

Program EVALPLOT
(Version 2018-1)

by

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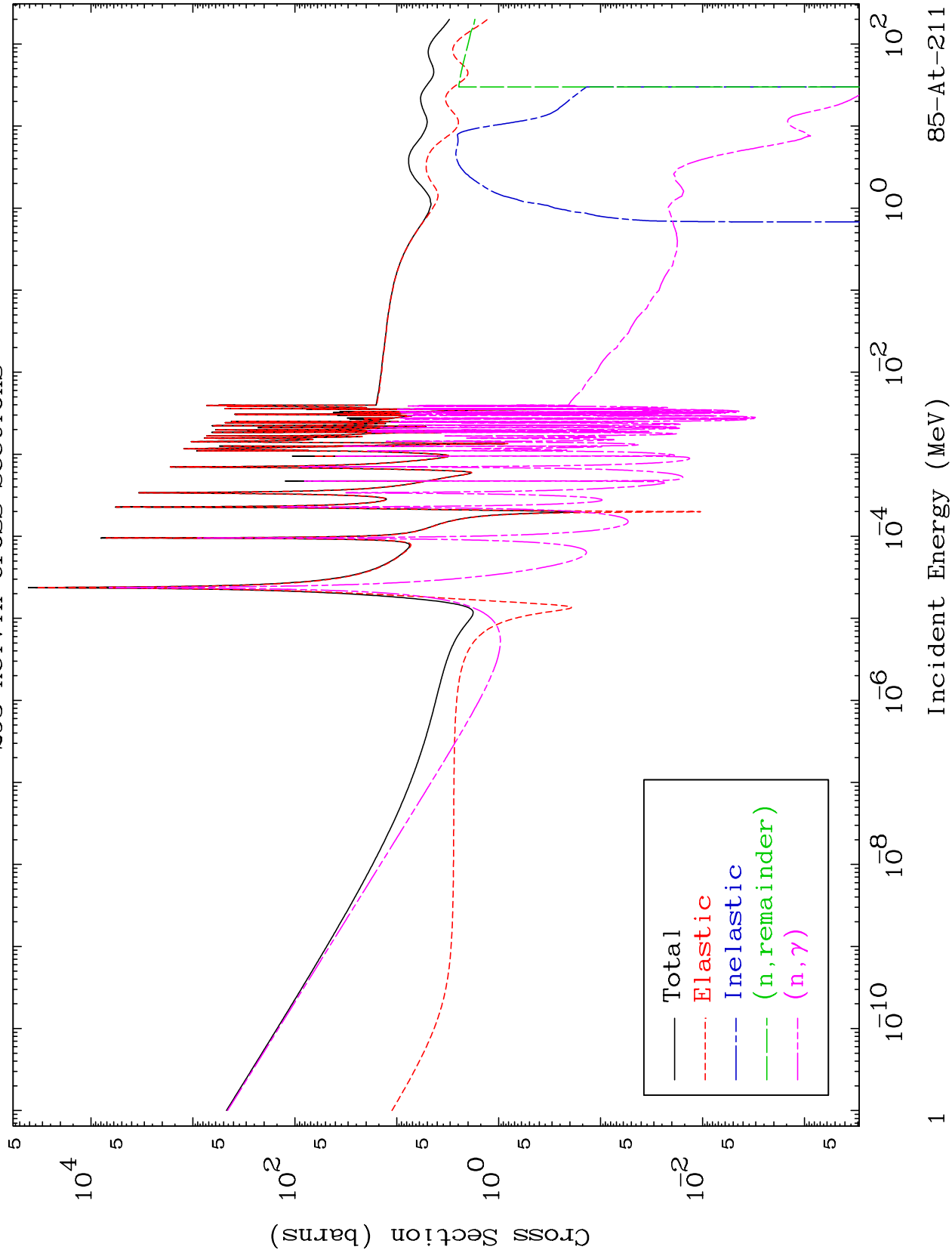
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8549

Major
293 Kelvin Cross Sections

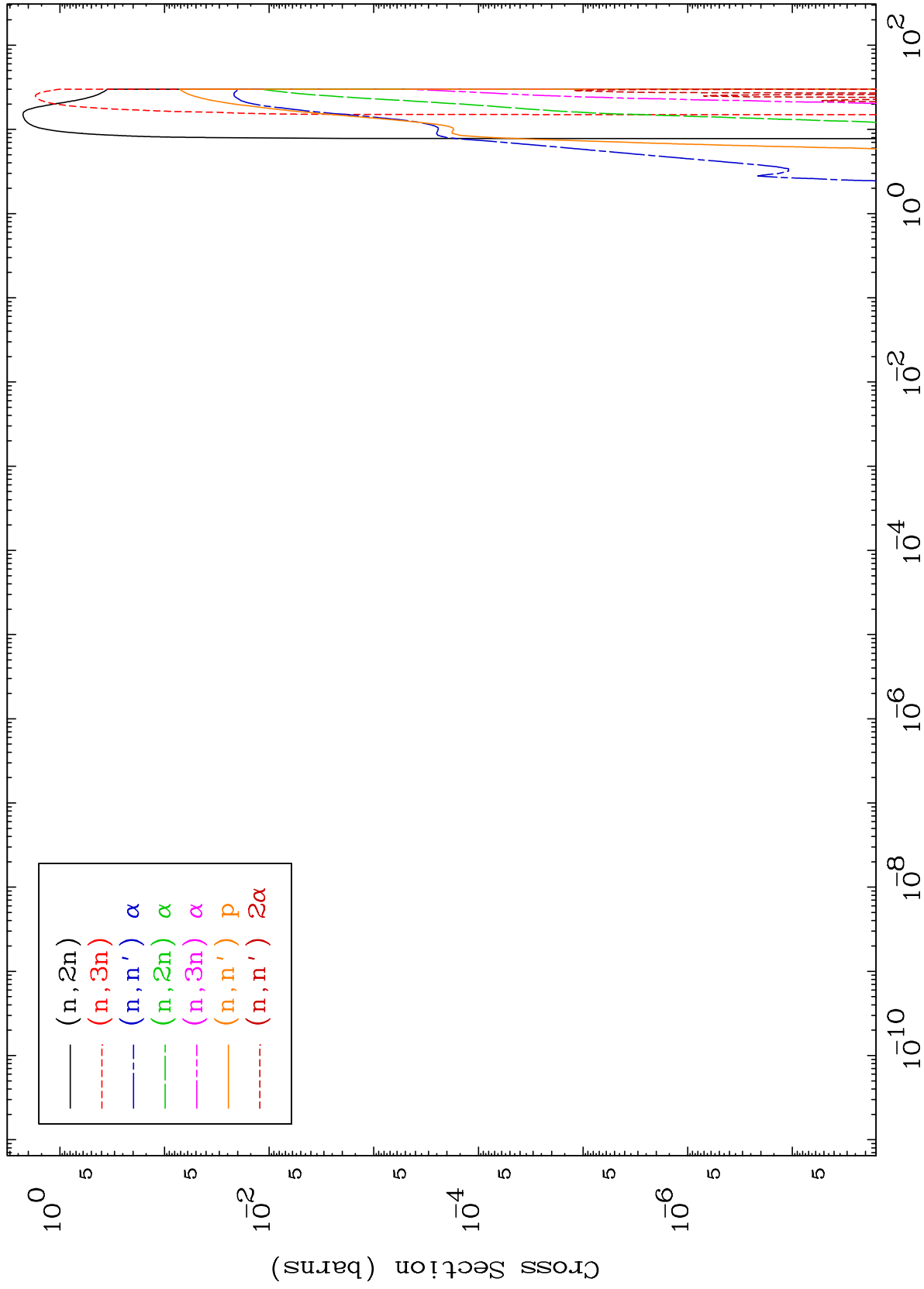
85-At-211



MAT 8549

Neutron Production
293 Kelvin Cross Sections

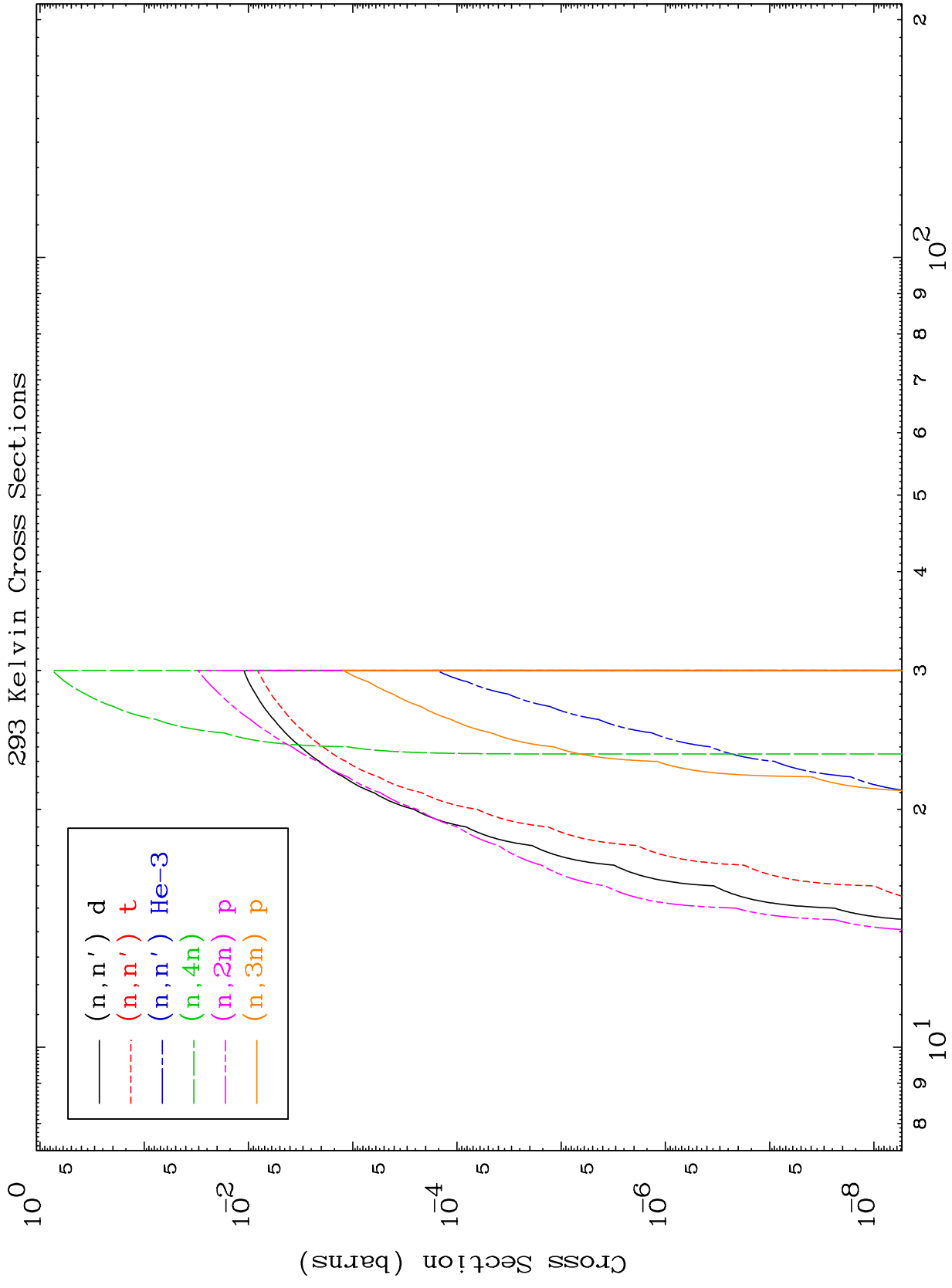
85-At-211



2

Incident Energy (MeV)

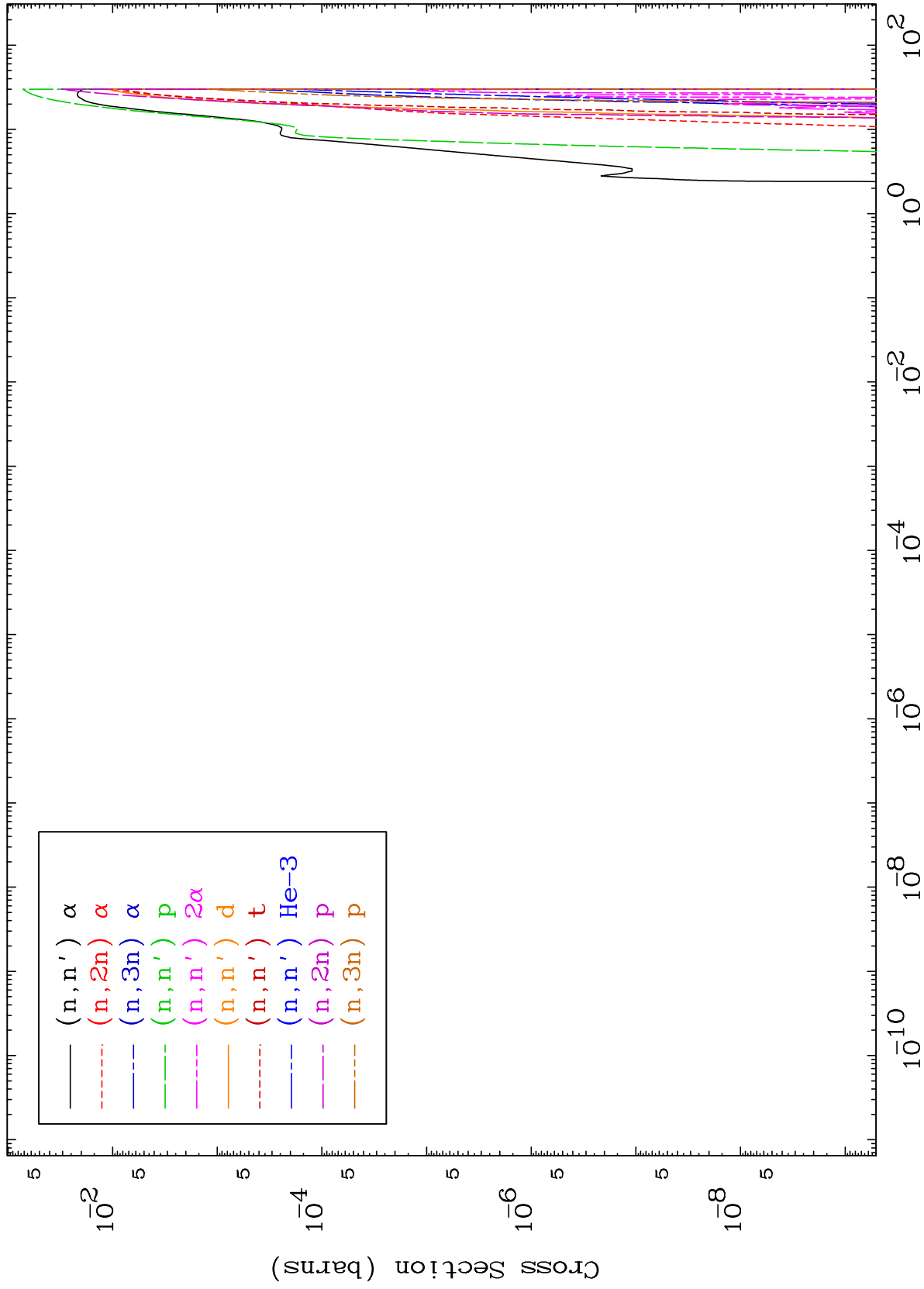
85-At-211



MAT 8549

293 Charged Particle
Kelvin Cross Sections

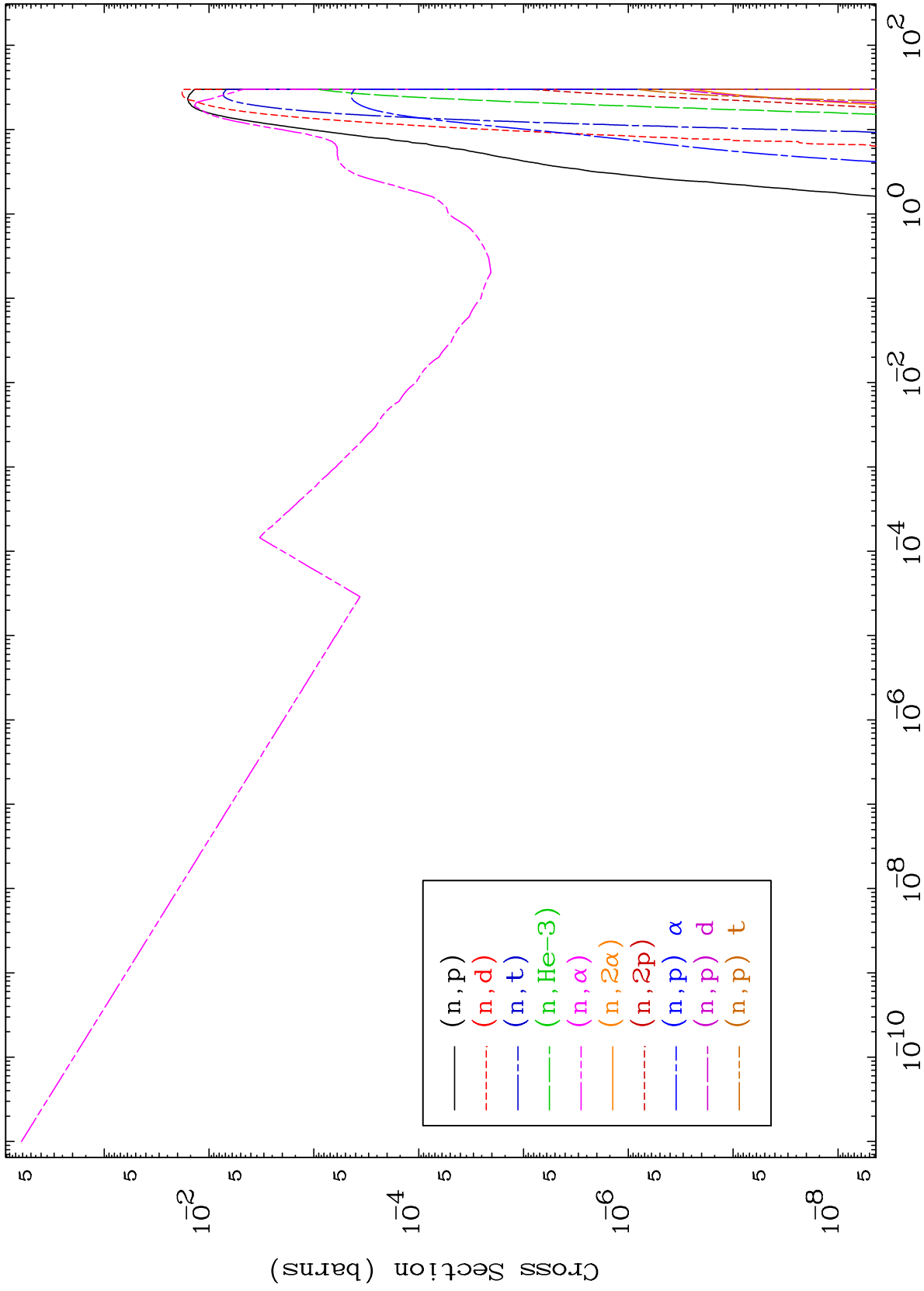
85-At-211



MAT 8549

Charged Particle
293 Kelvin Cross Sections

85-At-211



5

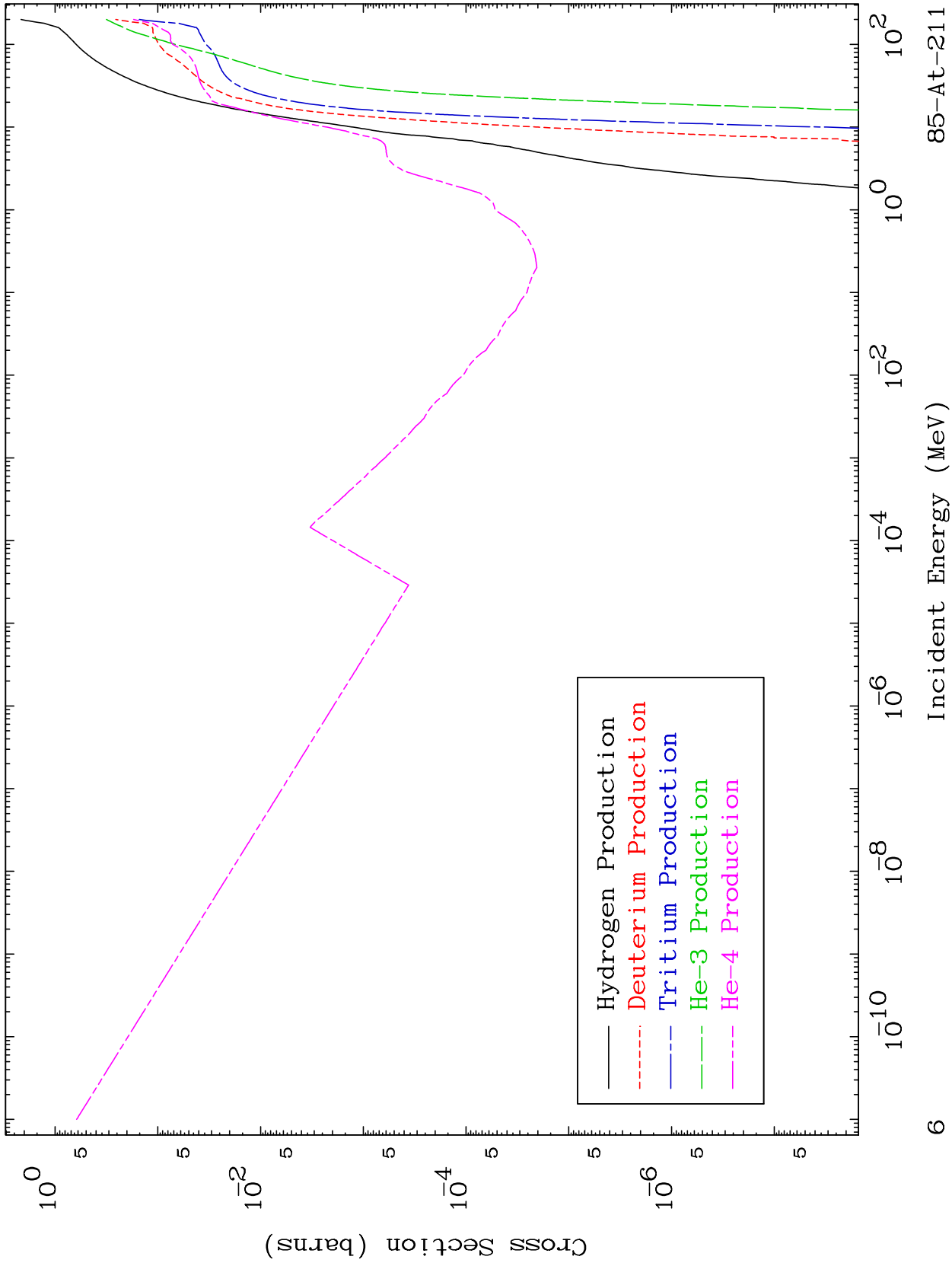
Incident Energy (MeV)

85-At-211

MAT 8549

Particle Production
293 Kelvin Cross Sections

85-At-211

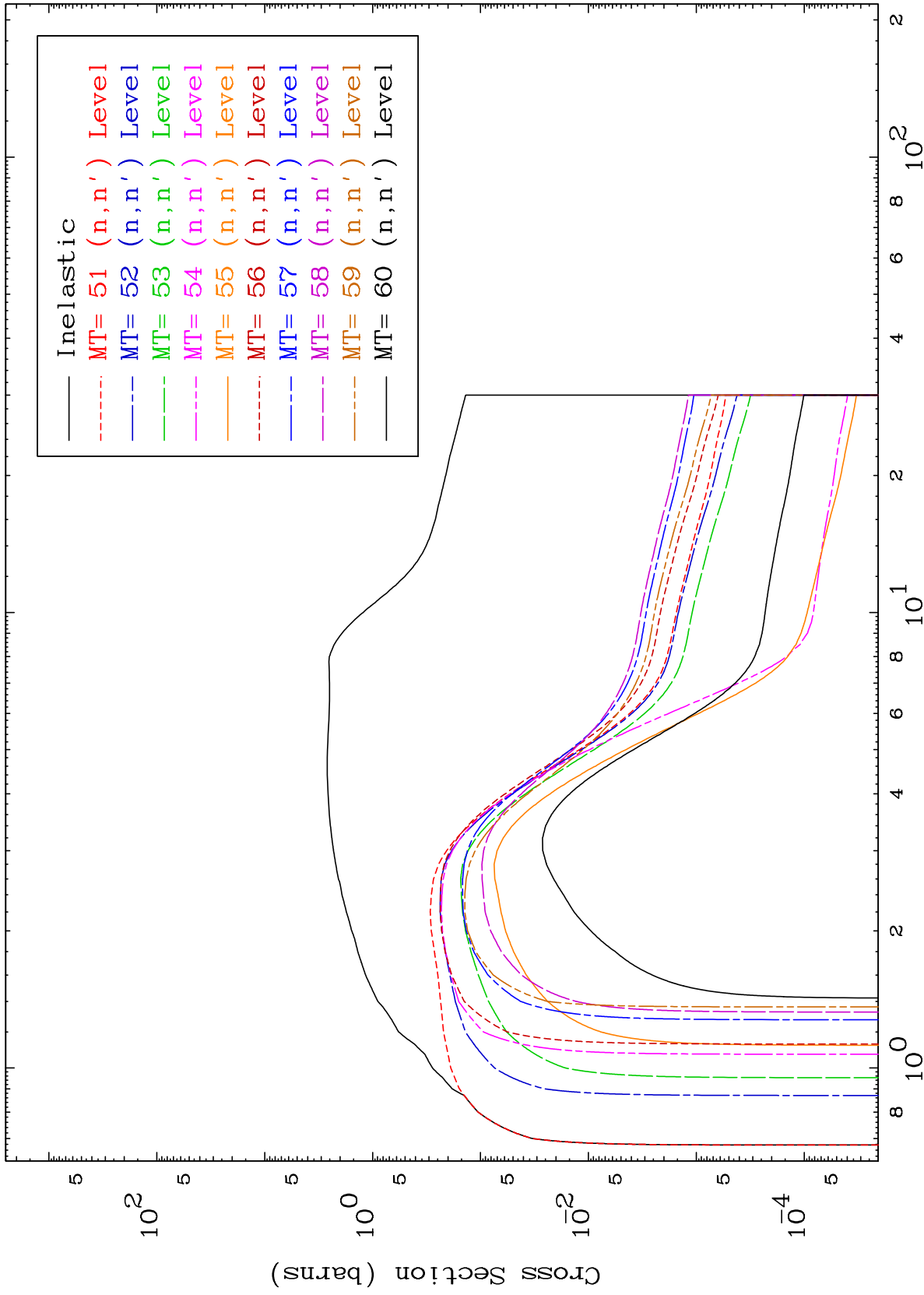


MAT 8549

(n,n') Level

85-At-211

293 Kelvin Cross Sections



7

Incident Energy (MeV)

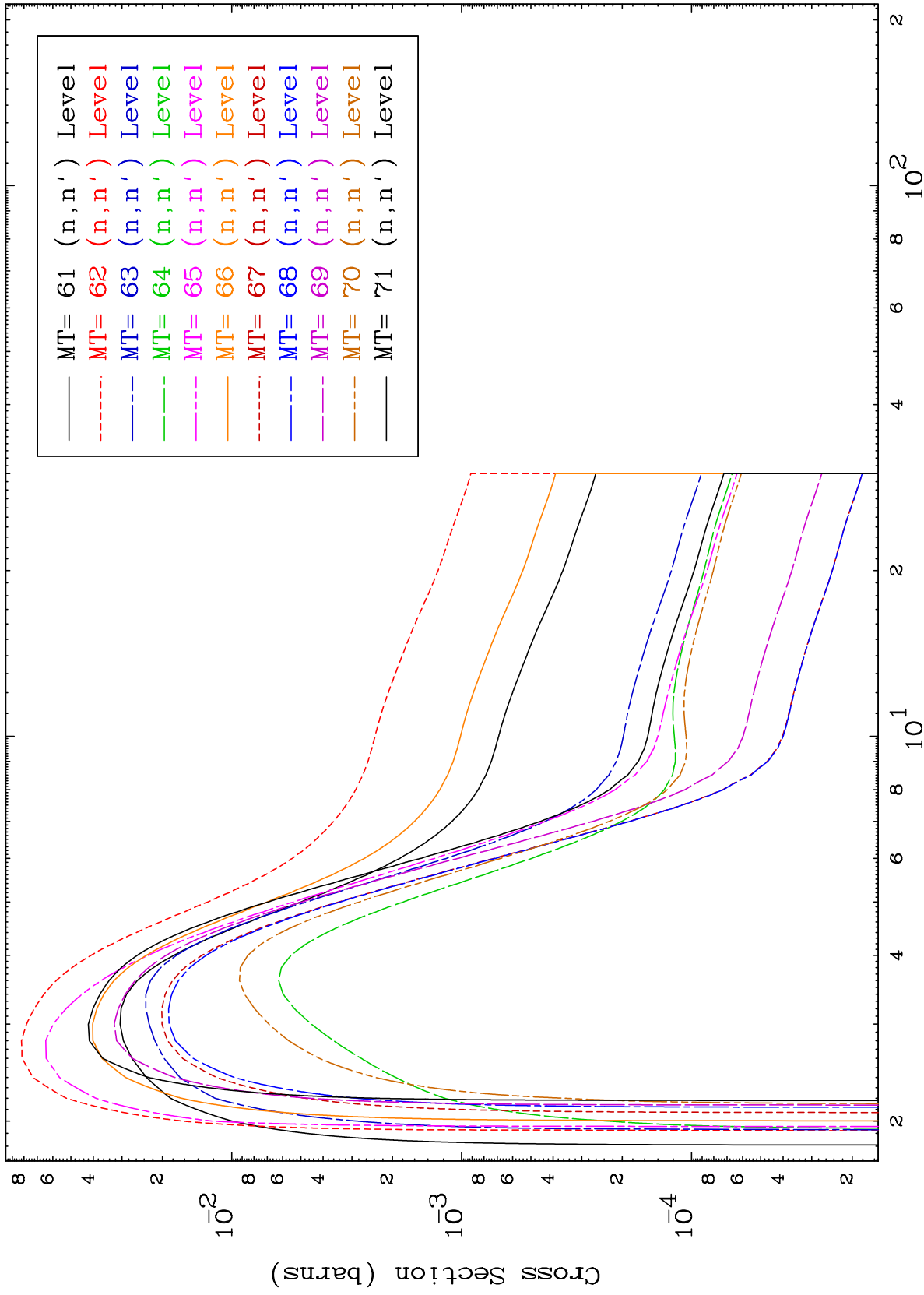
85-At-211

MAT 8549

(n,n') Level

85-At-211

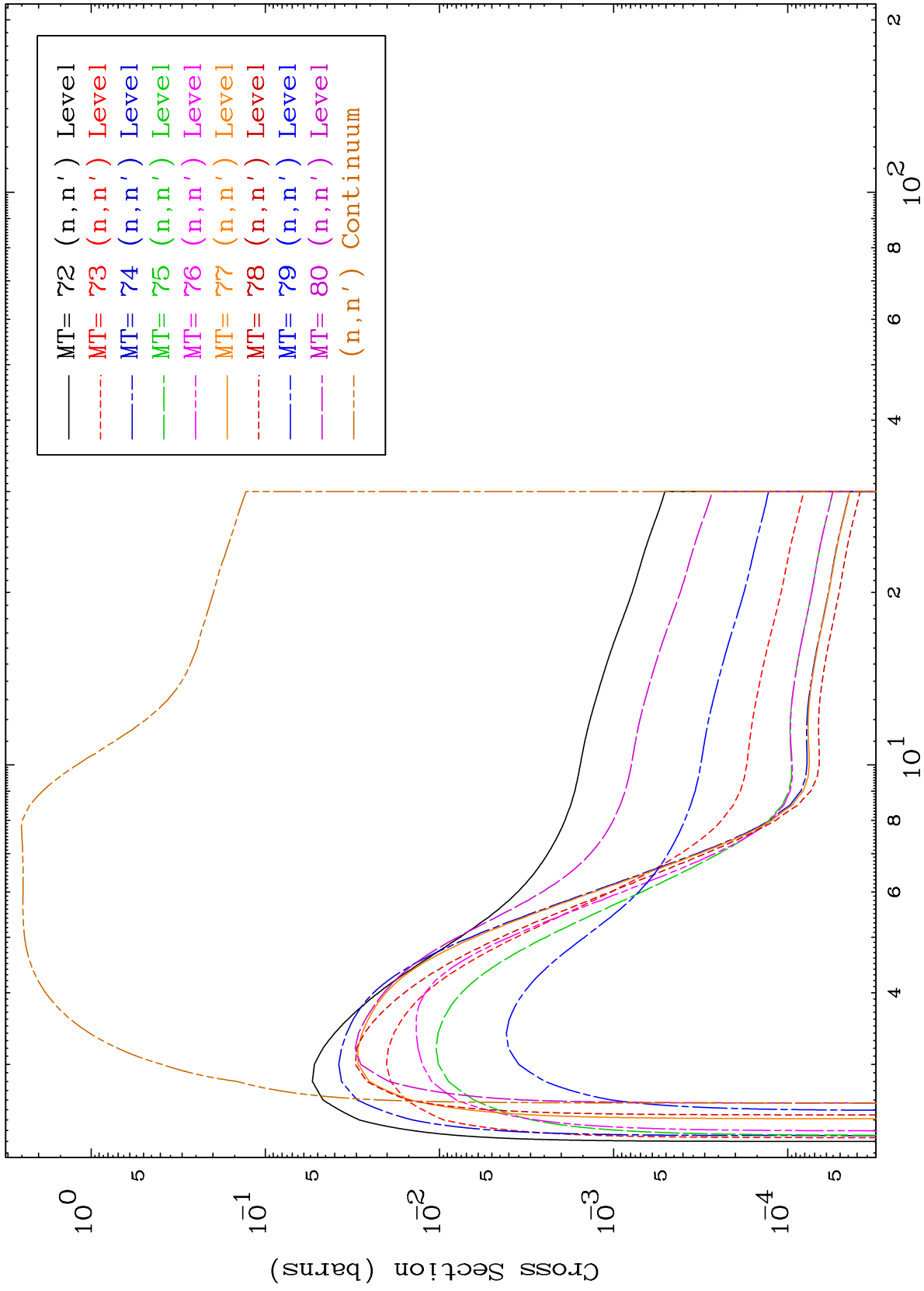
293 Kelvin Cross Sections



8

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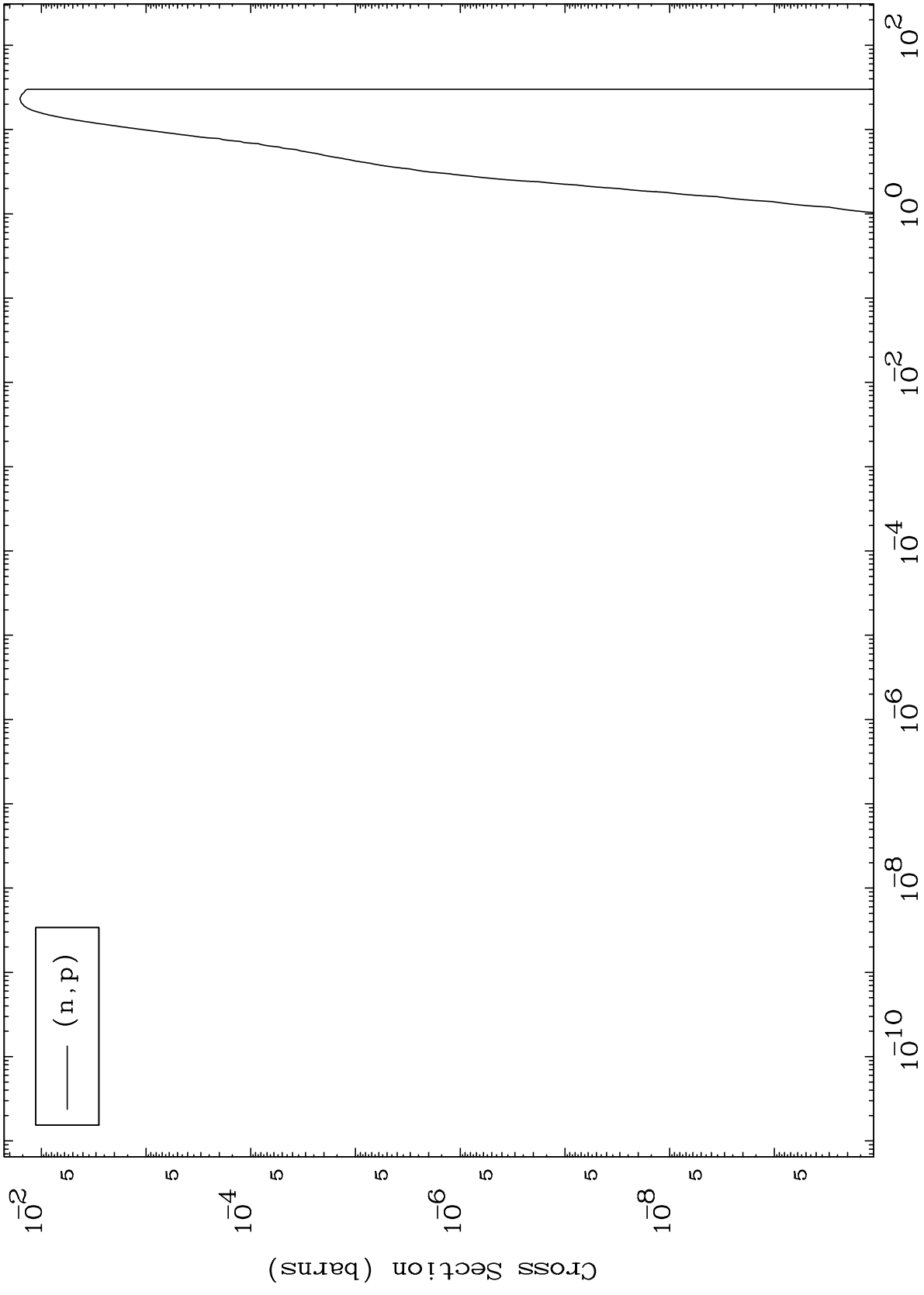
85-At-211



MAT 8549

(n,p) Levels
293 Kelvin Cross Sections

85-At-211



10

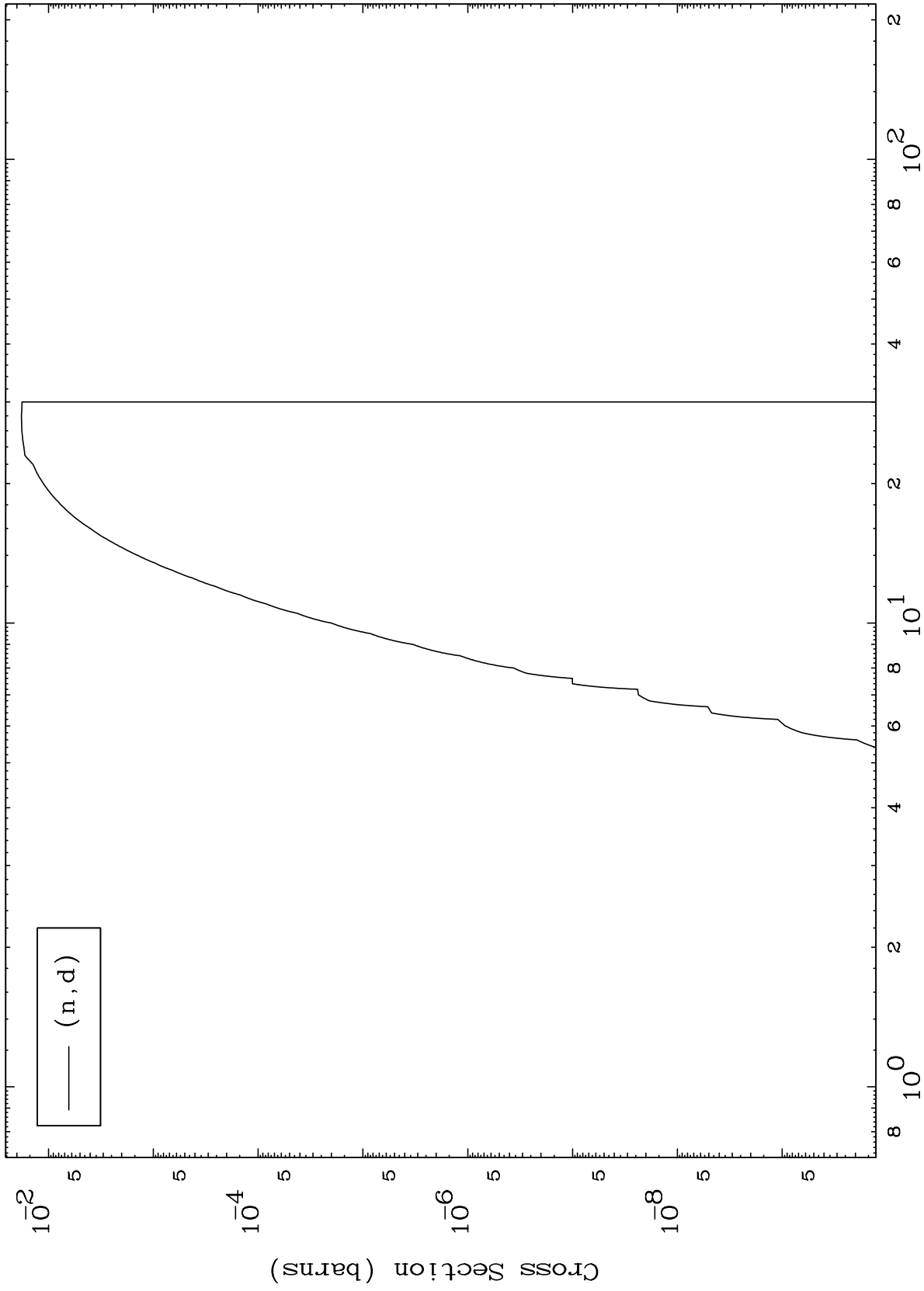
Incident Energy (MeV)

85-At-211

MAT 8549

85-At-211

(n,d) Levels
293 Kelvin Cross Sections



11

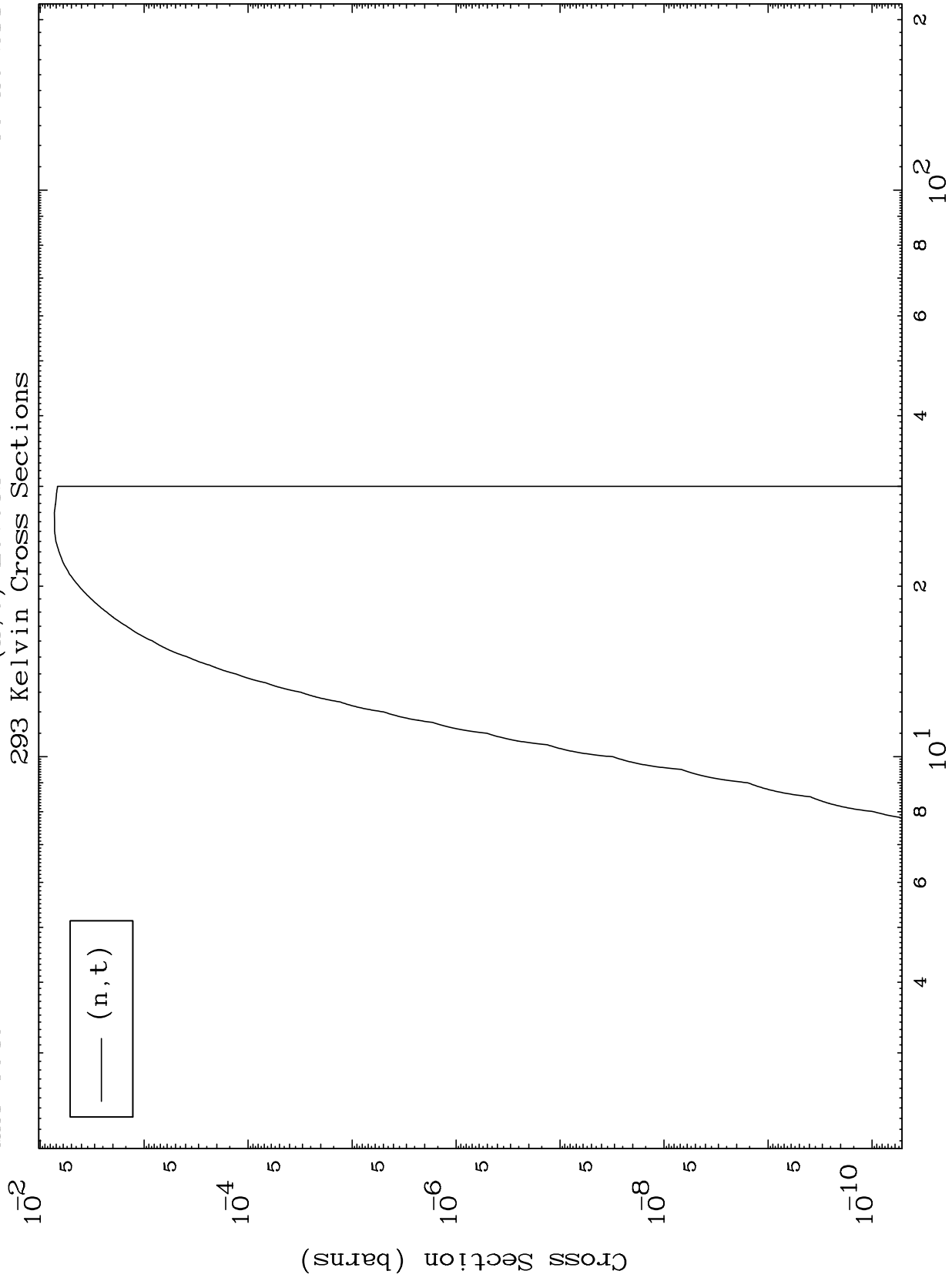
Incident Energy (MeV)

85-At-211

MAT 8549

85-At-211

(n,t) Levels
293 Kelvin Cross Sections



12

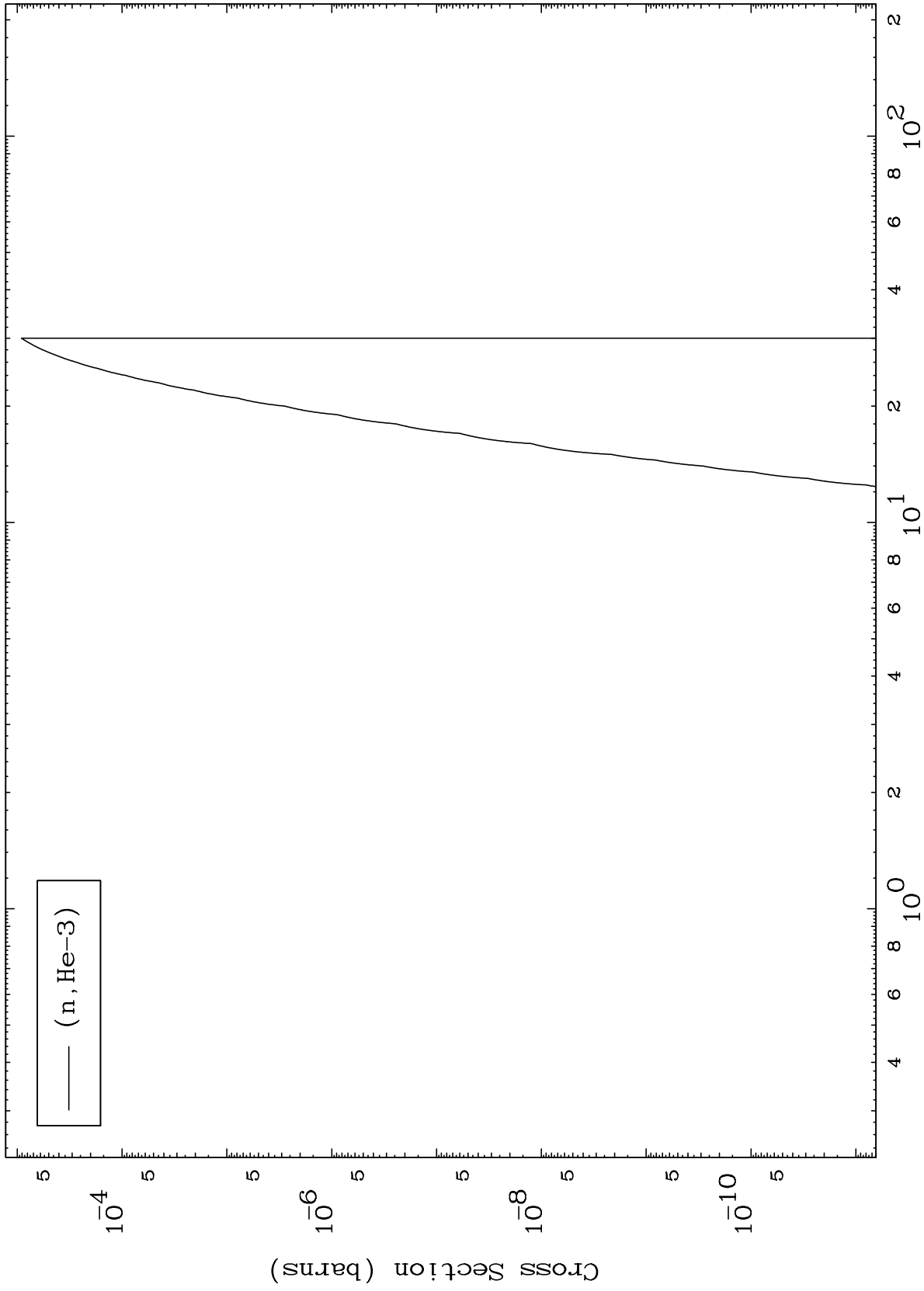
85-At-211

Incident Energy (MeV)

MAT 8549

(n,He3) Levels
293 Kelvin Cross Sections

85-At-211



13

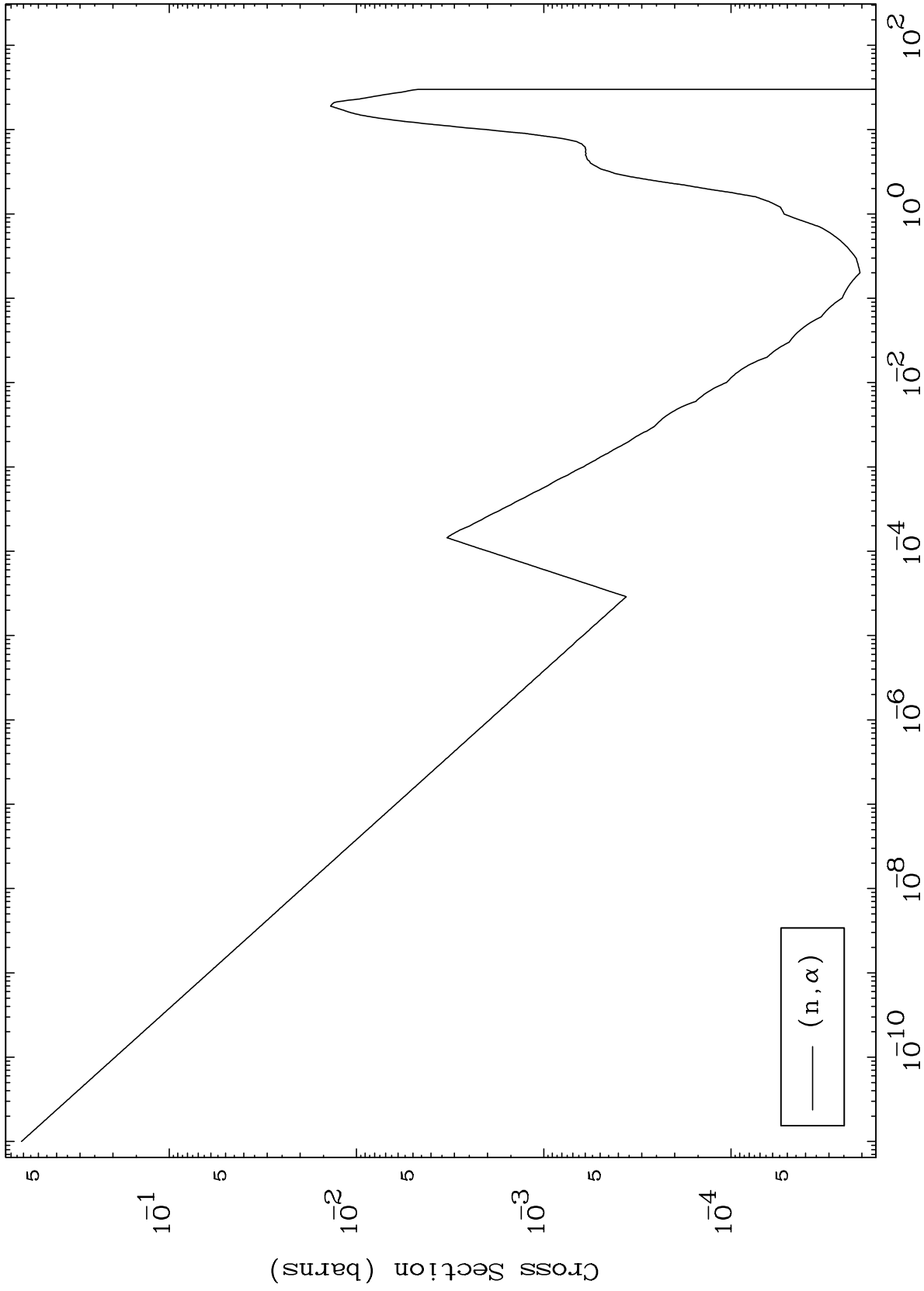
Incident Energy (MeV)

85-At-211

MAT 8549

(n,α) Levels
293 Kelvin Cross Sections

85-At-211

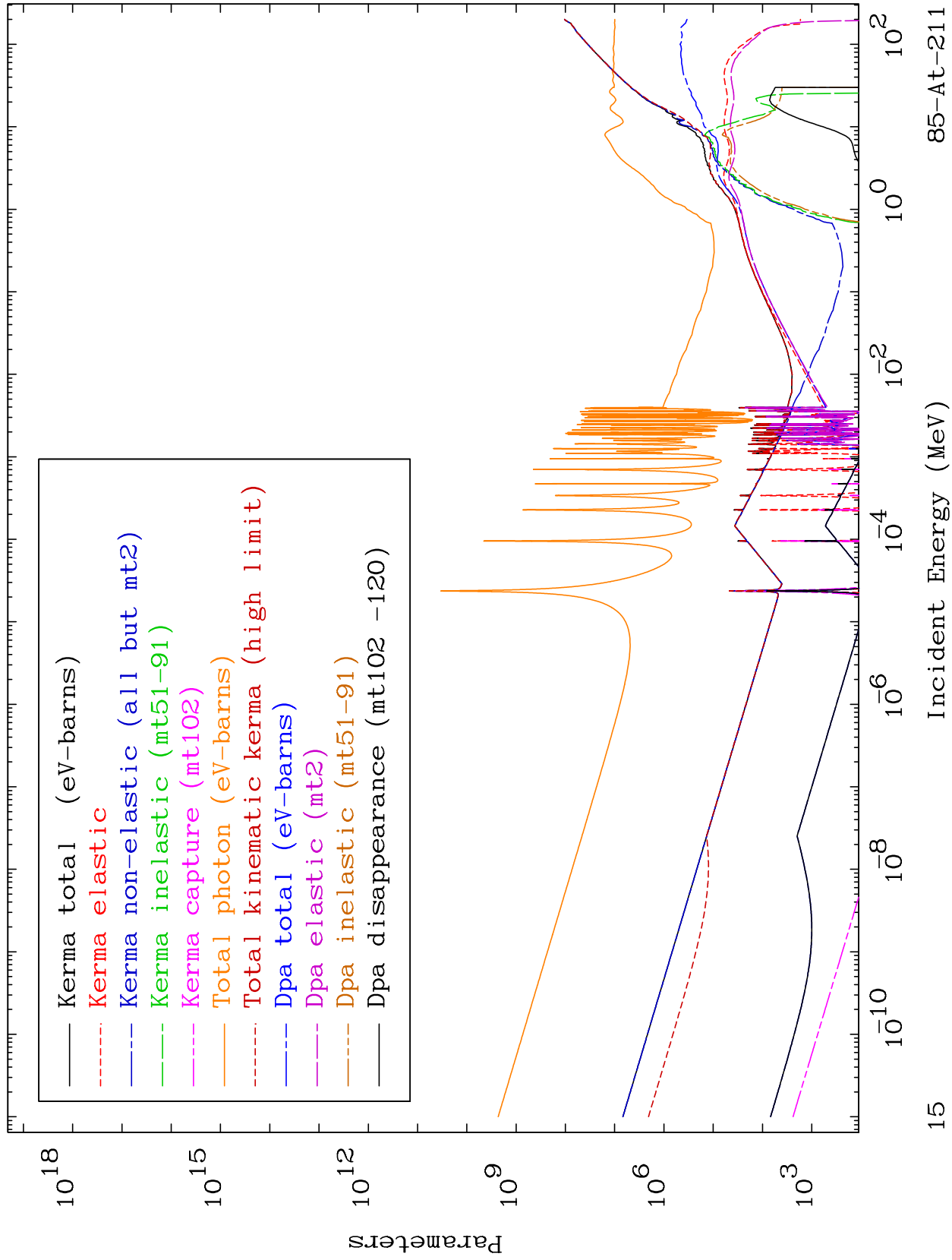


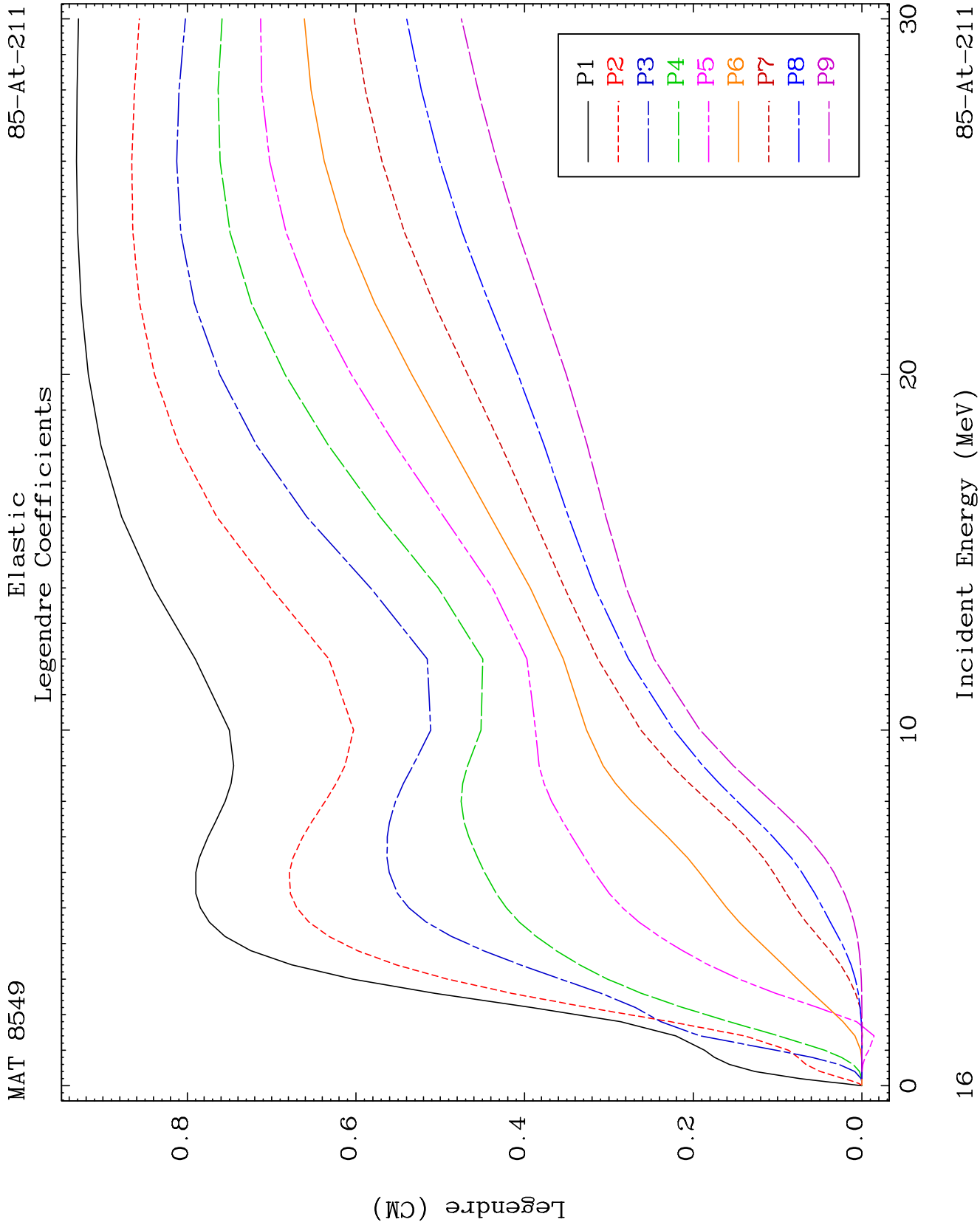
14

Incident Energy (MeV)

85-At-211

— (n,α)

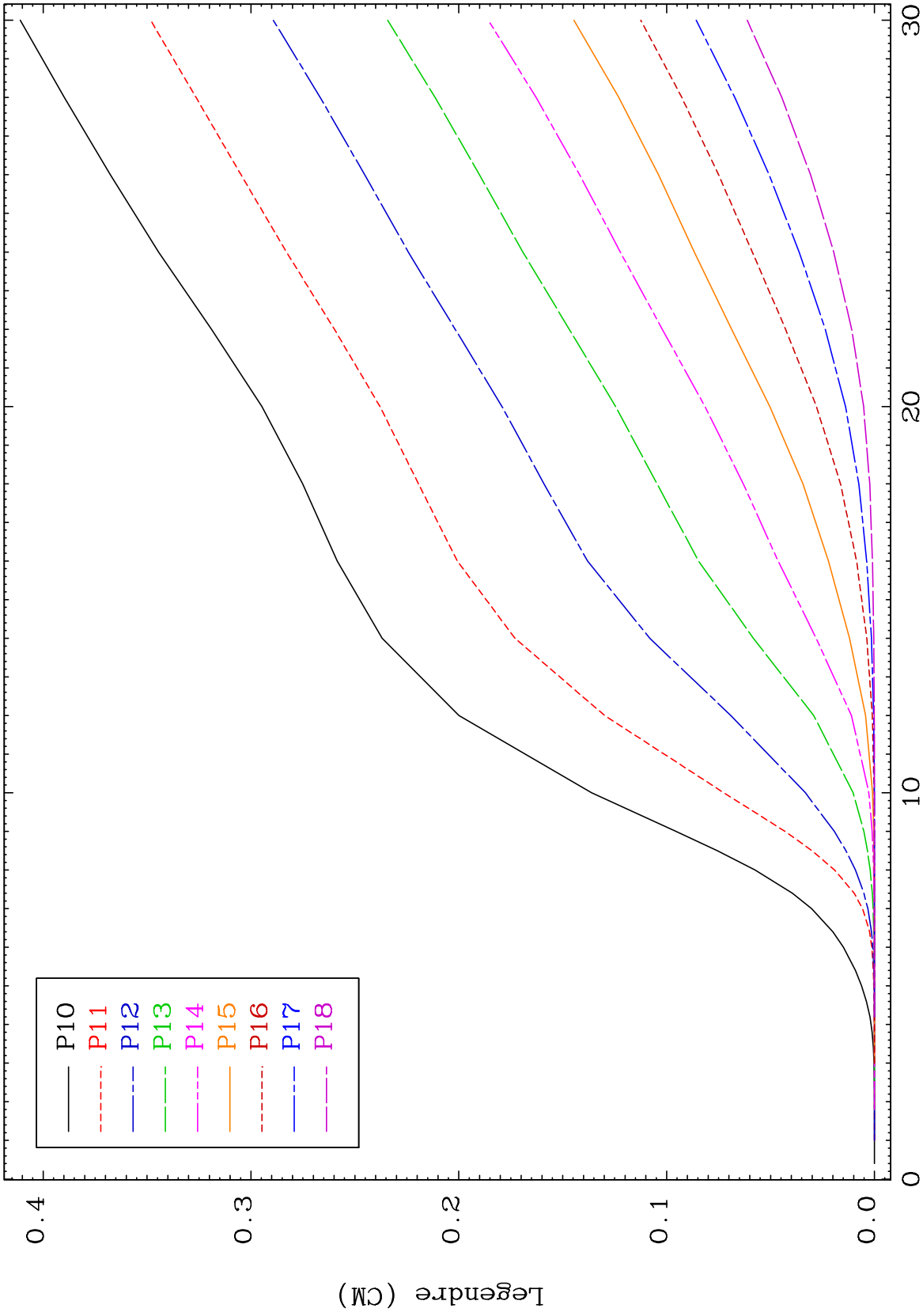




MAT 8549

Elastic Legendre Coefficients

85-At-211



17

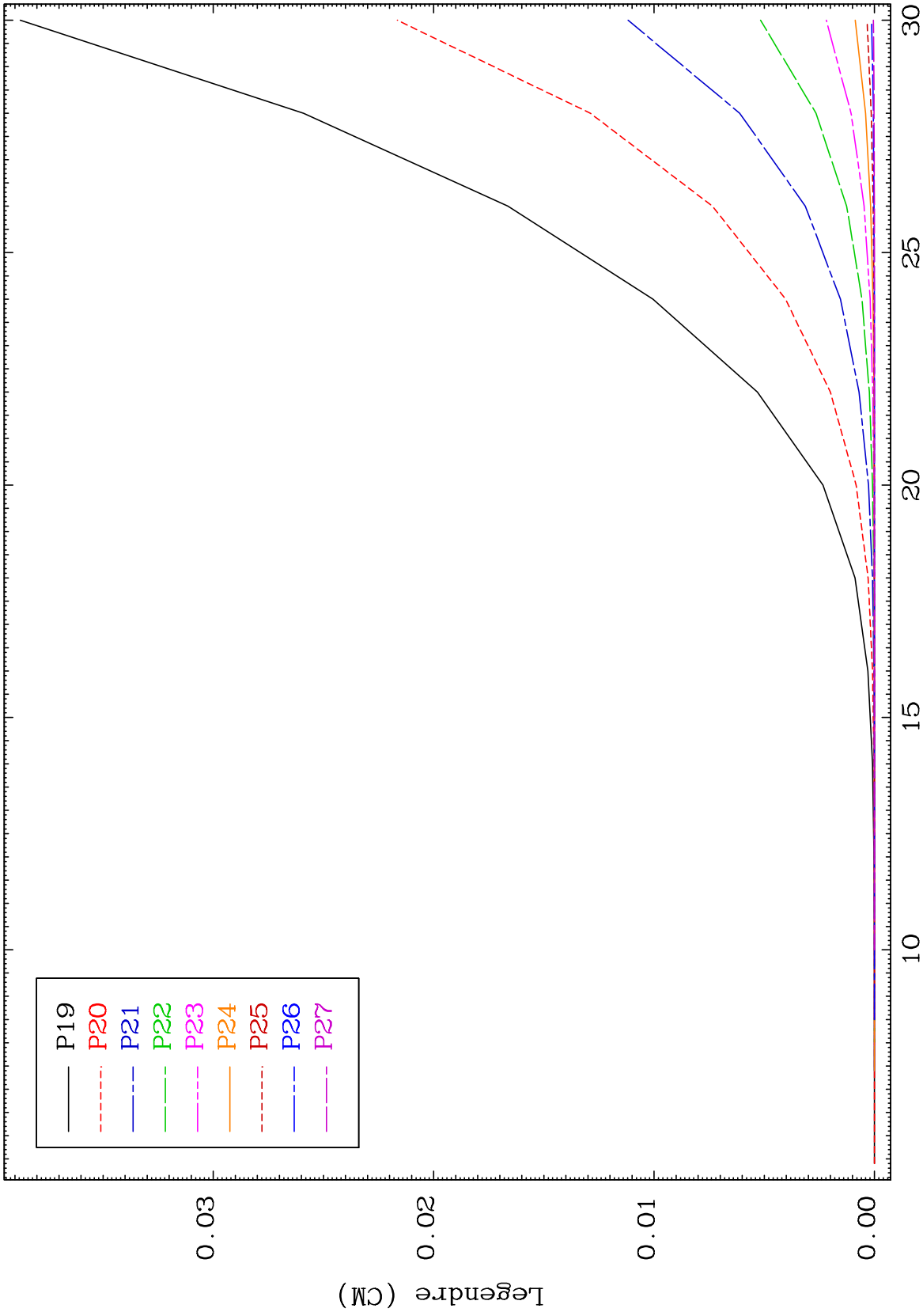
Incident Energy (MeV)

85-At-211

MAT 8549

Elastic Legendre Coefficients

85-At-211



18

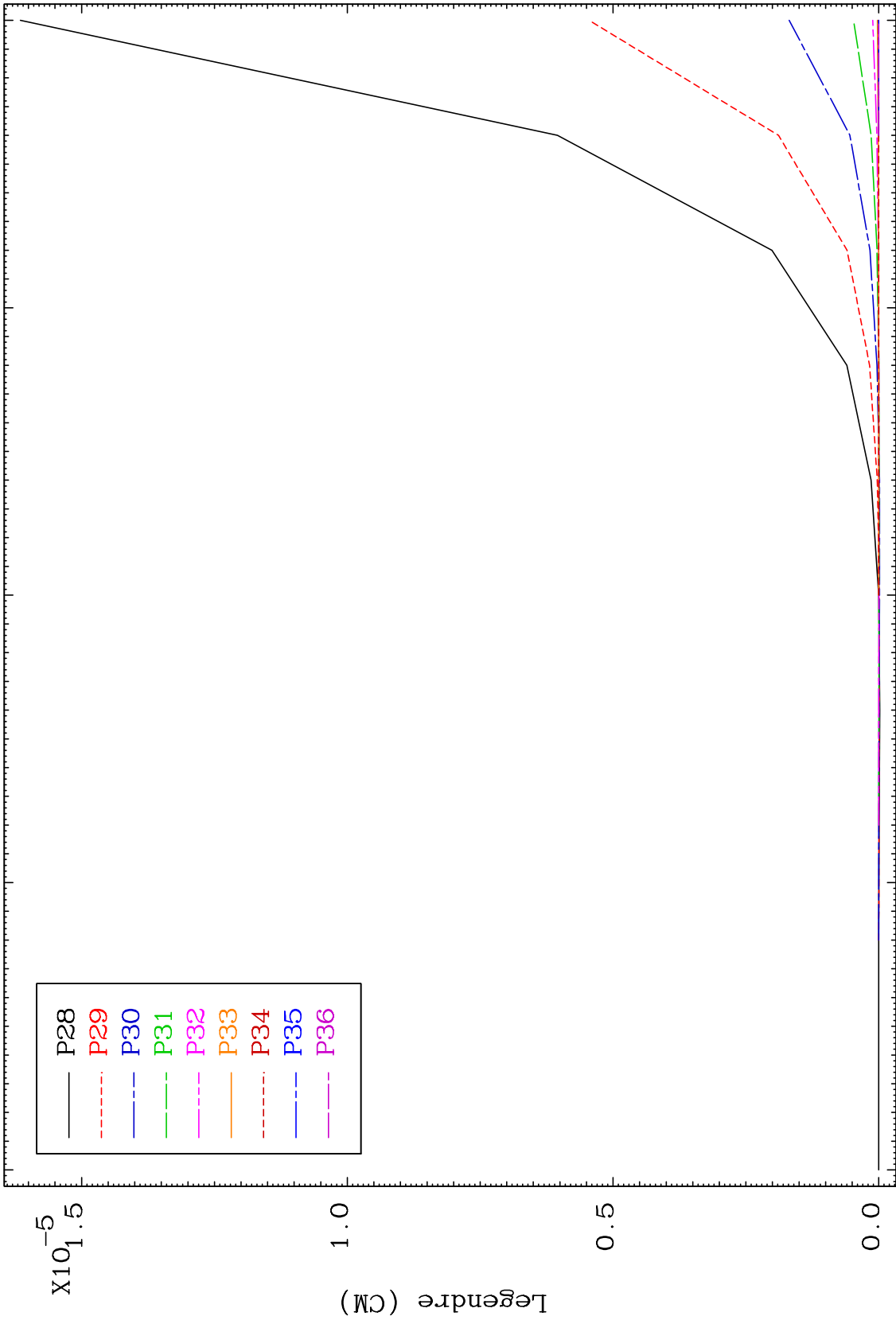
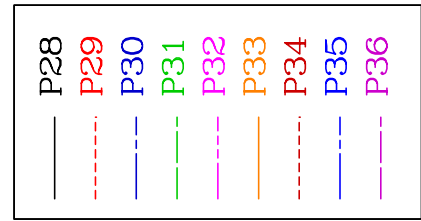
Incident Energy (MeV)

85-At-211

MAT 8549

Elastic Legendre Coefficients

85-At-211



19

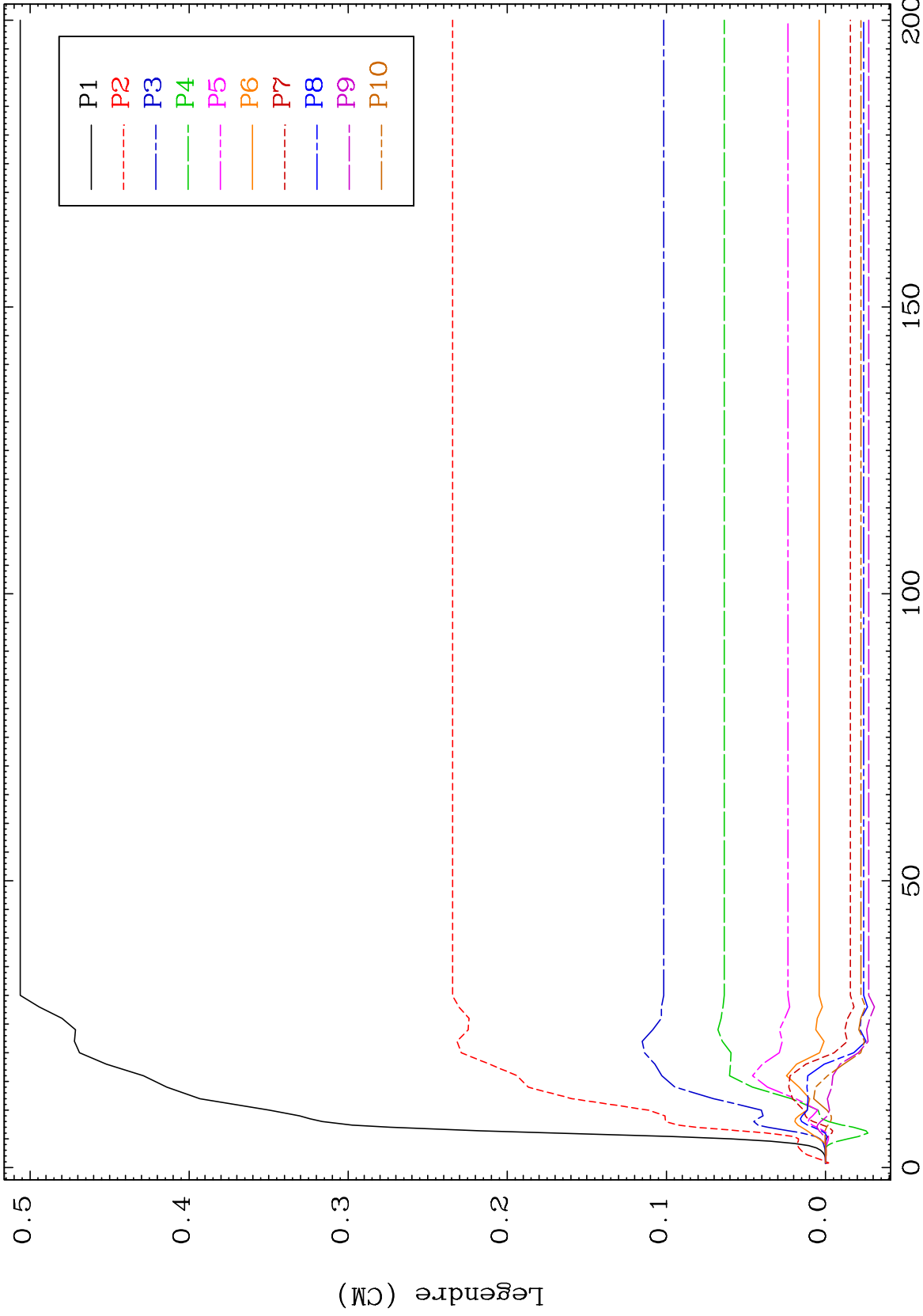
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



20

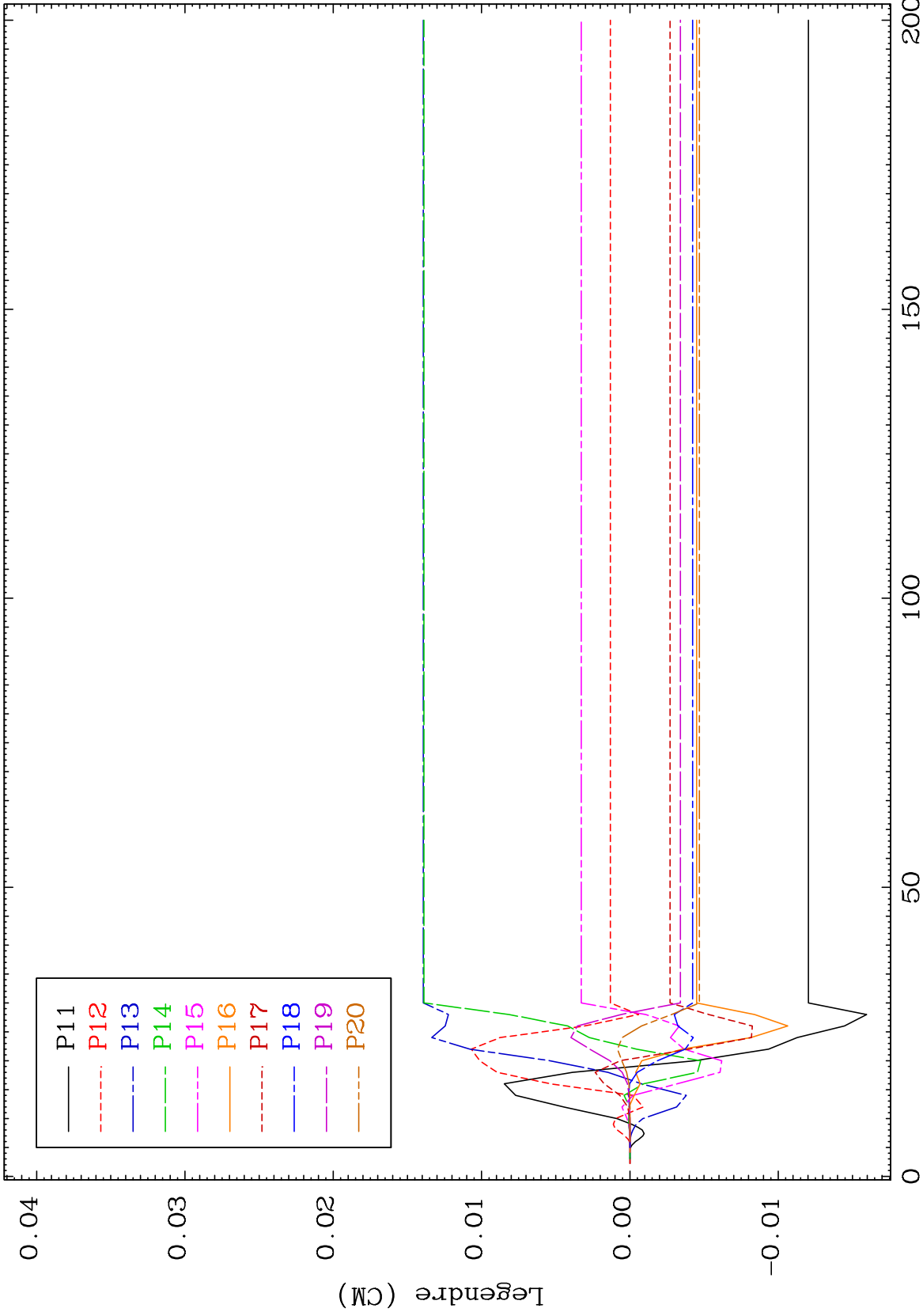
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



21

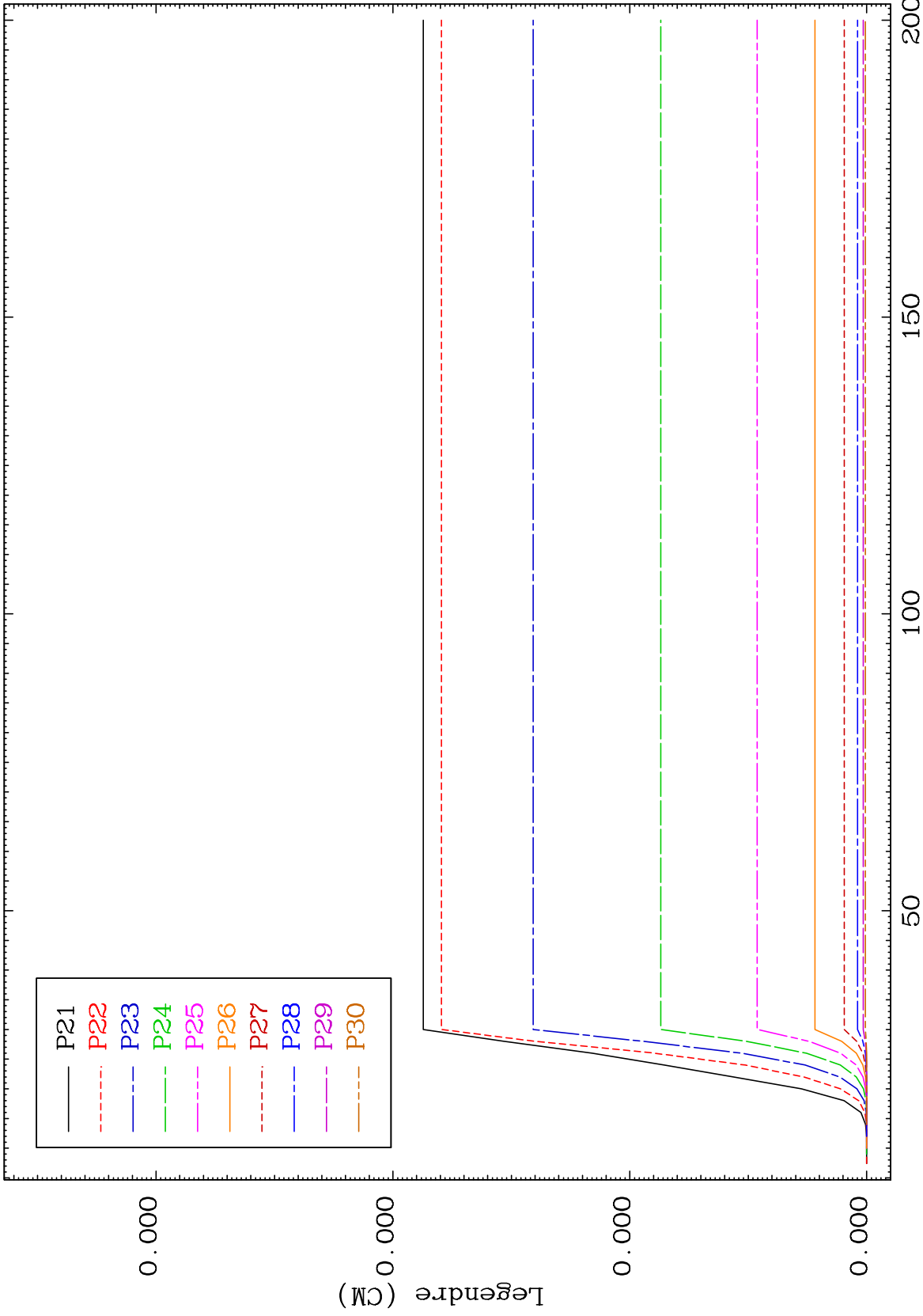
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



22

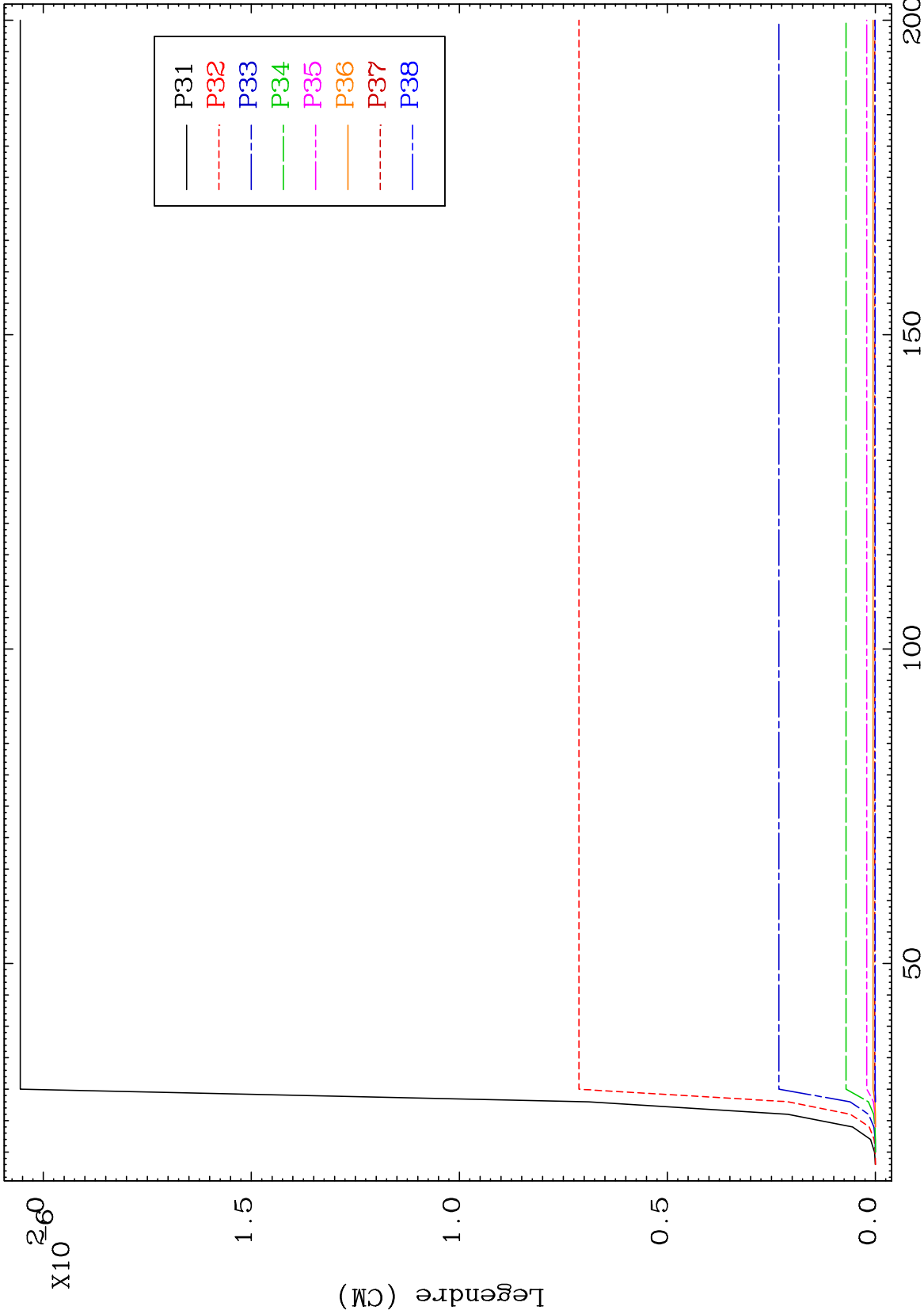
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



23

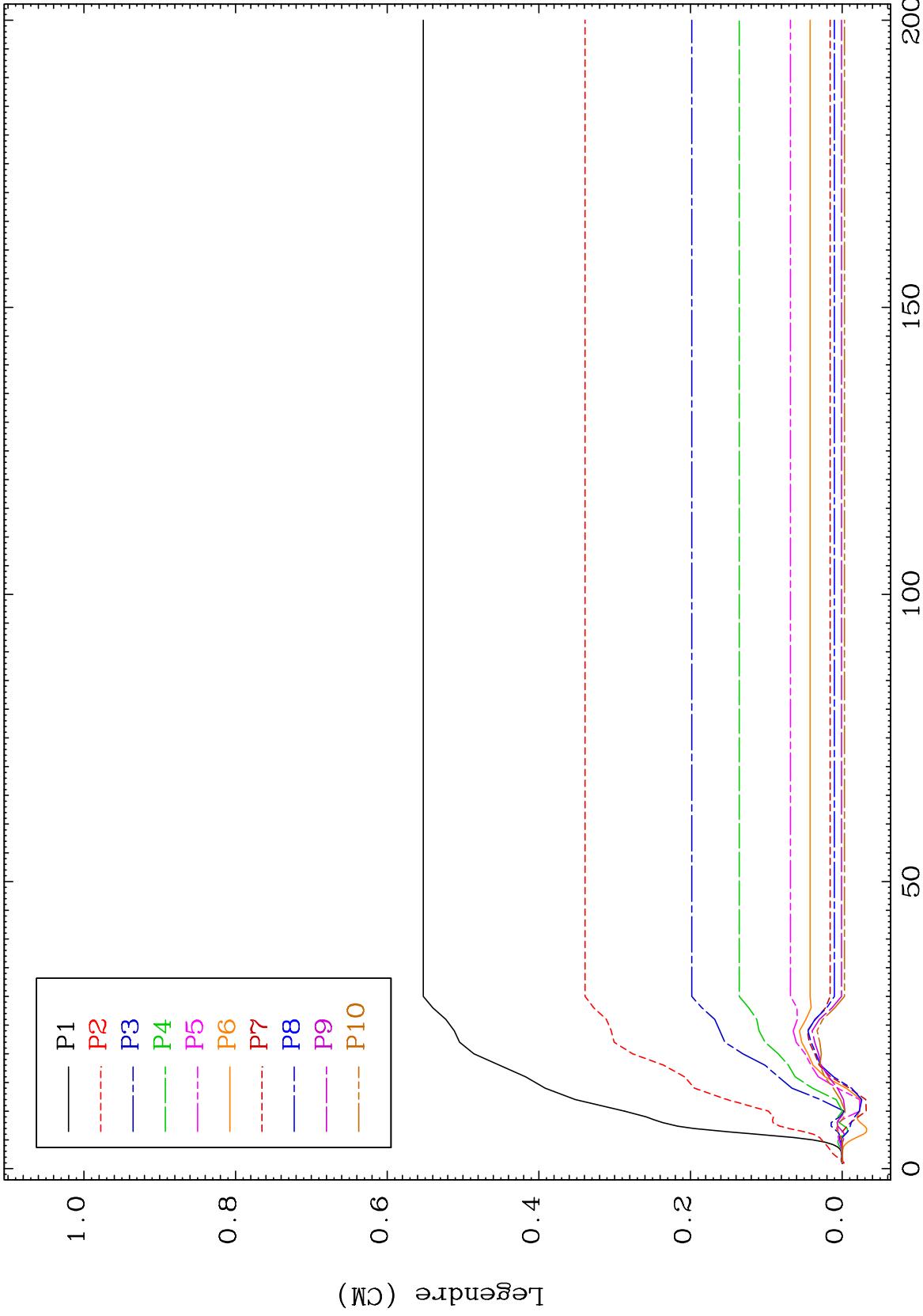
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



24

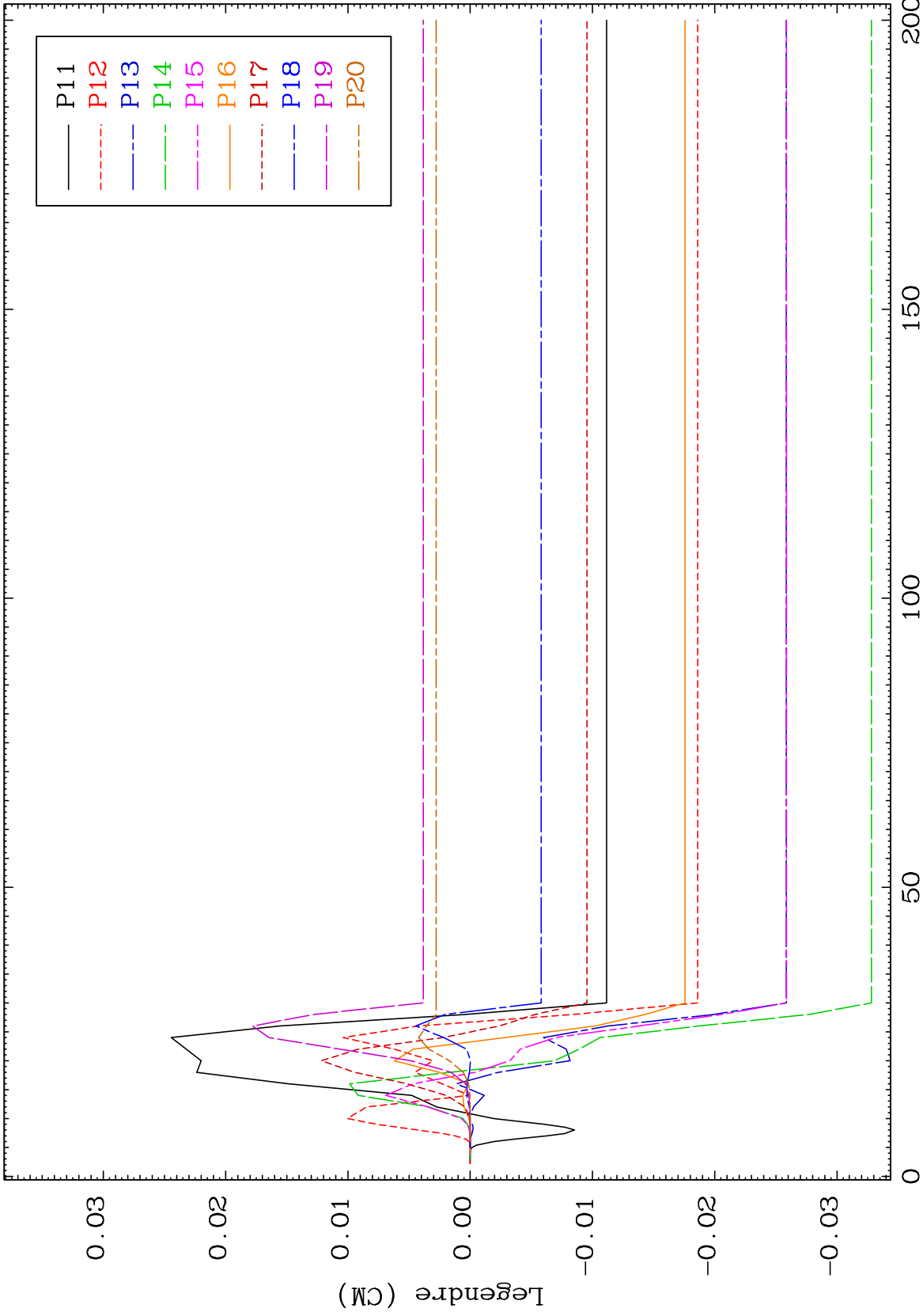
Incident Energy (MeV)

85-At-211

MAT 8549

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

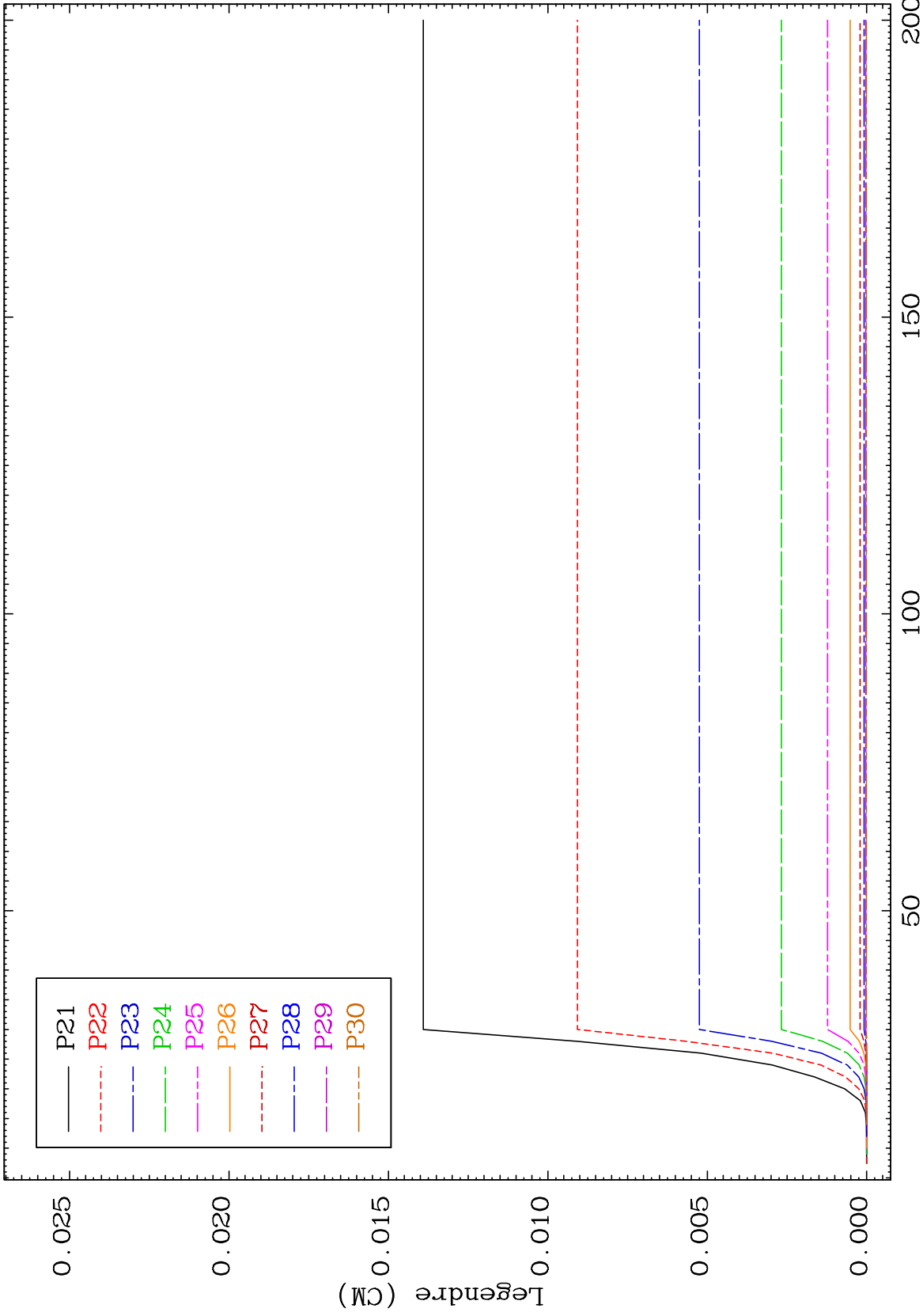
85-At-211



25

Incident Energy (MeV)

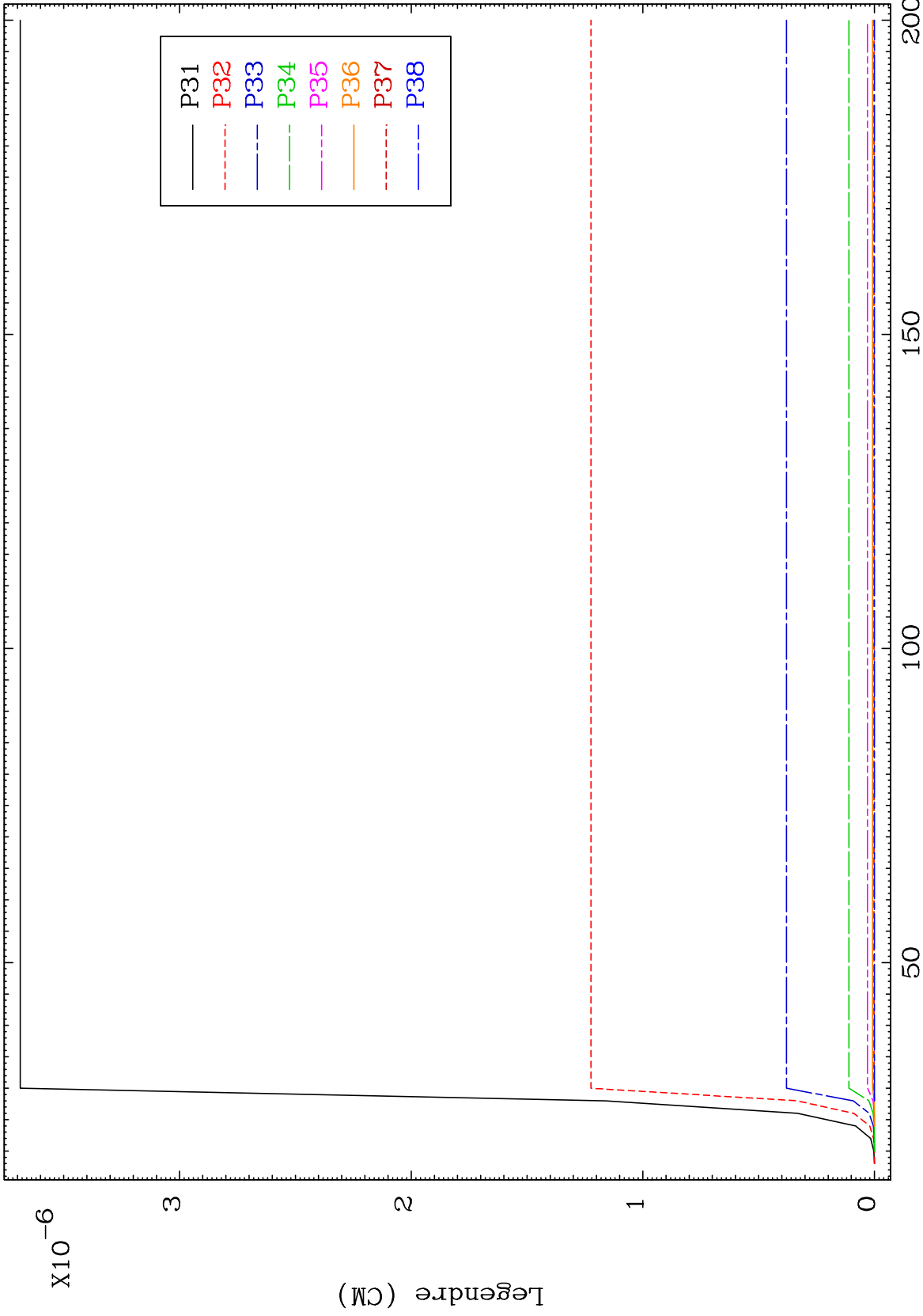
85-At-211



MAT 8549

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

85-At-211



27

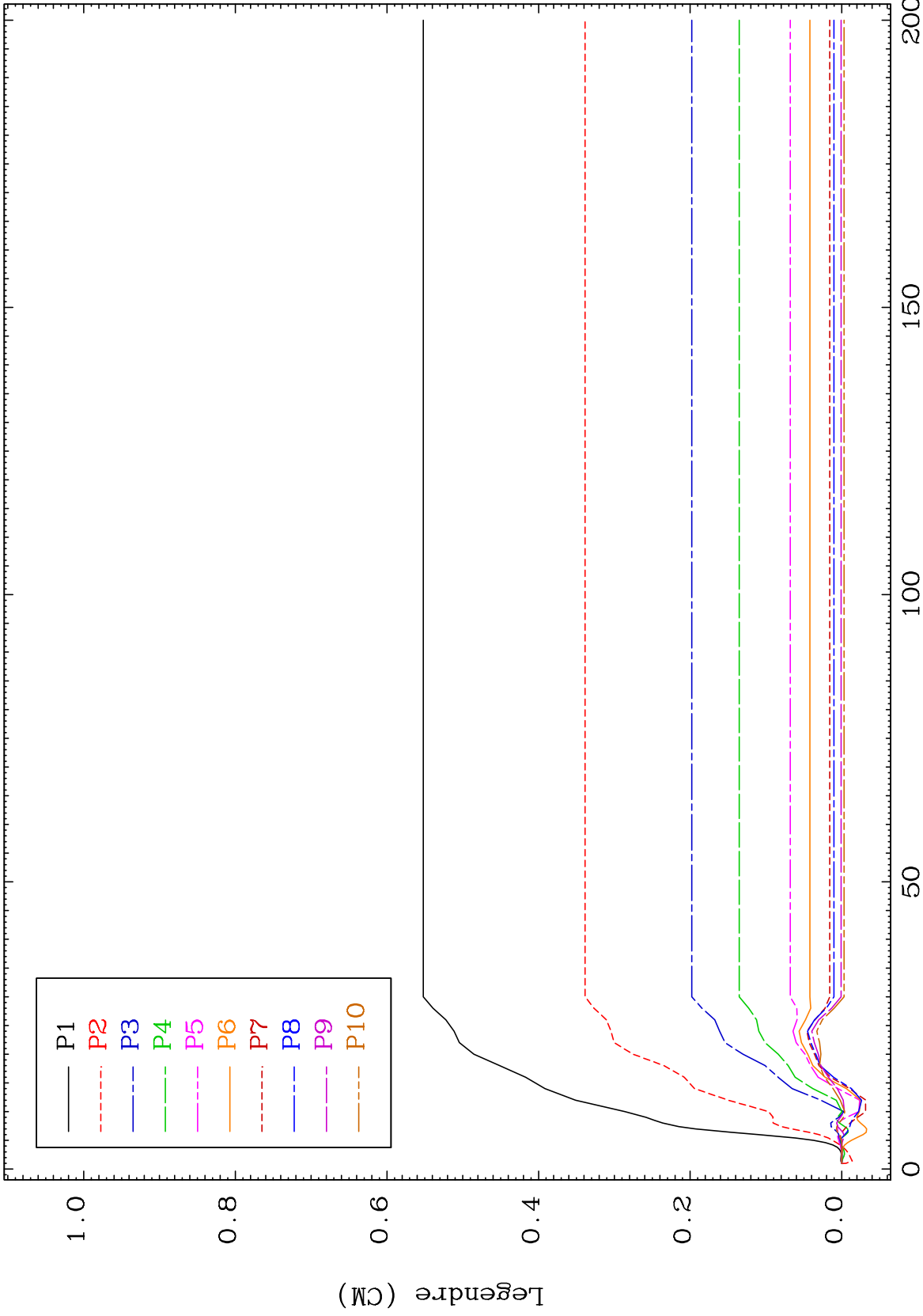
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



28

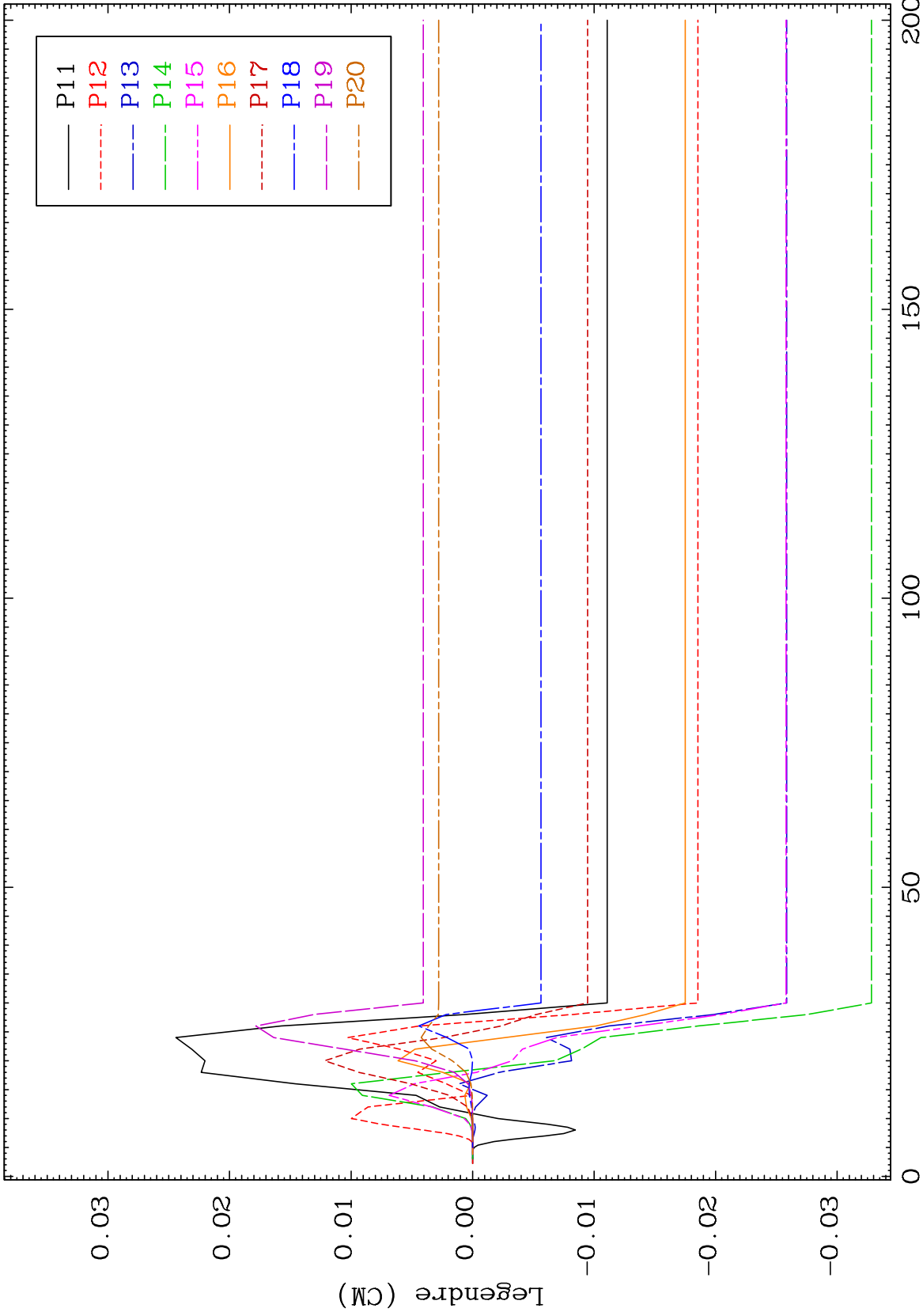
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



29

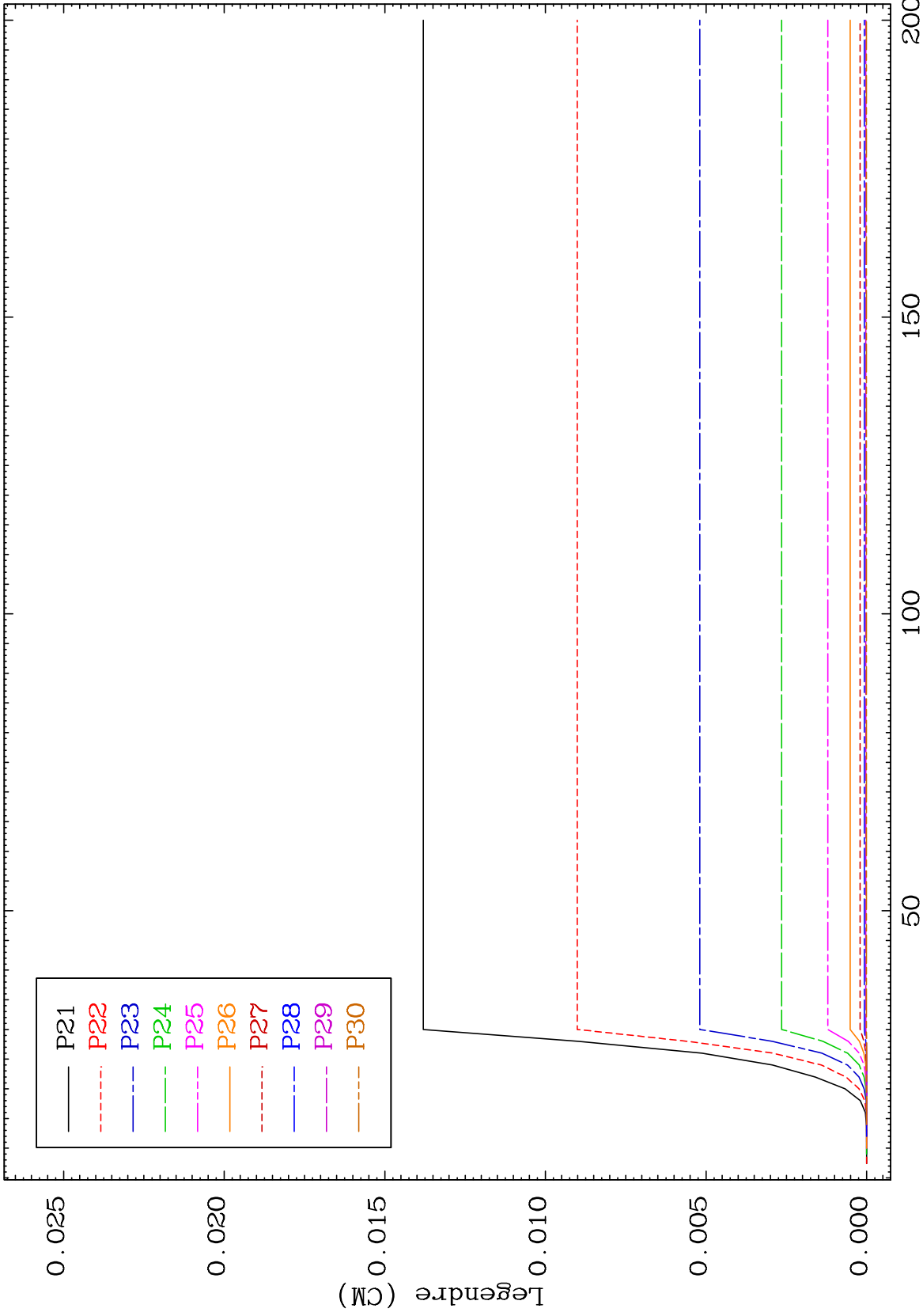
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



30

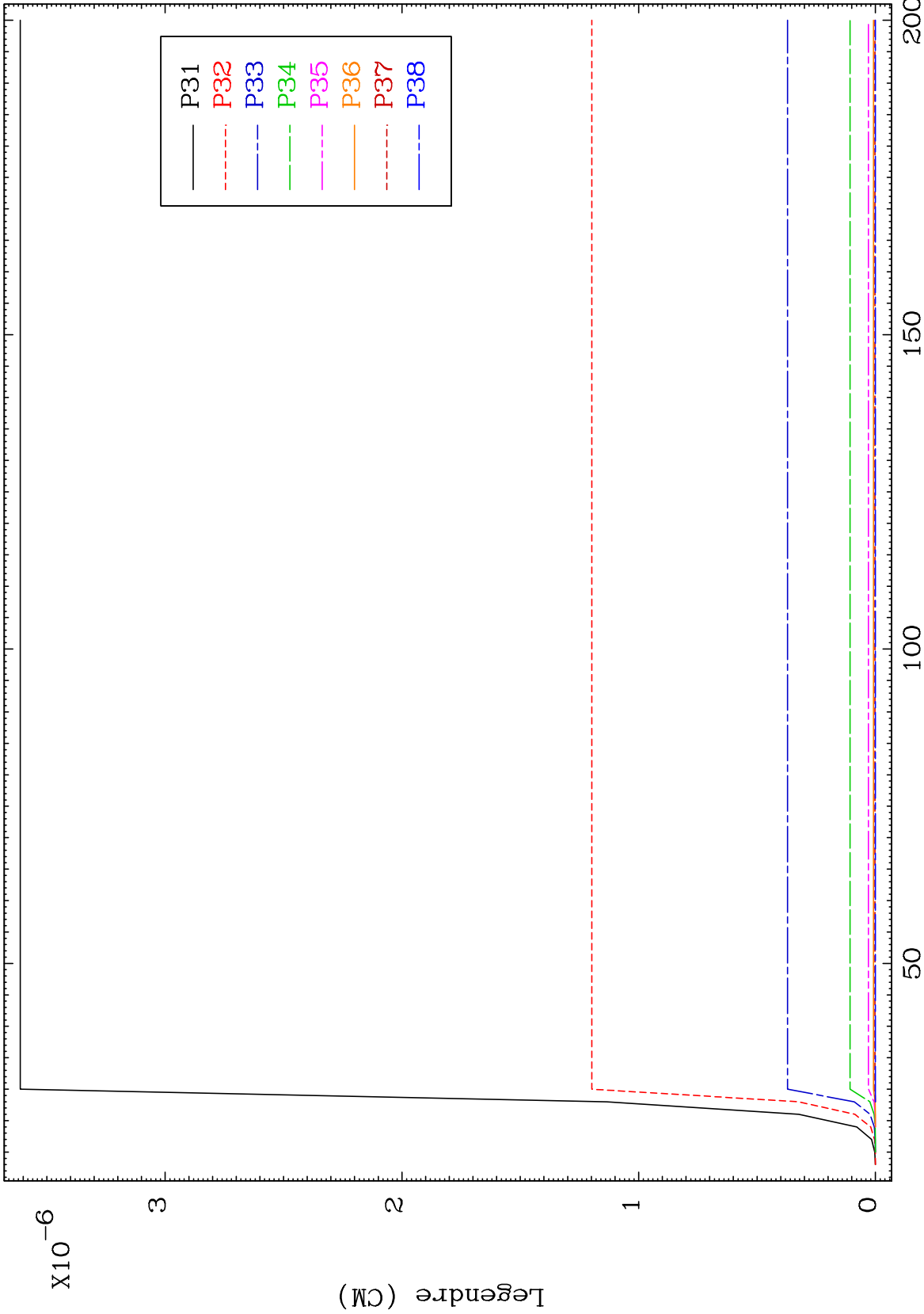
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



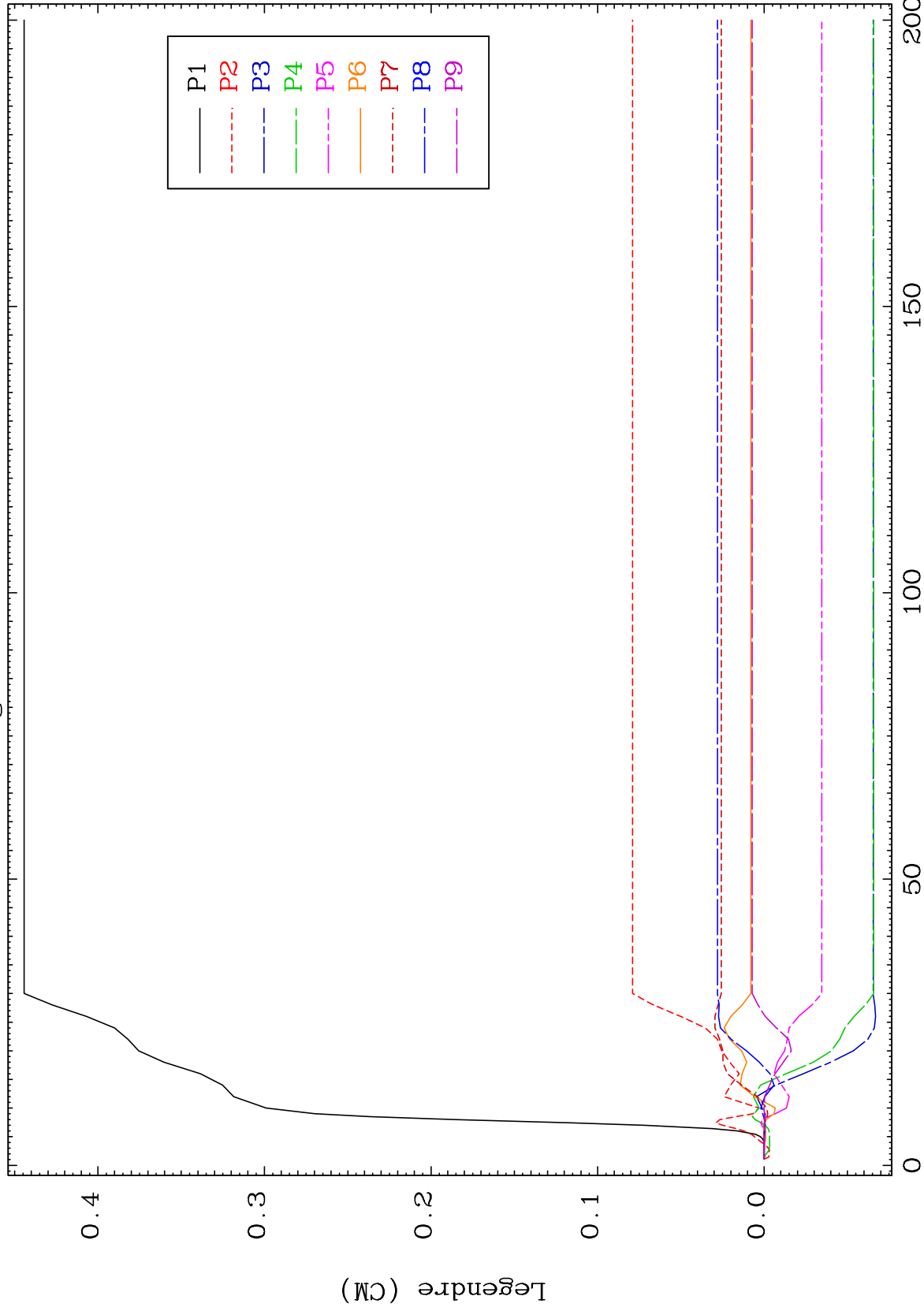
31

85-At-211

MAT 8549

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

85-At-211



32

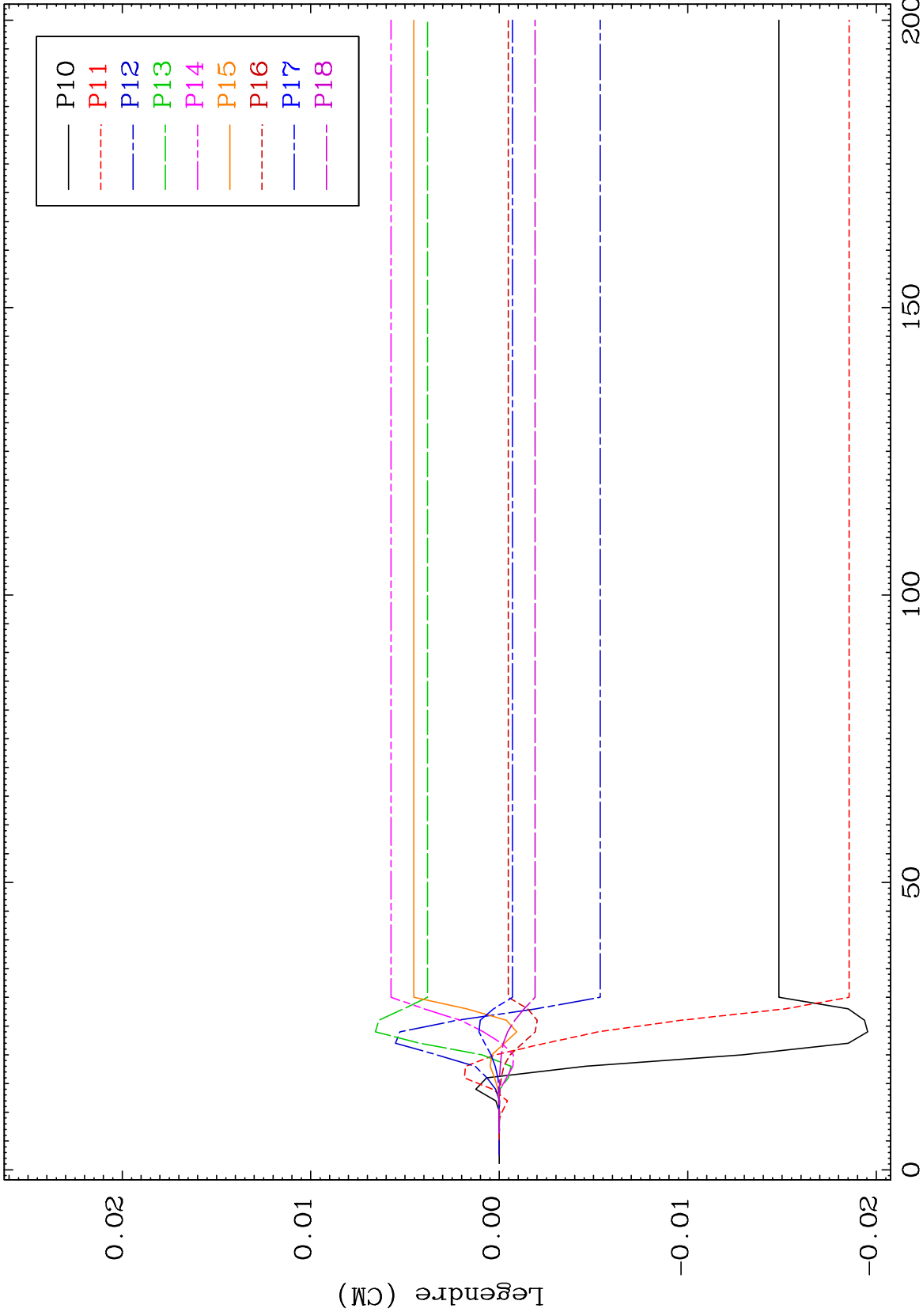
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



33

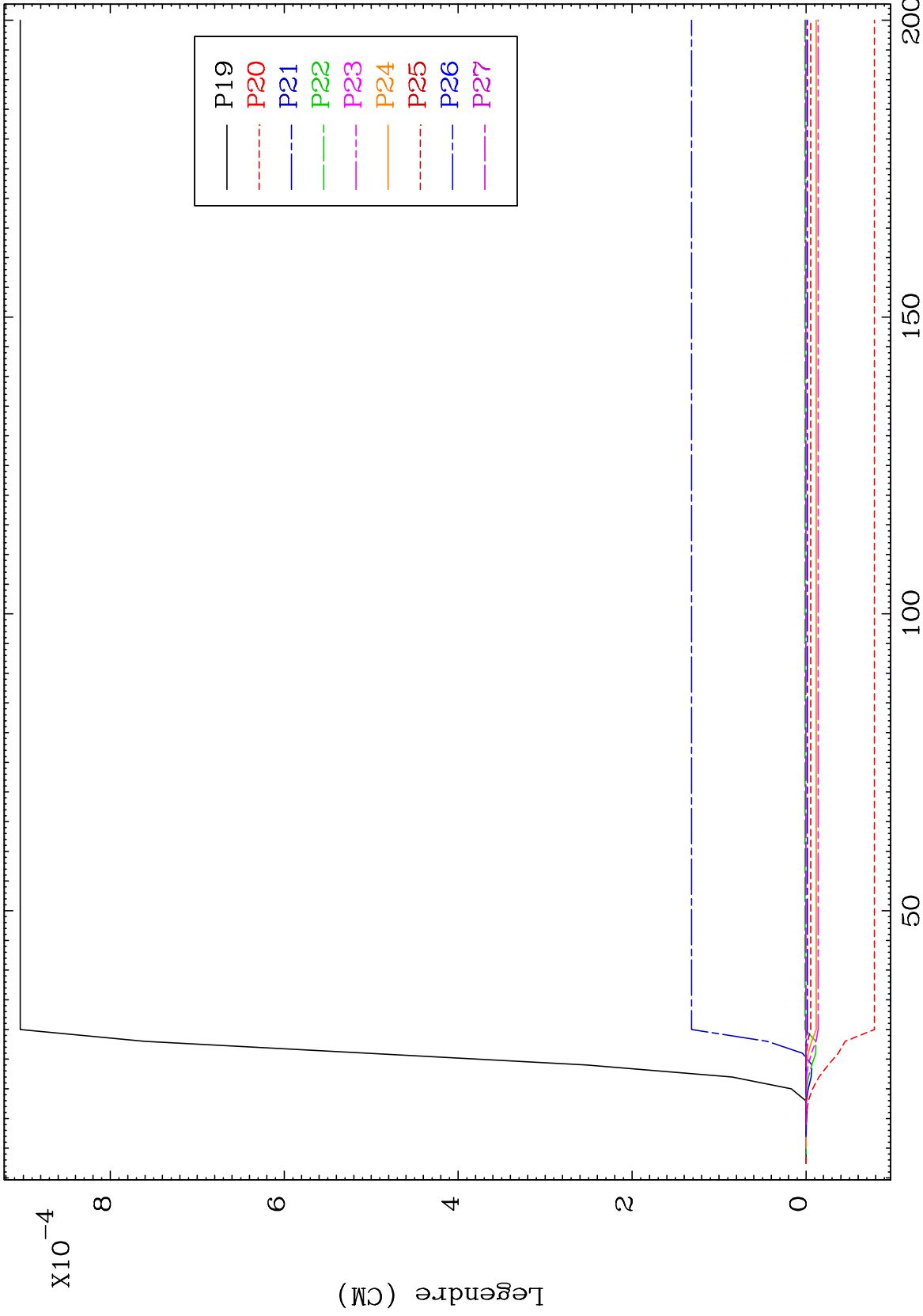
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



34

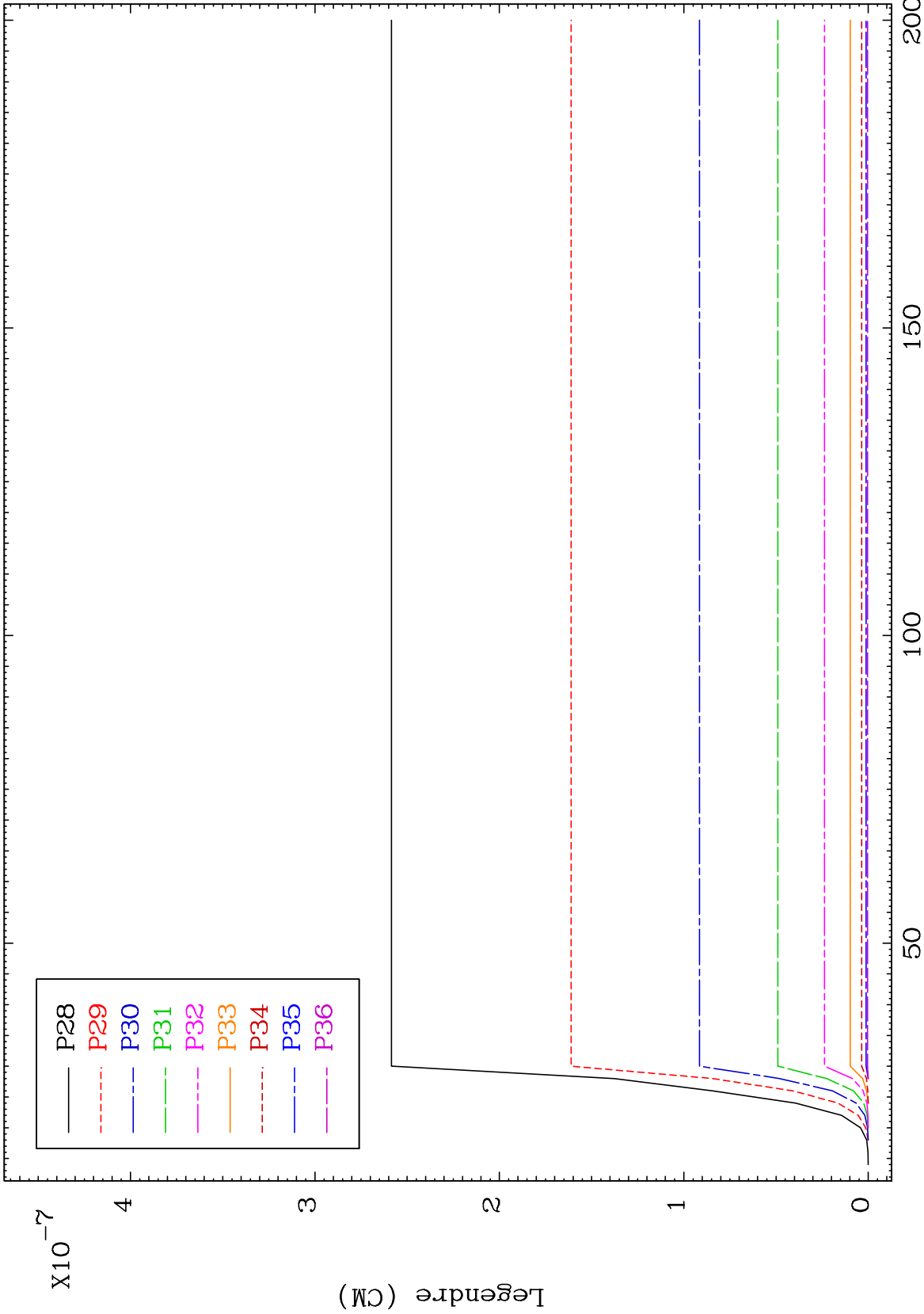
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



35

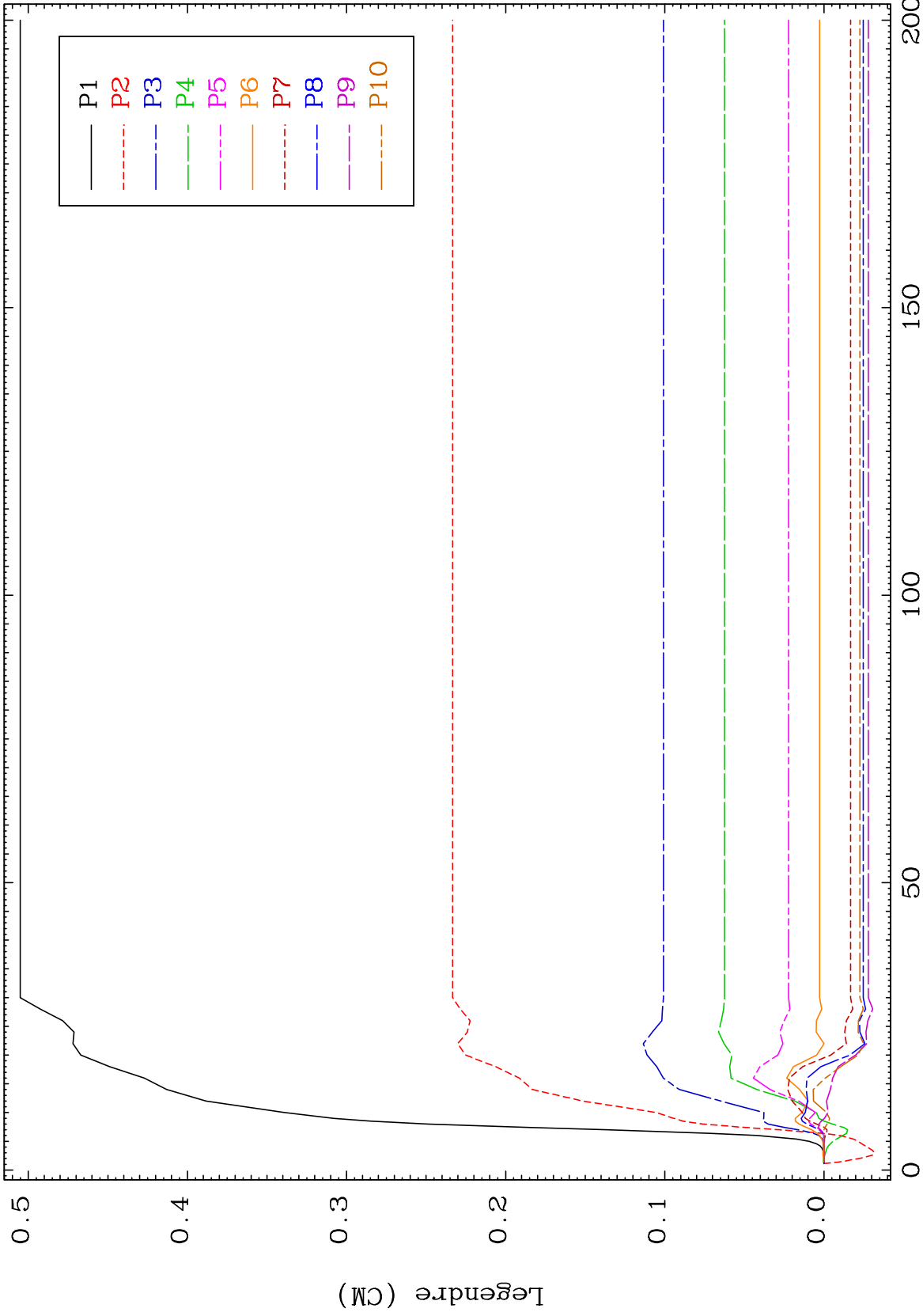
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



36

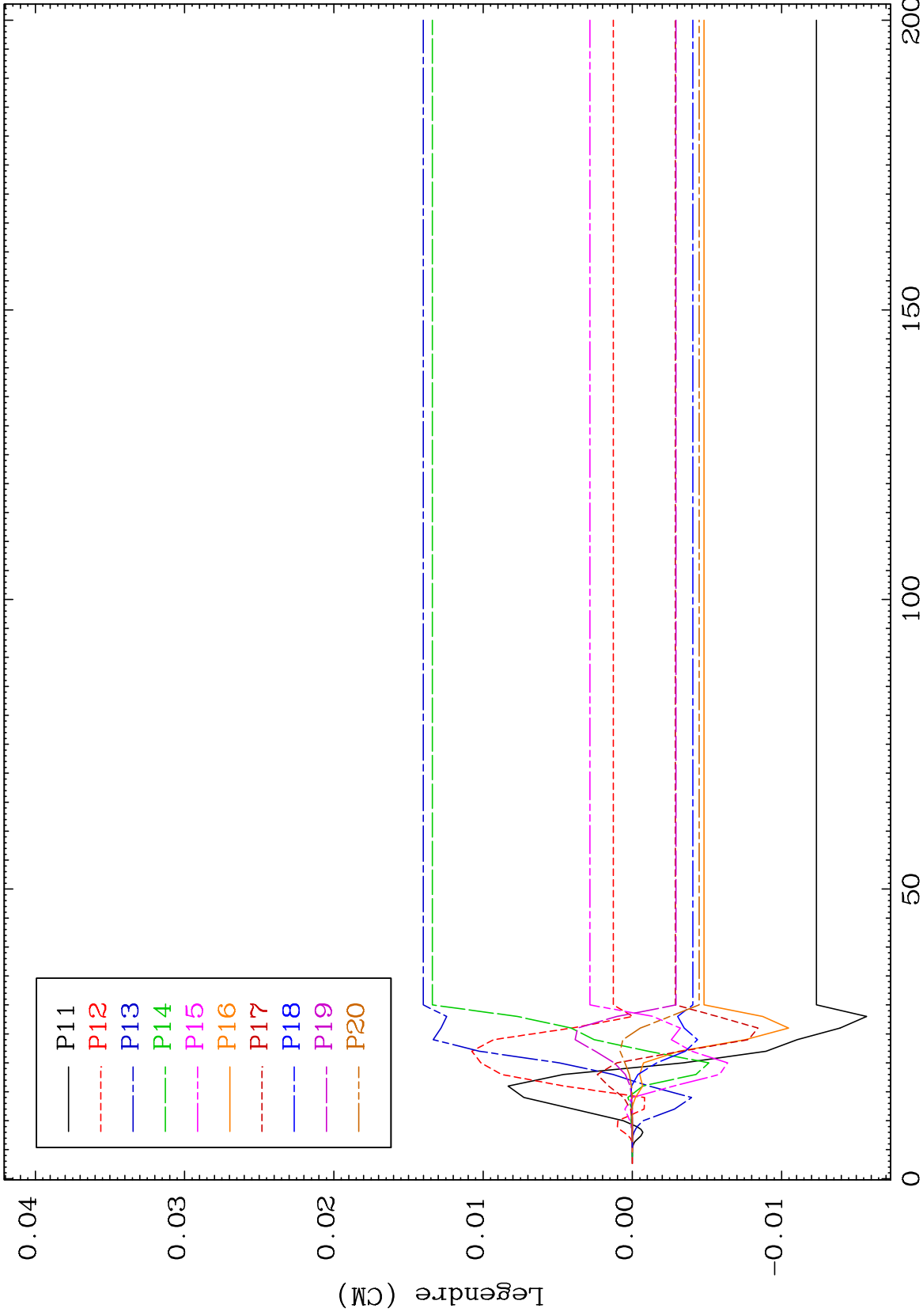
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



37

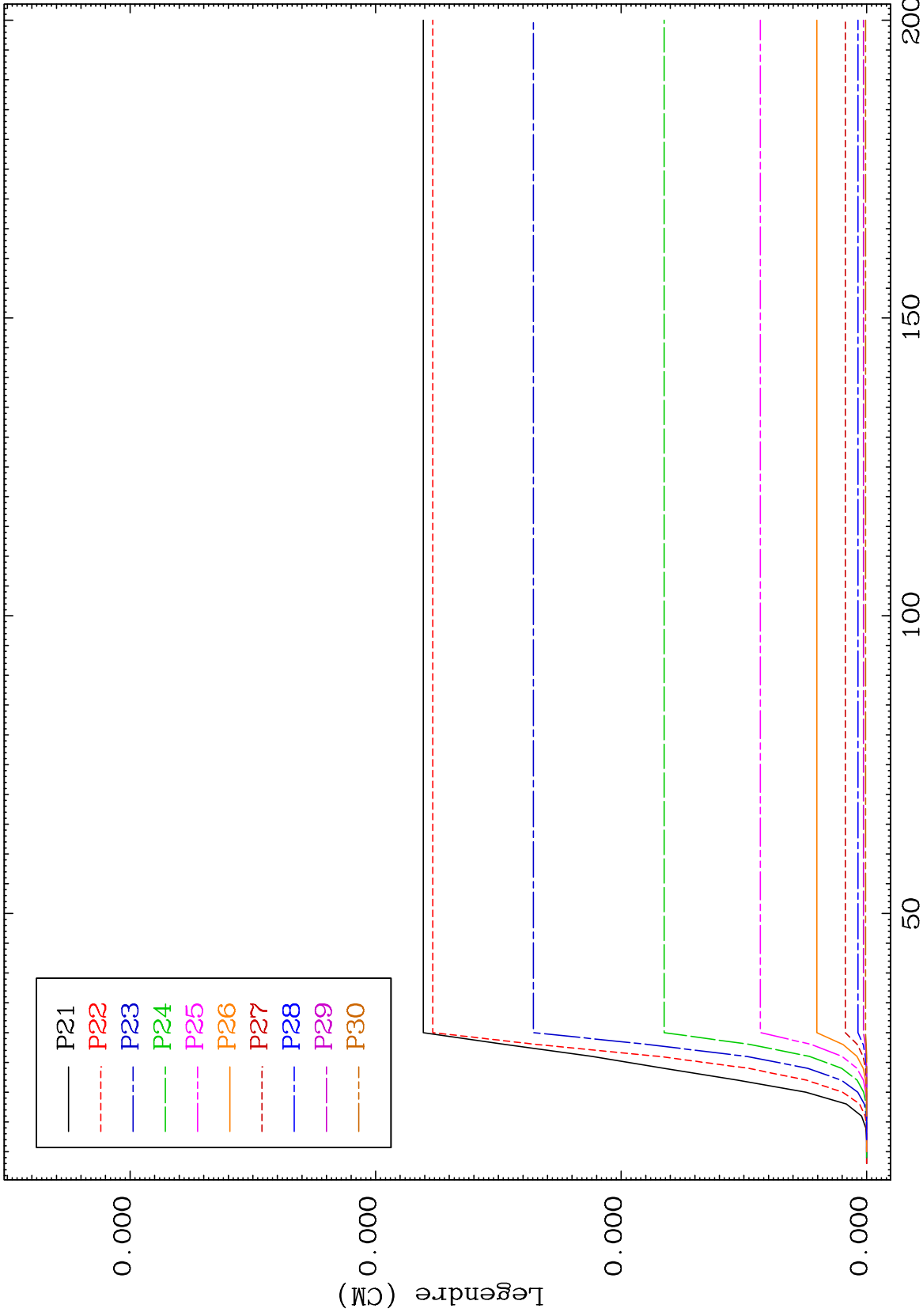
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



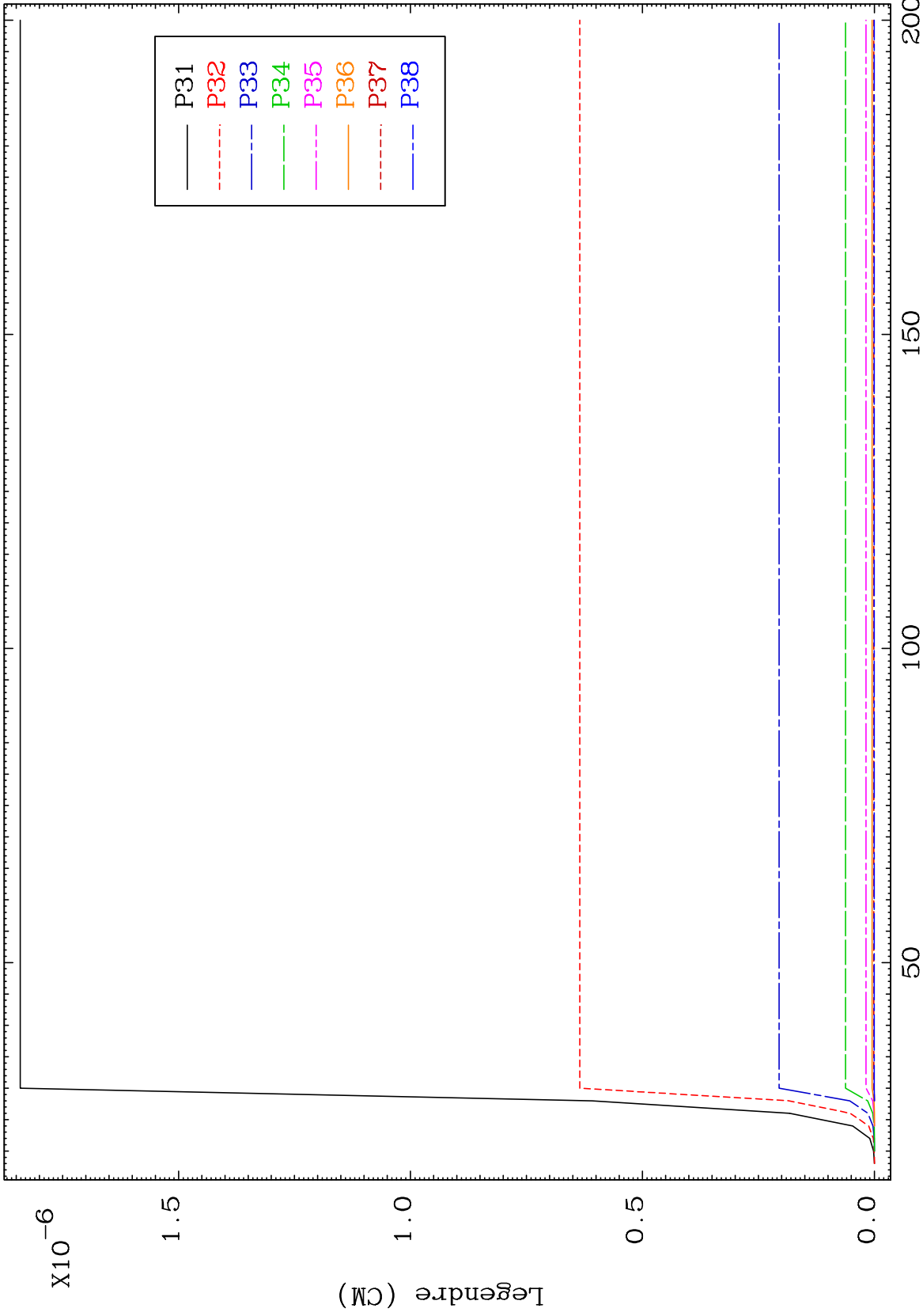
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85-At-211

MAT 8549

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

85-At-211



39

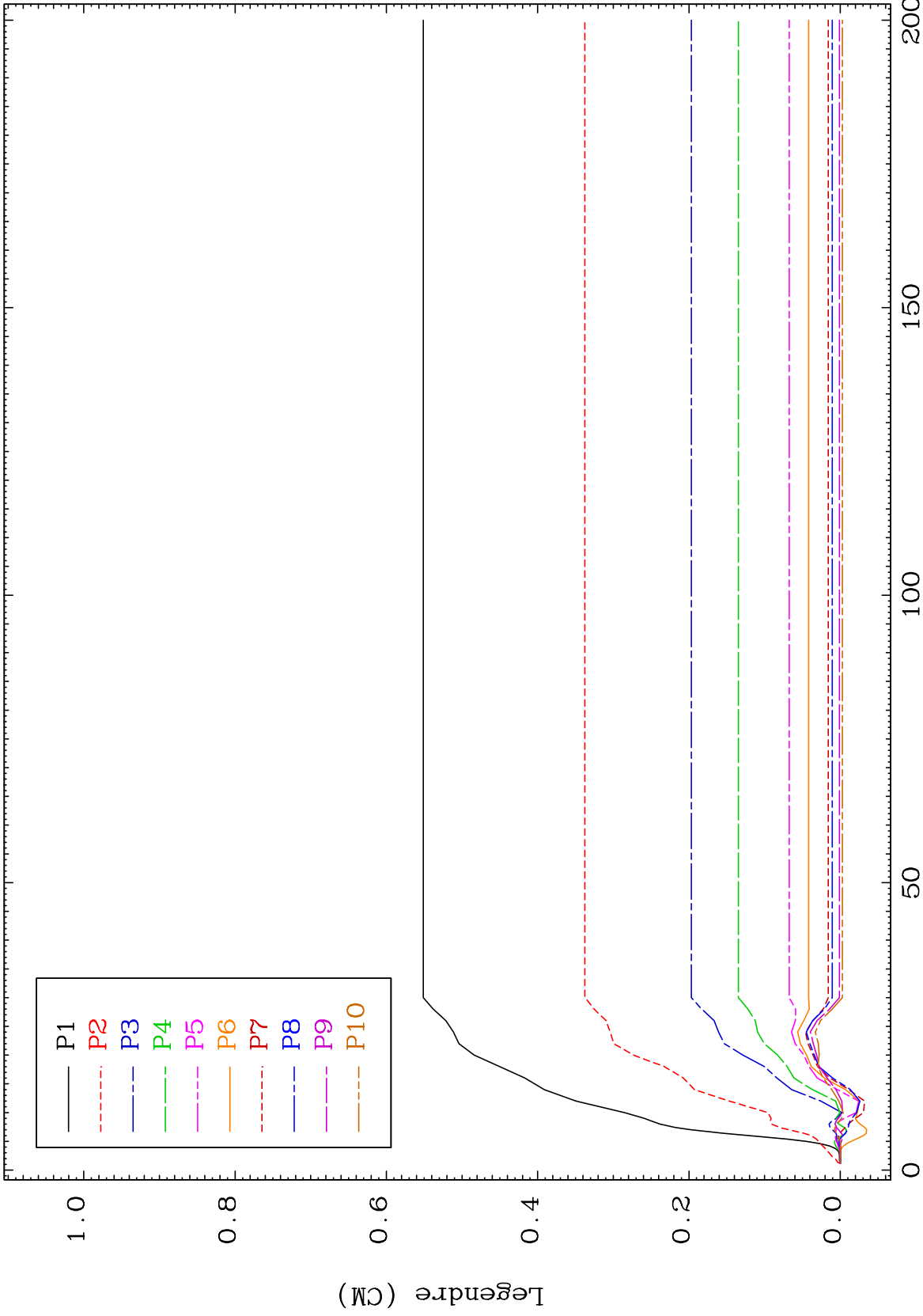
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



40

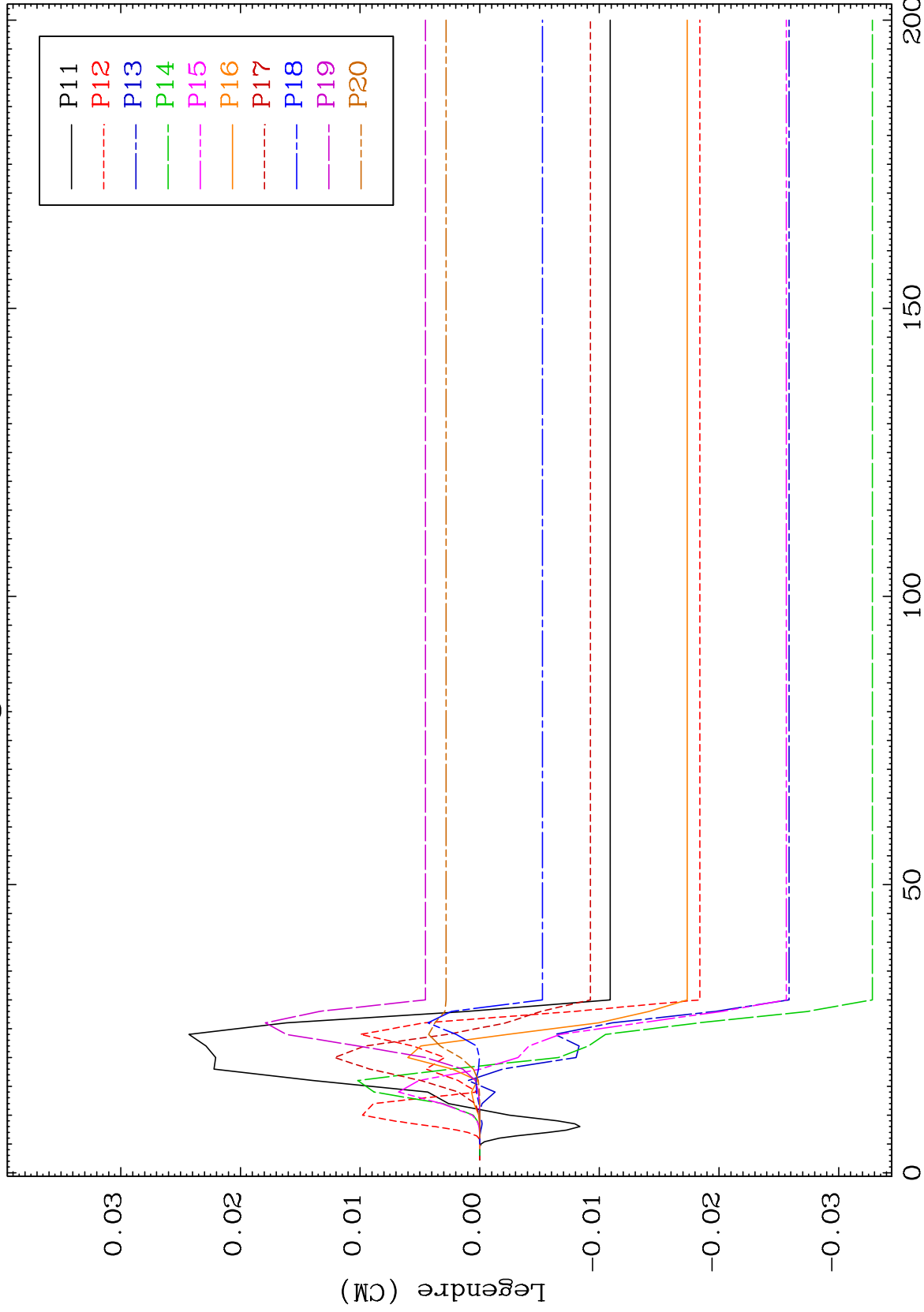
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



41

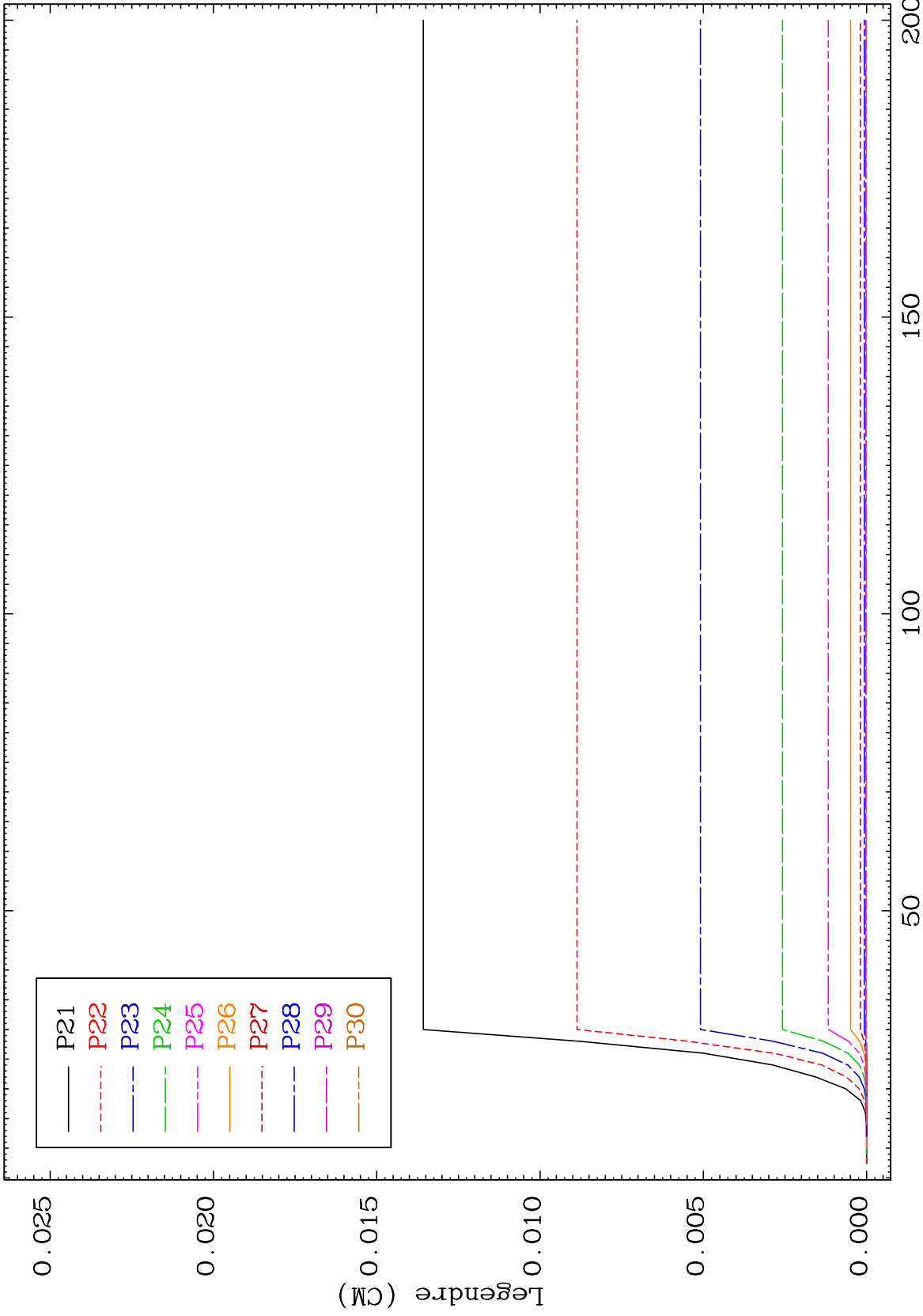
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



42

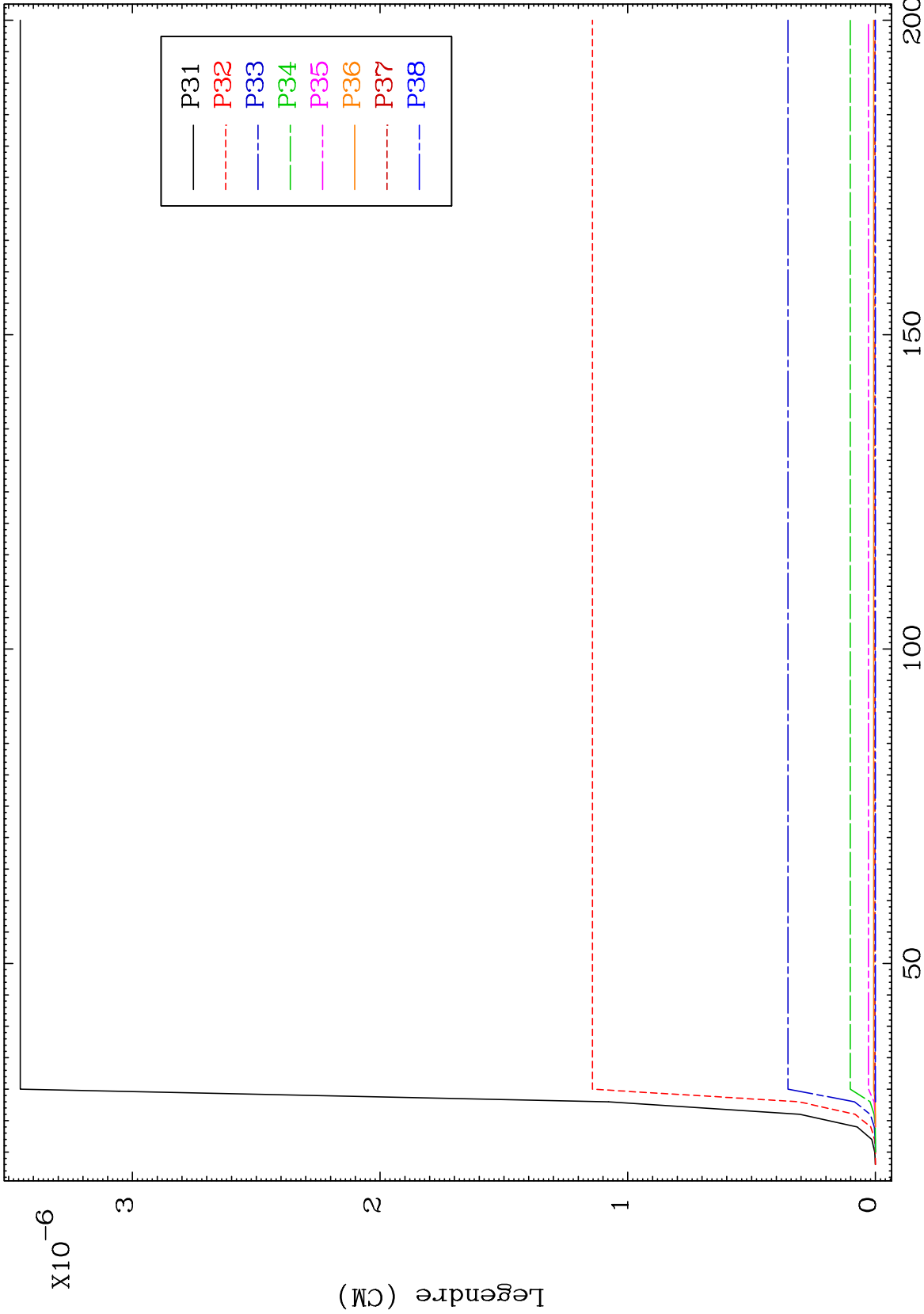
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



43

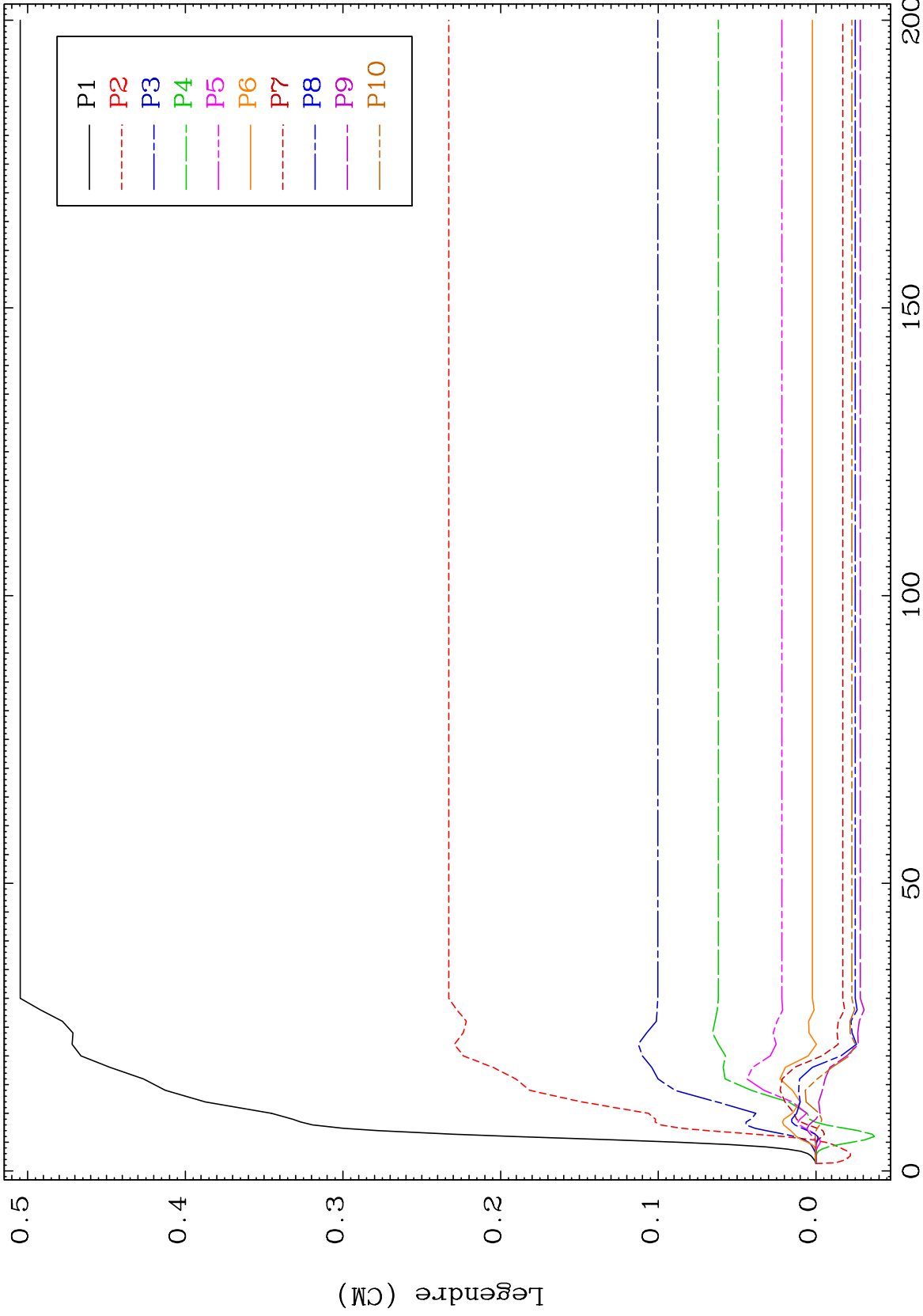
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



44

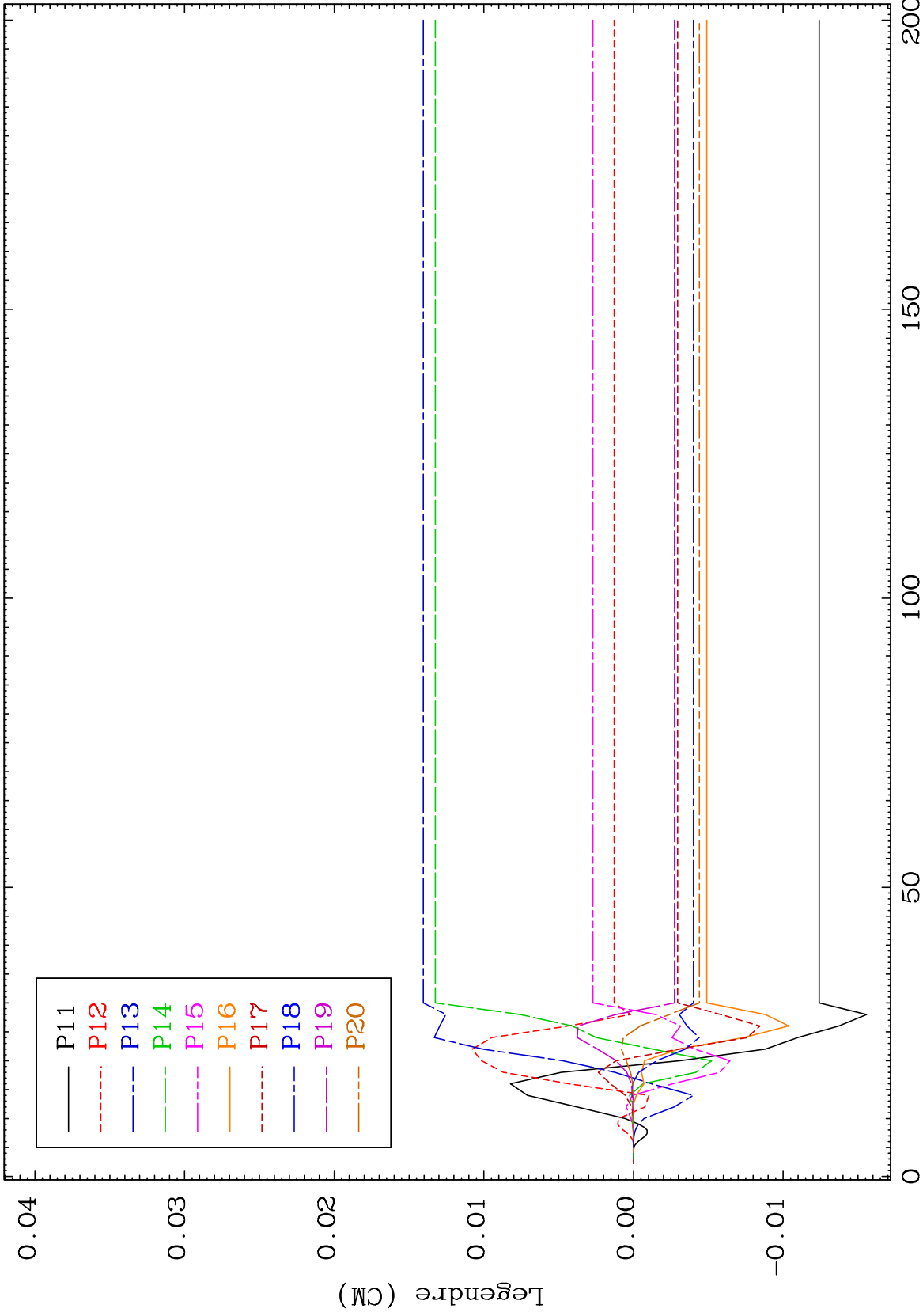
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



45

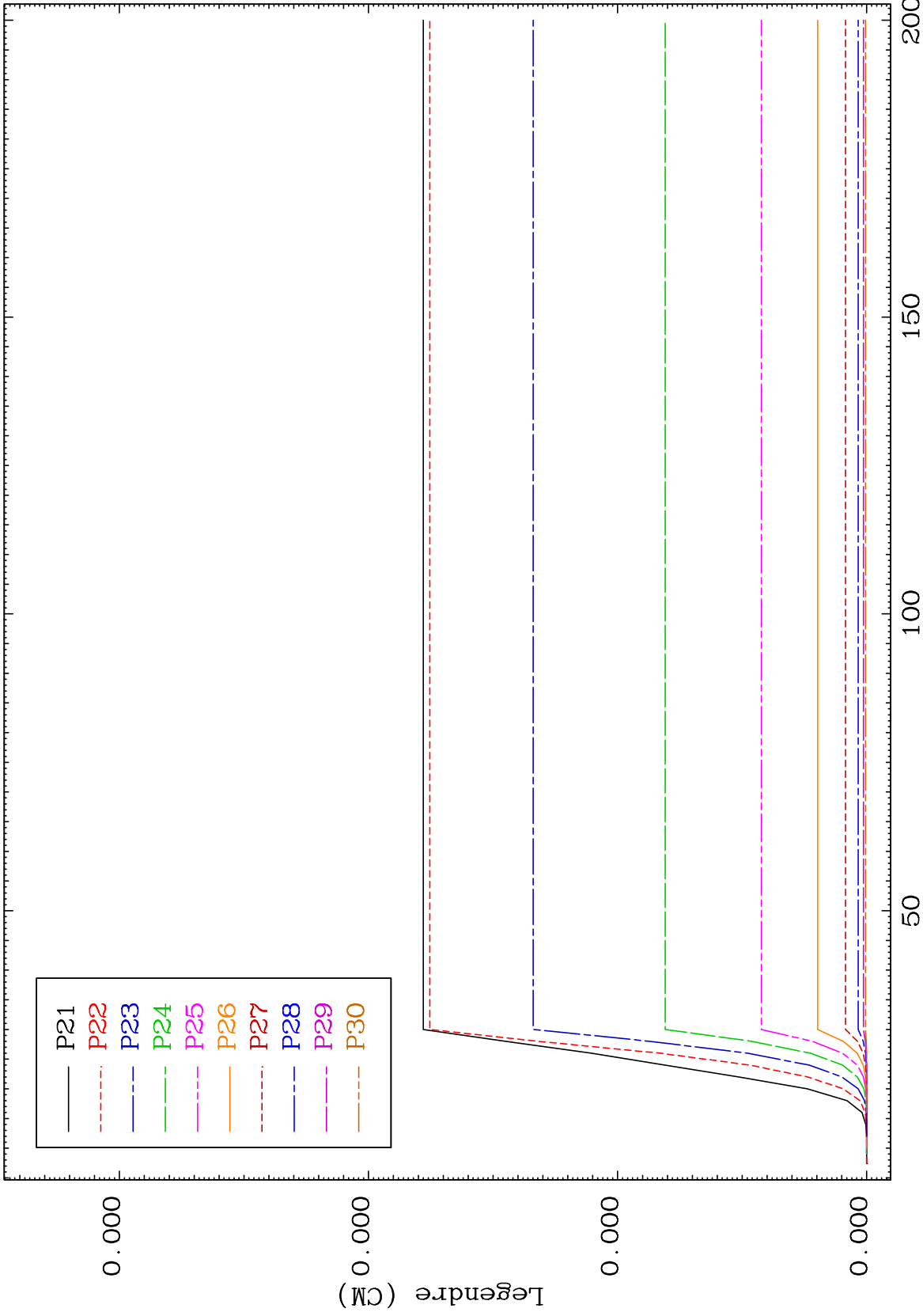
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



46

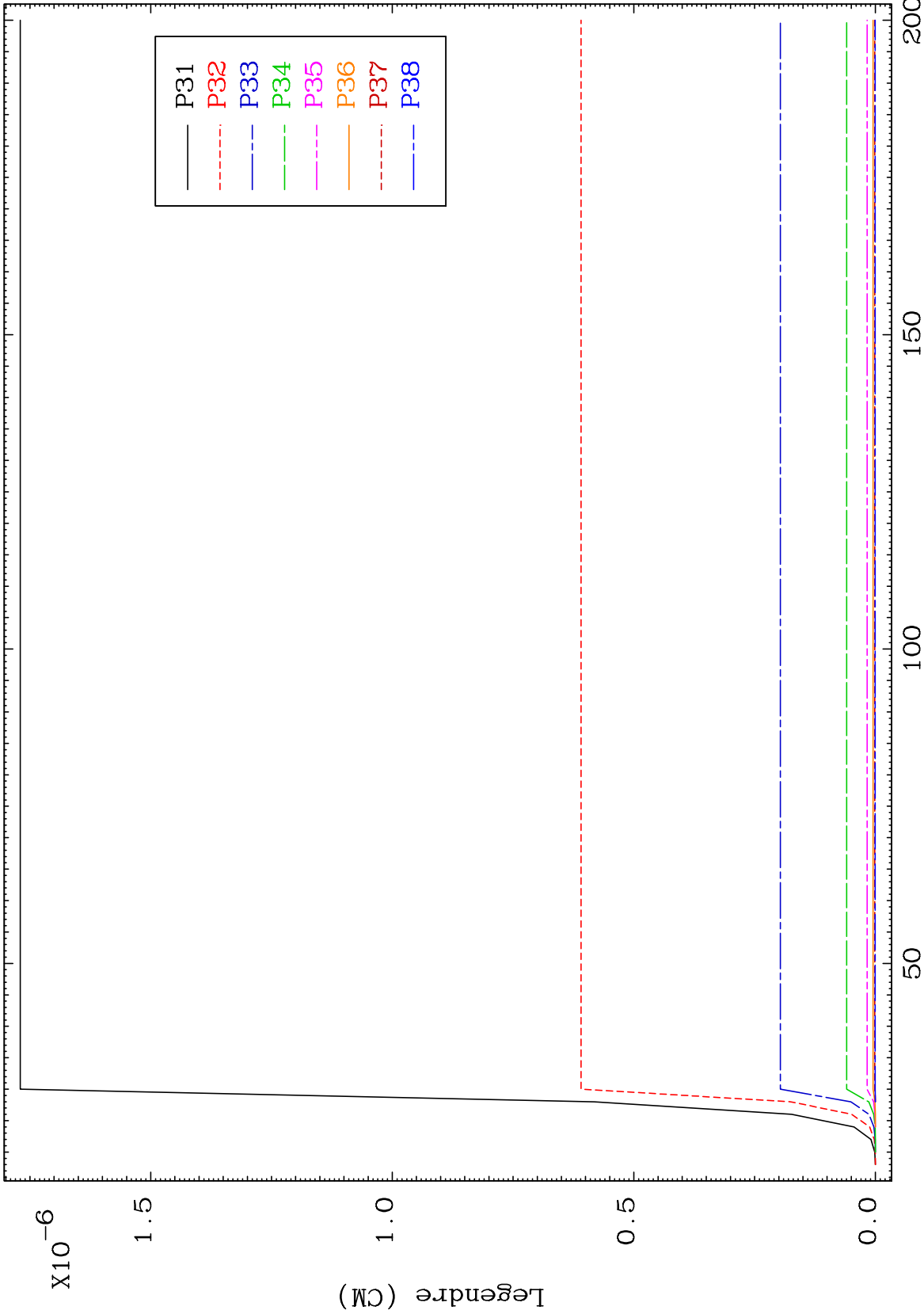
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



47

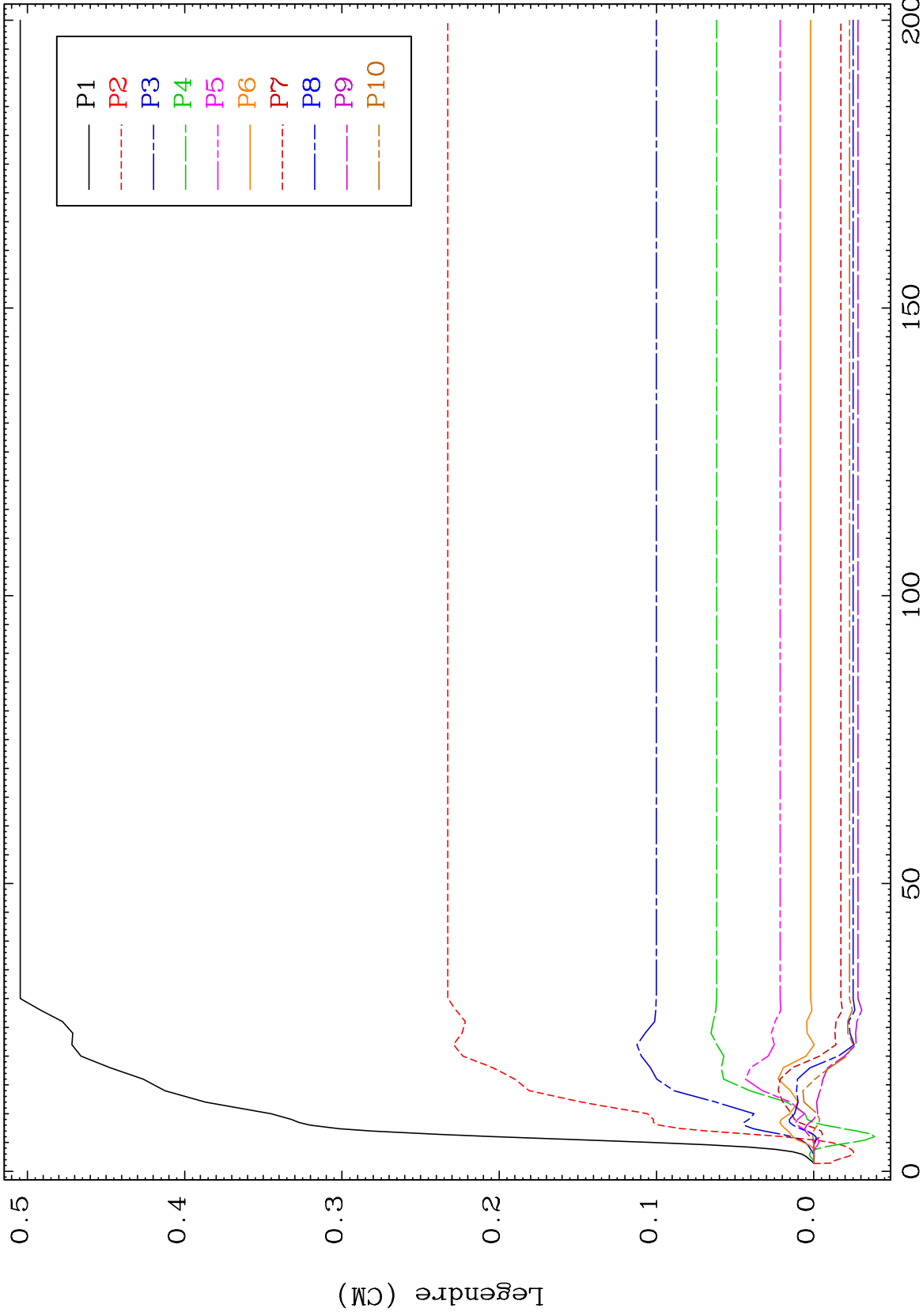
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



48

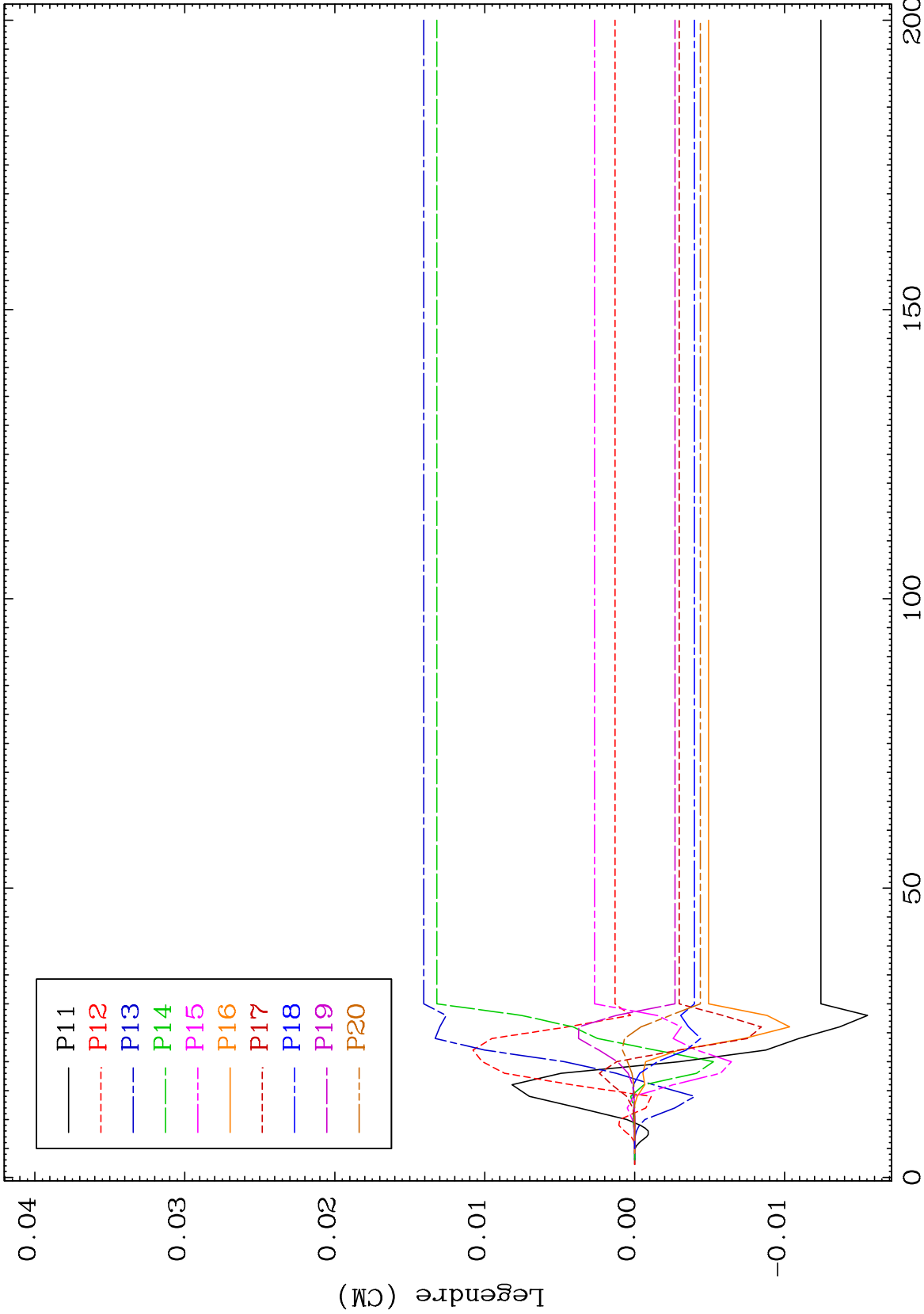
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



49

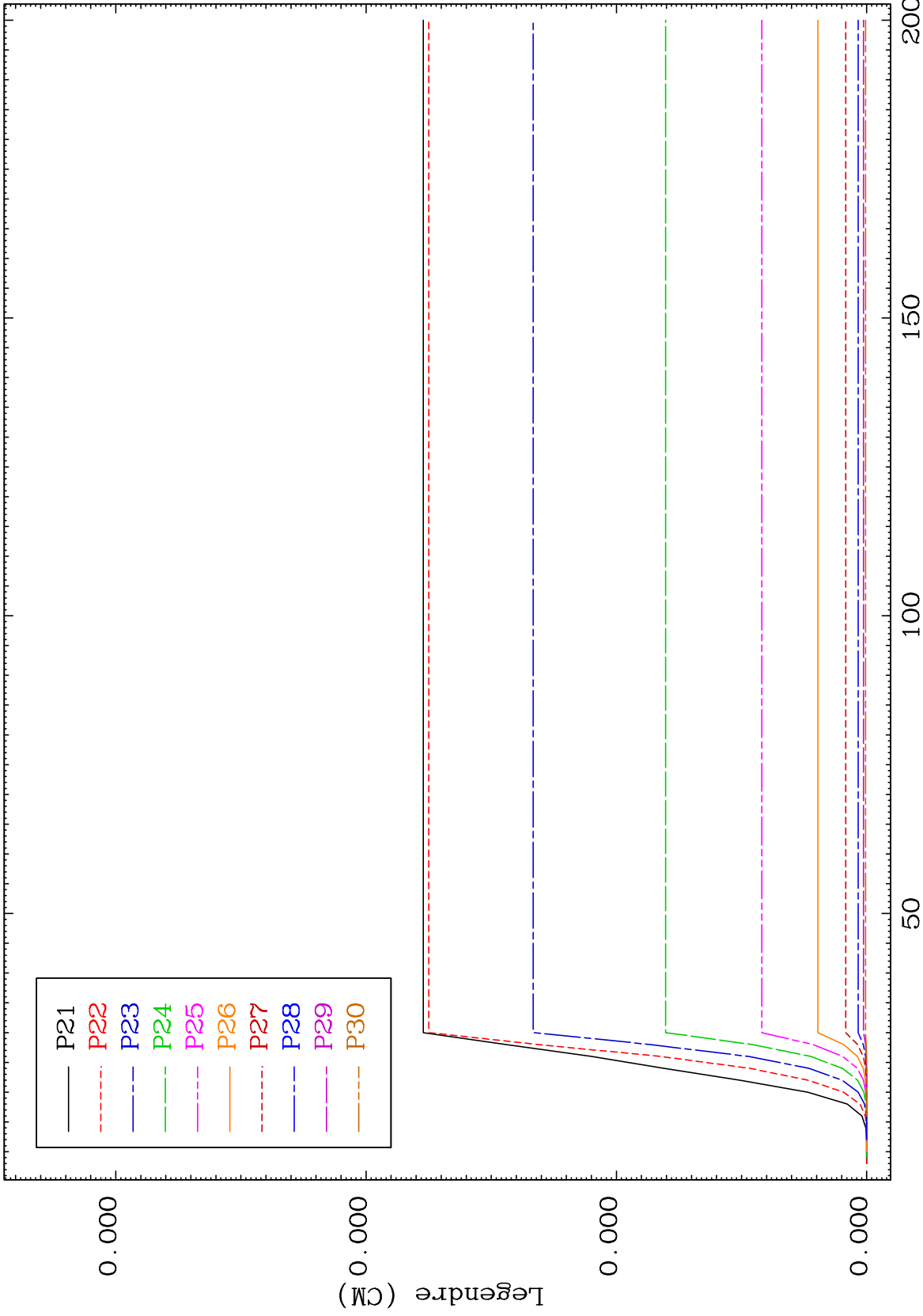
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



50

50

100

150

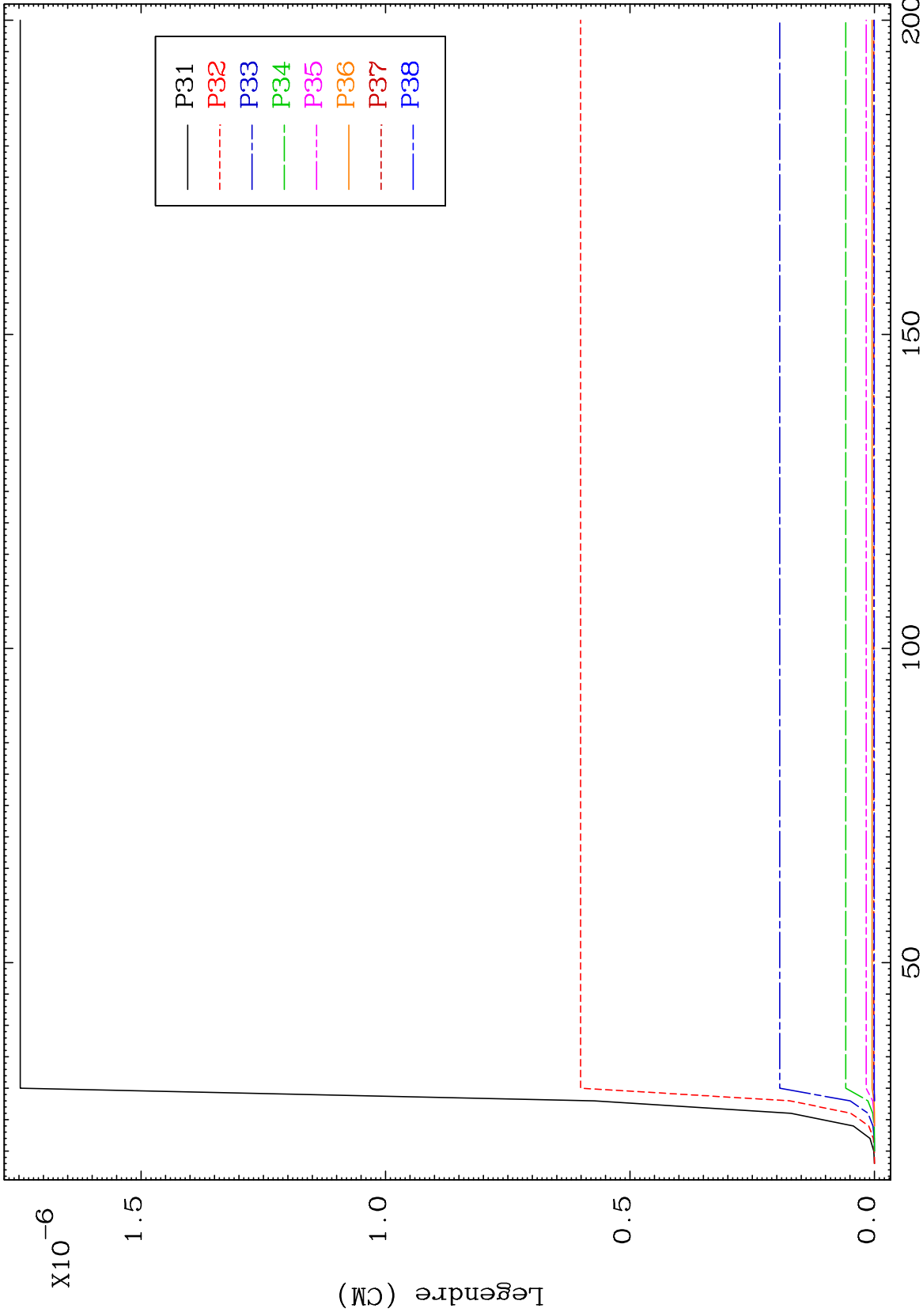
200

85-At-211

MAT 8549

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

85-At-211



51

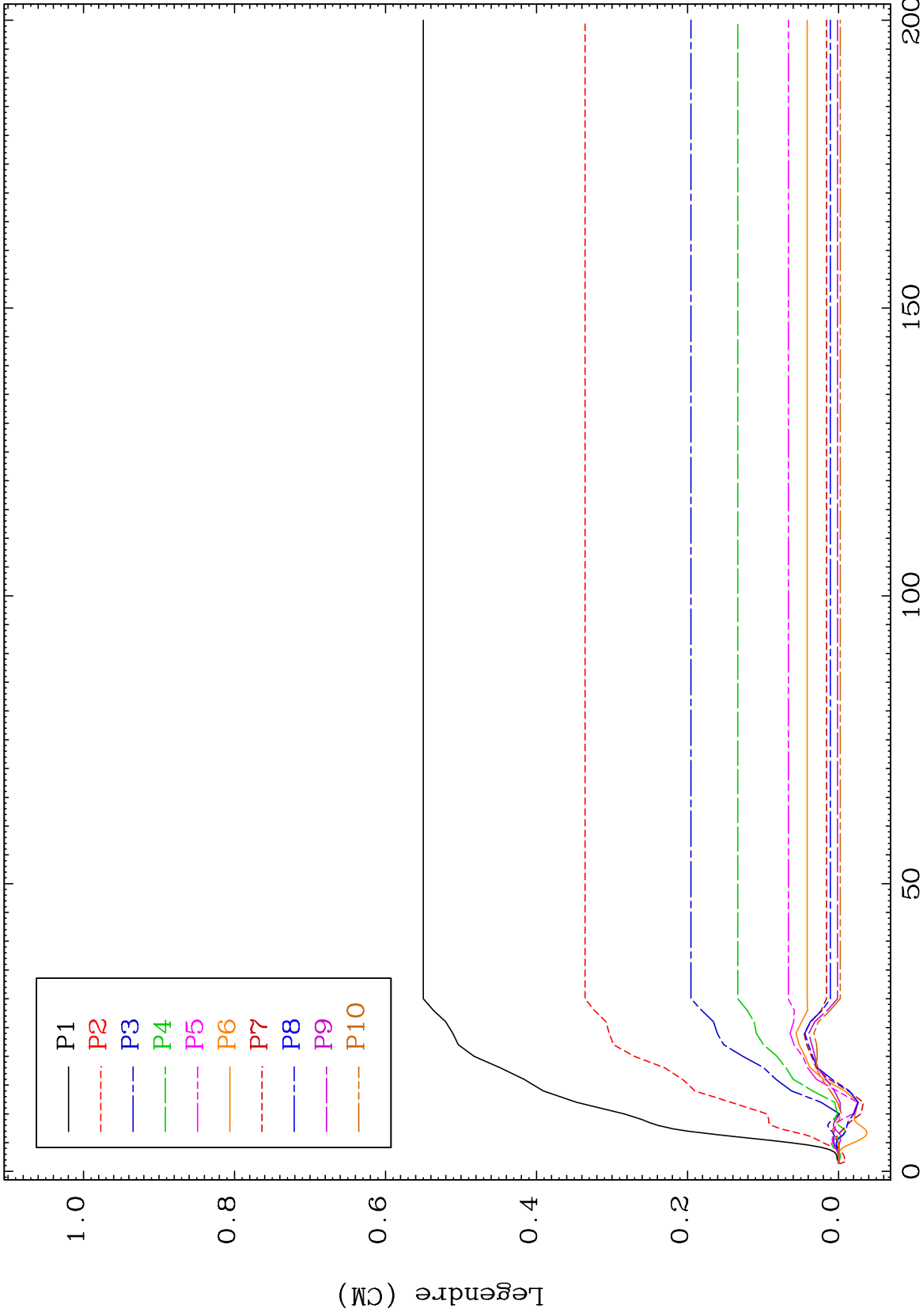
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211

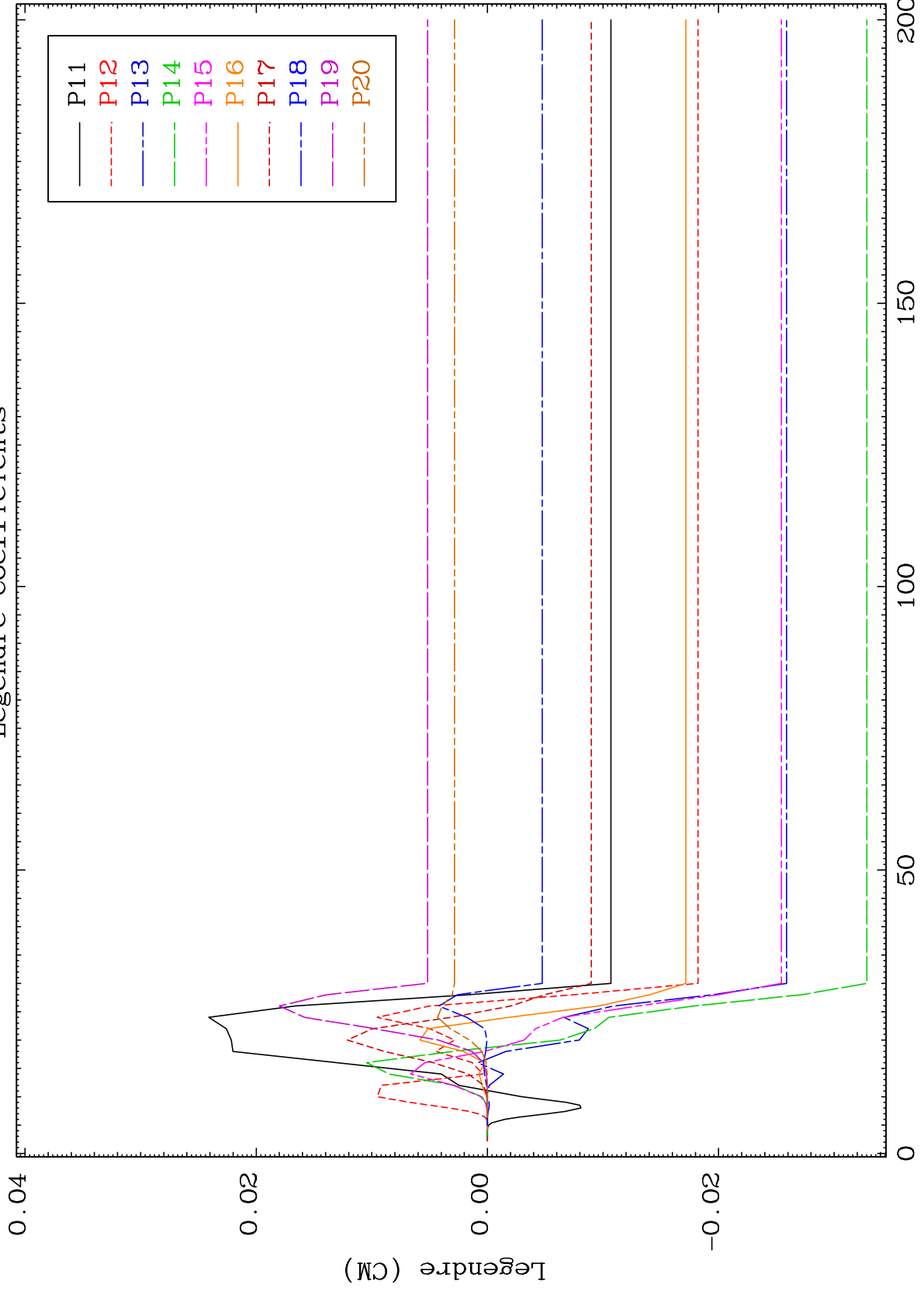


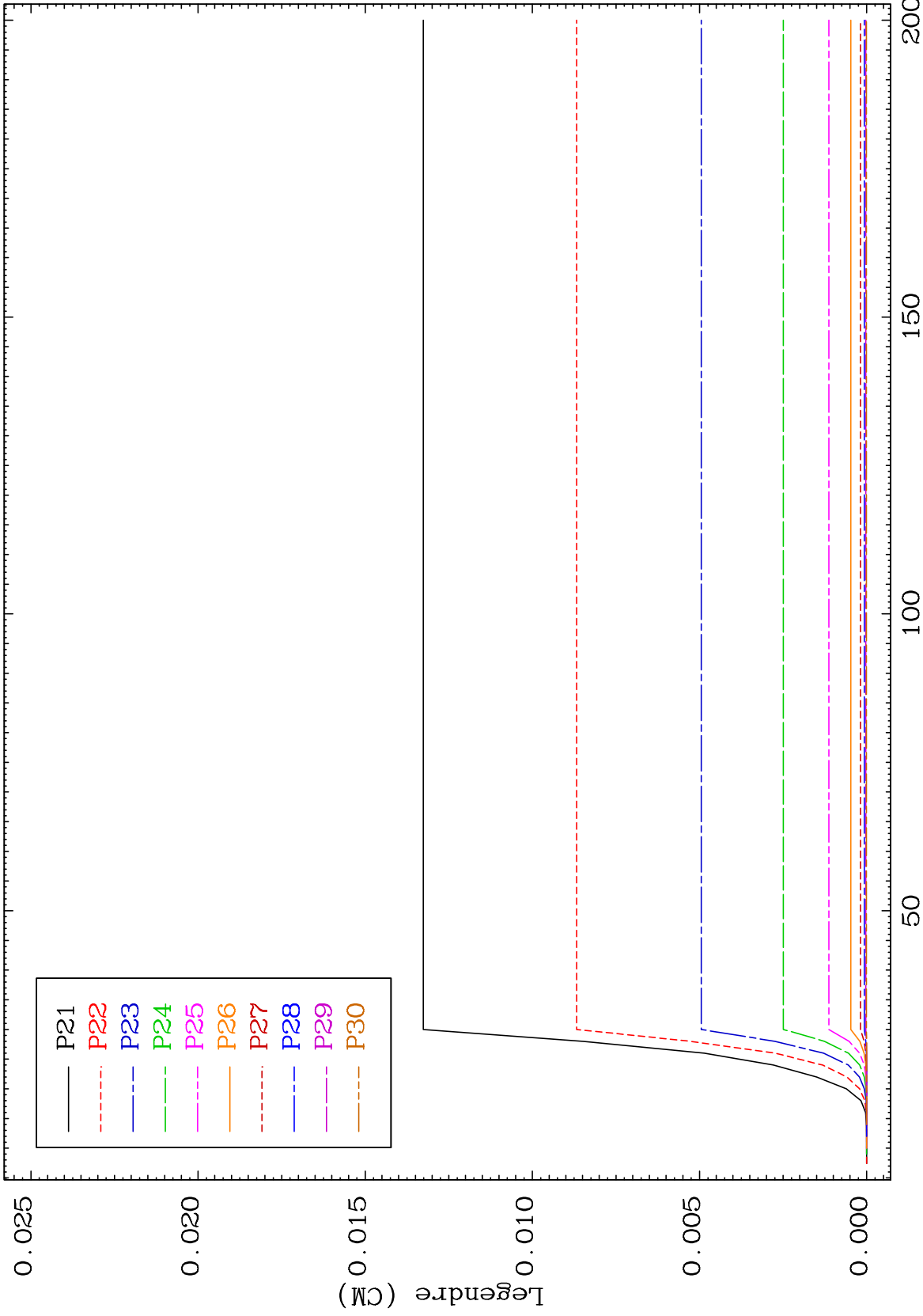
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Incident Energy (MeV)

85-At-211

MAT 8549 MT= 59 (n,n') Level Legendre Coefficients 85-At-211

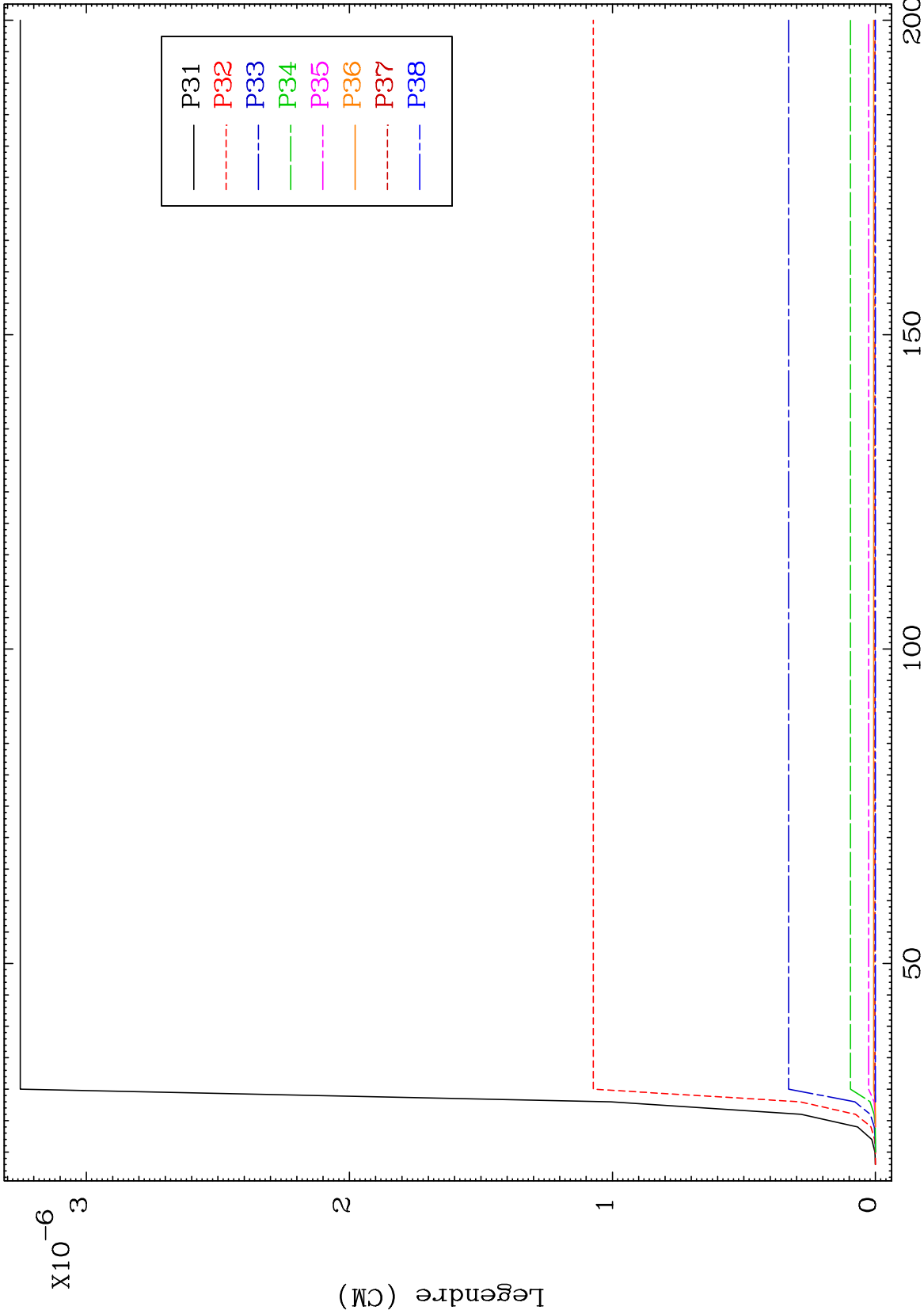




MAT 8549

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

85-At-211



55

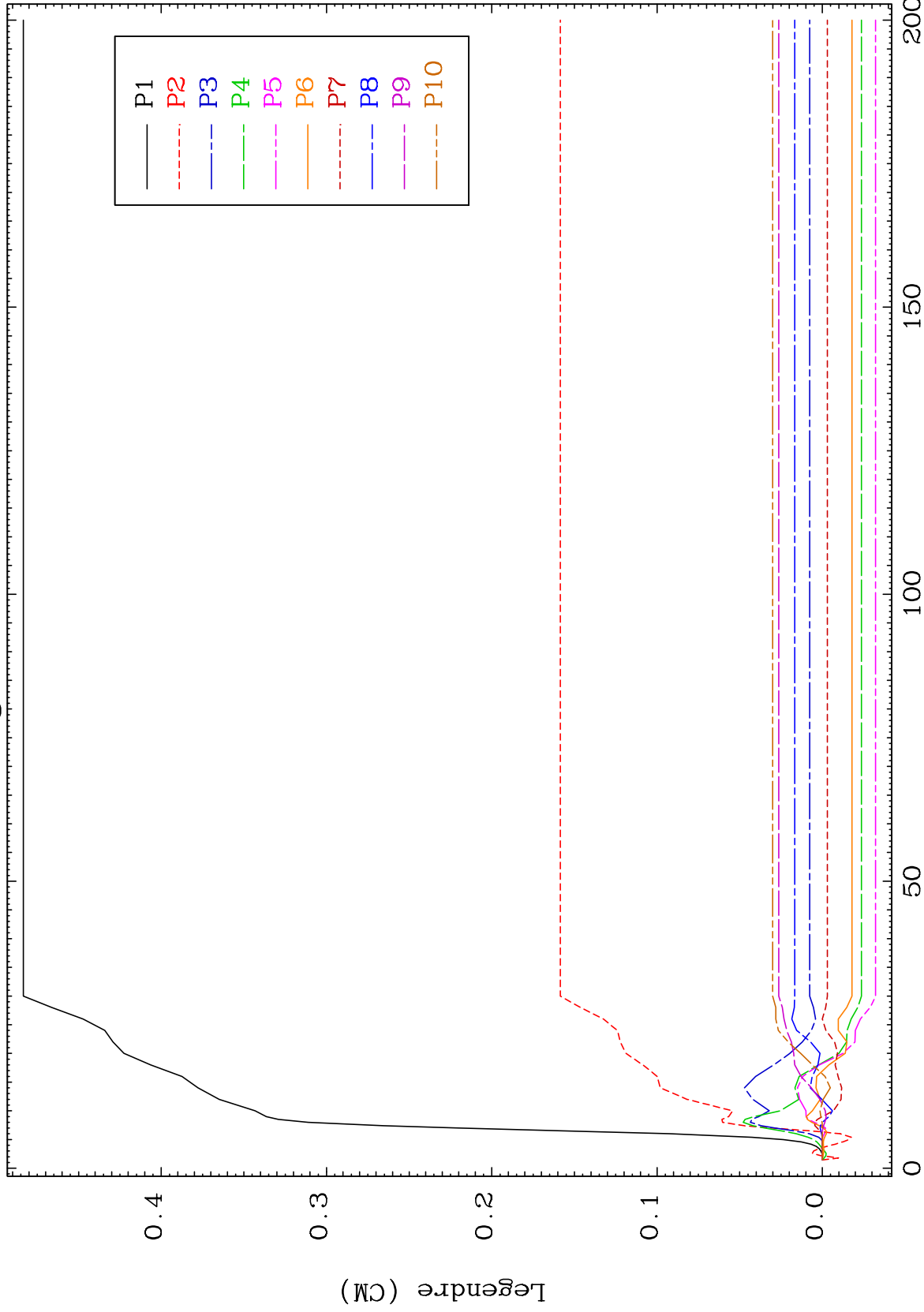
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



56

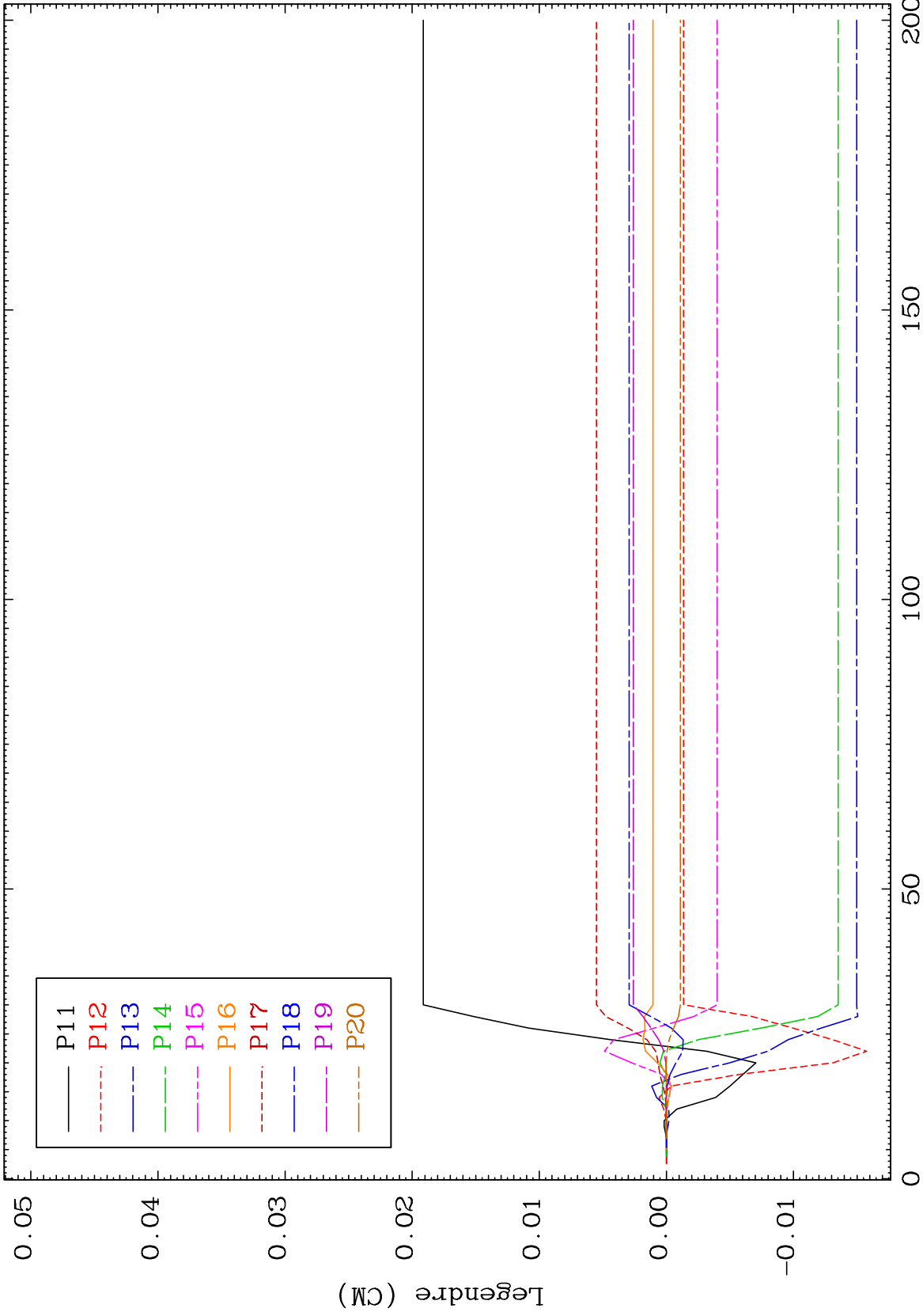
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



57

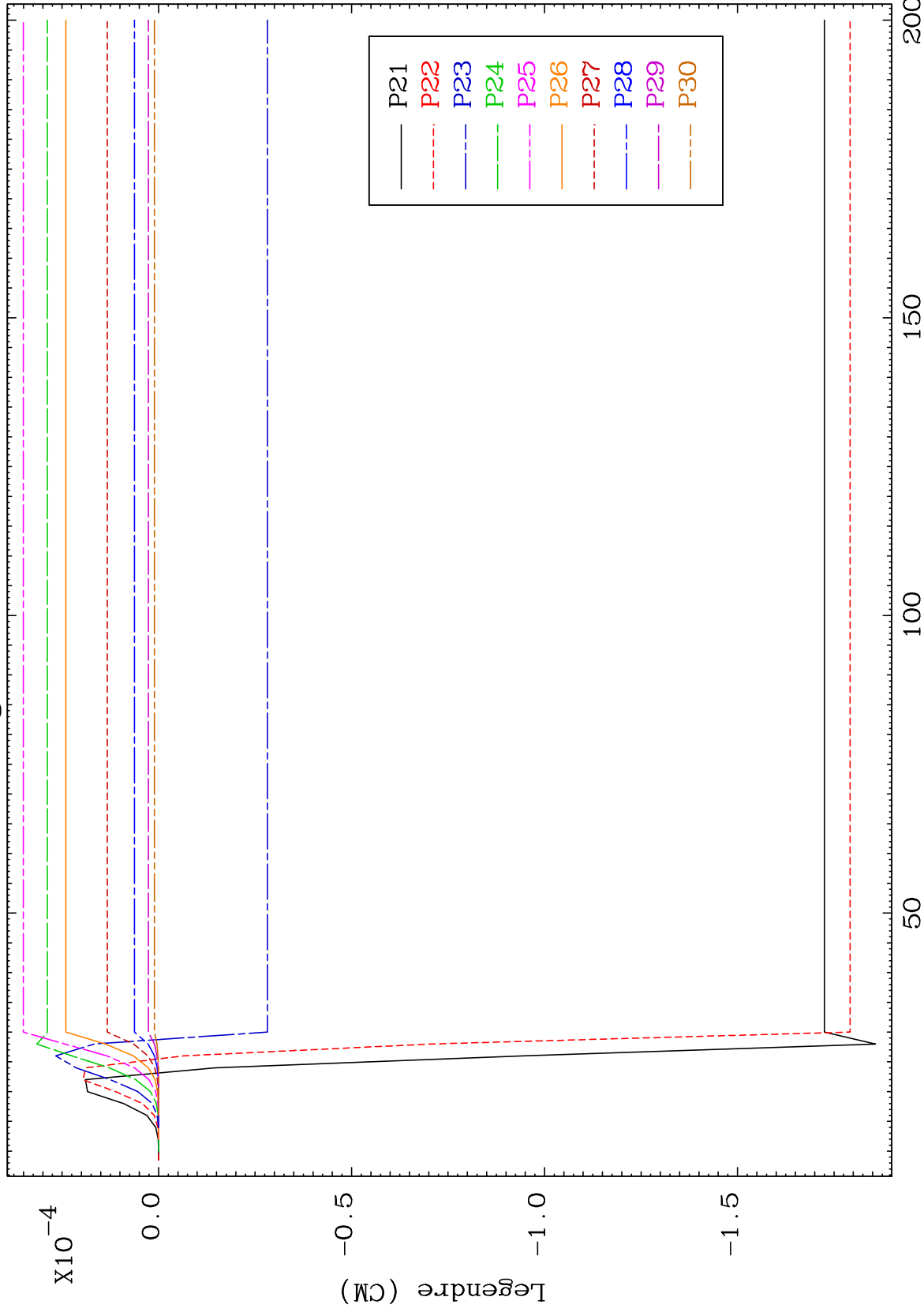
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



58

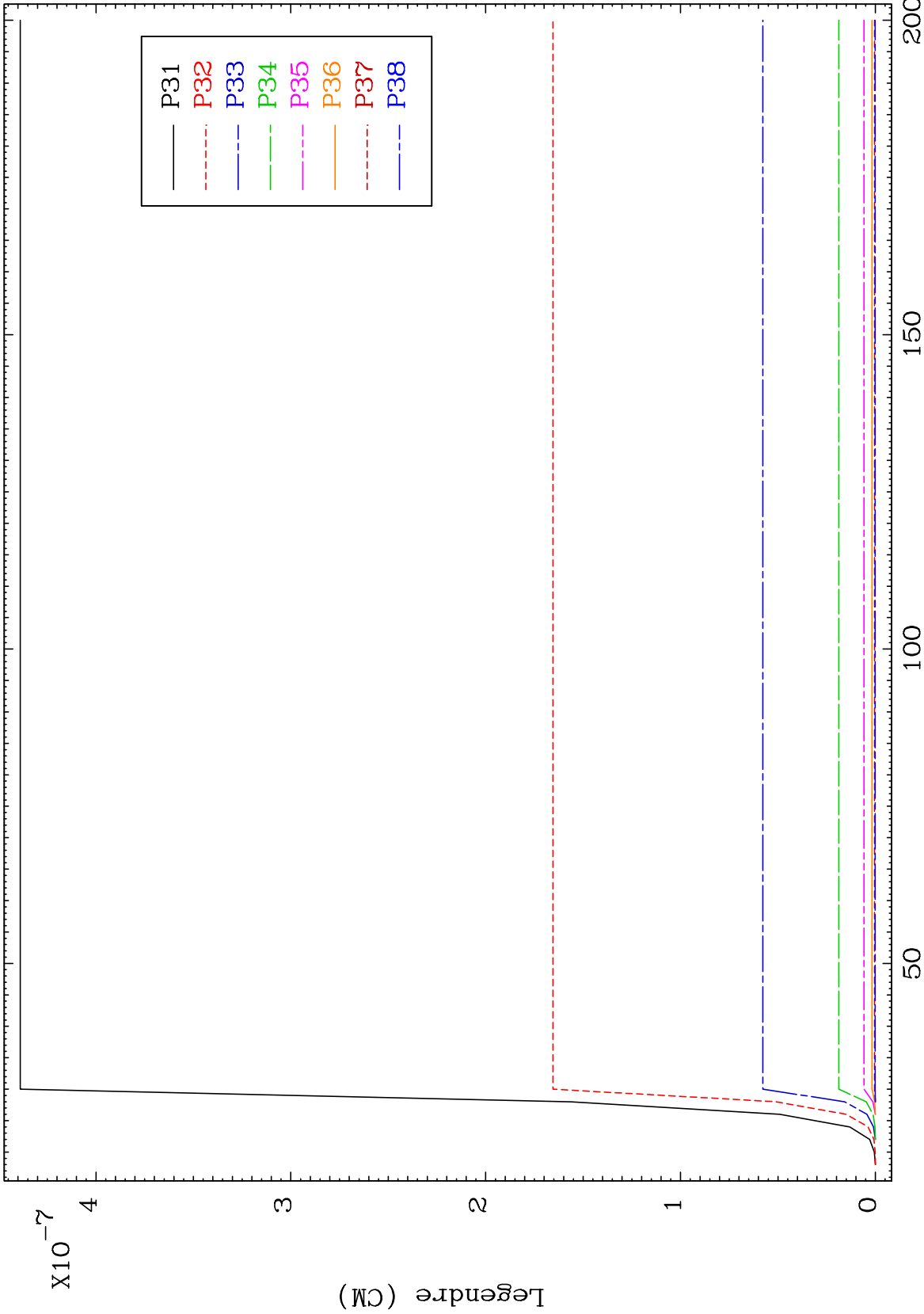
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



59

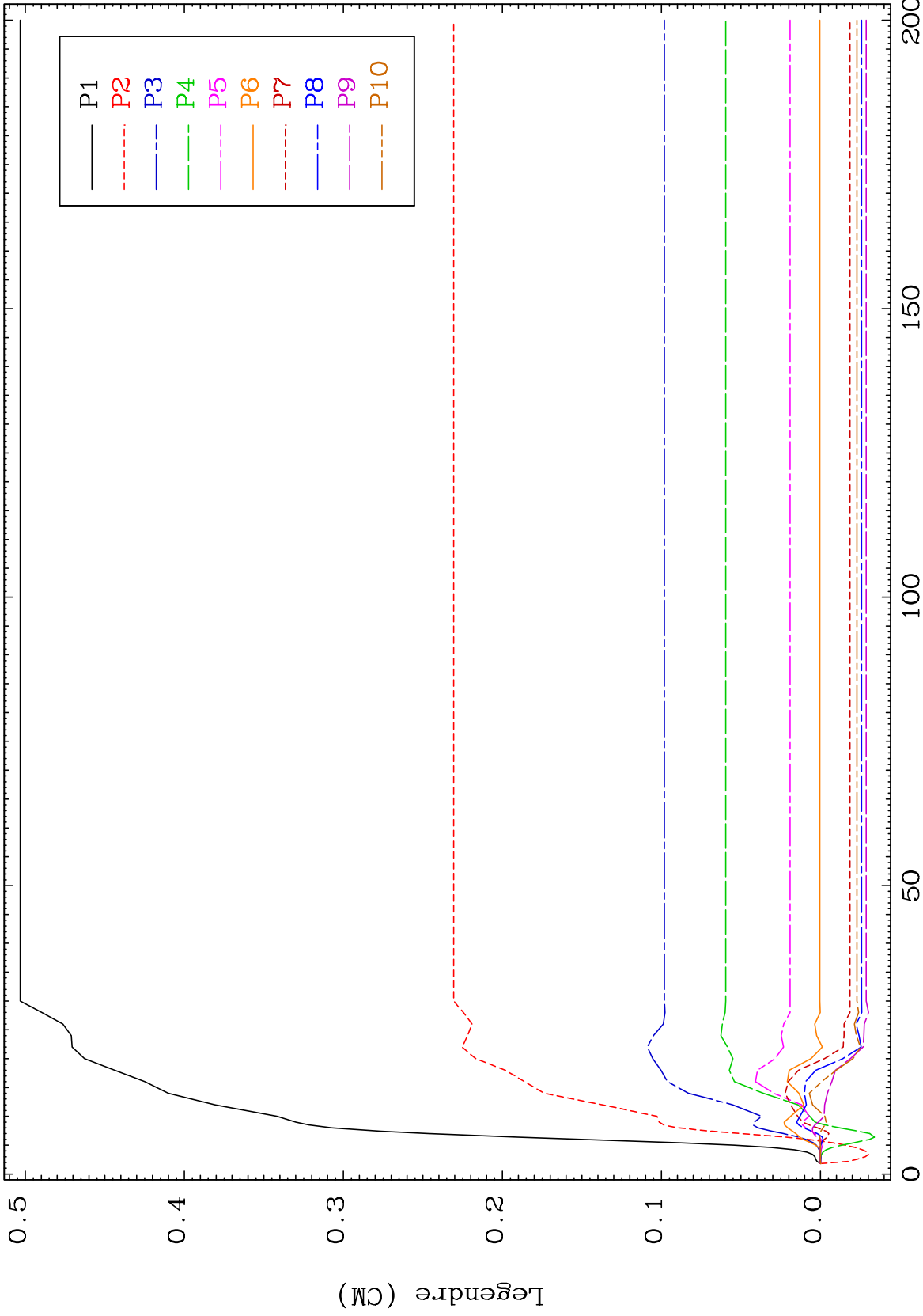
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



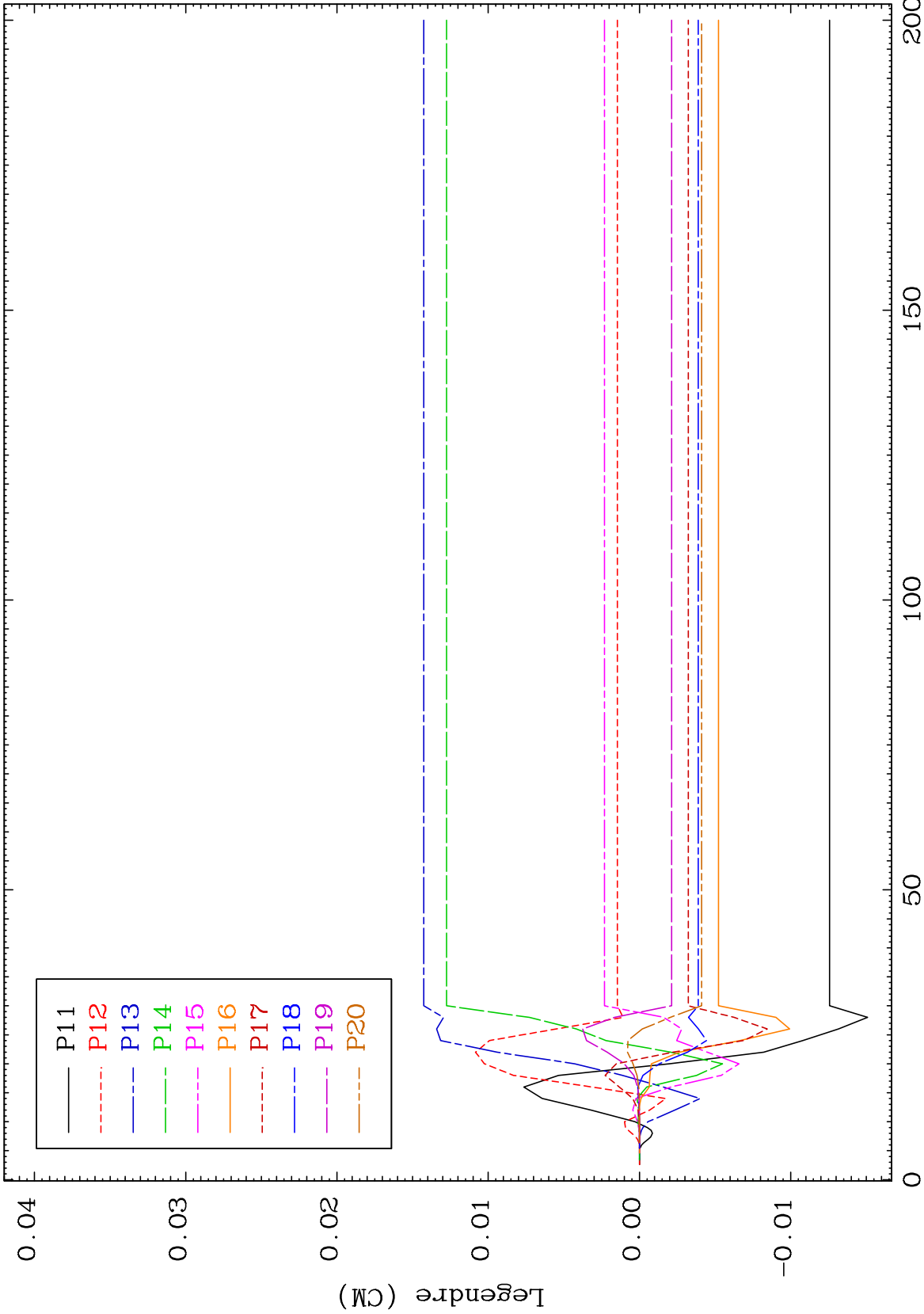
85-At-211

Incident Energy (MeV)

MAT 8549

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

85-At-211



61

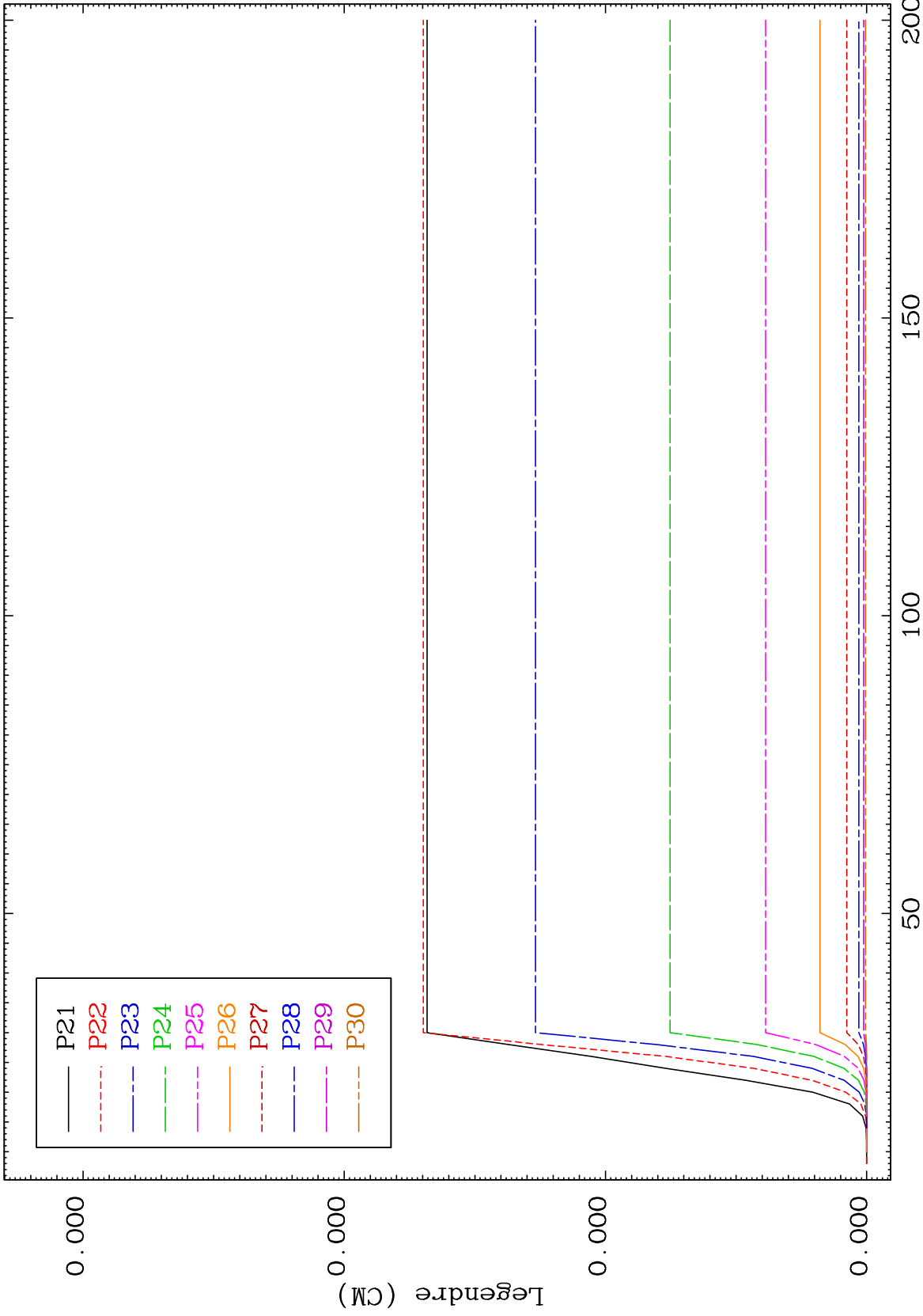
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



62

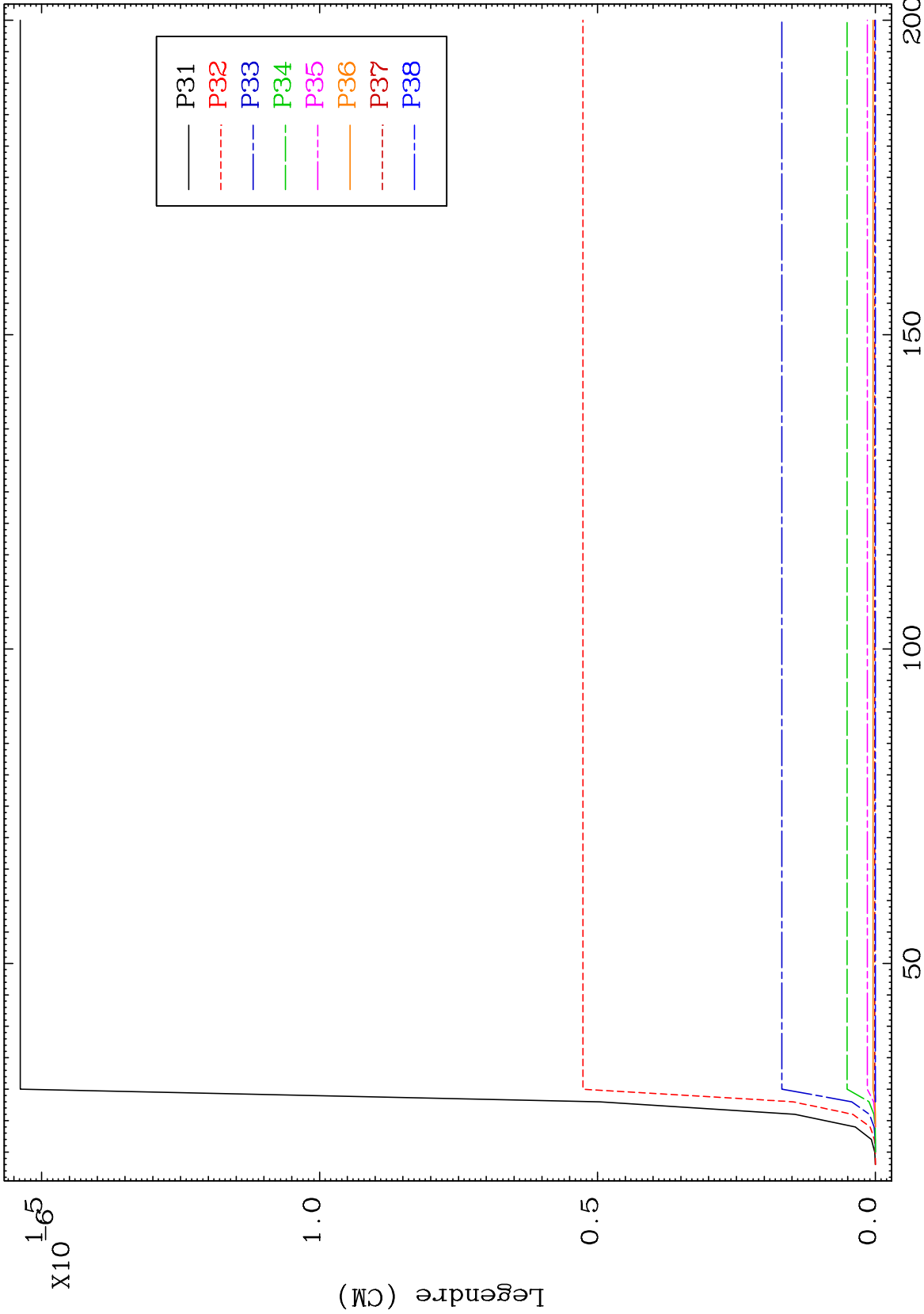
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



63

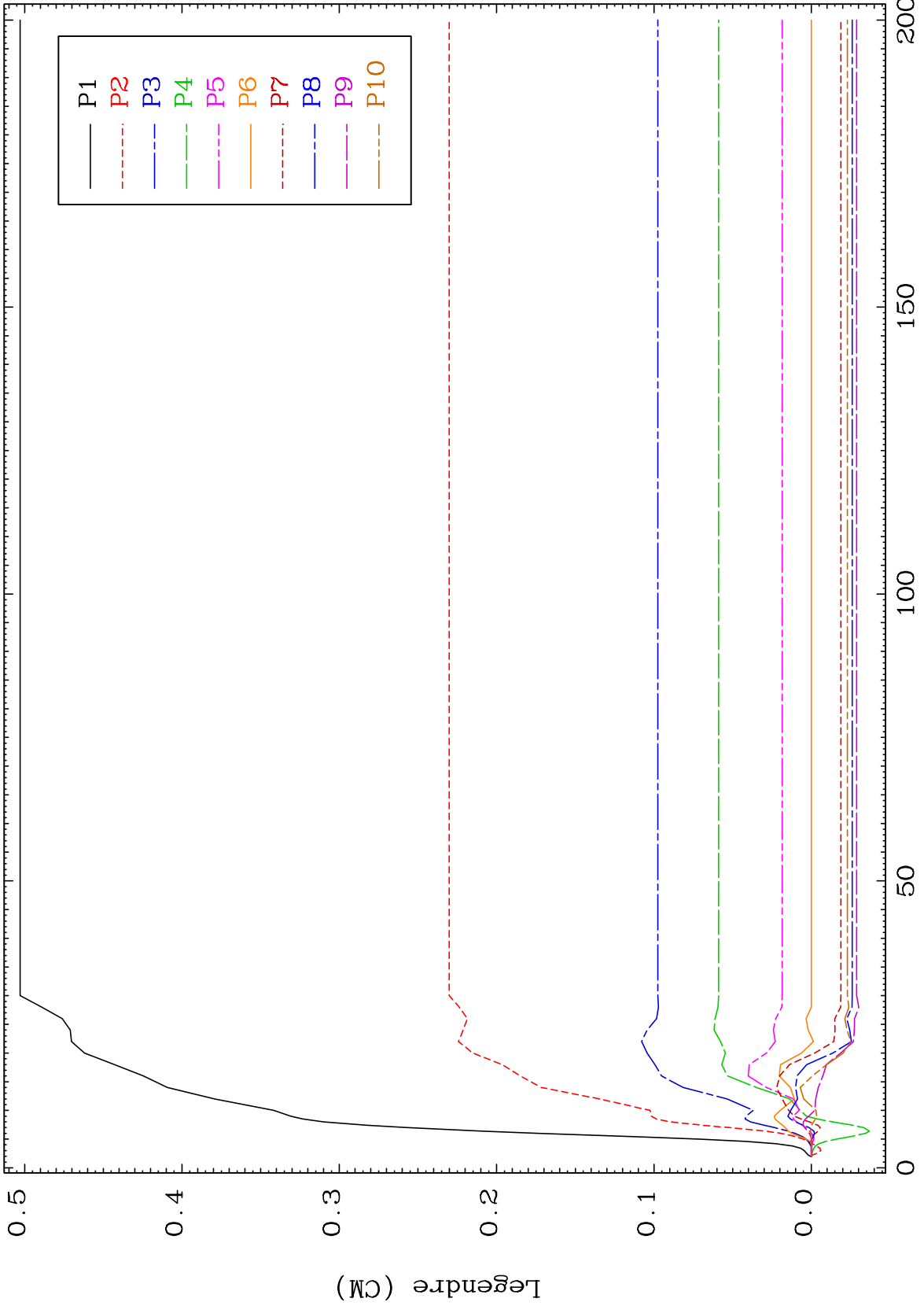
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



64

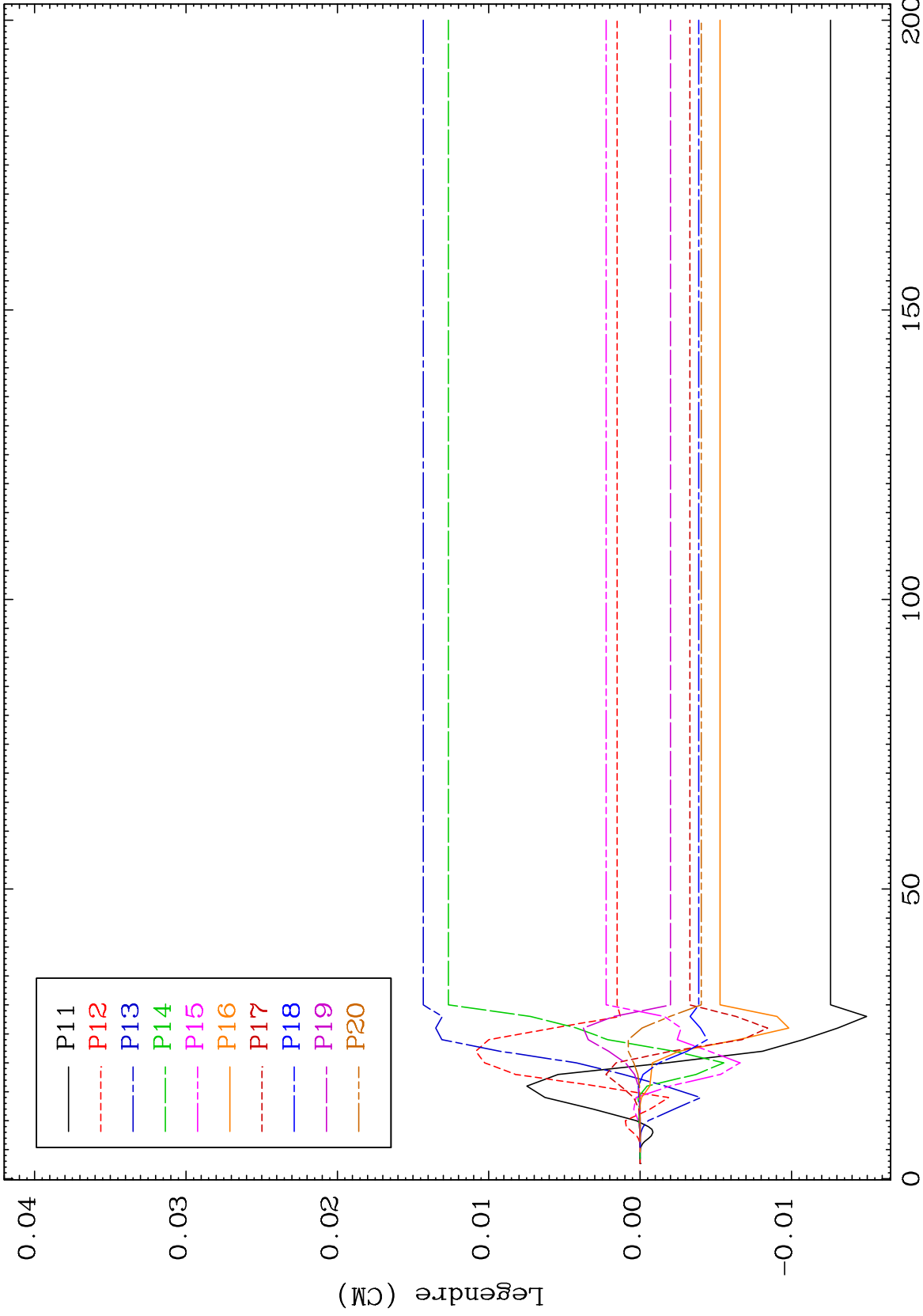
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



65

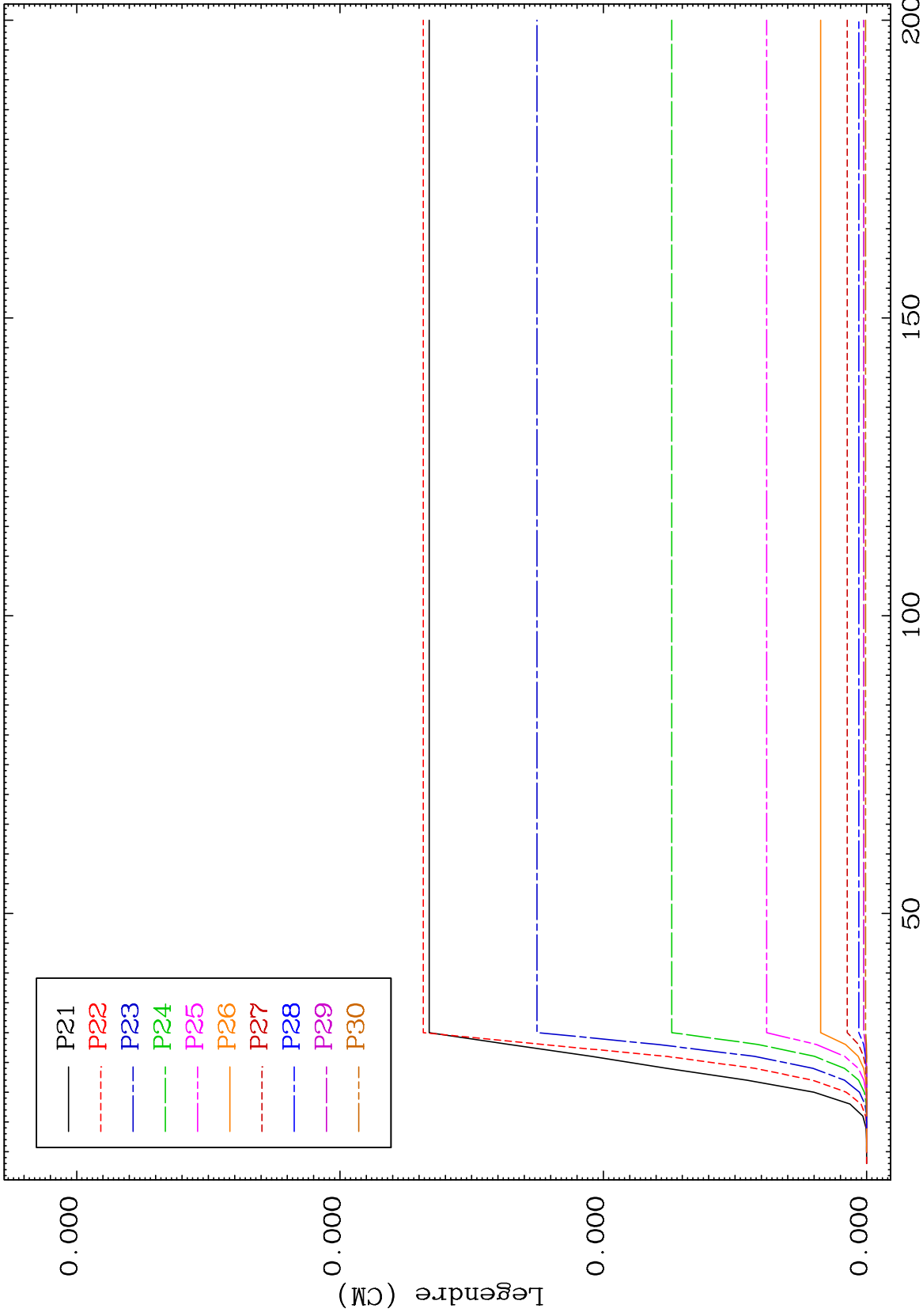
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



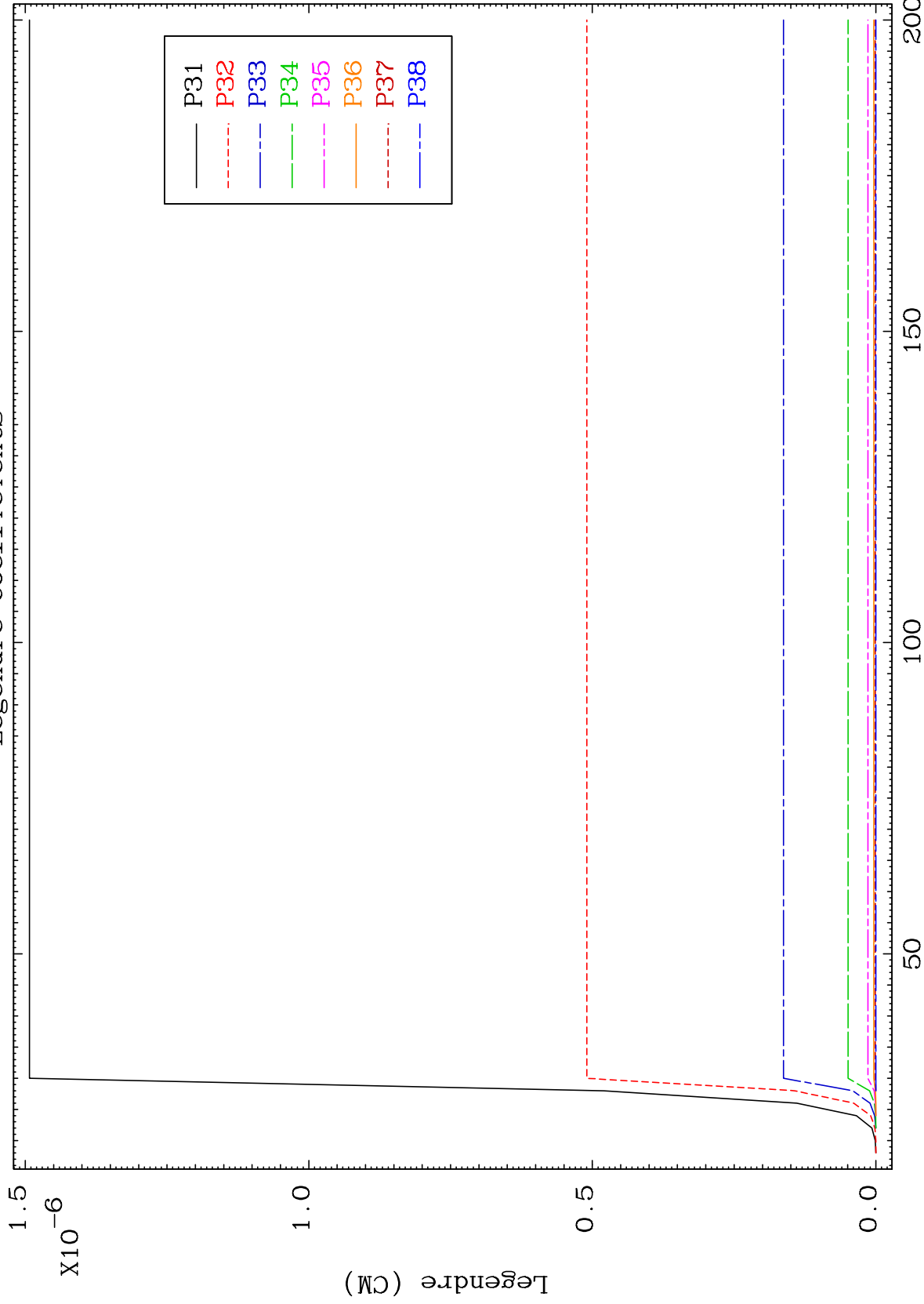
66

85-At-211

MAT 8549

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

85-At-211



67

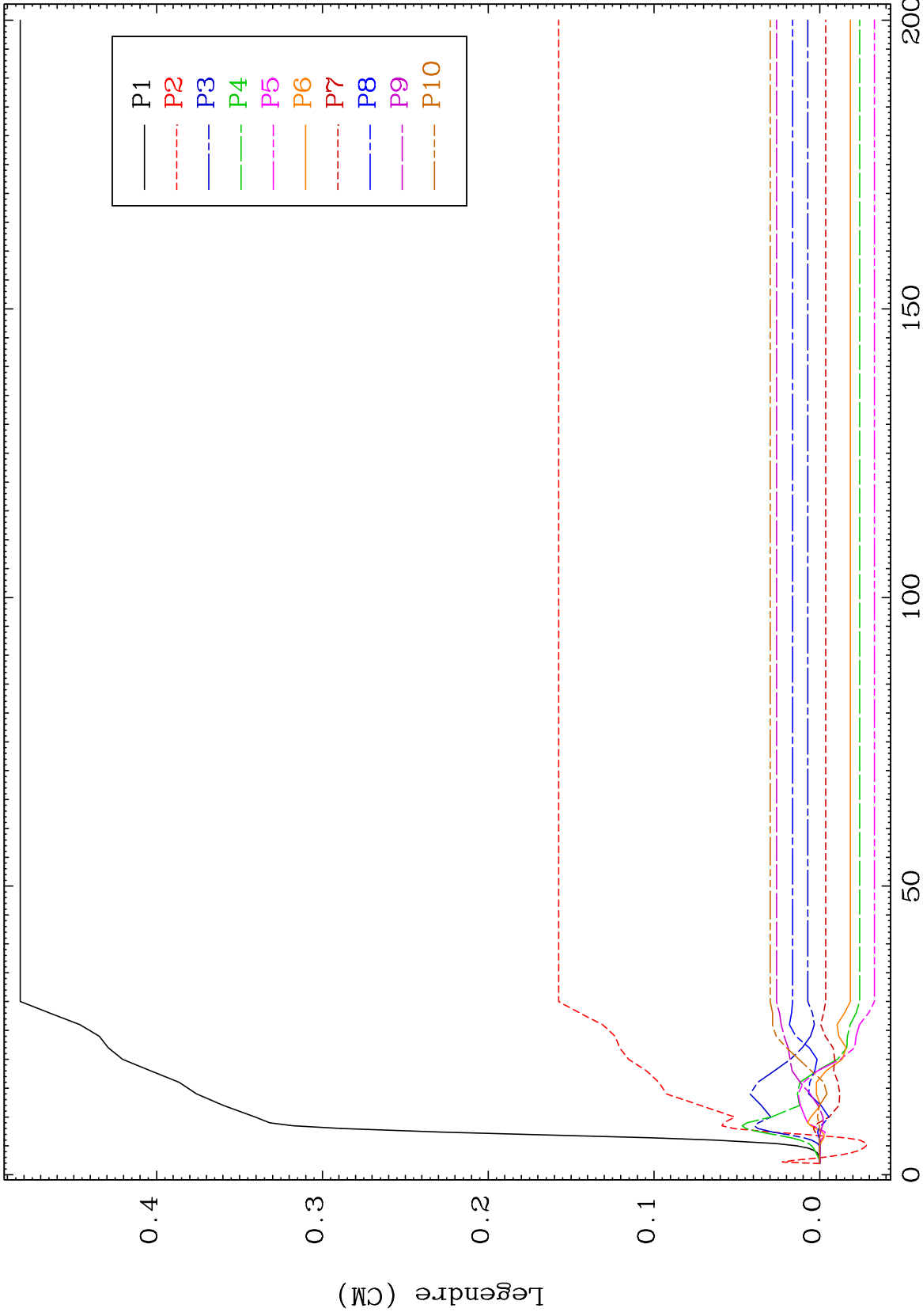
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



68

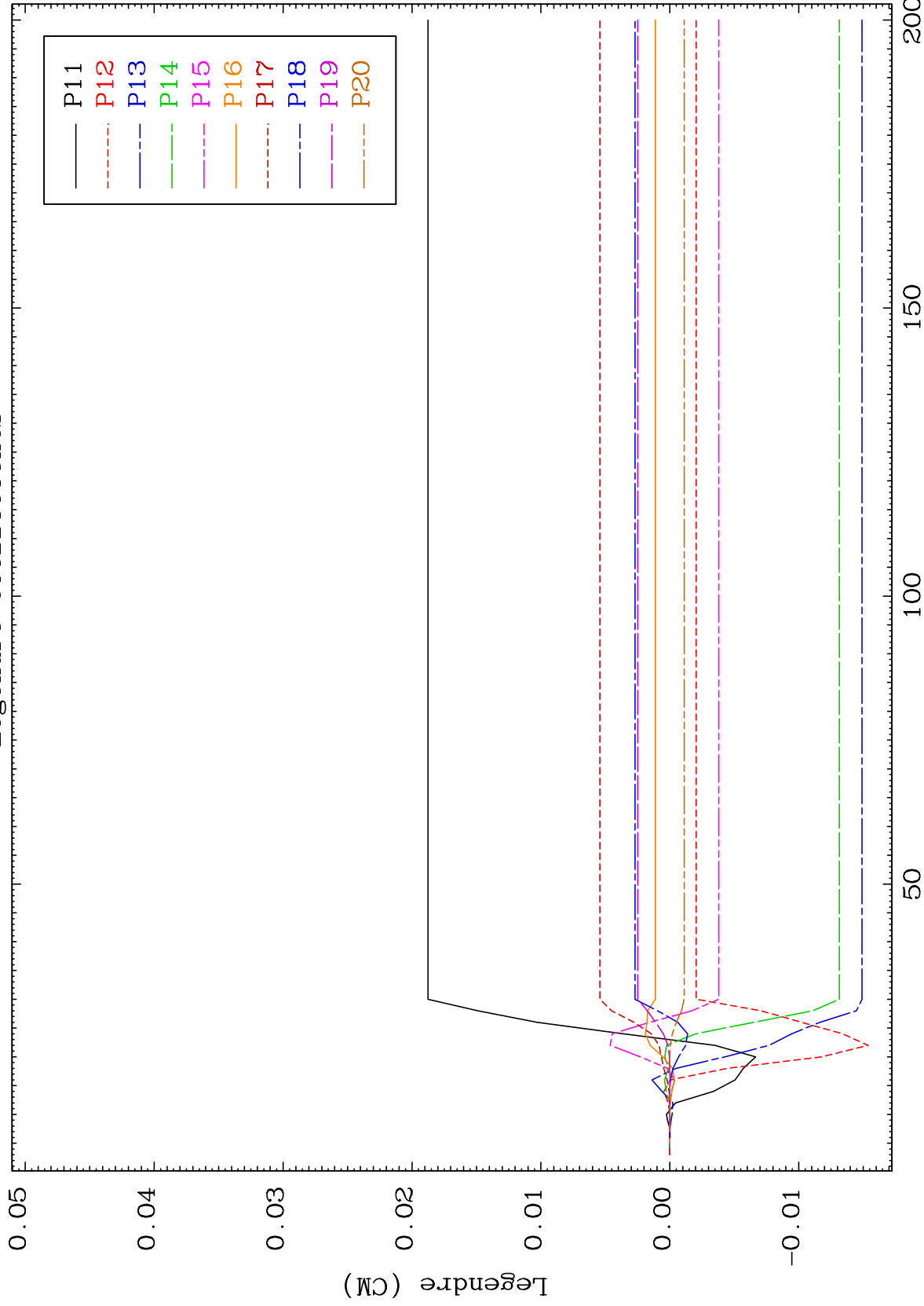
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



69

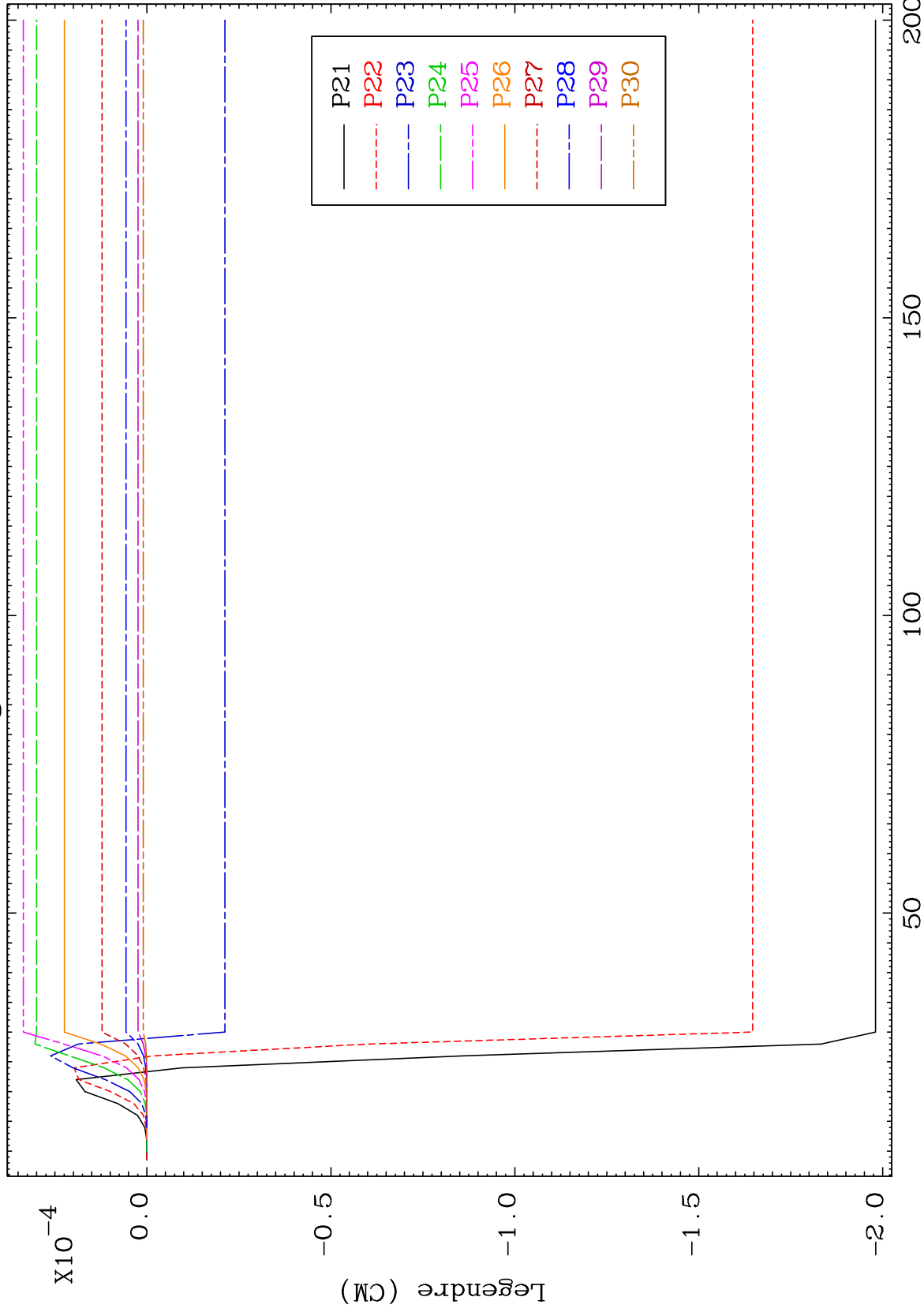
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



70

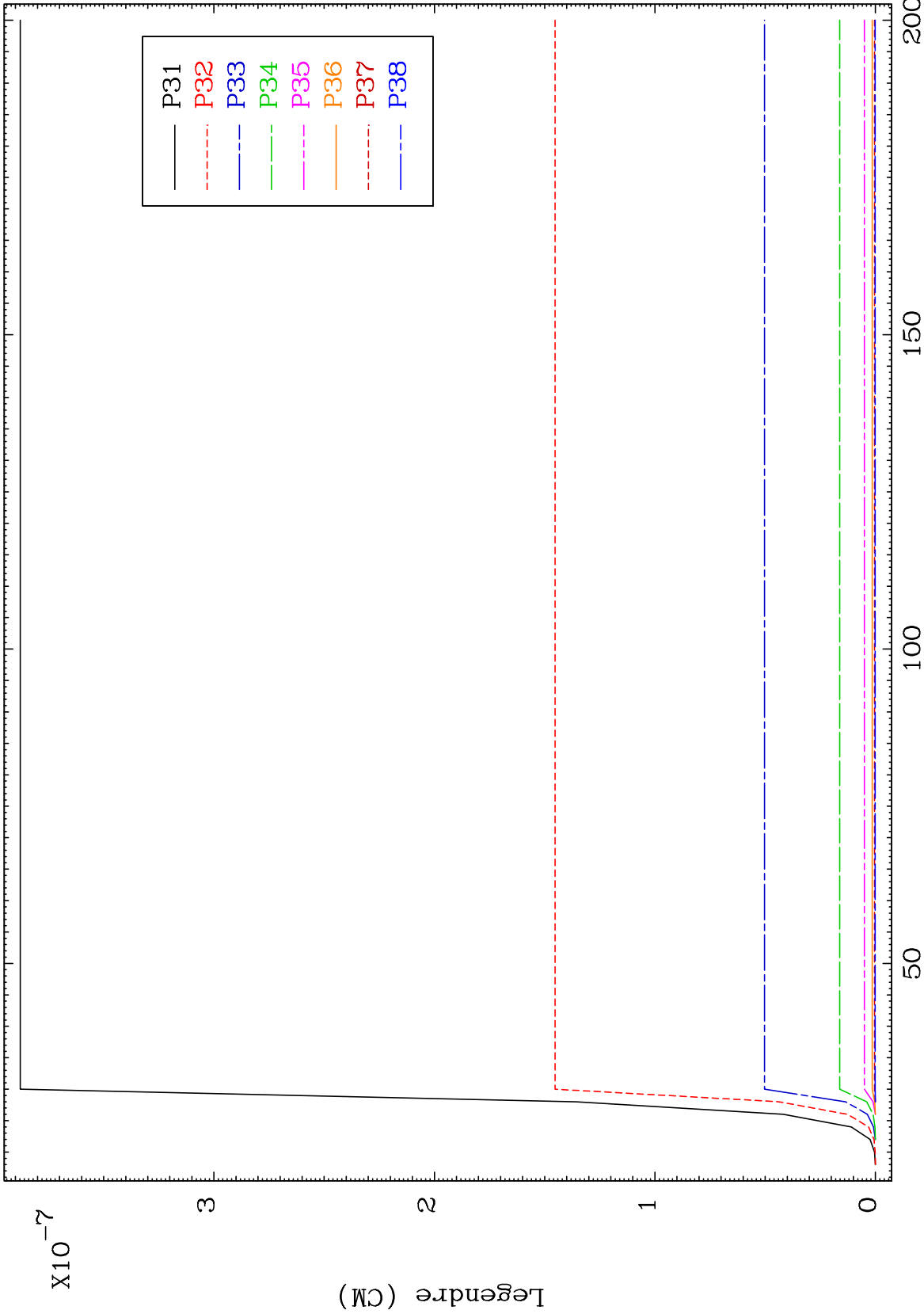
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



71

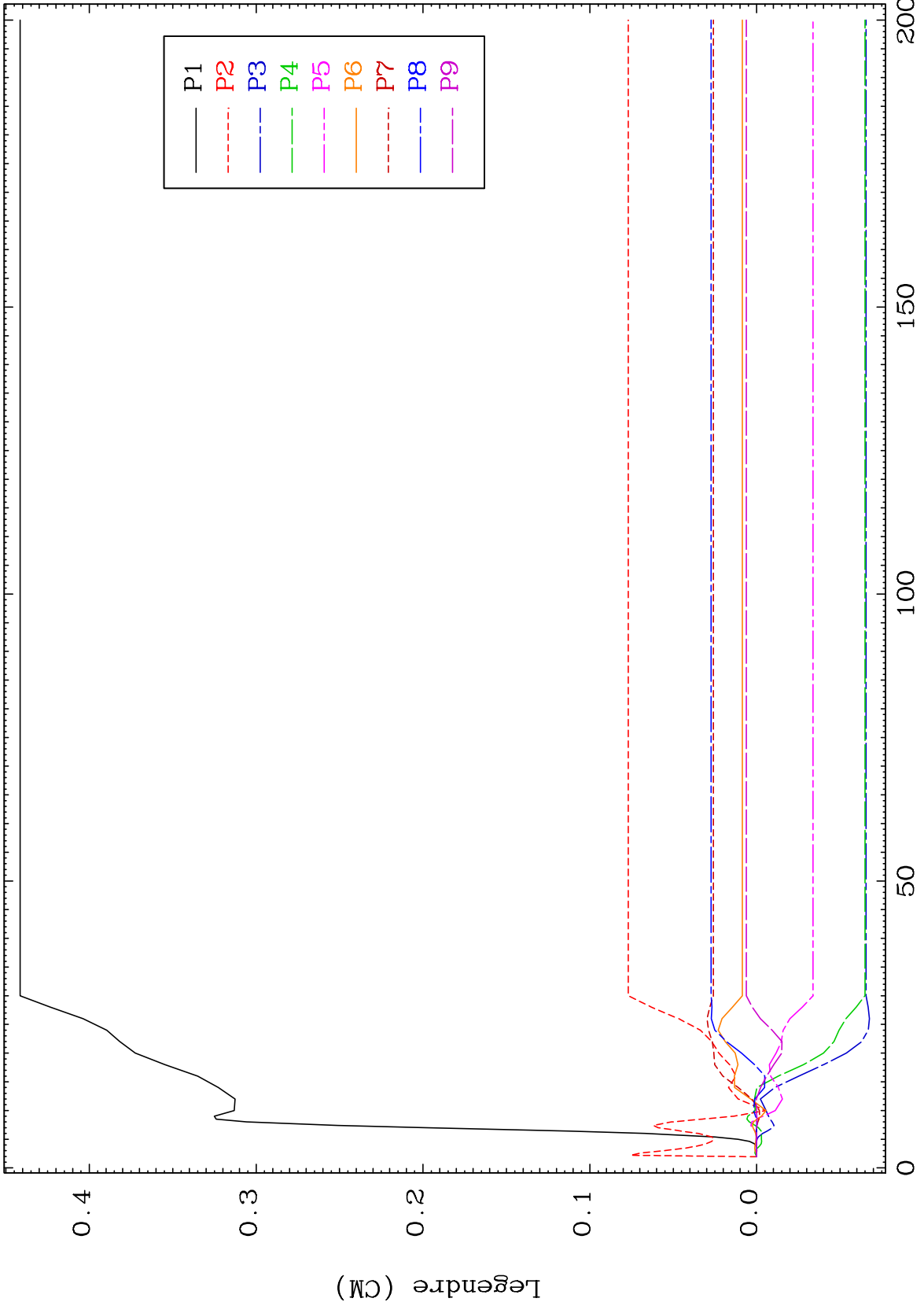
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



72

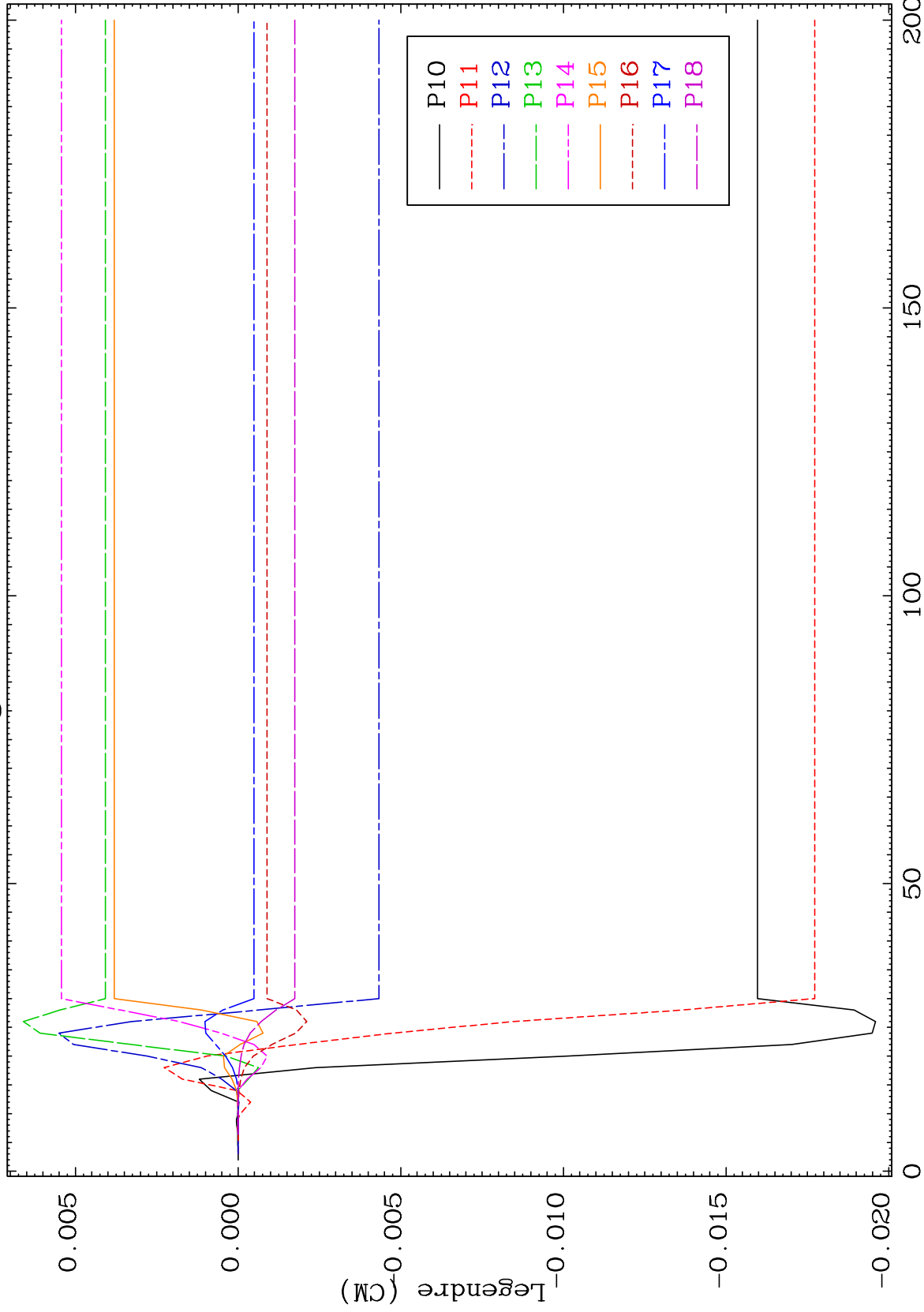
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



73

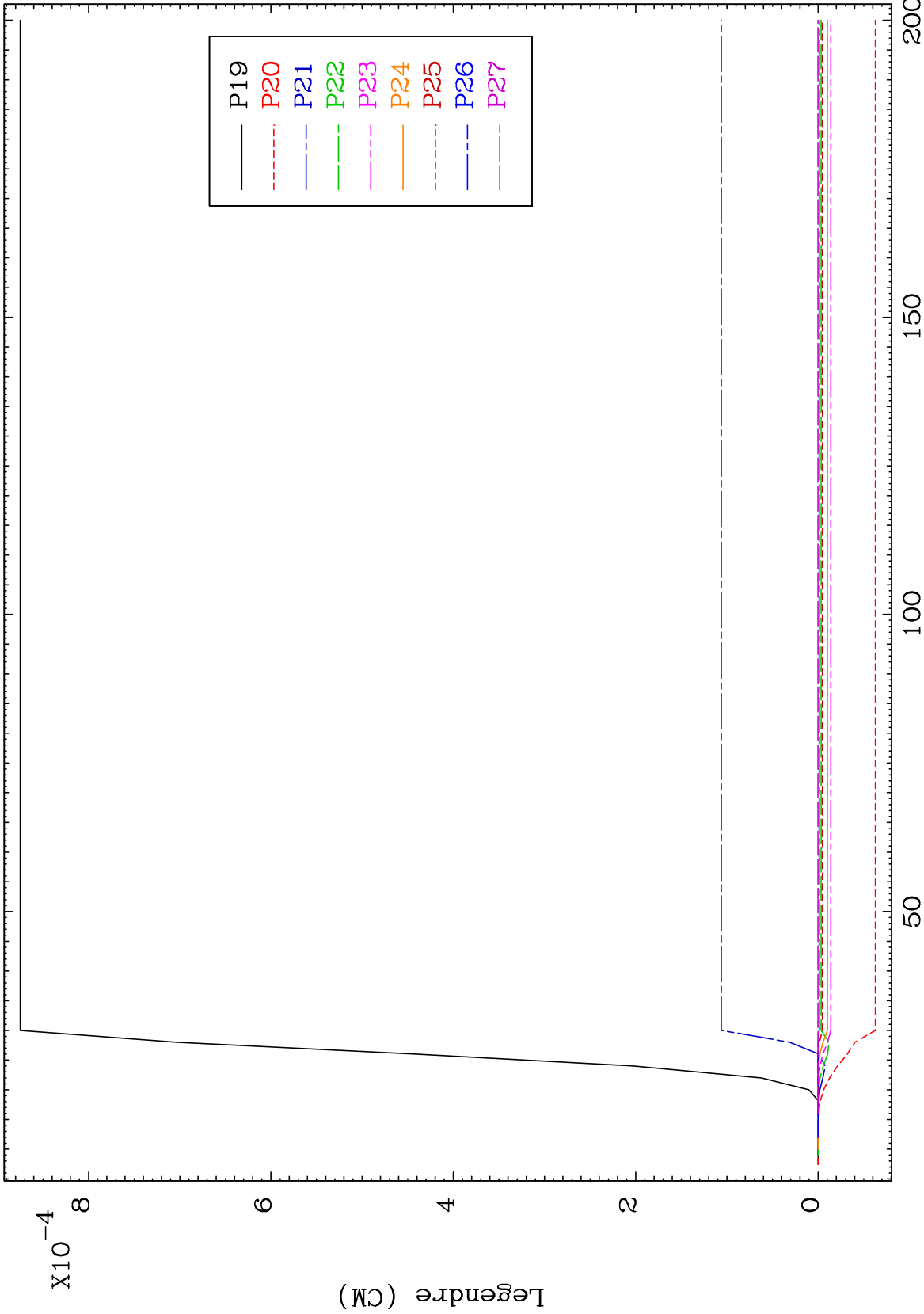
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



74

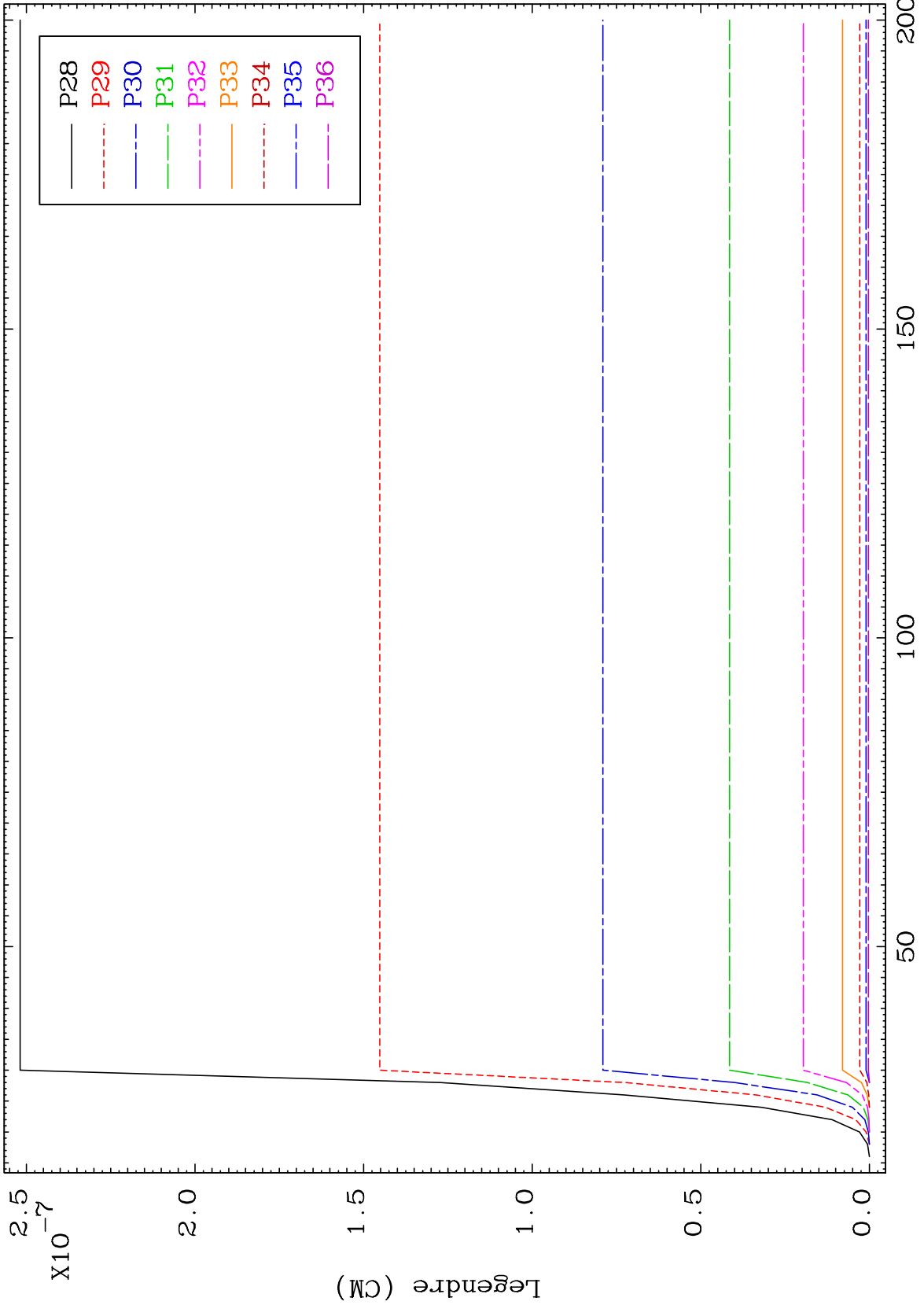
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



75

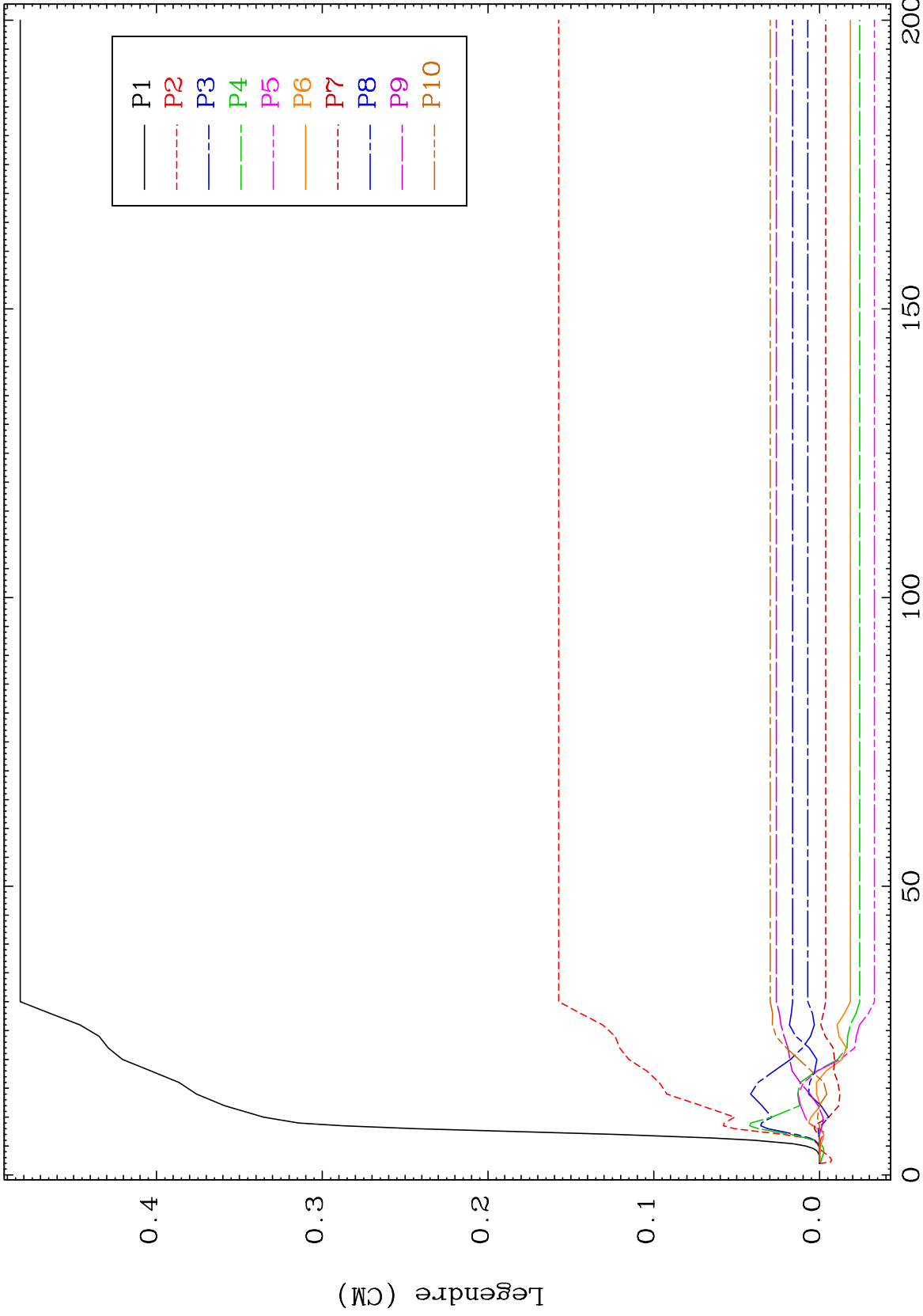
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



76

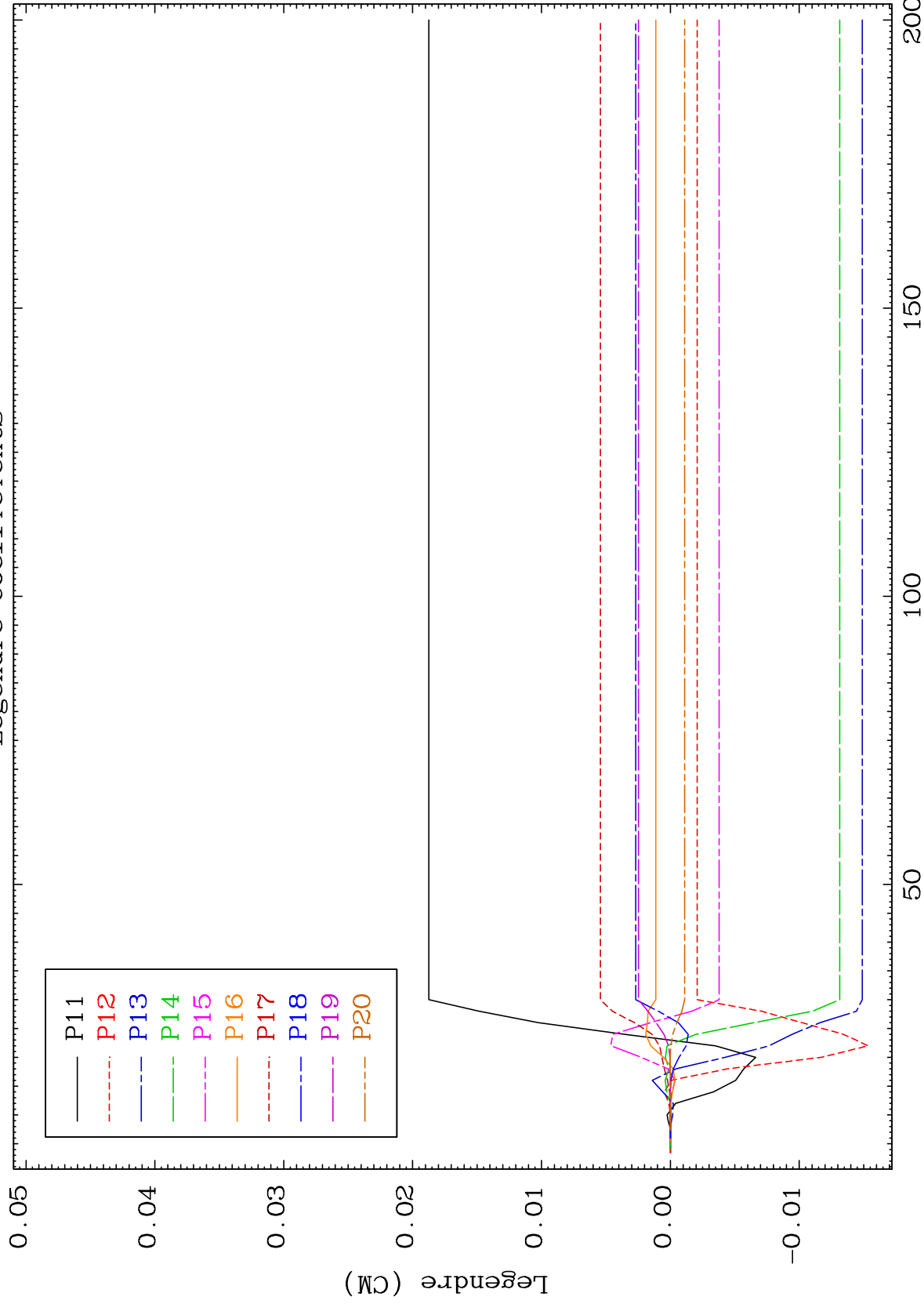
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



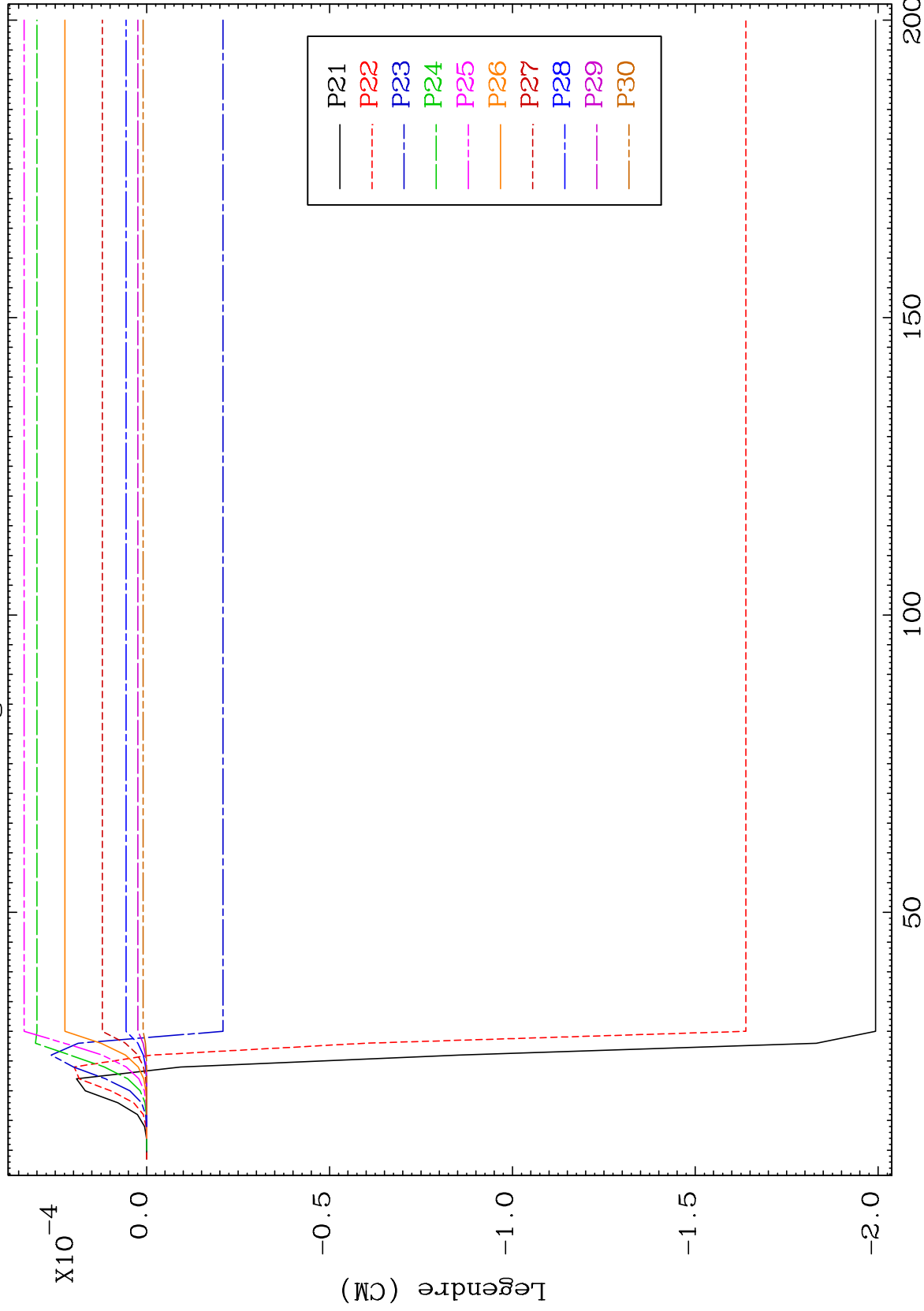
77

85-At-211

MAT 8549

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

85-At-211



78

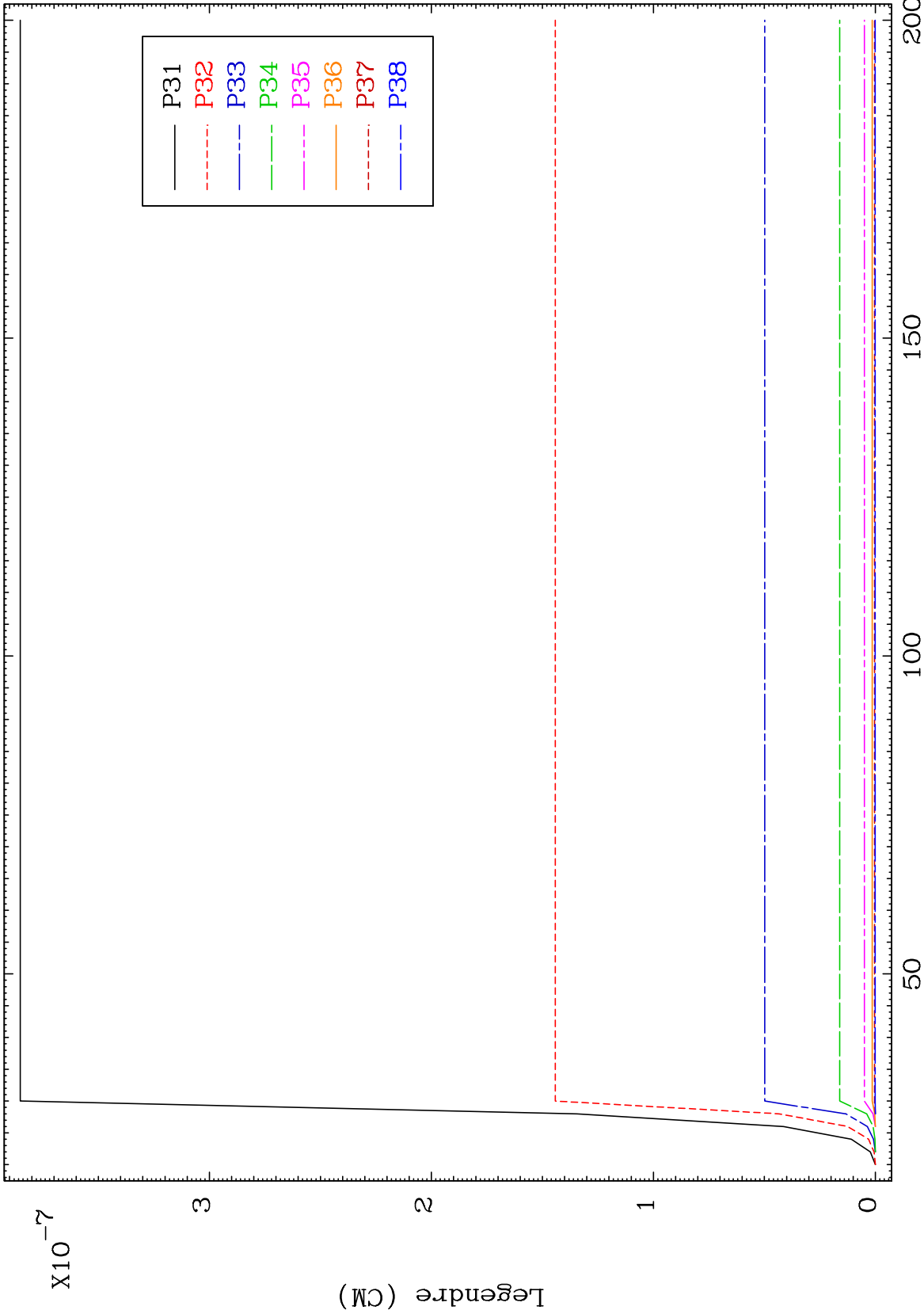
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



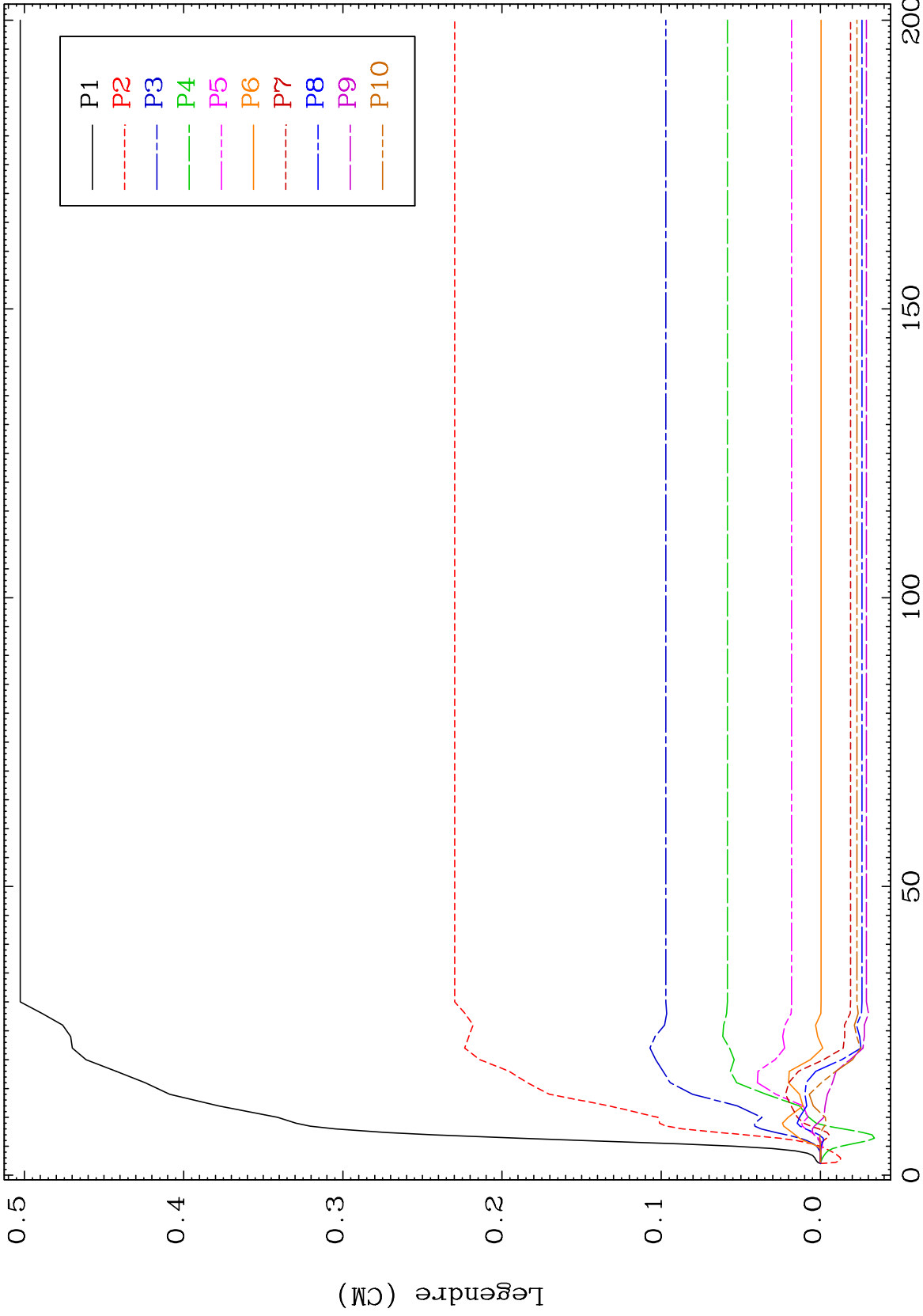
79

85-At-211

MAT 8549

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

85-At-211



85-At-211

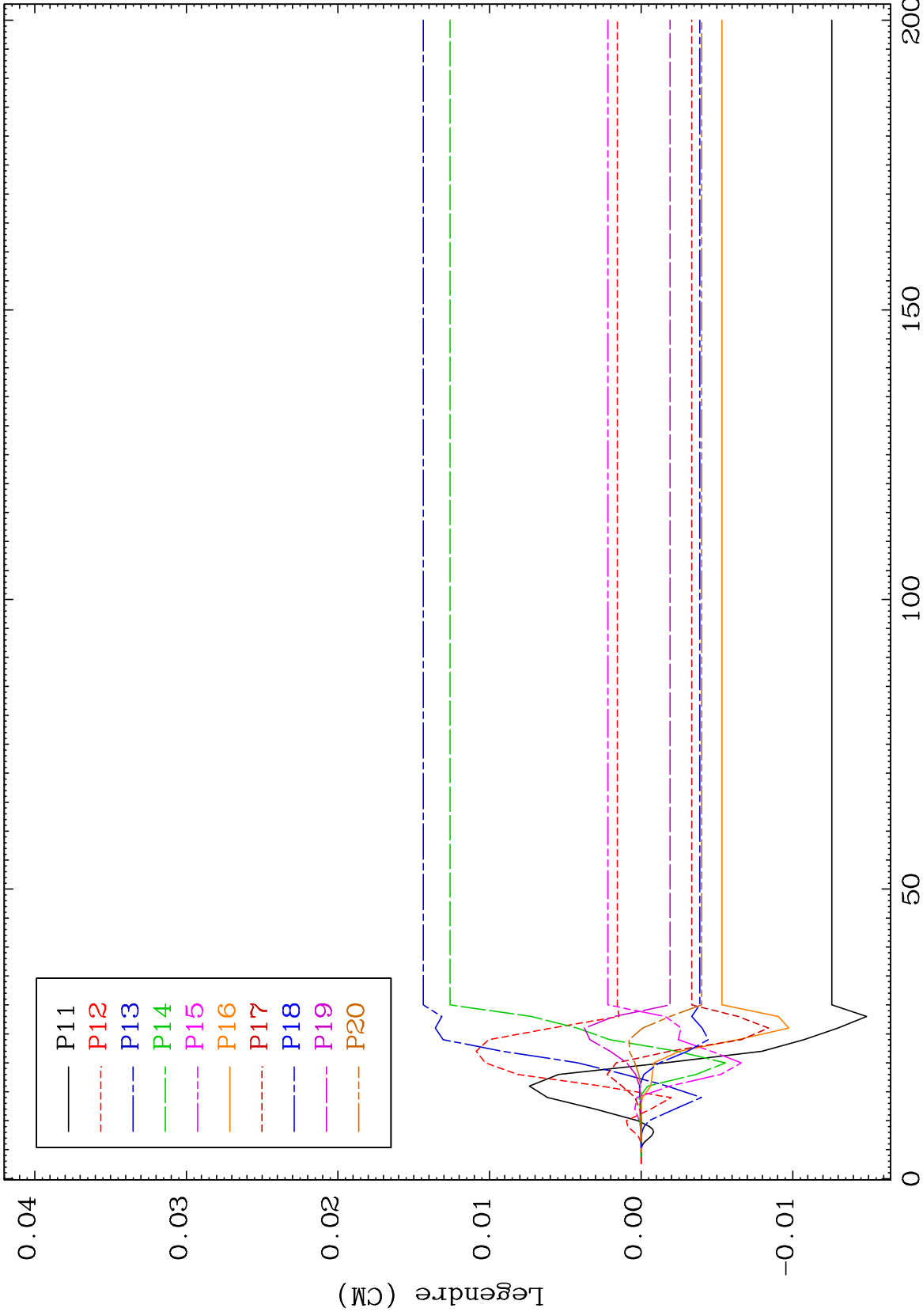
Incident Energy (MeV)

80

MAT 8549

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

85-At-211



81

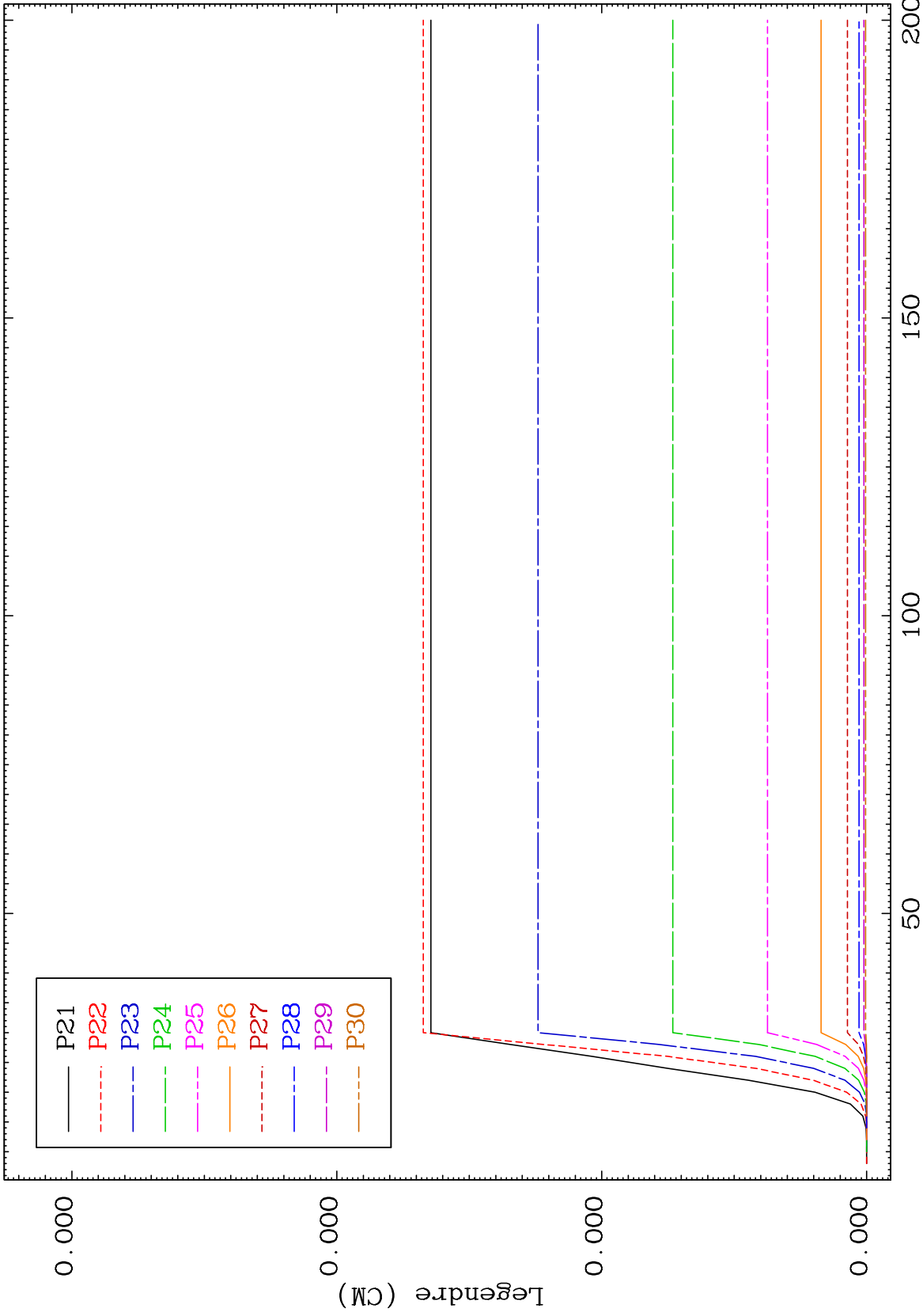
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



82

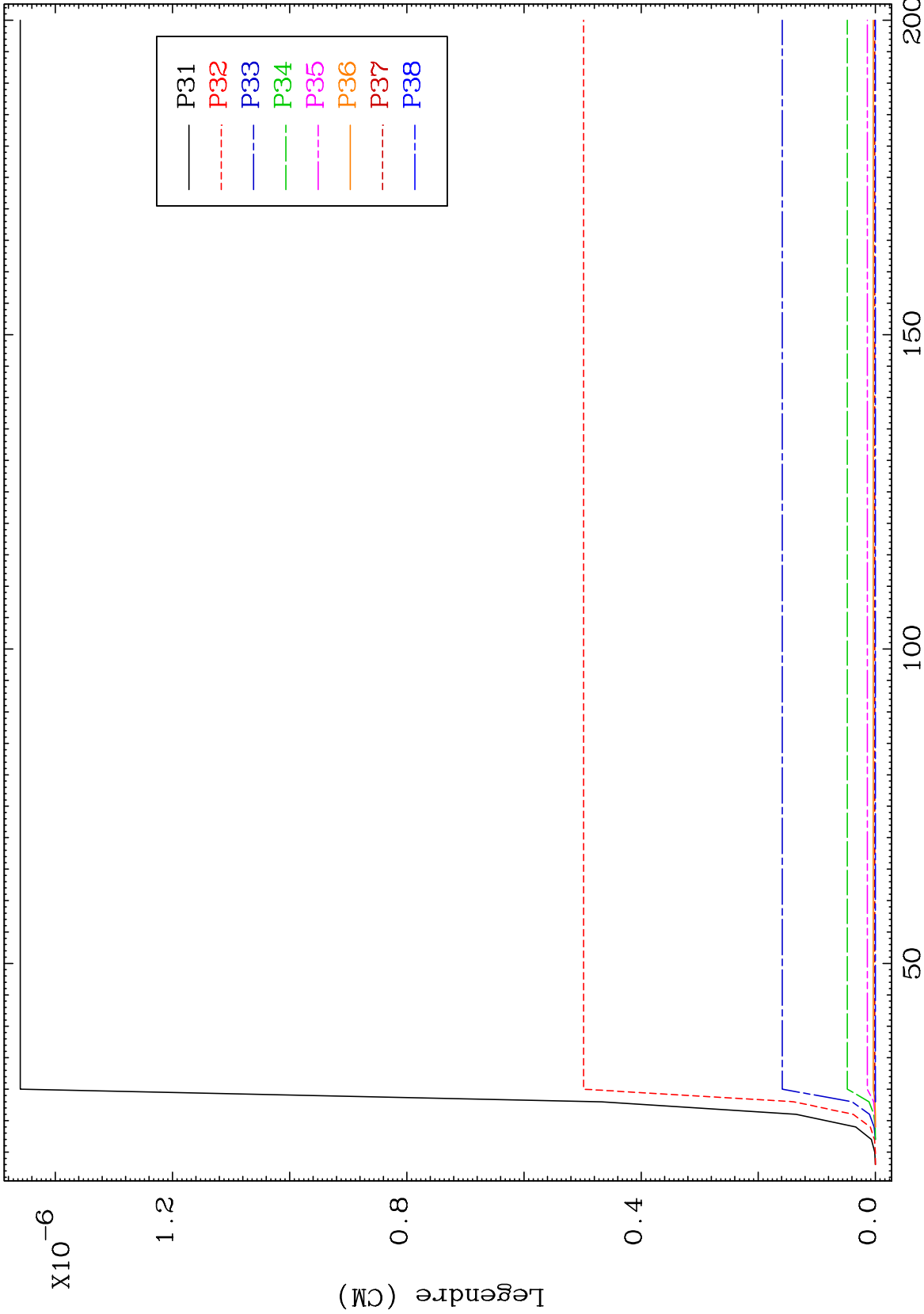
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



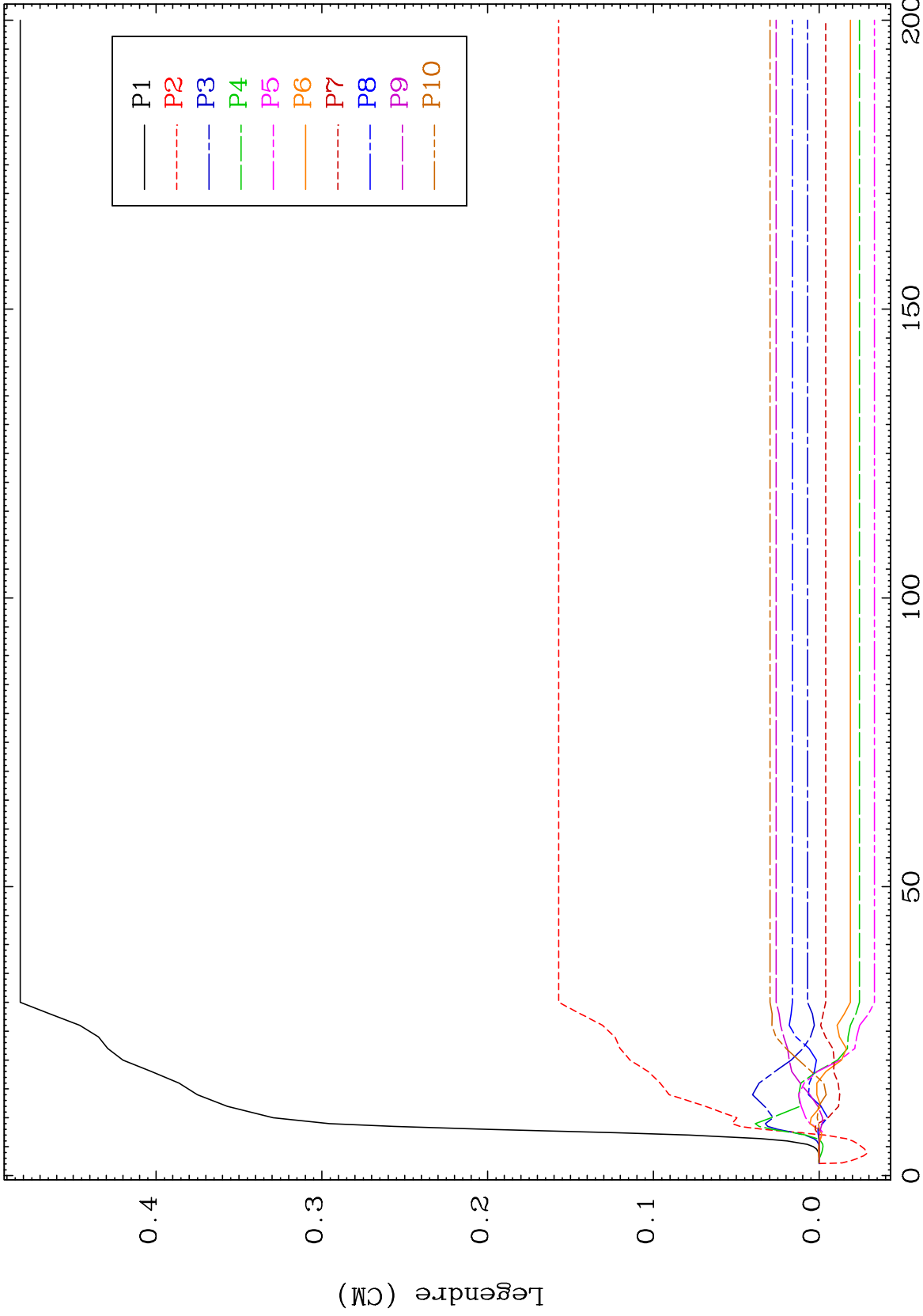
83

85-At-211

MAT 8549

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

85-At-211



84

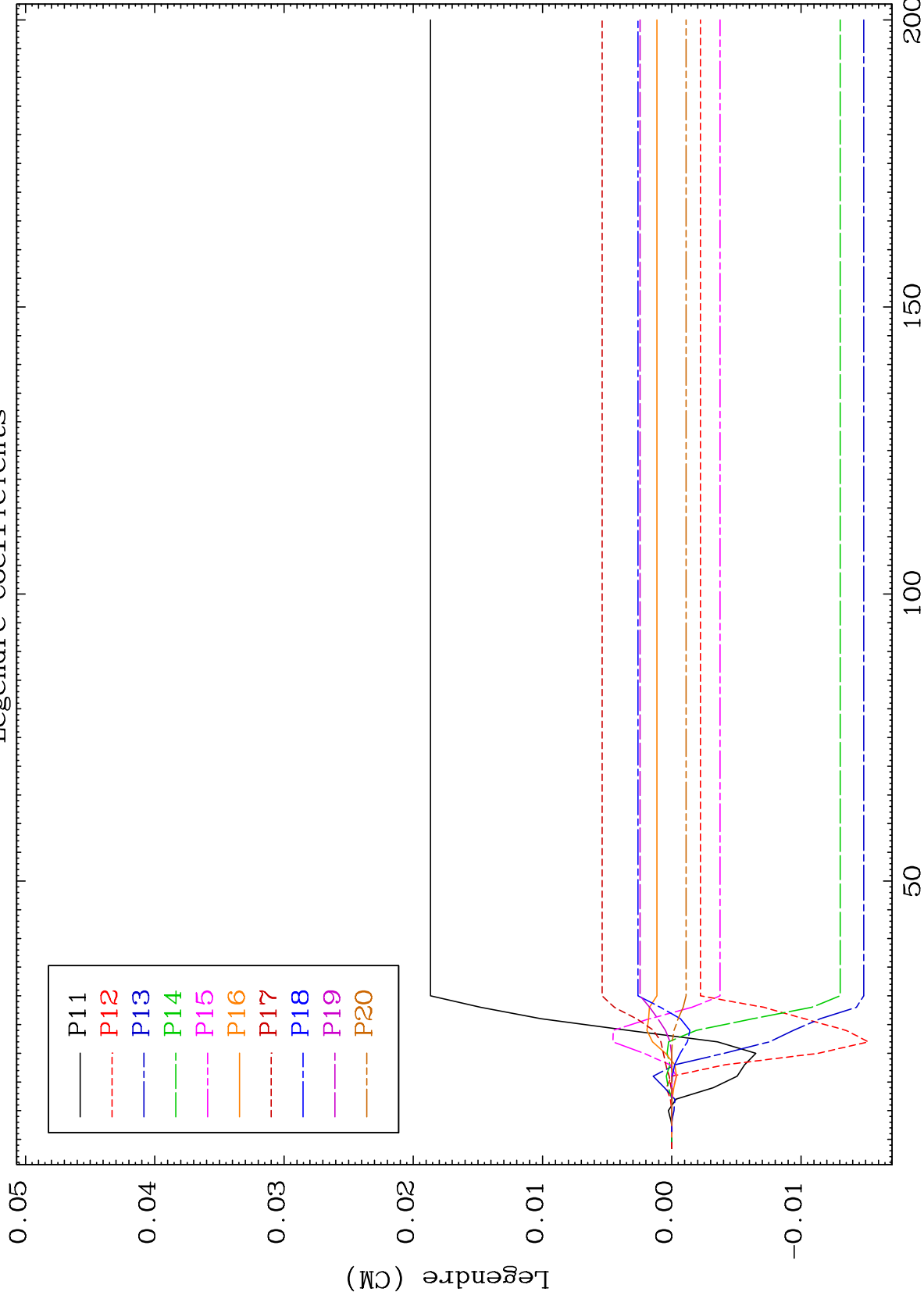
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



85

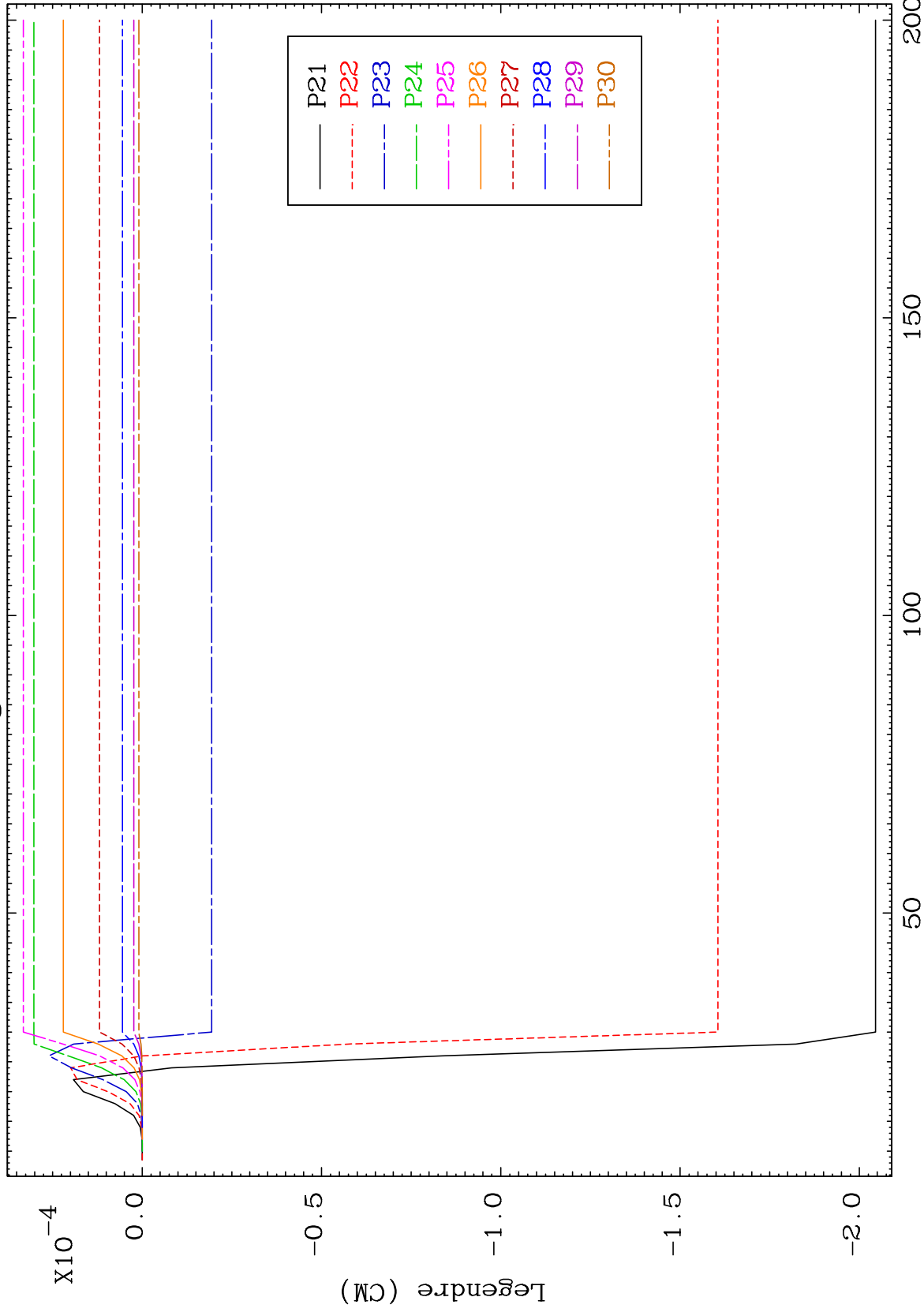
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



86

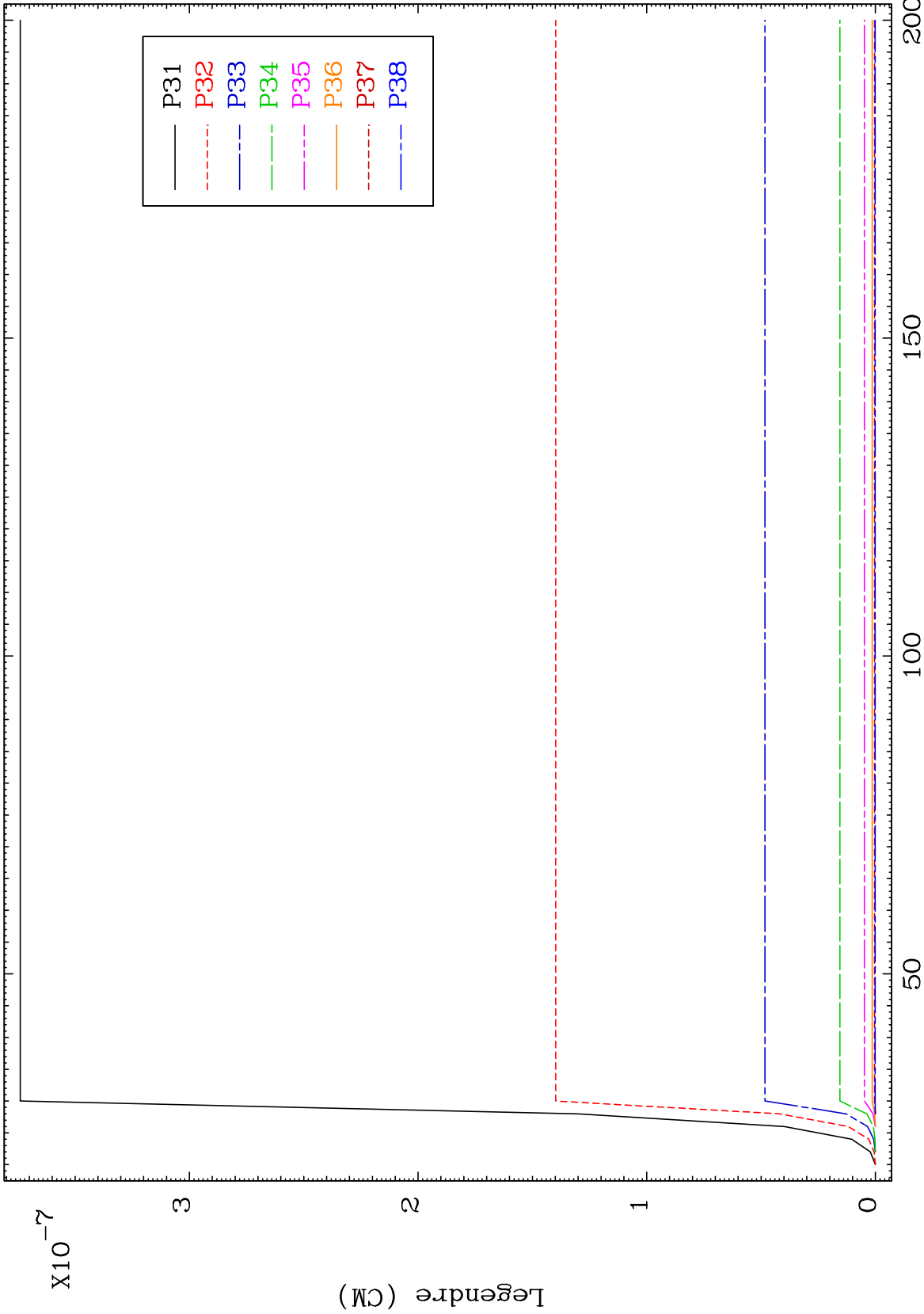
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



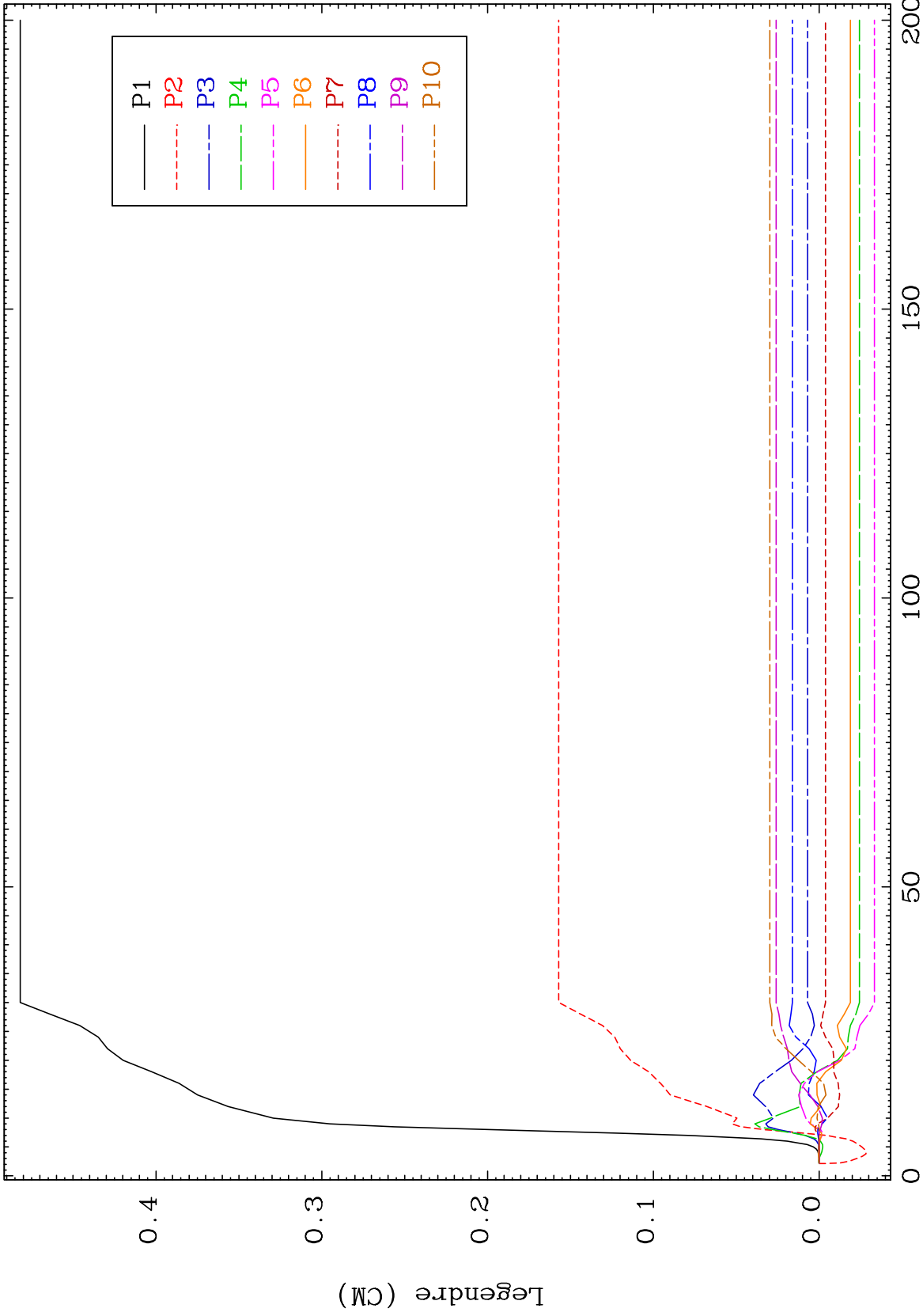
87

85-At-211

MAT 8549

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

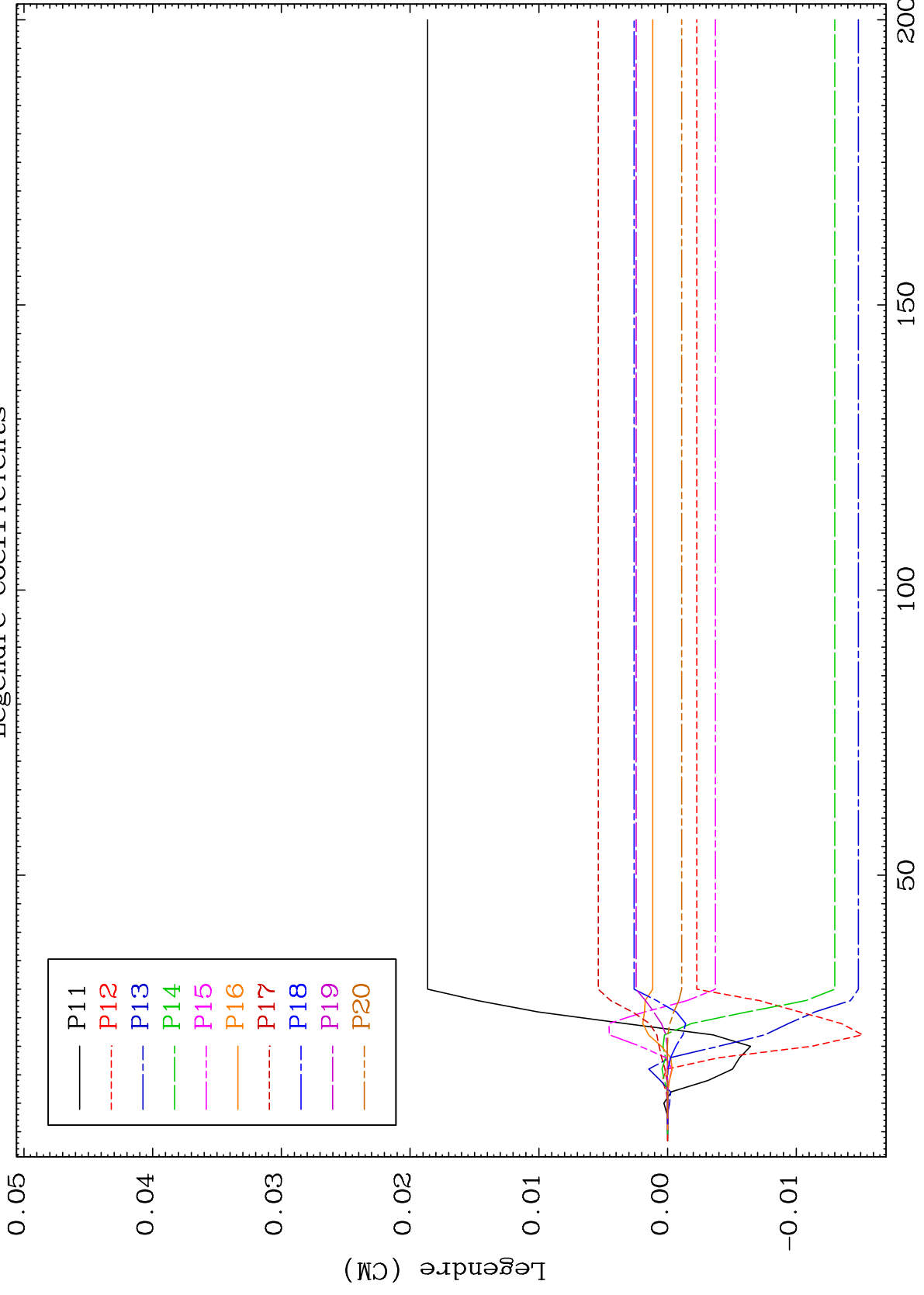
85-At-211



88

Incident Energy (MeV)

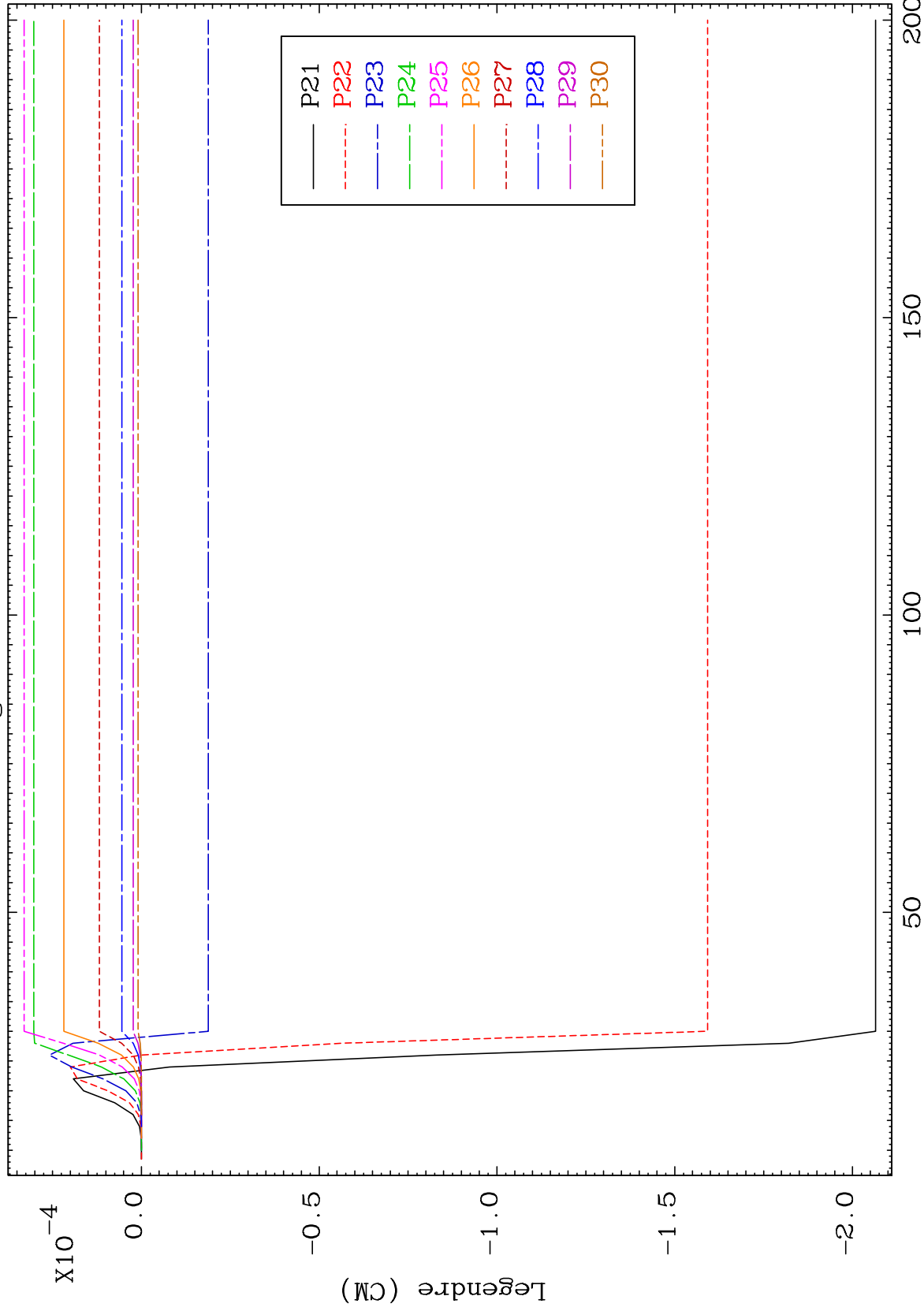
85-At-211



MAT 8549

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

85-At-211



90

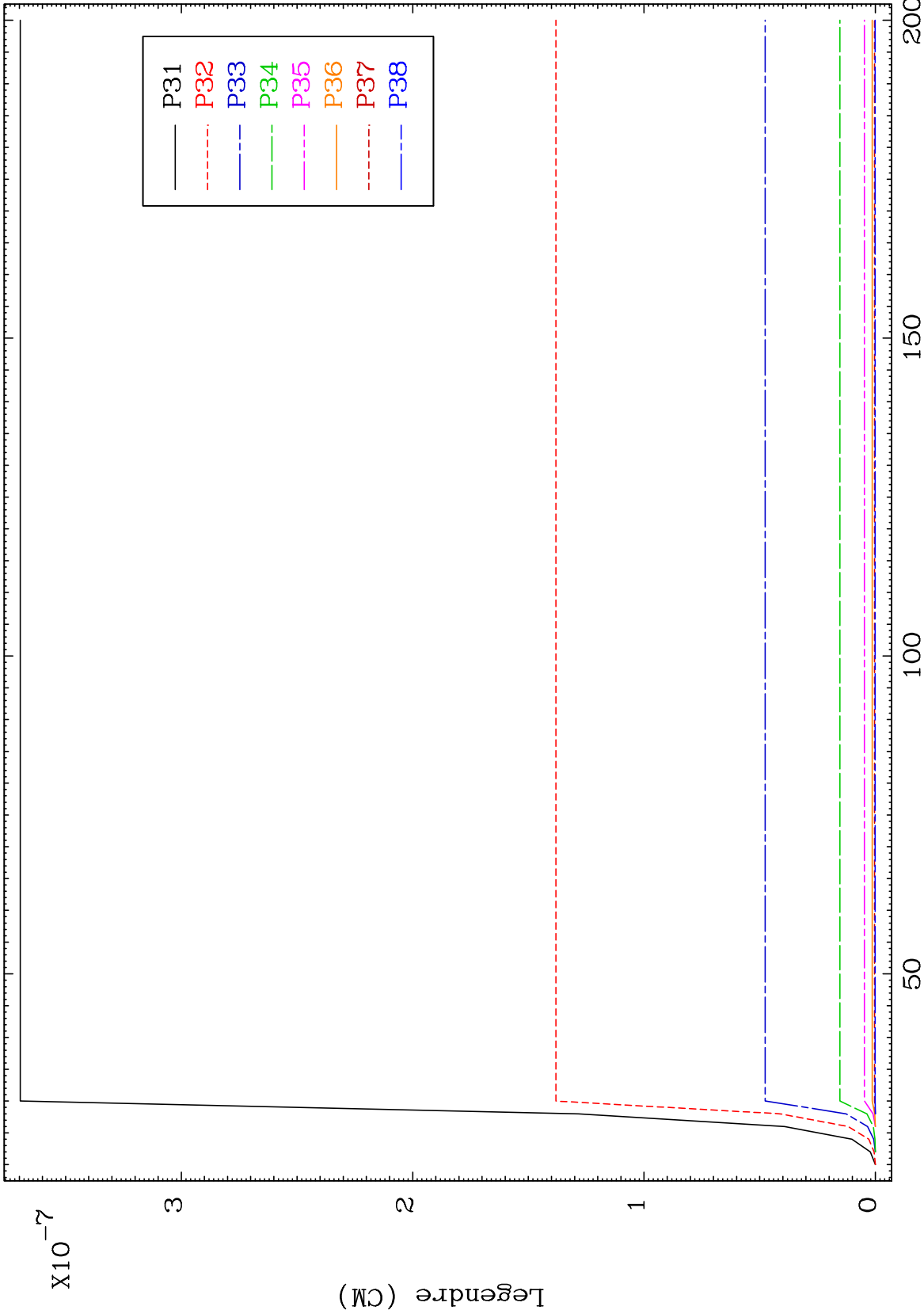
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



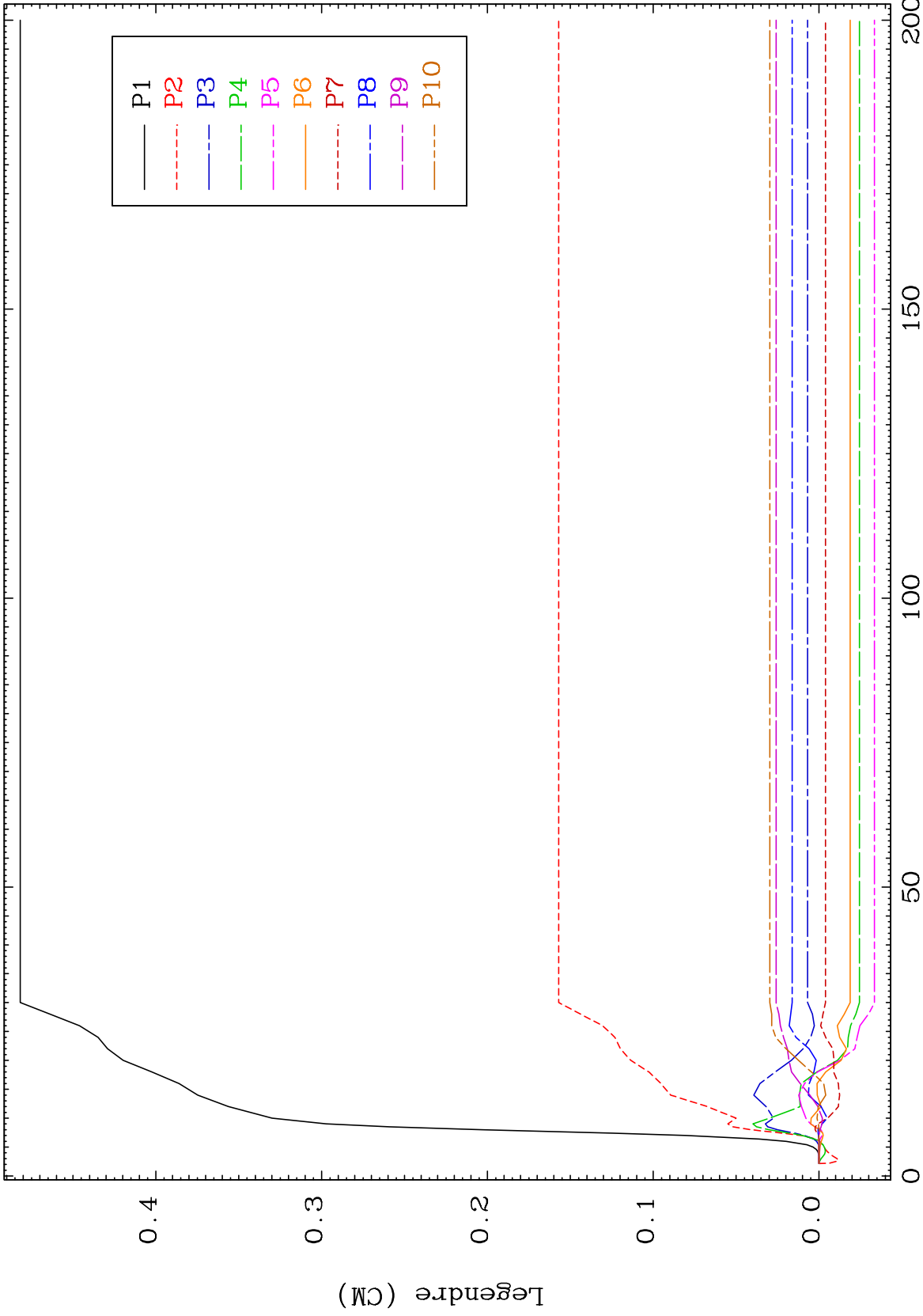
91

85-At-211

MAT 8549

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

85-At-211



92

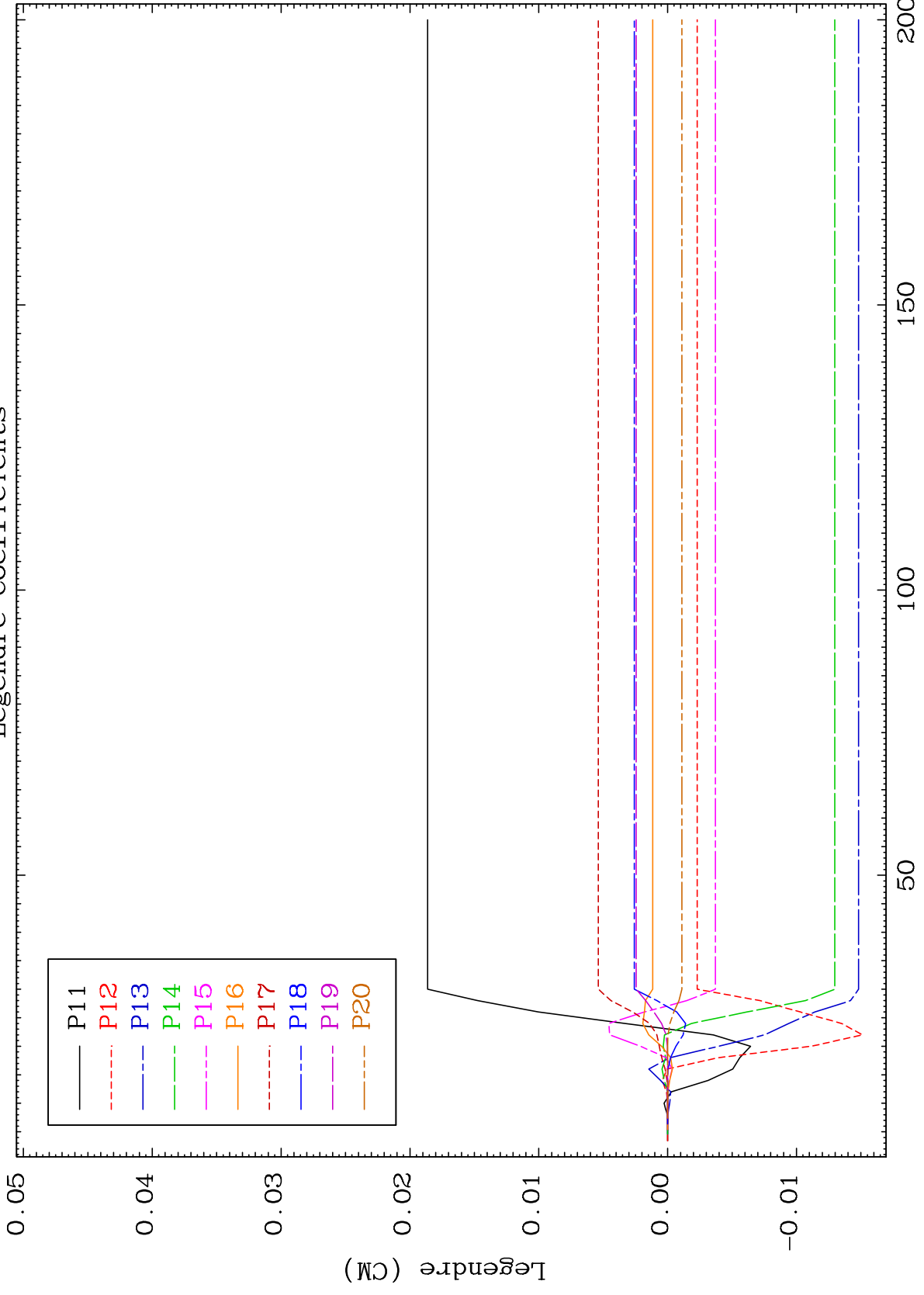
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



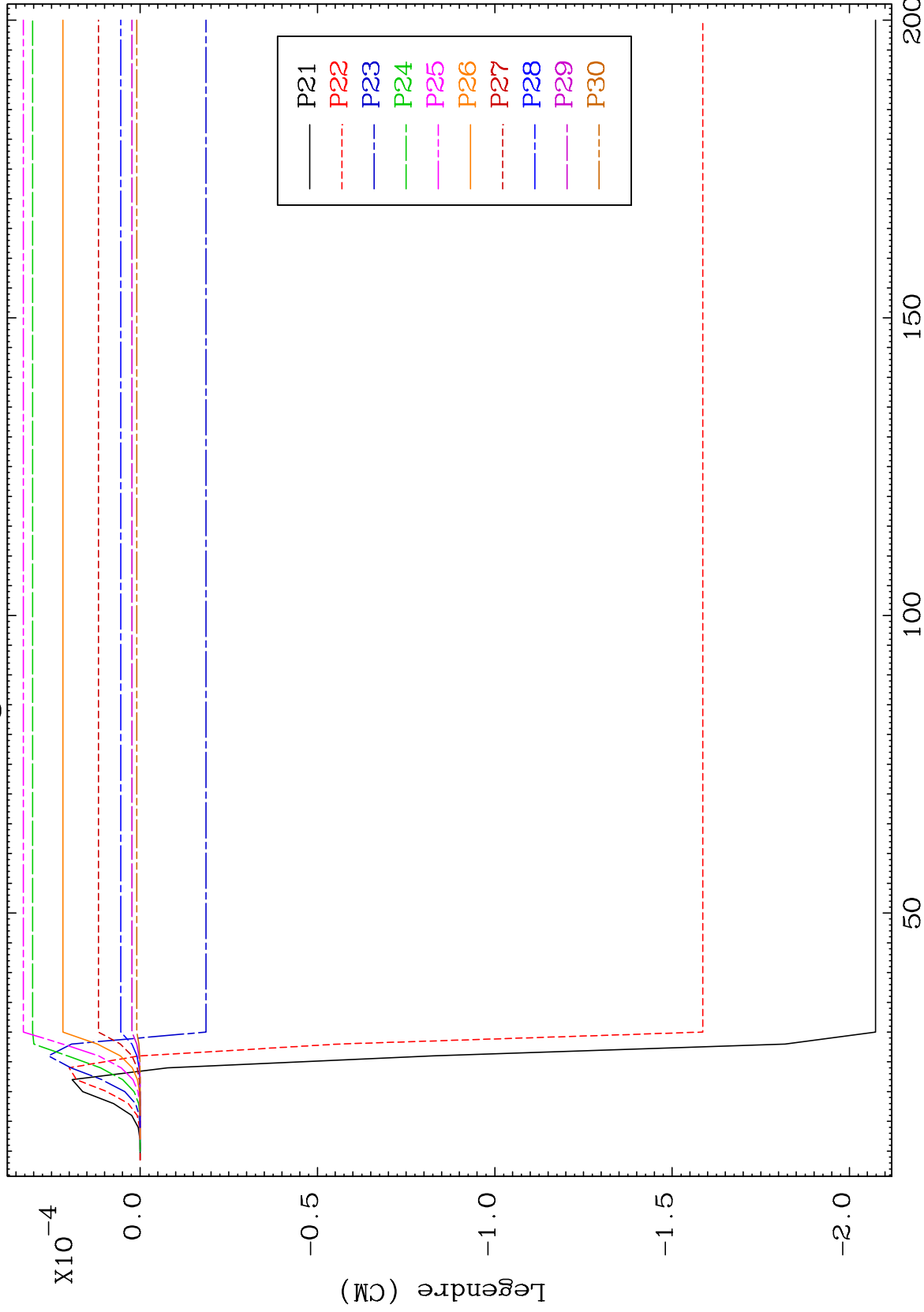
93

85-At-211

MAT 8549

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

85-At-211



94

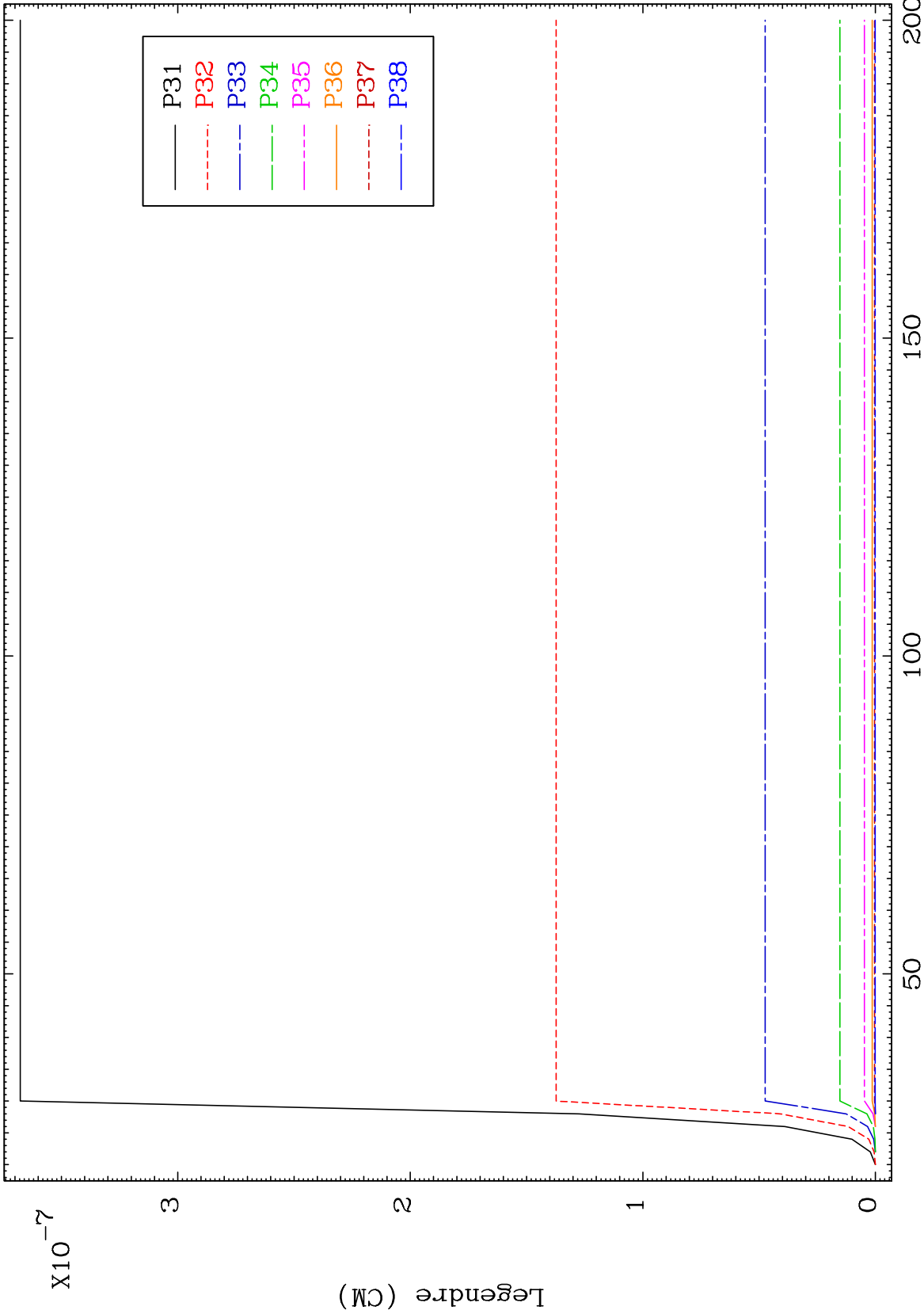
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



95

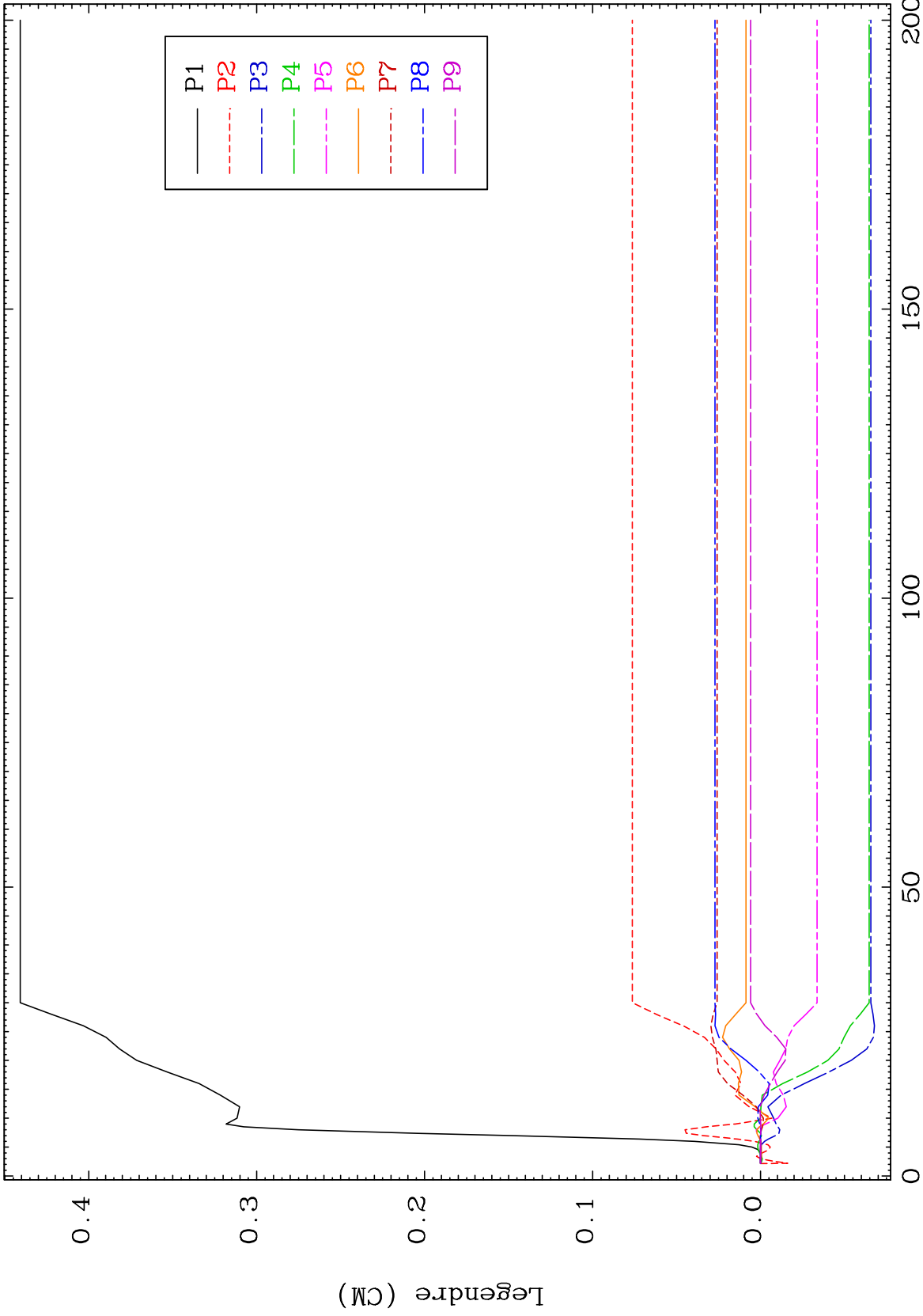
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



96

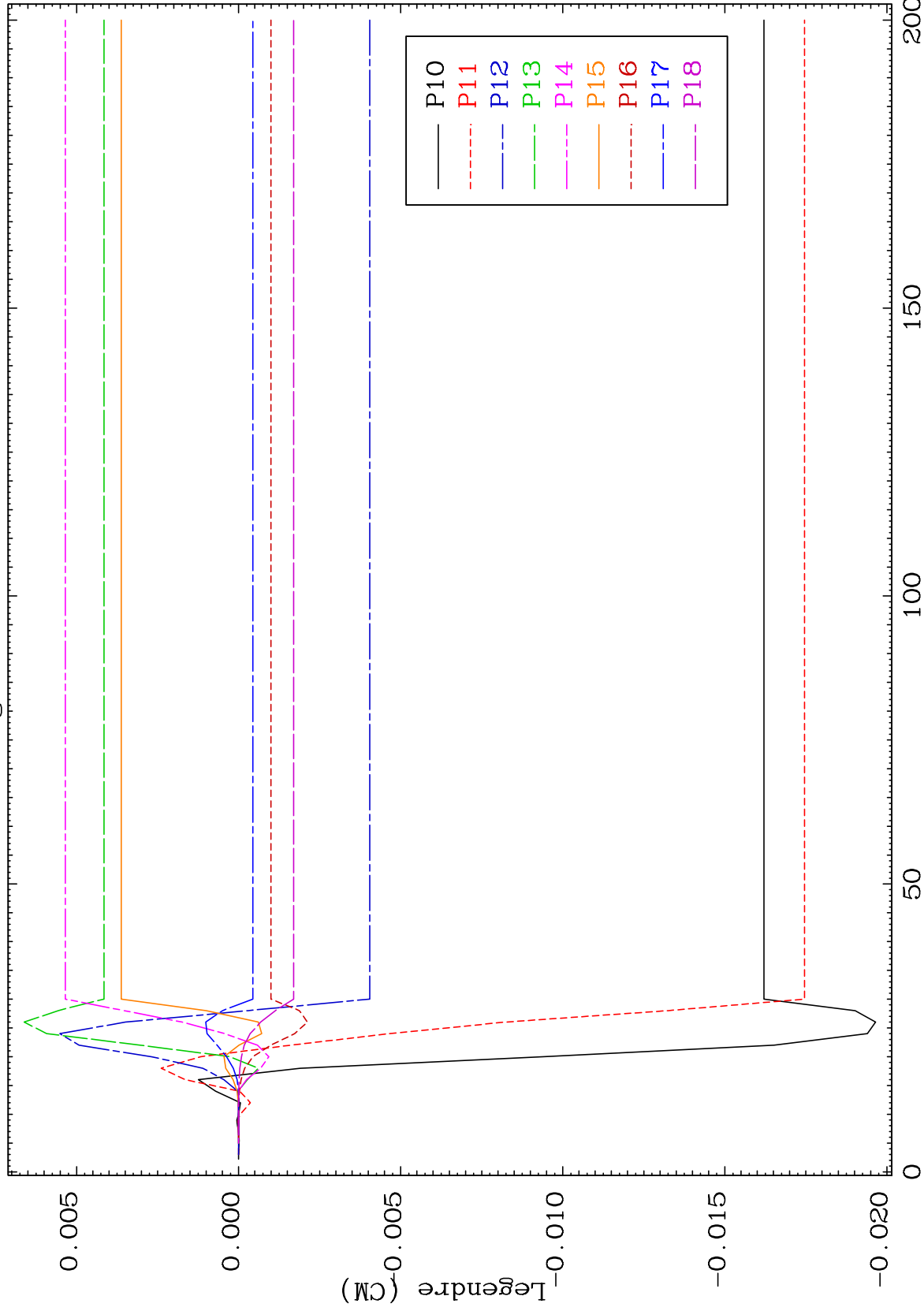
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



97

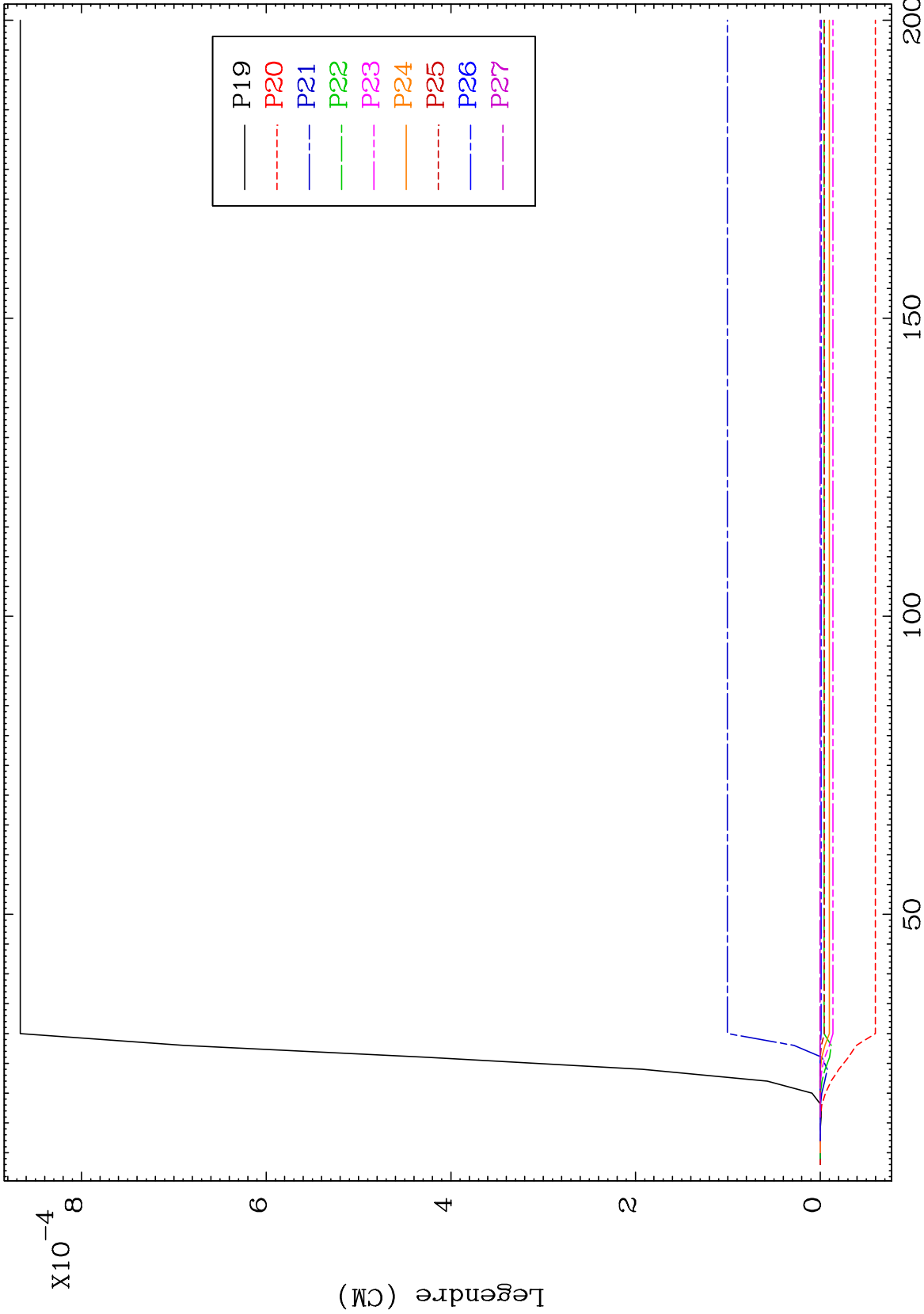
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



98

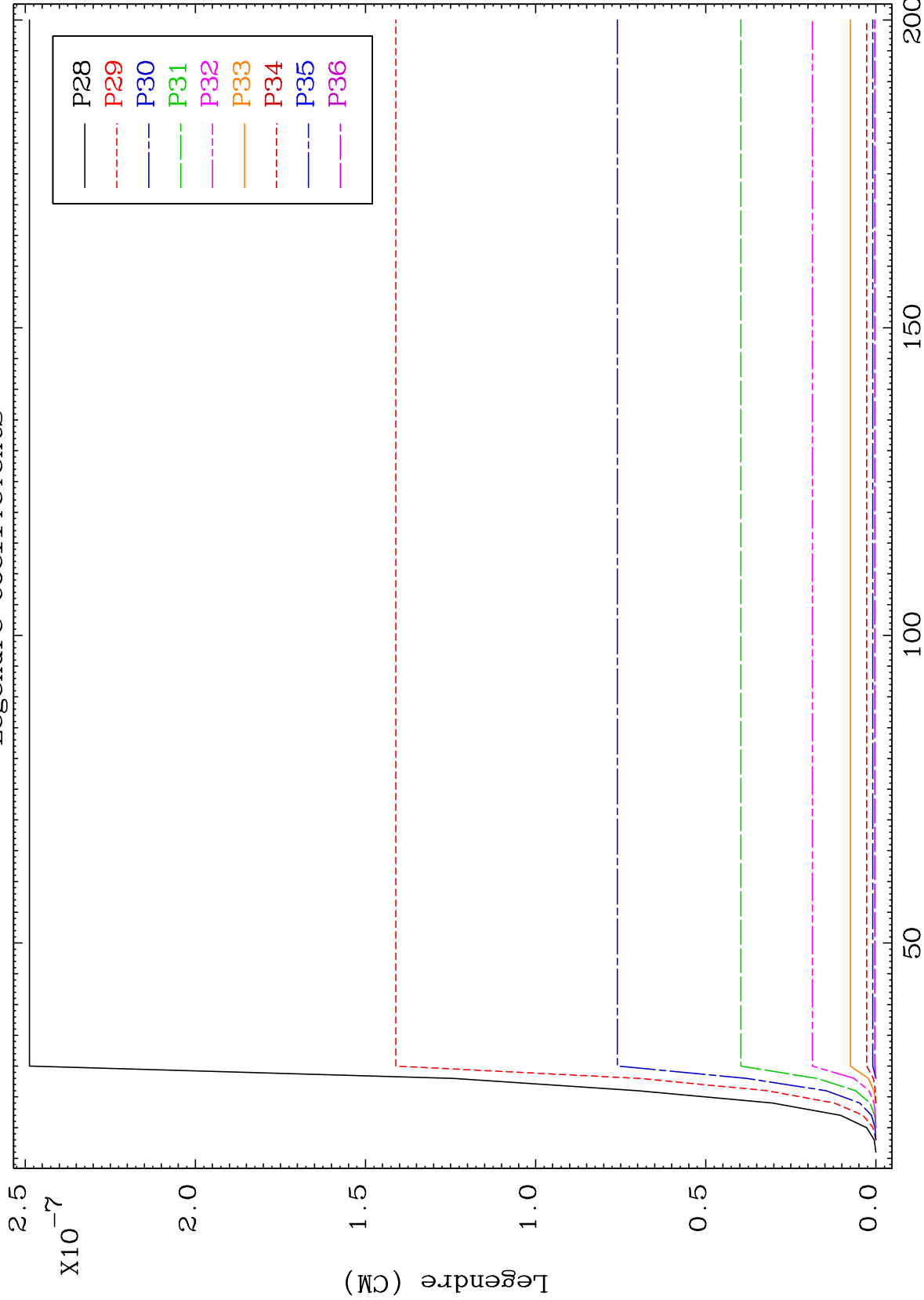
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



99

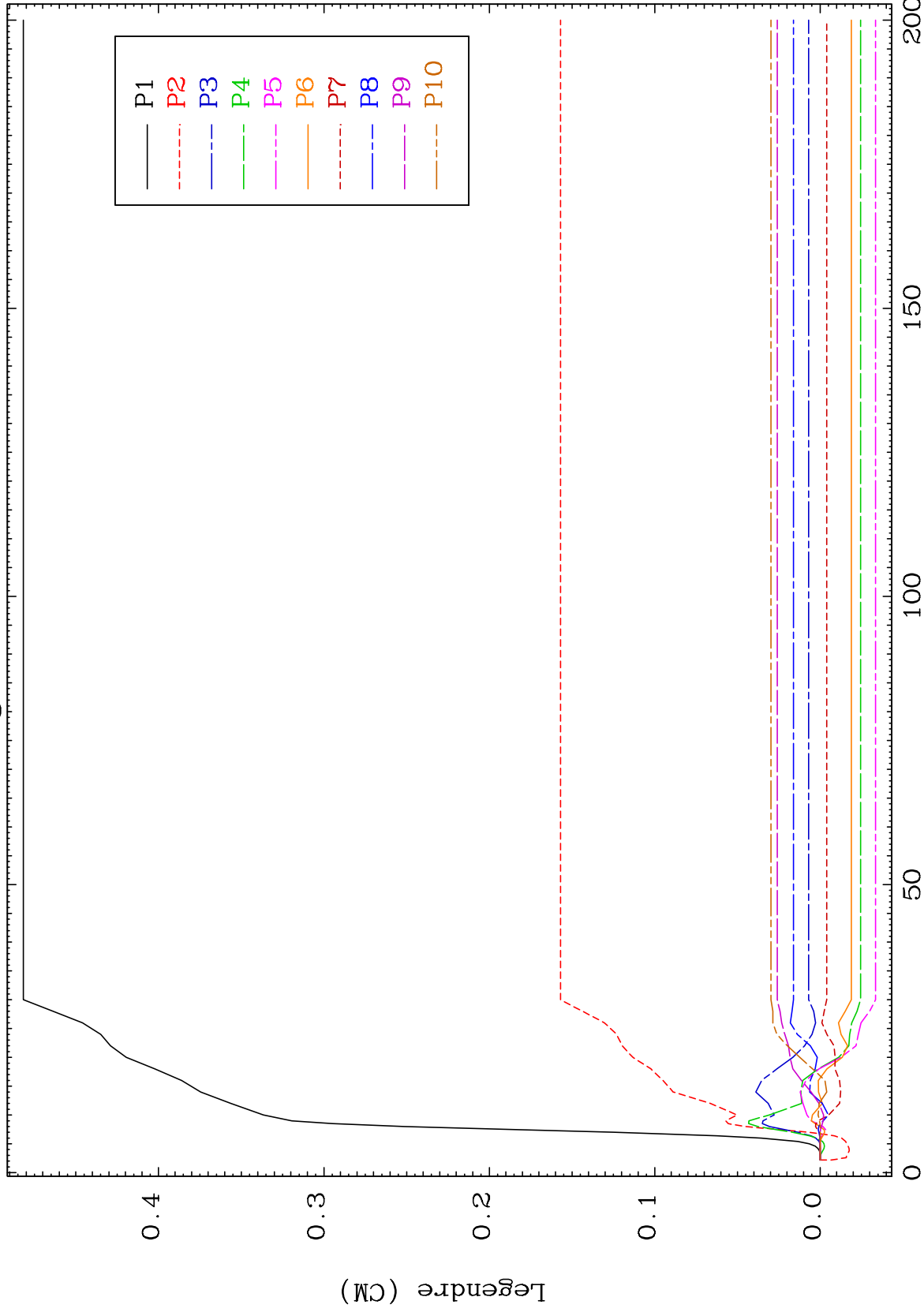
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



85-At-211

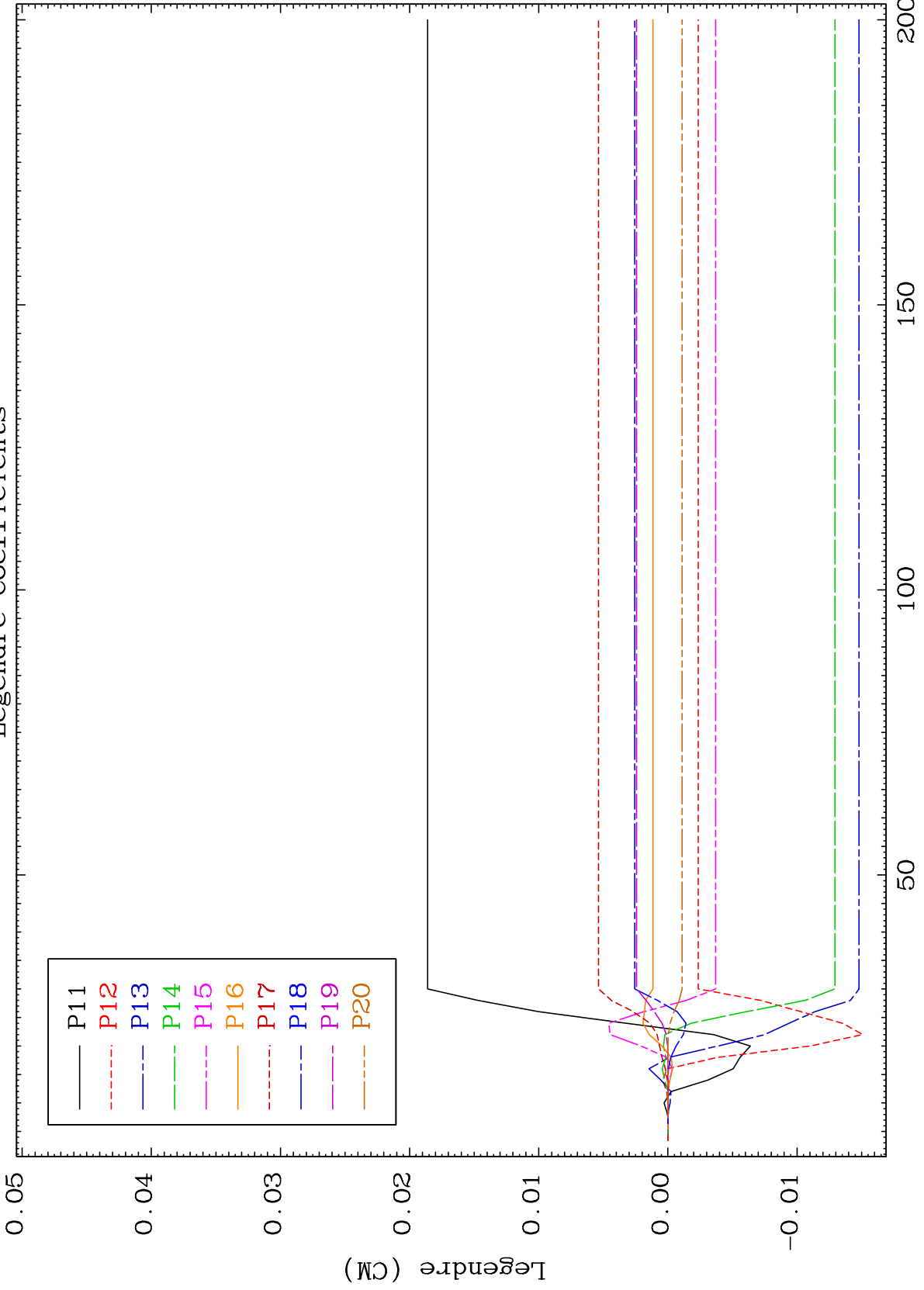
Incident Energy (MeV)

100

MAT 8549

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

85-At-211



101

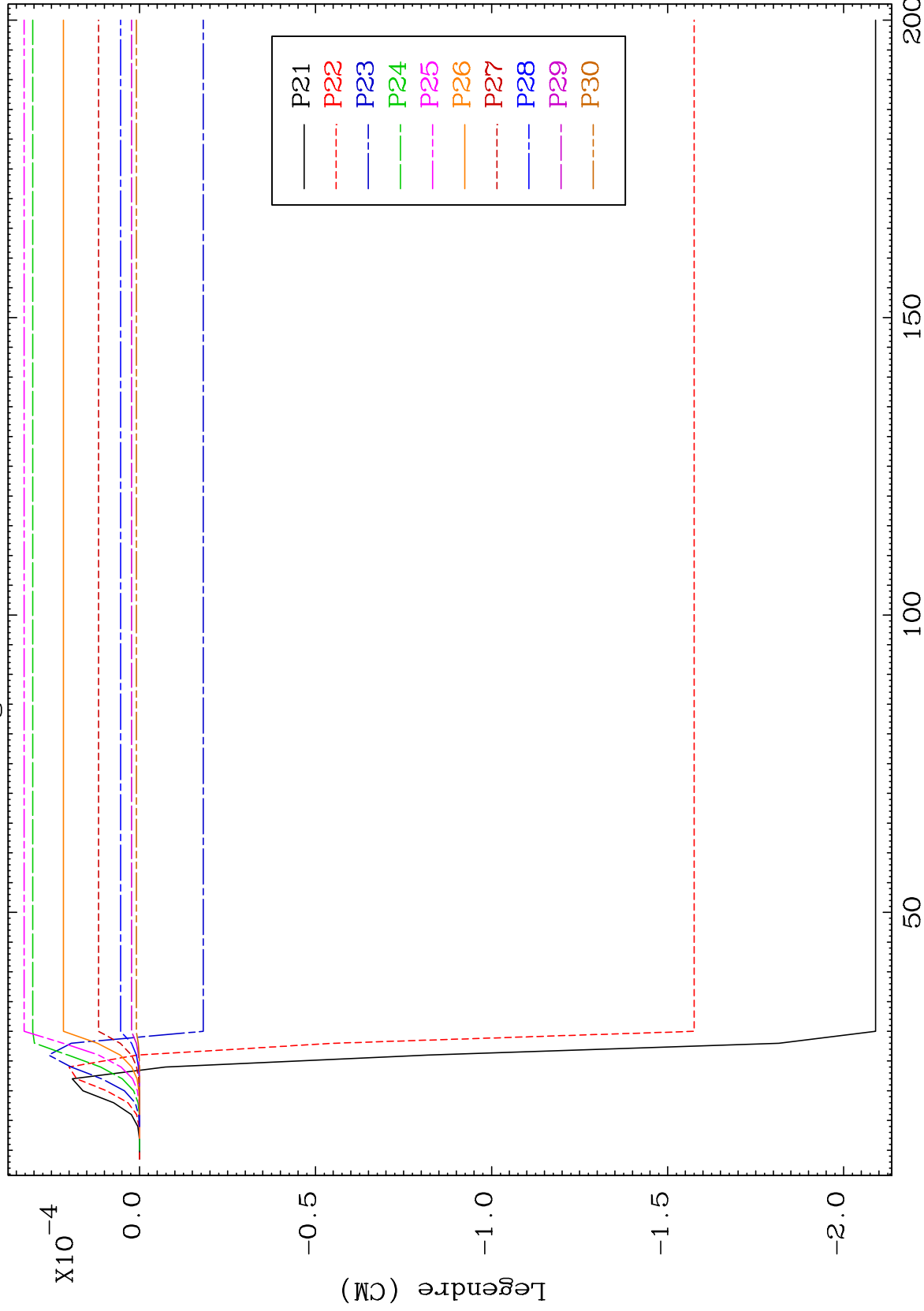
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



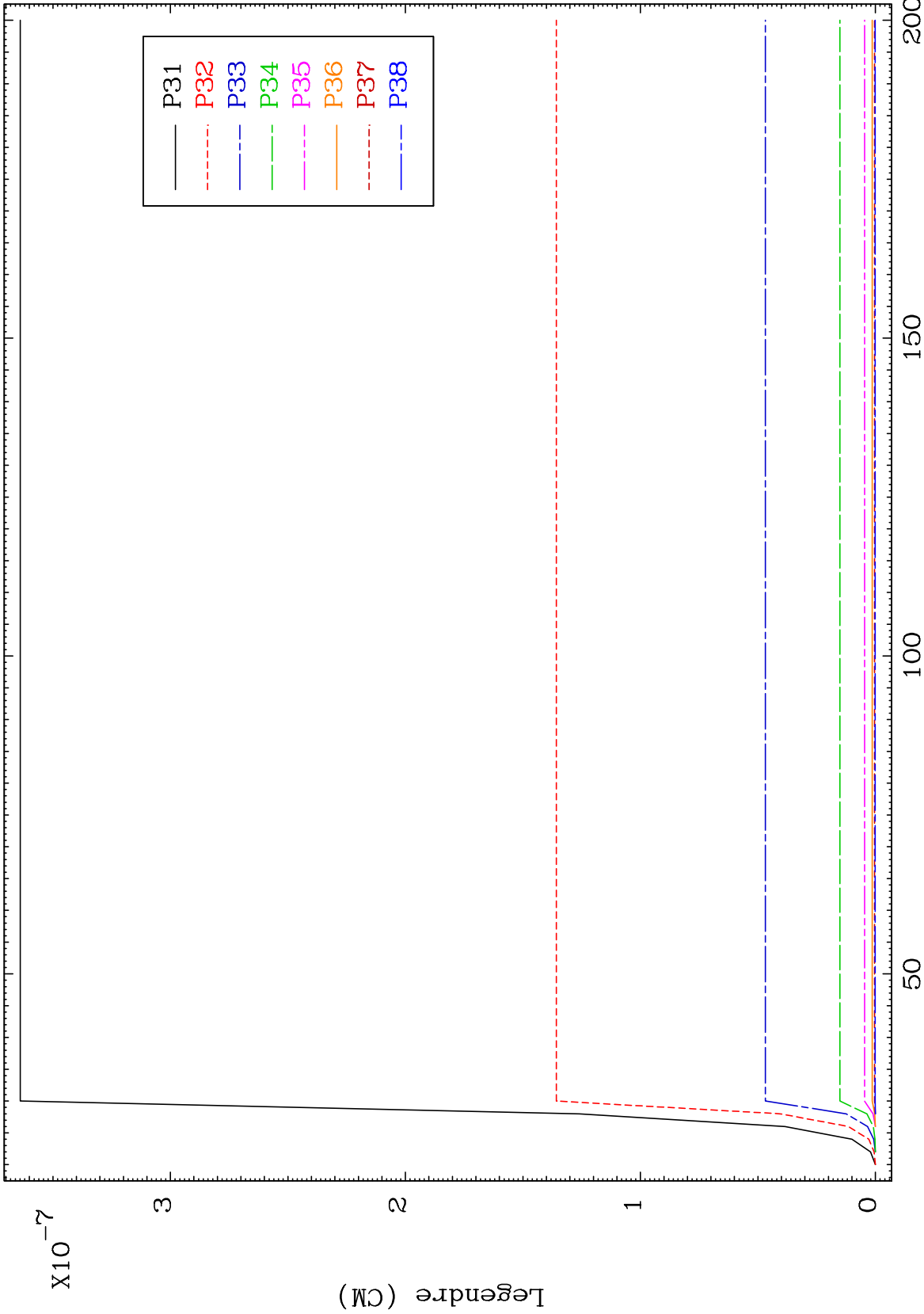
102

85-At-211

MAT 8549

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

85-At-211



103

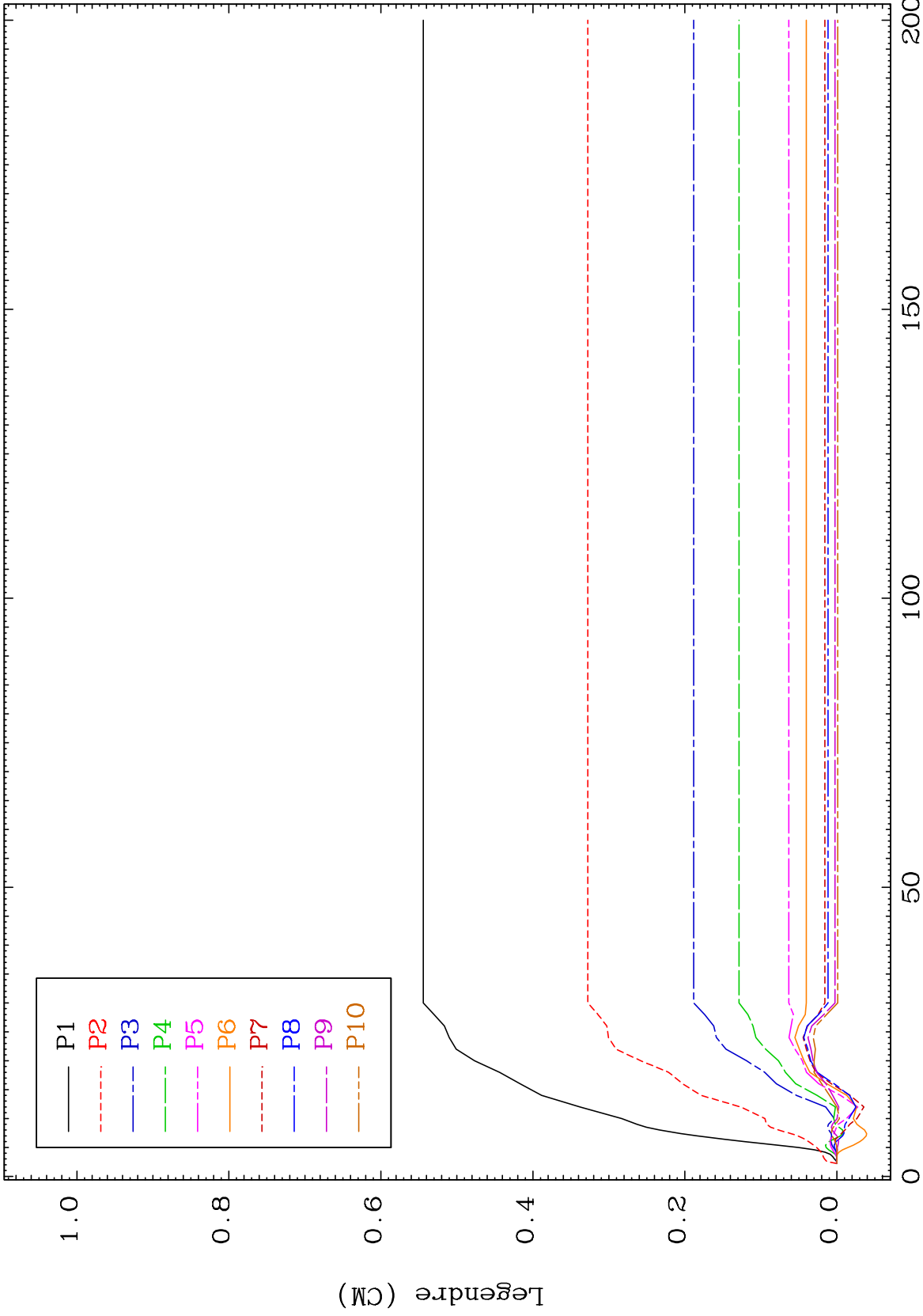
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



104

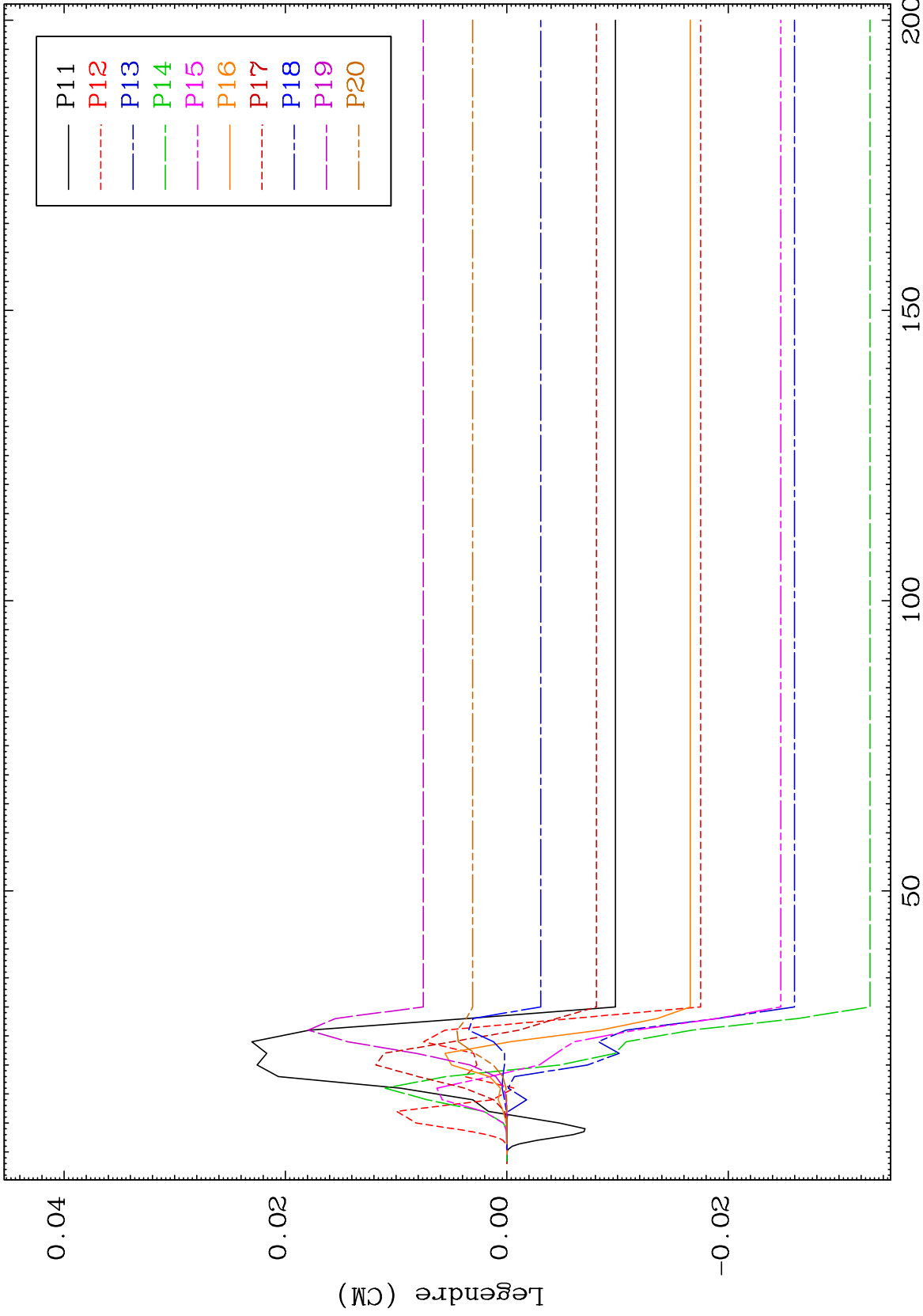
Incident Energy (MeV)

85-At-211

MAT 8549

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

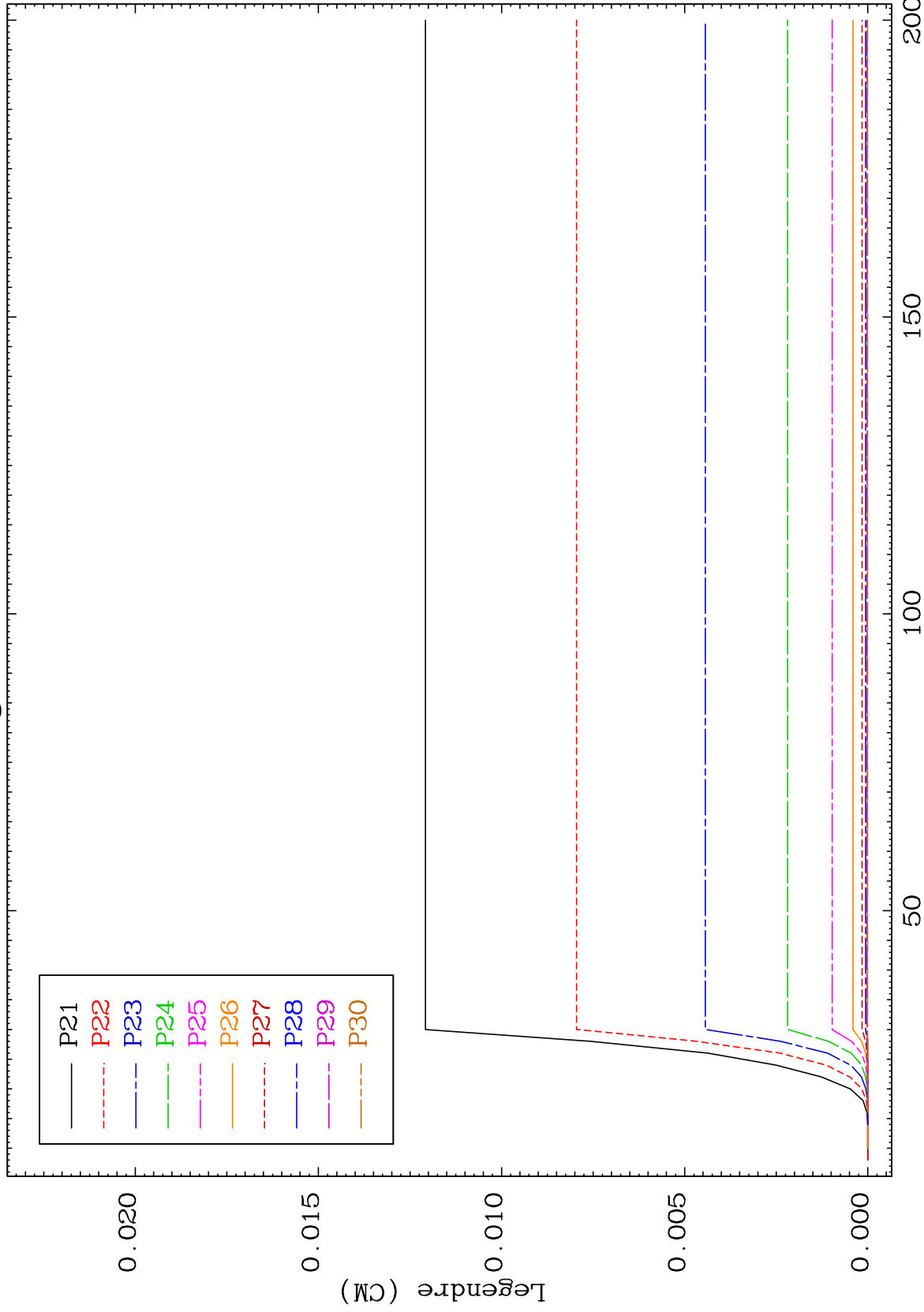
85-At-211



105

Incident Energy (MeV)

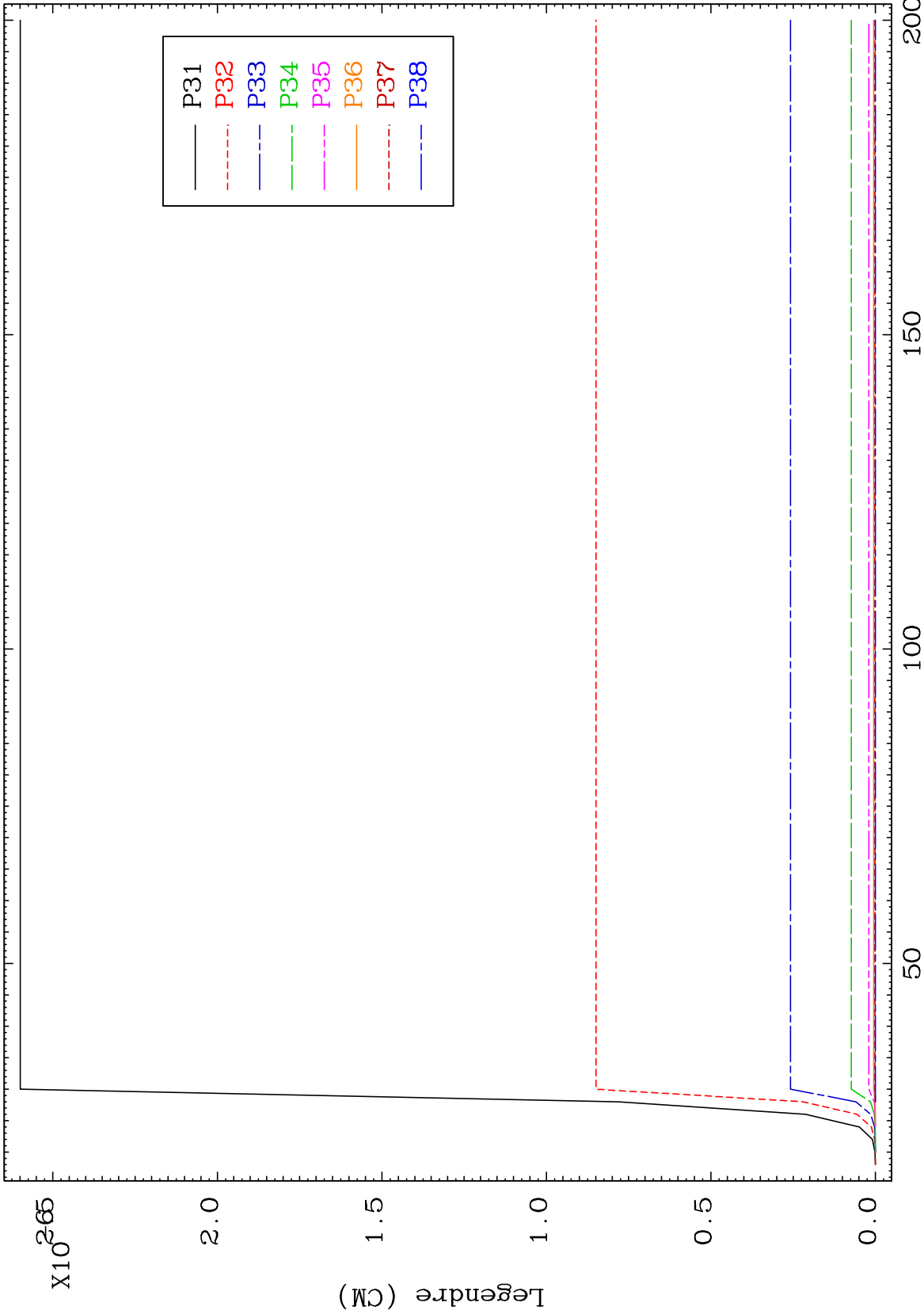
85-At-211



MAT 8549

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

85-At-211



107

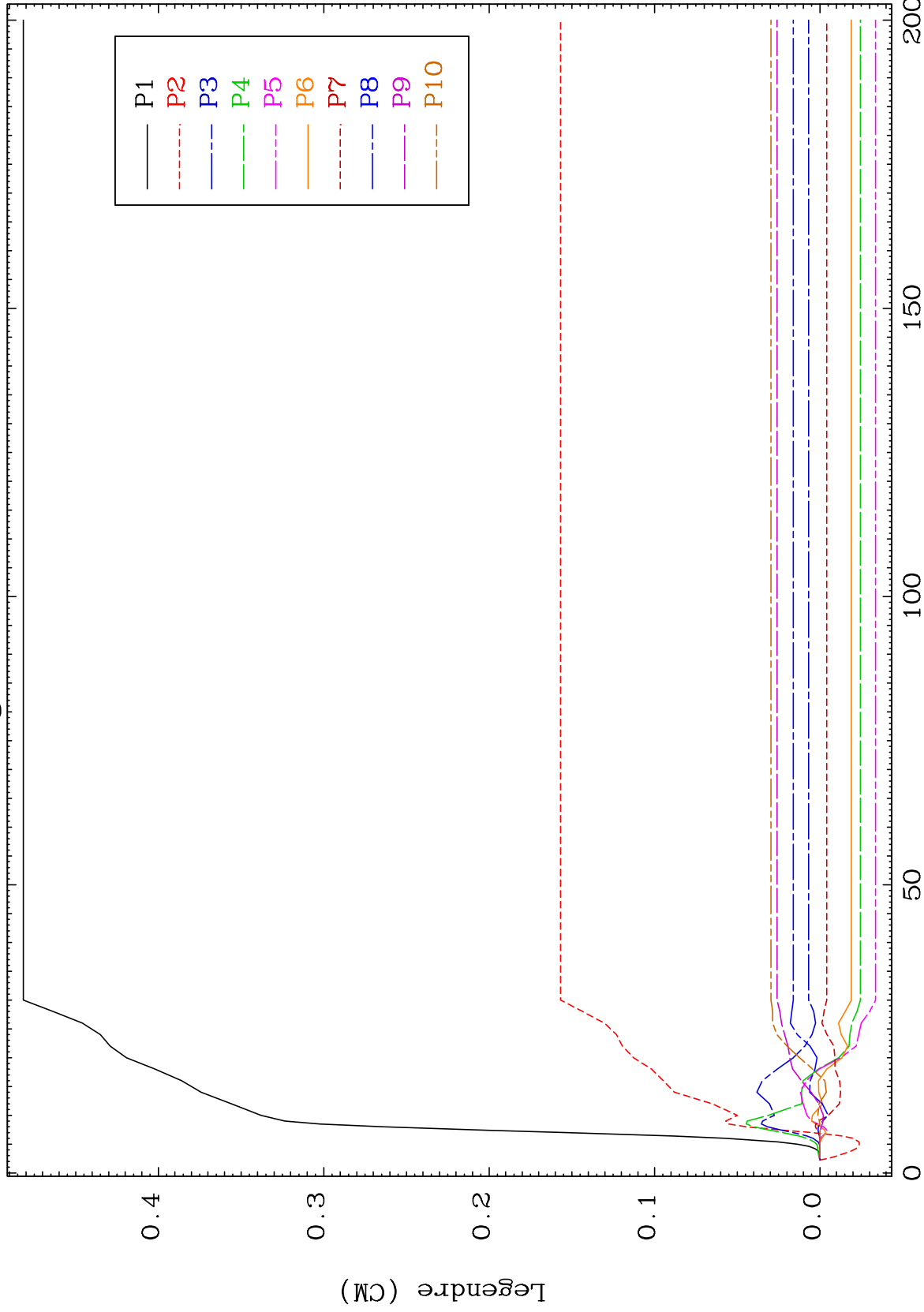
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



108

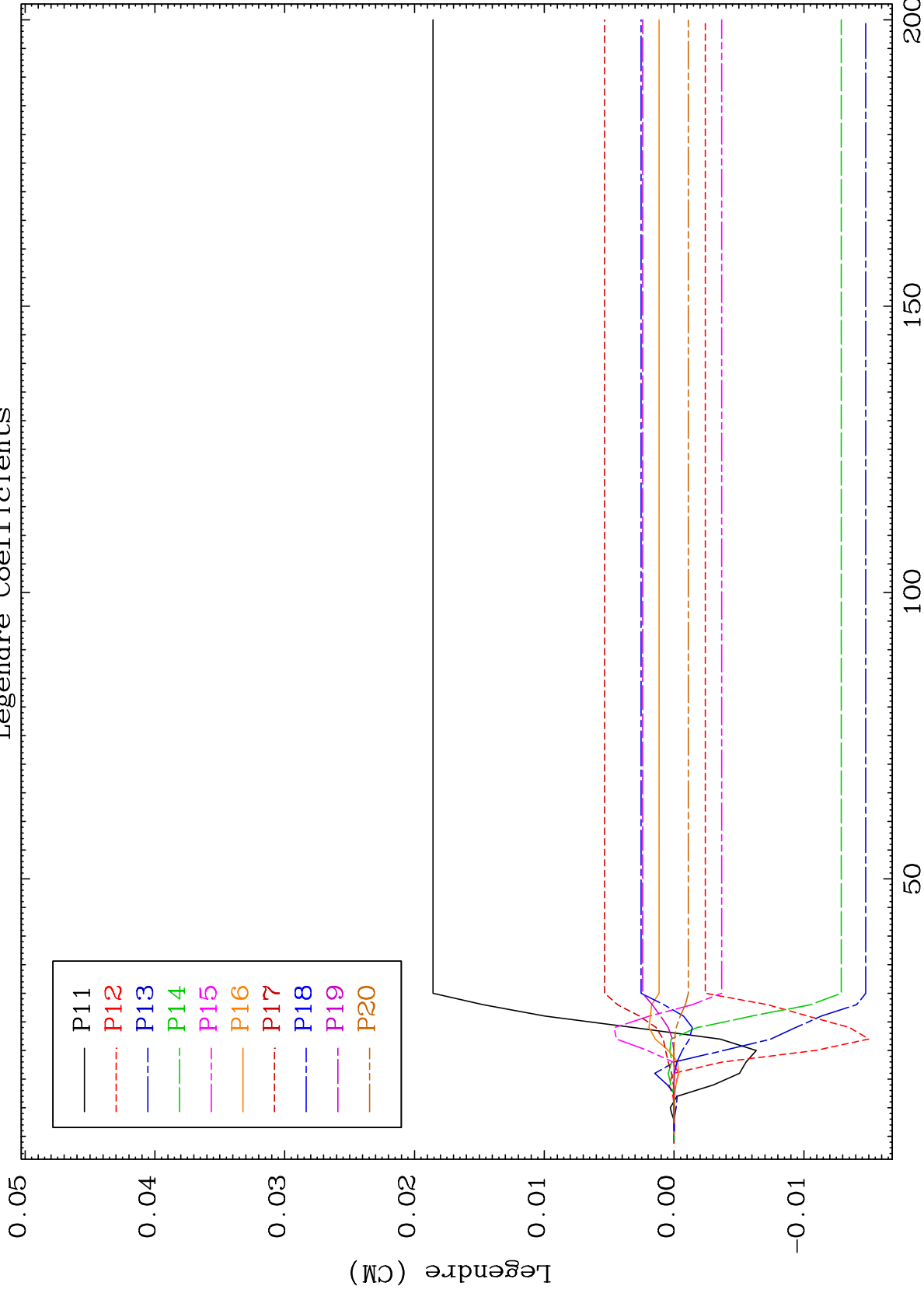
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



109

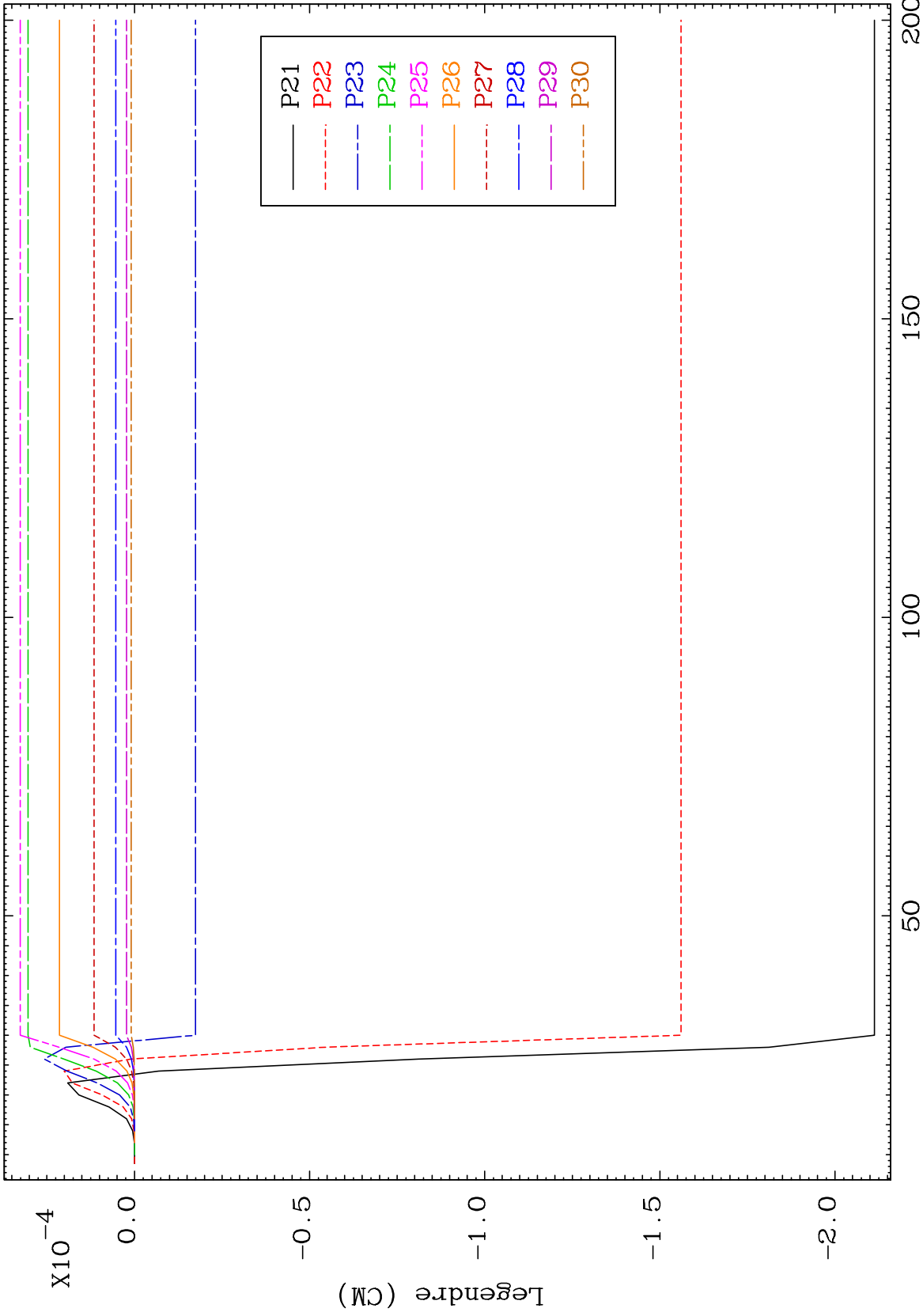
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



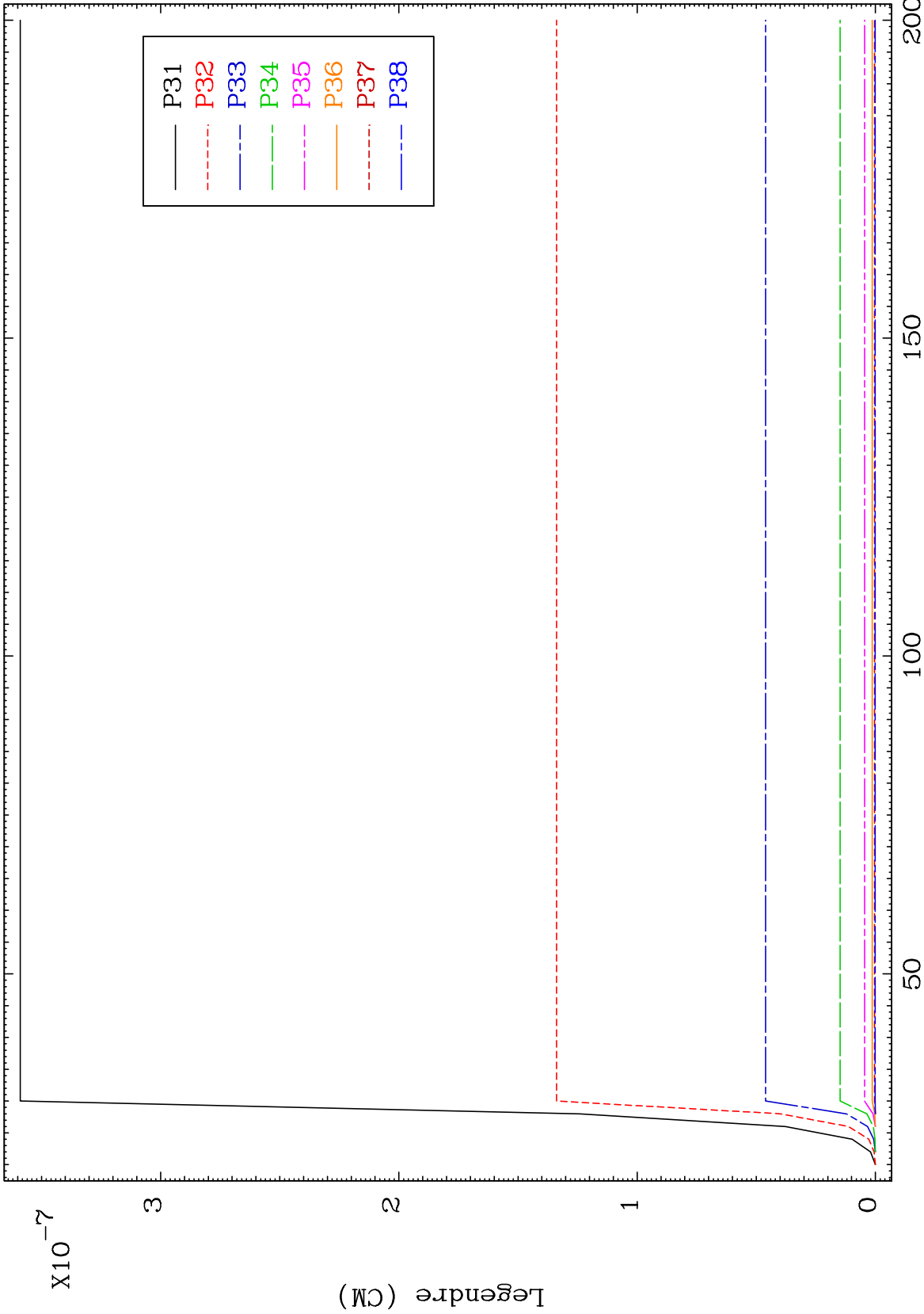
110

85-At-211

MAT 8549

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

85-At-211



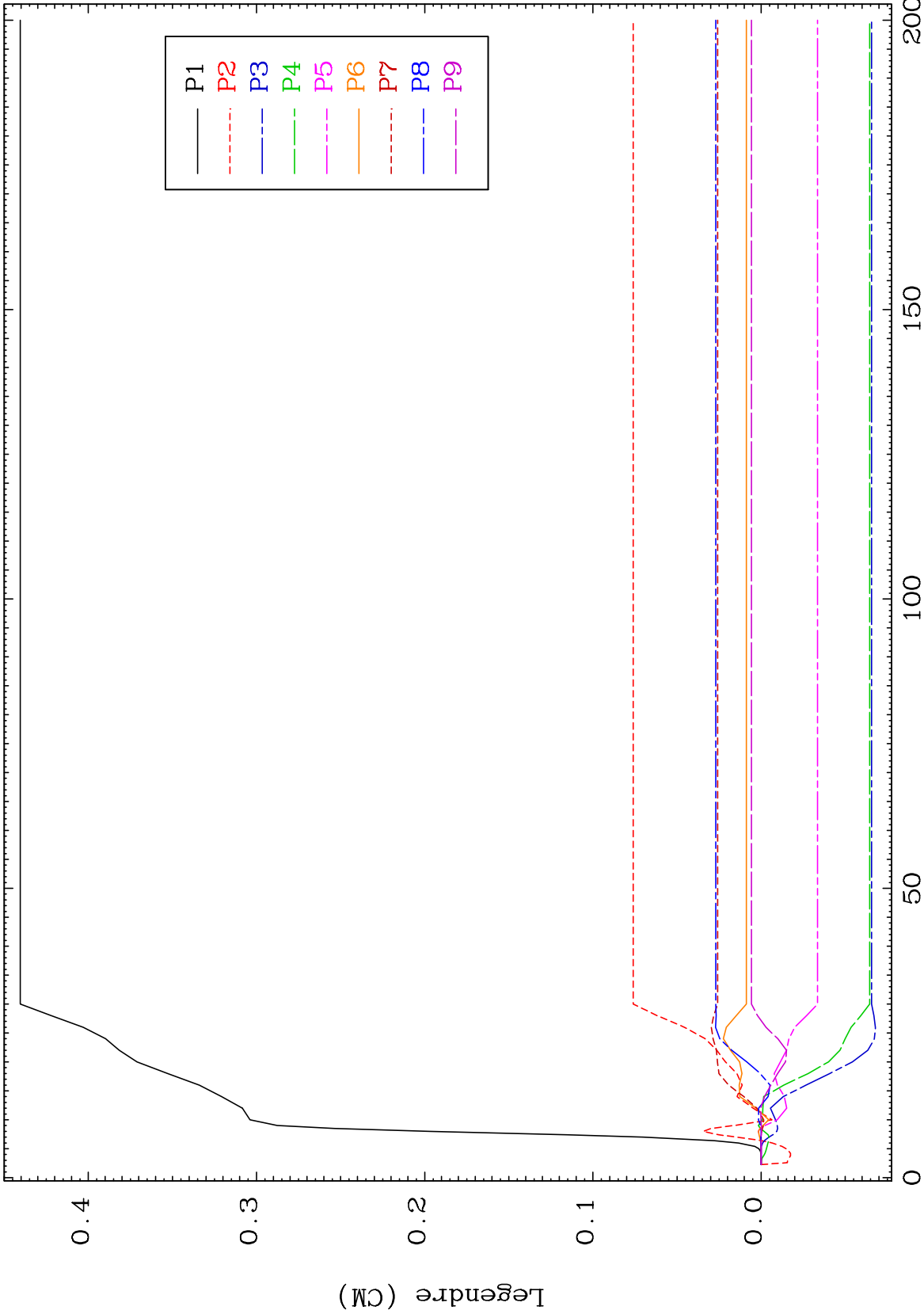
111

85-At-211

MAT 8549

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

85-At-211



112

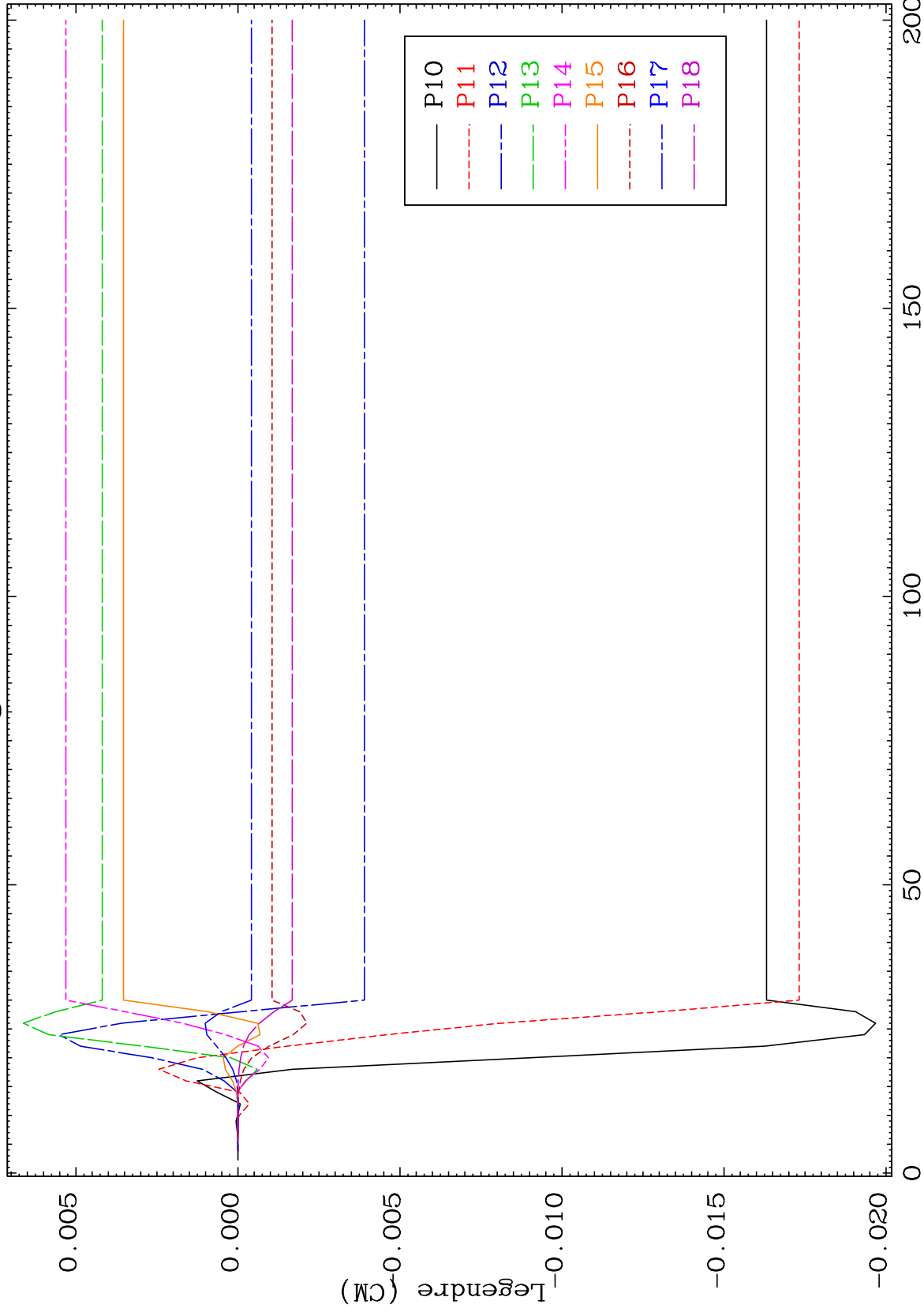
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



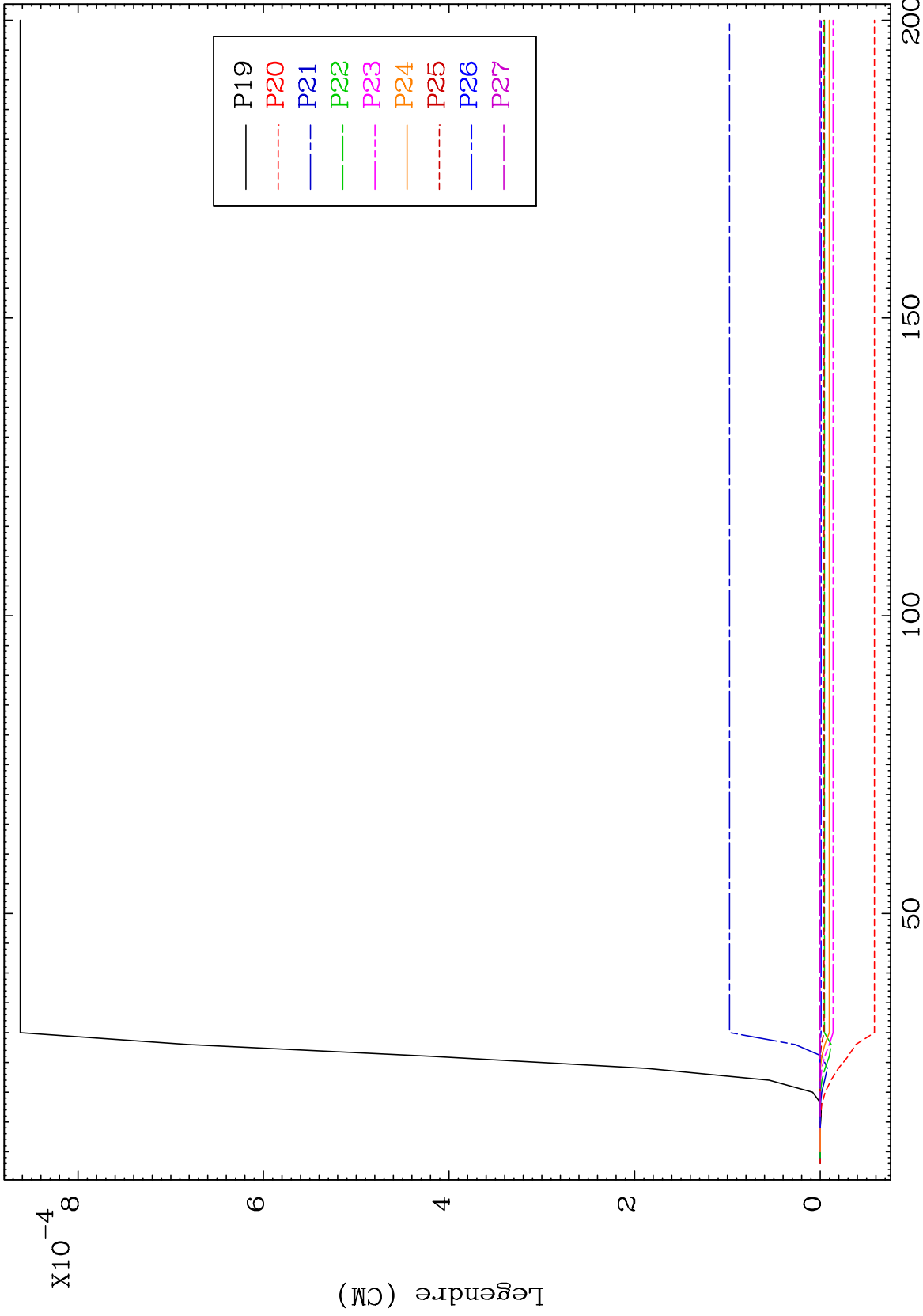
113

85-At-211

MAT 8549

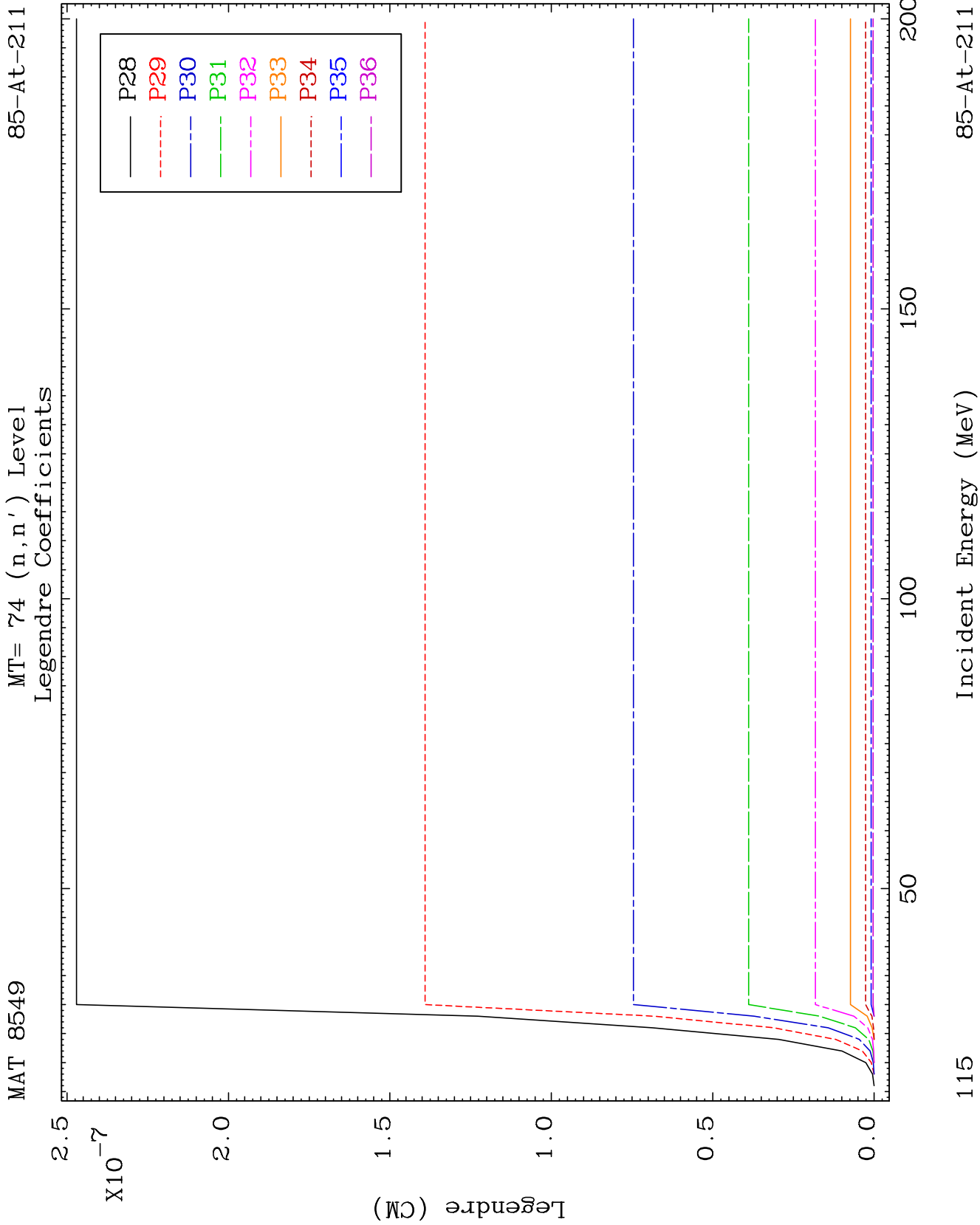
MT= 74 (n,n') Level
Legendre Coefficients

85-At-211



114

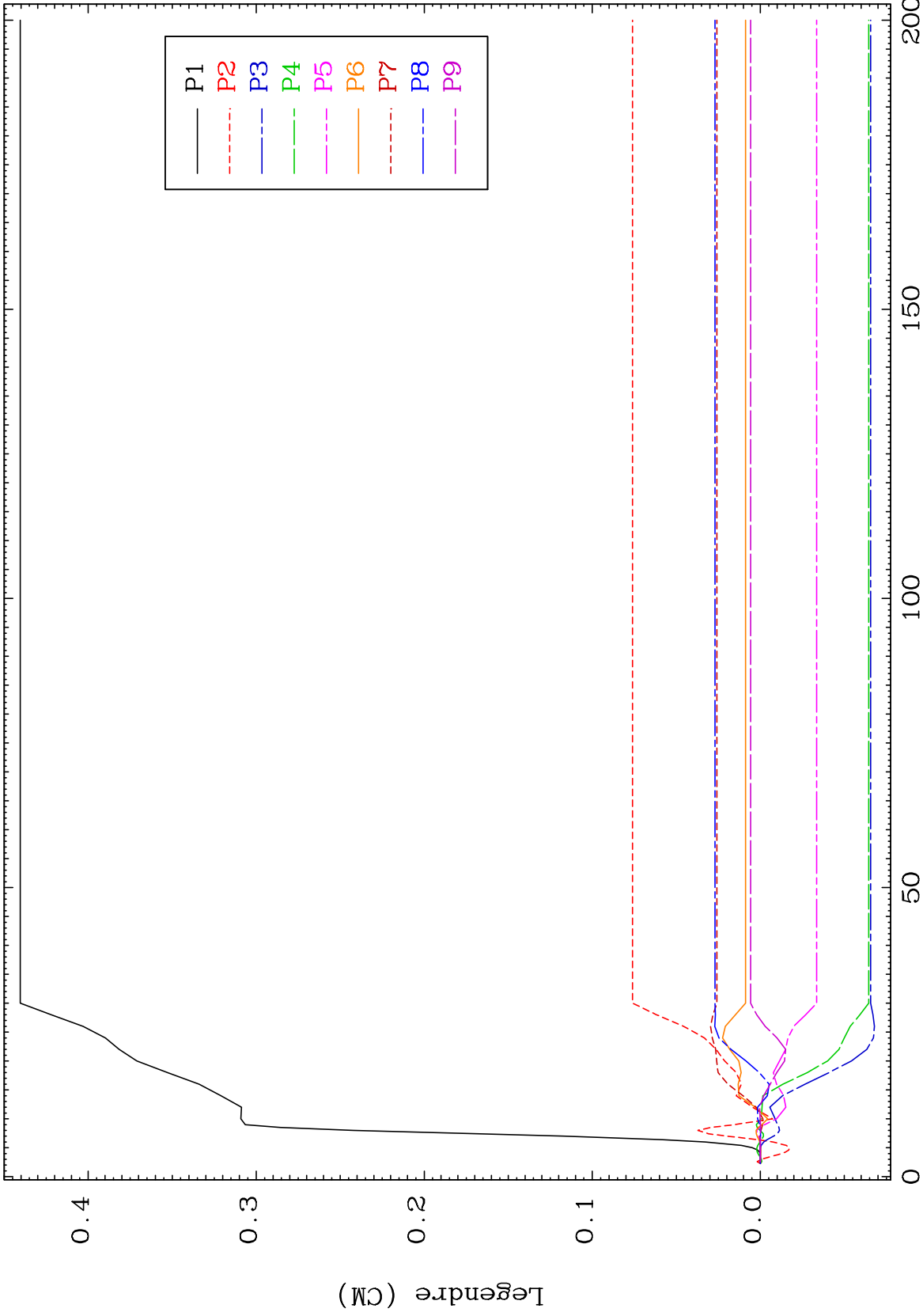
85-At-211



MAT 8549

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

85-At-211



116

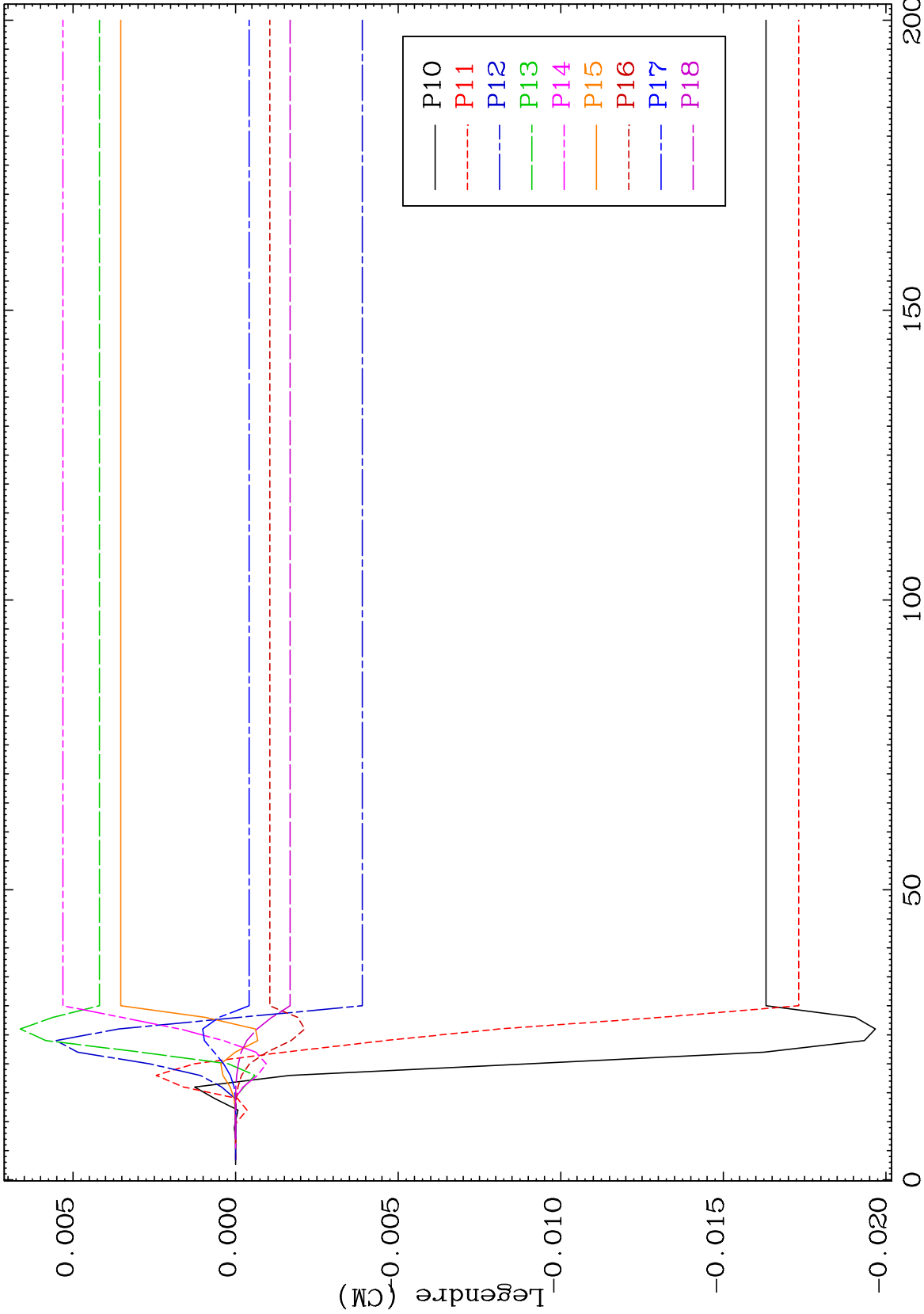
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



117

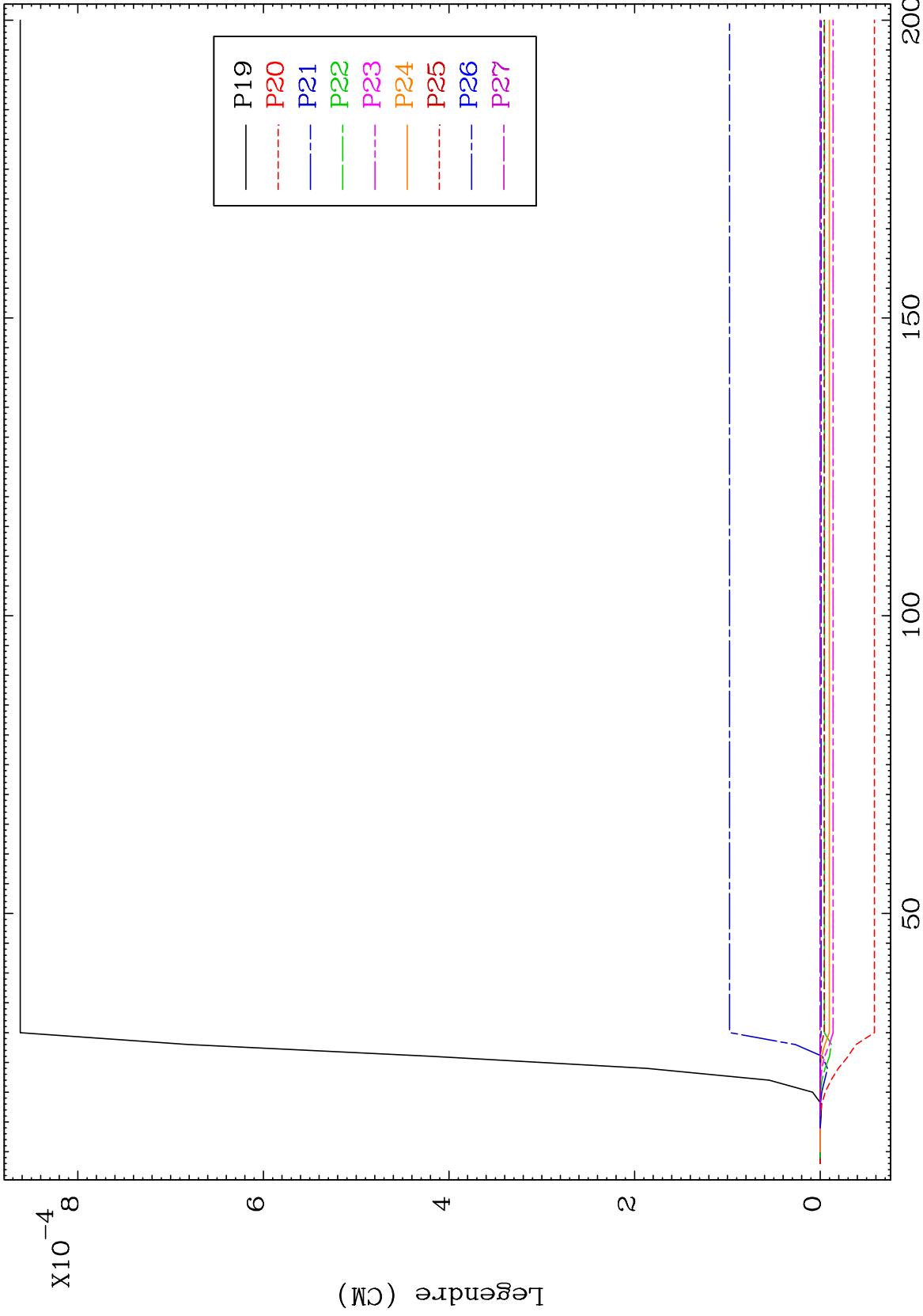
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



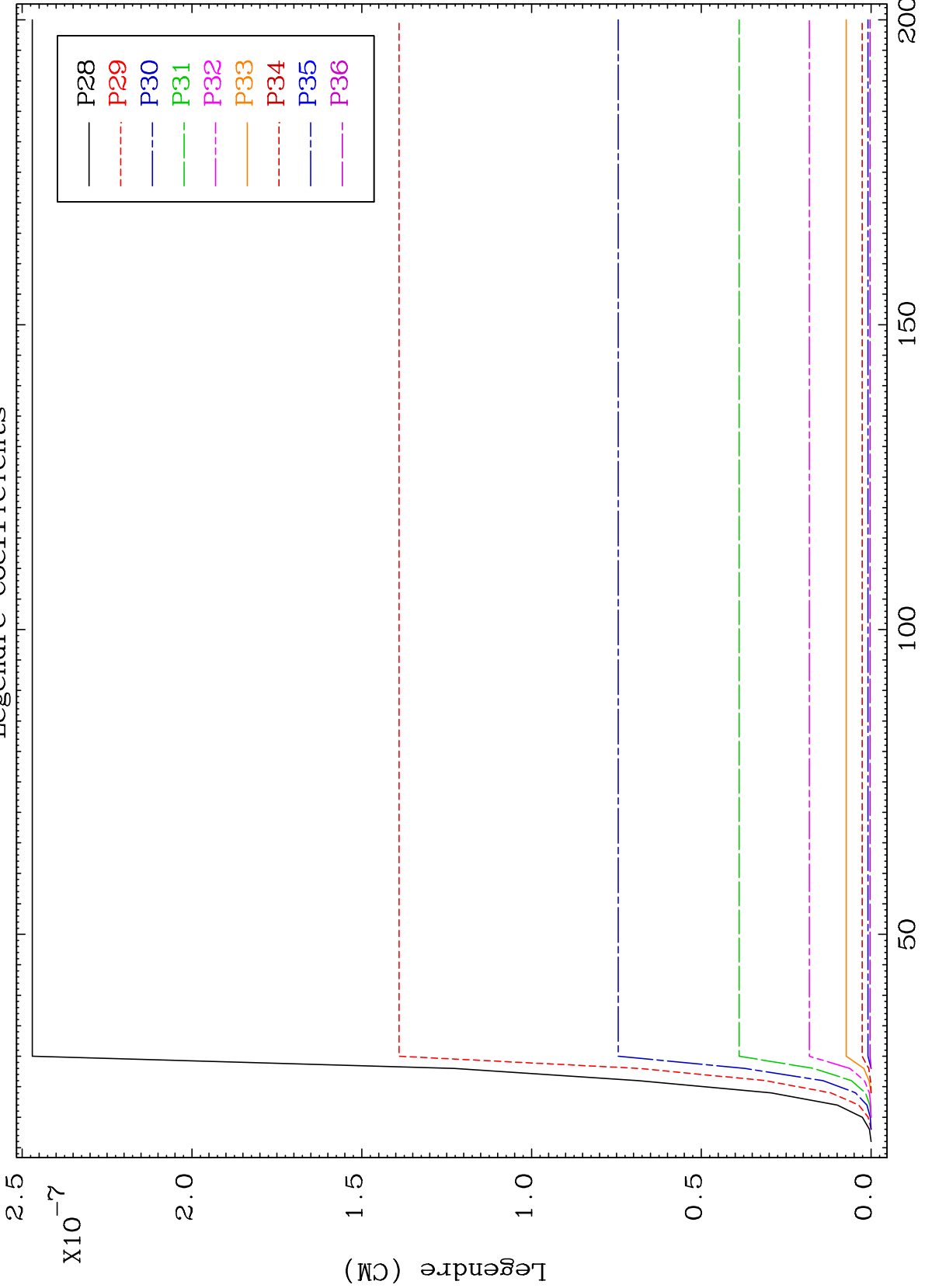
118

85-At-211

MAT 8549

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

85-At-211



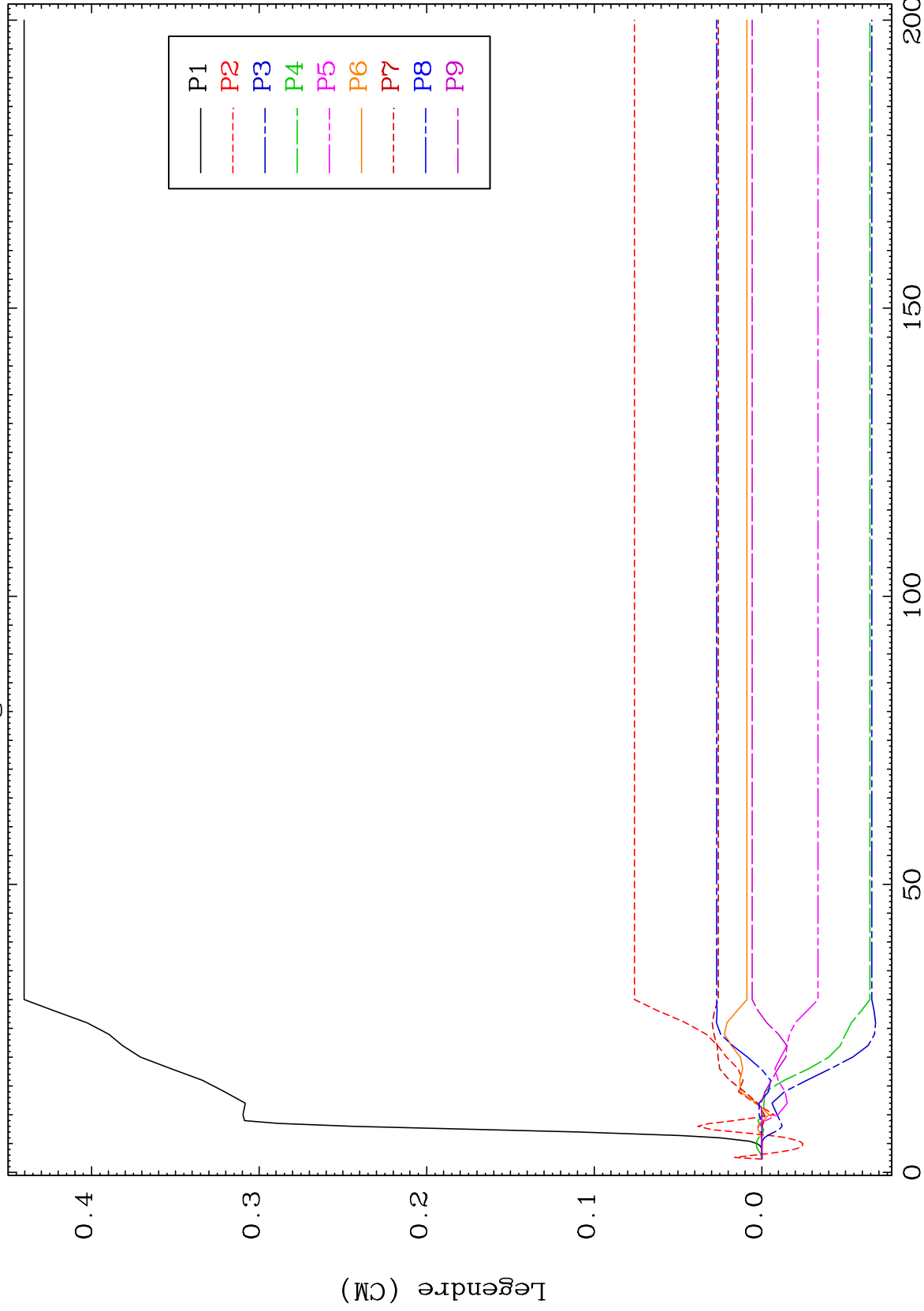
119

85-At-211

MAT 8549

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

85-At-211



85-At-211

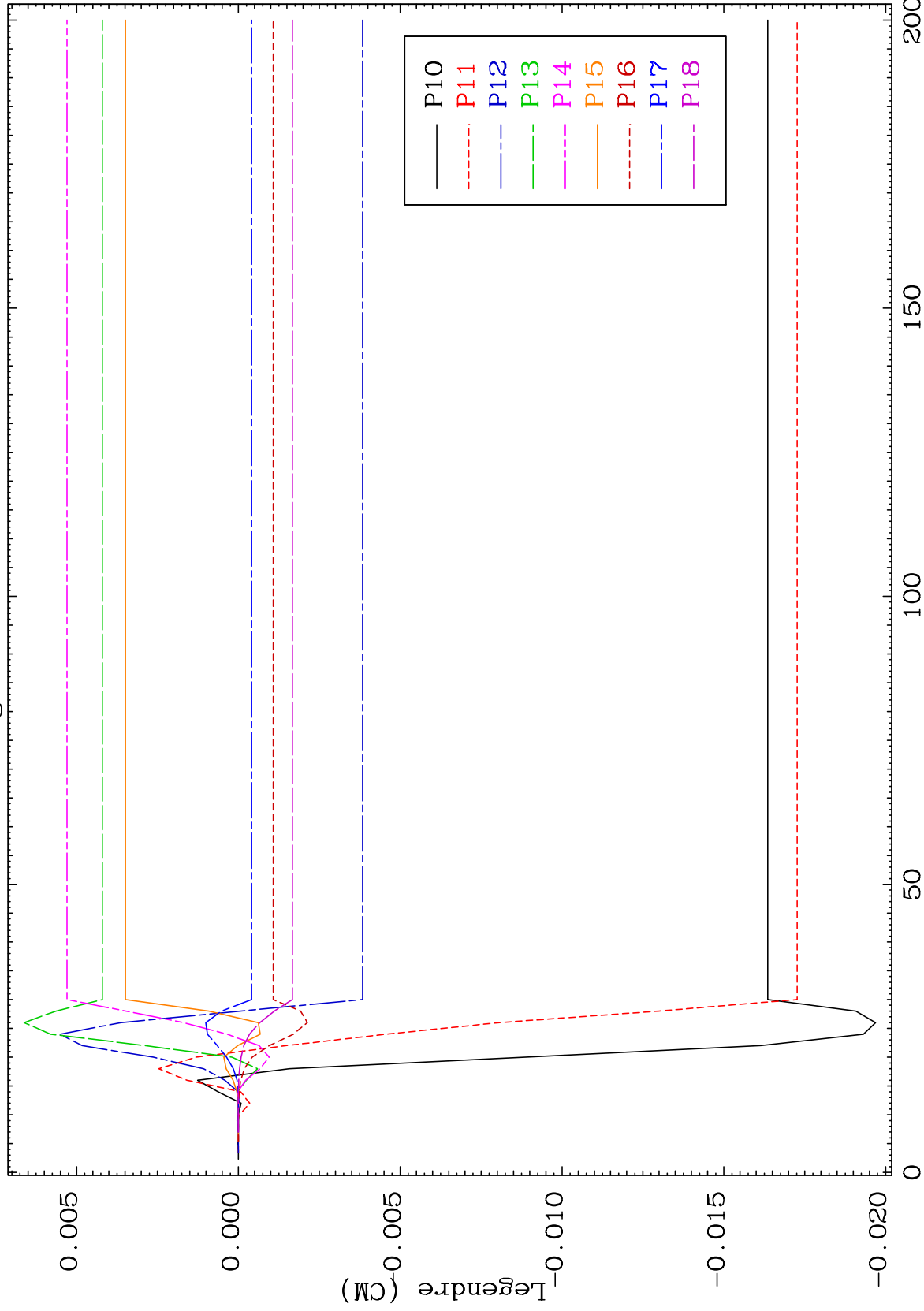
Incident Energy (MeV)

120

MAT 8549

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

85-At-211



121

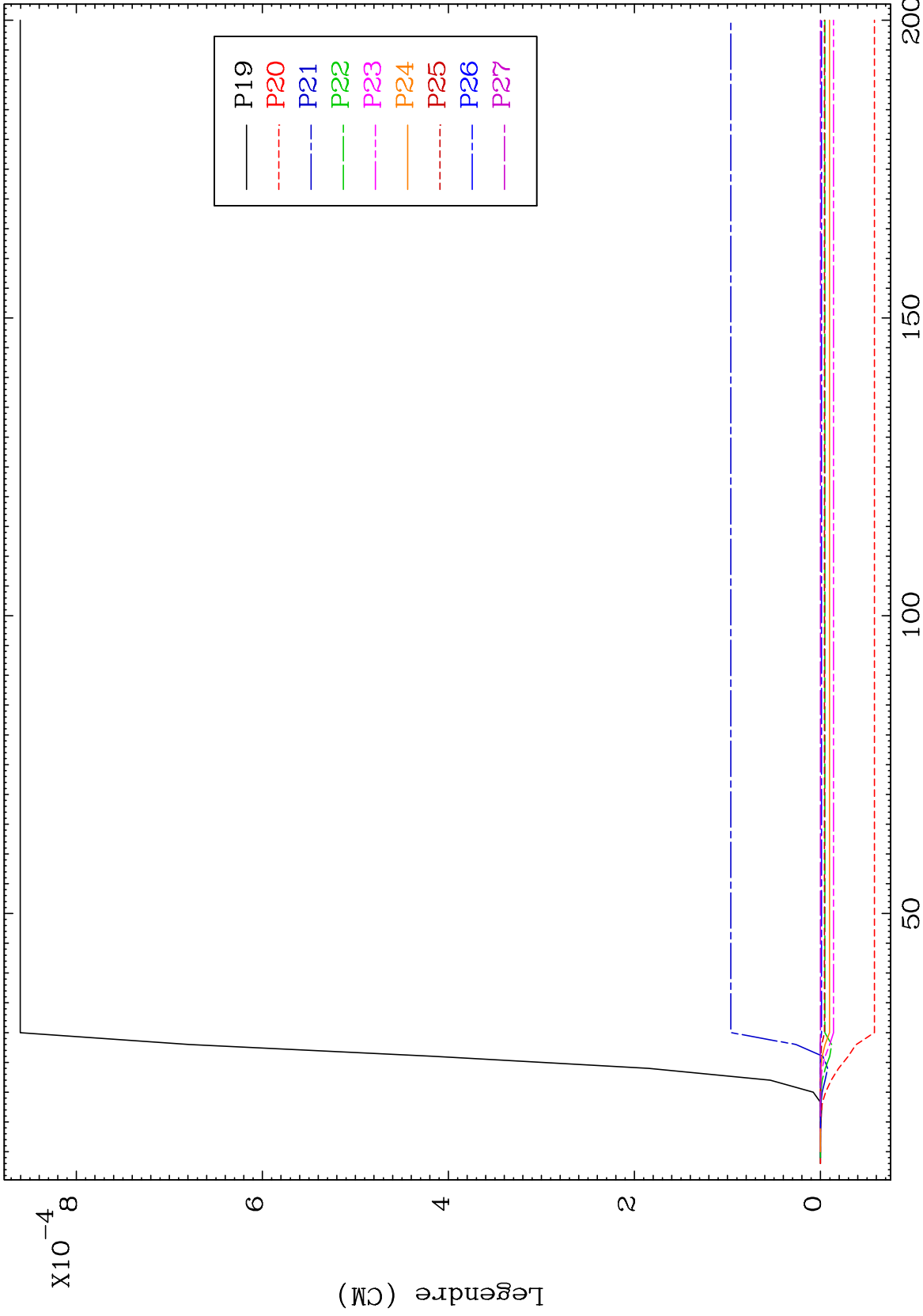
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



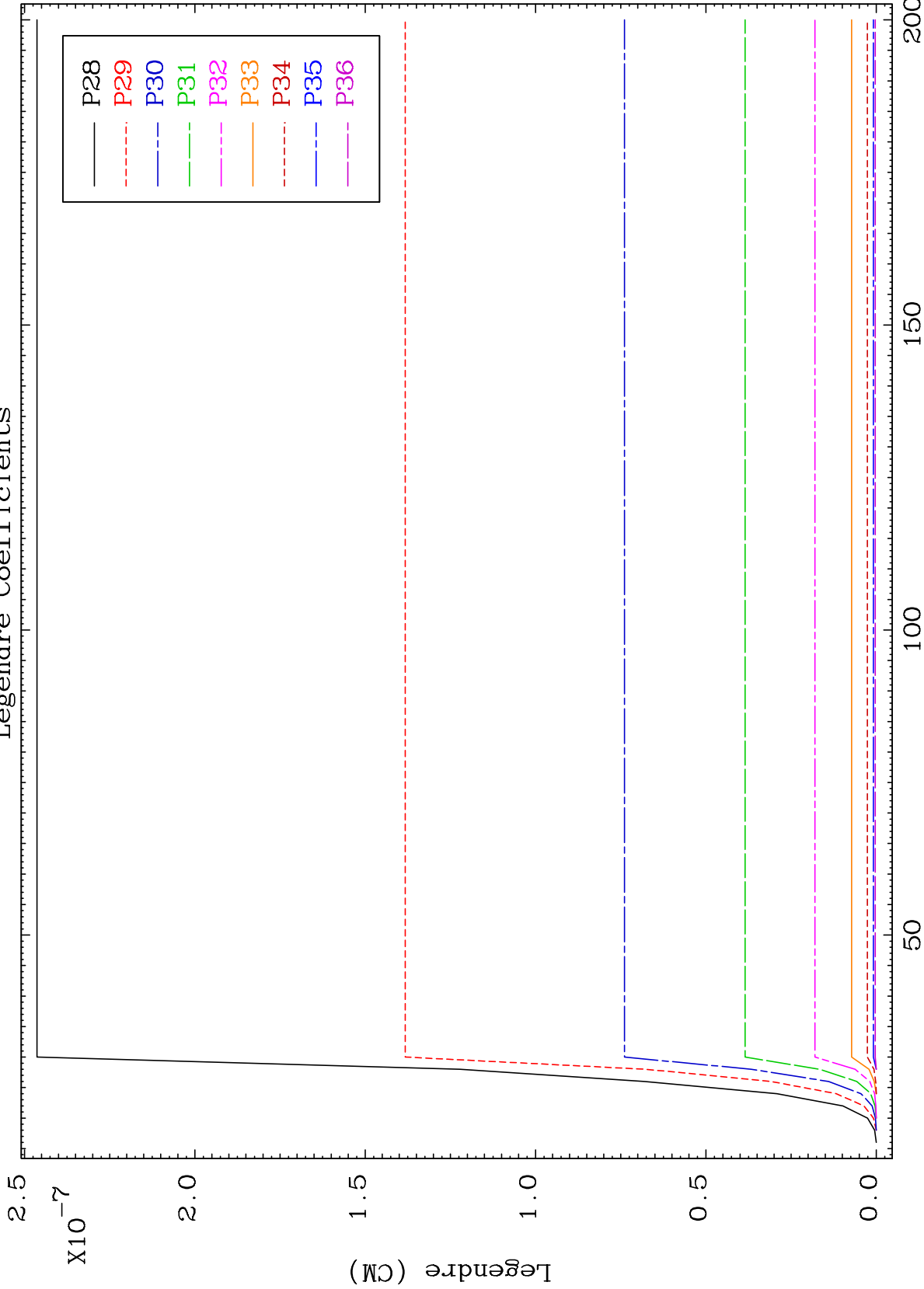
122

85-At-211

MAT 8549

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

85-At-211



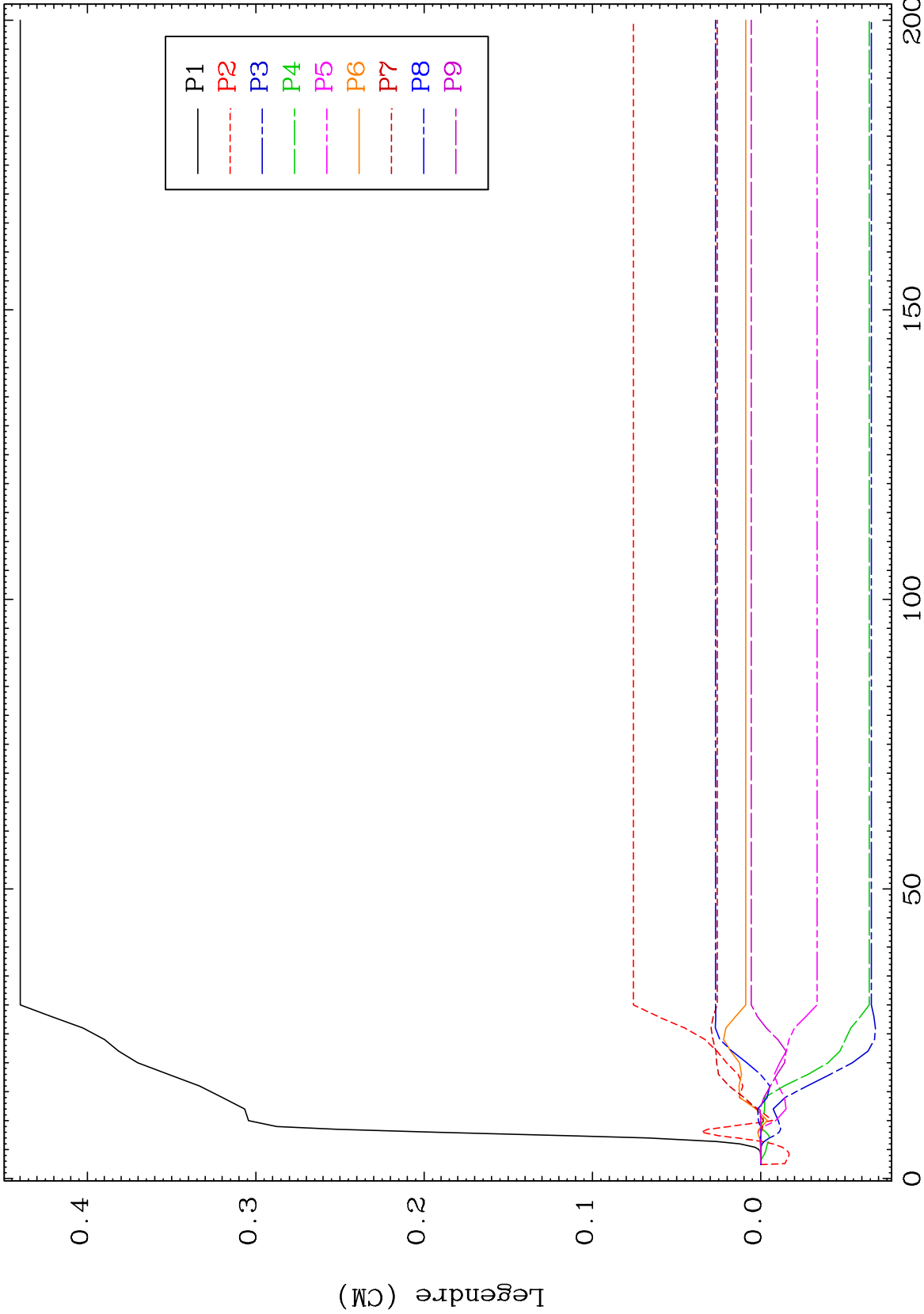
123

85-At-211

MAT 8549

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

85-At-211



85-At-211

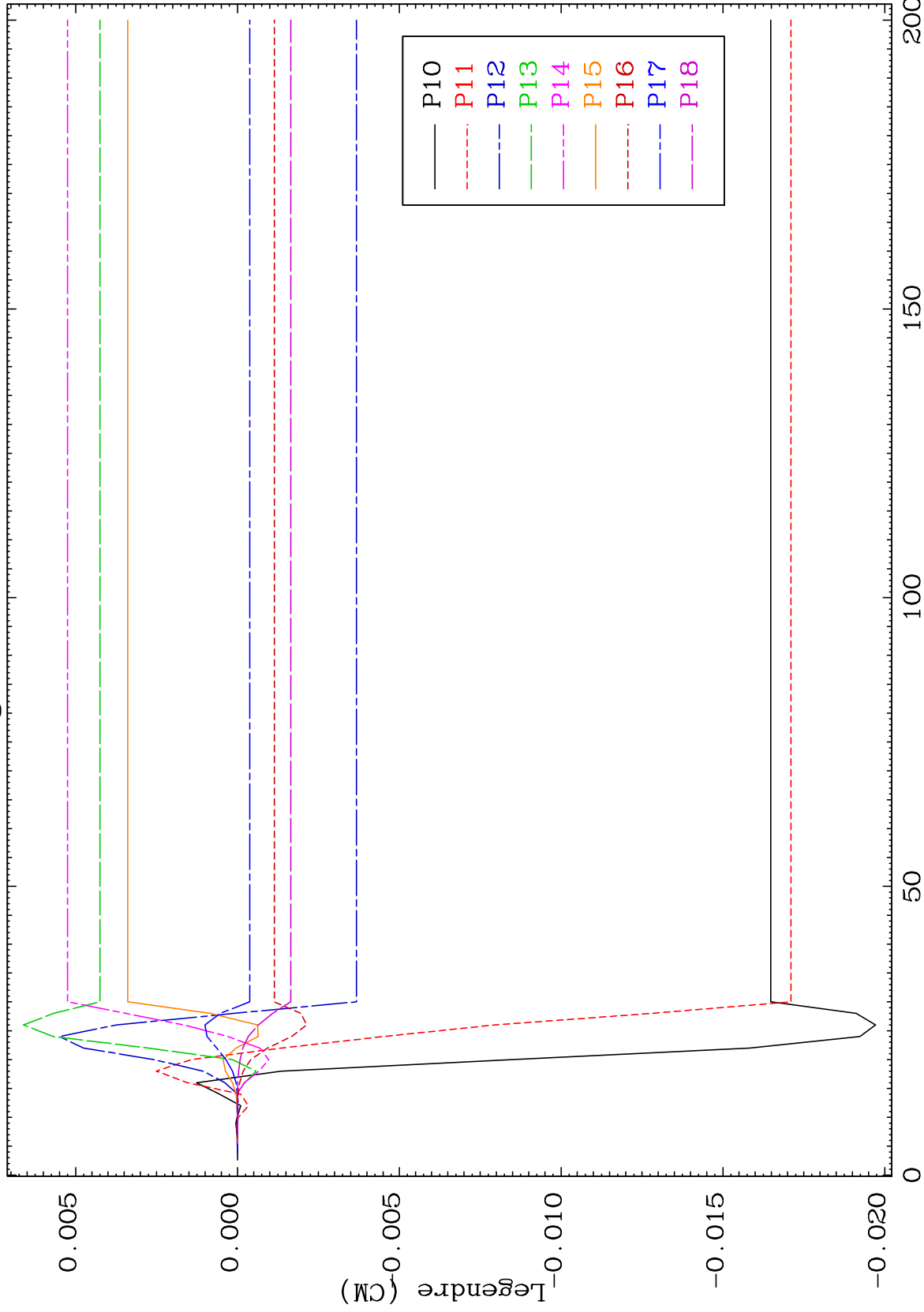
Incident Energy (MeV)

124

MAT 8549

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

85-At-211



125

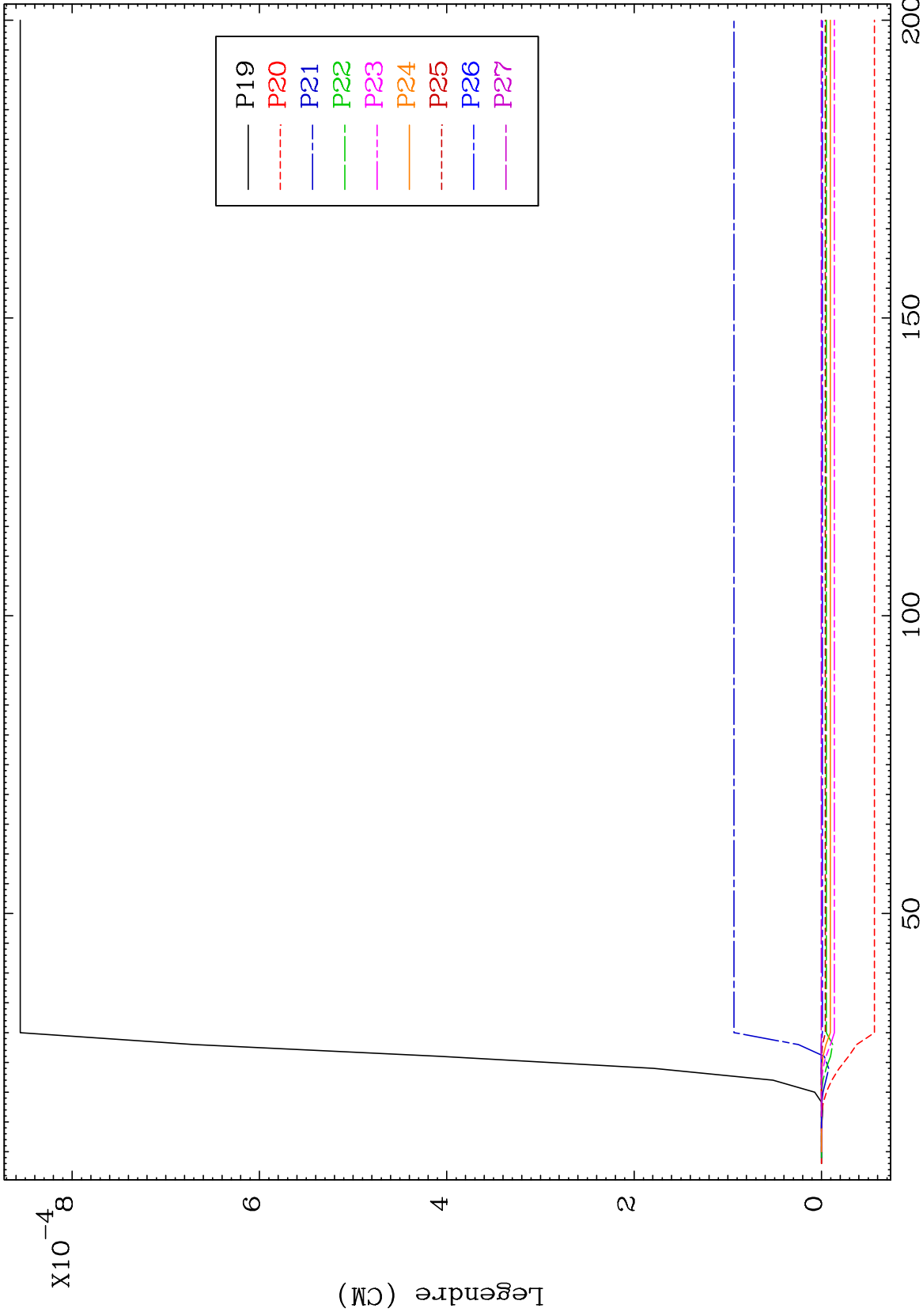
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



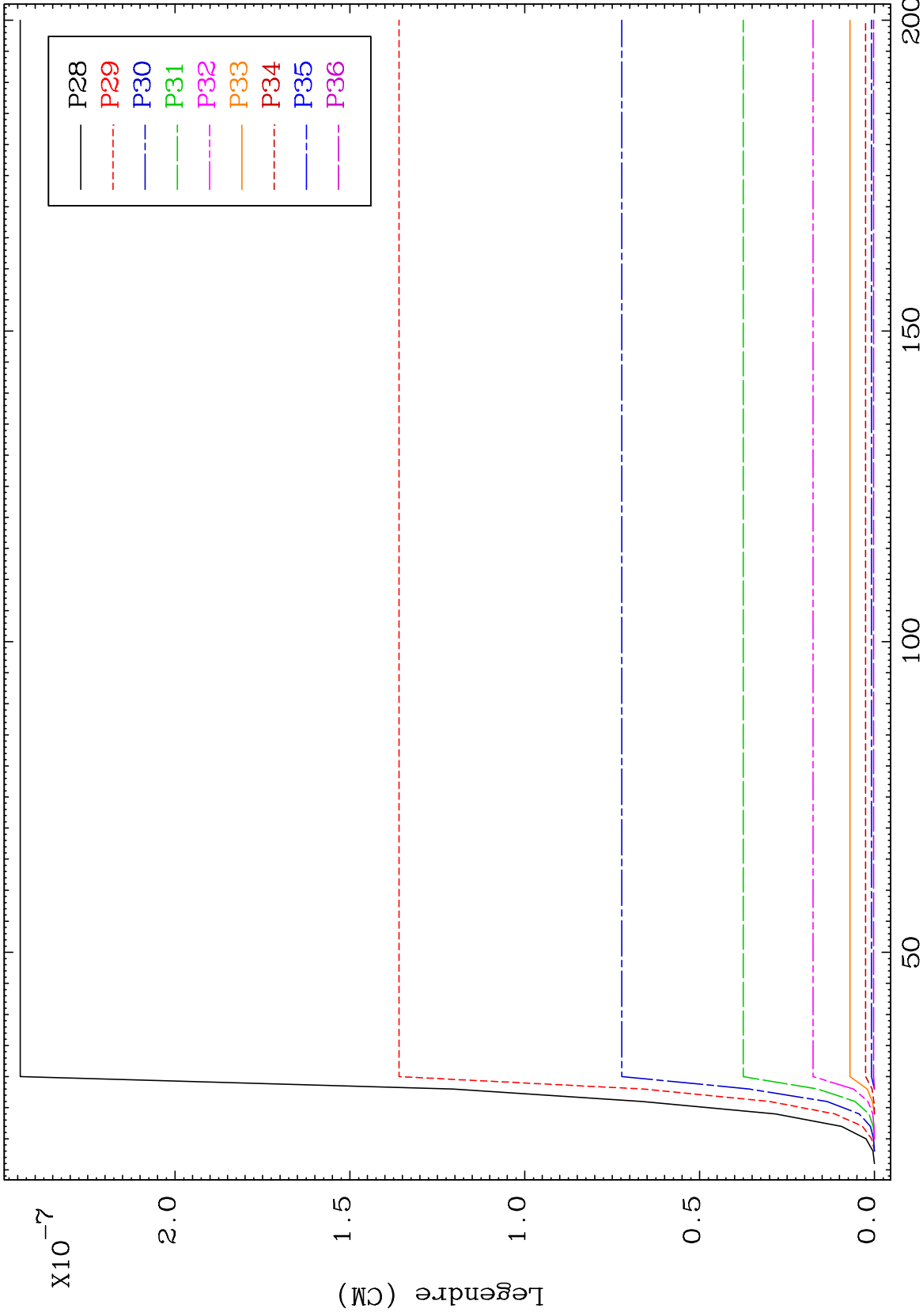
126

85-At-211

MAT 8549

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

85-At-211



127

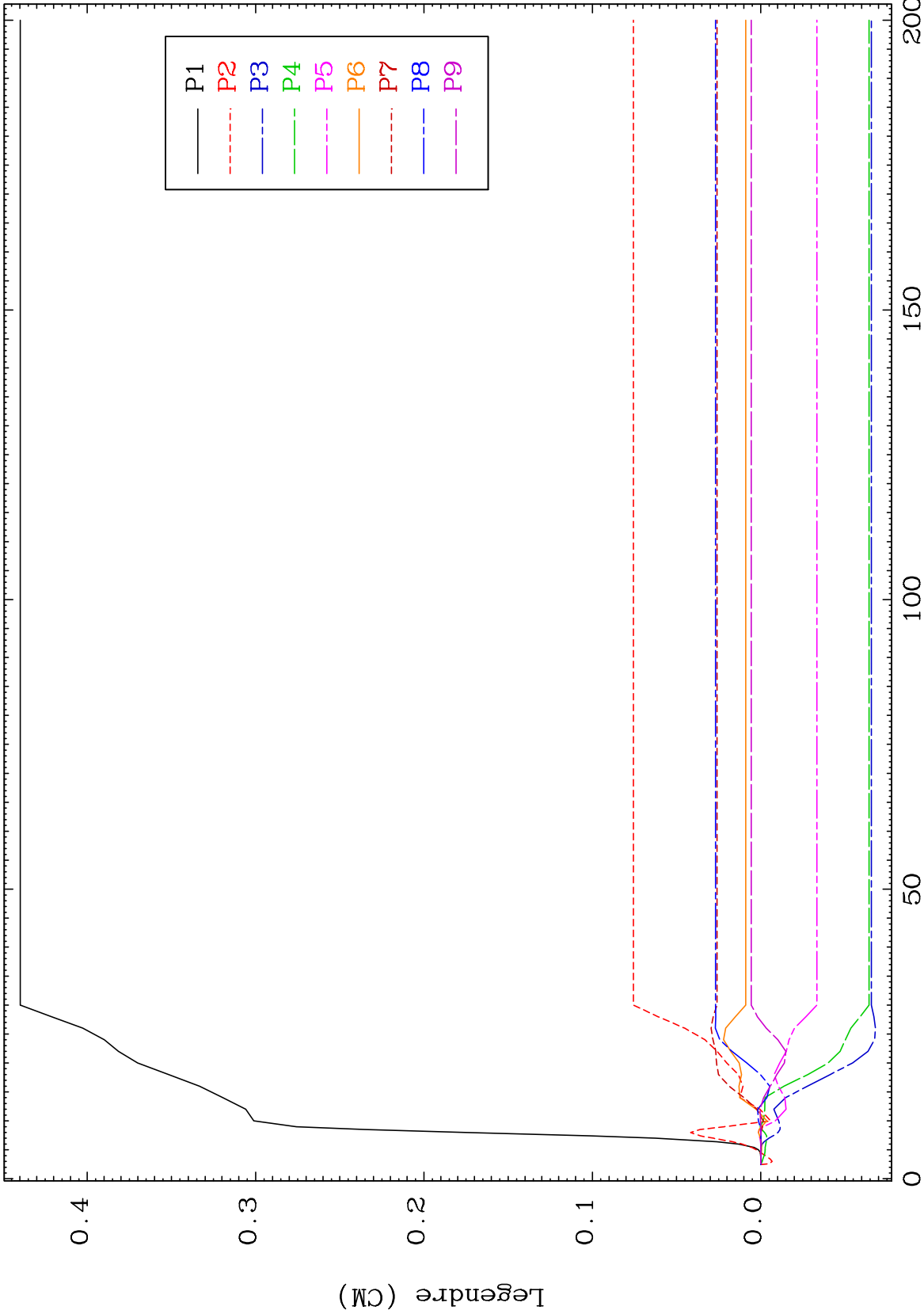
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



128

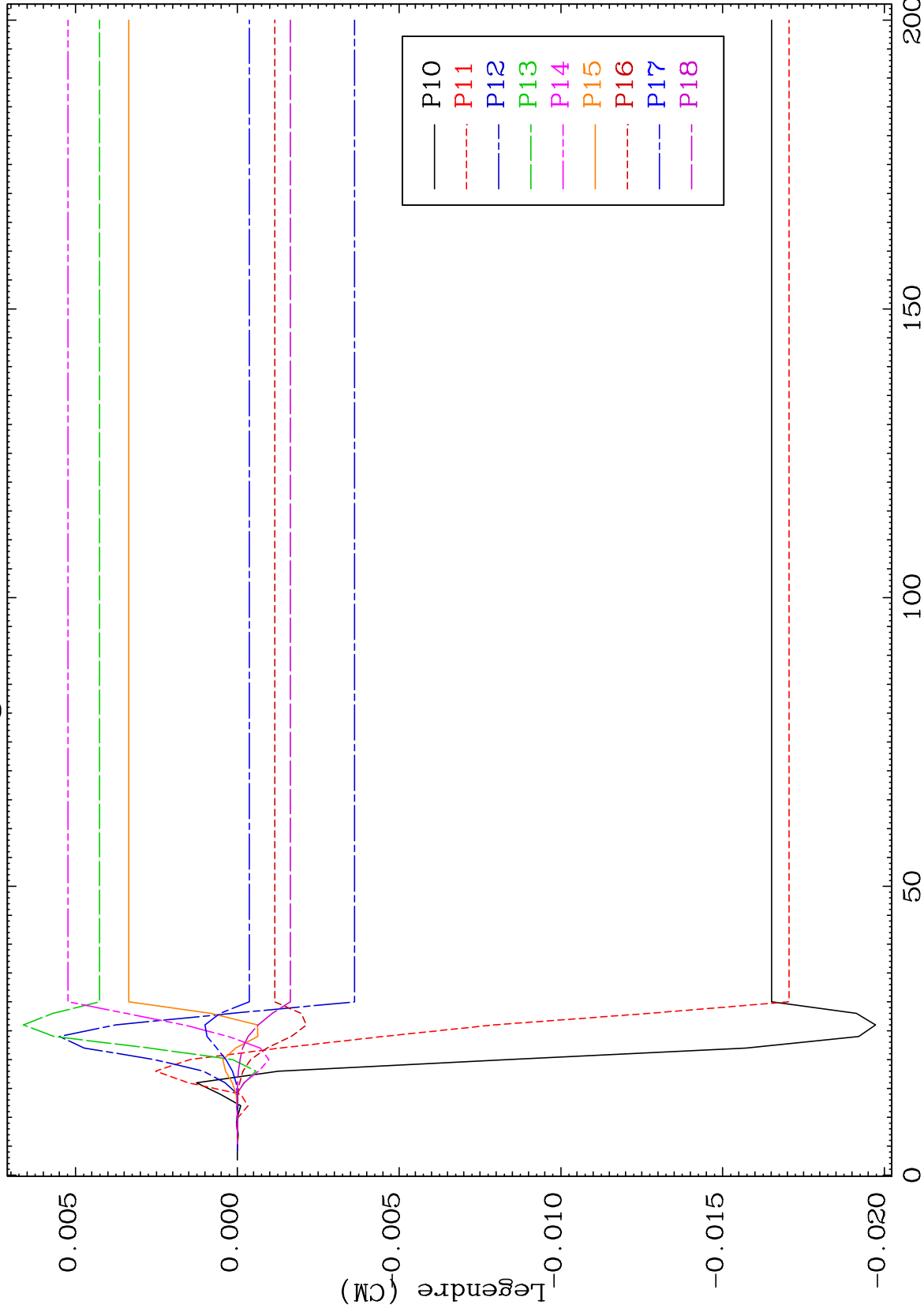
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



129

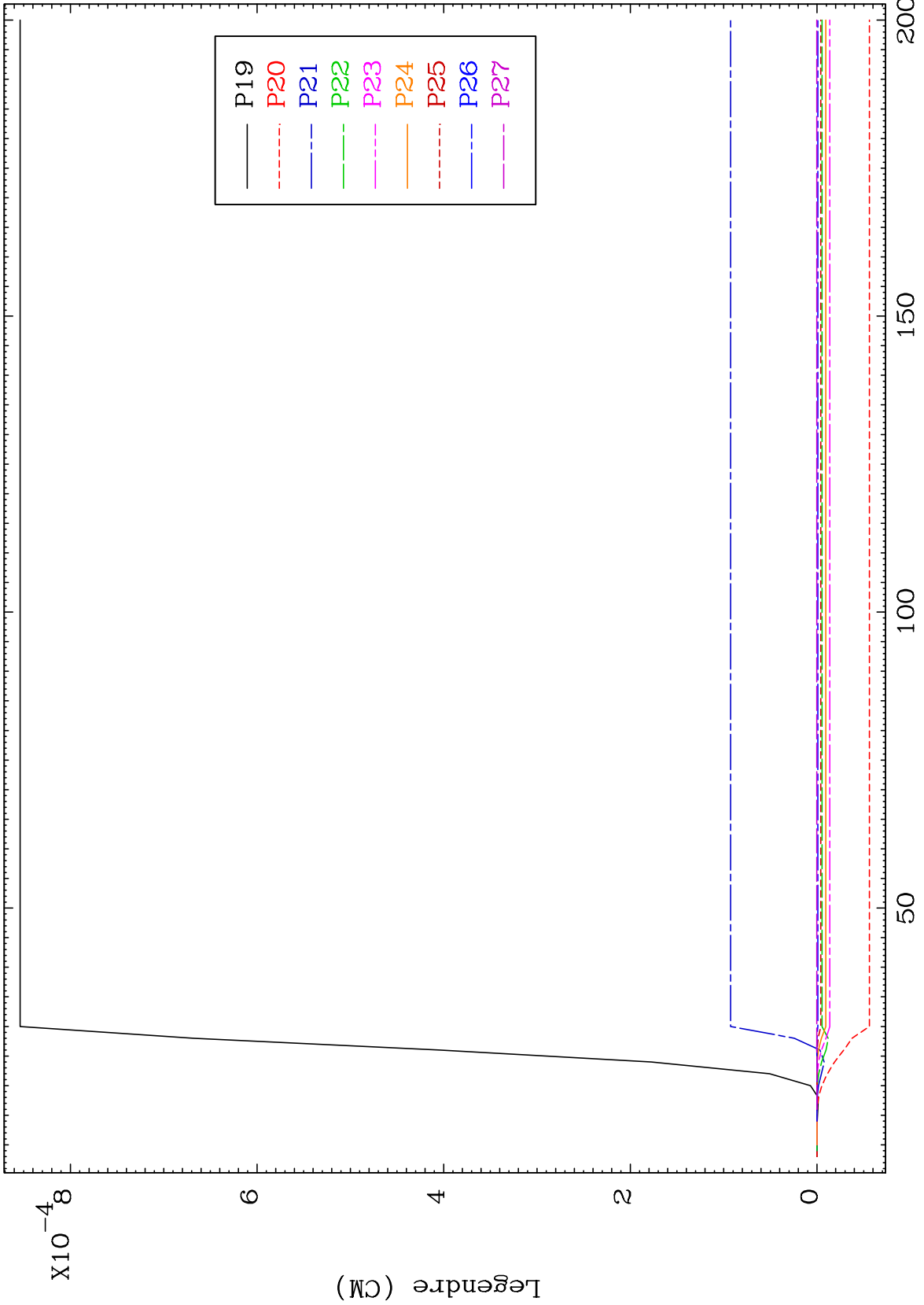
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



130

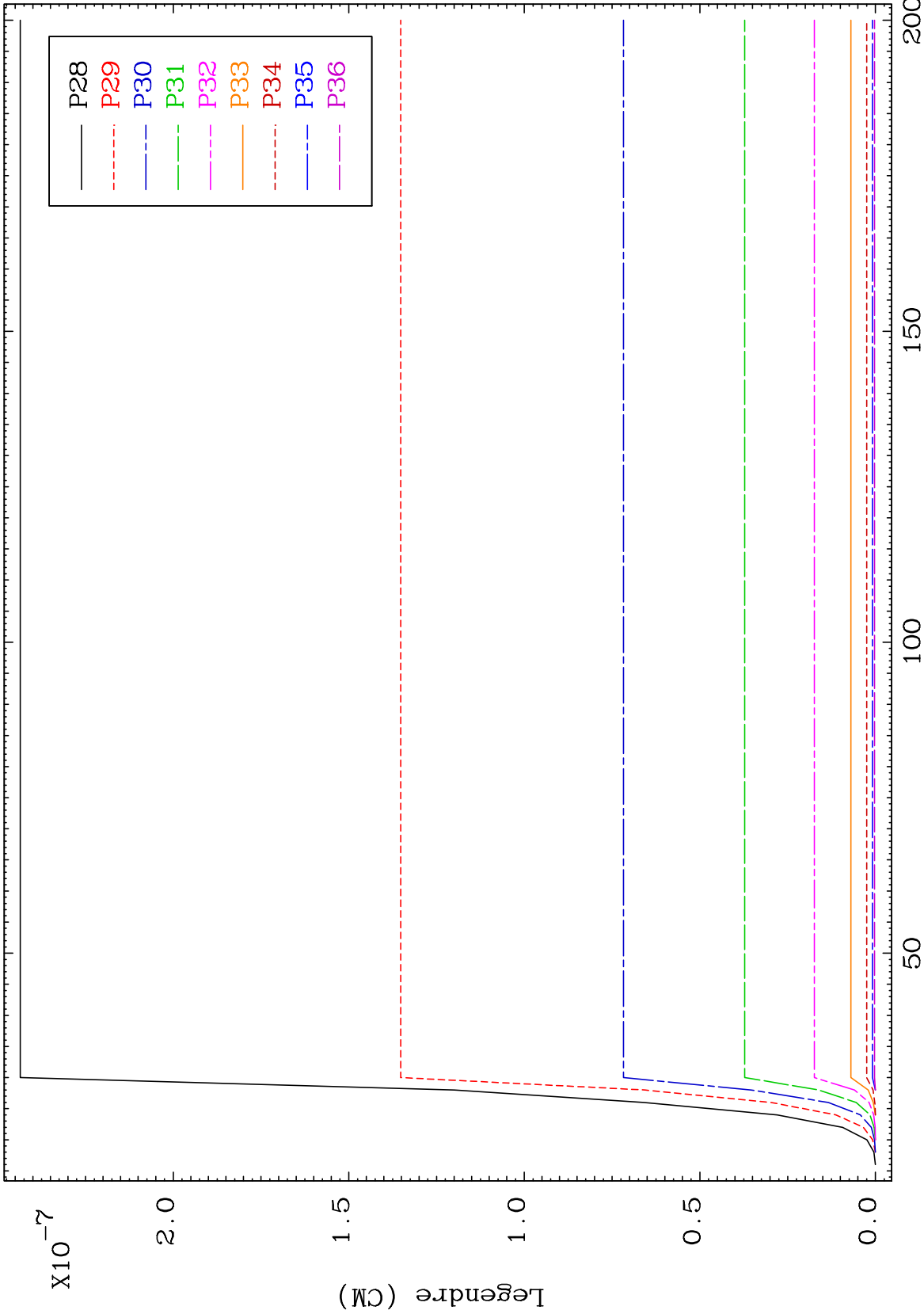
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



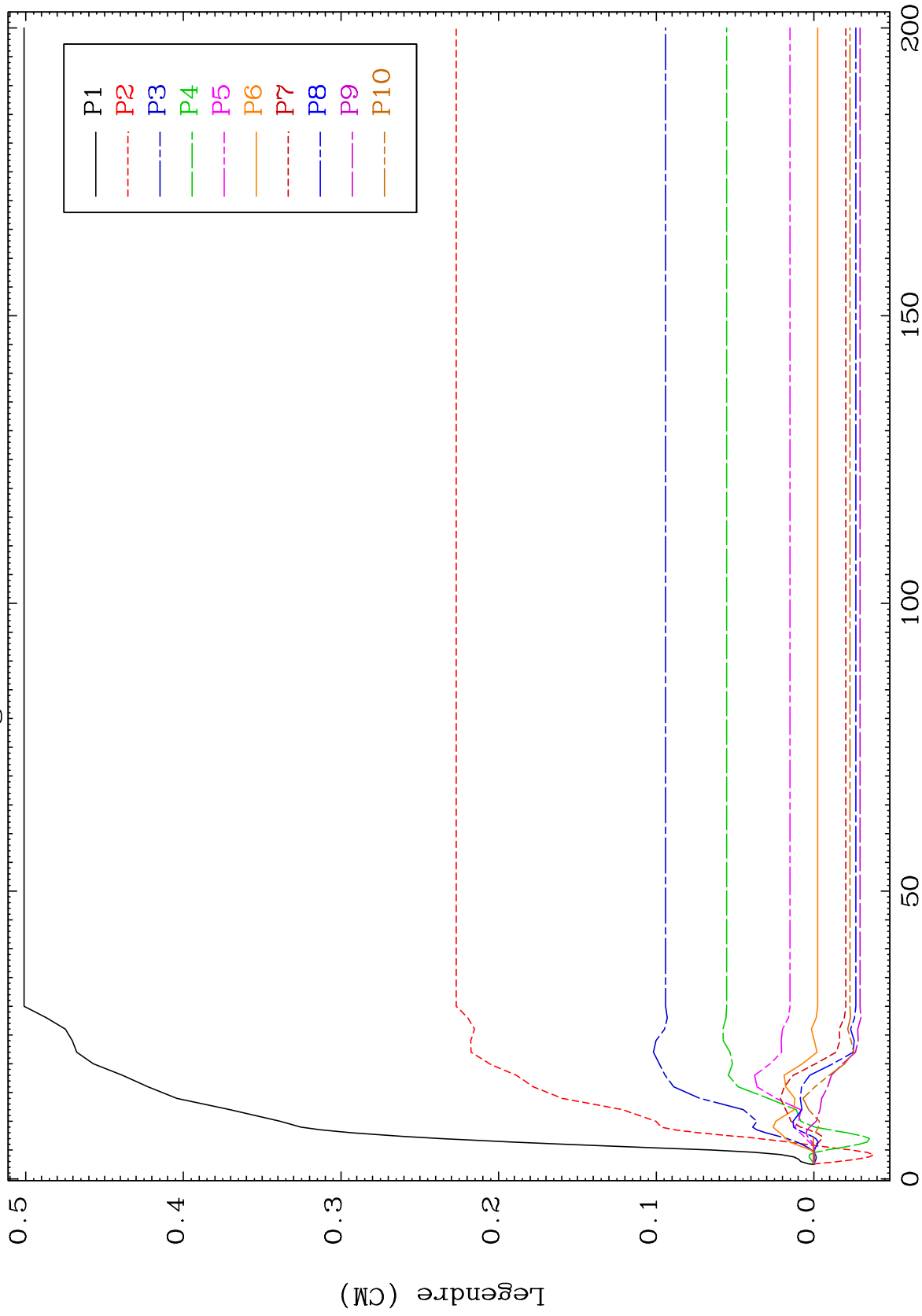
131

85-At-211

MAT 8549

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

85-At-211



132

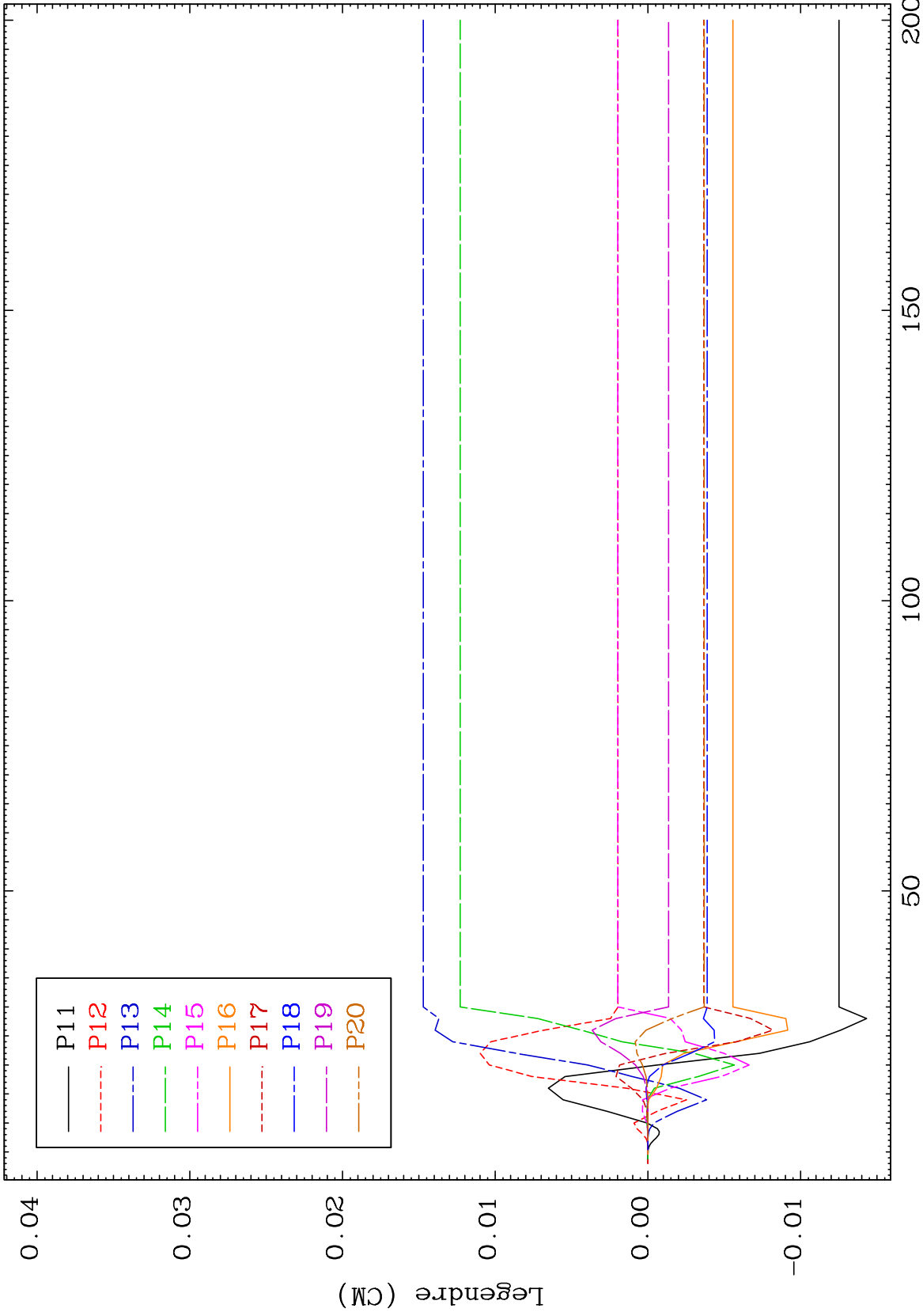
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



133

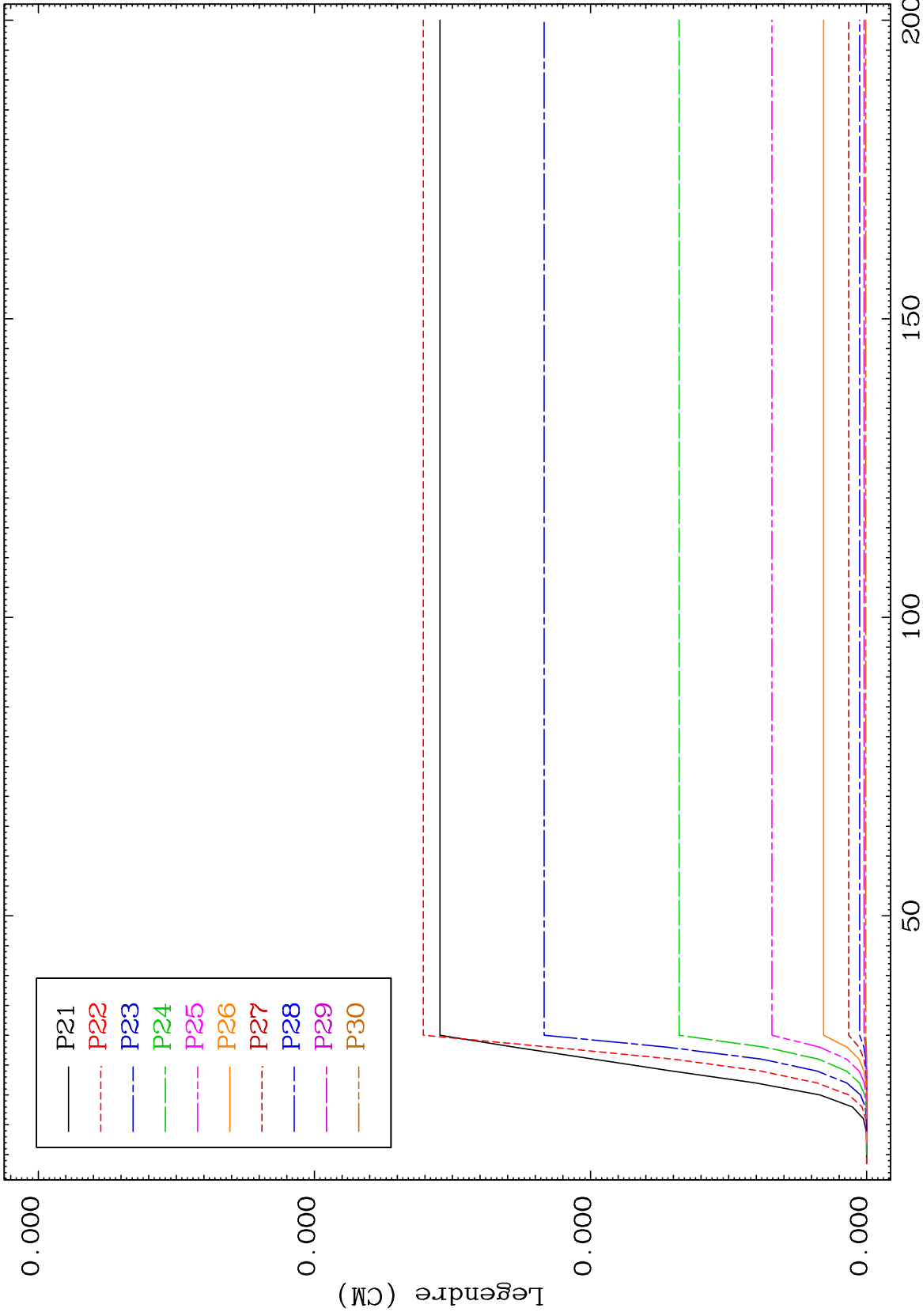
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



134

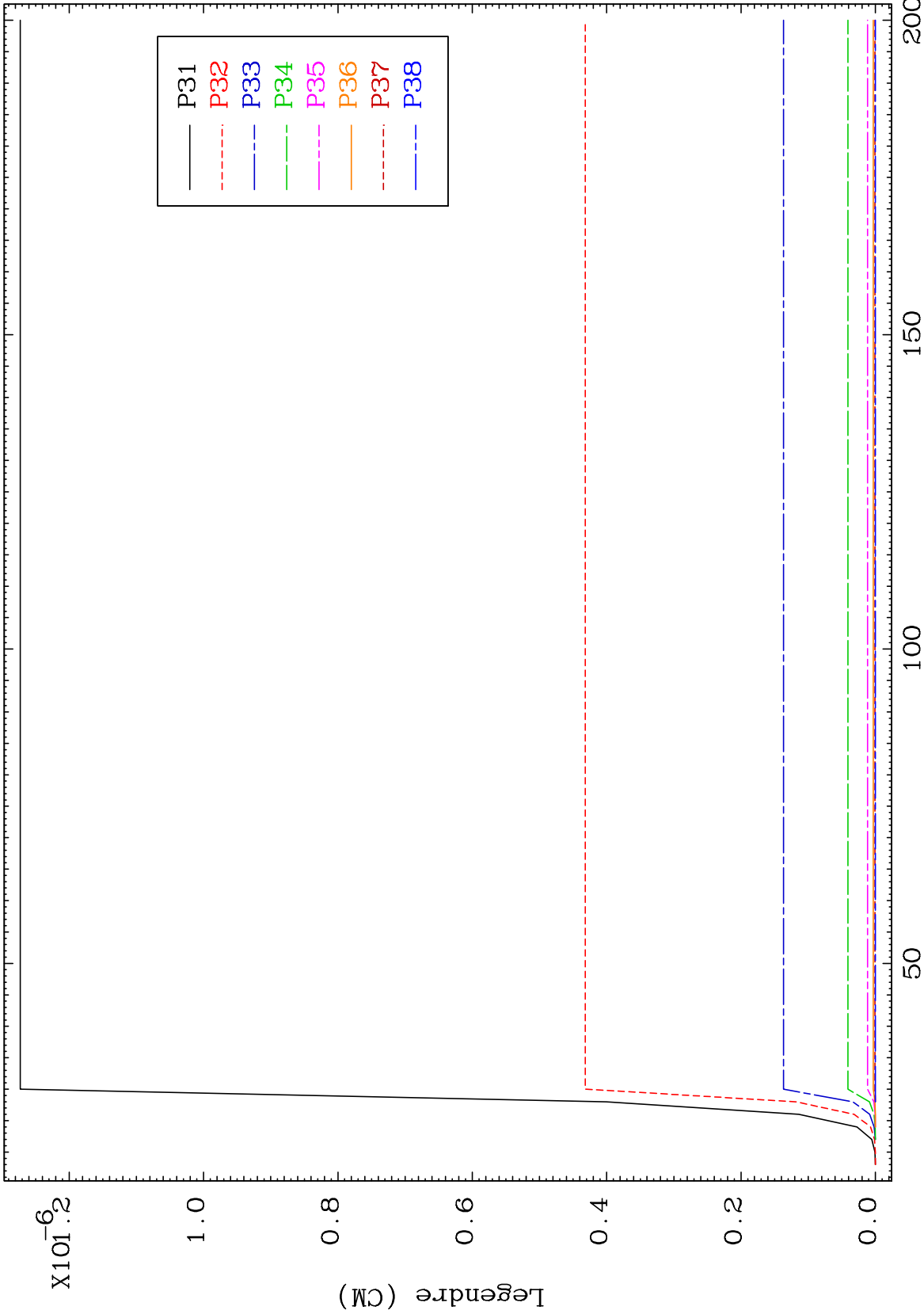
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



135

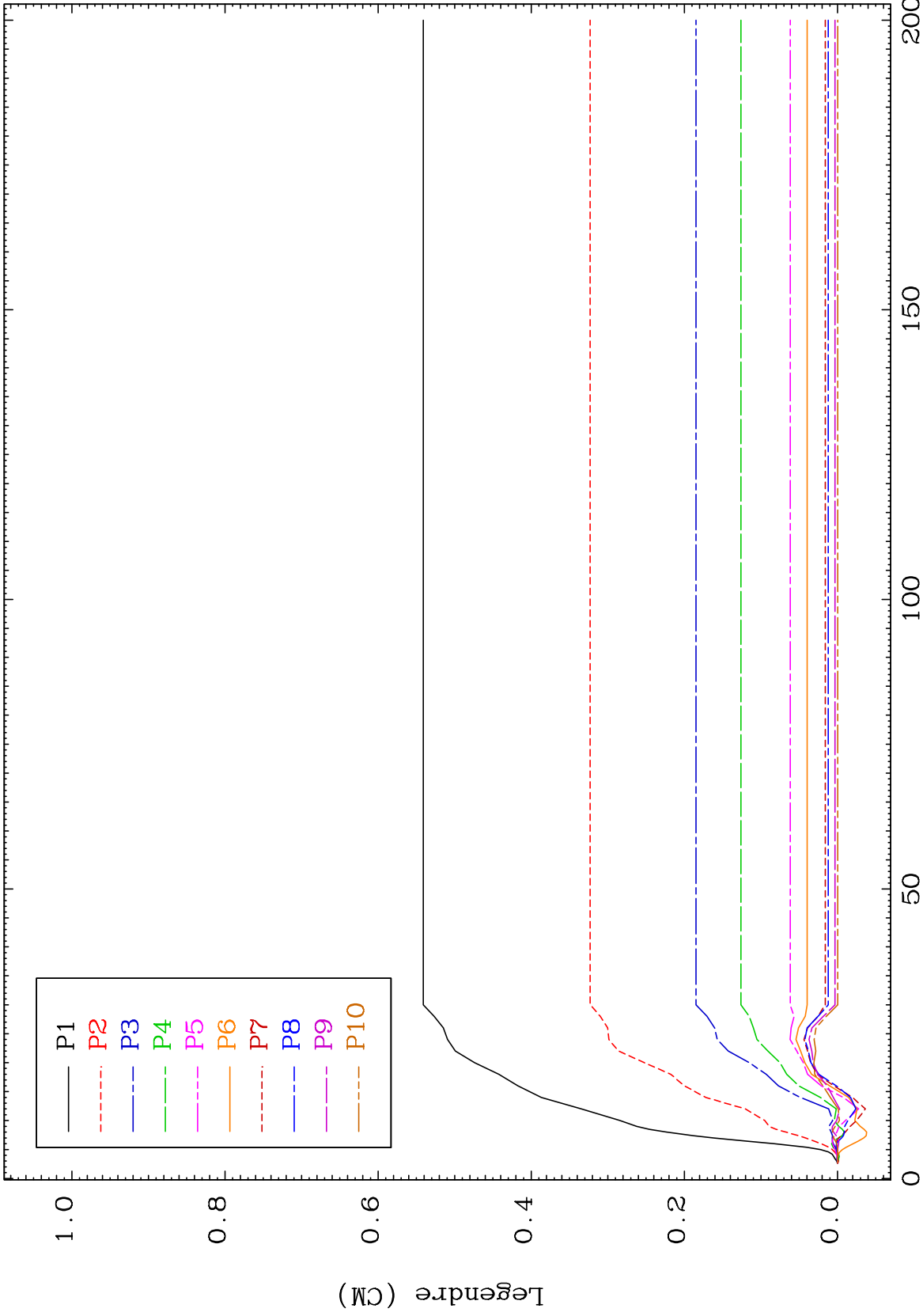
Incident Energy (MeV)

85-At-211

MAT 8549

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

85-At-211



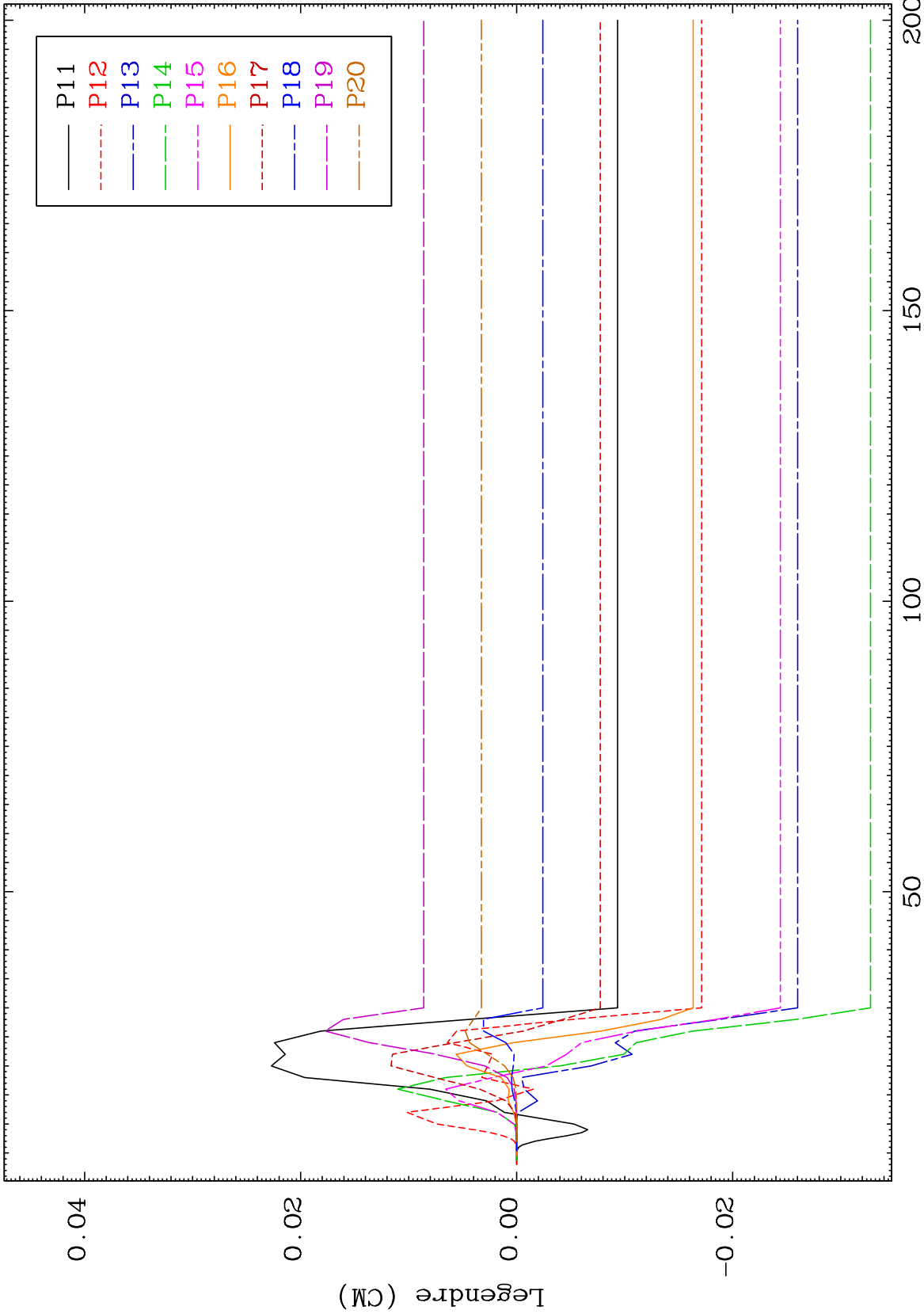
136

85-At-211

MAT 8549

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

85-At-211



137

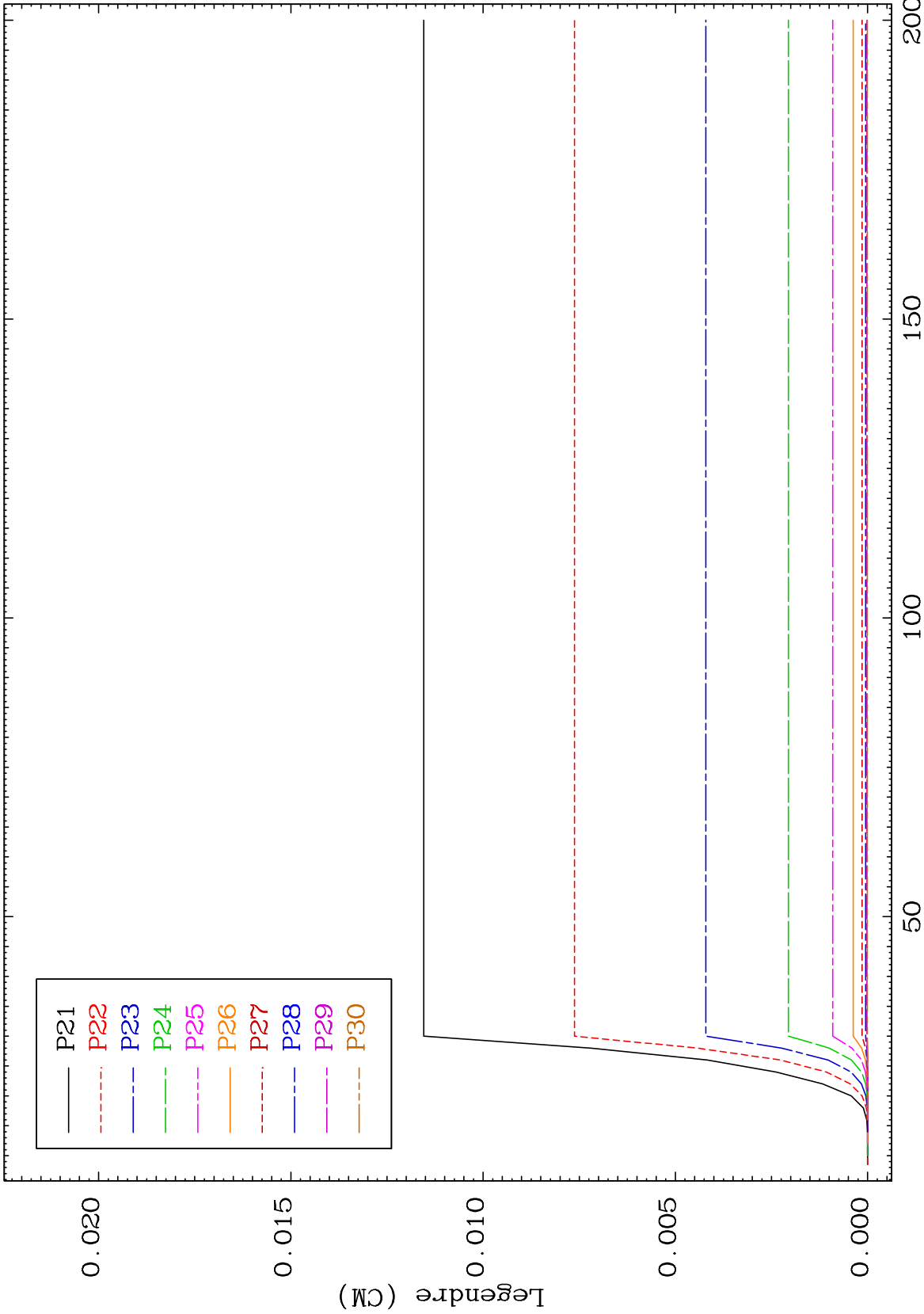
Incident Energy (MeV)

85-At-211

MAT 8549

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

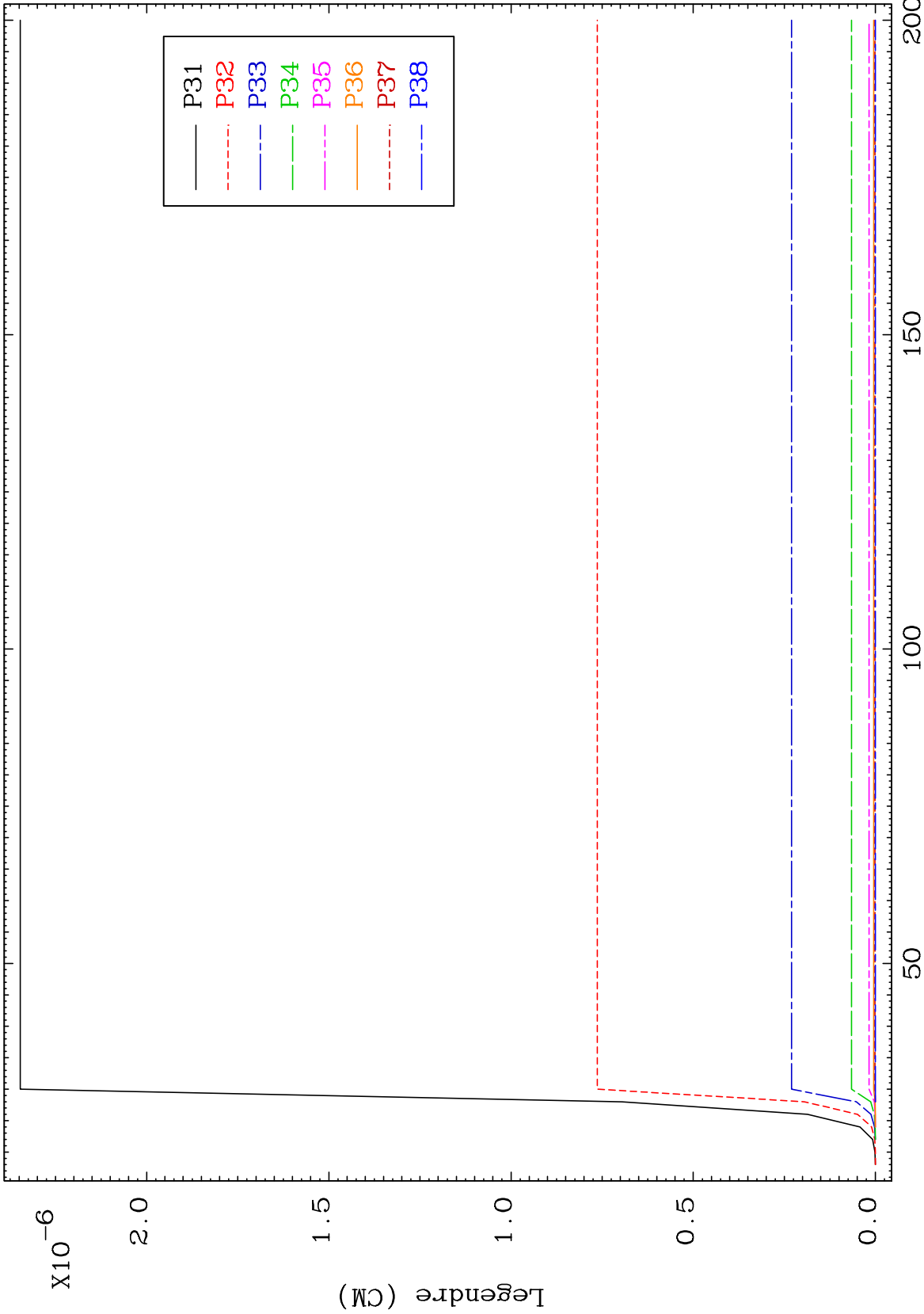
85-At-211



MAT 8549

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

85-At-211



139

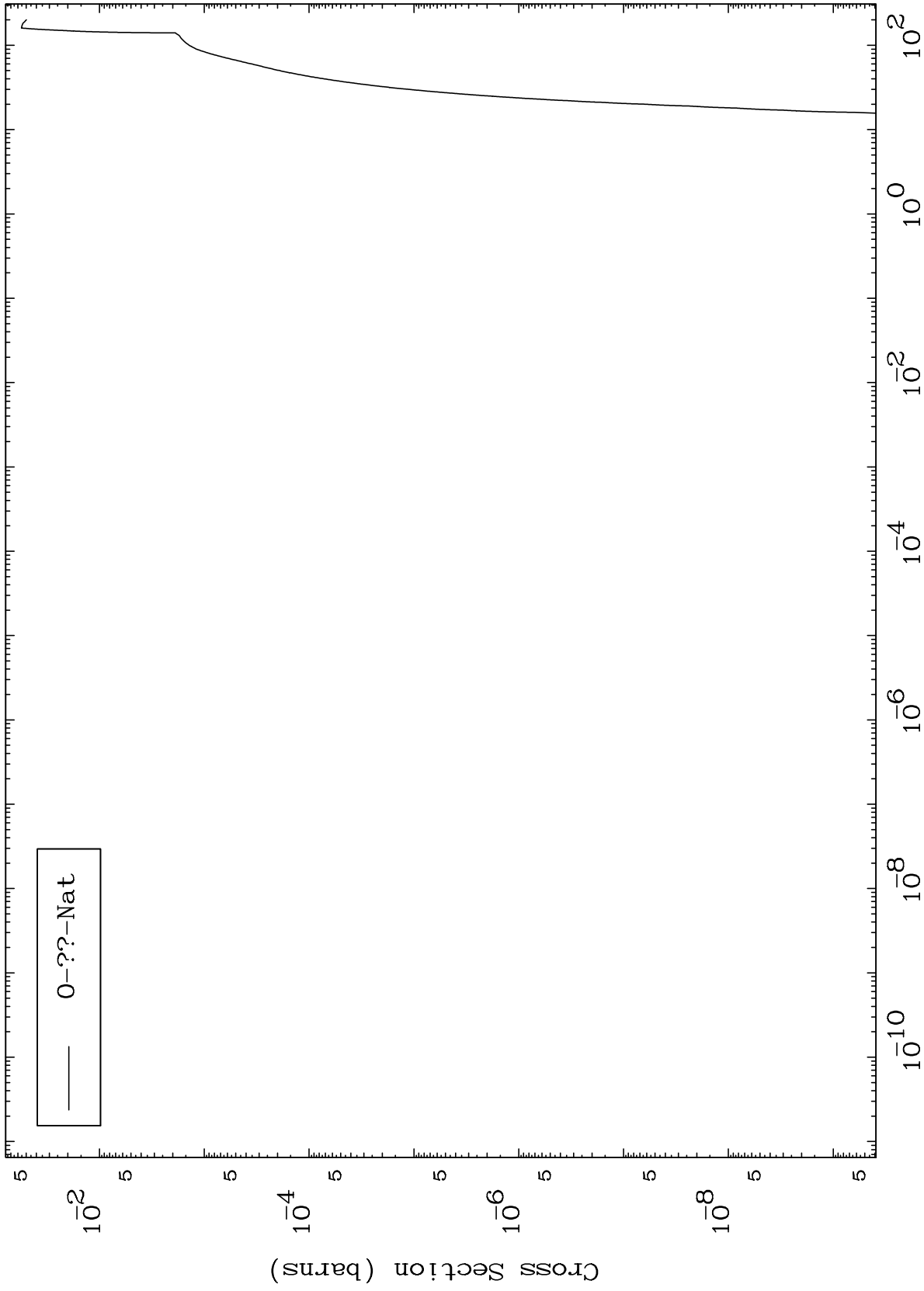
85-At-211

MAT 8549

Fission

85-At-211

Radionuclide Production Cross Section



140

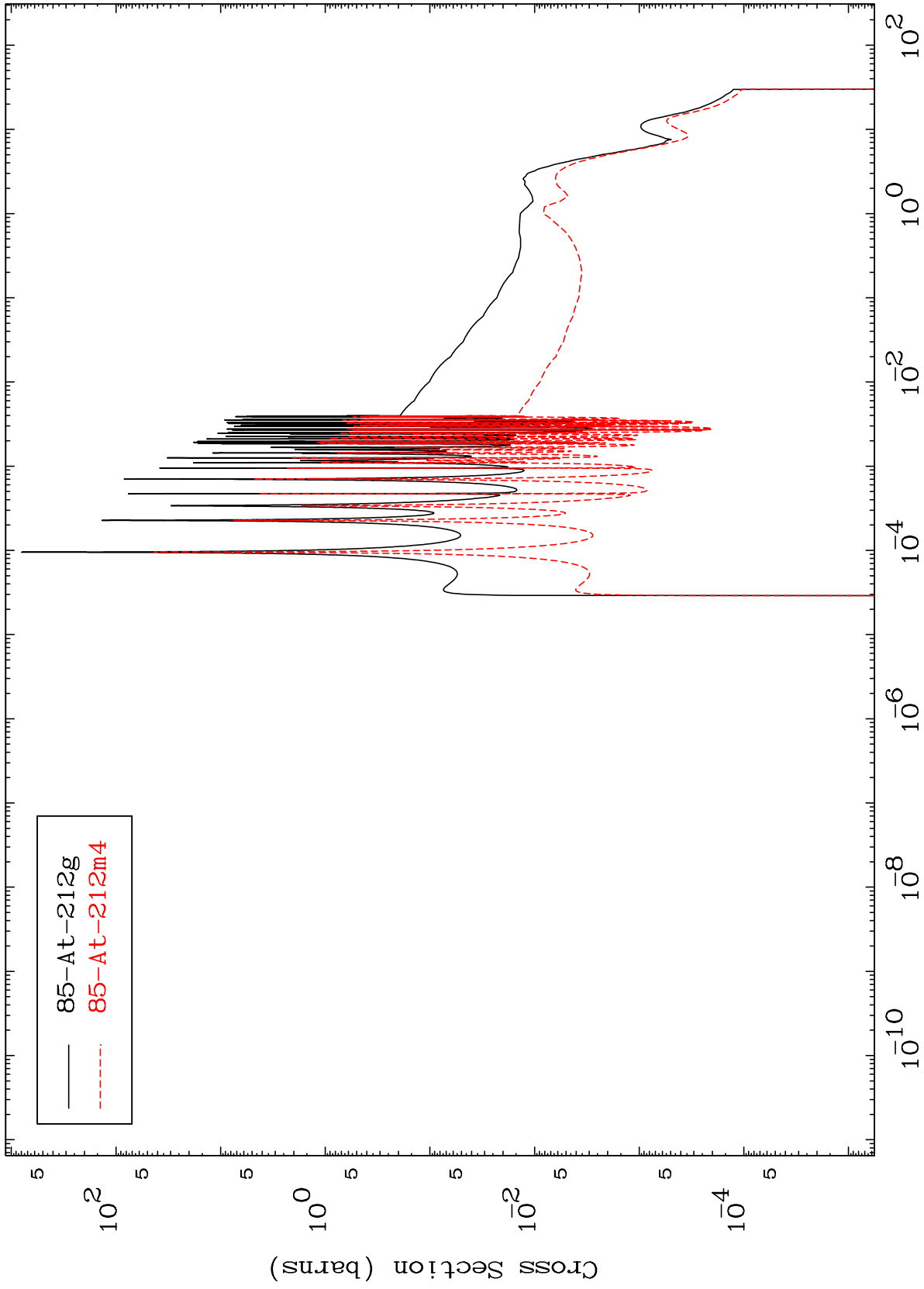
Incident Energy (MeV)

85-At-211

MAT 8549

85-At-211

(n,γ)
Radionuclide Production Cross Section



141

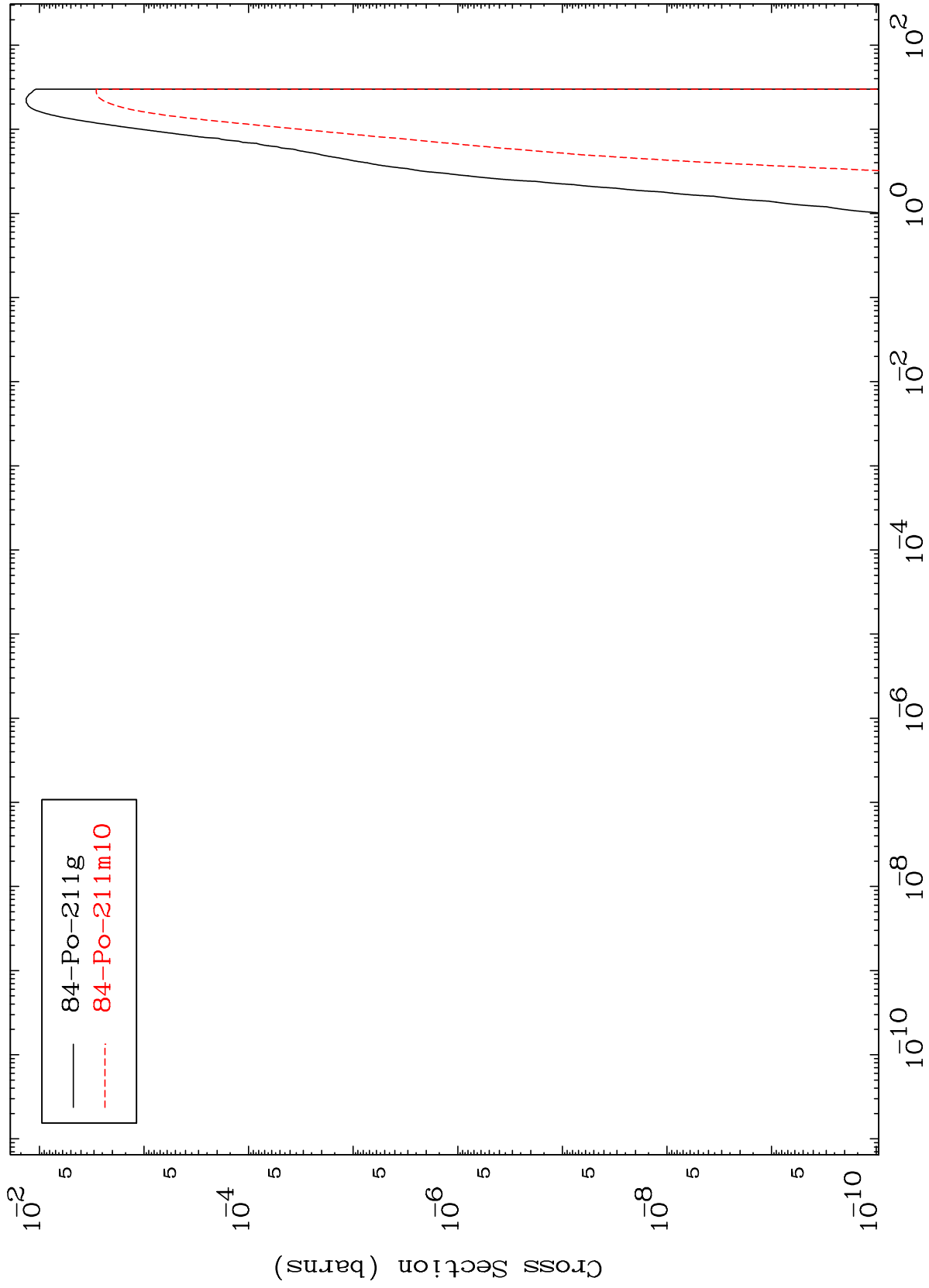
85-At-211

MAT 8549

(n,p)

85-At-211

Radionuclide Production Cross Section



142

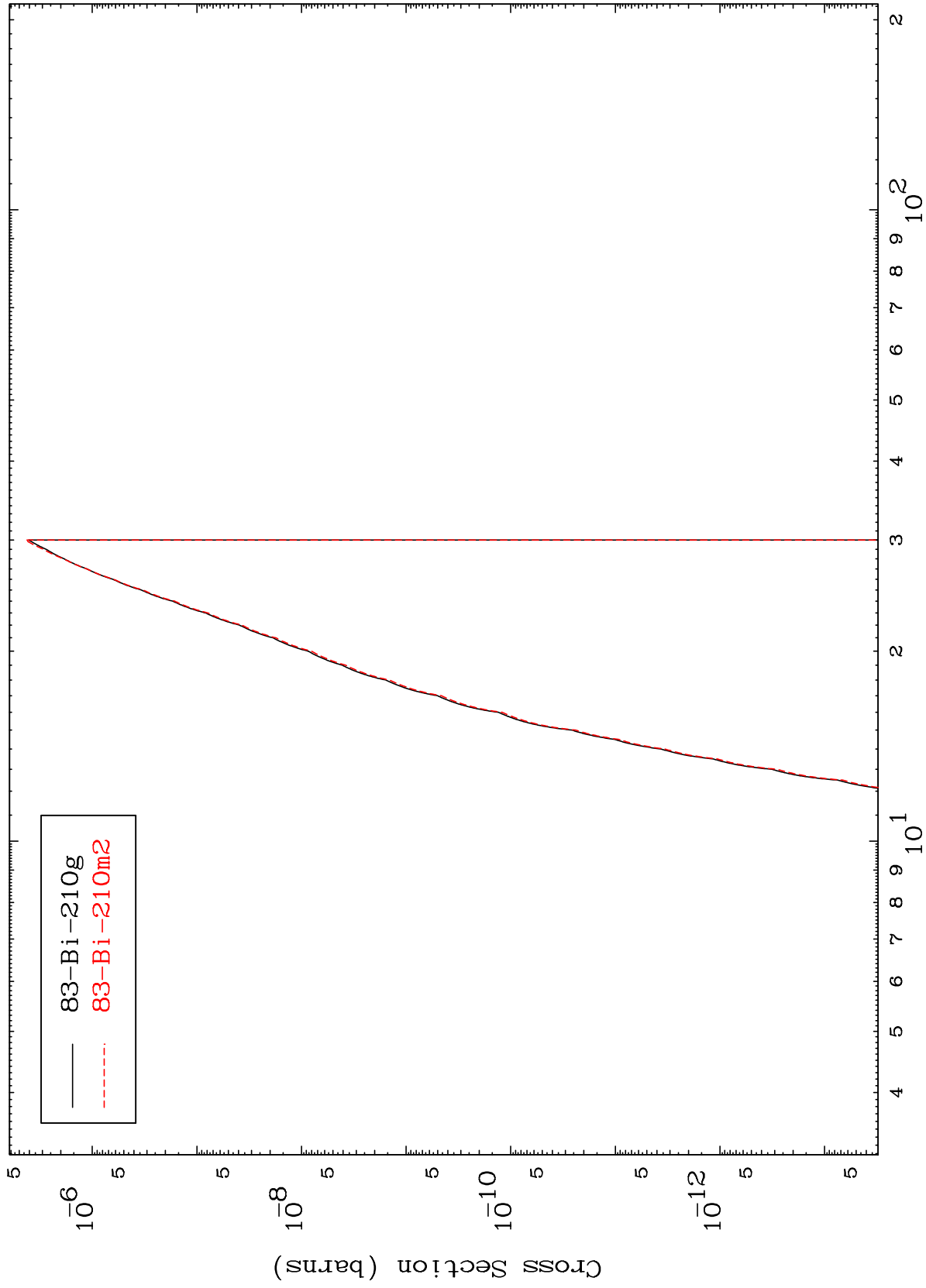
Incident Energy (MeV)

85-At-211

MAT 8549

85-At-211

(n,2p)
Radionuclide Production Cross Section



143

Incident Energy (MeV)

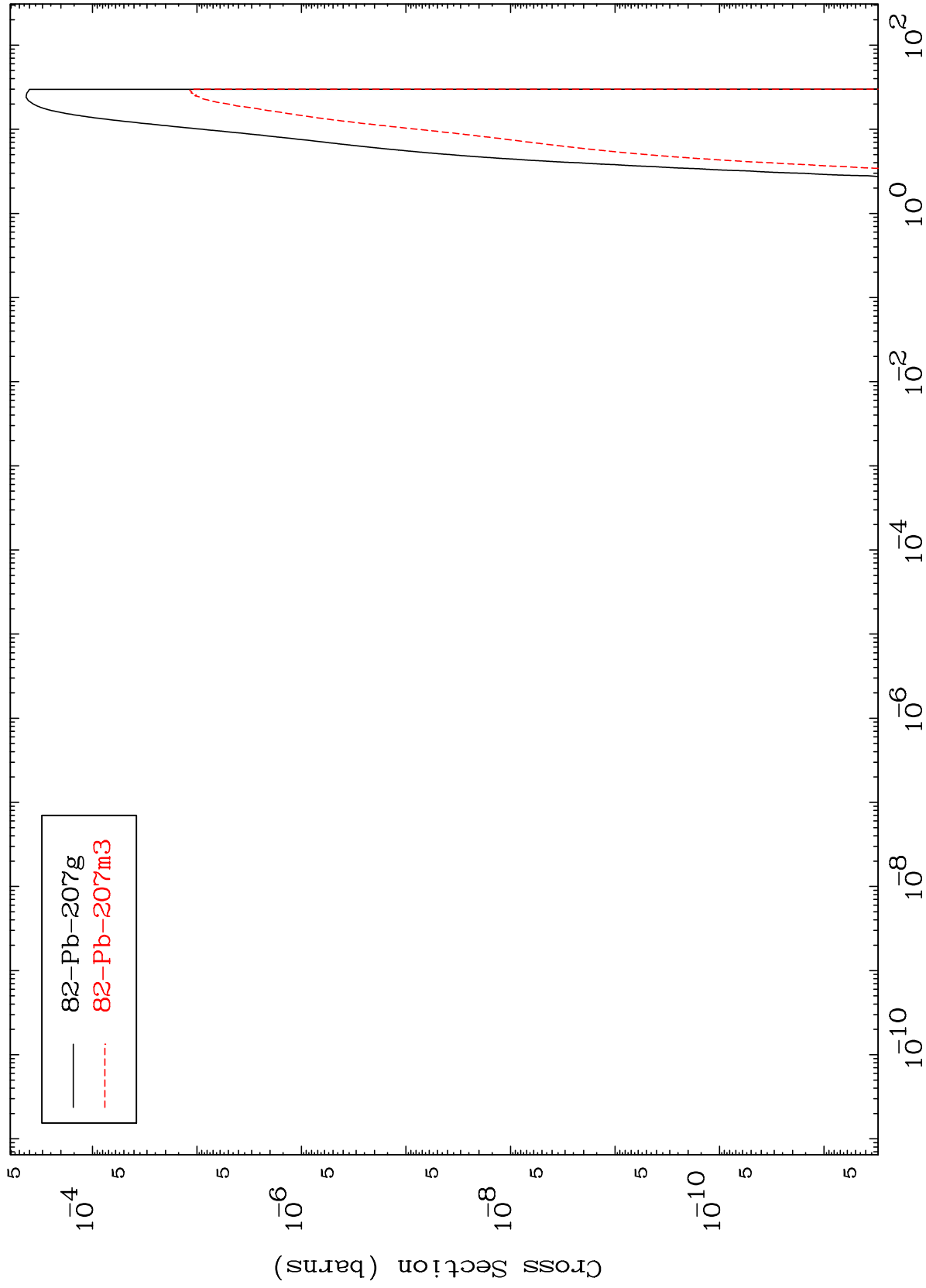
85-At-211

MAT 8549

(n,p) α

85-At-211

Radionuclide Production Cross Section



144

Incident Energy (MeV)

85-At-211