

Program EVALPLOT
(Version 2018-1)

by

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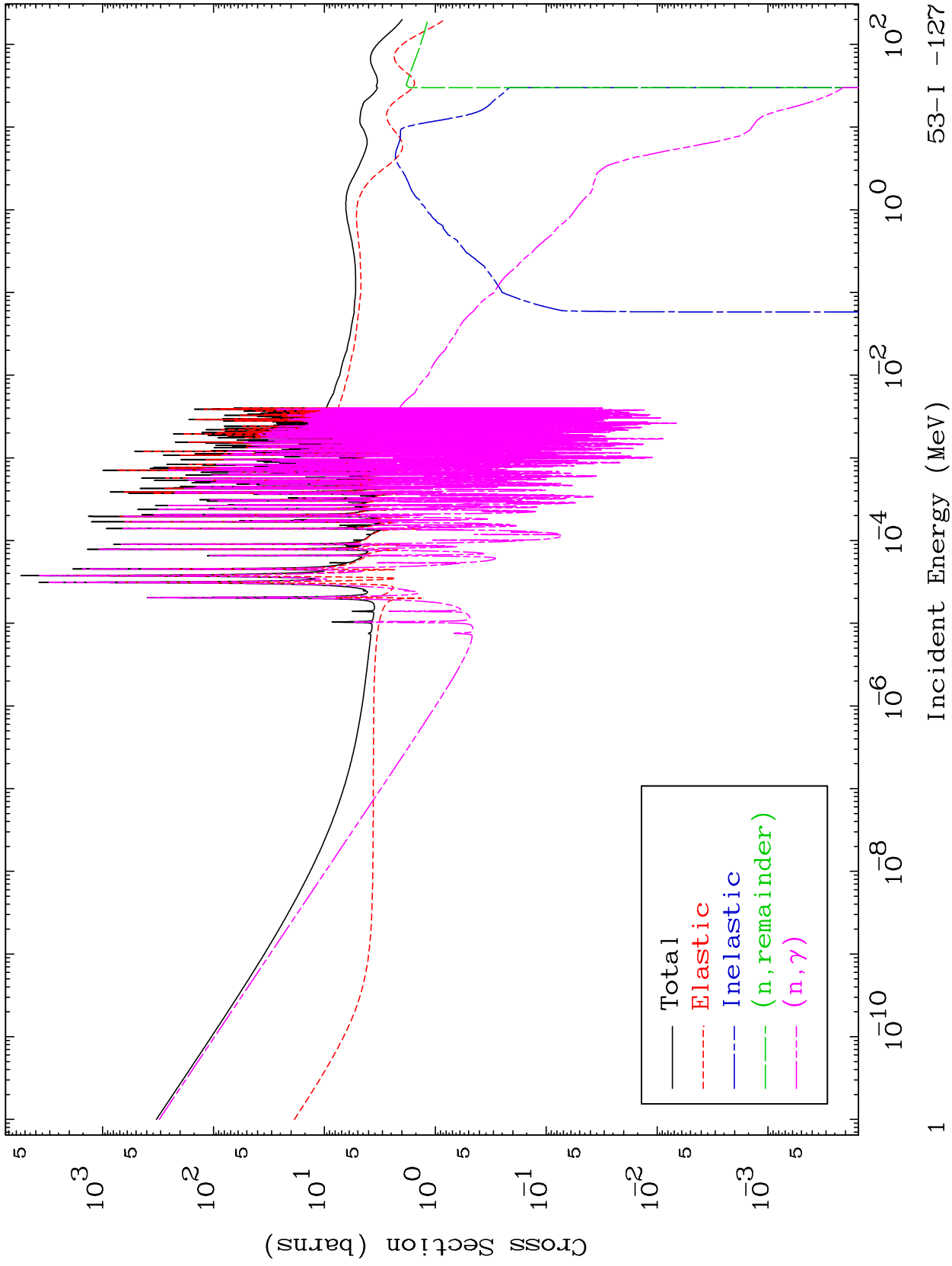
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

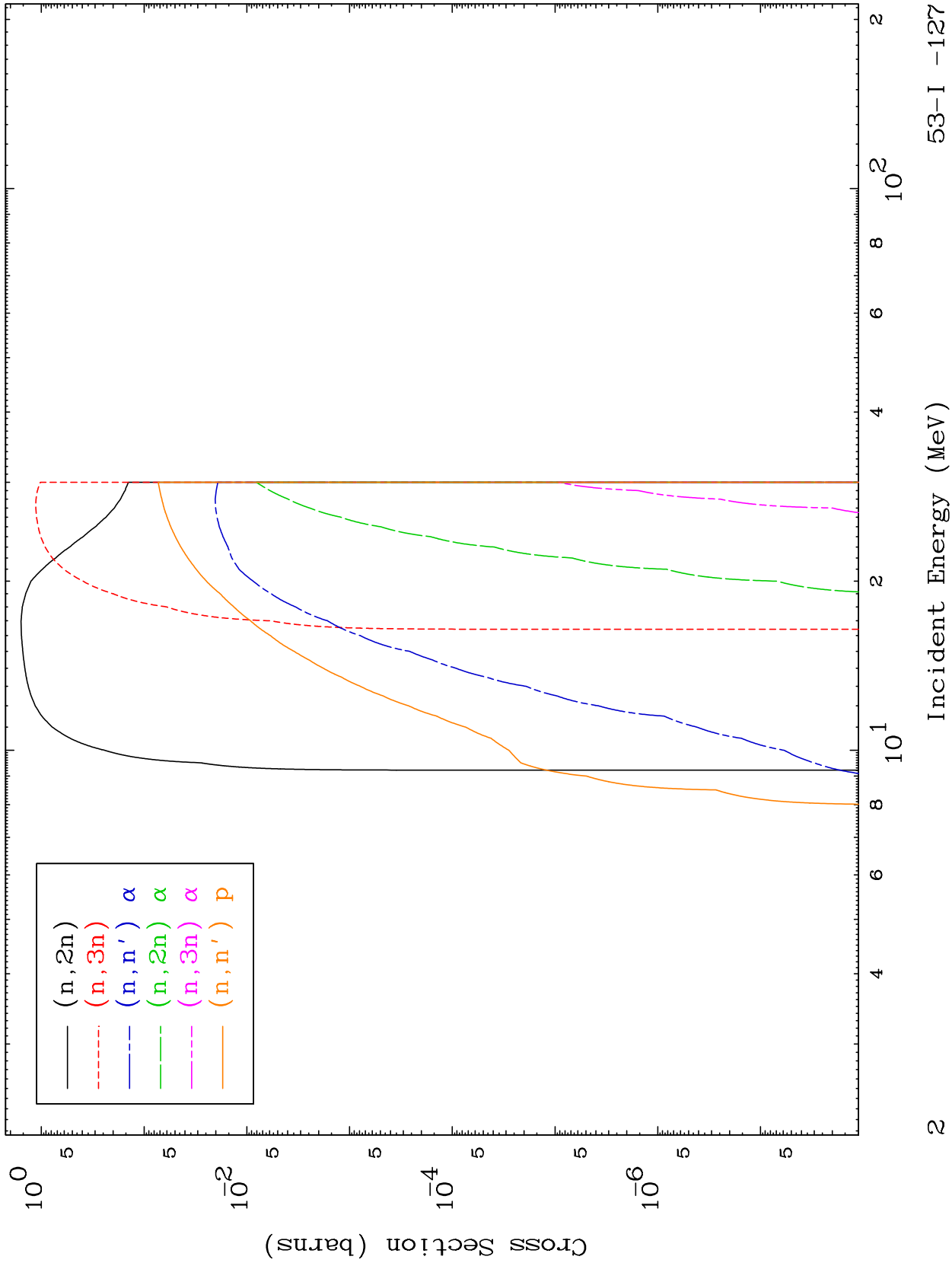
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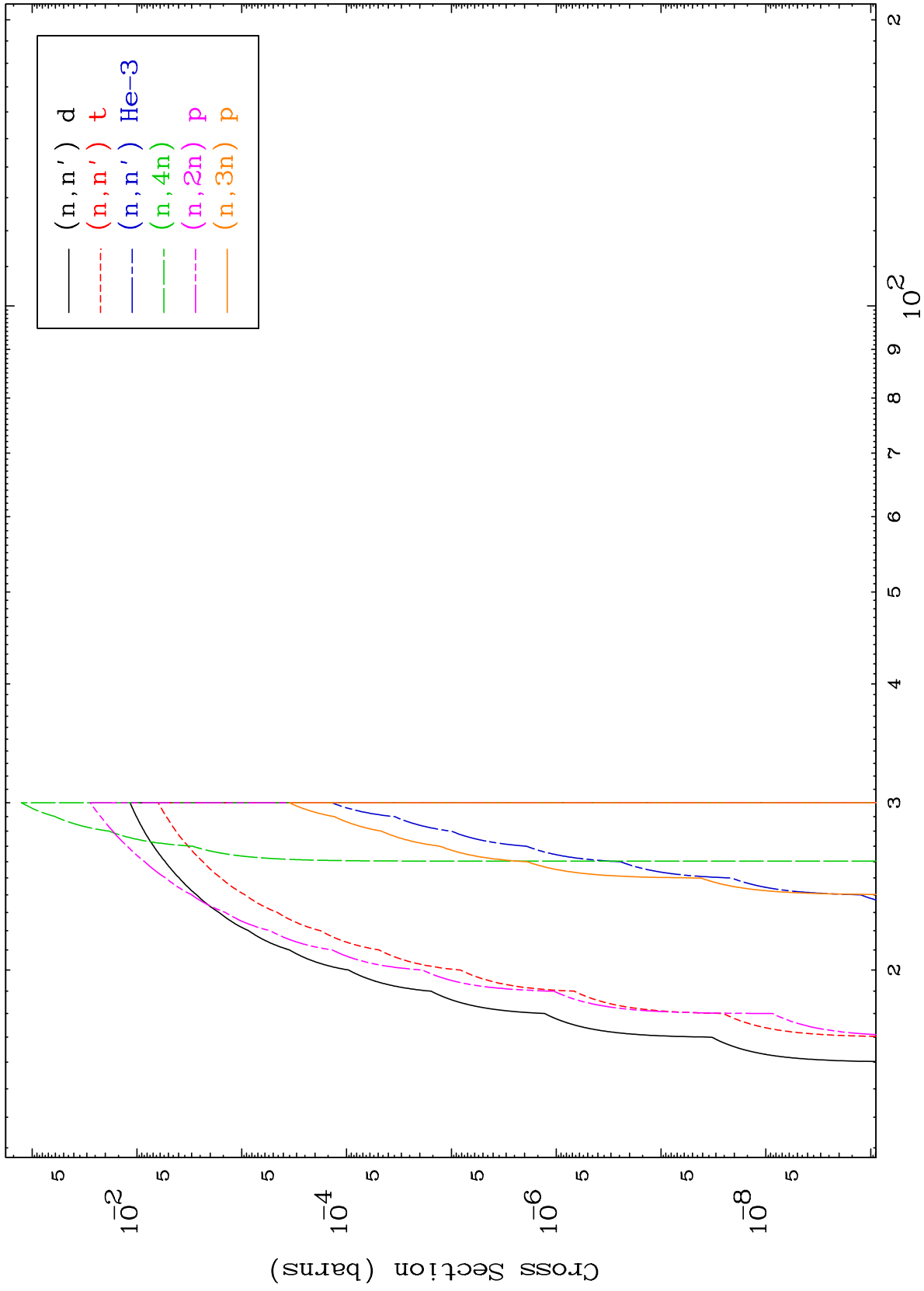
MAT 5325

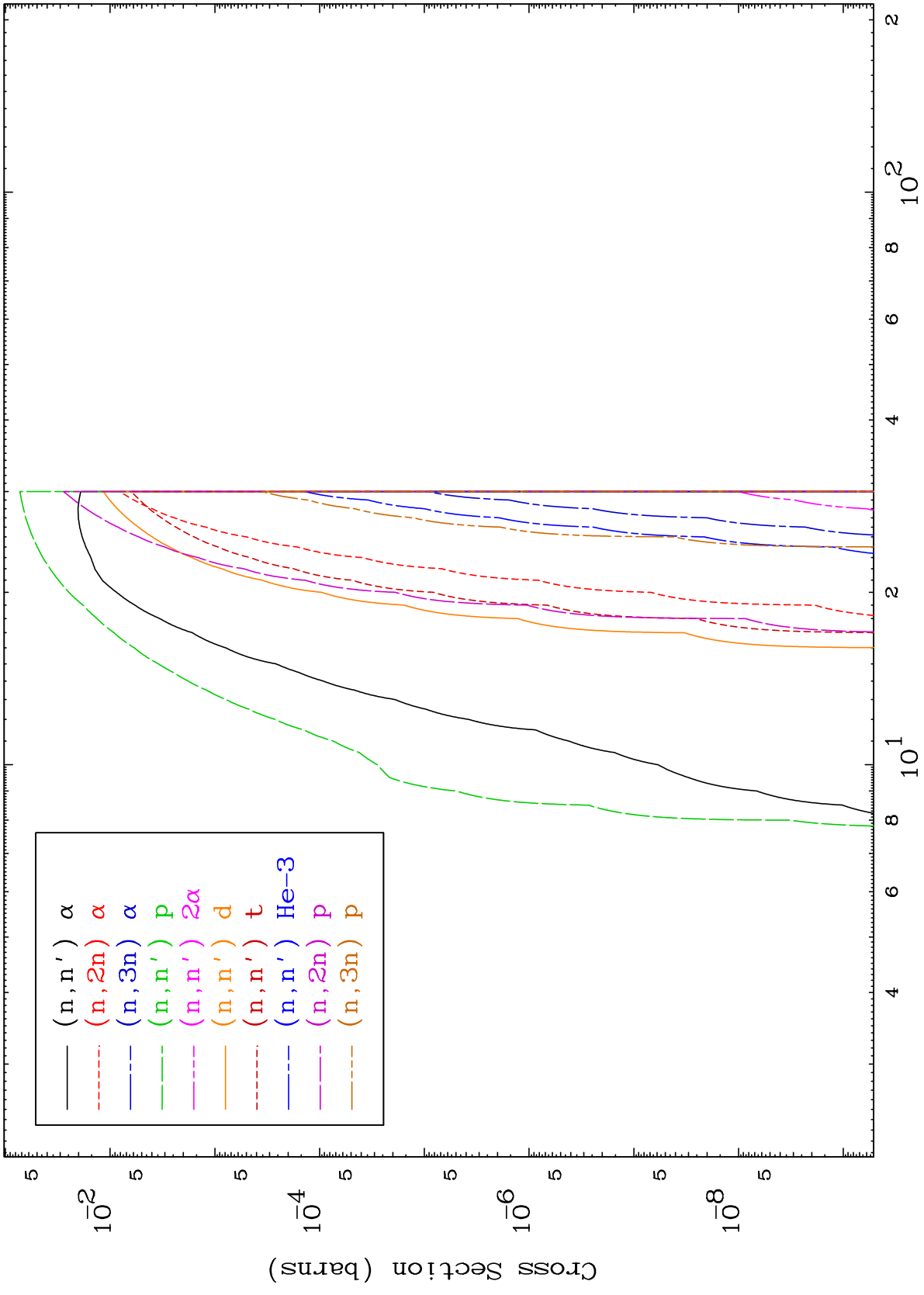
Major
293 Kelvin Cross Sections

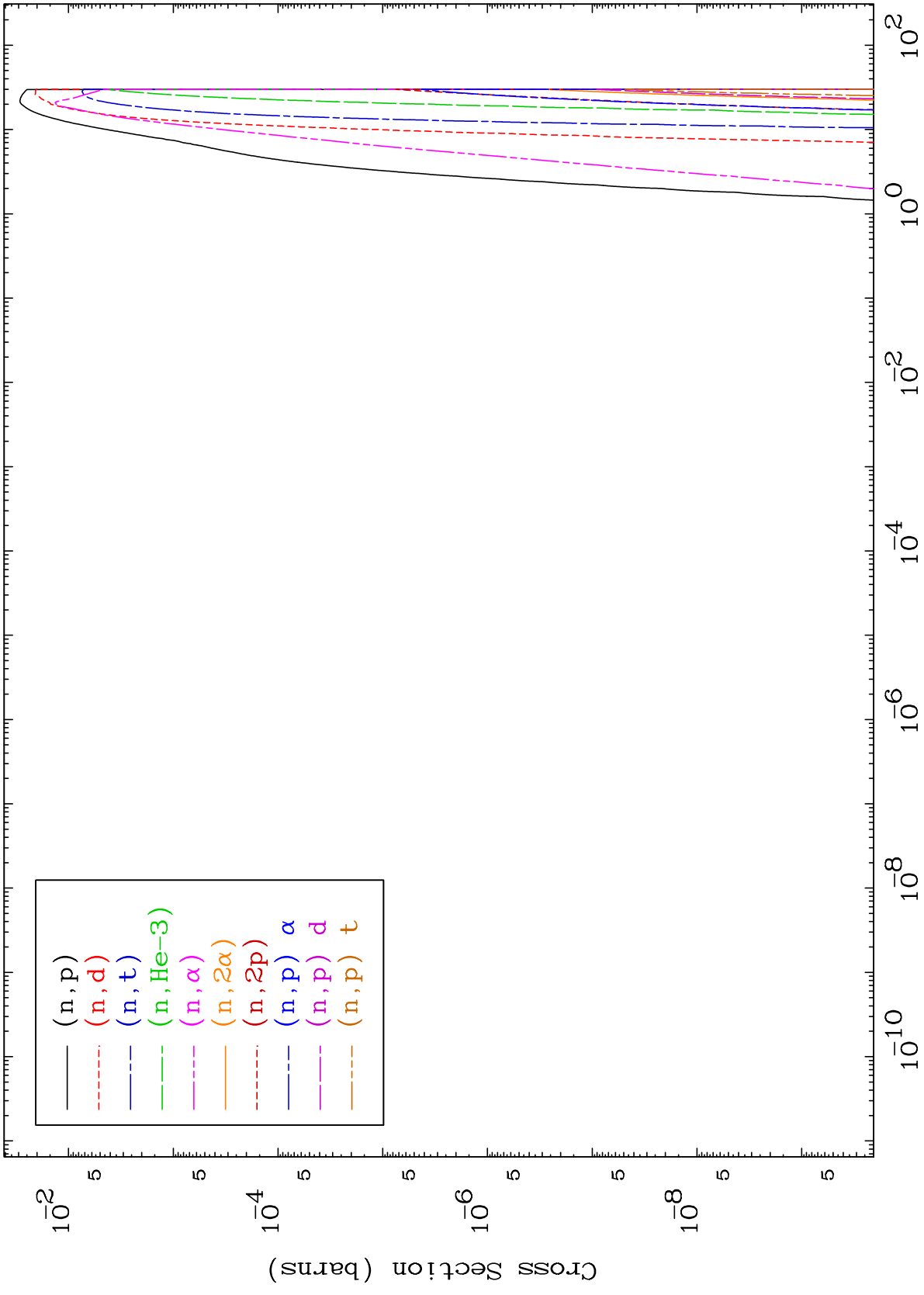
53-I -127

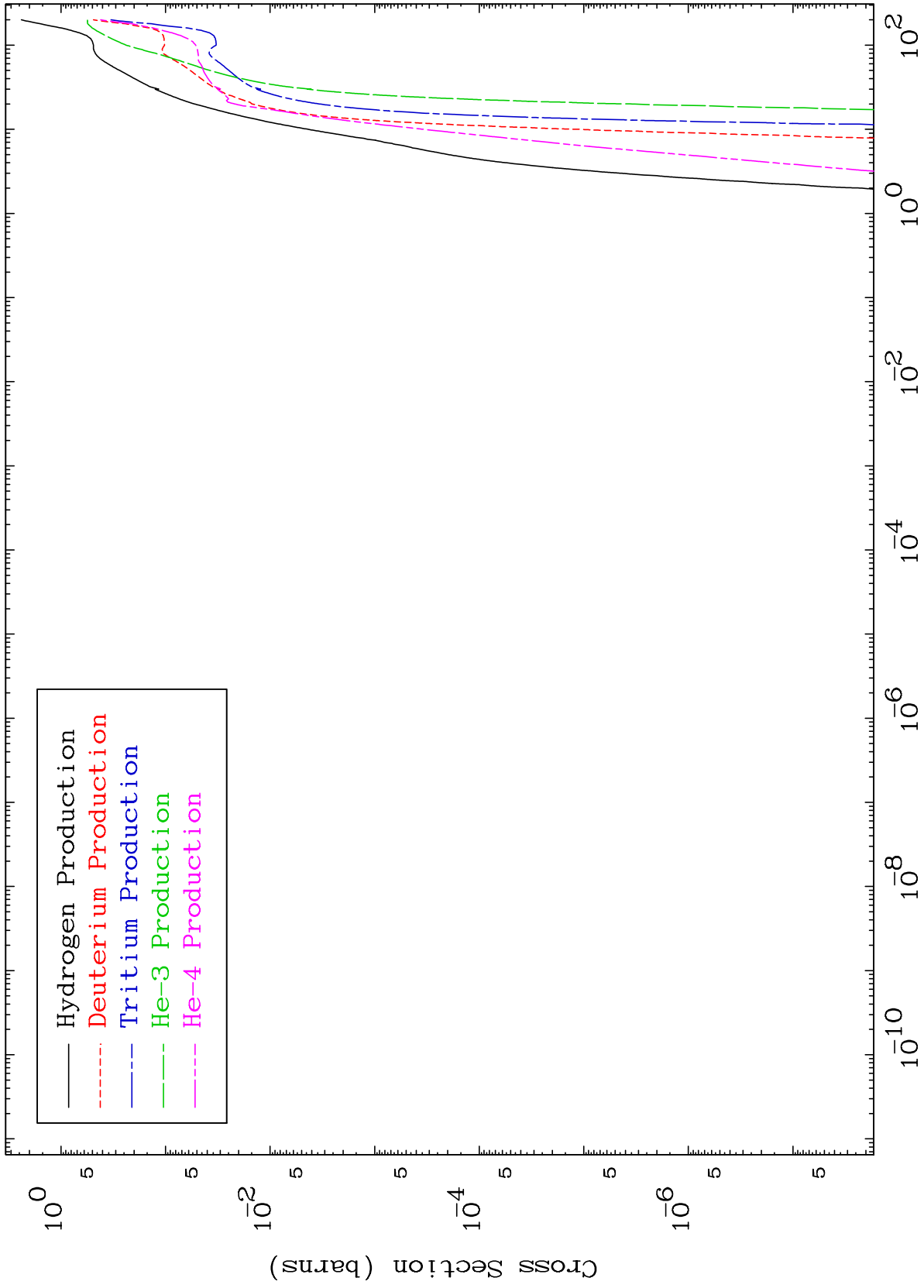


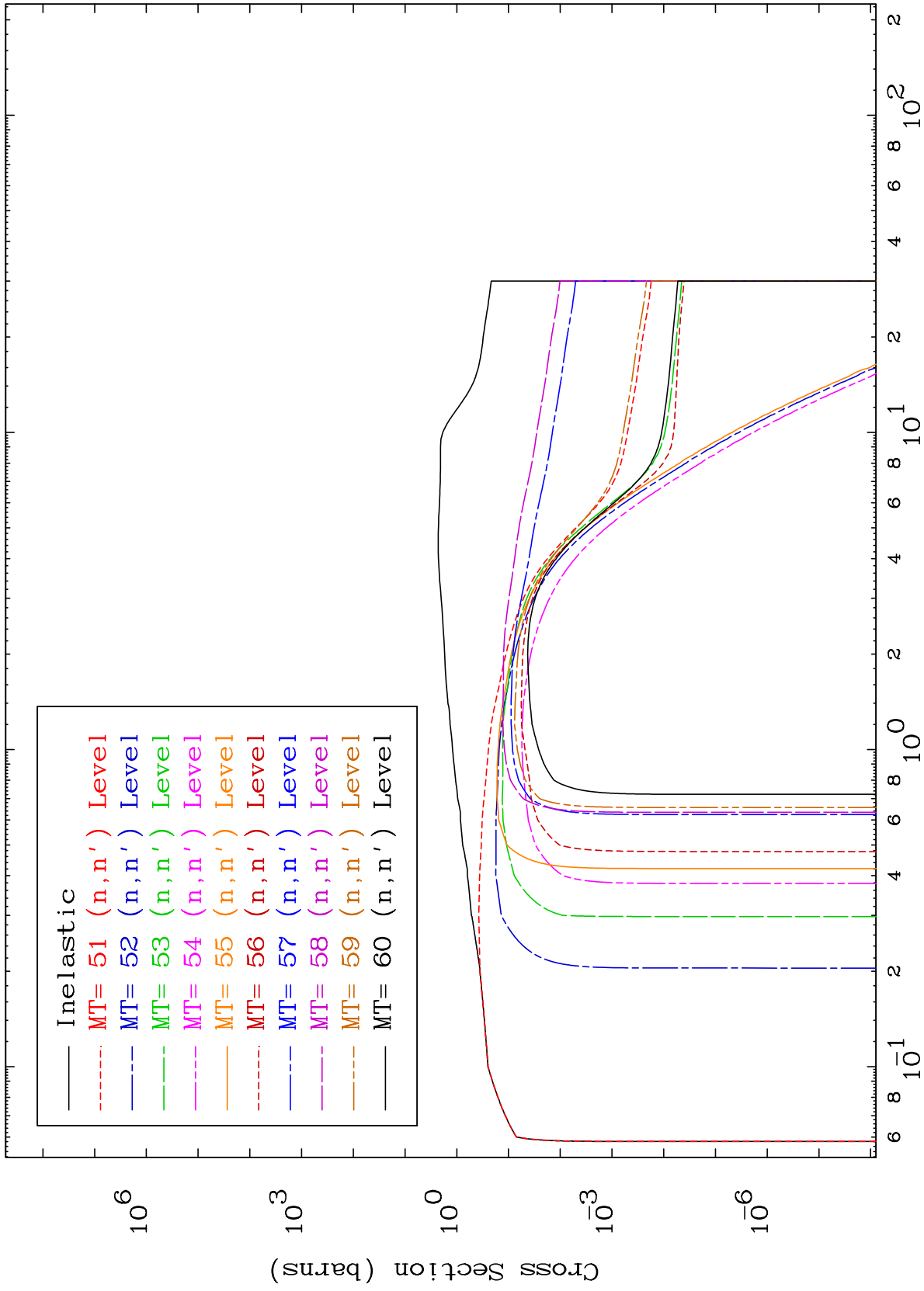












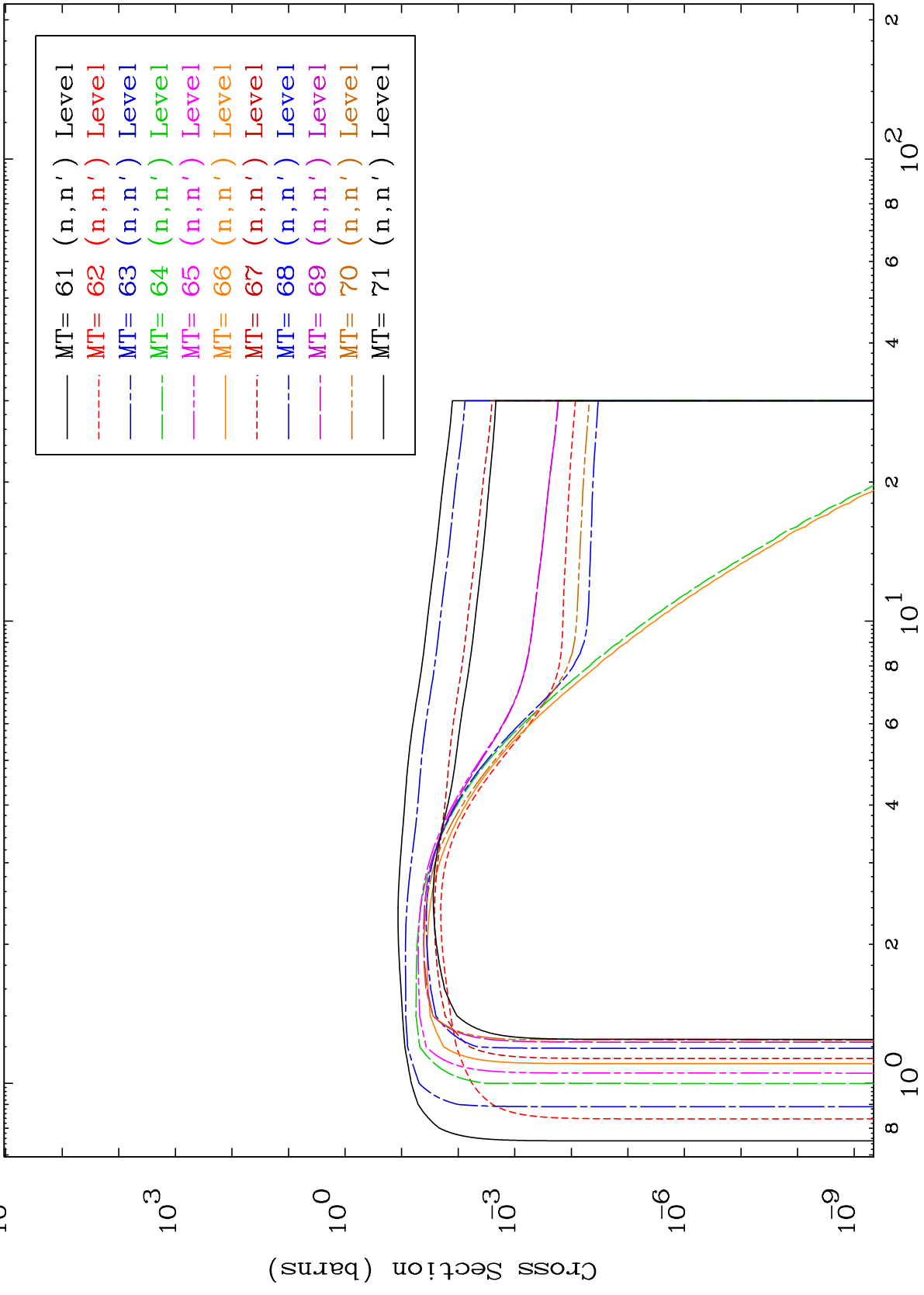
MAT 5325

(n,n') Level

53-I -127

293 Kelvin Cross Sections

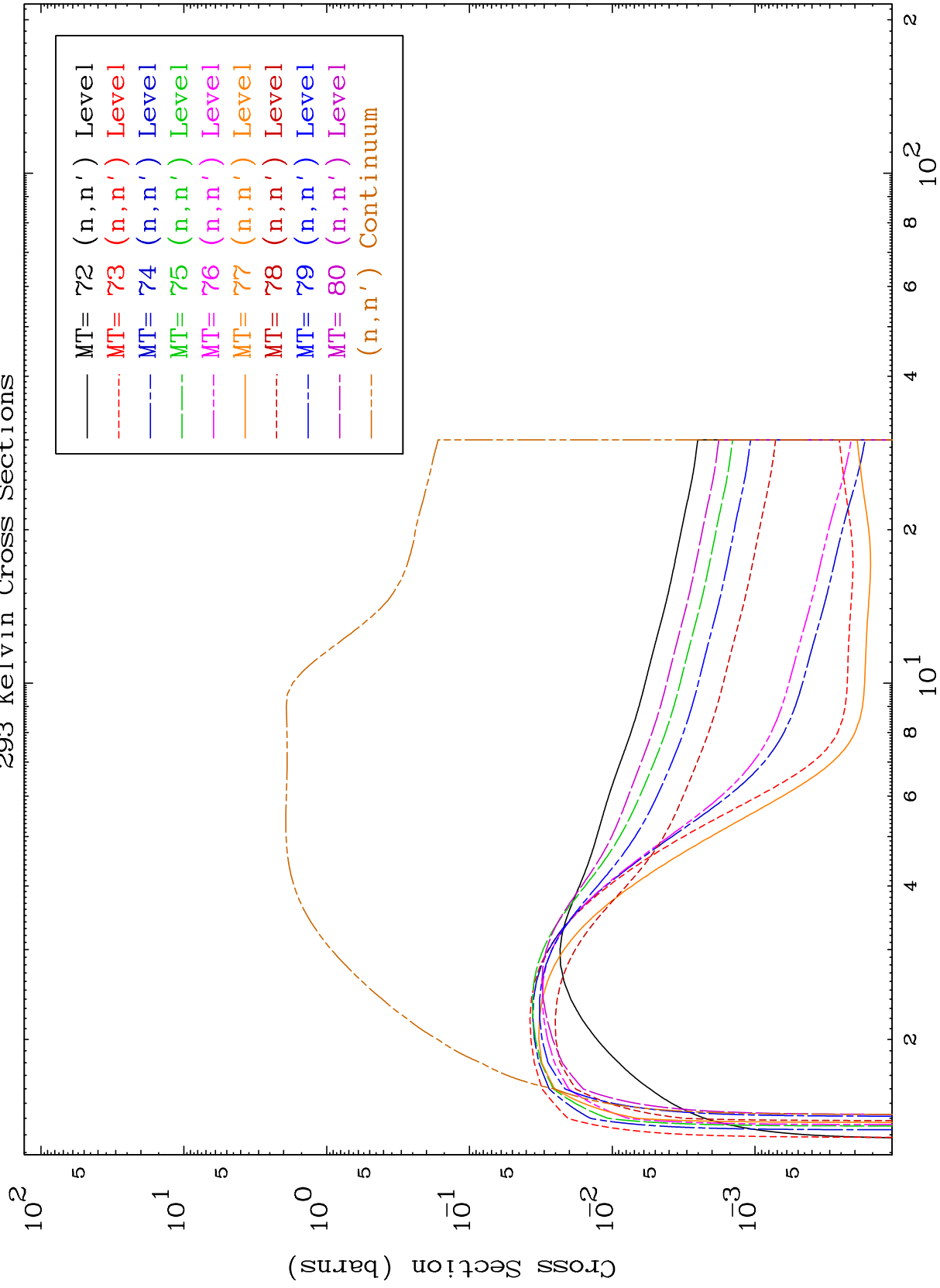
53-I -127



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Incident Energy (MeV)

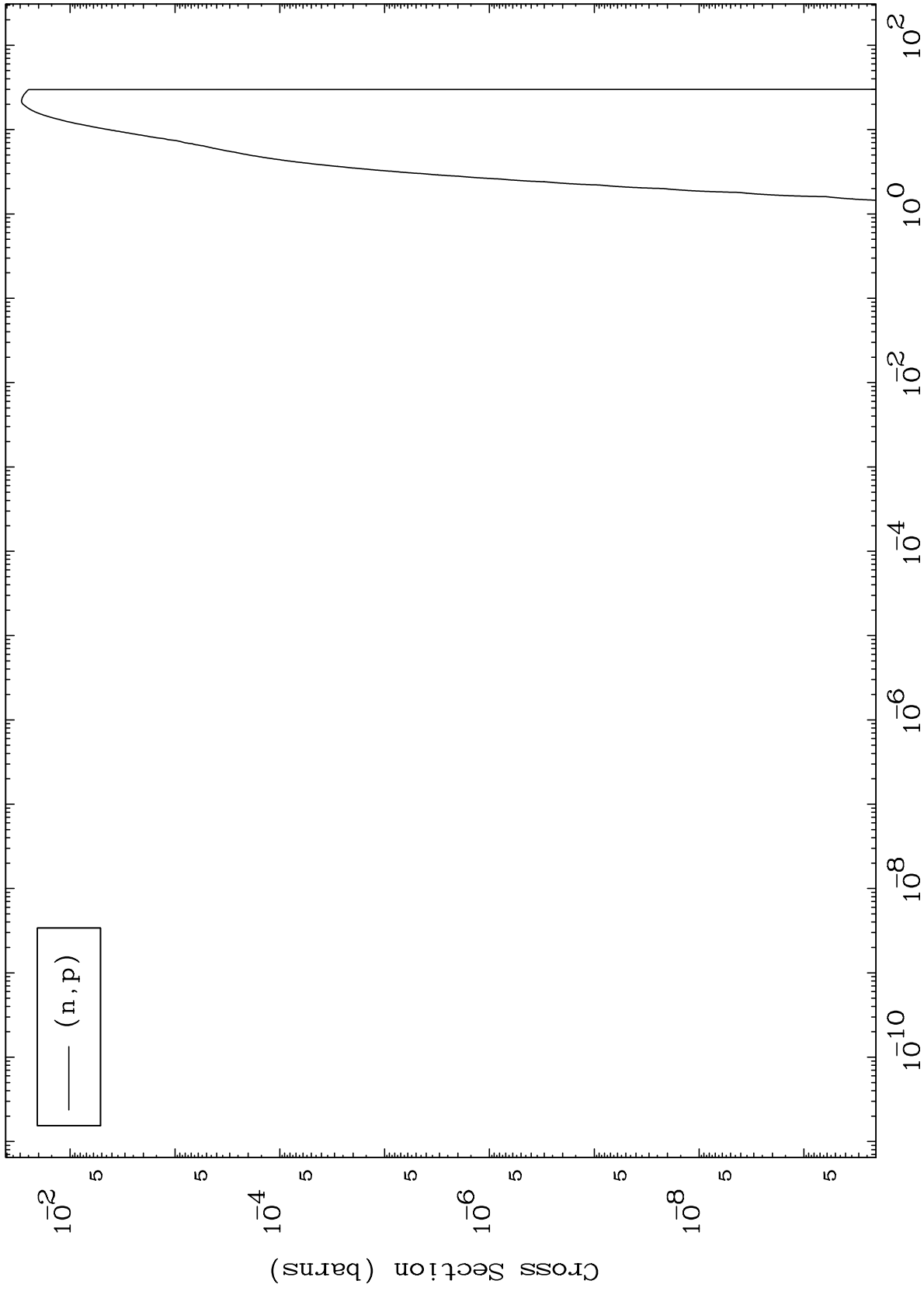
53-I -127



MAT 5325

(n,p) Levels
293 Kelvin Cross Sections

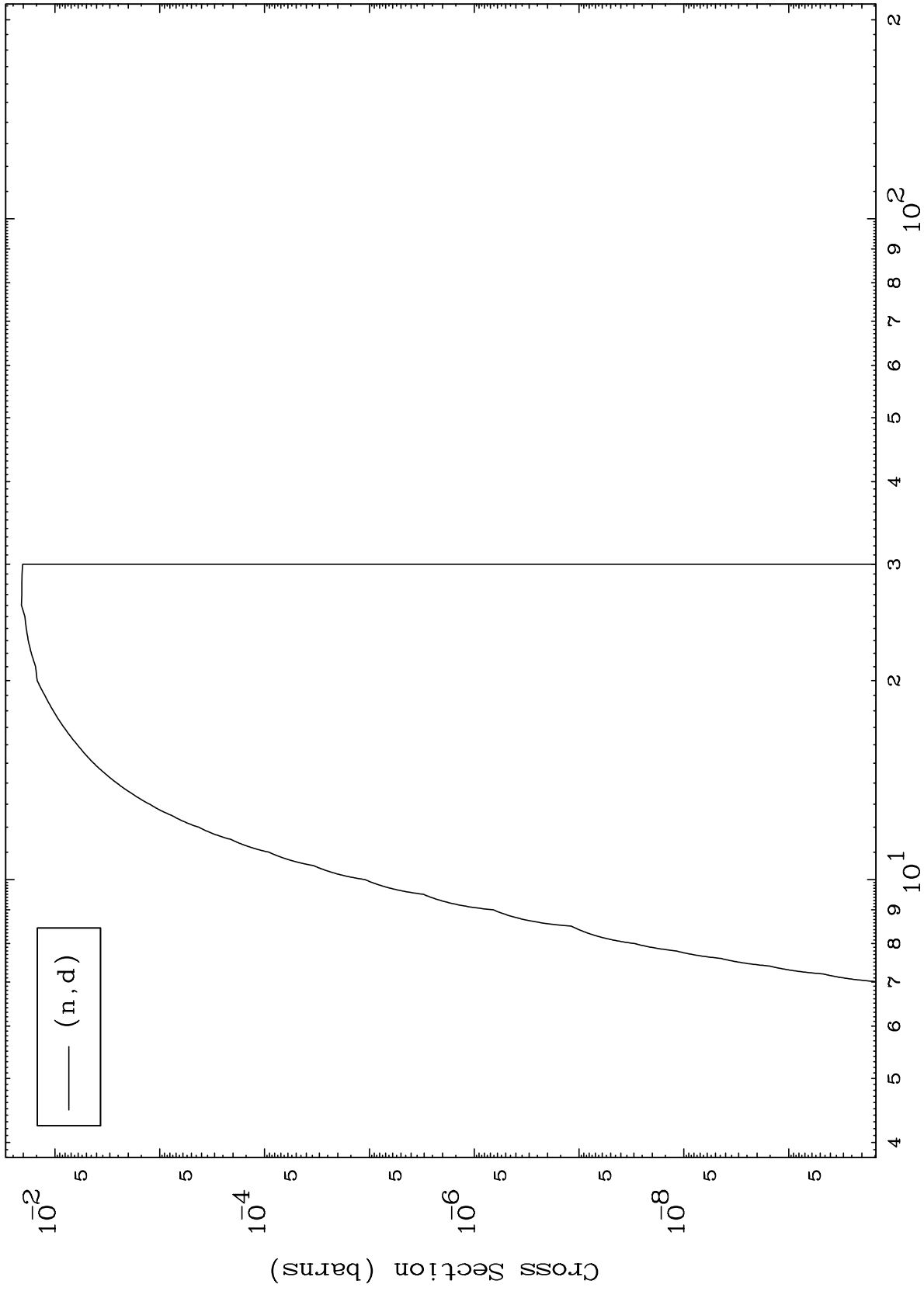
53-I -127



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Incident Energy (MeV)

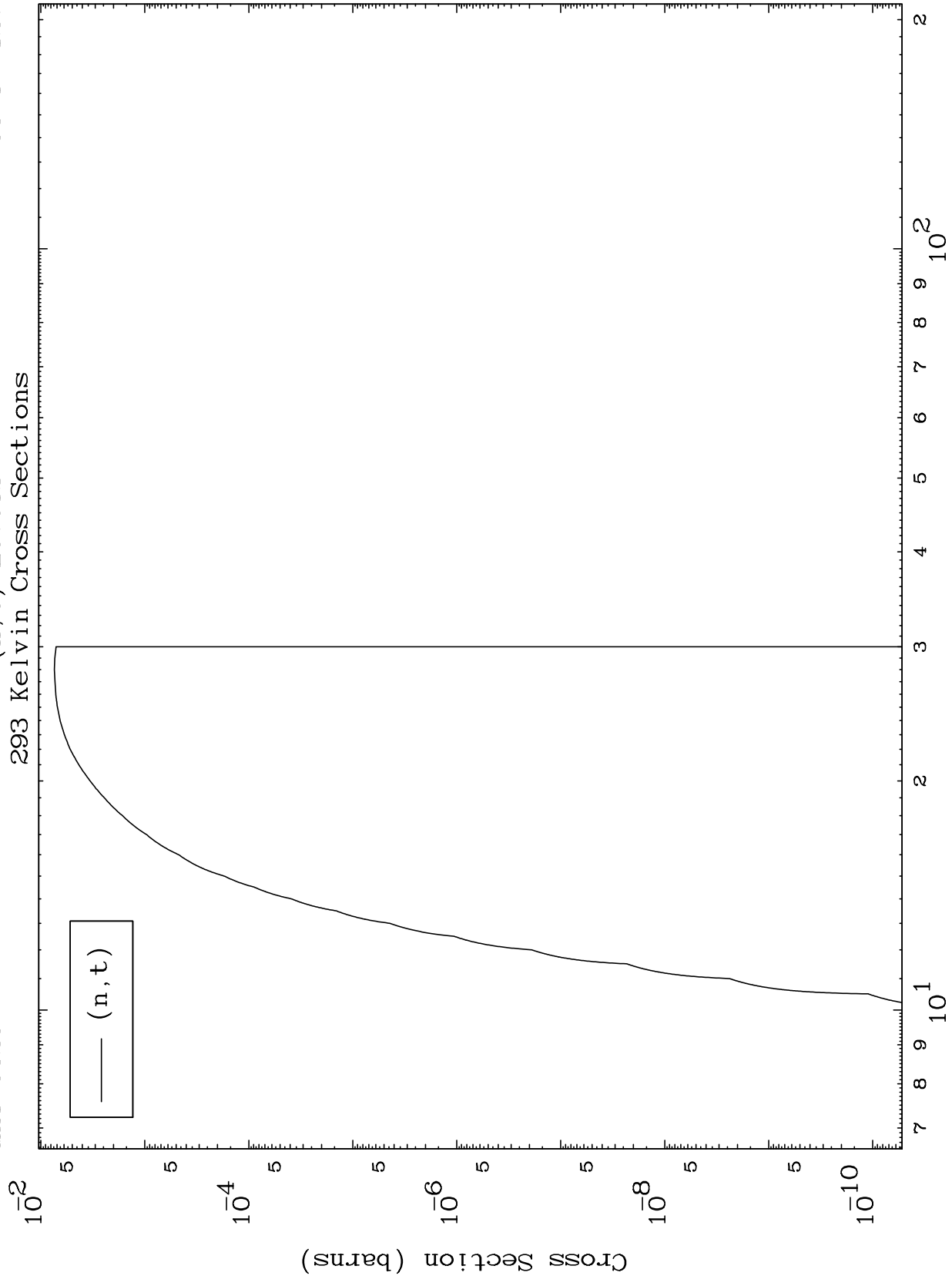
53-I -127



MAT 5325

(n,t) Levels
293 Kelvin Cross Sections

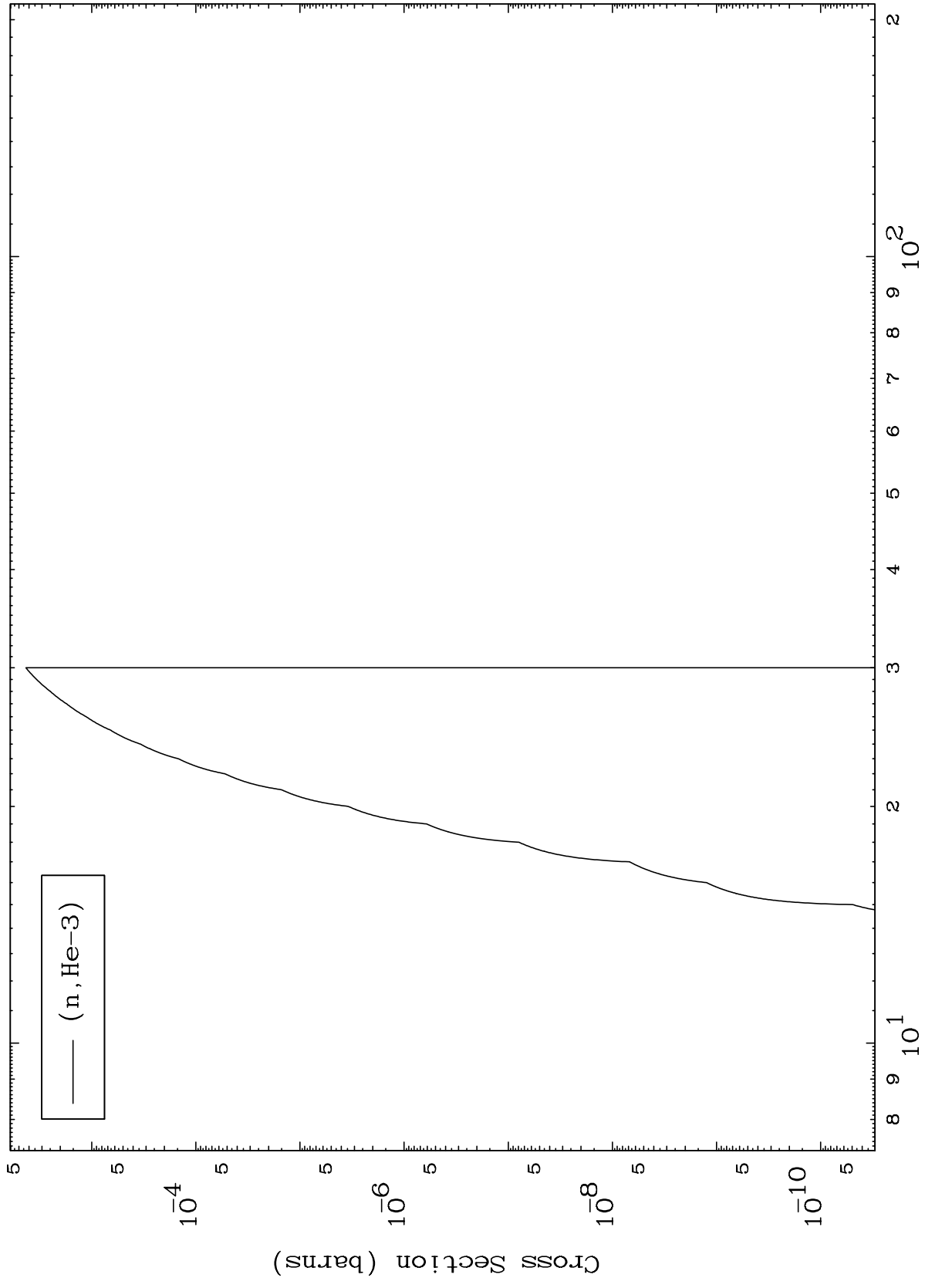
53-I -127



12

Incident Energy (MeV)

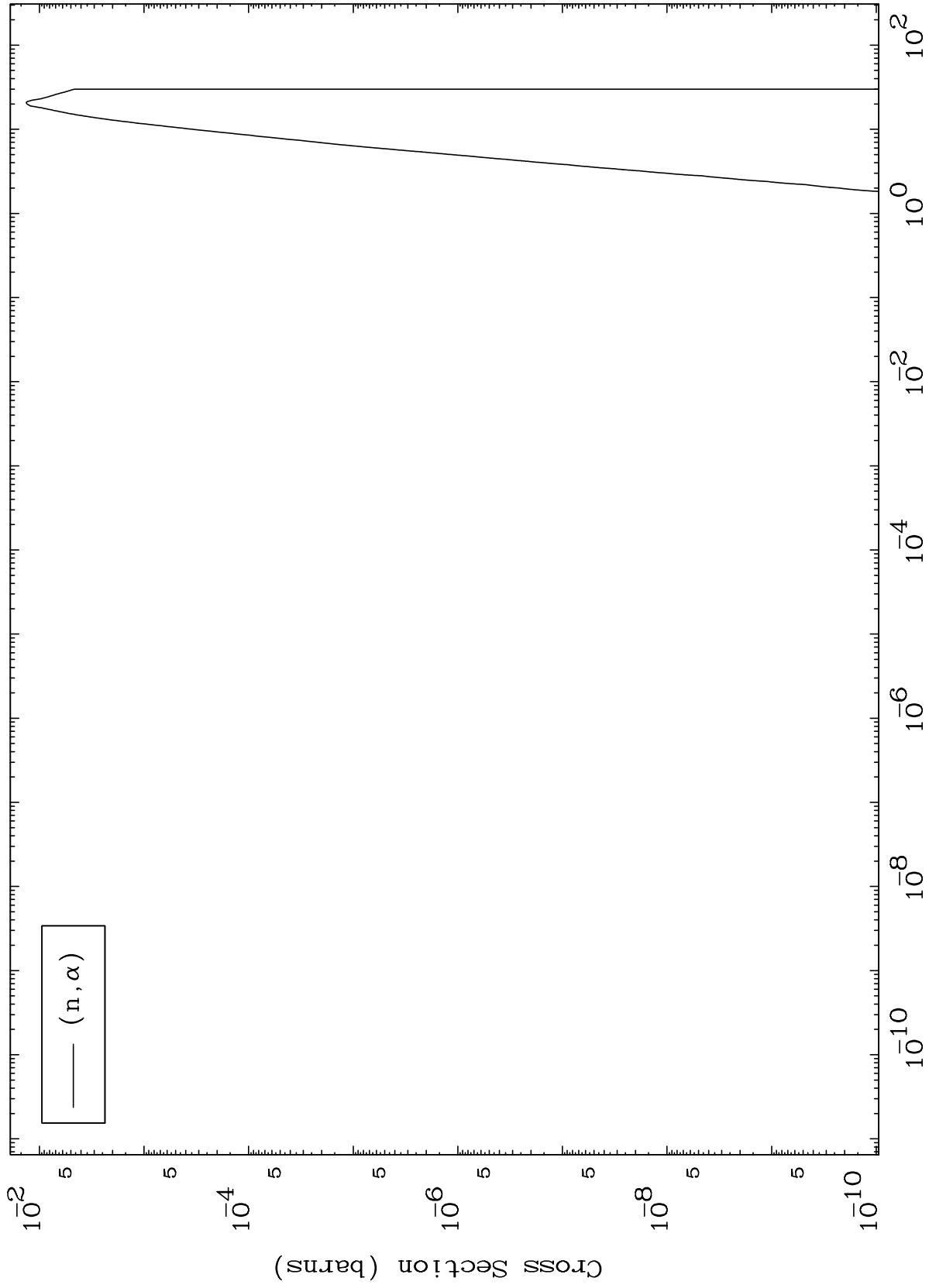
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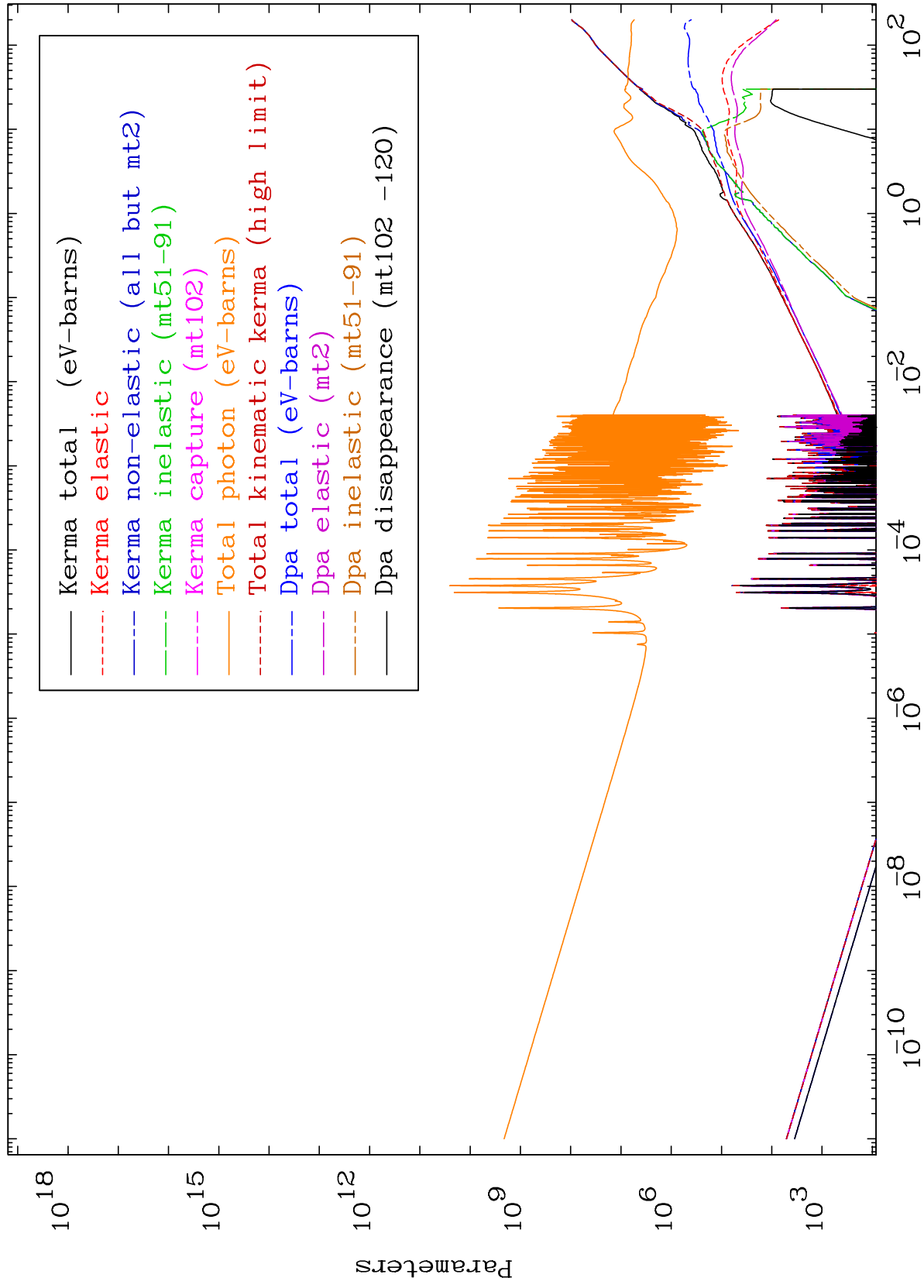


MAT 5325

(n, α) Levels
293 Kelvin Cross Sections

53-I -127

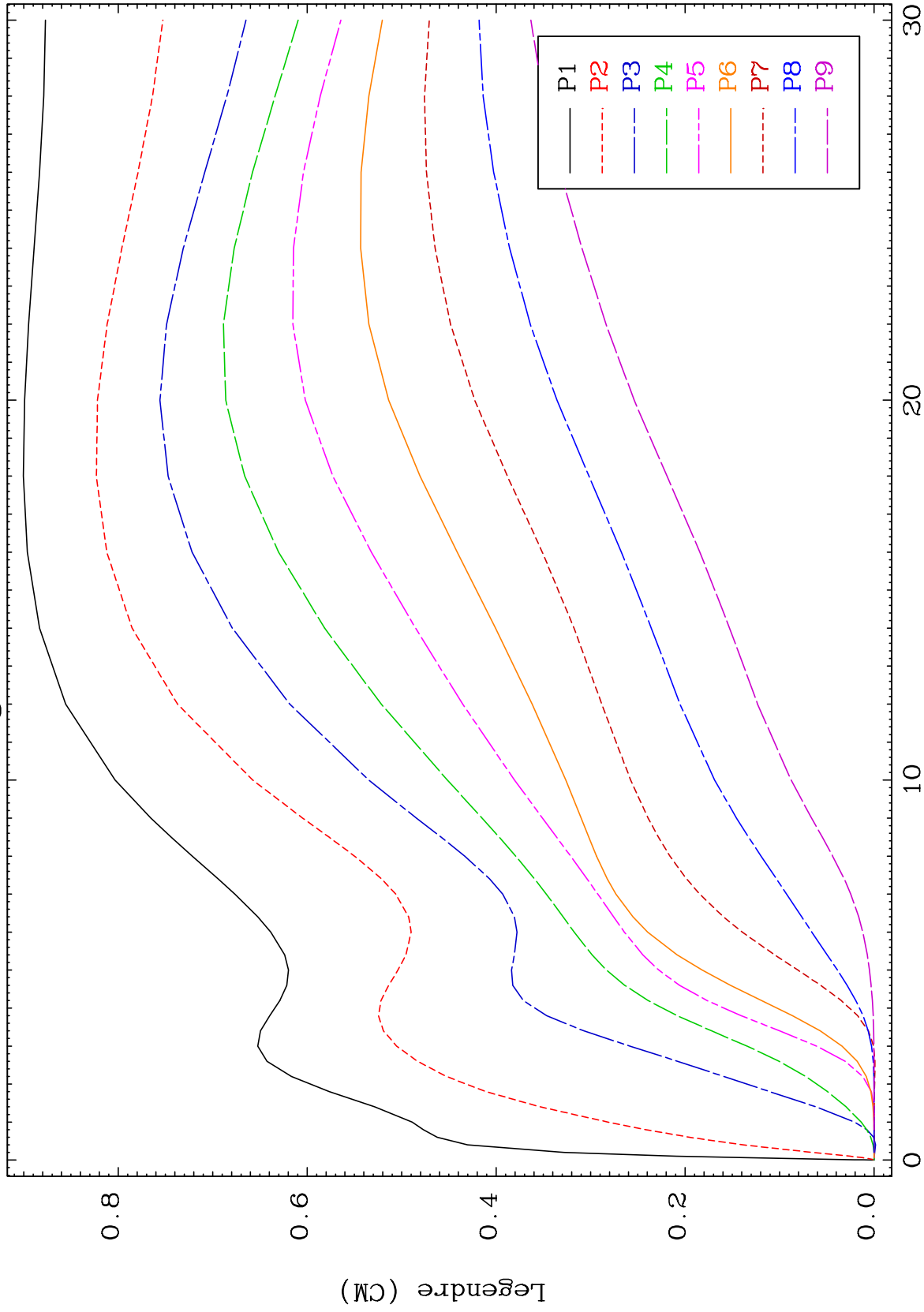




MAT 5325

Elastic Legendre Coefficients

53-I -127



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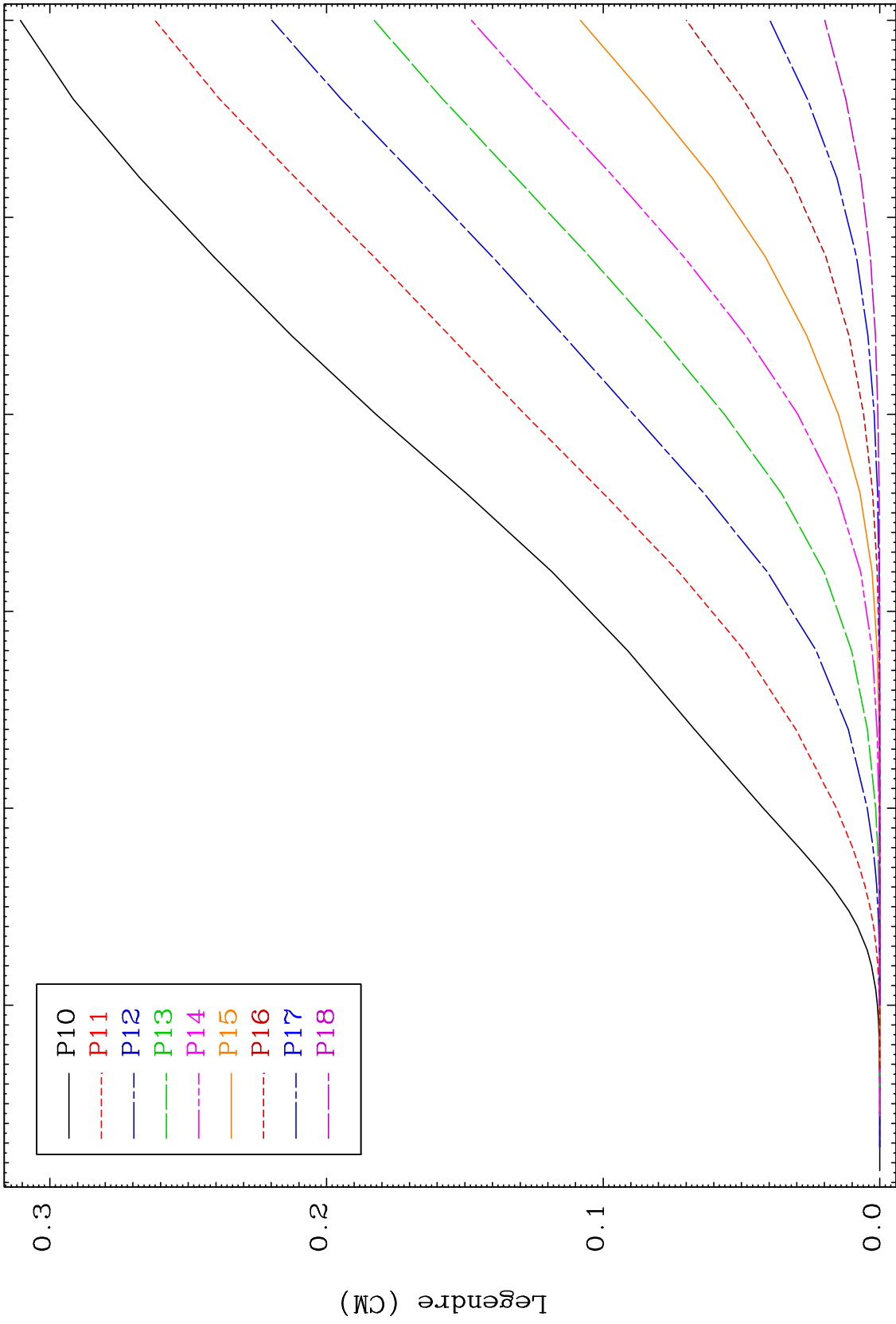
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic Legendre Coefficients

53-I -127



17

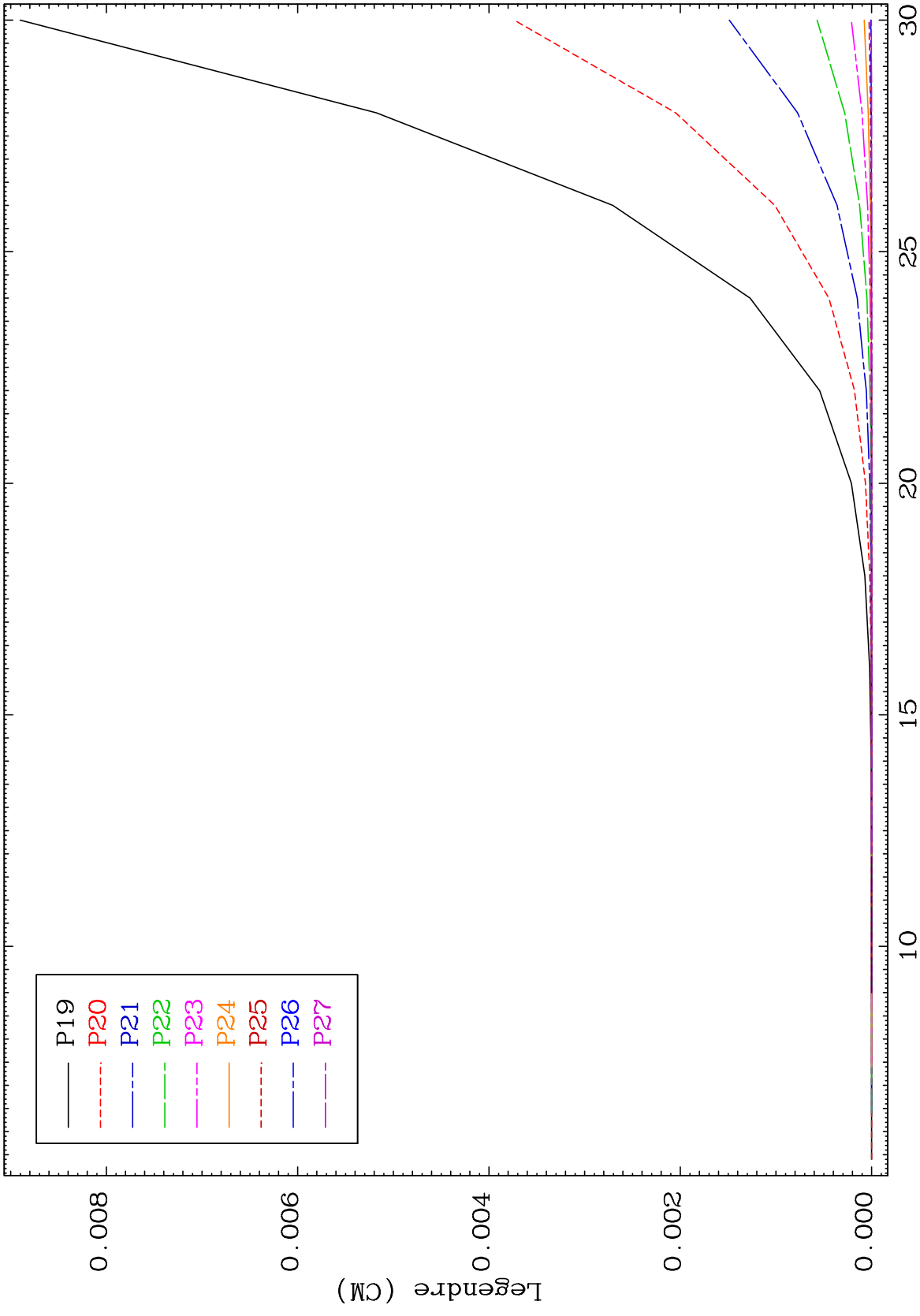
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic Legendre Coefficients

53-I -127



18

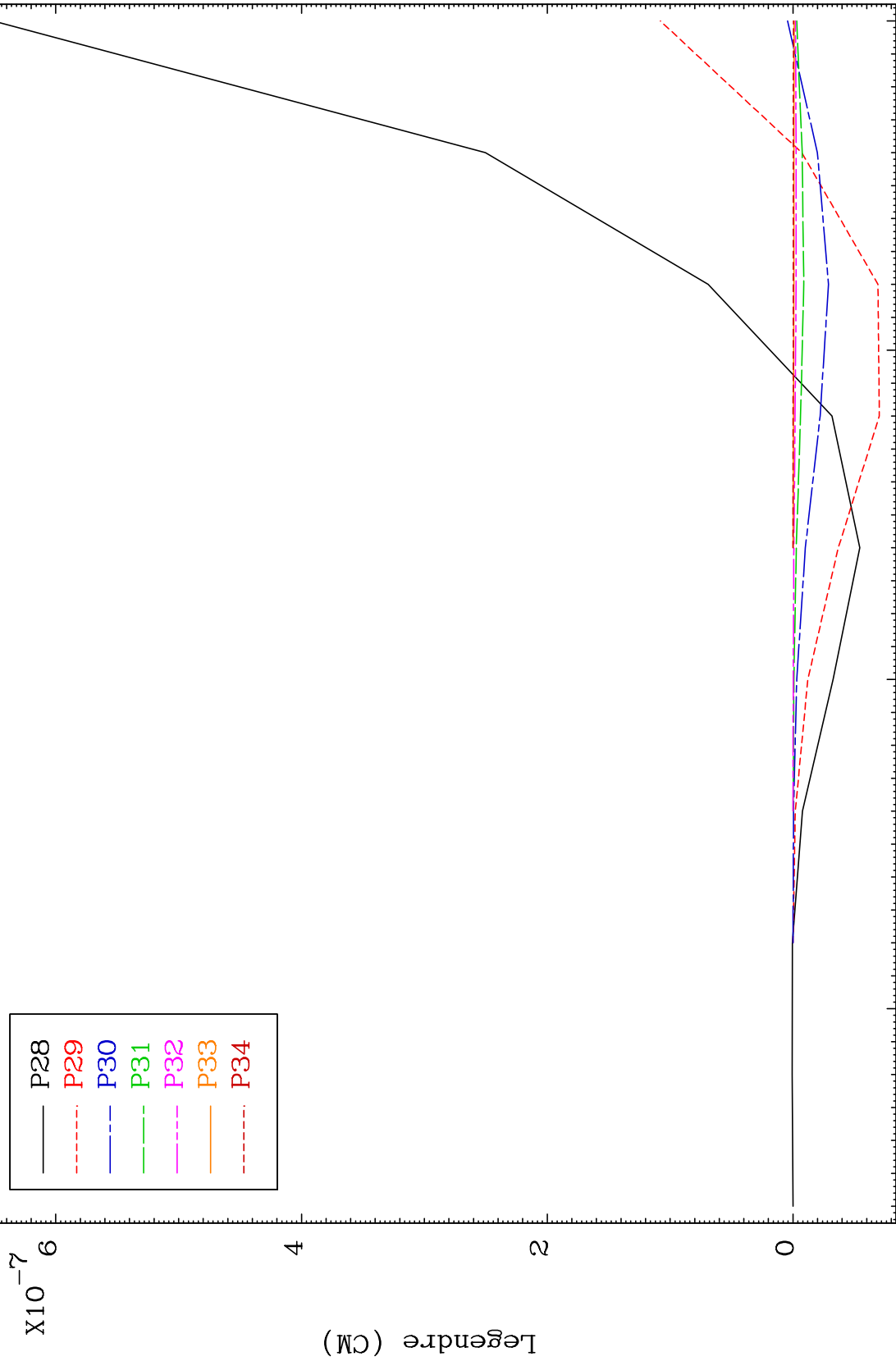
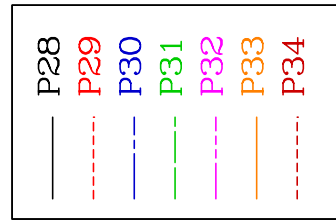
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic Legendre Coefficients

53-I -127



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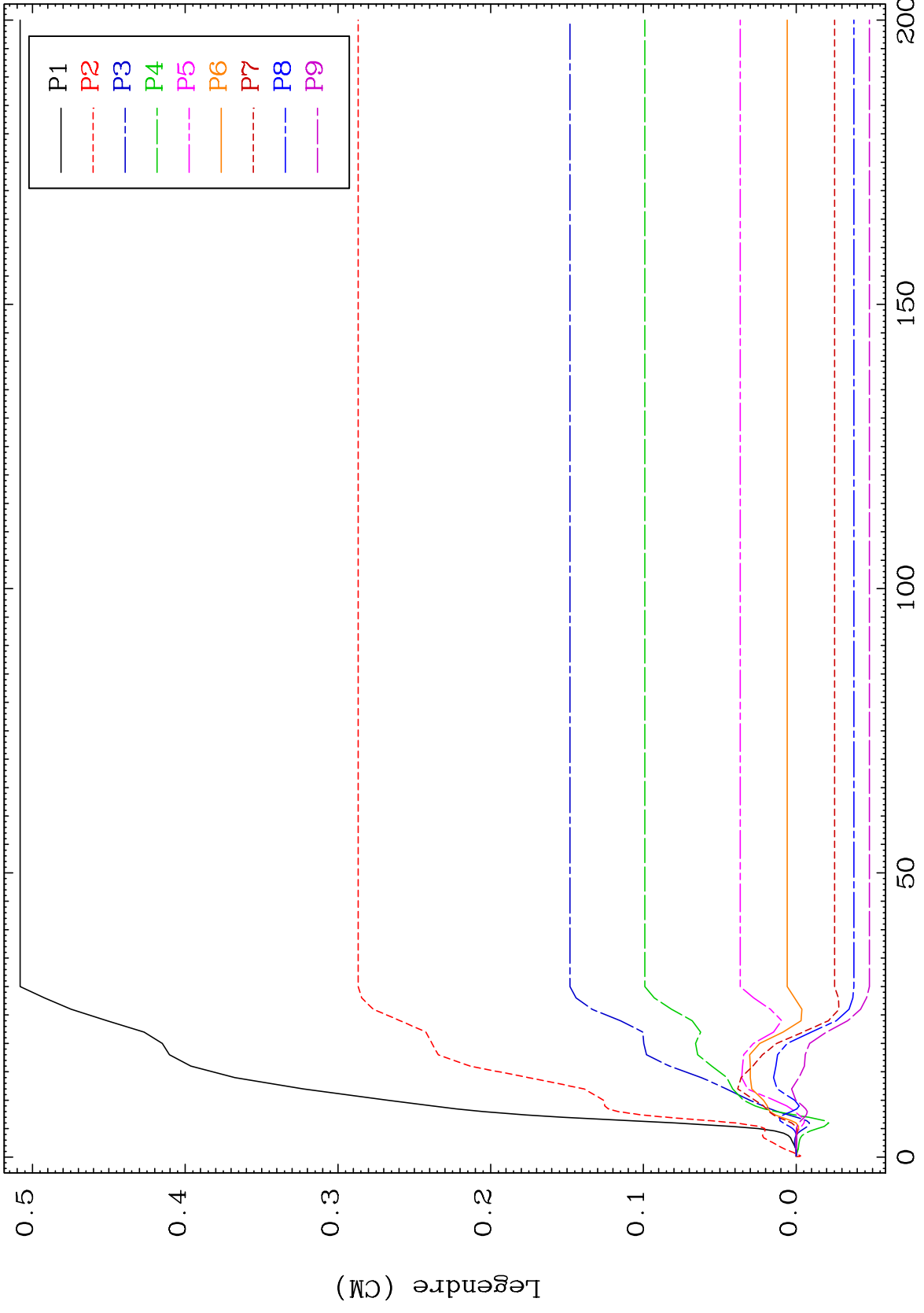
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



53-I -127

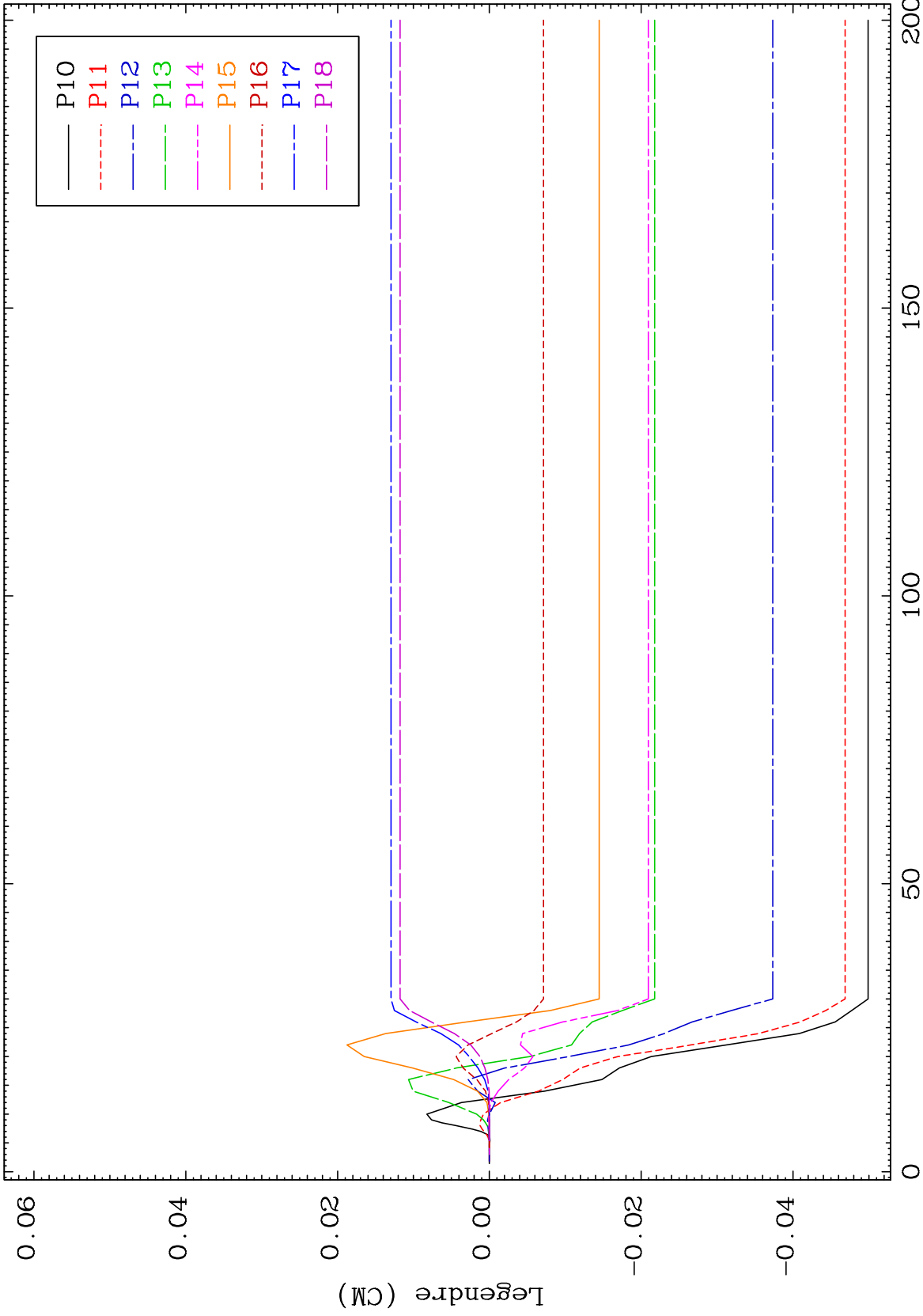
Incident Energy (MeV)

20

MAT 5325

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

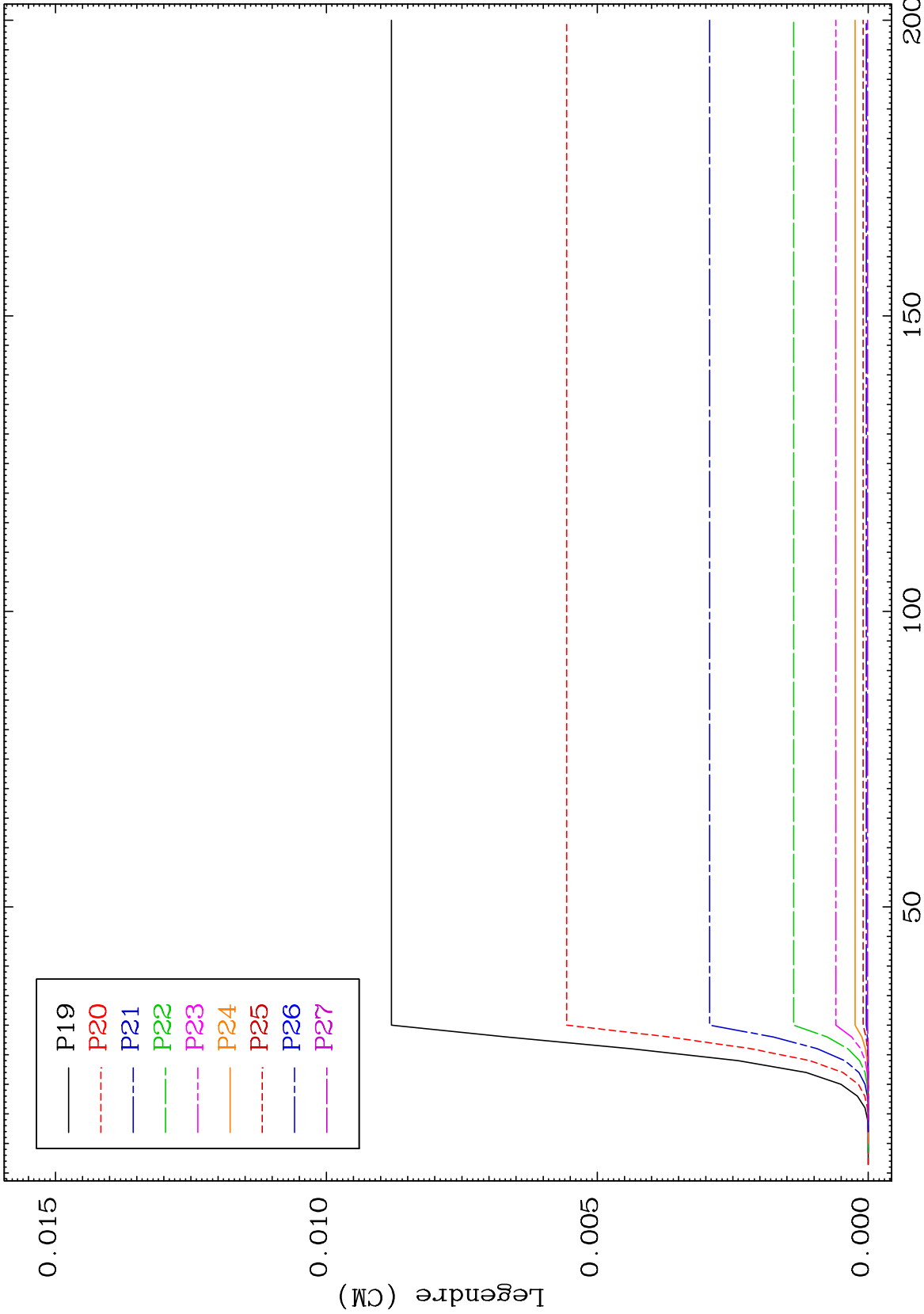
53-I -127



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Incident Energy (MeV)

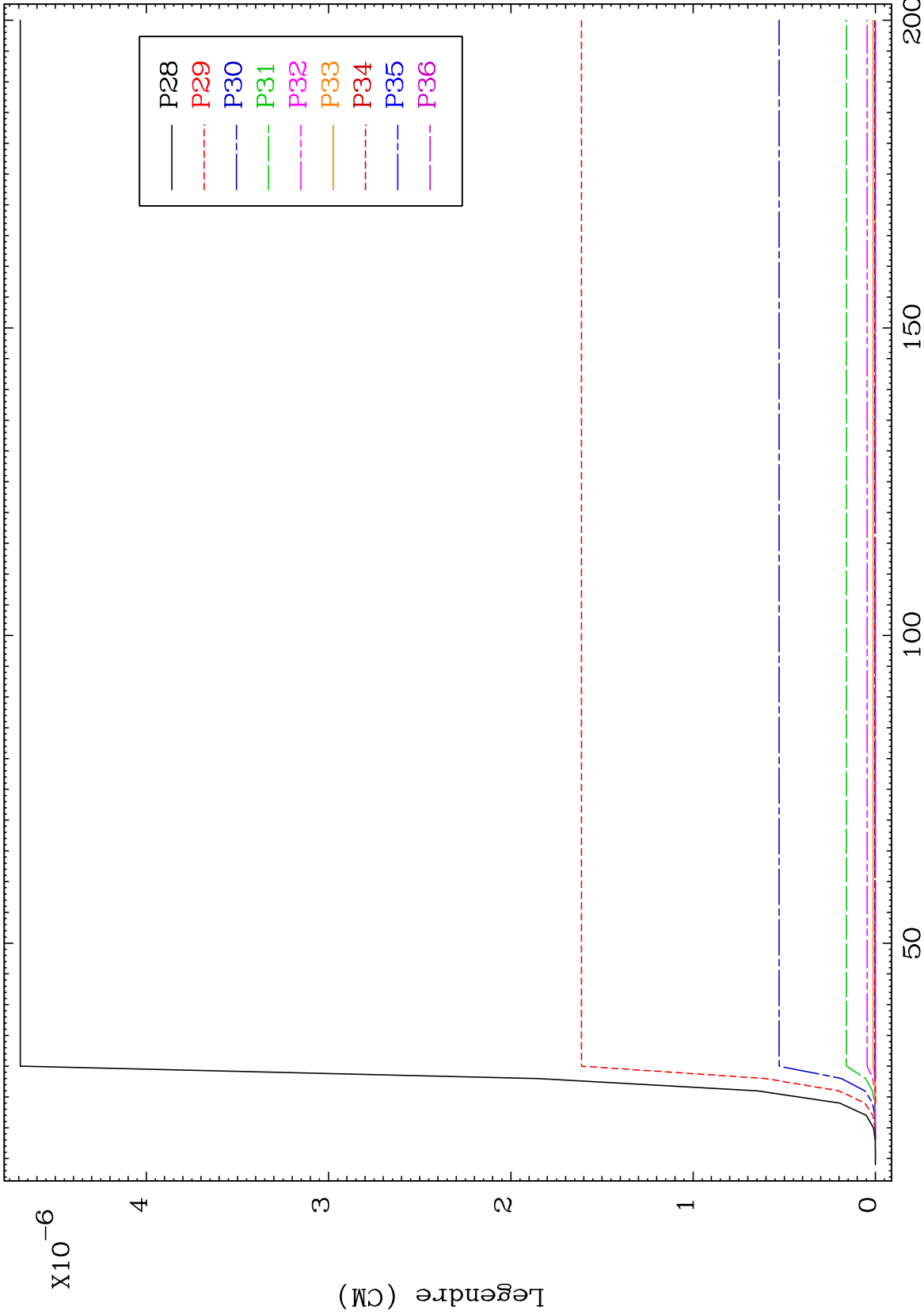
53-I -127



MAT 5325

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

53-I -127



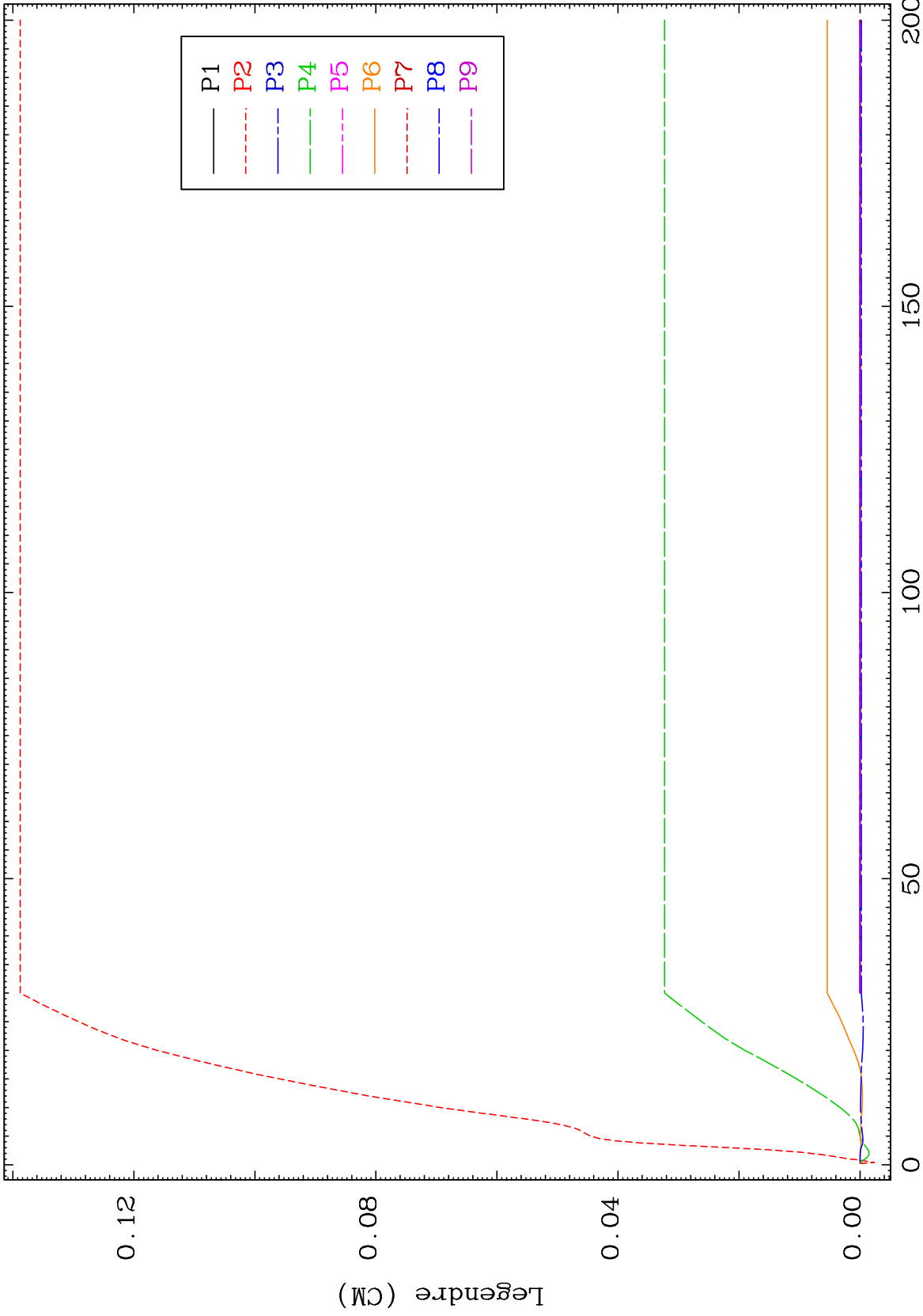
23

53-I -127

MAT 5325

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

53-I -127



24

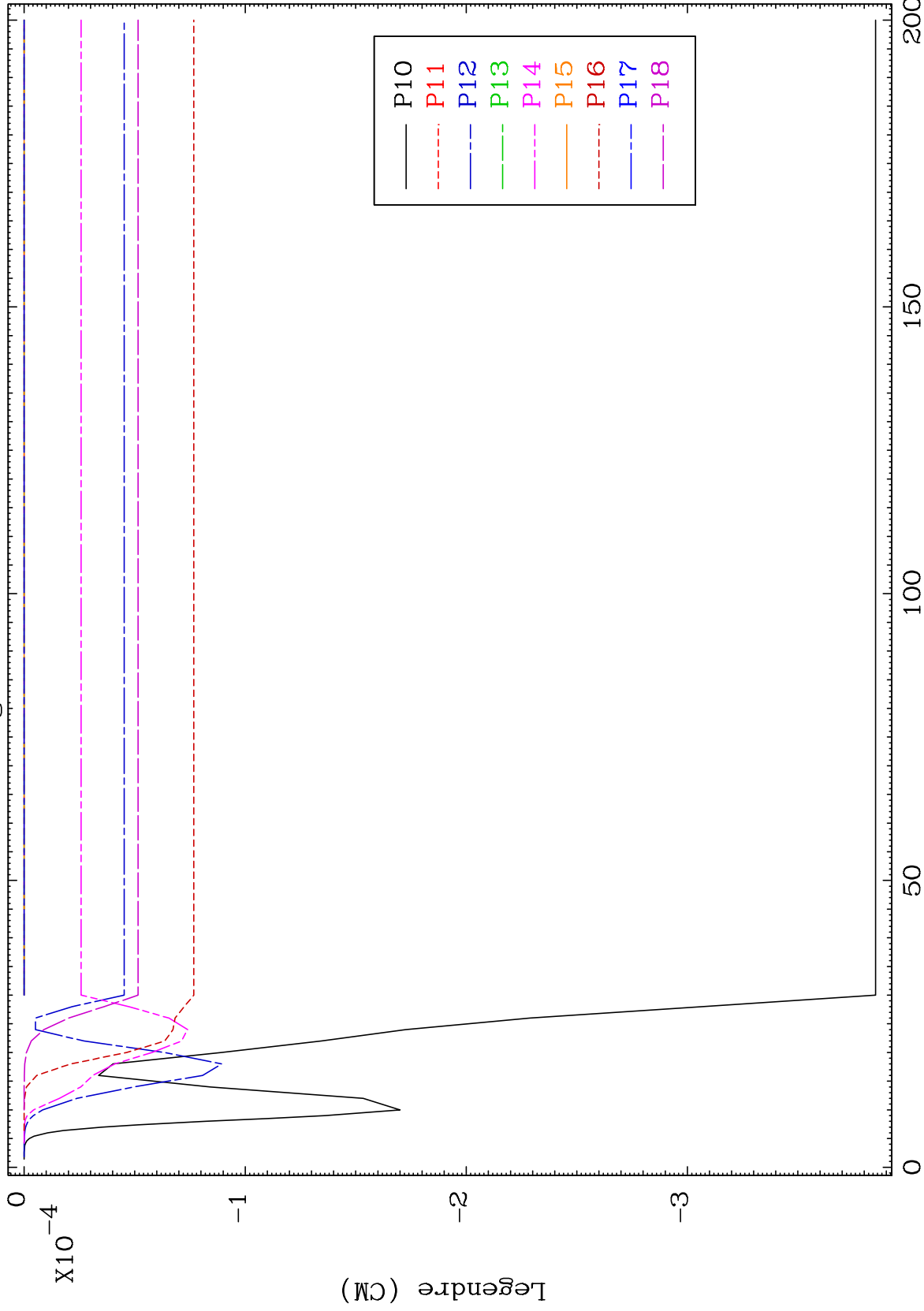
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



25

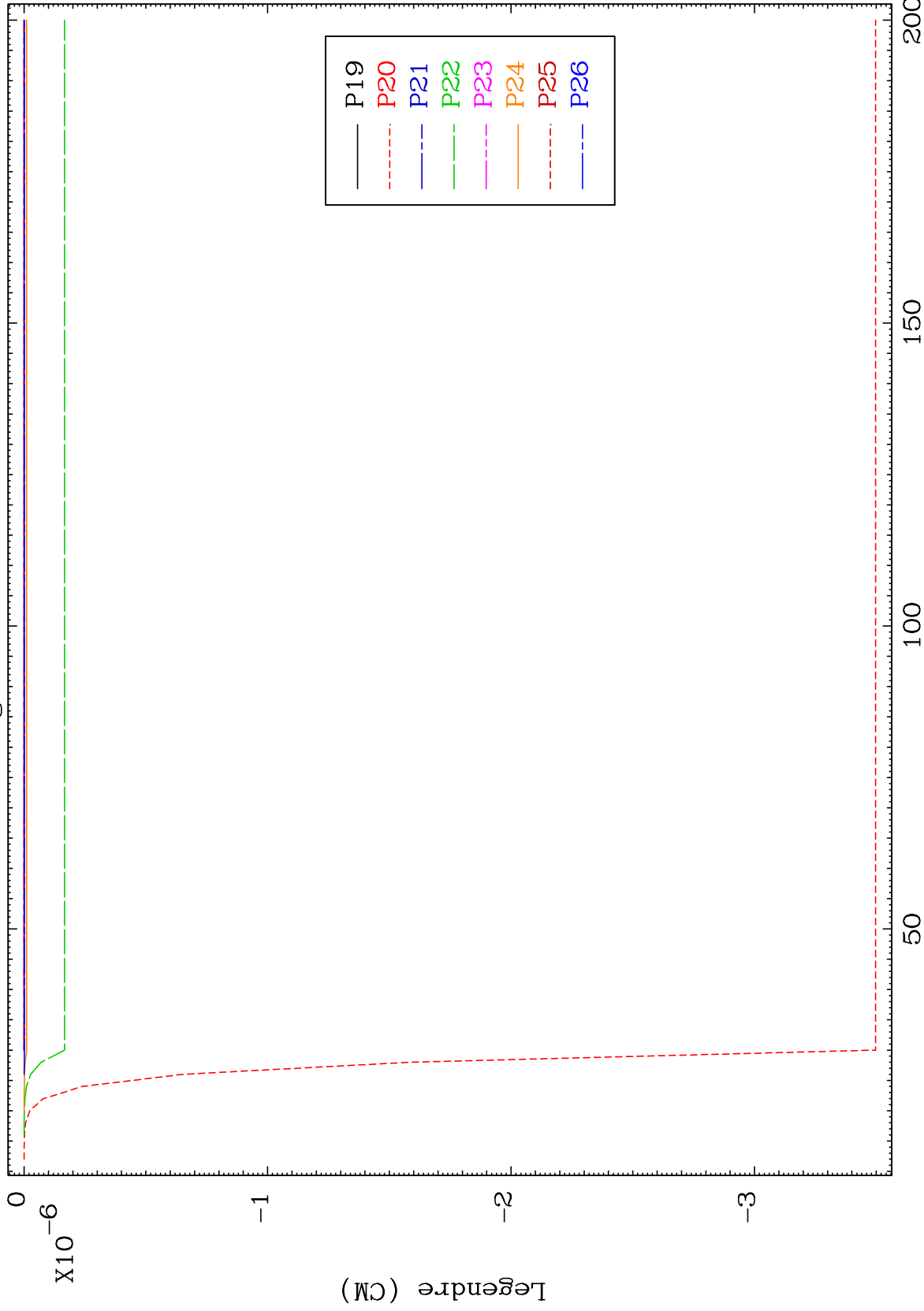
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



26

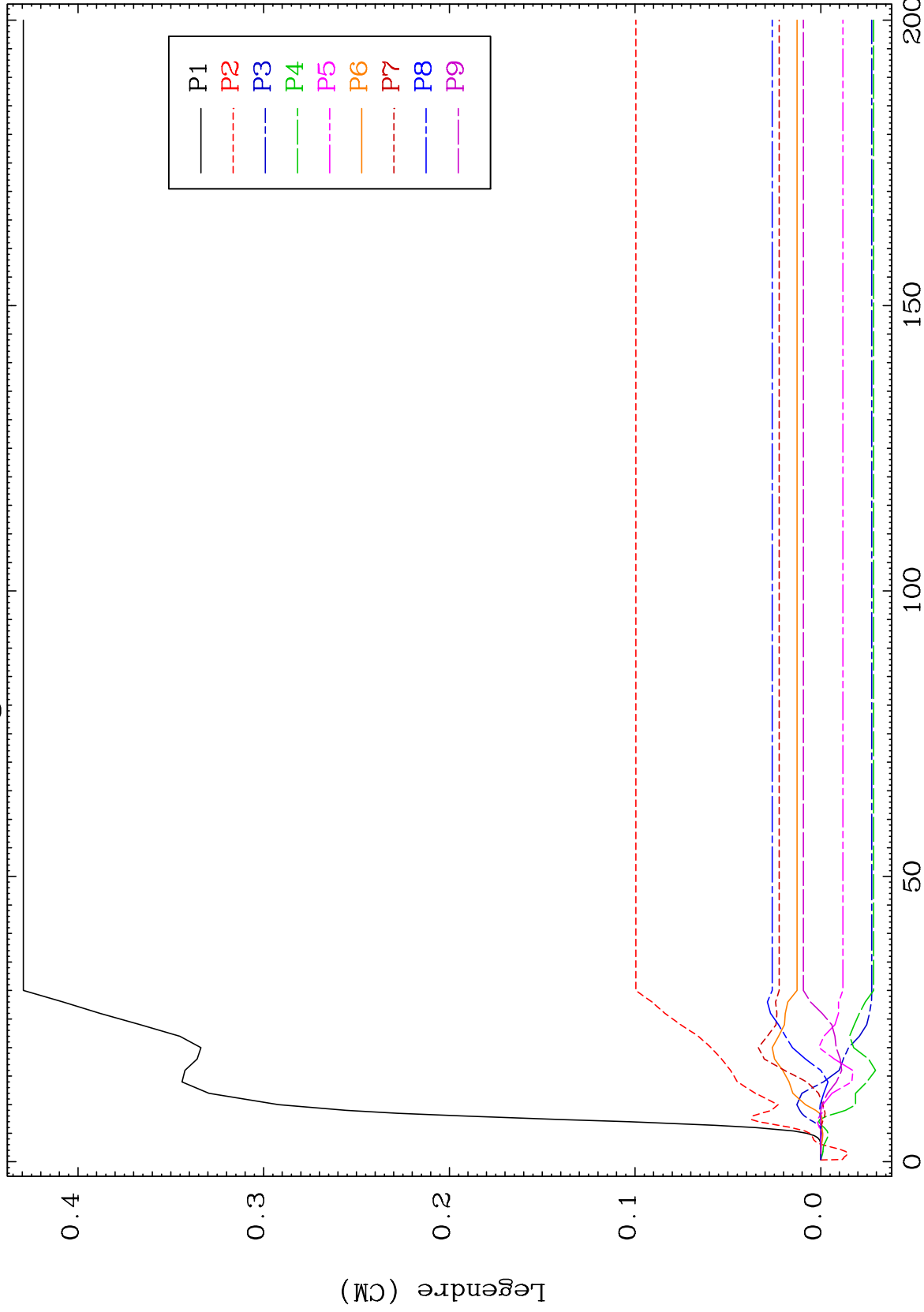
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



27

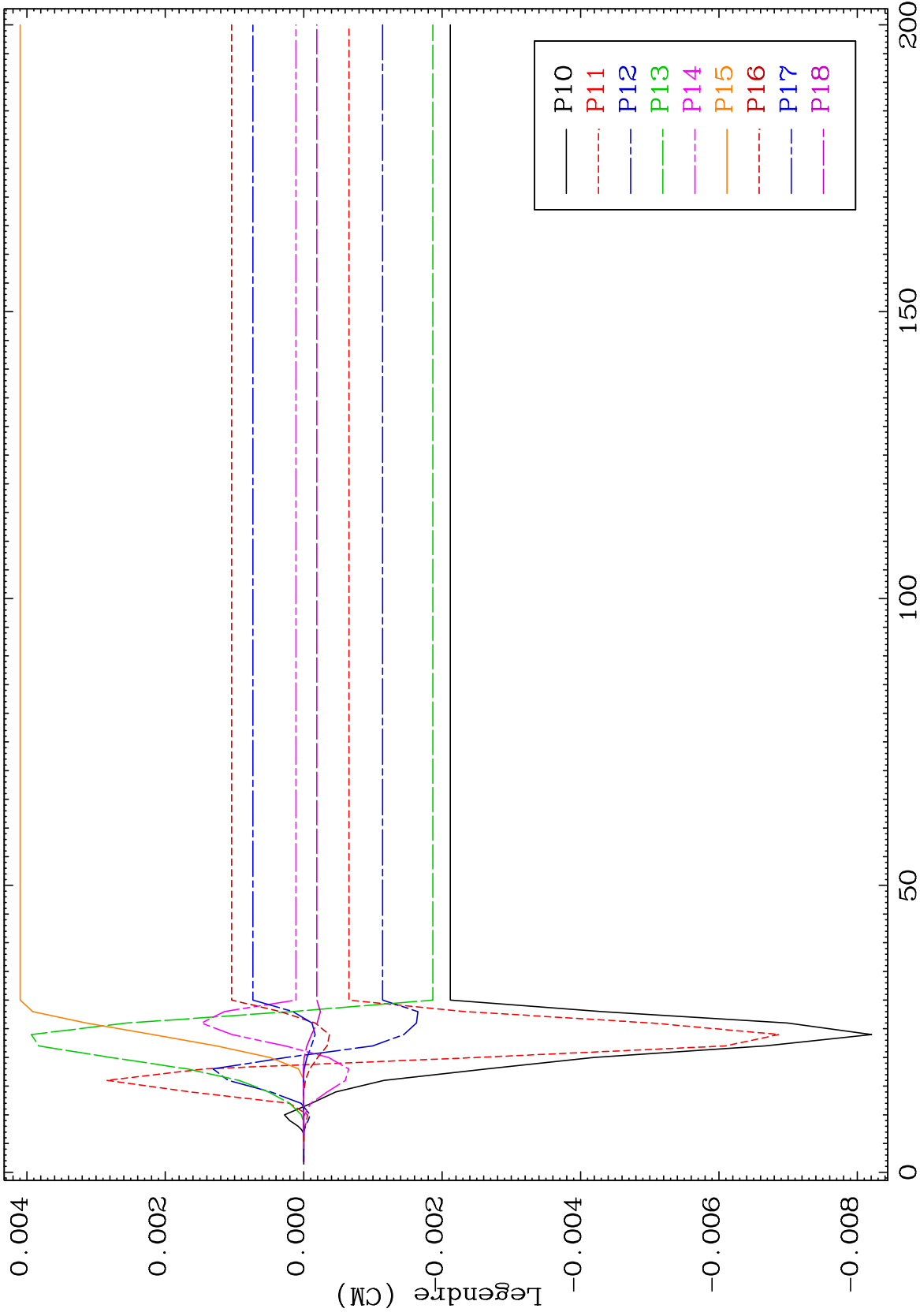
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



28

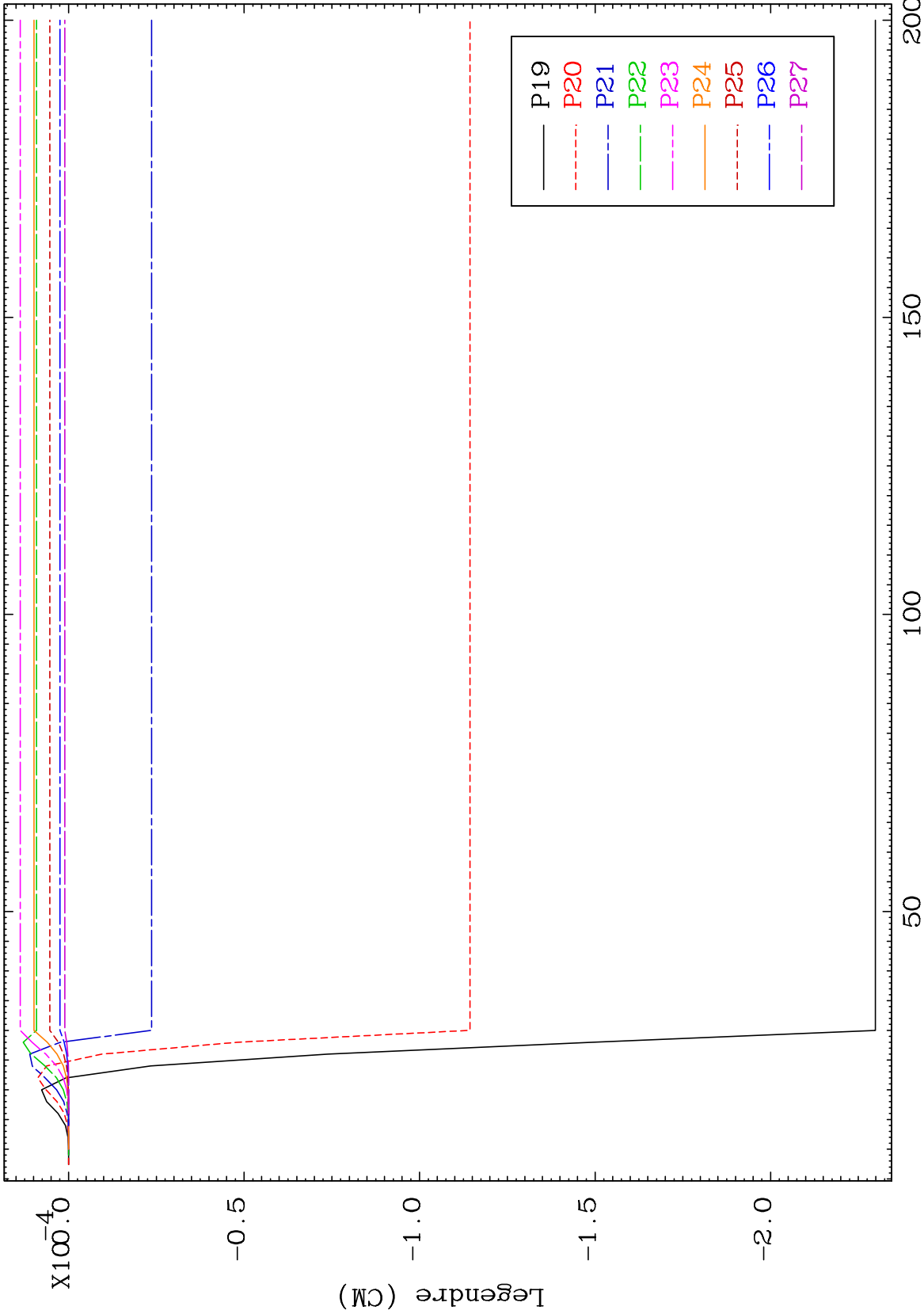
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



29

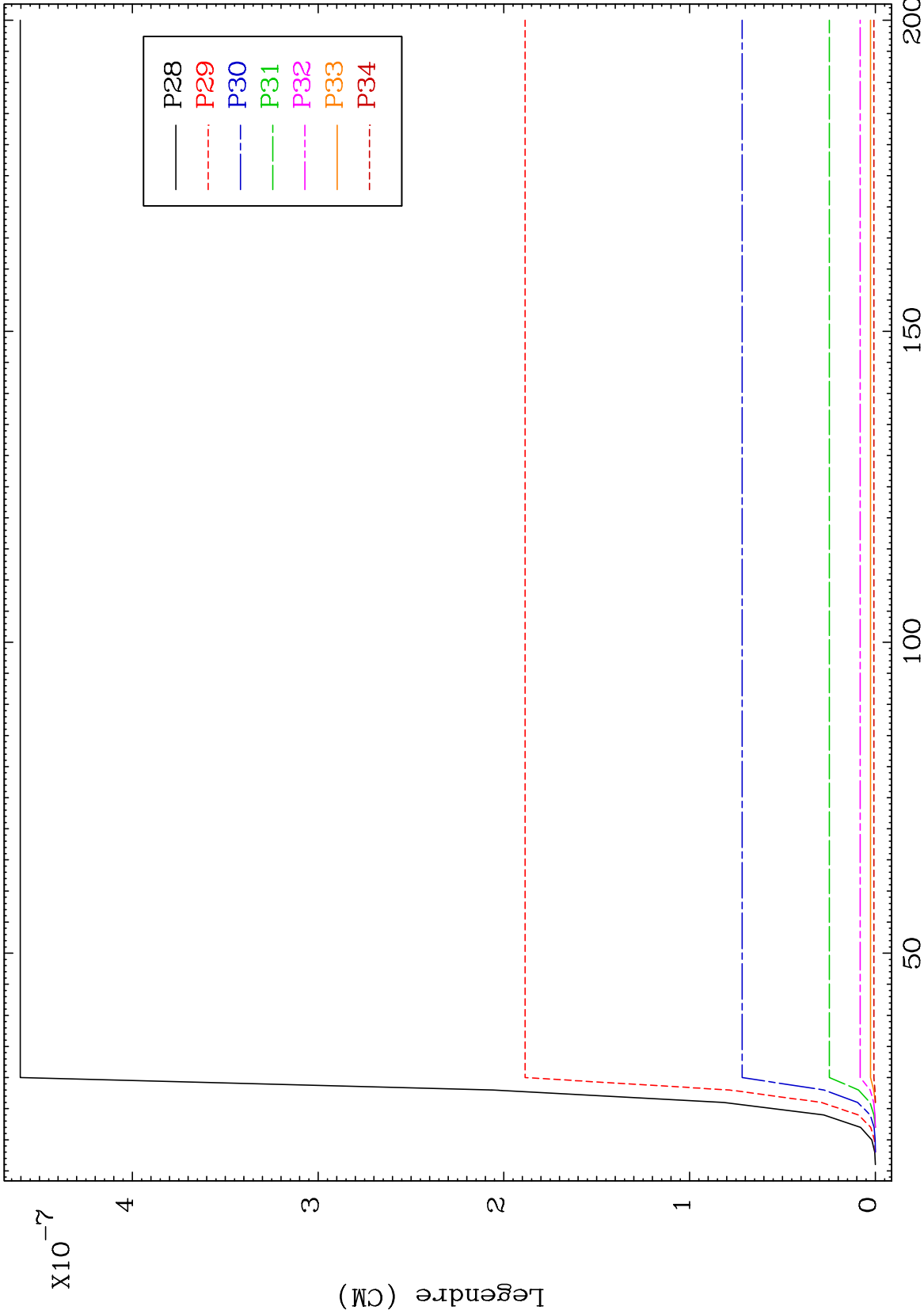
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



30

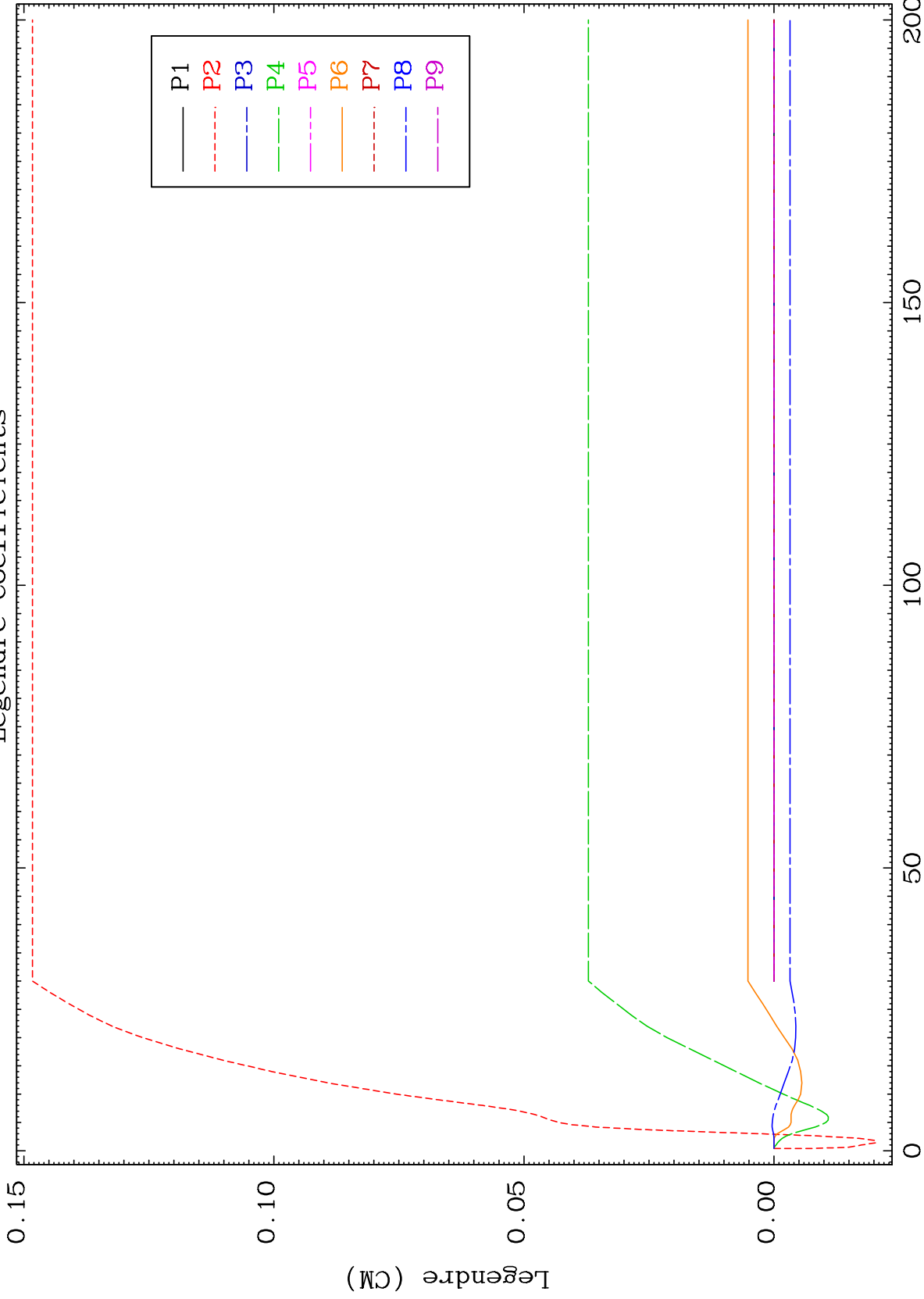
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



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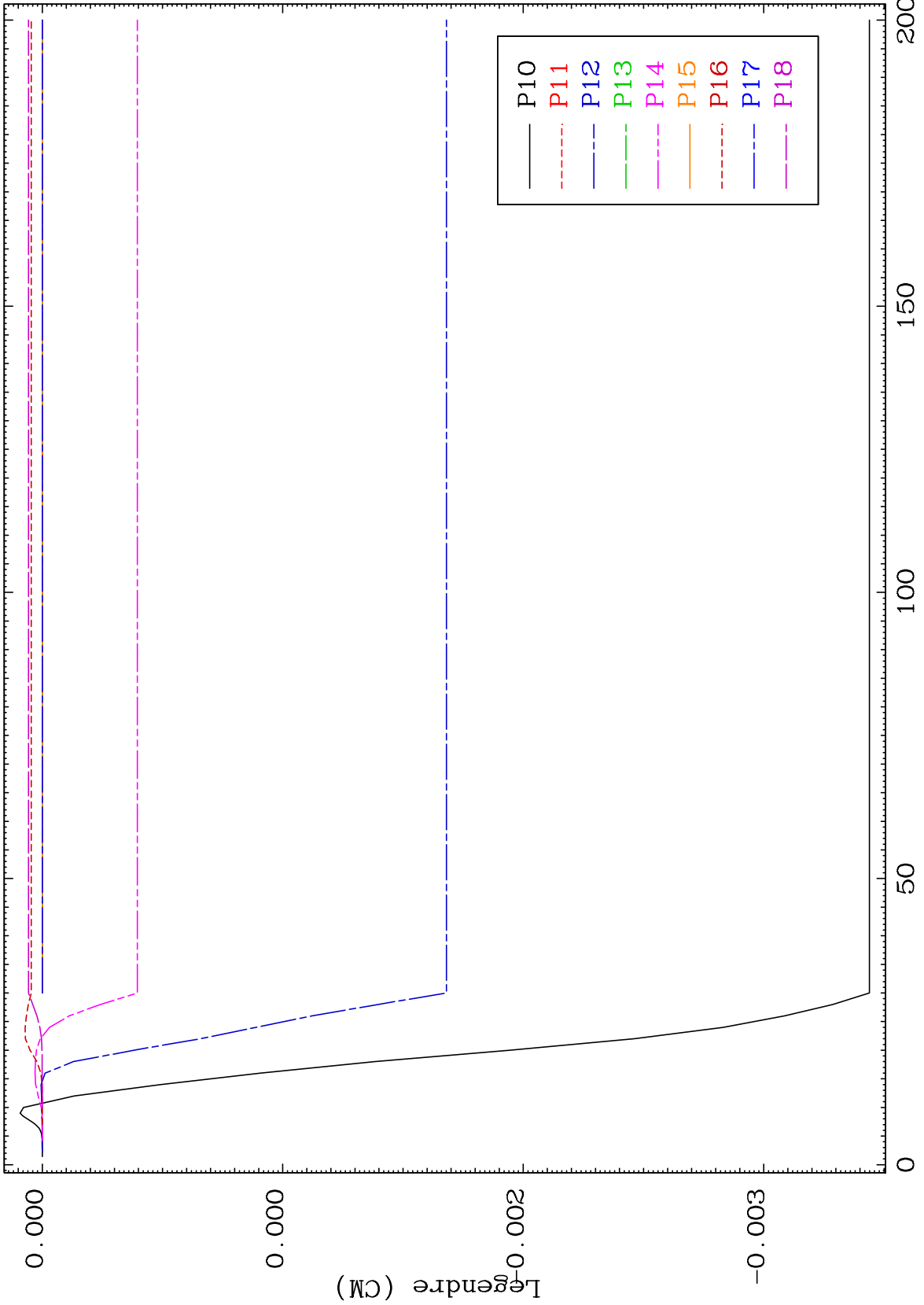
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



32

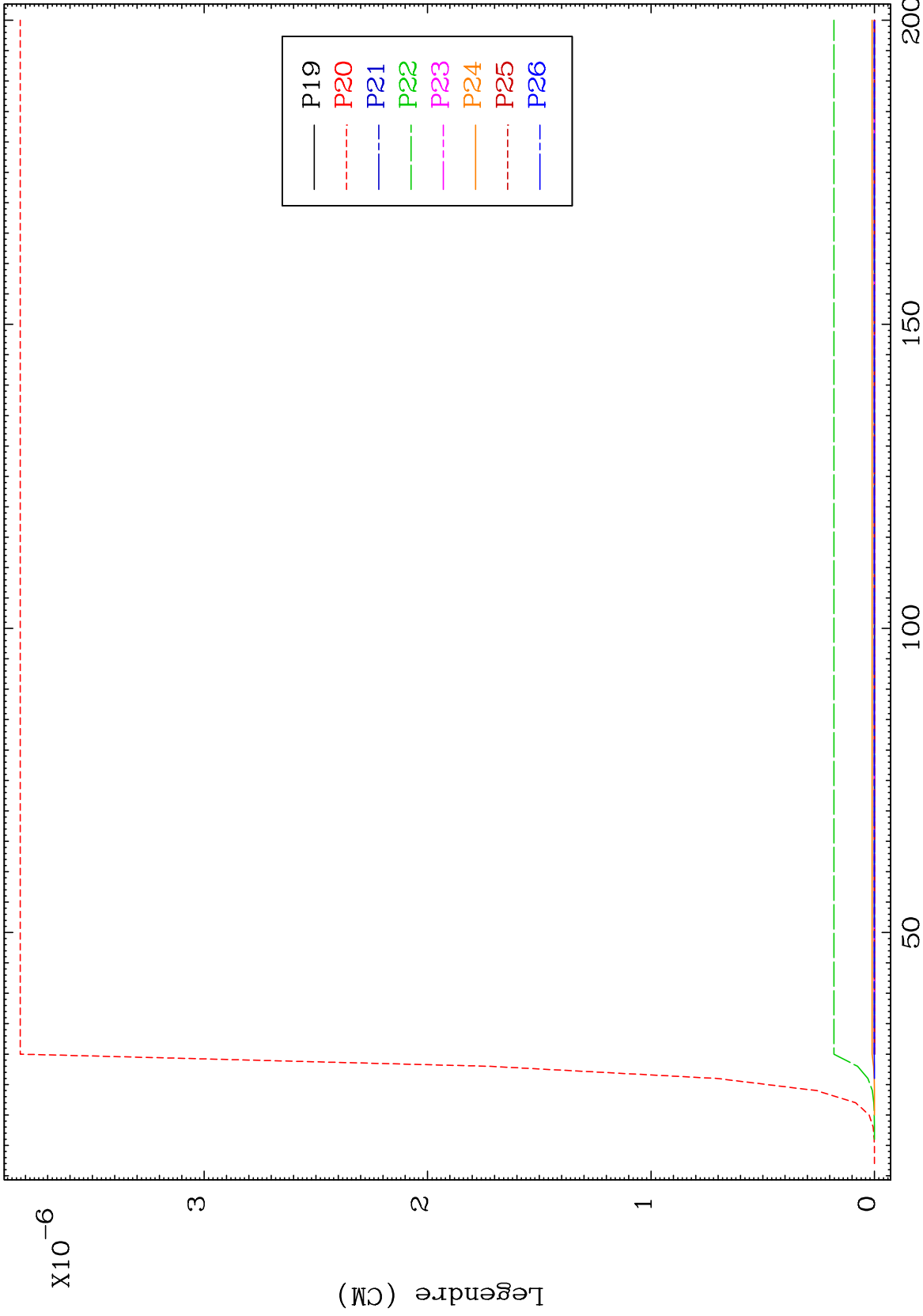
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



33

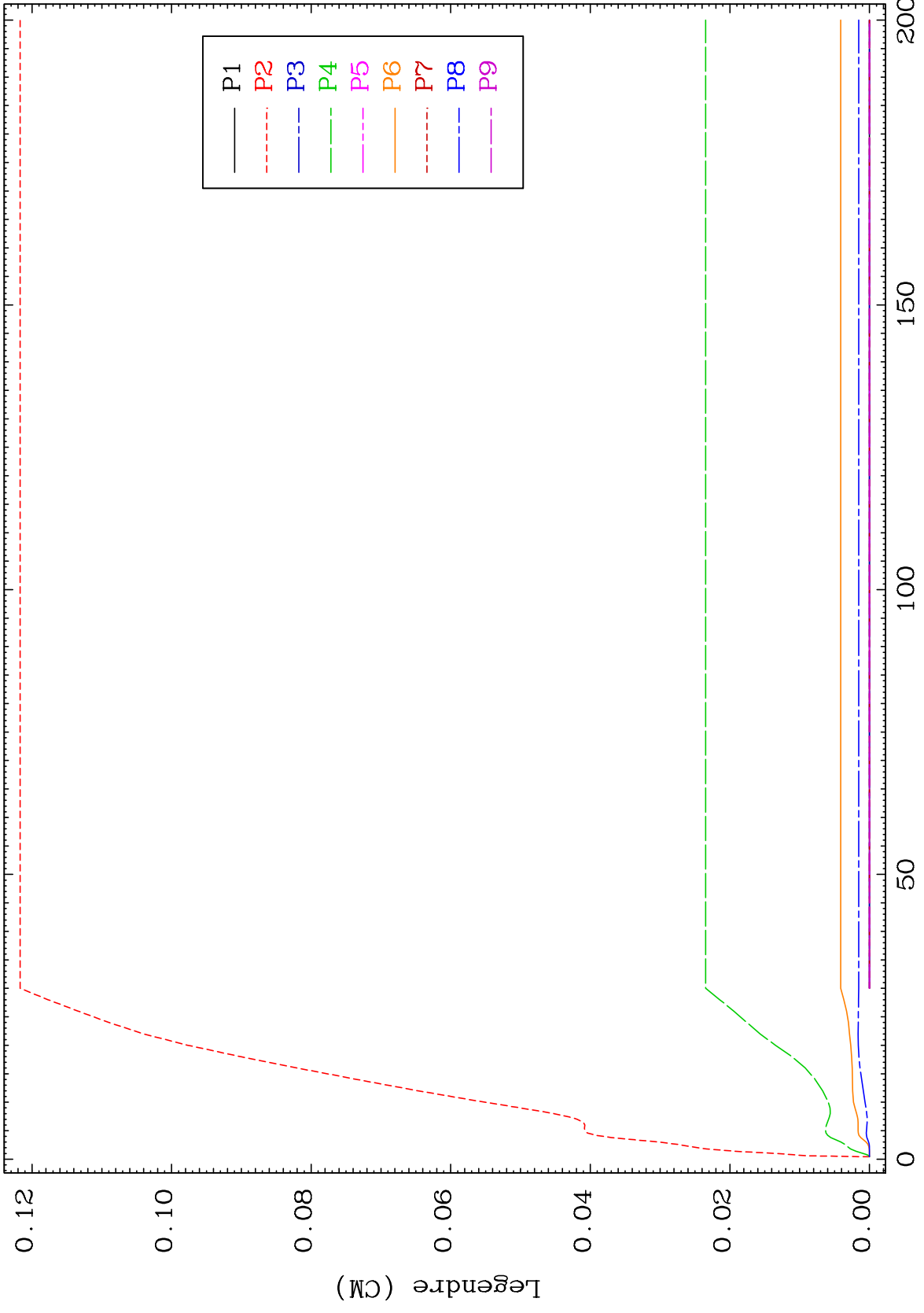
Incident Energy (MeV)

53-I -127

MAT 5325

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

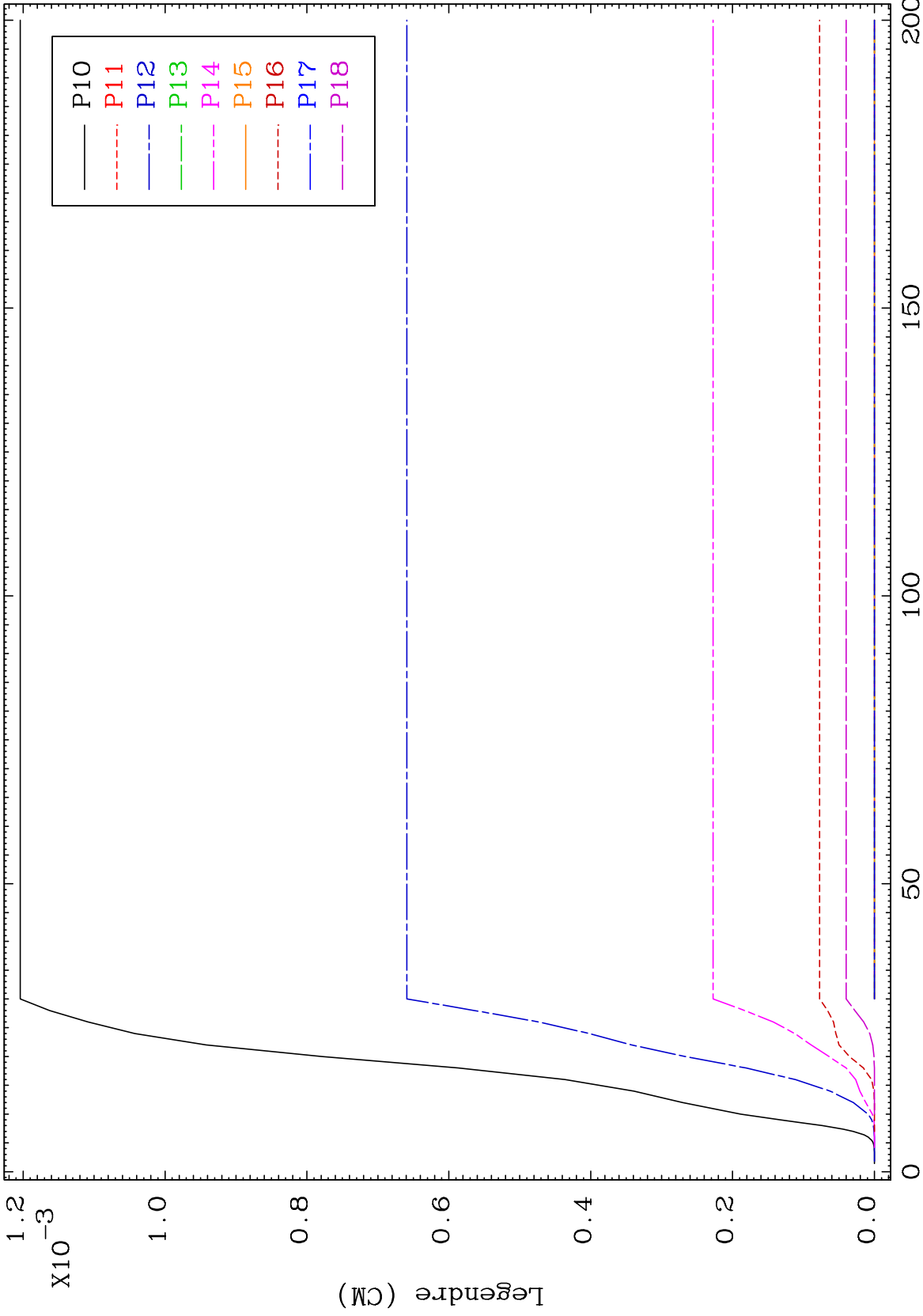
53-I -127



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Incident Energy (MeV)

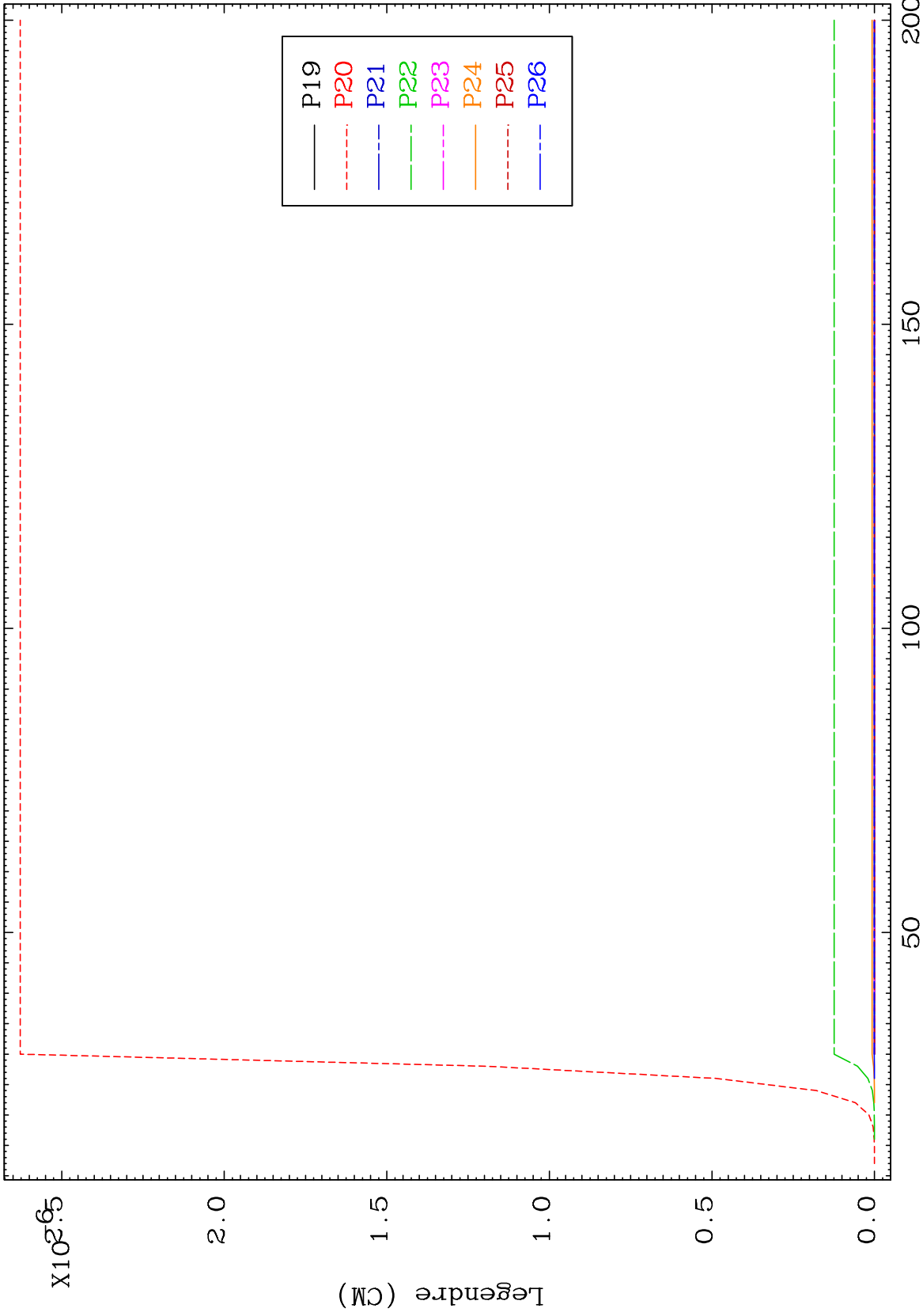
53-I -127



MAT 5325

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

53-I -127



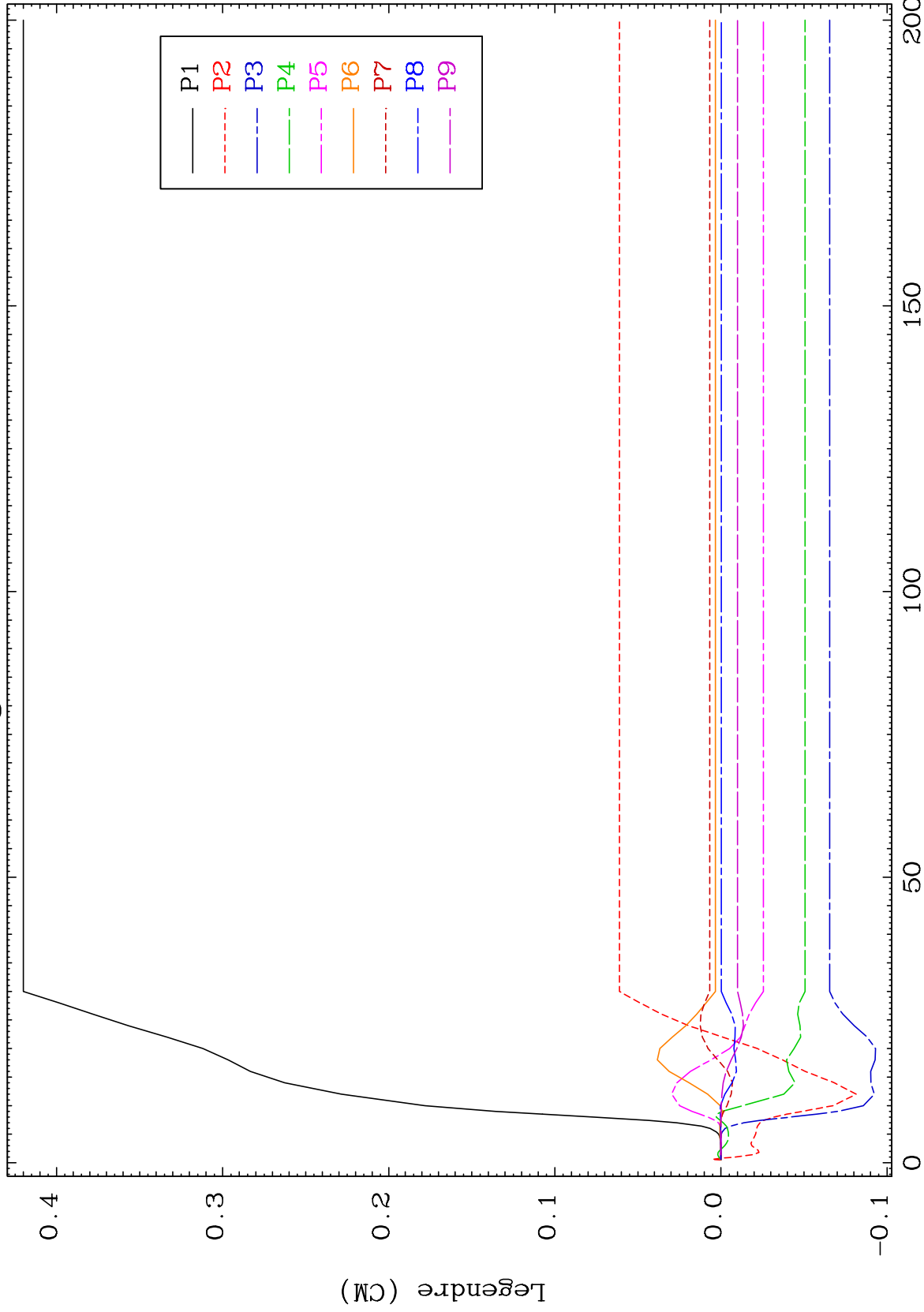
36

53-I -127

MAT 5325

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

53-I -127



37

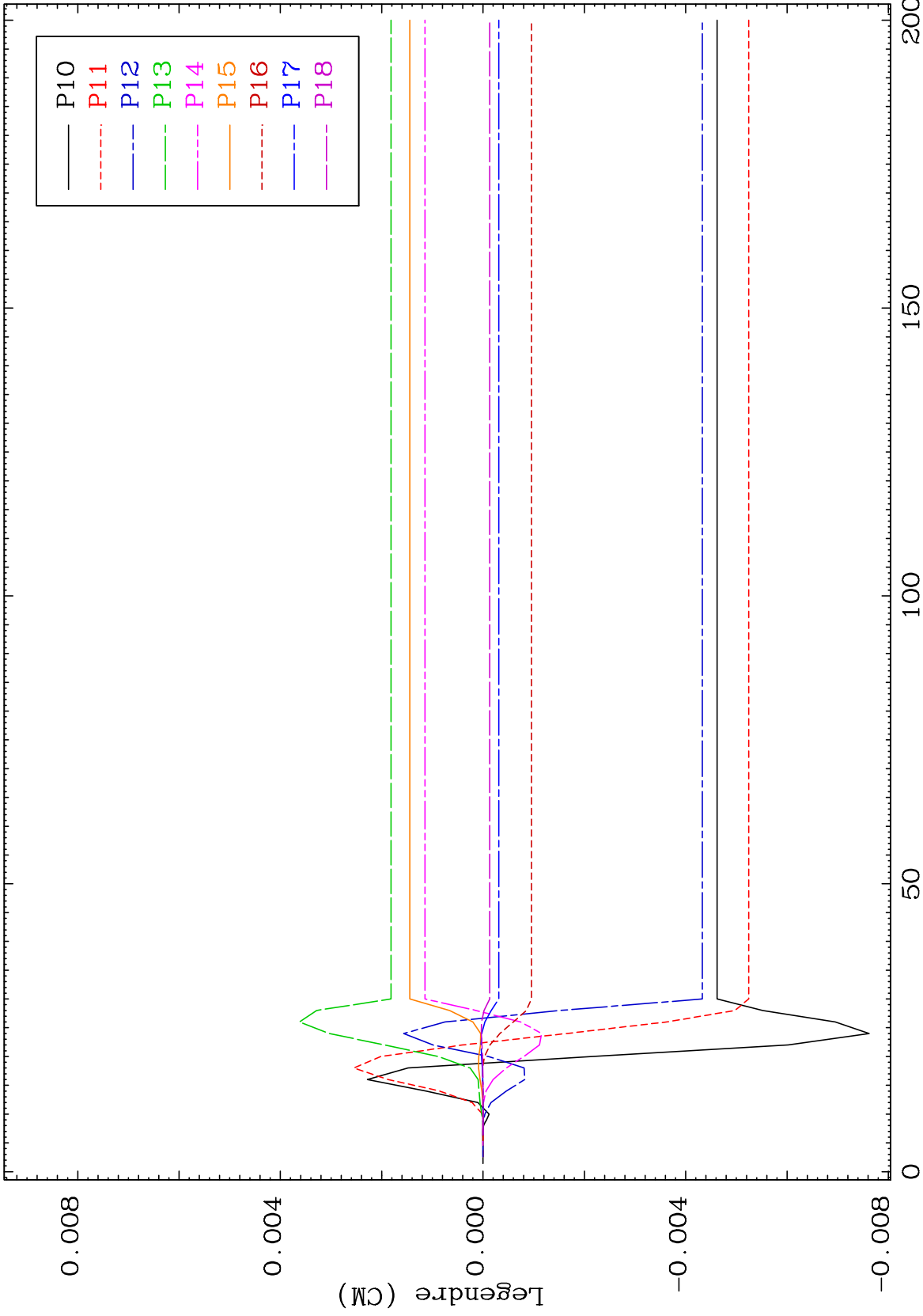
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



38

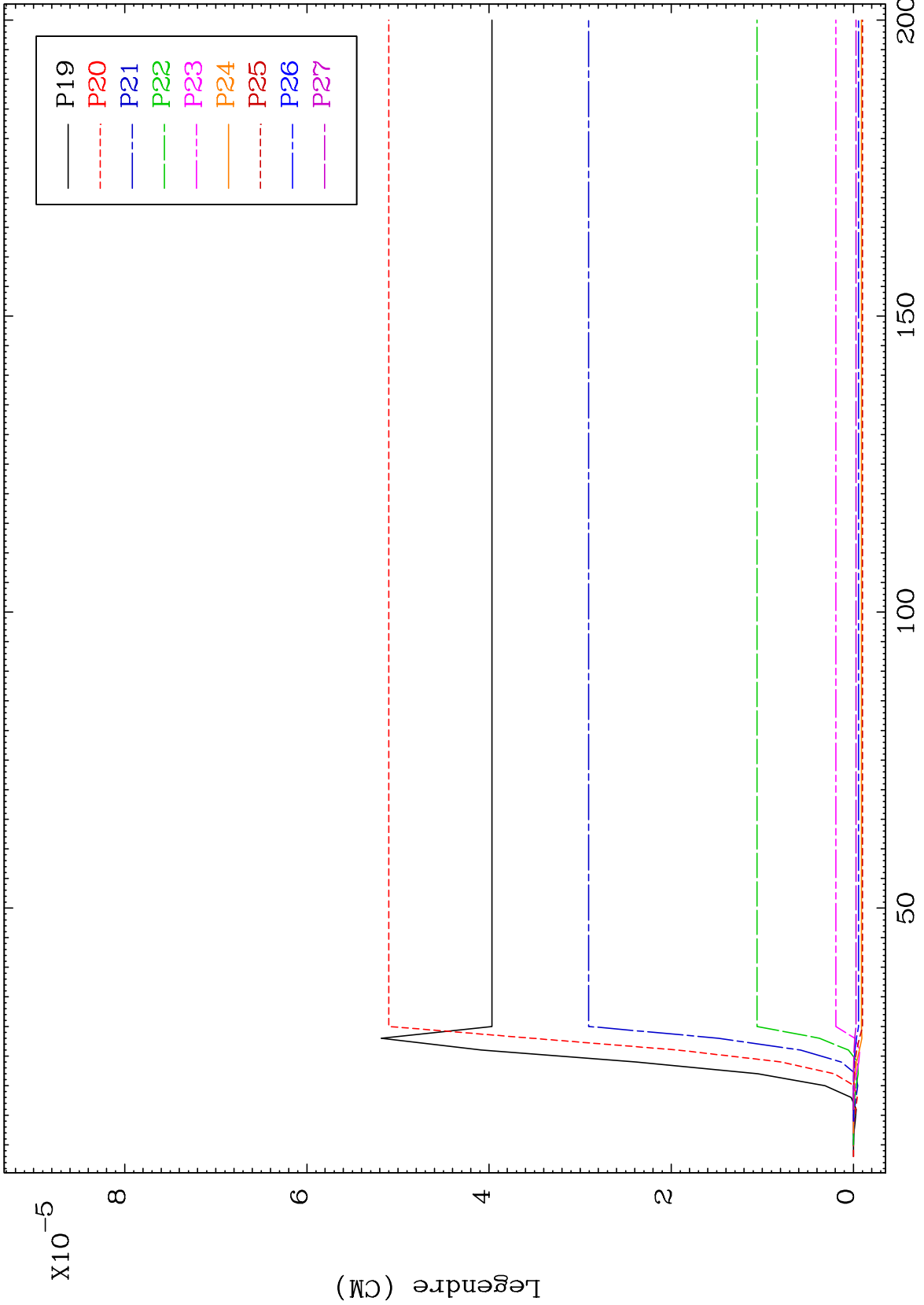
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



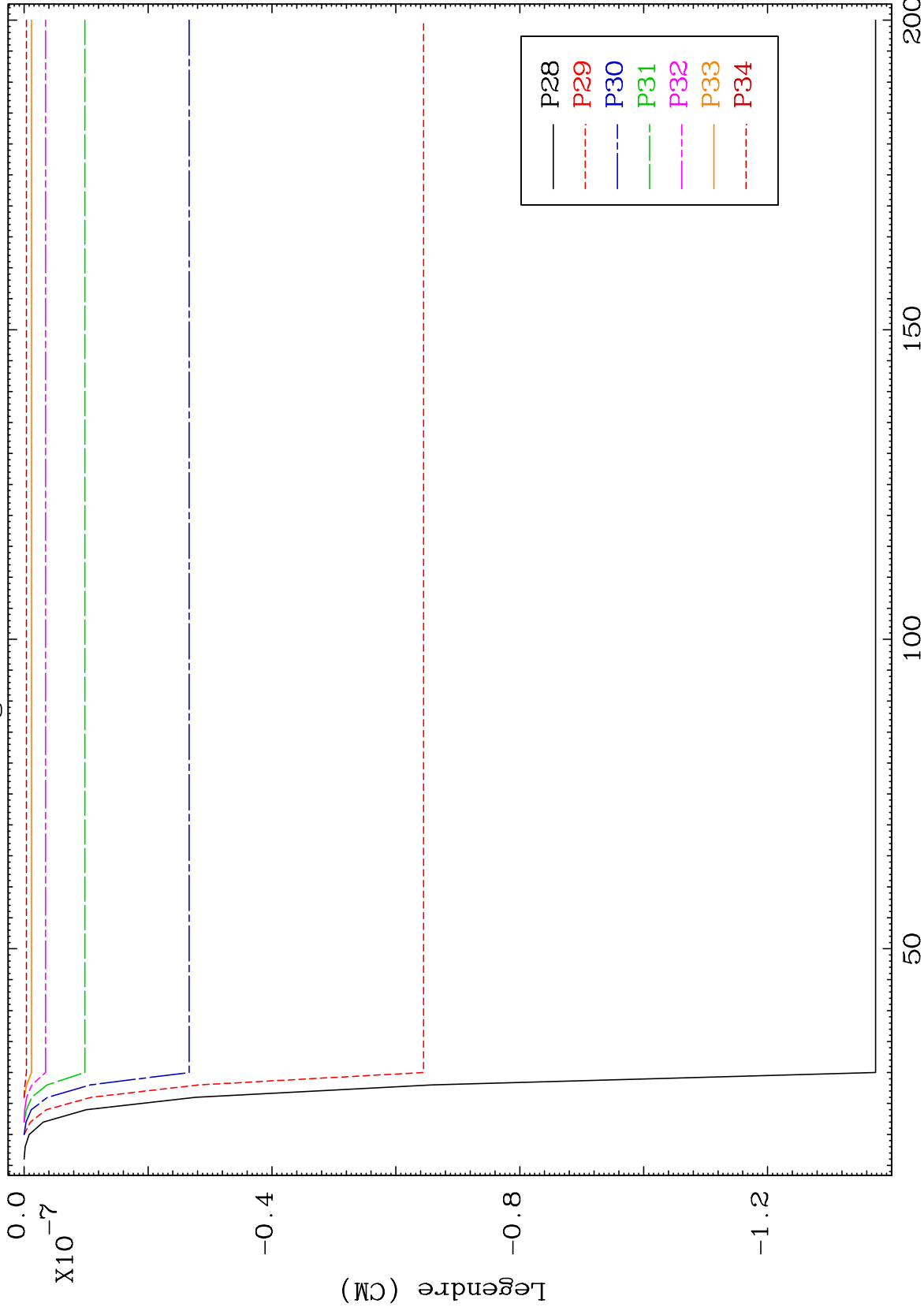
39

53-I -127

MAT 5325

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

53-I -127



53-I -127

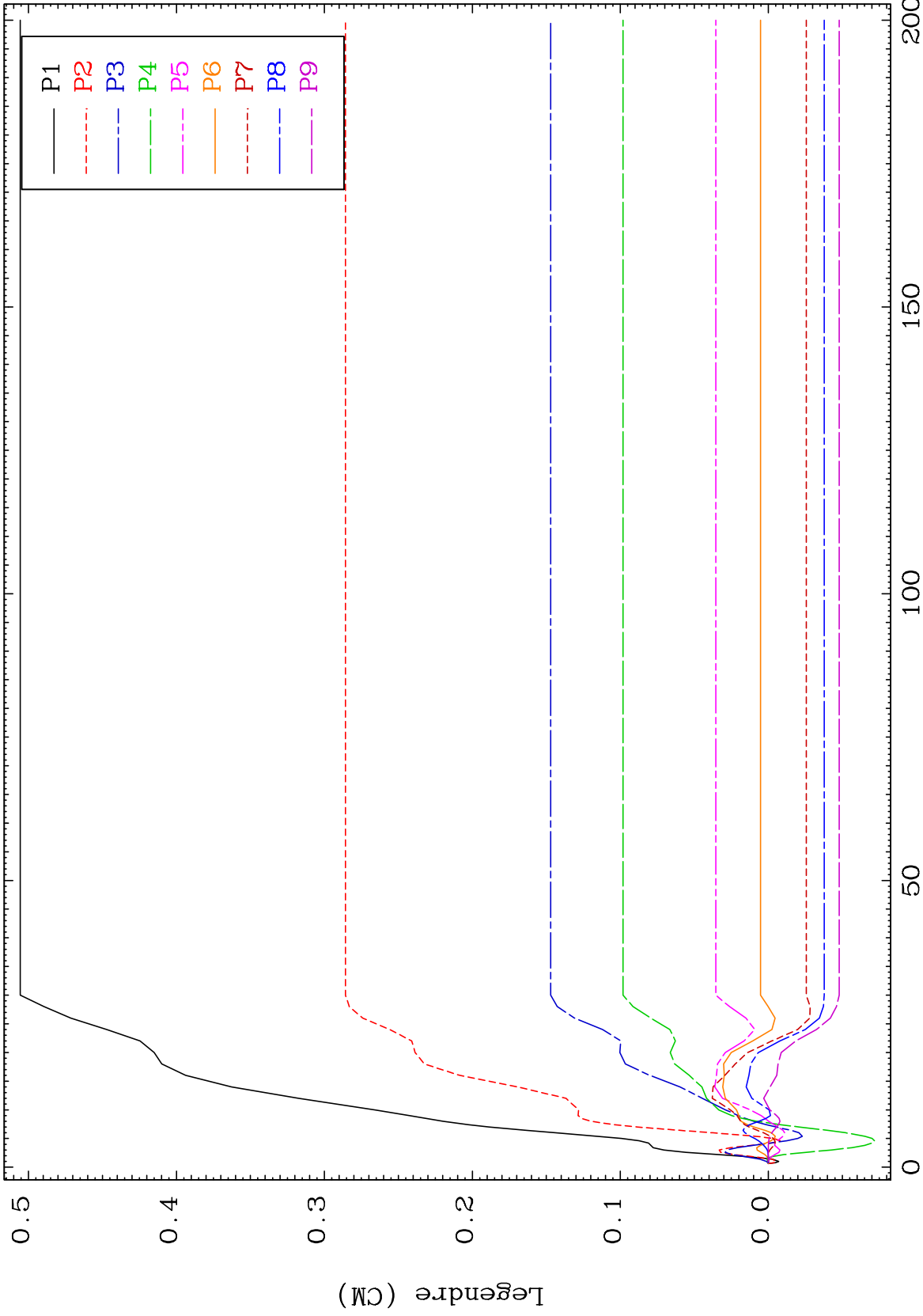
Incident Energy (MeV)

40

MAT 5325

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

53-I -127



41

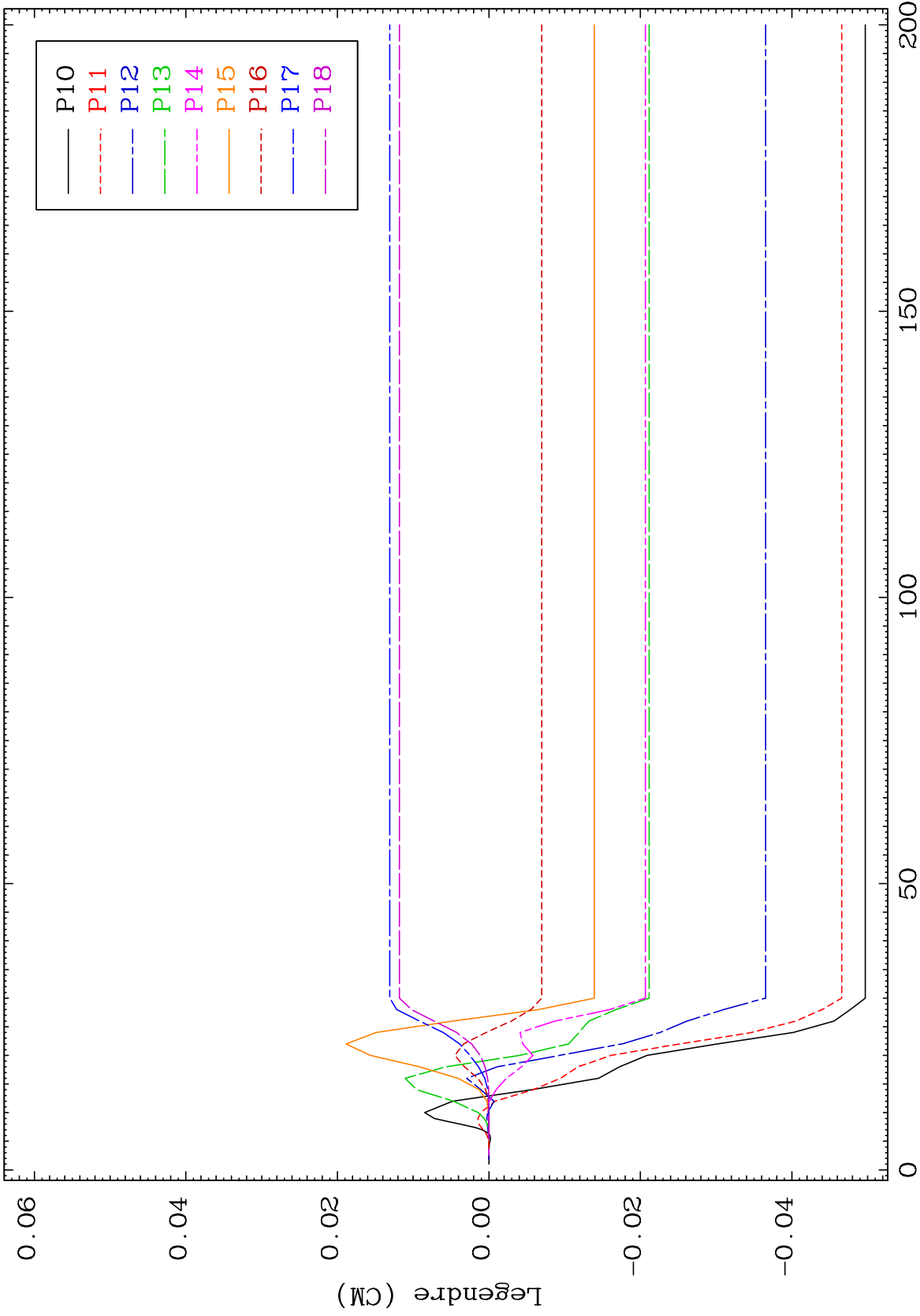
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



42

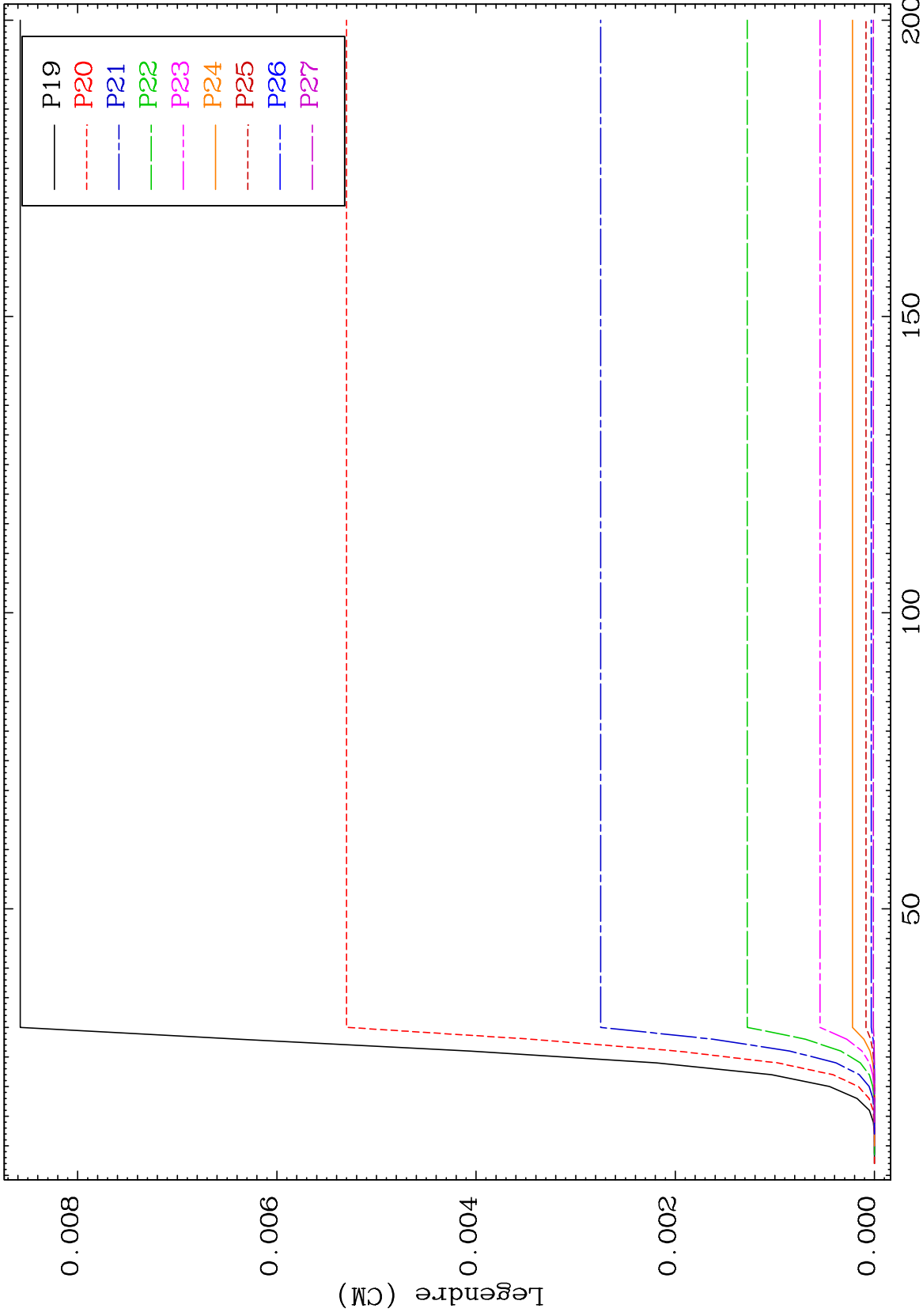
Incident Energy (MeV)

53-I -127

MAT 5325

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

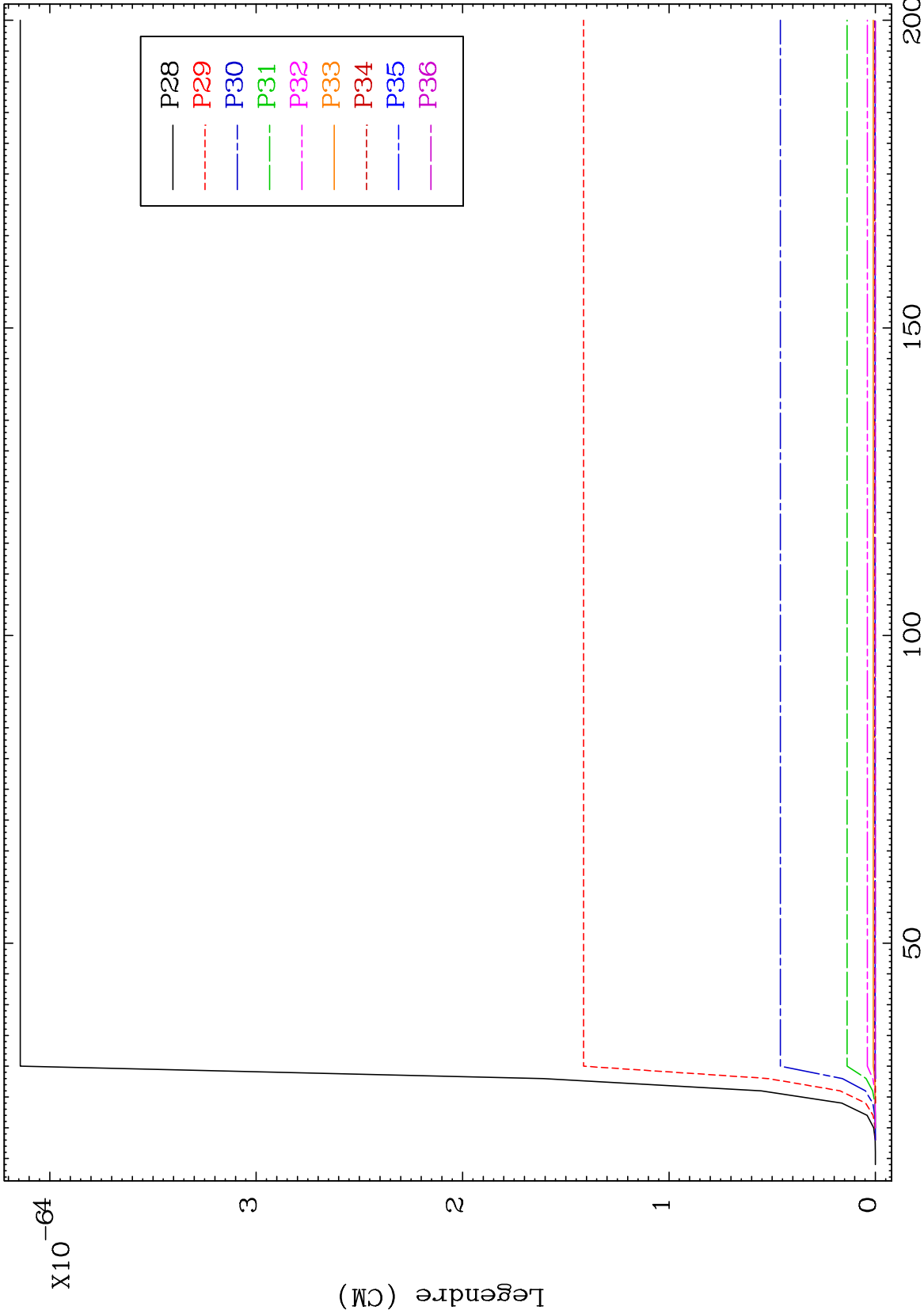
53-I -127



43

Incident Energy (MeV)

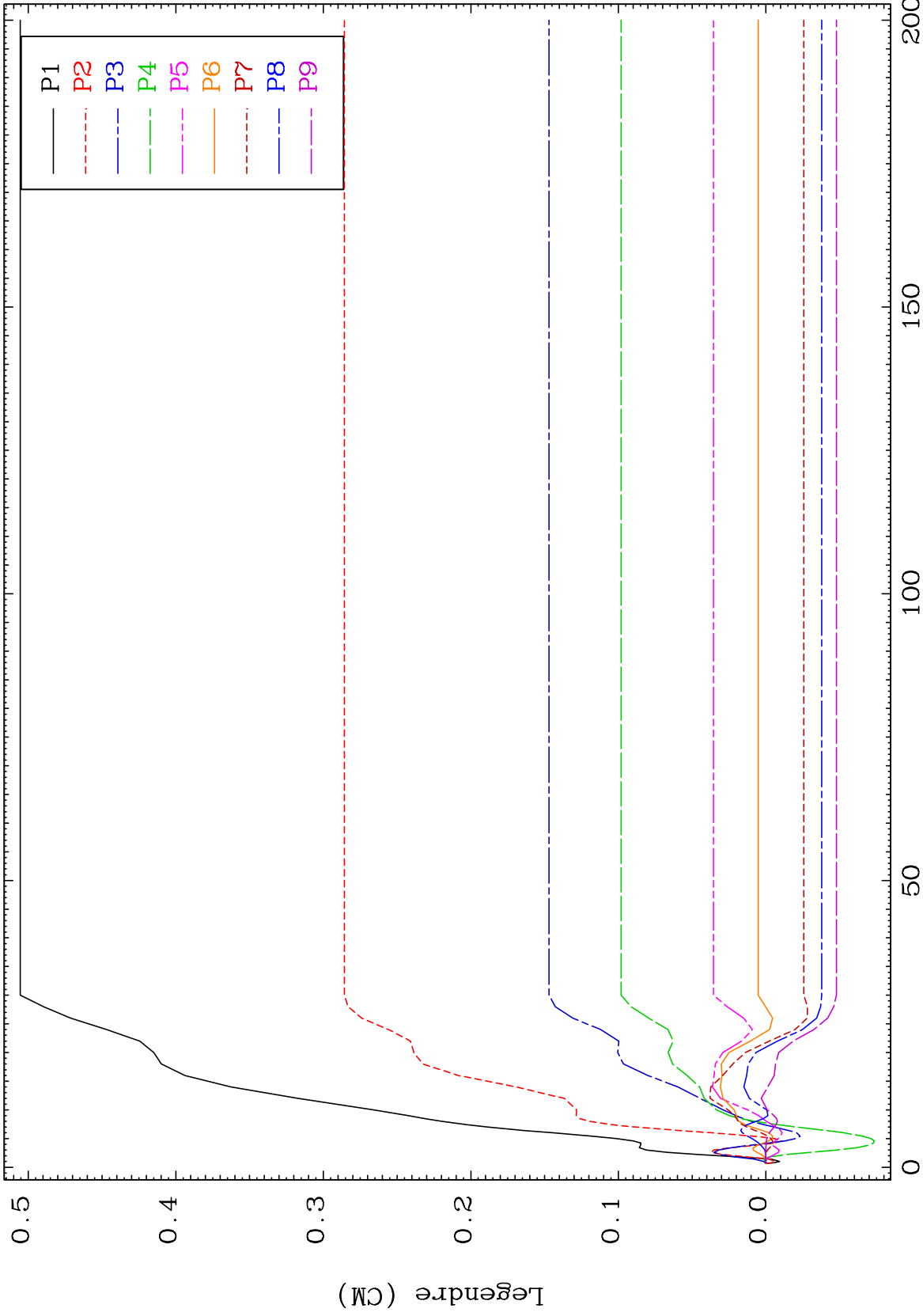
53-I -127



MAT 5325

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

53-I -127



45

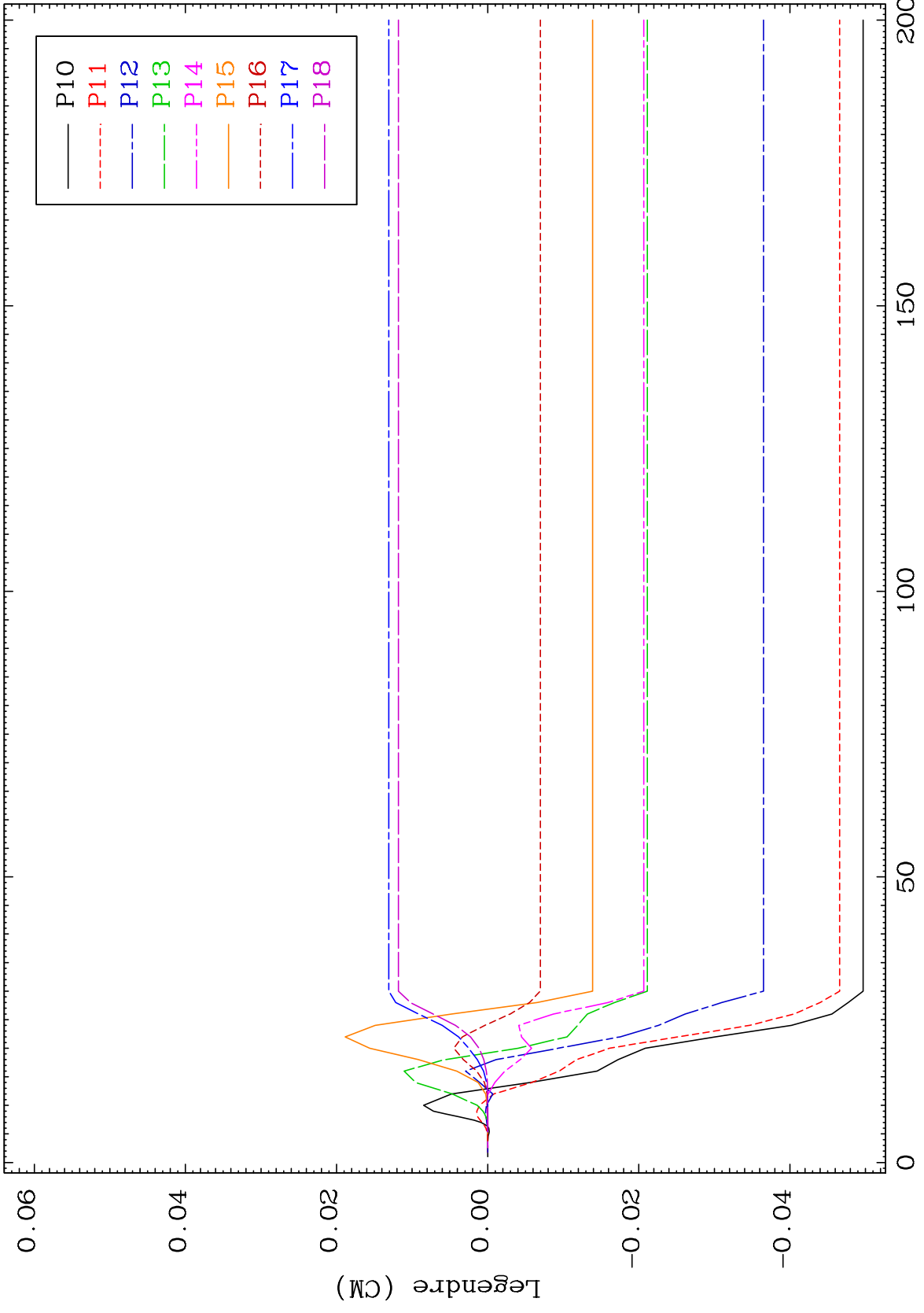
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



46

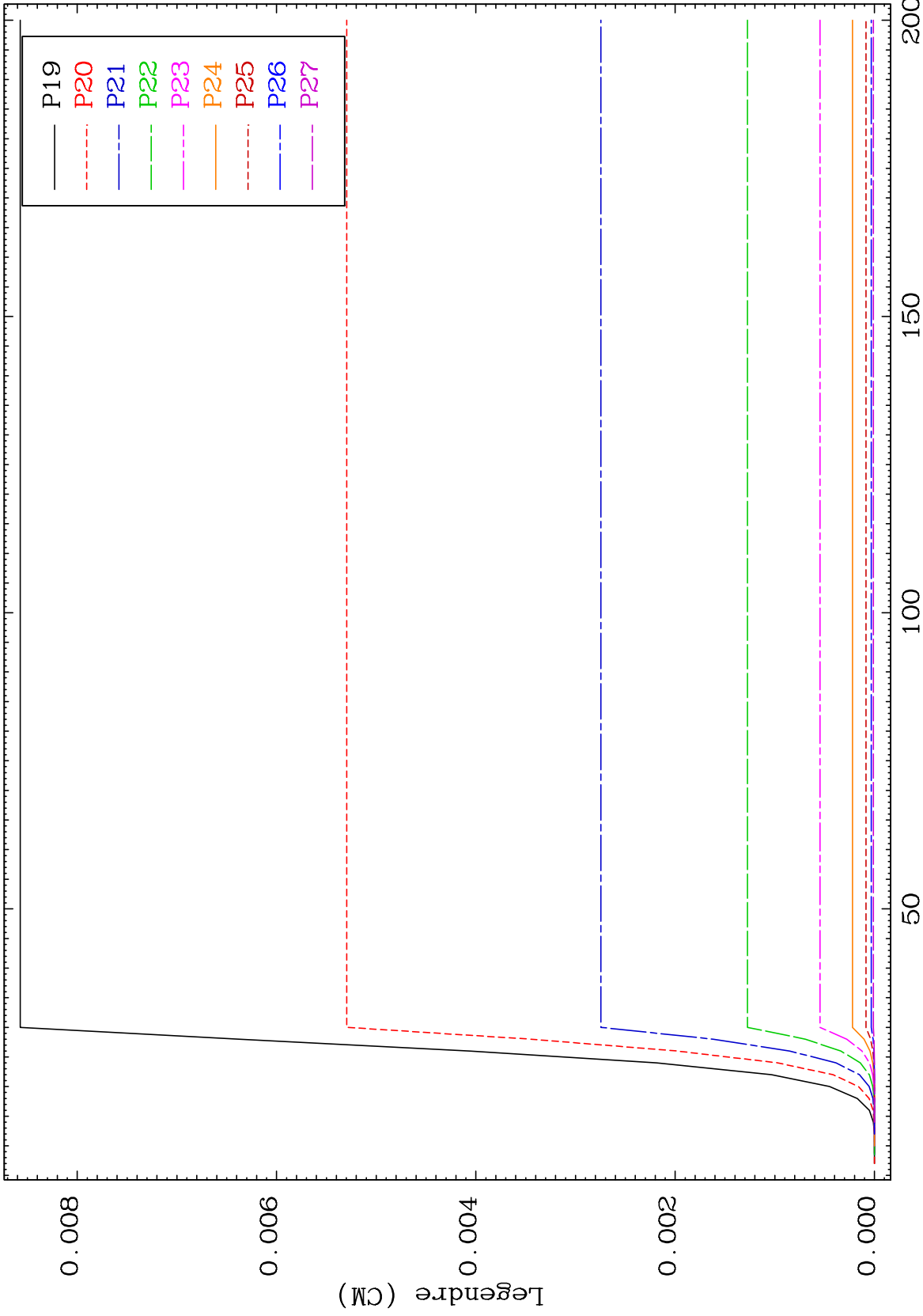
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



47

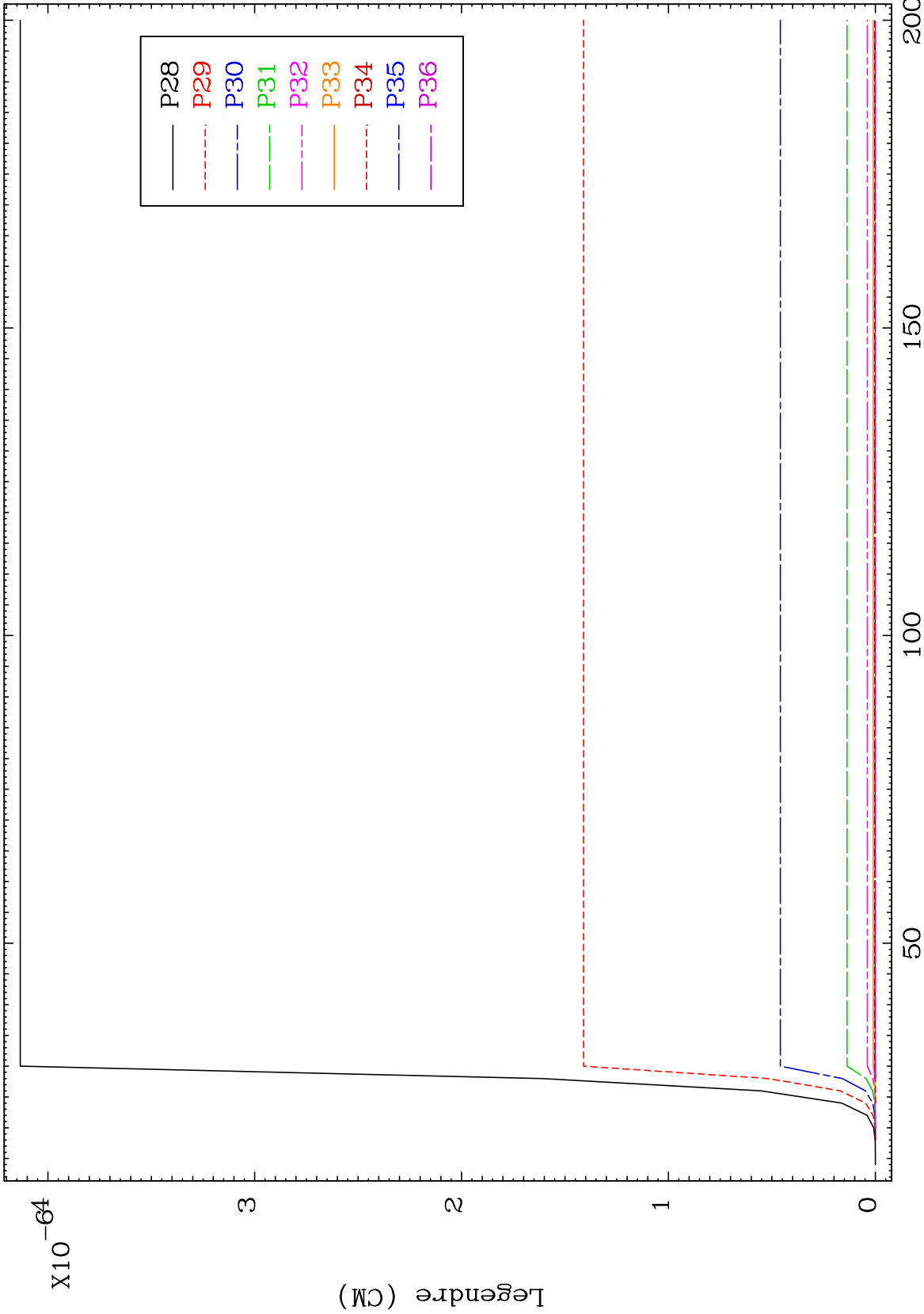
Incident Energy (MeV)

53-I -127

MAT 5325

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

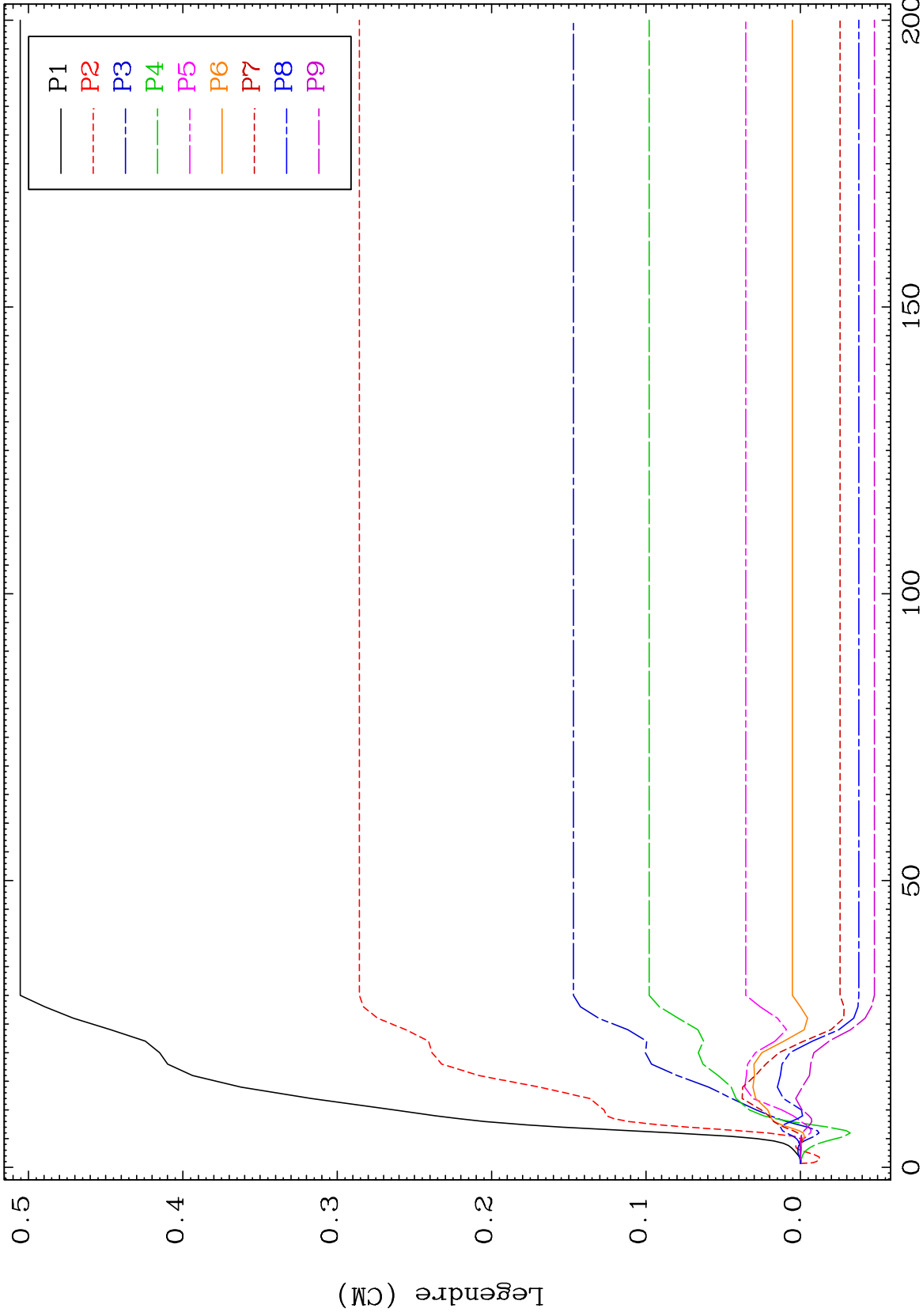
53-I -127



48

Incident Energy (MeV)

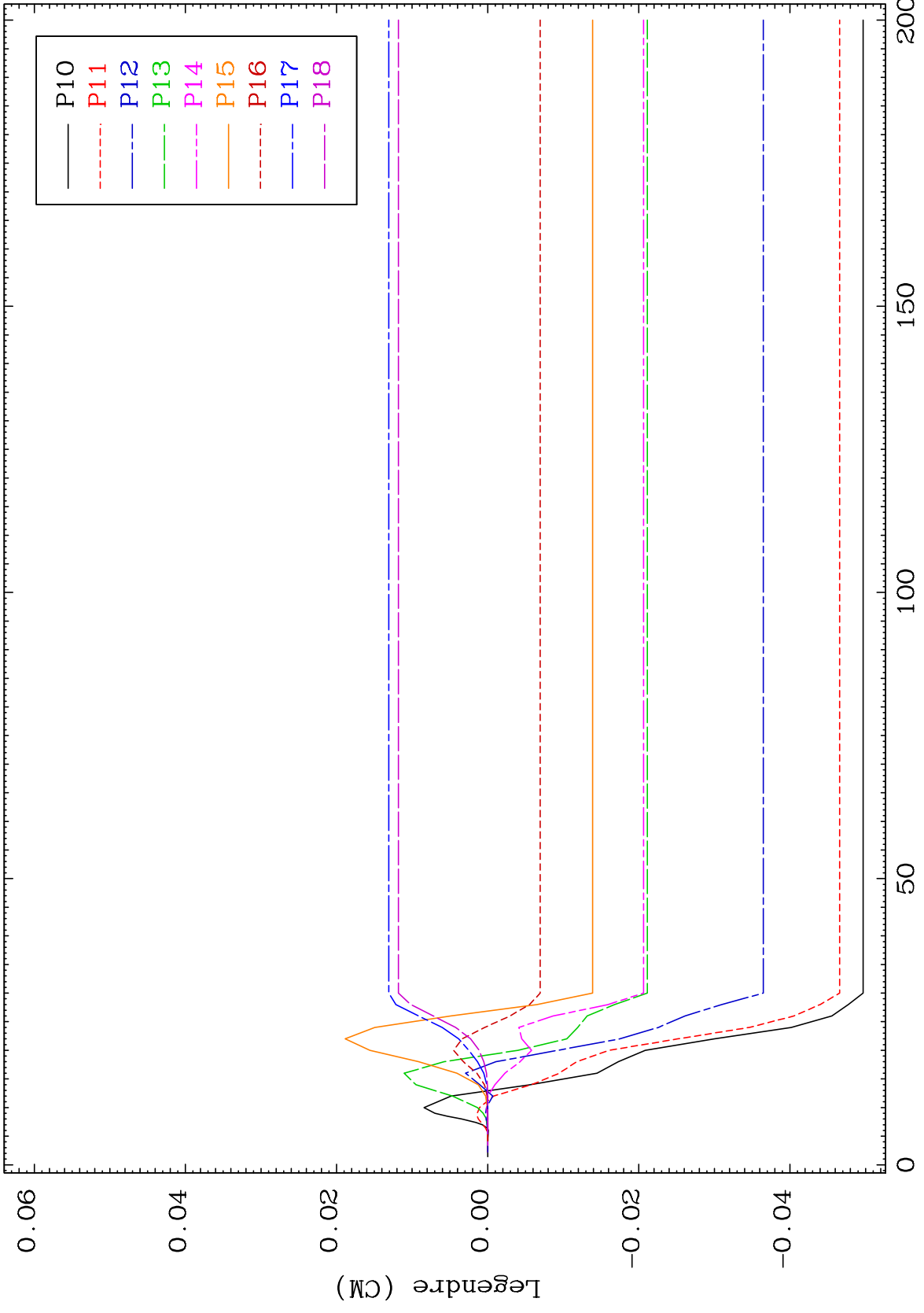
53-I -127



MAT 5325

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

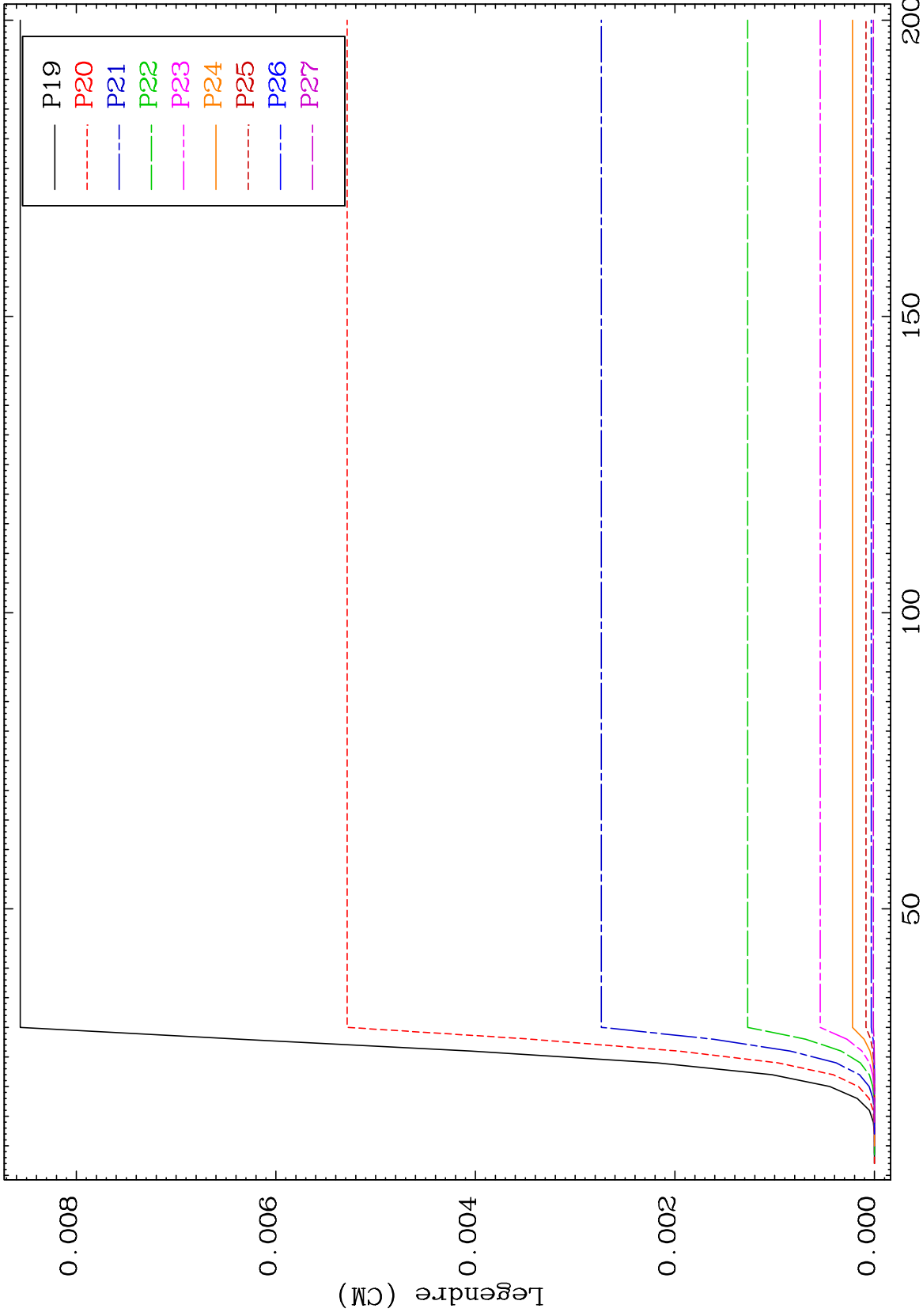
53-I -127



50

Incident Energy (MeV)

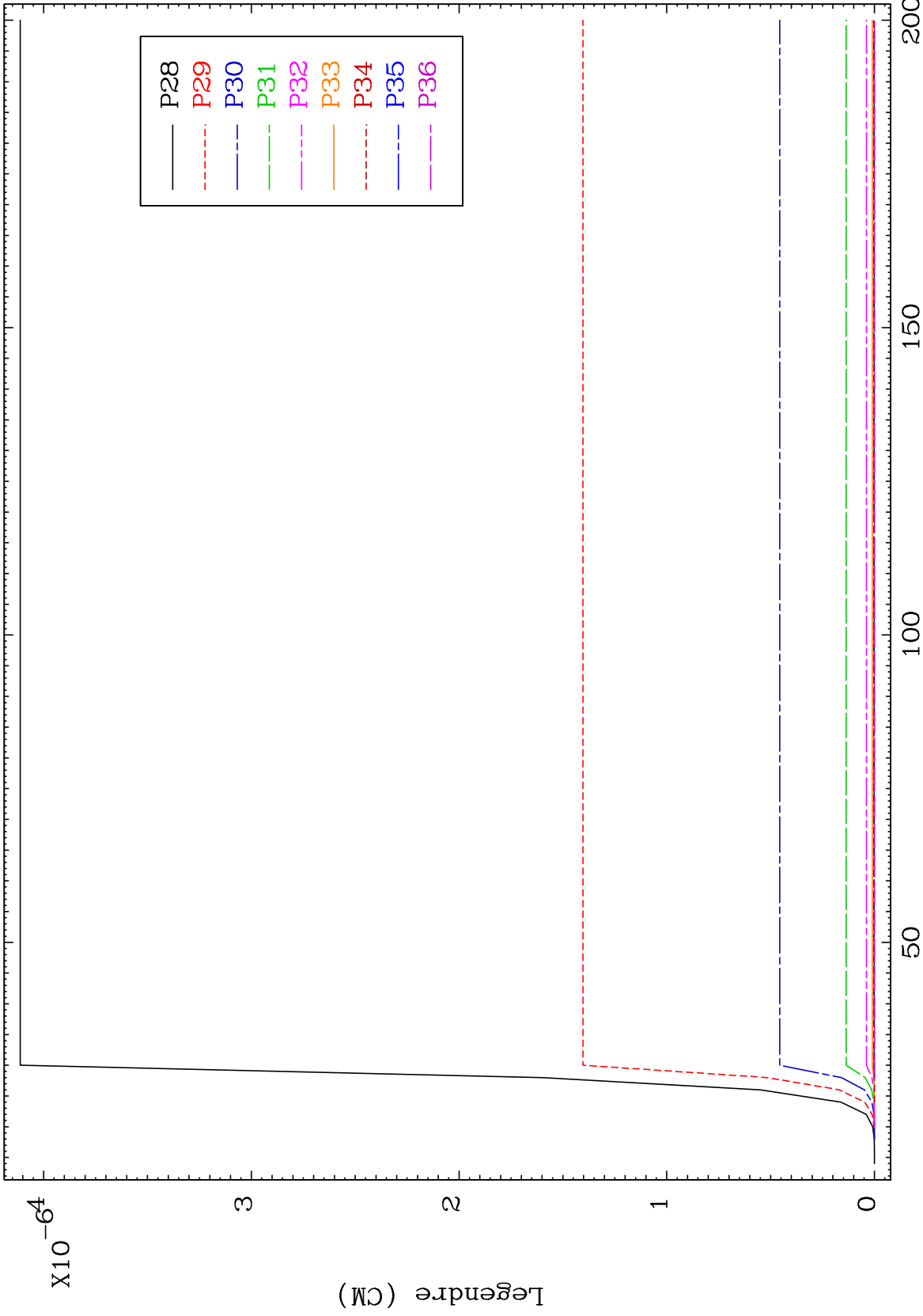
53-I -127



MAT 5325

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

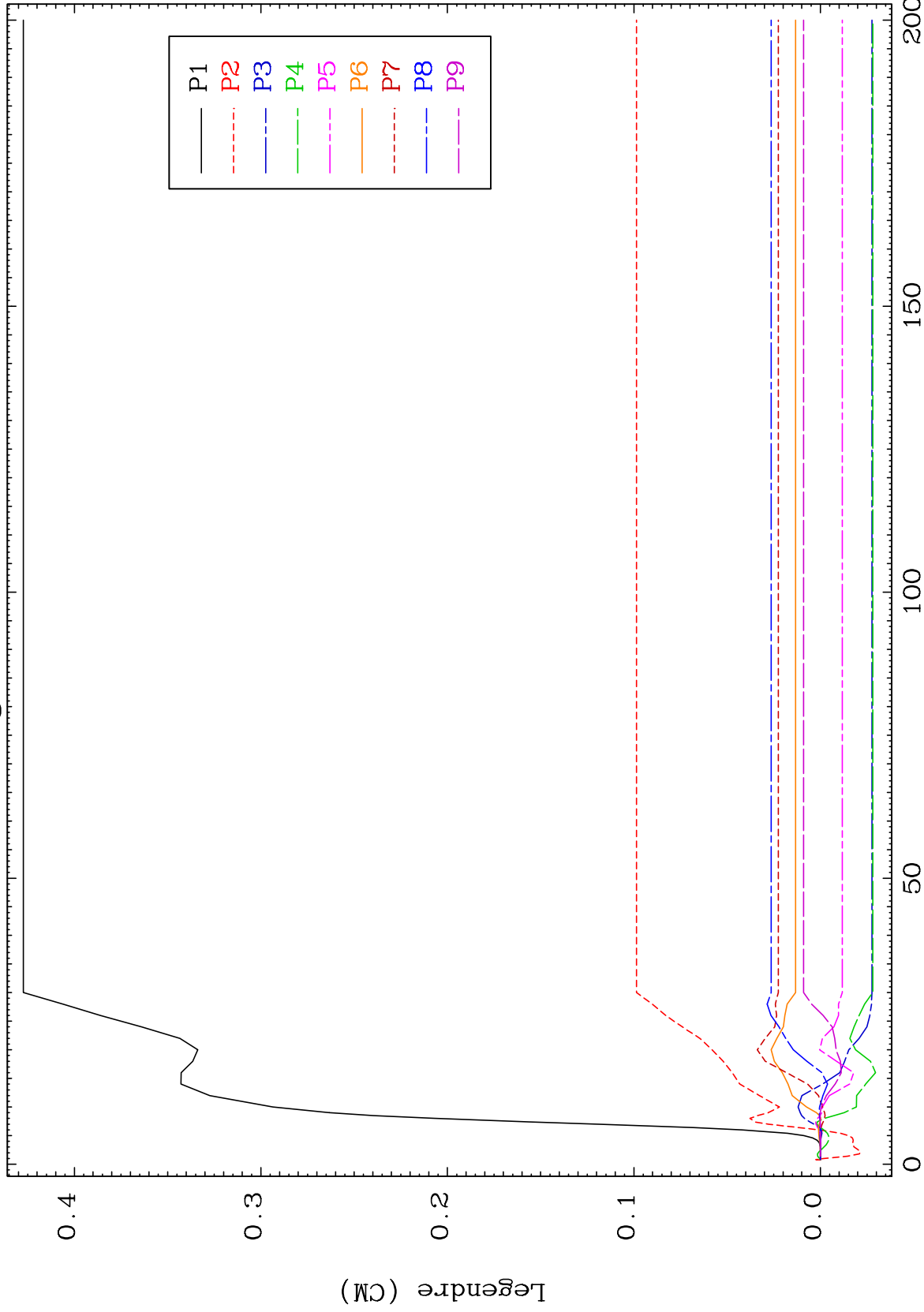
53-I -127



52

Incident Energy (MeV)

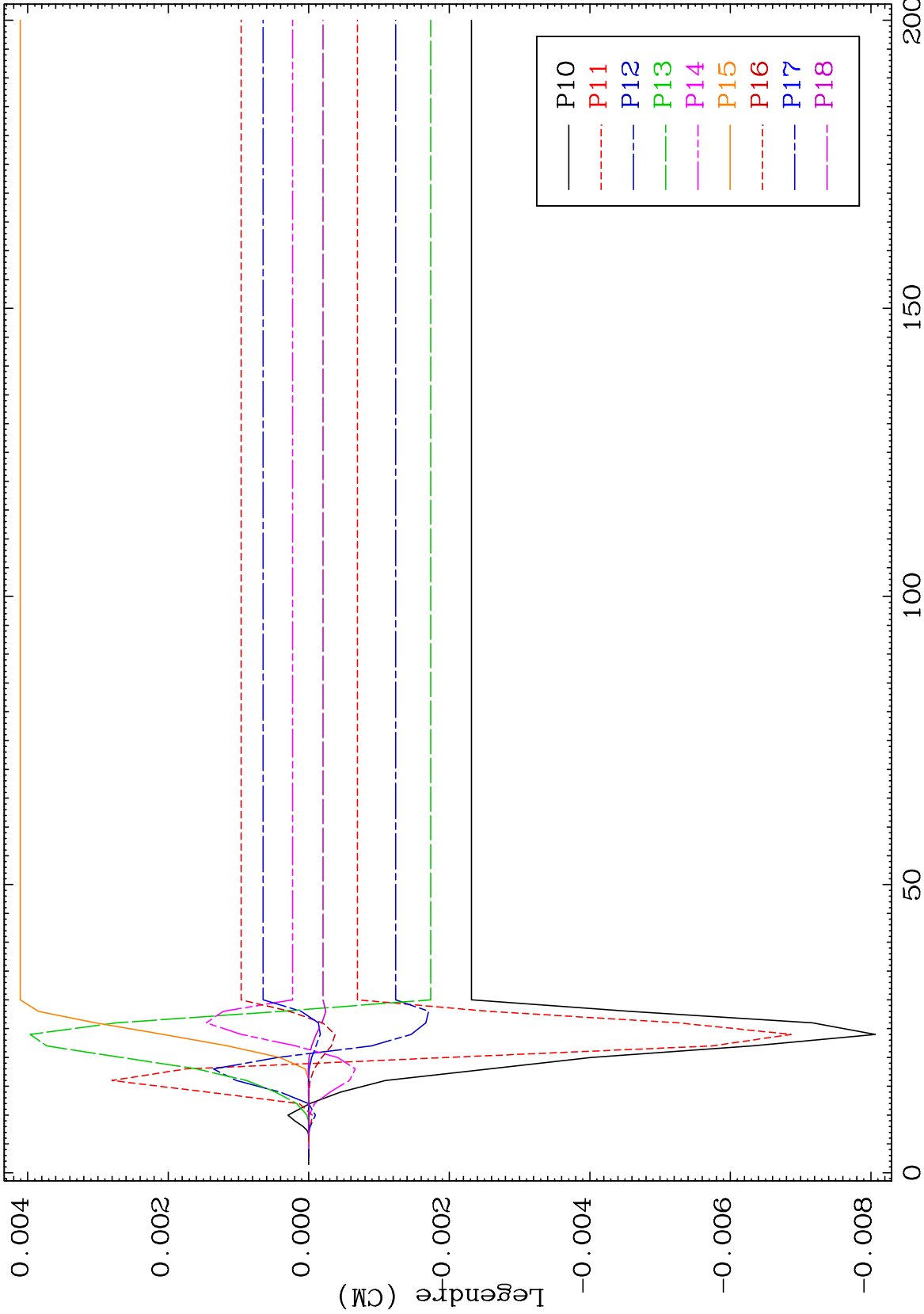
53-I -127



MAT 5325

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

53-I -127



54

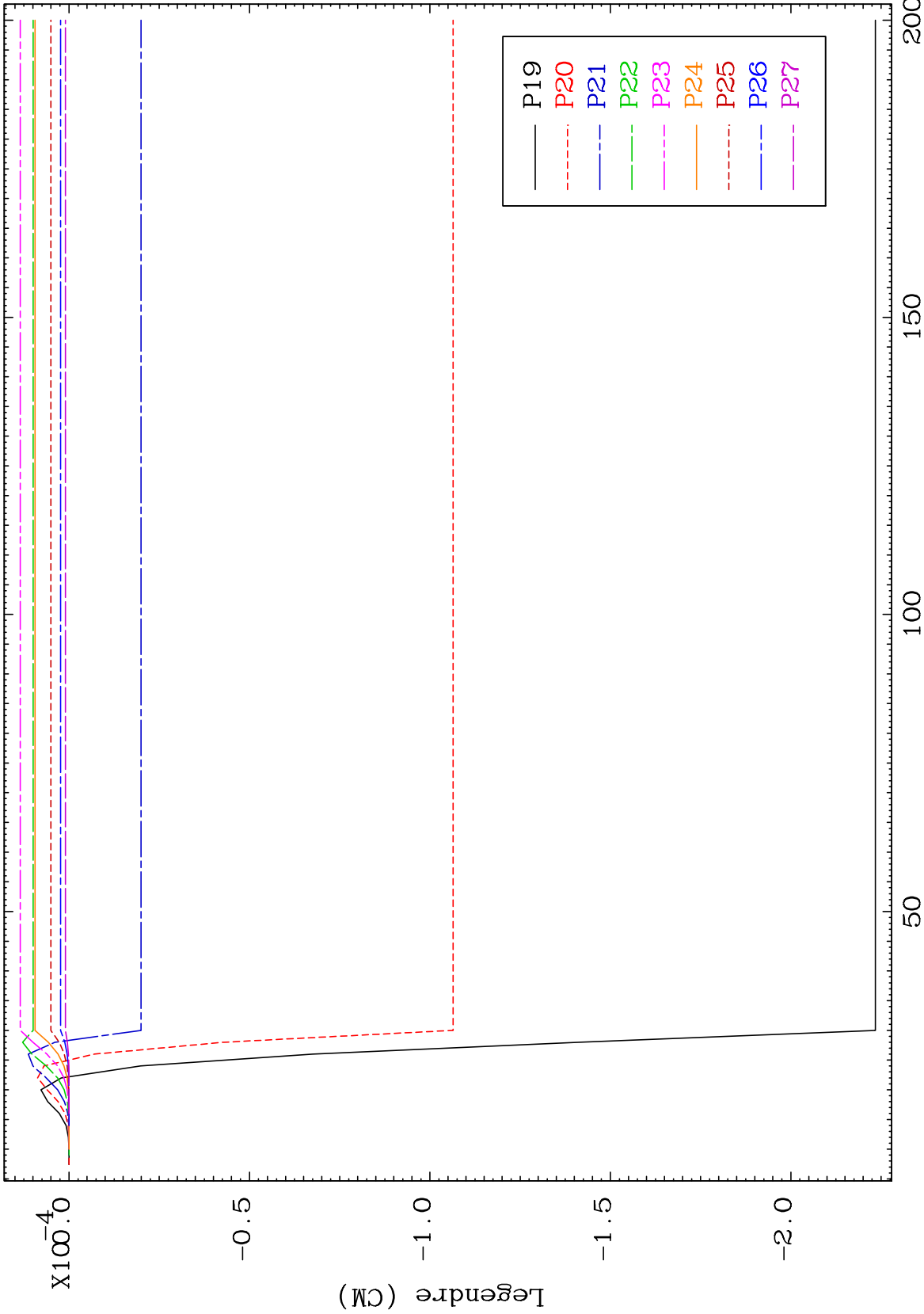
Incident Energy (MeV)

53-I -127

MAT 5325

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

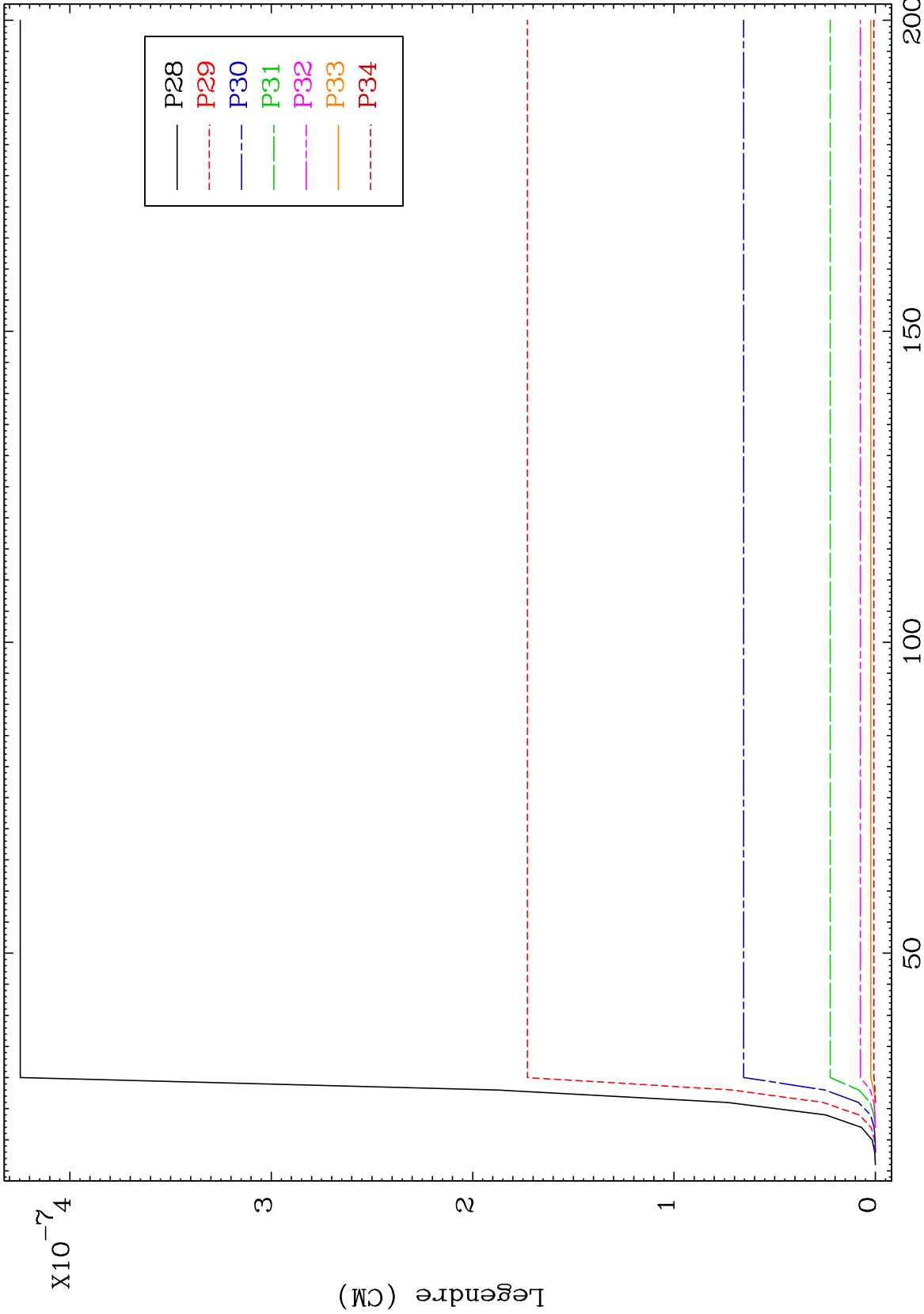
53-I -127

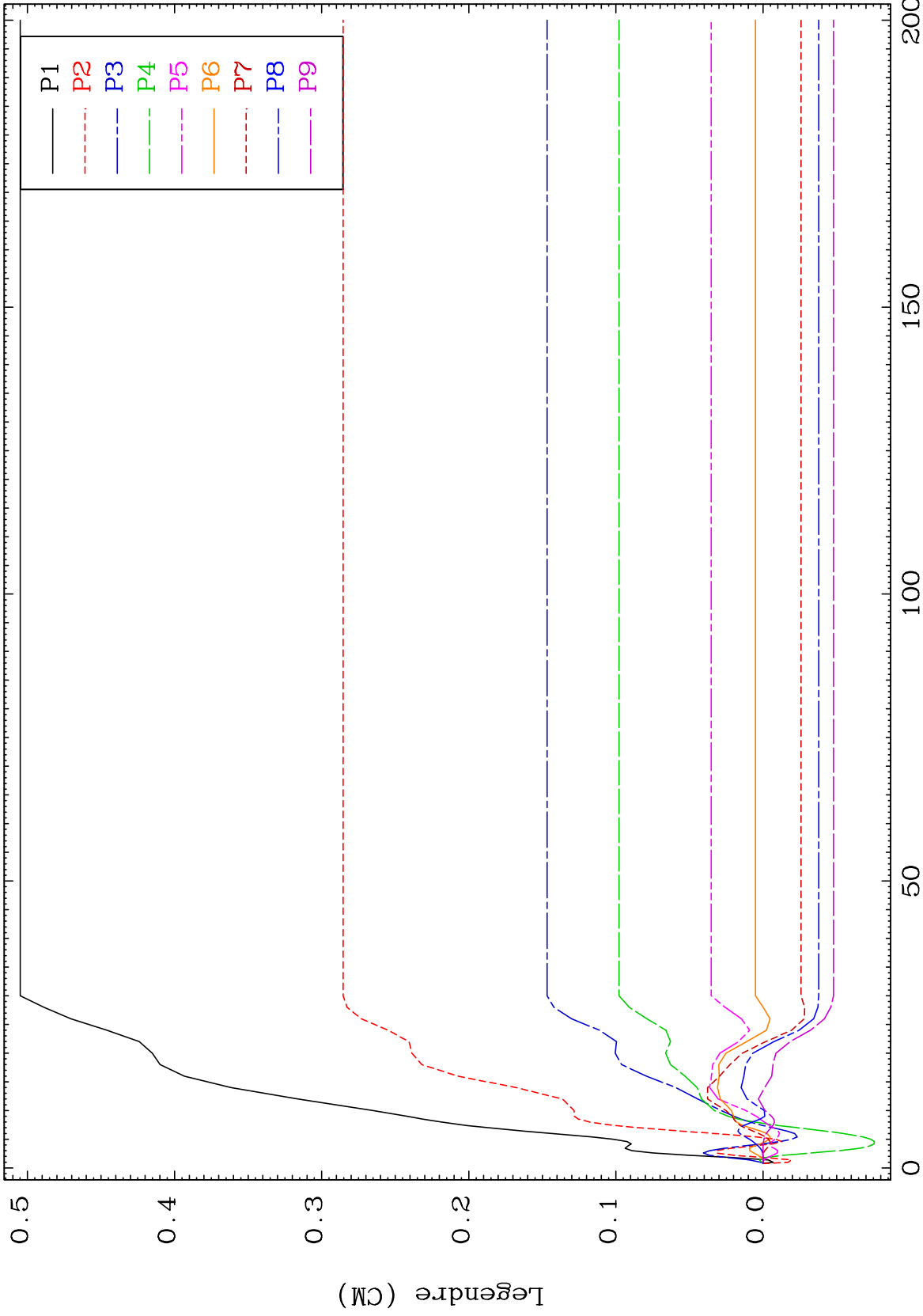


55

Incident Energy (MeV)

53-I -127

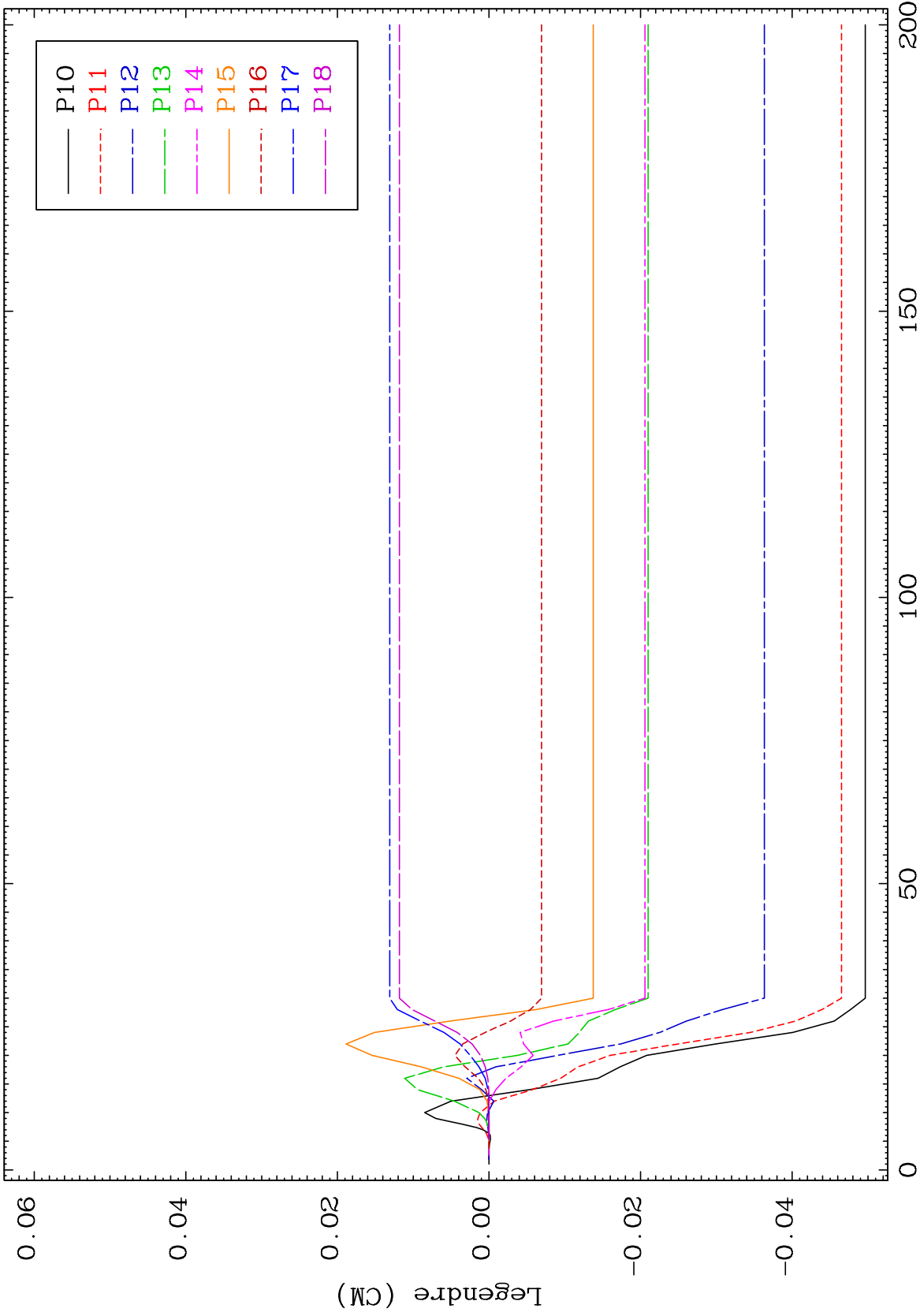




MAT 5325

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

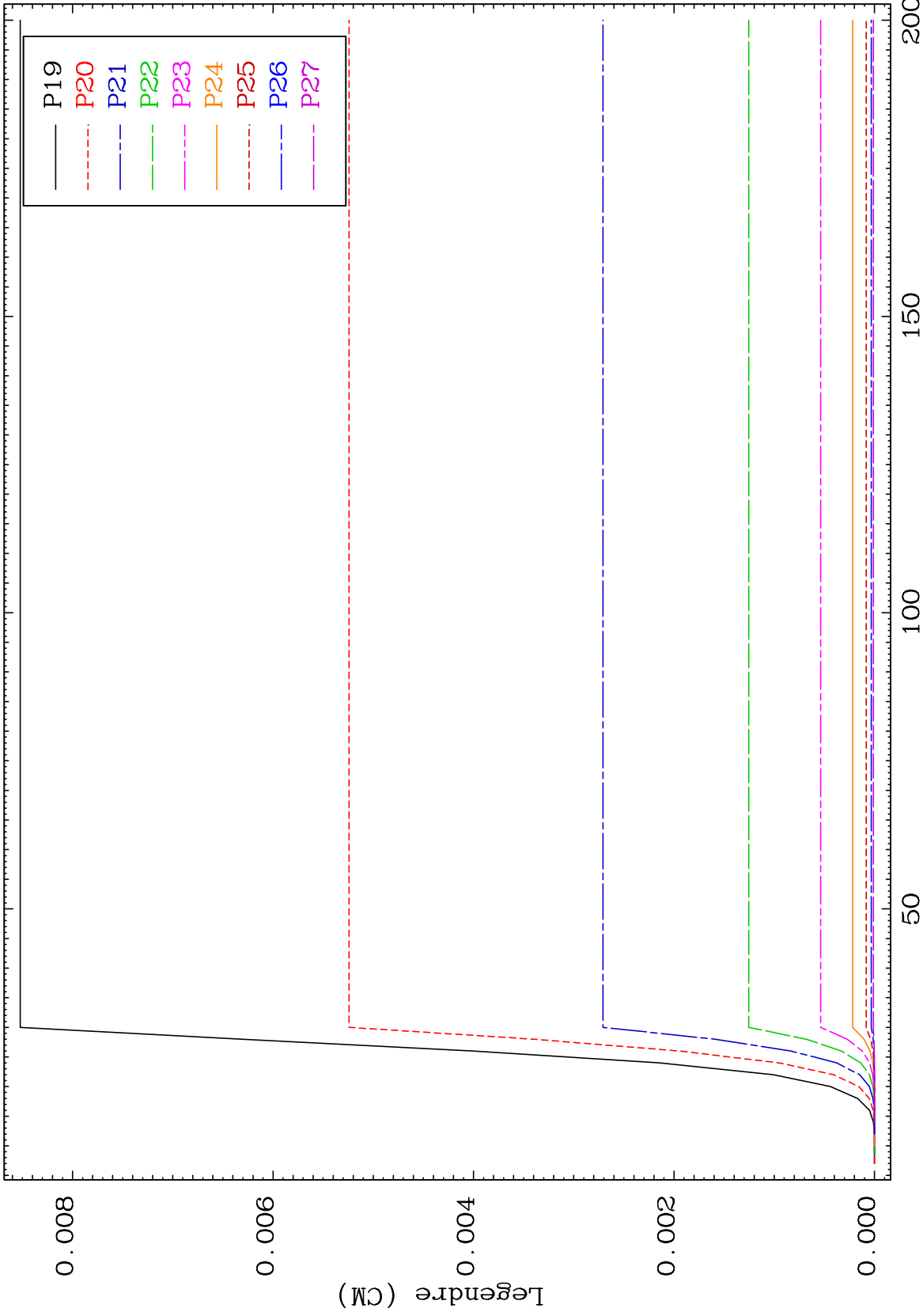
53-I -127



58

Incident Energy (MeV)

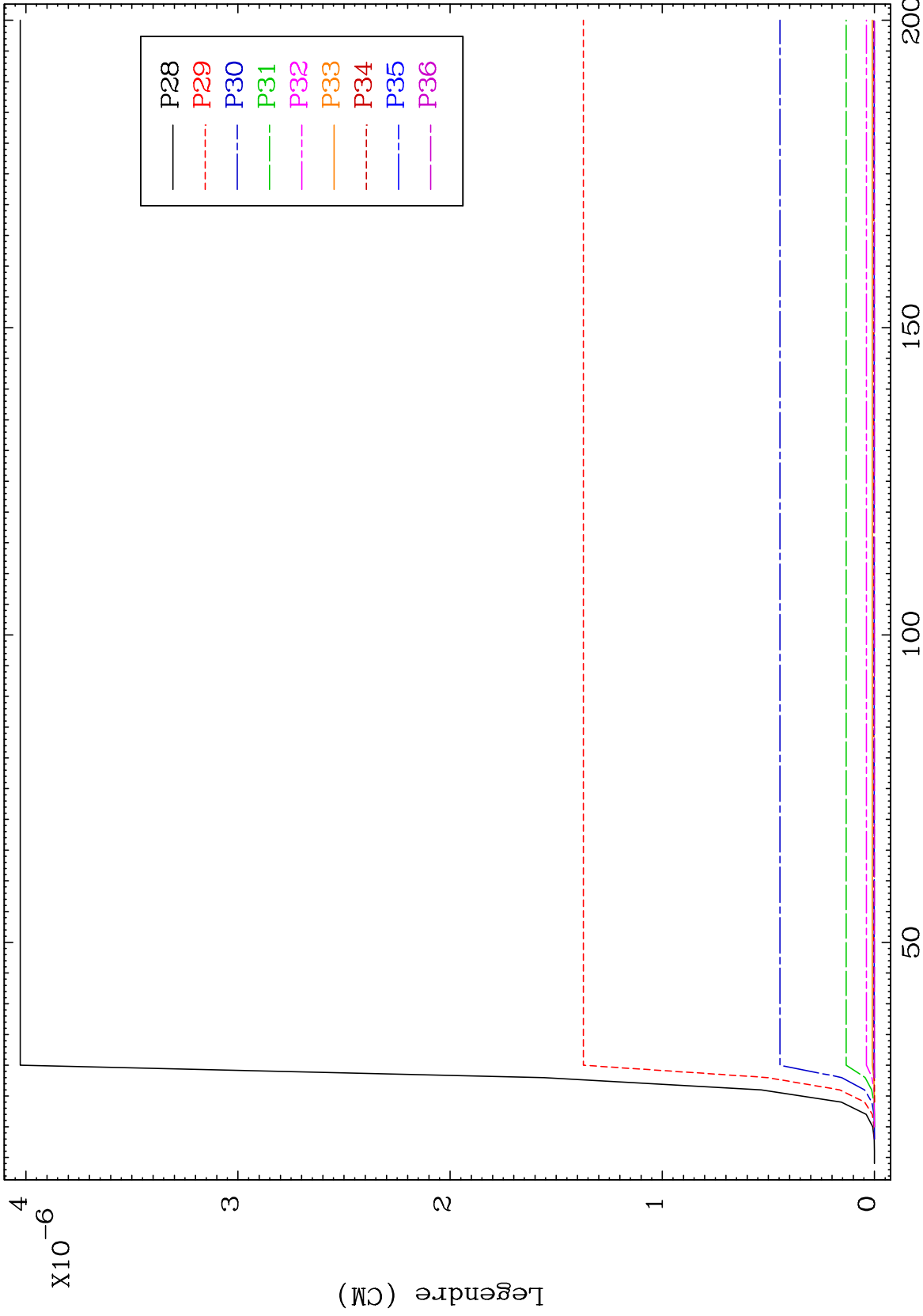
53-I -127



MAT 5325

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

53-I -127



60

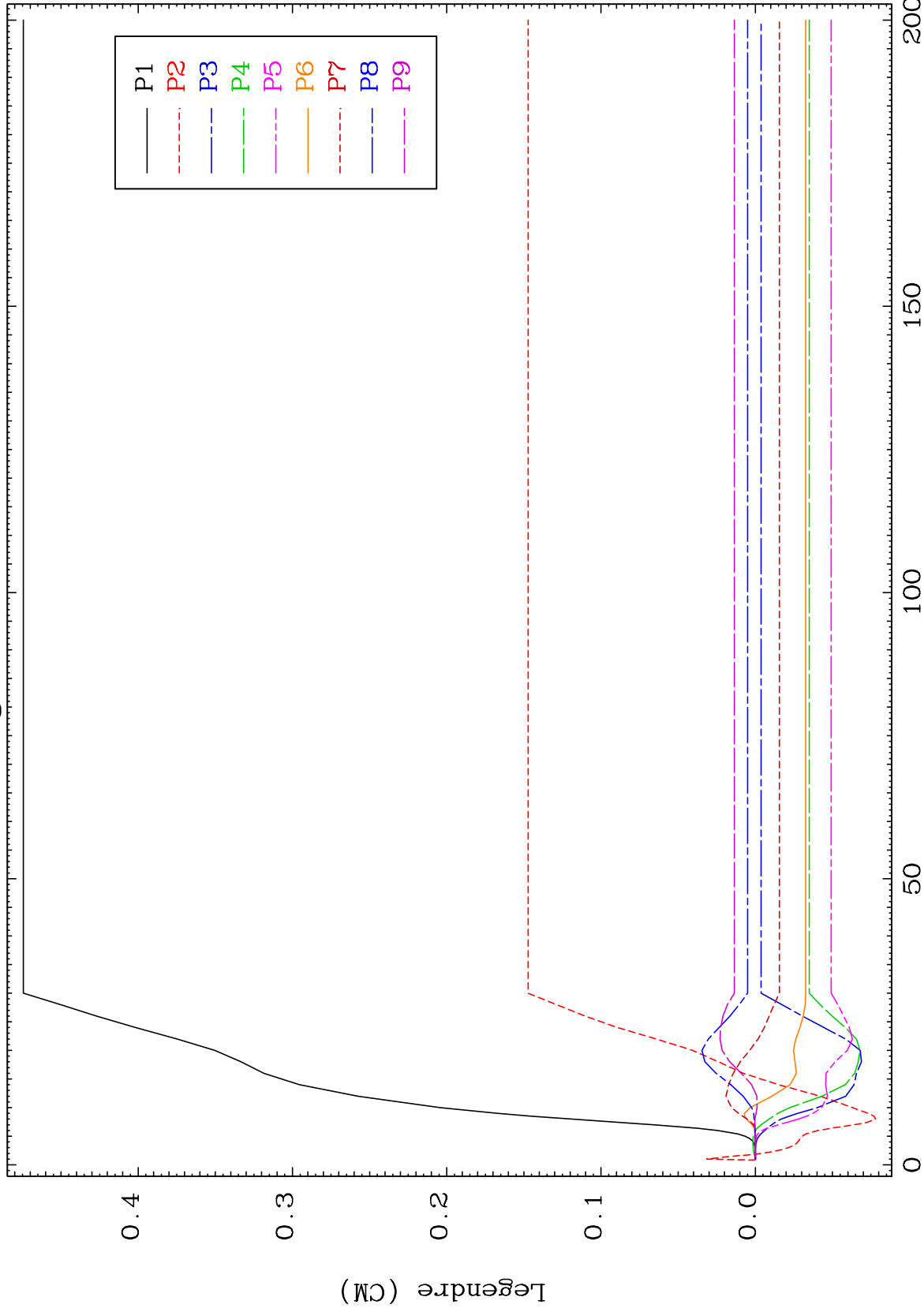
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



61

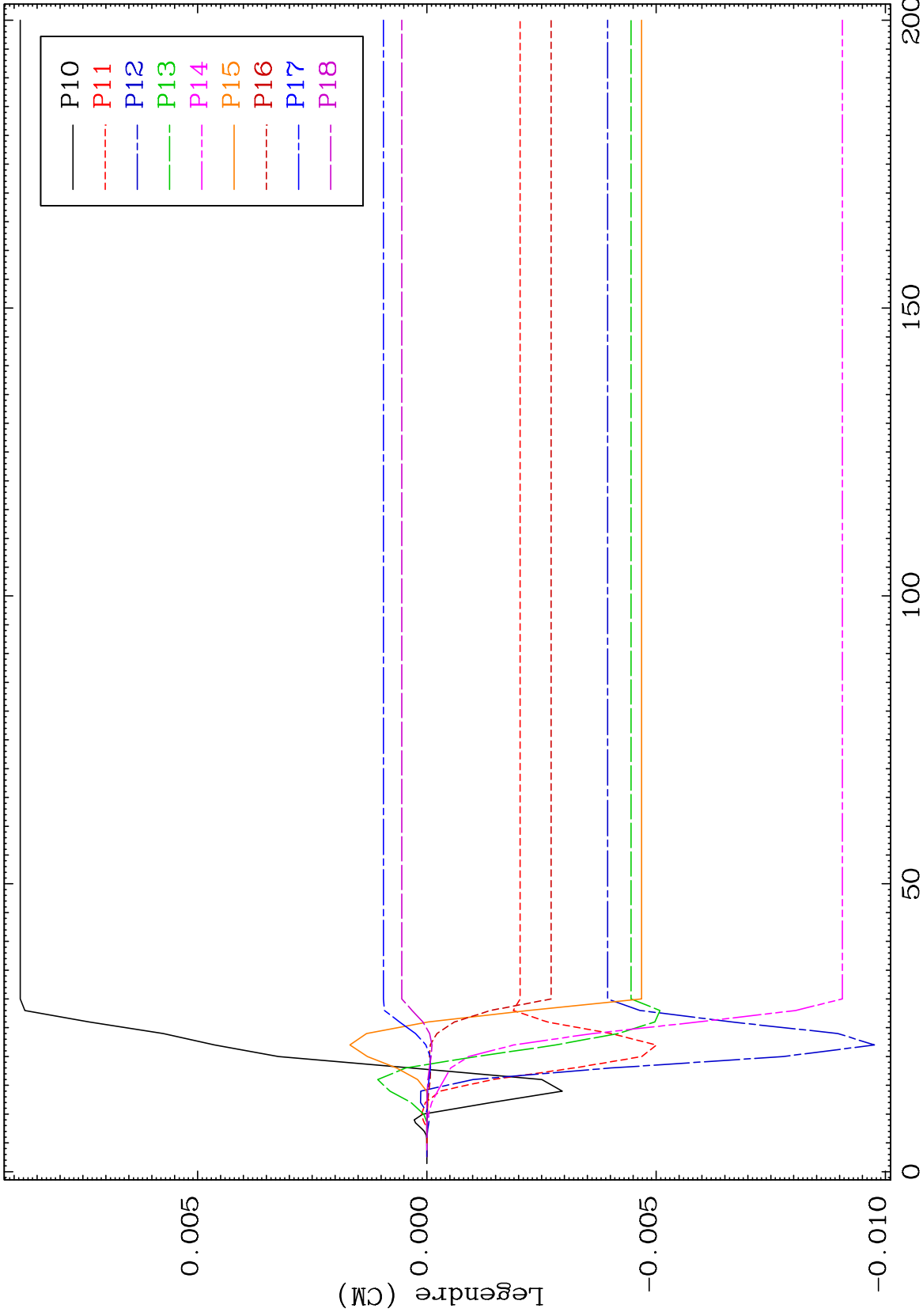
Incident Energy (MeV)

53-I -127

MAT 5325

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

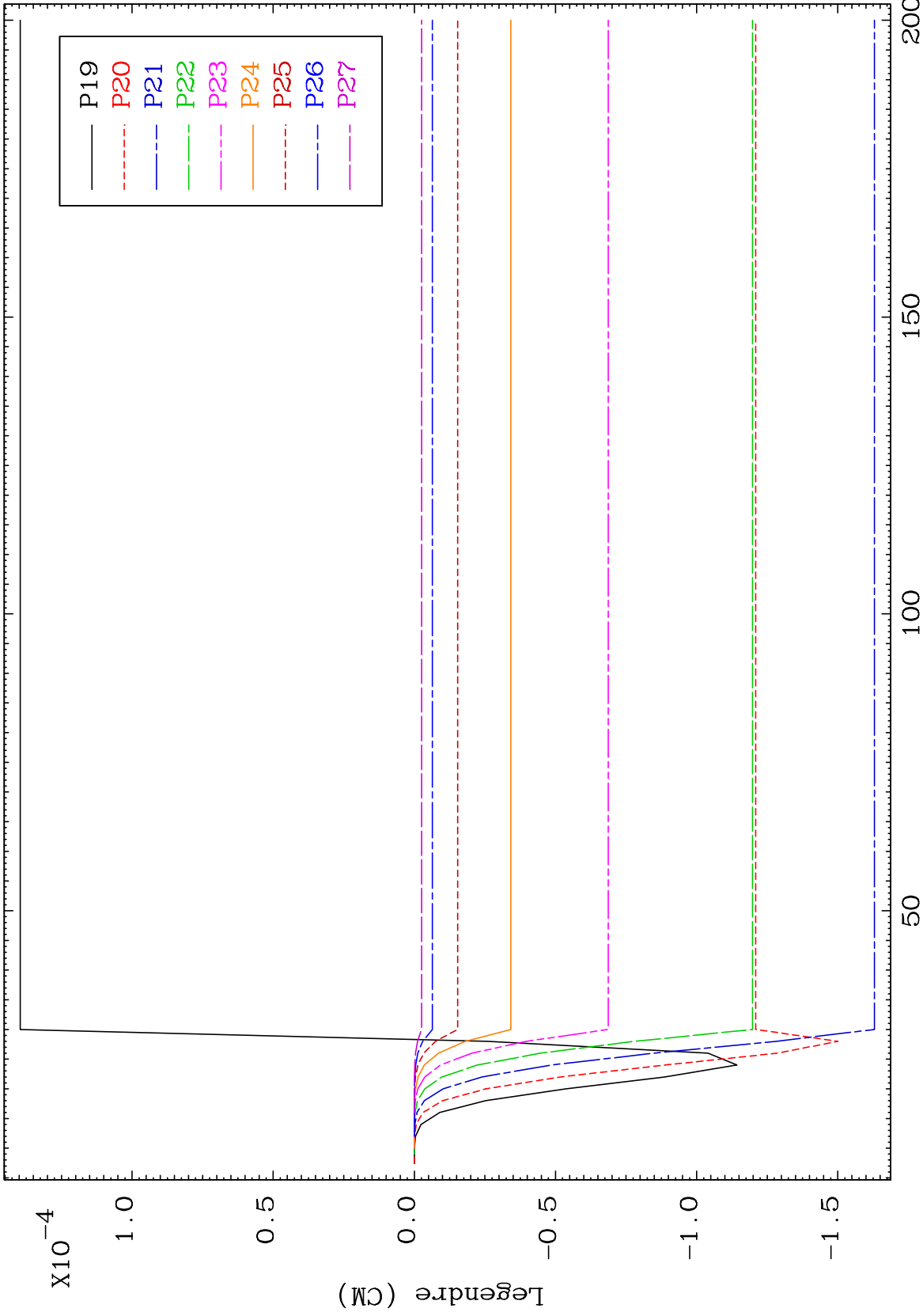
53-I -127



62

Incident Energy (MeV)

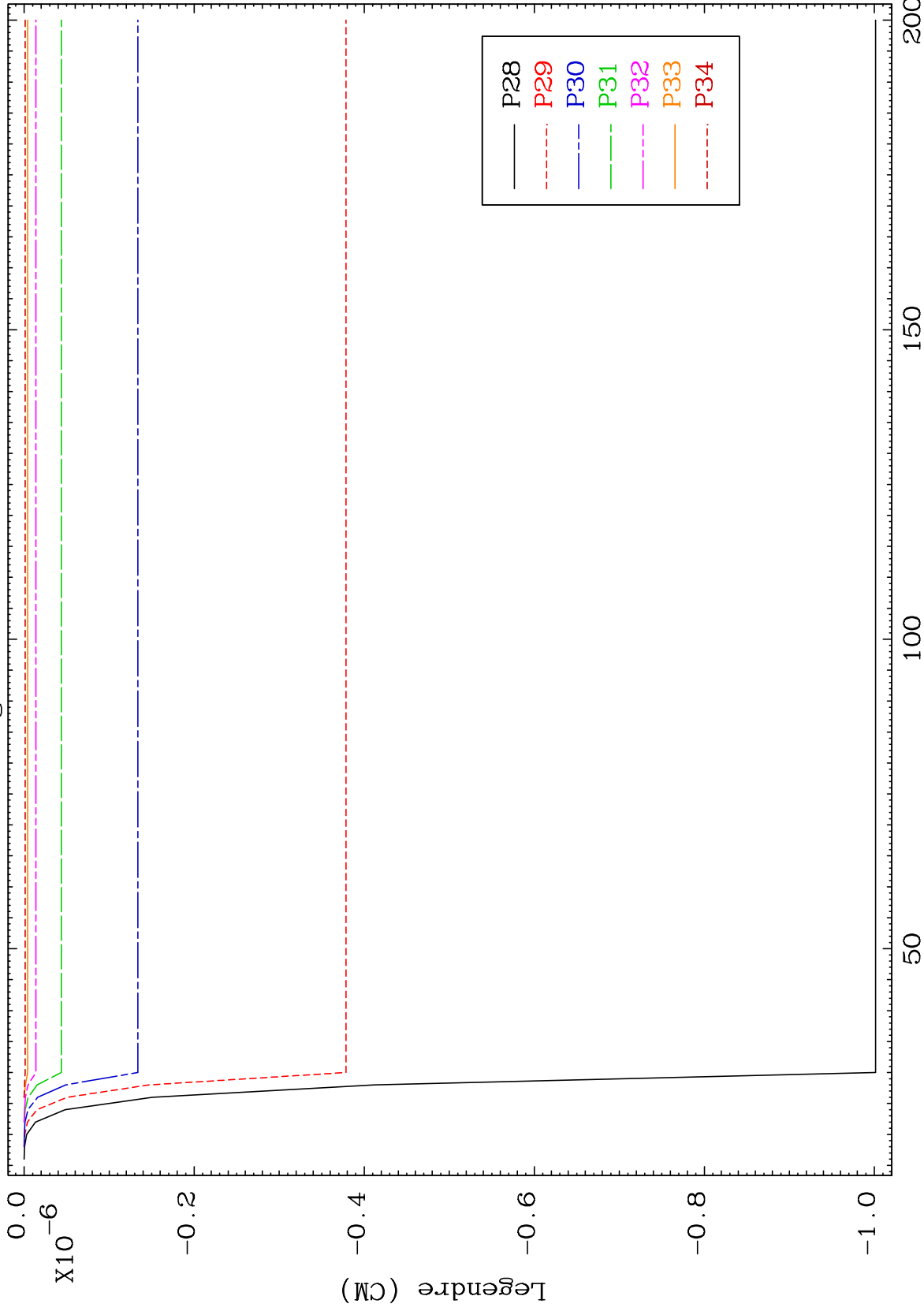
53-I -127



MAT 5325

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

53-I -127



64

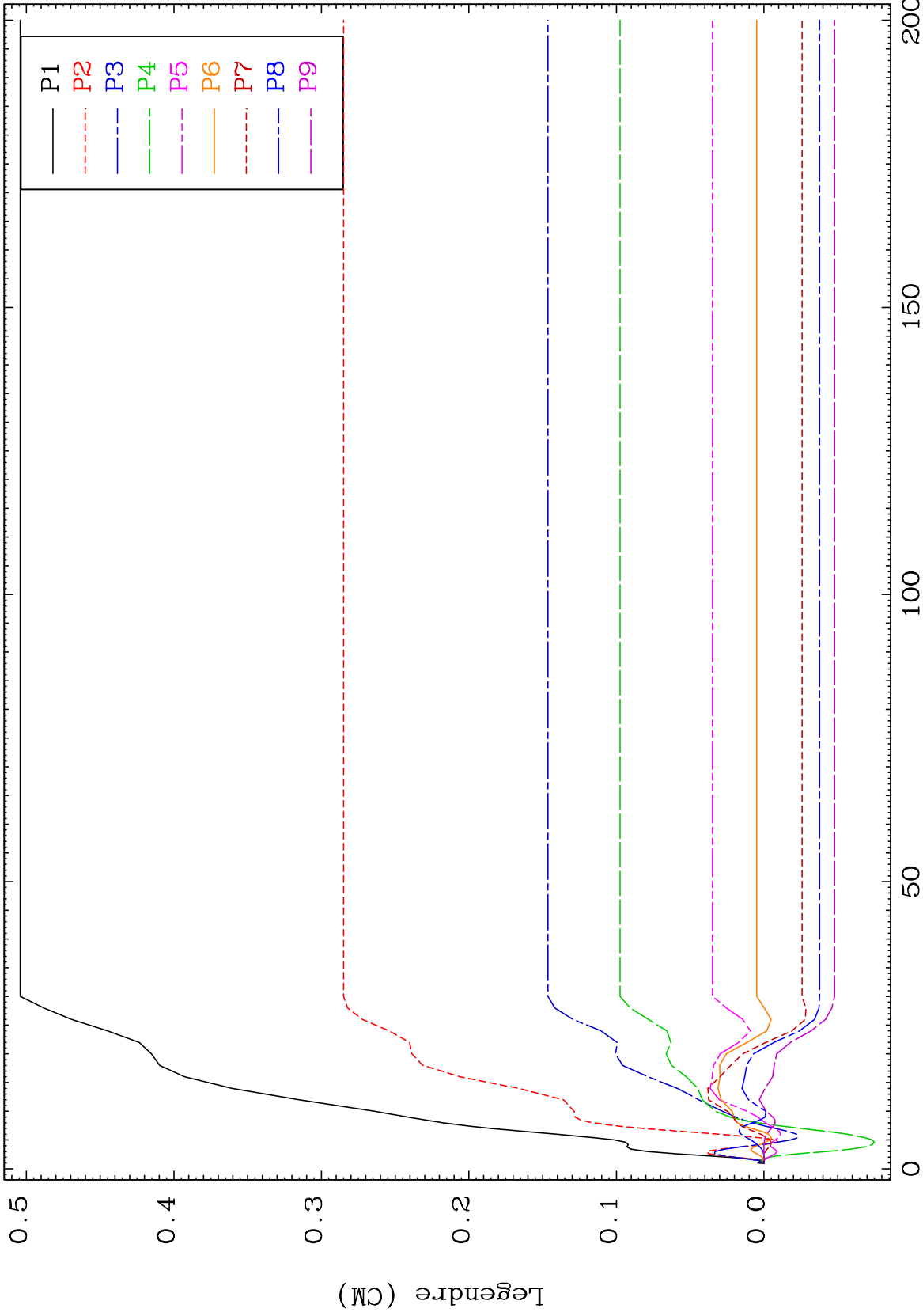
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



65

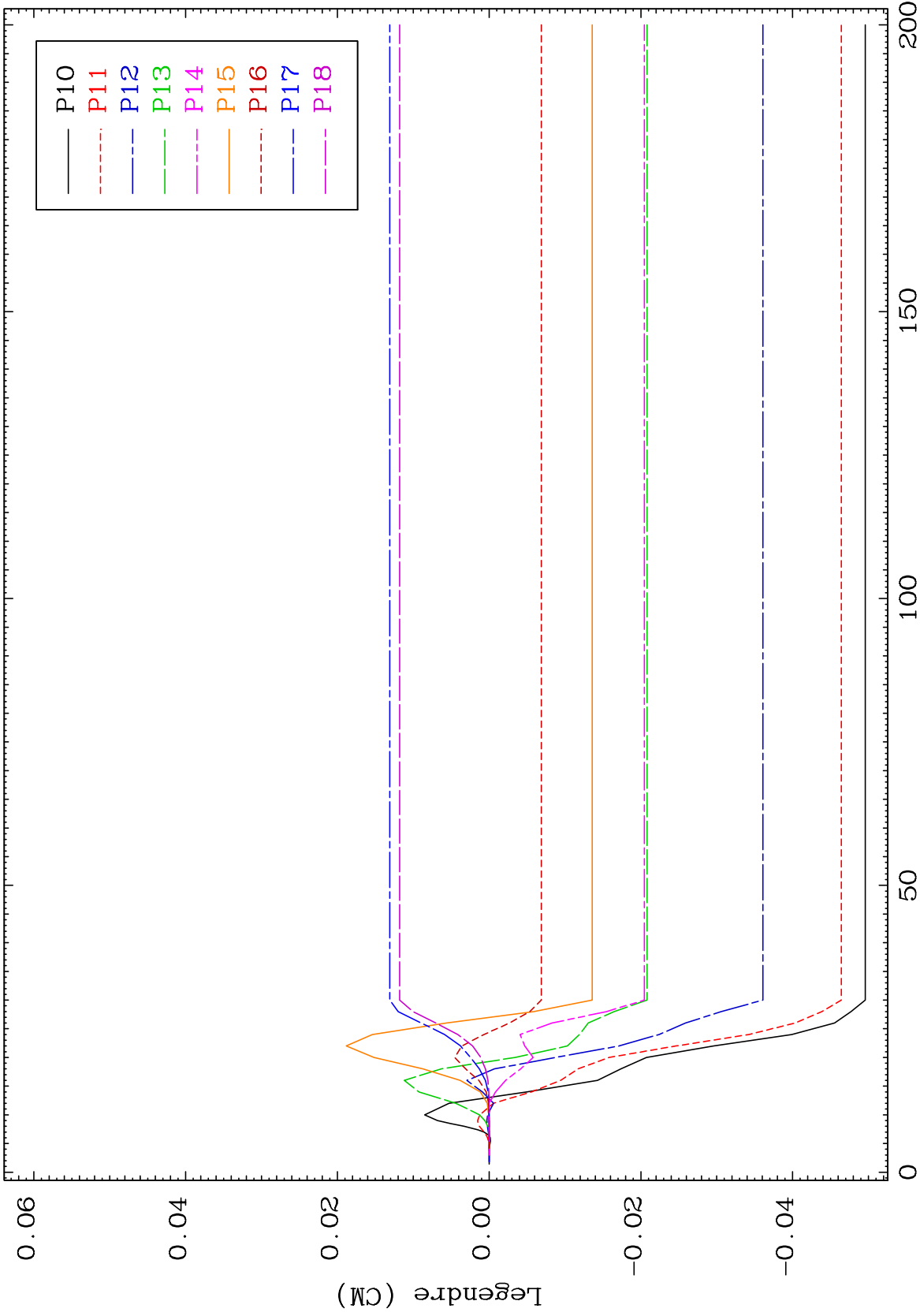
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



66

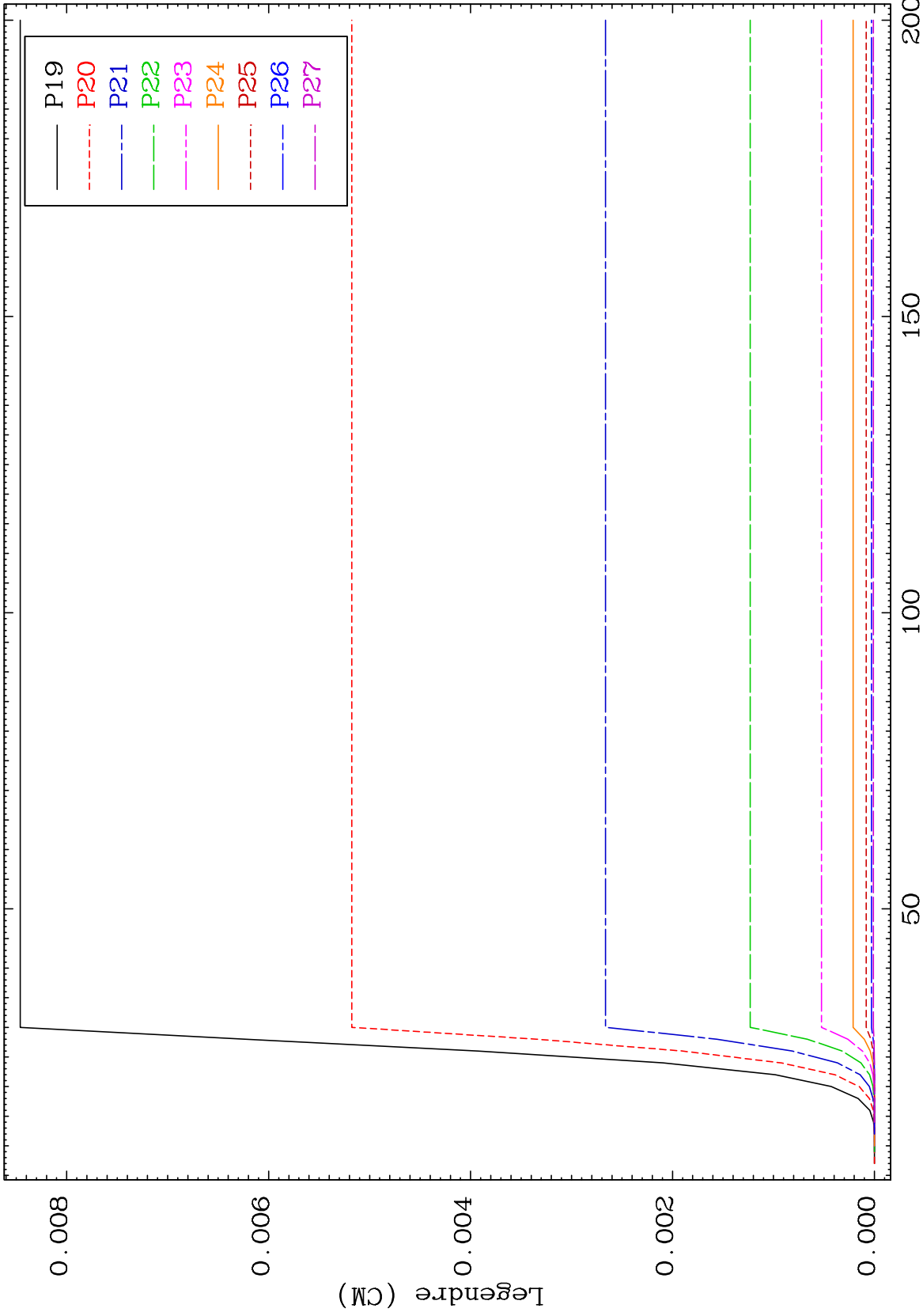
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



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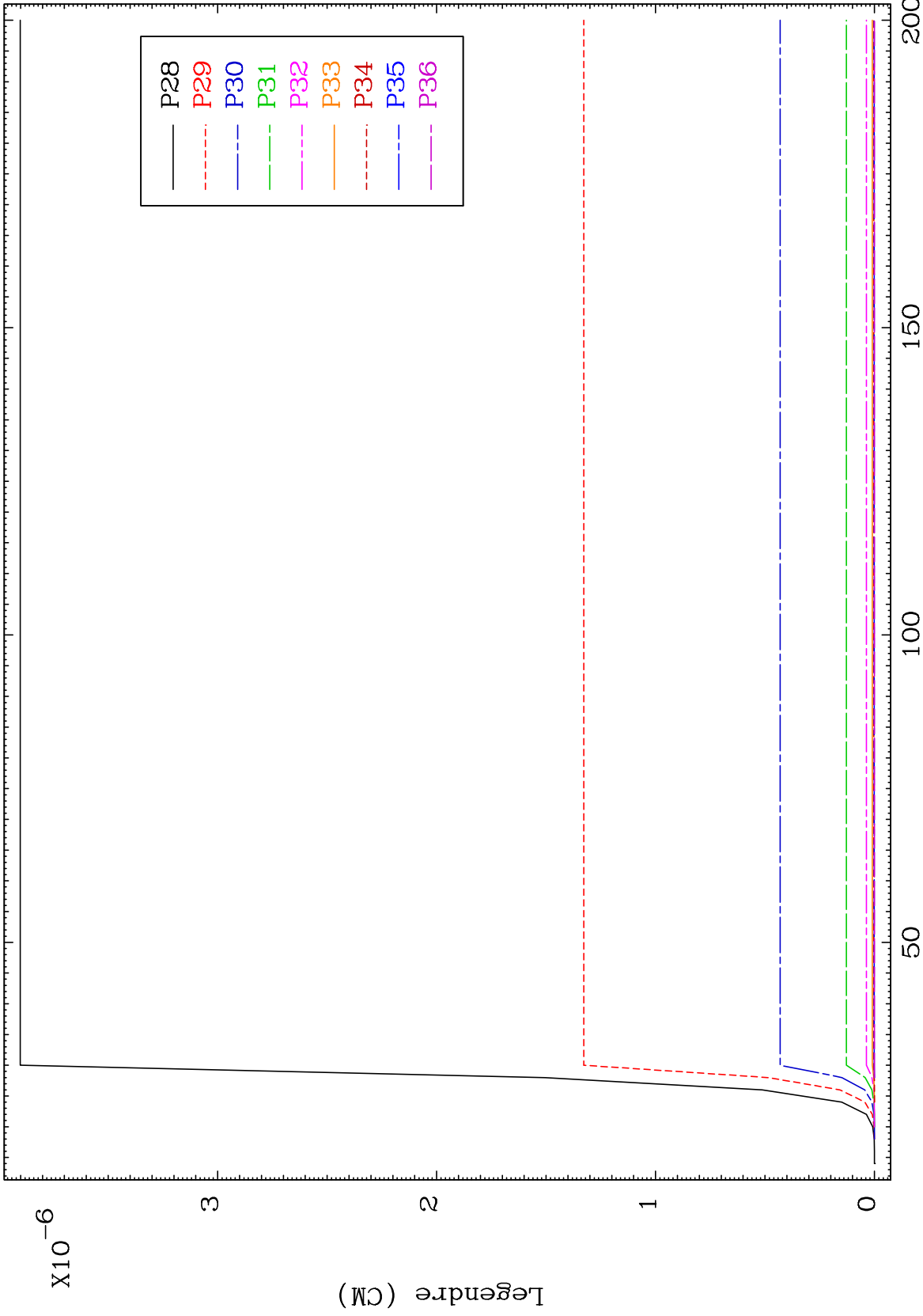
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



68

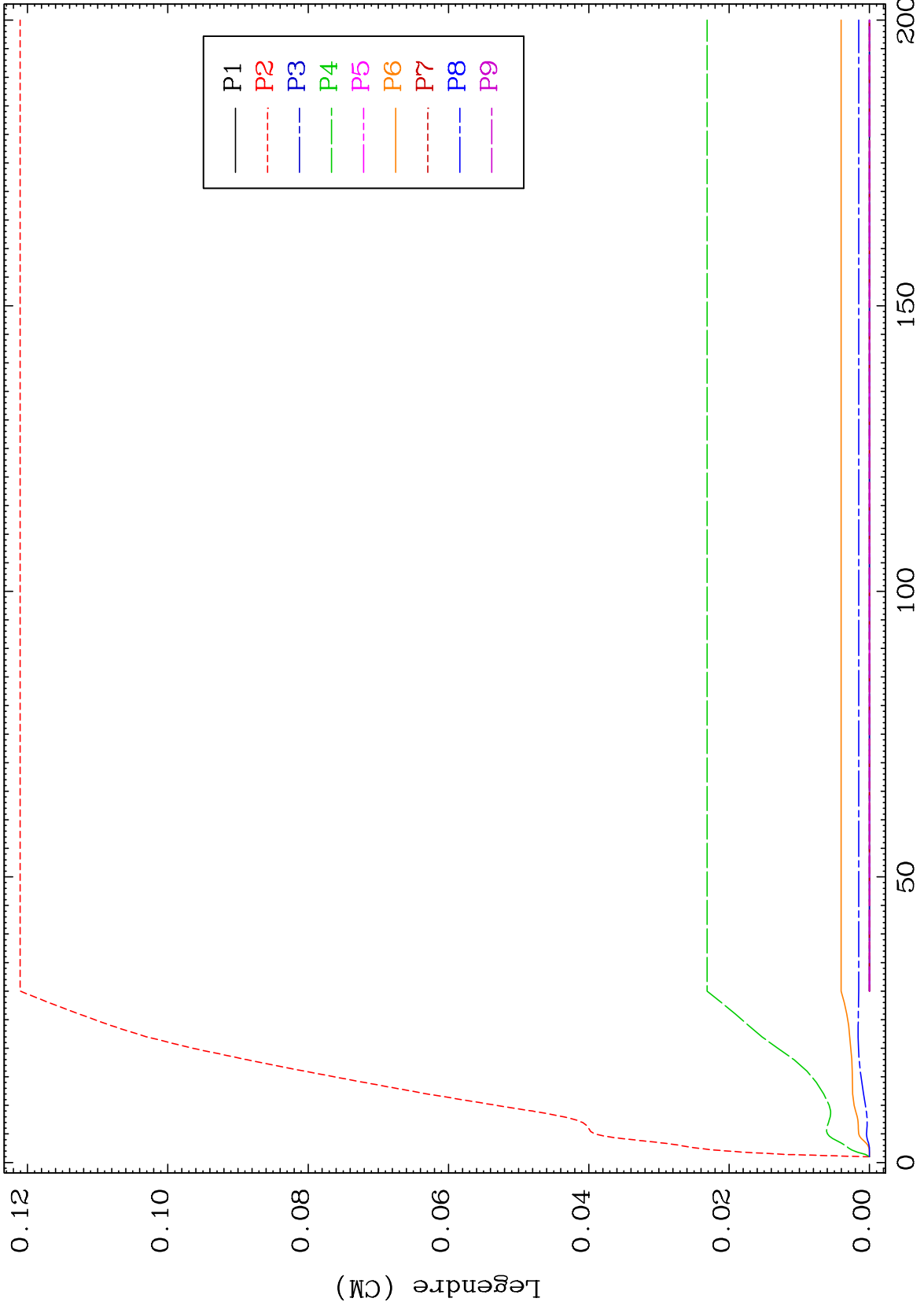
Incident Energy (MeV)

53-I -127

MAT 5325

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

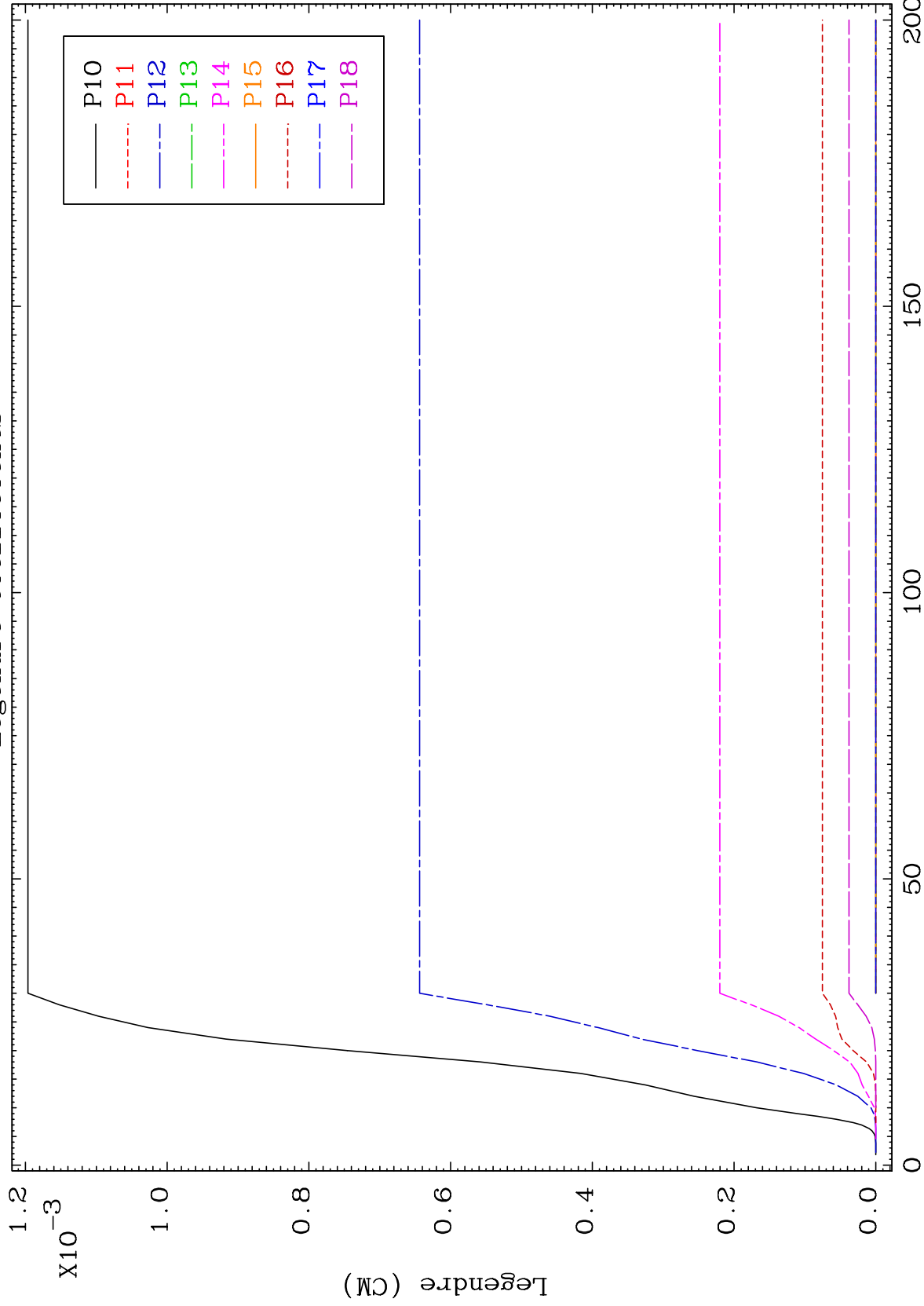
53-I -127



69

Incident Energy (MeV)

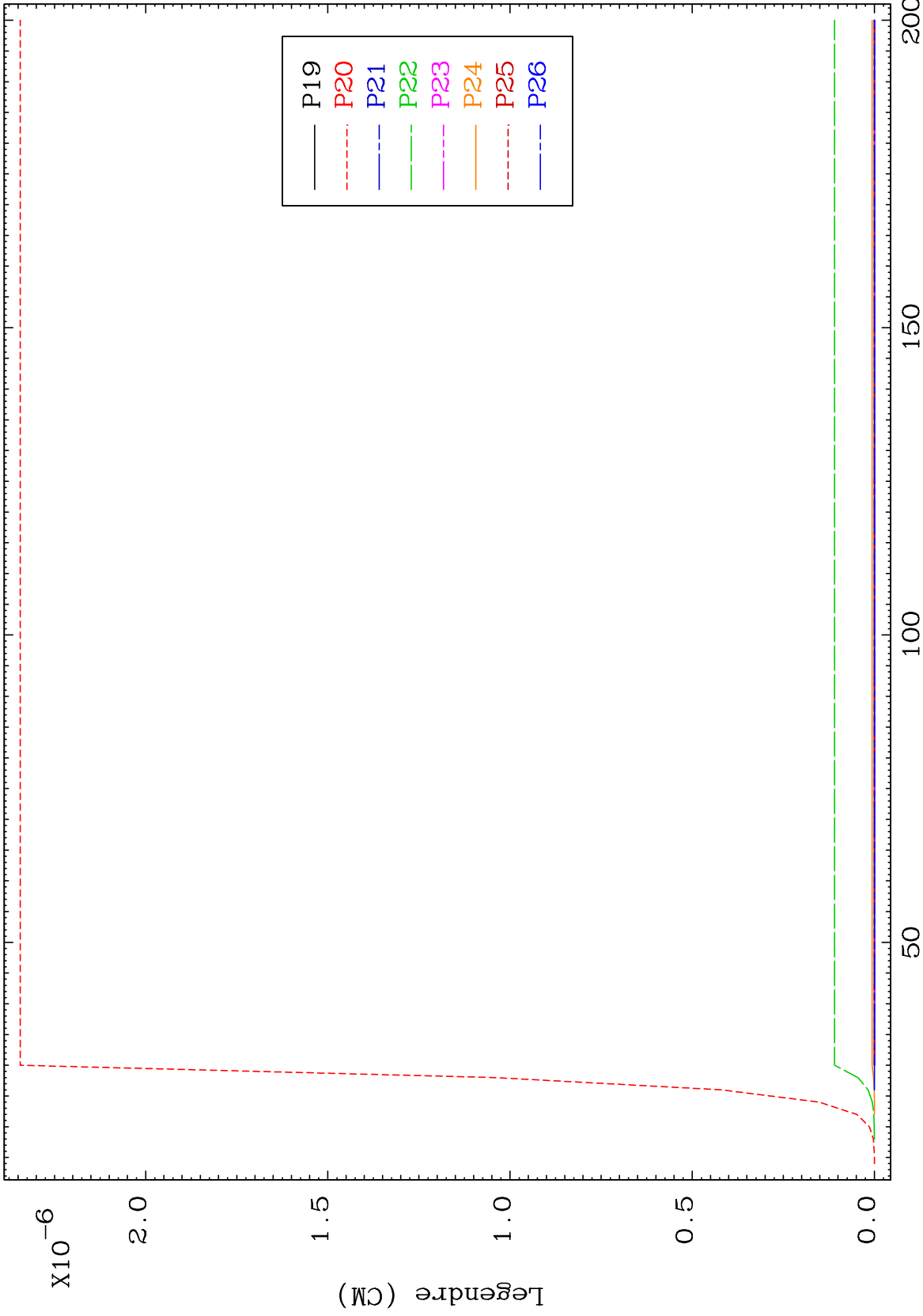
53-I -127



MAT 5325

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

53-I -127



71

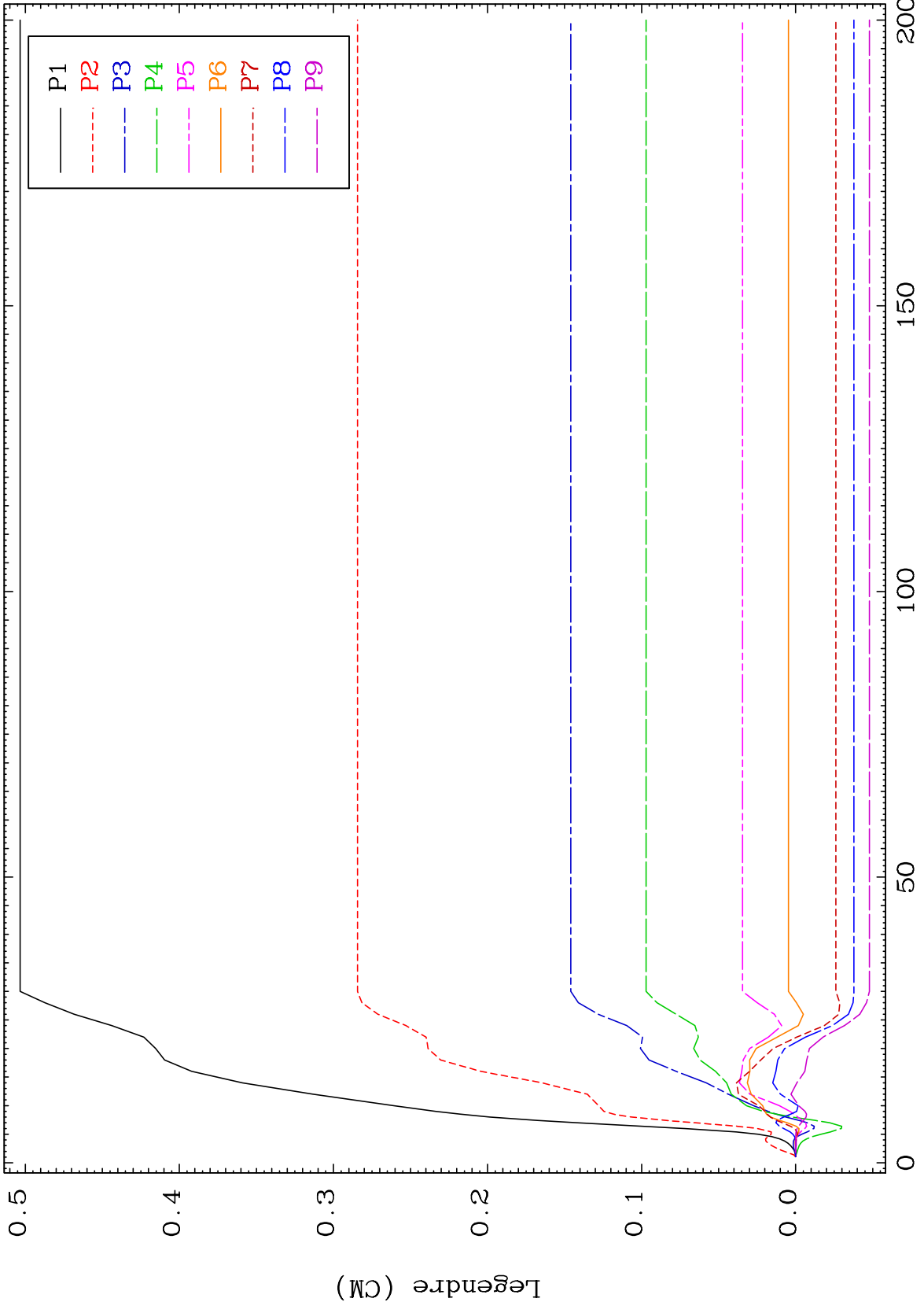
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



72

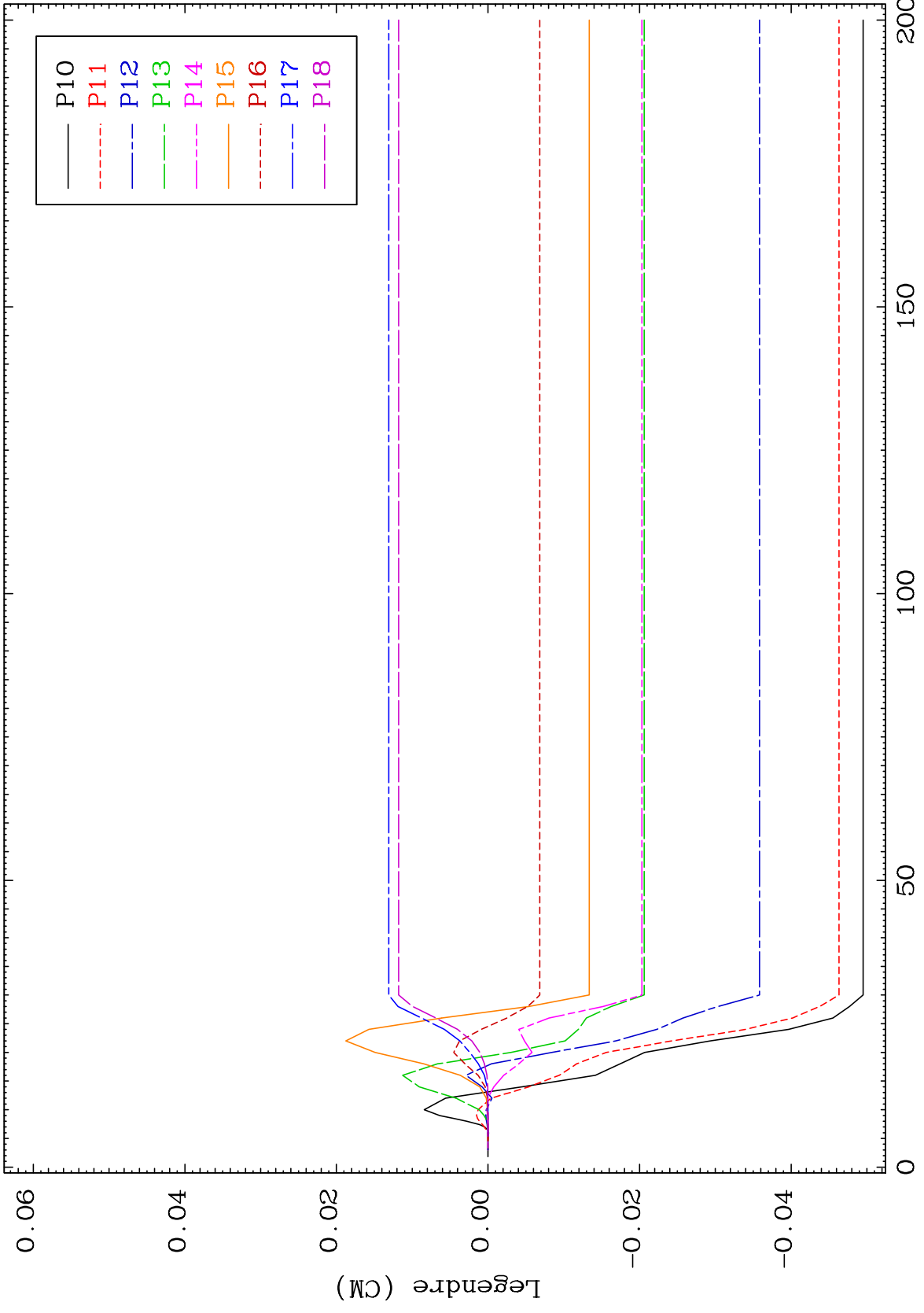
Incident Energy (MeV)

53-I -127

MAT 5325

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

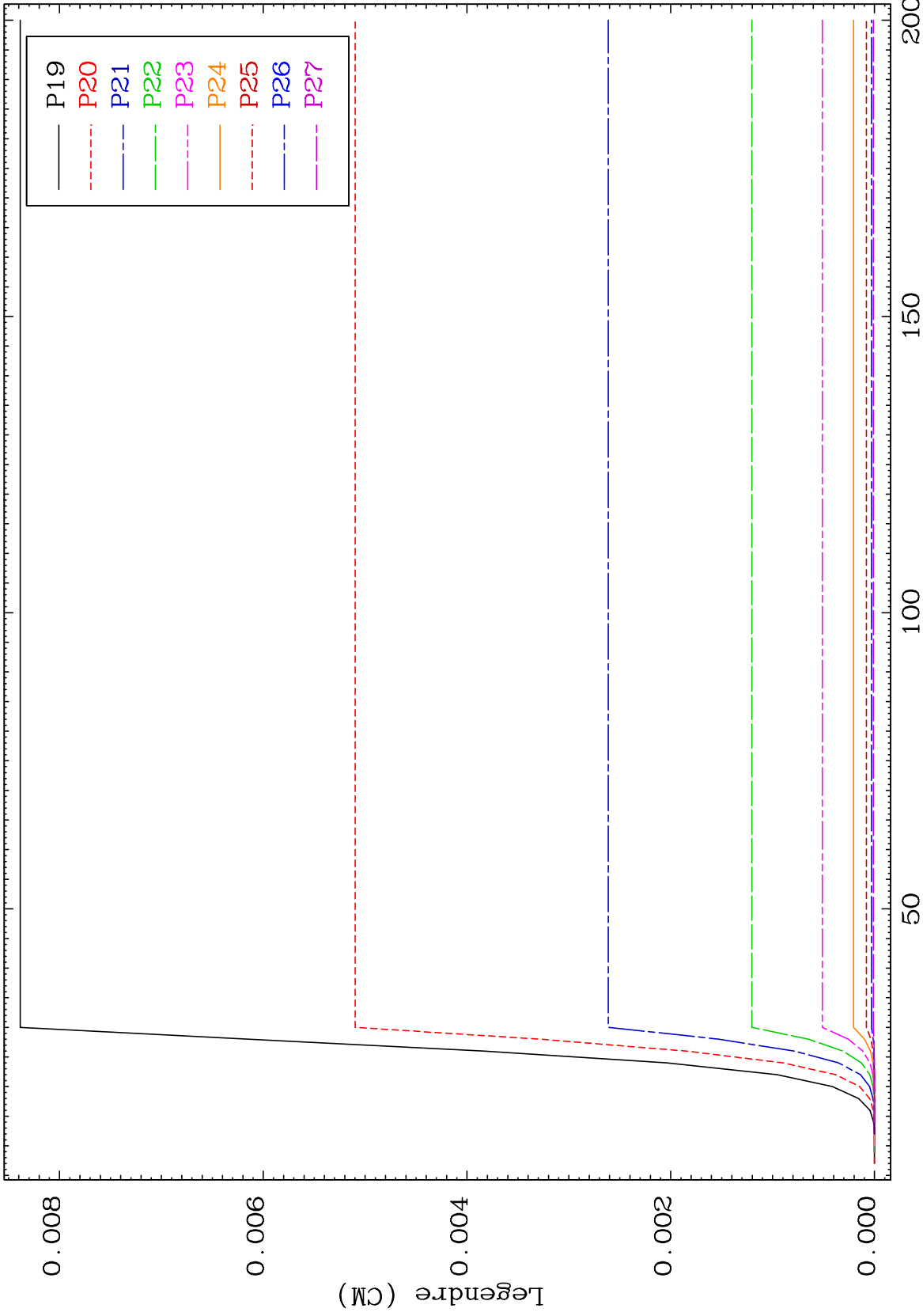
53-I -127



73

Incident Energy (MeV)

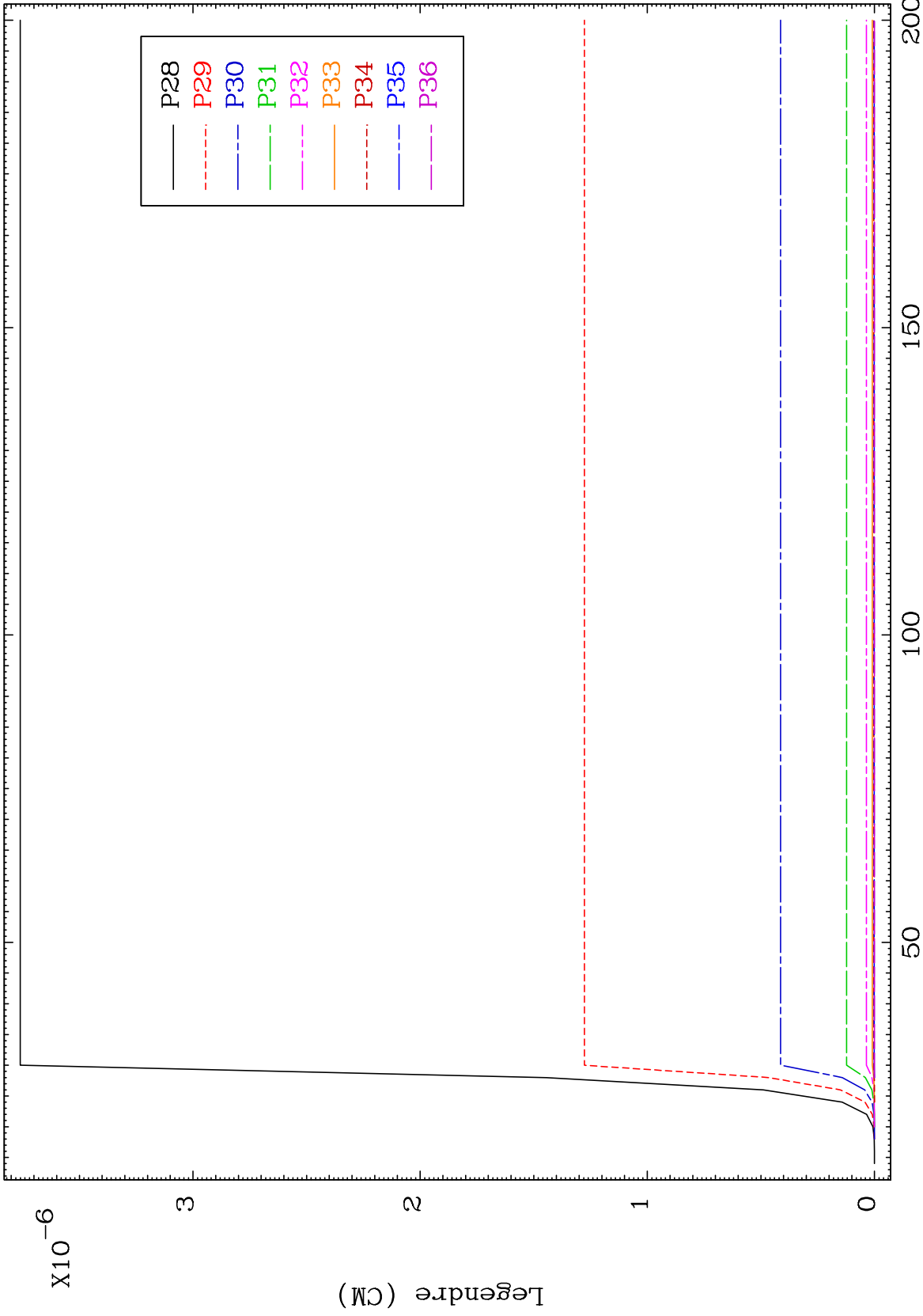
53-I -127



MAT 5325

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

53-I -127



75

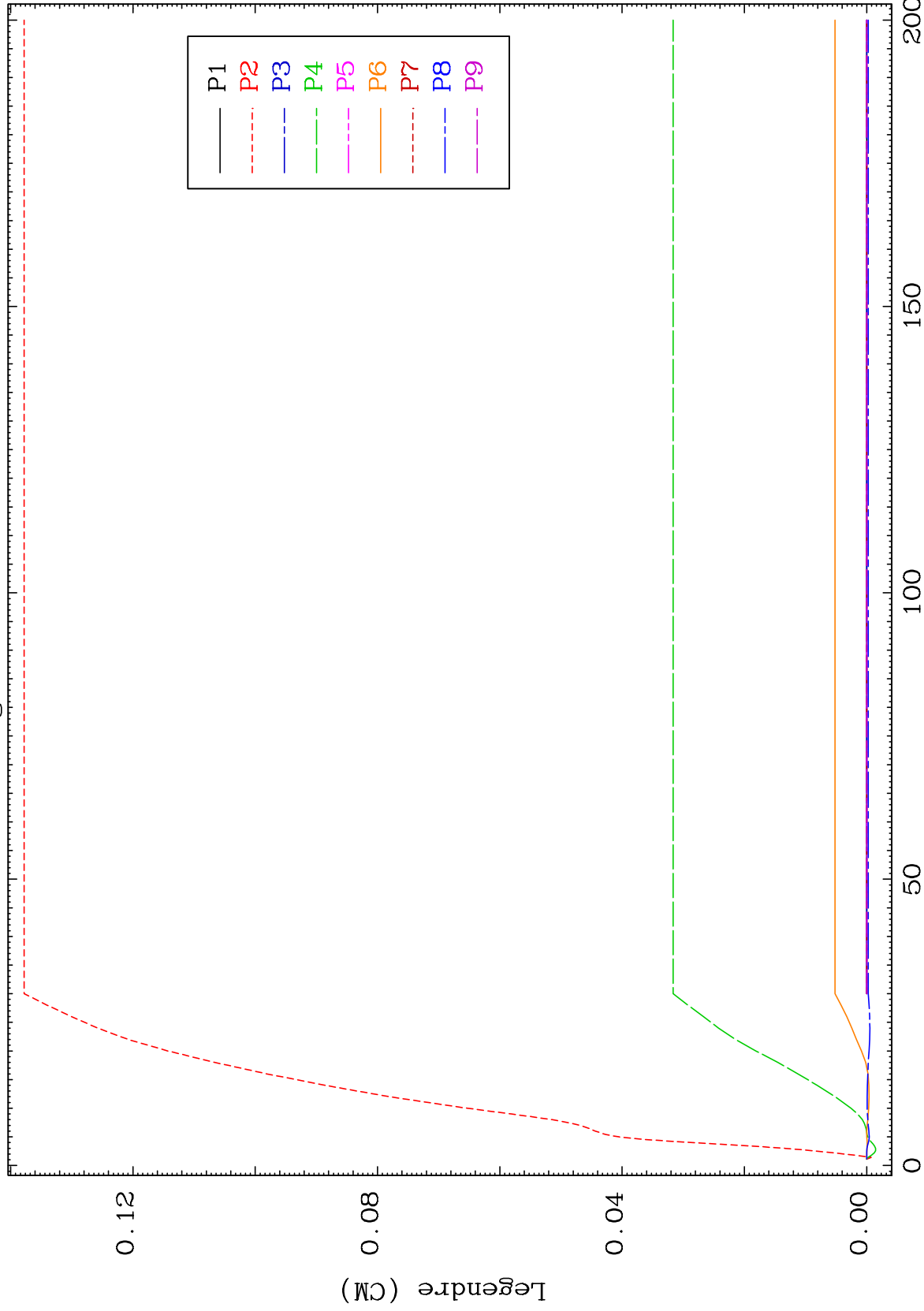
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



76

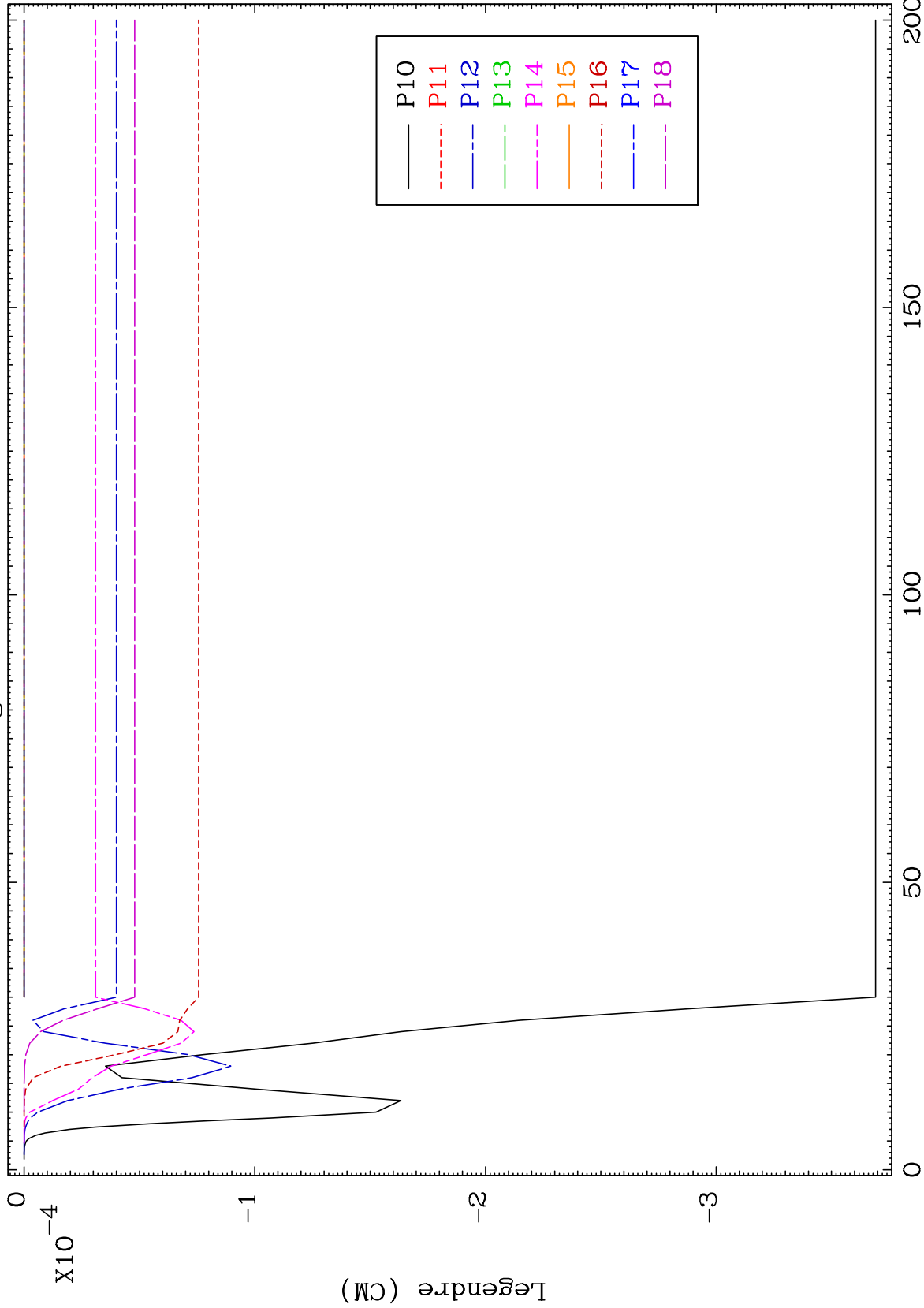
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



77

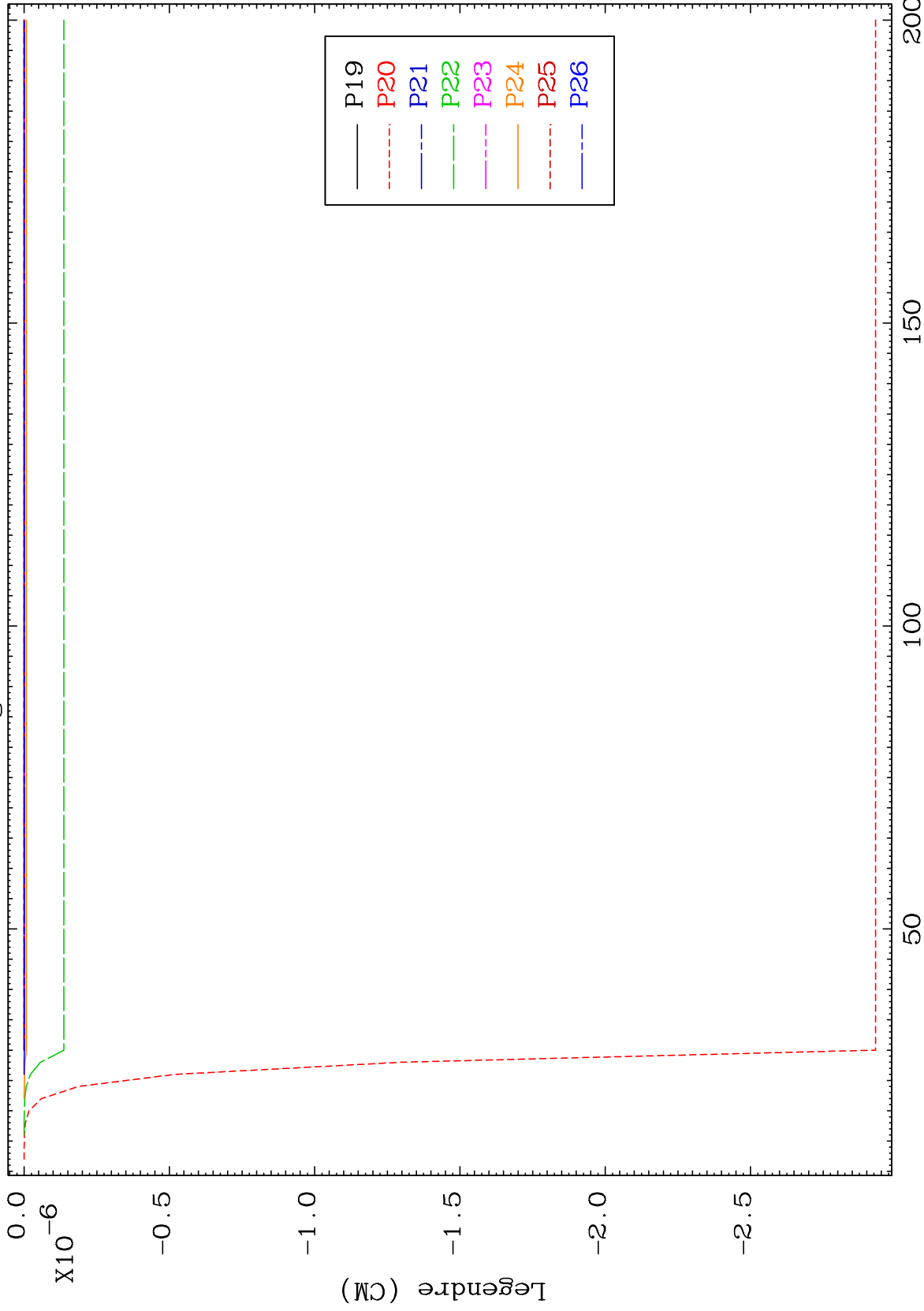
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



78

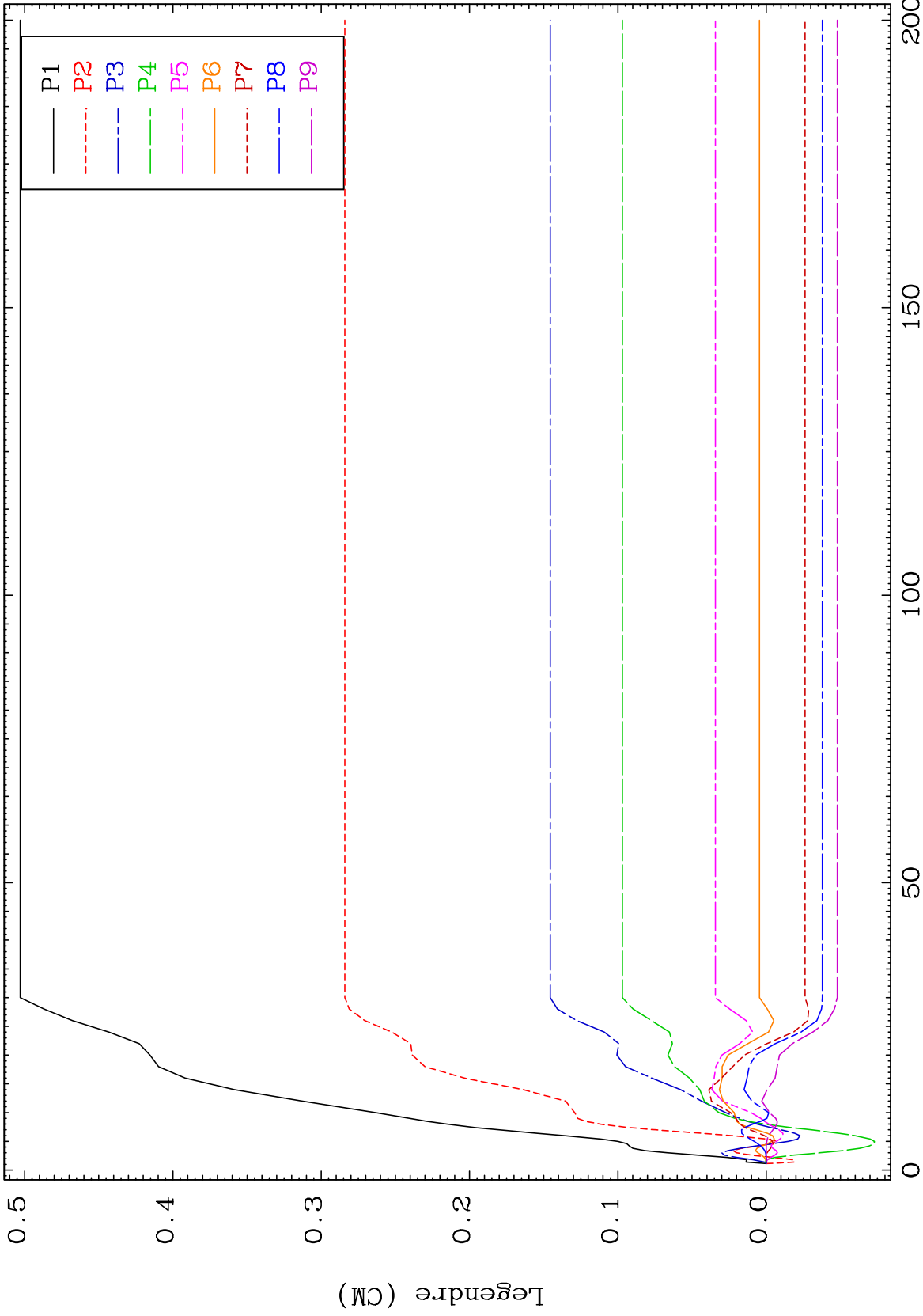
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



79

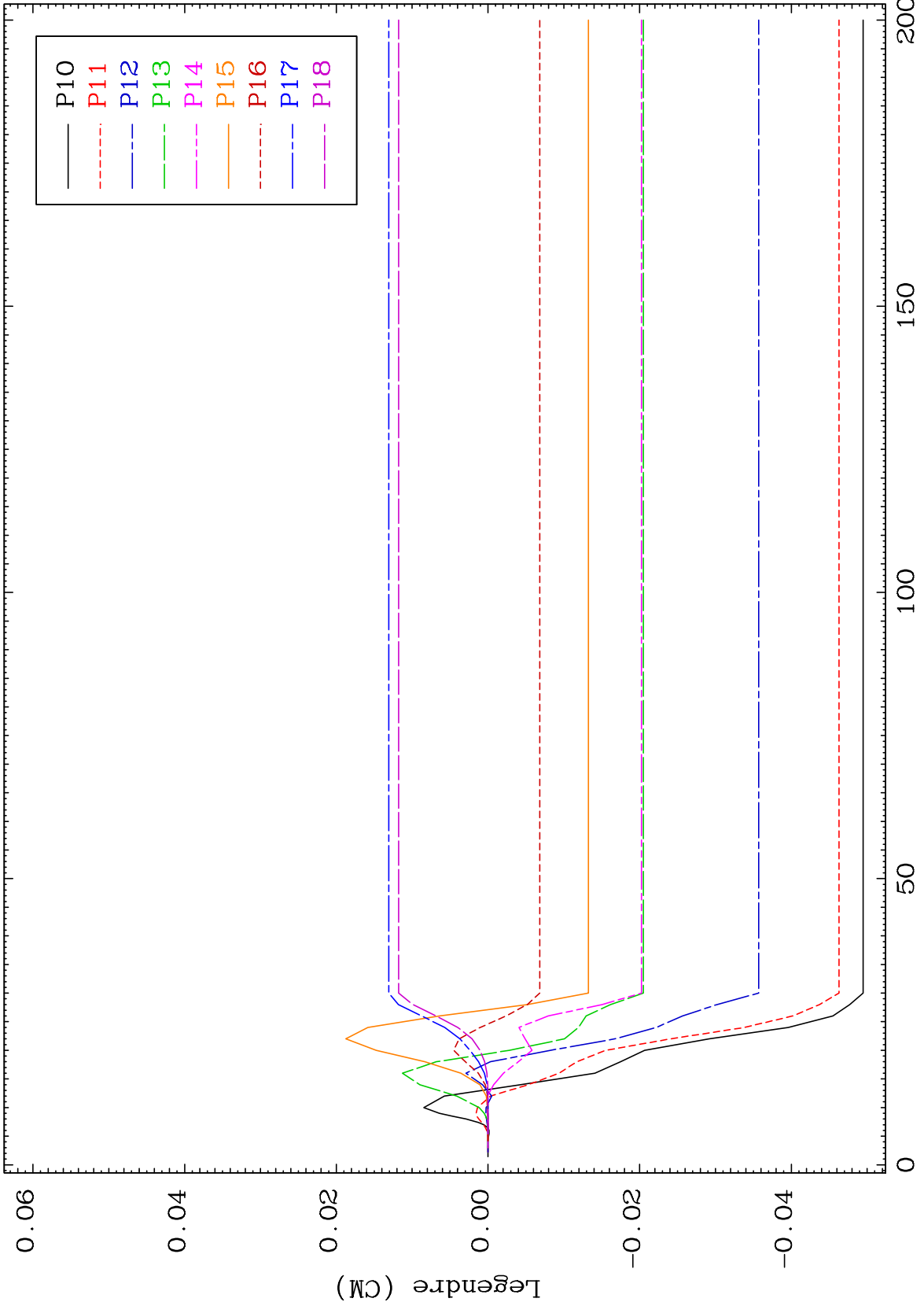
Incident Energy (MeV)

53-I -127

MAT 5325

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

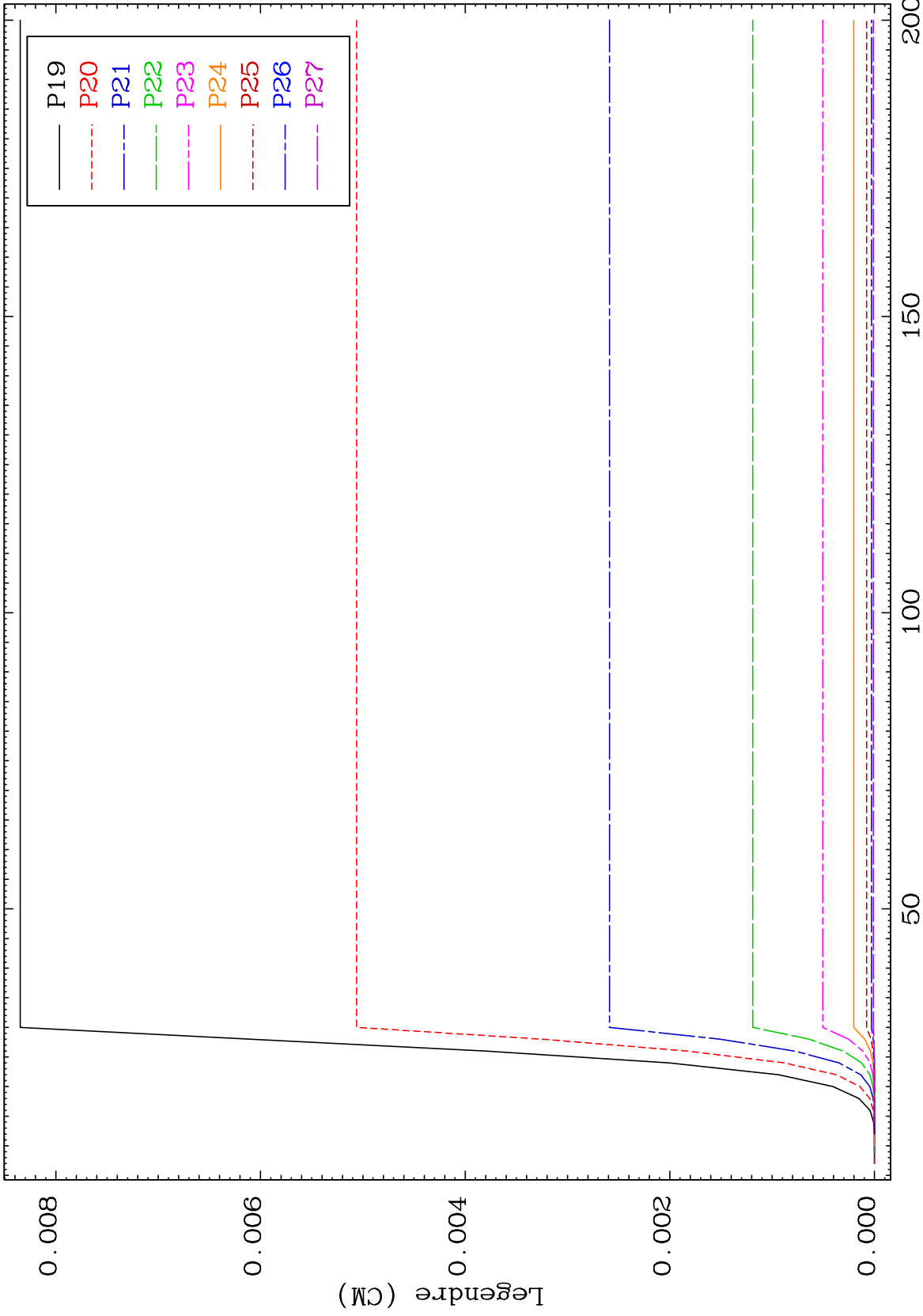
53-I -127

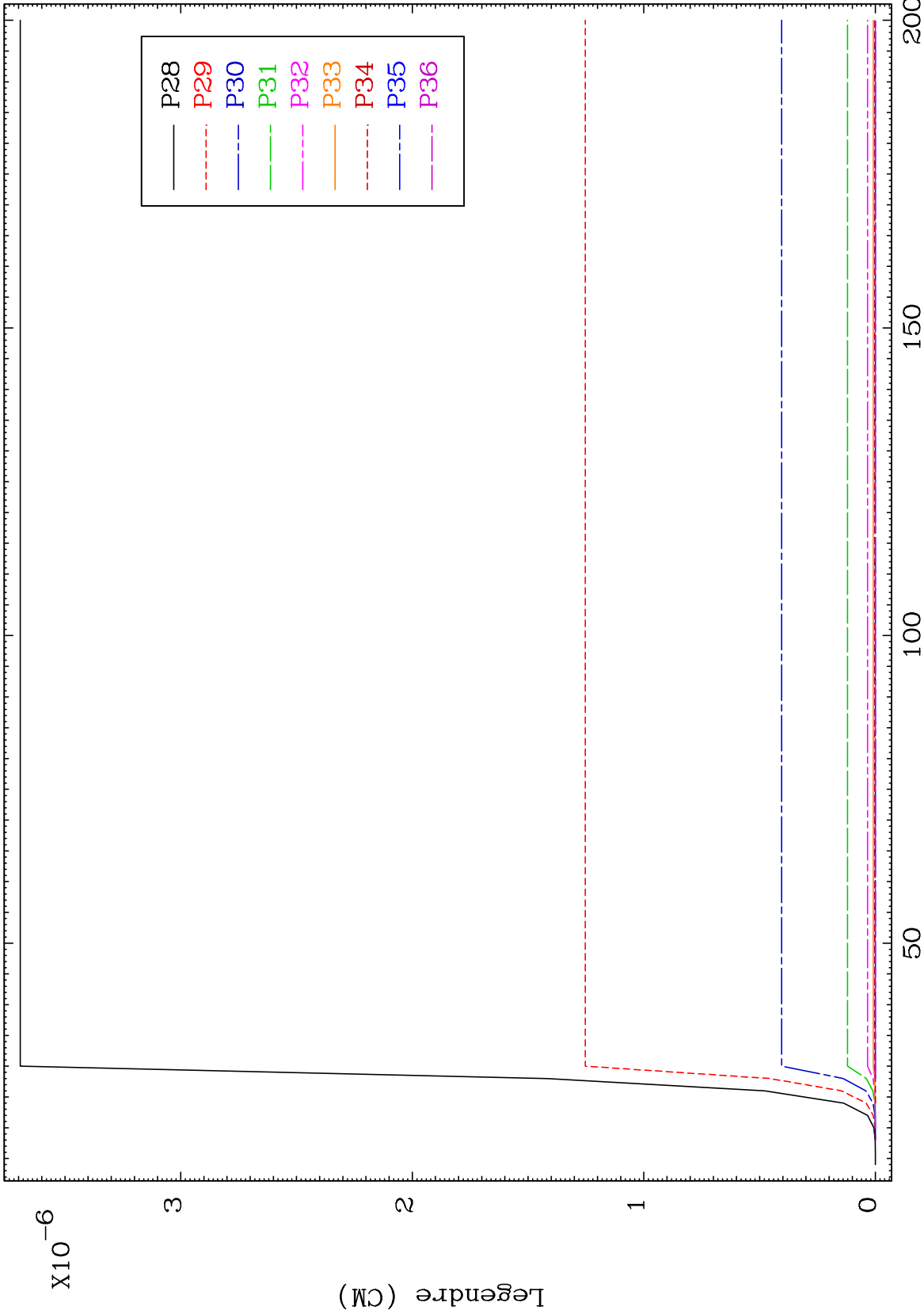


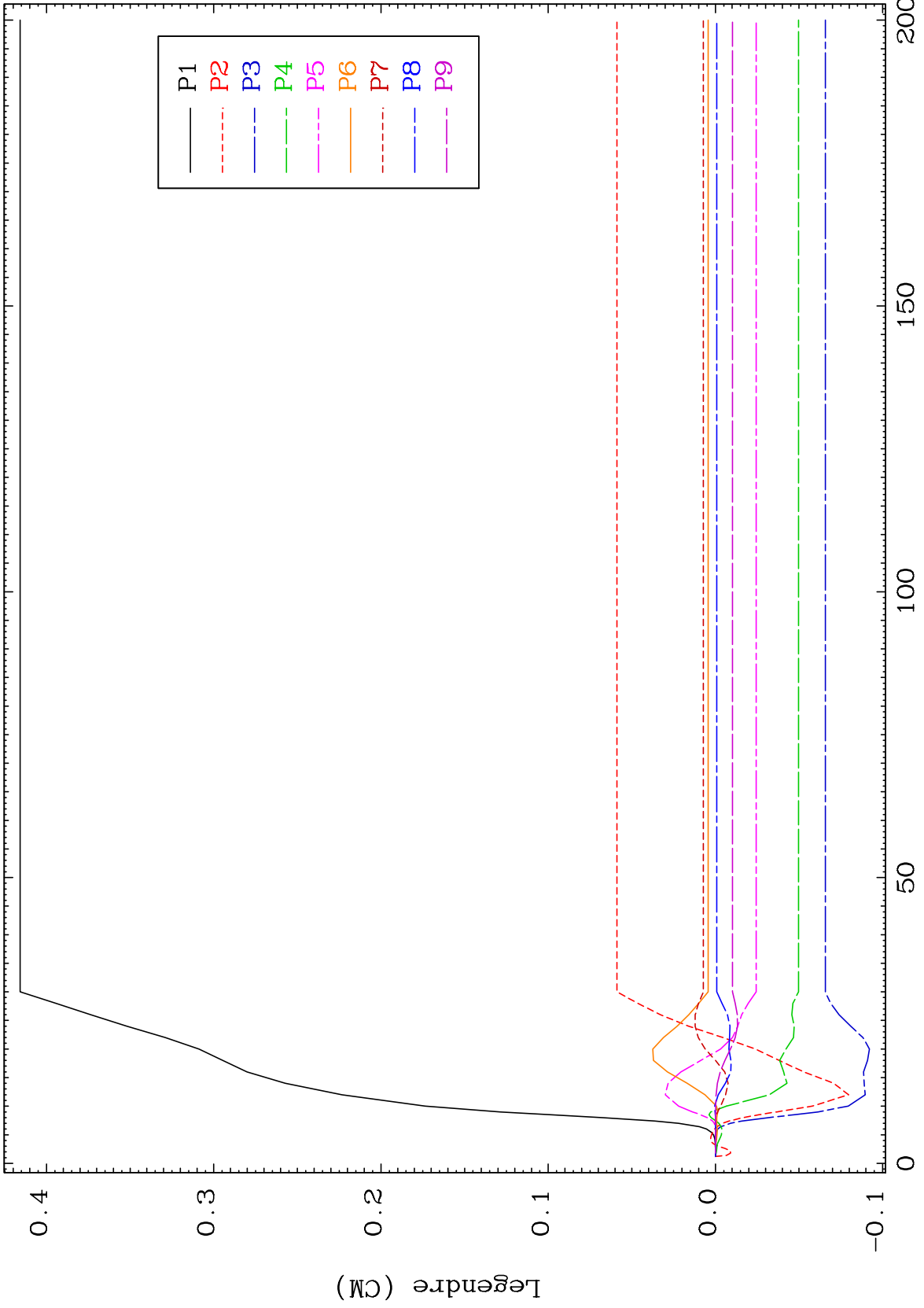
80

Incident Energy (MeV)

53-I -127



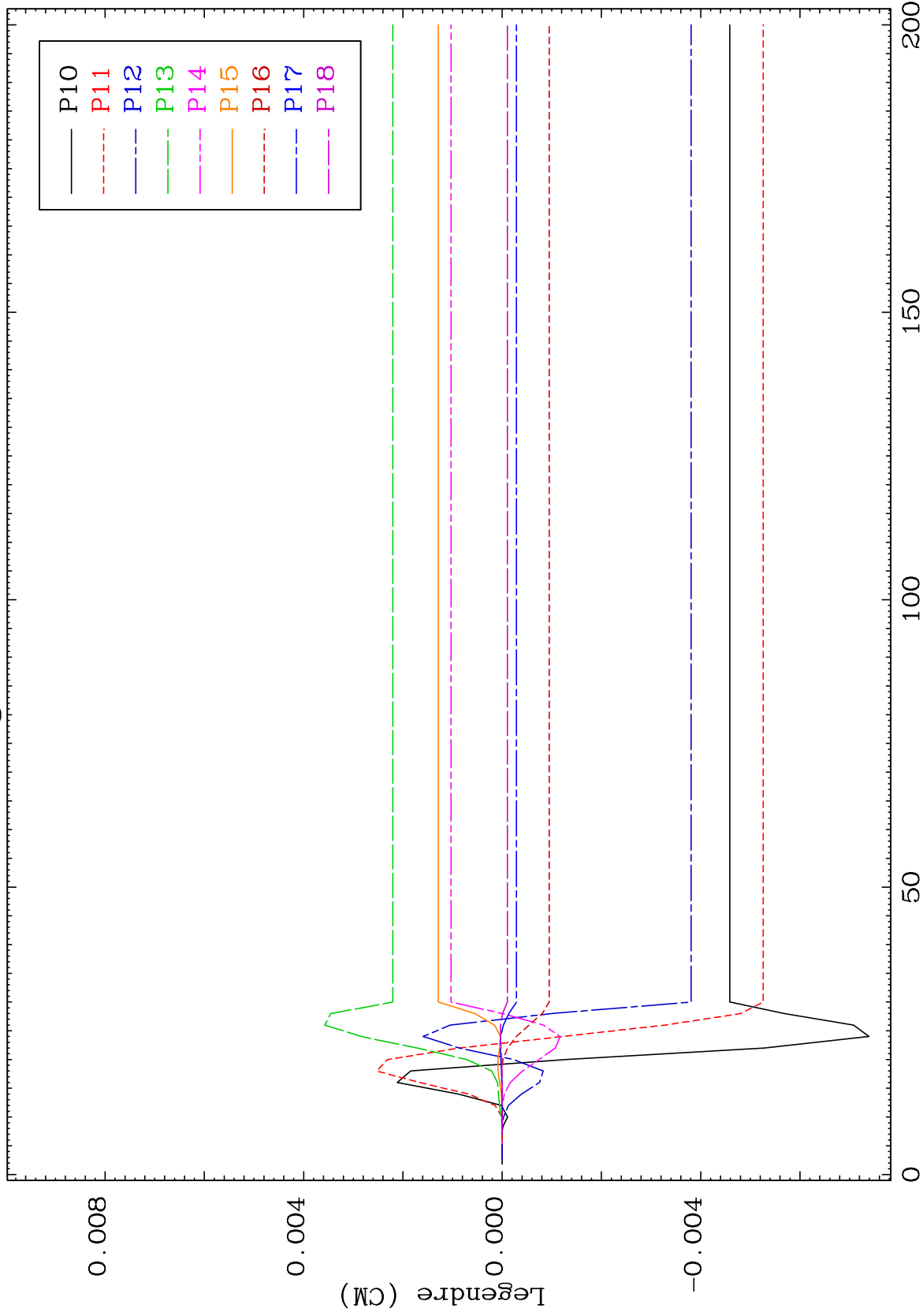




MAT 5325

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

53-I -127



84

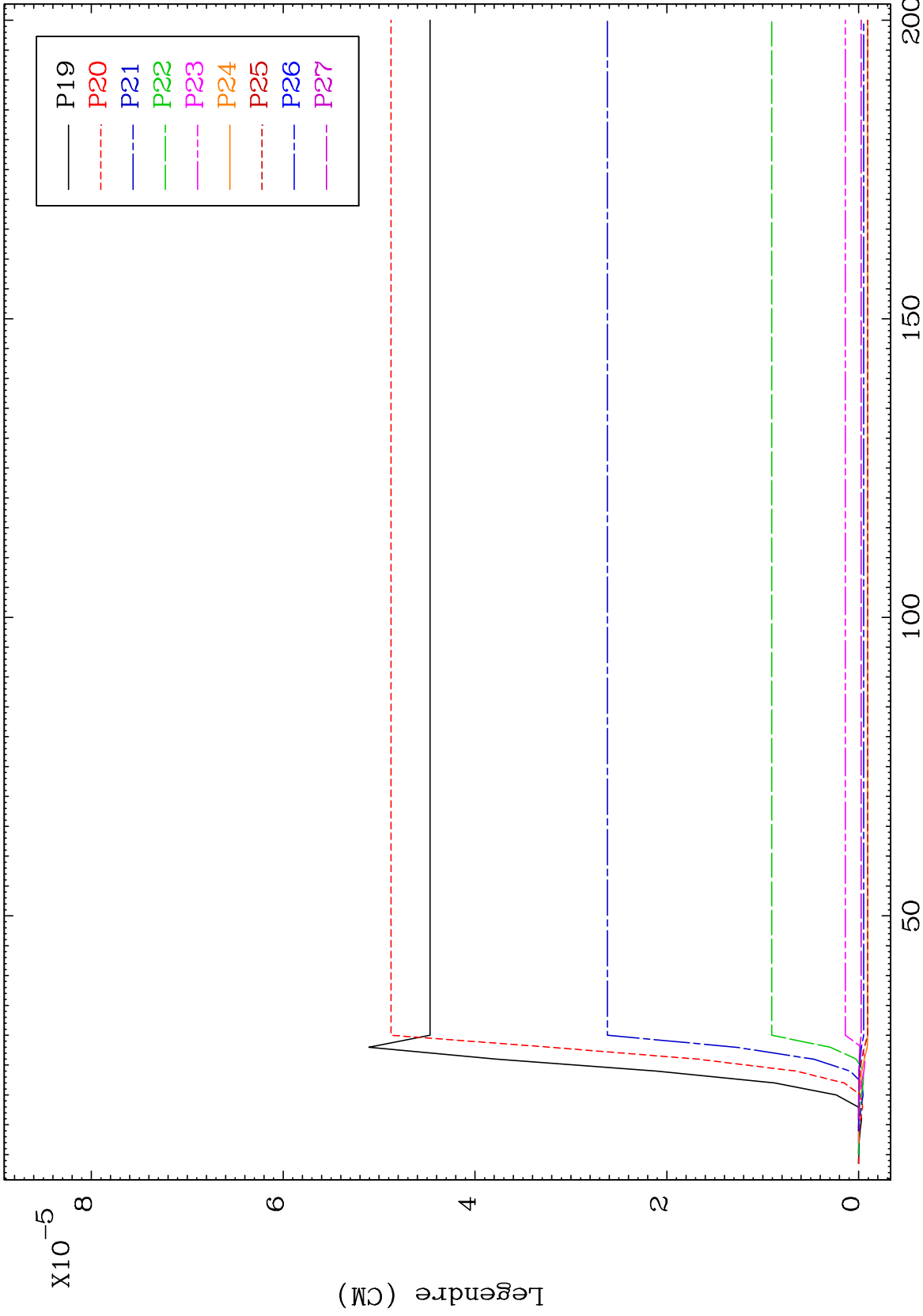
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



85

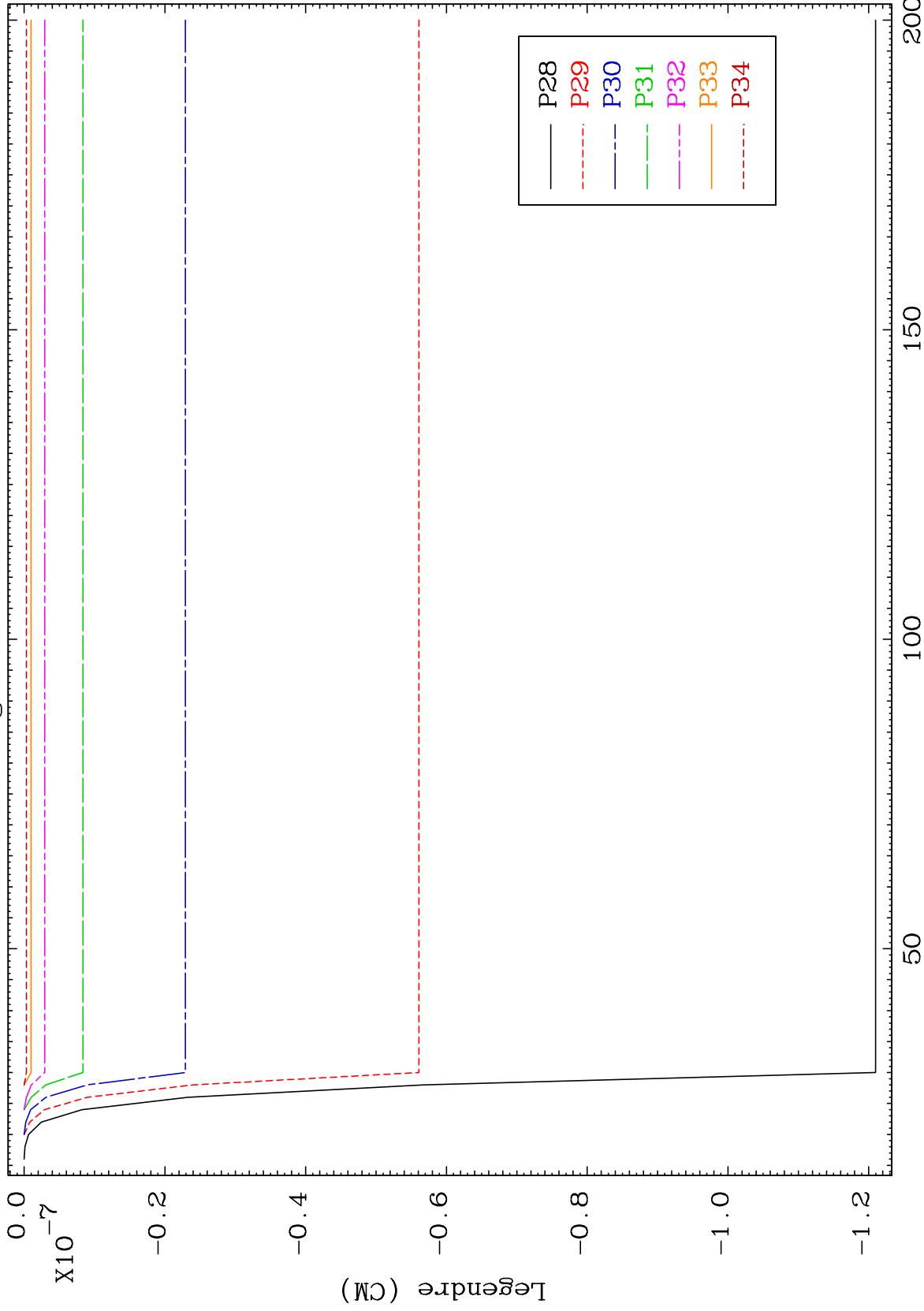
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



86

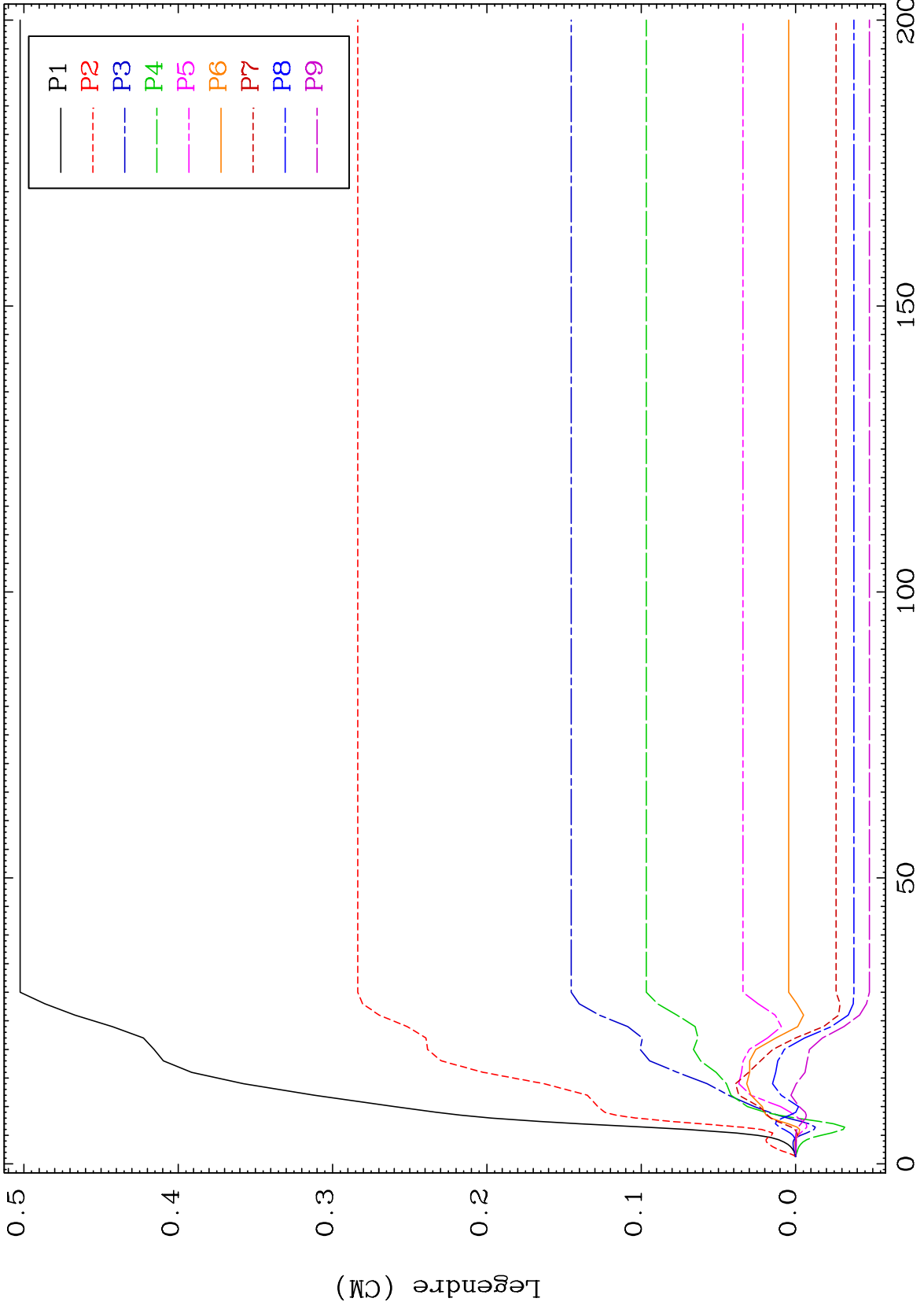
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



87

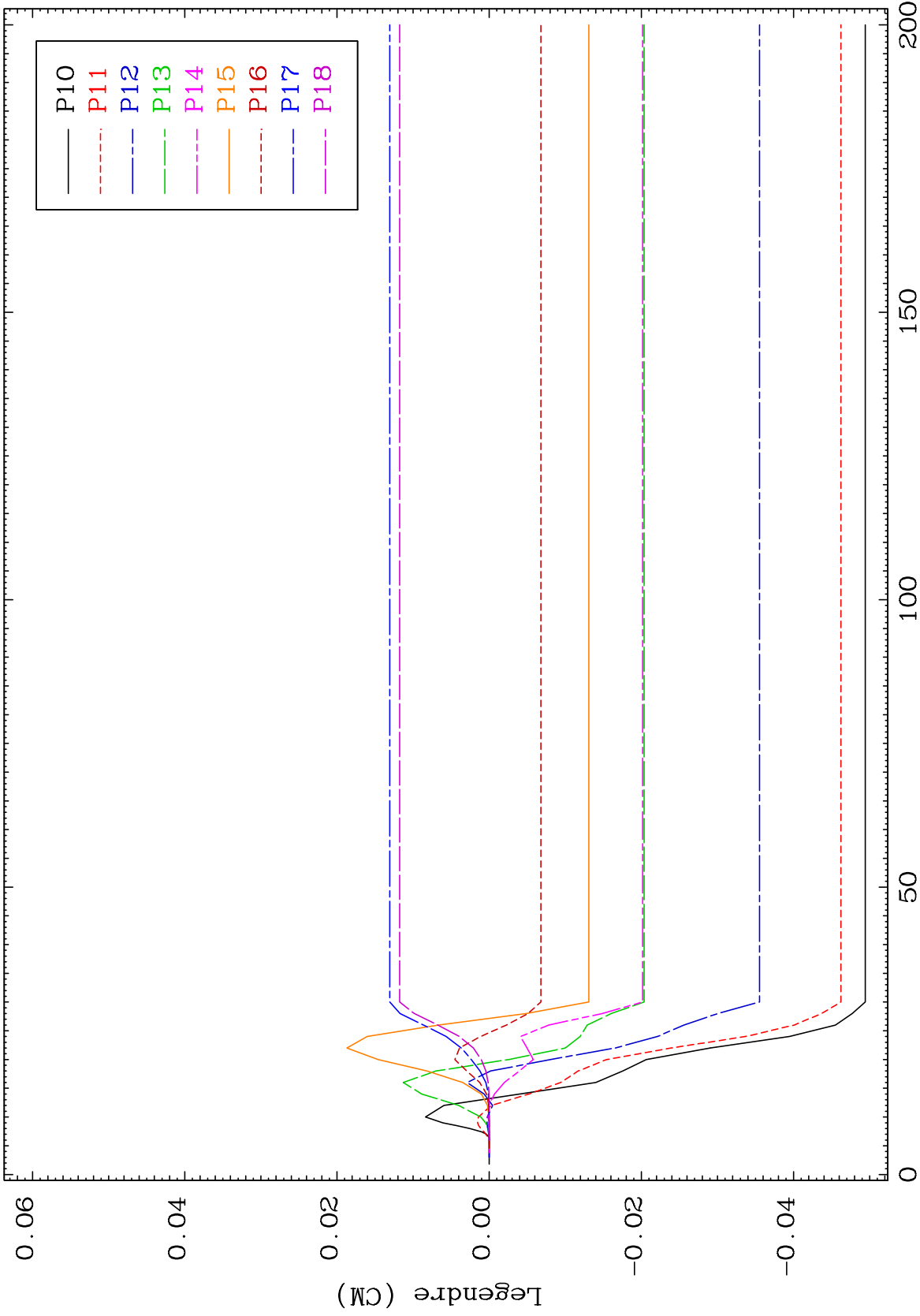
Incident Energy (MeV)

53-I -127

MAT 5325

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

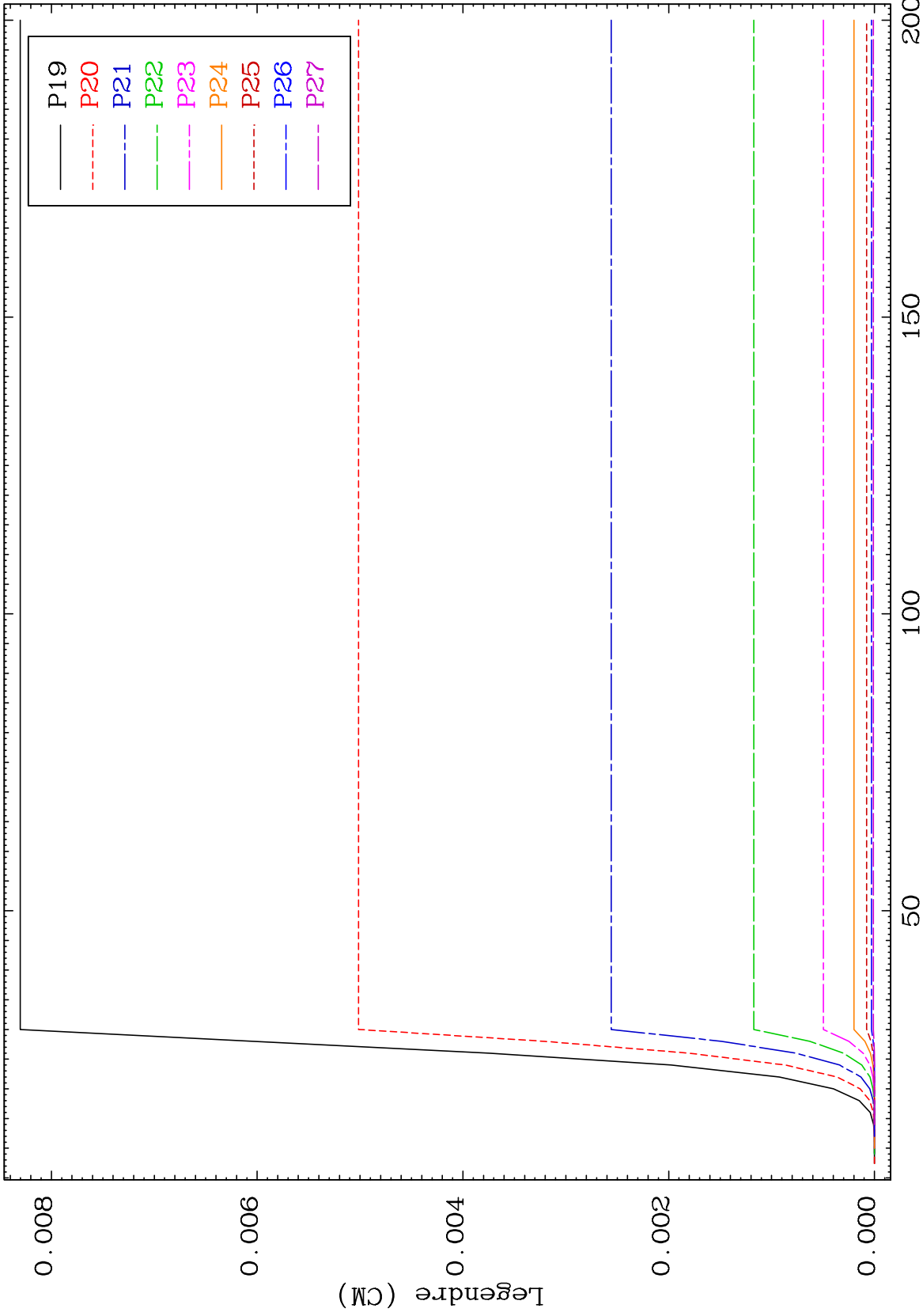
53-I -127



88

Incident Energy (MeV)

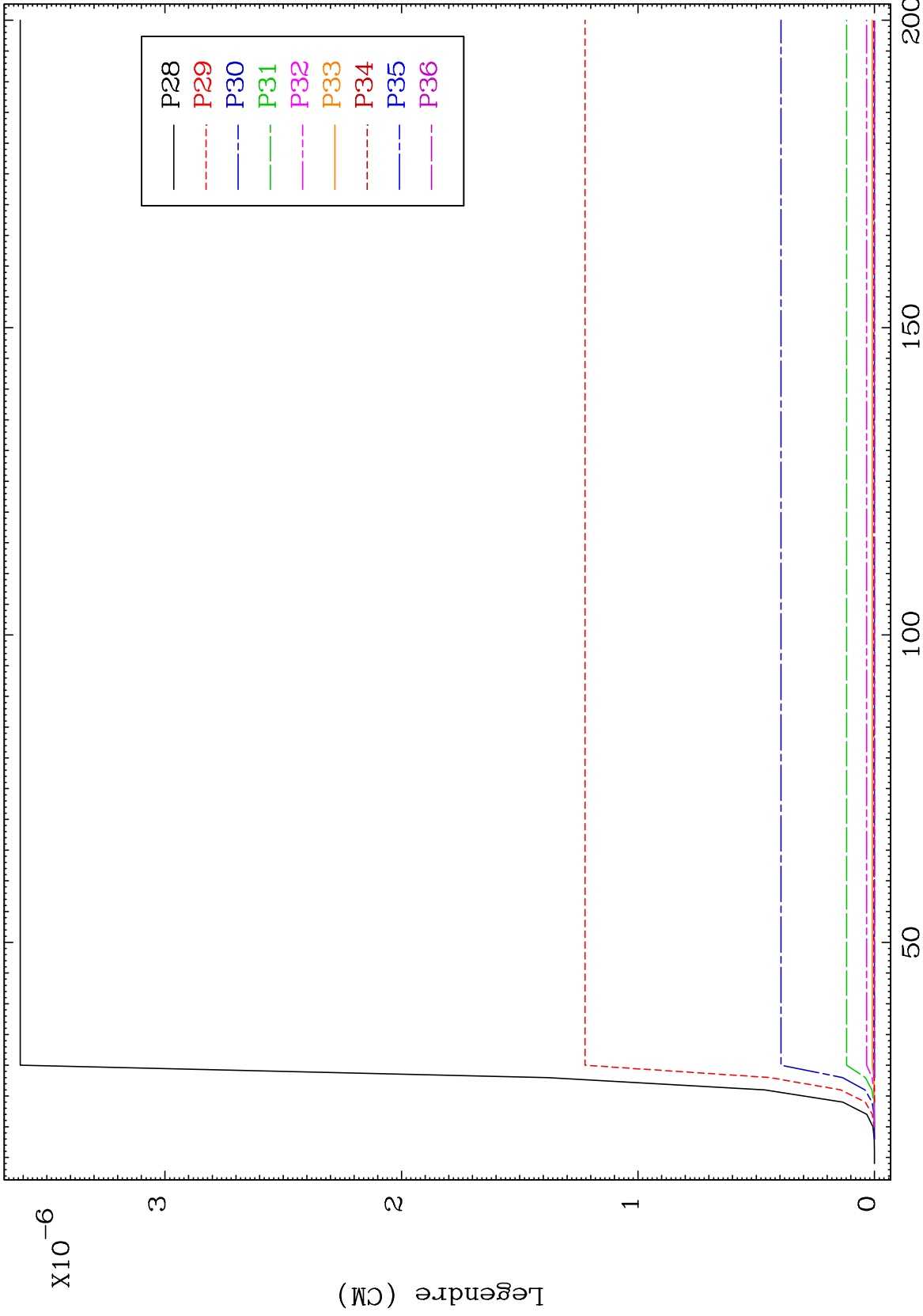
53-I -127



MAT 5325

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

53-I -127



90

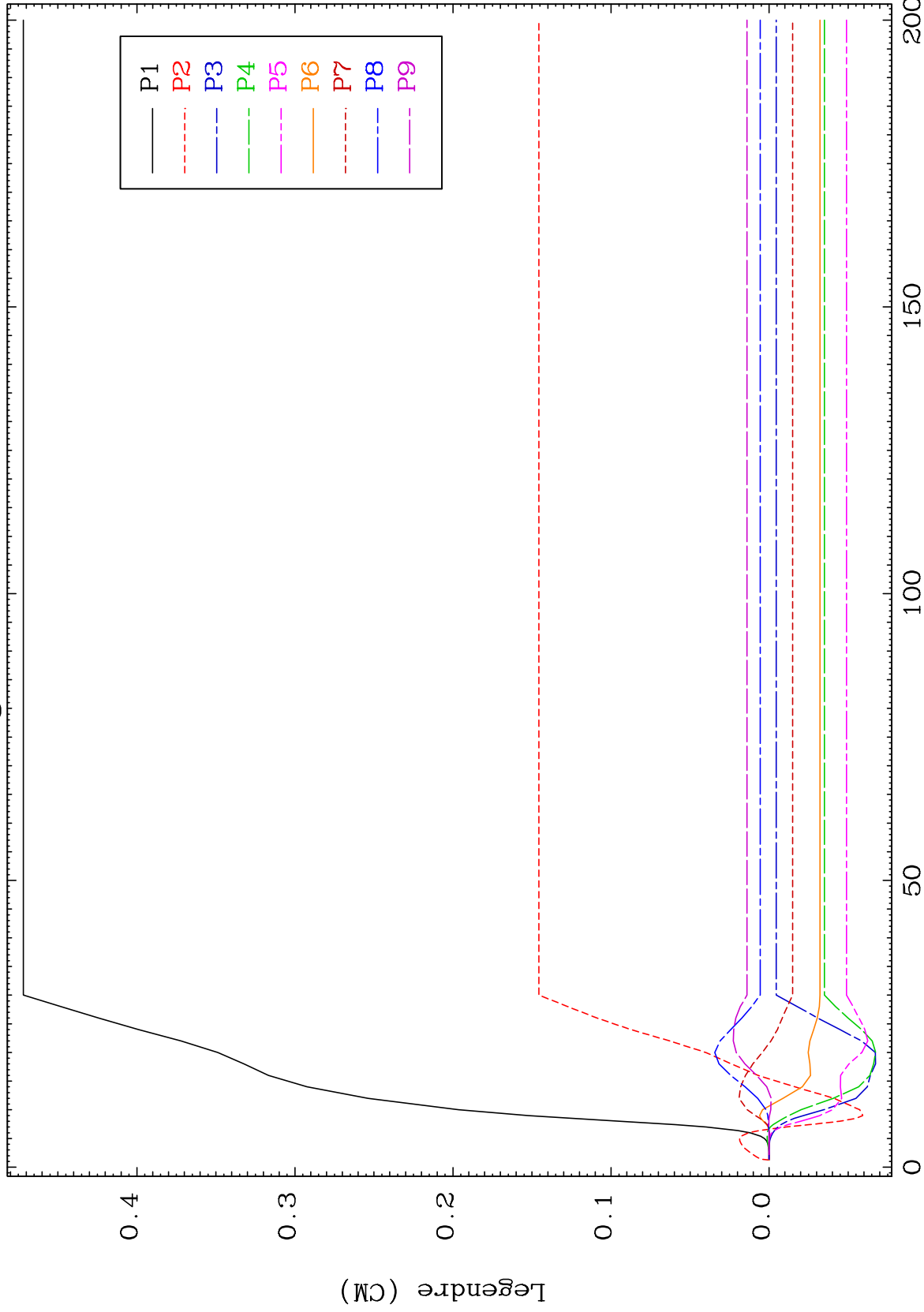
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



91

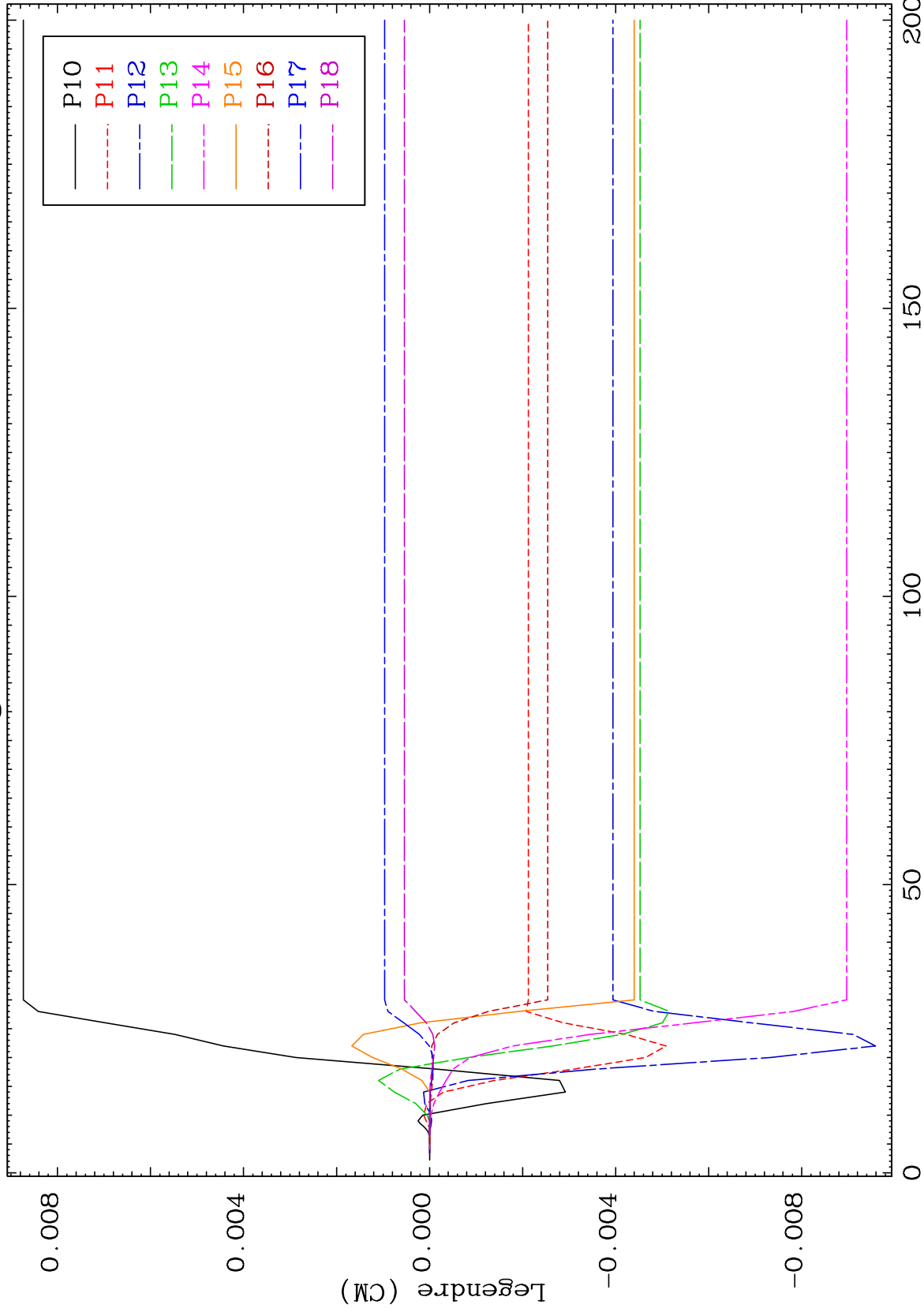
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



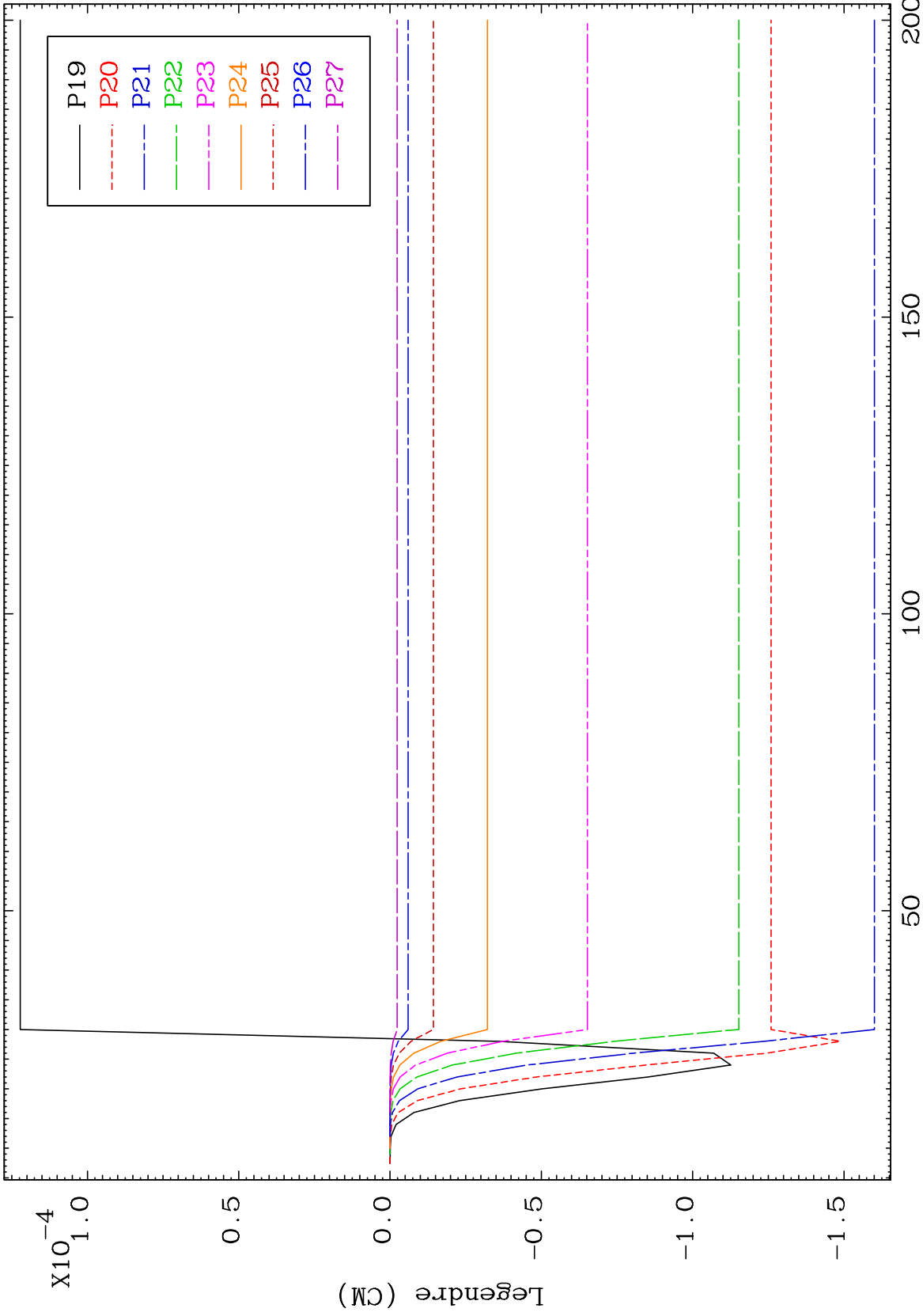
92

53-I -127

MAT 5325

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

53-I -127



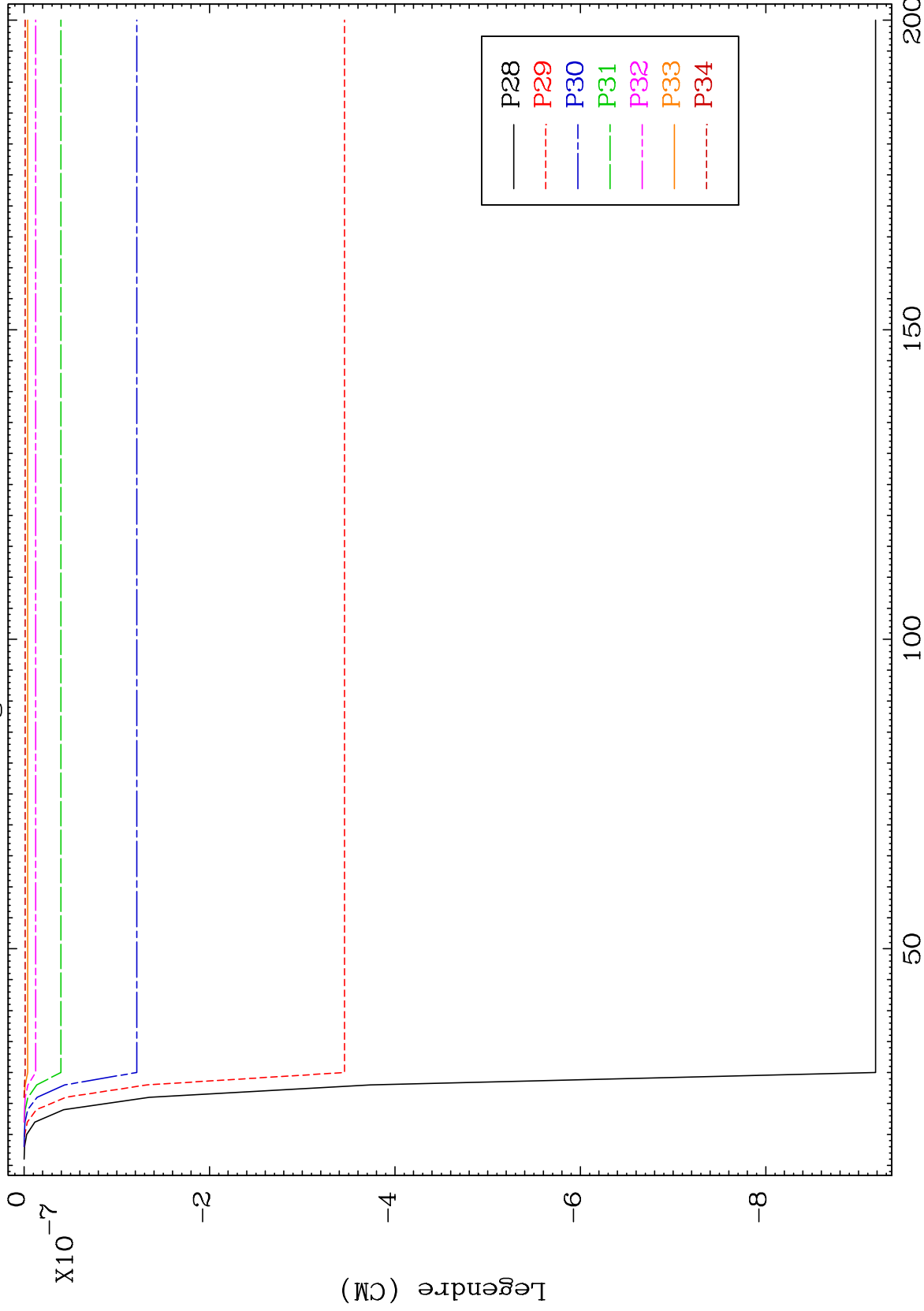
93

53-I -127

MAT 5325

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

53-I -127



94

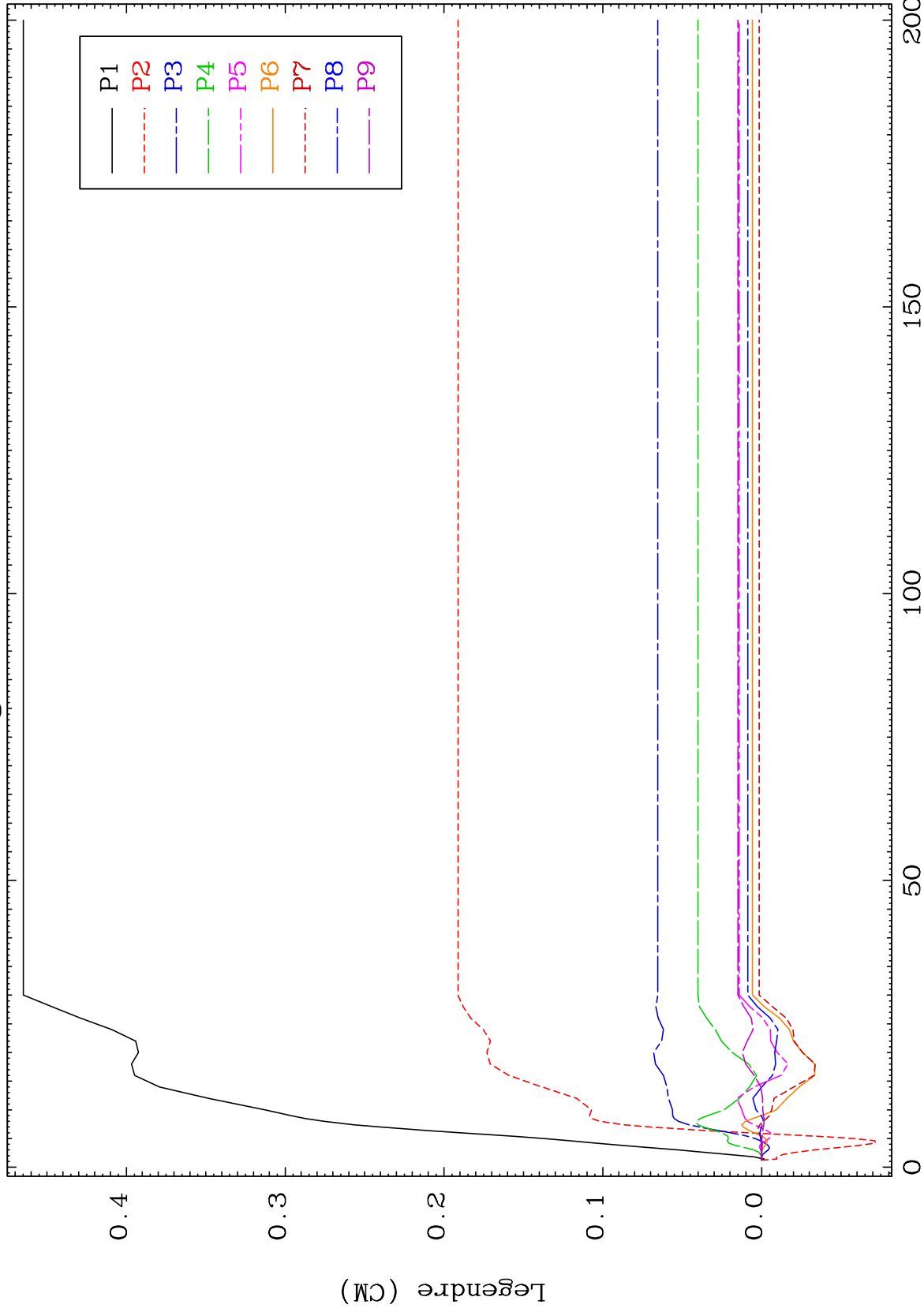
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



95

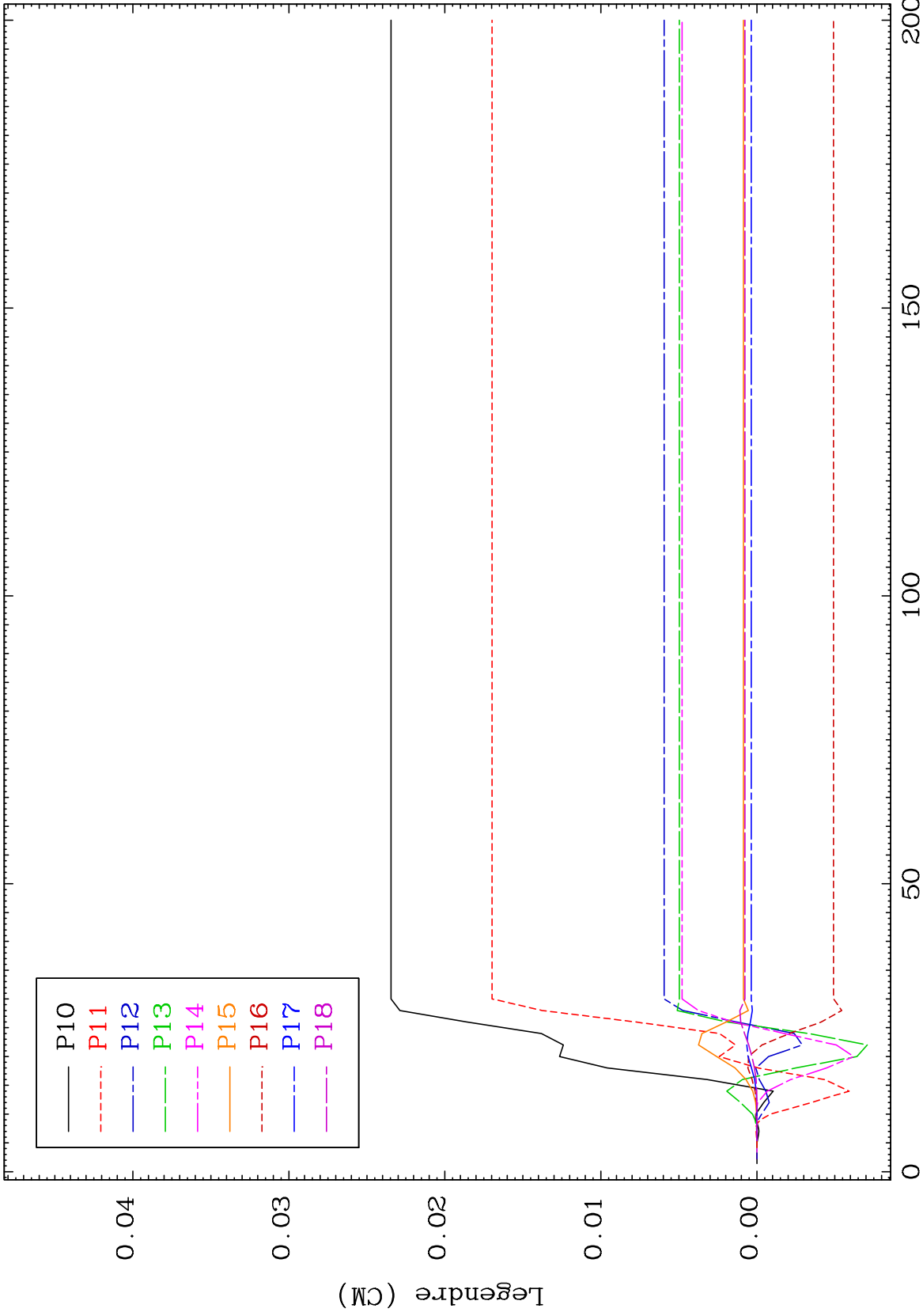
Incident Energy (MeV)

53-I -127

MAT 5325

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

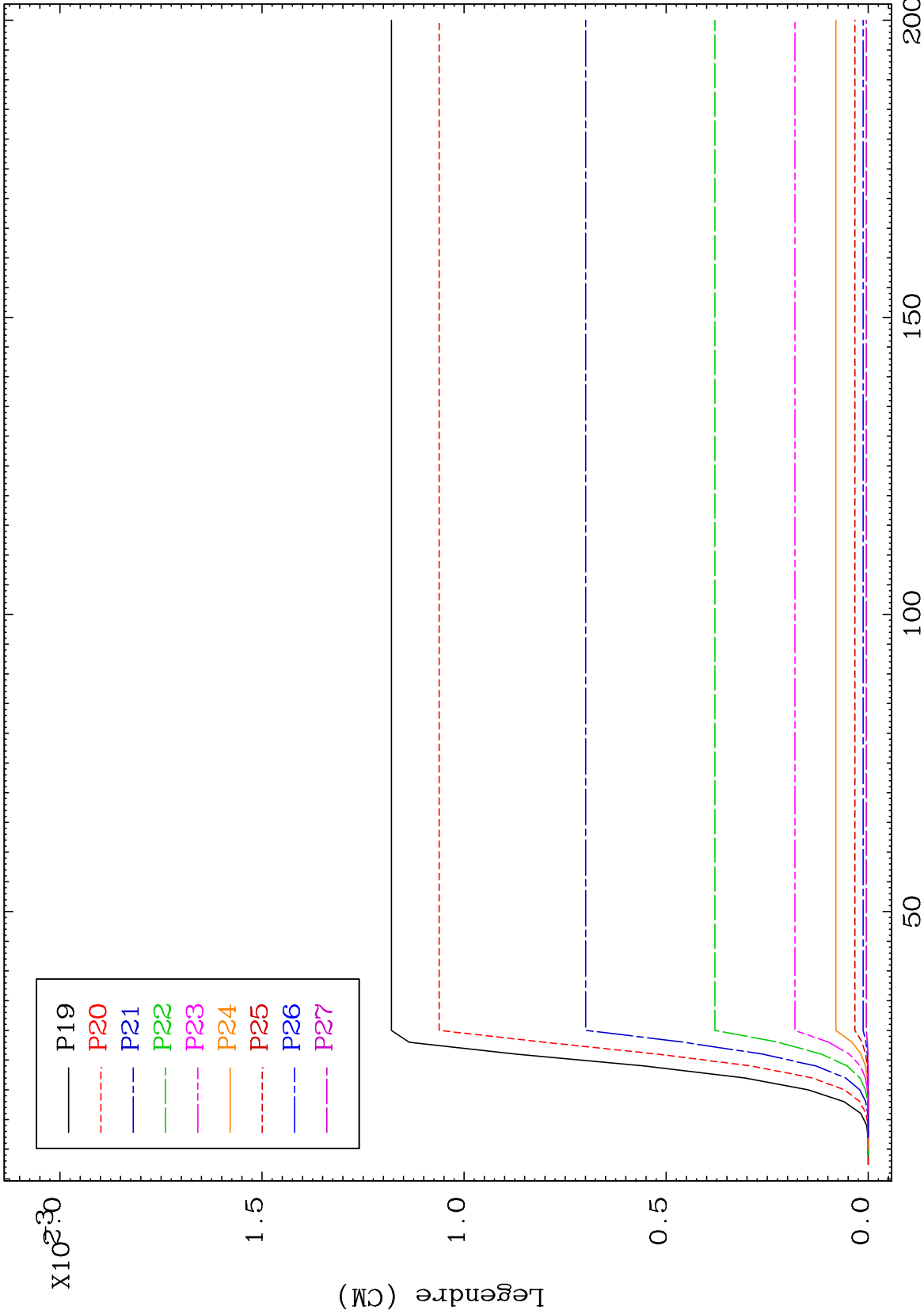
53-I -127

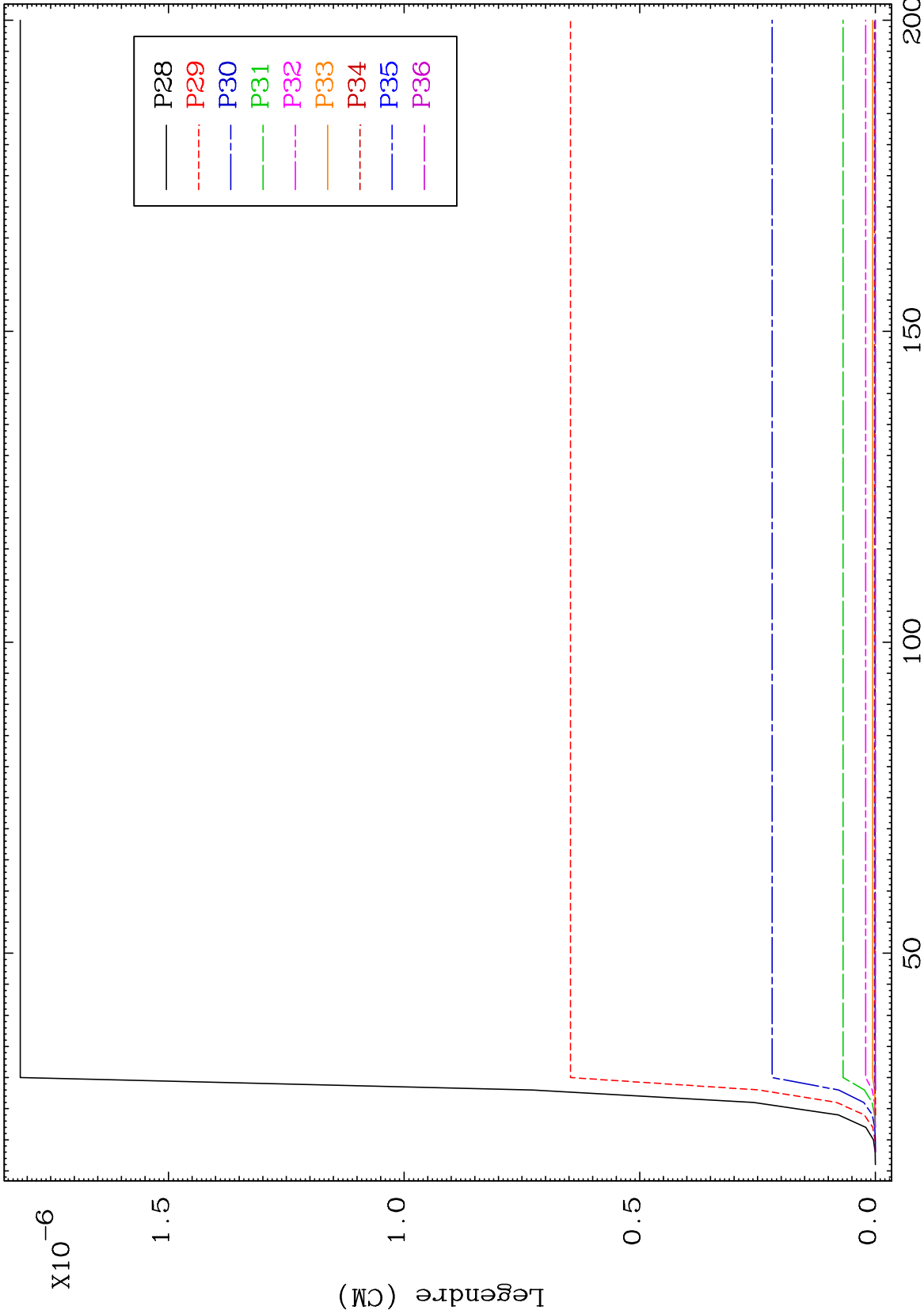


96

Incident Energy (MeV)

53-I -127

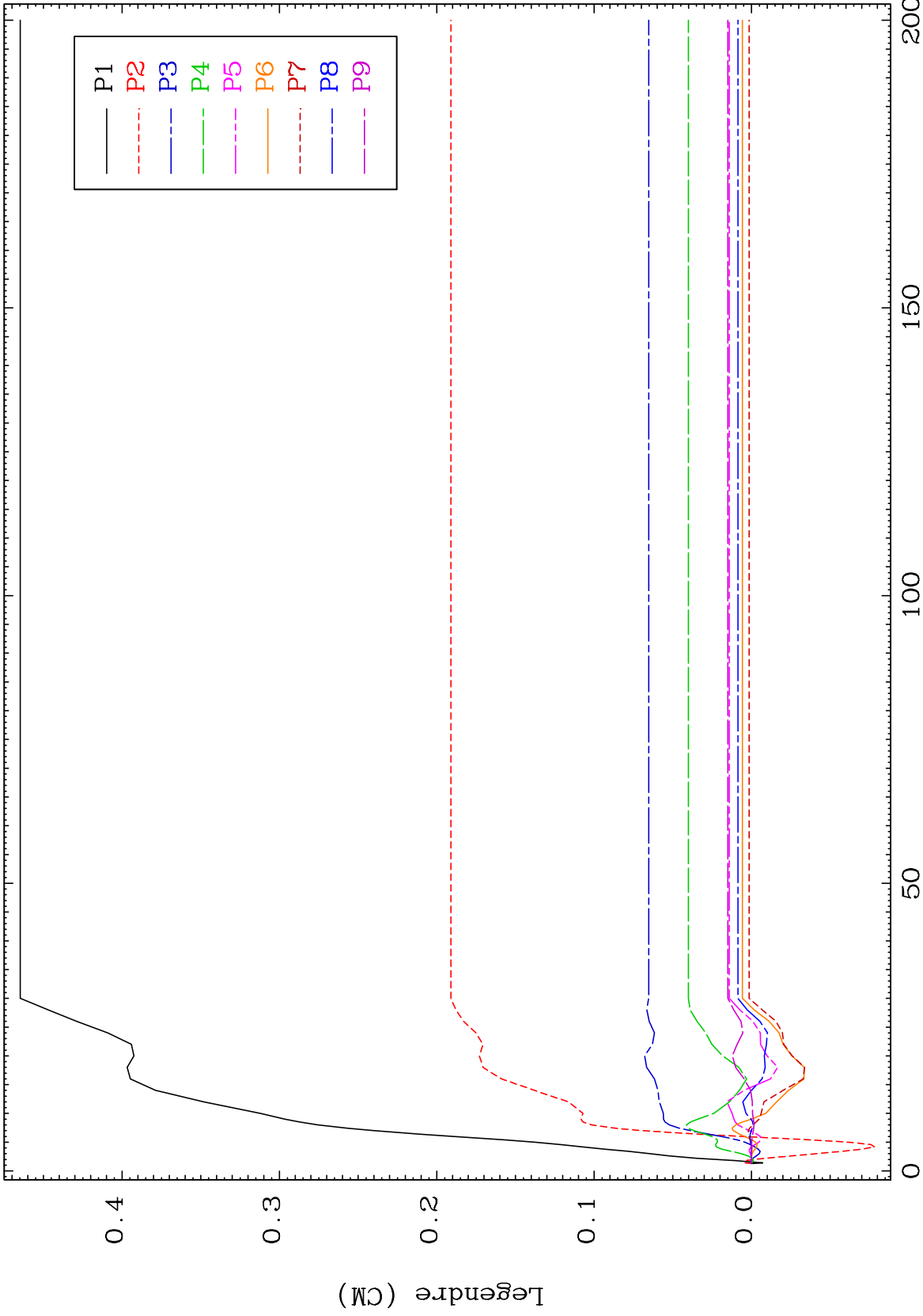




MAT 5325

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

53-I -127



99

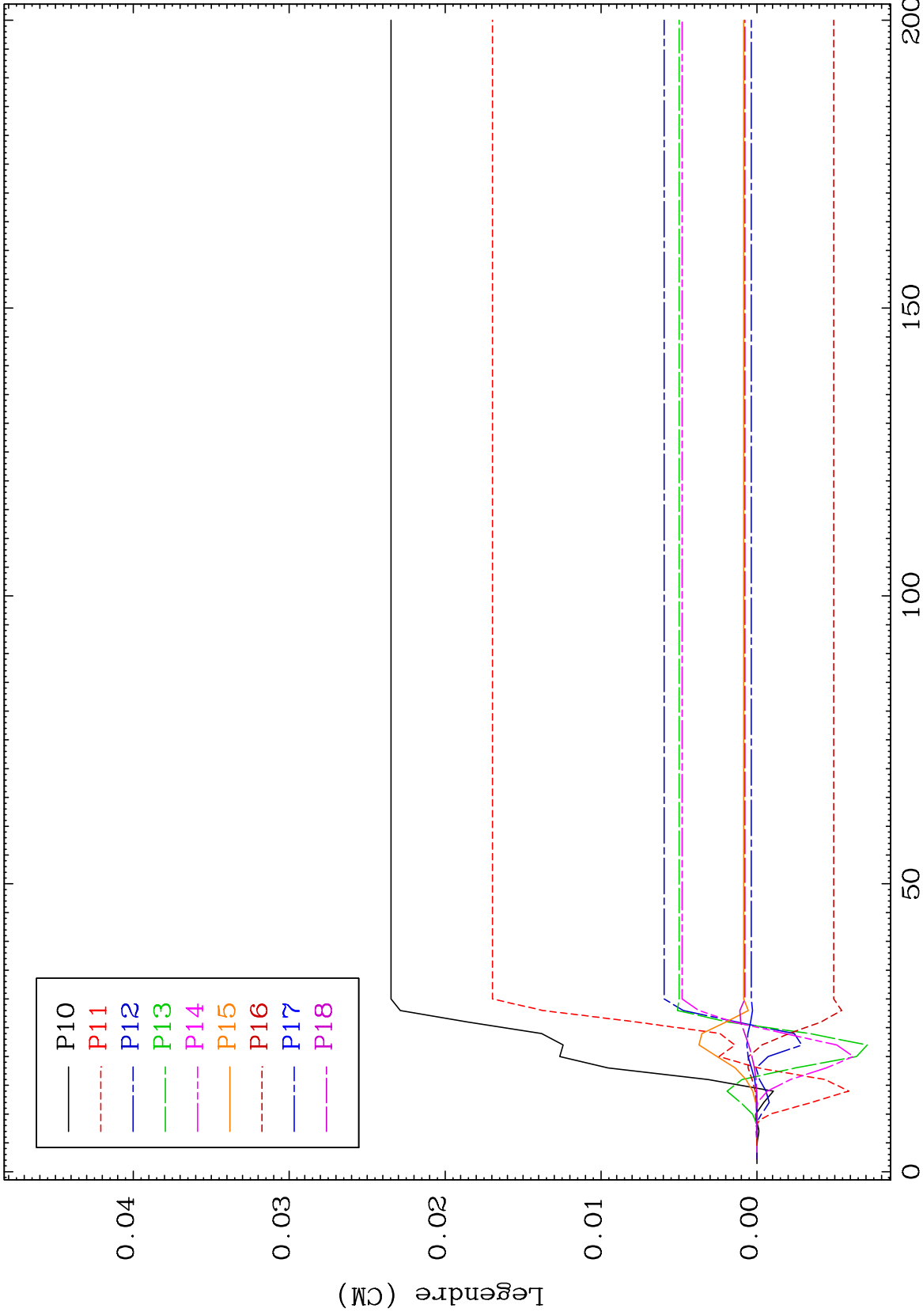
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



100

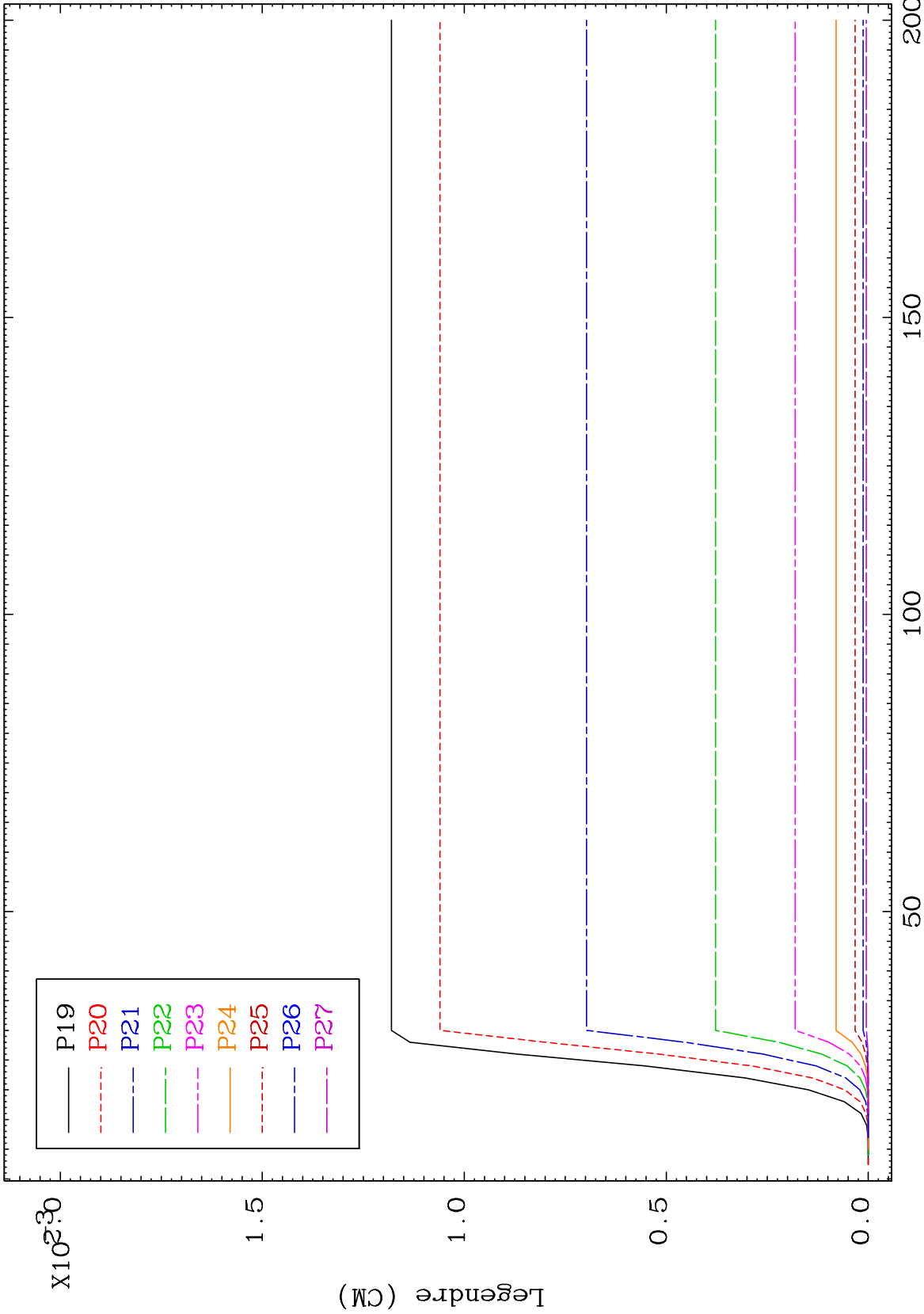
Incident Energy (MeV)

53-I -127

MAT 5325

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

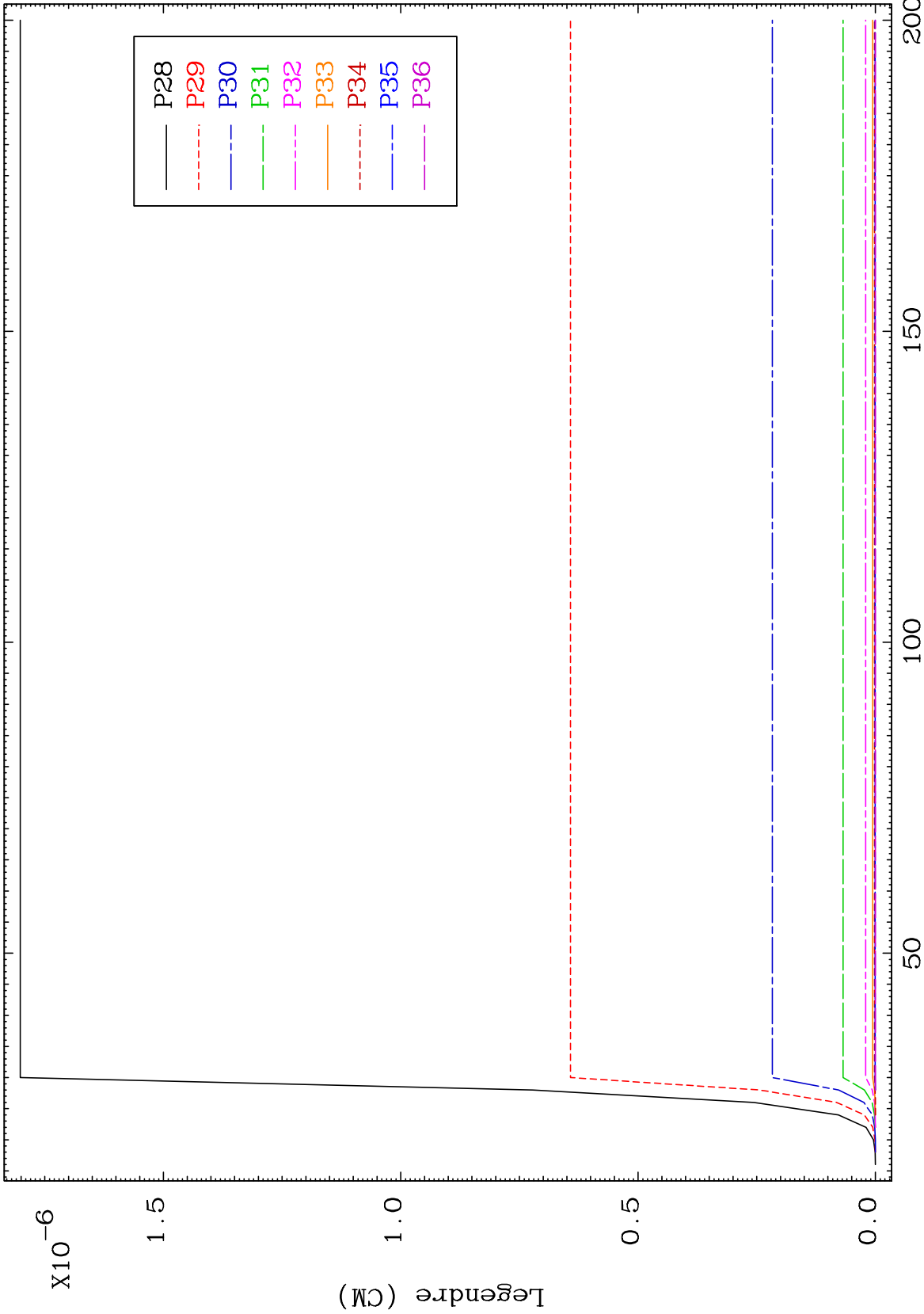
53-I -127



101

Incident Energy (MeV)

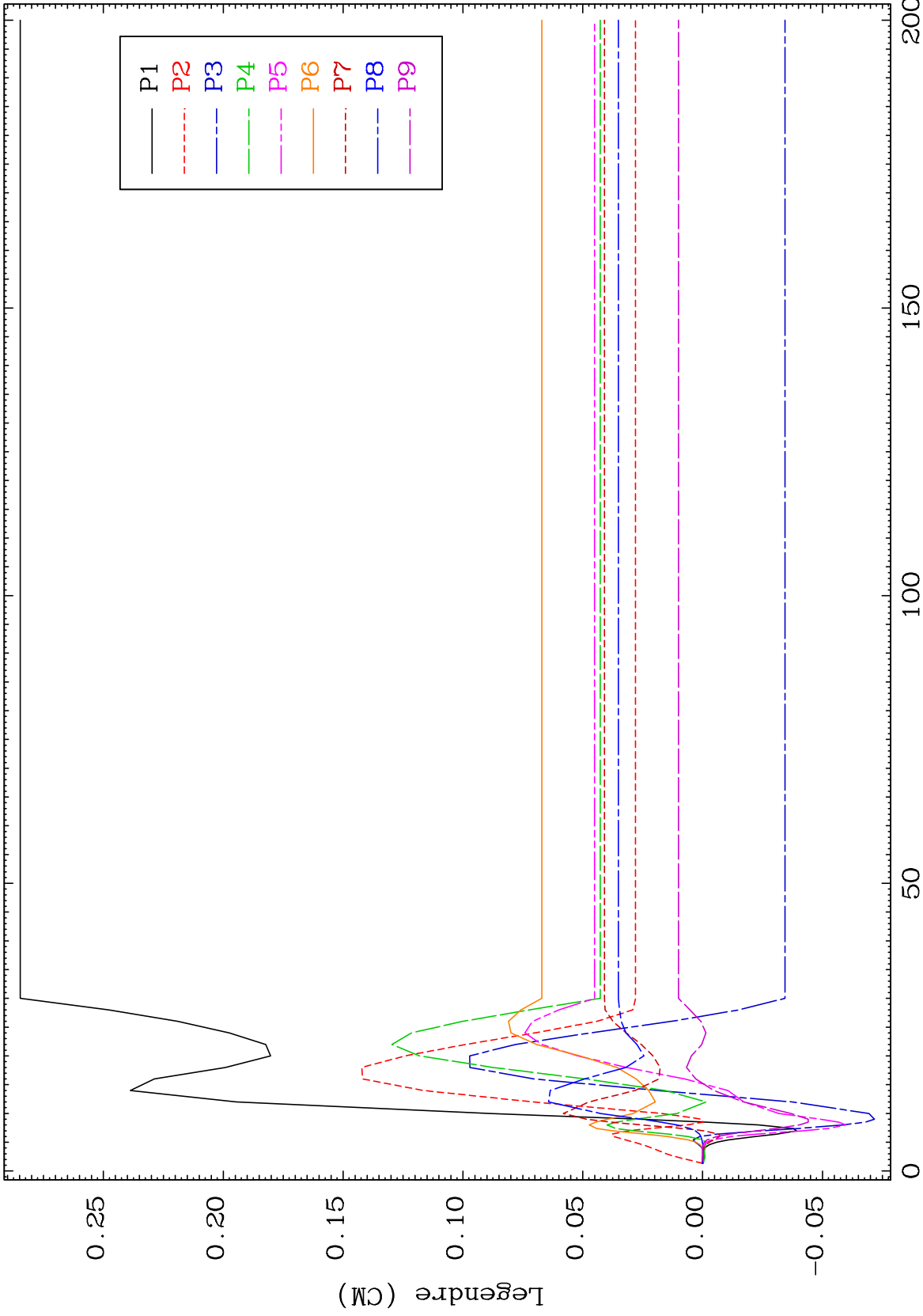
53-I -127



MAT 5325

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

53-I -127



53-I -127

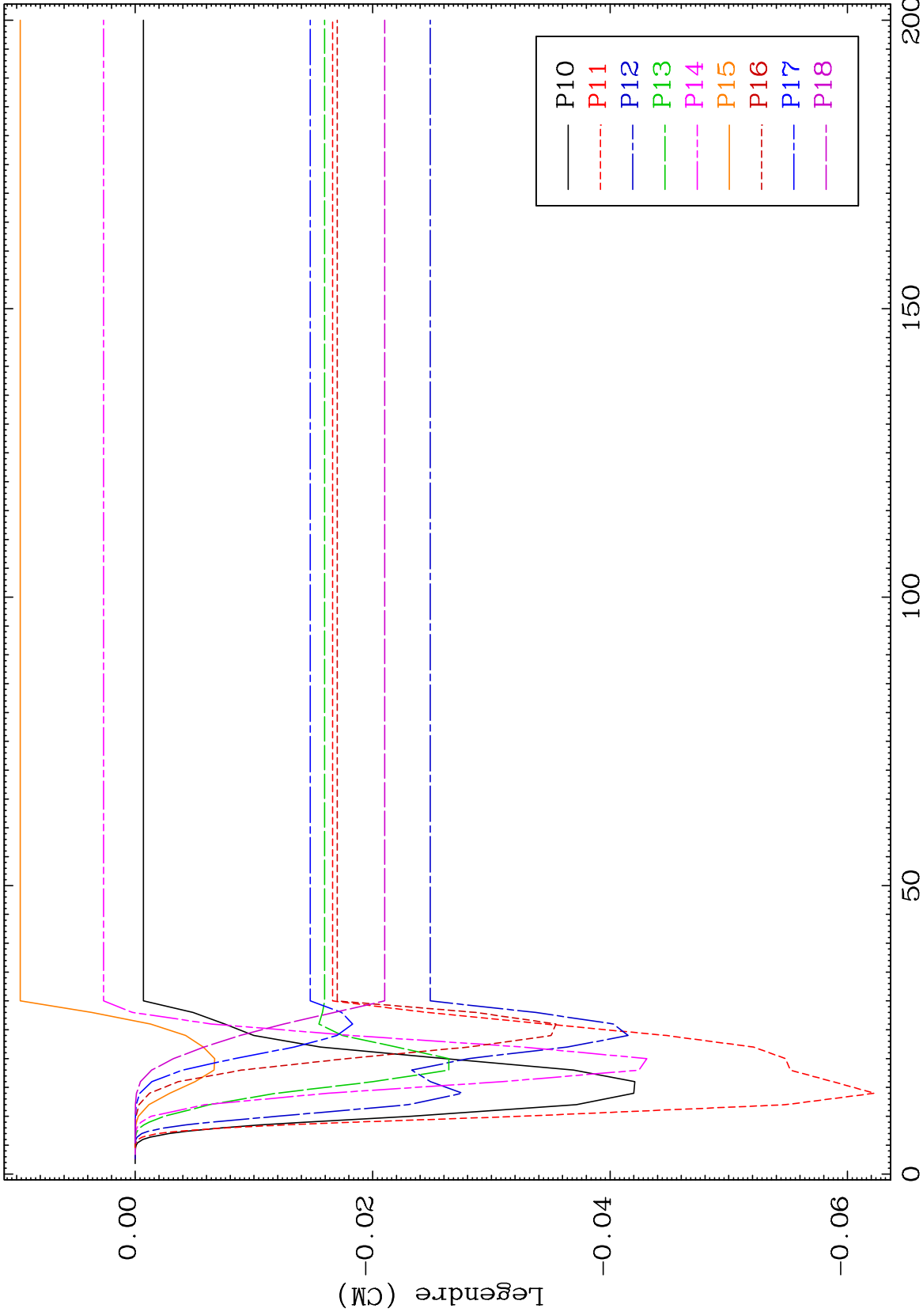
Incident Energy (MeV)

103

MAT 5325

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

53-I -127

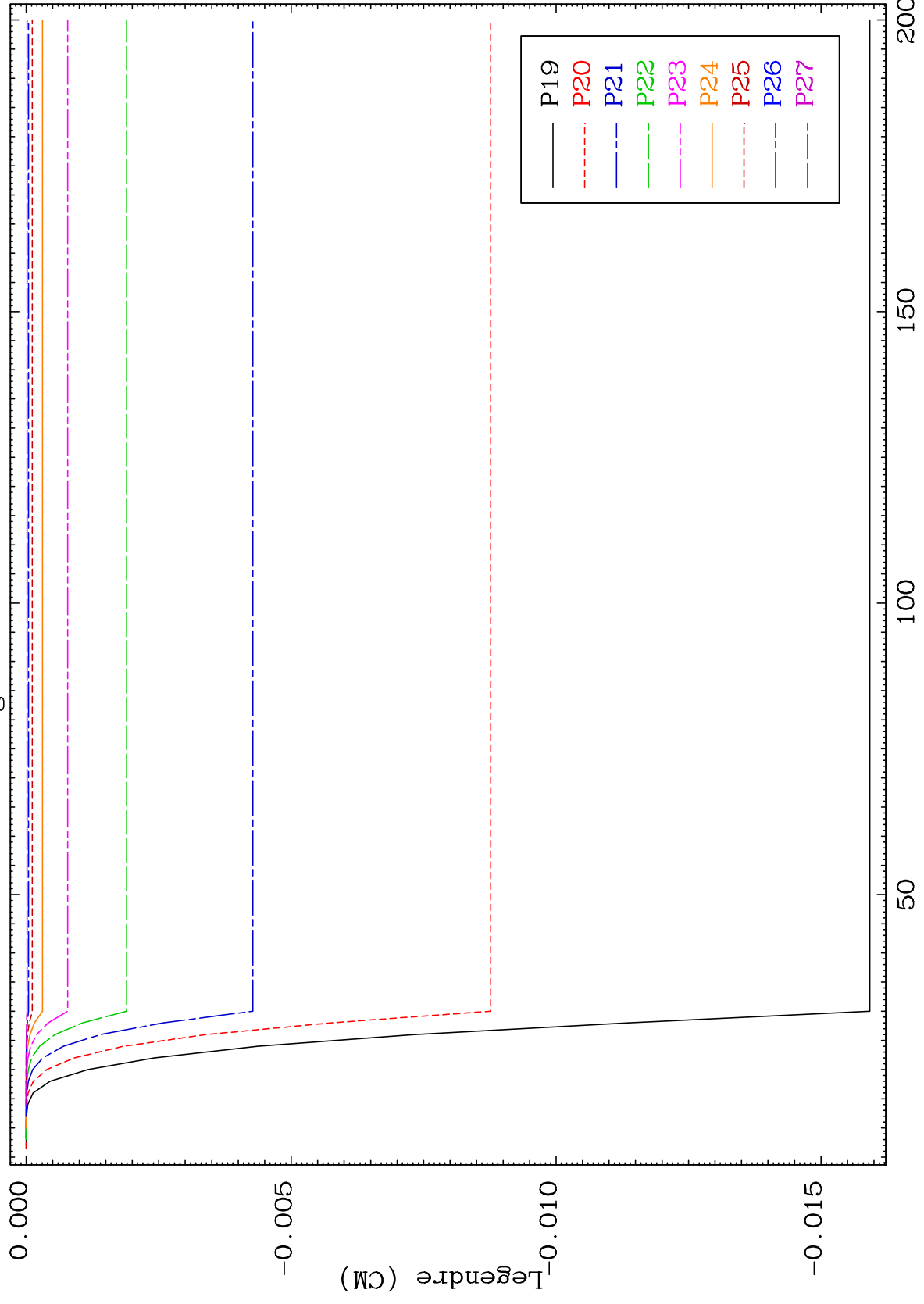


104

Incident Energy (MeV)

53-I -127

MAT 5325 MT= 73 (n,n') Level Legendre Coefficients 53-I -127

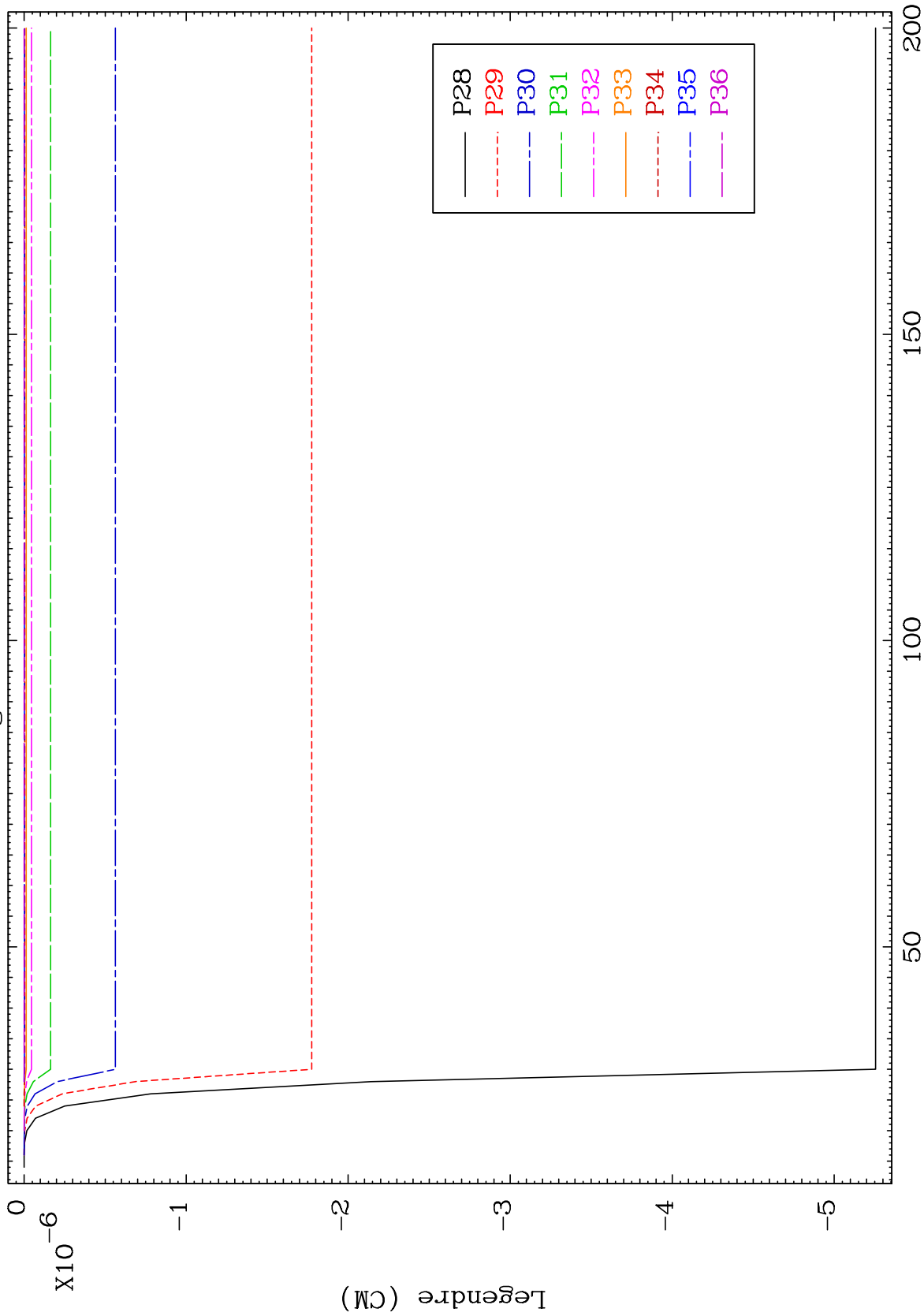


105 Incident Energy (MeV) 53-I -127

MAT 5325

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

53-I -127



106

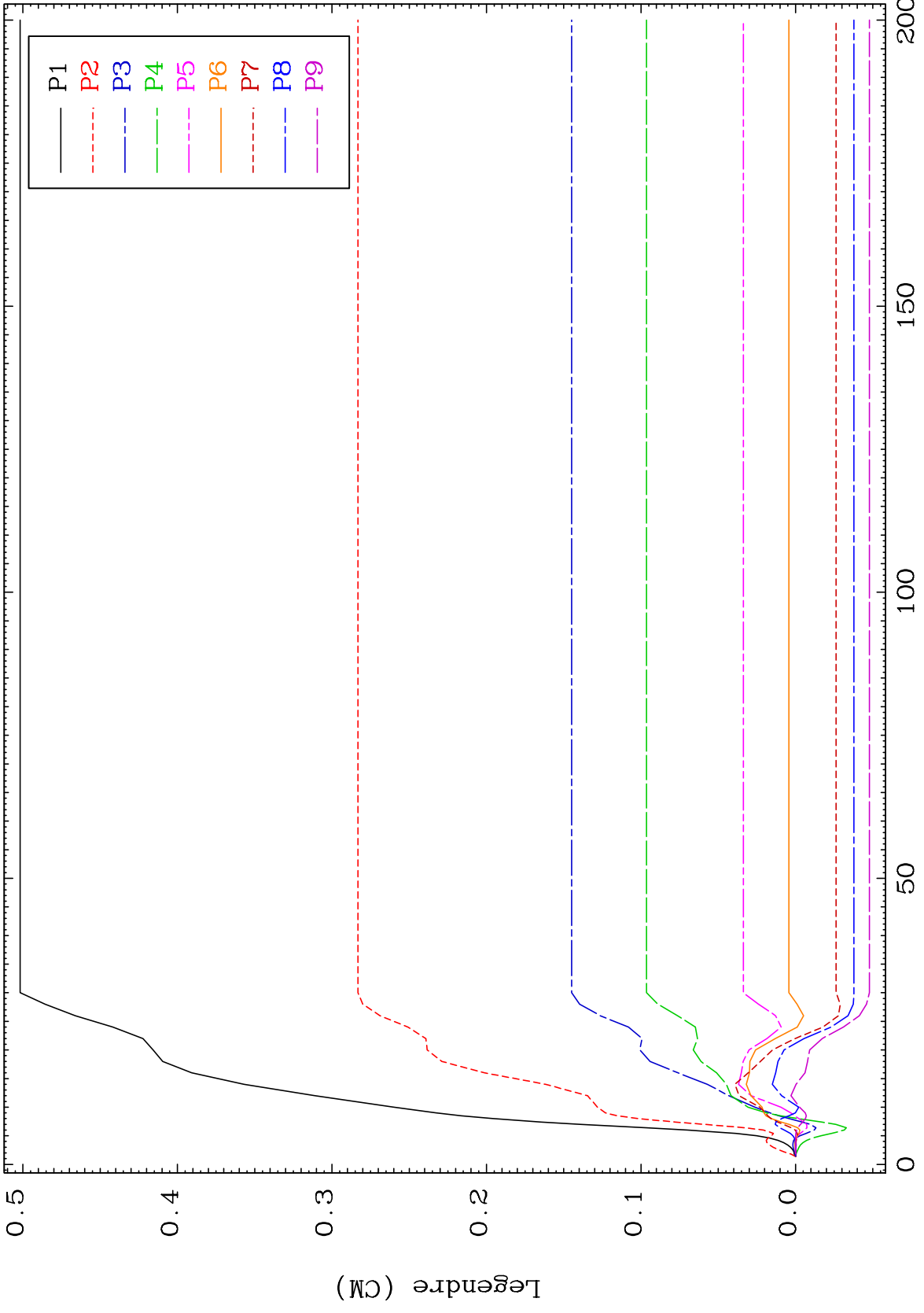
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



107

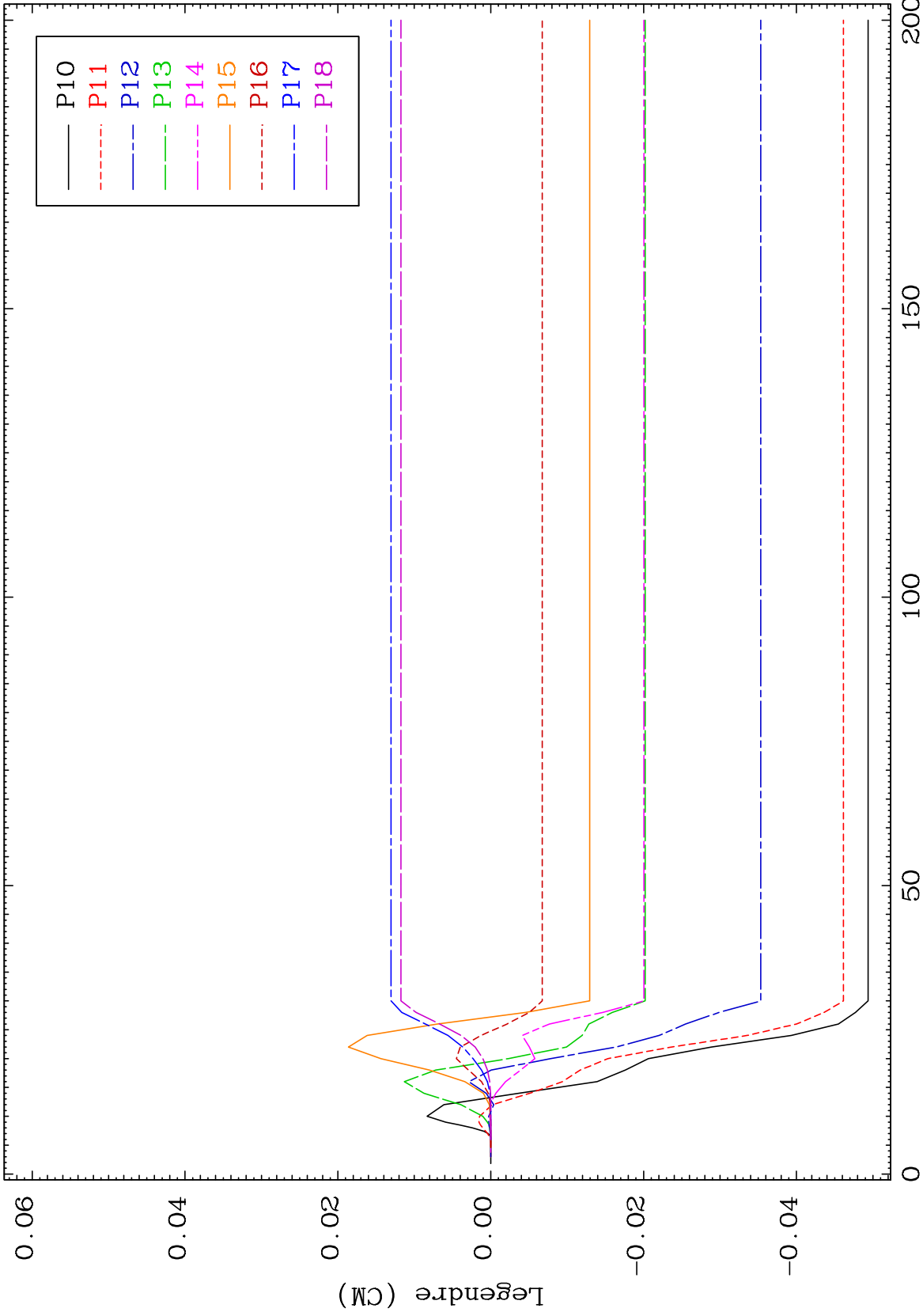
Incident Energy (MeV)

53-I -127

MAT 5325

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

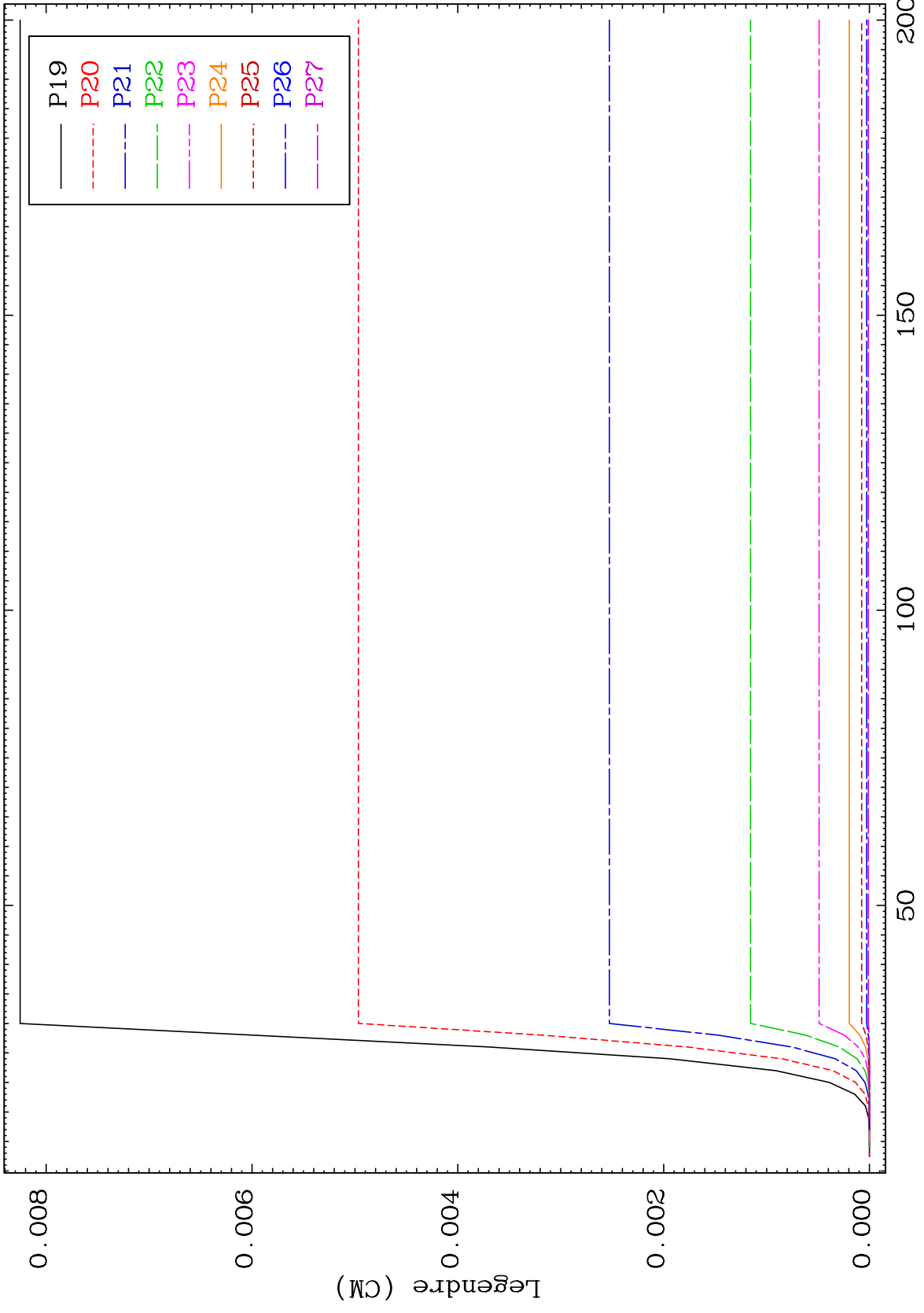
53-I -127



108

Incident Energy (MeV)

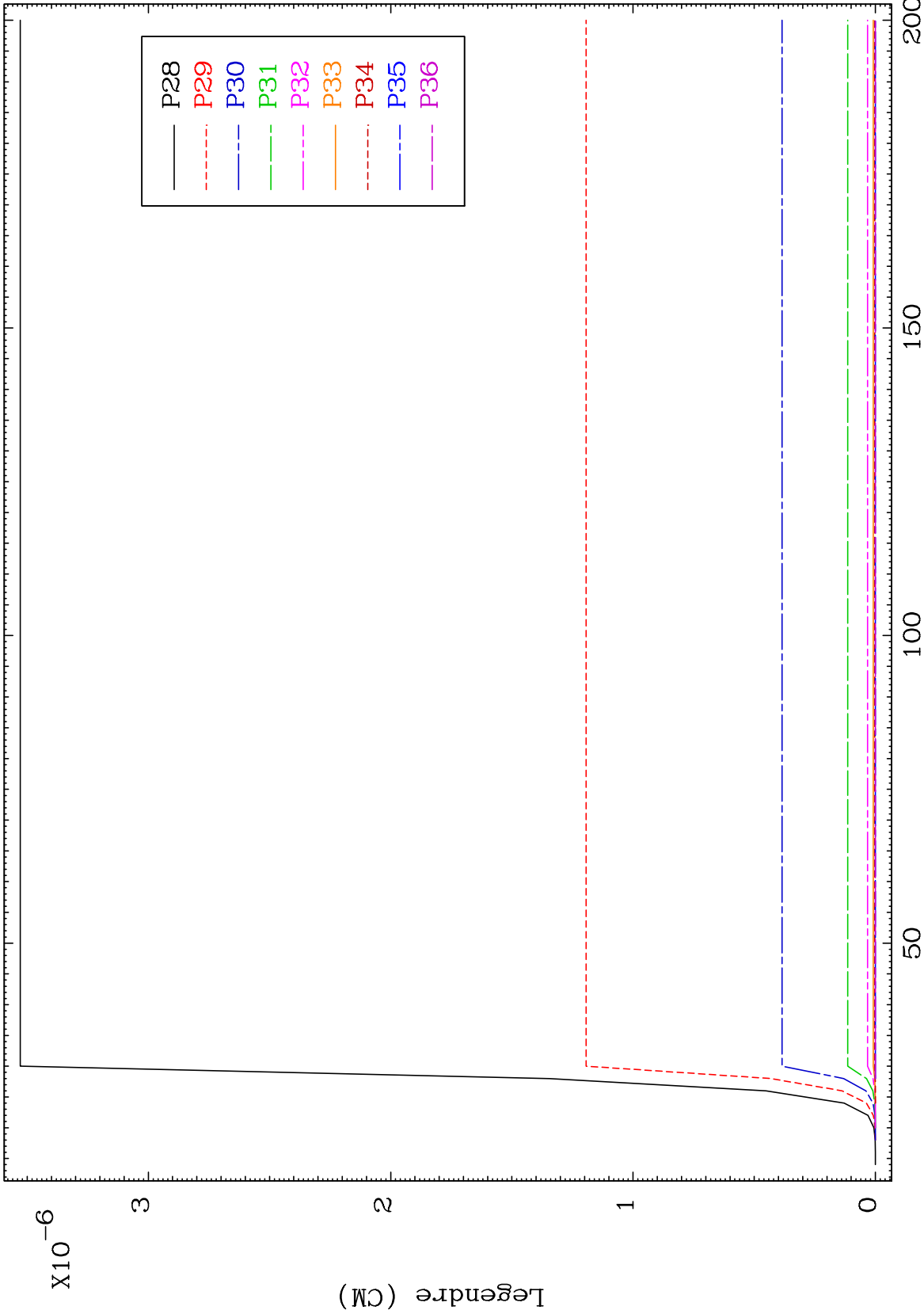
53-I -127



MAT 5325

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

53-I -127



110

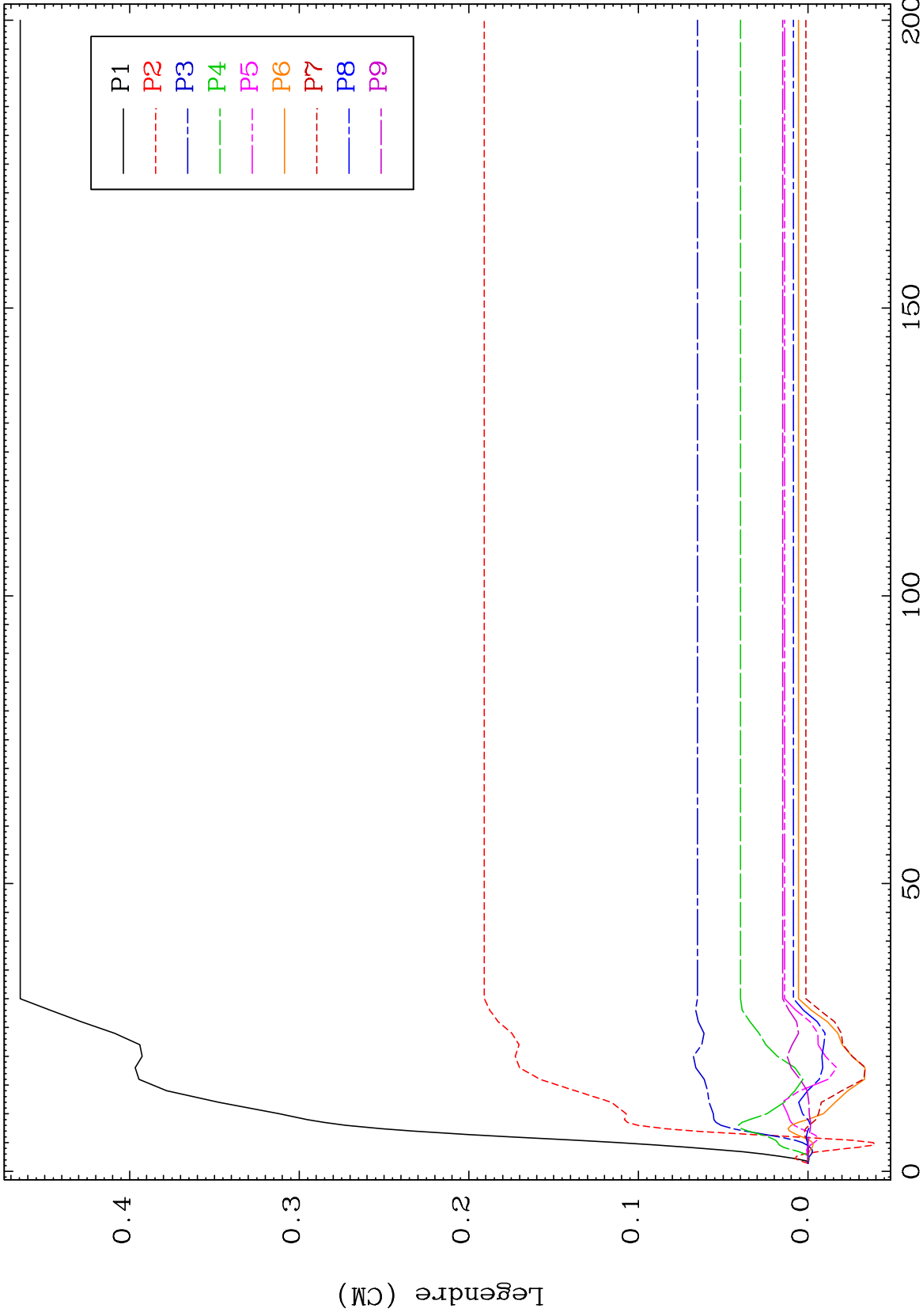
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



111

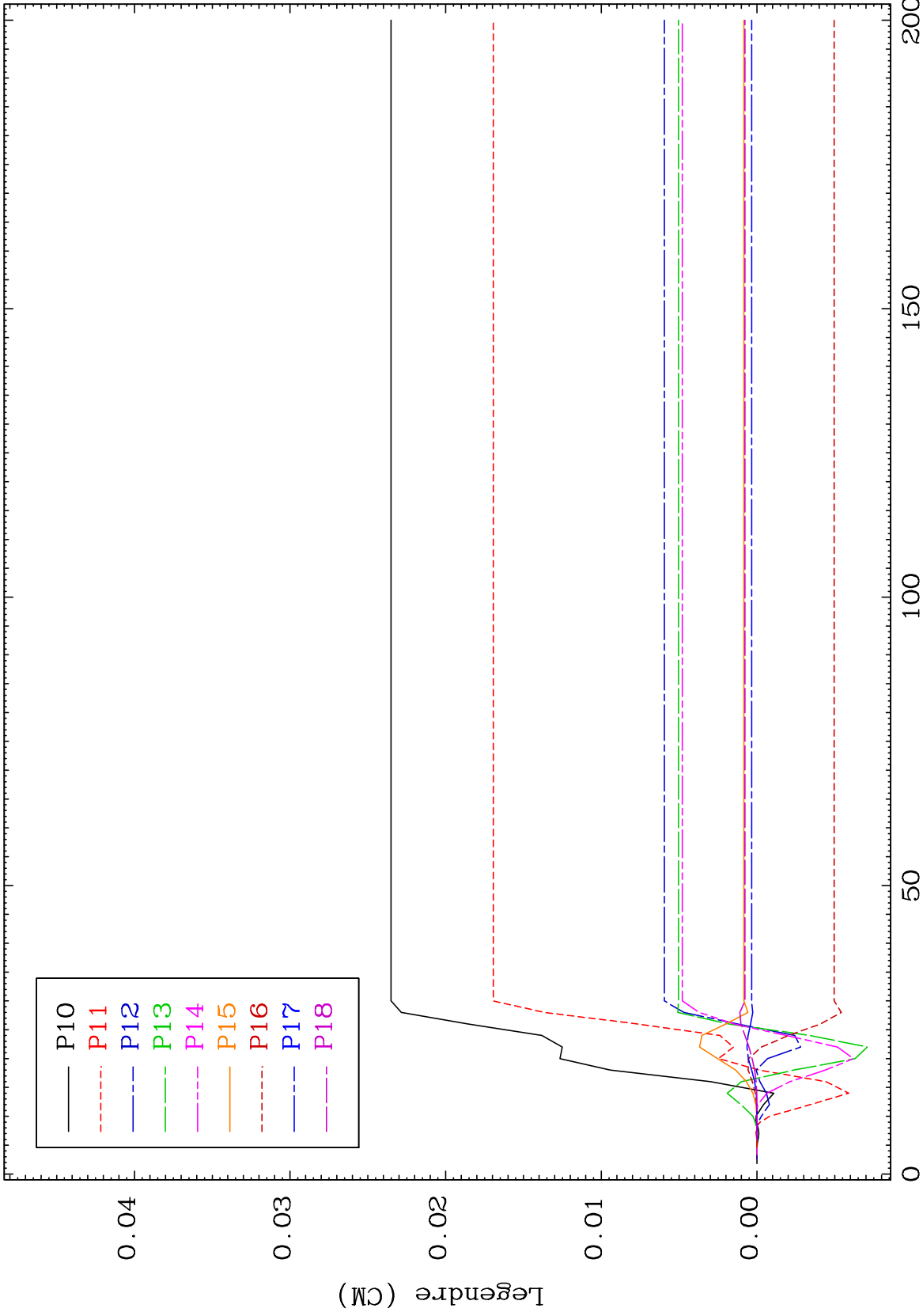
Incident Energy (MeV)

53-I -127

MAT 5325

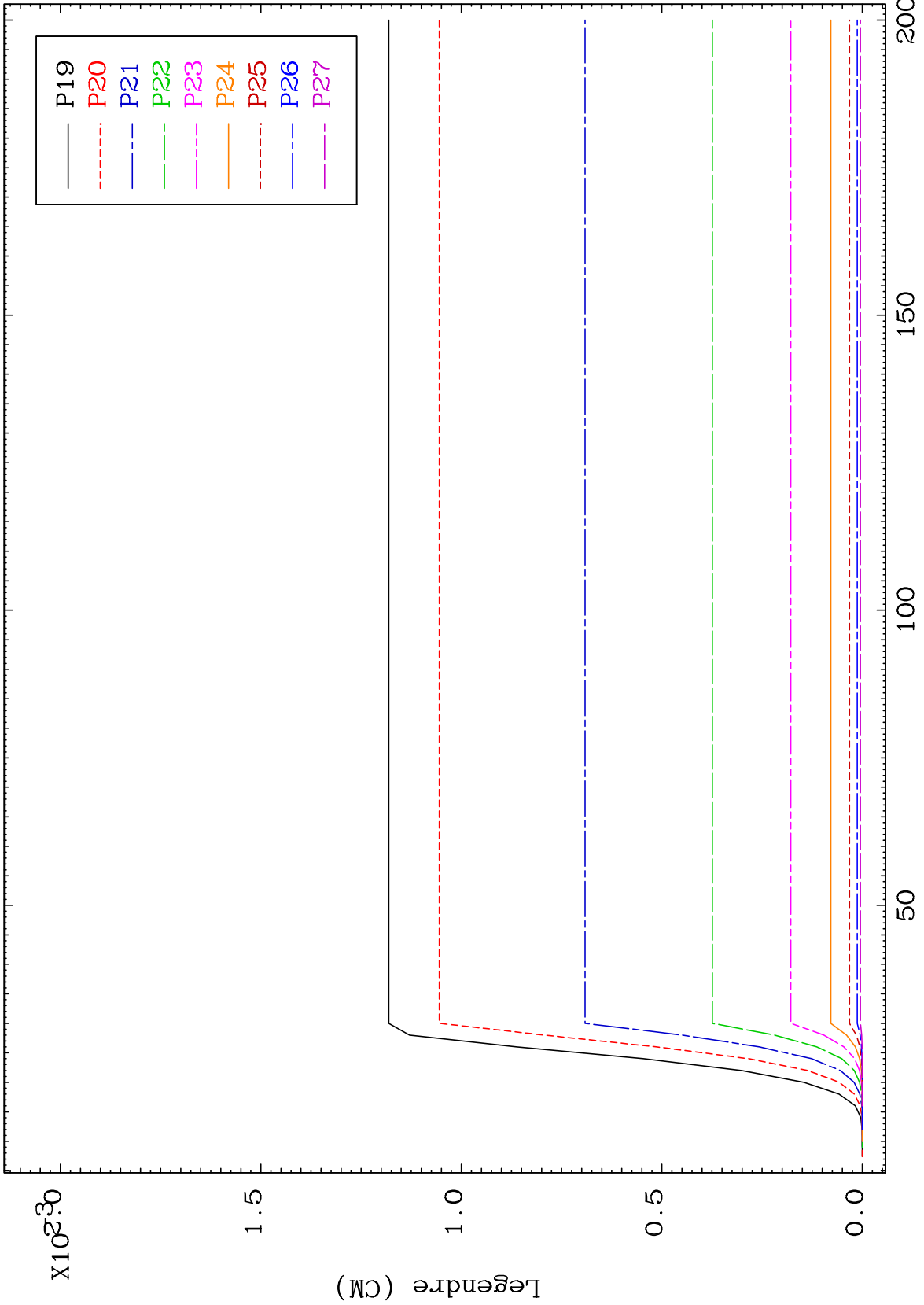
MT= 75 (n,n') Level
Legendre Coefficients

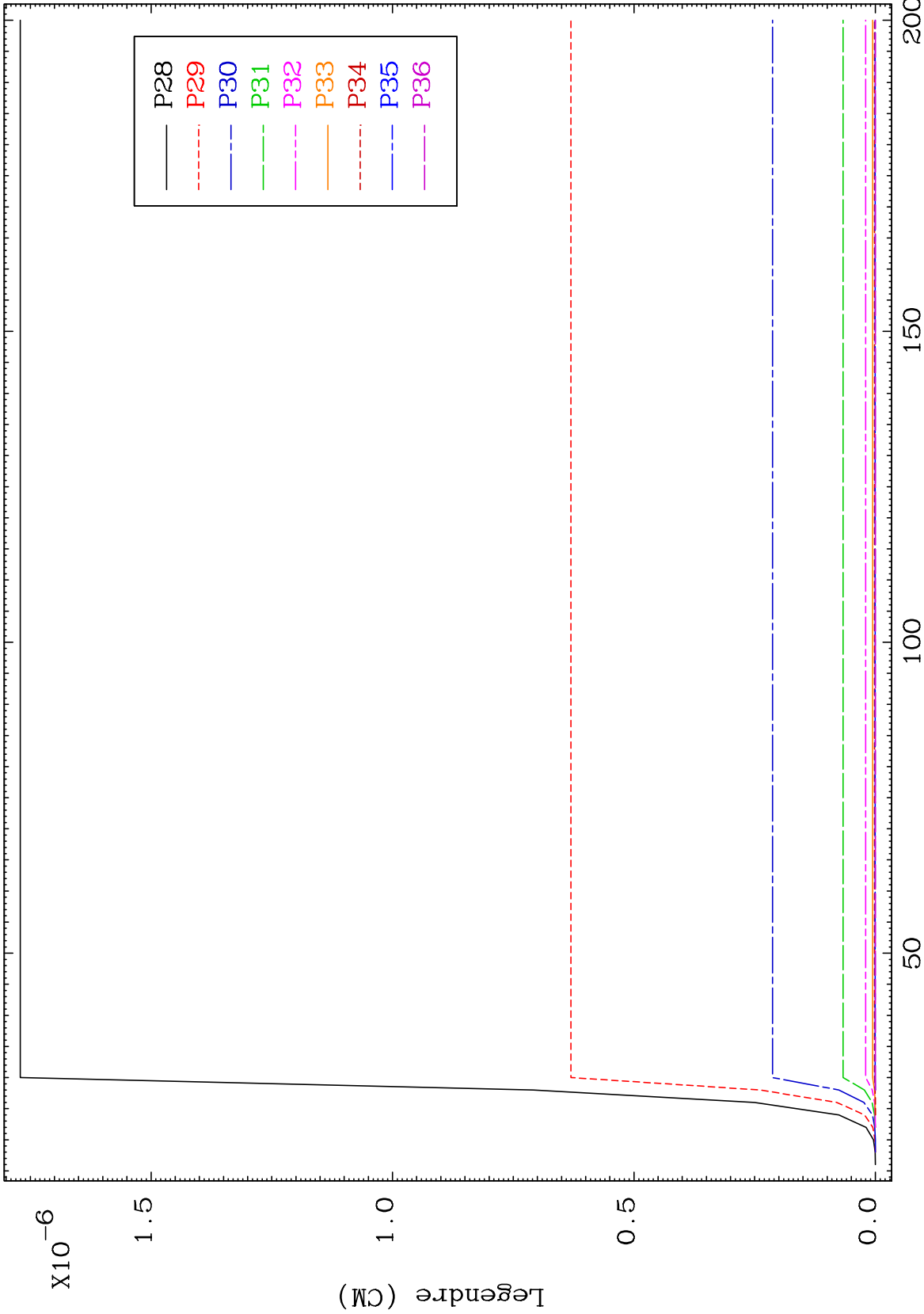
53-I -127



112

53-I -127

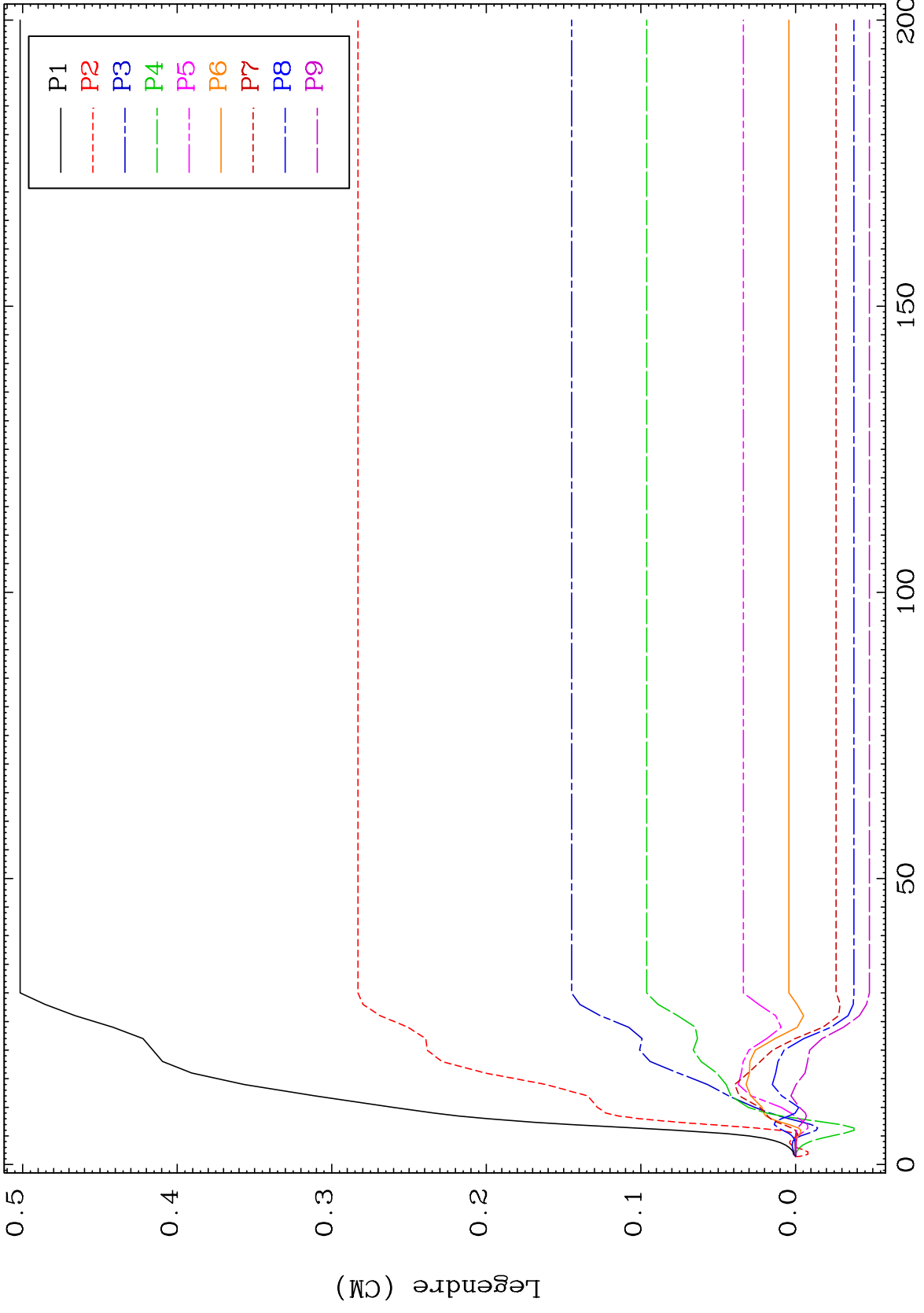




MAT 5325

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

53-I -127



115

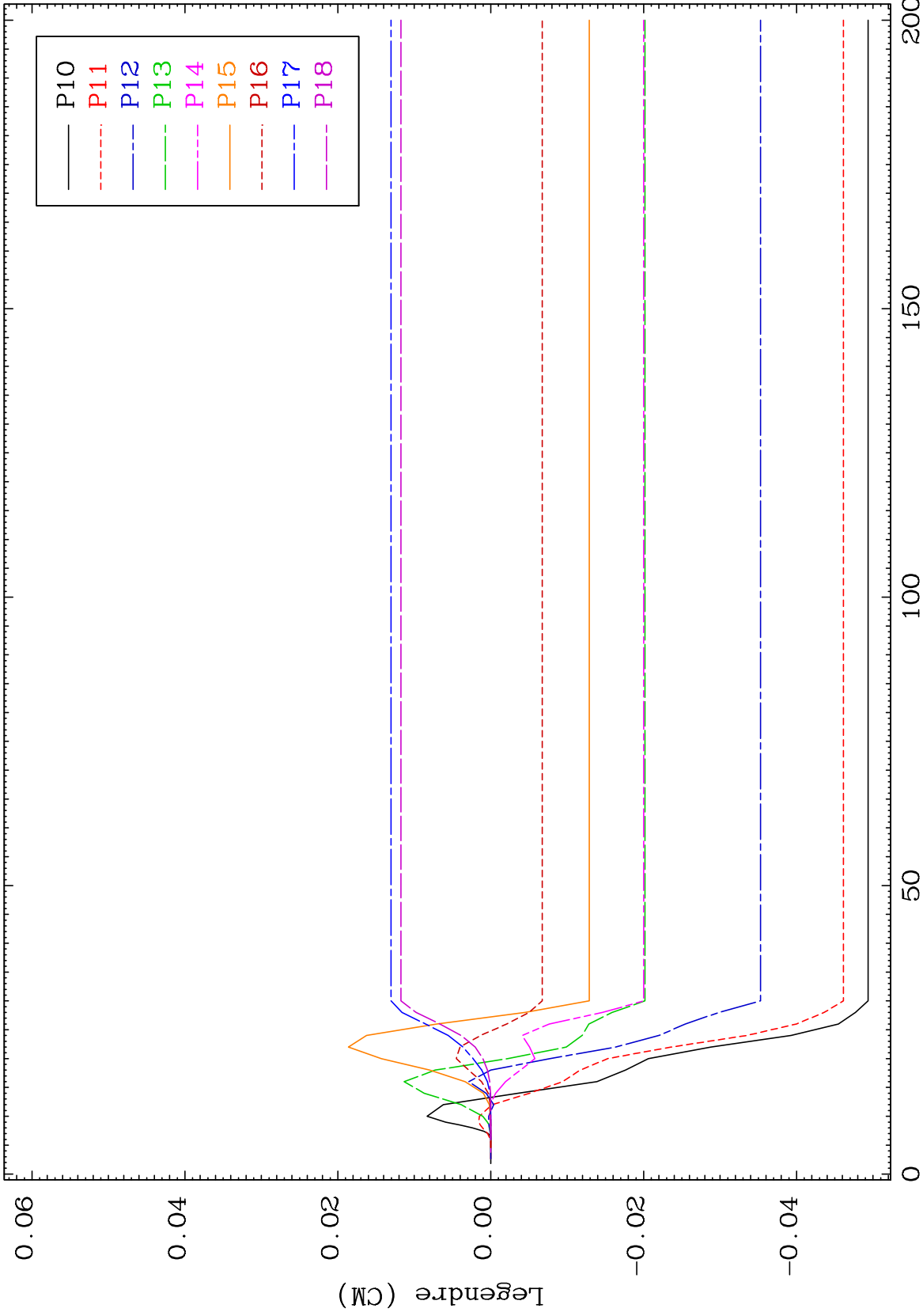
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



116

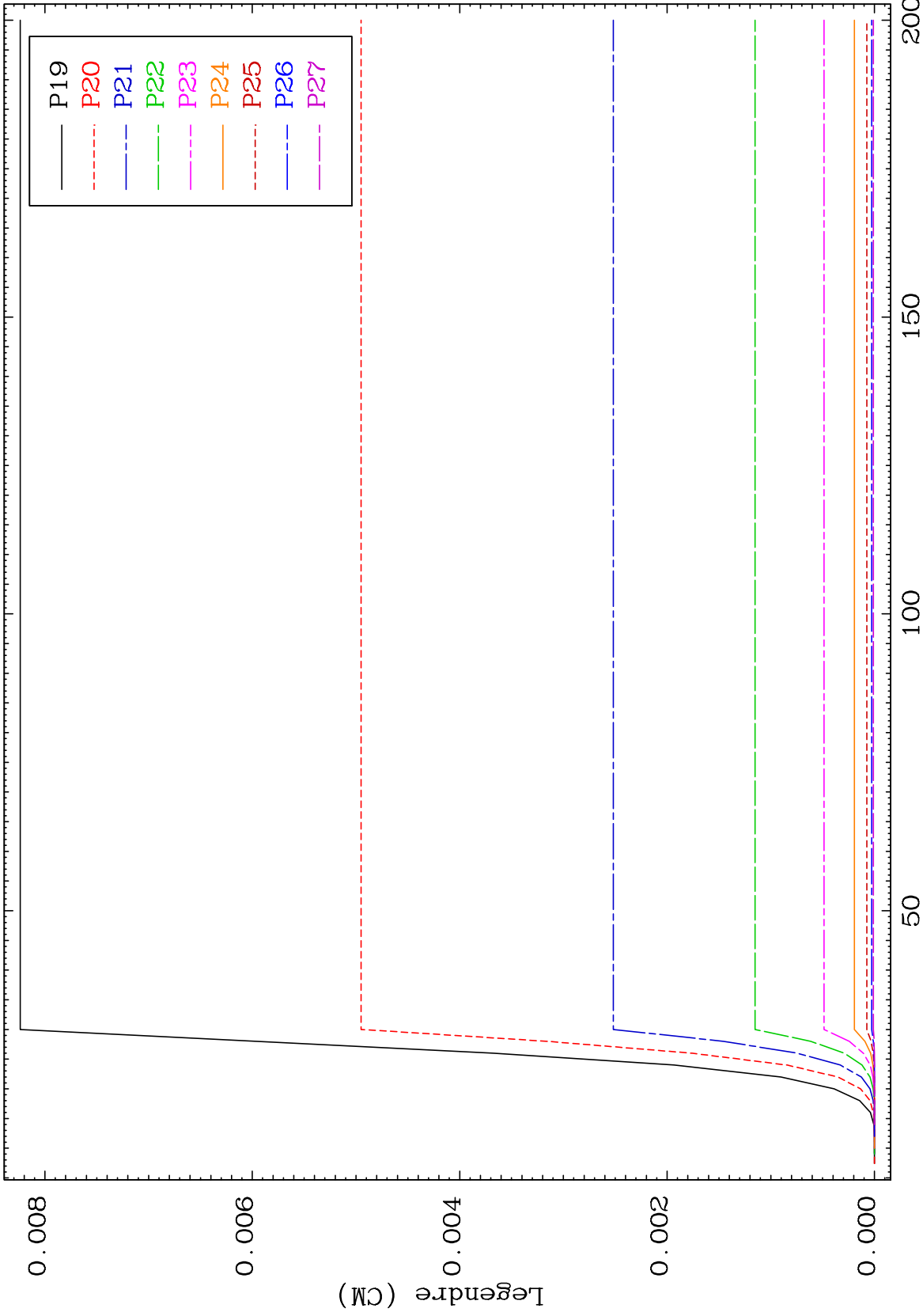
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



117

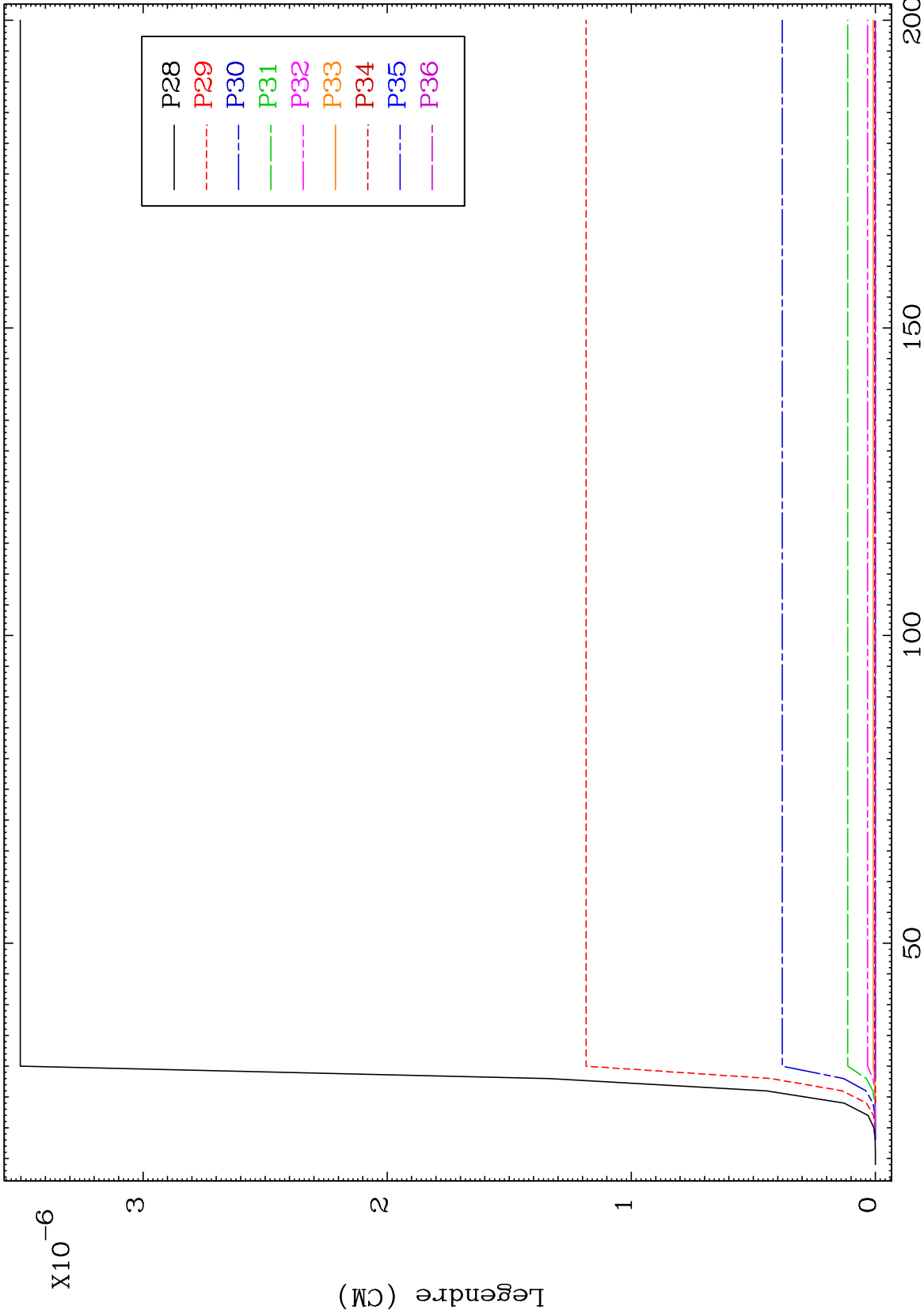
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



118

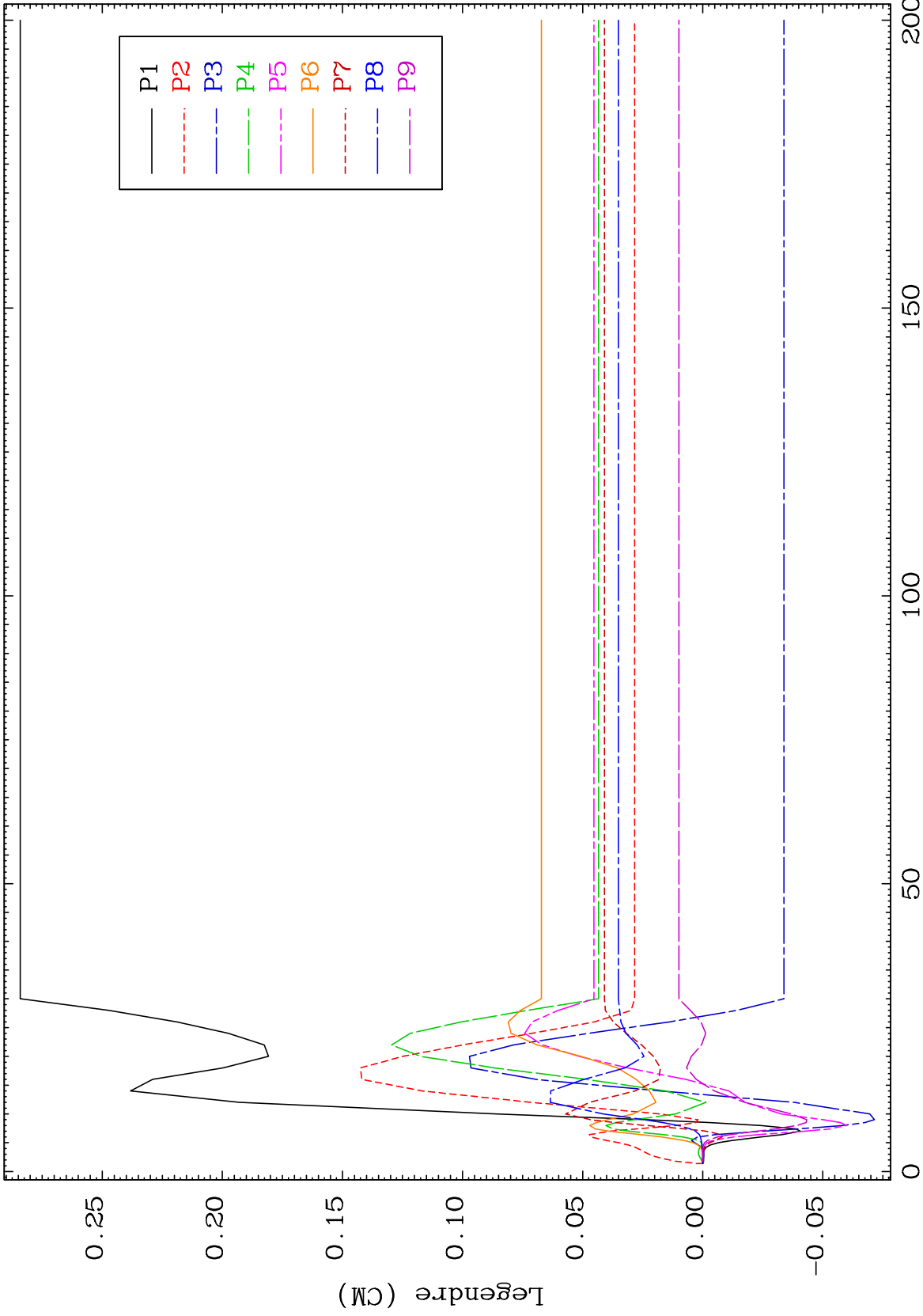
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



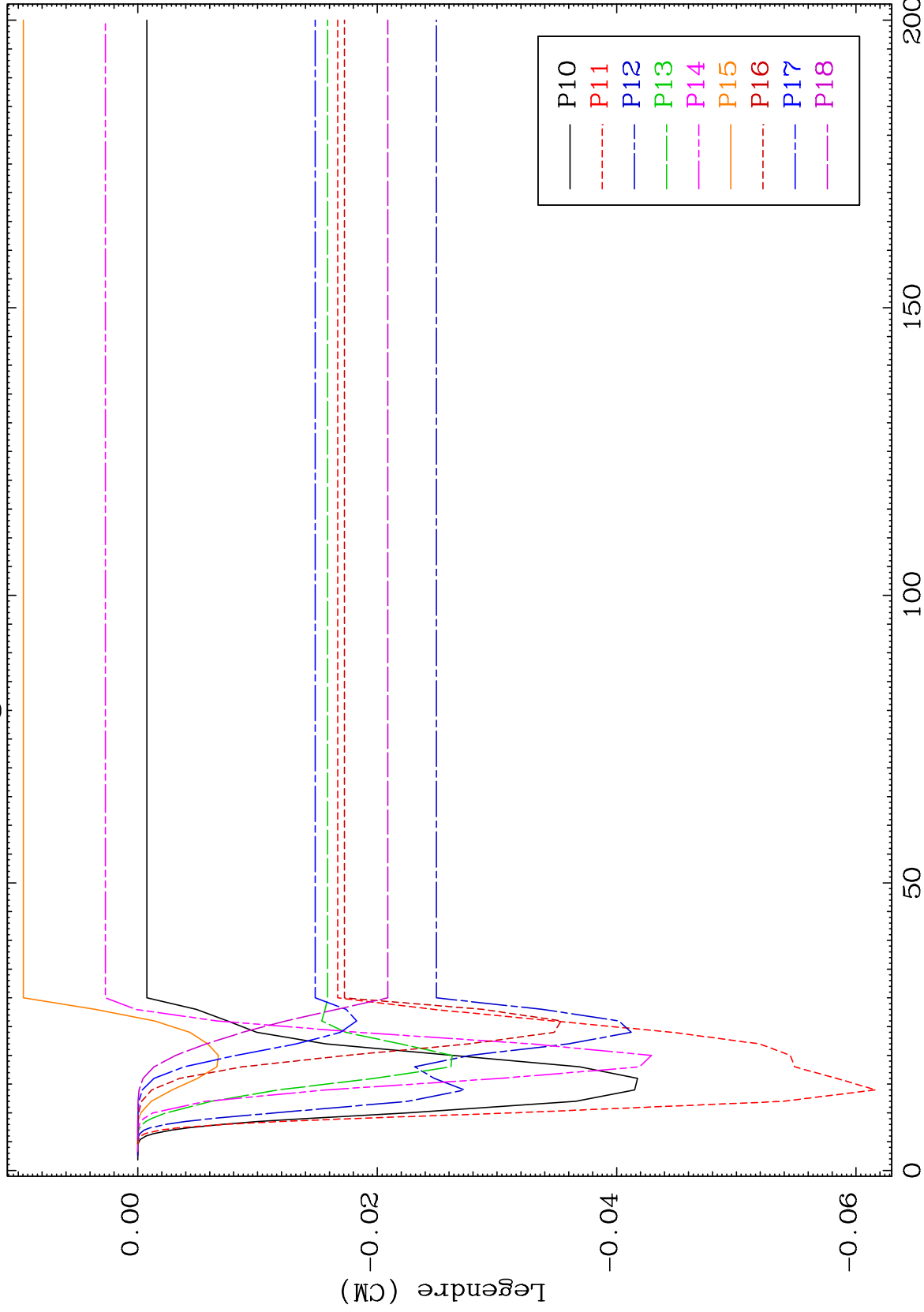
119

53-I -127

MAT 5325

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

53-I -127

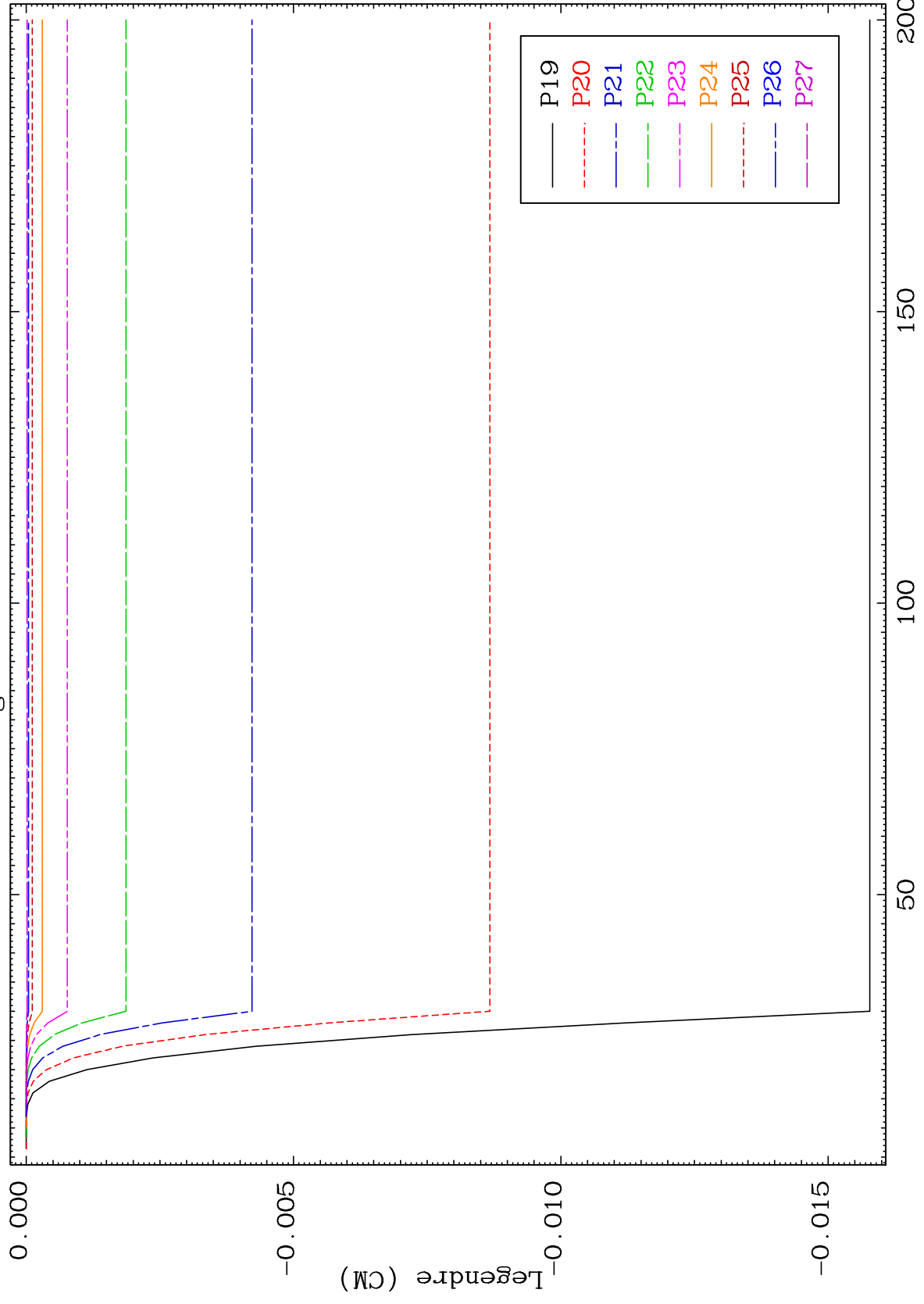


120

Incident Energy (MeV)

53-I -127

MAT 5325 MT= 77 (n,n') Level Legendre Coefficients 53-I -127

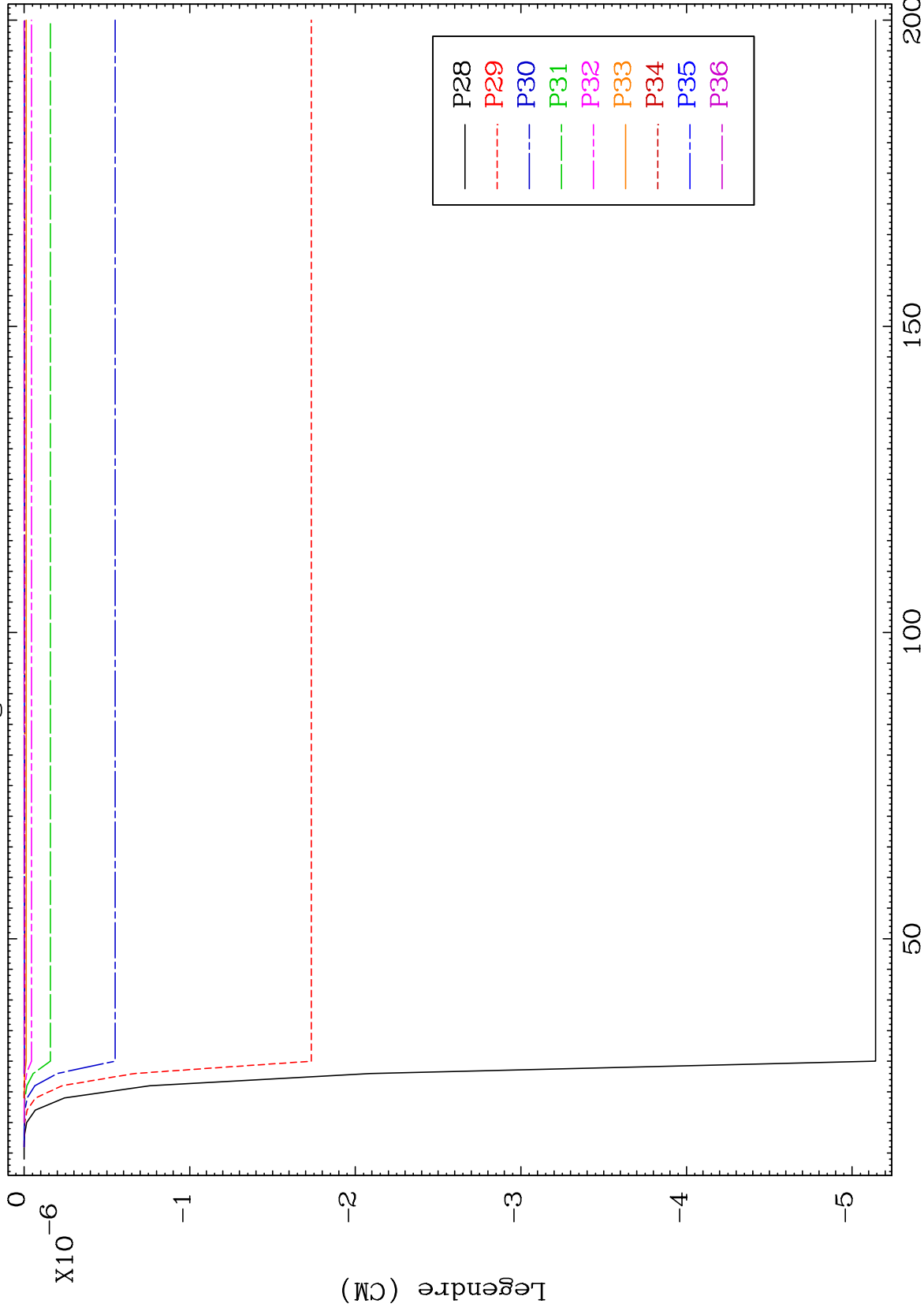


121 53-I -127

MAT 5325

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

53-I -127



122

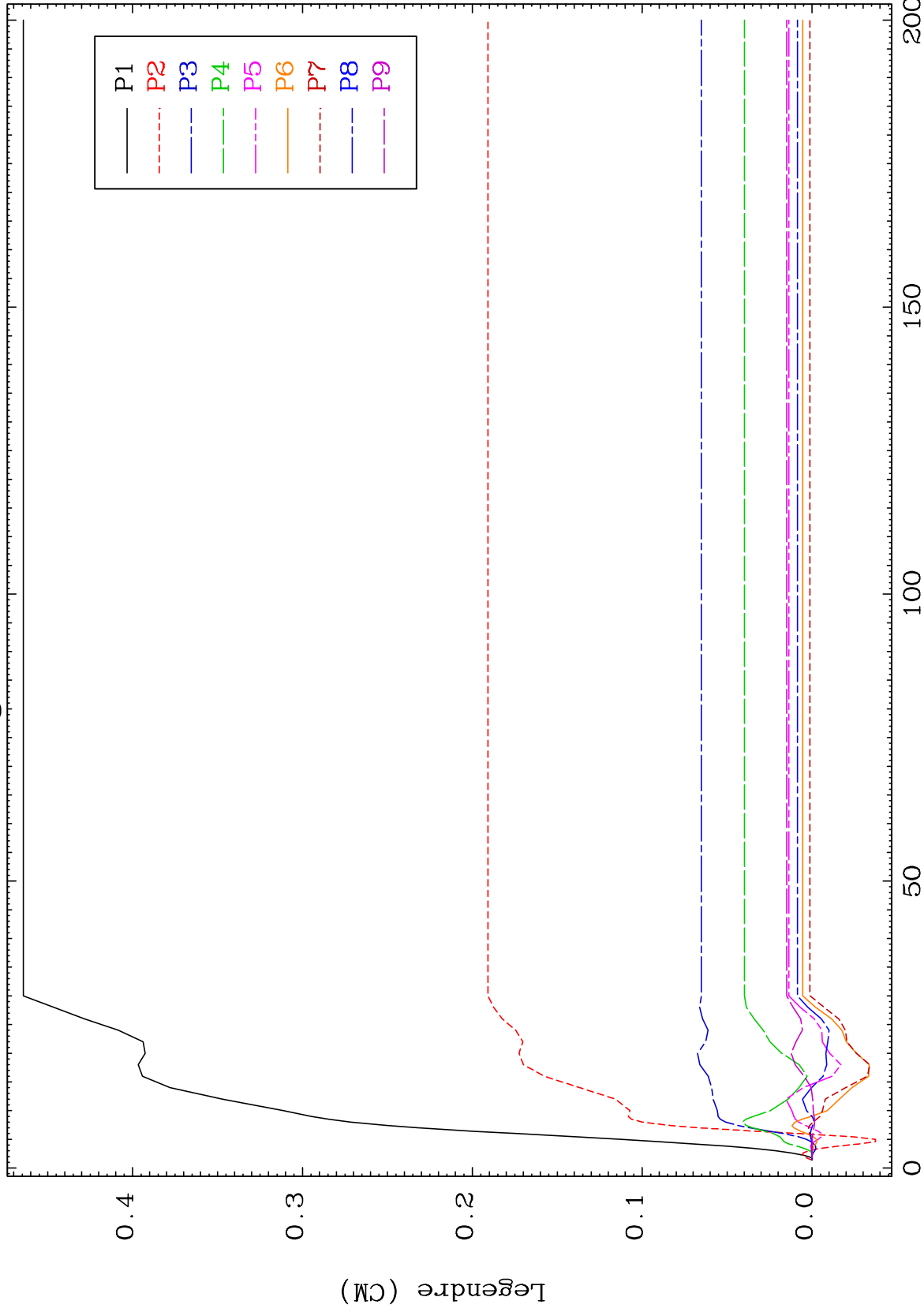
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



123

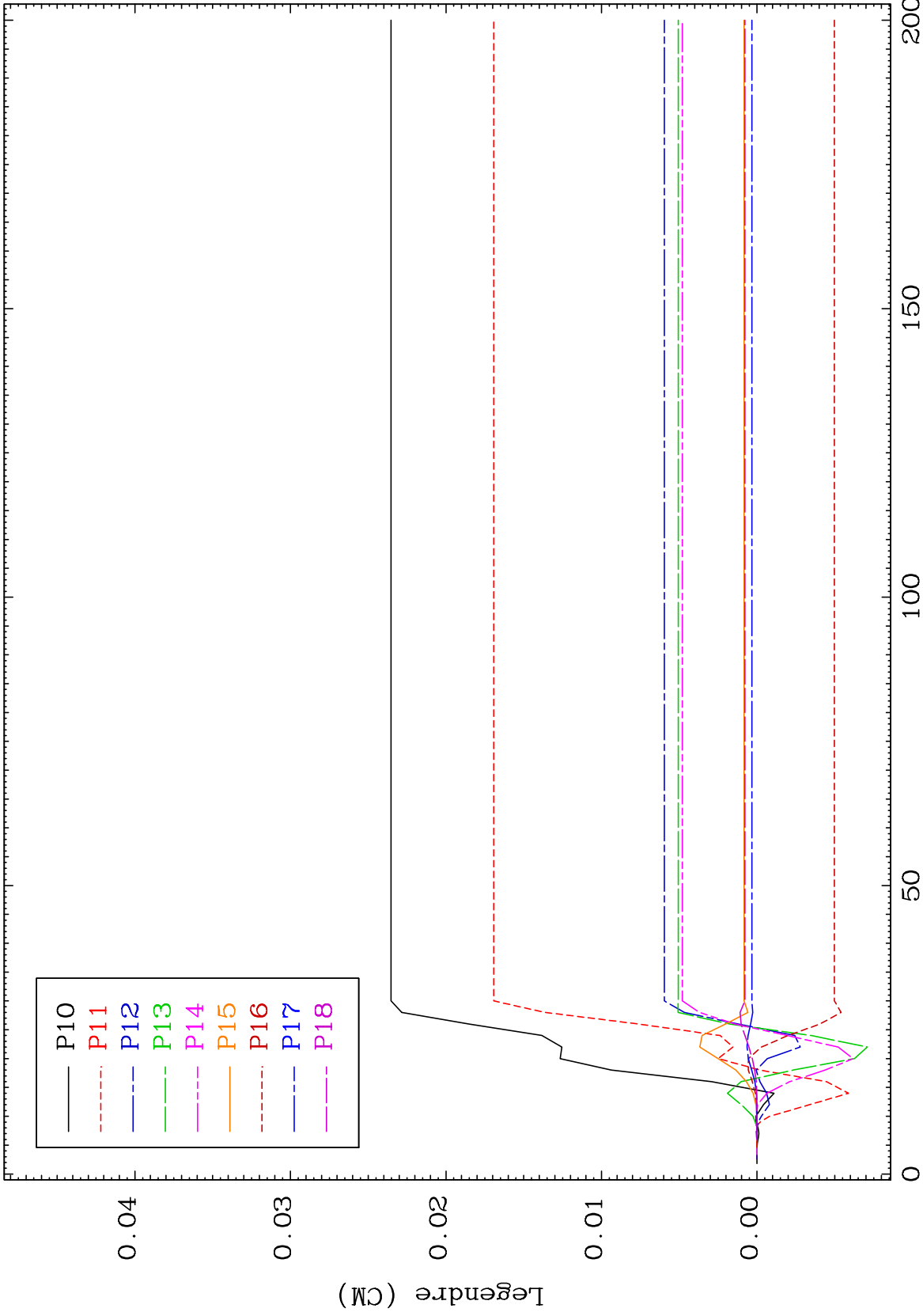
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



124

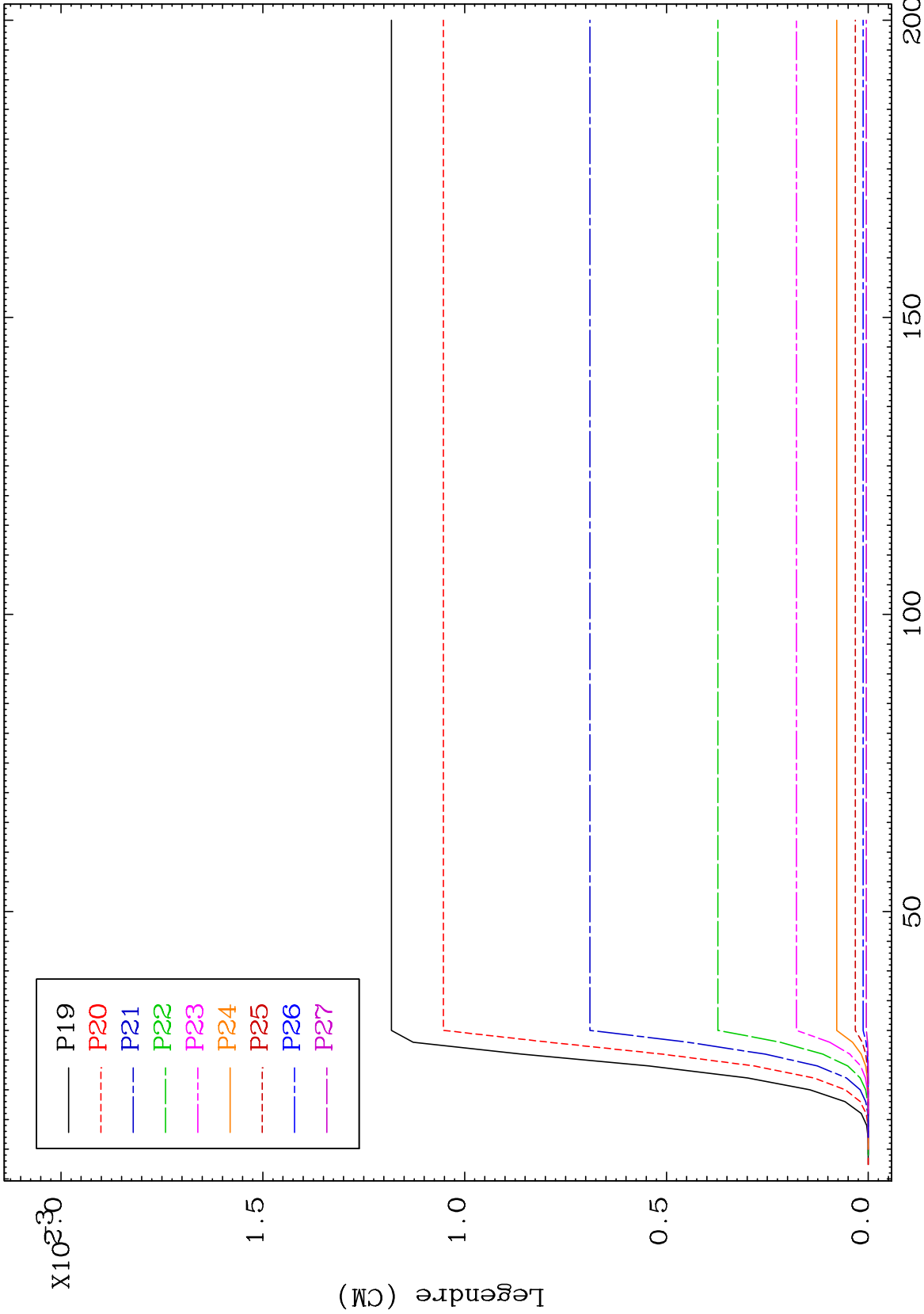
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



125

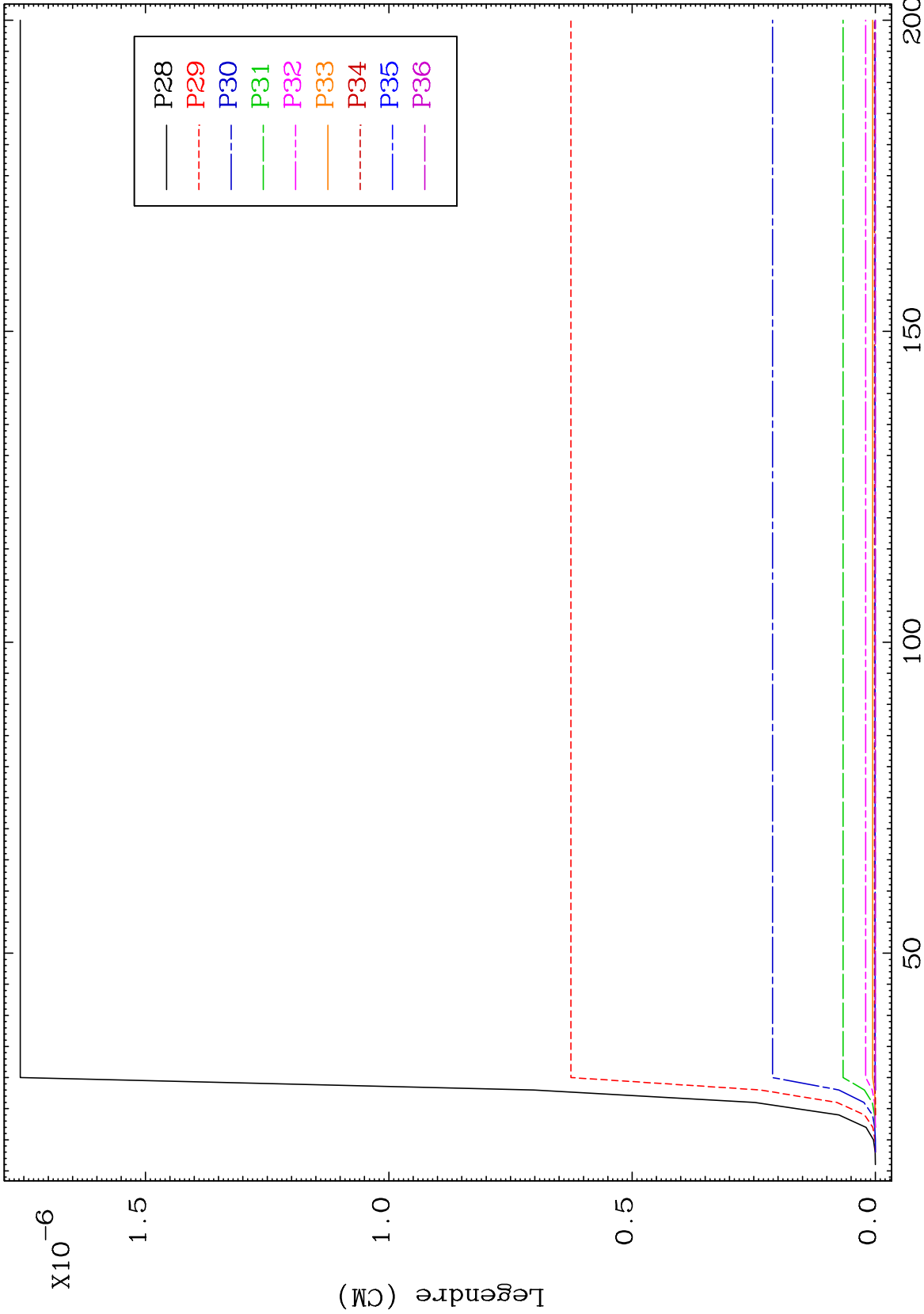
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



126

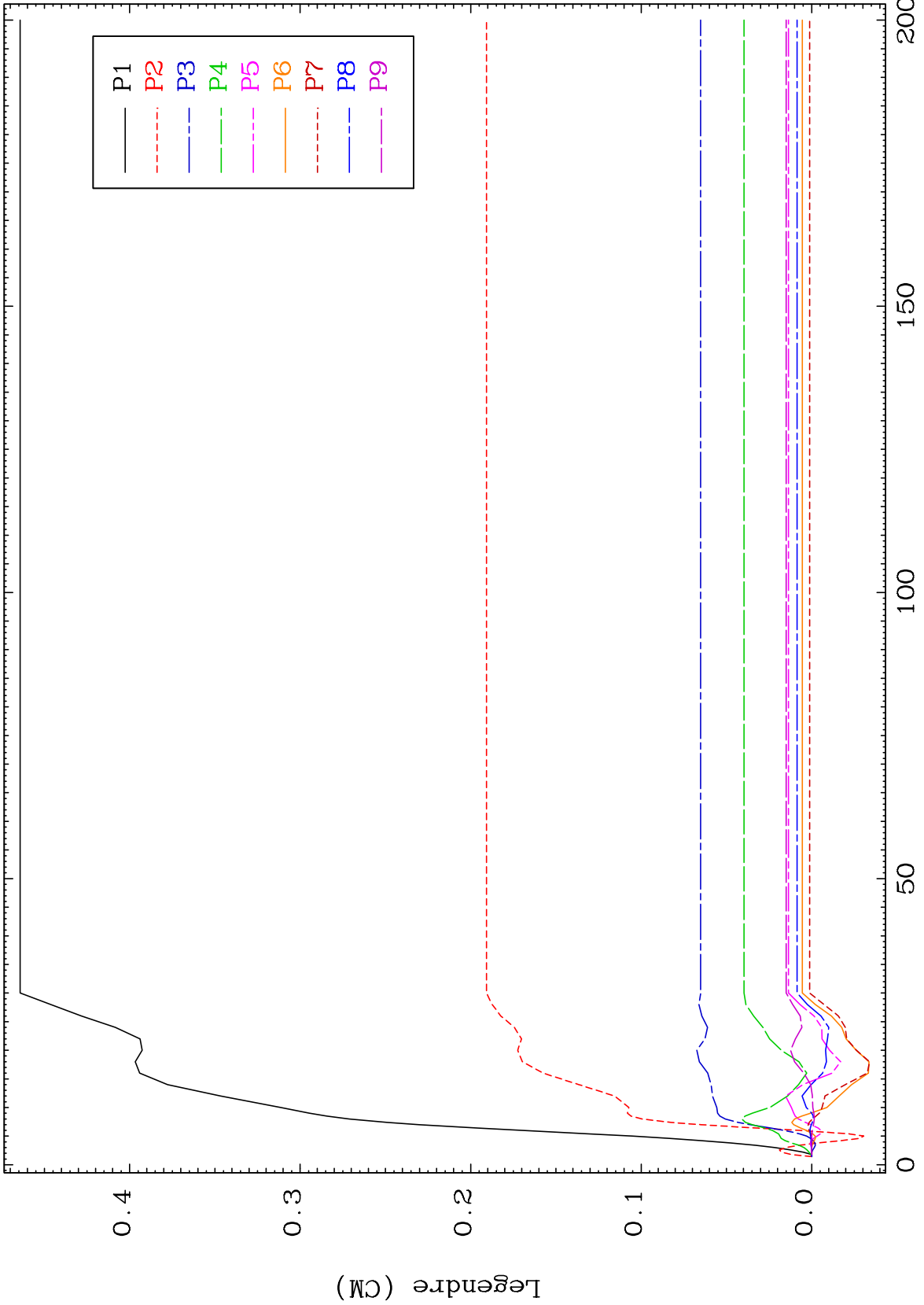
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



127

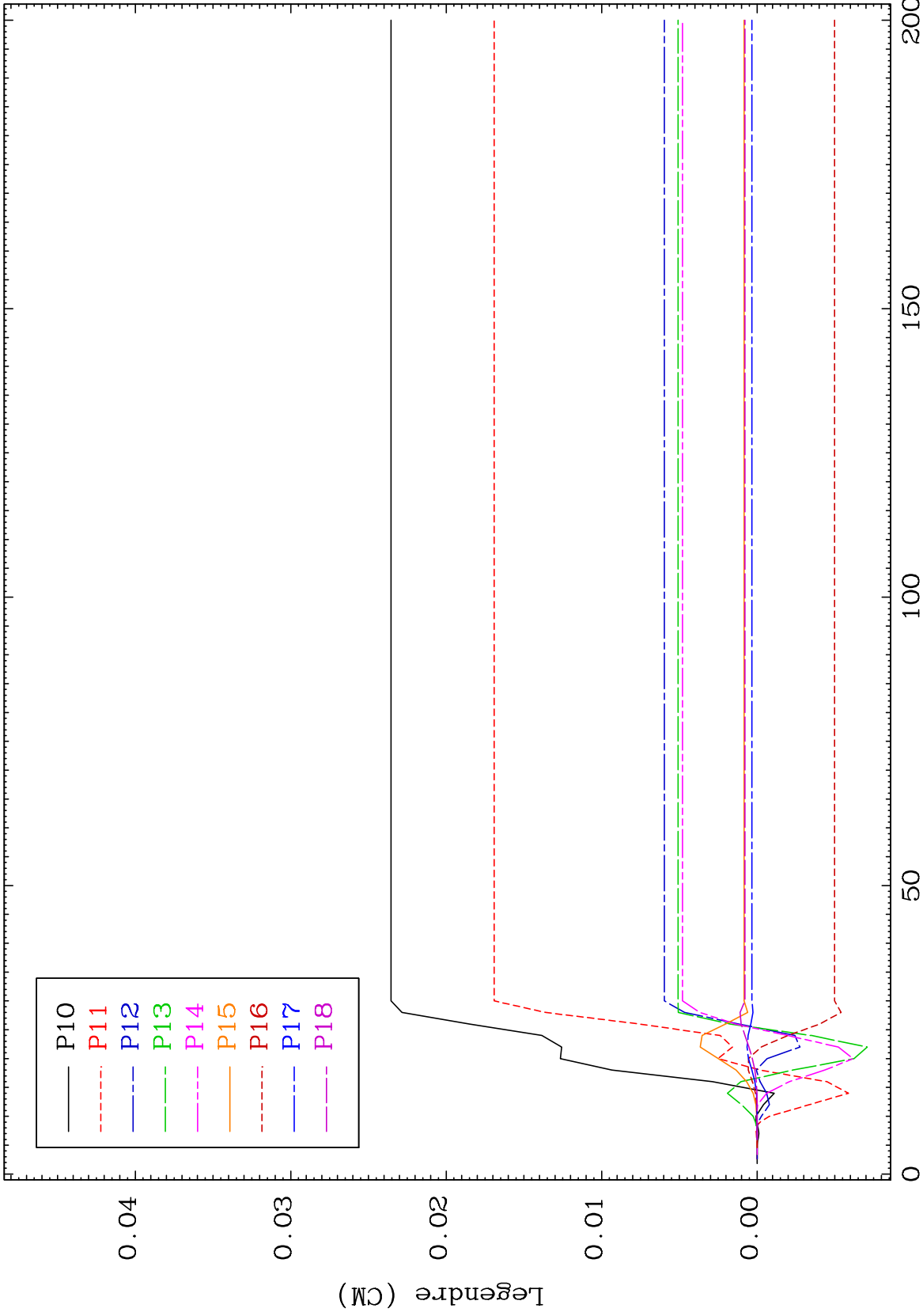
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



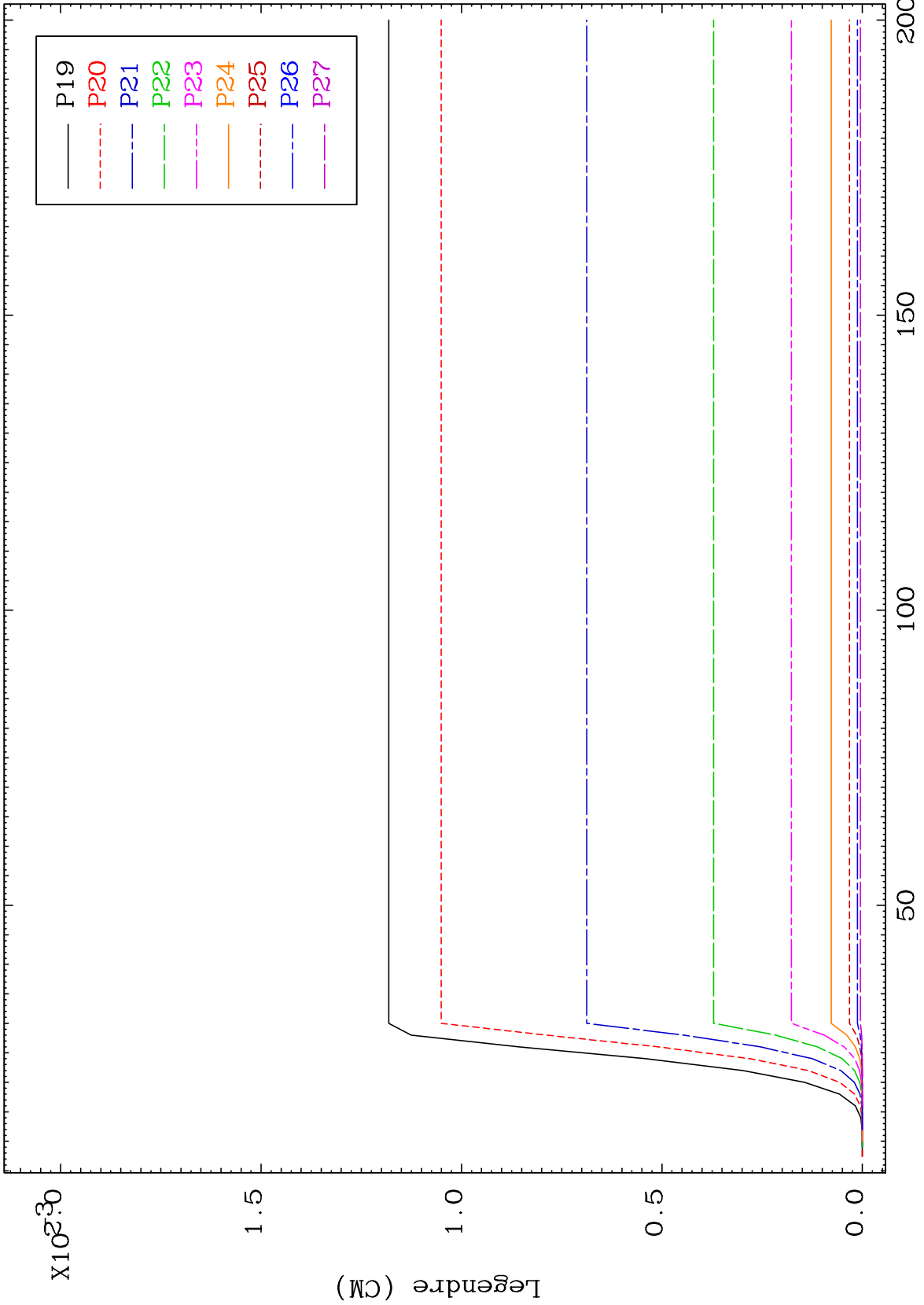
128

53-I -127

MAT 5325

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

53-I -127



129

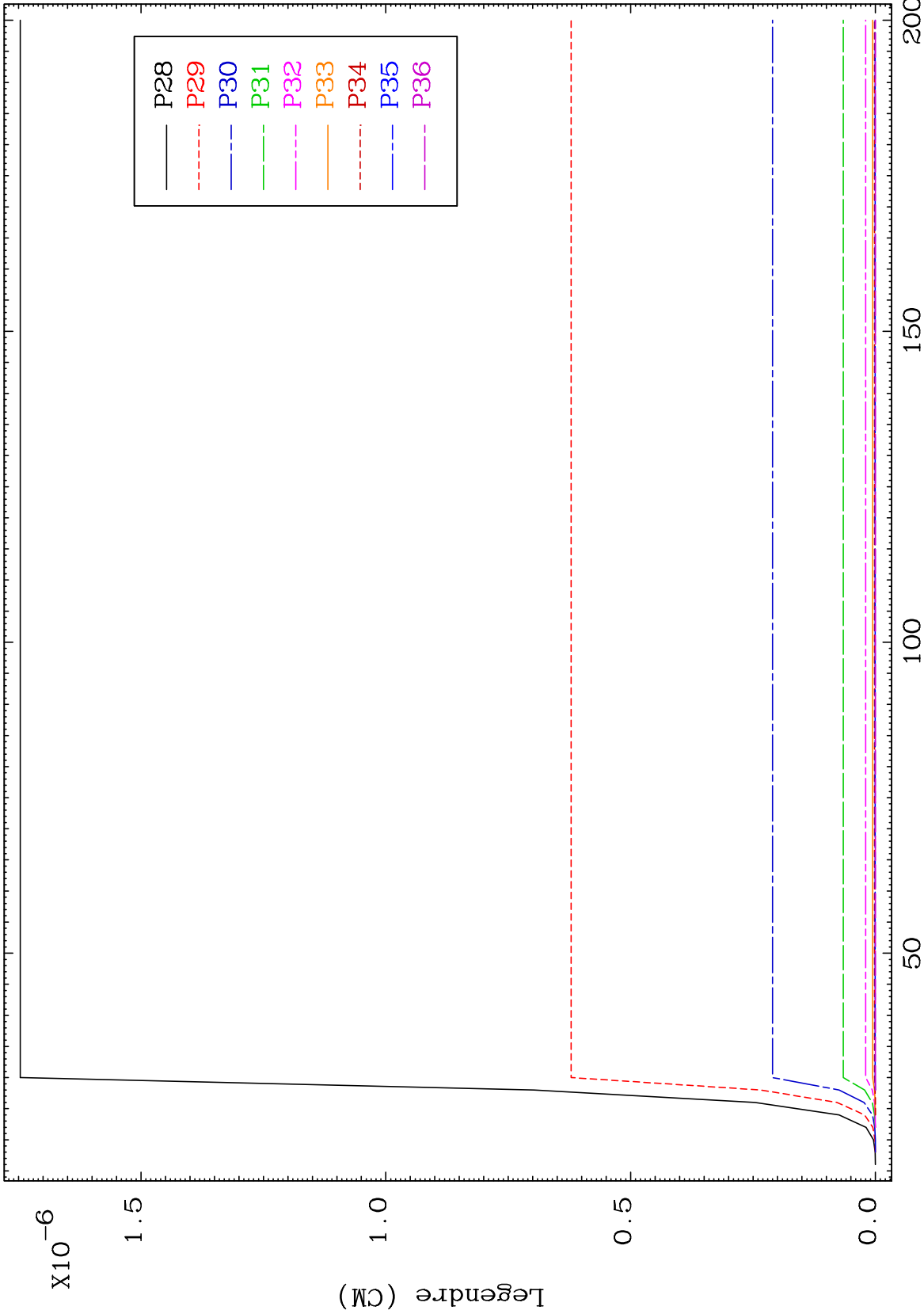
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



130

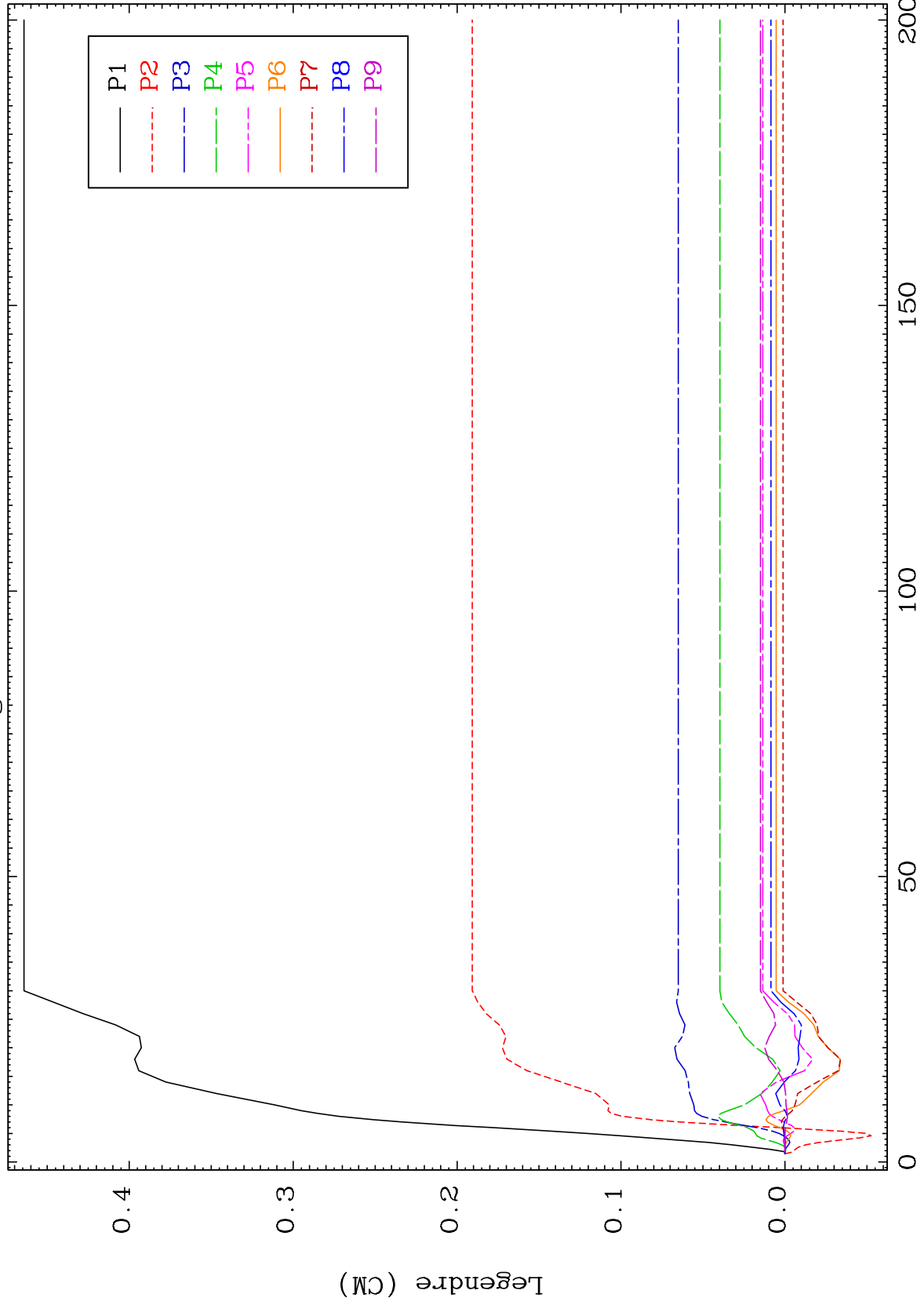
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



131

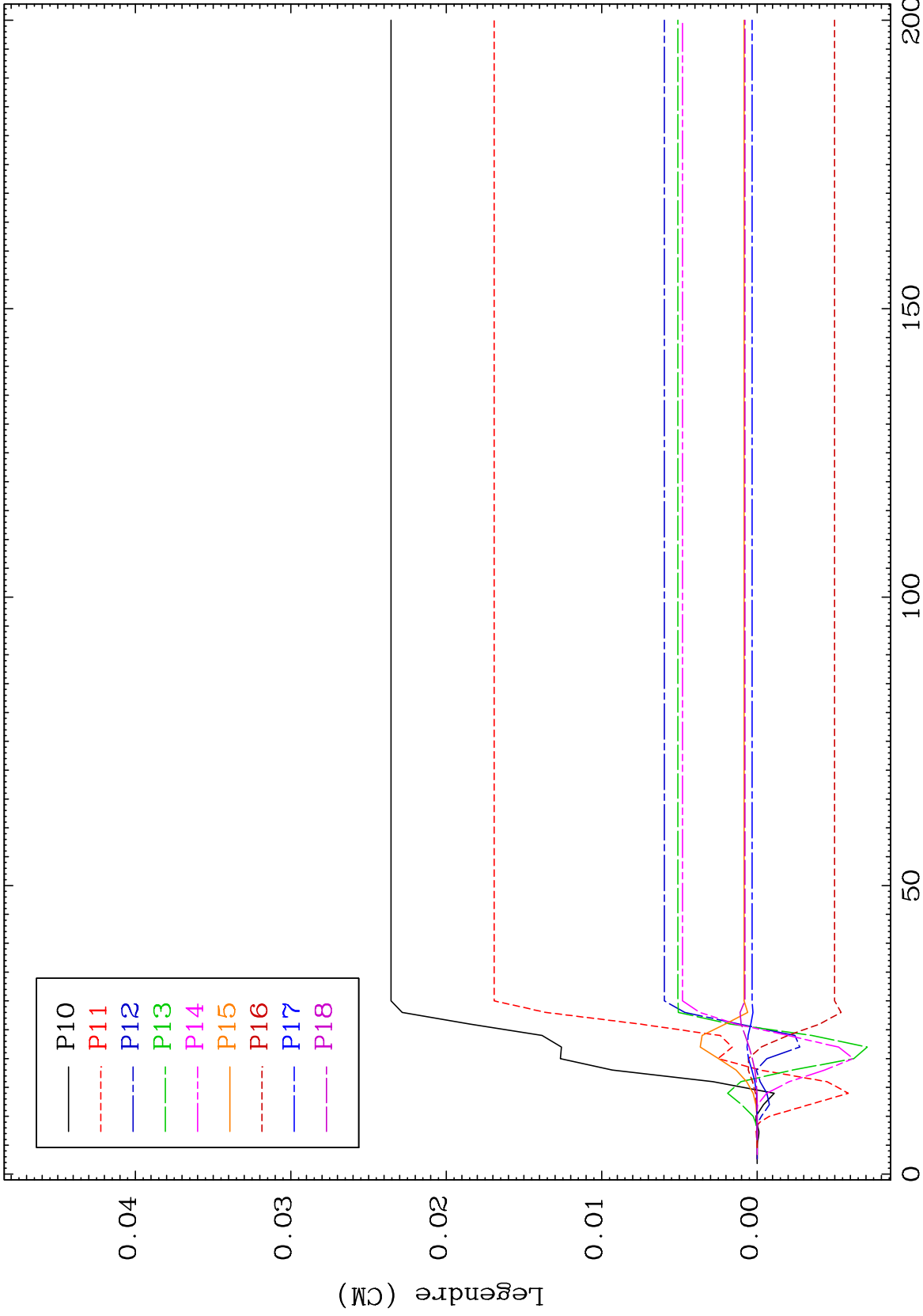
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



132

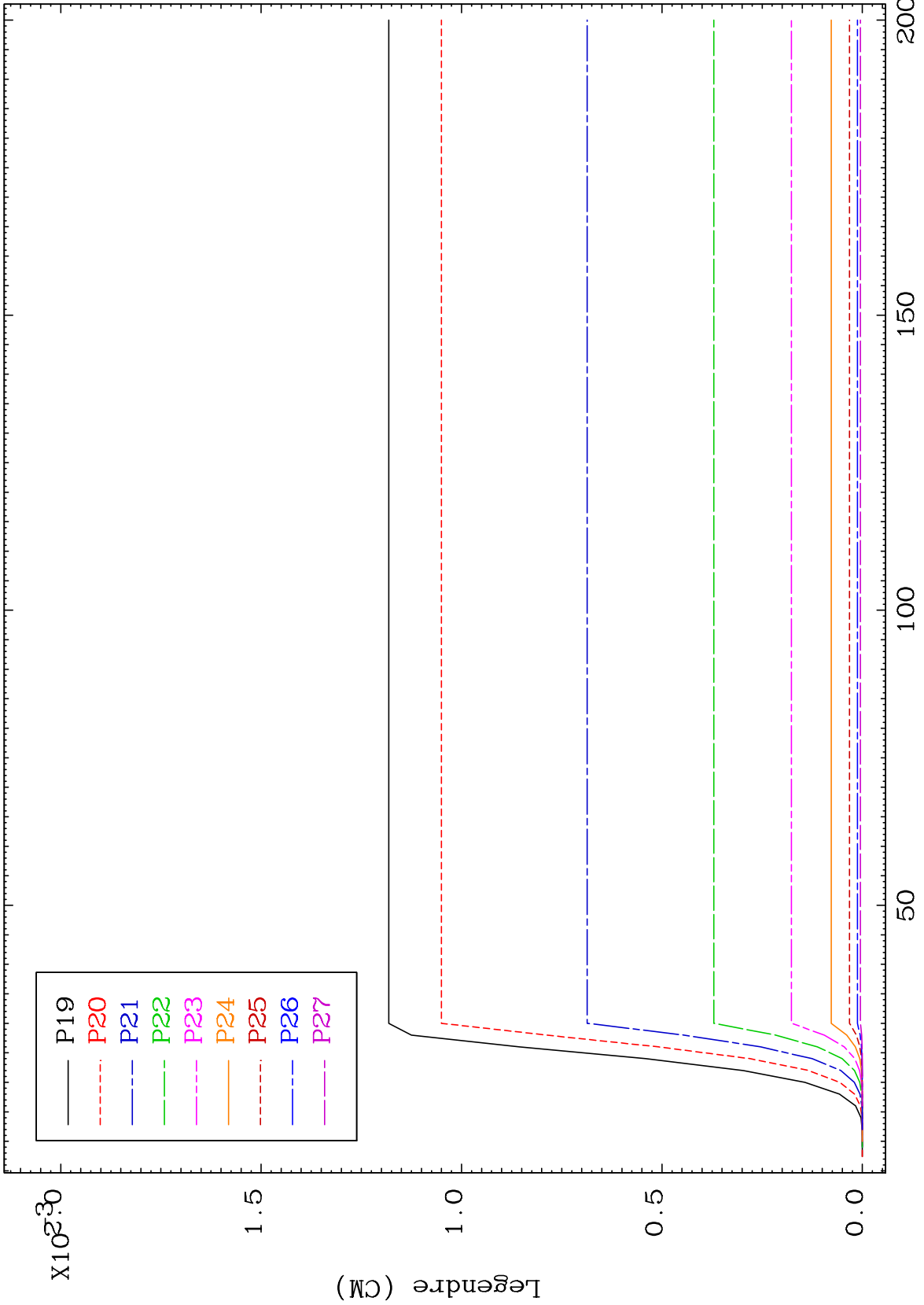
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



133

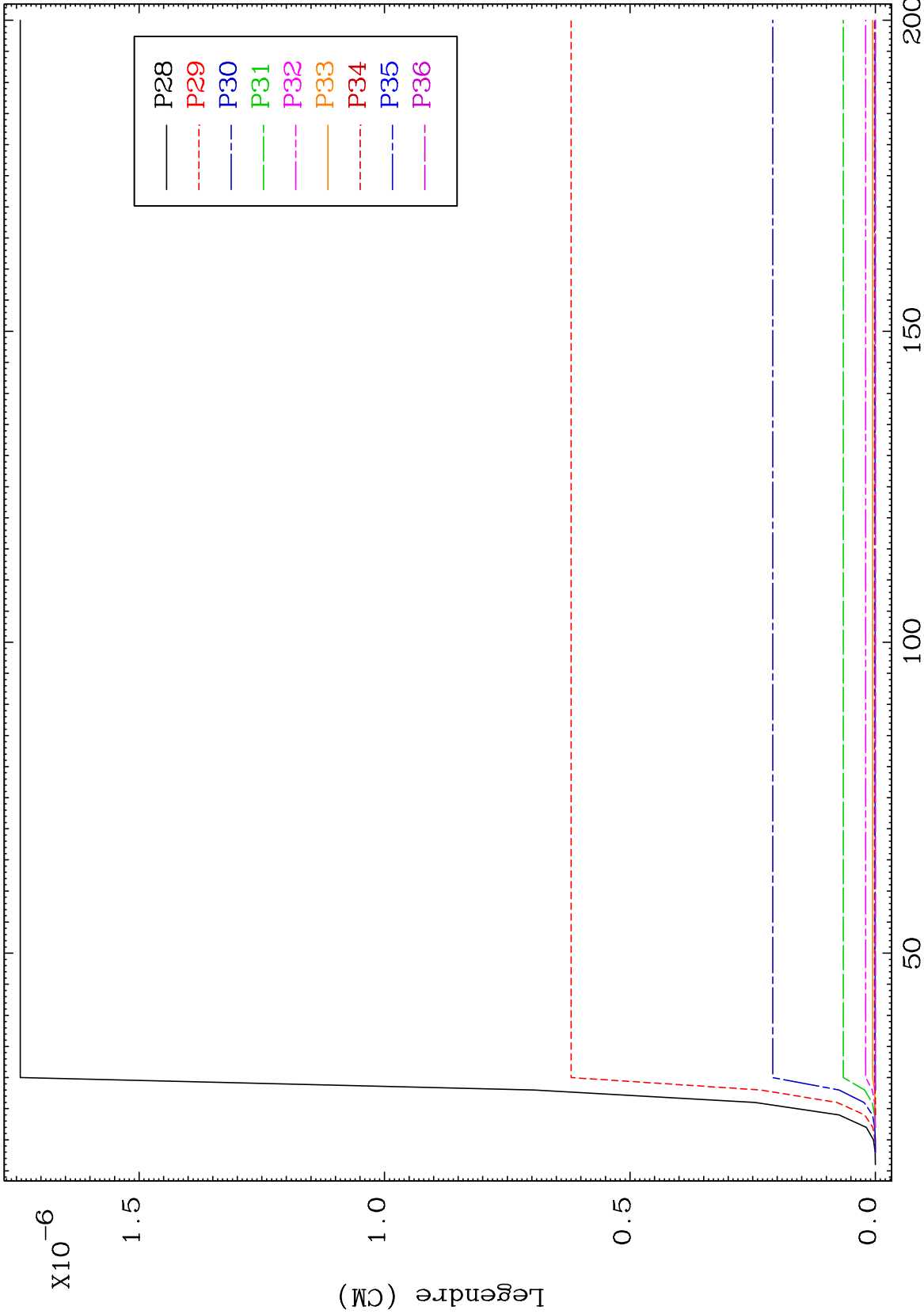
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



134

Incident Energy (MeV)

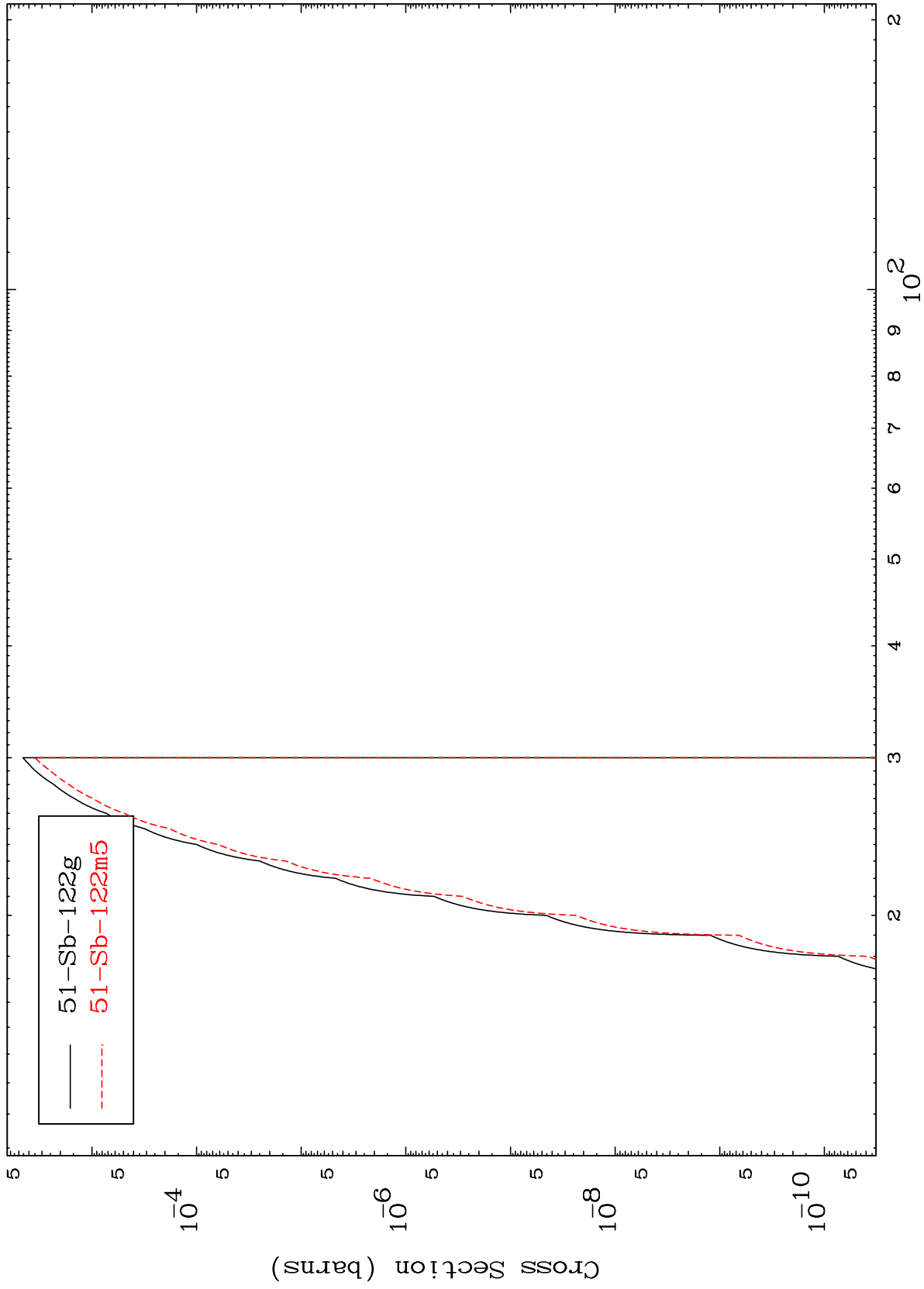
53-I -127

MAT 5325

(n,2n) α

53-I -127

Radionuclide Production Cross Section



135

Incident Energy (MeV)

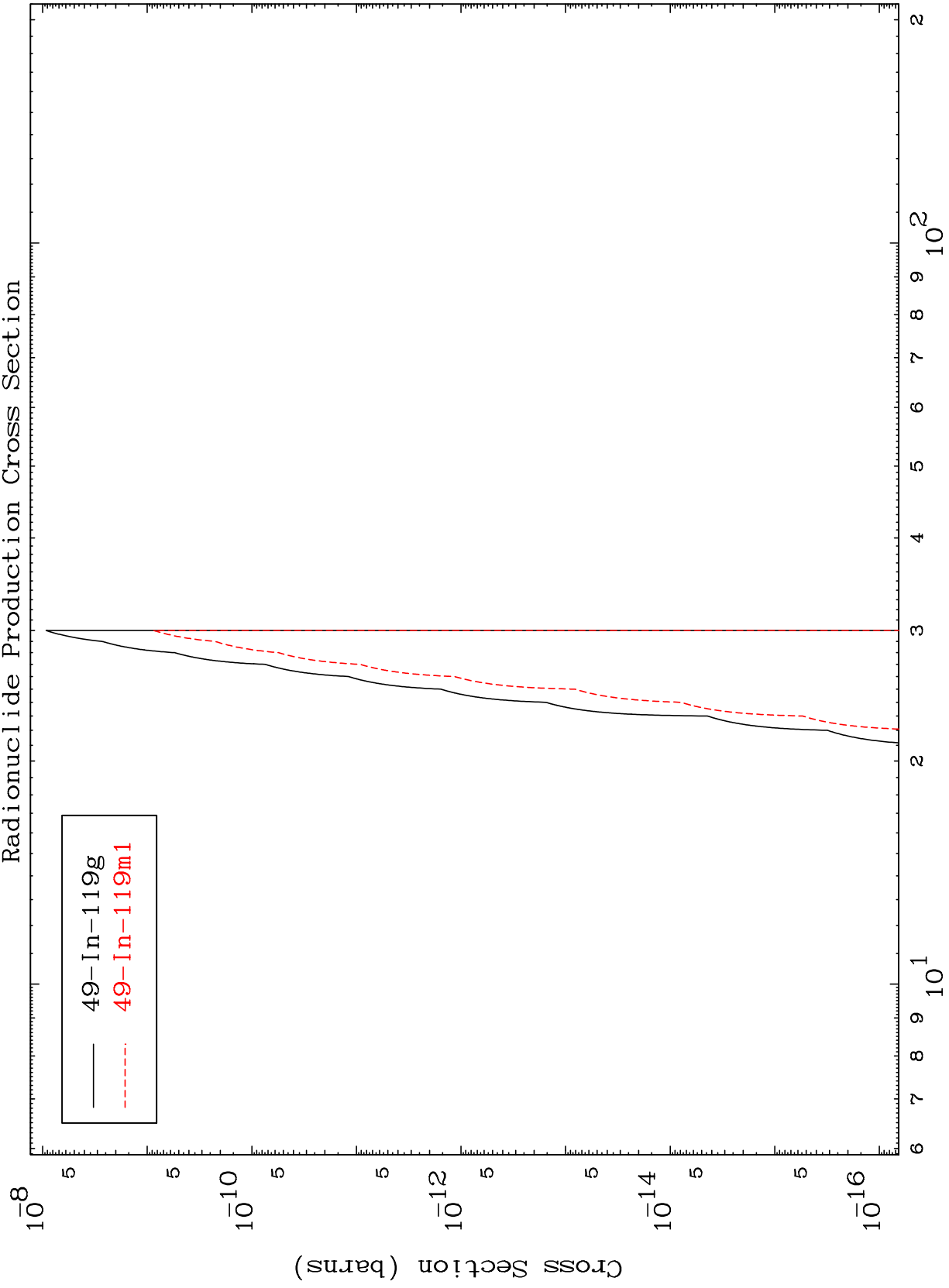
53-I -127

MAT 5325

(n,n') 2 α

53-I -127

Radionuclide Production Cross Section



— 49-In-119g
- - - 49-In-119m1

136

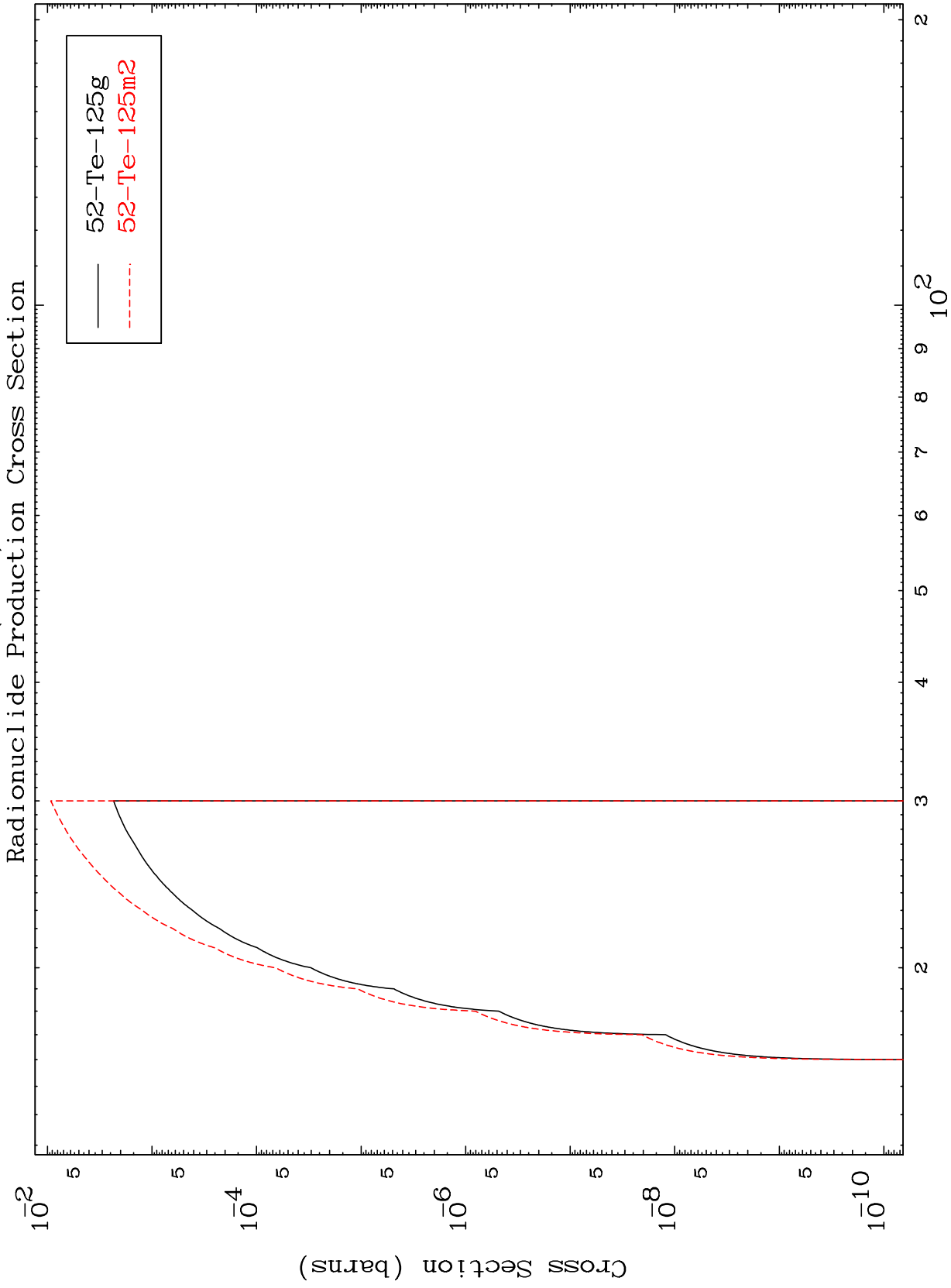
Incident Energy (MeV)

53-I -127

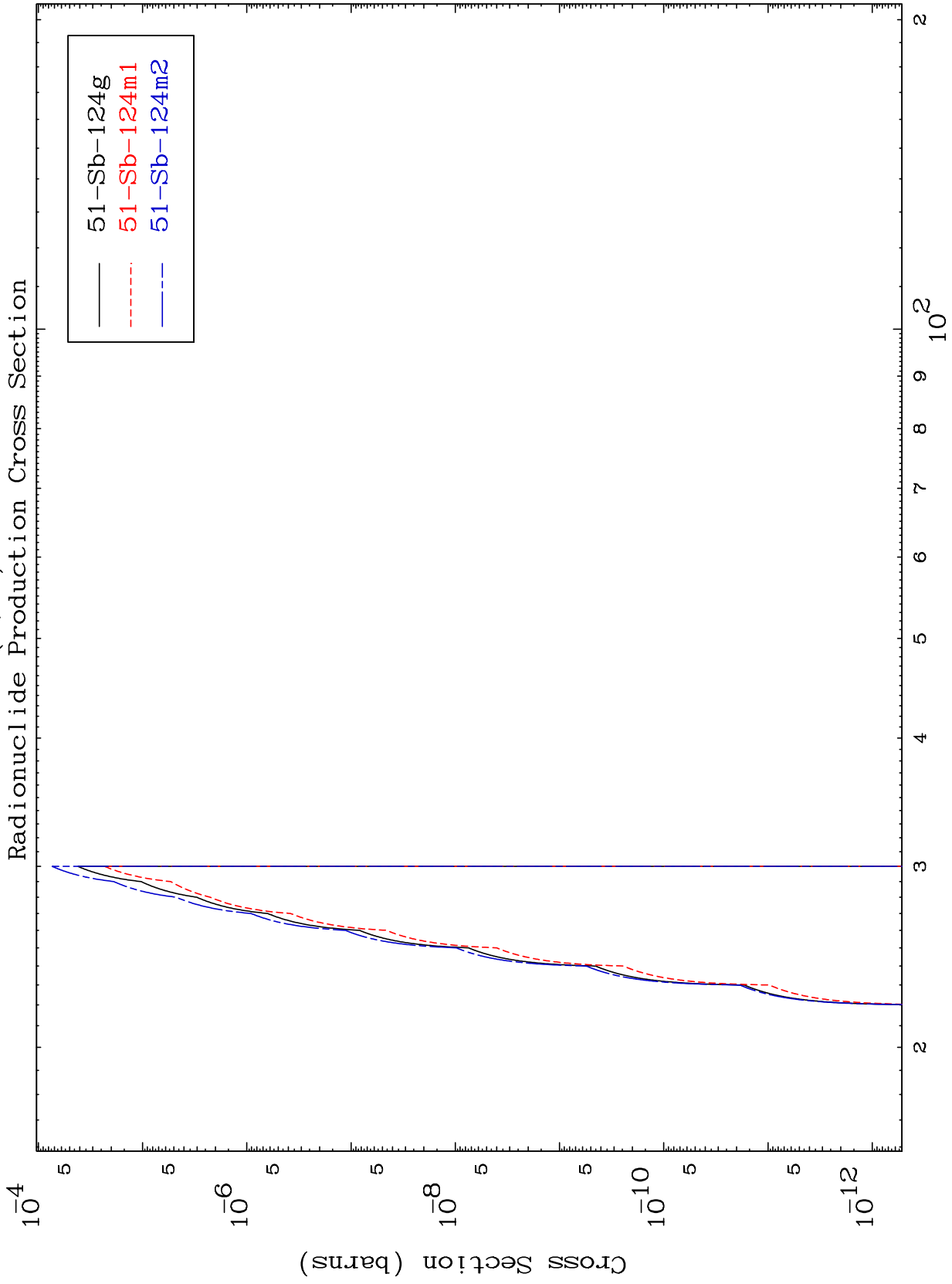
MAT 5325

(n,n') d

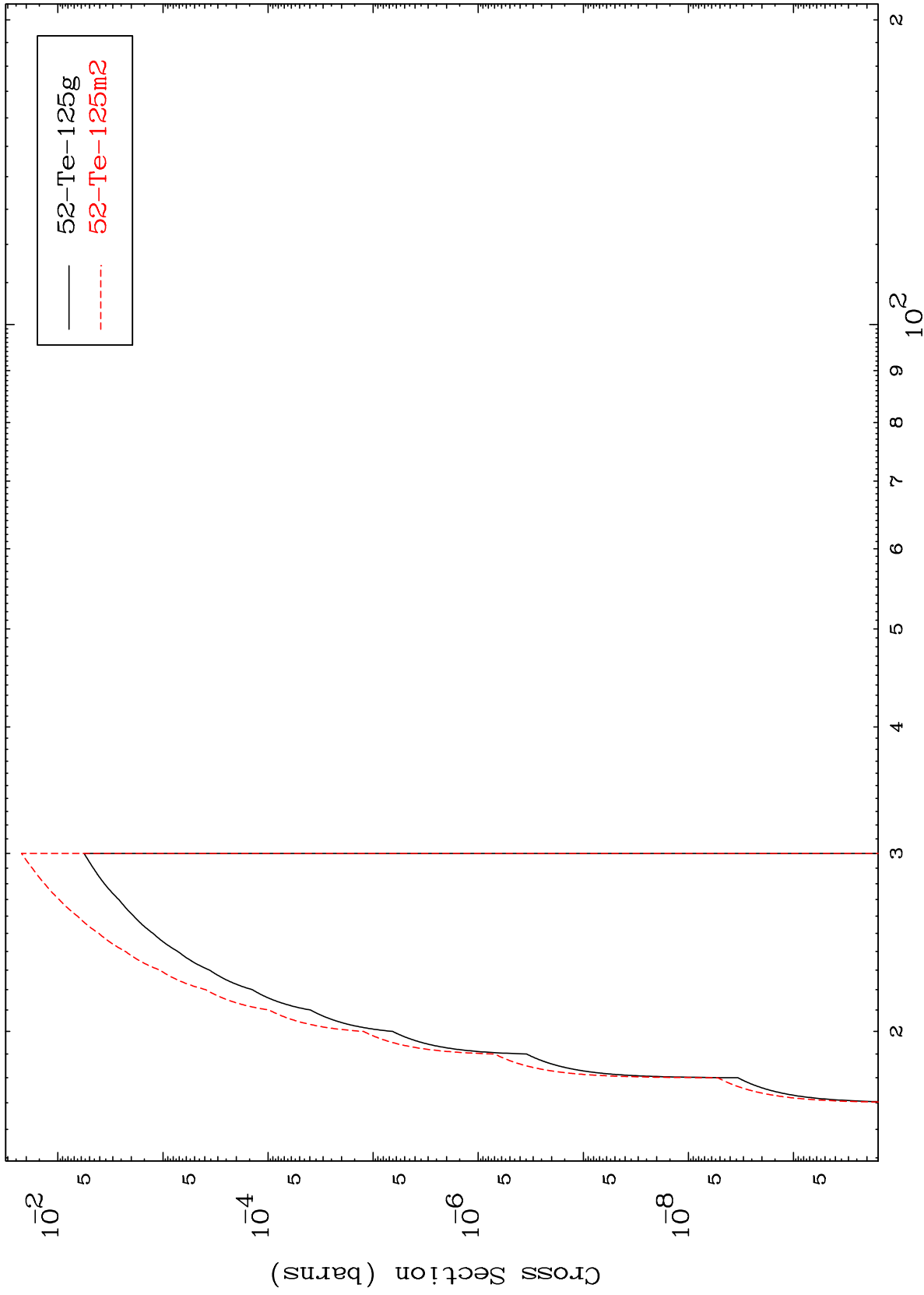
53-I -127



137



Radionuclide Production Cross Section

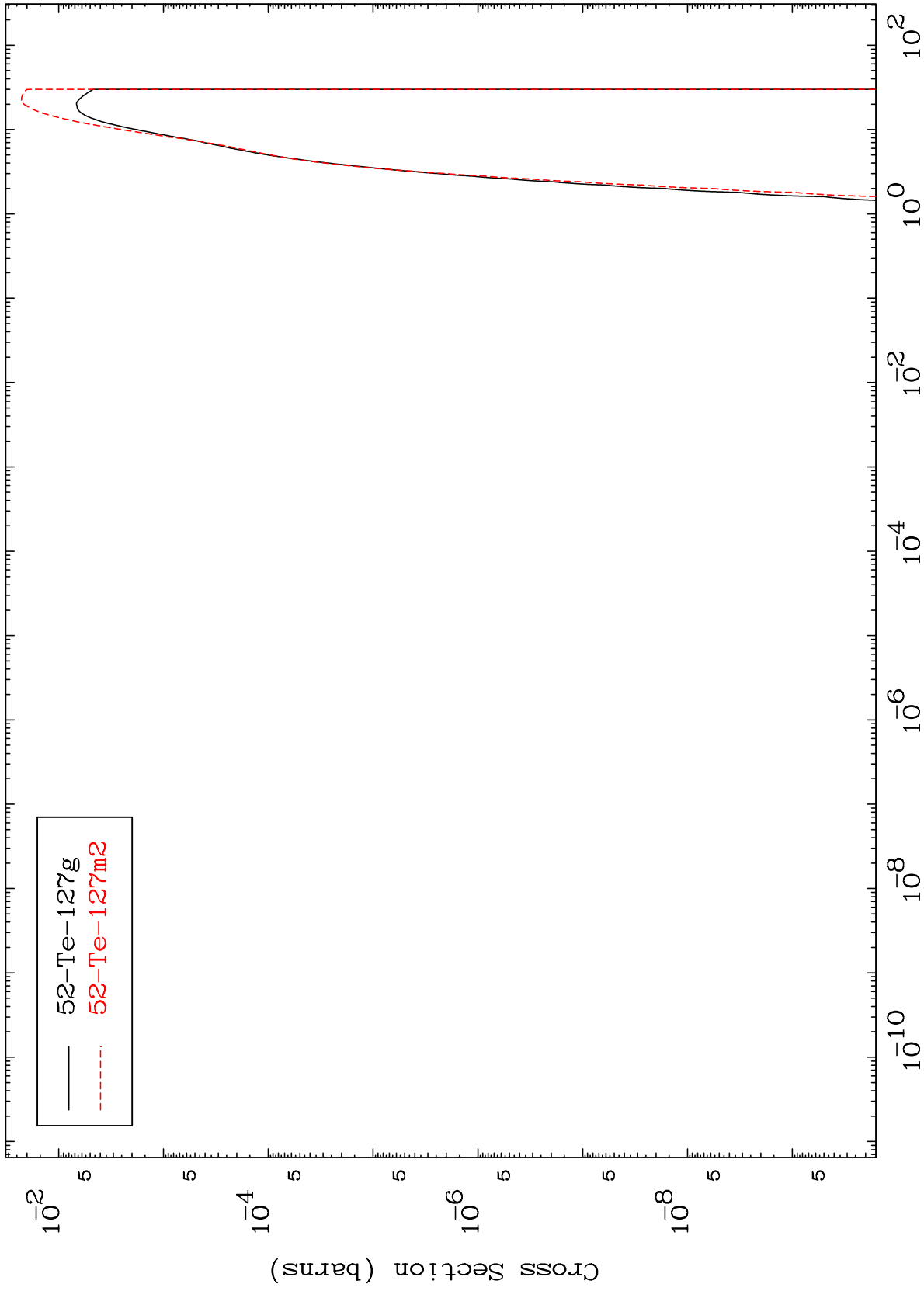


MAT 5325

(n,p)

53-I -127

Radionuclide Production Cross Section



140

Incident Energy (MeV)

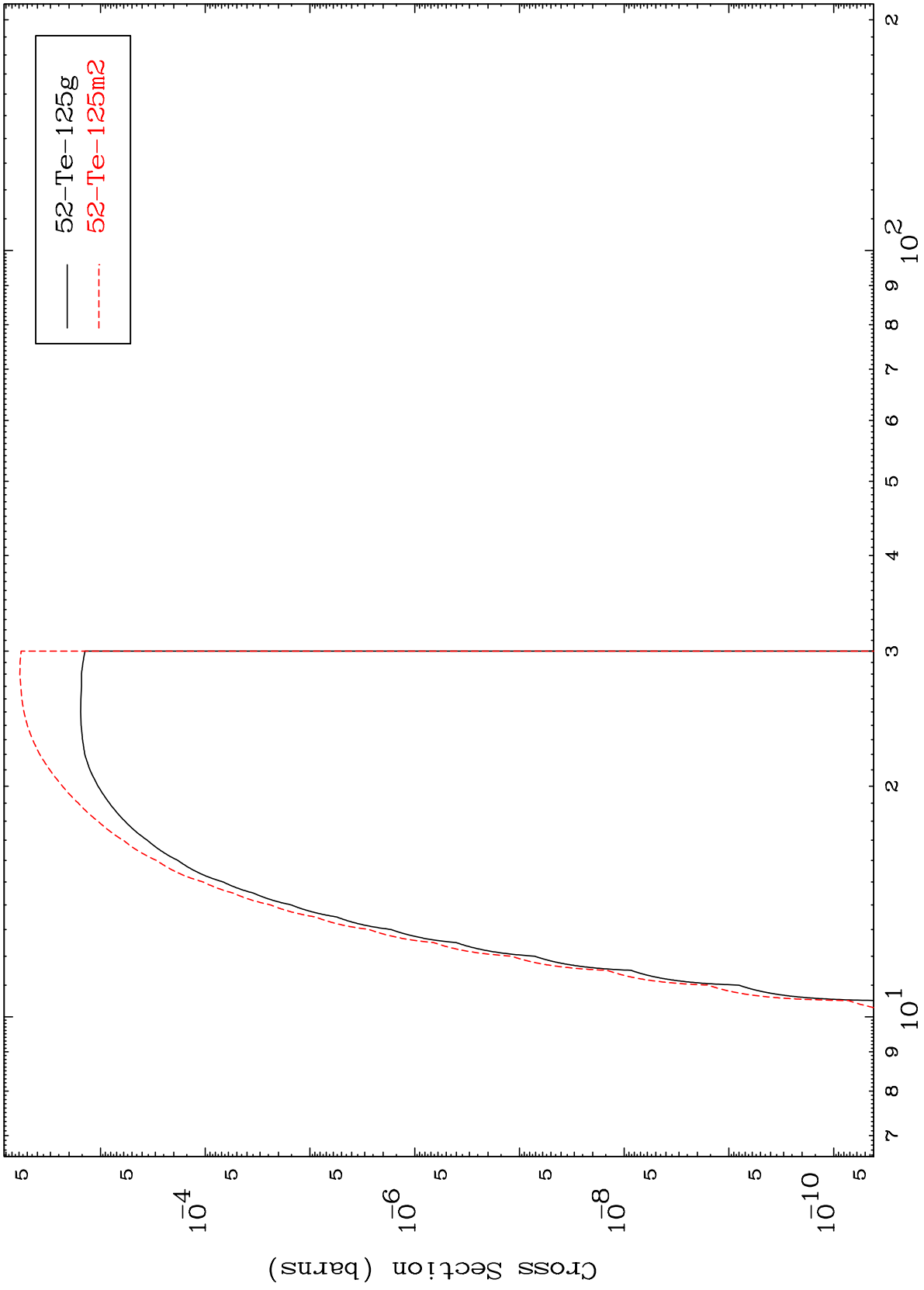
53-I -127

MAT 5325

(n, t)

53-I -127

Radionuclide Production Cross Section



141

Incident Energy (MeV)

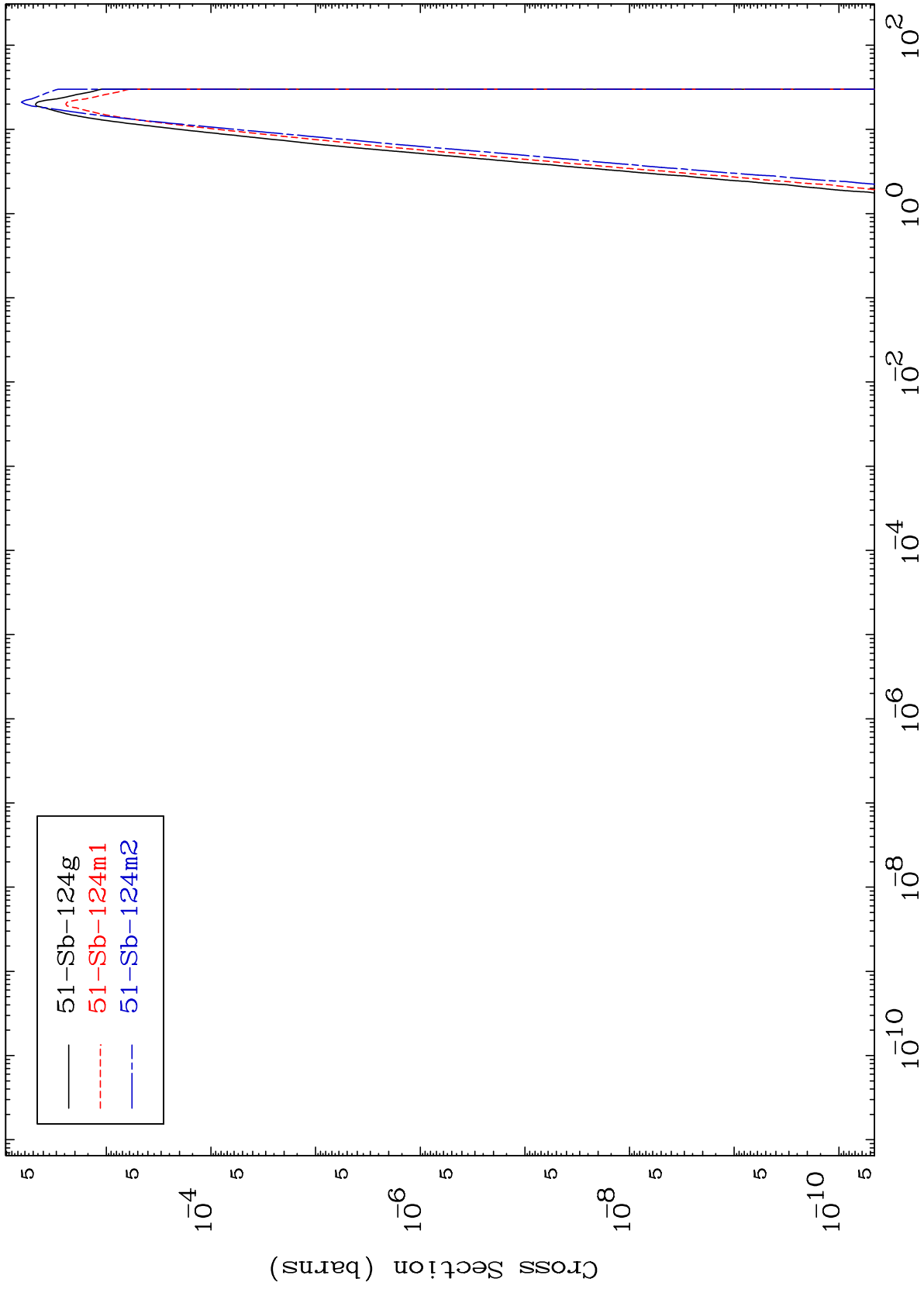
53-I -127

MAT 5325

(n, α)

53-I -127

Radionuclide Production Cross Section



142

Incident Energy (MeV)

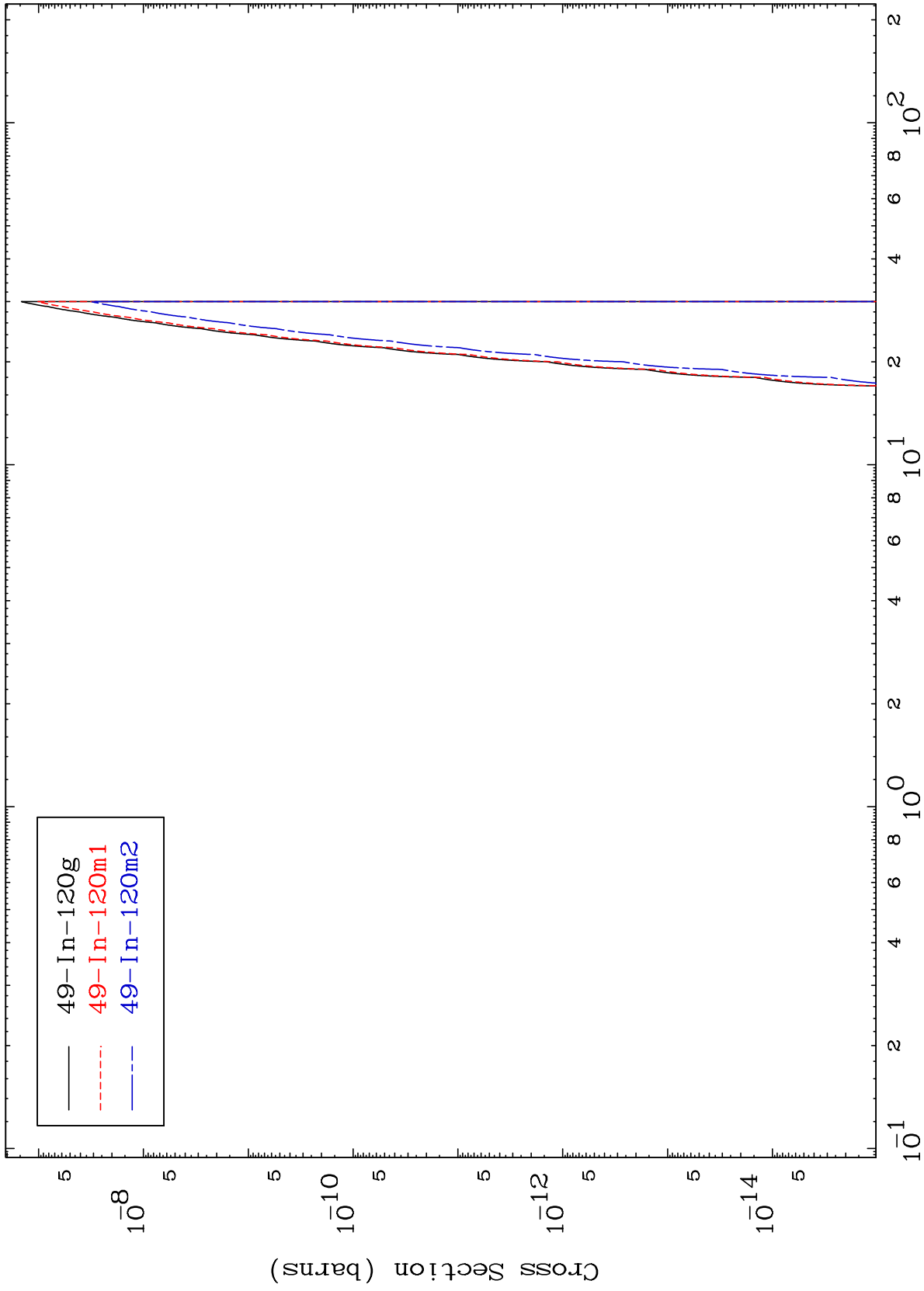
53-I -127

MAT 5325

(n,2α)

53-I -127

Radionuclide Production Cross Section



143

Incident Energy (MeV)

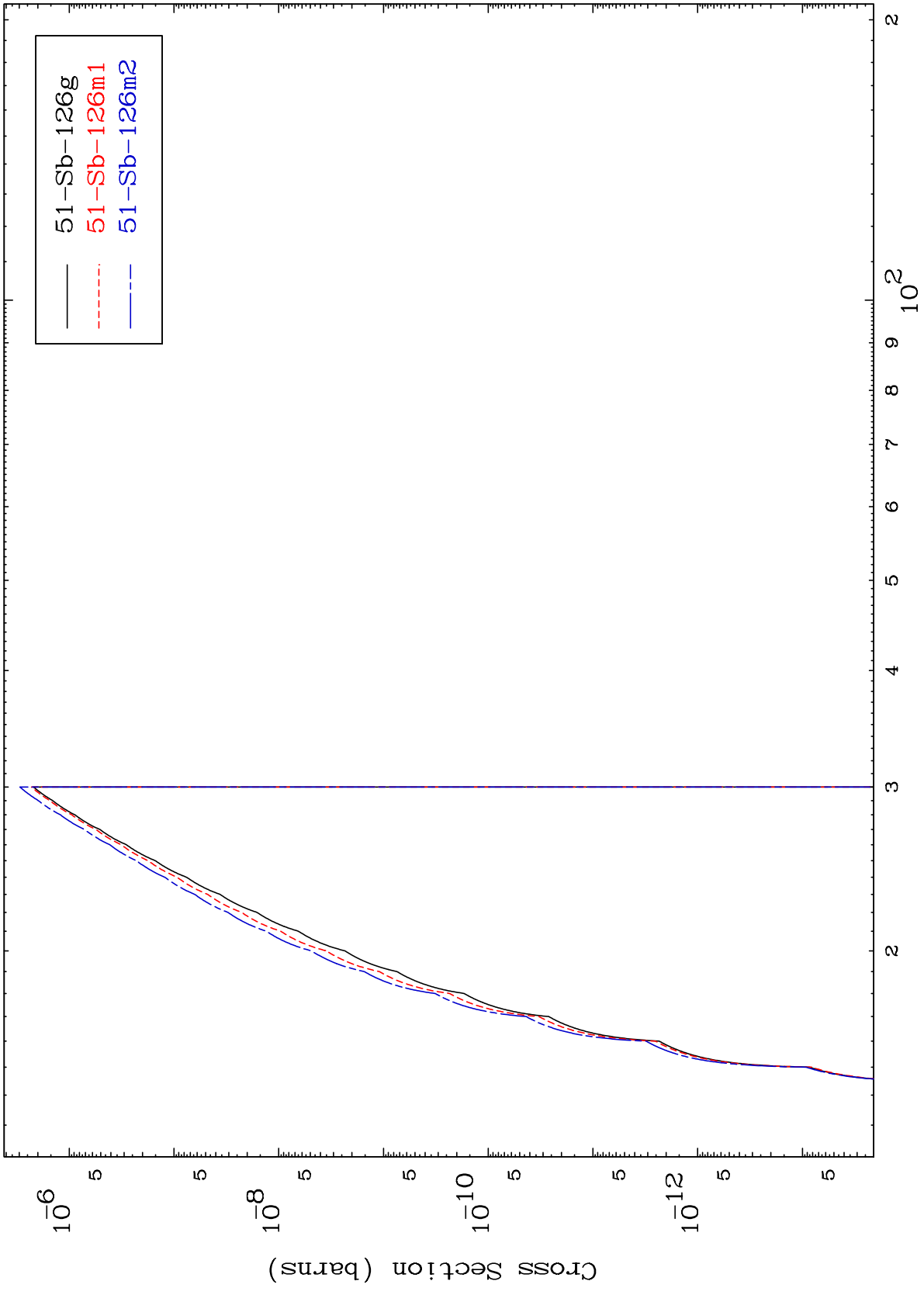
53-I -127

MAT 5325

(n,2p)

53-I -127

Radionuclide Production Cross Section



144

Incident Energy (MeV)

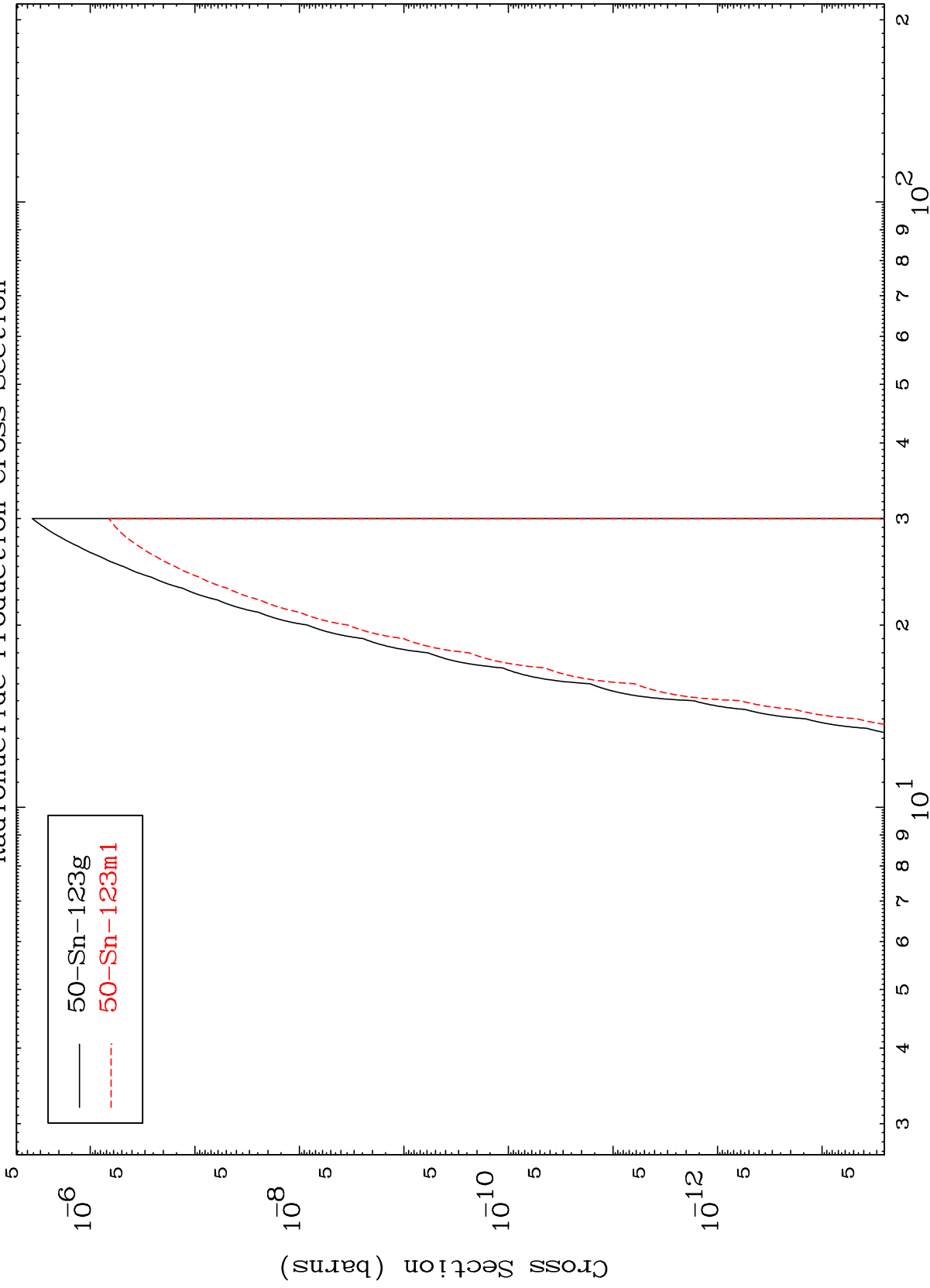
53-I -127

MAT 5325

(n,p) α

53-I -127

Radionuclide Production Cross Section



— 50-Sn-123g
- - - 50-Sn-123m1

145

Incident Energy (MeV)

53-I -127

Radionuclide Production Cross Section

