

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

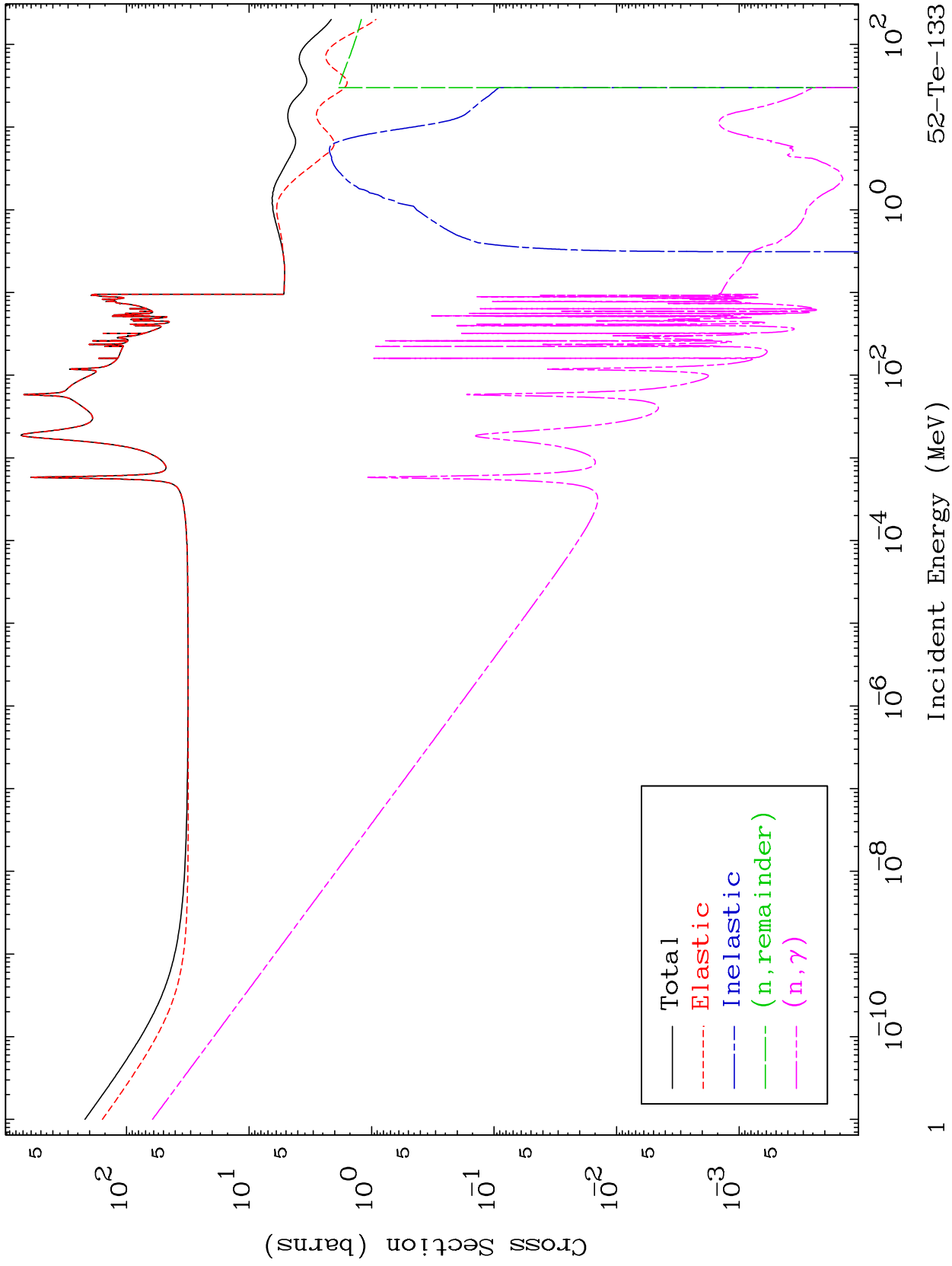
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5264

Major
293 Kelvin Cross Sections

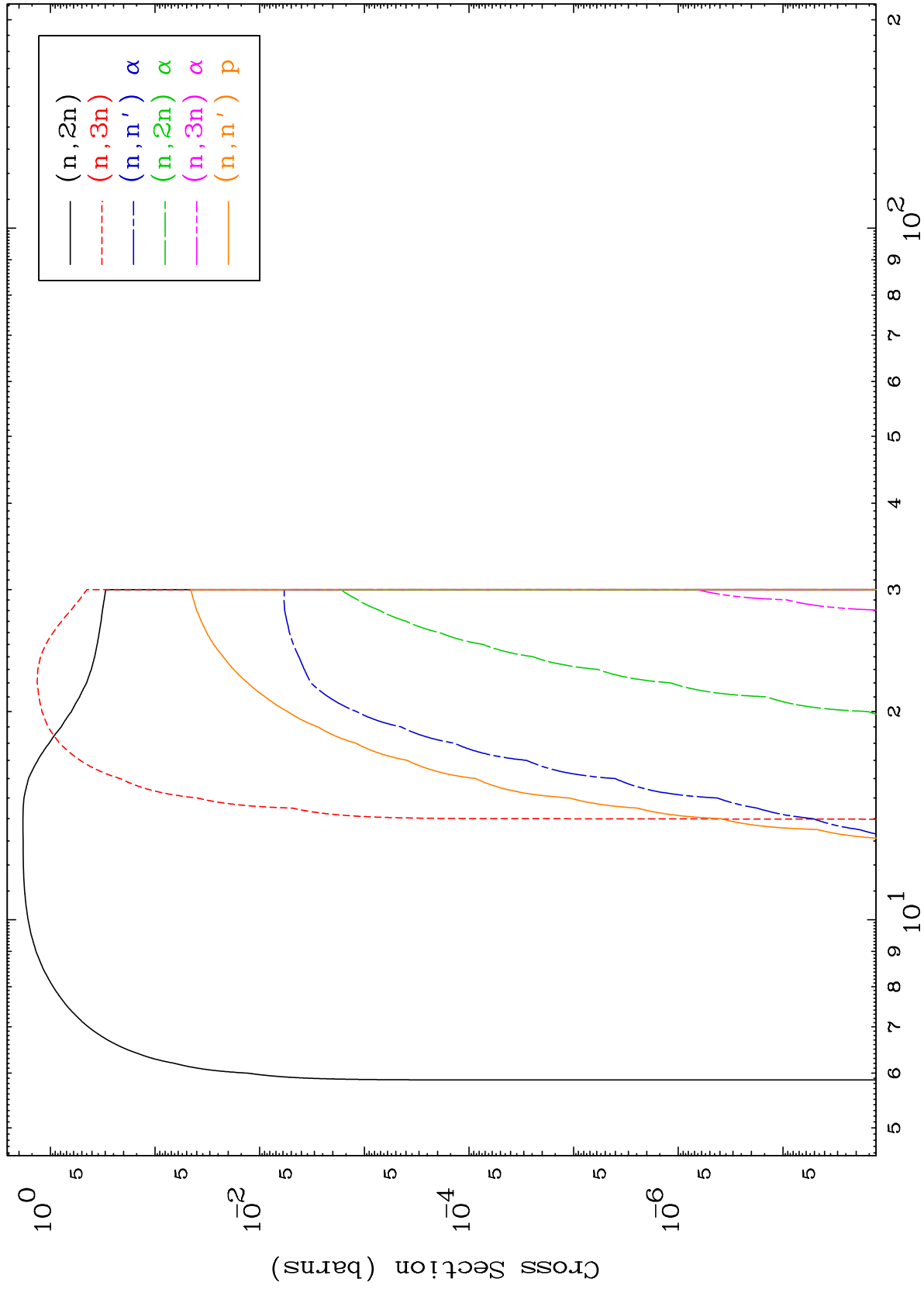
52-Te-133



MAT 5264

Neutron Production 293 Kelvin Cross Sections

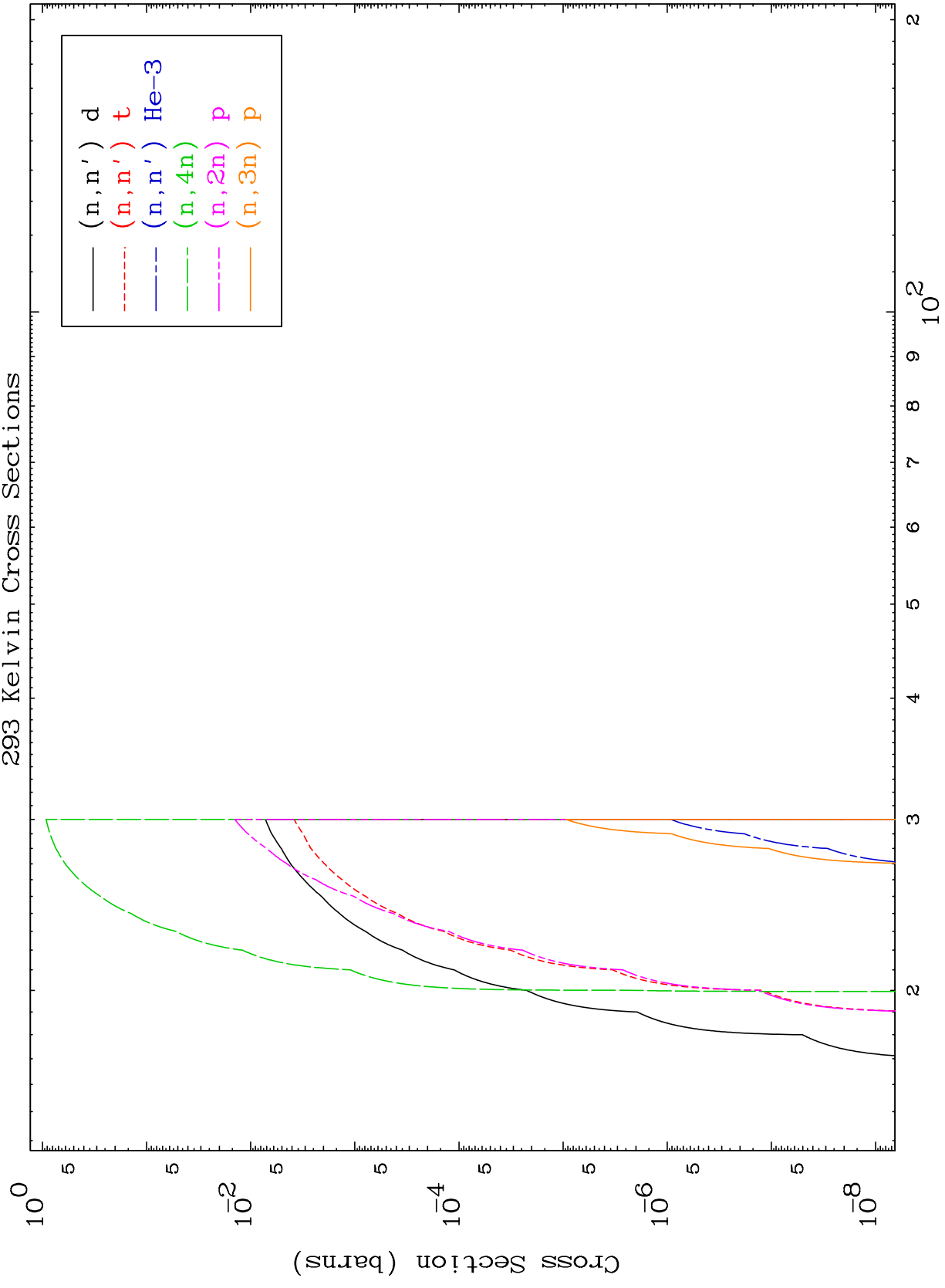
52-Te-133

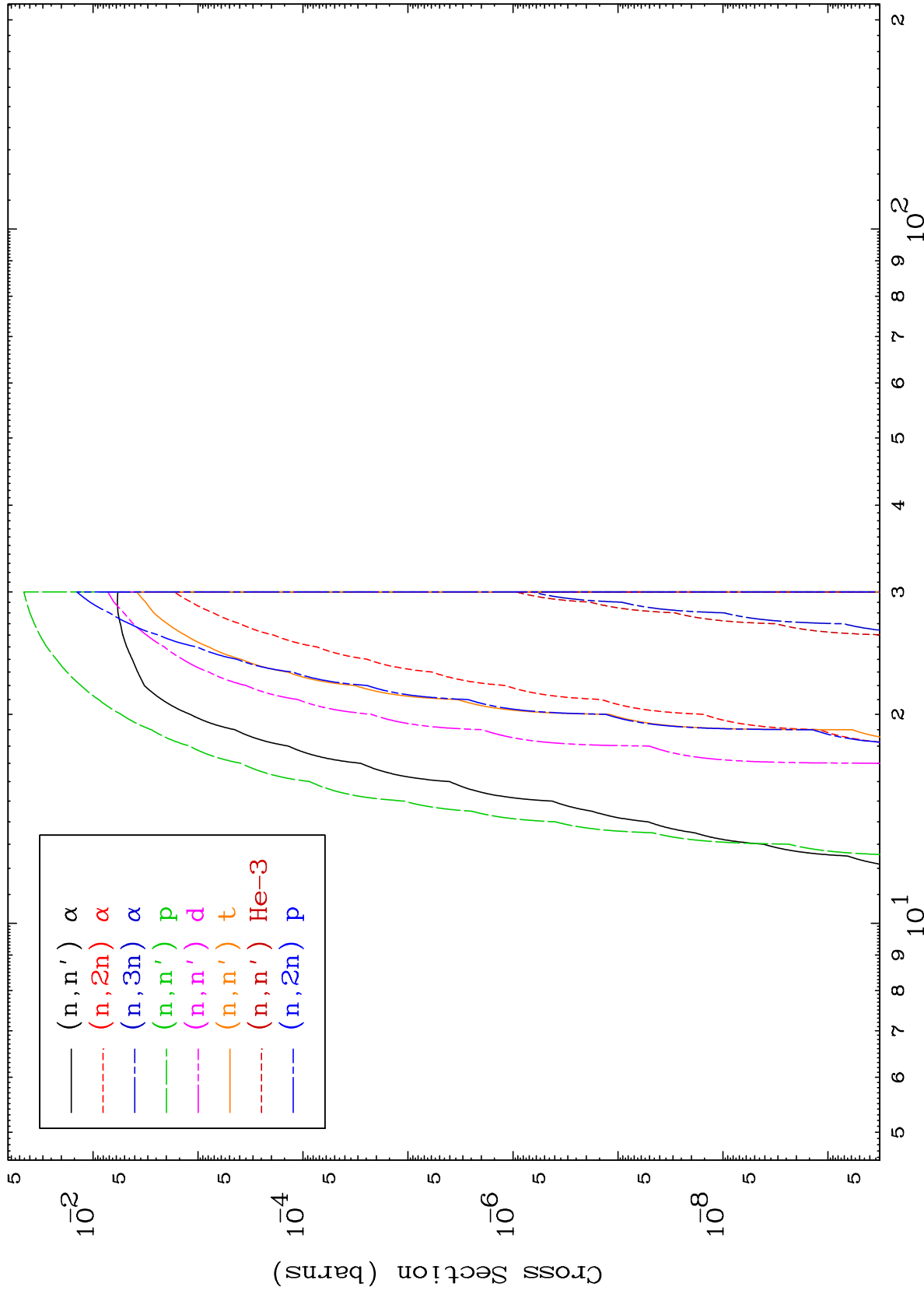


2

Incident Energy (MeV)

52-Te-133

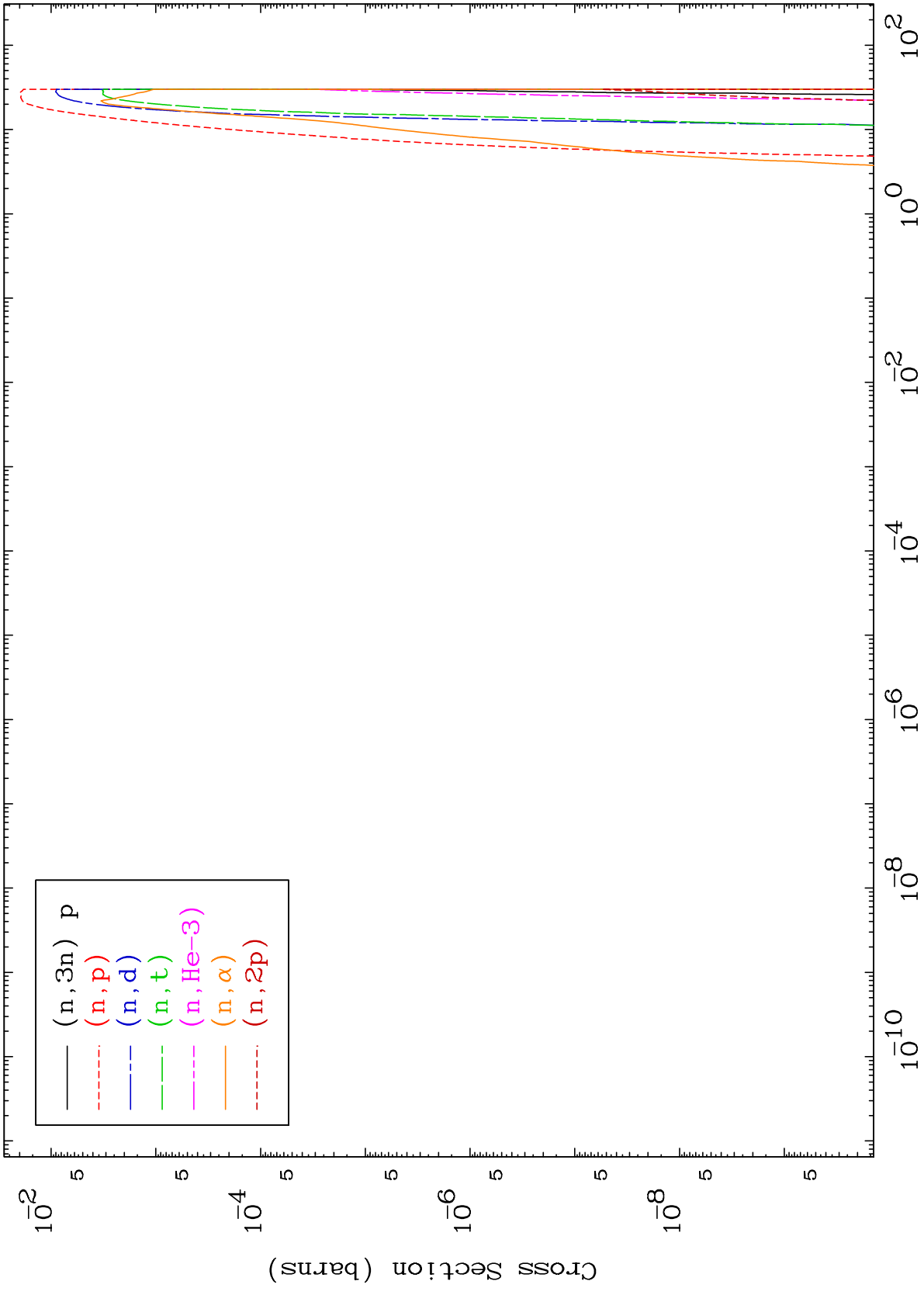




MAT 5264

Charged Particle
293 Kelvin Cross Sections

52-Te-133



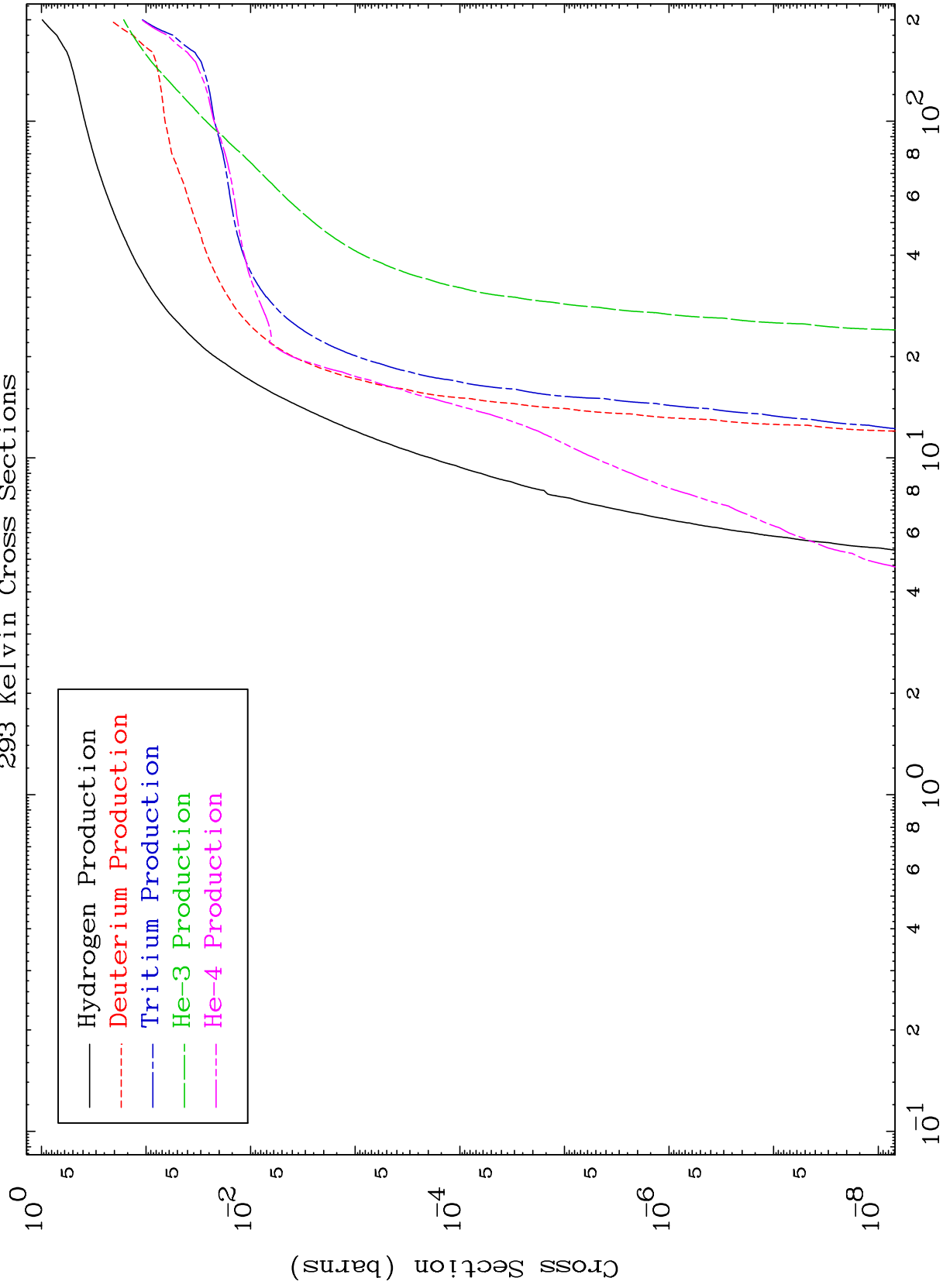
5

52-Te-133

MAT 5264

Particle Production
293 Kelvin Cross Sections

52-Te-133



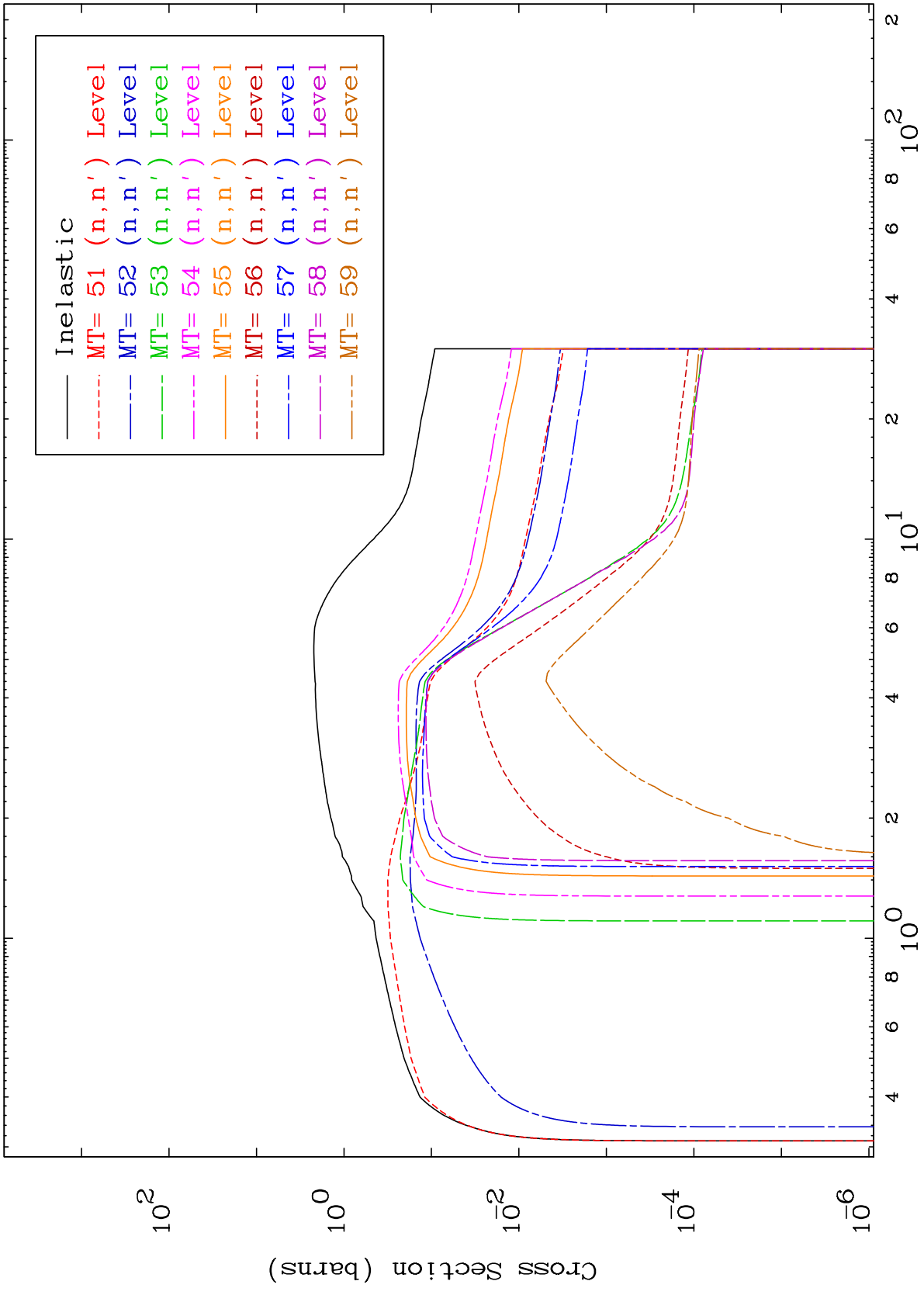
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,n') Level
293 Kelvin Cross Sections

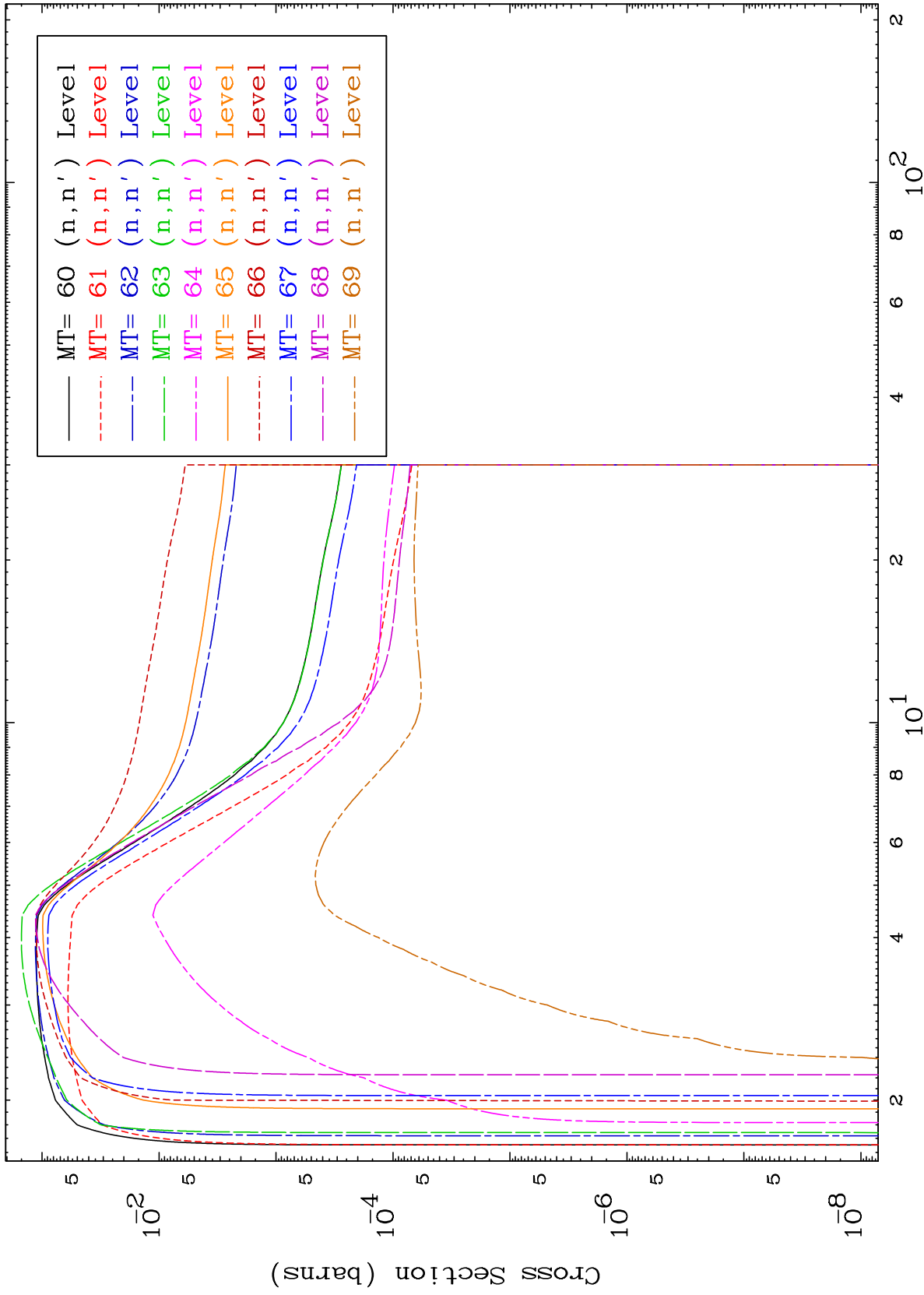
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MAT 5264

(n,n') Level
293 Kelvin Cross Sections

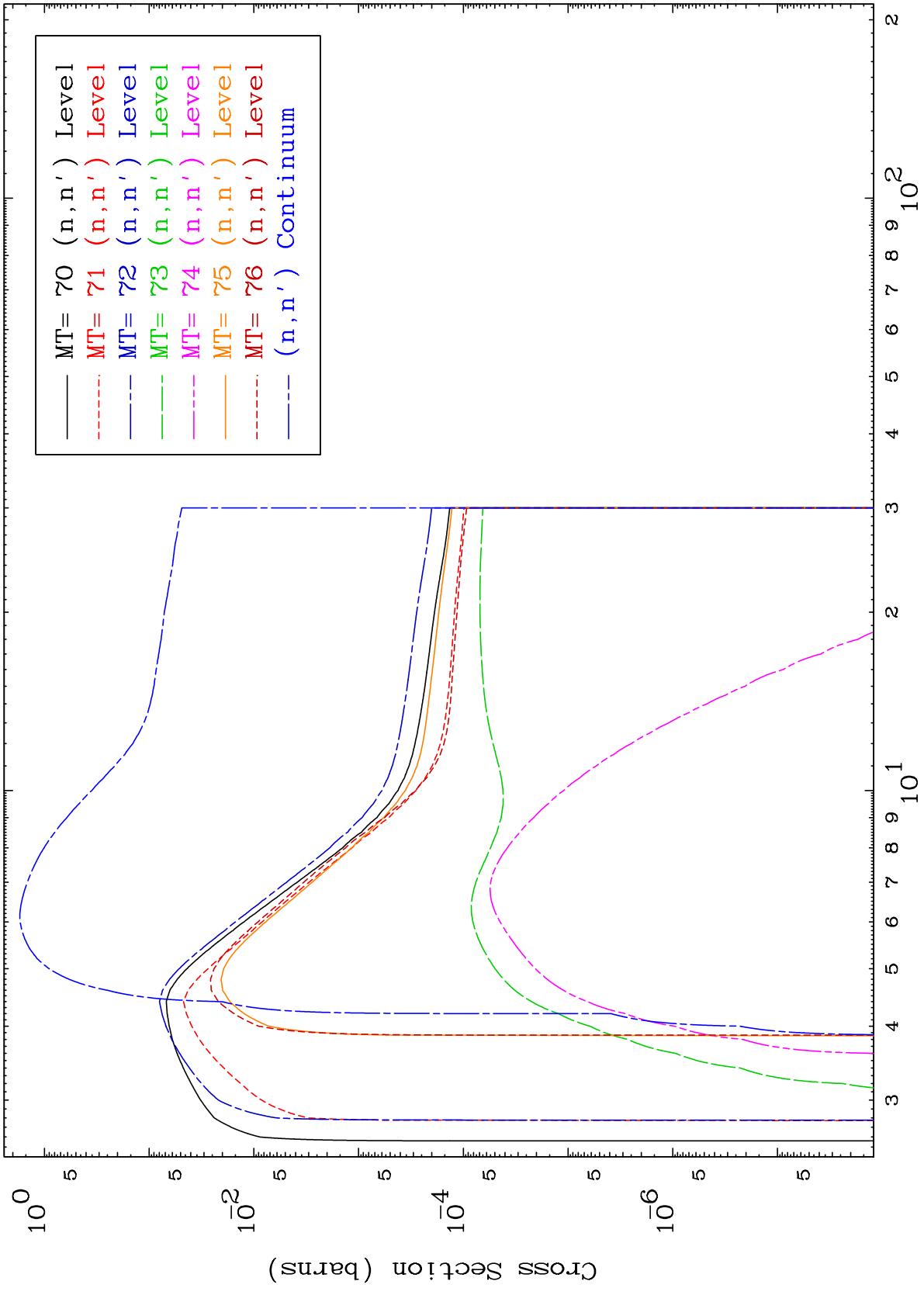
52-Te-133



8

Incident Energy (MeV)

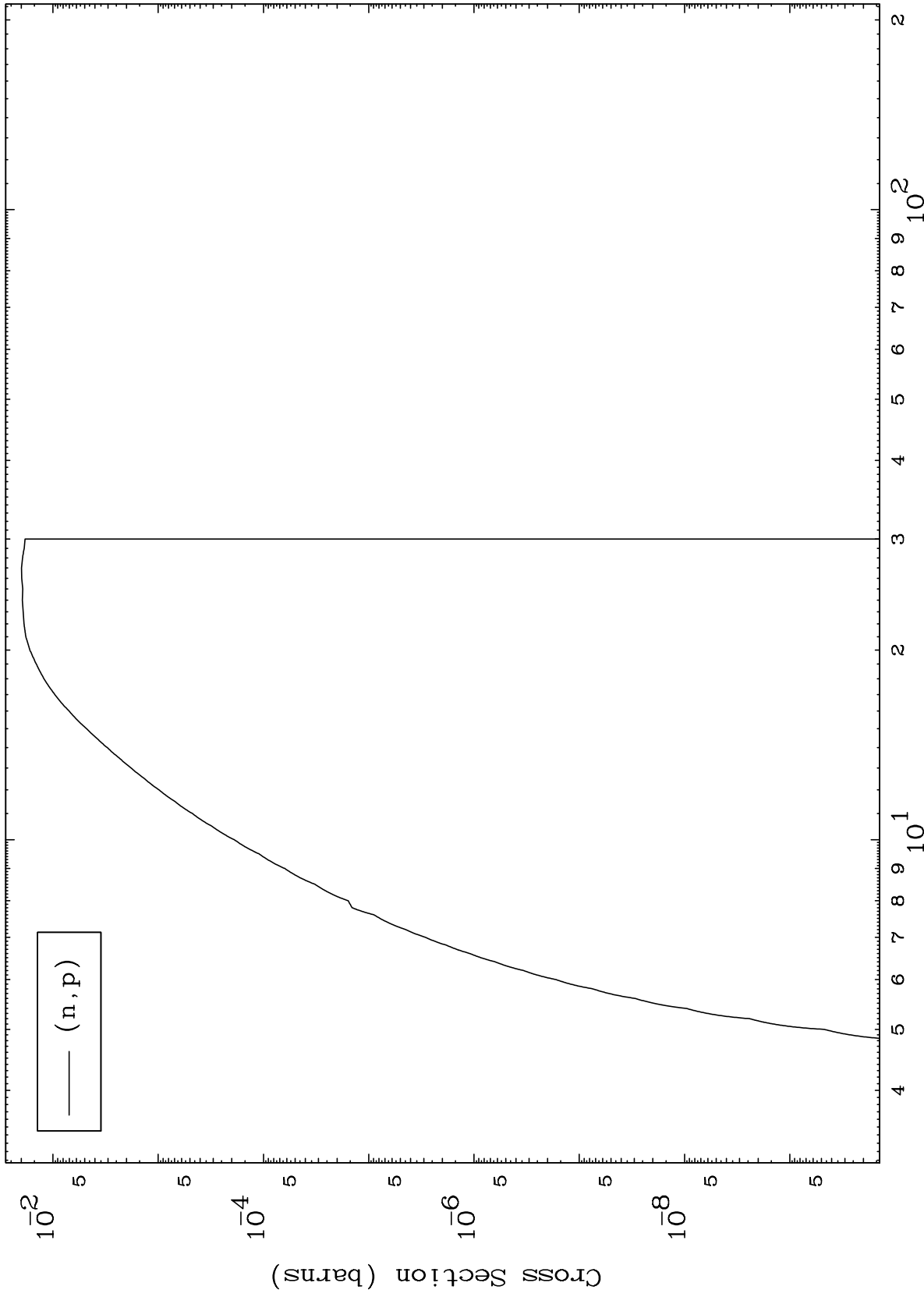
52-Te-133



MAT 5264

(n,p) Levels
293 Kelvin Cross Sections

52-Te-133



10

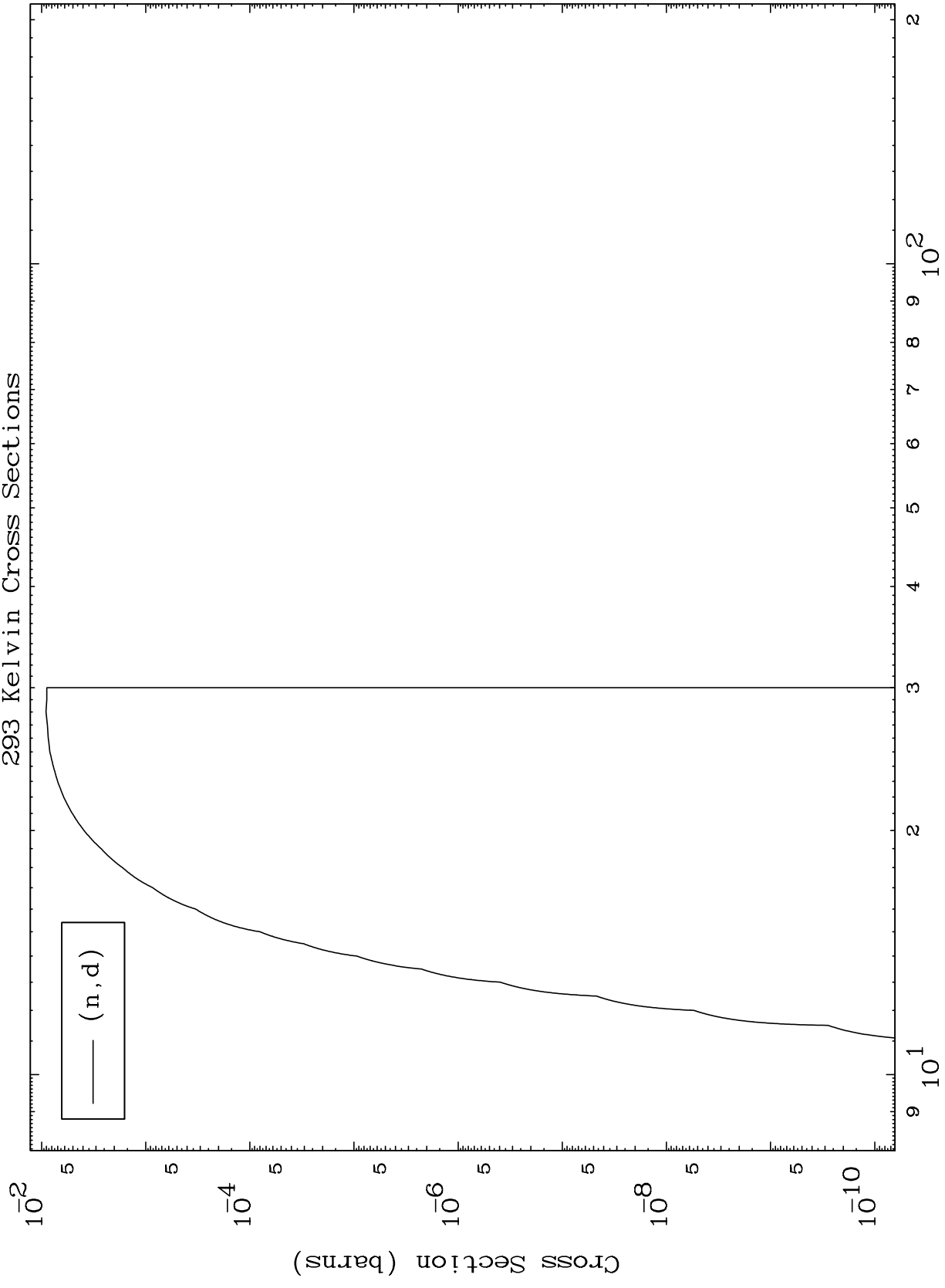
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,d) Levels
293 Kelvin Cross Sections

52-Te-133

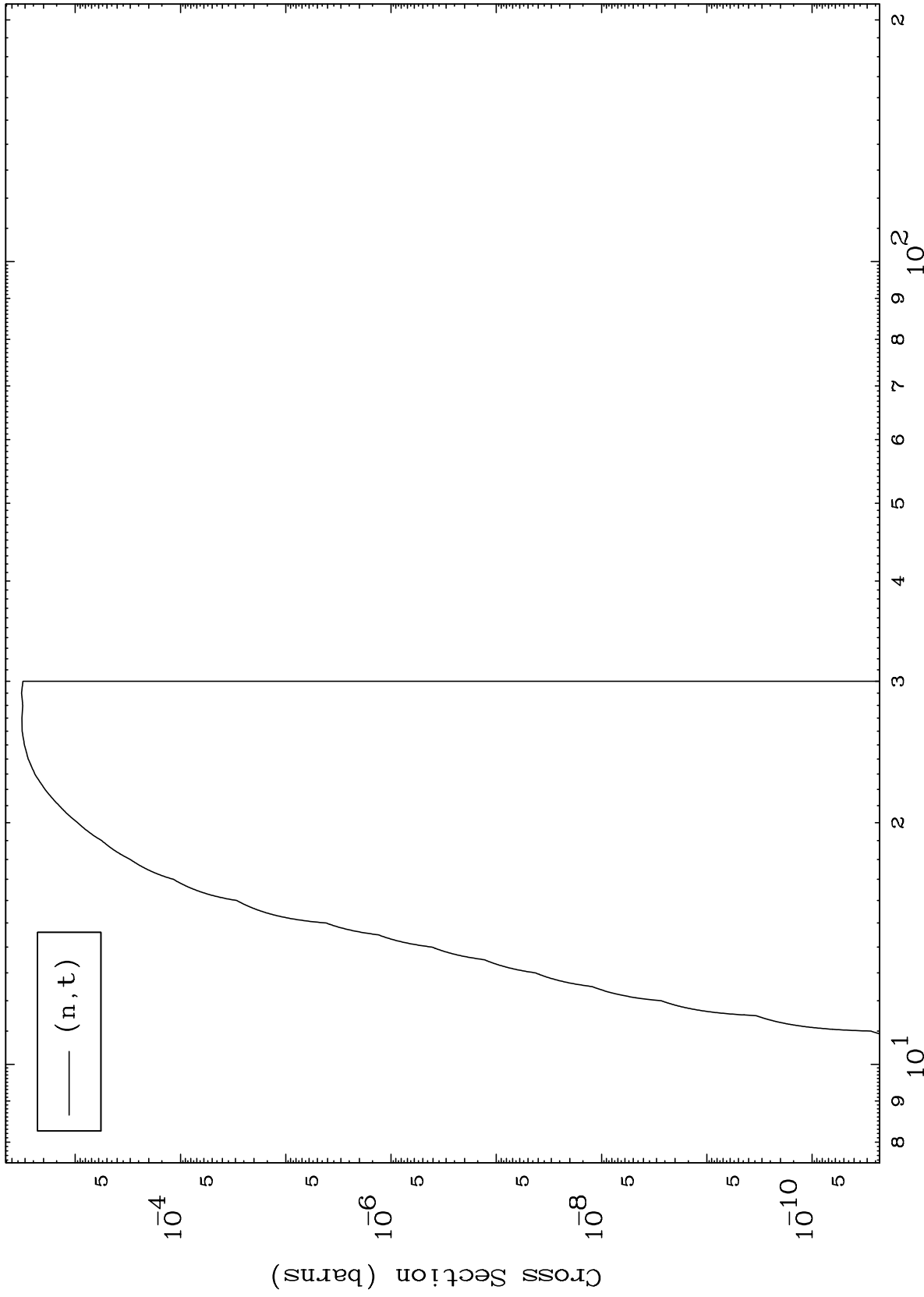


52-Te-133

MAT 5264

(n,t) Levels
293 Kelvin Cross Sections

52-Te-133



12

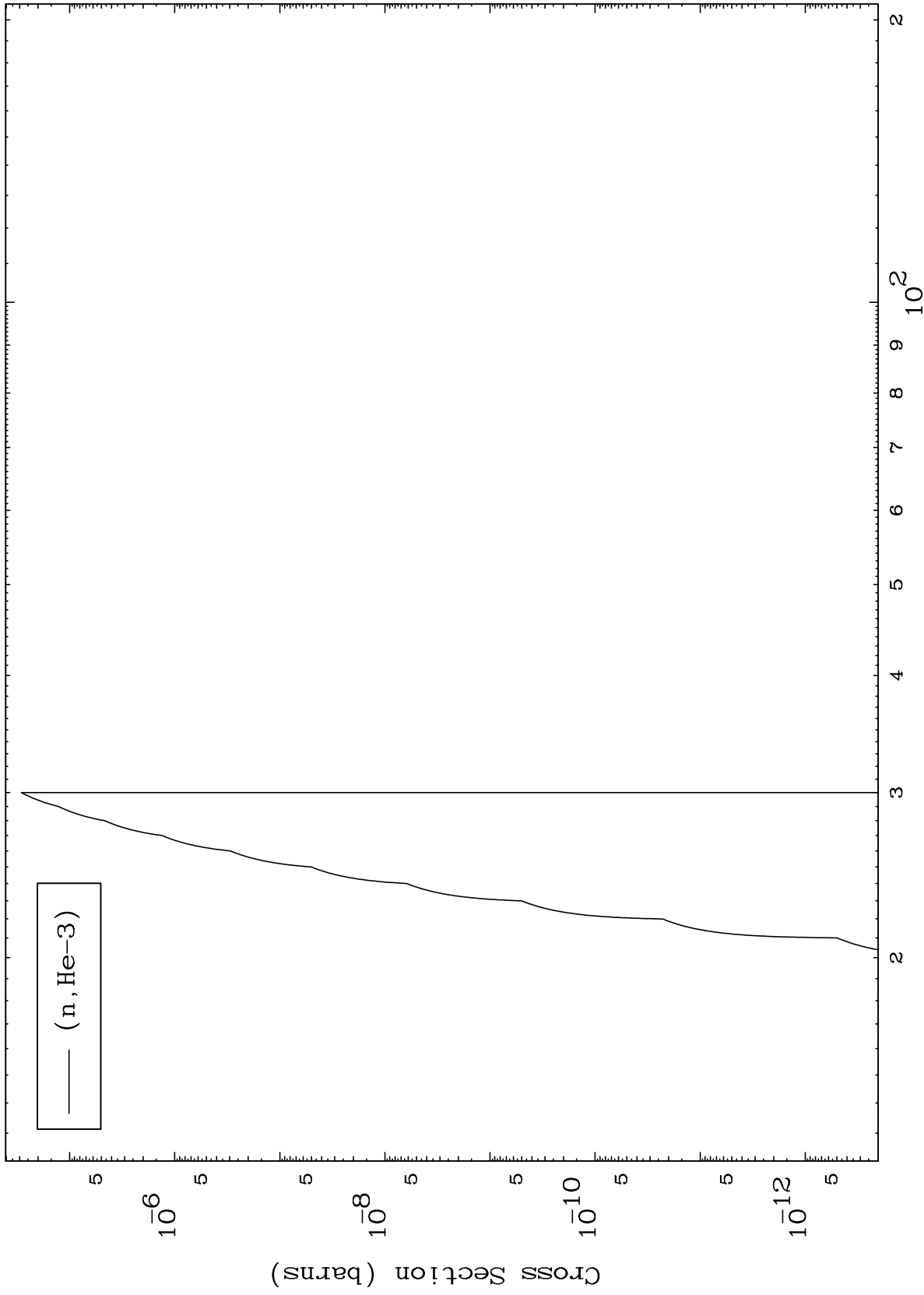
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-133



13

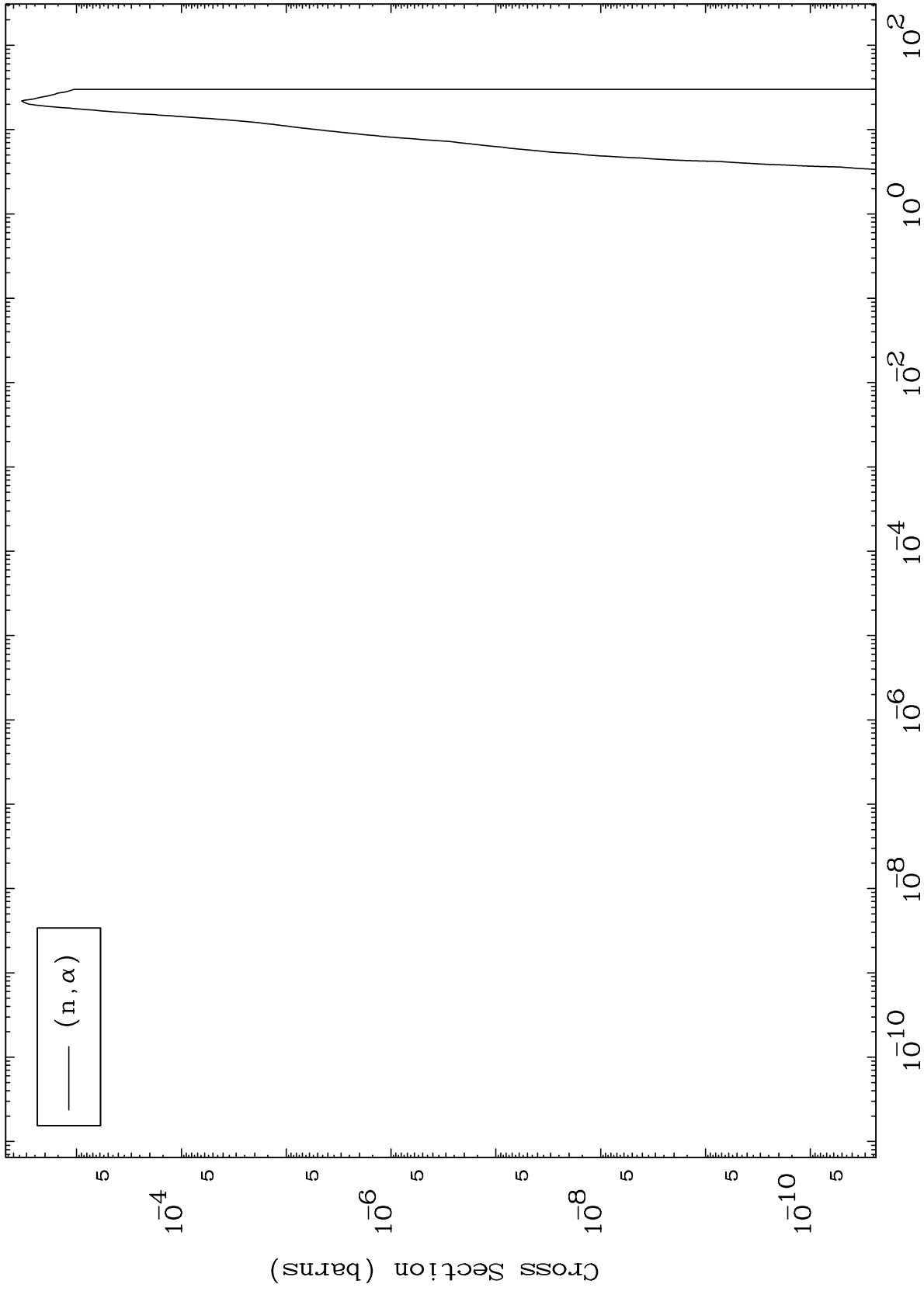
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,α) Levels
293 Kelvin Cross Sections

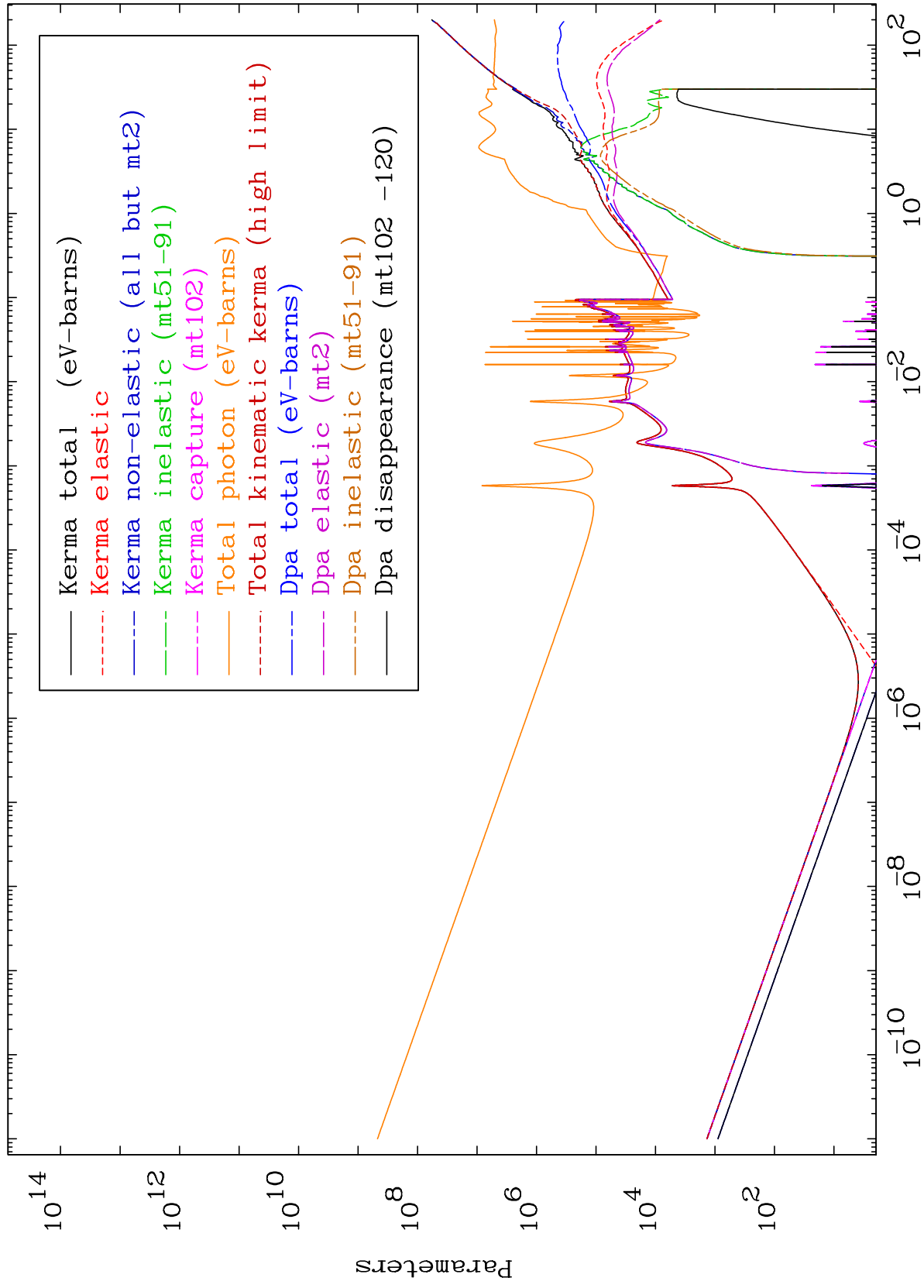
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14

Incident Energy (MeV)

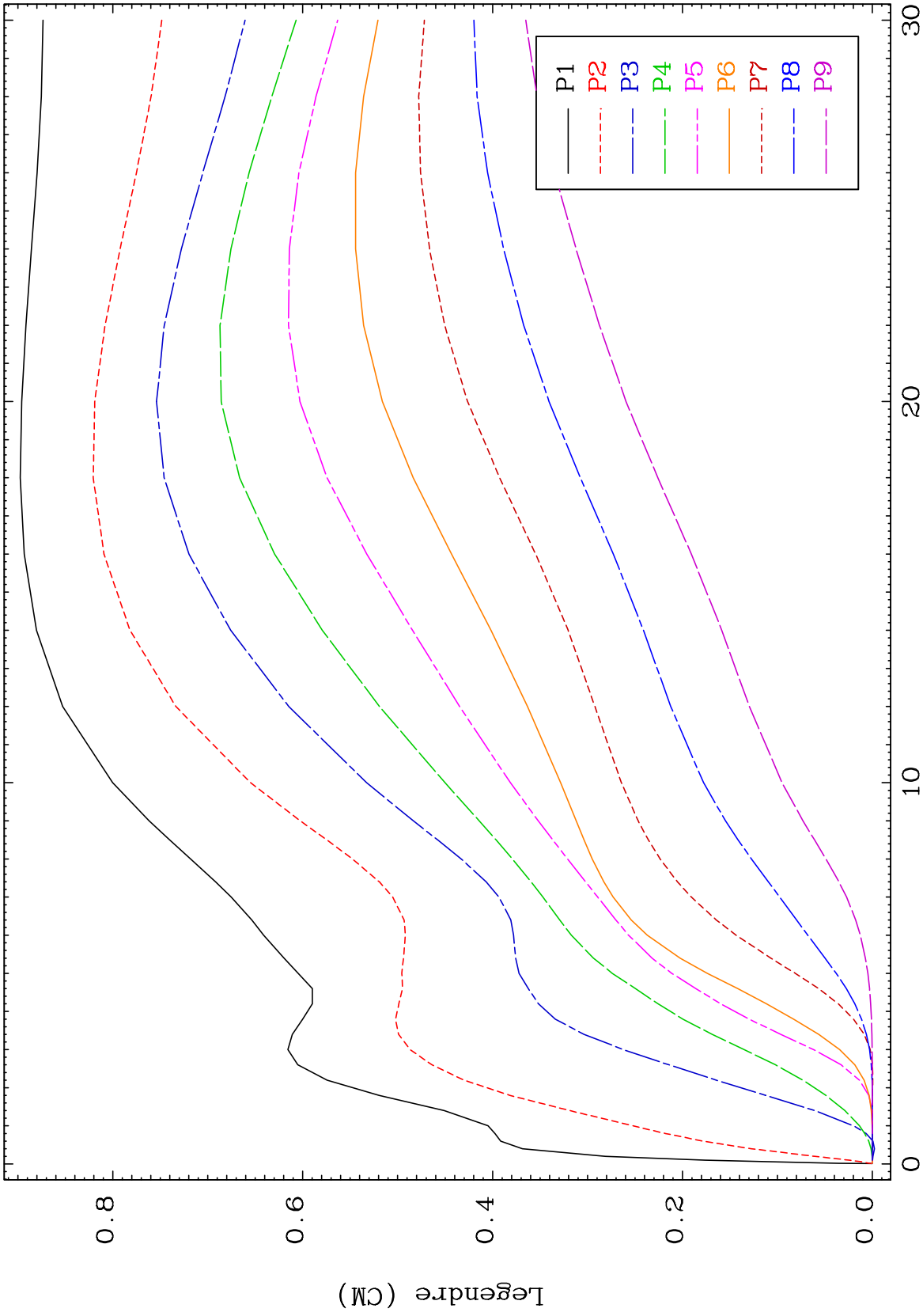
52-Te-133



MAT 5264

Elastic Legendre Coefficients

52-Te-133



16

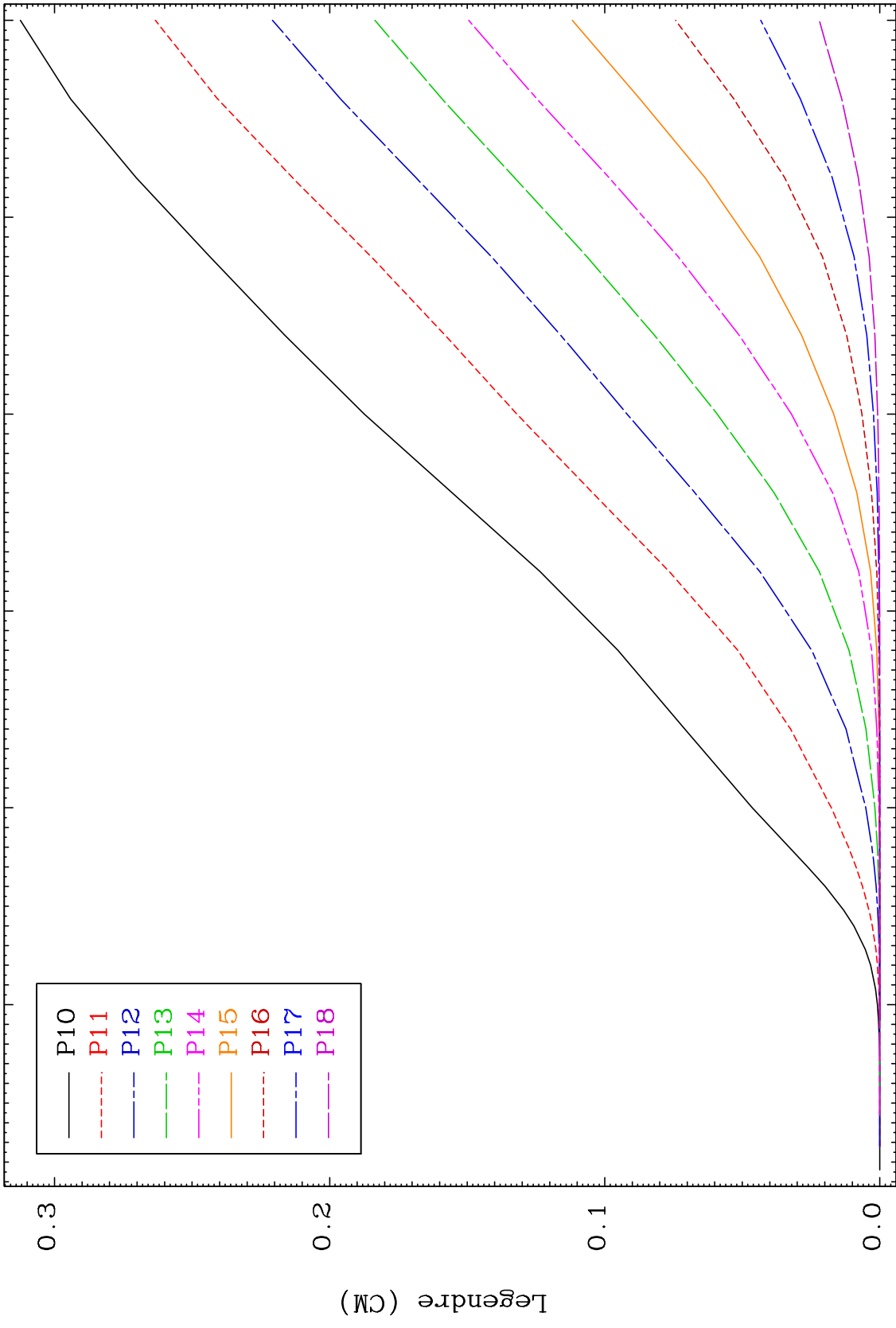
Incident Energy (MeV)

52-Te-133

MAT 5264

Elastic Legendre Coefficients

⁵²Te-133



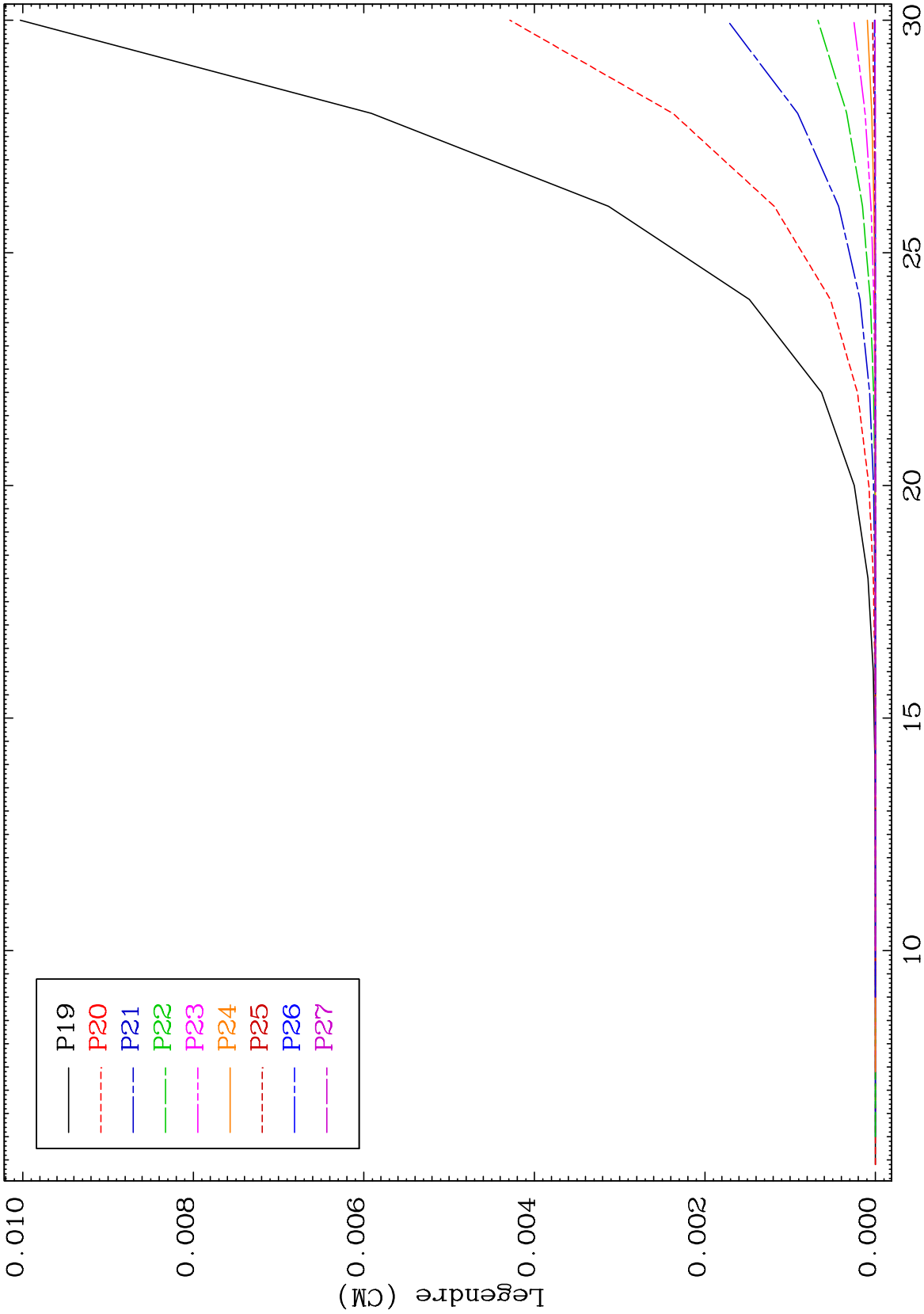
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⁵²Te-133

MAT 5264

Elastic Legendre Coefficients

⁵²Te-133



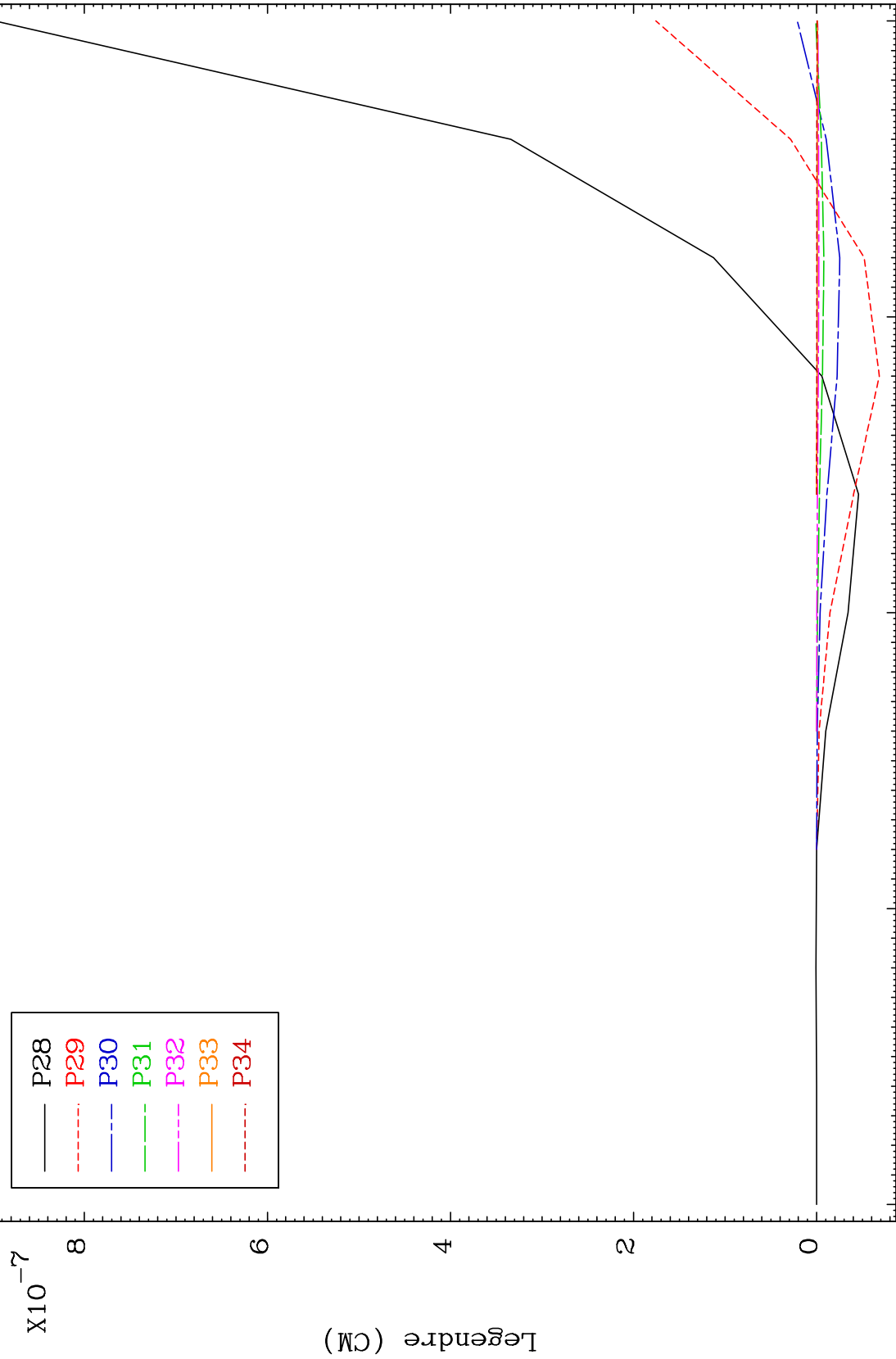
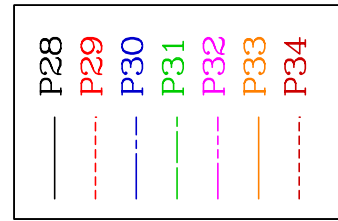
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⁵²Te-133

MAT 5264

Elastic Legendre Coefficients

52-Te-133

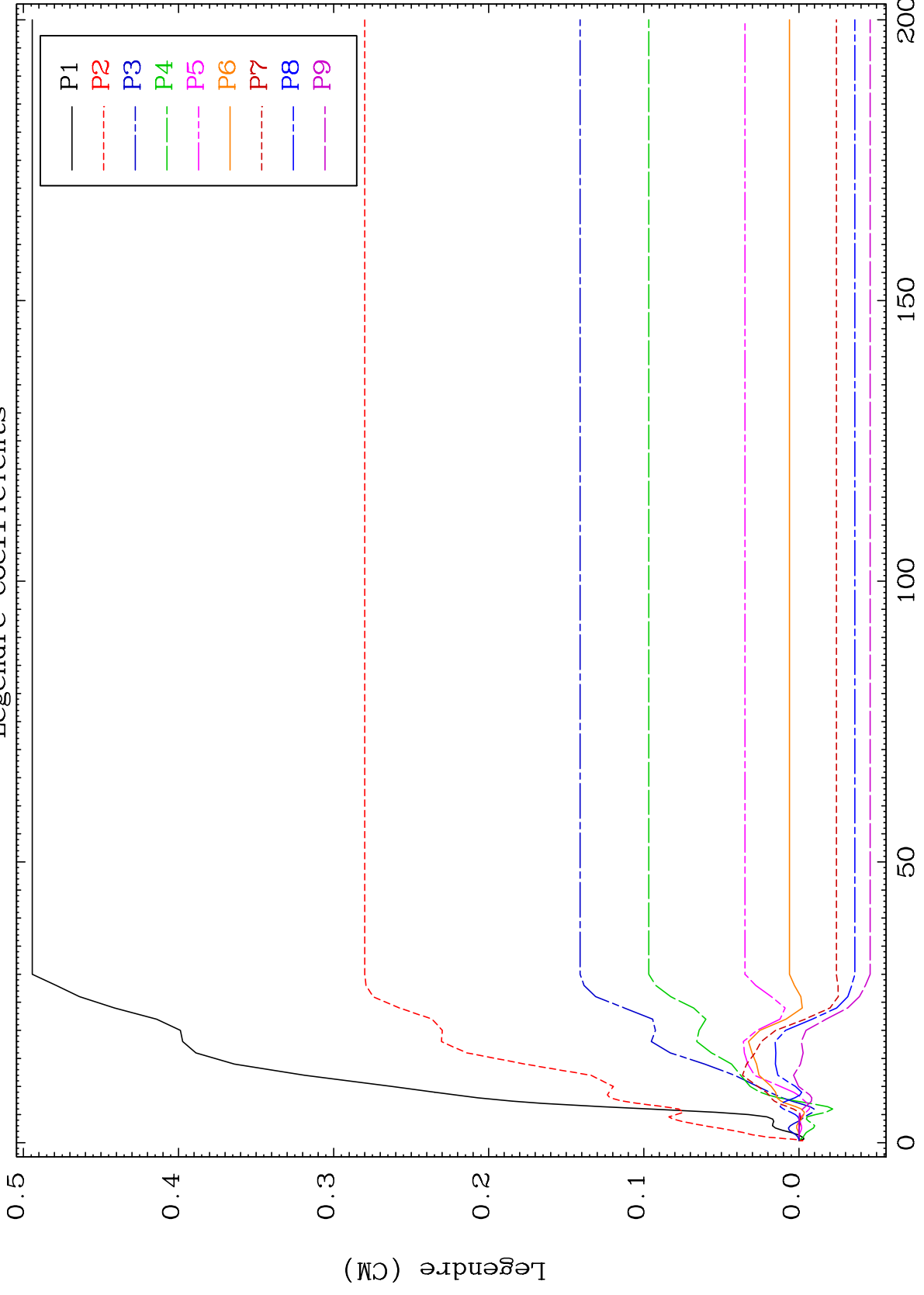


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Incident Energy (MeV)

52-Te-133

MAT 5264 MT= 51 (n,n') Level Legendre Coefficients 52-Te-133

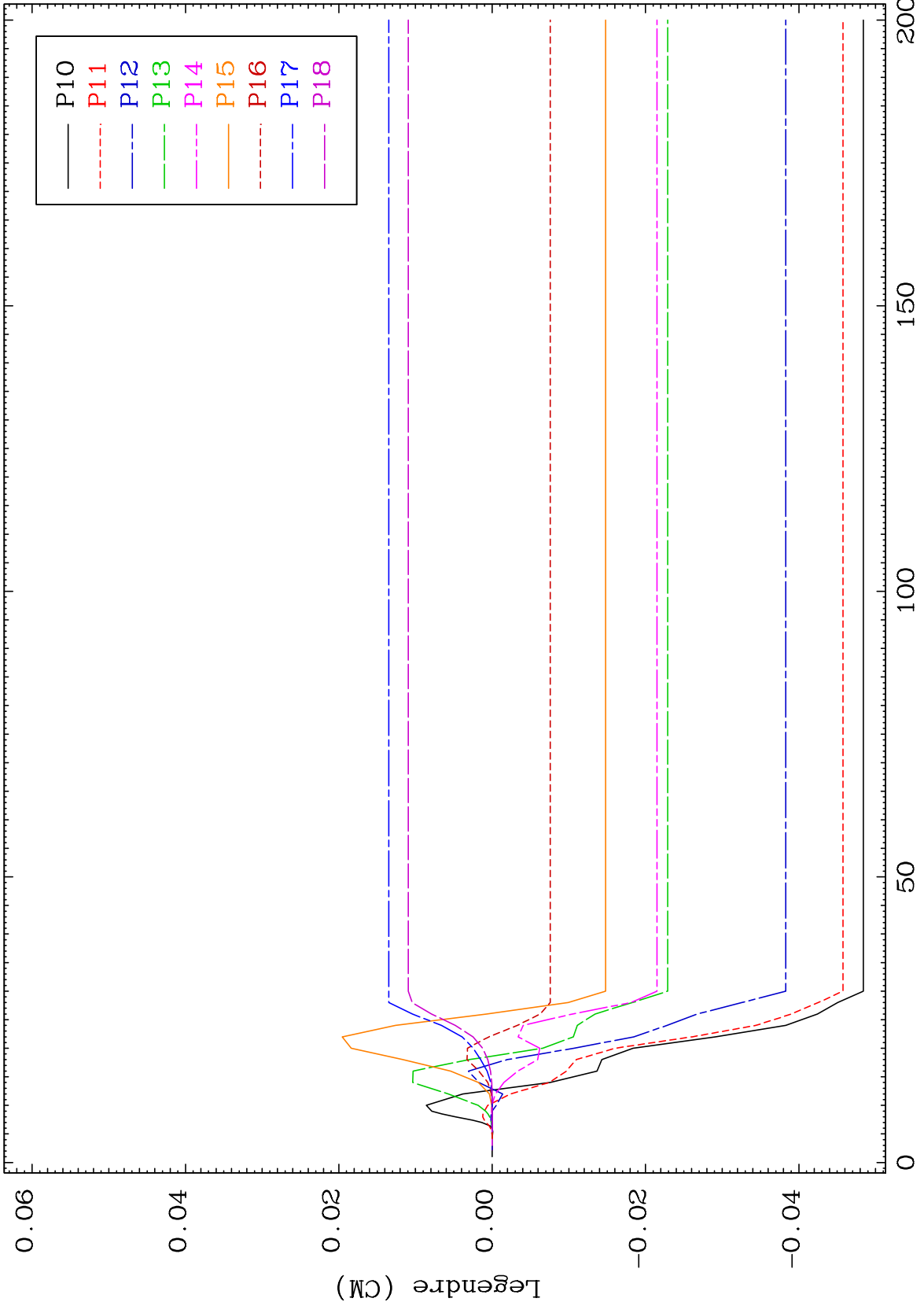


52-Te-133

MAT 5264

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

52-Te-133



21

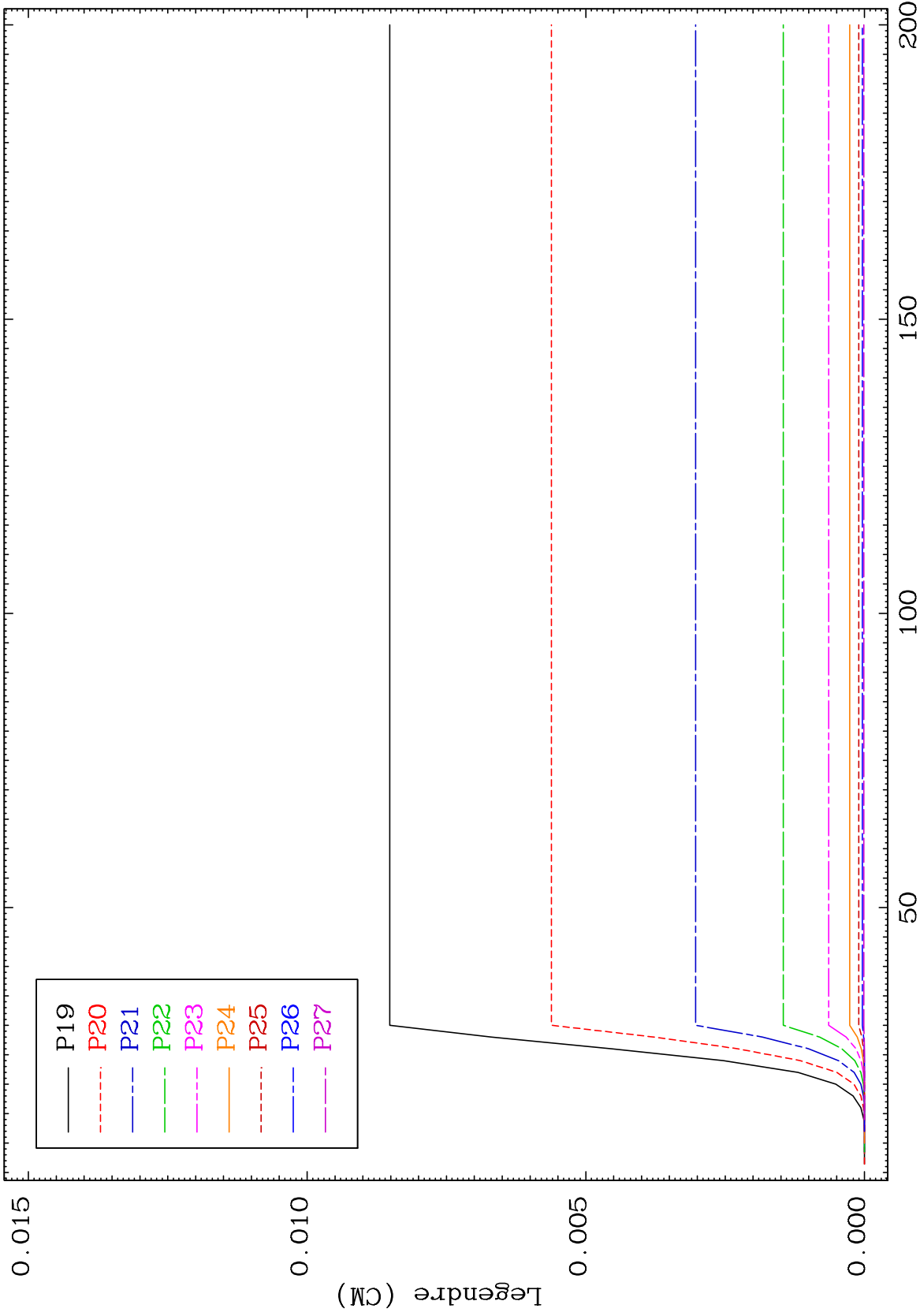
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



22

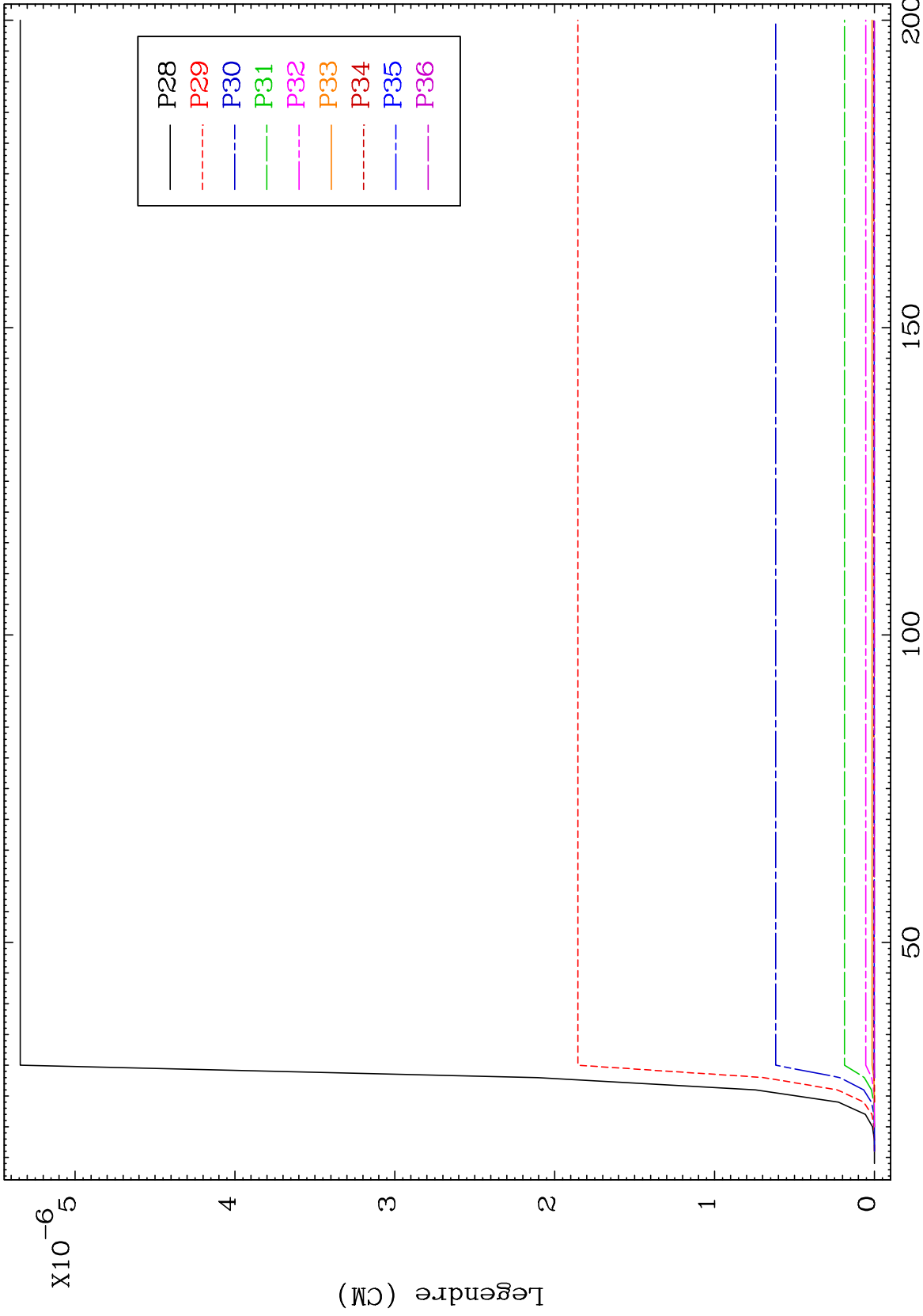
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



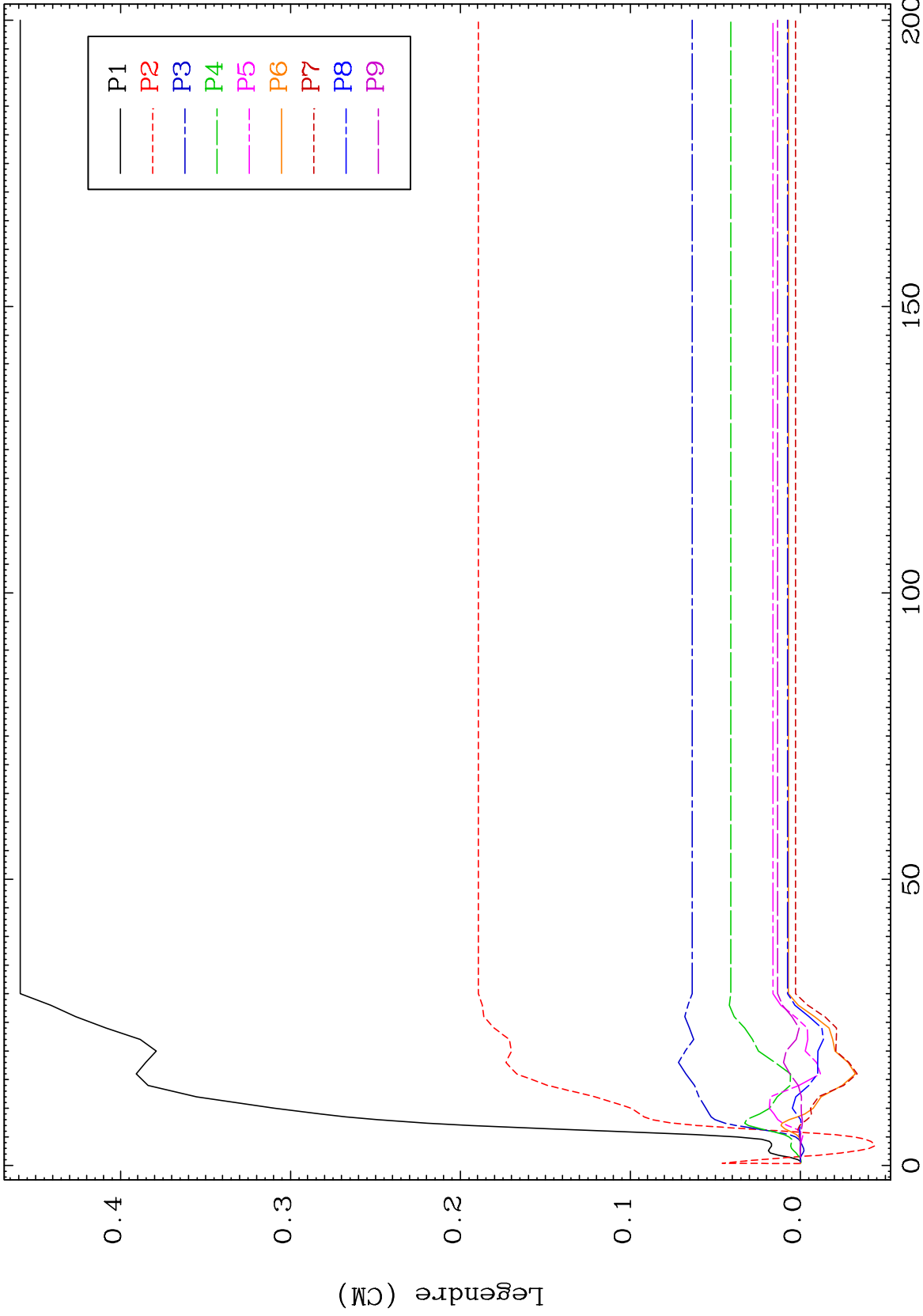
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52-Te-133

MAT 5264

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

52-Te-133



24

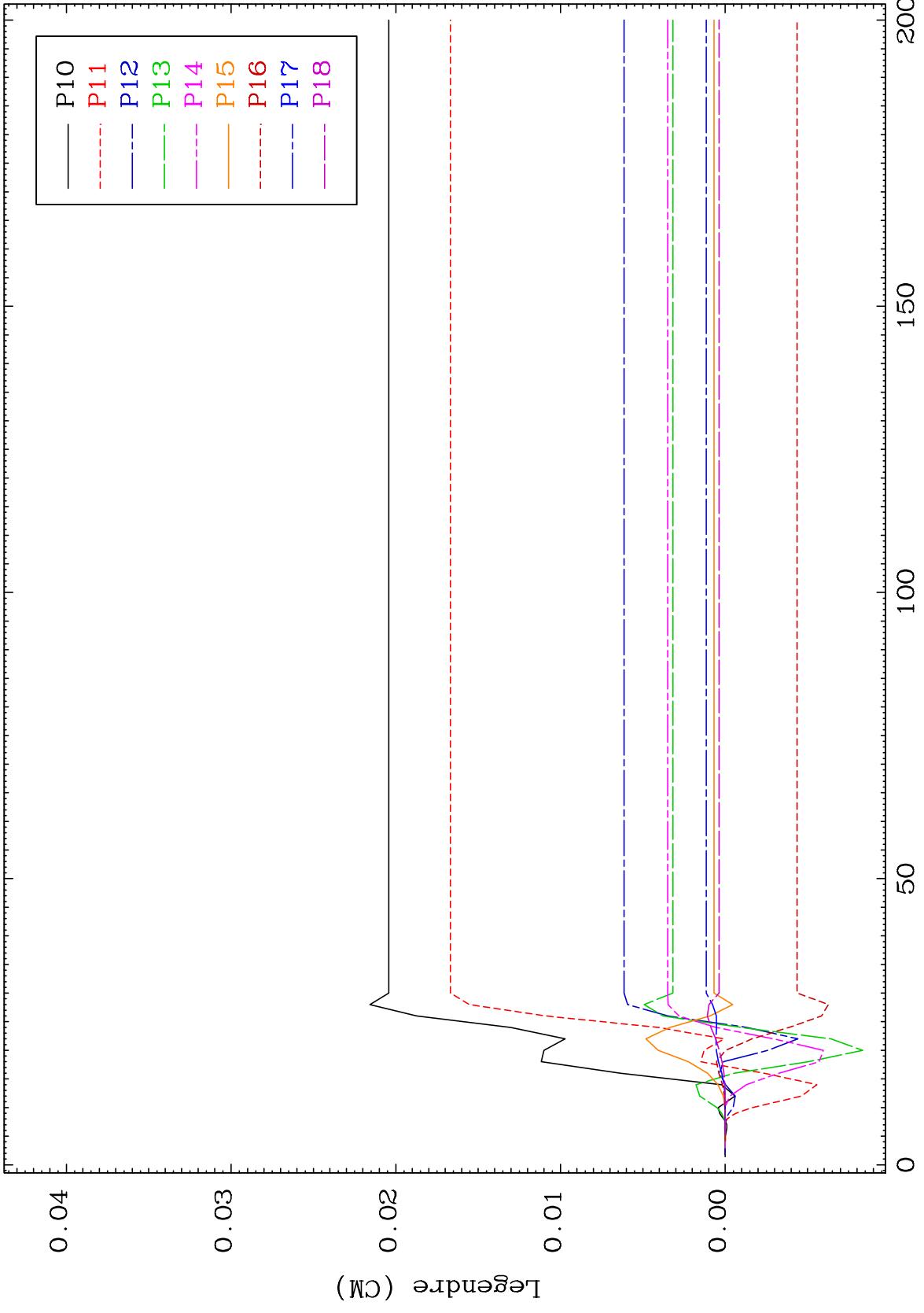
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



25

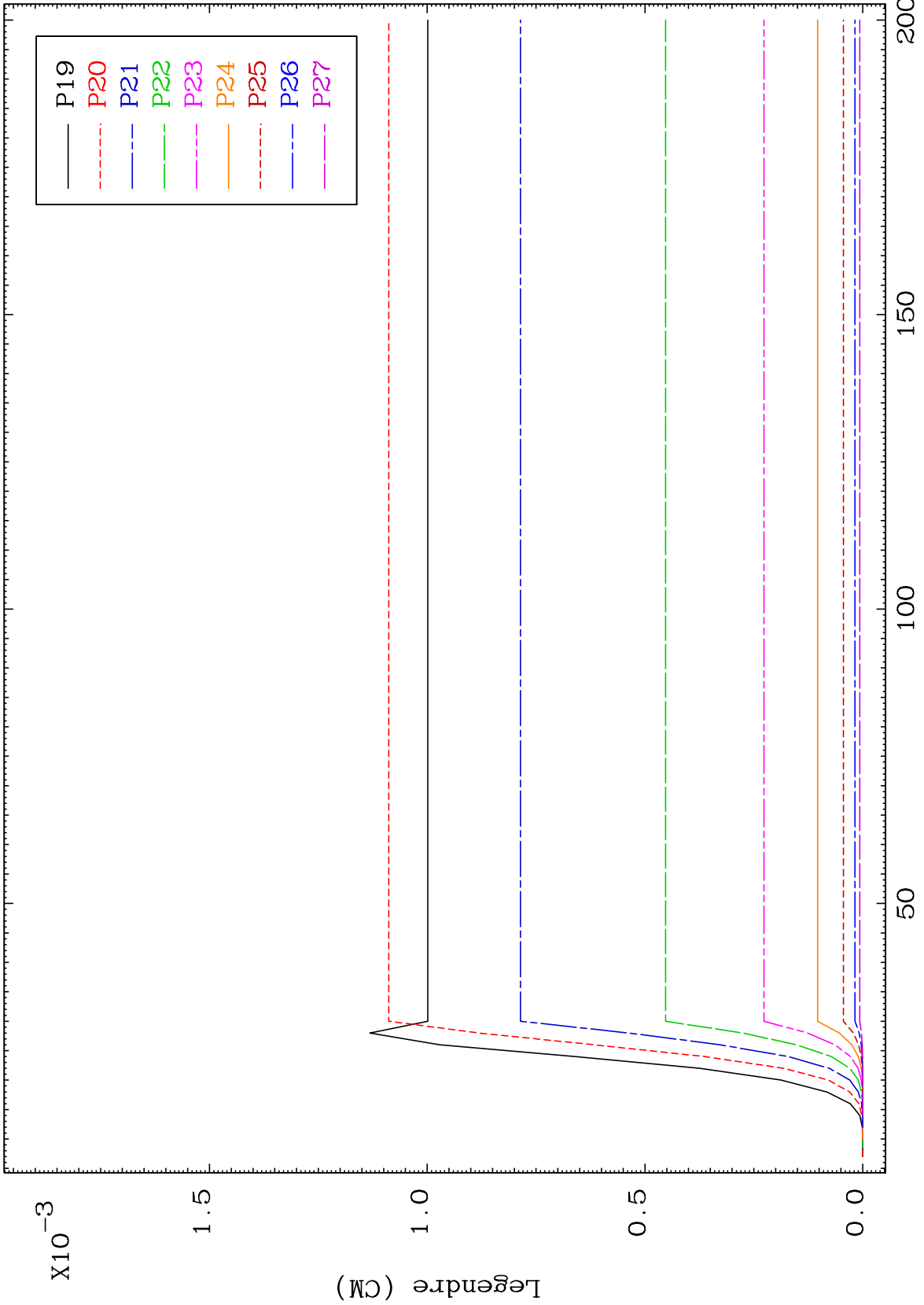
Incident Energy (MeV)

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MAT 5264

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

52-Te-133



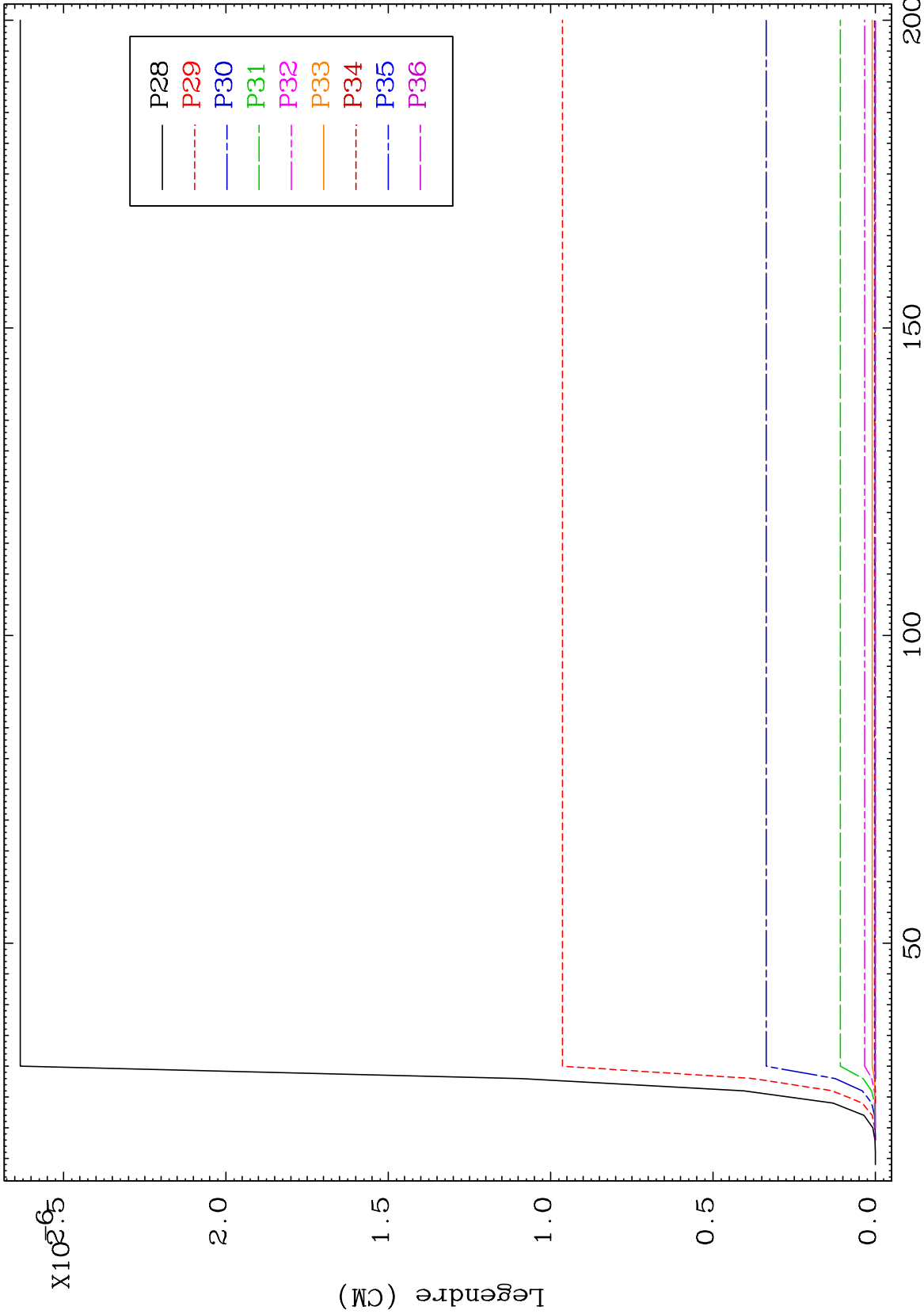
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52-Te-133

MAT 5264

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

52-Te-133



27

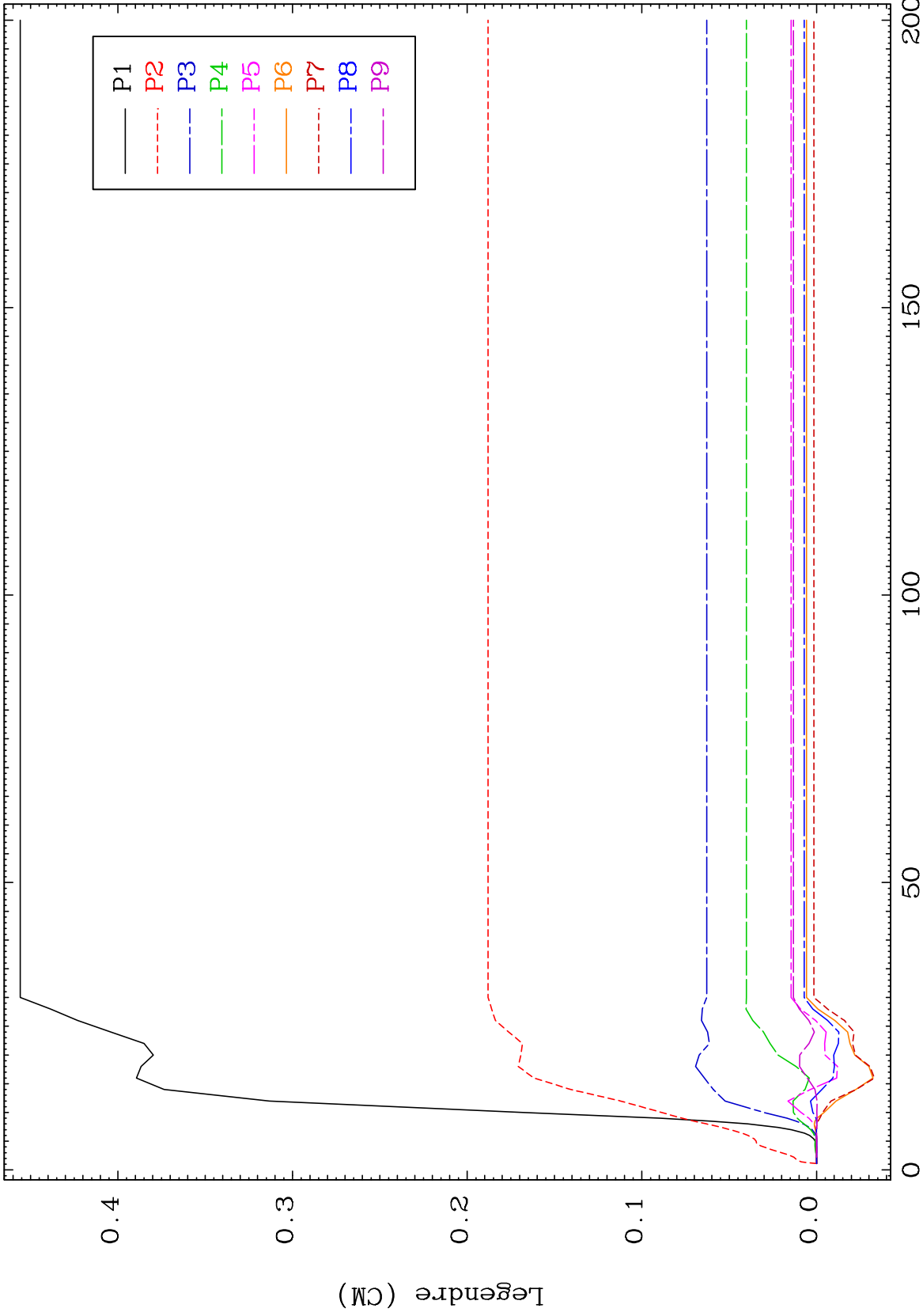
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



28

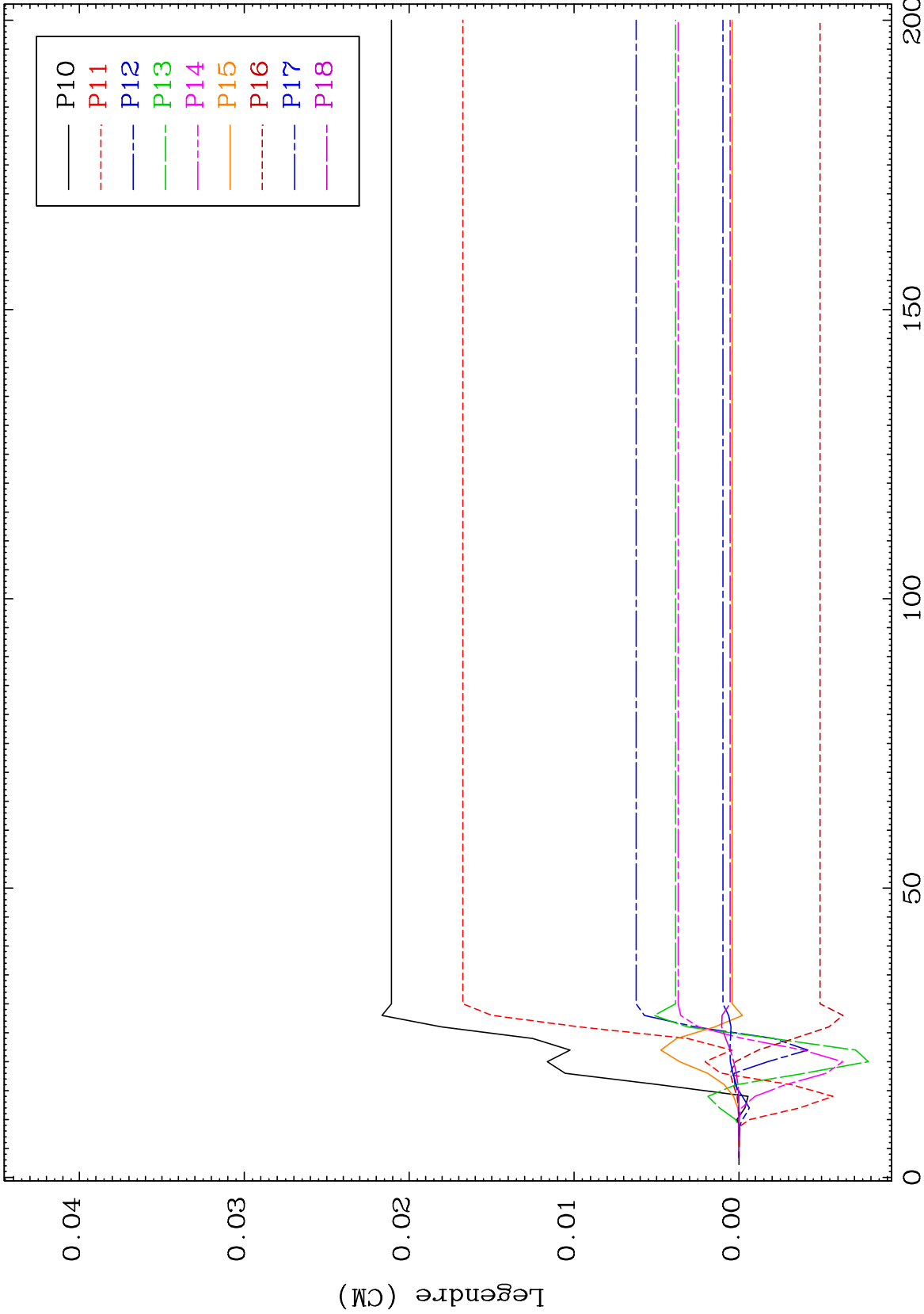
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



29

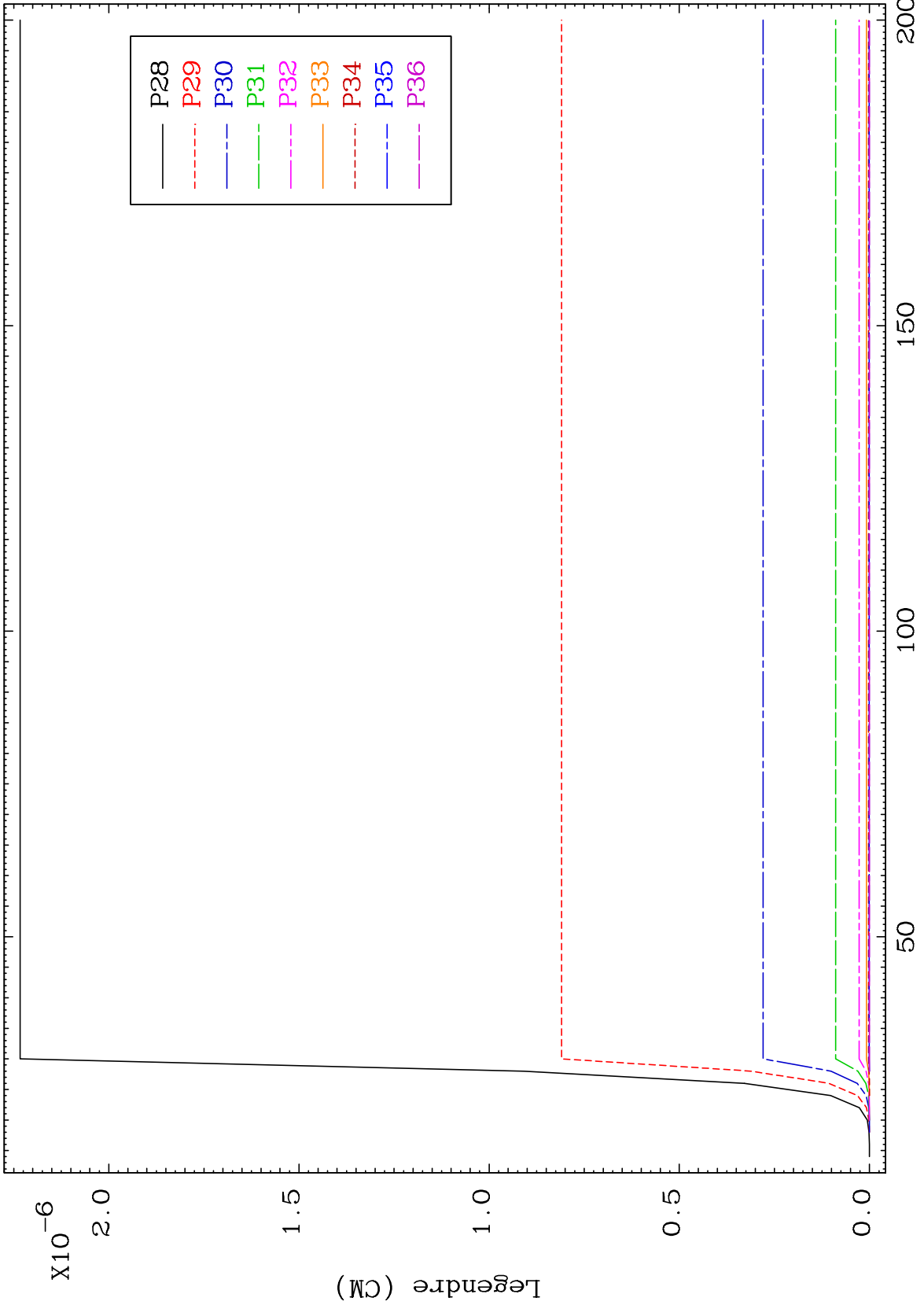
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



31

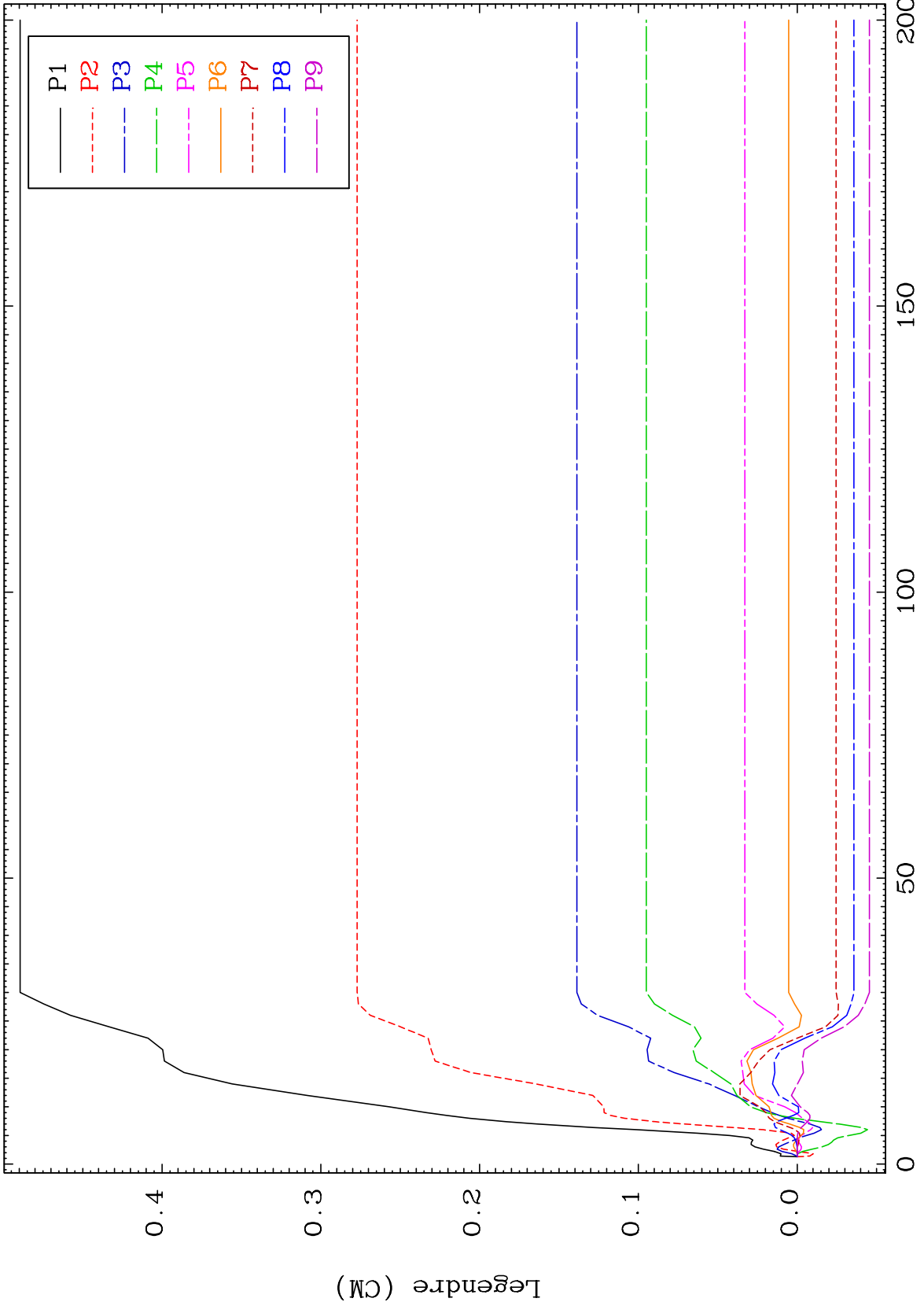
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



32

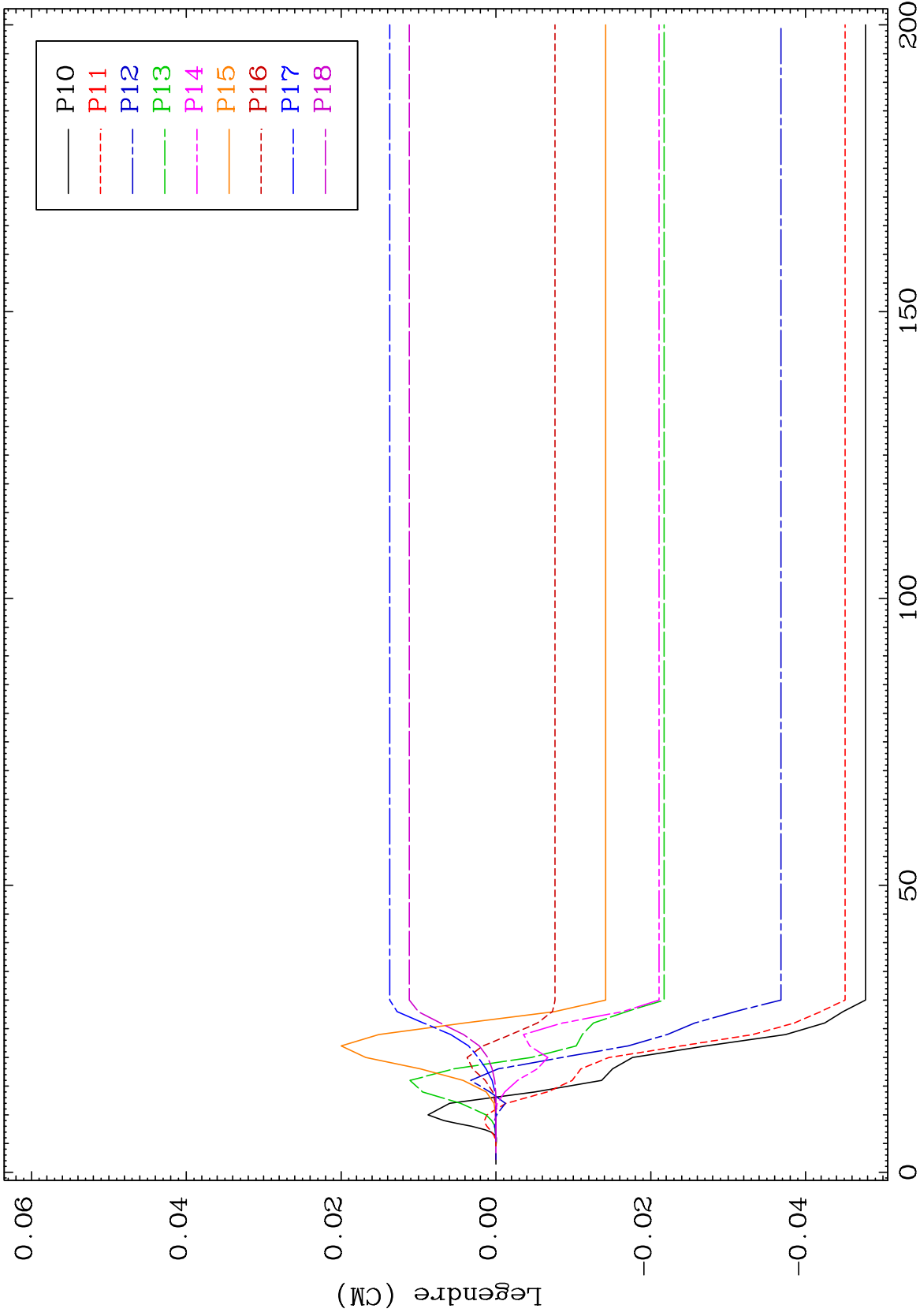
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



33

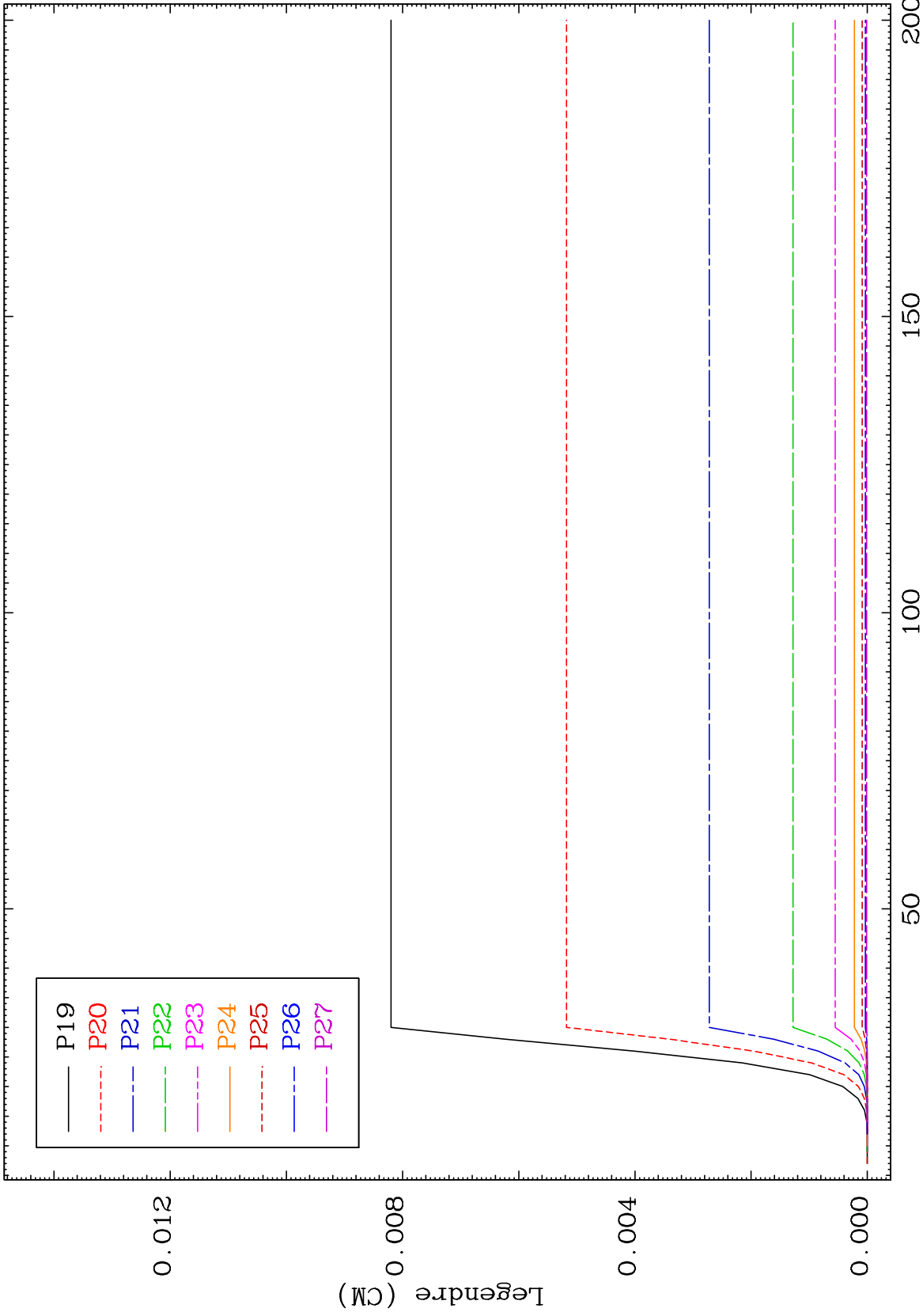
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



34

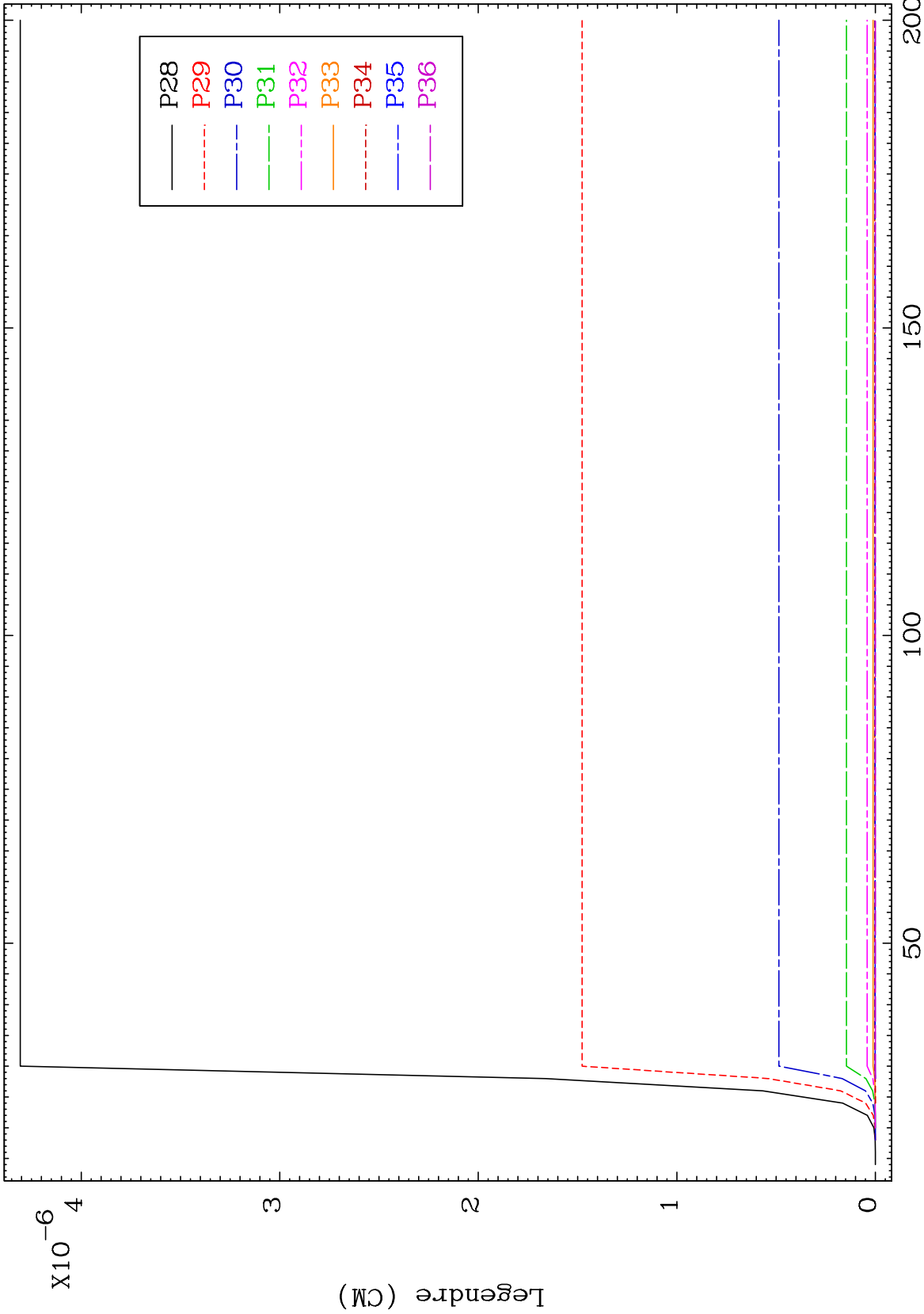
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



35

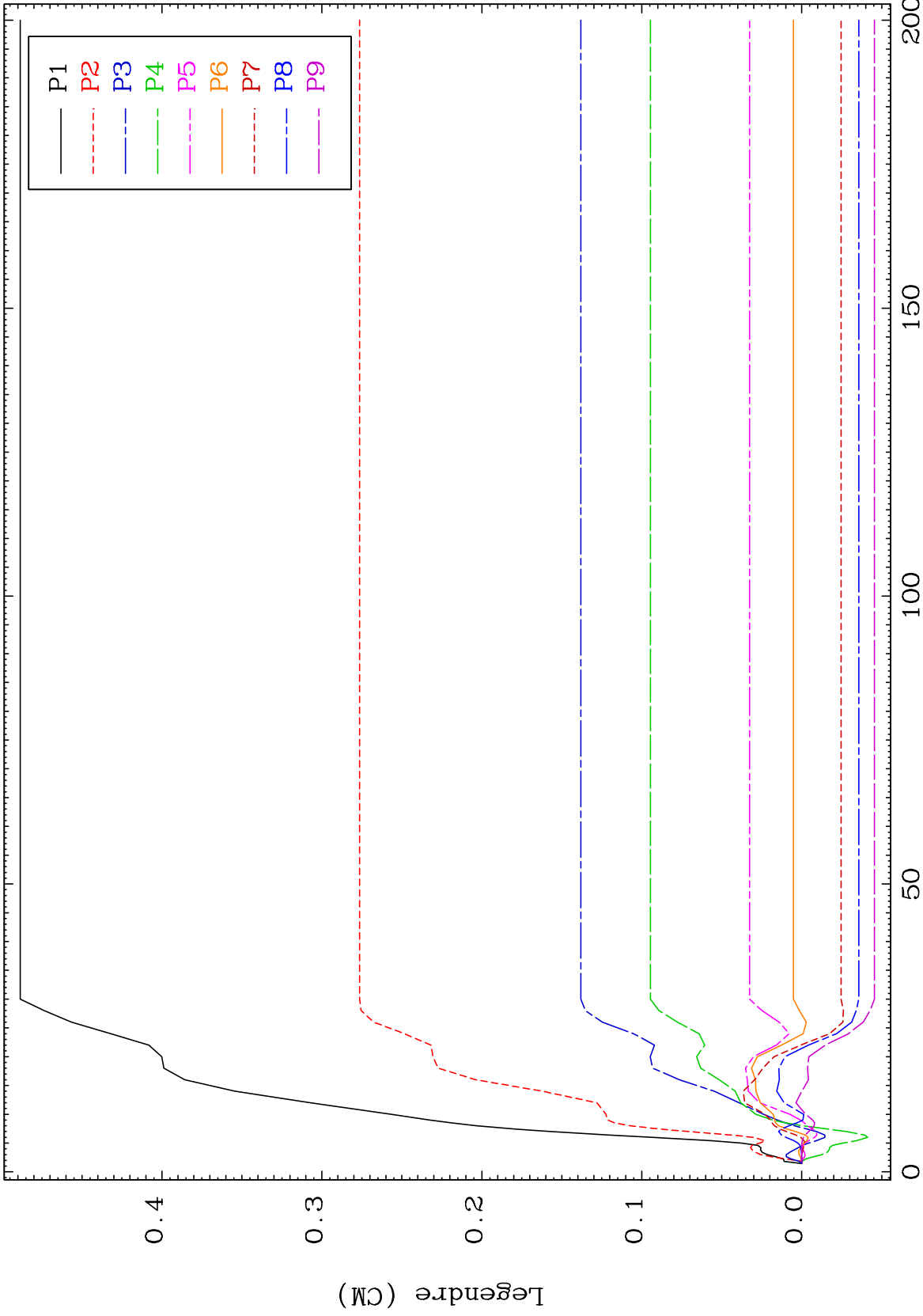
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



36

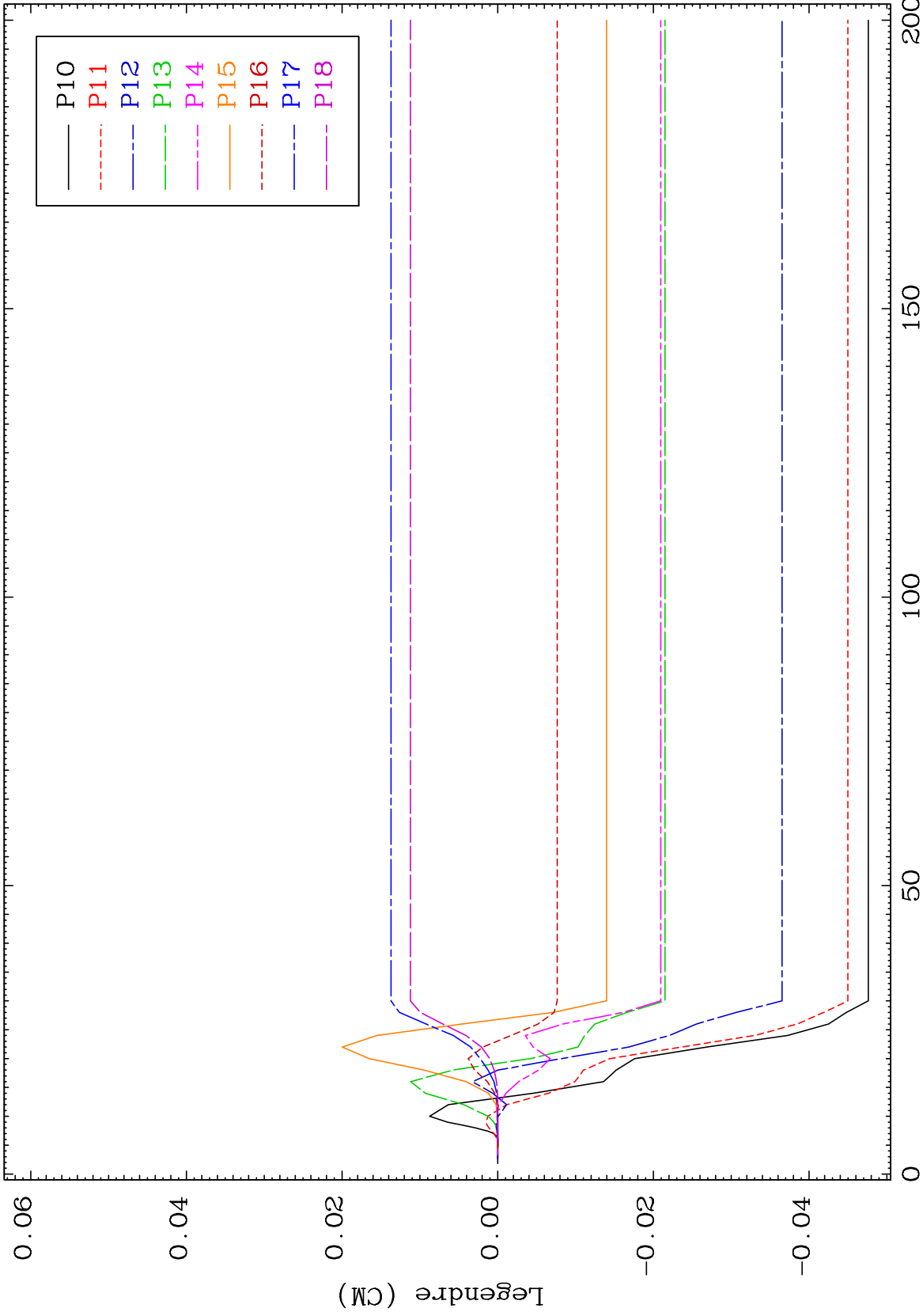
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



37

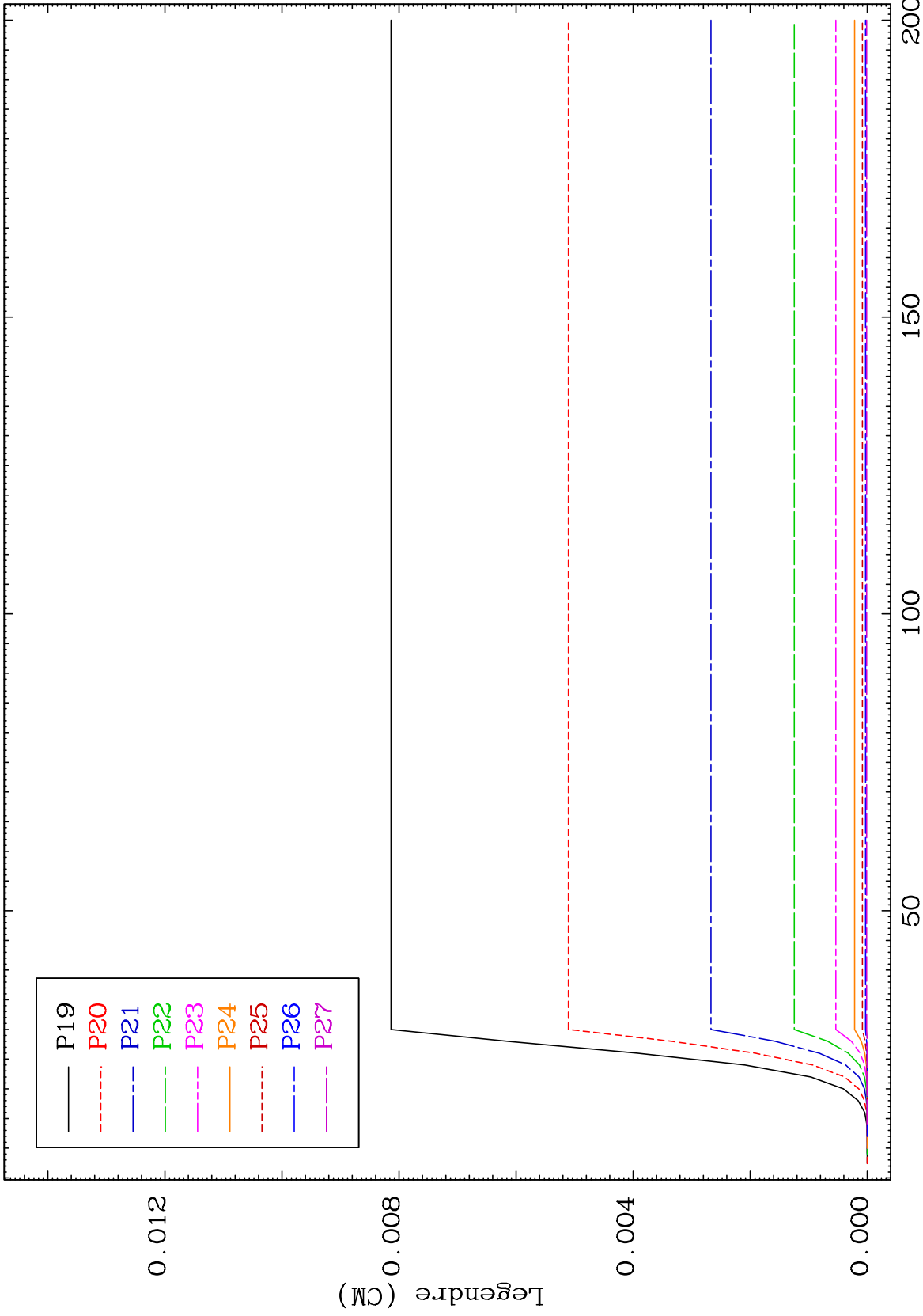
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



38

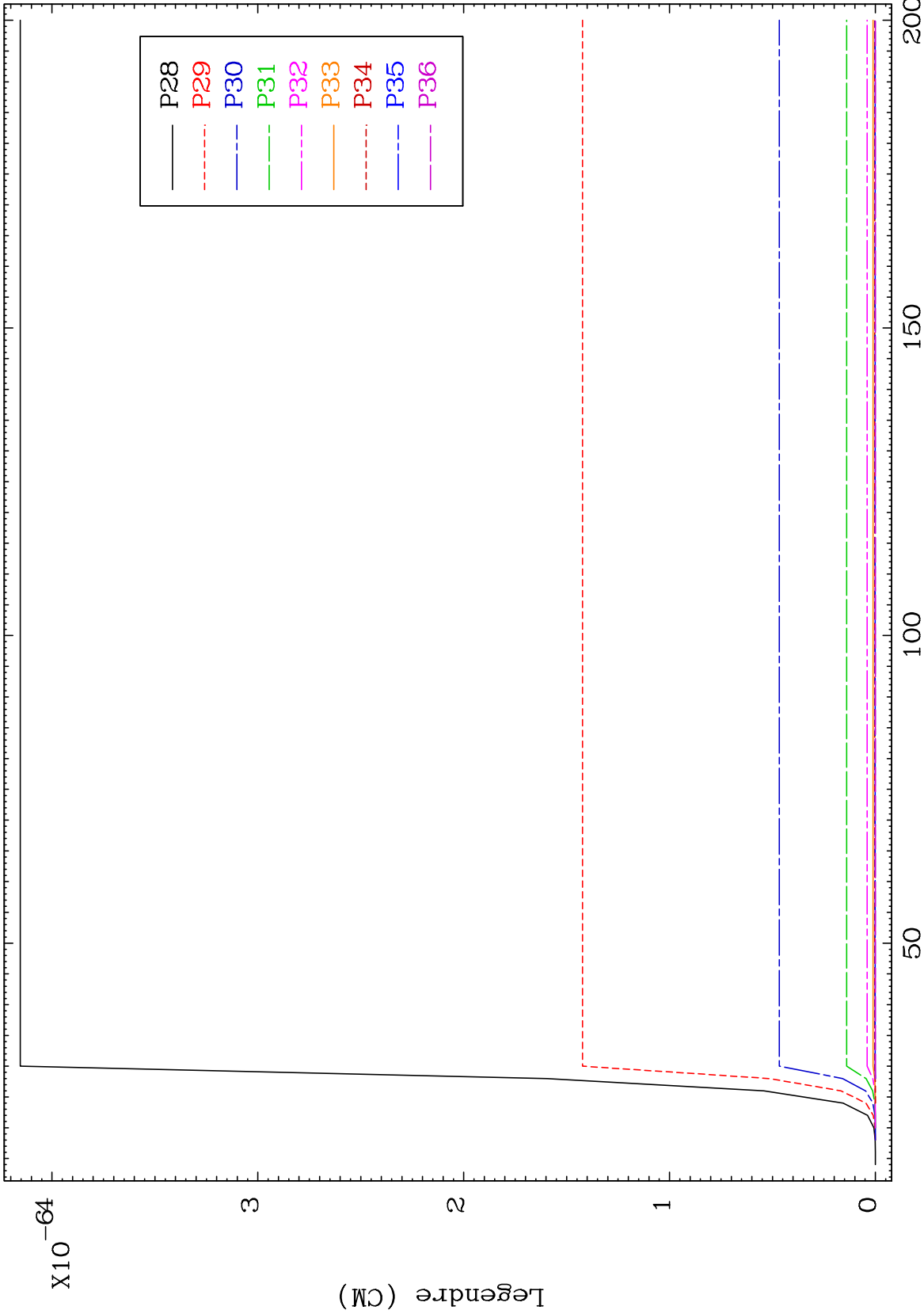
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



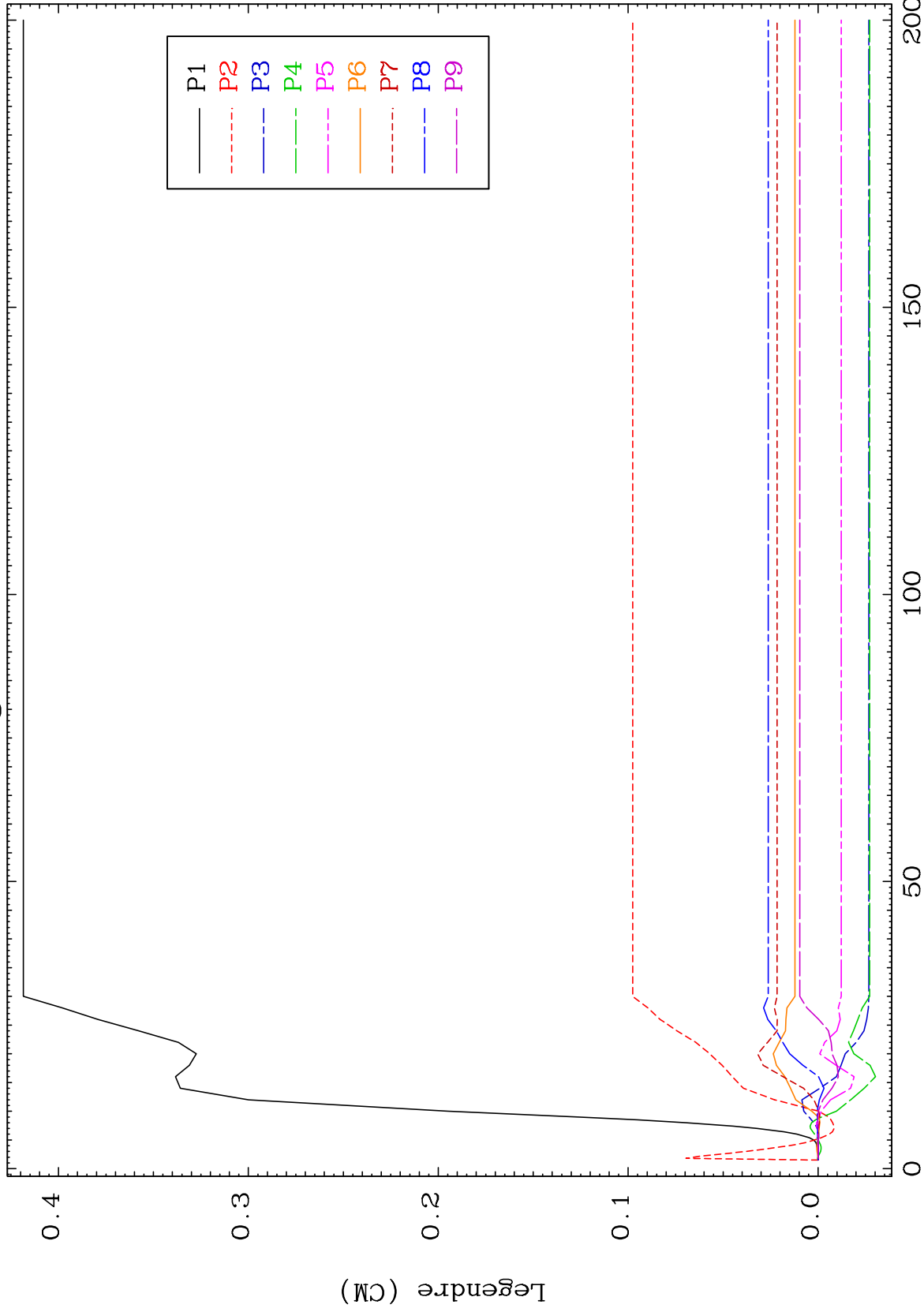
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52-Te-133

MAT 5264

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

52-Te-133

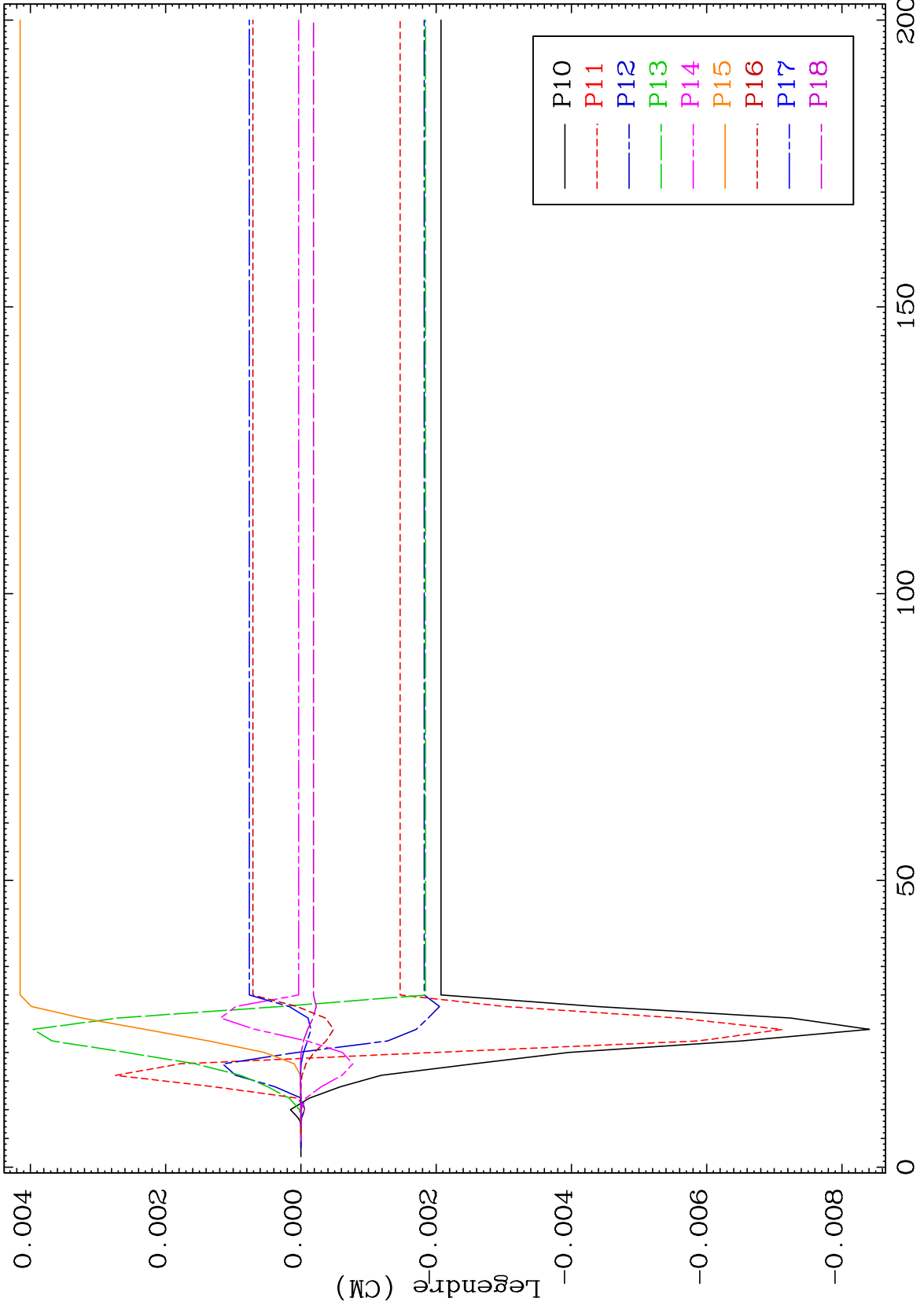


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Incident Energy (MeV)

52-Te-133

MAT 5264 MT= 56 (n,n') Level Legendre Coefficients 52-Te-133

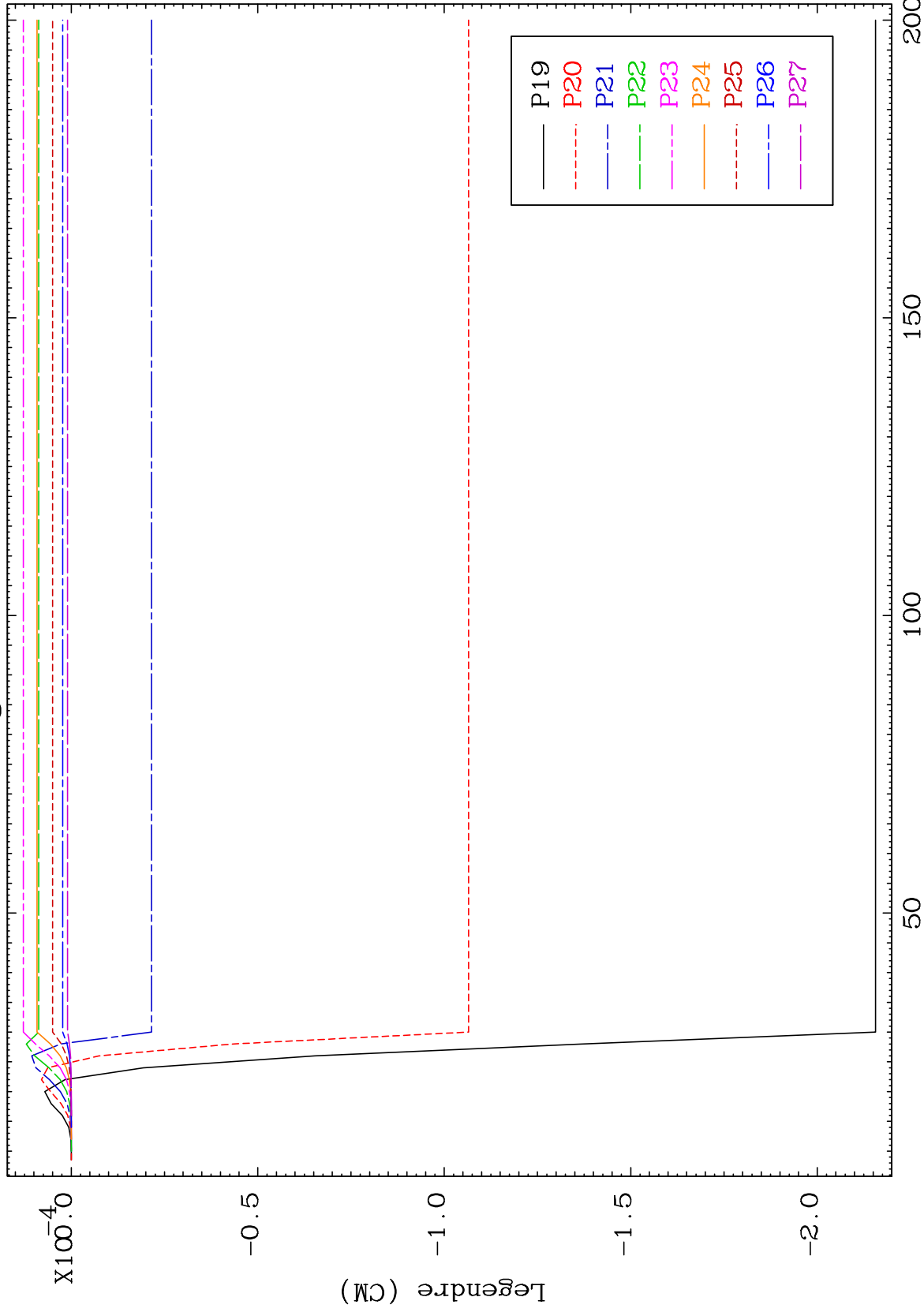


41 52-Te-133

MAT 5264

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

52-Te-133



42

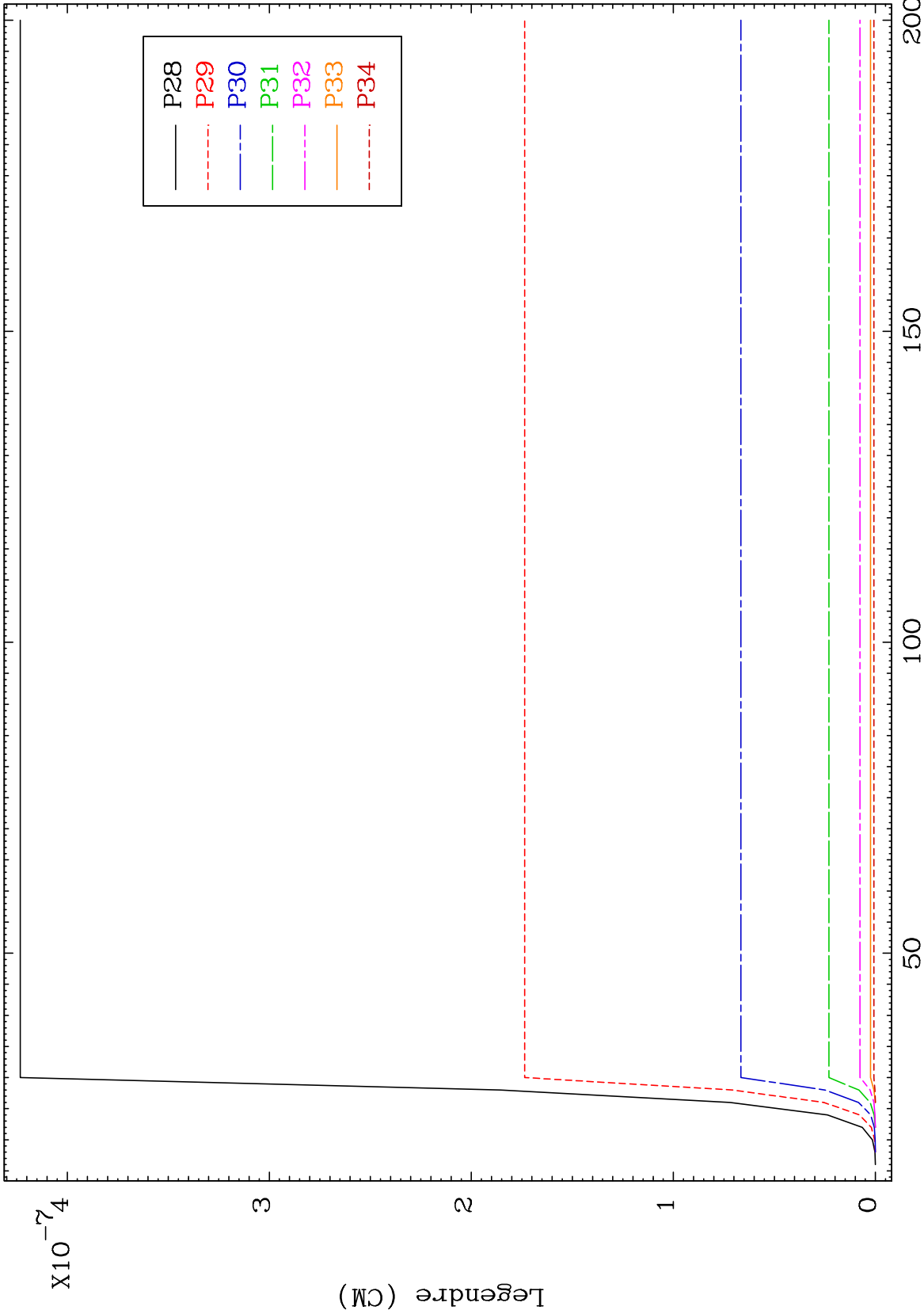
Incident Energy (MeV)

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MAT 5264

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

52-Te-133



43

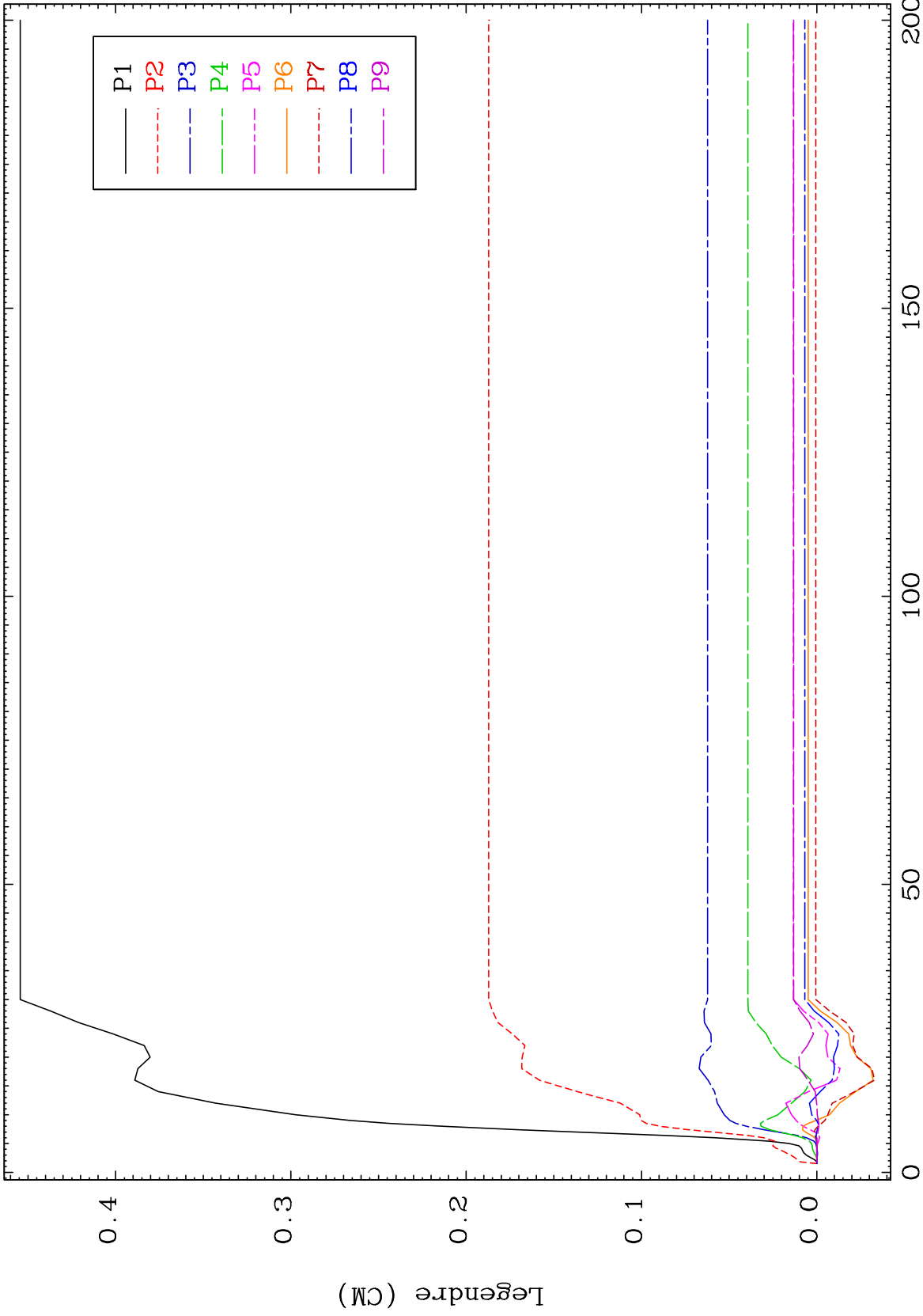
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



44

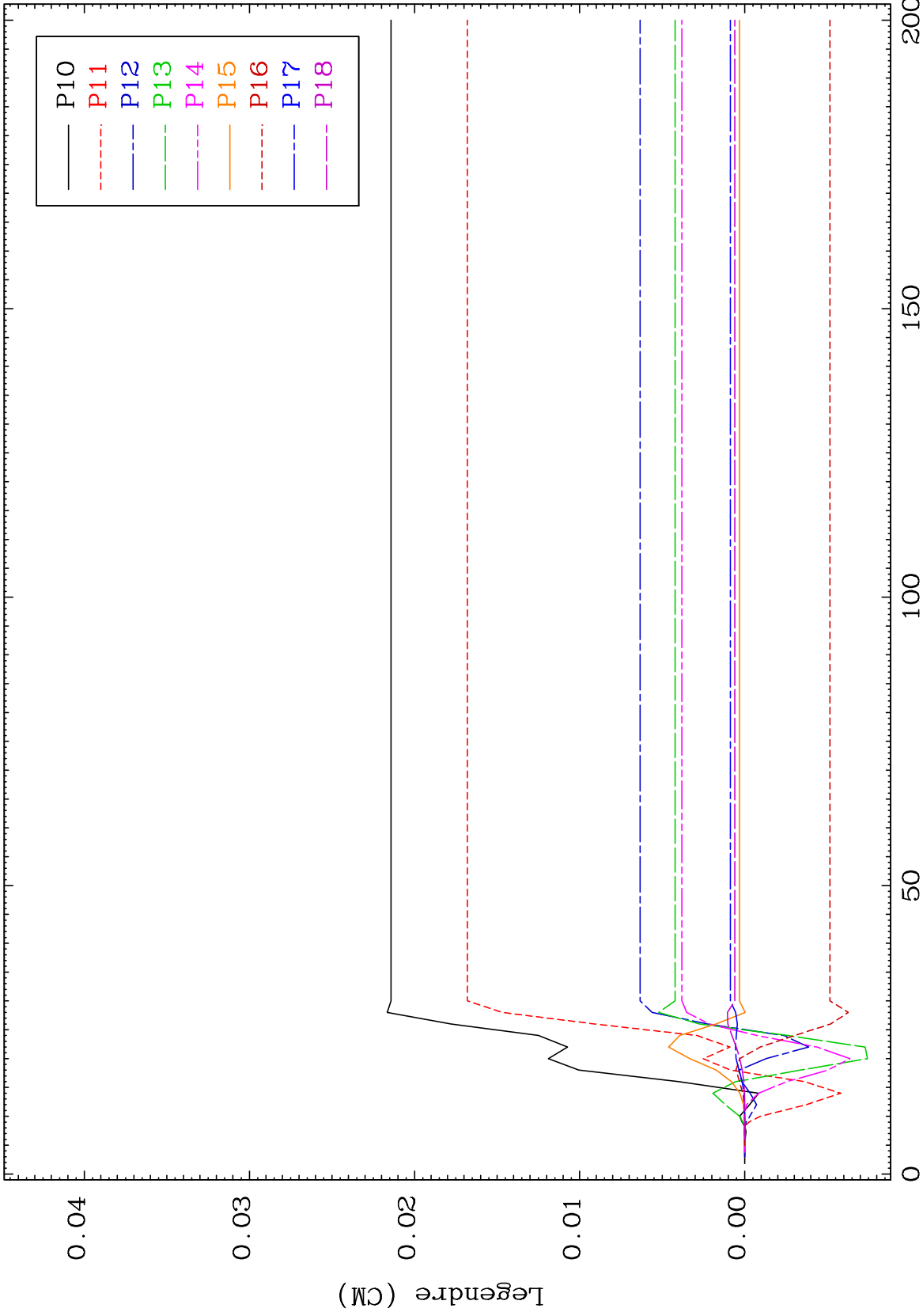
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



45

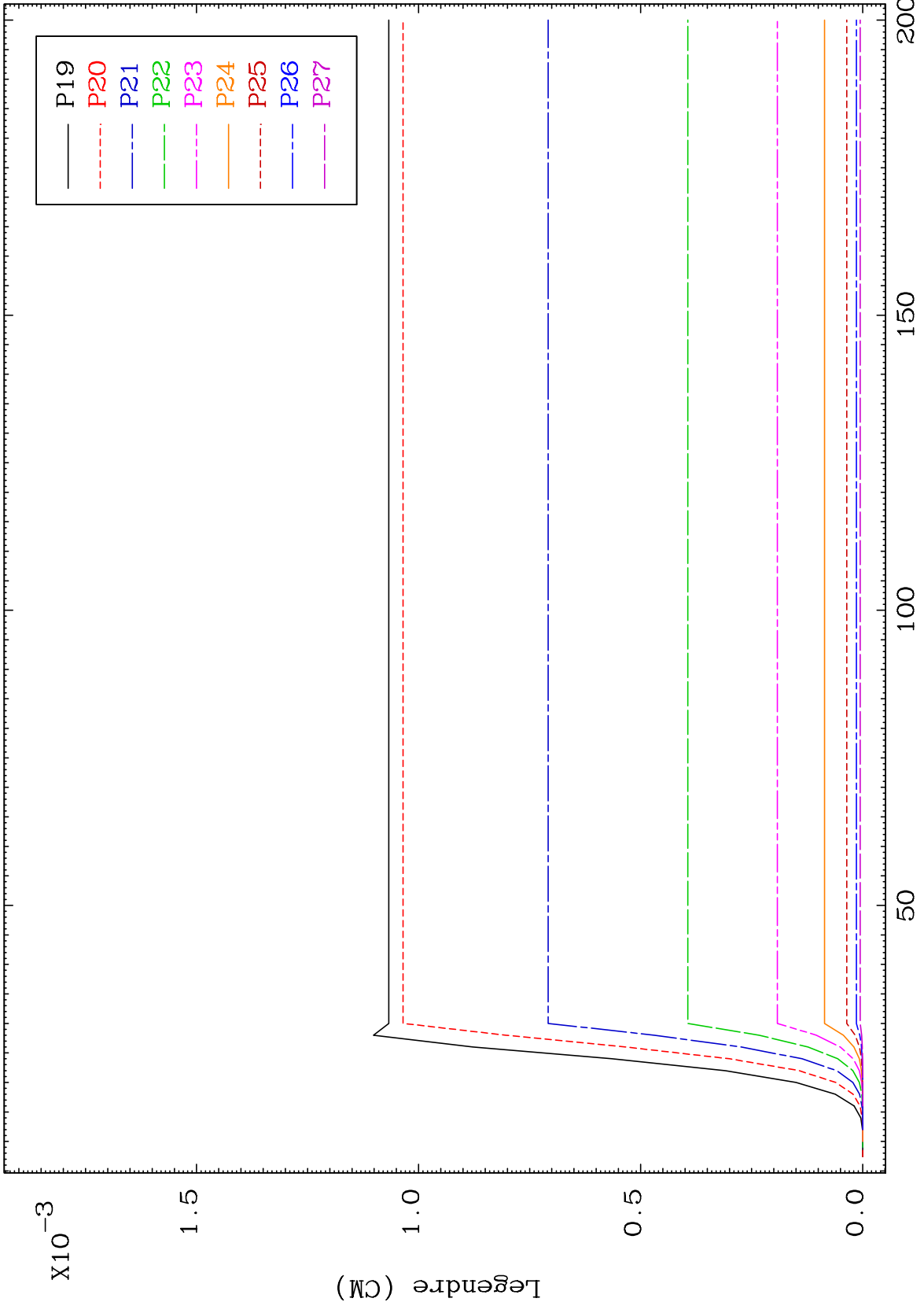
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



46

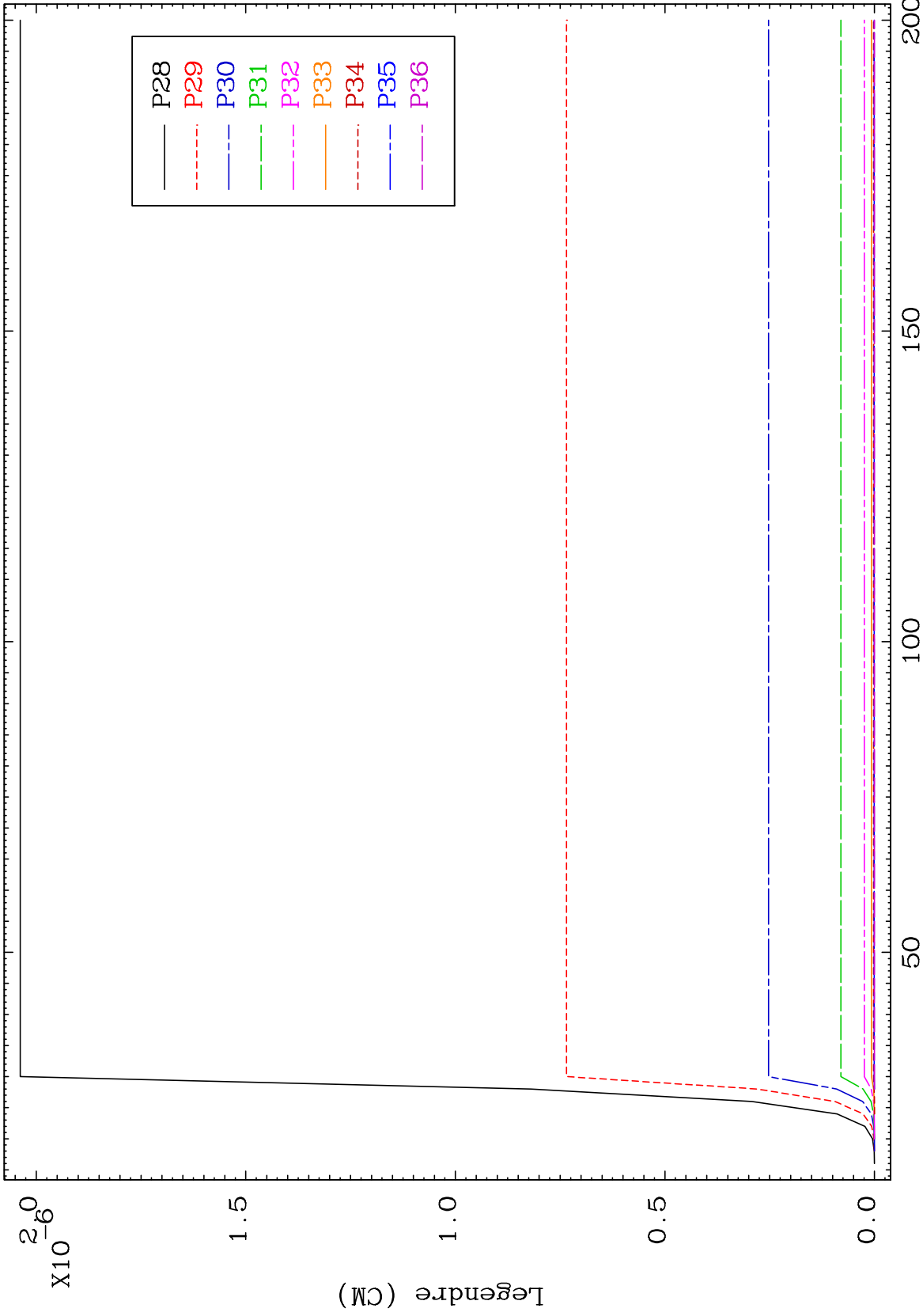
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



47

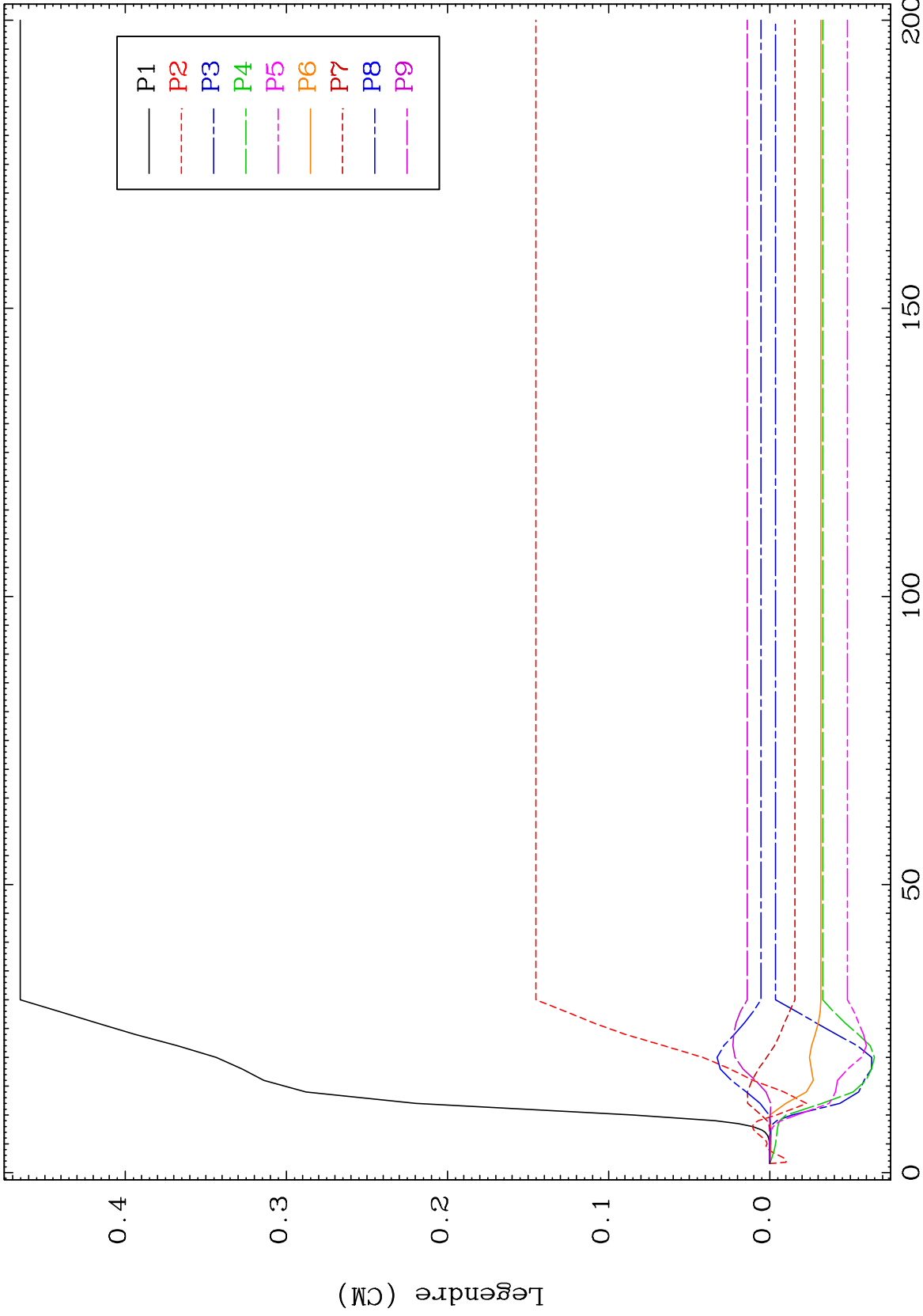
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



48

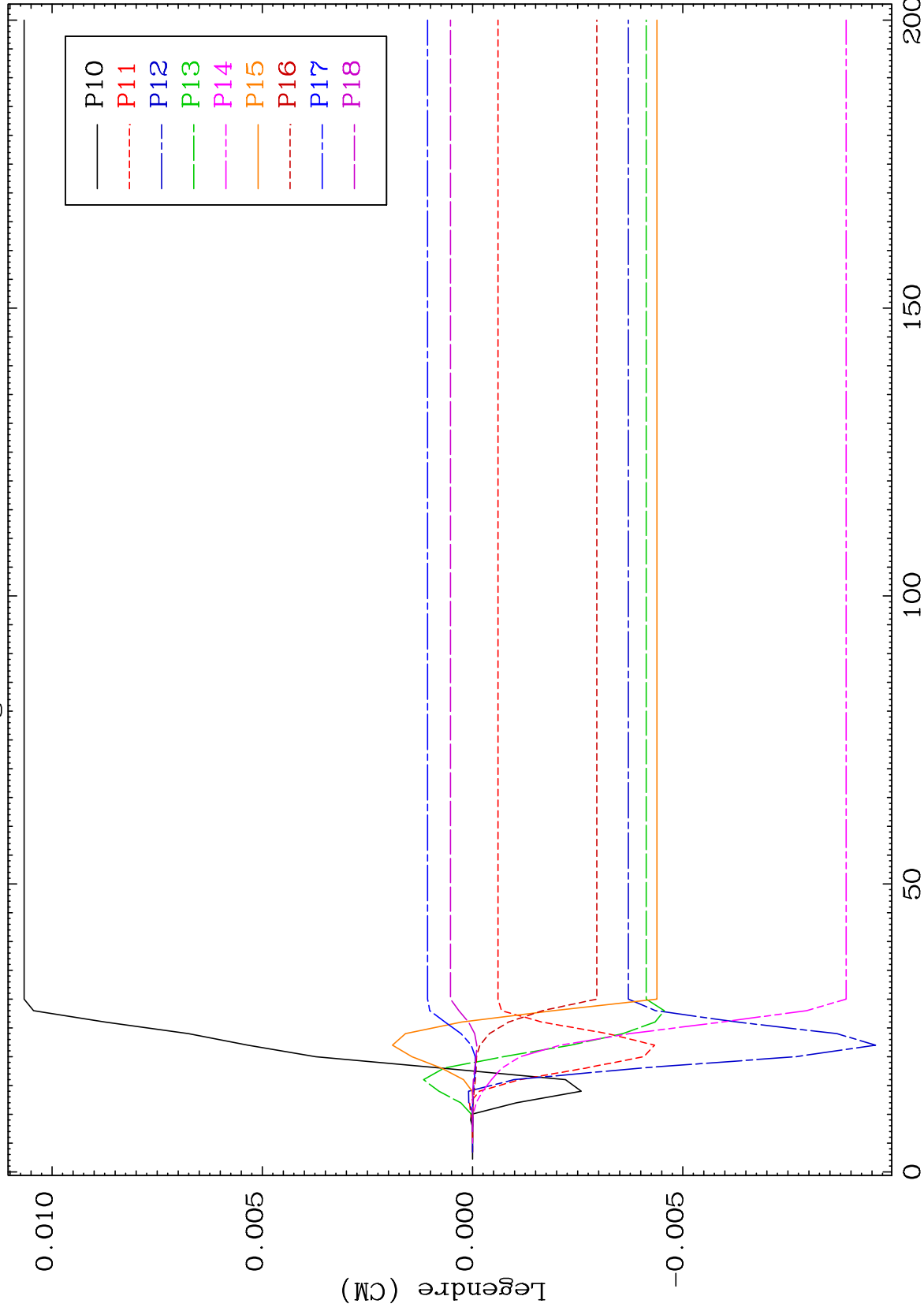
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



49

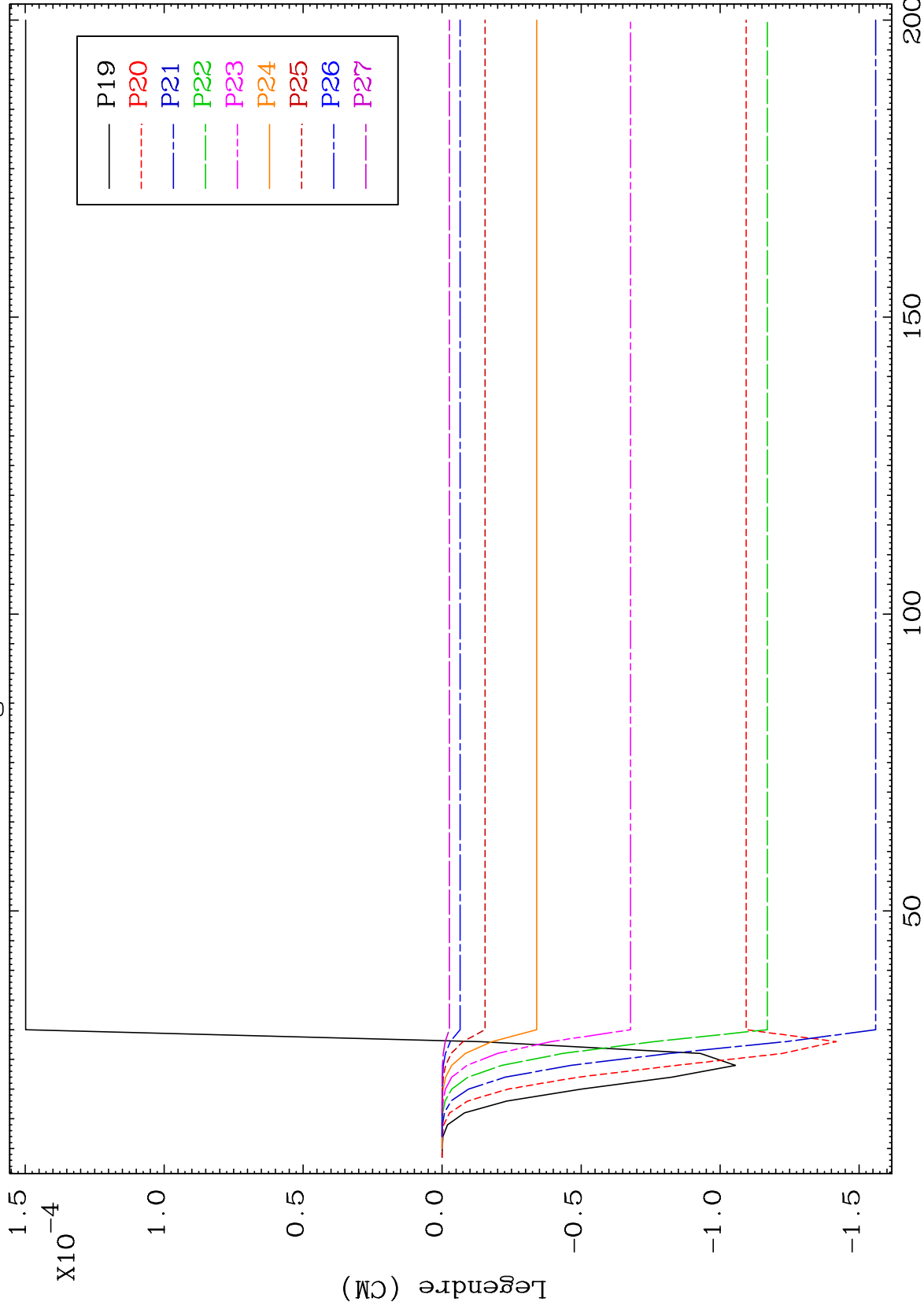
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



50

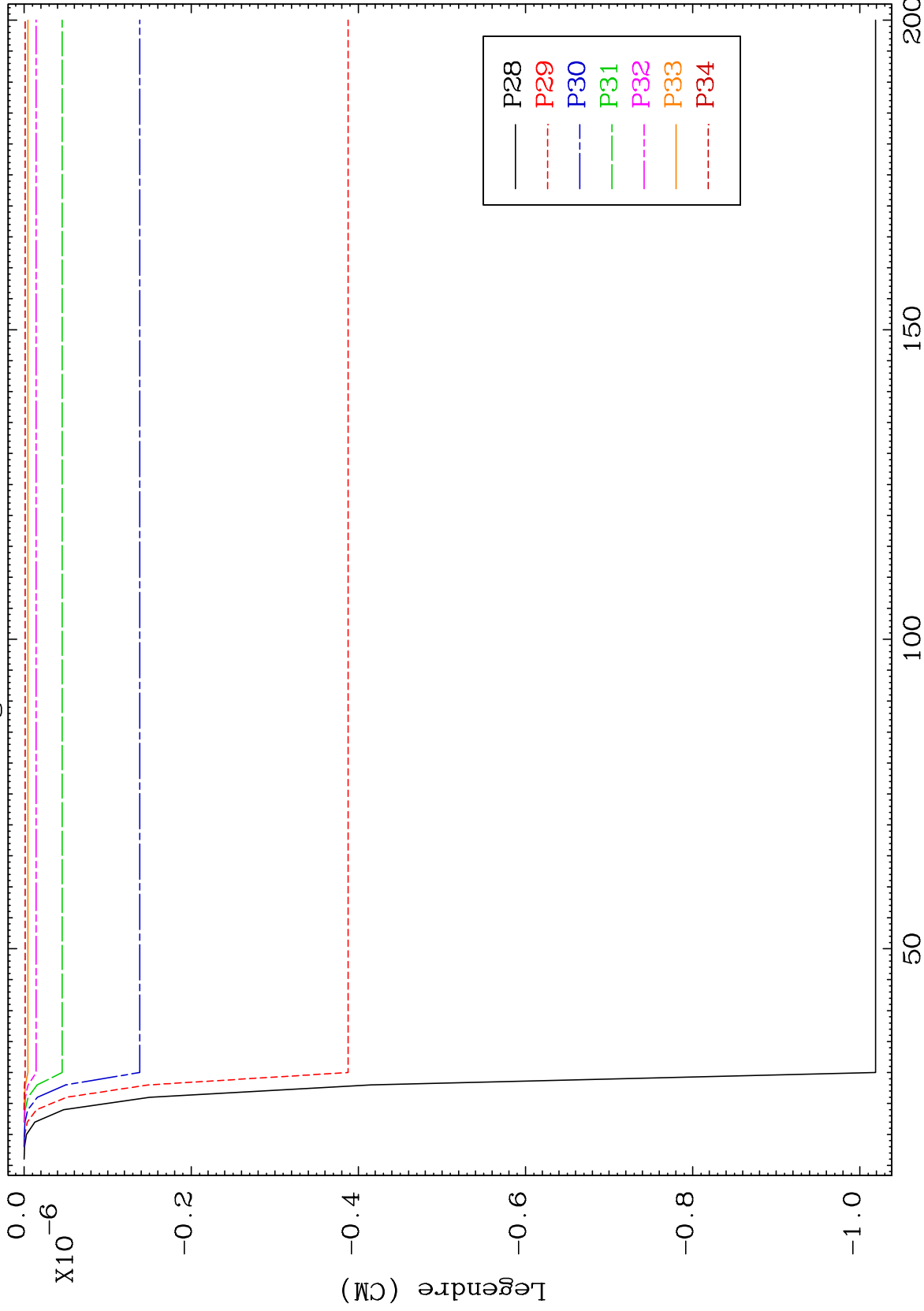
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



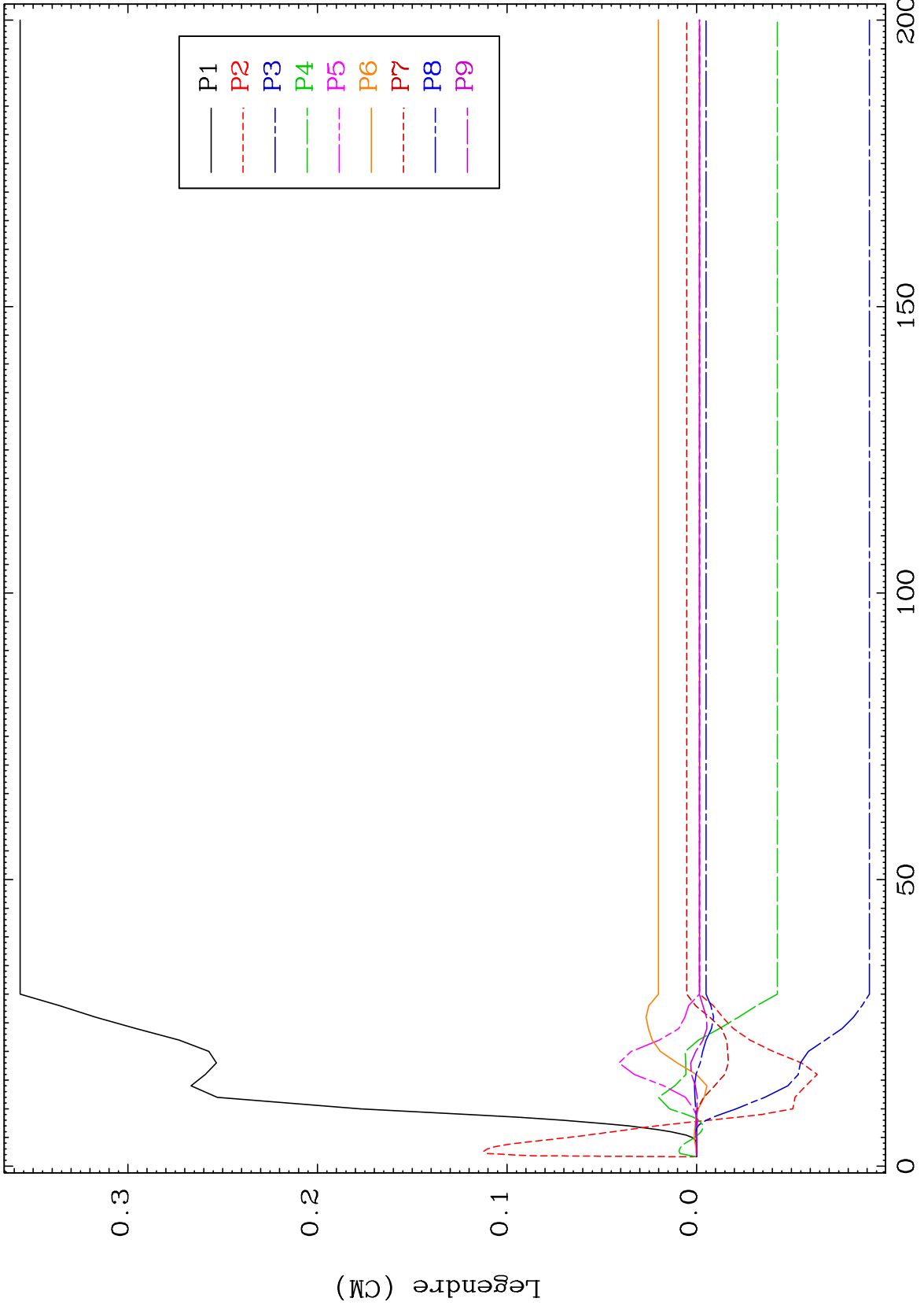
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52-Te-133

MAT 5264

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

52-Te-133

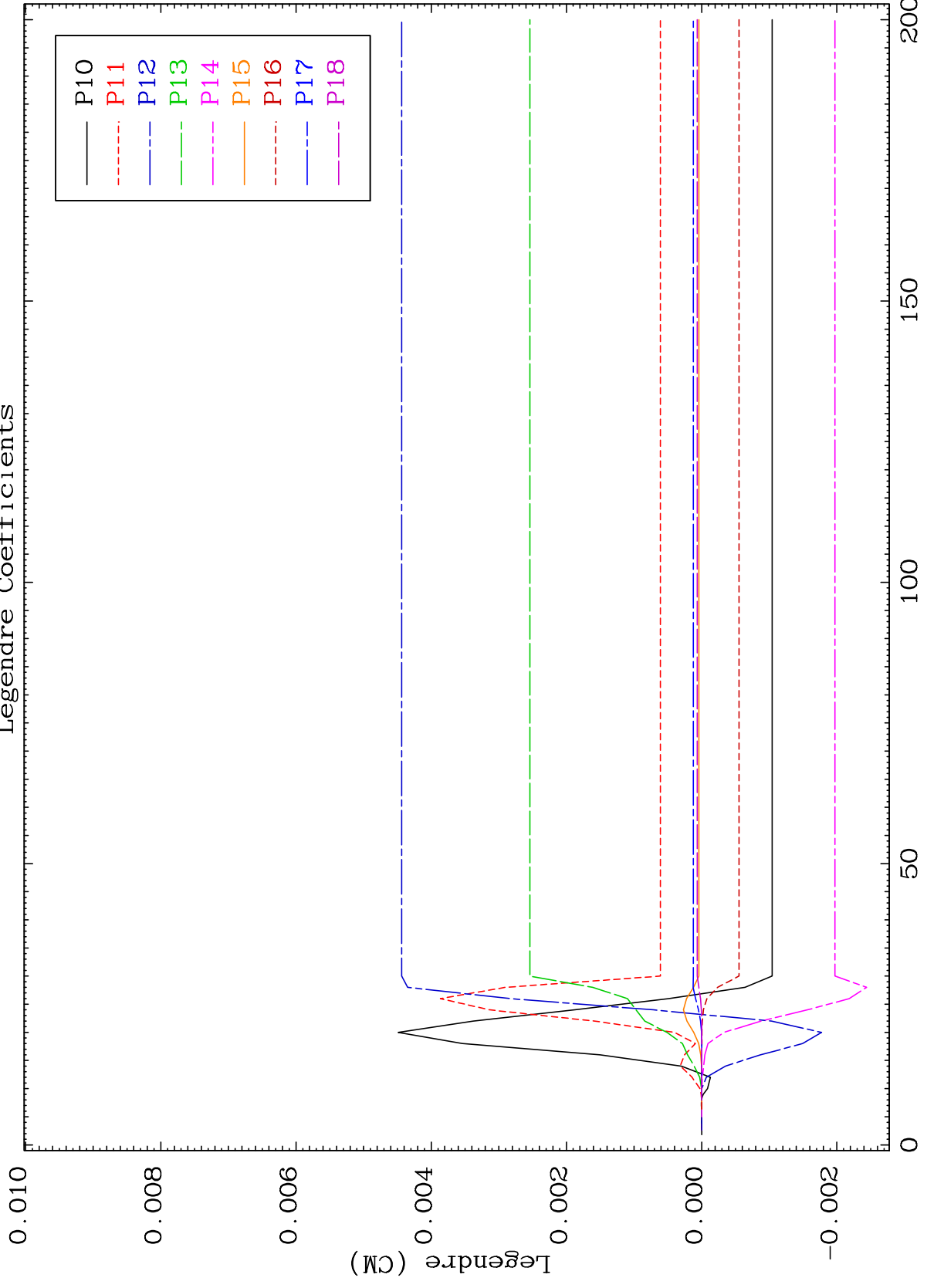


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Incident Energy (MeV)

52-Te-133

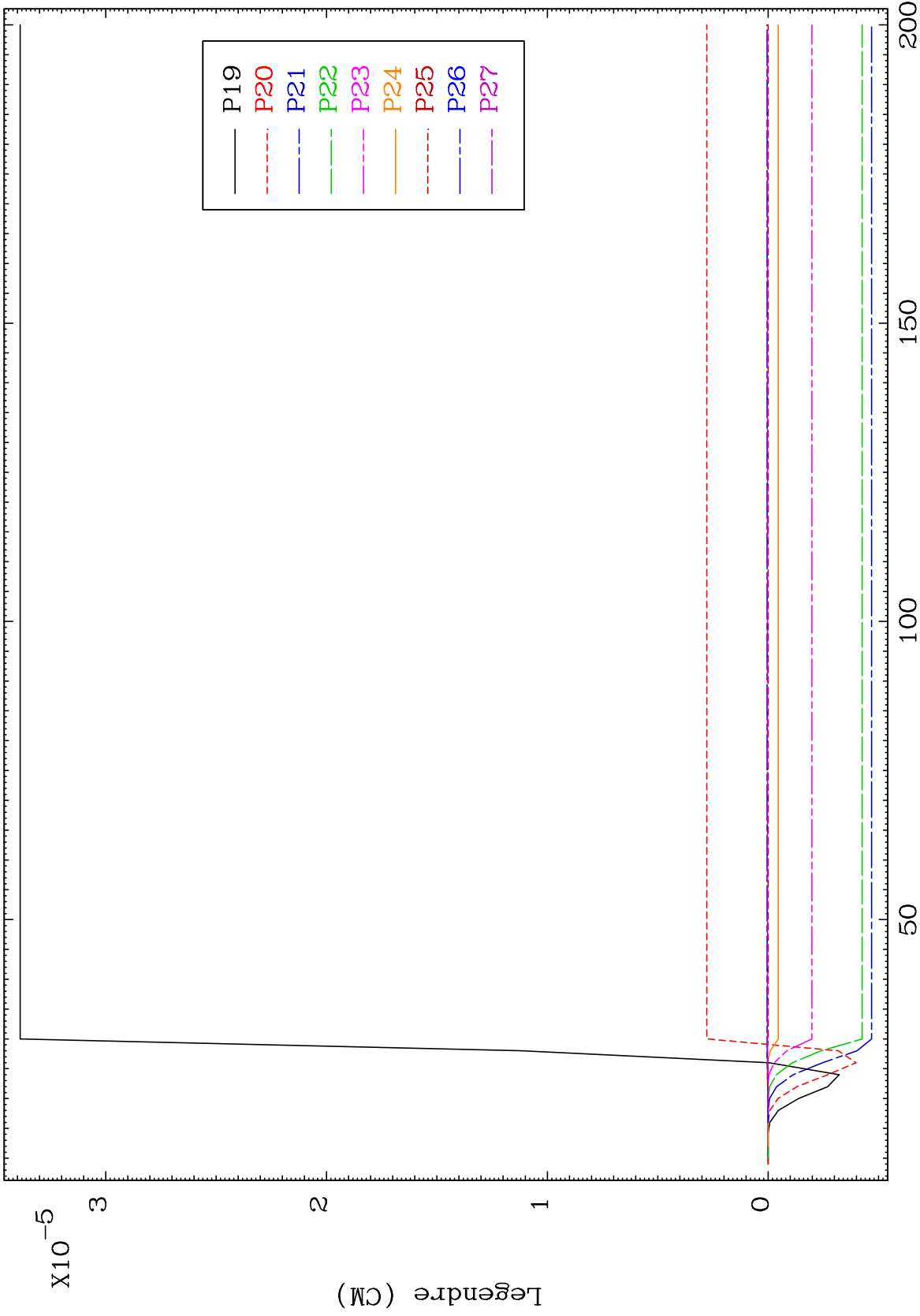
MAT 5264 MT= 59 (n,n') Level Legendre Coefficients 52-Te-133



MAT 5264

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

52-Te-133



54

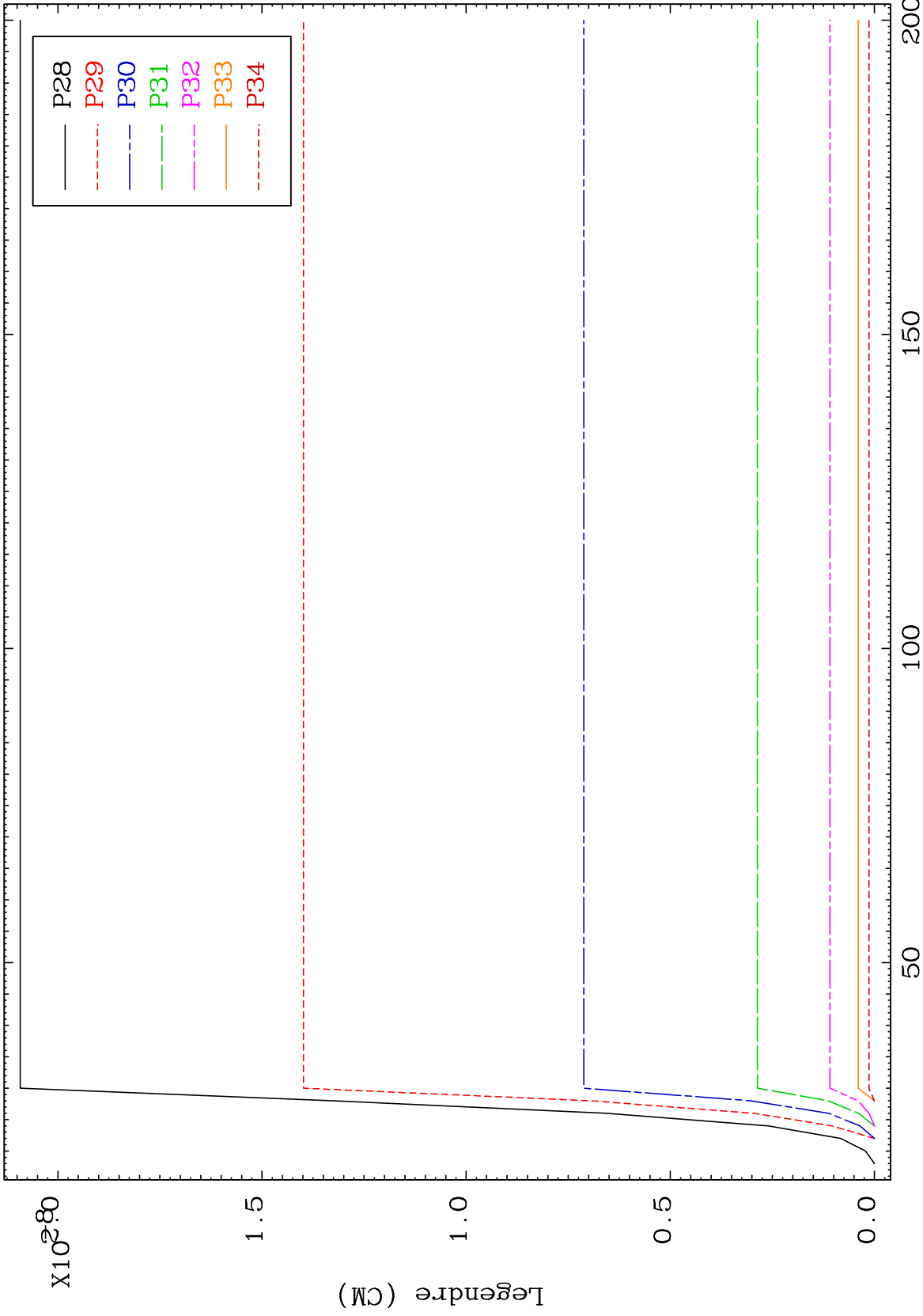
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



55

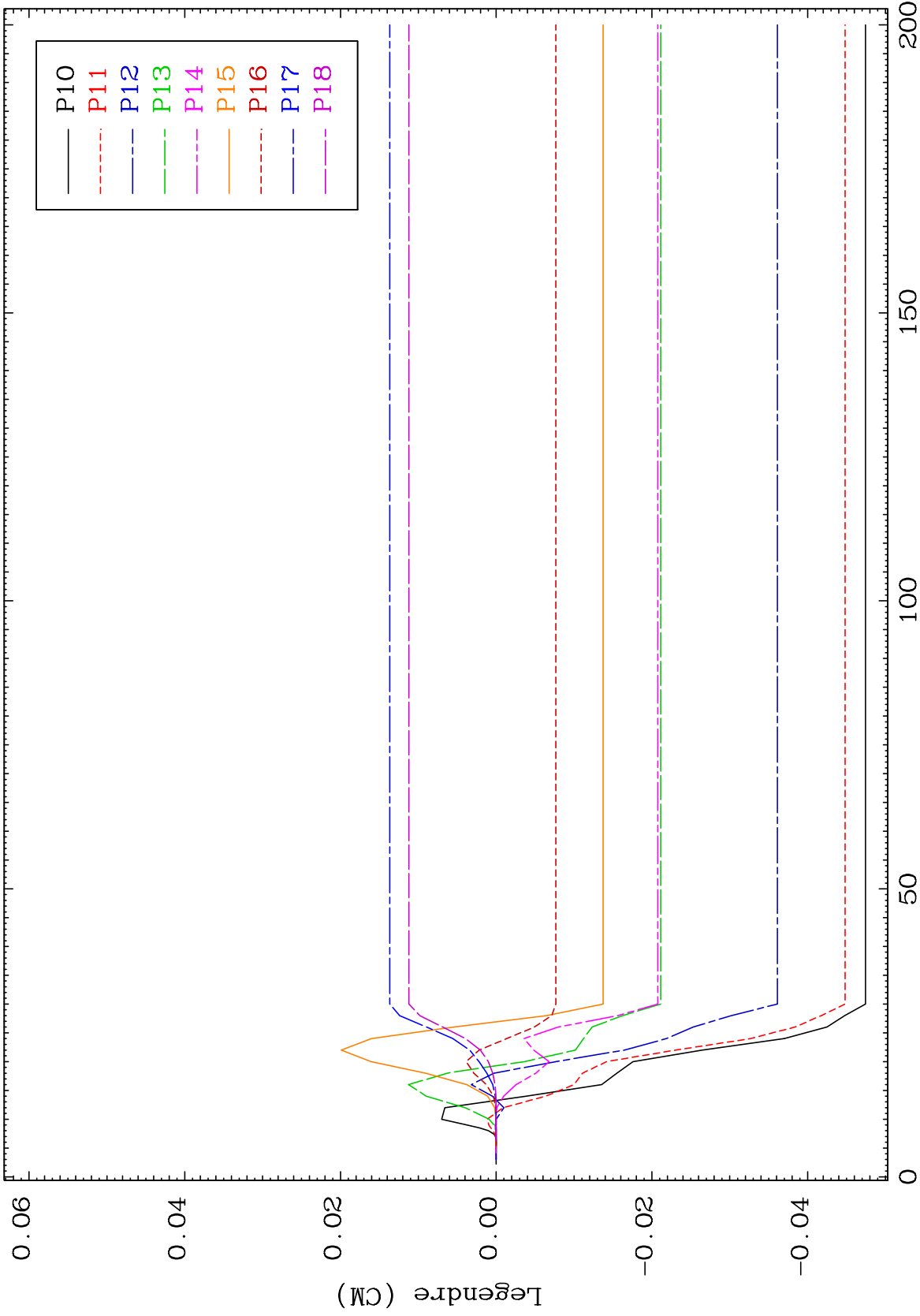
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



57

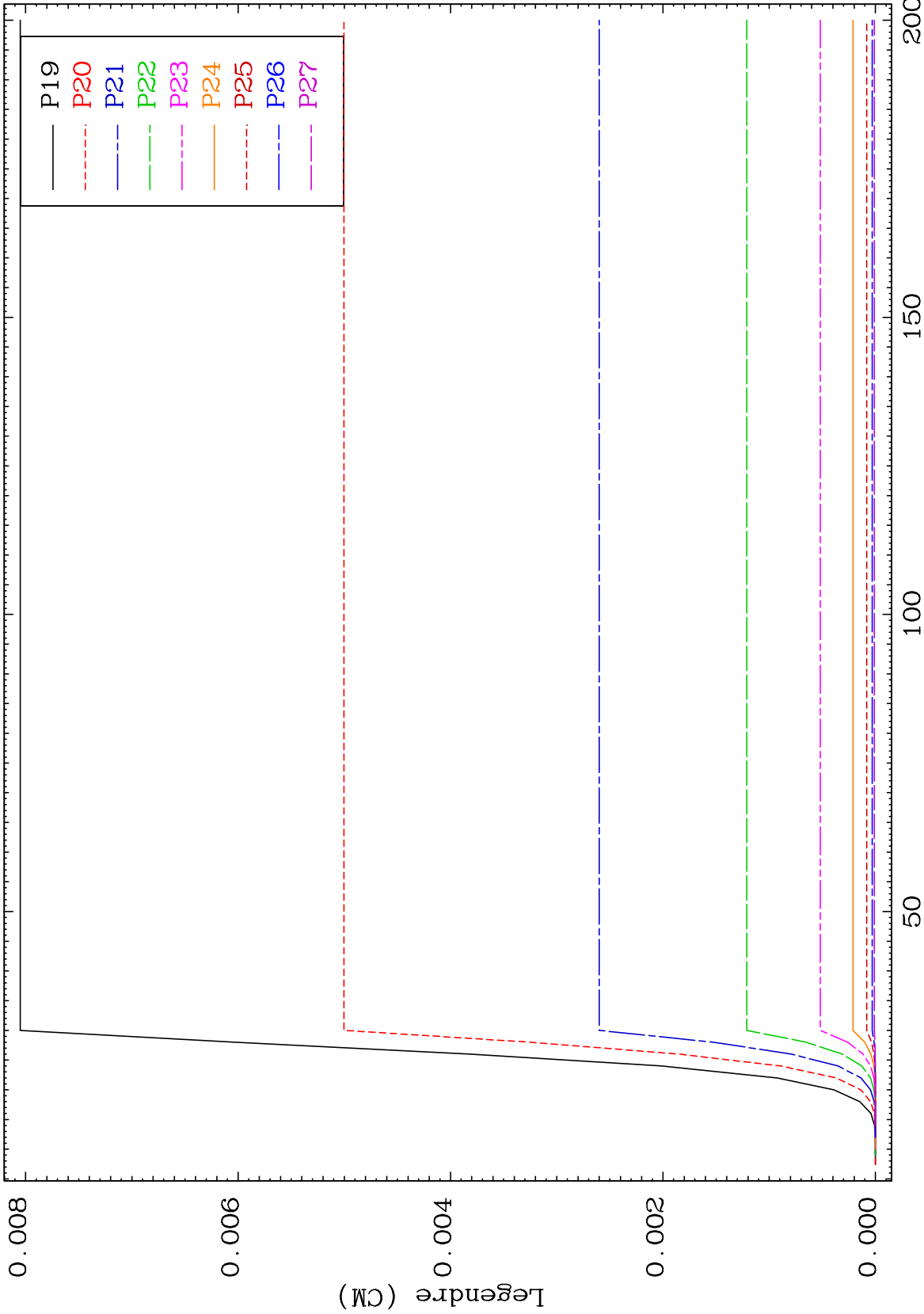
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



58

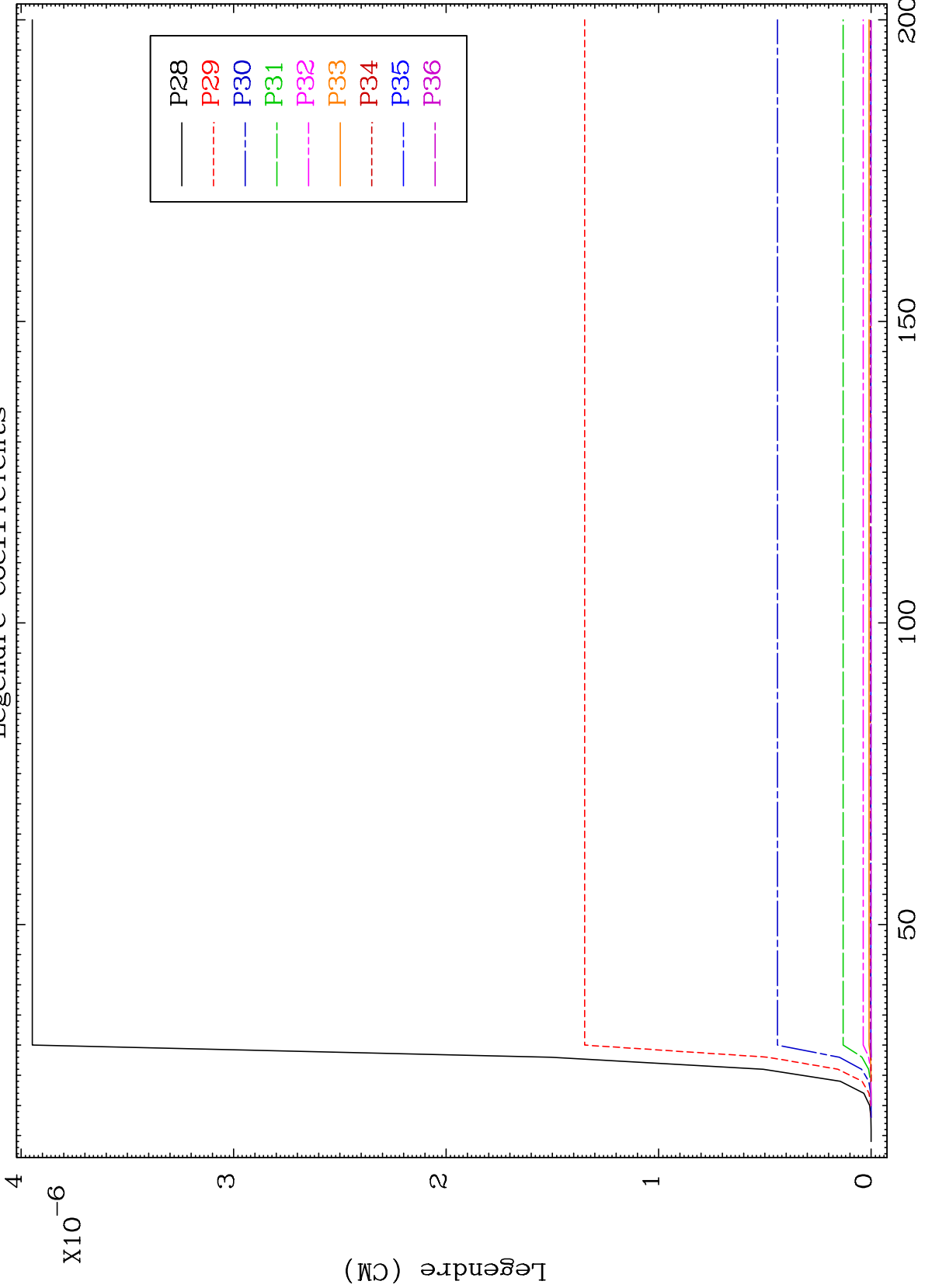
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



59

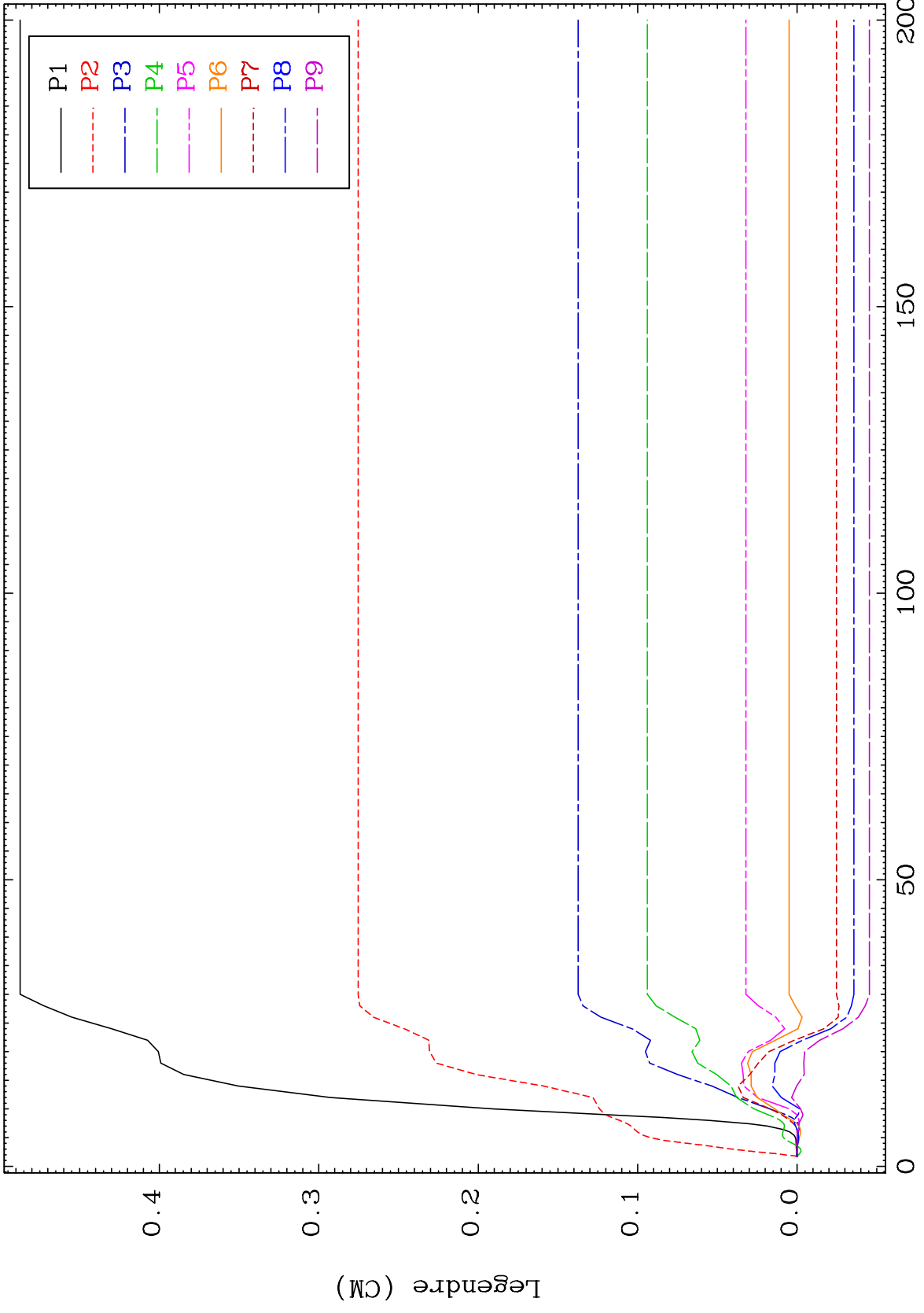
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



60

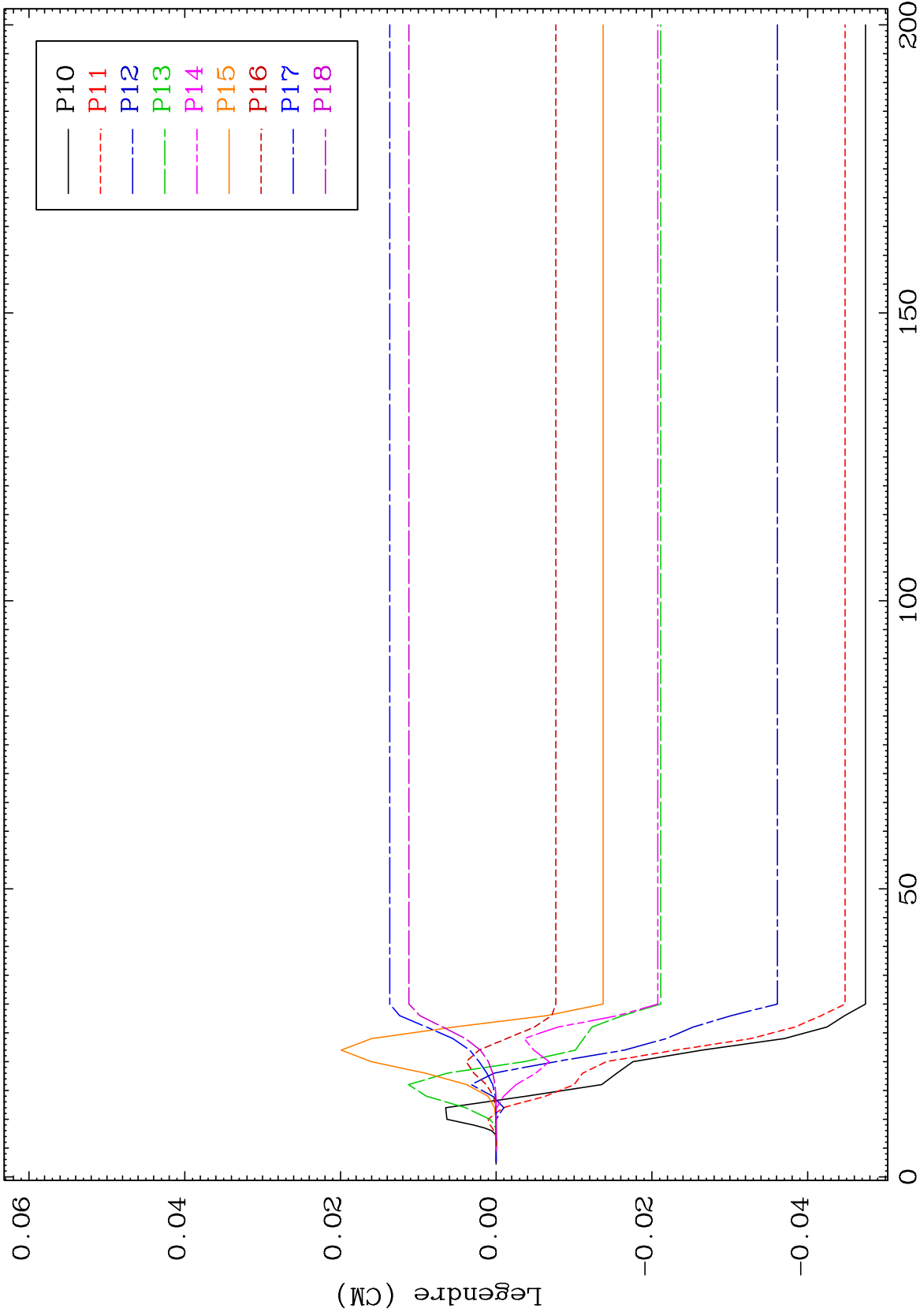
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



61

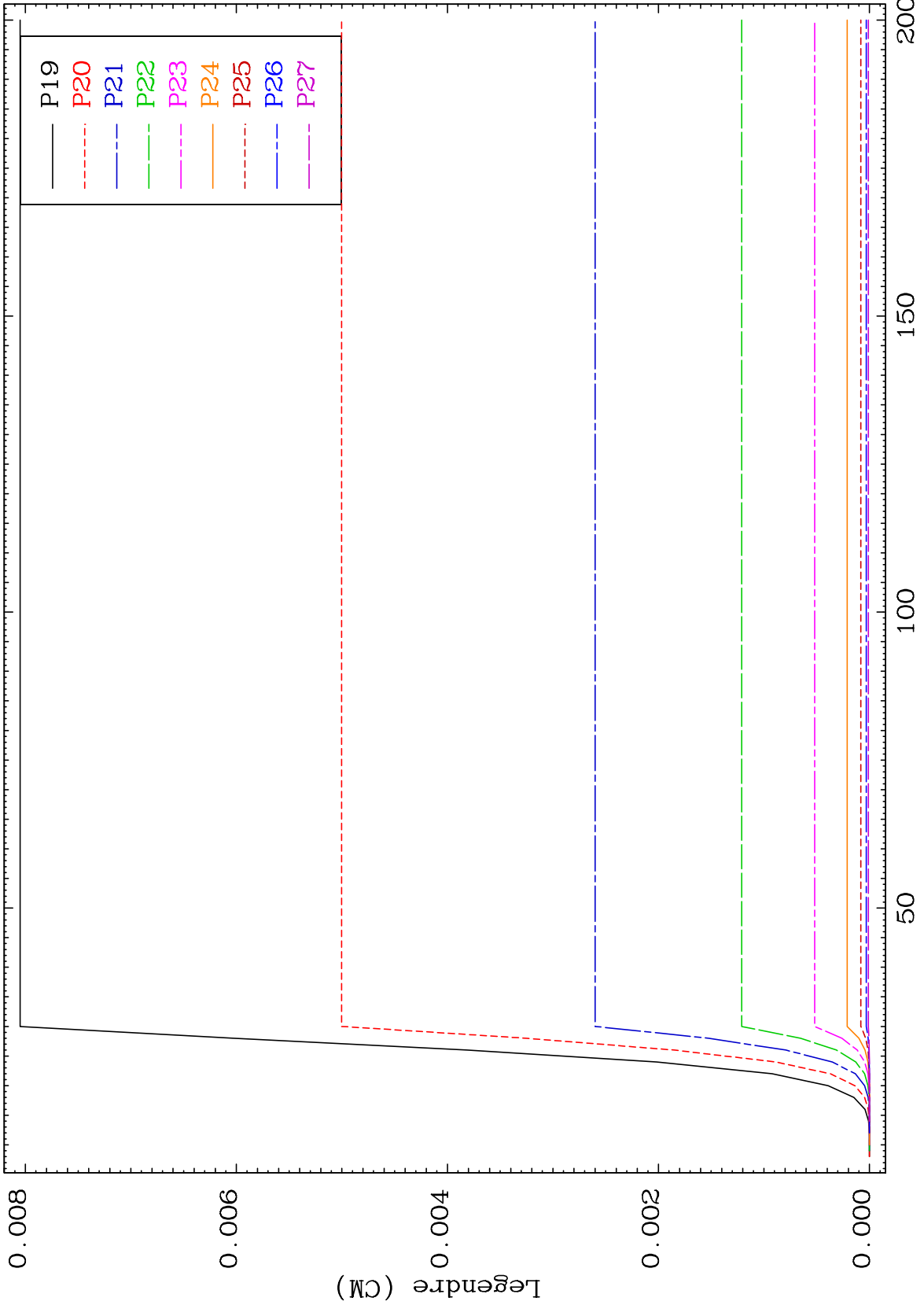
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



62

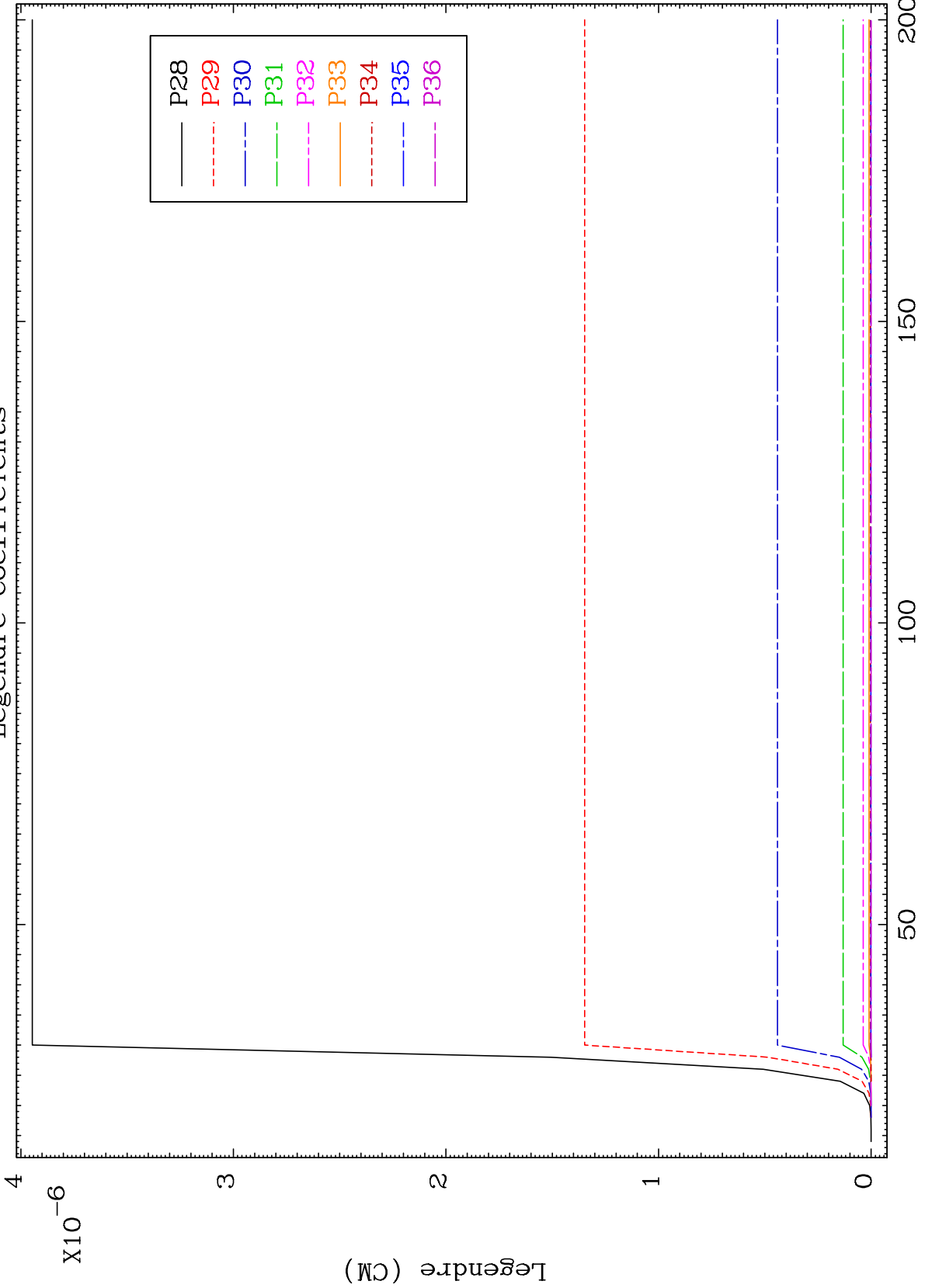
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



63

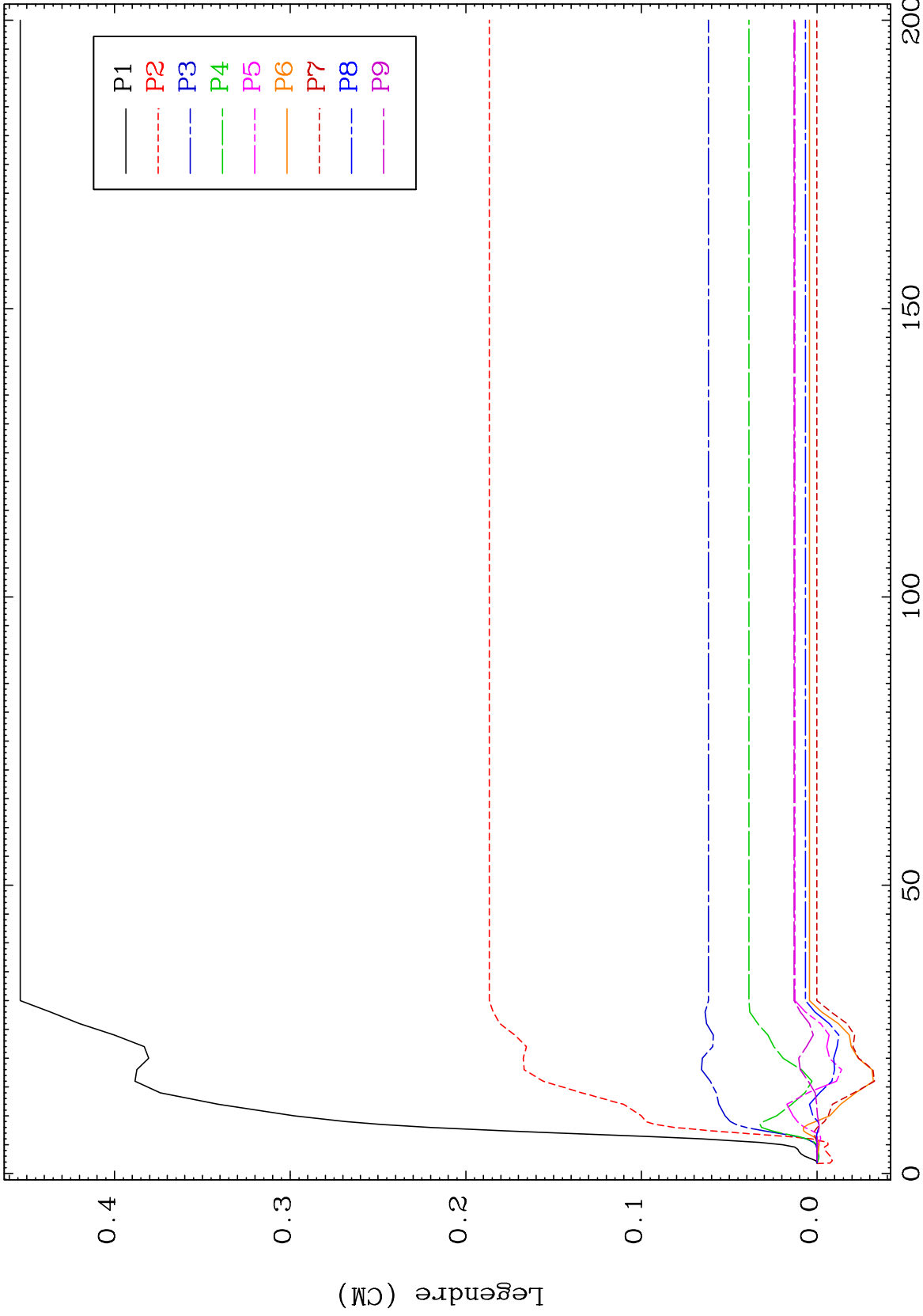
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



64

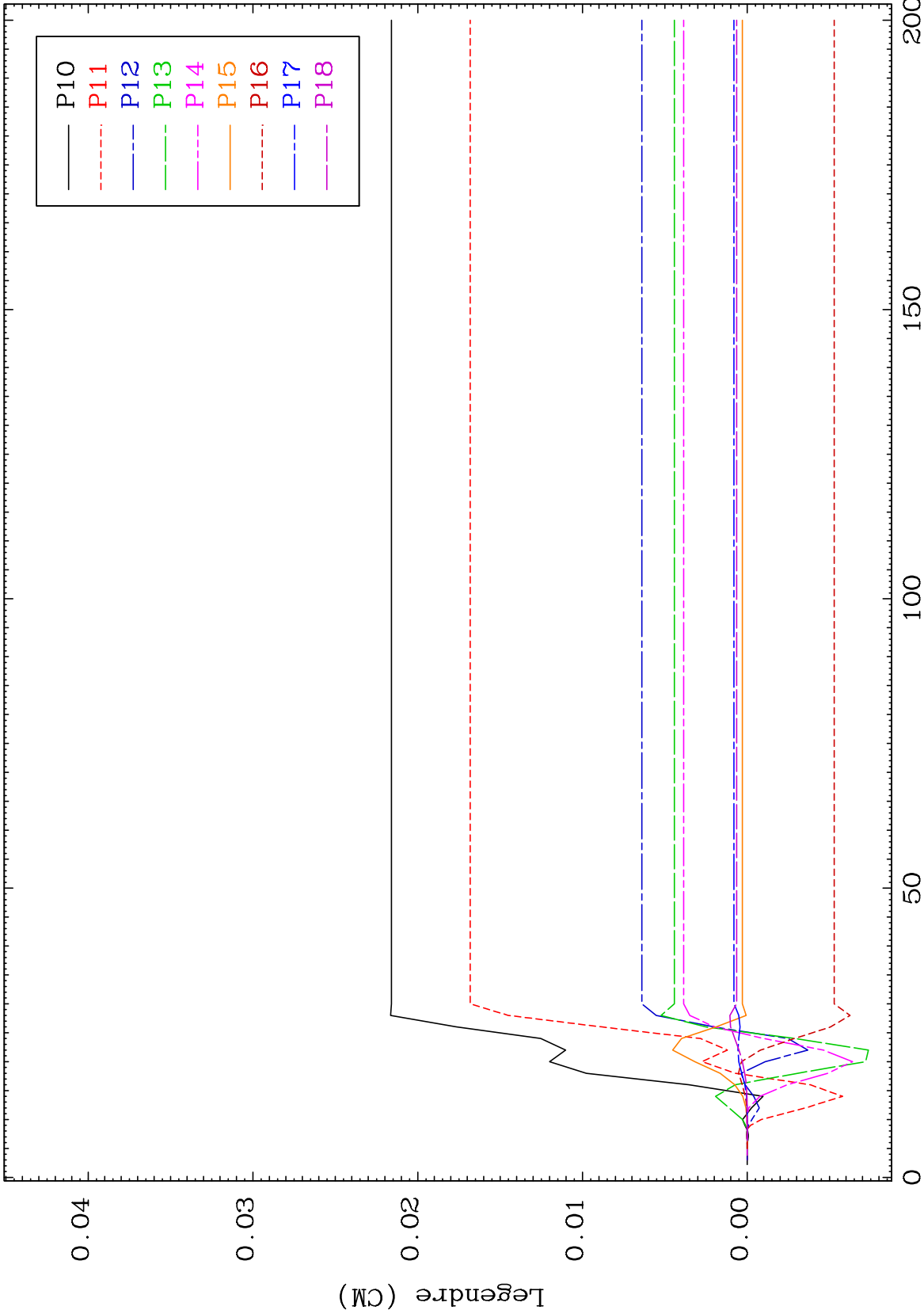
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



65

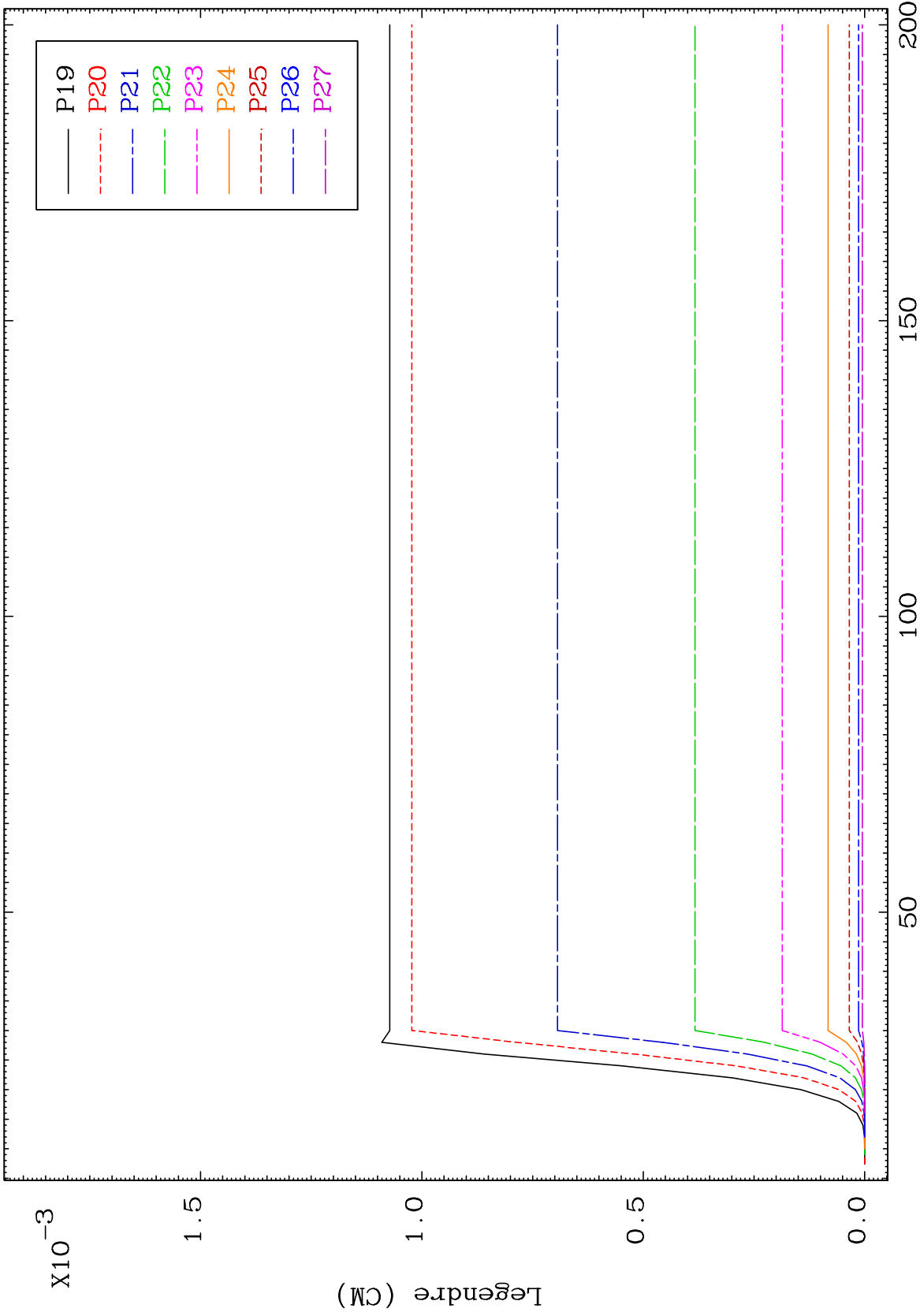
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



66

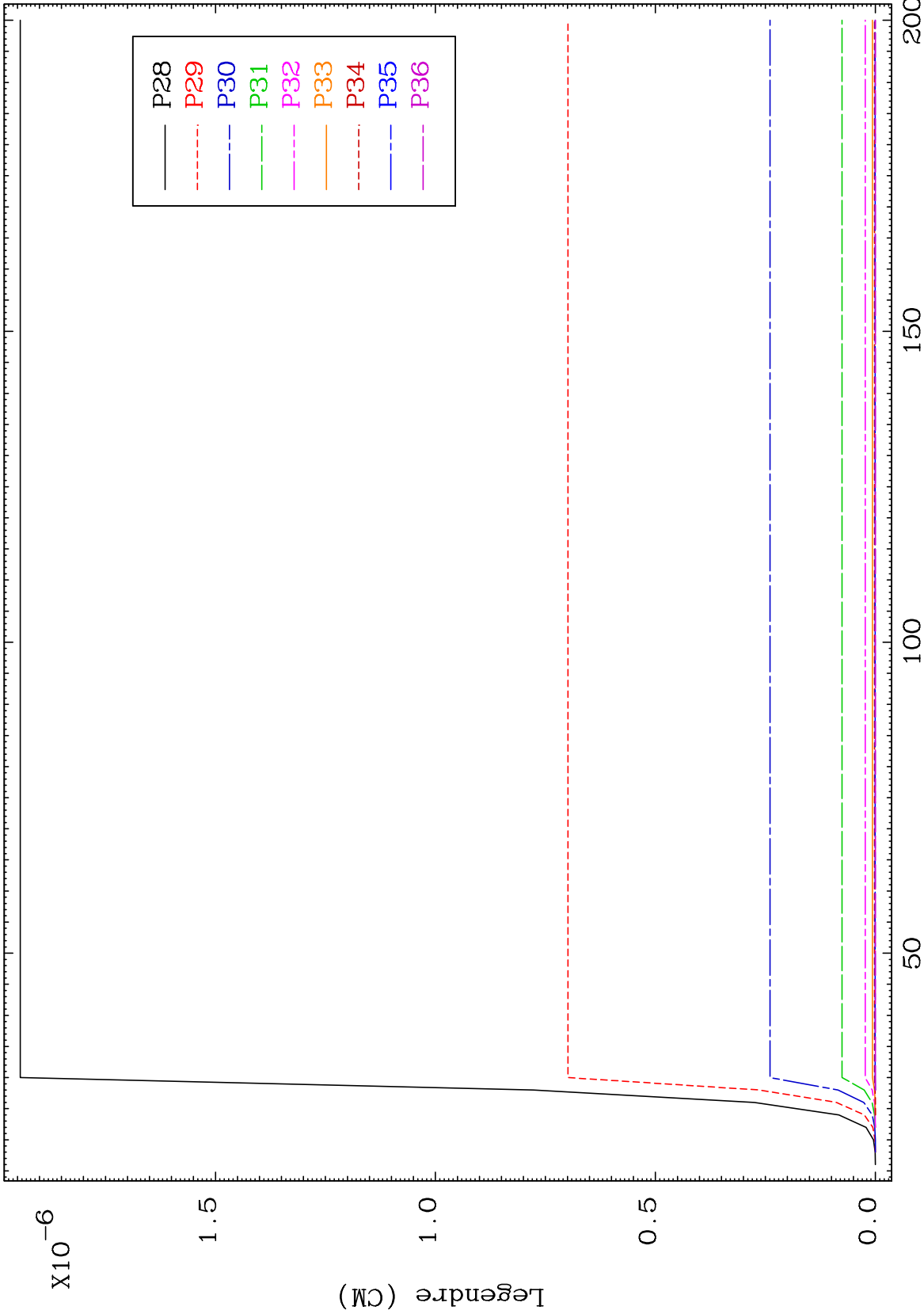
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



67

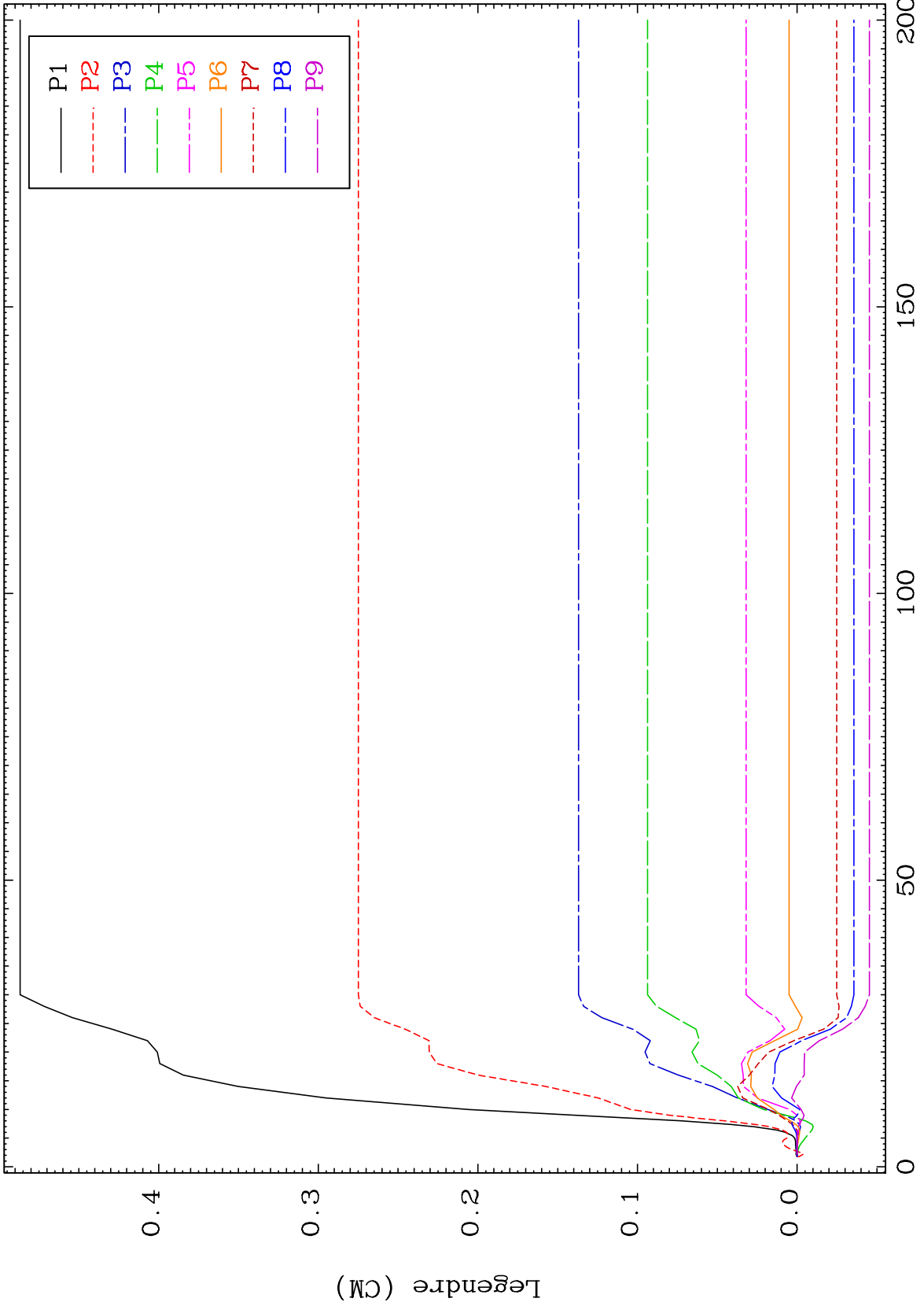
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



68

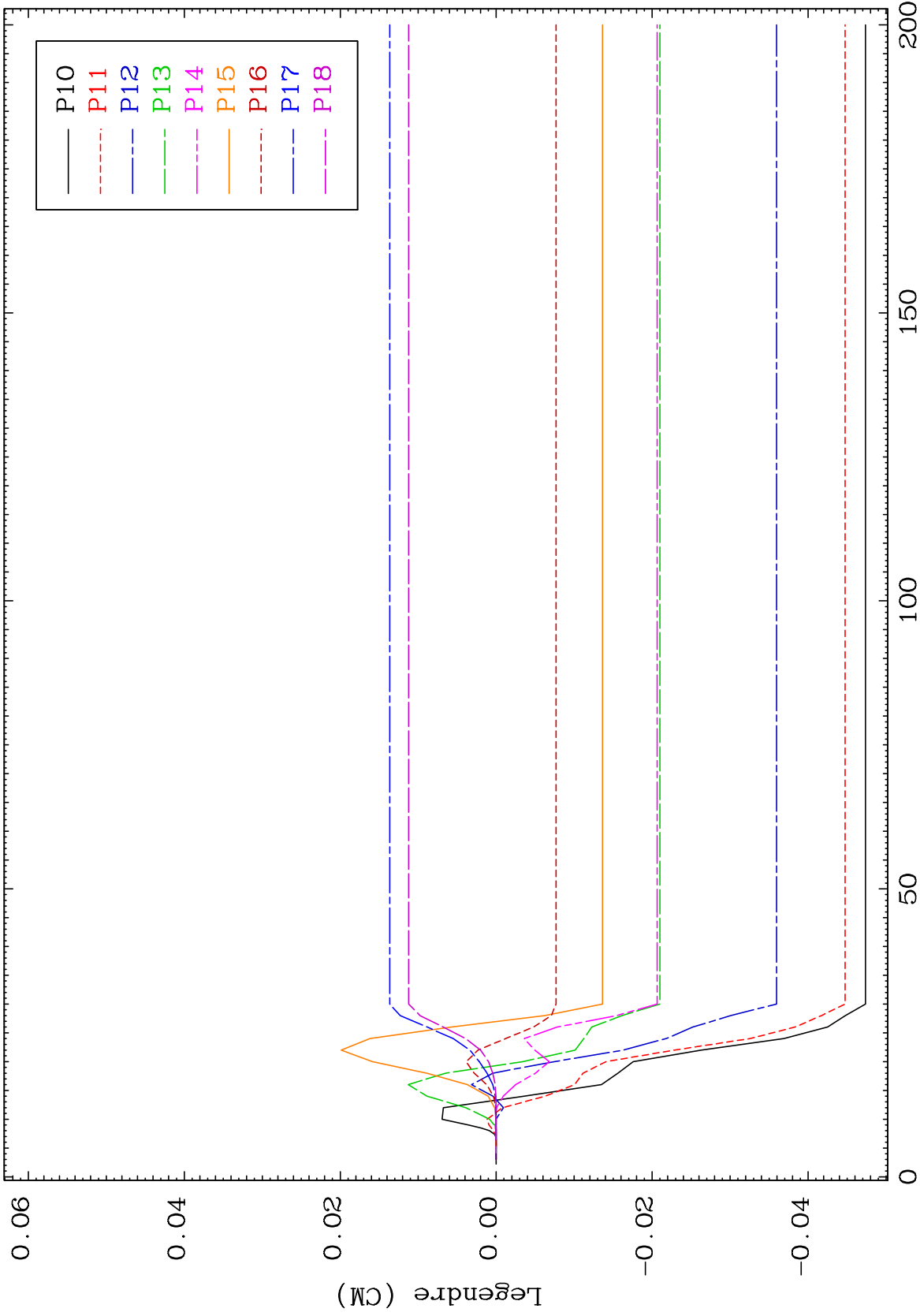
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



69

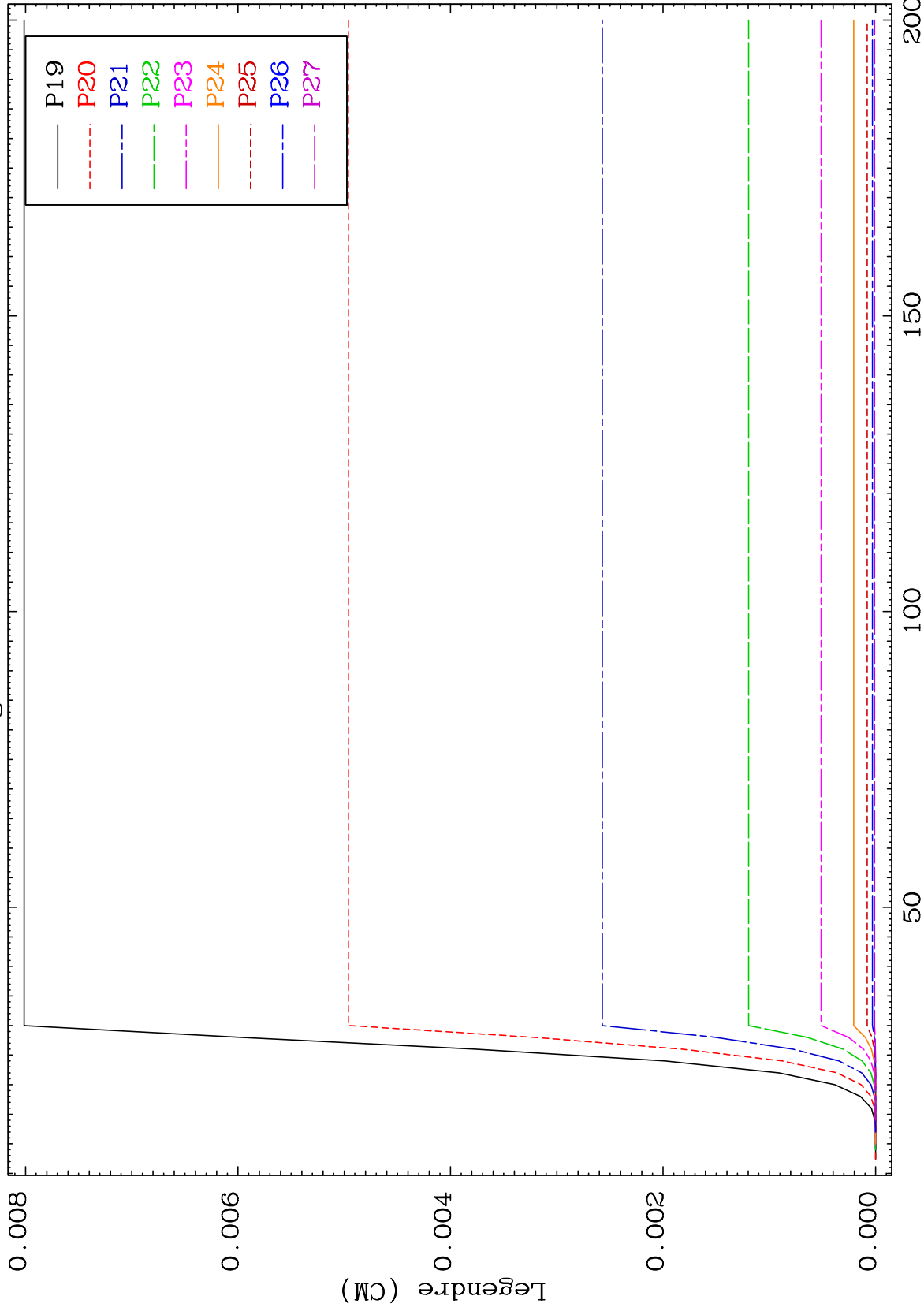
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



70

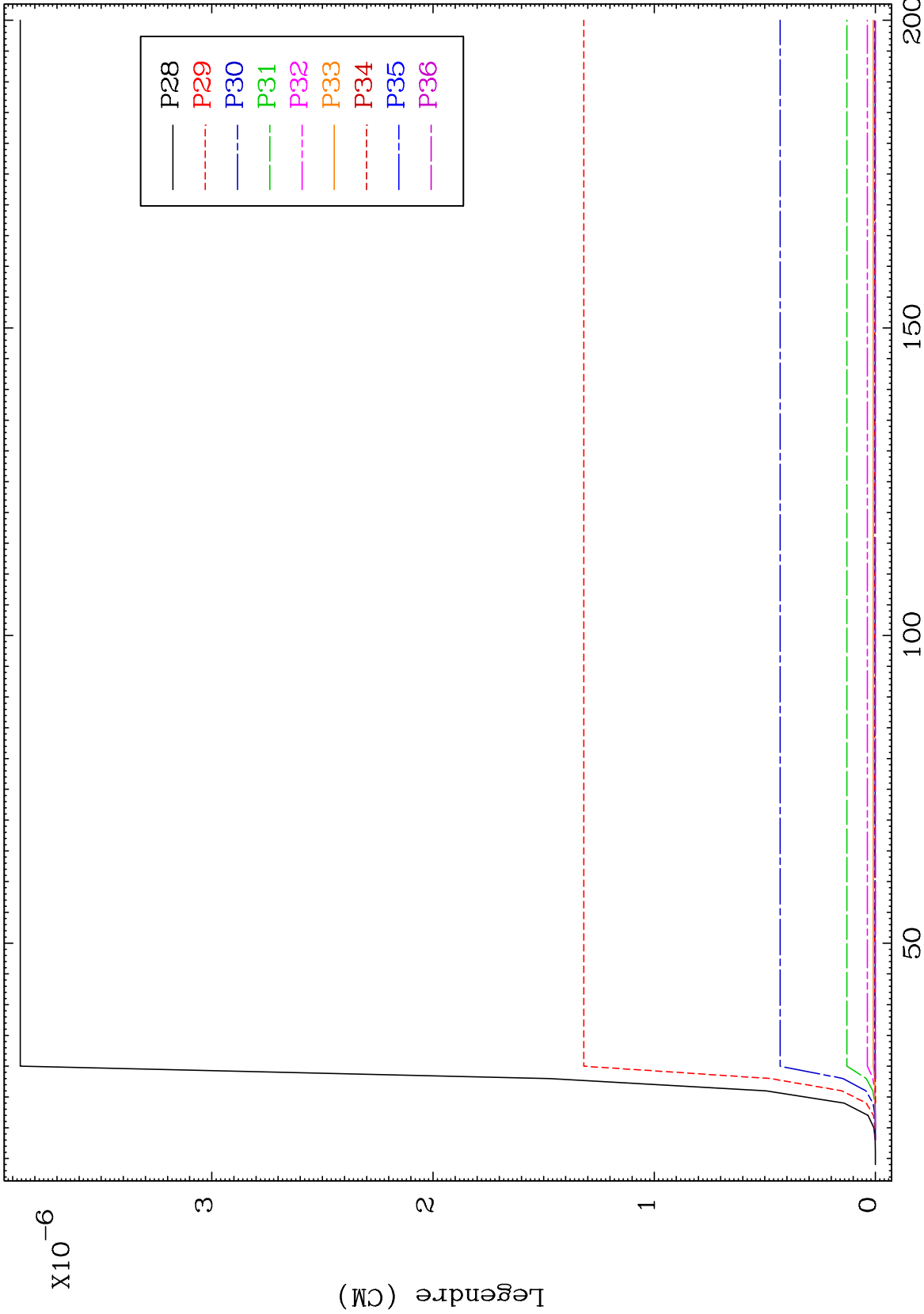
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



71

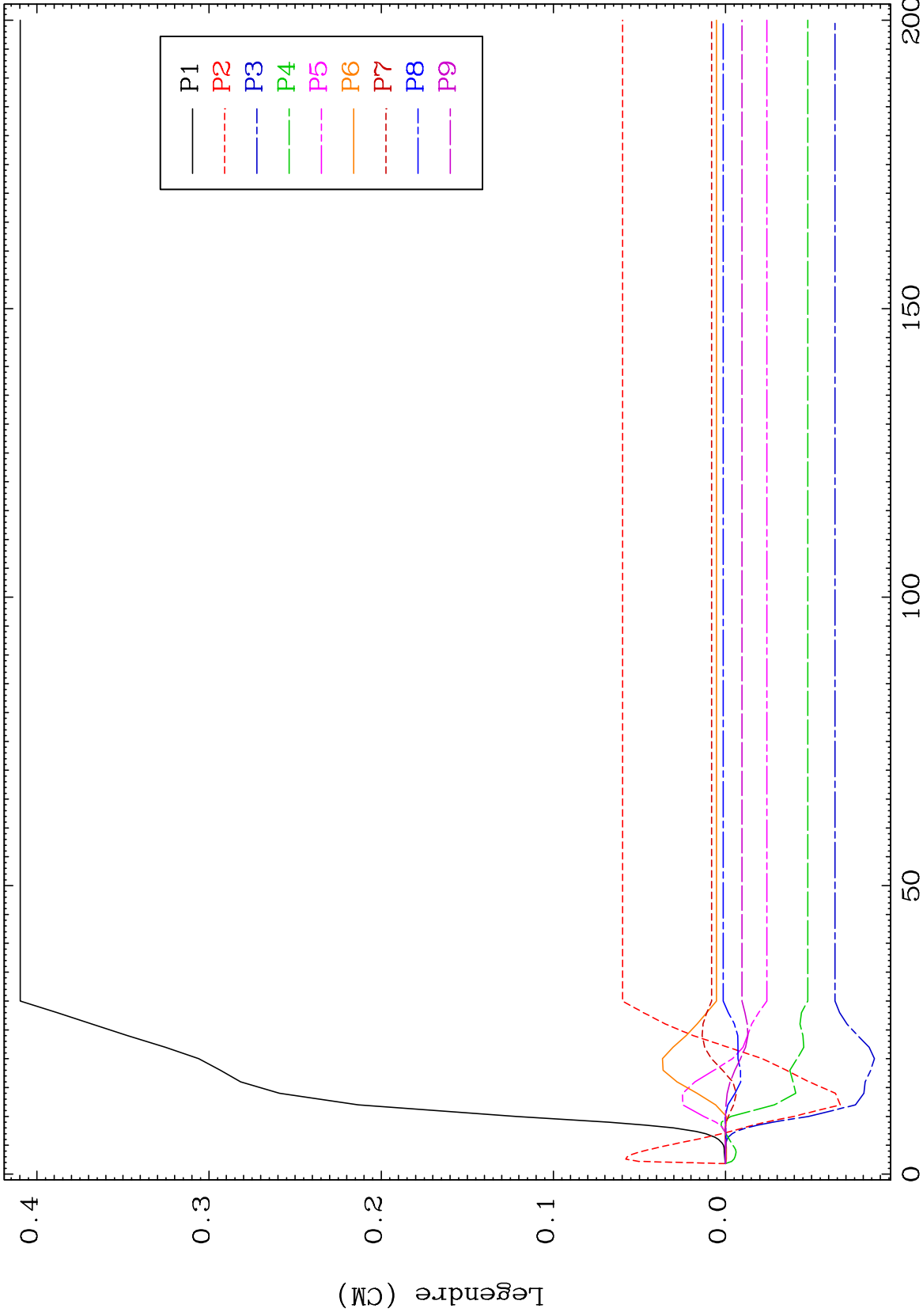
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



72

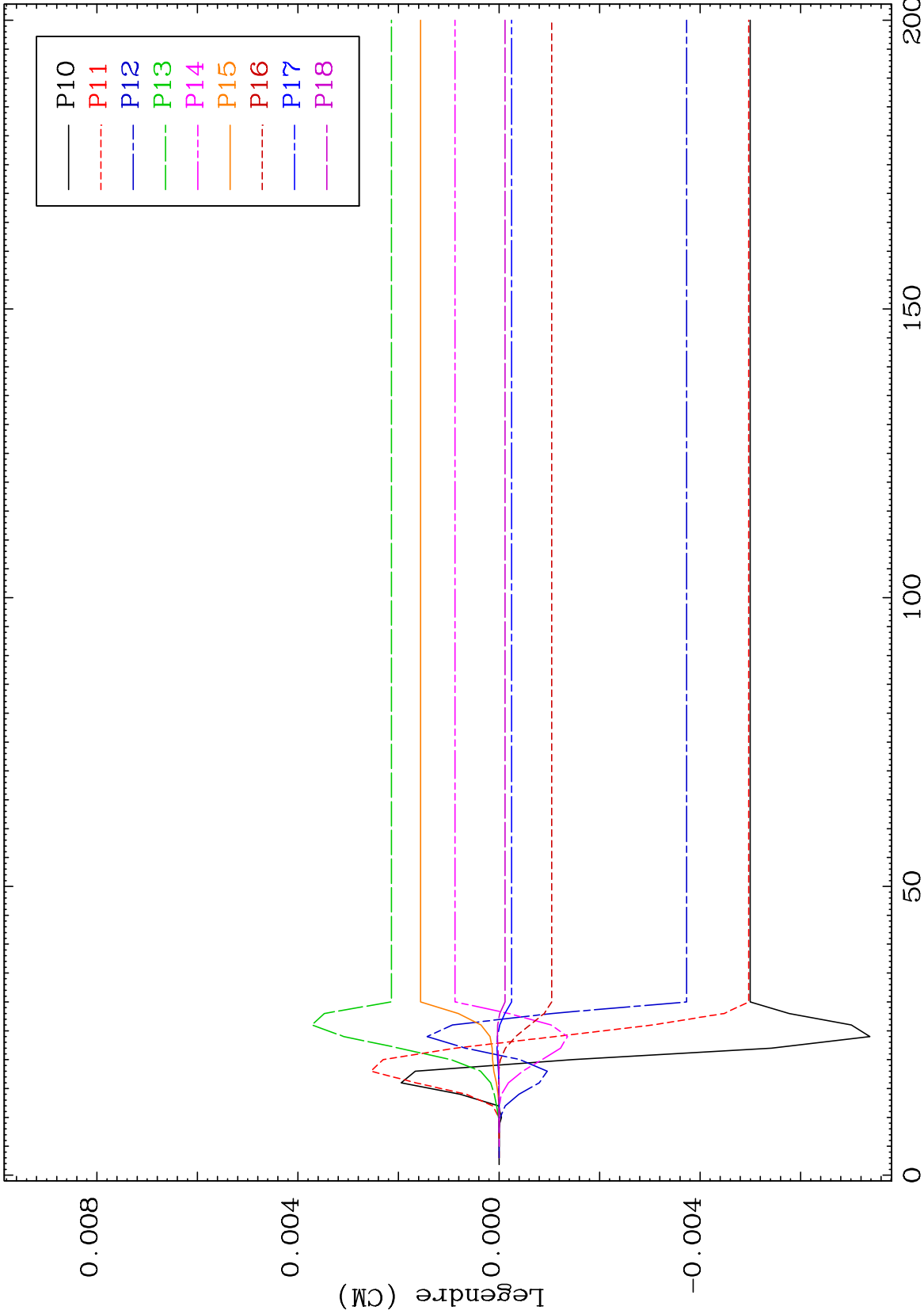
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



73

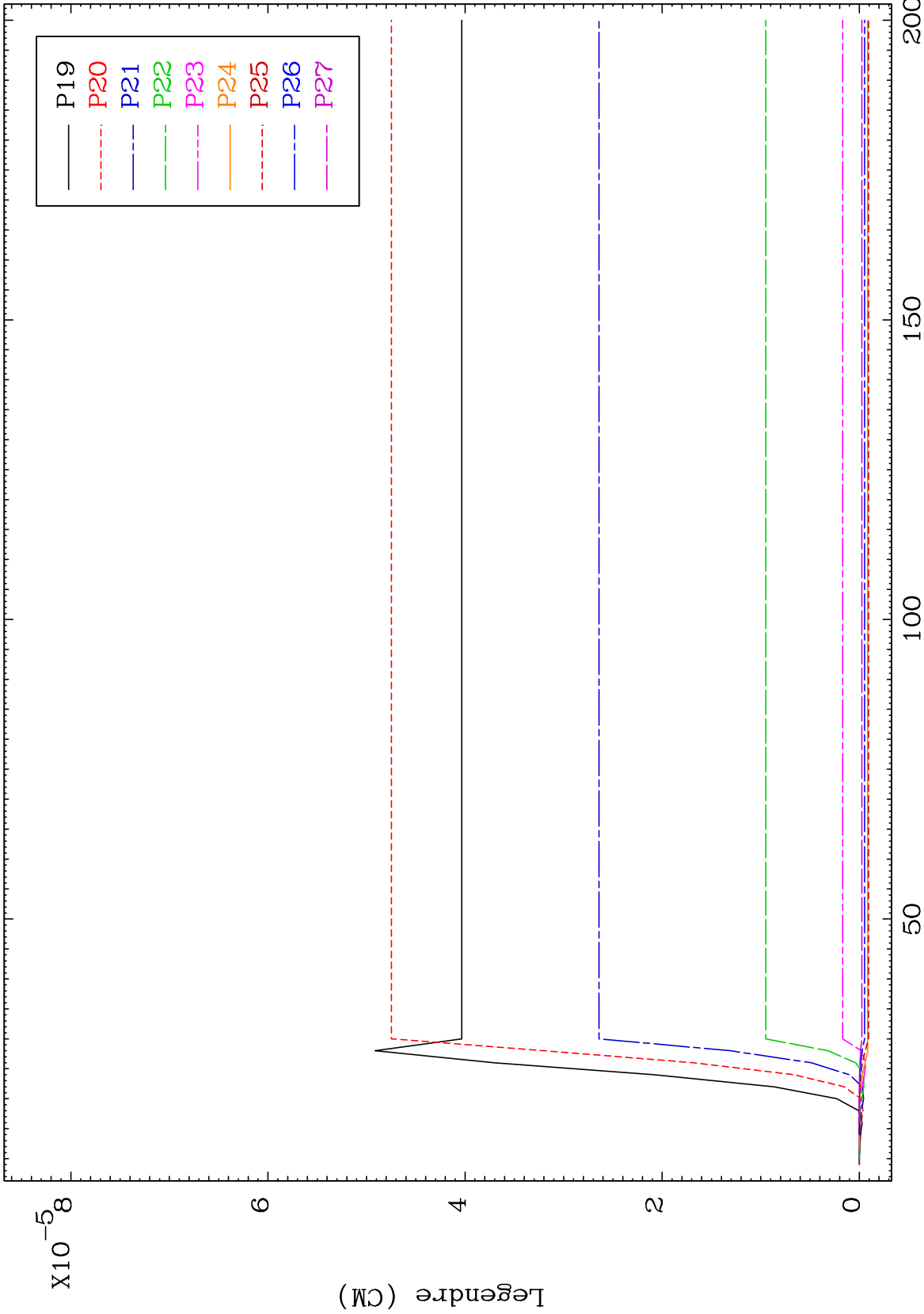
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



74

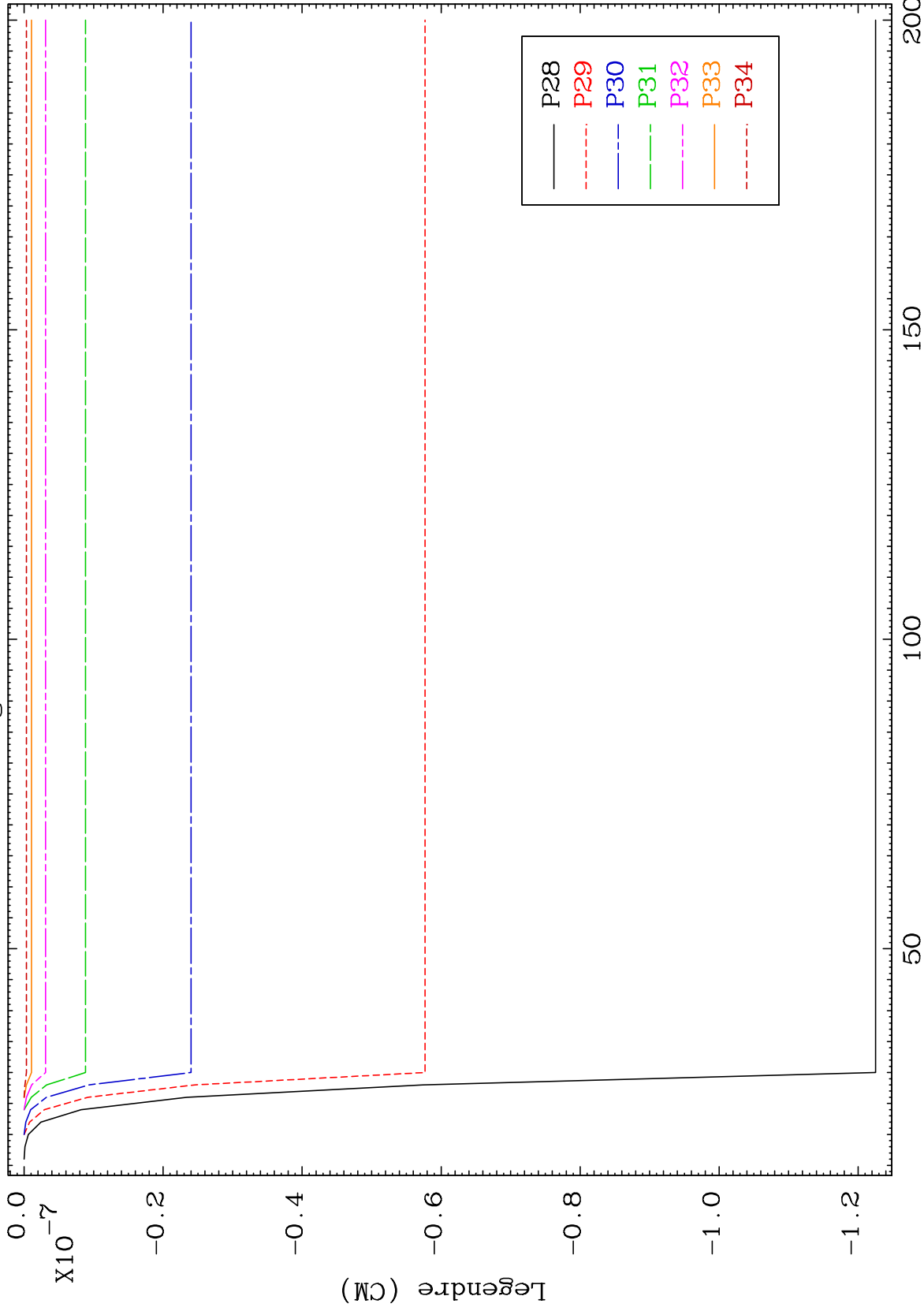
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



52-Te-133

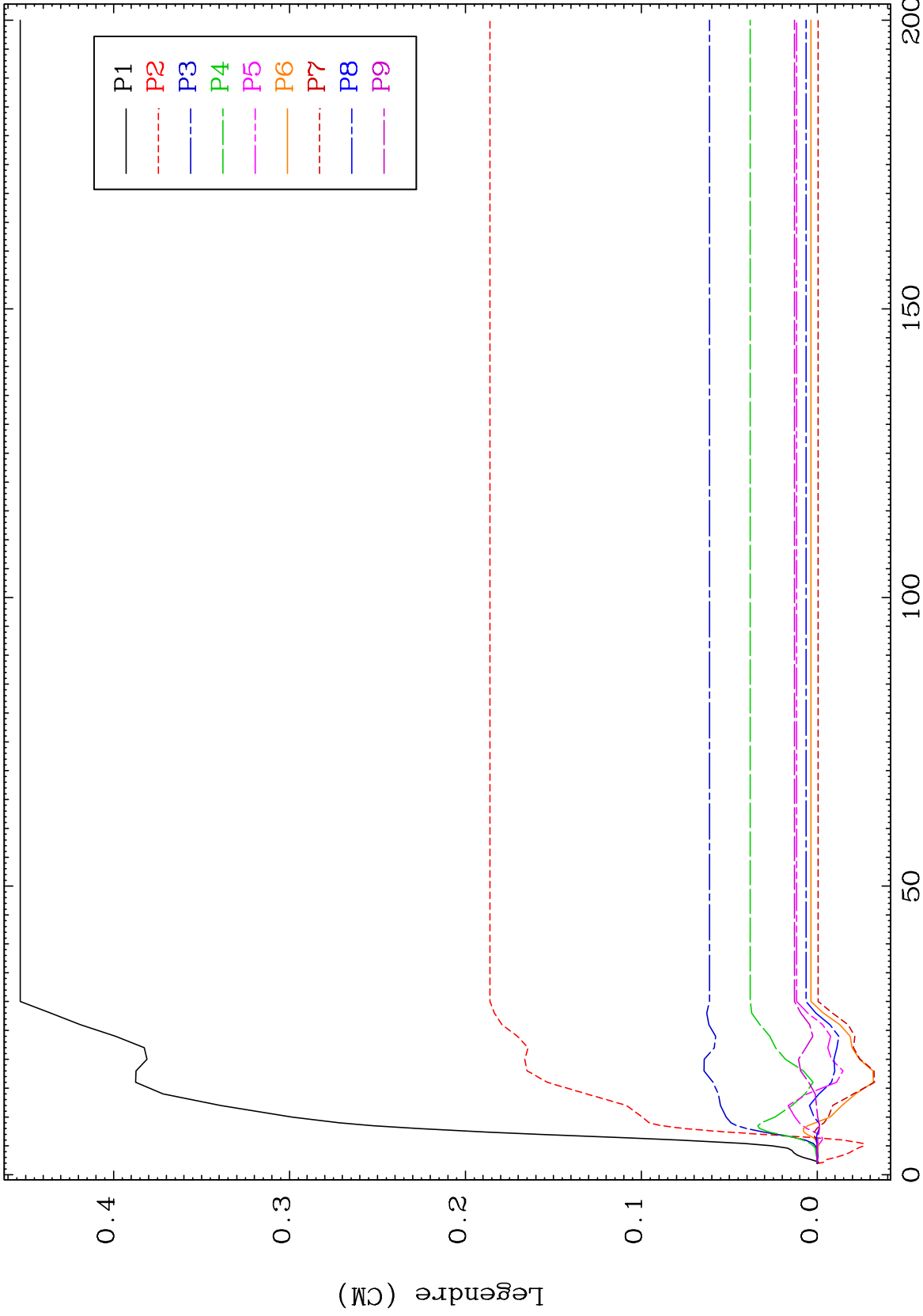
Incident Energy (MeV)

75

MAT 5264

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

52-Te-133



76

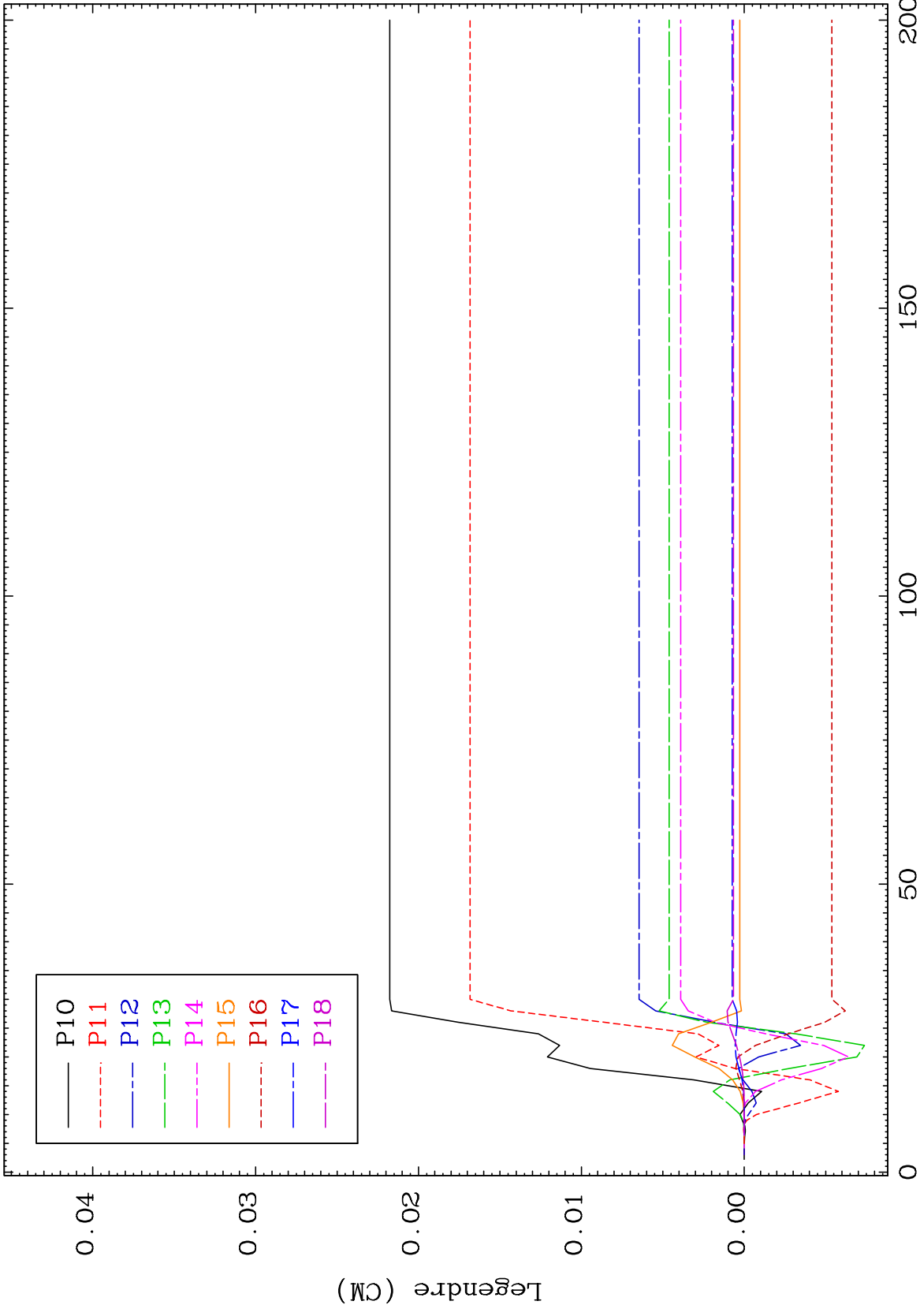
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



77

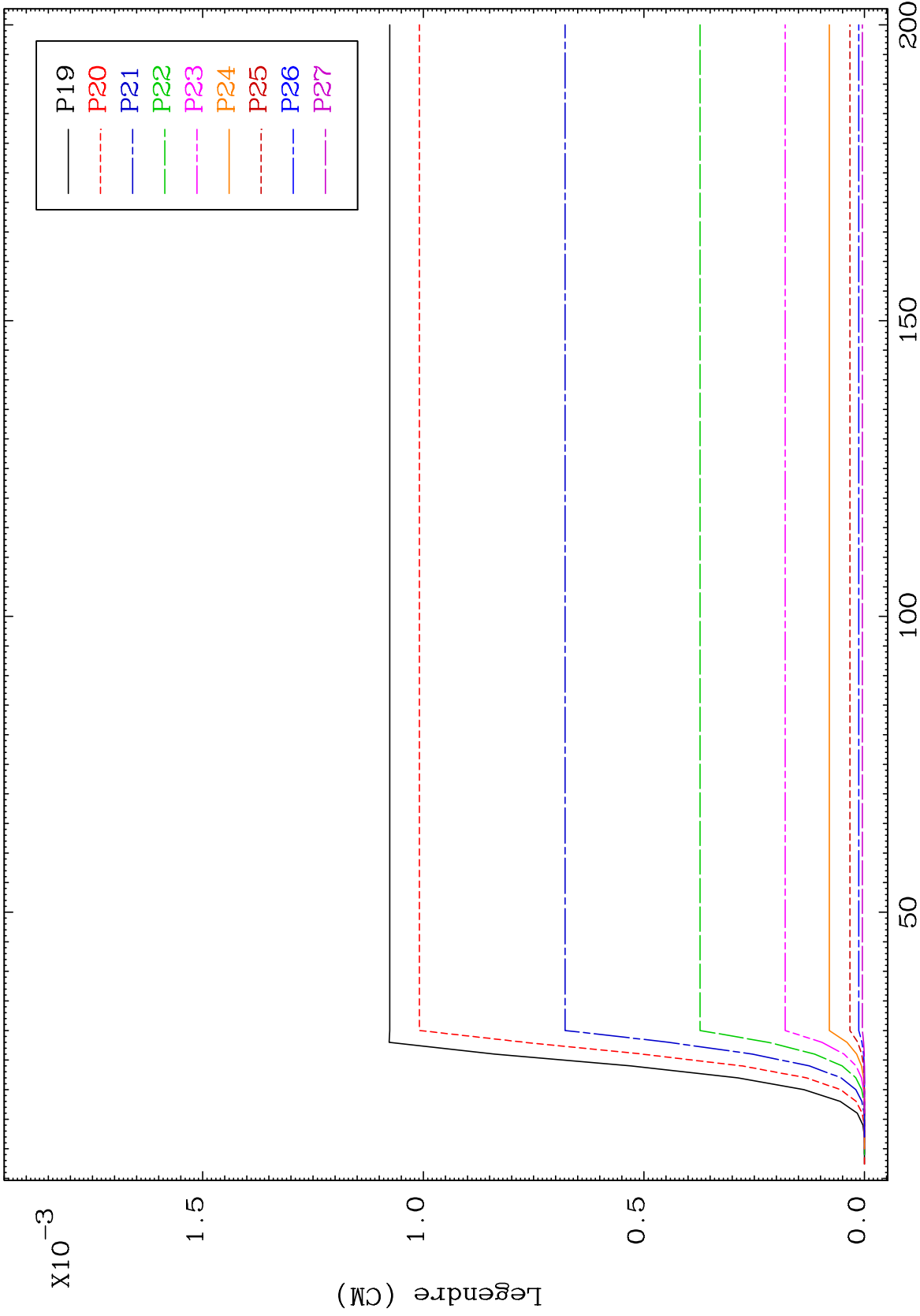
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



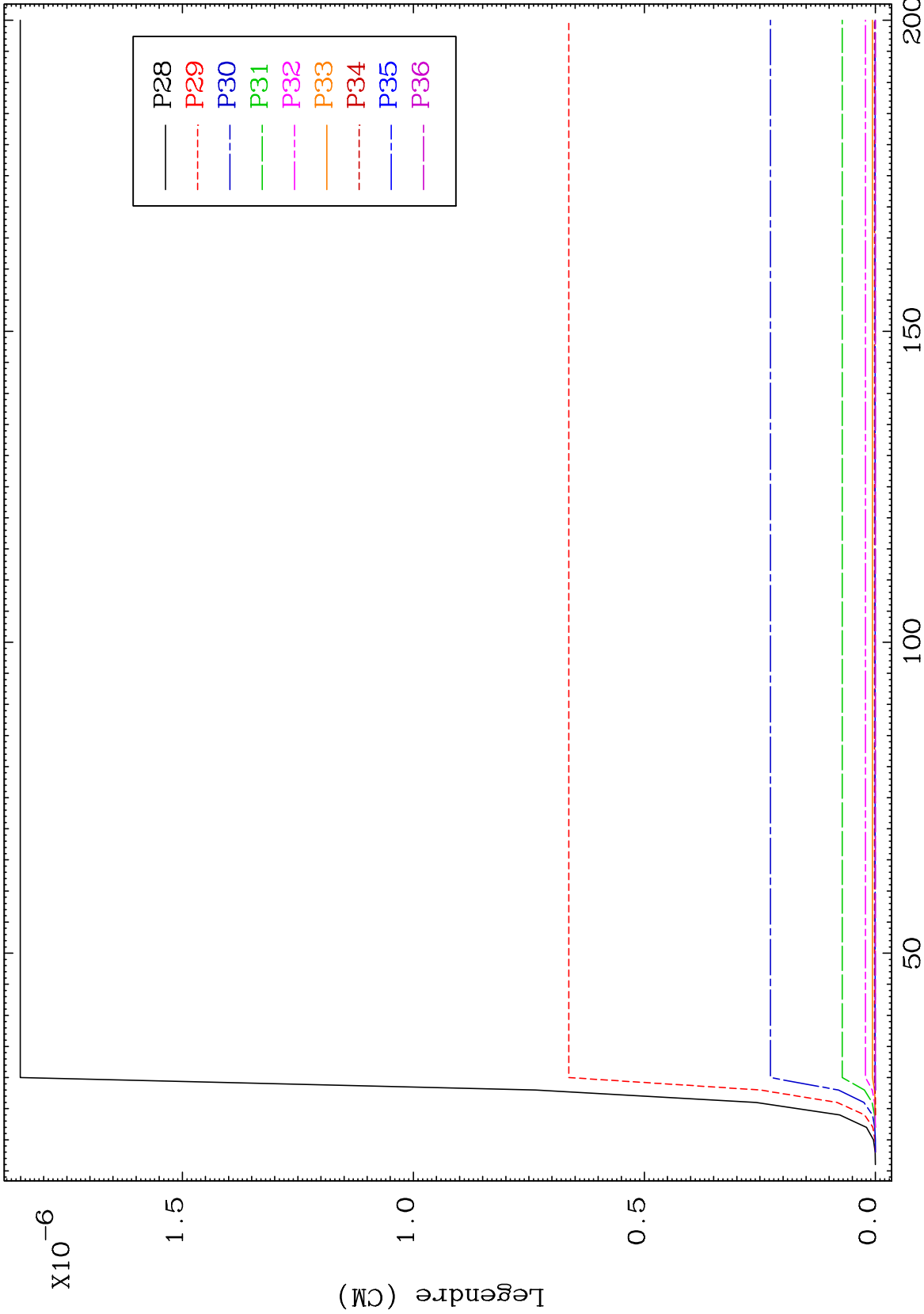
78

52-Te-133

MAT 5264

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

52-Te-133



79

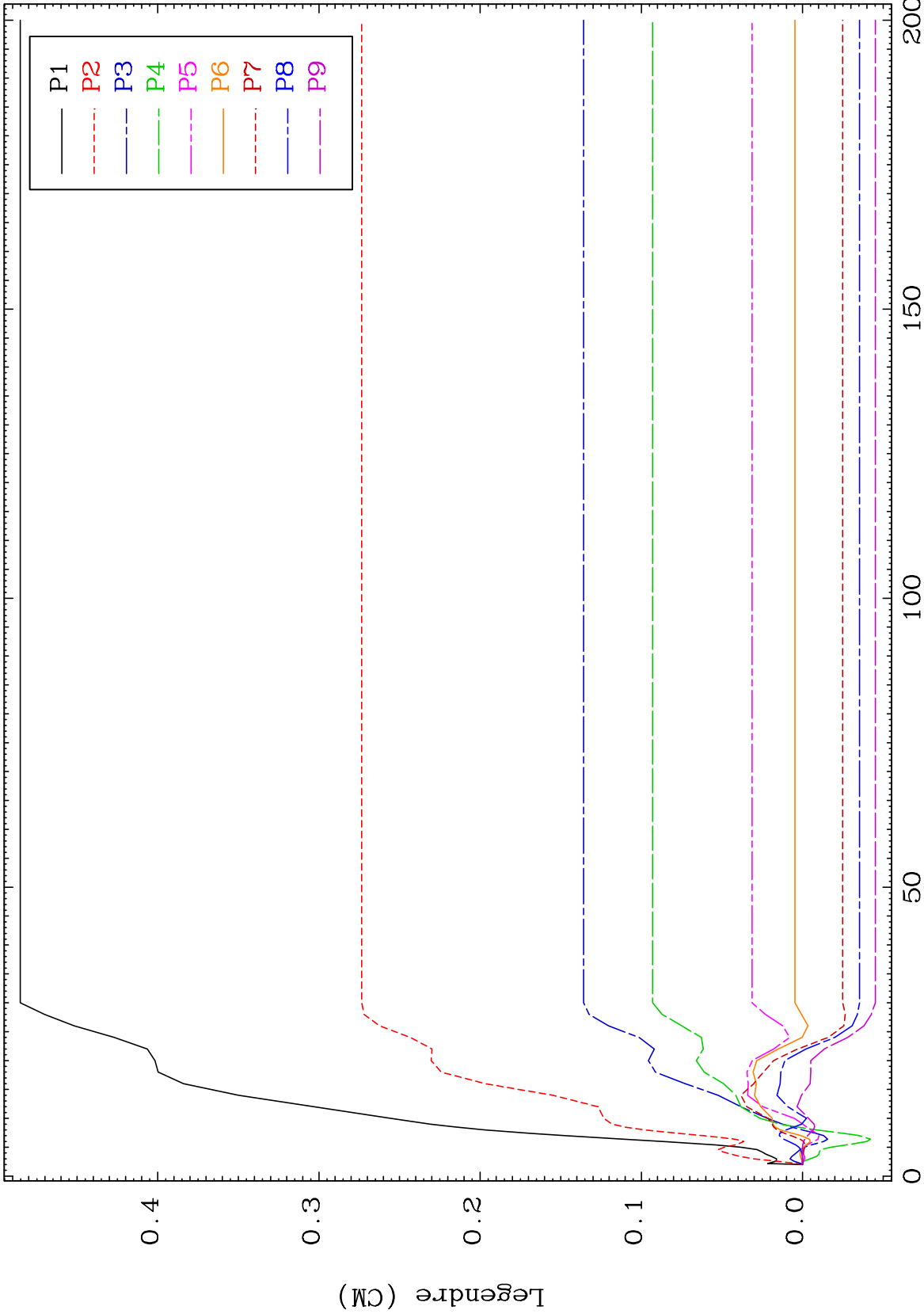
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



80

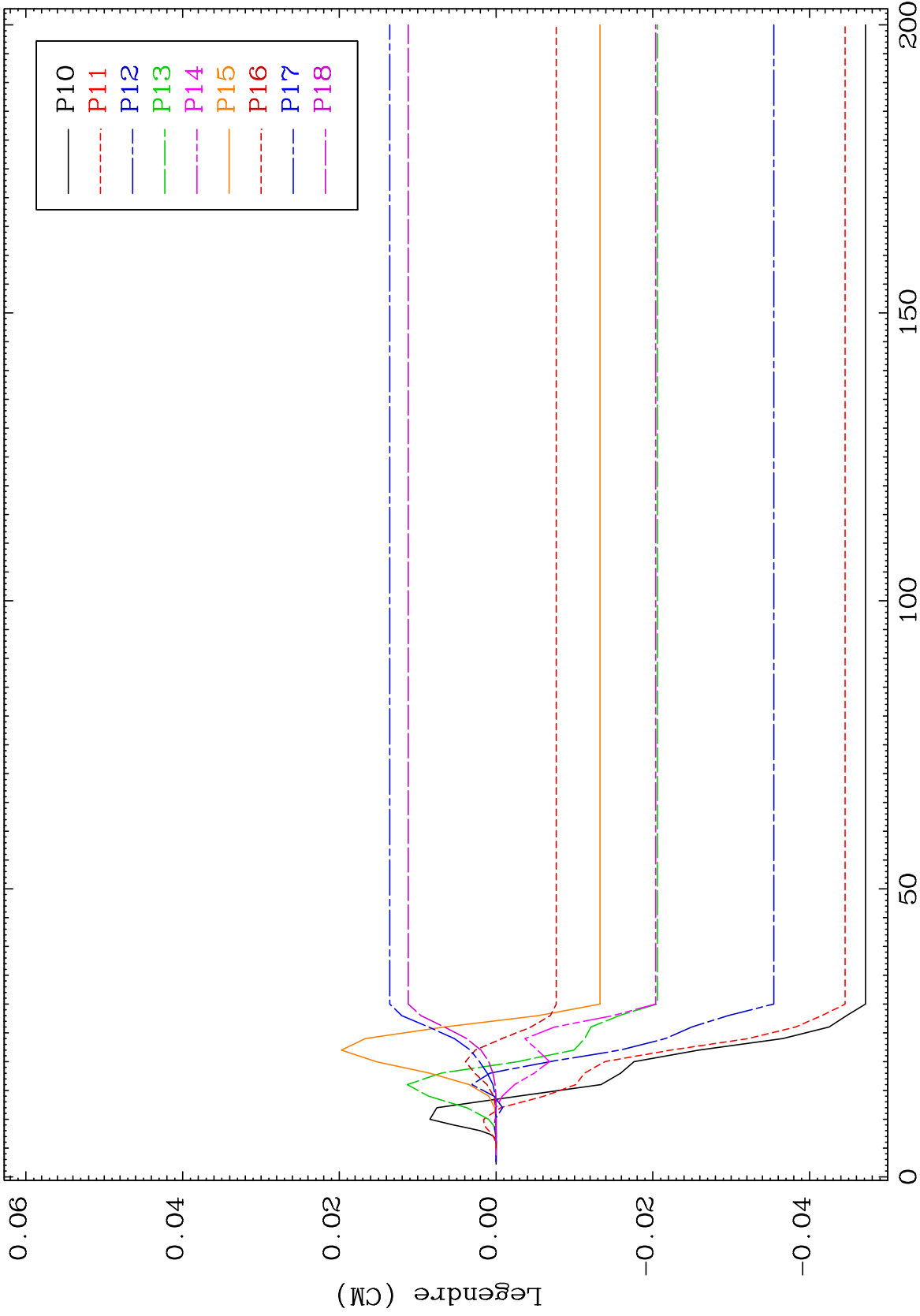
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

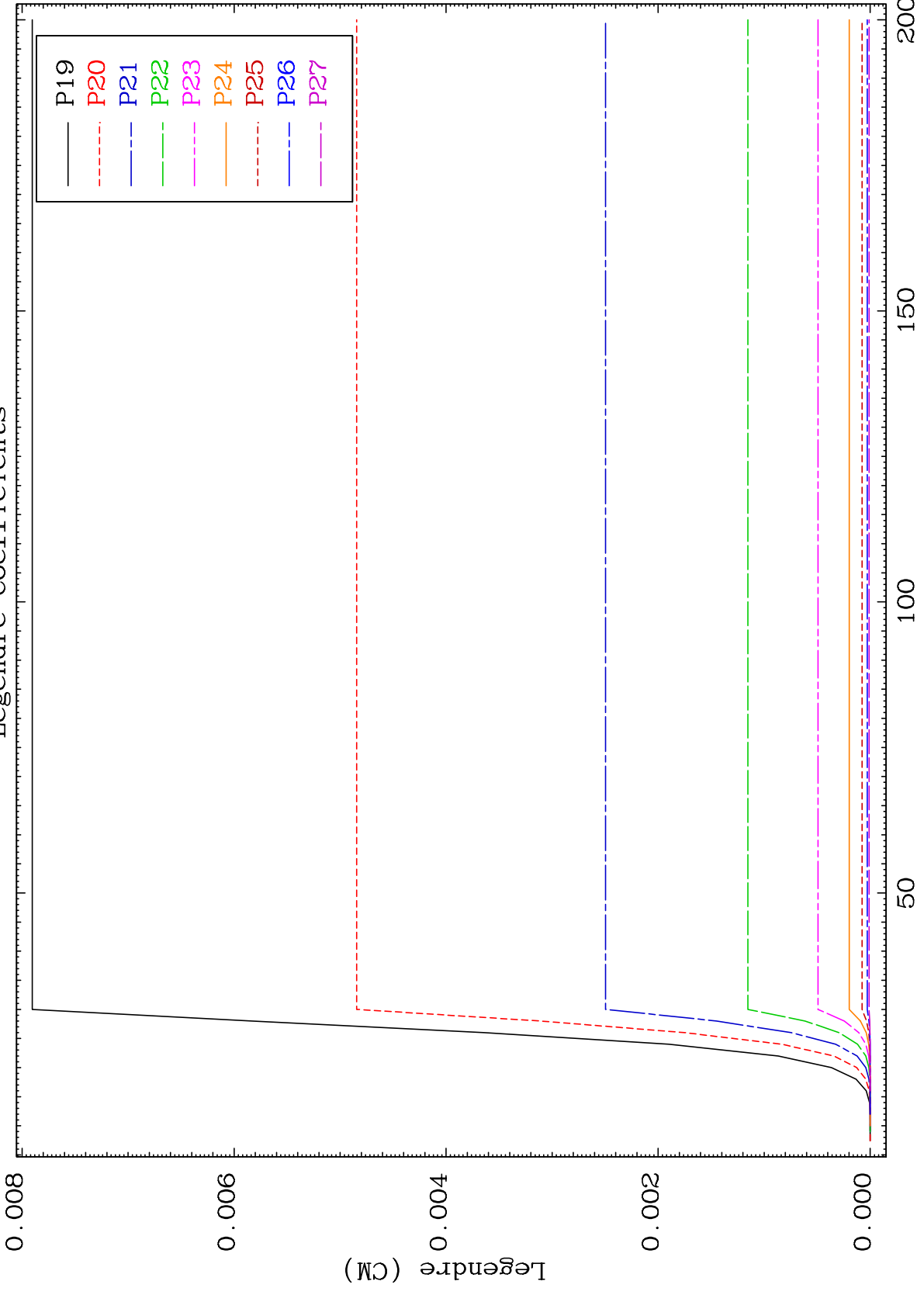


81

Incident Energy (MeV)

52-Te-133

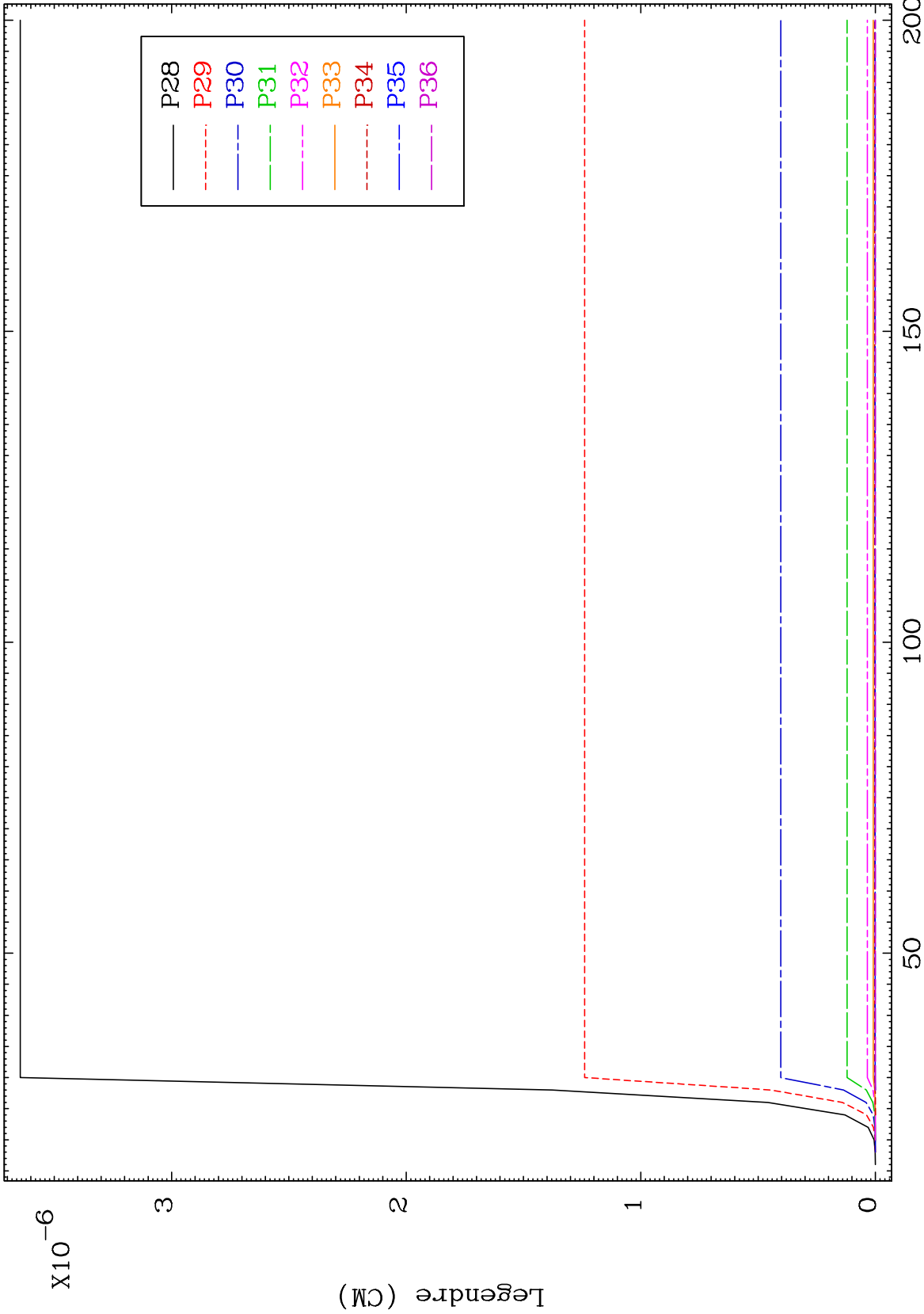
MAT 5264 MT= 66 (n,n') Level Legendre Coefficients 52-Te-133



MAT 5264

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

52-Te-133



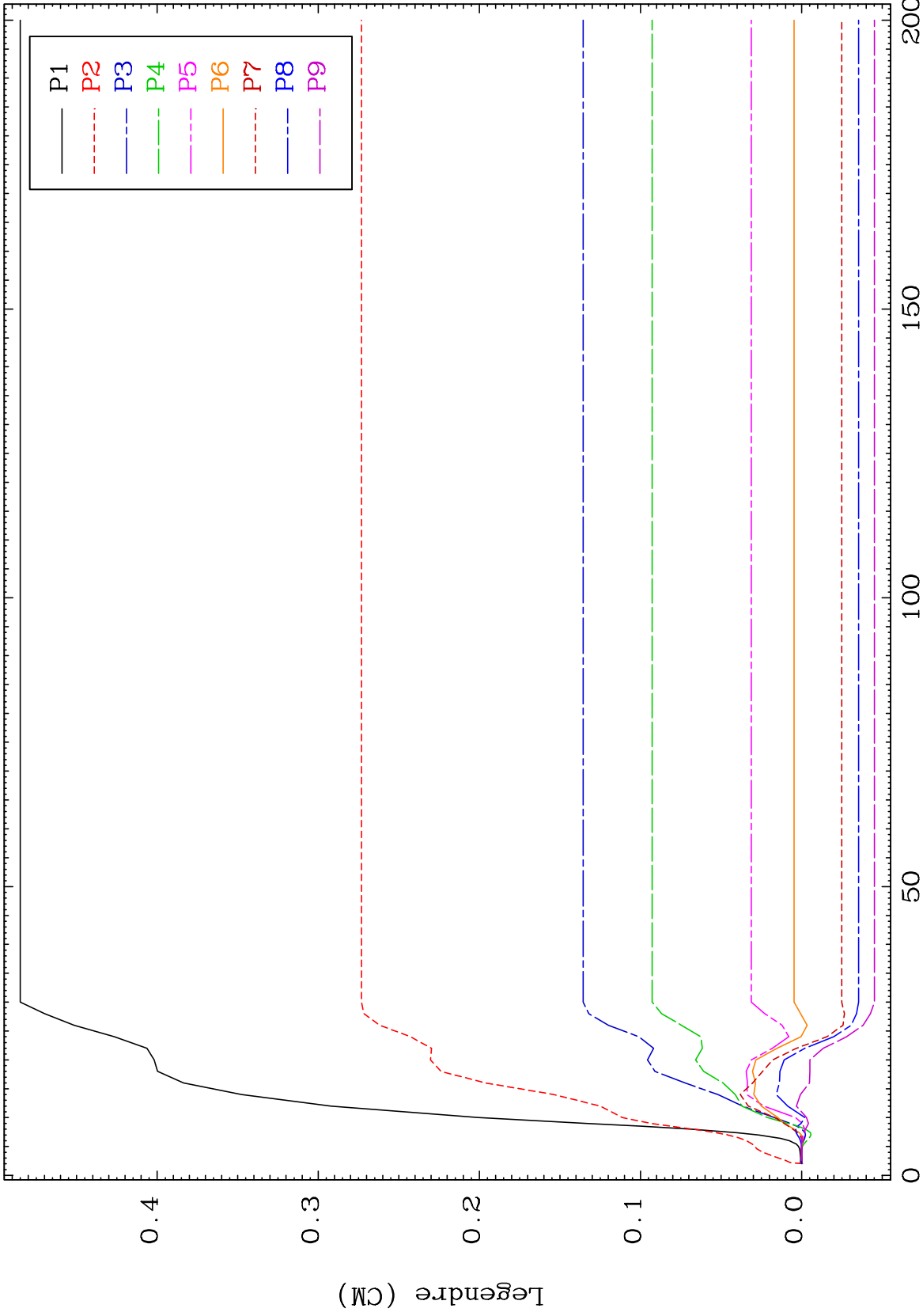
83

52-Te-133

MAT 5264

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

52-Te-133



84

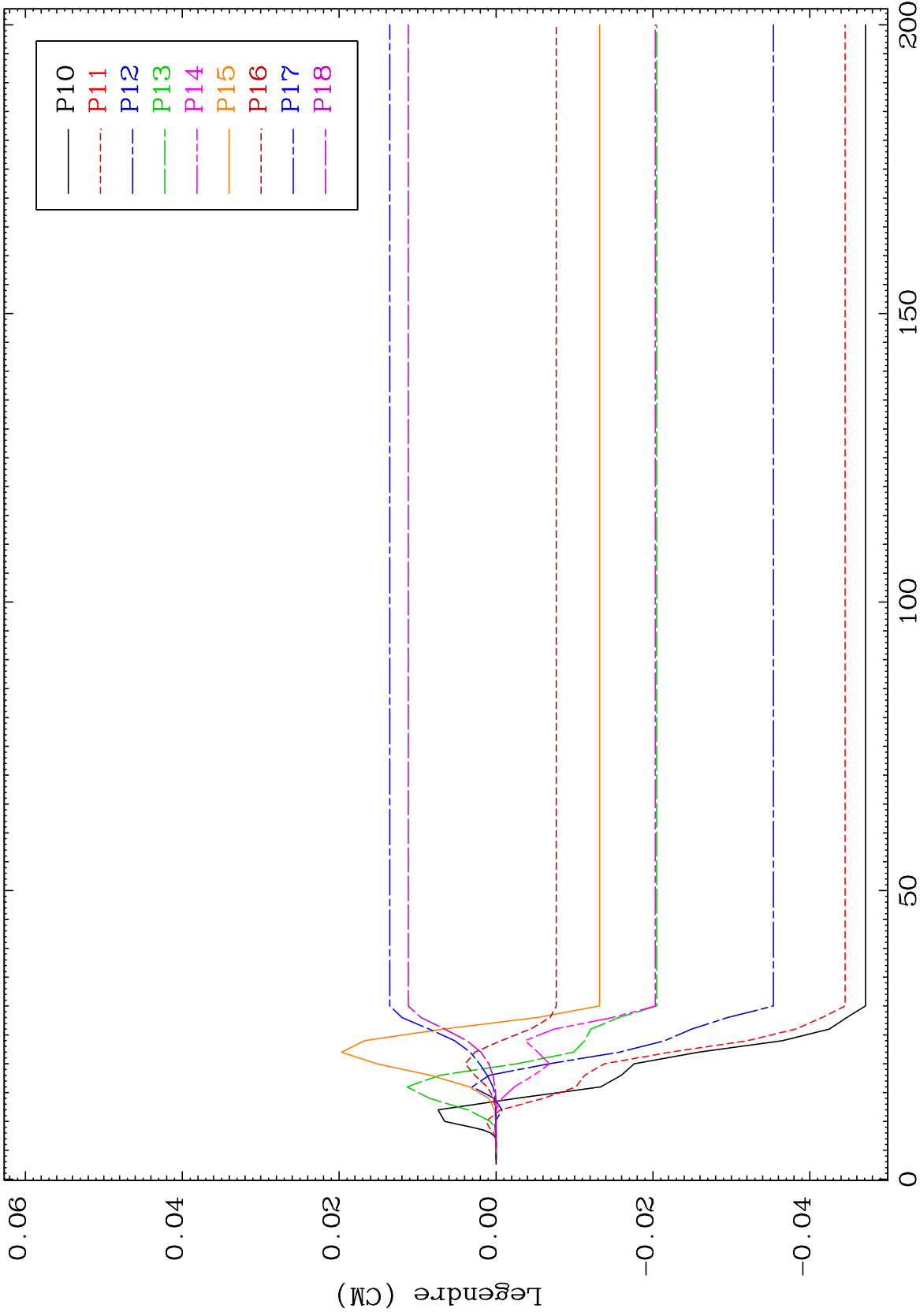
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



85

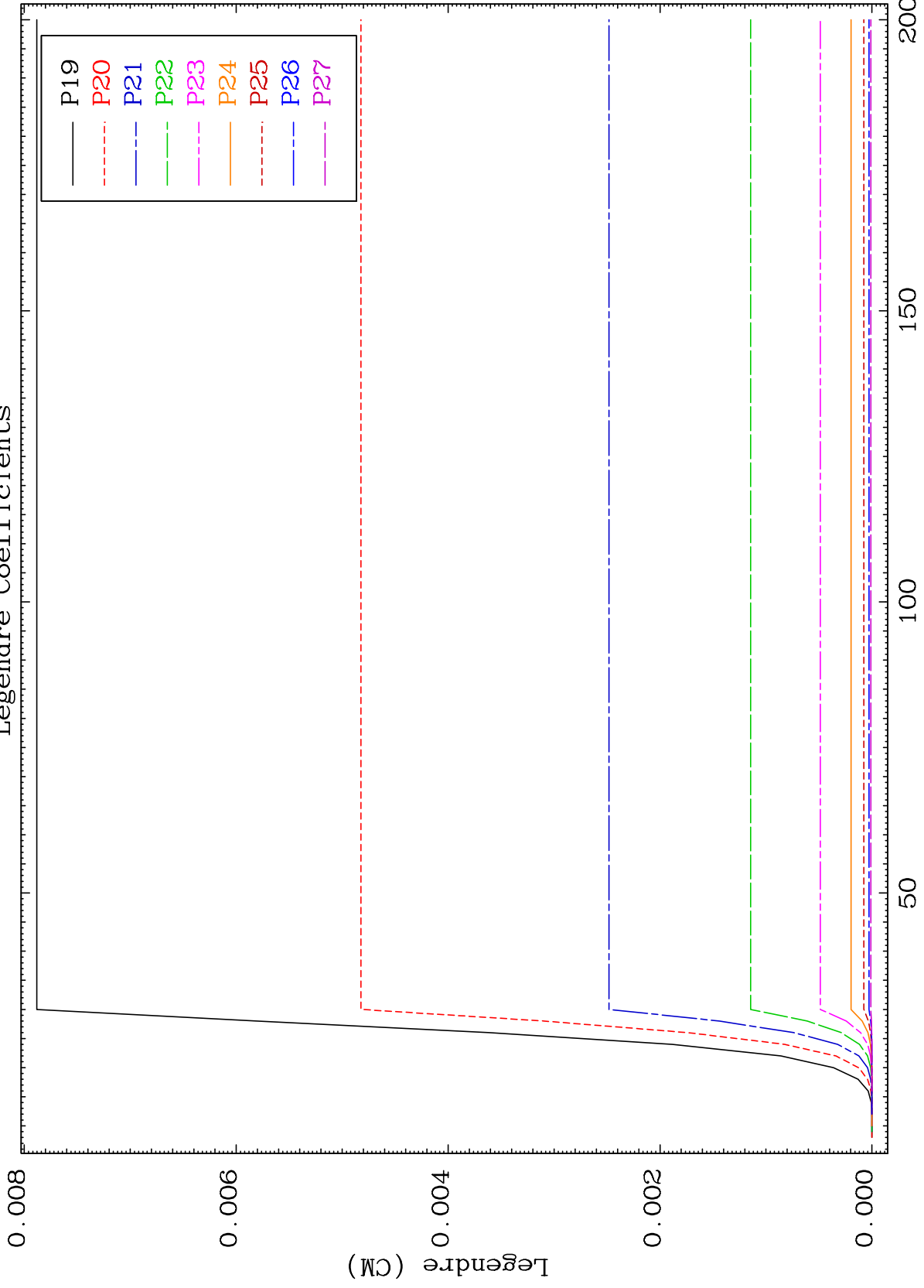
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



86

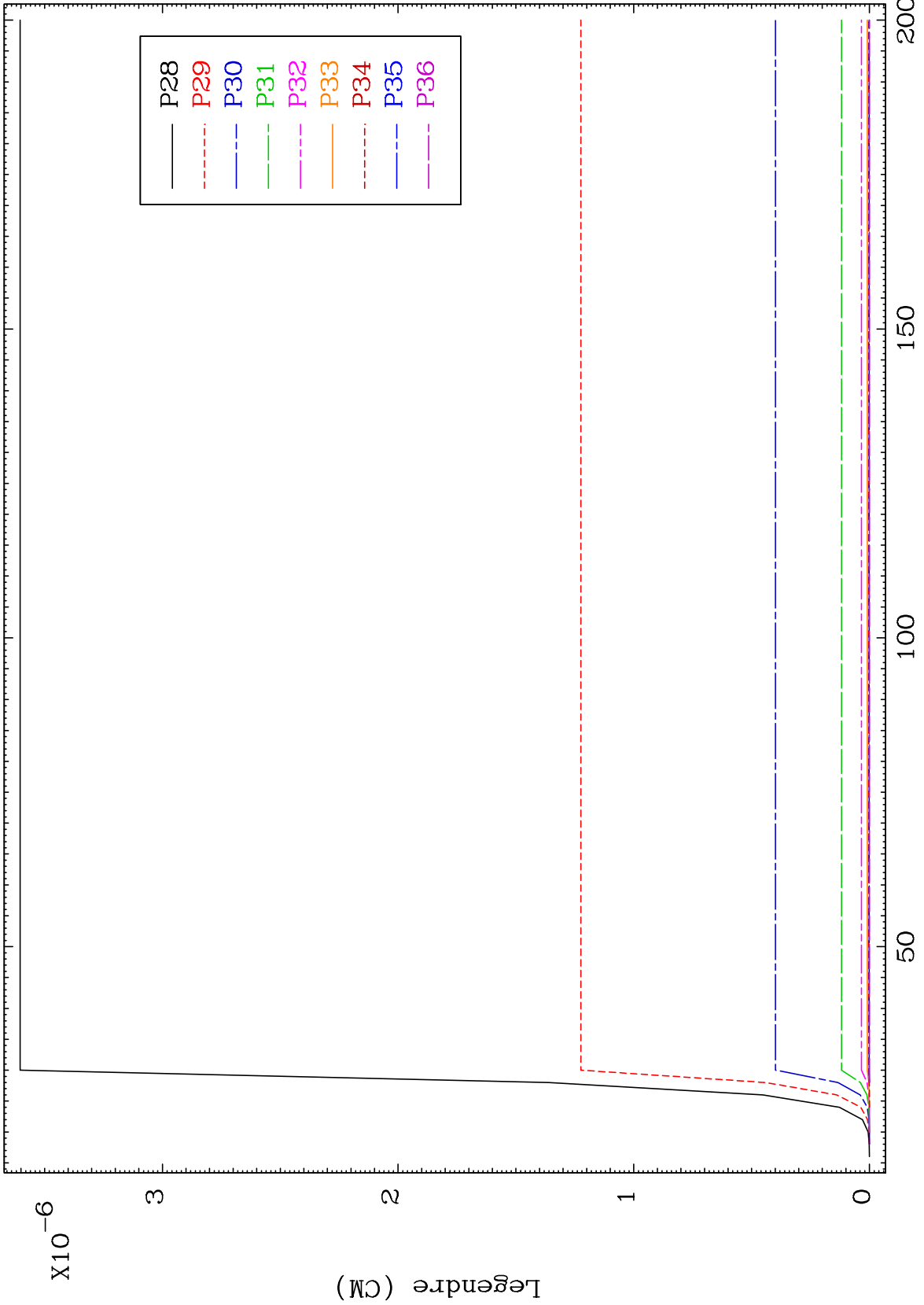
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



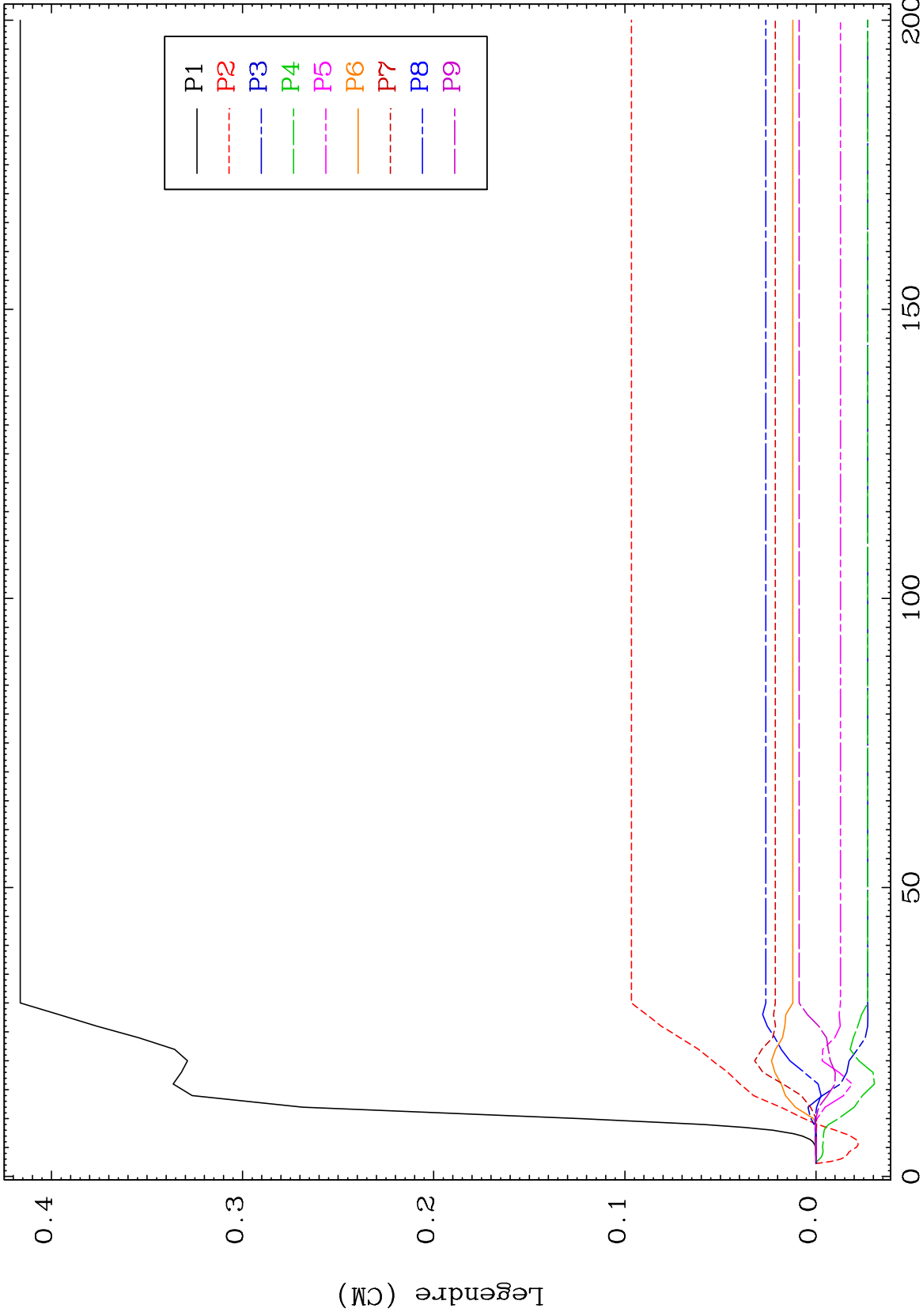
87

52-Te-133

MAT 5264

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

52-Te-133



88

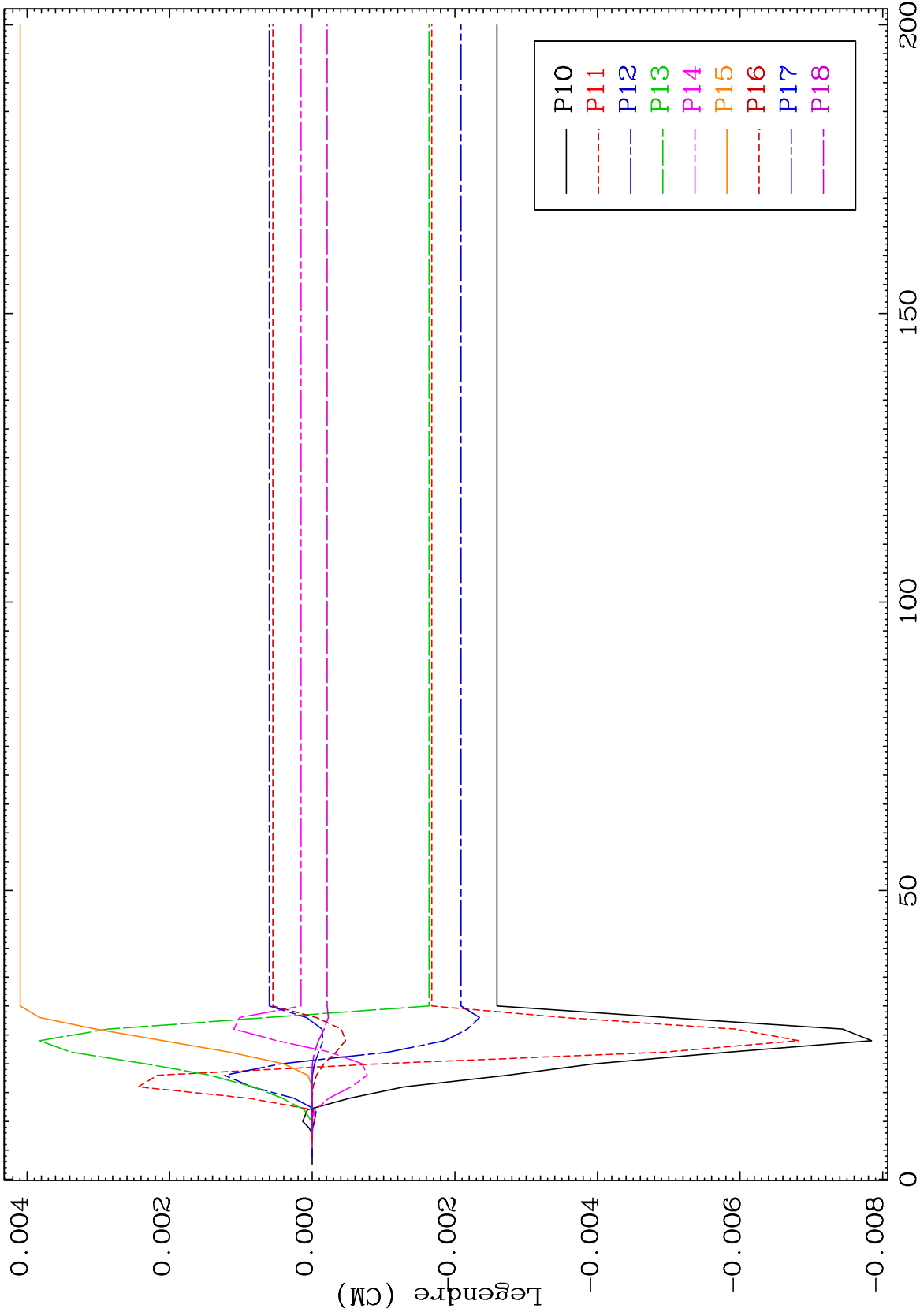
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



89

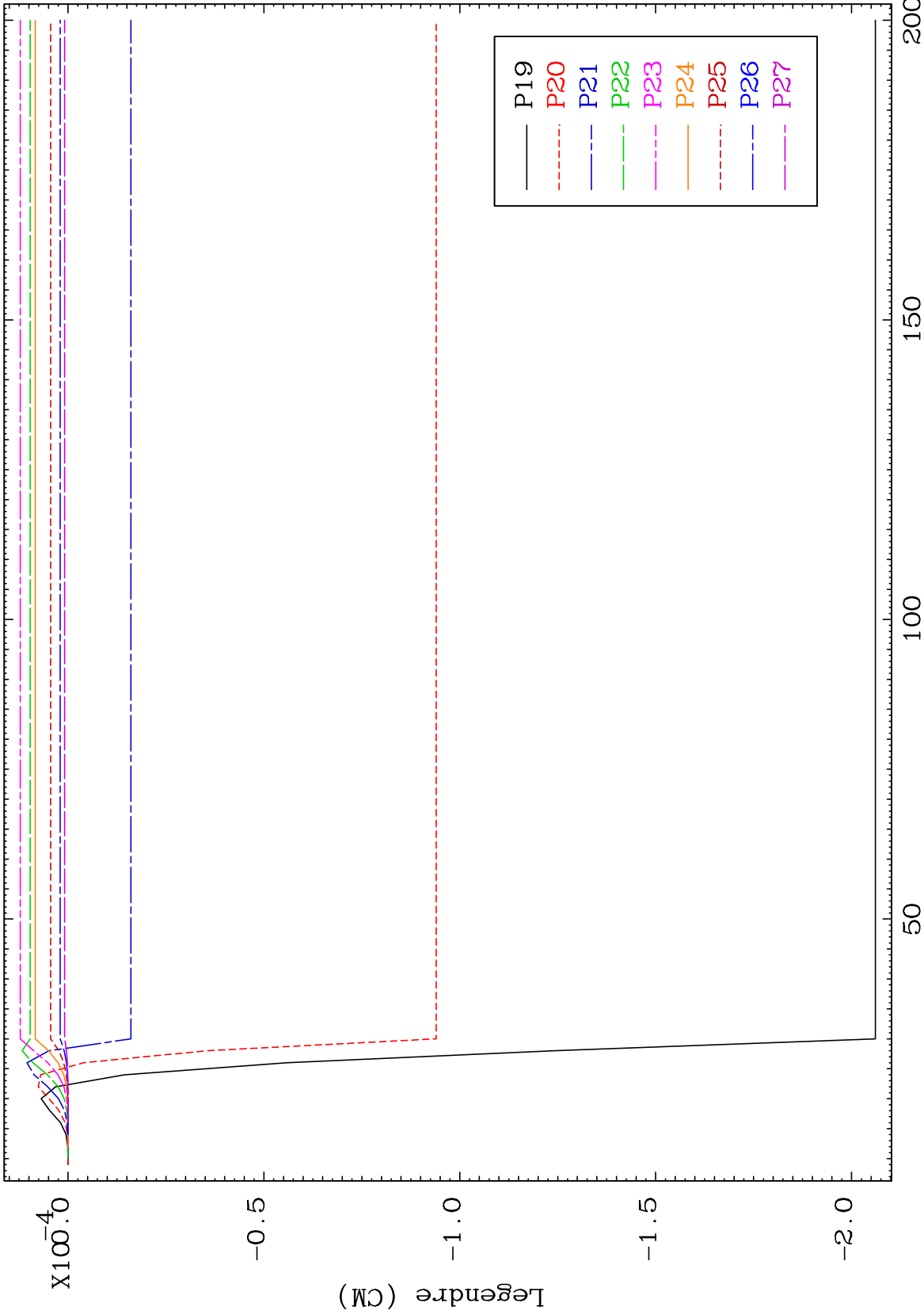
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



52-Te-133

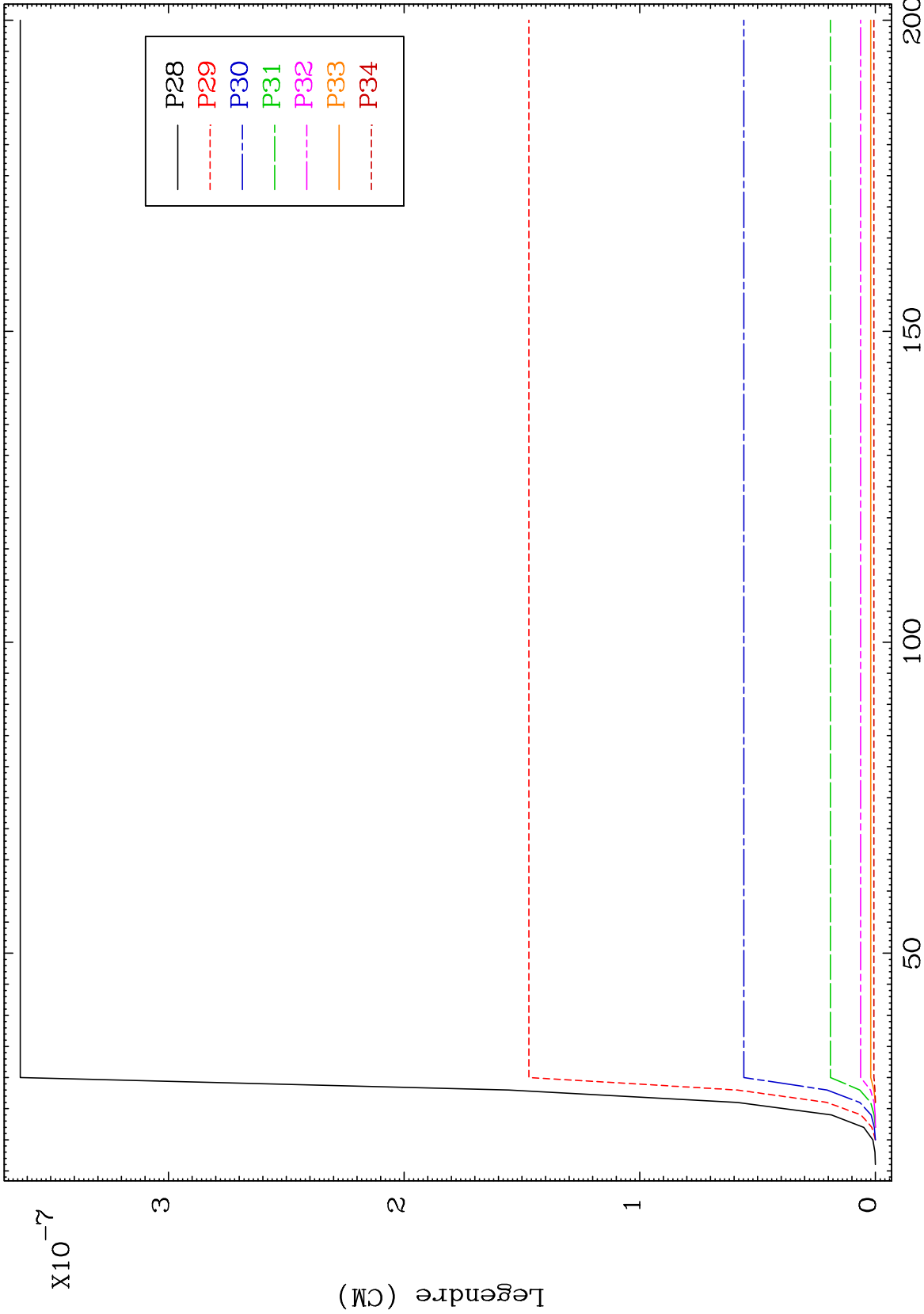
Incident Energy (MeV)

90

MAT 5264

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

52-Te-133



91

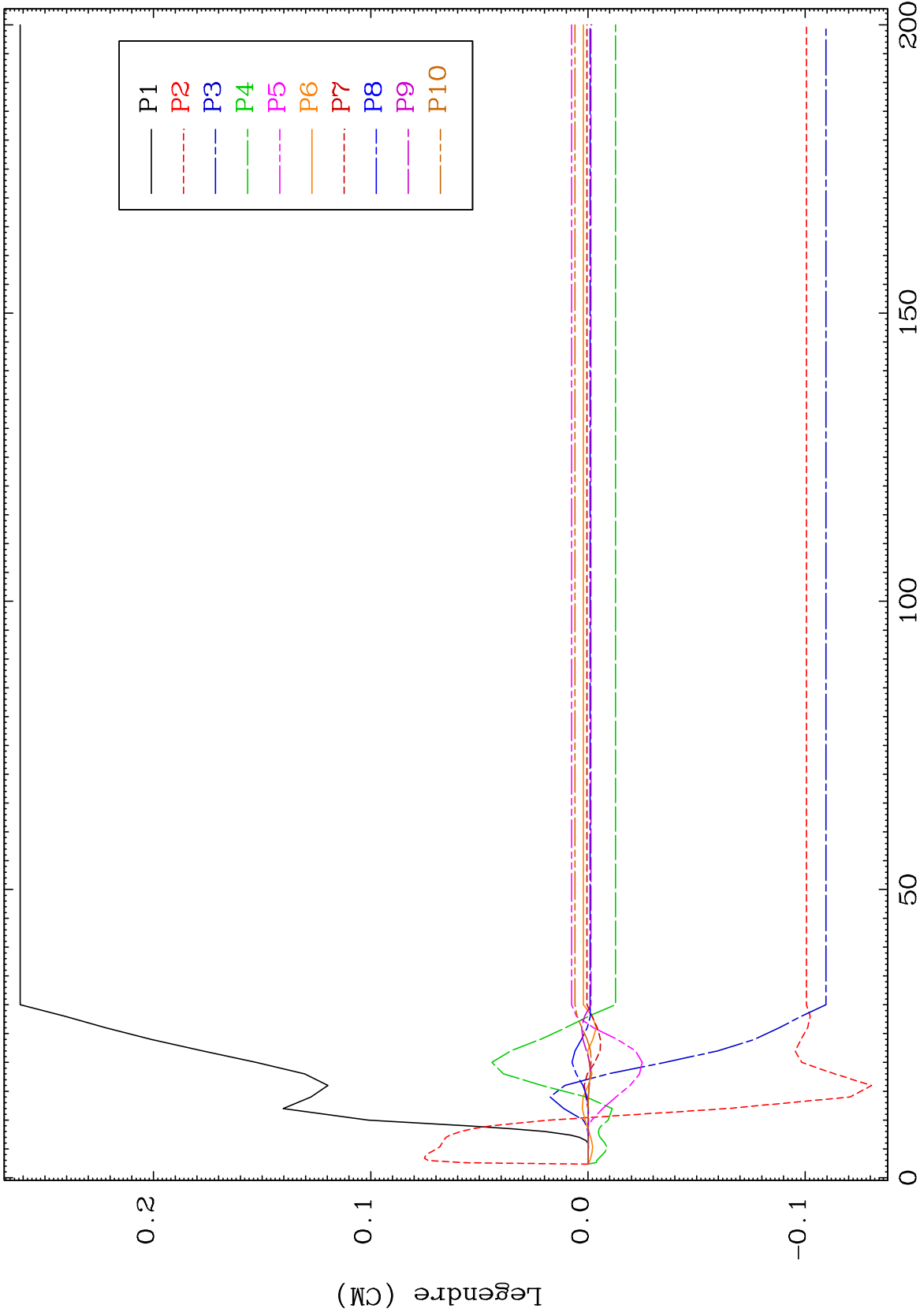
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



92

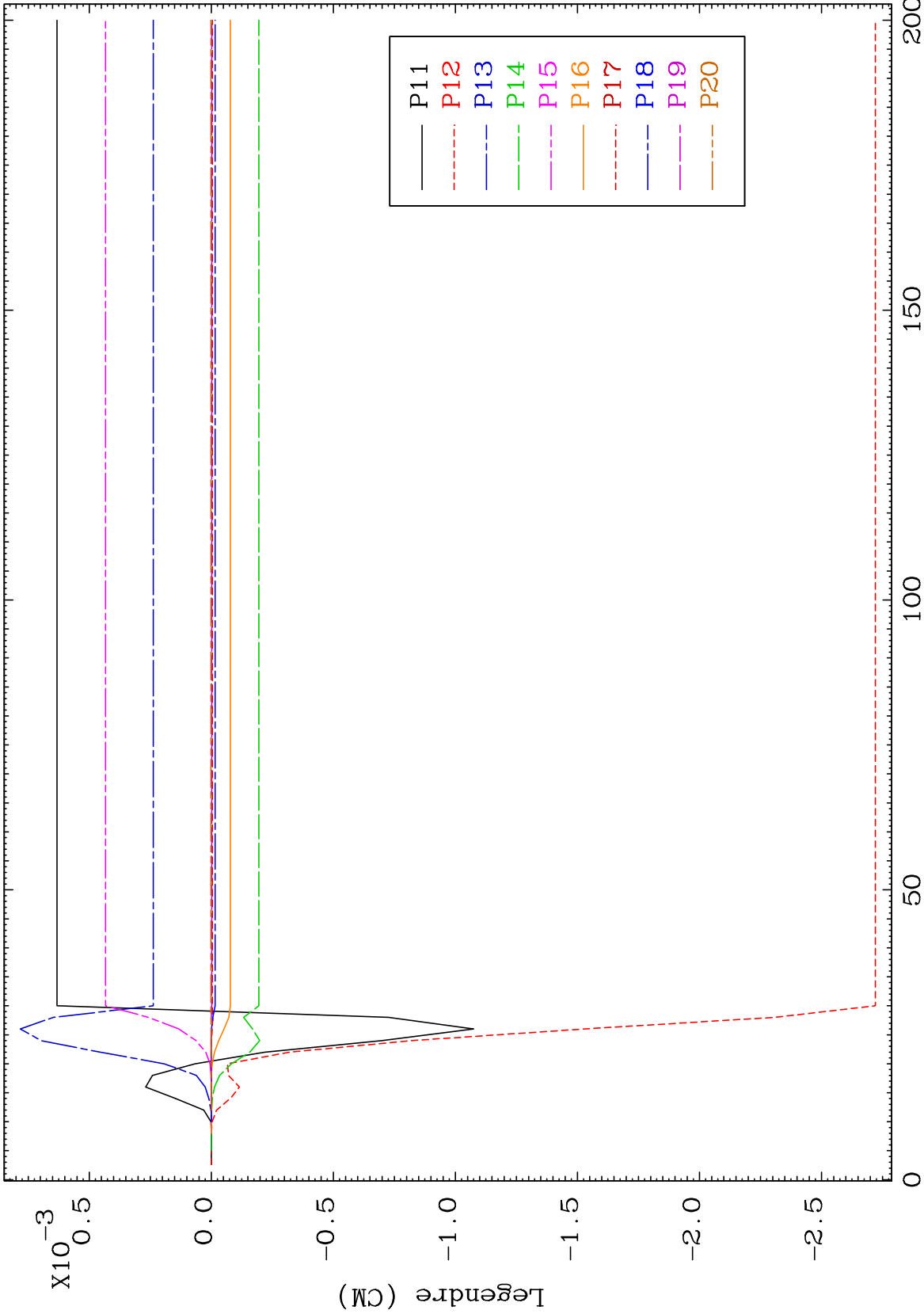
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



93

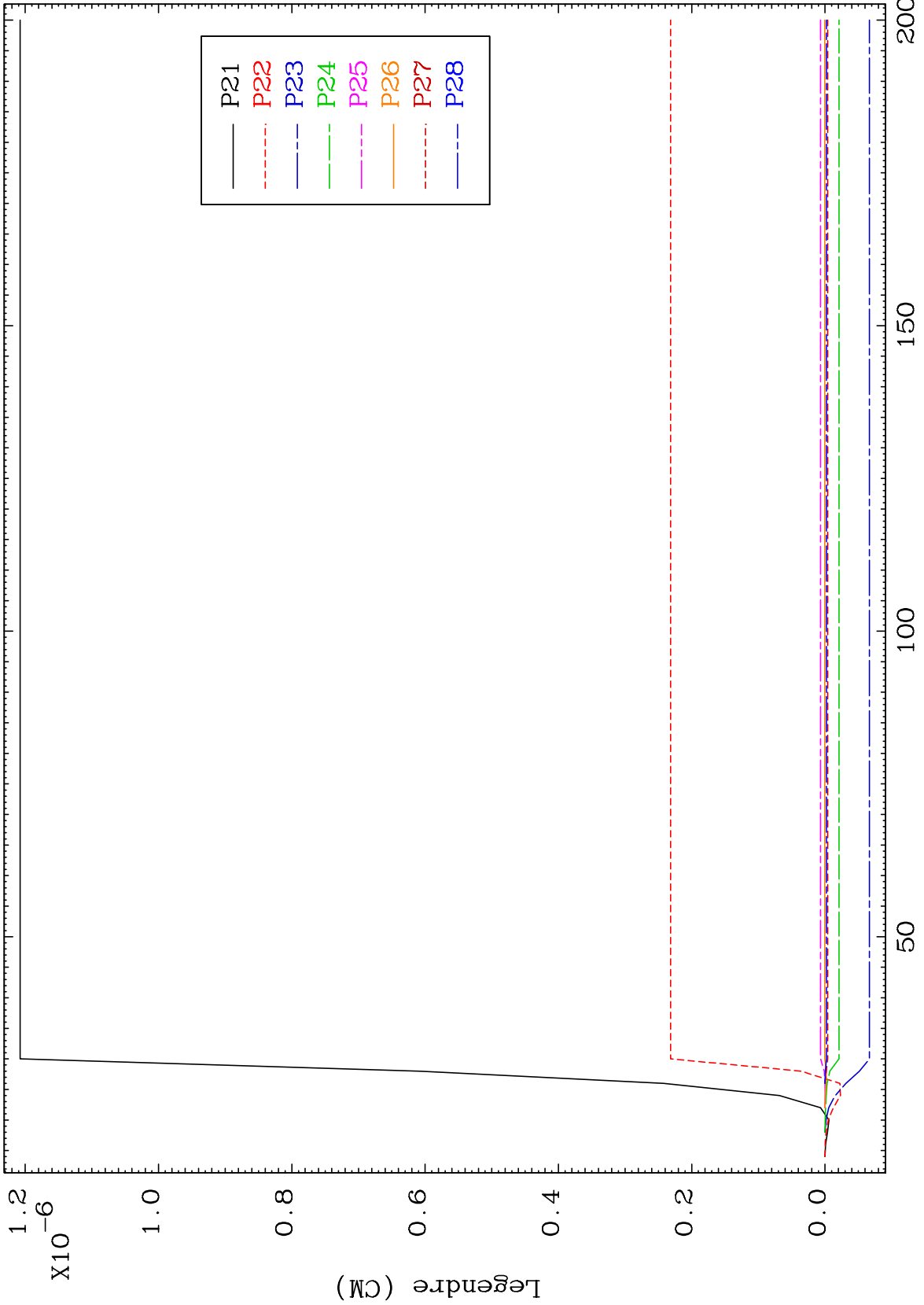
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



94

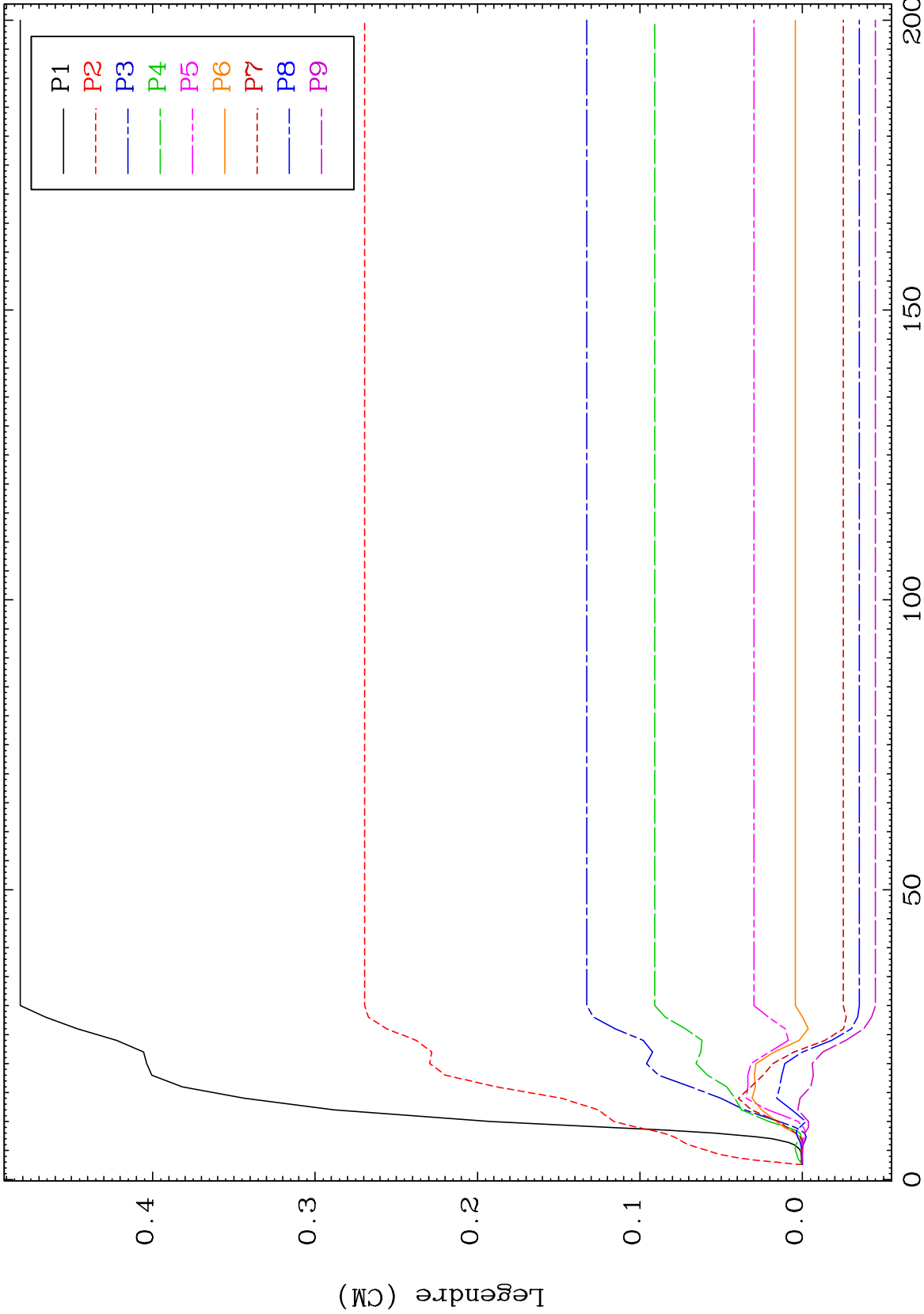
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



95

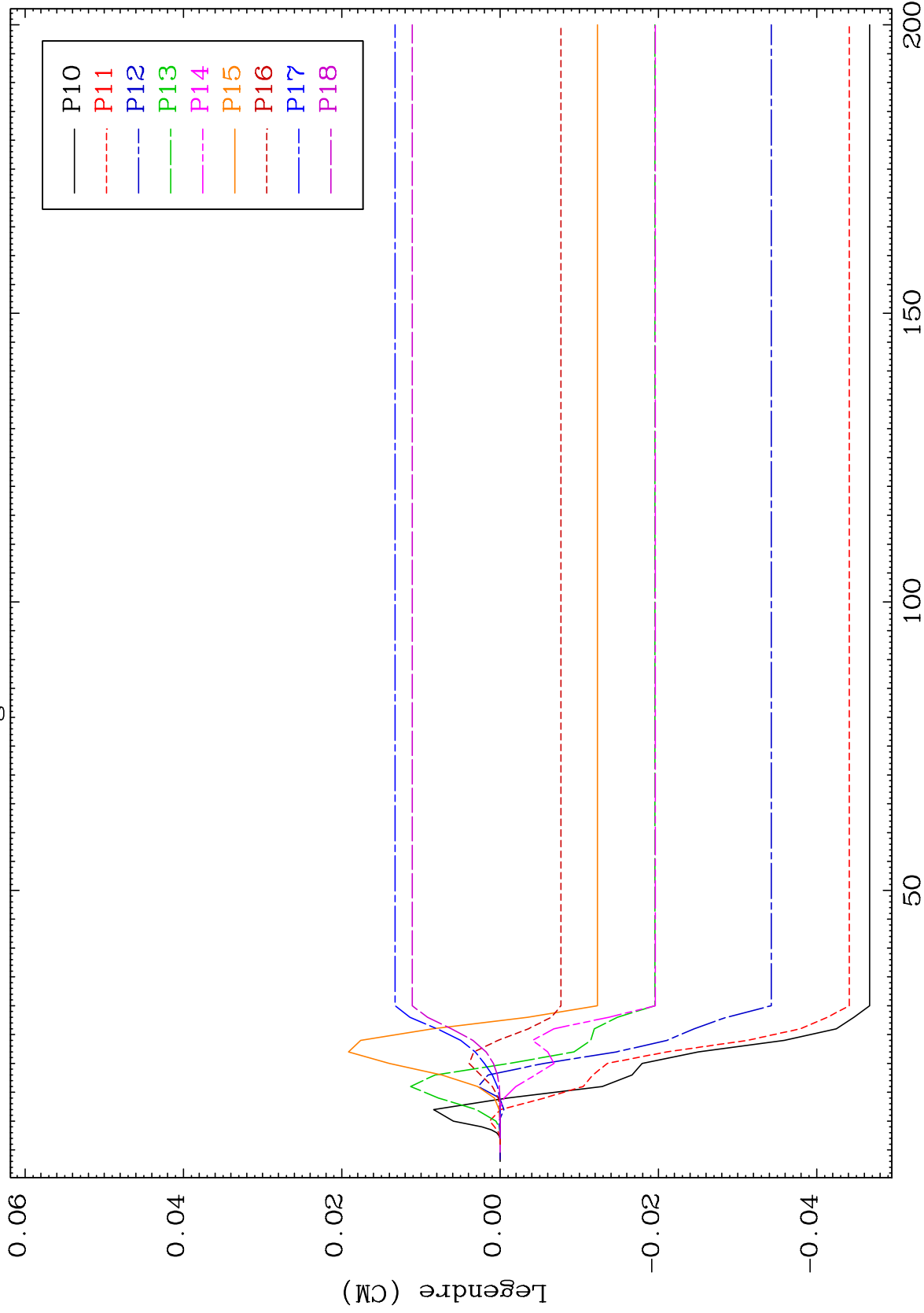
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



96

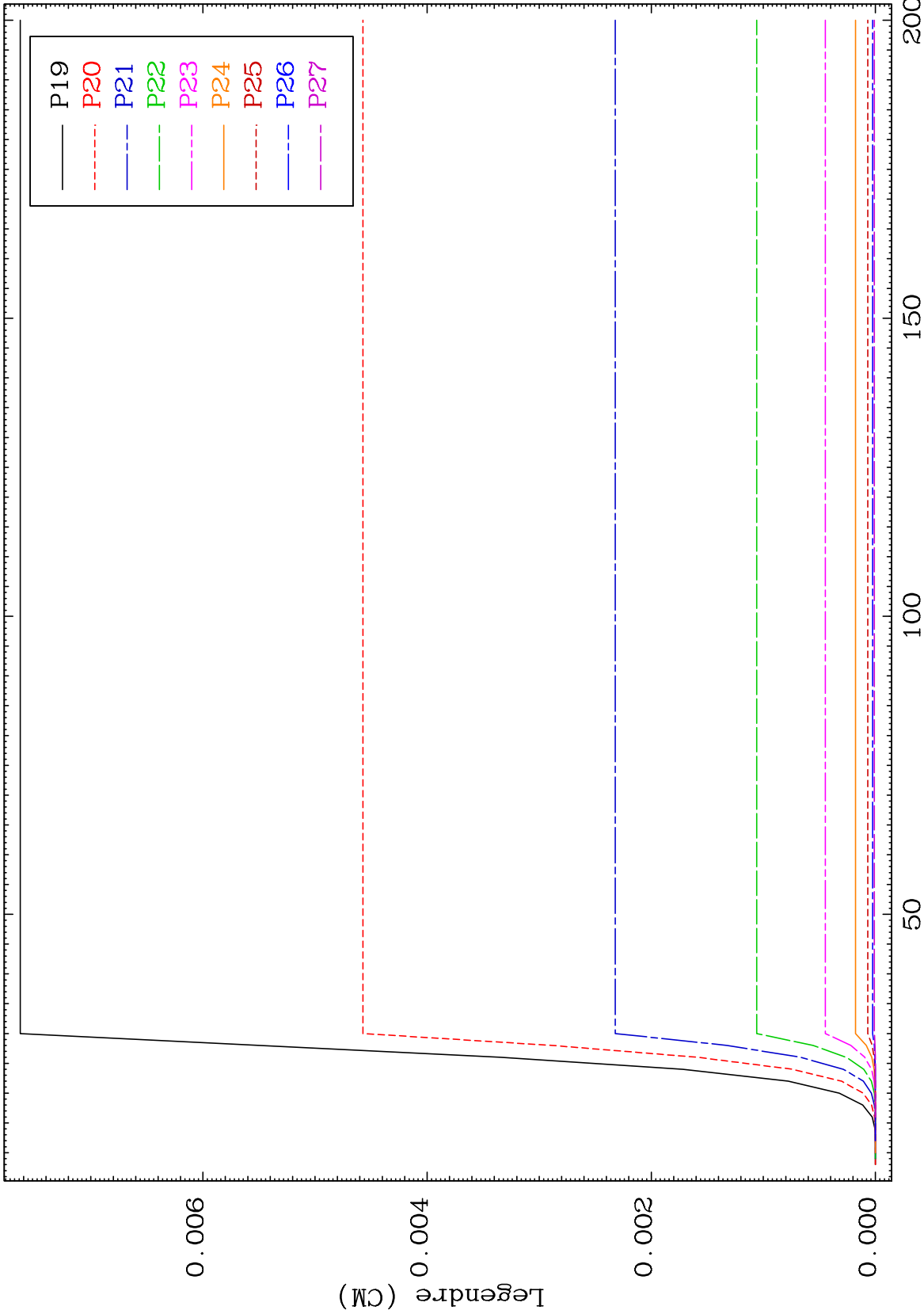
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



97

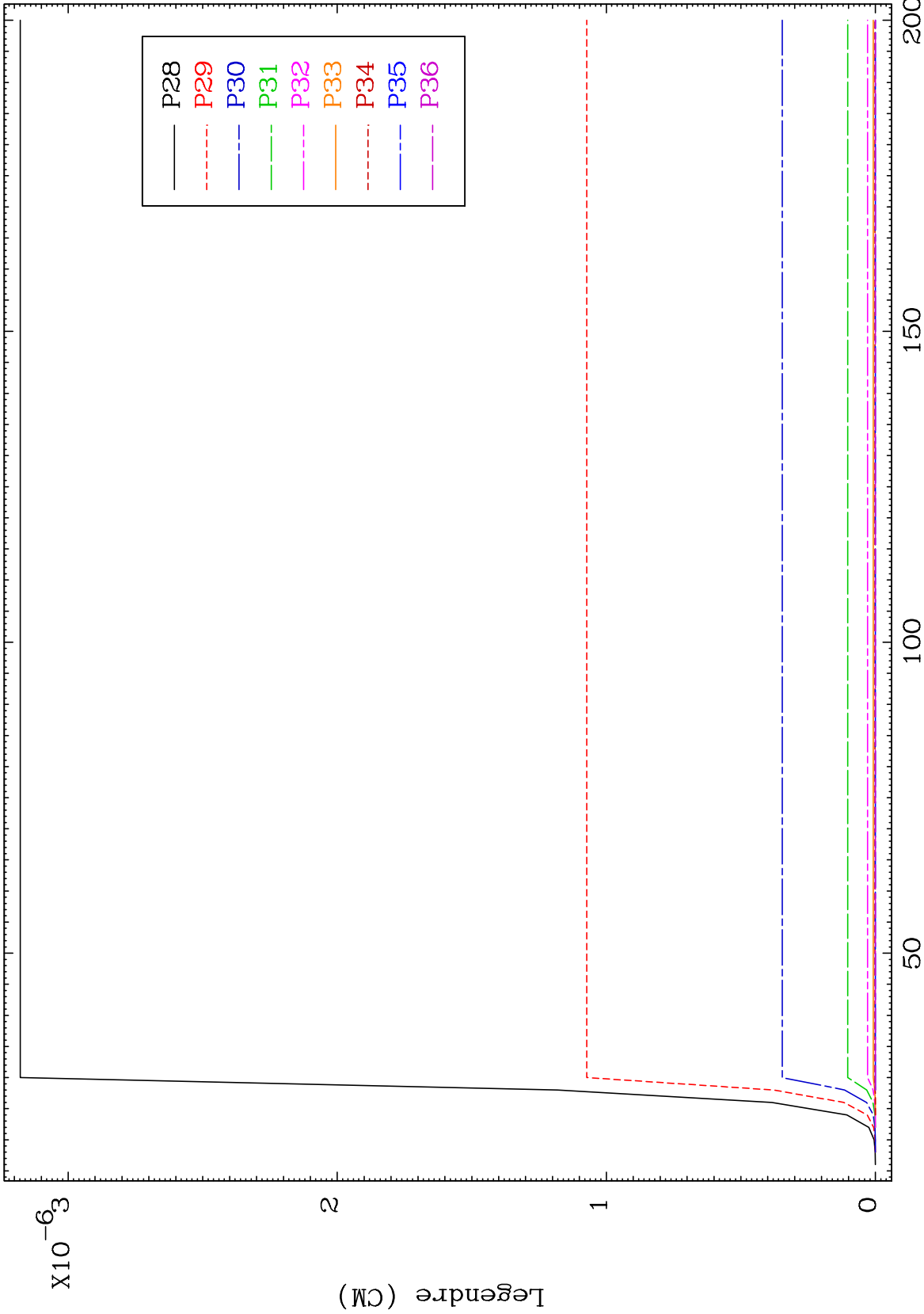
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



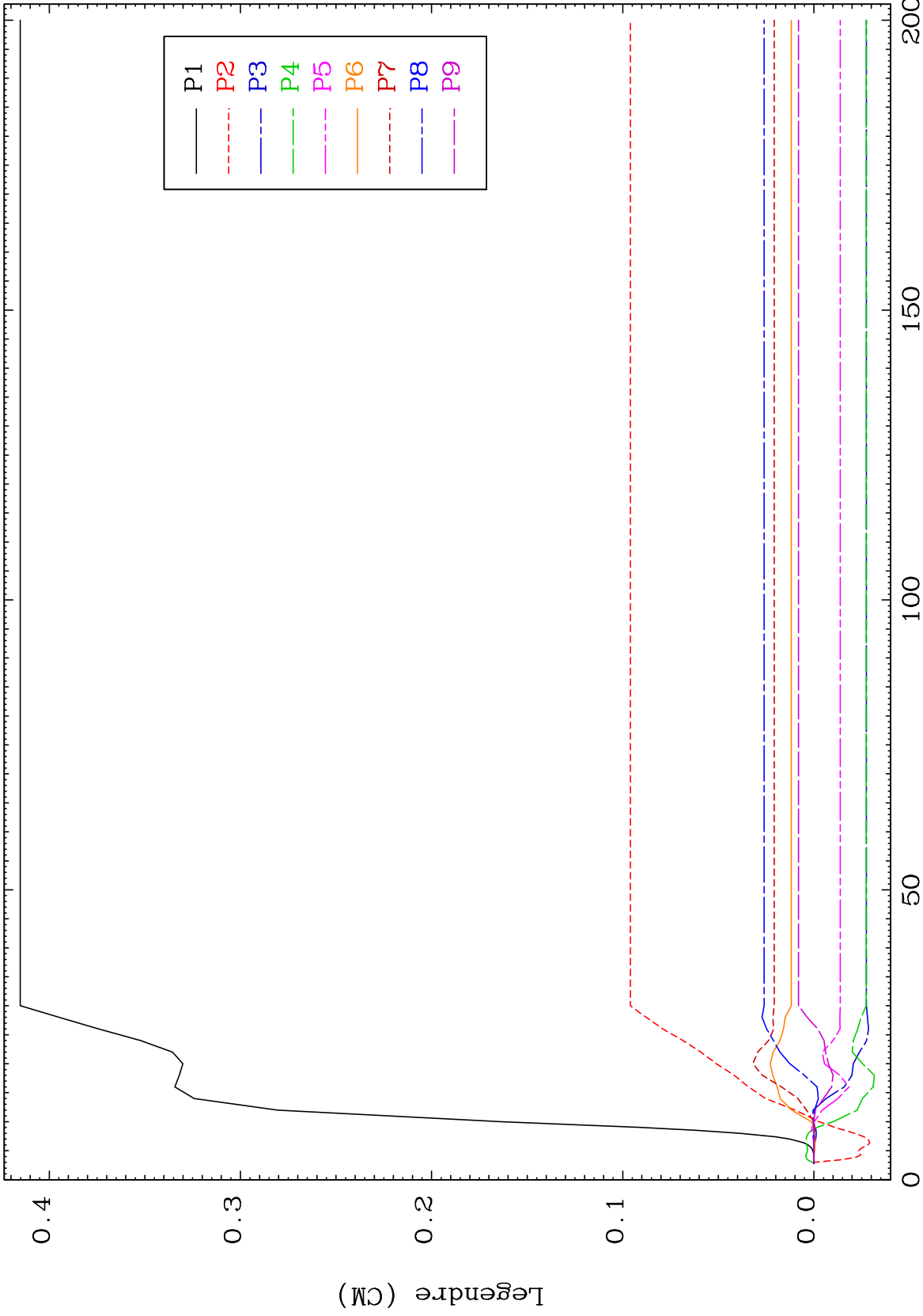
98

52-Te-133

MAT 5264

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

52-Te-133



99

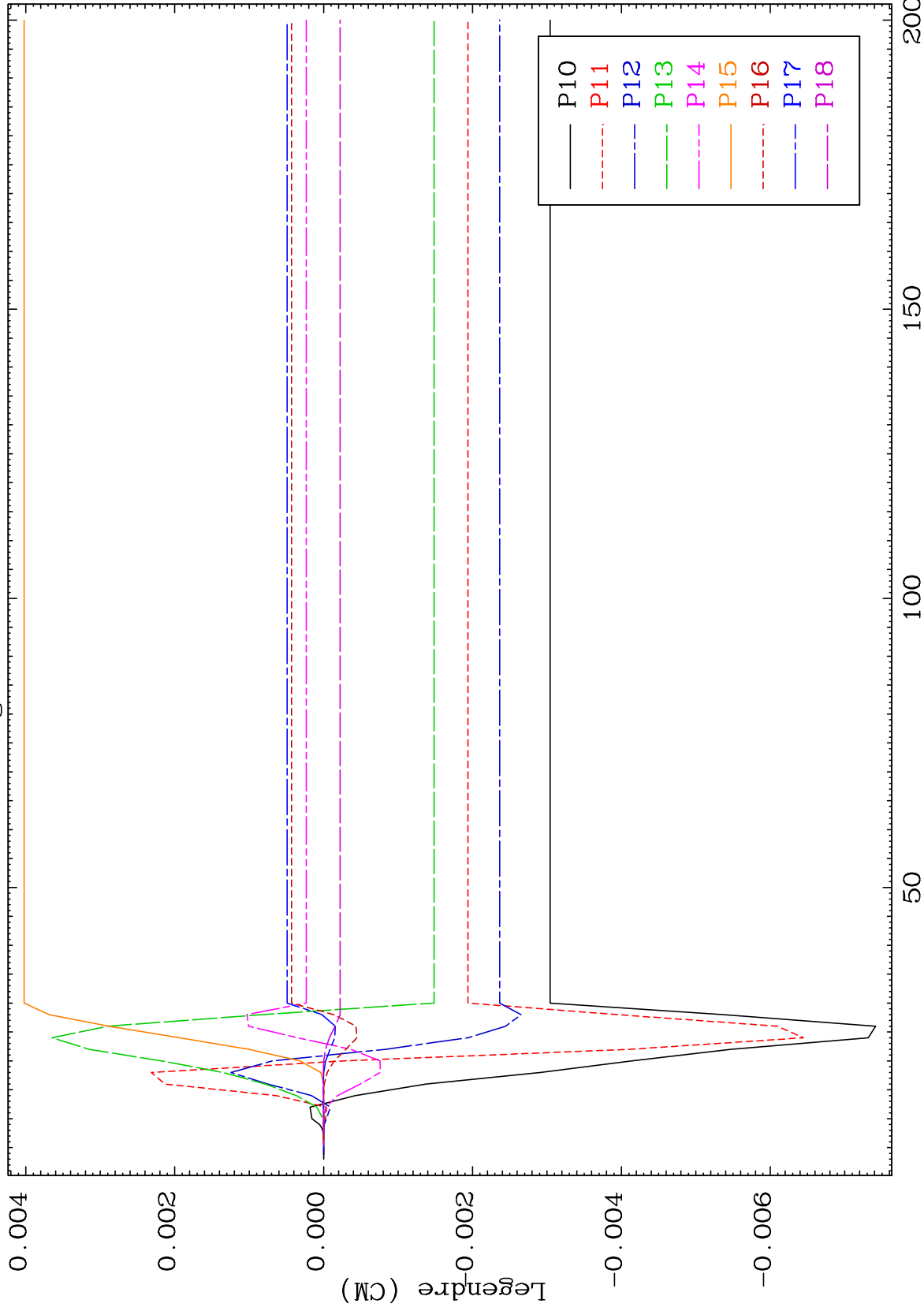
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

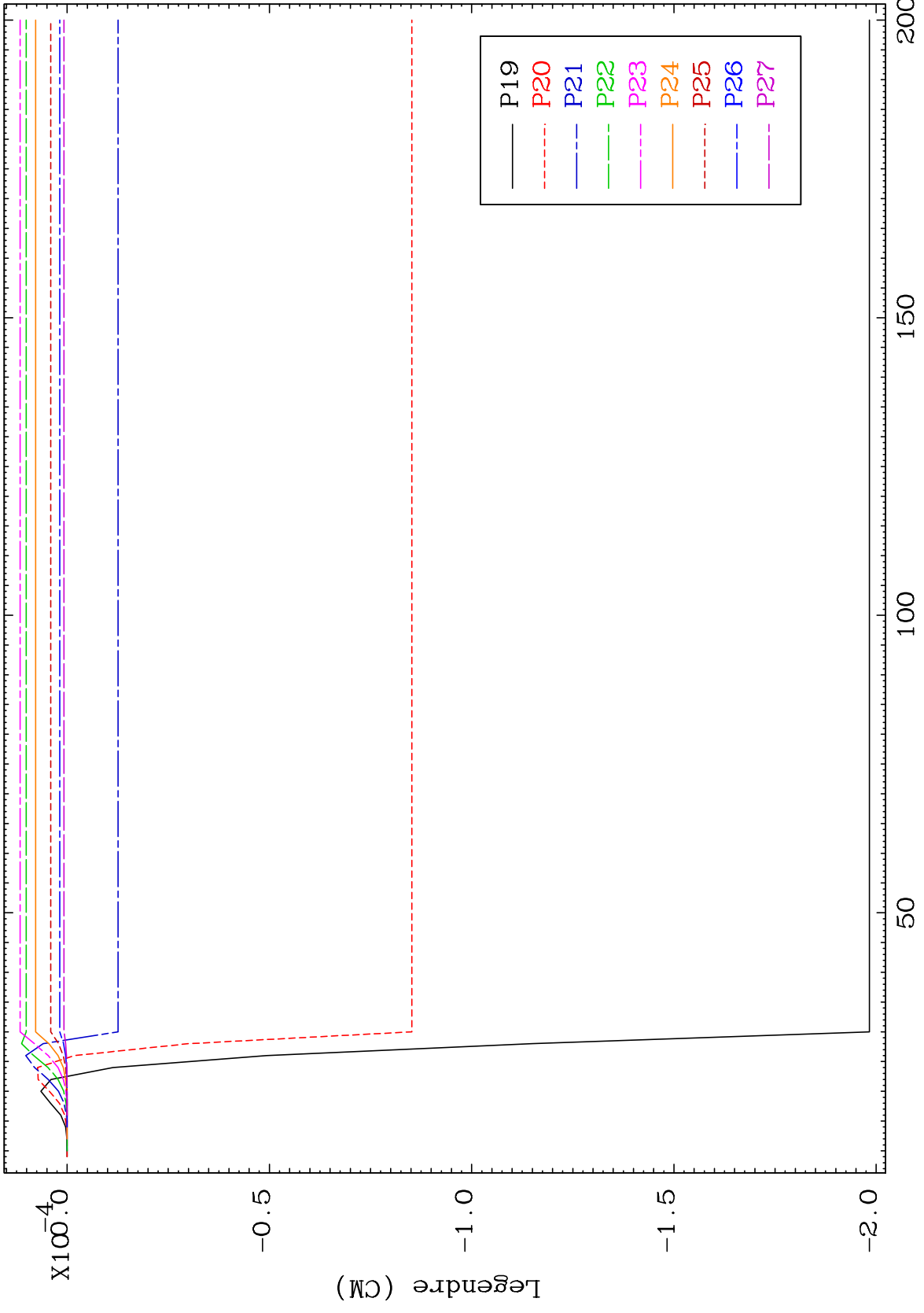


52-Te-133

Incident Energy (MeV)

100

MAT 5264 MT= 71 (n,n') Level Legendre Coefficients 52-Te-133

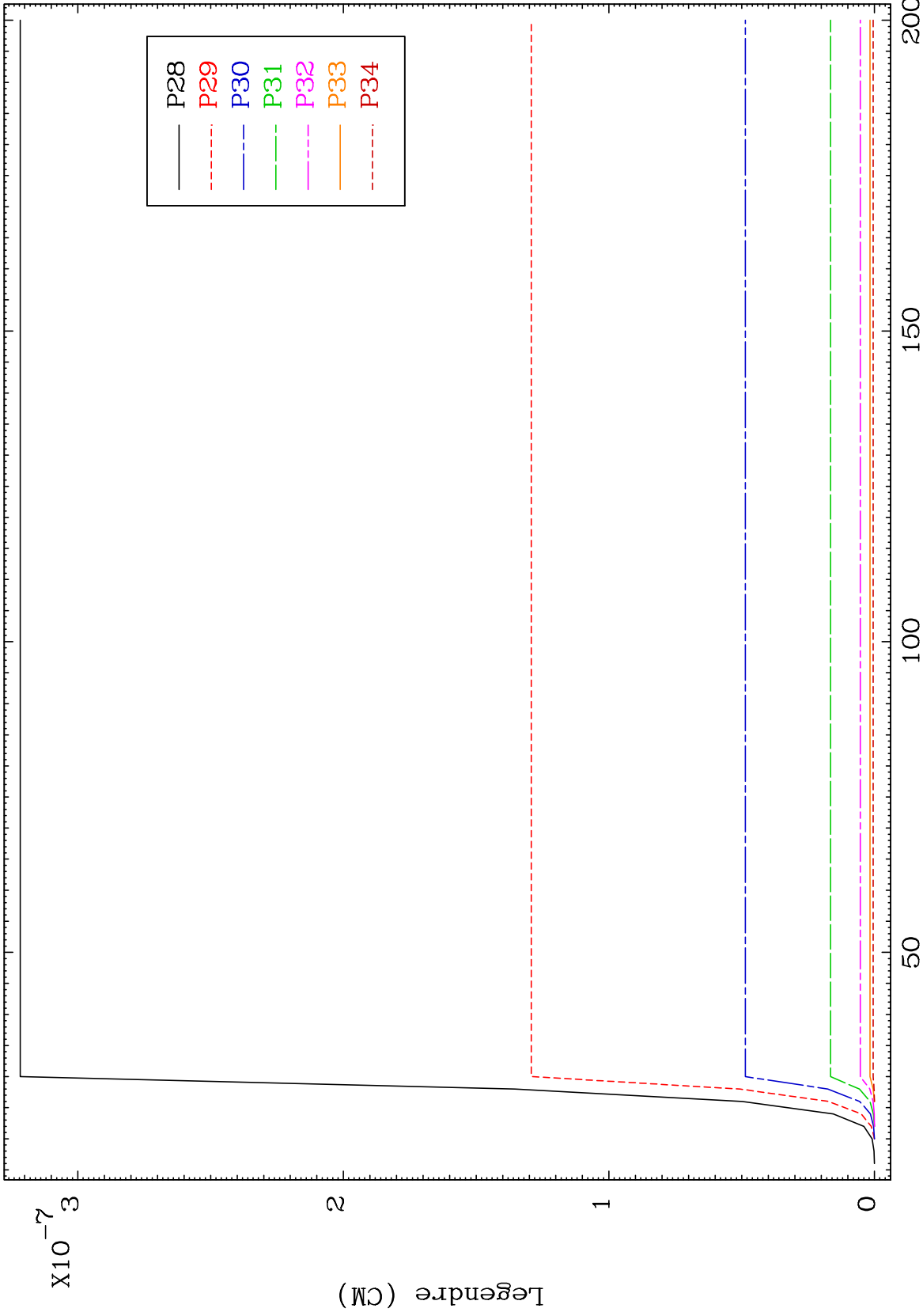


101 52-Te-133

MAT 5264

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

52-Te-133



102

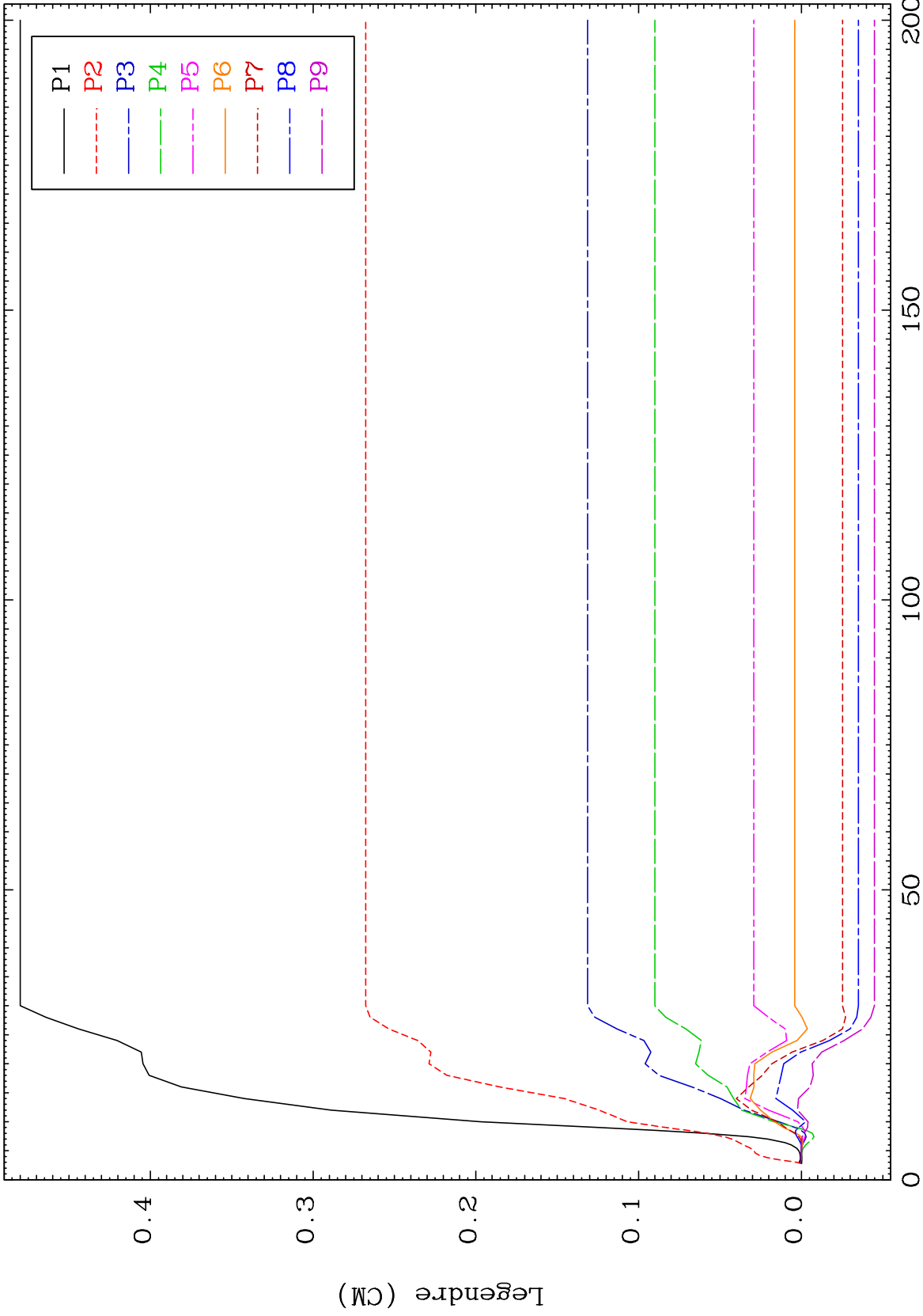
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



103

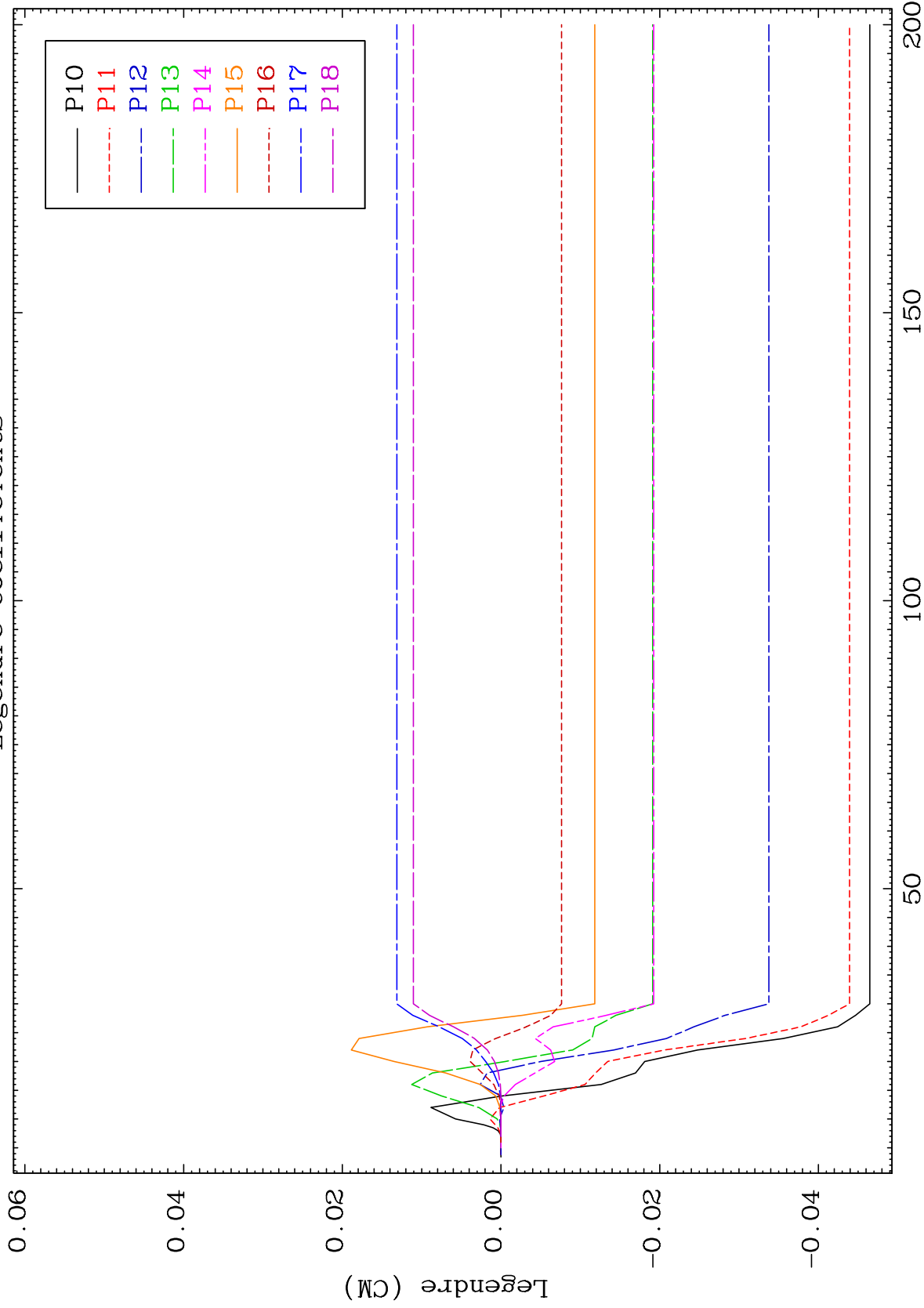
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



104

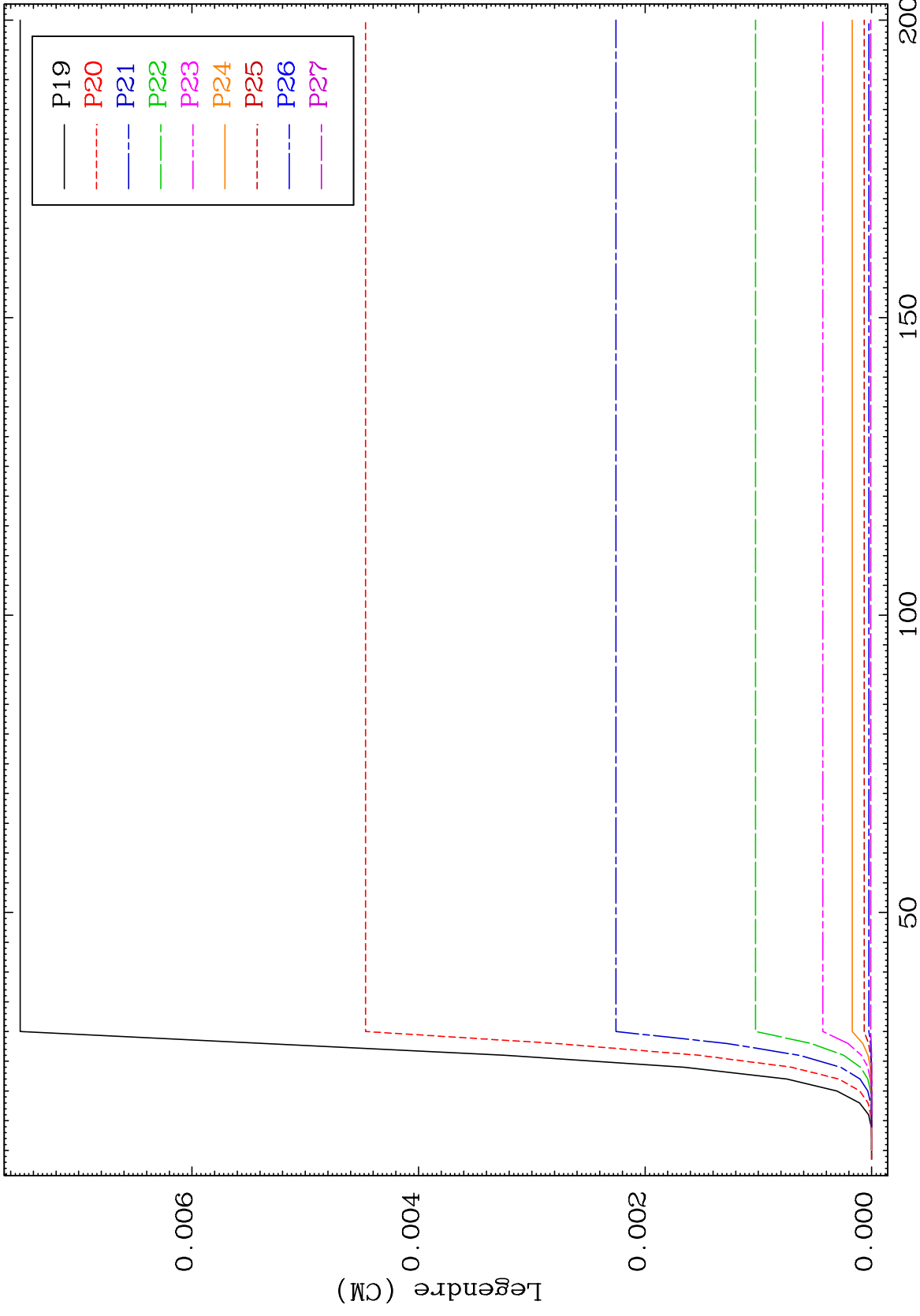
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



105

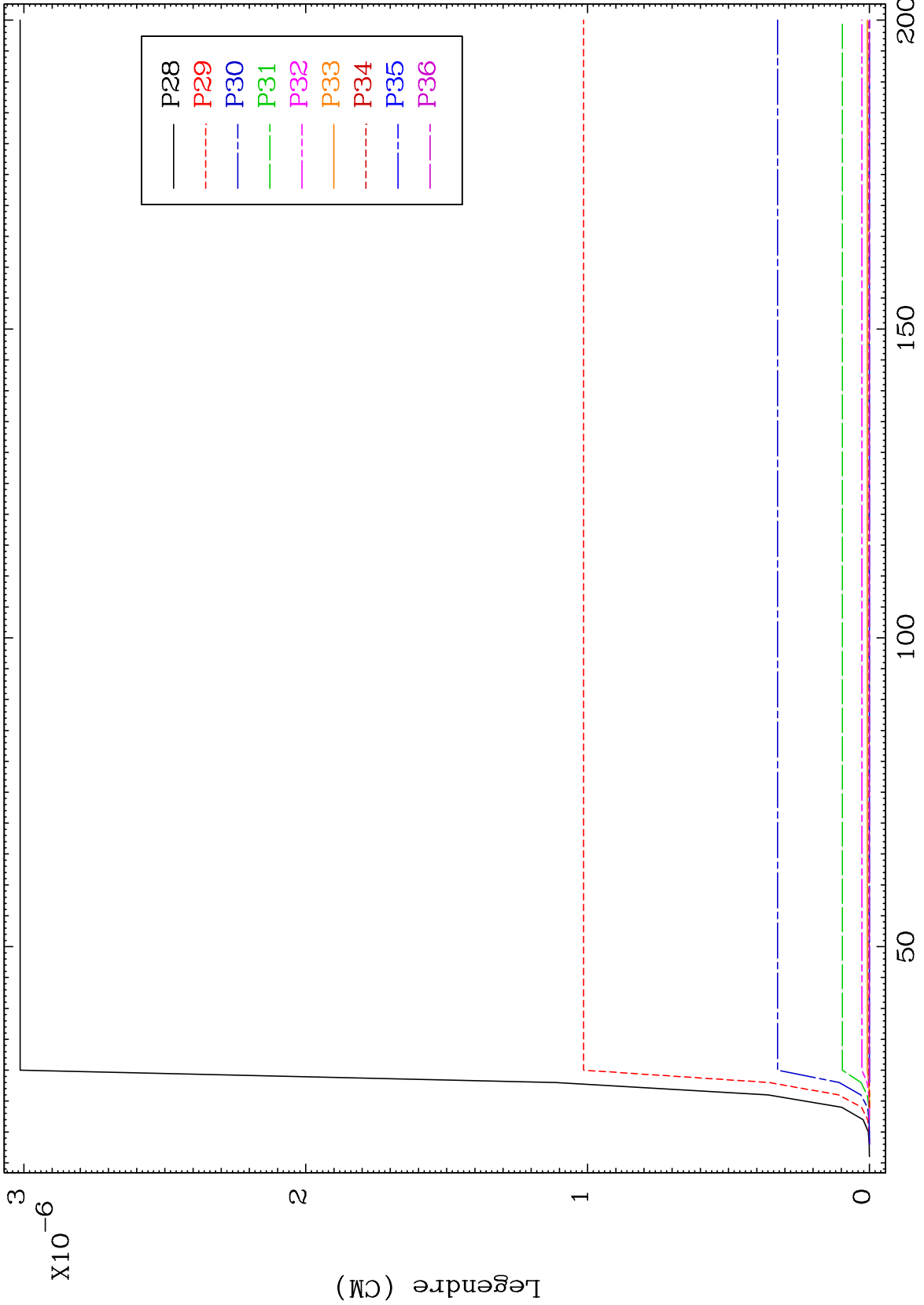
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



106

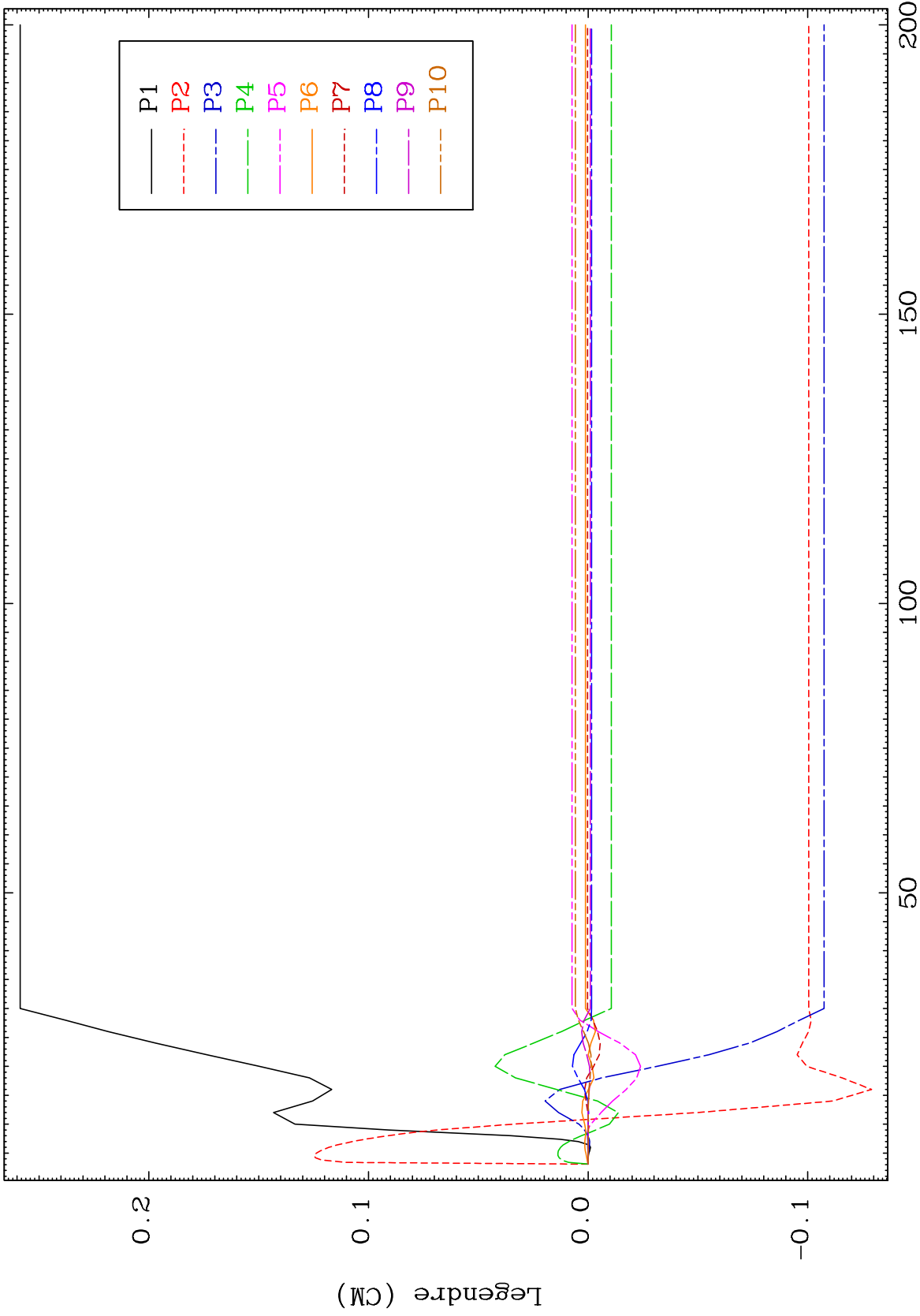
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



107

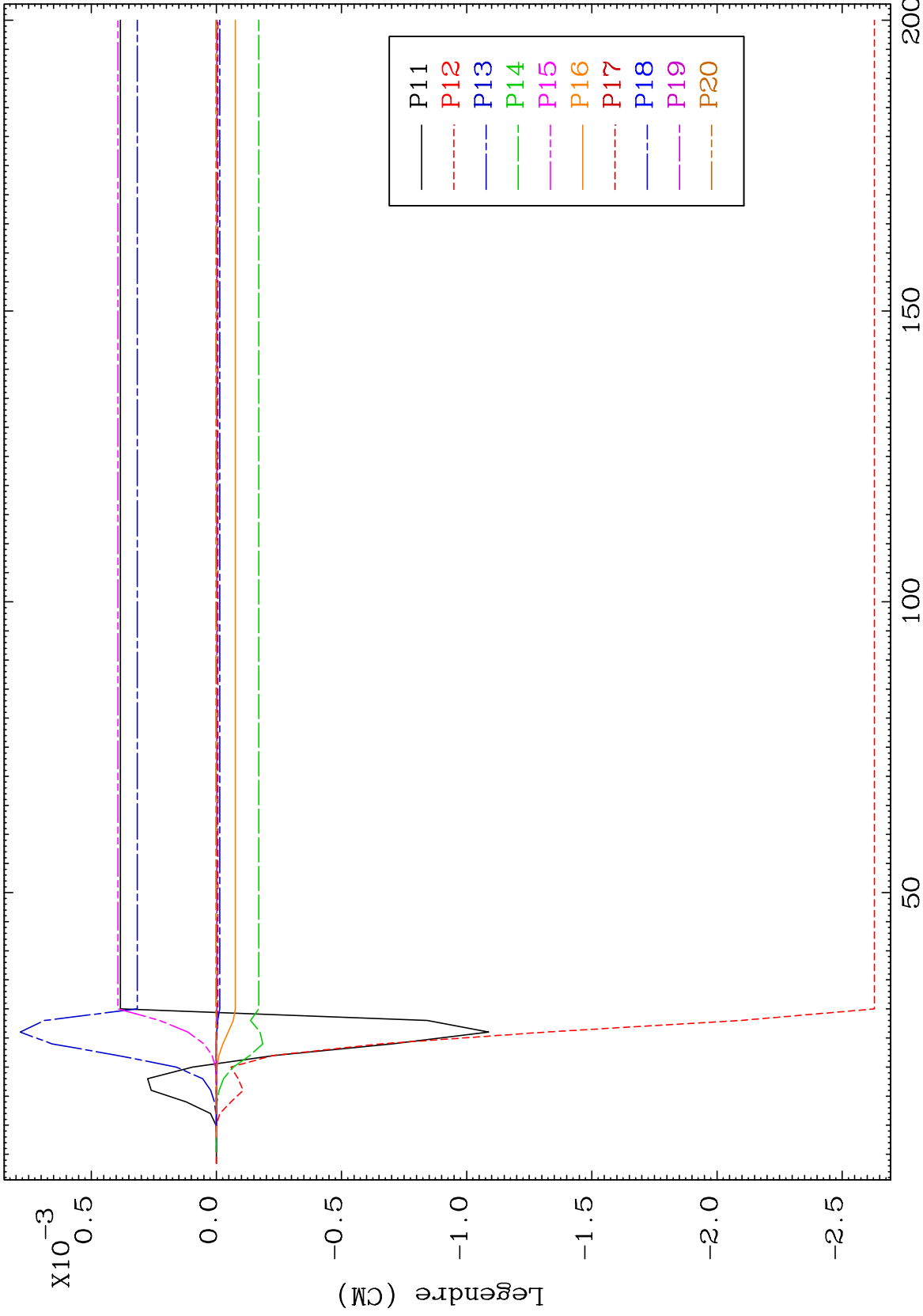
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



108

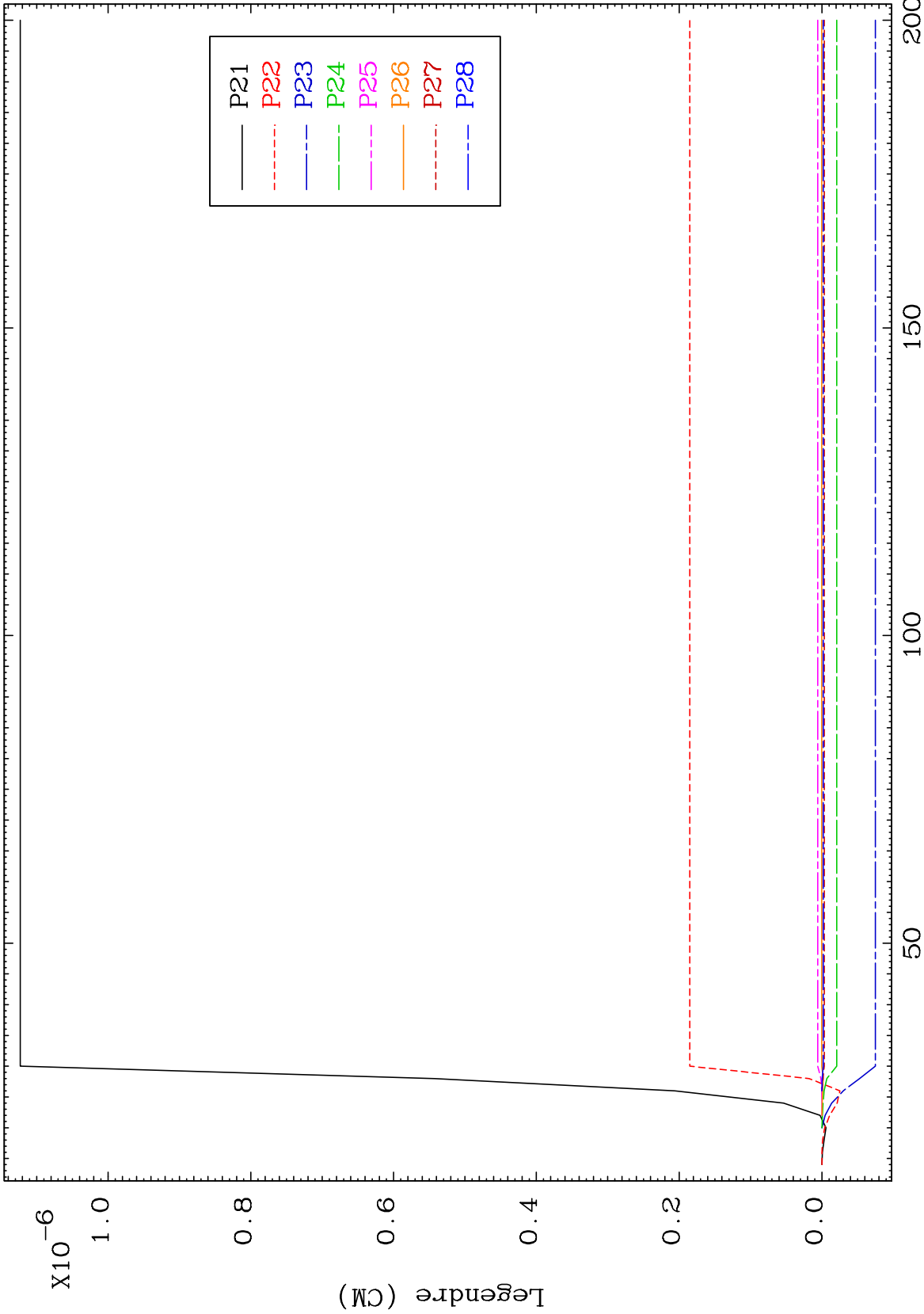
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



109

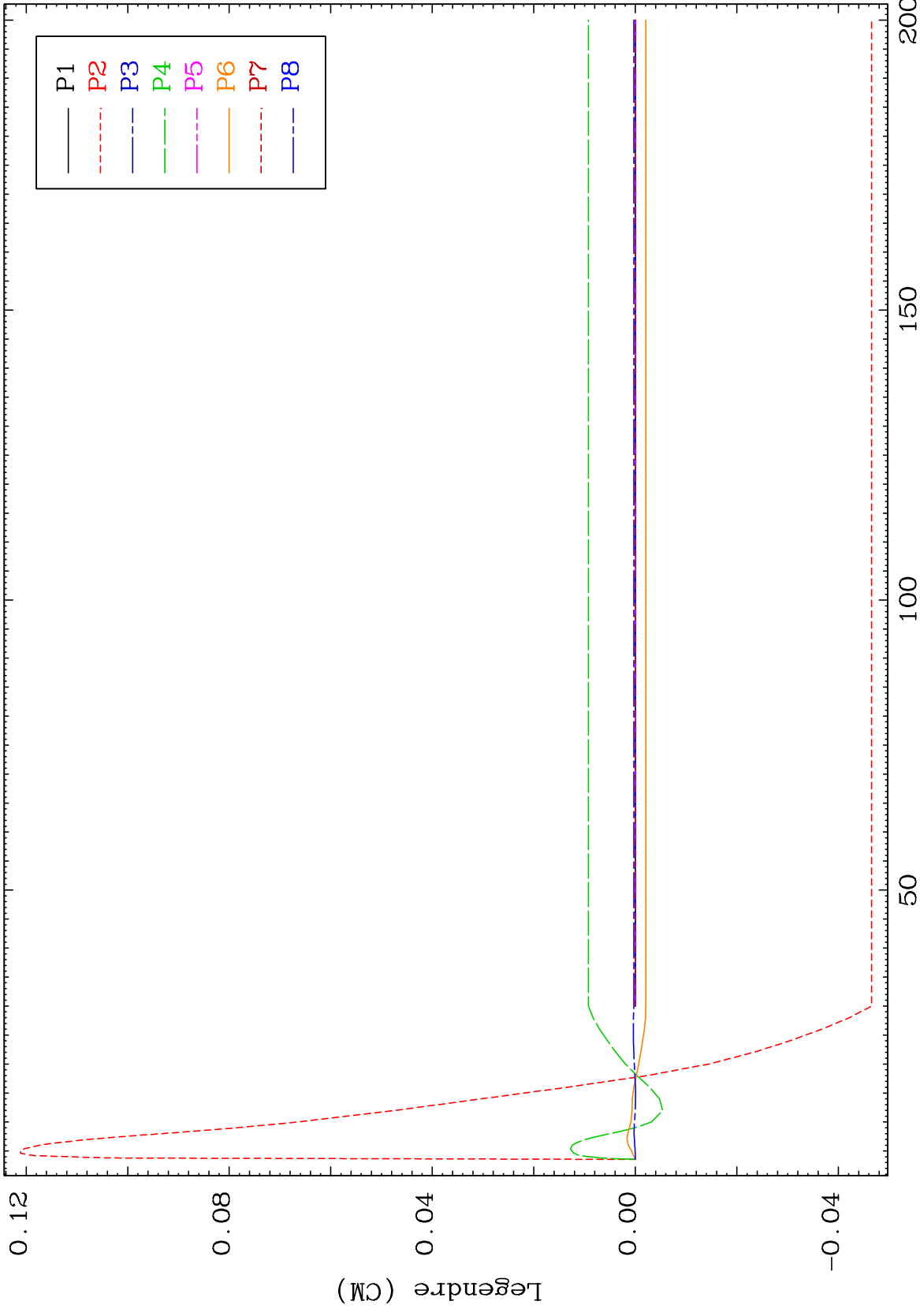
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



52-Te-133

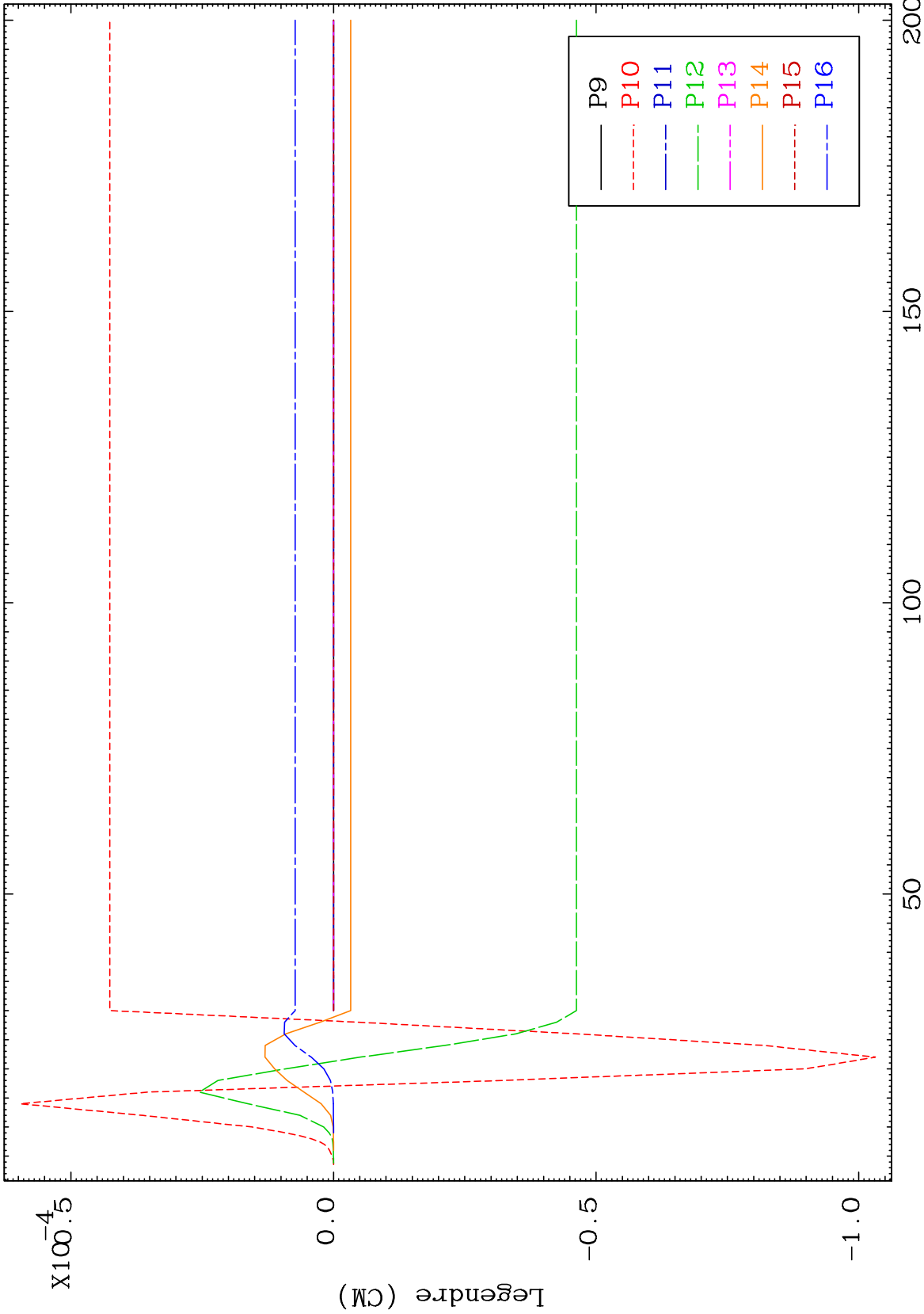
Incident Energy (MeV)

110

MAT 5264

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

52-Te-133



111

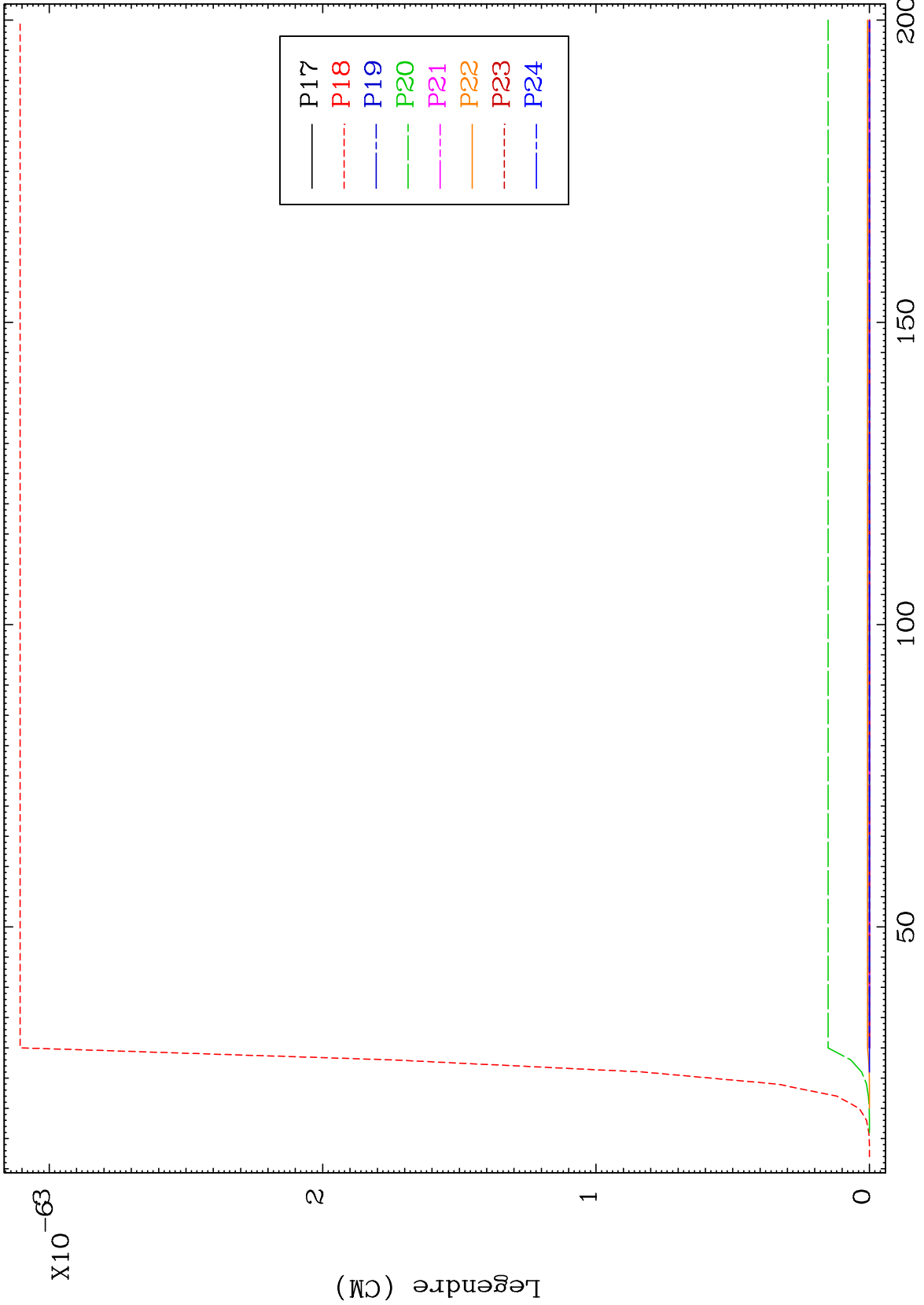
Incident Energy (MeV)

52-Te-133

MAT 5264

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

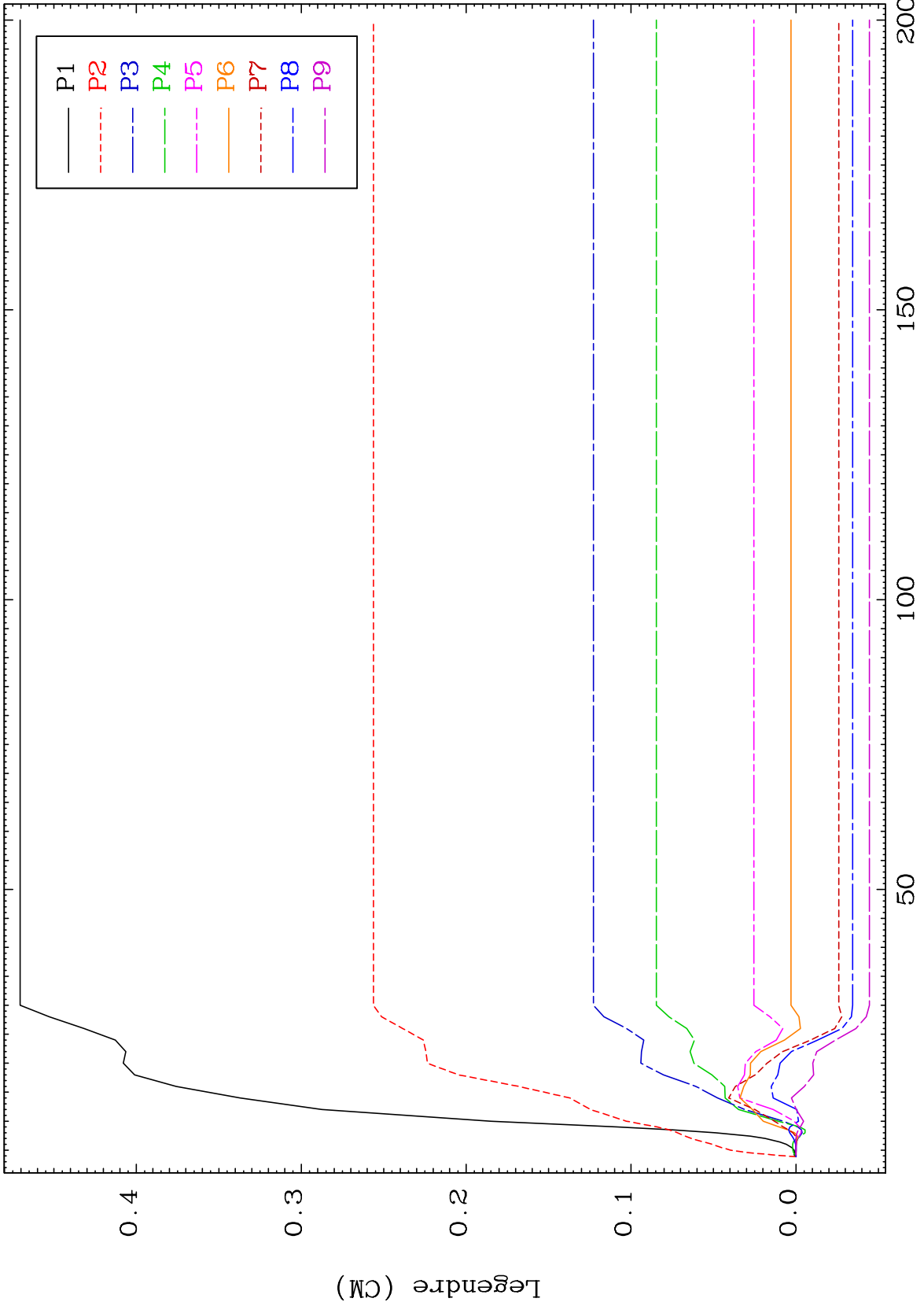
52-Te-133



MAT 5264

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

52-Te-133



113

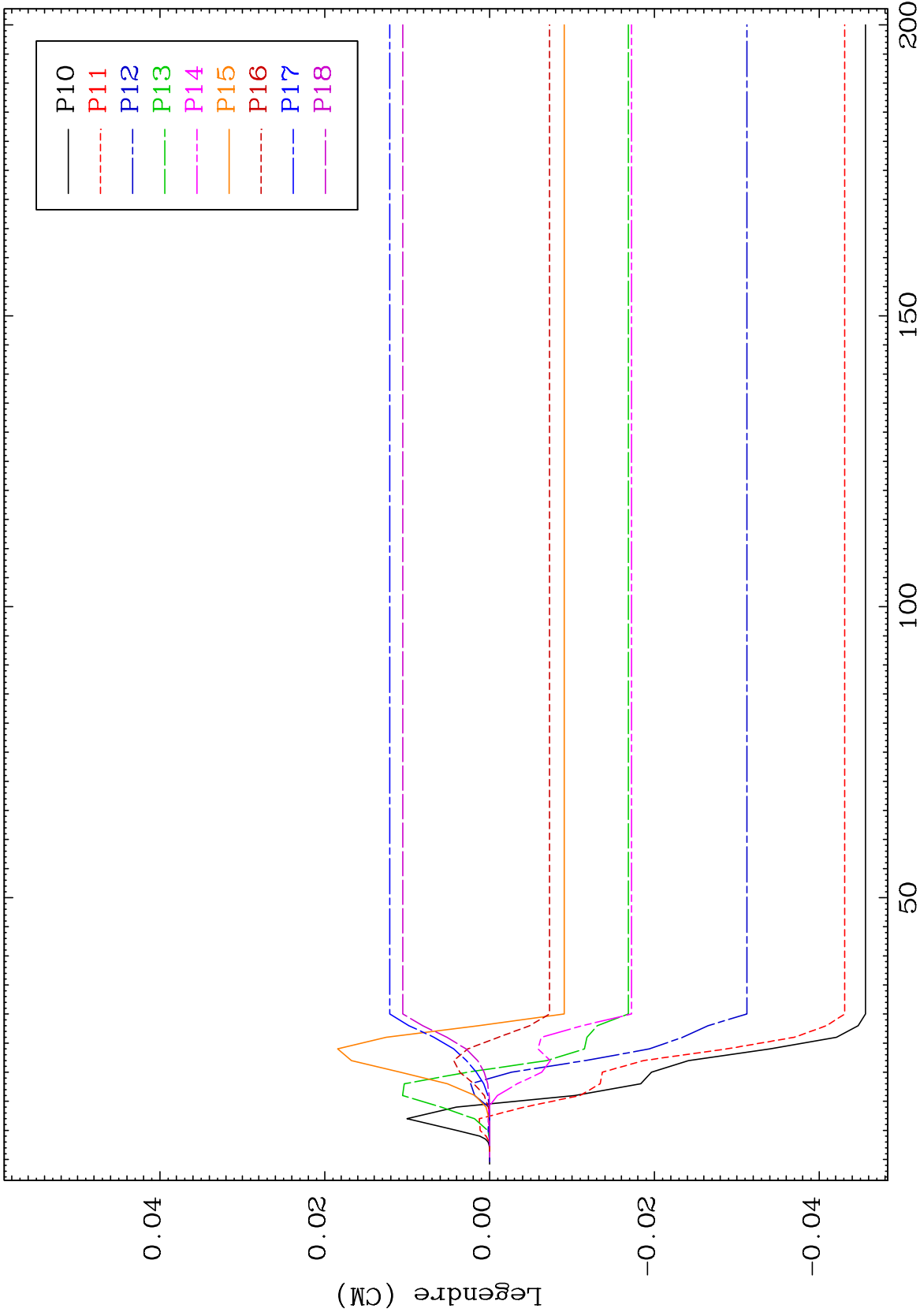
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



114

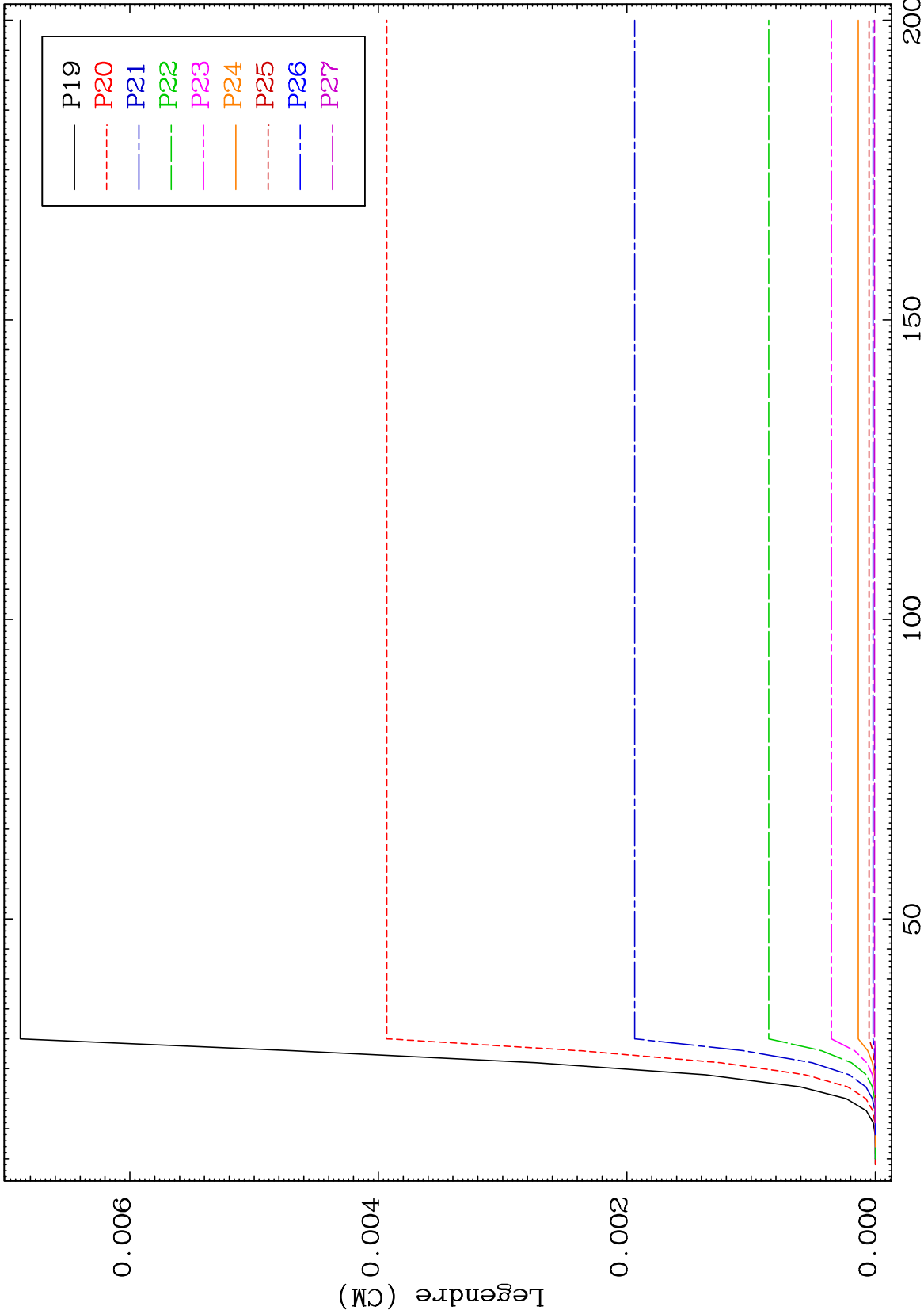
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



115

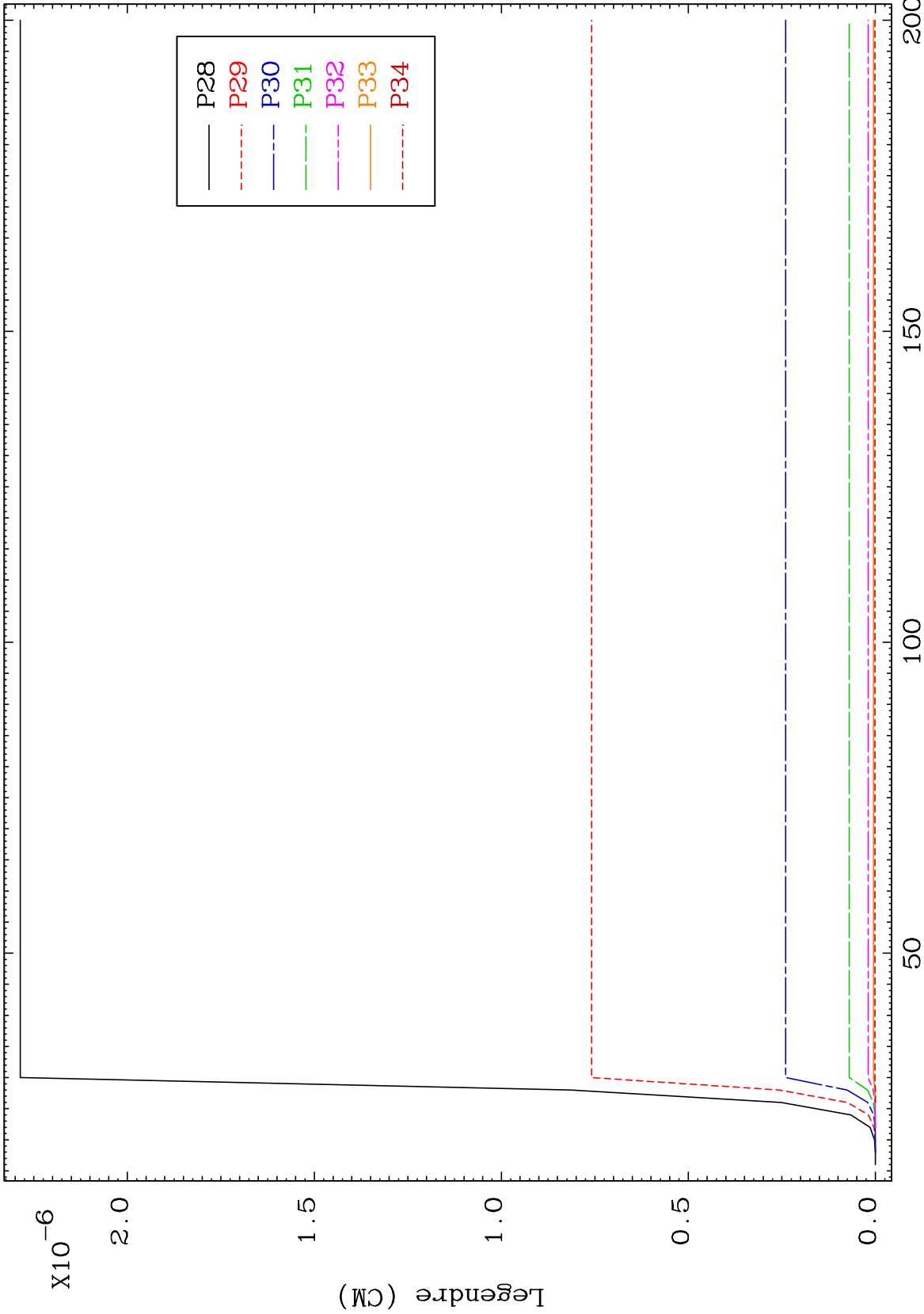
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



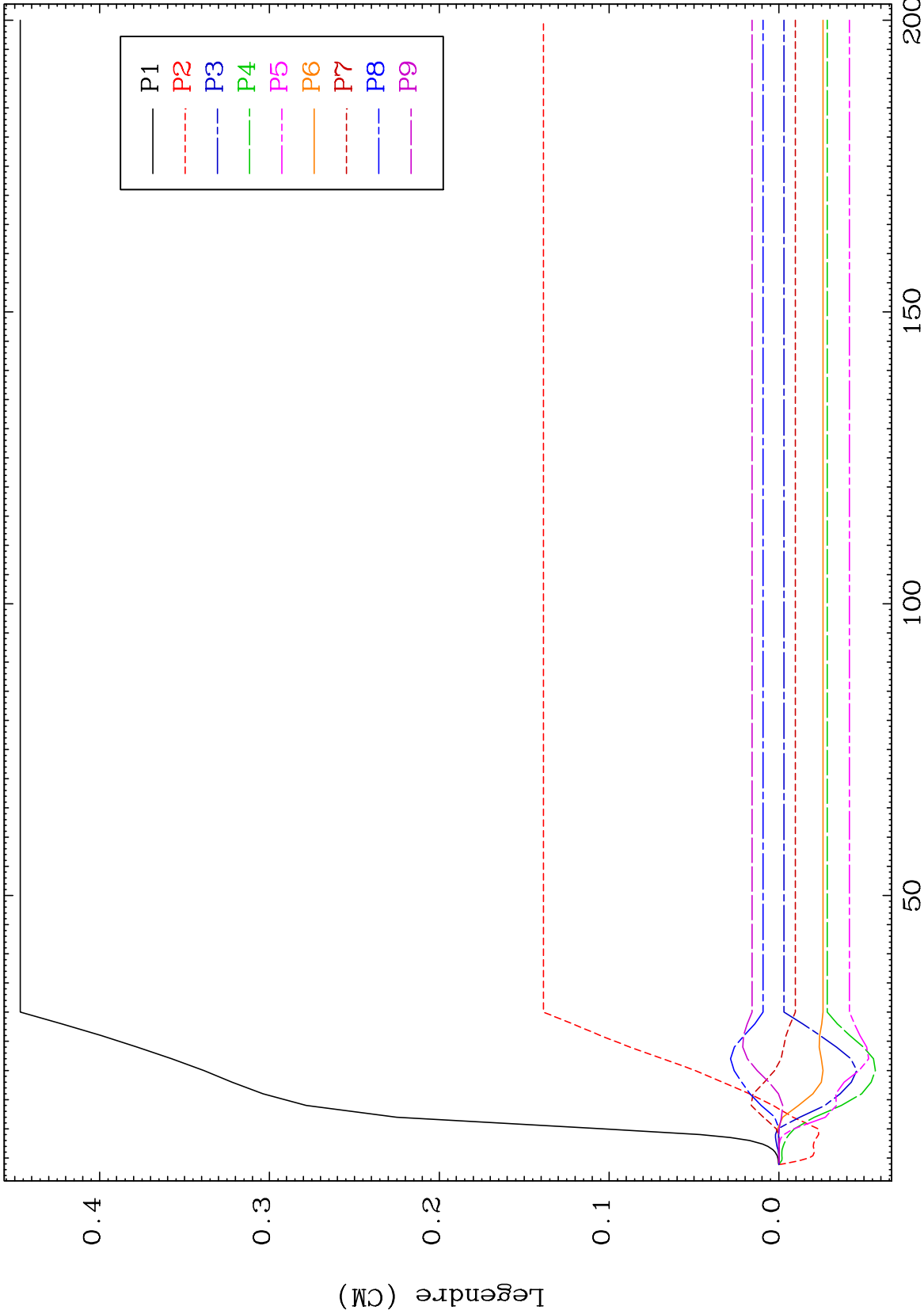
116

52-Te-133

MAT 5264

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

52-Te-133



117

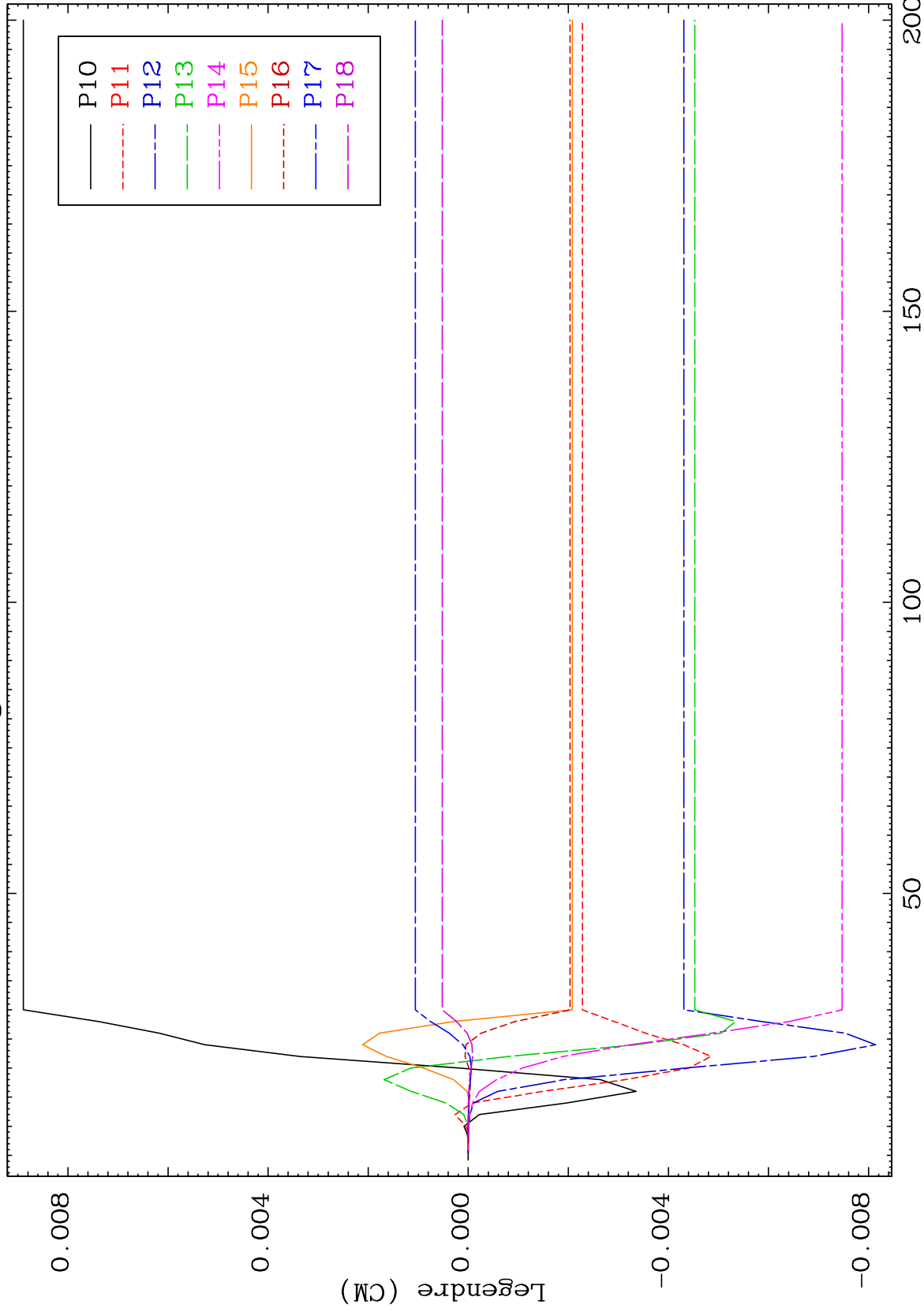
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133



118

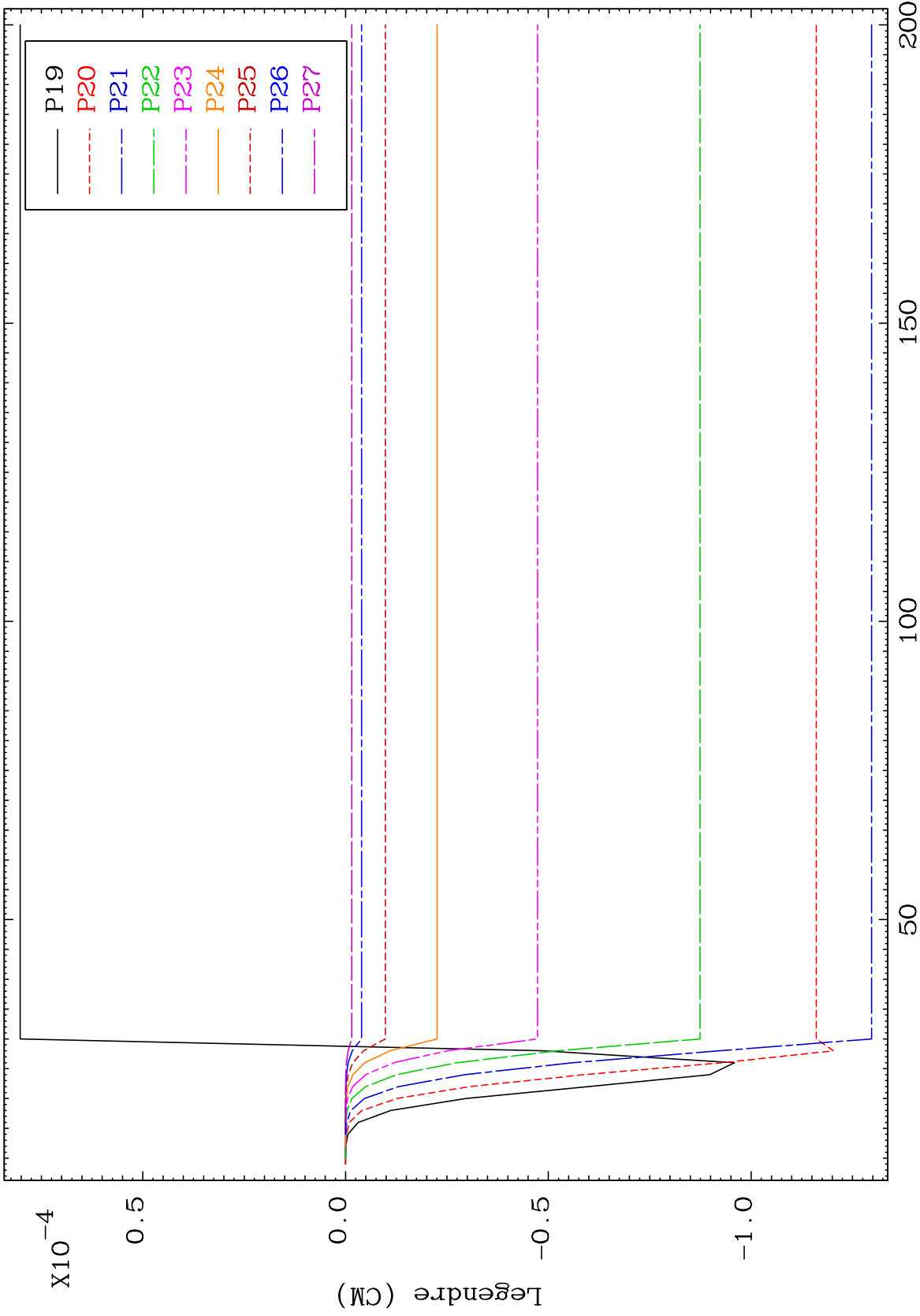
Incident Energy (MeV)

52-Te-133

MAT 5264

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

52-Te-133

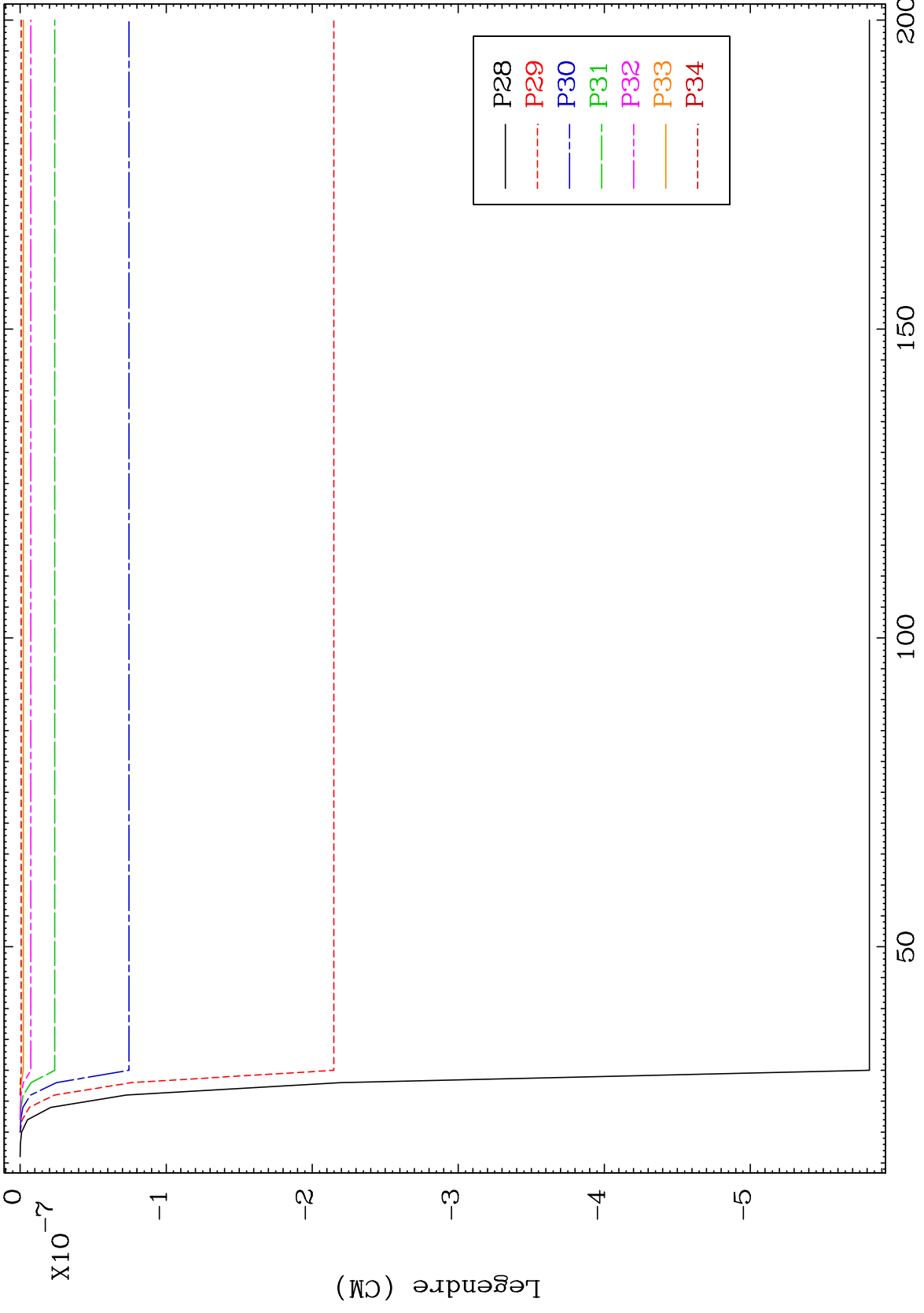


119

Incident Energy (MeV)

52-Te-133

MAT 5264 MT= 76 (n,n') Level Legendre Coefficients 52-Te-133

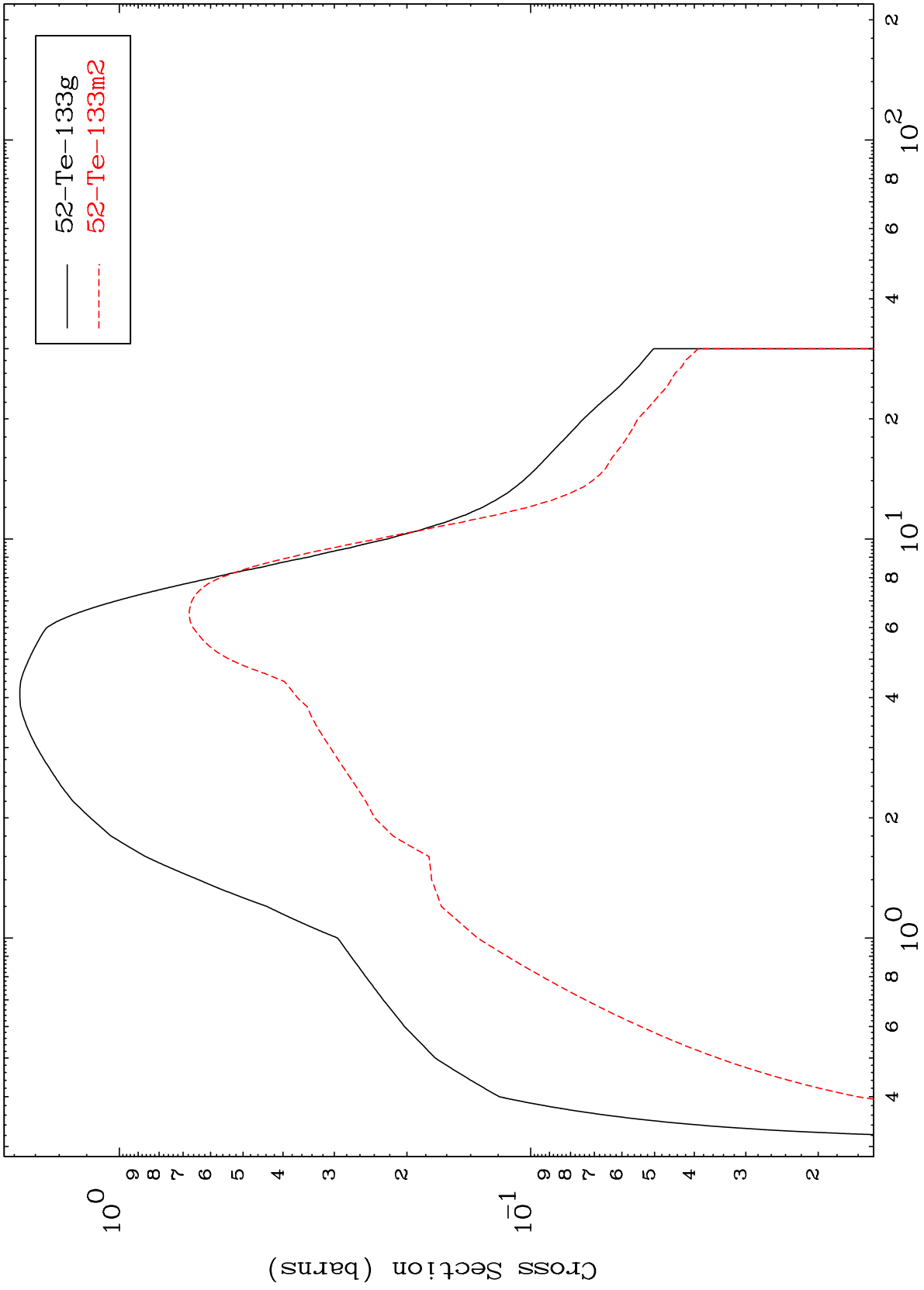


120 50 100 150 200 Incident Energy (MeV) 52-Te-133

MAT 5264

Inelastic
Radionuclide Production Cross Section

⁵²Te-¹³³



121

Incident Energy (MeV)

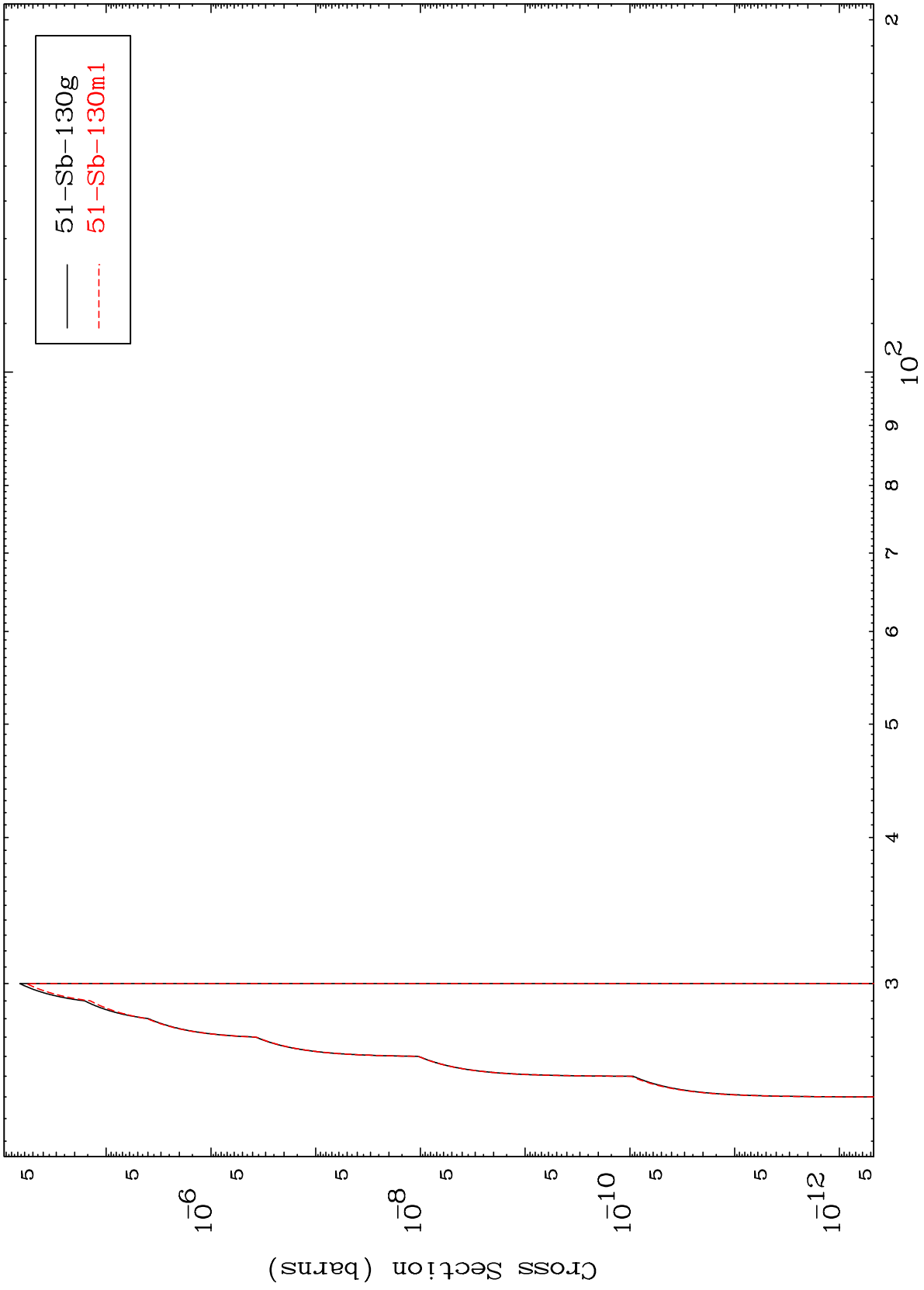
⁵²Te-¹³³

MAT 5264

(n,2n) d

52-Te-133

Radionuclide Production Cross Section



122

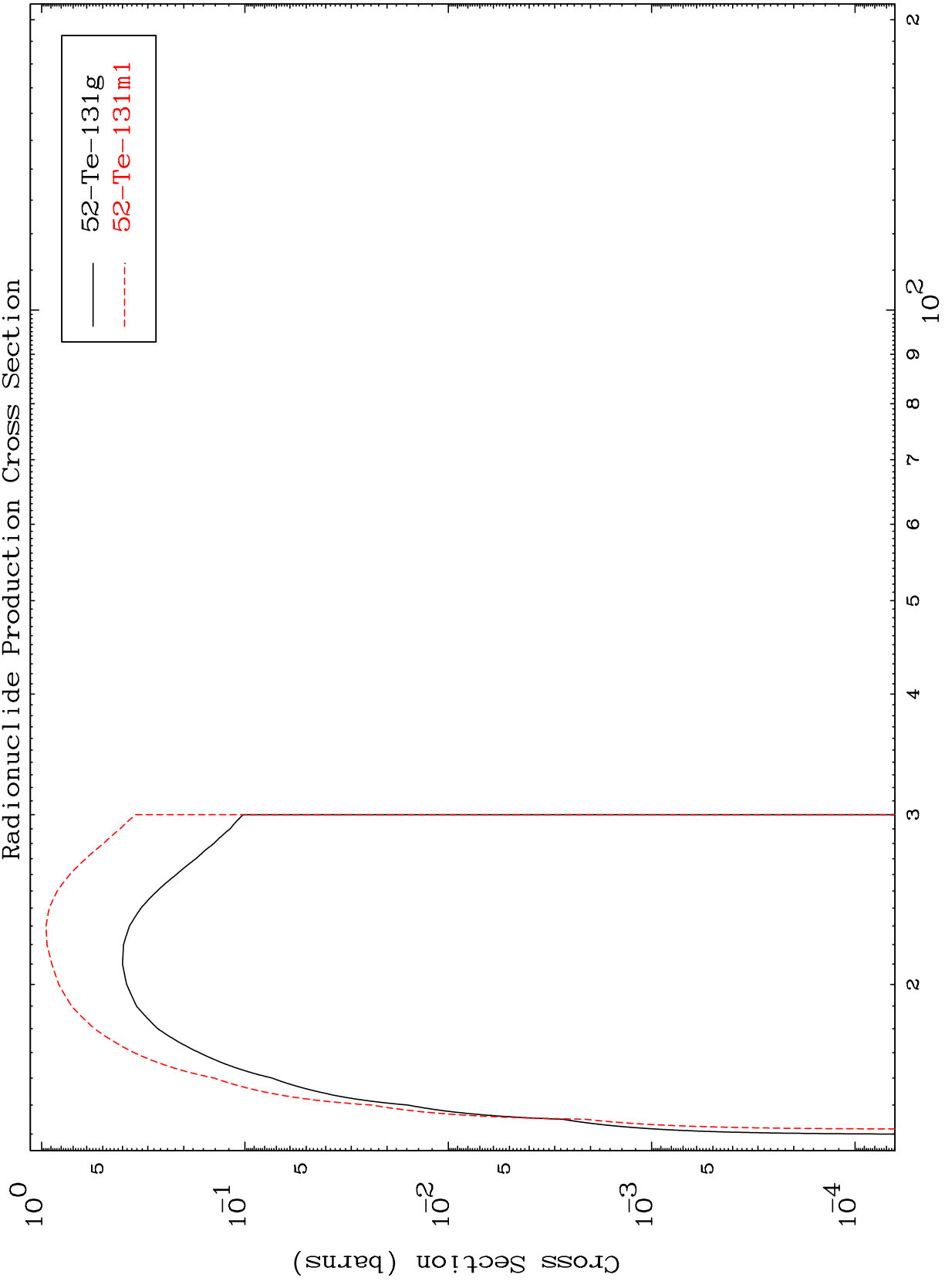
Incident Energy (MeV)

52-Te-133

MAT 5264

52-Te-133

(n,3n)
Radionuclide Production Cross Section



123

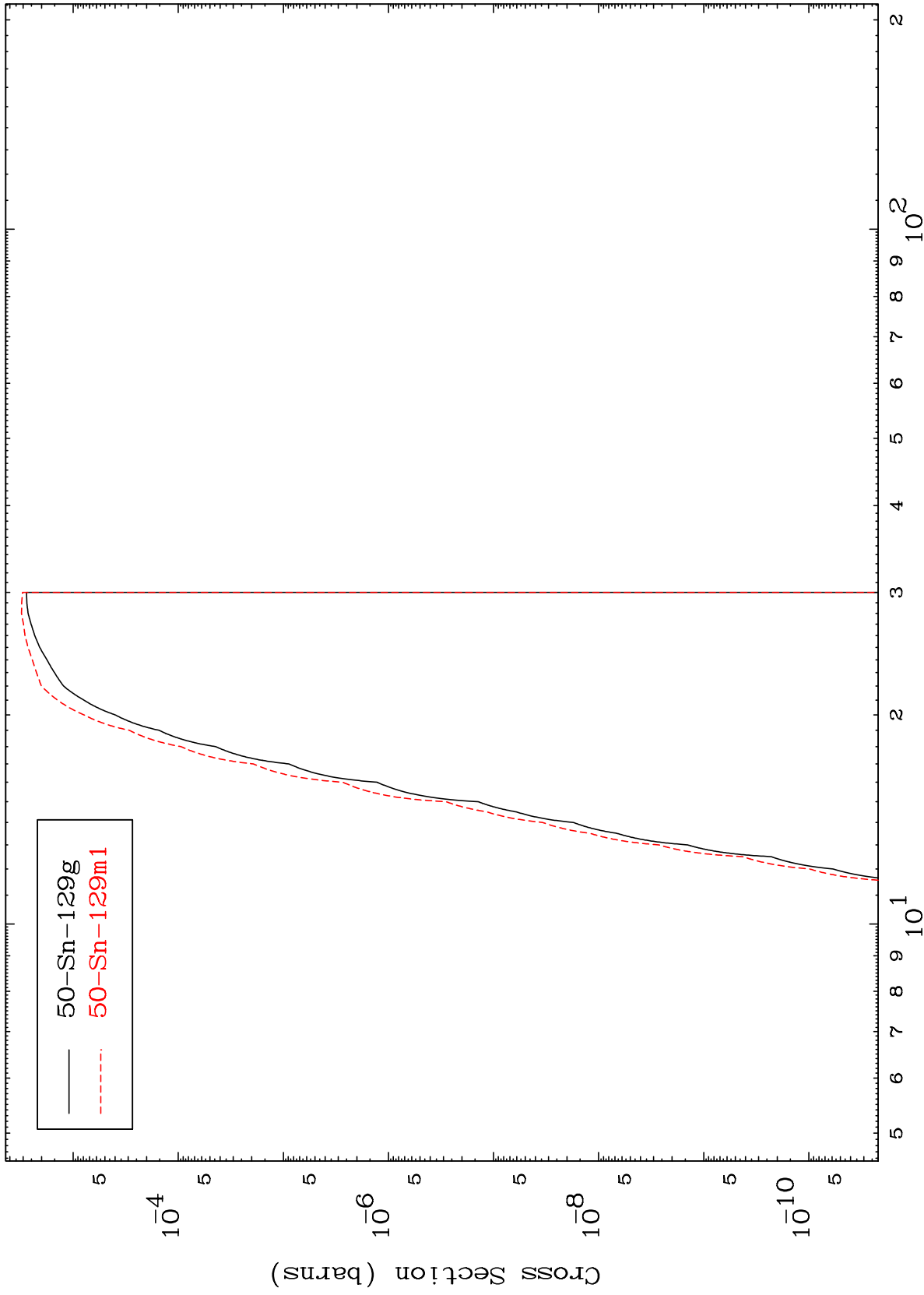
52-Te-133

MAT 5264

(n,n') α

52-Te-133

Radionuclide Production Cross Section



124

Incident Energy (MeV)

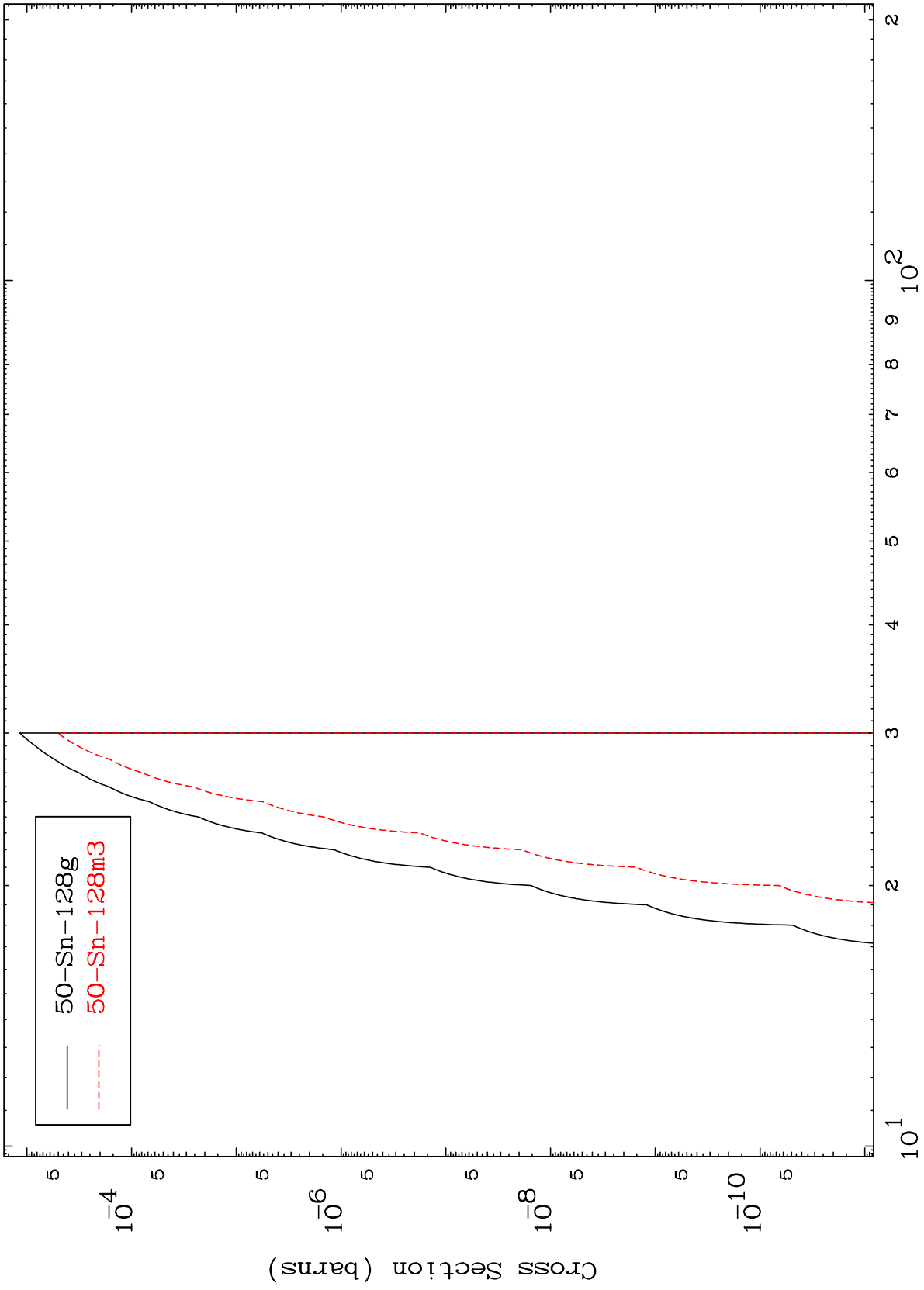
52-Te-133

MAT 5264

(n,2n) α

52-Te-133

Radionuclide Production Cross Section



125

Incident Energy (MeV)

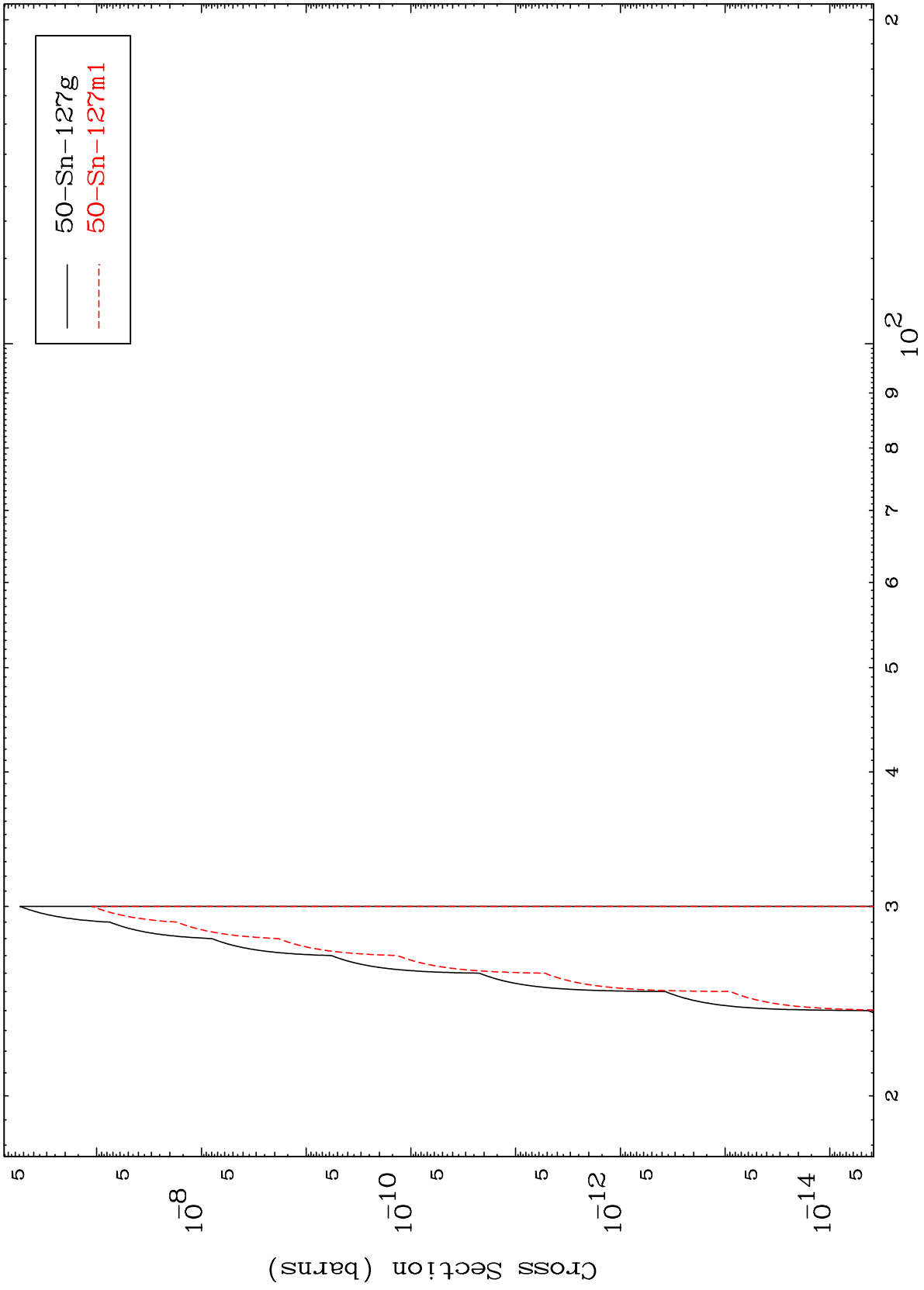
52-Te-133

MAT 5264

(n,3n) α

⁵²Te-133

Radionuclide Production Cross Section



126

Incident Energy (MeV)

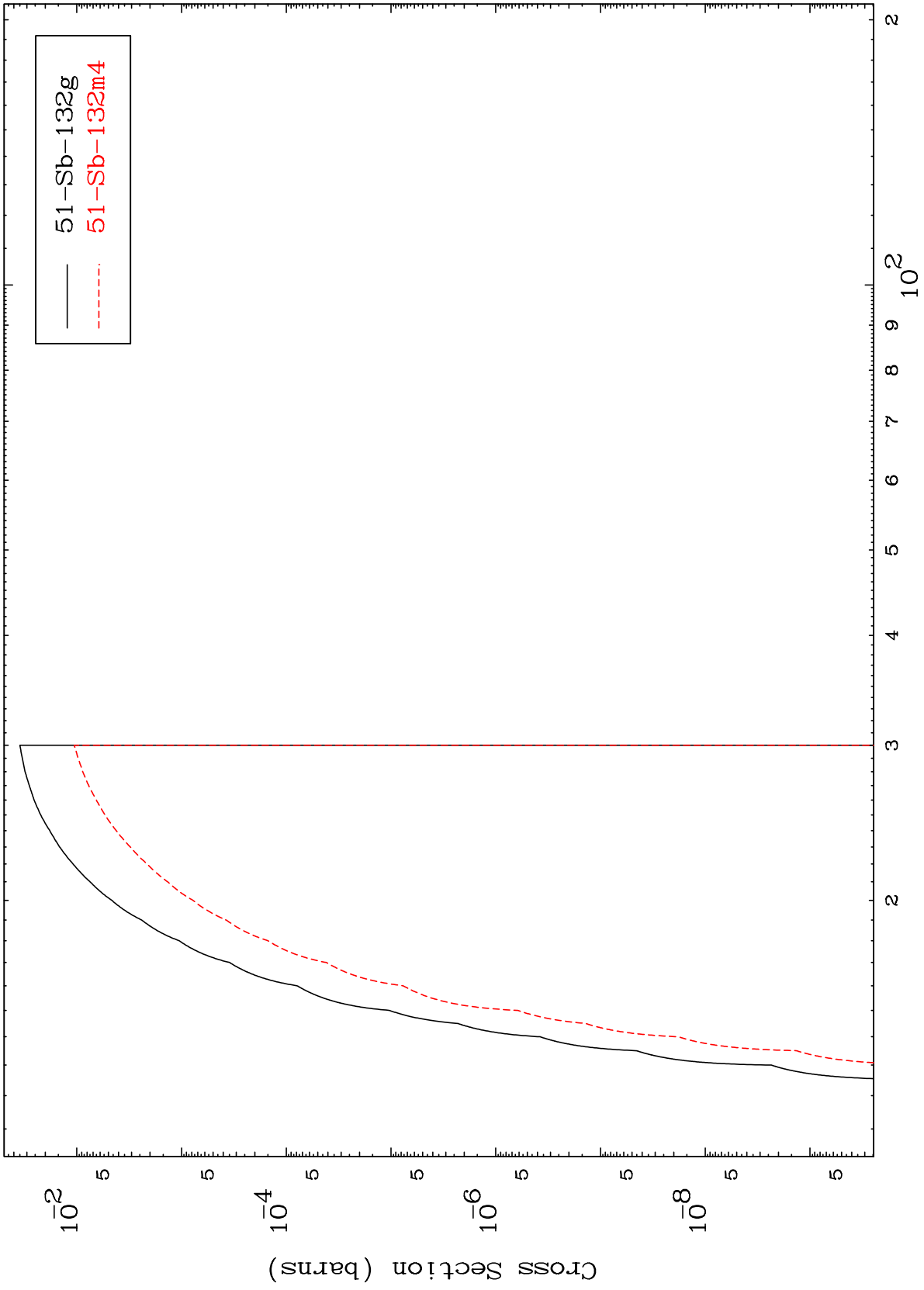
⁵²Te-133

MAT 5264

(n,n') p

52-Te-133

Radionuclide Production Cross Section



127

Incident Energy (MeV)

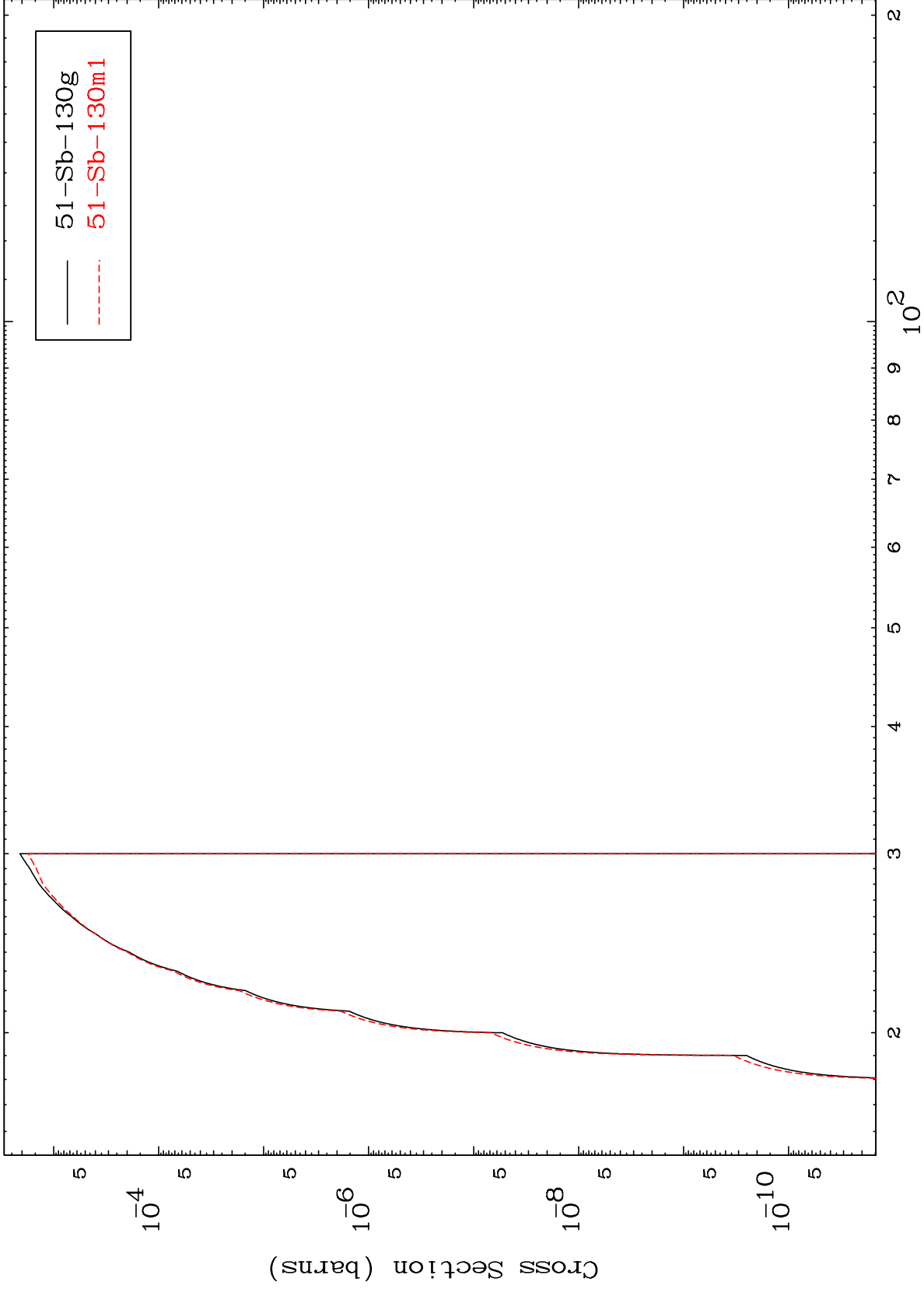
52-Te-133

MAT 5264

(n,n') t

52-Te-133

Radionuclide Production Cross Section



128

Incident Energy (MeV)

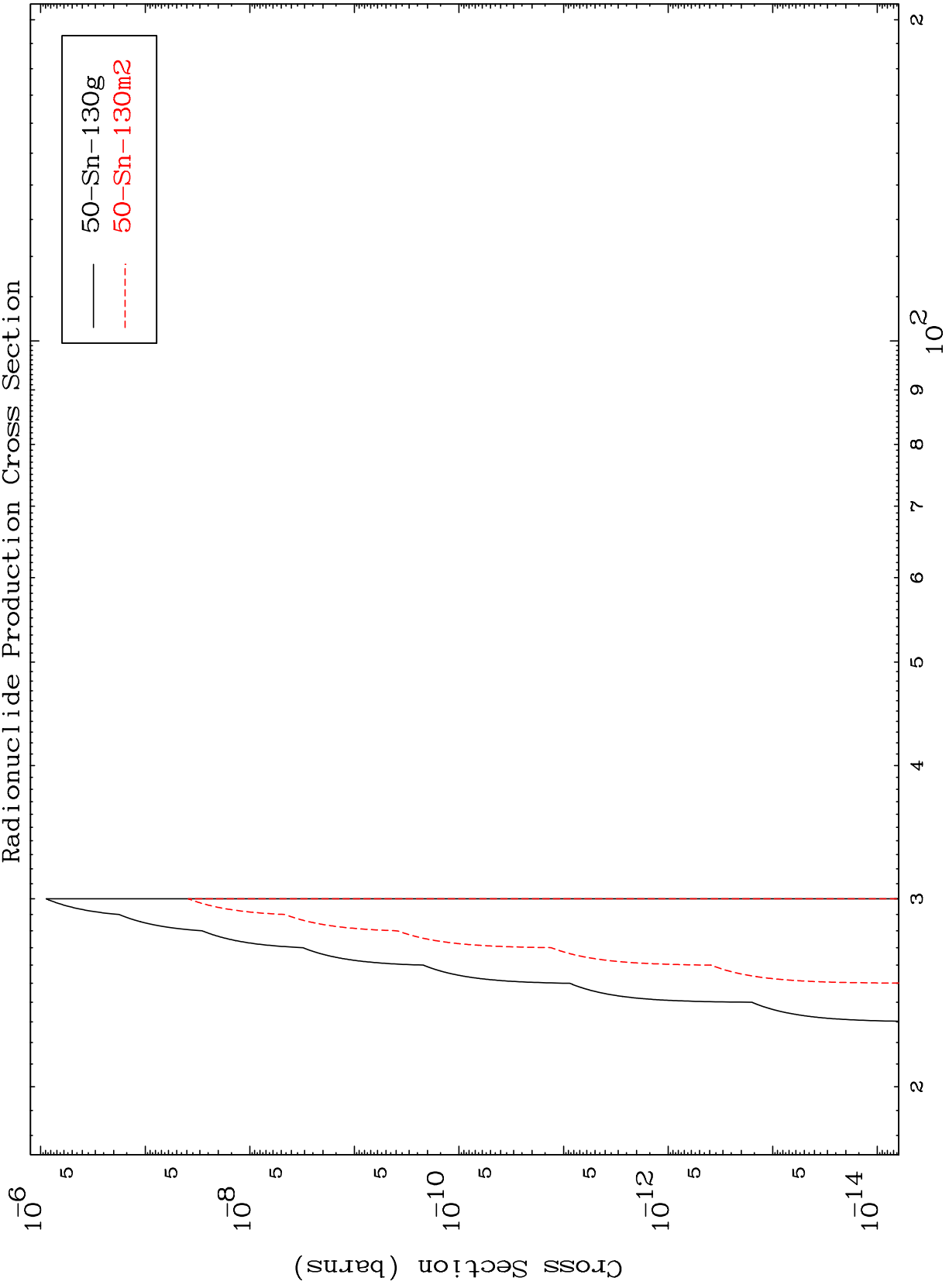
52-Te-133

MAT 5264

(n, n') He-3

52-Te-133

Radionuclide Production Cross Section



129

Incident Energy (MeV)

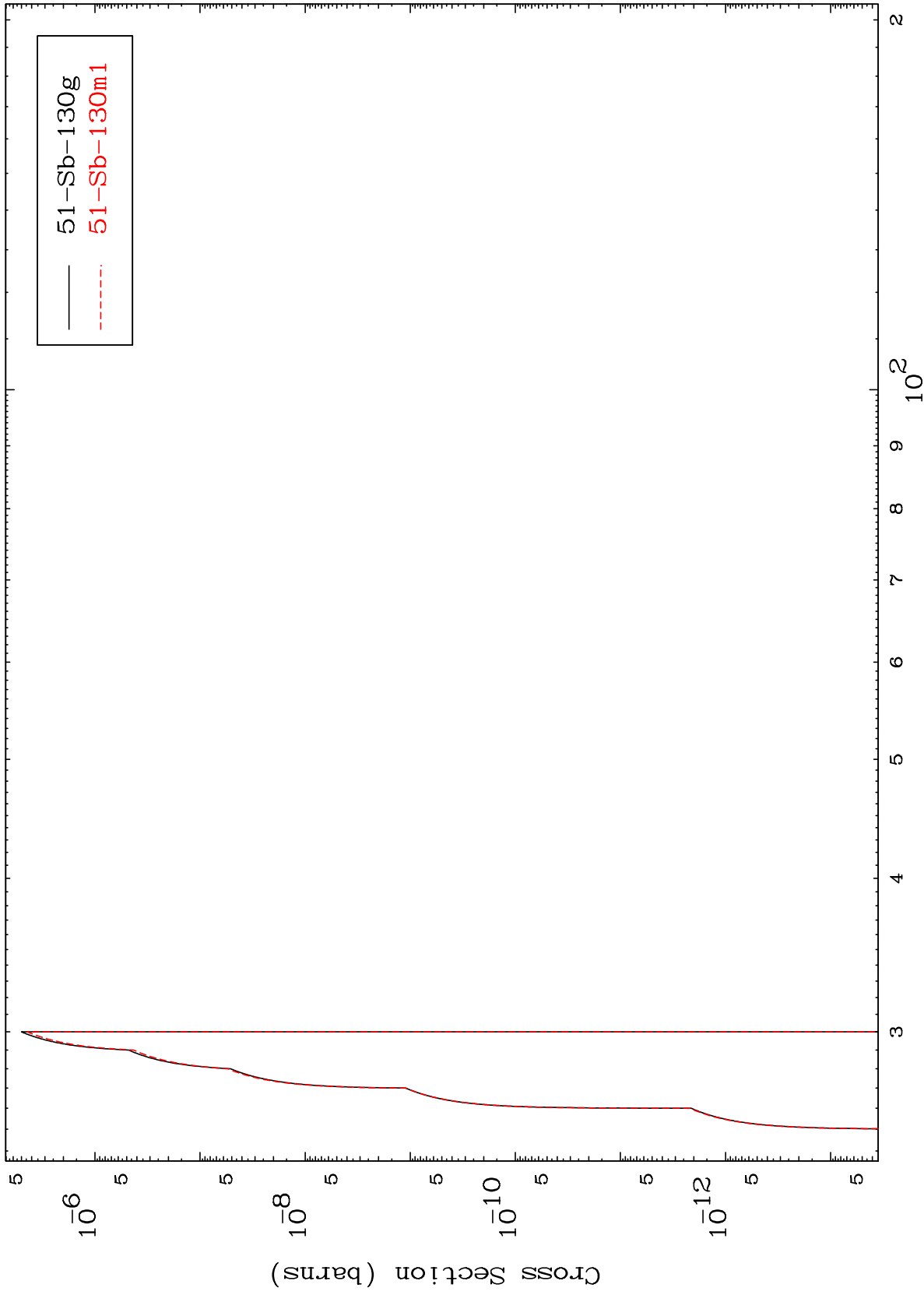
52-Te-133

MAT 5264

(n,3n) p

52-Te-133

Radionuclide Production Cross Section



130

Incident Energy (MeV)

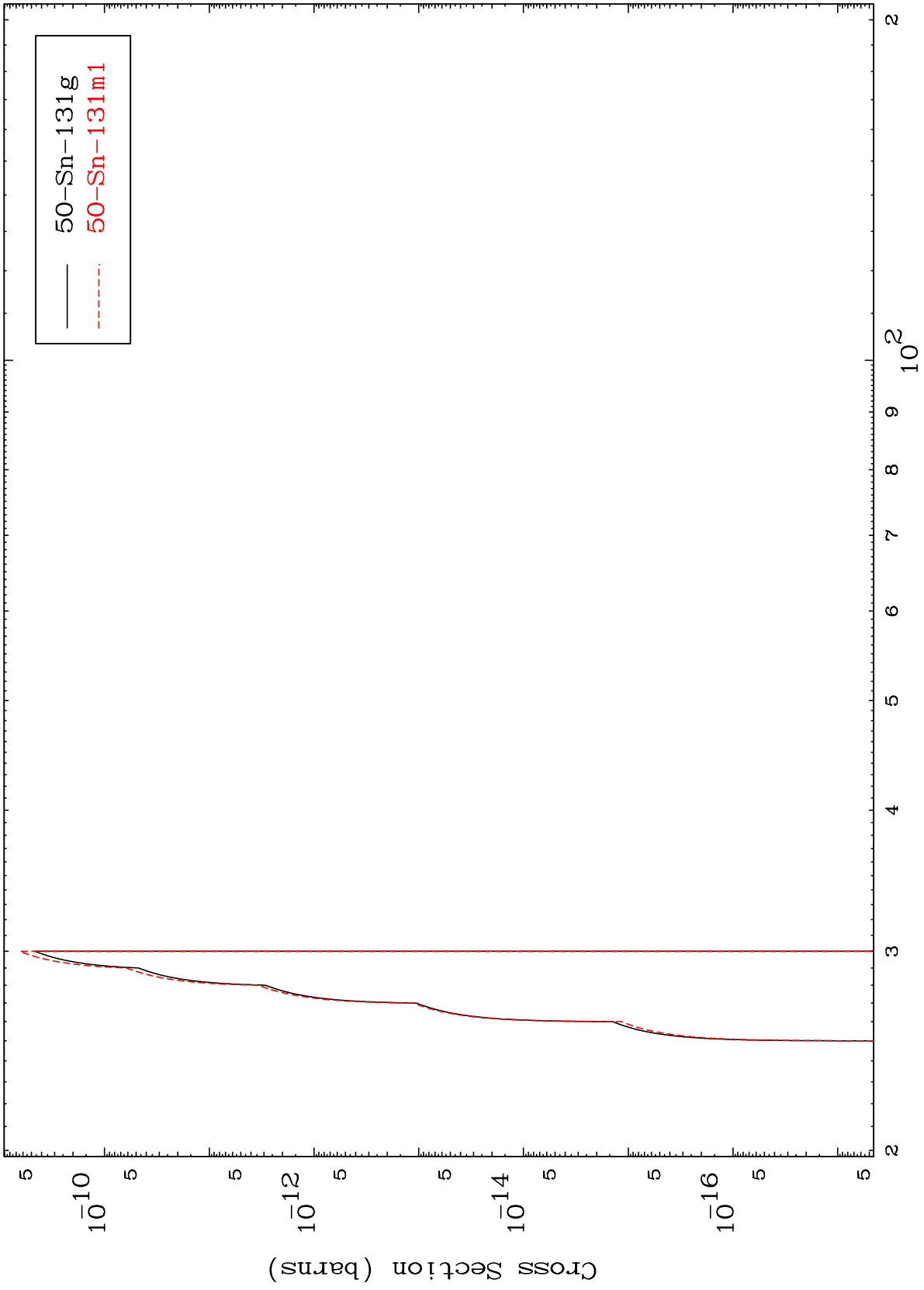
52-Te-133

MAT 5264

(n,2n) p

⁵²Te-133

Radionuclide Production Cross Section



131

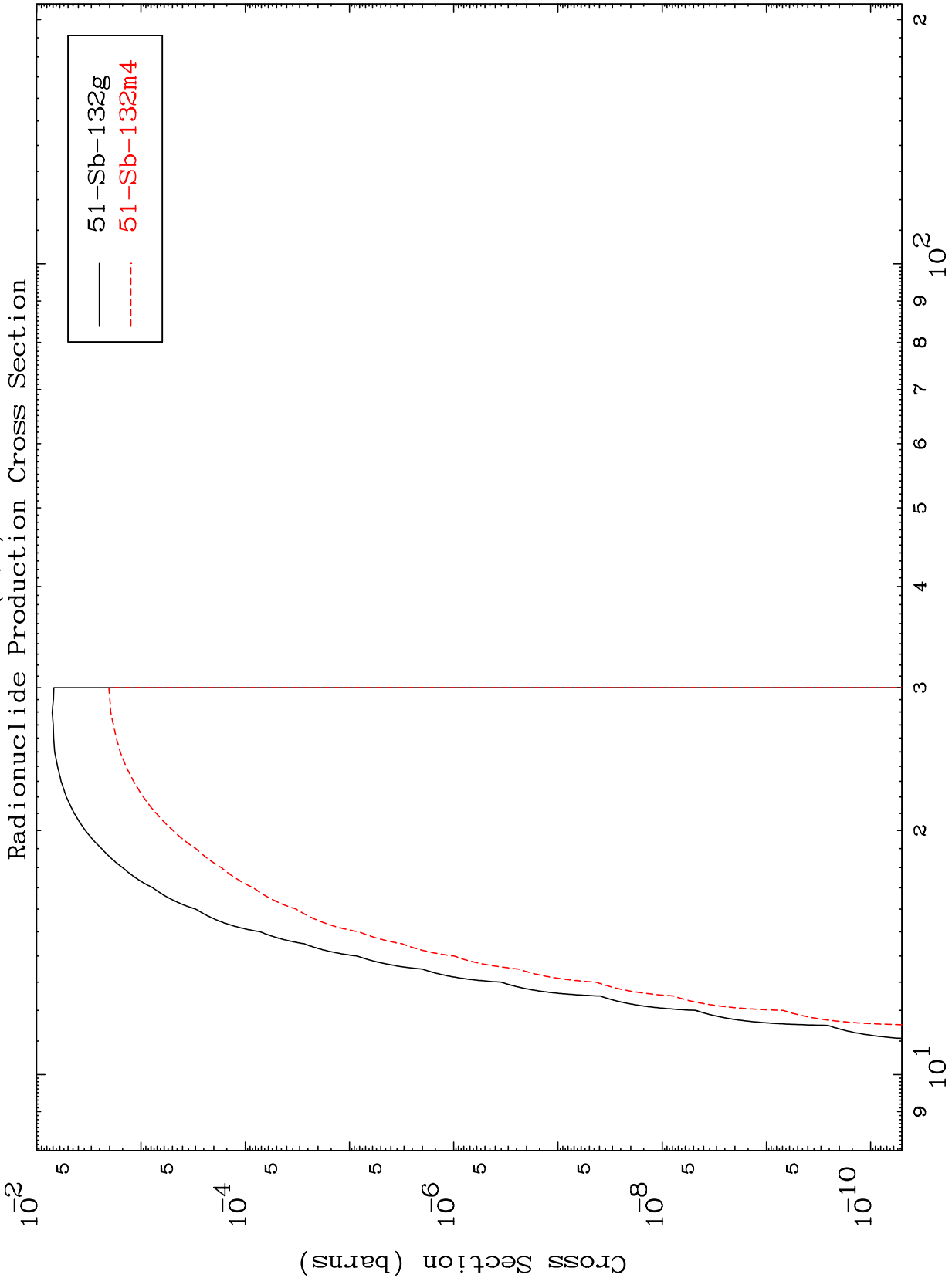
Incident Energy (MeV)

⁵²Te-133

MAT 5264

(n,d)

52-Te-133



52-Te-133

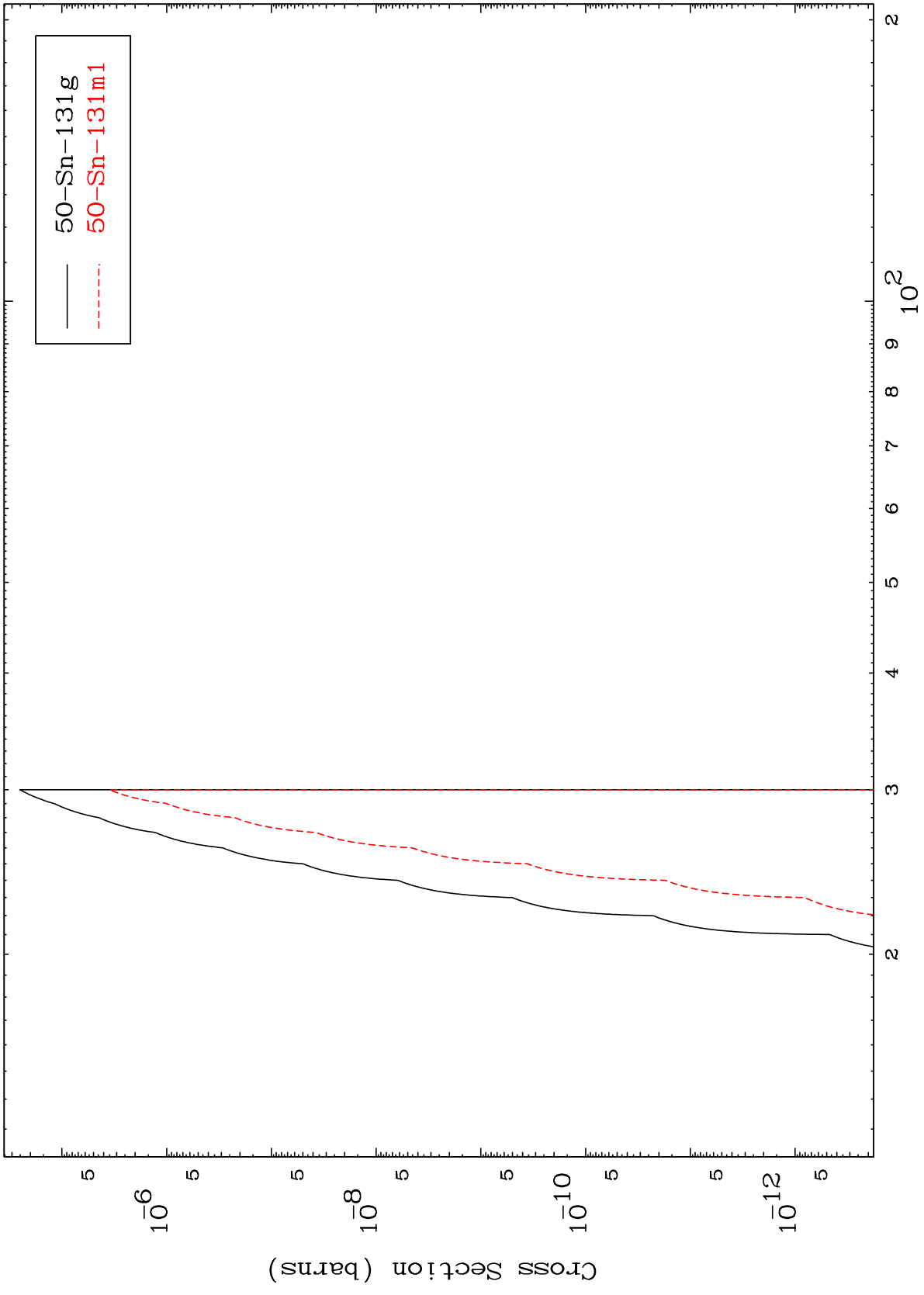
132

MAT 5264

(n, He-3)

52-Te-133

Radionuclide Production Cross Section



50-Sn-131g
50-Sn-131m1

133

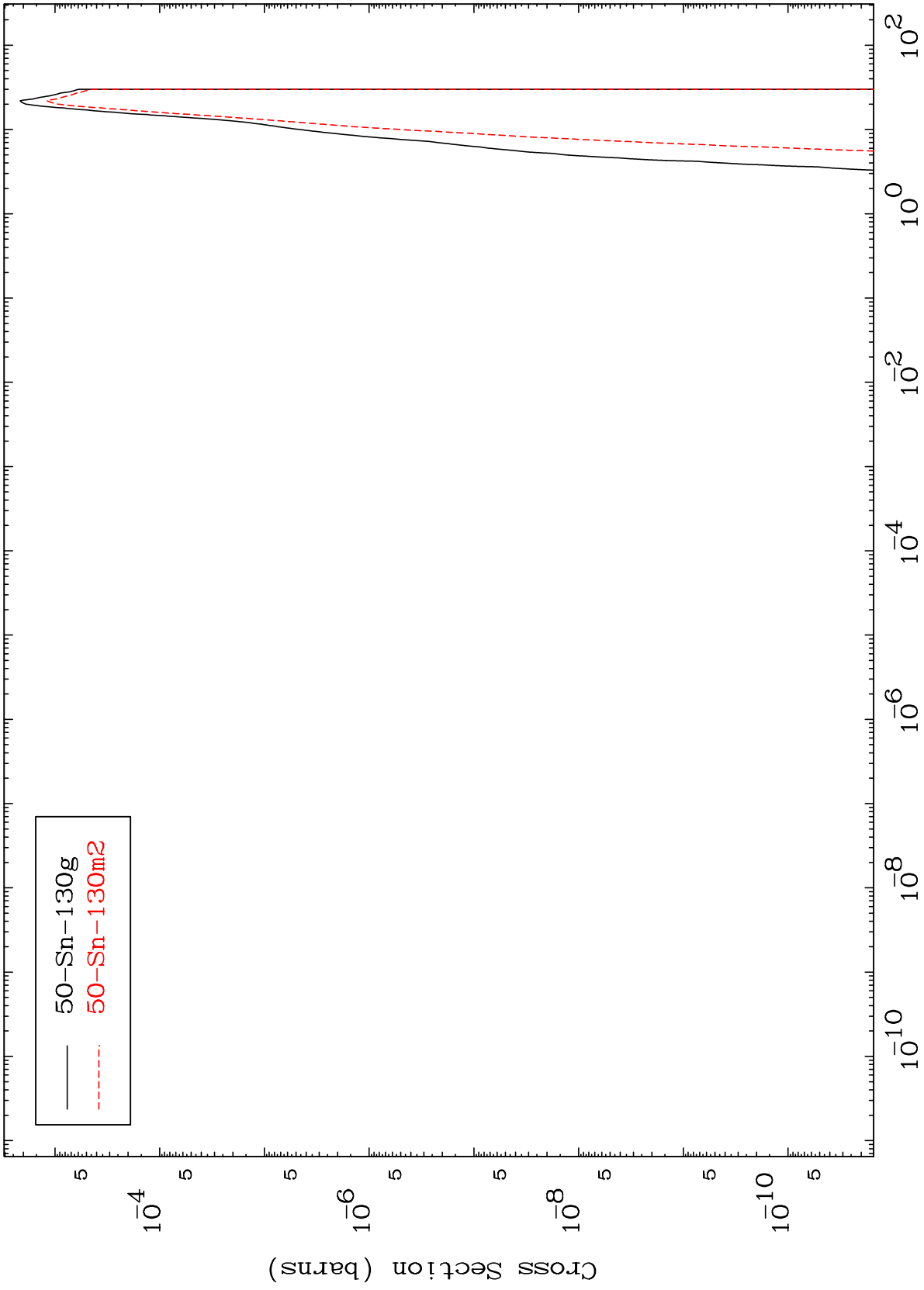
Incident Energy (MeV)

52-Te-133

MAT 5264

(n,α)
Radionuclide Production Cross Section

52-Te-133



134

Incident Energy (MeV)

52-Te-133