

Program EVALPLOT
(Version 2018-1)

by

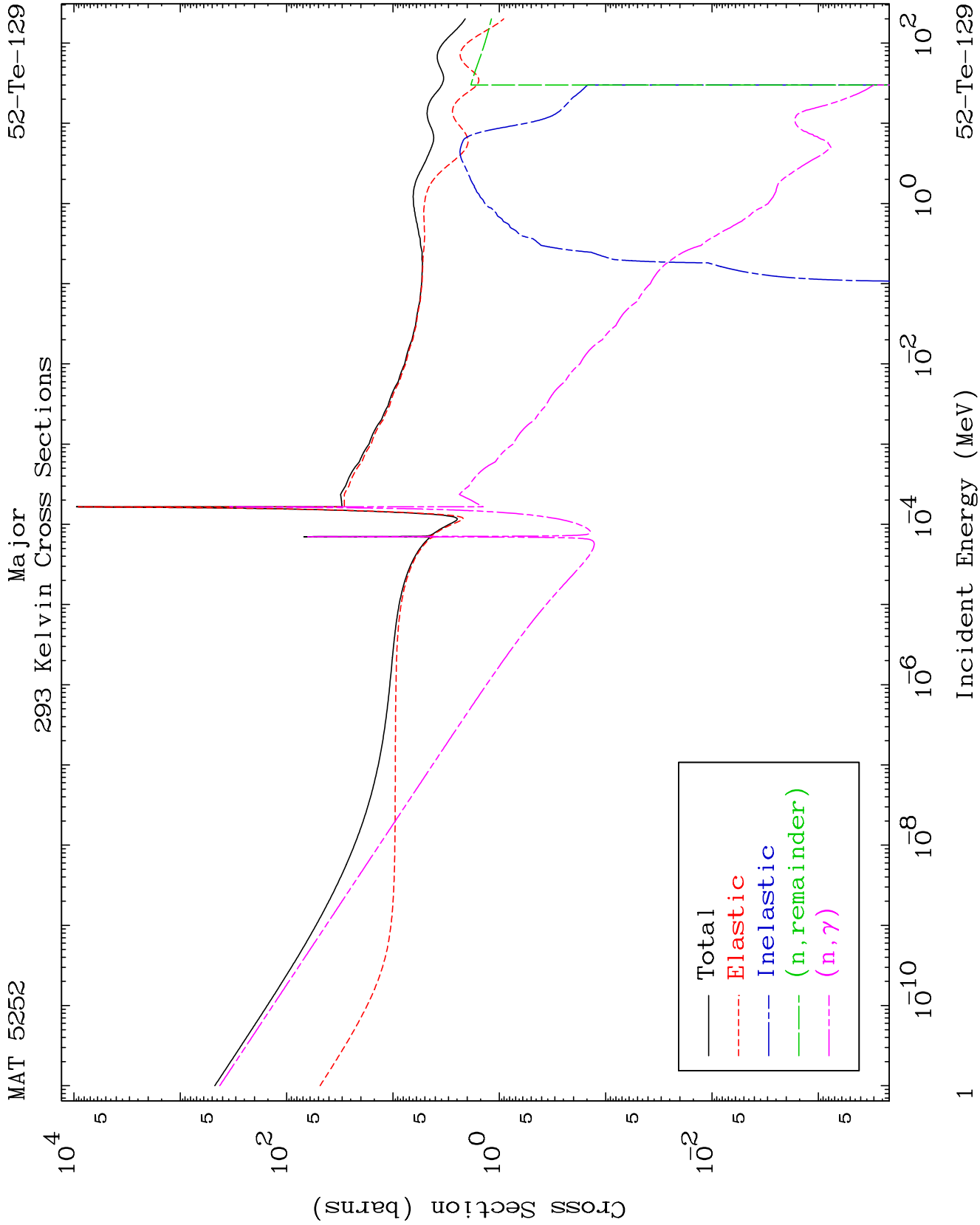
Dermott E. Cullen
(Present Contact Information)

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

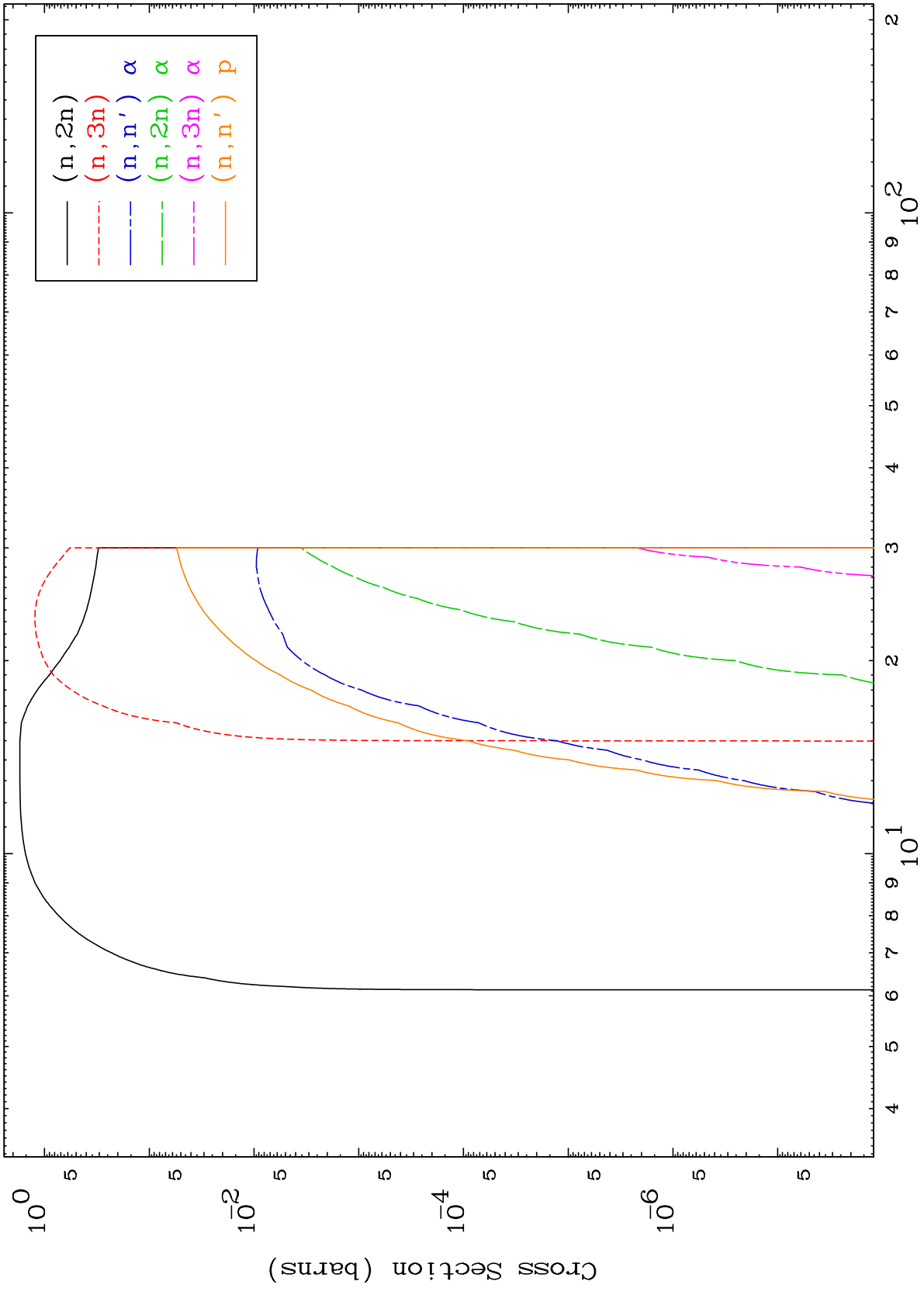
Press Mouse Button to Start



MAT 5252

Neutron Production
293 Kelvin Cross Sections

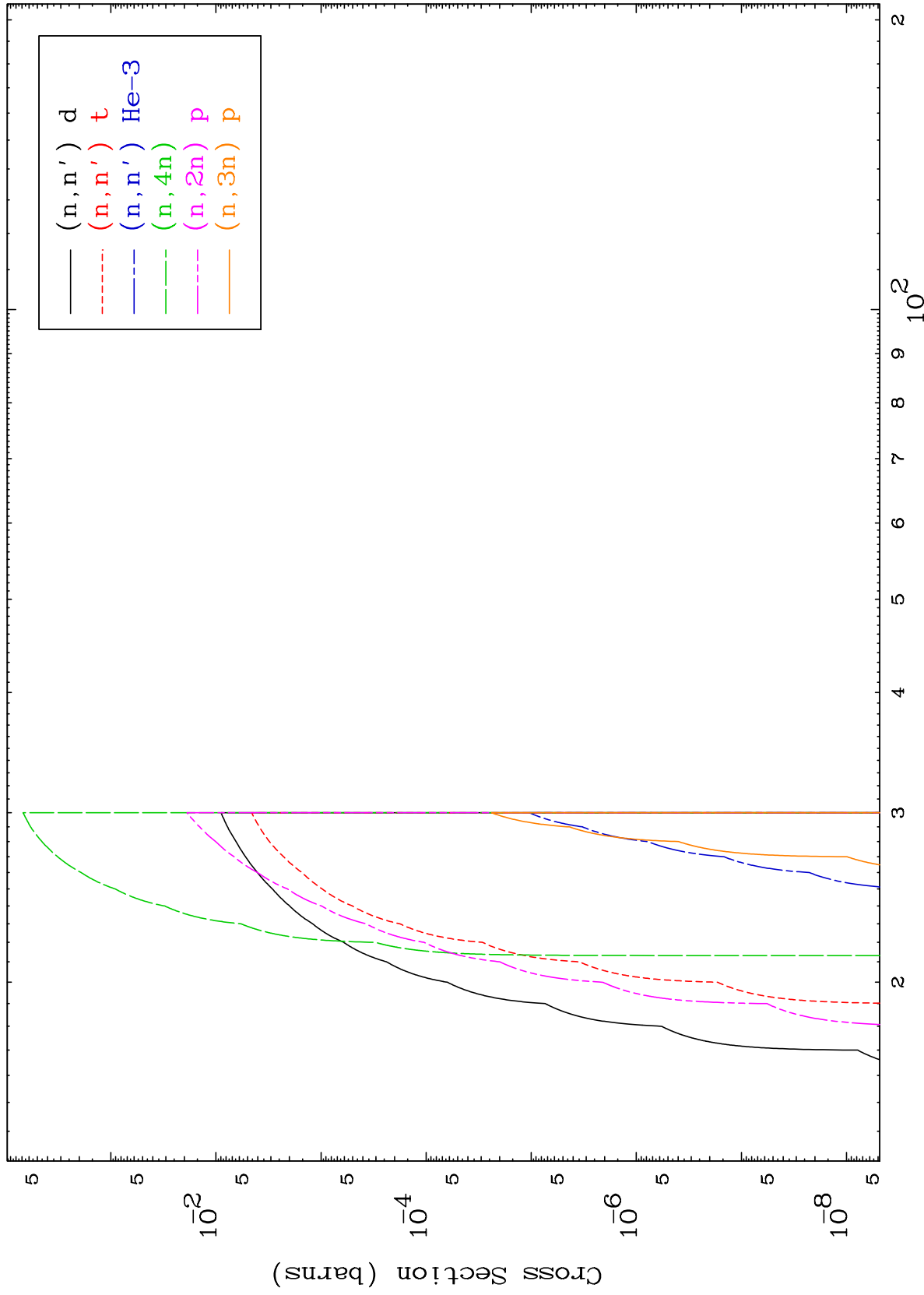
52-Te-129

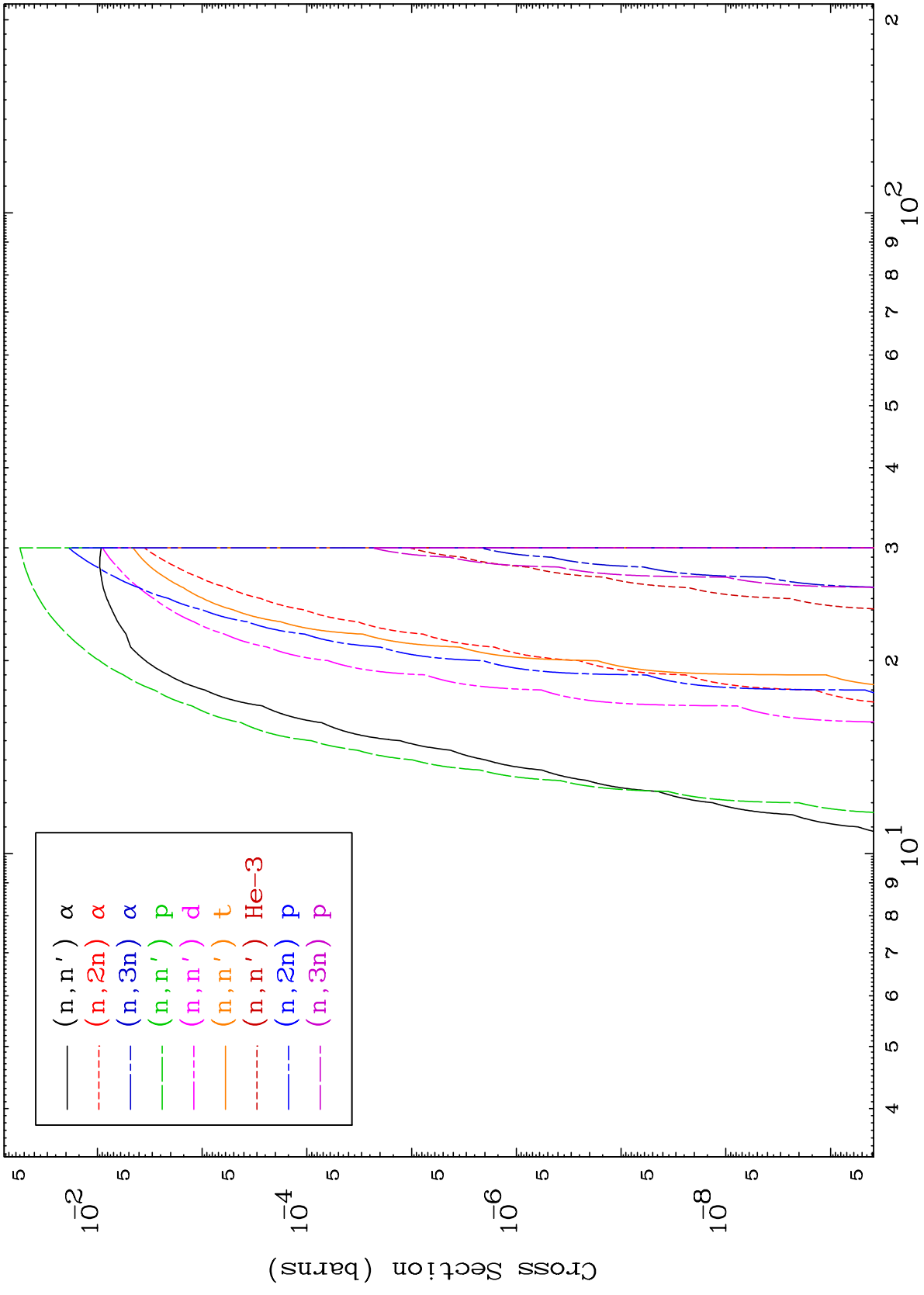


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Incident Energy (MeV)

52-Te-129

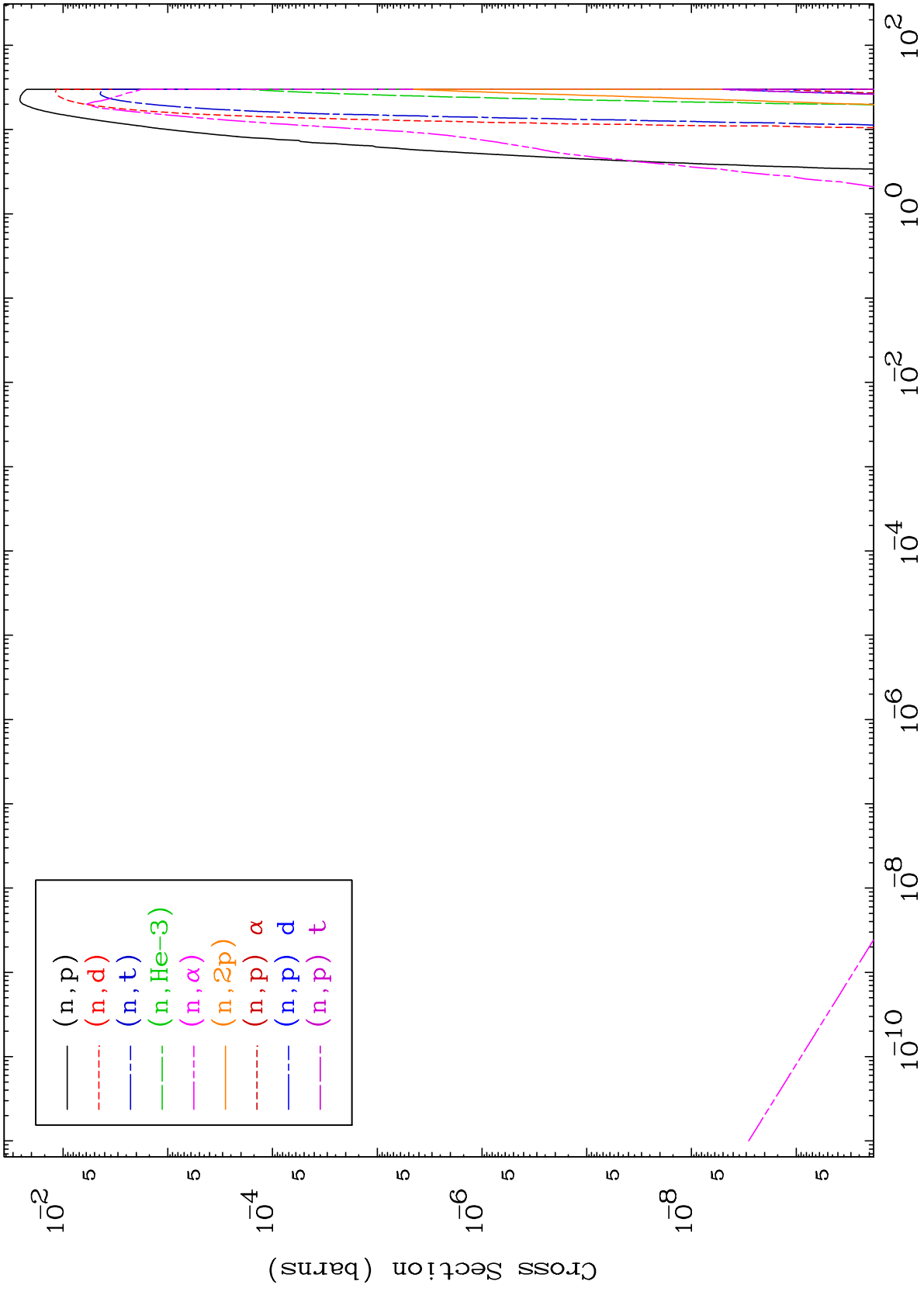




MAT 5252

293 Kelvin Cross Sections

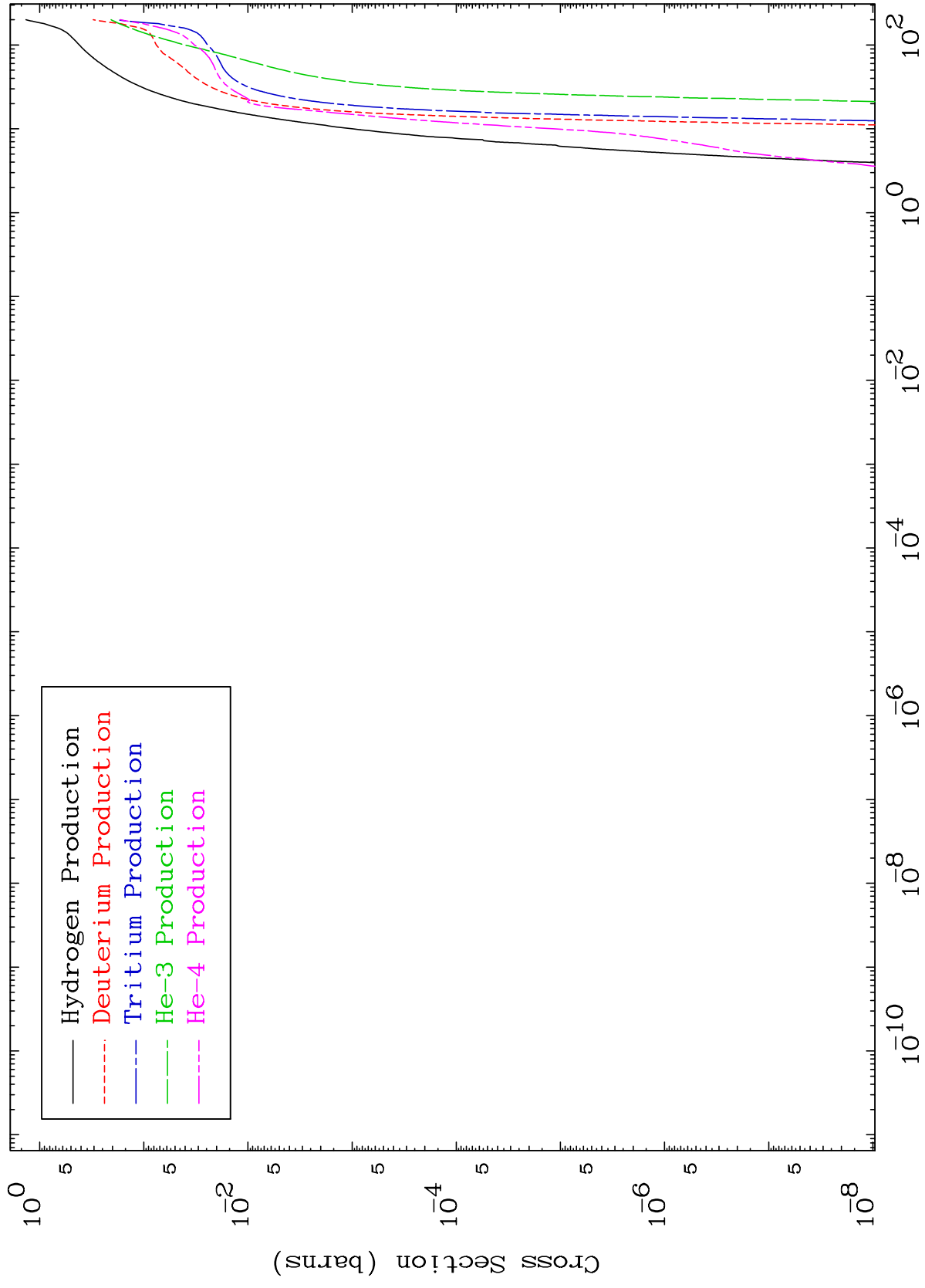
52-Te-129



MAT 5252

Particle Production
293 Kelvin Cross Sections

52-Te-129



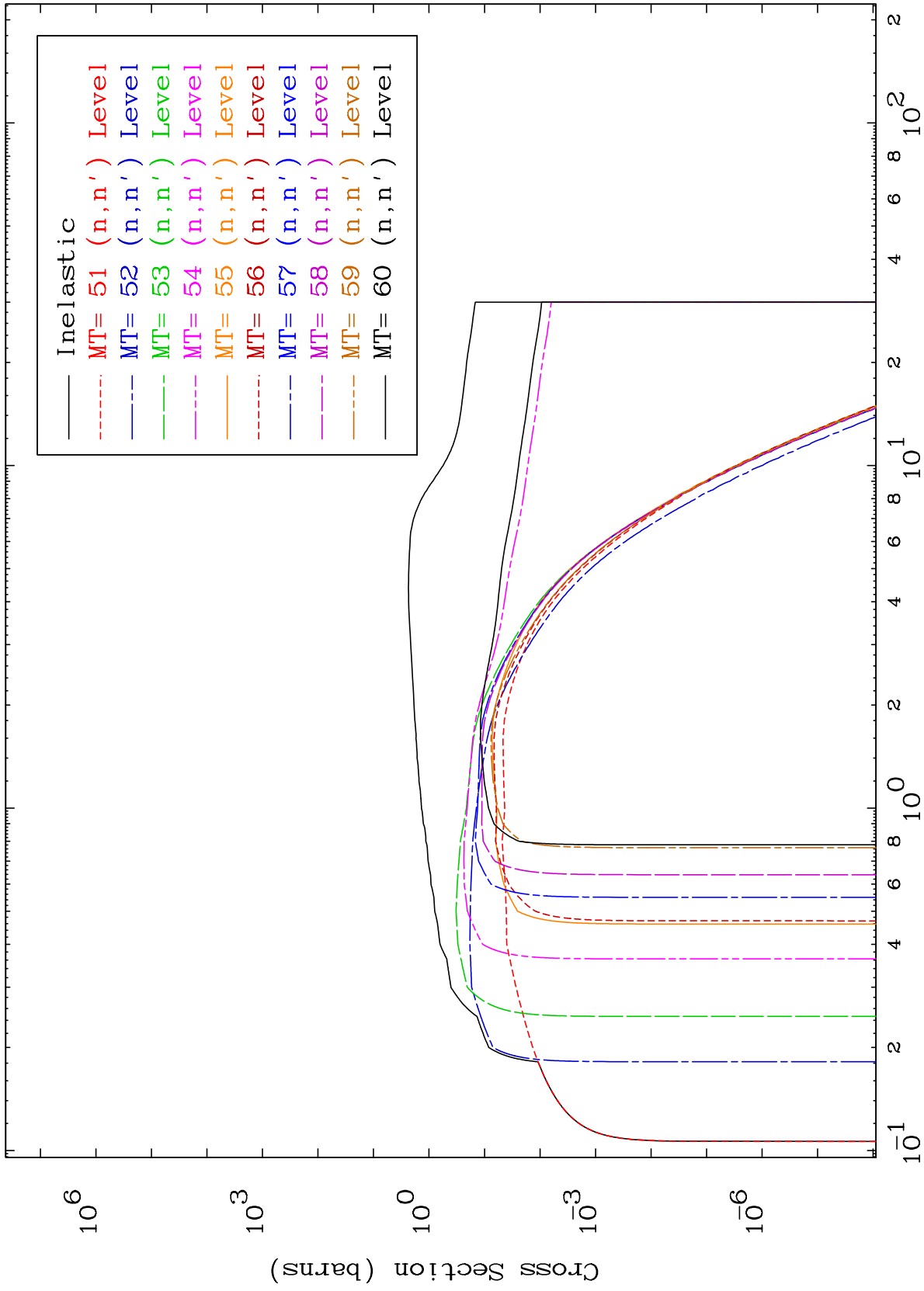
52-Te-129

MAT 5252

(n,n') Level

52-Te-129

293 Kelvin Cross Sections



Incident Energy (MeV)

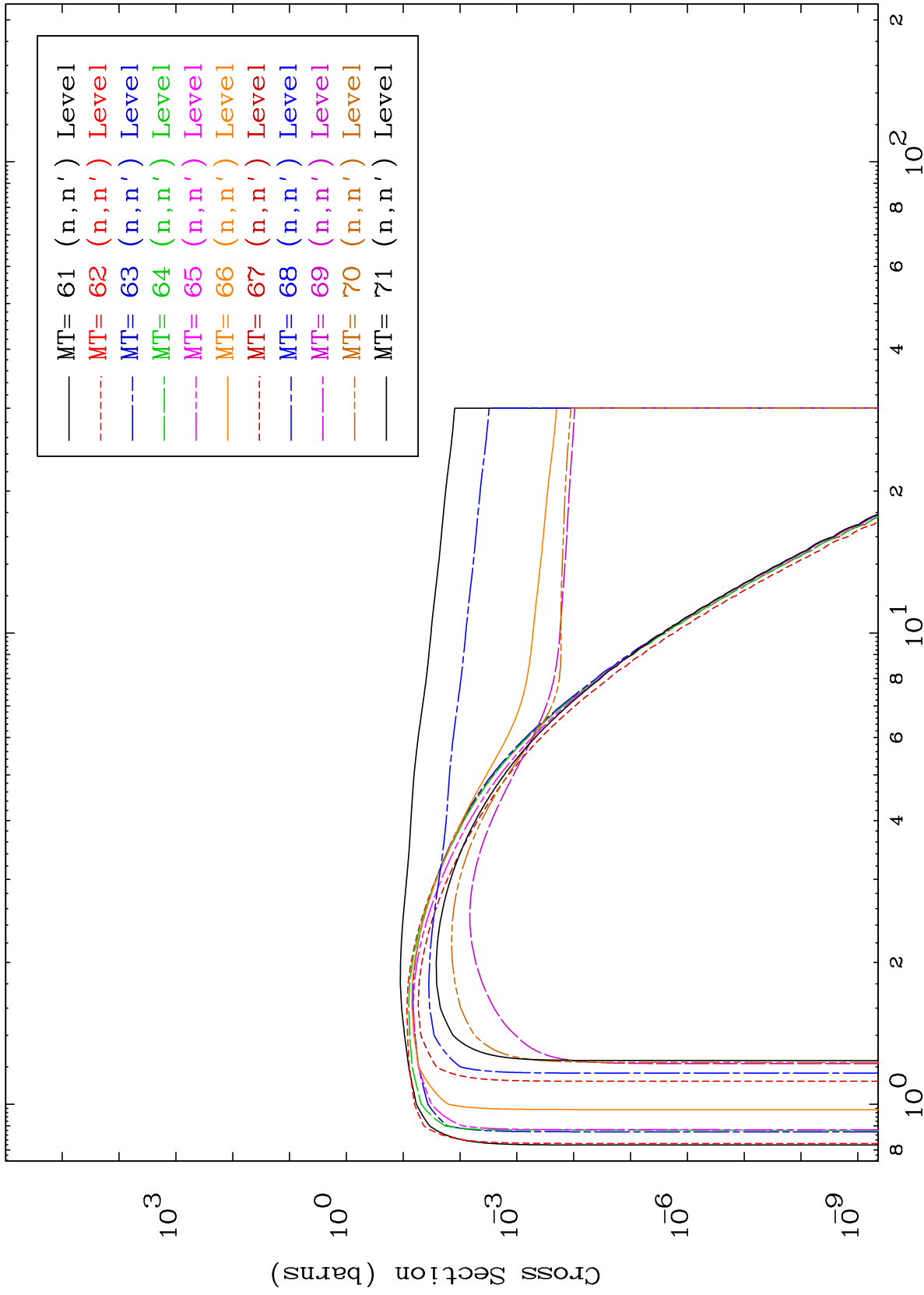
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MAT 5252

(n,n') Level

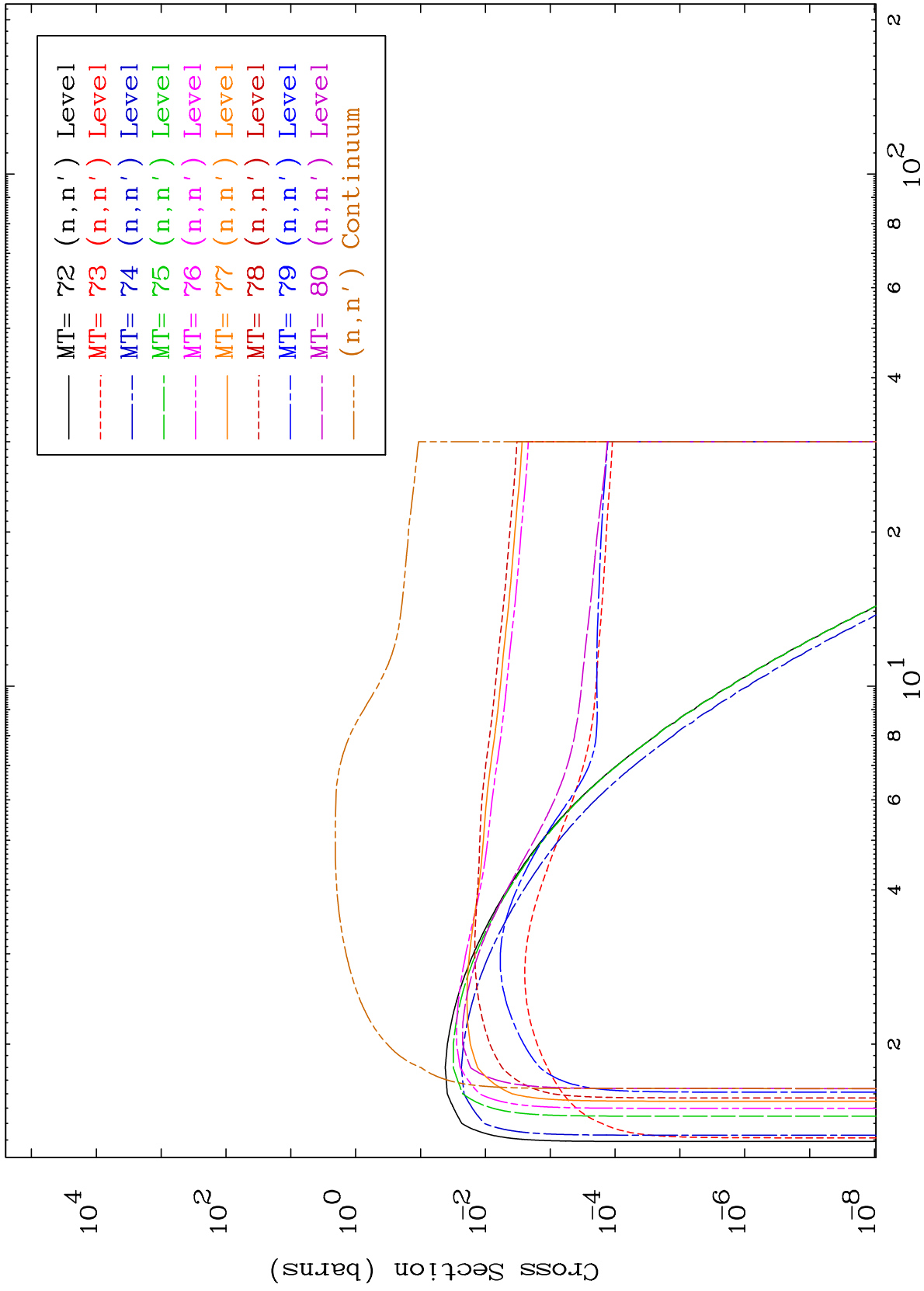
52-Te-129

293 Kelvin Cross Sections



Incident Energy (MeV)

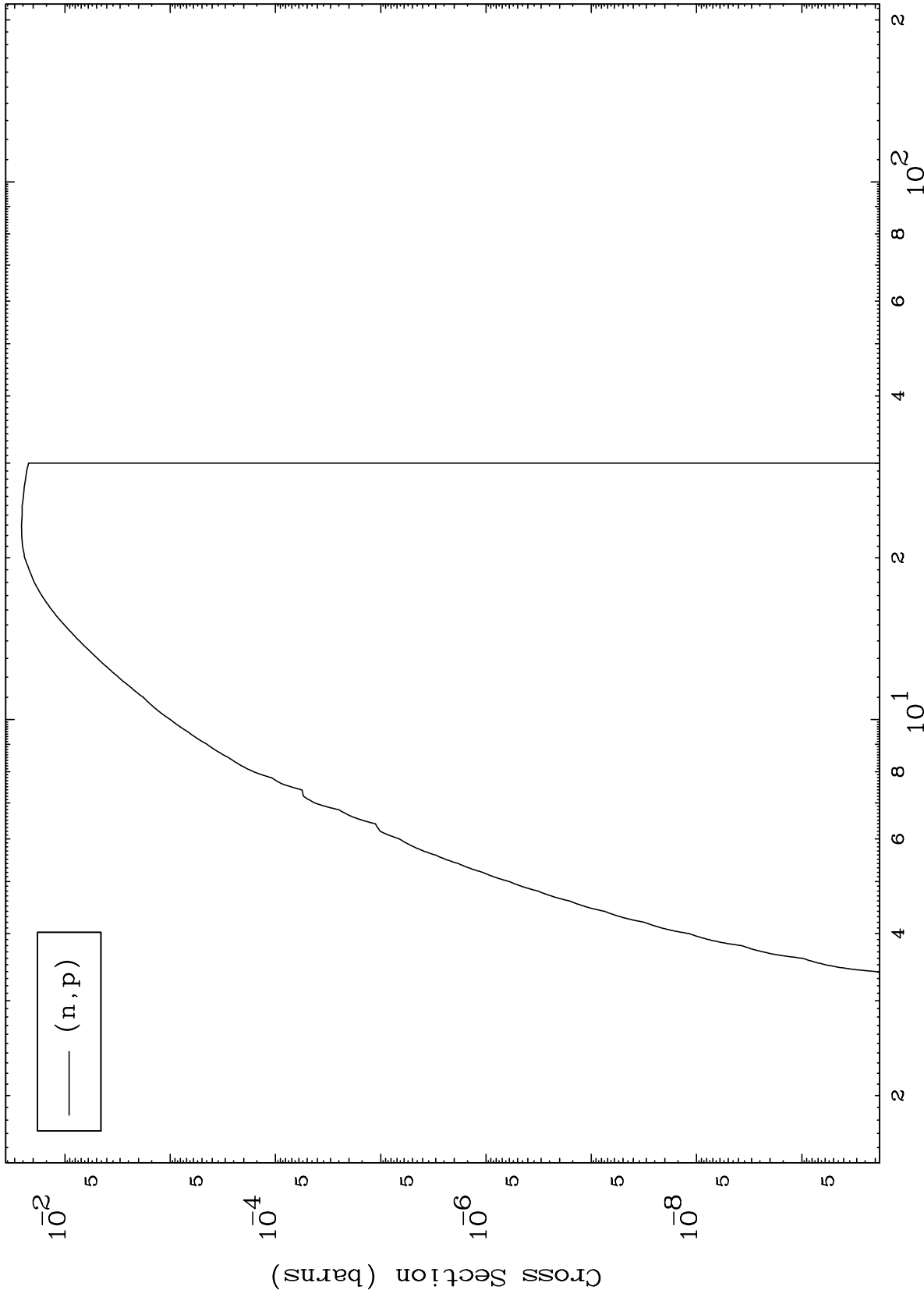
52-Te-129



MAT 5252

(n,p) Levels
293 Kelvin Cross Sections

52-Te-129



10

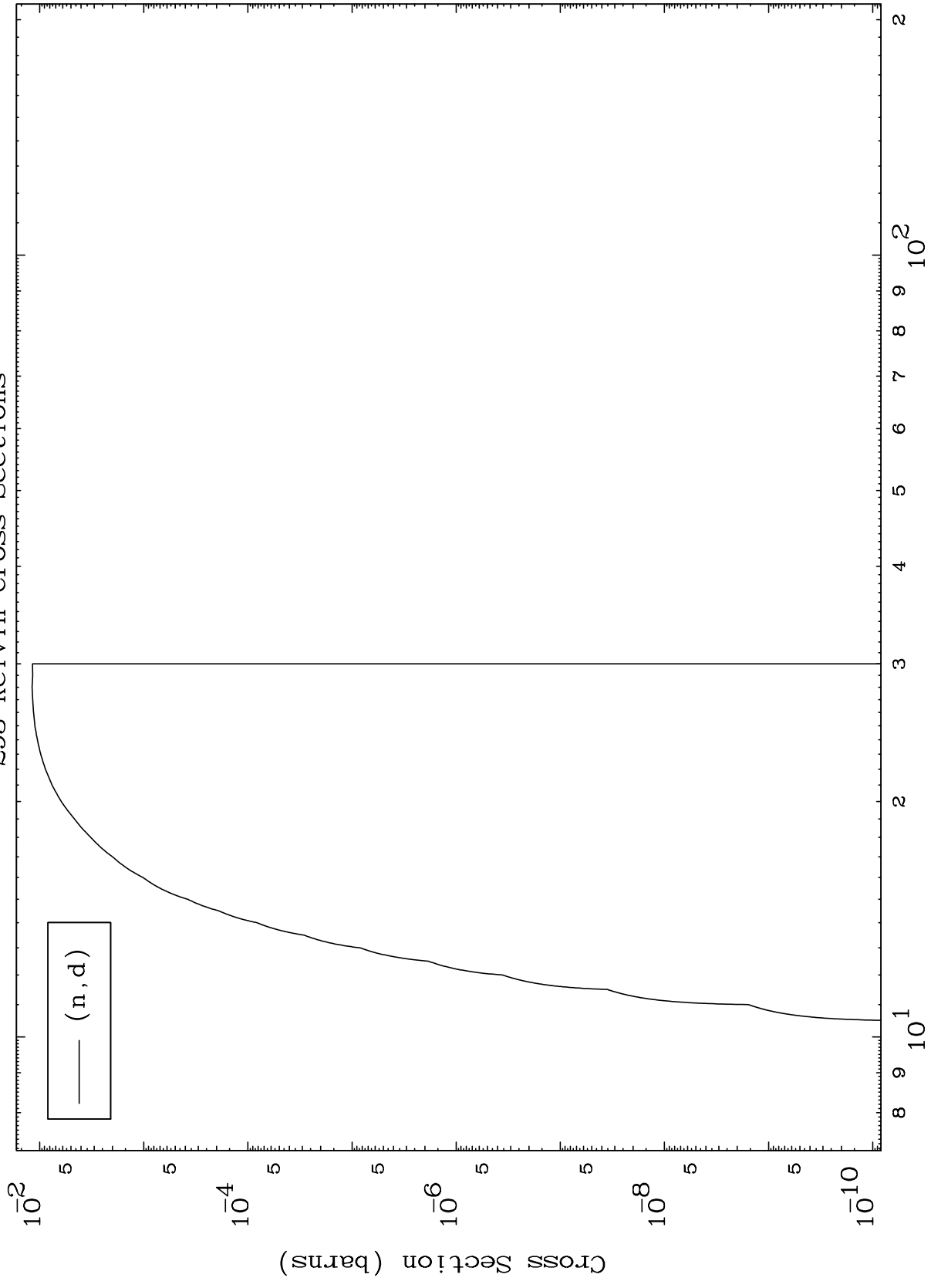
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,d) Levels
293 Kelvin Cross Sections

52-Te-129



11

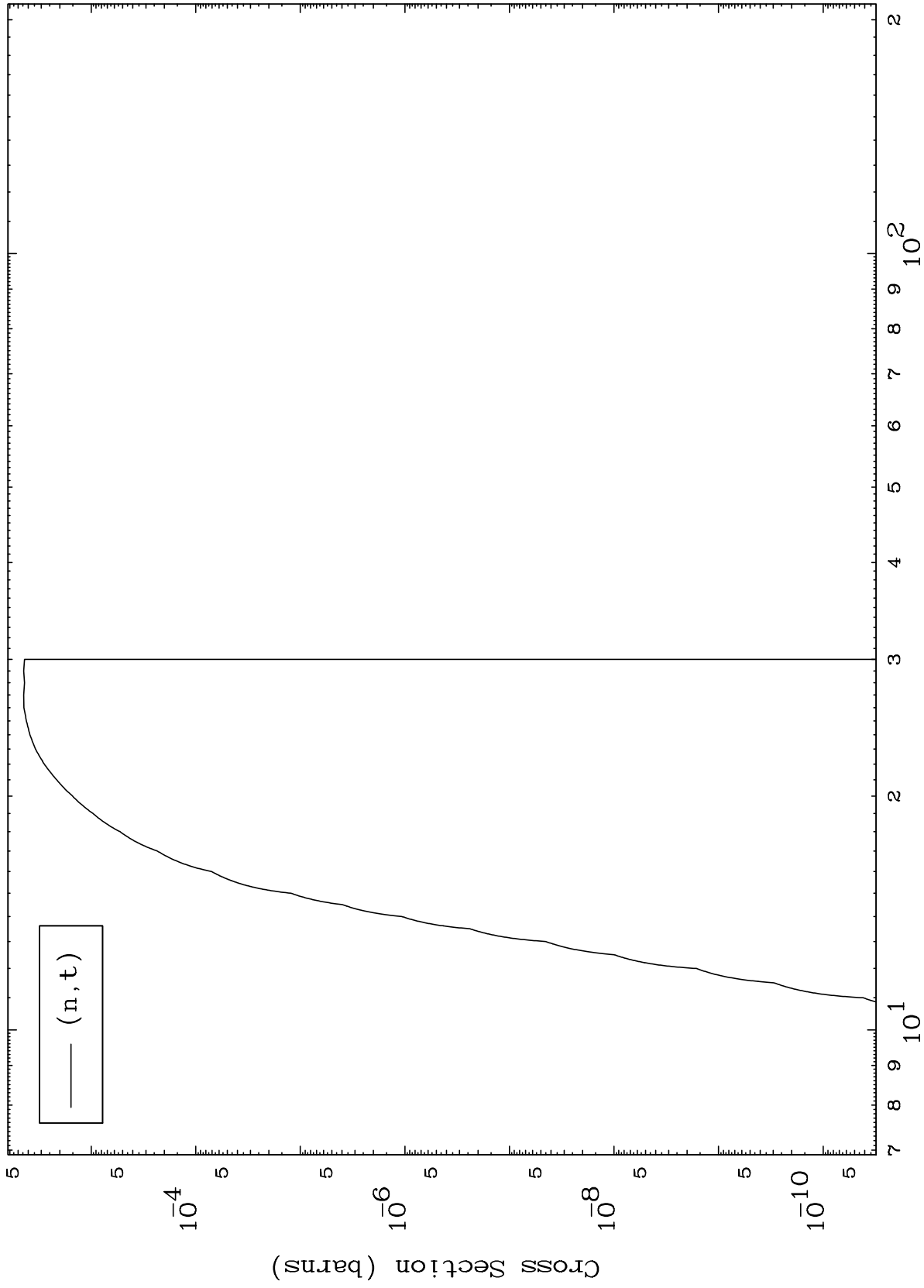
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,t) Levels
293 Kelvin Cross Sections

52-Te-129



12

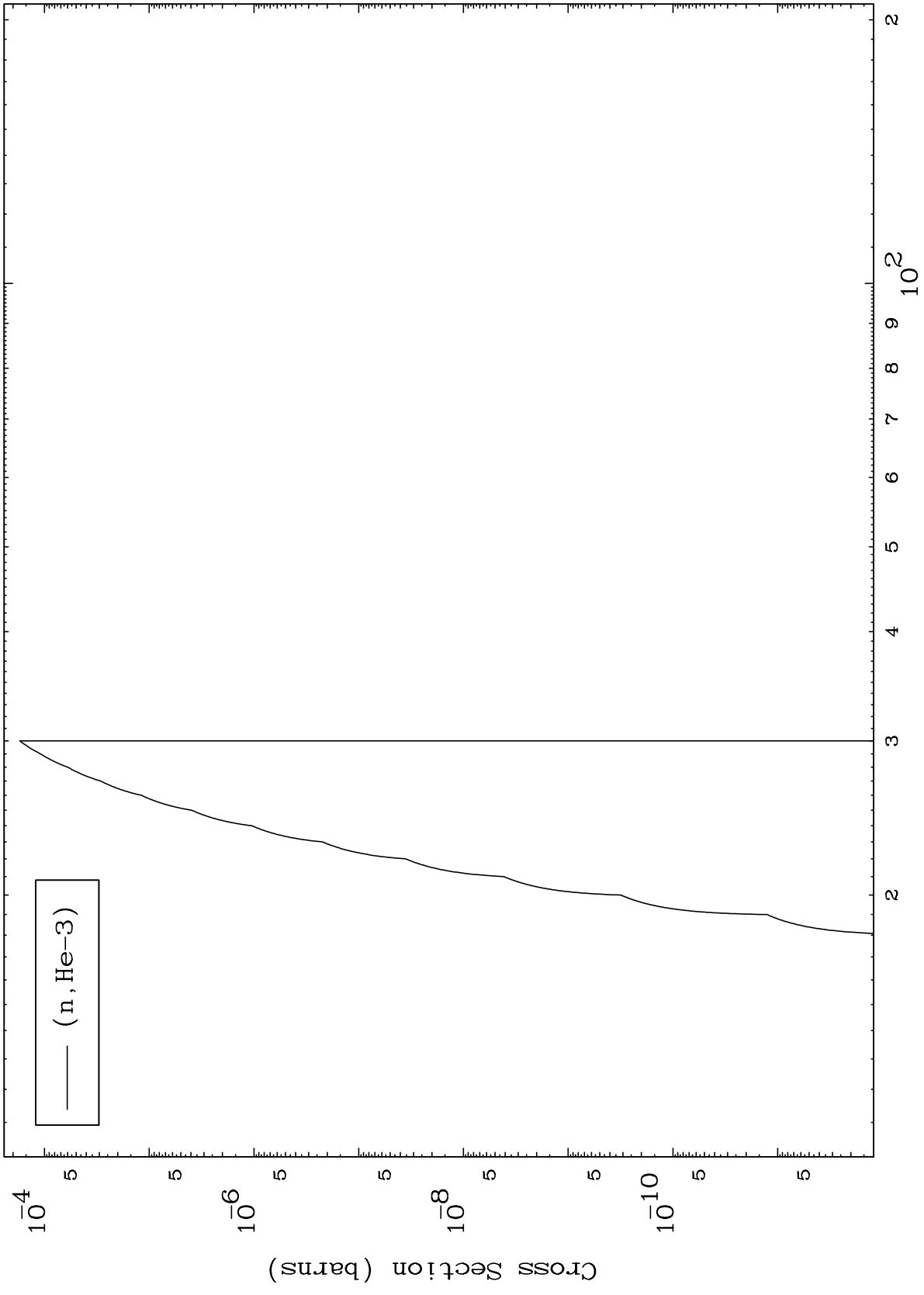
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-129



13

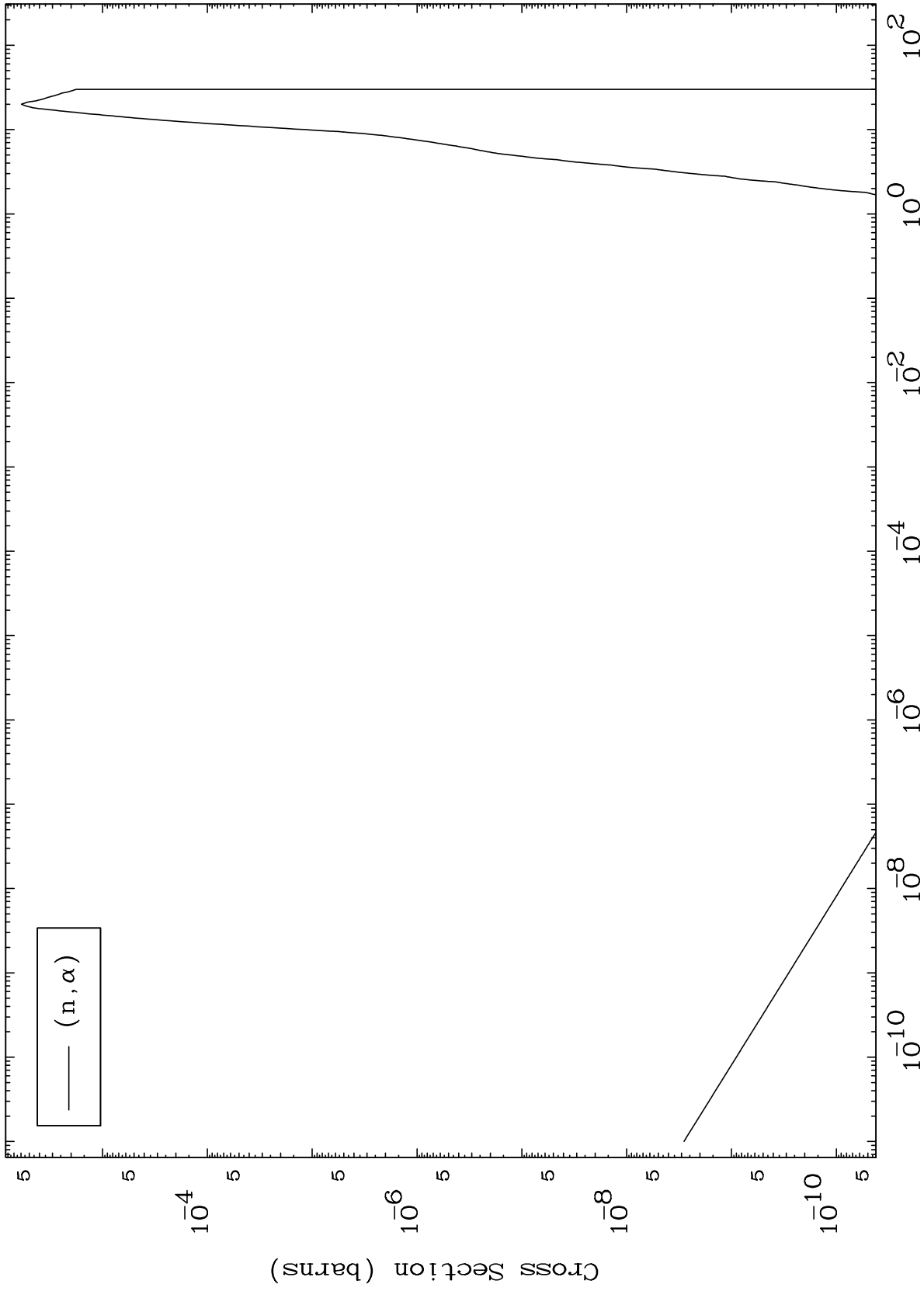
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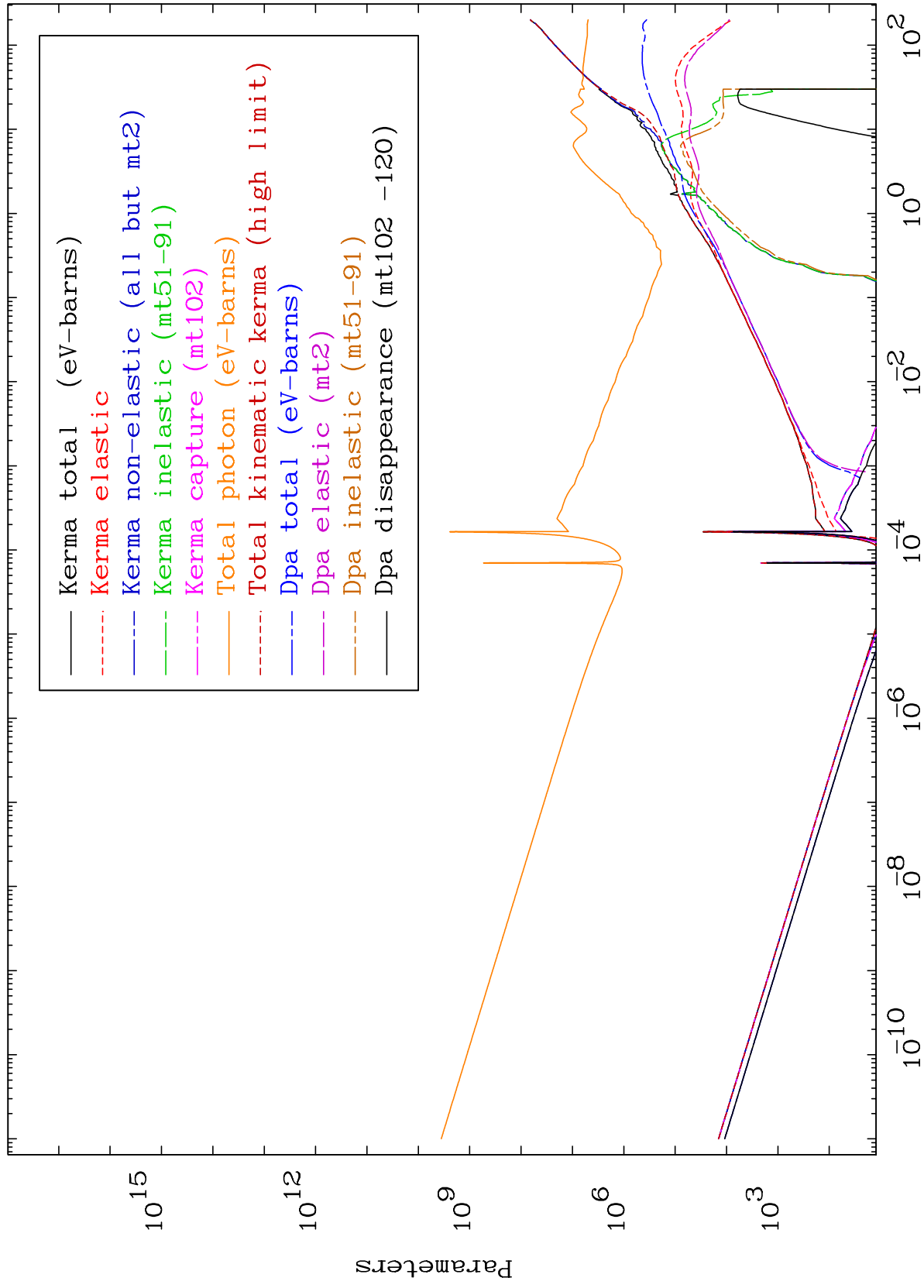
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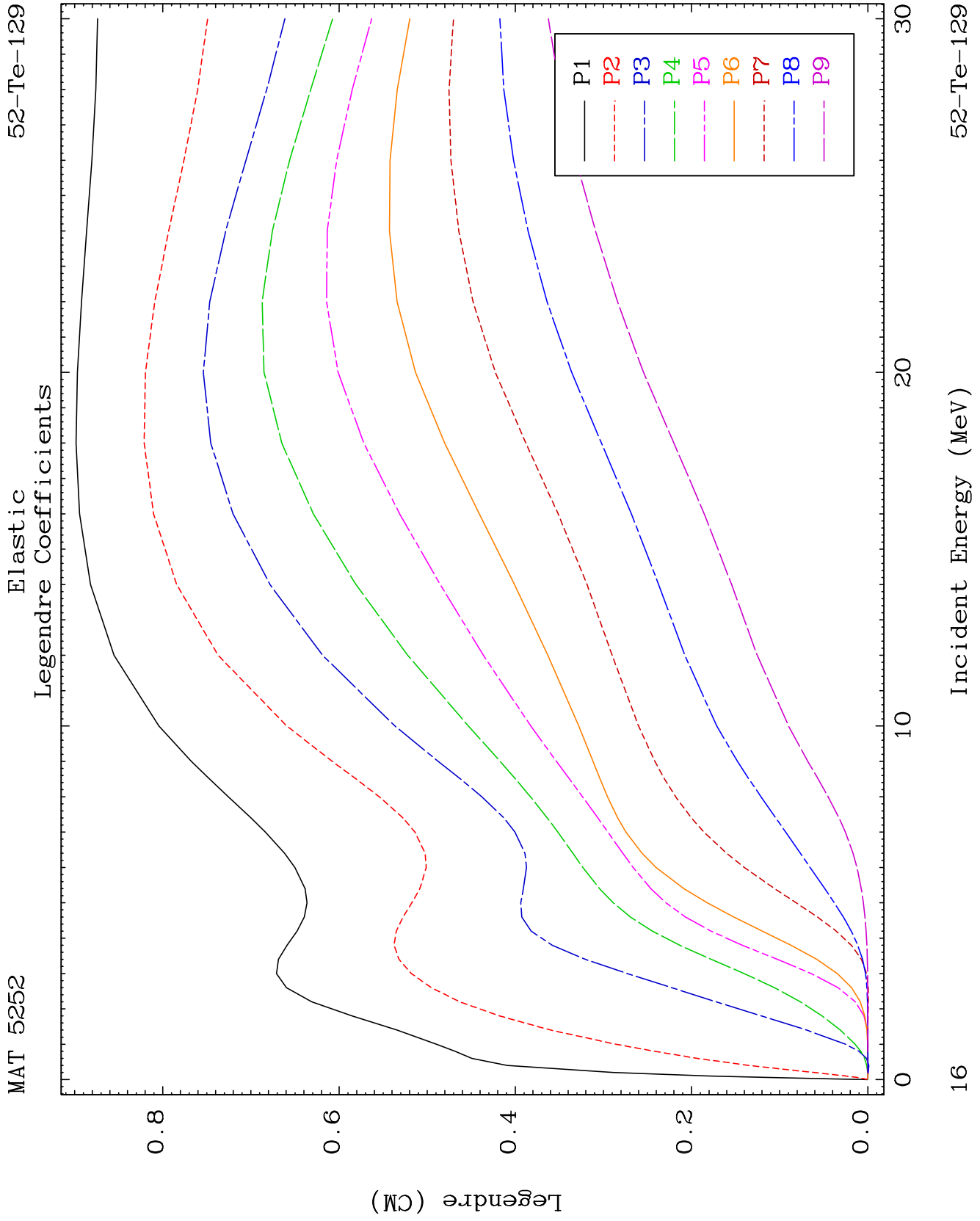
MAT 5252

(n,α) Levels
293 Kelvin Cross Sections

52-Te-129



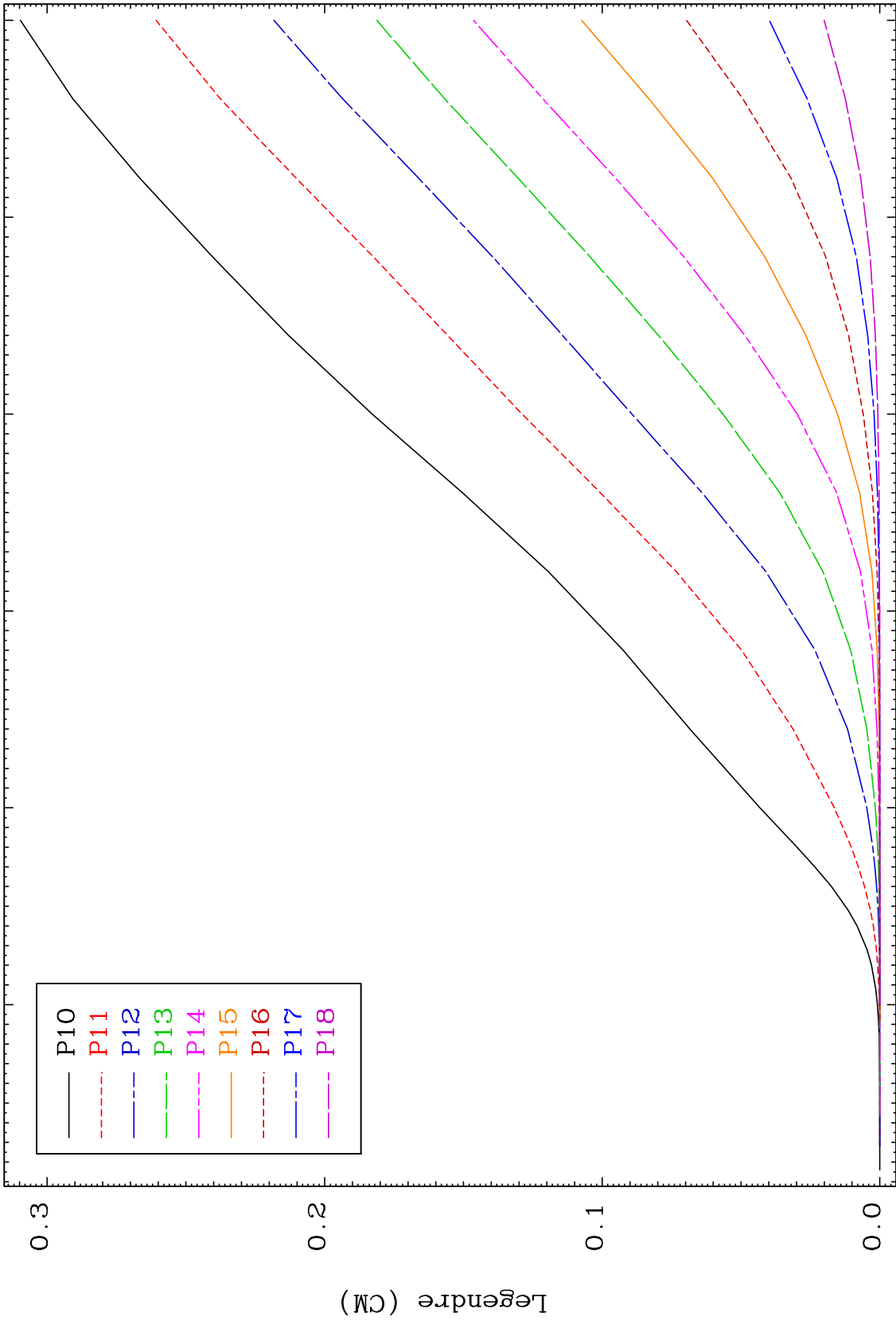




MAT 5252

Elastic Legendre Coefficients

52-Te-129



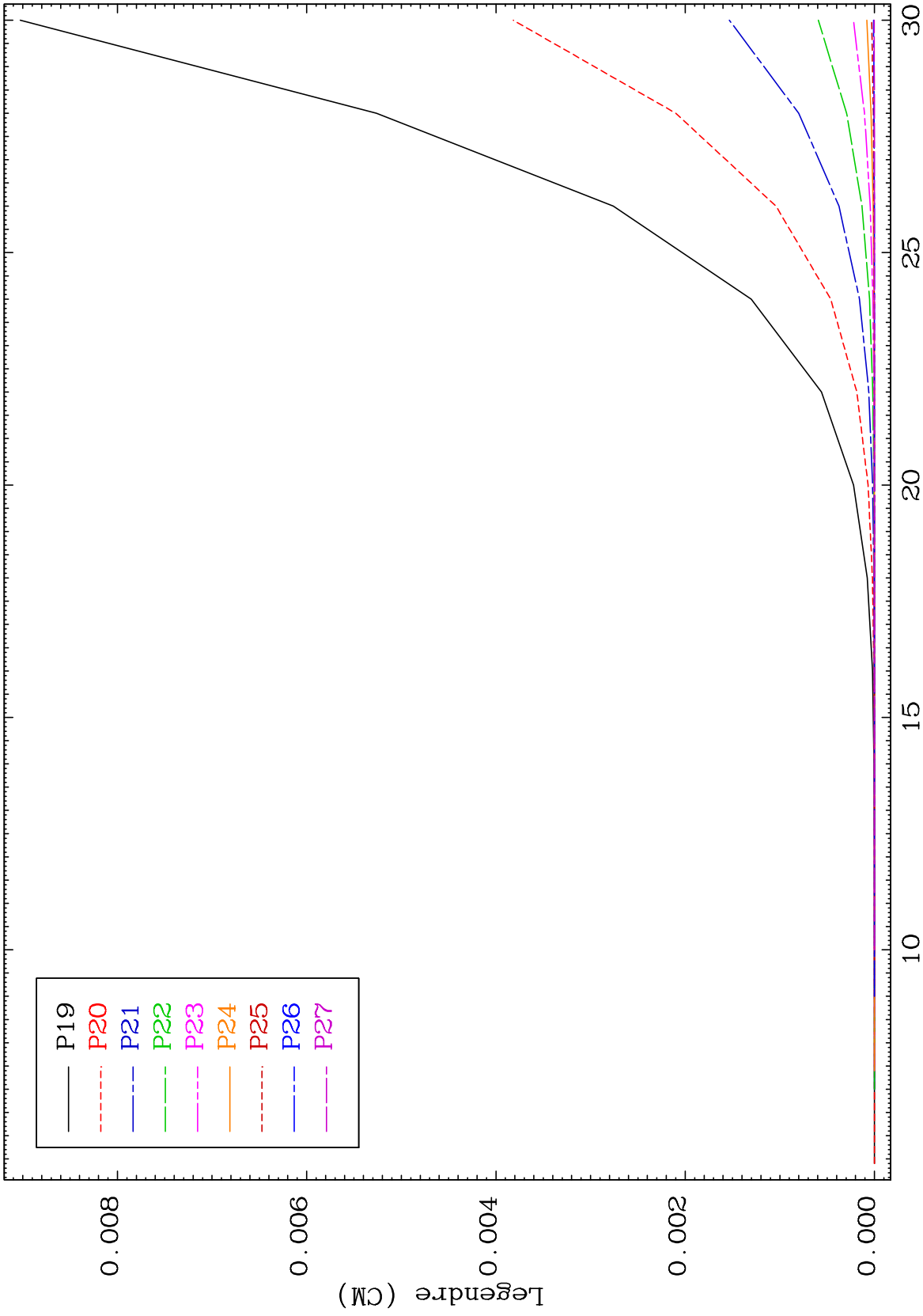
17

52-Te-129

MAT 5252

Elastic Legendre Coefficients

52-Te-129



18

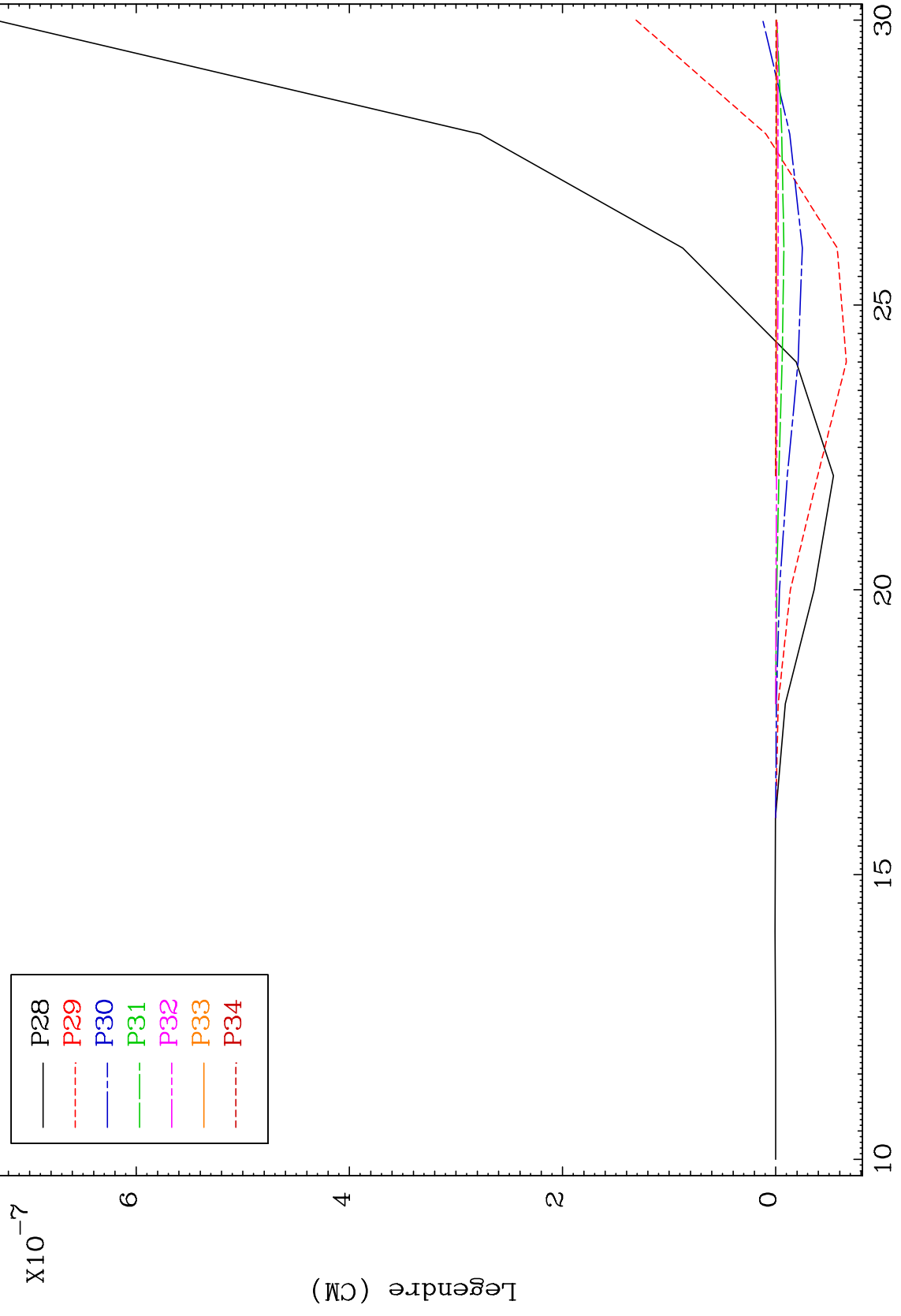
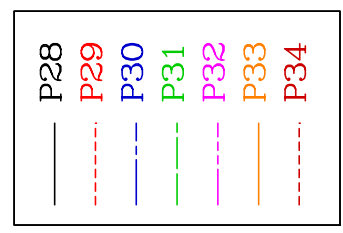
Incident Energy (MeV)

52-Te-129

MAT 5252

Elastic Legendre Coefficients

52-Te-129



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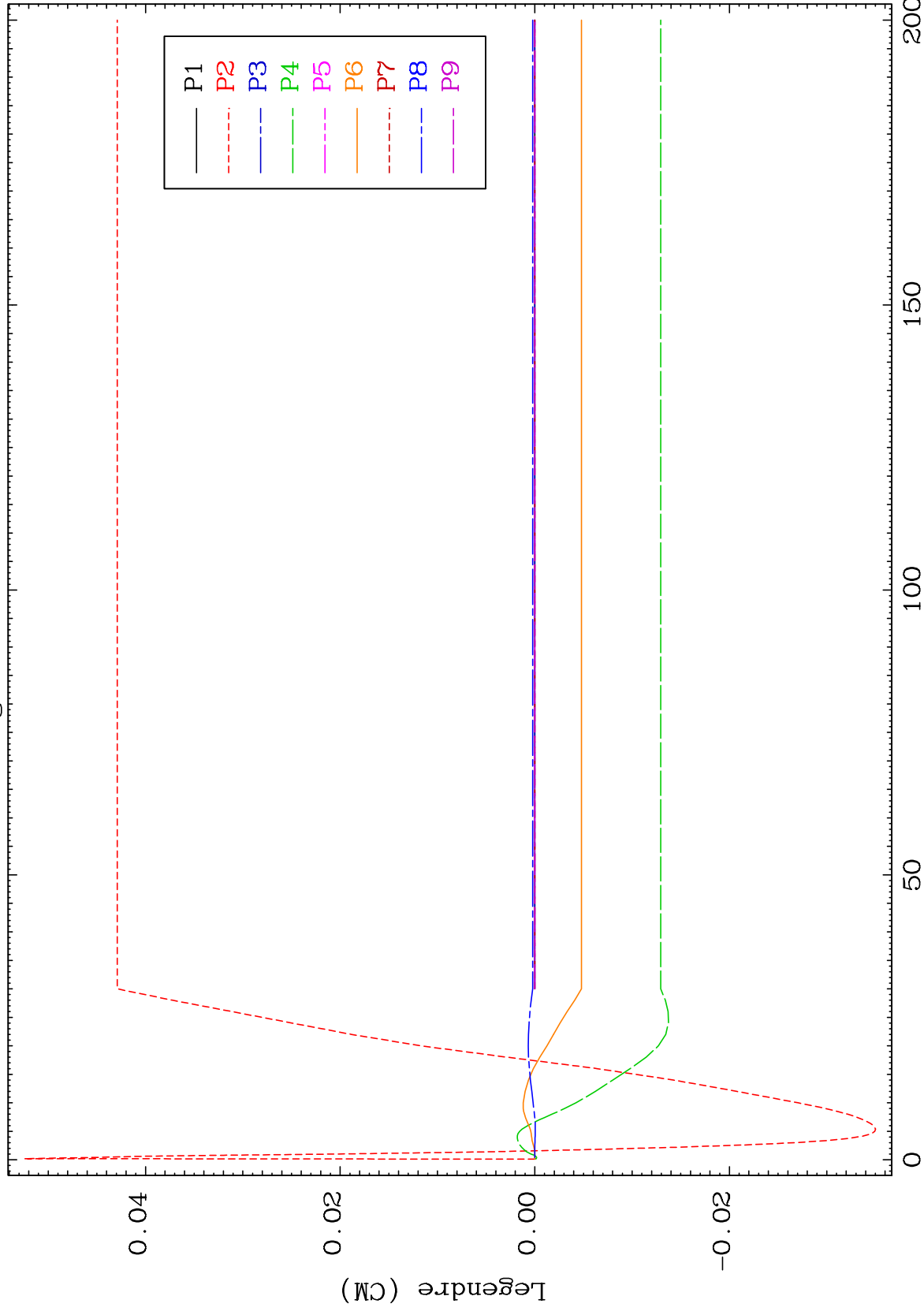
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



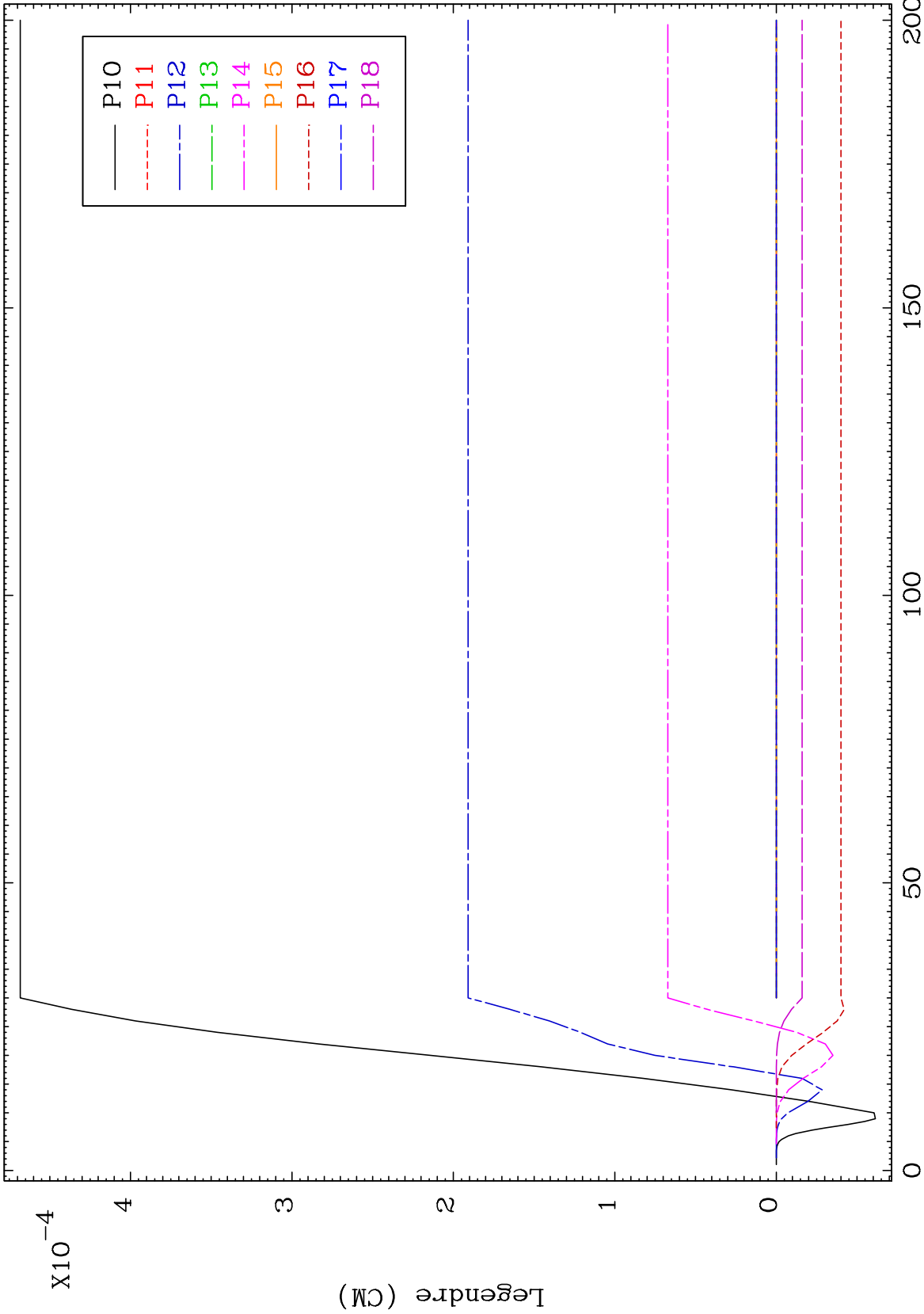
52-Te-129

Incident Energy (MeV)

MAT 5252

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

52-Te-129



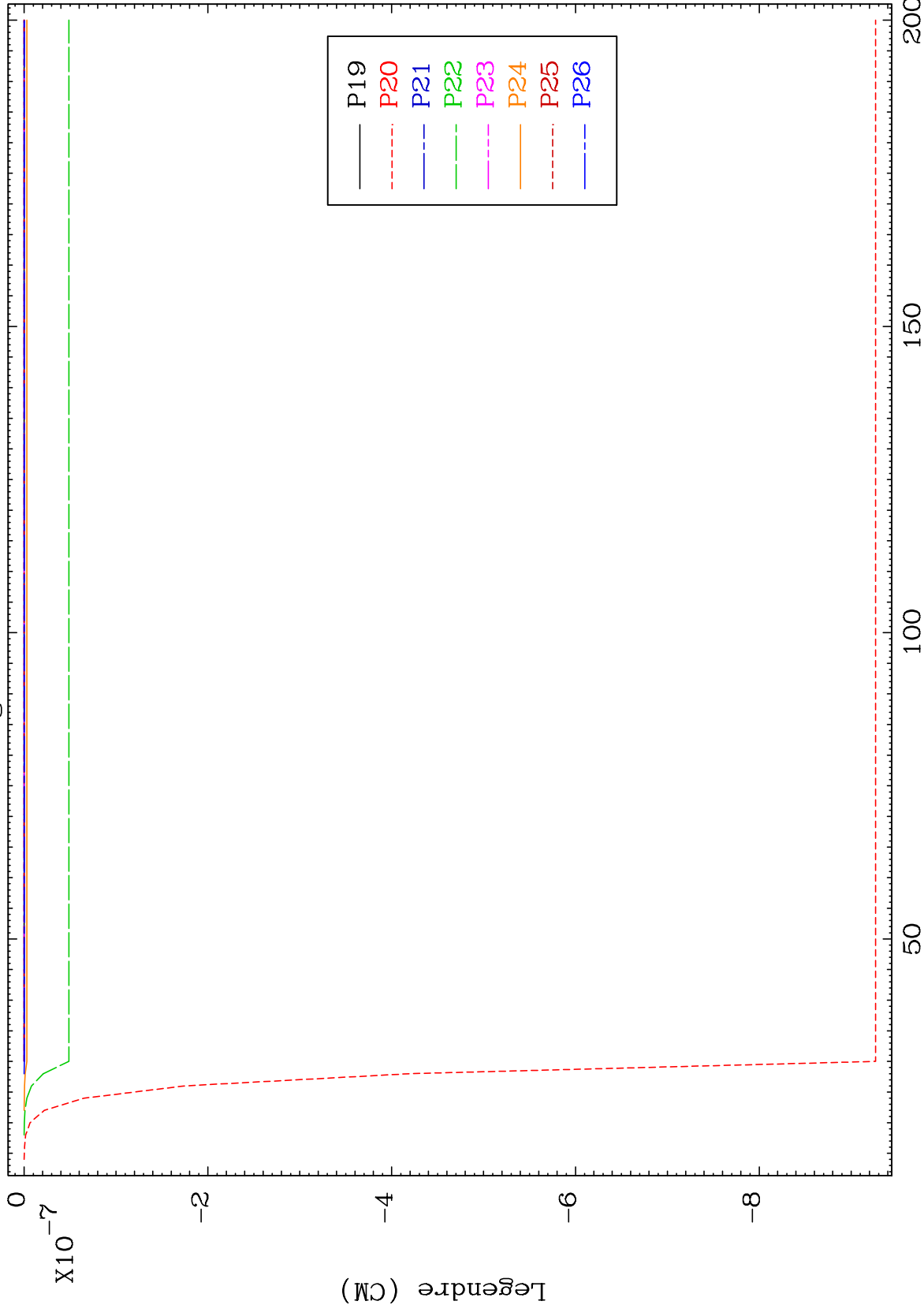
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52-Te-129

MAT 5252

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

52-Te-129

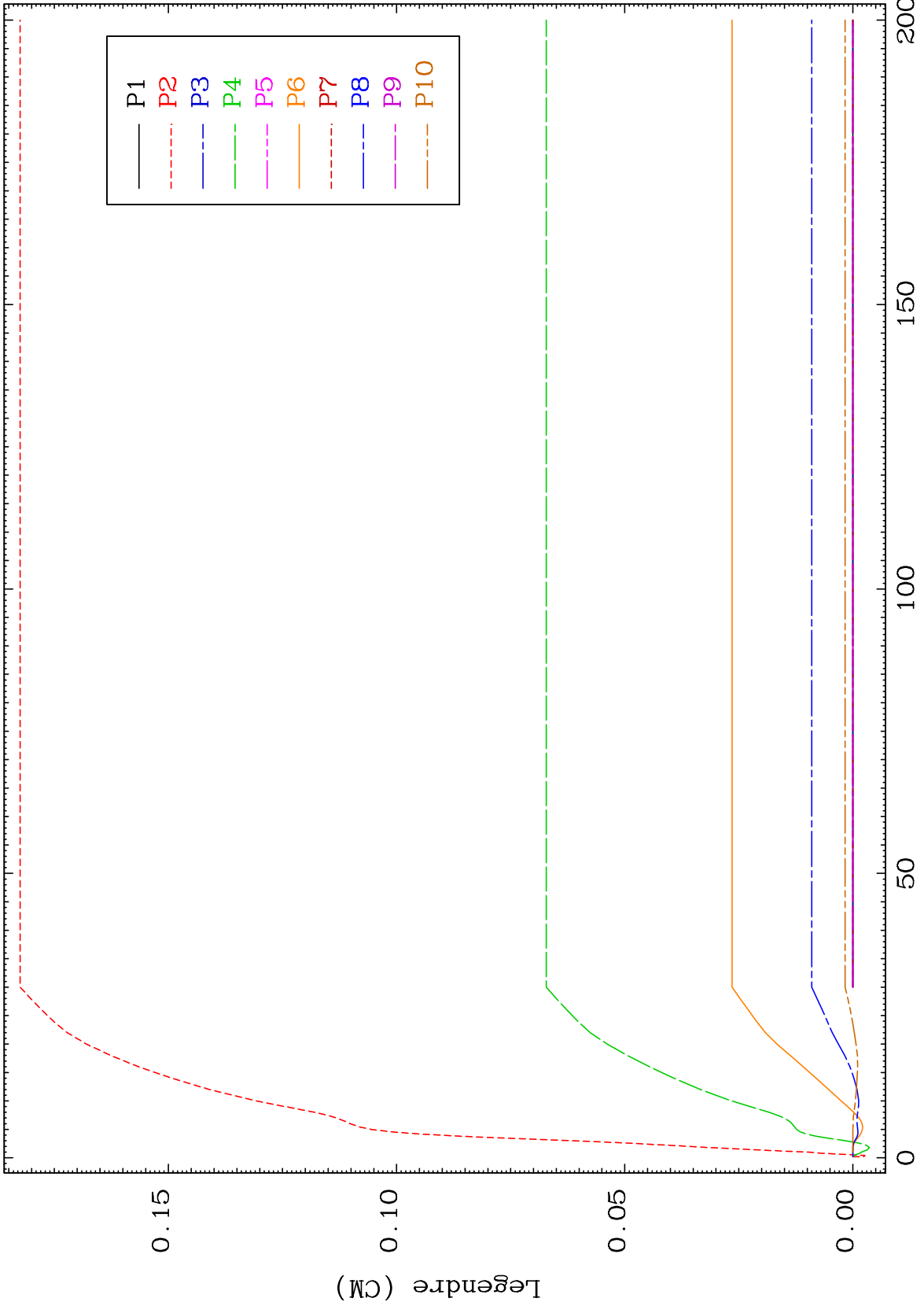


52-Te-129

Incident Energy (MeV)

22

MAT 5252 MT= 52 (n,n') Level Legendre Coefficients 52-Te-129

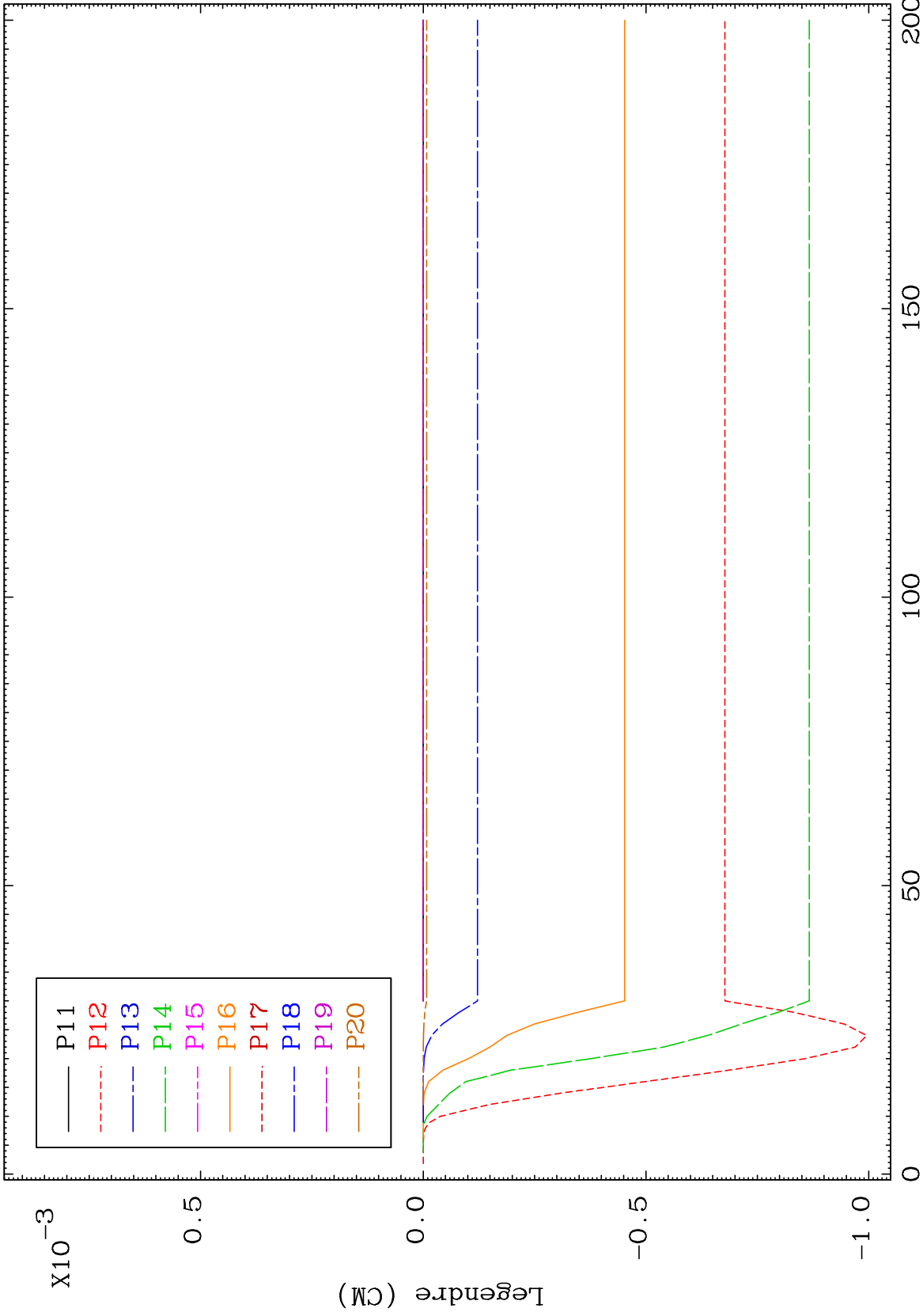


23 52-Te-129

MAT 5252

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

52-Te-129

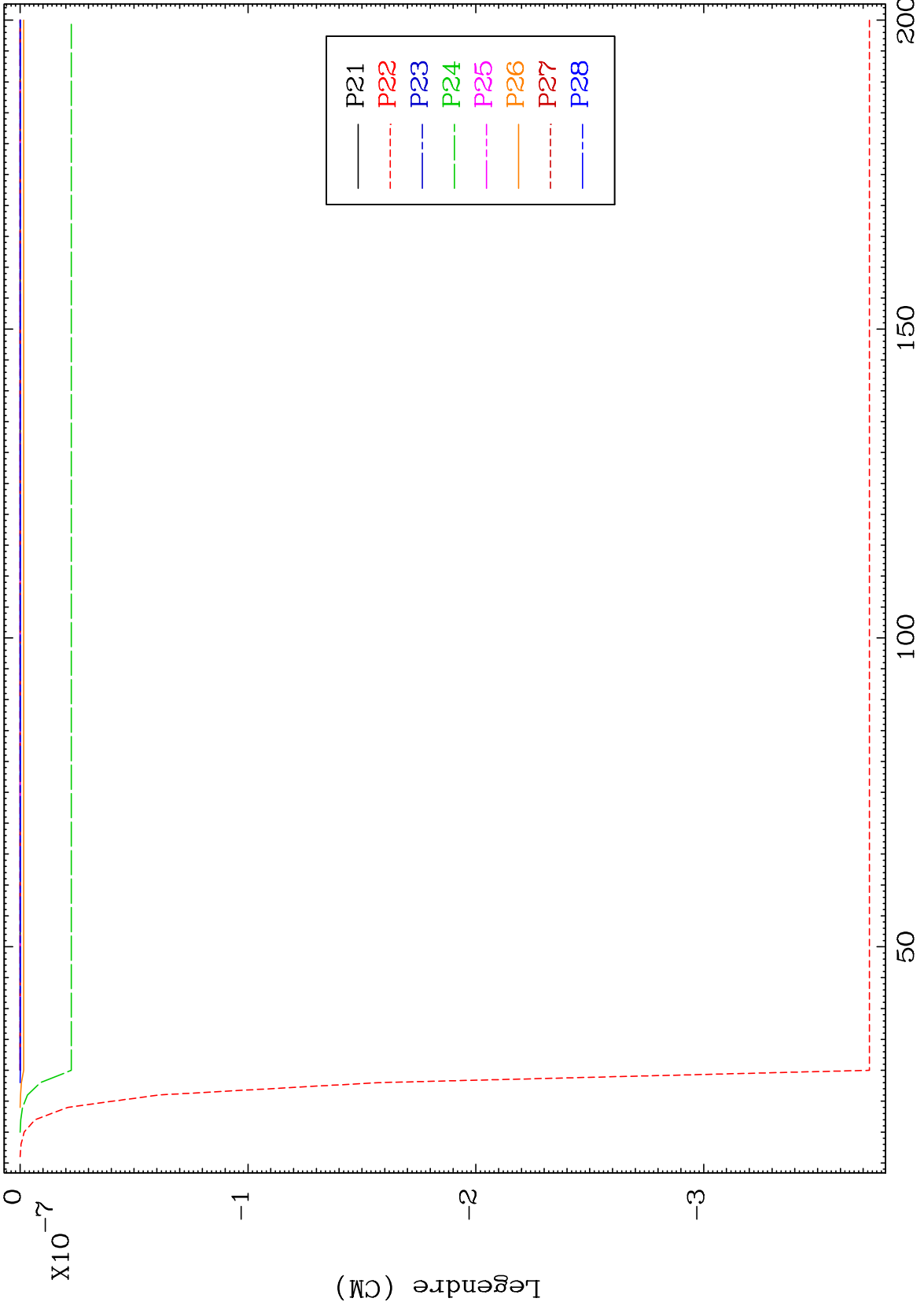


24

Incident Energy (MeV)

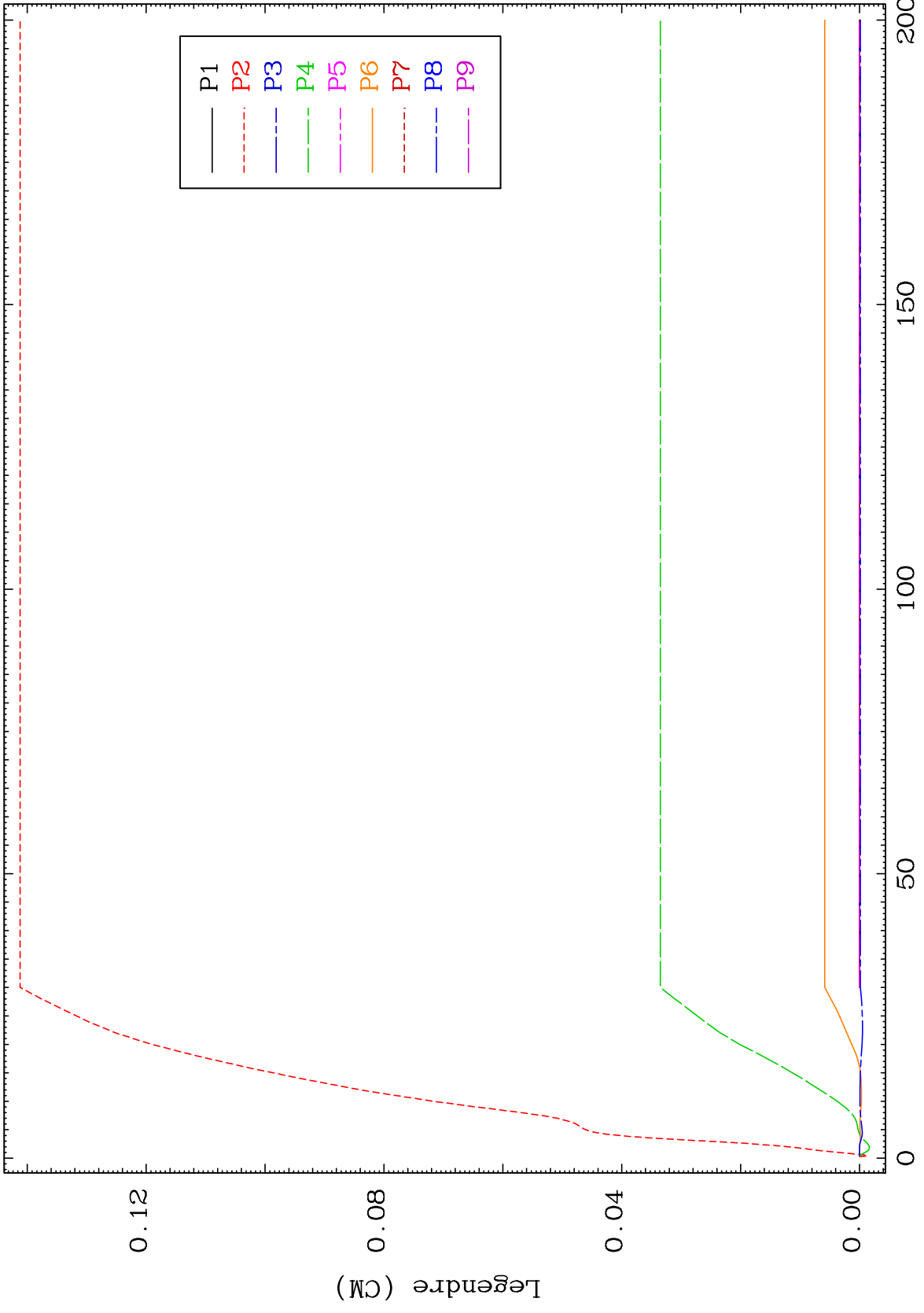
52-Te-129

MAT 5252 MT= 52 (n,n') Level Legendre Coefficients 52-Te-129



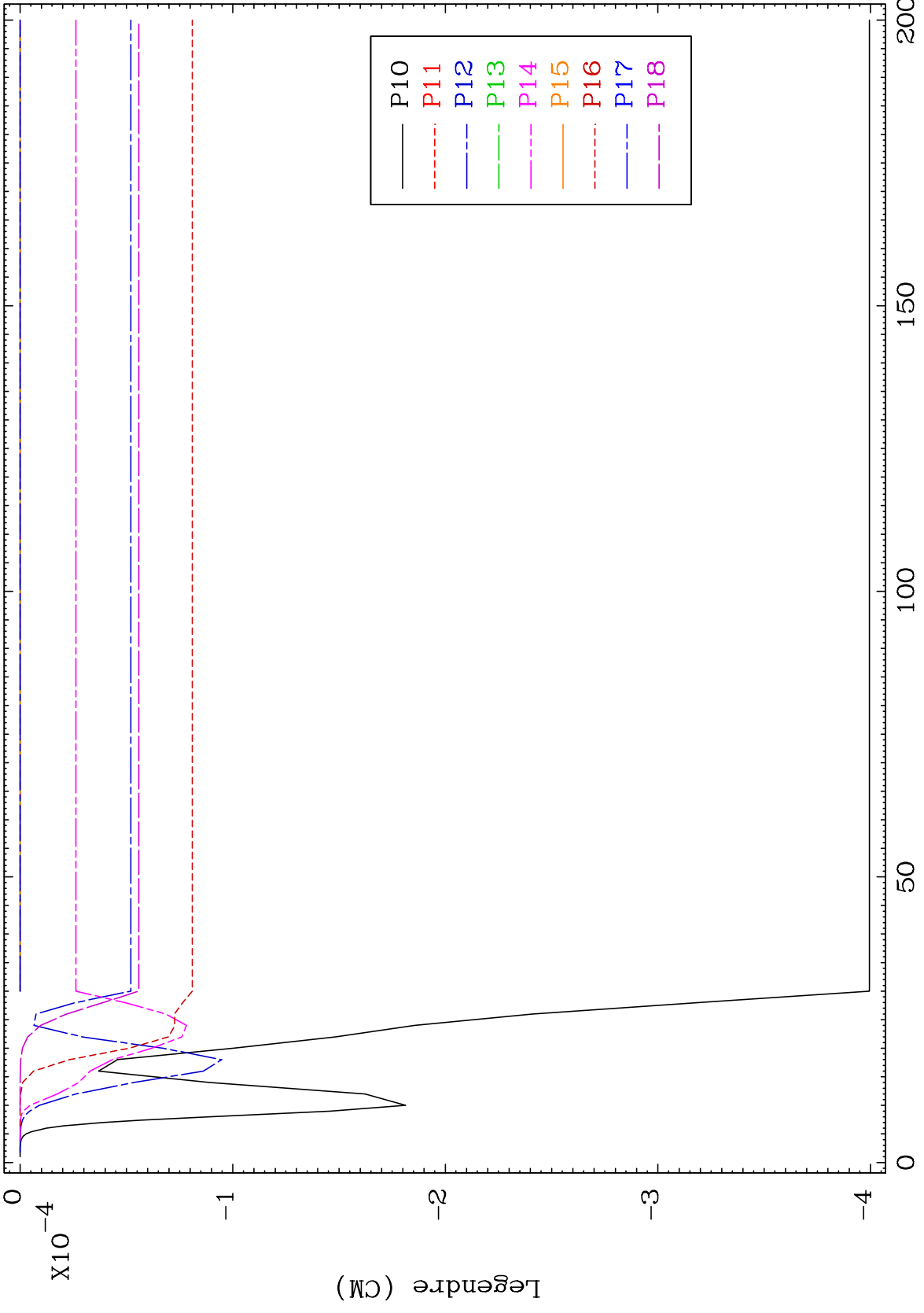
25 Incident Energy (MeV) 52-Te-129

MAT 5252 MT= 53 (n,n') Level Legendre Coefficients 52-Te-129



26 52-Te-129

MAT 5252 MT= 53 (n,n') Level Legendre Coefficients 52-Te-129

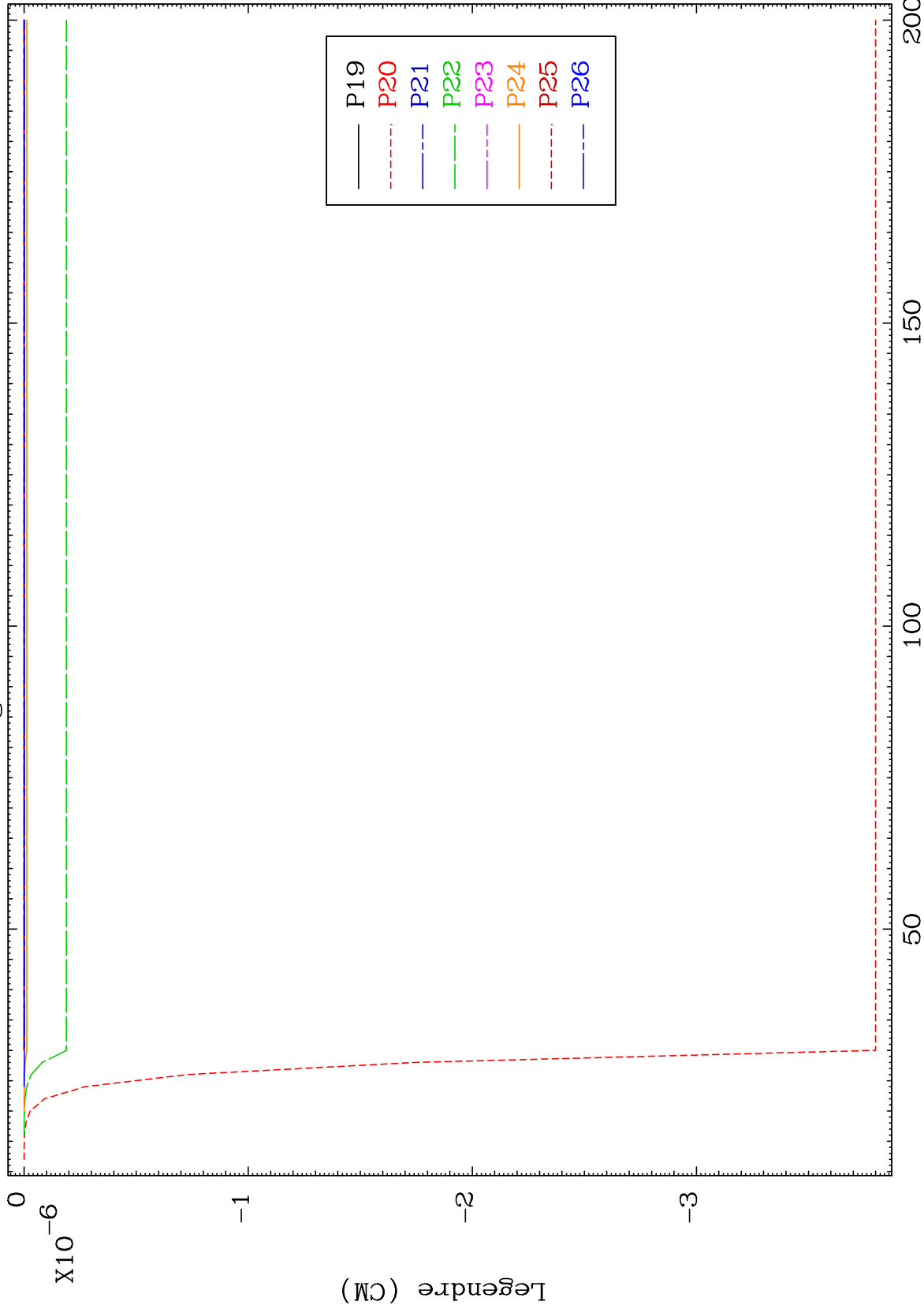


27 52-Te-129

MAT 5252

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

52-Te-129

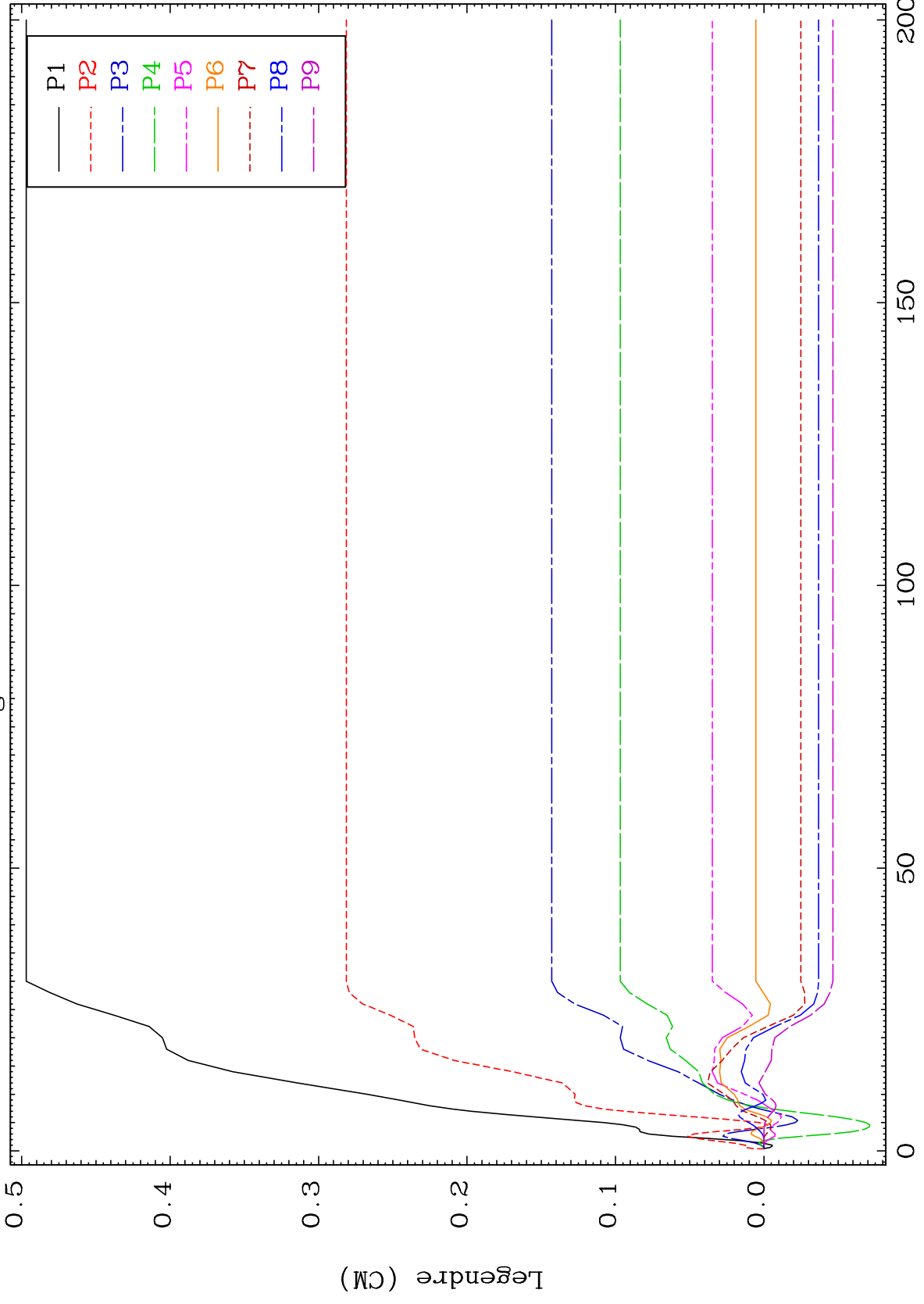


52-Te-129

Incident Energy (MeV)

28

MAT 5252 MT= 54 (n,n') Level Legendre Coefficients 52-Te-129

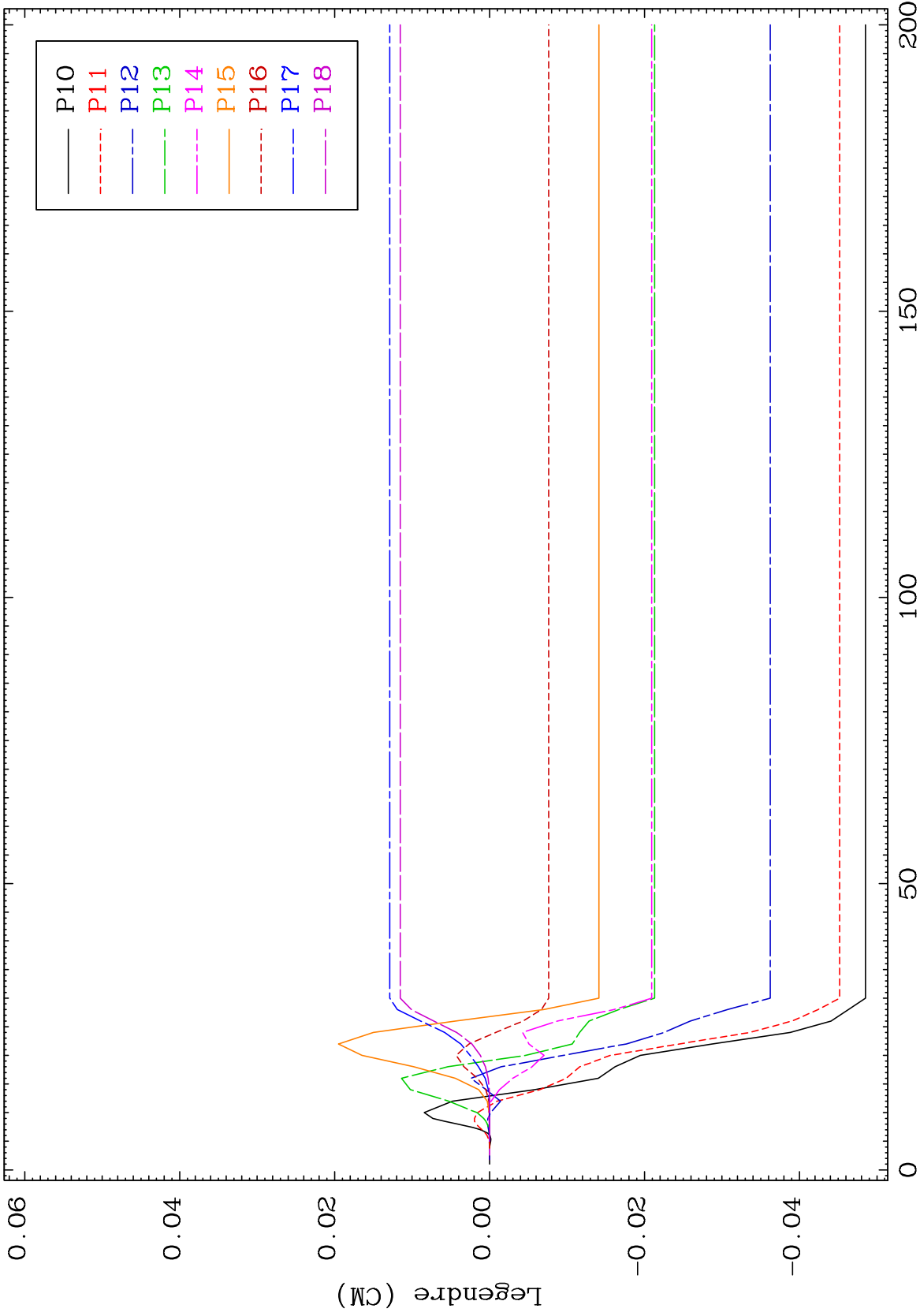


29 52-Te-129

MAT 5252

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

52-Te-129



0

50

100

150

200

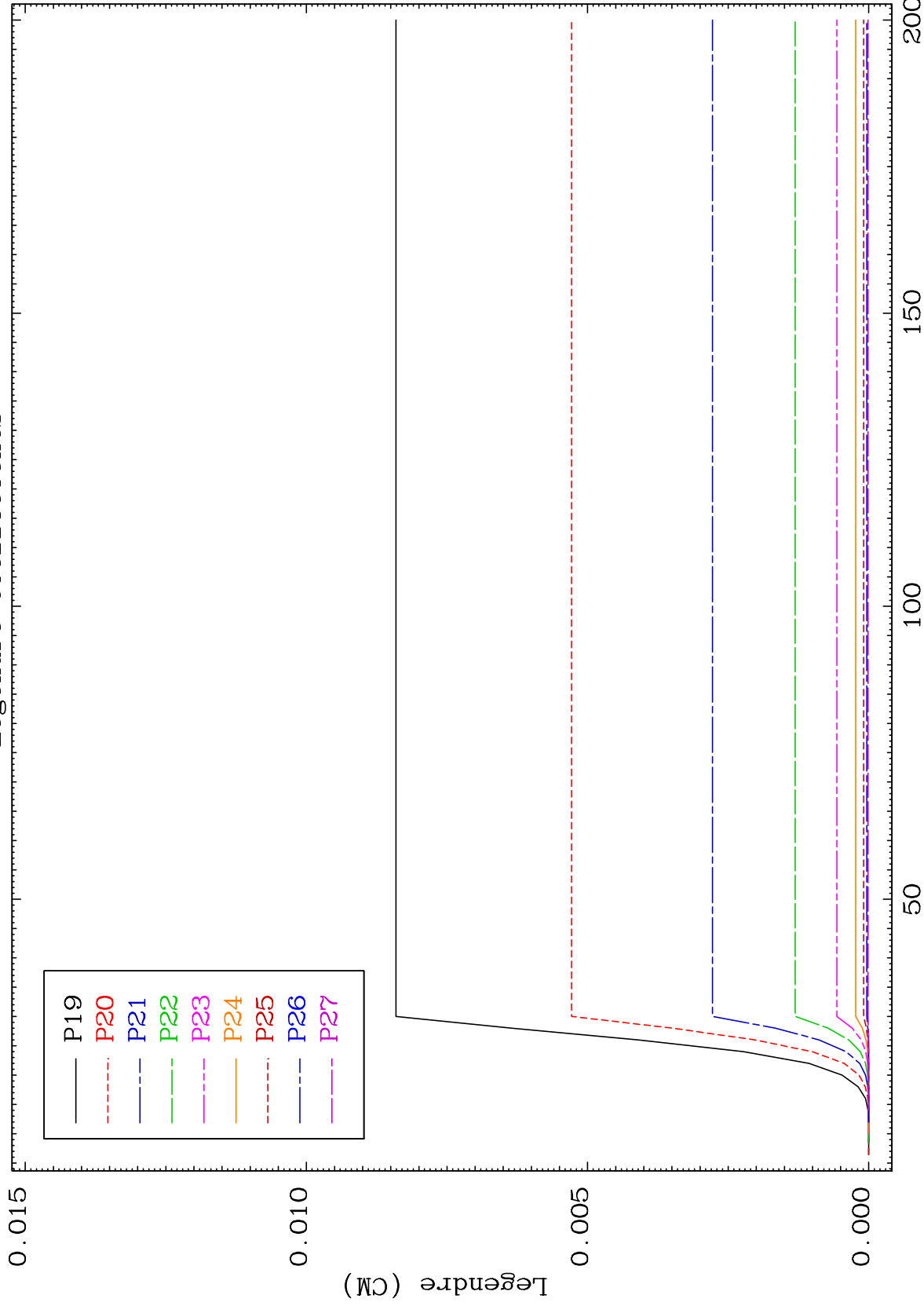
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



31

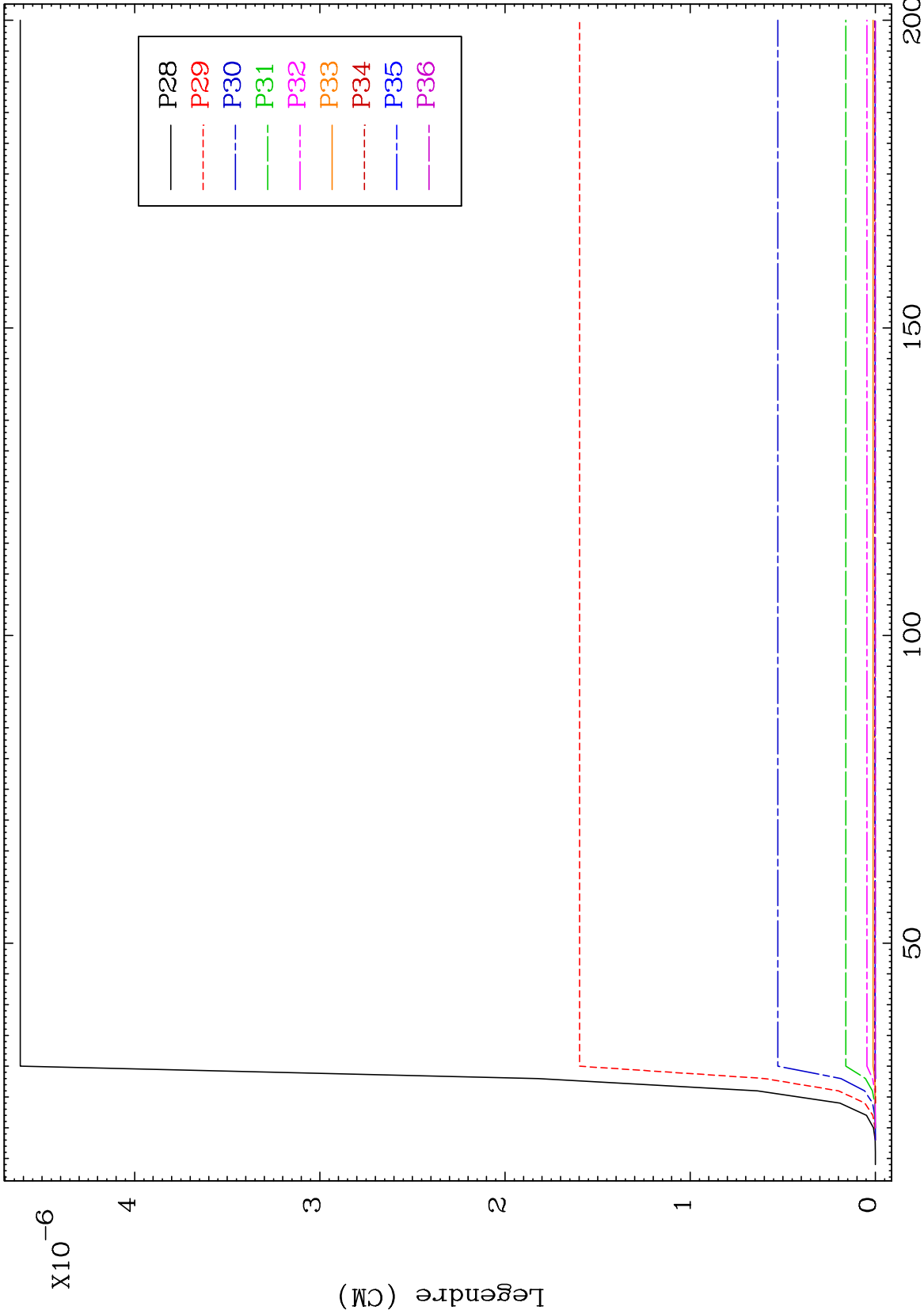
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129

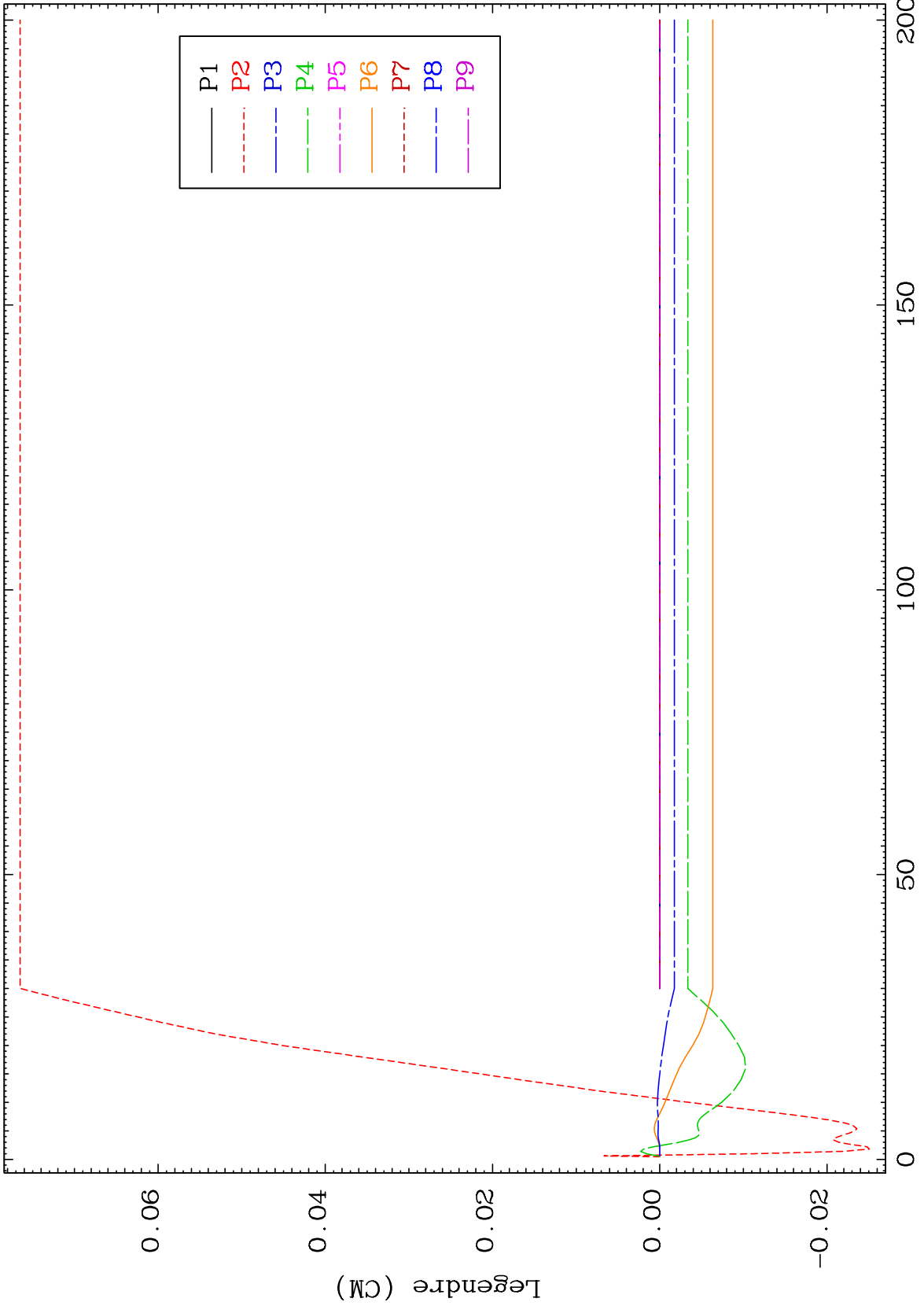


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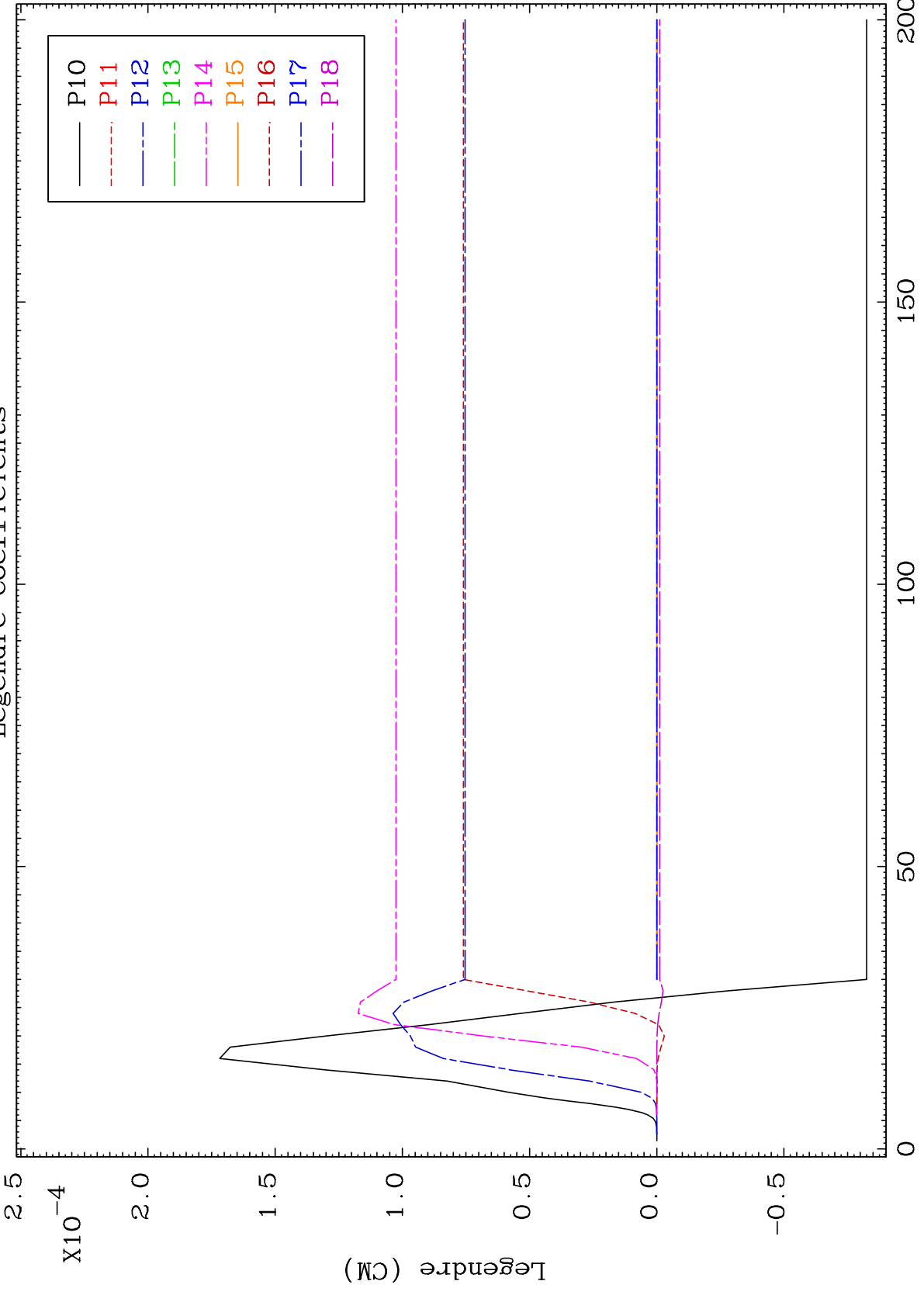
Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 55 (n,n') Level Legendre Coefficients 52-Te-129

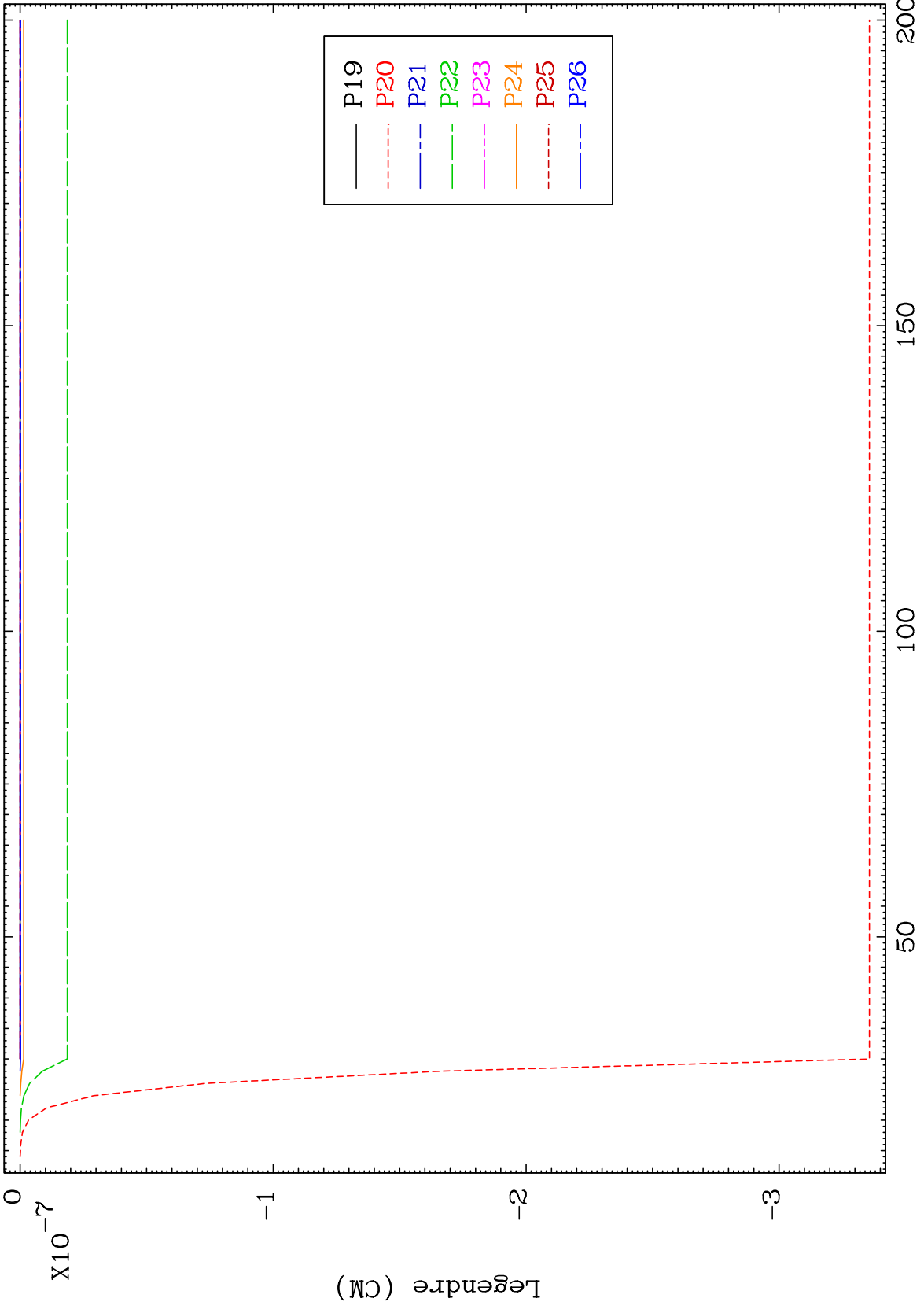


MAT 5252 MT= 55 (n,n') Level Legendre Coefficients 52-Te-129



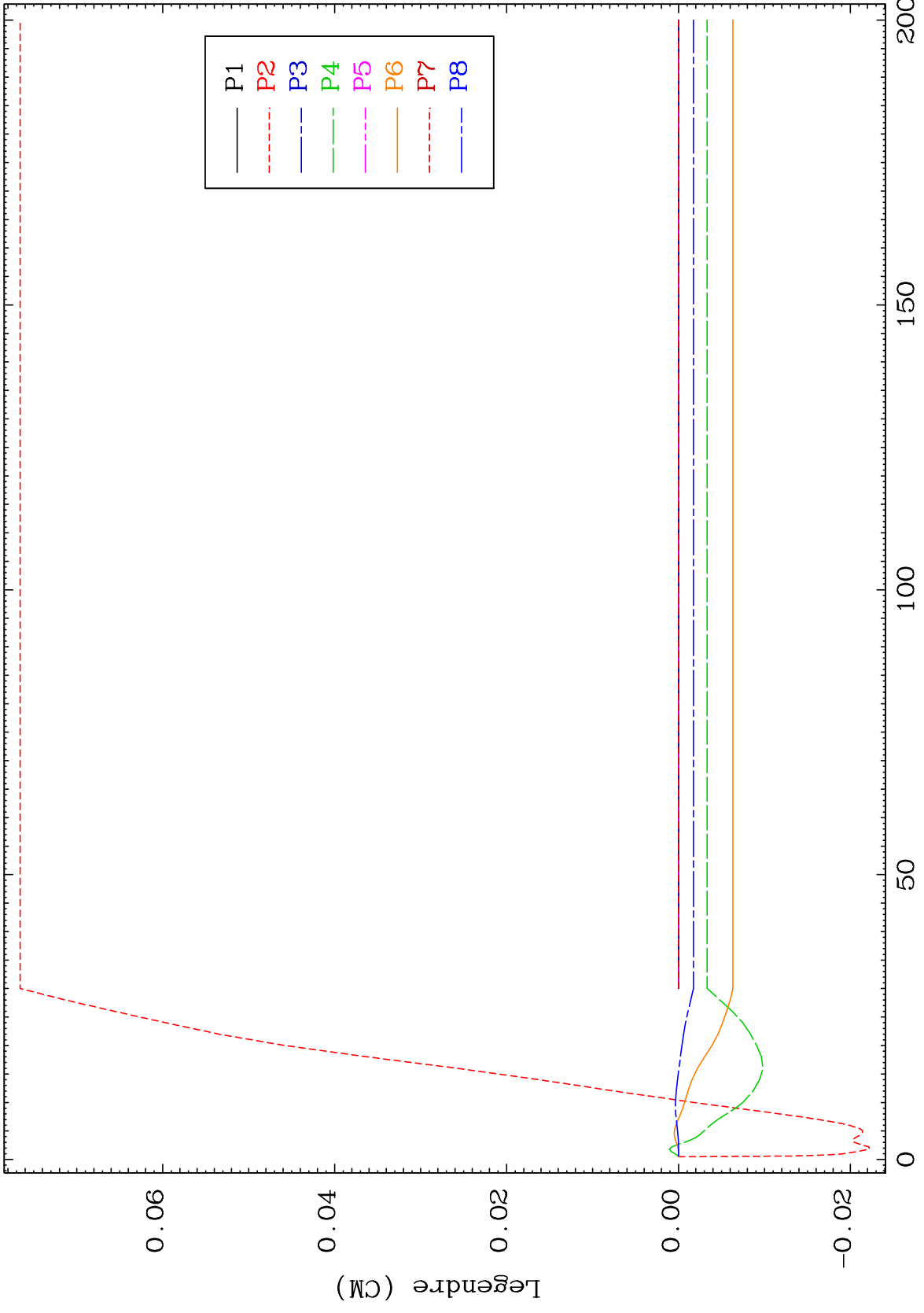
34 52-Te-129

MAT 5252 MT= 55 (n,n') Level Legendre Coefficients 52-Te-129



35 Incident Energy (MeV) 52-Te-129

MAT 5252 MT= 56 (n,n') Level Legendre Coefficients 52-Te-129

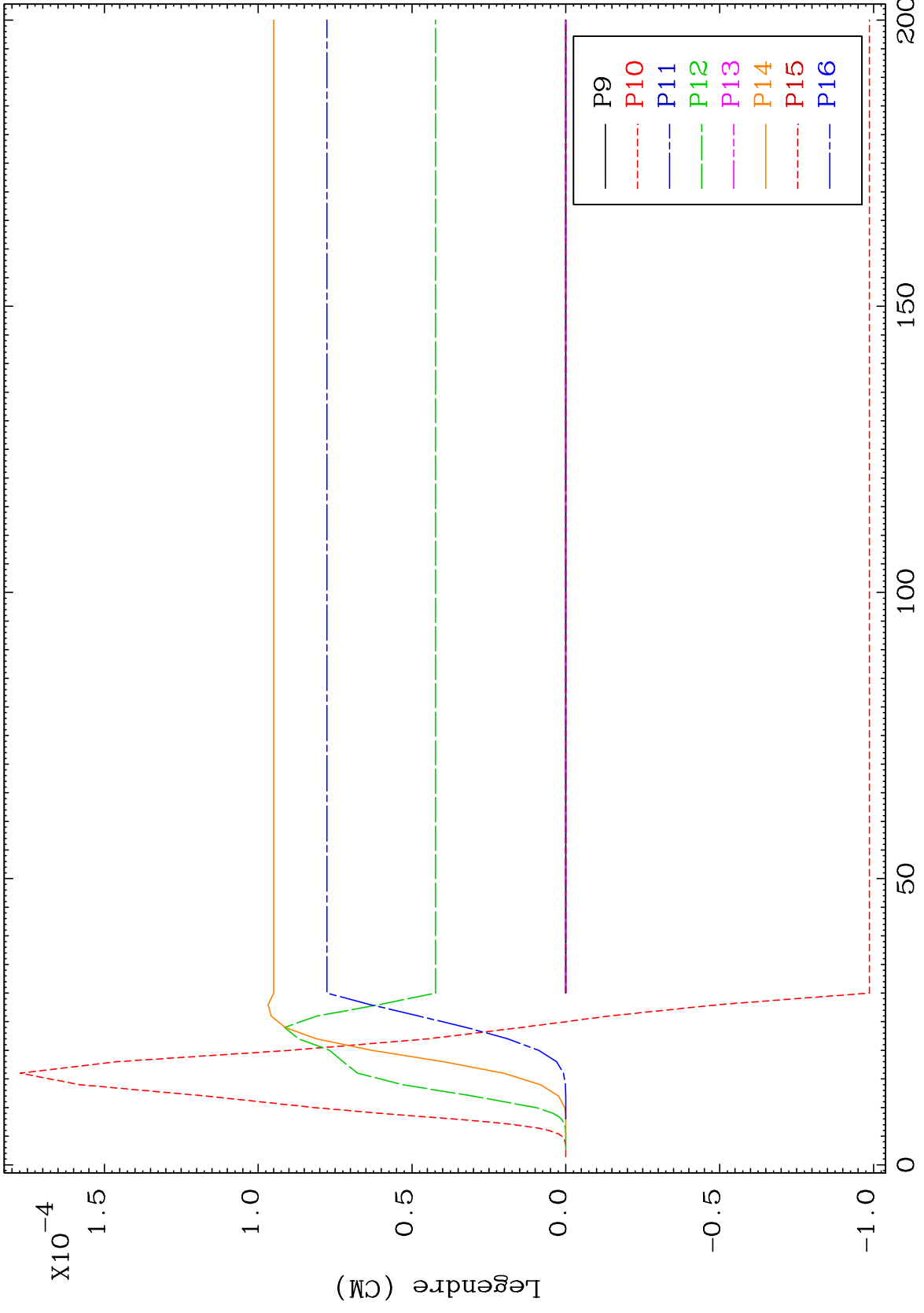


36 52-Te-129

MAT 5252

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

52-Te-129

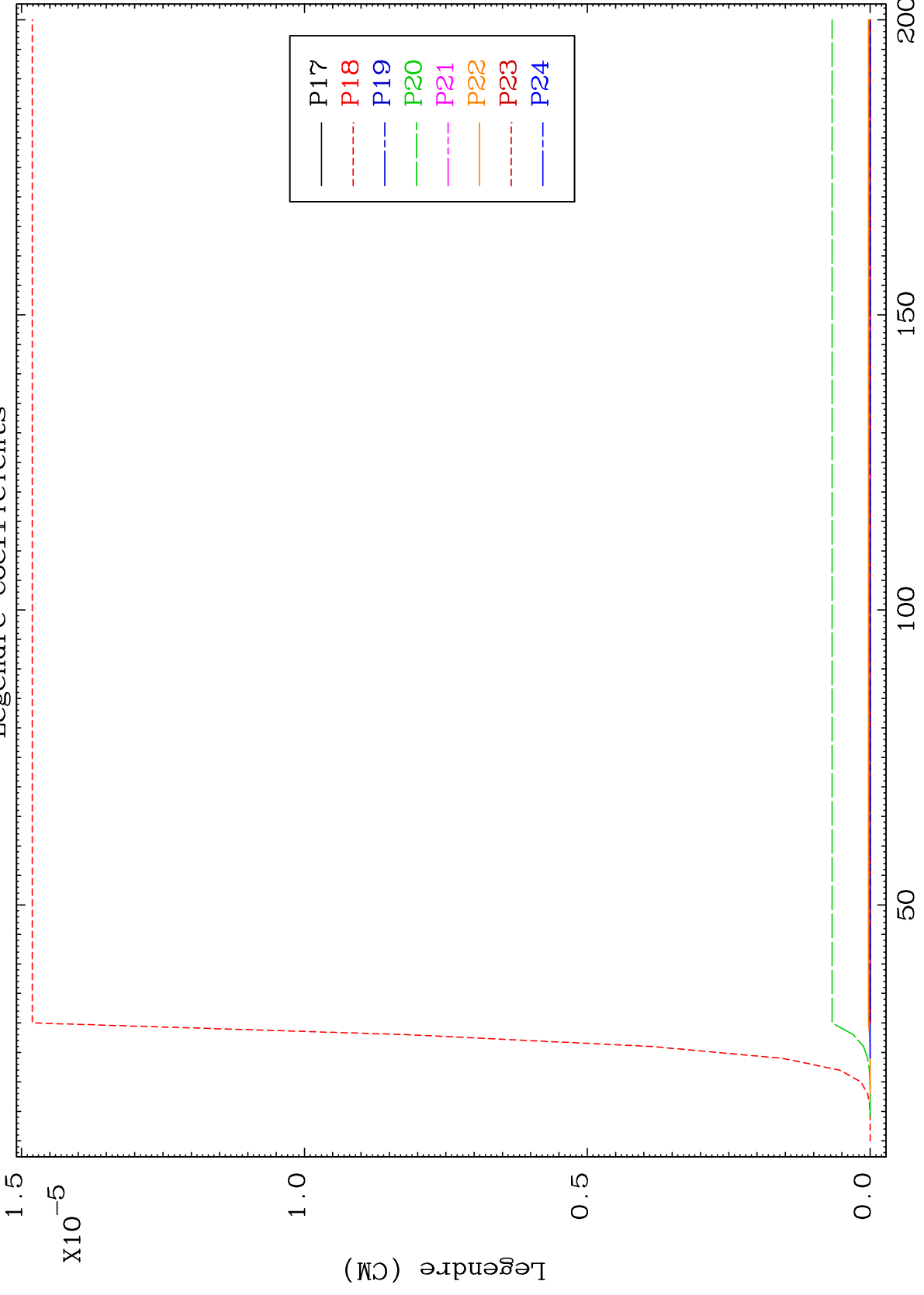


37

Incident Energy (MeV)

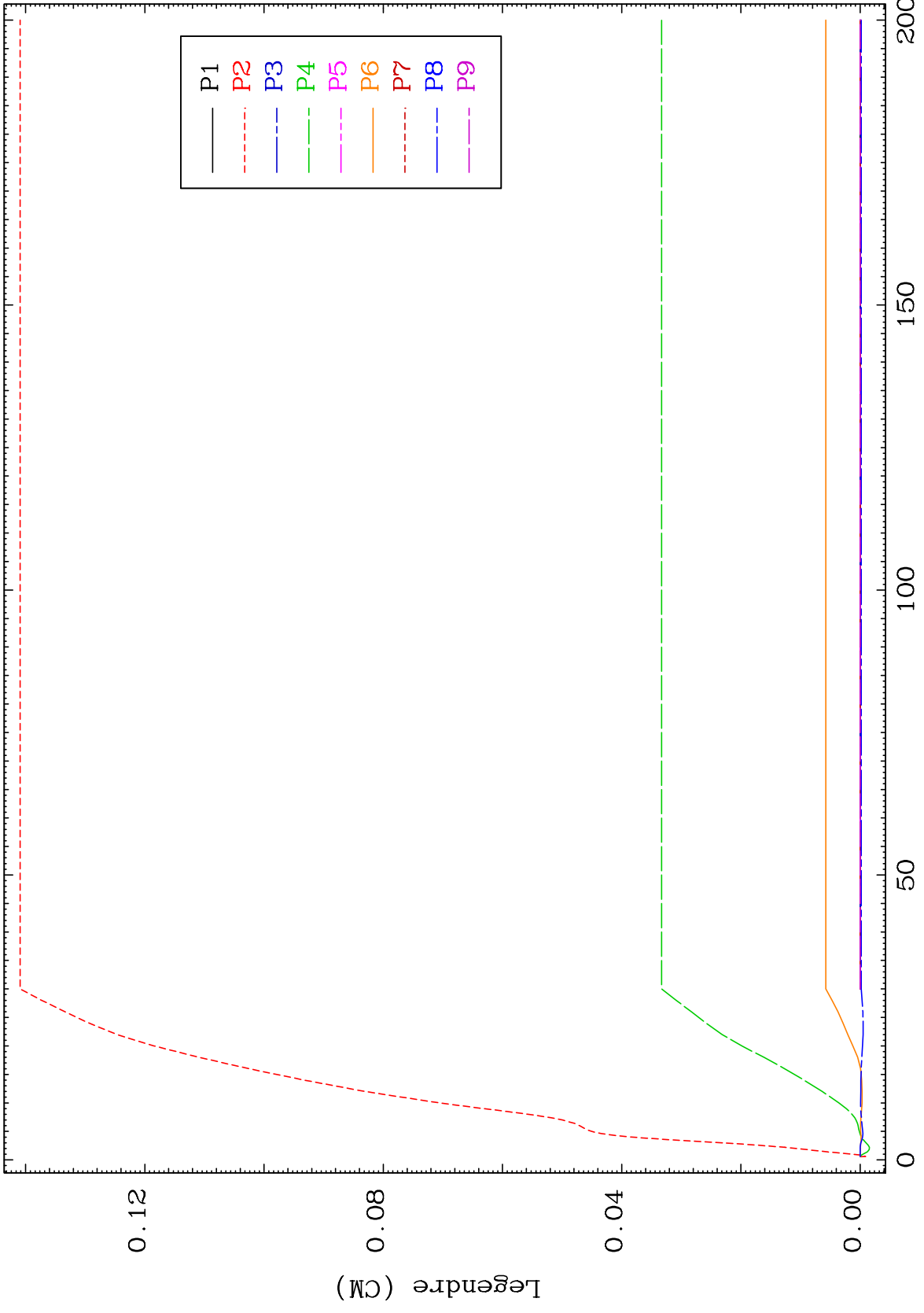
52-Te-129

MAT 5252 MT= 56 (n,n') Level Legendre Coefficients 52-Te-129



38 Incident Energy (MeV) 52-Te-129

MAT 5252 MT= 57 (n,n') Level Legendre Coefficients 52-Te-129

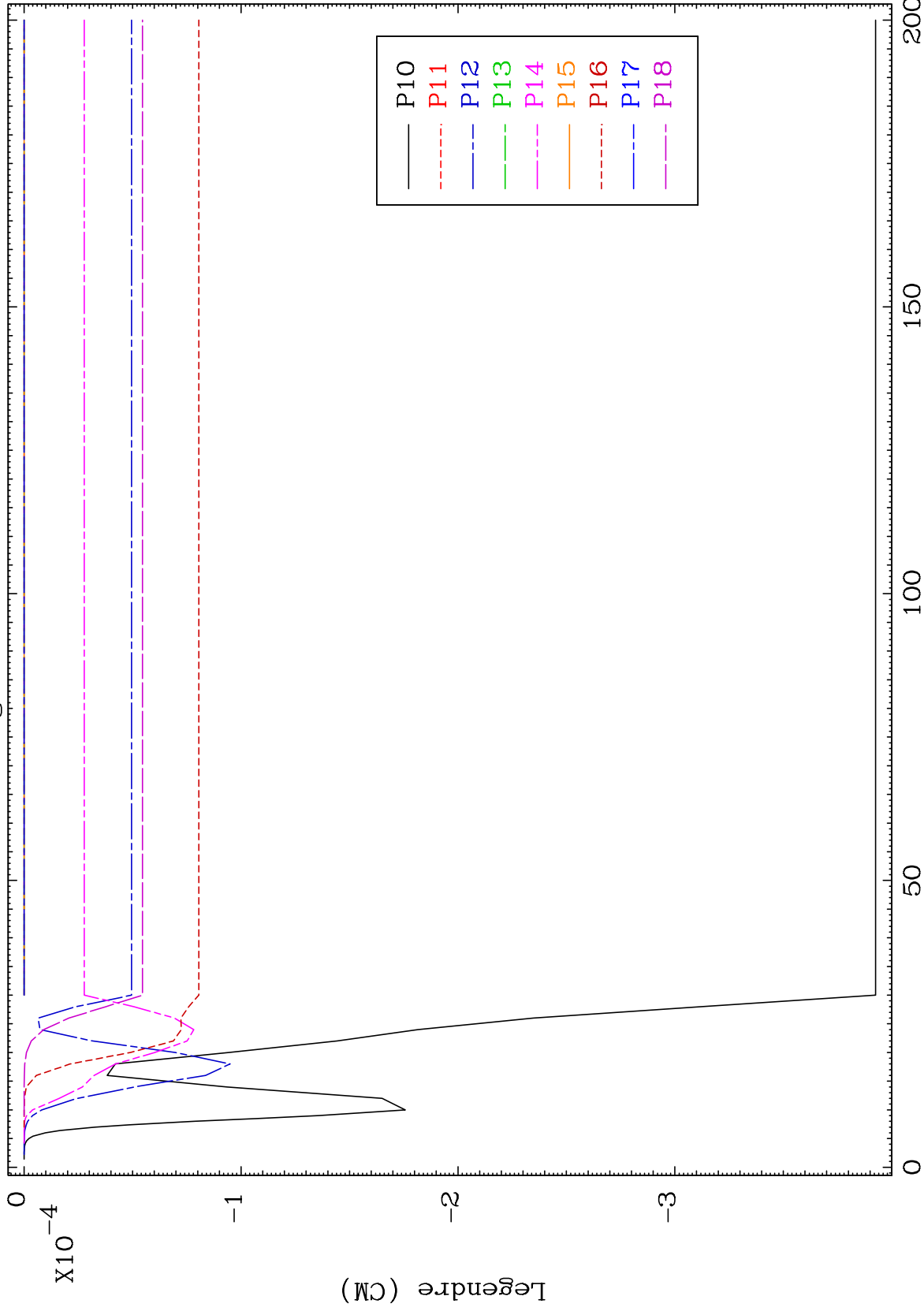


39 Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129



40

Incident Energy (MeV)

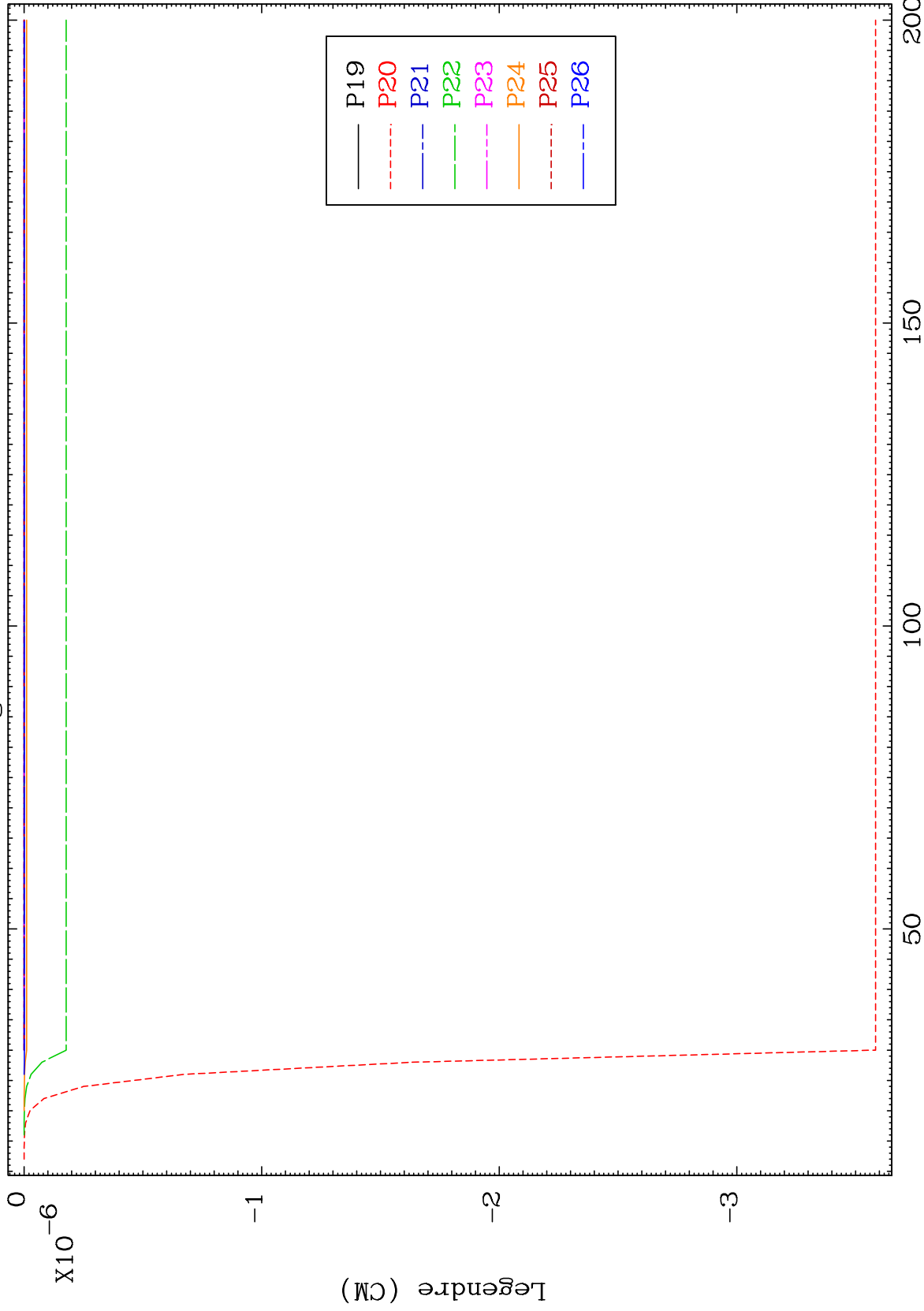
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52-Te-129

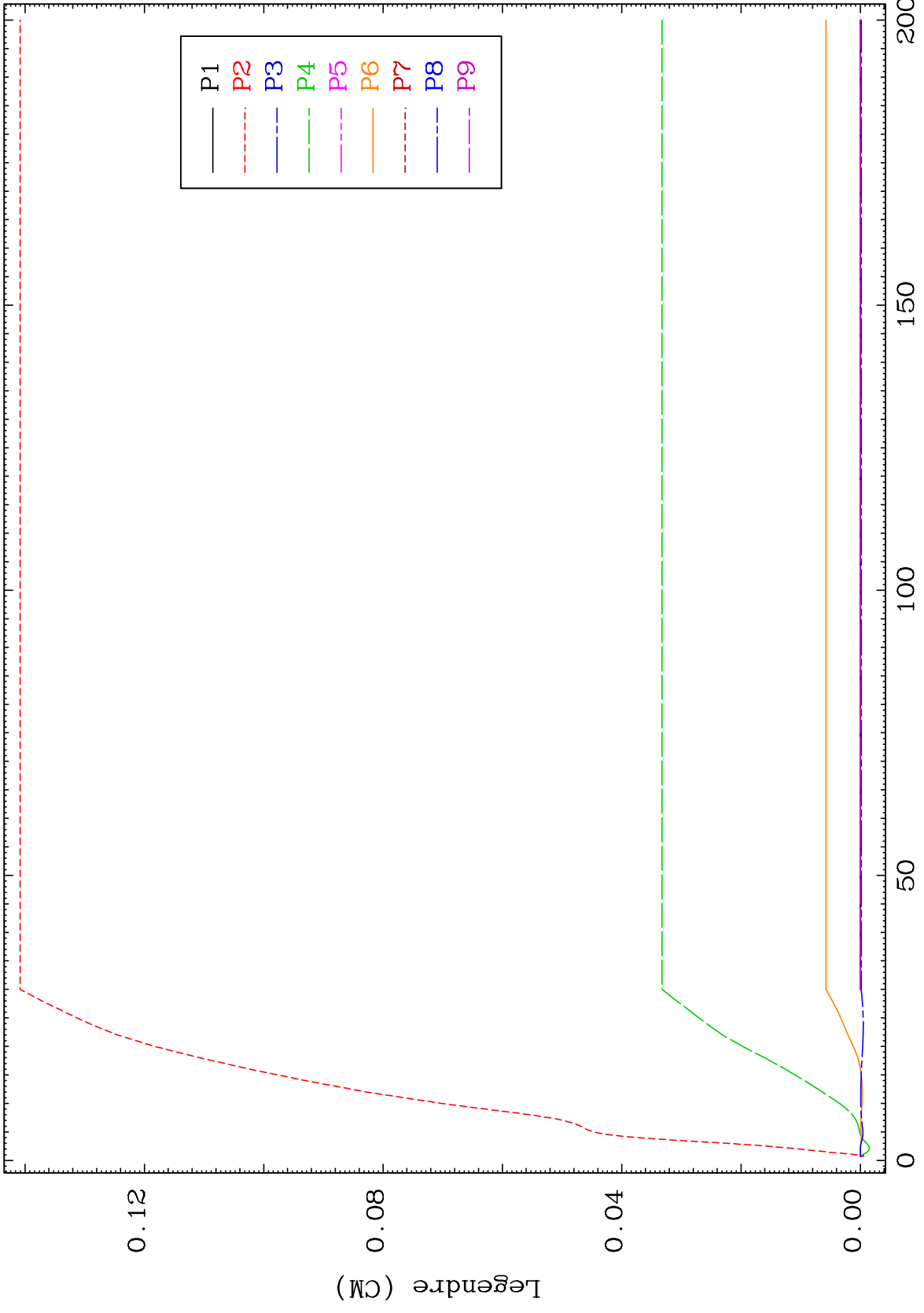
MAT 5252

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

52-Te-129

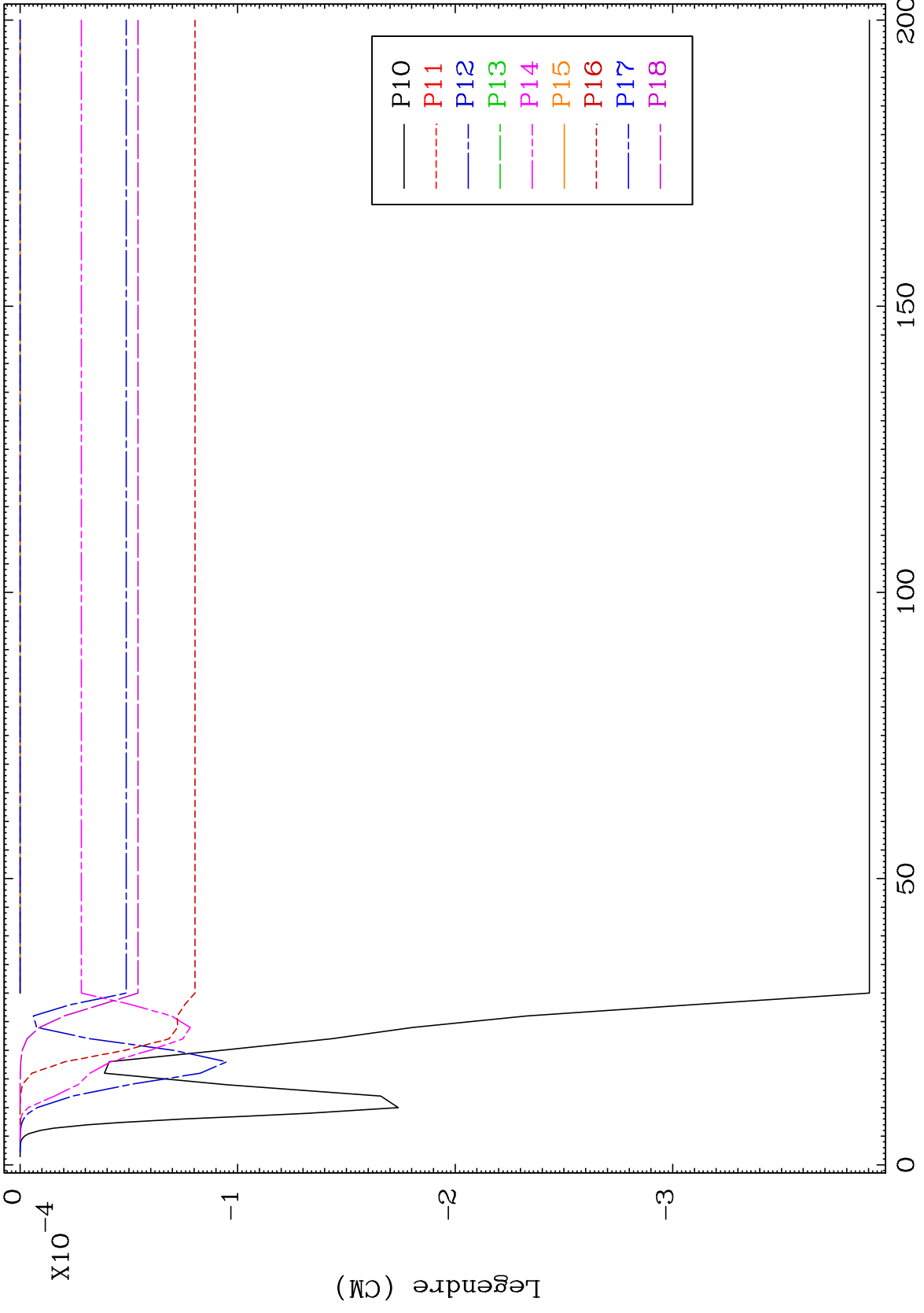


MAT 5252 MT= 58 (n,n') Level Legendre Coefficients 52-Te-129



42 52-Te-129

MAT 5252 MT= 58 (n,n') Level Legendre Coefficients 52-Te-129

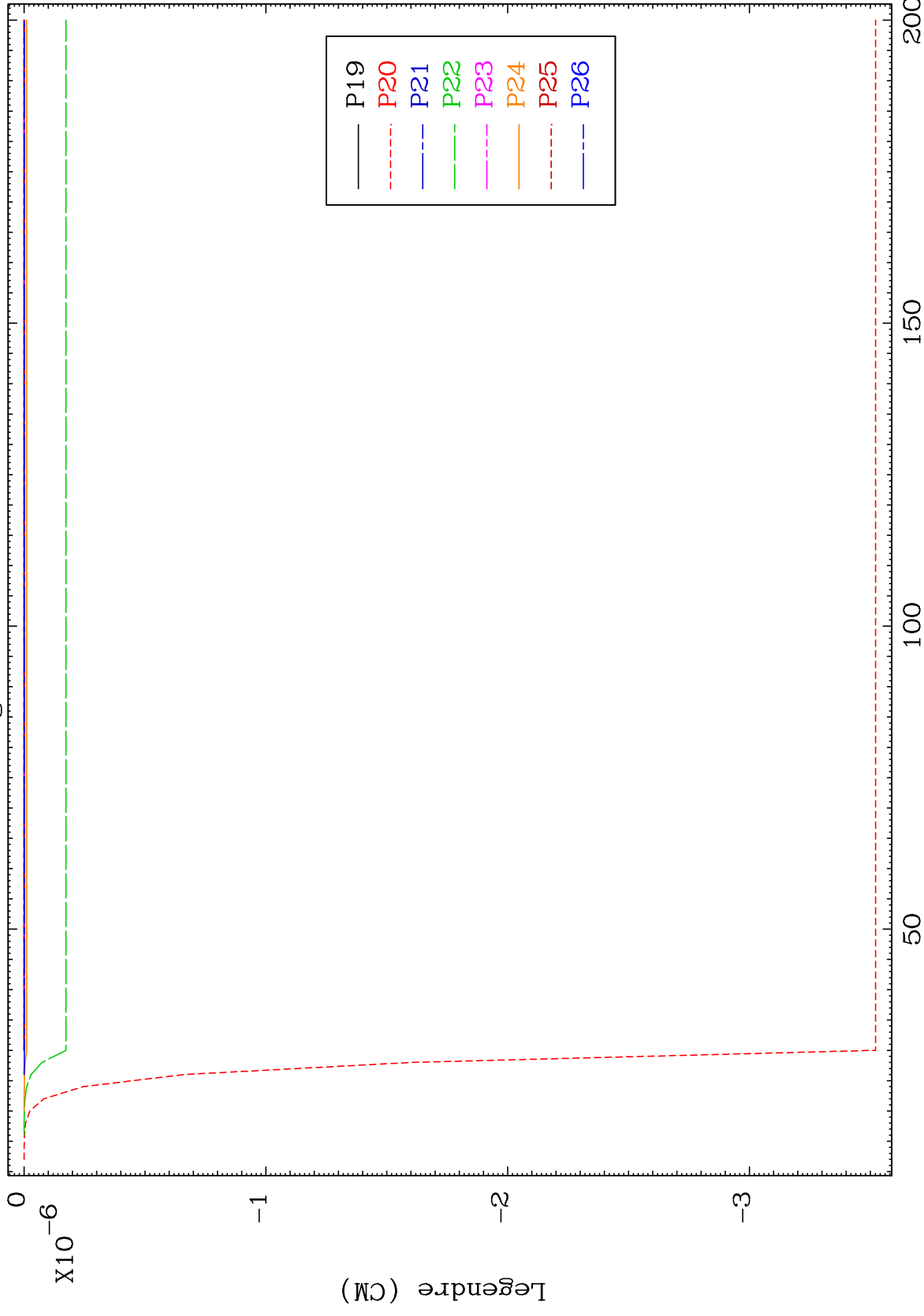


43 52-Te-129

MAT 5252

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

52-Te-129

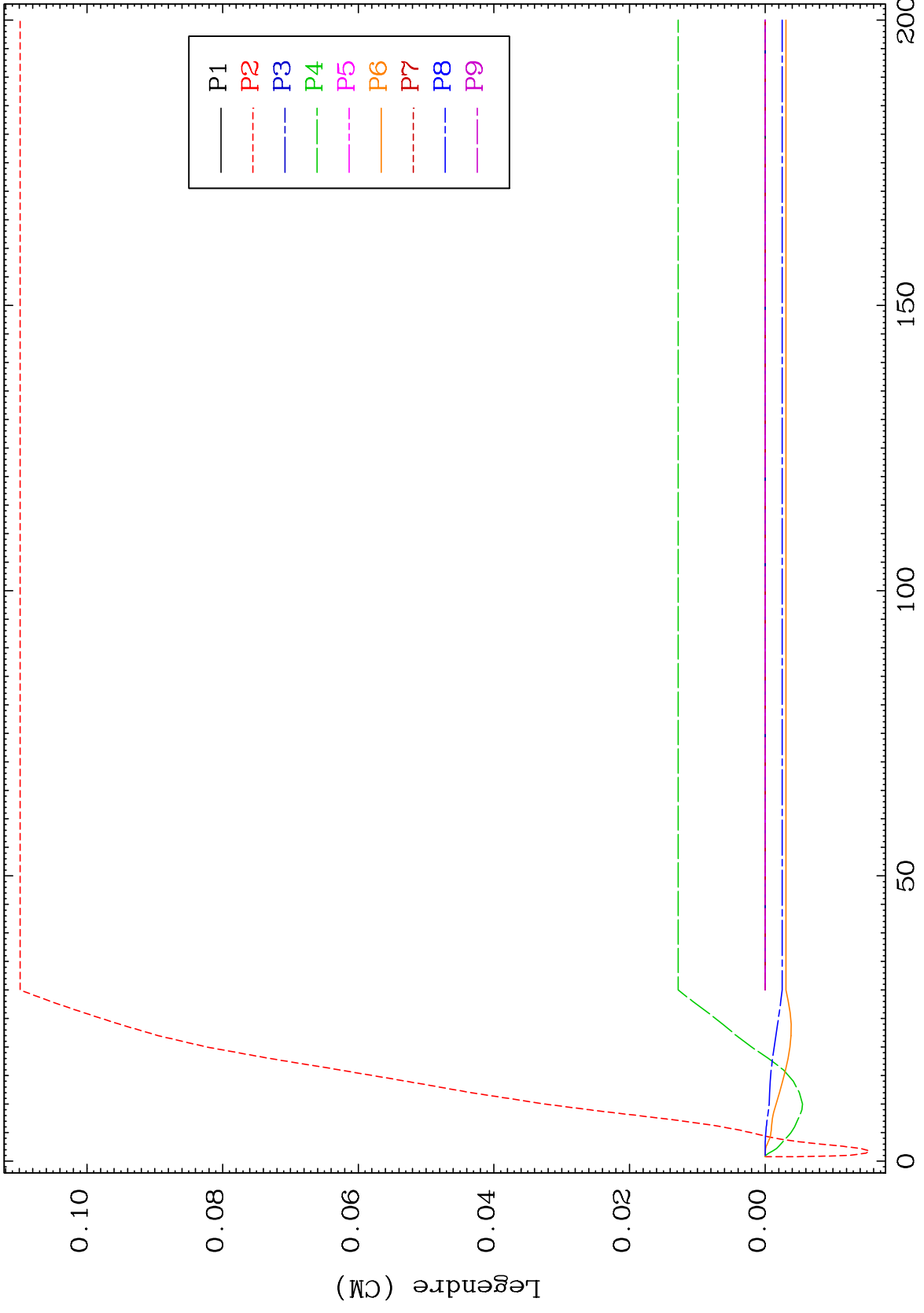


52-Te-129

Incident Energy (MeV)

44

MAT 5252 MT= 59 (n,n') Level Legendre Coefficients 52-Te-129

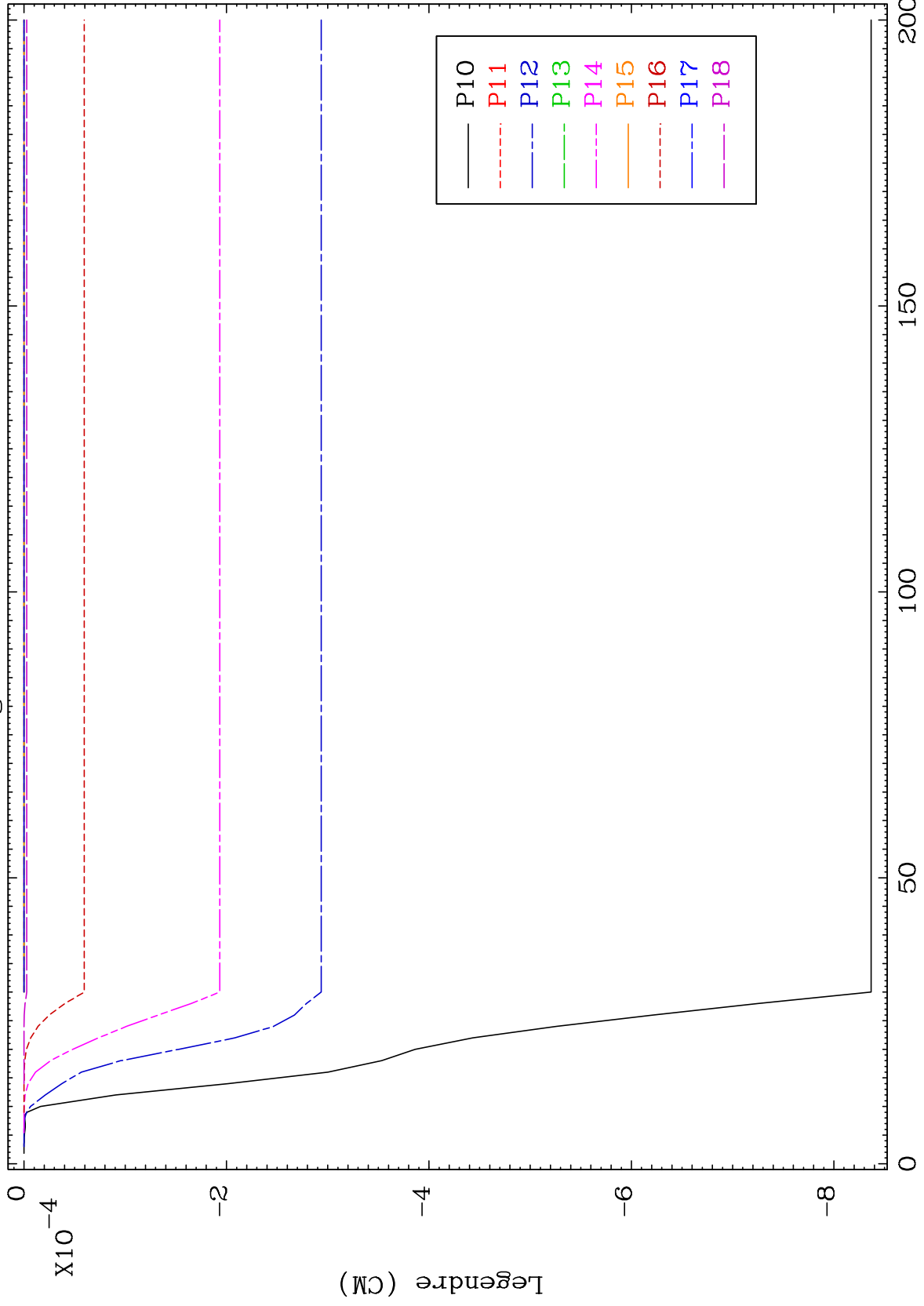


Legendre (CM) Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129

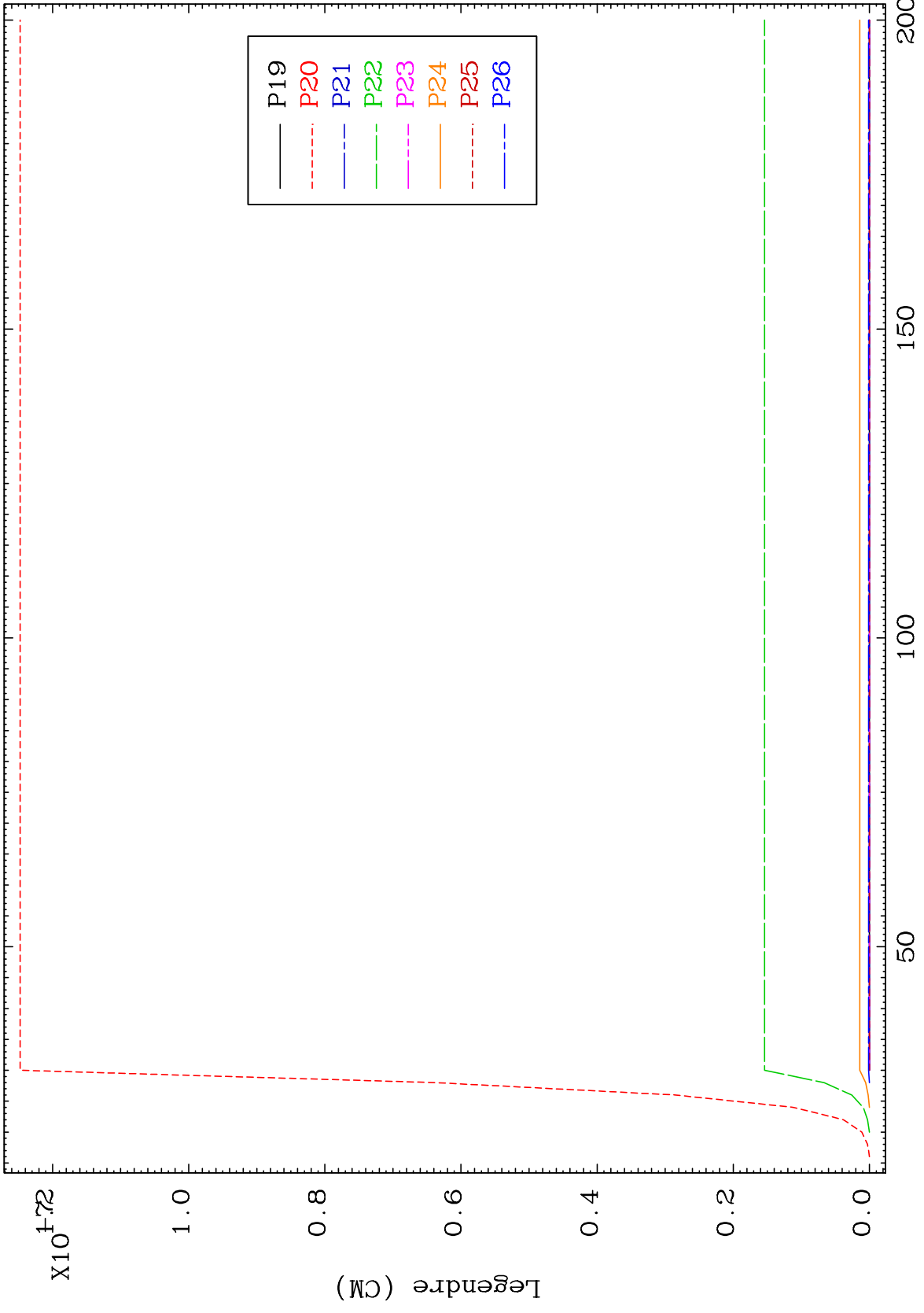


52-Te-129

Incident Energy (MeV)

46

MAT 5252 MT= 59 (n,n') Level Legendre Coefficients 52-Te-129

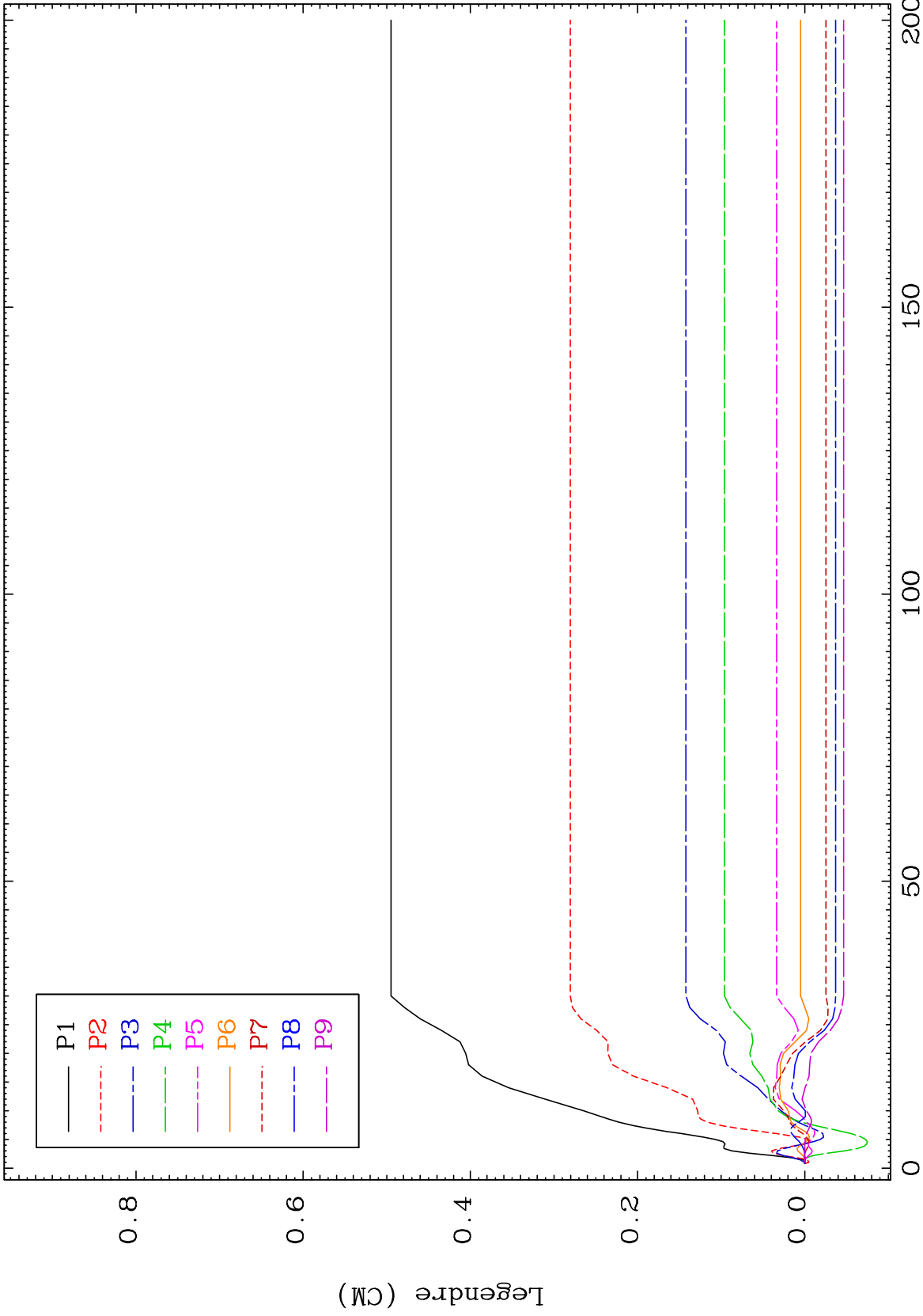


47 50 100 150 200 Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129



48

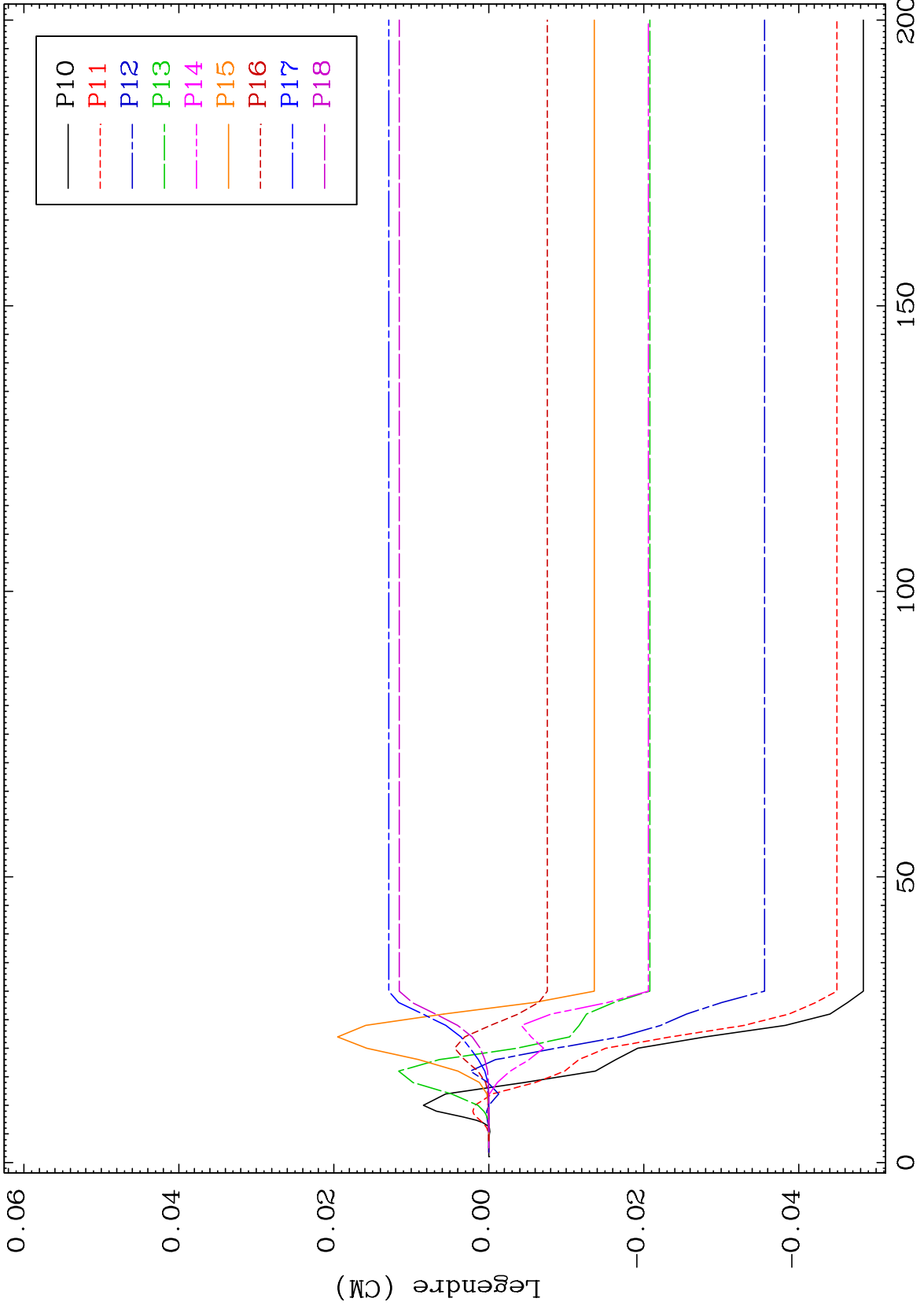
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



49

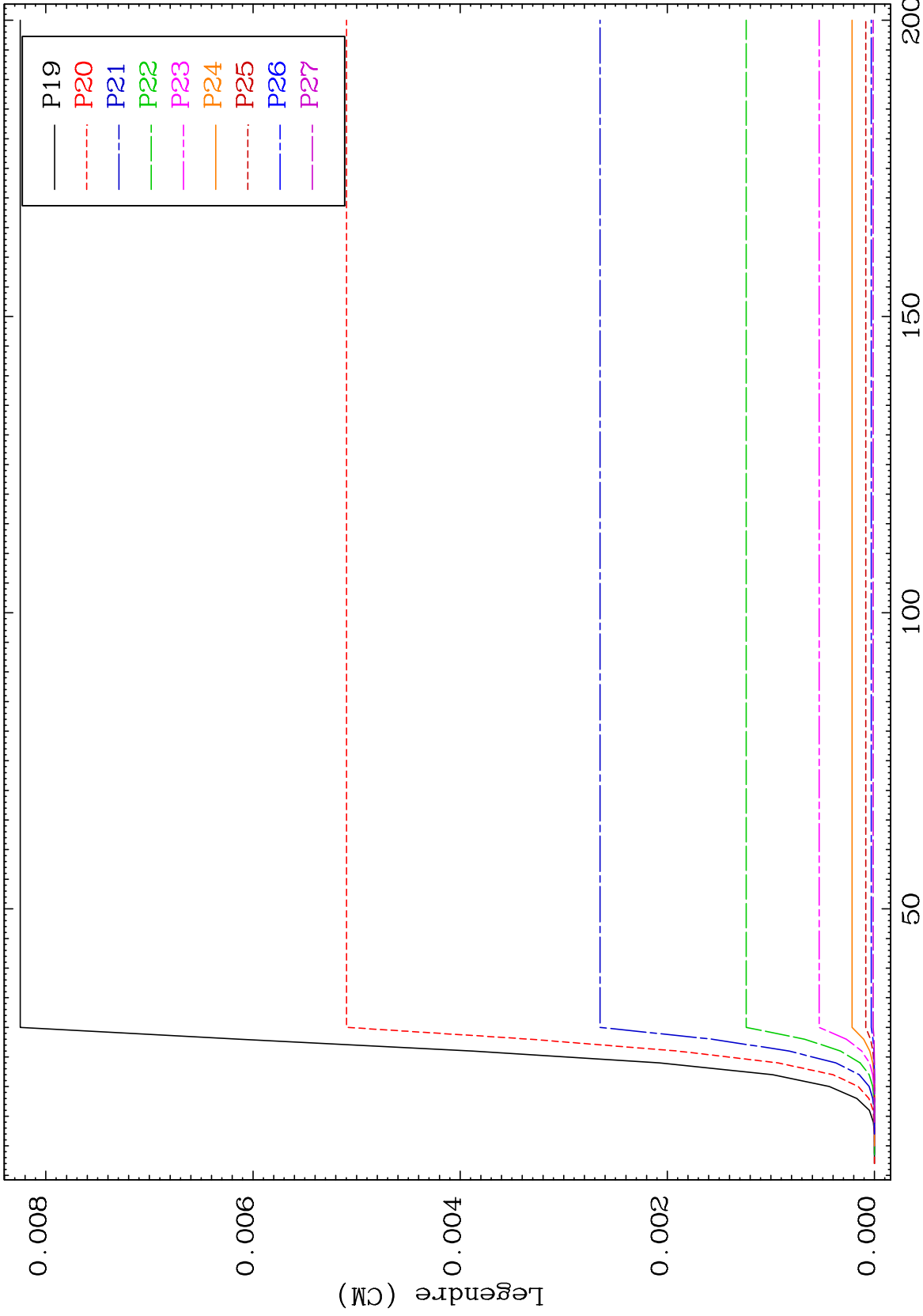
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



50

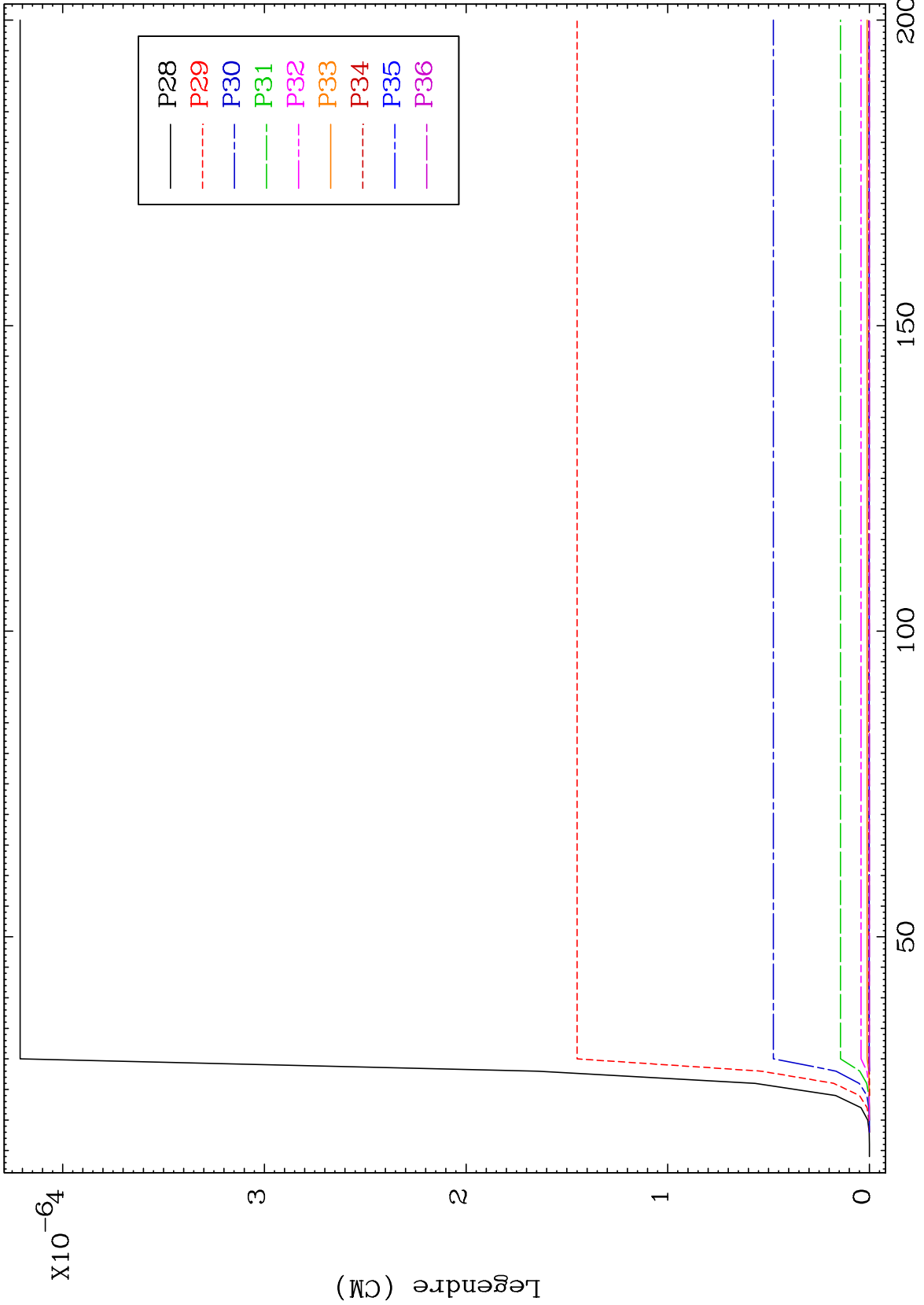
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



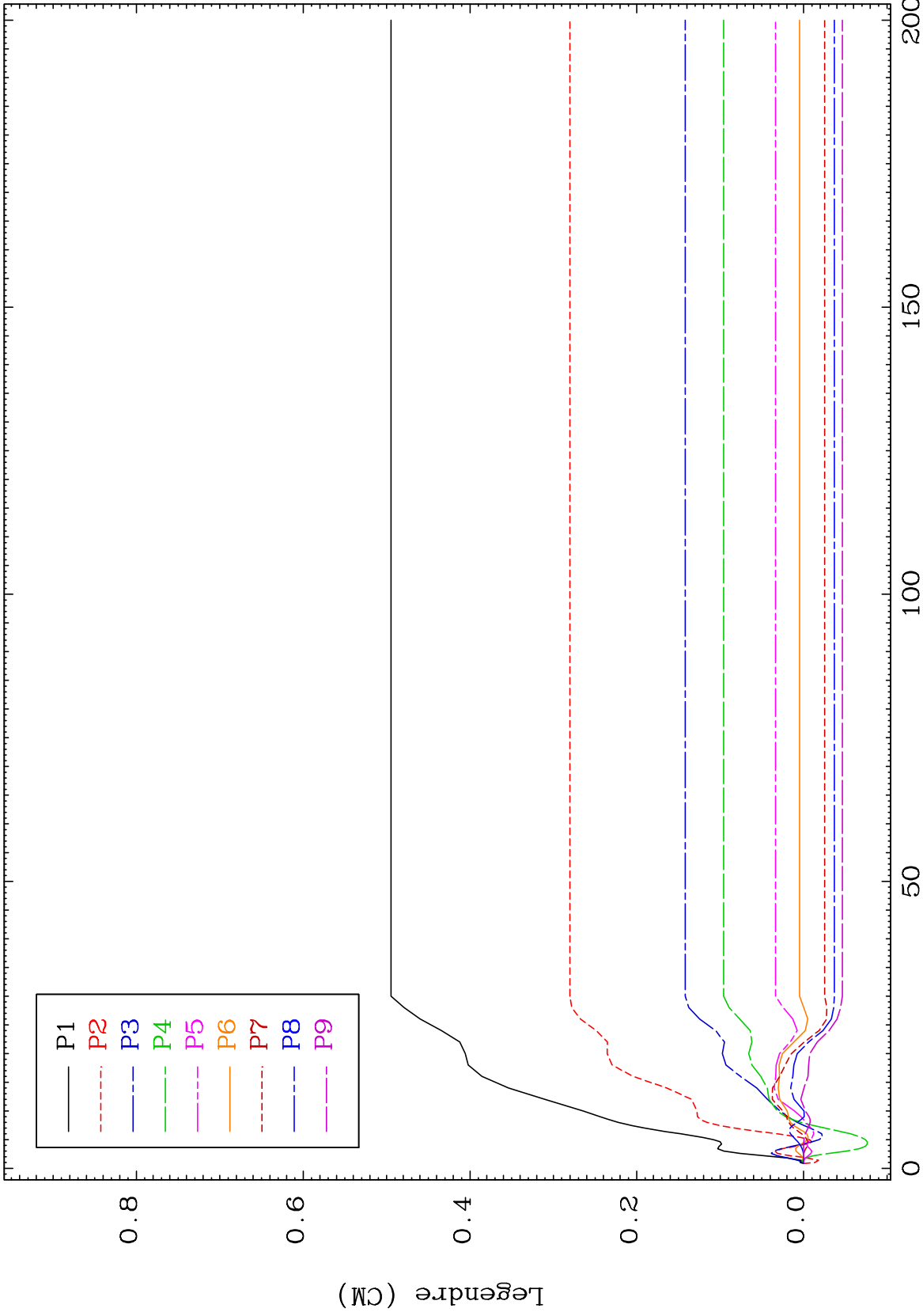
51

52-Te-129

MAT 5252

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

52-Te-129



52

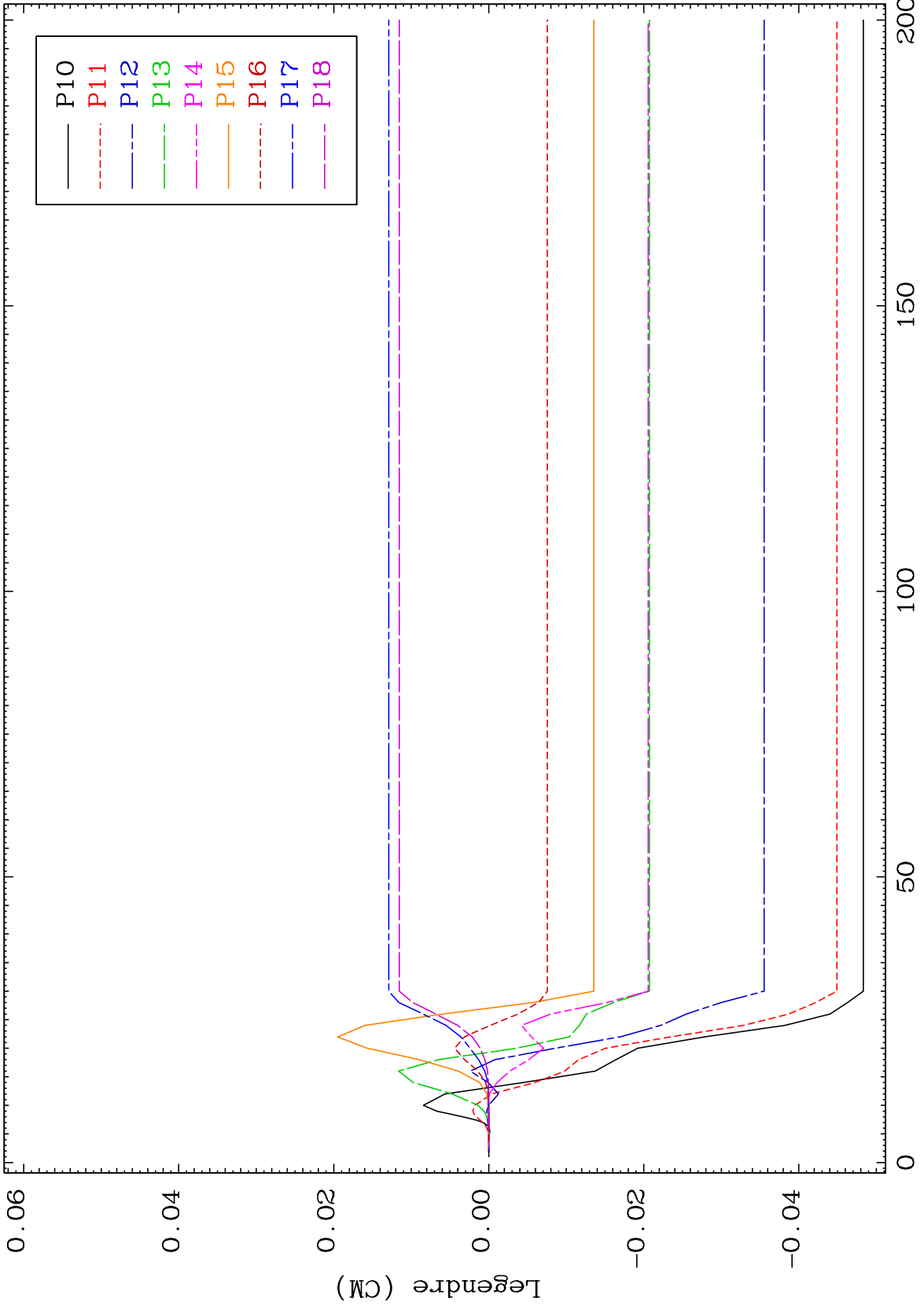
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



53

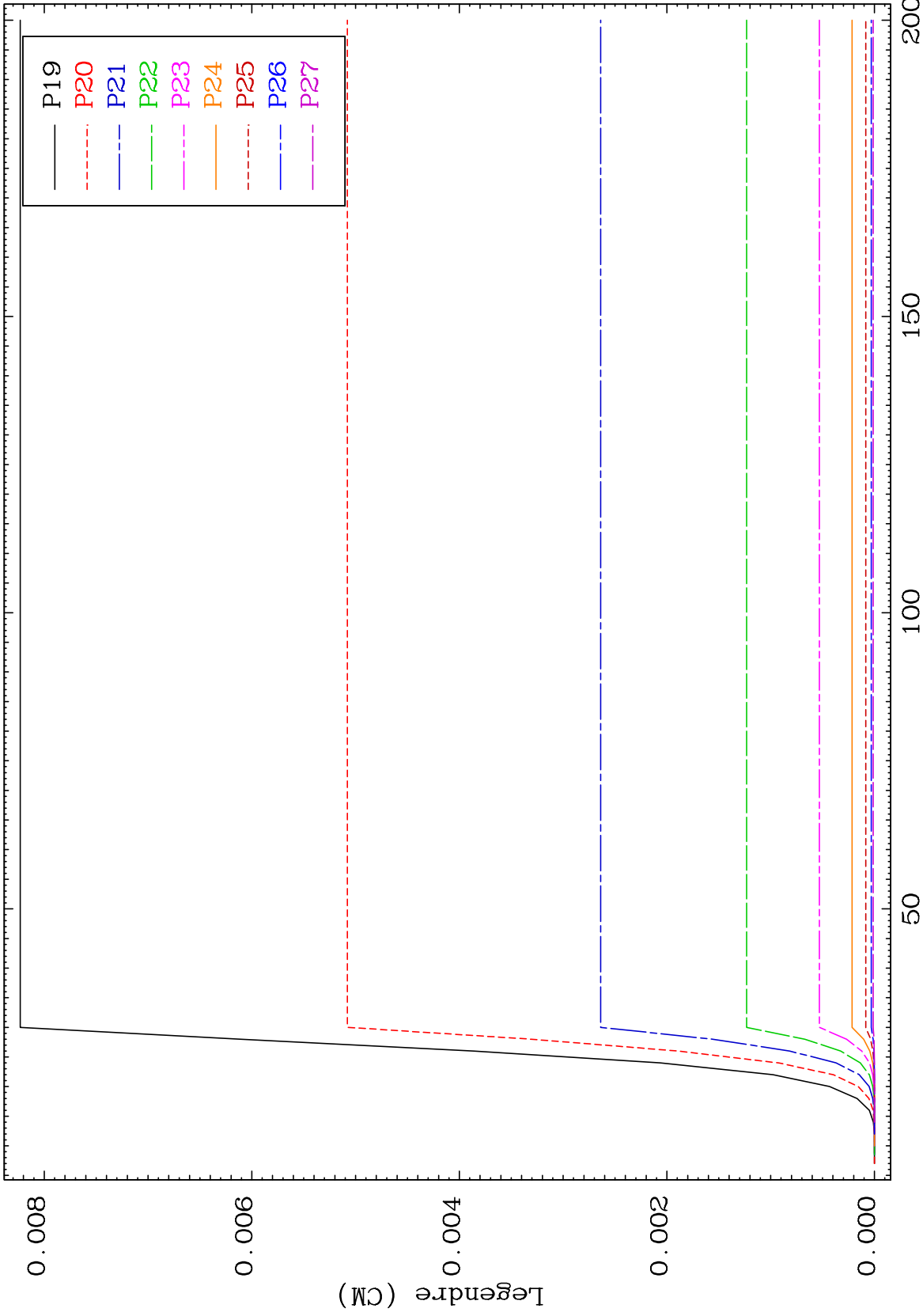
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



54

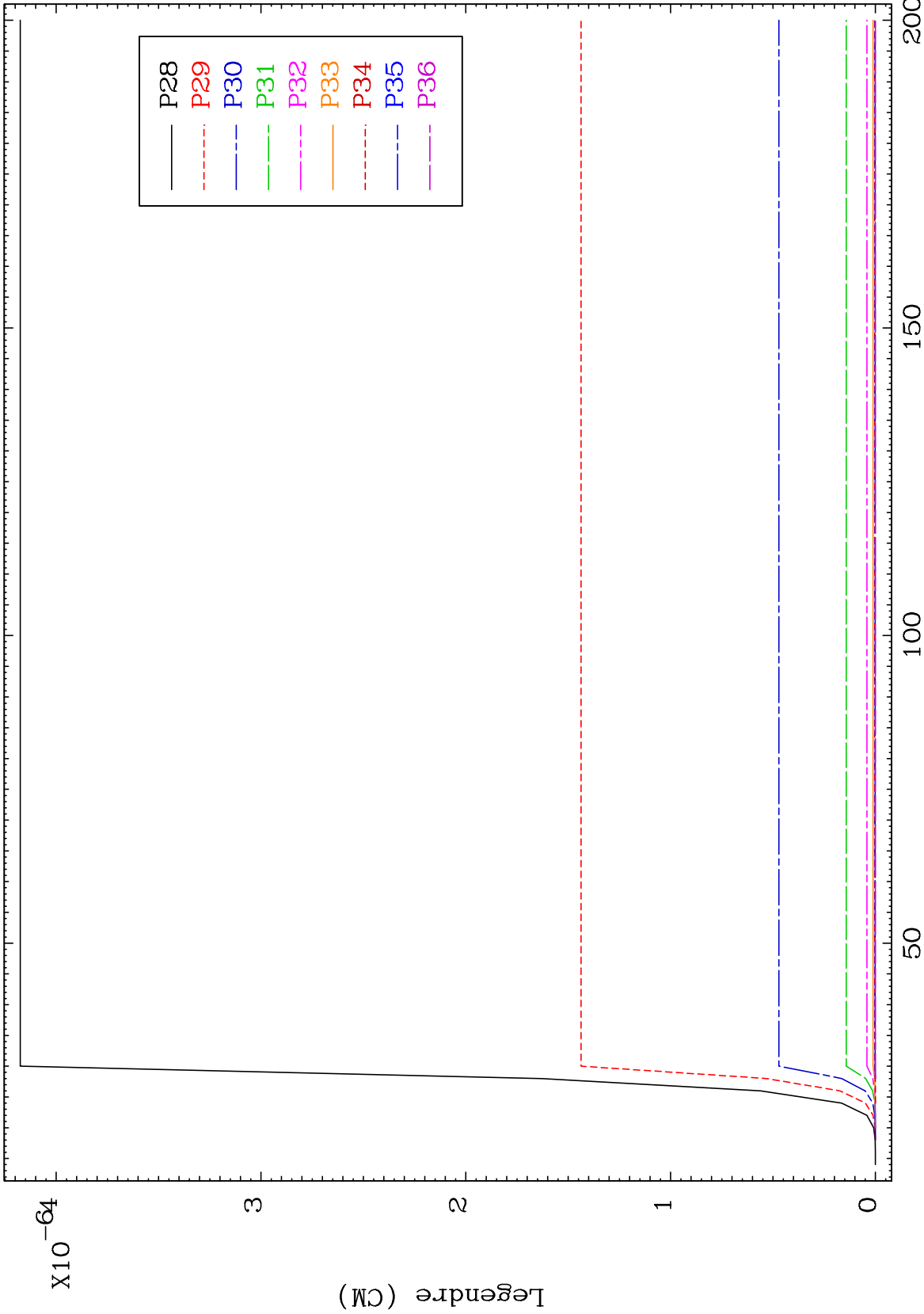
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129

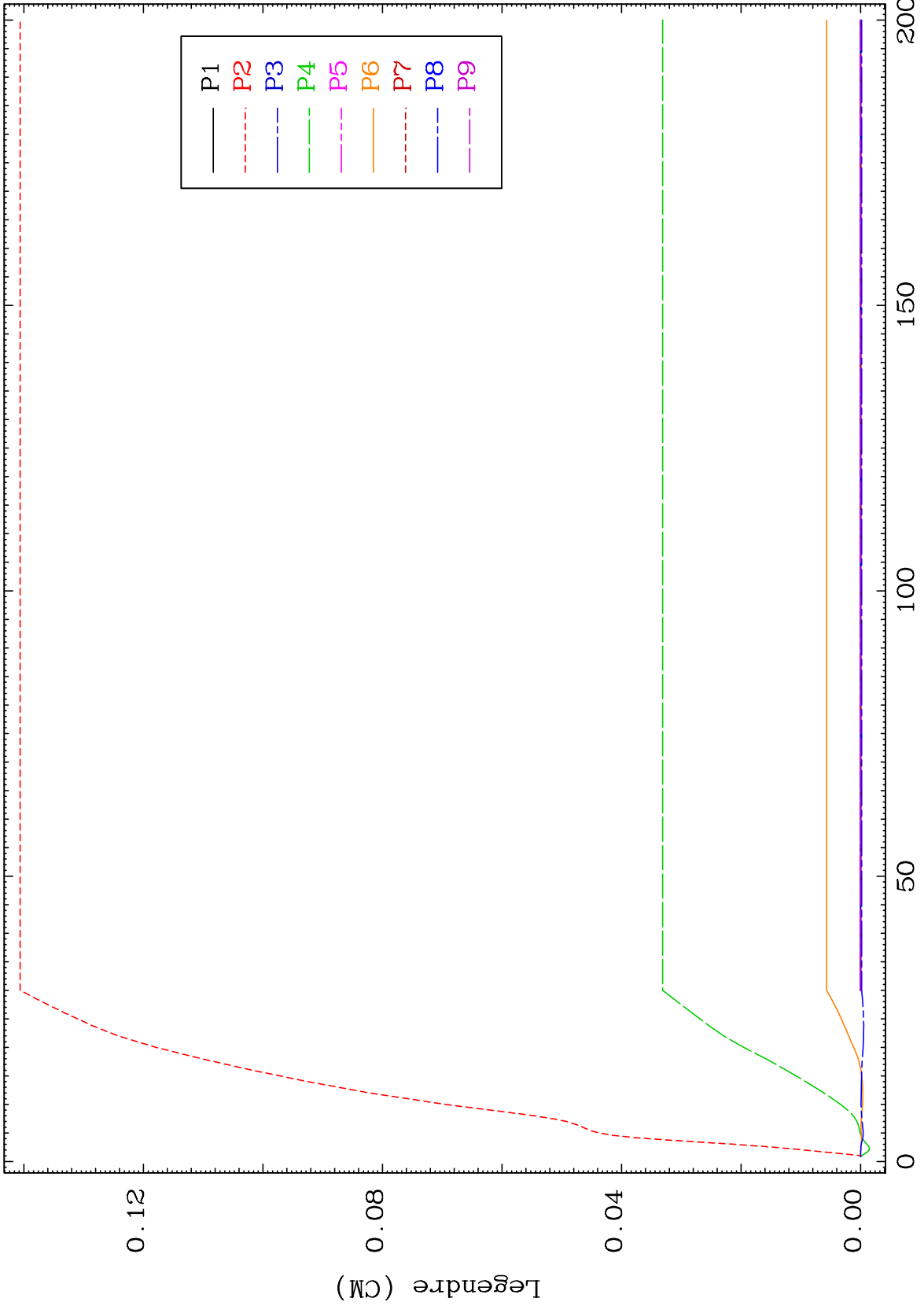


55

Incident Energy (MeV)

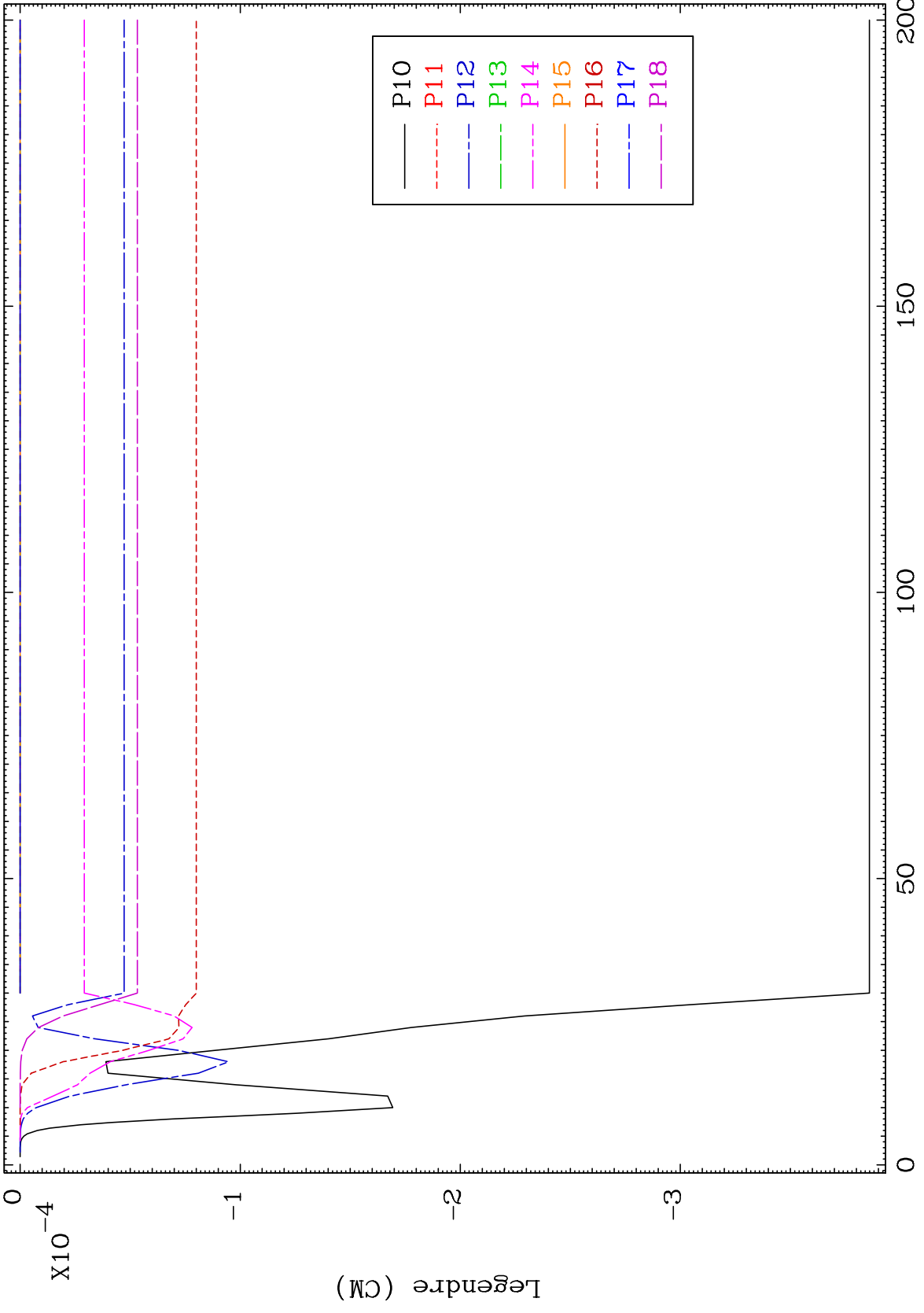
52-Te-129

MAT 5252 MT= 62 (n,n') Level Legendre Coefficients 52-Te-129

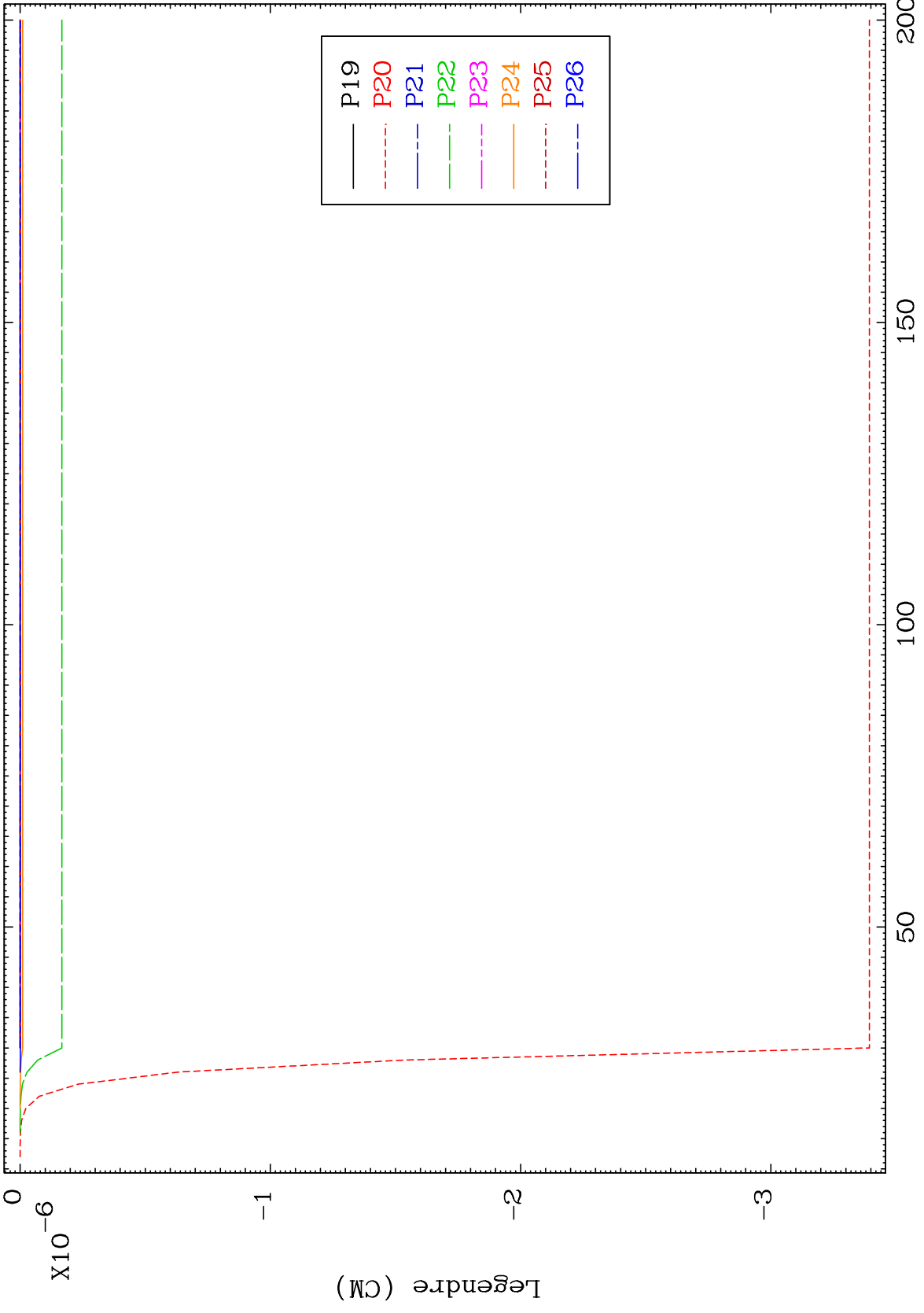


56 52-Te-129

MAT 5252 MT= 62 (n,n') Level Legendre Coefficients 52-Te-129

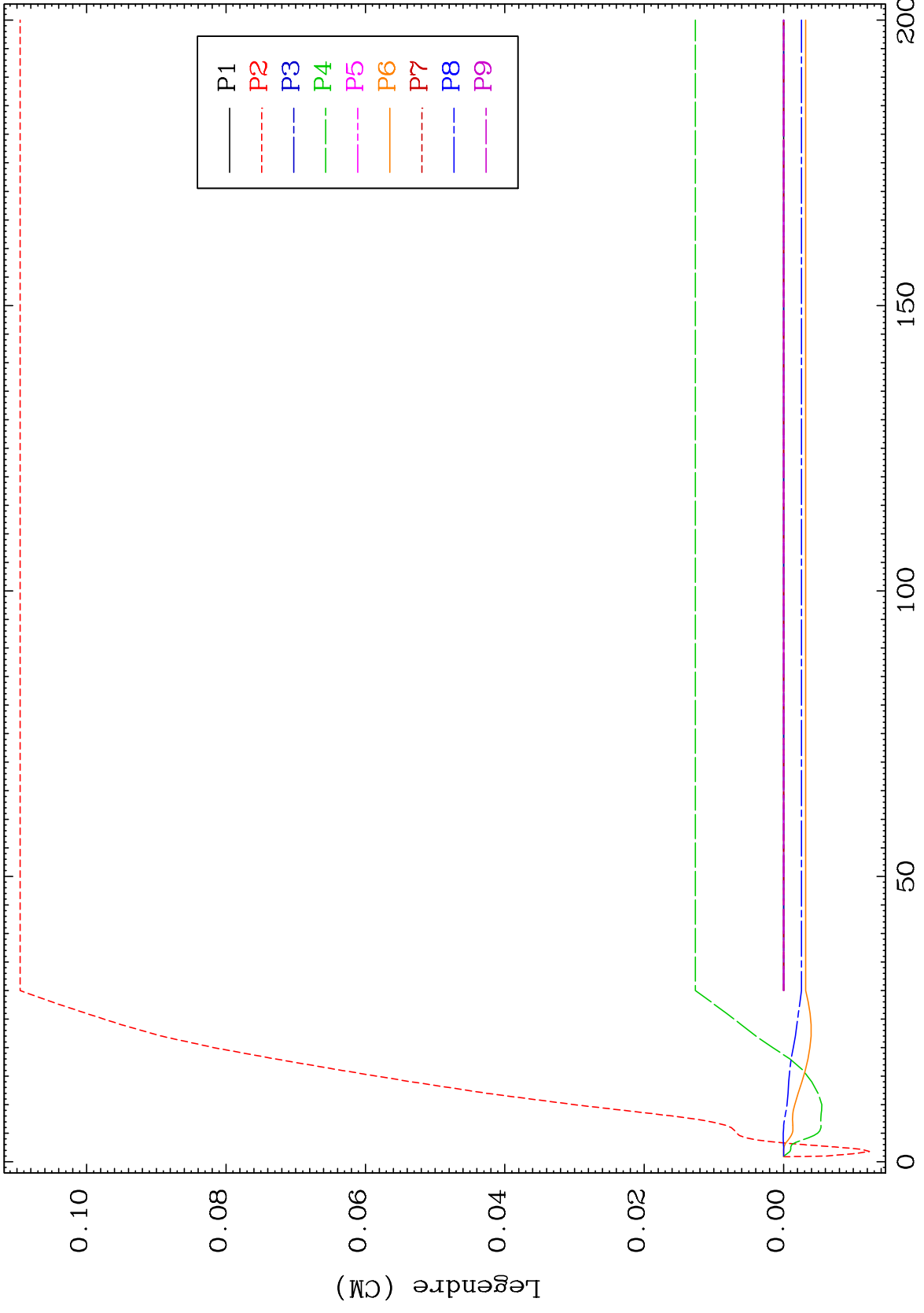


MAT 5252 MT= 62 (n,n') Level Legendre Coefficients 52-Te-129



58 52-Te-129

MAT 5252 MT= 63 (n,n') Level Legendre Coefficients 52-Te-129

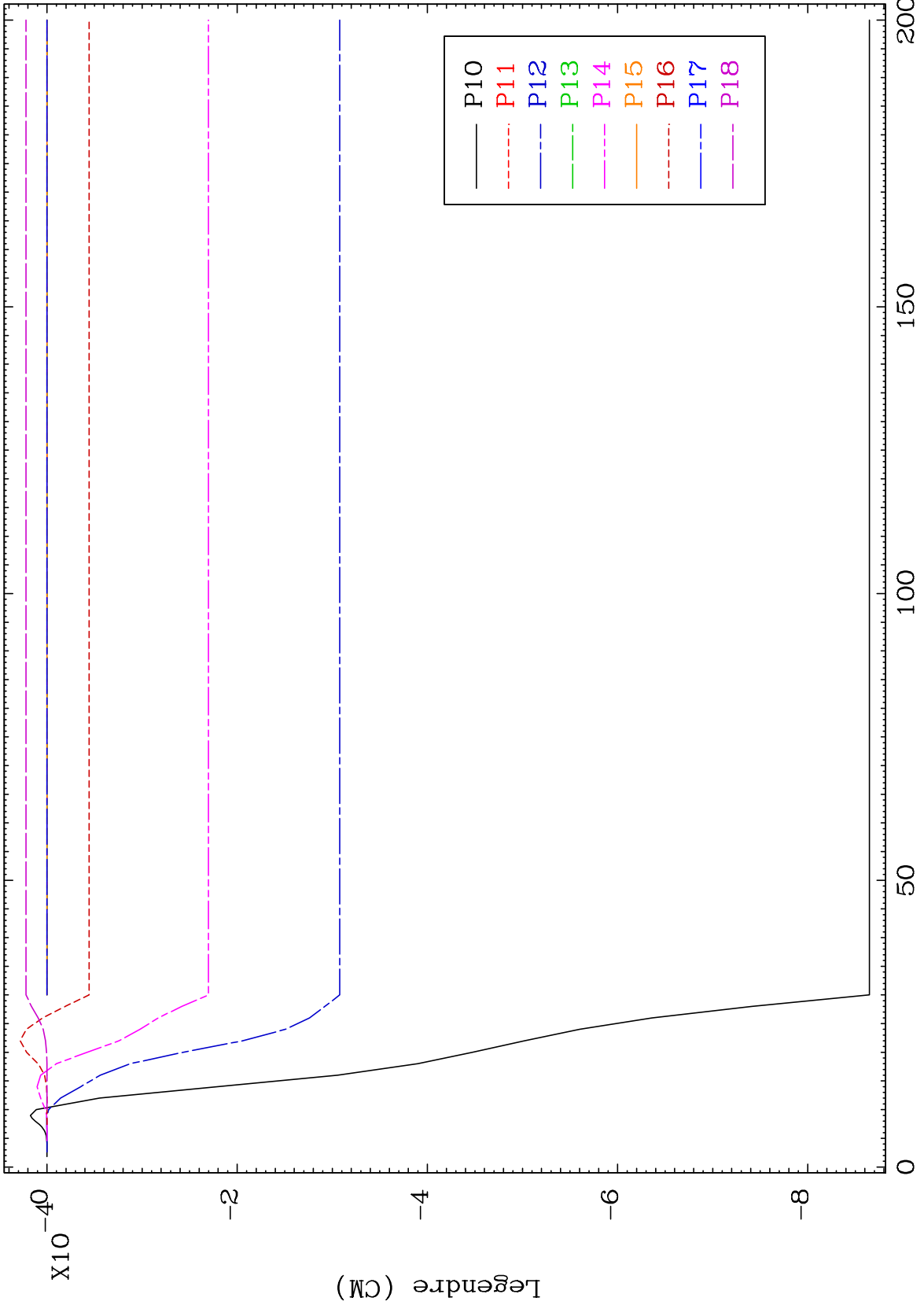


59 52-Te-129

MAT 5252

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

52-Te-129



60

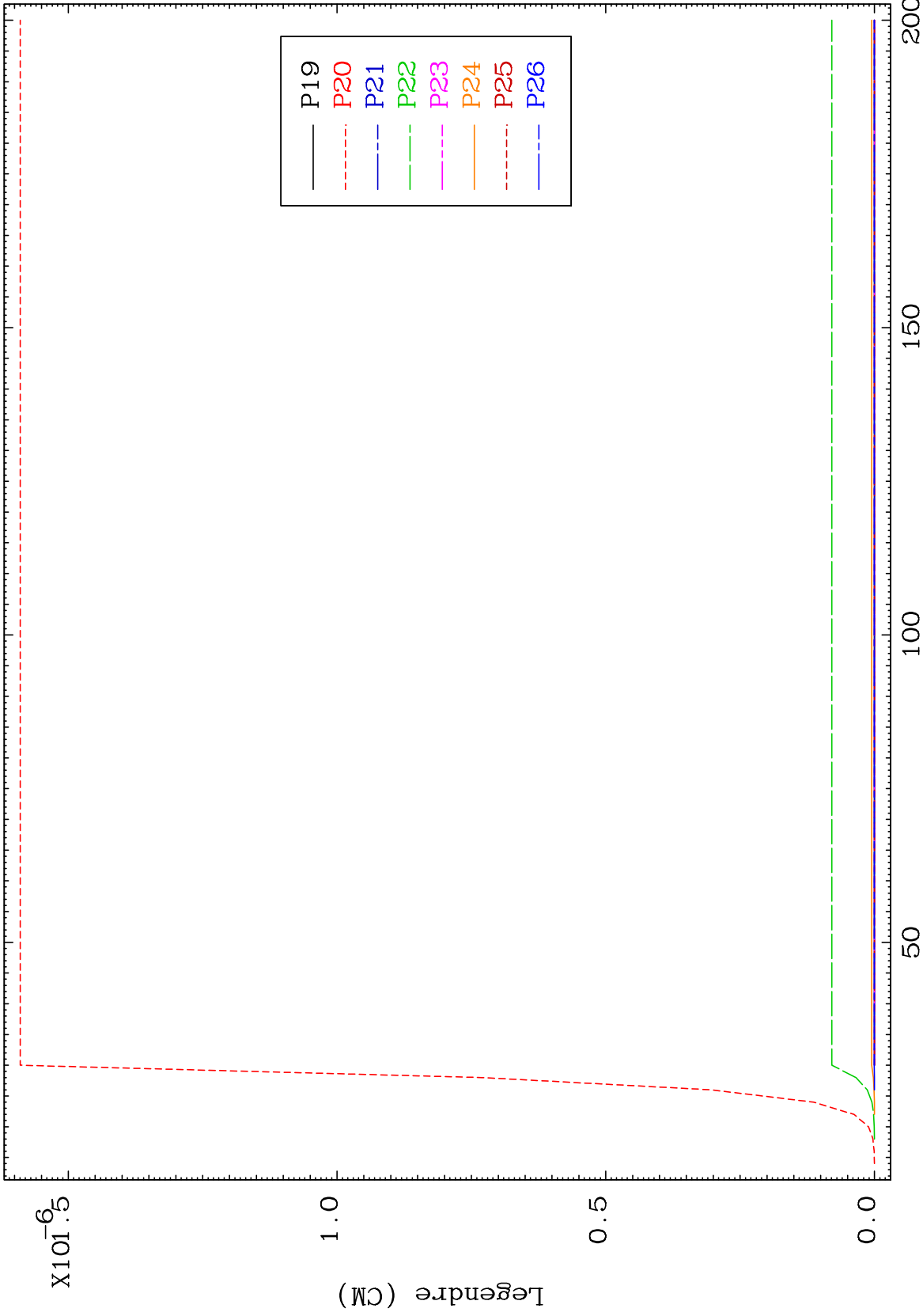
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129

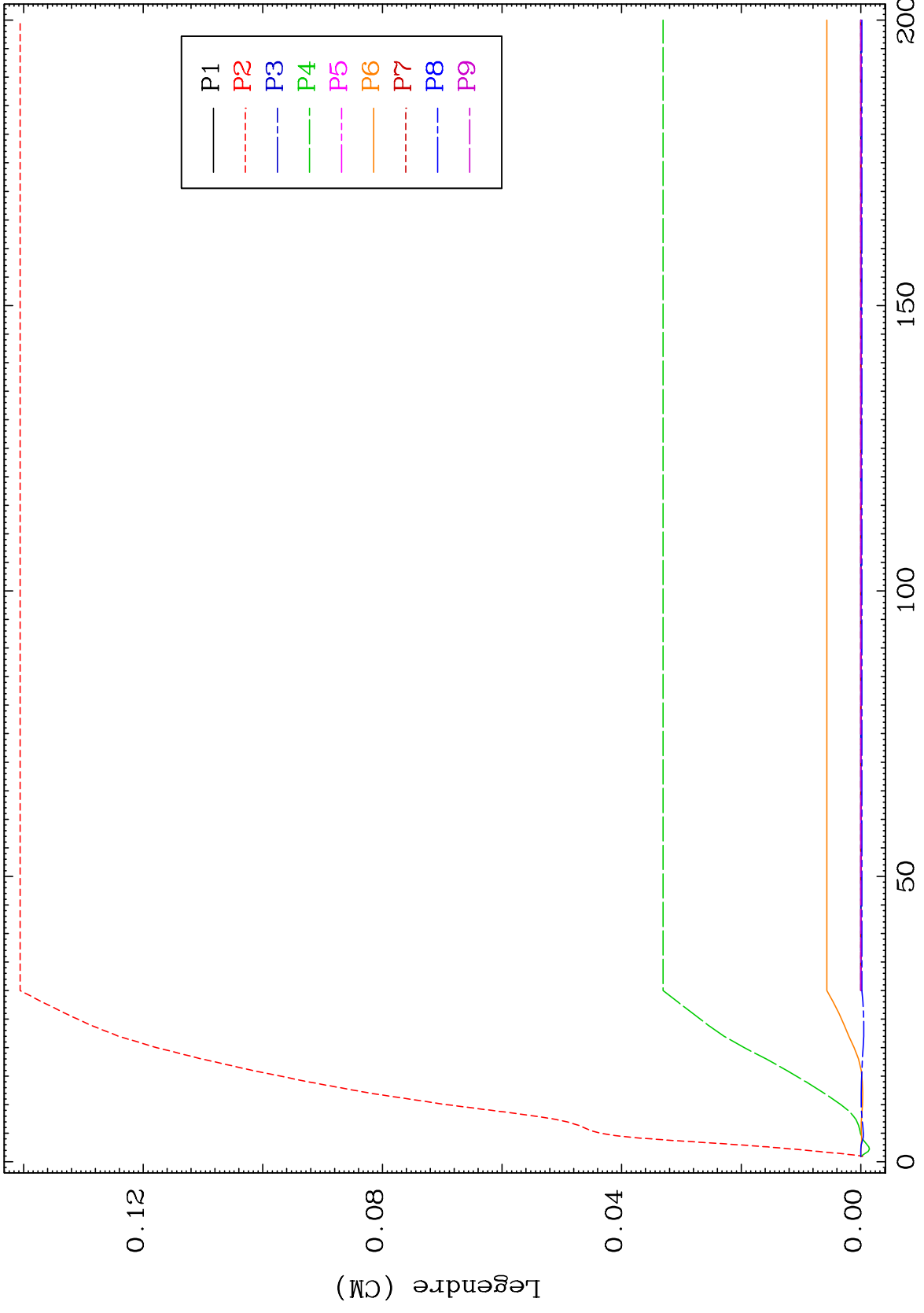


61

Incident Energy (MeV)

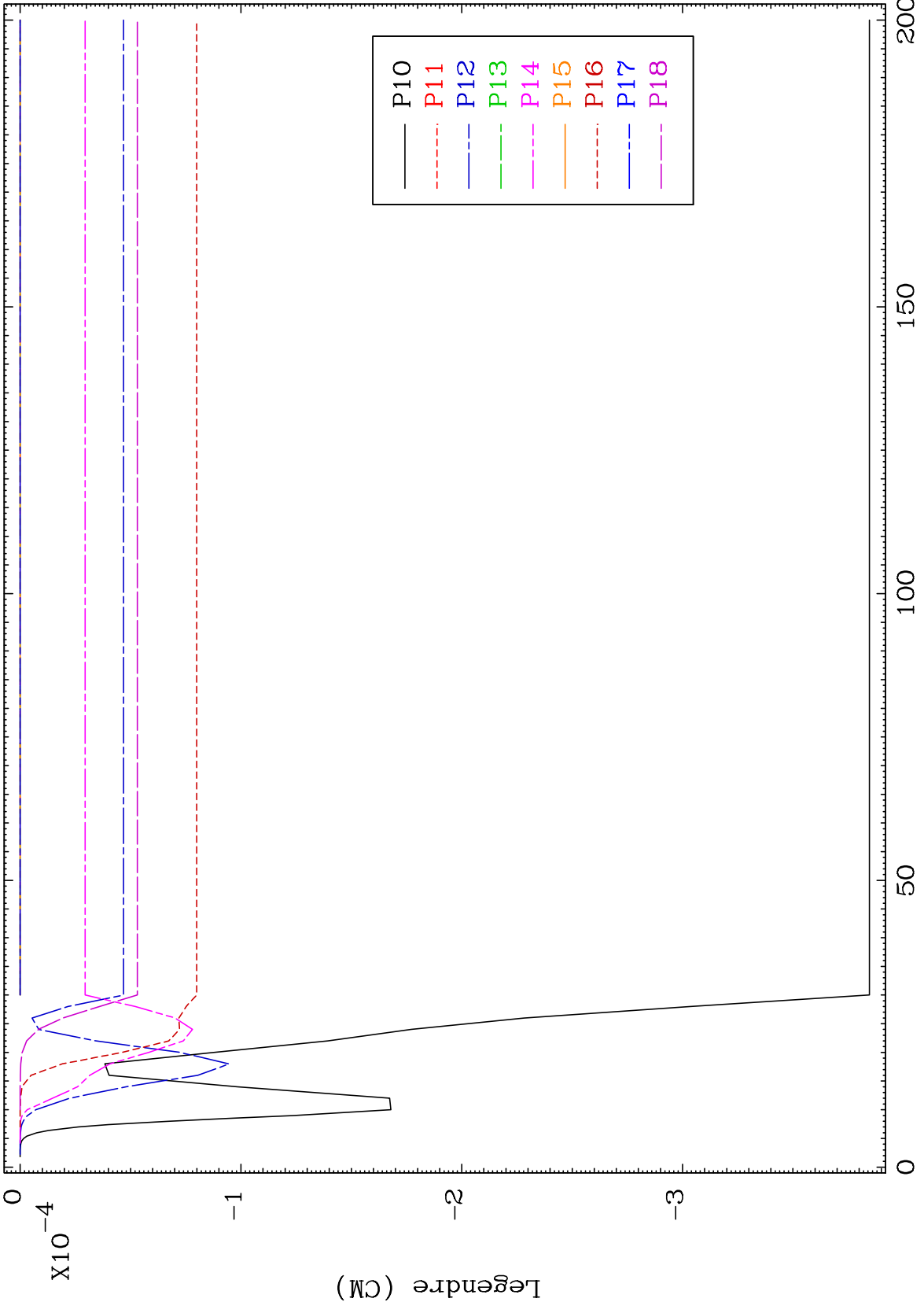
52-Te-129

MAT 5252 MT= 64 (n,n') Level Legendre Coefficients 52-Te-129



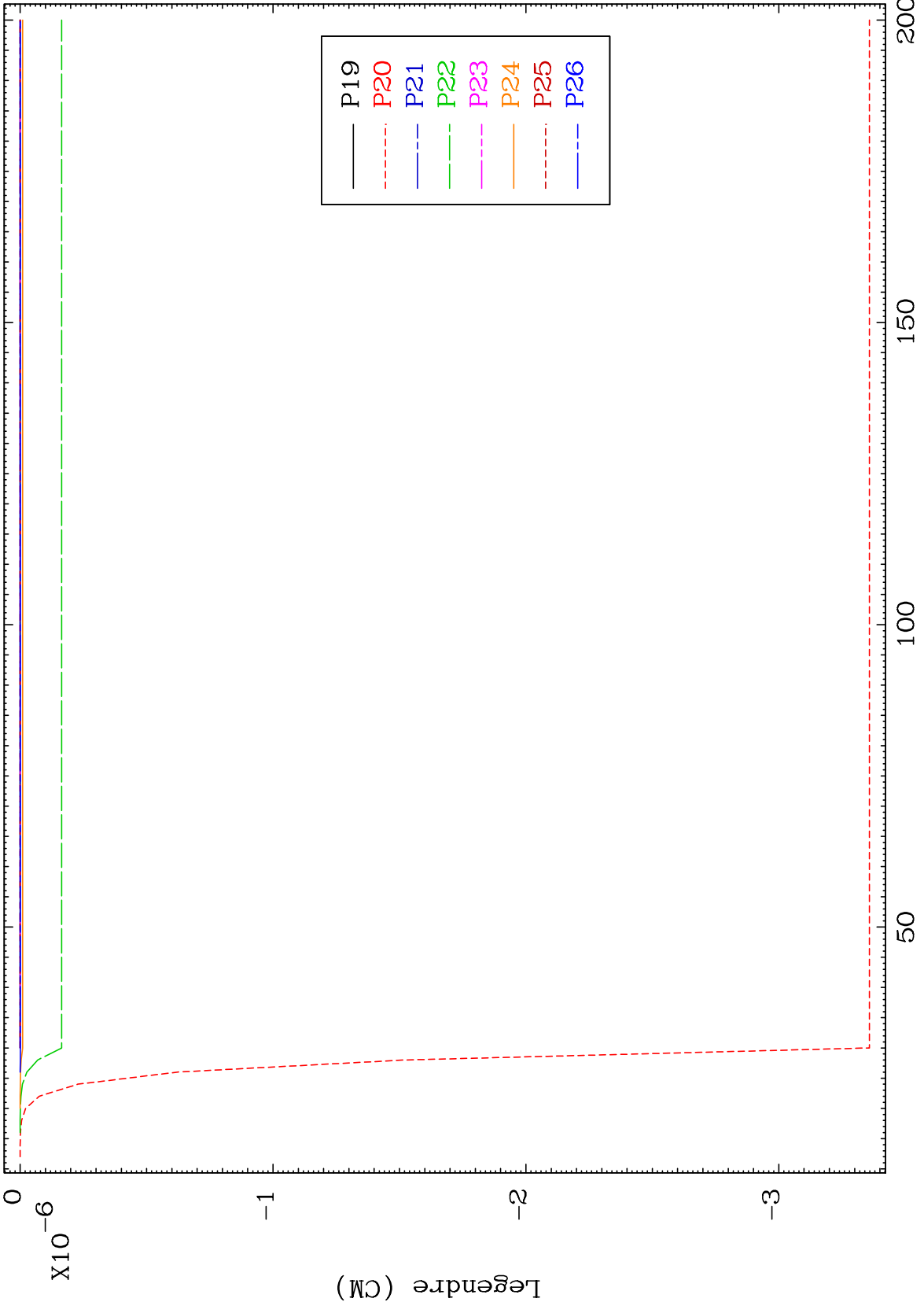
62 Incident Energy (MeV) 52-Te-129

MAT 5252 MT= 64 (n,n') Level Legendre Coefficients 52-Te-129



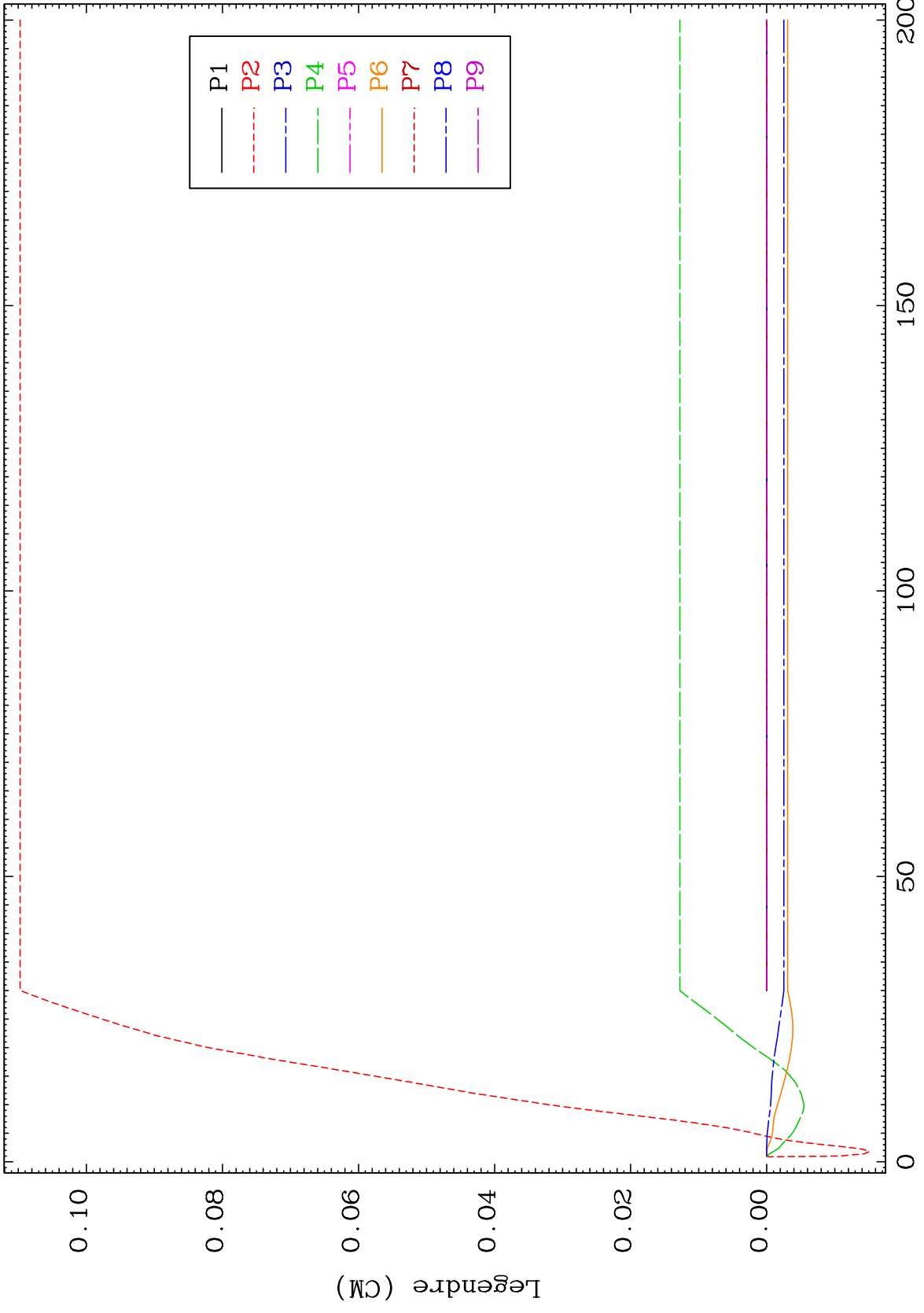
63 52-Te-129

MAT 5252 MT= 64 (n,n') Level Legendre Coefficients 52-Te-129



64 52-Te-129

MAT 5252 MT= 65 (n,n') Level Legendre Coefficients 52-Te-129

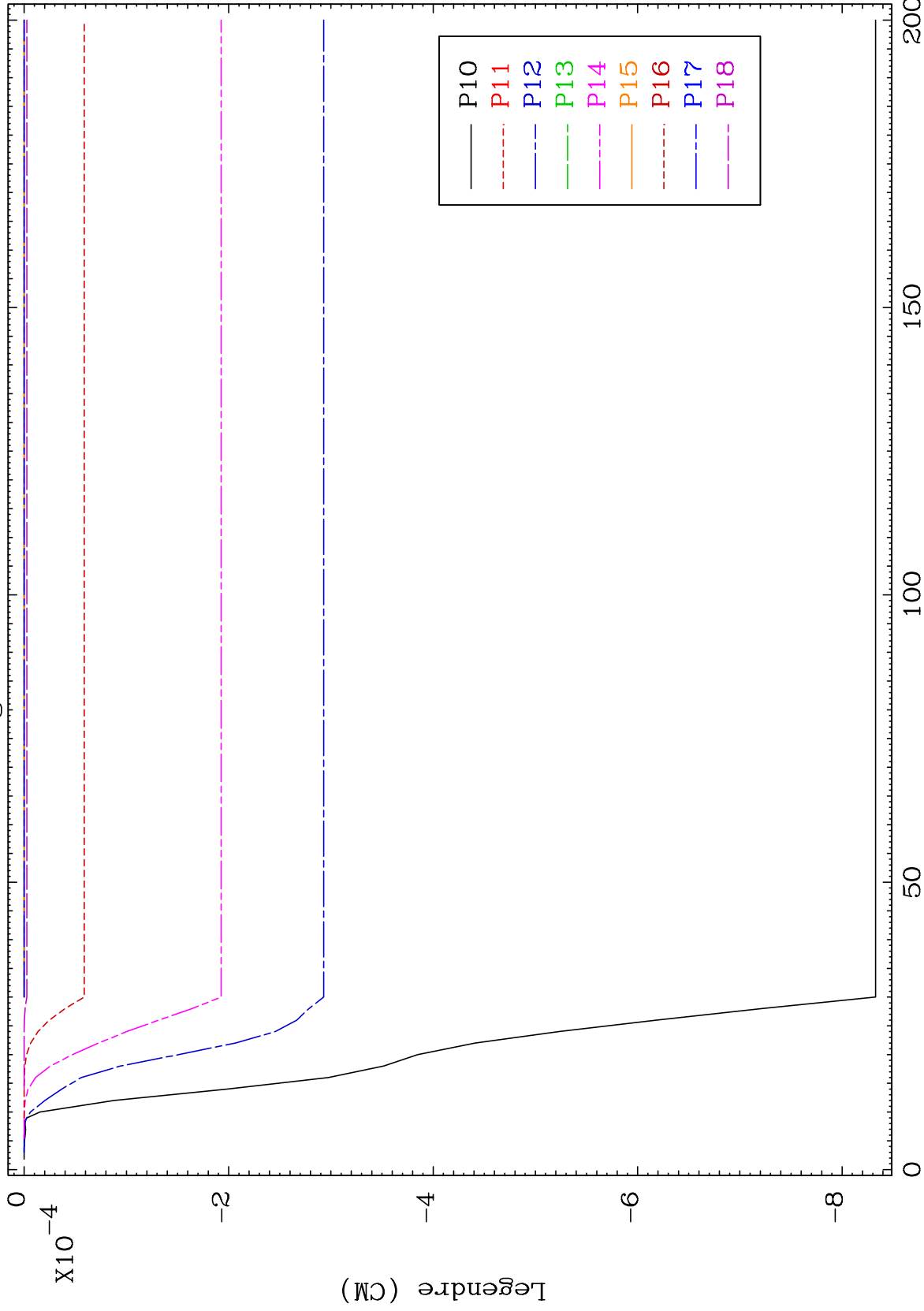


65 Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129

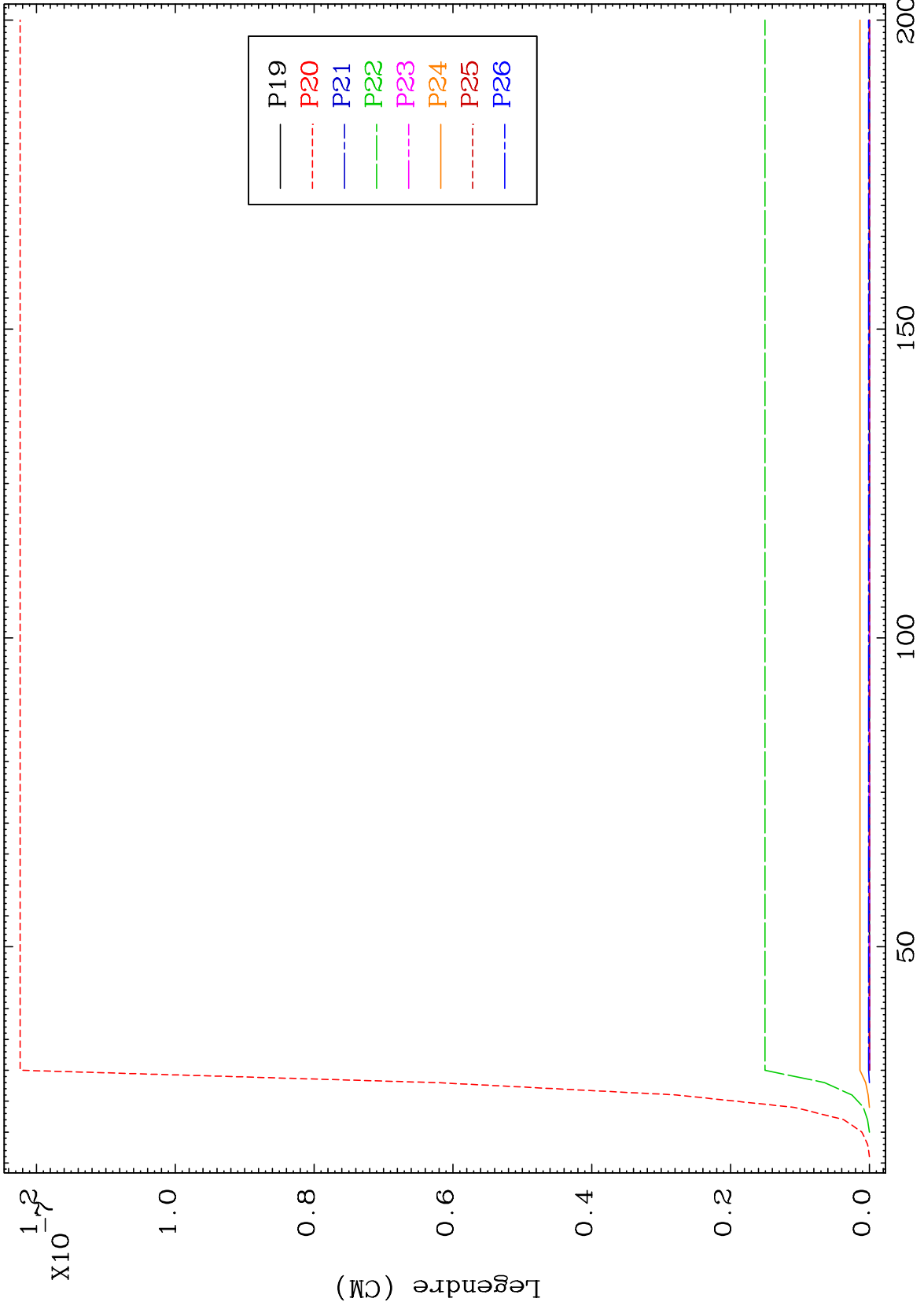


66

Incident Energy (MeV)

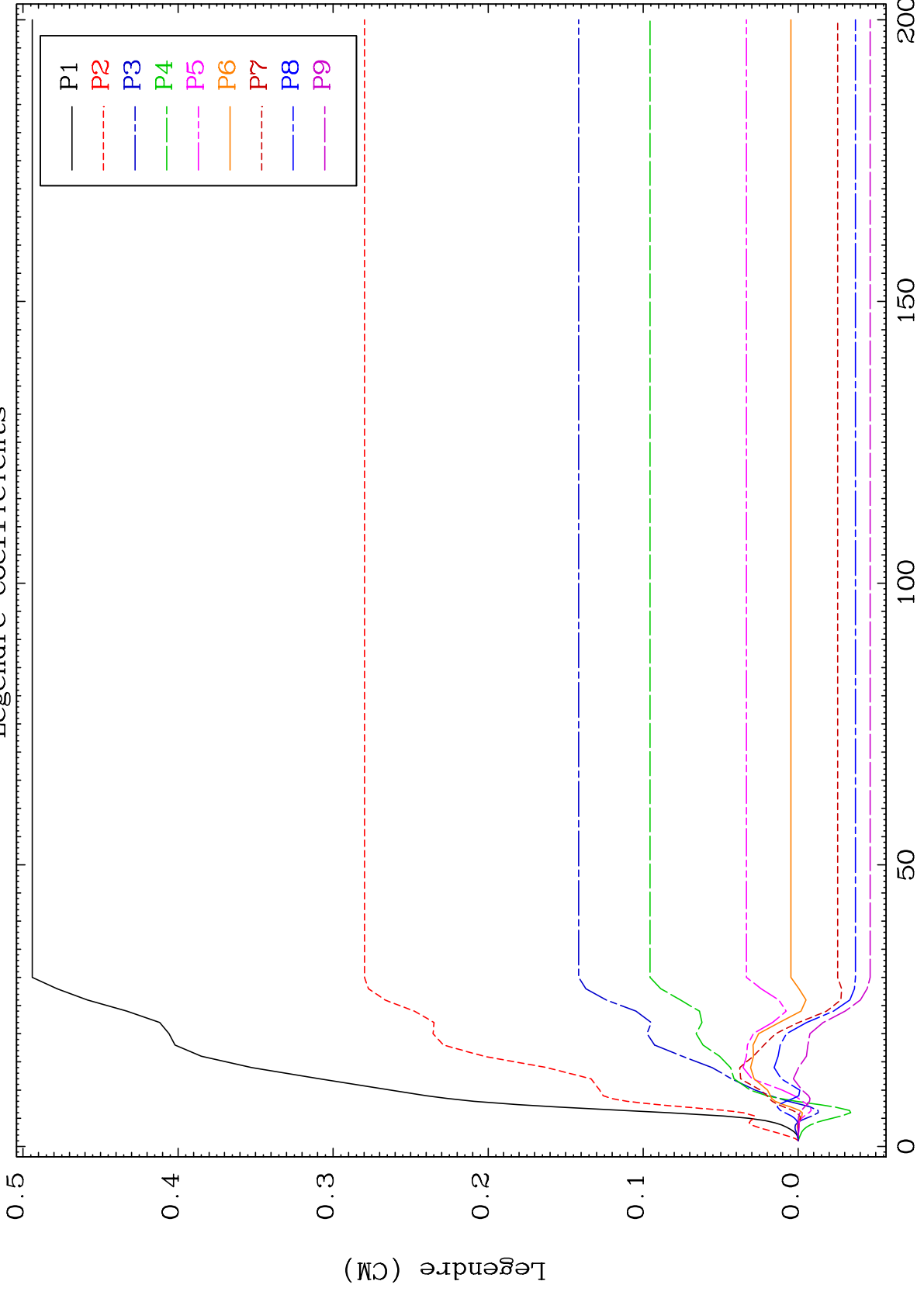
52-Te-129

MAT 5252 MT= 65 (n,n') Level Legendre Coefficients 52-Te-129



67 Incident Energy (MeV) 52-Te-129

MAT 5252 MT= 66 (n,n') Level Legendre Coefficients 52-Te-129

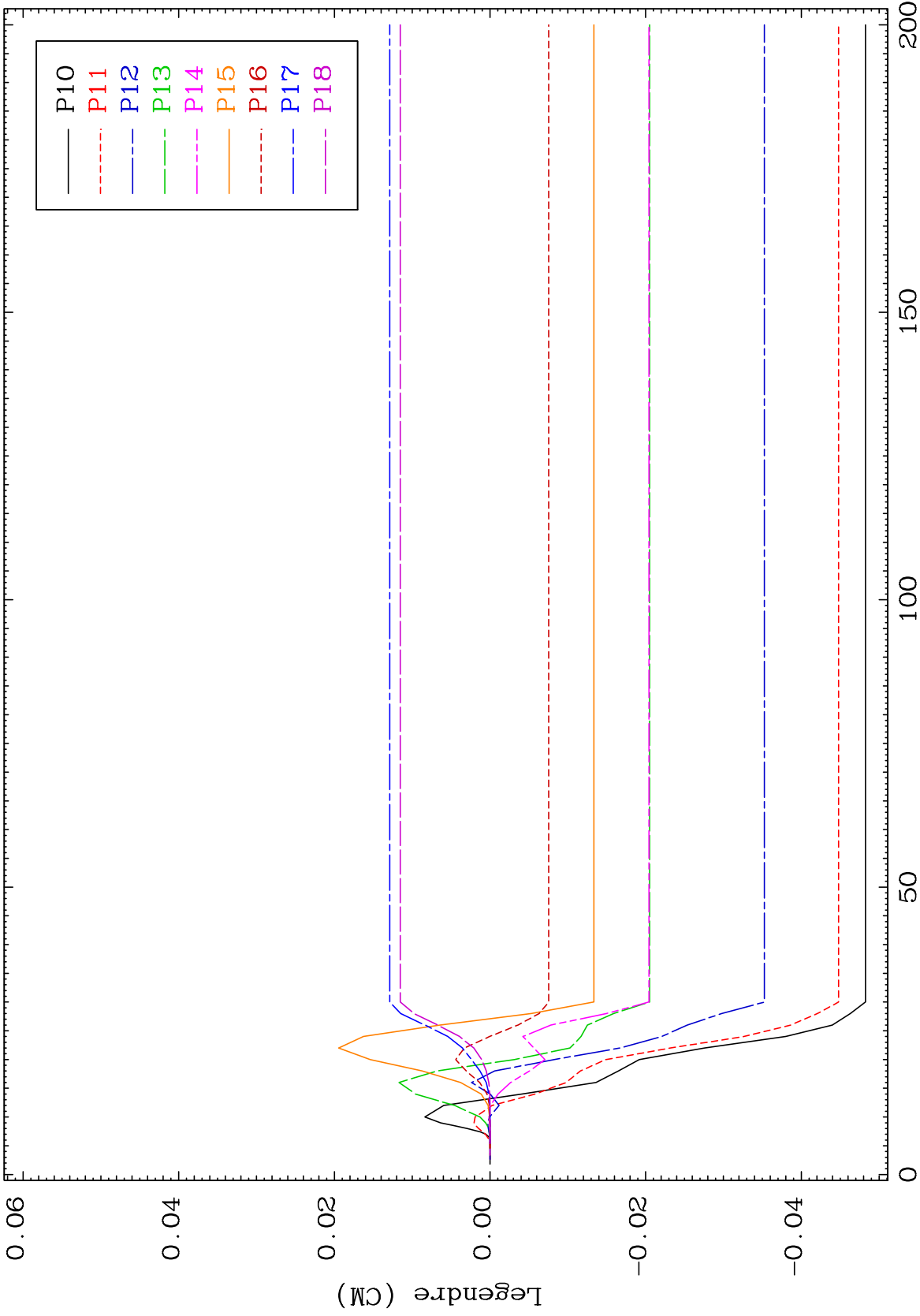


68 52-Te-129

MAT 5252

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

52-Te-129

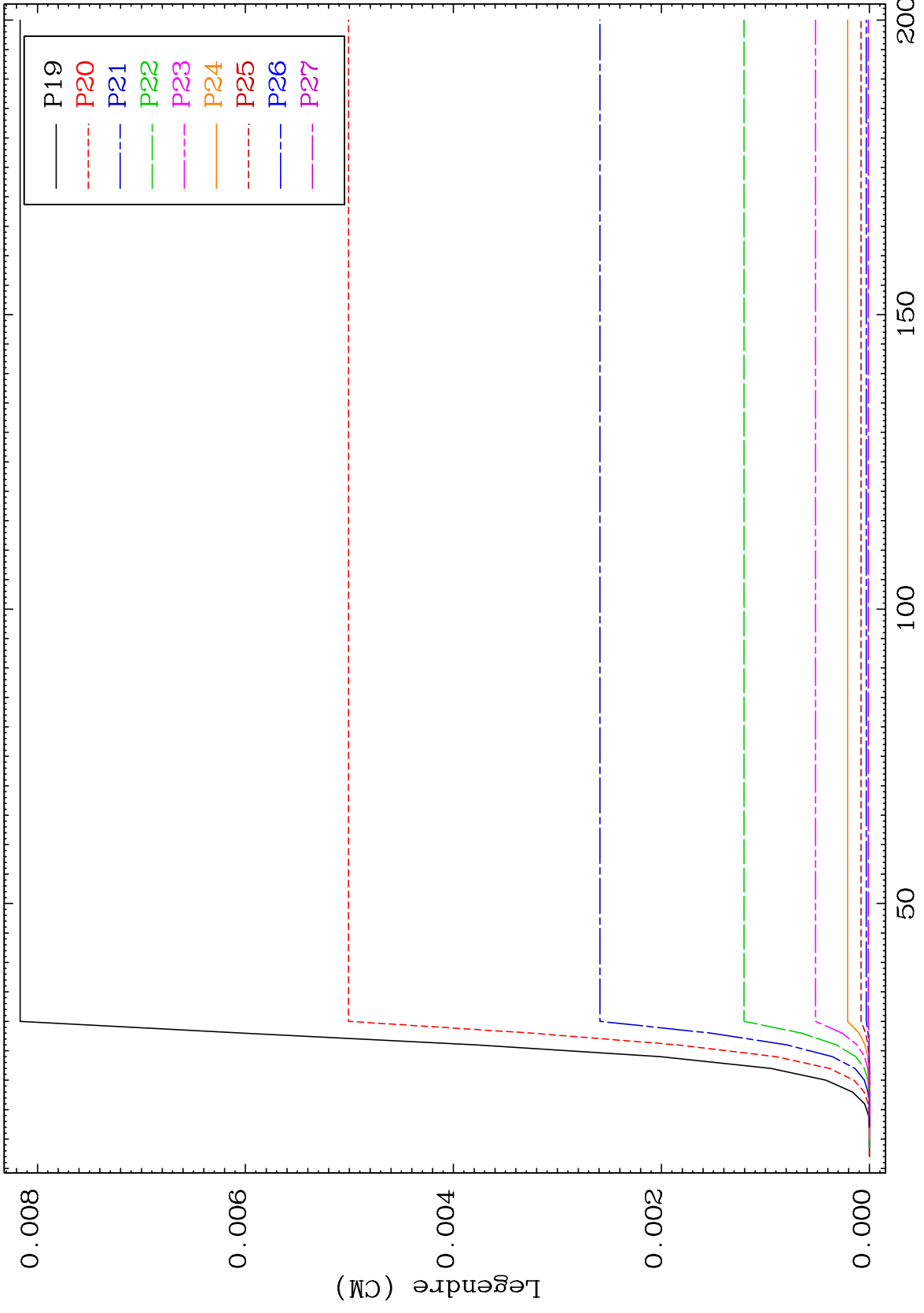


69

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 66 (n,n') Level Legendre Coefficients 52-Te-129

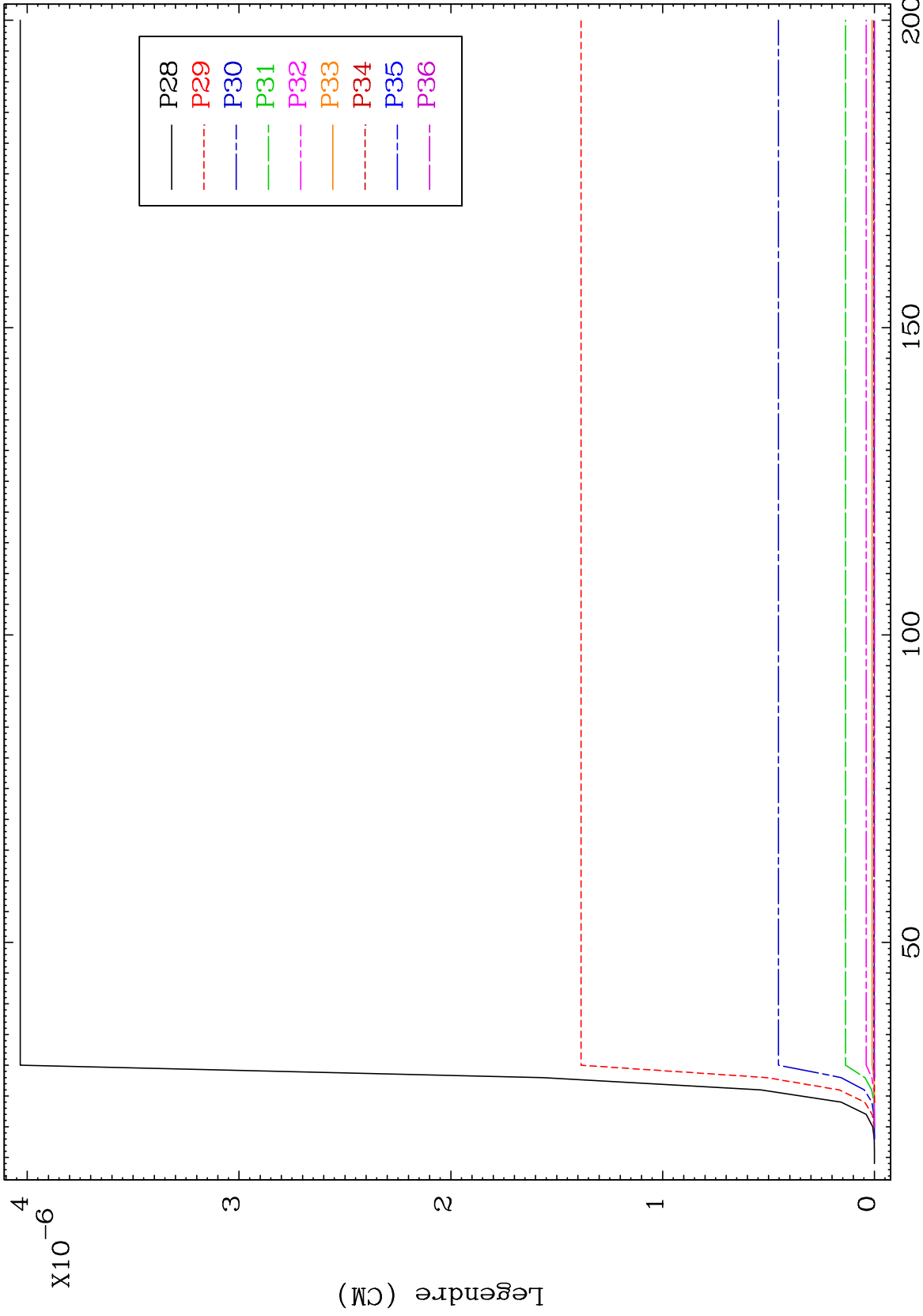


70 Incident Energy (MeV) 52-Te-129

MAT 5252

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

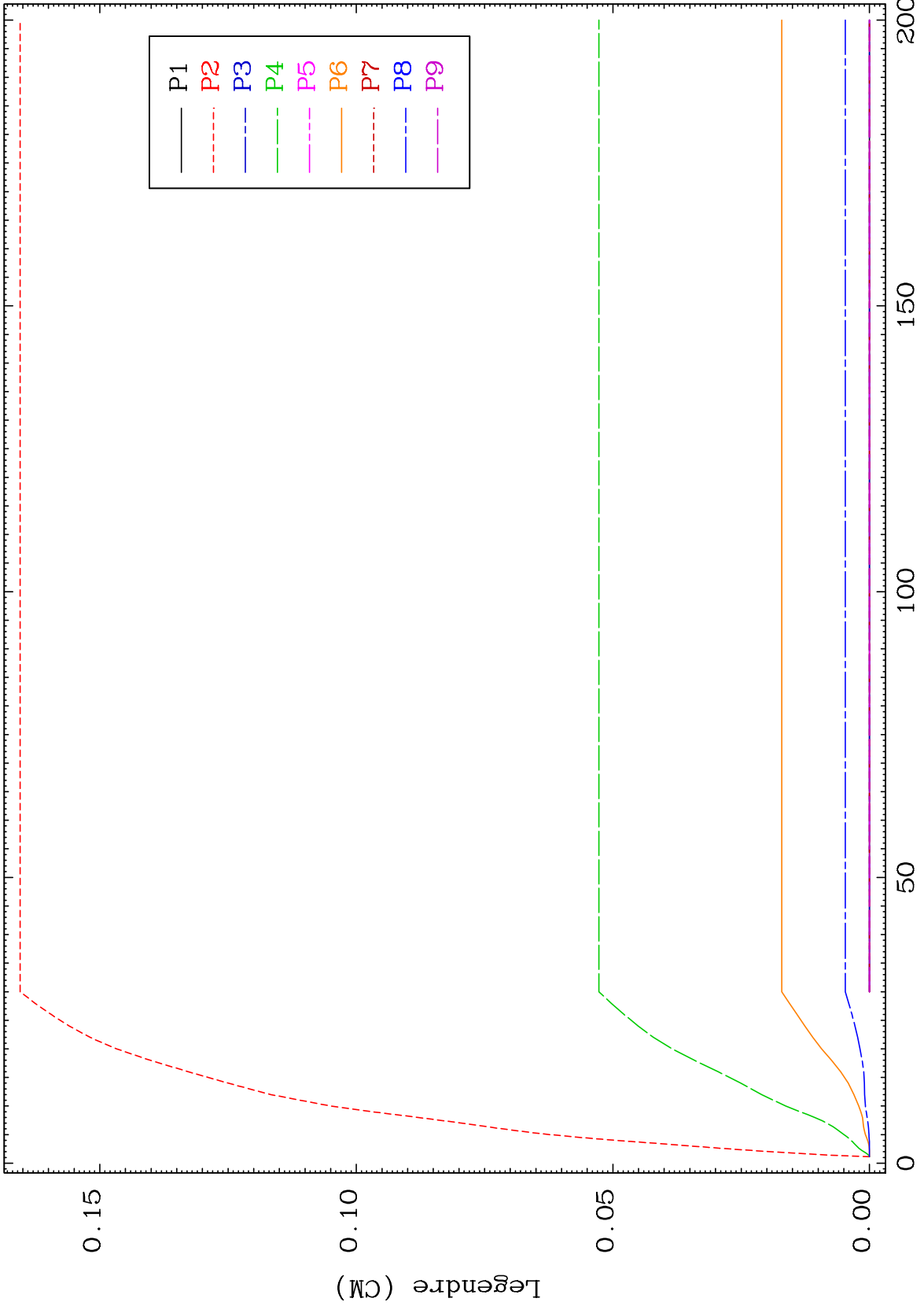
52-Te-129



71

52-Te-129

MAT 5252 MT= 67 (n,n') Level Legendre Coefficients 52-Te-129

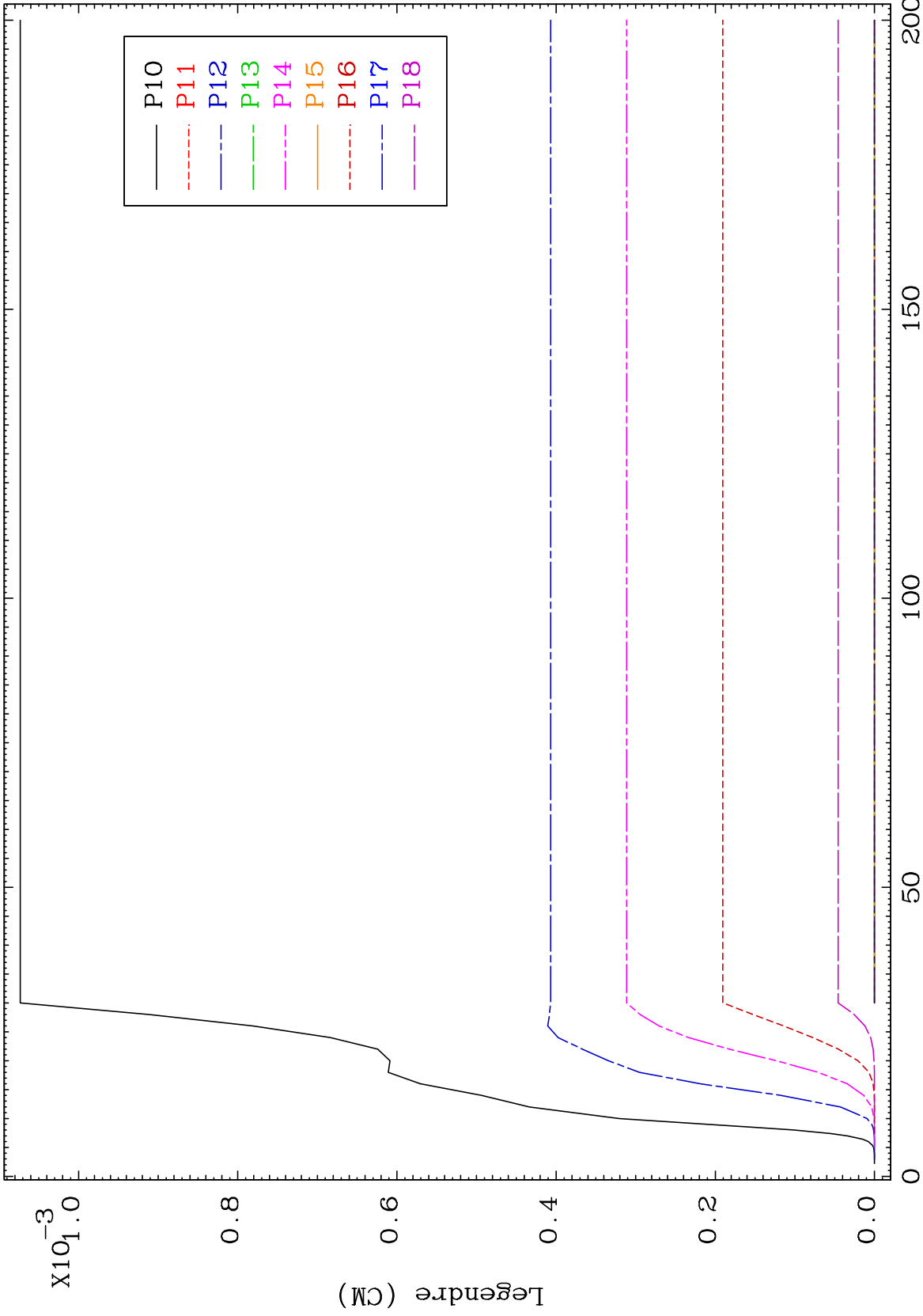


72 52-Te-129

MAT 5252

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

52-Te-129

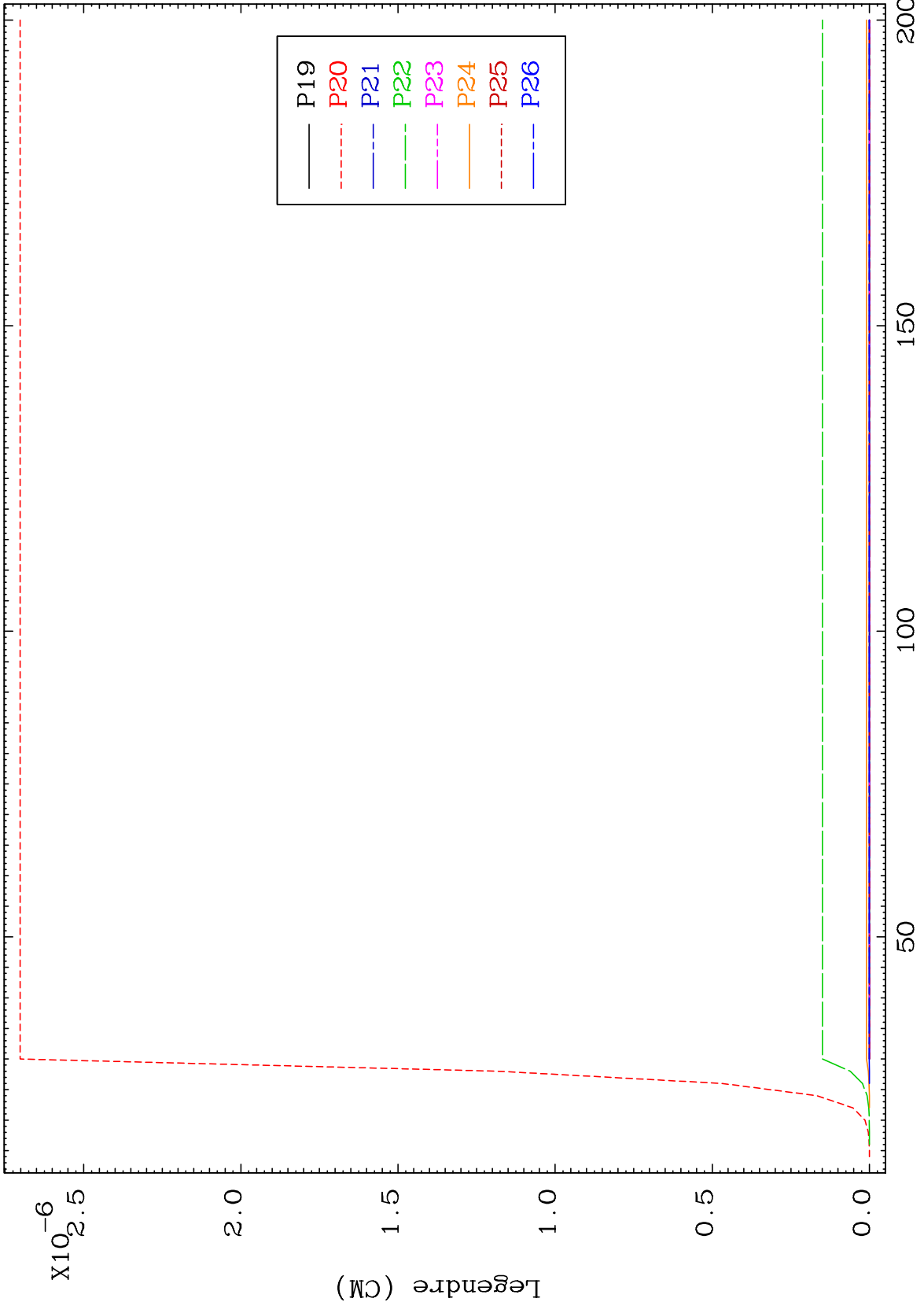


73

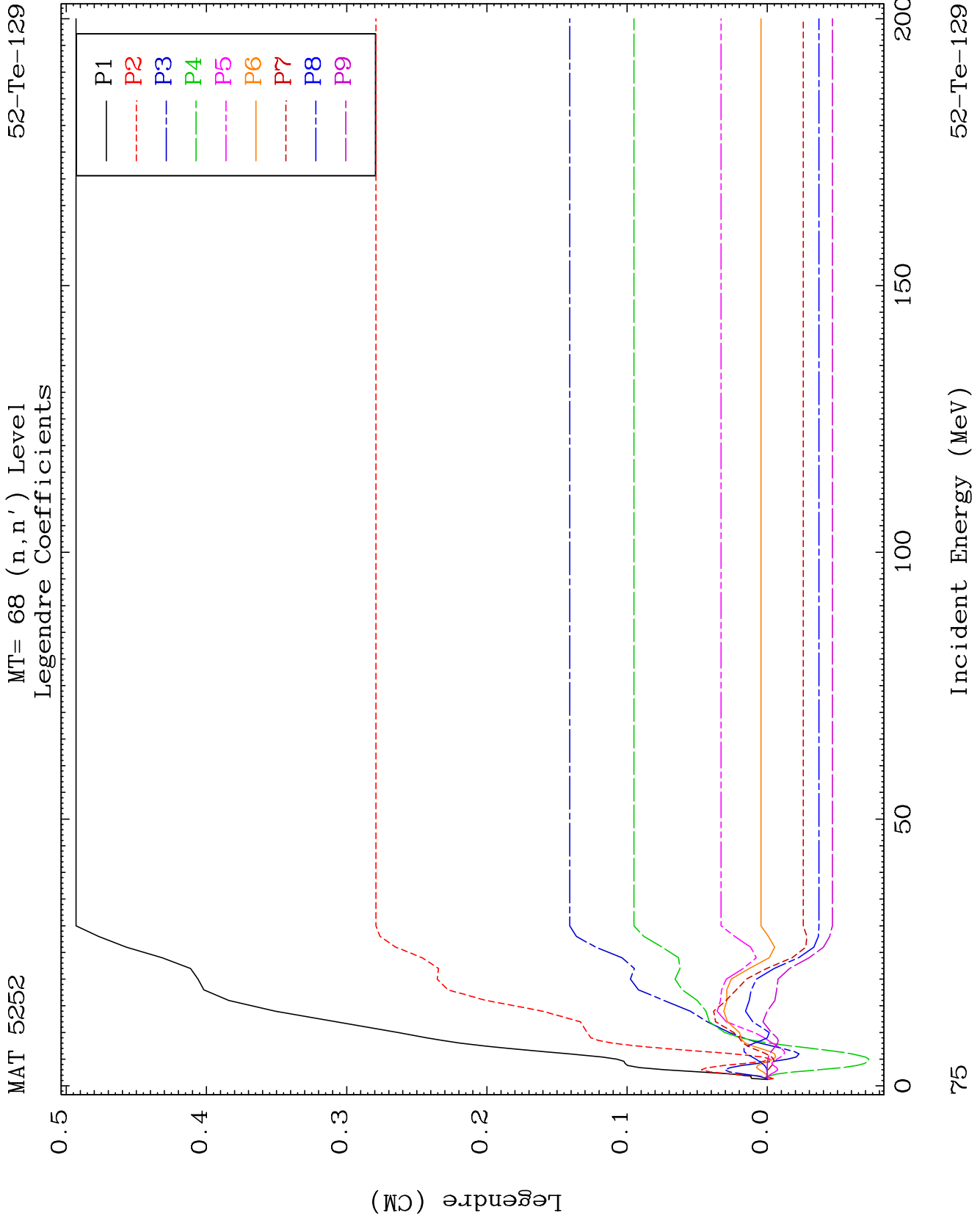
Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 67 (n,n') Level Legendre Coefficients 52-Te-129



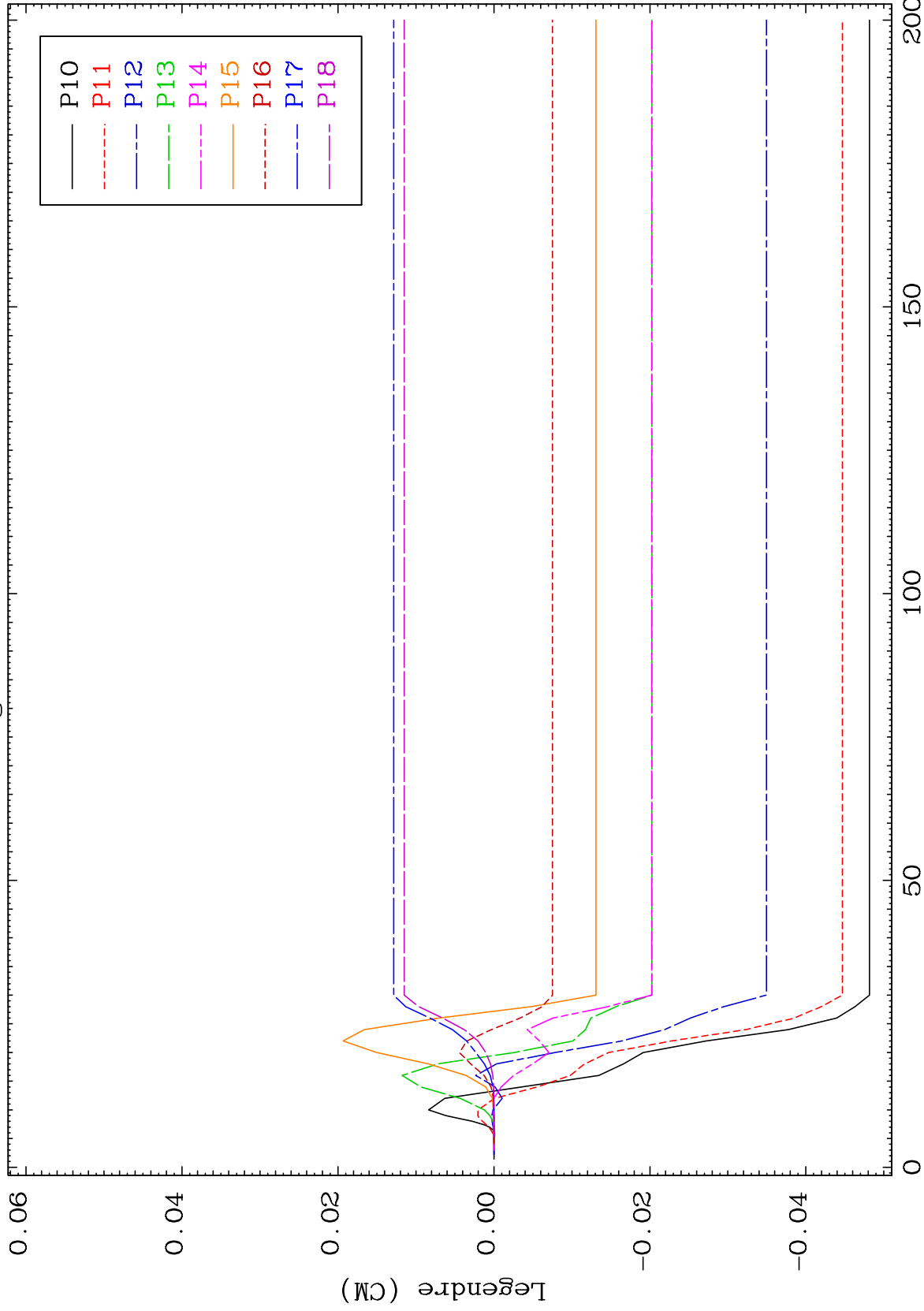
74 52-Te-129



MAT 5252

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

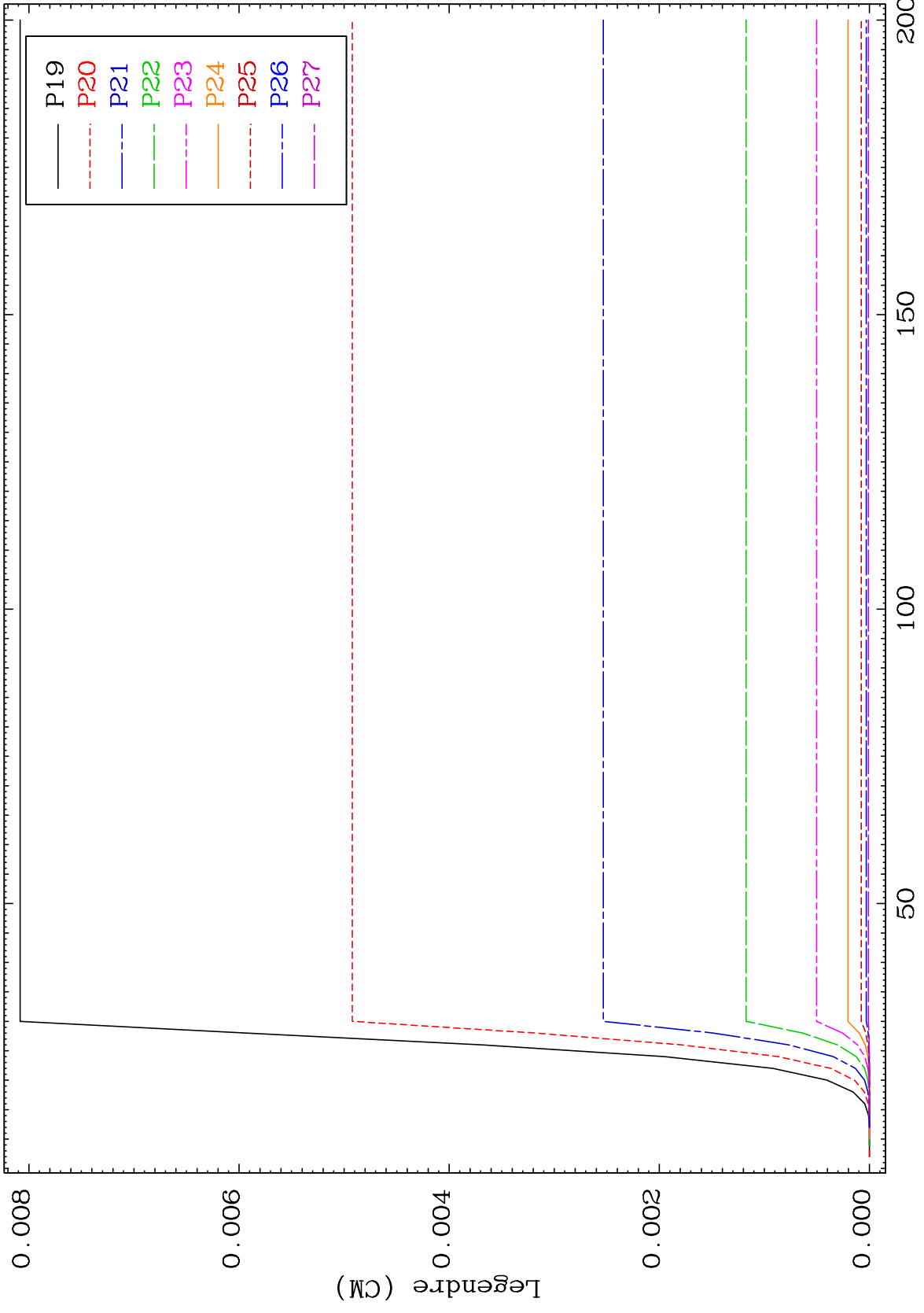
52-Te-129



76

Incident Energy (MeV)

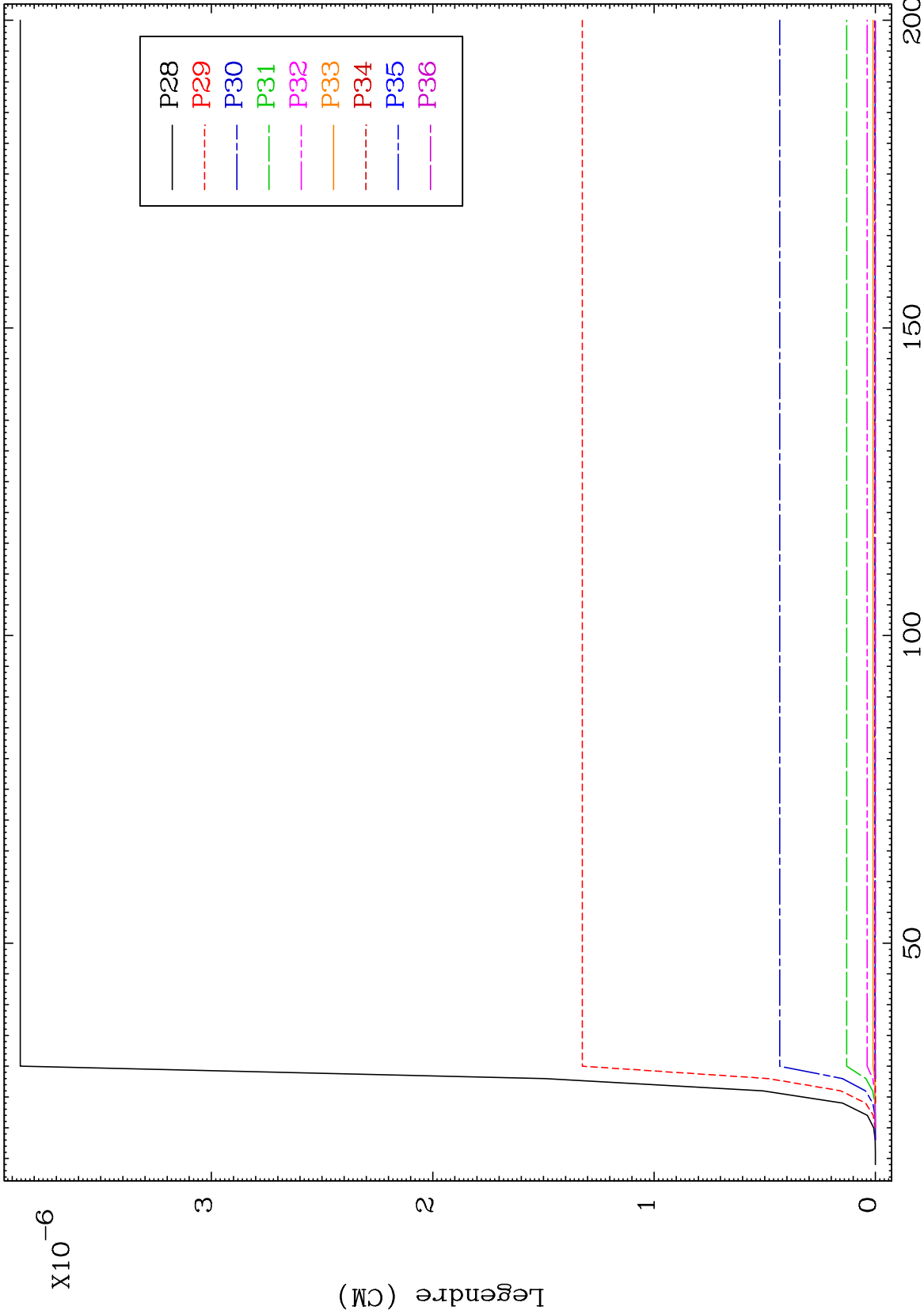
52-Te-129



MAT 5252

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

52-Te-129



78

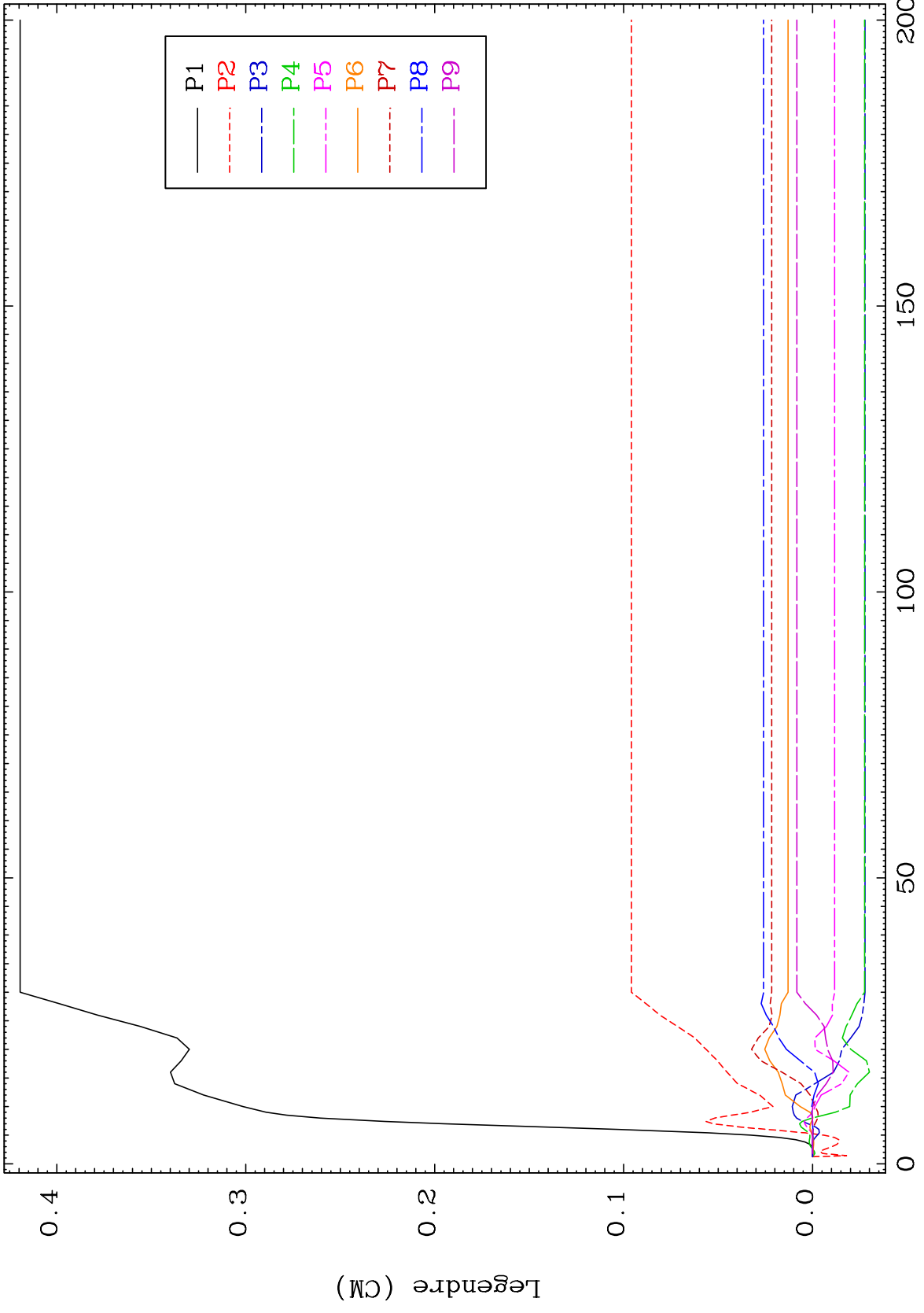
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129

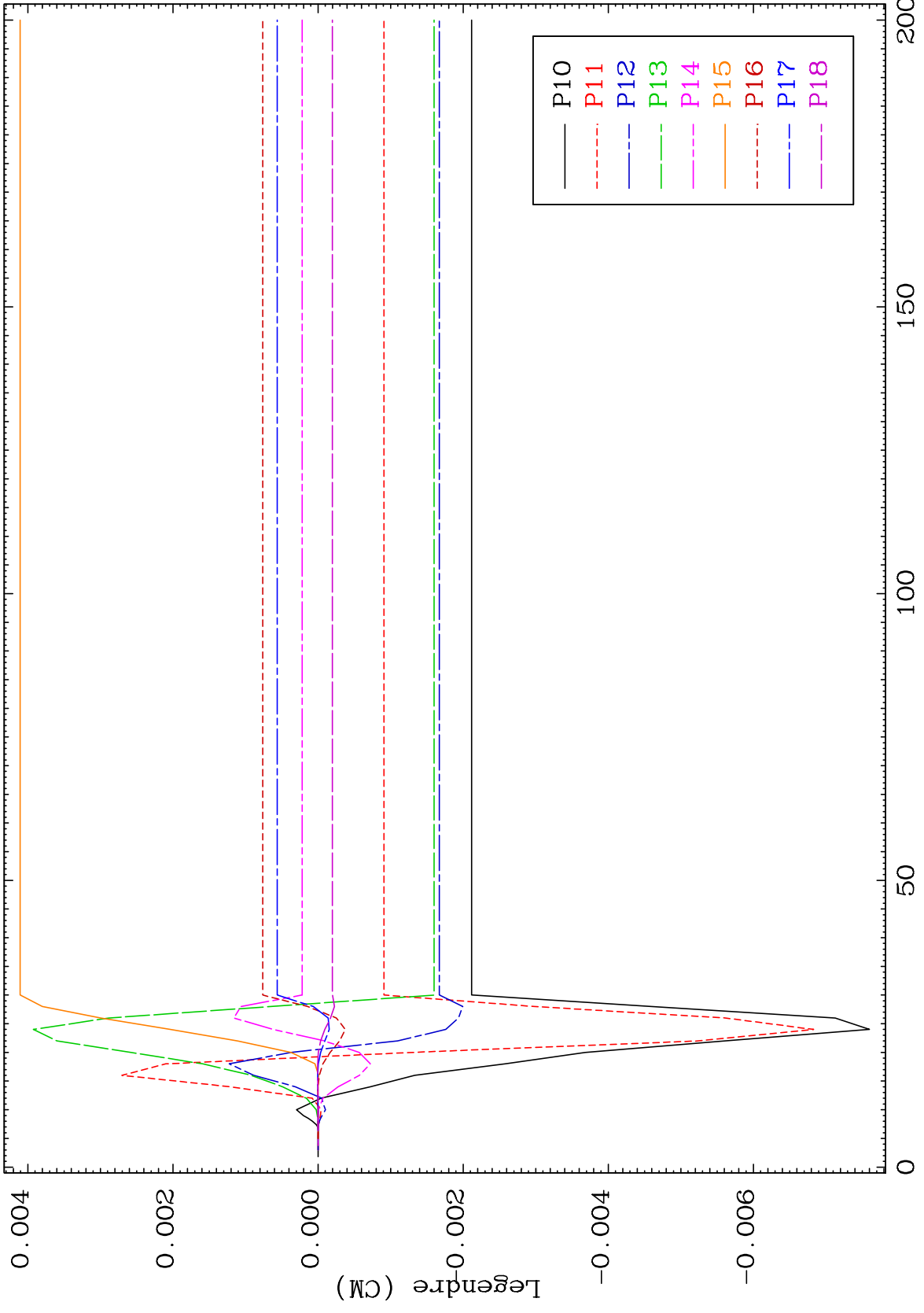


79

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 69 (n,n') Level Legendre Coefficients 52-Te-129

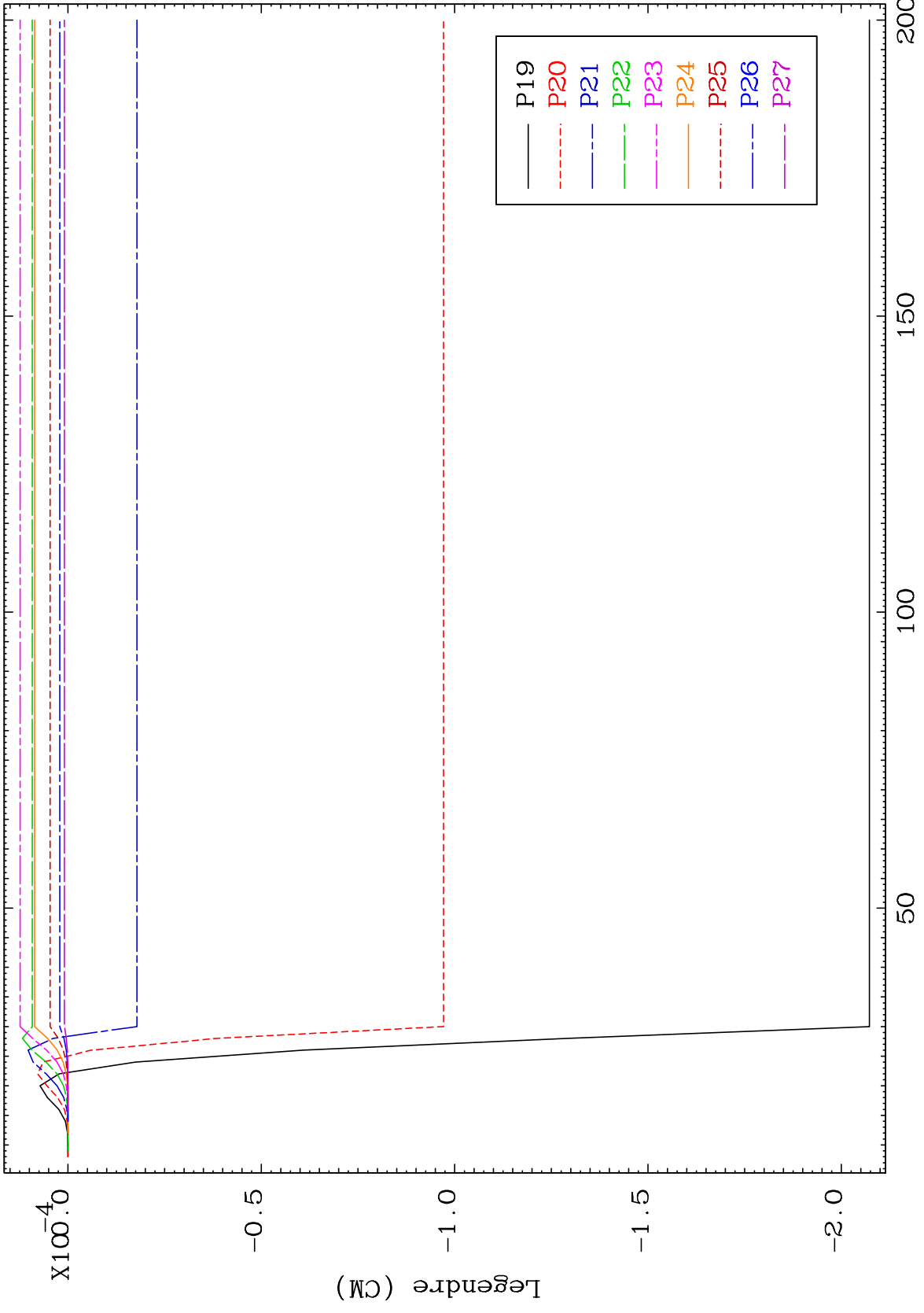


80 Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129



52-Te-129

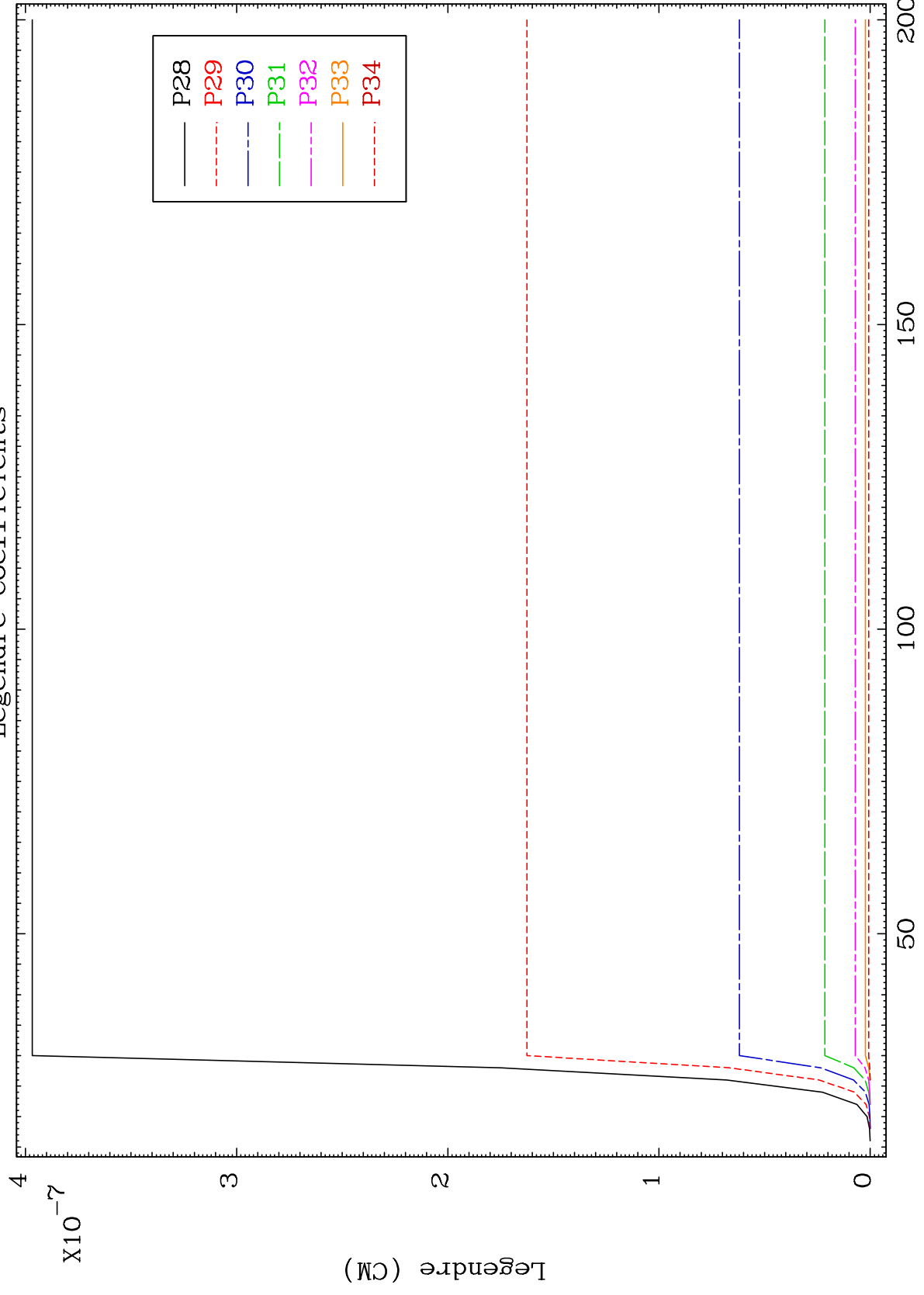
Incident Energy (MeV)

81

MAT 5252

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

52-Te-129



82

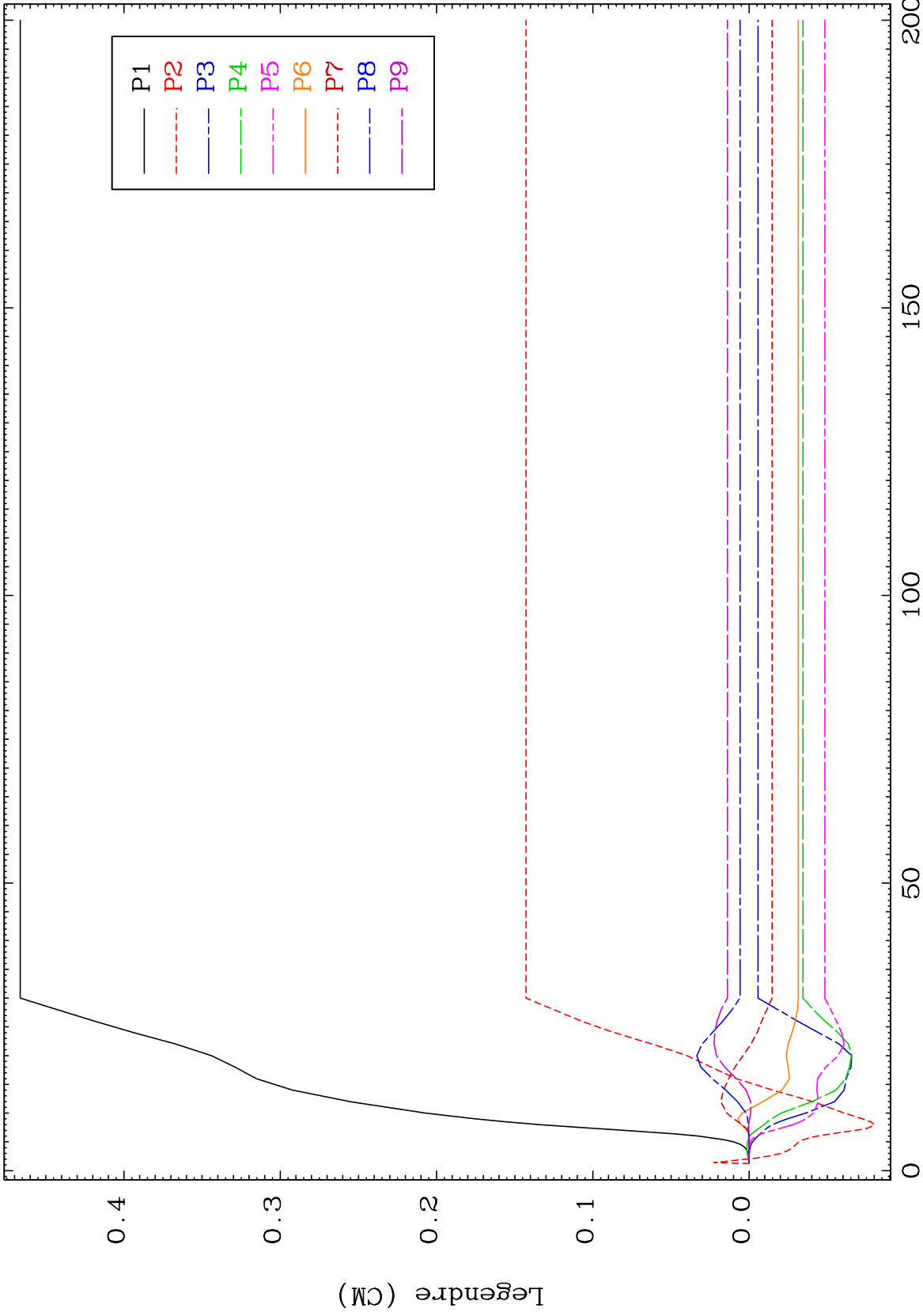
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



83

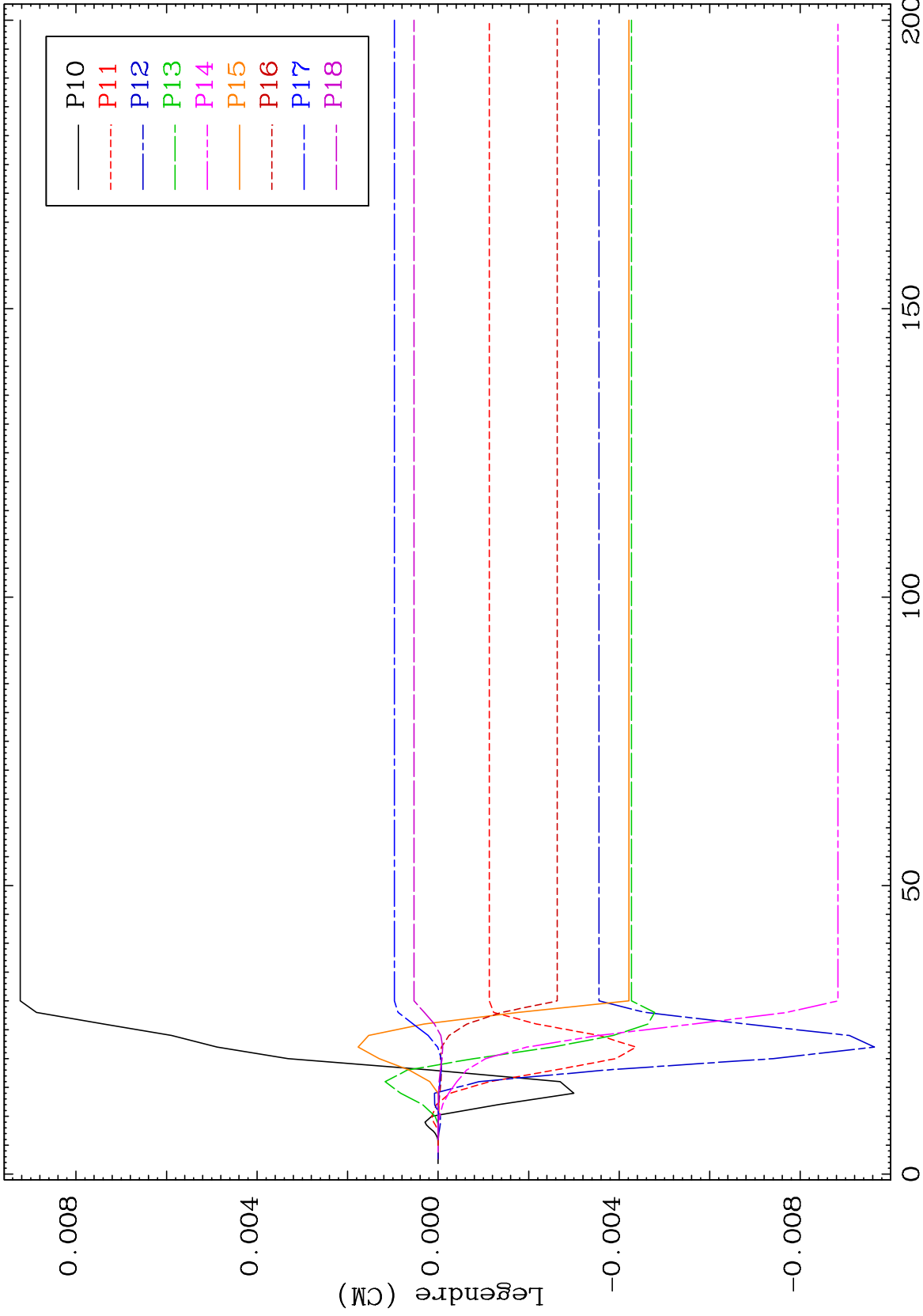
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



84

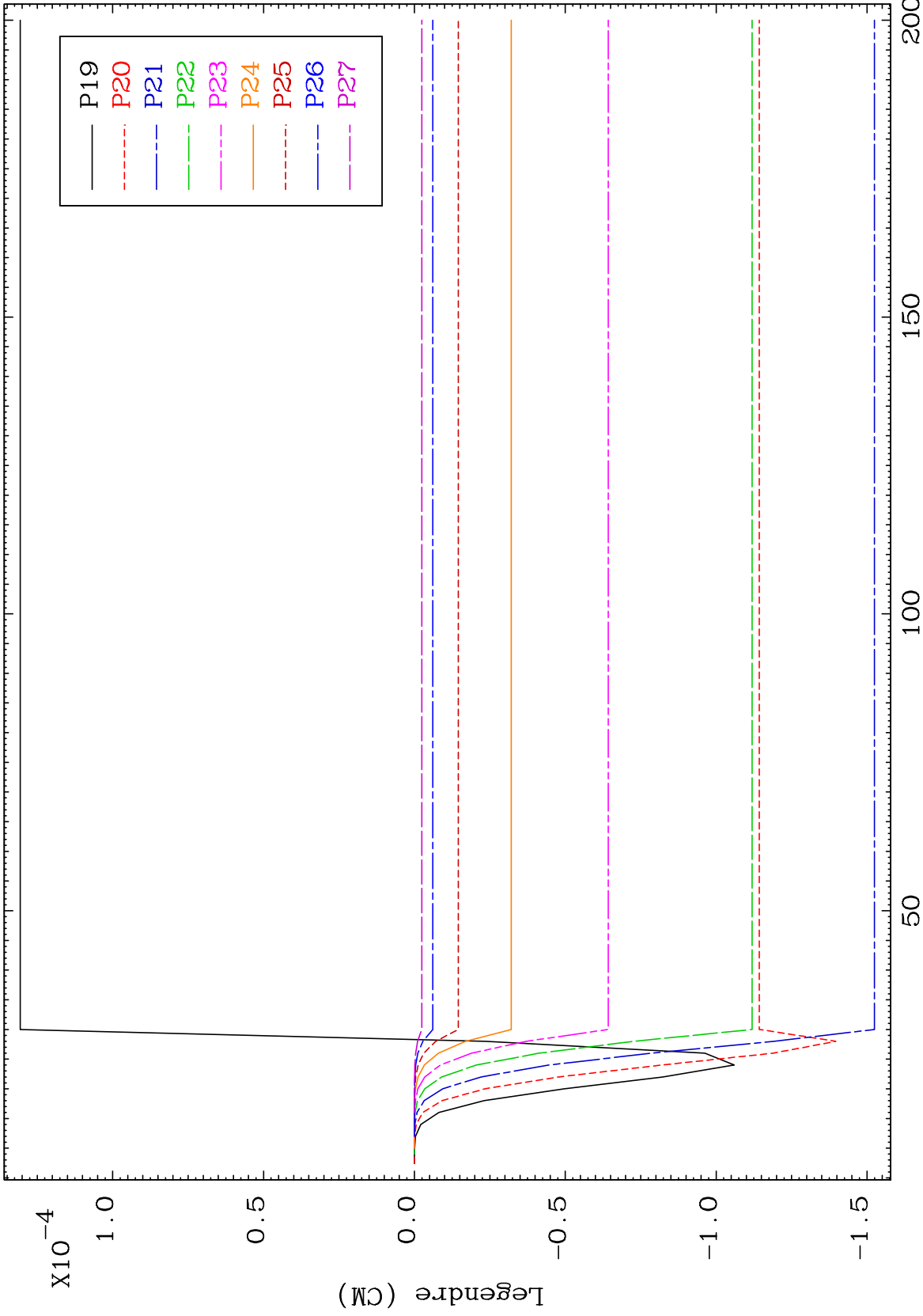
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



85

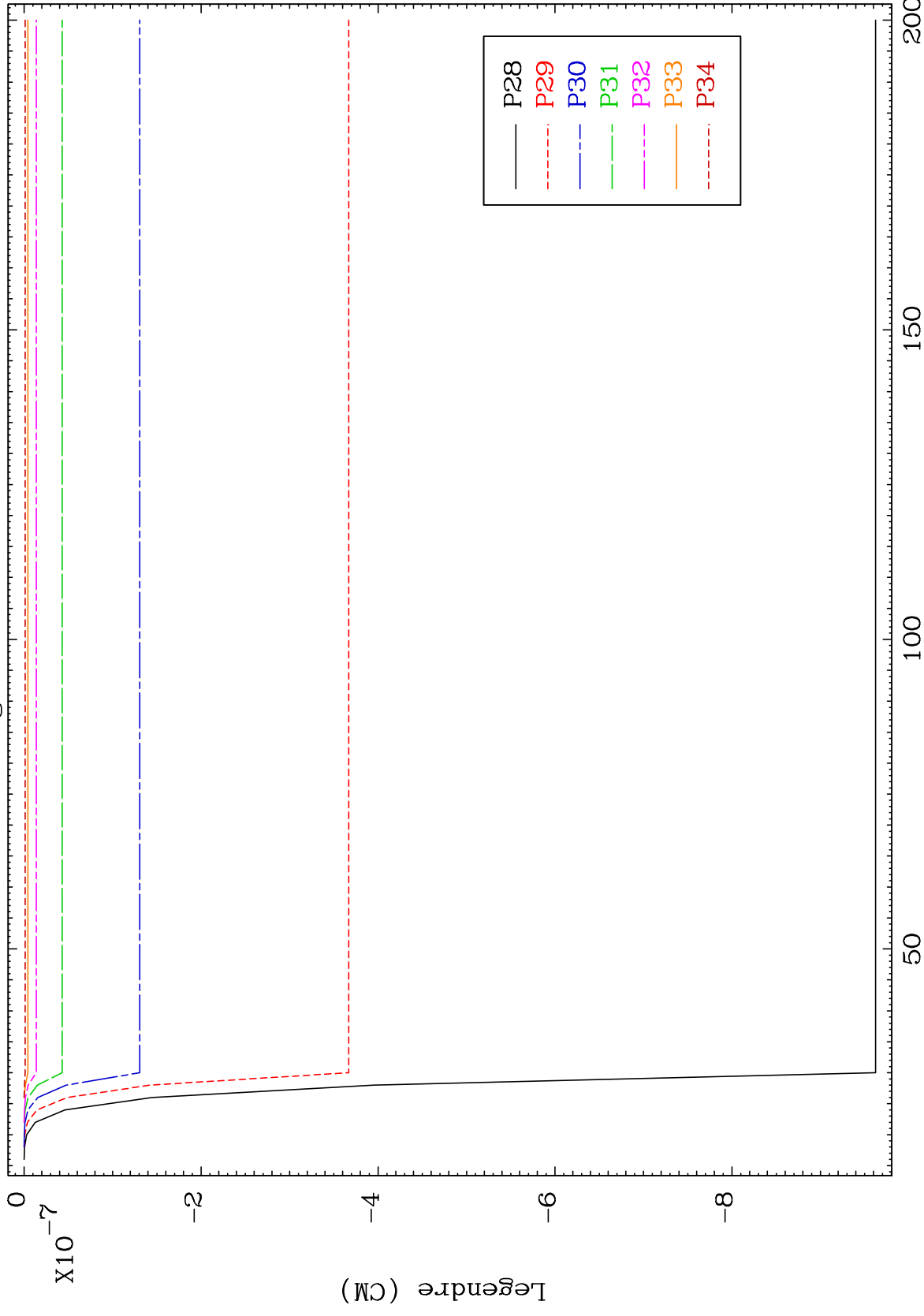
Incident Energy (MeV)

52-Te-129

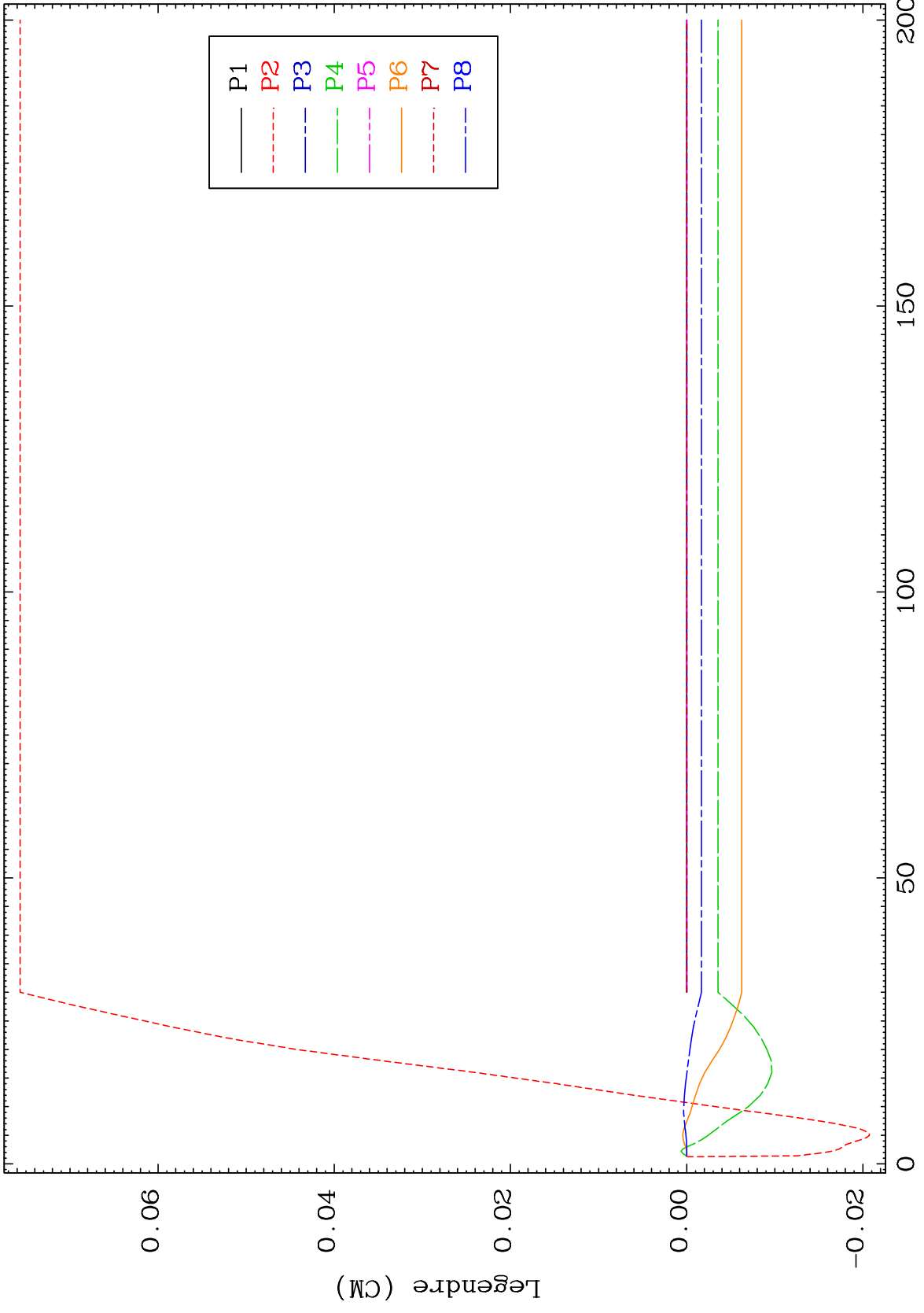
MAT 5252

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

52-Te-129



MAT 5252 MT= 71 (n,n') Level Legendre Coefficients 52-Te-129

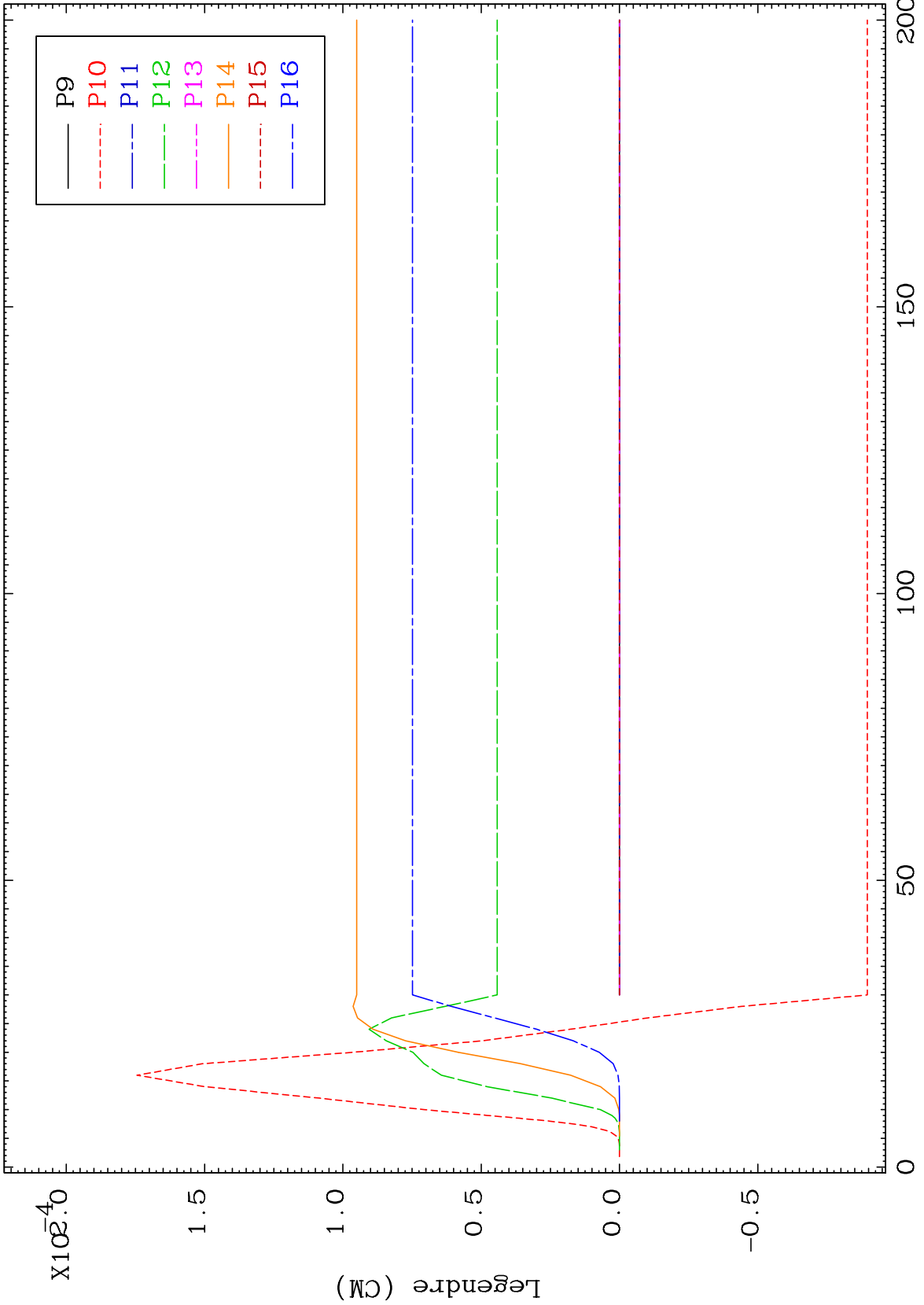


87 52-Te-129

MAT 5252

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

52-Te-129

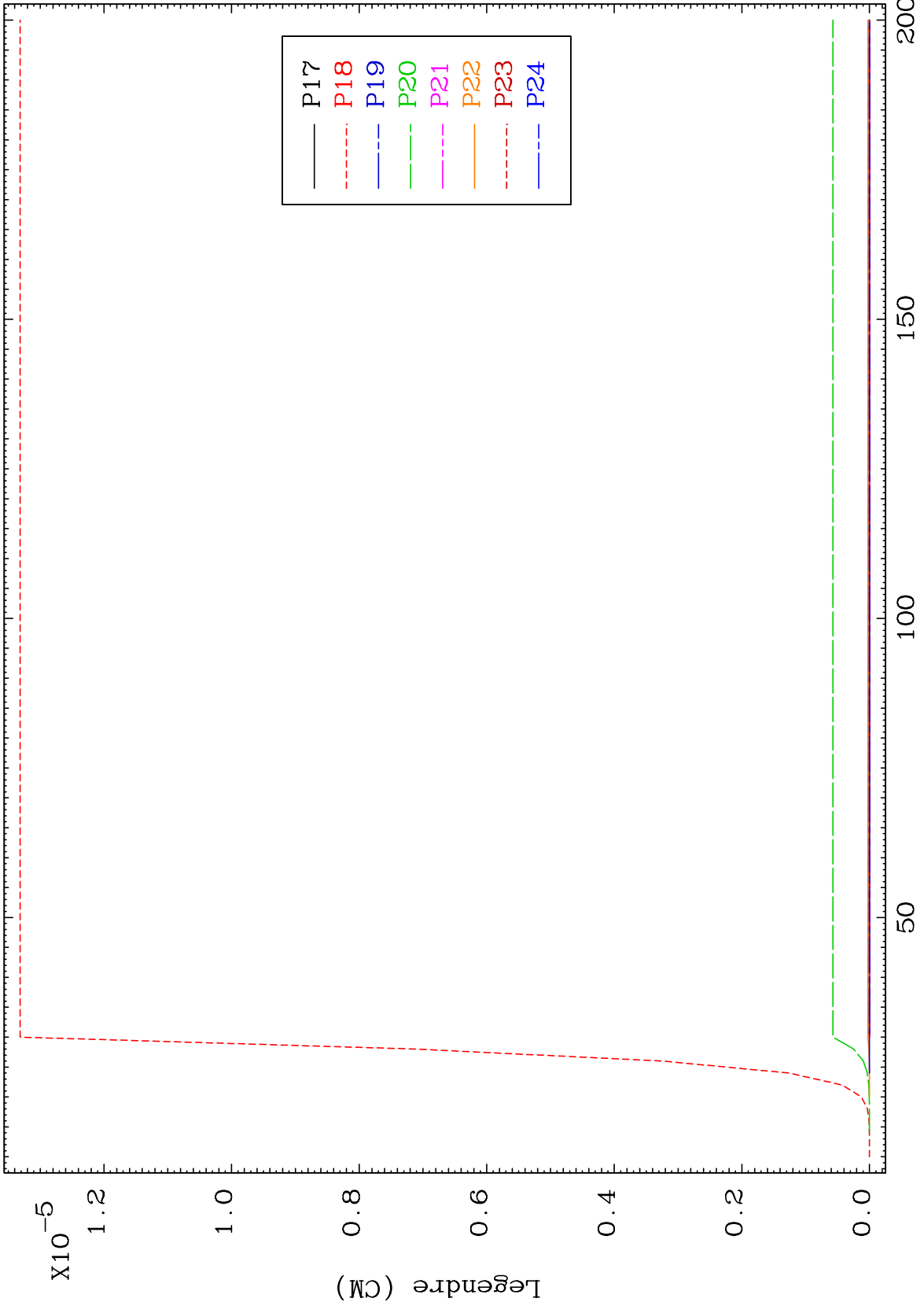


88

Incident Energy (MeV)

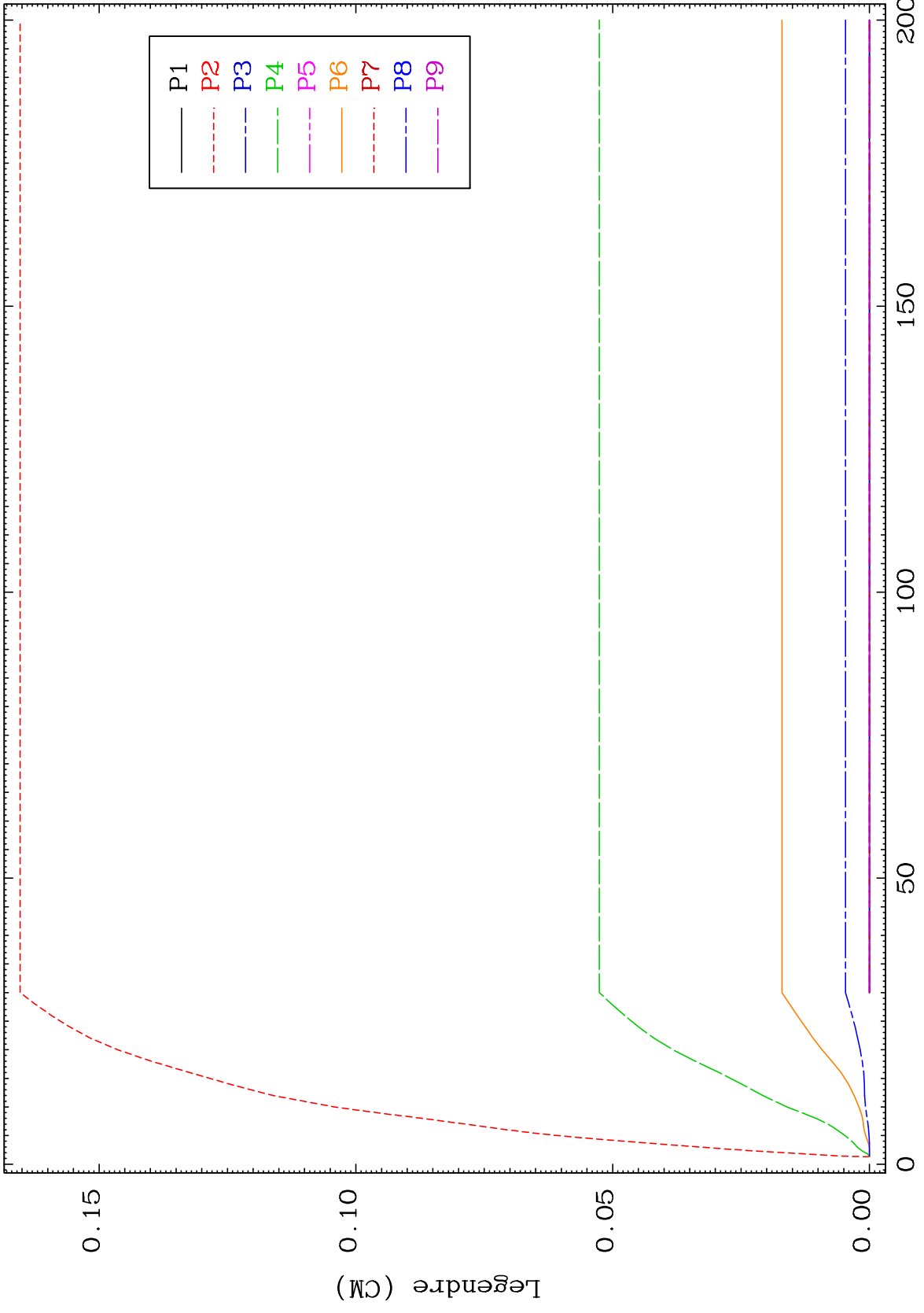
52-Te-129

MAT 5252 MT= 71 (n,n') Level Legendre Coefficients 52-Te-129



89 52-Te-129

MAT 5252 MT= 72 (n,n') Level Legendre Coefficients 52-Te-129

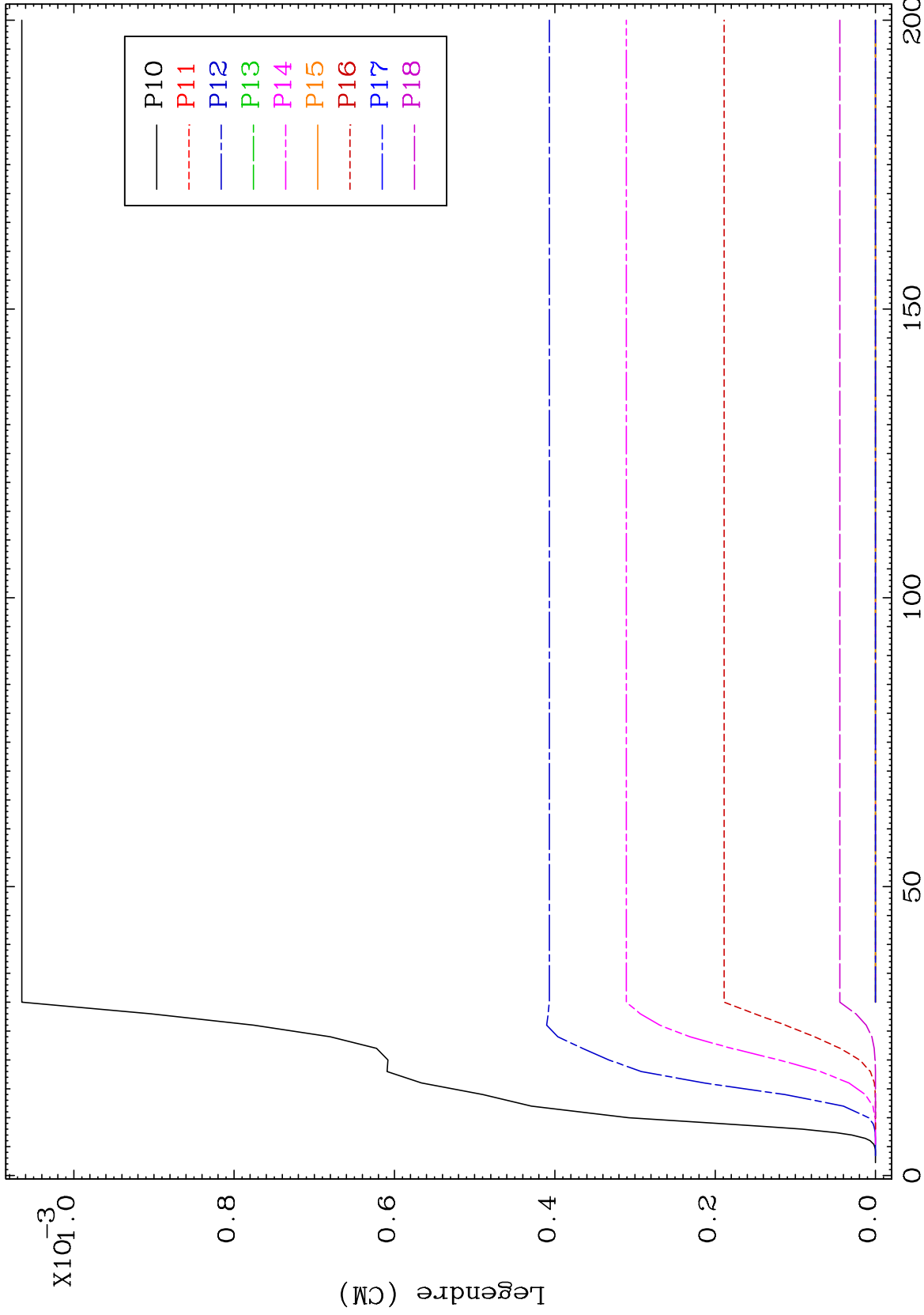


52-Te-129

MAT 5252

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

52-Te-129

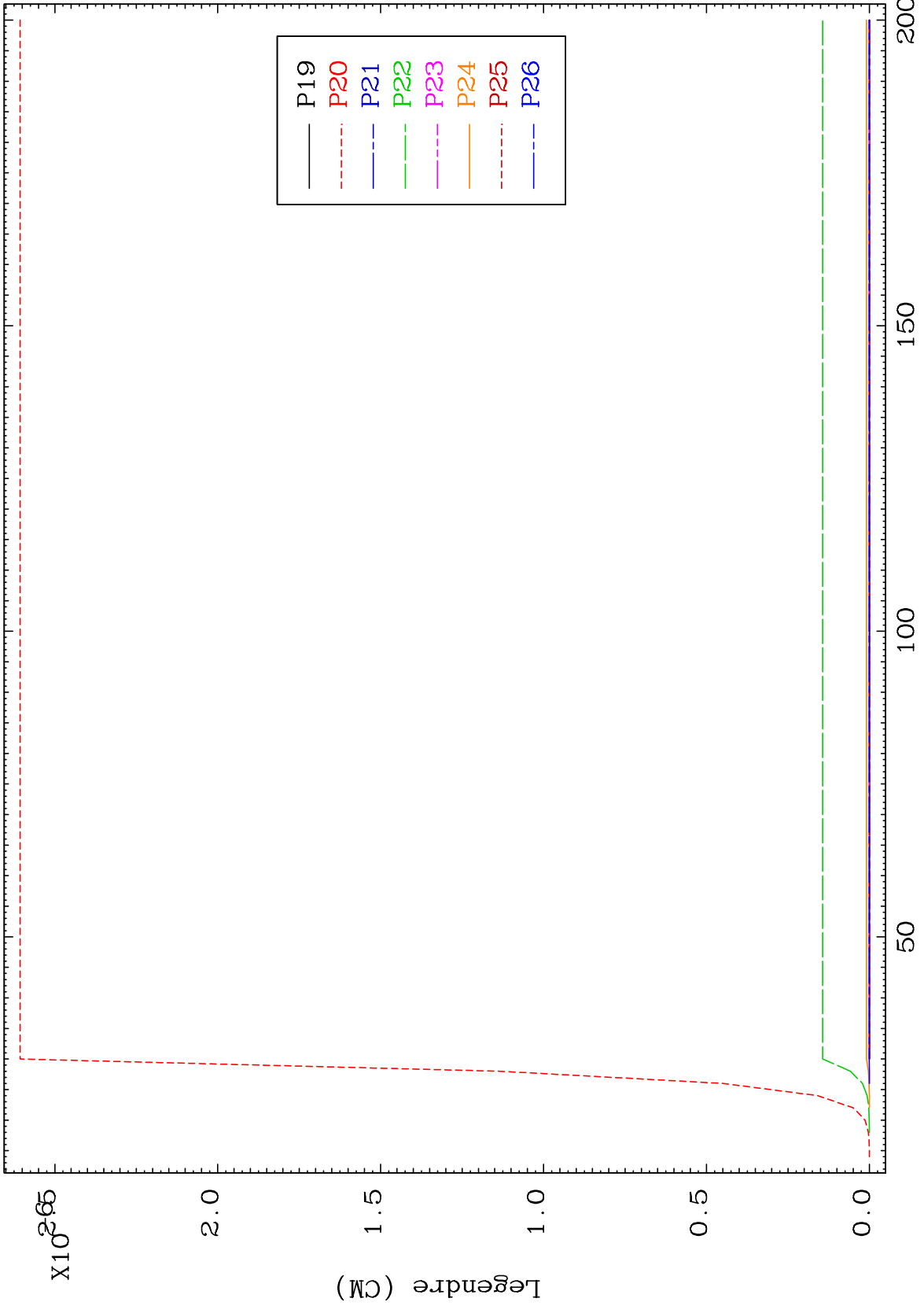


91

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 72 (n,n') Level Legendre Coefficients 52-Te-129

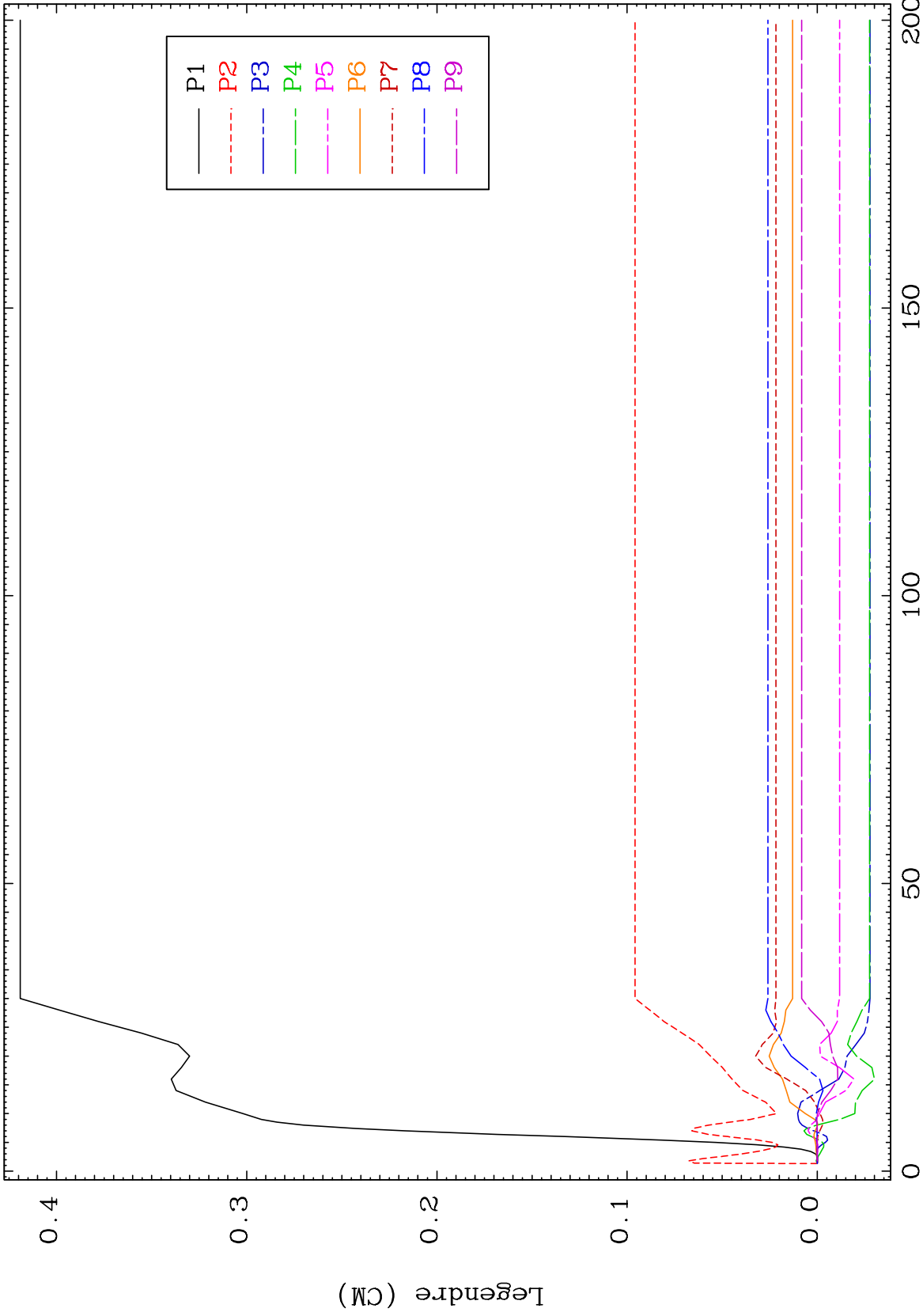


92 52-Te-129

MAT 5252

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

52-Te-129

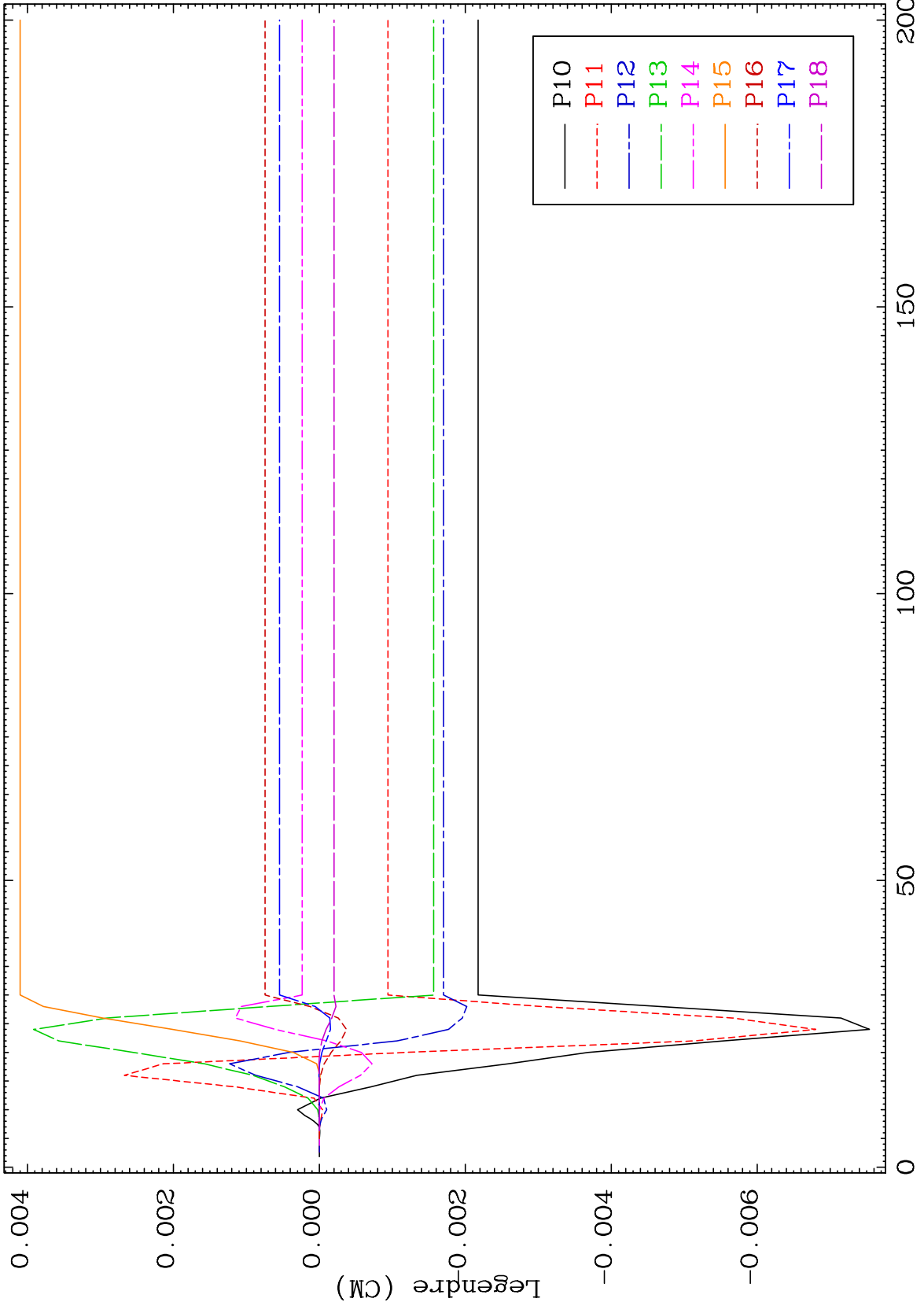


93

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 73 (n,n') Level Legendre Coefficients 52-Te-129

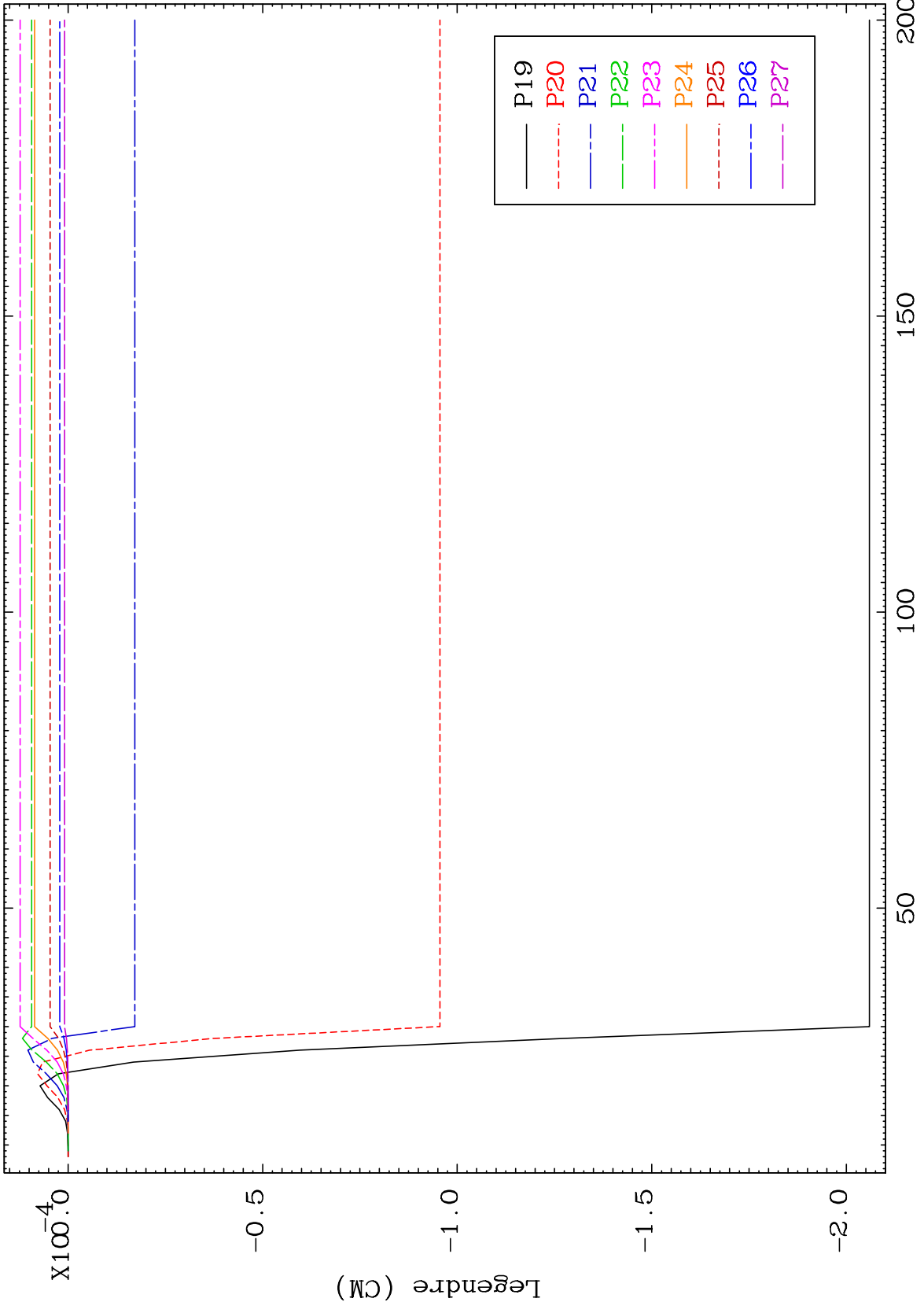


94 52-Te-129

MAT 5252

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

52-Te-129



52-Te-129

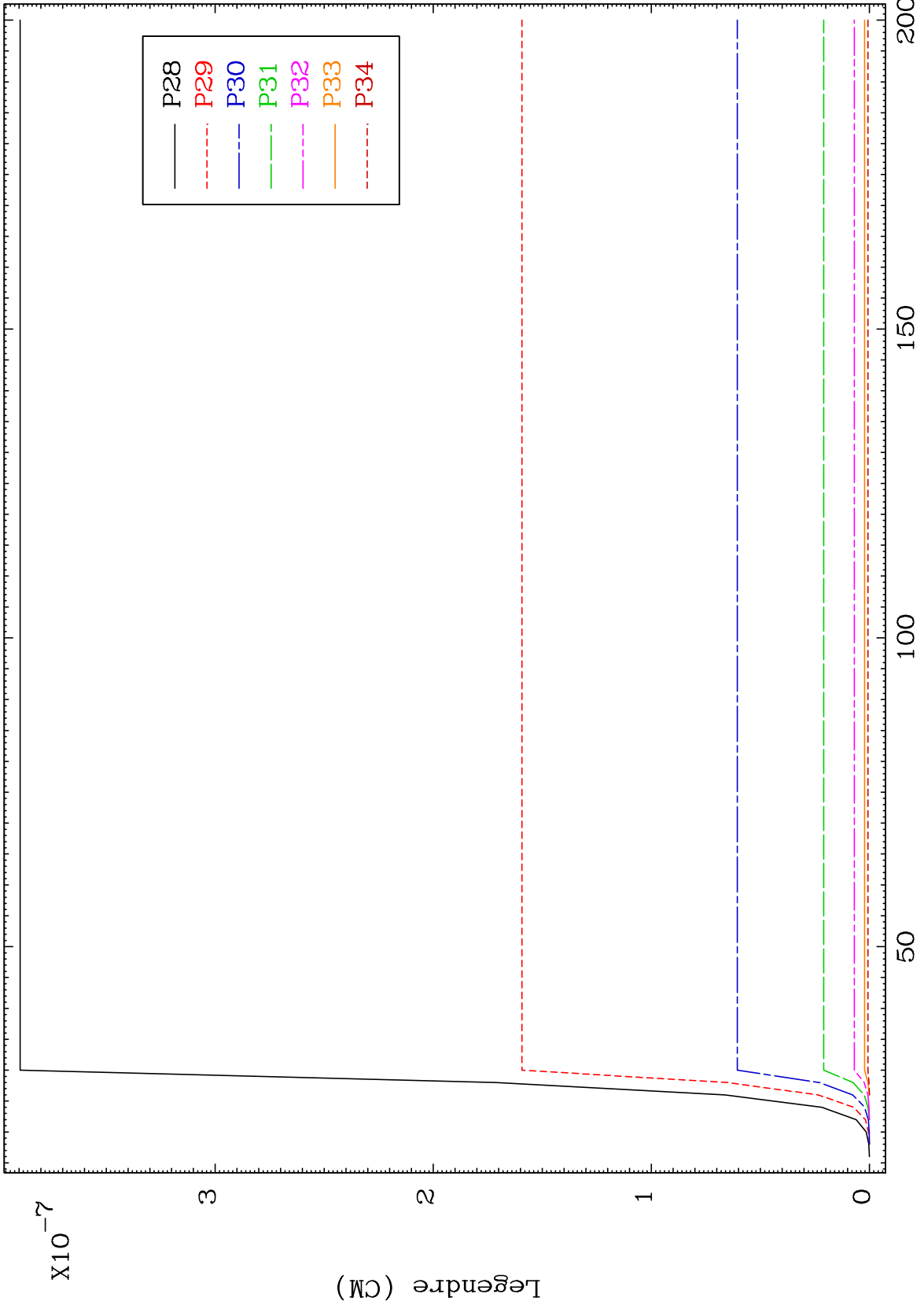
Incident Energy (MeV)

95

MAT 5252

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

52-Te-129

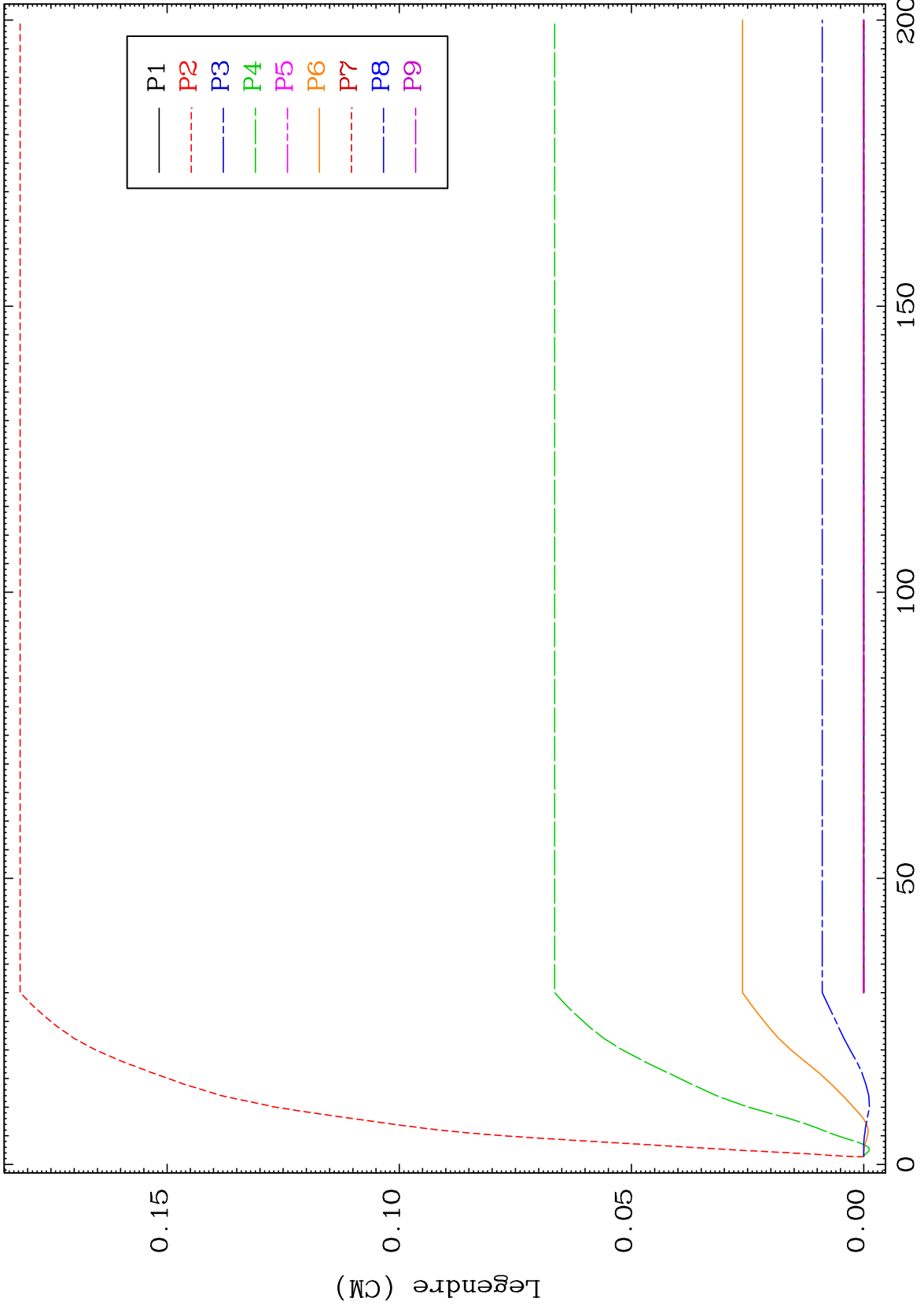


96

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 74 (n,n') Level Legendre Coefficients 52-Te-129

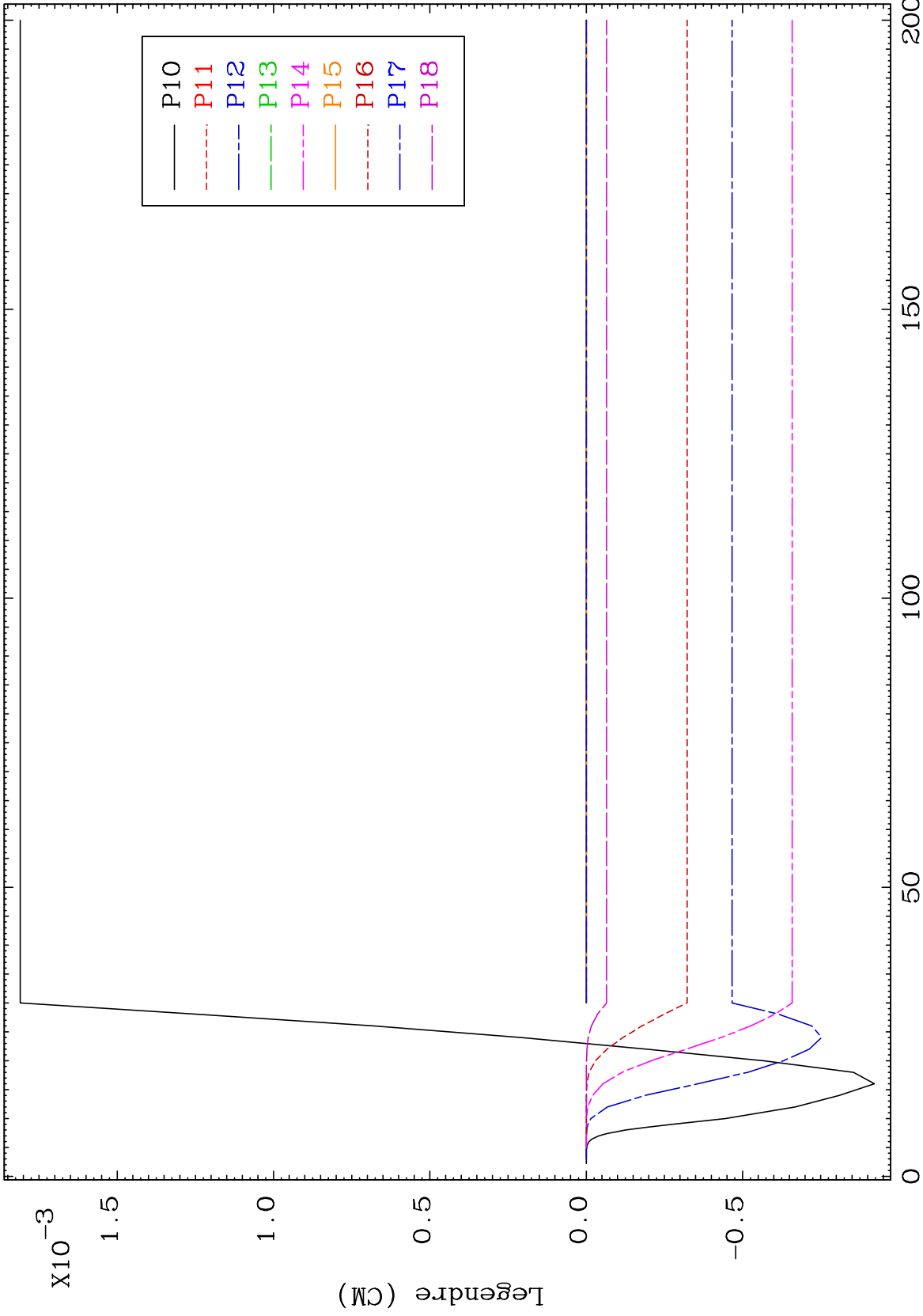


97 52-Te-129

MAT 5252

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

52-Te-129



98

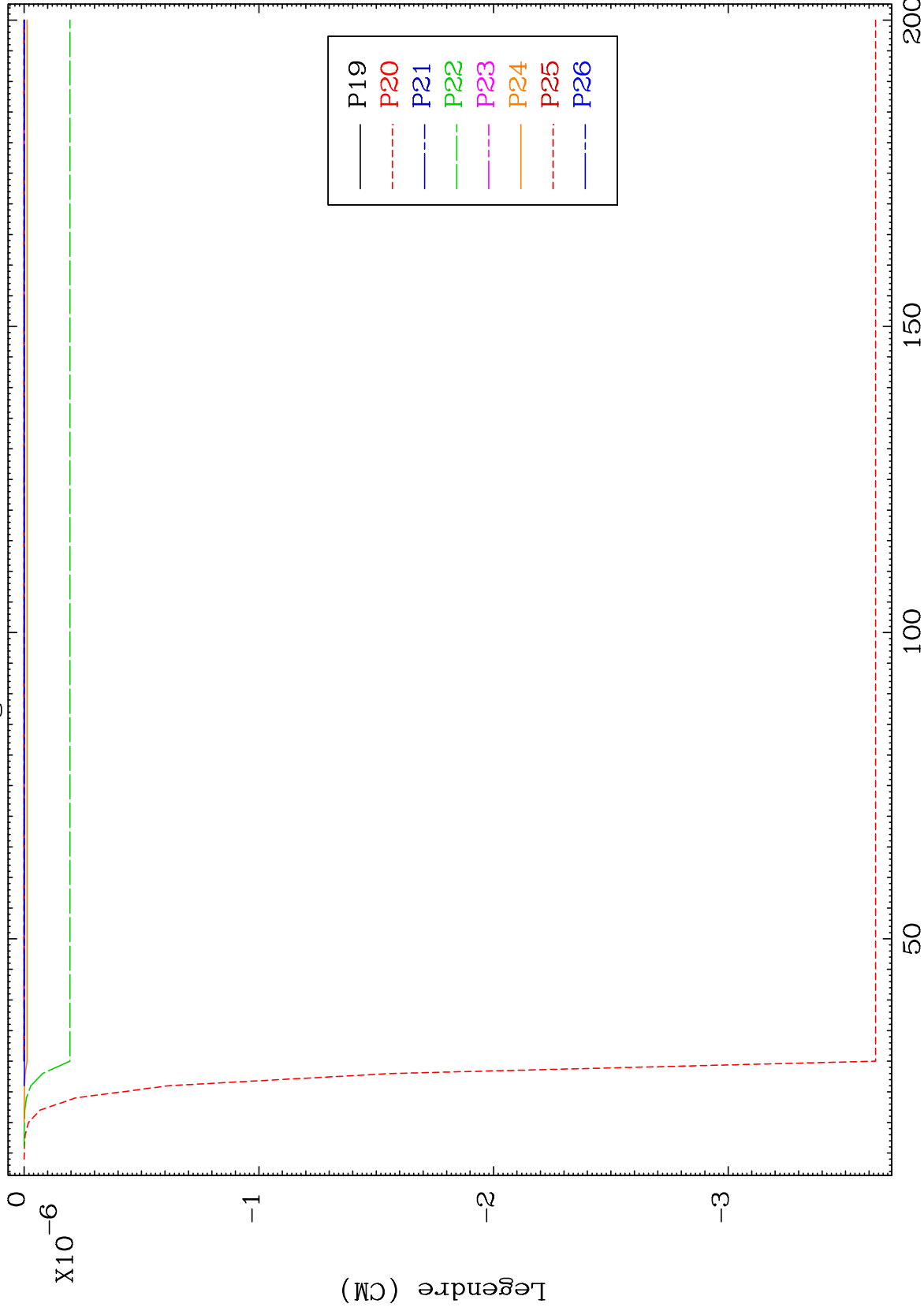
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129

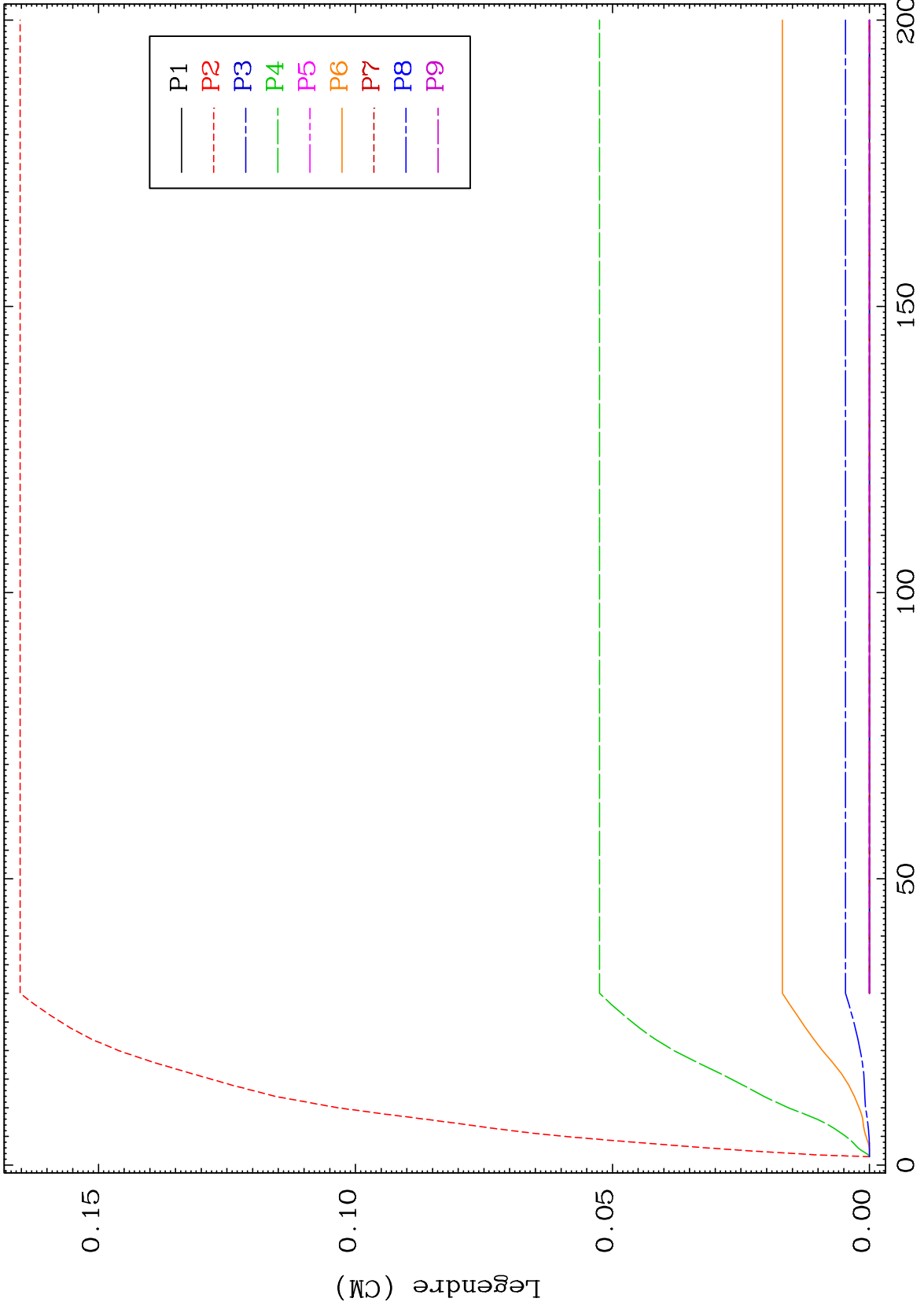


99

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 75 (n,n') Level Legendre Coefficients 52-Te-129

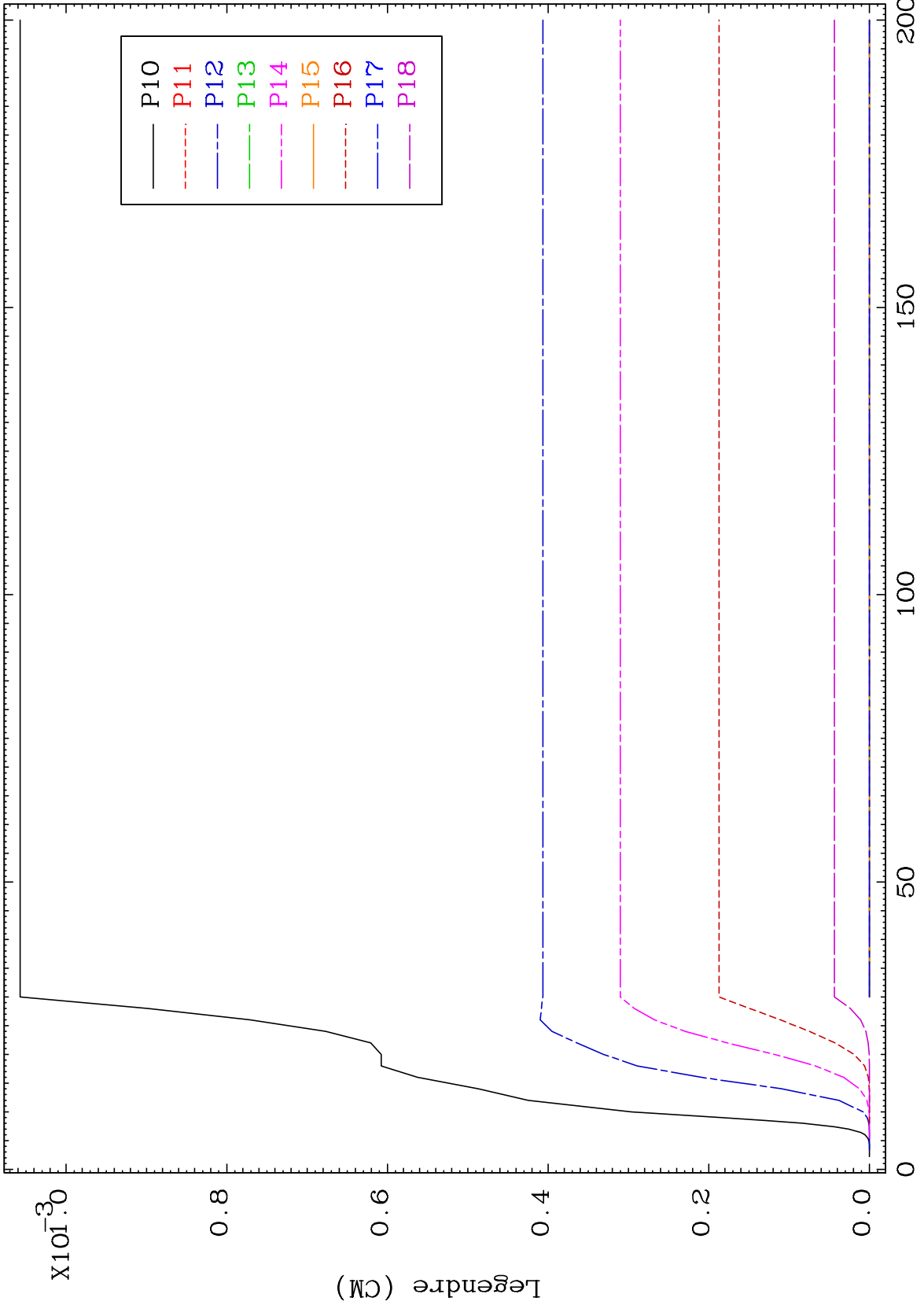


52-Te-129

MAT 5252

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

52-Te-129

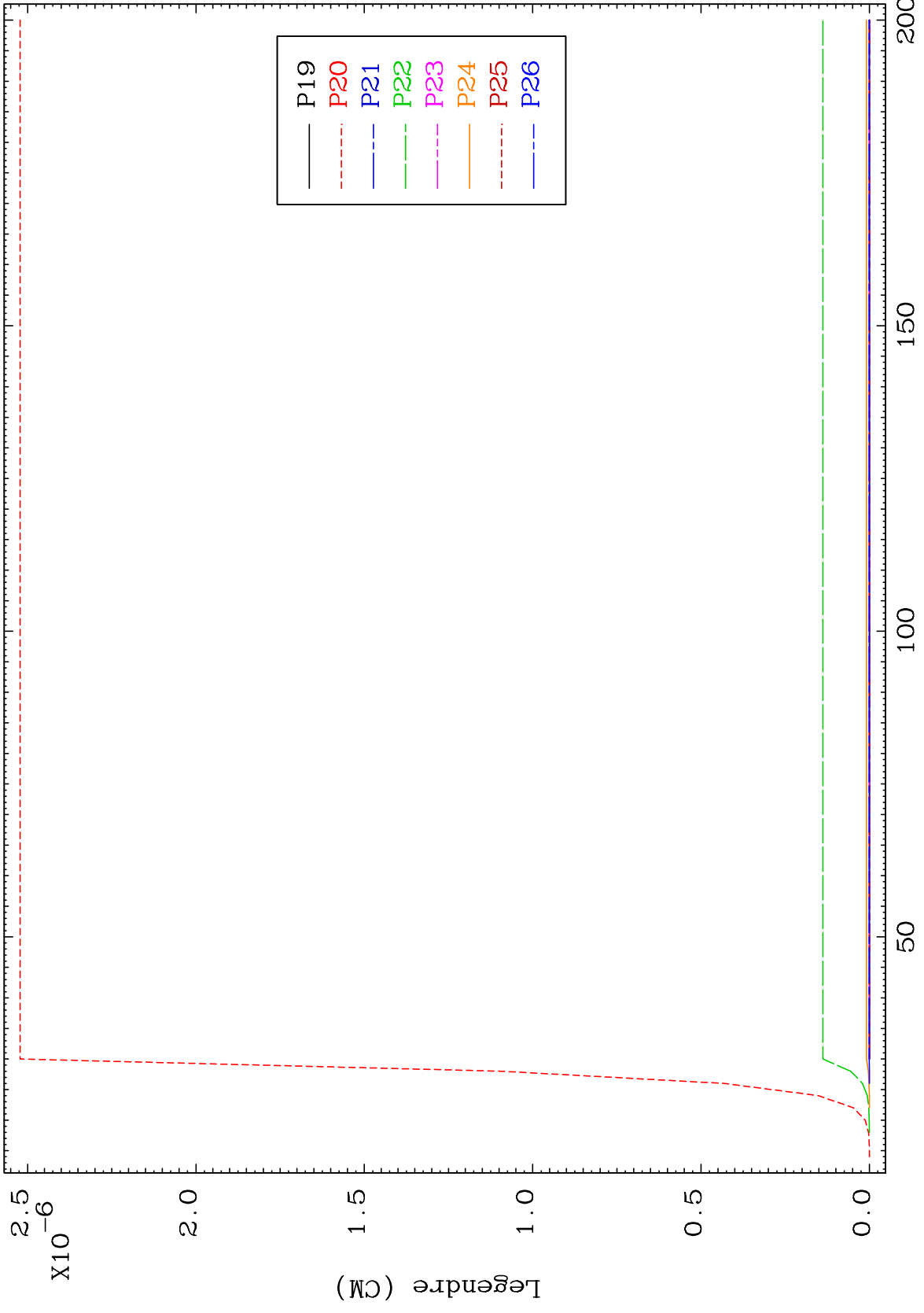


101

Incident Energy (MeV)

52-Te-129

MAT 5252 MT= 75 (n,n') Level Legendre Coefficients 52-Te-129

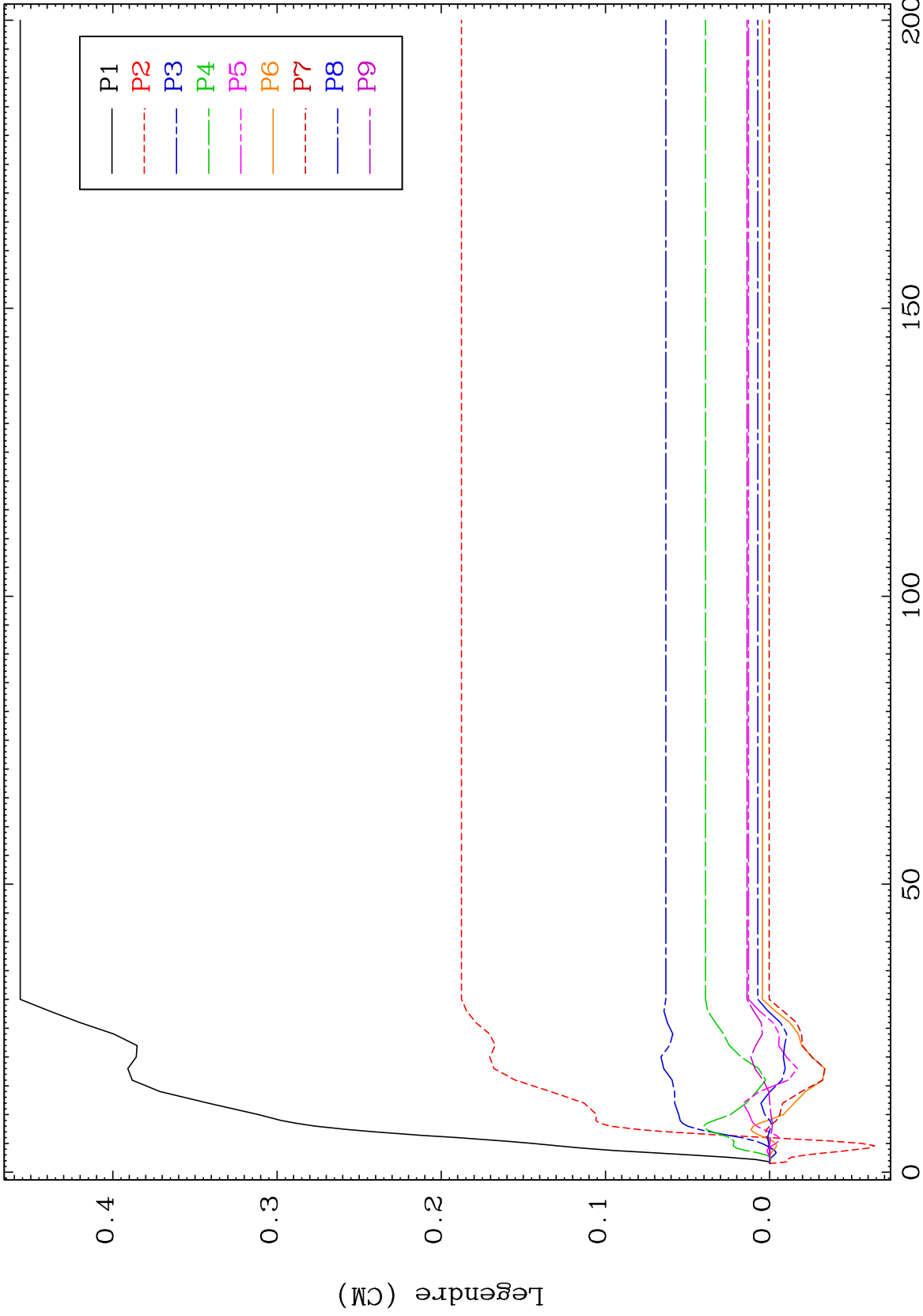


102 50 100 150 200 Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129



52-Te-129

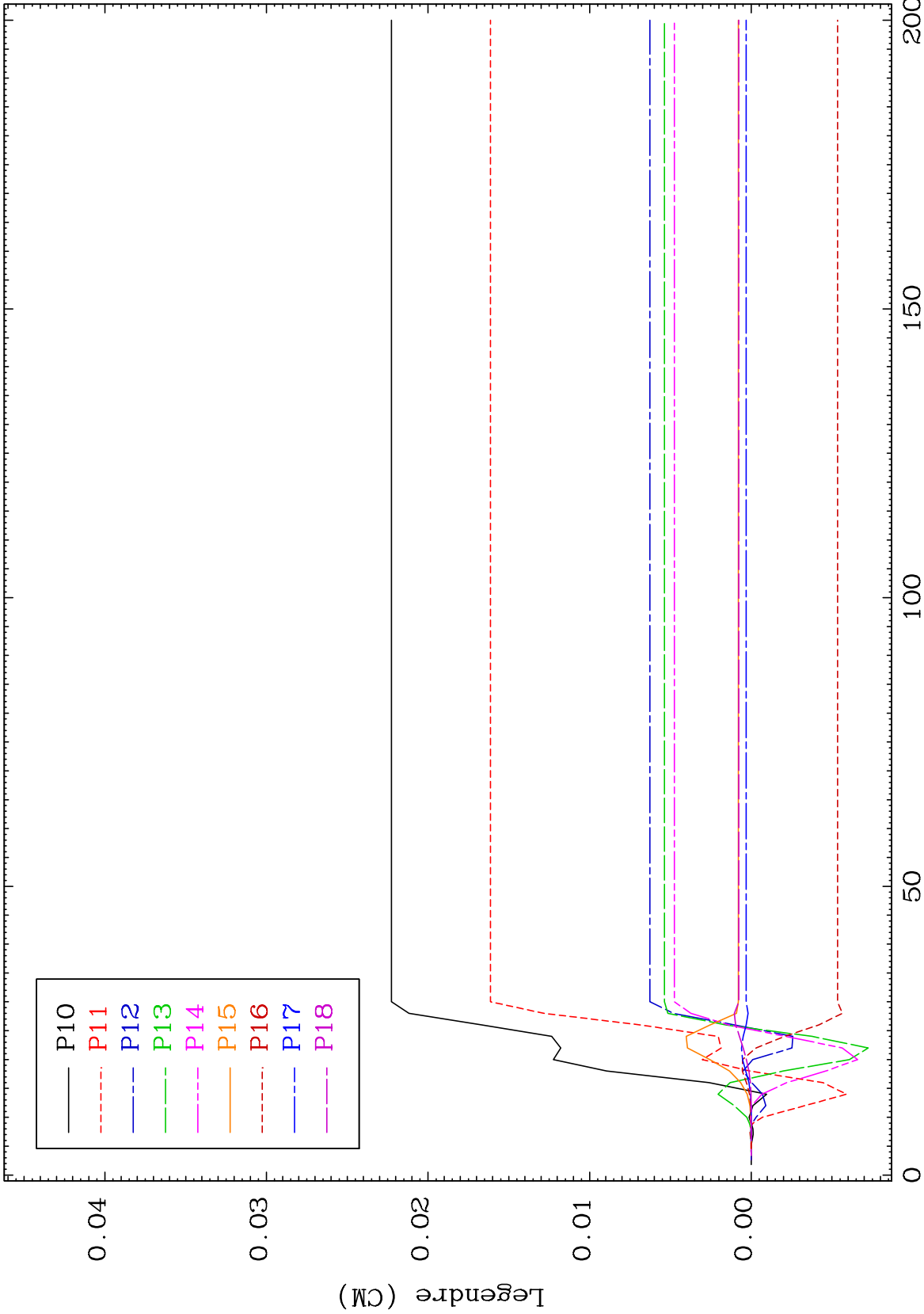
Incident Energy (MeV)

103

MAT 5252

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

52-Te-129



104

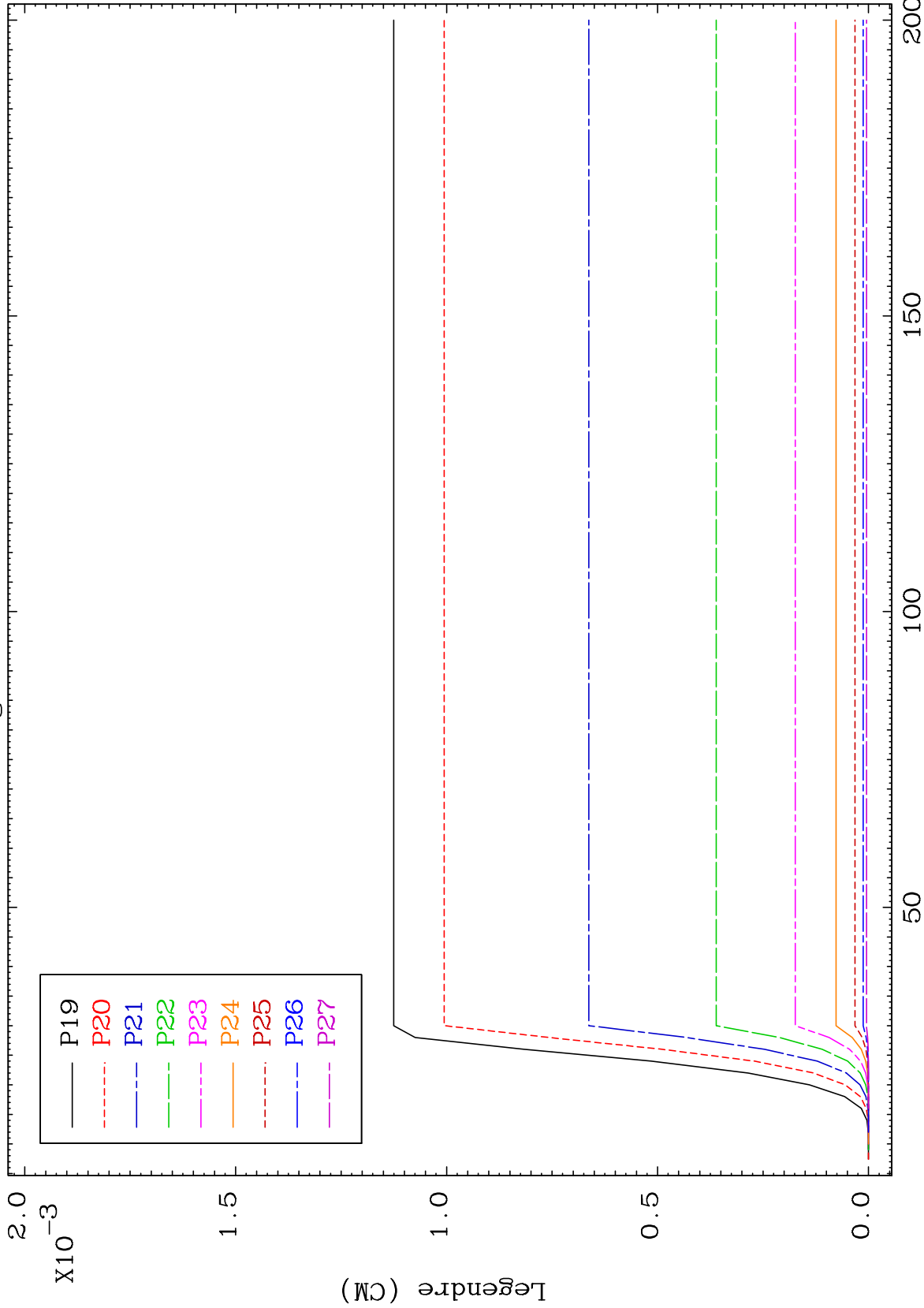
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



105

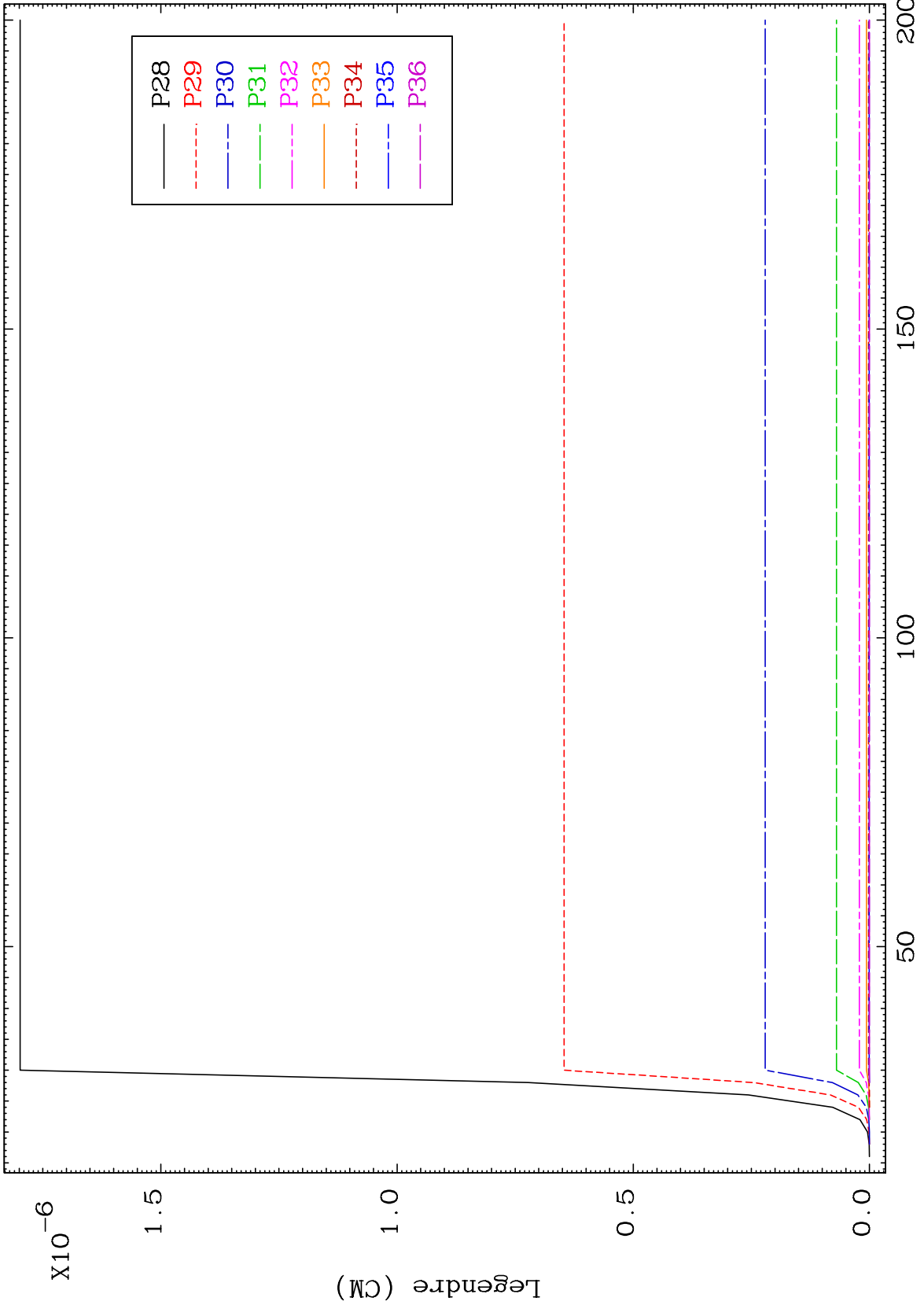
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



106

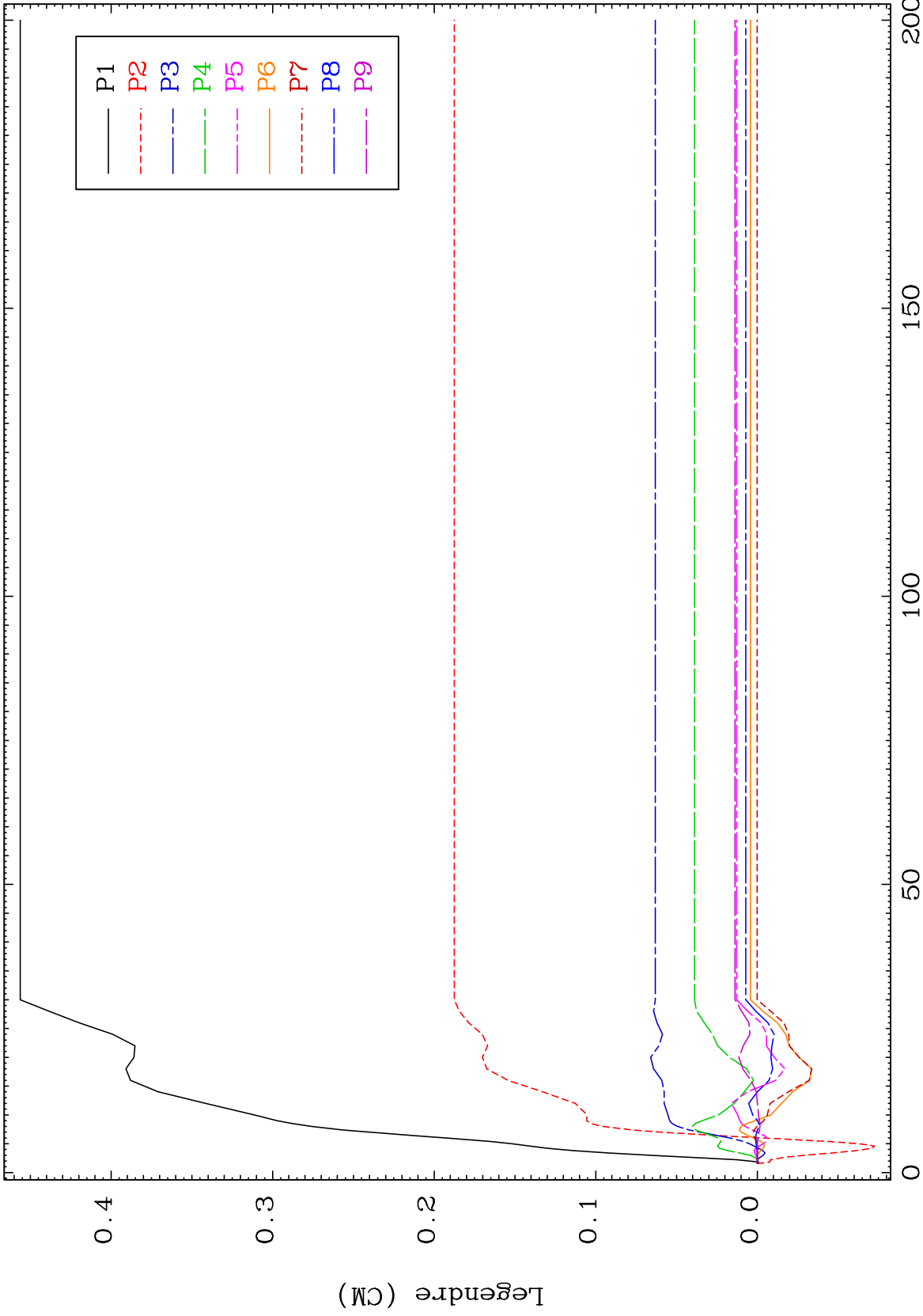
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



107

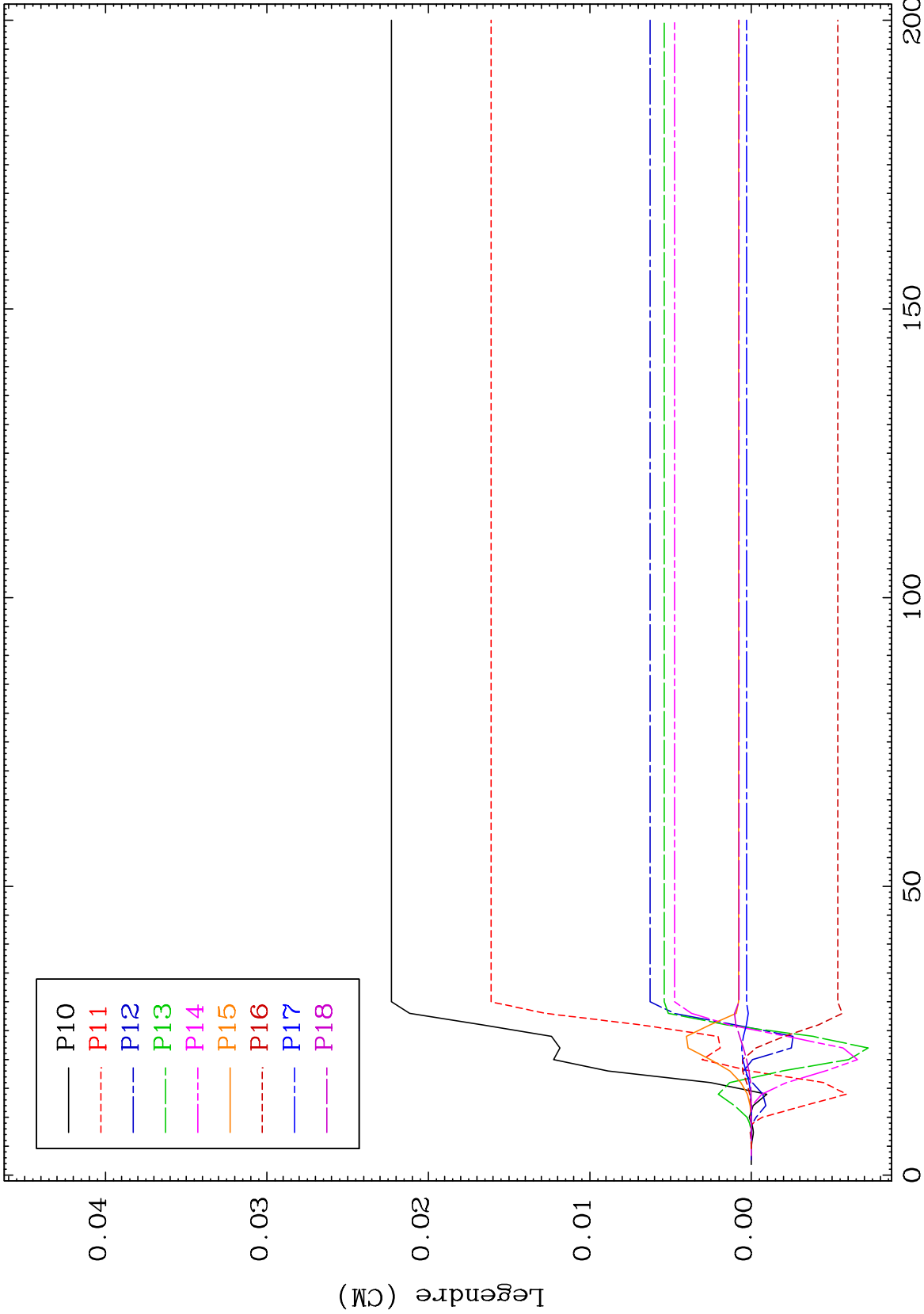
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



108

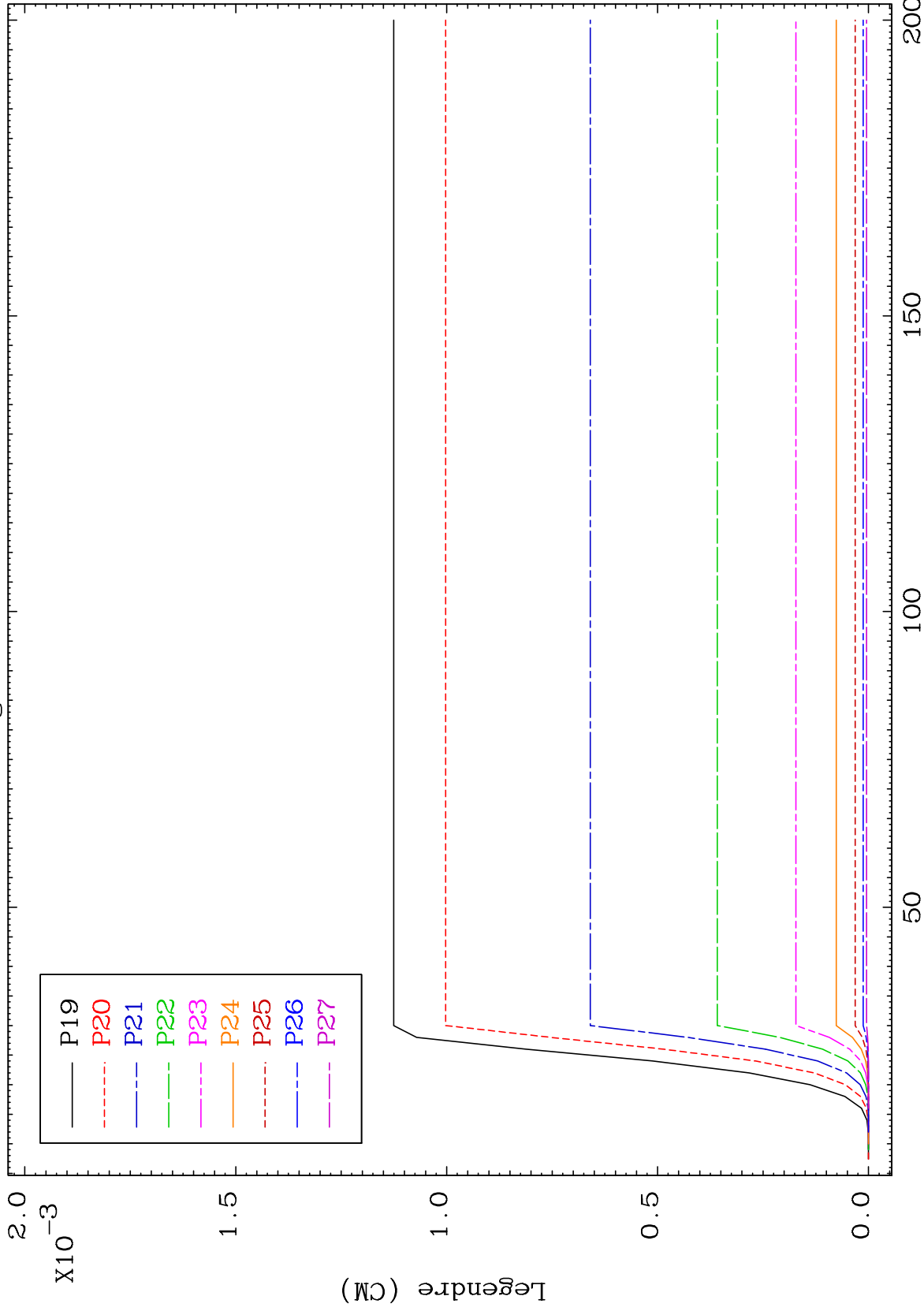
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



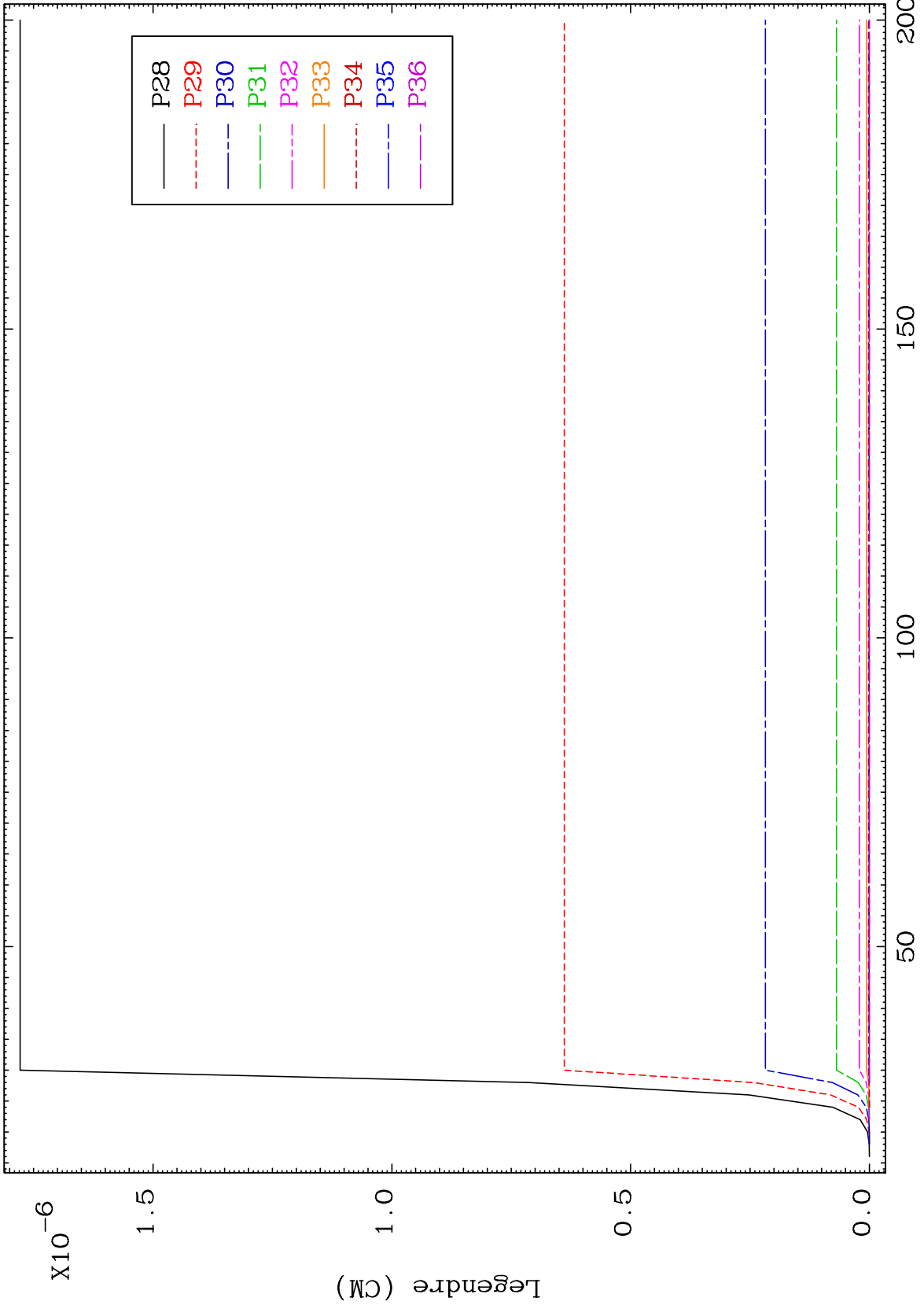
109

52-Te-129

MAT 5252

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

52-Te-129



110

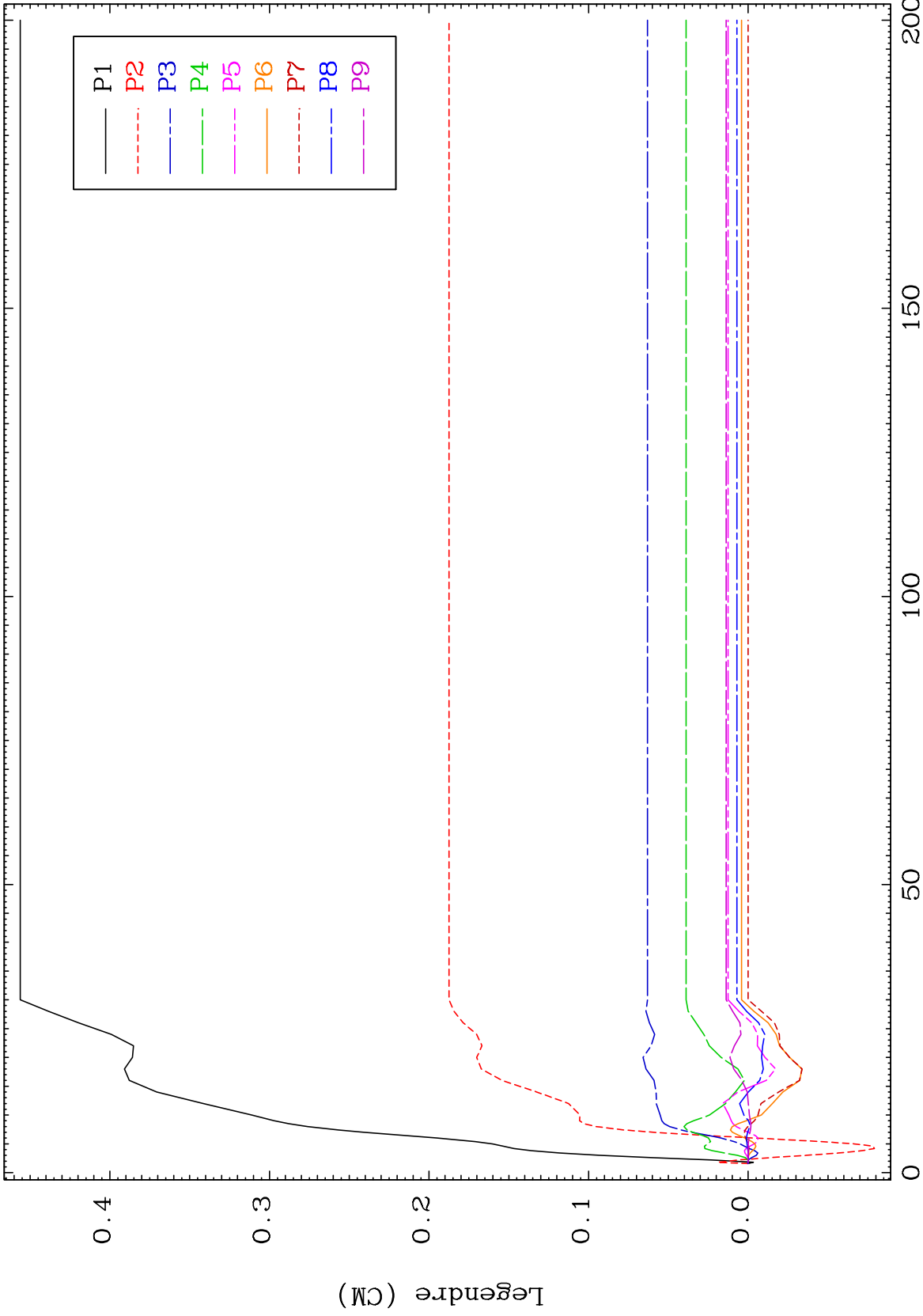
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



111

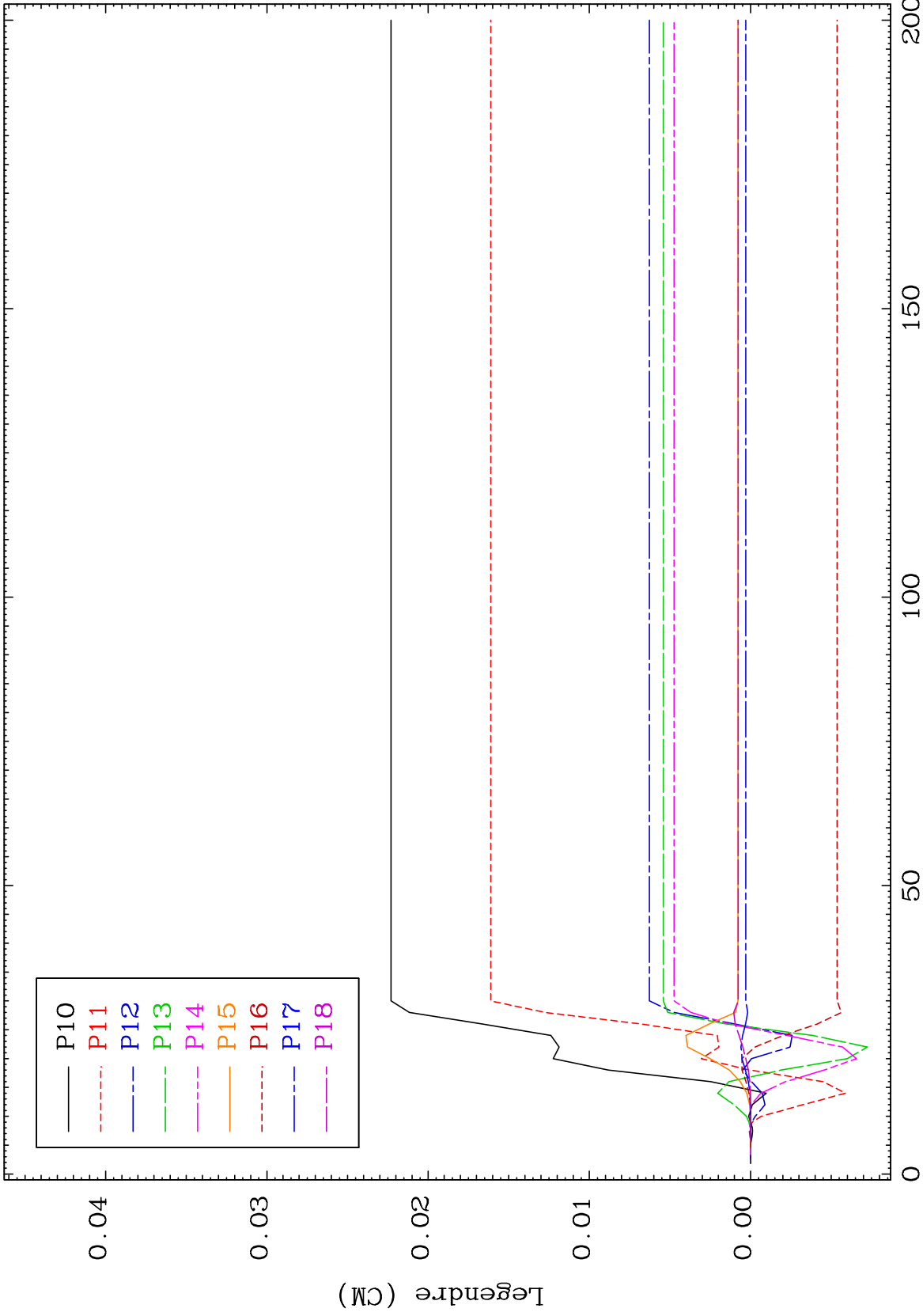
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



112

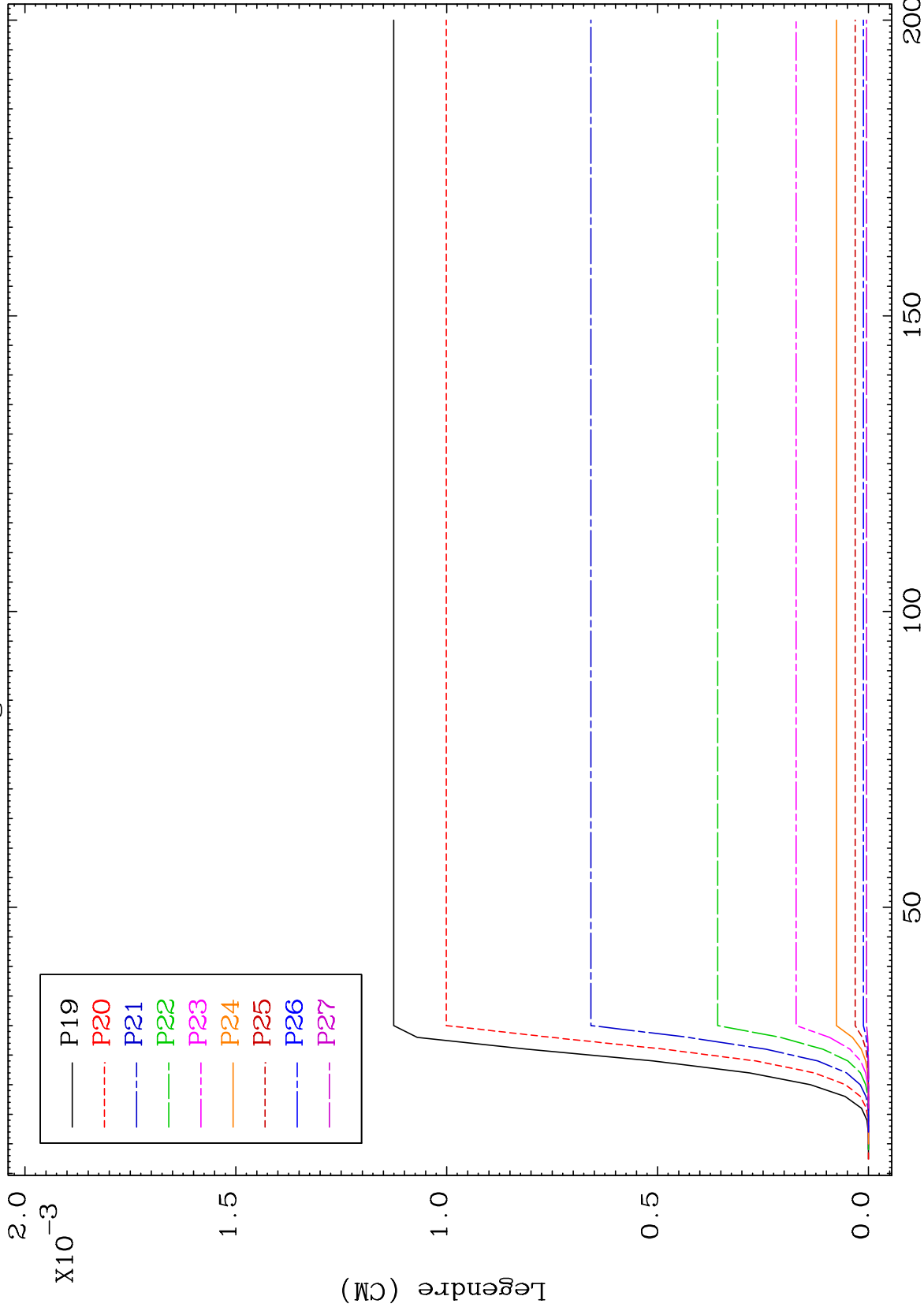
Incident Energy (MeV)

52-Te-129

MAT 5252

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

52-Te-129



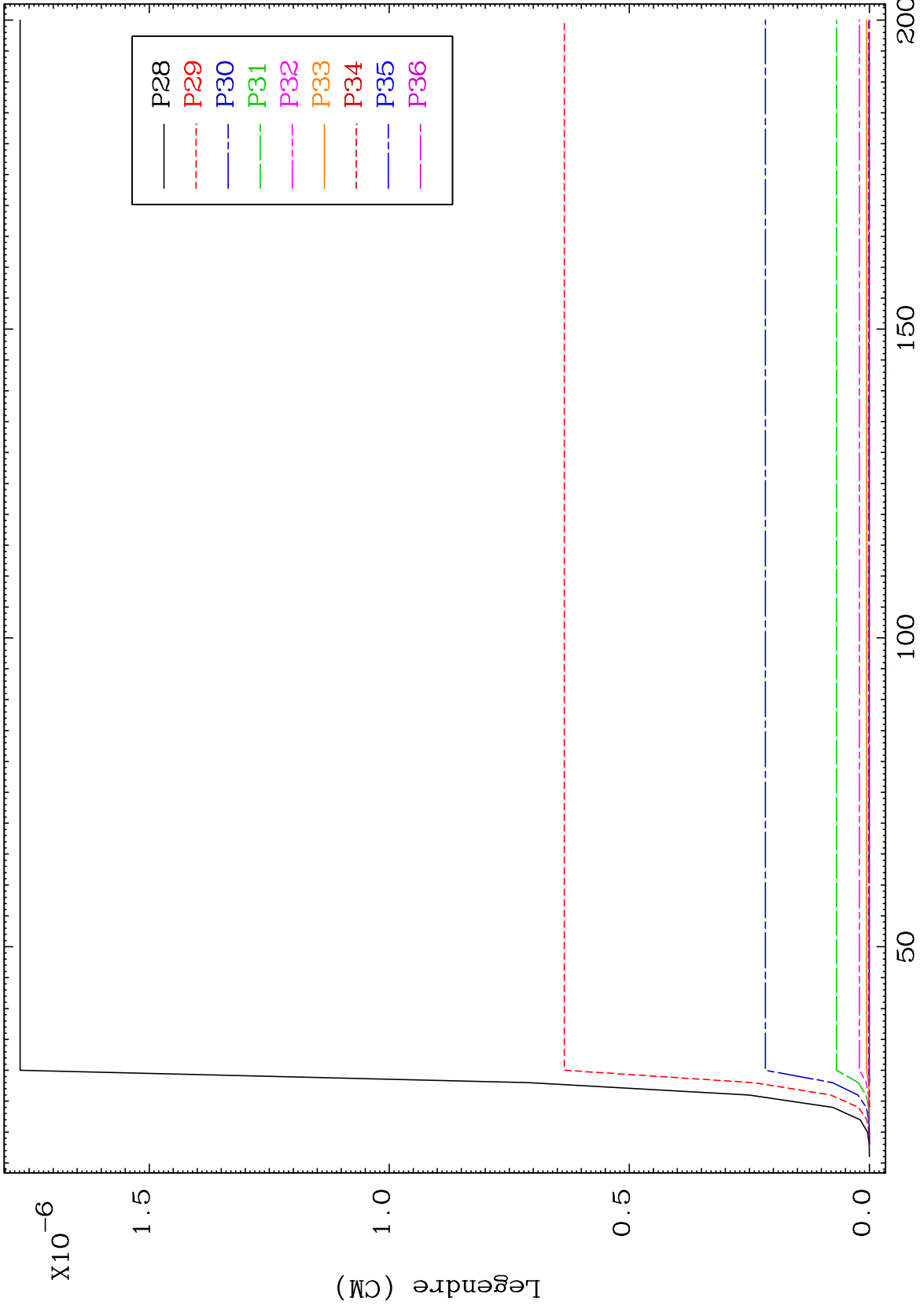
113

52-Te-129

MAT 5252

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

52-Te-129



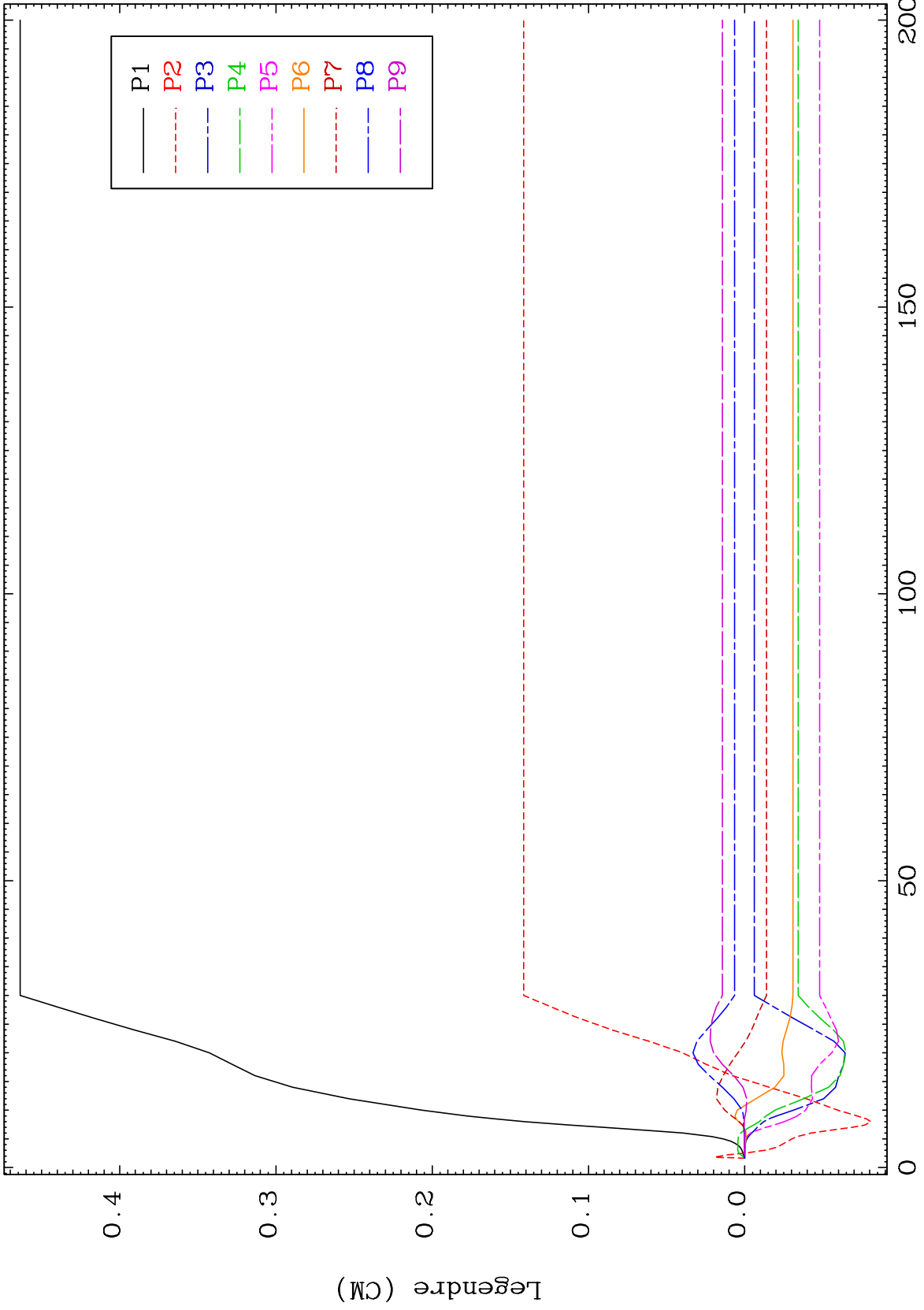
114

52-Te-129

MAT 5252

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

52-Te-129



52-Te-129

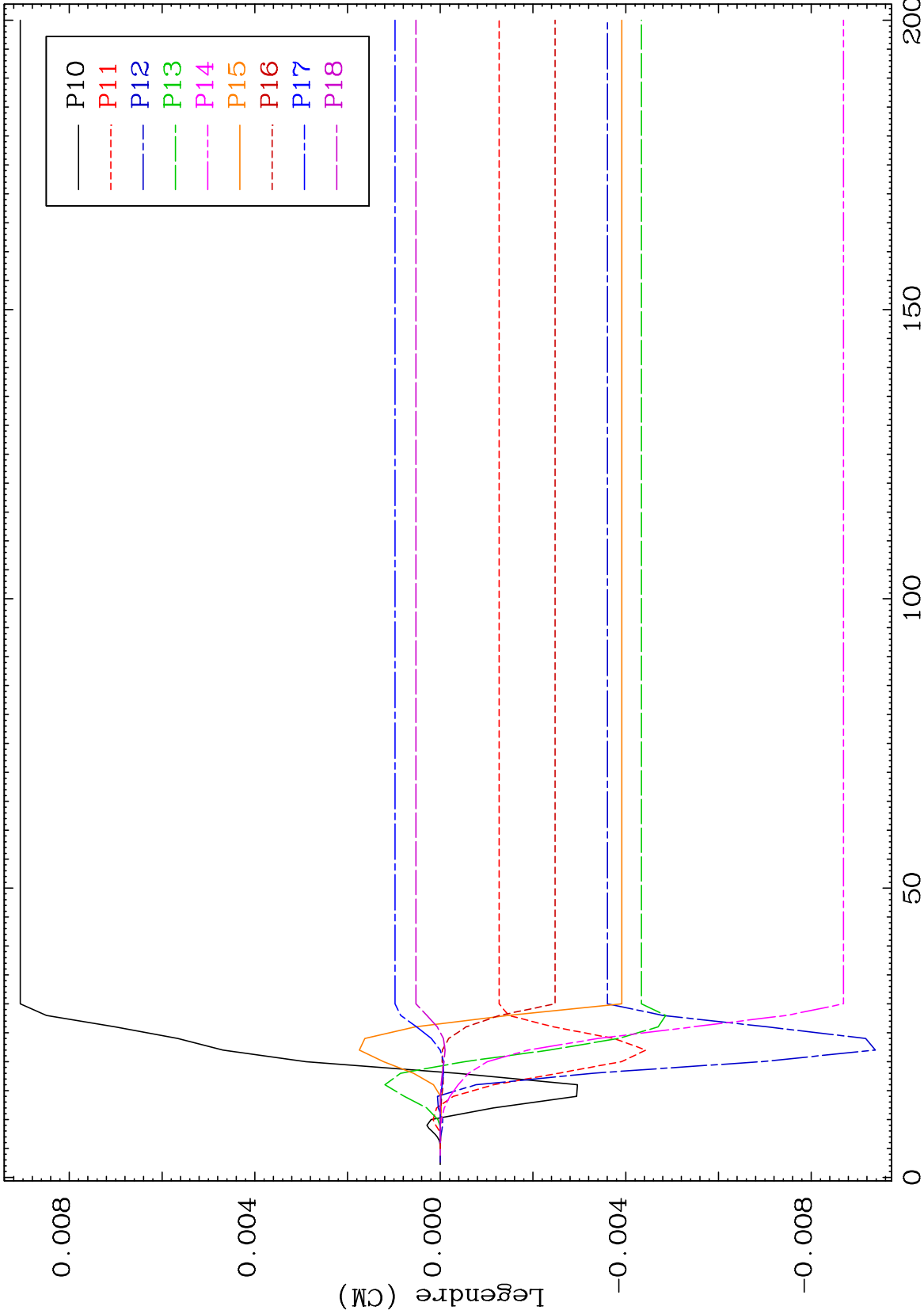
Incident Energy (MeV)

115

MAT 5252

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

52-Te-129



116

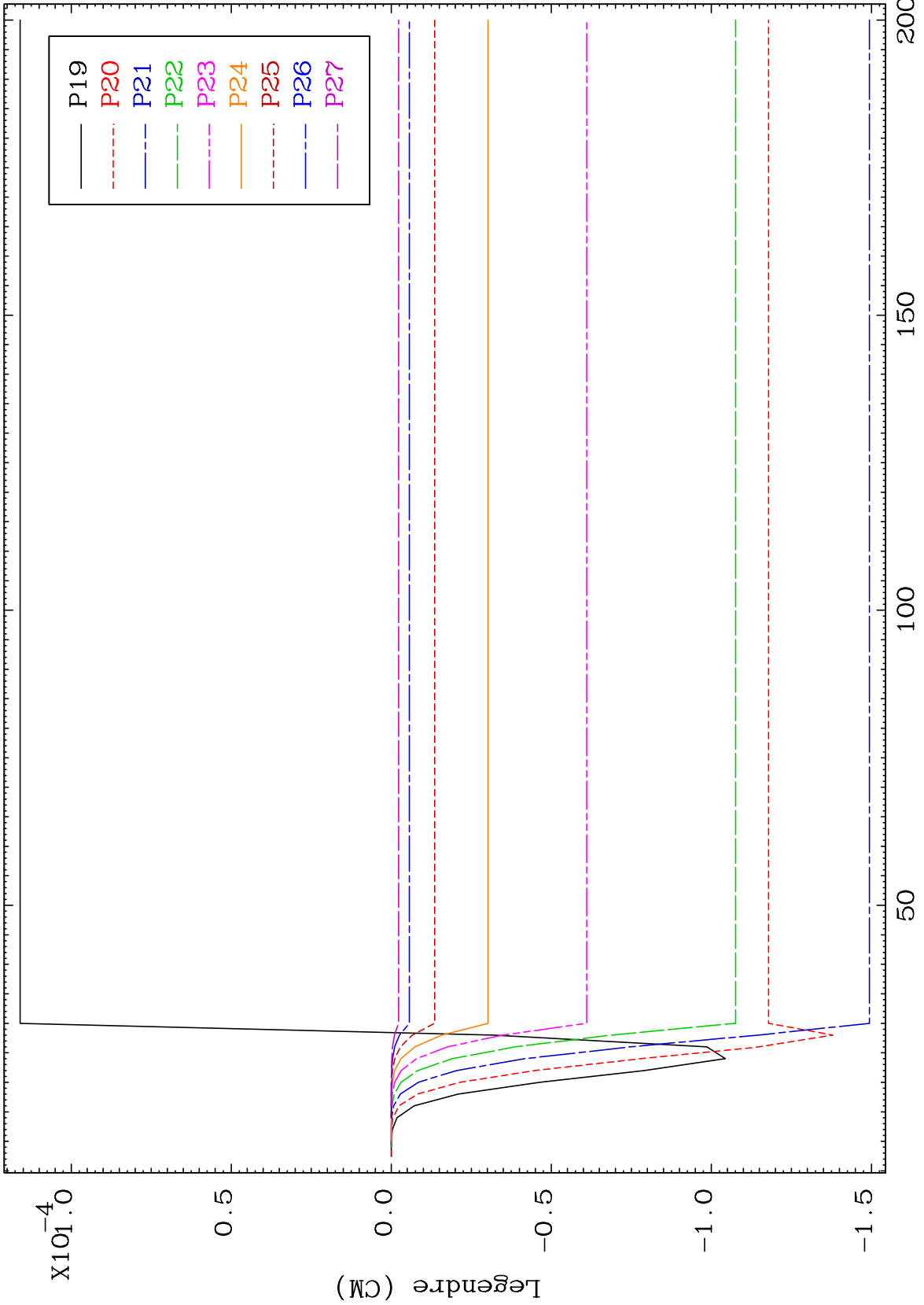
Incident Energy (MeV)

52-Te-129

MAT 5252

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

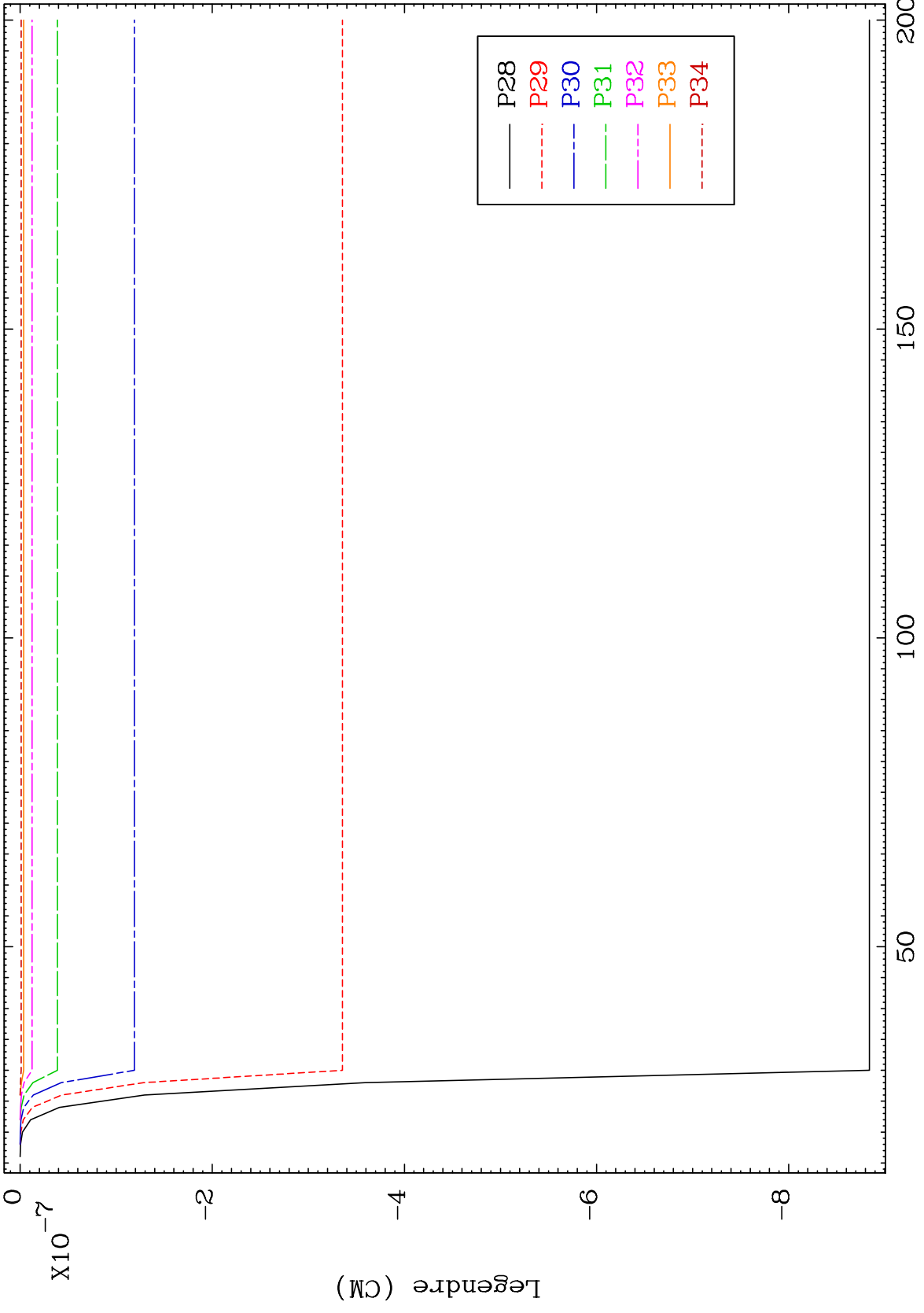
52-Te-129



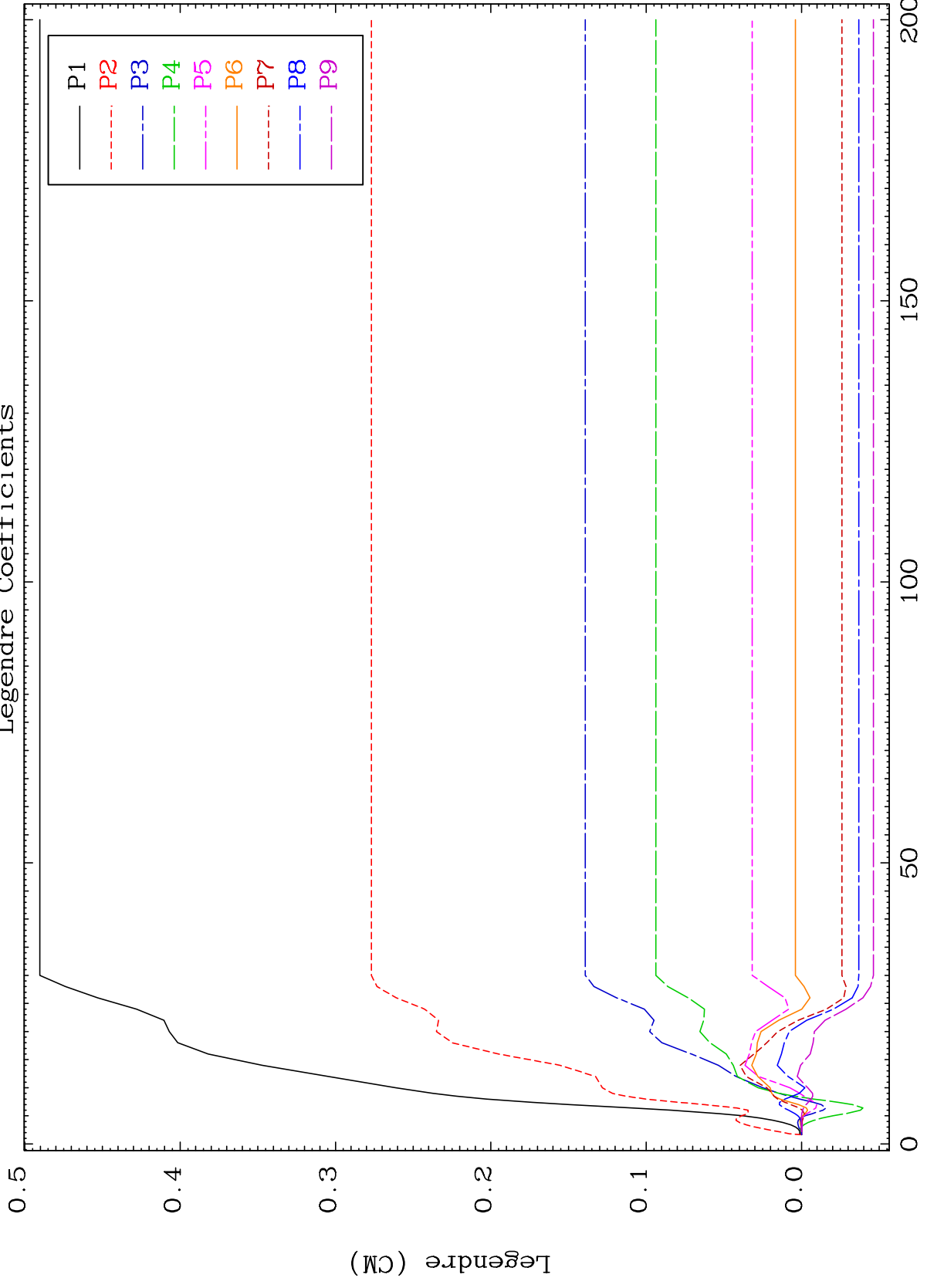
117

52-Te-129

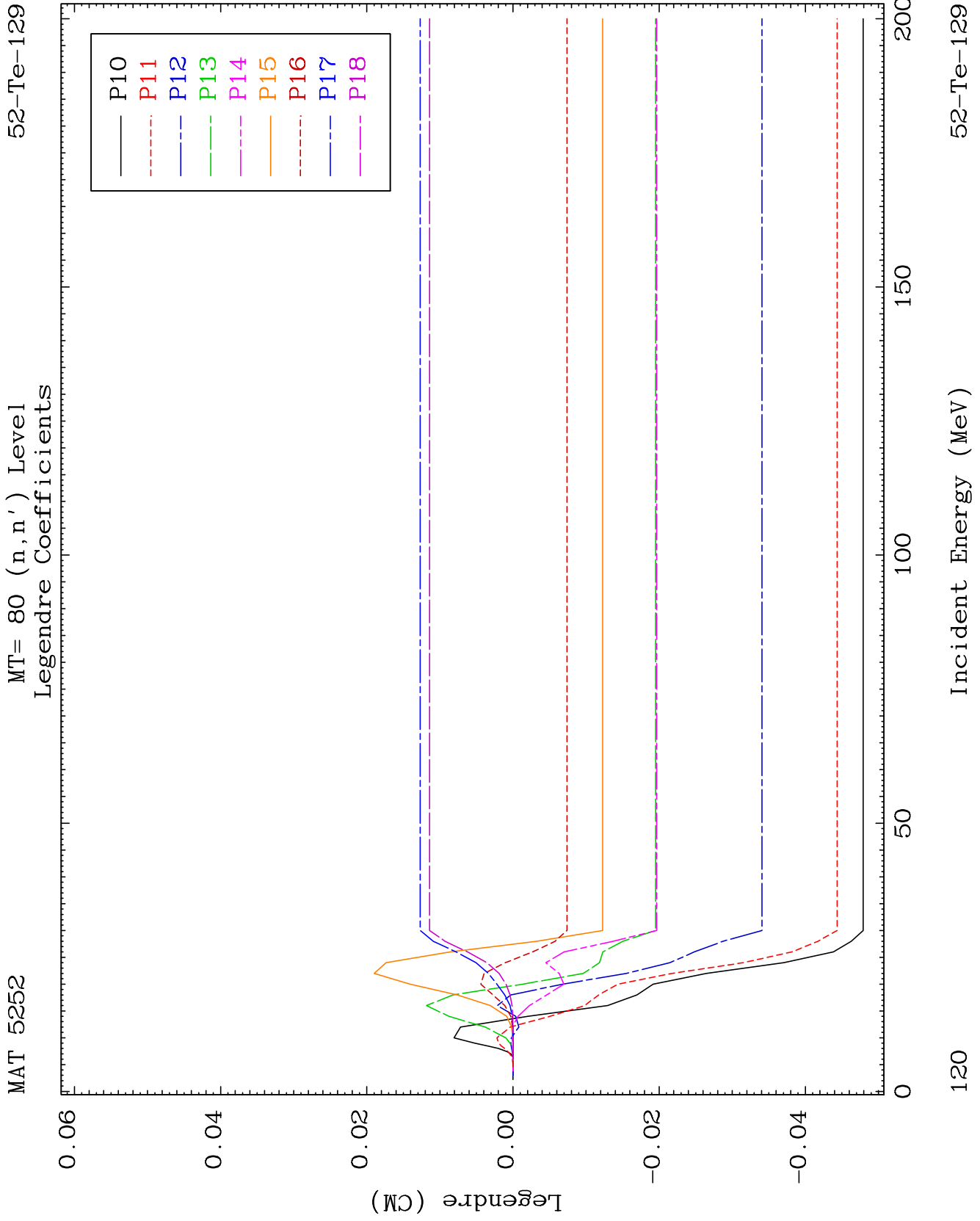
MAT 5252 MT= 79 (n,n') Level Legendre Coefficients 52-Te-129



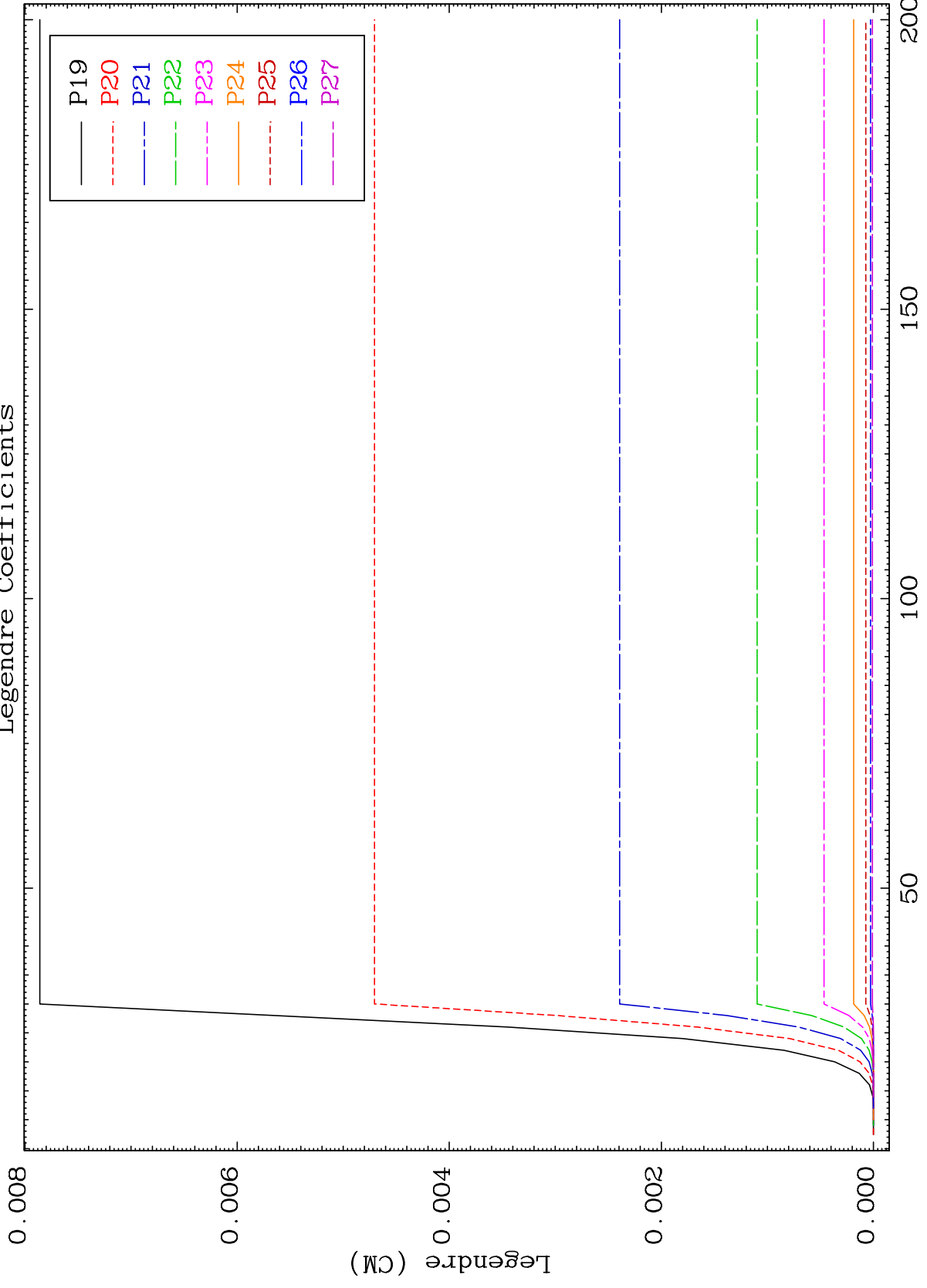
MAT 5252 MT= 80 (n,n') Level Legendre Coefficients 52-Te-129



119 52-Te-129



MAT 5252 MT= 80 (n, n') Level Legendre Coefficients 52-Te-129

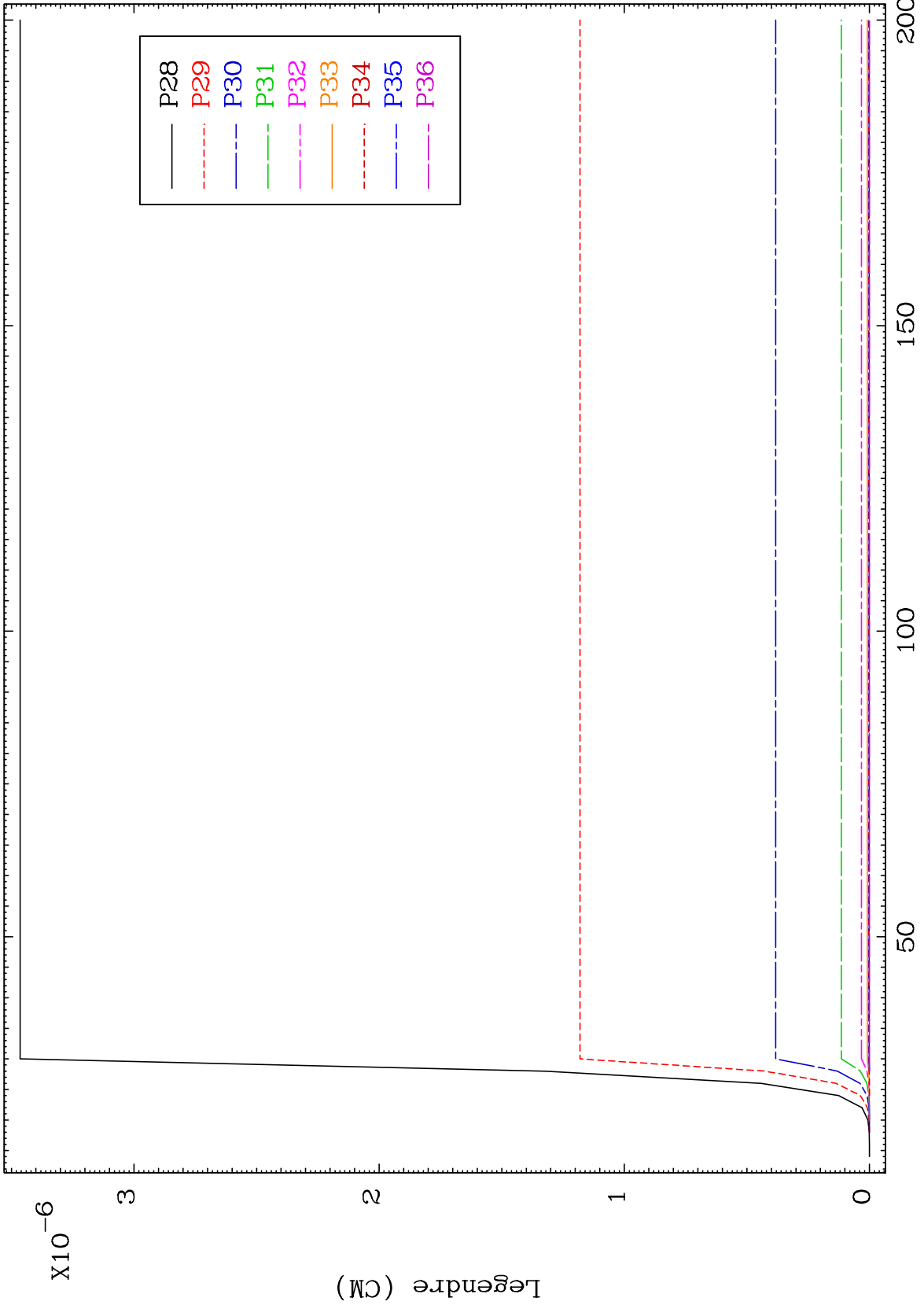


121 Incident Energy (MeV) 52-Te-129

MAT 5252

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

52-Te-129



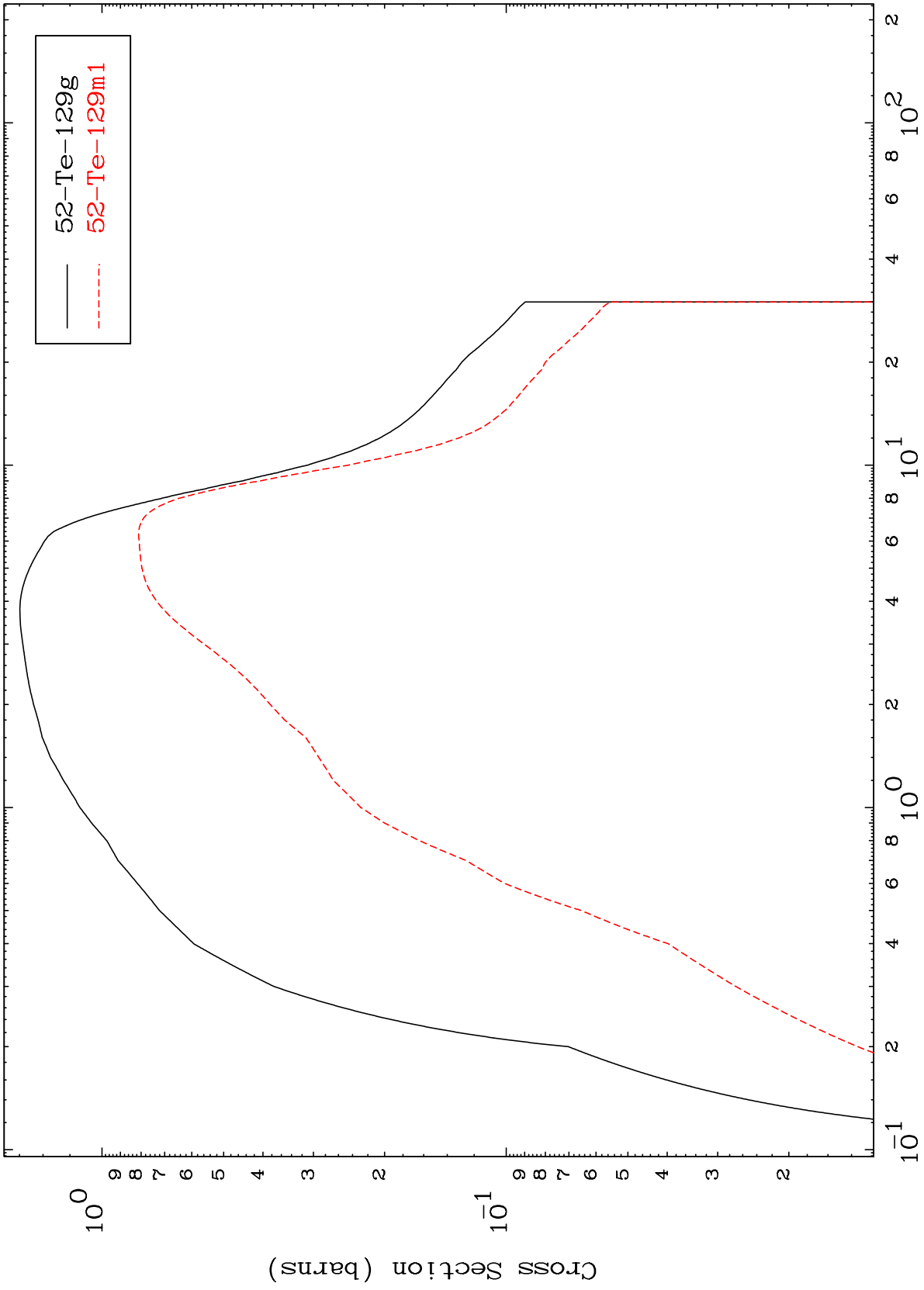
122

52-Te-129

MAT 5252

52-Te-129

Inelastic Radionuclide Production Cross Section



123

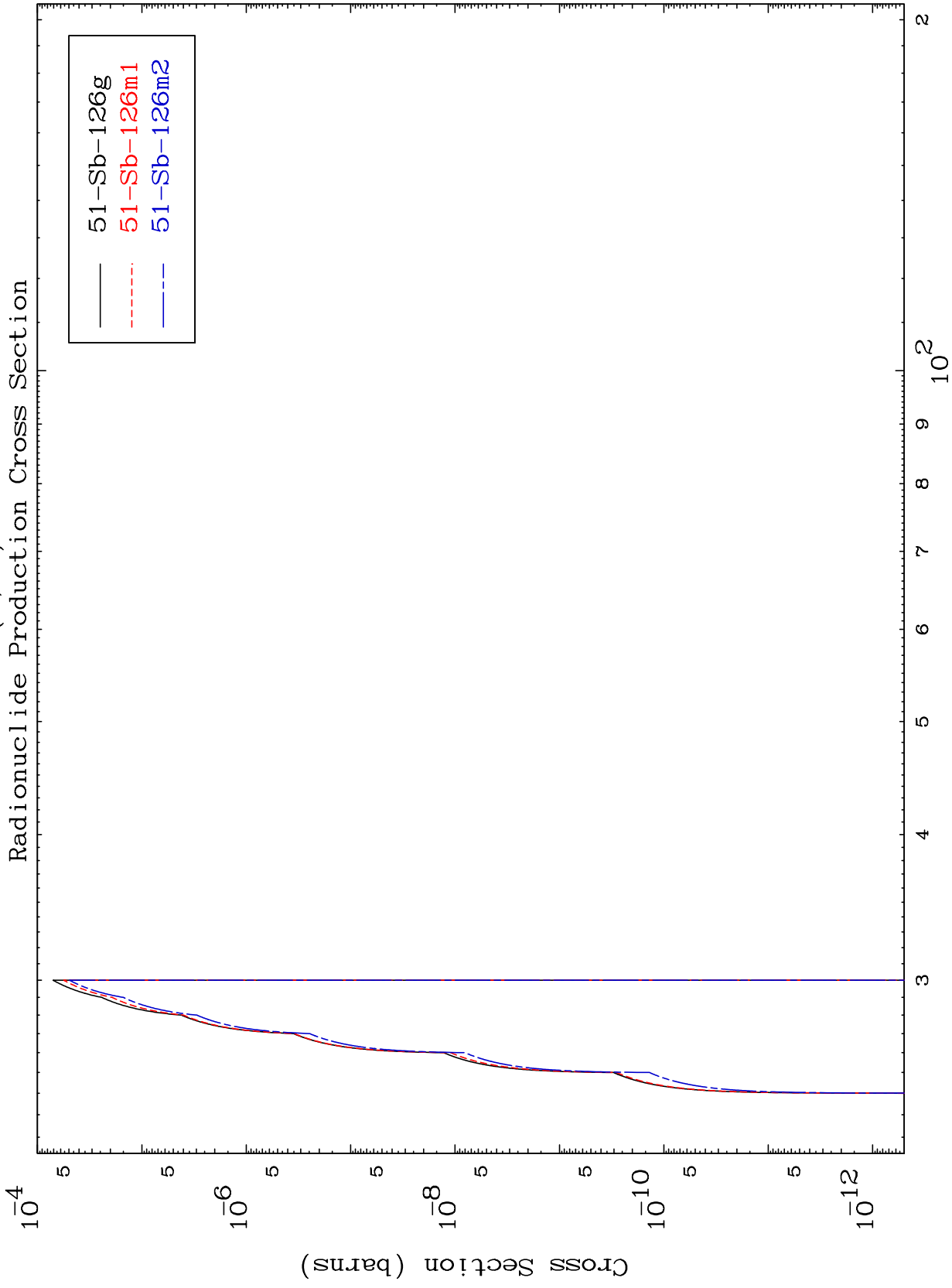
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,2n) d

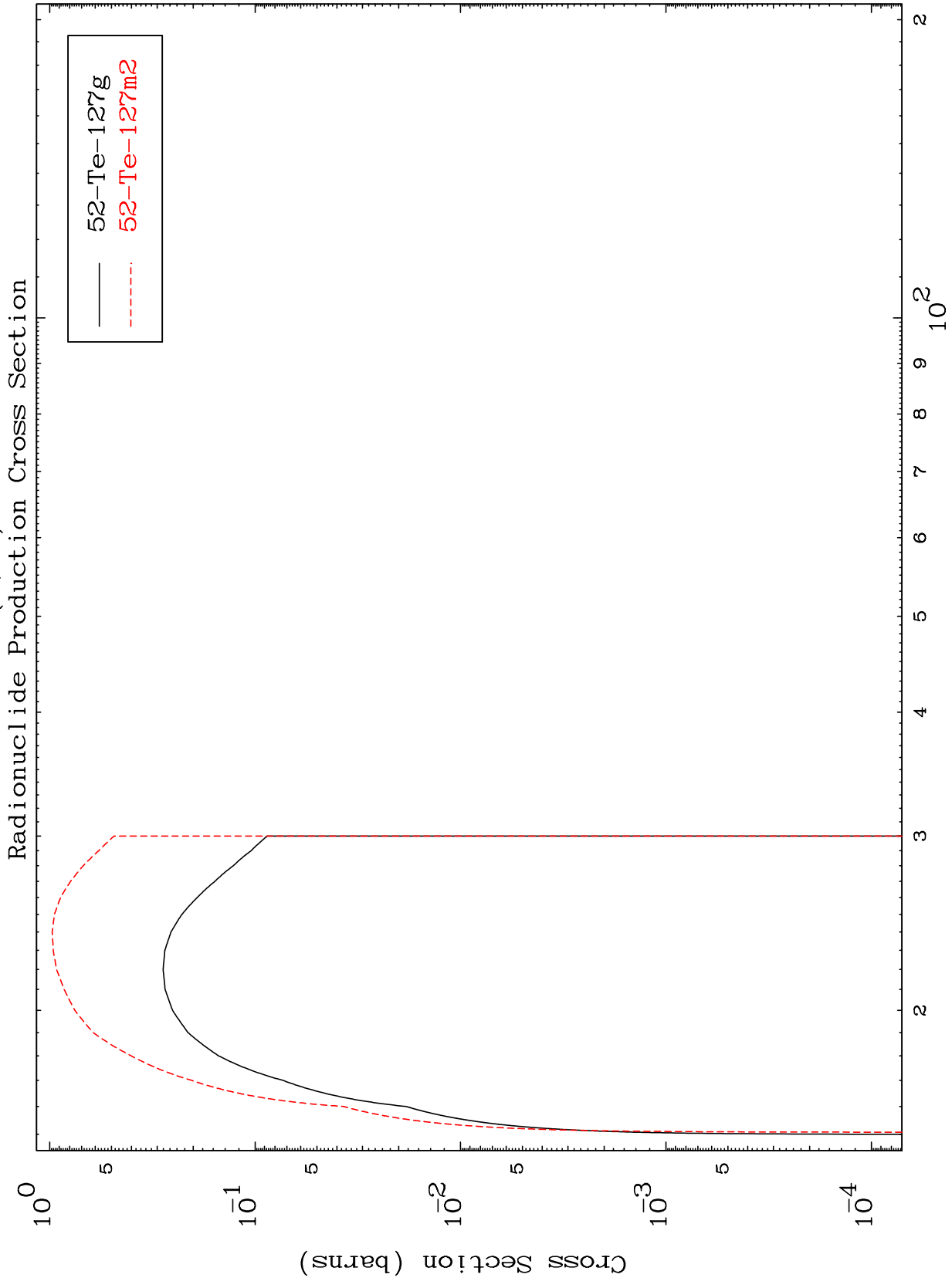
52-Te-129



124

Incident Energy (MeV)

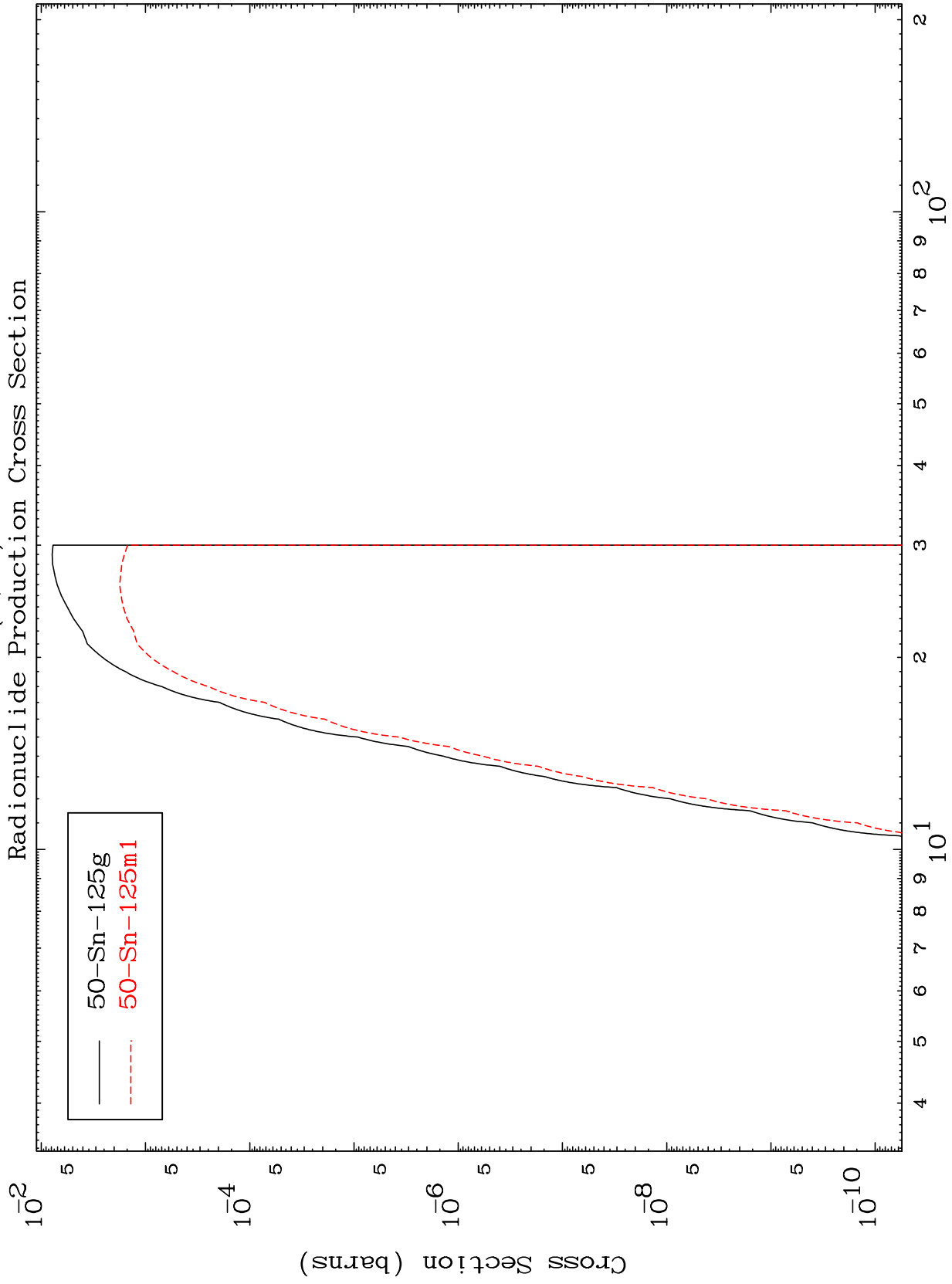
52-Te-129



MAT 5252

(n,n') α

52-Te-129



50-Sn-125g
50-Sn-125m1

126

Incident Energy (MeV)

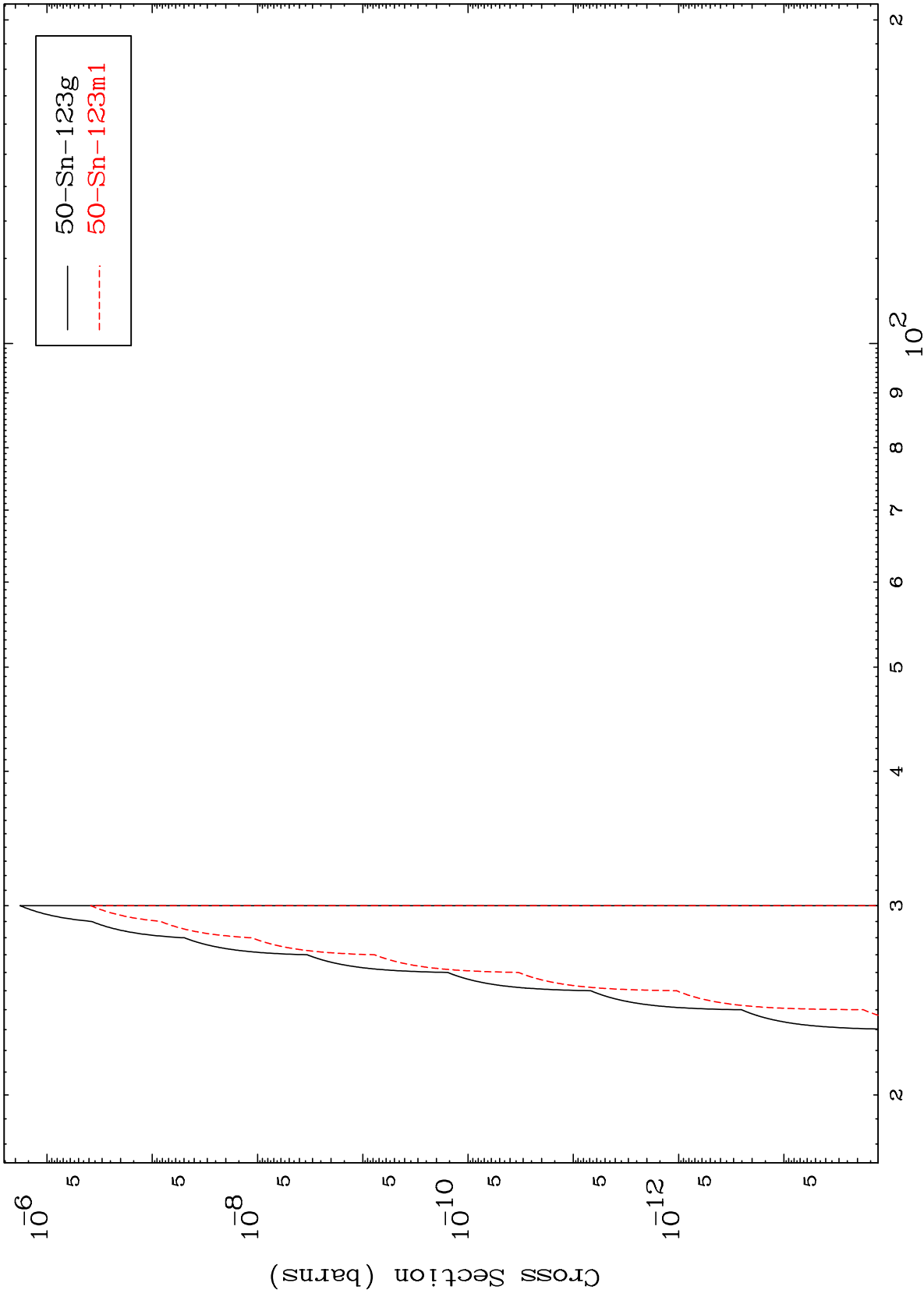
52-Te-129

MAT 5252

(n,3n) α

52-Te-129

Radionuclide Production Cross Section



127

Incident Energy (MeV)

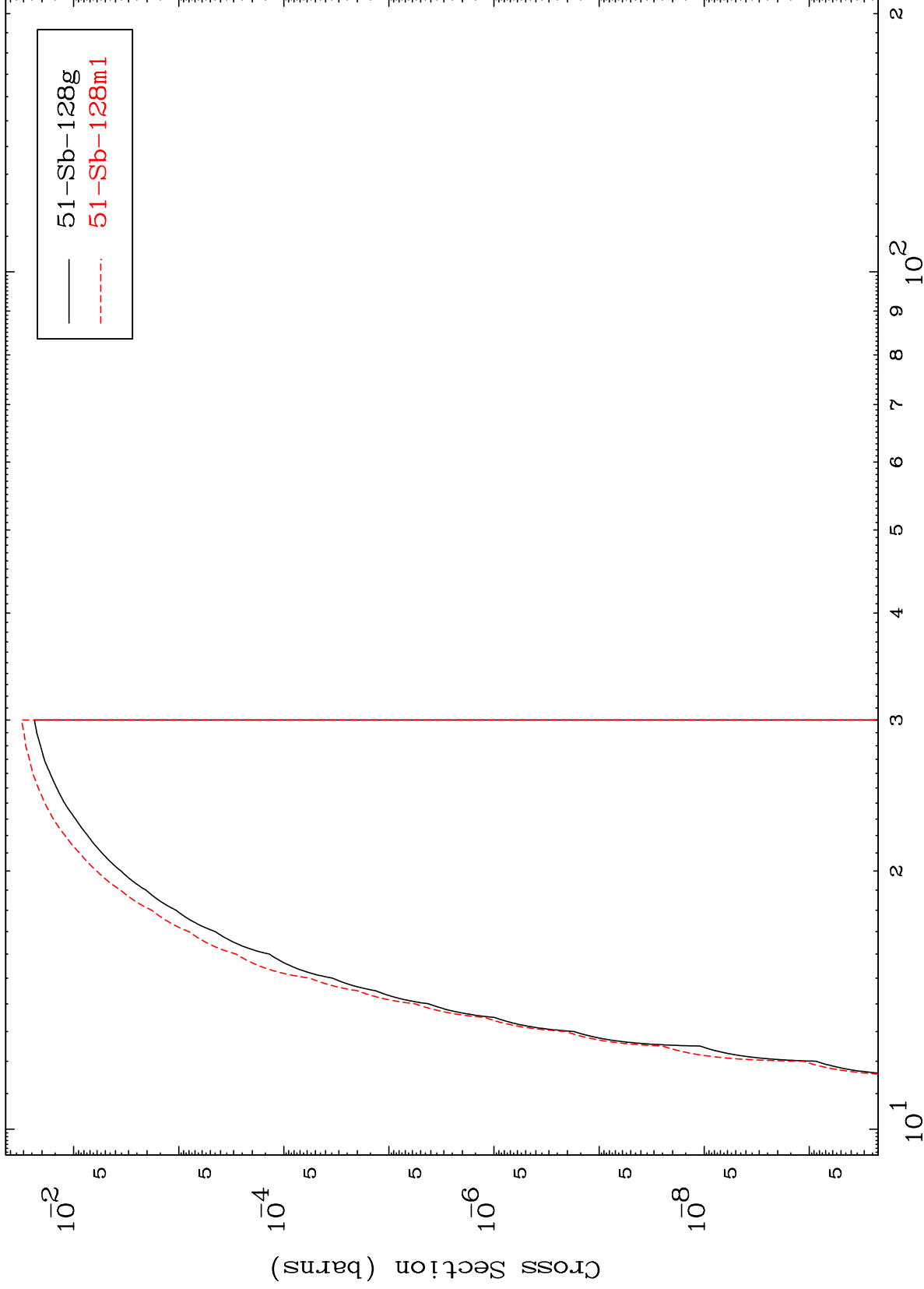
52-Te-129

MAT 5252

(n,n') p

52-Te-129

Radionuclide Production Cross Section



128

Incident Energy (MeV)

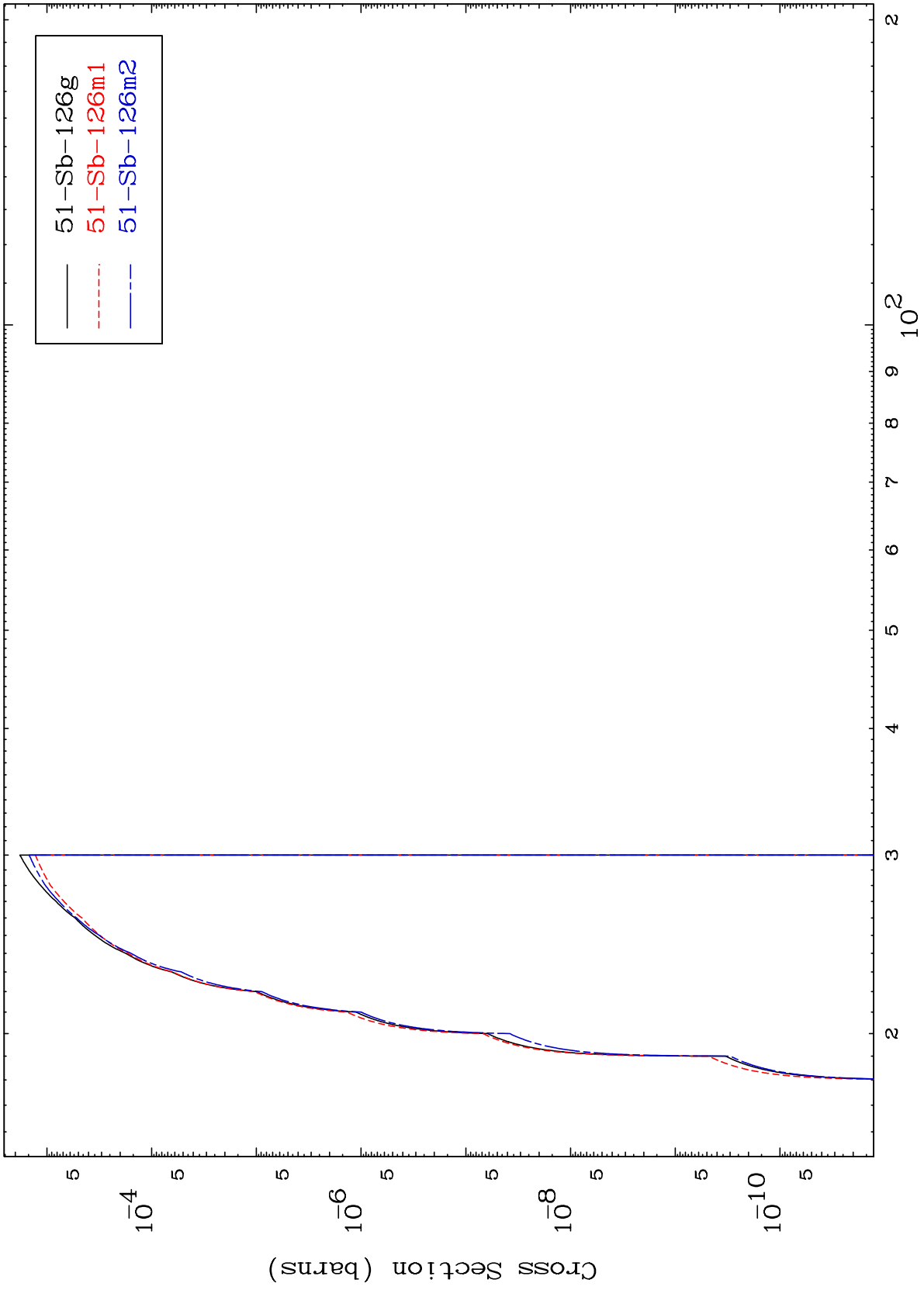
52-Te-129

MAT 5252

(n,n') t

52-Te-129

Radionuclide Production Cross Section



129

Incident Energy (MeV)

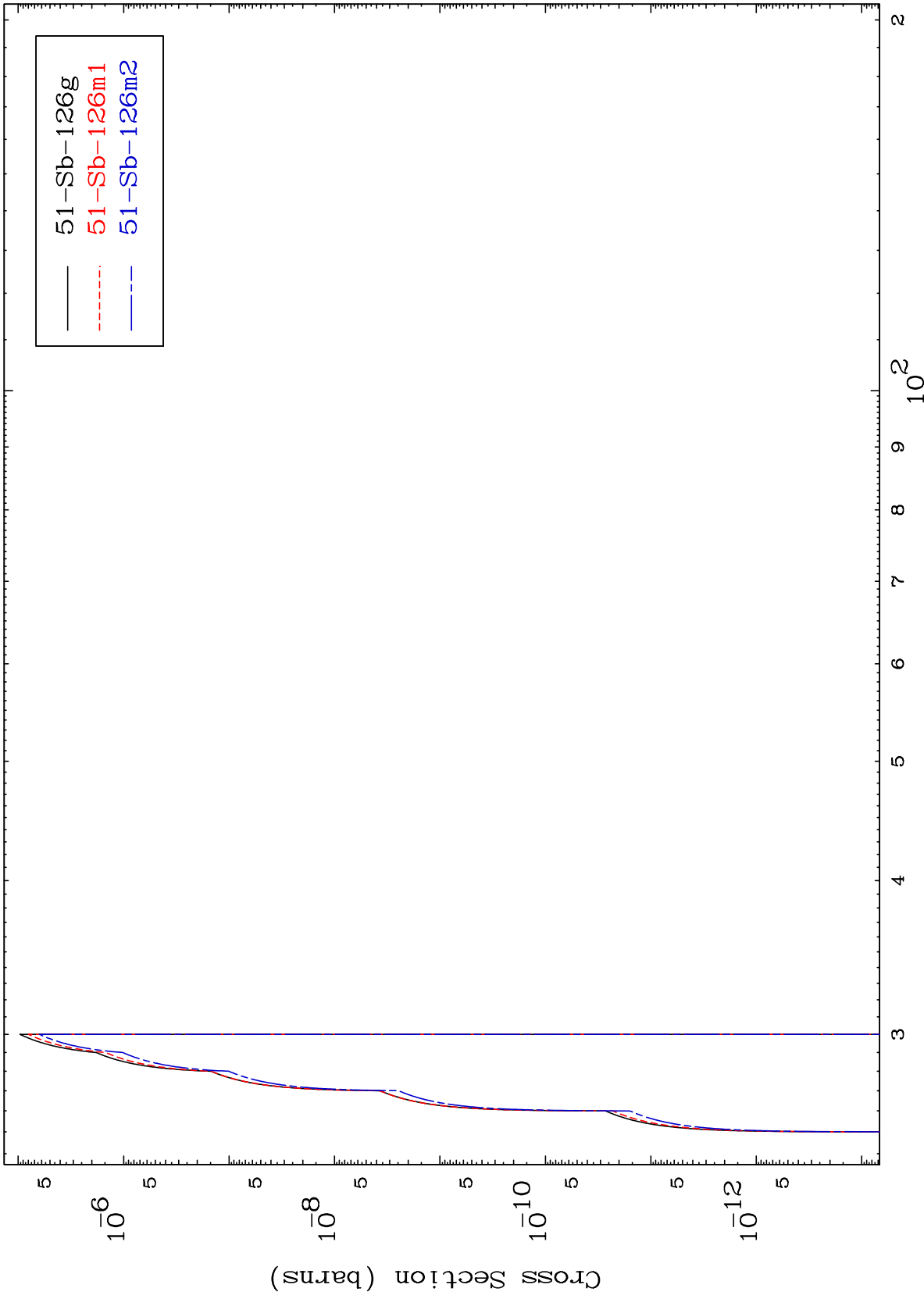
52-Te-129

MAT 5252

(n,3n) p

52-Te-129

Radionuclide Production Cross Section



130

Incident Energy (MeV)

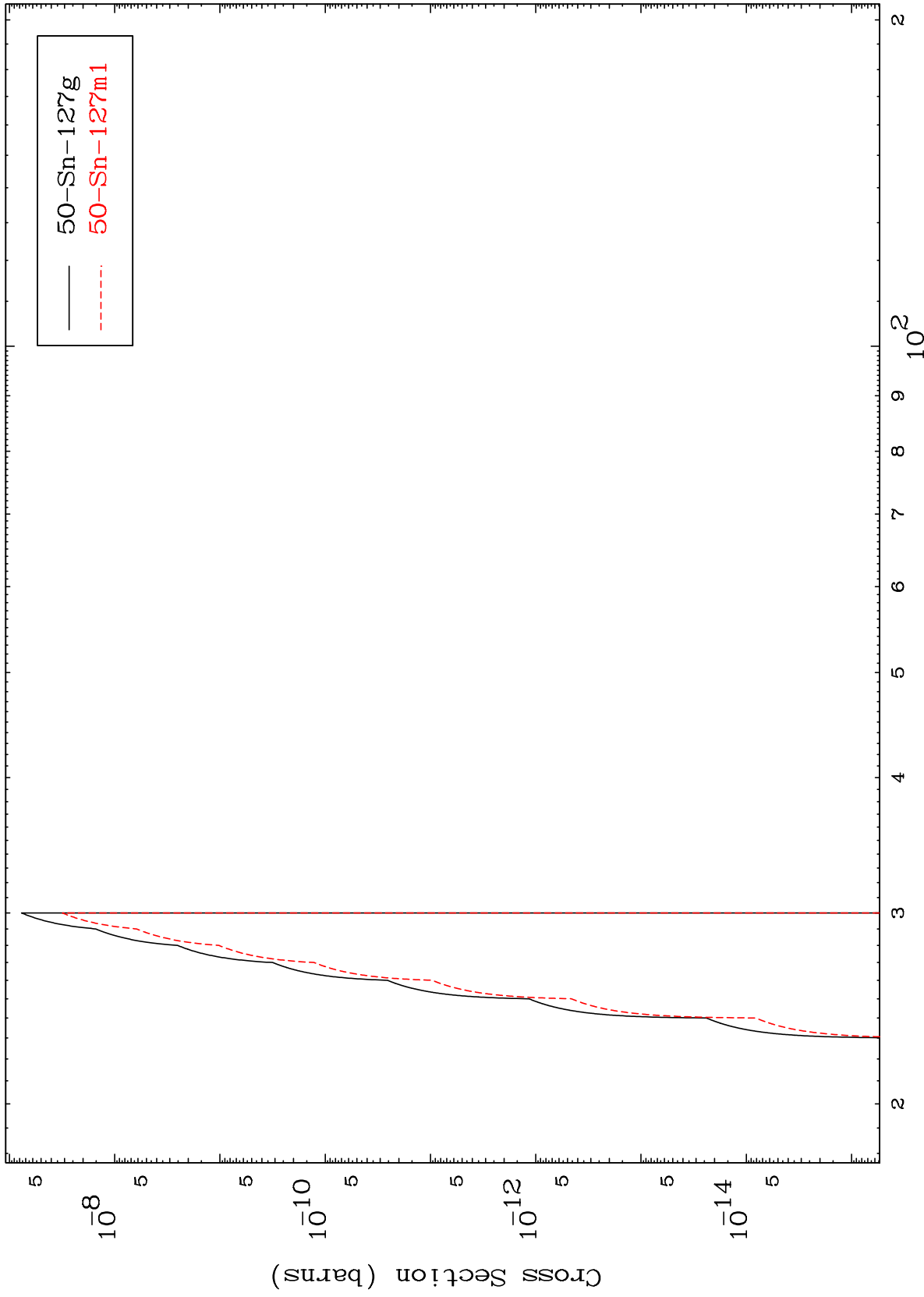
52-Te-129

MAT 5252

(n,2n) p

52-Te-129

Radionuclide Production Cross Section



131

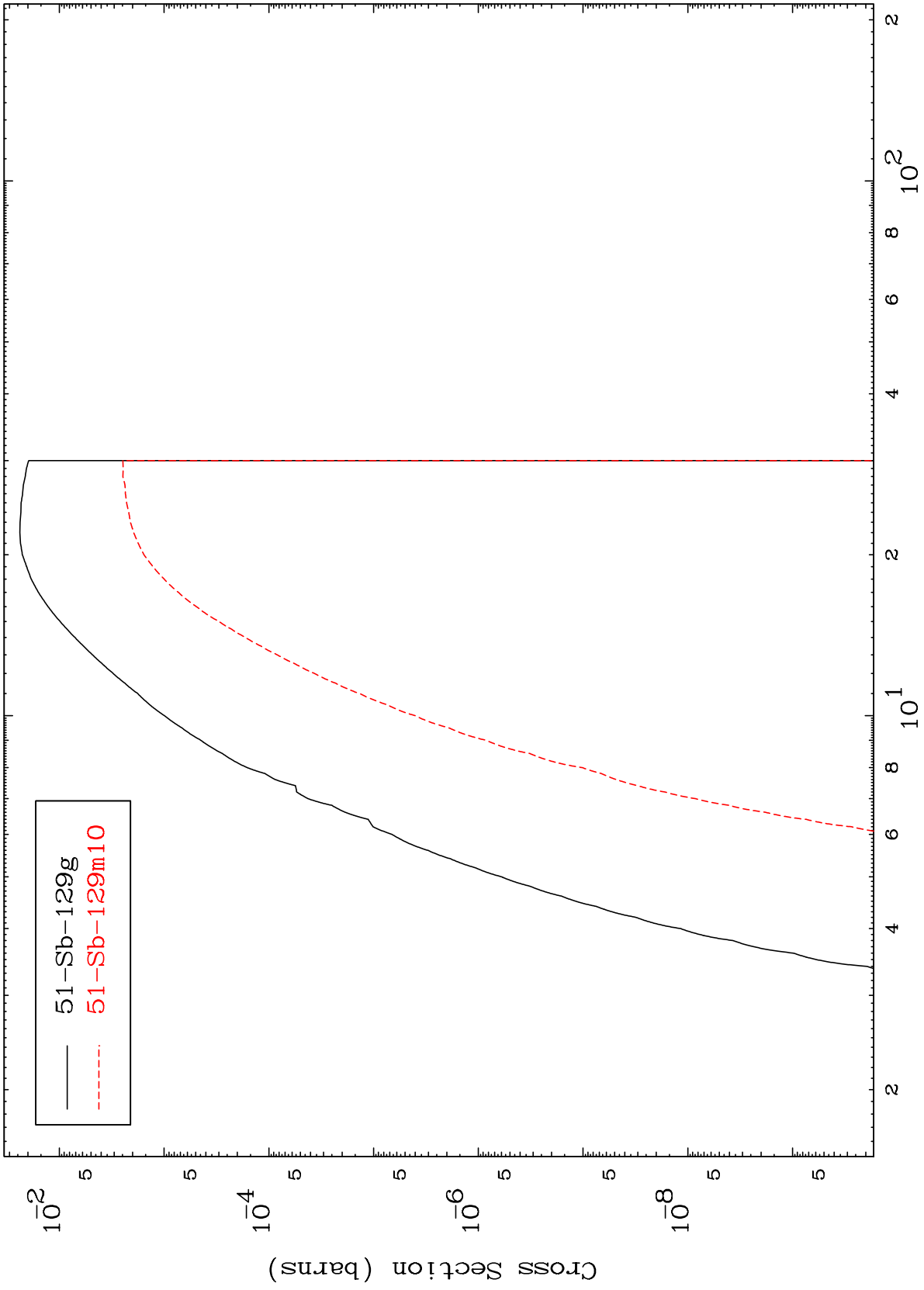
Incident Energy (MeV)

52-Te-129

MAT 5252

(n,p)
Radionuclide Production Cross Section

52-Te-129



132

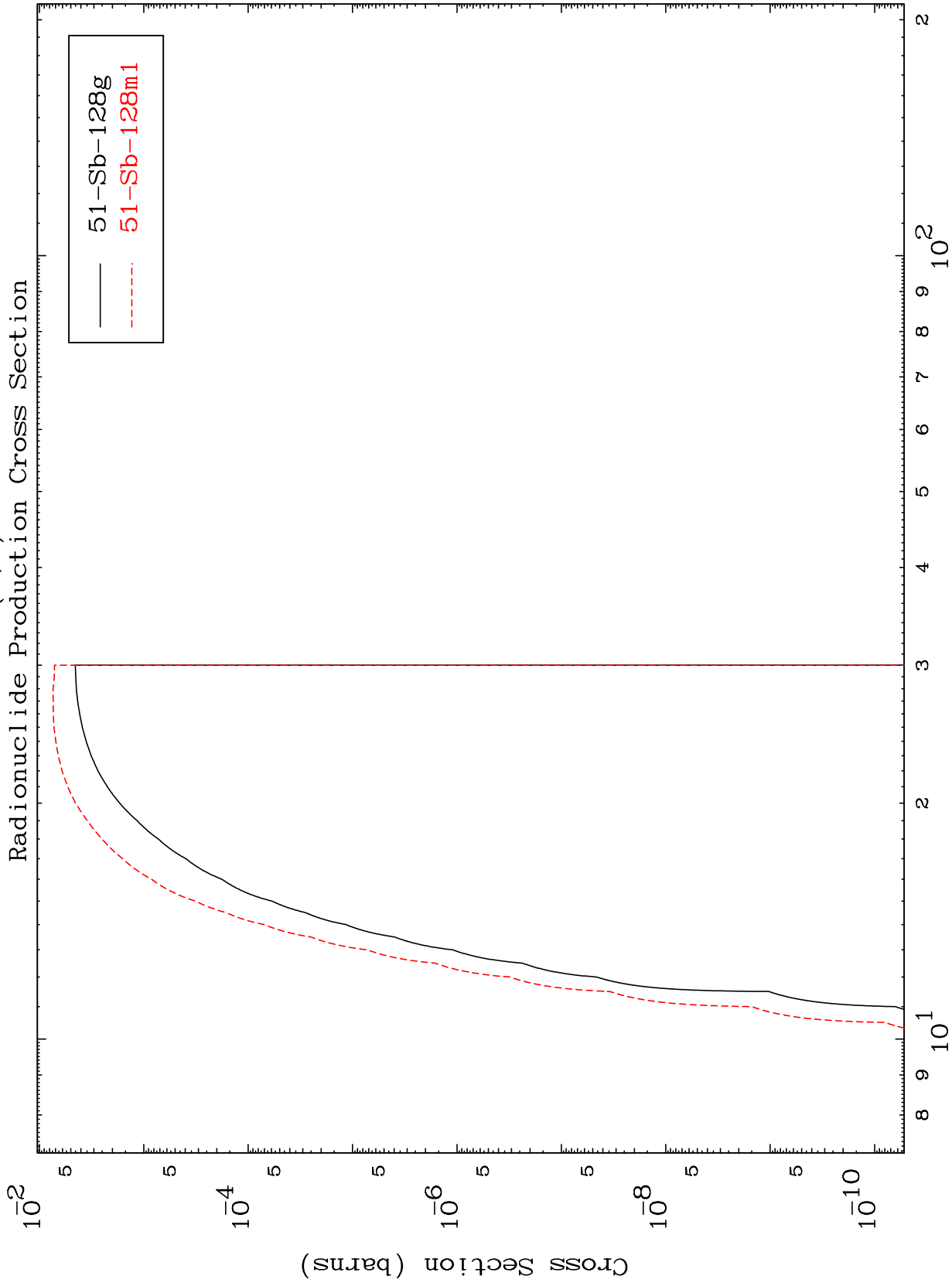
Incident Energy (MeV)

52-Te-129

MAT 5252

52-Te-129

(n,d)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

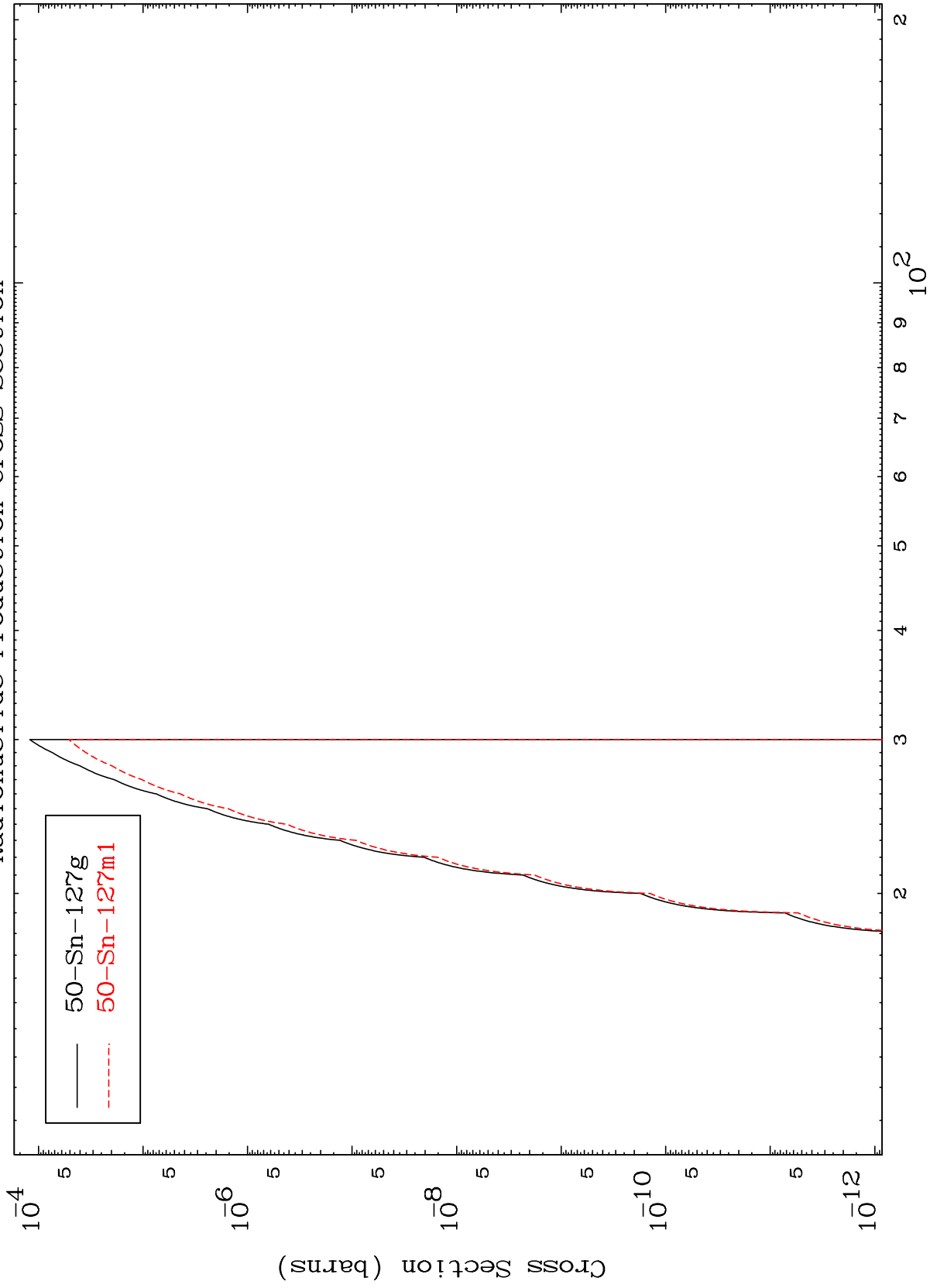
52-Te-129

MAT 5252

(n,He-3)

52-Te-129

Radionuclide Production Cross Section



134

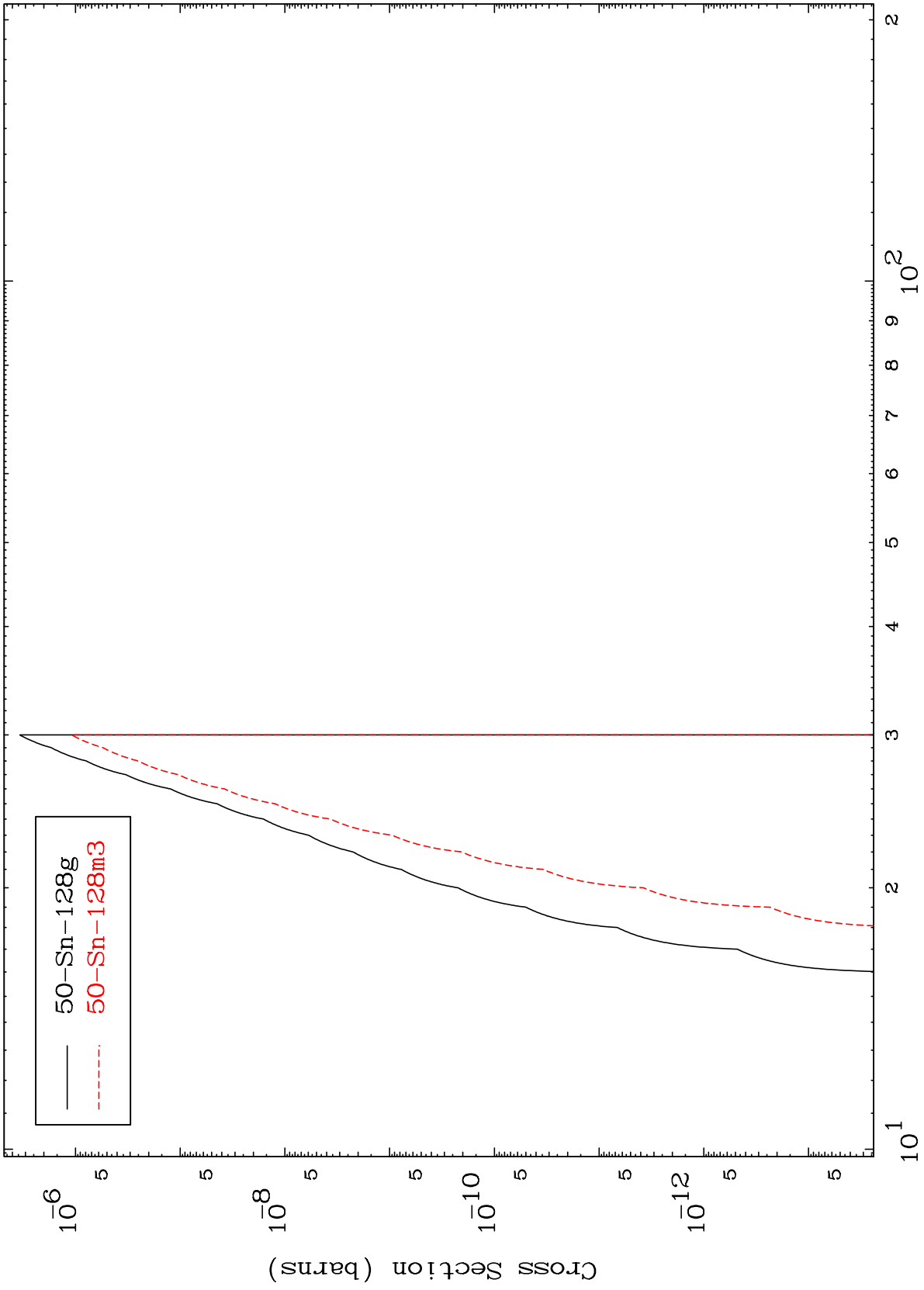
Incident Energy (MeV)

52-Te-129

MAT 5252

52-Te-129

(n,2p)
Radionuclide Production Cross Section



52-Te-129

Incident Energy (MeV)

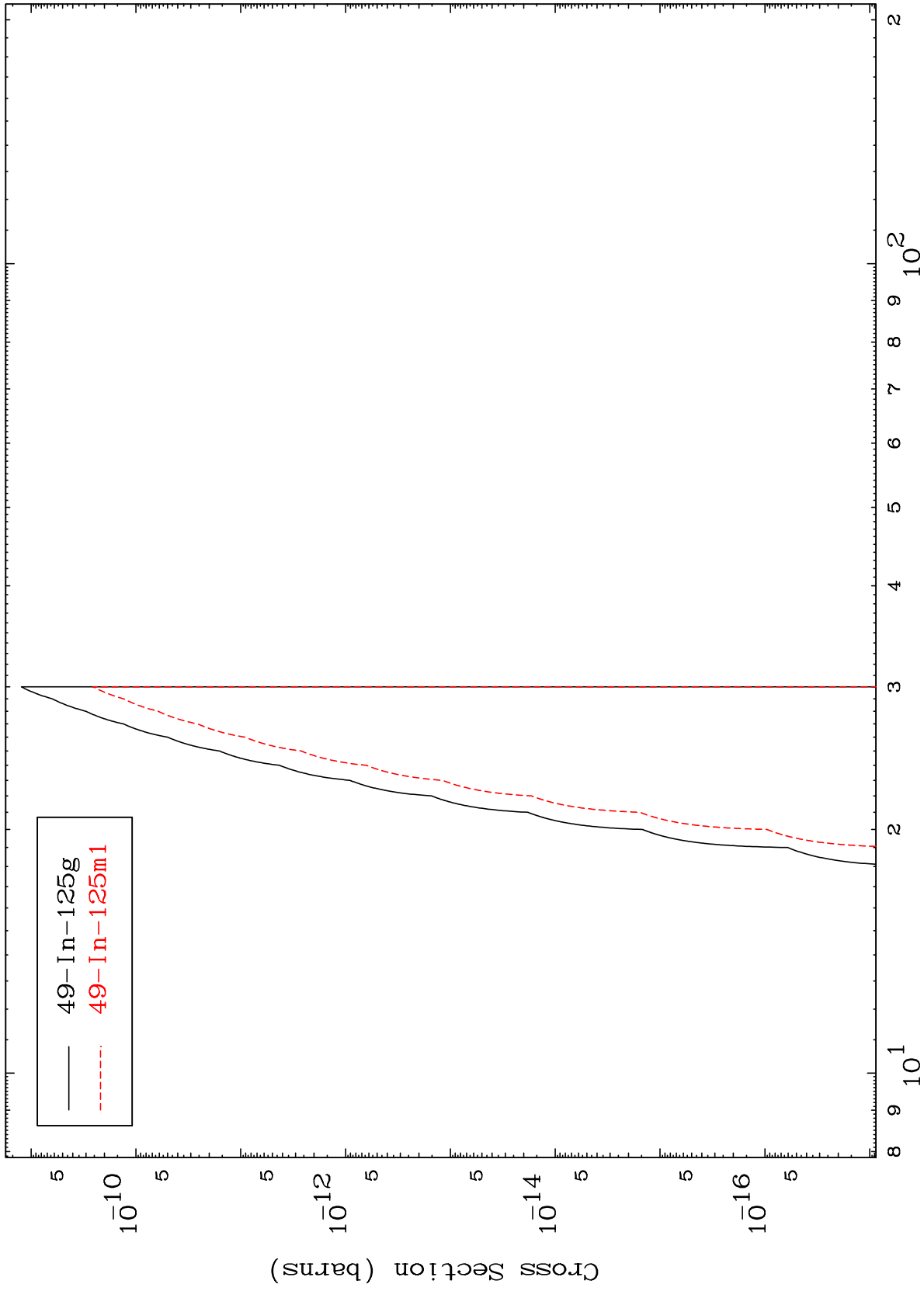
135

MAT 5252

(n,p) α

52-Te-129

Radionuclide Production Cross Section



136

Incident Energy (MeV)

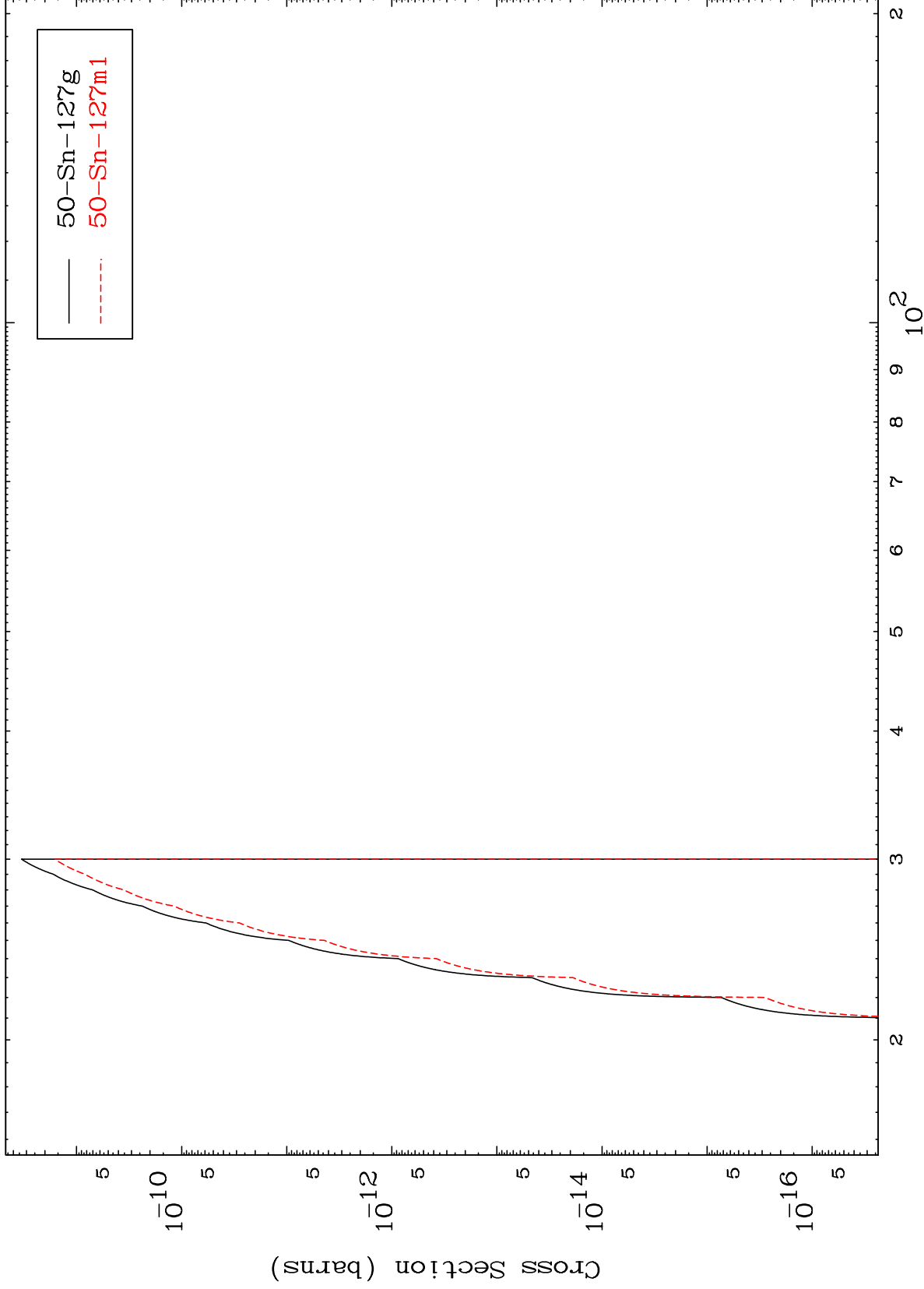
52-Te-129

MAT 5252

(n,p) d

52-Te-129

Radionuclide Production Cross Section



137

Incident Energy (MeV)

52-Te-129