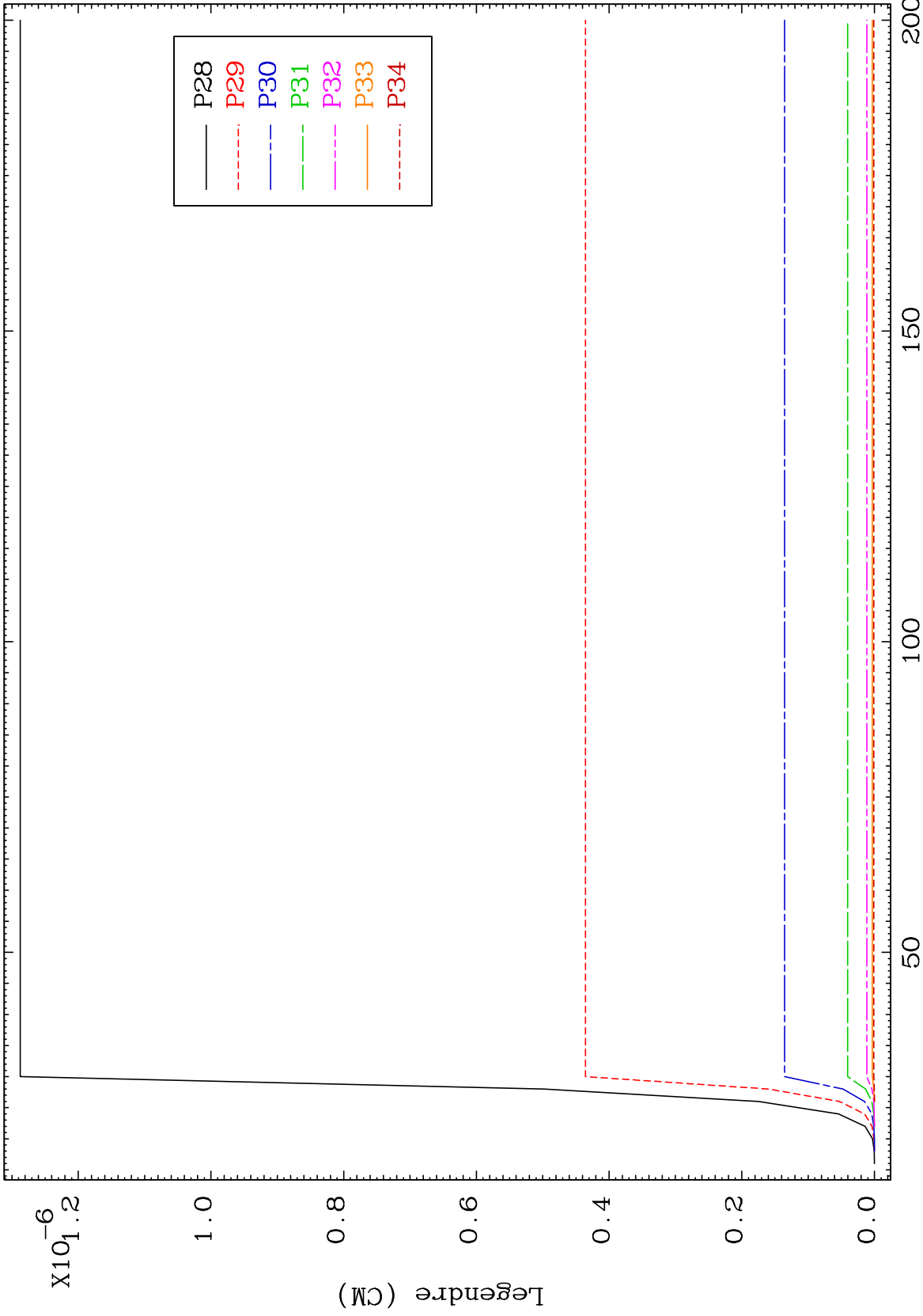
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



35

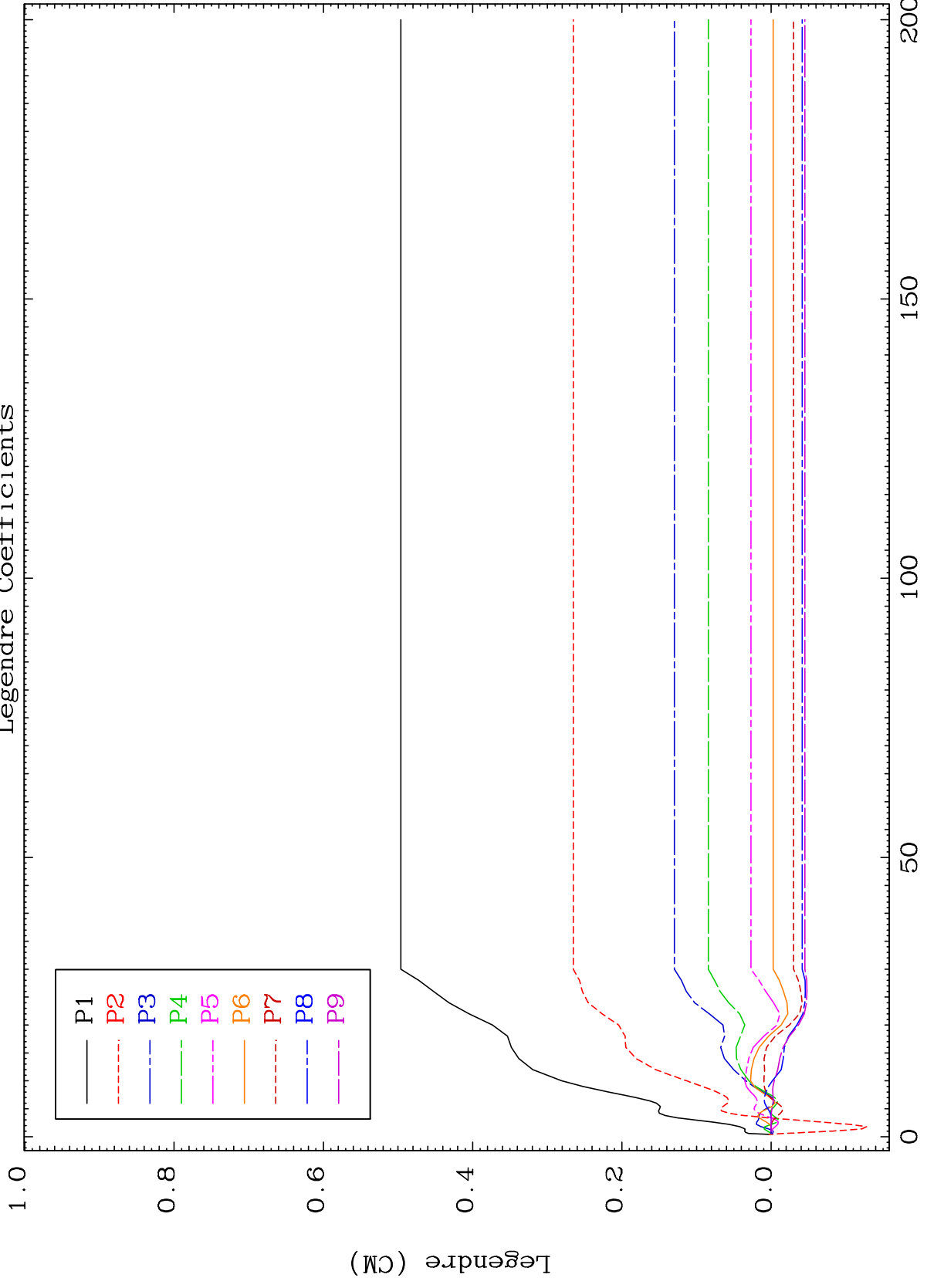
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

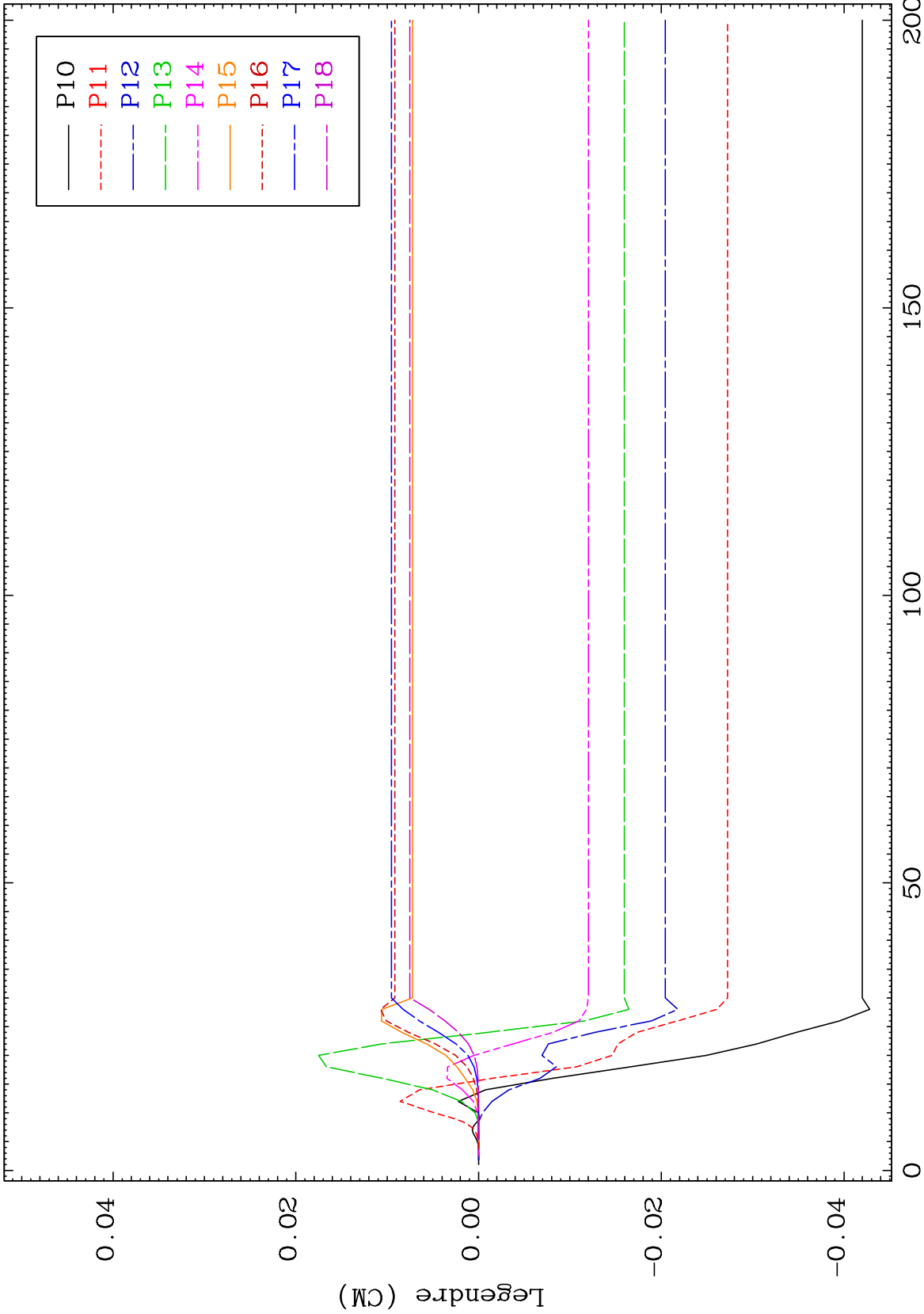
Incident Energy (MeV)

36

MAT 4149

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

41-Nb-101



37

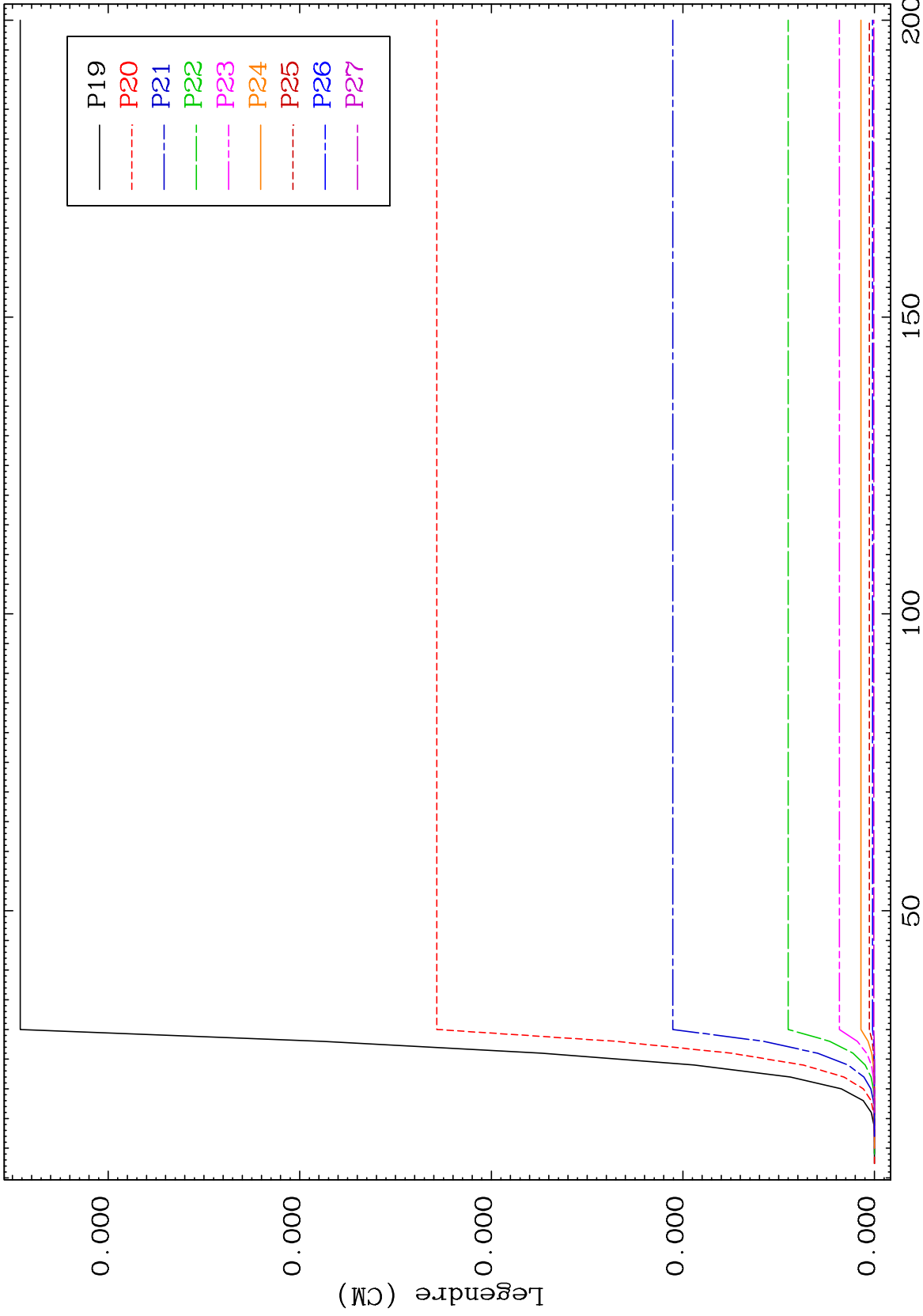
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



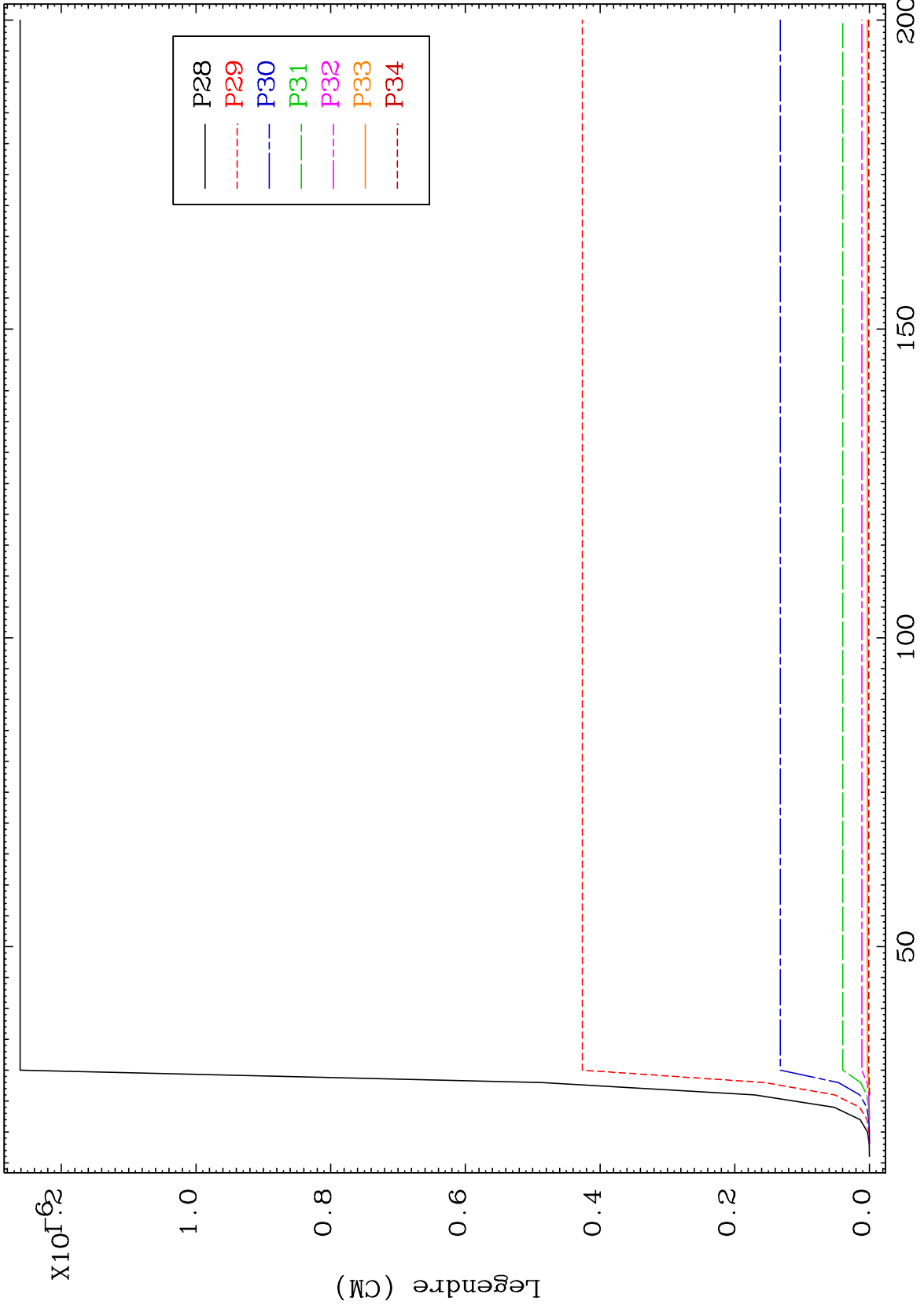
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41-Nb-101

MAT 4149

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

41-Nb-101

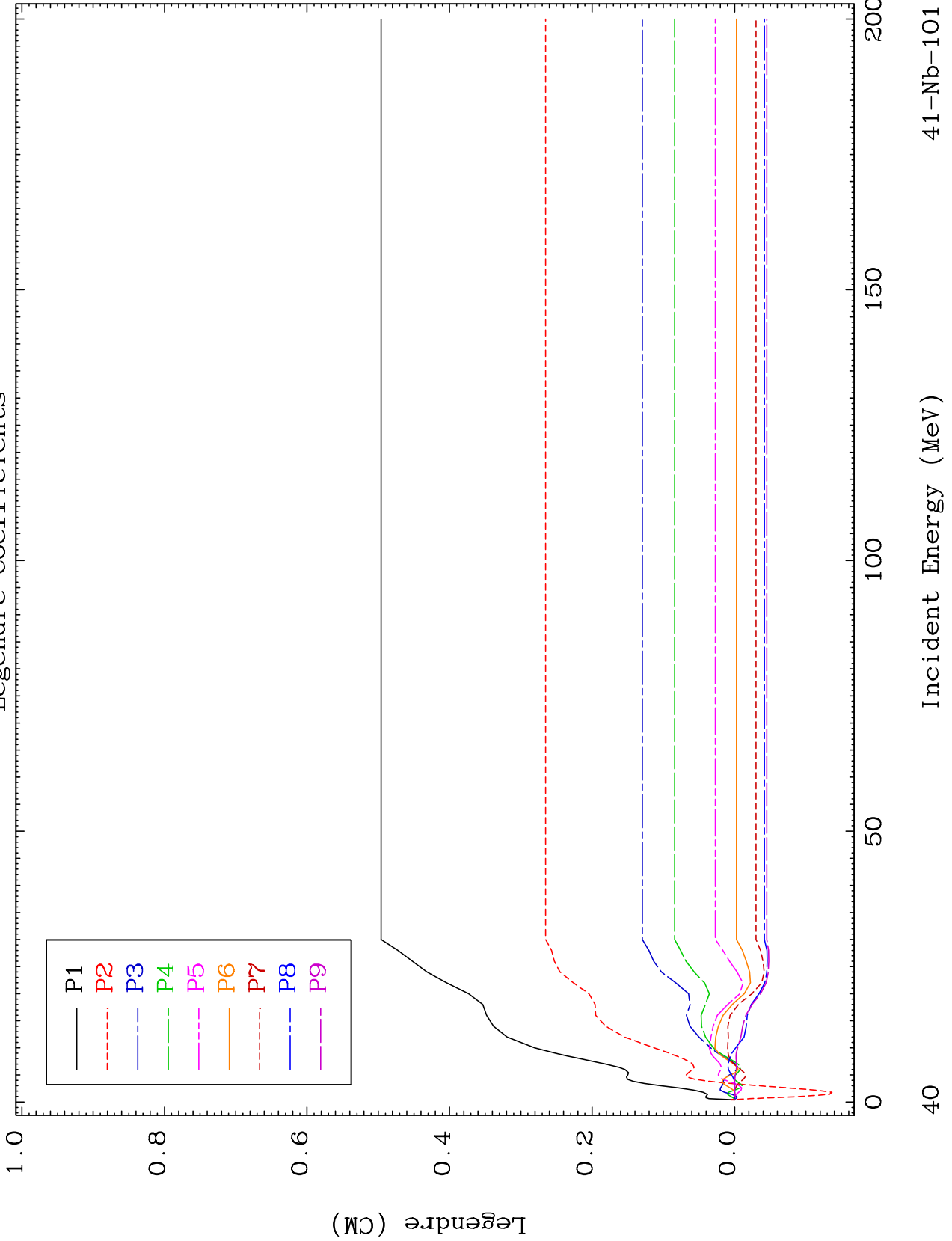


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Incident Energy (MeV)

41-Nb-101

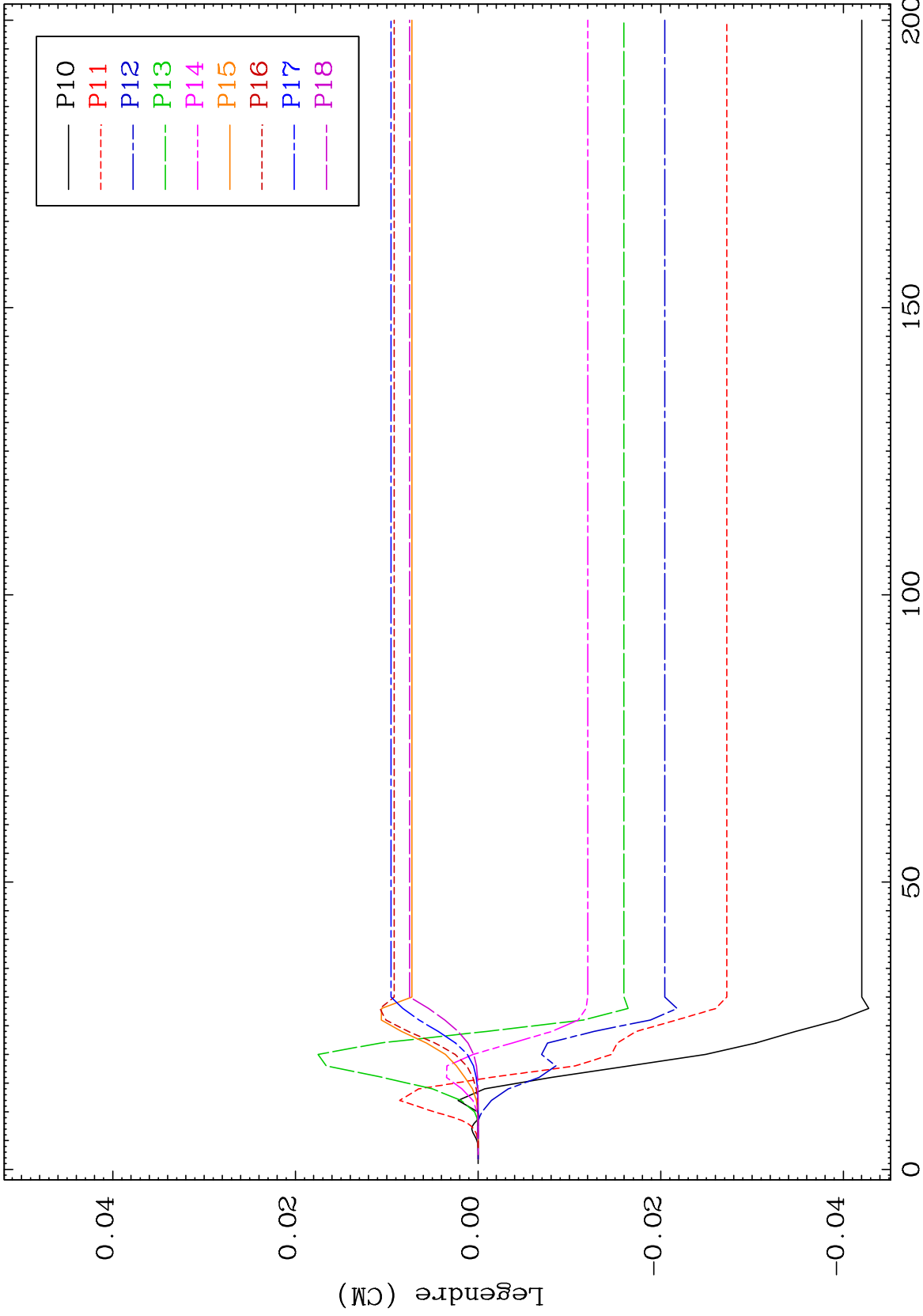
MAT 4149 MT= 56 (n,n') Level Legendre Coefficients 41-Nb-101



MAT 4149

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

41-Nb-101



41

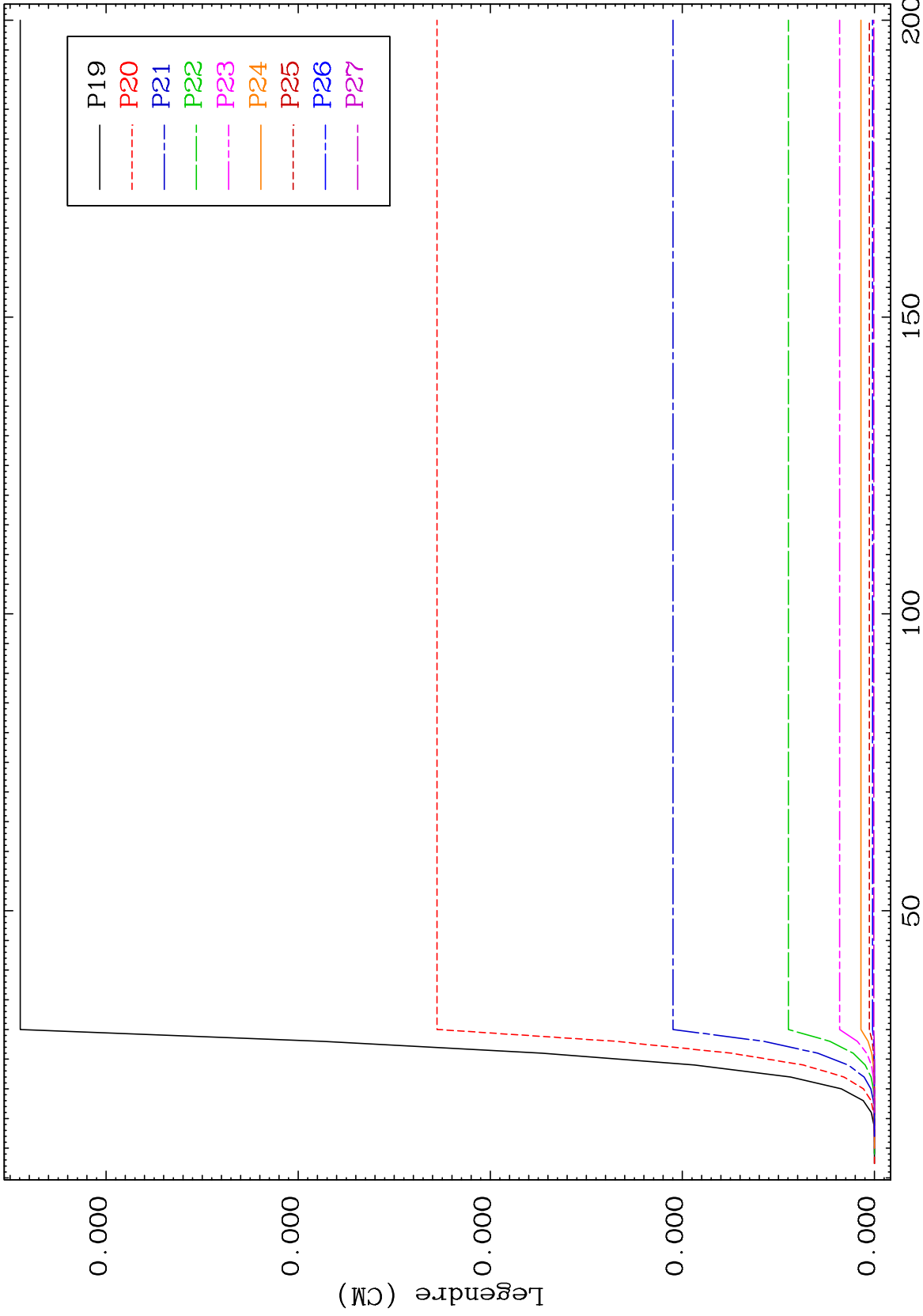
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



42

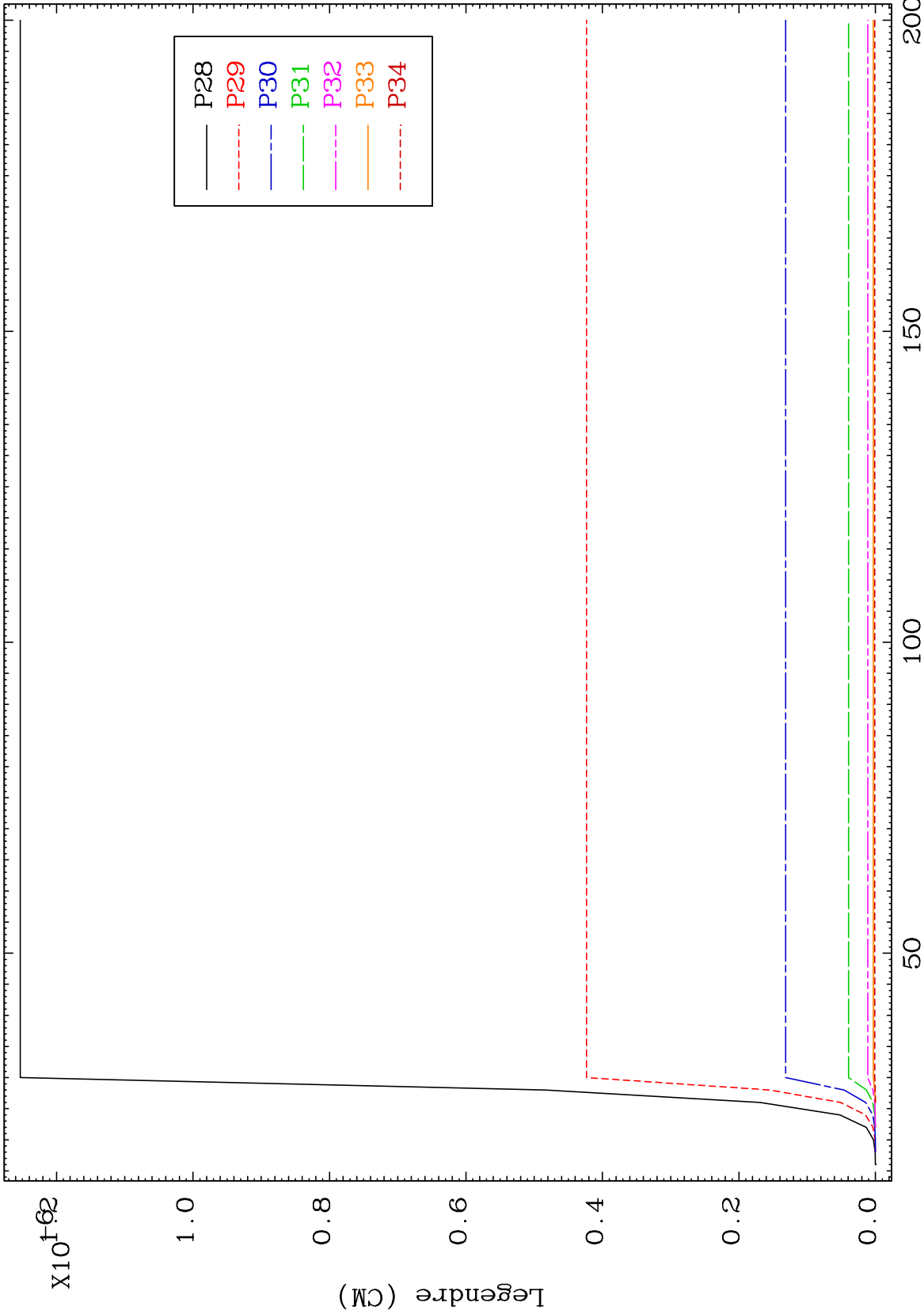
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



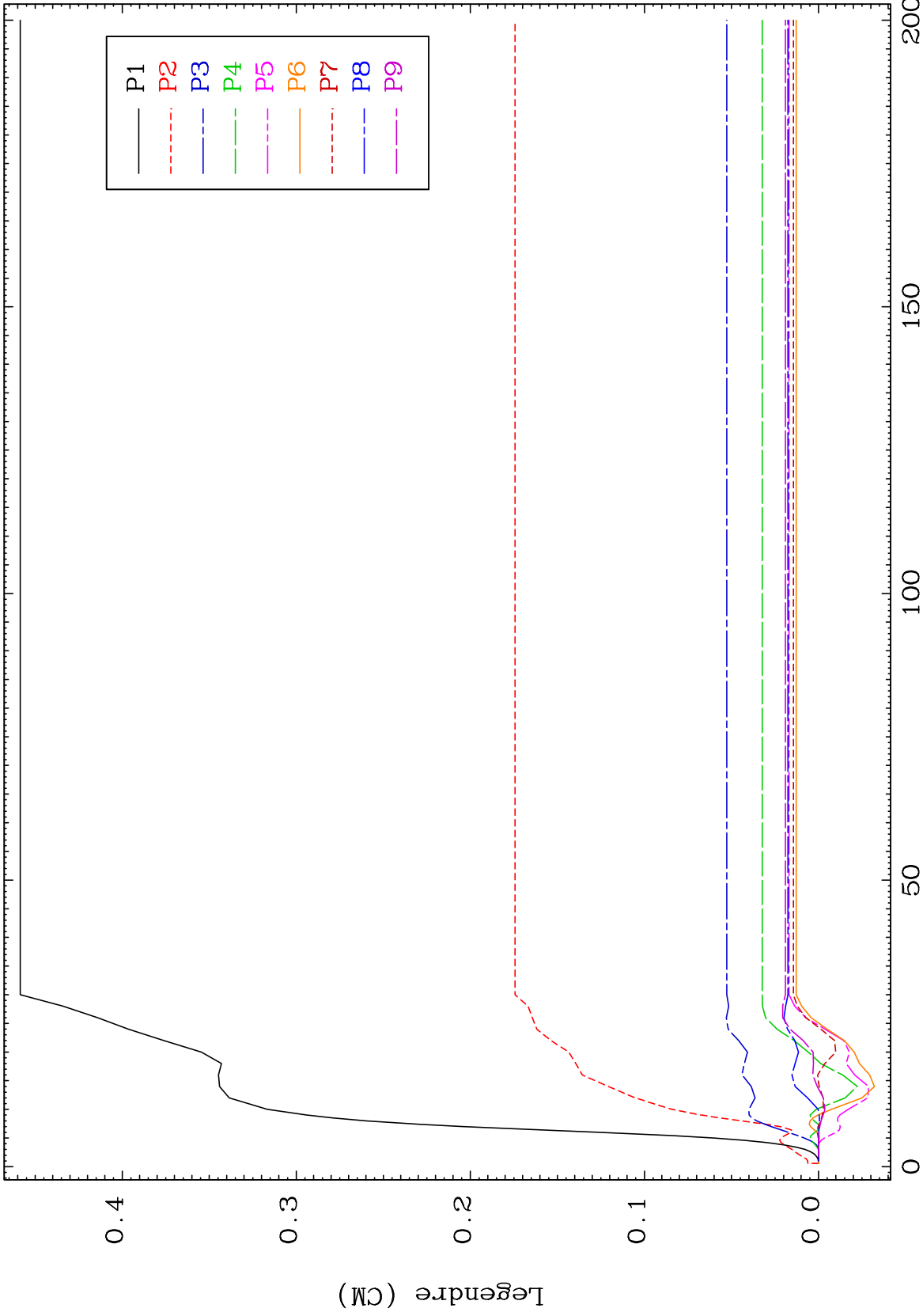
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41-Nb-101

MAT 4149

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

41-Nb-101



44

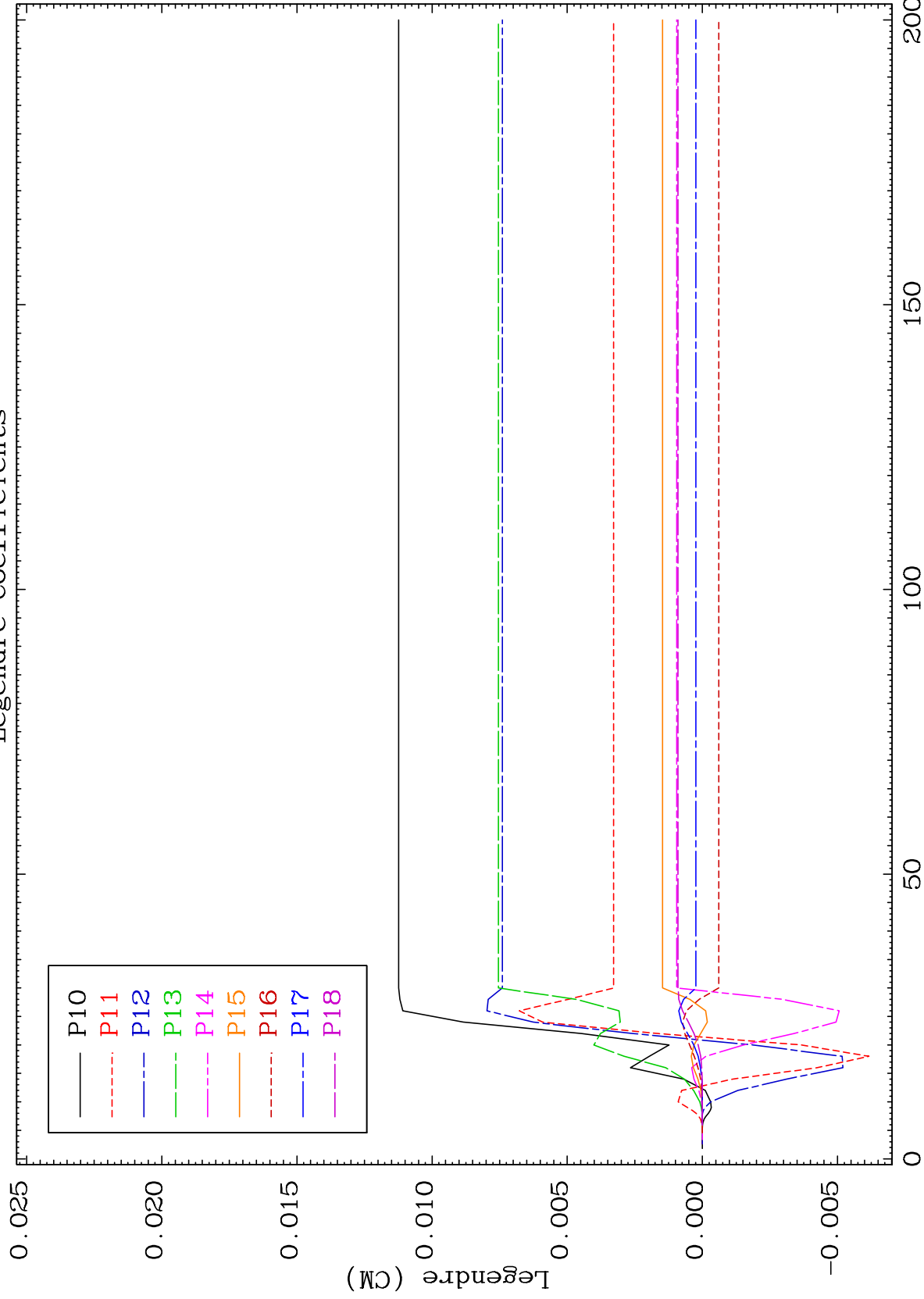
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



45

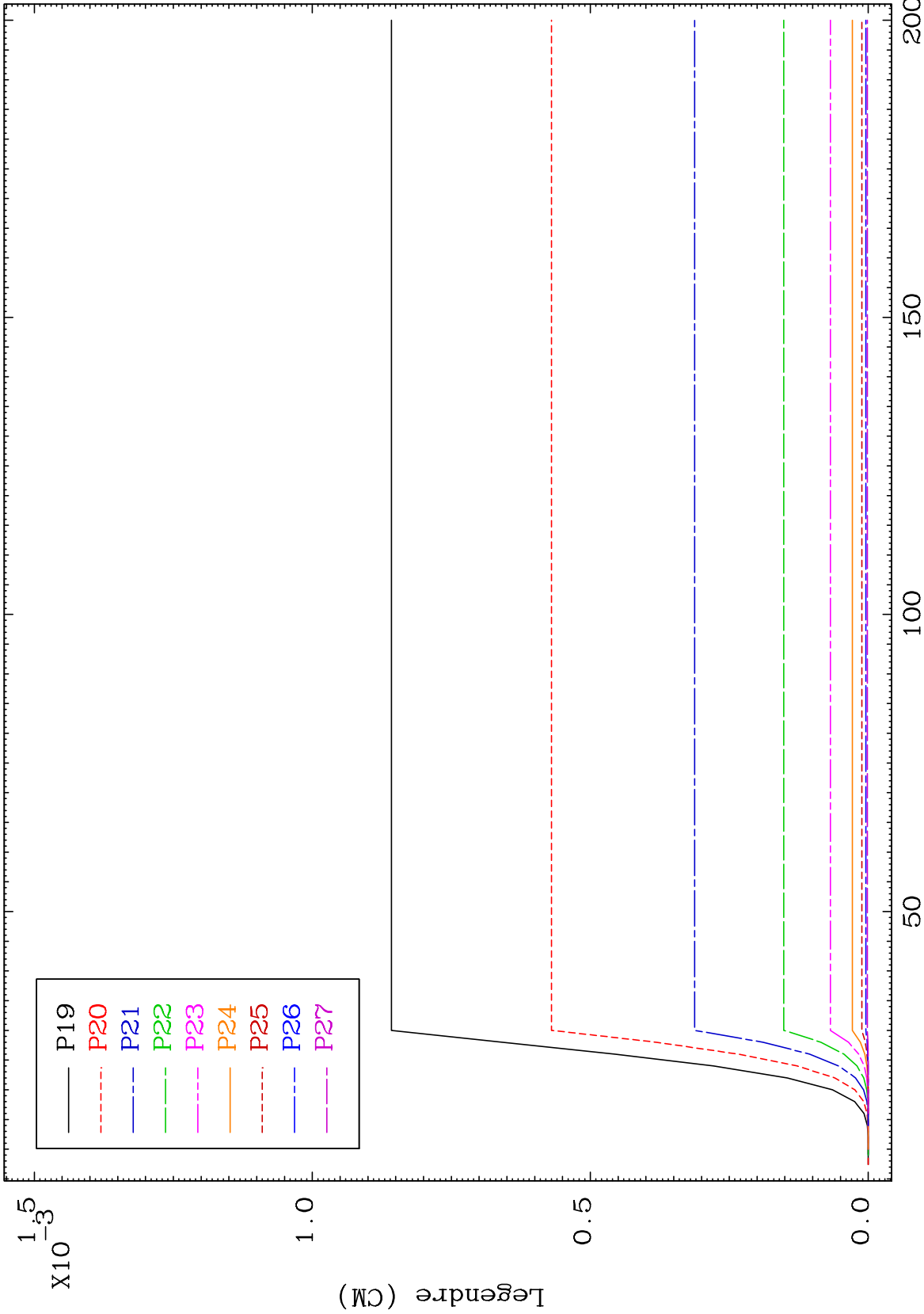
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



46

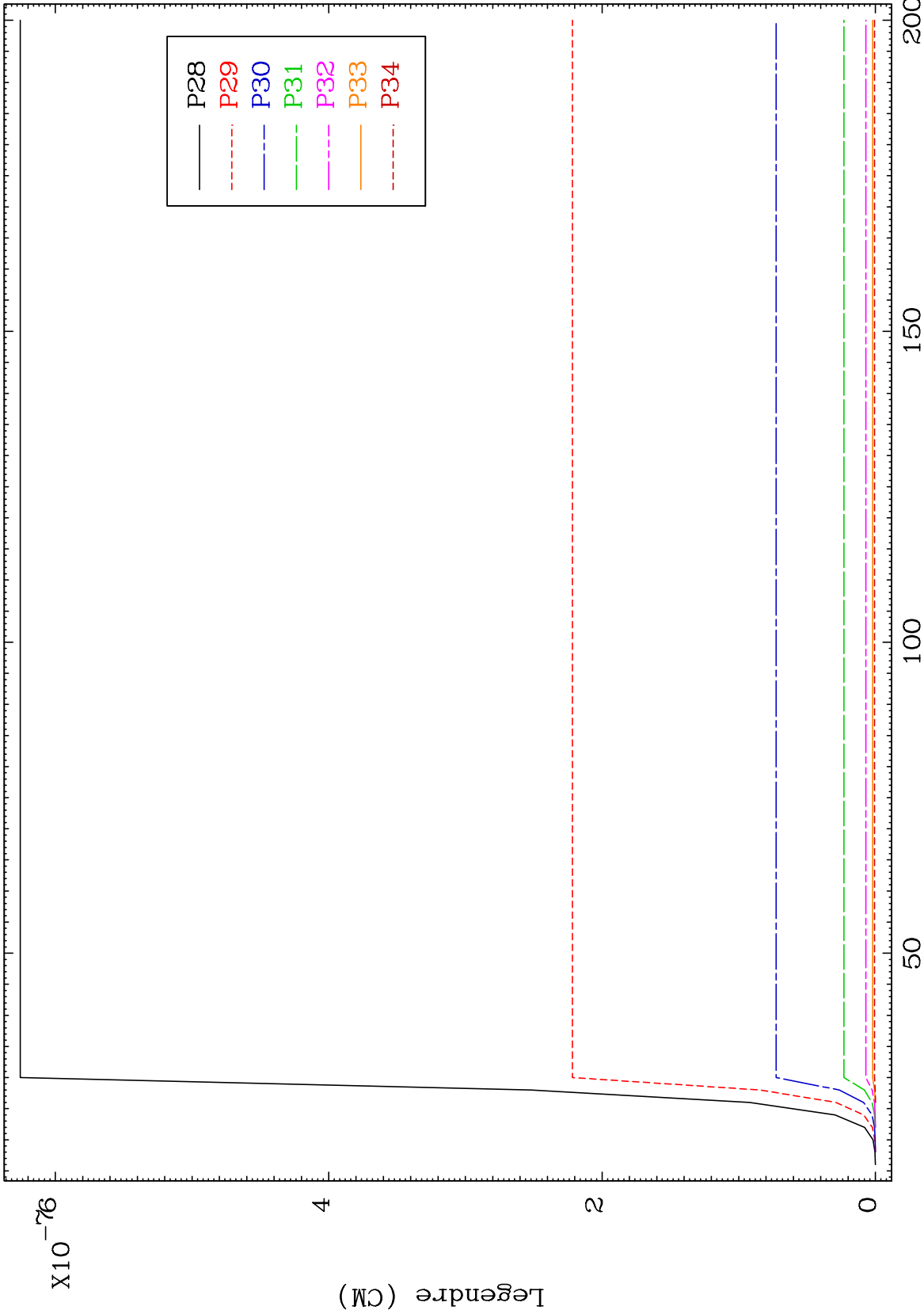
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



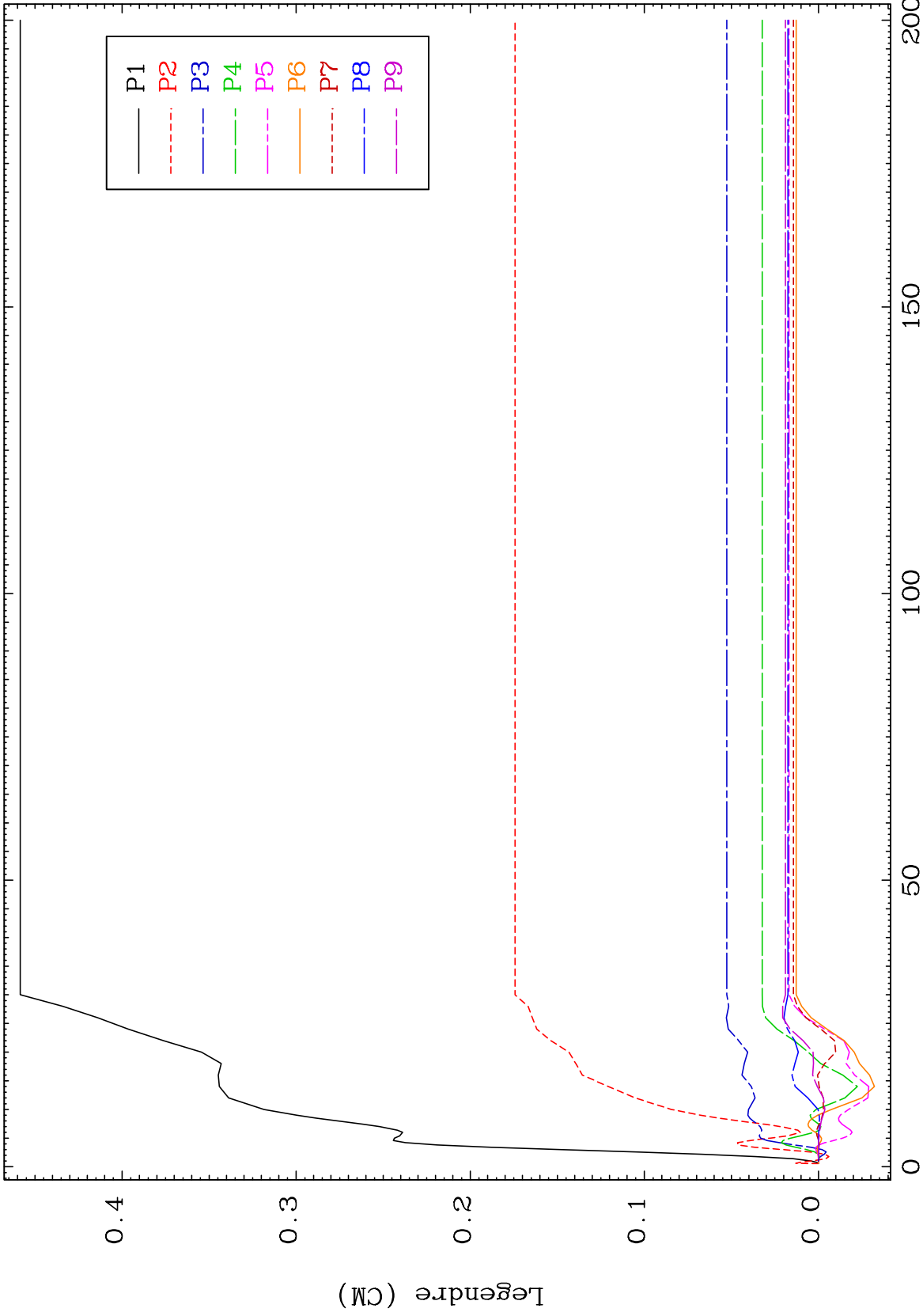
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41-Nb-101

MAT 4149

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

41-Nb-101



48

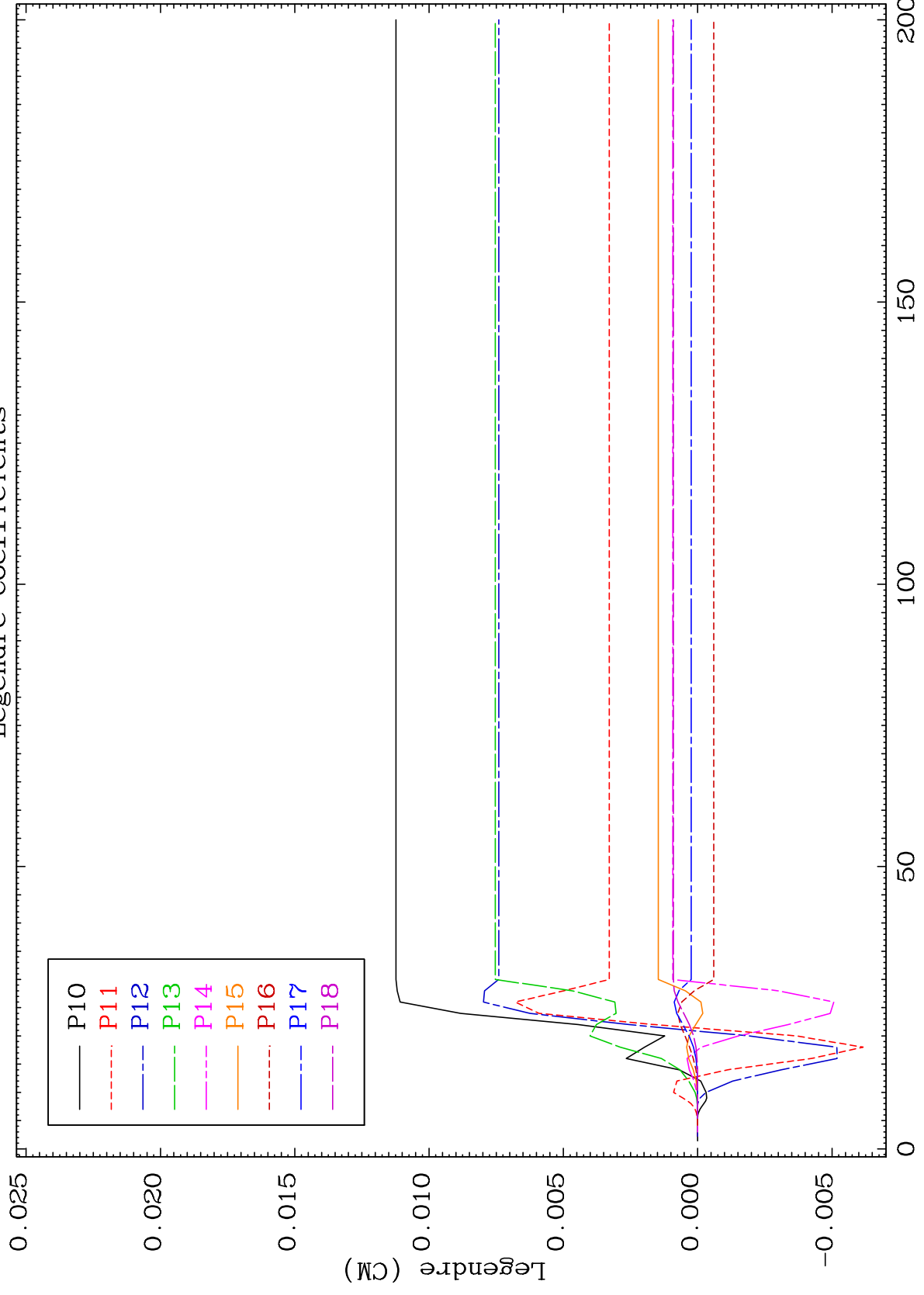
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



49

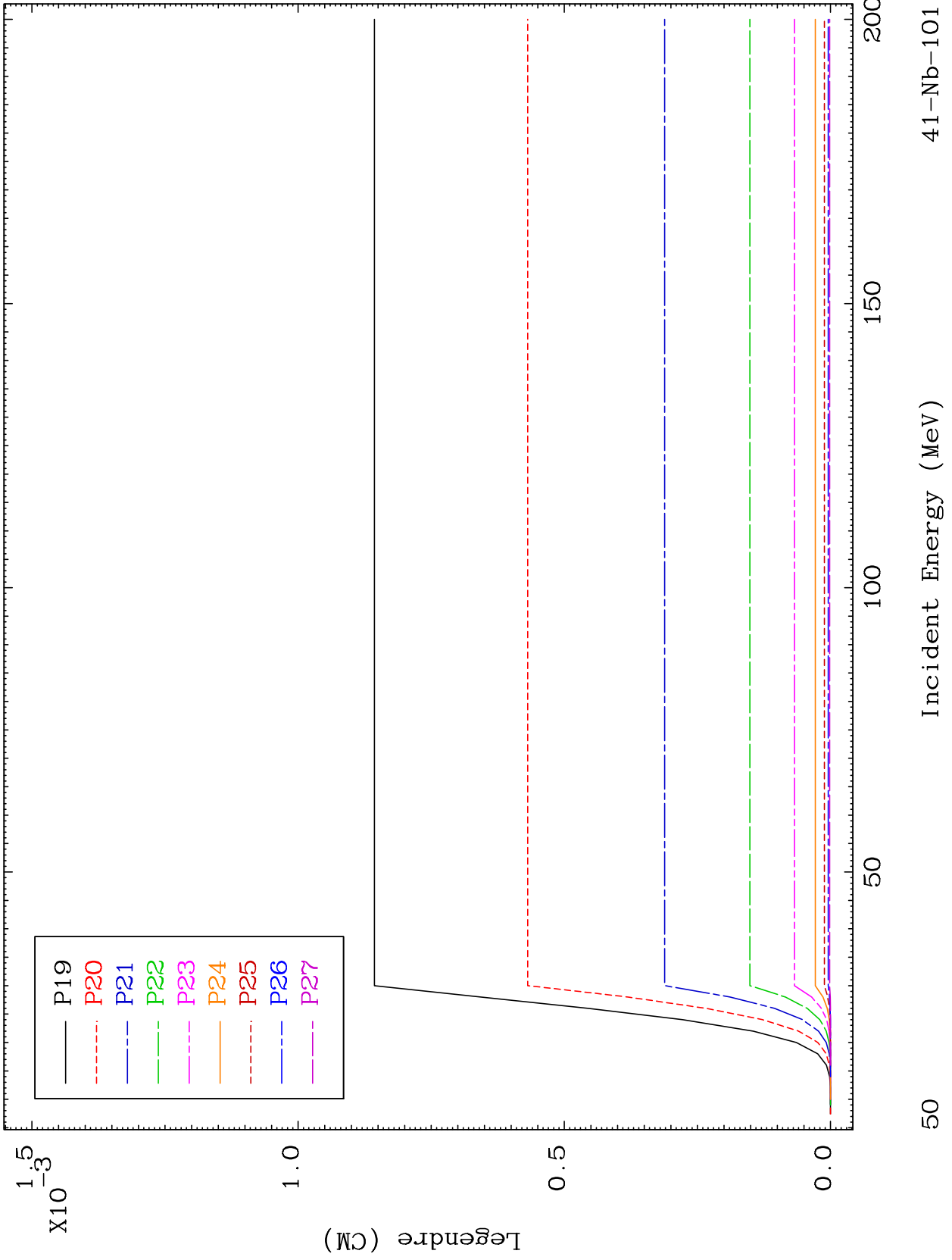
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

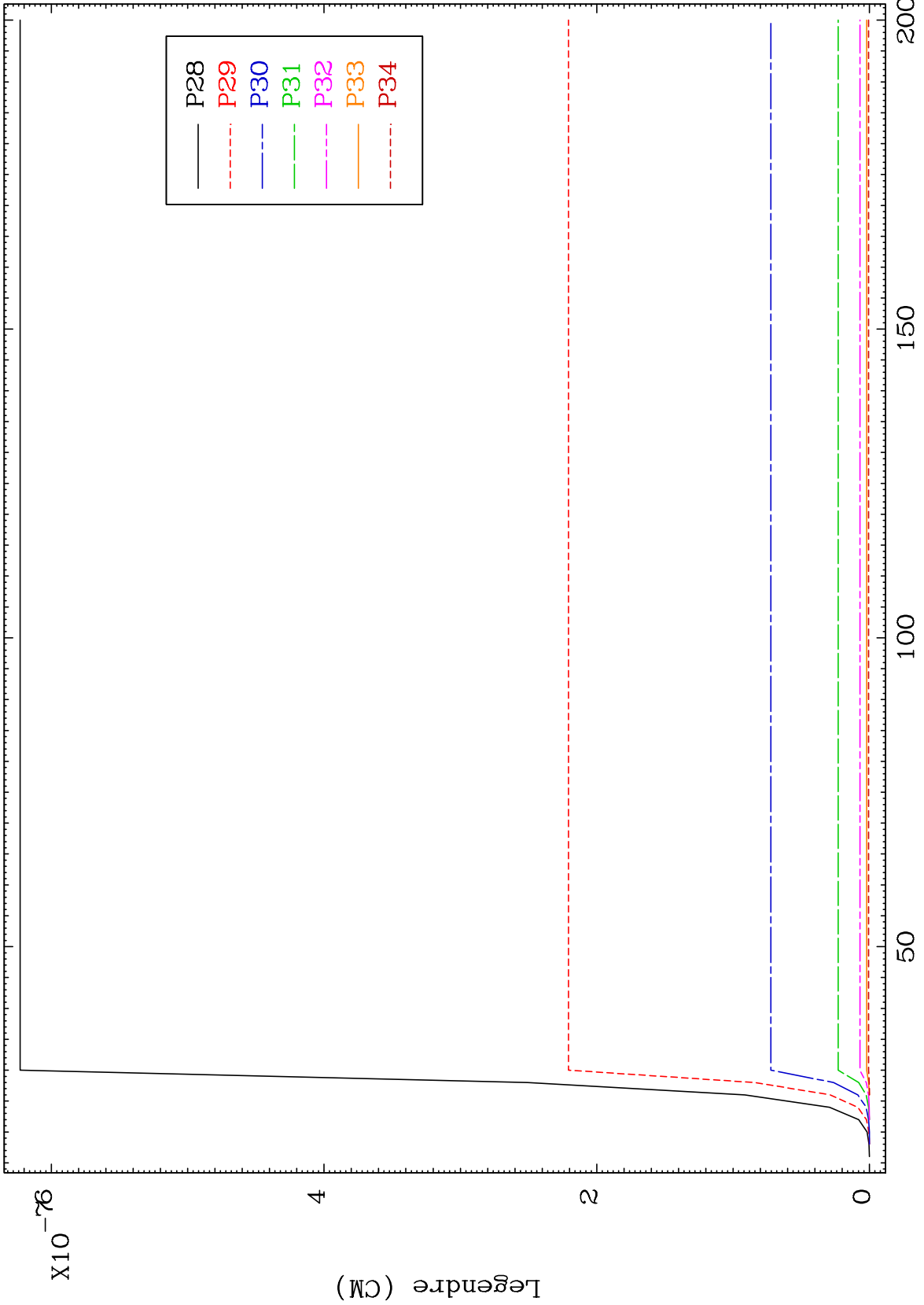
41-Nb-101



MAT 4149

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

41-Nb-101



51

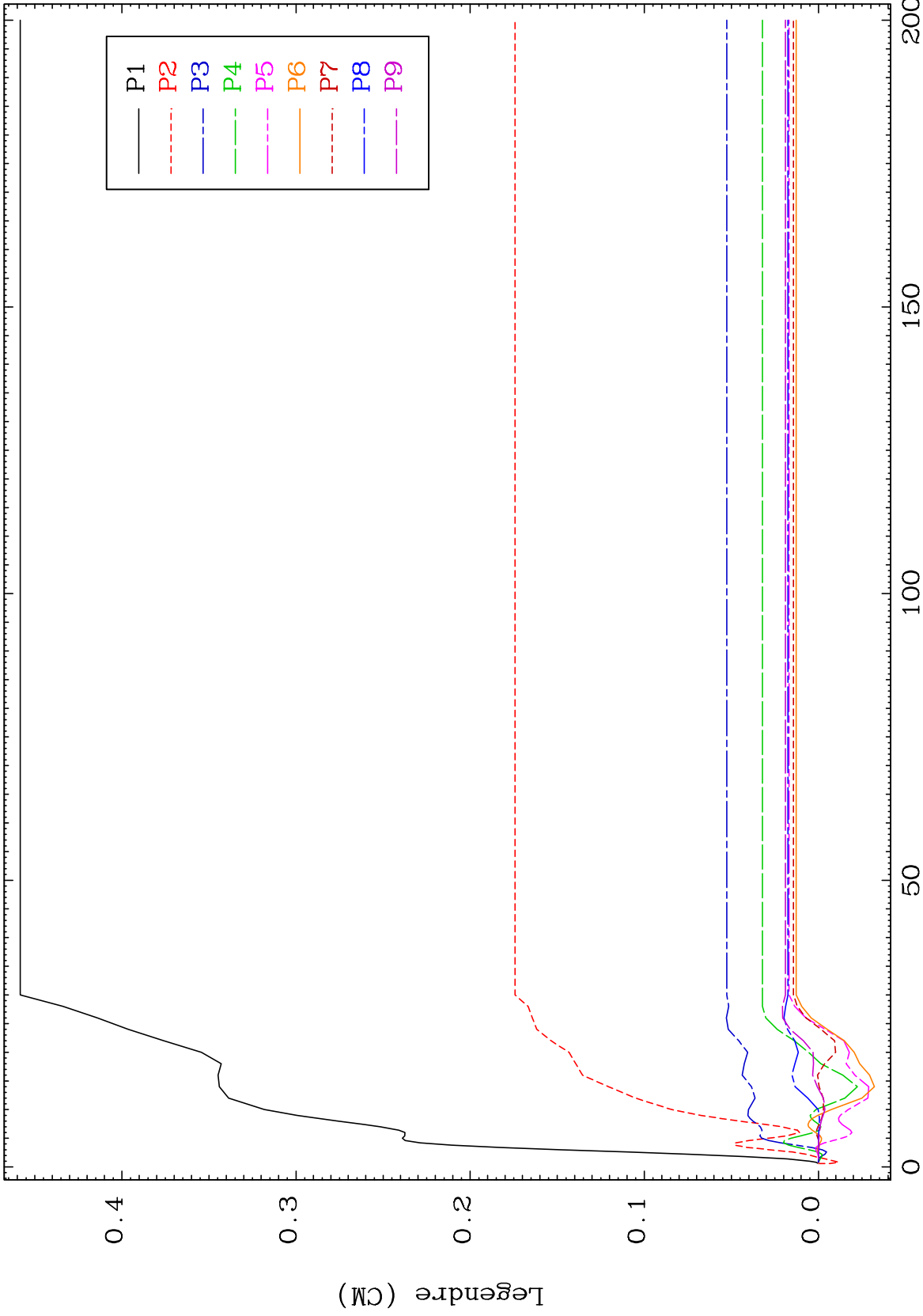
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



52

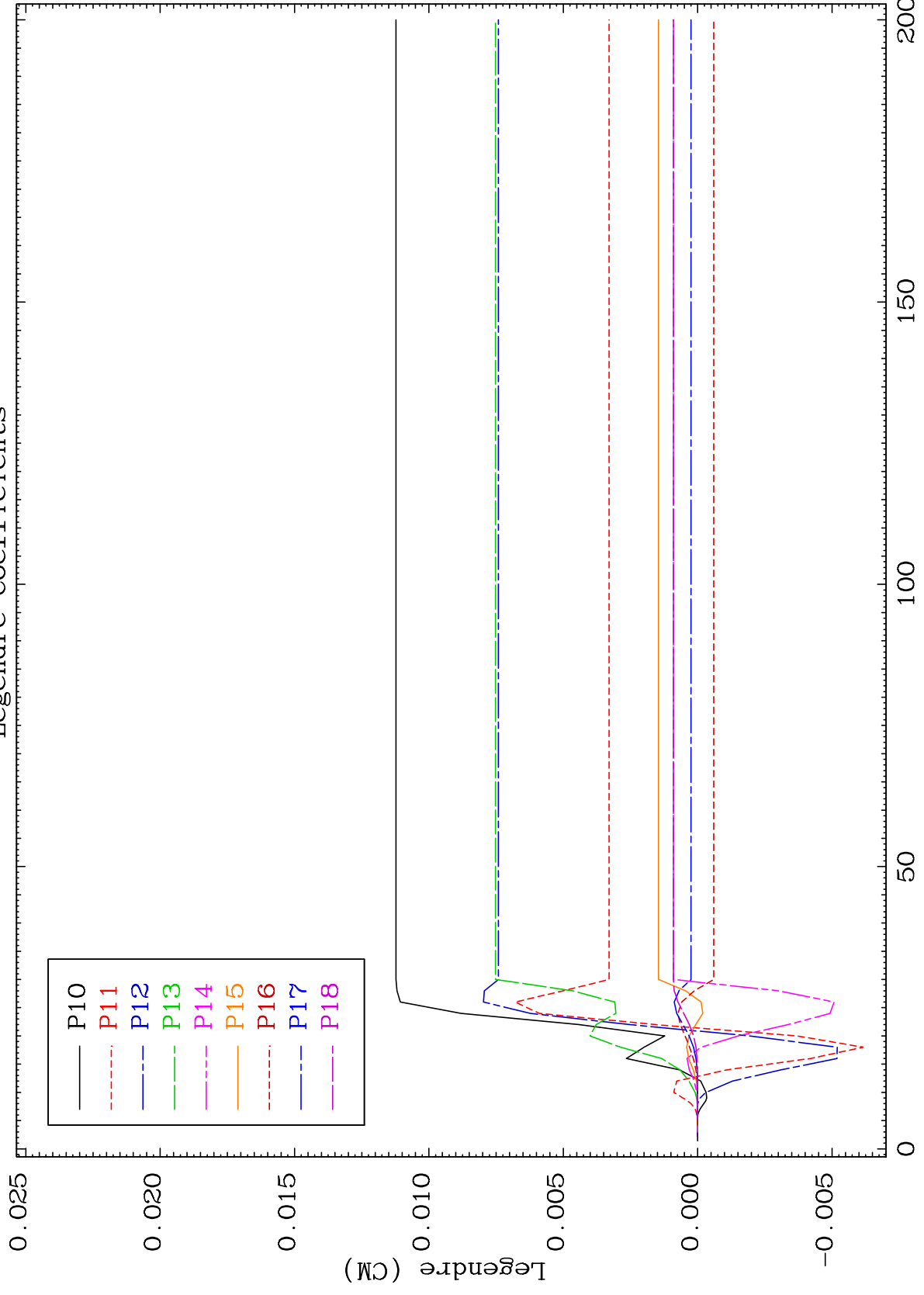
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



53

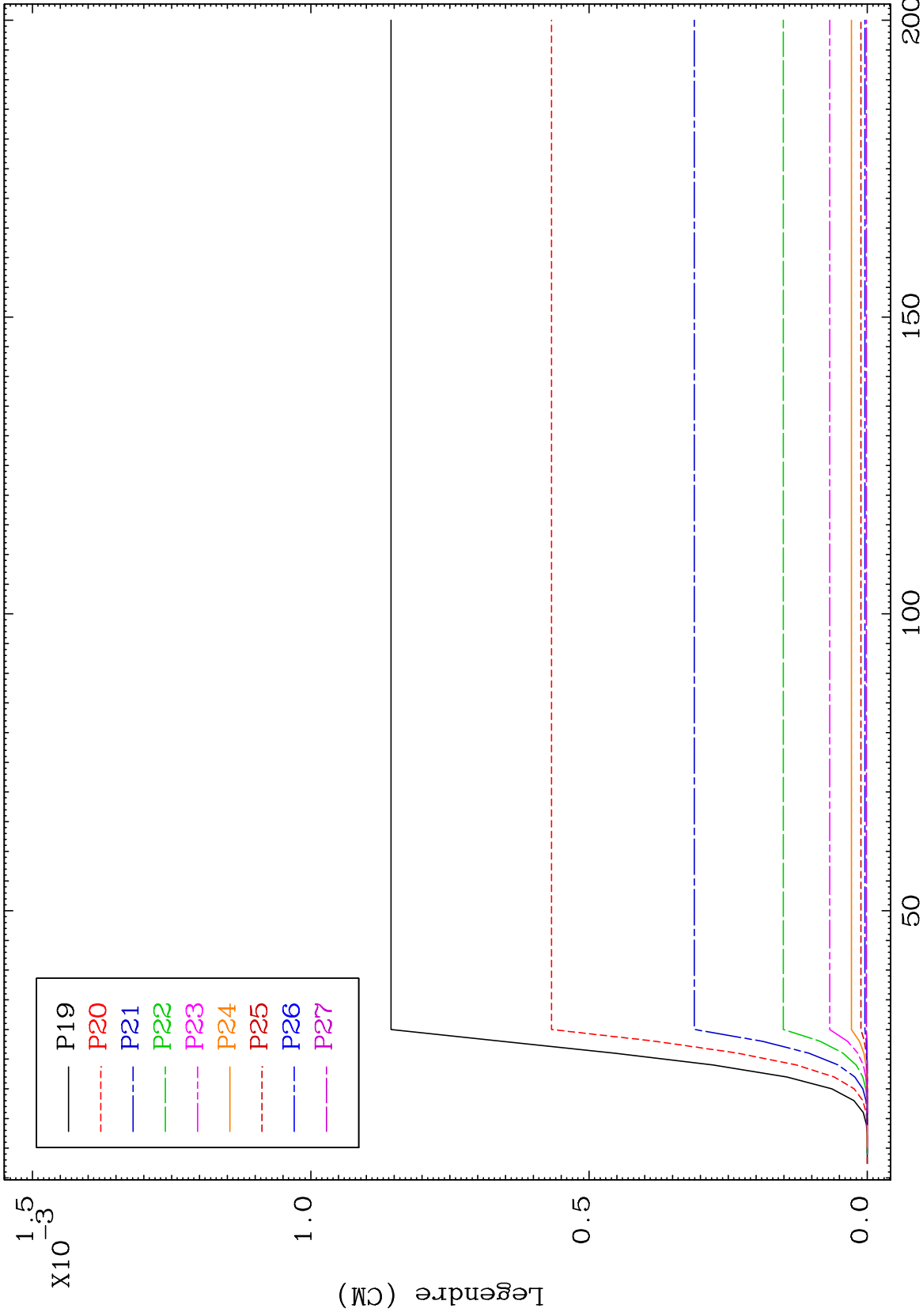
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



54

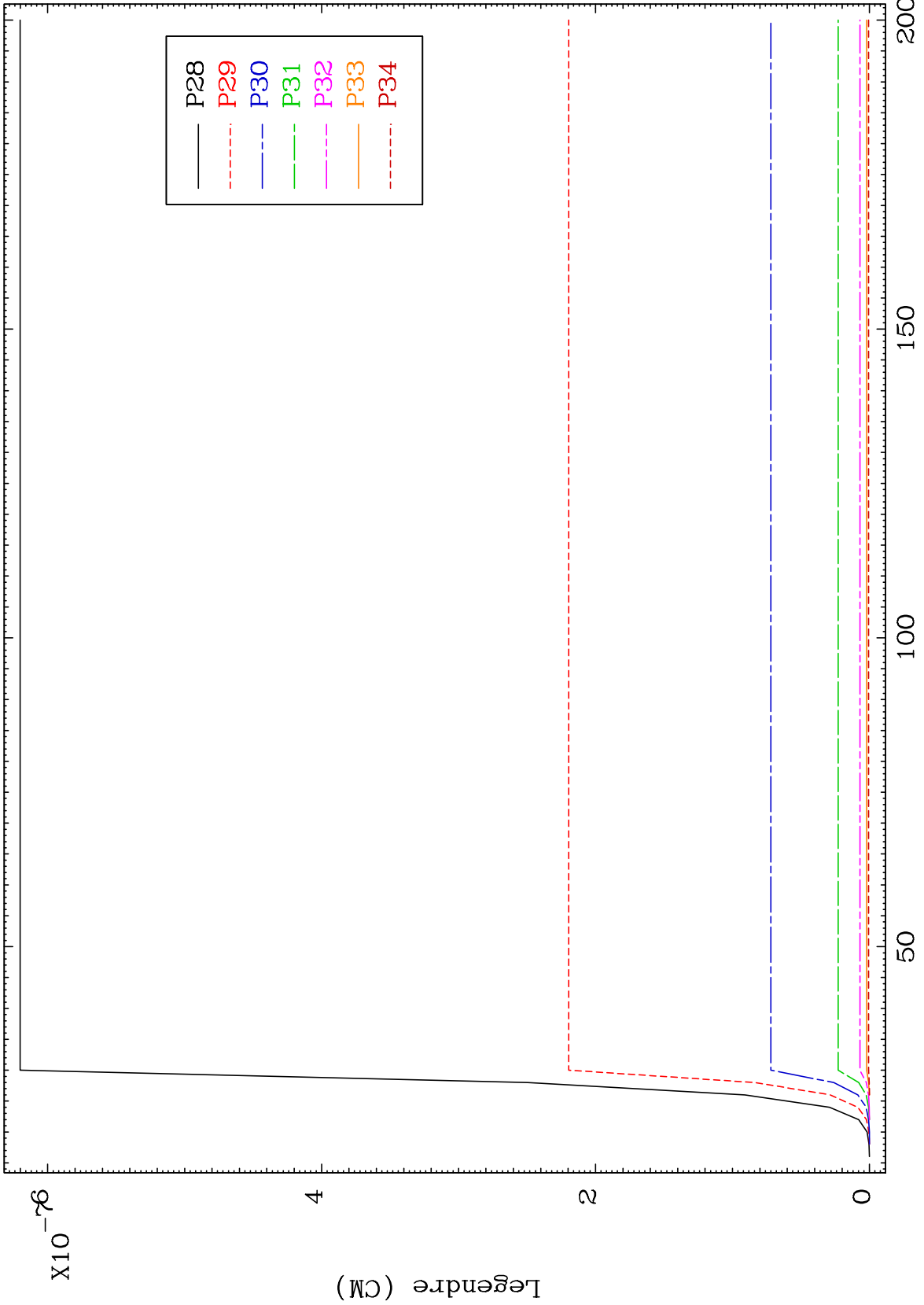
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



55

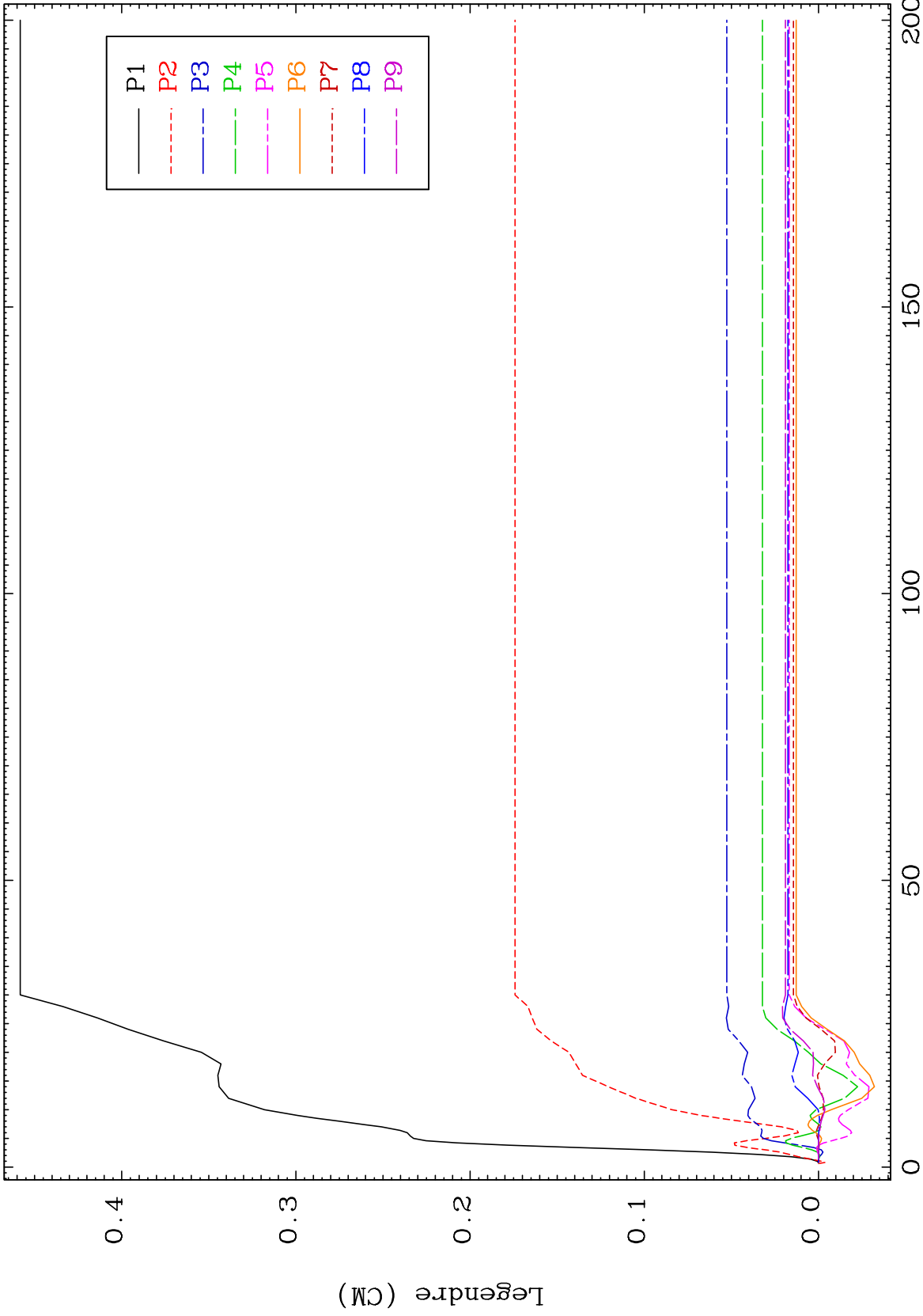
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



56

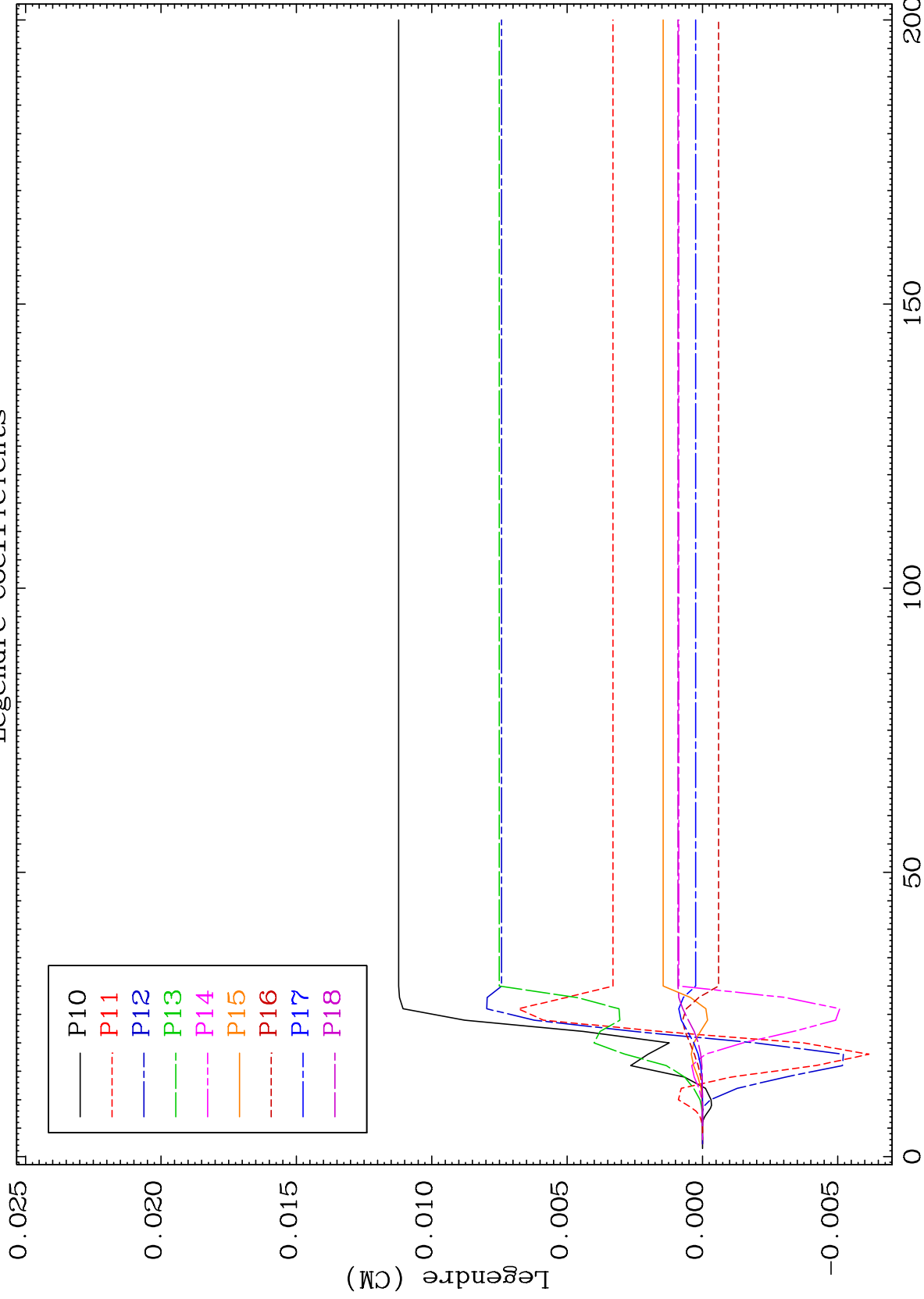
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



57

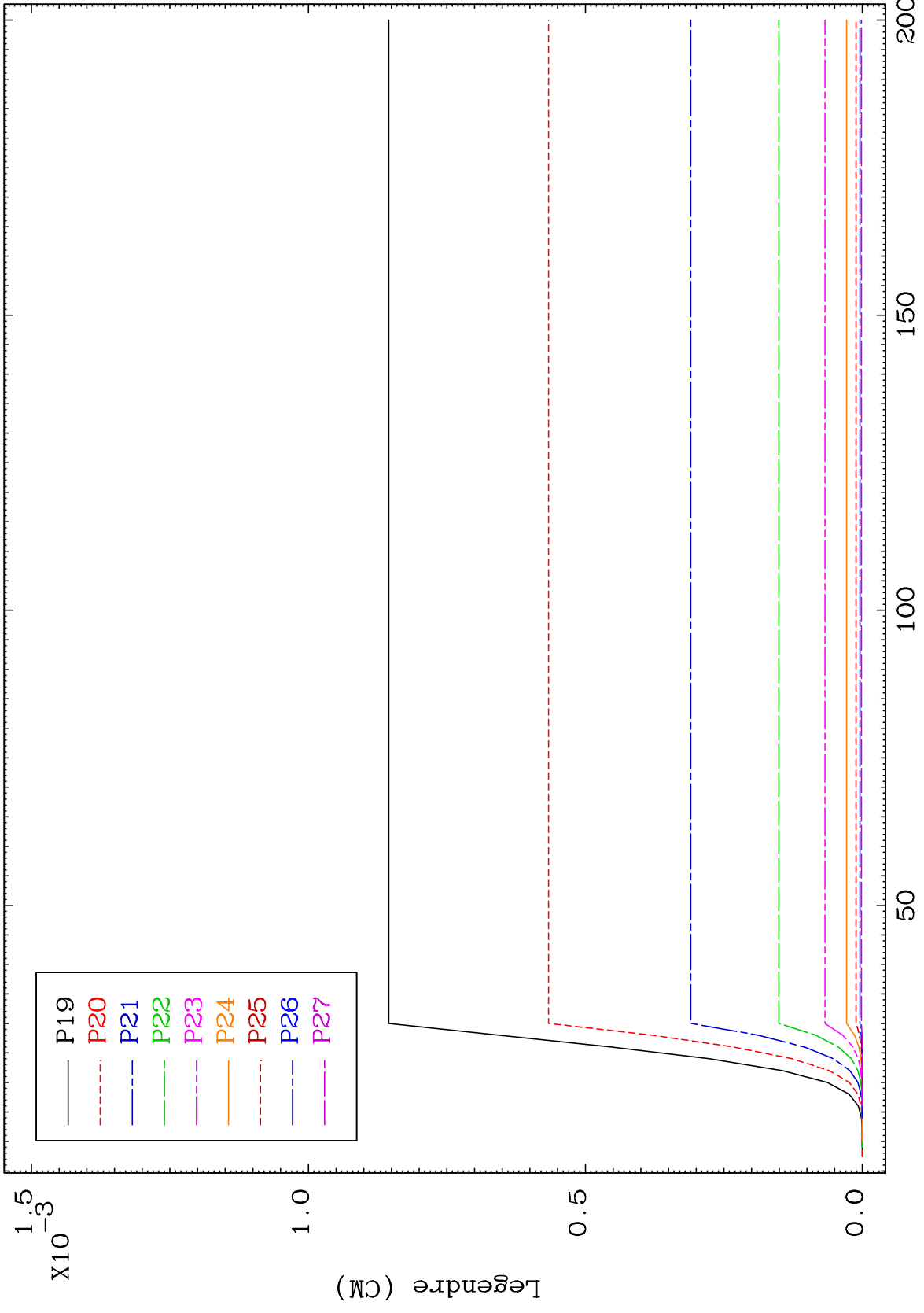
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



58

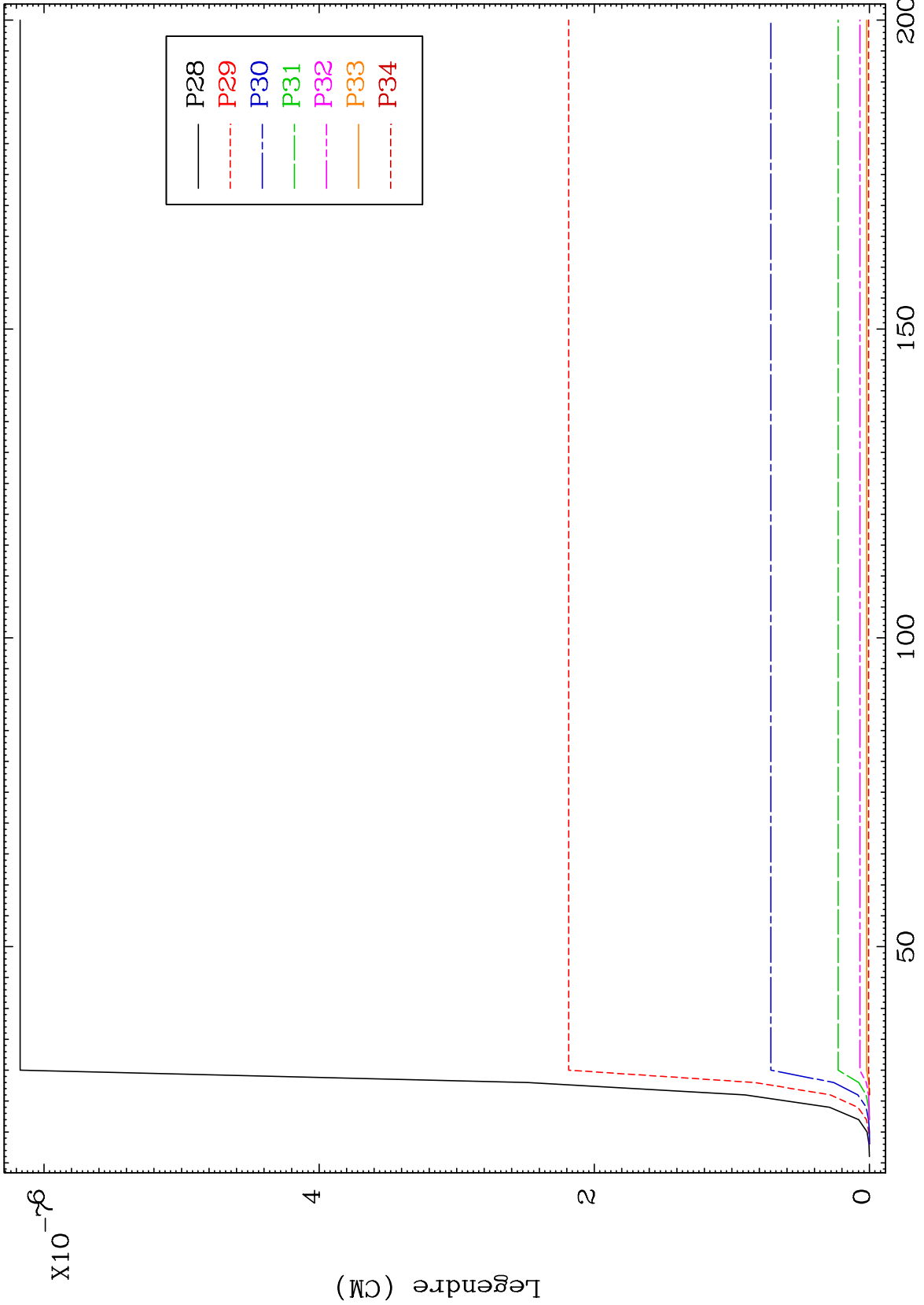
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



59

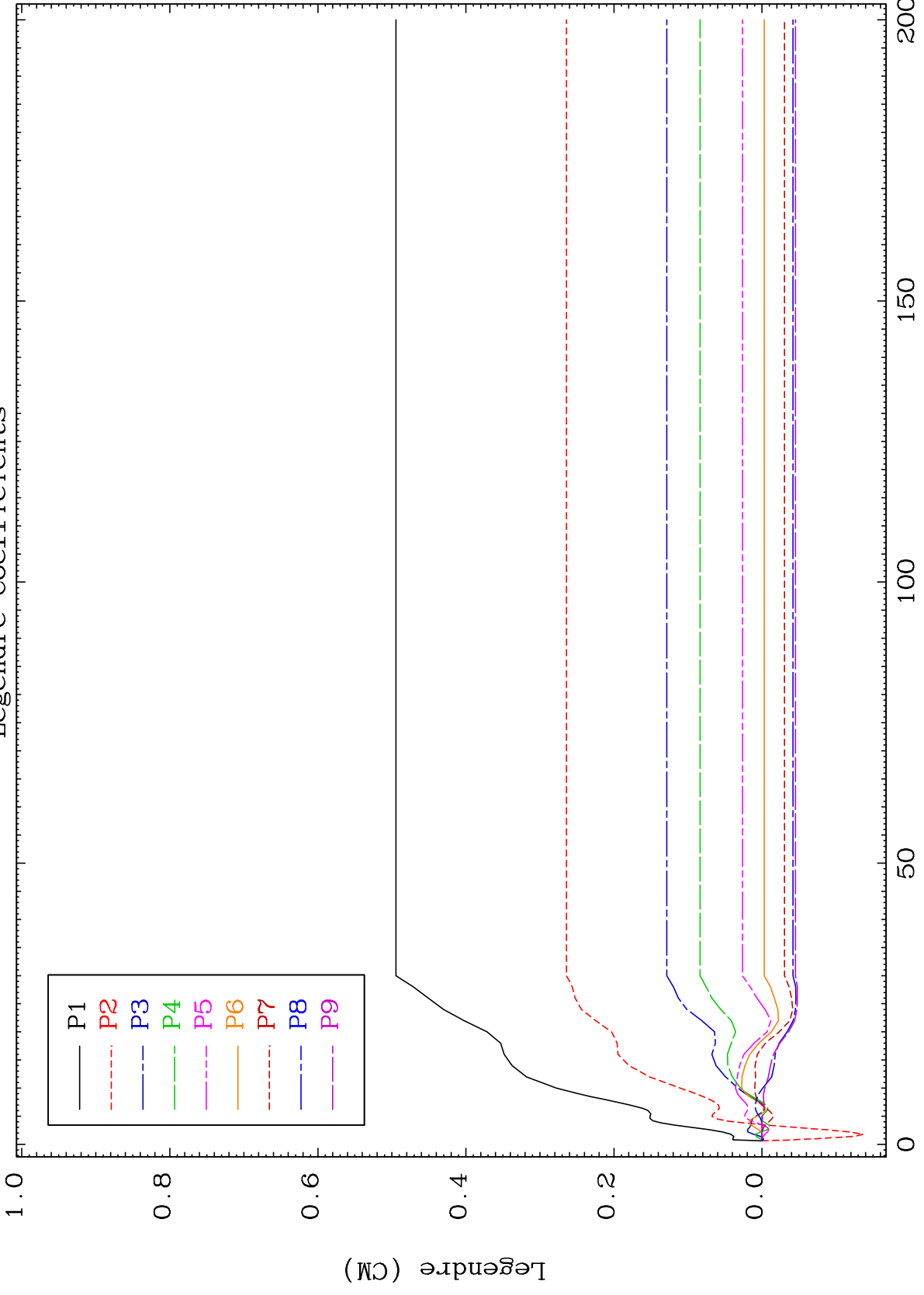
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

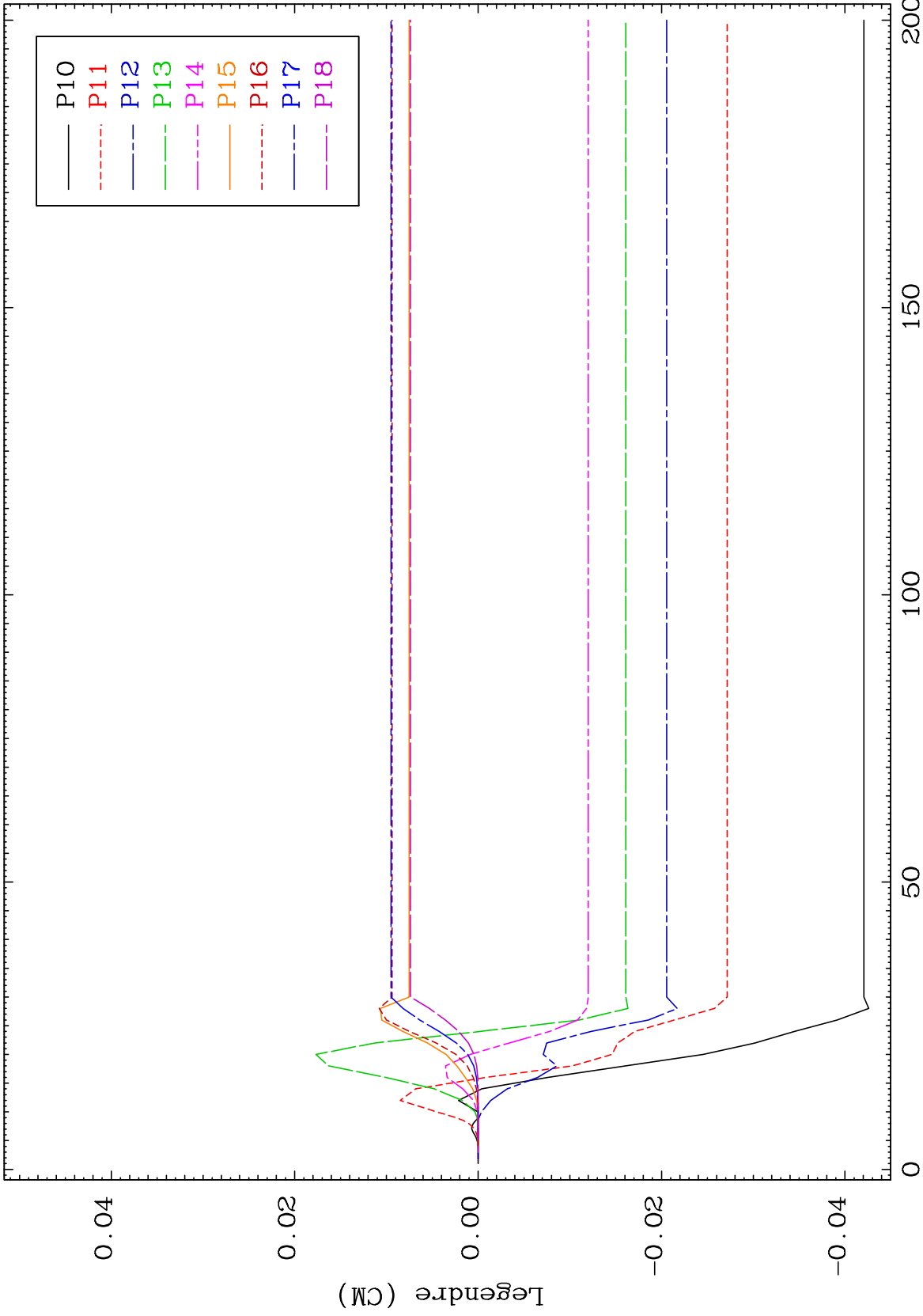
Incident Energy (MeV)

60

MAT 4149

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

41-Nb-101



61

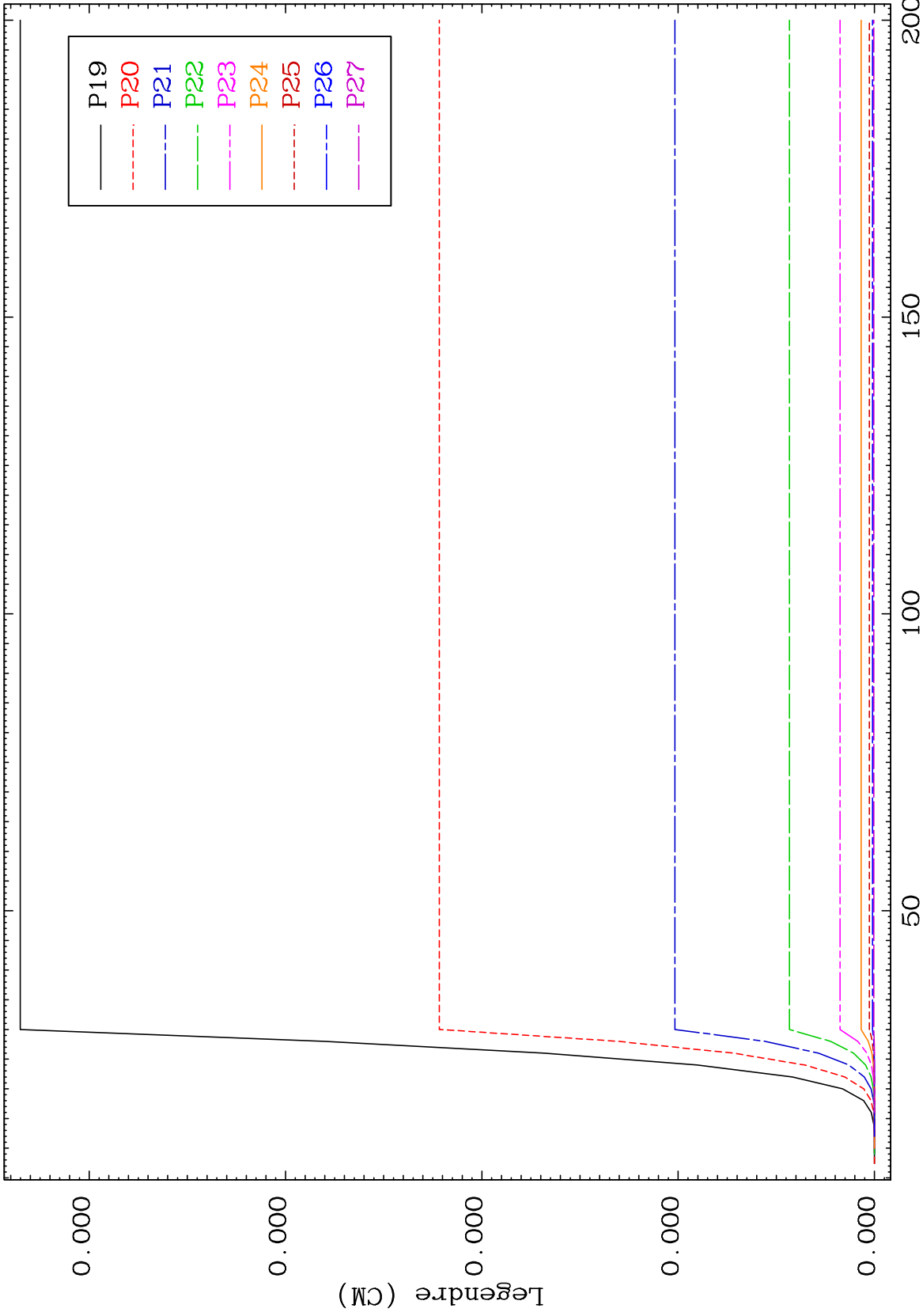
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



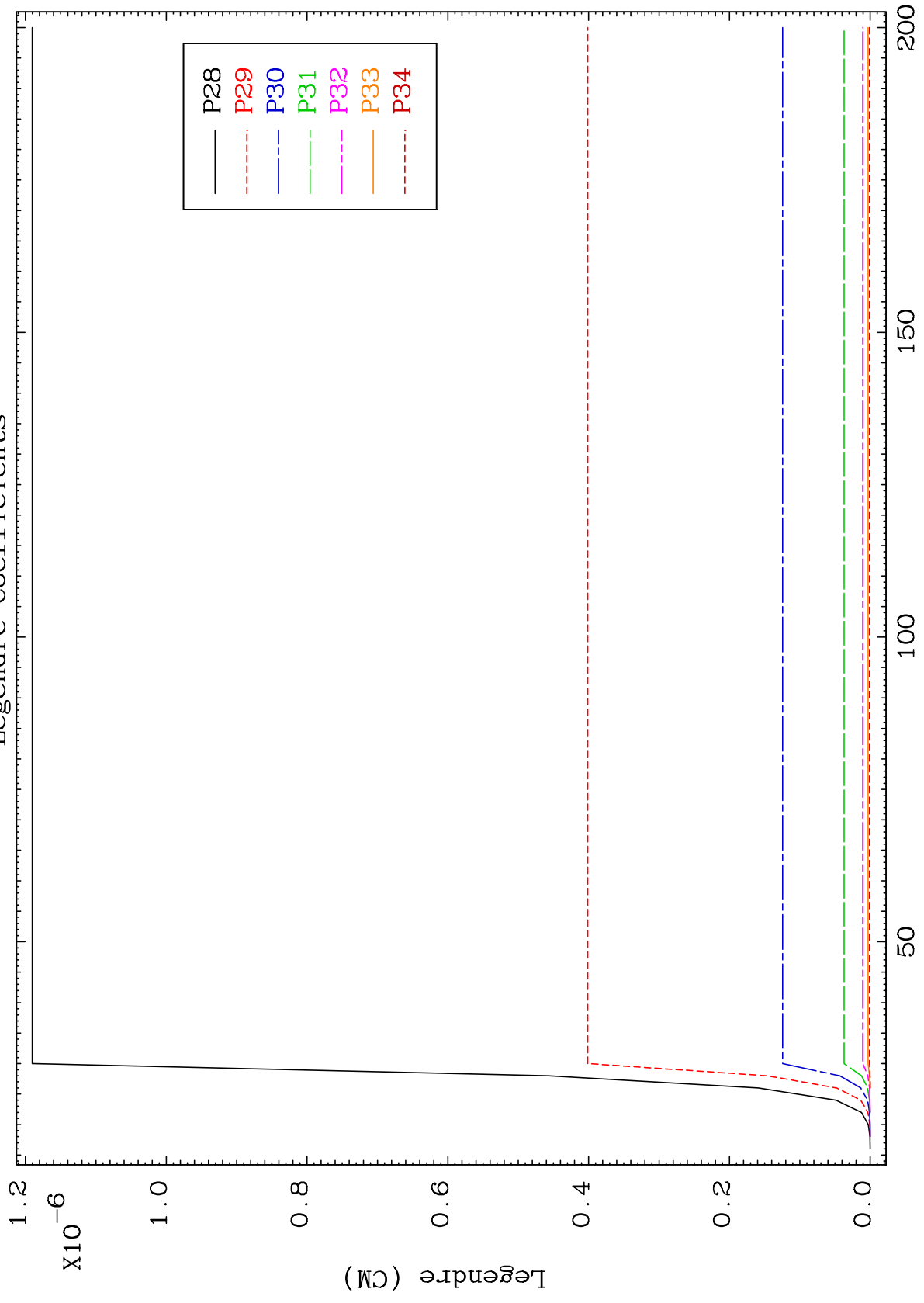
62

41-Nb-101

MAT 4149

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

41-Nb-101



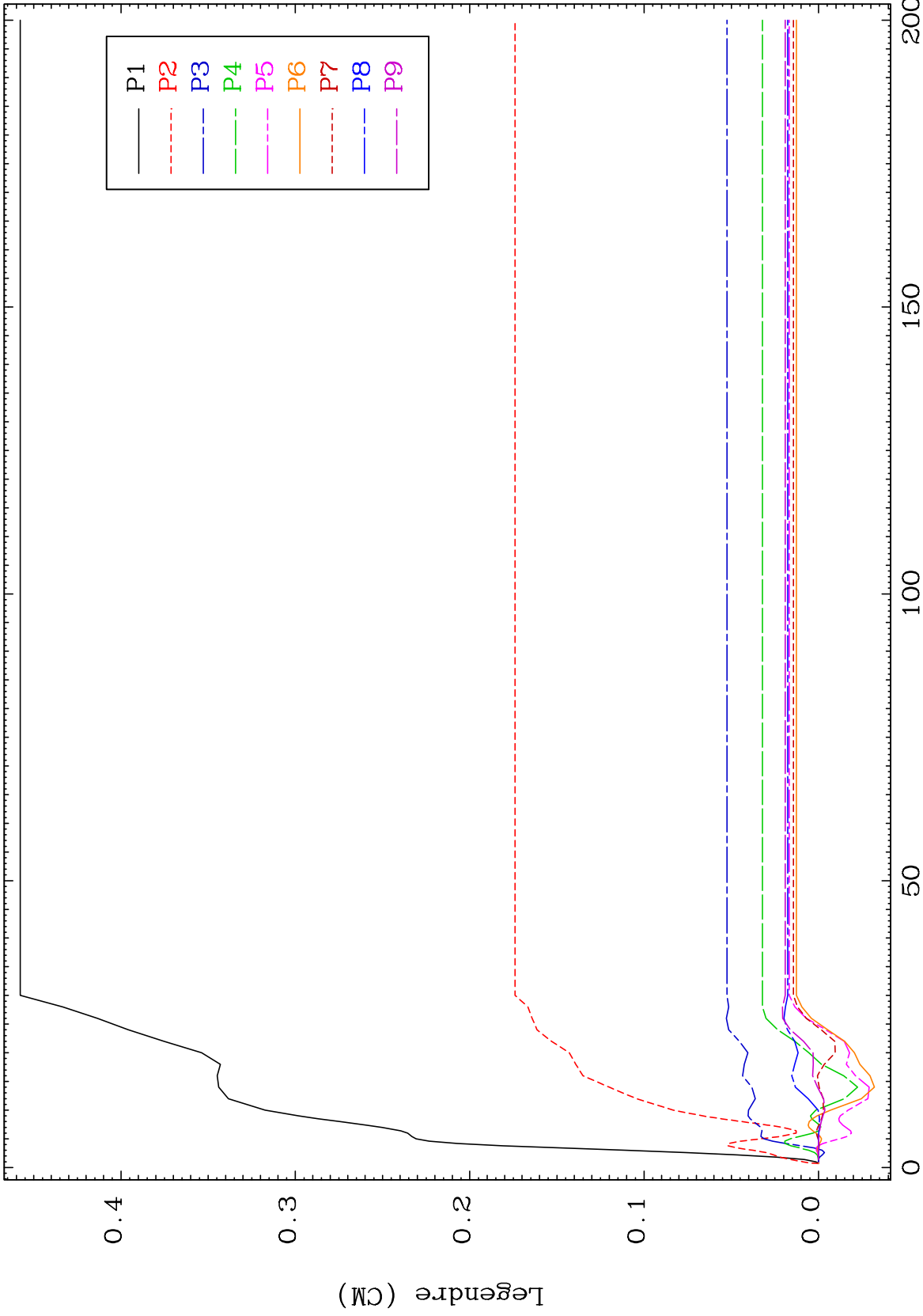
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41-Nb-101

MAT 4149

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

41-Nb-101



64

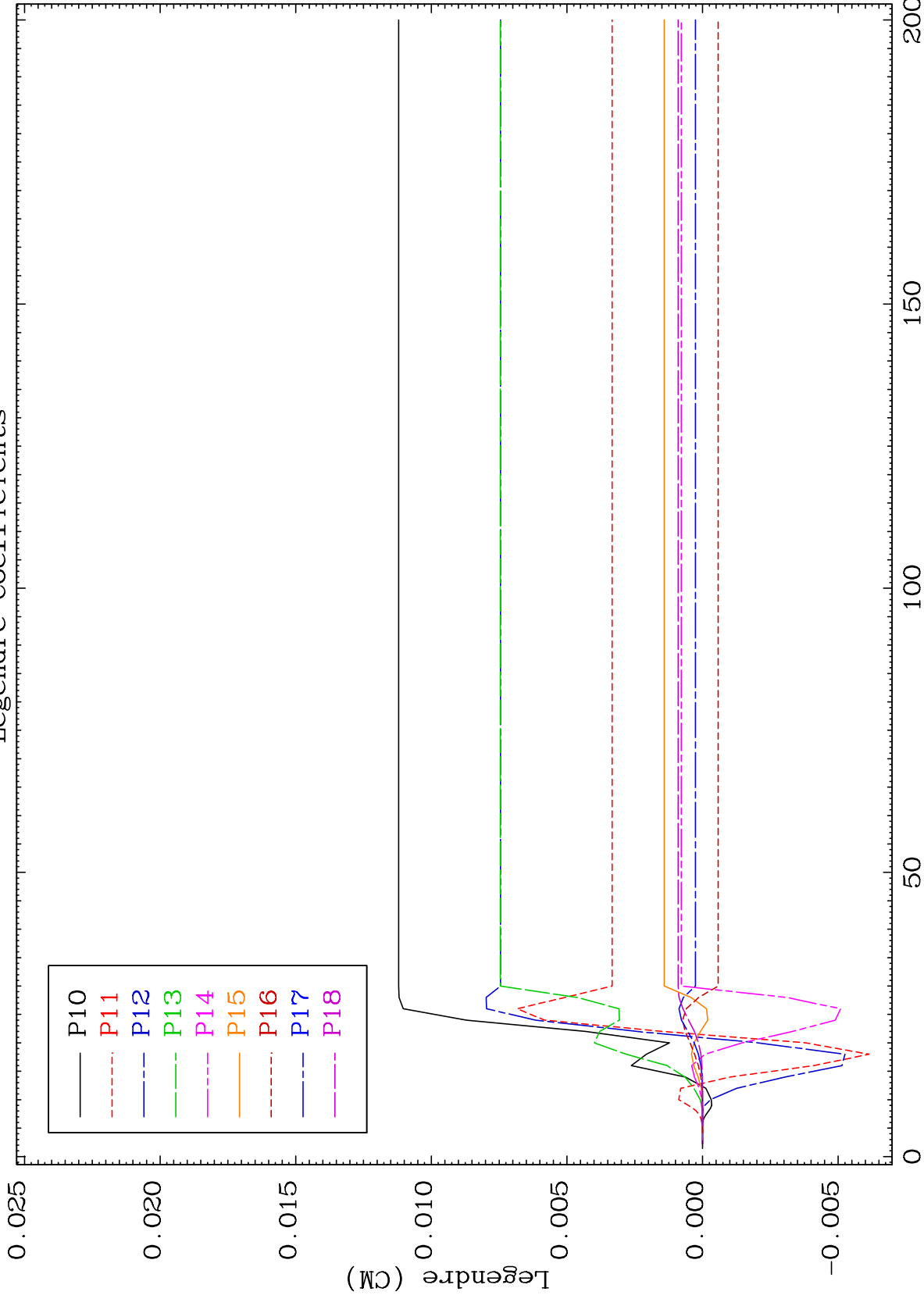
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



65

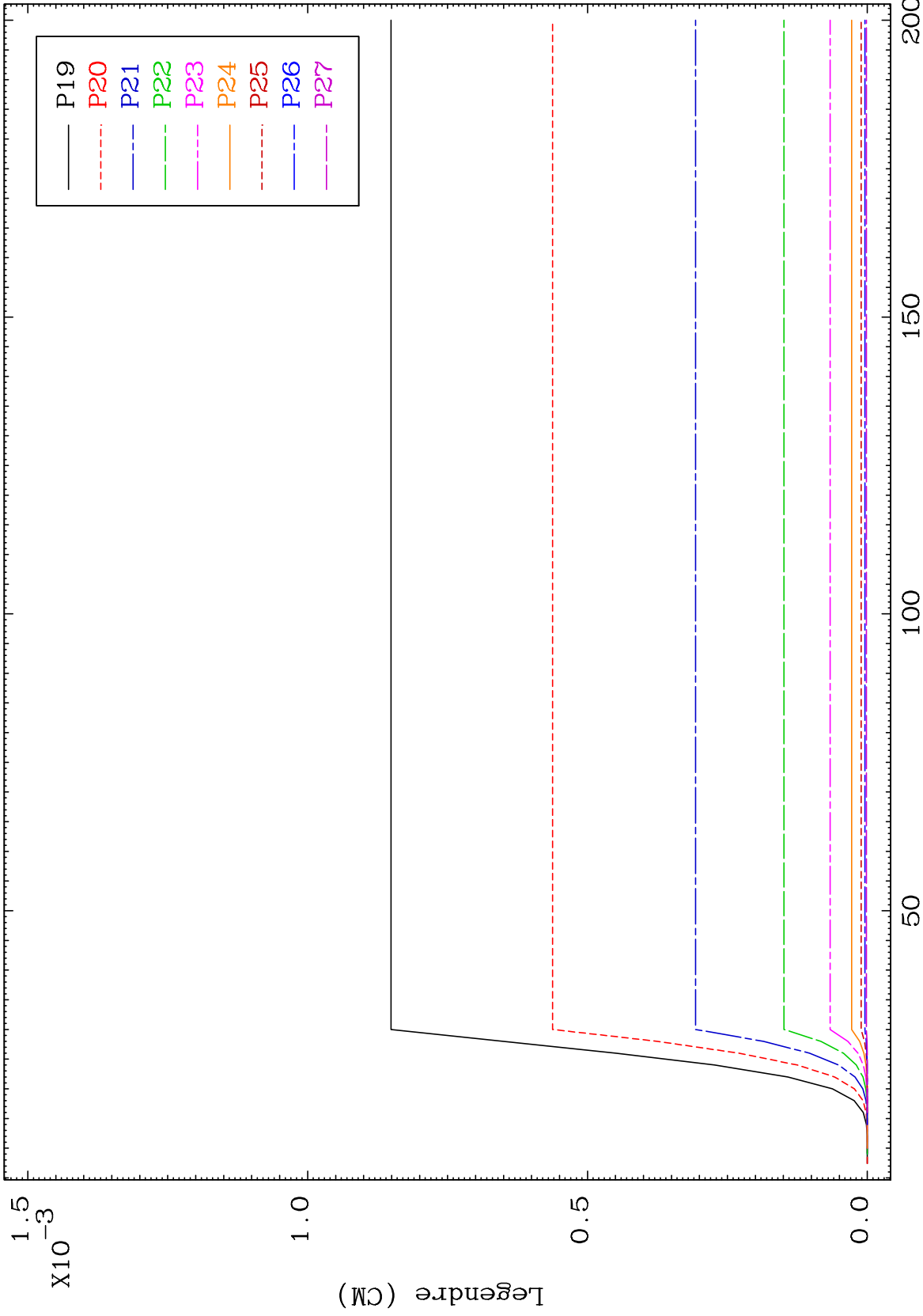
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



66

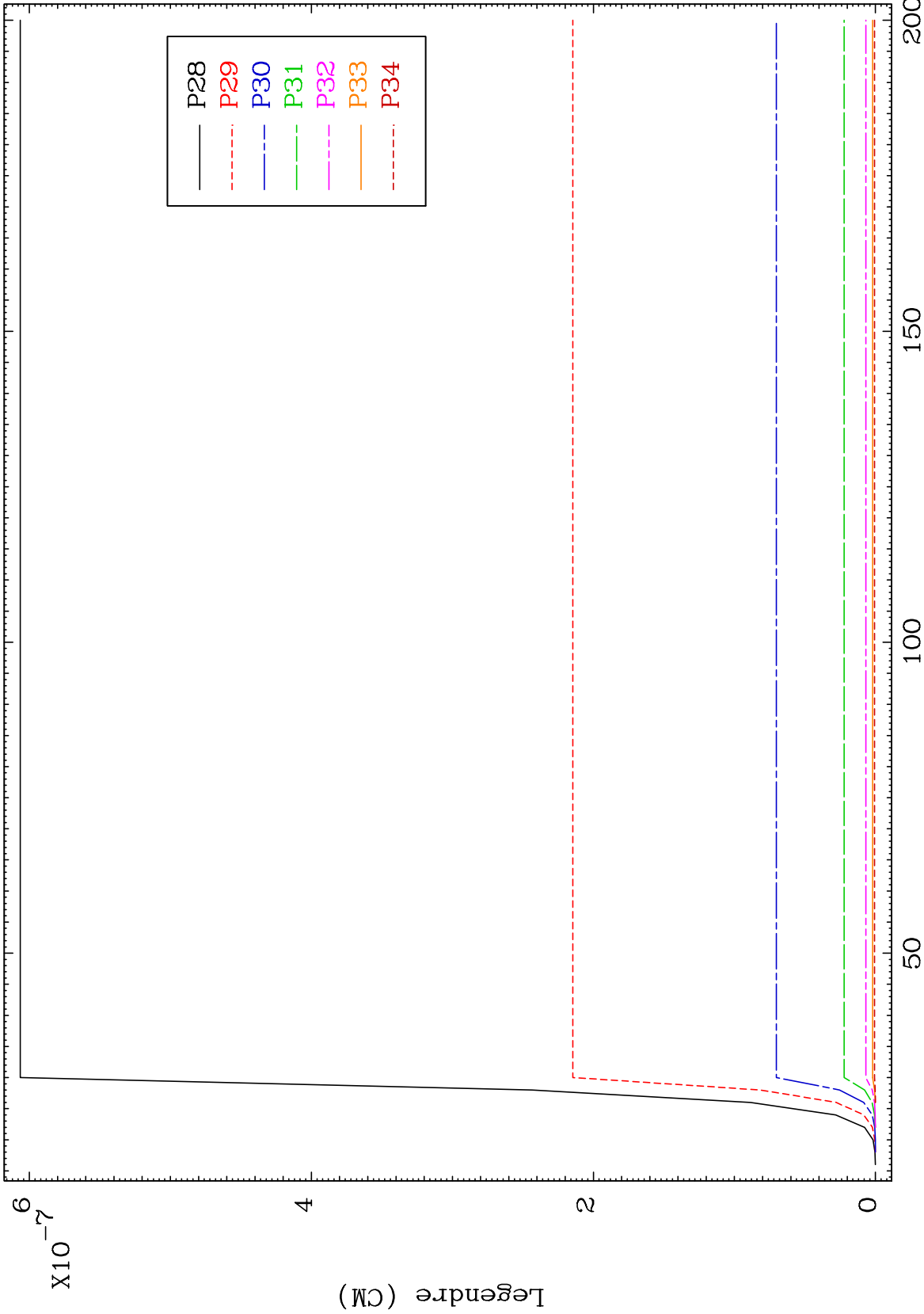
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



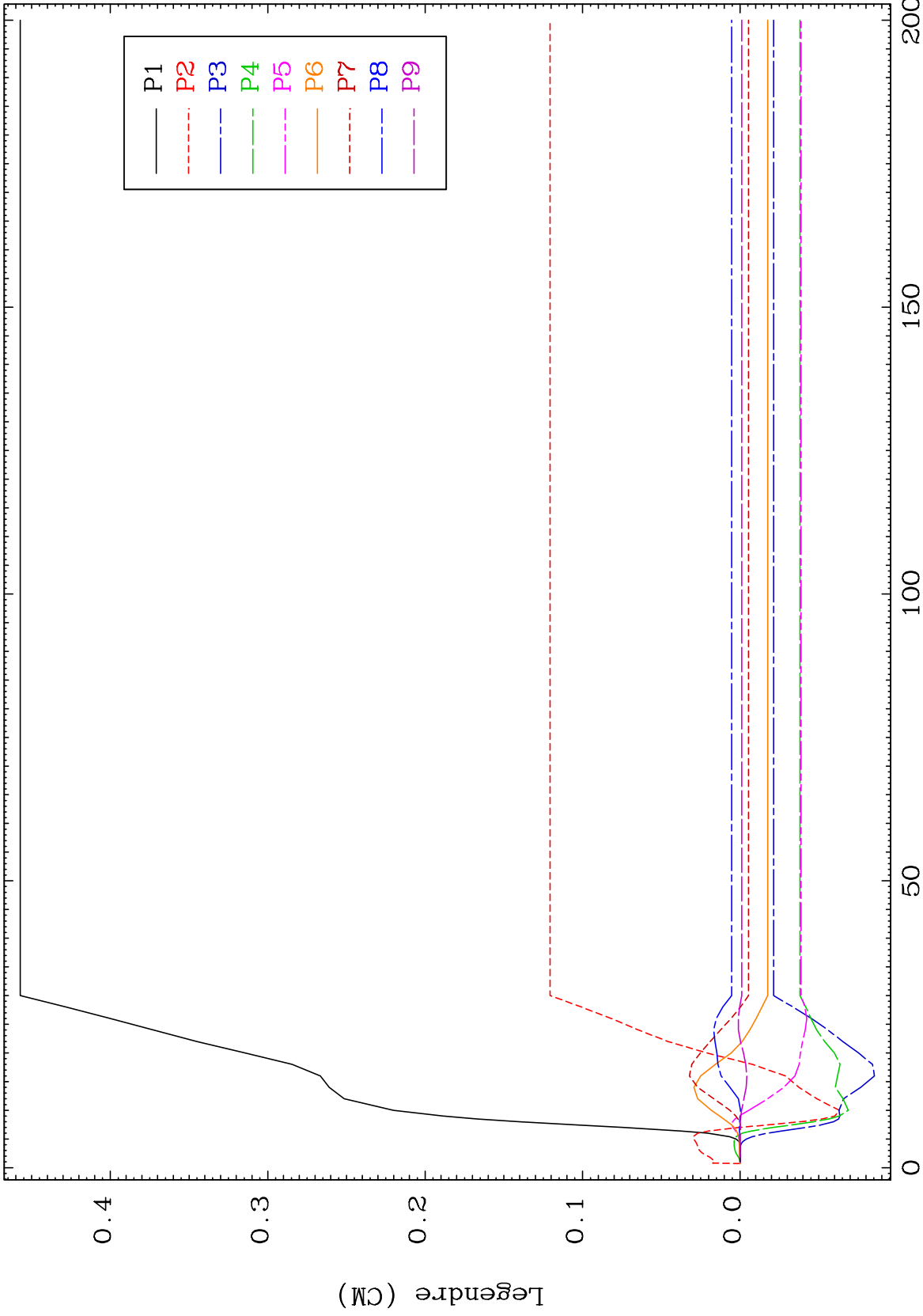
67

41-Nb-101

MAT 4149

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

41-Nb-101



68

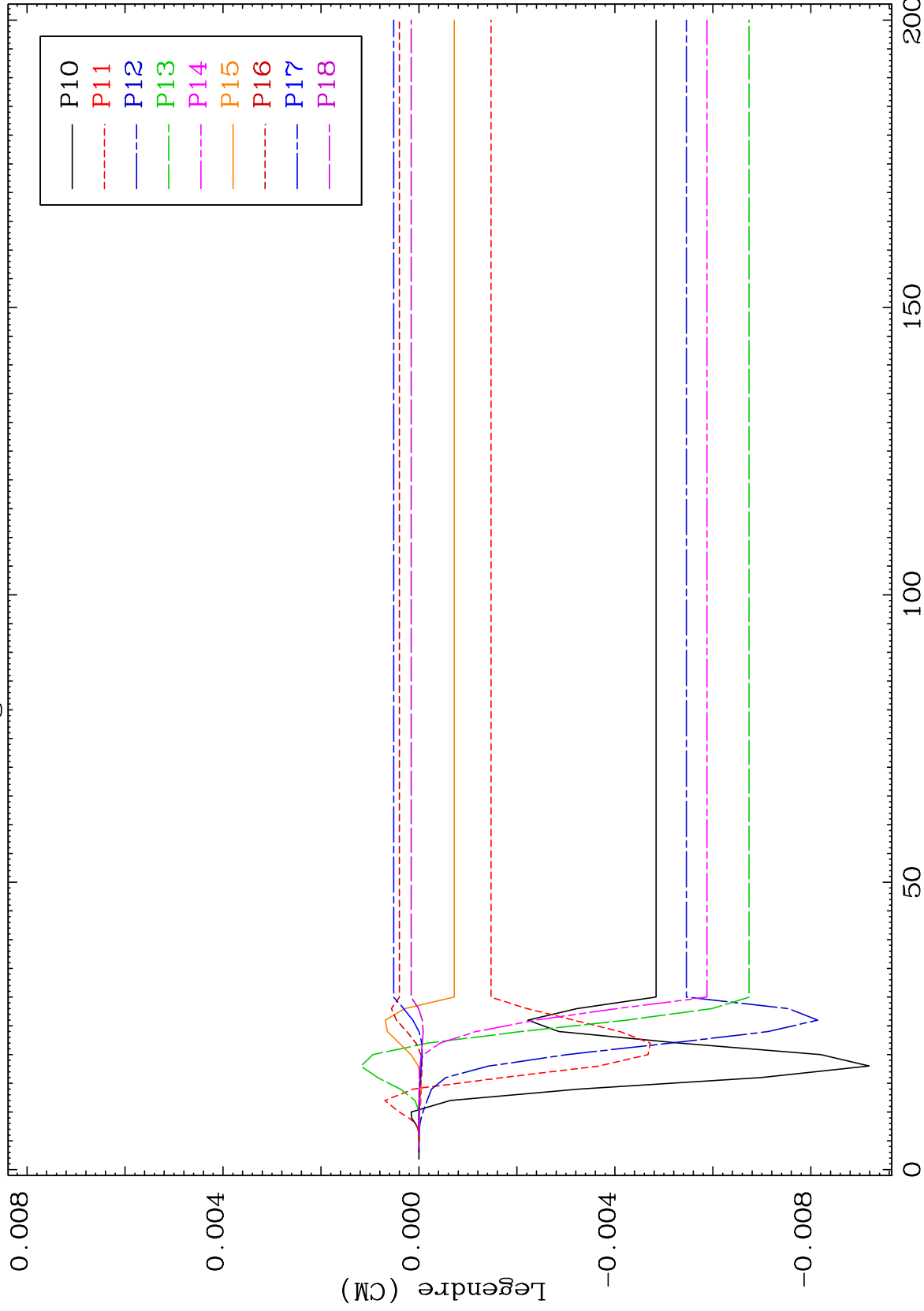
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



69

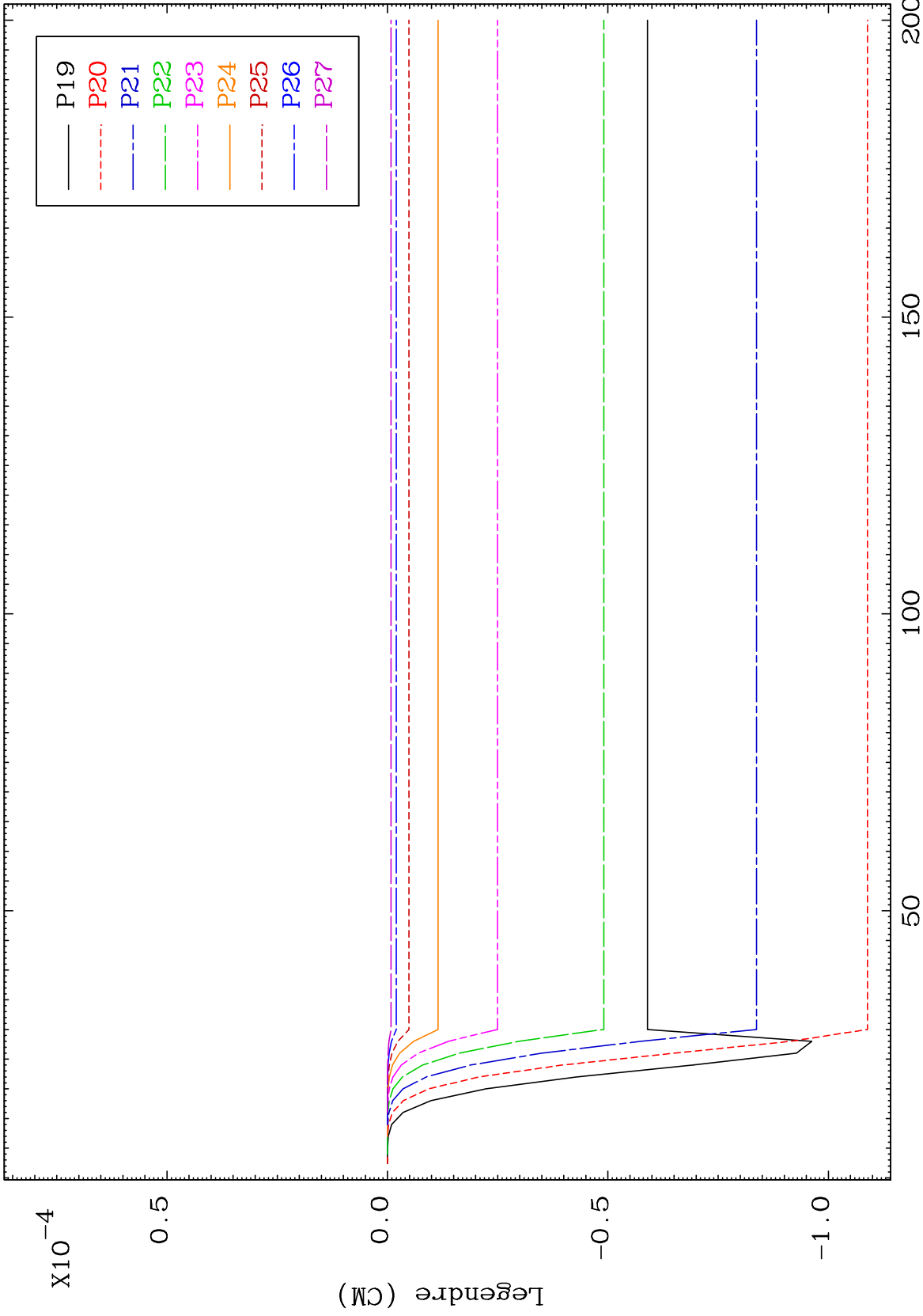
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

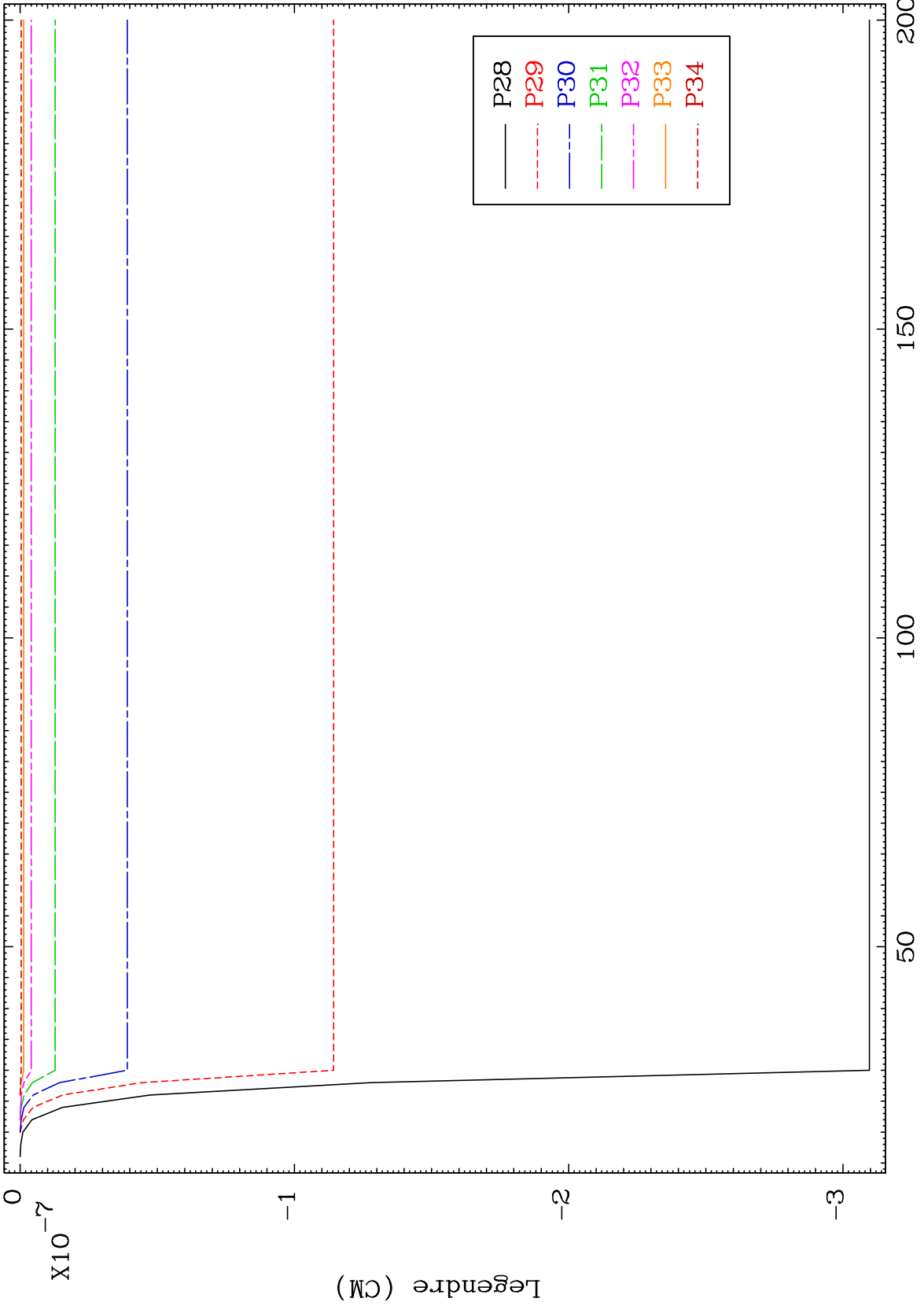


70

Incident Energy (MeV)

41-Nb-101

MAT 4149 MT= 63 (n,n') Level Legendre Coefficients 41-Nb-101

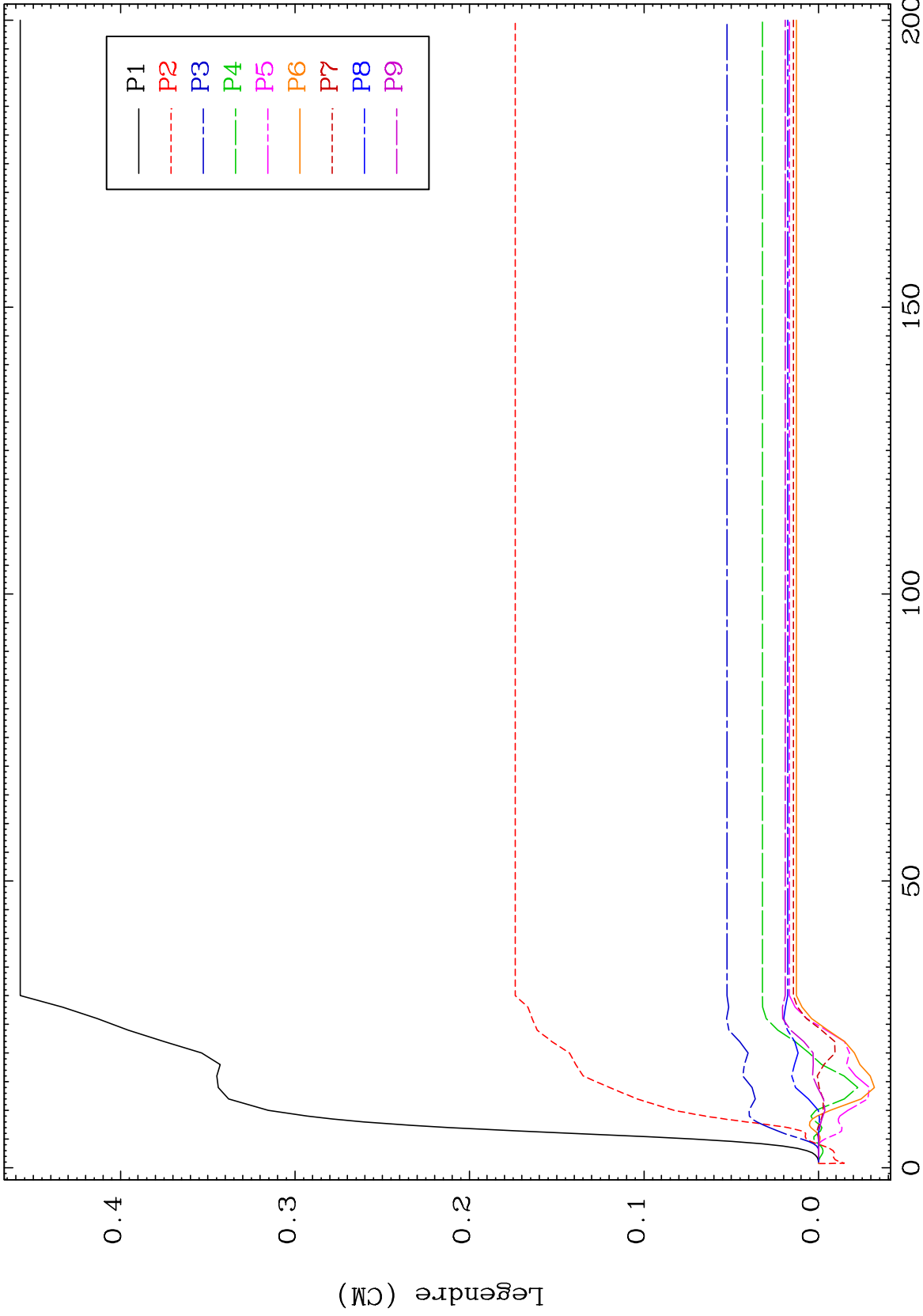


71 41-Nb-101

MAT 4149

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

41-Nb-101



72

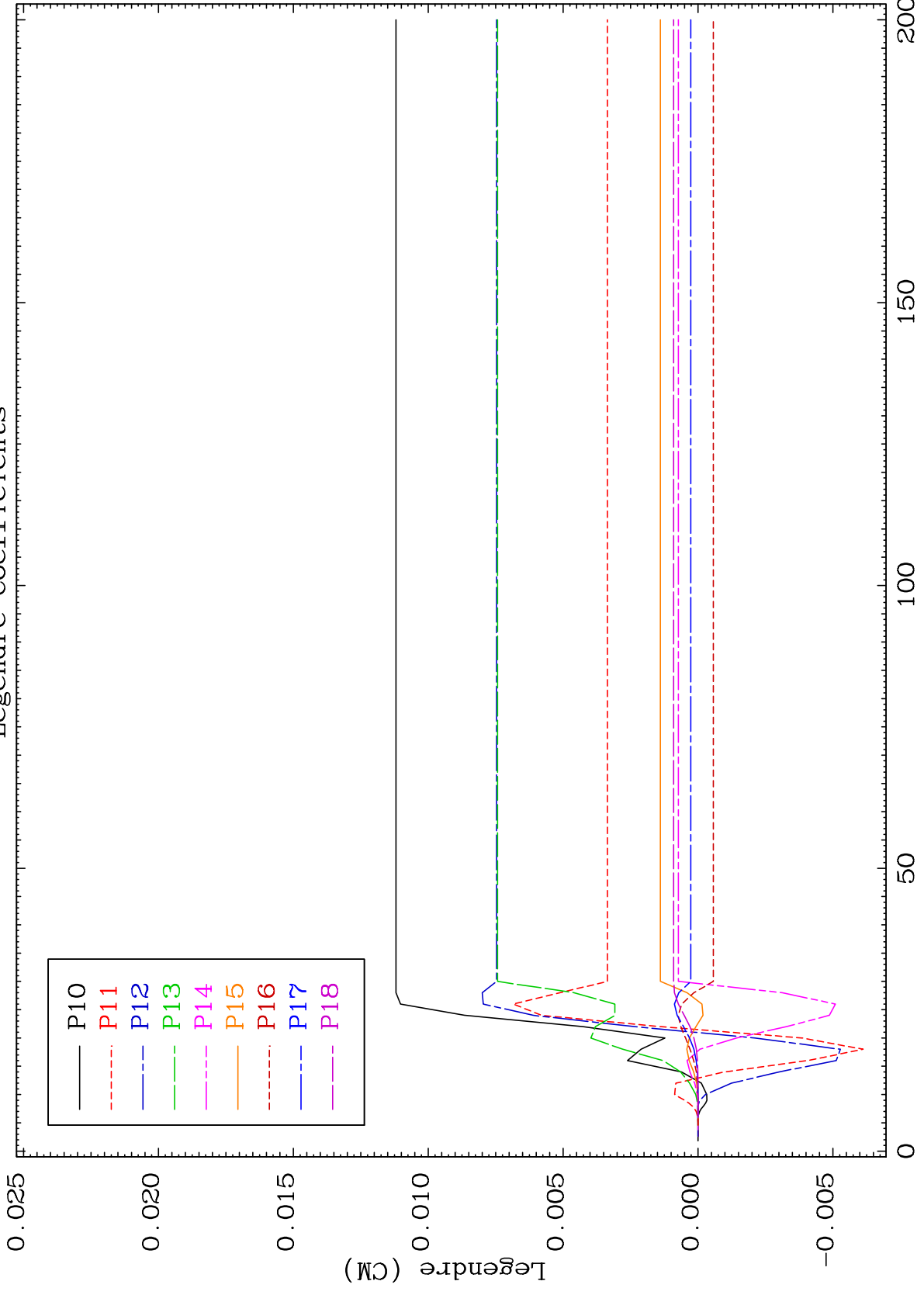
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



73

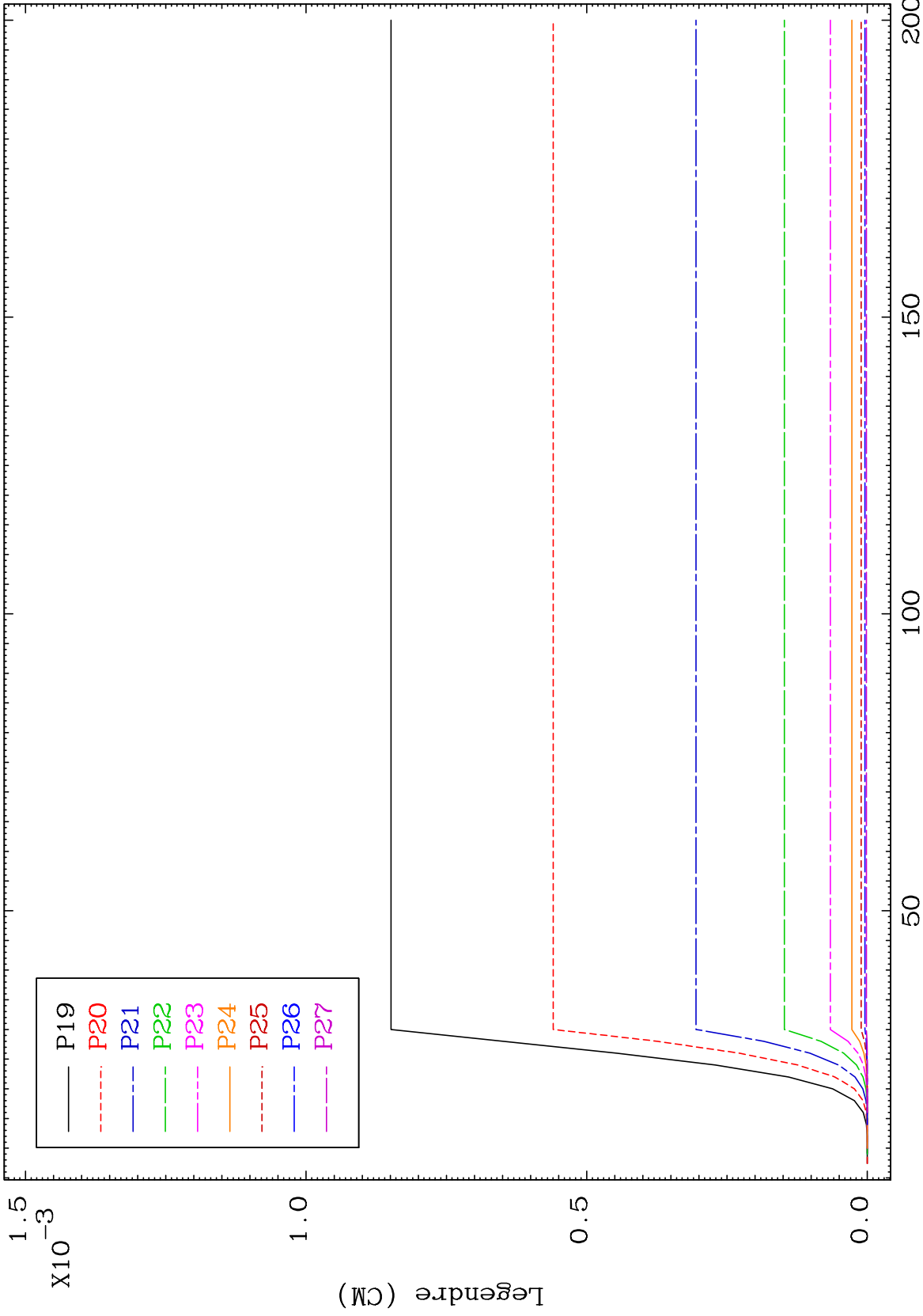
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



74

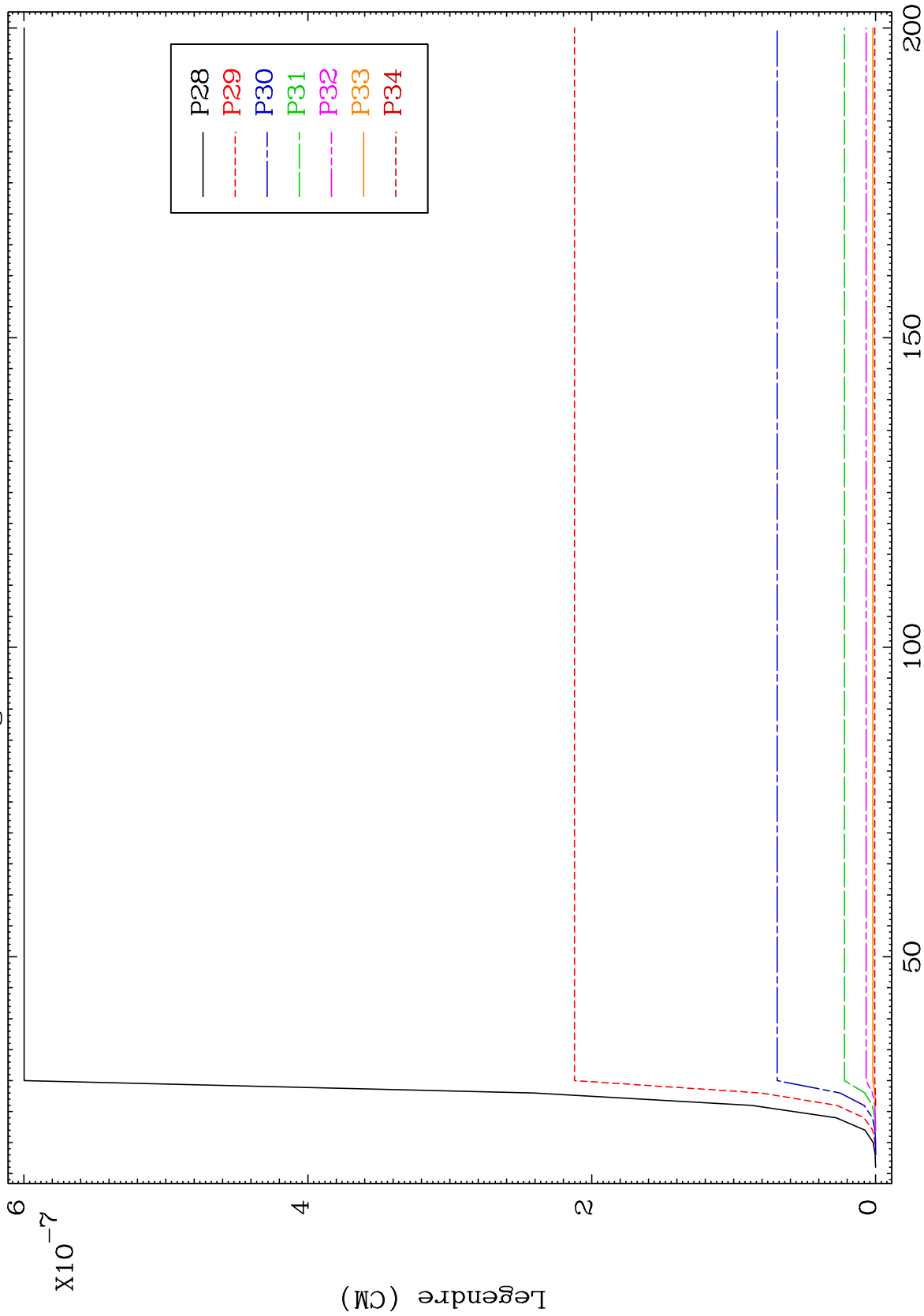
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



75

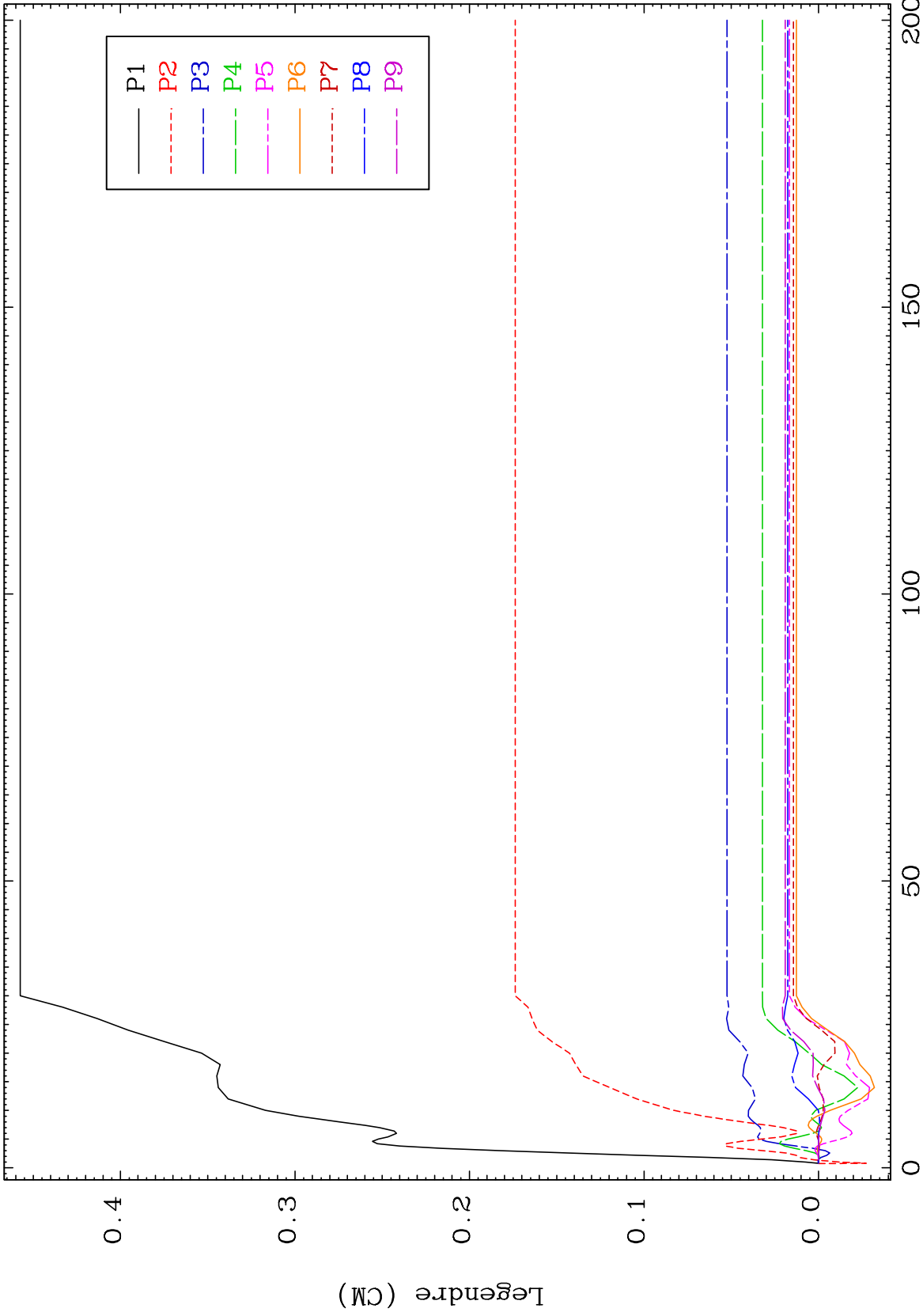
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



76

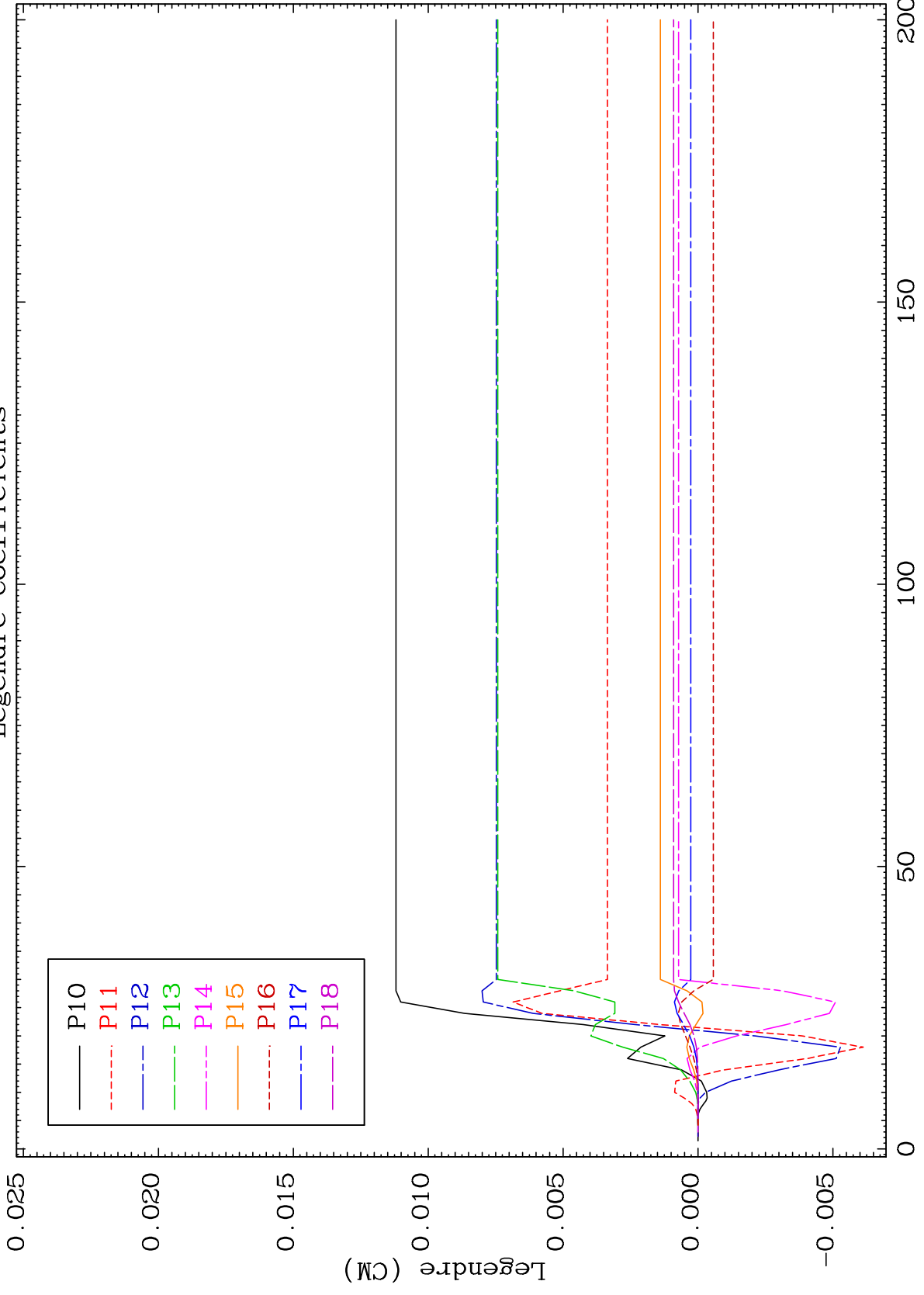
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



77

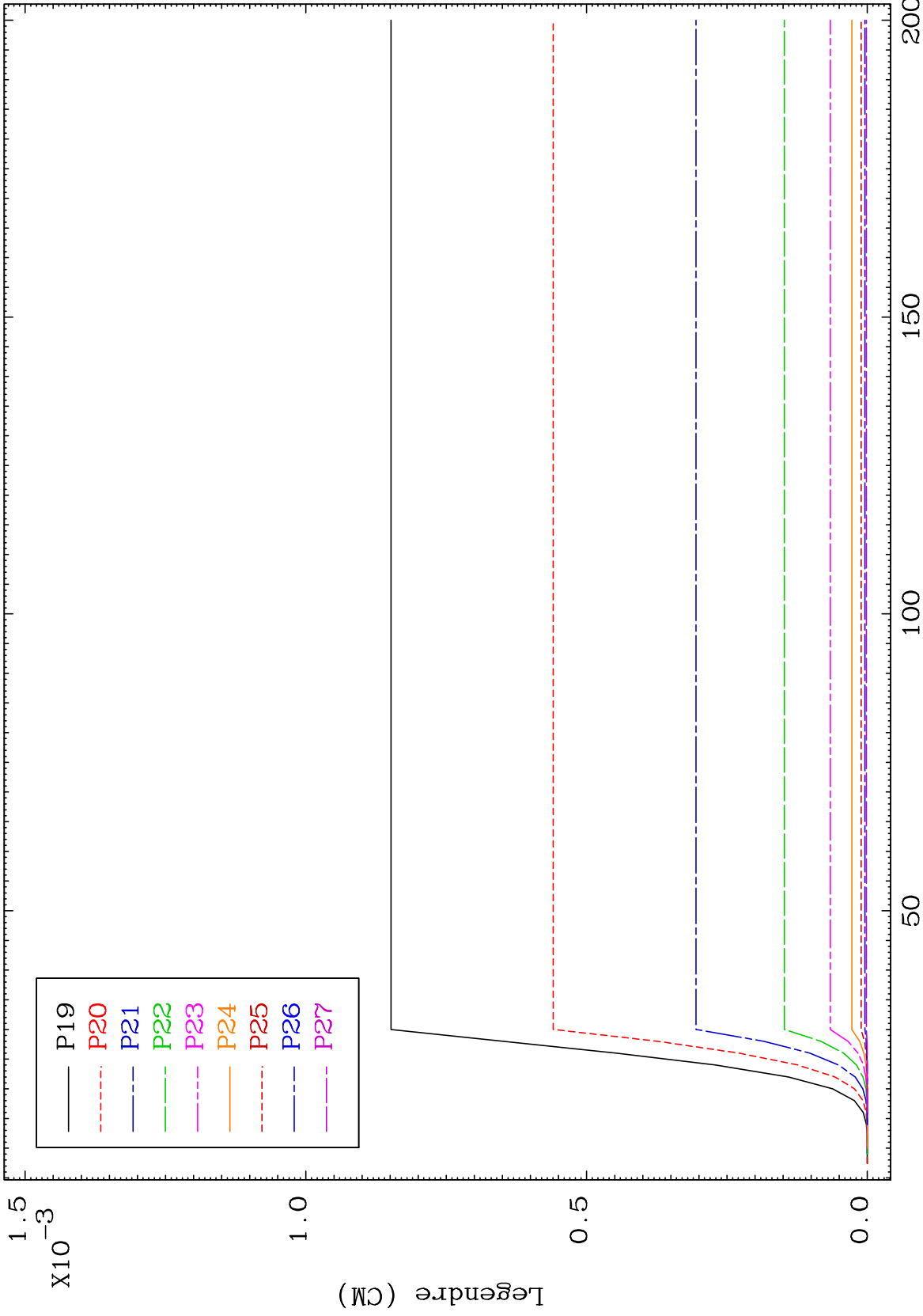
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



78

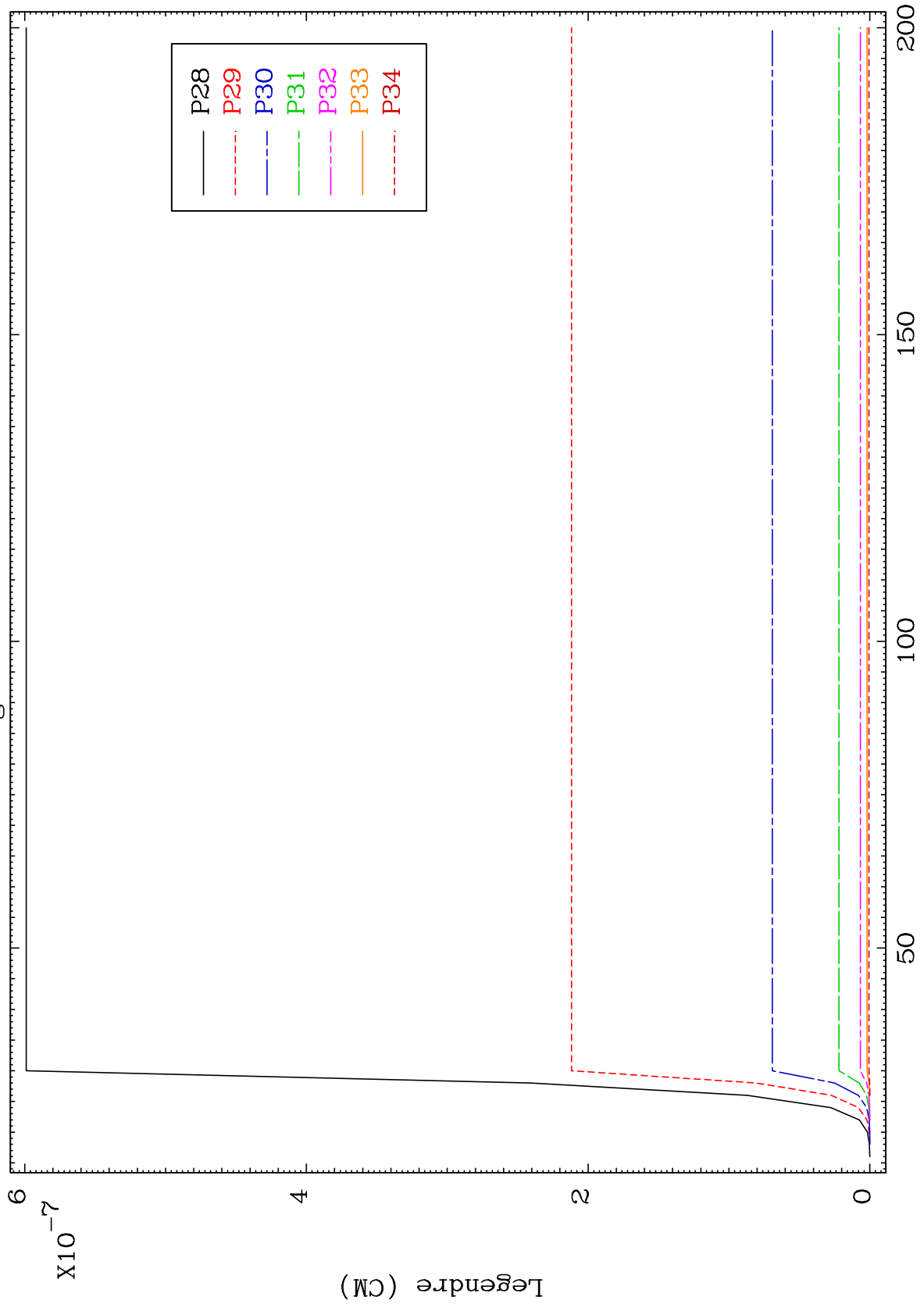
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



79

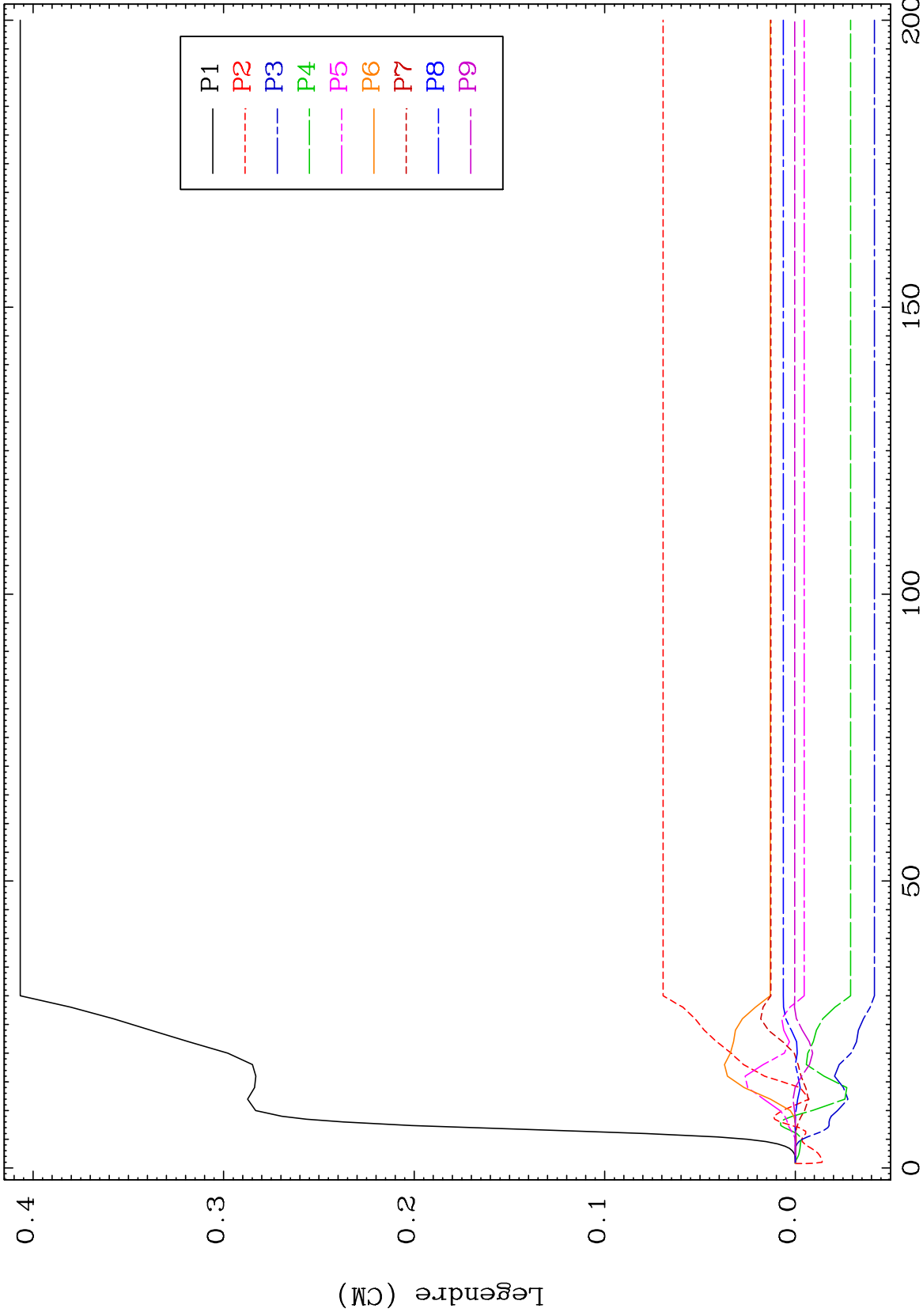
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



80

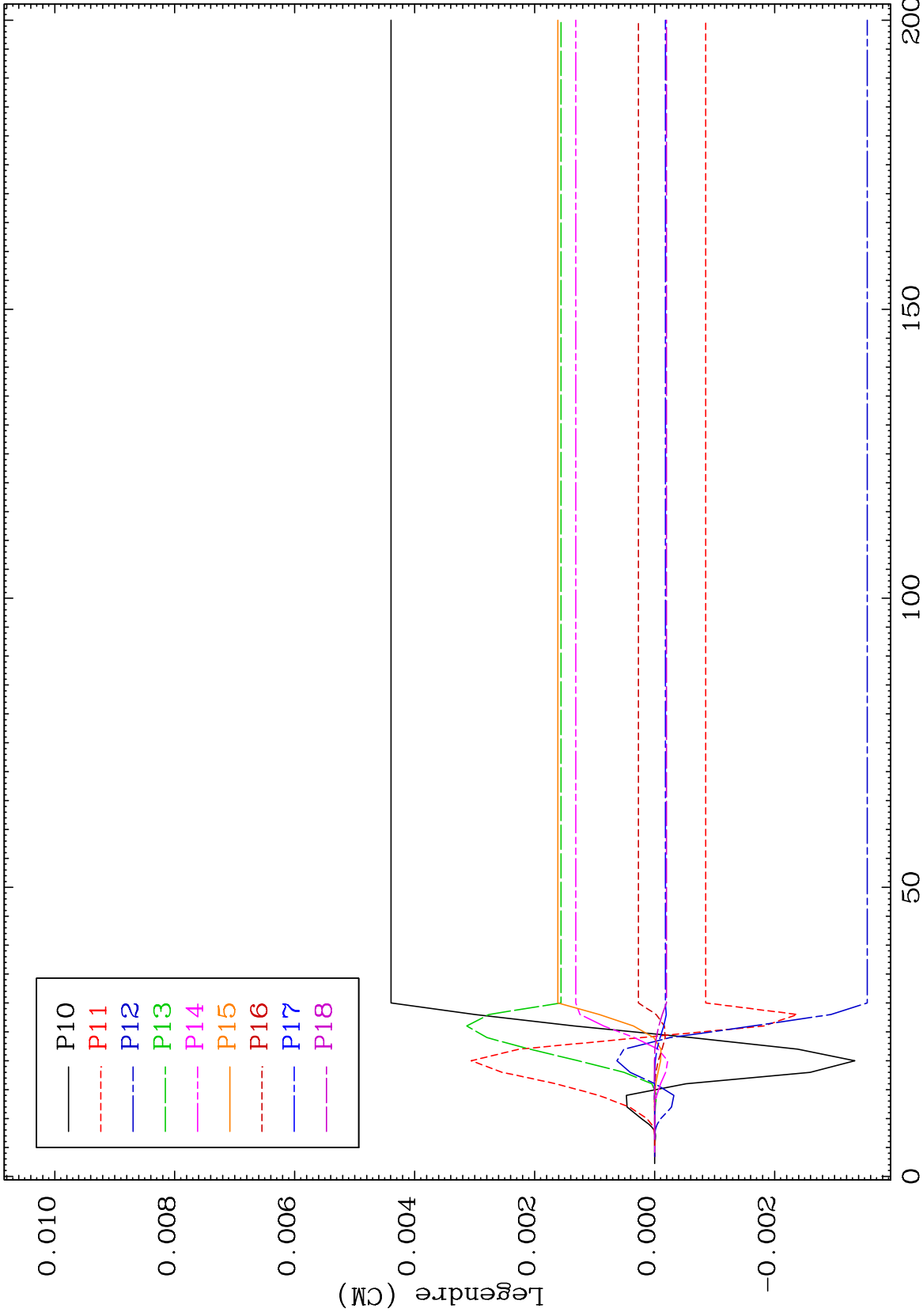
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



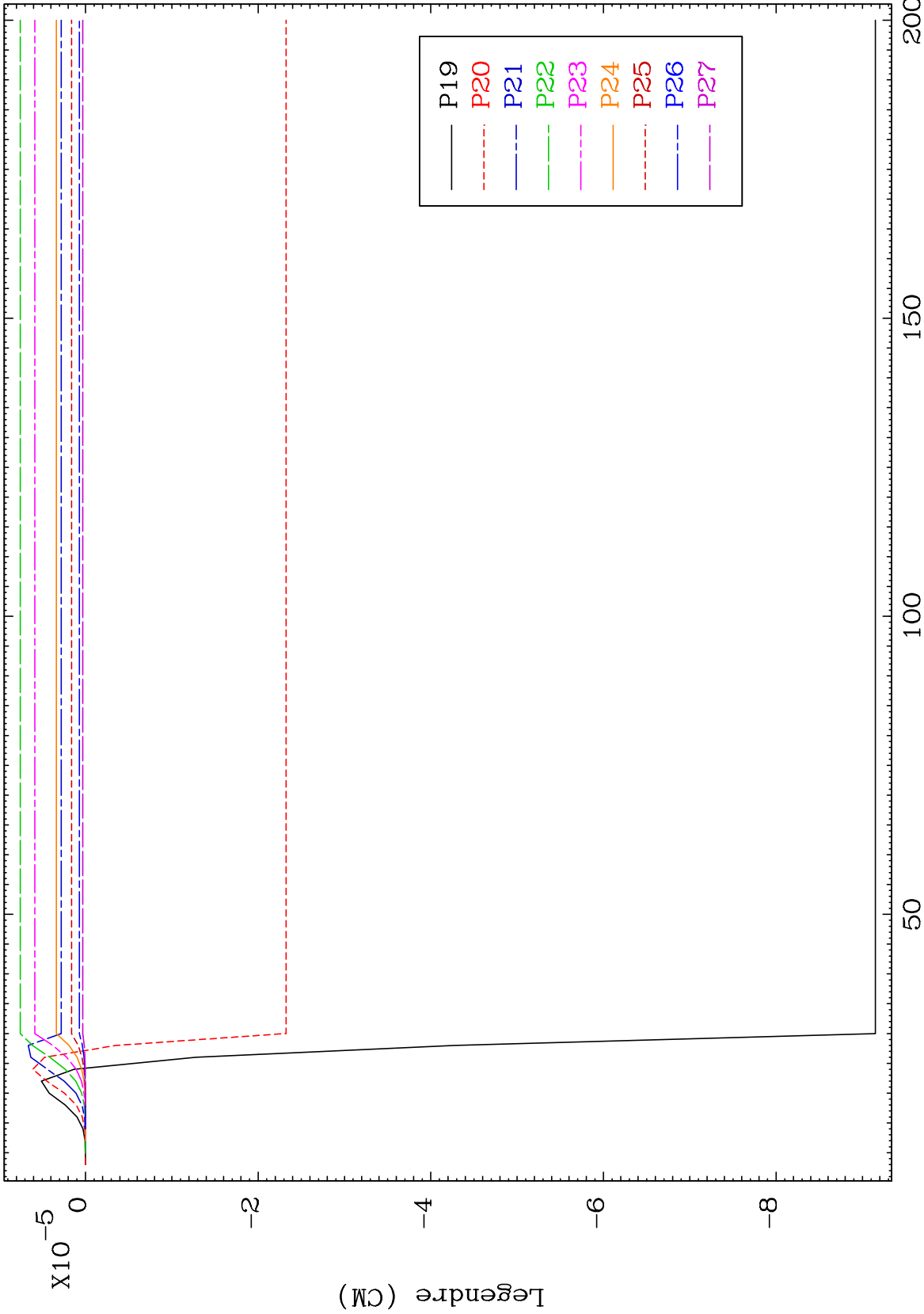
81

41-Nb-101

MAT 4149

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

41-Nb-101



82

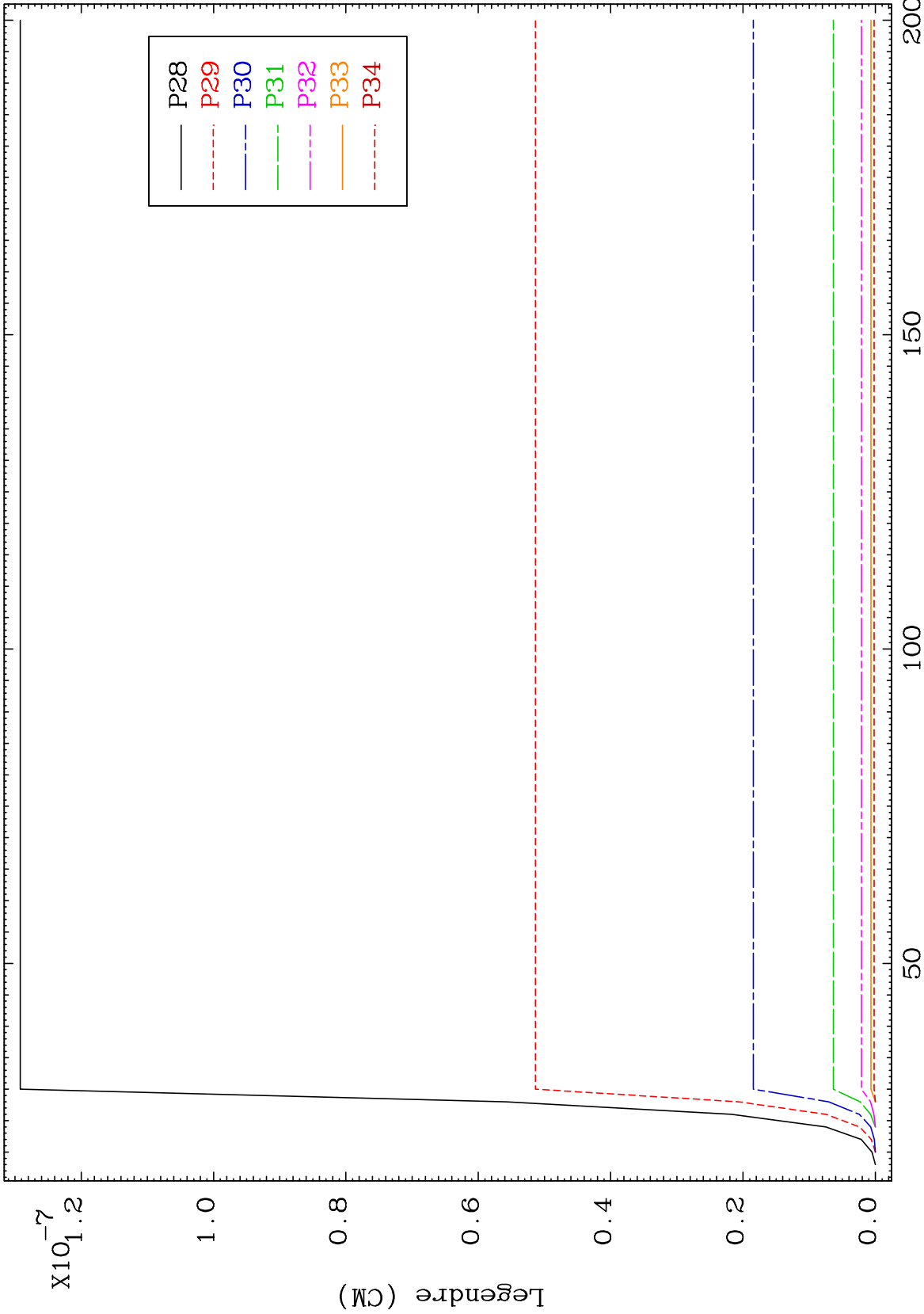
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



83

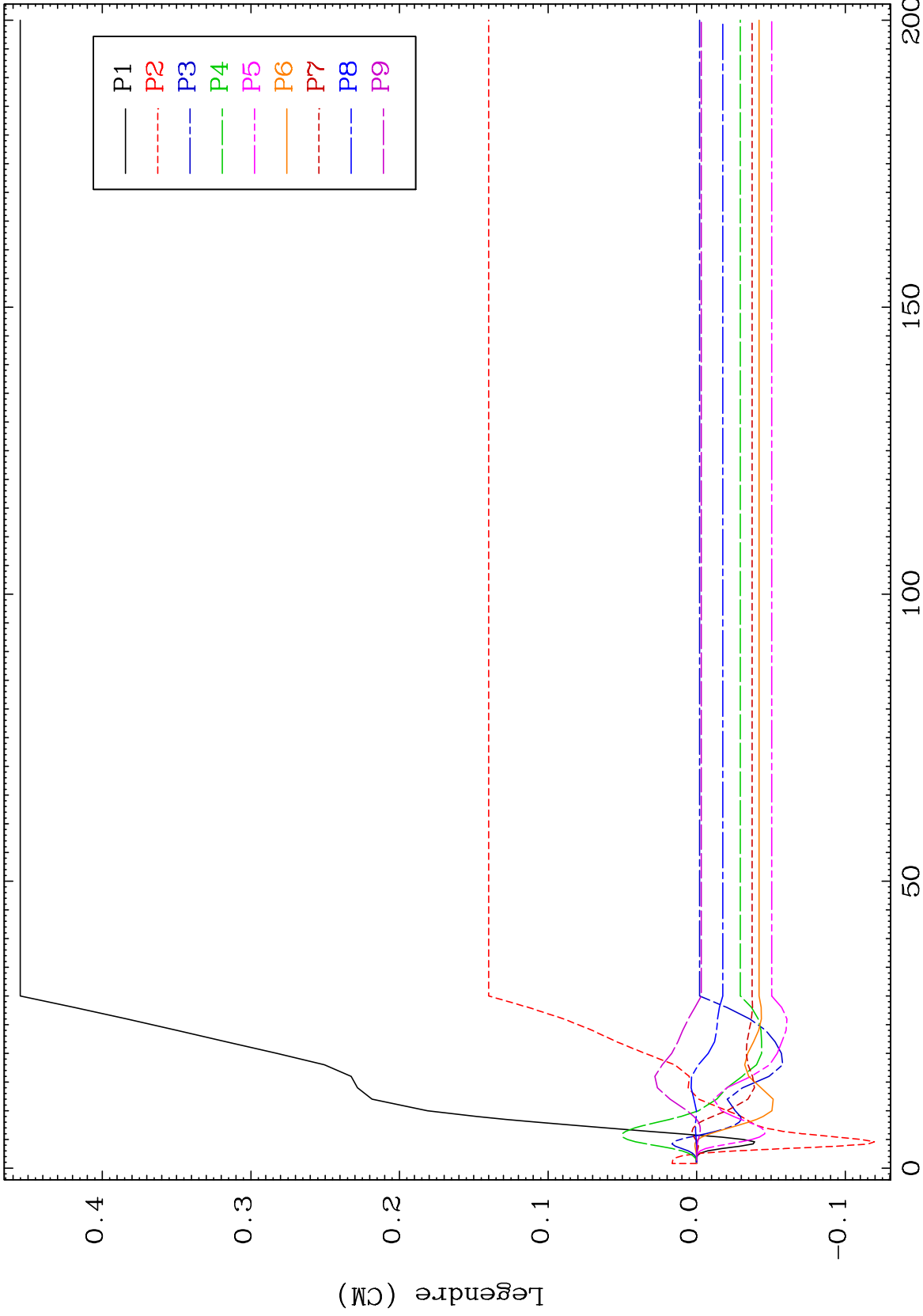
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



84

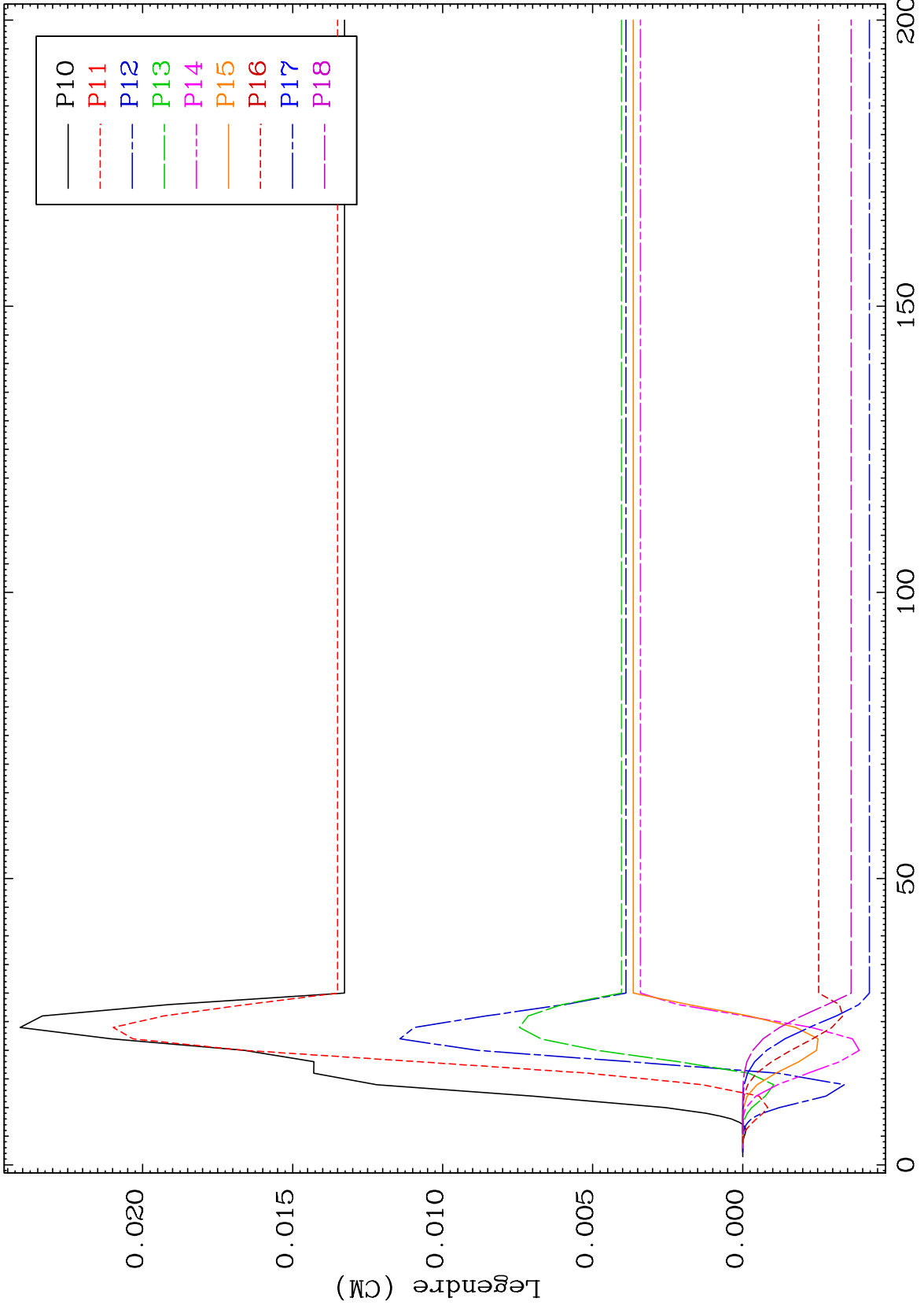
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



85

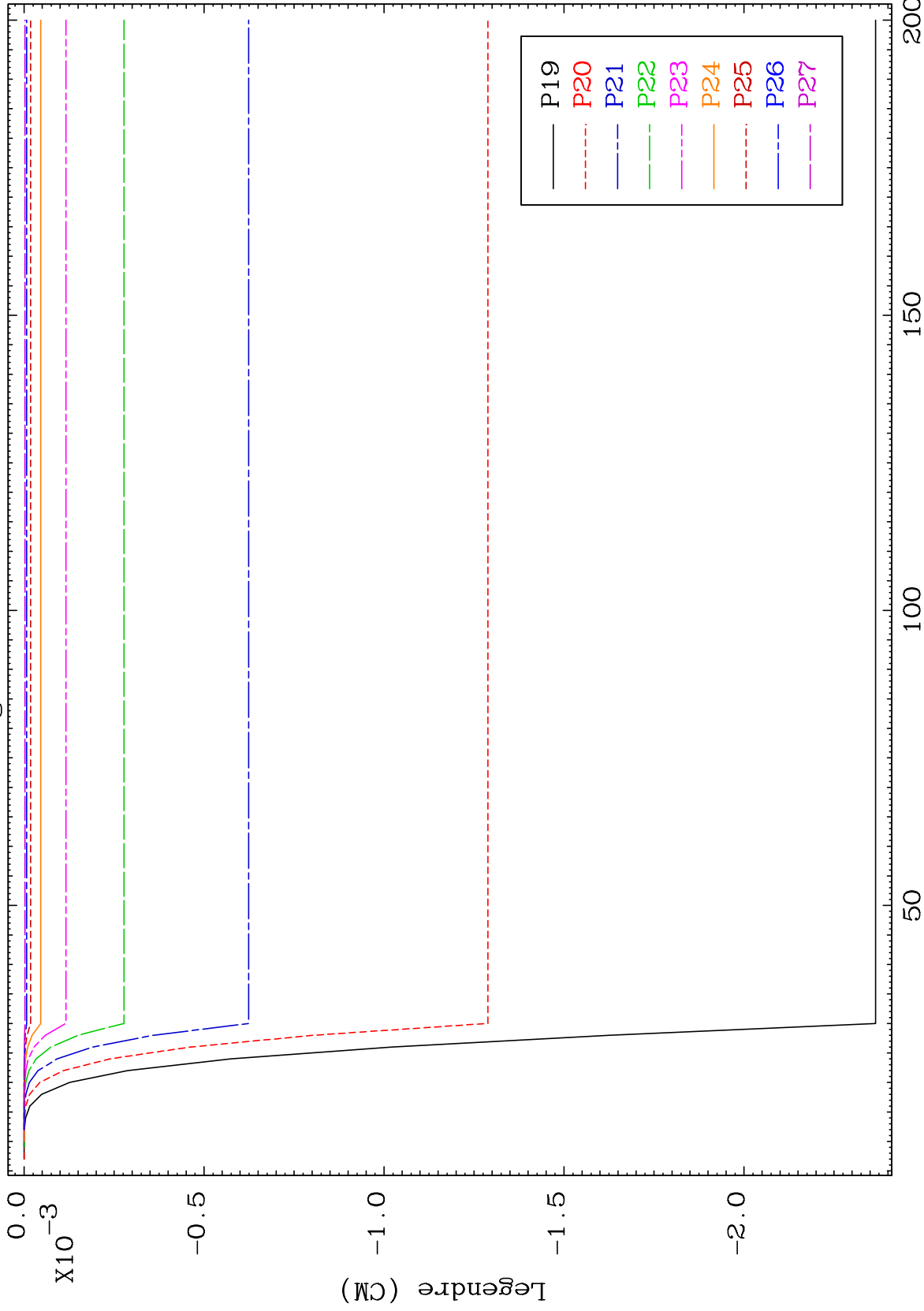
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



86

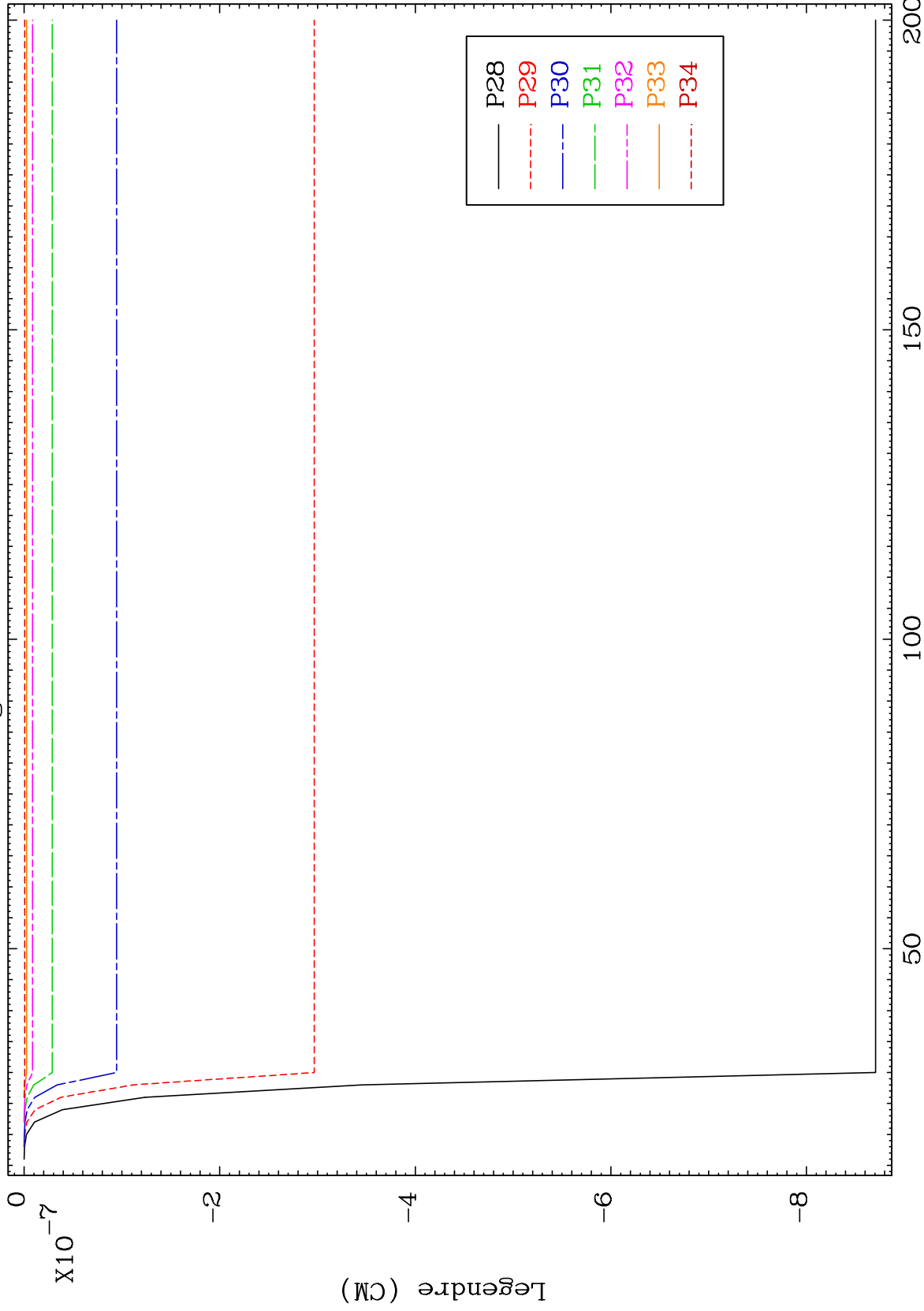
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

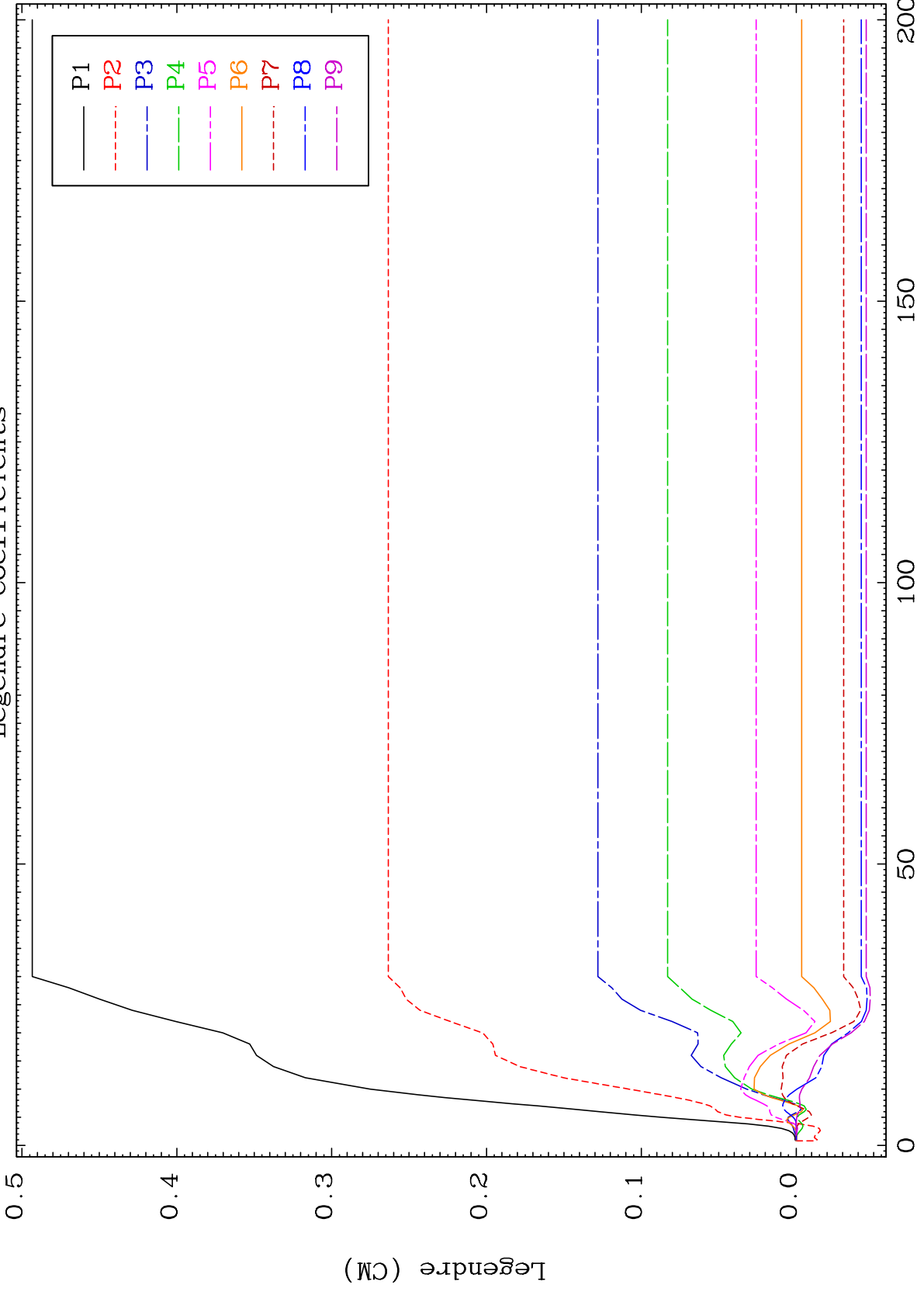


41-Nb-101

Incident Energy (MeV)

87

MAT 4149 MT= 68 (n,n') Level Legendre Coefficients 41-Nb-101

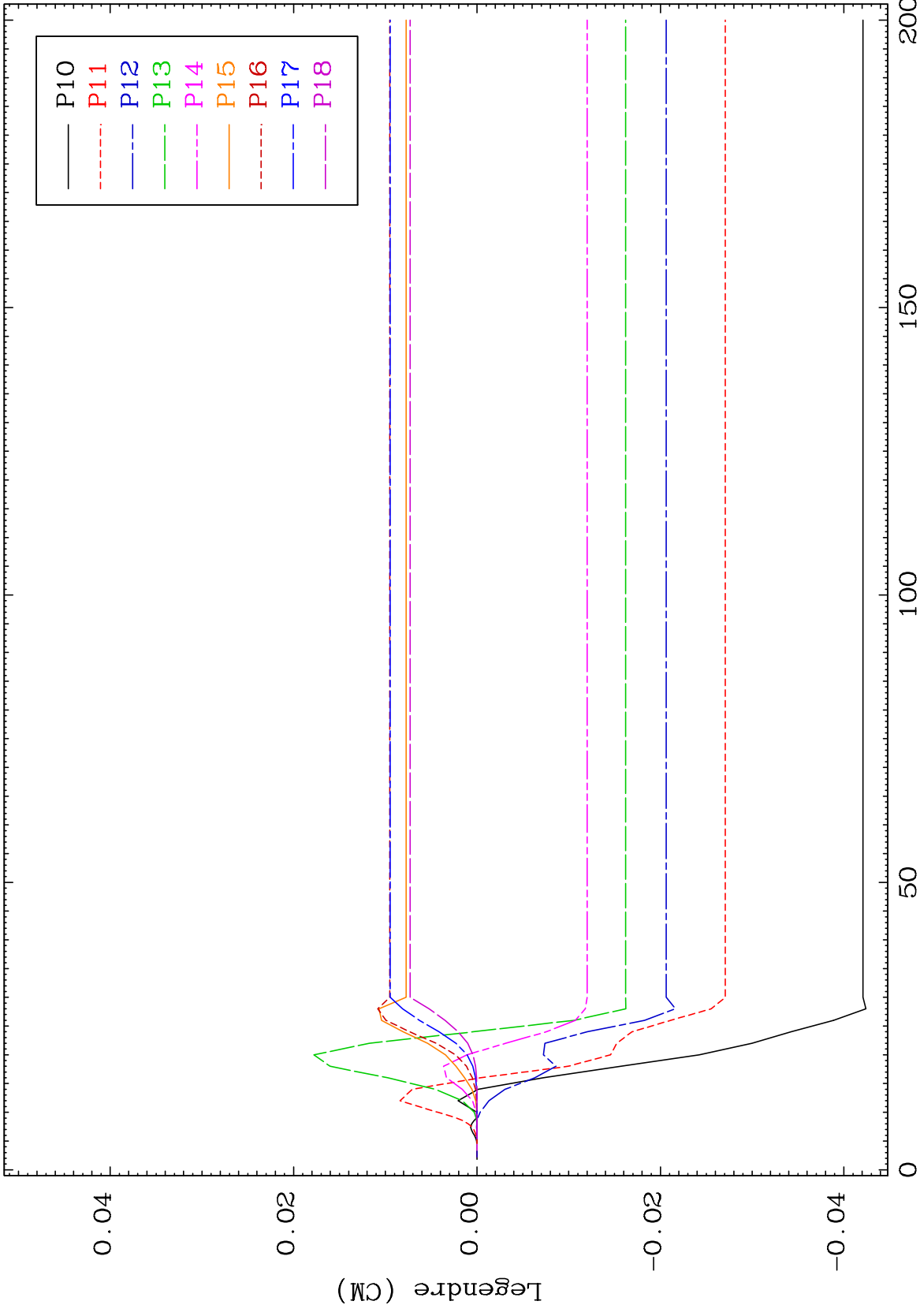


88 41-Nb-101

MAT 4149

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

41-Nb-101



89

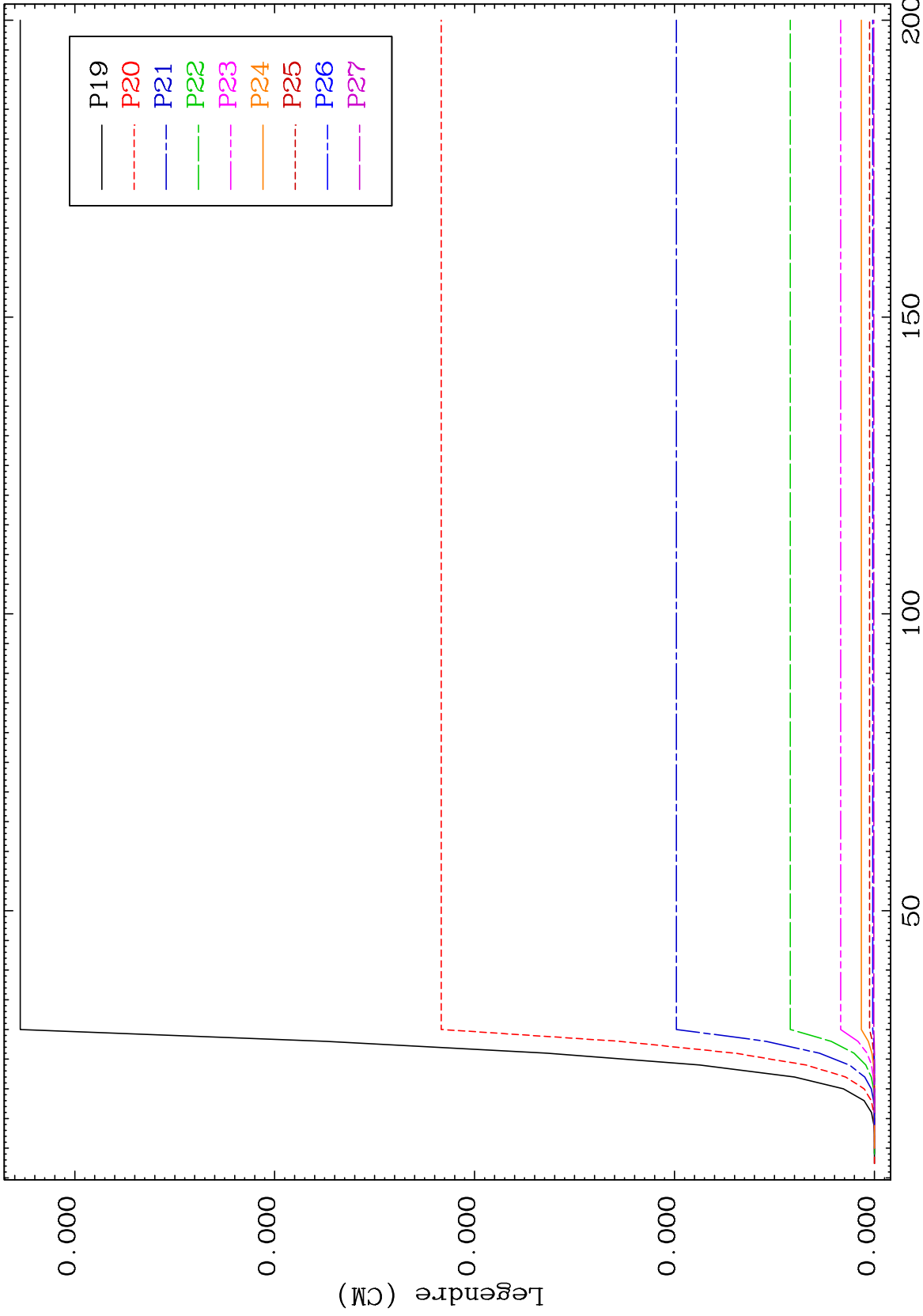
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



90

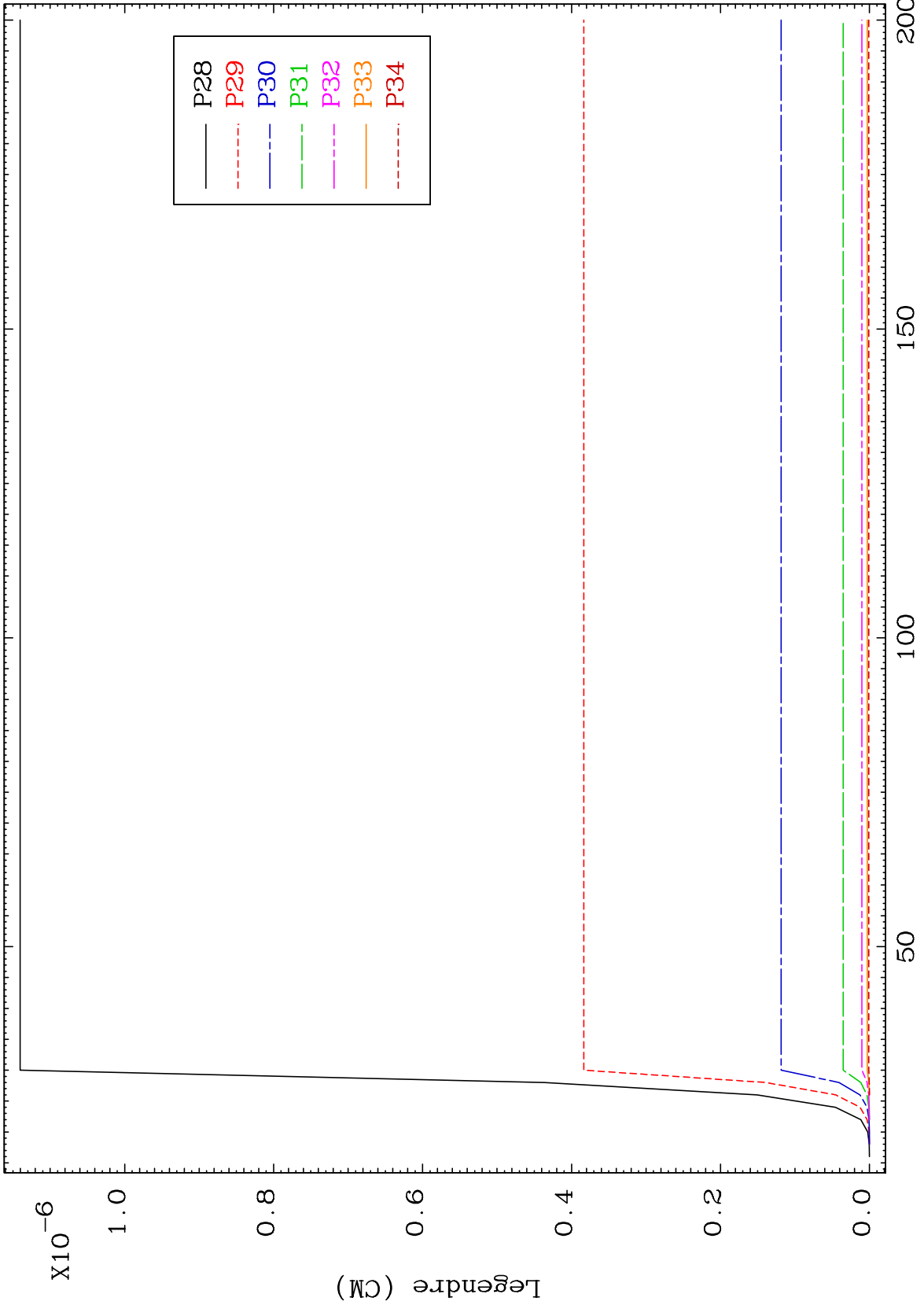
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



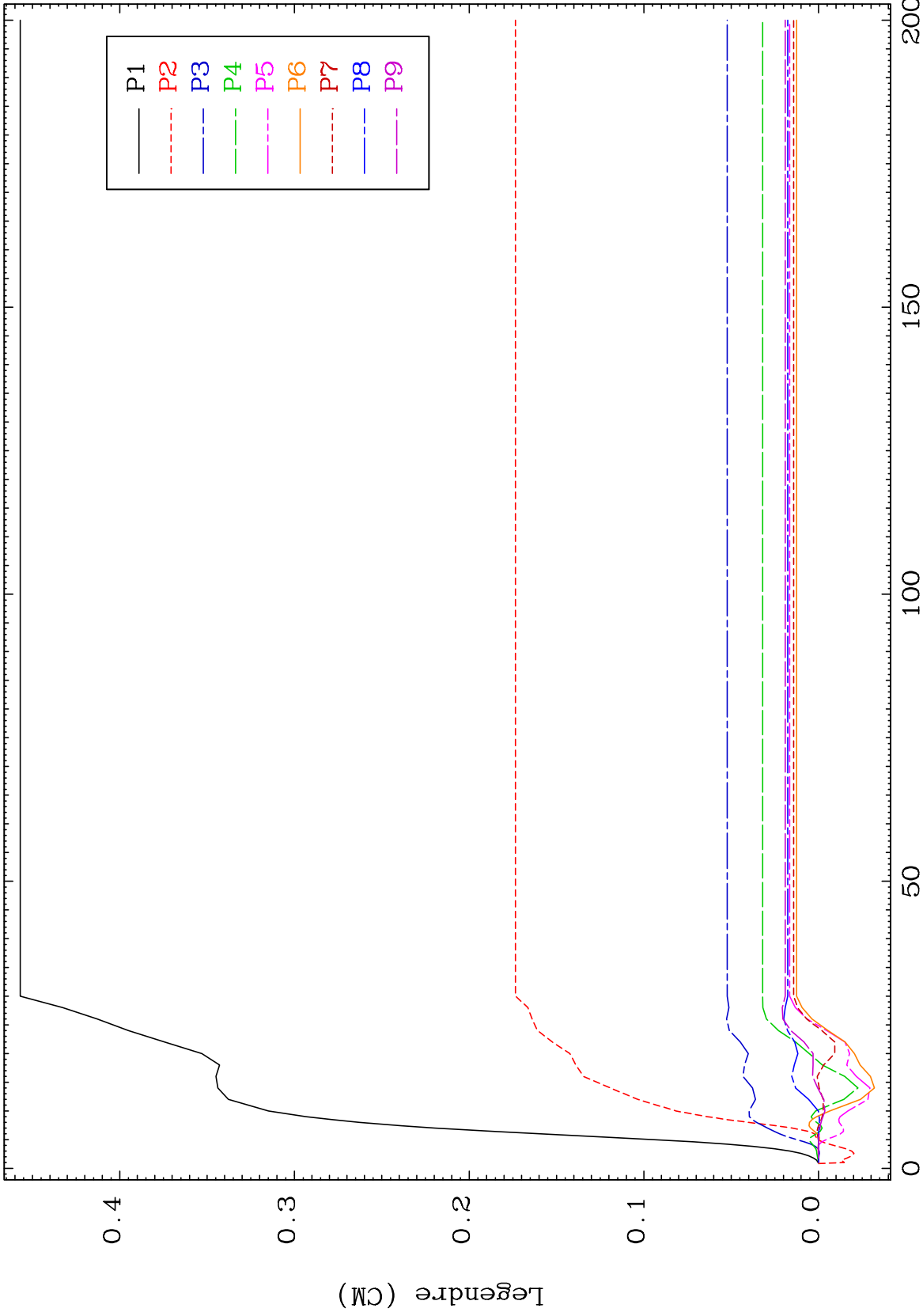
91

41-Nb-101

MAT 4149

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

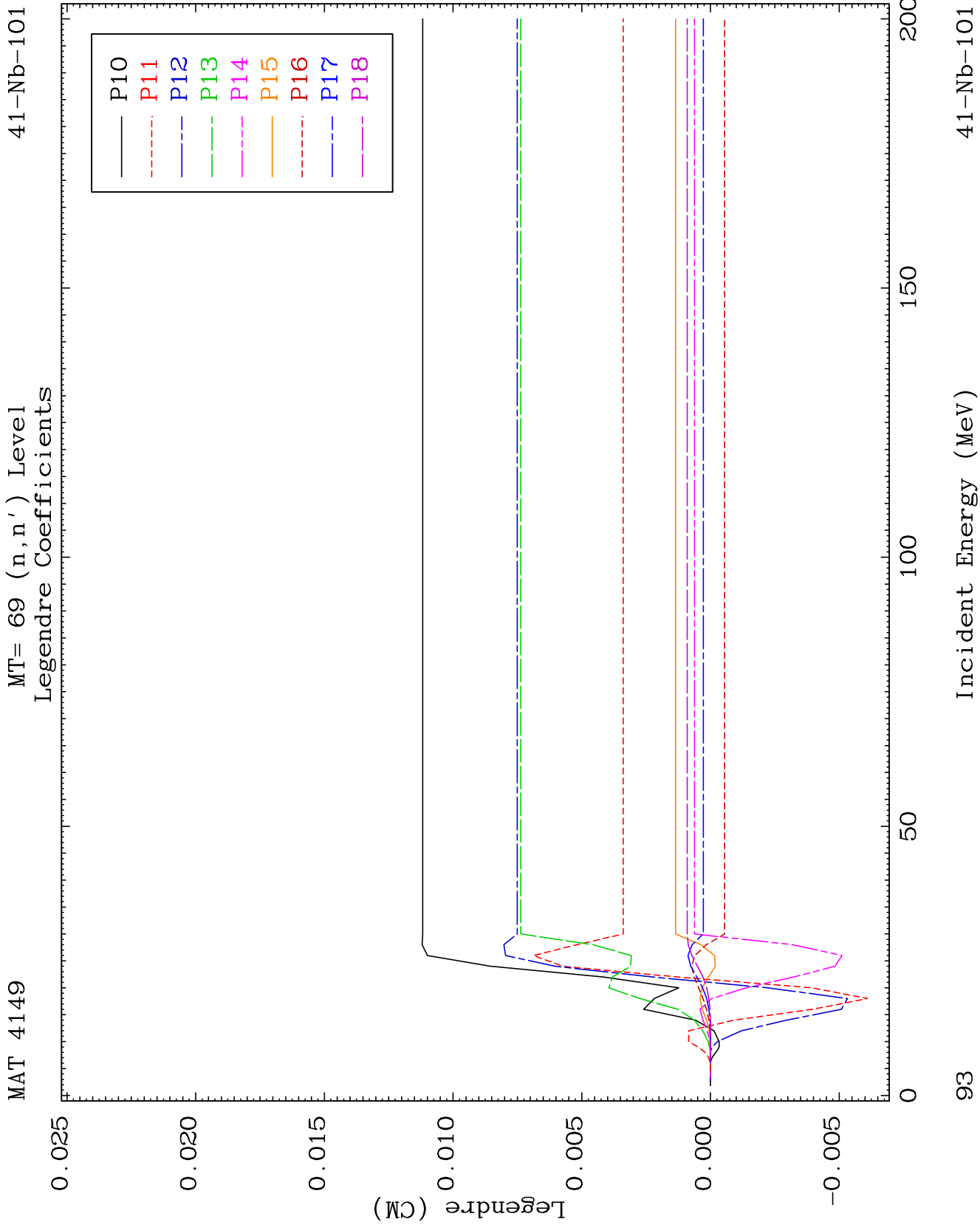
41-Nb-101



92

Incident Energy (MeV)

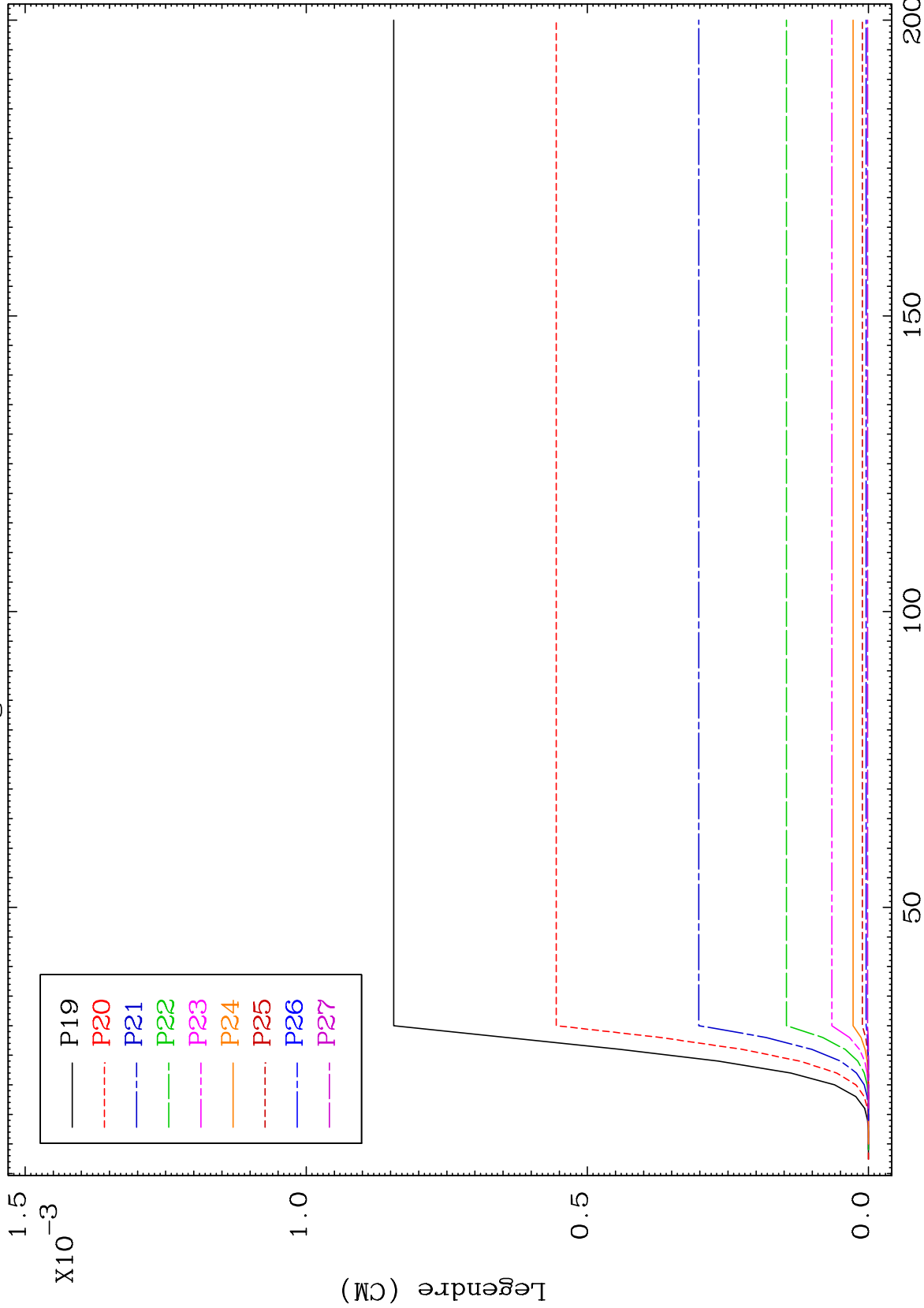
41-Nb-101



MAT 4149

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

41-Nb-101



94

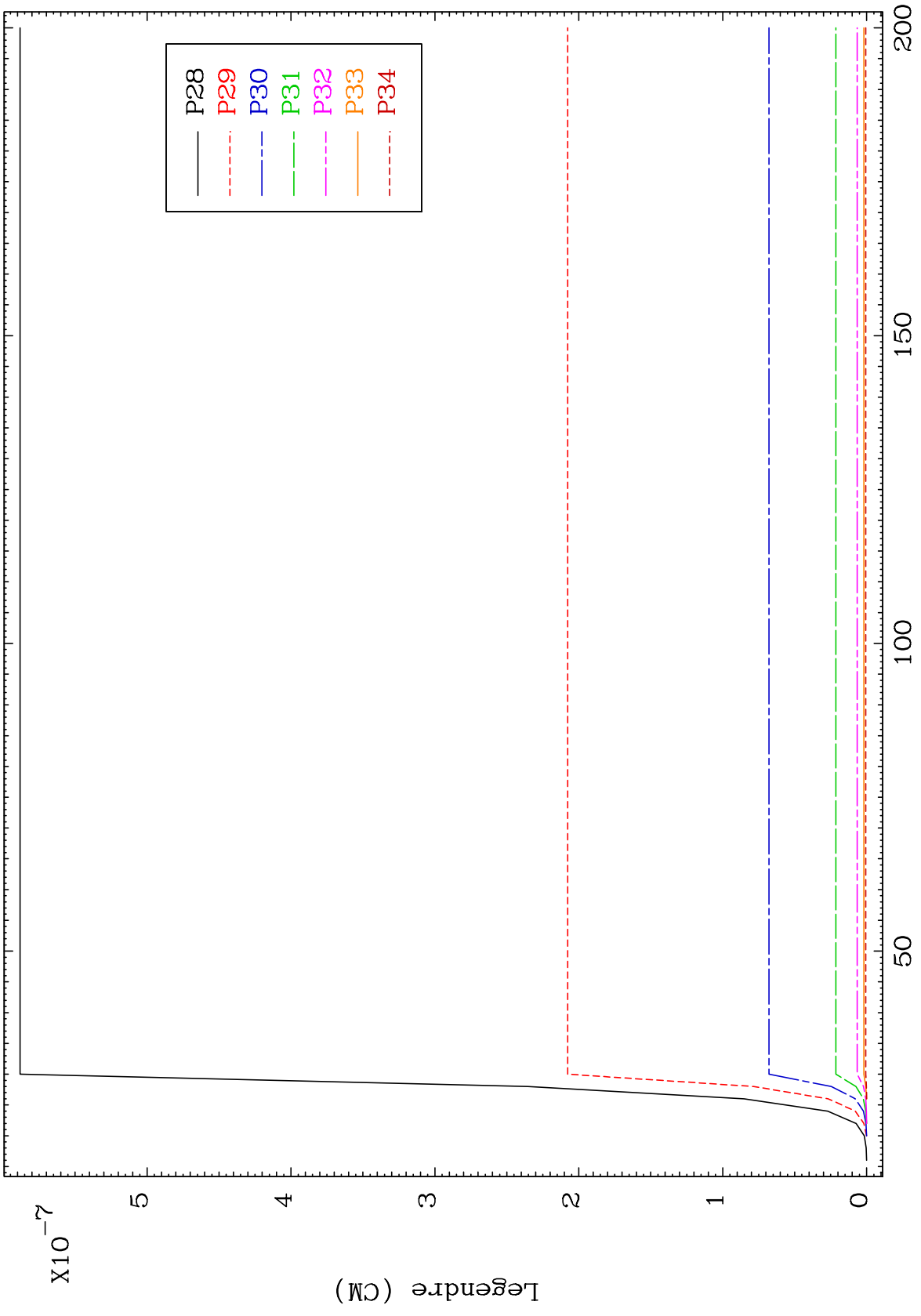
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

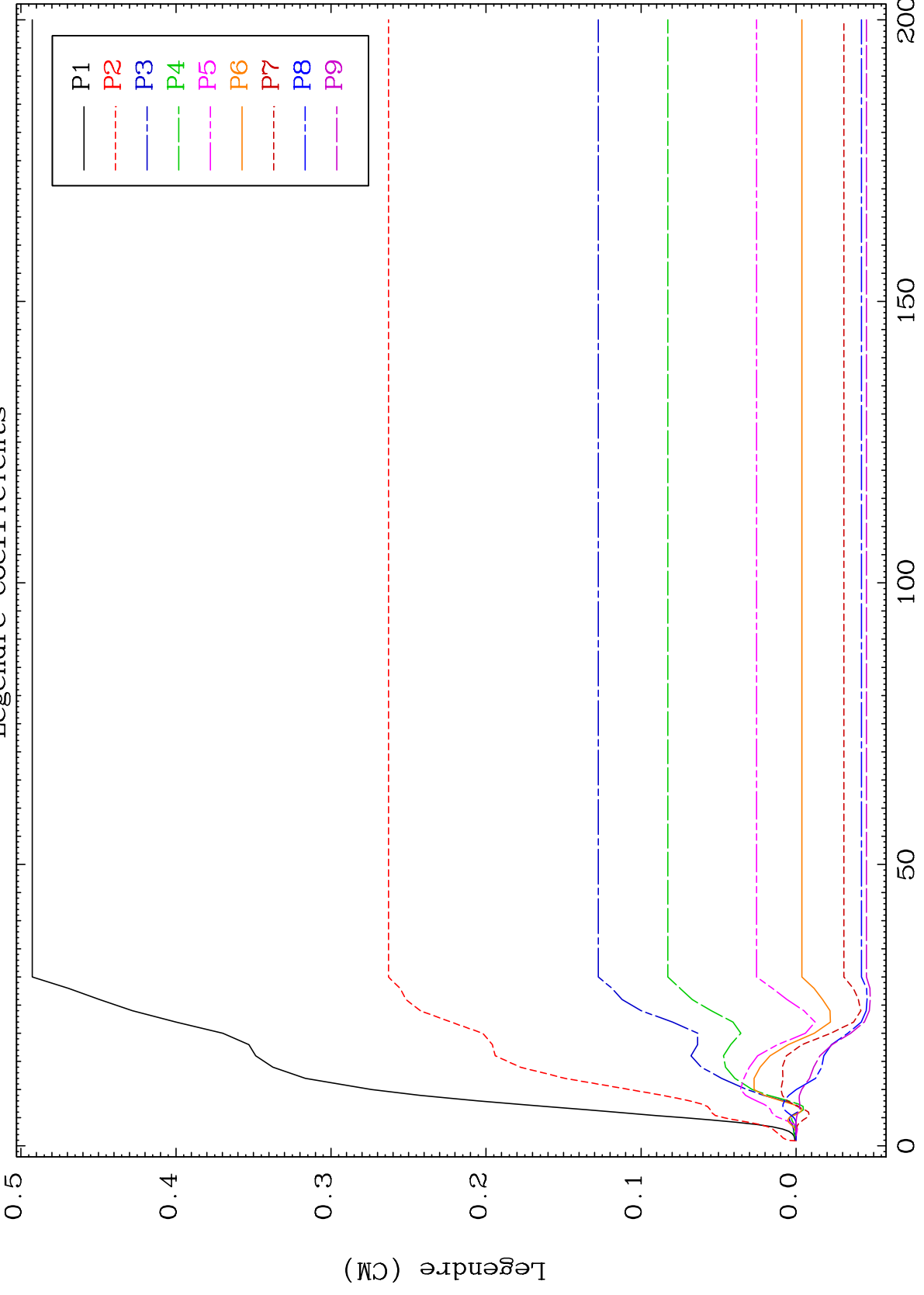


95

Incident Energy (MeV)

41-Nb-101

MAT 4149 MT= 70 (n,n') Level Legendre Coefficients 41-Nb-101

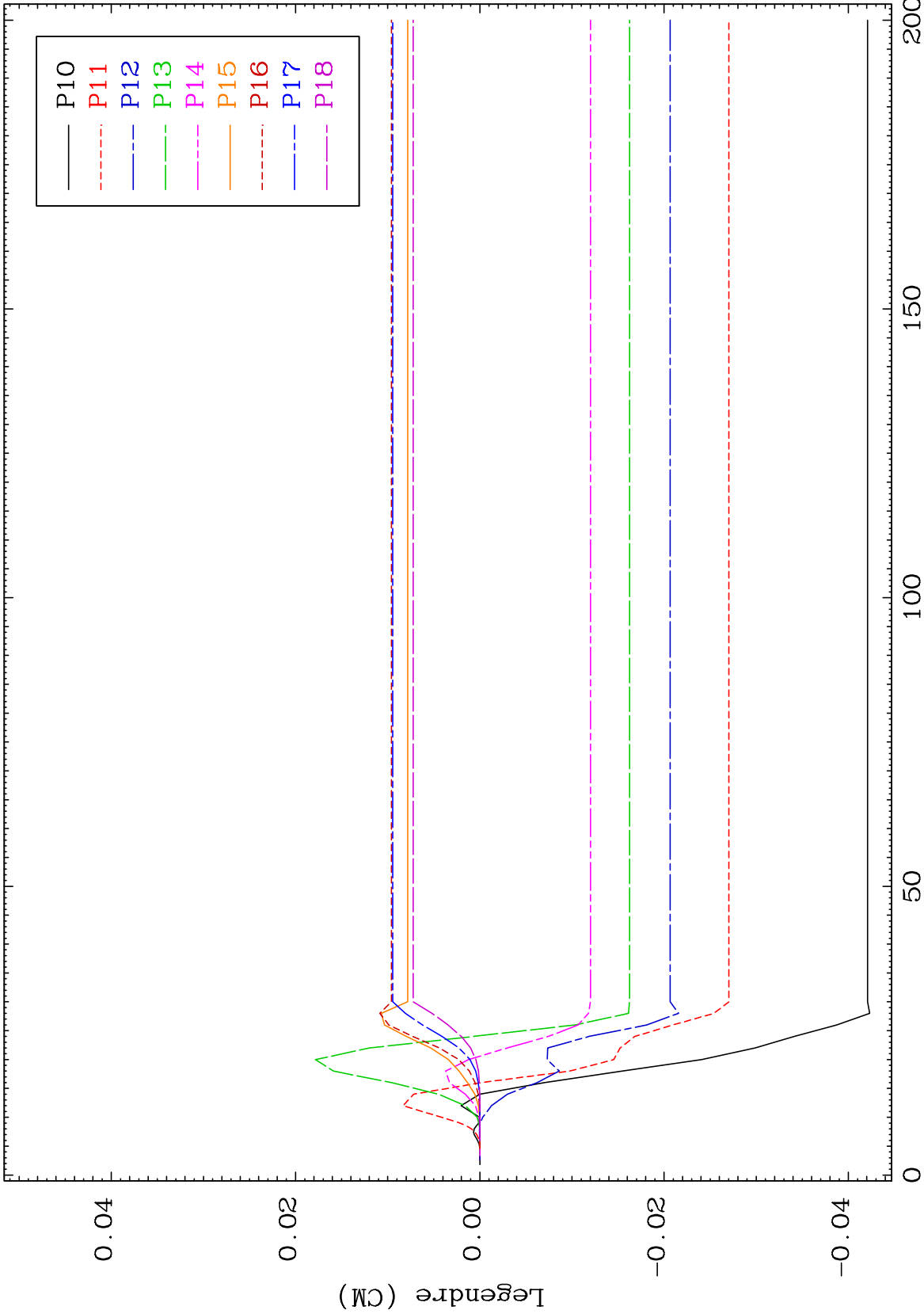


96 41-Nb-101

MAT 4149

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

41-Nb-101



97

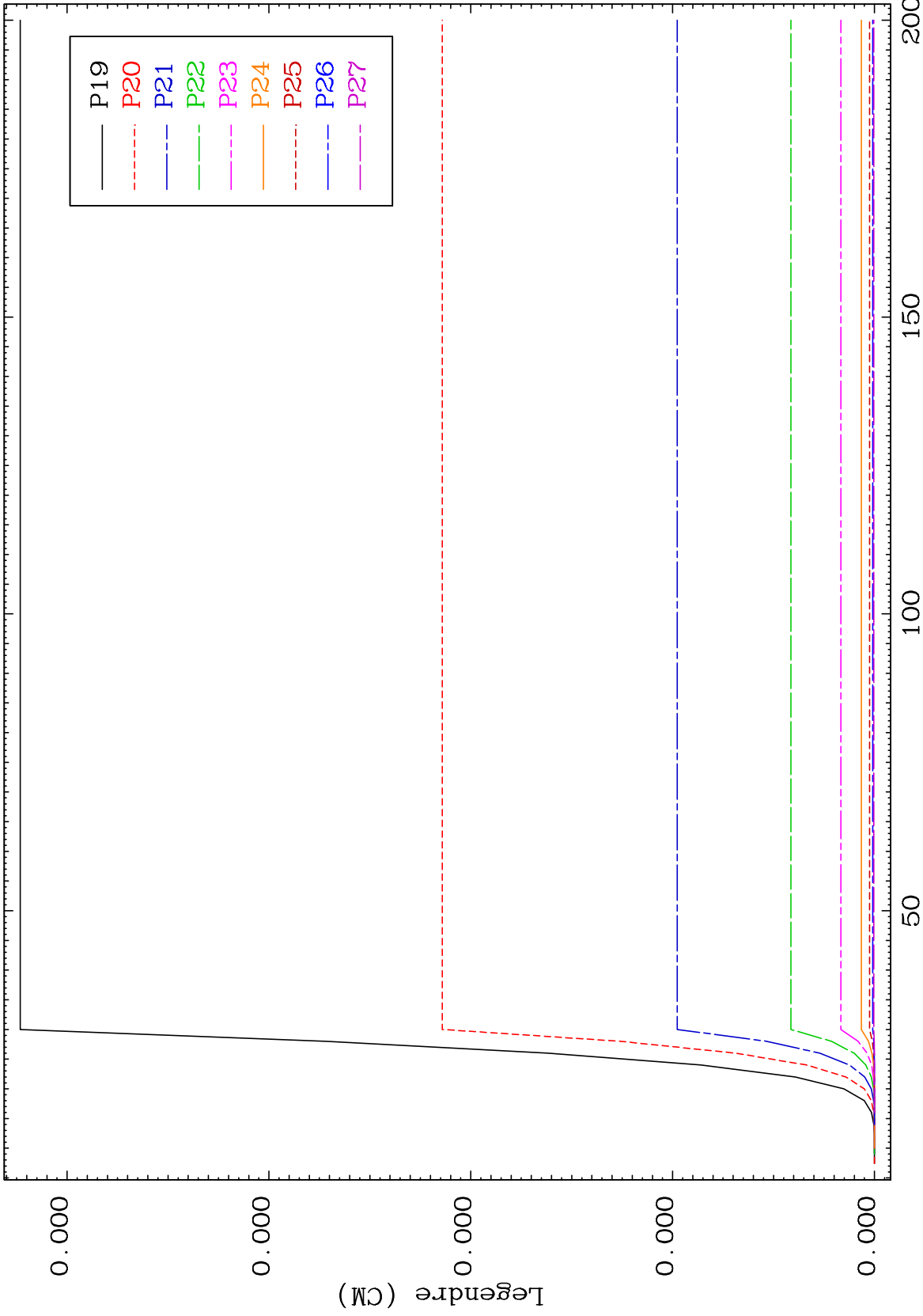
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



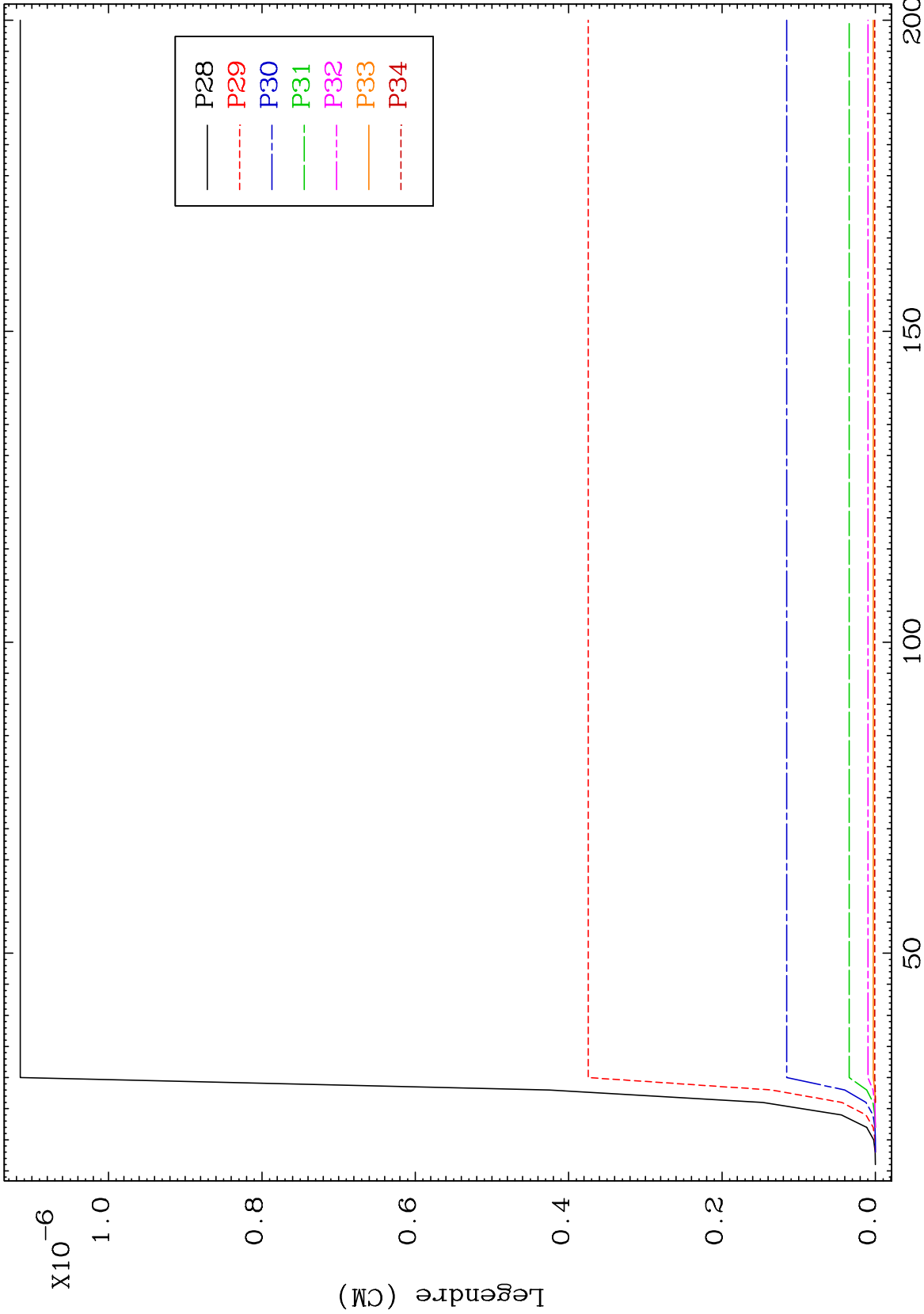
98

41-Nb-101

MAT 4149

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

41-Nb-101



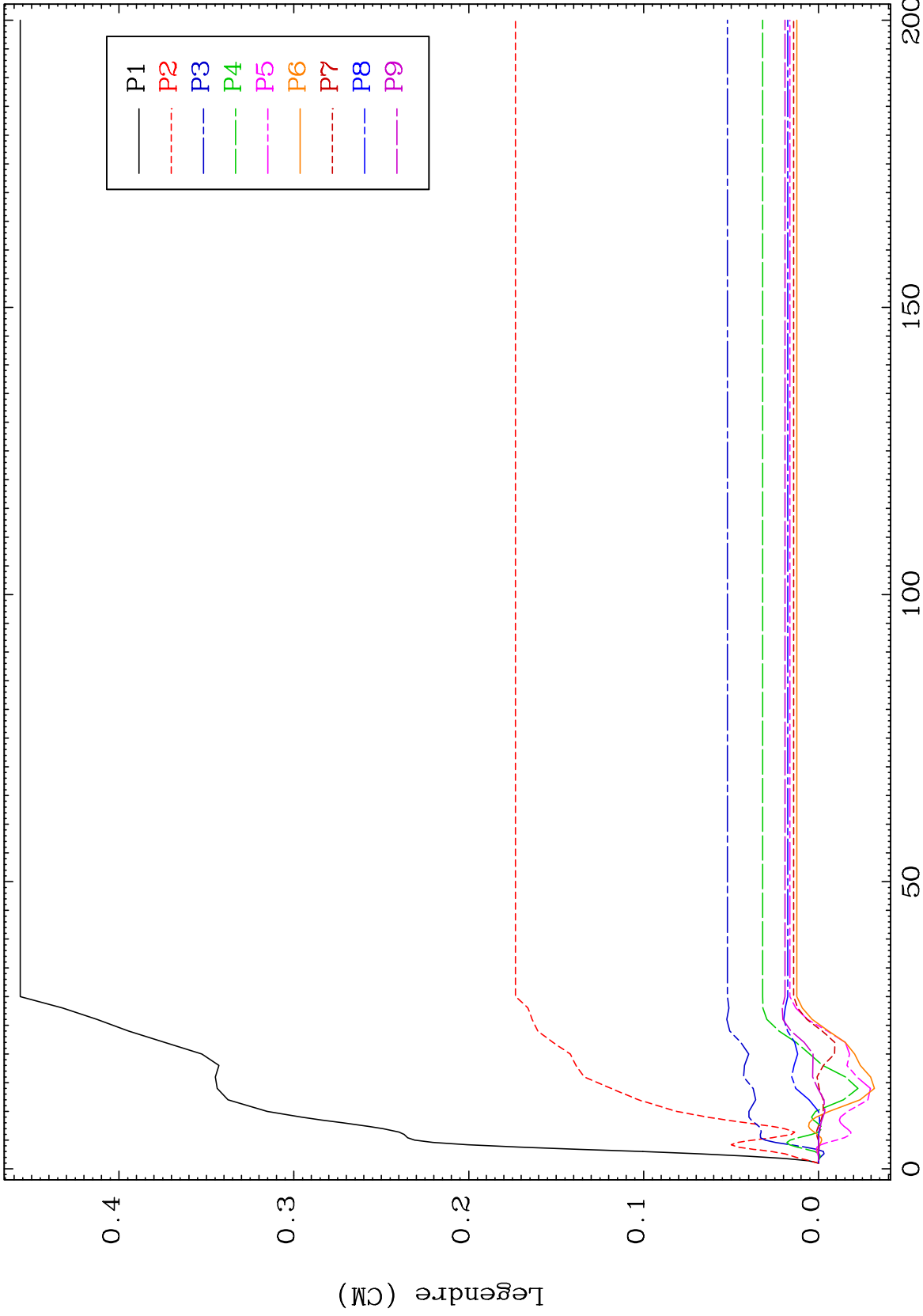
99

41-Nb-101

MAT 4149

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

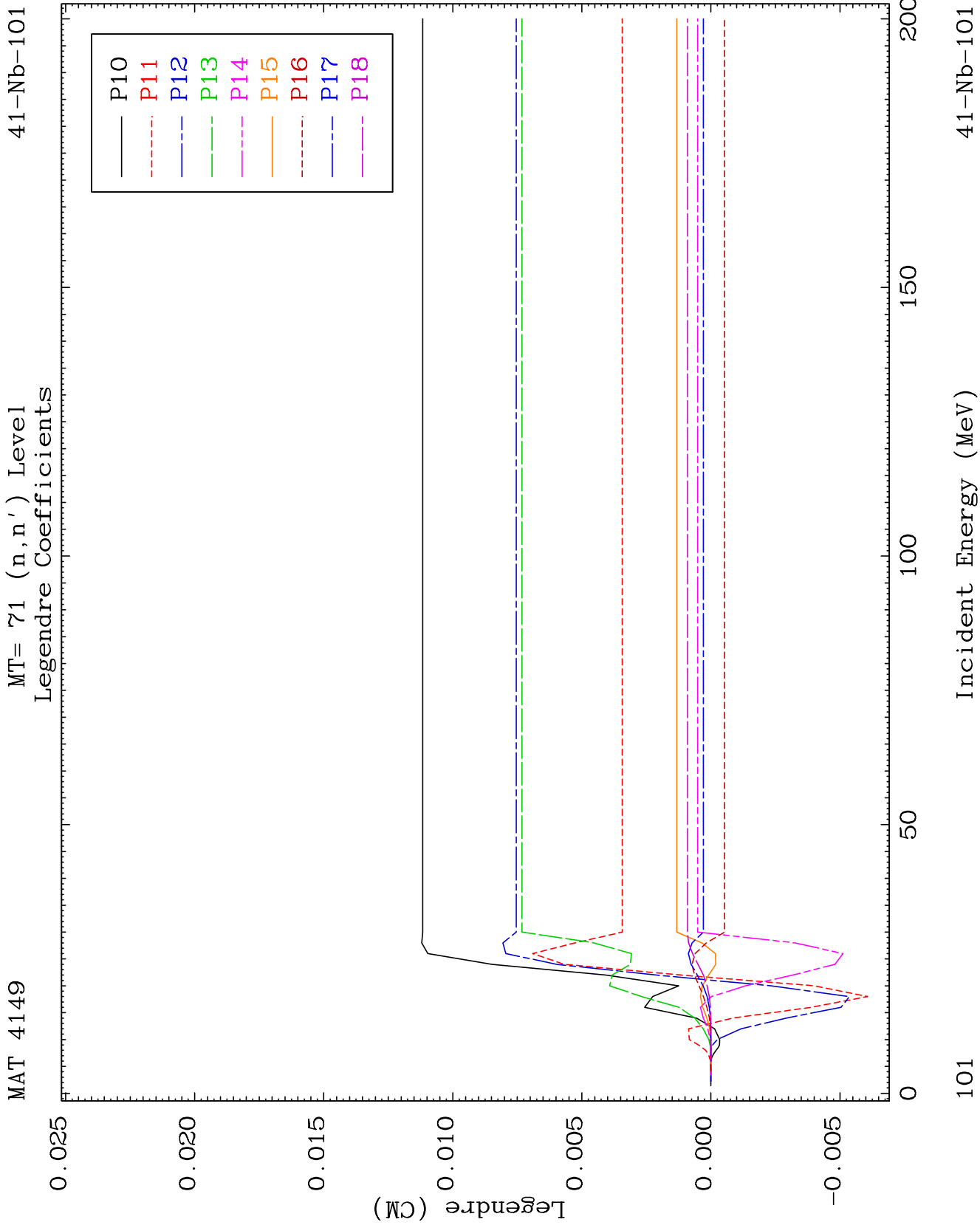
41-Nb-101



41-Nb-101

Incident Energy (MeV)

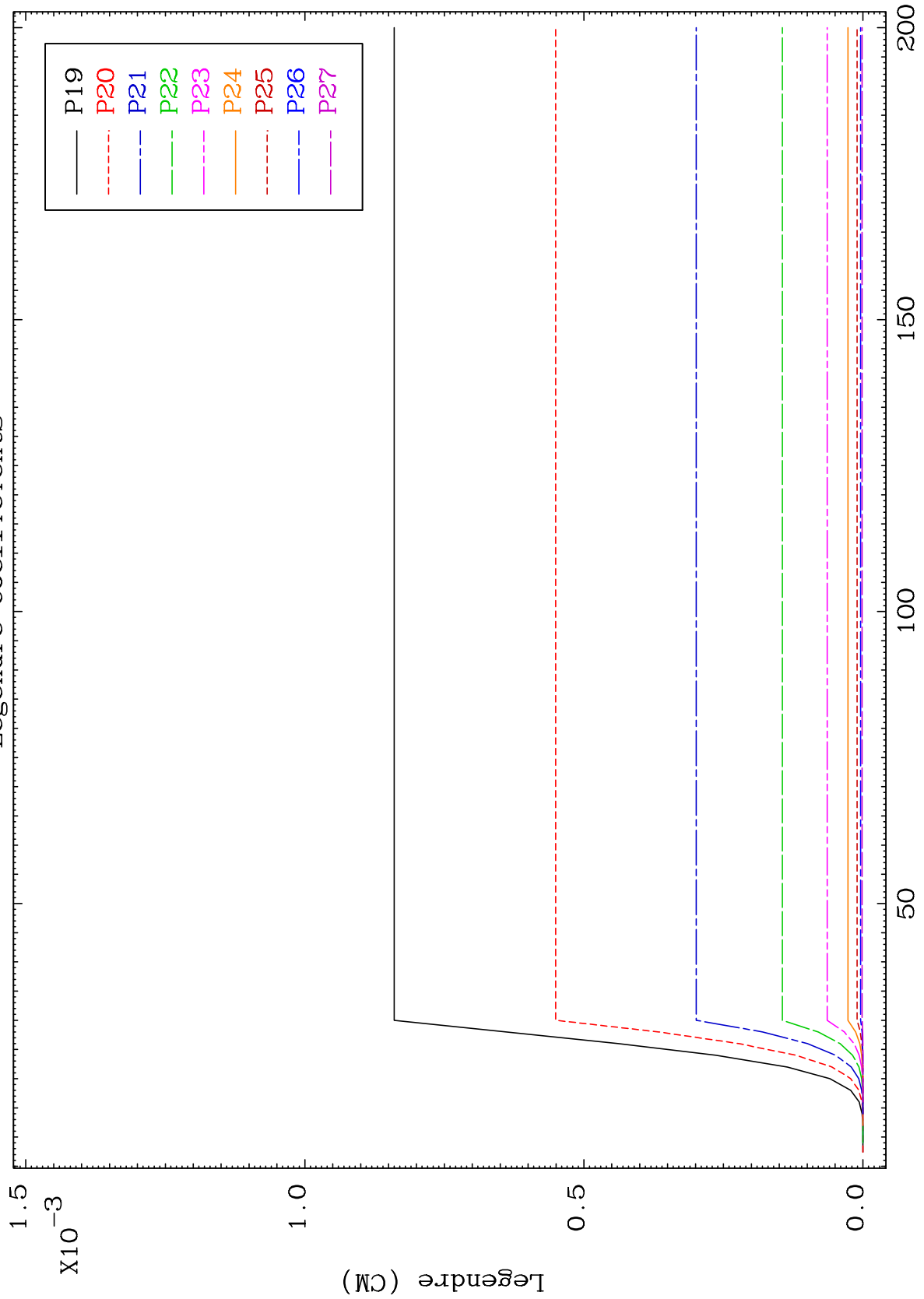
100



MAT 4149

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

41-Nb-101



102

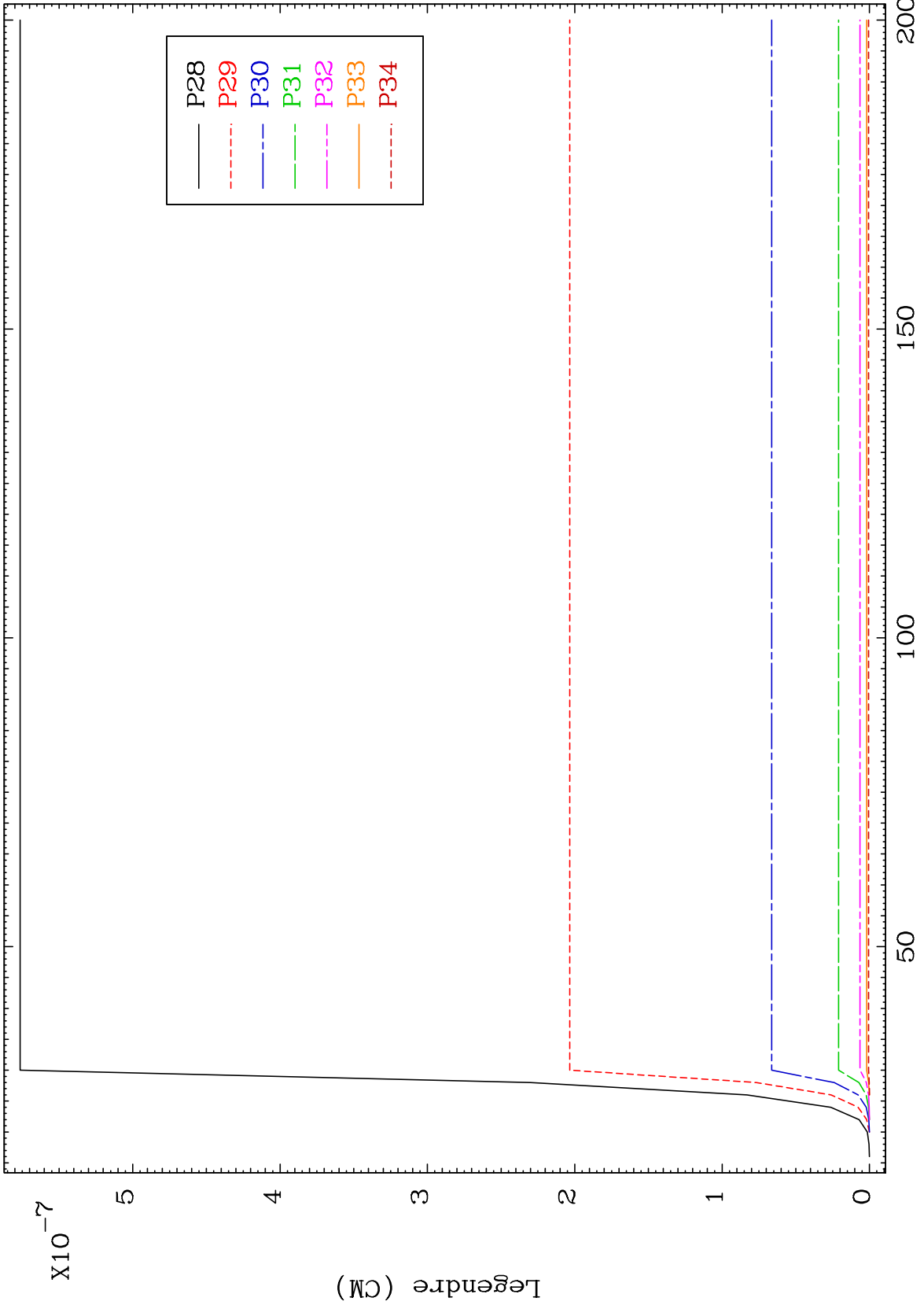
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101

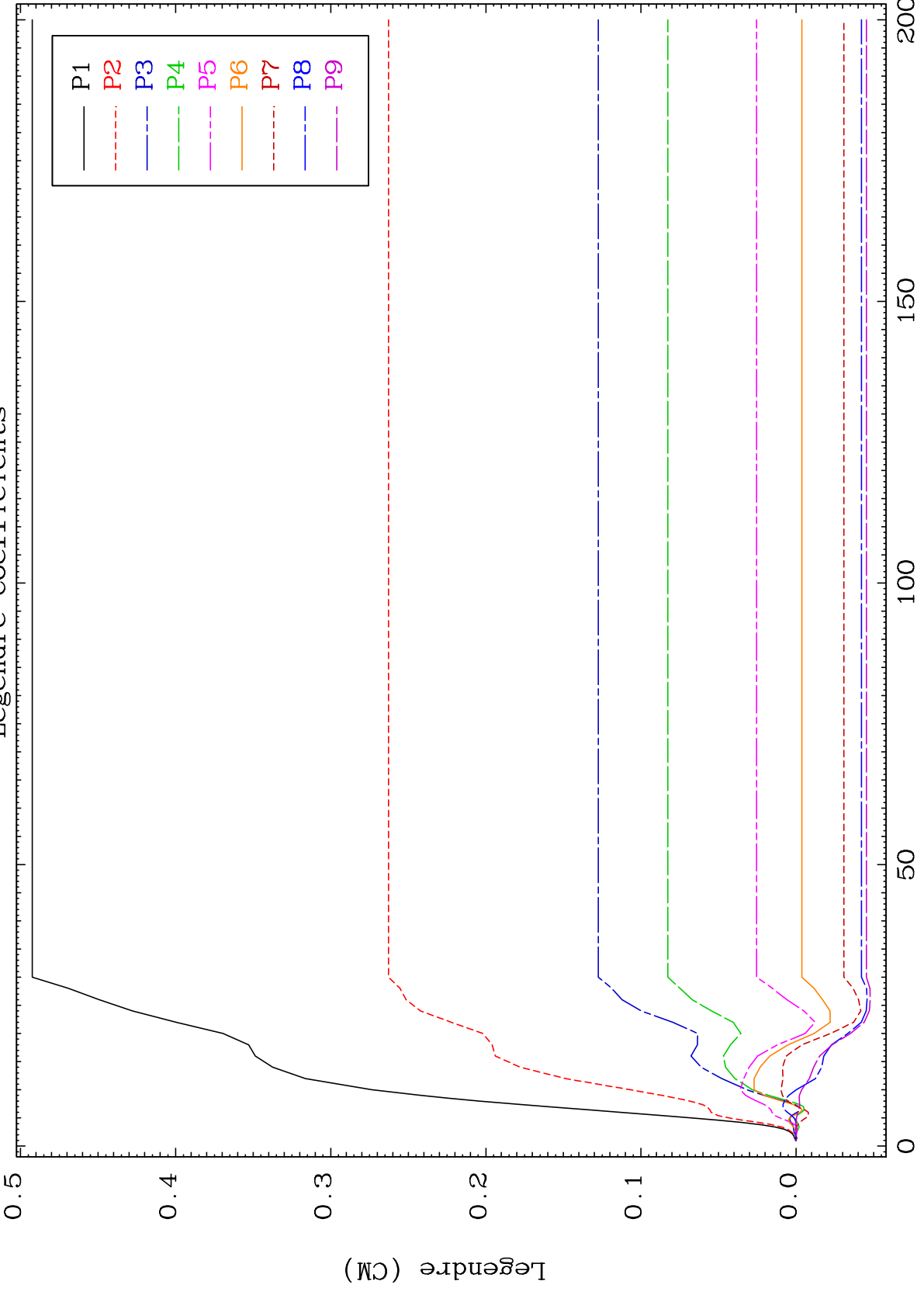


103

Incident Energy (MeV)

41-Nb-101

MAT 4149 MT= 72 (n,n') Level Legendre Coefficients 41-Nb-101

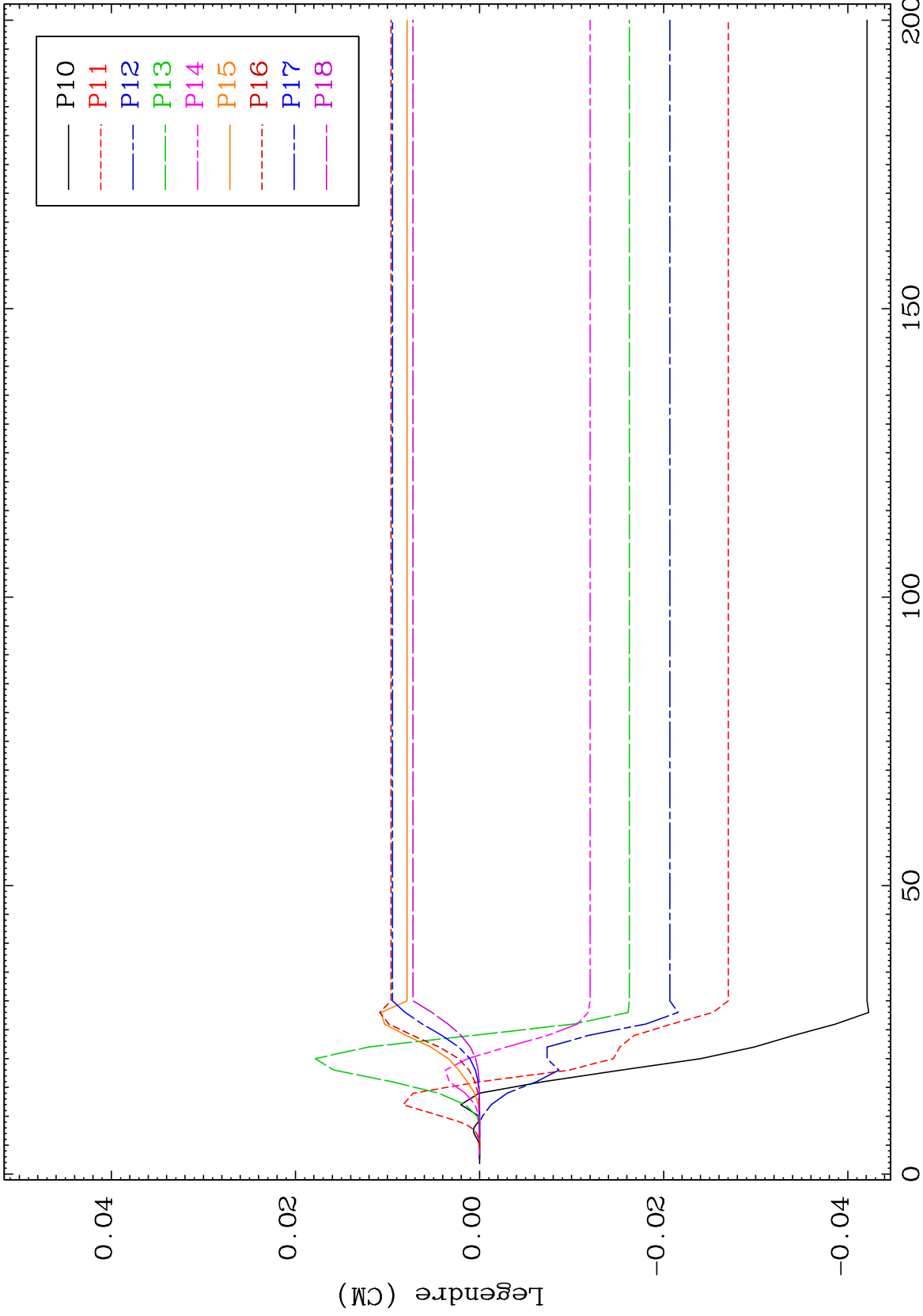


104 41-Nb-101

MAT 4149

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

41-Nb-101



105

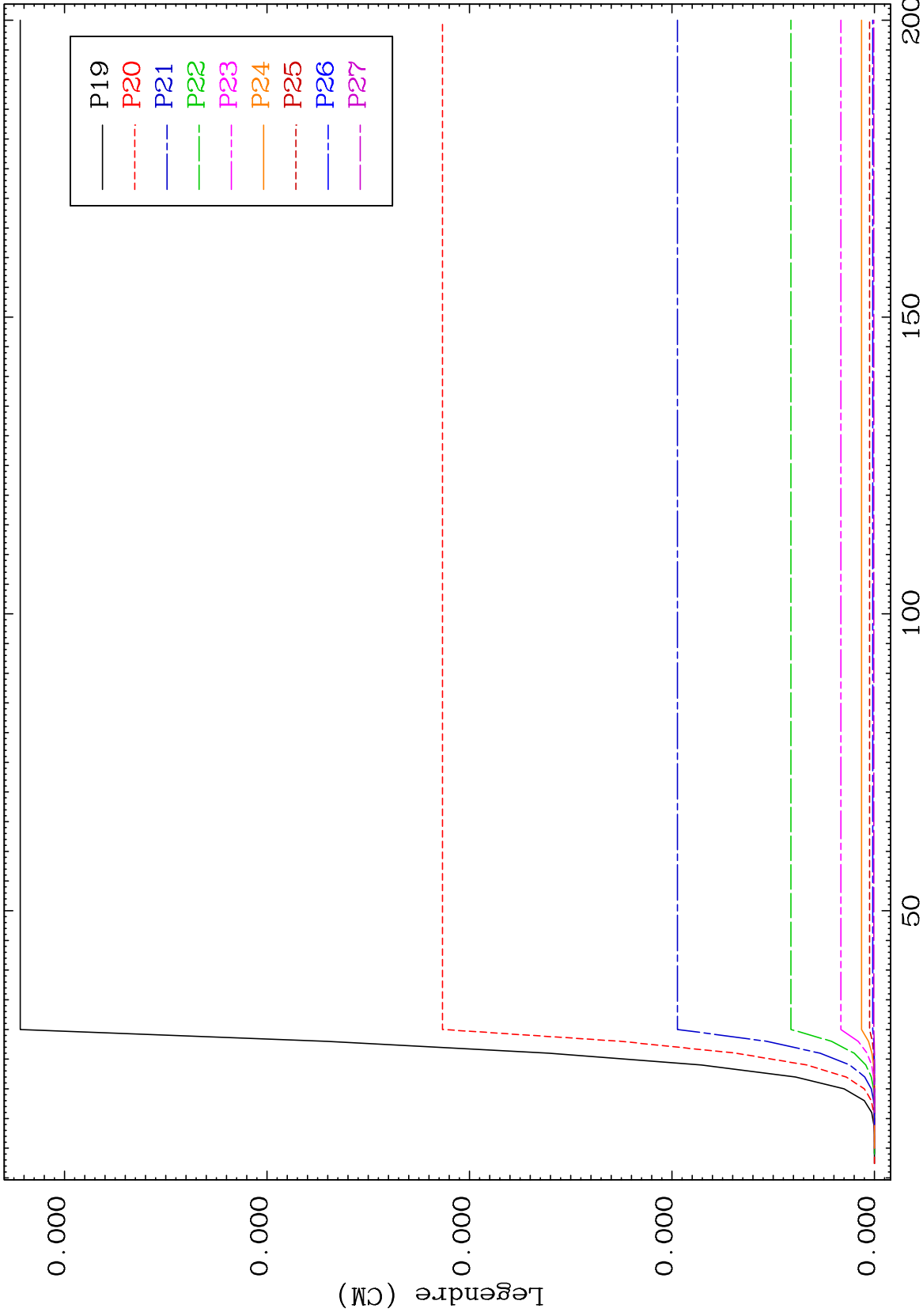
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



106

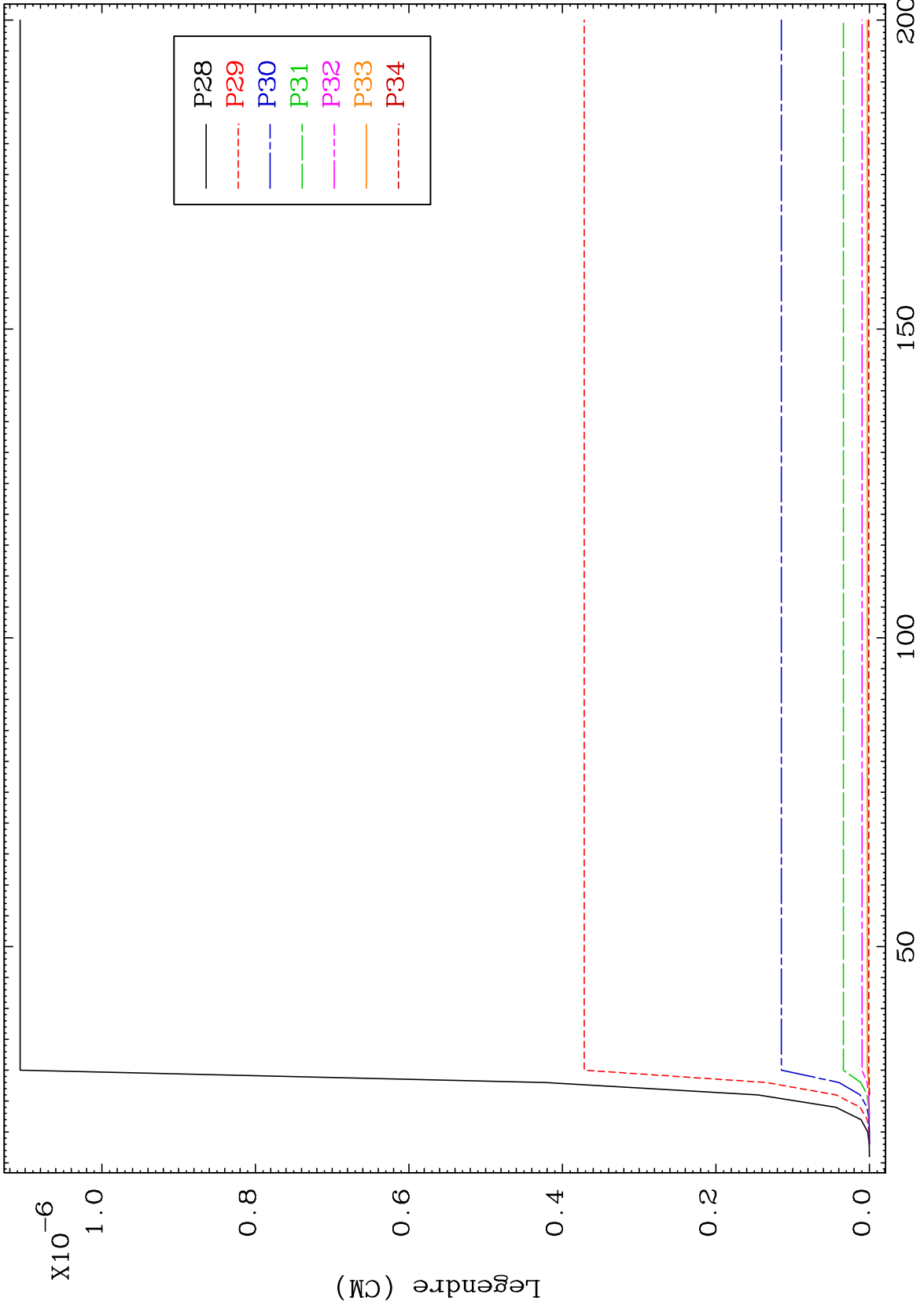
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



107

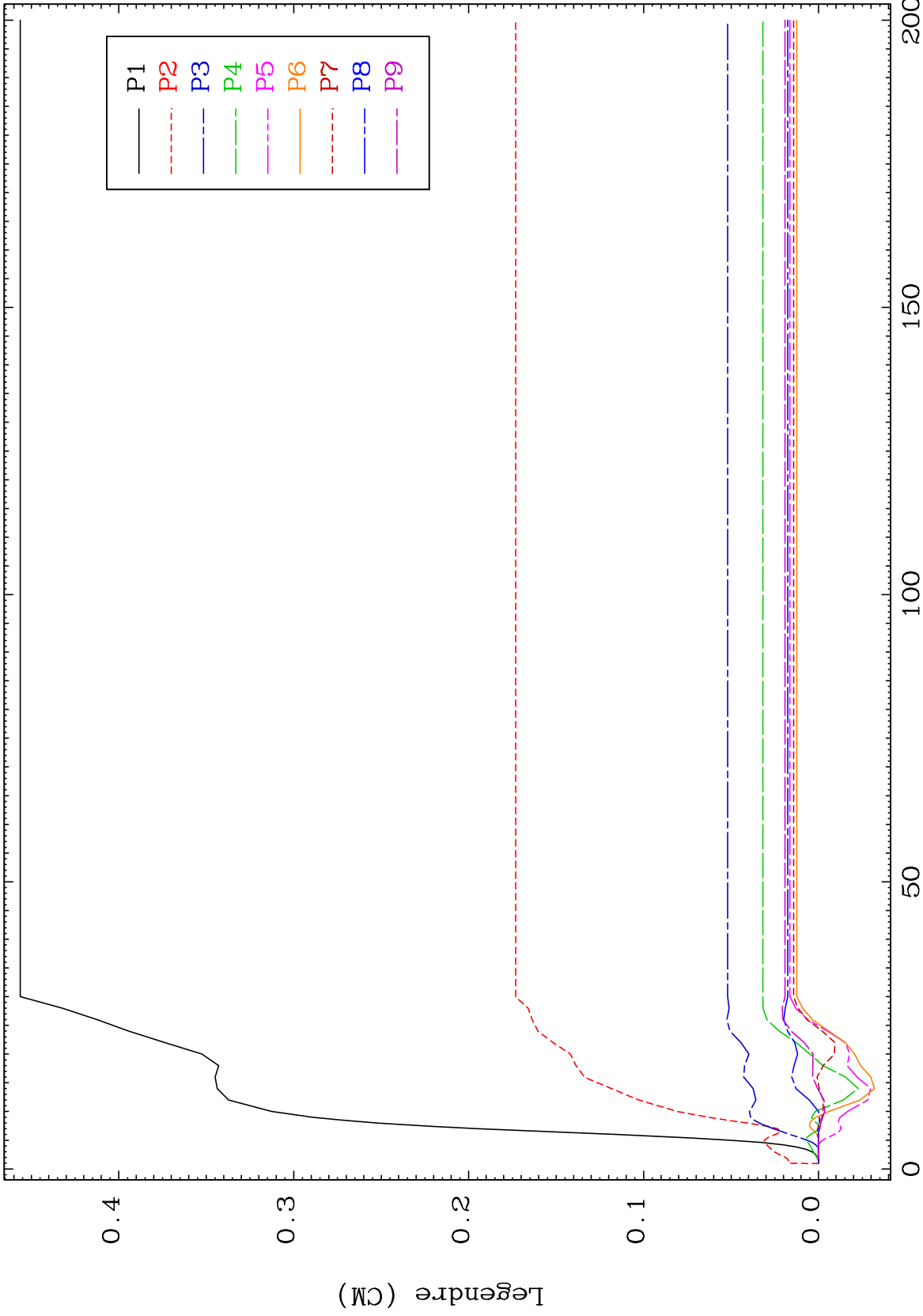
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



108

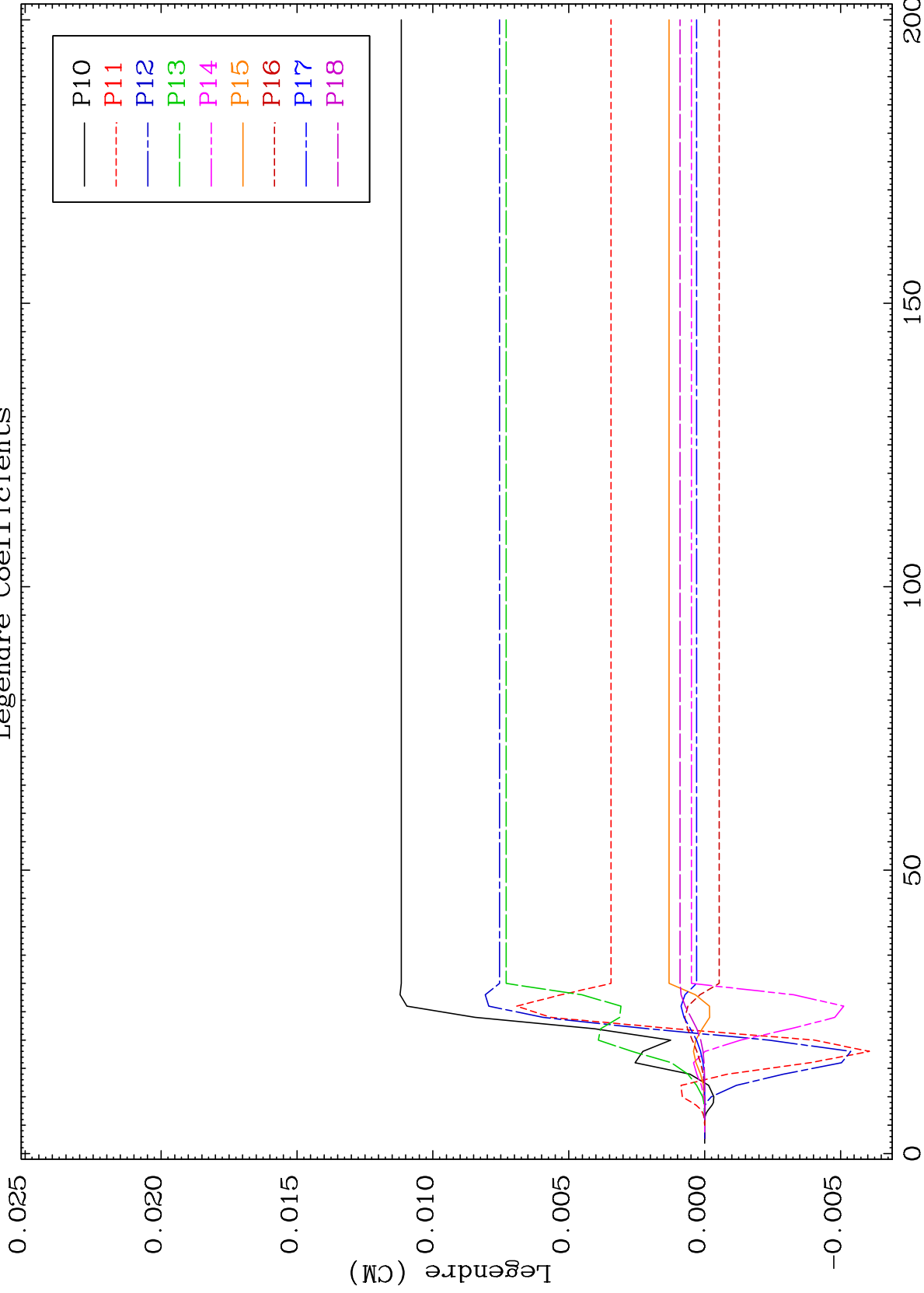
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



109

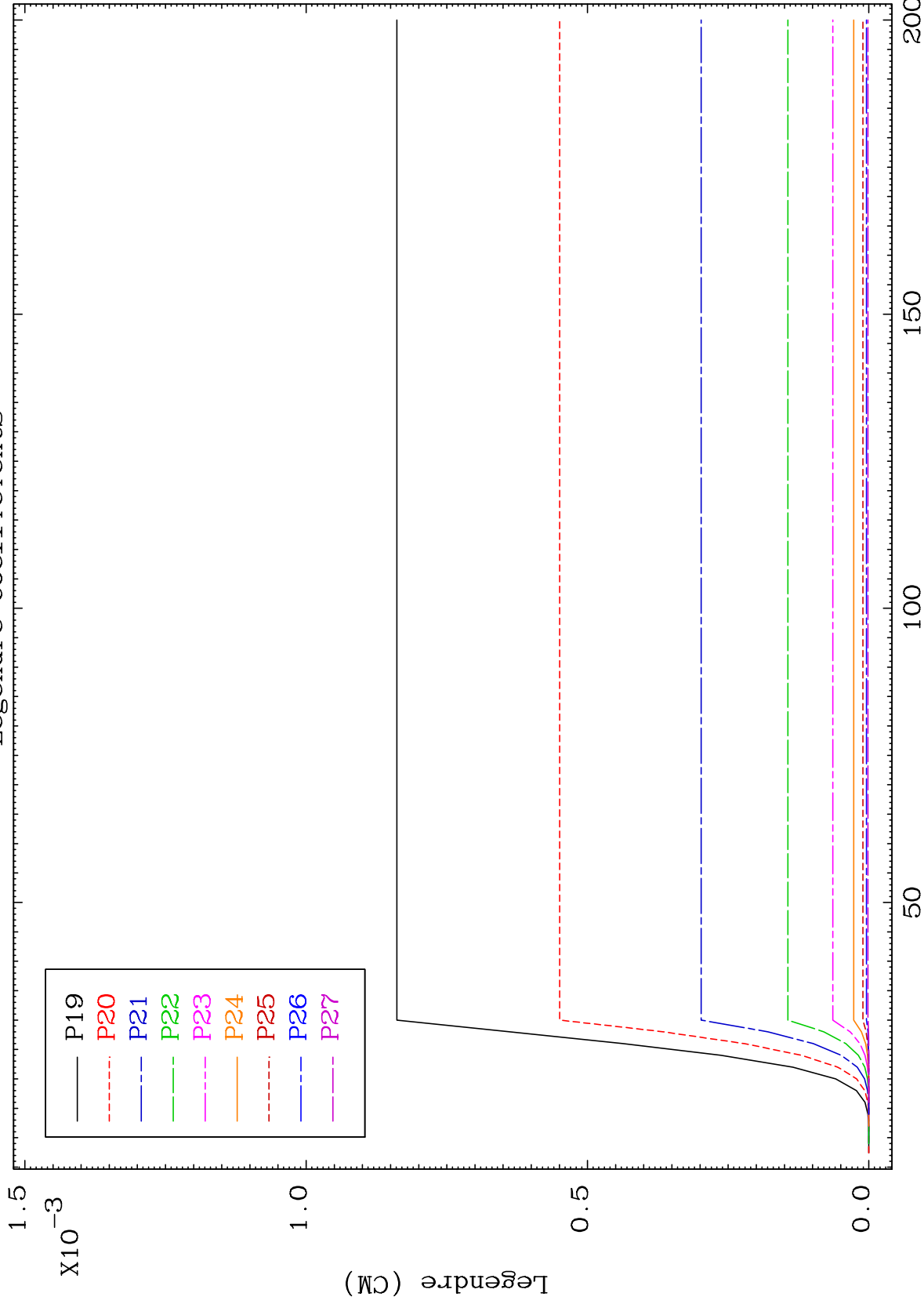
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



110

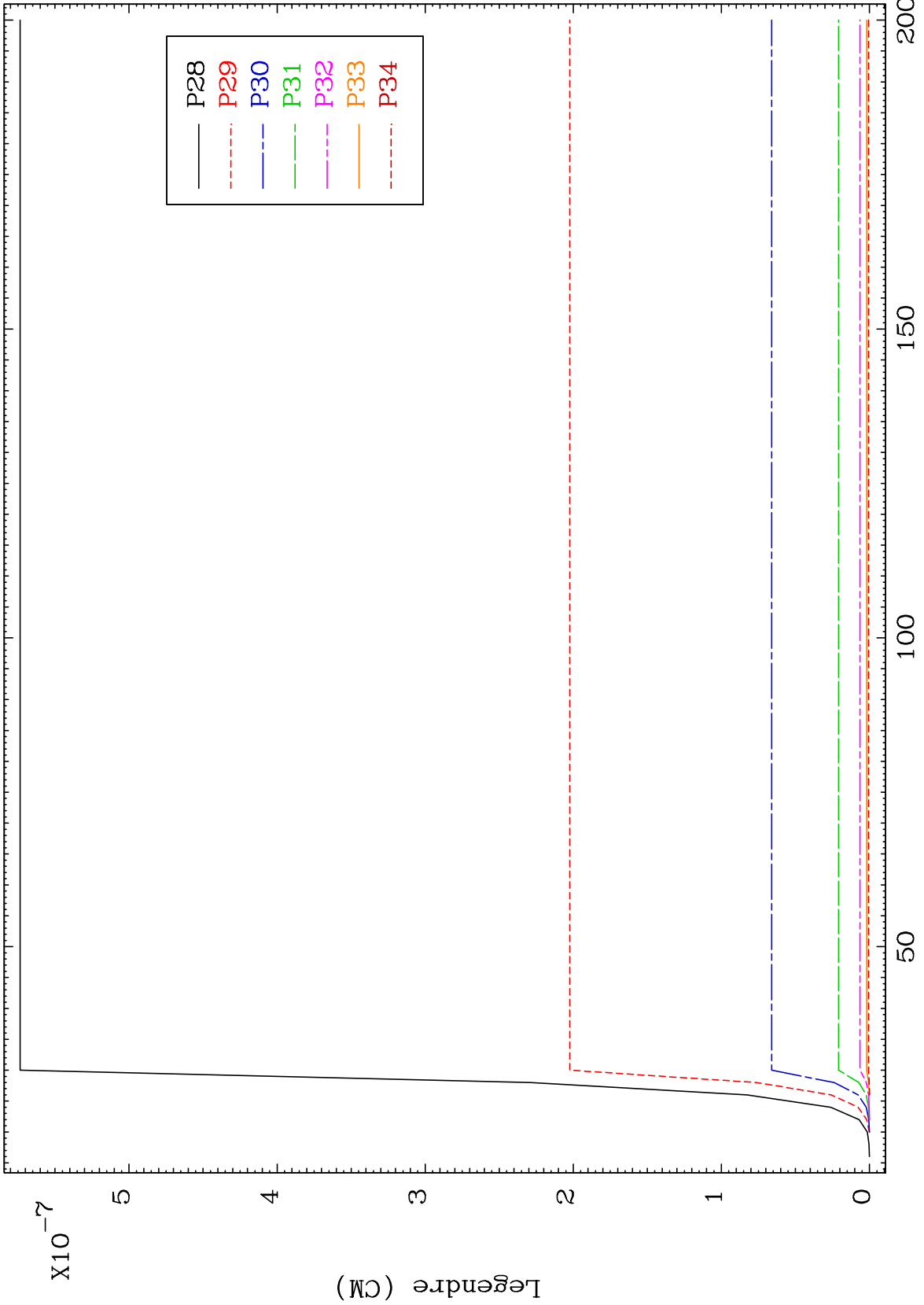
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



111

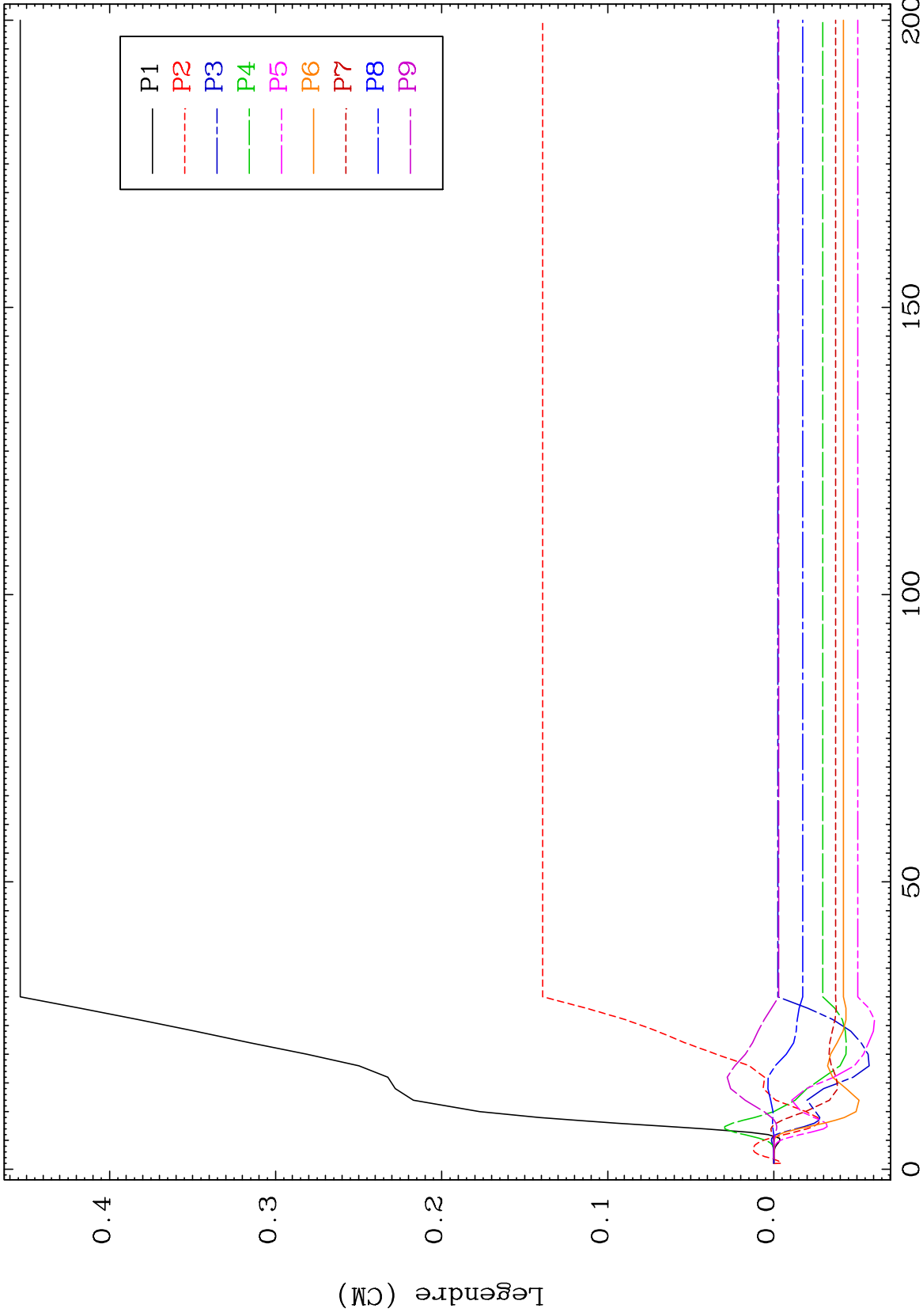
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



112

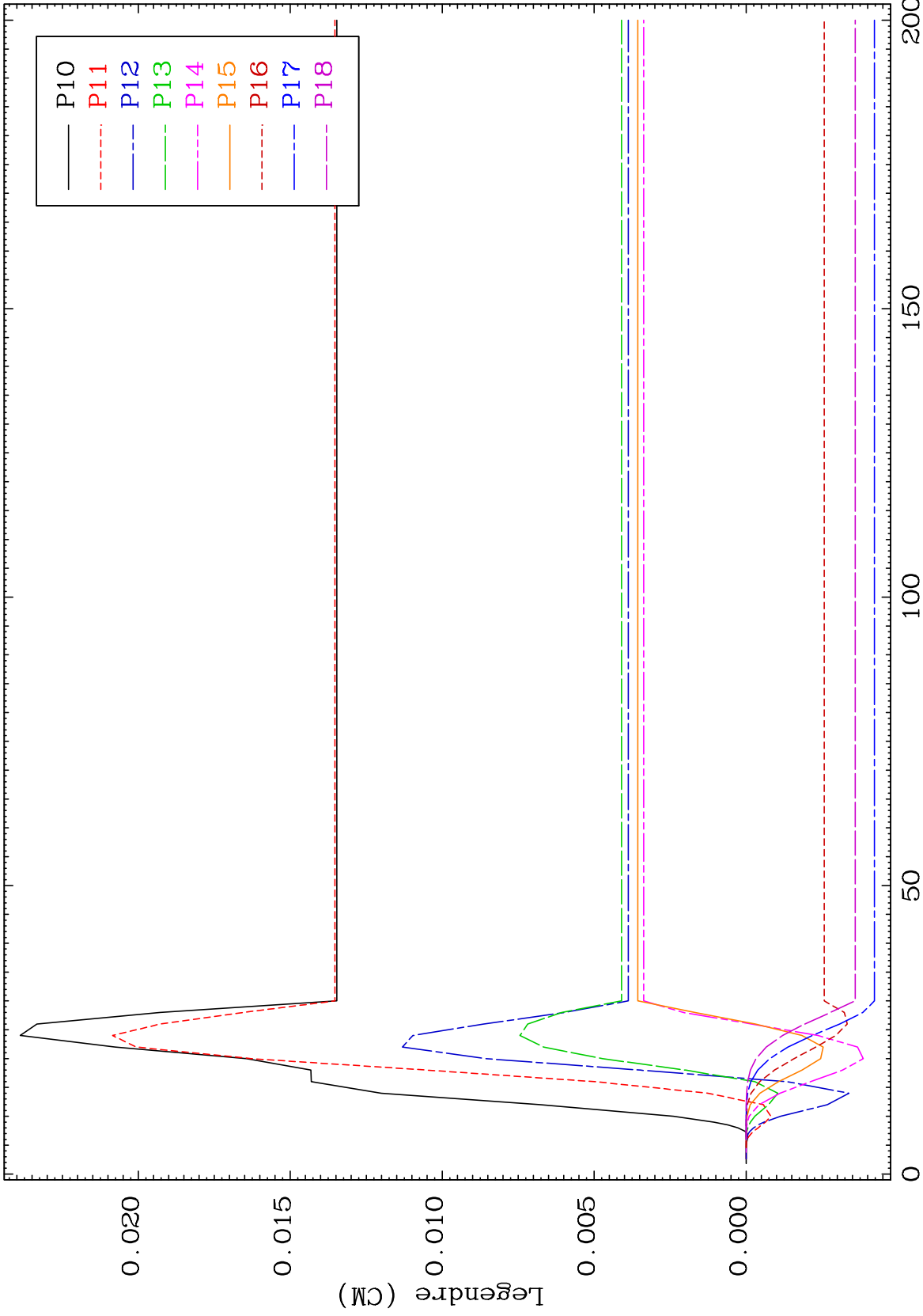
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



113

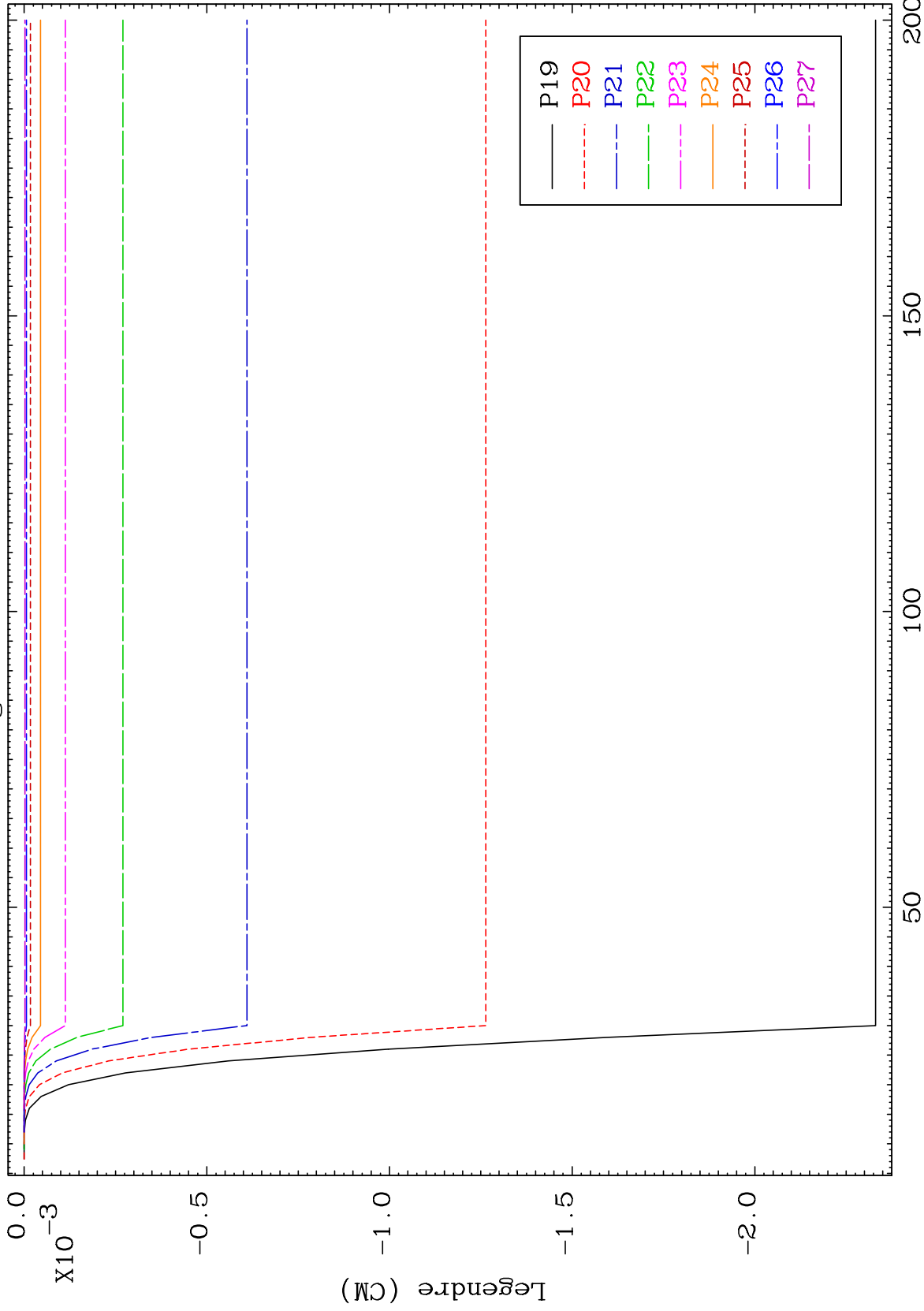
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

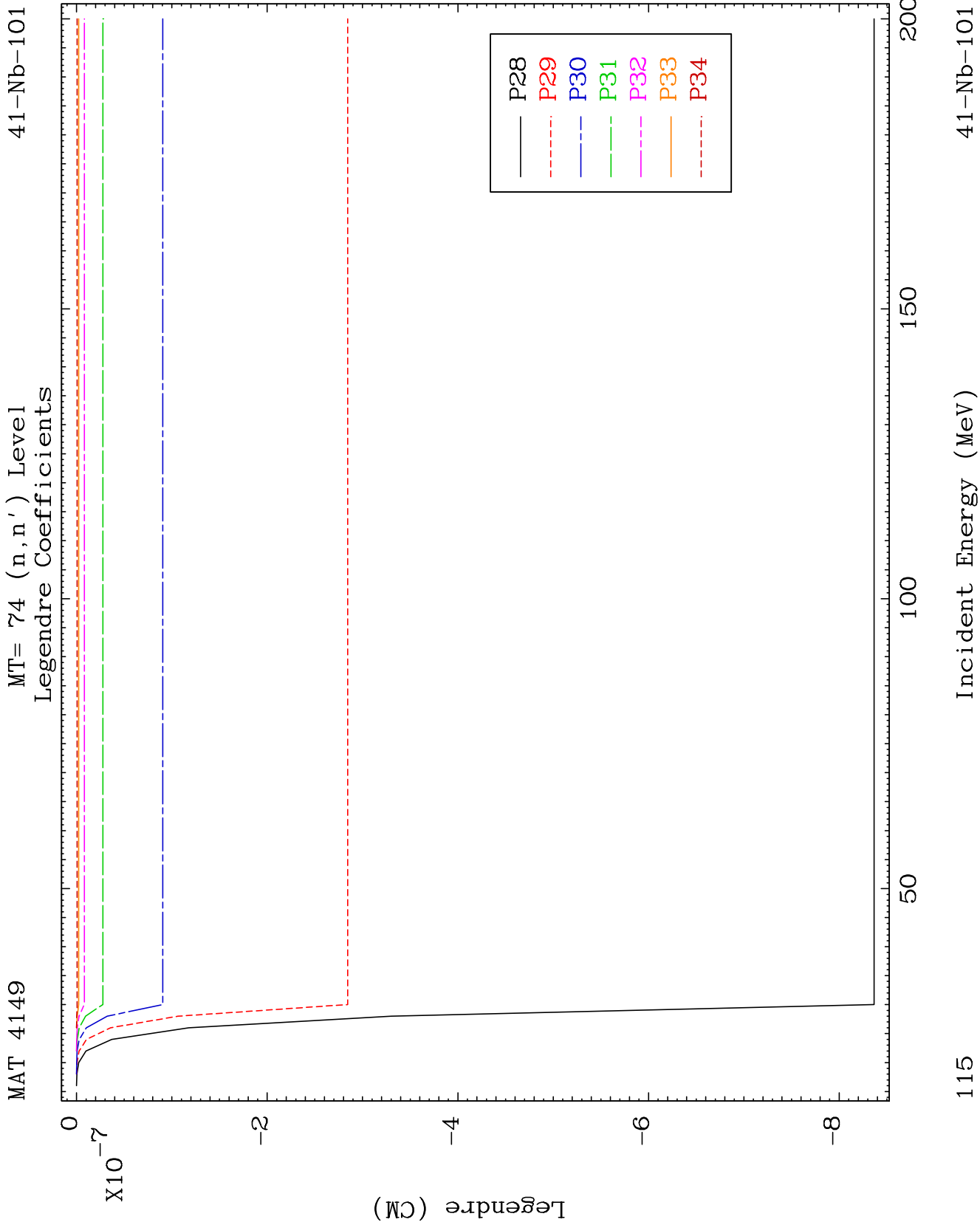
41-Nb-101



41-Nb-101

Incident Energy (MeV)

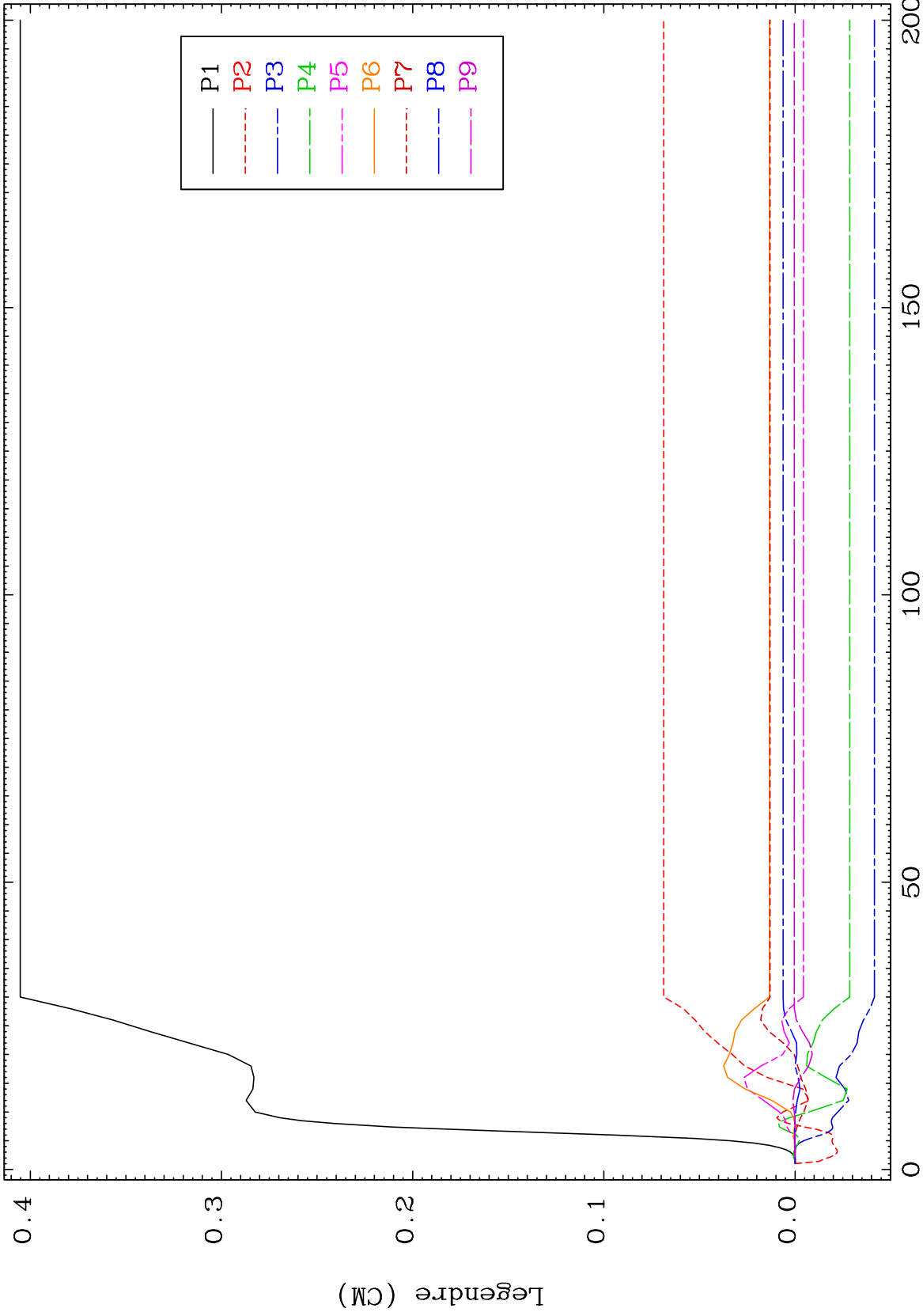
114



MAT 4149

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

41-Nb-101



116

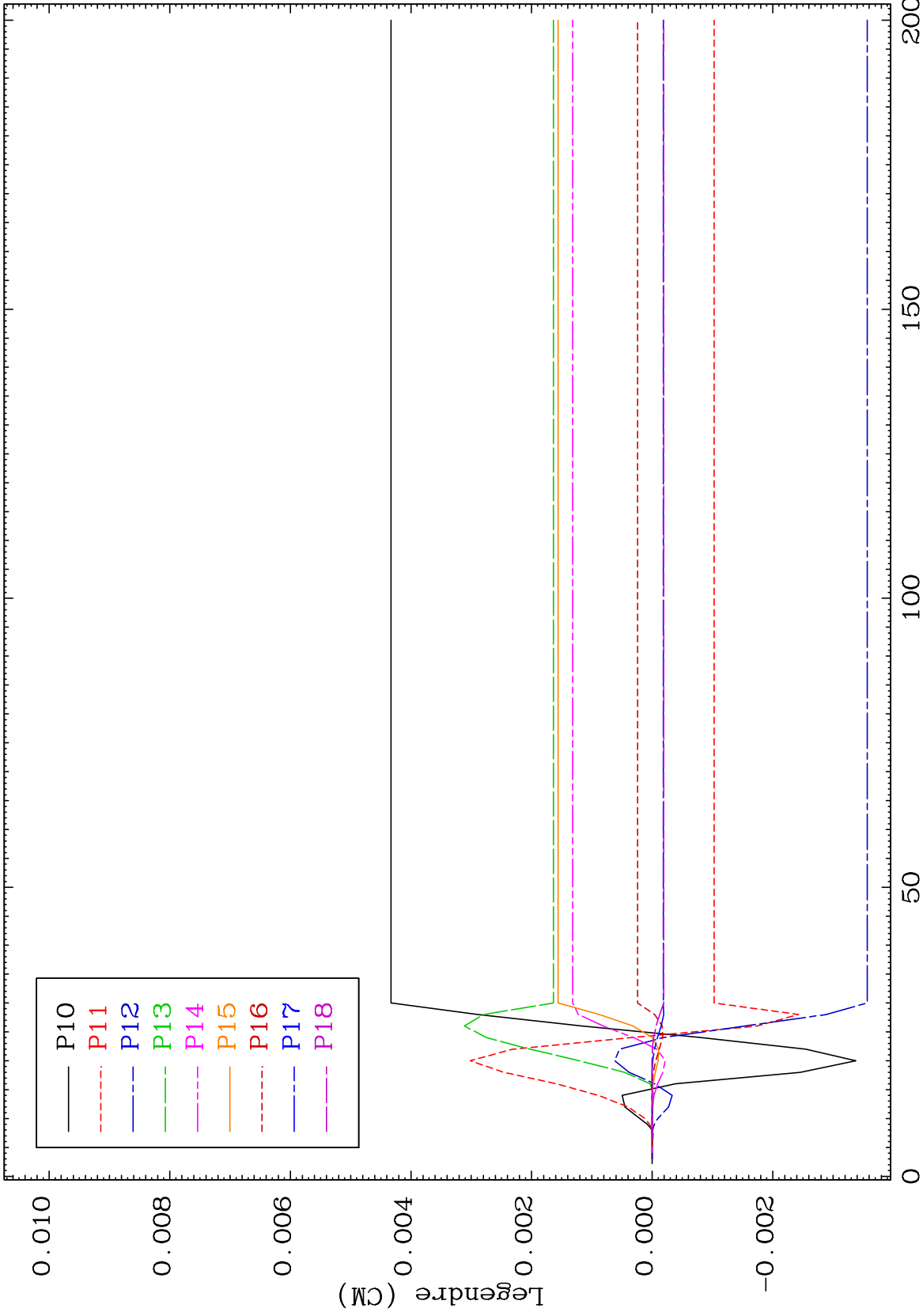
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



117

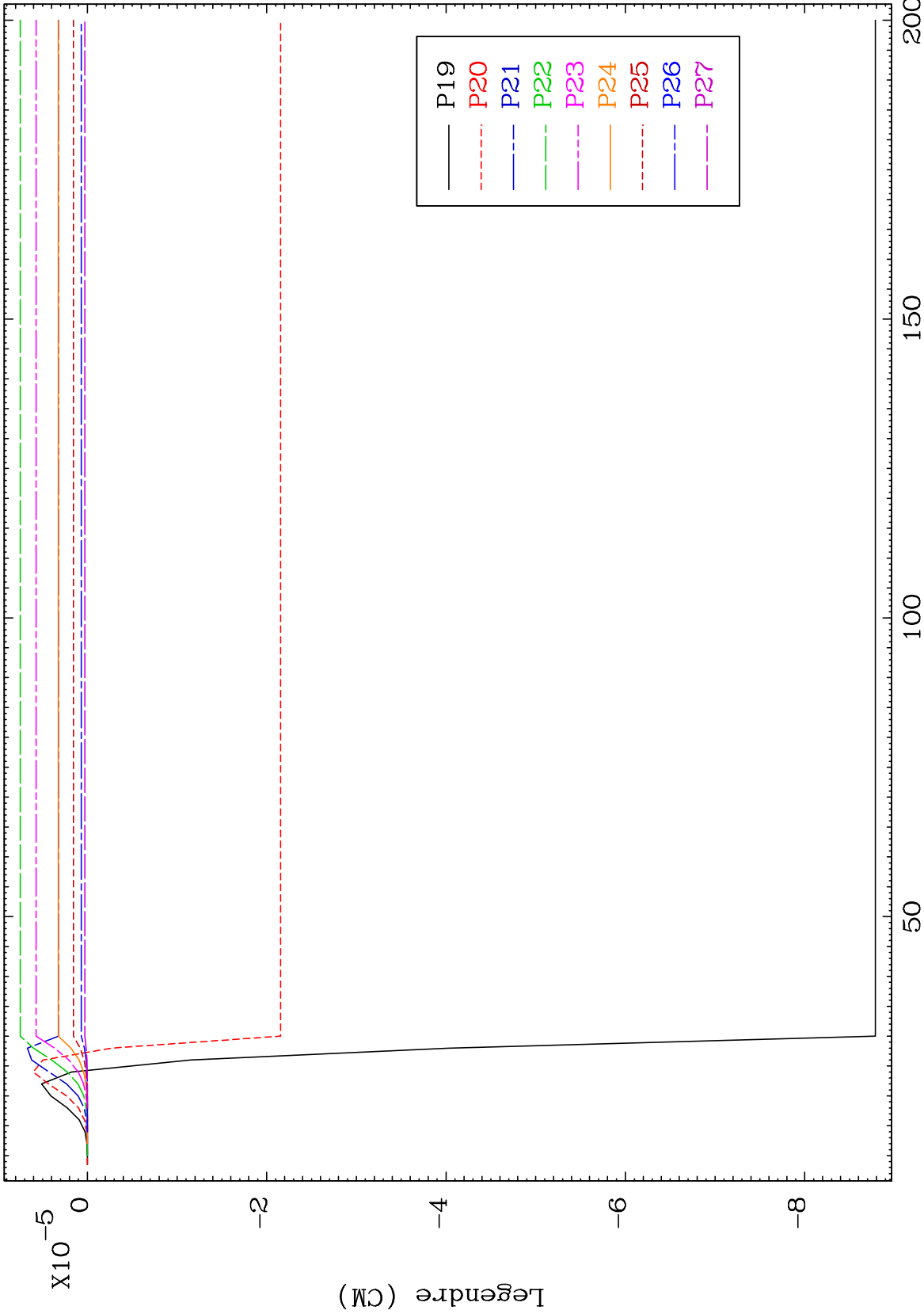
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



118

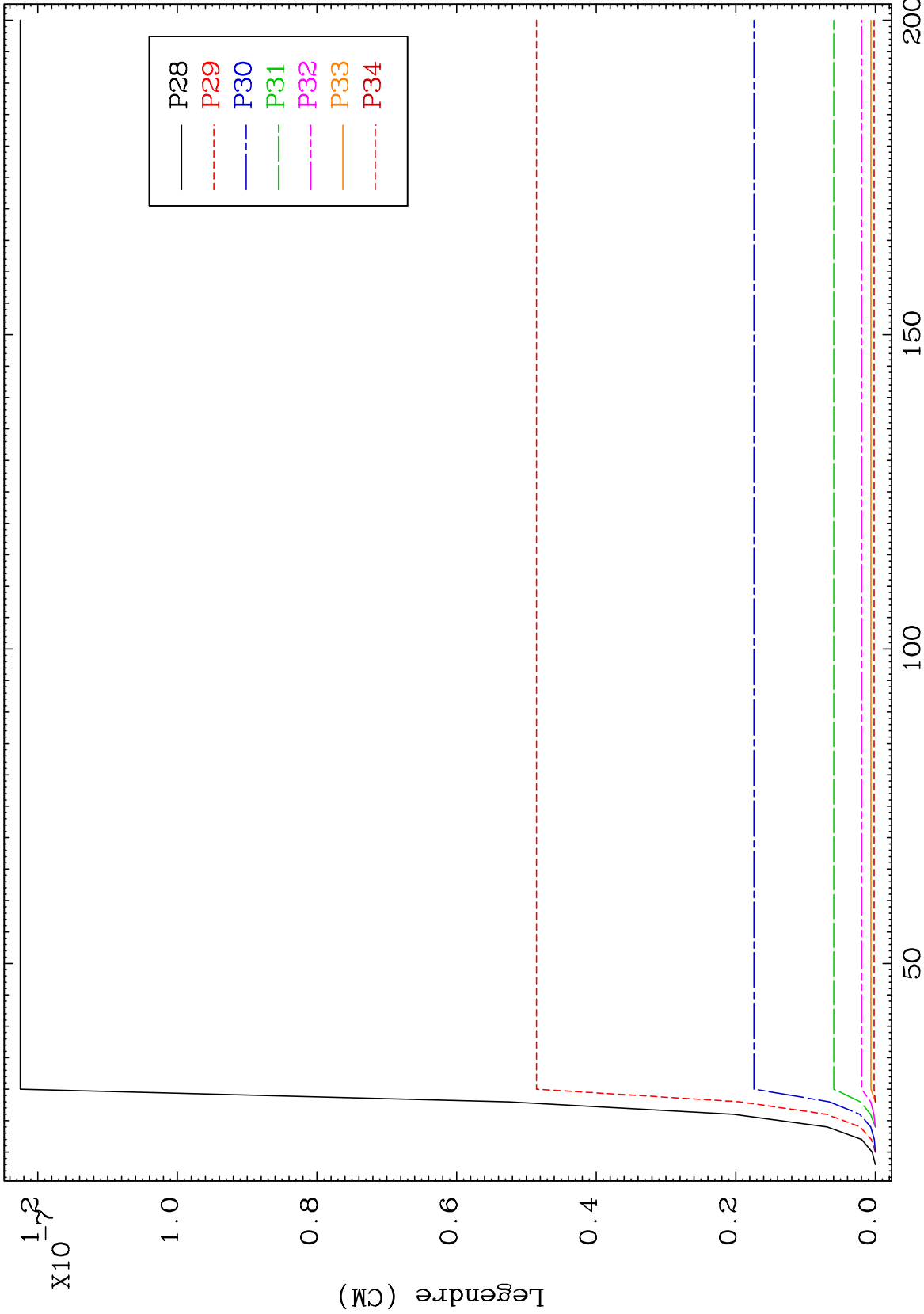
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



119

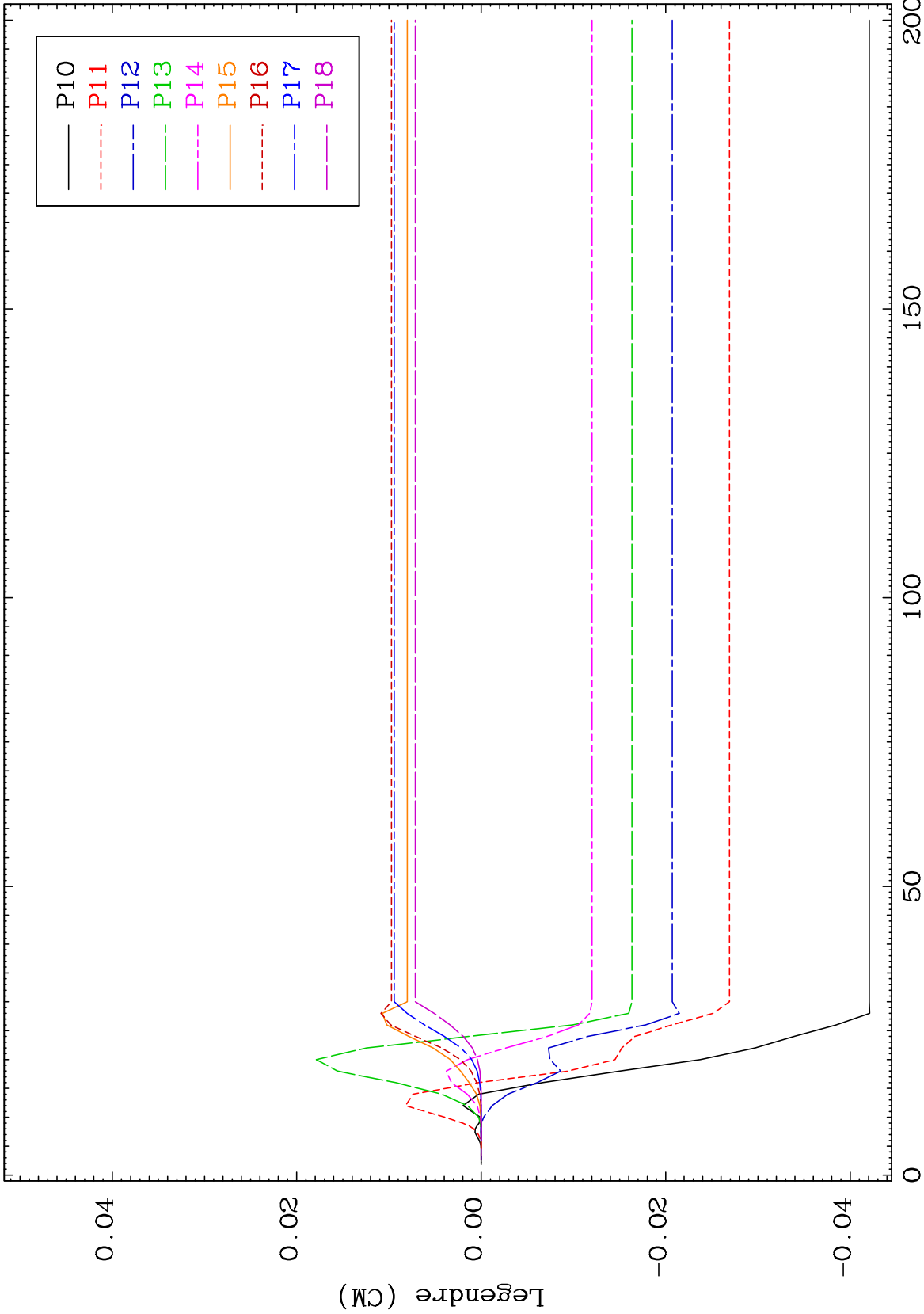
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



121

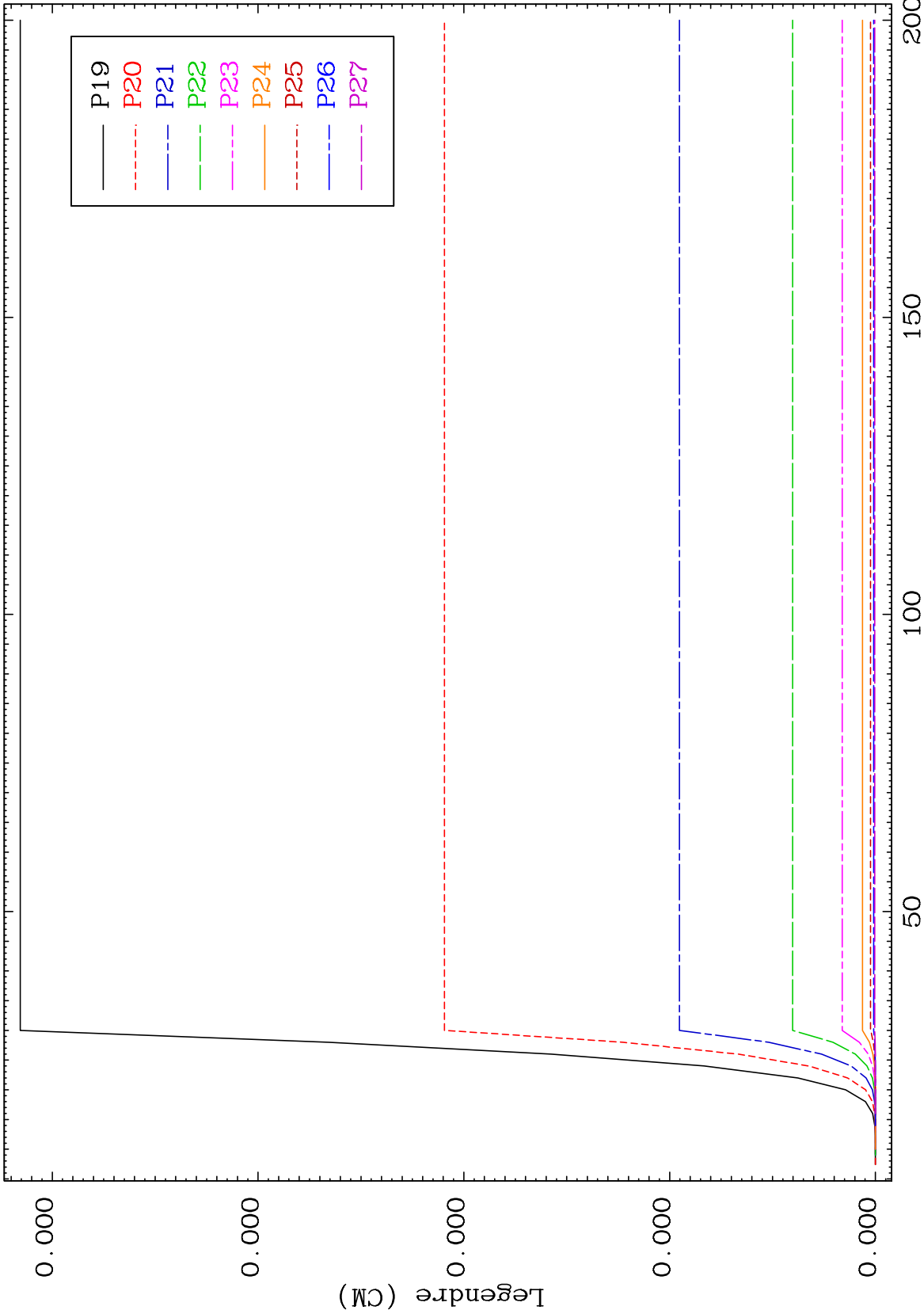
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



122

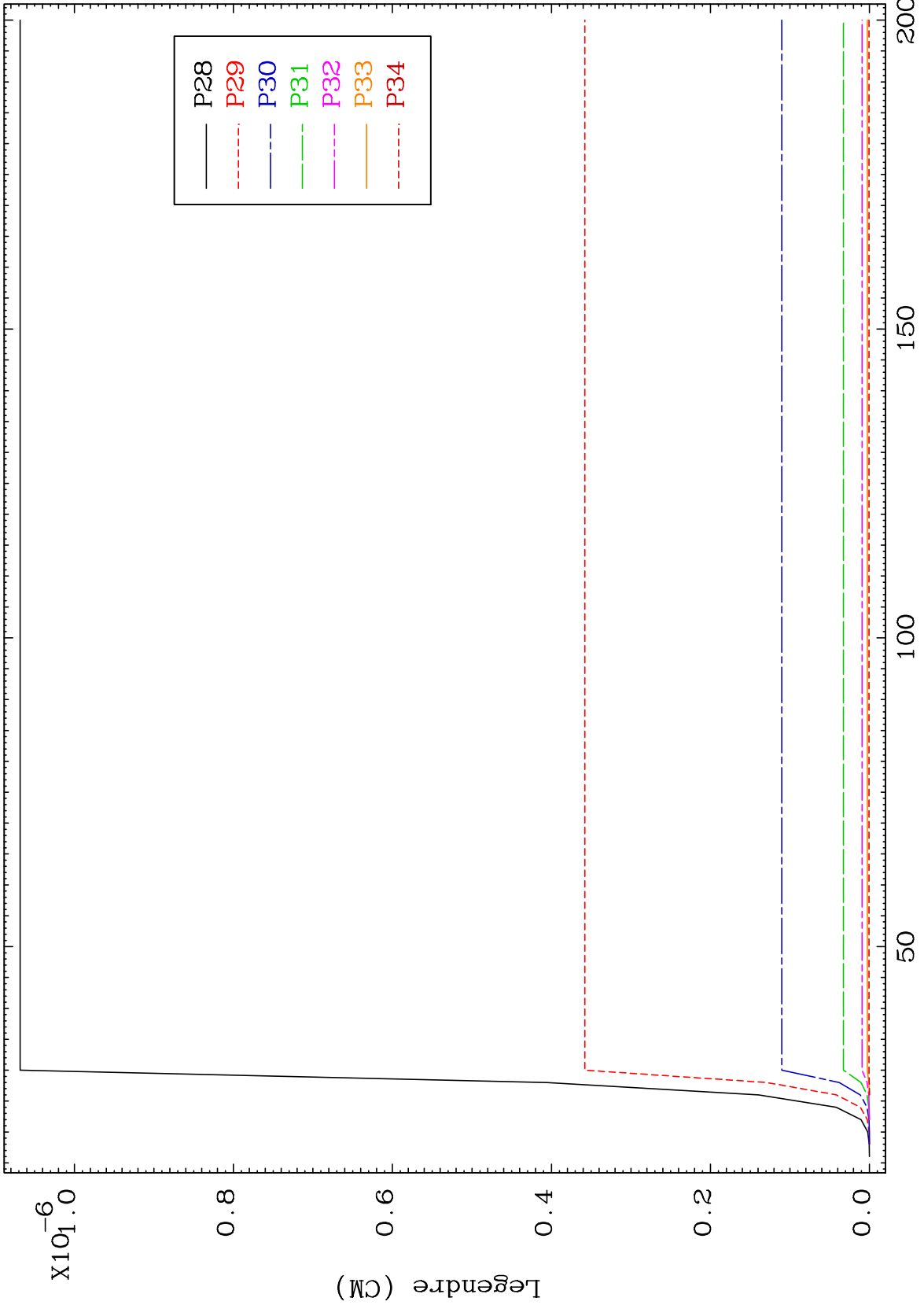
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



123

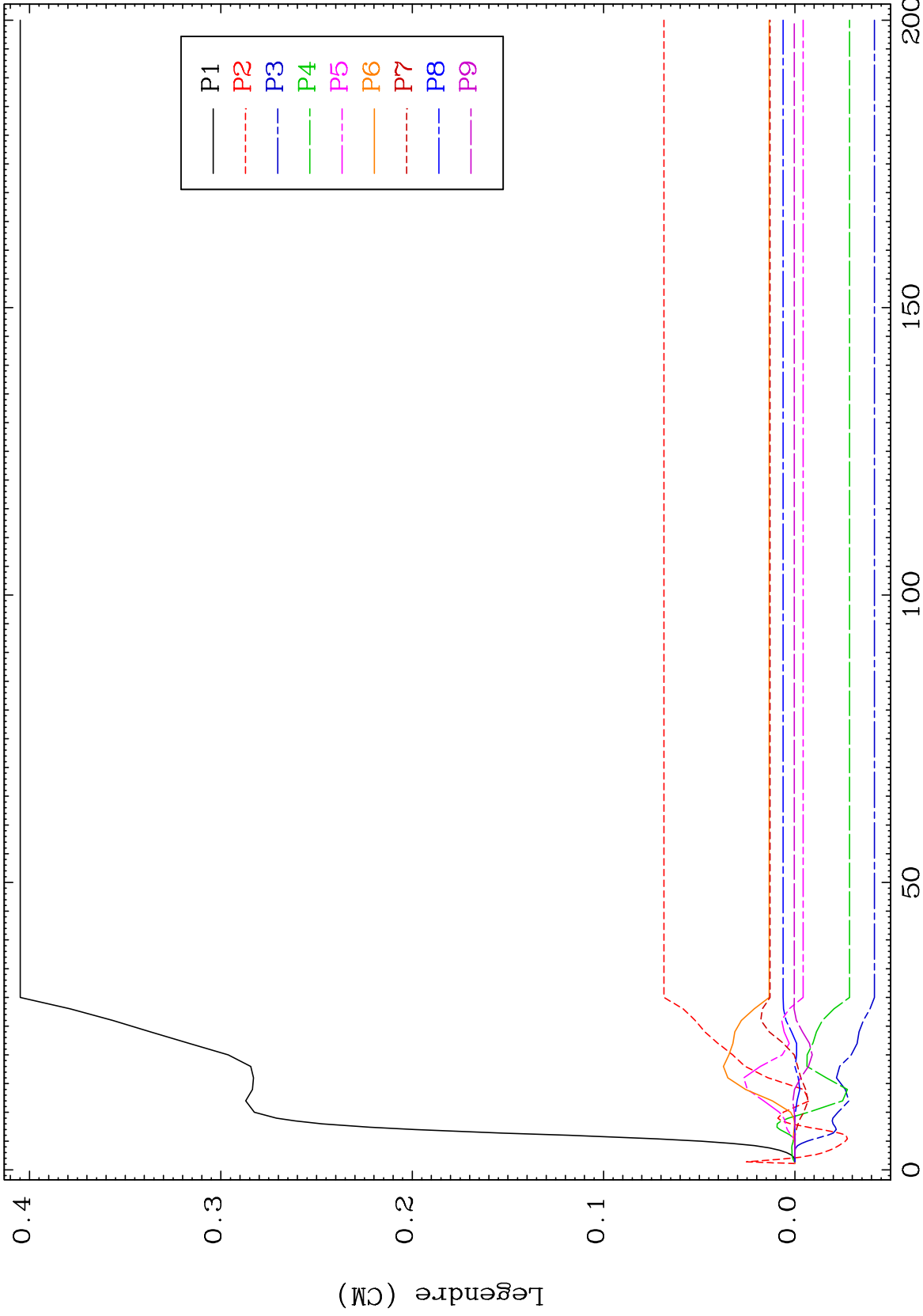
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



41-Nb-101

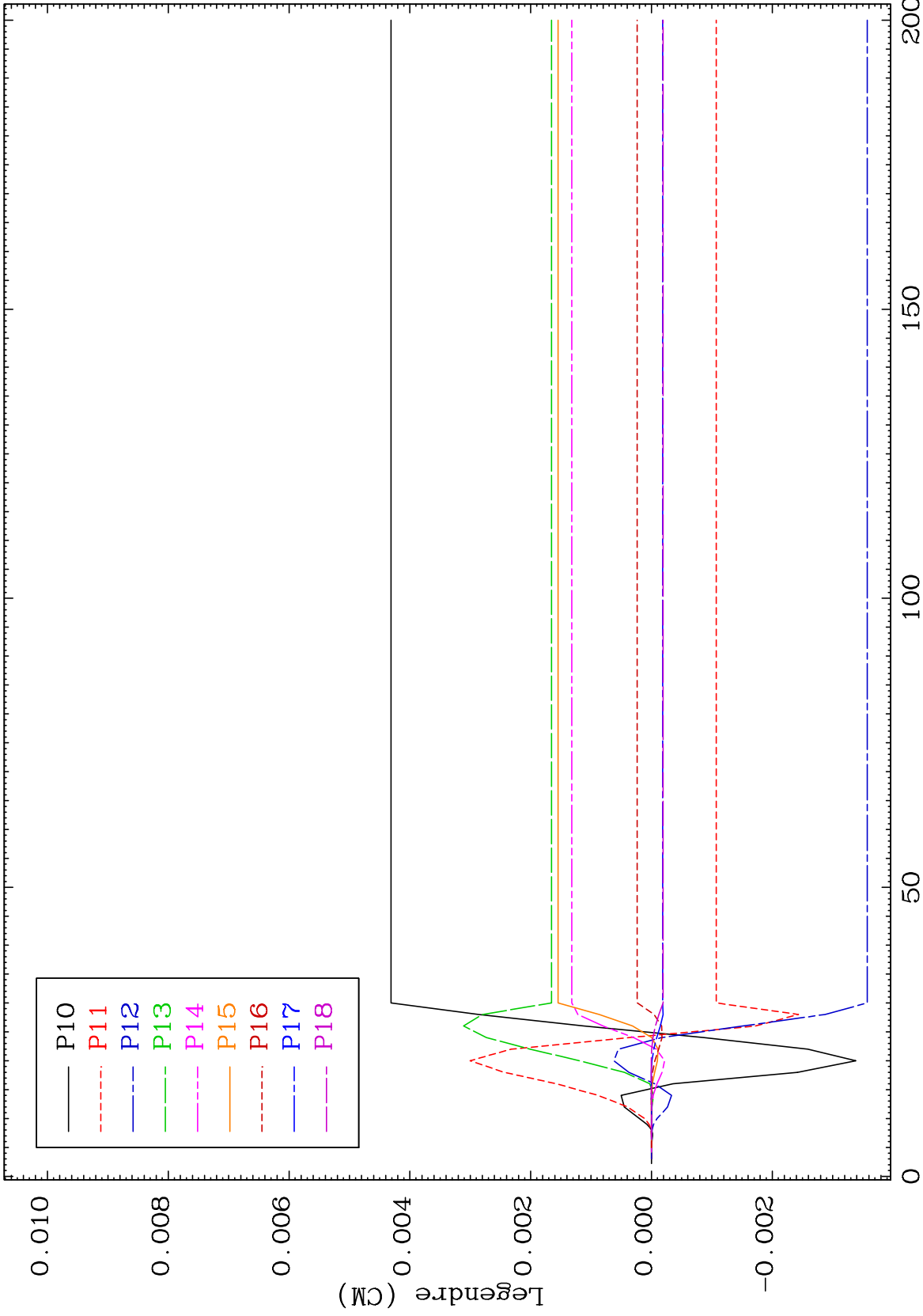
Incident Energy (MeV)

124

MAT 4149

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

41-Nb-101



125

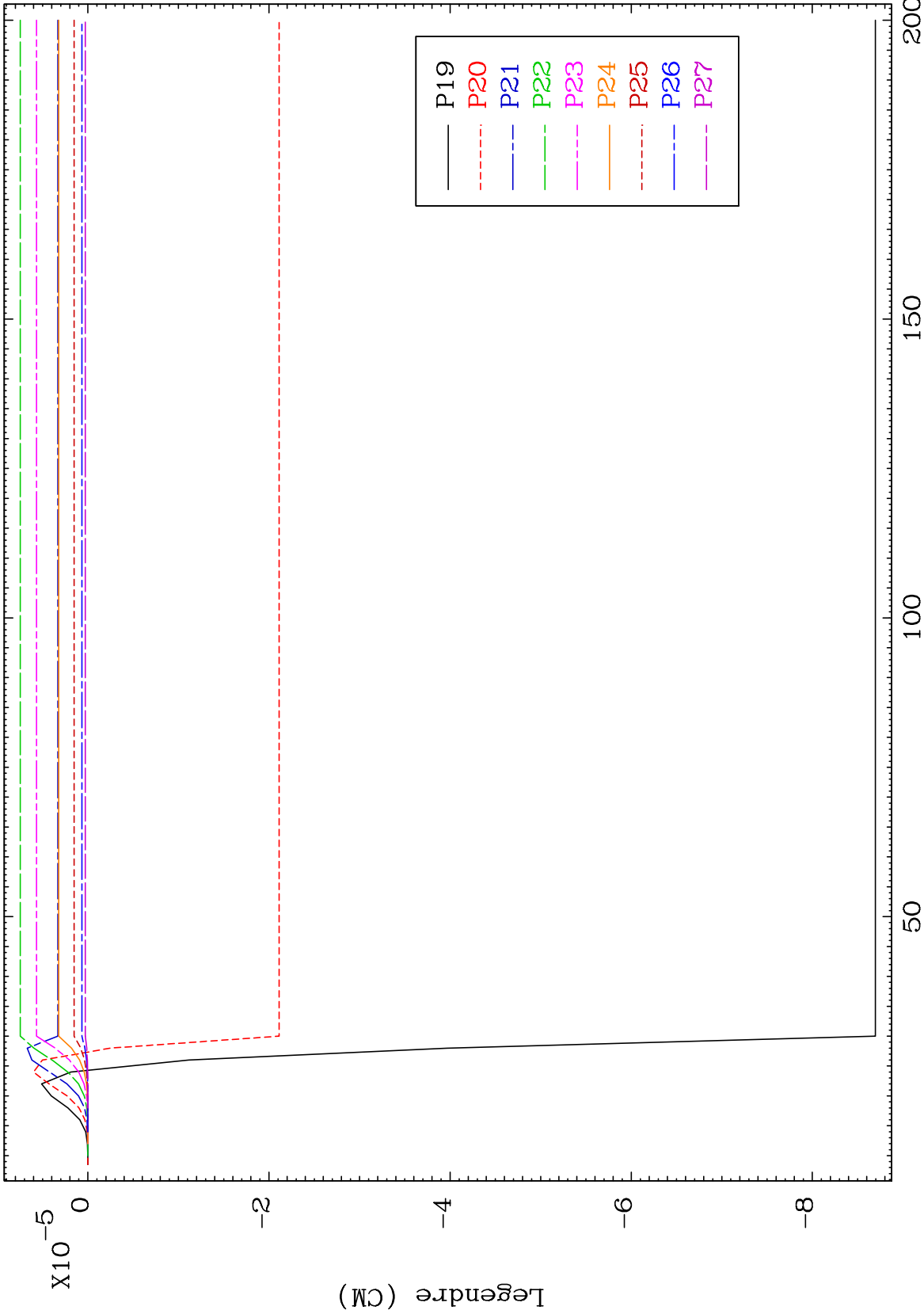
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



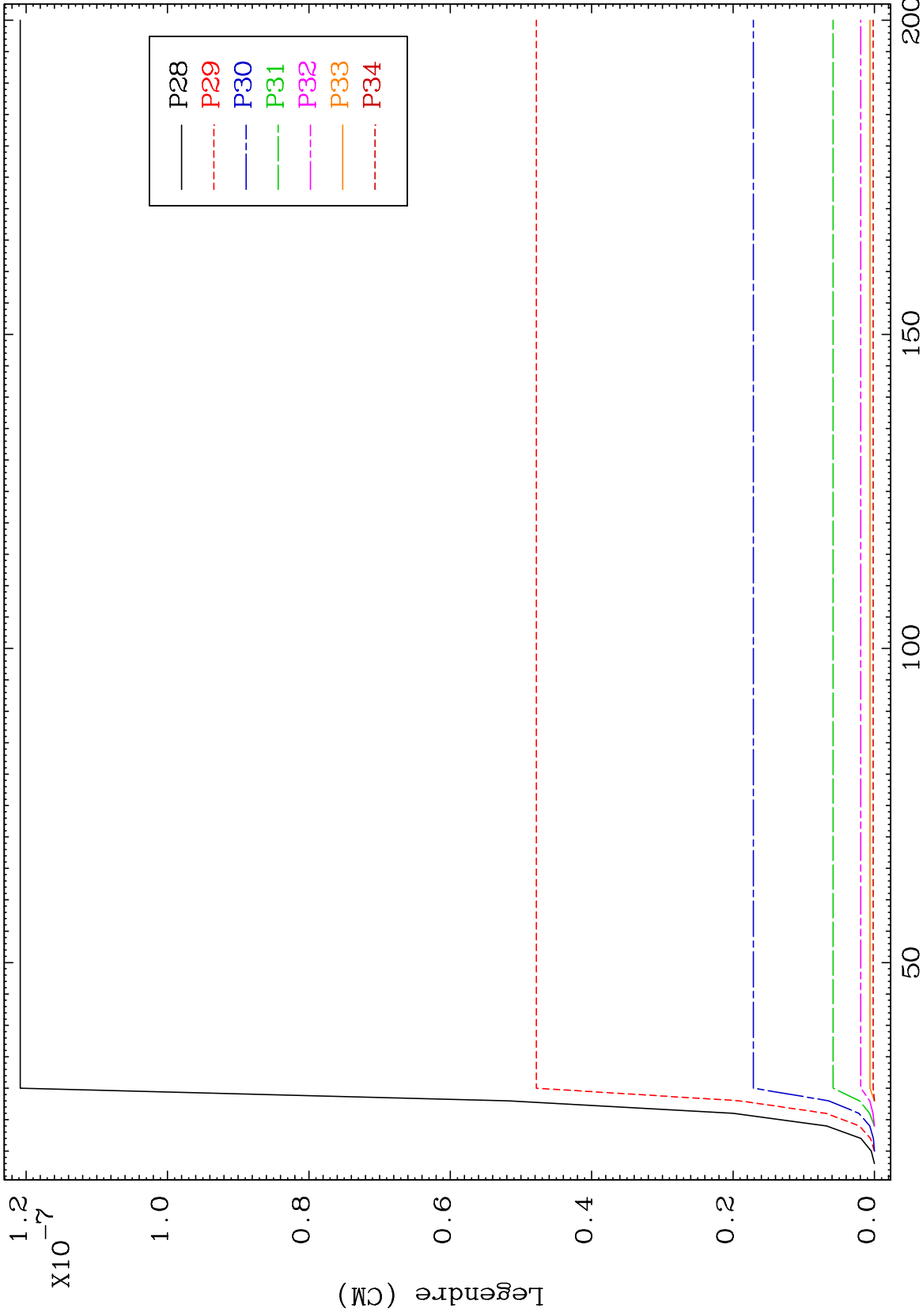
126

41-Nb-101

MAT 4149

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

41-Nb-101



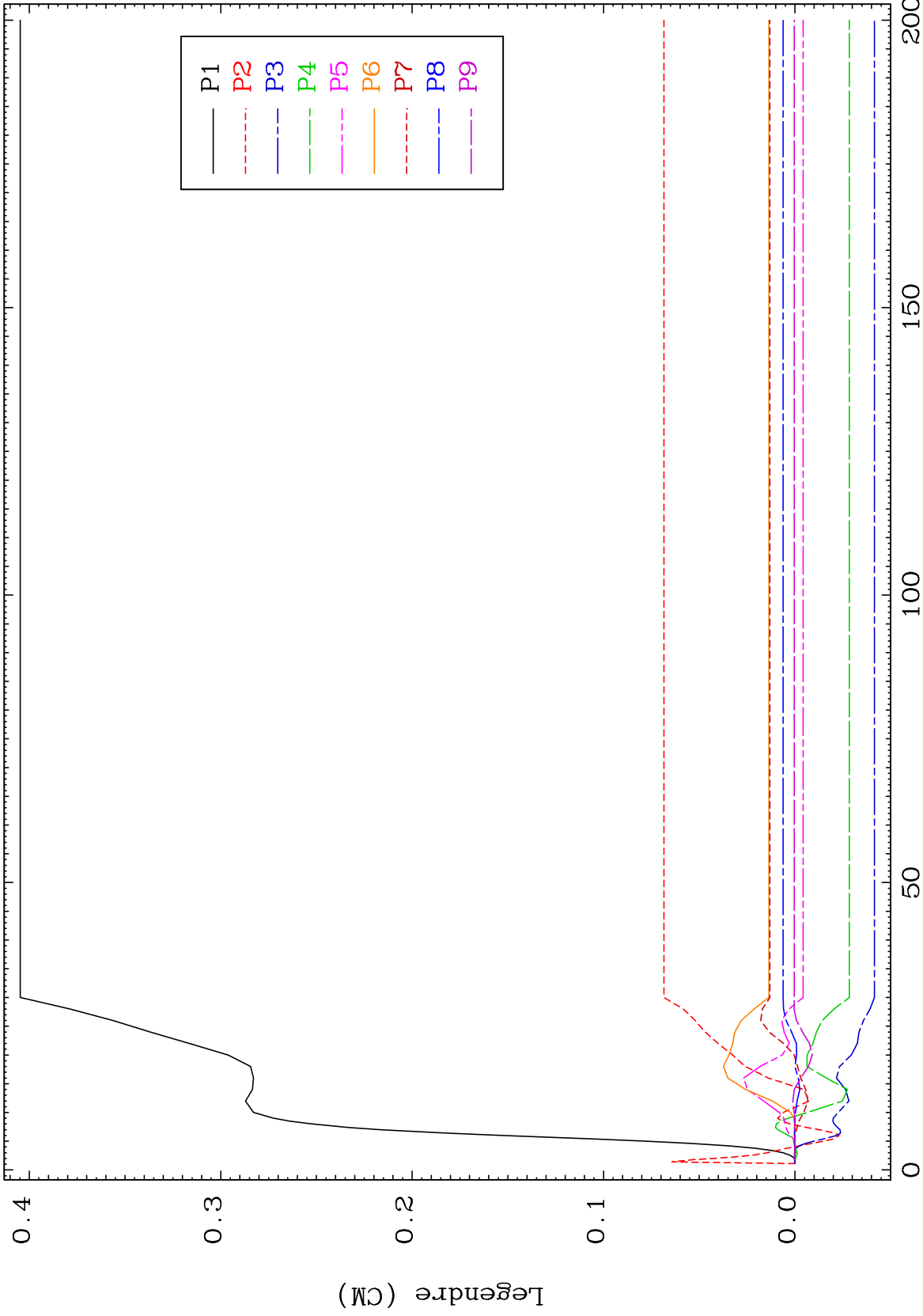
127

41-Nb-101

MAT 4149

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

41-Nb-101



128

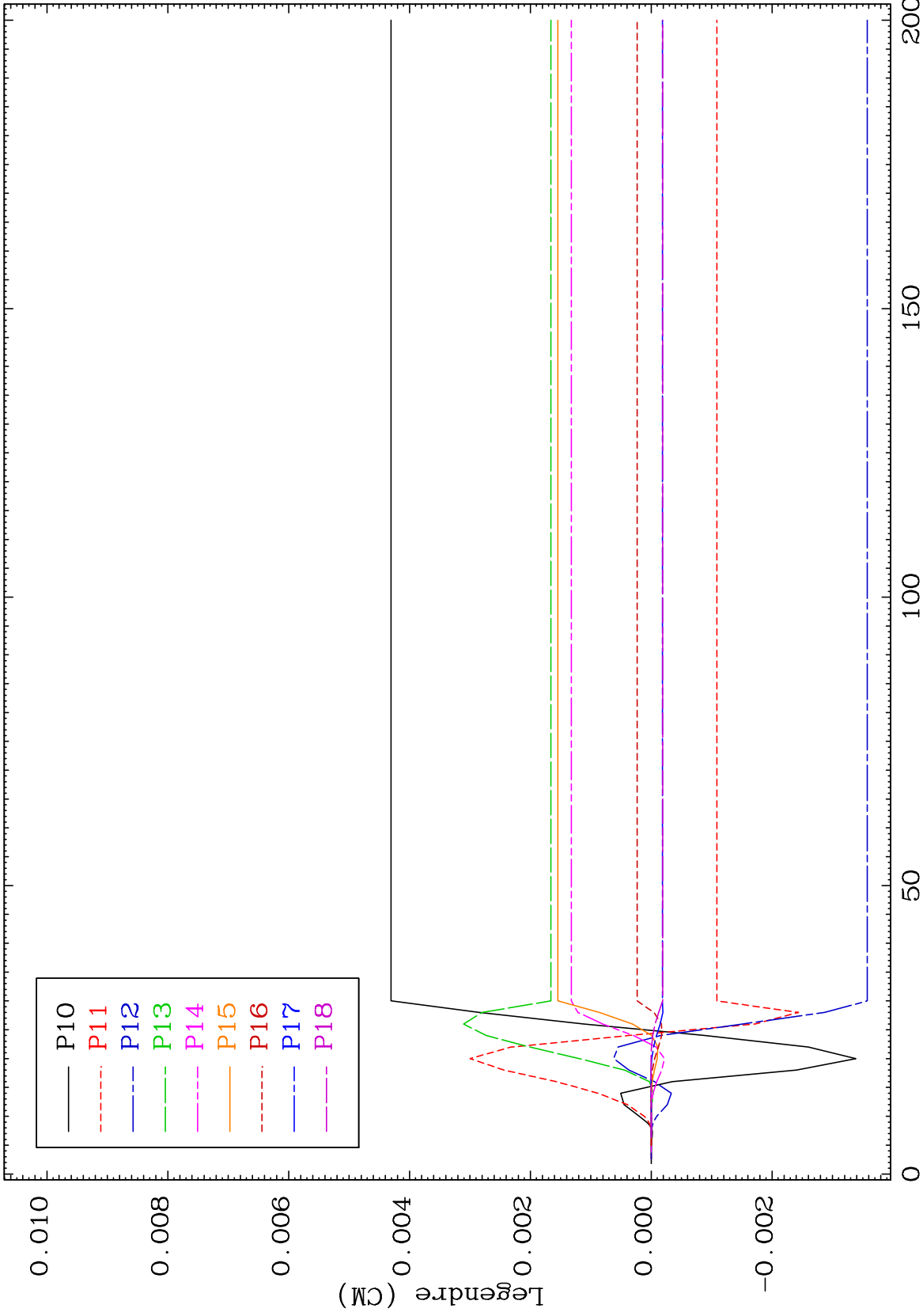
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



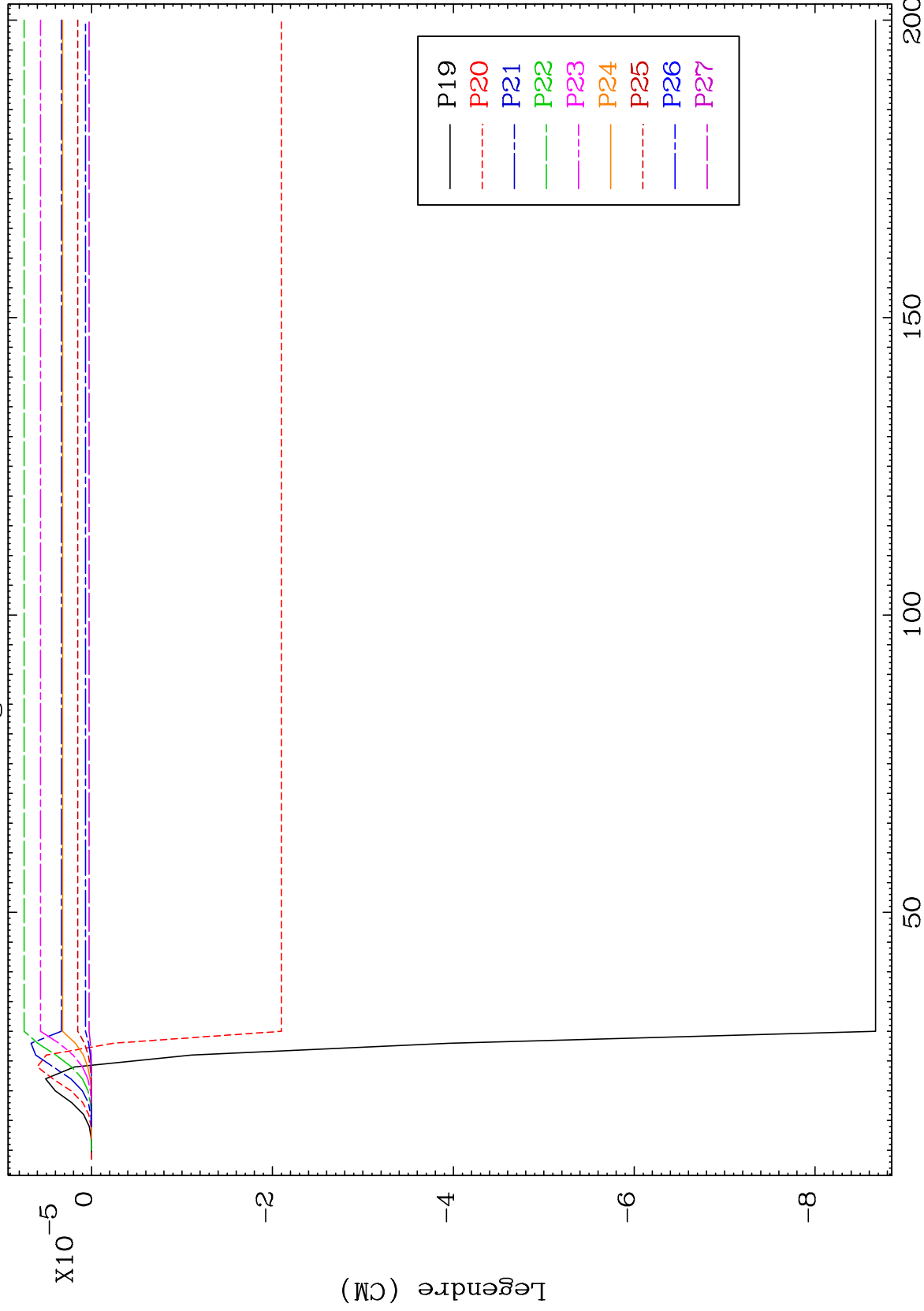
129

41-Nb-101

MAT 4149

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

41-Nb-101



130

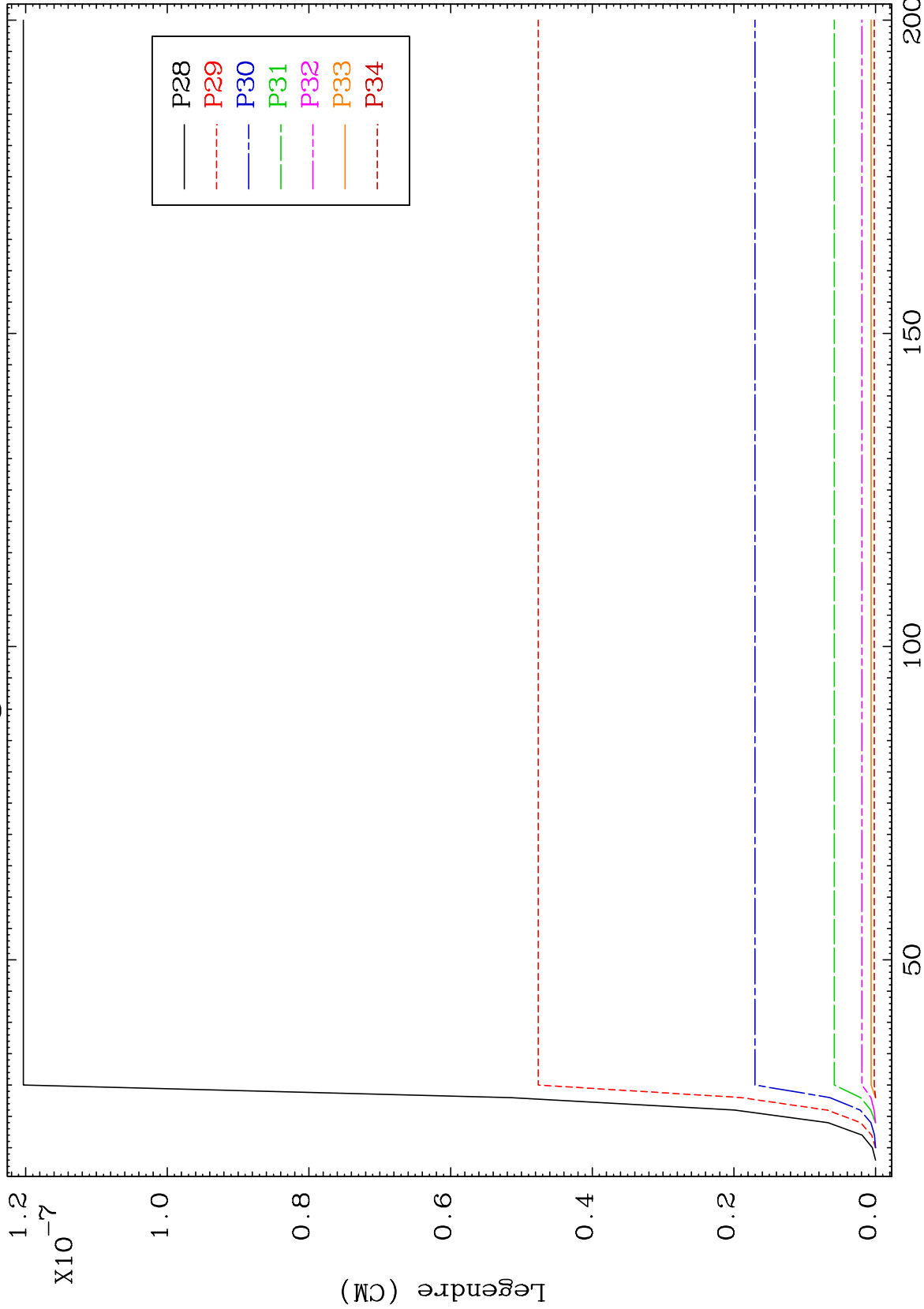
Incident Energy (MeV)

41-Nb-101

MAT 4149

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

41-Nb-101



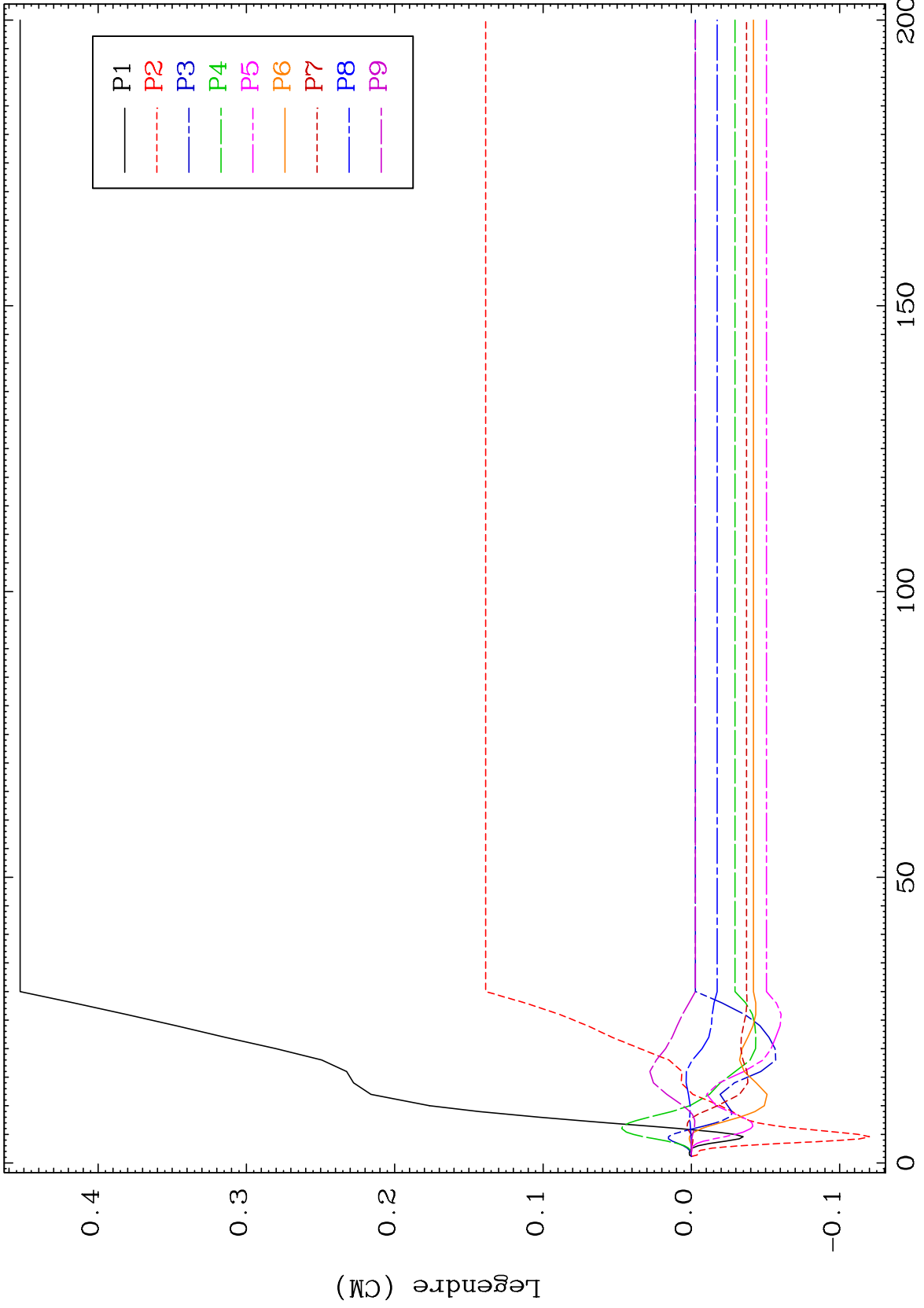
131

41-Nb-101

MAT 4149

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

41-Nb-101



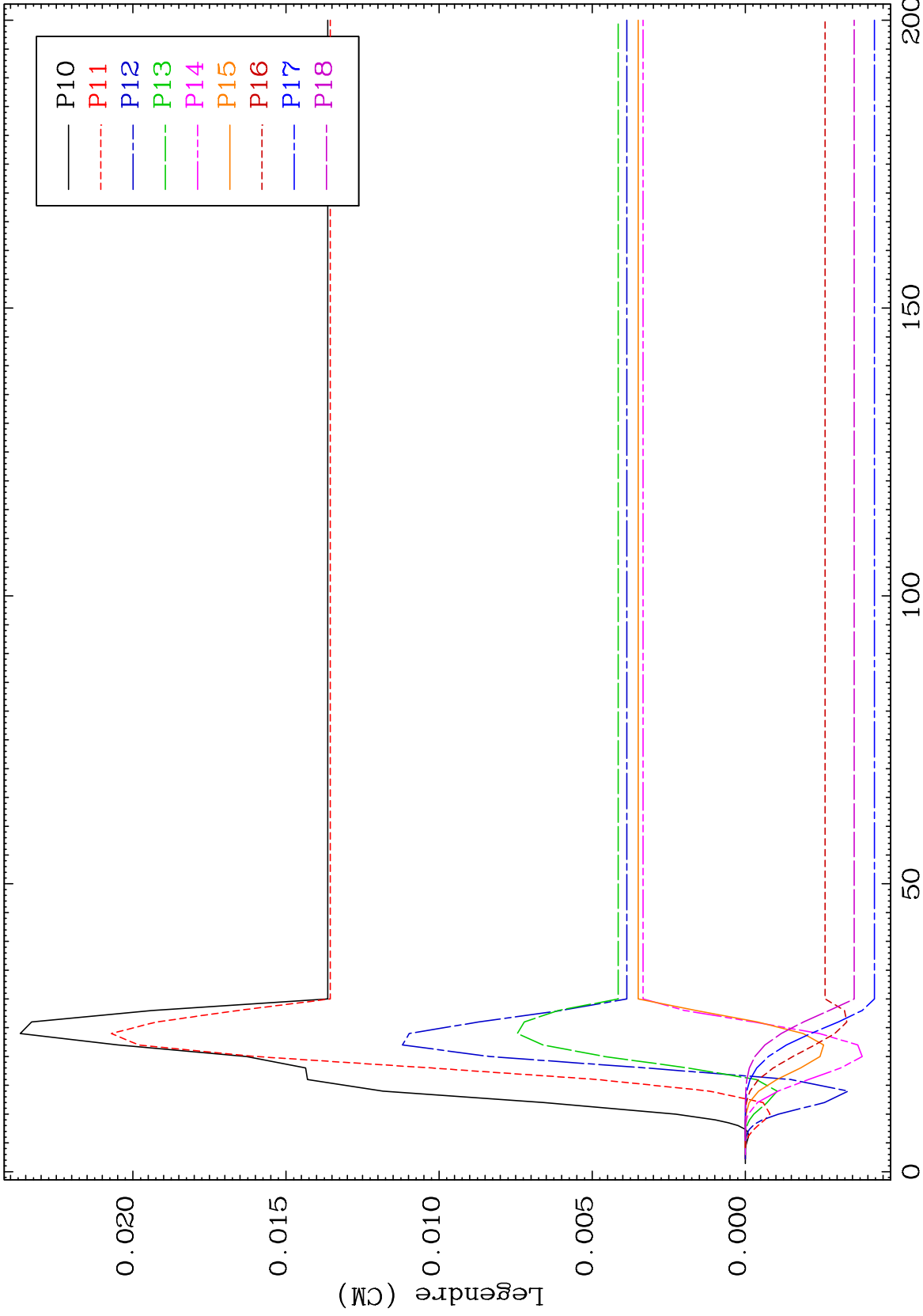
132

41-Nb-101

MAT 4149

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

41-Nb-101

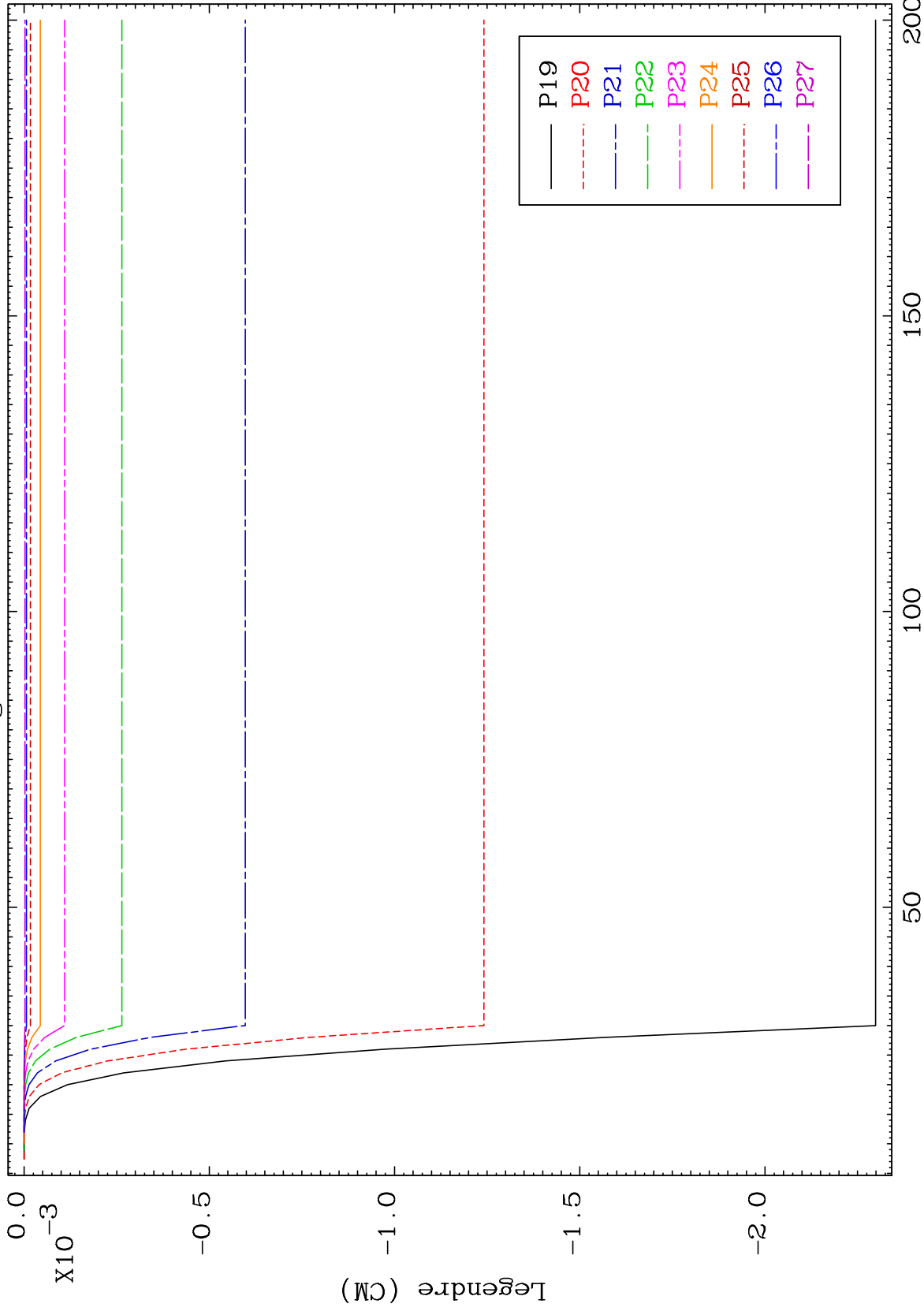


133

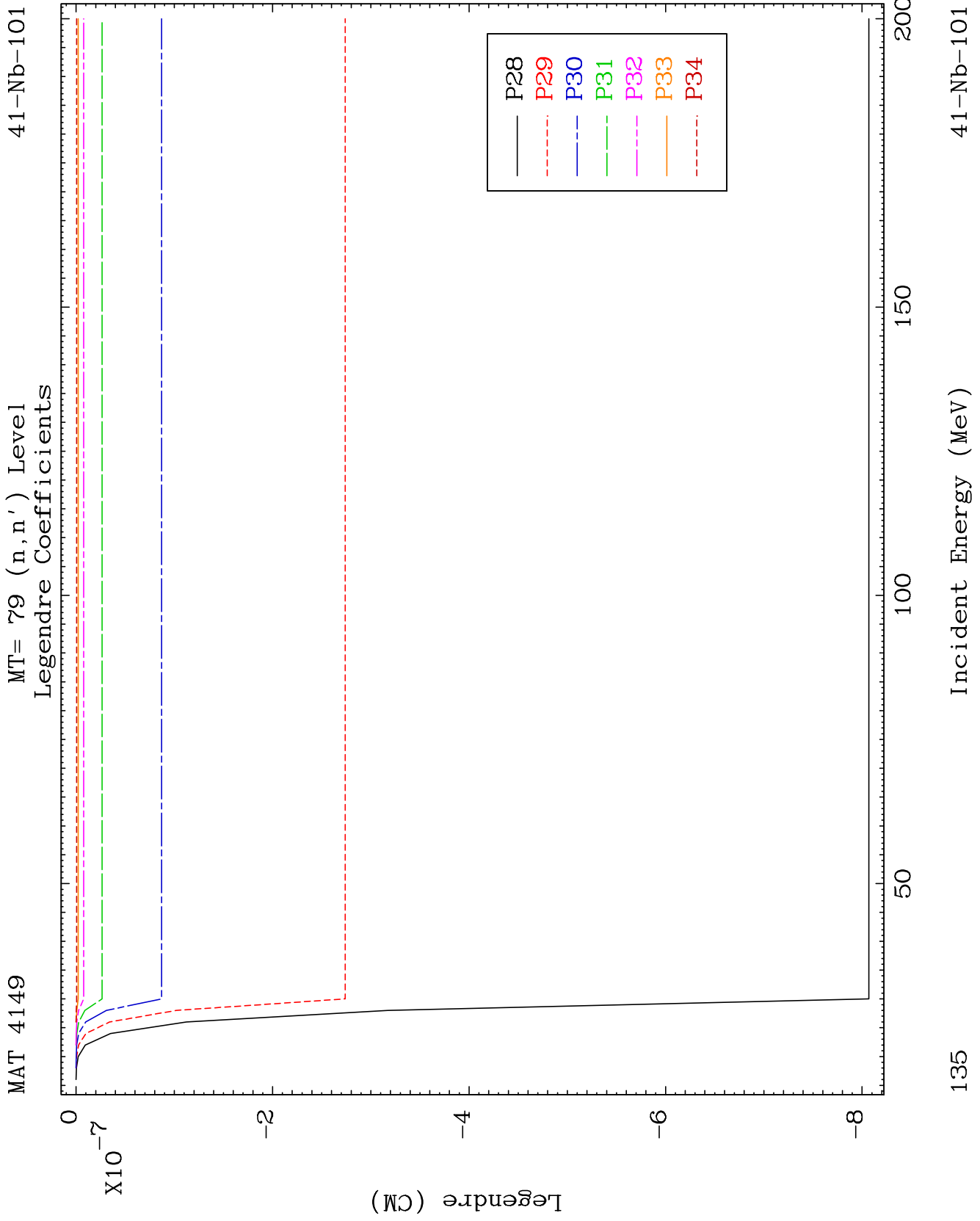
Incident Energy (MeV)

41-Nb-101

MAT 4149 MT= 79 (n,n') Level Legendre Coefficients 41-Nb-101



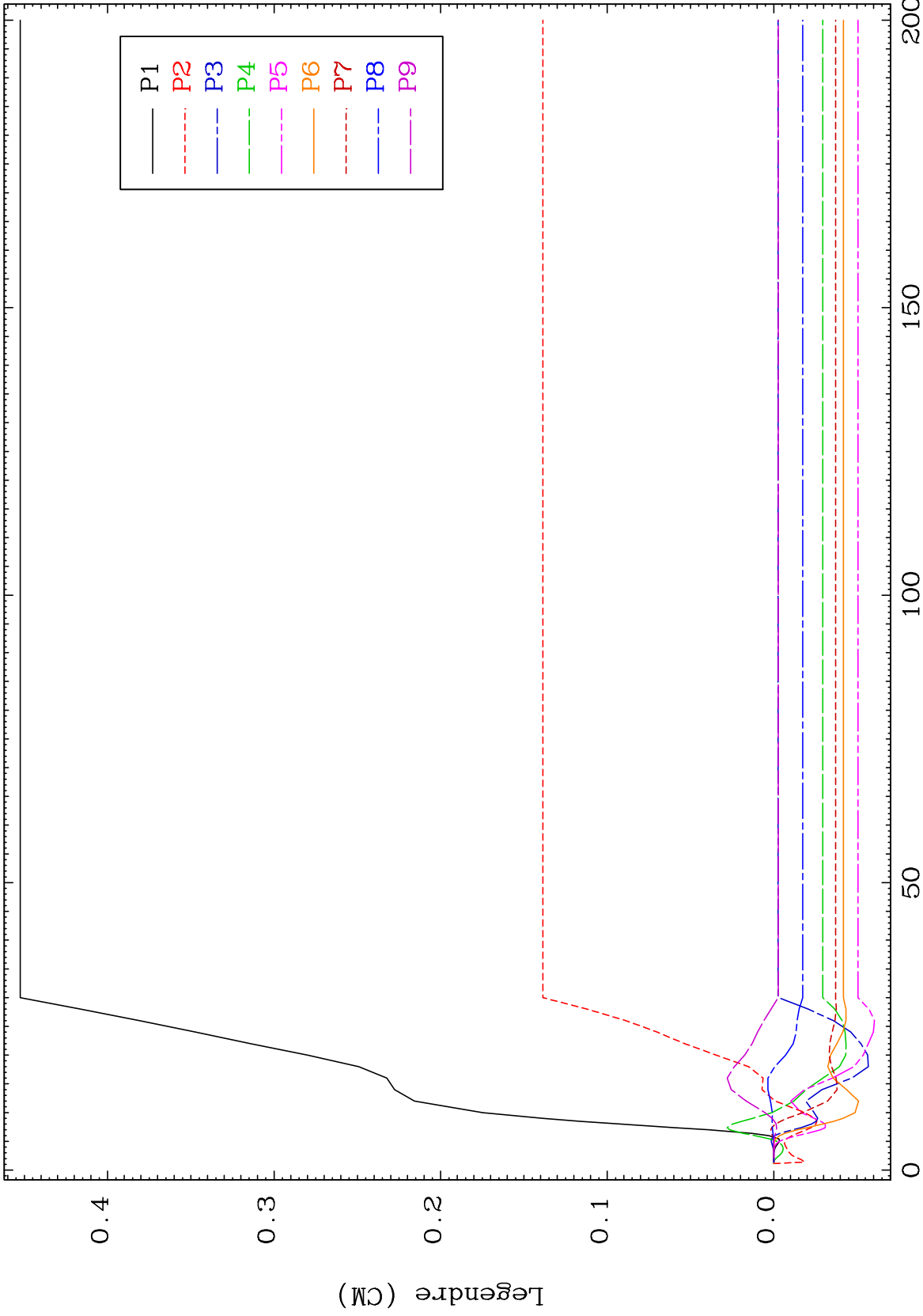
134 41-Nb-101



MAT 4149

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

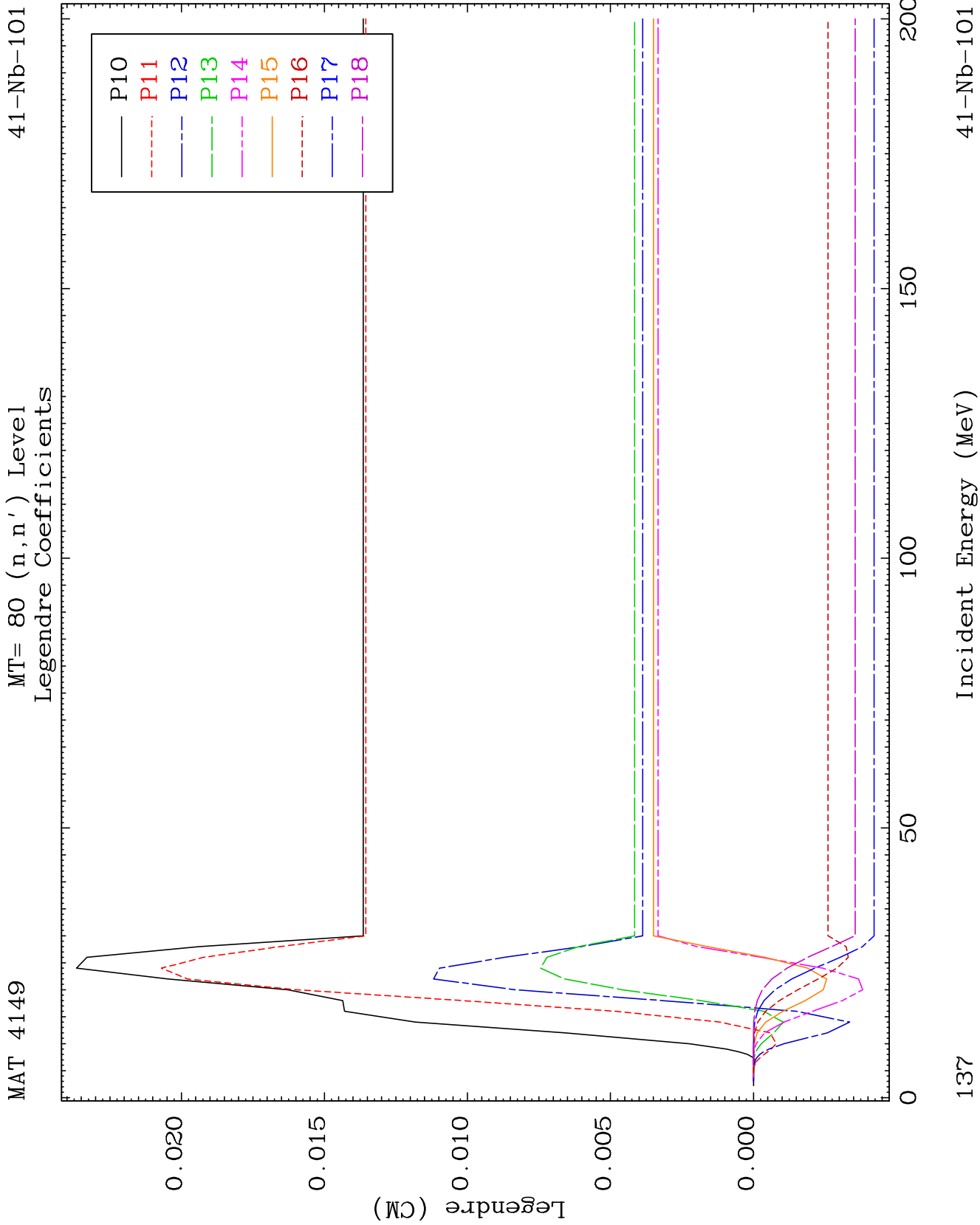
41-Nb-101

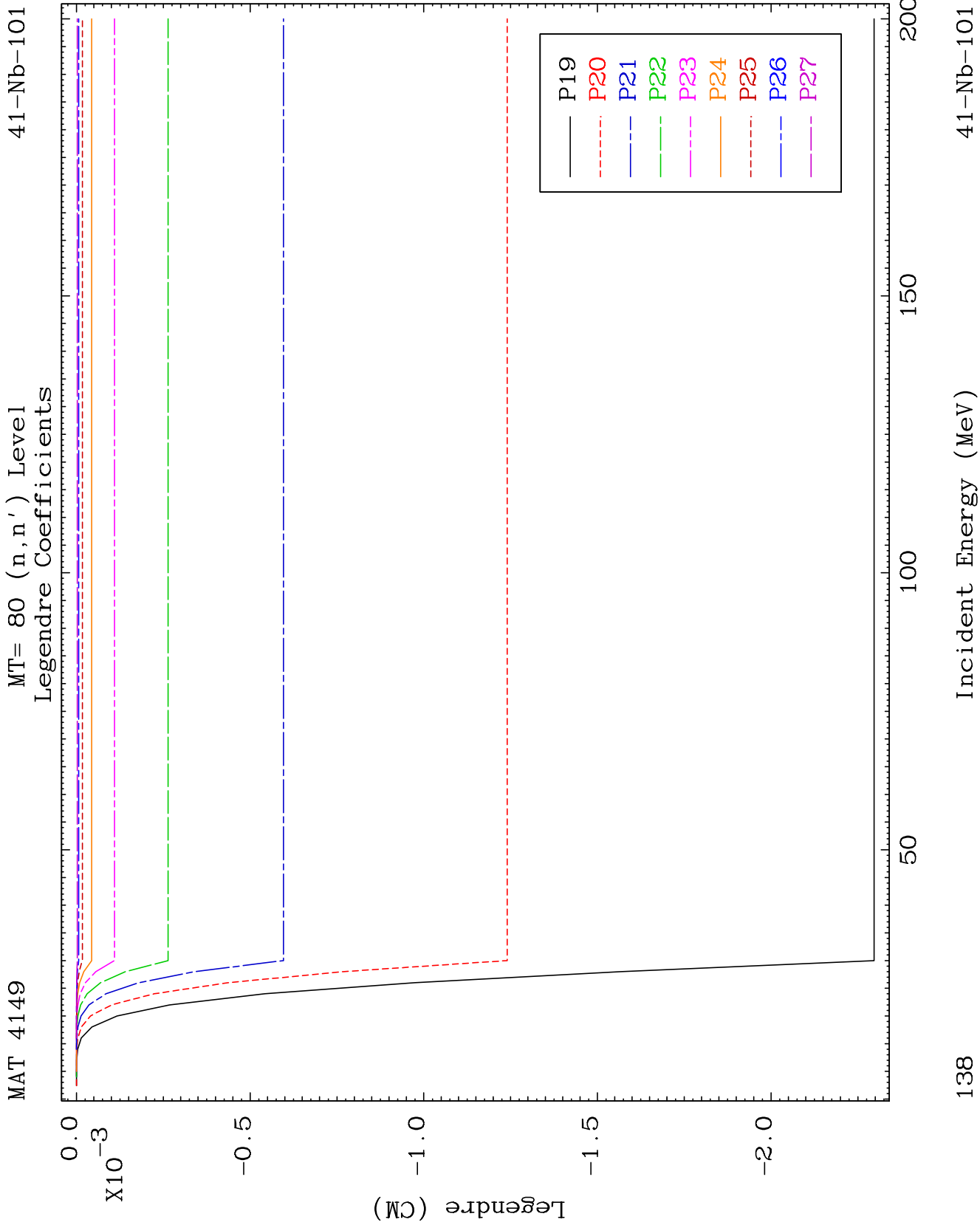


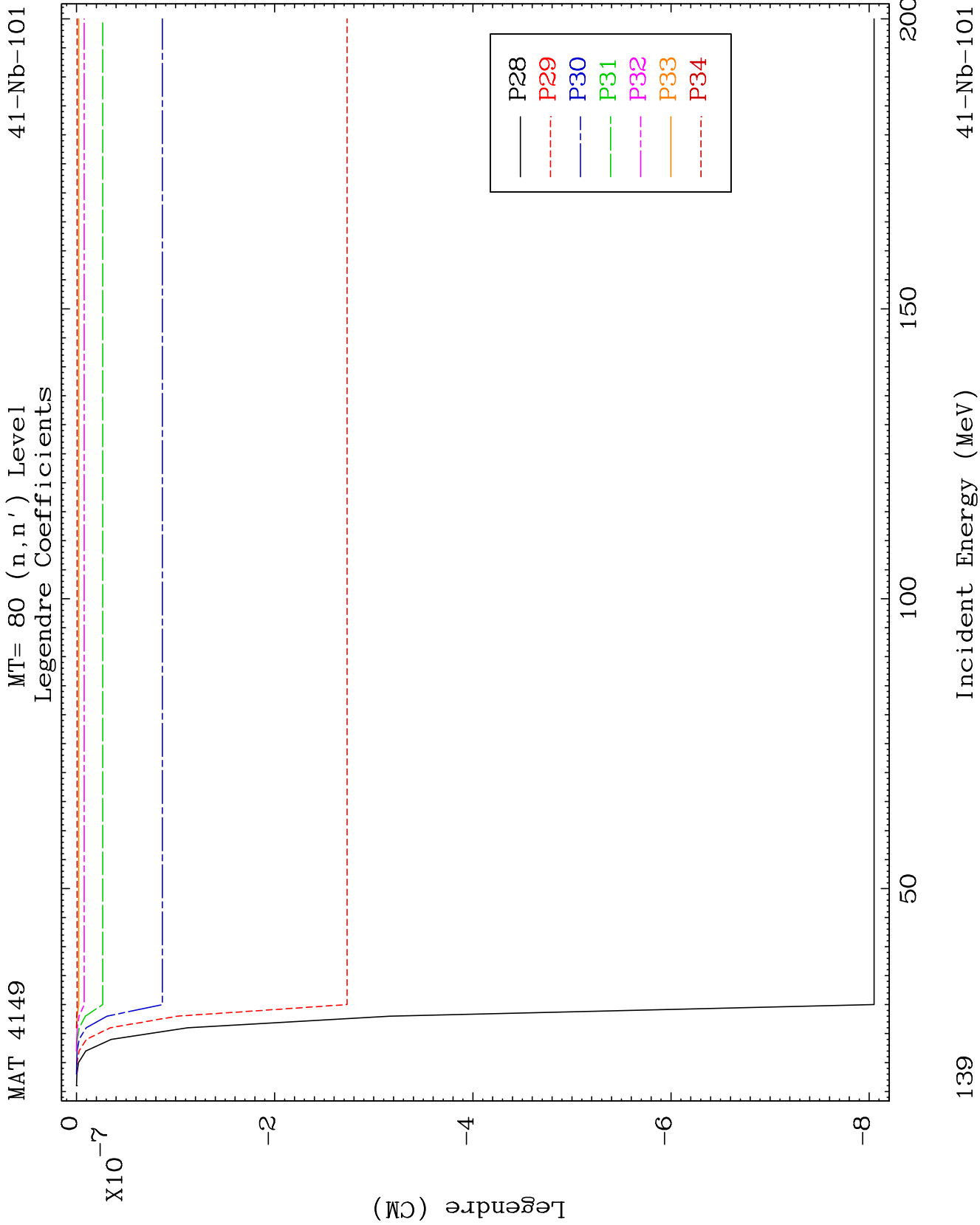
136

Incident Energy (MeV)

41-Nb-101





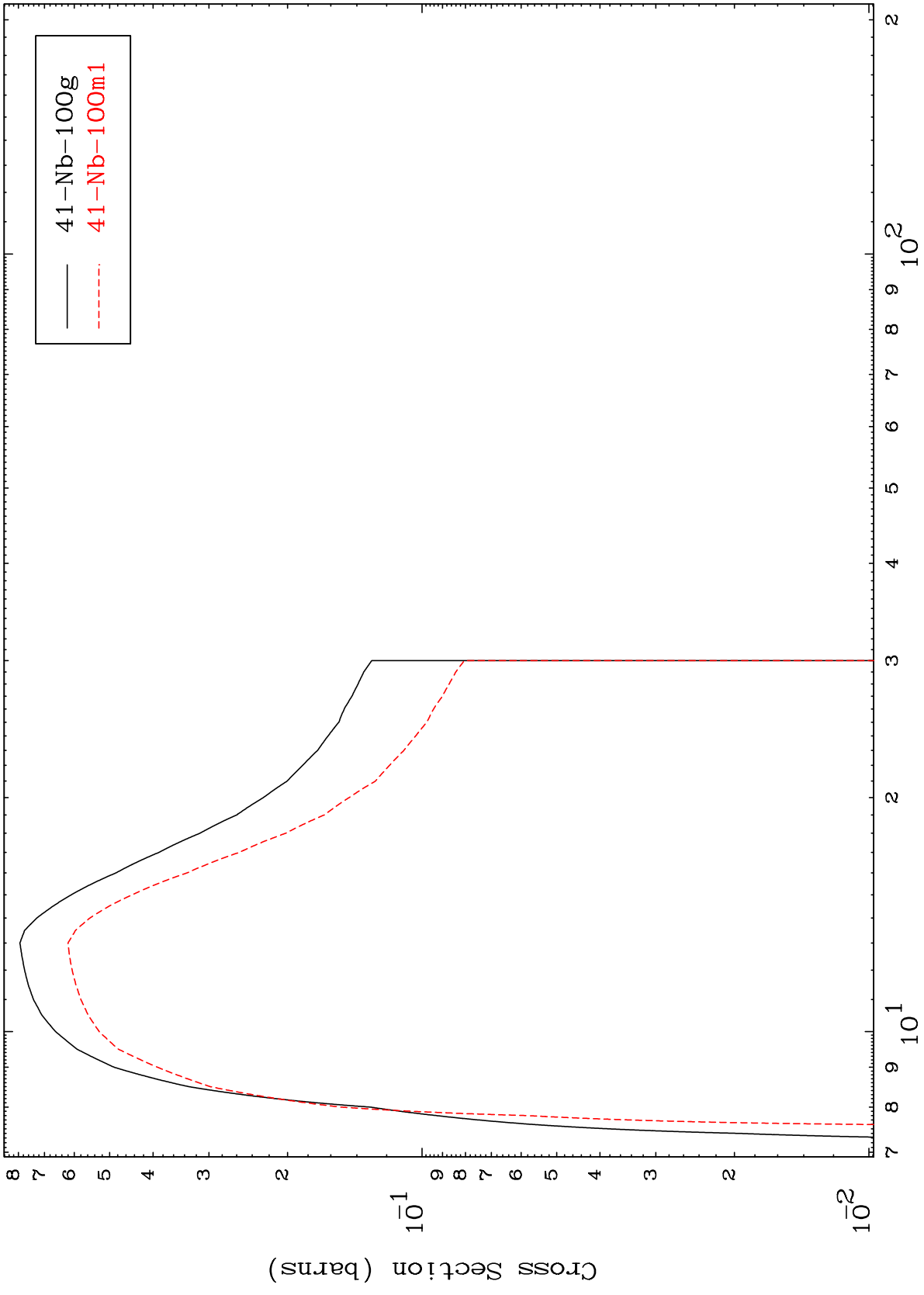


MAT 4149

(n,2n)

41-Nb-101

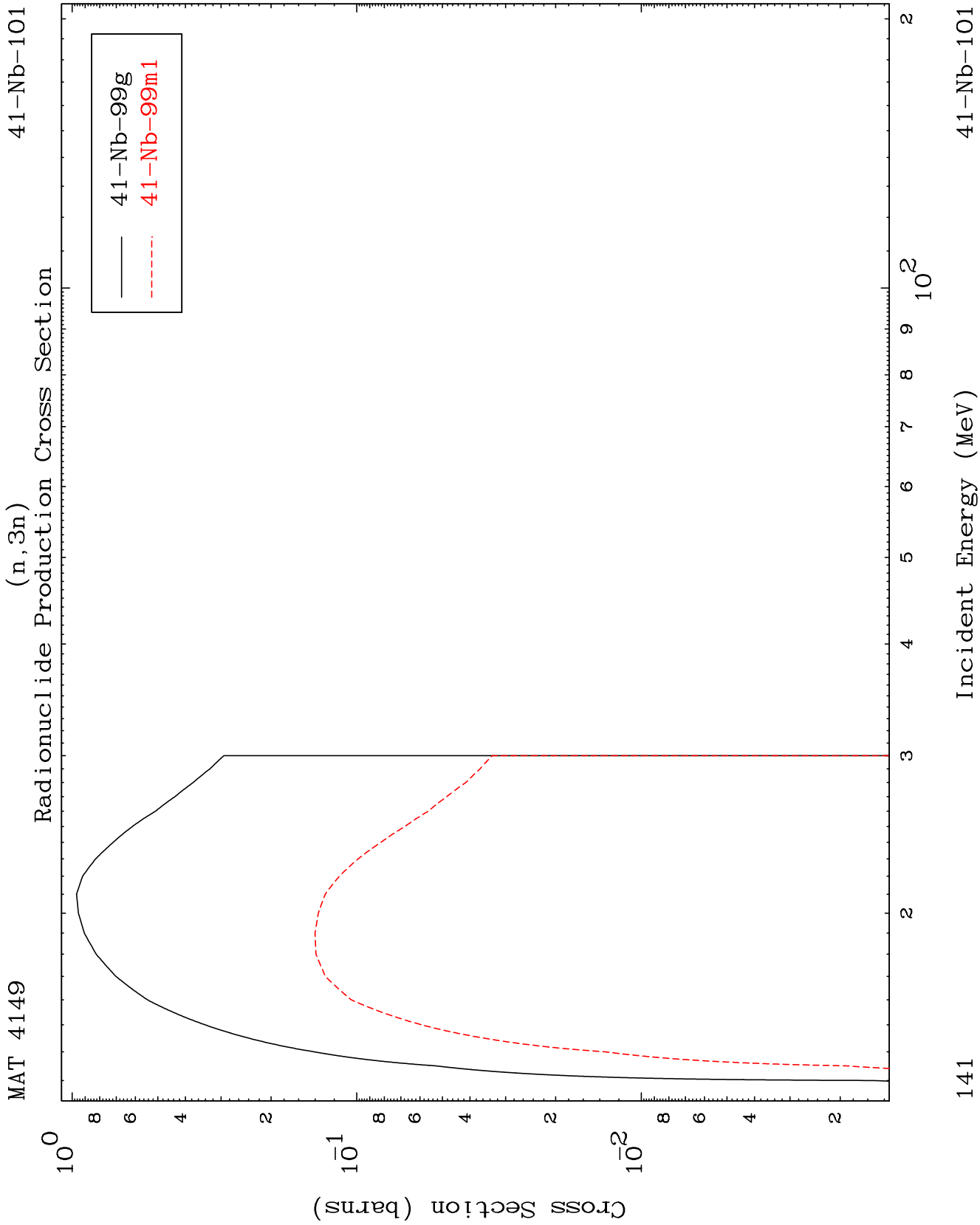
Radionuclide Production Cross Section



140

Incident Energy (MeV)

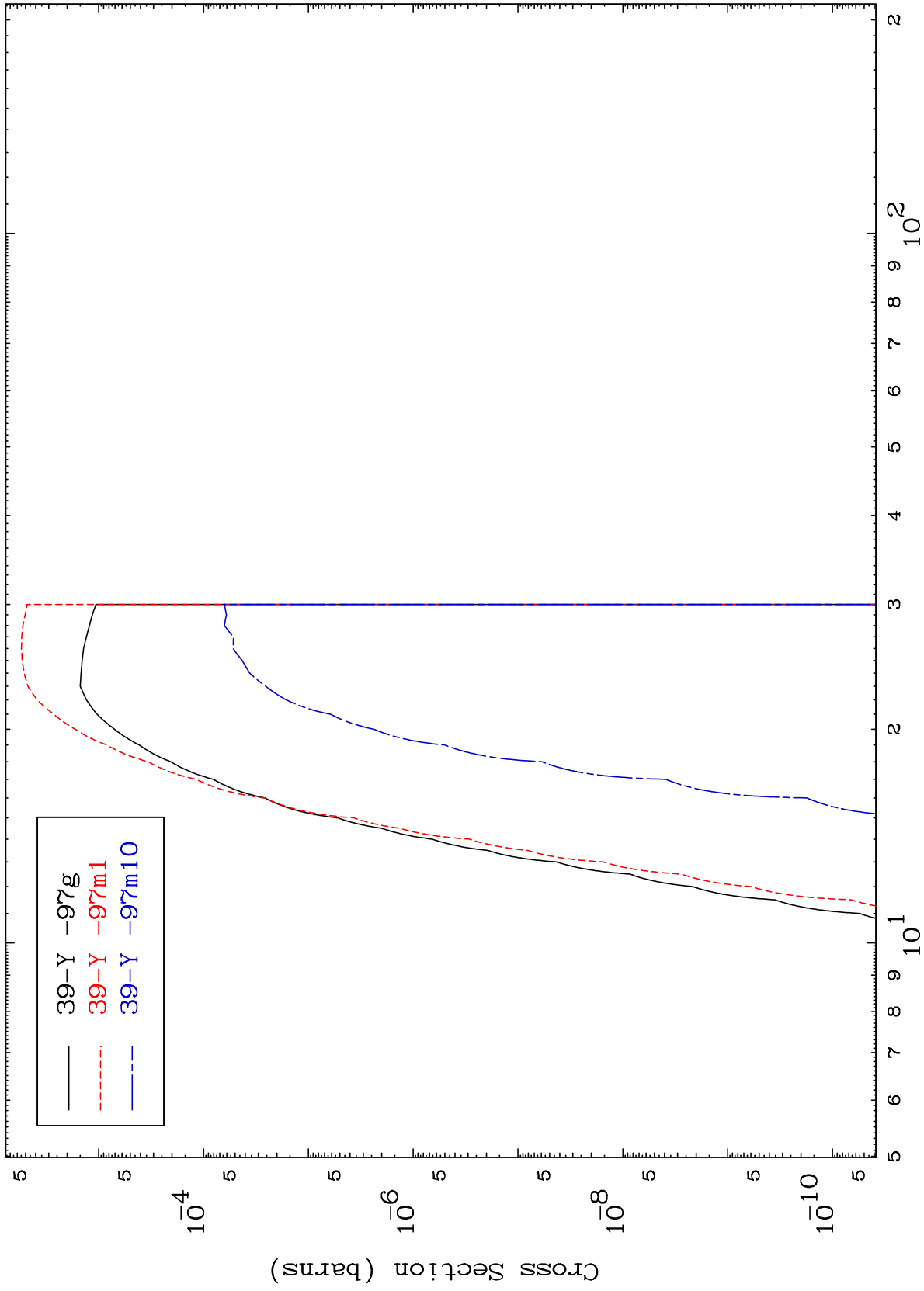
41-Nb-101



MAT 4149

41-Nb-101

(n,n') α
Radionuclide Production Cross Section



142

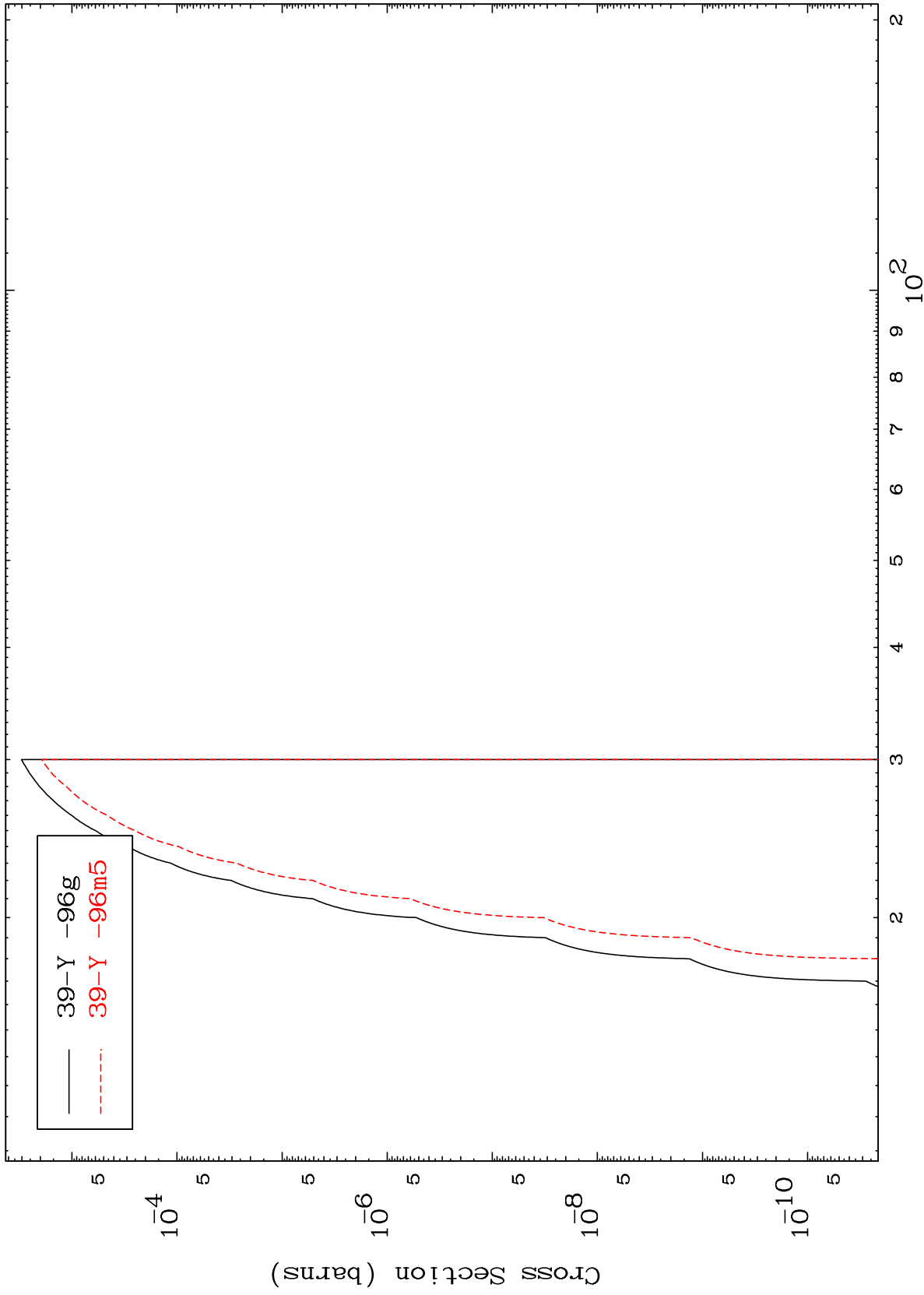
41-Nb-101

MAT 4149

(n,2n) α

41-Nb-101

Radionuclide Production Cross Section



143

Incident Energy (MeV)

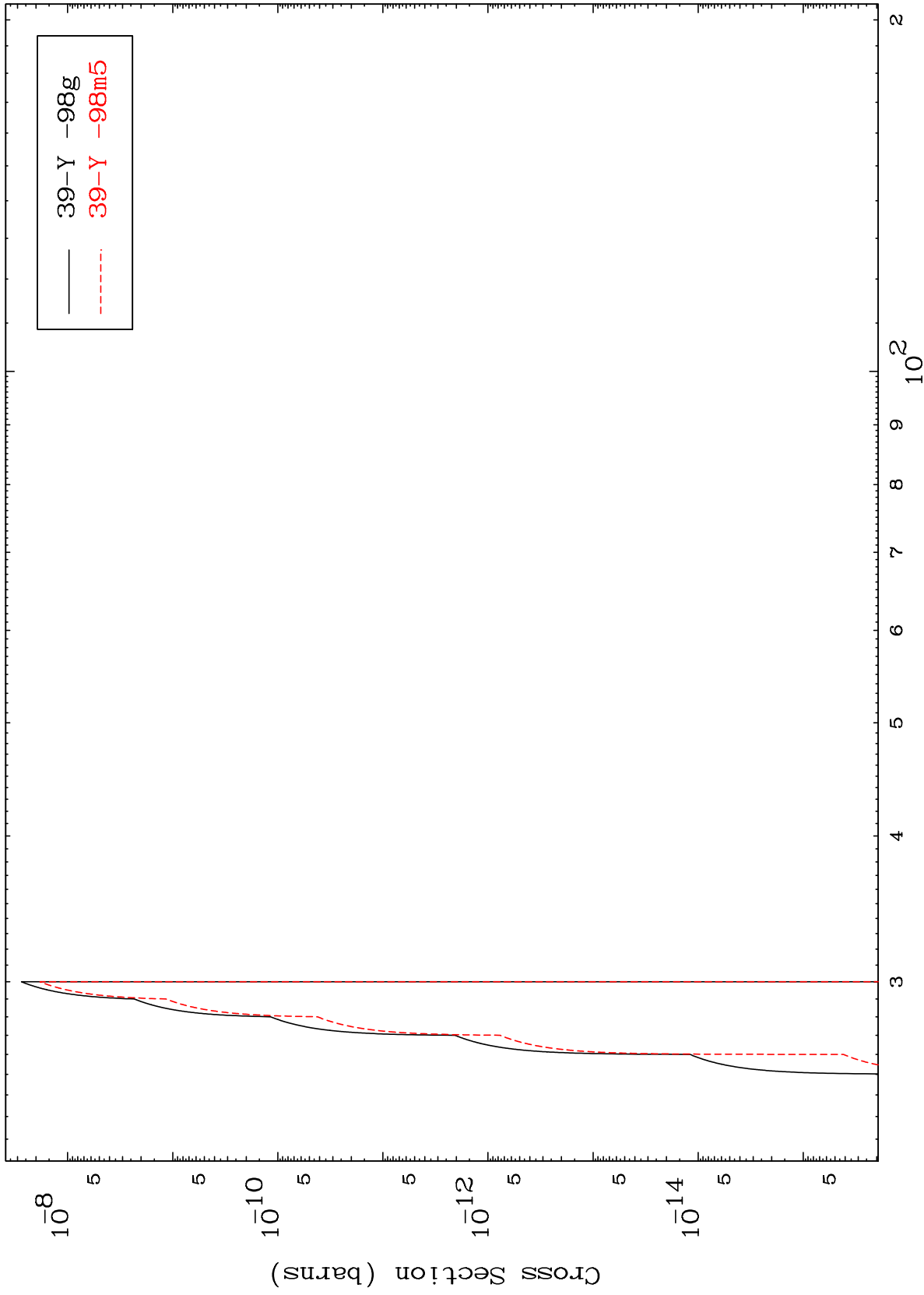
41-Nb-101

MAT 4149

(n, n') He-3

41-Nb-101

Radionuclide Production Cross Section



144

Incident Energy (MeV)

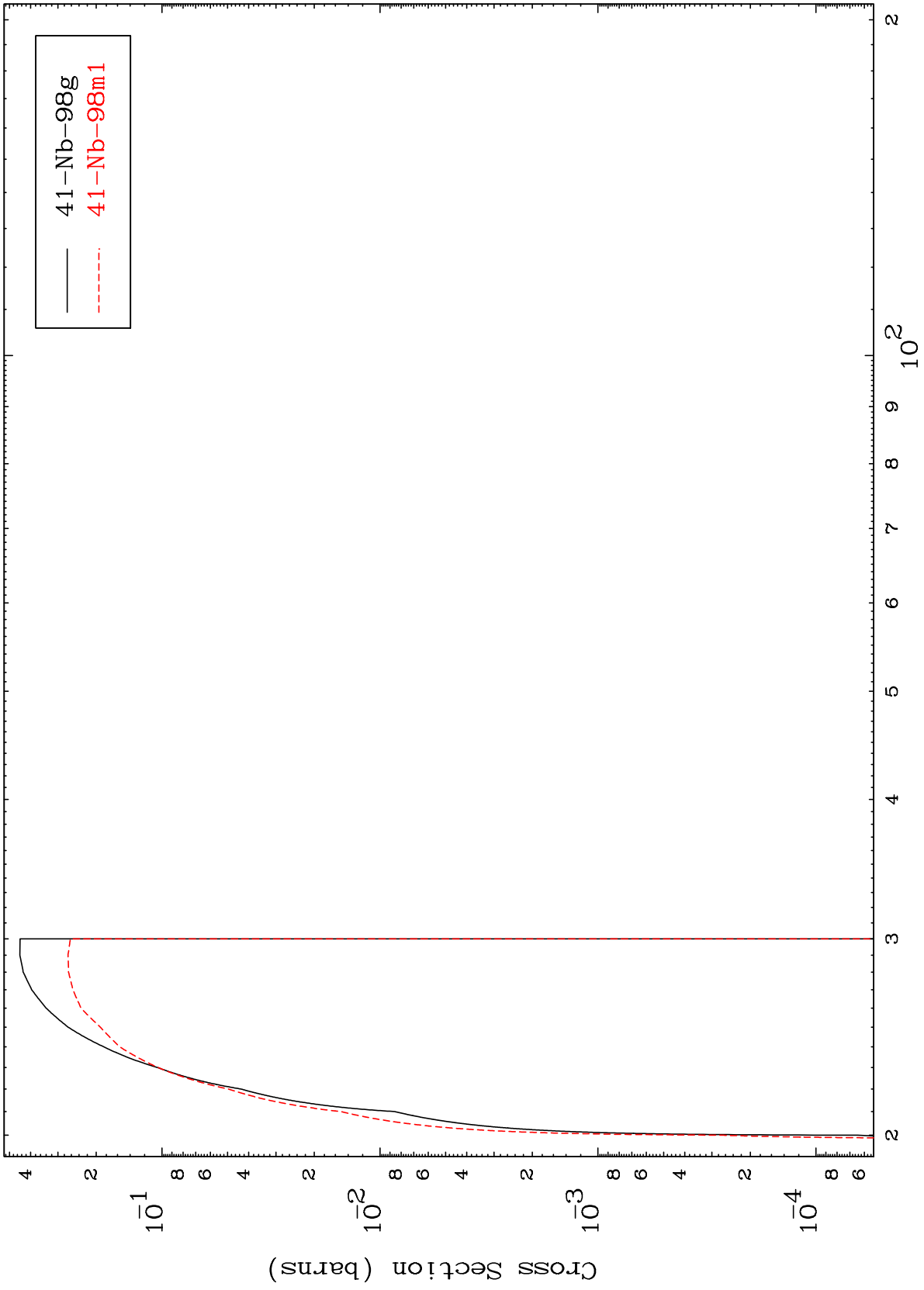
41-Nb-101

MAT 4149

(n,4n)

41-Nb-101

Radionuclide Production Cross Section



145

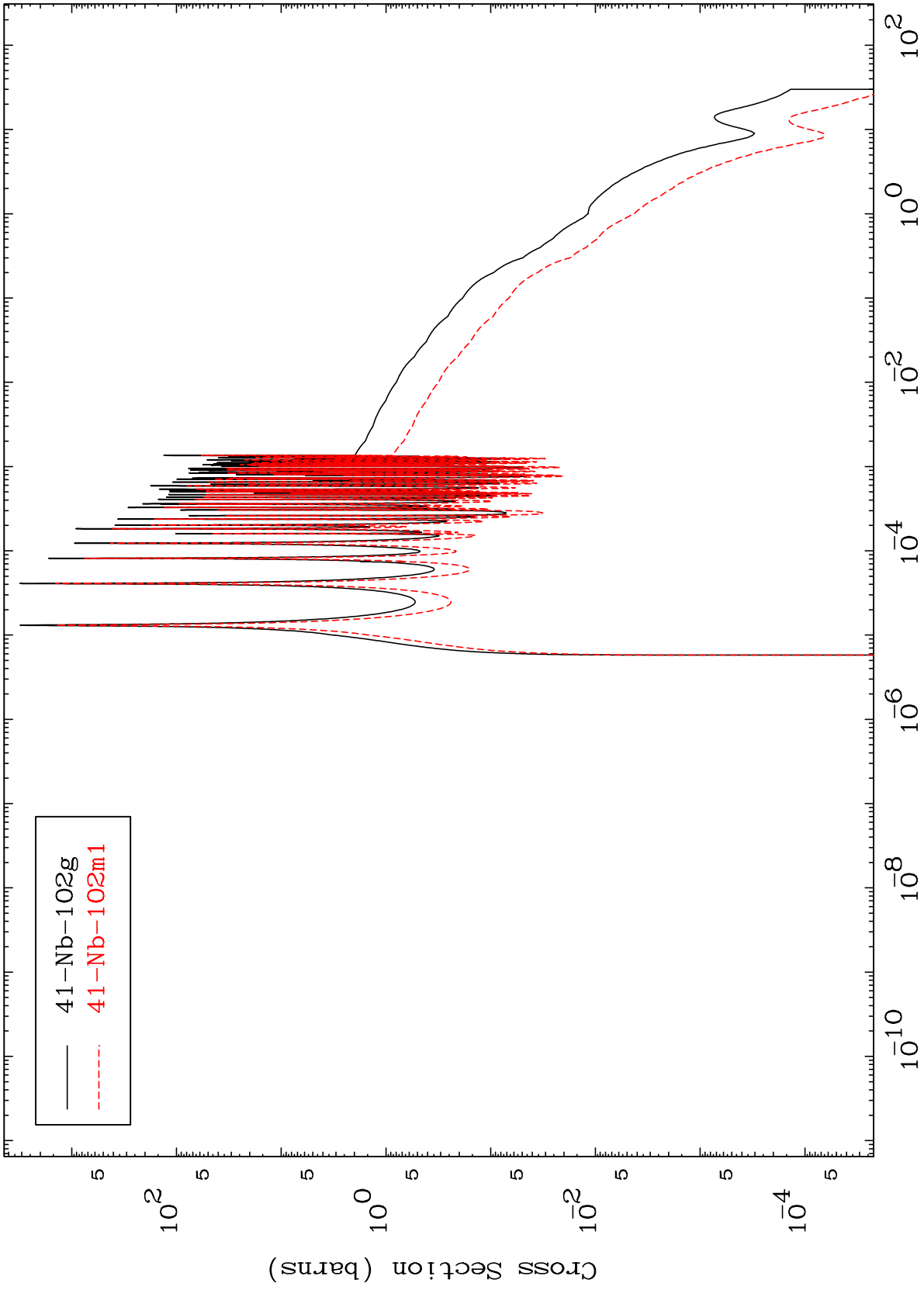
Incident Energy (MeV)

41-Nb-101

MAT 4149

41-Nb-101

Radionuclide Production Cross Section



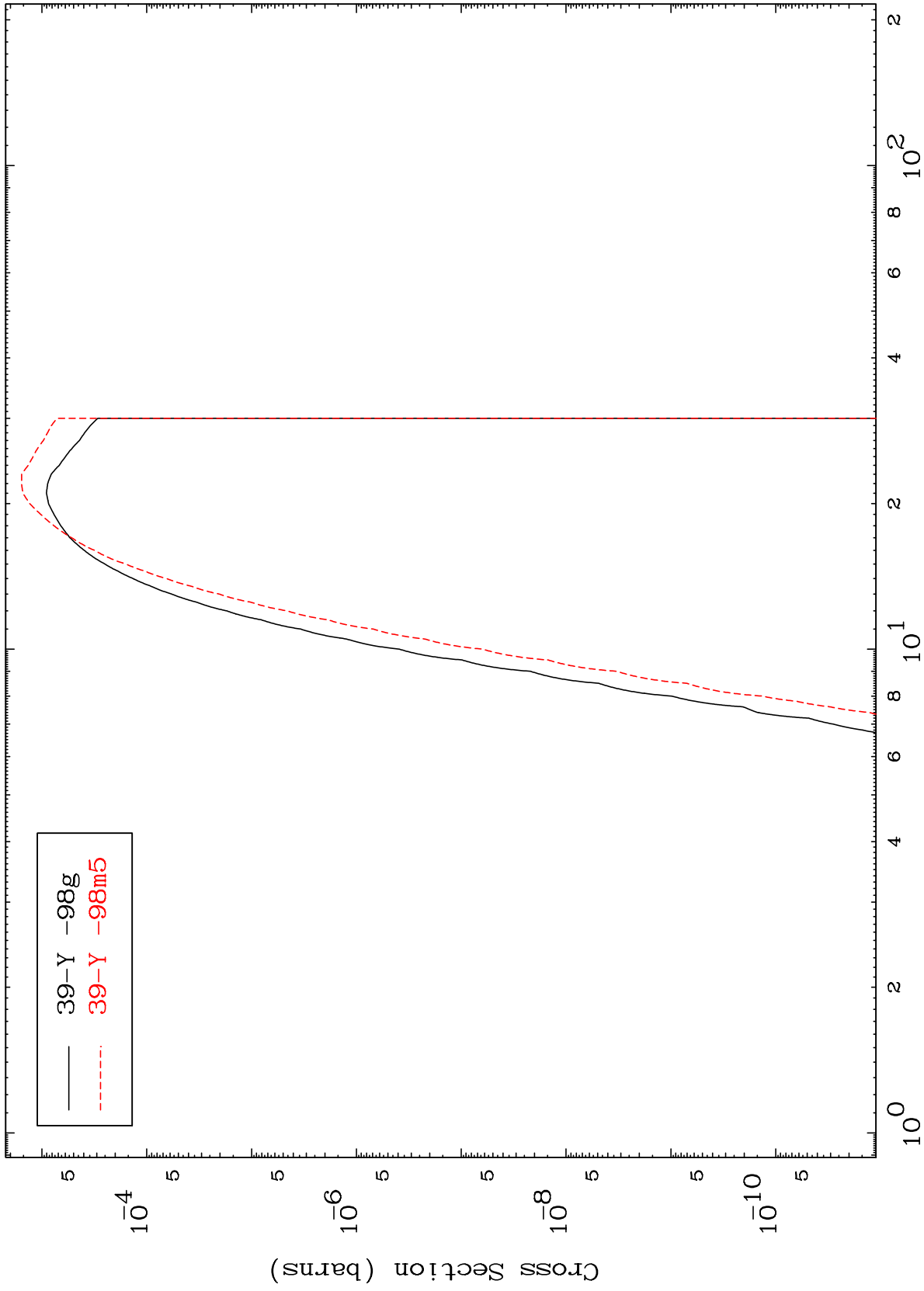
146

41-Nb-101

MAT 4149

41-Nb-101

Radionuclide Production Cross Section



147

Incident Energy (MeV)

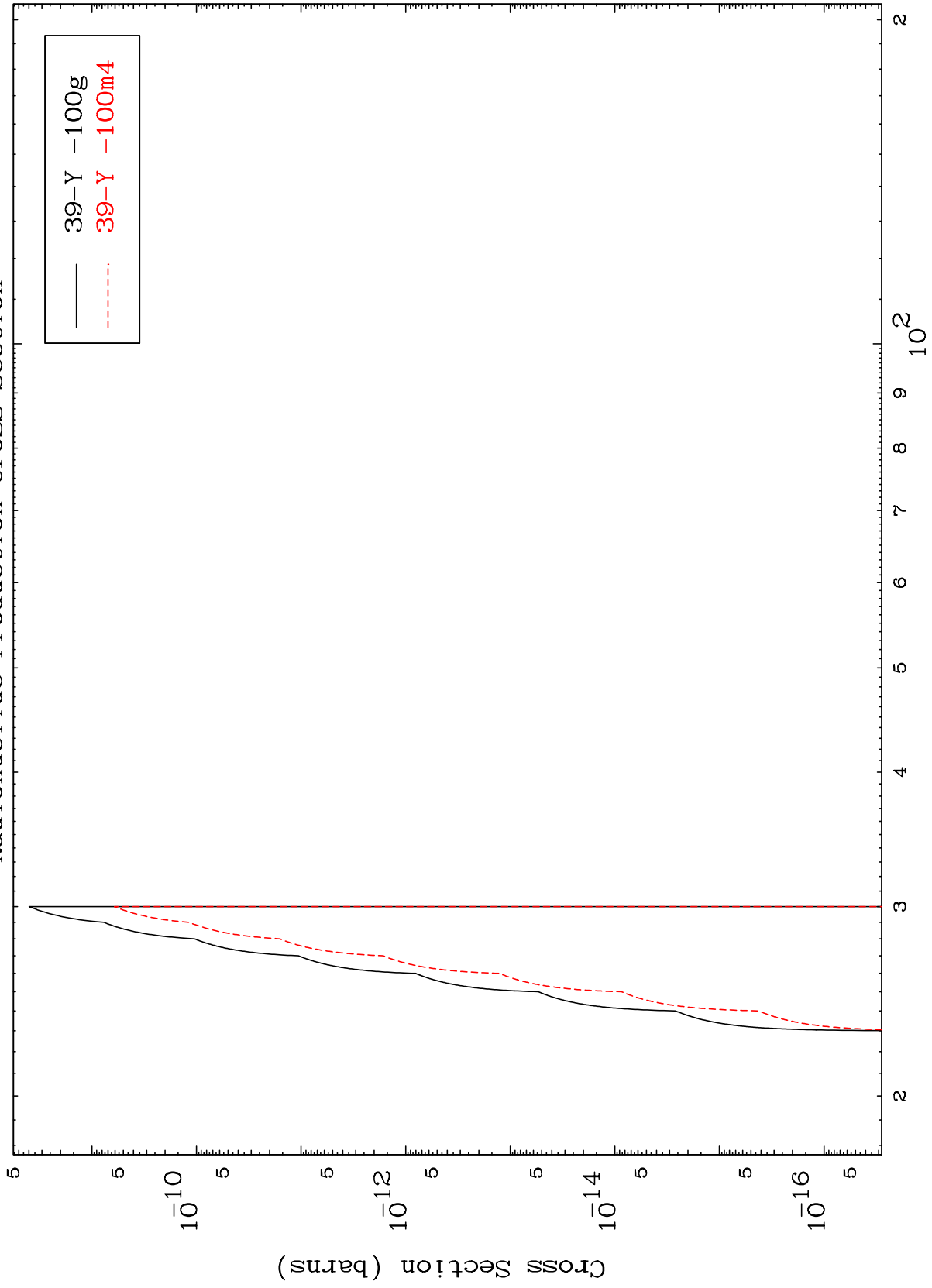
41-Nb-101

MAT 4149

(n,2p)

41-Nb-101

Radionuclide Production Cross Section



148

Incident Energy (MeV)

41-Nb-101