

Program EVALPLOT
(Version 2018-1)

by

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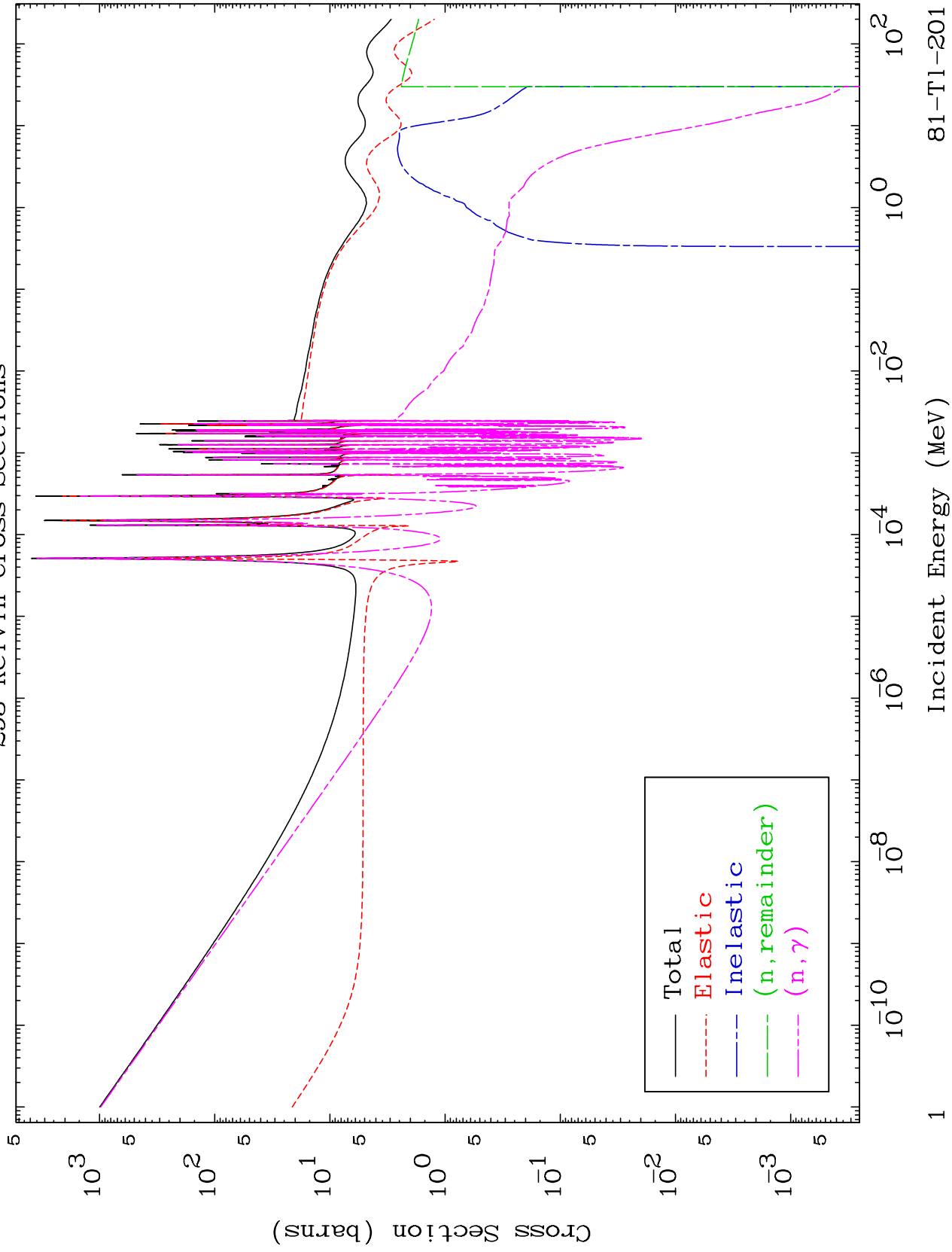
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8119

Major
293 Kelvin Cross Sections

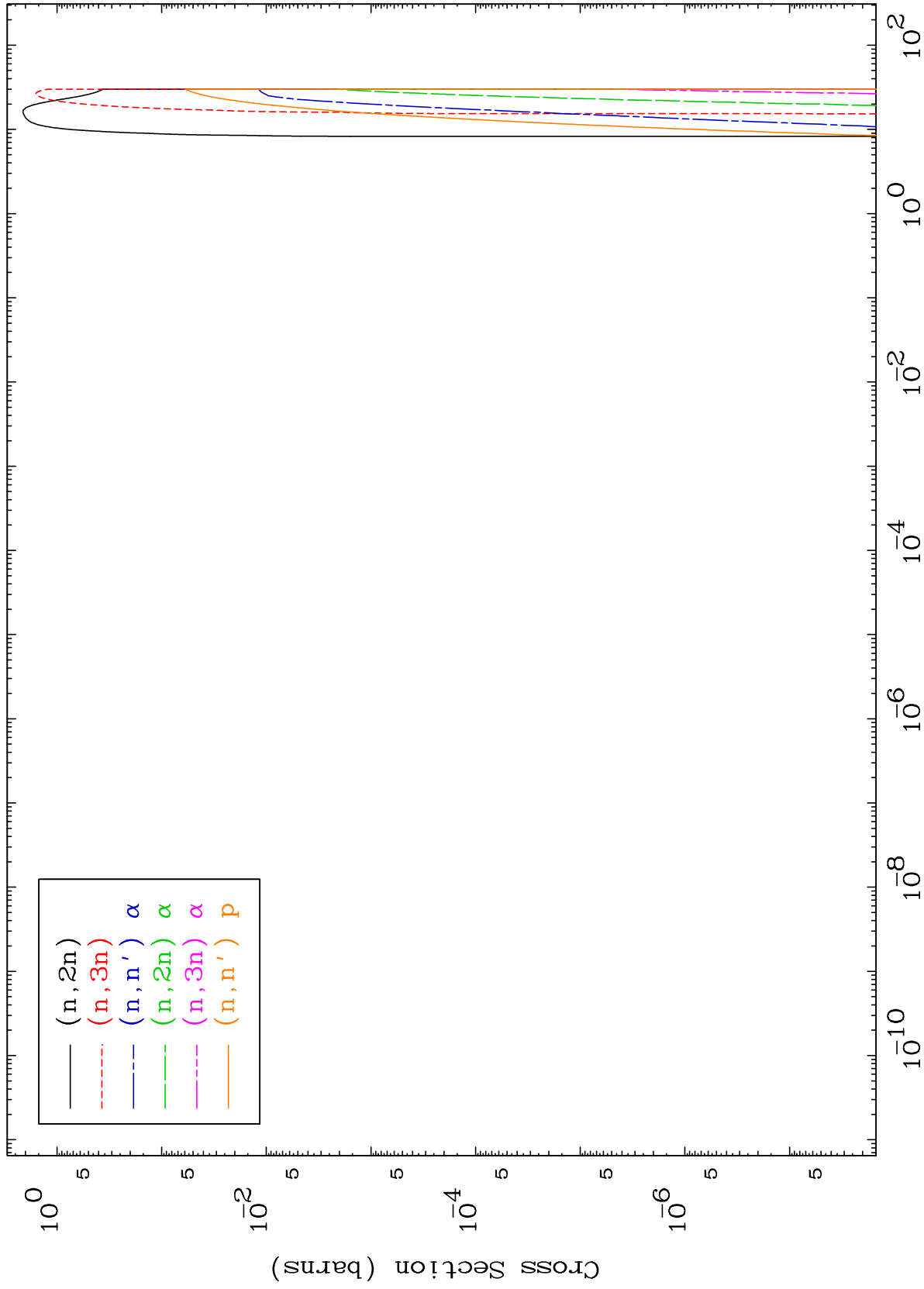
81-Tl-201



MAT 8119

Neutron Production
293 Kelvin Cross Sections

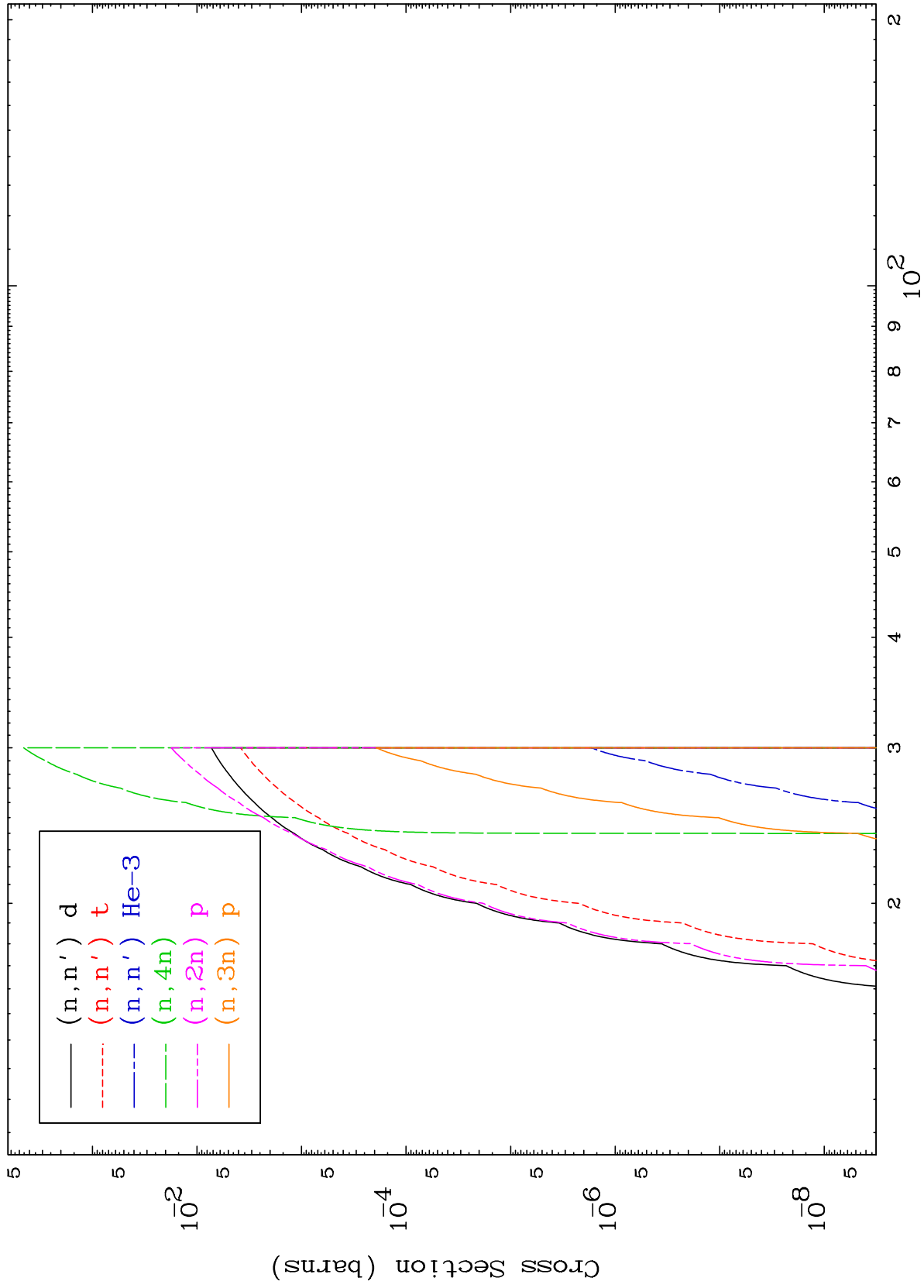
81-T1-201



2

Incident Energy (MeV)

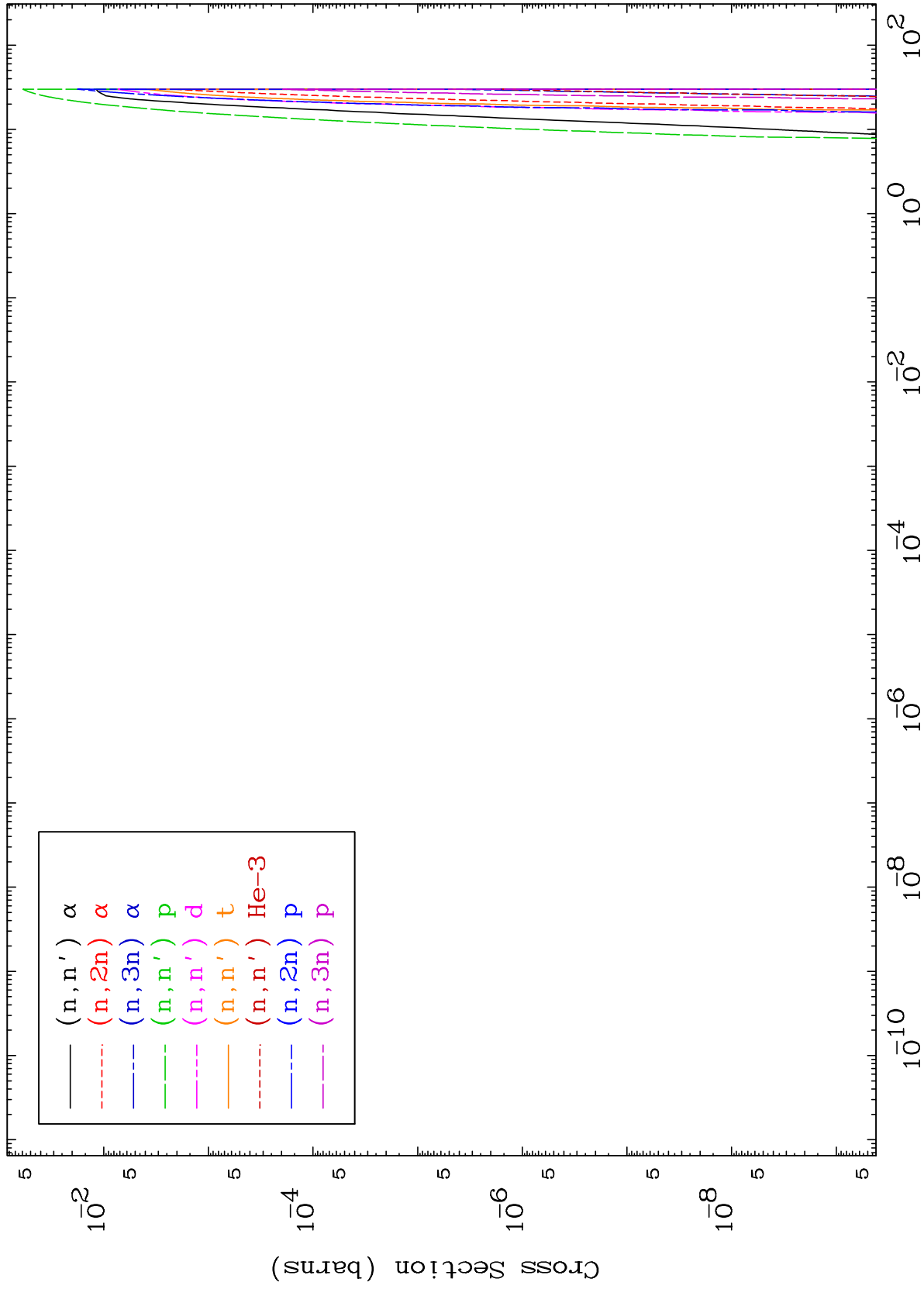
81-T1-201



MAT 8119

293 Kelvin Cross Sections

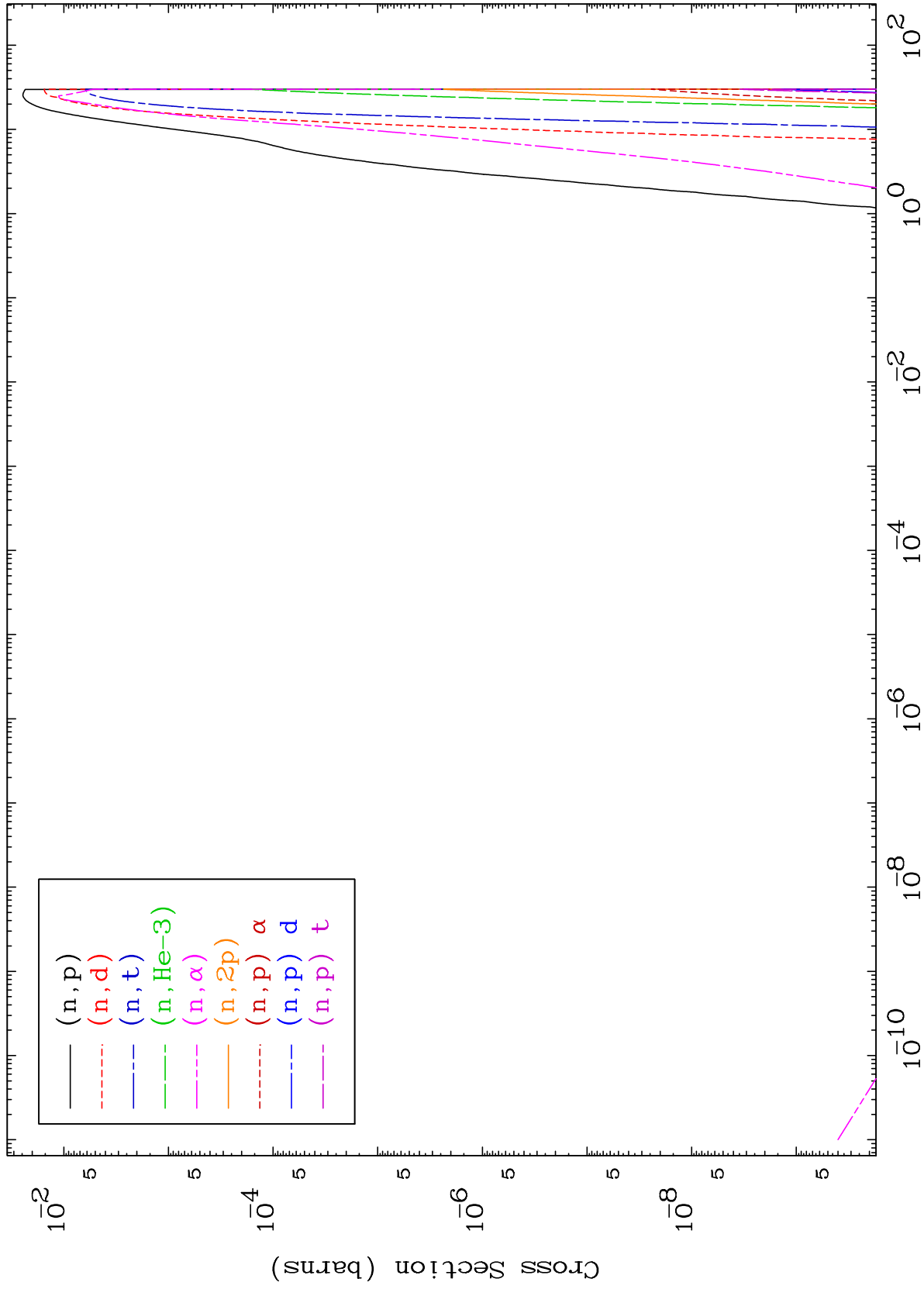
81-Tl-201



MAT 8119

Charged Particle
293 Kelvin Cross Sections

81-Tl-201



5

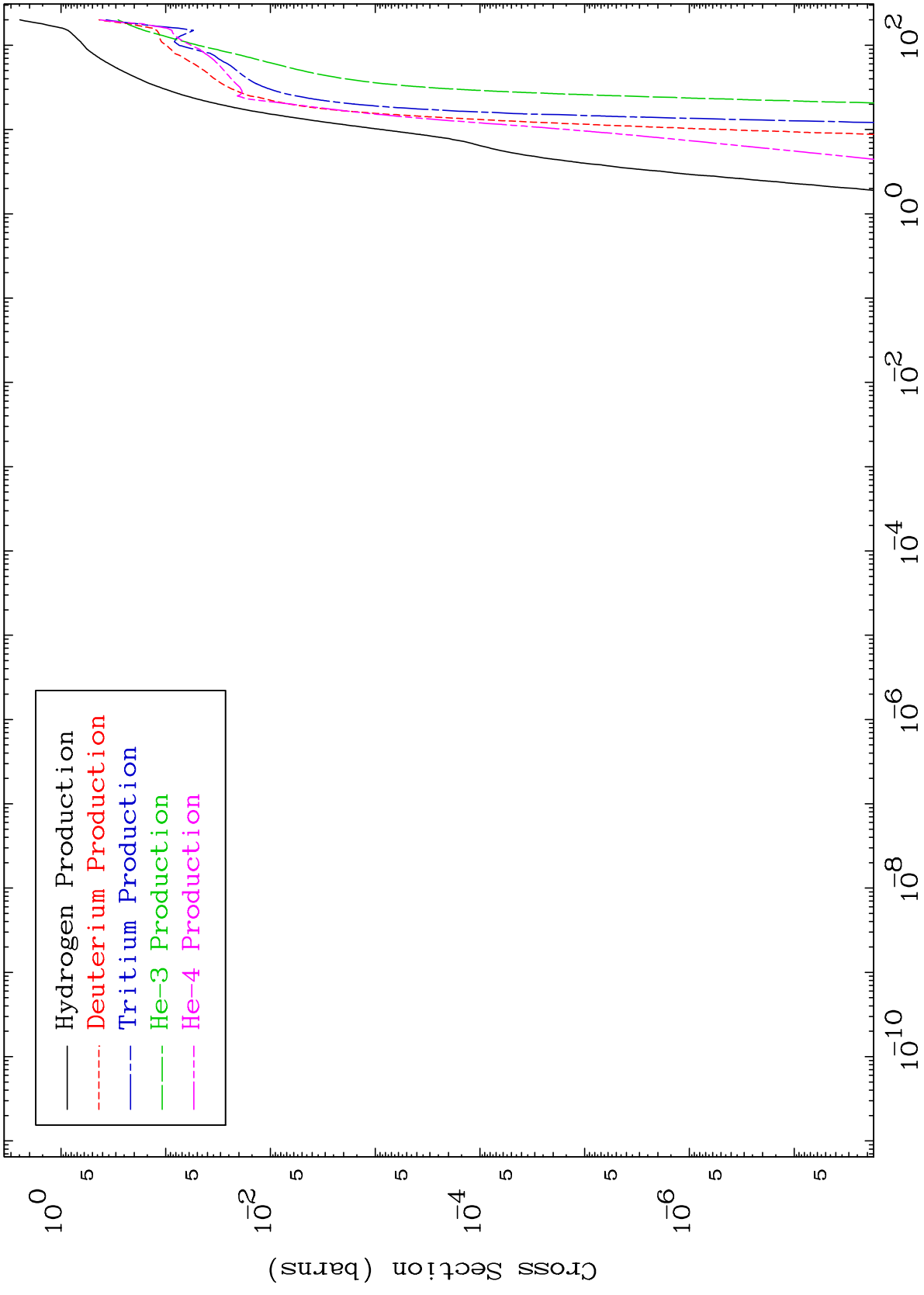
Incident Energy (MeV)

81-Tl-201

MAT 8119

Particle Production
293 Kelvin Cross Sections

81-T1-201



6

Incident Energy (MeV)

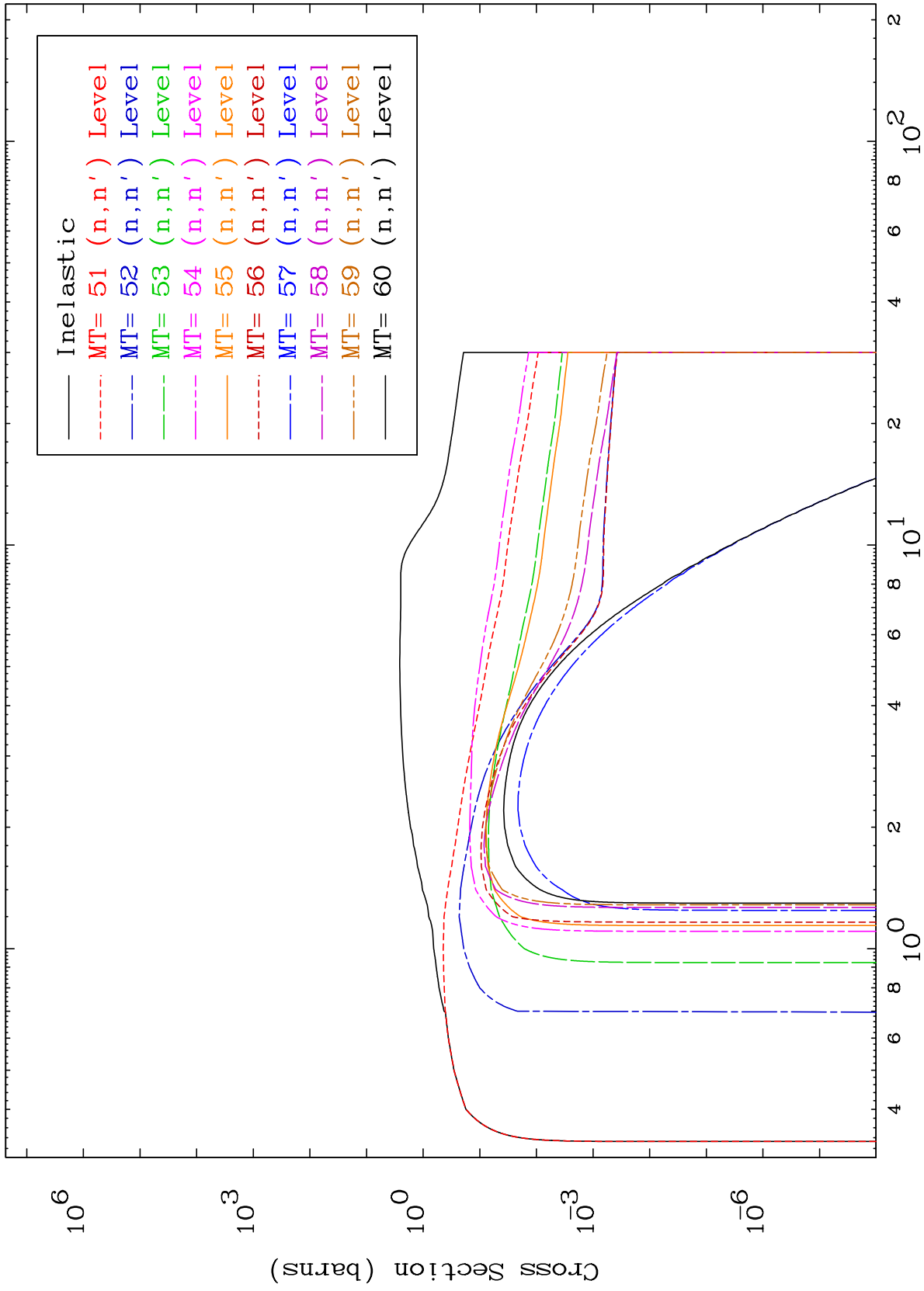
81-T1-201

MAT 81119

(n,n') Level

81-T1-201

293 Kelvin Cross Sections



7

Incident Energy (MeV)

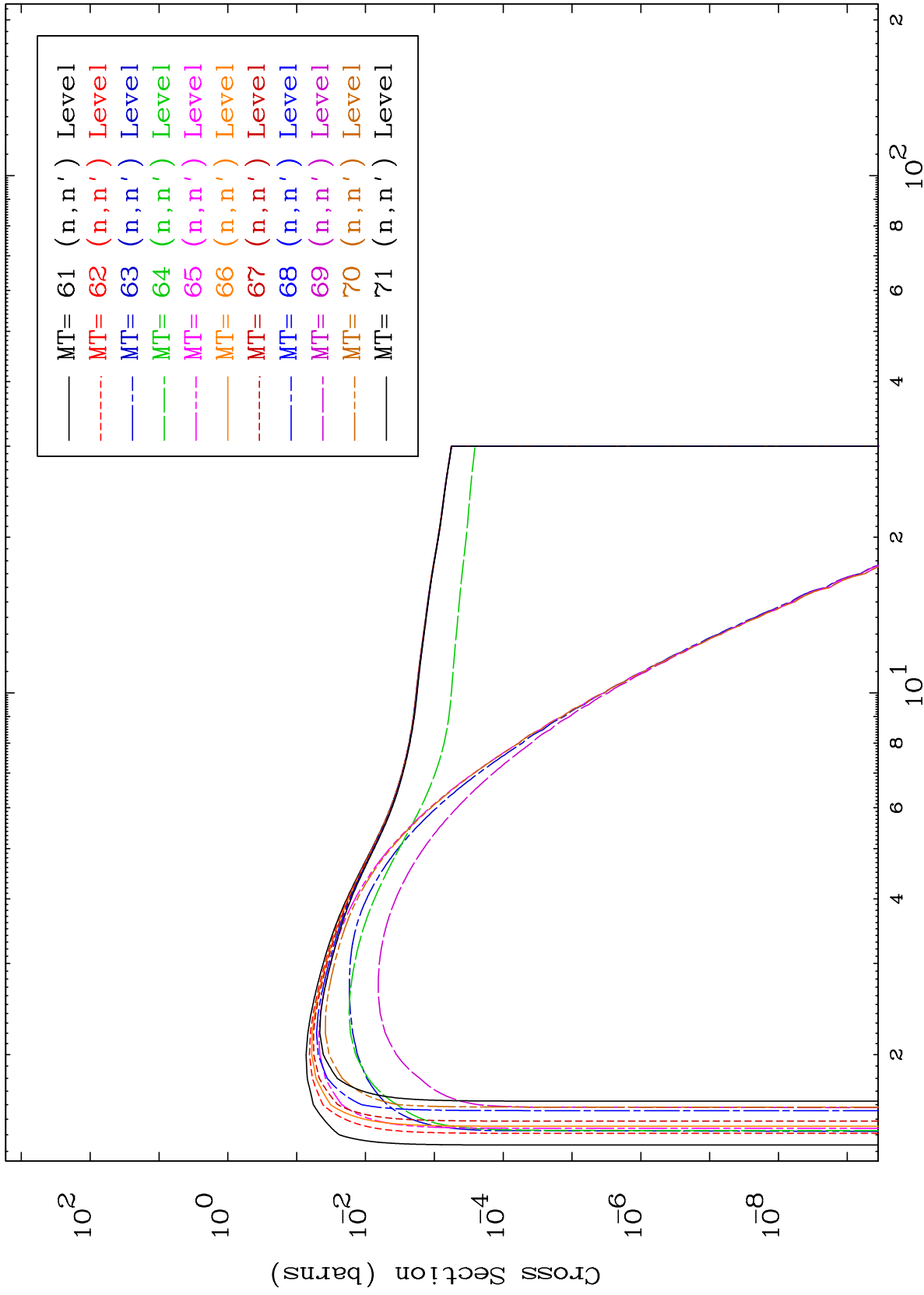
81-T1-201

MAT 8119

(n,n') Level

81-T1-201

293 Kelvin Cross Sections



8

Incident Energy (MeV)

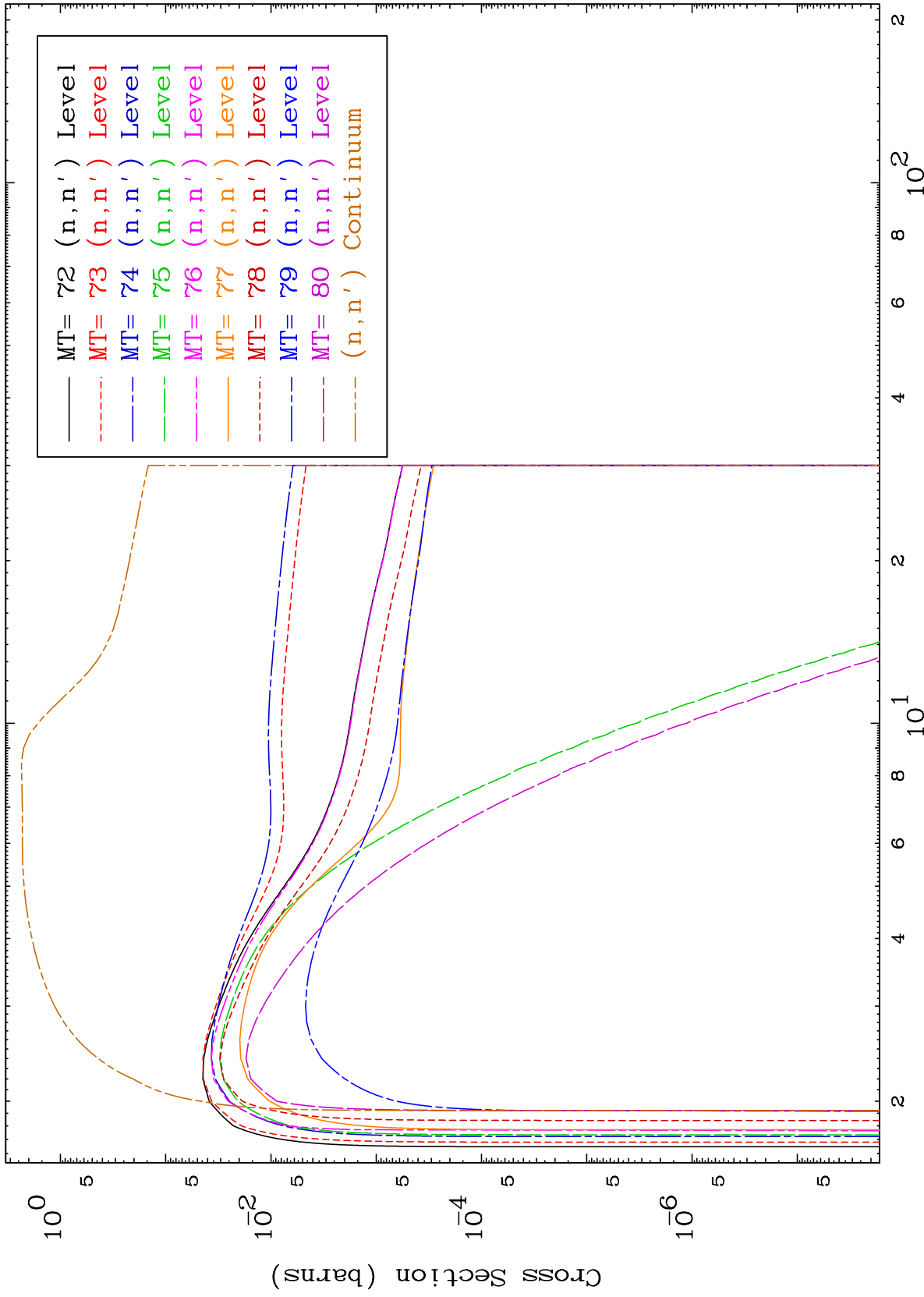
81-T1-201

MAT 8119

(n,n') Level

81-T1-201

293 Kelvin Cross Sections



9

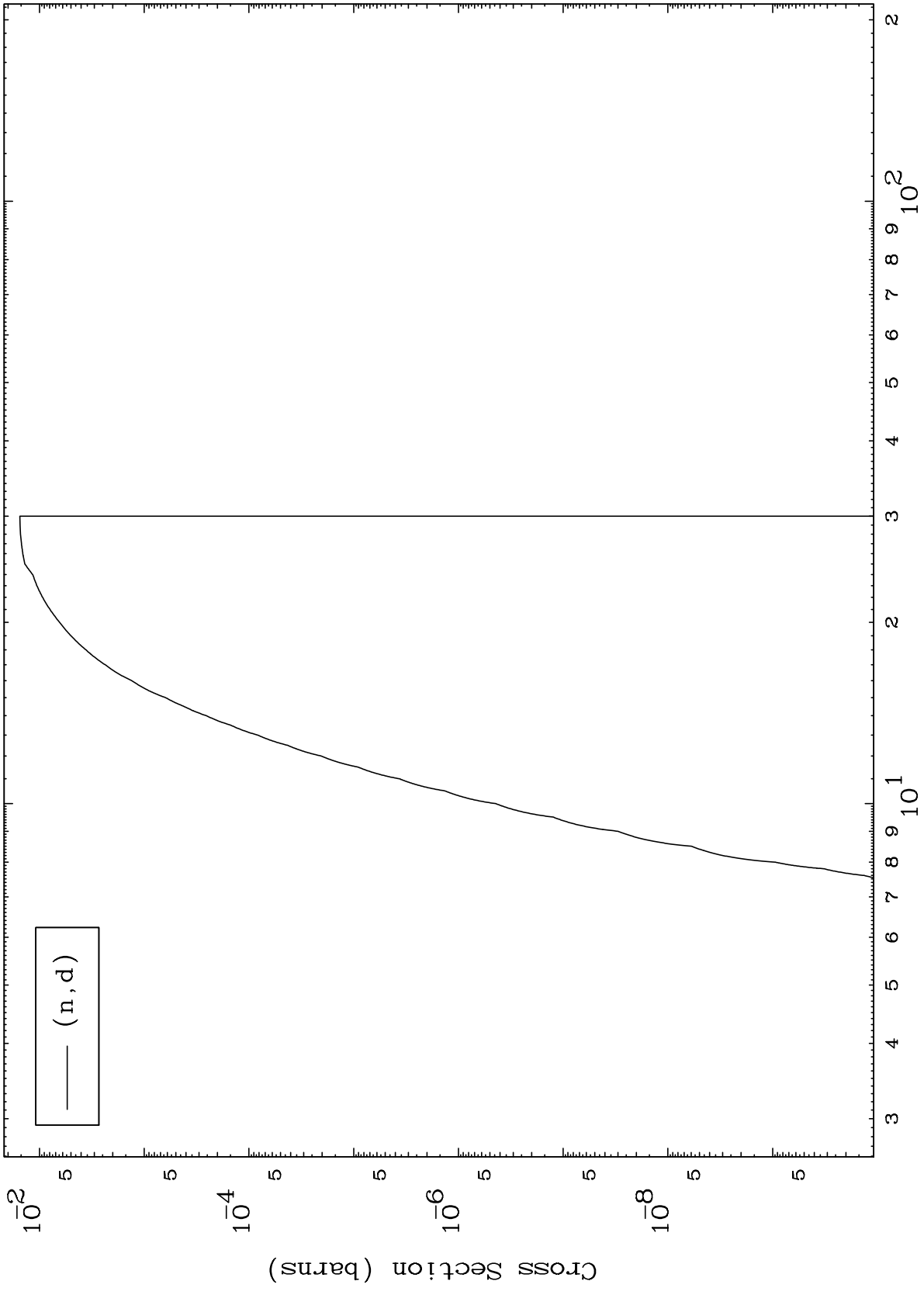
Incident Energy (MeV)

81-T1-201

MAT 8119

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-201



11

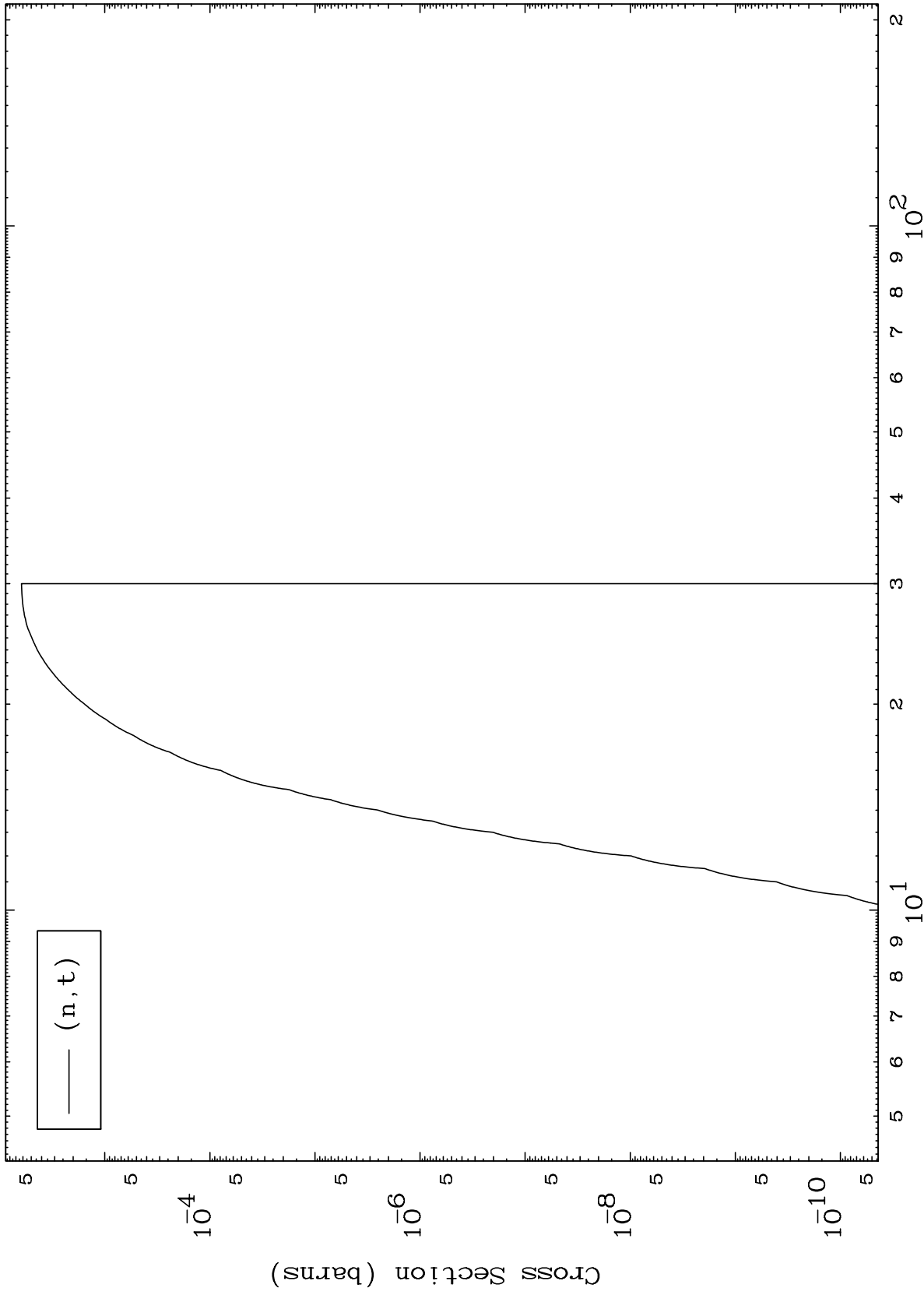
Incident Energy (MeV)

81-Tl-201

MAT 8119

(n,t) Levels
293 Kelvin Cross Sections

81-T1-201



12

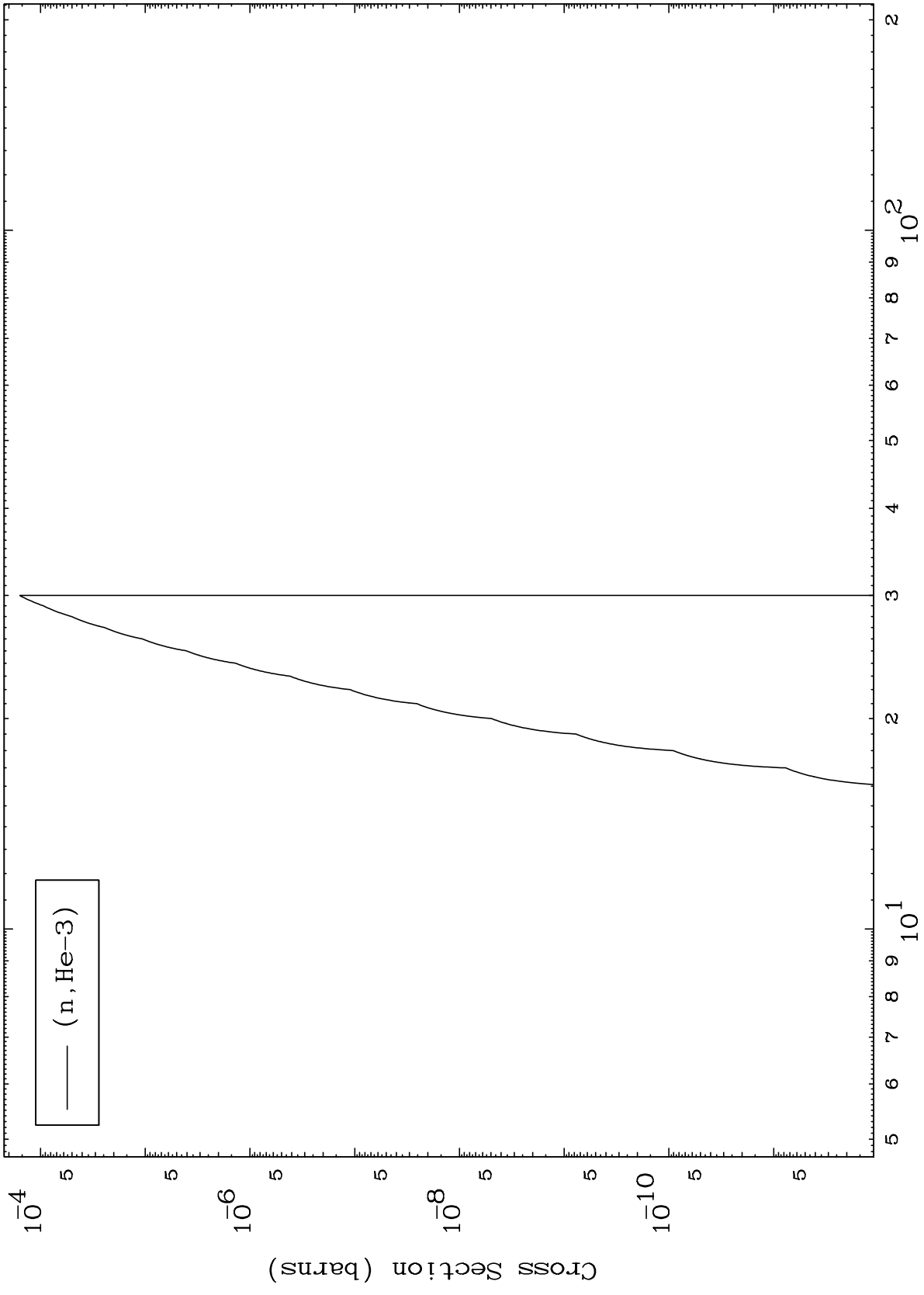
Incident Energy (MeV)

81-T1-201

MAT 8119

81-T1-201

(n,He3) Levels
293 Kelvin Cross Sections



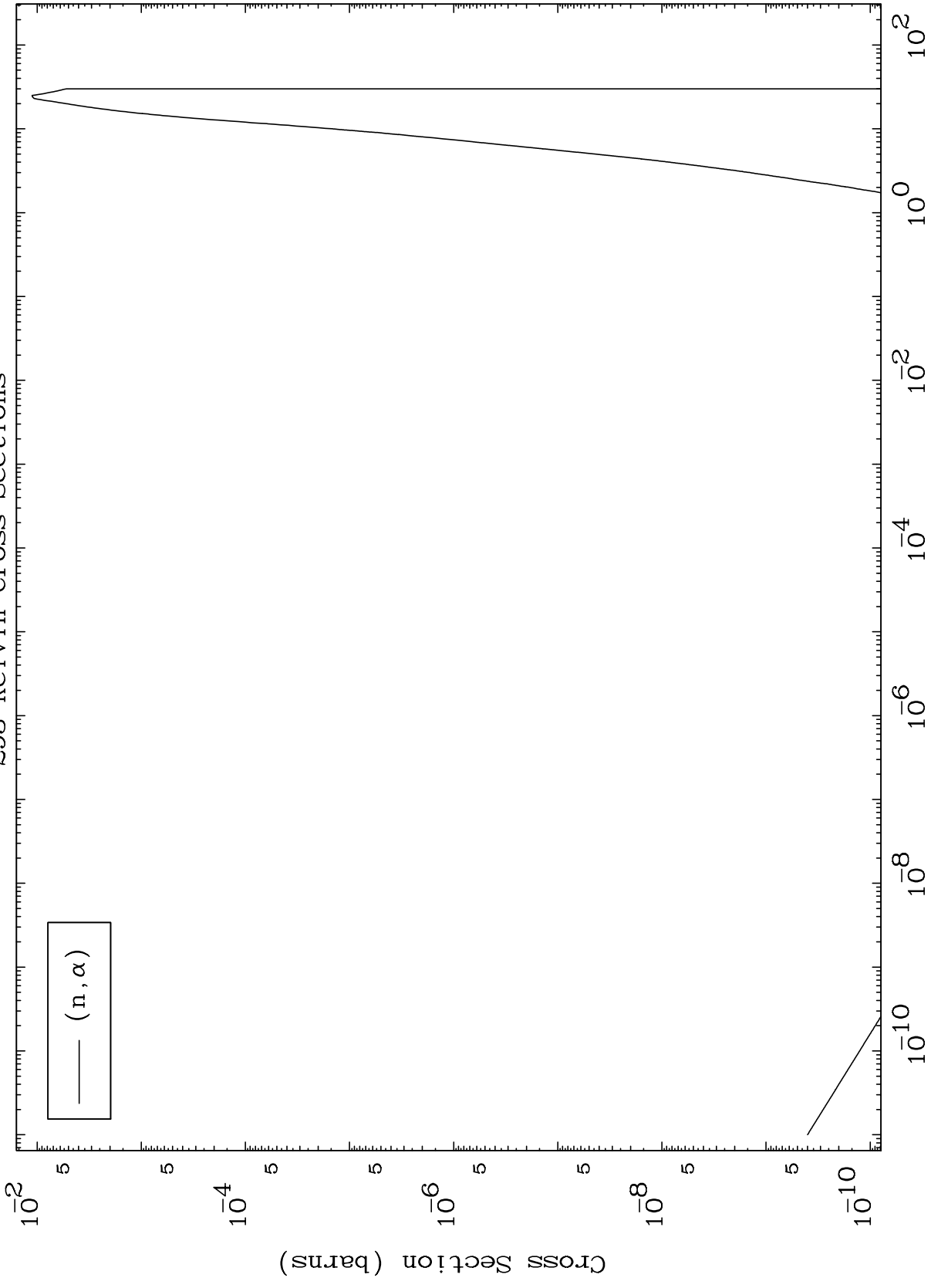
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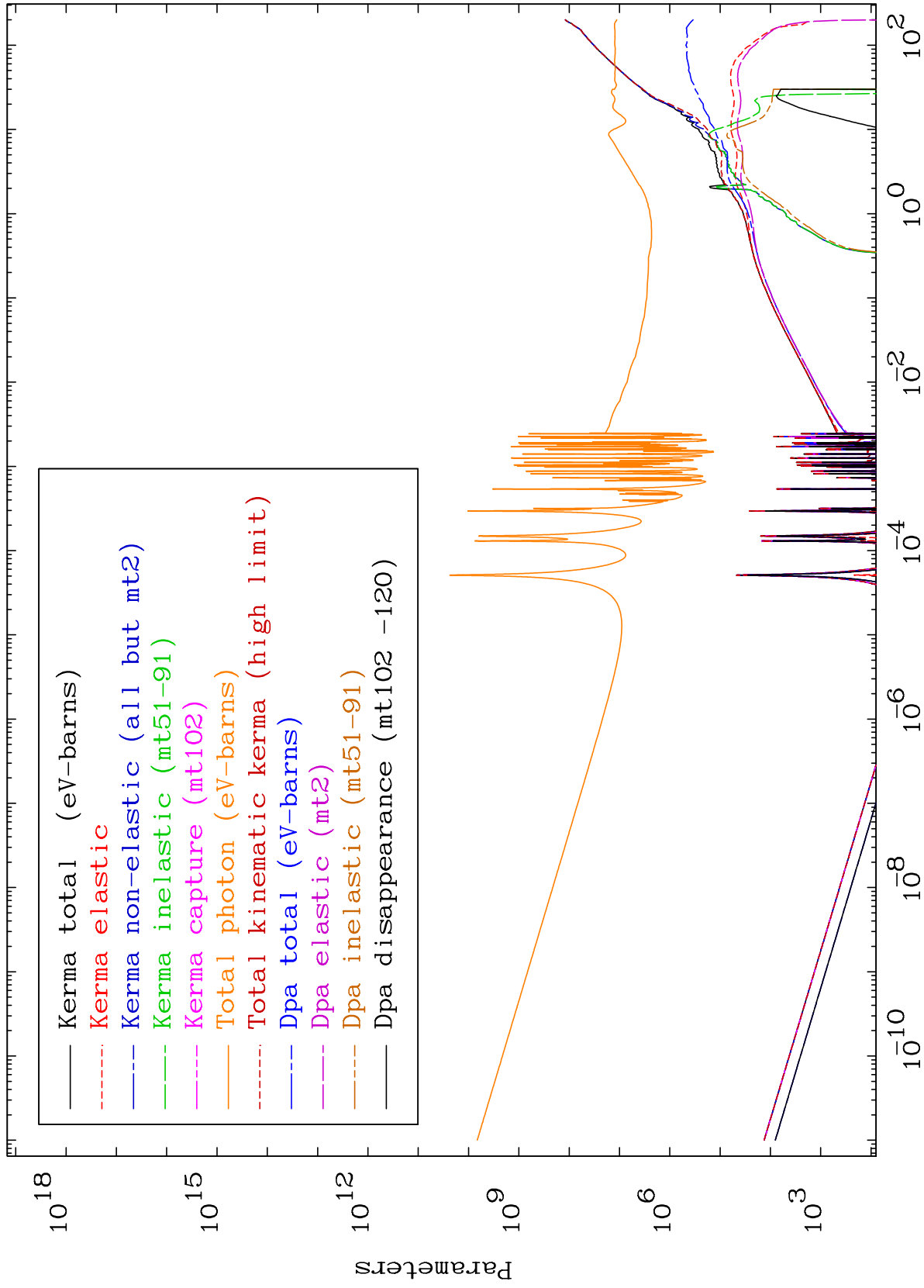
81-T1-201

MAT 8119

(n,α) Levels
293 Kelvin Cross Sections

81-Tl-201

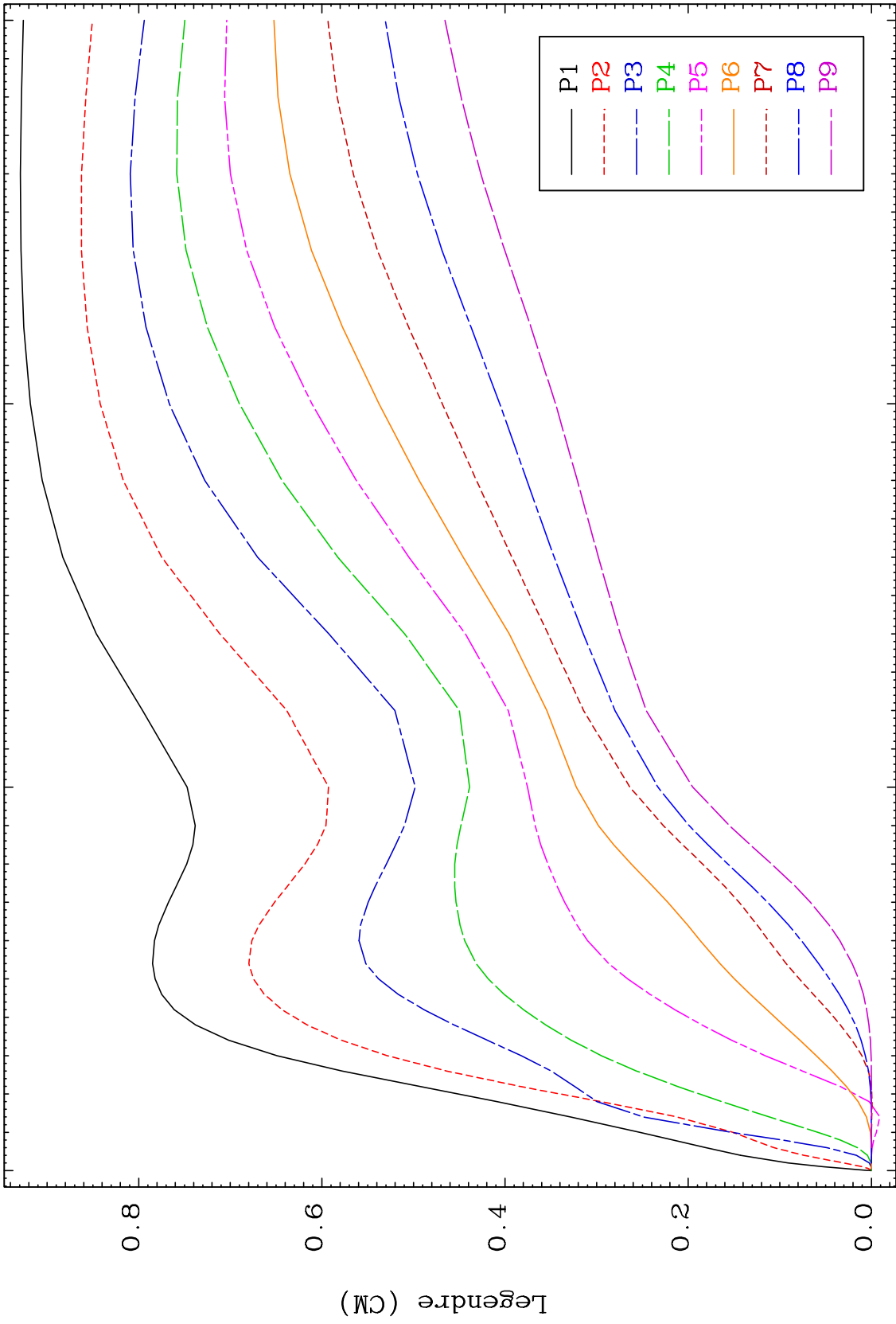




MAT 8119

Elastic Legendre Coefficients

81-T1-201



0

16

Incident Energy (MeV)

10

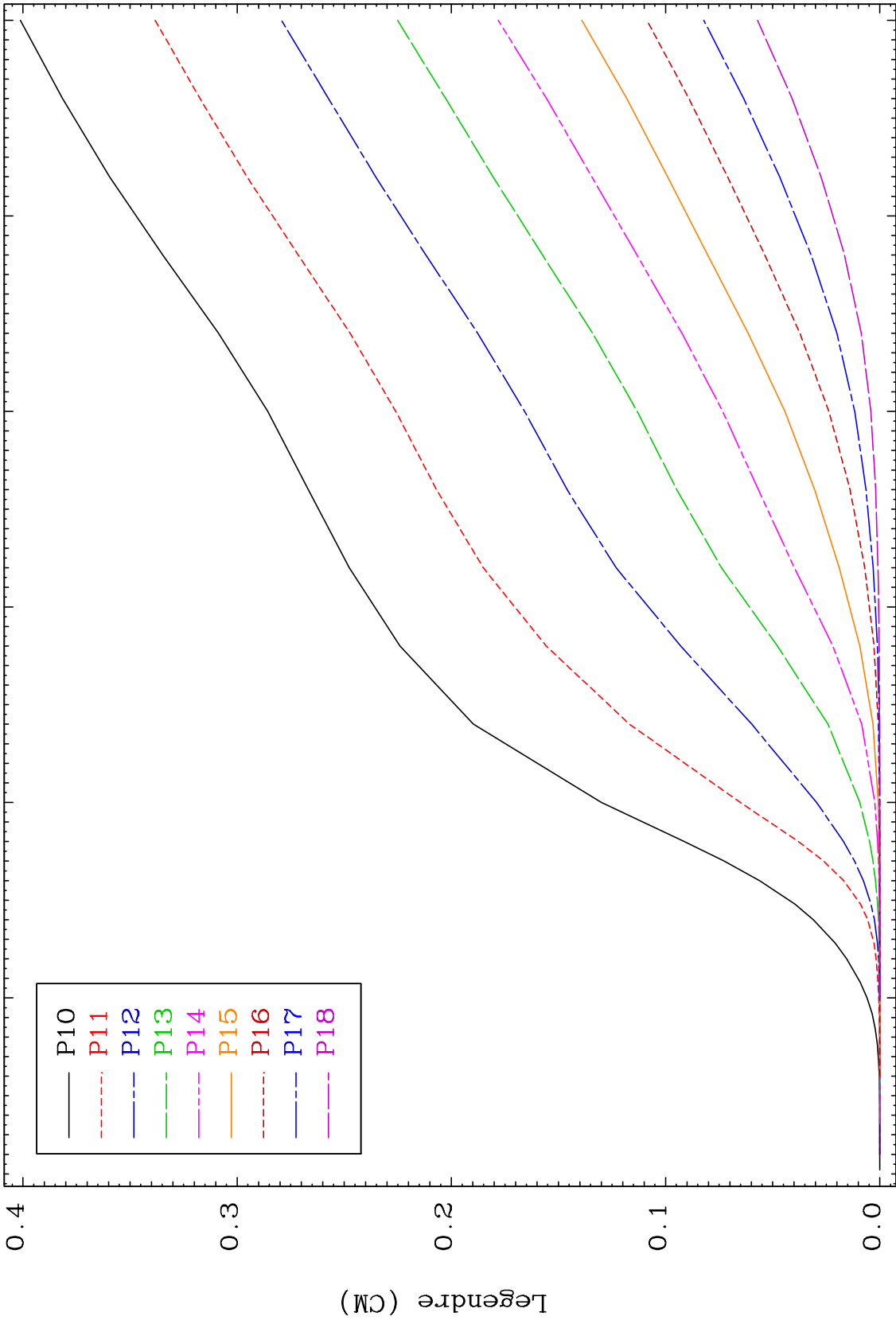
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81-T1-201

MAT 8119

Elastic Legendre Coefficients

81-T1-201



17

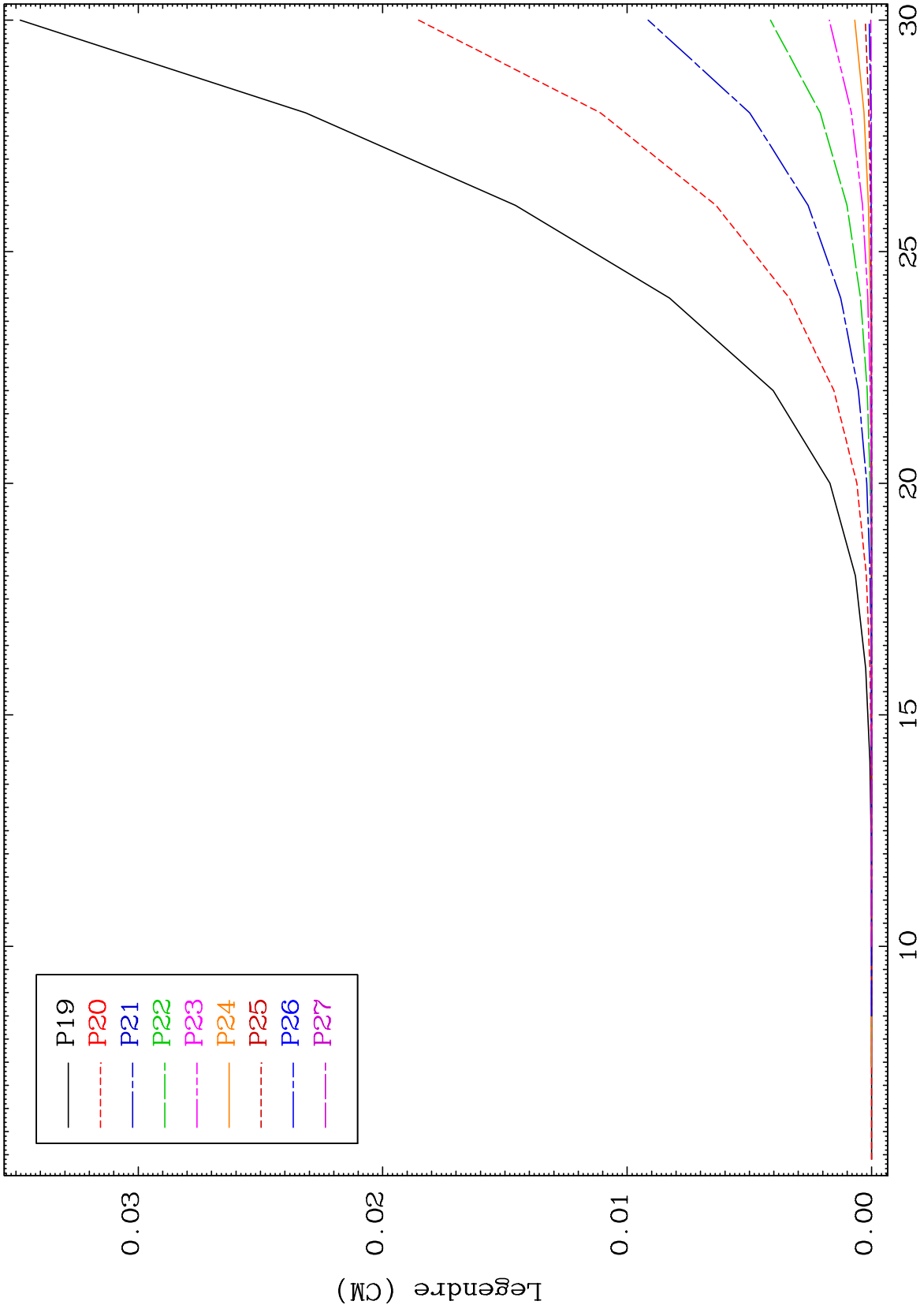
Incident Energy (MeV)

81-T1-201

MAT 8119

Elastic Legendre Coefficients

81-T1-201



18

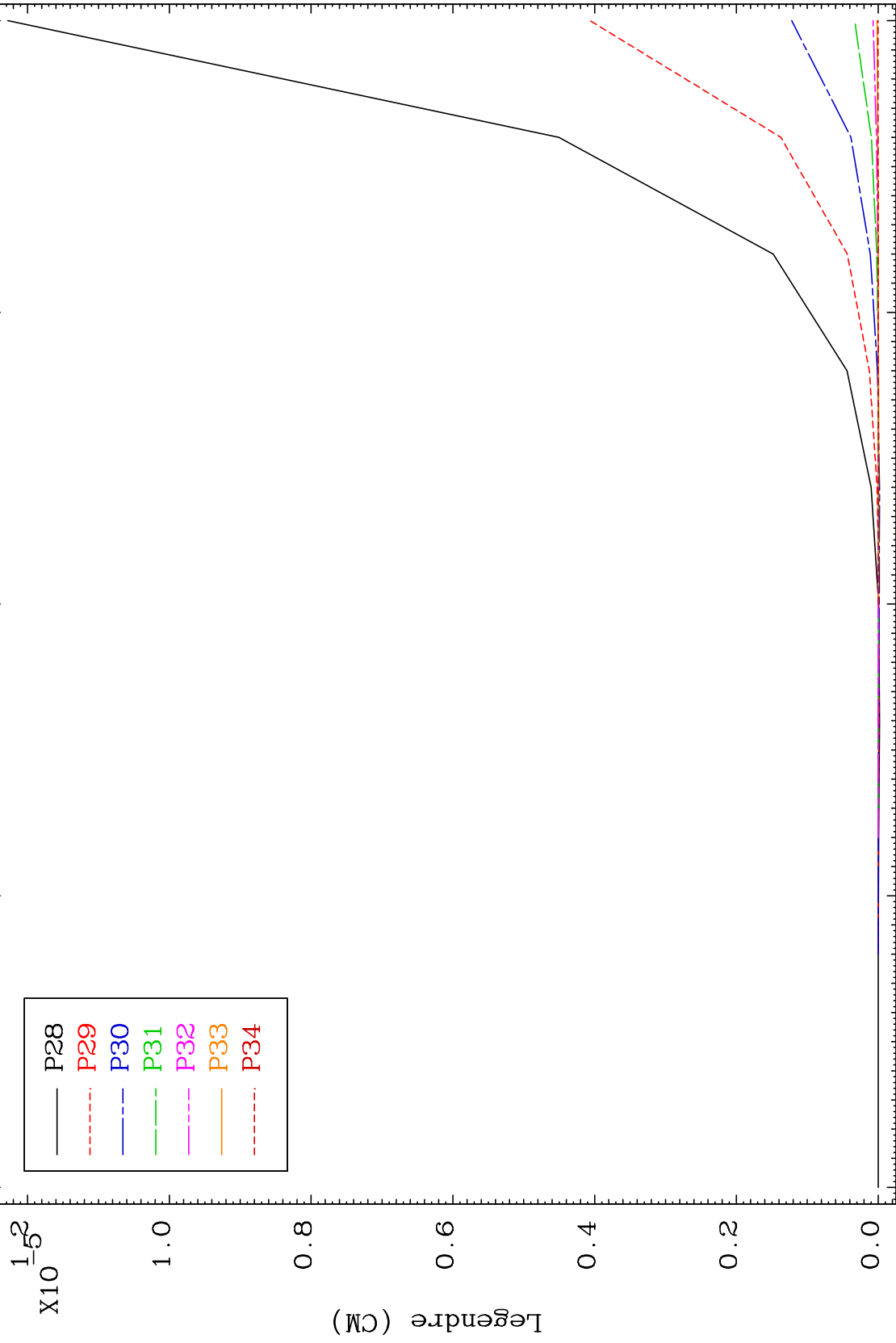
Incident Energy (MeV)

81-T1-201

MAT 8119

Elastic Legendre Coefficients

81-T1-201



19

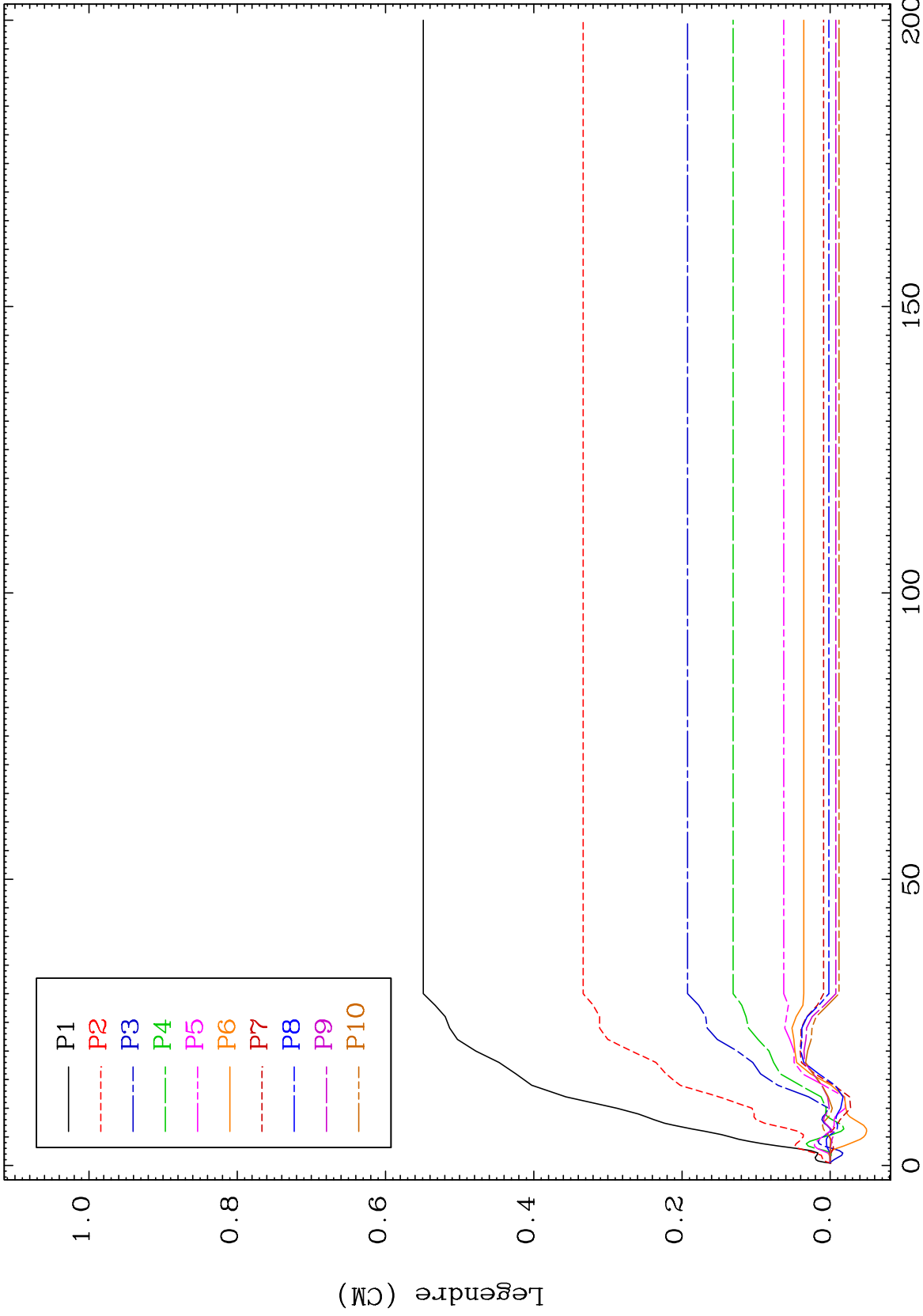
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



20

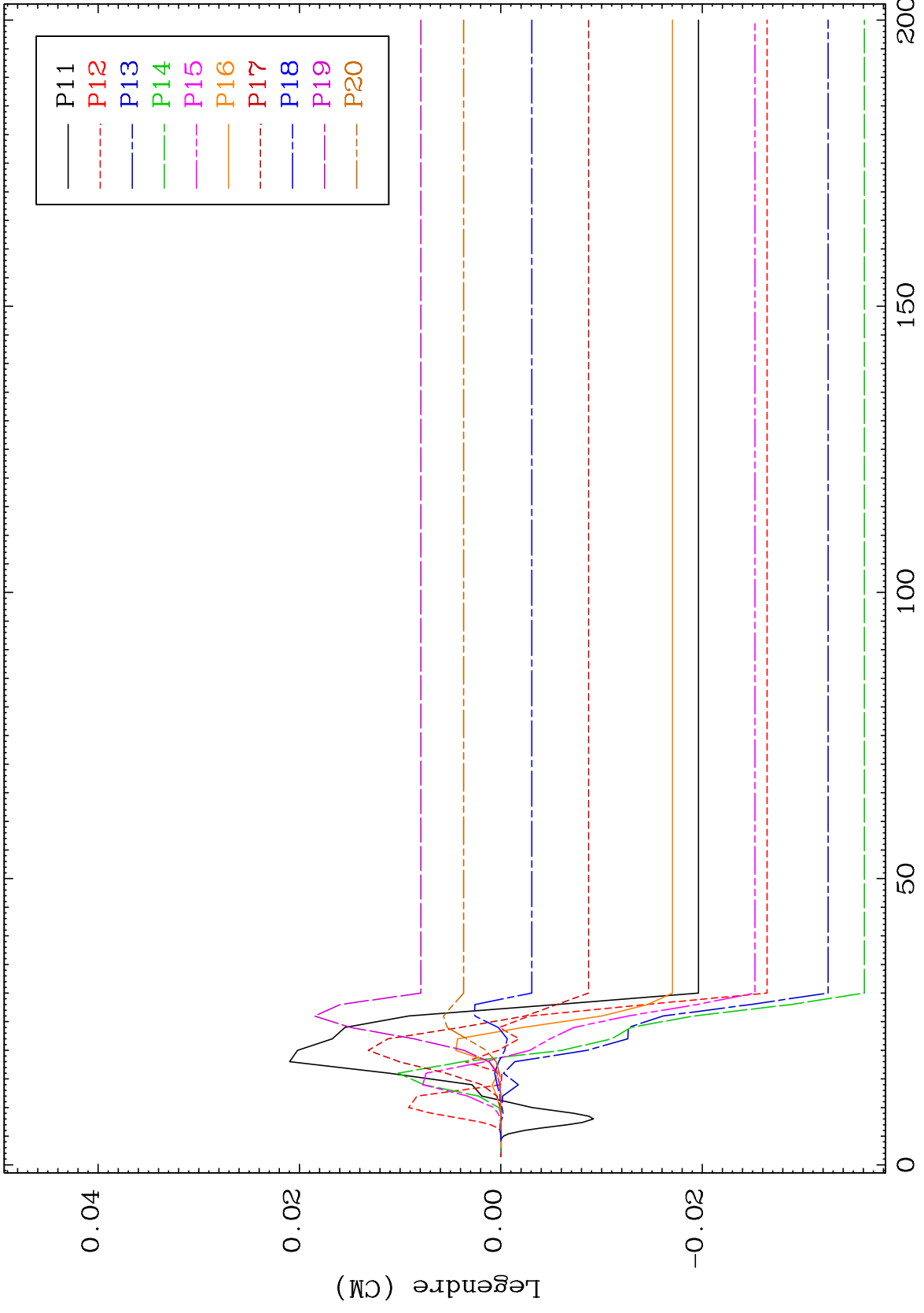
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



21

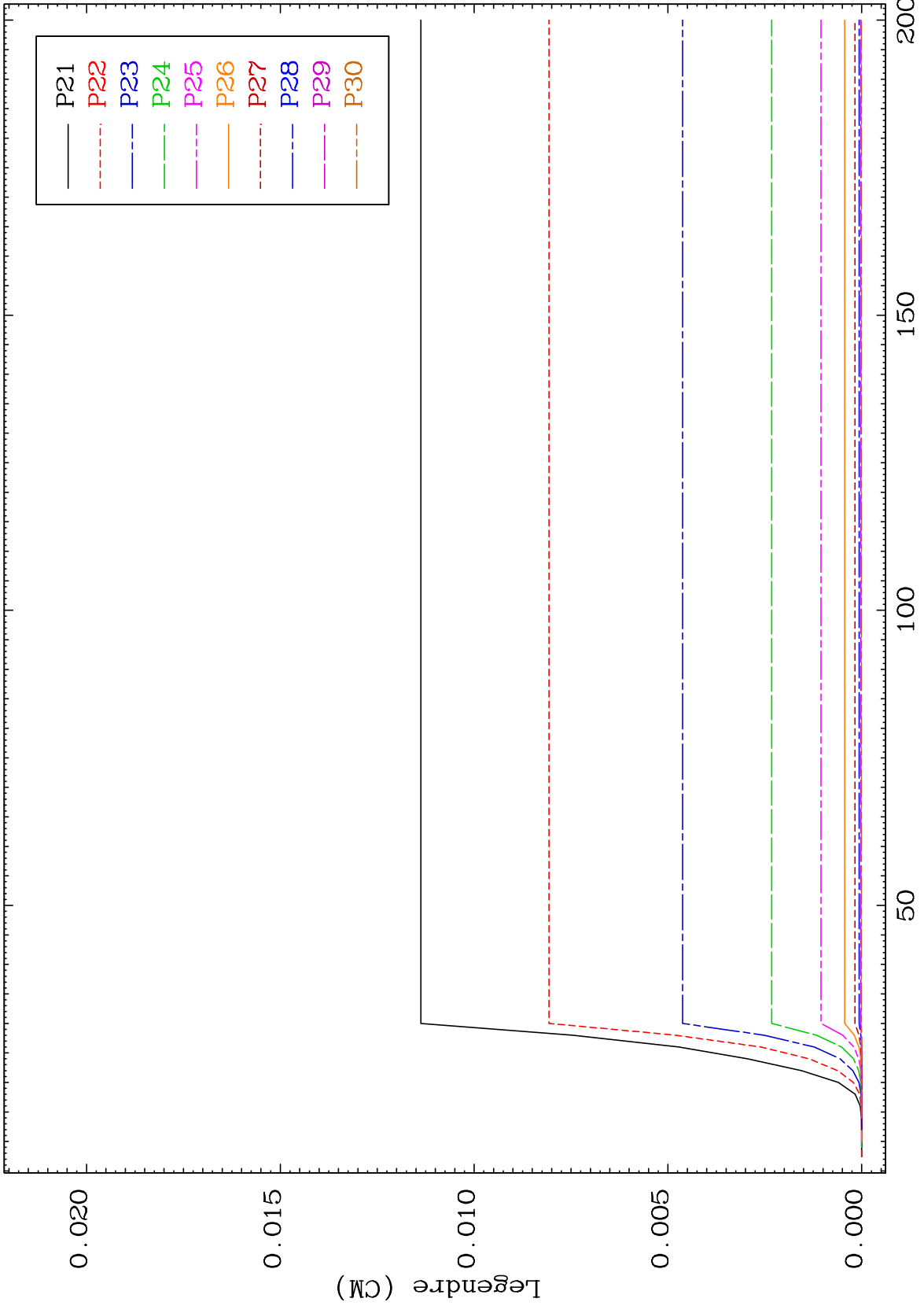
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



22

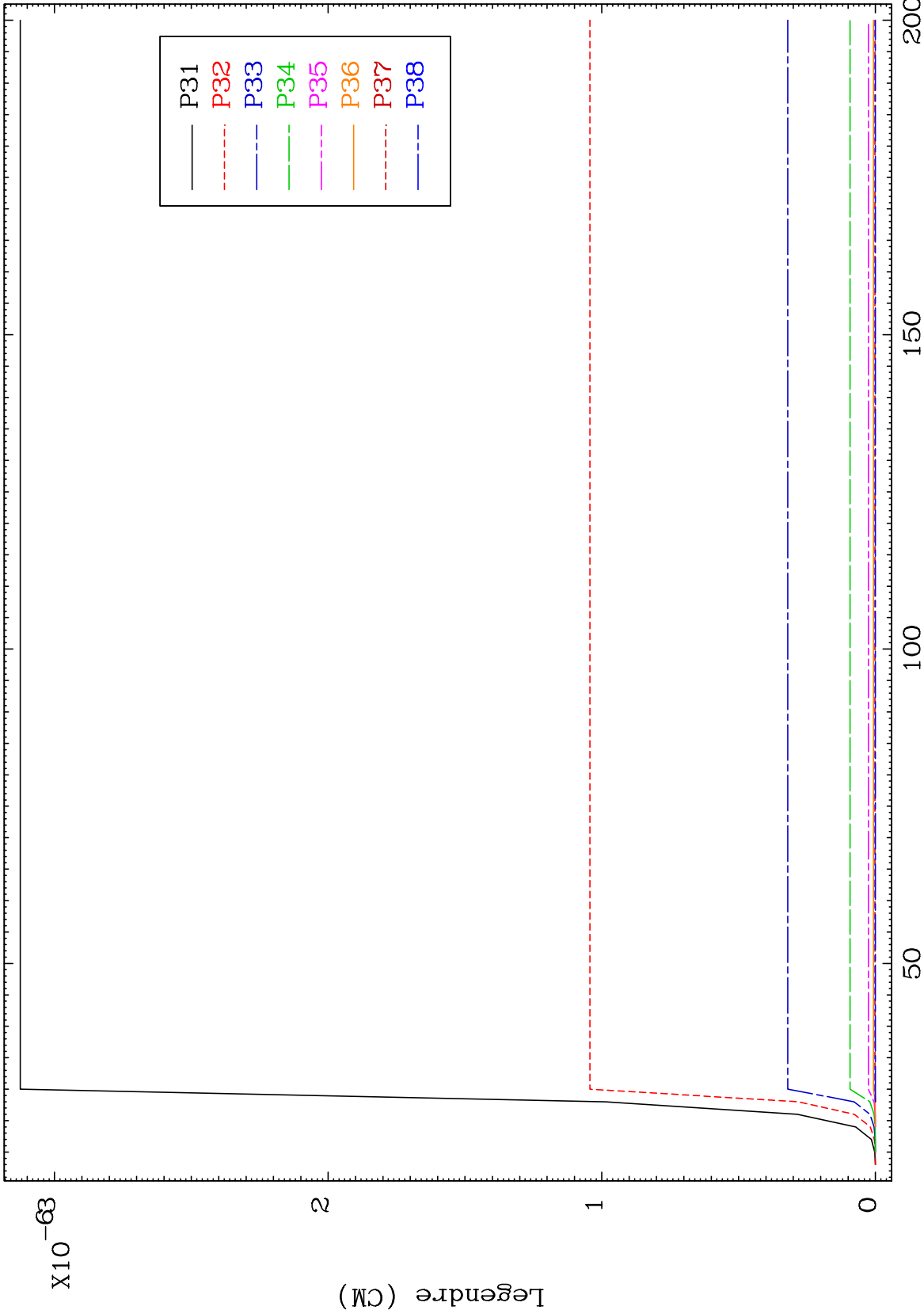
Incident Energy (MeV)

81-T1-201

MAT 8119

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

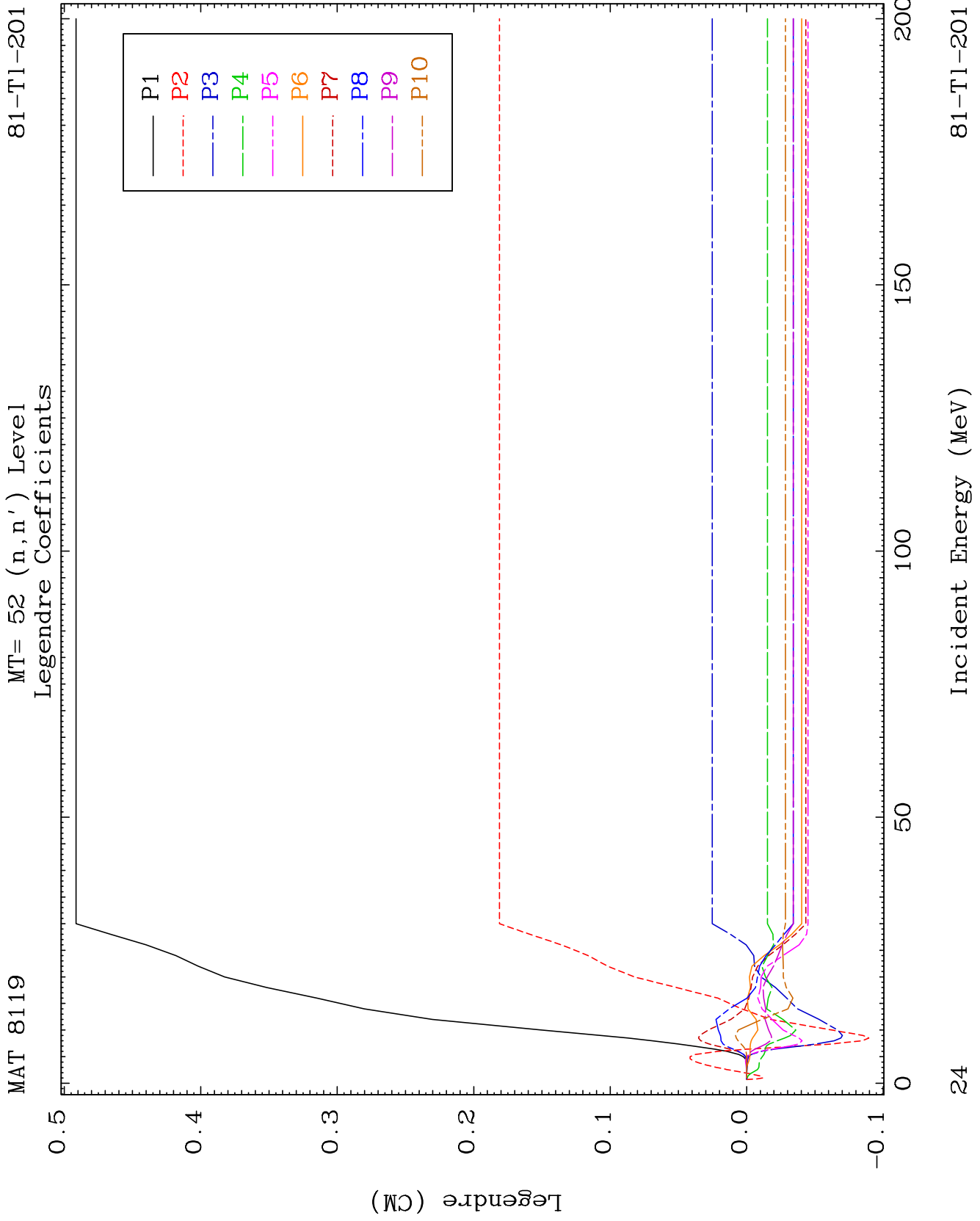
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23

Incident Energy (MeV)

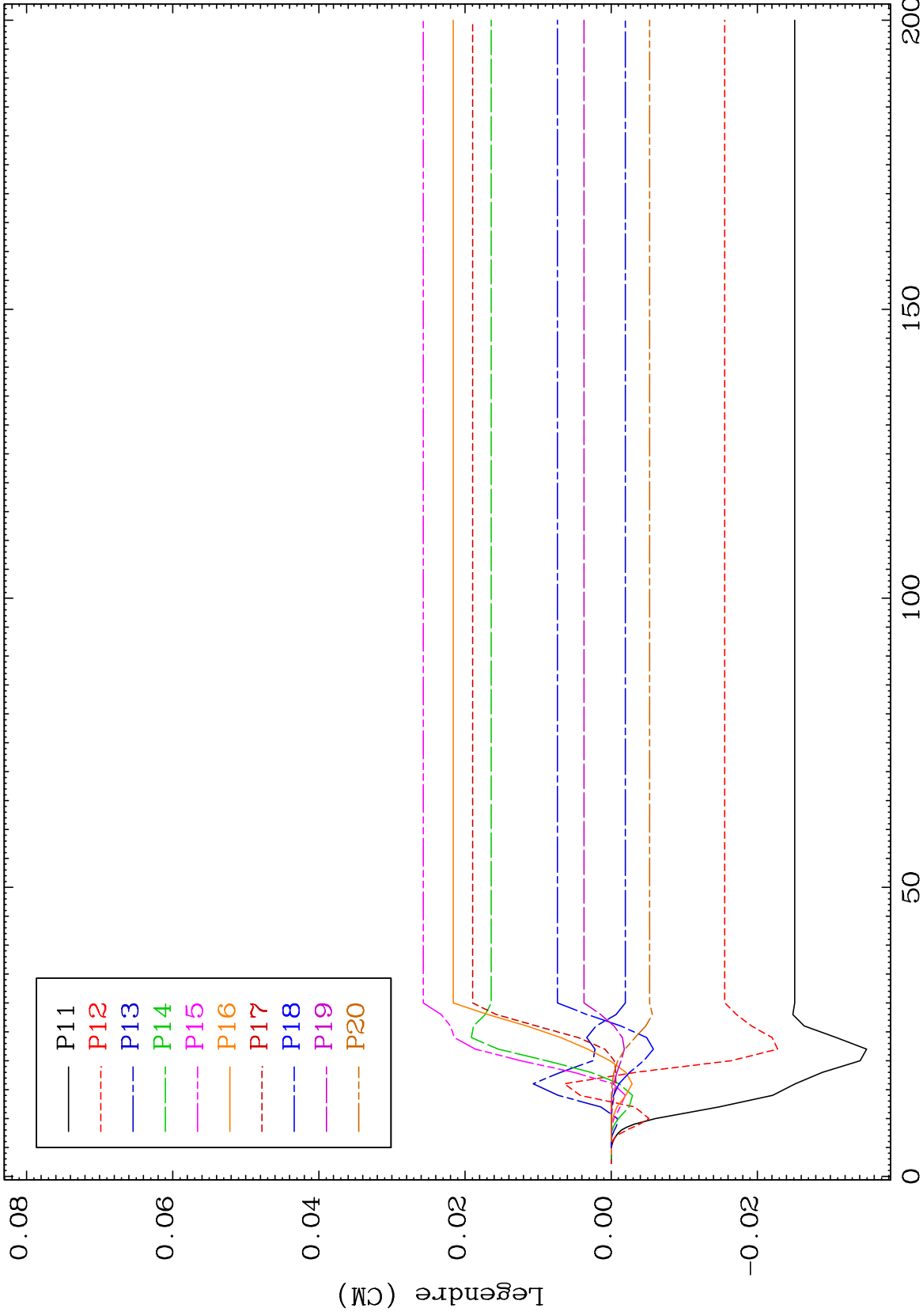
81-T1-201



MAT 81119

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

81-T1-201



25

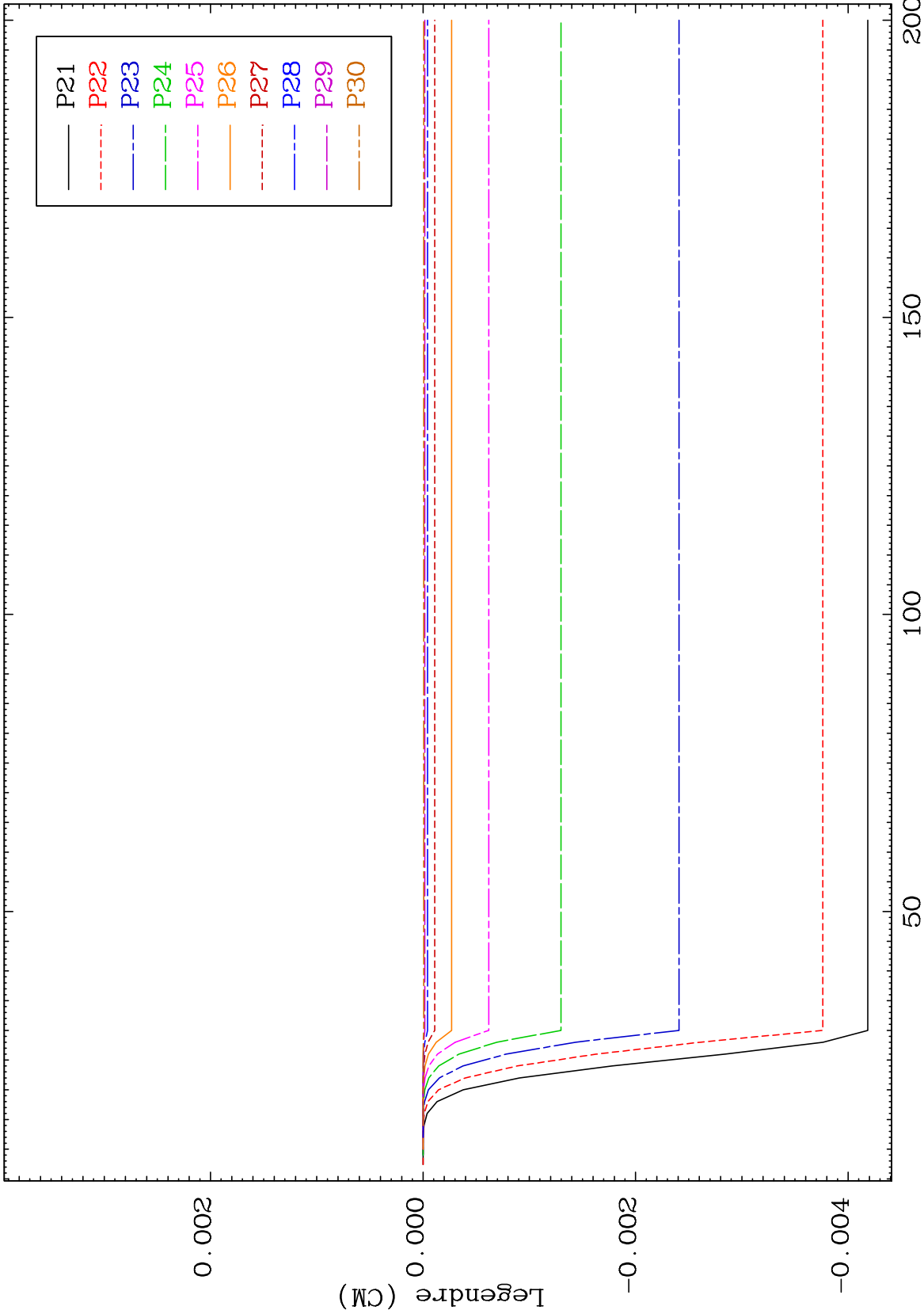
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201

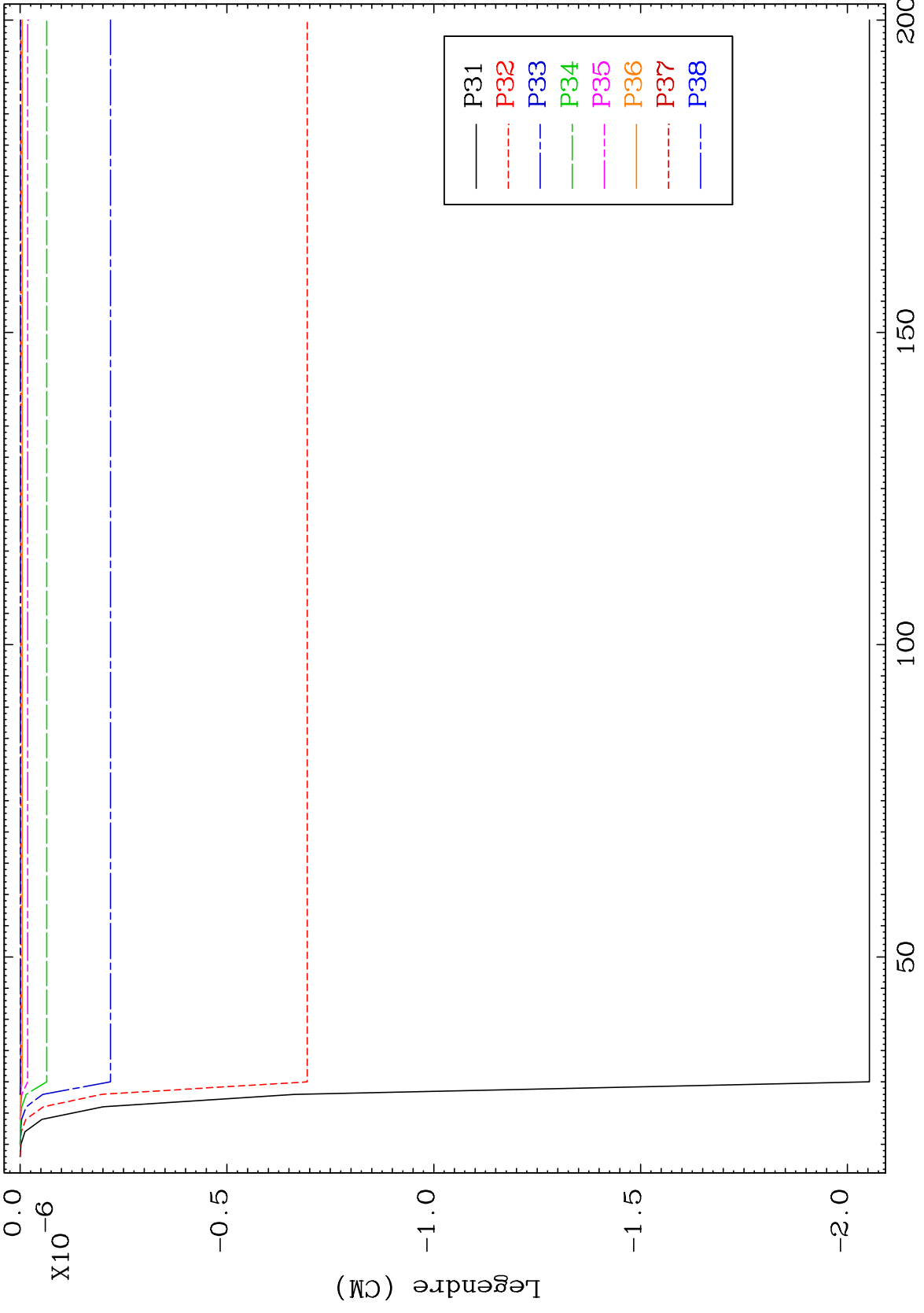


26

Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 52 (n,n') Level Legendre Coefficients 81-T1-201

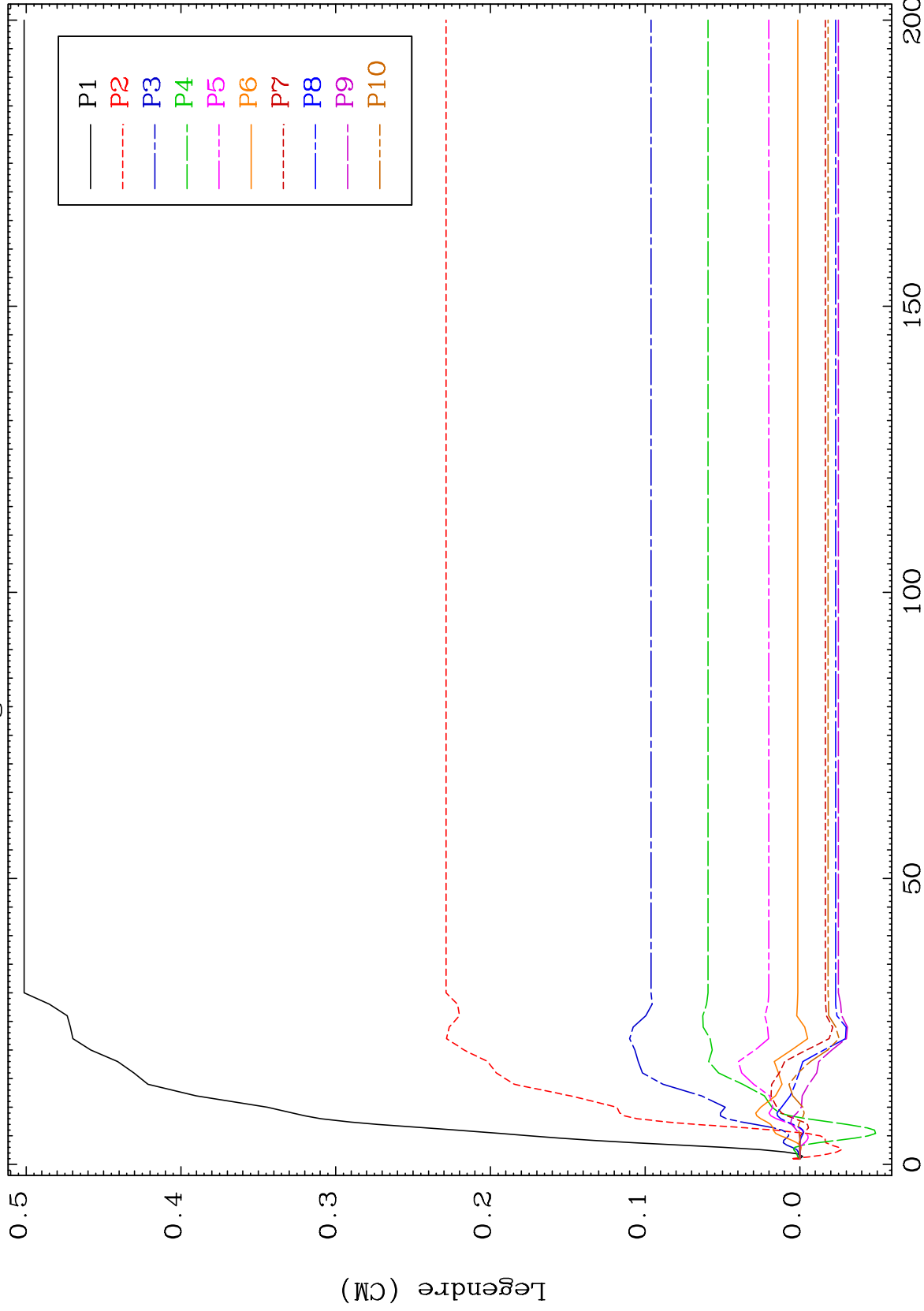


27 81-T1-201

MAT 8119

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

81-T1-201



28

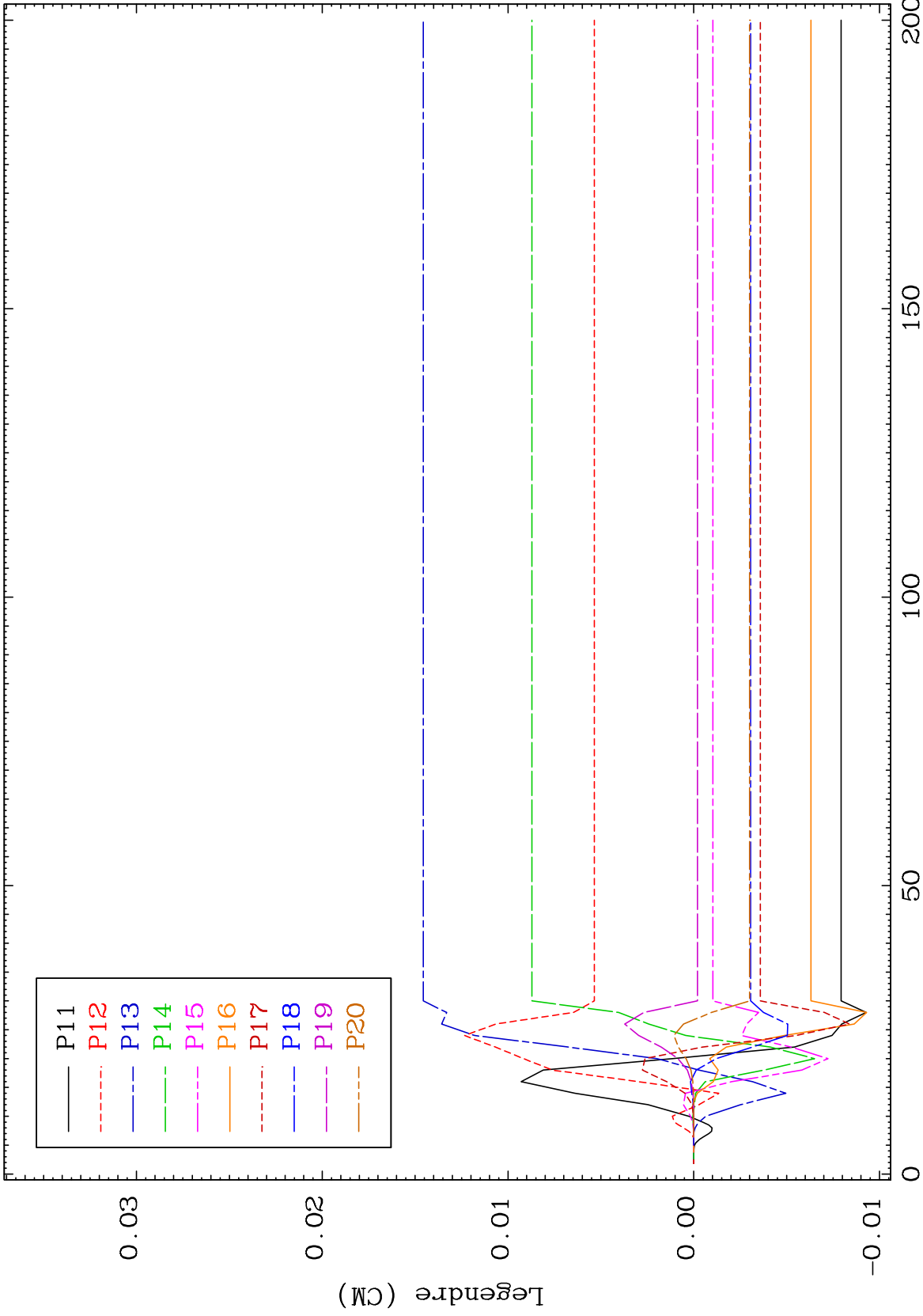
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



29

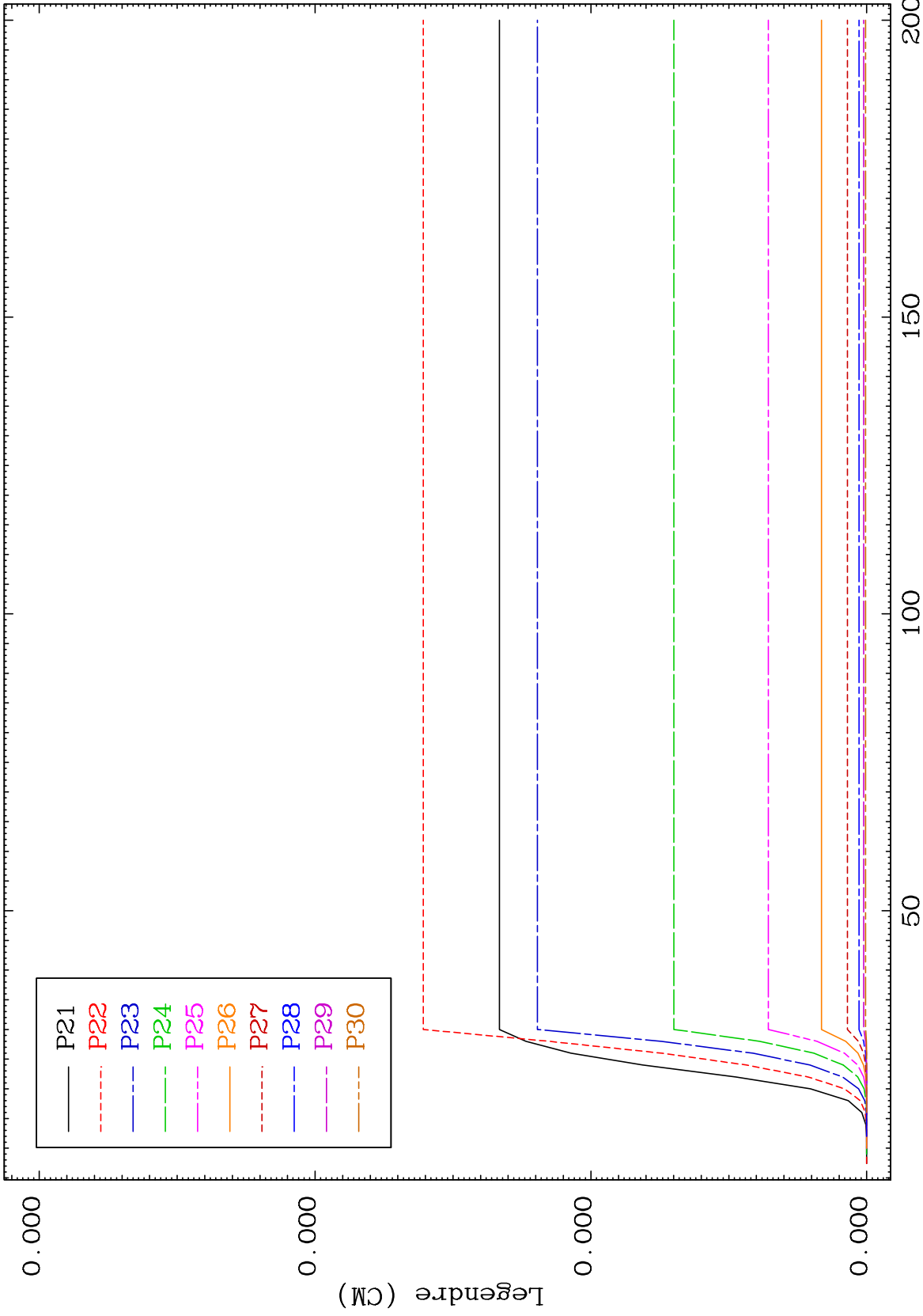
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



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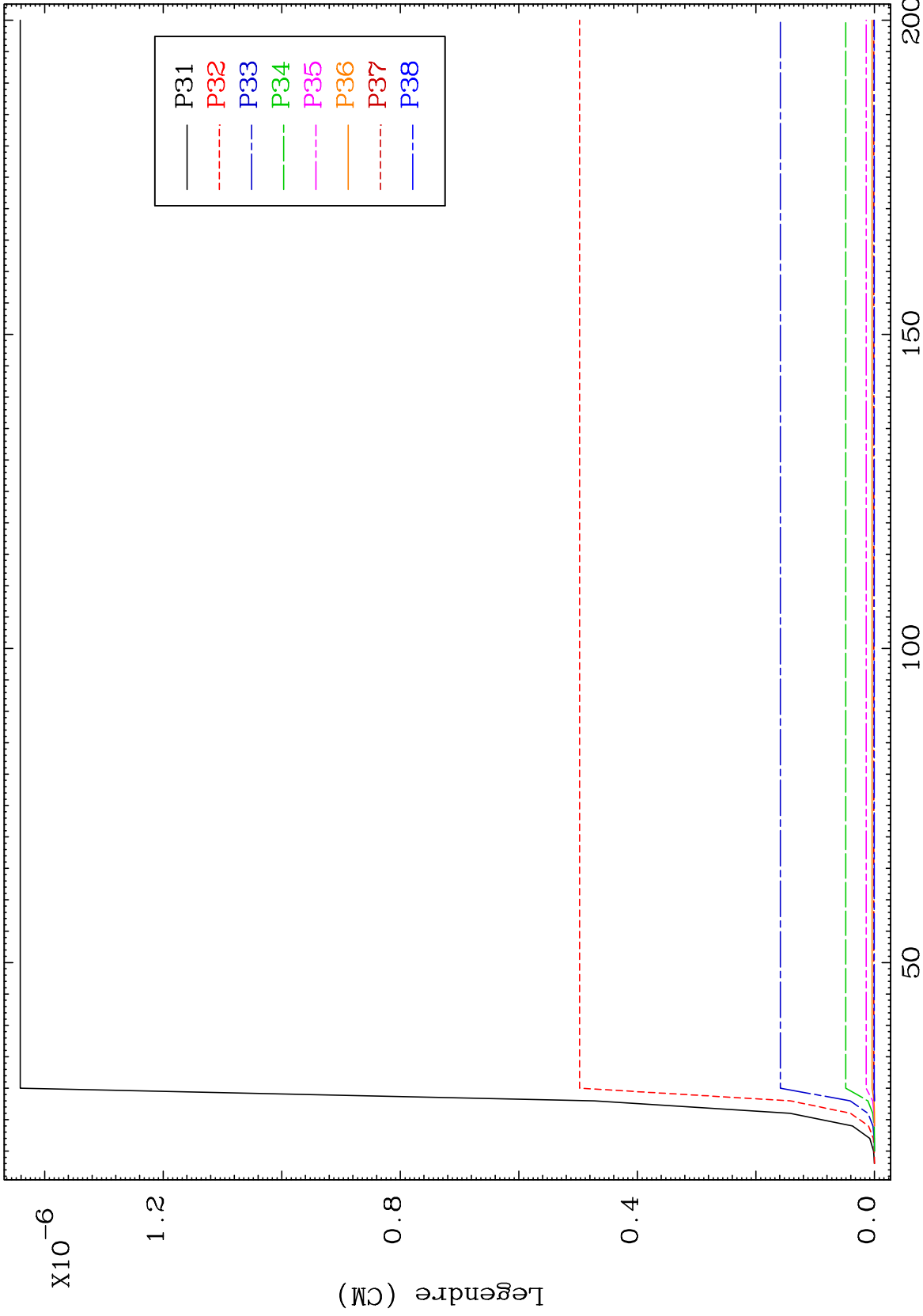
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



31

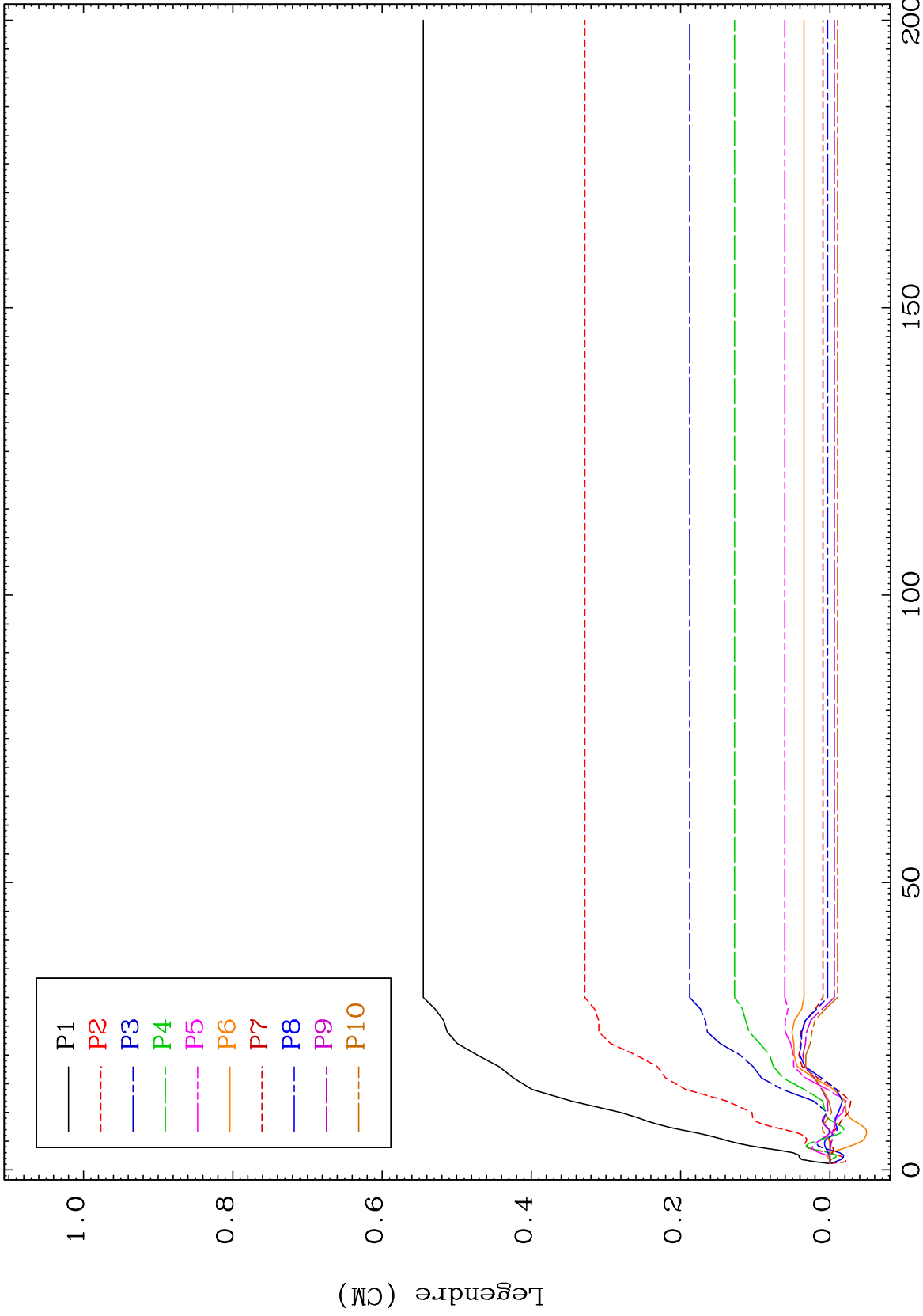
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



32

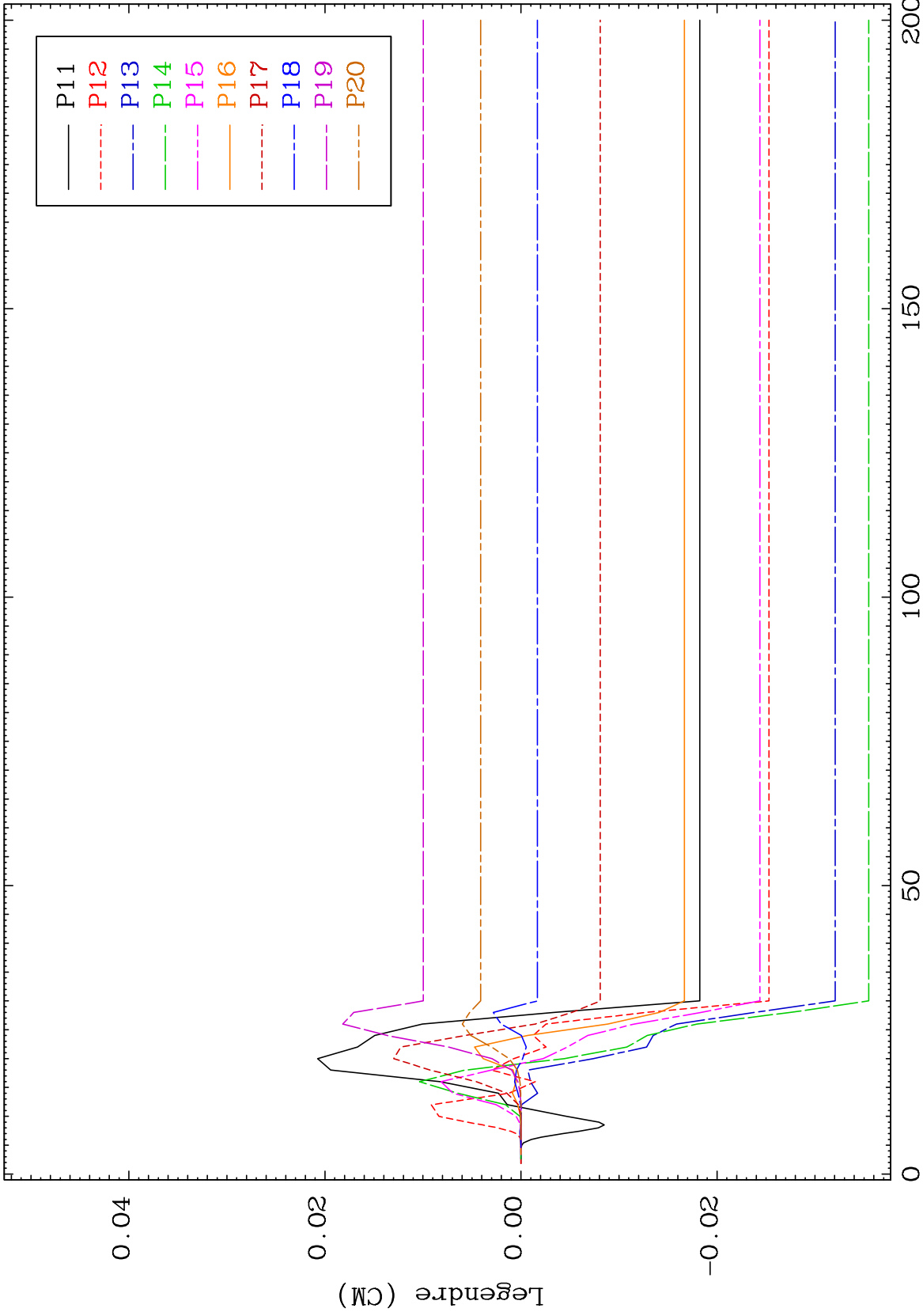
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



33

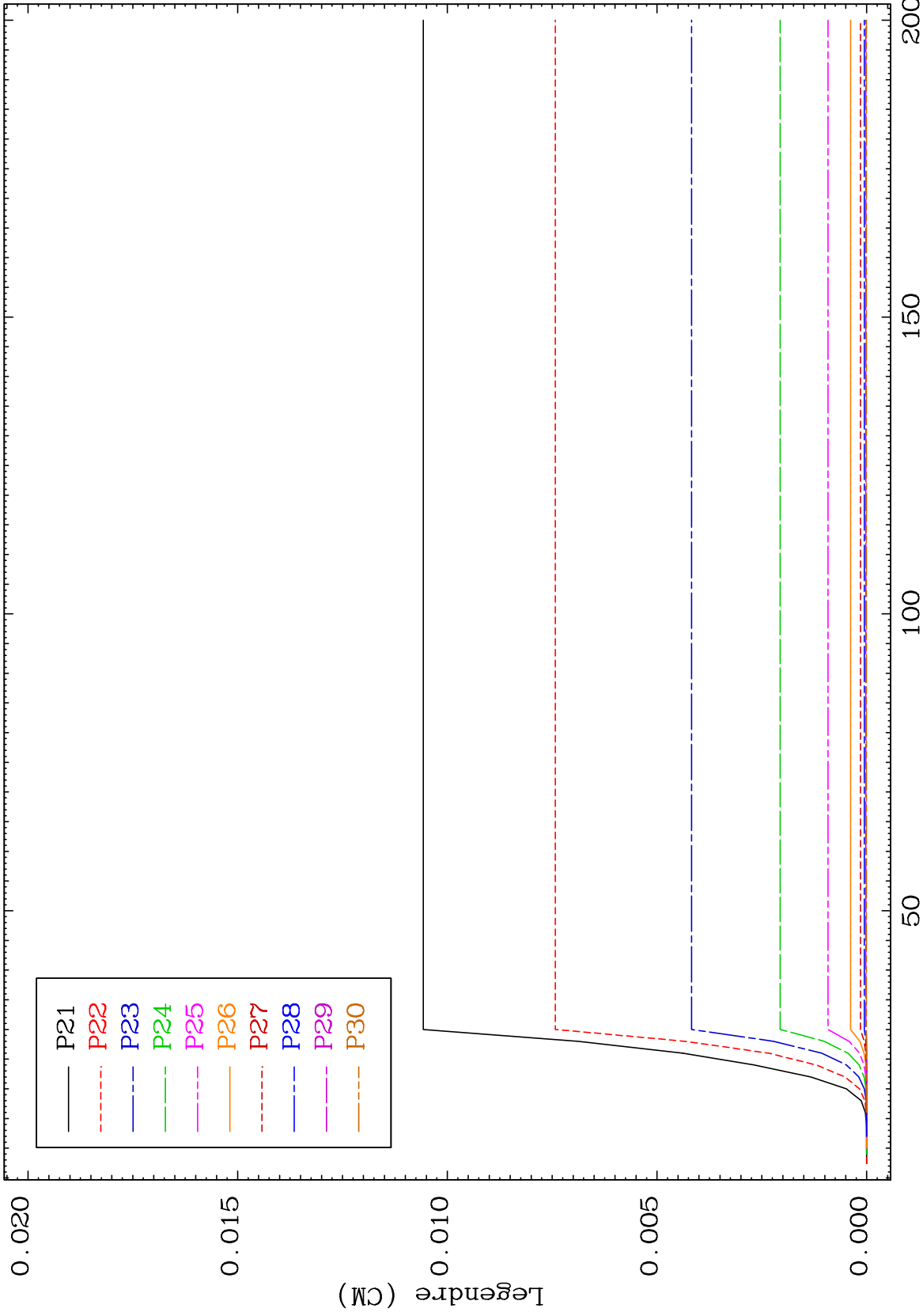
Incident Energy (MeV)

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MAT 8119

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

81-T1-201



34

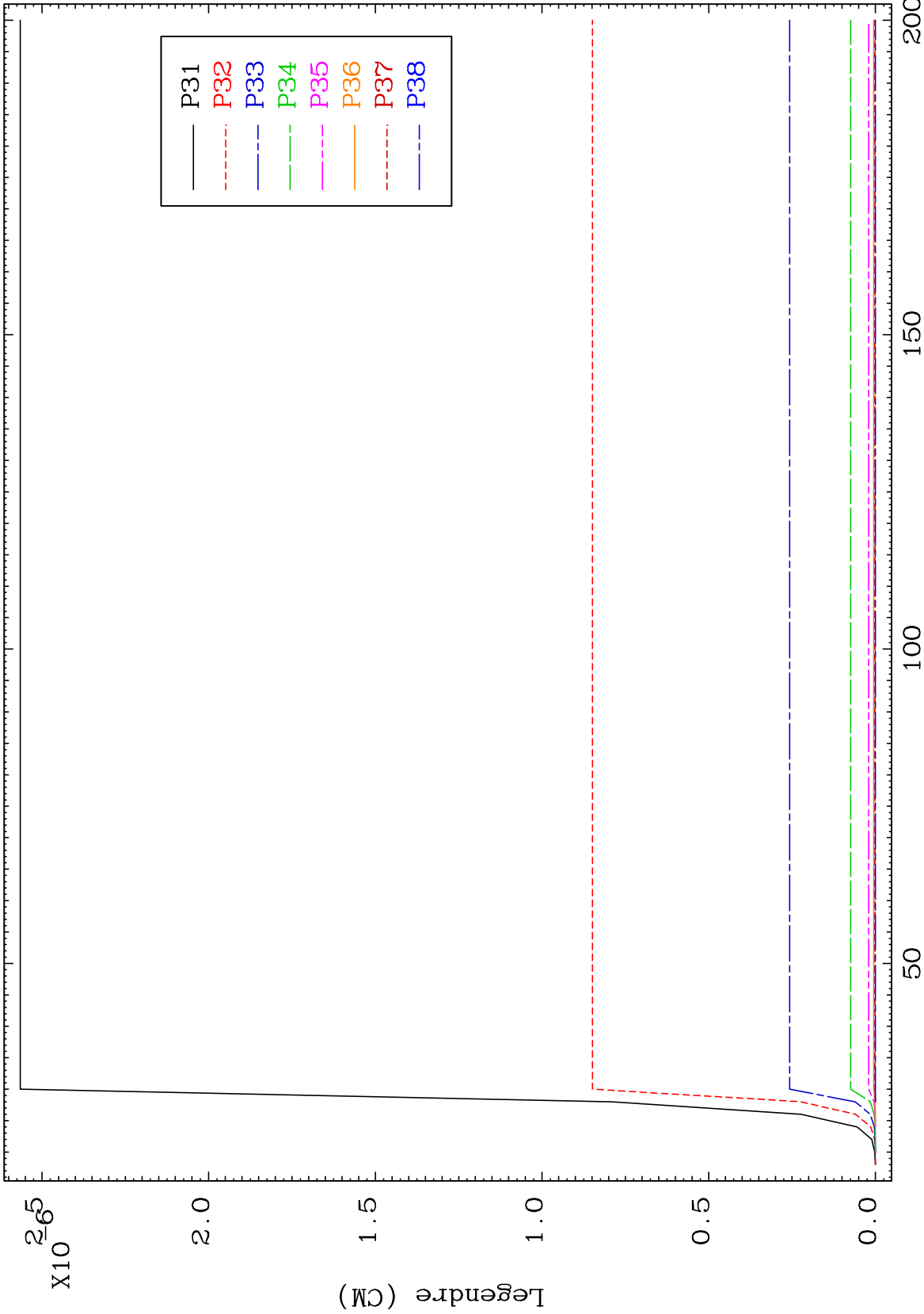
Incident Energy (MeV)

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MAT 8119

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

81-T1-201



35

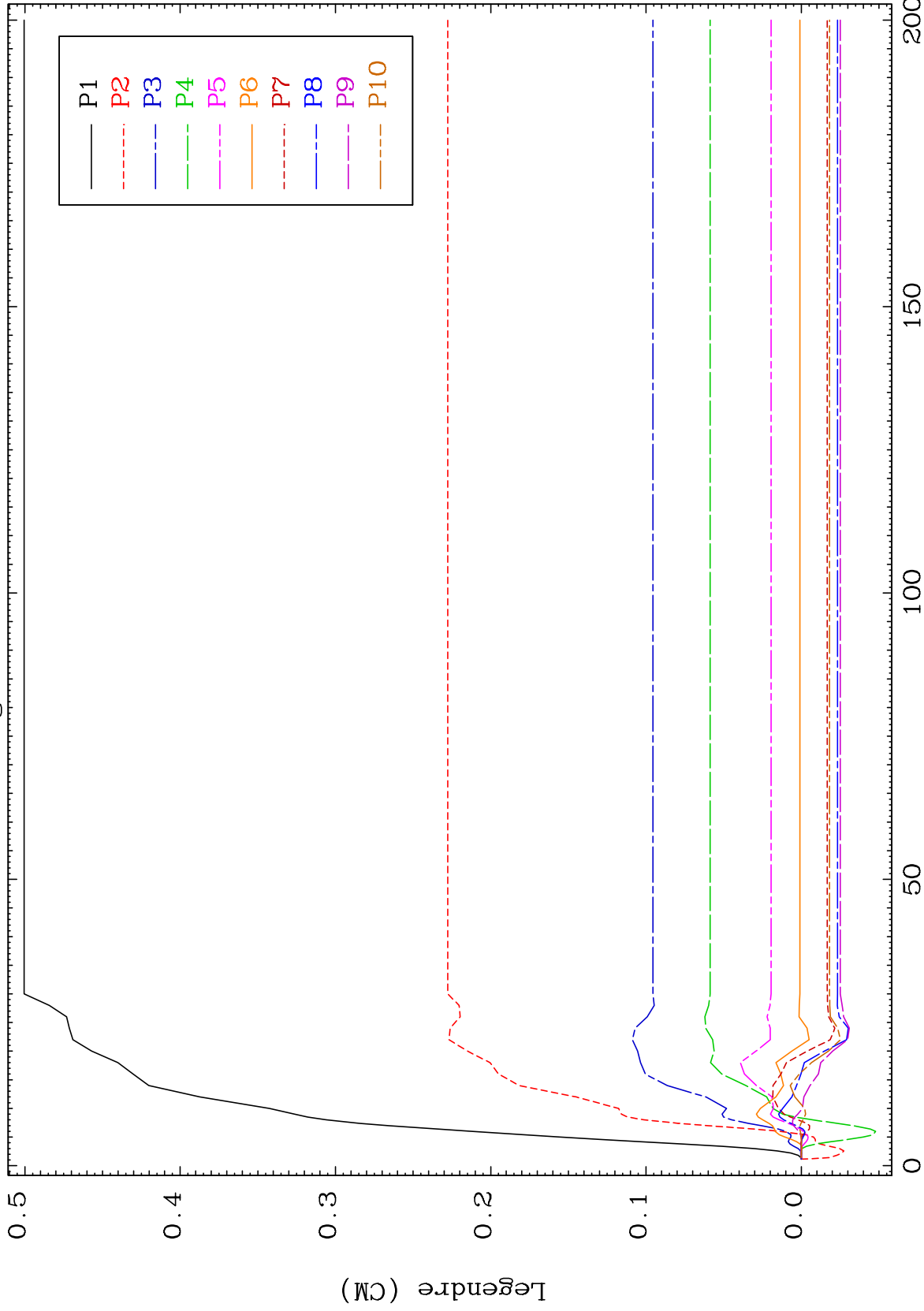
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



36

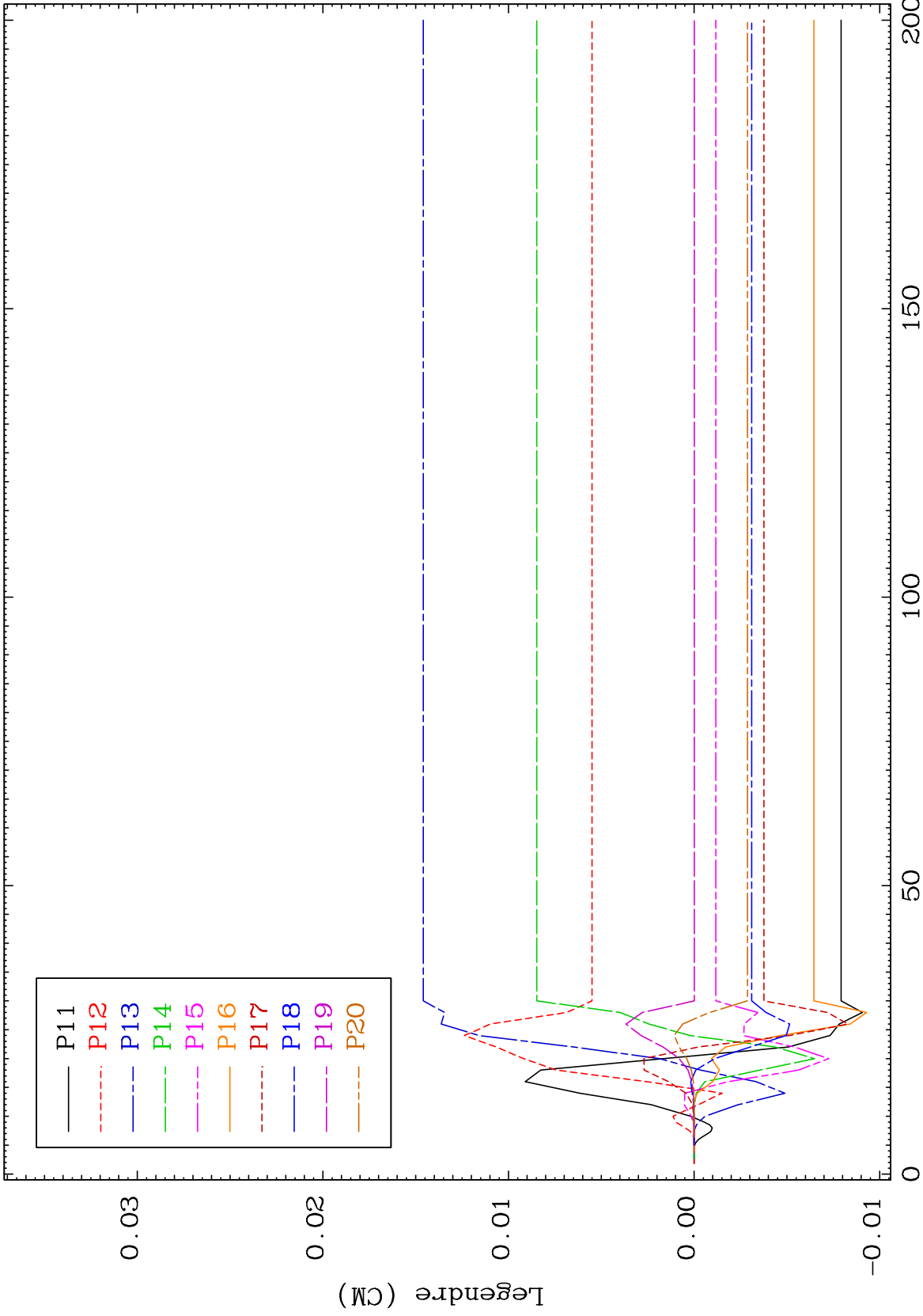
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



37

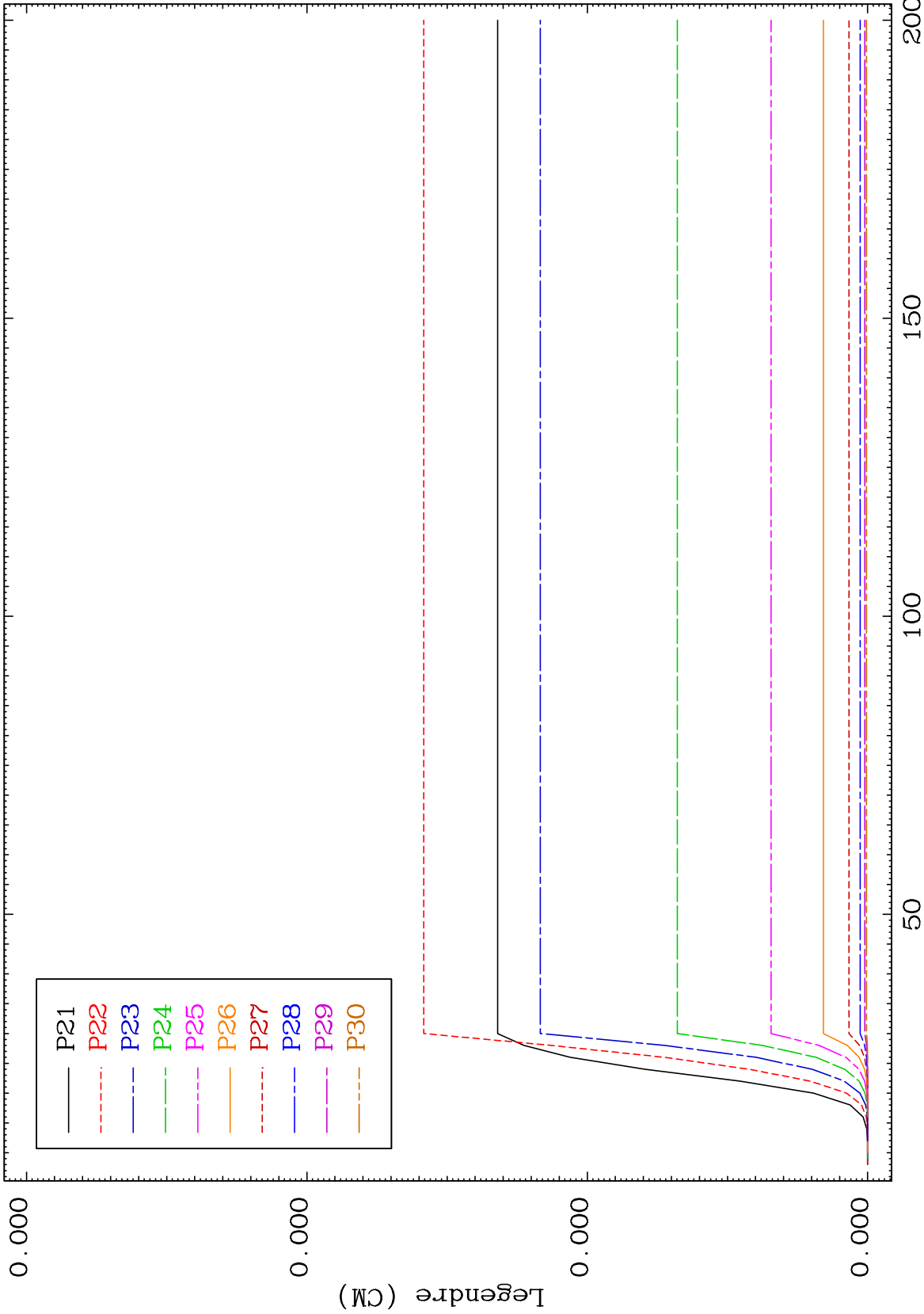
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



38

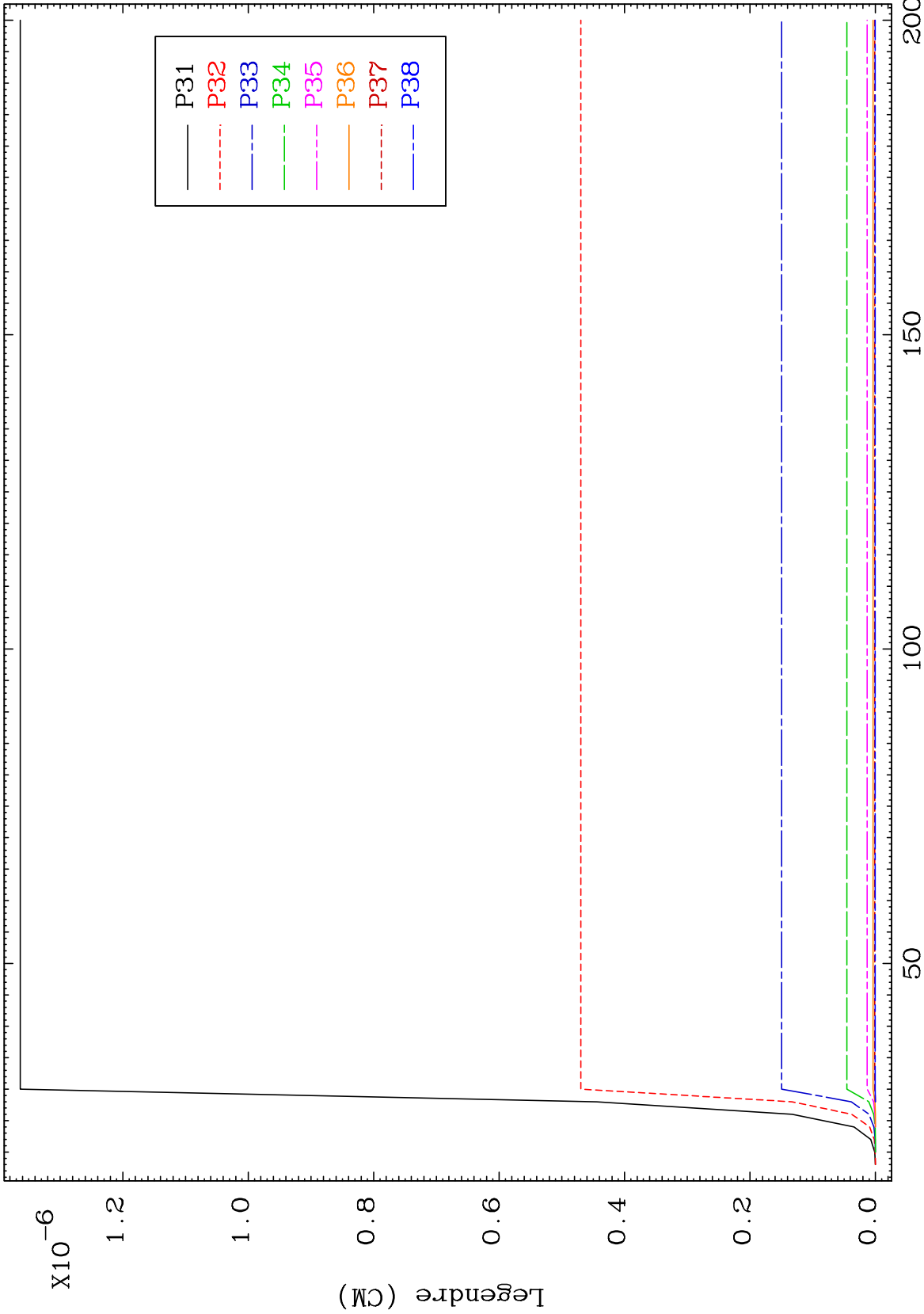
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



39

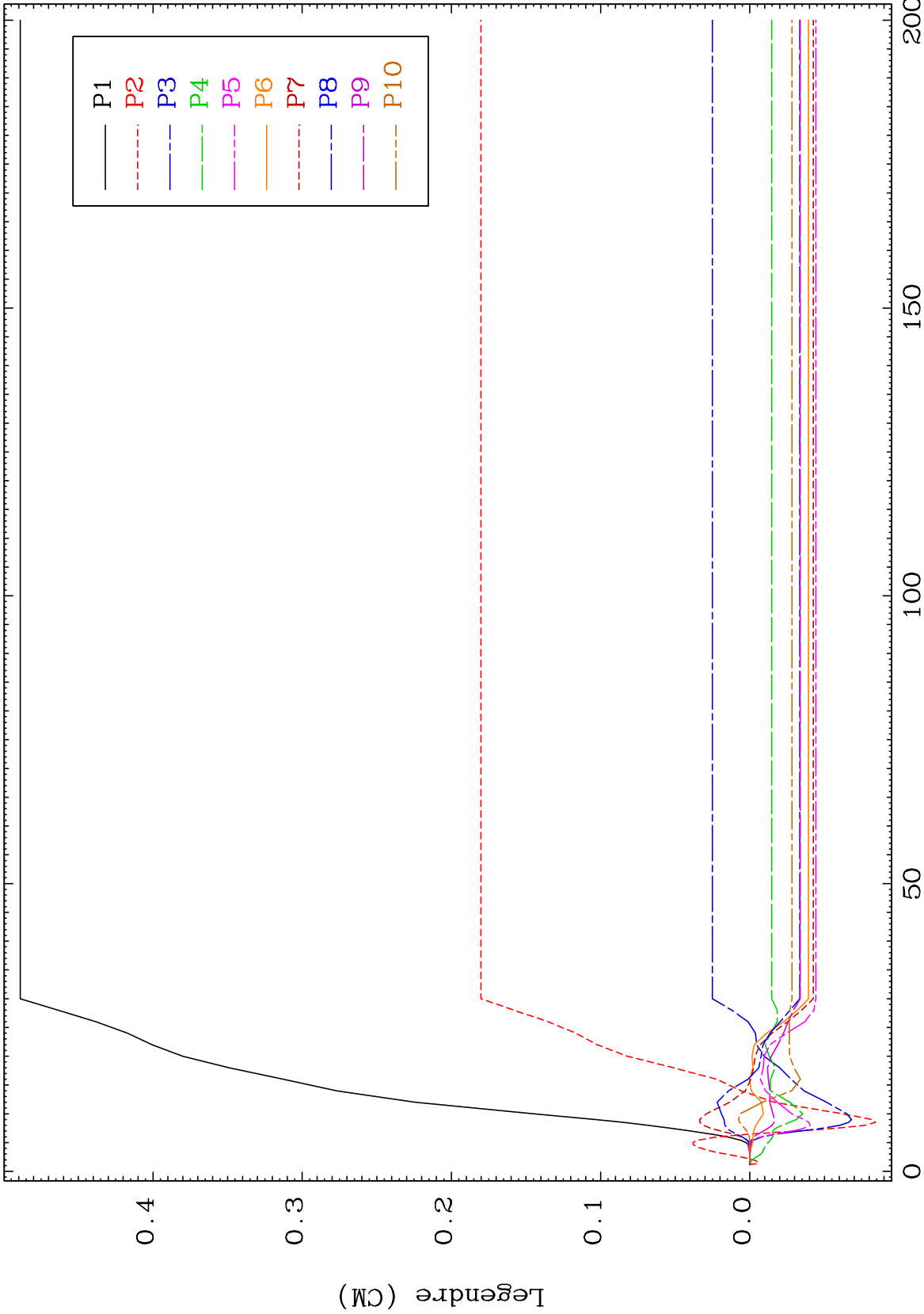
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



40

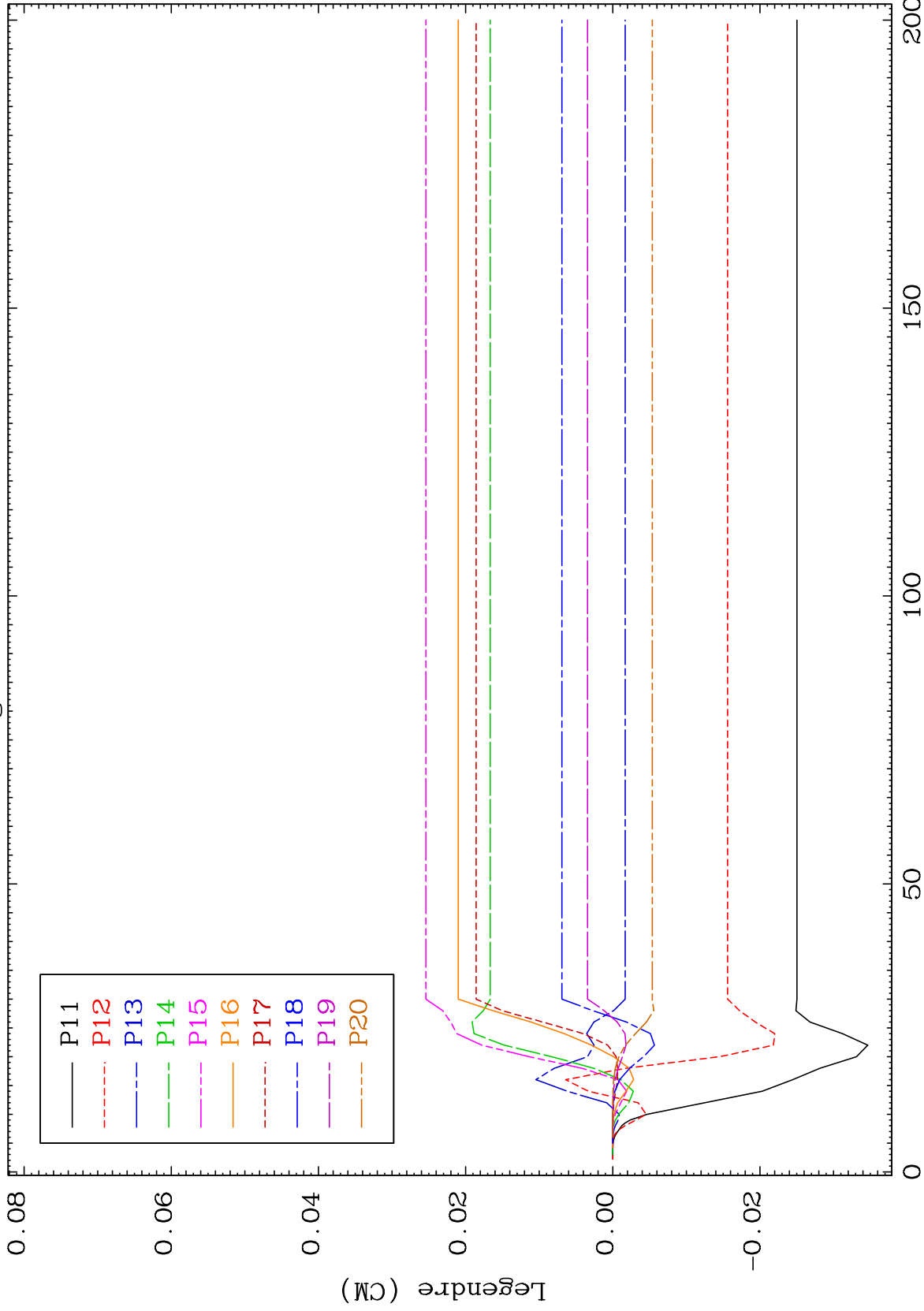
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



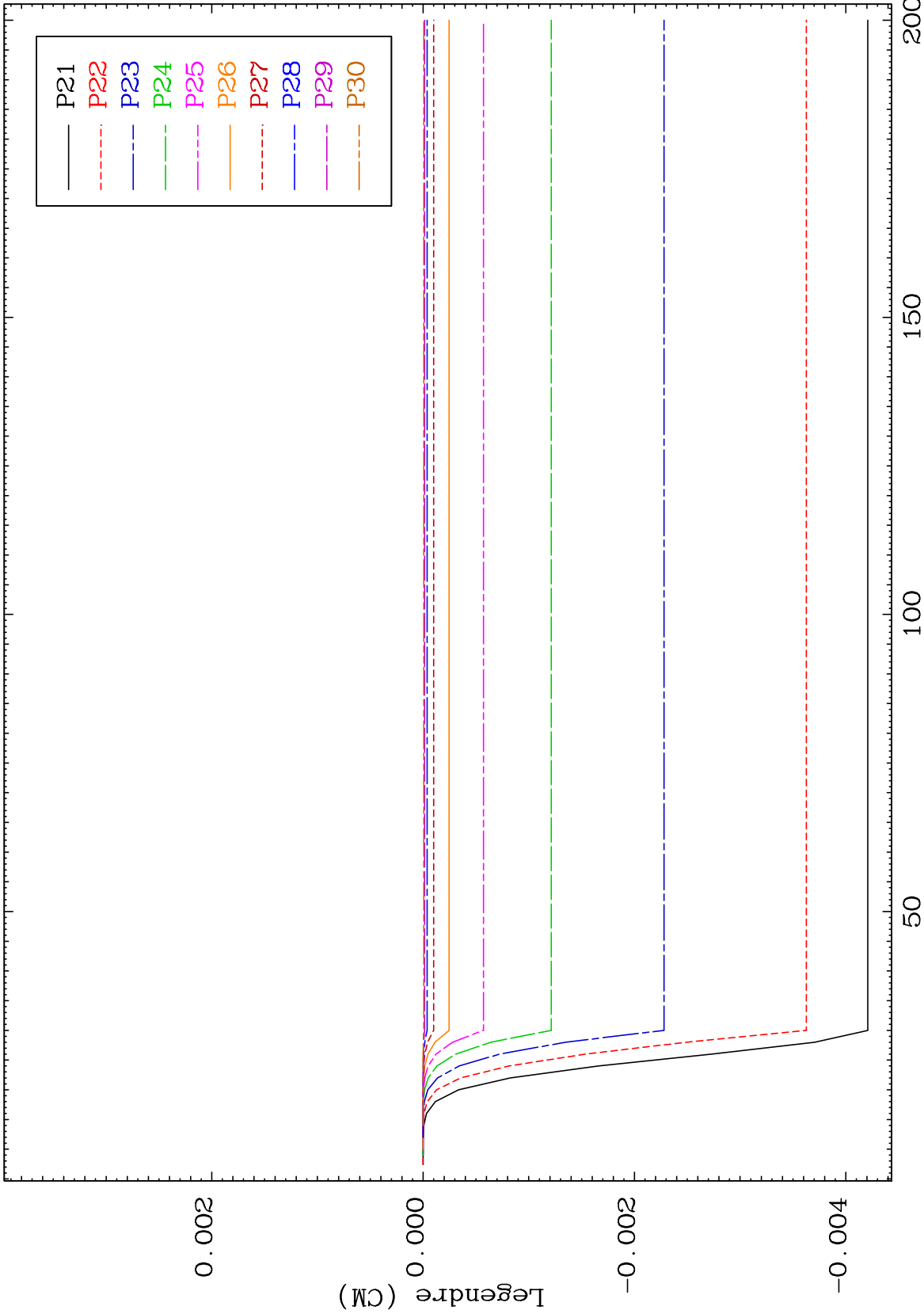
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81-T1-201

MAT 8119

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

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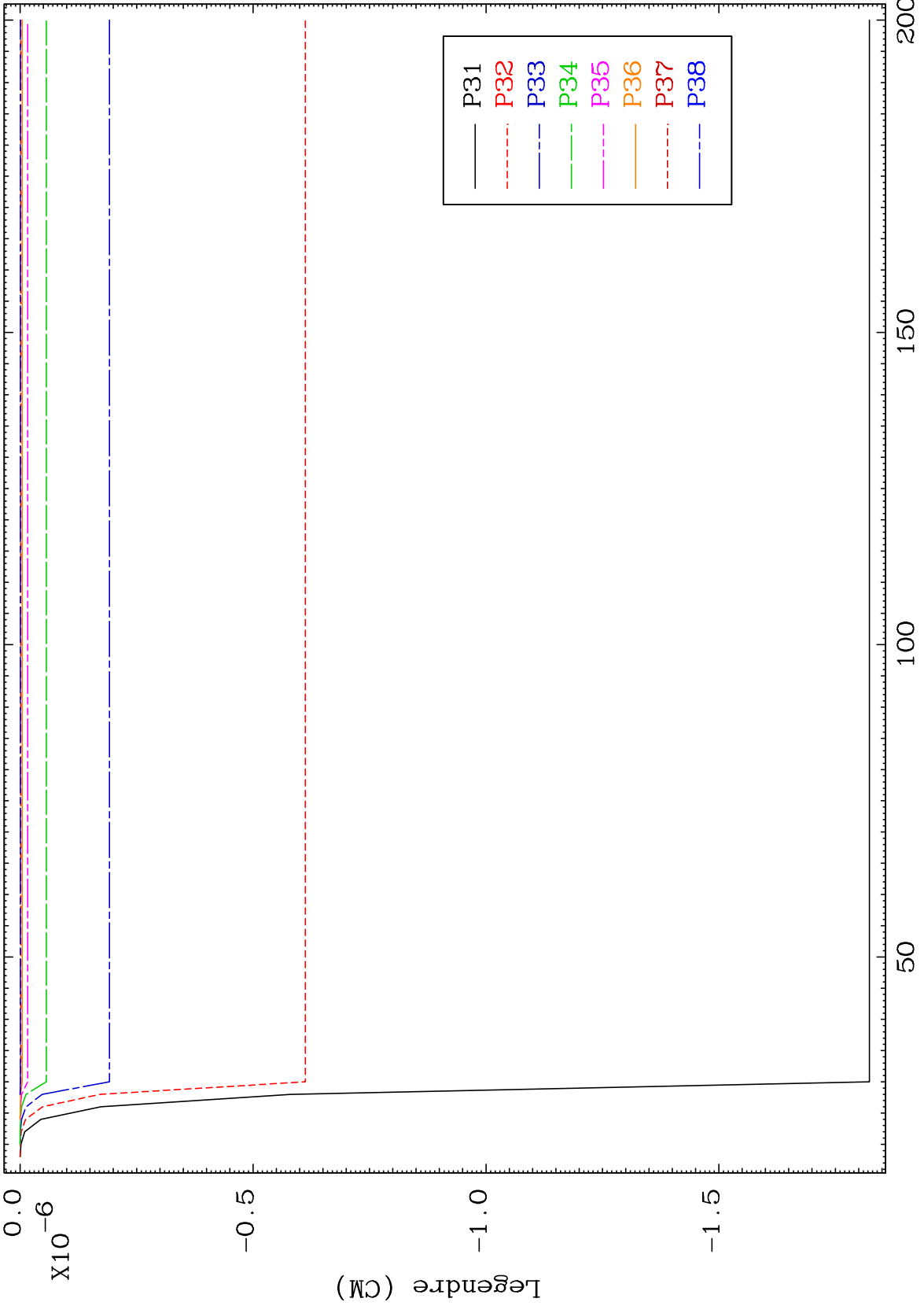


42

Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 56 (n,n') Level Legendre Coefficients 81-T1-201

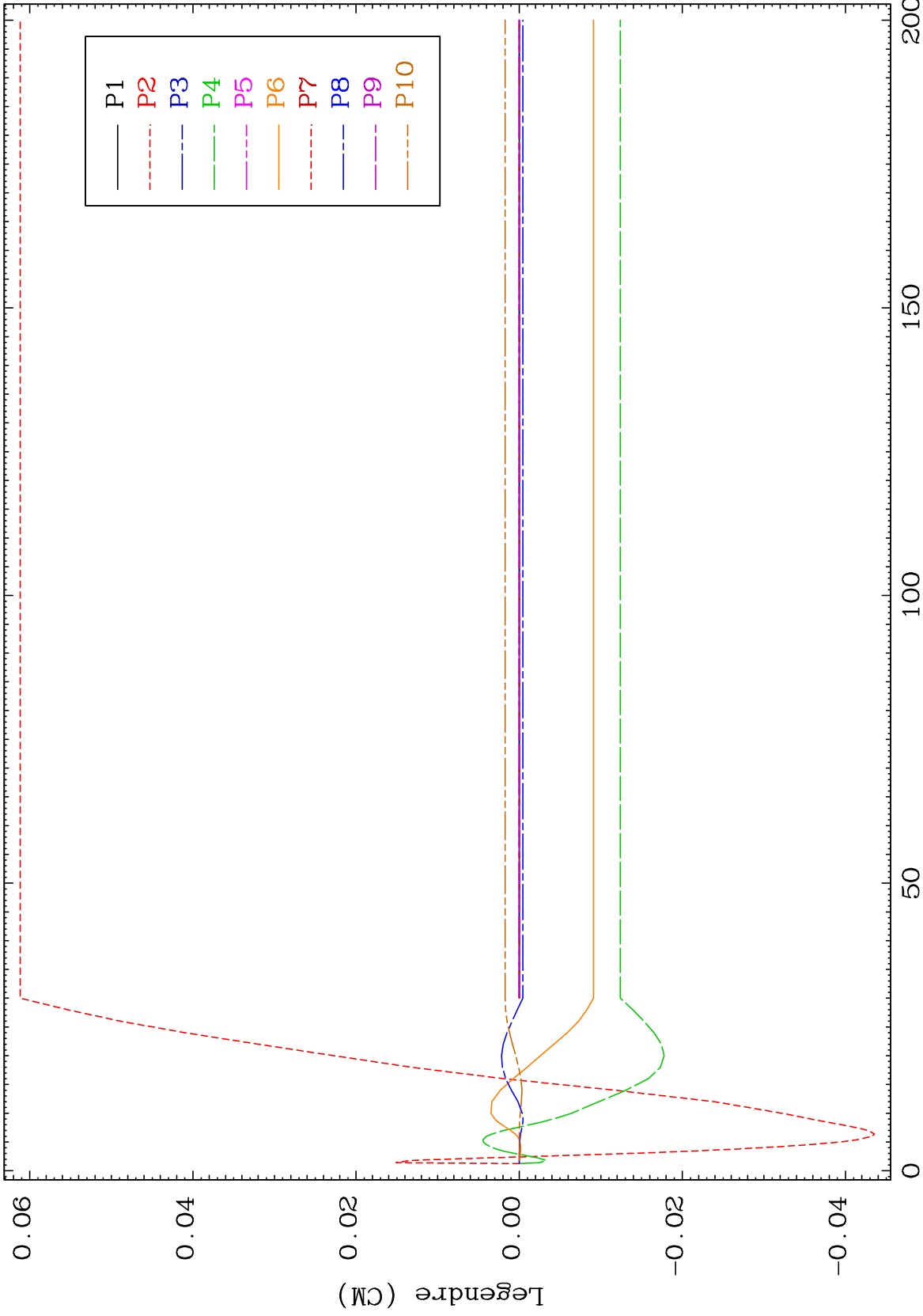


43 81-T1-201

MAT 81119

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

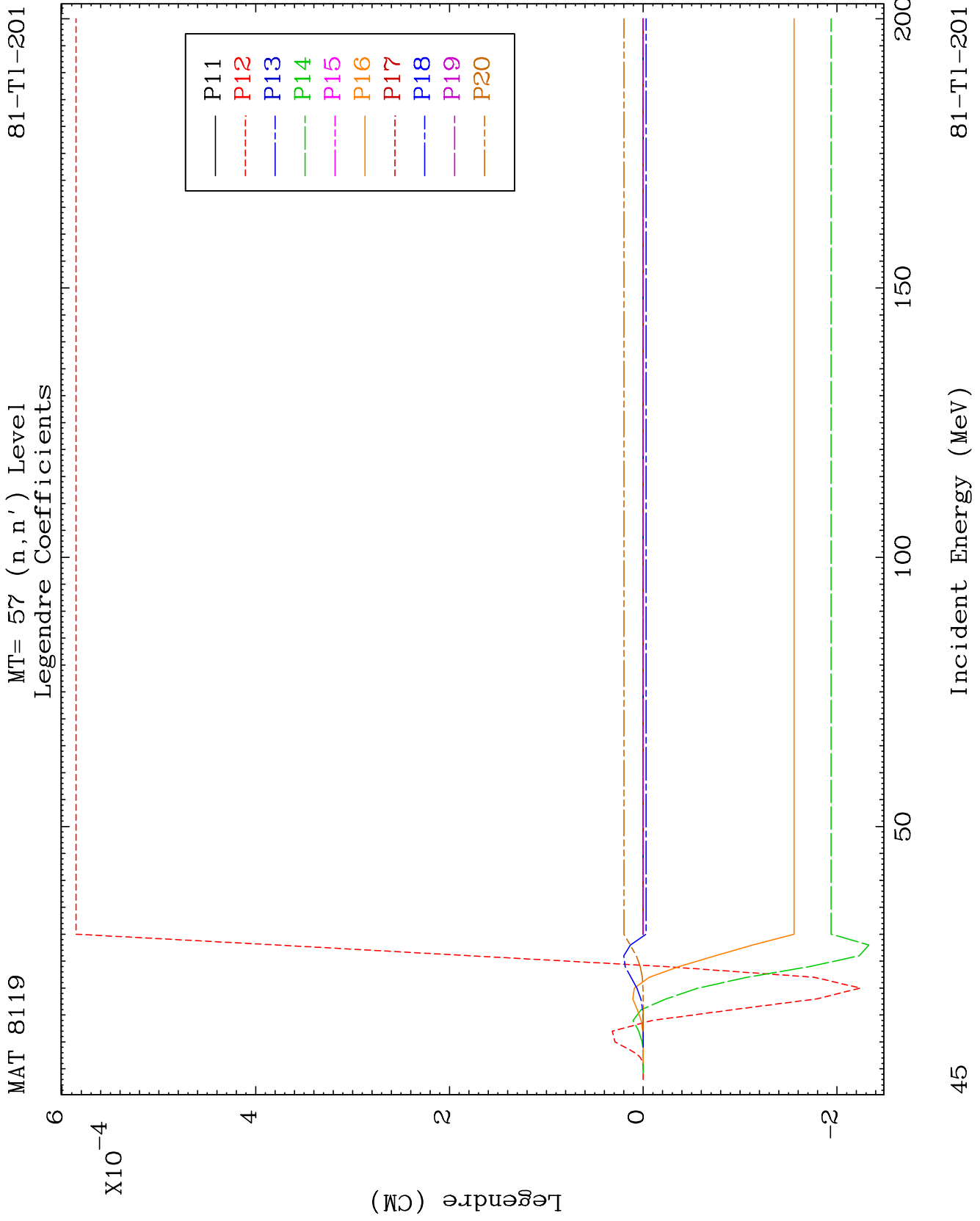
81-T1-201



44

Incident Energy (MeV)

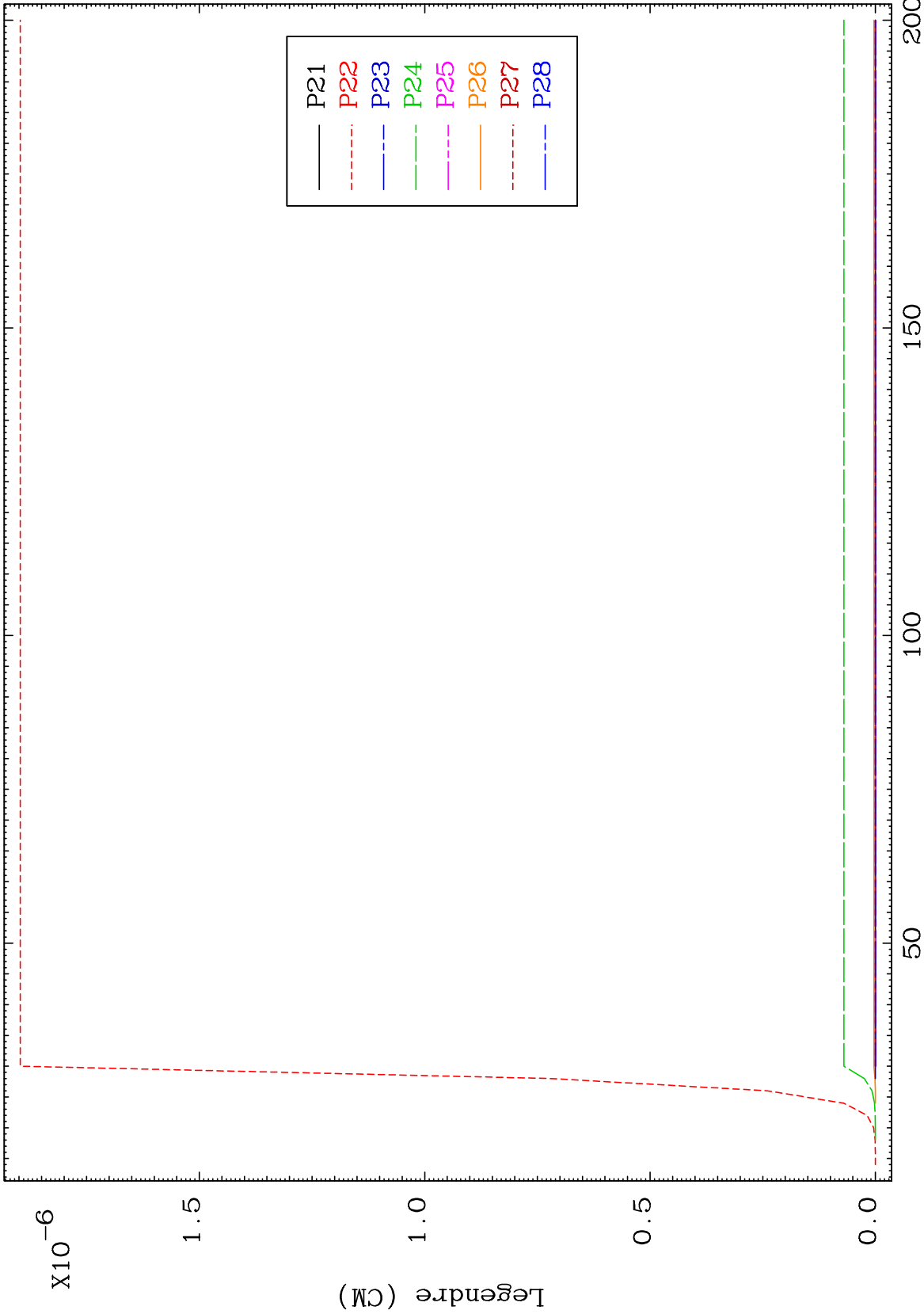
81-T1-201



MAT 8119

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

81-T1-201



46

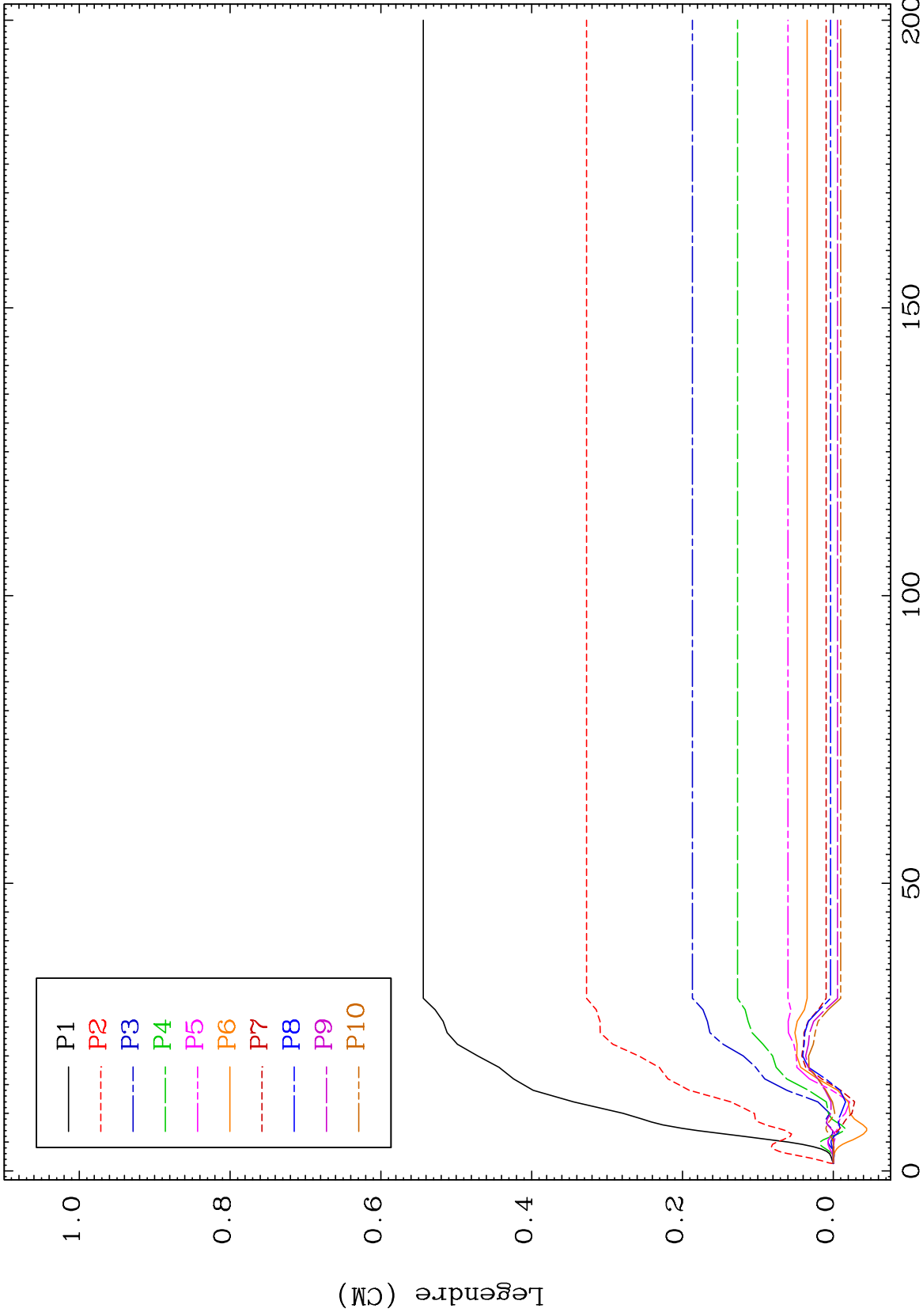
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



47

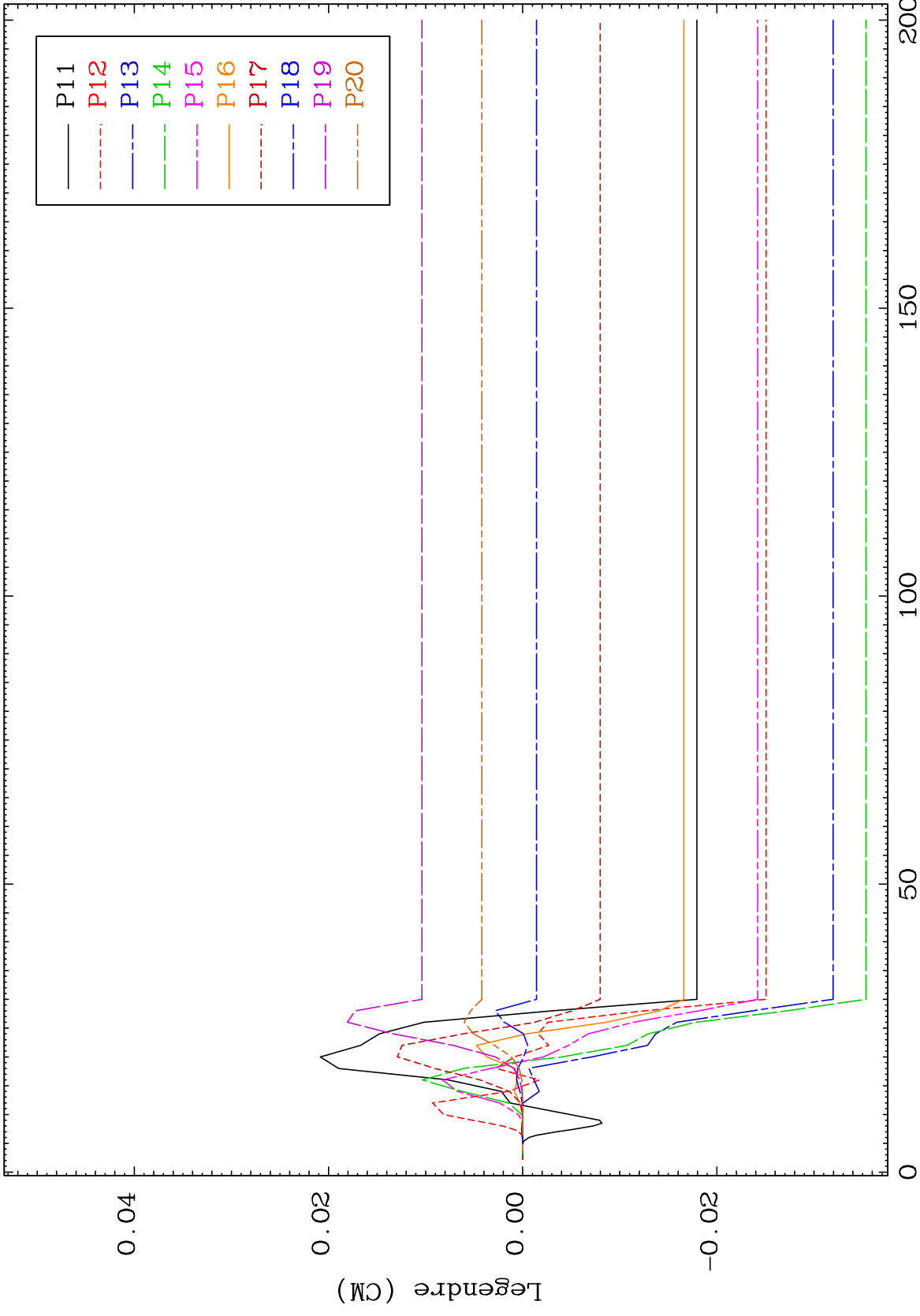
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



48

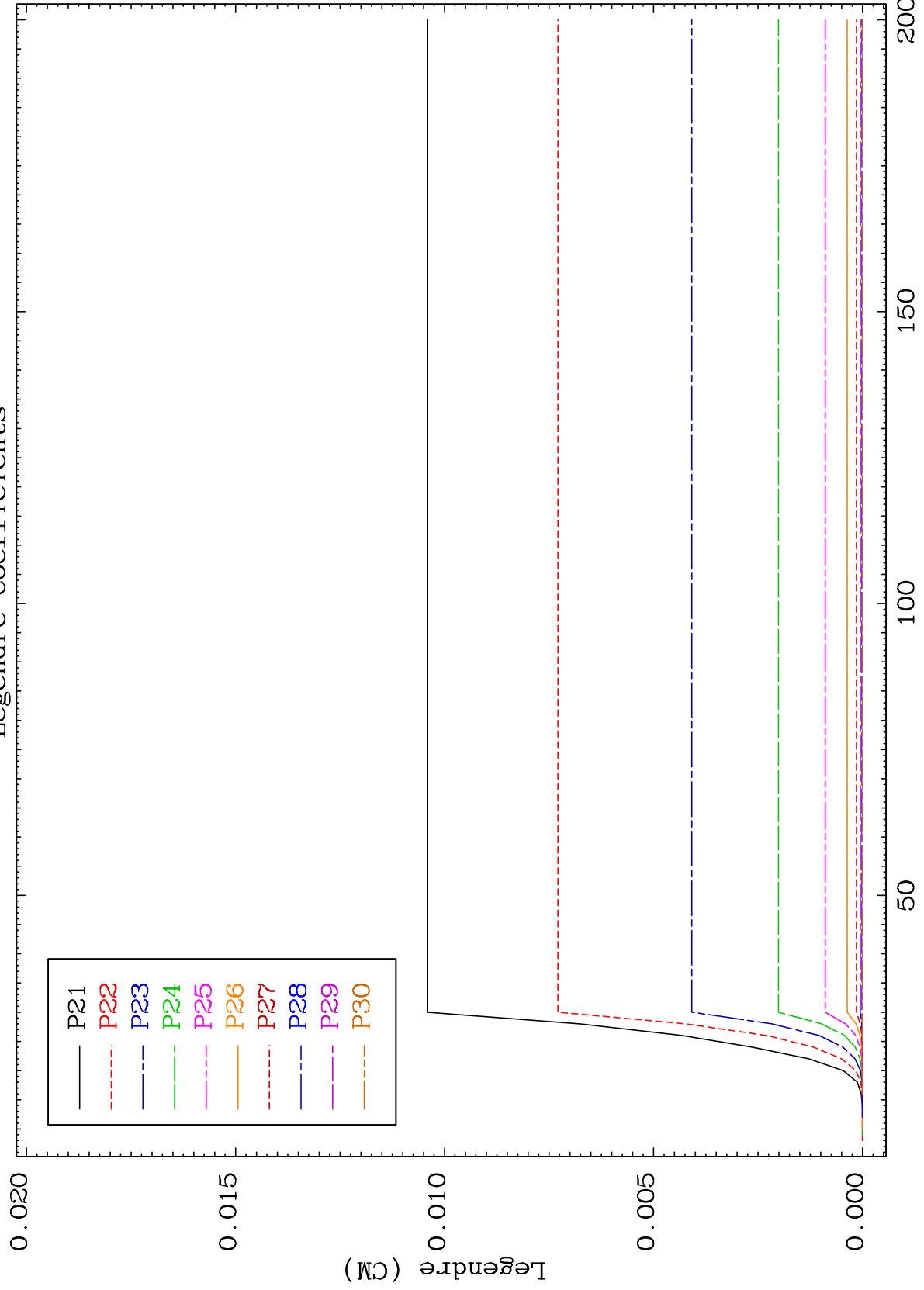
Incident Energy (MeV)

81-T1-201

MAT 8119

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

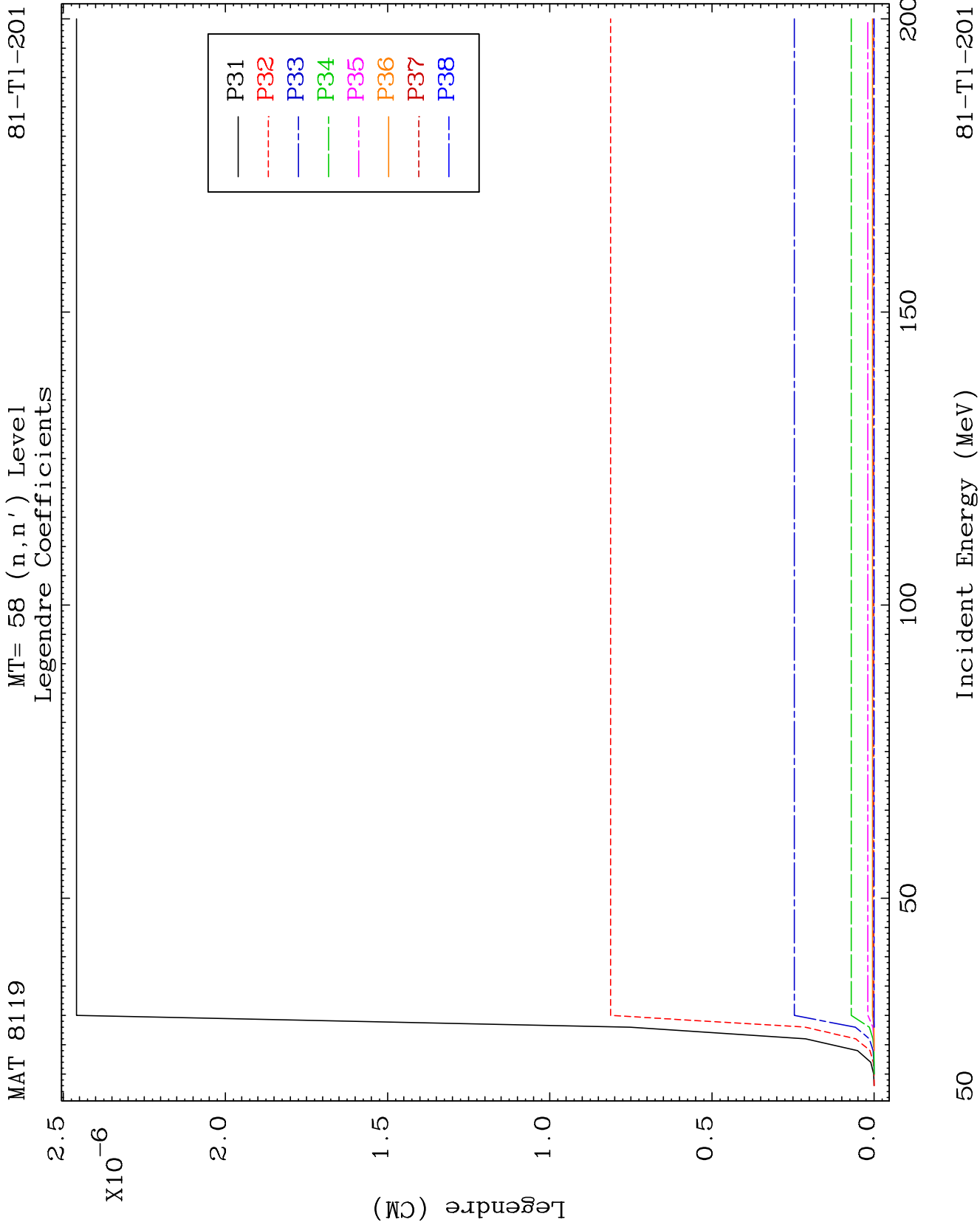
81-T1-201



49

Incident Energy (MeV)

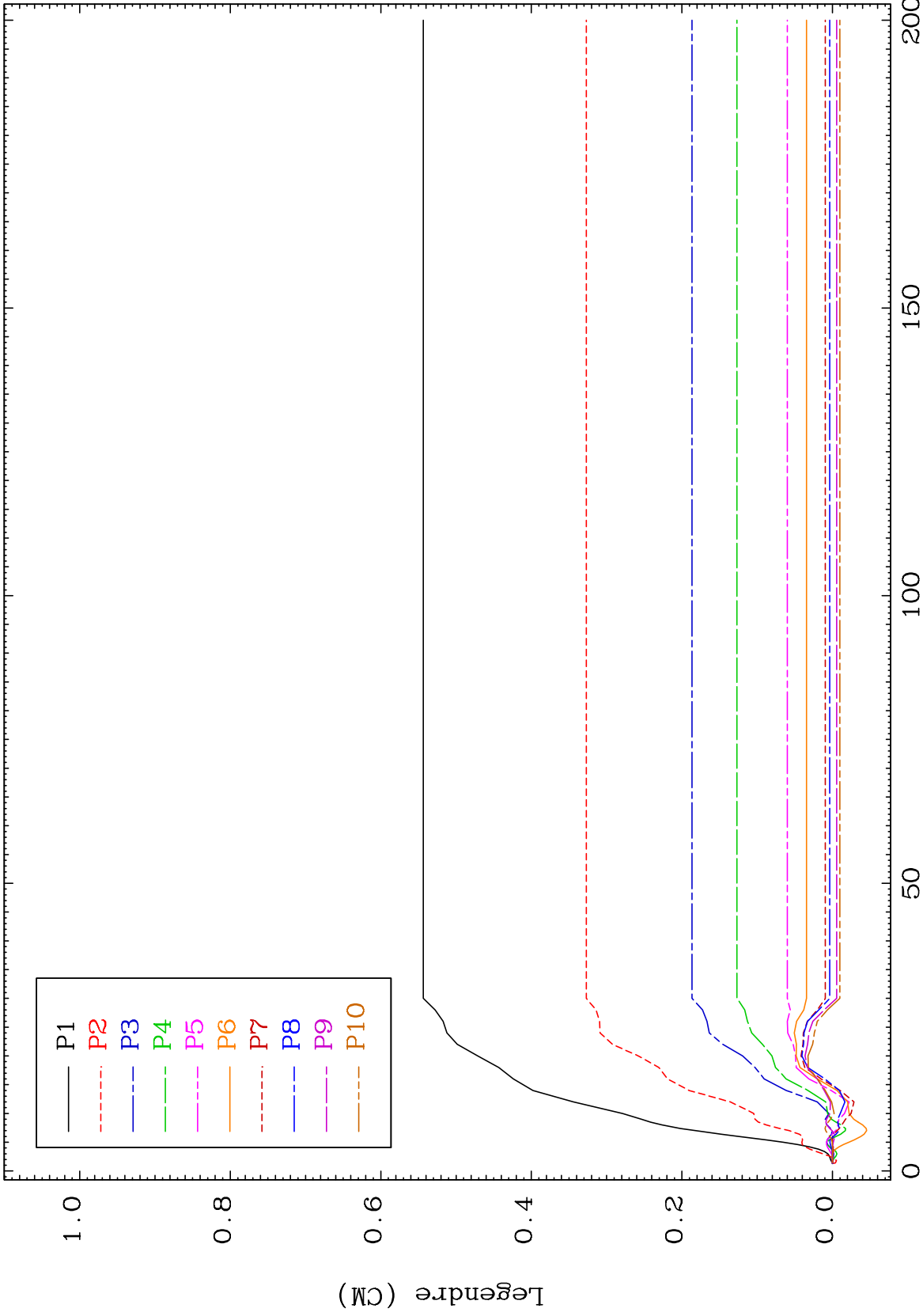
81-T1-201



MAT 8119

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

81-T1-201



51

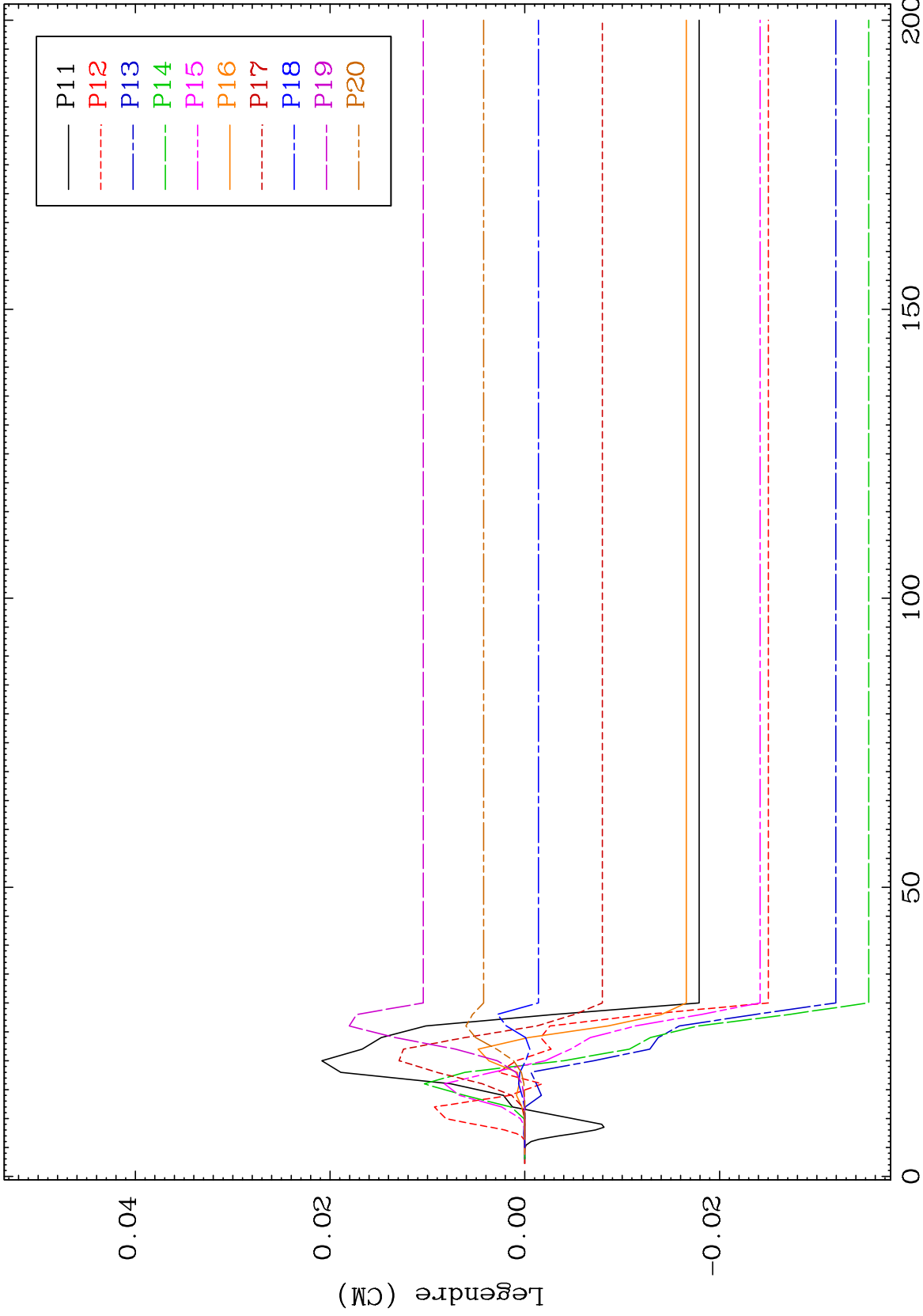
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201

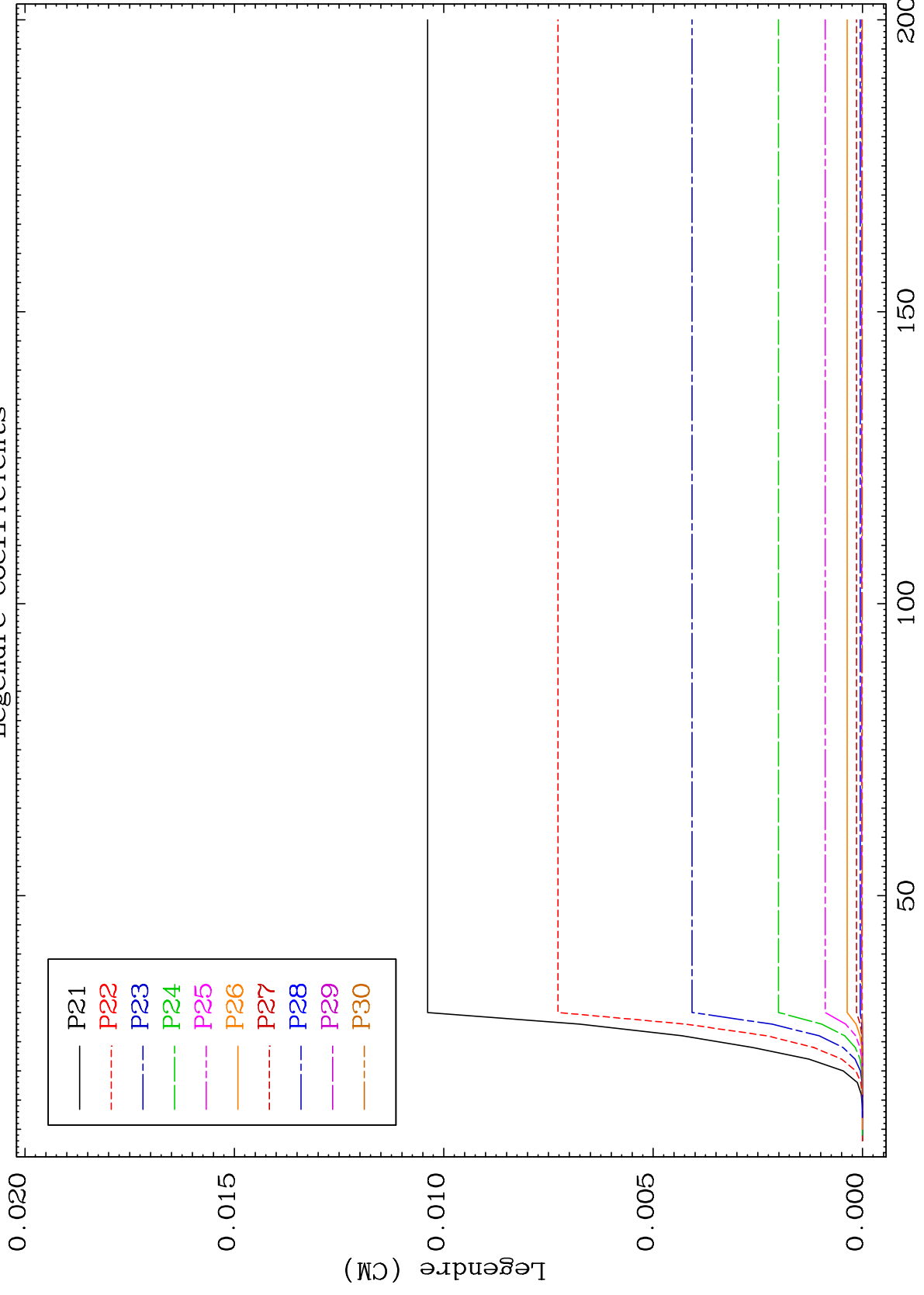


52

Incident Energy (MeV)

81-T1-201

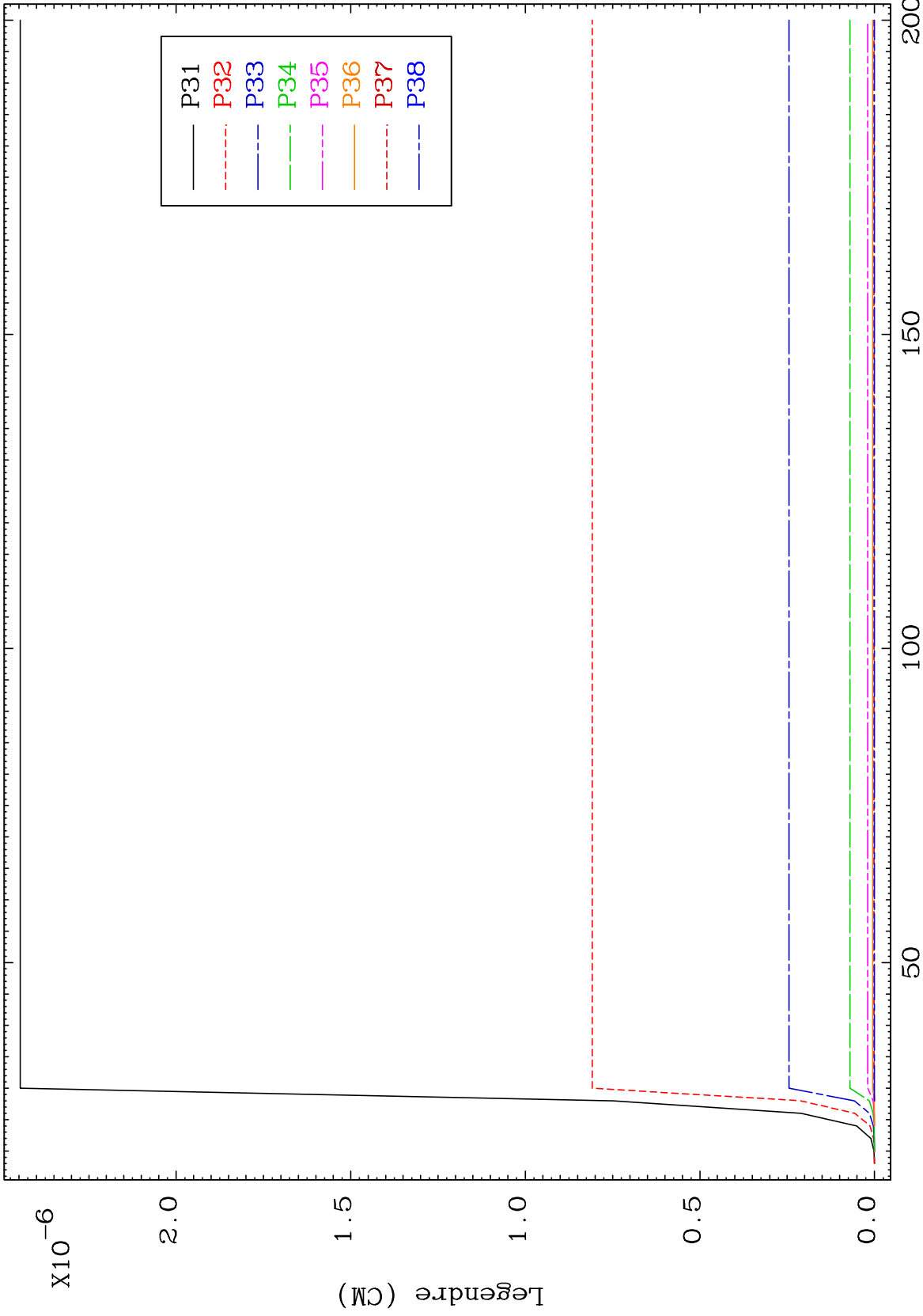
MAT 81119 MT= 59 (n,n') Level Legendre Coefficients 81-T1-201



MAT 8119

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

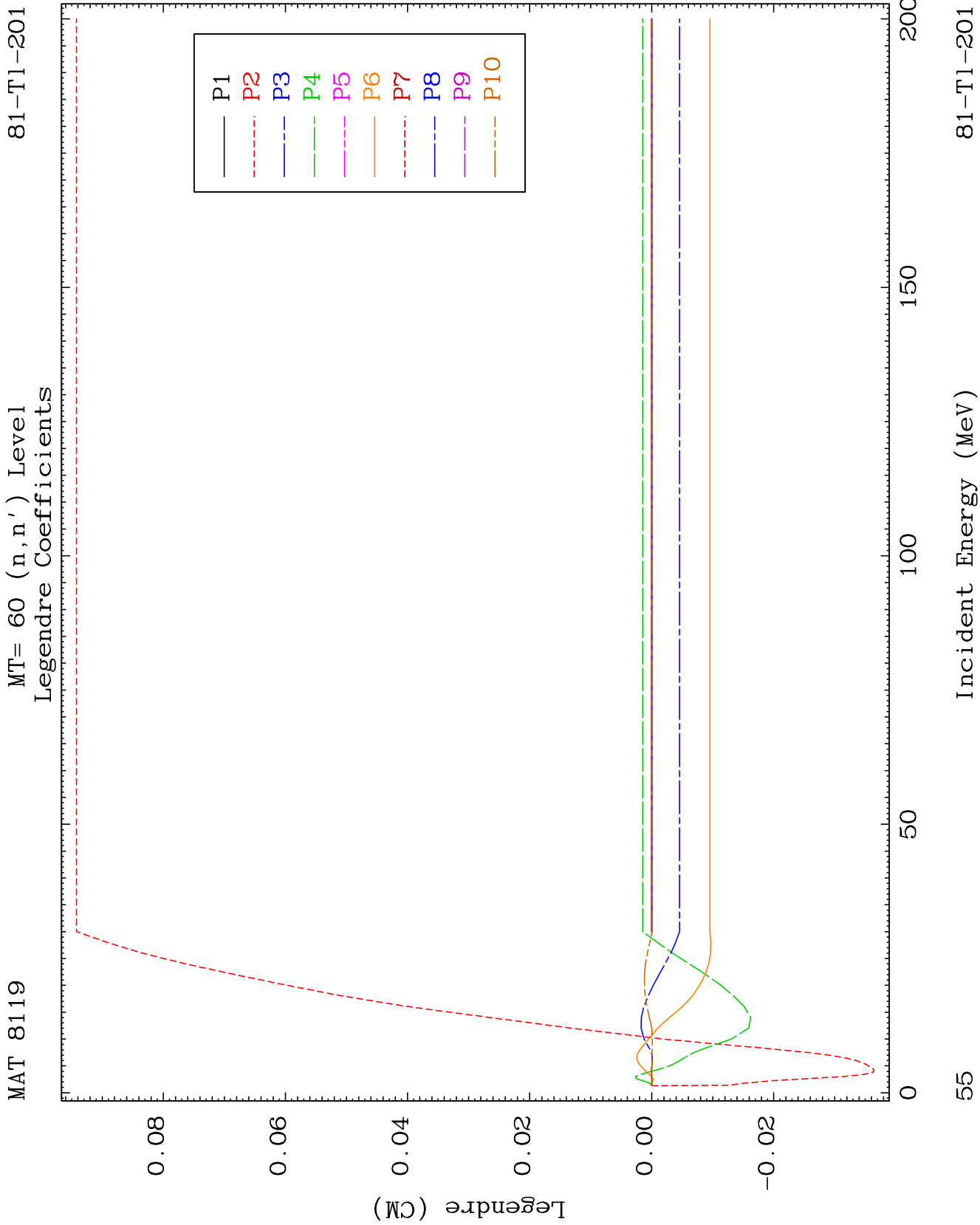
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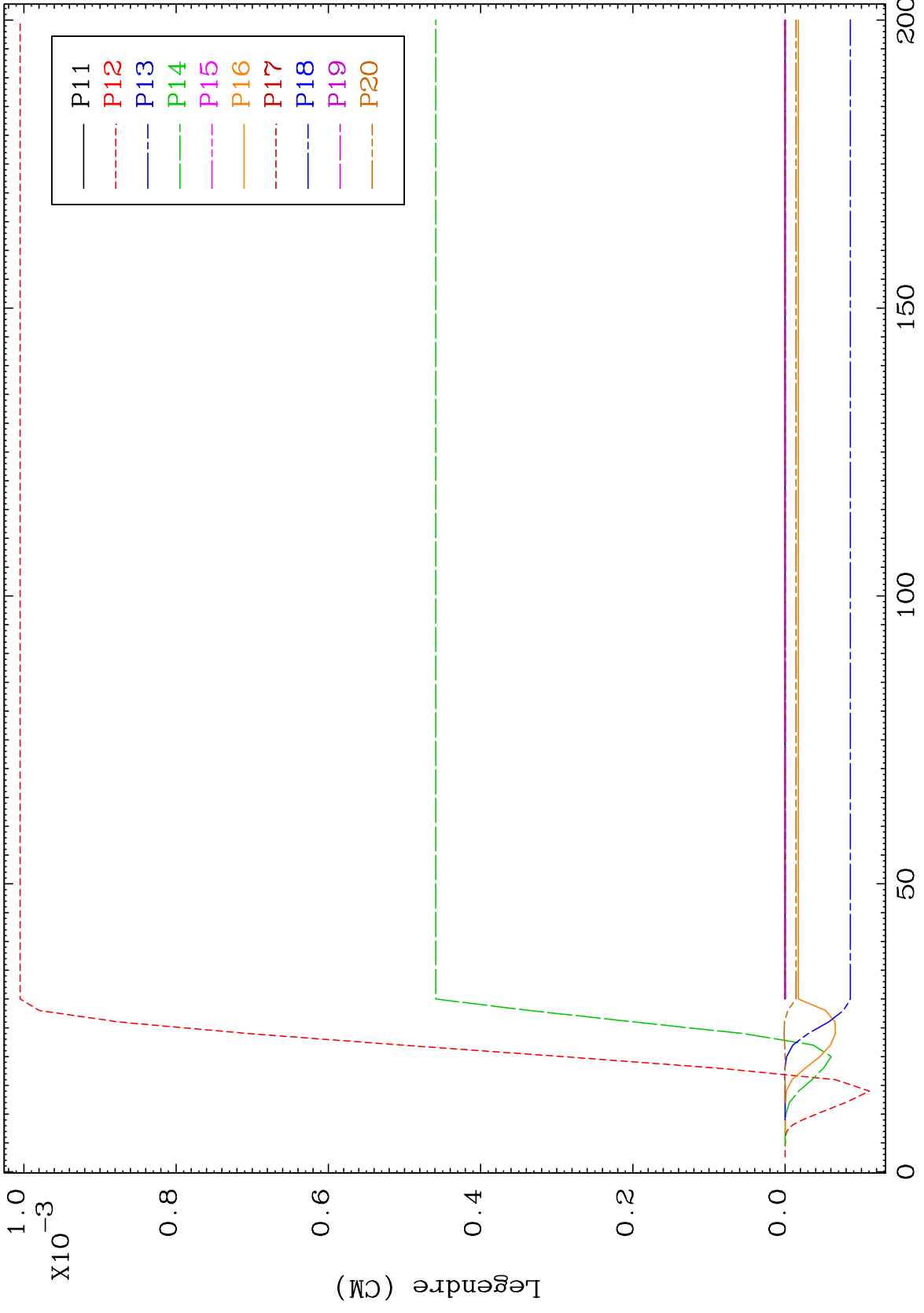
54

Incident Energy (MeV)

81-T1-201



MAT 8119 MT= 60 (n,n') Level Legendre Coefficients 81-T1-201

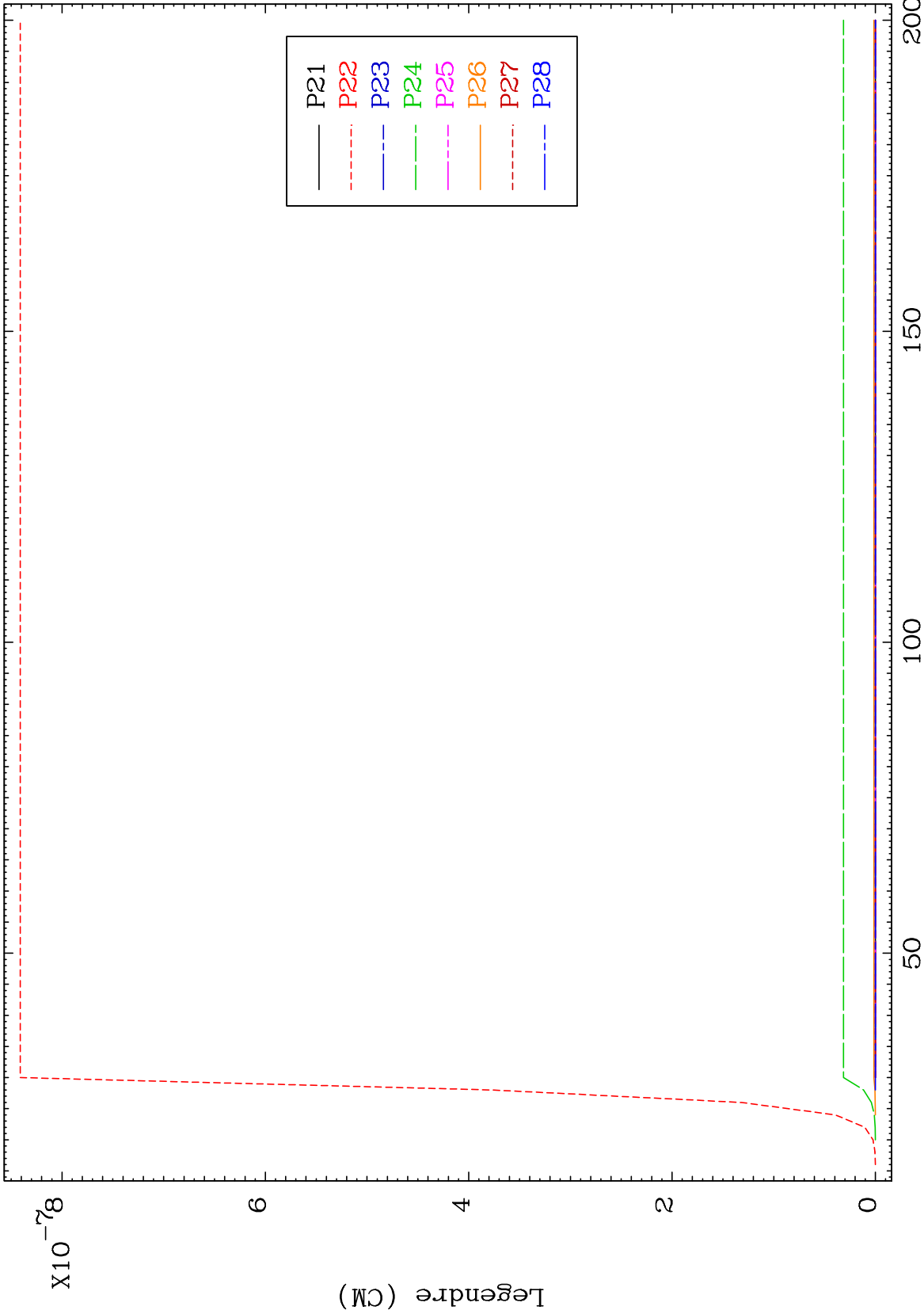


56 81-T1-201

MAT 8119

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

81-T1-201



57

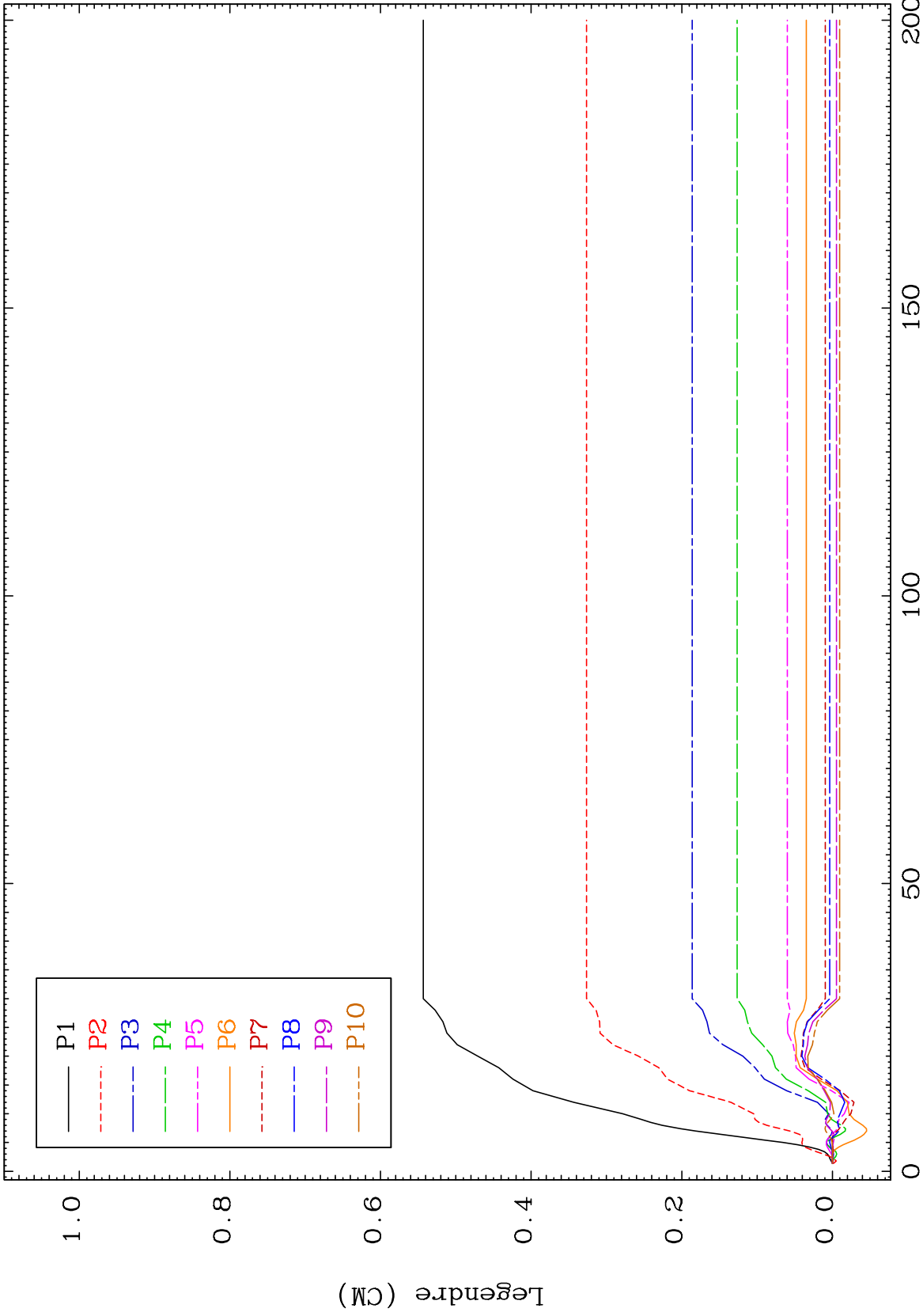
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



58

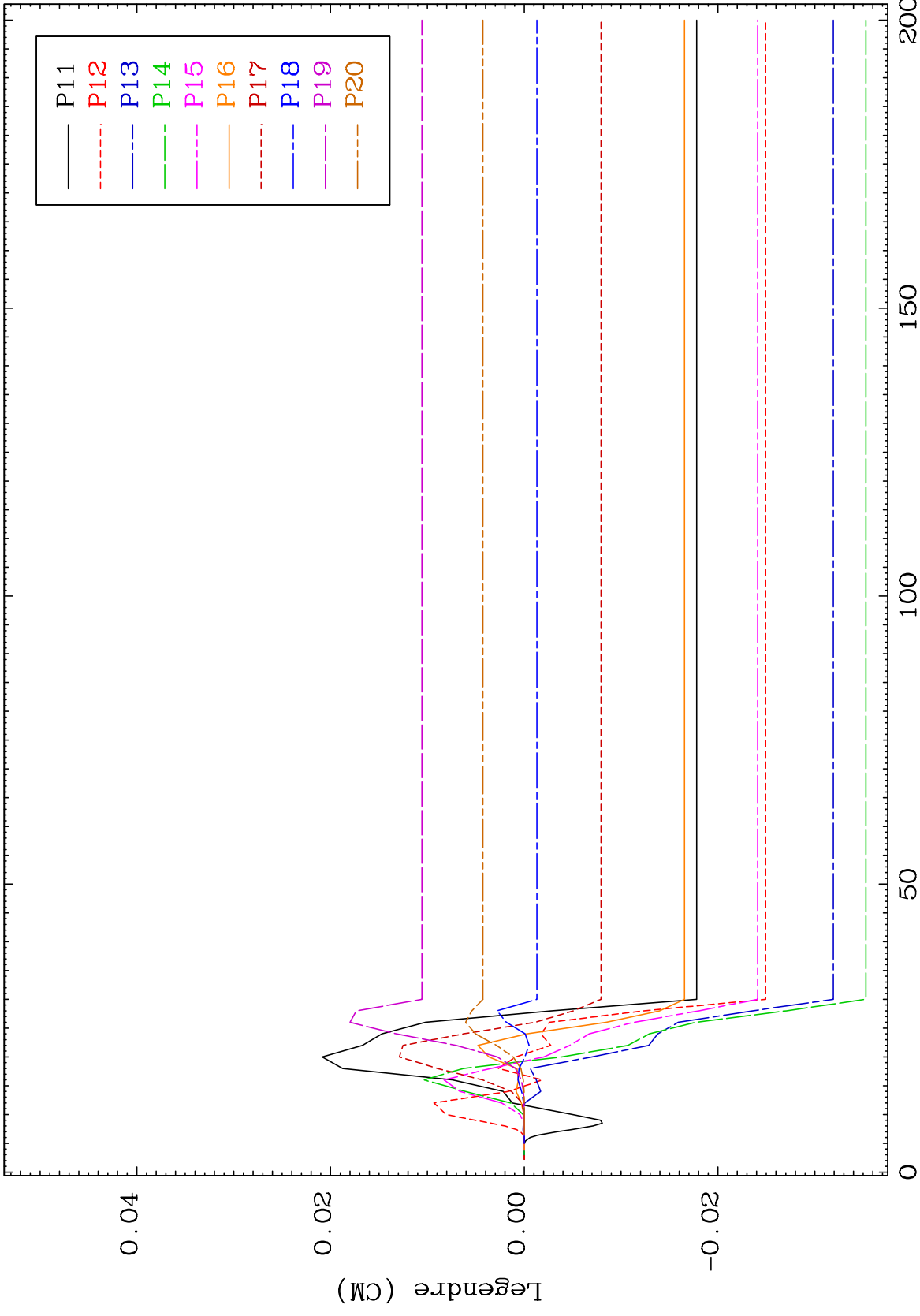
Incident Energy (MeV)

81-T1-201

MAT 8119

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

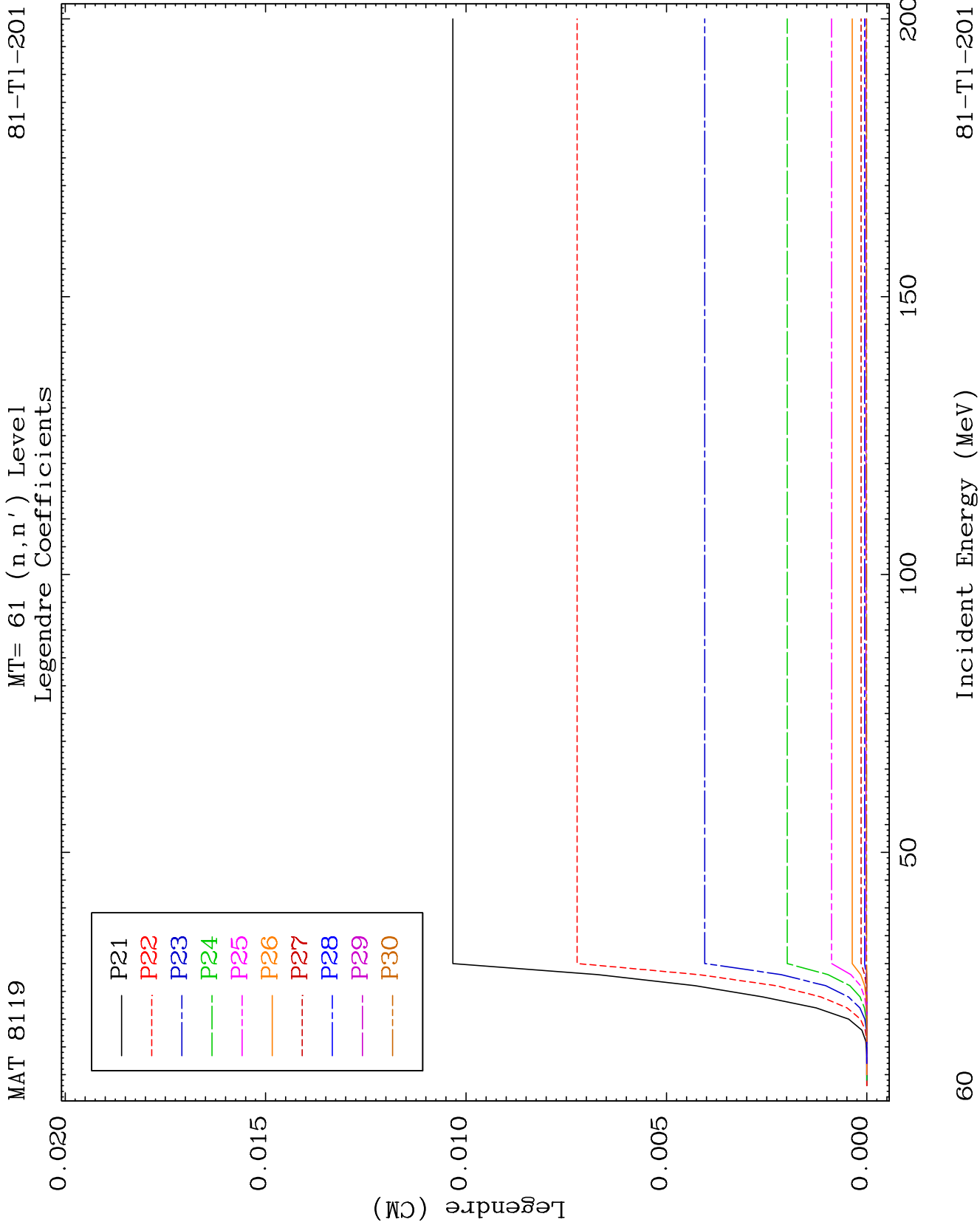
81-T1-201



59

Incident Energy (MeV)

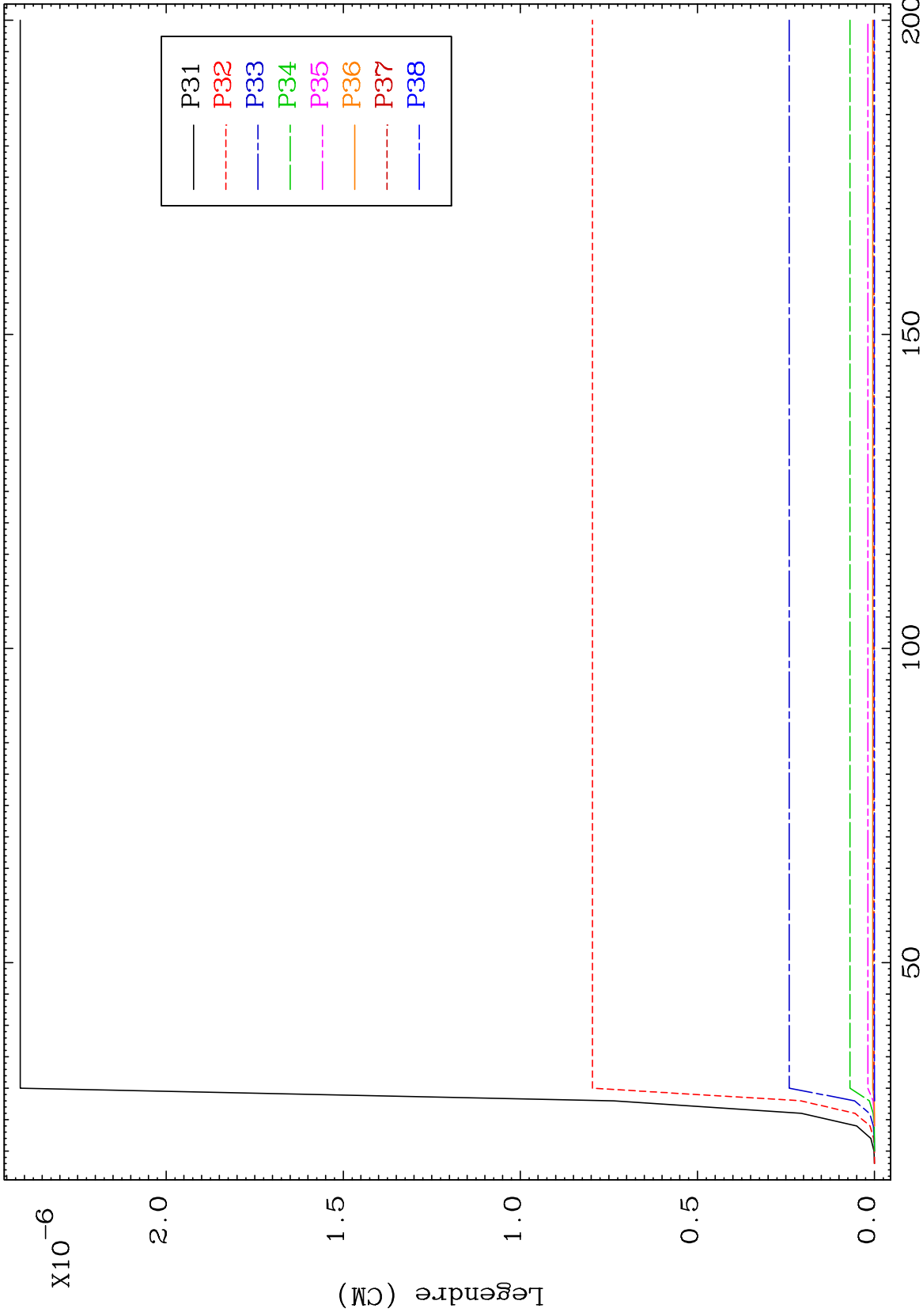
81-T1-201



MAT 8119

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

81-T1-201



61

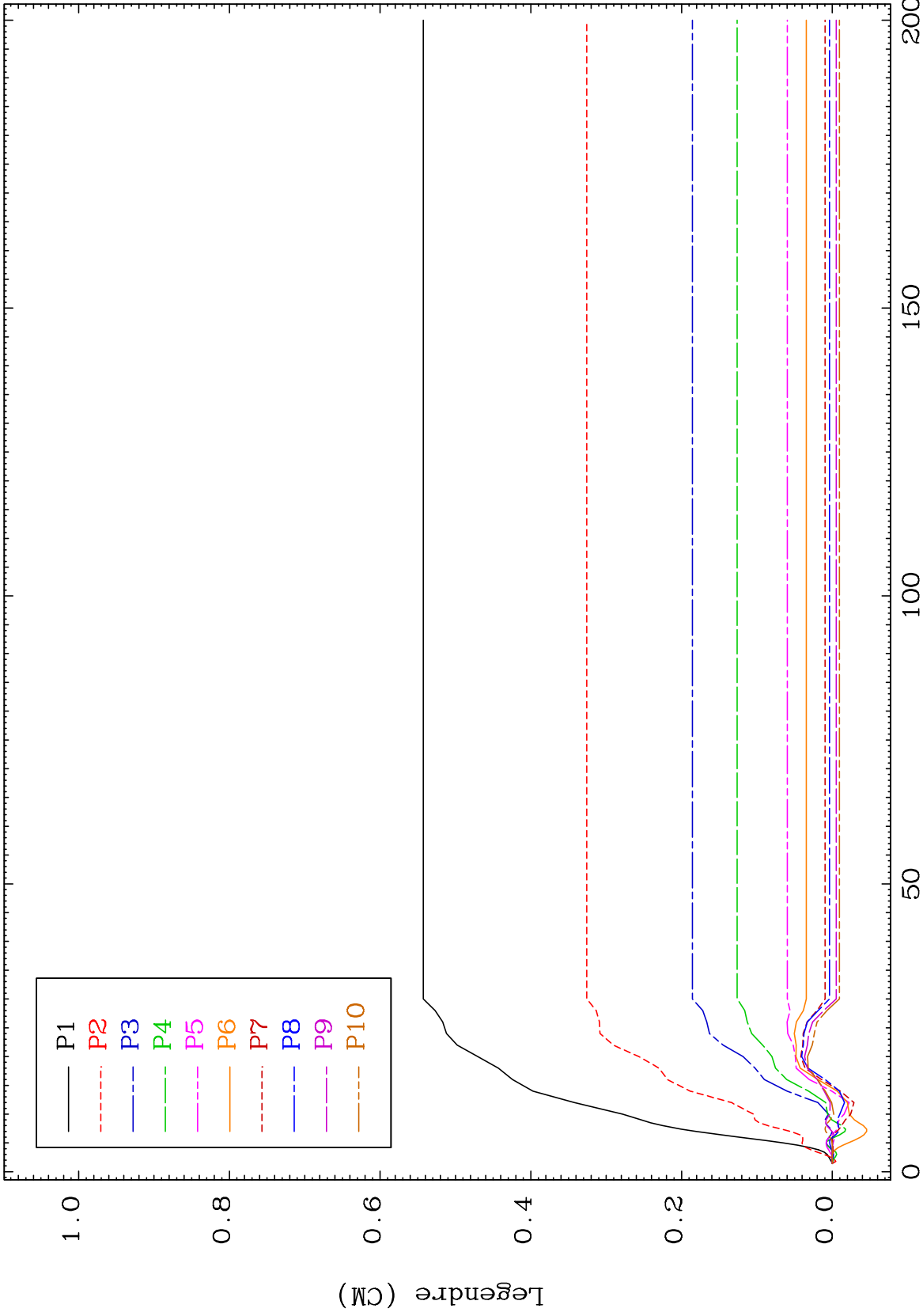
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



62

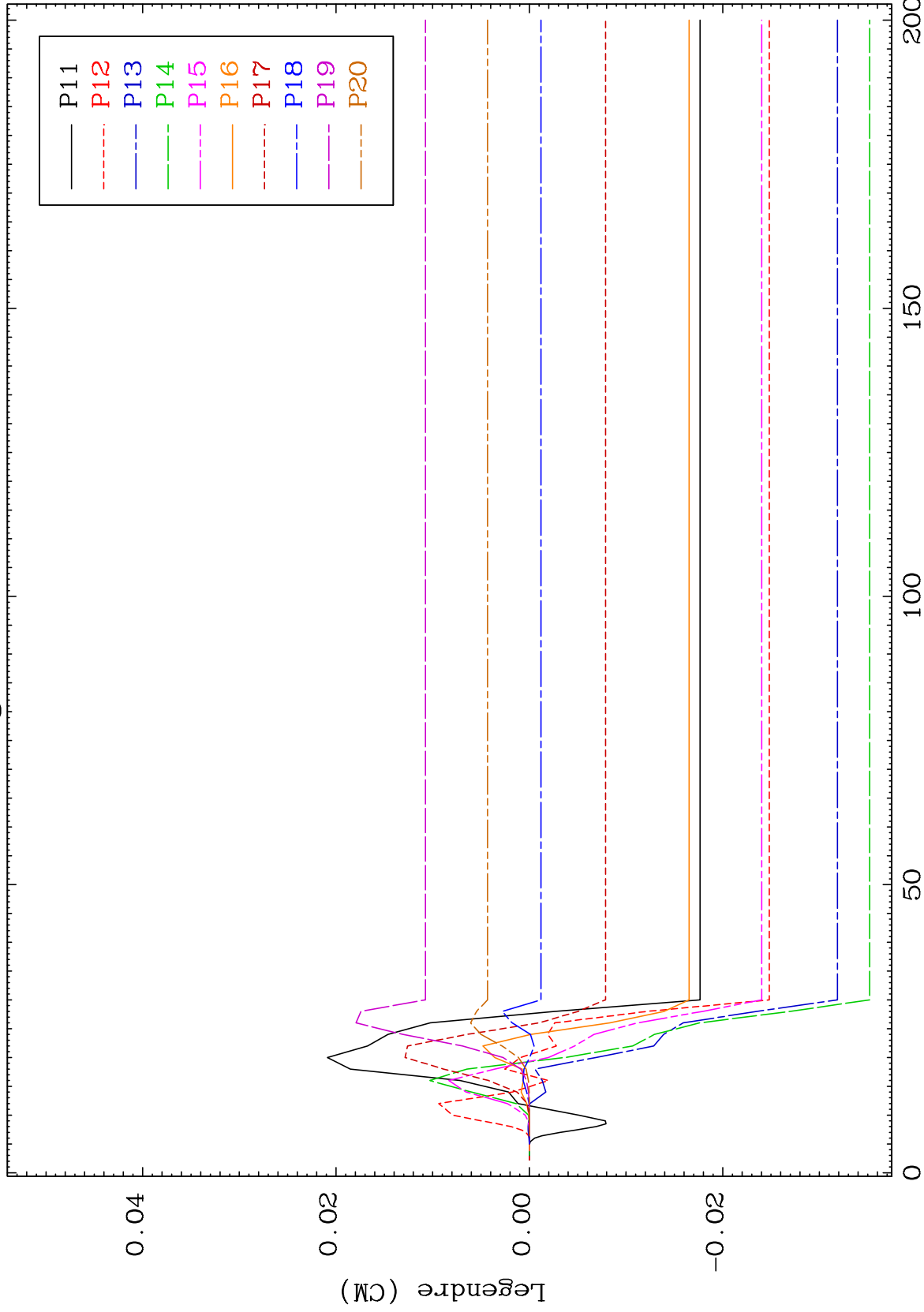
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



63

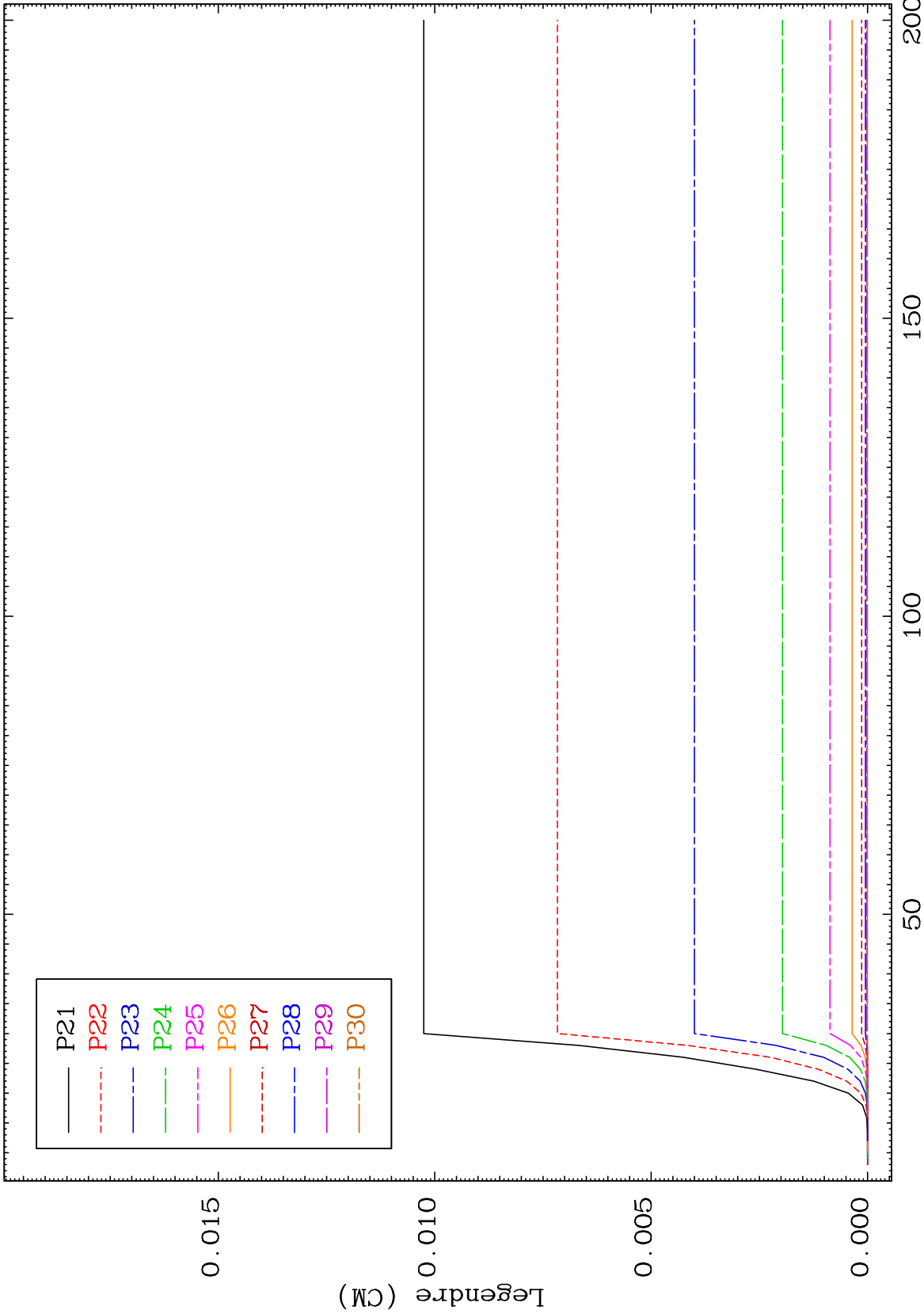
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



64

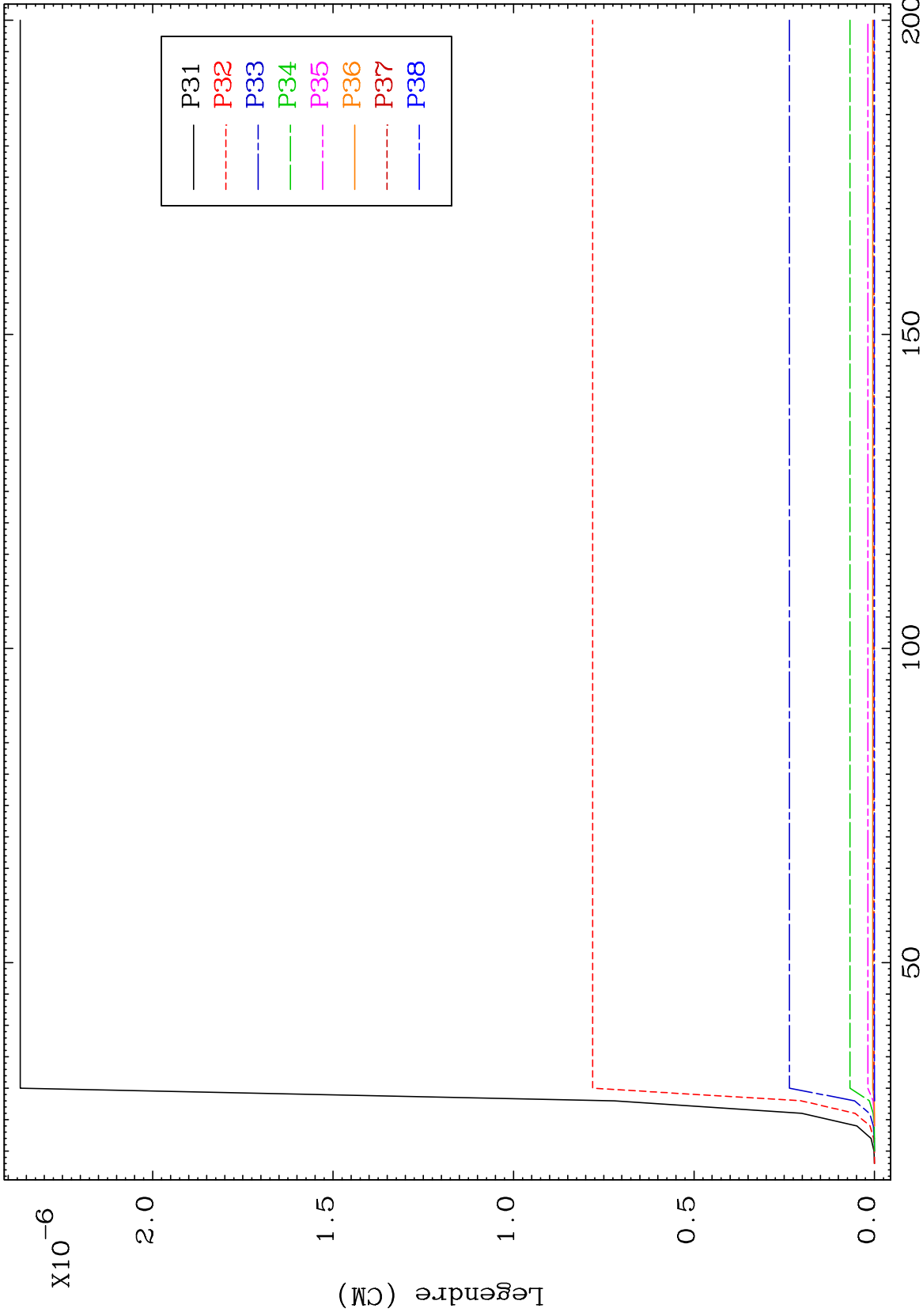
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201

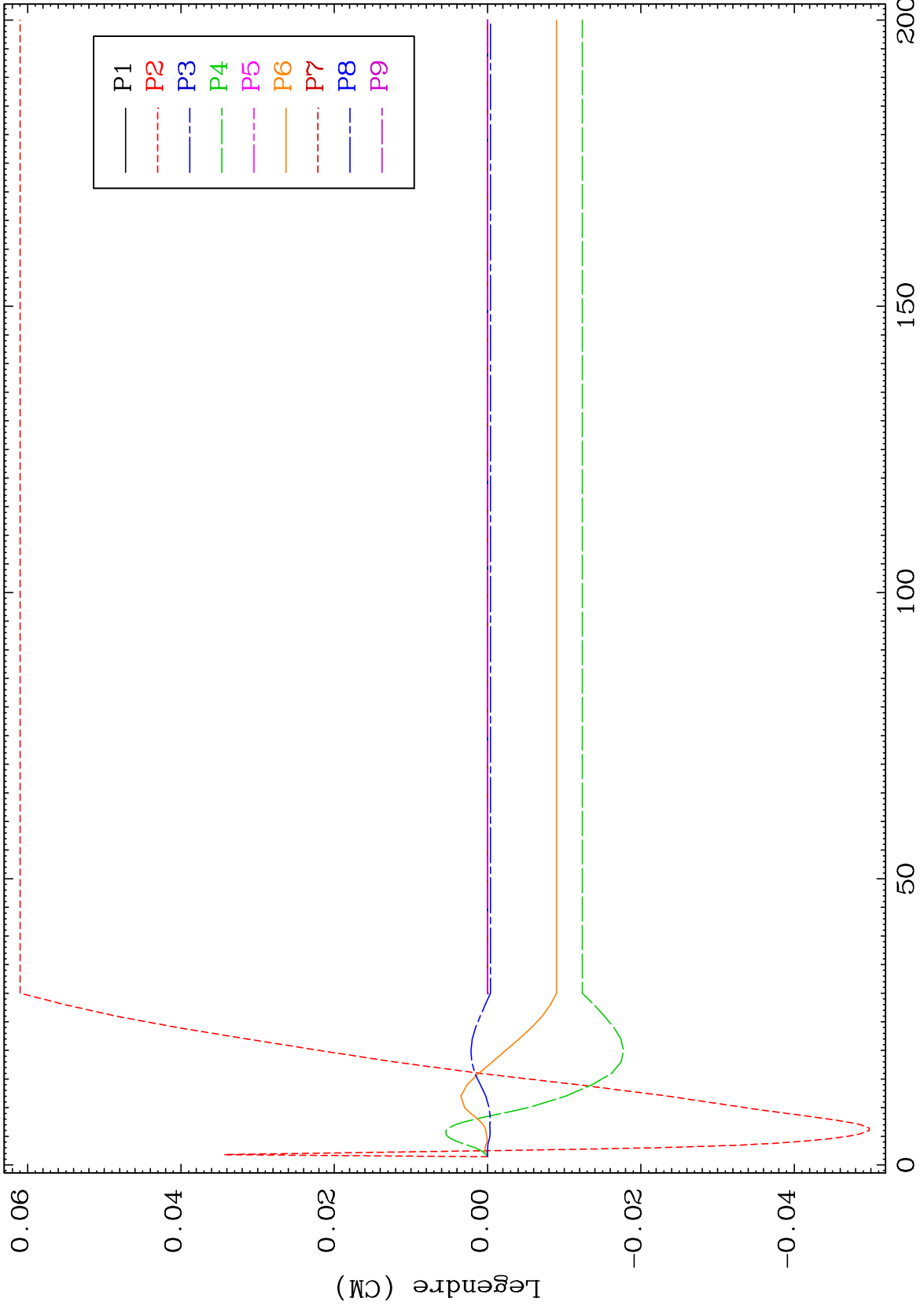


65

Incident Energy (MeV)

81-T1-201

MAT 81119 MT= 63 (n,n') Level Legendre Coefficients 81-T1-201

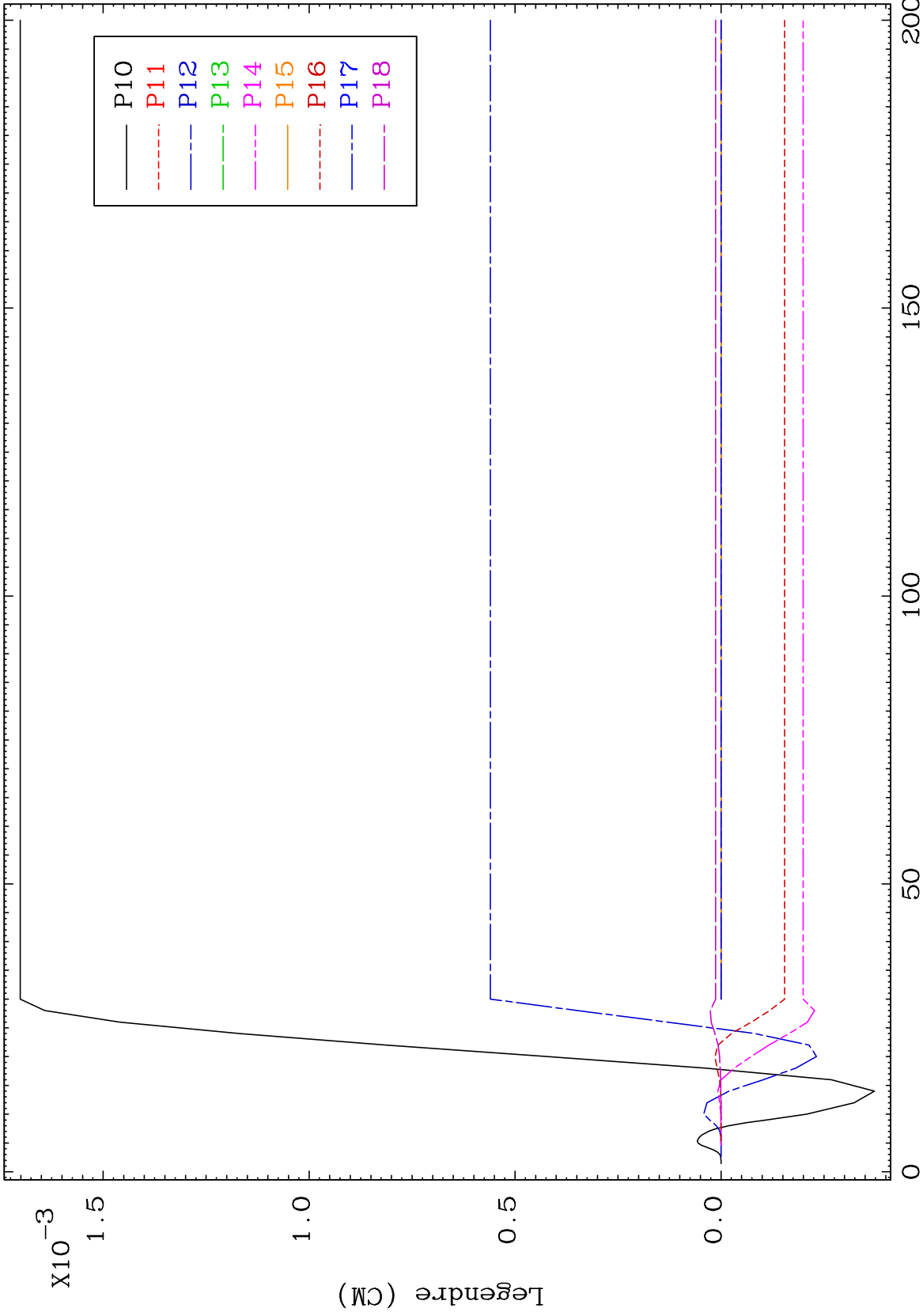


66 81-T1-201

MAT 8119

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

81-T1-201



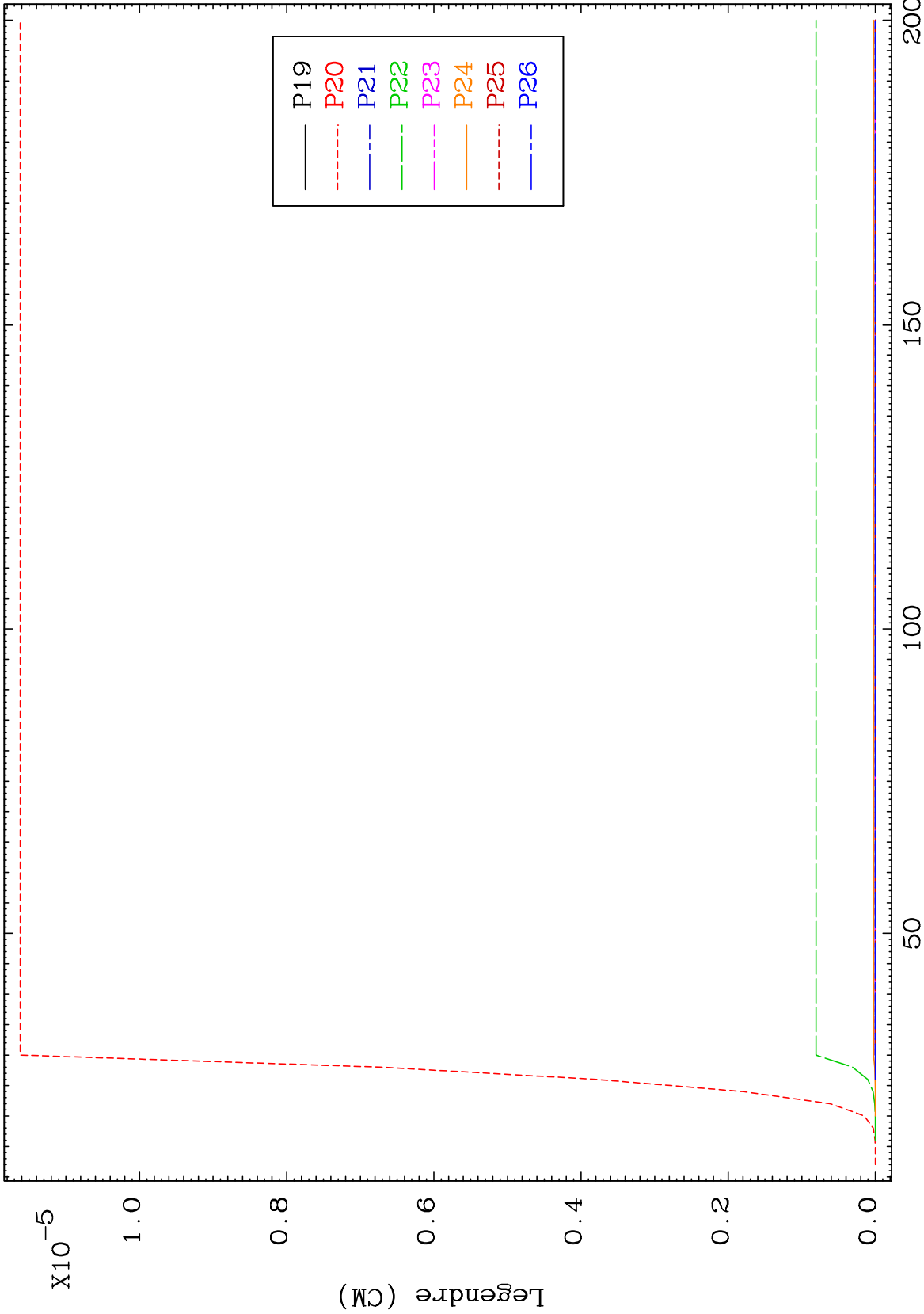
67

81-T1-201

MAT 8119

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

81-T1-201



68

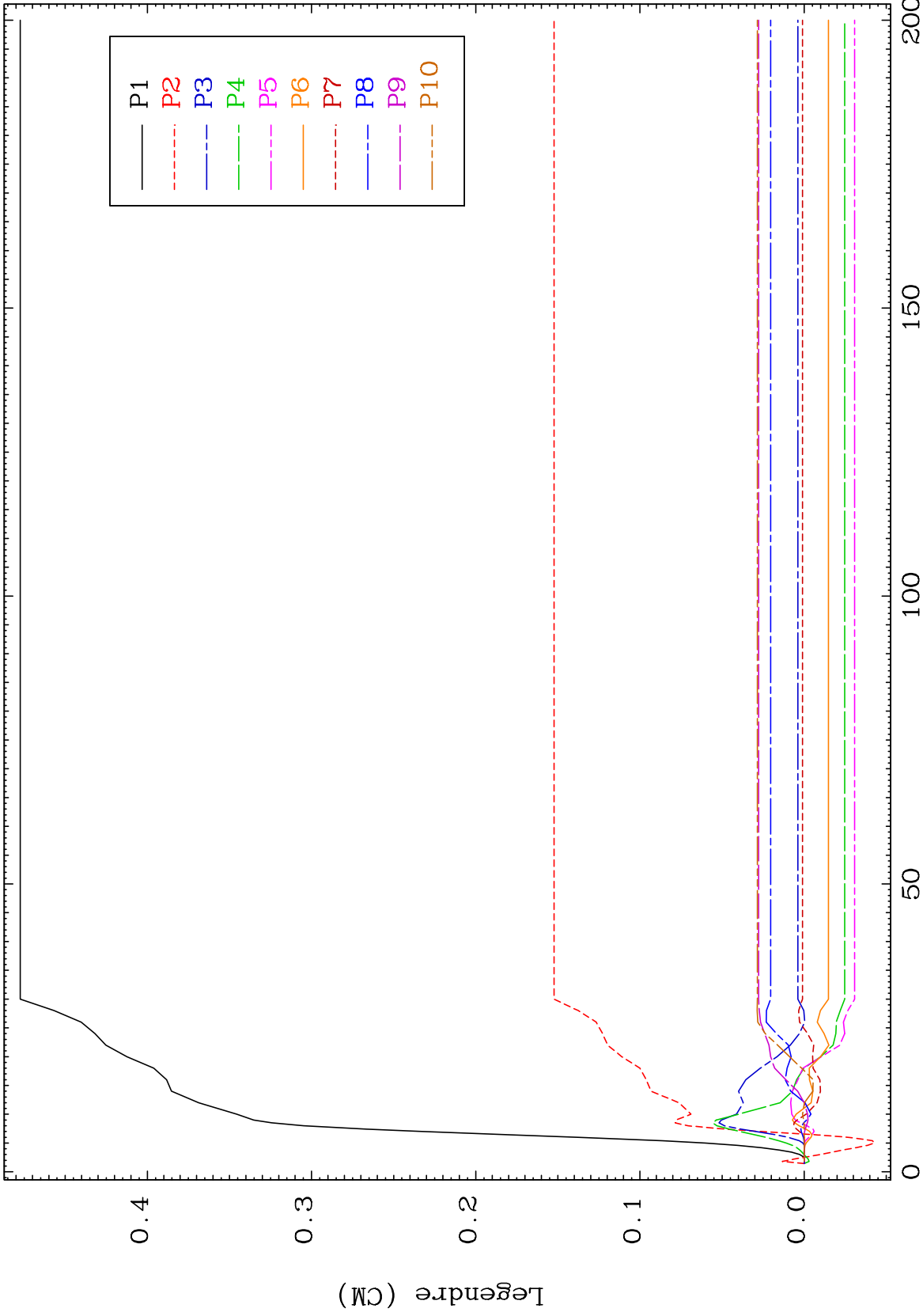
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



69

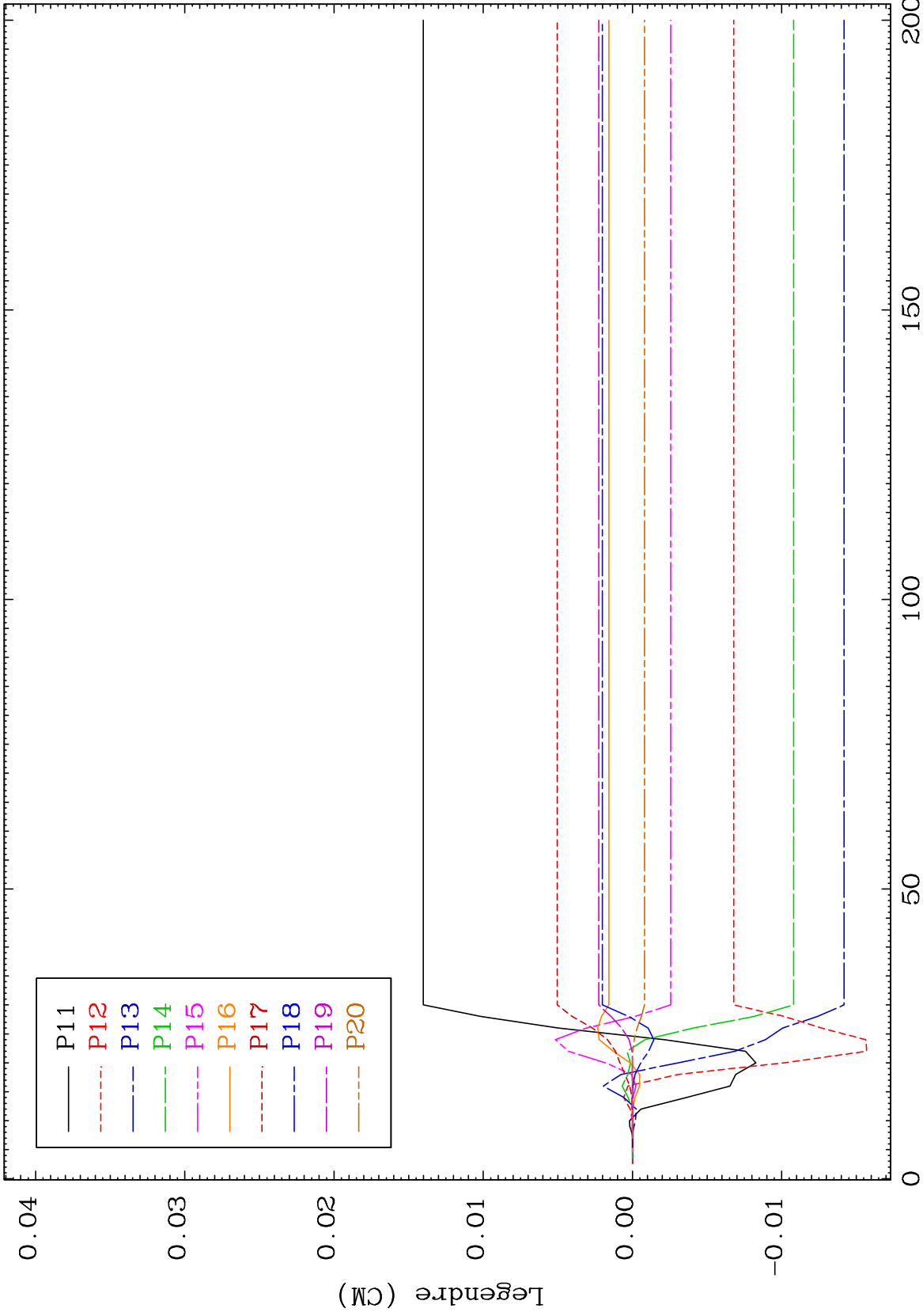
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



70

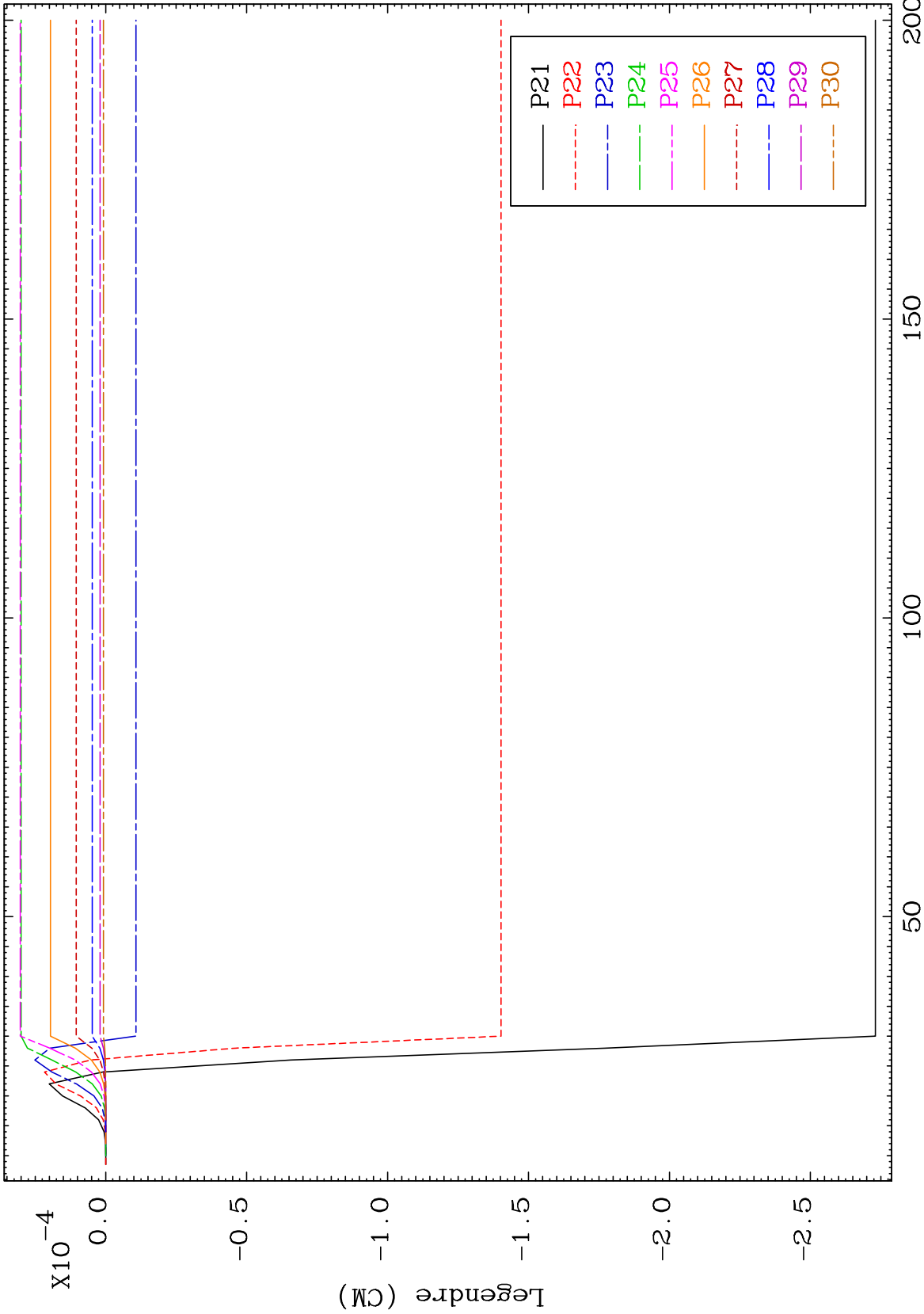
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



71

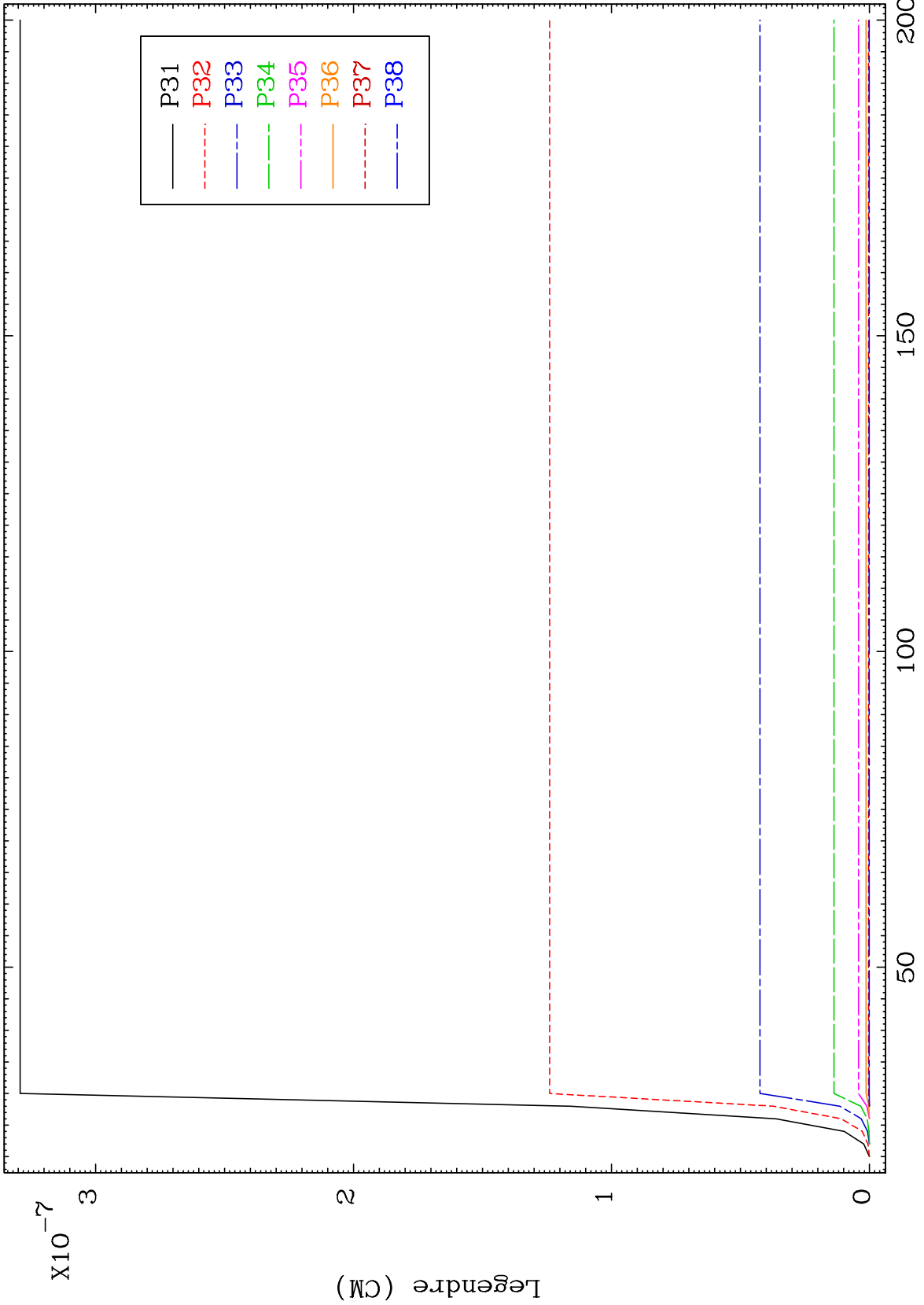
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201

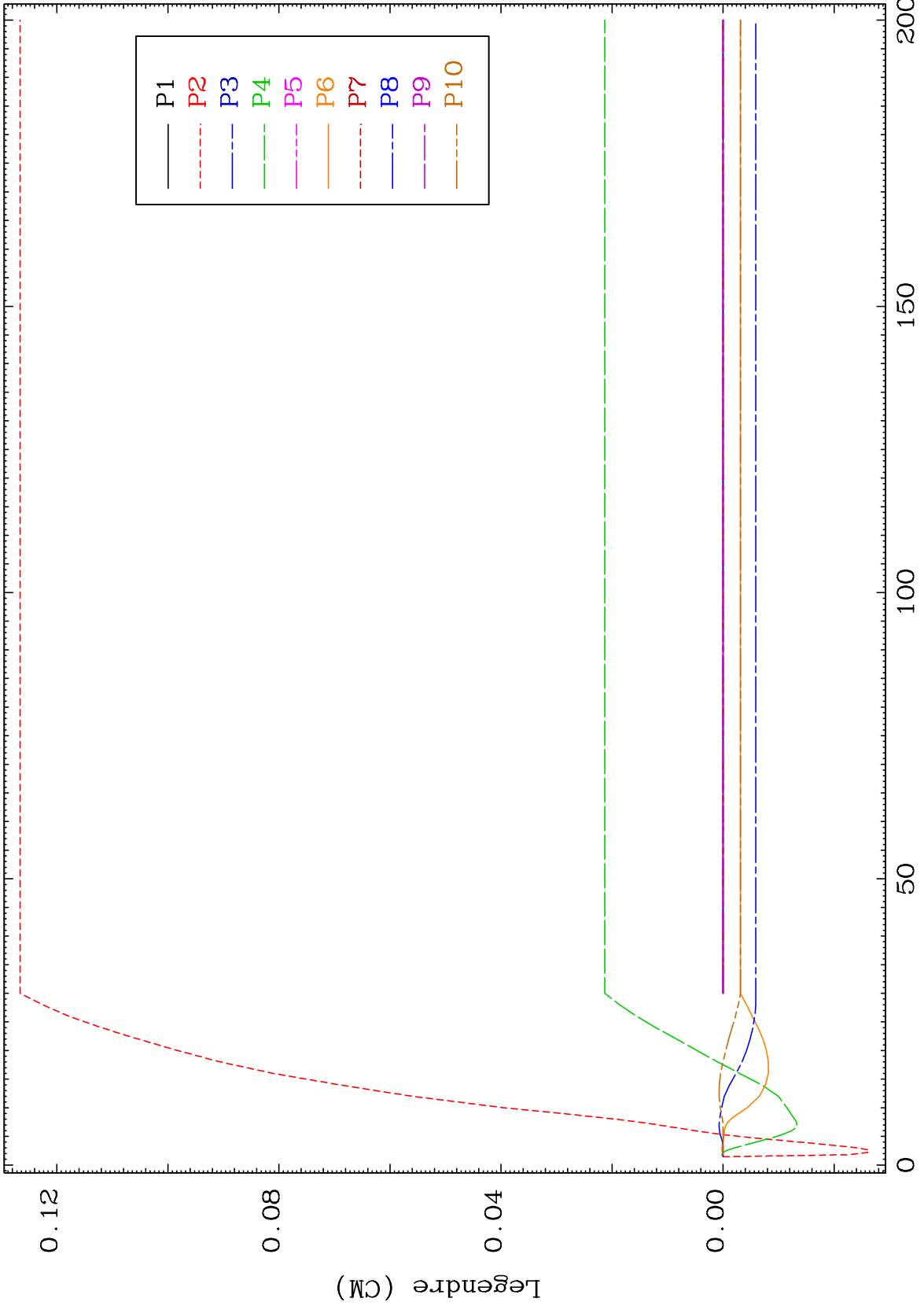


72

Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 65 (n,n') Level Legendre Coefficients 81-T1-201

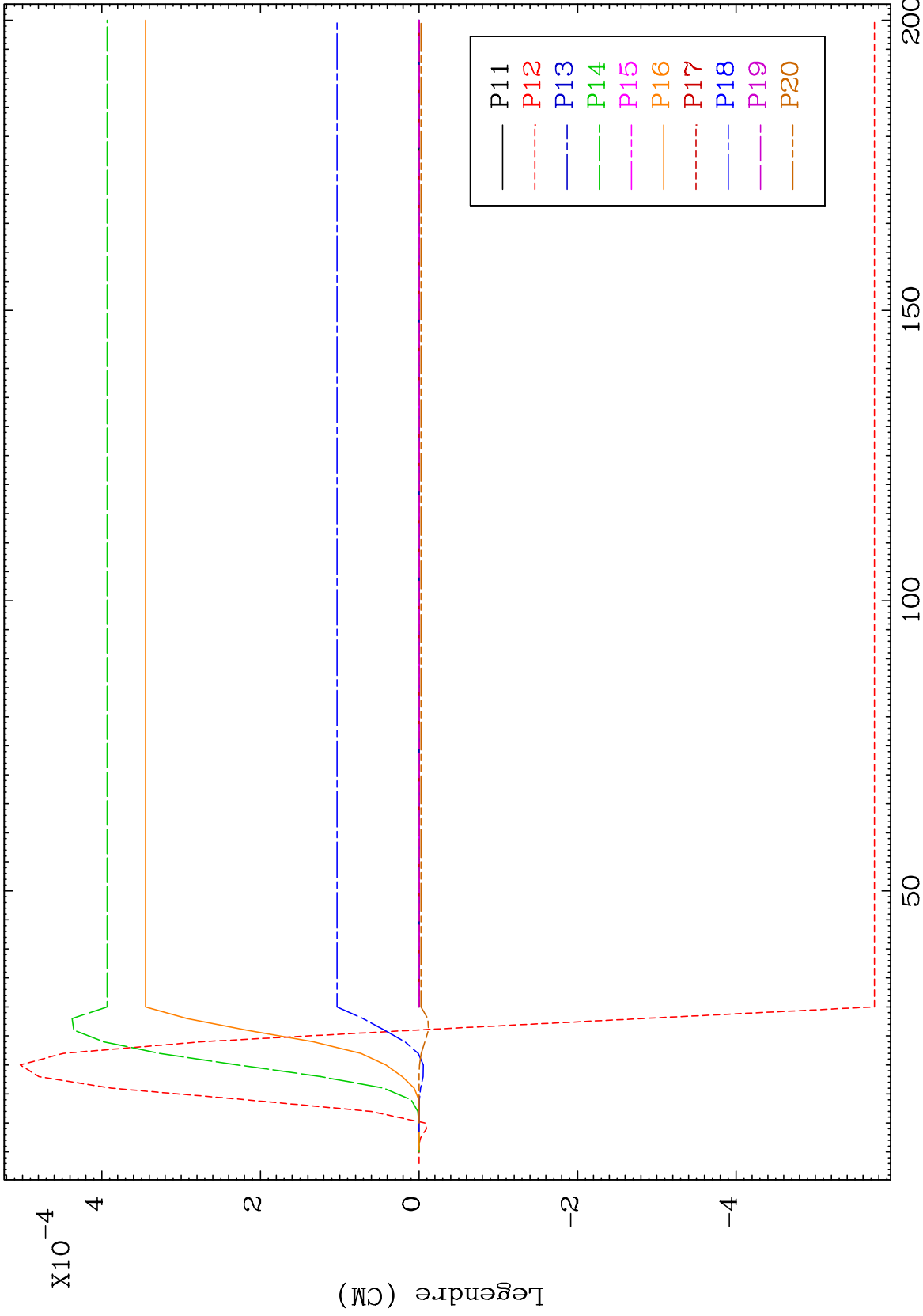


73 81-T1-201

MAT 8119

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

81-T1-201

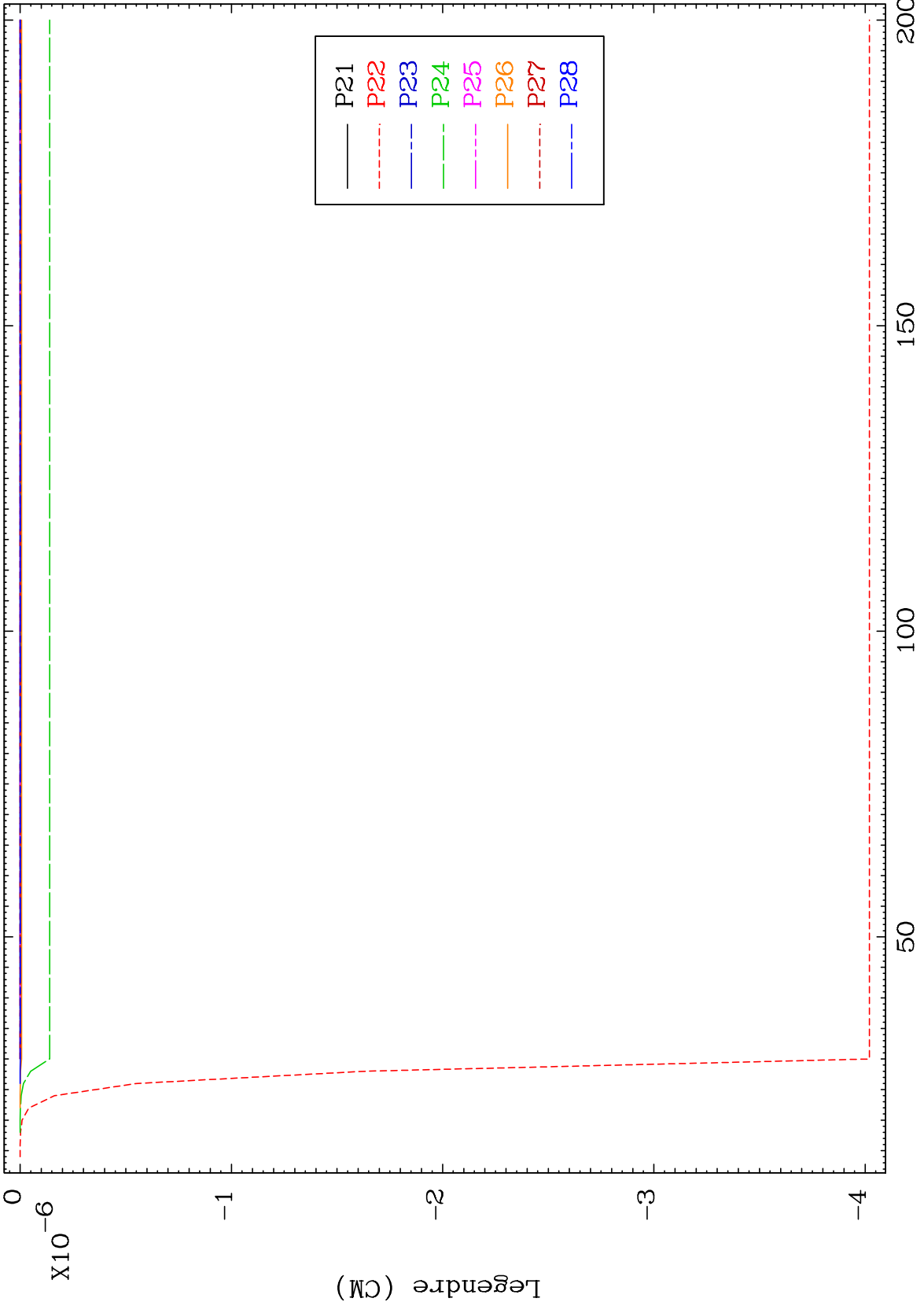


74

Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 65 (n,n') Level Legendre Coefficients 81-T1-201

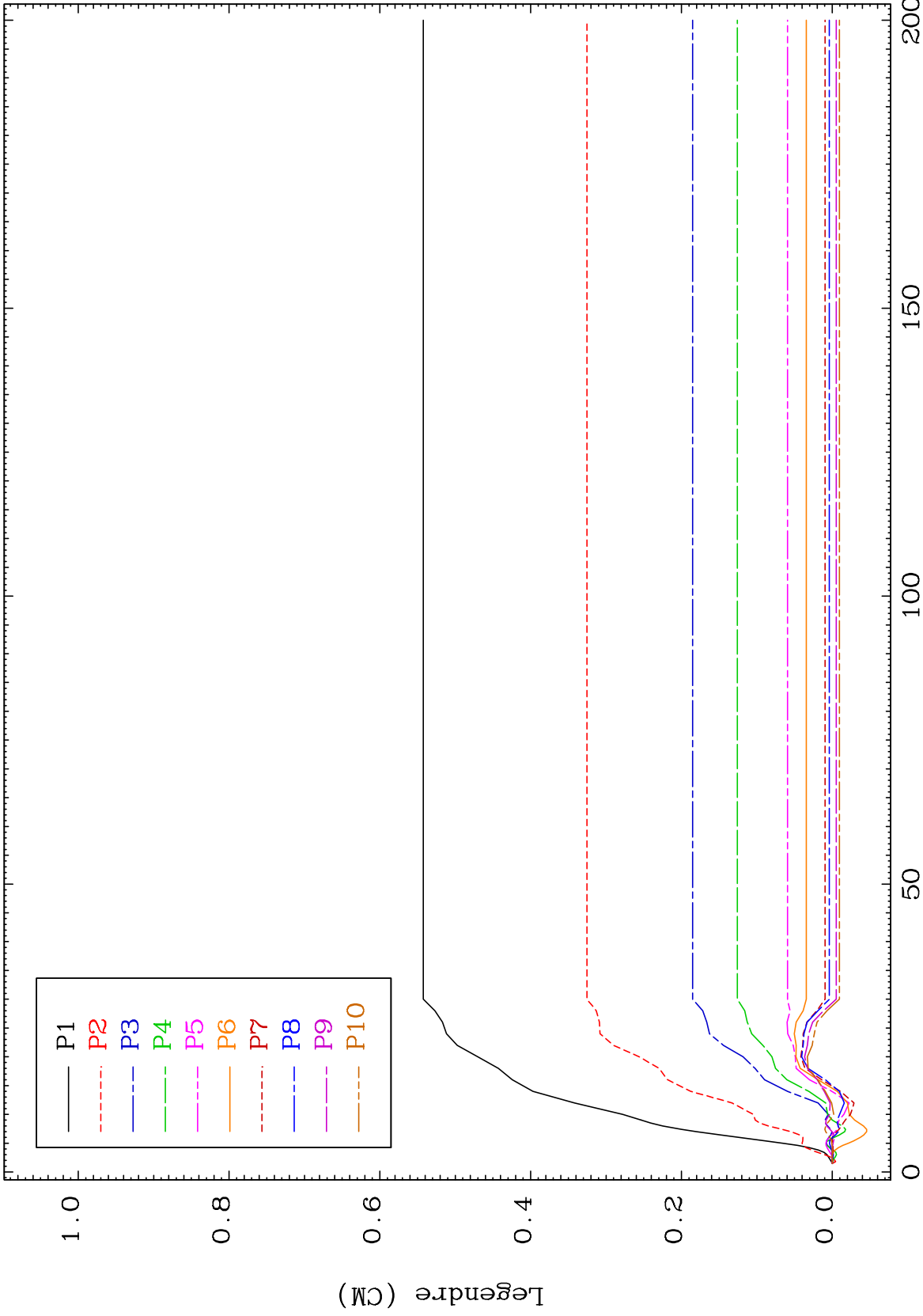


75 Incident Energy (MeV) 81-T1-201

MAT 8119

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

81-T1-201



76

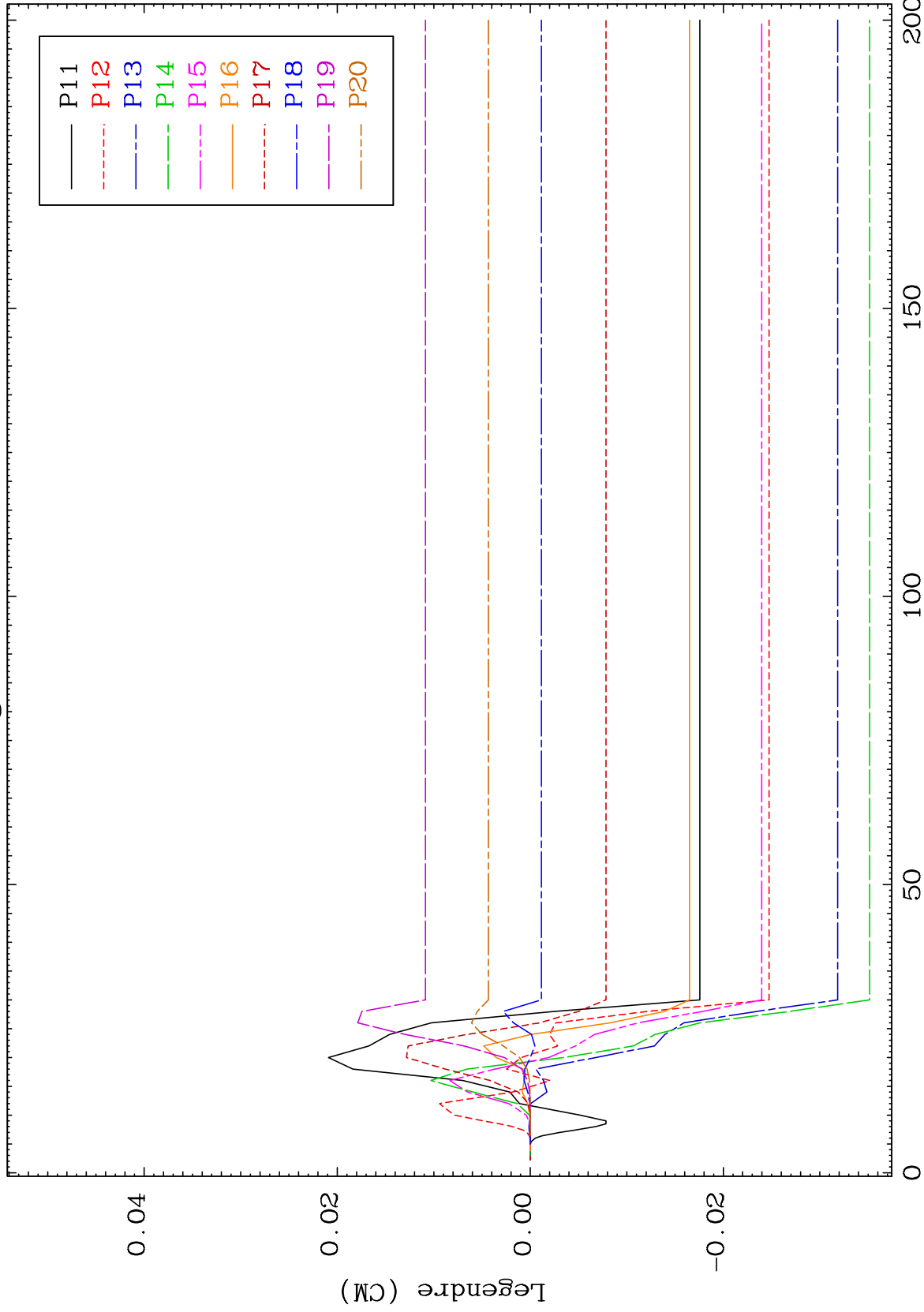
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



77

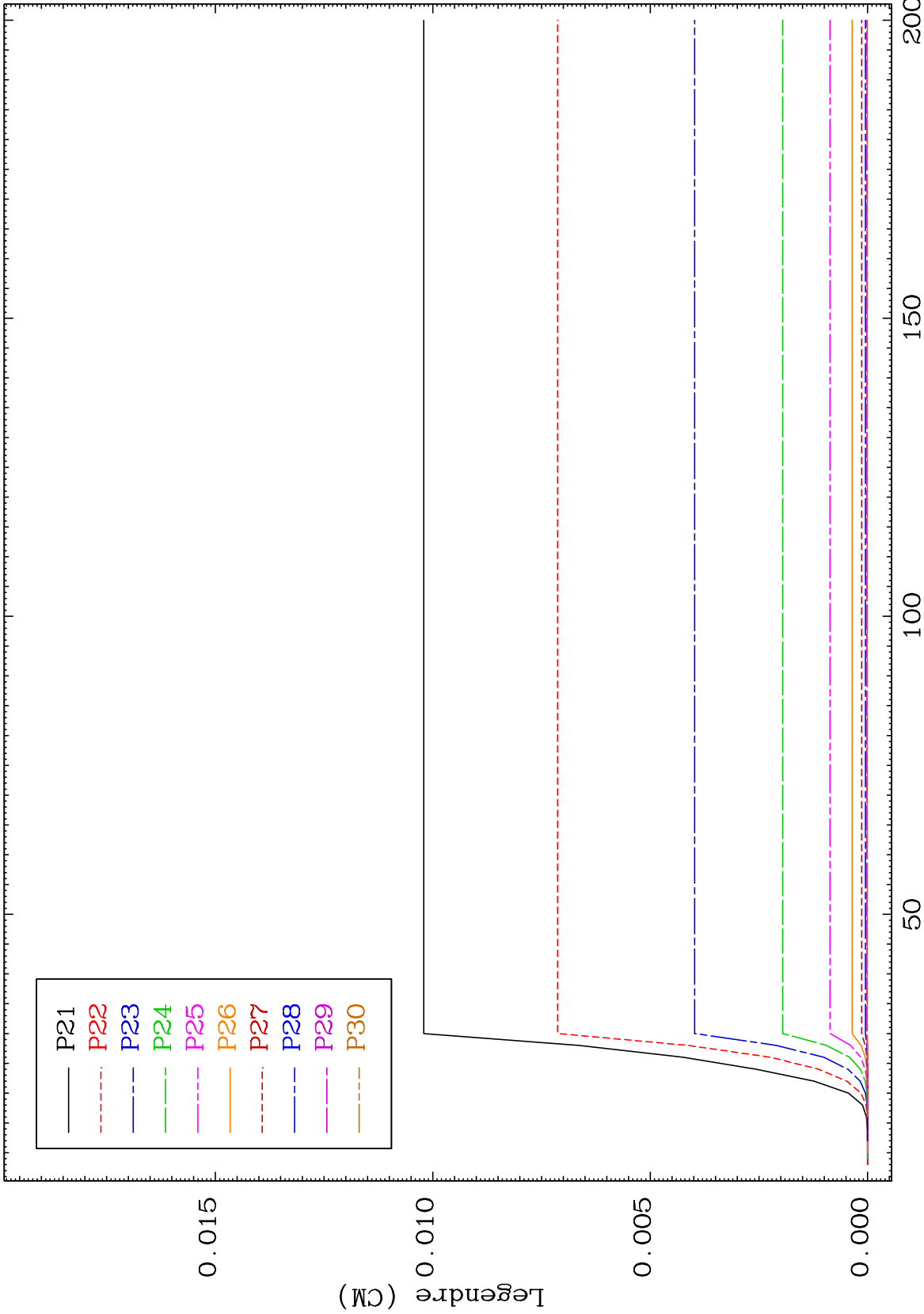
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



78

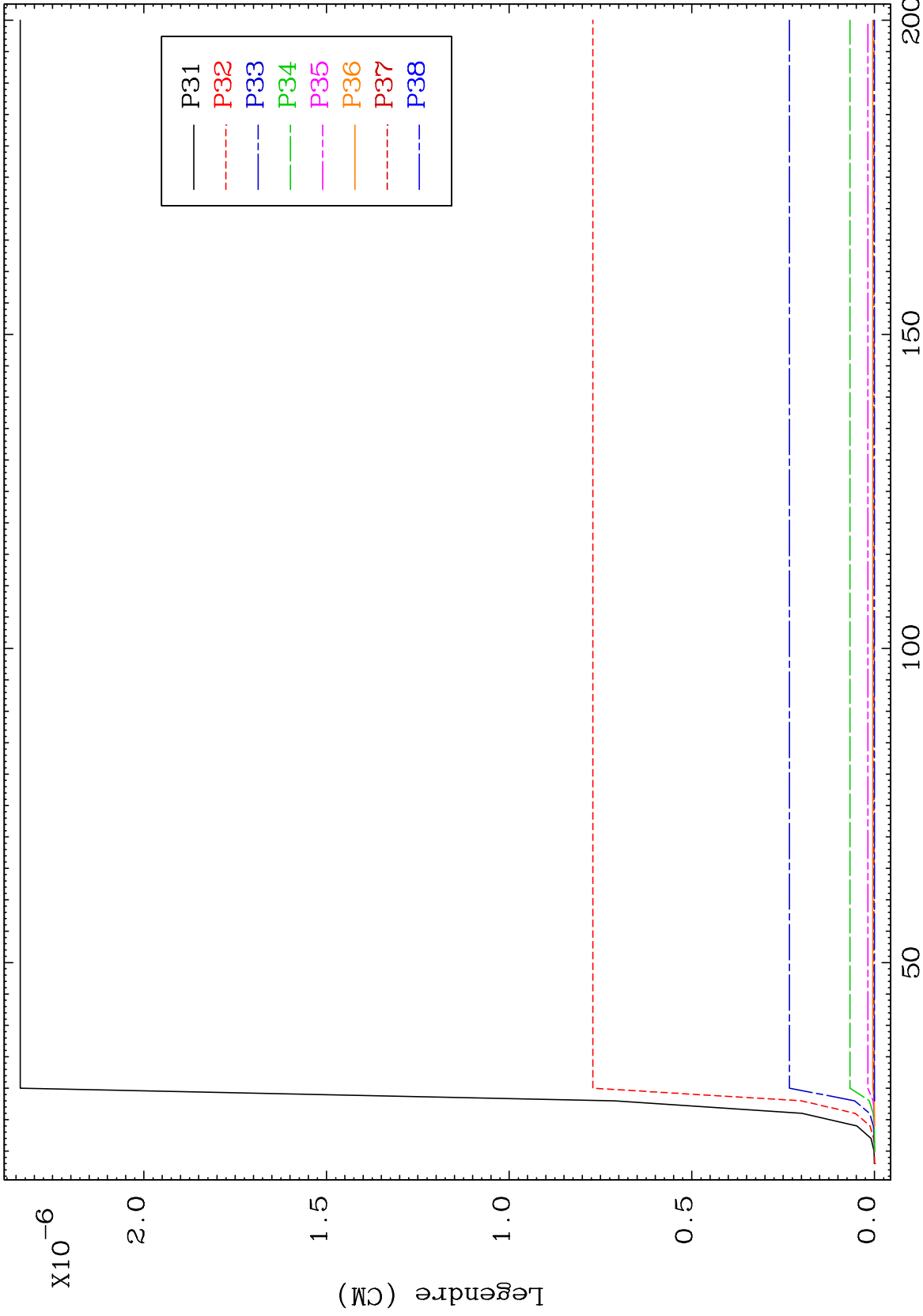
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



79

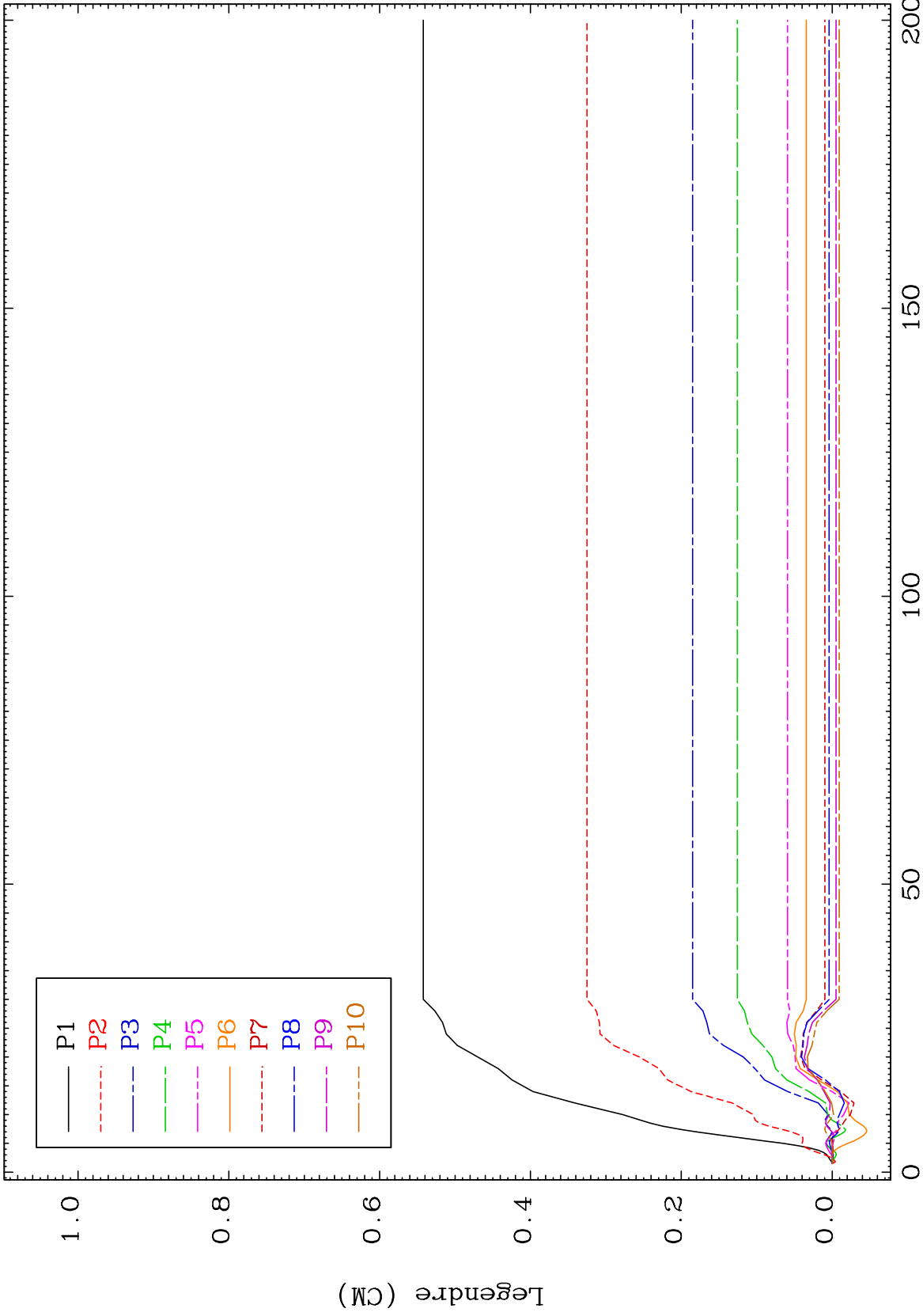
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



80

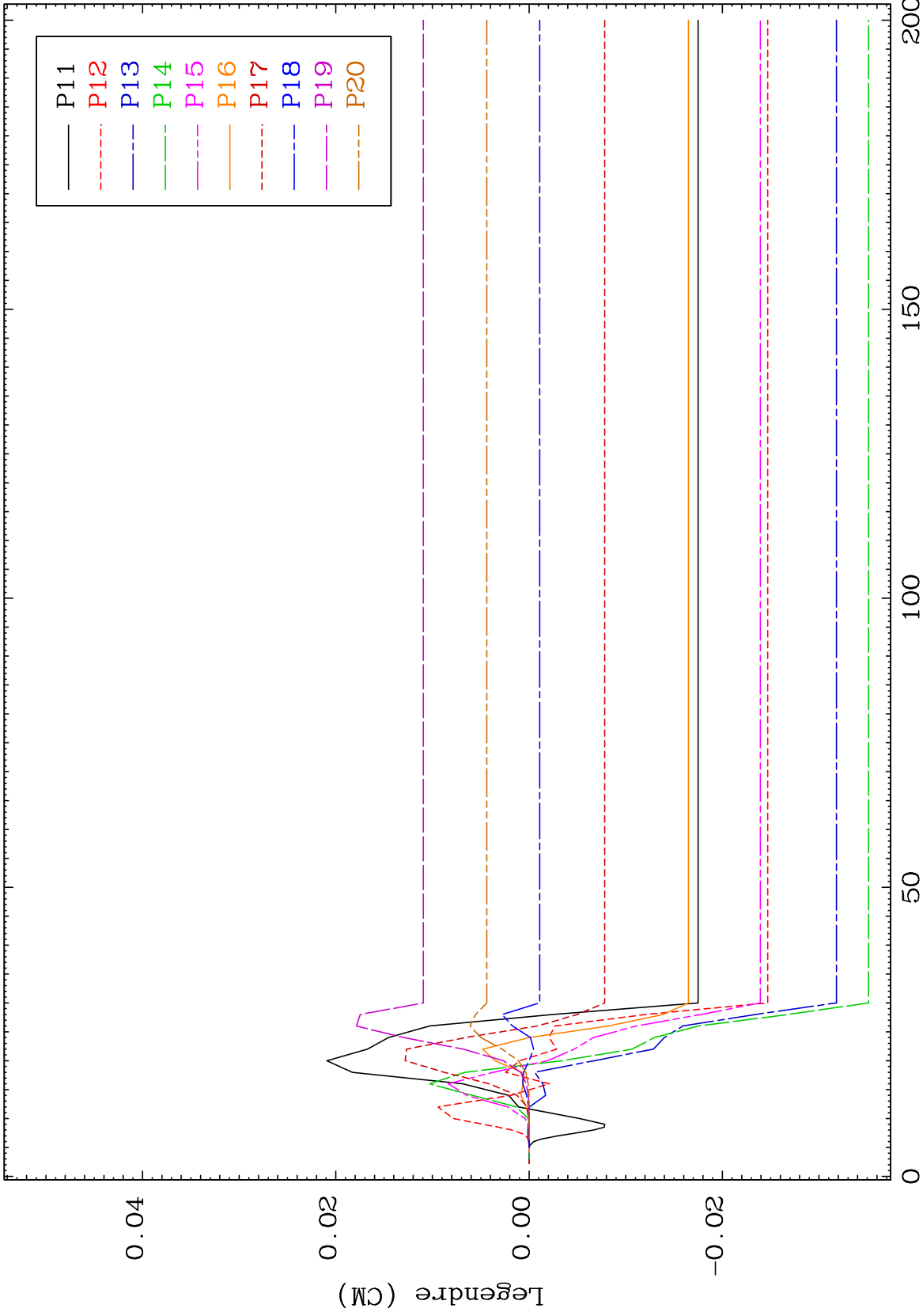
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



81

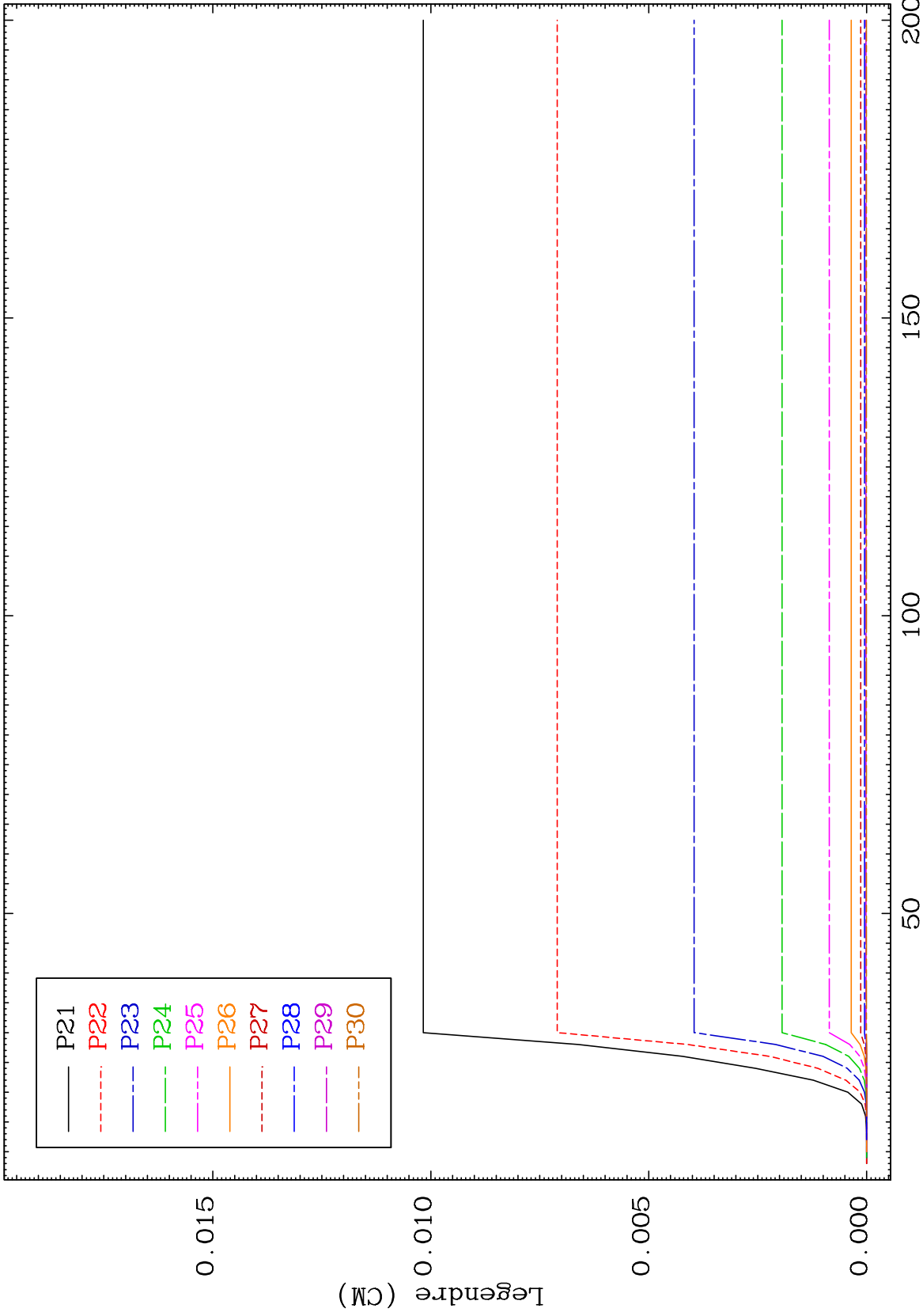
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



82

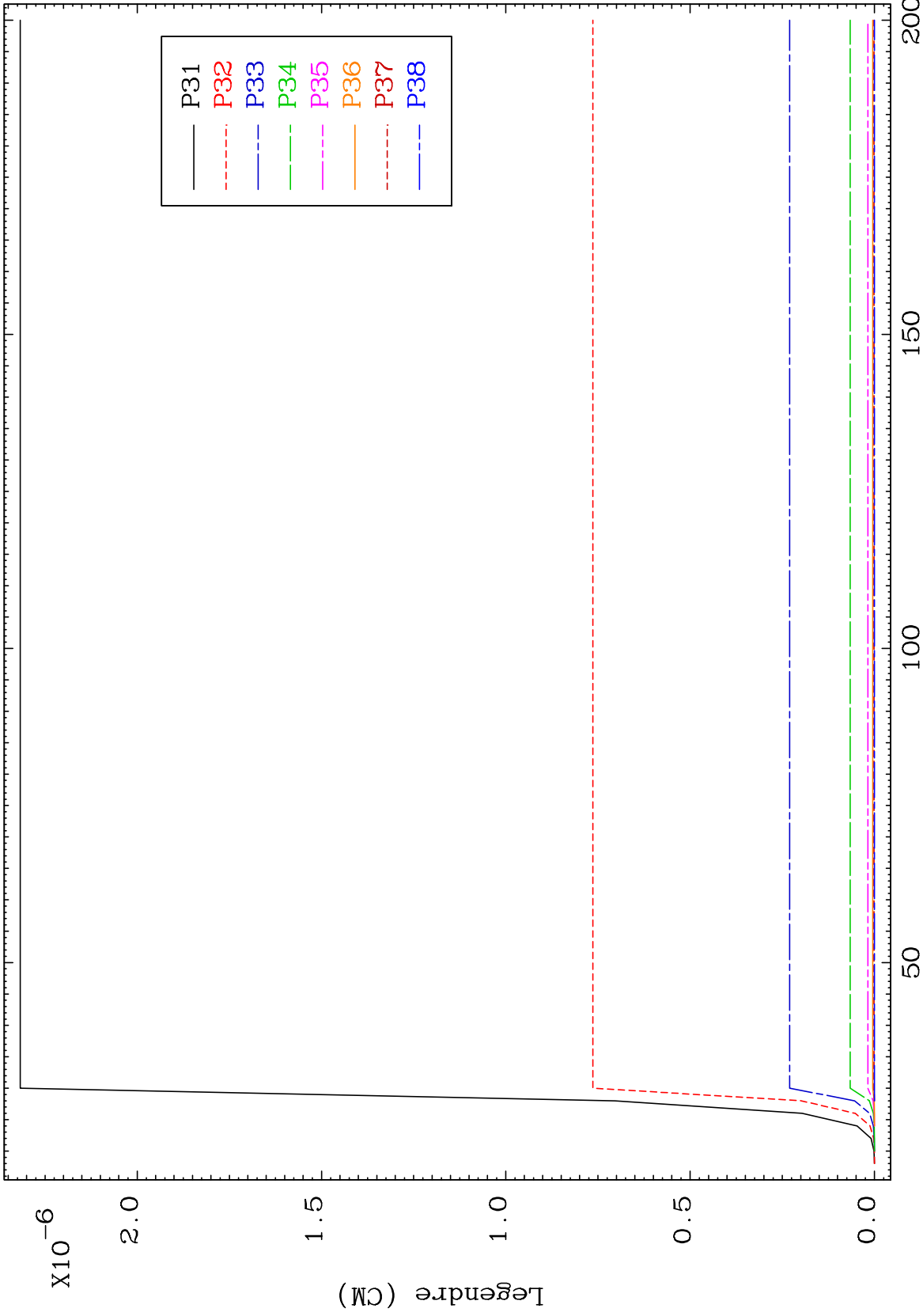
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



83

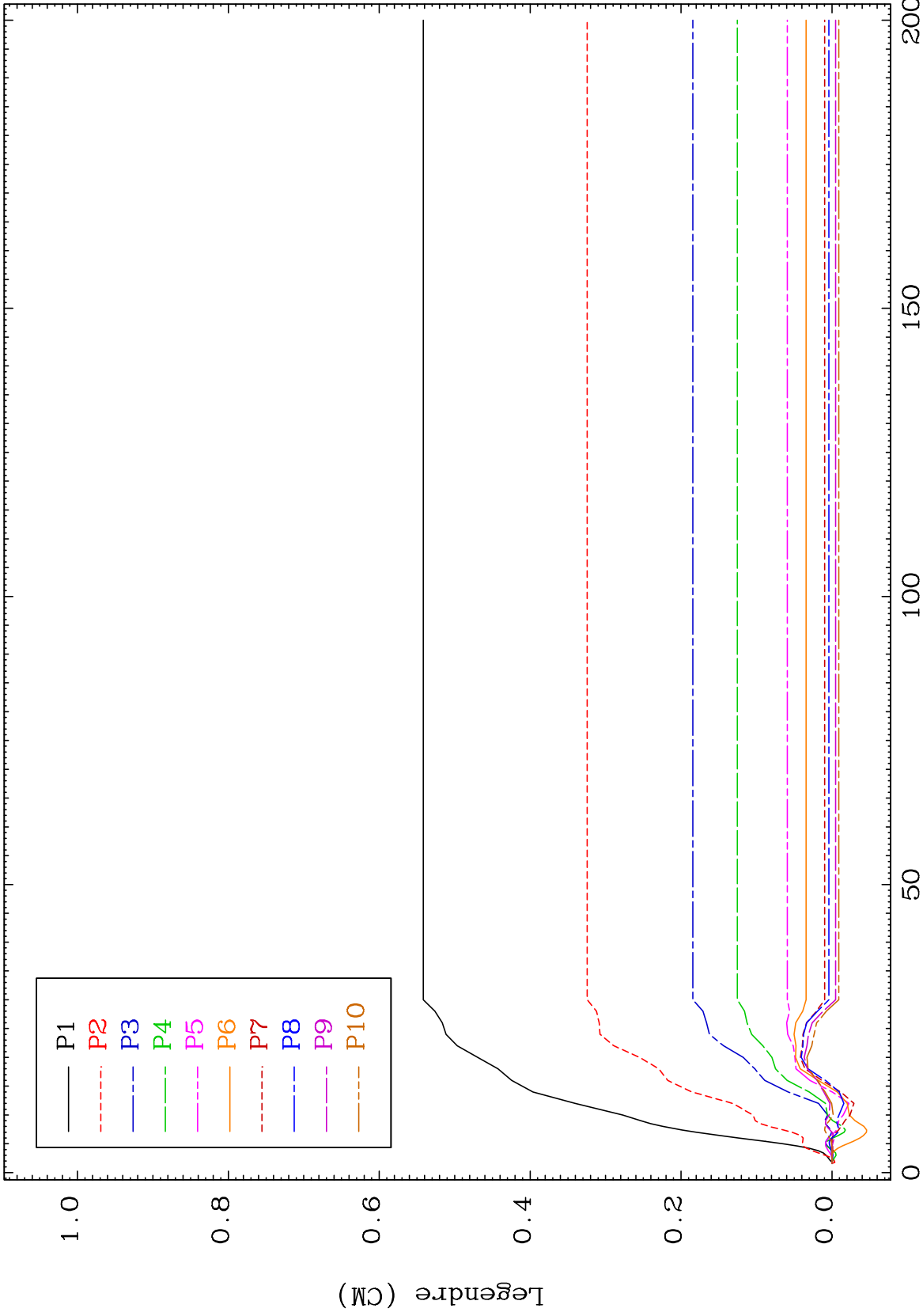
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



84

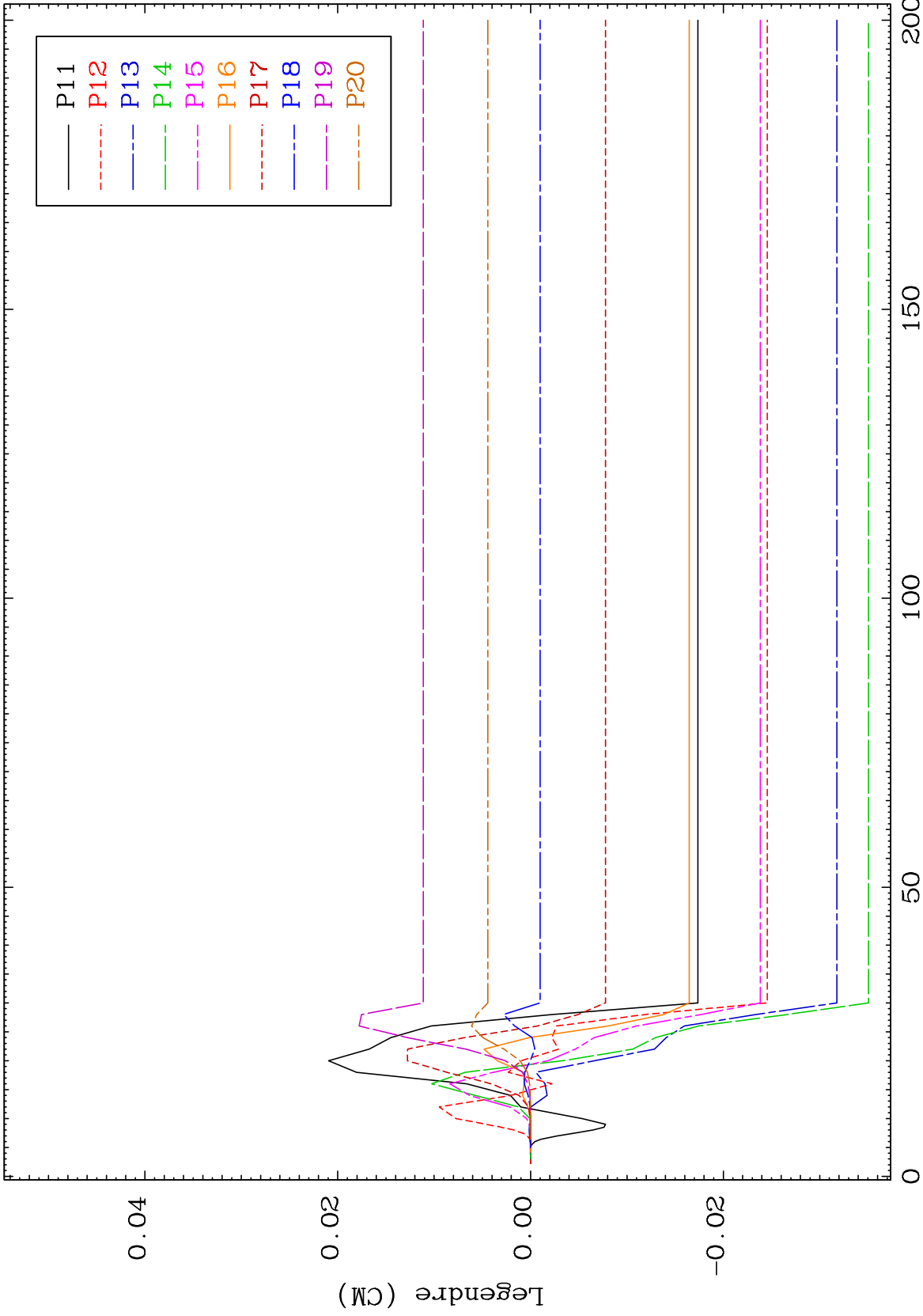
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



85

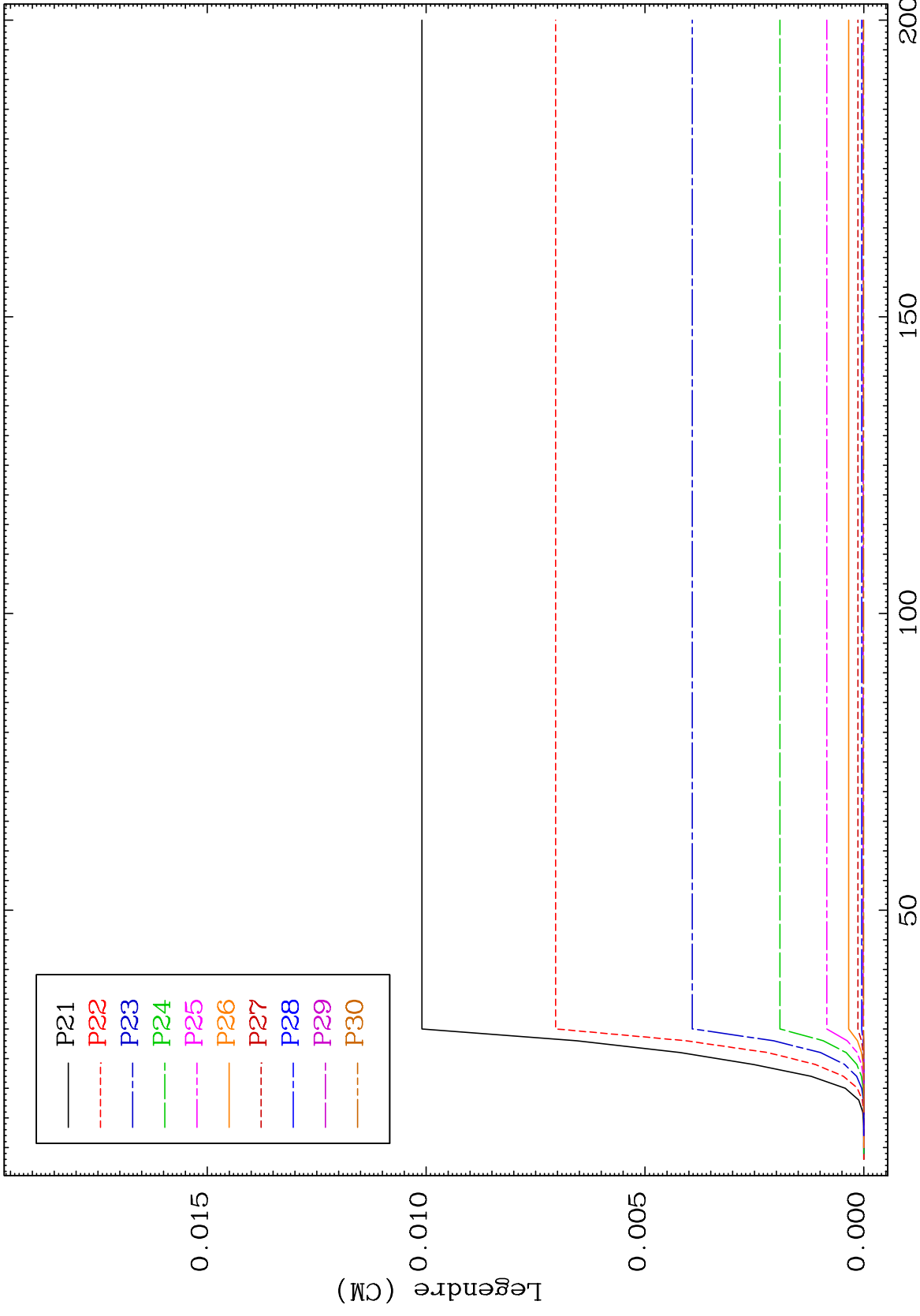
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-Tl-201



86

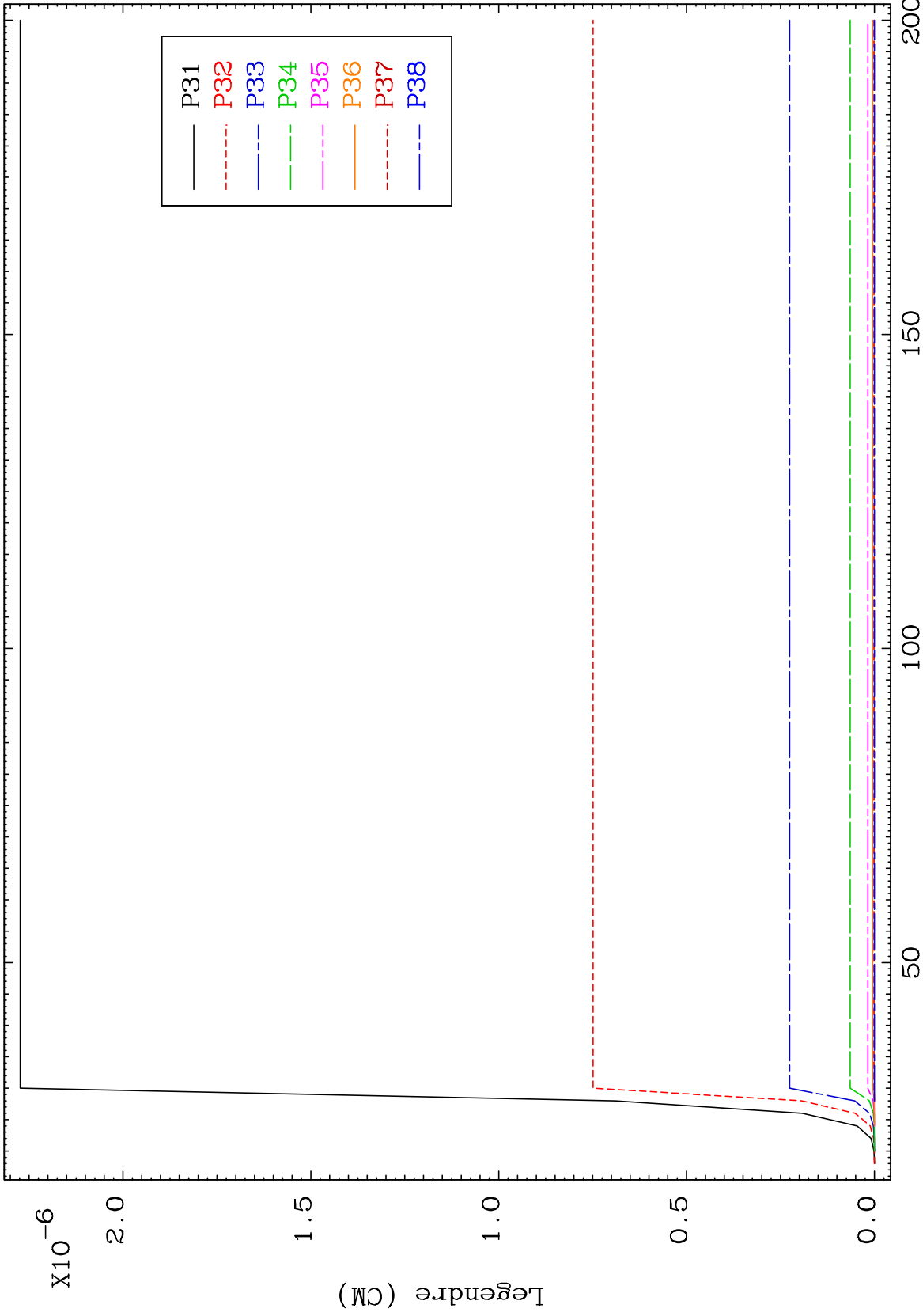
Incident Energy (MeV)

81-Tl-201

MAT 8119

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

81-T1-201



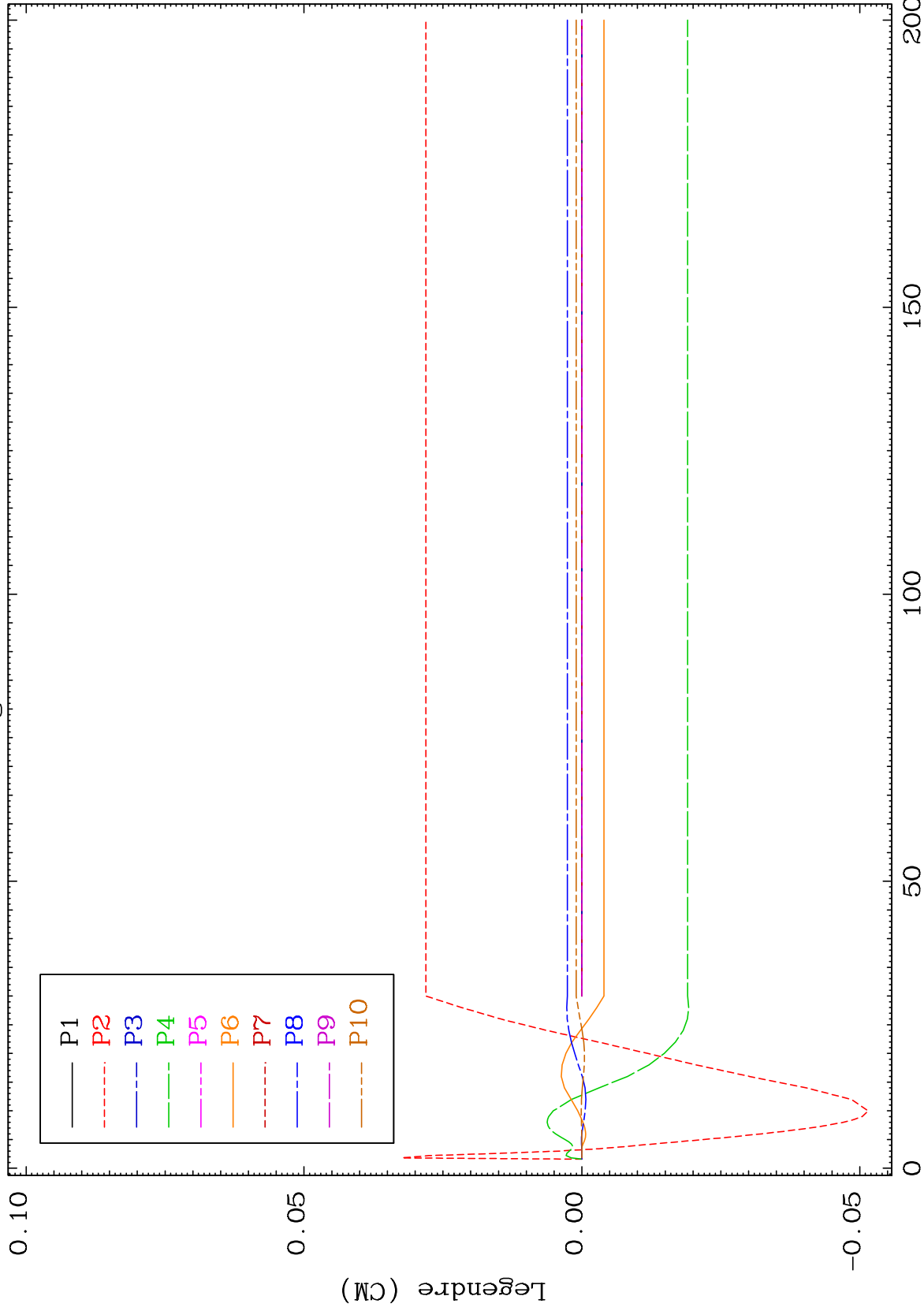
87

81-T1-201

MAT 81119

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

81-T1-201



88

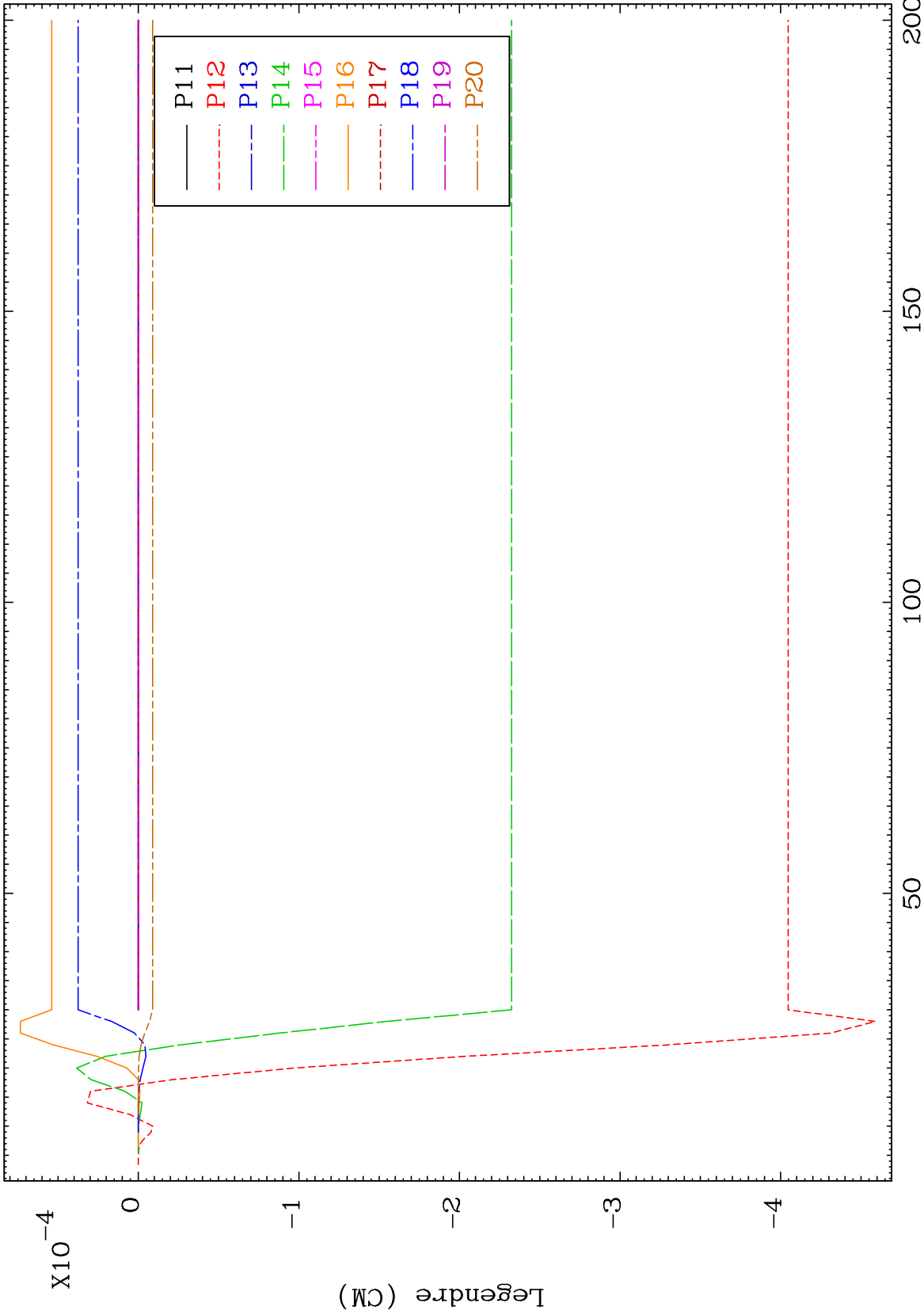
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201

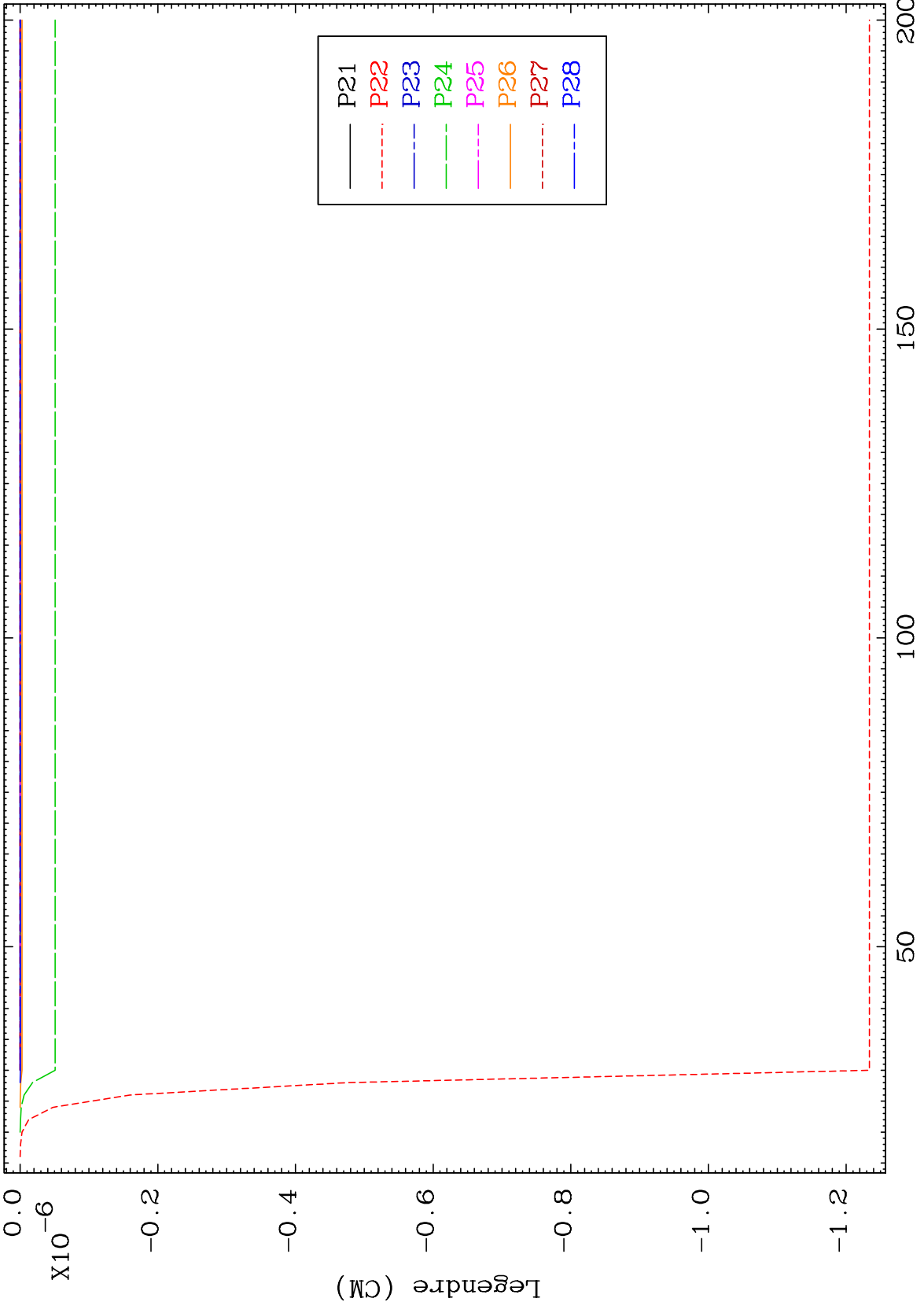


89

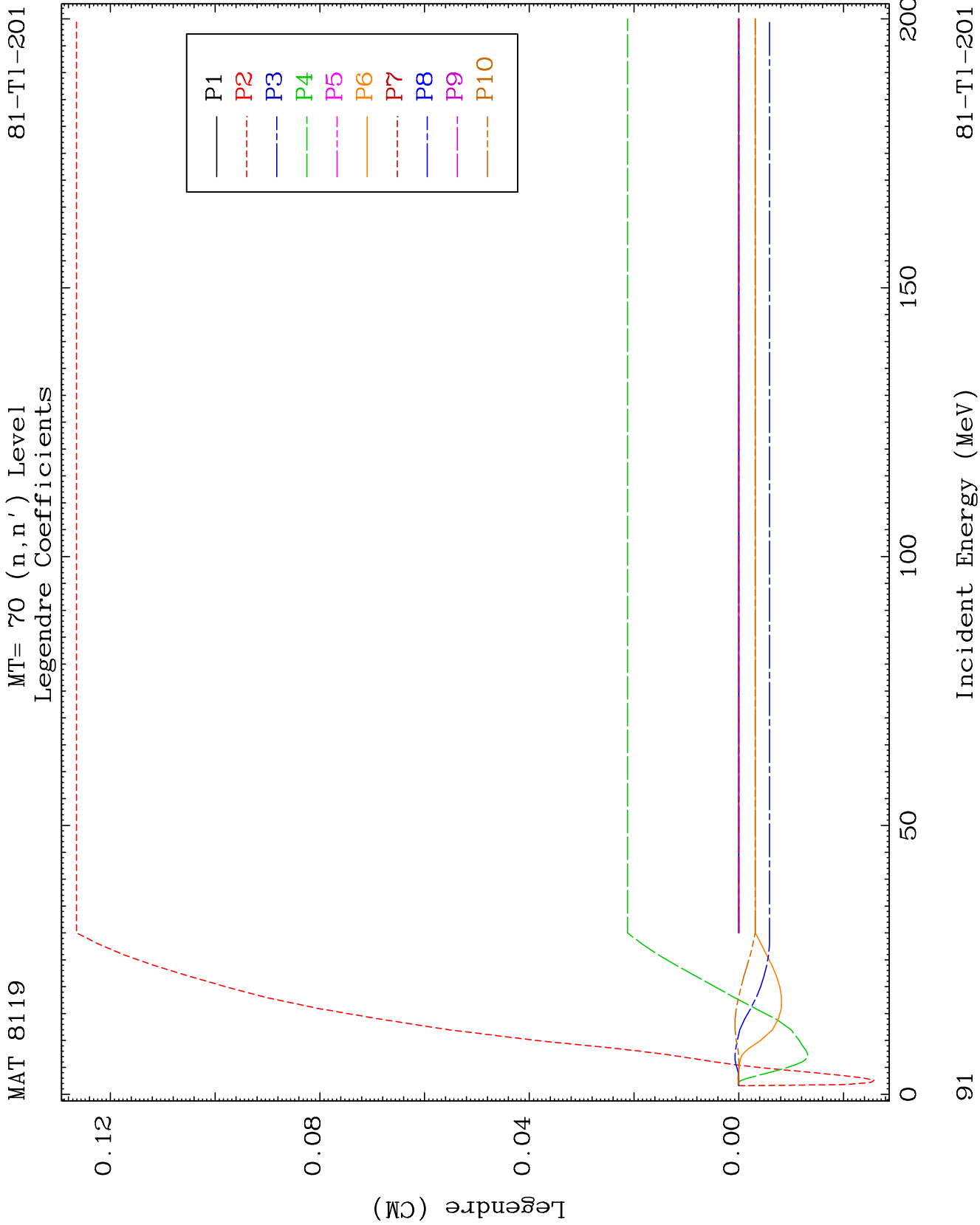
Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 69 (n,n') Level Legendre Coefficients 81-T1-201



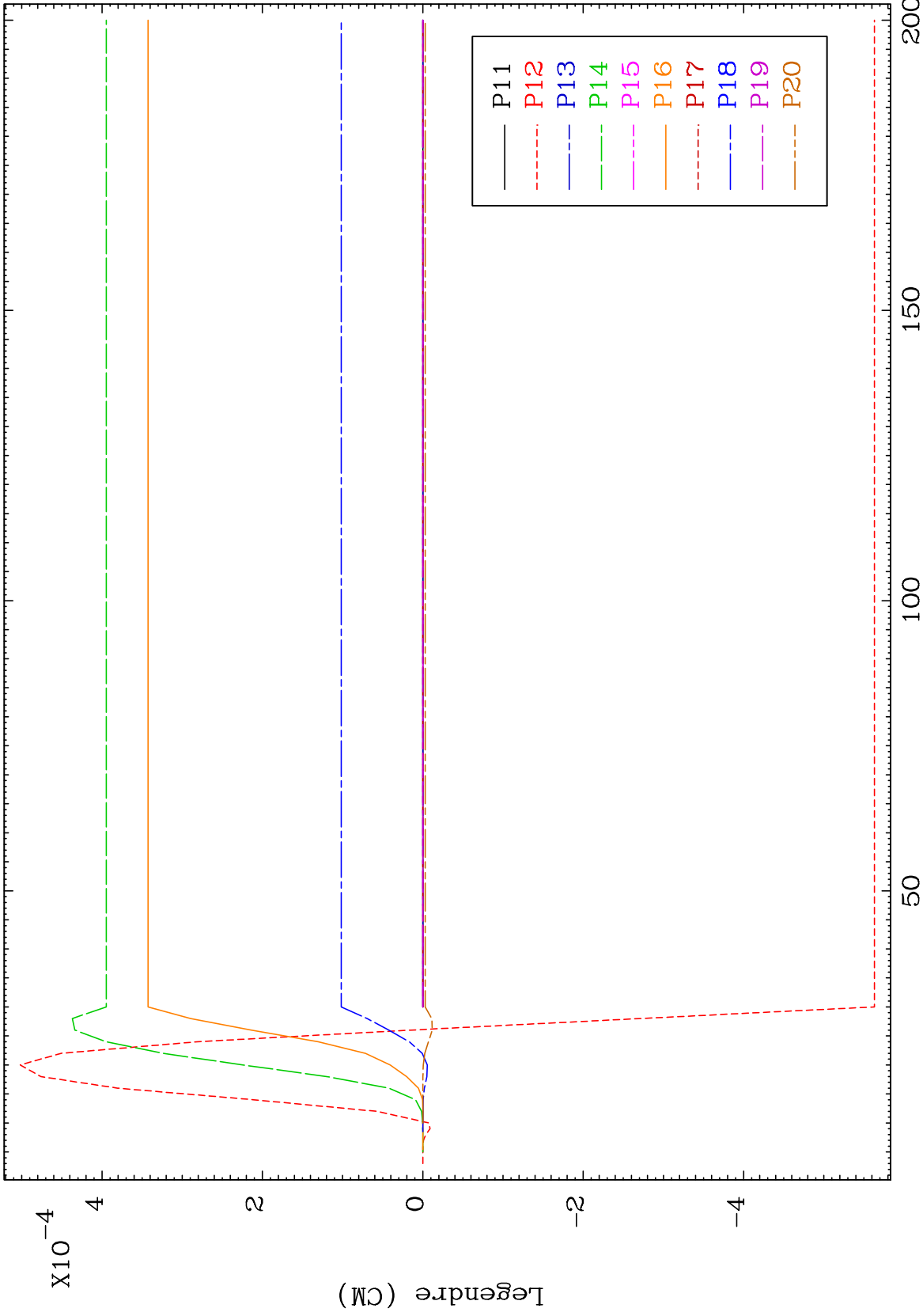
90 Incident Energy (MeV) 150 200 81-T1-201



MAT 8119

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

81-T1-201

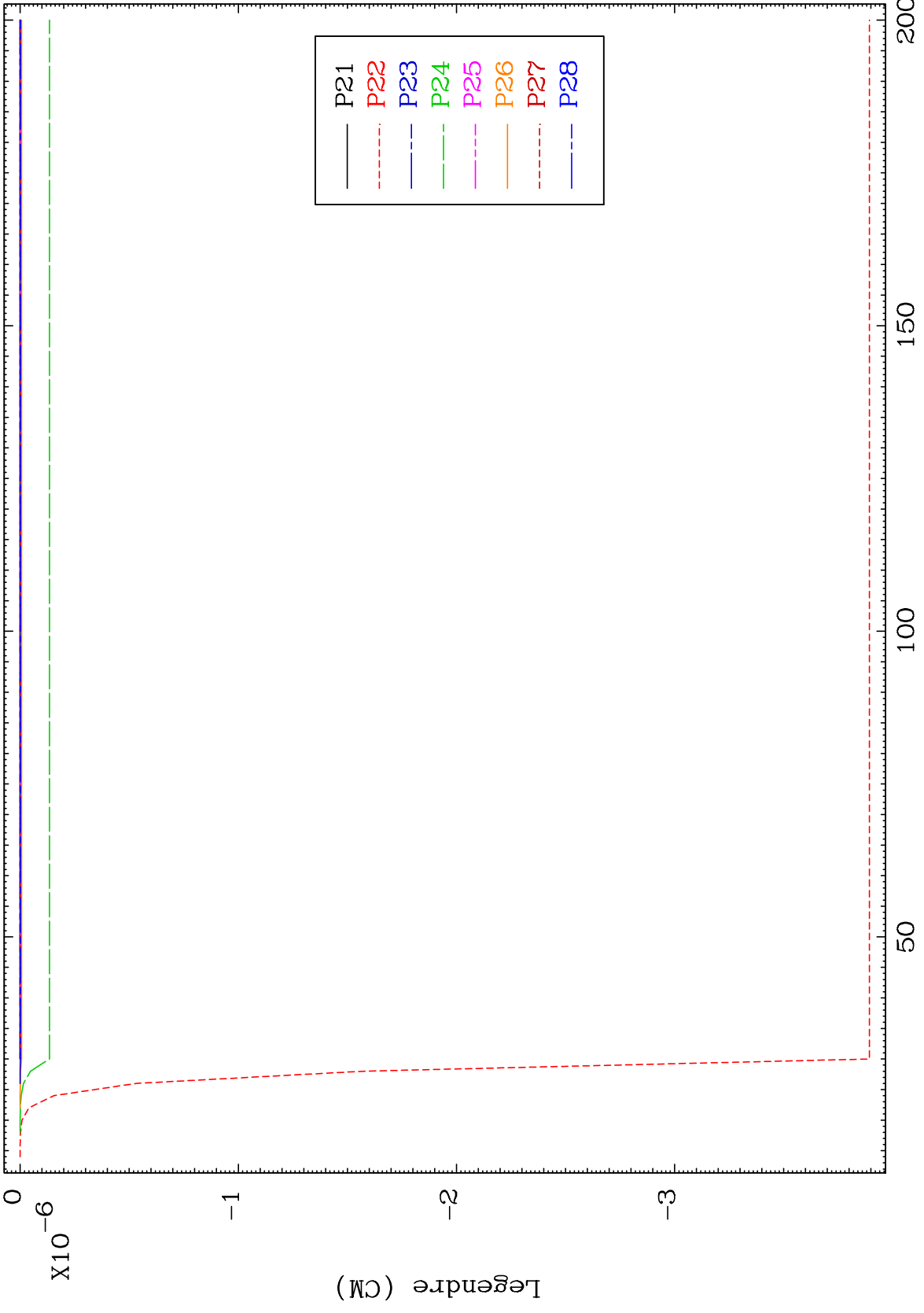


92

Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 70 (n,n') Level Legendre Coefficients 81-T1-201

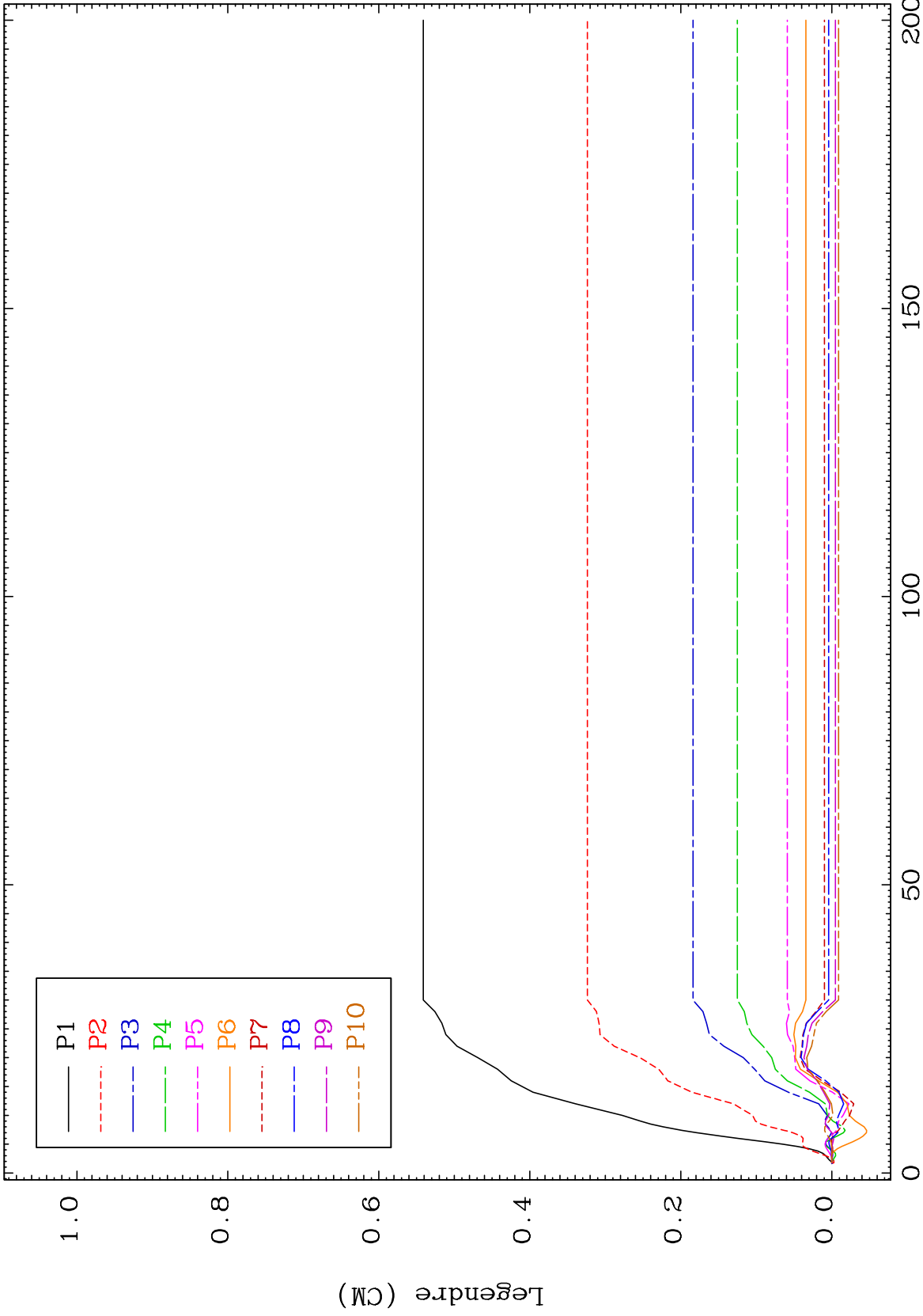


93 81-T1-201

MAT 81119

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

81-T1-201



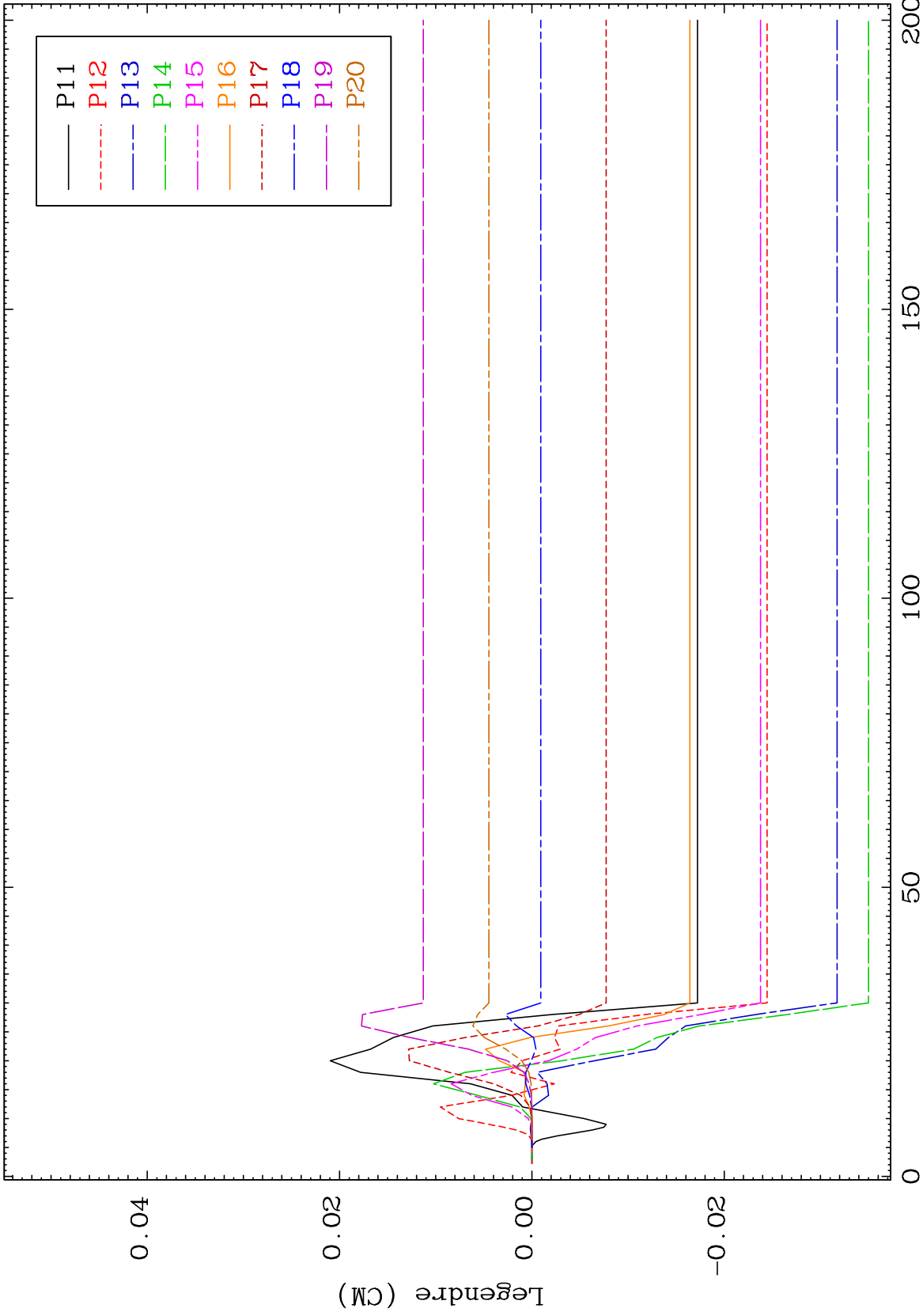
94

81-T1-201

MAT 8119

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

81-T1-201



95

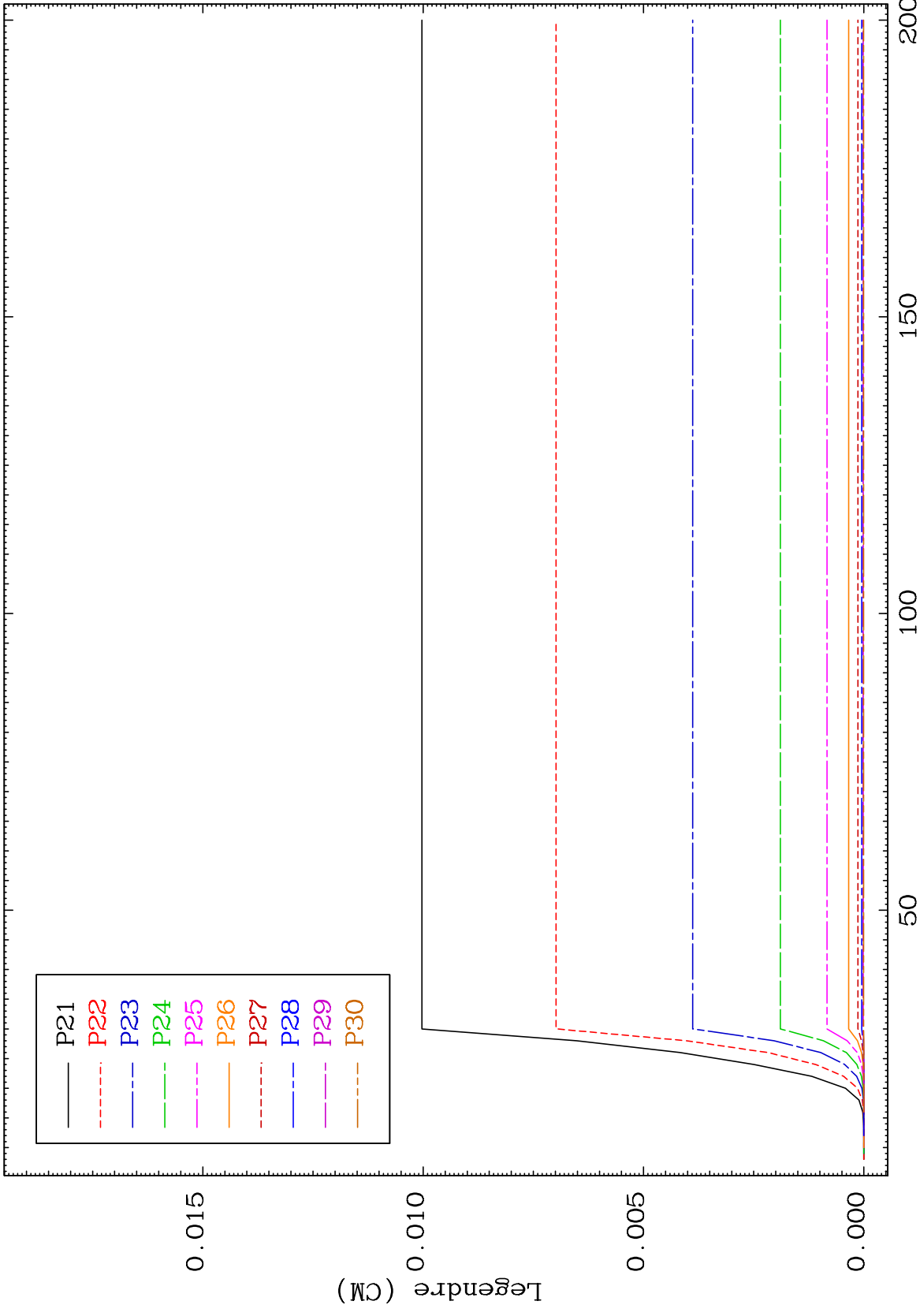
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



96

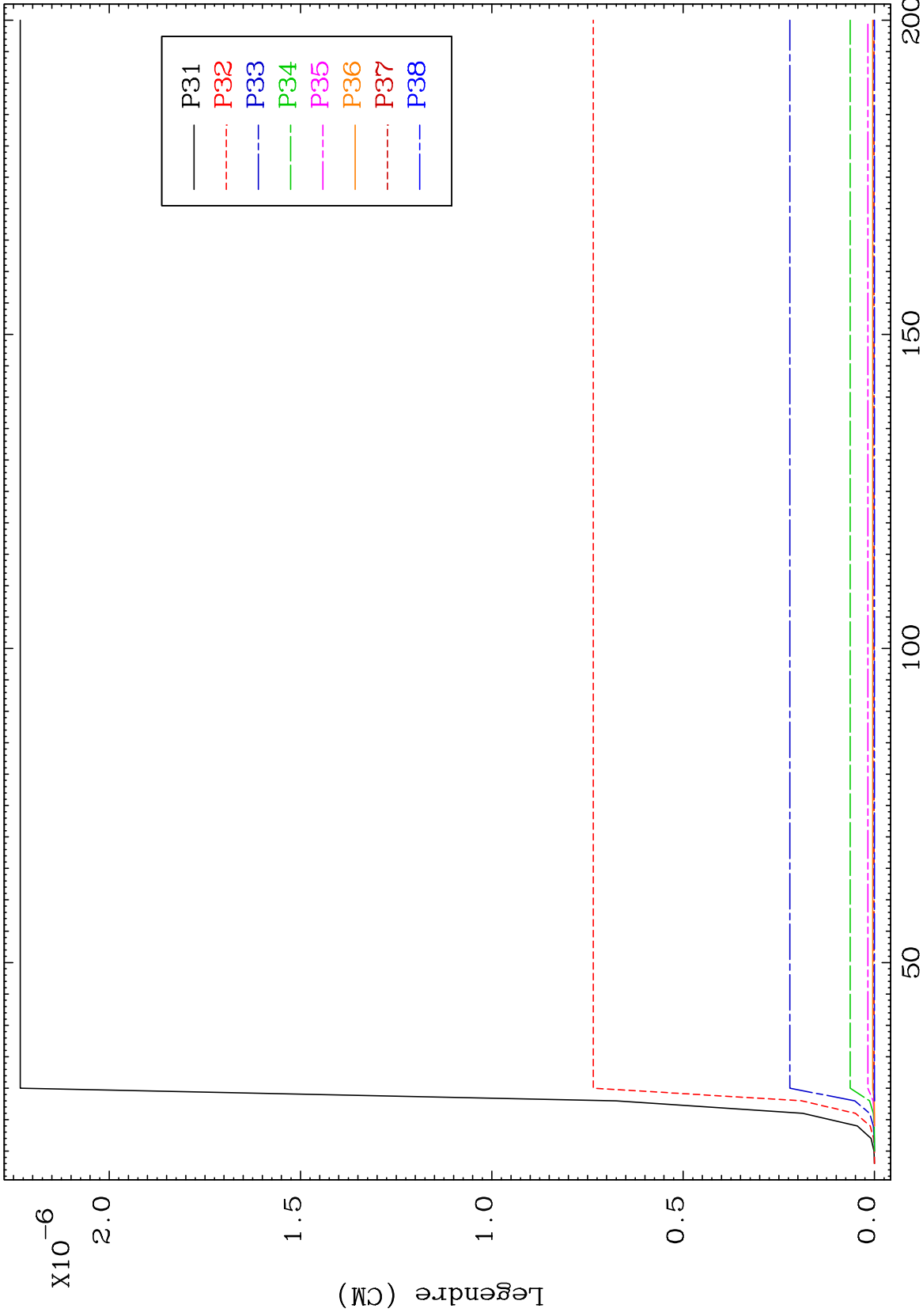
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



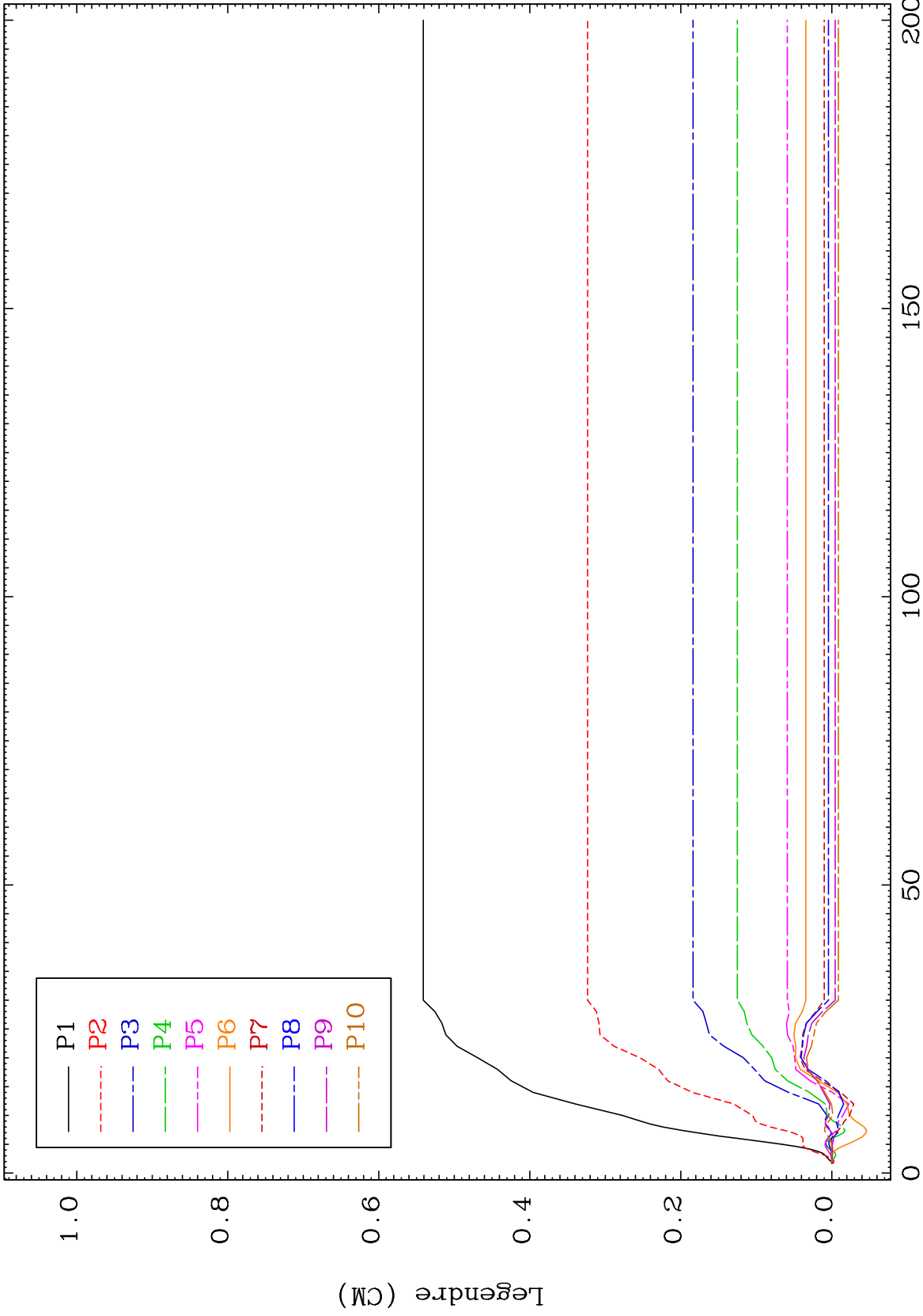
97

81-T1-201

MAT 8119

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

81-T1-201



98

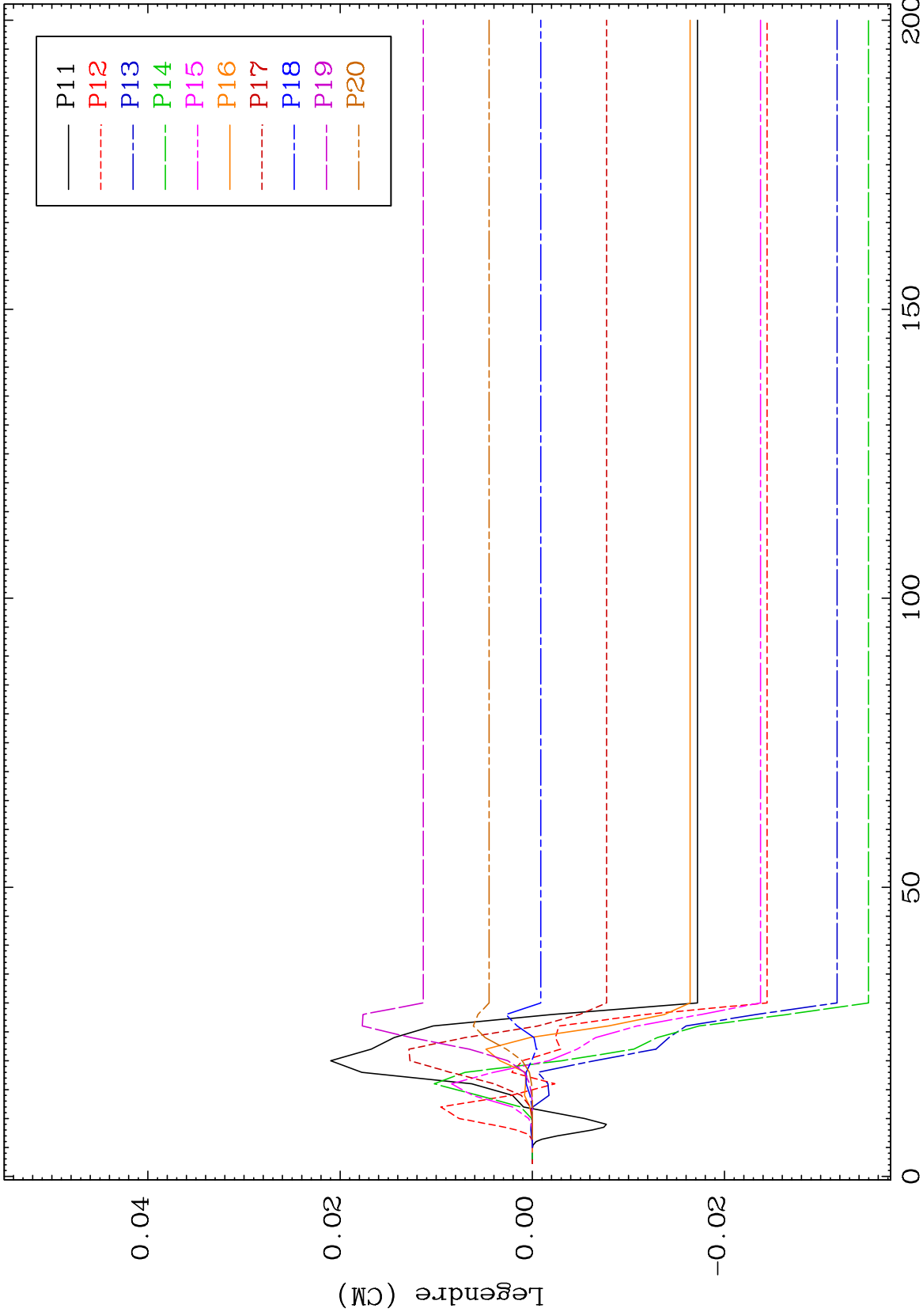
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



99

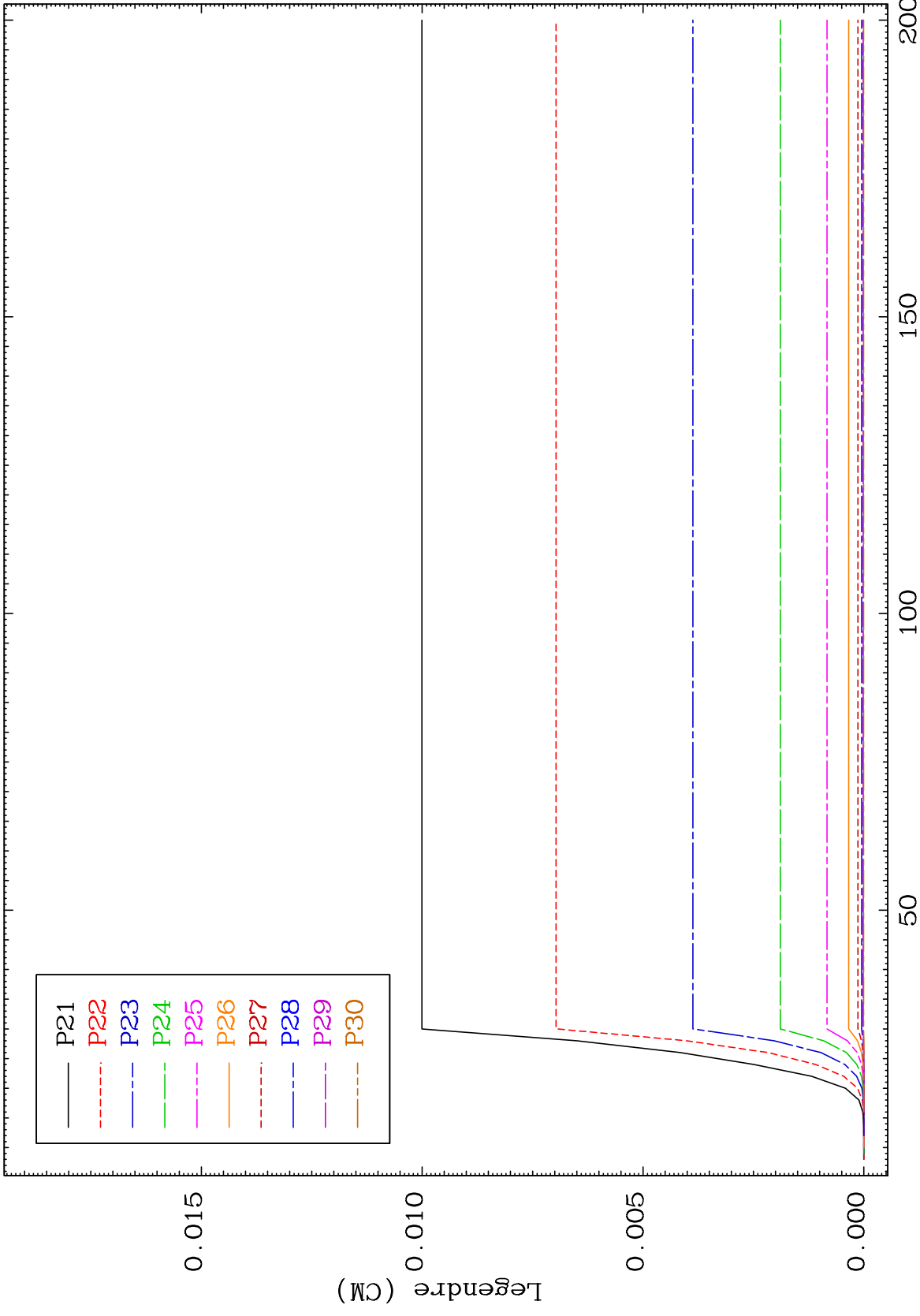
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



100

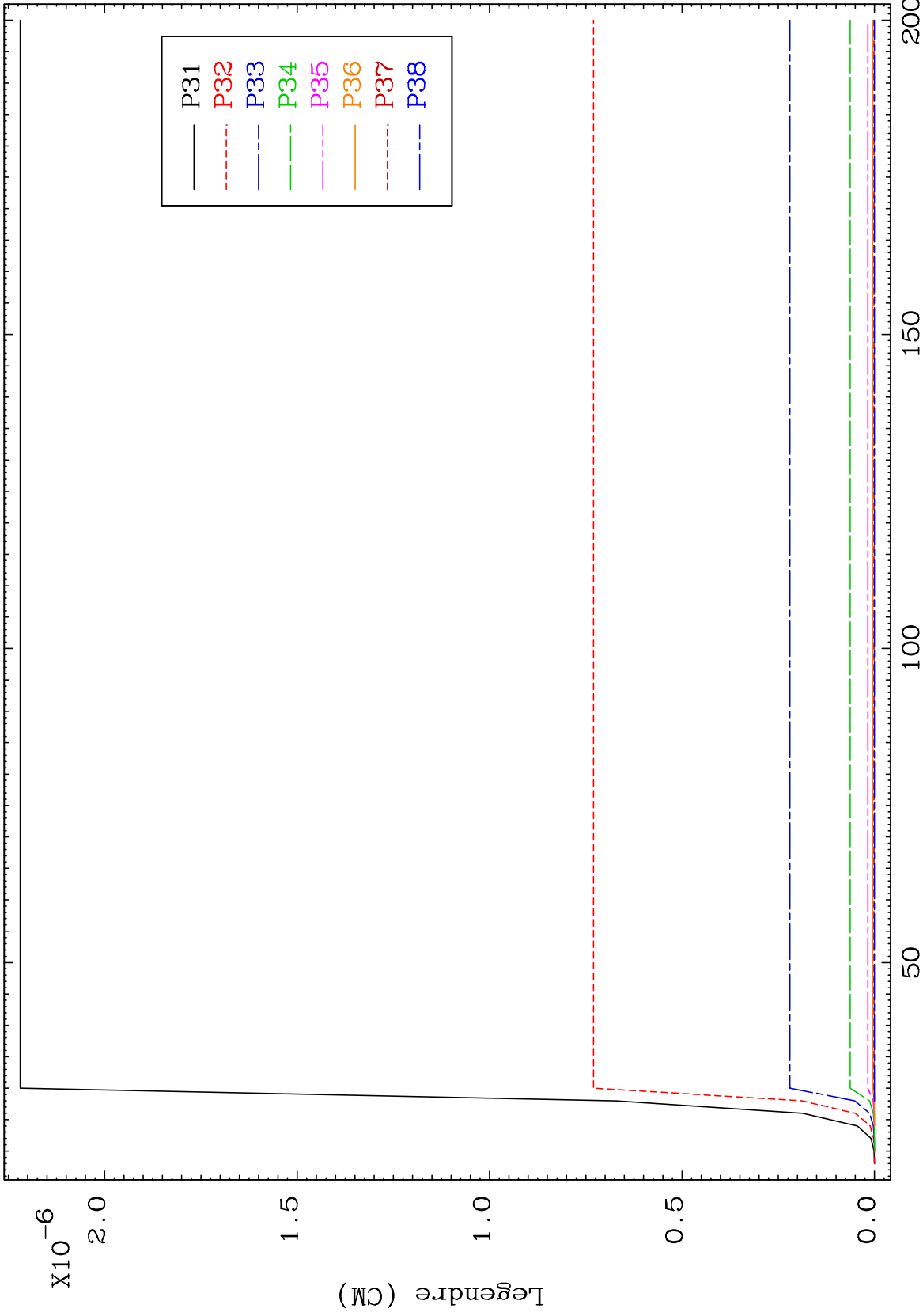
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



101

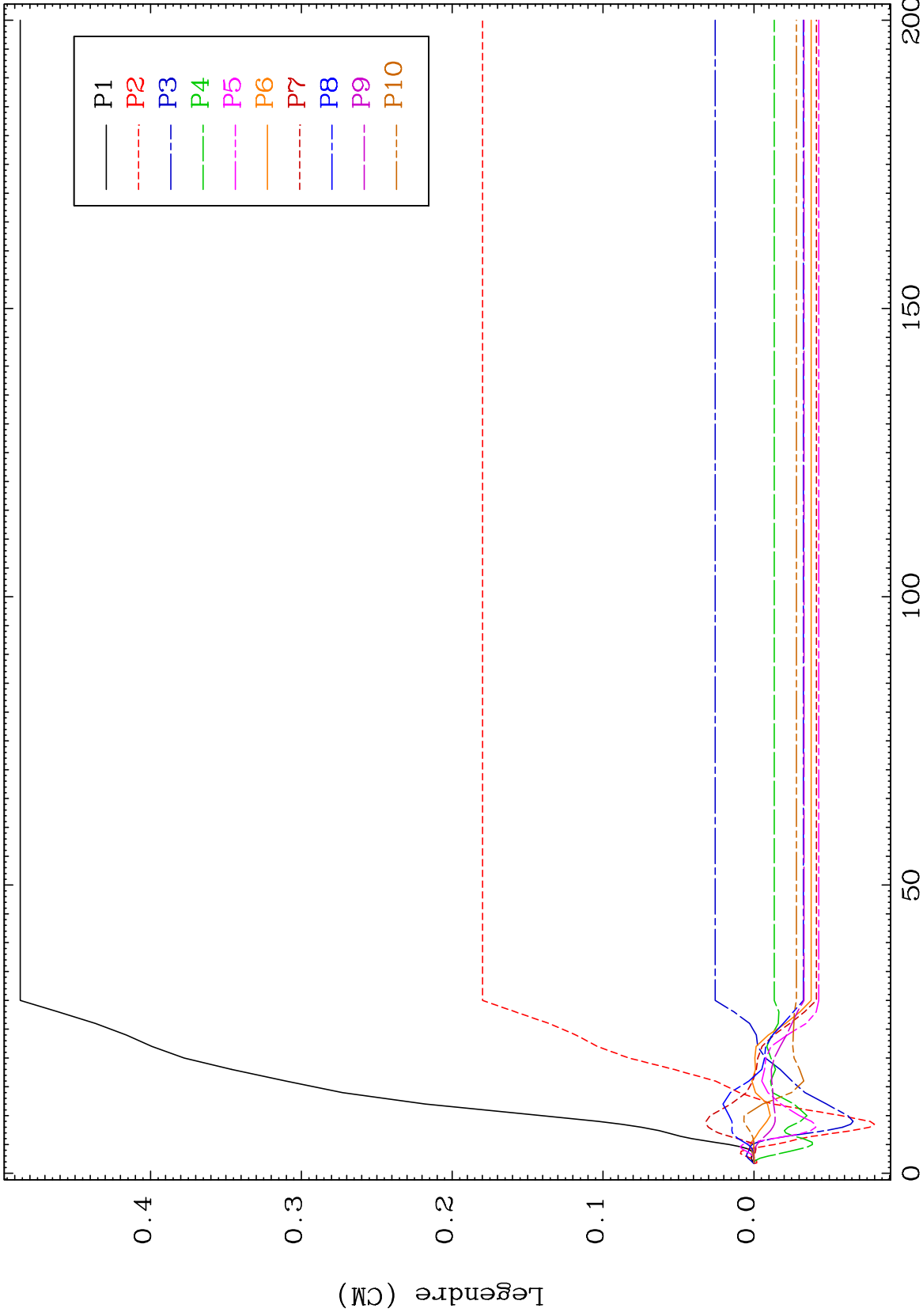
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



102

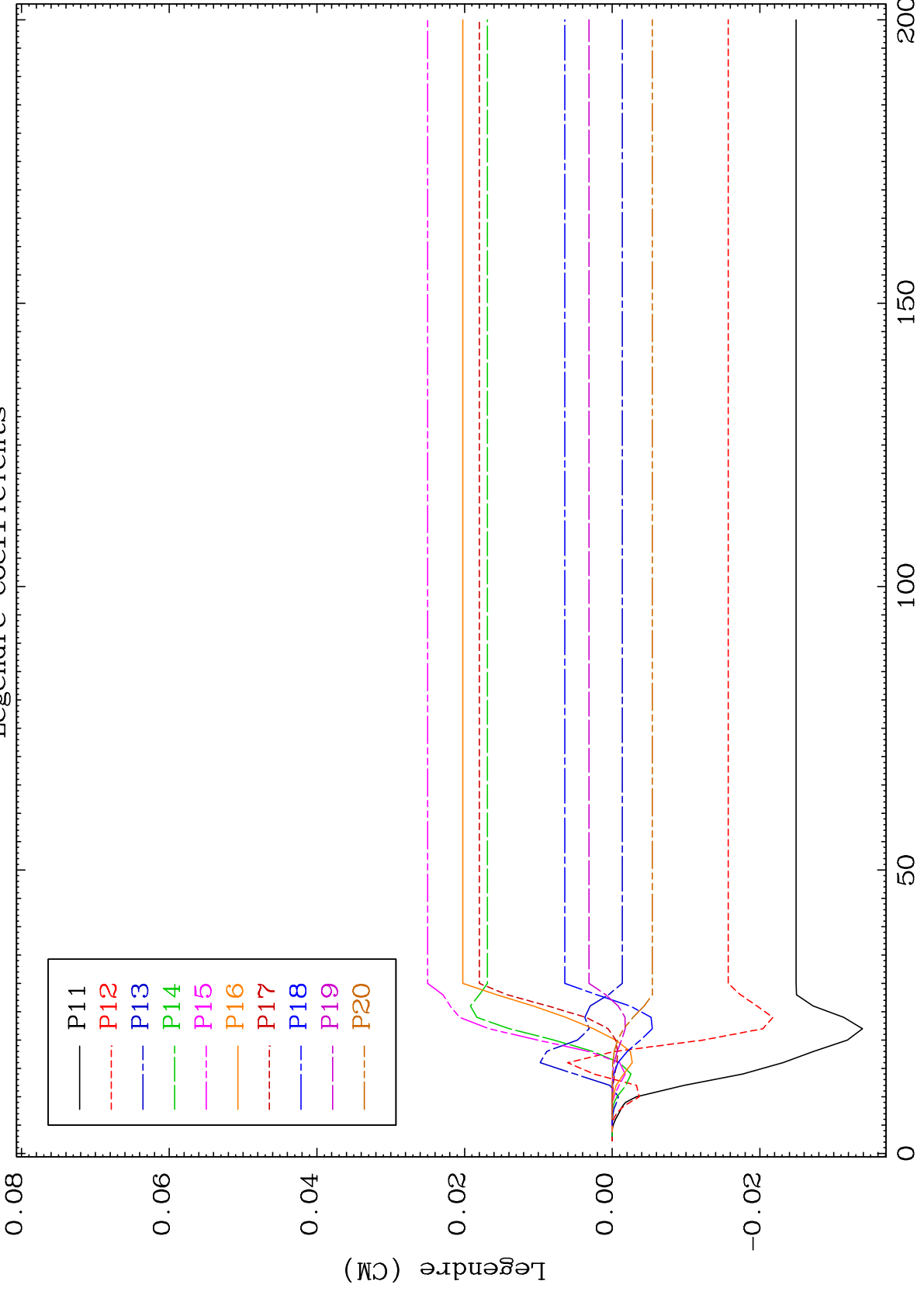
Incident Energy (MeV)

81-T1-201

MAT 81119 MT= 73 (n,n') Level Legendre Coefficients

81-T1-201

81-T1-201

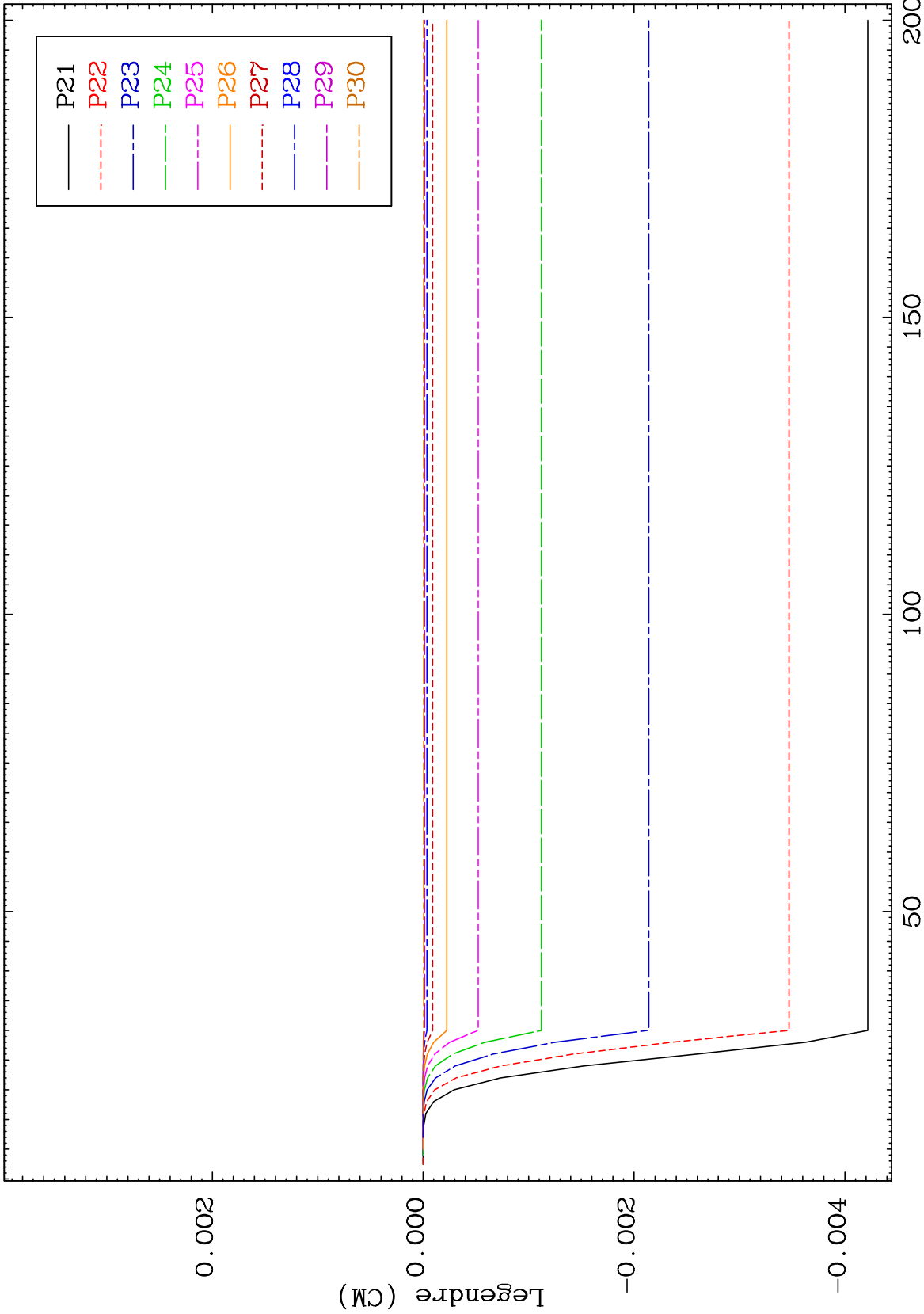


103

MAT 8119

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

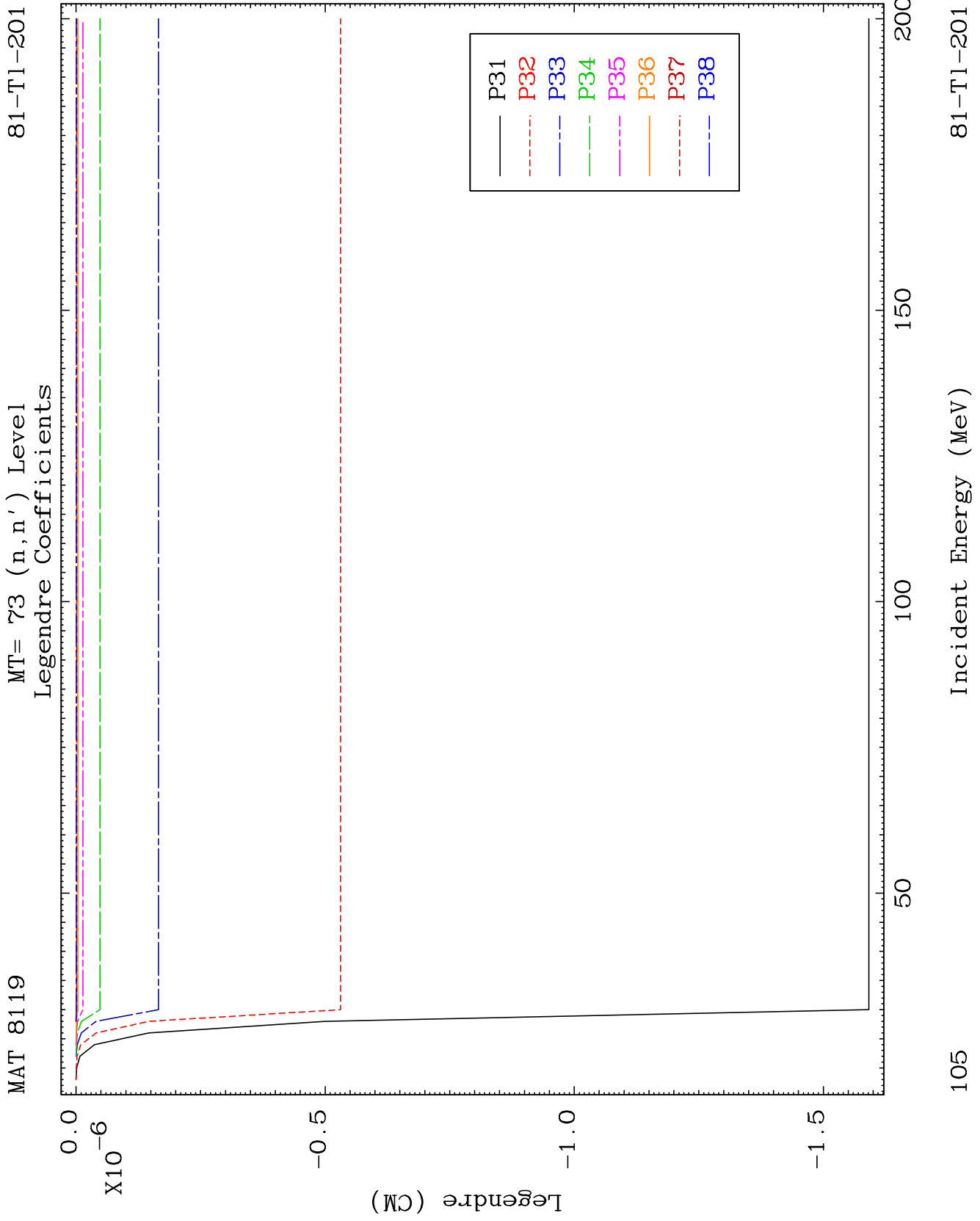
81-T1-201



104

Incident Energy (MeV)

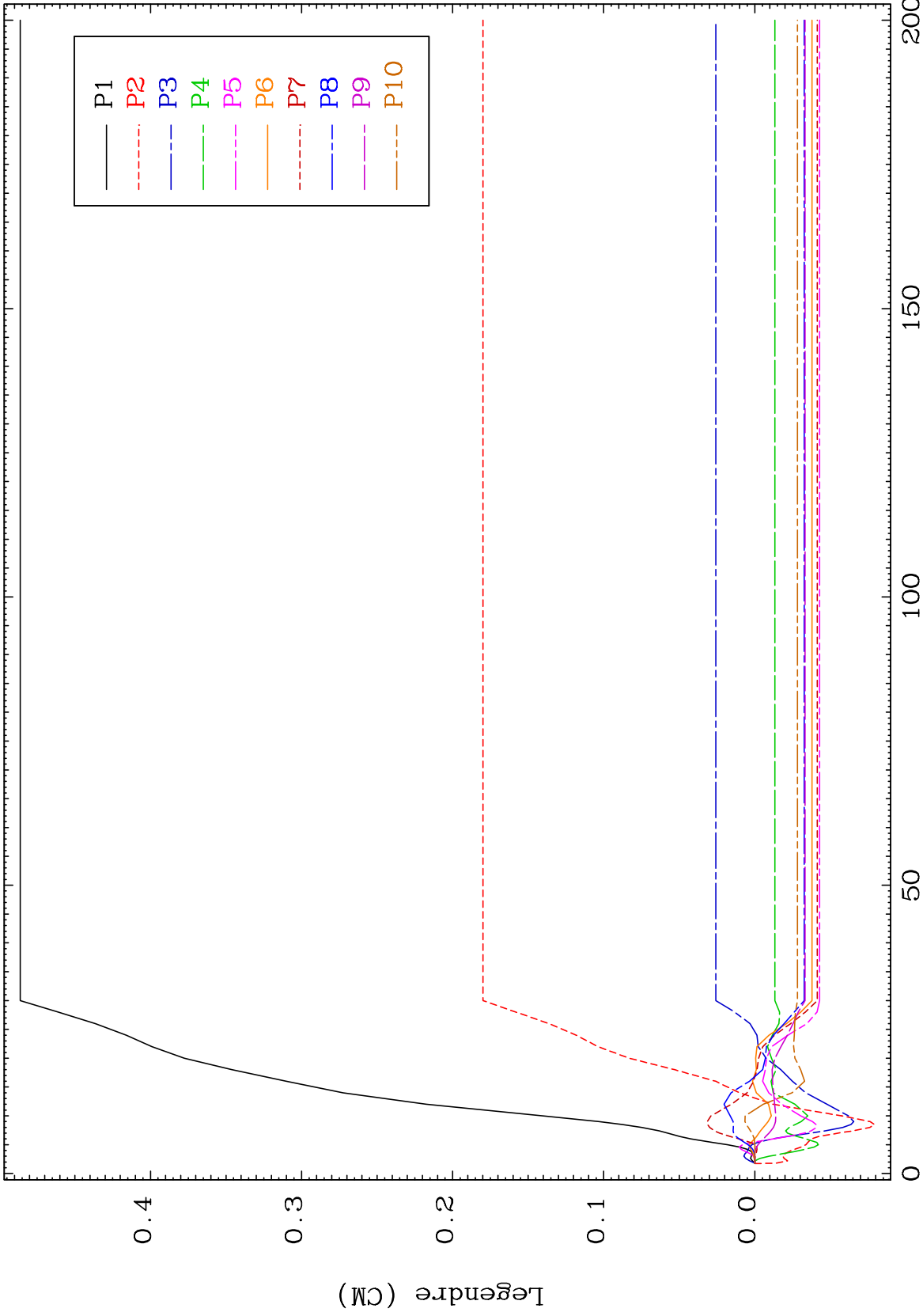
81-T1-201



MAT 8119

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

81-T1-201



106

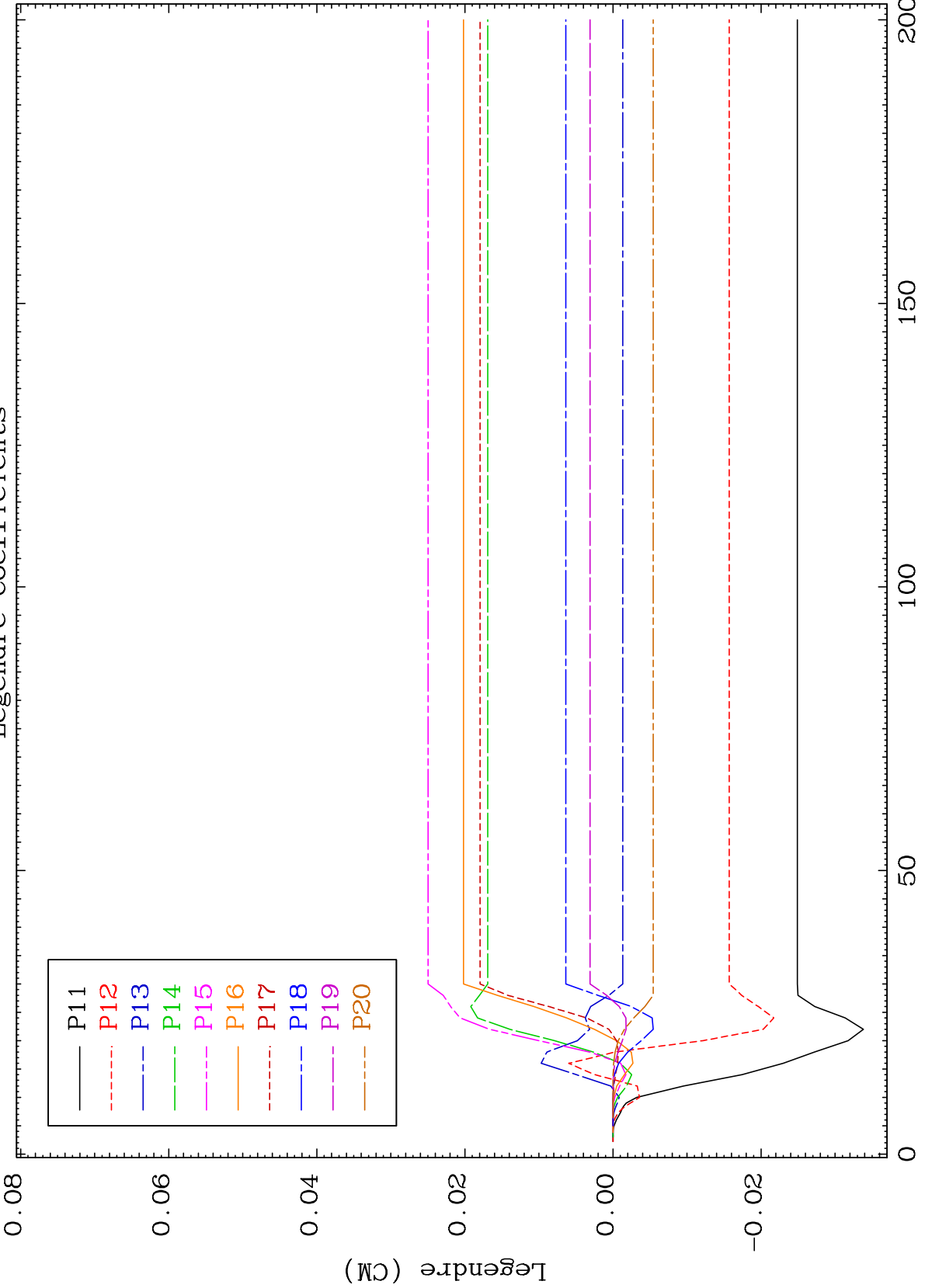
Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 74 (n,n') Level Legendre Coefficients

81-Tl-201

81-Tl-201

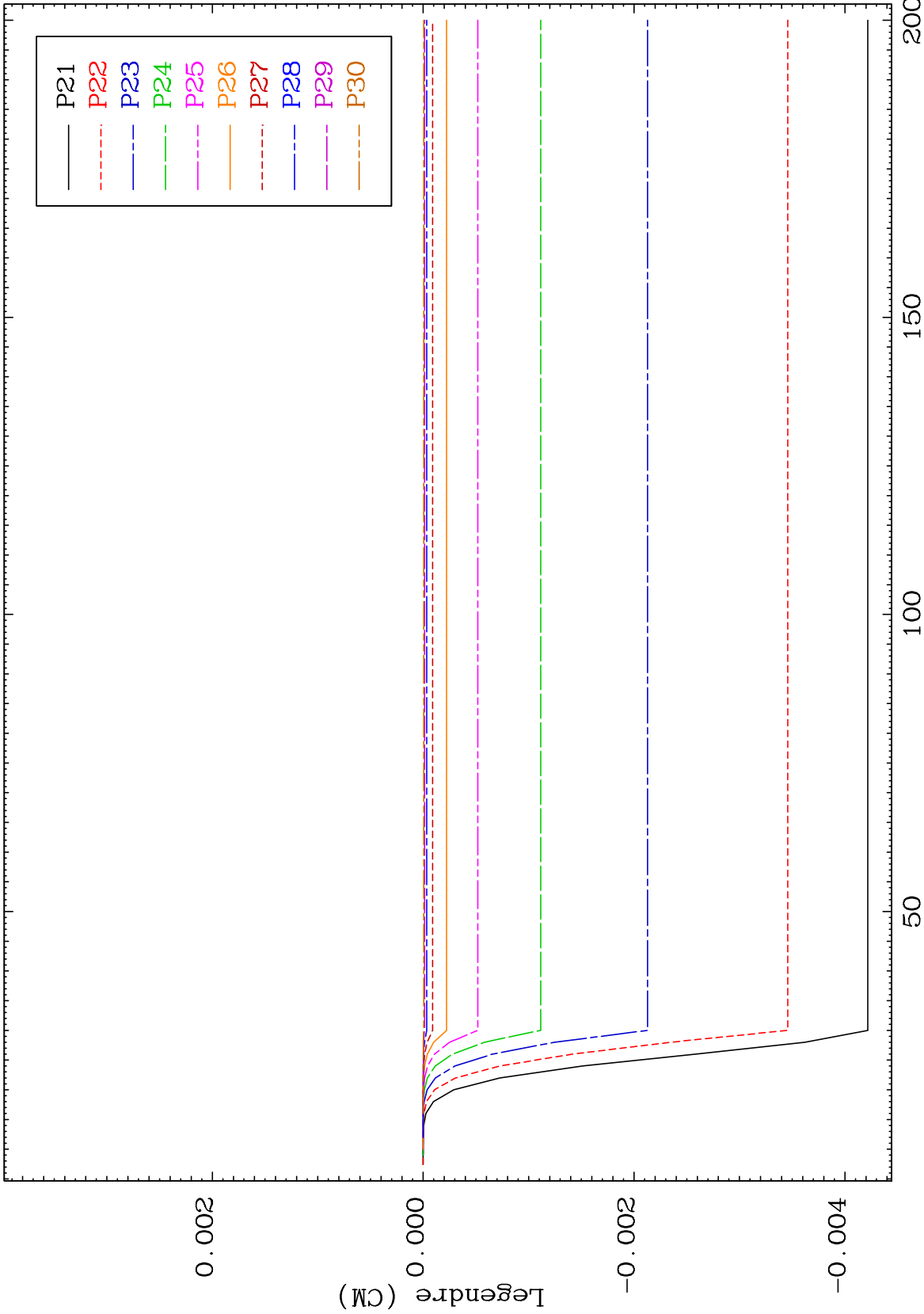


107

MAT 8119

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

81-T1-201

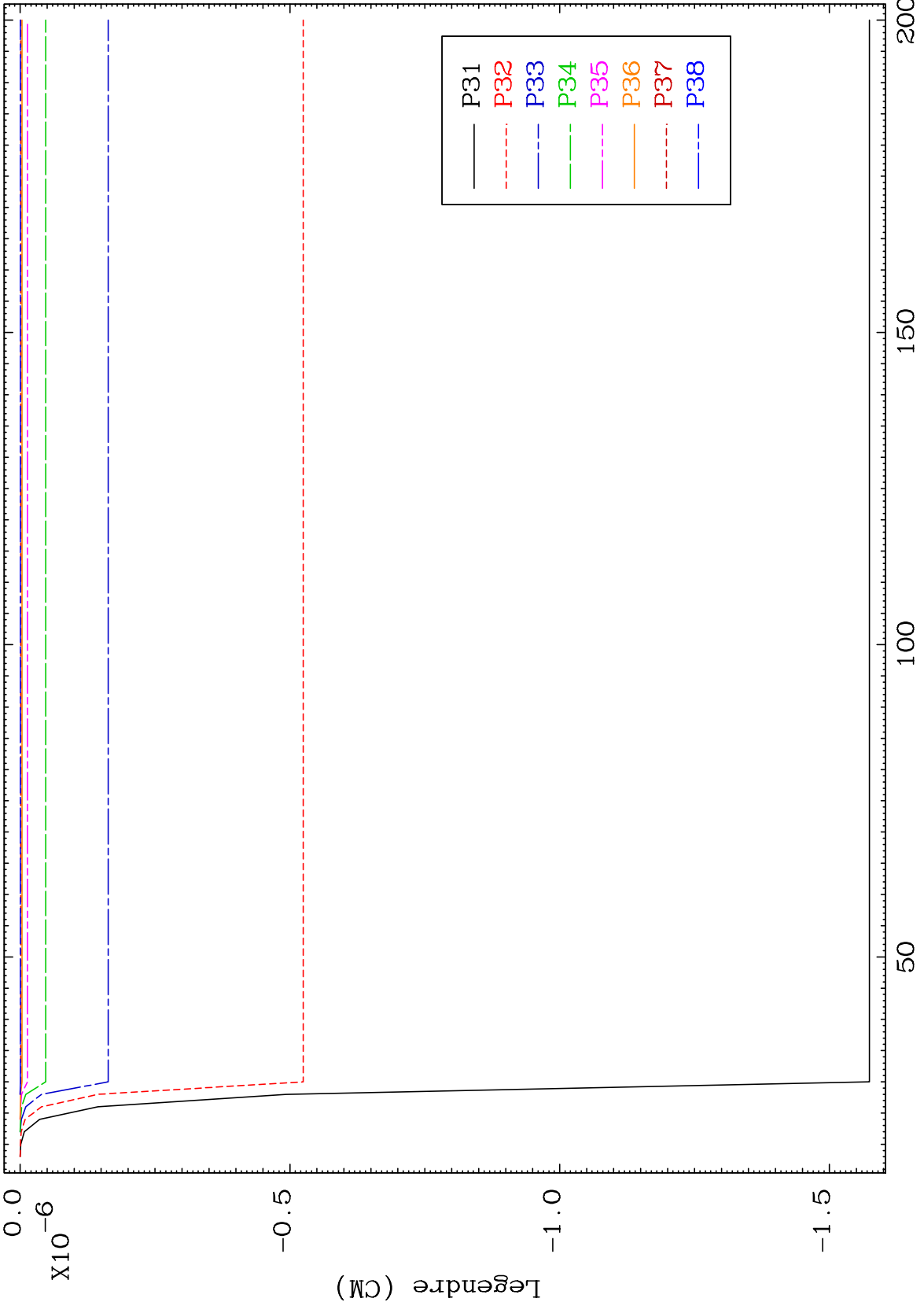


108

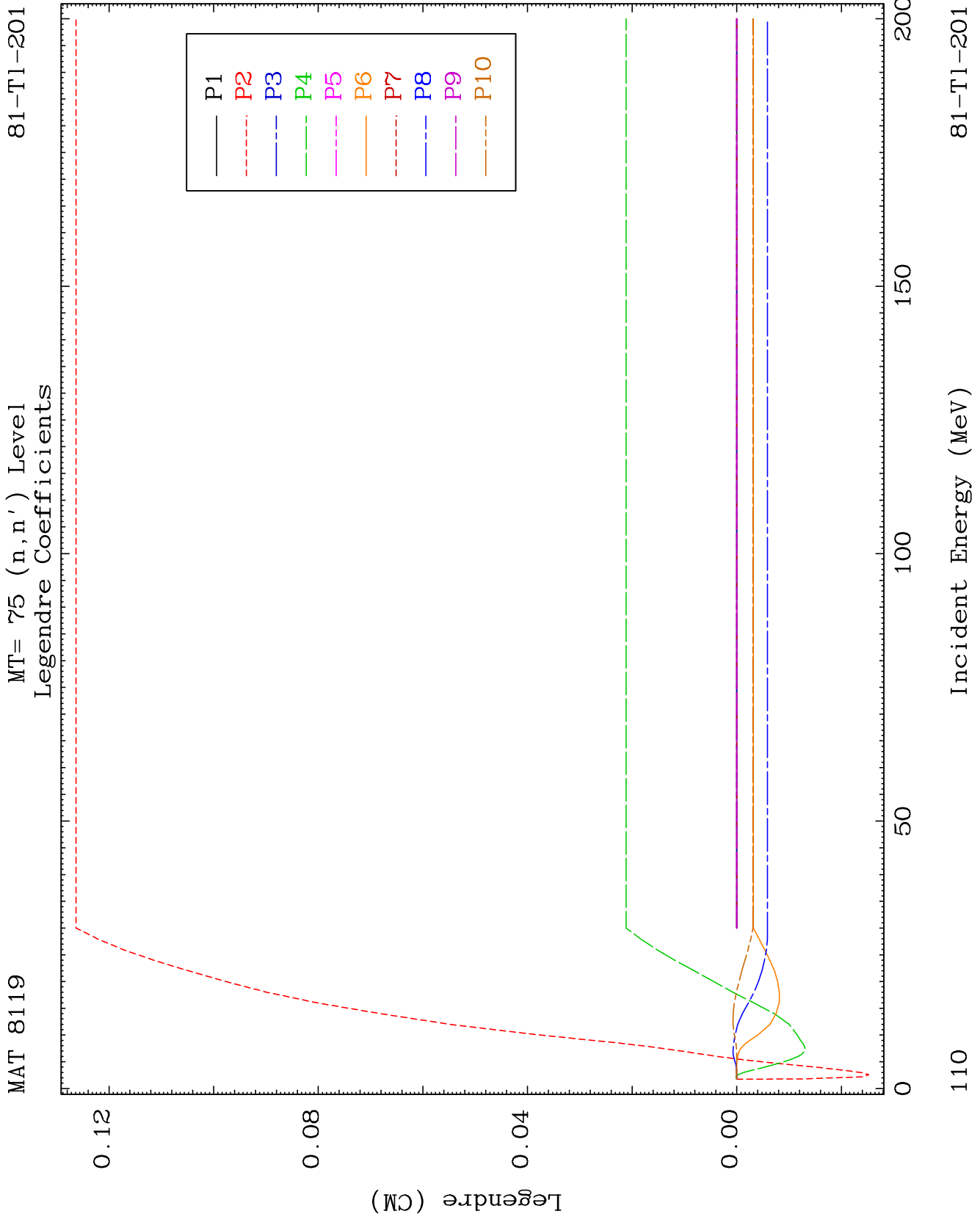
Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 74 (n,n') Level Legendre Coefficients 81-T1-201



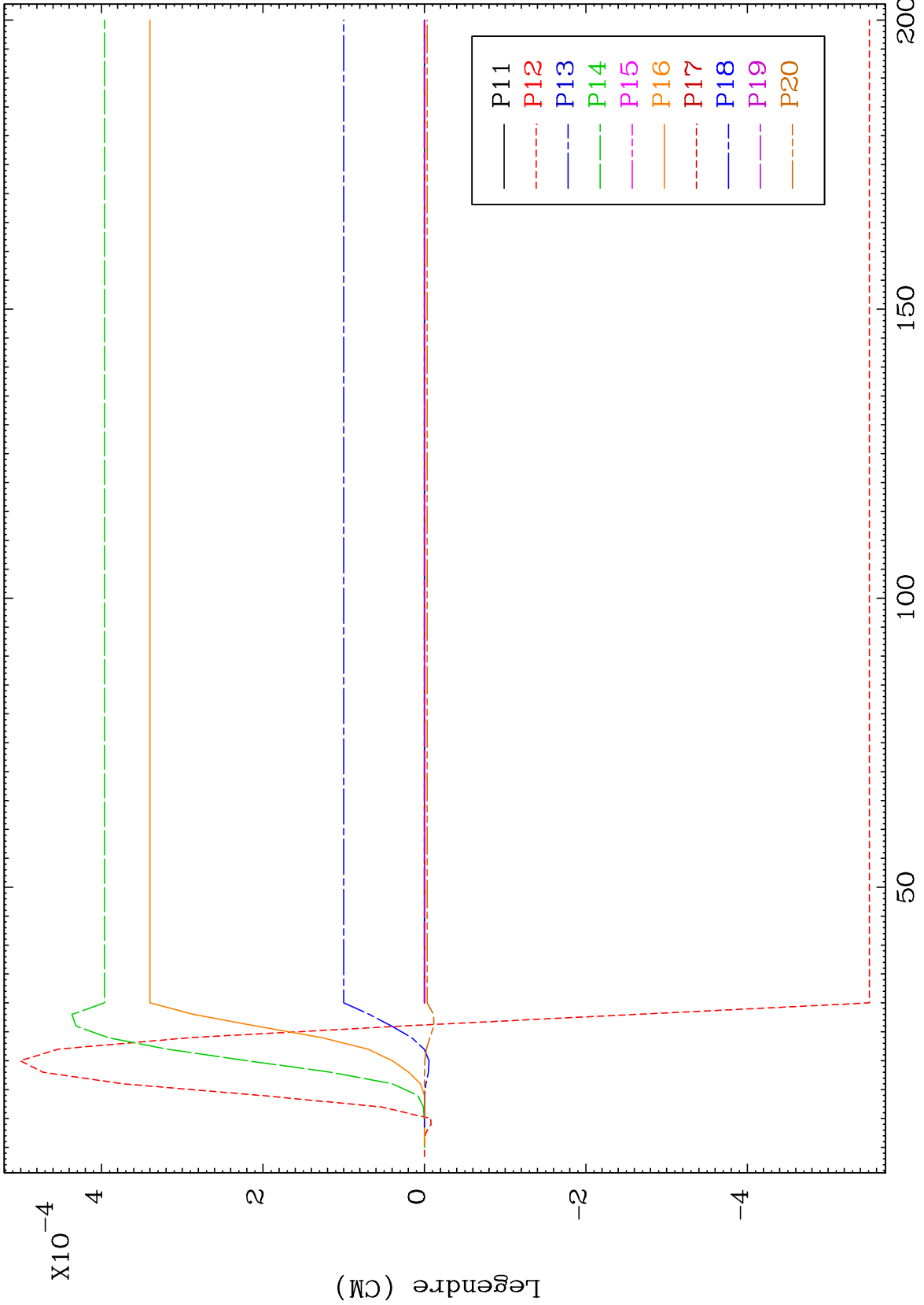
109 Incident Energy (MeV) 81-T1-201



MAT 8119

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

81-T1-201

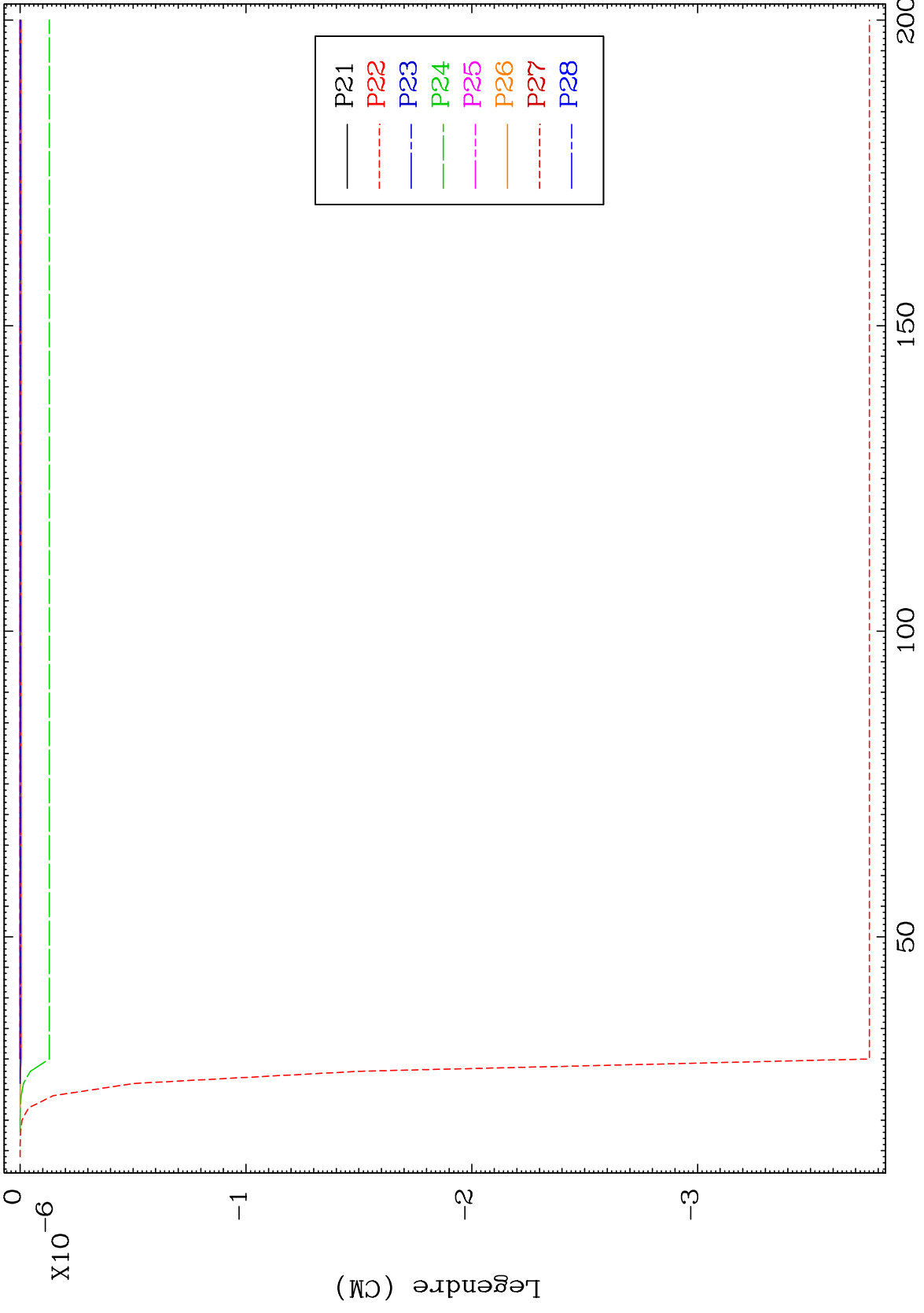


111

Incident Energy (MeV)

81-T1-201

MAT 8119 MT= 75 (n,n') Level Legendre Coefficients 81-T1-201

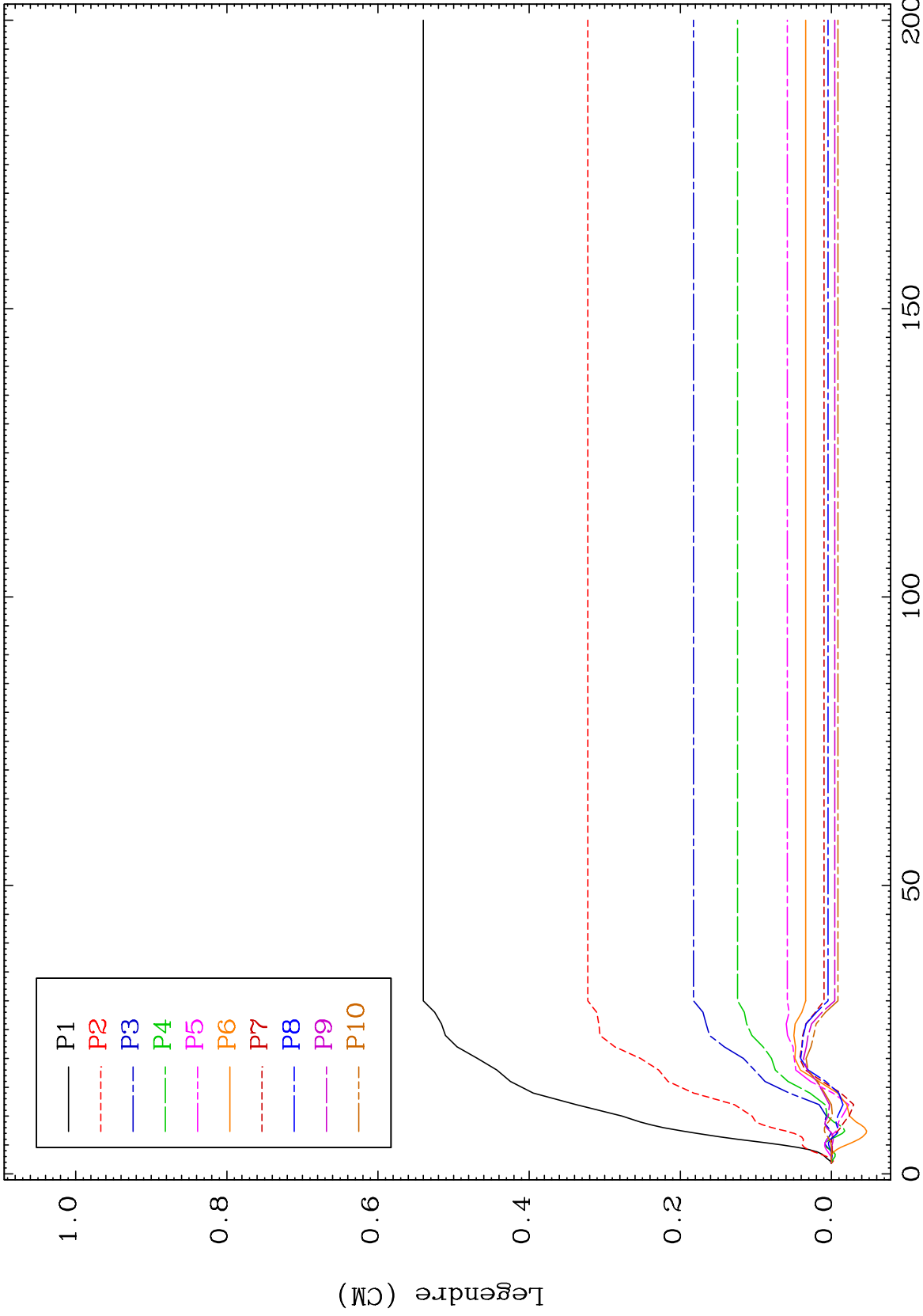


112 81-T1-201

MAT 81119

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

81-T1-201



113

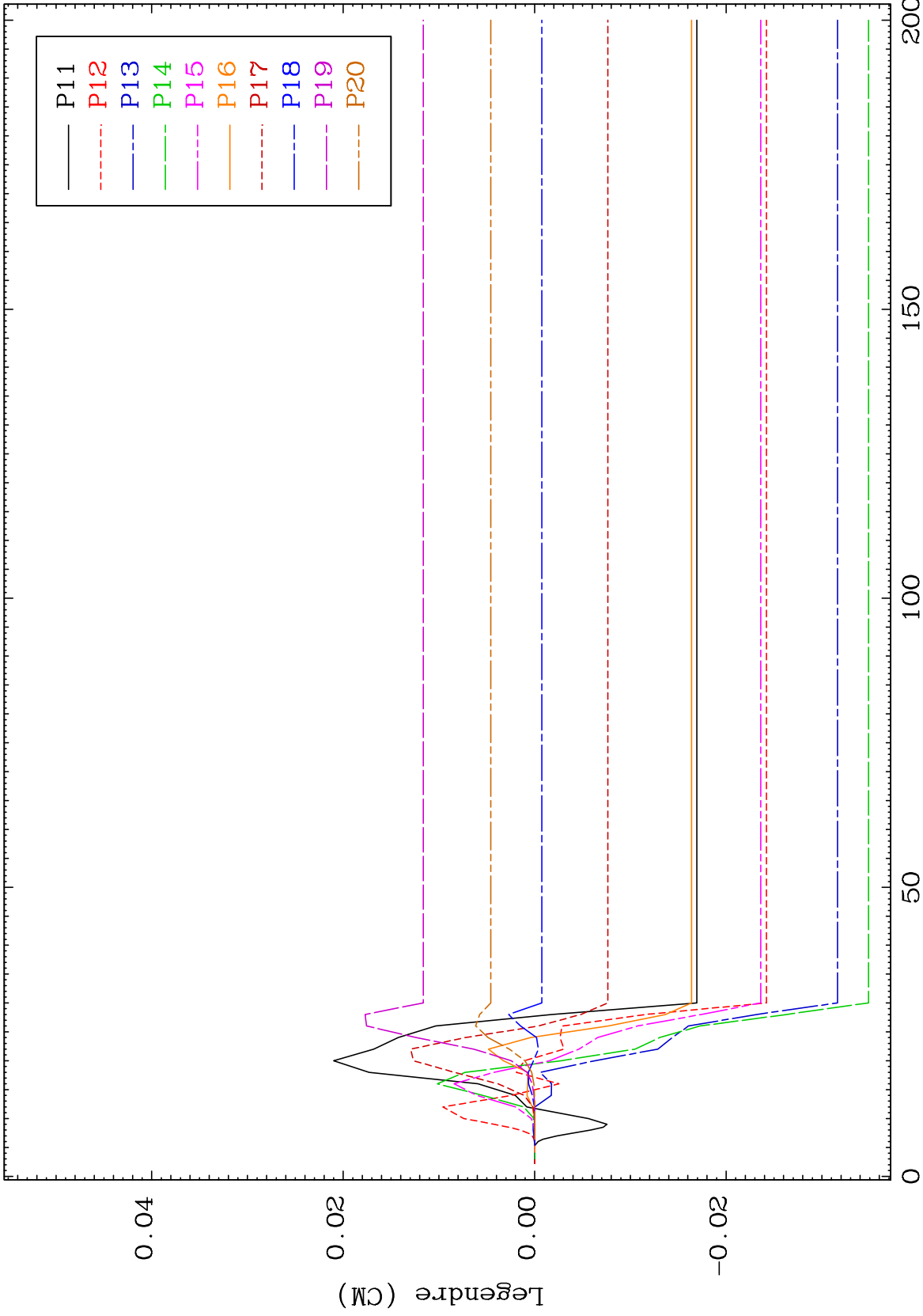
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



114

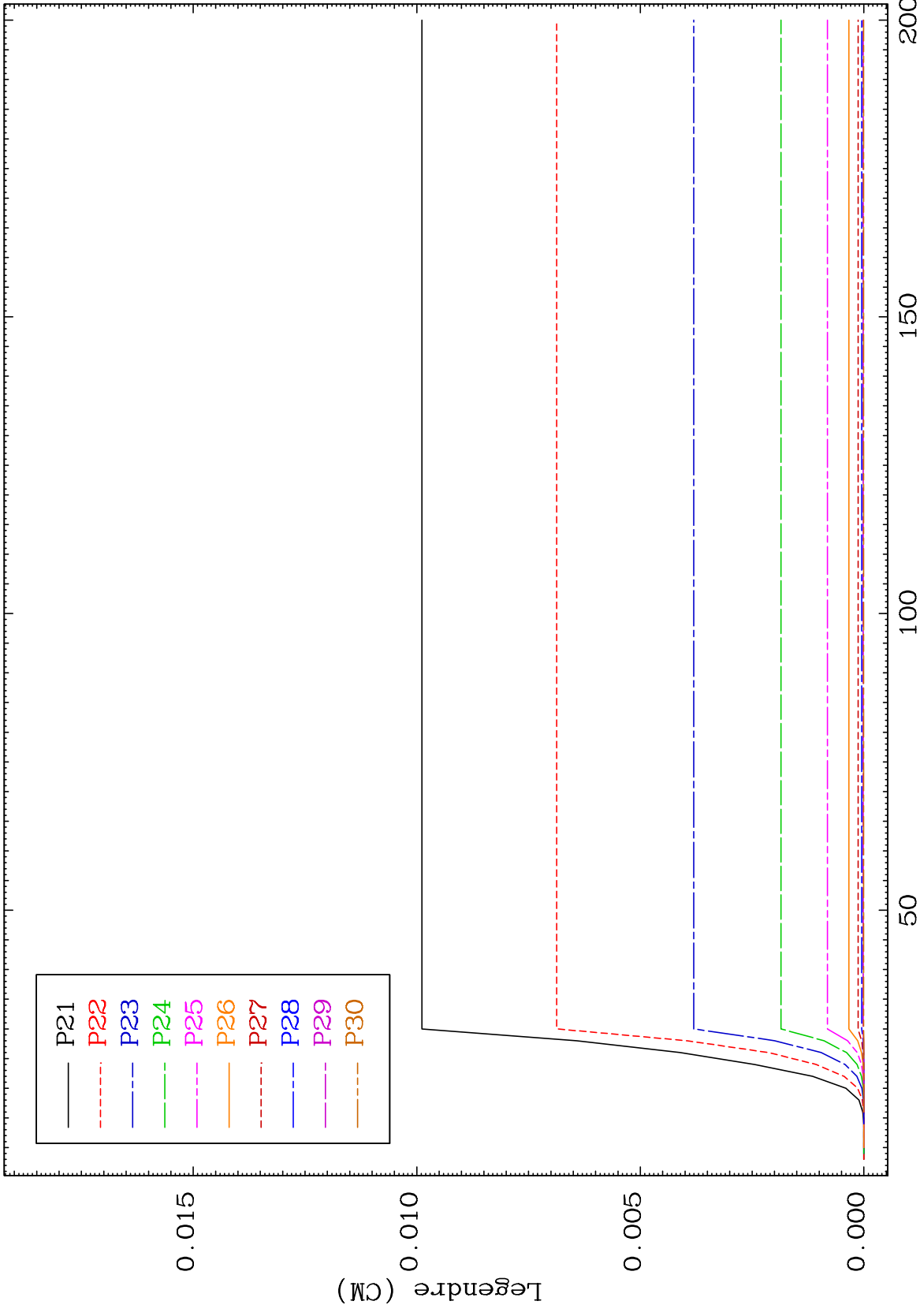
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



115

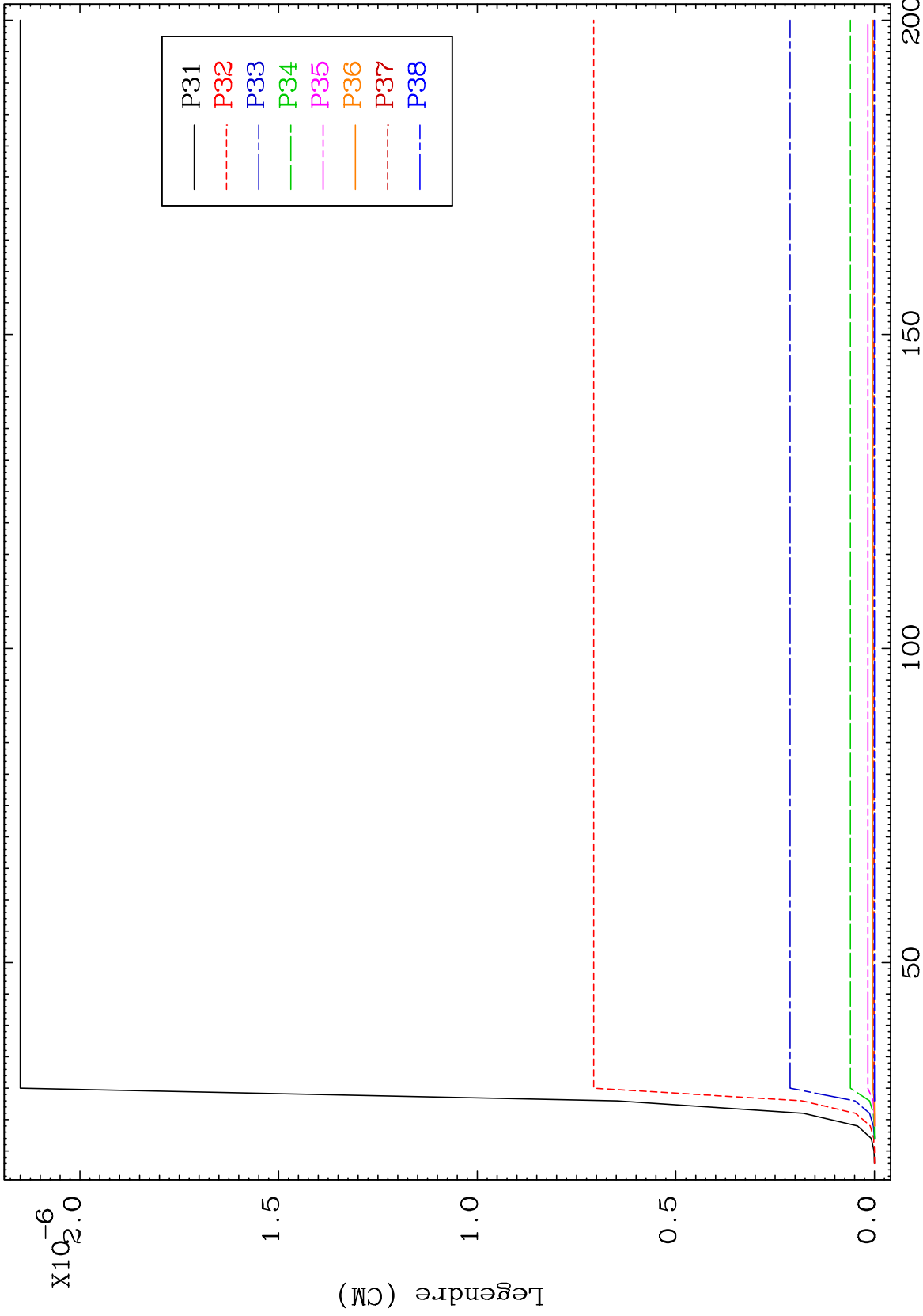
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



116

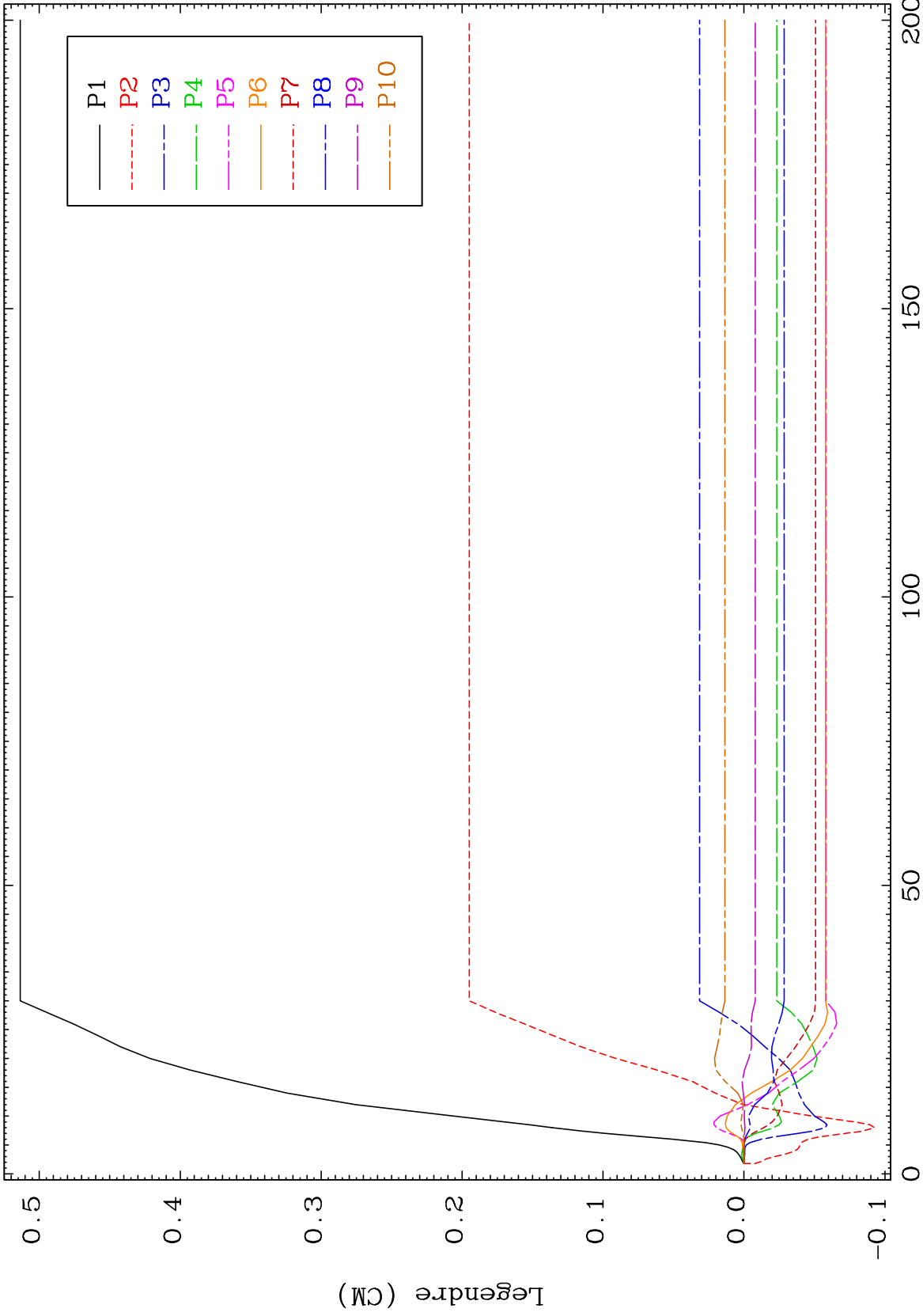
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



117

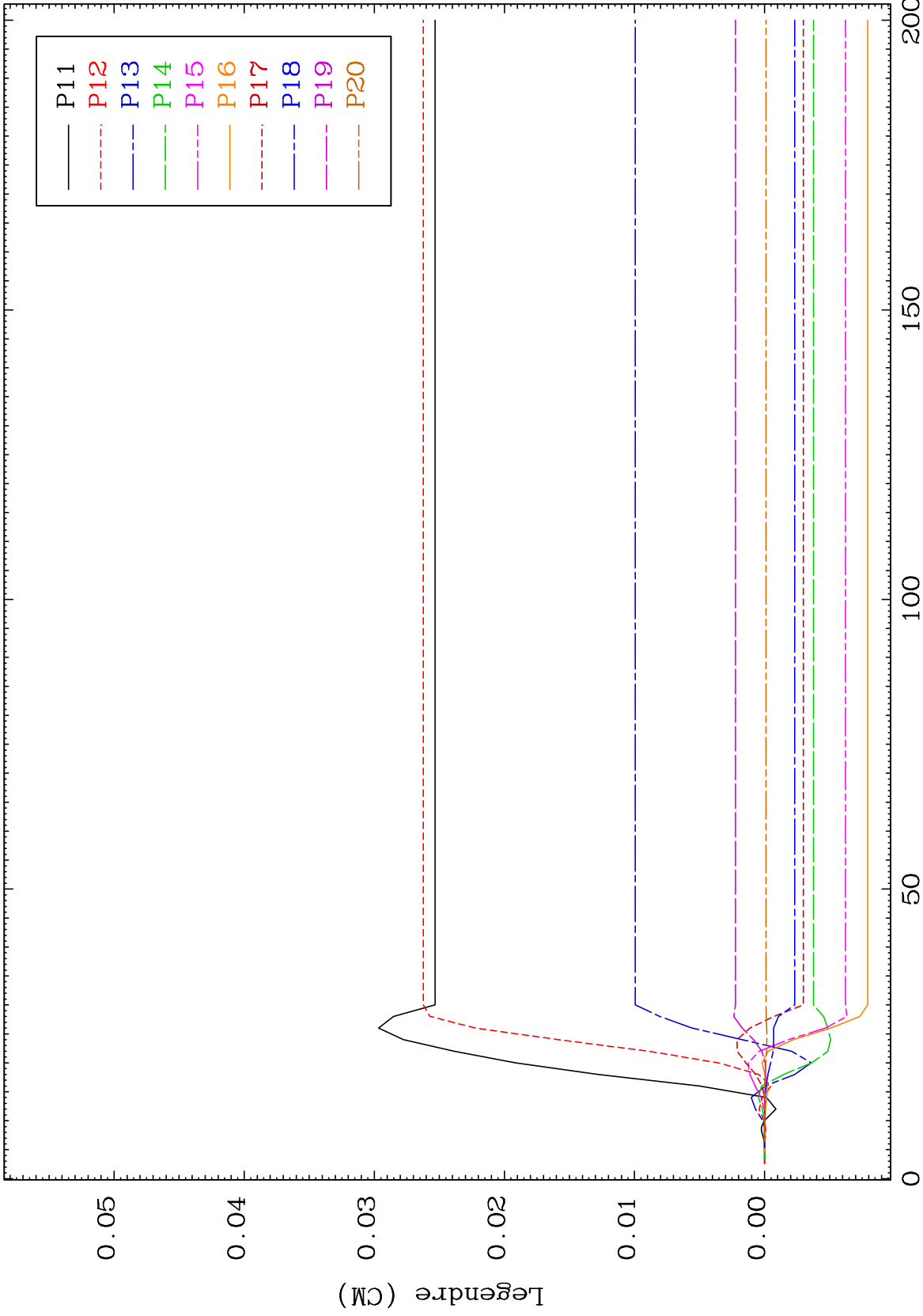
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



118

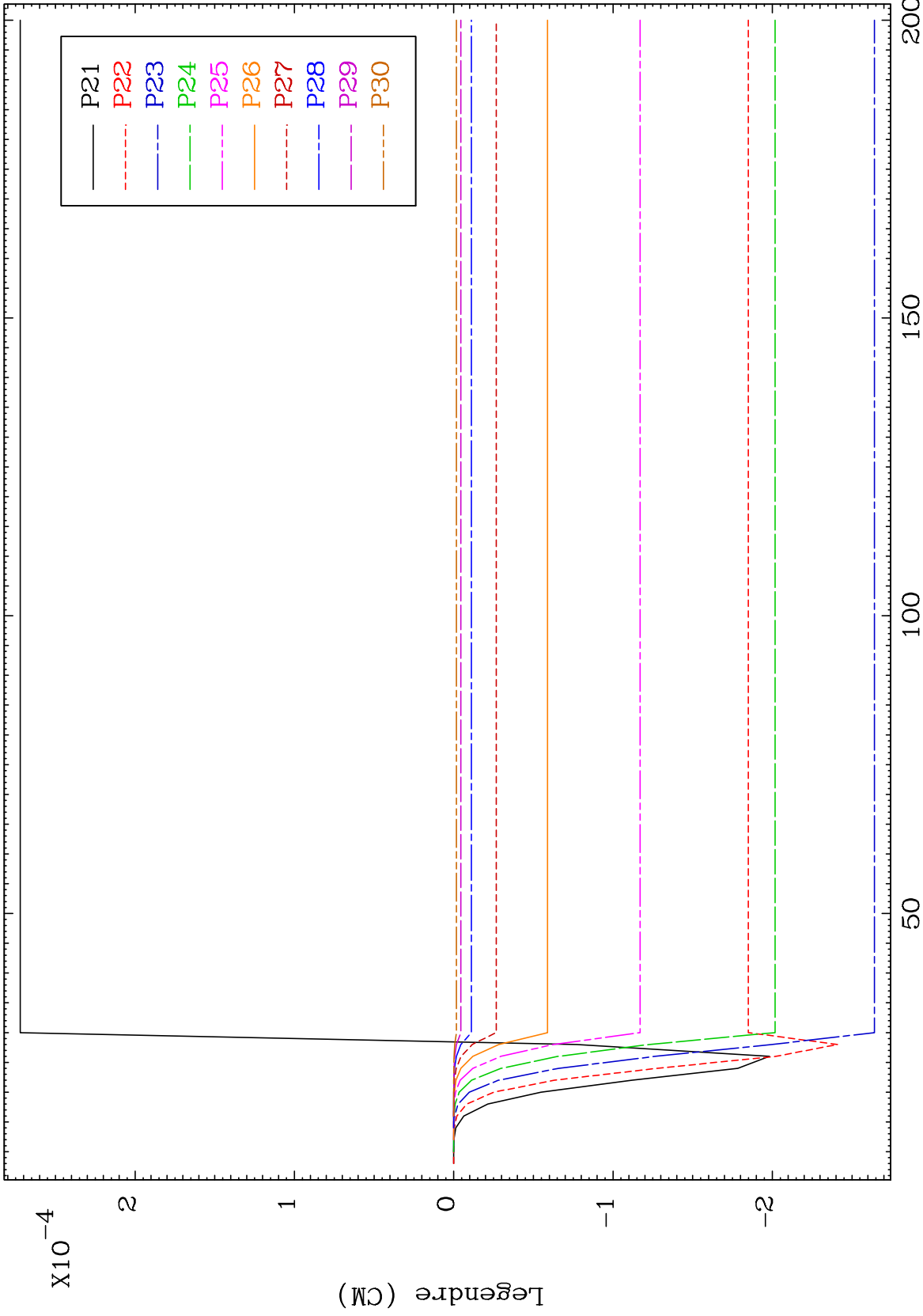
Incident Energy (MeV)

81-T1-201

MAT 8119

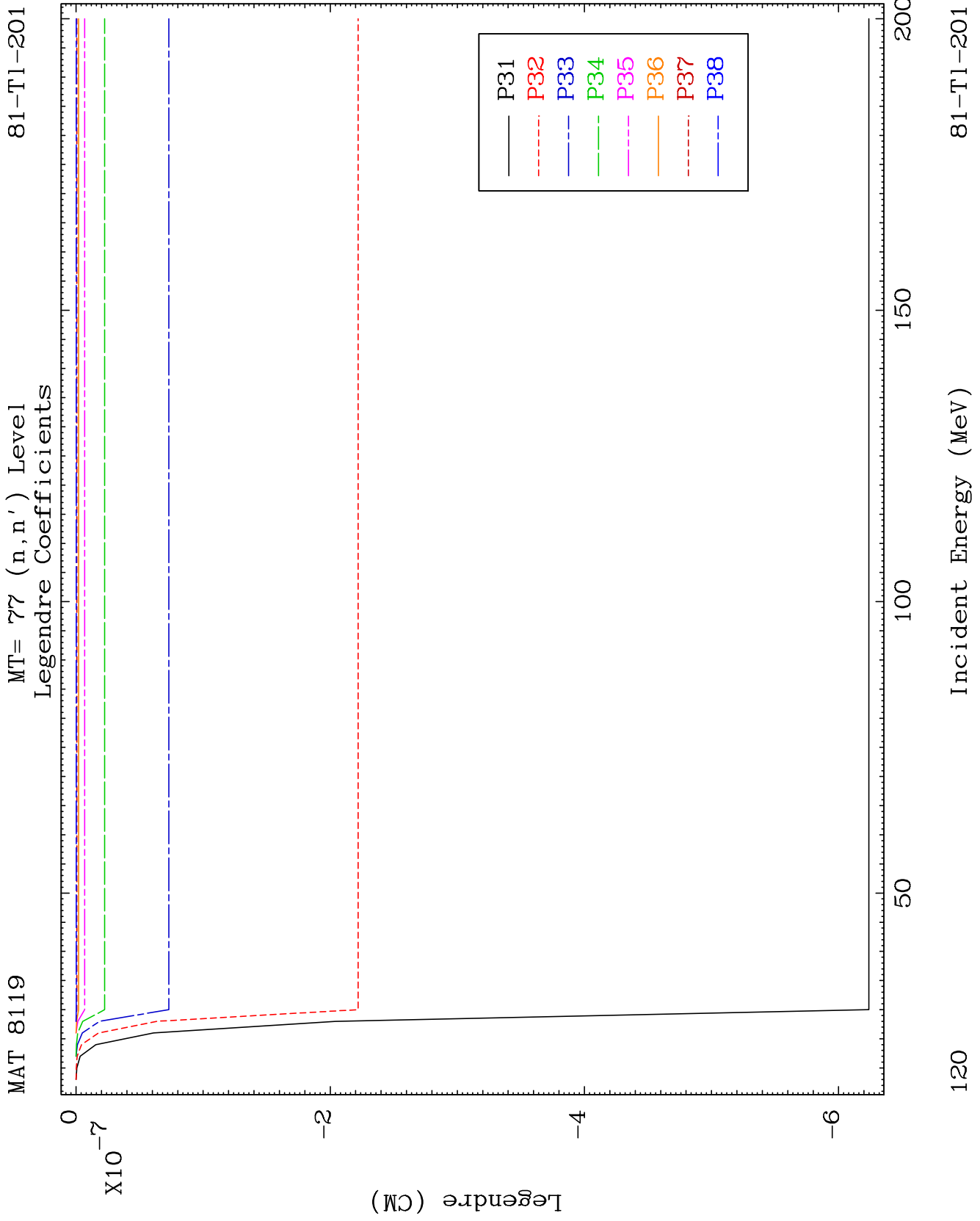
MT= 77 (n,n') Level
Legendre Coefficients

81-T1-201



119

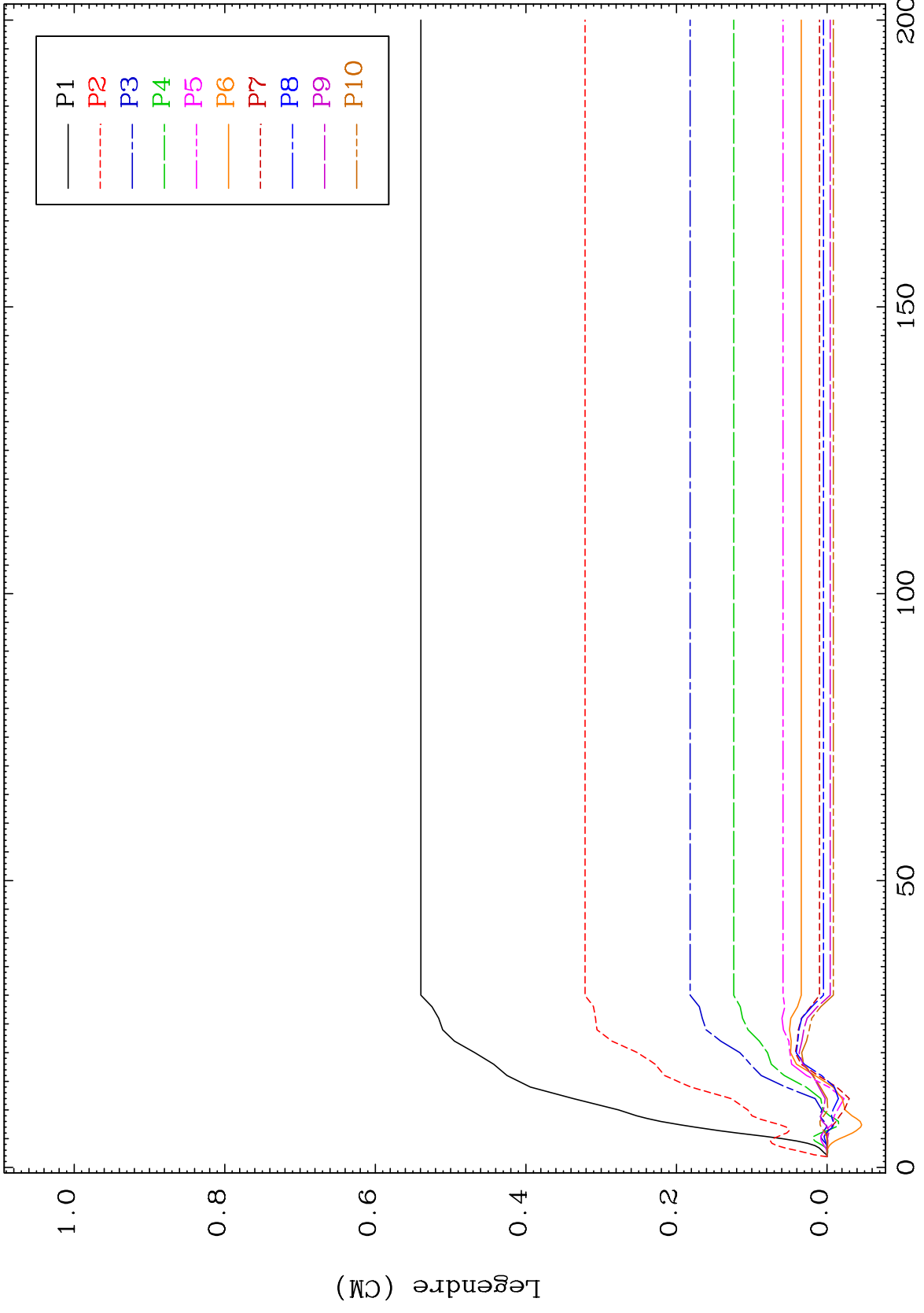
81-T1-201



MAT 81119

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

81-T1-201



121

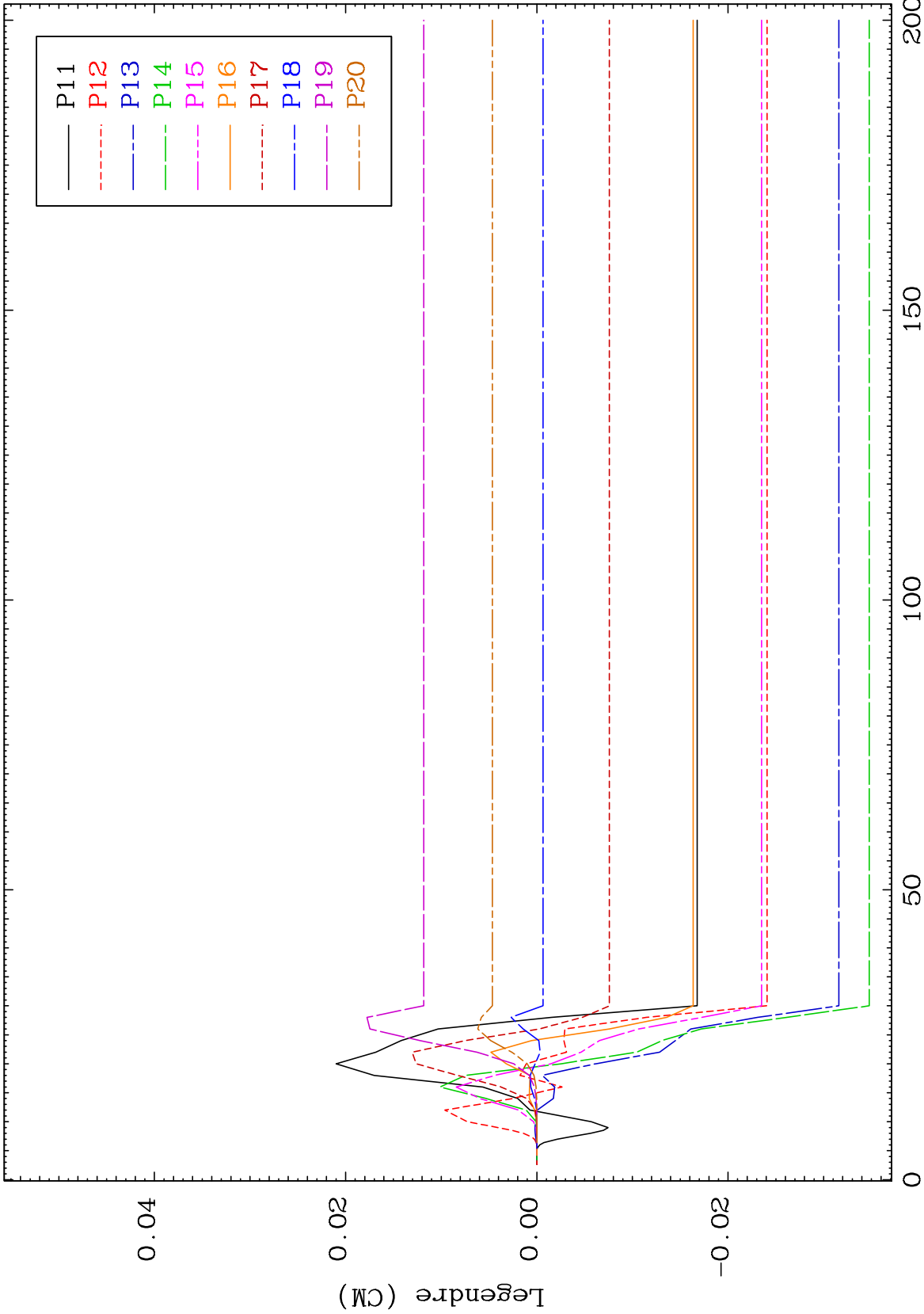
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



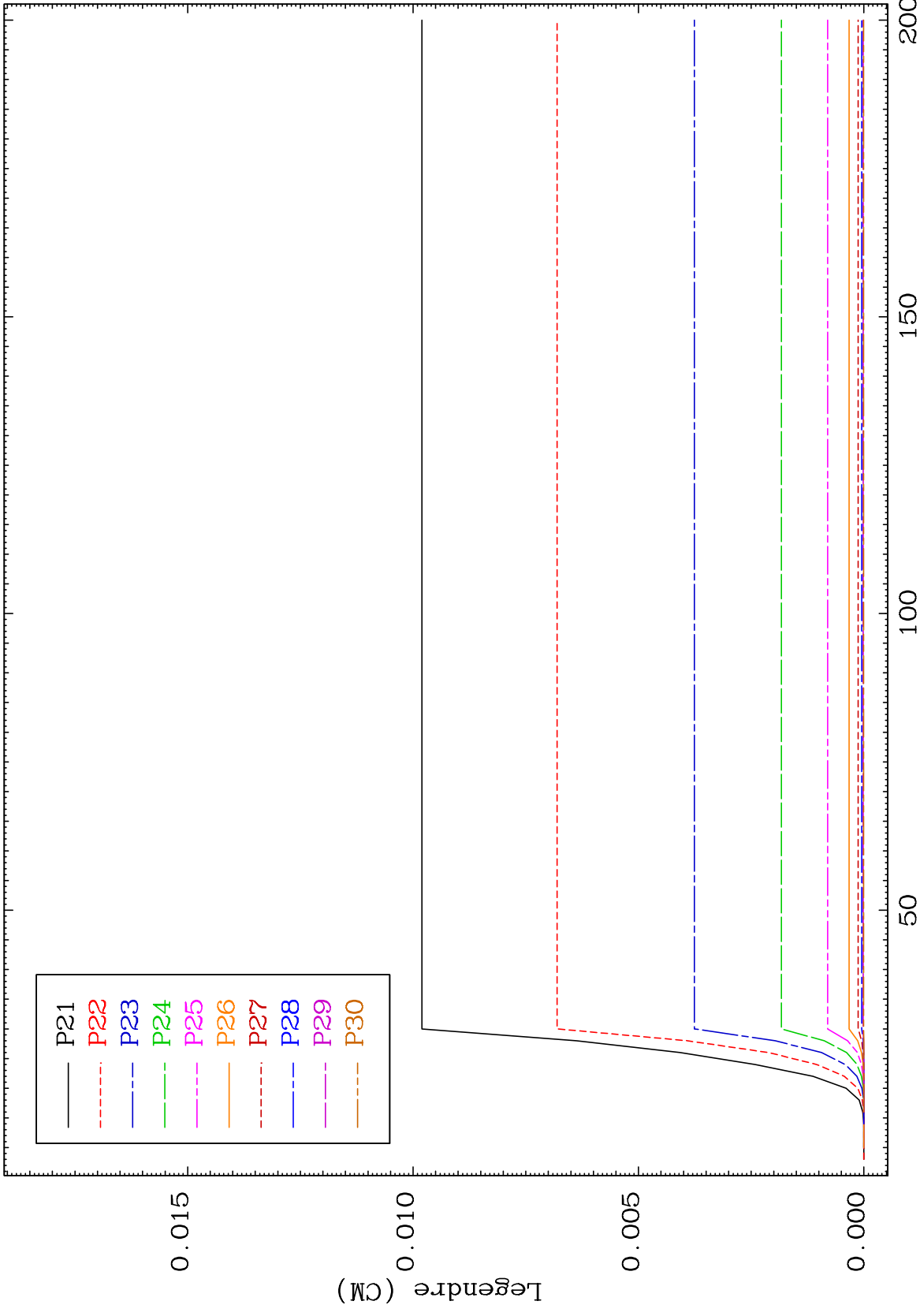
122

81-T1-201

MAT 8119

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

81-T1-201



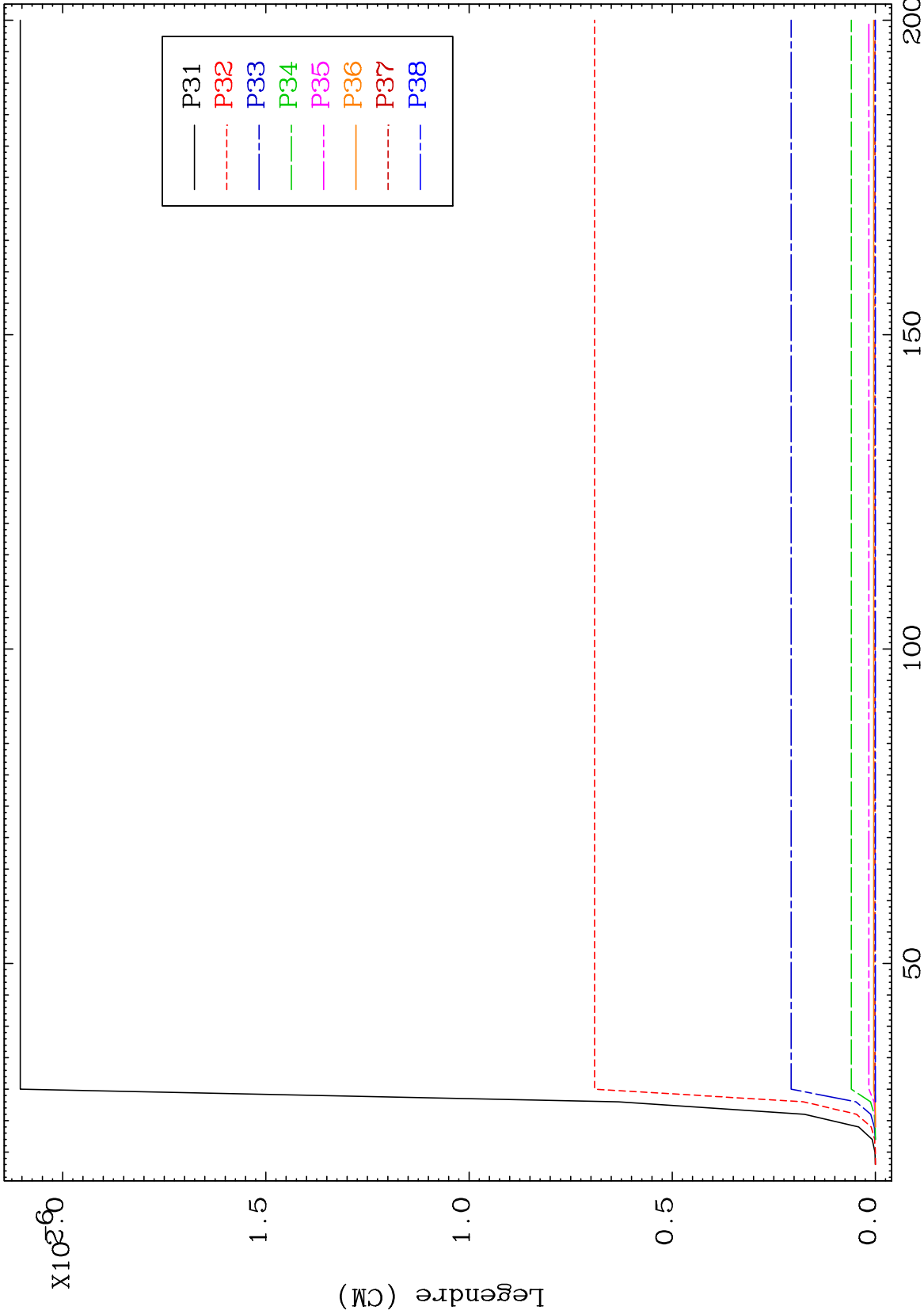
123

81-T1-201

MAT 8119

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

81-T1-201



124

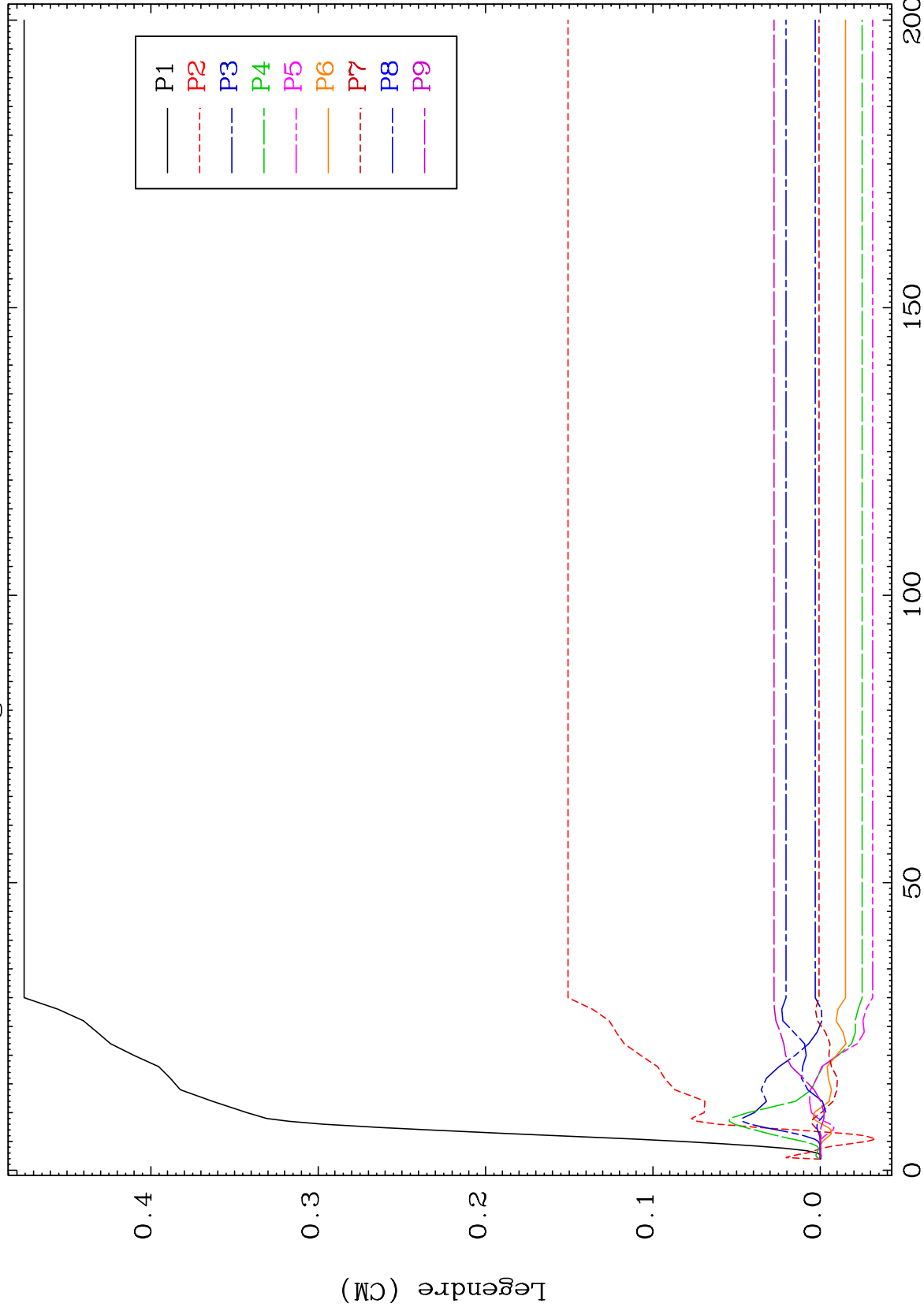
Incident Energy (MeV)

81-T1-201

MAT 8119

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

81-T1-201



81-T1-201

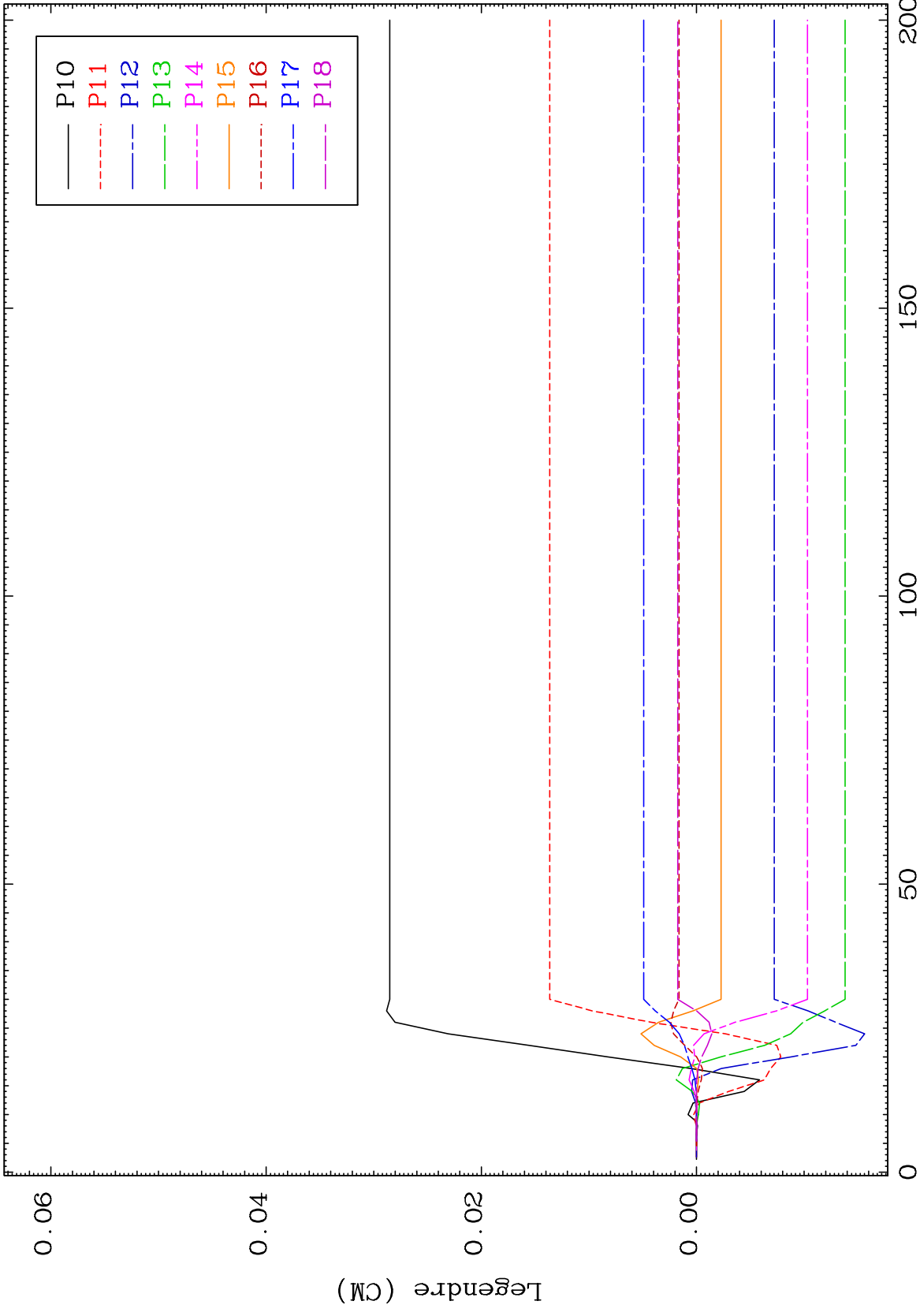
Incident Energy (MeV)

125

MAT 81119

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

81-T1-201



126

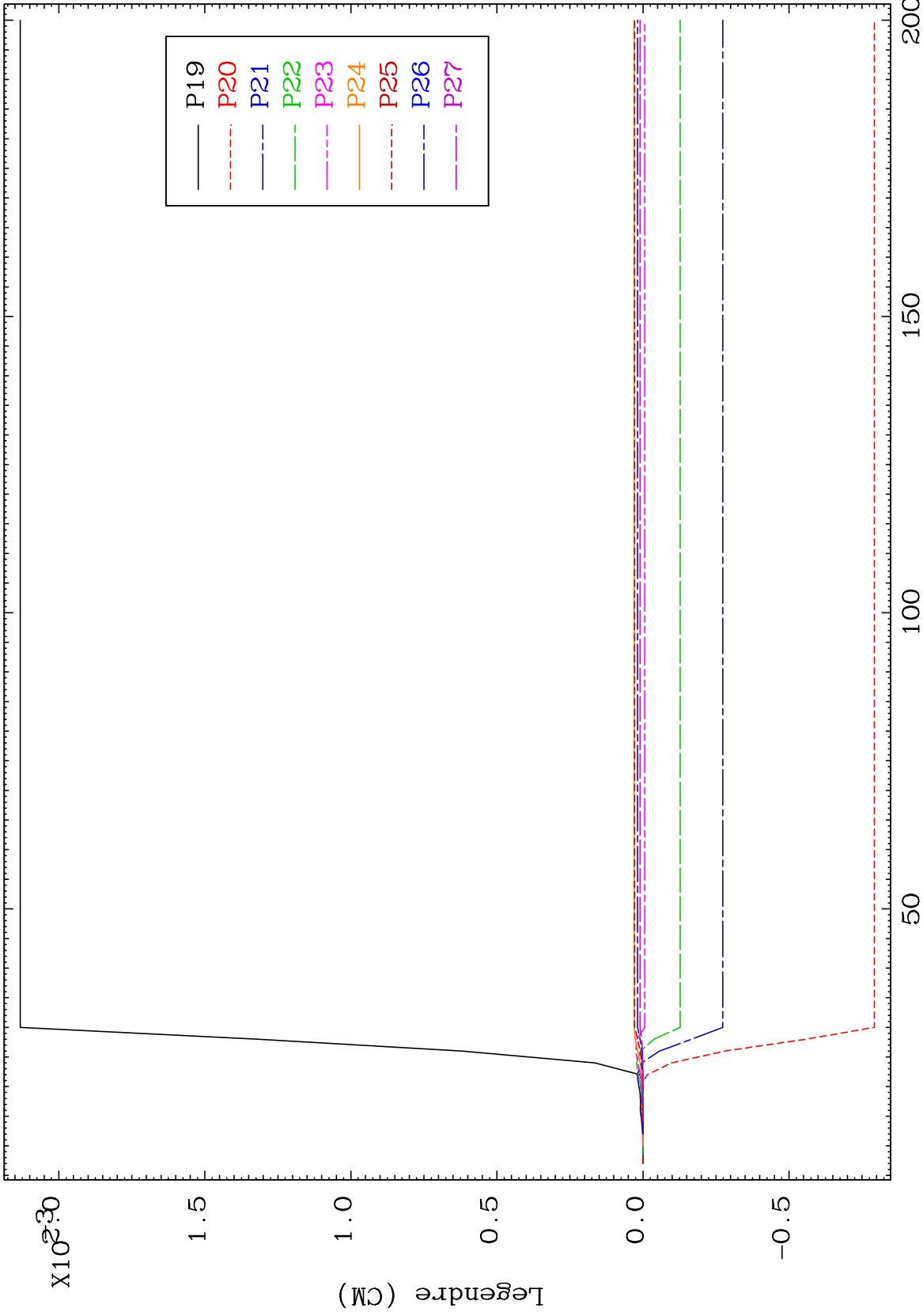
Incident Energy (MeV)

81-T1-201

MAT 81119

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

81-T1-201



127

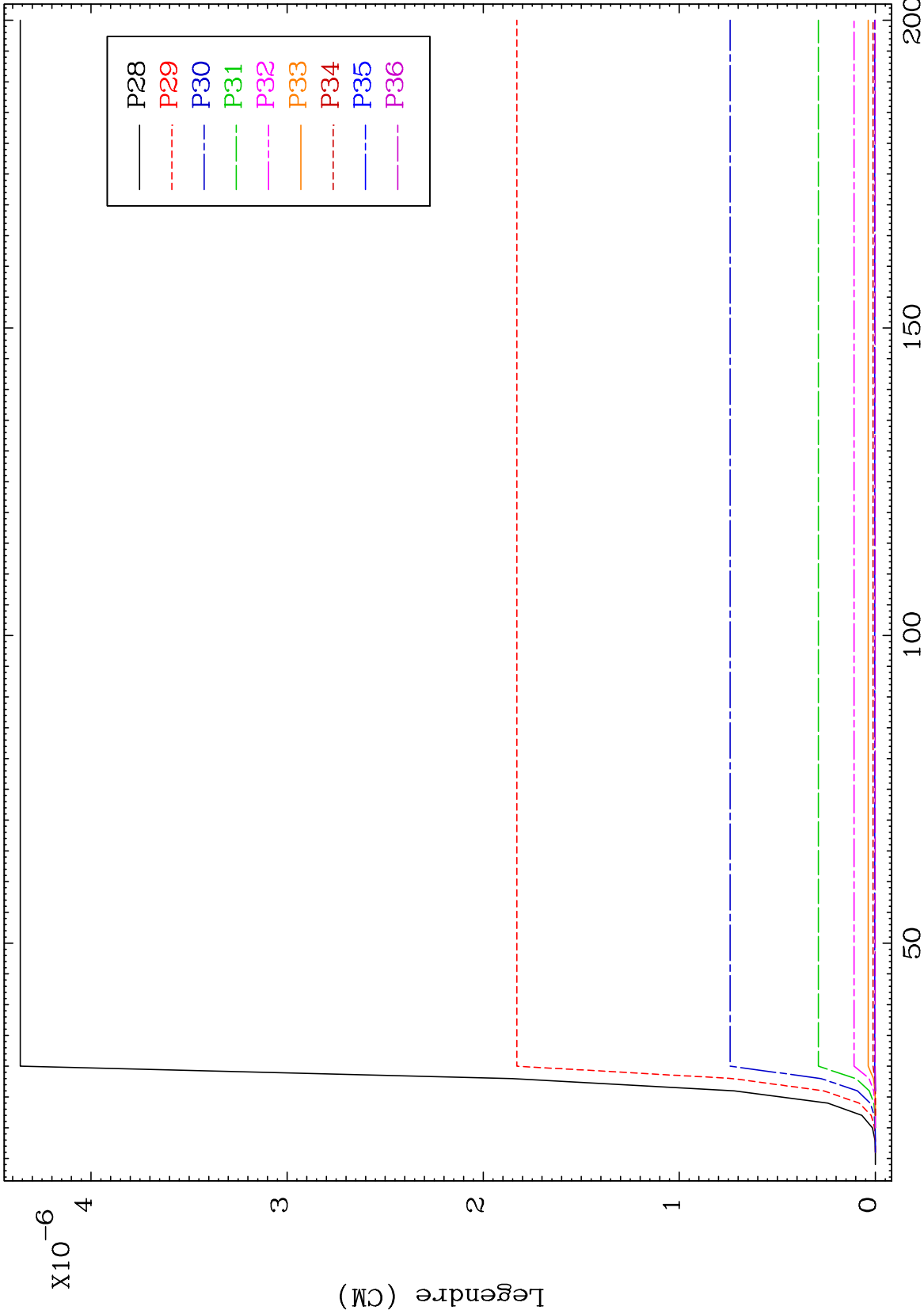
Incident Energy (MeV)

81-T1-201

MAT 8119

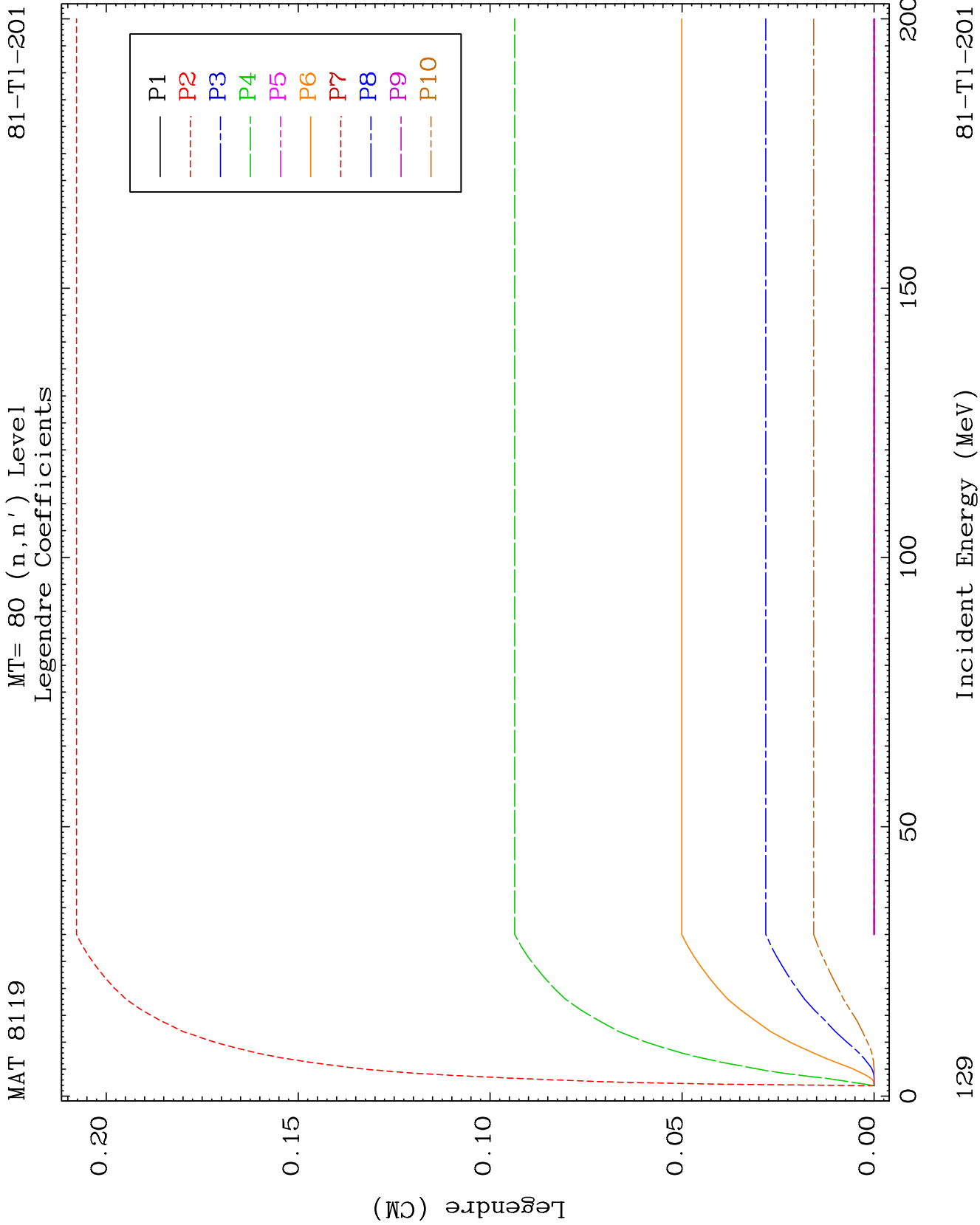
MT= 79 (n,n') Level
Legendre Coefficients

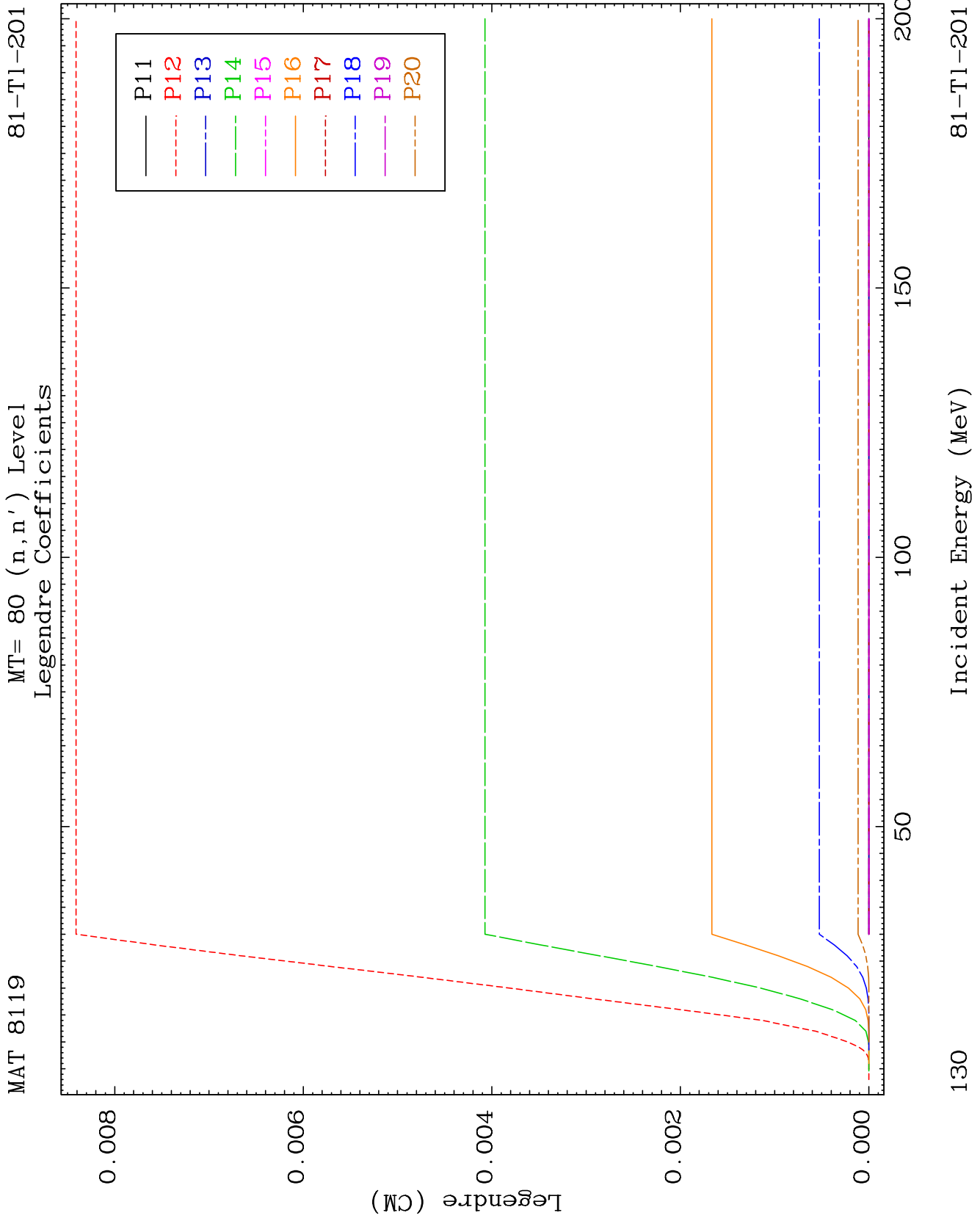
81-T1-201



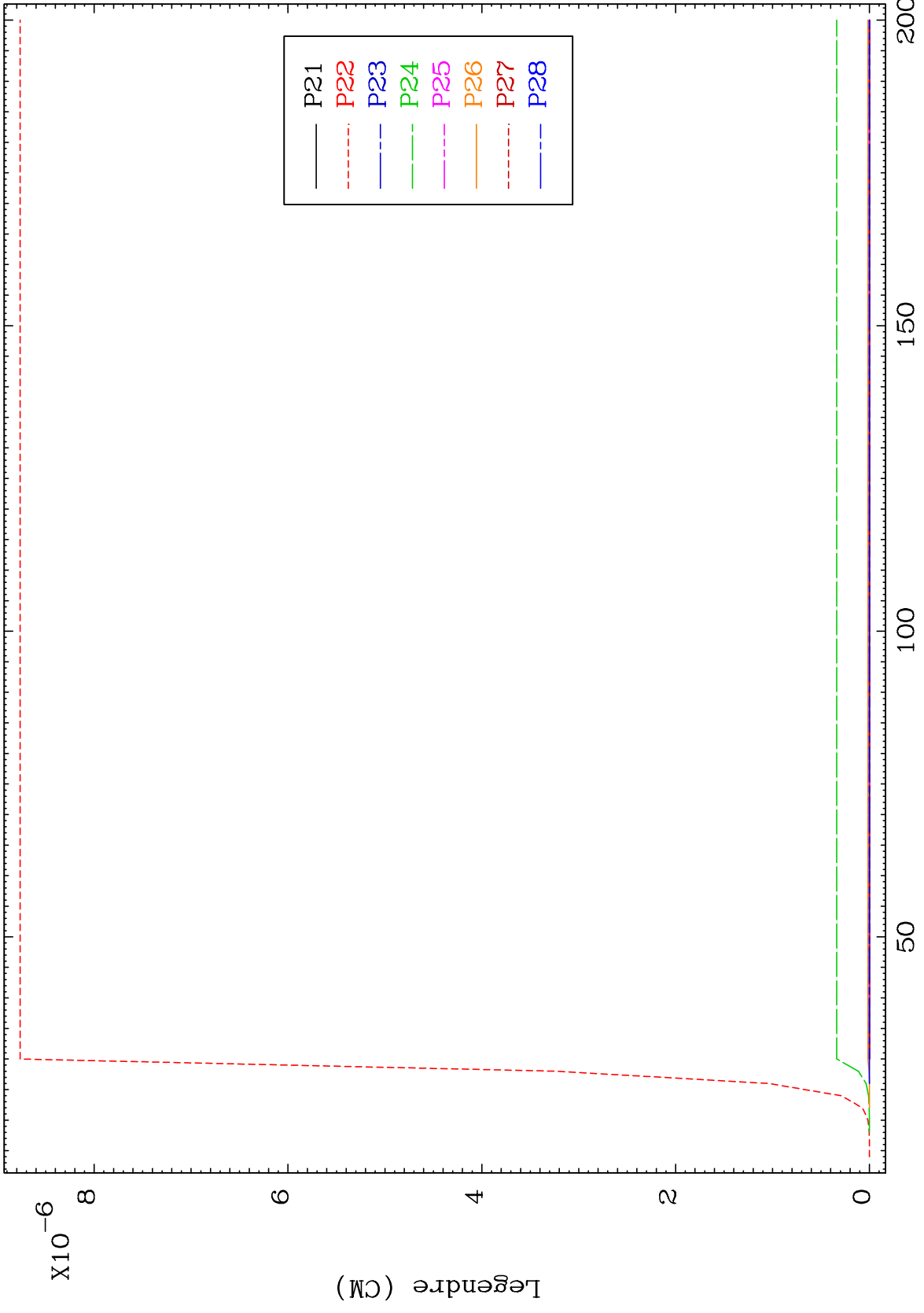
128

81-T1-201





MAT 8119 MT= 80 (n, n') Level Legendre Coefficients 81-T1-201

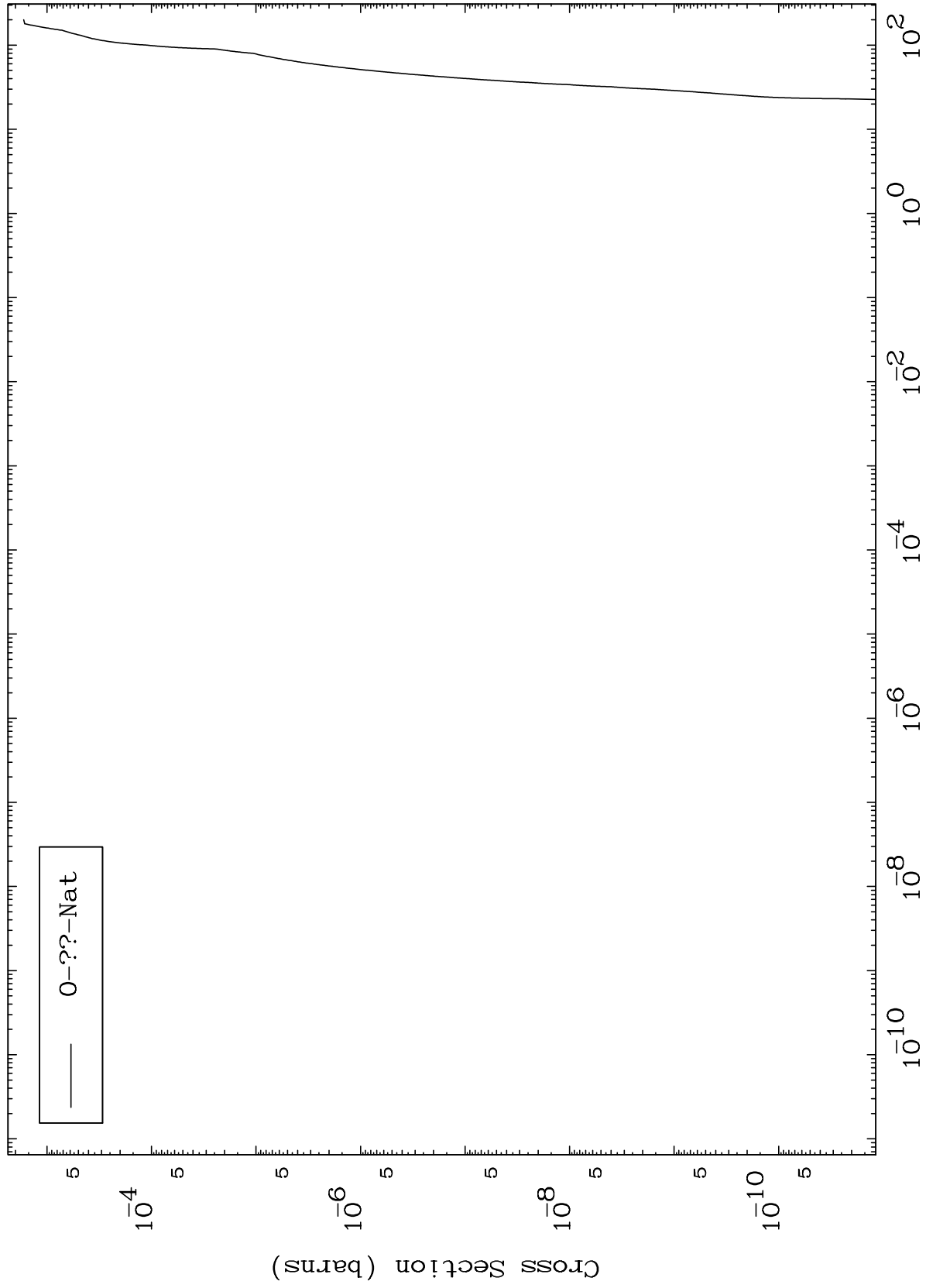


131 81-T1-201

MAT 8119

Fission
Radionuclide Production Cross Section

81-Tl-201



132

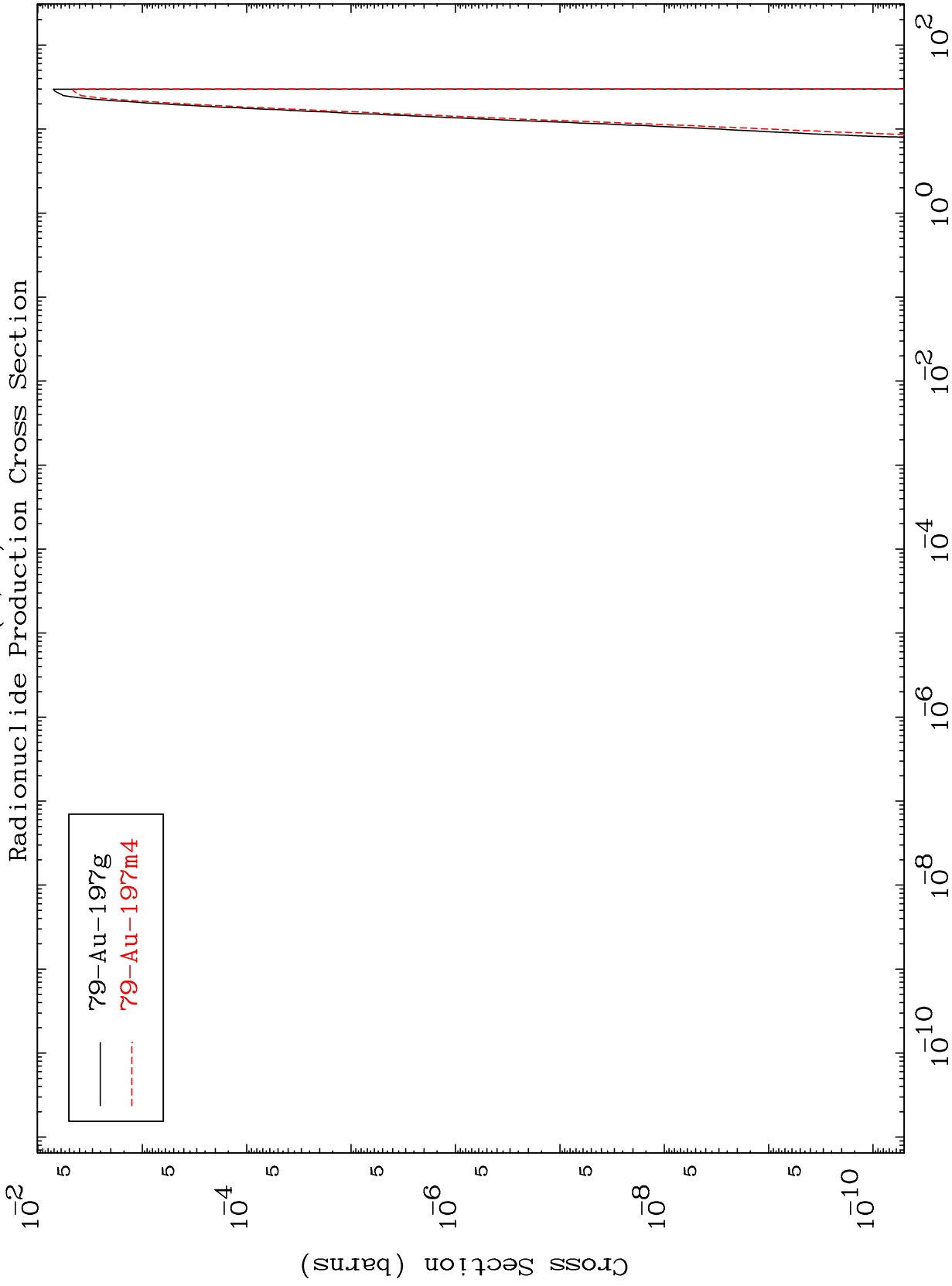
81-Tl-201

MAT 8119

(n,n') α

81-Tl-201

Radionuclide Production Cross Section



133

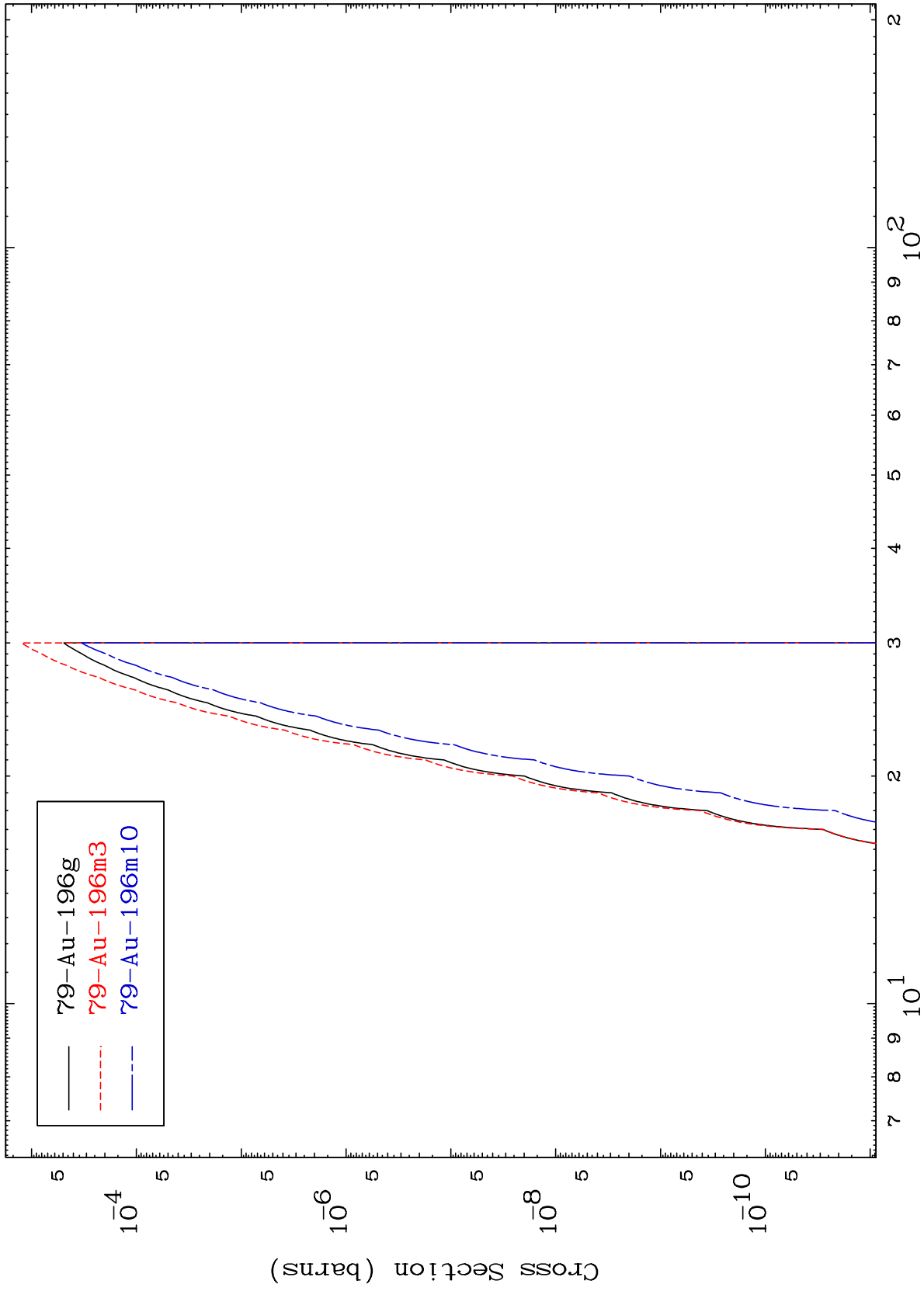
Incident Energy (MeV)

81-Tl-201

MAT 8119

81-Tl-201

(n,2n) α
Radionuclide Production Cross Section



134

Incident Energy (MeV)

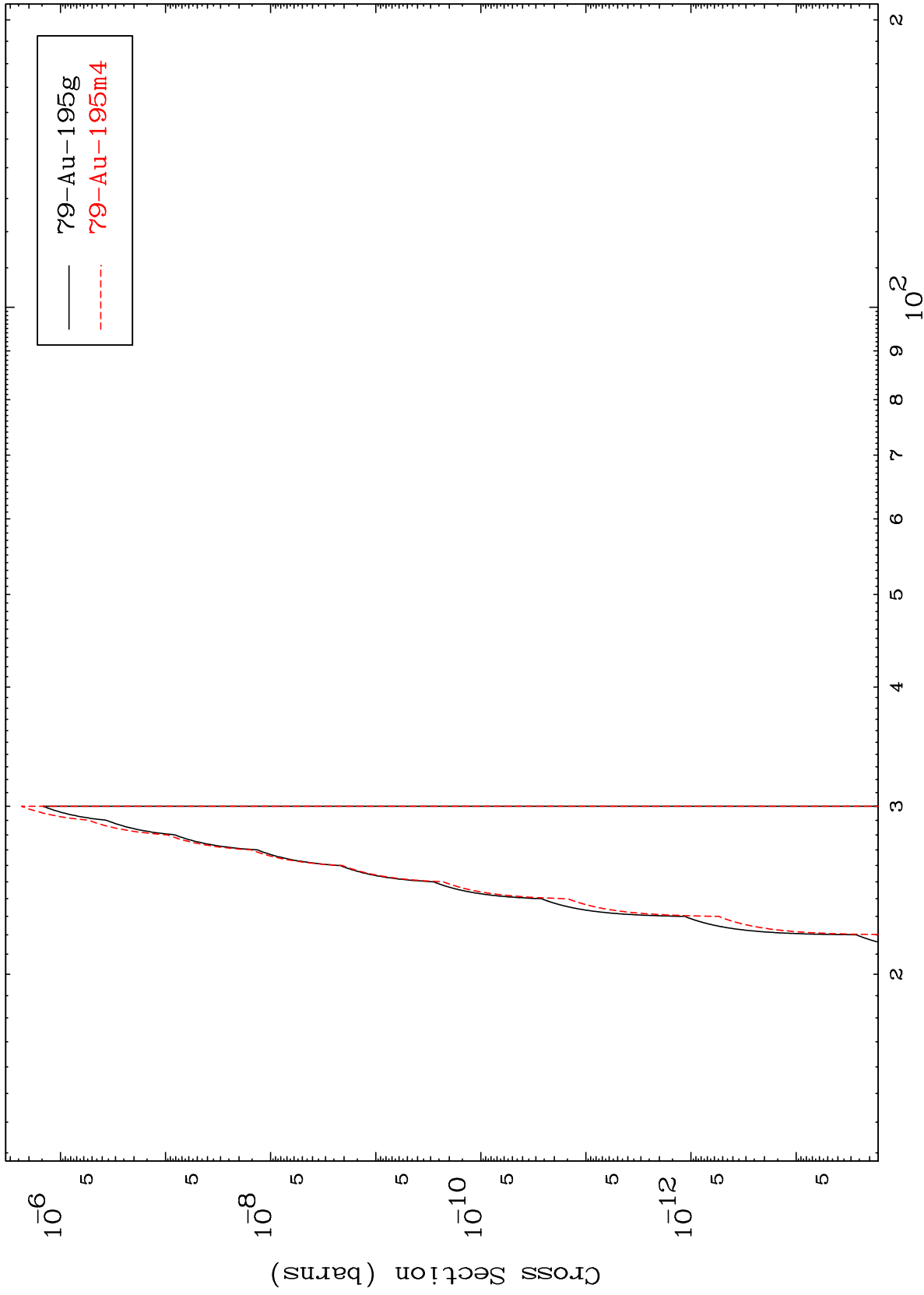
81-Tl-201

MAT 8119

(n,3n) α

81-Tl-201

Radionuclide Production Cross Section



135

Incident Energy (MeV)

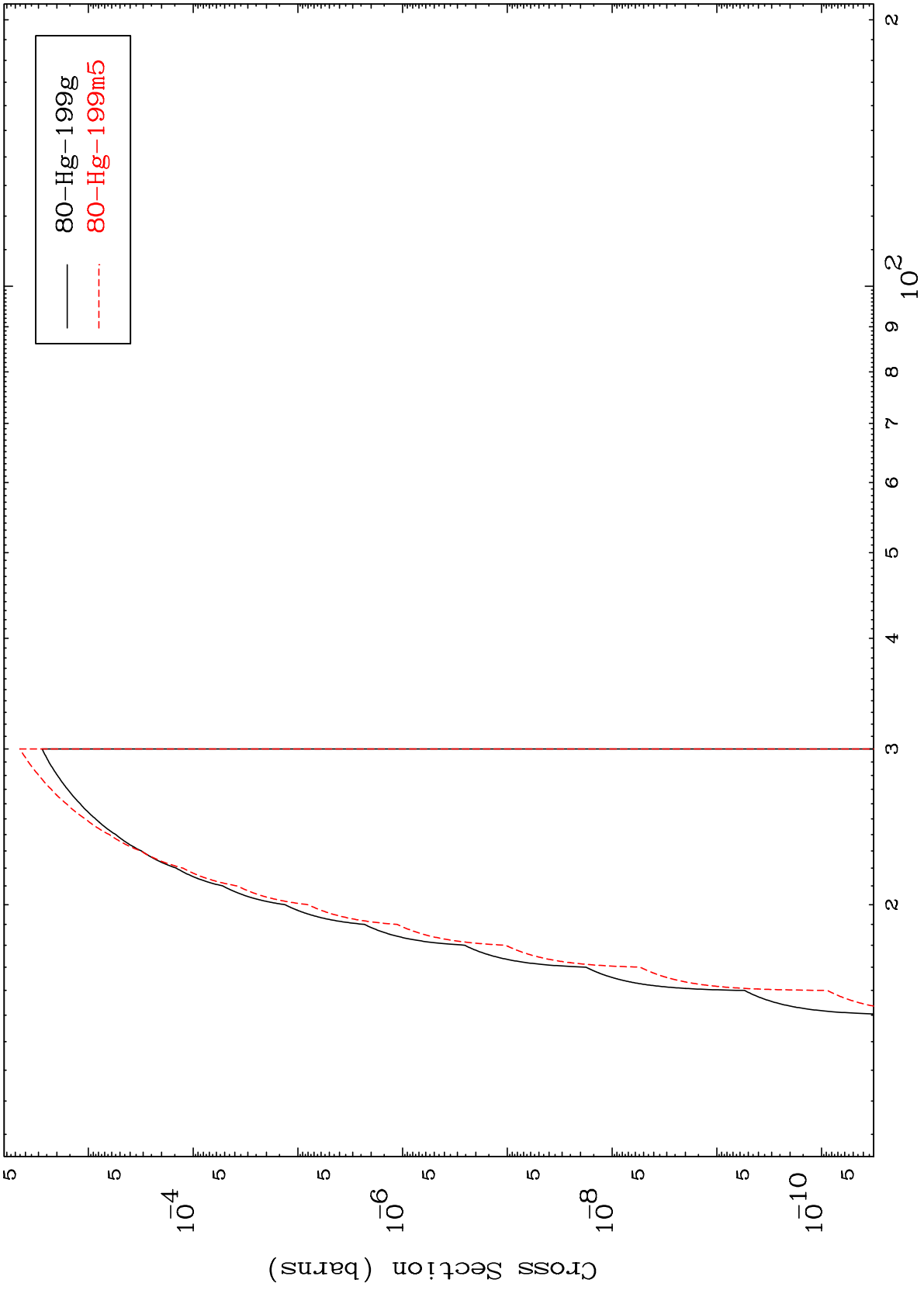
81-Tl-201

MAT 8119

(n,n') d

81-Tl-201

Radionuclide Production Cross Section



136

Incident Energy (MeV)

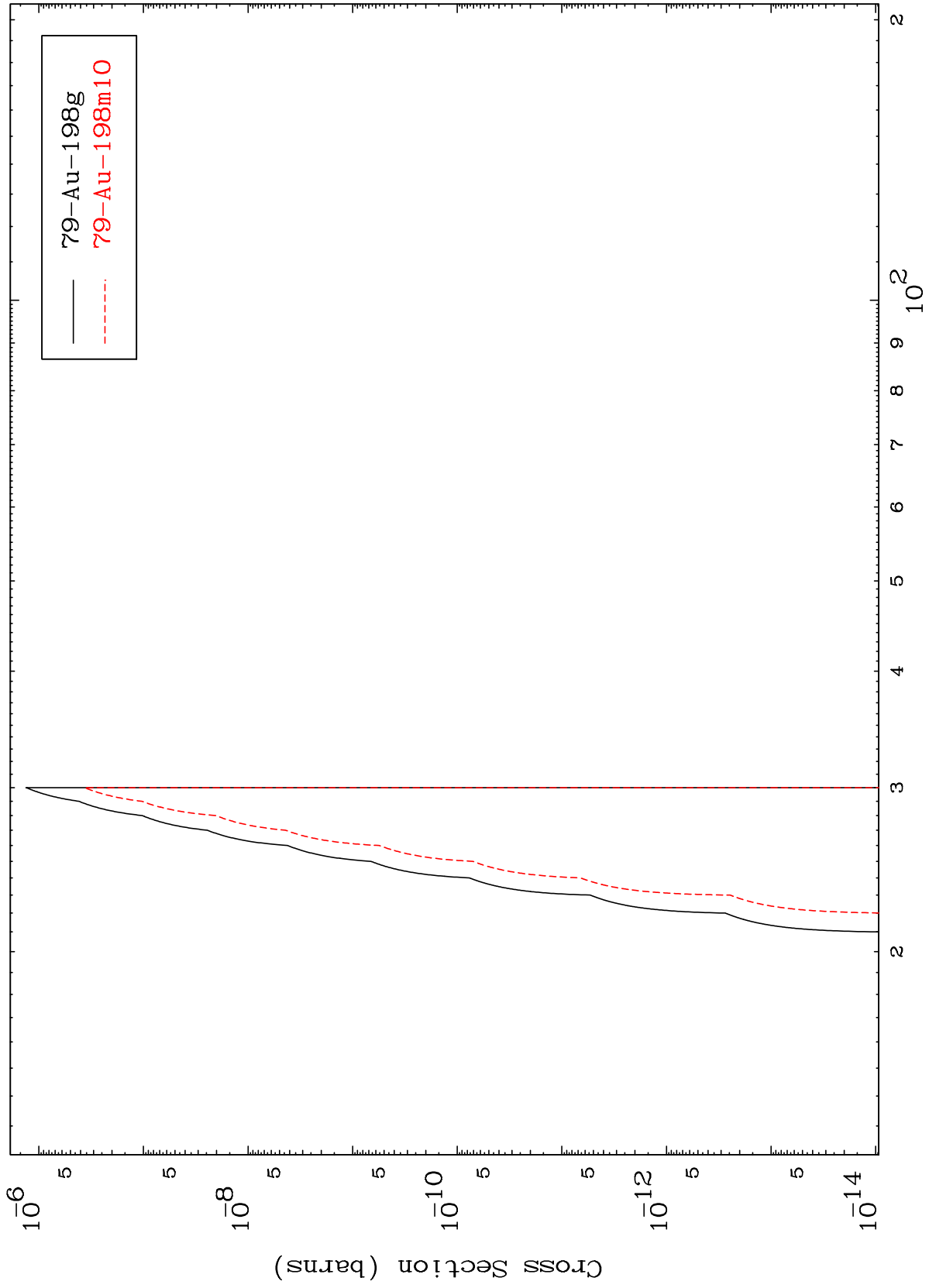
81-Tl-201

MAT 8119

(n, n') He-3

81-T1-201

Radionuclide Production Cross Section



137

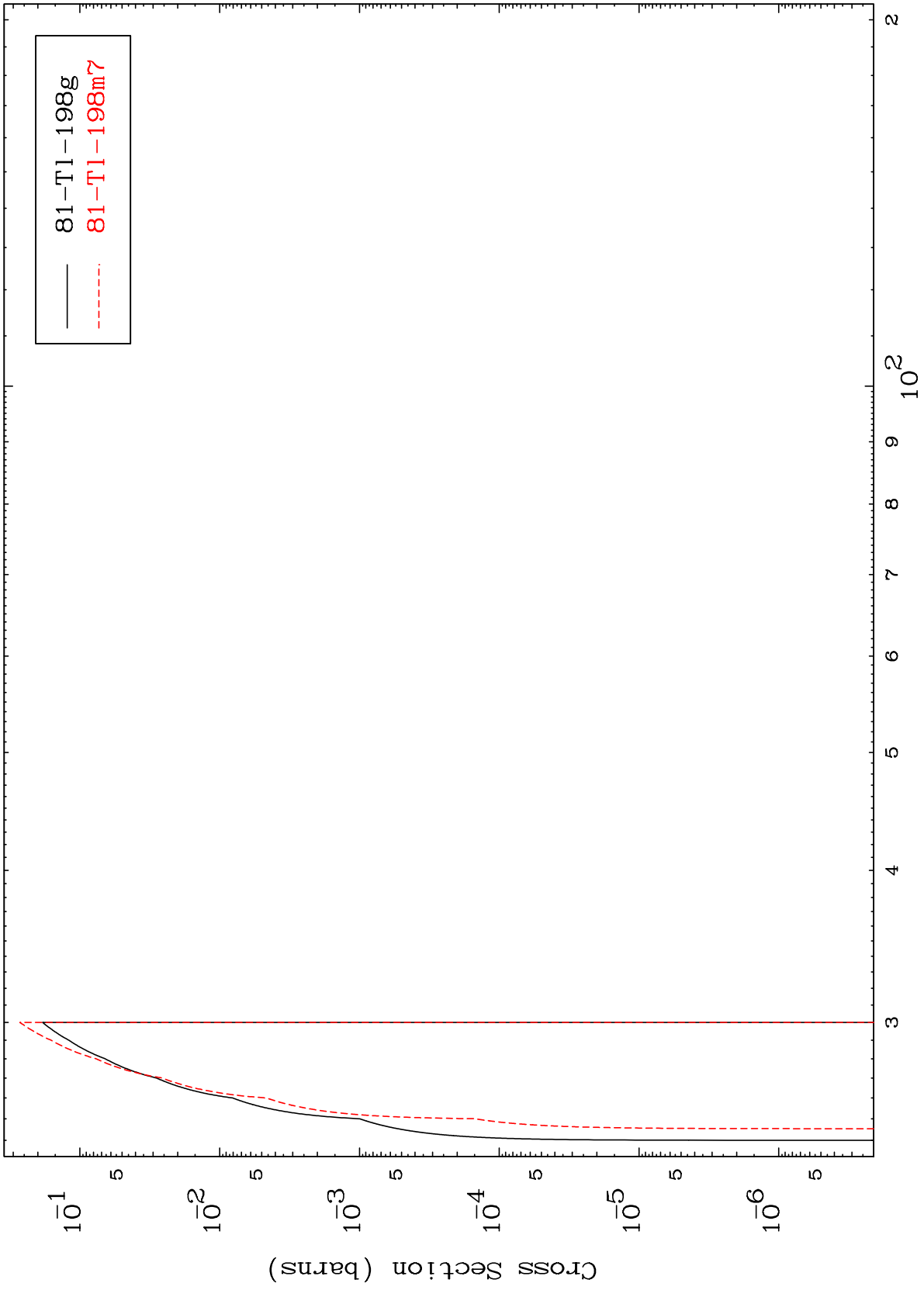
Incident Energy (MeV)

81-T1-201

MAT 81119

81-Tl-201

(n,4n)
Radionuclide Production Cross Section



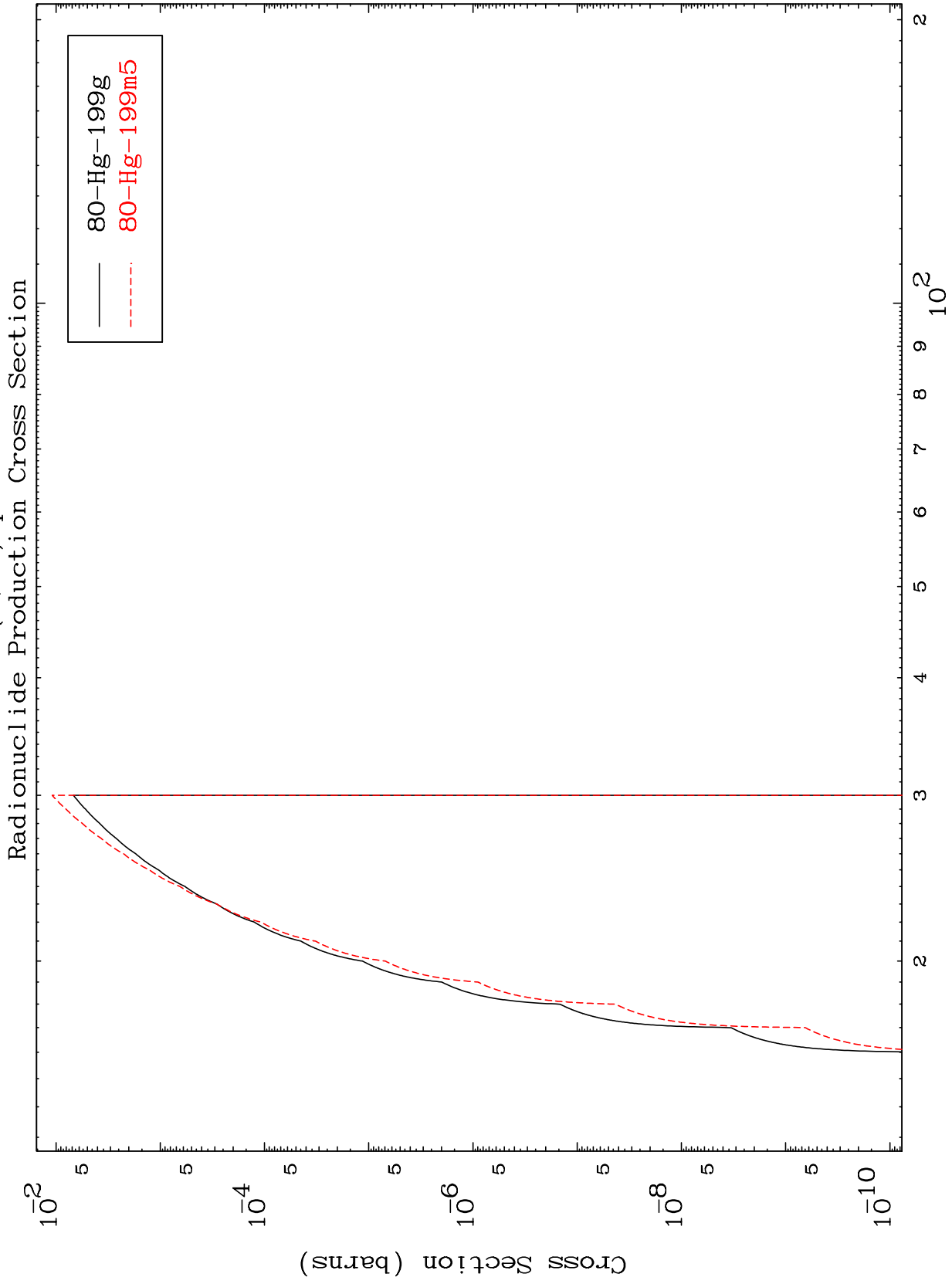
138

81-Tl-201

MAT 81119

(n,2n) p

81-Tl-201



139

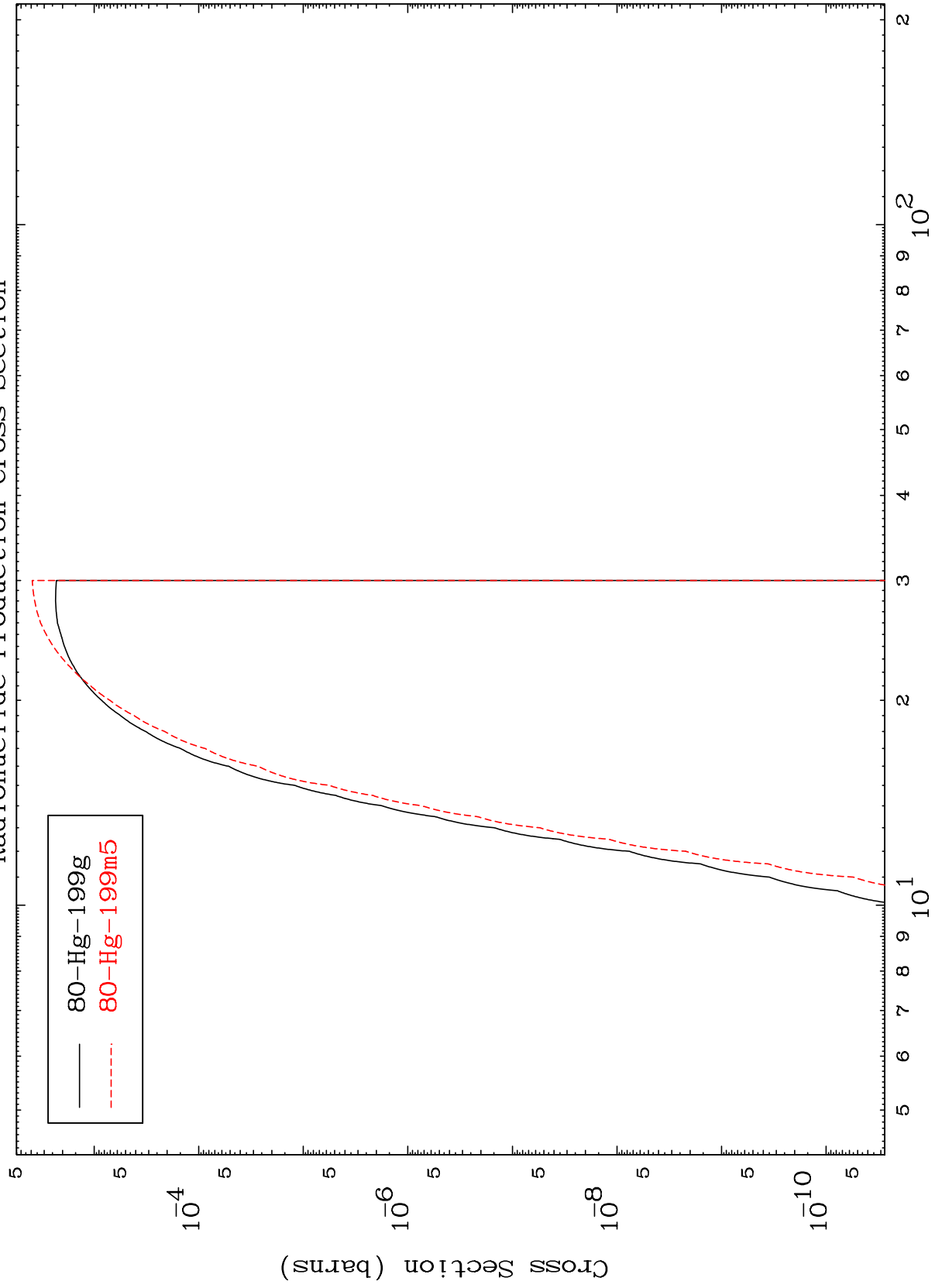
Incident Energy (MeV)

81-Tl-201

MAT 8119

81-Tl-201

Radionuclide Production Cross Section (n, t)



140

Incident Energy (MeV)

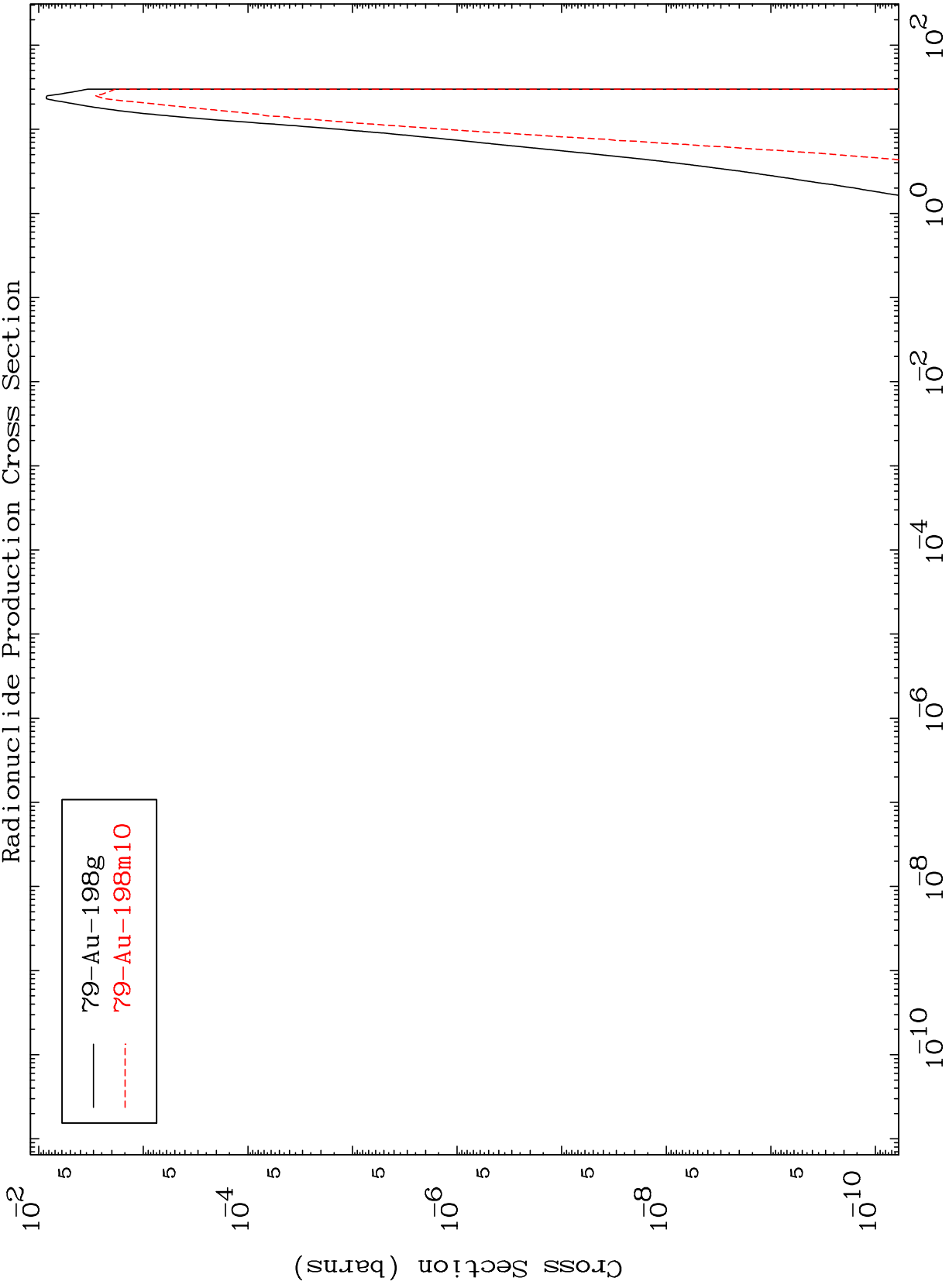
81-Tl-201

MAT 8119

(n,α)

81-Tl-201

Radionuclide Production Cross Section



141

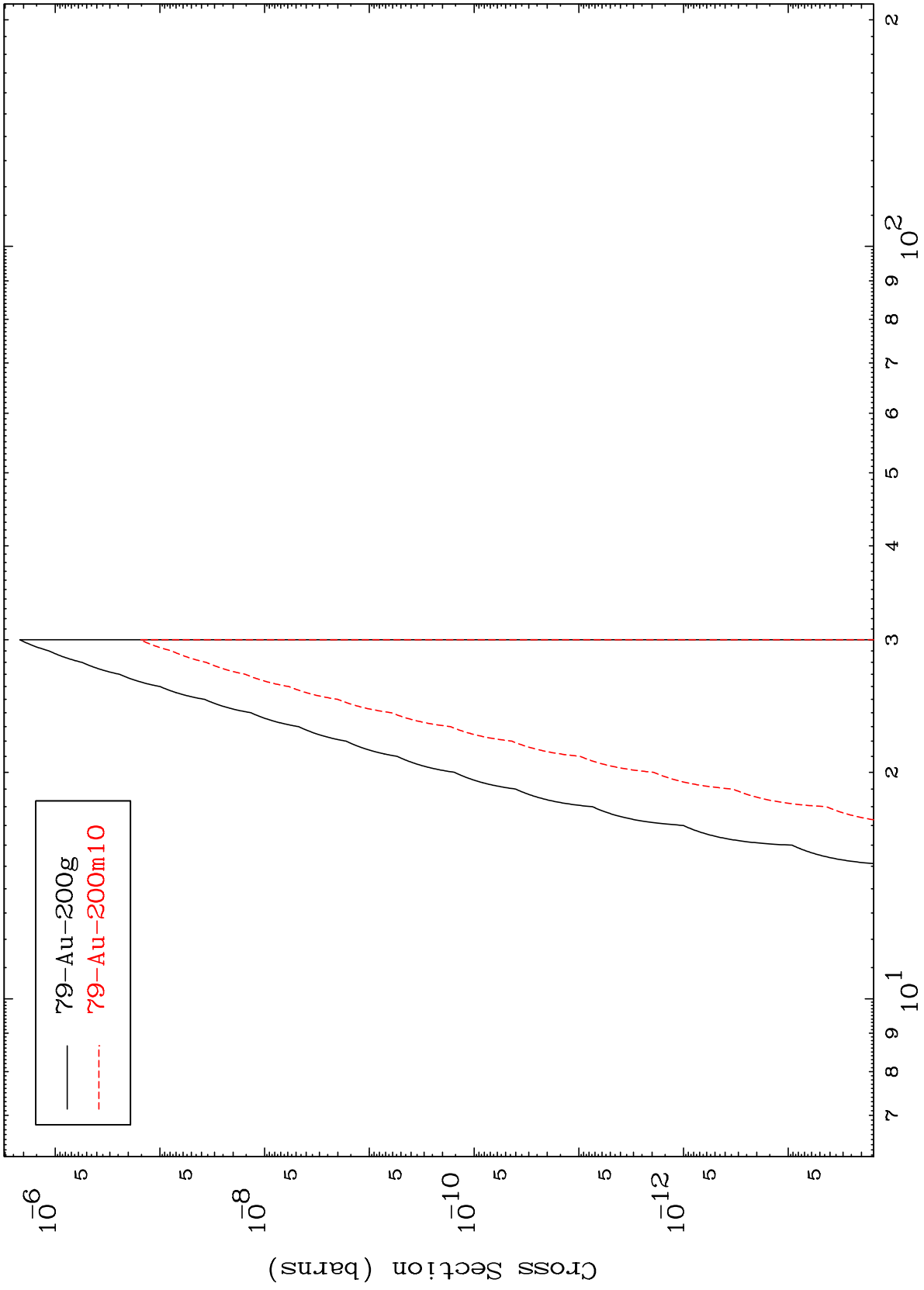
Incident Energy (MeV)

81-Tl-201

MAT 8119

81-Tl-201

(n,2p)
Radionuclide Production Cross Section



142

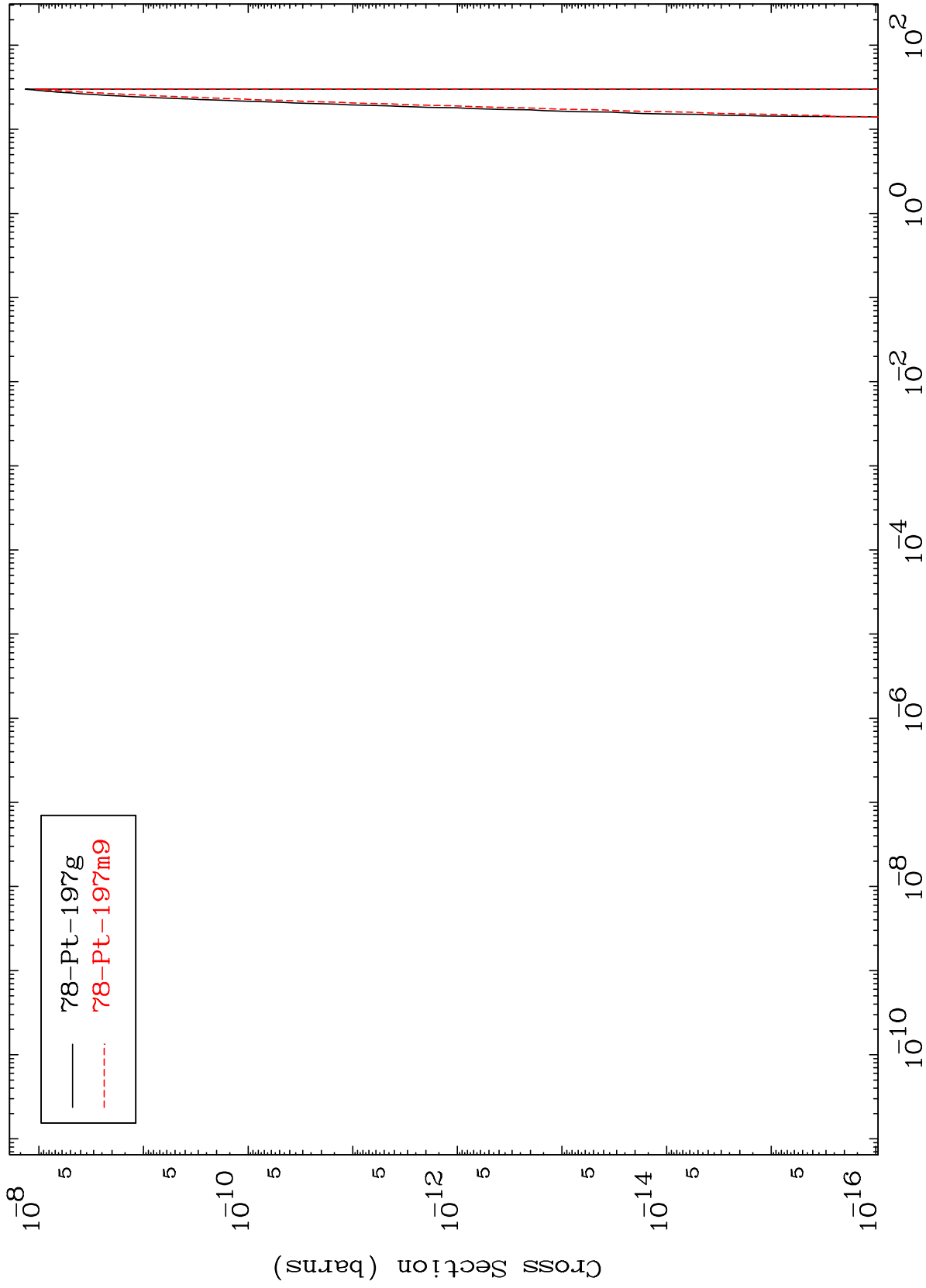
81-Tl-201

MAT 8119

(n,p) α

81-Tl-201

Radionuclide Production Cross Section



143

Incident Energy (MeV)

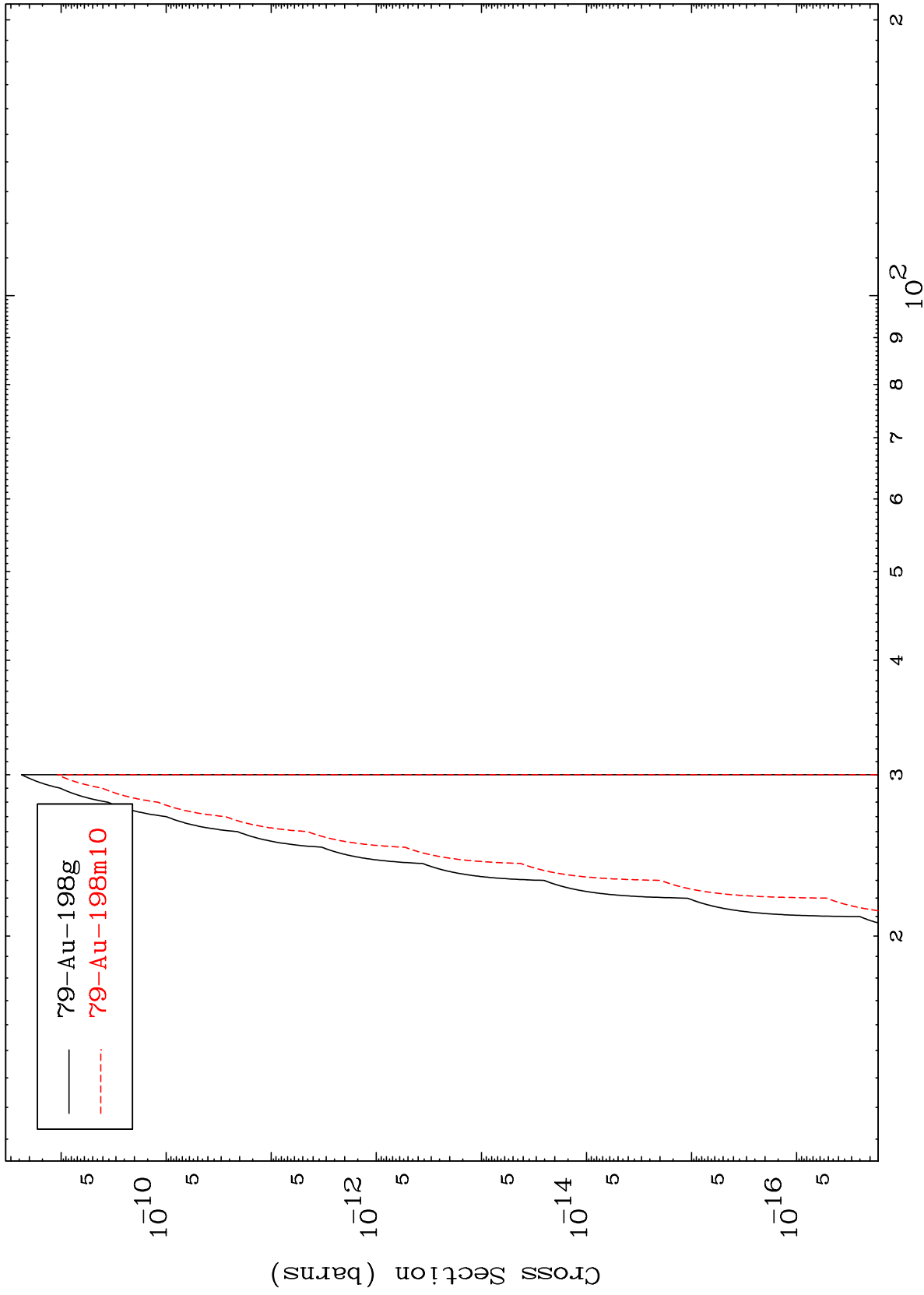
81-Tl-201

MAT 8119

(n,p) t

81-Tl-201

Radionuclide Production Cross Section



144

81-Tl-201