

Program EVALPLOT
(Version 2018-1)

by

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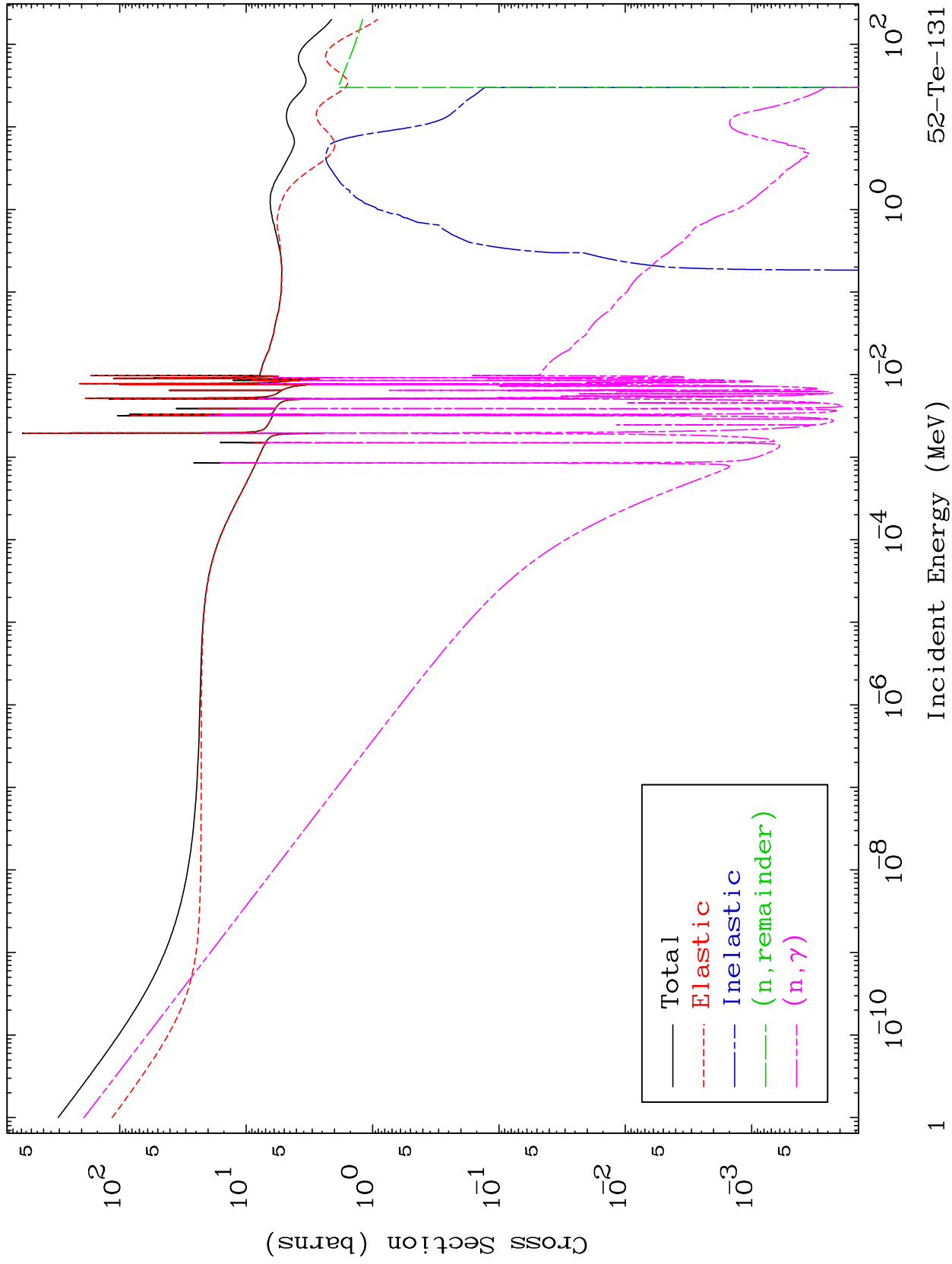
Press Mouse Button to Start

MAT 5258

Major

293 Kelvin Cross Sections

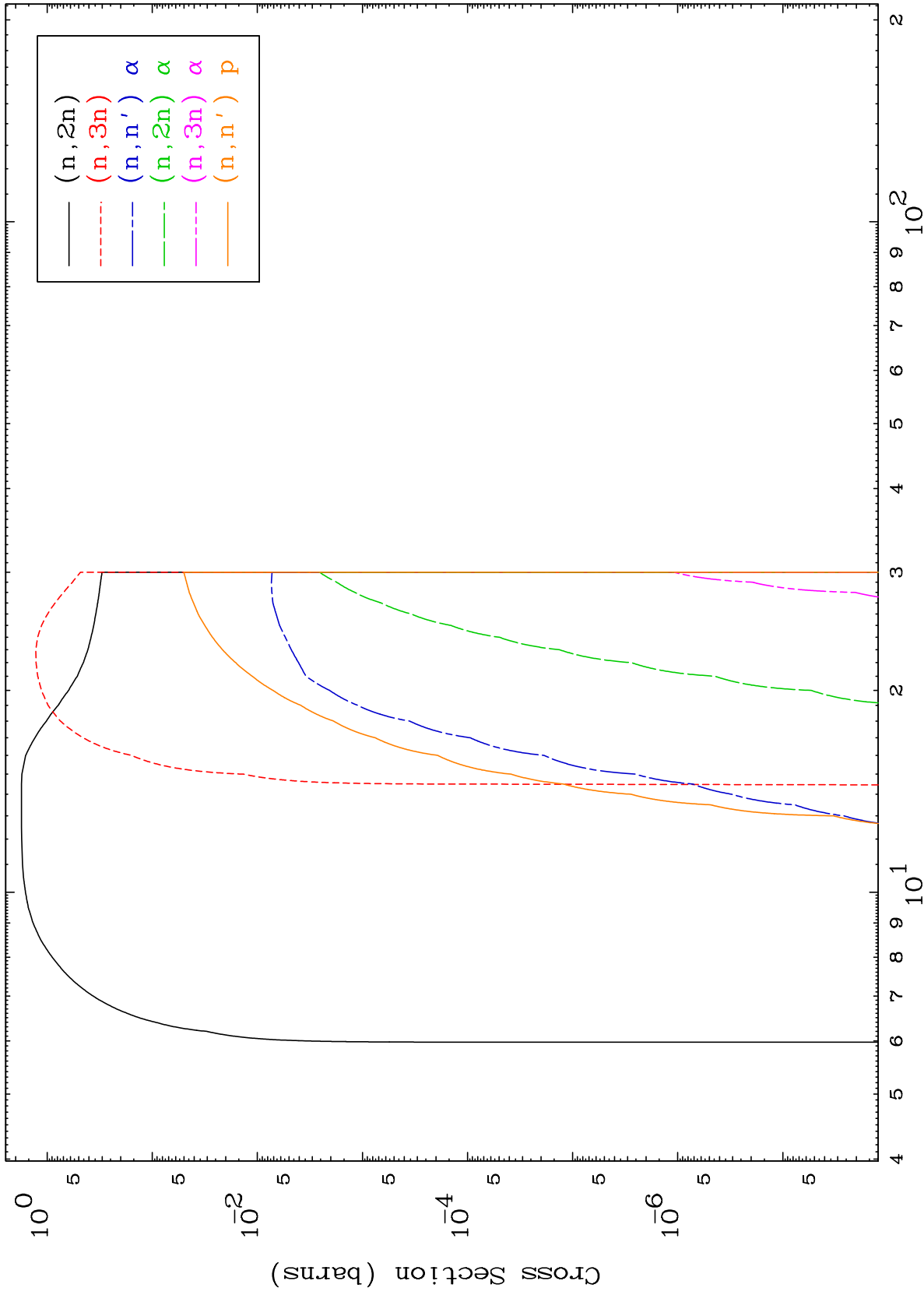
52-Te-131



MAT 5258

Neutron Production 293 Kelvin Cross Sections

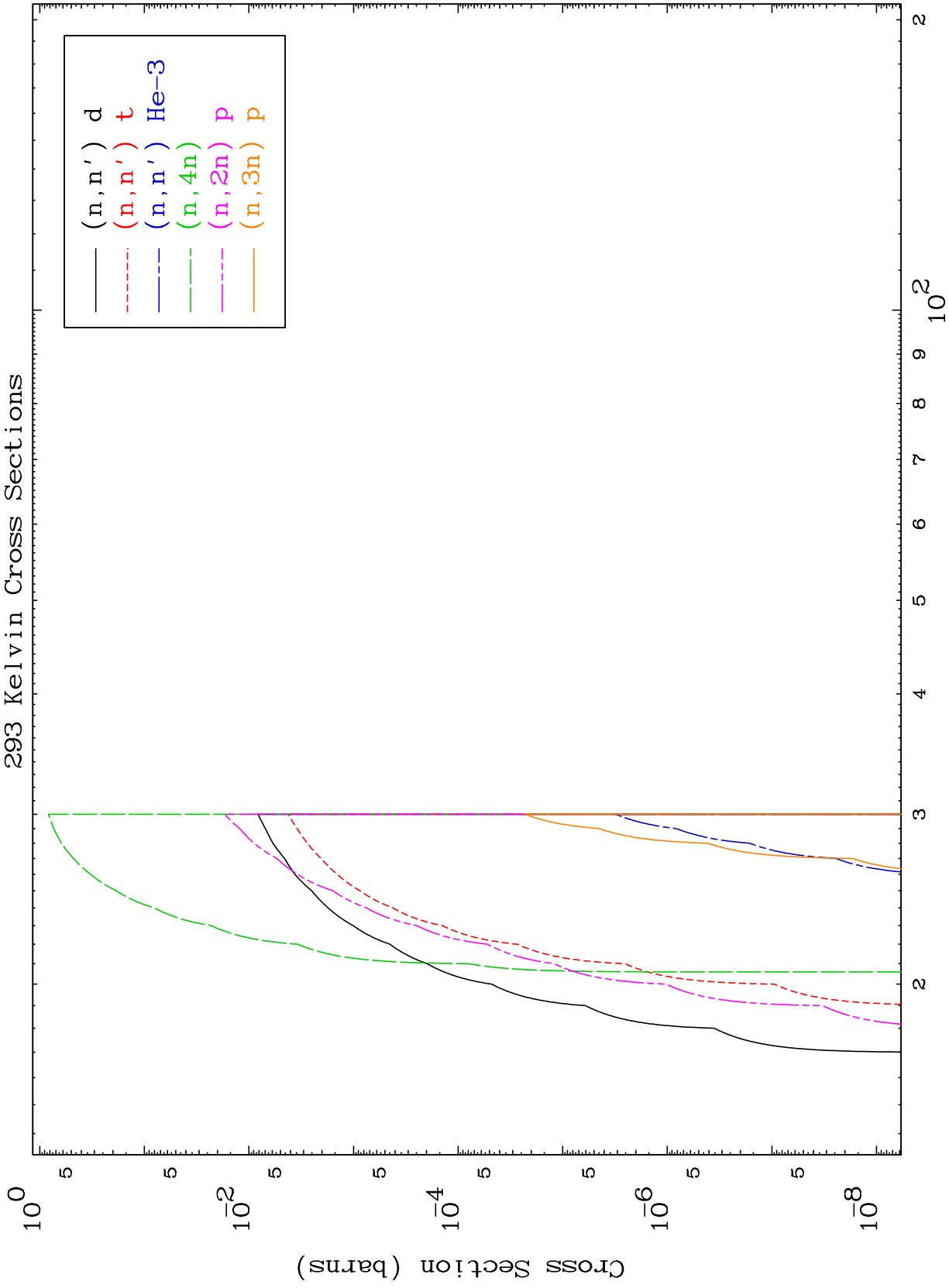
52-Te-131



2

Incident Energy (MeV)

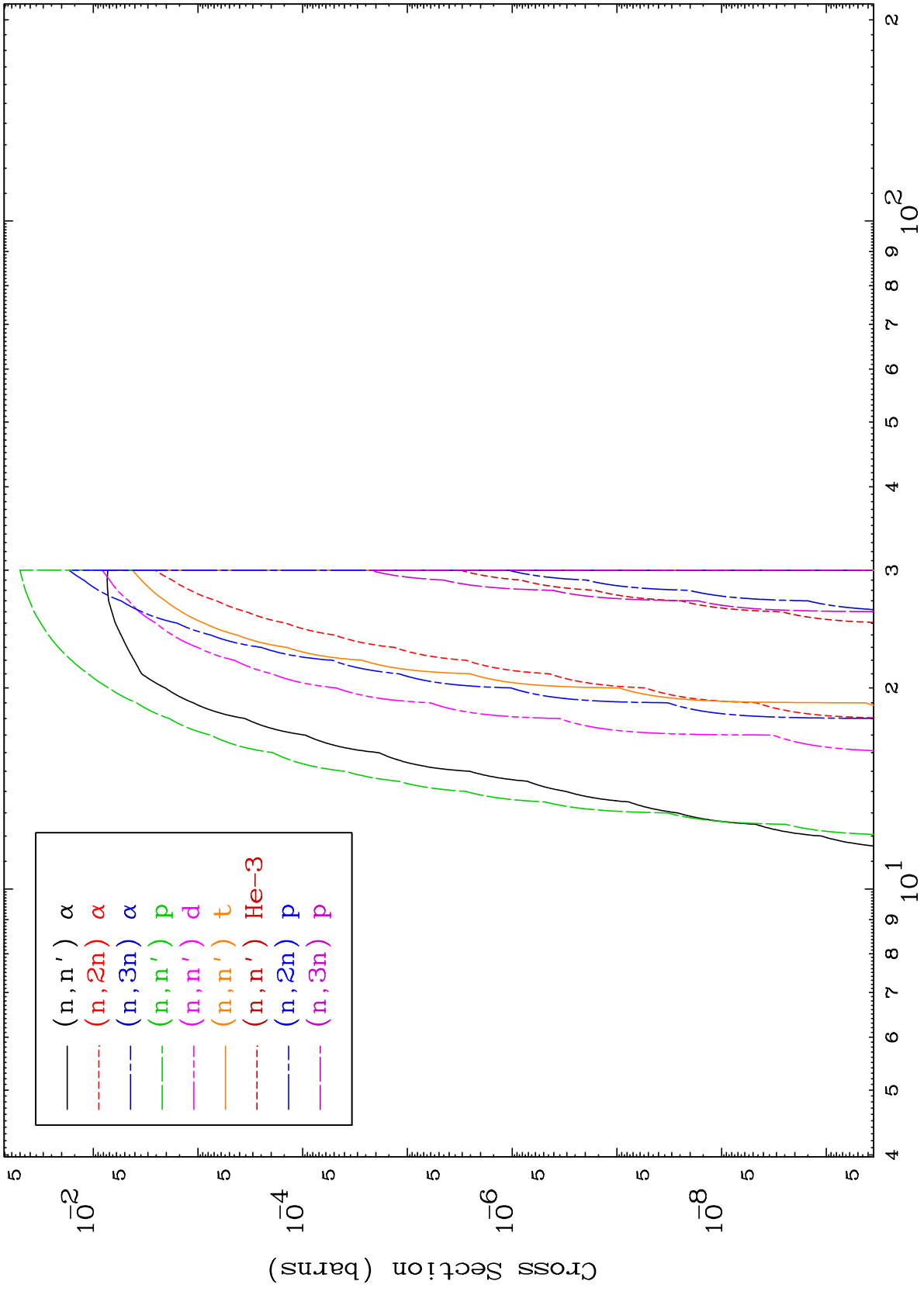
52-Te-131



MAT 5258

Charged Particle
293 Kelvin Cross Sections

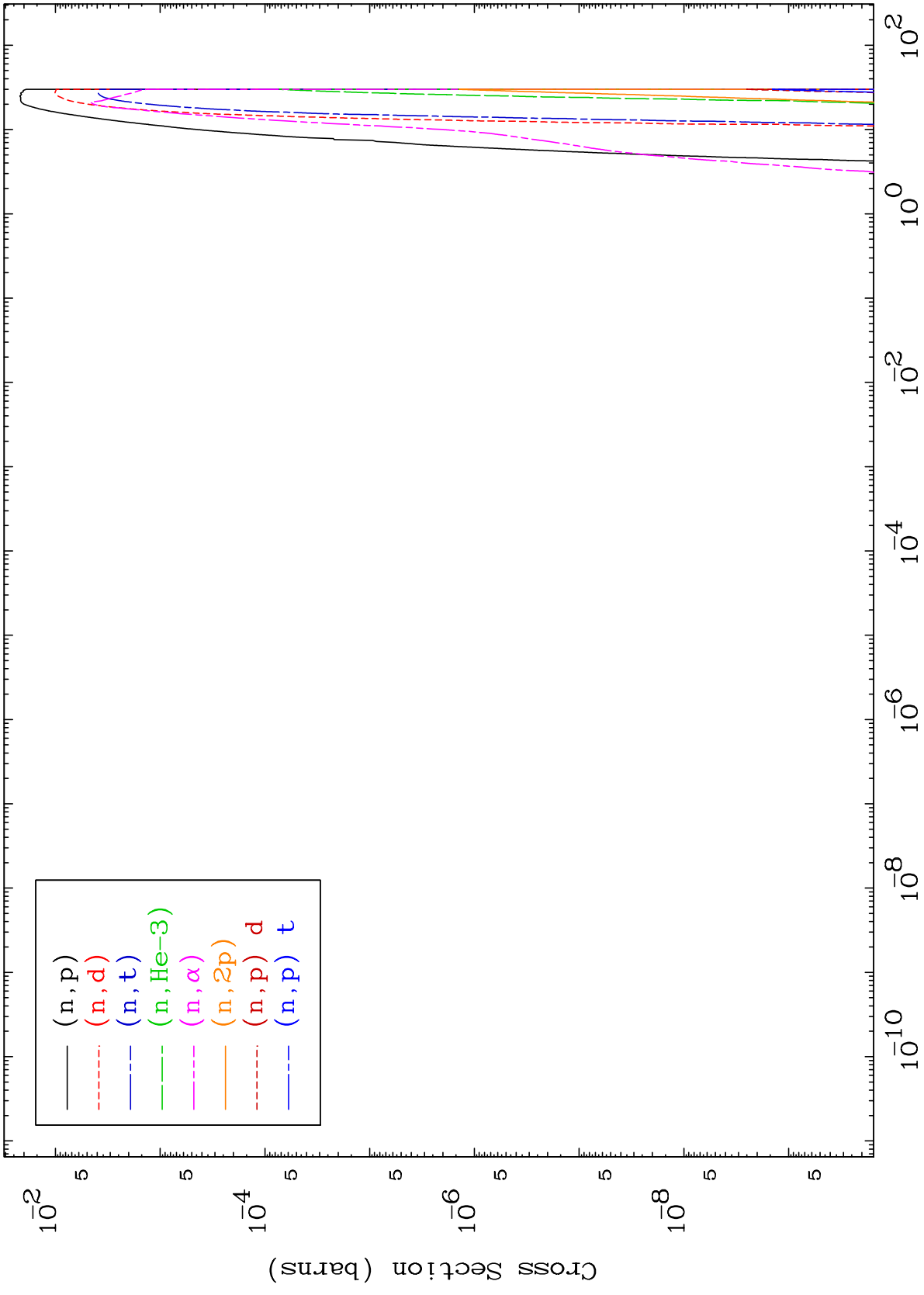
52-Te-131



MAT 5258

293 Charged Particle
Kelvin Cross Sections

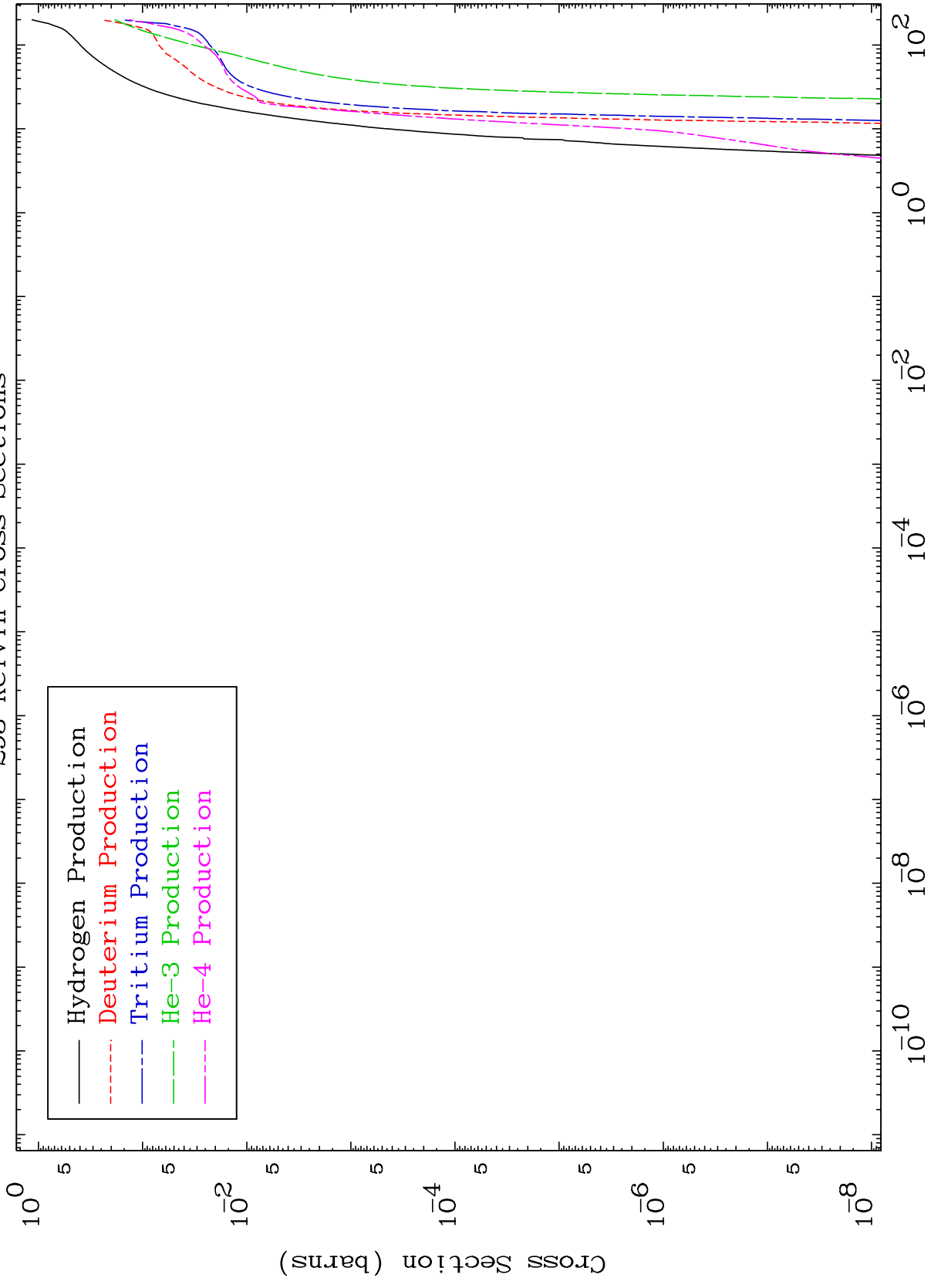
52-Te-131



MAT 5258

Particle Production
293 Kelvin Cross Sections

52-Te-131



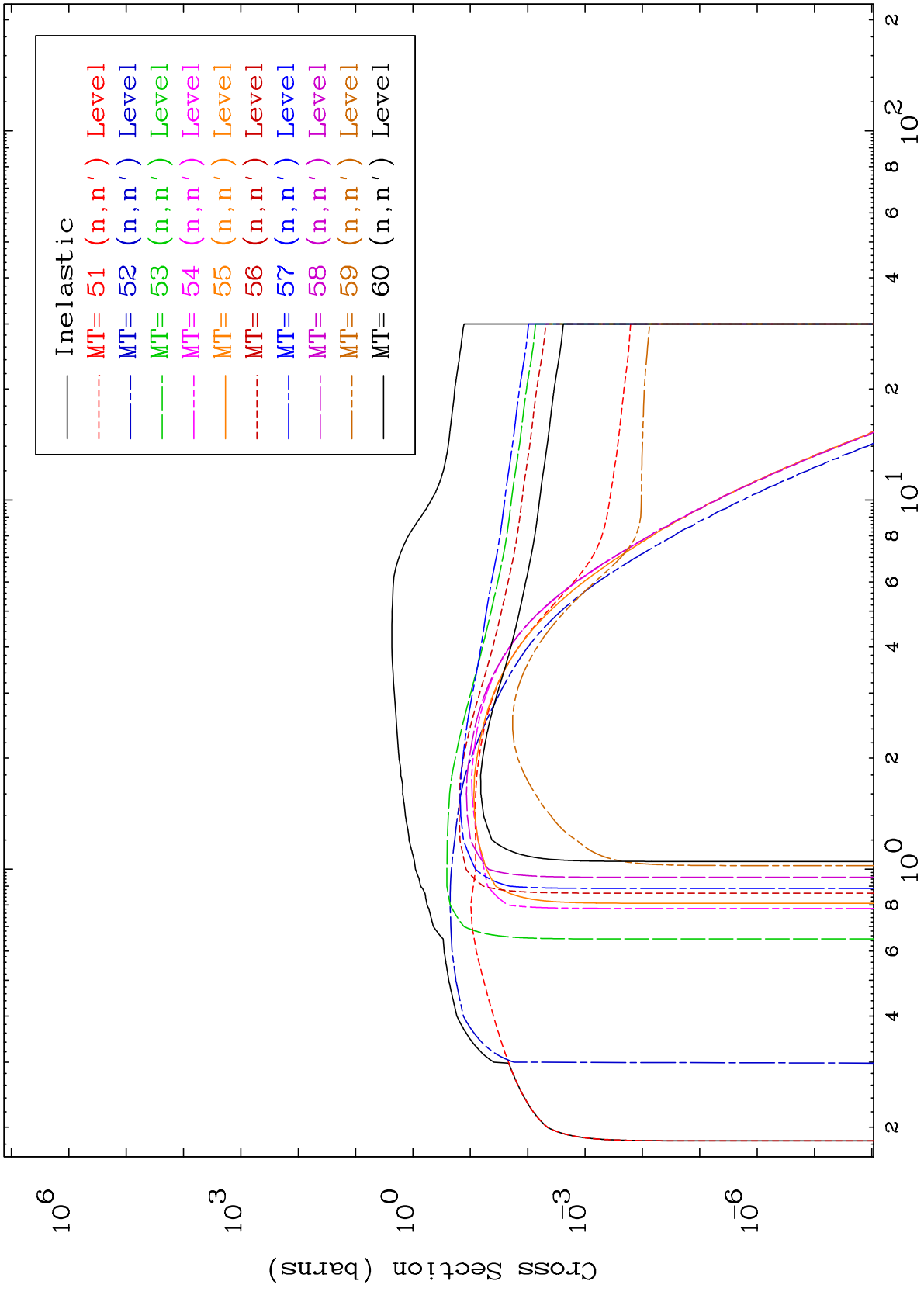
52-Te-131

MAT 5258

(n,n') Level

52-Te-131

293 Kelvin Cross Sections

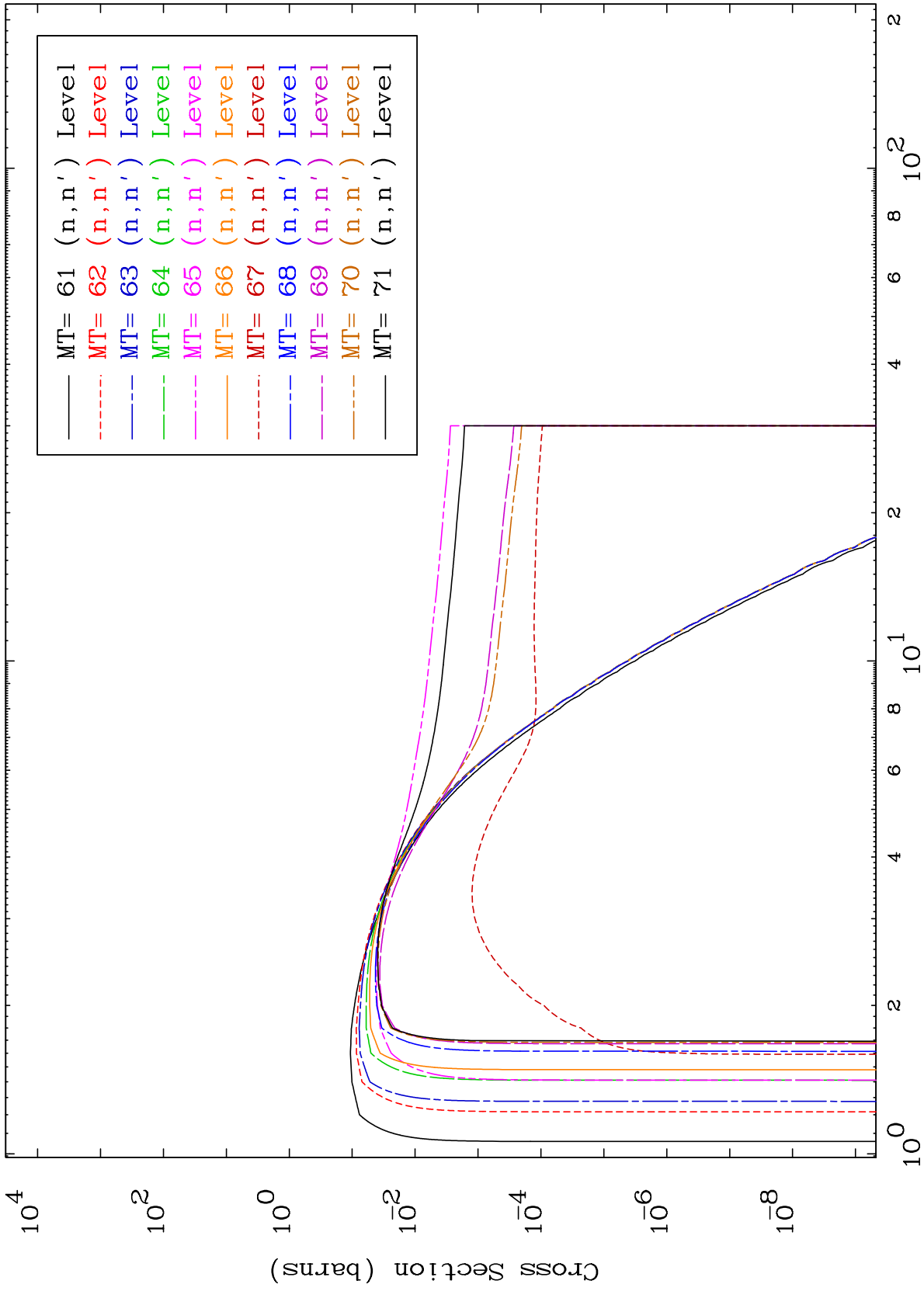


MAT 5258

(n,n') Level

52-Te-131

293 Kelvin Cross Sections



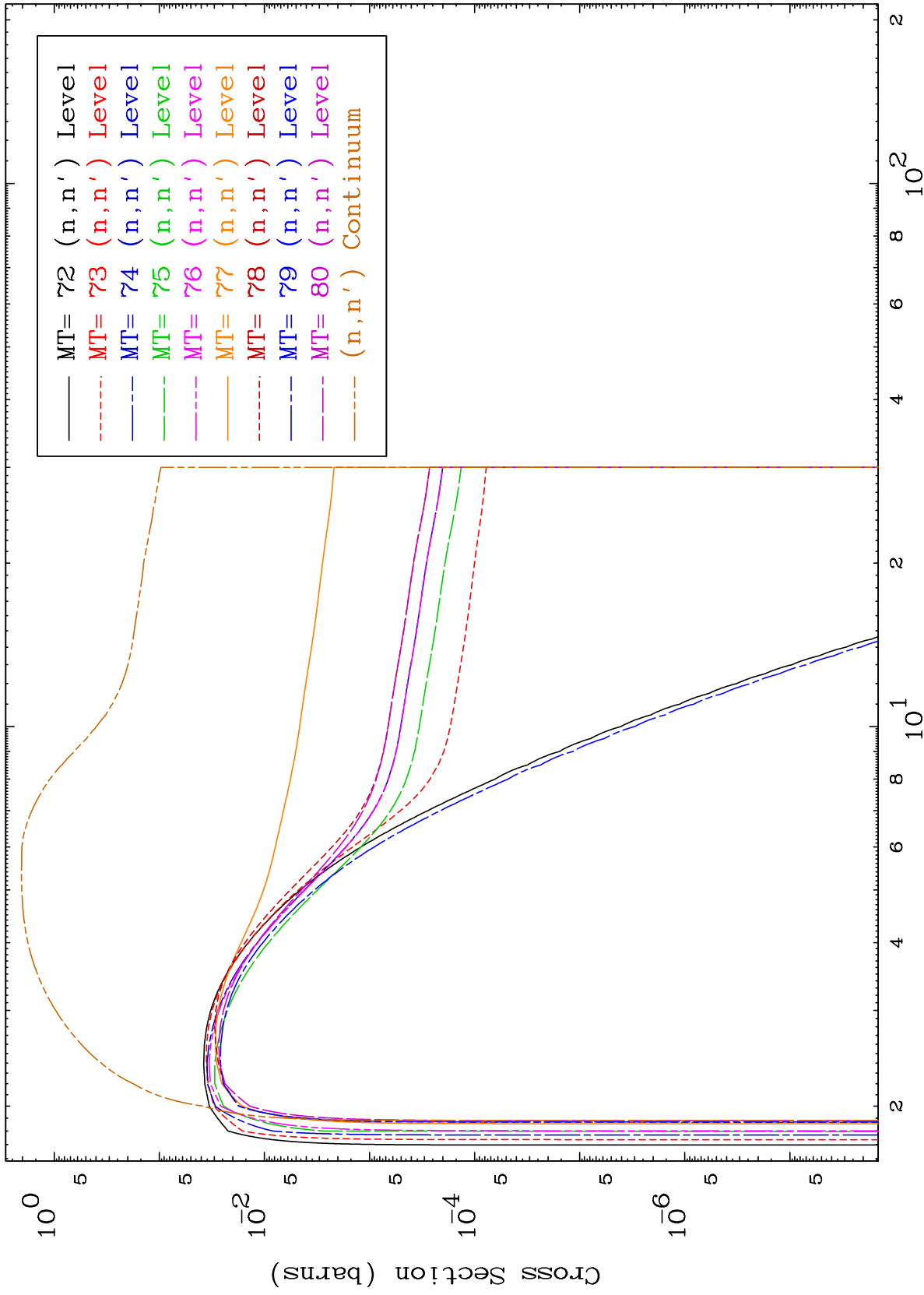
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,n') Level
293 Kelvin Cross Sections

52-Te-131



9

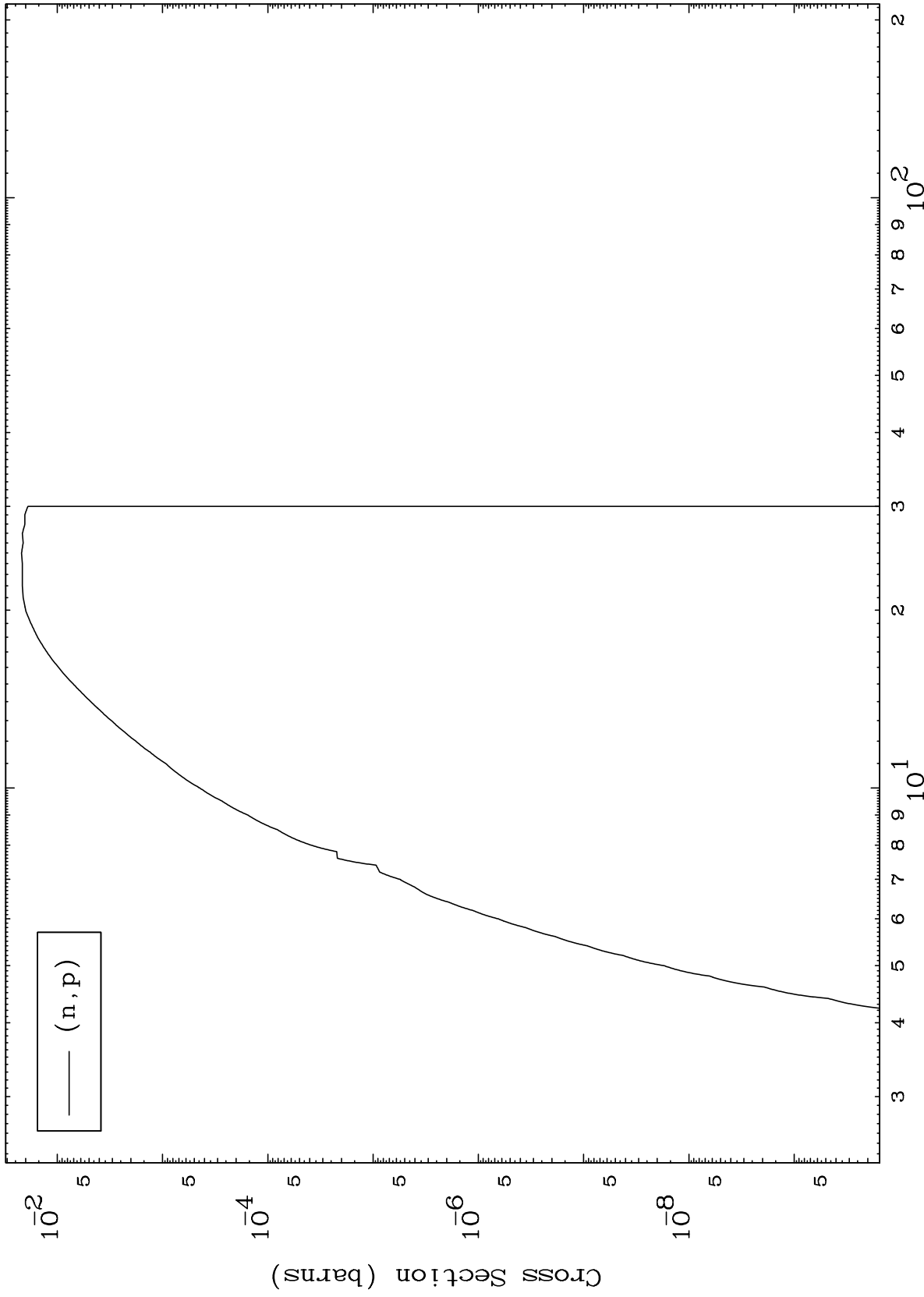
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,p) Levels
293 Kelvin Cross Sections

52-Te-131



10

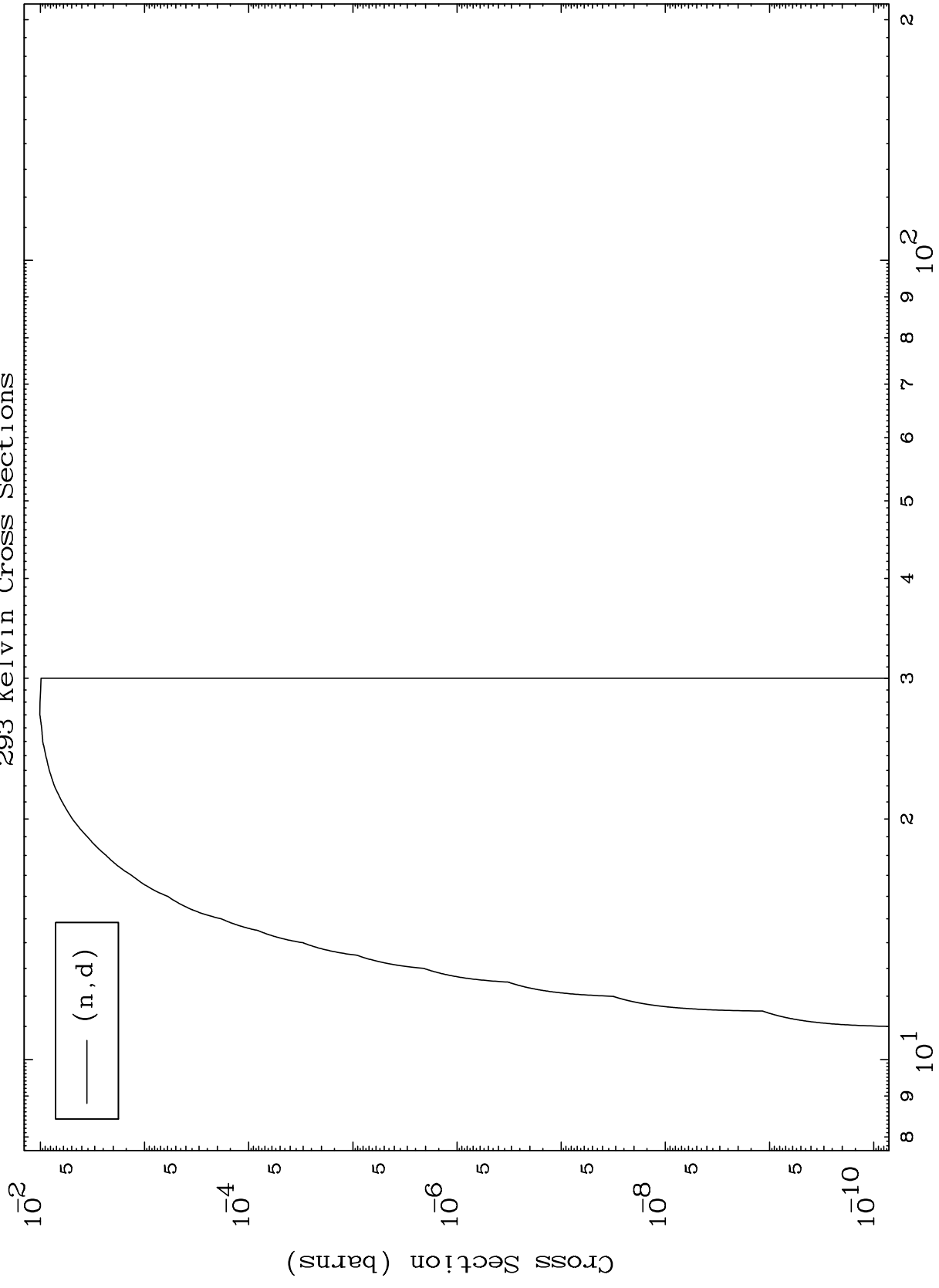
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52-Te-131

MAT 5258

(n,d) Levels
293 Kelvin Cross Sections

52-Te-131



11

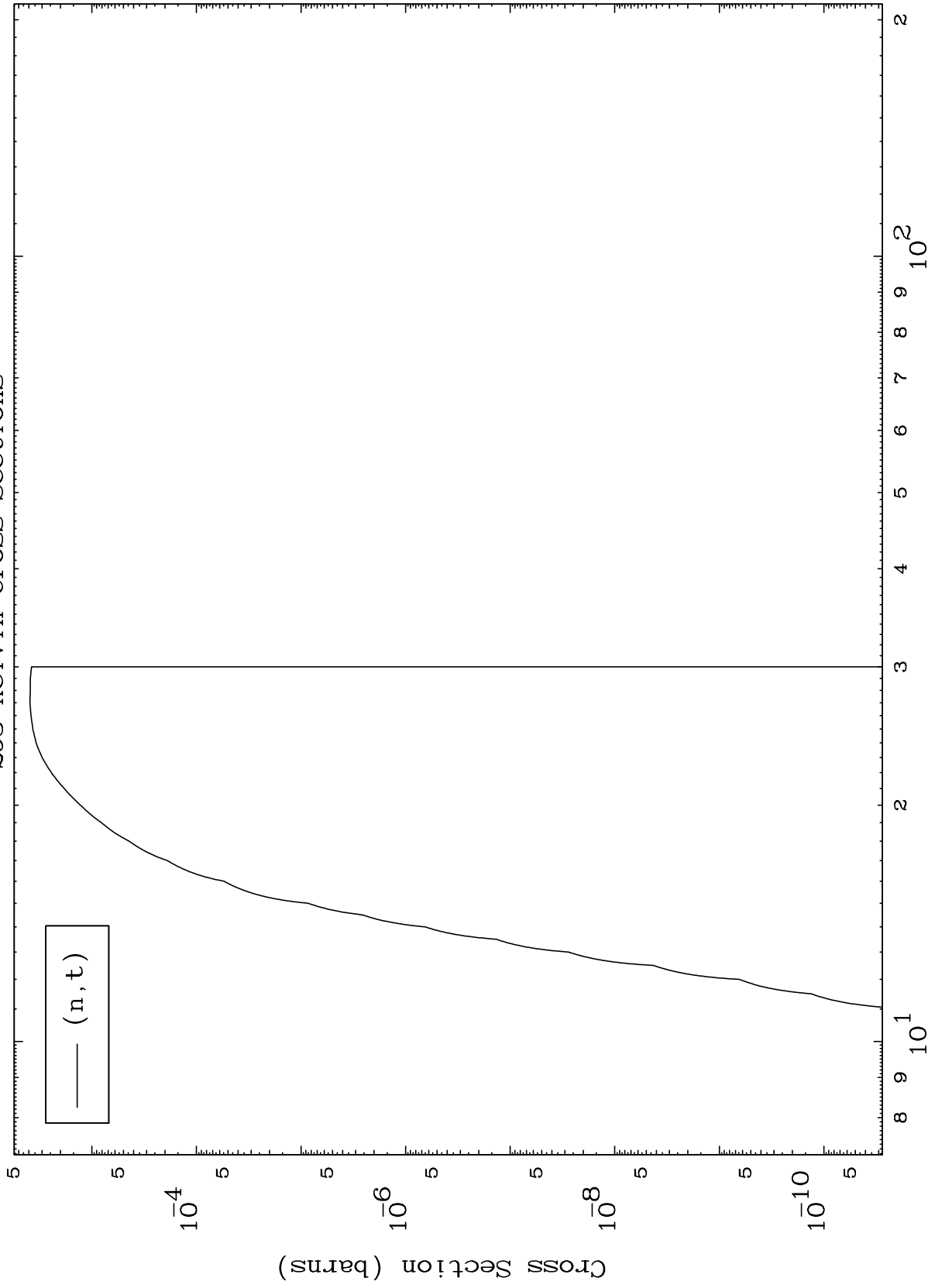
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,t) Levels
293 Kelvin Cross Sections

52-Te-131



12

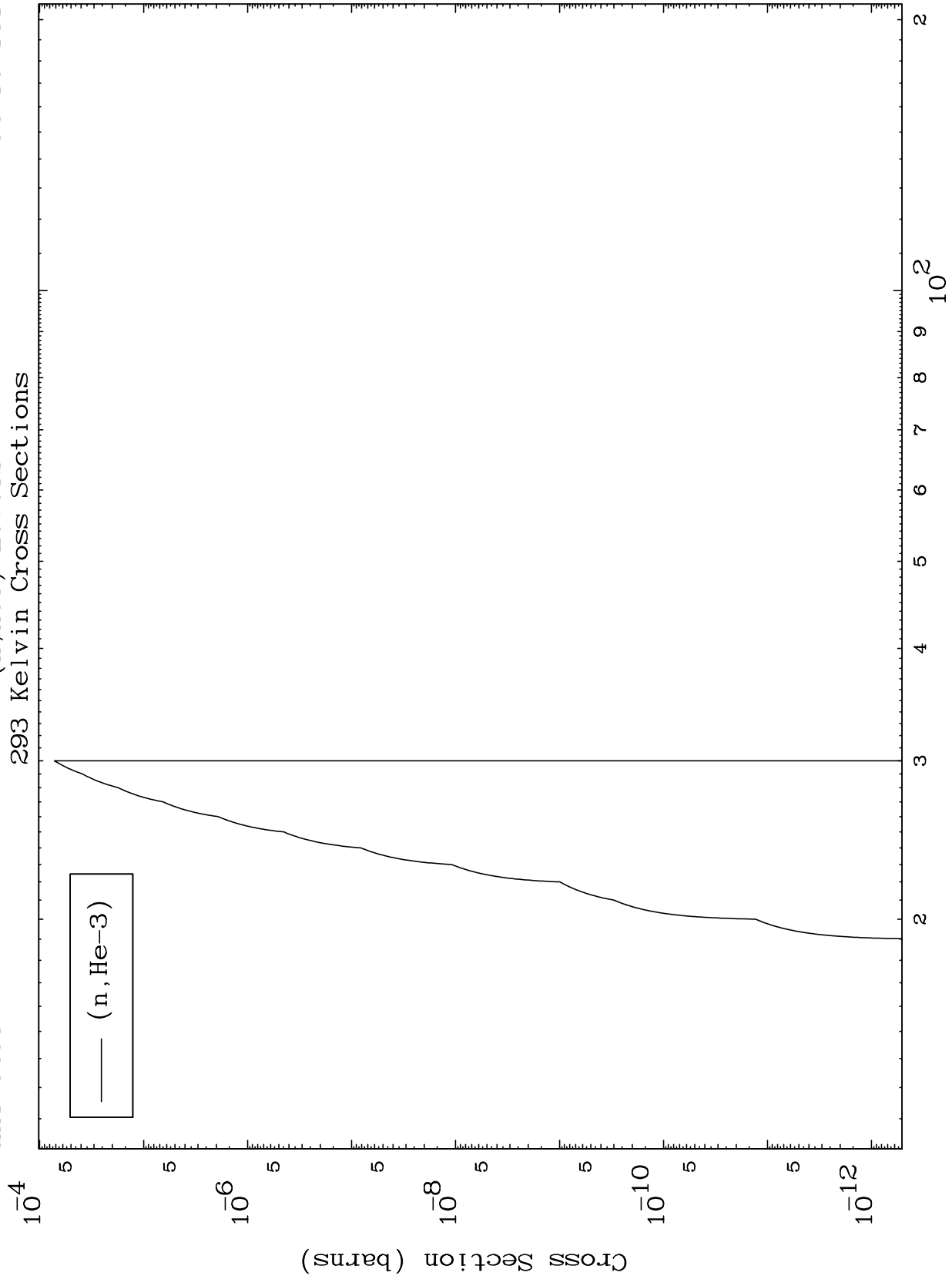
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-131



13

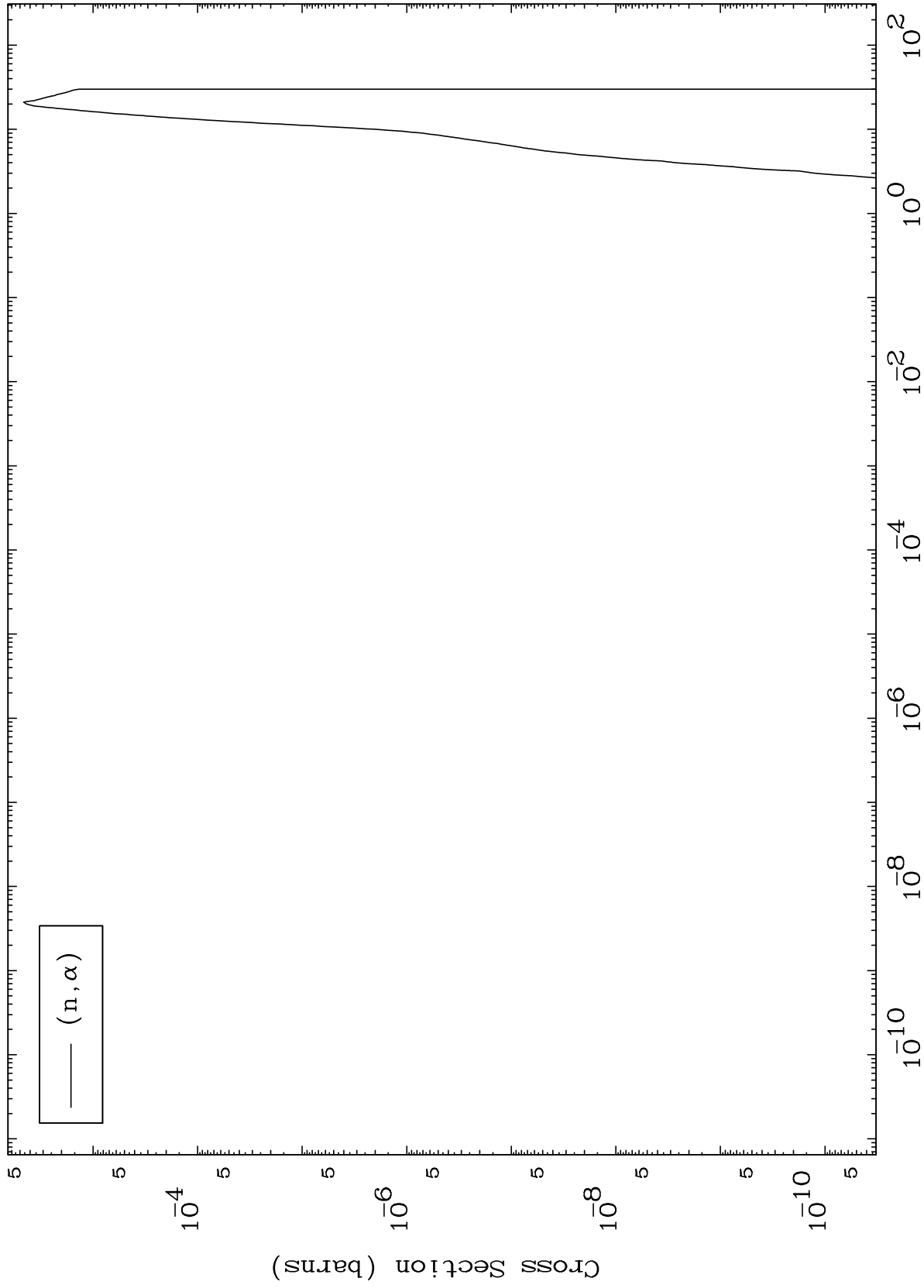
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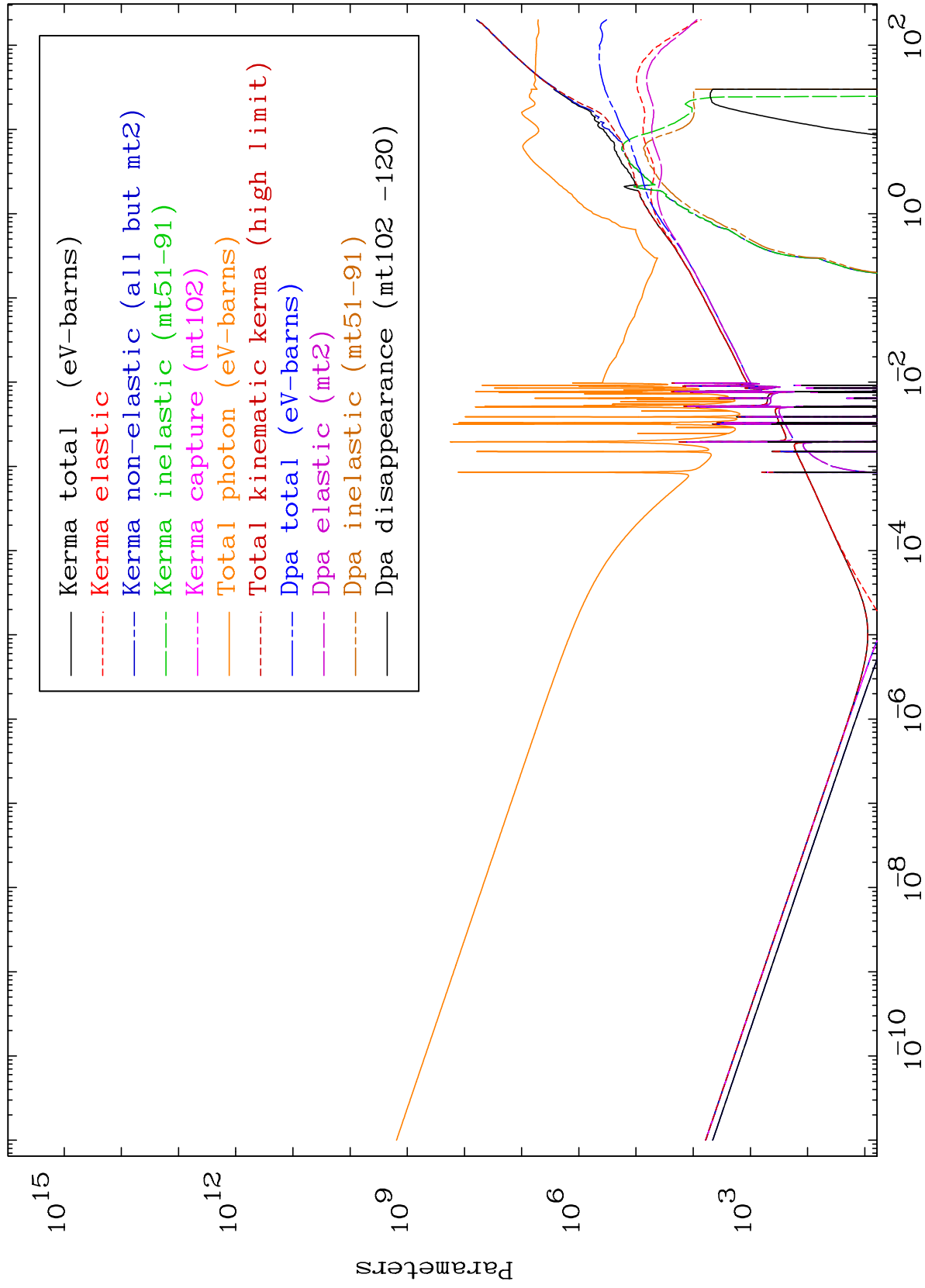
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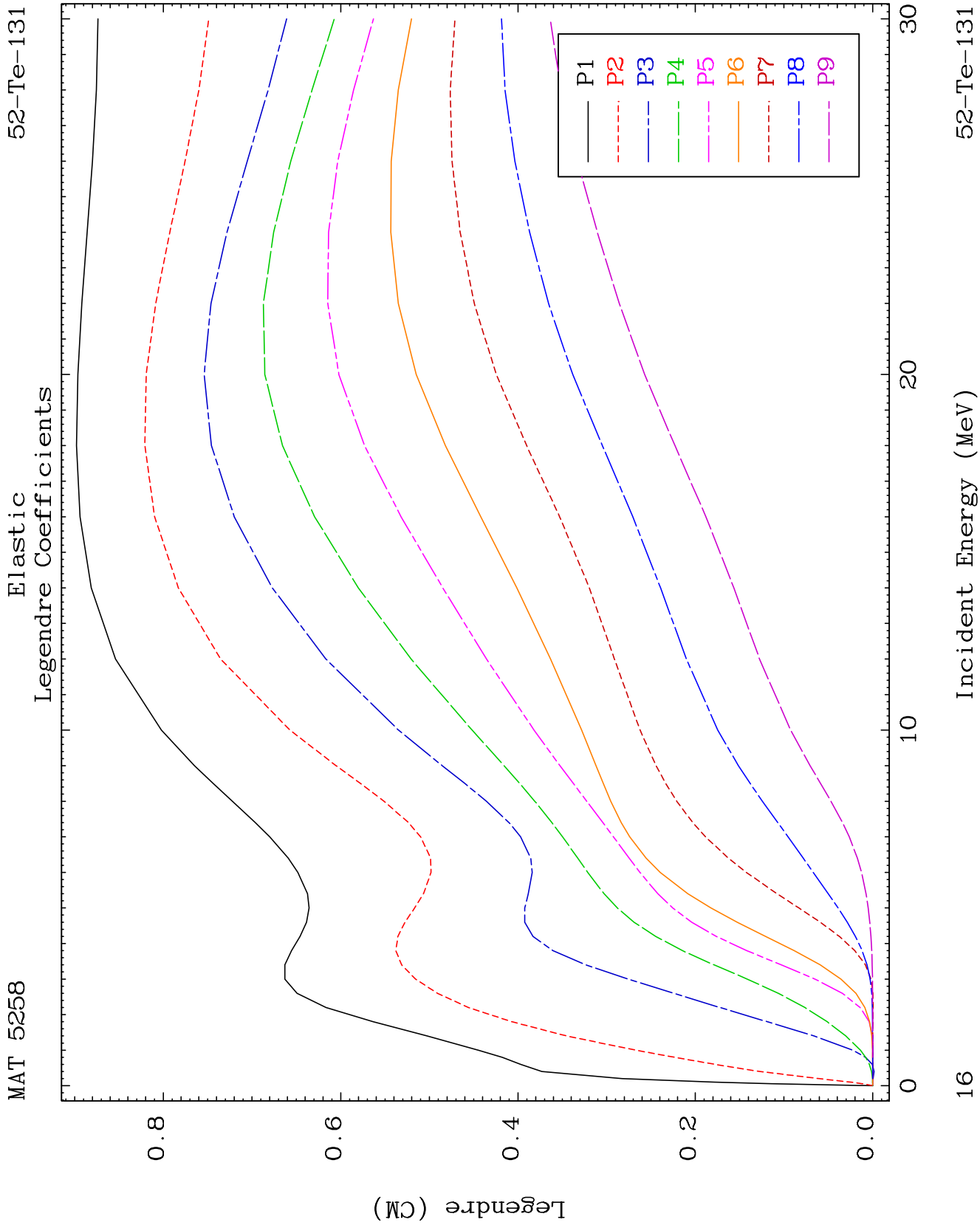
MAT 5258

(n,α) Levels
293 Kelvin Cross Sections

52-Te-131



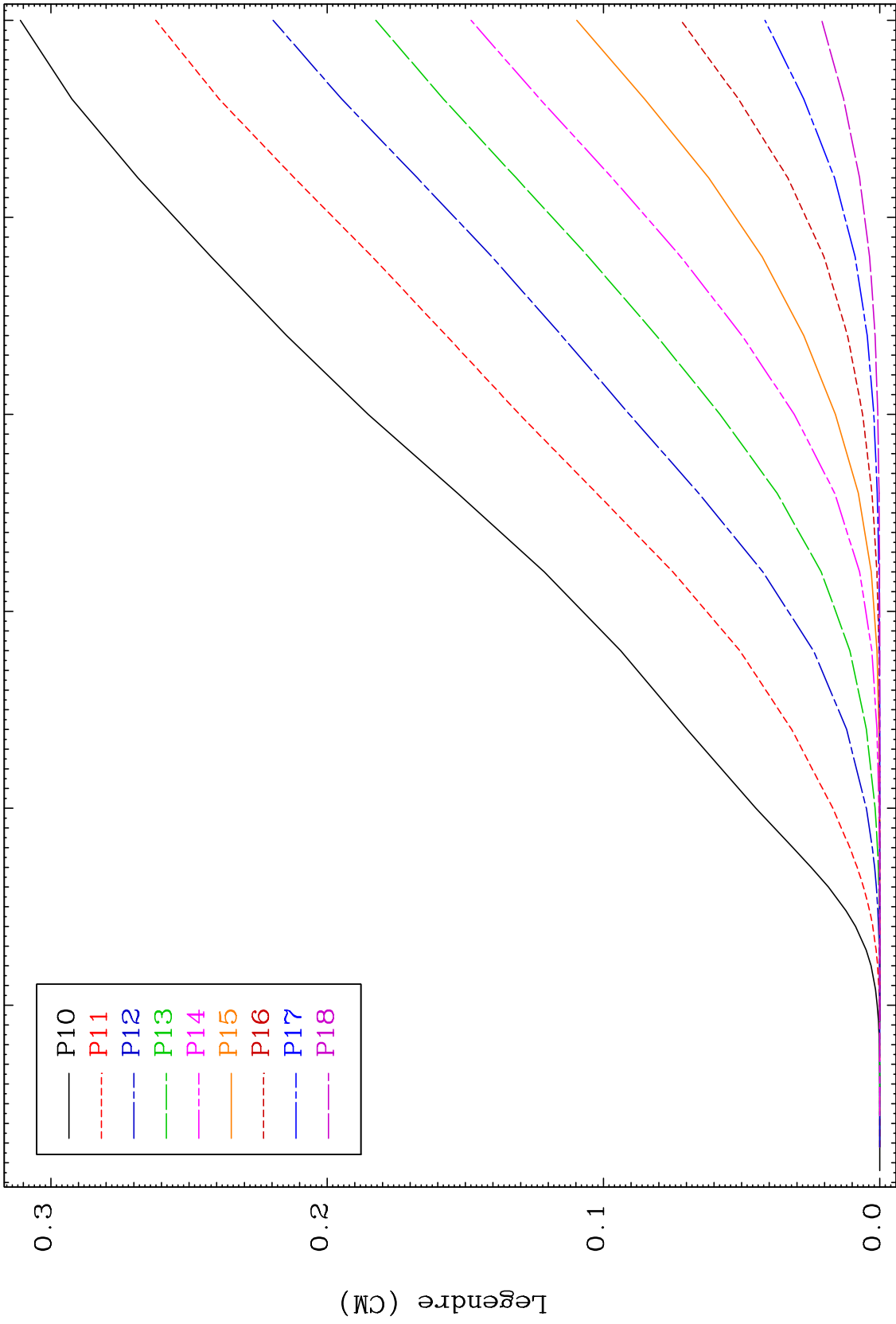




MAT 5258

Elastic Legendre Coefficients

52-Te-131



17

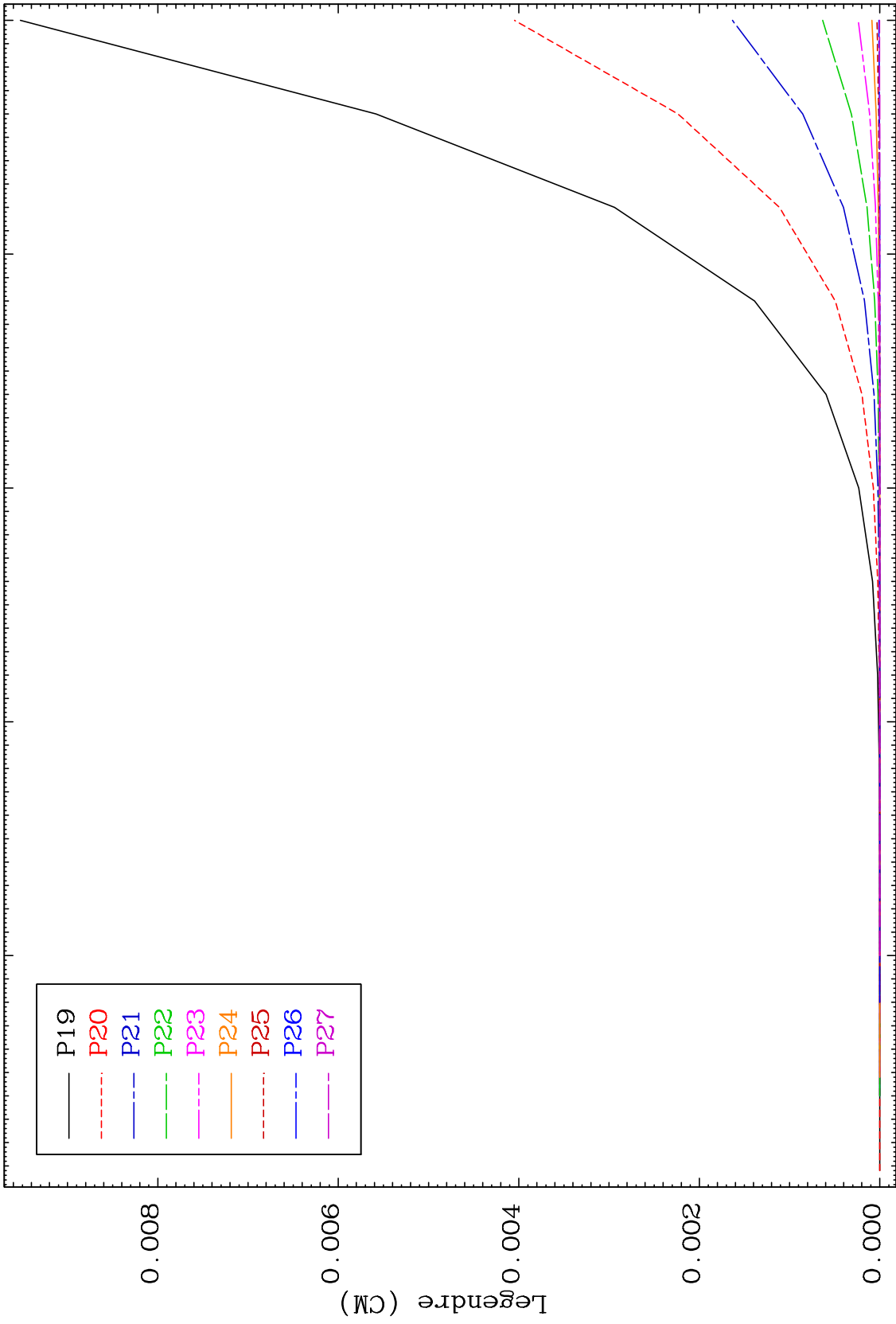
Incident Energy (MeV)

52-Te-131

MAT 5258

Elastic Legendre Coefficients

52-Te-131



18

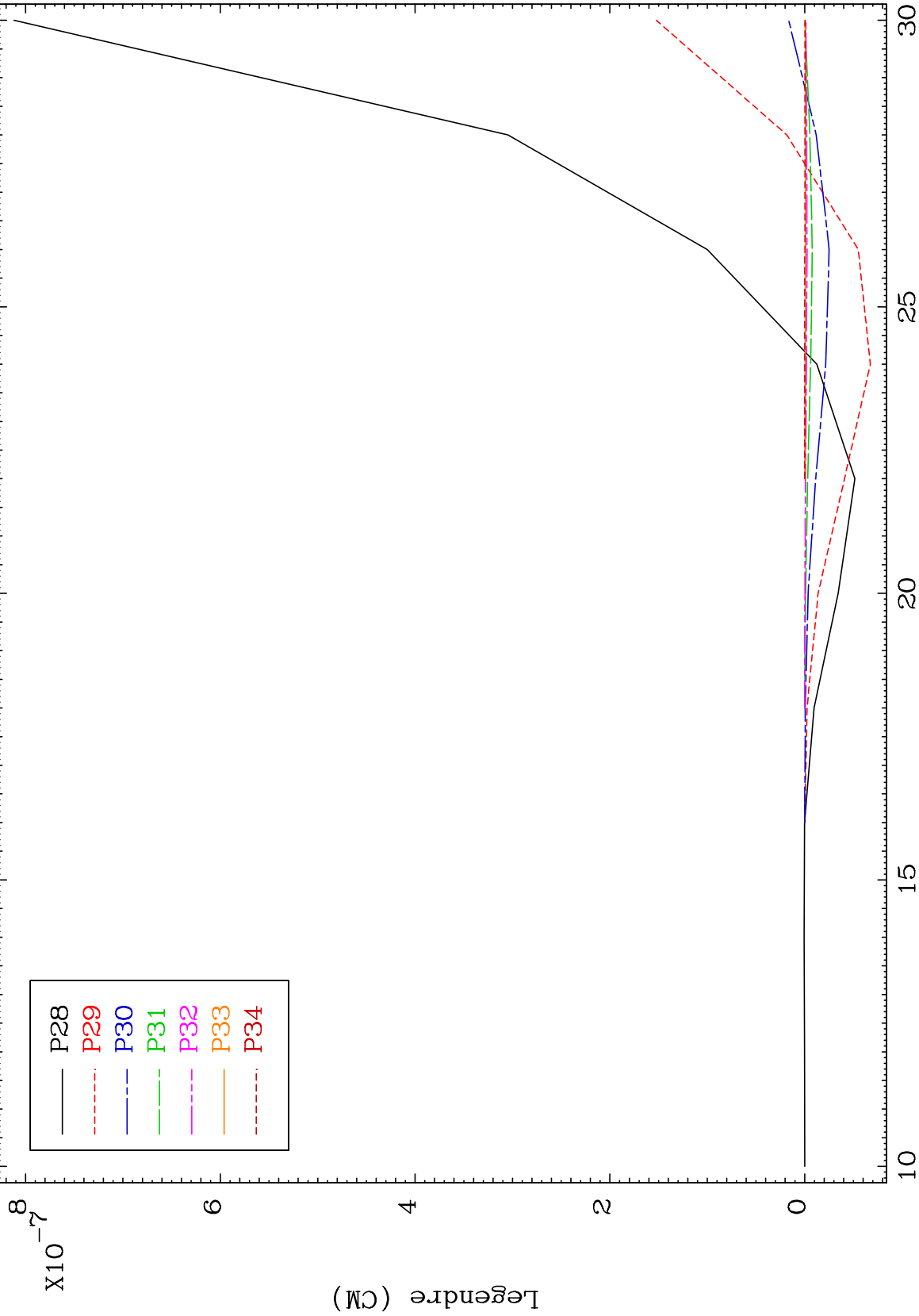
Incident Energy (MeV)

52-Te-131

MAT 5258

Elastic Legendre Coefficients

52-Te-131



19

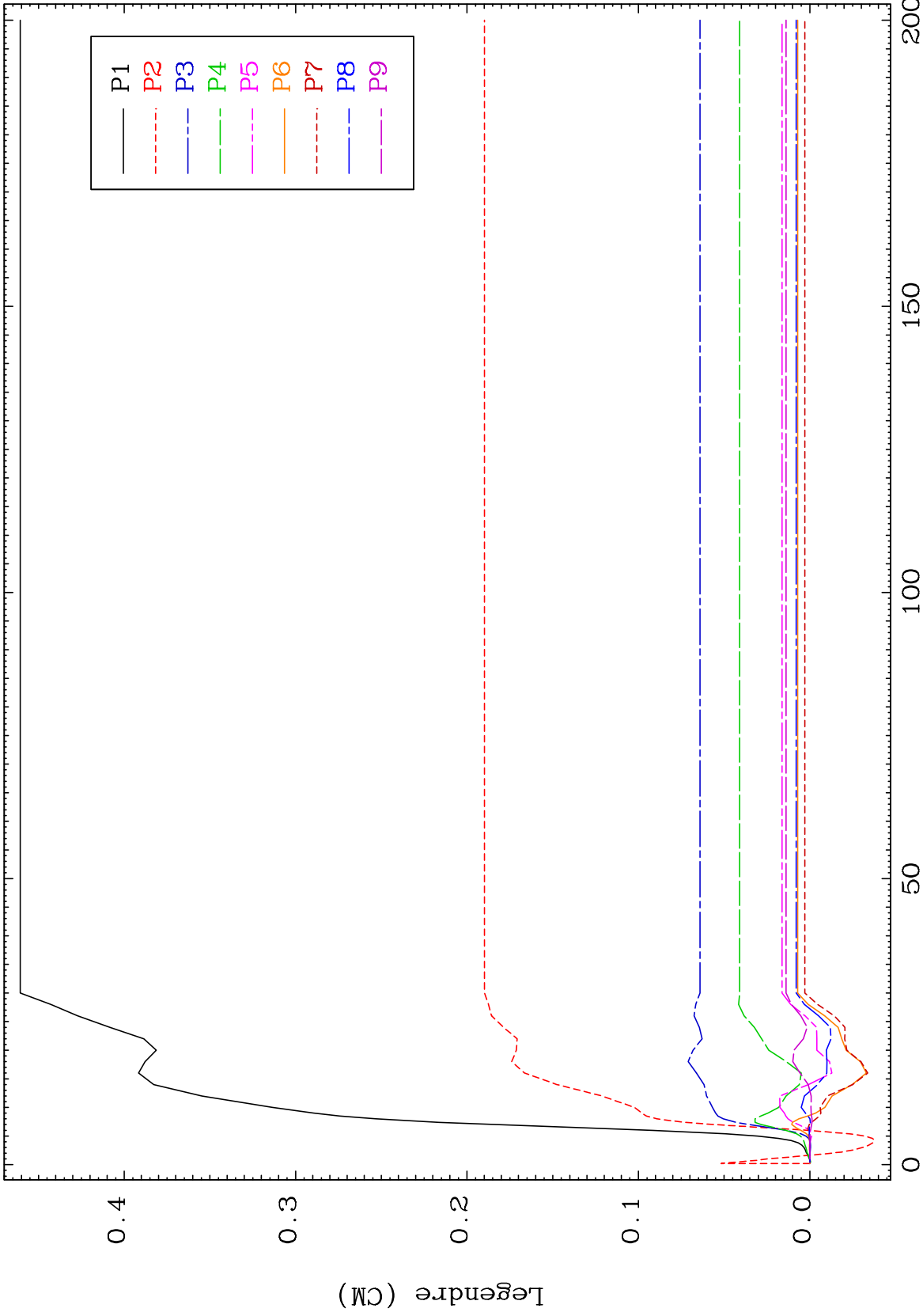
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



52-Te-131

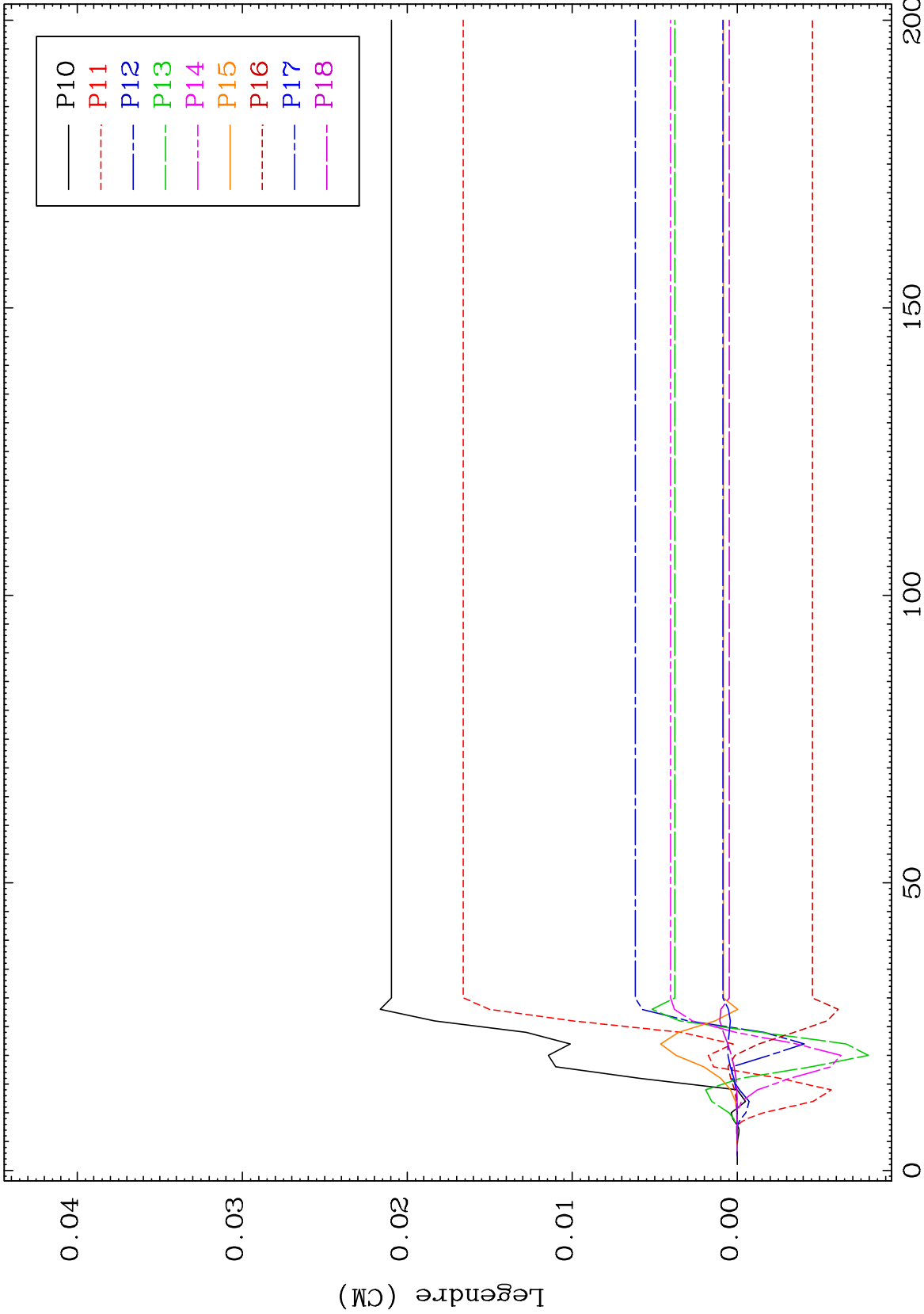
Incident Energy (MeV)

Legendre (CM)

MAT 5258

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

52-Te-131



21

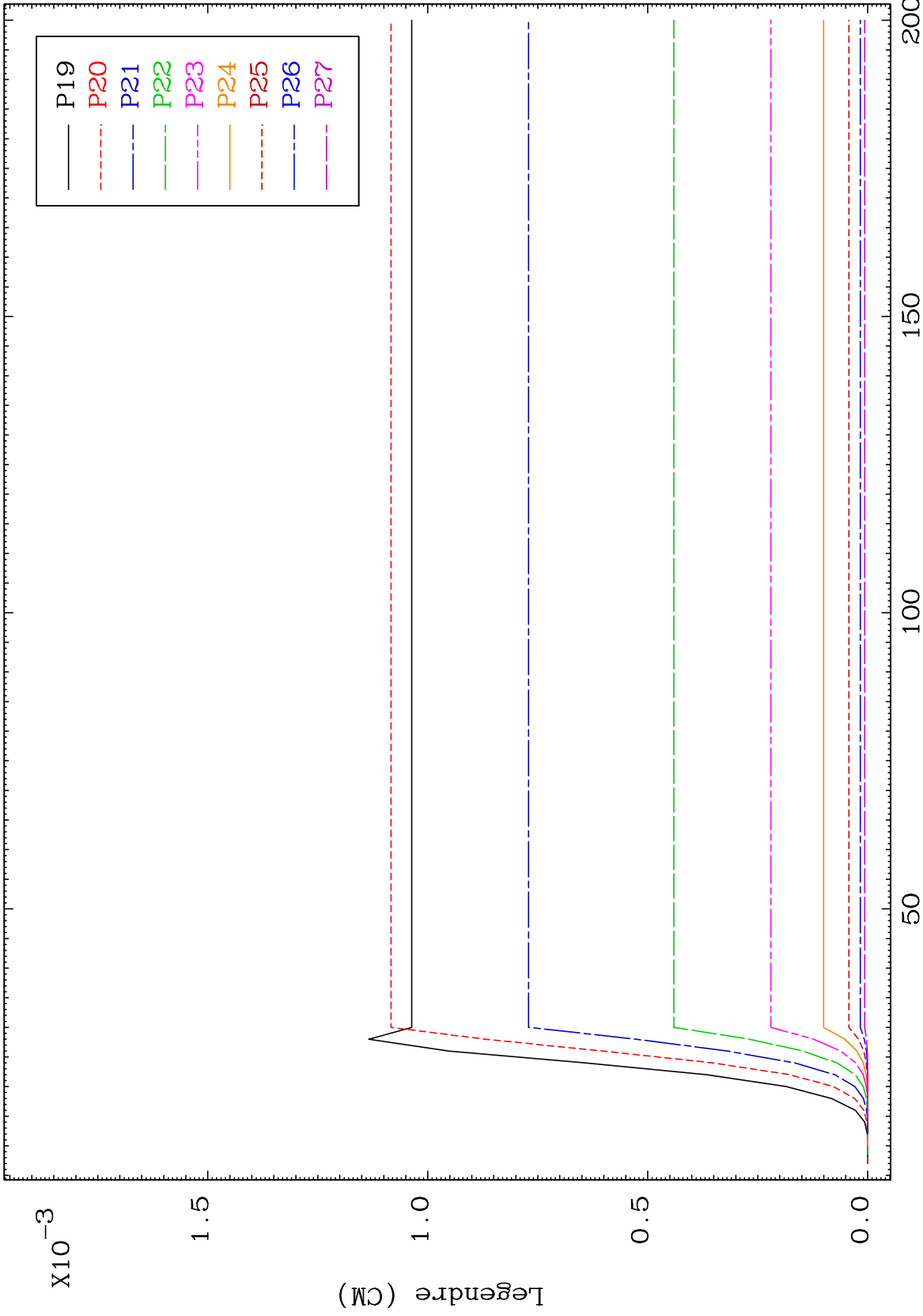
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



22

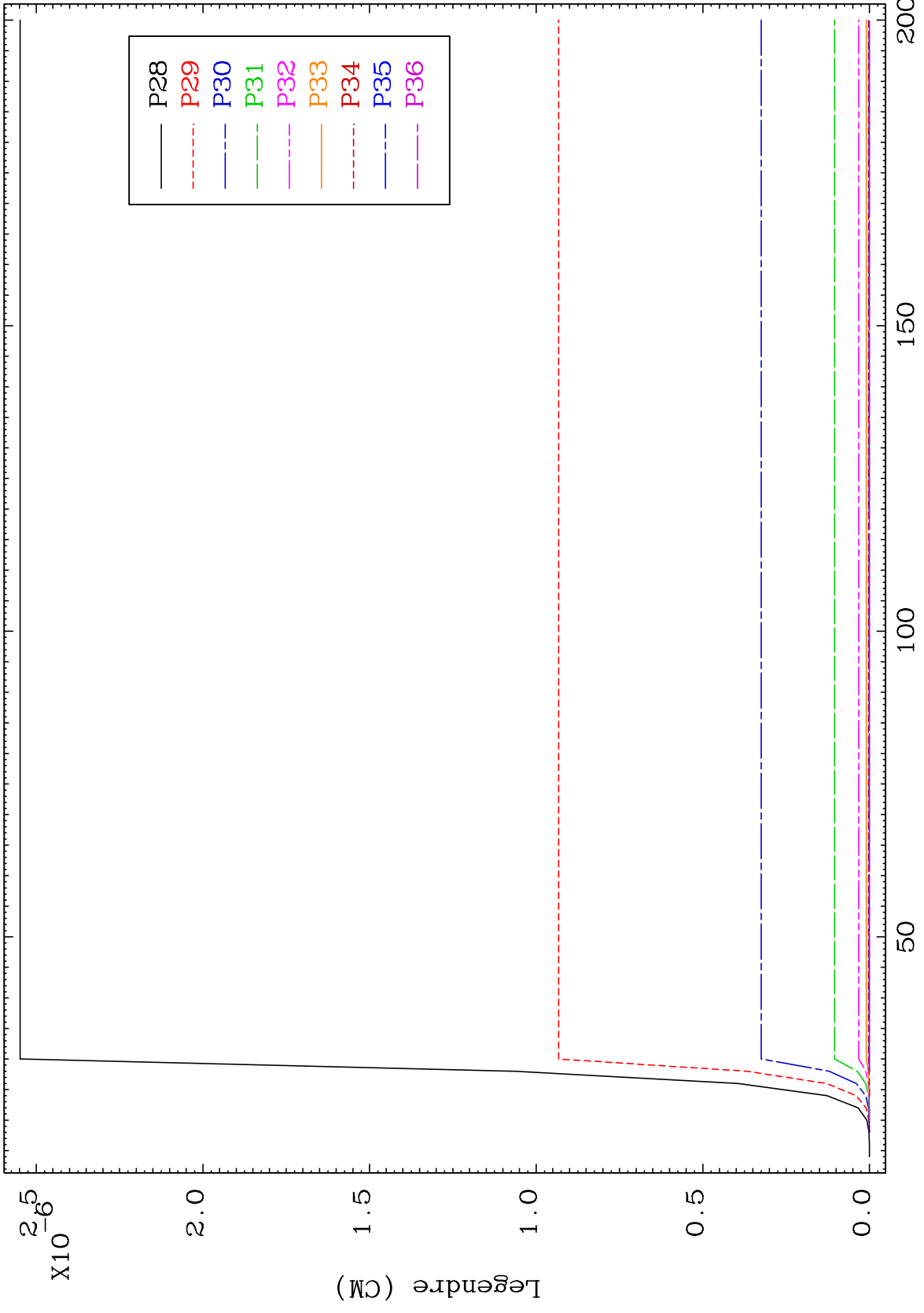
Incident Energy (MeV)

52-Te-131

MAT 5258

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

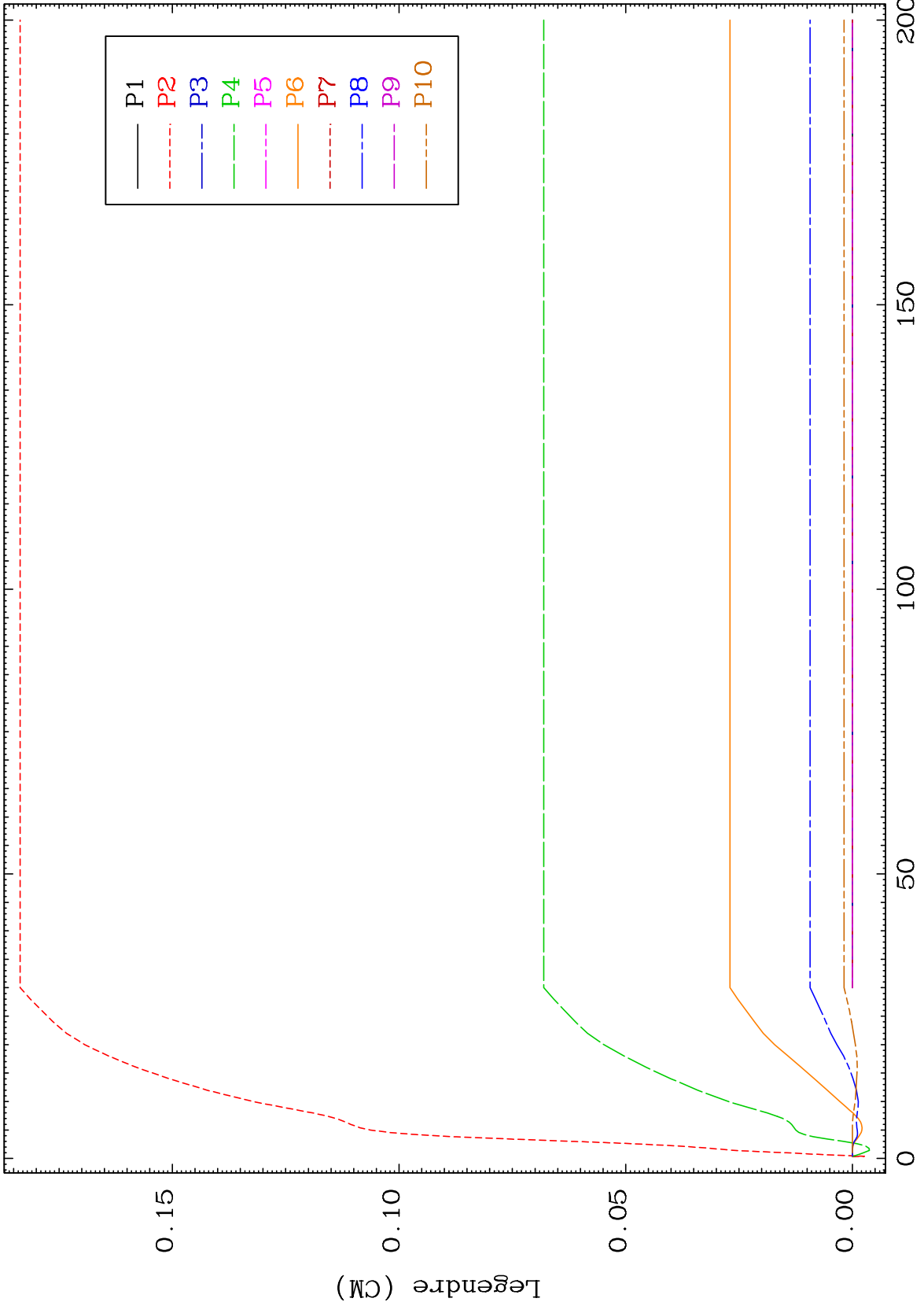
52-Te-131



23

52-Te-131

MAT 5258 MT= 52 (n,n') Level Legendre Coefficients 52-Te-131

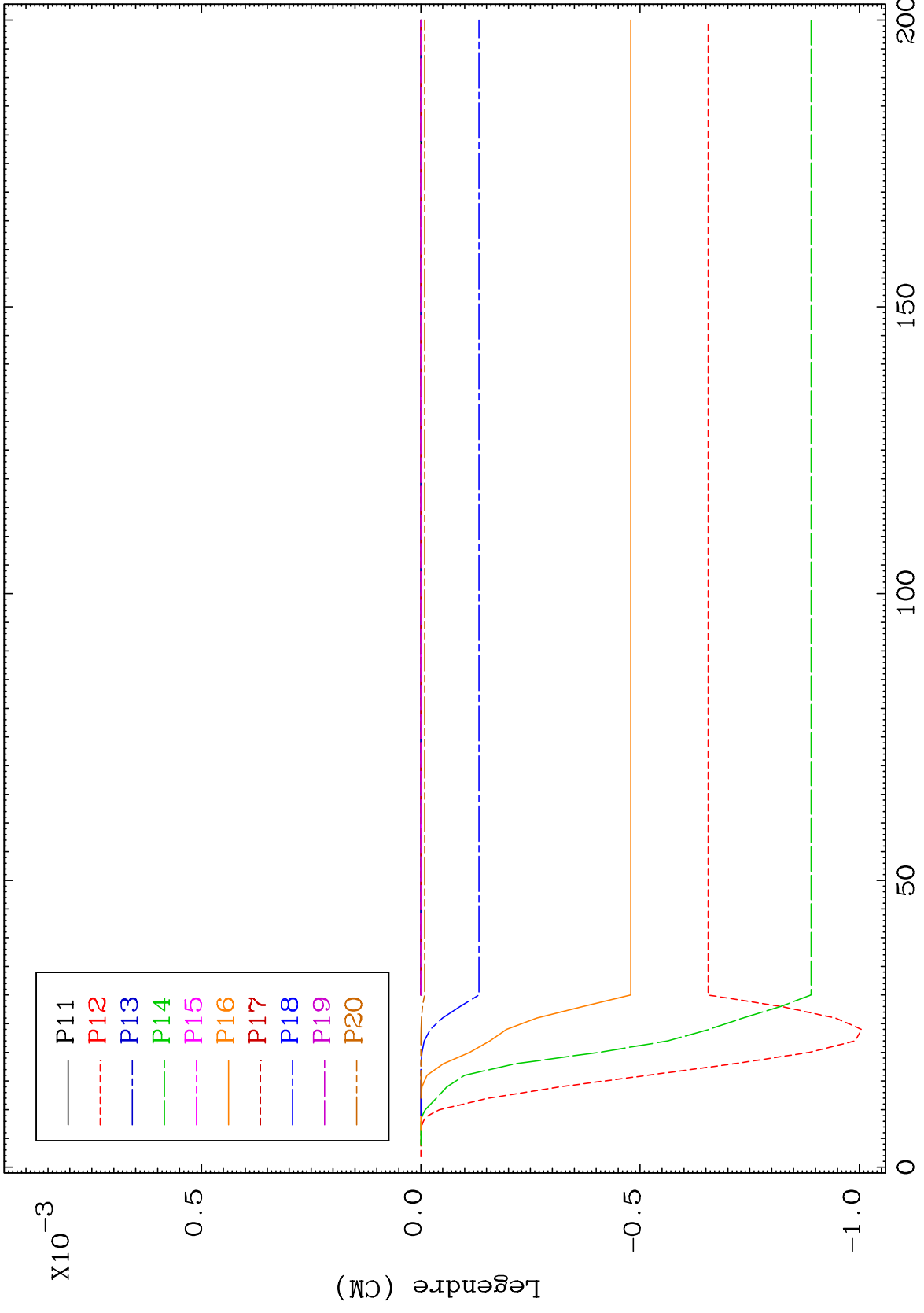


24 Incident Energy (MeV) 52-Te-131

MAT 5258

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

52-Te-131

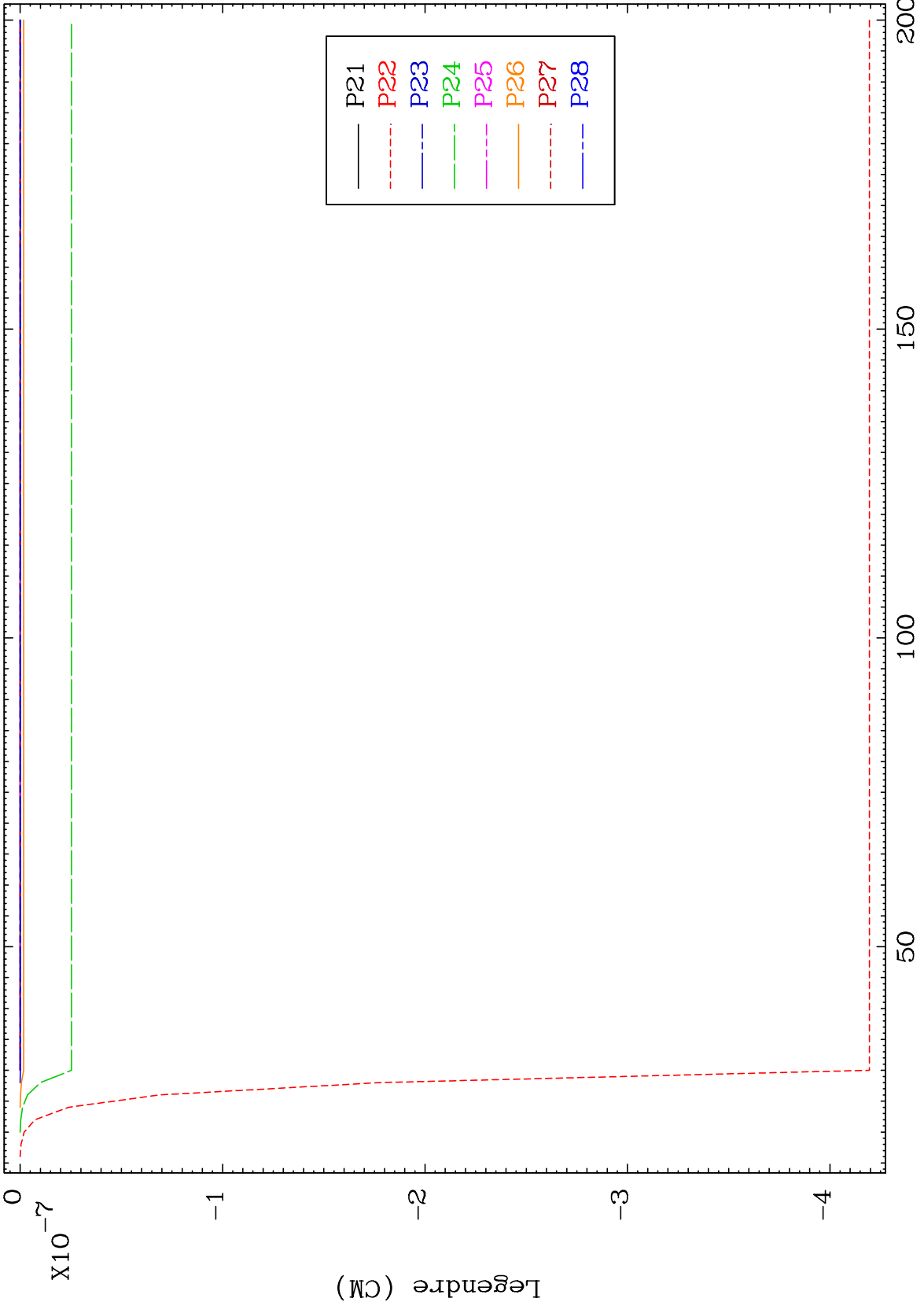


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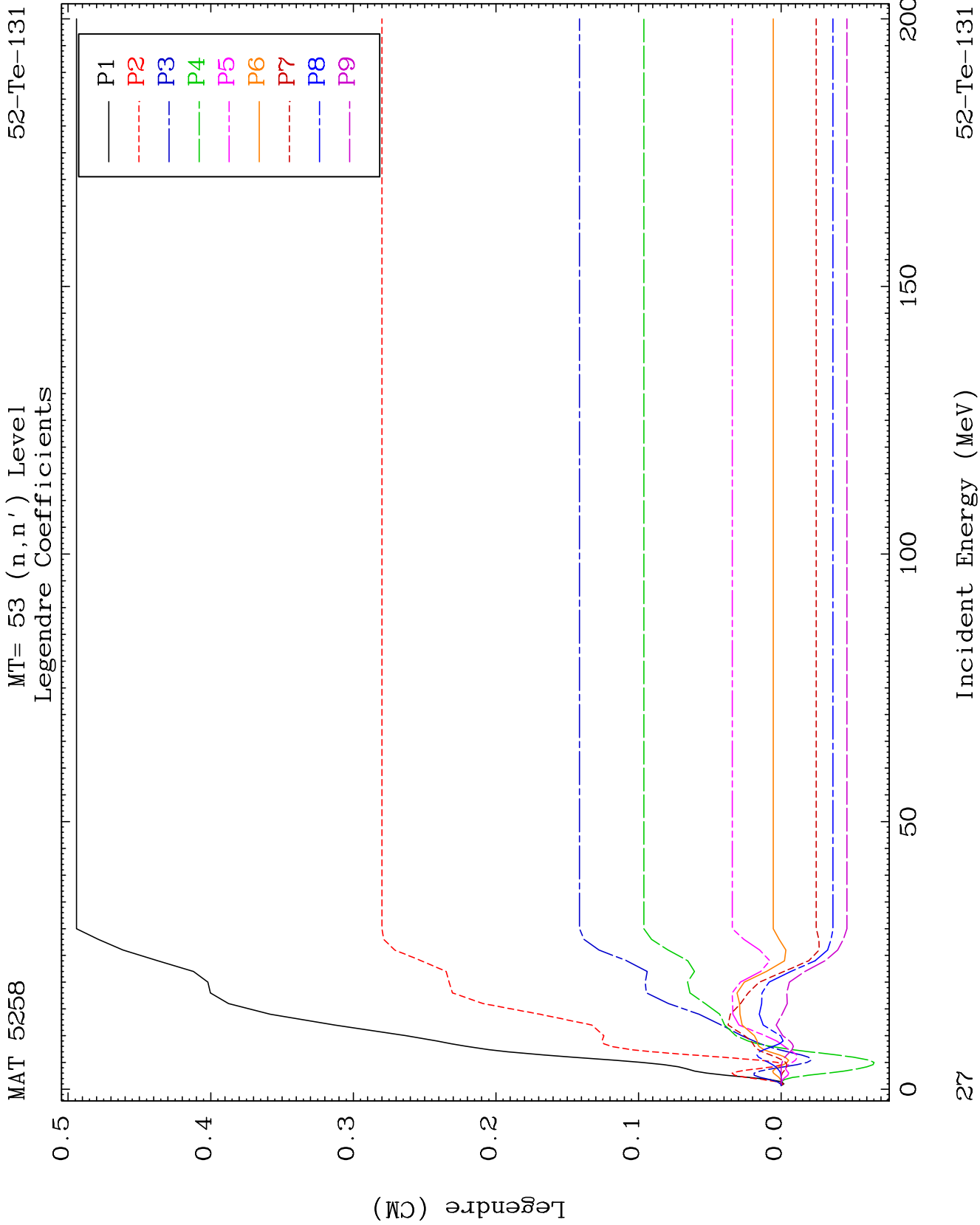
Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 52 (n,n') Level Legendre Coefficients 52-Te-131



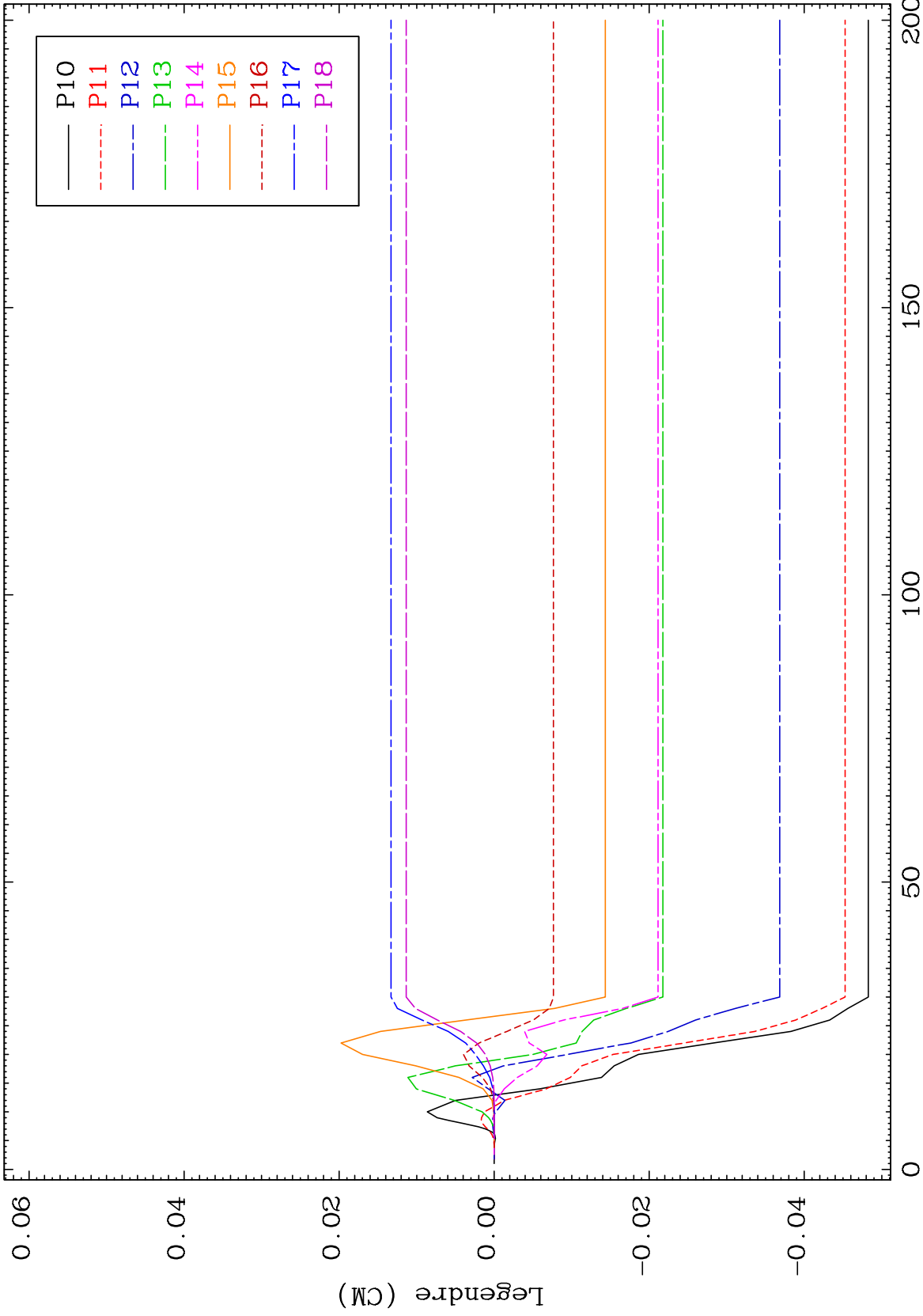
26 Incident Energy (MeV) 52-Te-131



MAT 5258

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

52-Te-131



28

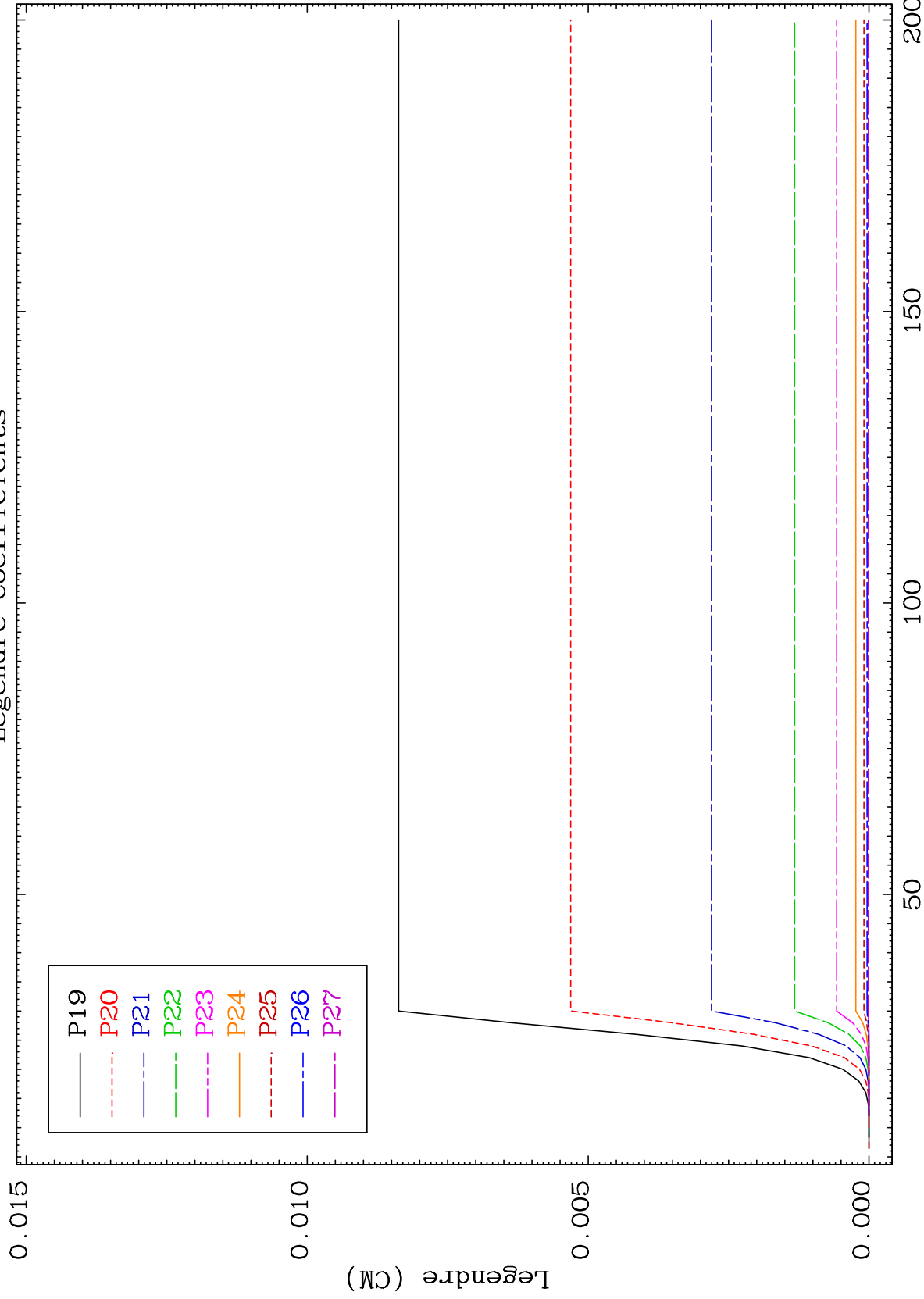
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



29

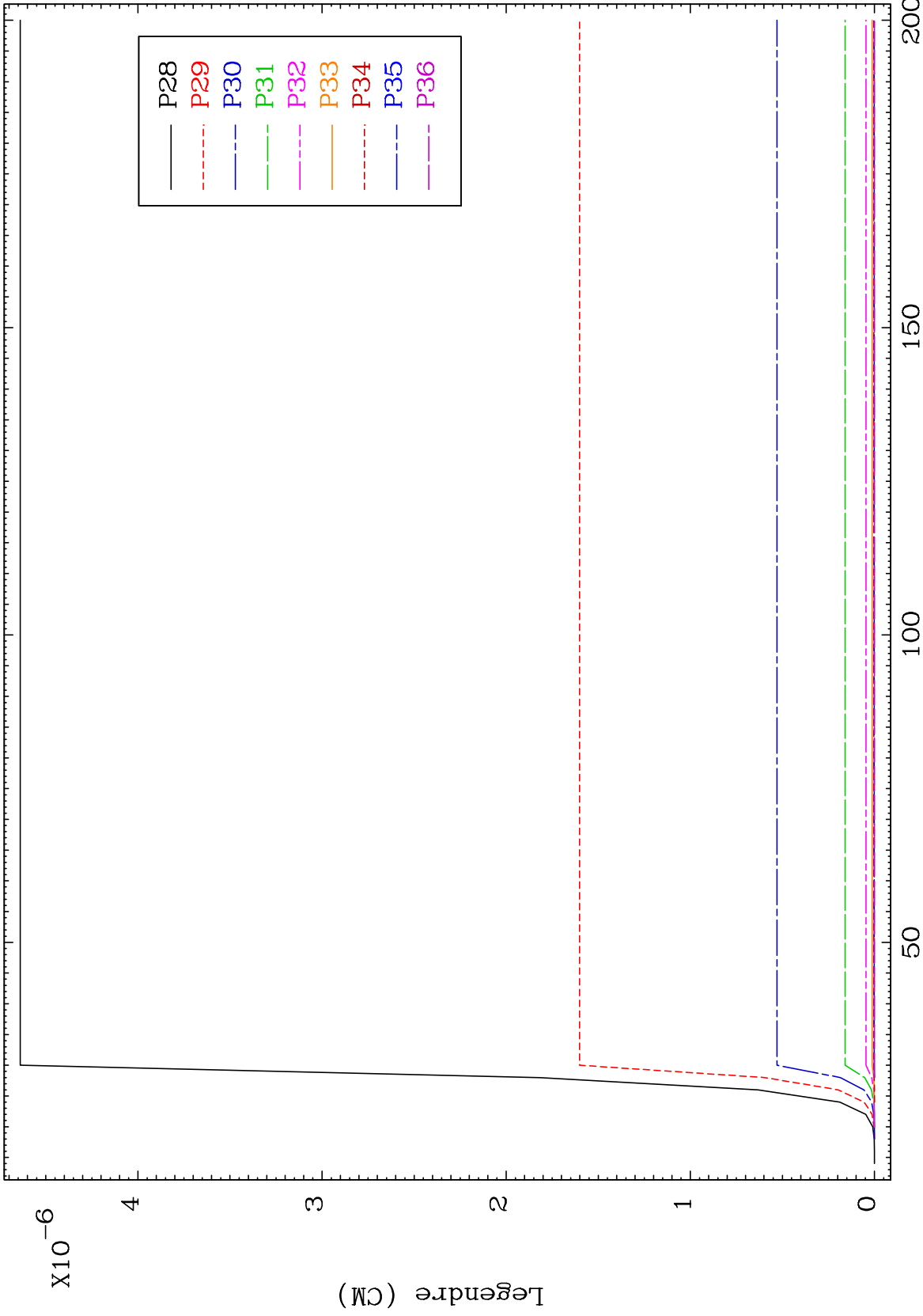
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131

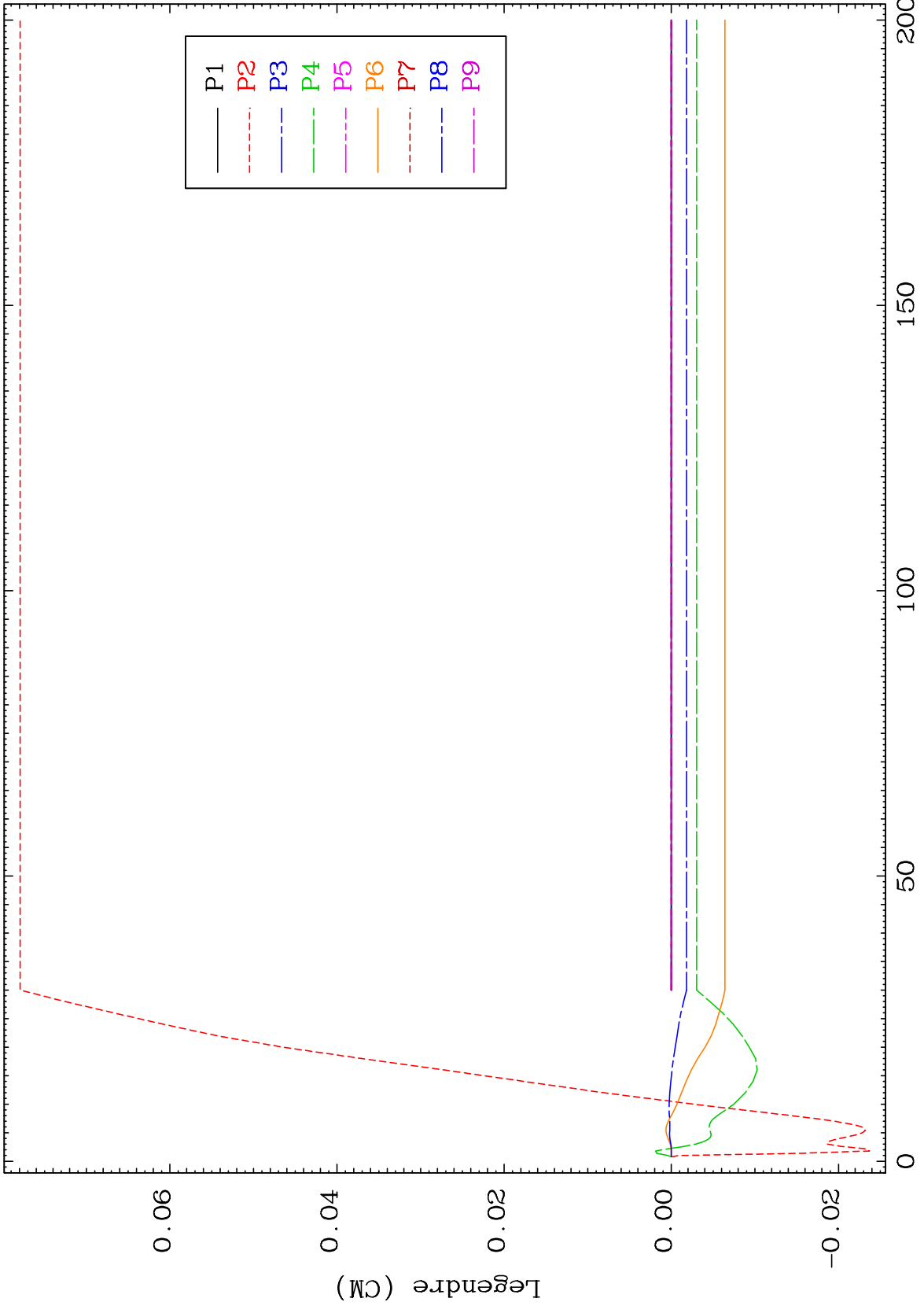


30

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 54 (n,n') Level Legendre Coefficients 52-Te-131

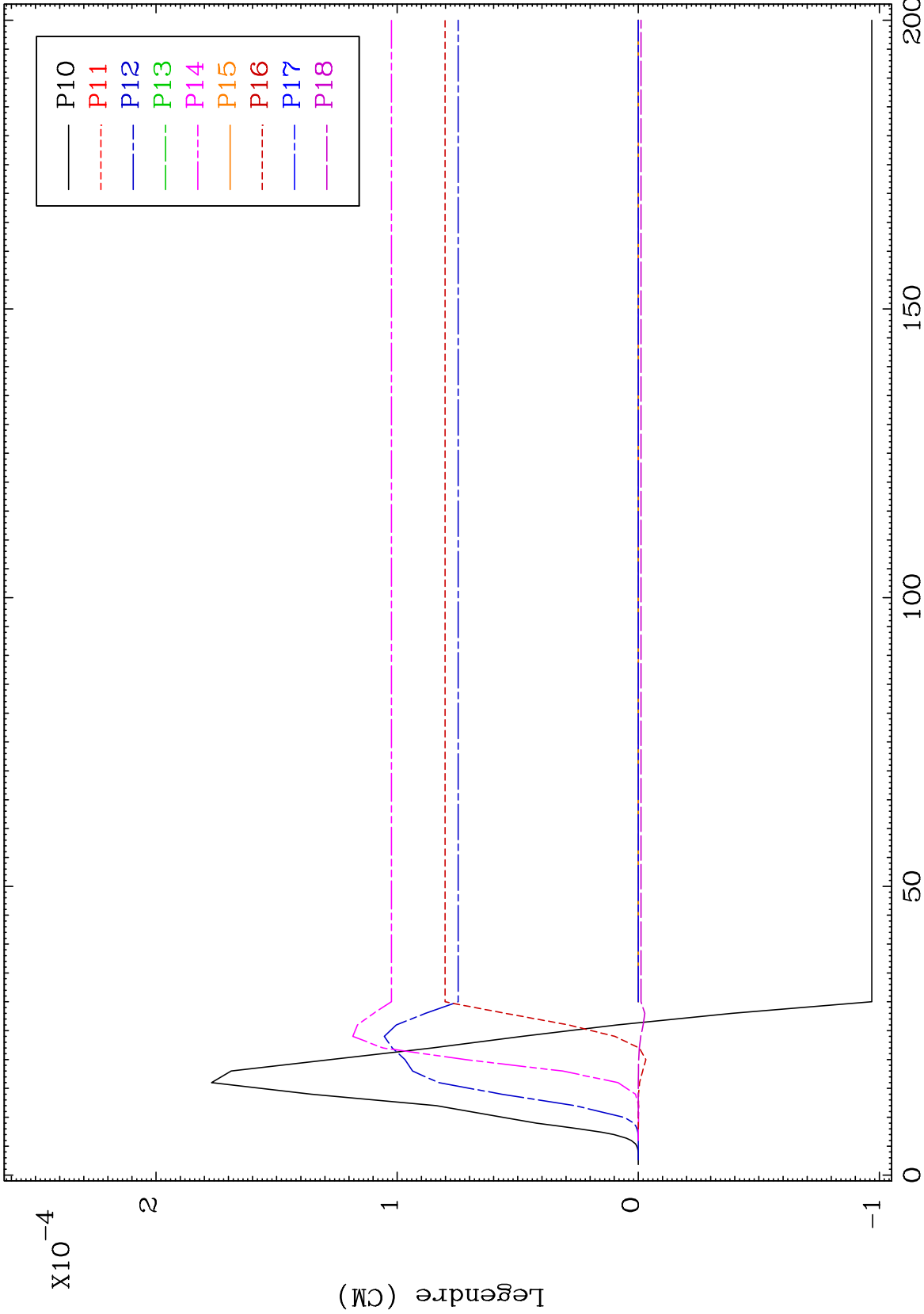


31 52-Te-131

MAT 5258

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

52-Te-131

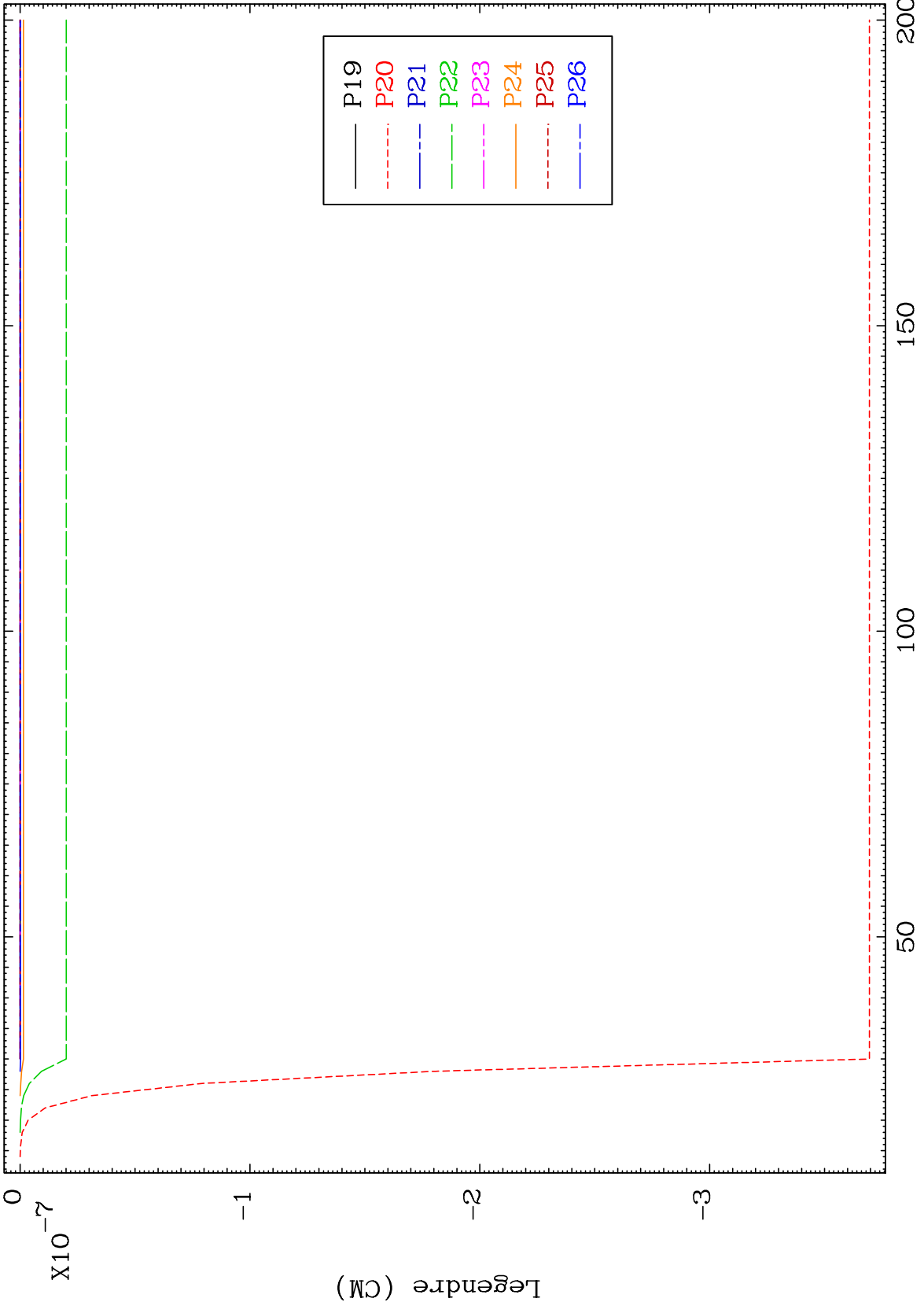


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Incident Energy (MeV)

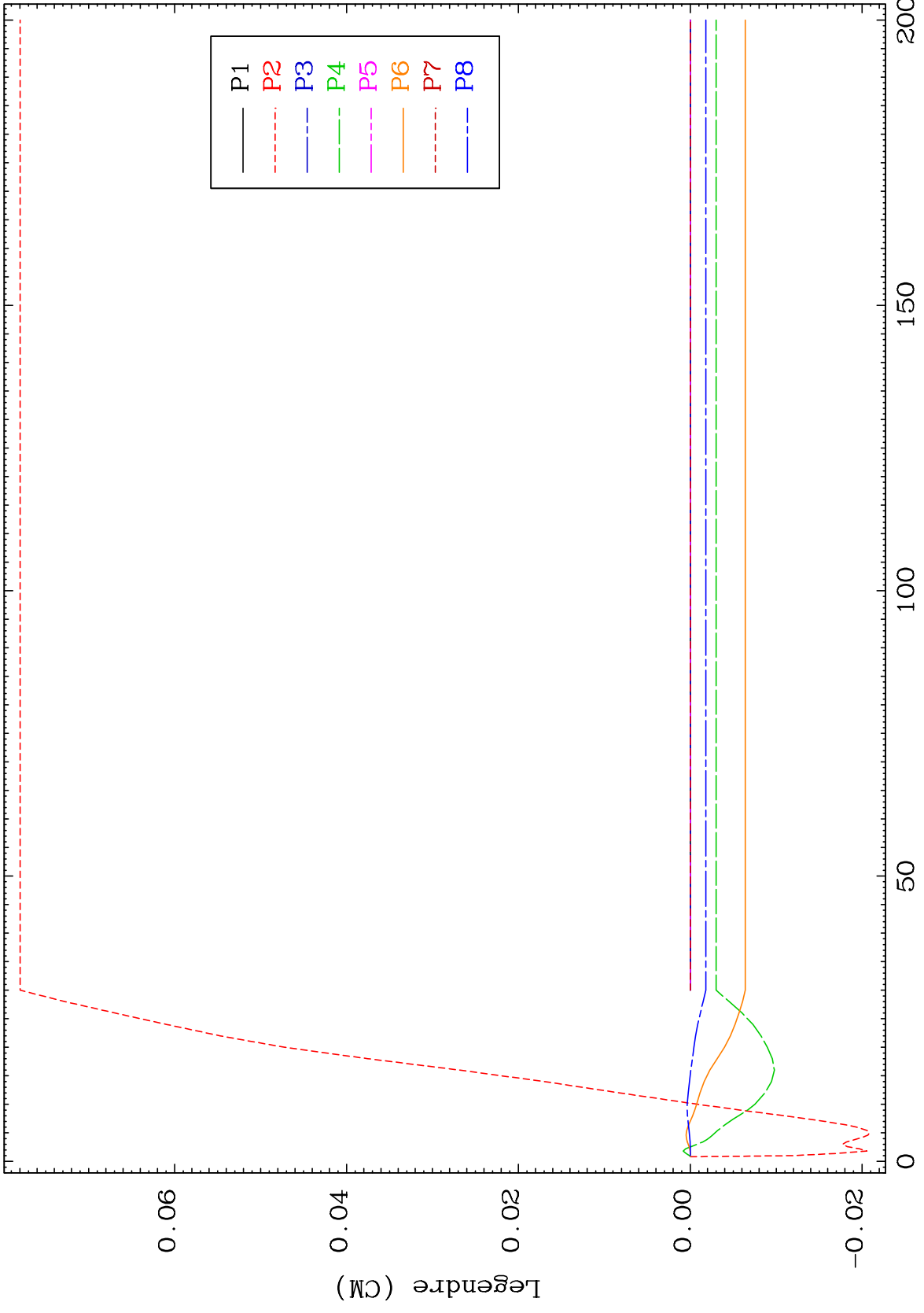
52-Te-131

MAT 5258 MT= 54 (n,n') Level Legendre Coefficients 52-Te-131



33 52-Te-131

MAT 5258 MT= 55 (n,n') Level Legendre Coefficients 52-Te-131

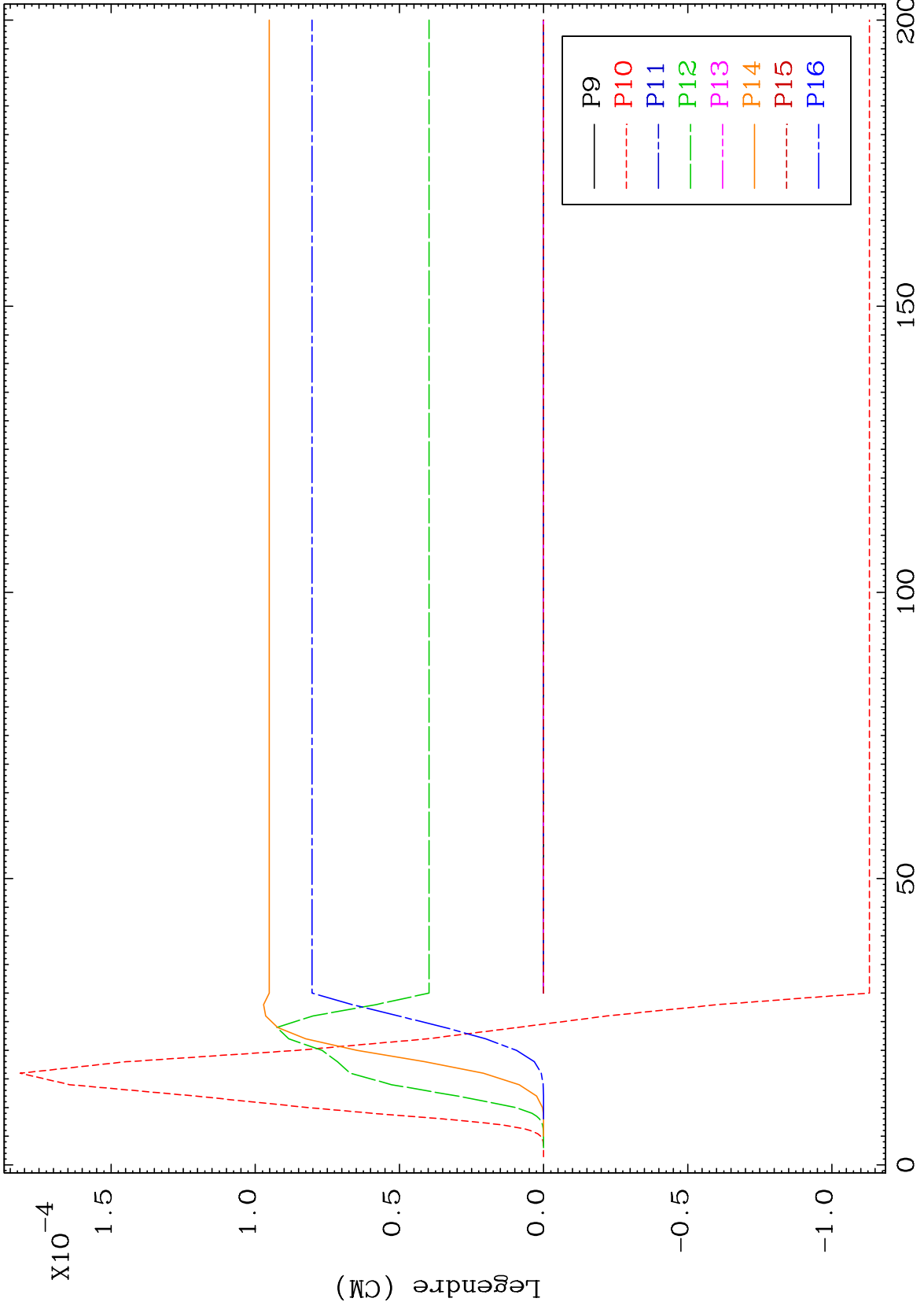


34 52-Te-131

MAT 5258

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

52-Te-131

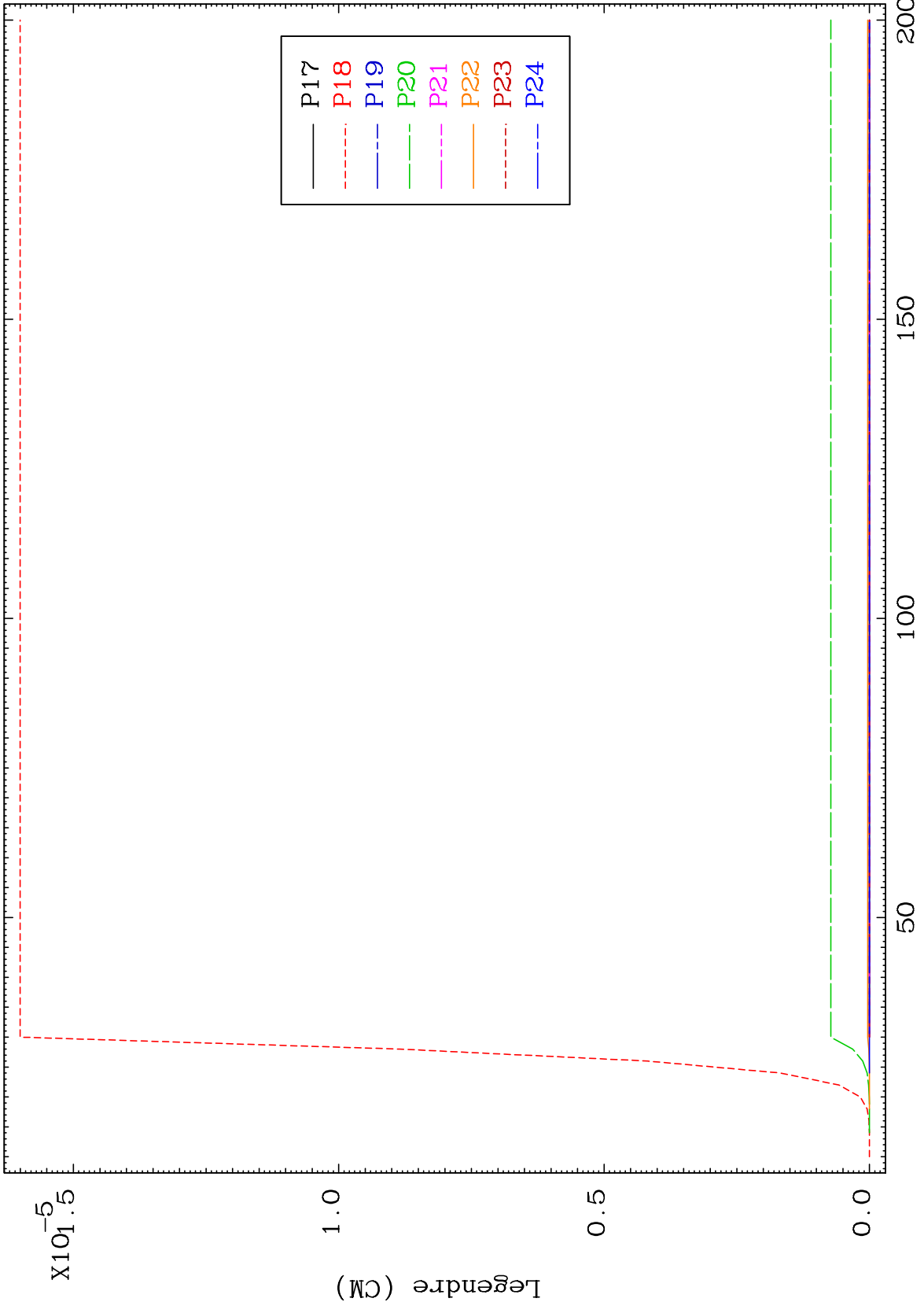


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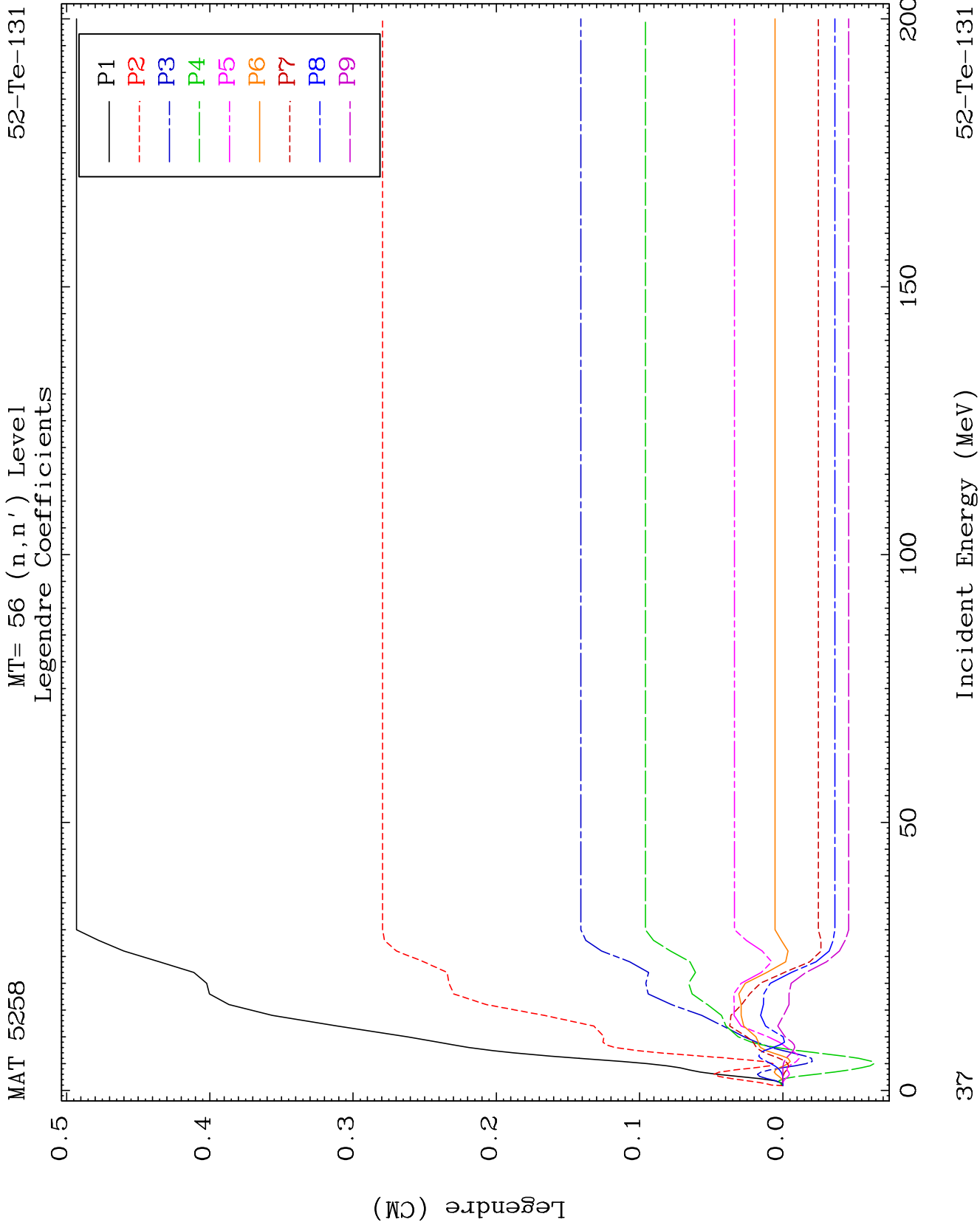
Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 55 (n,n') Level Legendre Coefficients 52-Te-131



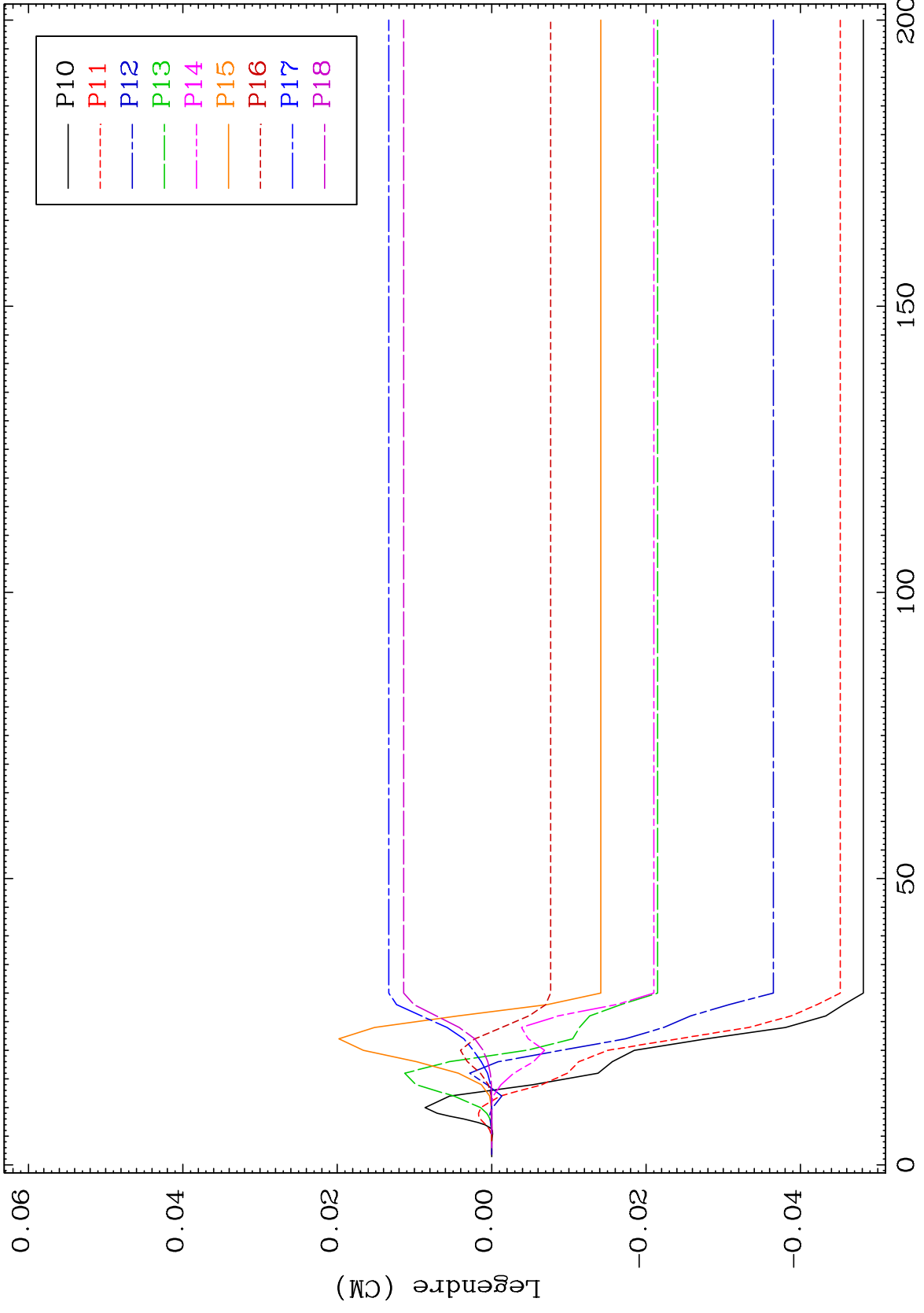
36 Incident Energy (MeV) 52-Te-131



MAT 5258

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

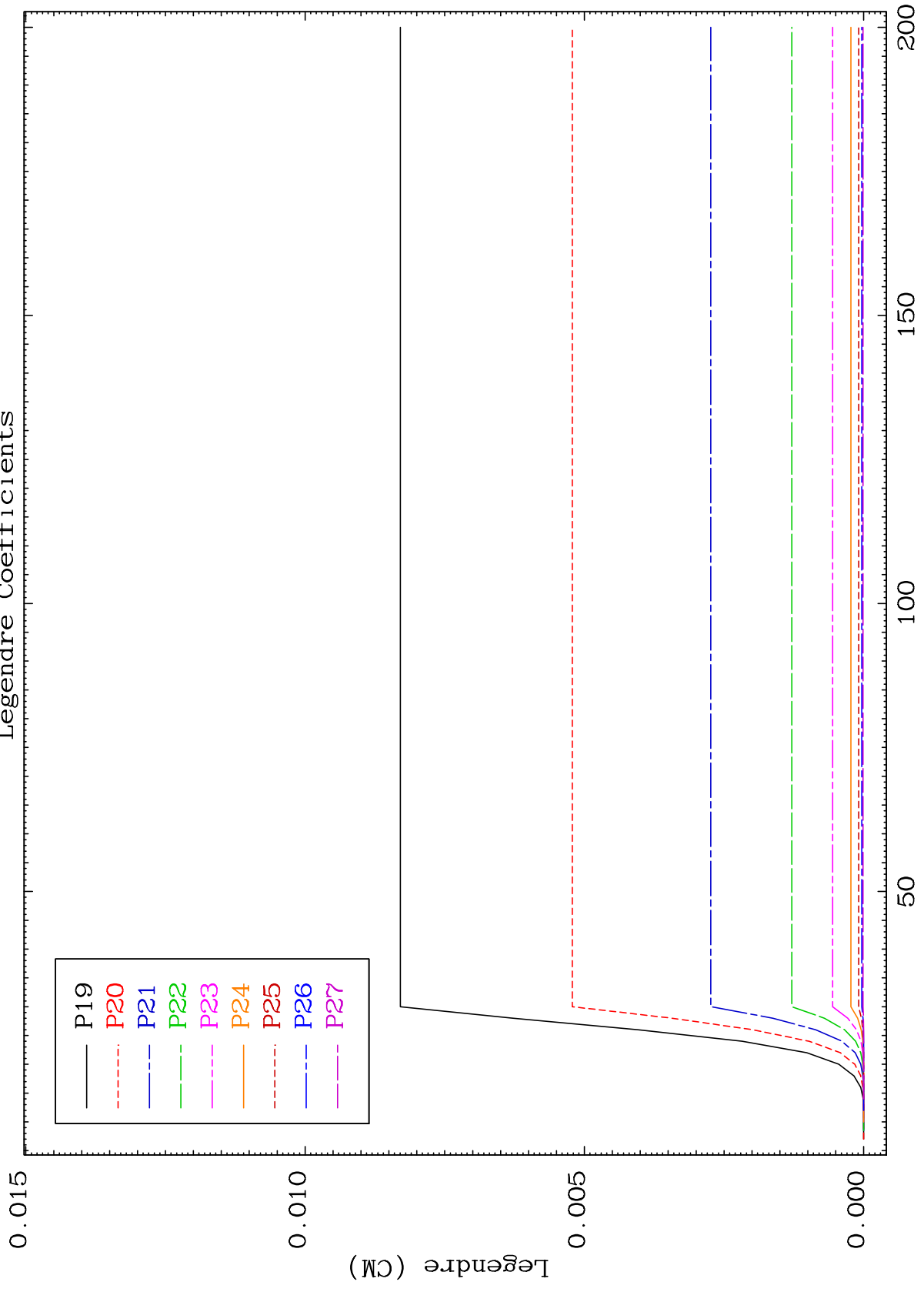
52-Te-131



38

52-Te-131

MAT 5258 MT= 56 (n,n') Level Legendre Coefficients 52-Te-131



52-Te-131

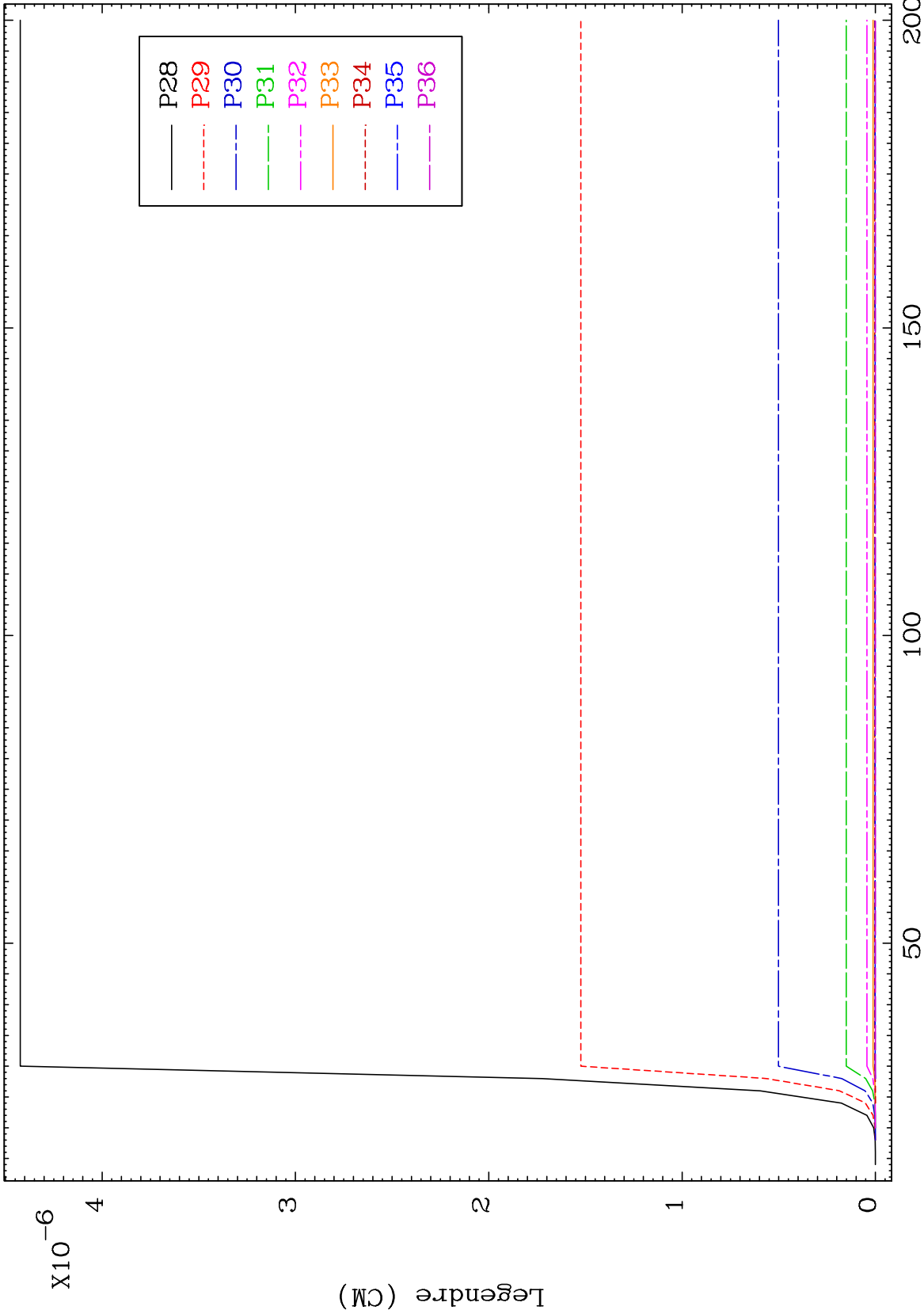
Incident Energy (MeV)

39

MAT 5258

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

52-Te-131

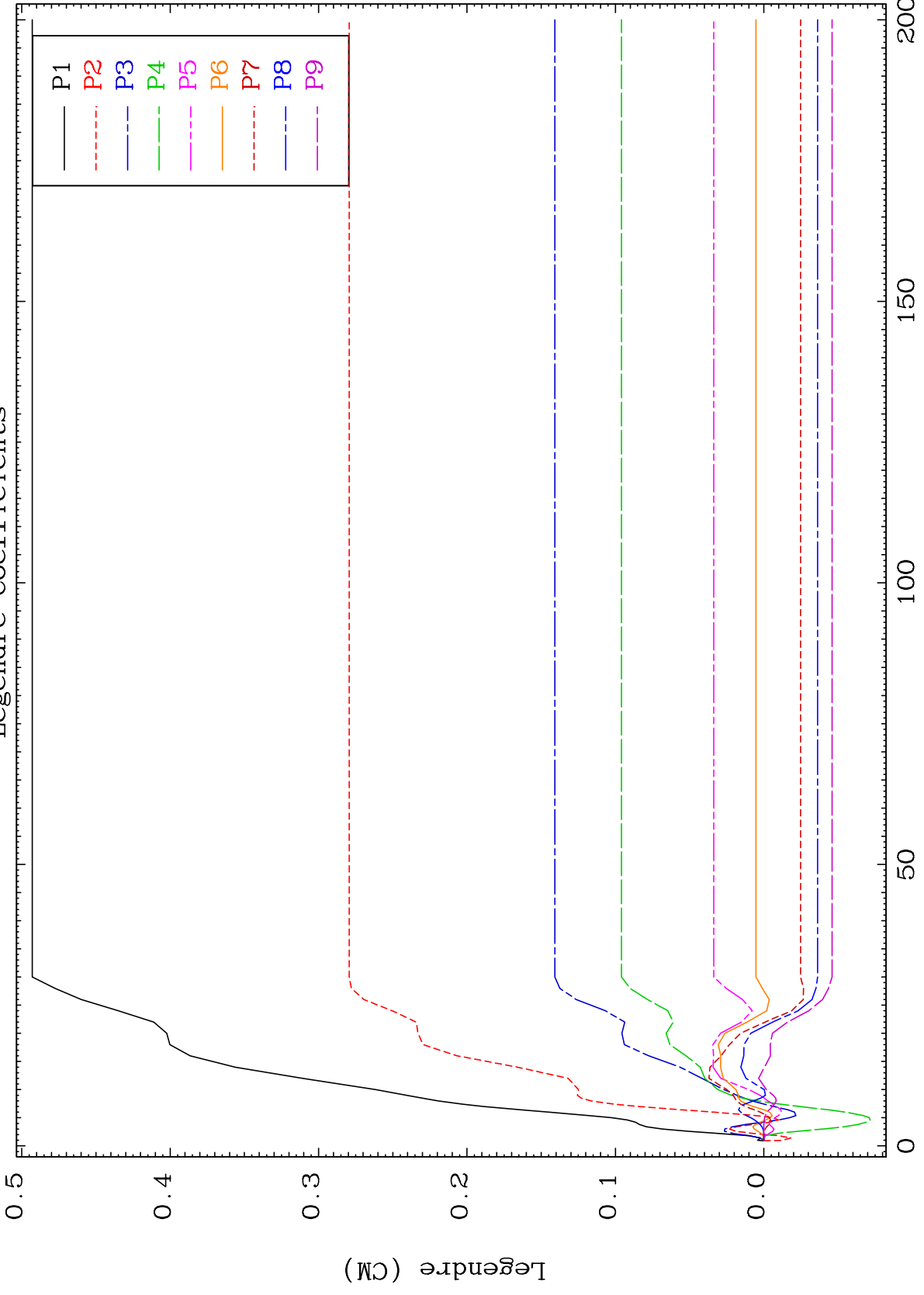


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Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 57 (n,n') Level Legendre Coefficients 52-Te-131

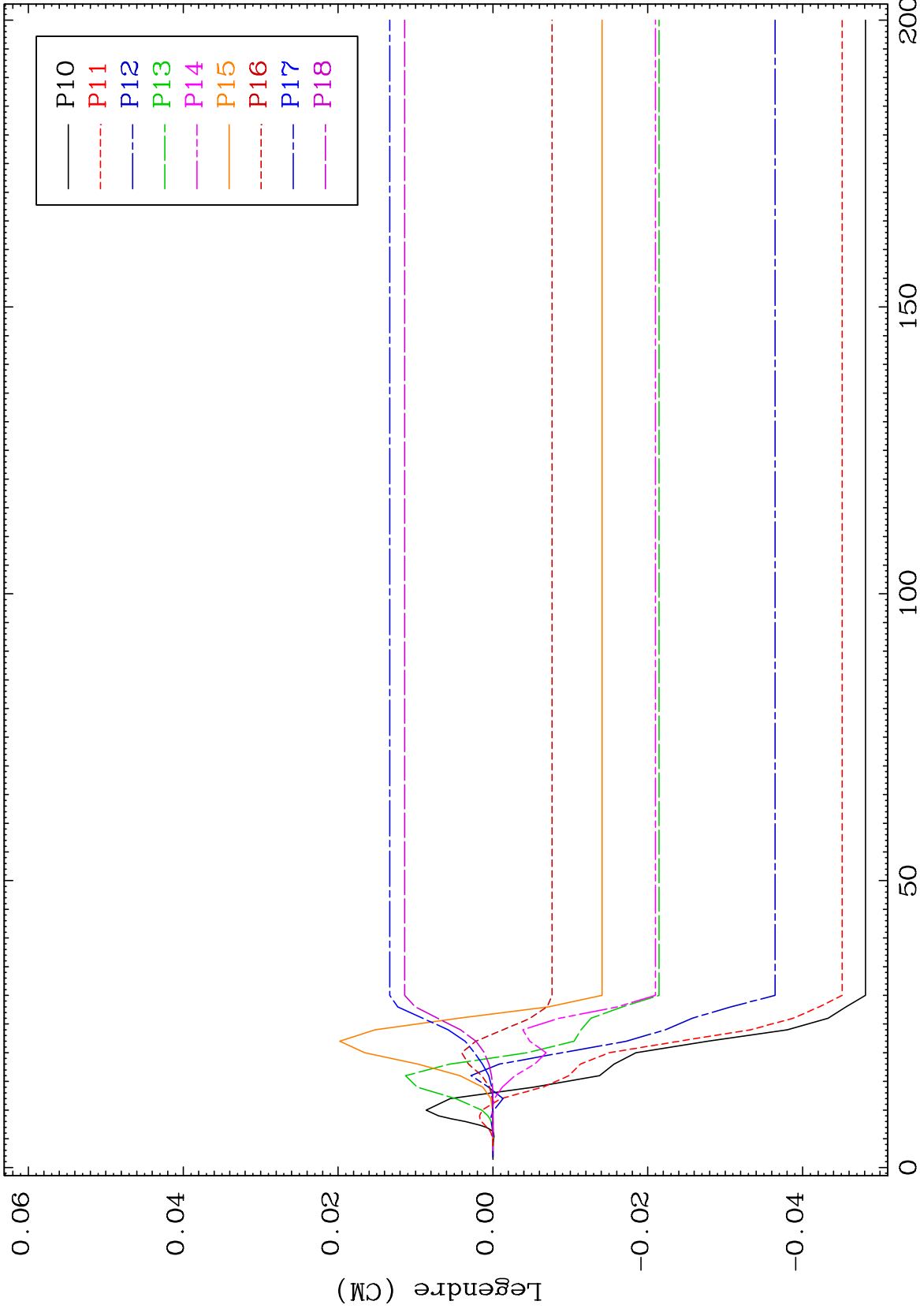


41 52-Te-131

MAT 5258

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

52-Te-131

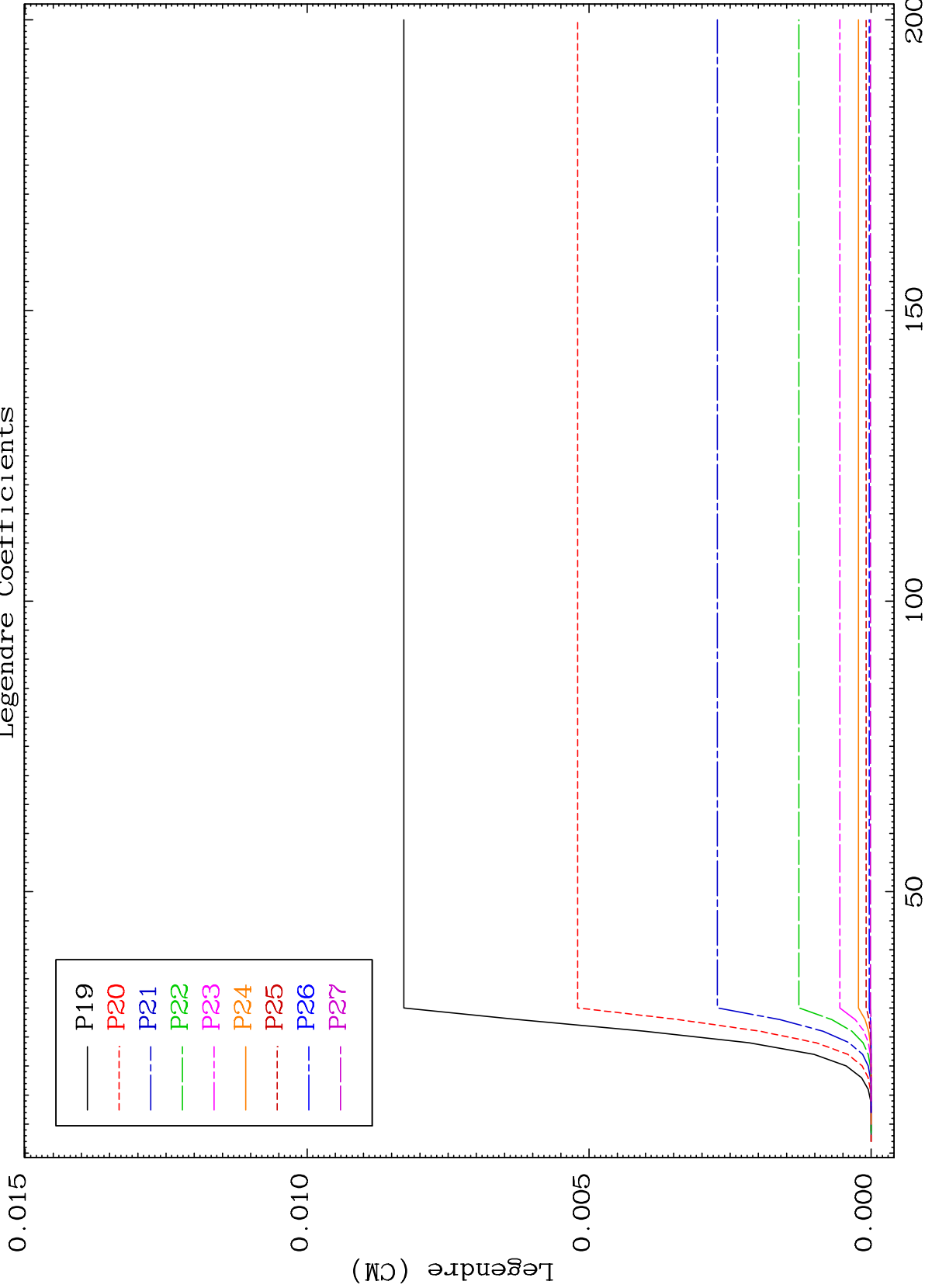


42

Incident Energy (MeV)

52-Te-131

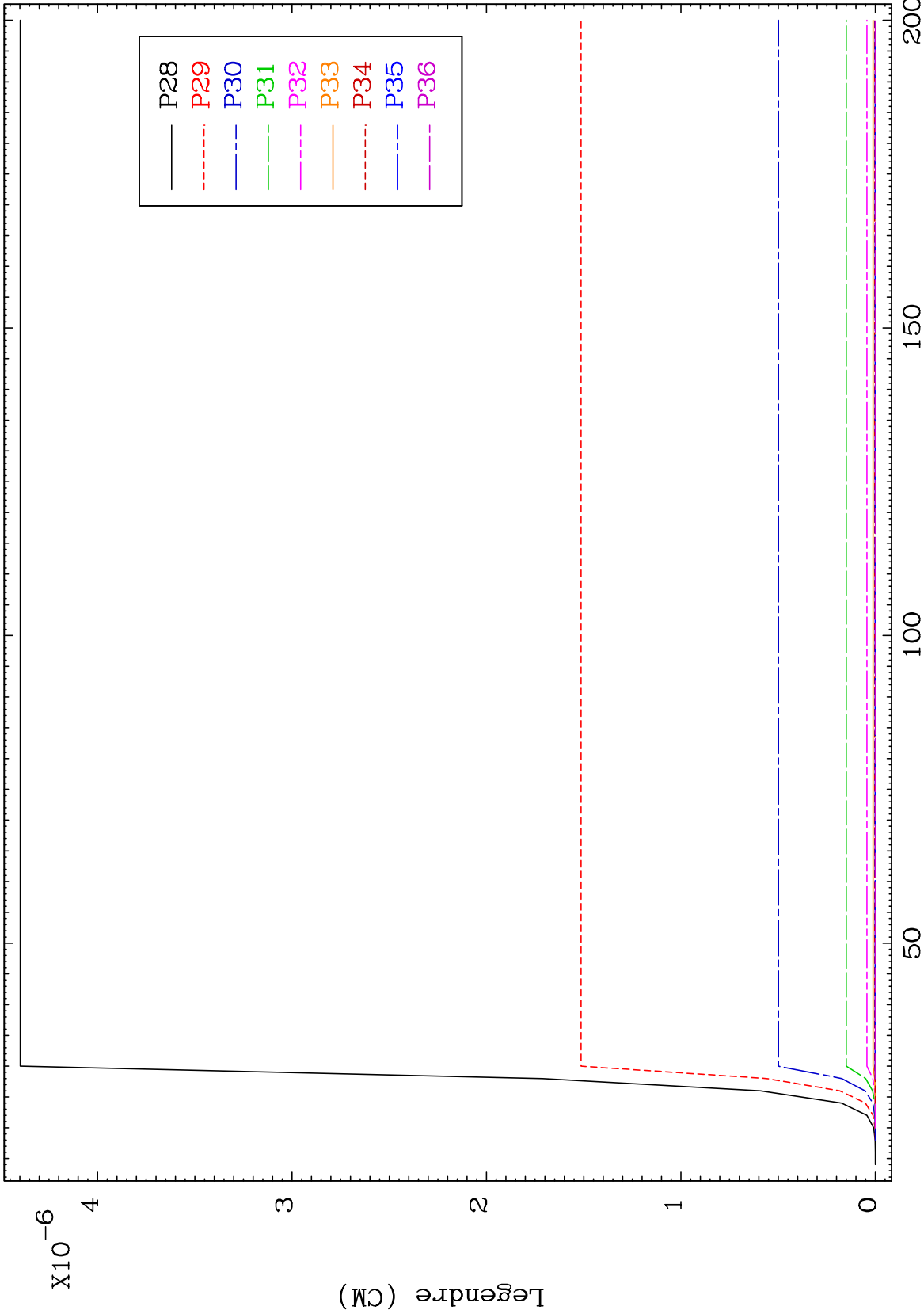
MAT 5258 MT= 57 (n,n') Level Legendre Coefficients 52-Te-131



MAT 5258

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

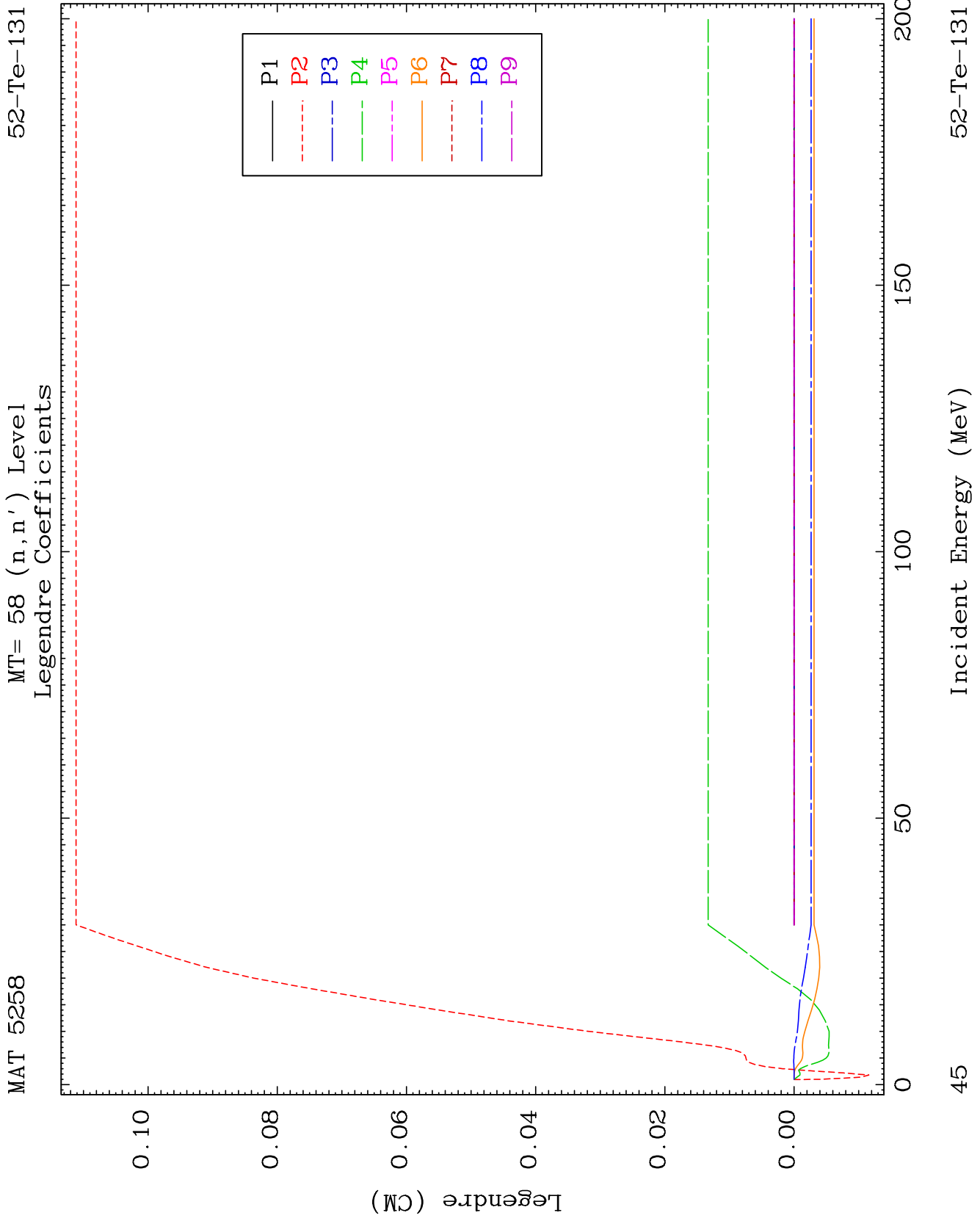
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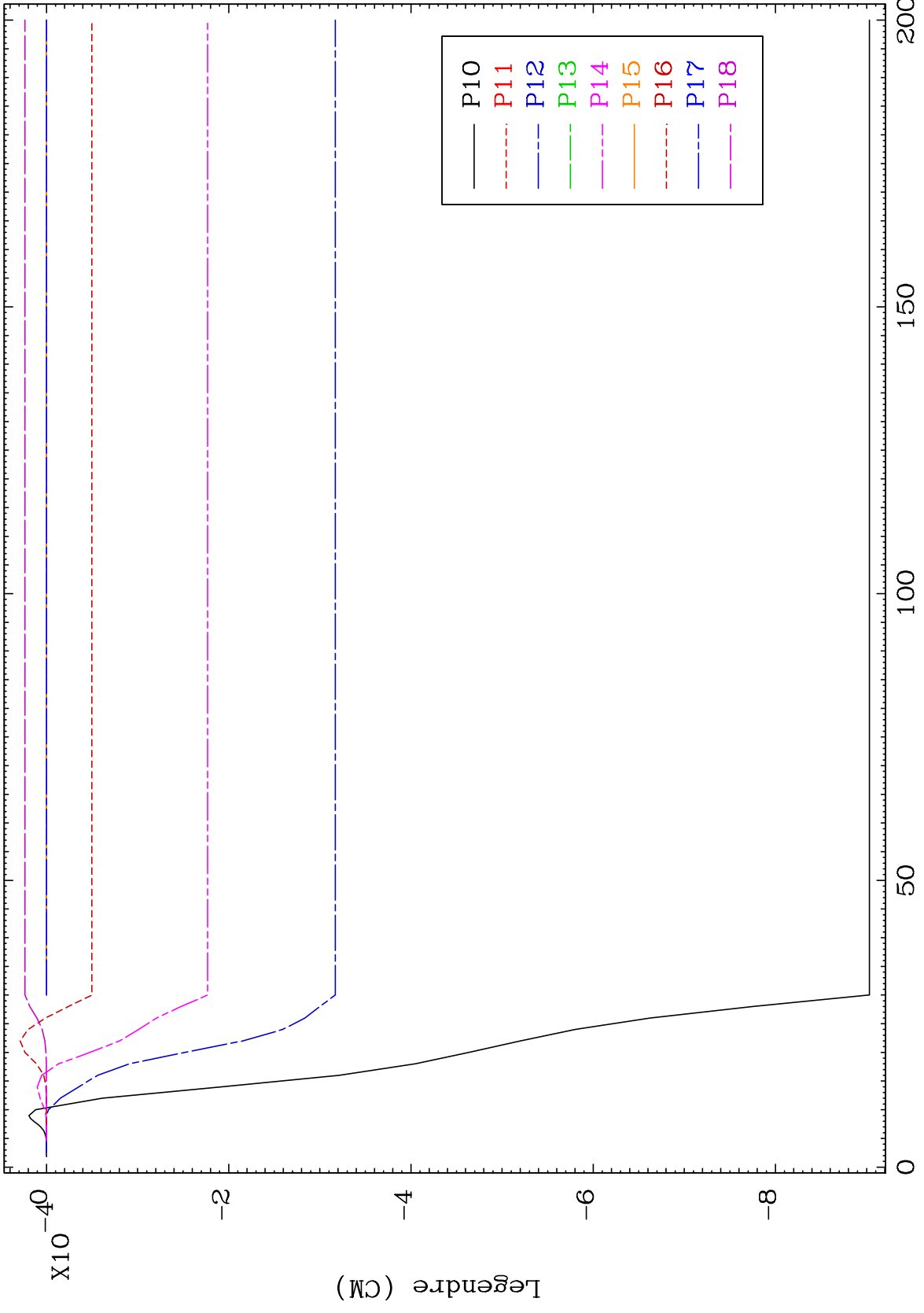
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Incident Energy (MeV)

52-Te-131

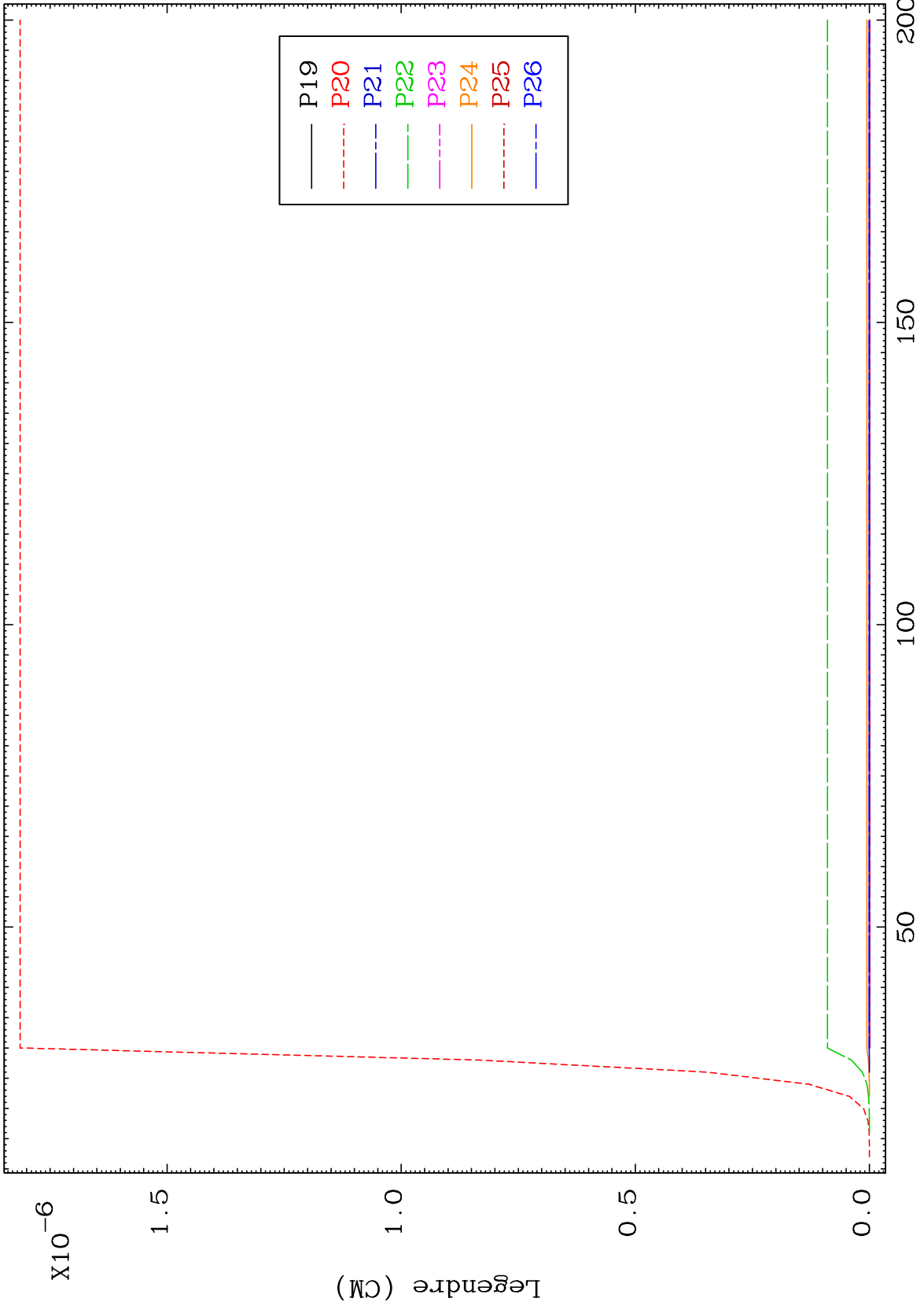


MAT 5258 MT= 58 (n,n') Level Legendre Coefficients 52-Te-131



46 52-Te-131

MAT 5258 MT= 58 (n,n') Level Legendre Coefficients 52-Te-131

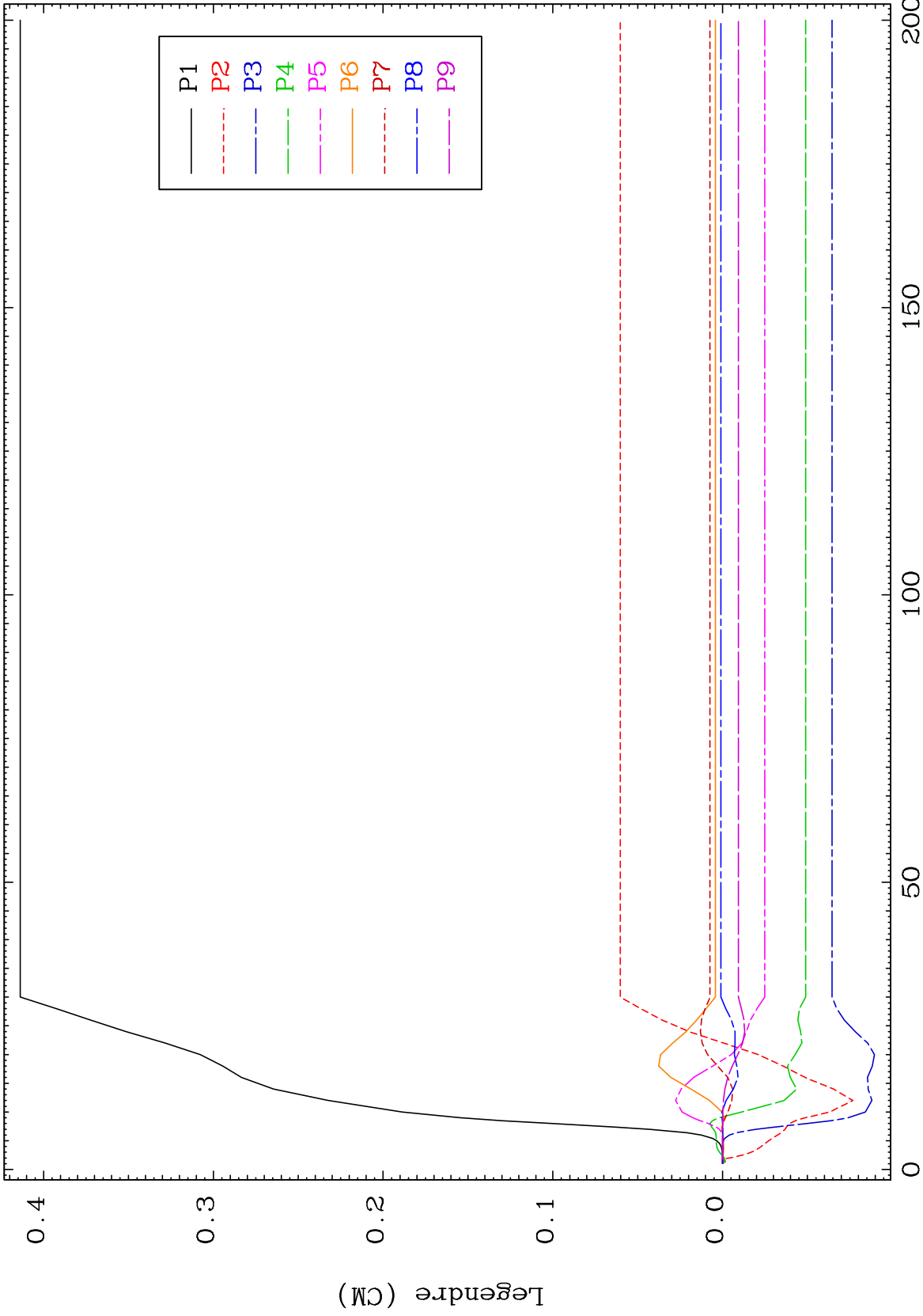


47 52-Te-131

MAT 5258

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

52-Te-131



48

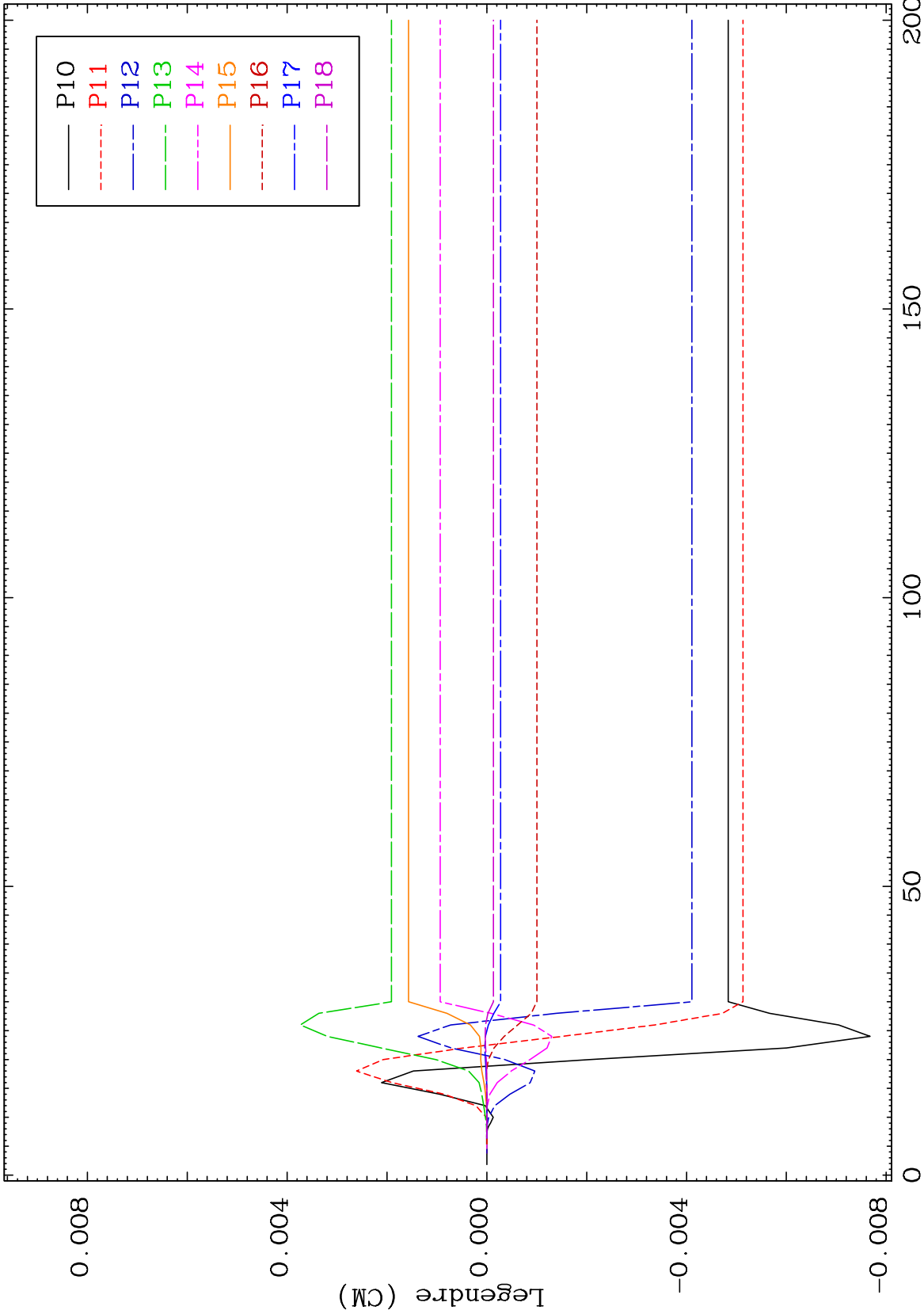
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



49

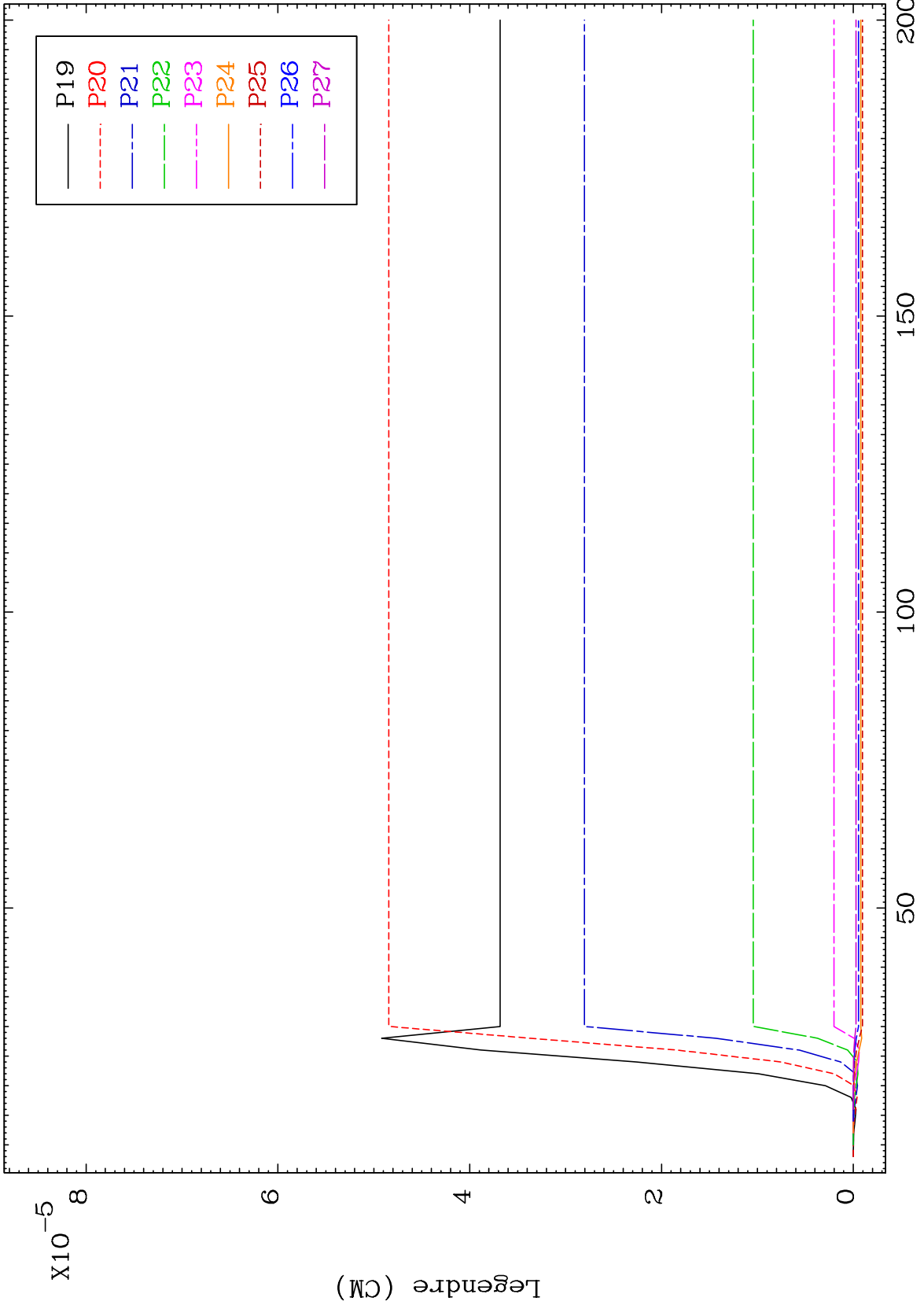
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



52-Te-131

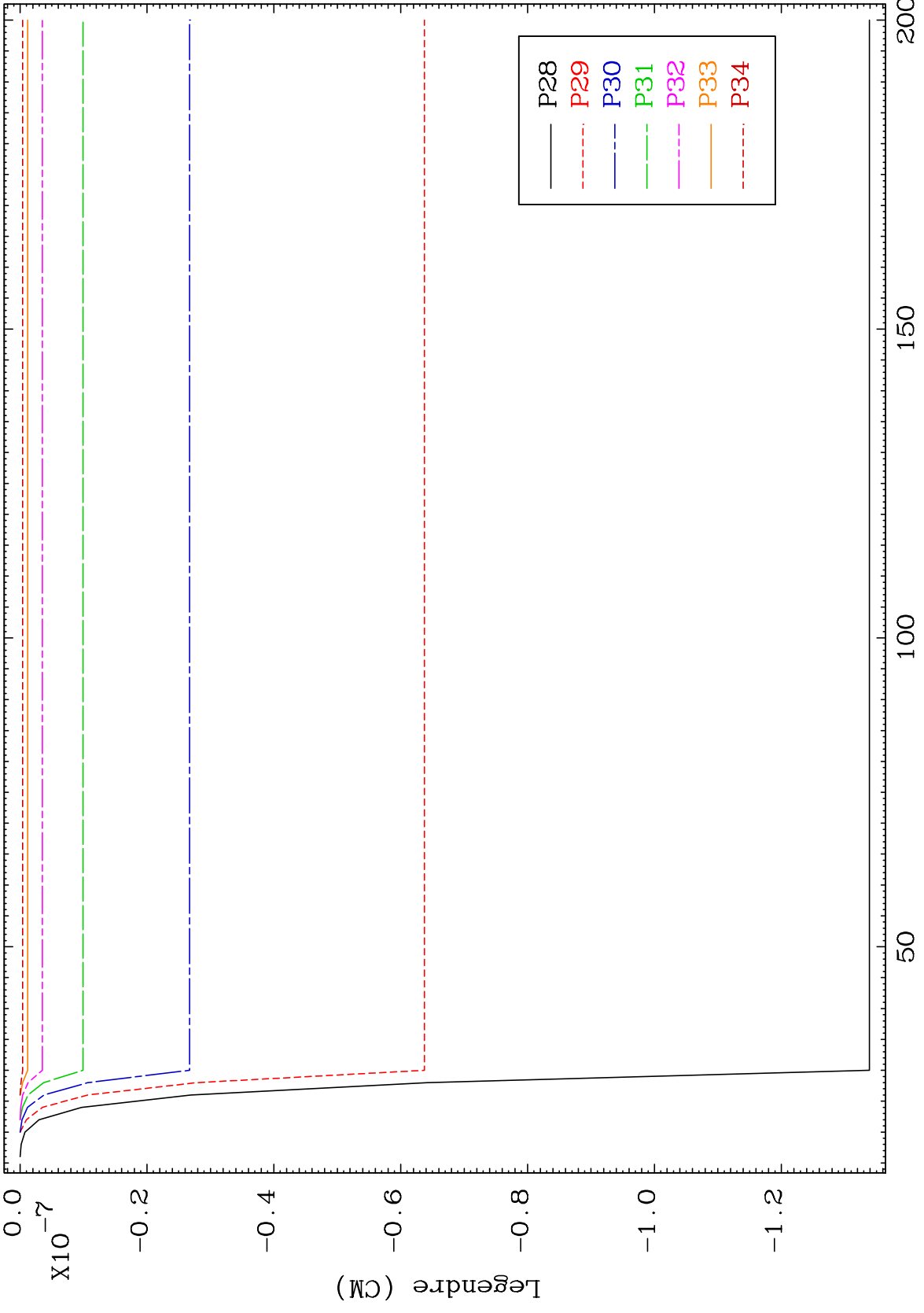
Incident Energy (MeV)

50

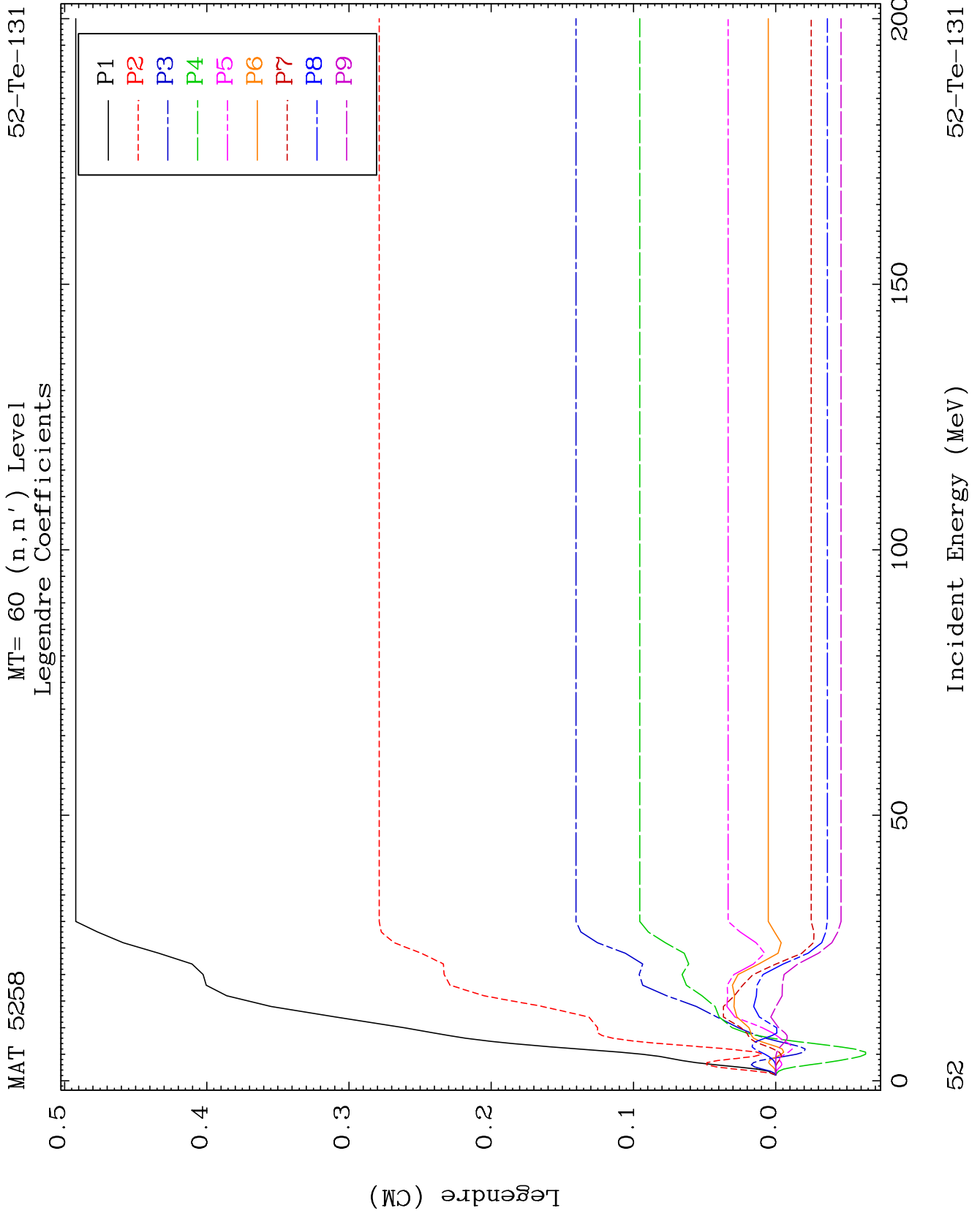
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Legendre (CM)

MAT 5258 MT= 59 (n,n') Level Legendre Coefficients 52-Te-131



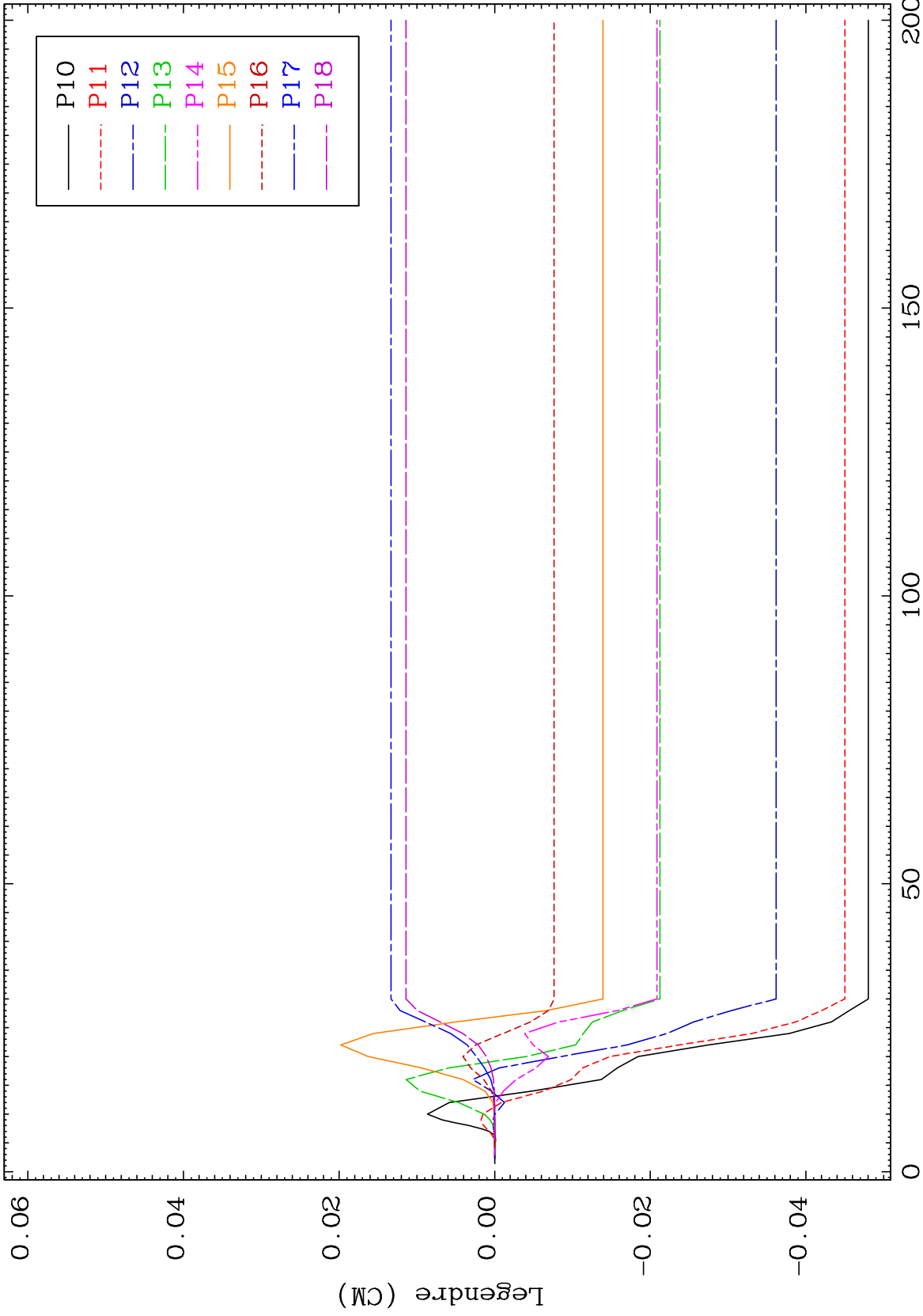
51 52-Te-131



MAT 5258

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

52-Te-131



53

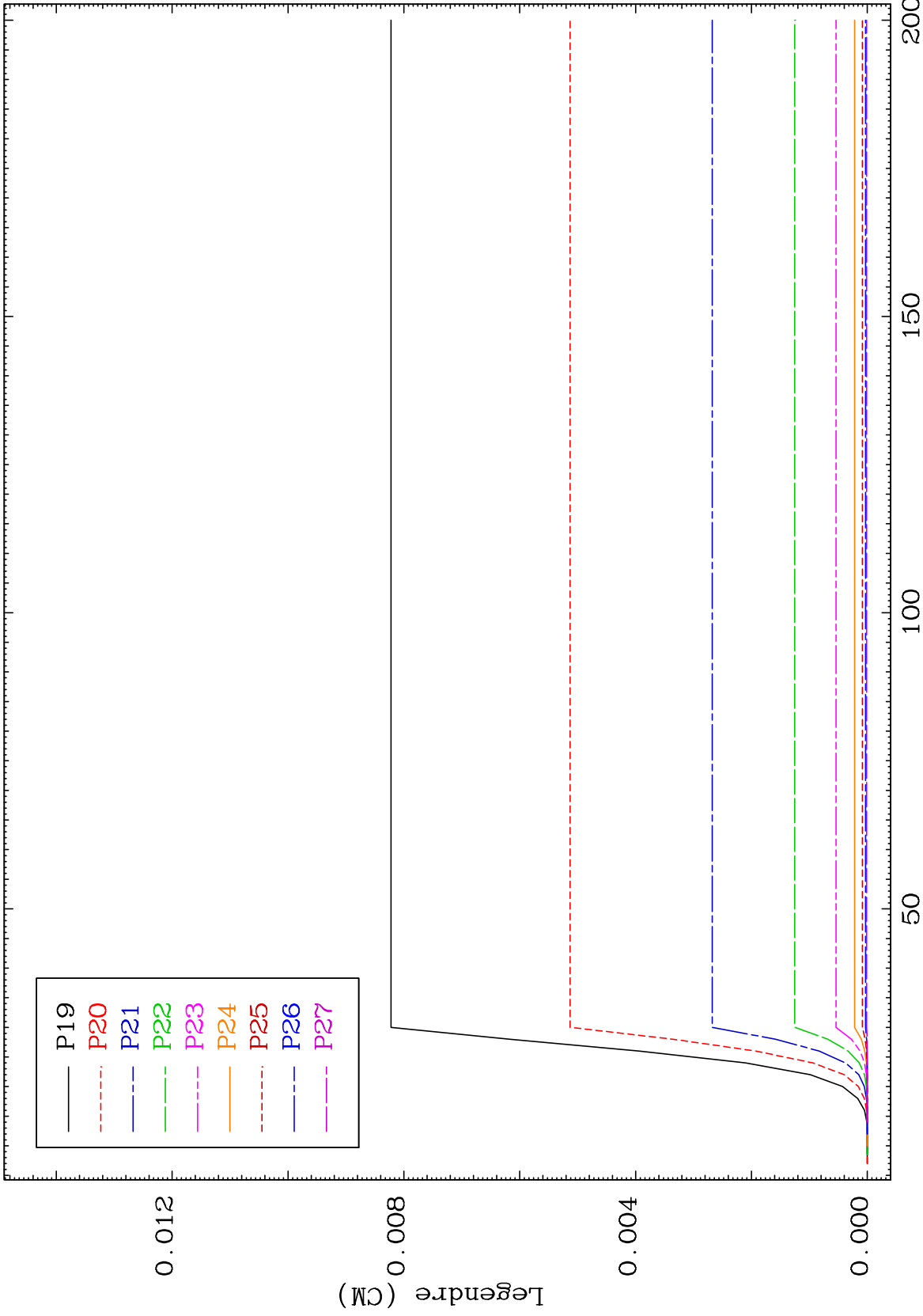
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



54

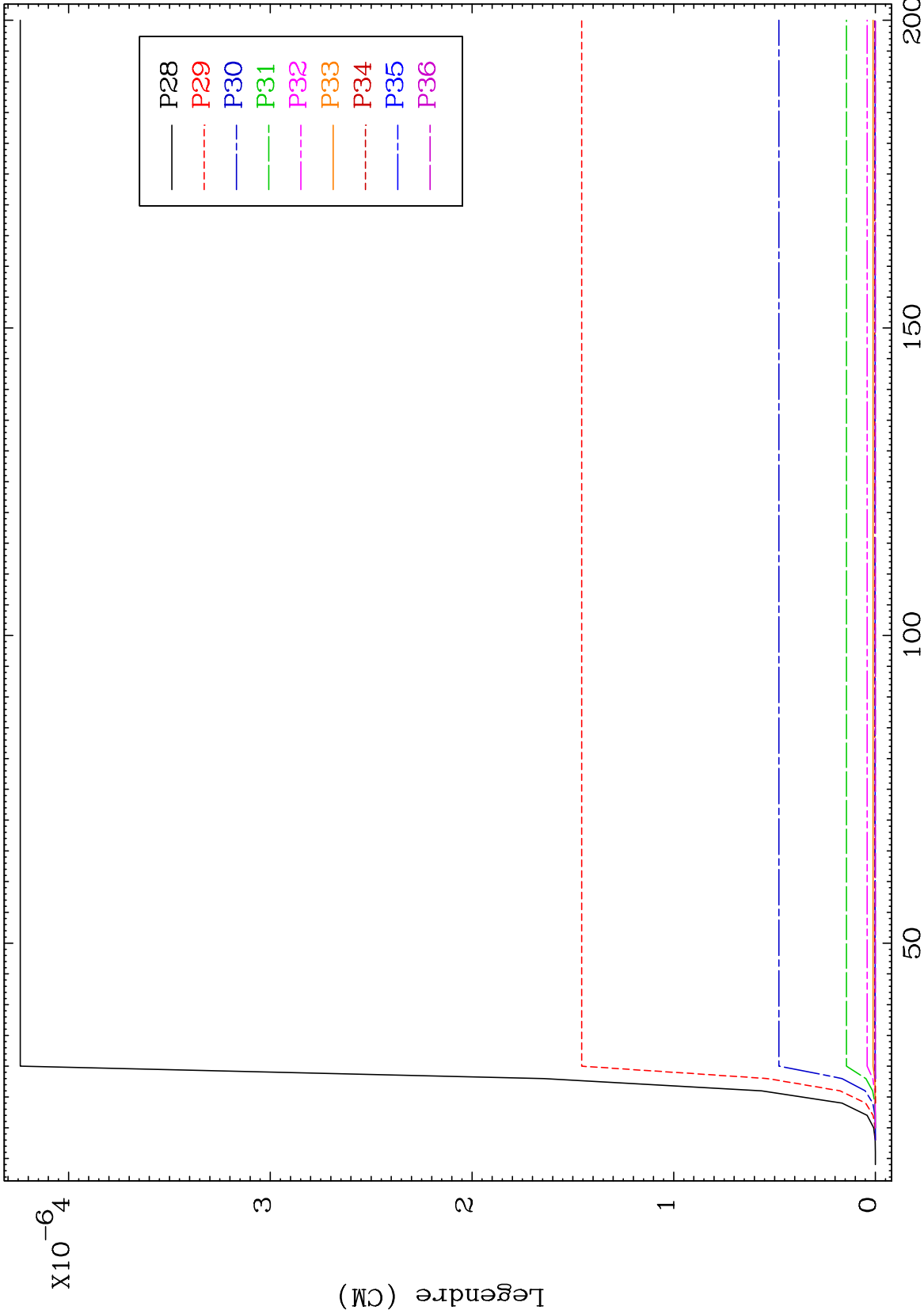
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131

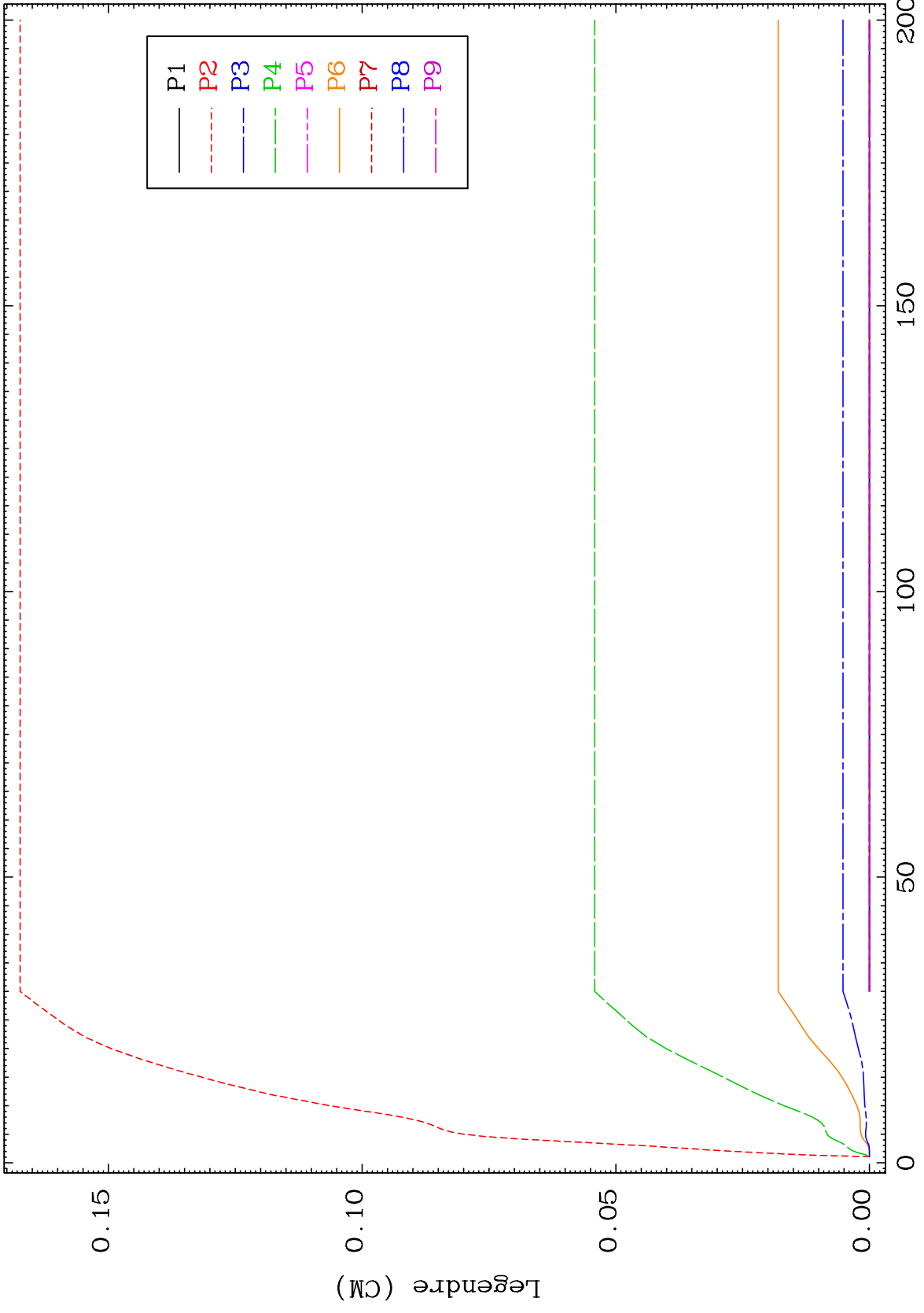


55

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 61 (n,n') Level Legendre Coefficients 52-Te-131

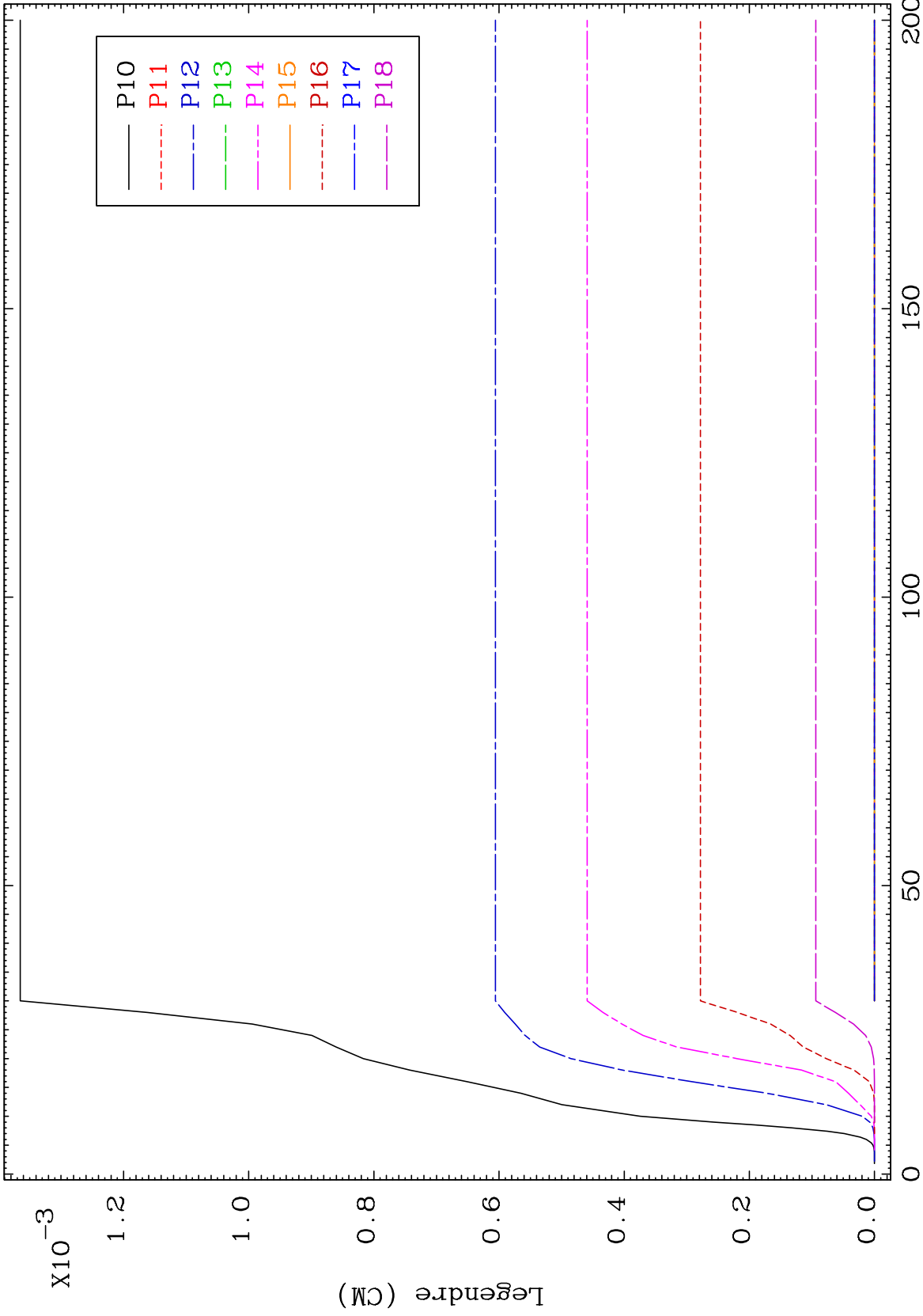


56 52-Te-131

MAT 5258

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

52-Te-131

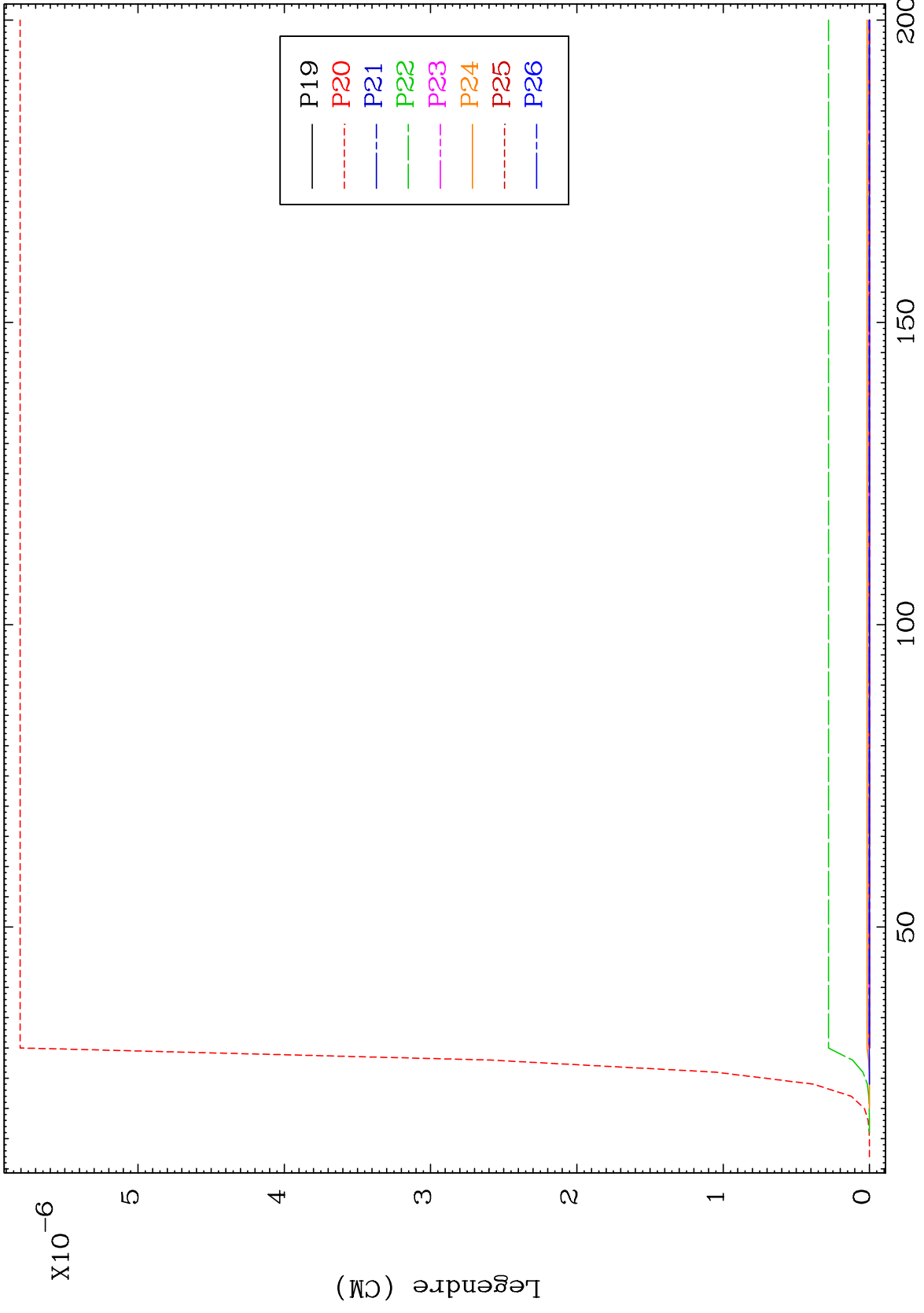


57

Incident Energy (MeV)

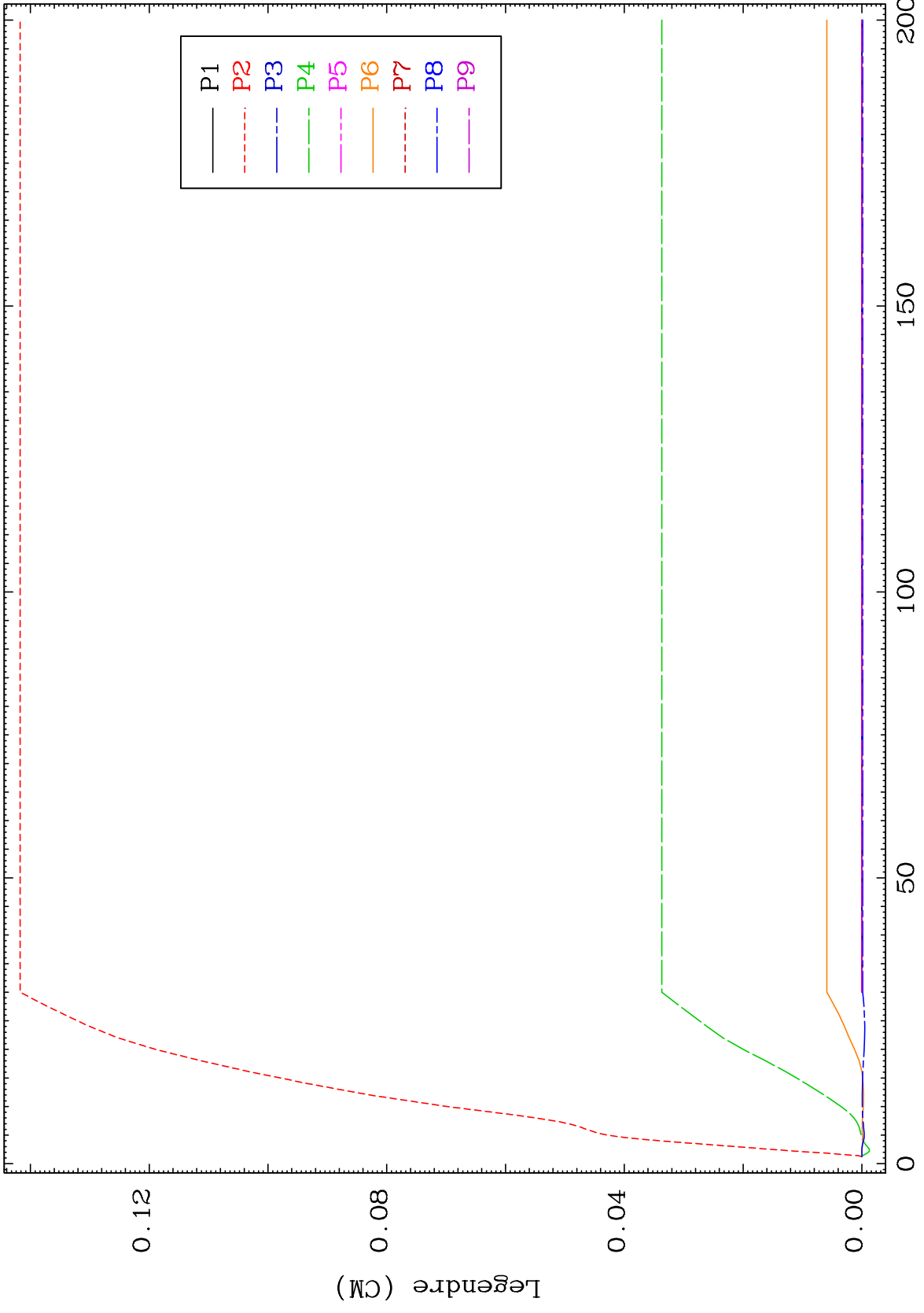
52-Te-131

MAT 5258 MT= 61 (n,n') Level Legendre Coefficients 52-Te-131



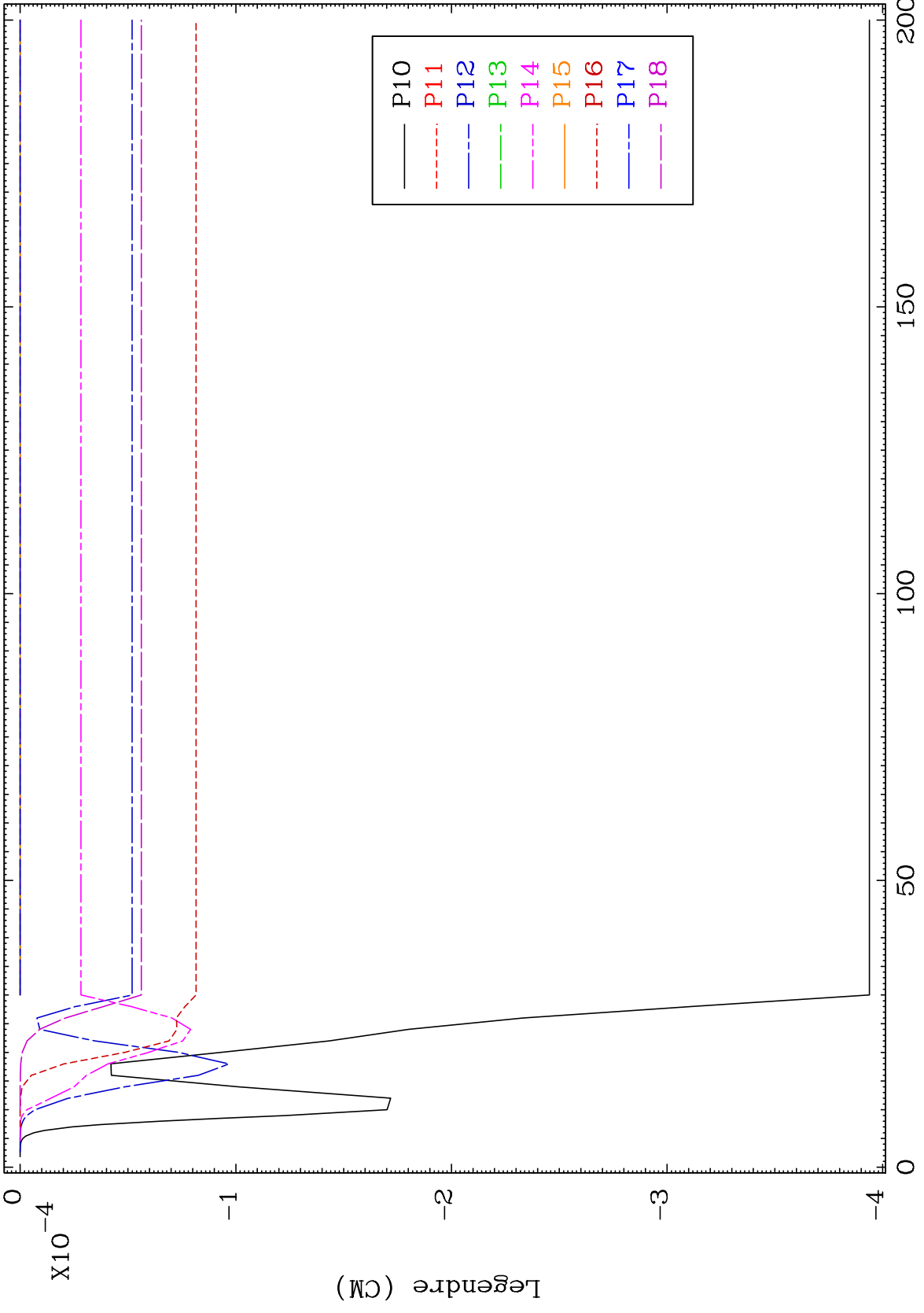
52-Te-131

MAT 5258 MT= 62 (n,n') Level Legendre Coefficients 52-Te-131



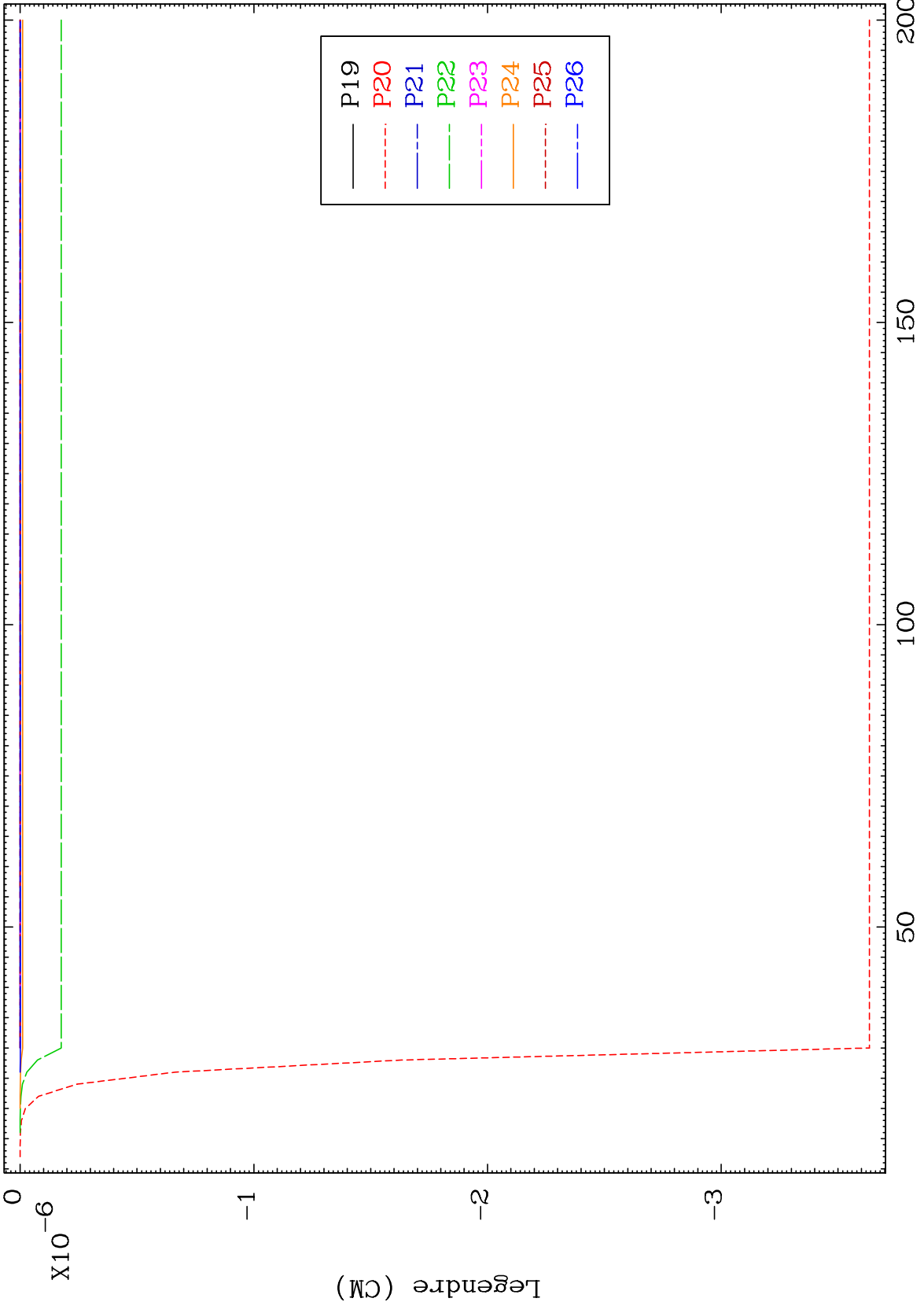
52-Te-131

MAT 5258 MT= 62 (n,n') Level Legendre Coefficients 52-Te-131



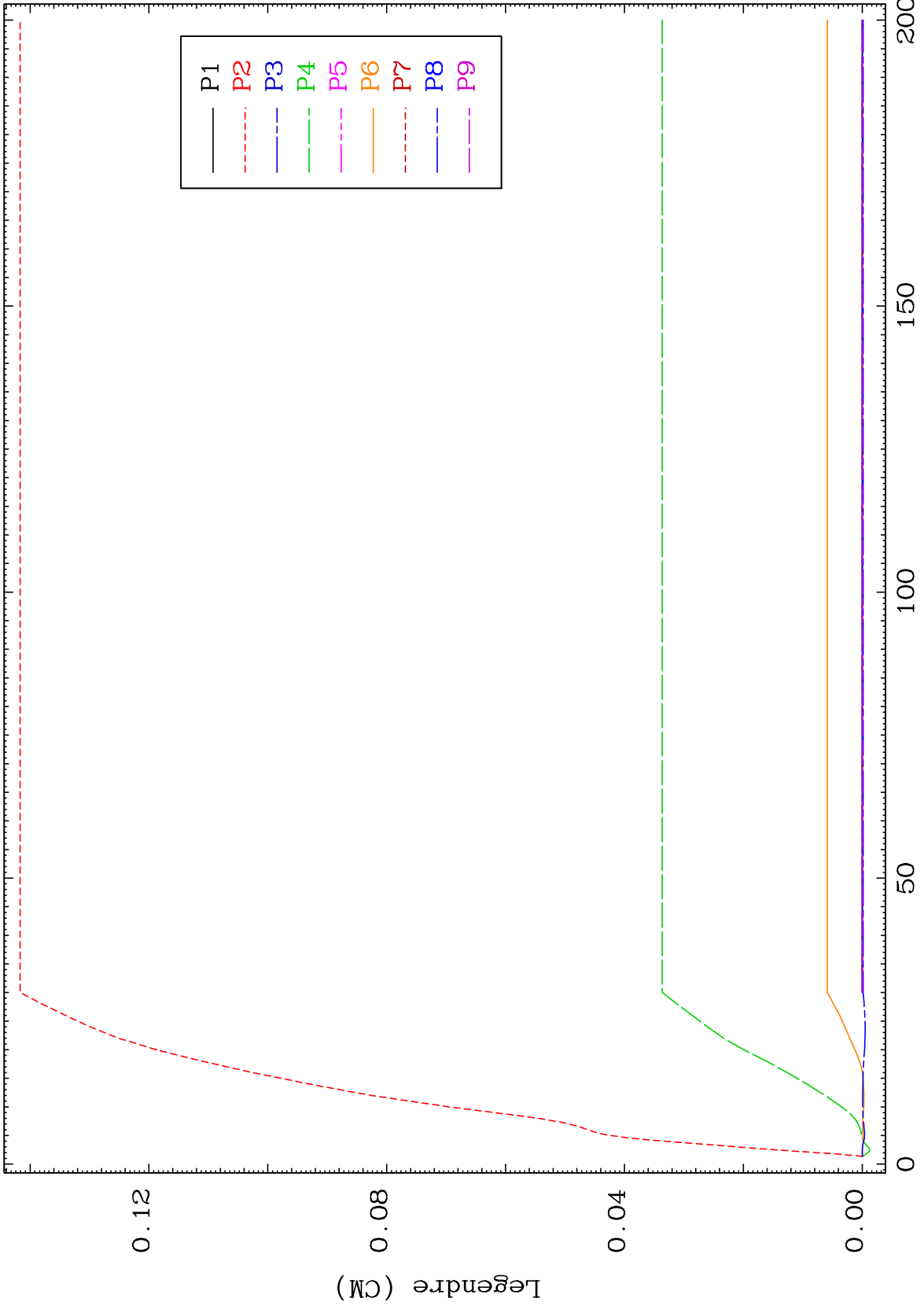
52-Te-131

MAT 5258 MT= 62 (n,n') Level Legendre Coefficients 52-Te-131



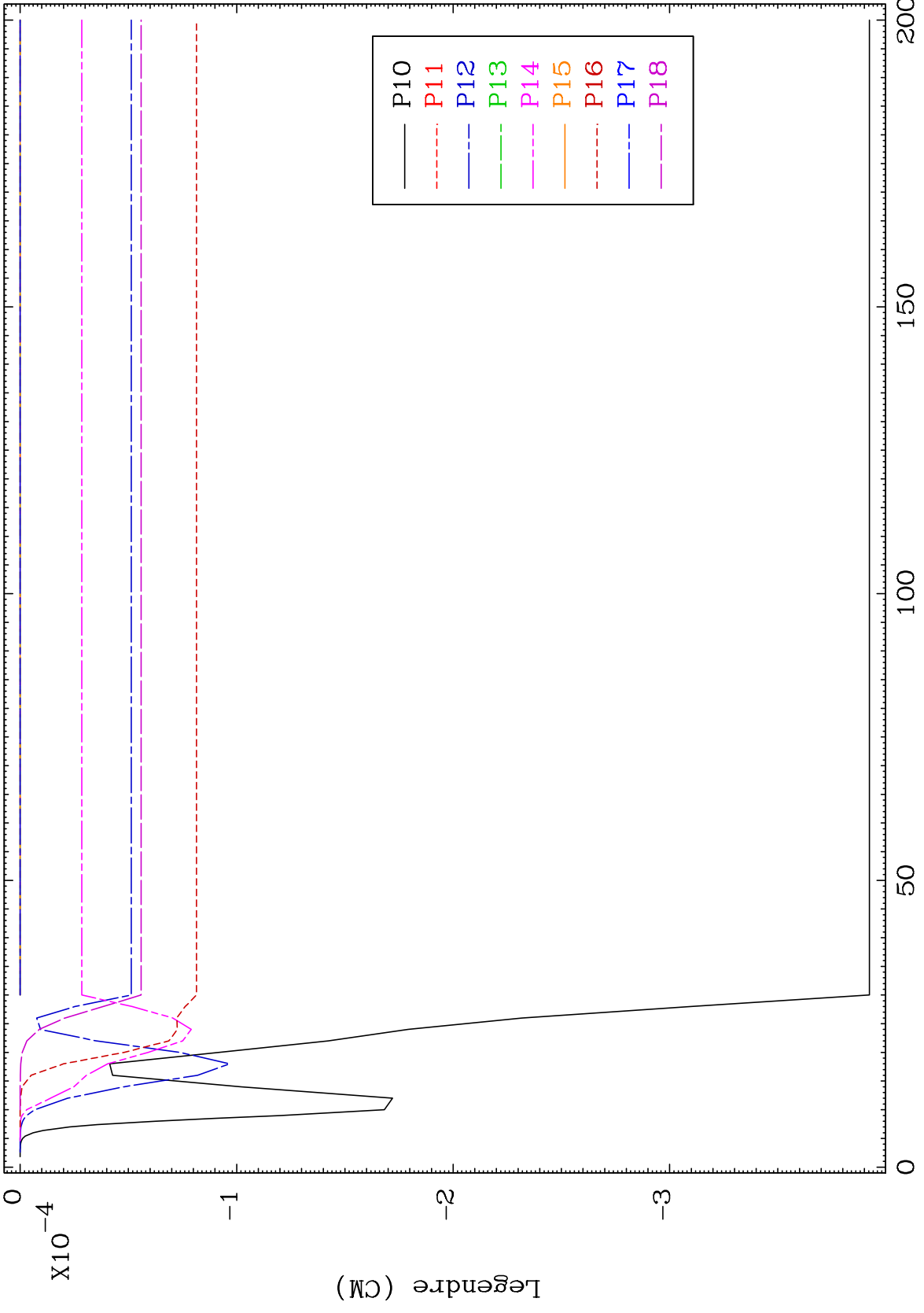
61 52-Te-131

MAT 5258 MT= 63 (n,n') Level Legendre Coefficients 52-Te-131



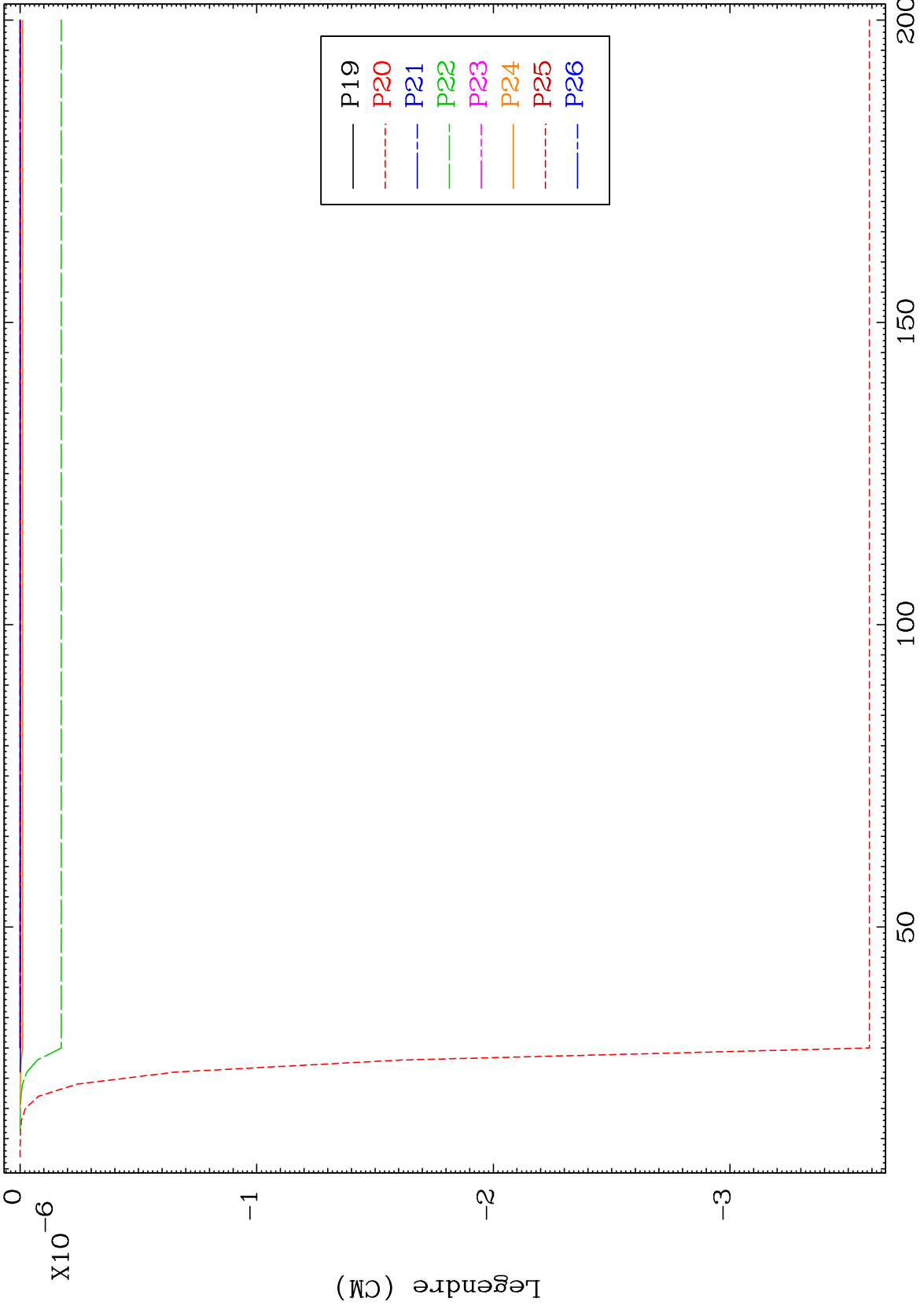
62 Incident Energy (MeV) 52-Te-131

MAT 5258 MT= 63 (n,n') Level Legendre Coefficients 52-Te-131



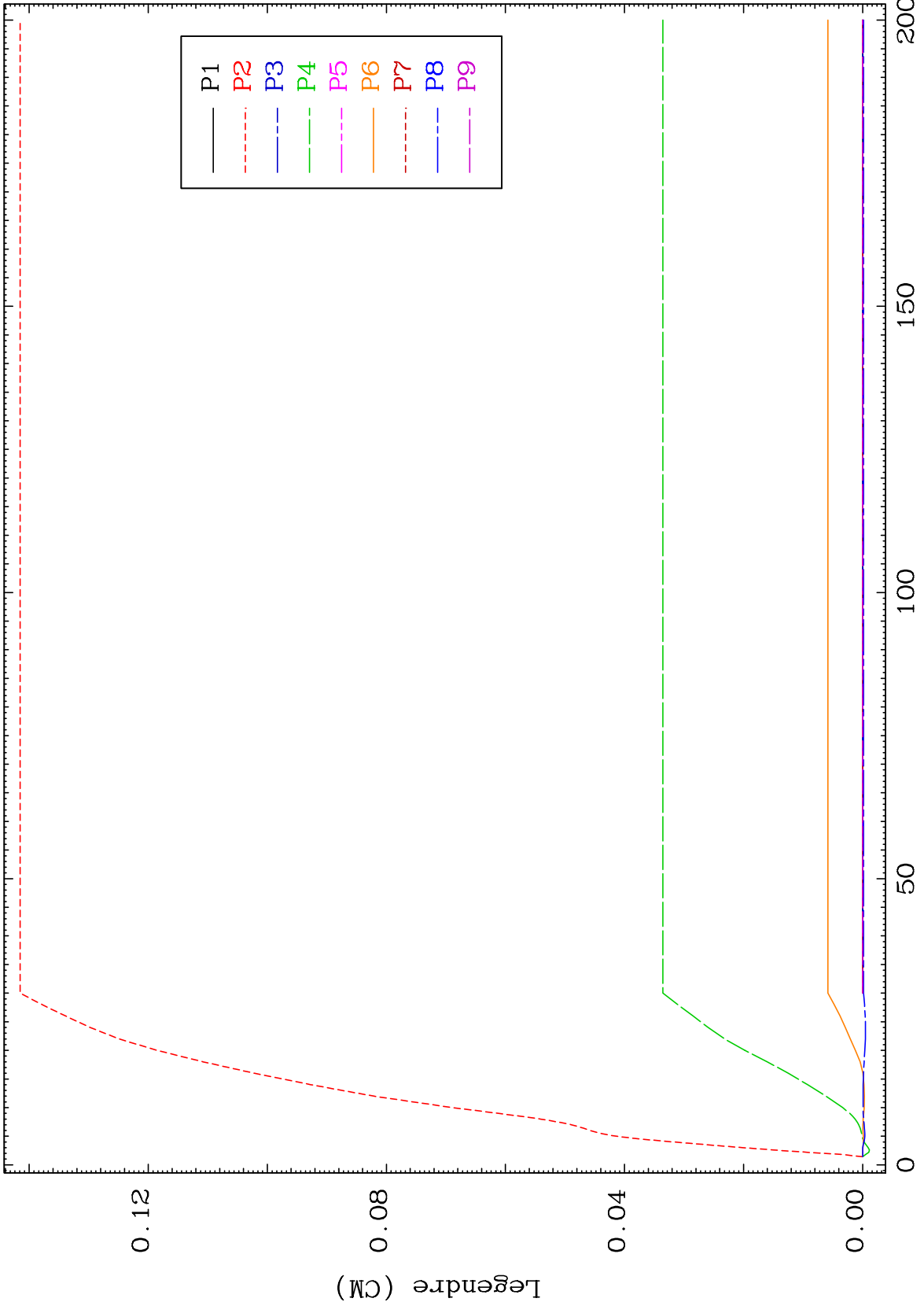
63 52-Te-131

MAT 5258 MT= 63 (n,n') Level Legendre Coefficients 52-Te-131



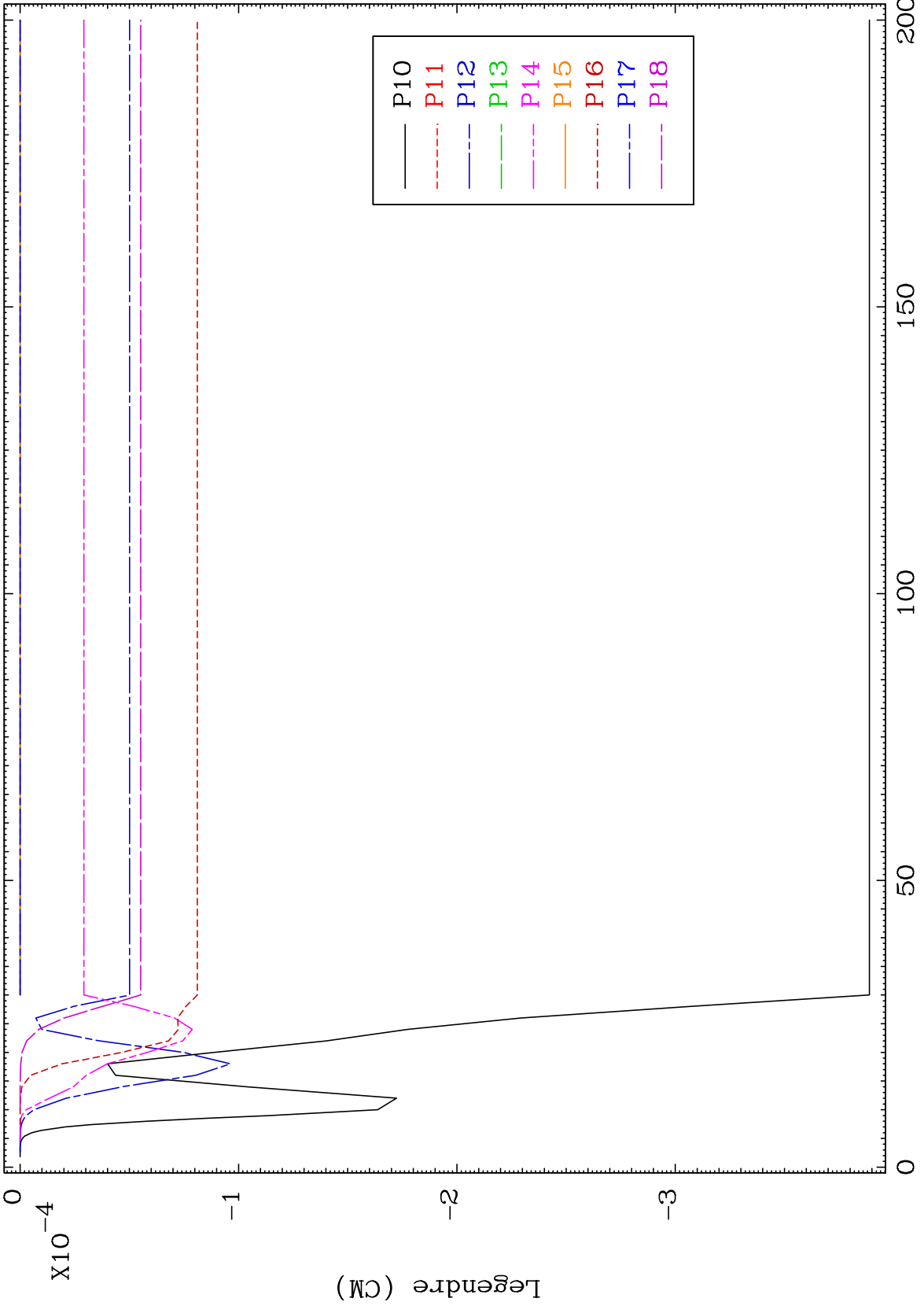
64 52-Te-131

MAT 5258 MT= 64 (n,n') Level Legendre Coefficients 52-Te-131



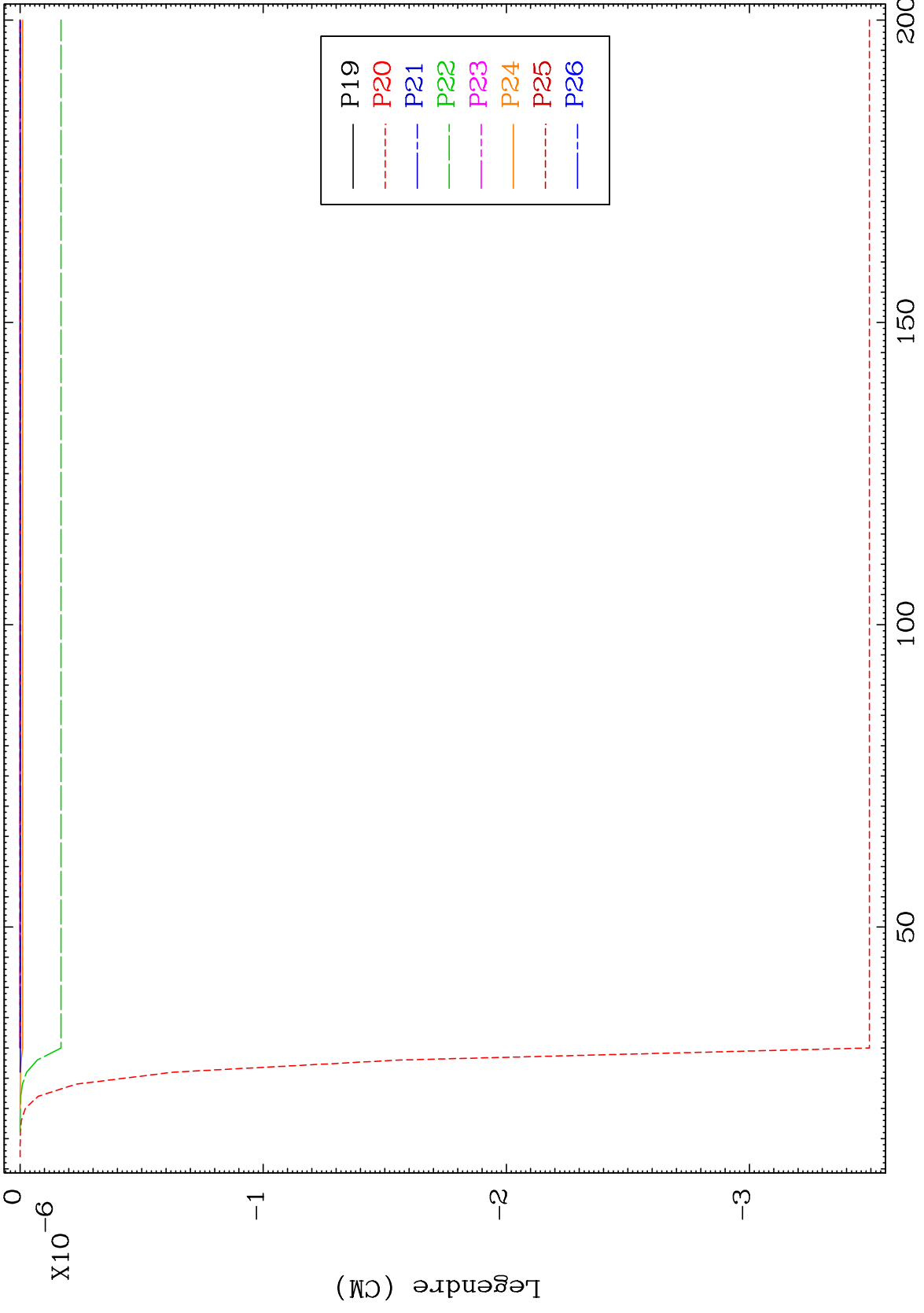
65 Incident Energy (MeV) 52-Te-131

MAT 5258 MT= 64 (n,n') Level Legendre Coefficients 52-Te-131



66 52-Te-131

MAT 5258 MT= 64 (n,n') Level Legendre Coefficients 52-Te-131

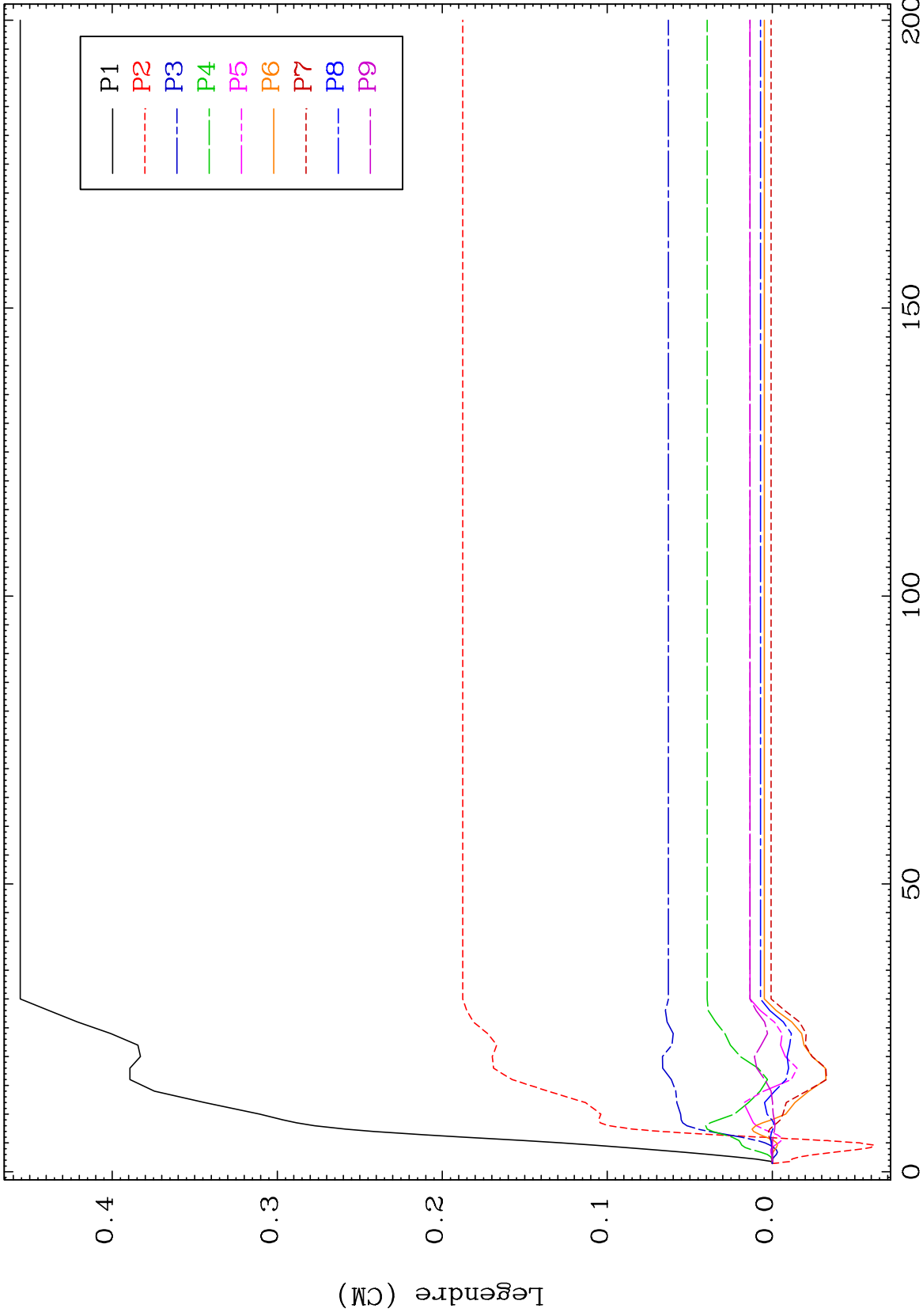


67 52-Te-131

MAT 5258

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

52-Te-131



68

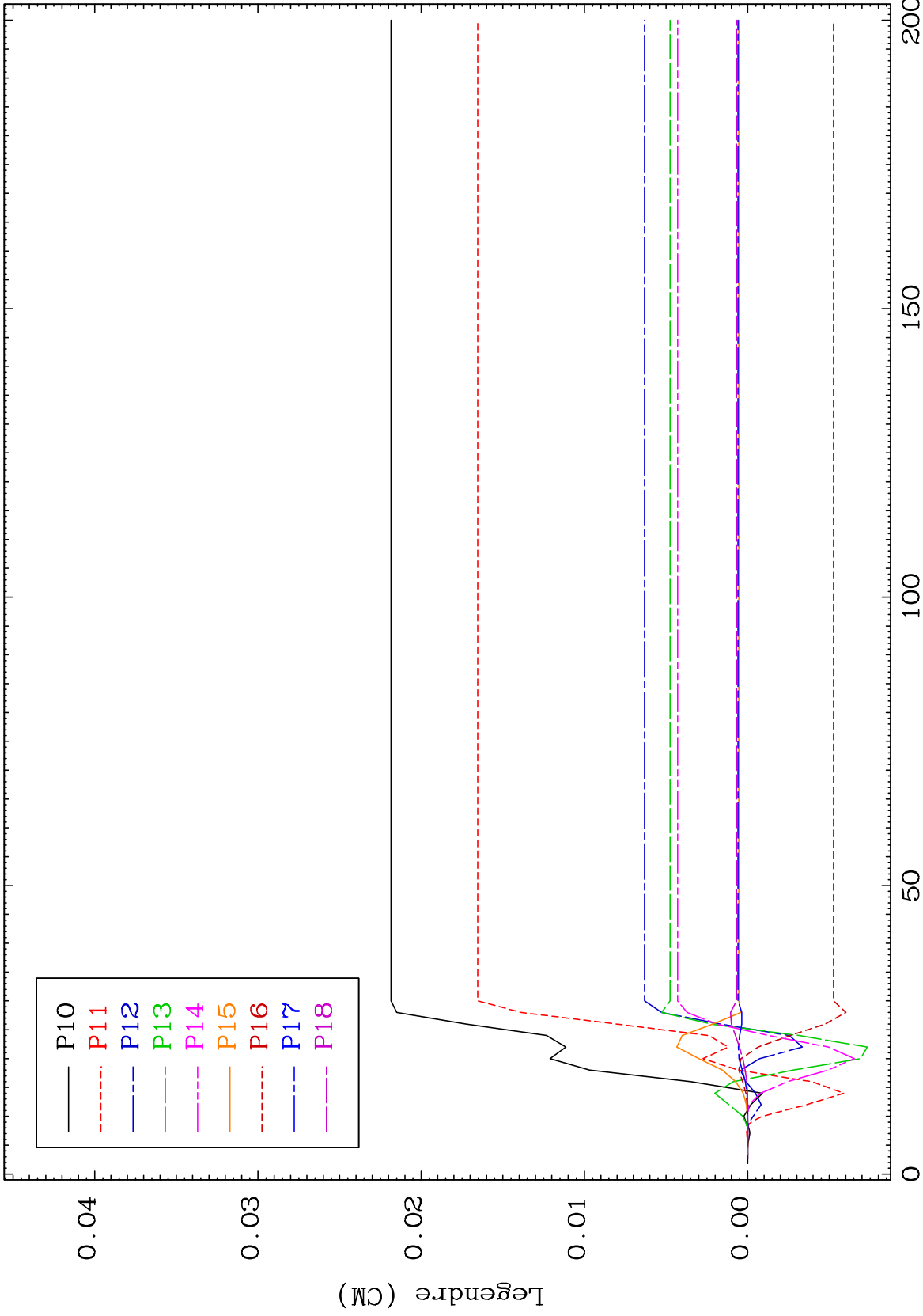
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



69

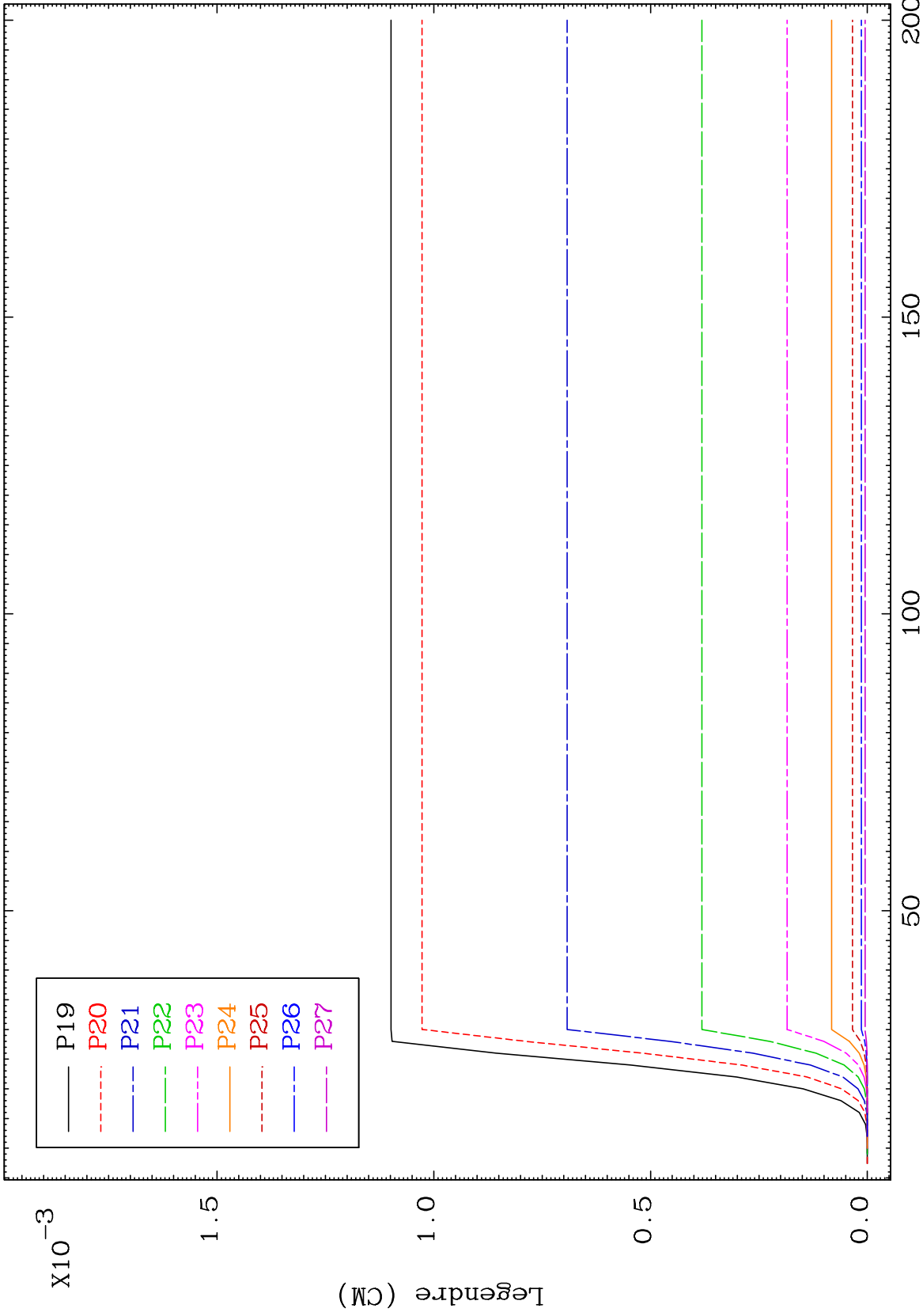
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



70

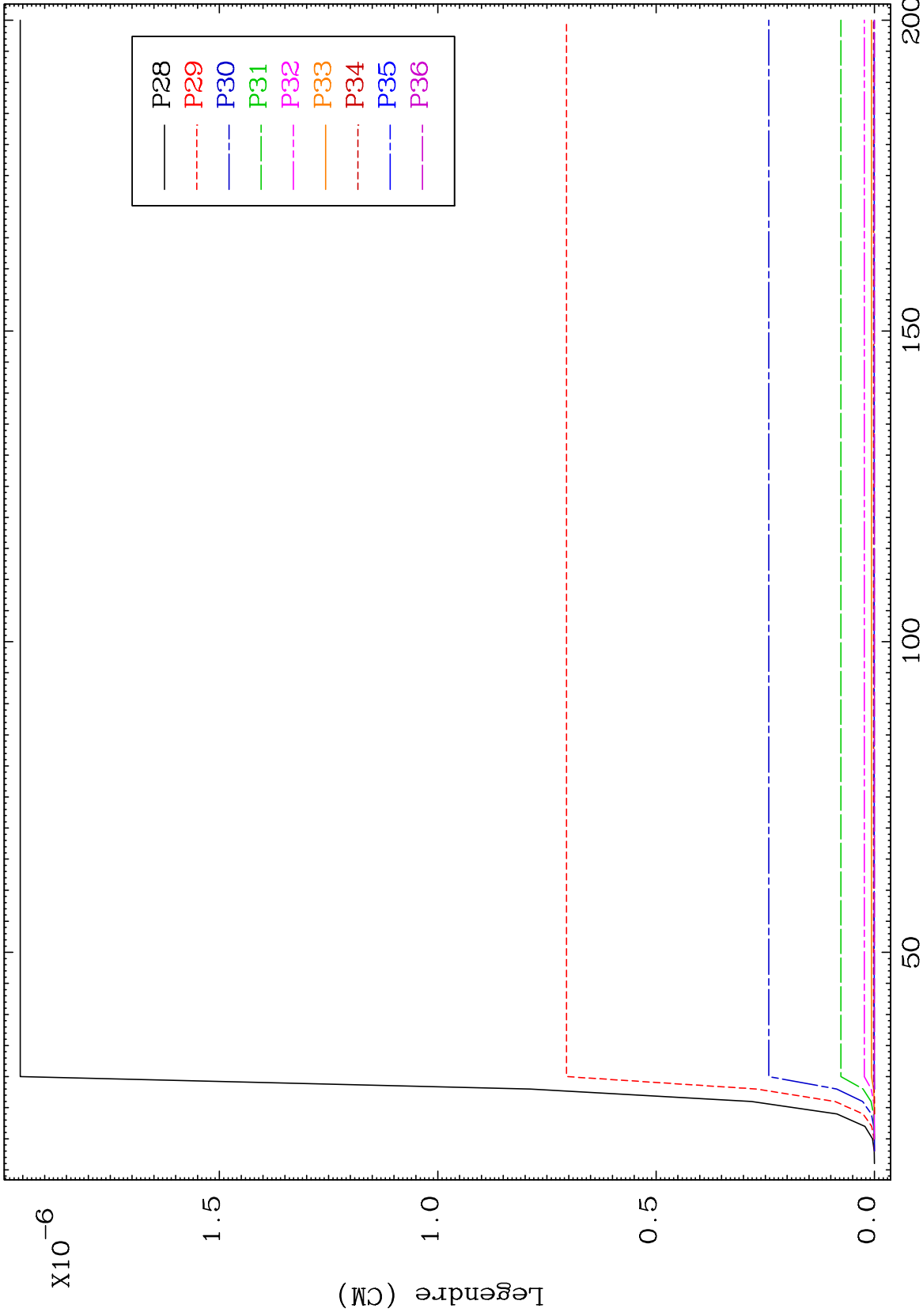
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131

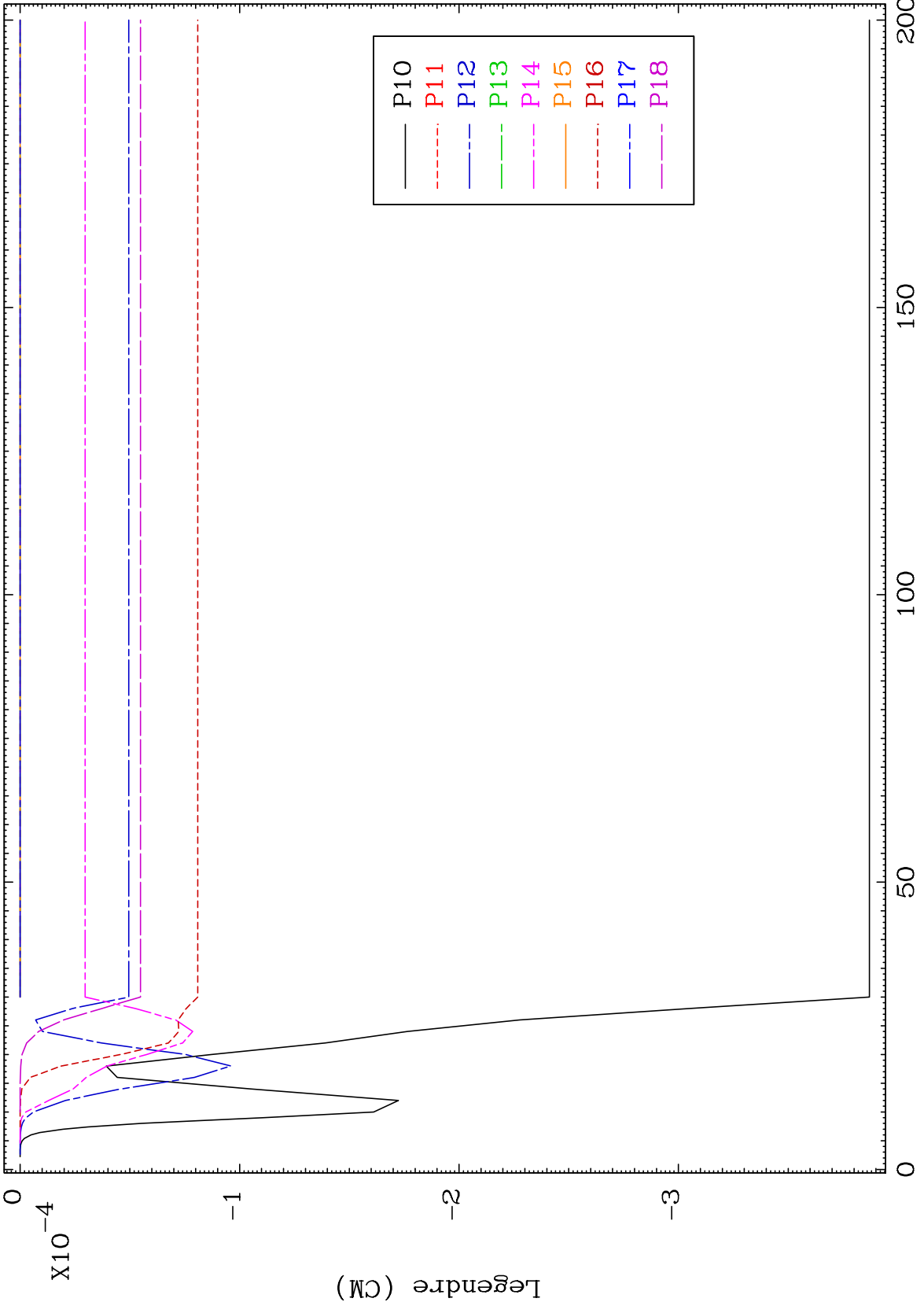


71

Incident Energy (MeV)

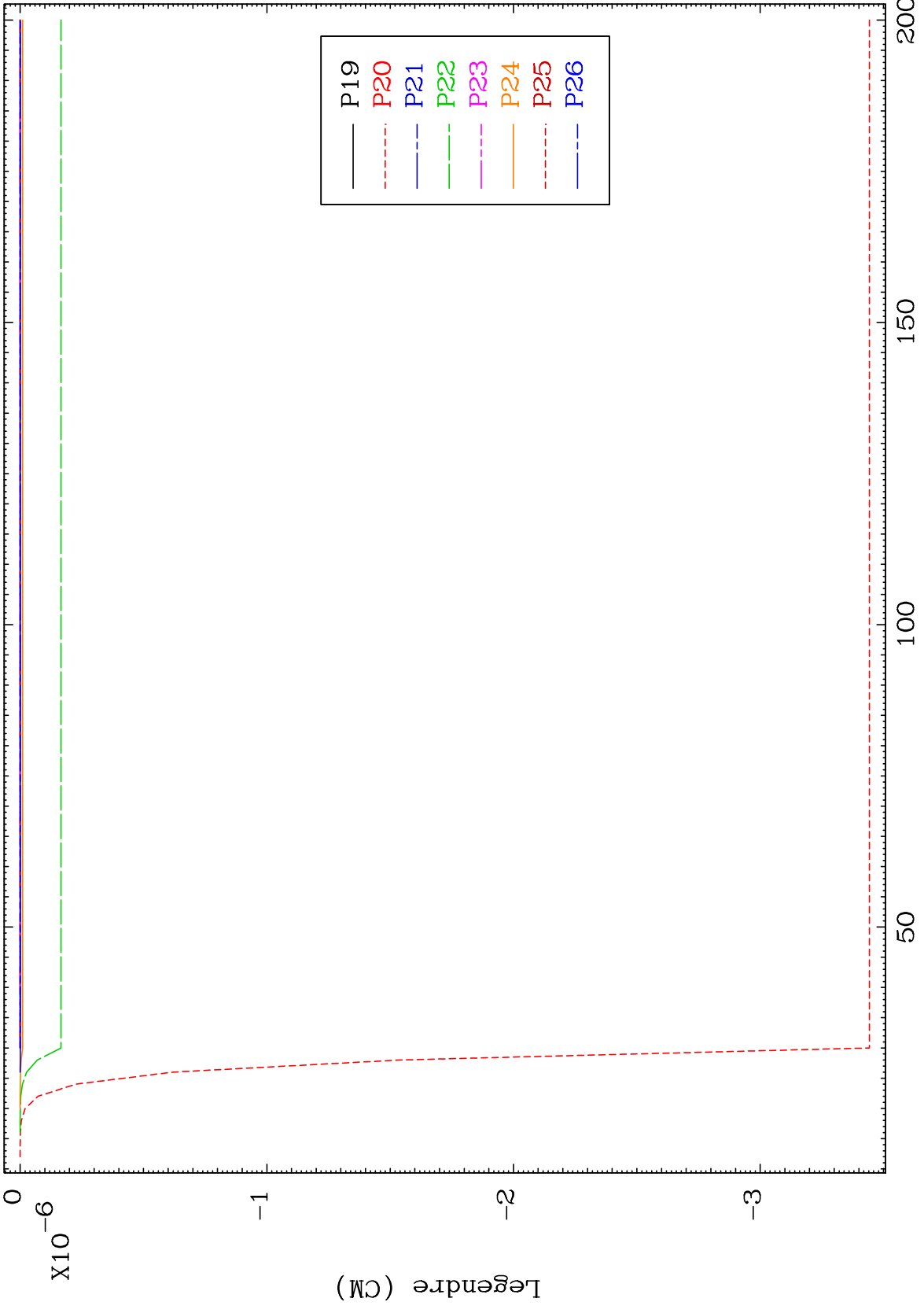
52-Te-131

MAT 5258 MT= 66 (n,n') Level Legendre Coefficients 52-Te-131



73 52-Te-131

MAT 5258 MT= 66 (n,n') Level Legendre Coefficients 52-Te-131

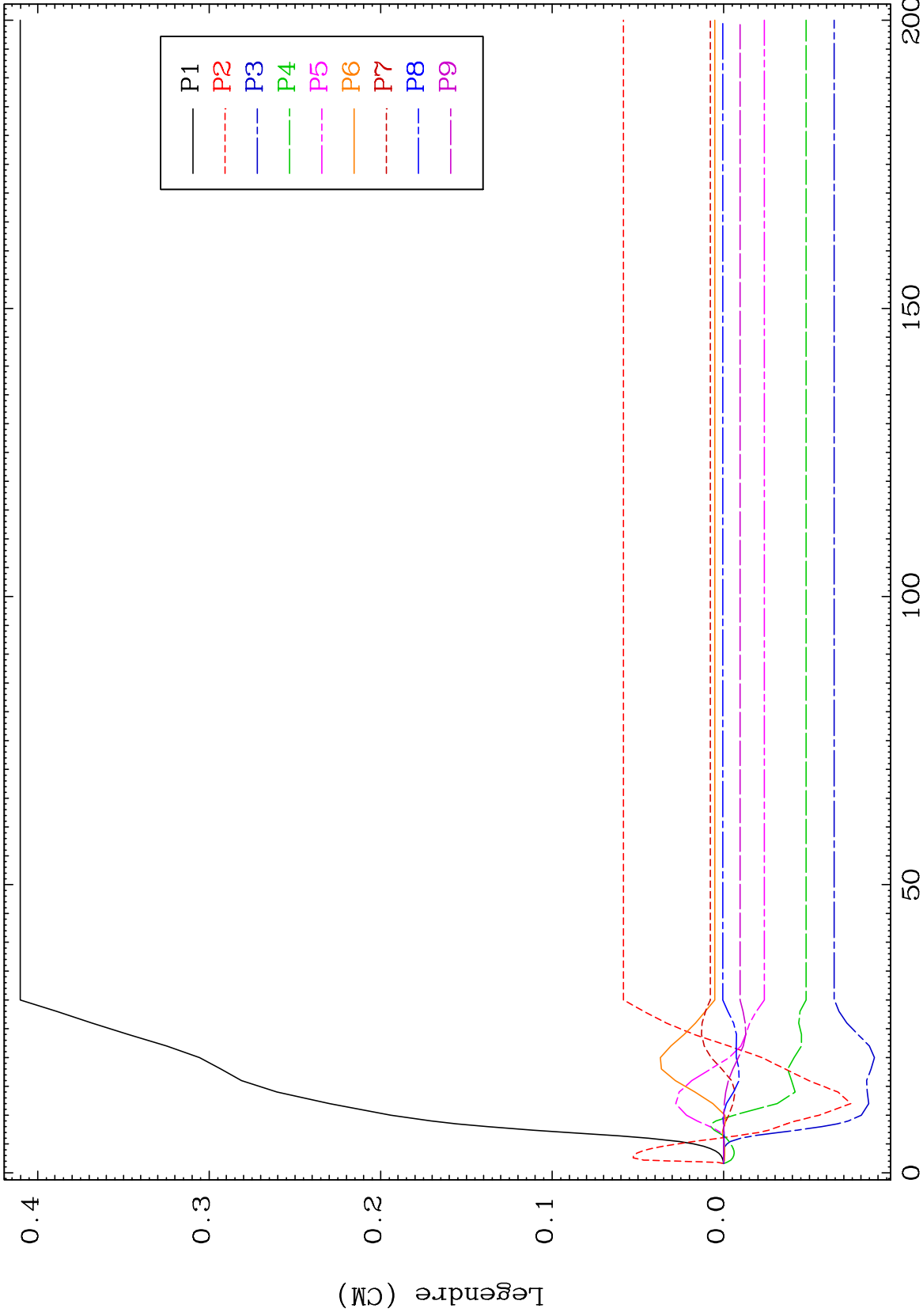


74 52-Te-131

MAT 5258

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

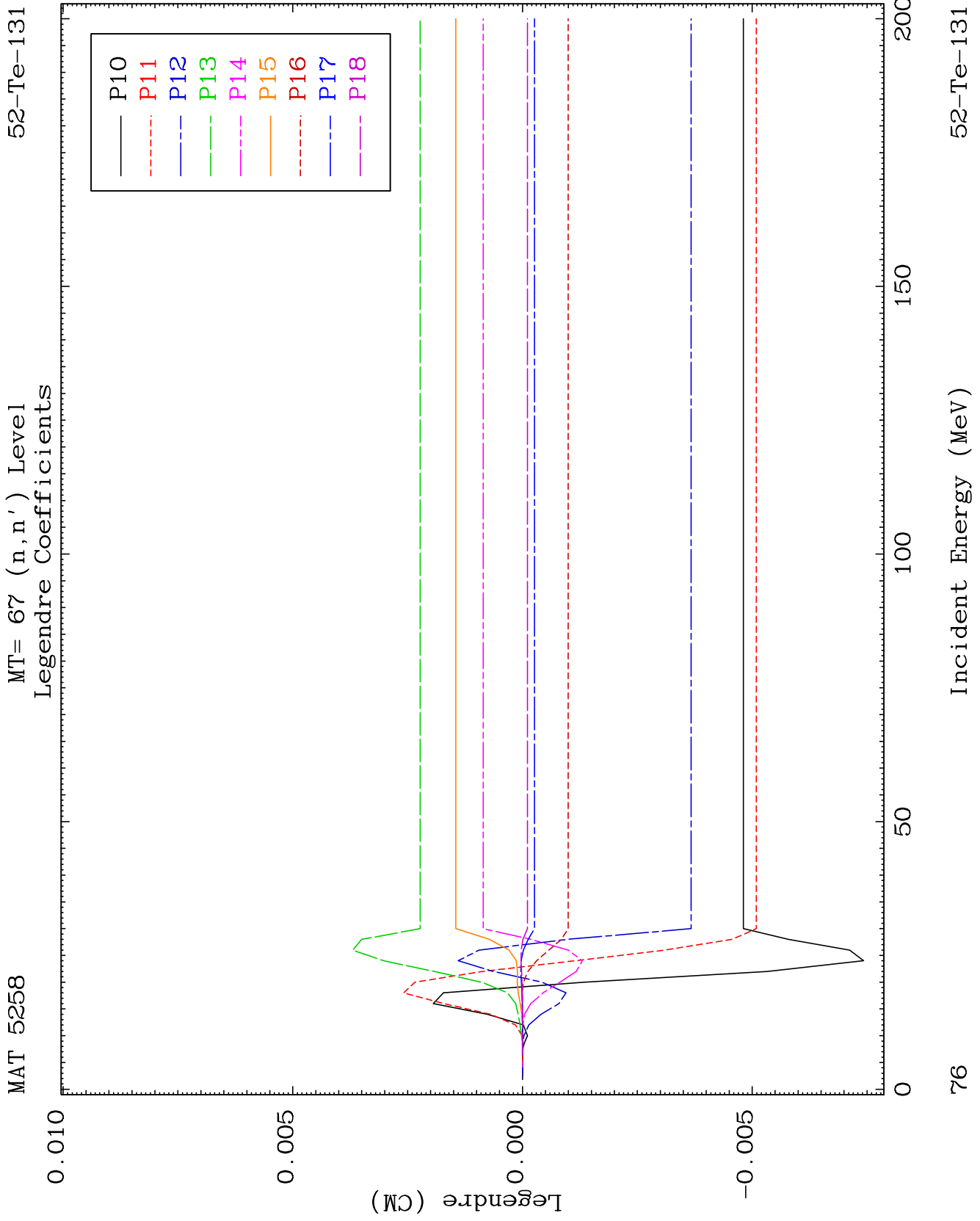
52-Te-131



75

Incident Energy (MeV)

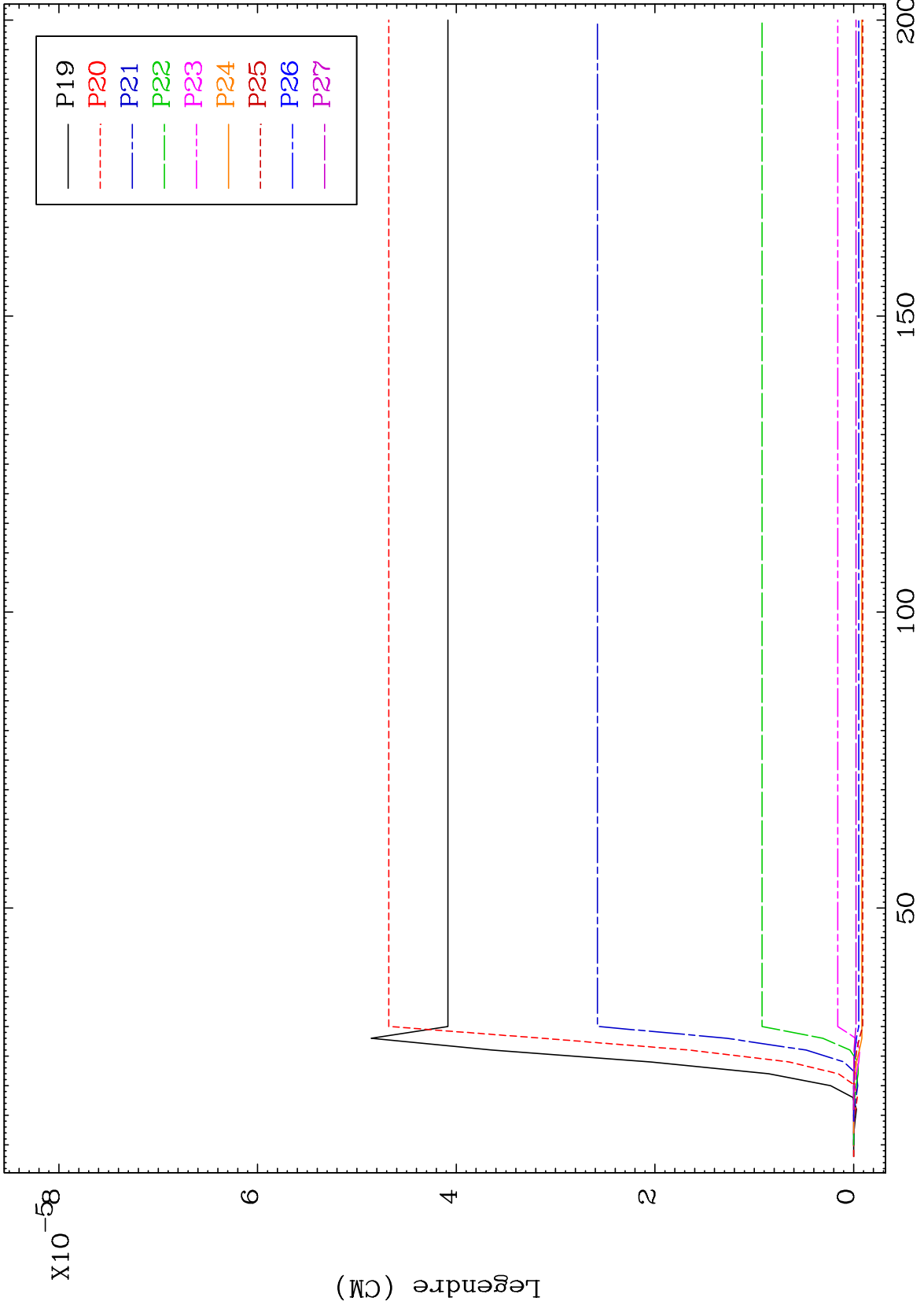
52-Te-131



MAT 5258

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

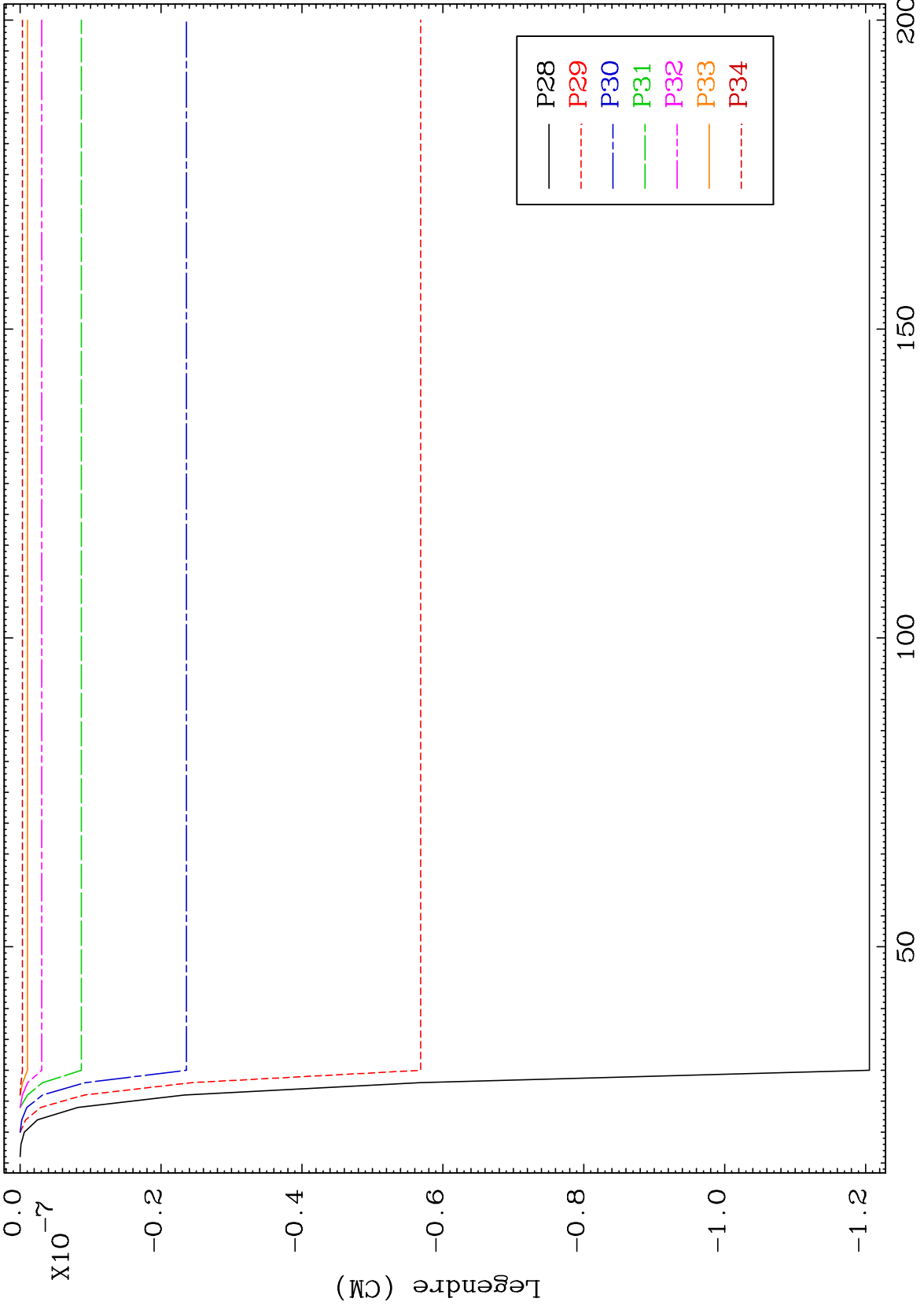
52-Te-131



77

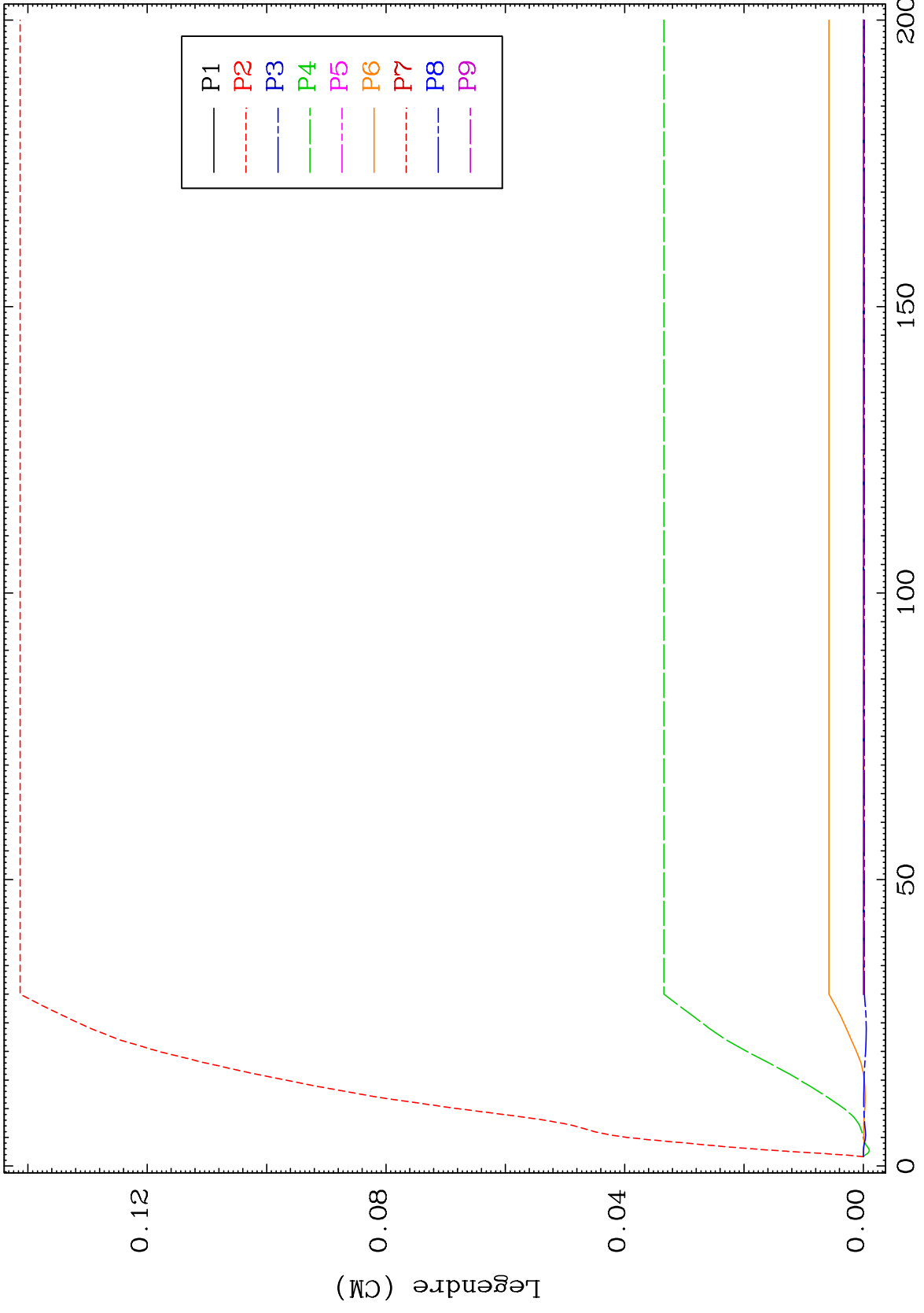
52-Te-131

MAT 5258 MT= 67 (n,n') Level Legendre Coefficients 52-Te-131

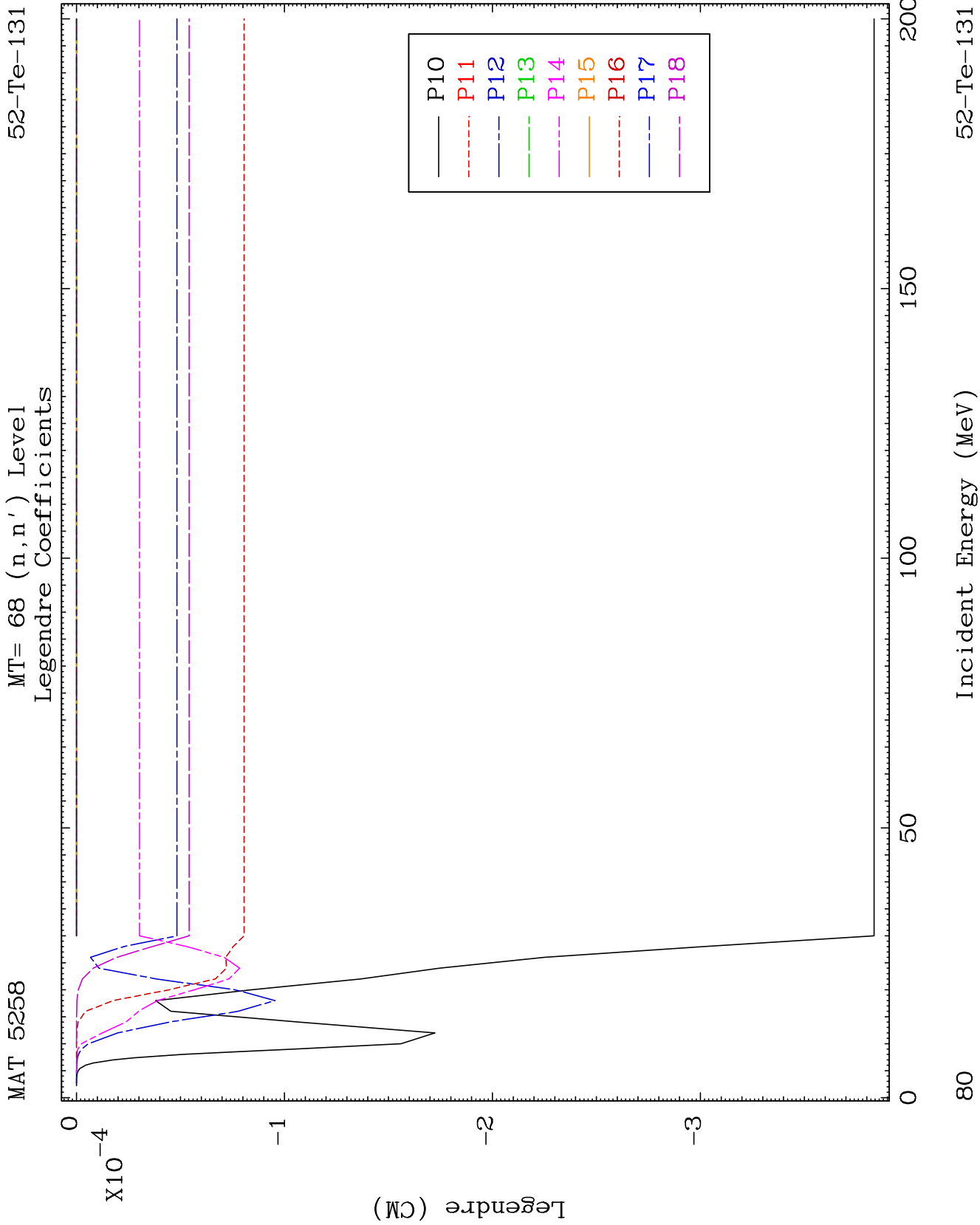


78 Incident Energy (MeV) 52-Te-131

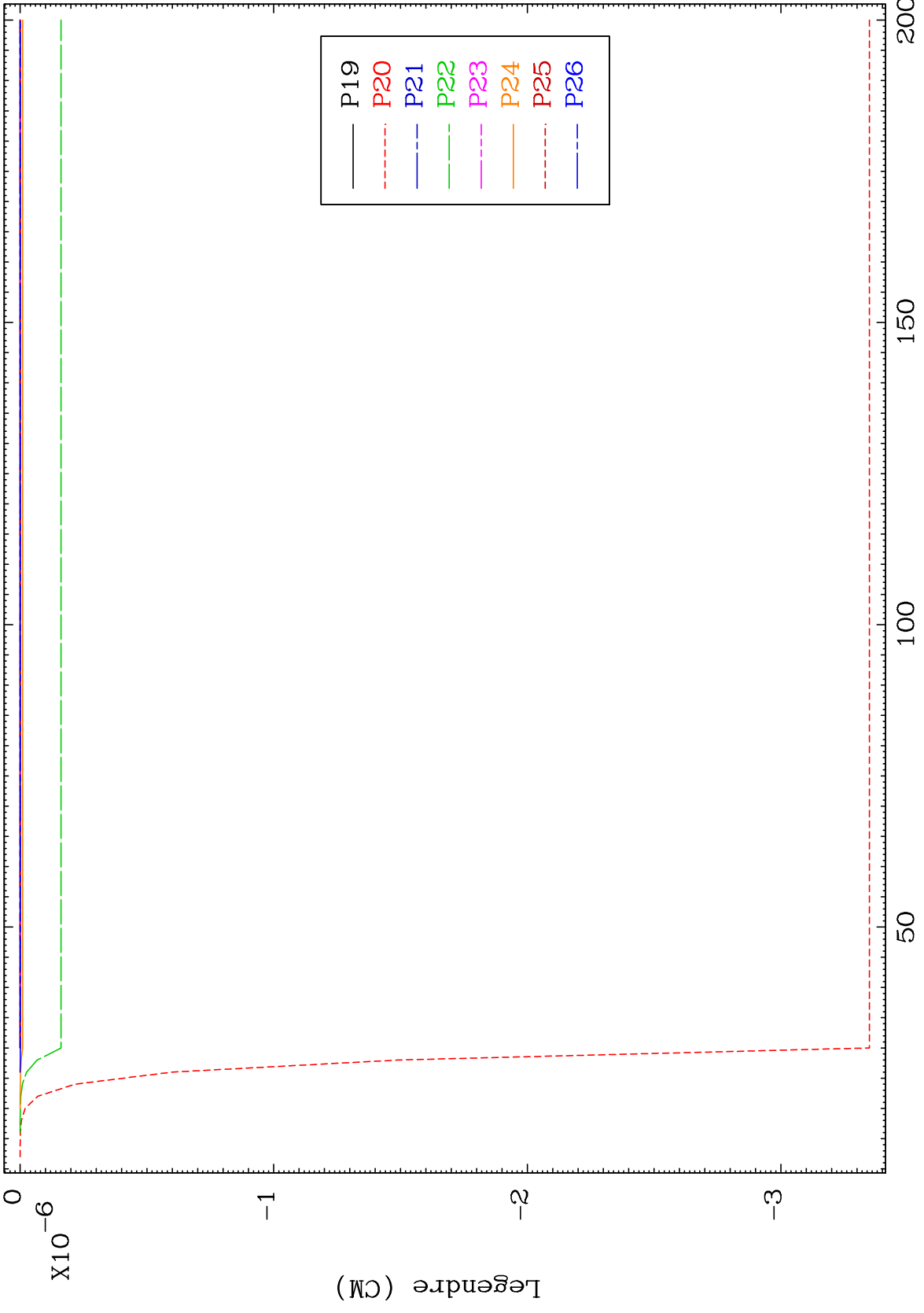
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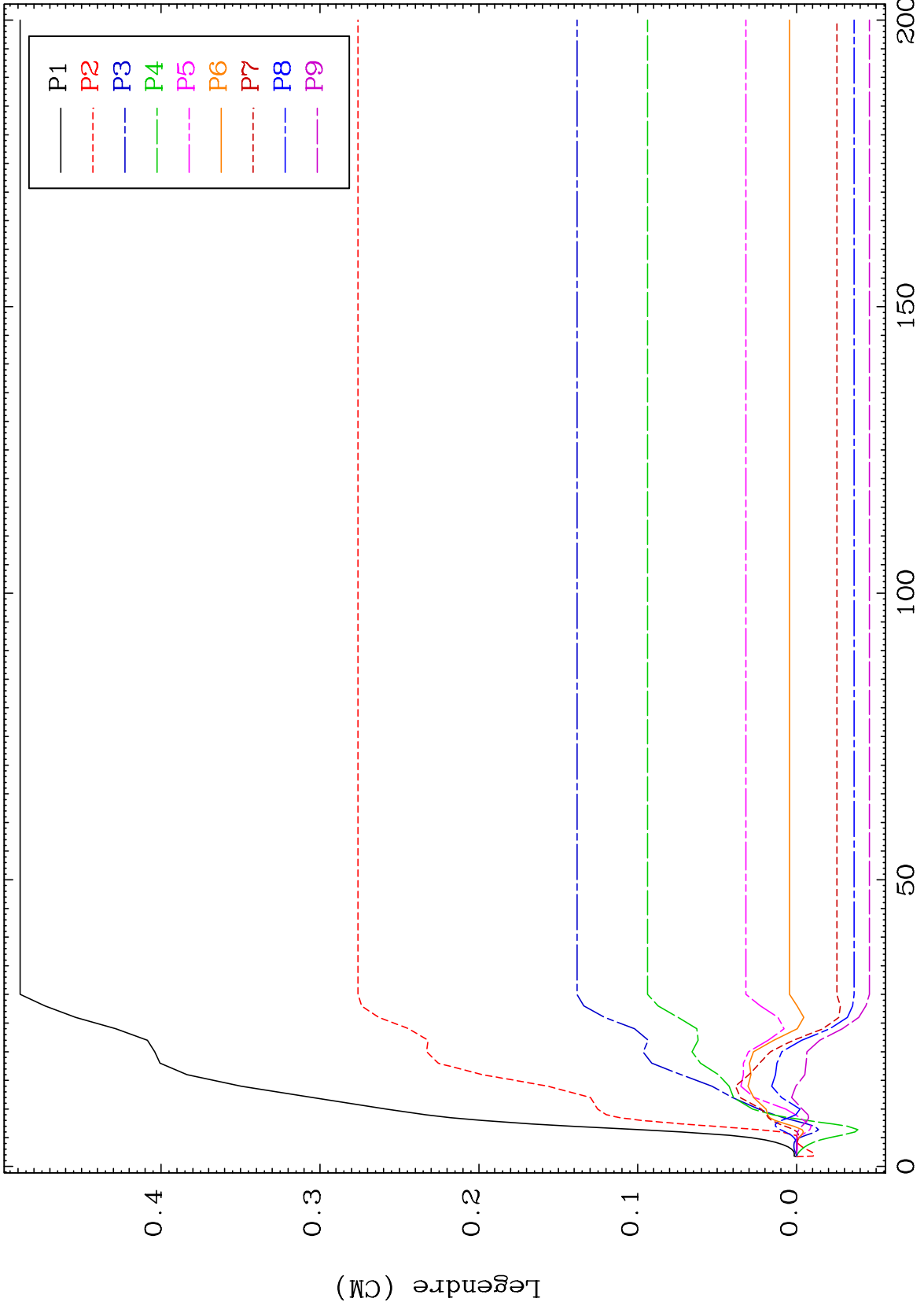
79 52-Te-131



MAT 5258 MT= 68 (n,n') Level Legendre Coefficients 52-Te-131



MAT 5258 MT= 69 (n,n') Level Legendre Coefficients 52-Te-131

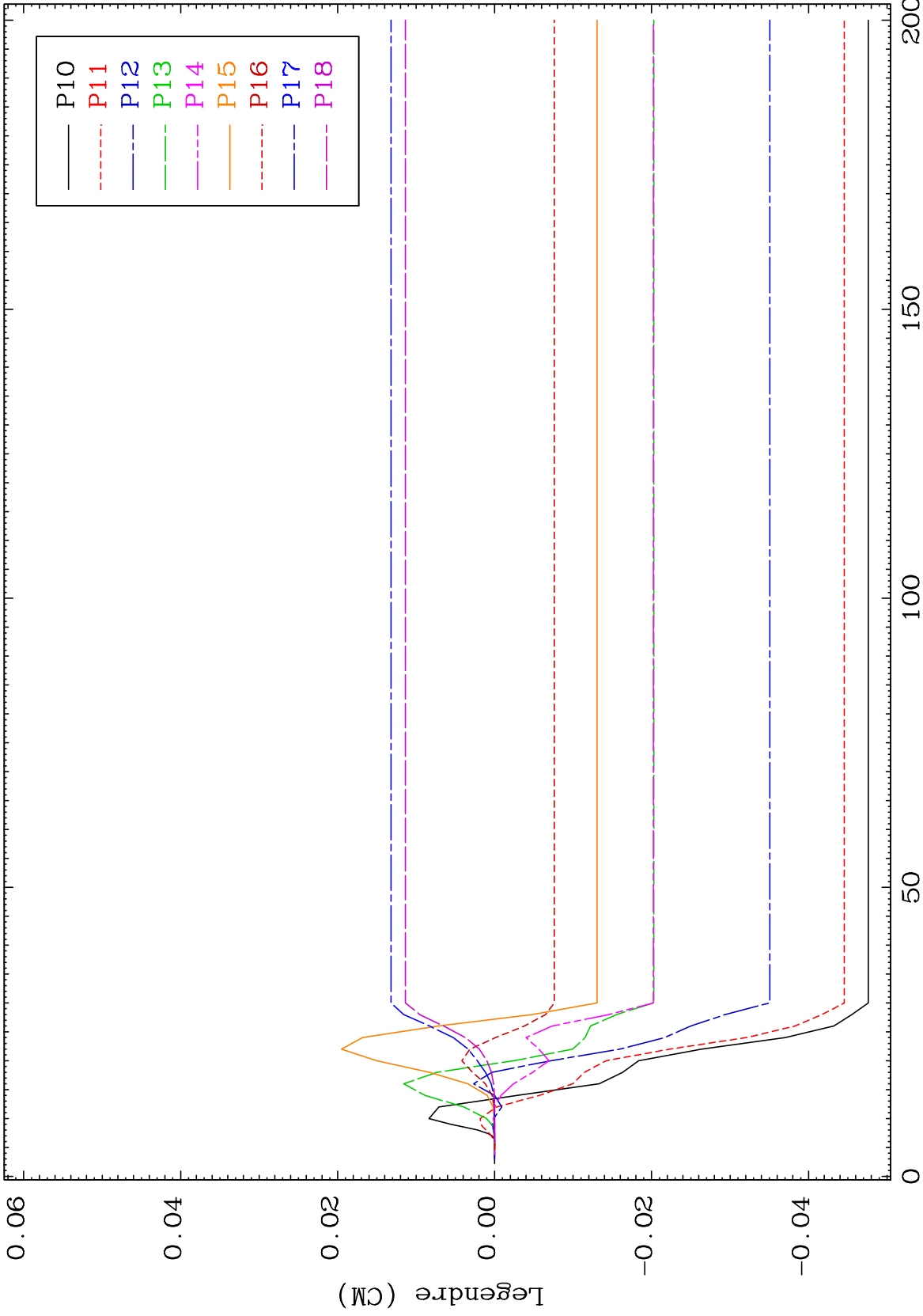


82 52-Te-131

MAT 5258

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

52-Te-131

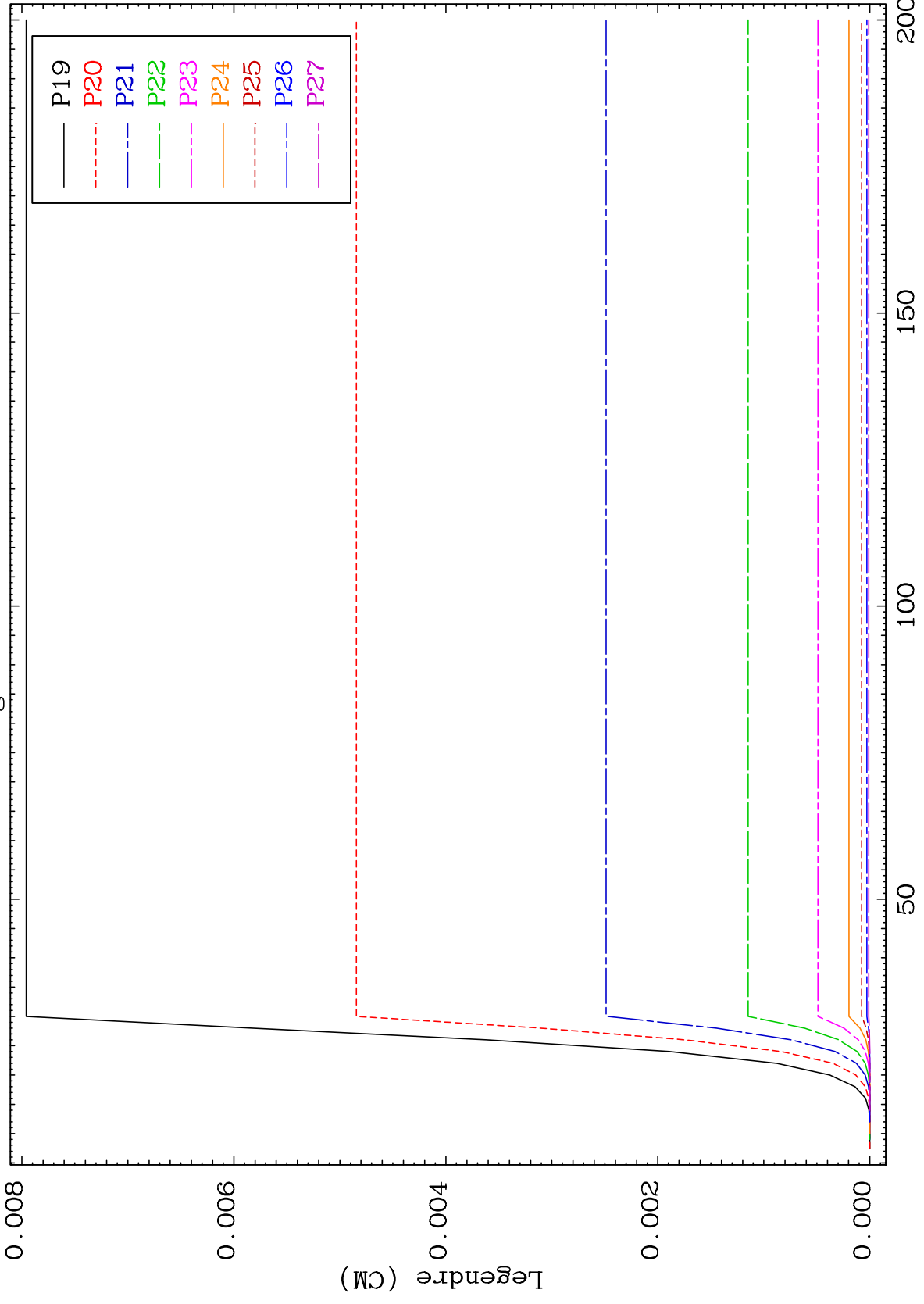


83

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 69 (n,n') Level Legendre Coefficients 52-Te-131

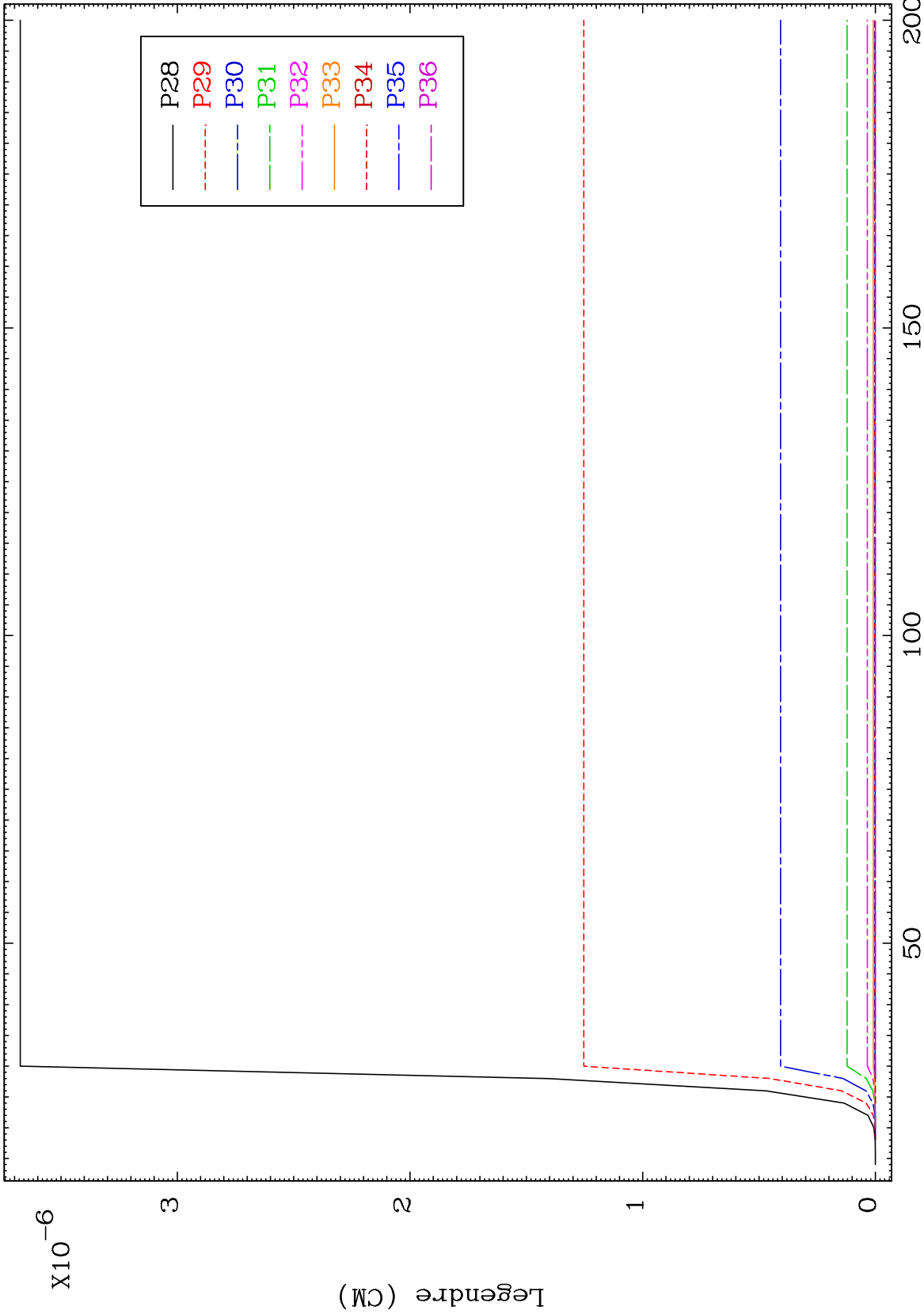


84 52-Te-131

MAT 5258

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

52-Te-131

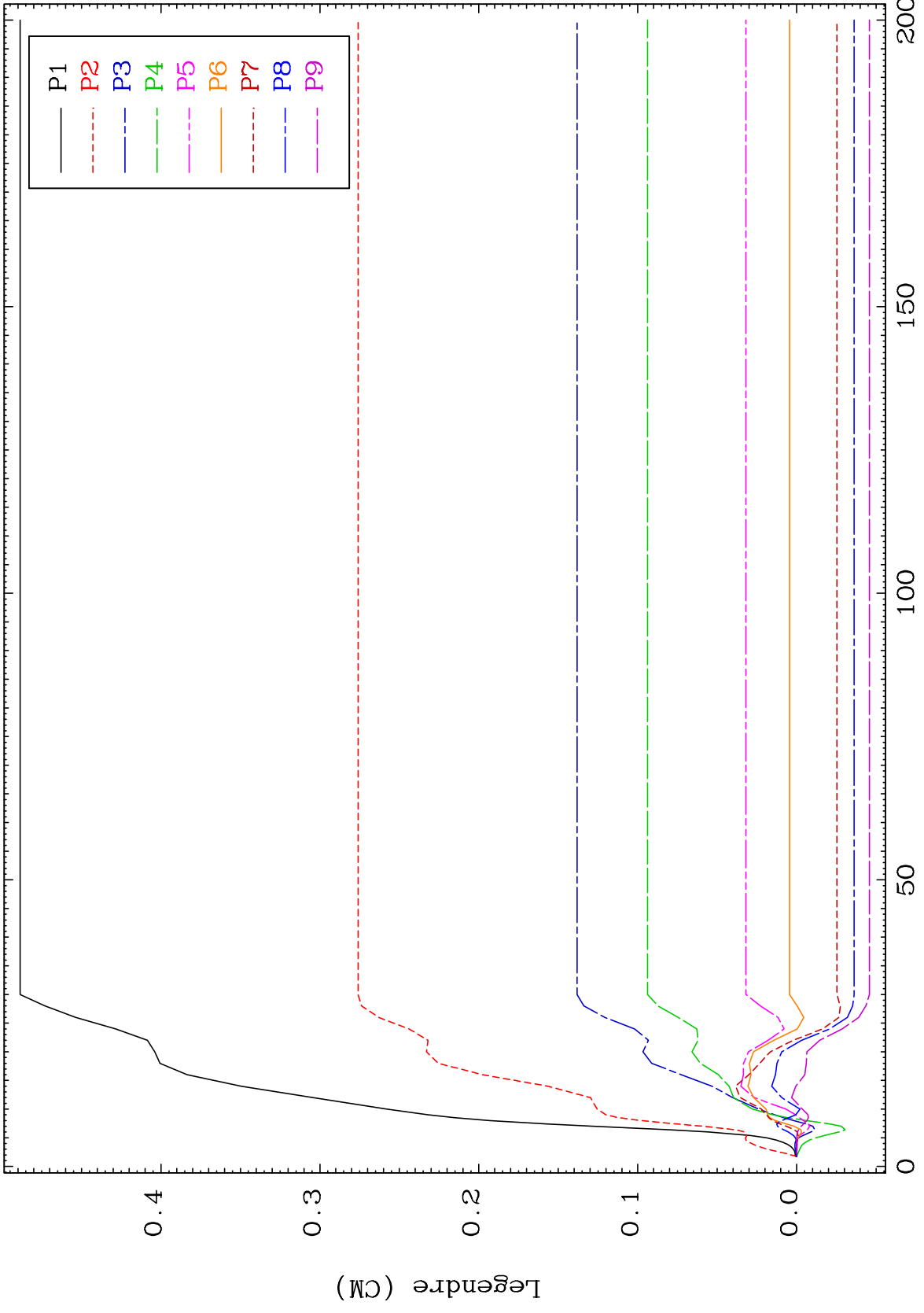


85

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 70 (n,n') Level Legendre Coefficients 52-Te-131

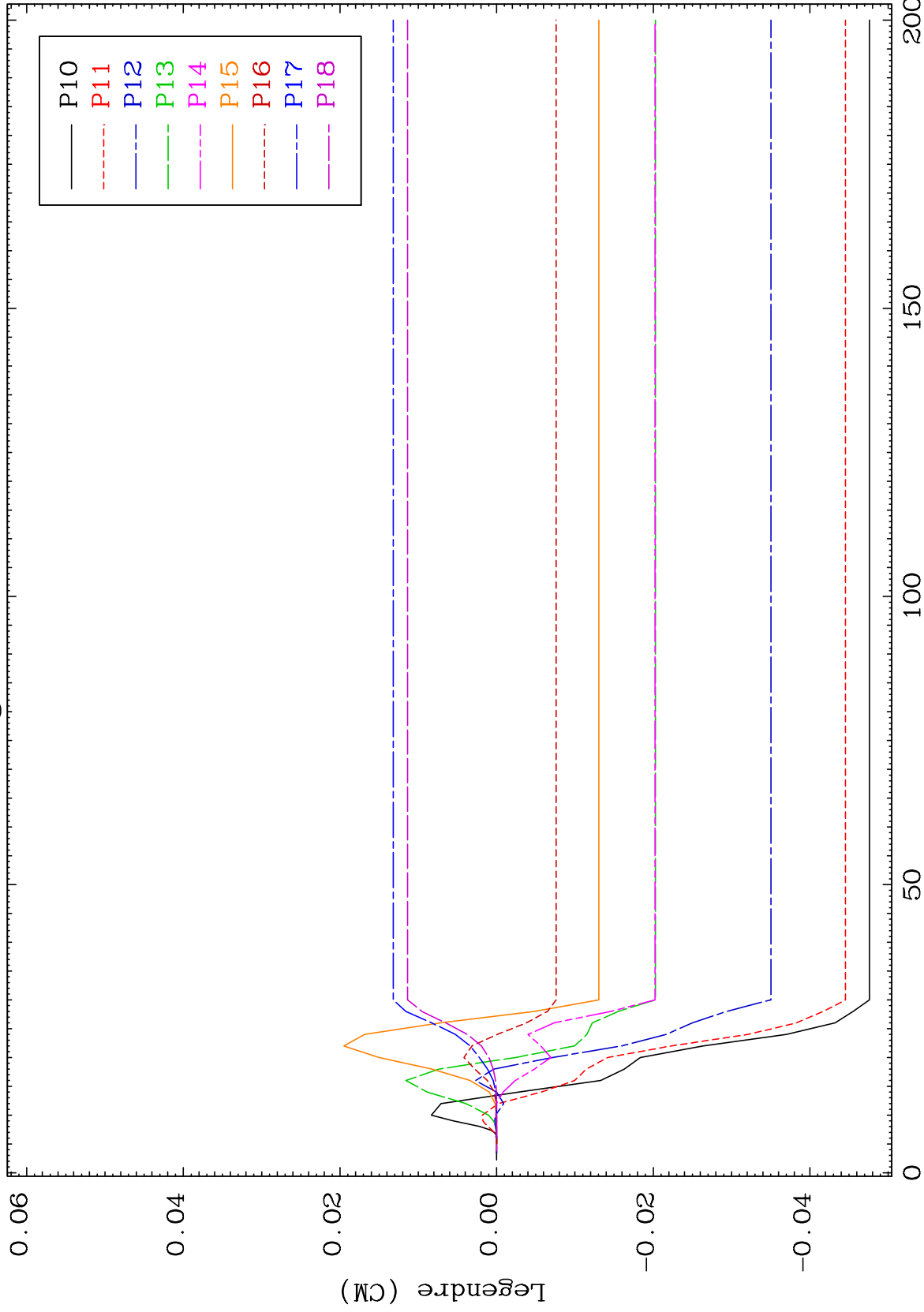


86 Incident Energy (MeV) 52-Te-131

MAT 5258

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

52-Te-131

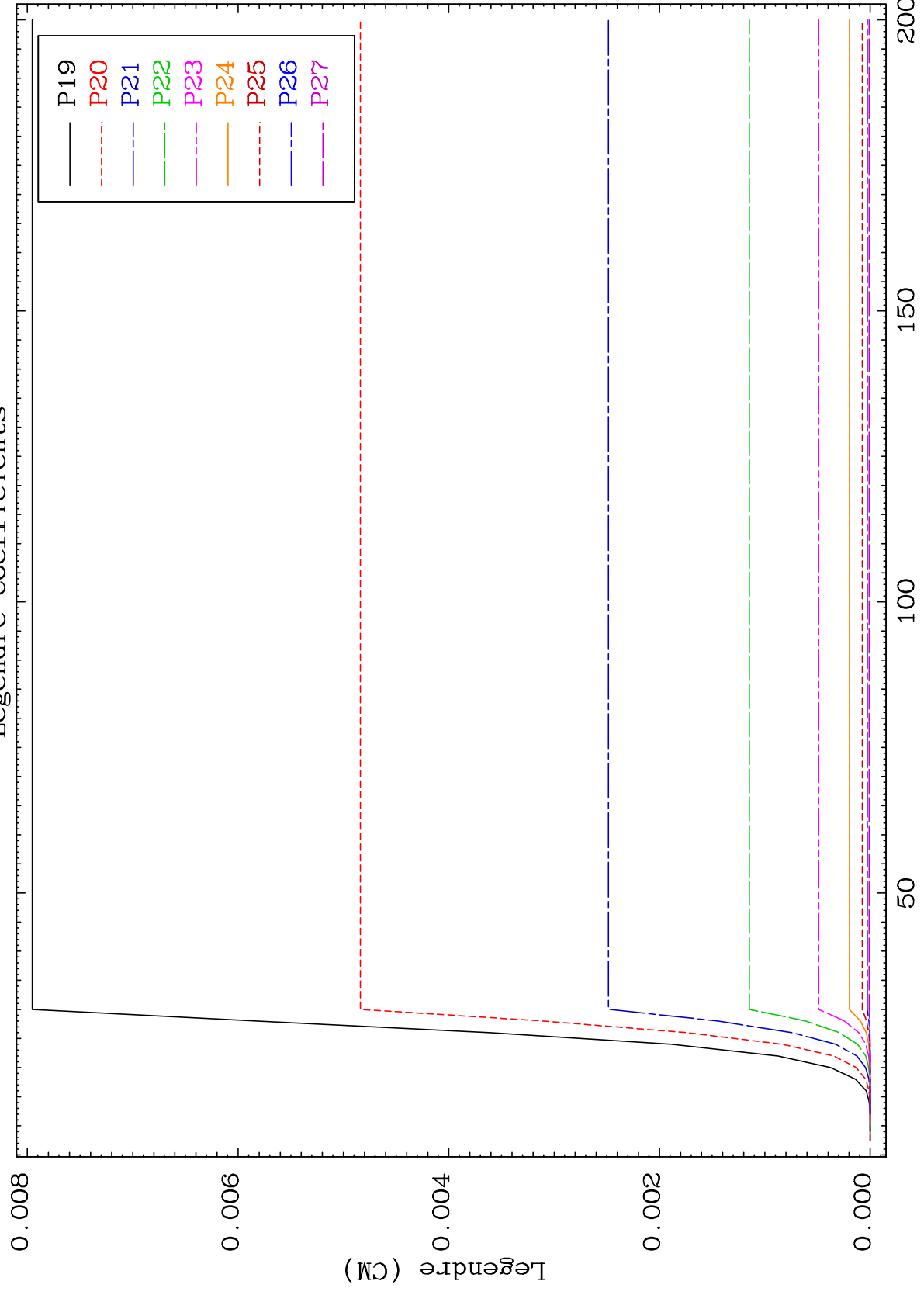


87

Incident Energy (MeV)

52-Te-131

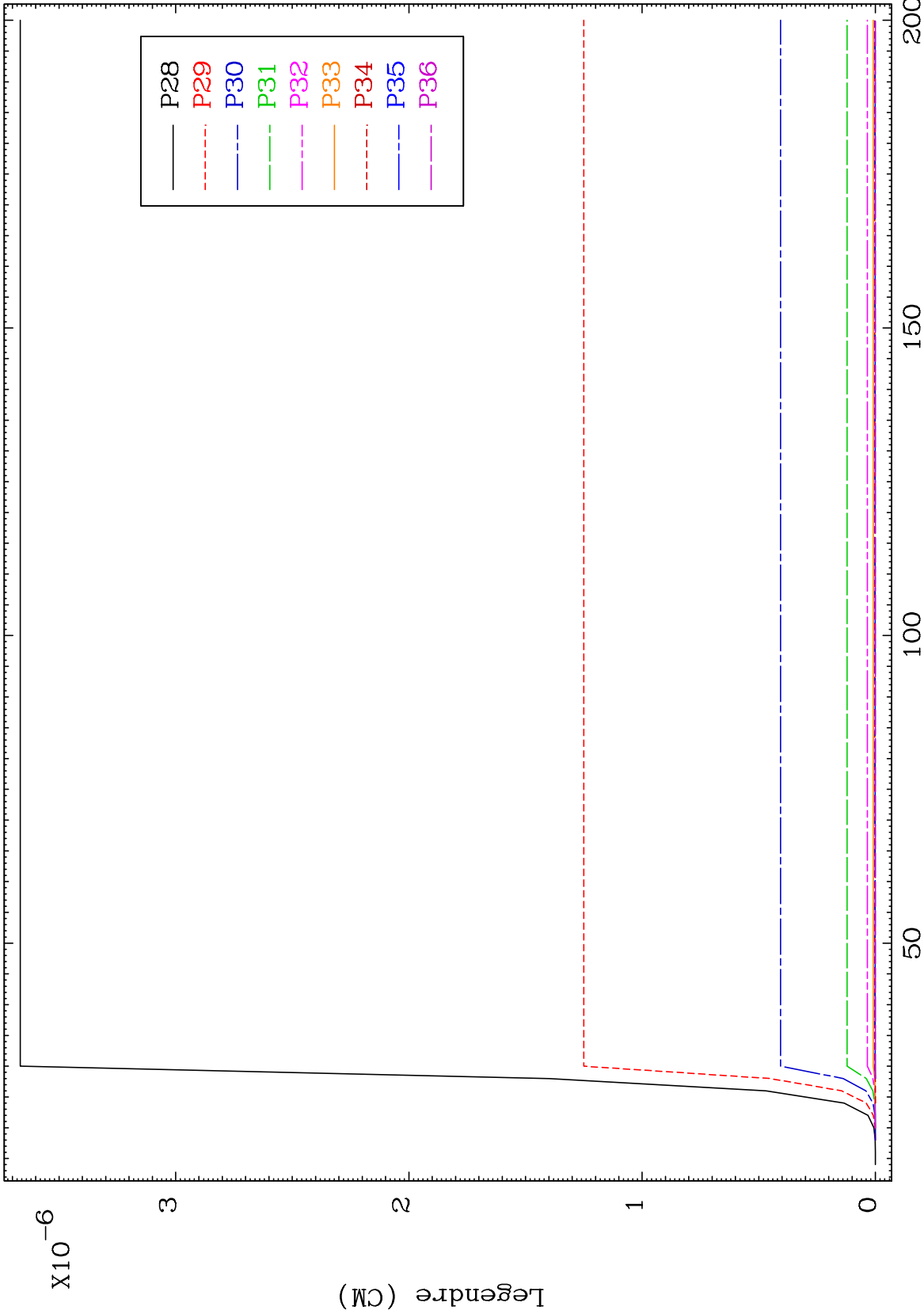
MAT 5258 MT= 70 (n,n') Level Legendre Coefficients 52-Te-131



MAT 5258

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

52-Te-131



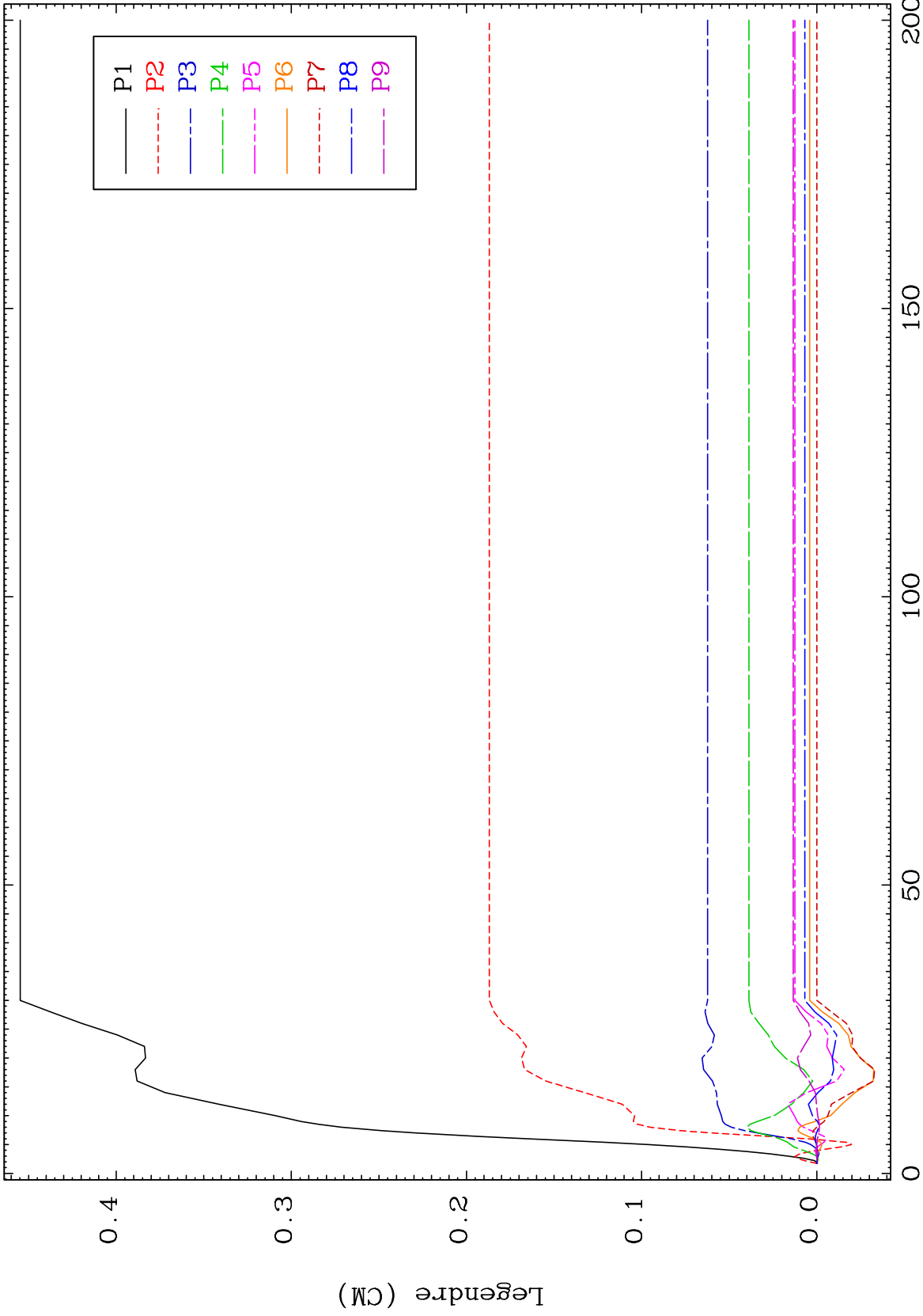
89

52-Te-131

MAT 5258

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

52-Te-131



90

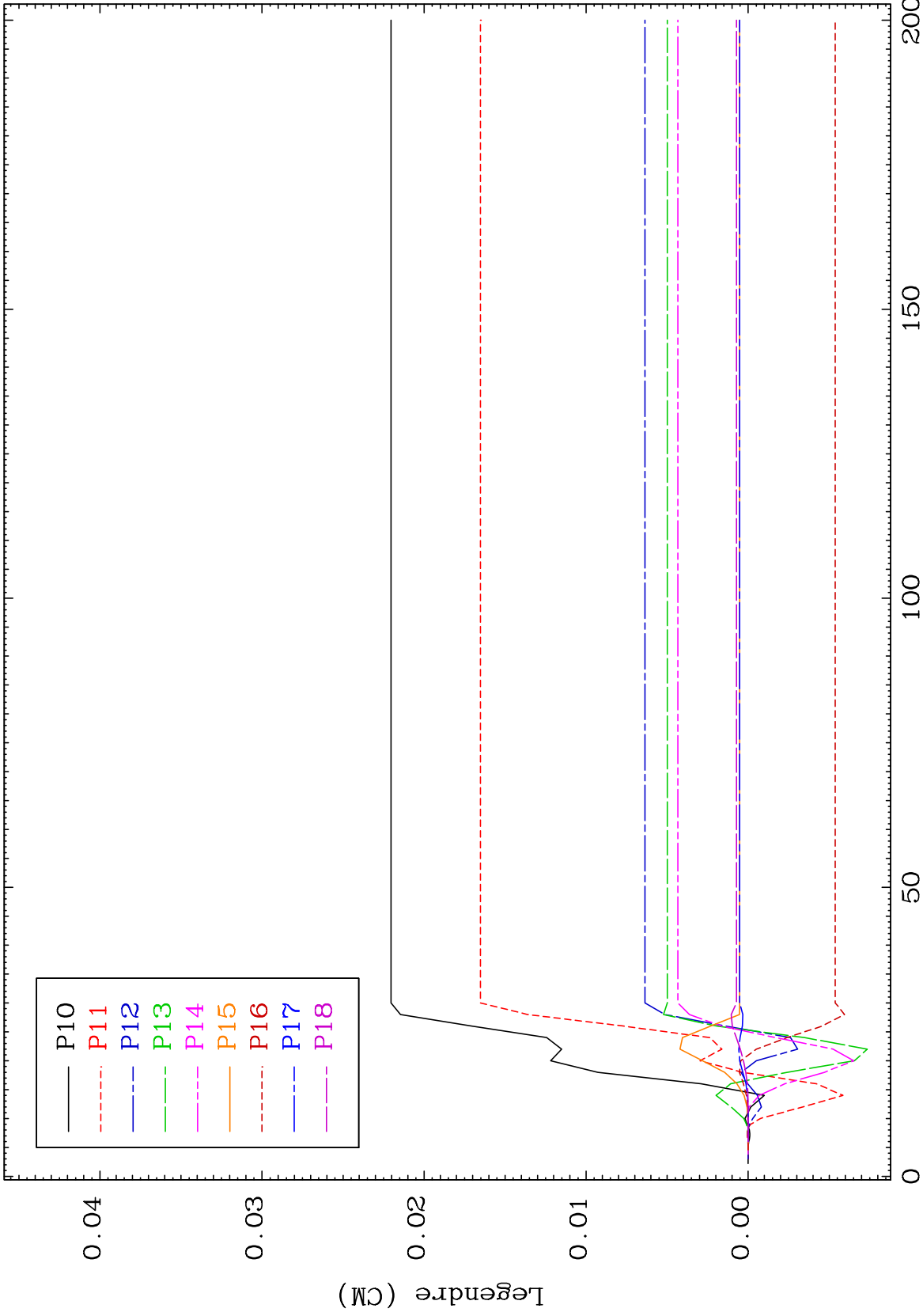
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



91

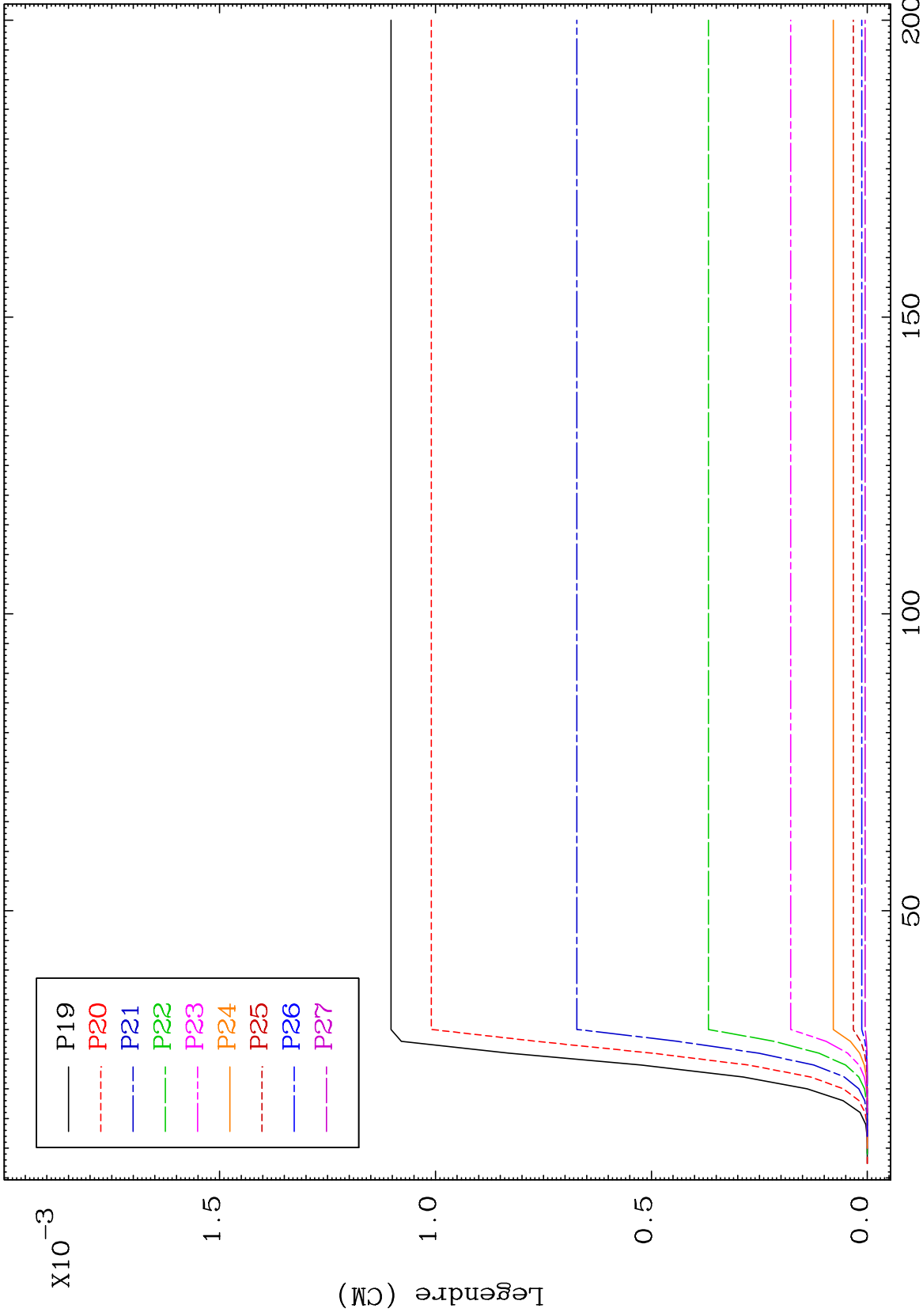
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



92

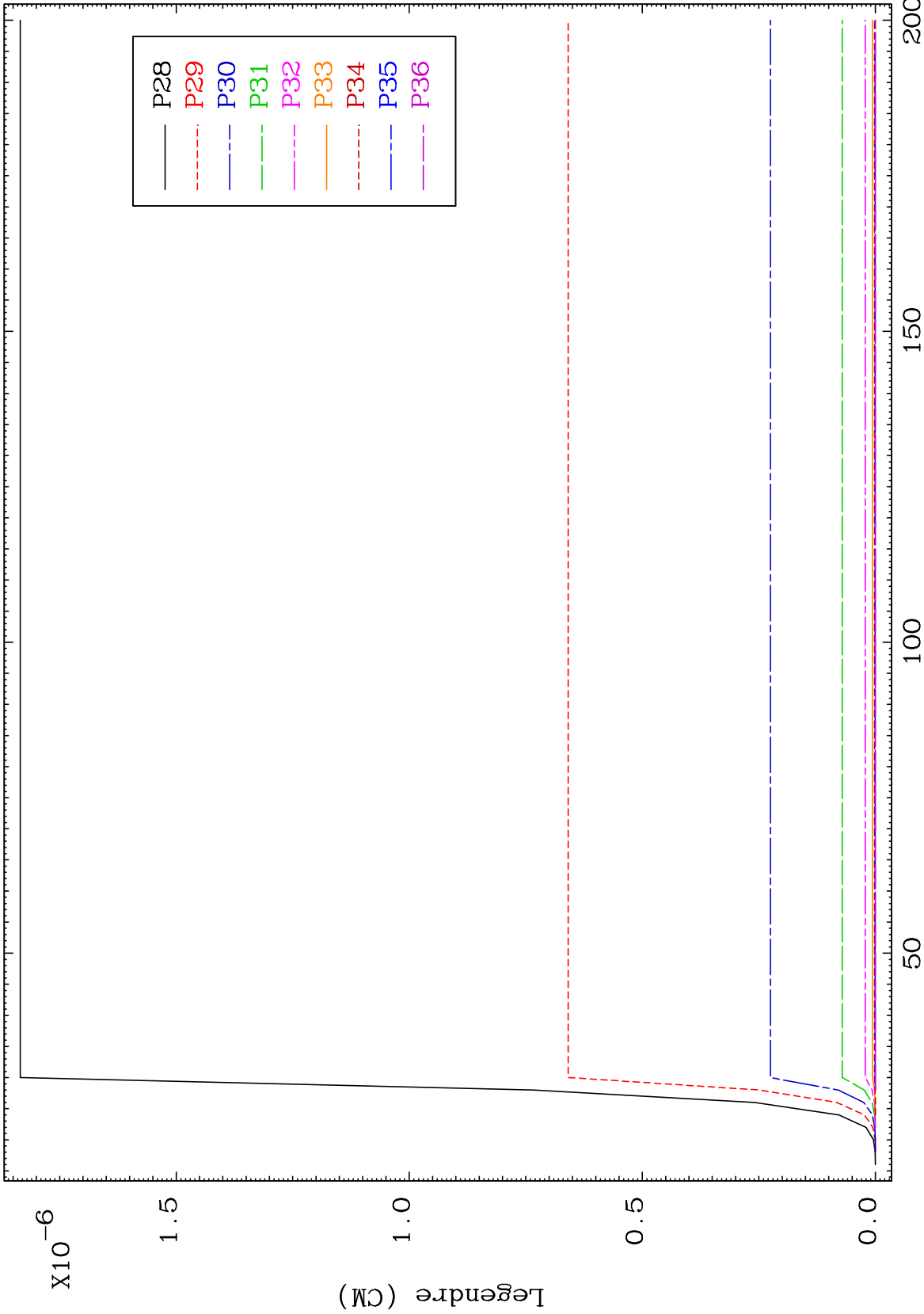
Incident Energy (MeV)

52-Te-131

MAT 5258

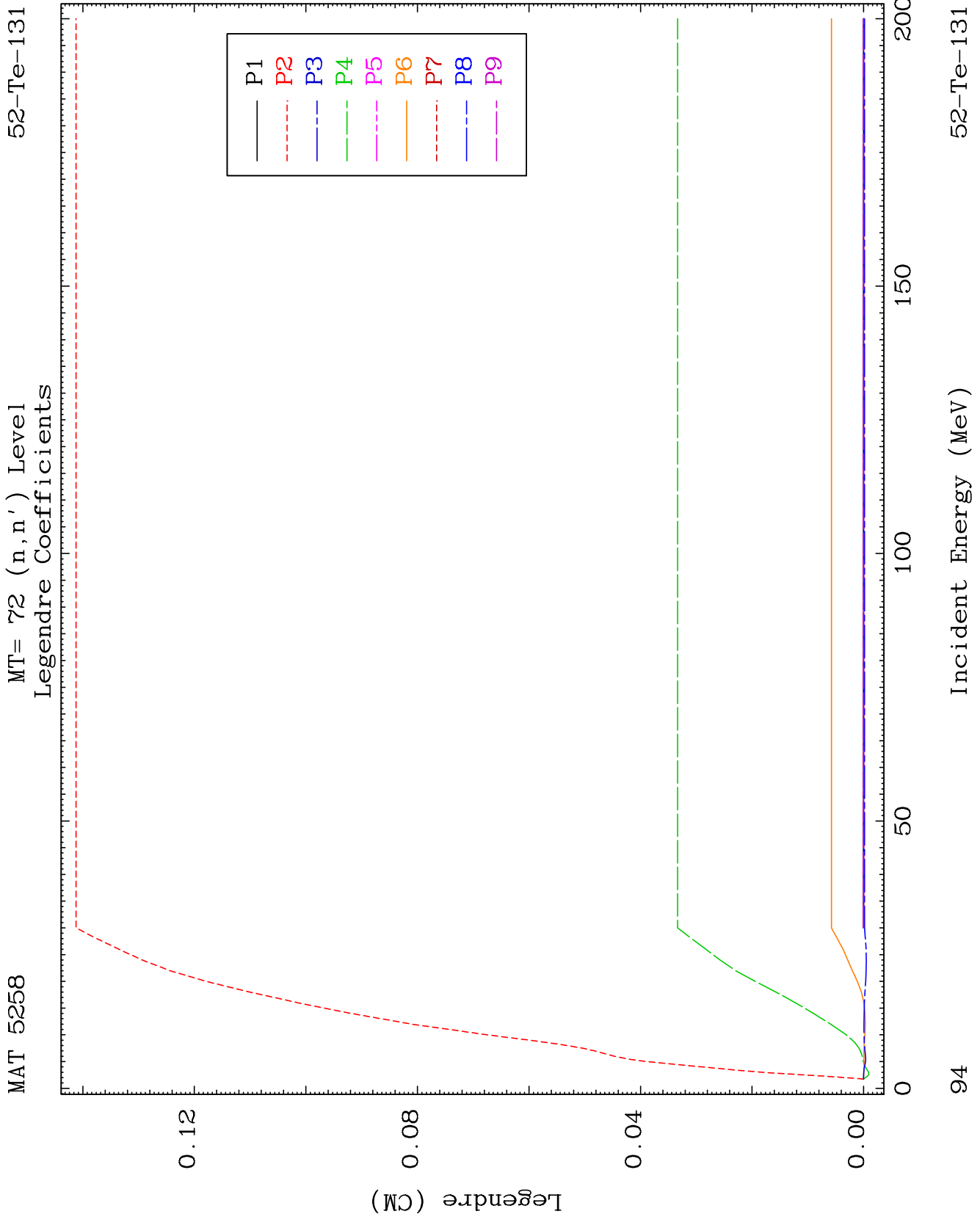
MT= 71 (n,n') Level
Legendre Coefficients

52-Te-131

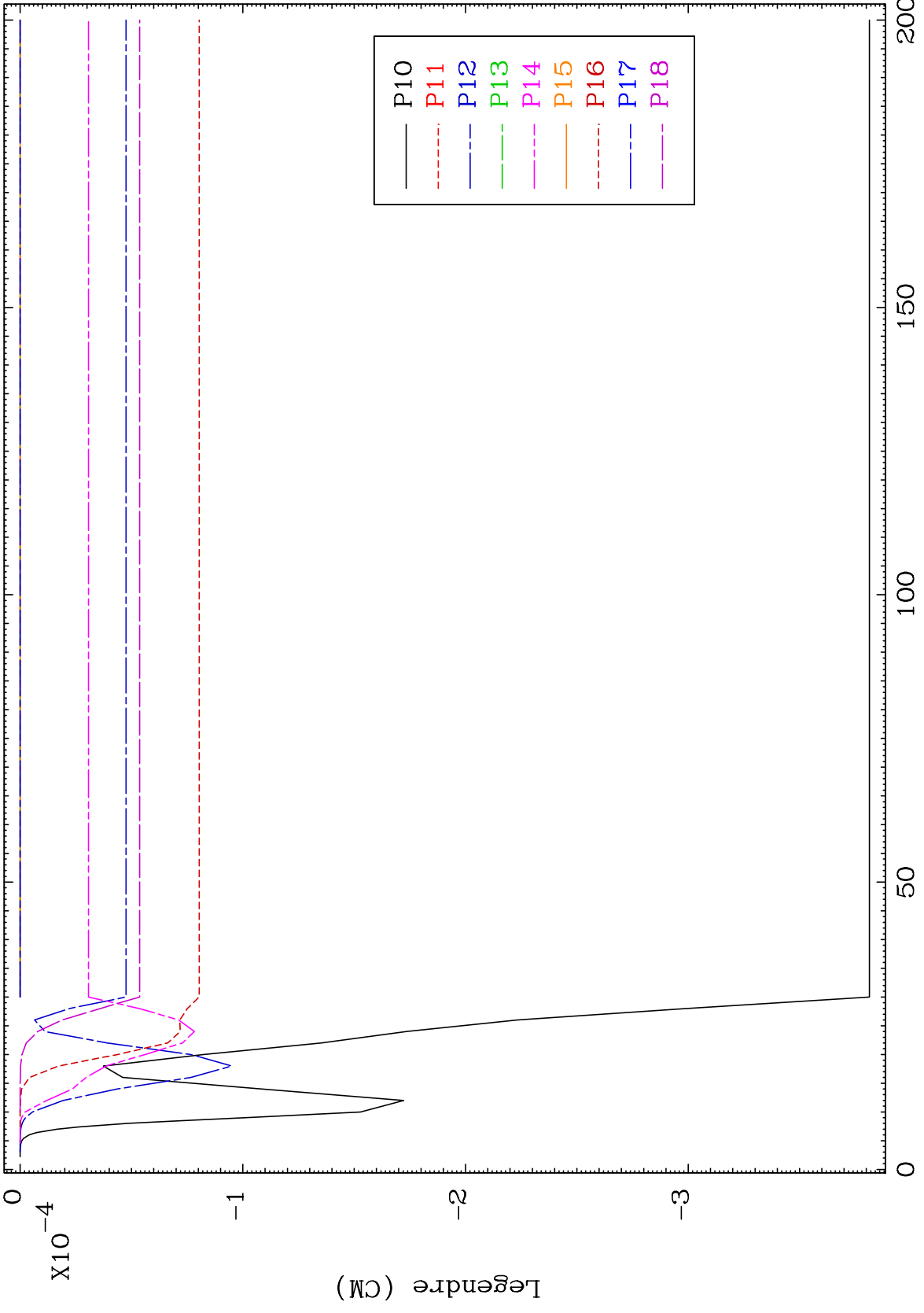


93

52-Te-131

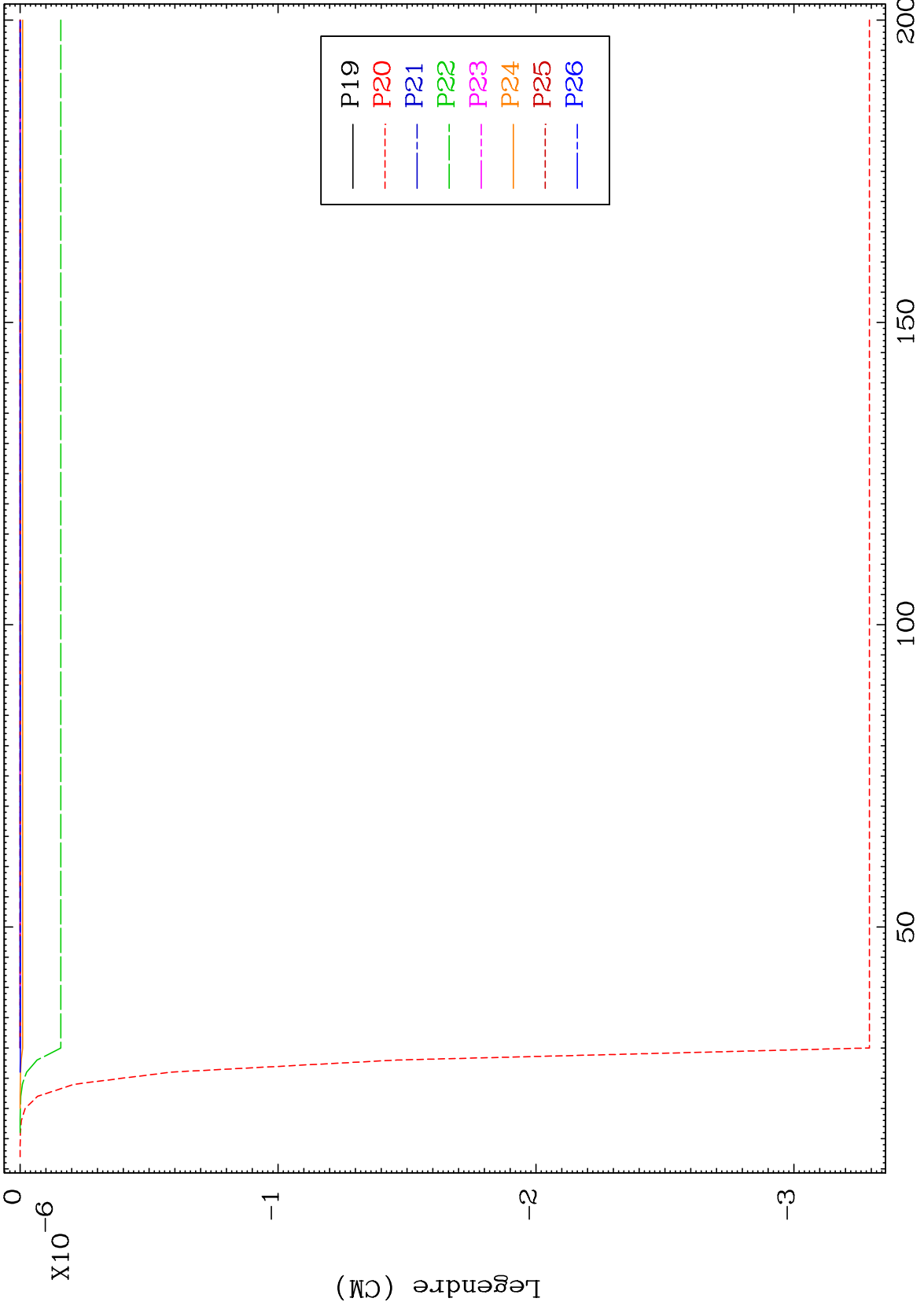


MAT 5258 MT= 72 (n,n') Level Legendre Coefficients 52-Te-131



95 52-Te-131

MAT 5258 MT= 72 (n,n') Level Legendre Coefficients 52-Te-131

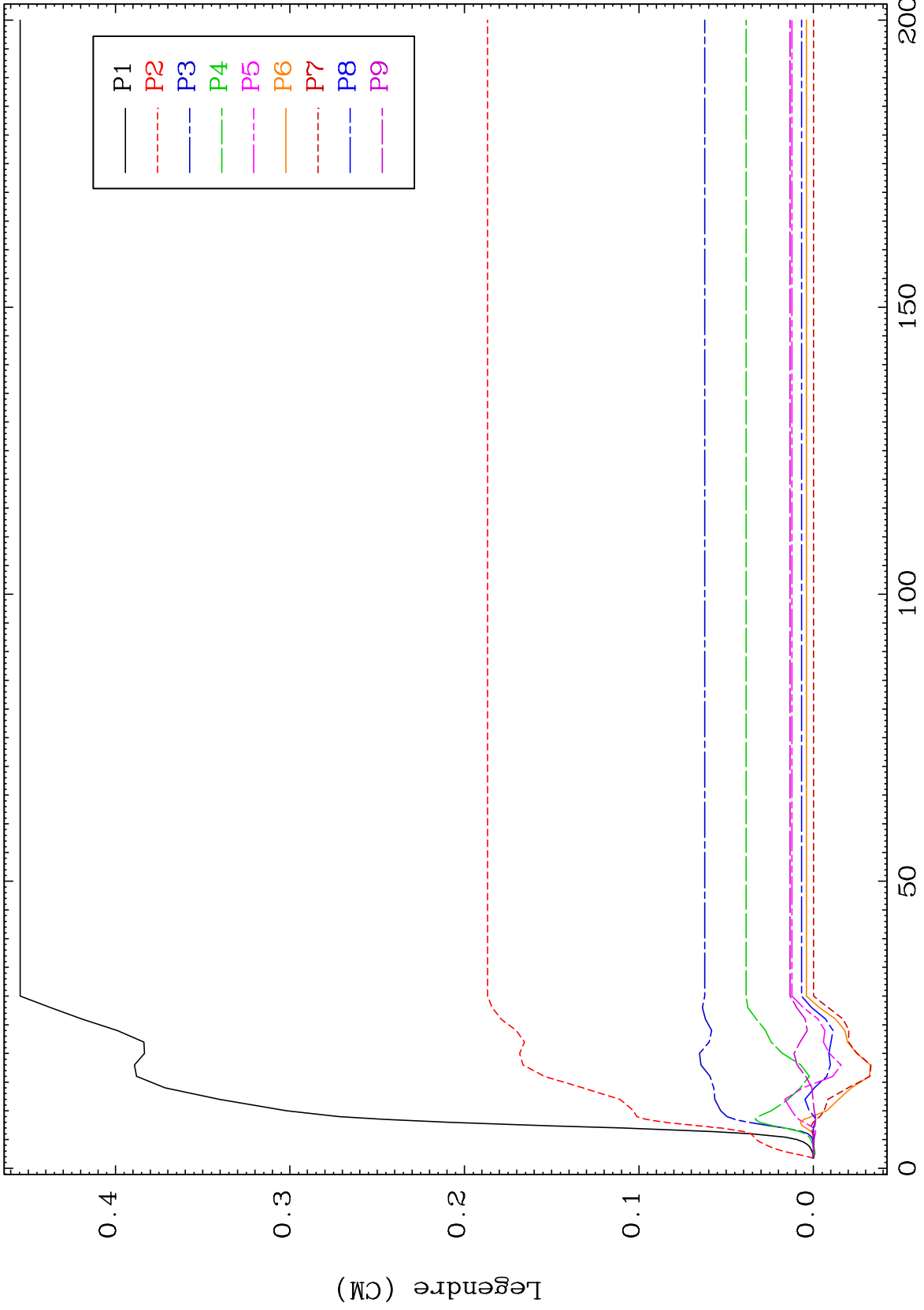


96 52-Te-131

MAT 5258

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

52-Te-131



97

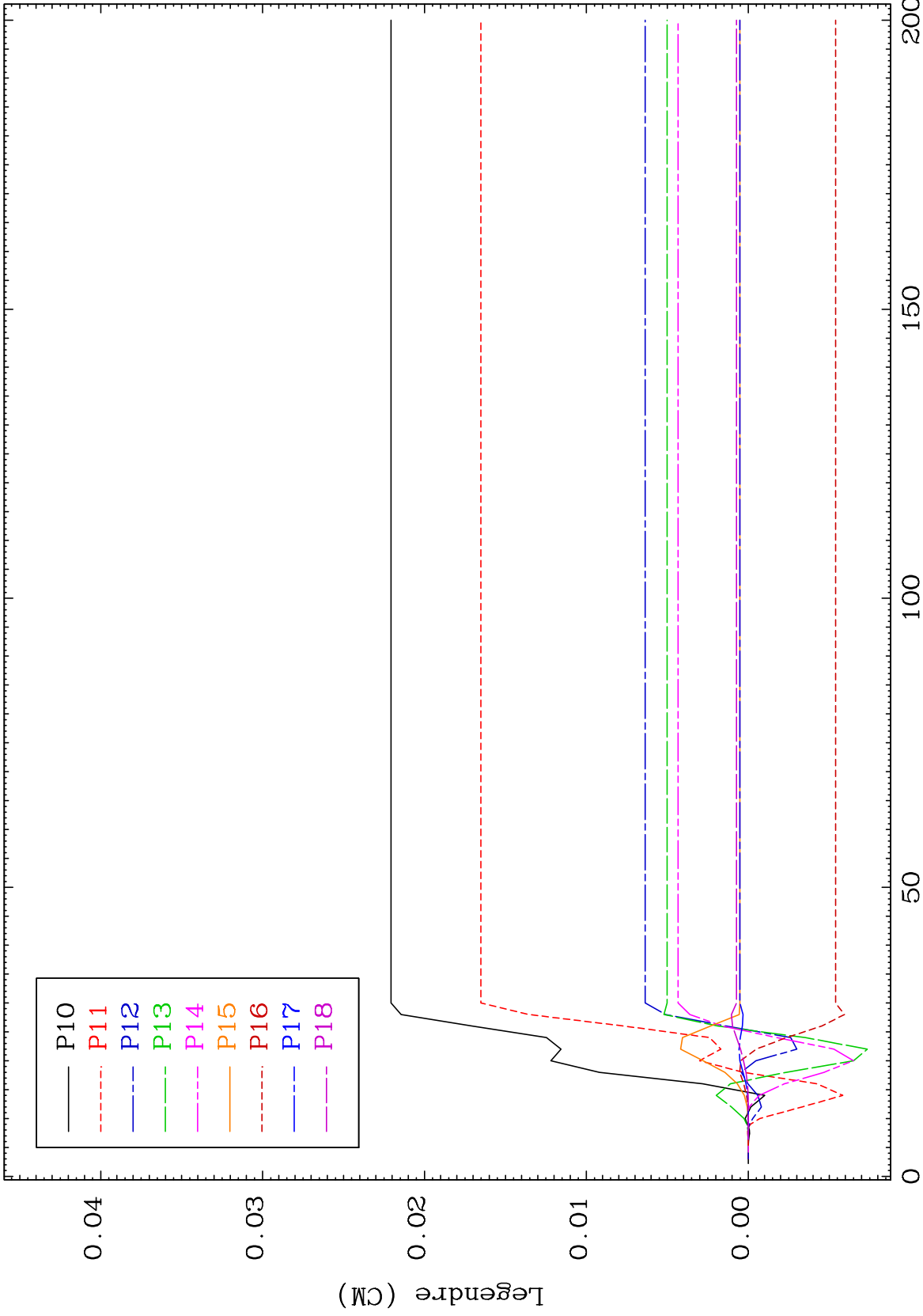
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



98

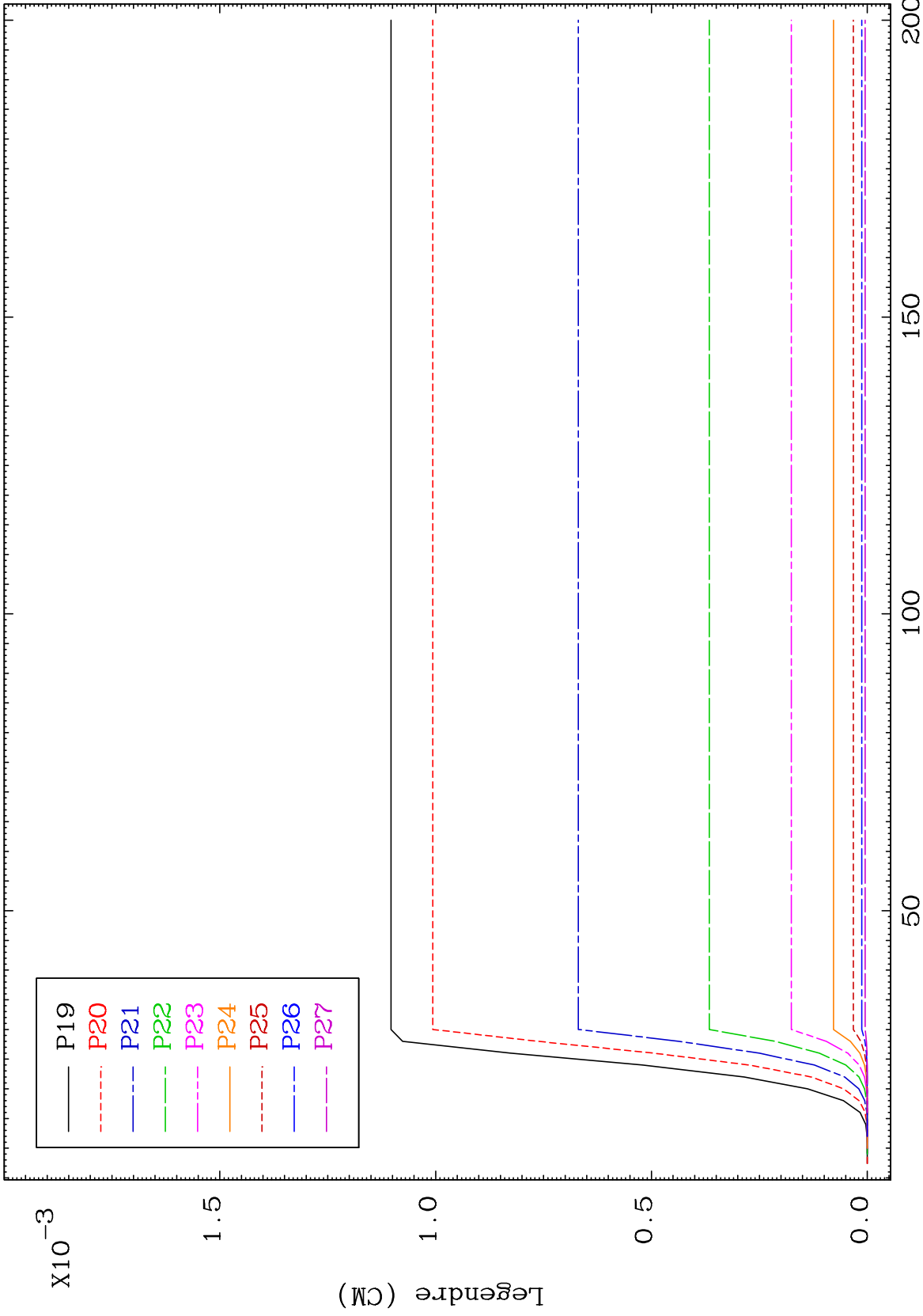
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



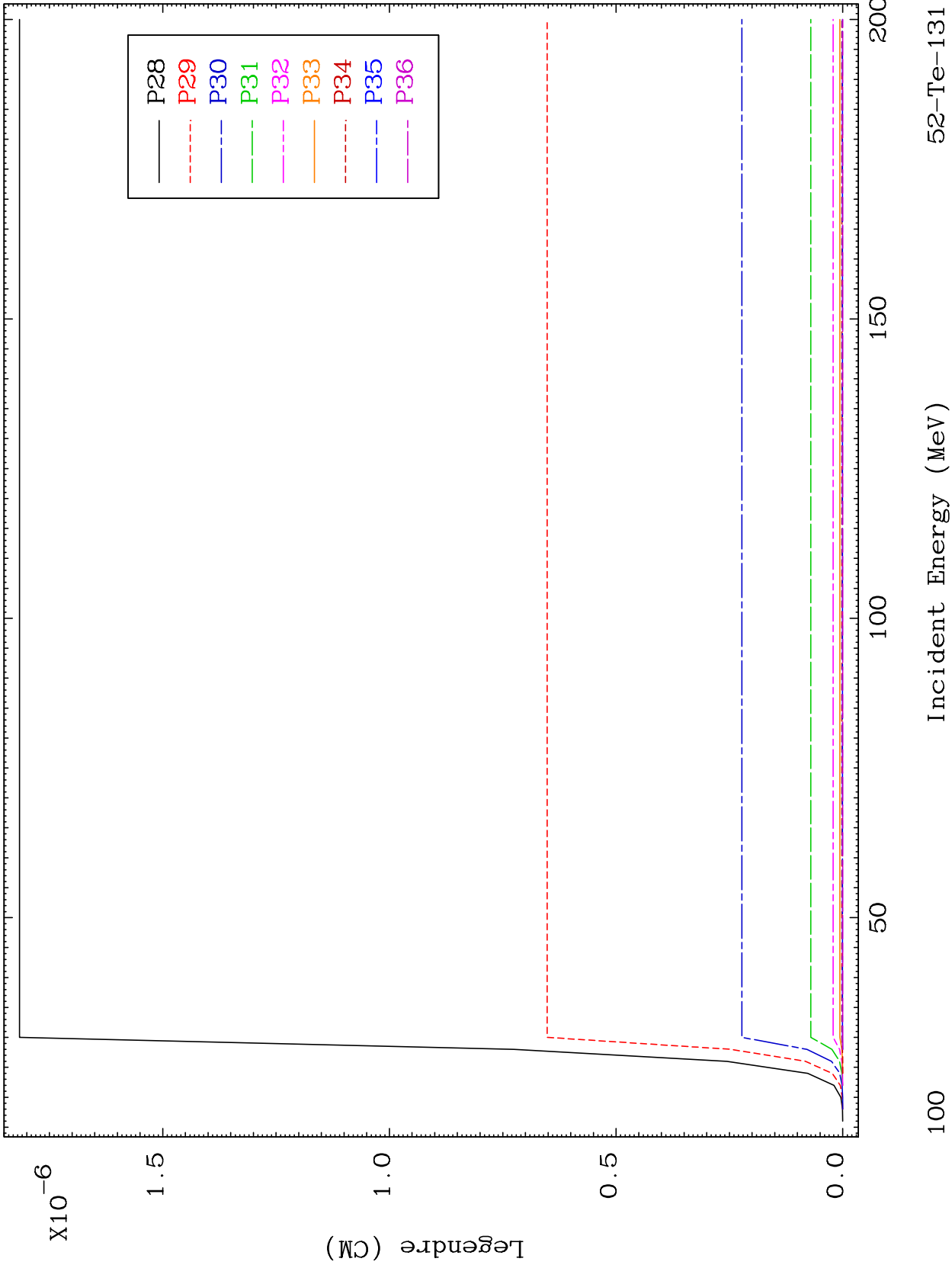
99

52-Te-131

MAT 5258

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

52-Te-131

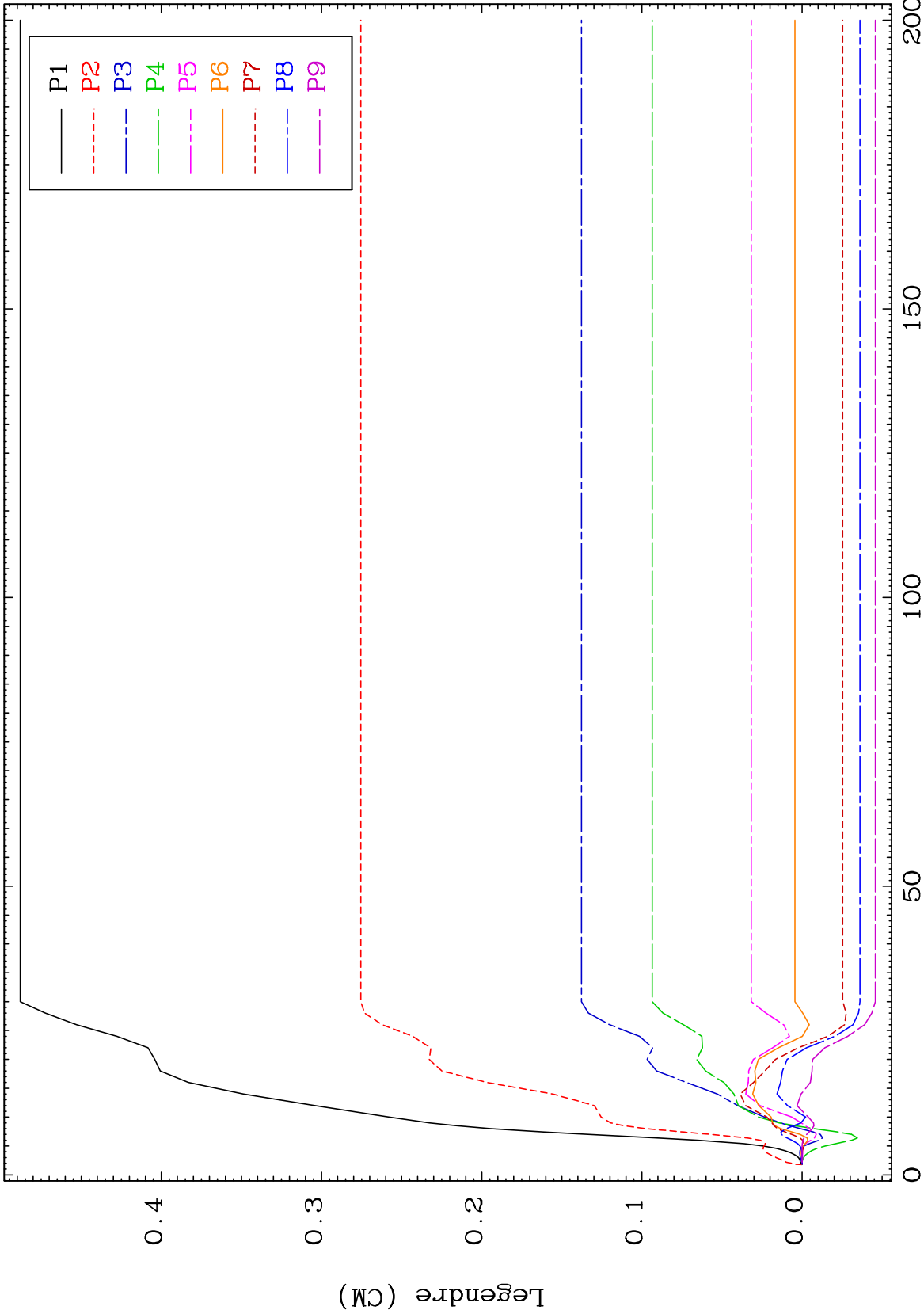


52-Te-131

MAT 5258

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

52-Te-131



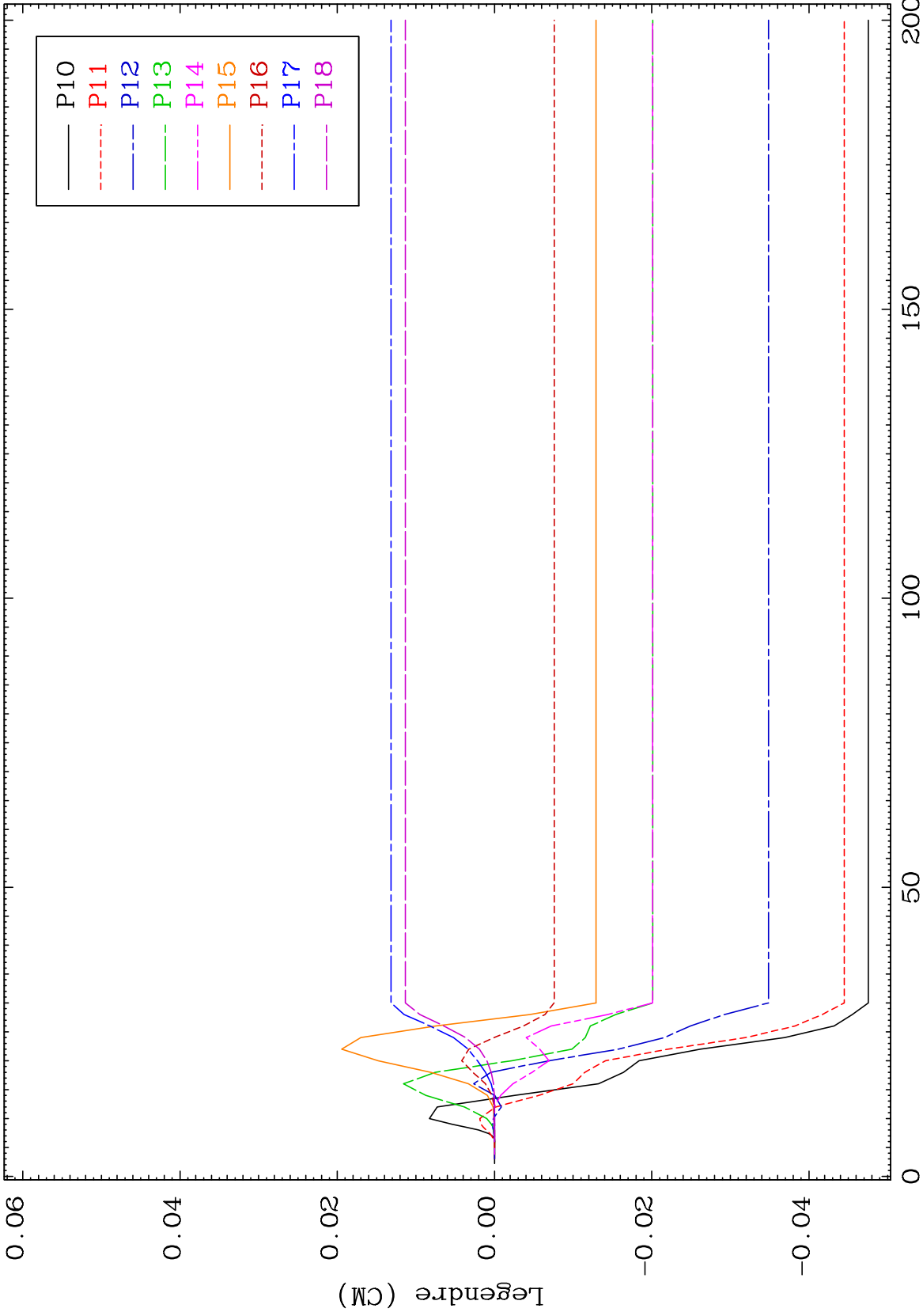
101

52-Te-131

MAT 5258

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

52-Te-131

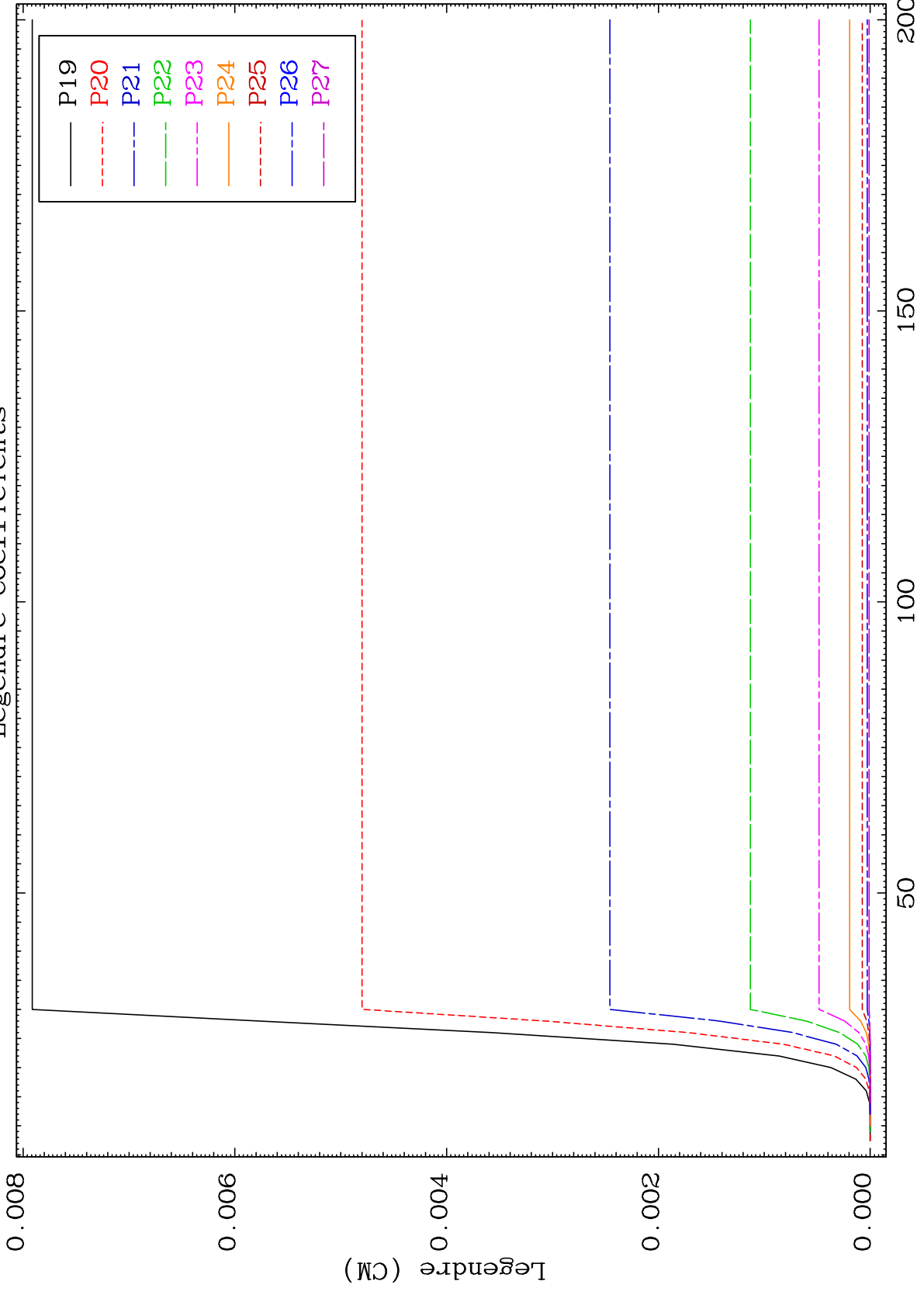


102

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 74 (n,n') Level Legendre Coefficients 52-Te-131

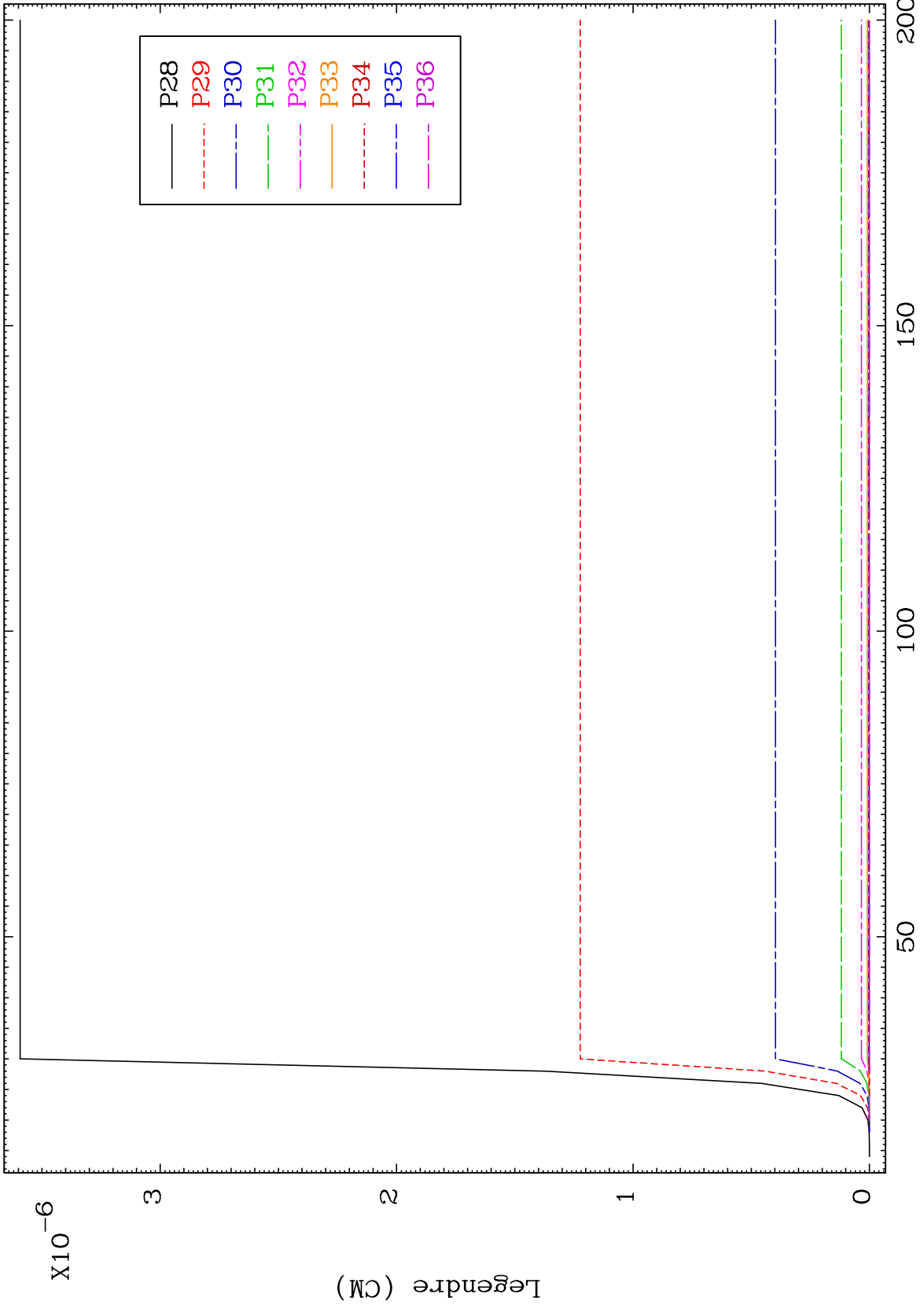


103 Incident Energy (MeV) 52-Te-131

MAT 5258

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

52-Te-131

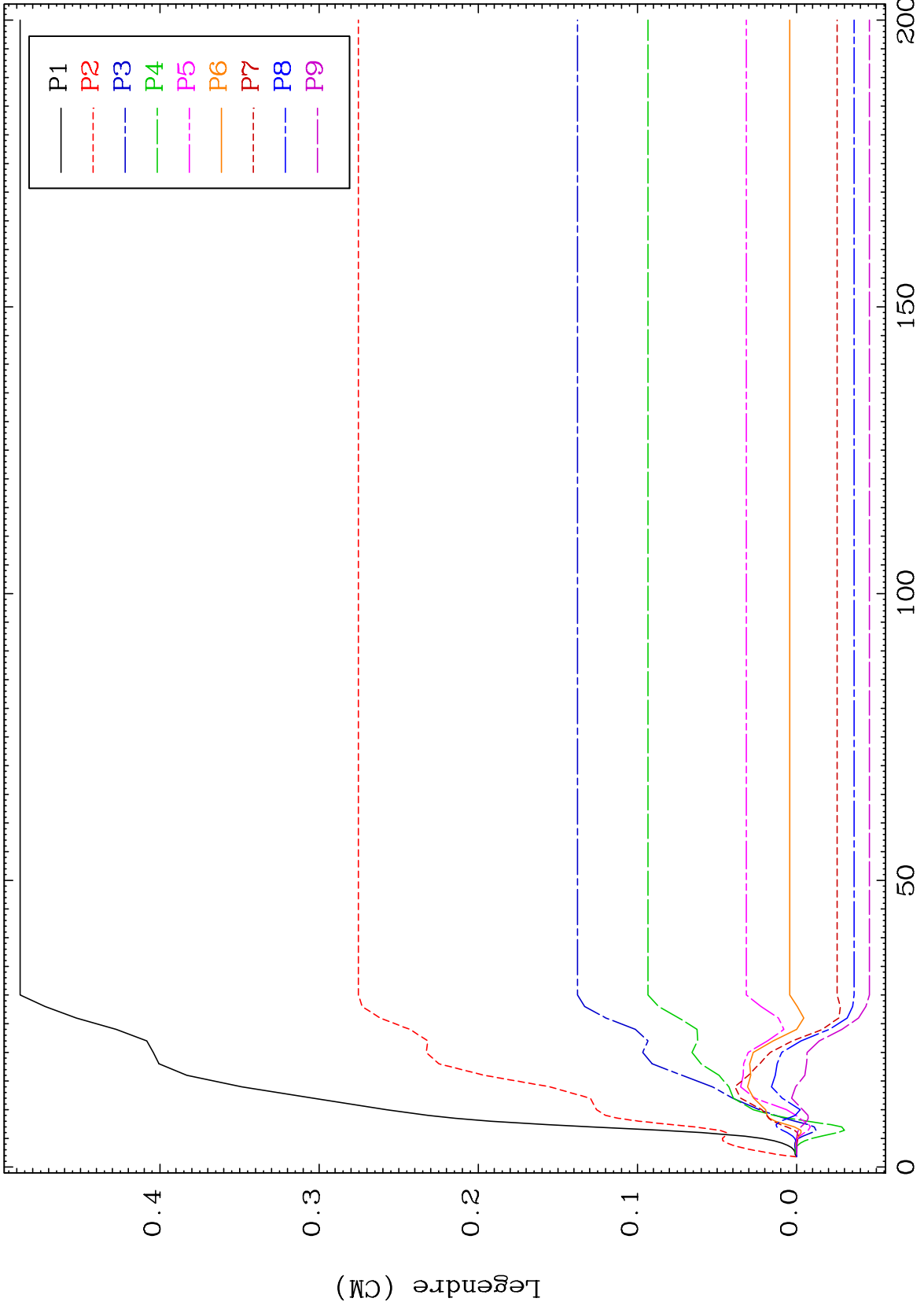


104

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 75 (n,n') Level Legendre Coefficients 52-Te-131

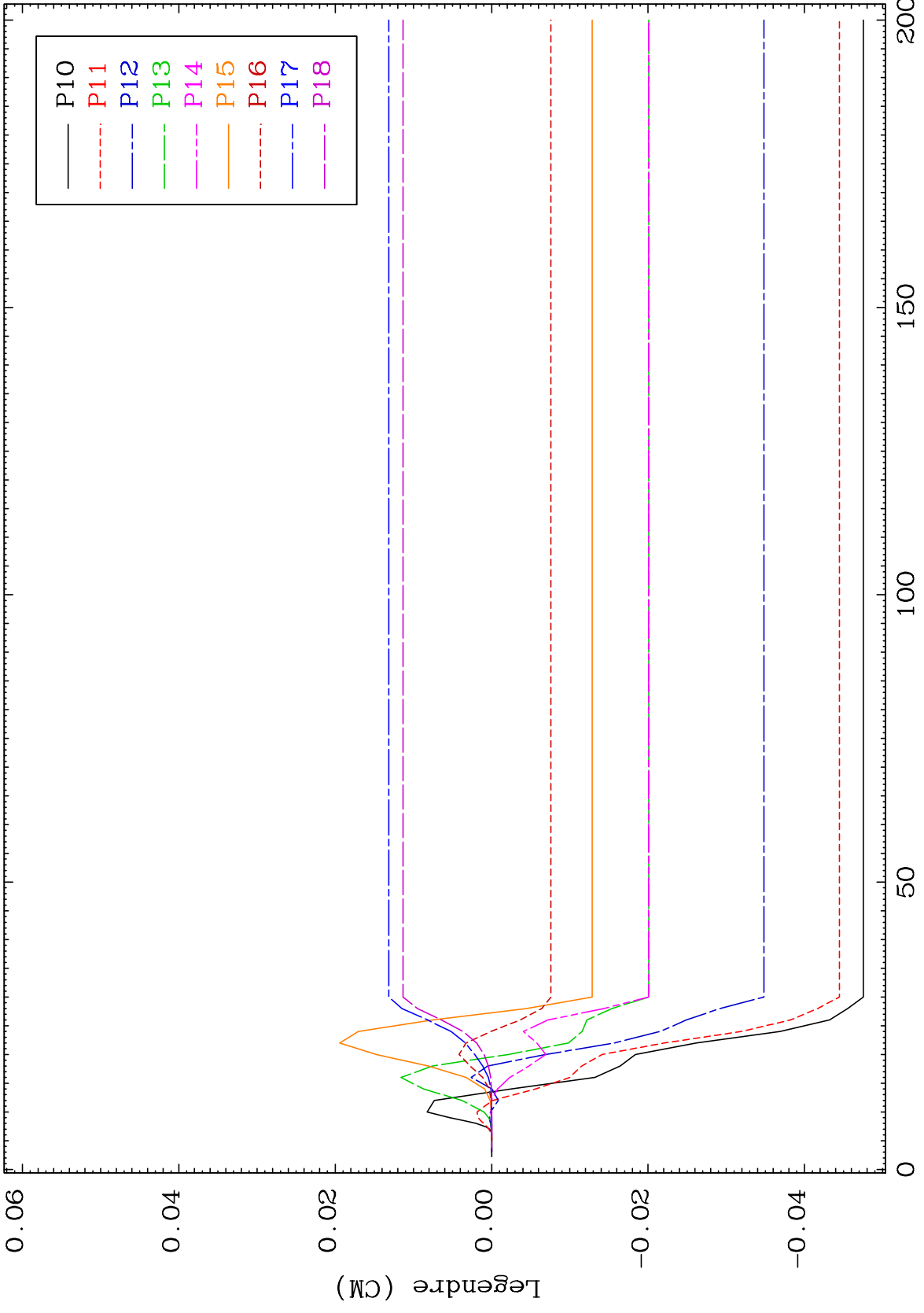


Legendre (CM) Incident Energy (MeV) 52-Te-131

MAT 5258

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

52-Te-131

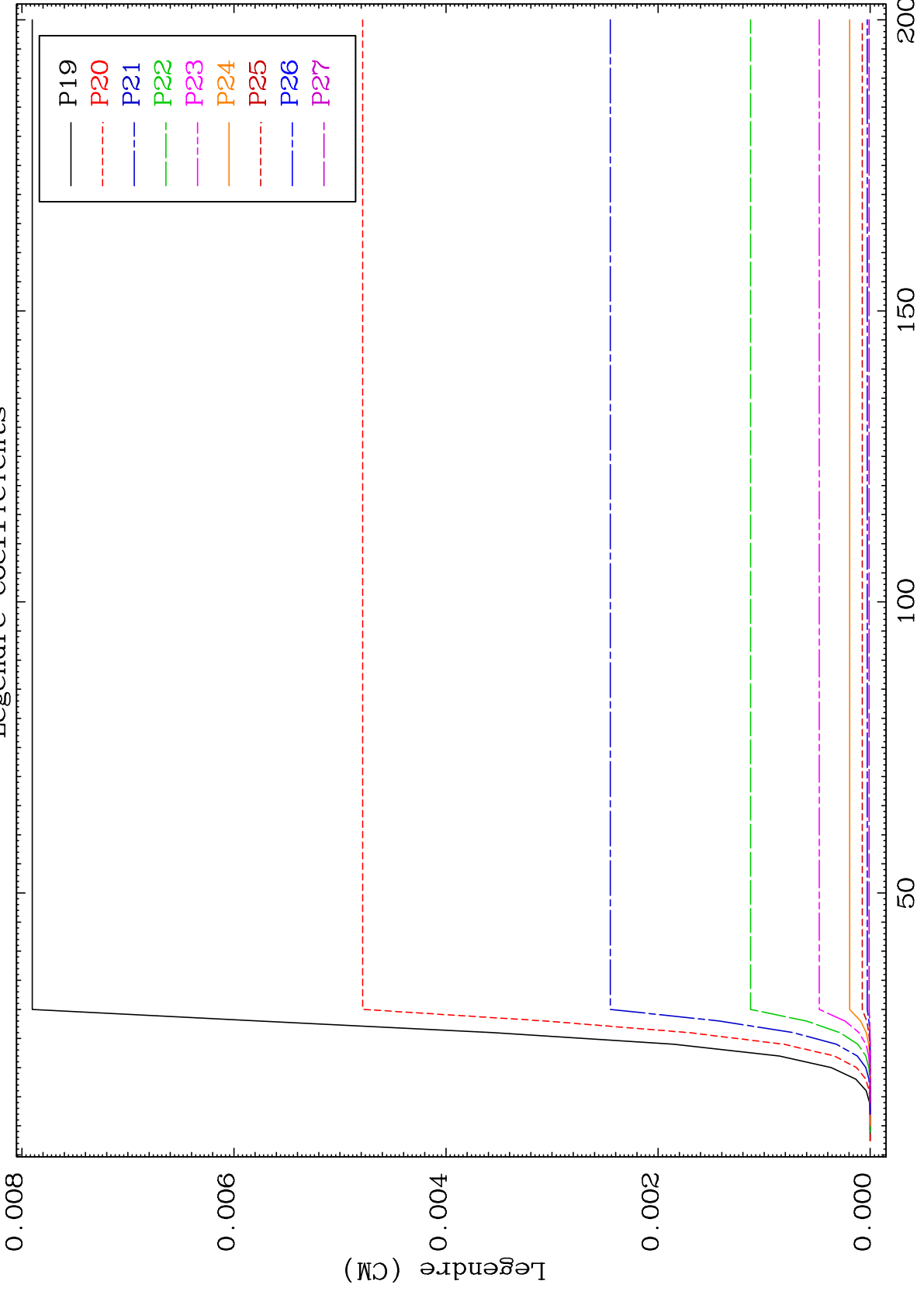


106

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 75 (n,n') Level Legendre Coefficients 52-Te-131

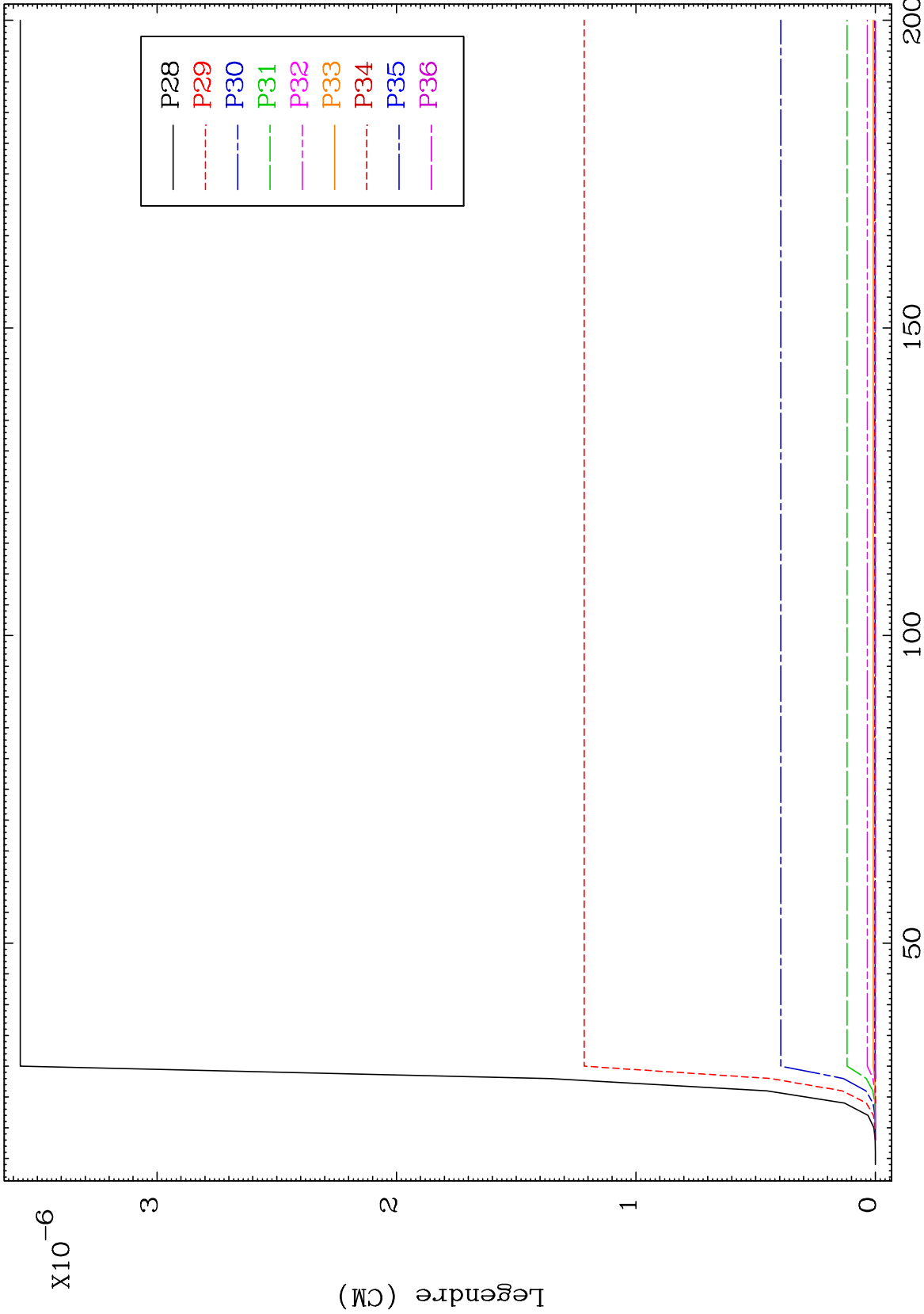


107 52-Te-131

MAT 5258

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

52-Te-131



108

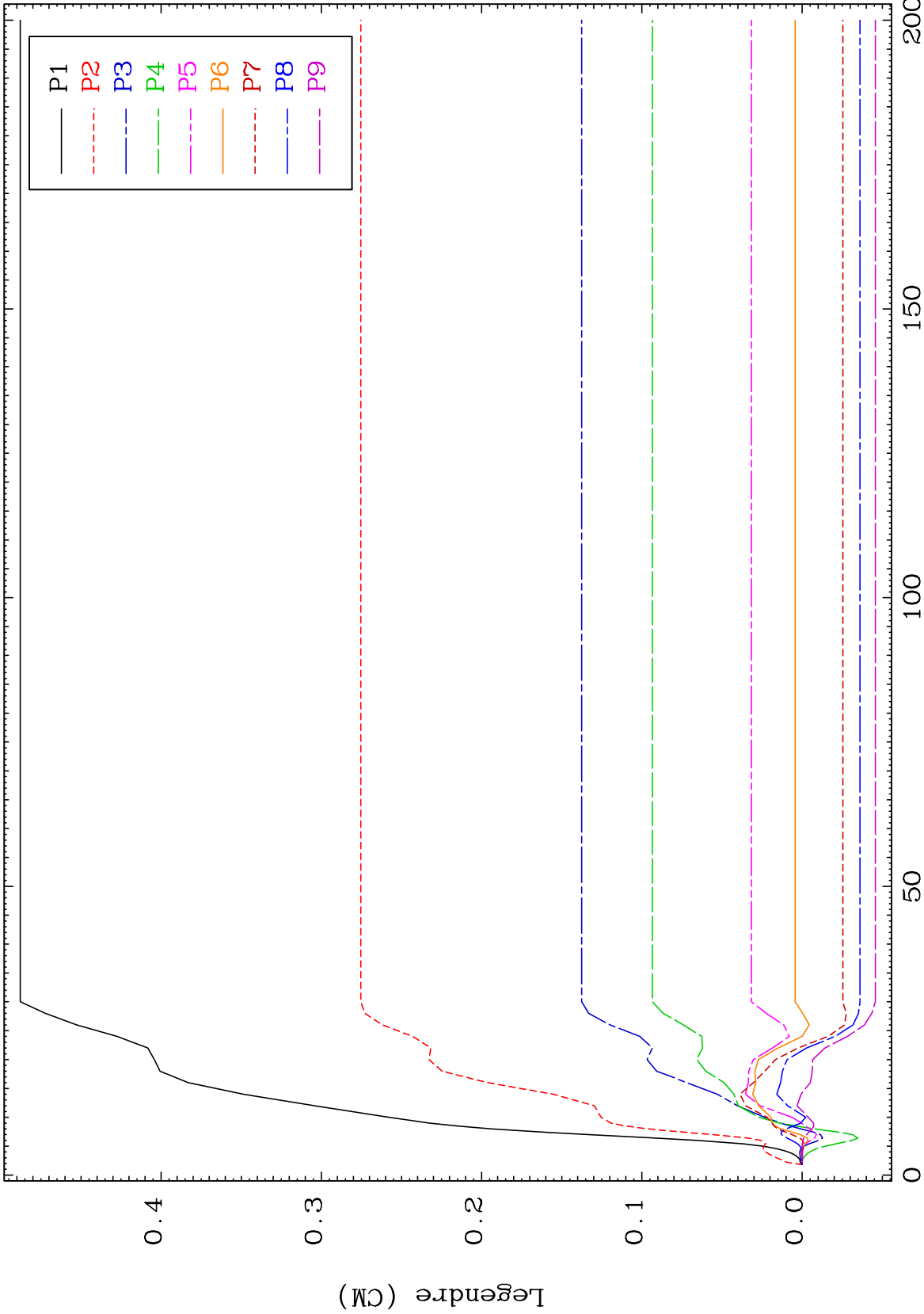
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



109

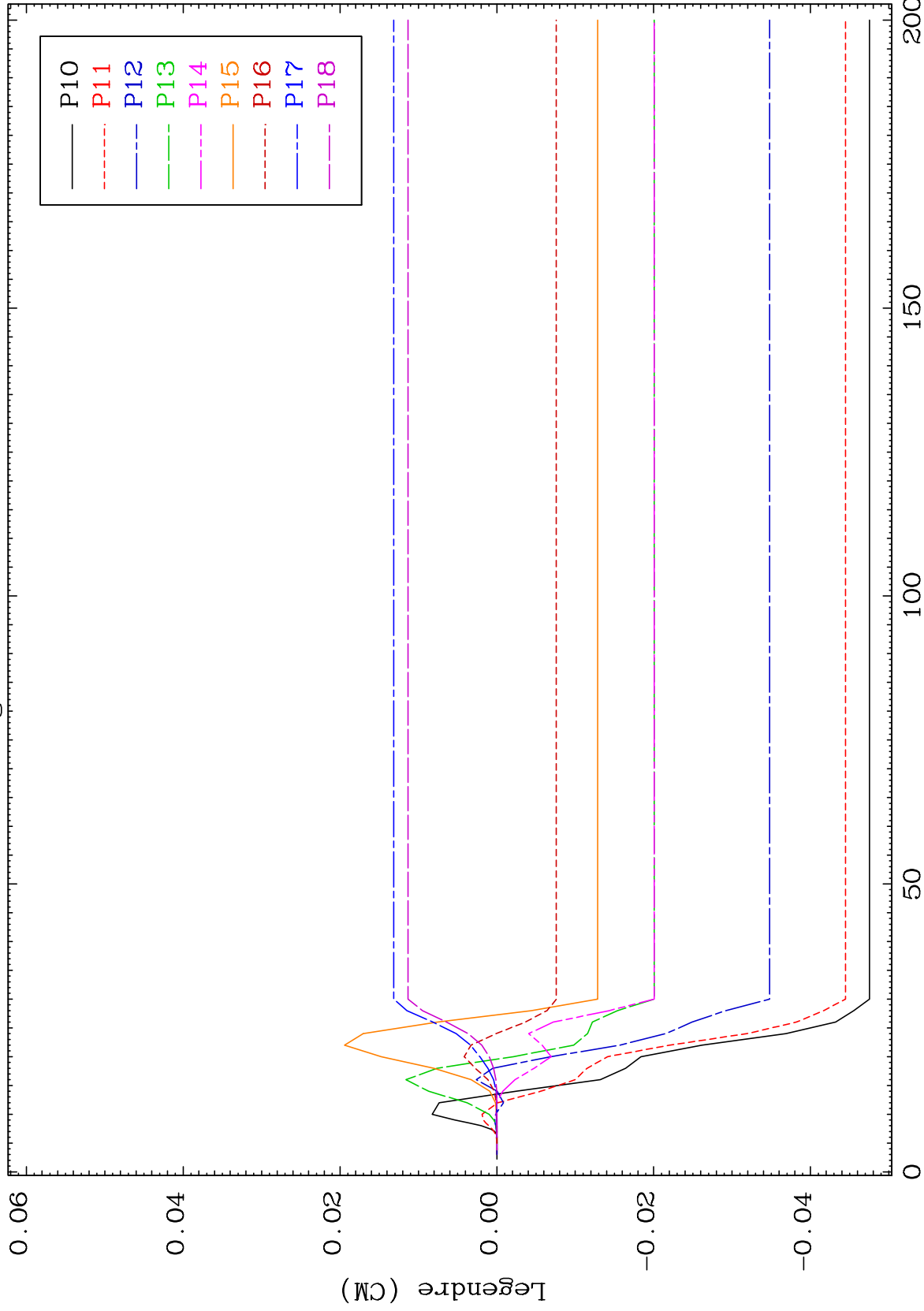
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131

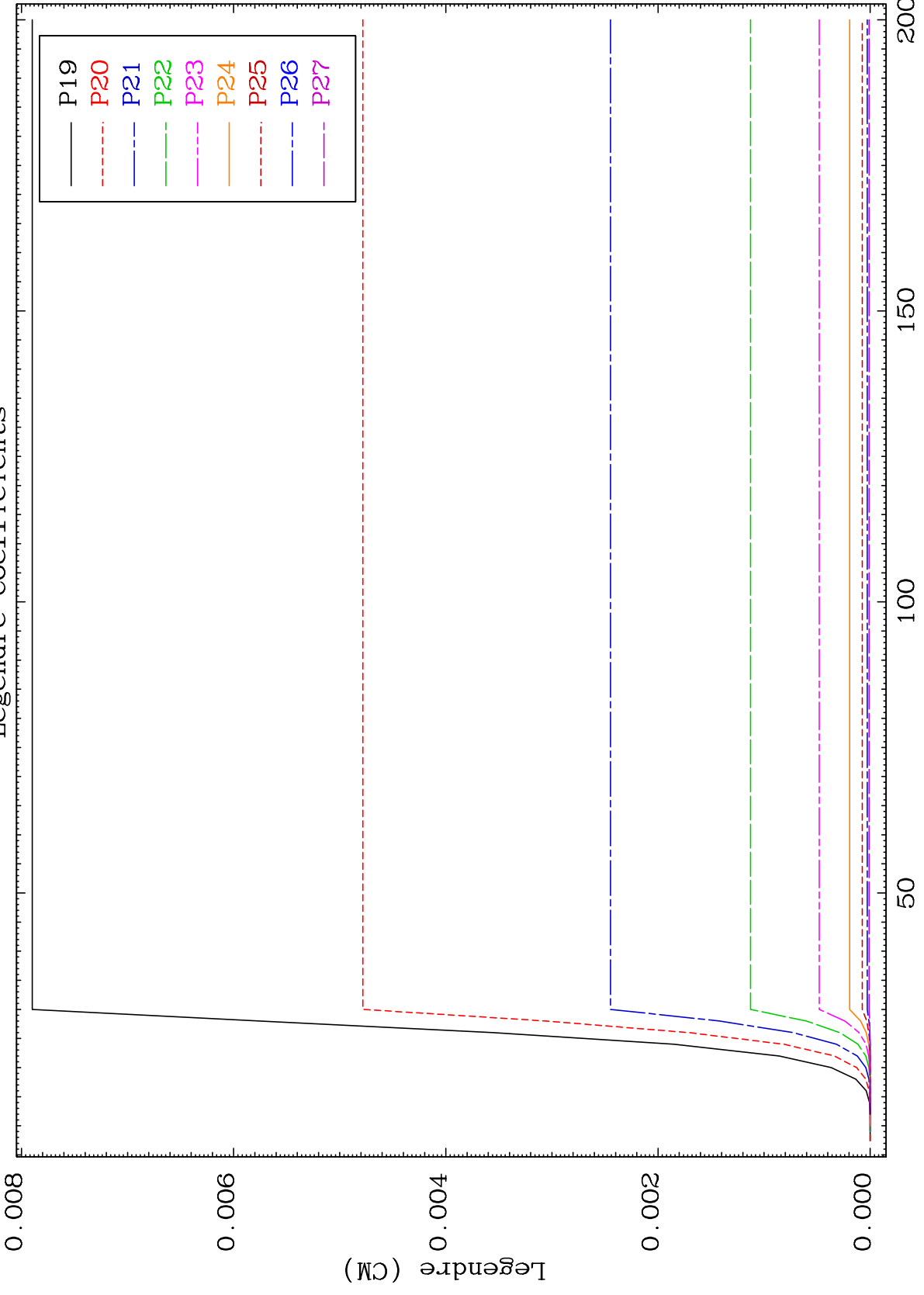


110

Incident Energy (MeV)

52-Te-131

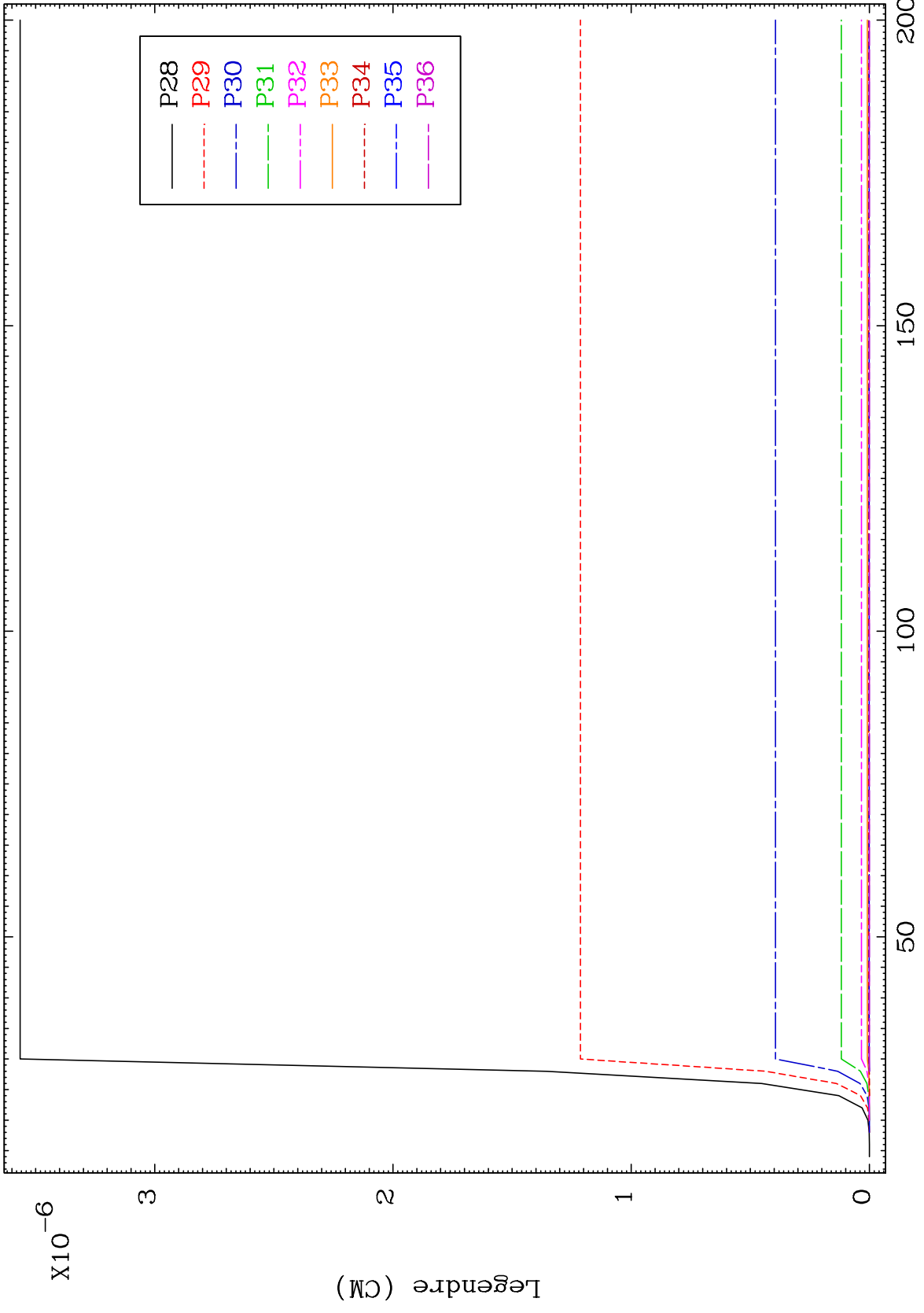
MAT 5258 MT= 76 (n,n') Level Legendre Coefficients 52-Te-131



MAT 5258

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

52-Te-131



112

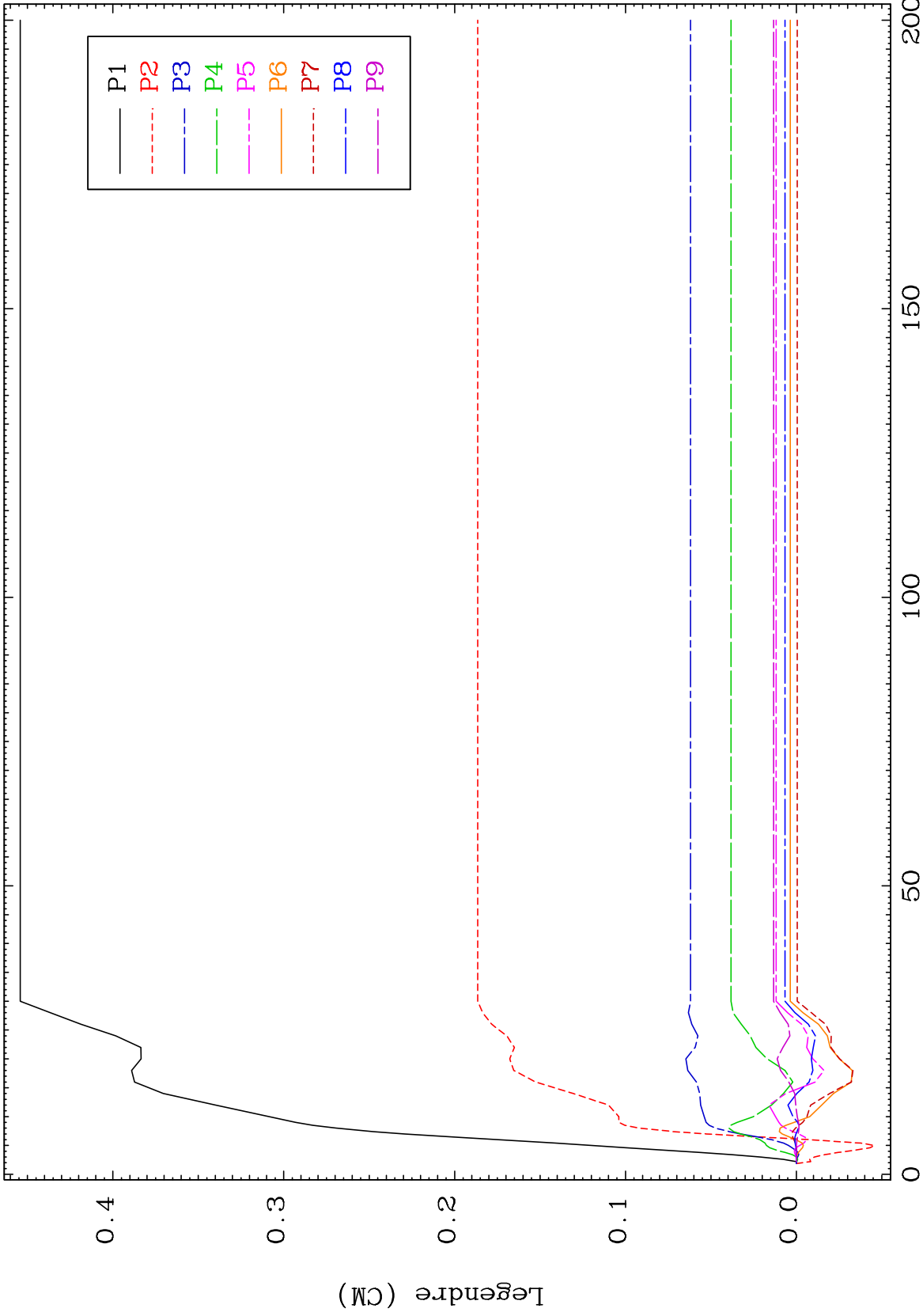
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



113

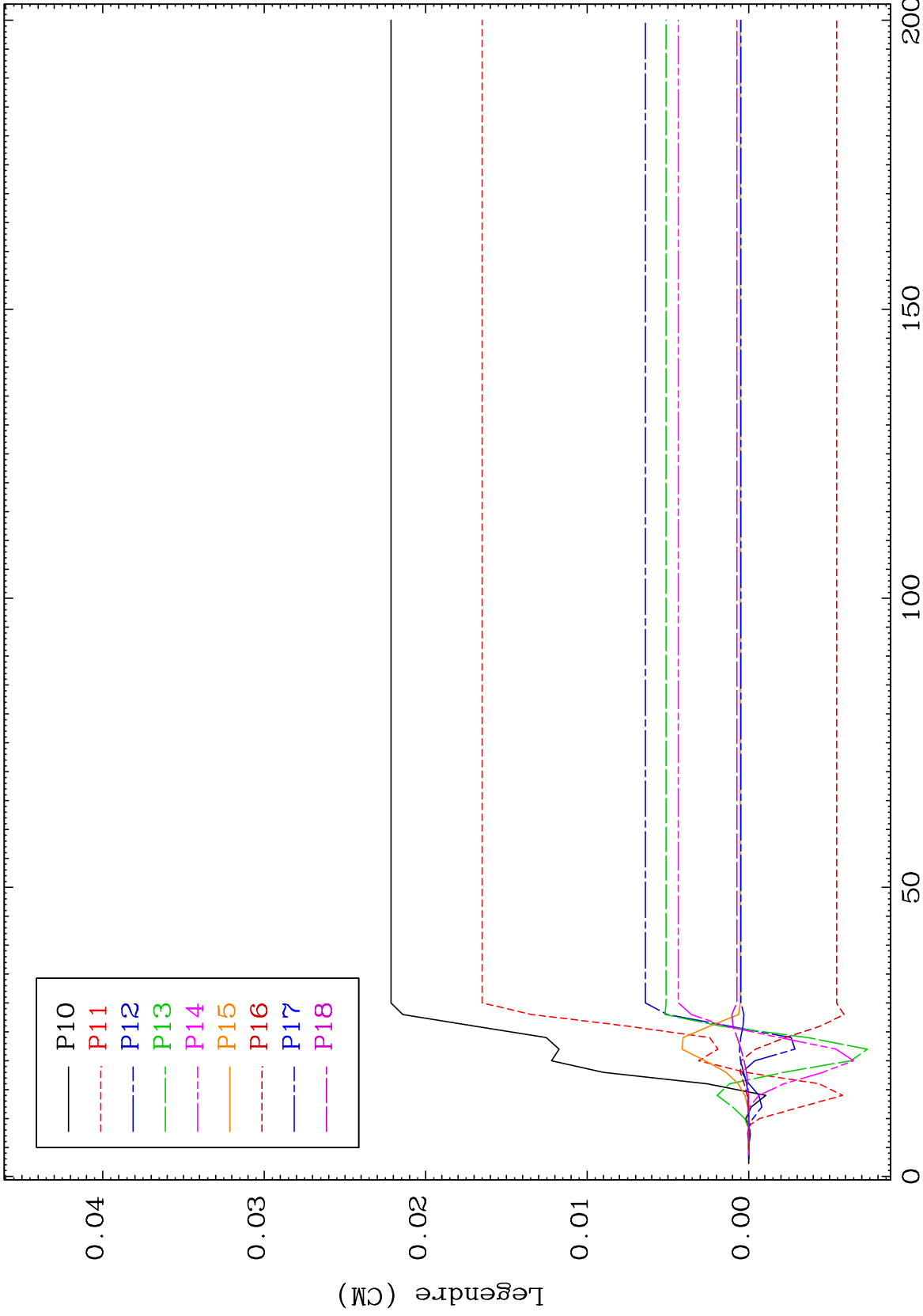
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131

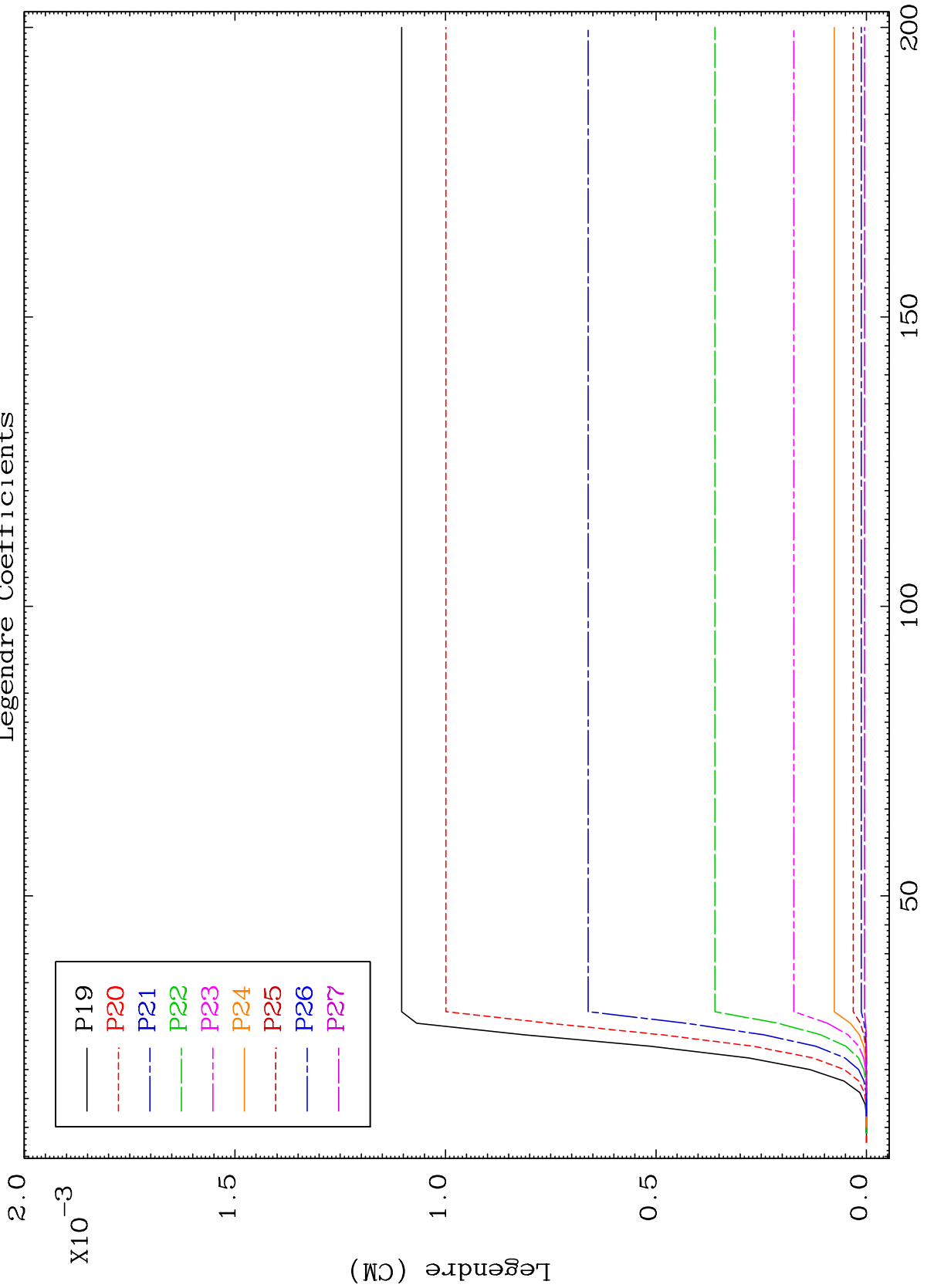


114

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 77 (n,n') Level Legendre Coefficients 52-Te-131



52-Te-131

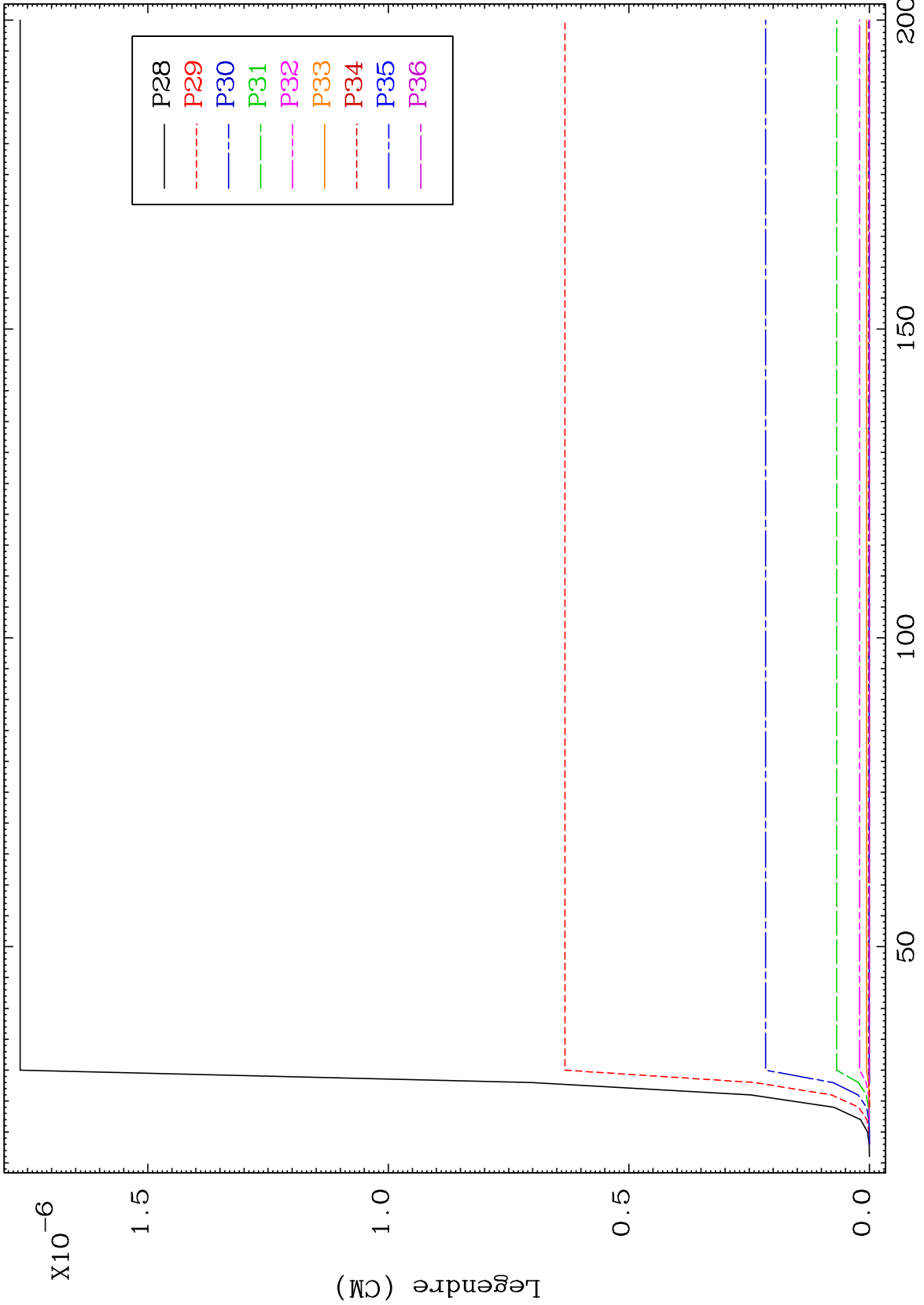
Incident Energy (MeV)

115

MAT 5258

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

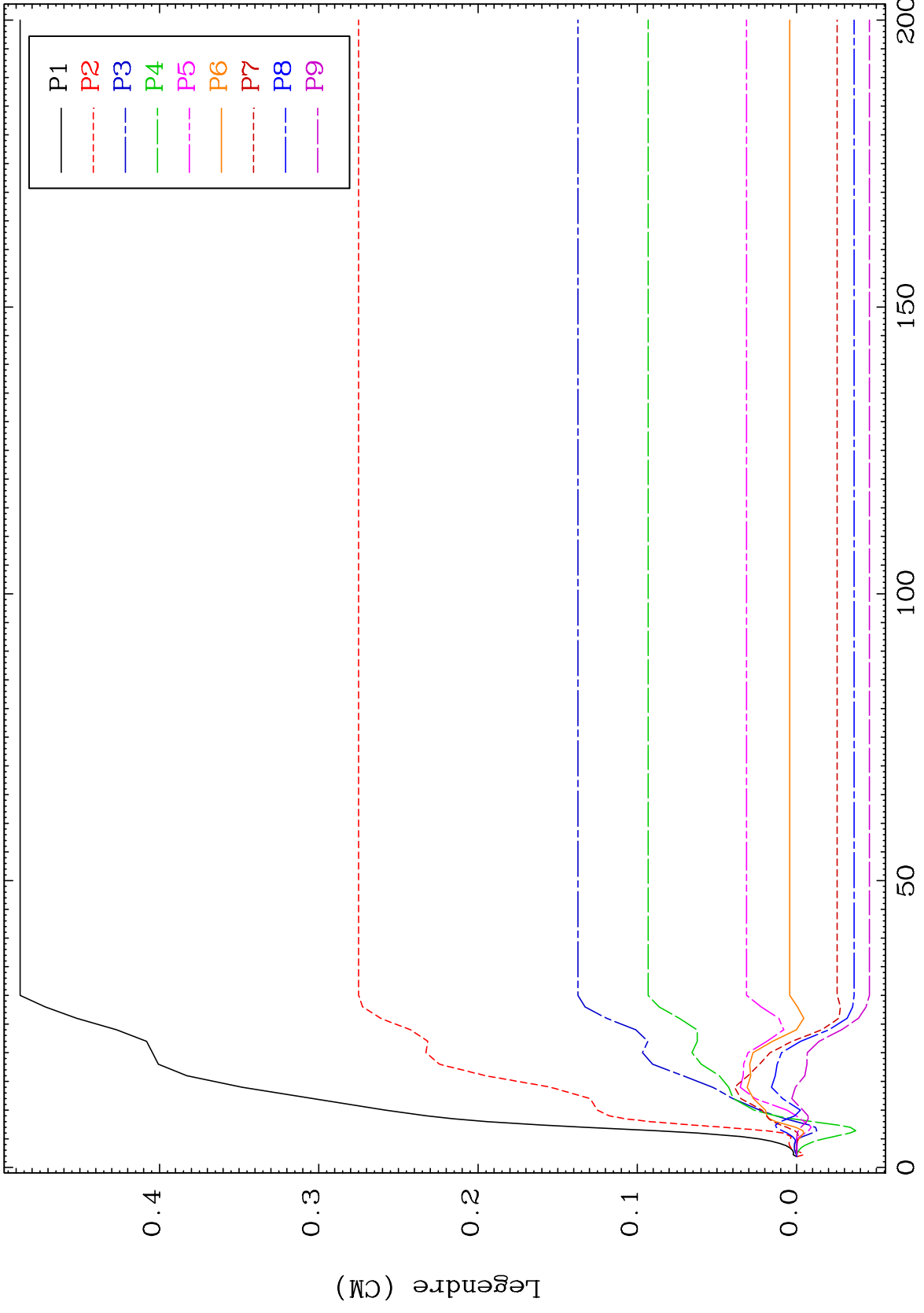
52-Te-131



116

52-Te-131

MAT 5258 MT= 78 (n,n') Level Legendre Coefficients 52-Te-131

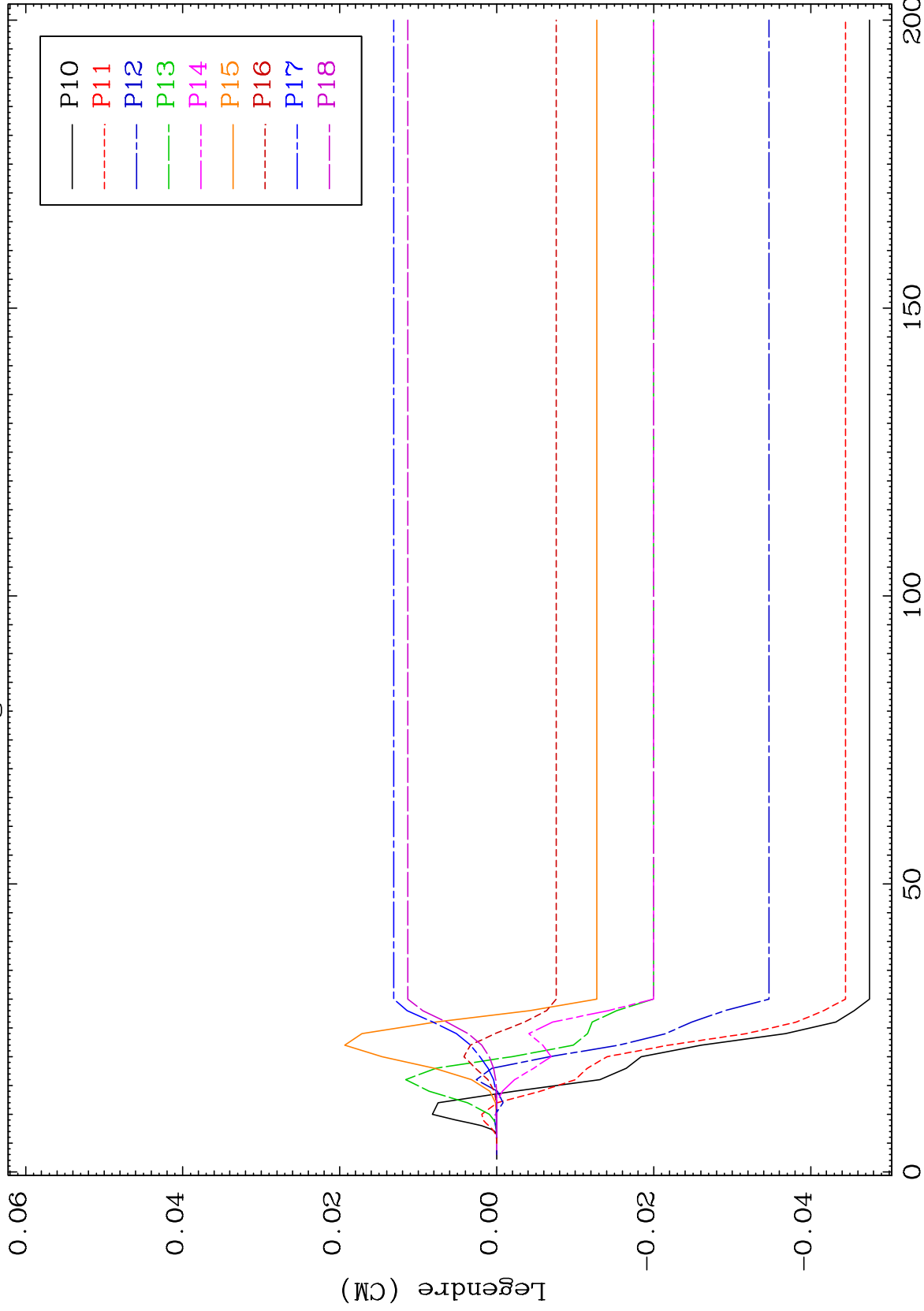


117 52-Te-131

MAT 5258

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

52-Te-131



118

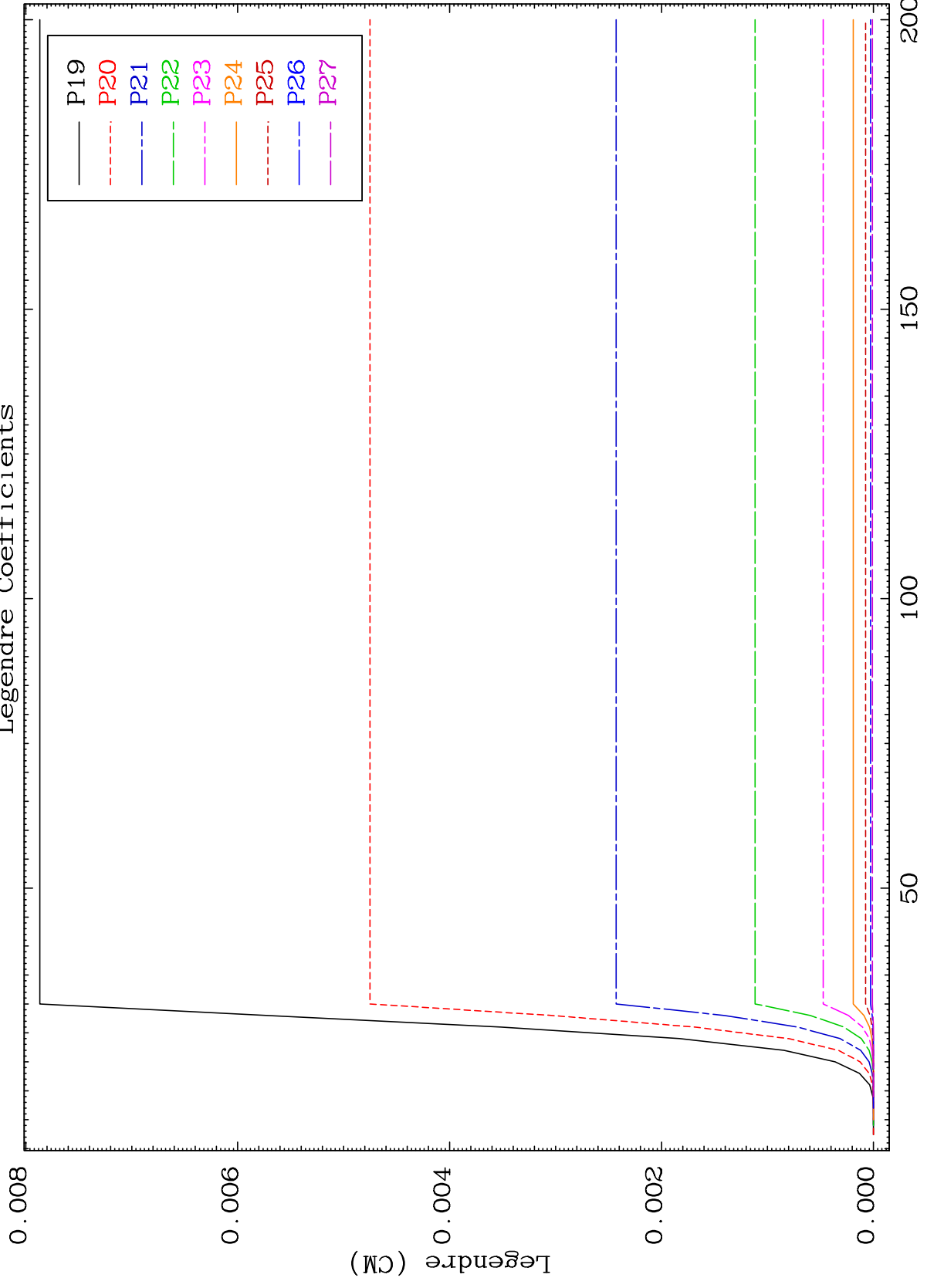
Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 78 (n,n') Level Legendre Coefficients

52-Te-131

52-Te-131

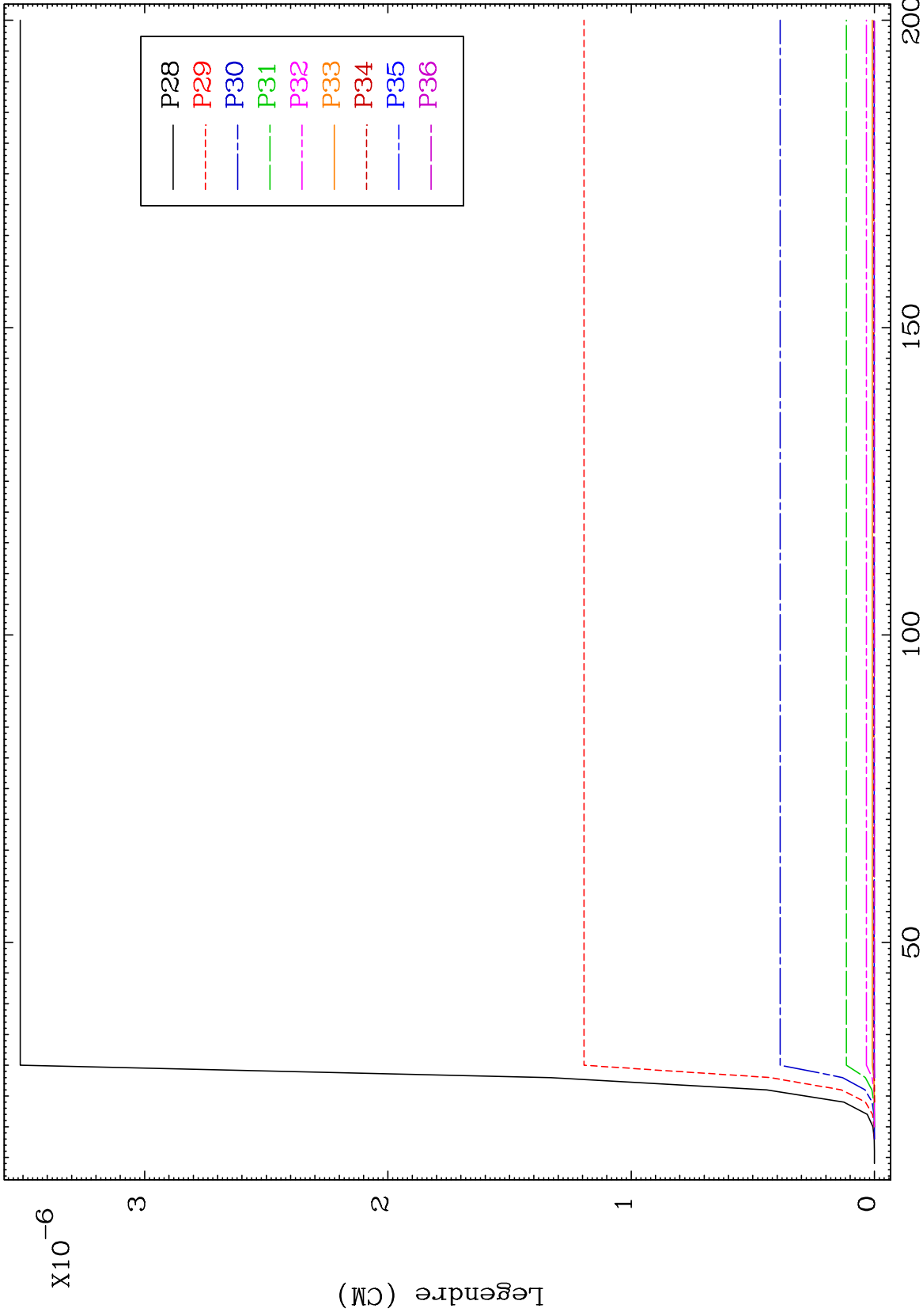


119

MAT 5258

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

52-Te-131

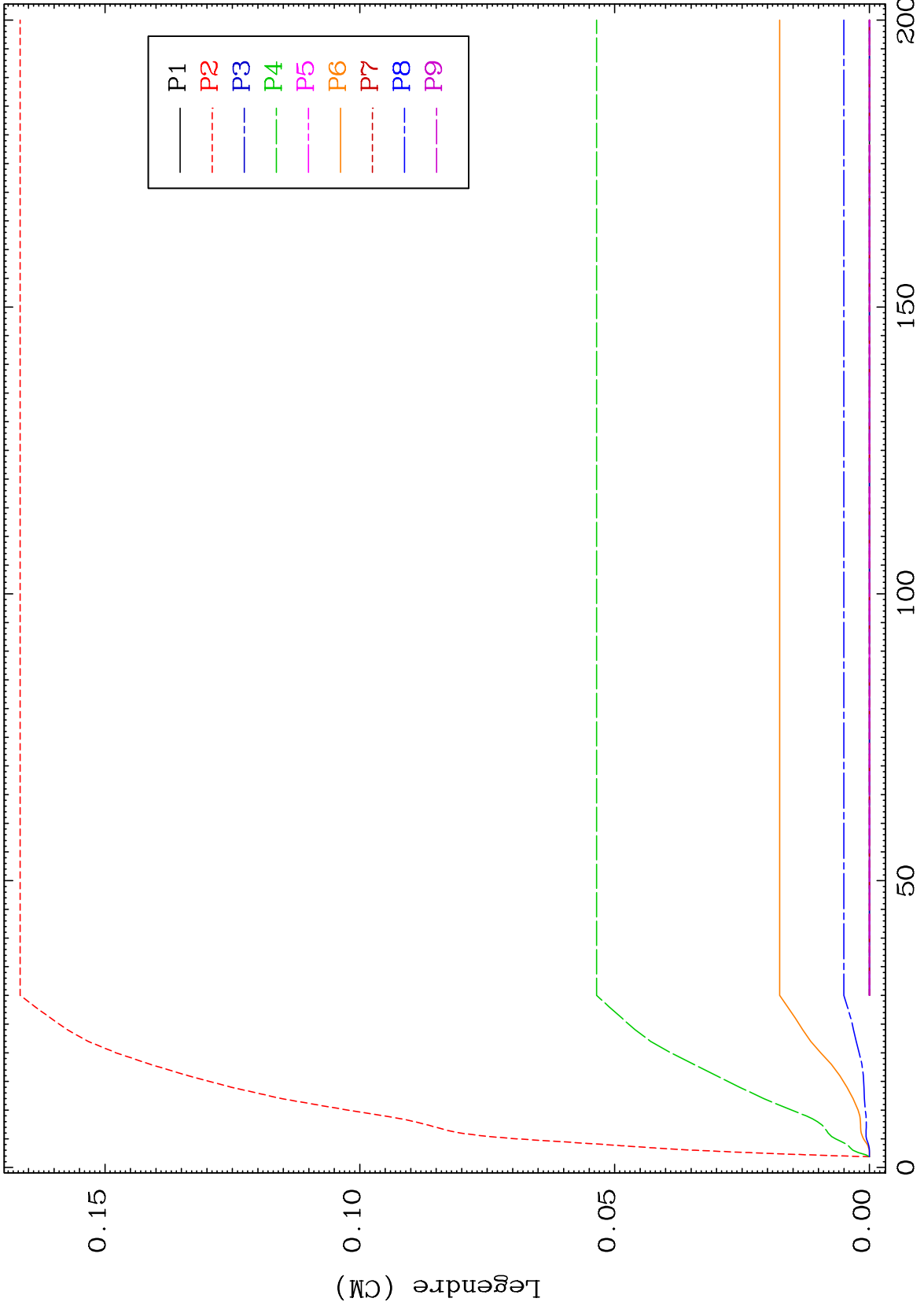


120

Incident Energy (MeV)

52-Te-131

MAT 5258 MT= 79 (n,n') Level Legendre Coefficients 52-Te-131

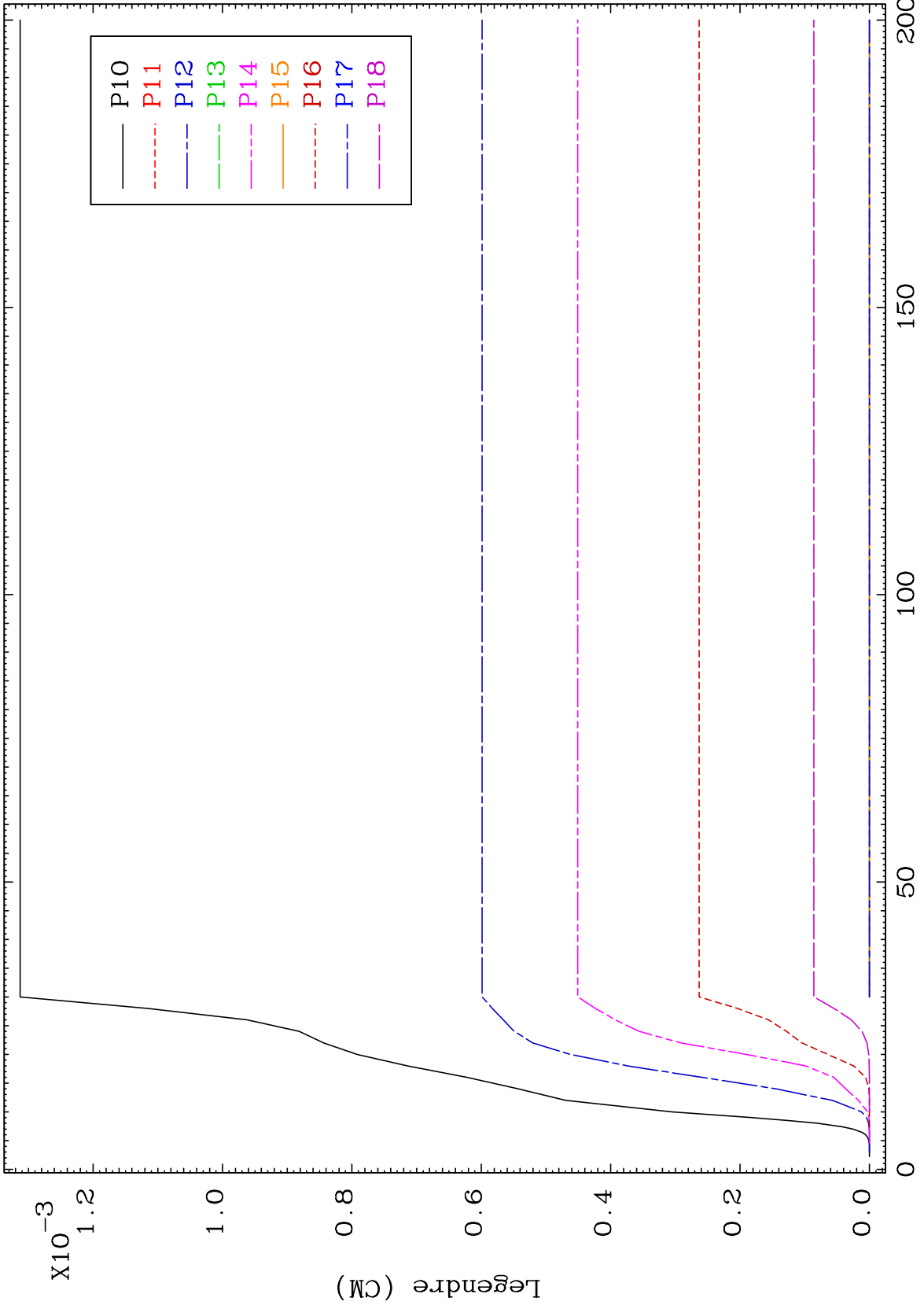


121 52-Te-131

MAT 5258

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

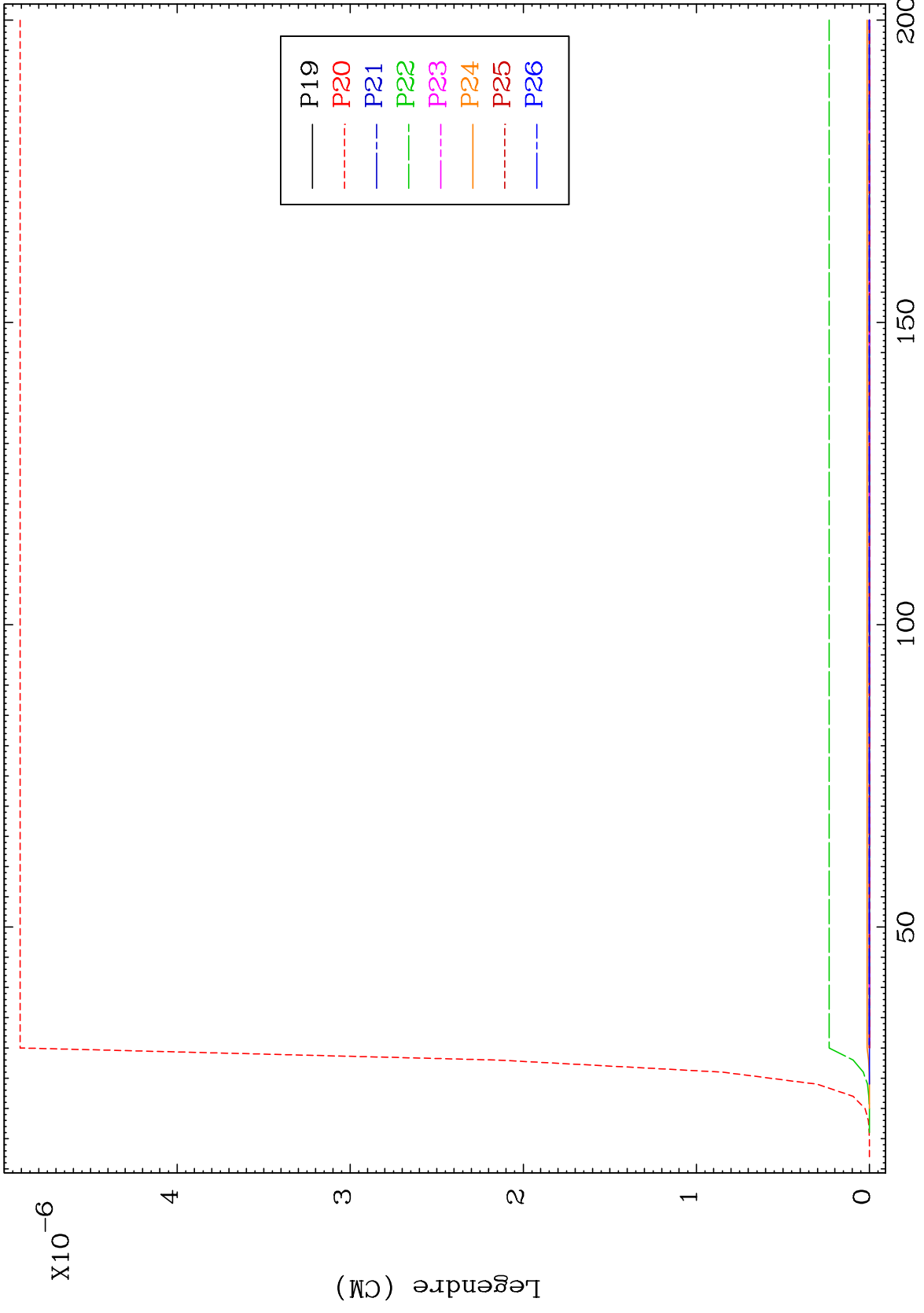
52-Te-131



122

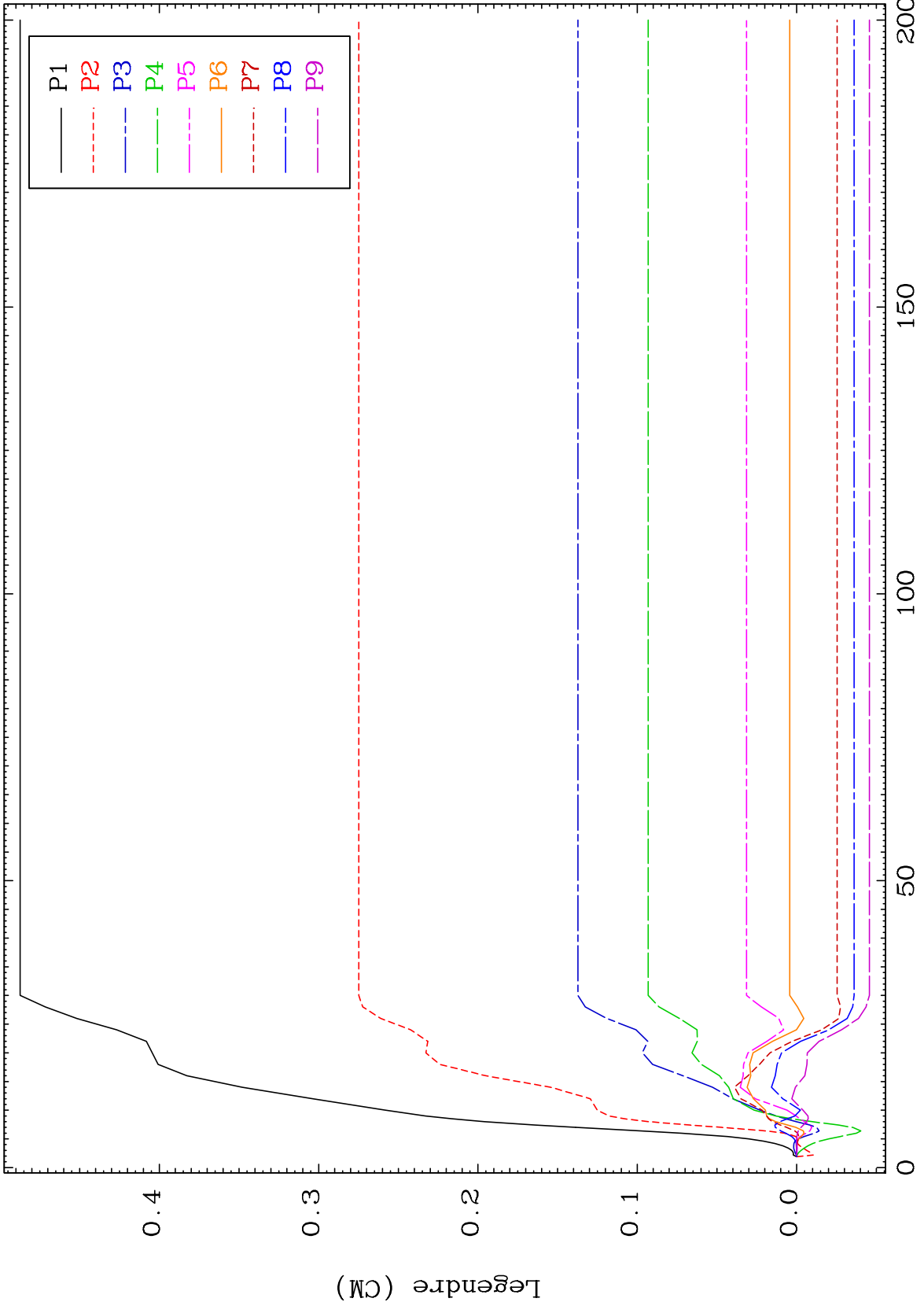
52-Te-131

MAT 5258 MT= 79 (n,n') Level Legendre Coefficients 52-Te-131

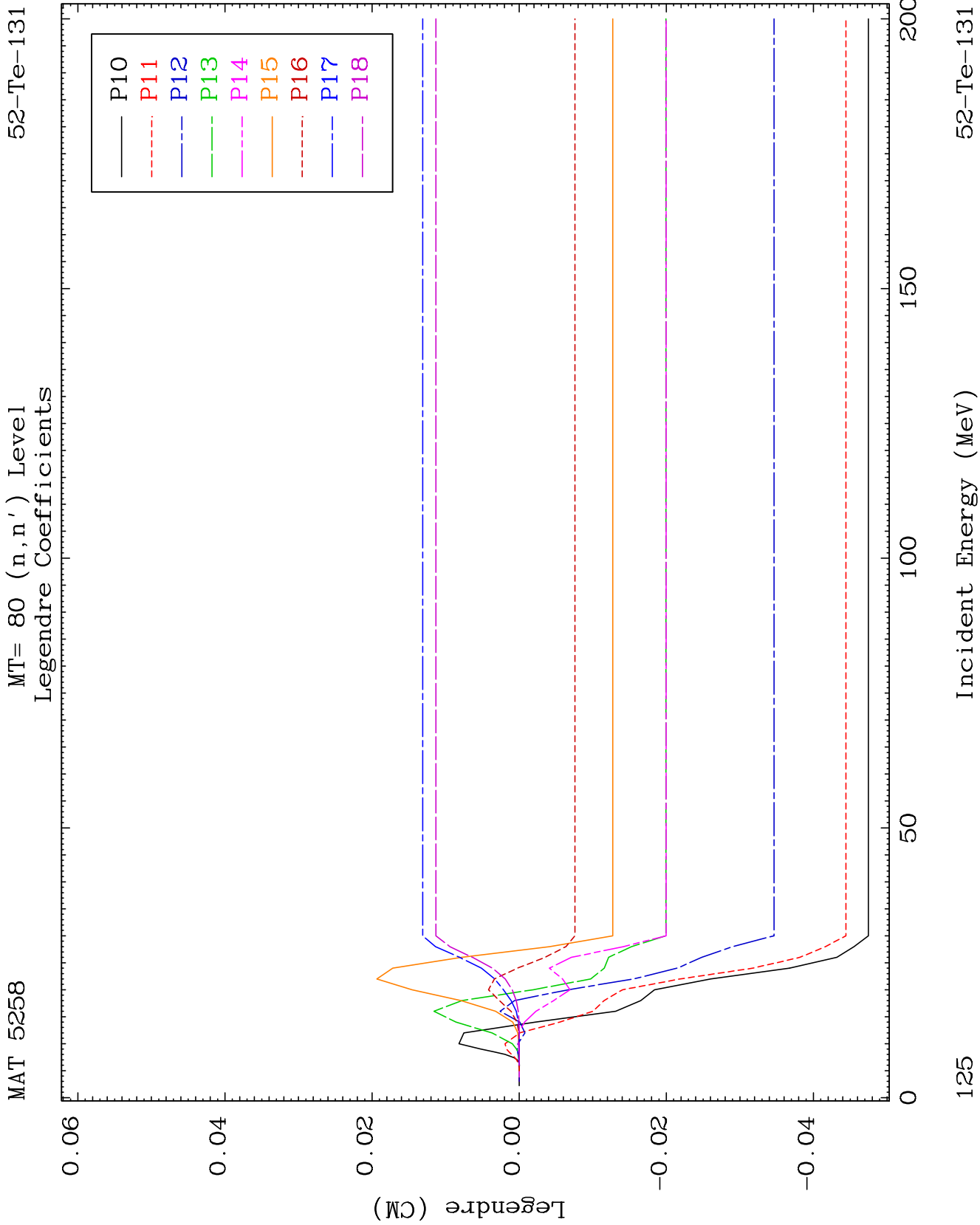


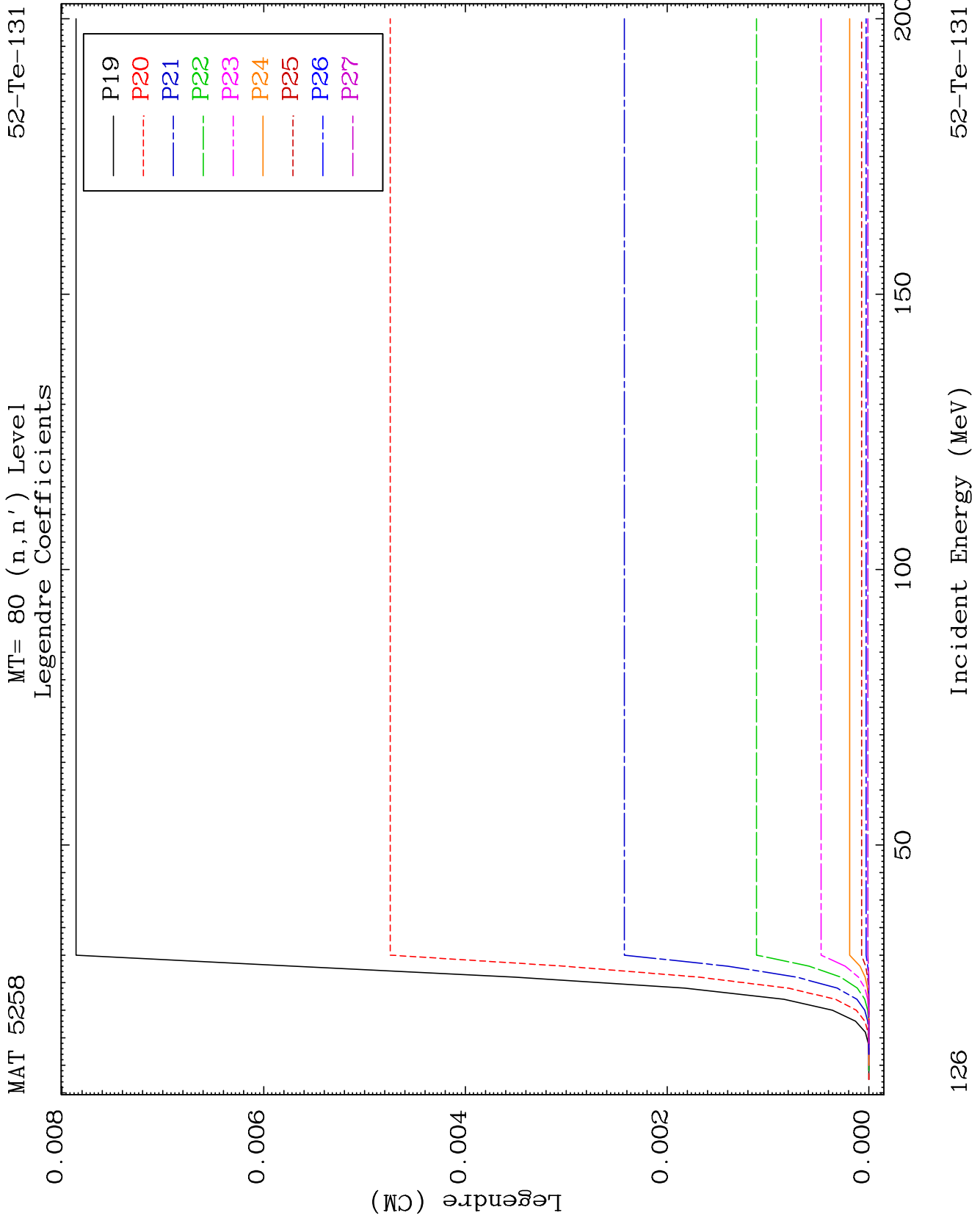
123 52-Te-131

MAT 5258 MT= 80 (n,n') Level Legendre Coefficients 52-Te-131



124 52-Te-131

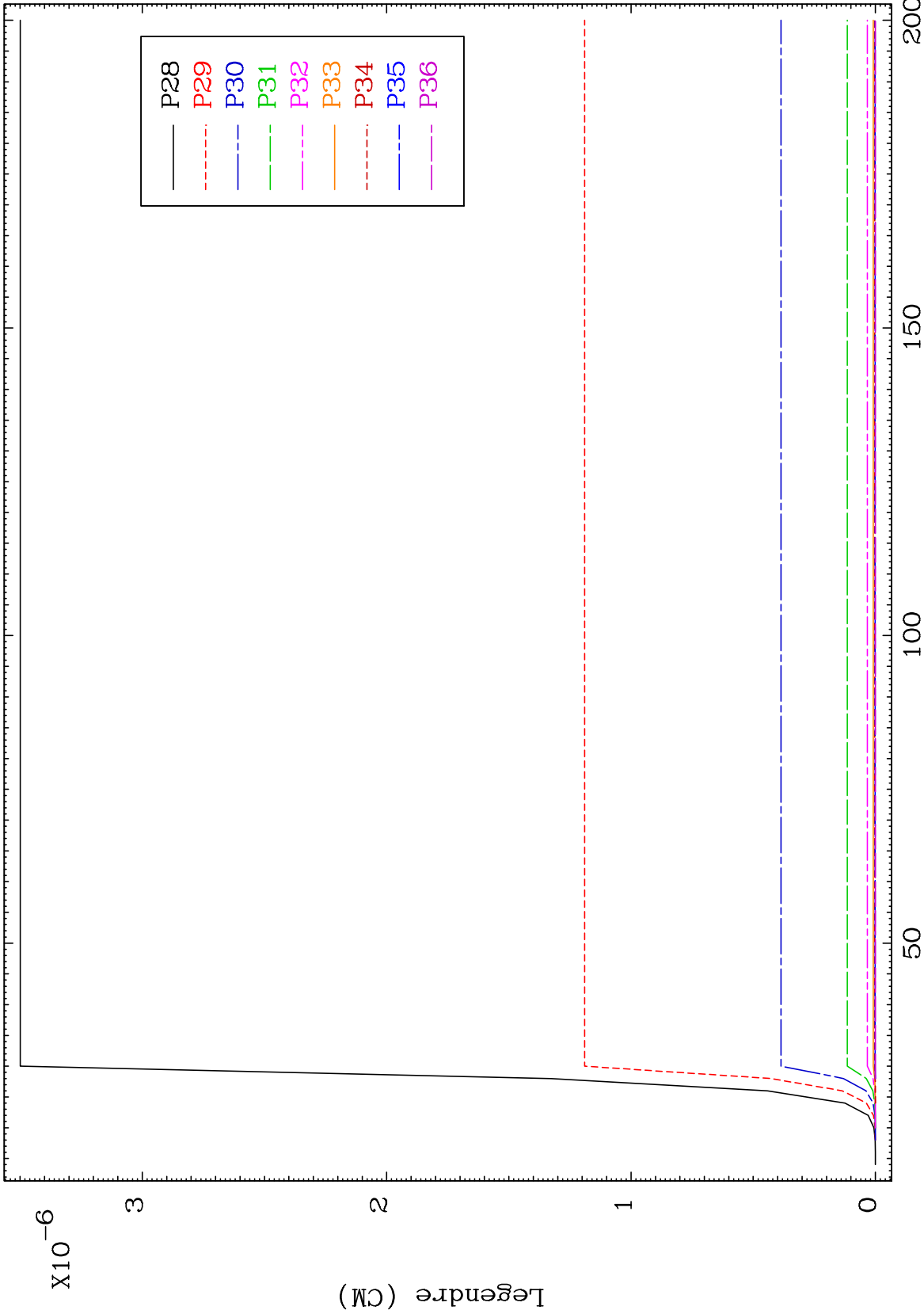




MAT 5258

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

52-Te-131



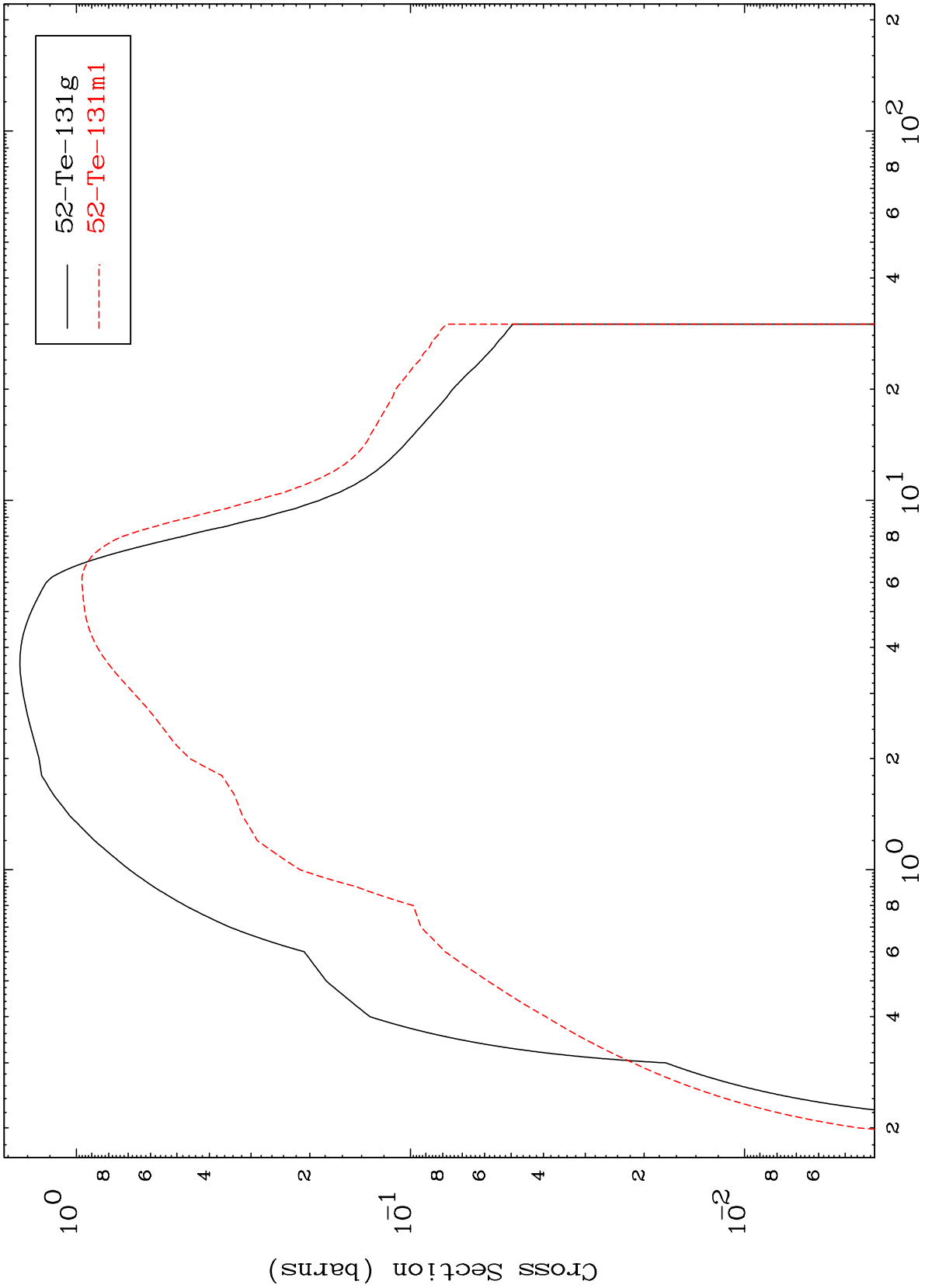
127

52-Te-131

MAT 5258

⁵²Te-131

Inelastic Radionuclide Production Cross Section



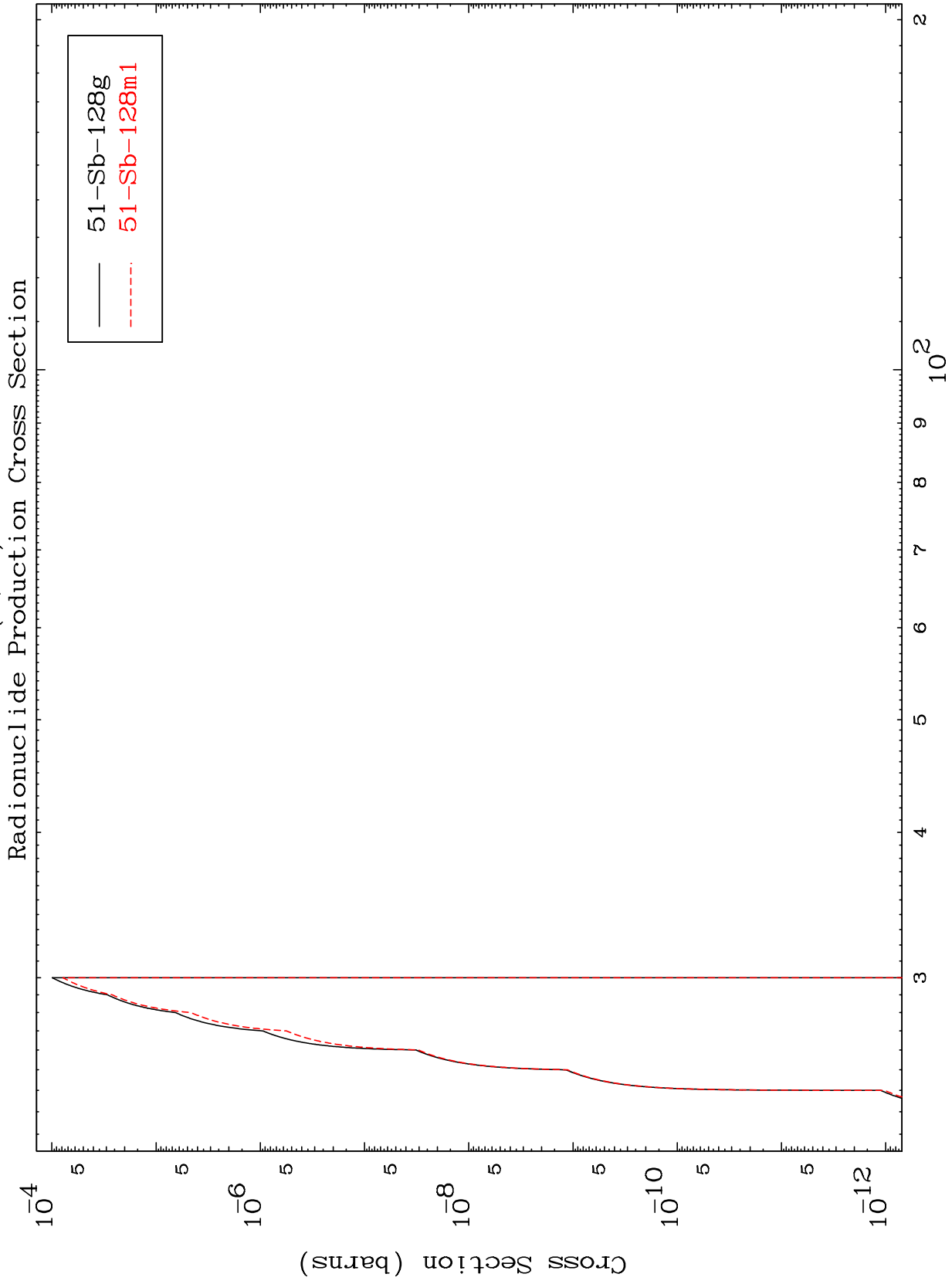
128

⁵²Te-131

MAT 5258

(n,2n) d

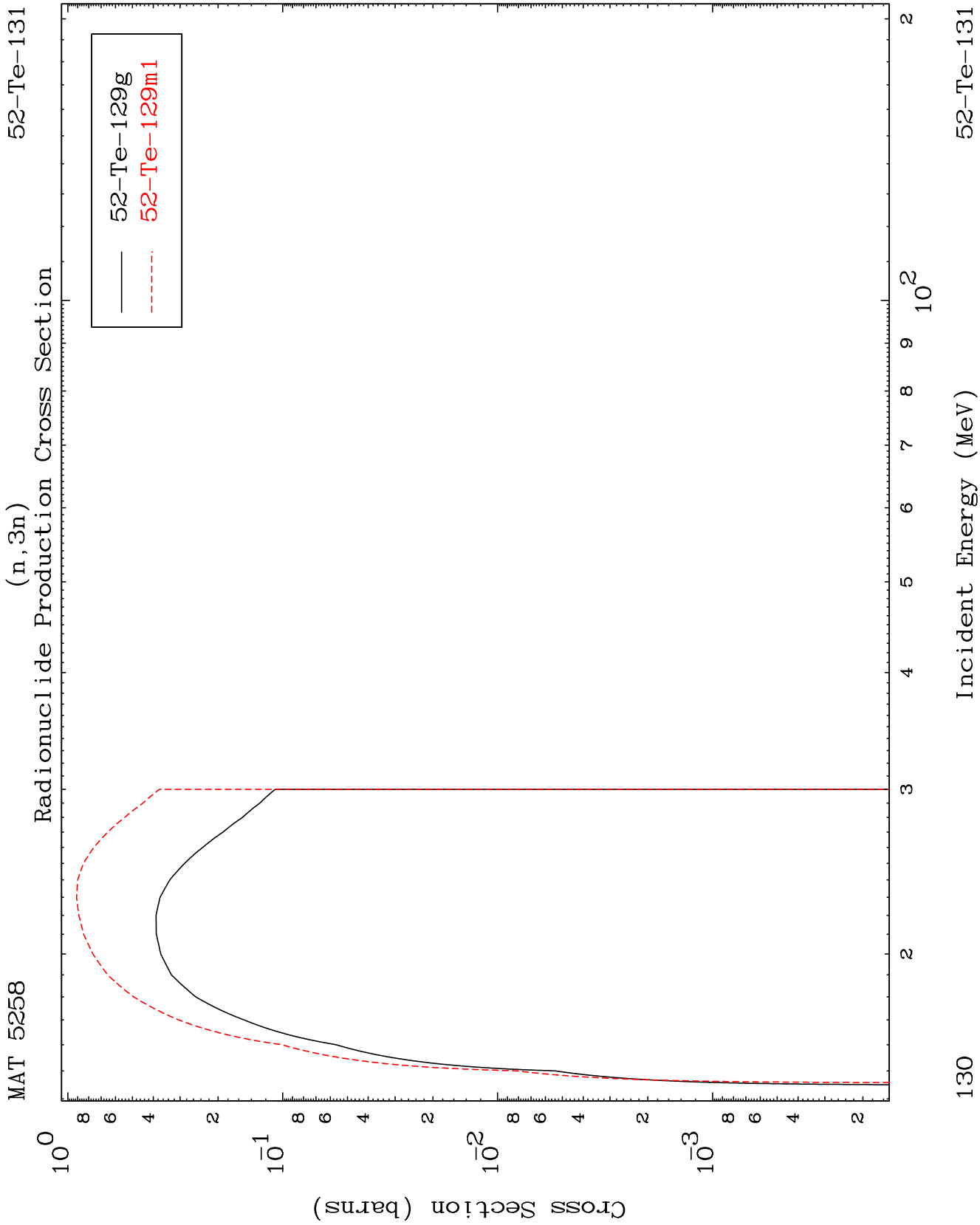
⁵²Te-131



129

Incident Energy (MeV)

⁵²Te-131

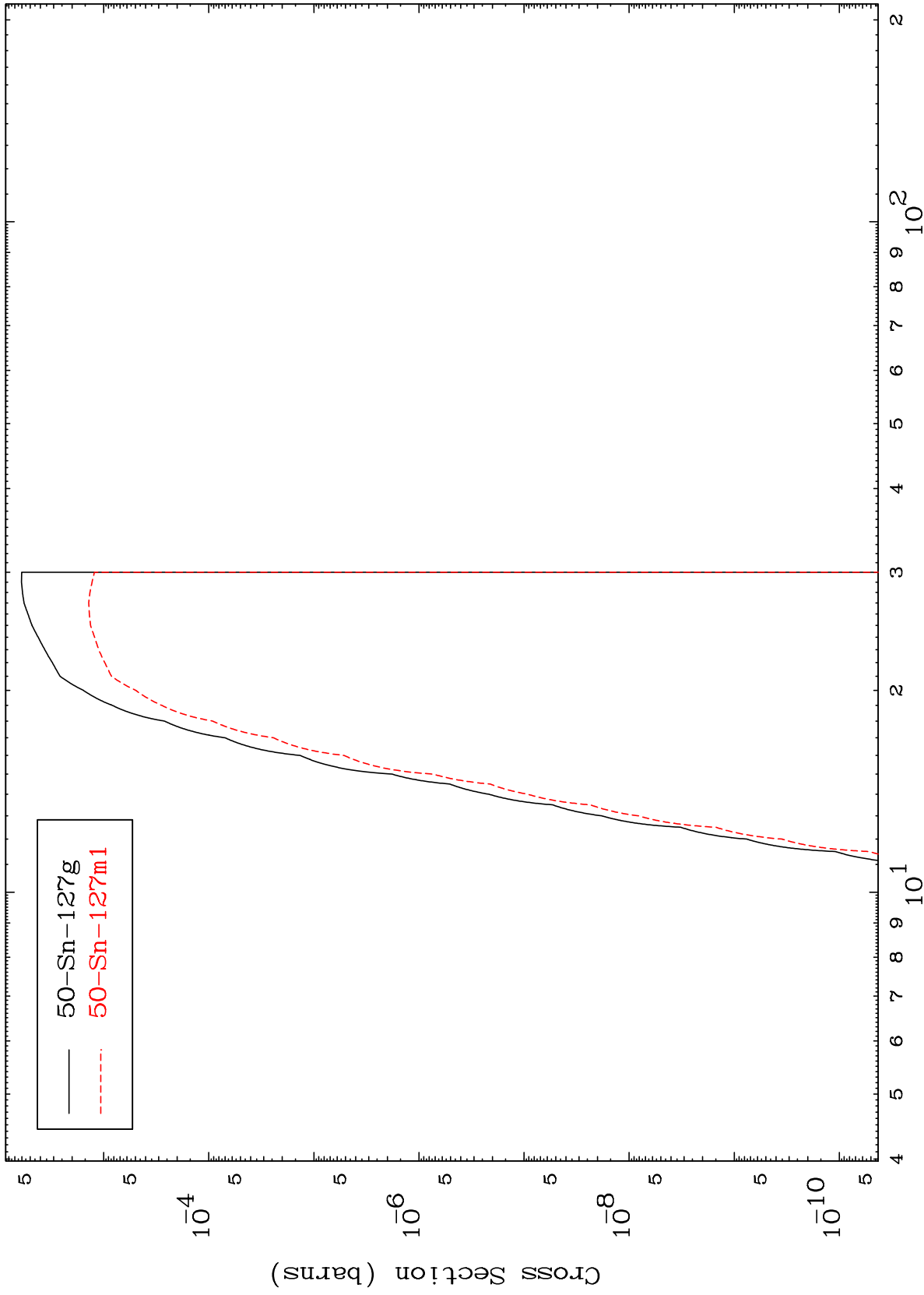


MAT 5258

(n,n') α

52-Te-131

Radionuclide Production Cross Section



131

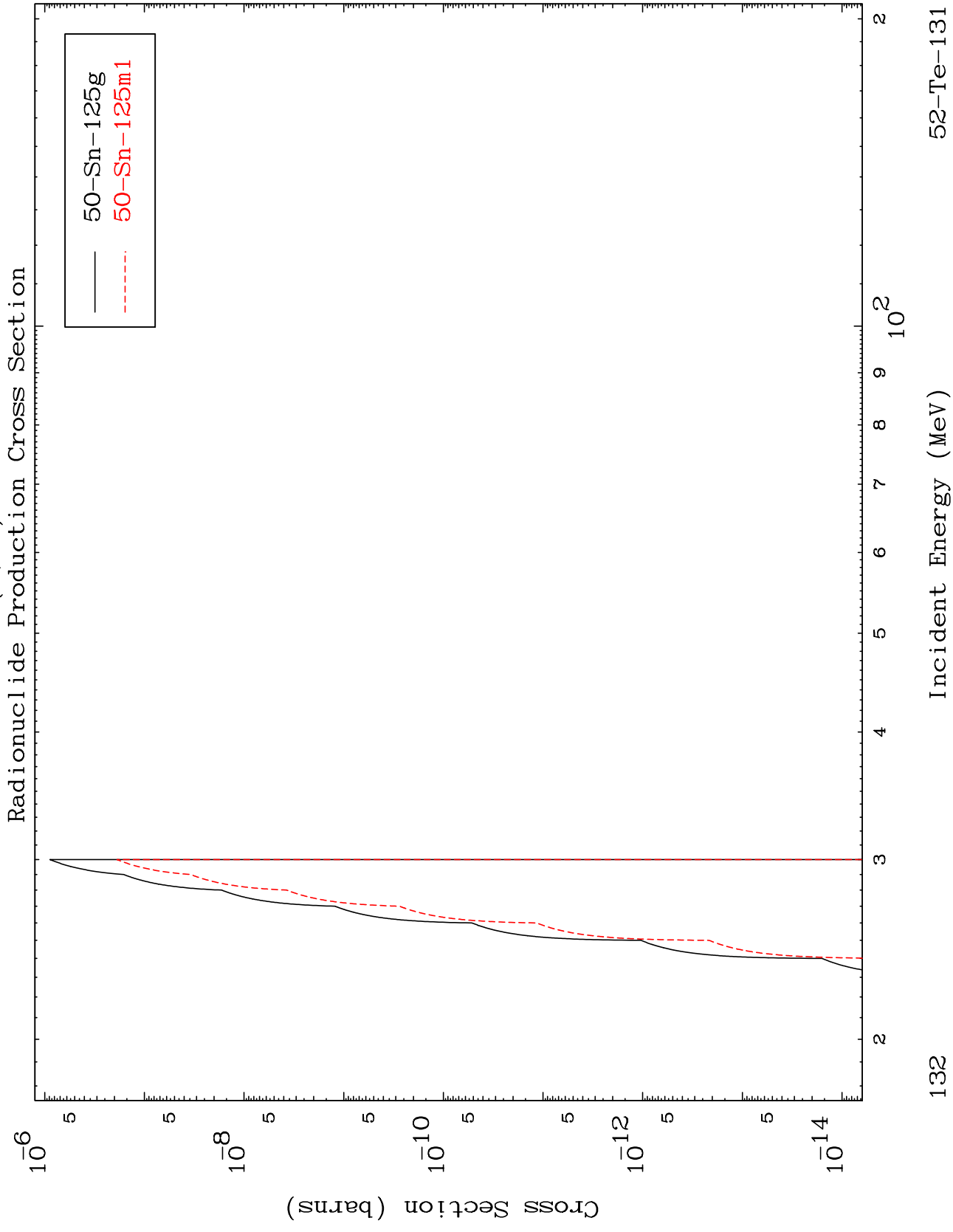
Incident Energy (MeV)

52-Te-131

MAT 5258

(n,3n) α

⁵²Te-131



132

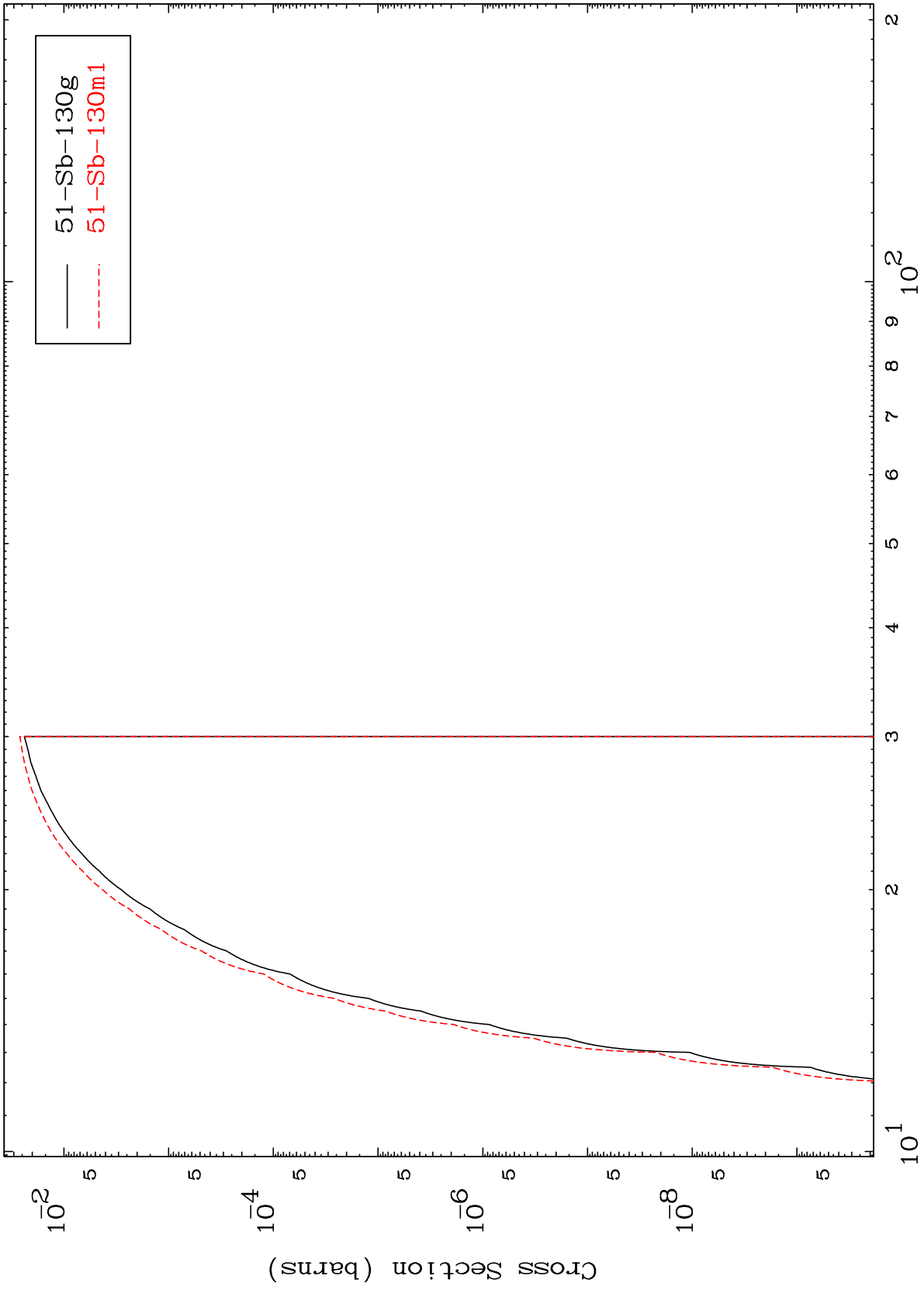
⁵²Te-131

MAT 5258

(n,n') p

52-Te-131

Radionuclide Production Cross Section



133

Incident Energy (MeV)

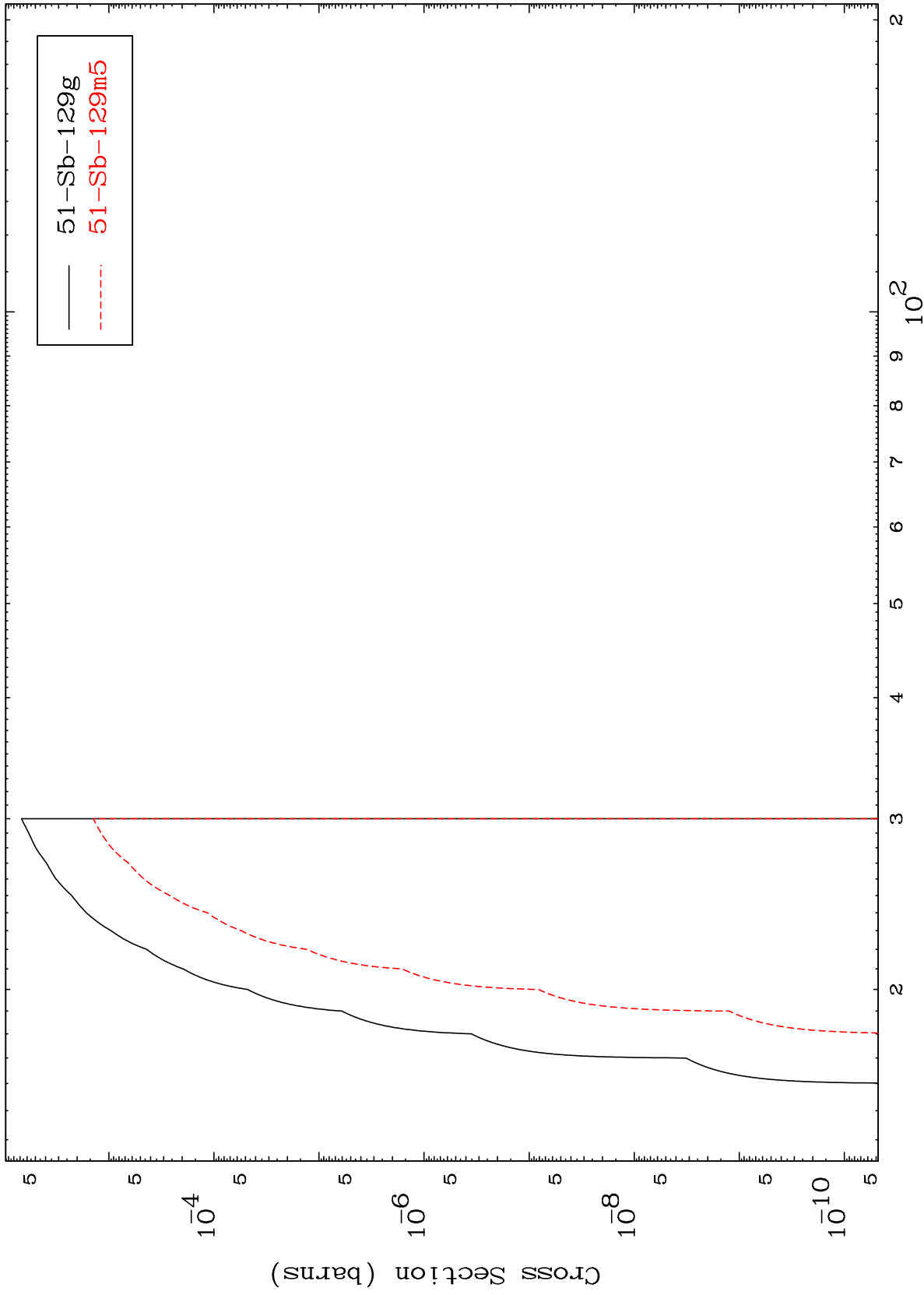
52-Te-131

MAT 5258

(n,n') d

52-Te-131

Radionuclide Production Cross Section



134

Incident Energy (MeV)

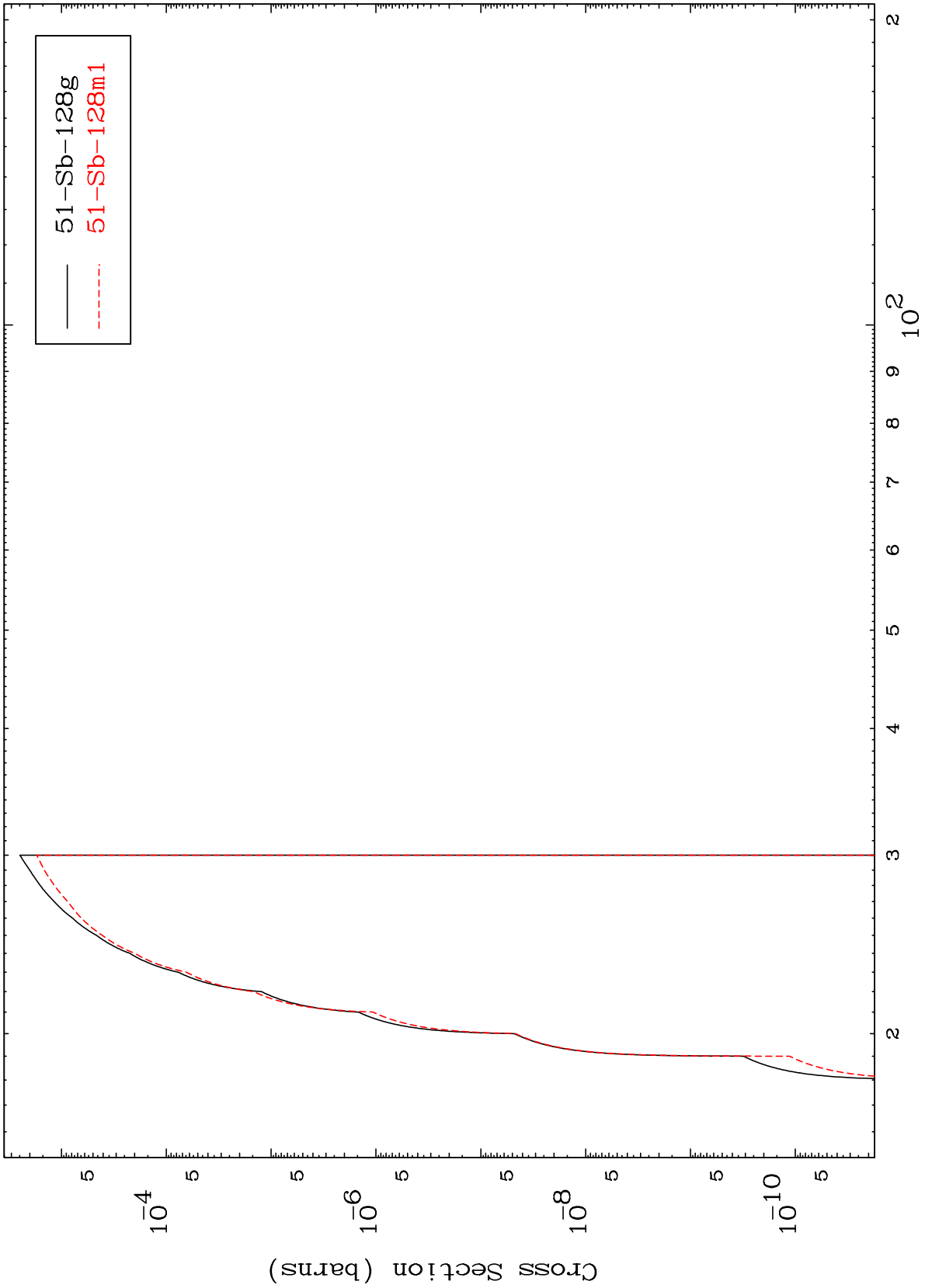
52-Te-131

MAT 5258

(n,n') t

52-Te-131

Radionuclide Production Cross Section



135

Incident Energy (MeV)

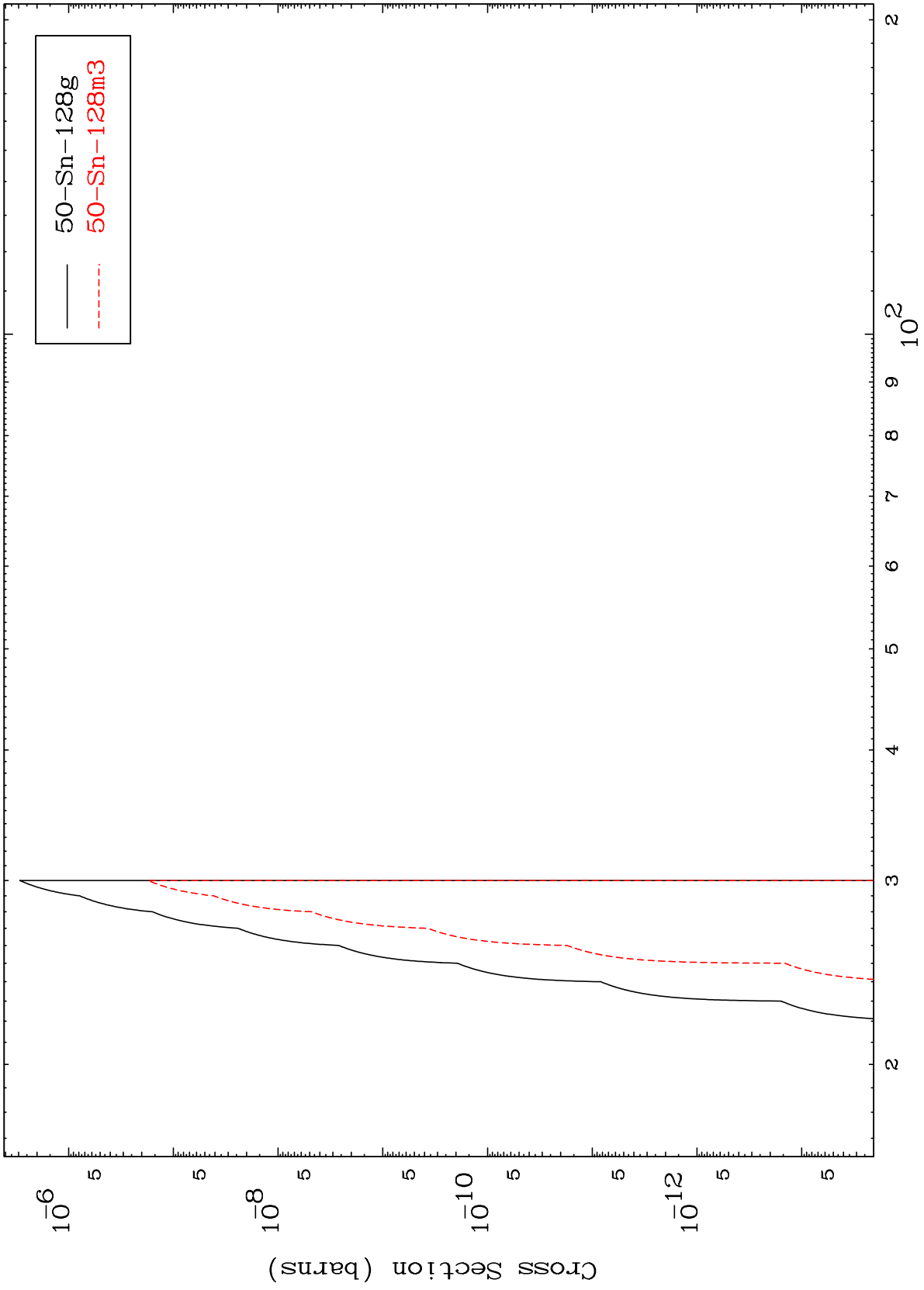
52-Te-131

MAT 5258

(n, n') He-3

52-Te-131

Radionuclide Production Cross Section



136

Incident Energy (MeV)

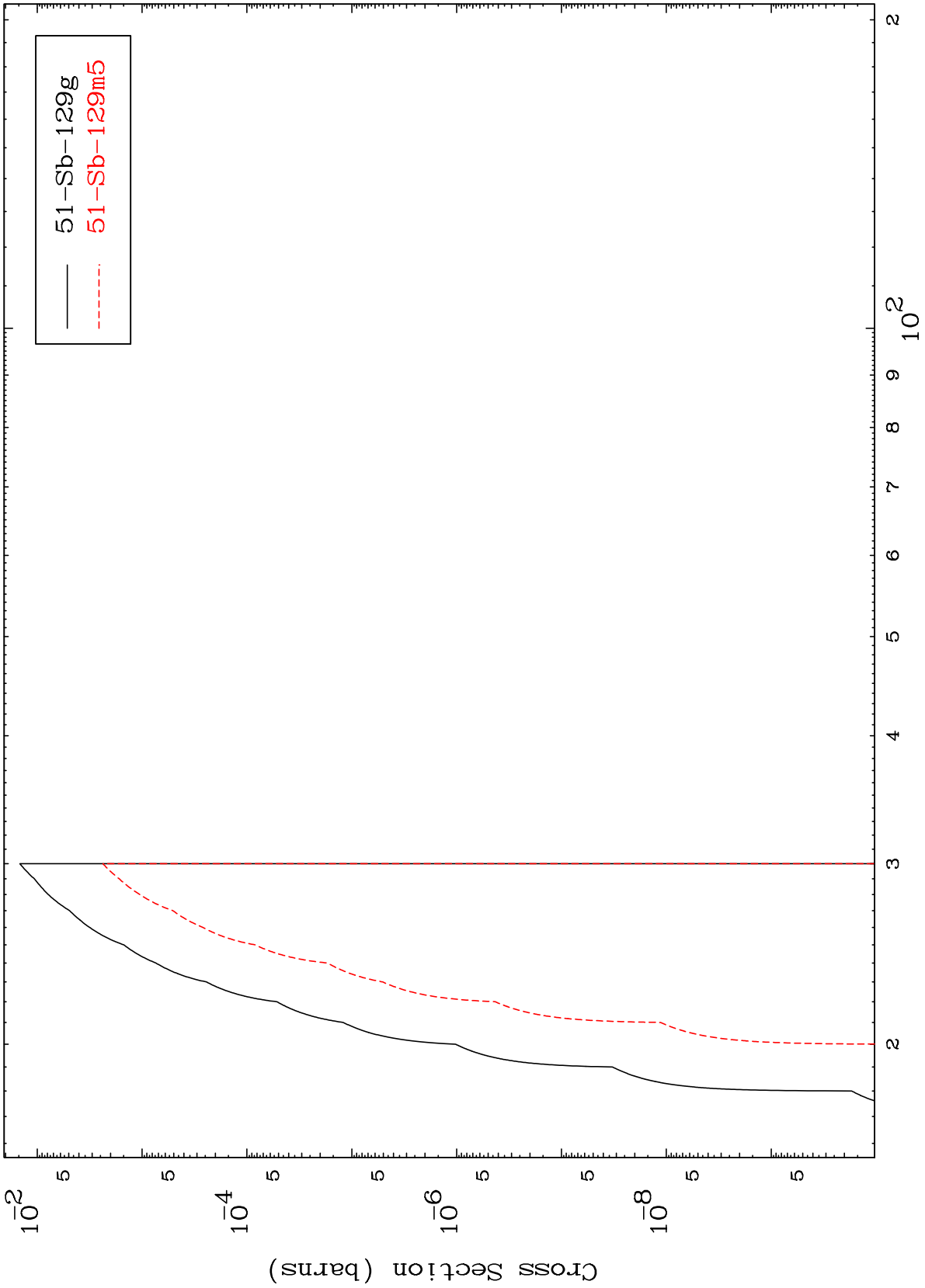
52-Te-131

MAT 5258

(n,2n) p

52-Te-131

Radionuclide Production Cross Section



51-Sb-129g
51-Sb-129m5

137

Incident Energy (MeV)

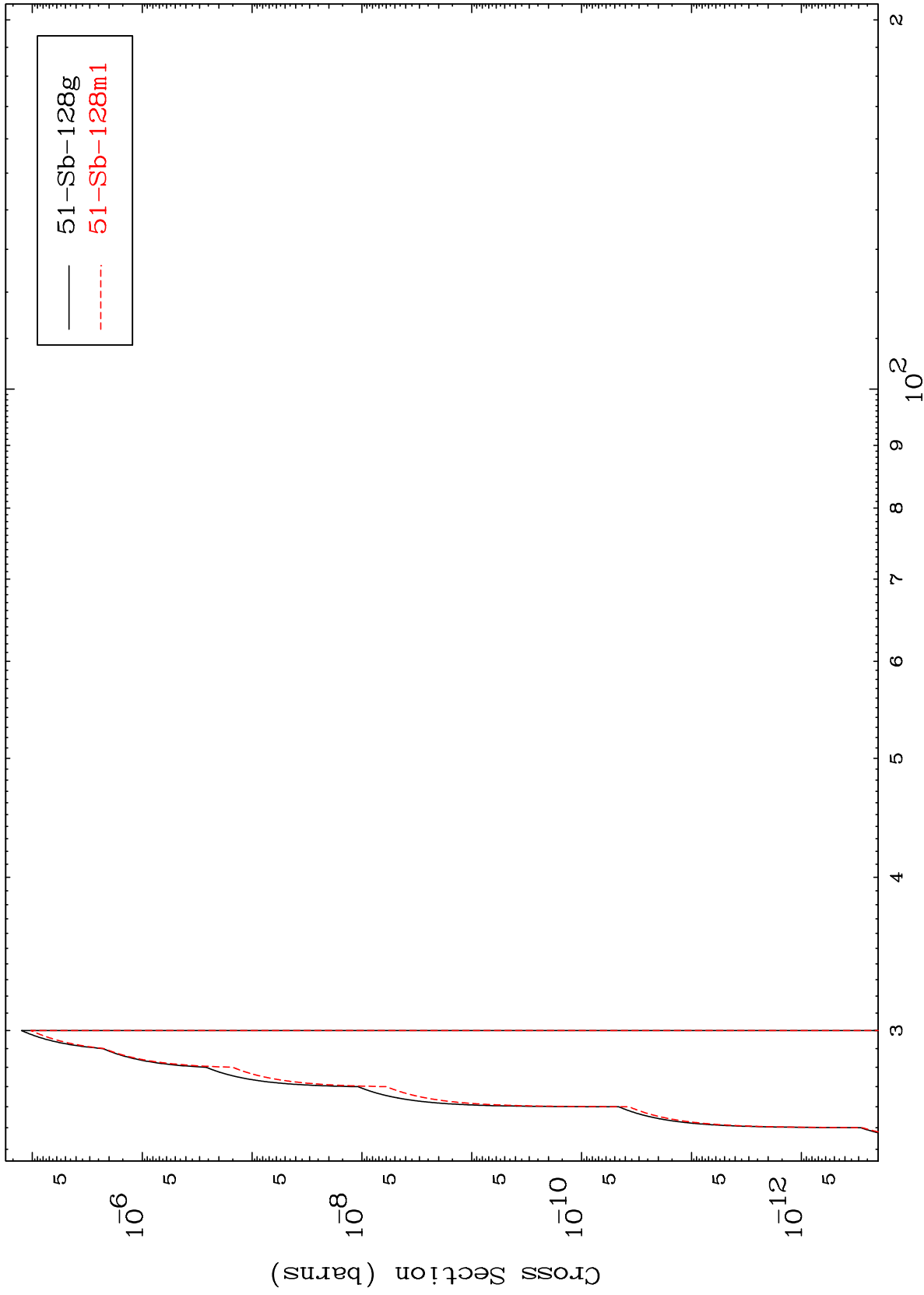
52-Te-131

MAT 5258

(n,3n) p

⁵²Te-131

Radionuclide Production Cross Section



138

Incident Energy (MeV)

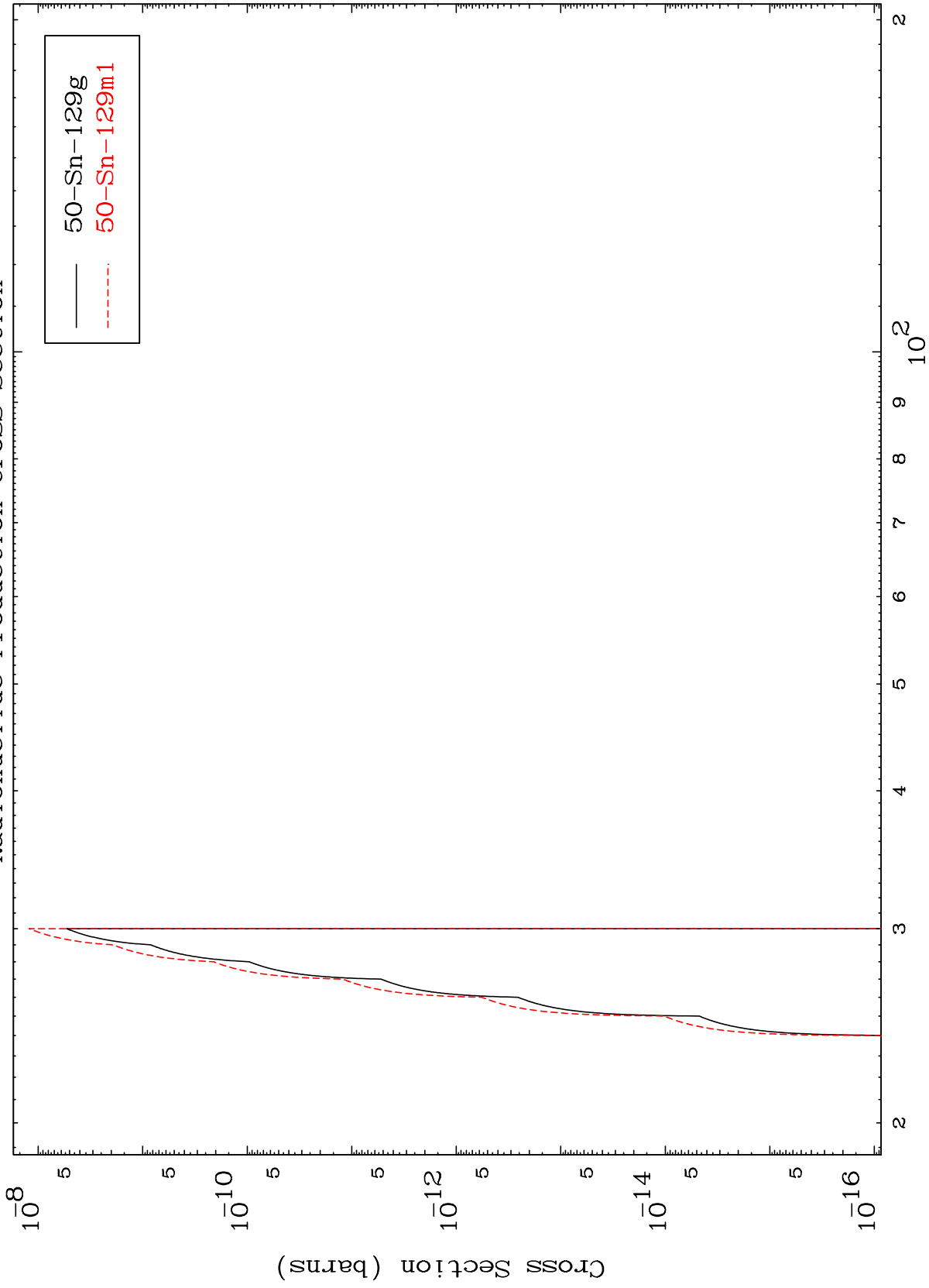
⁵²Te-131

MAT 5258

(n,2n) p

52-Te-131

Radionuclide Production Cross Section



139

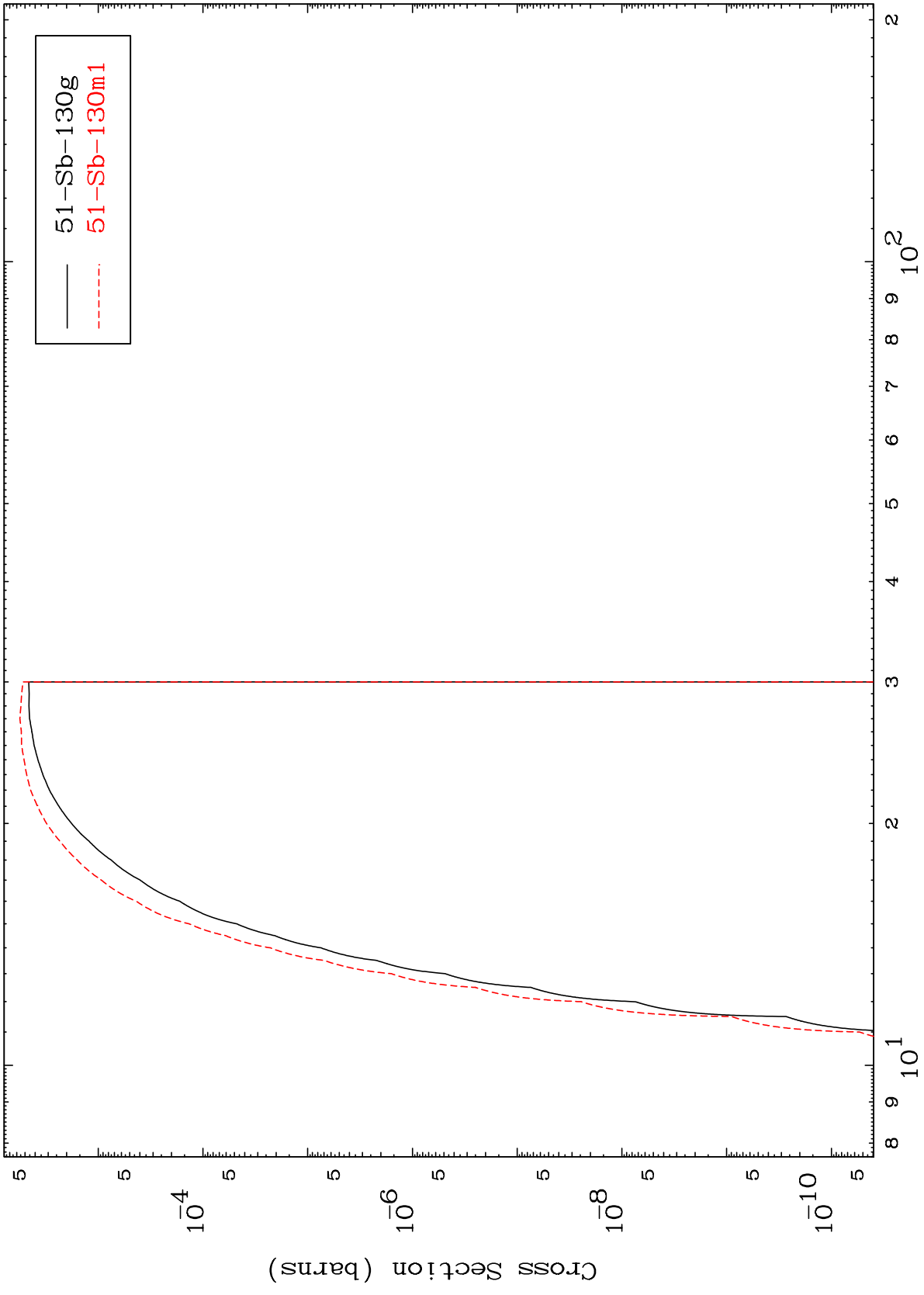
Incident Energy (MeV)

52-Te-131

MAT 5258

⁵²Te-131

(n,d)
Radionuclide Production Cross Section



140

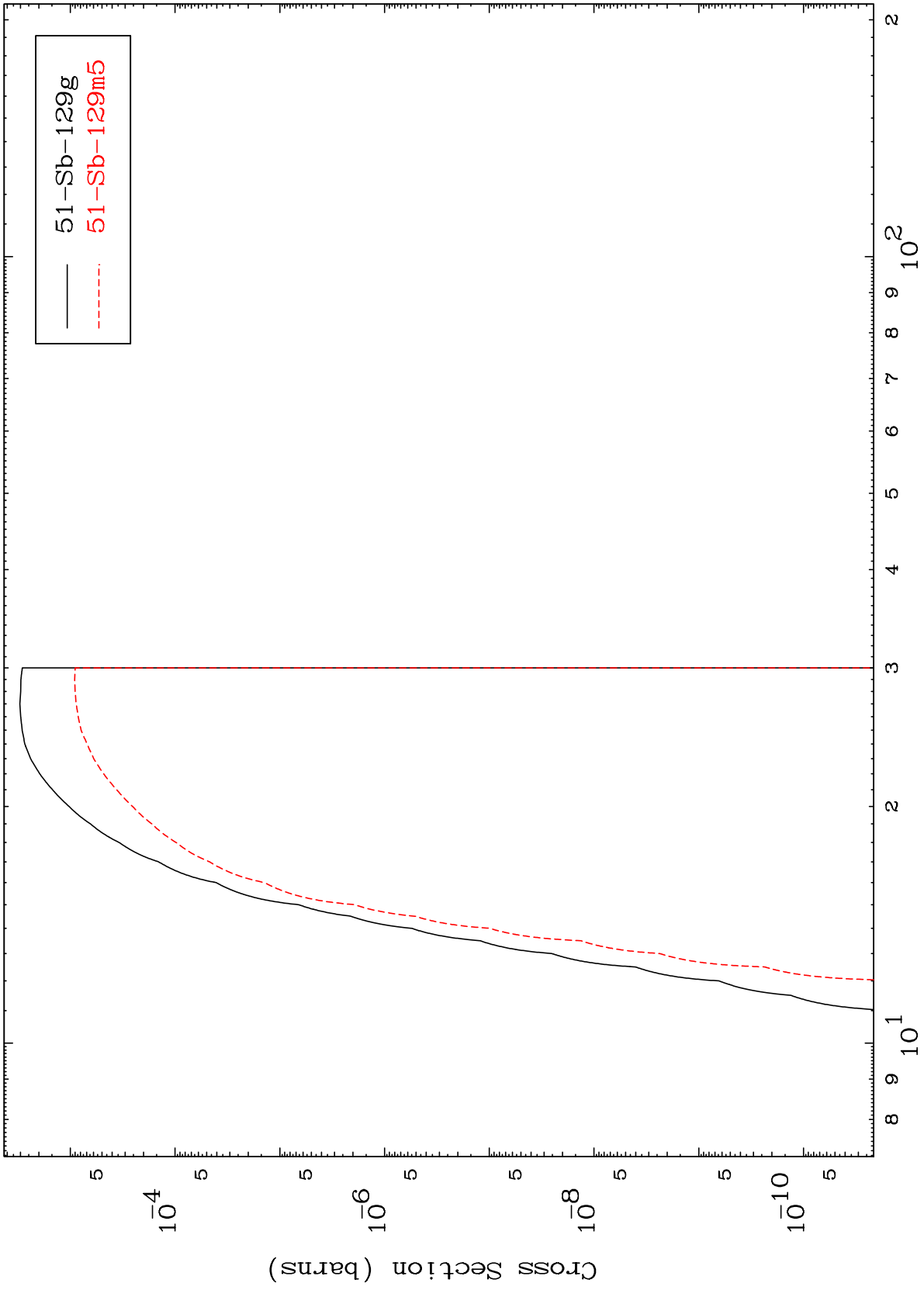
Incident Energy (MeV)

⁵²Te-131

MAT 5258

52-Te-131

(n, t)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

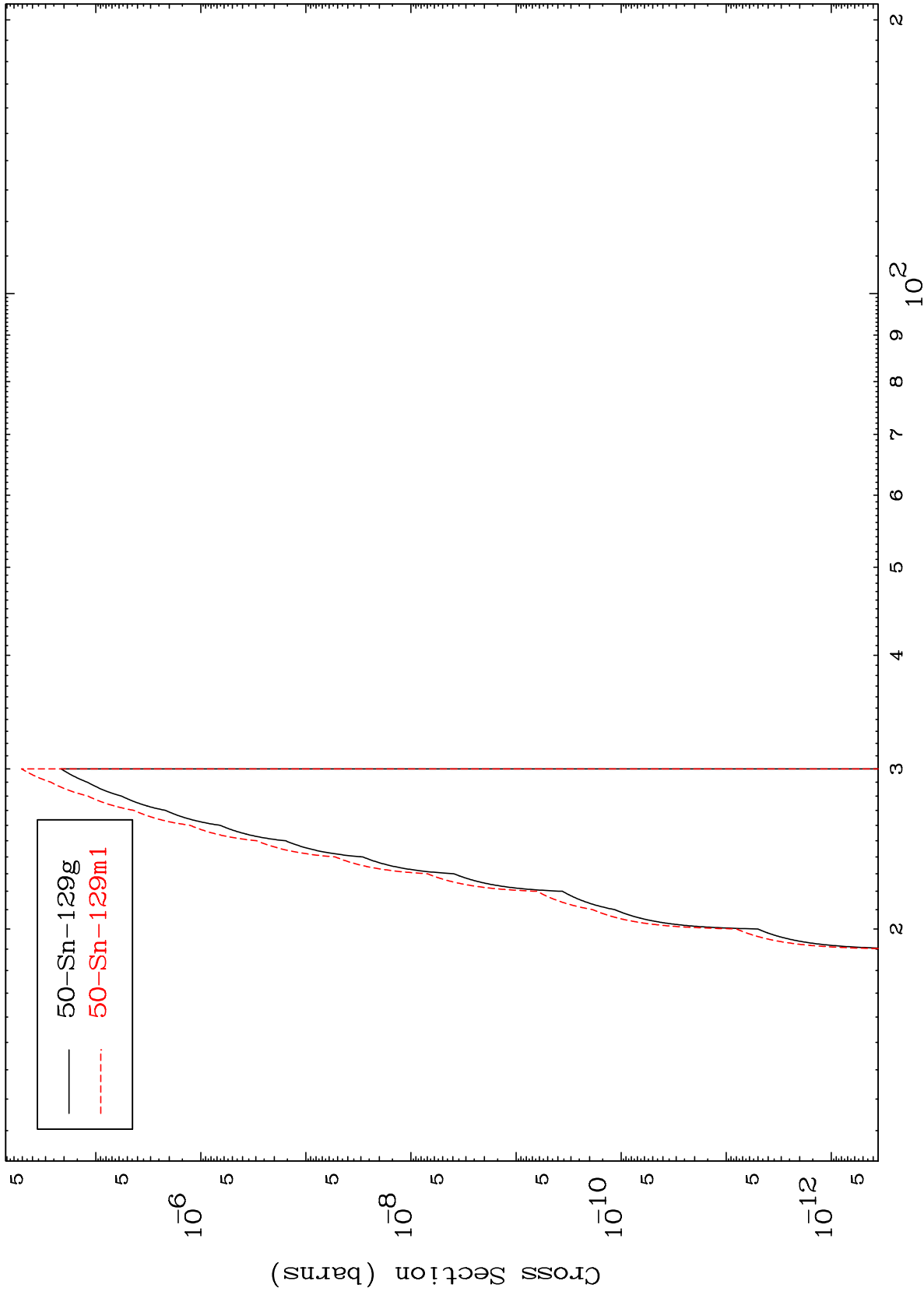
52-Te-131

MAT 5258

(n,He-3)

52-Te-131

Radionuclide Production Cross Section



142

Incident Energy (MeV)

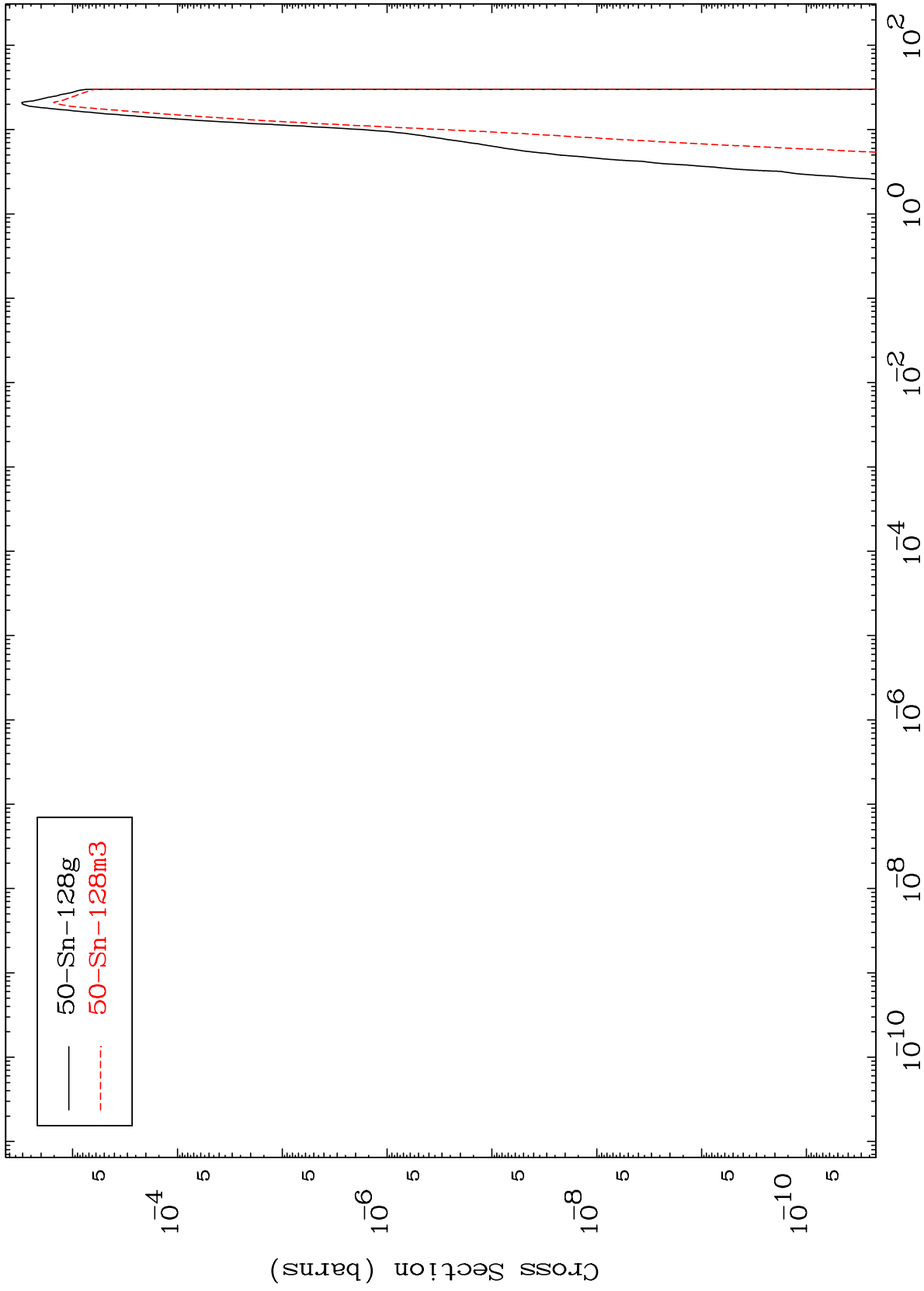
52-Te-131

MAT 5258

(n, α)

52-Te-131

Radionuclide Production Cross Section



143

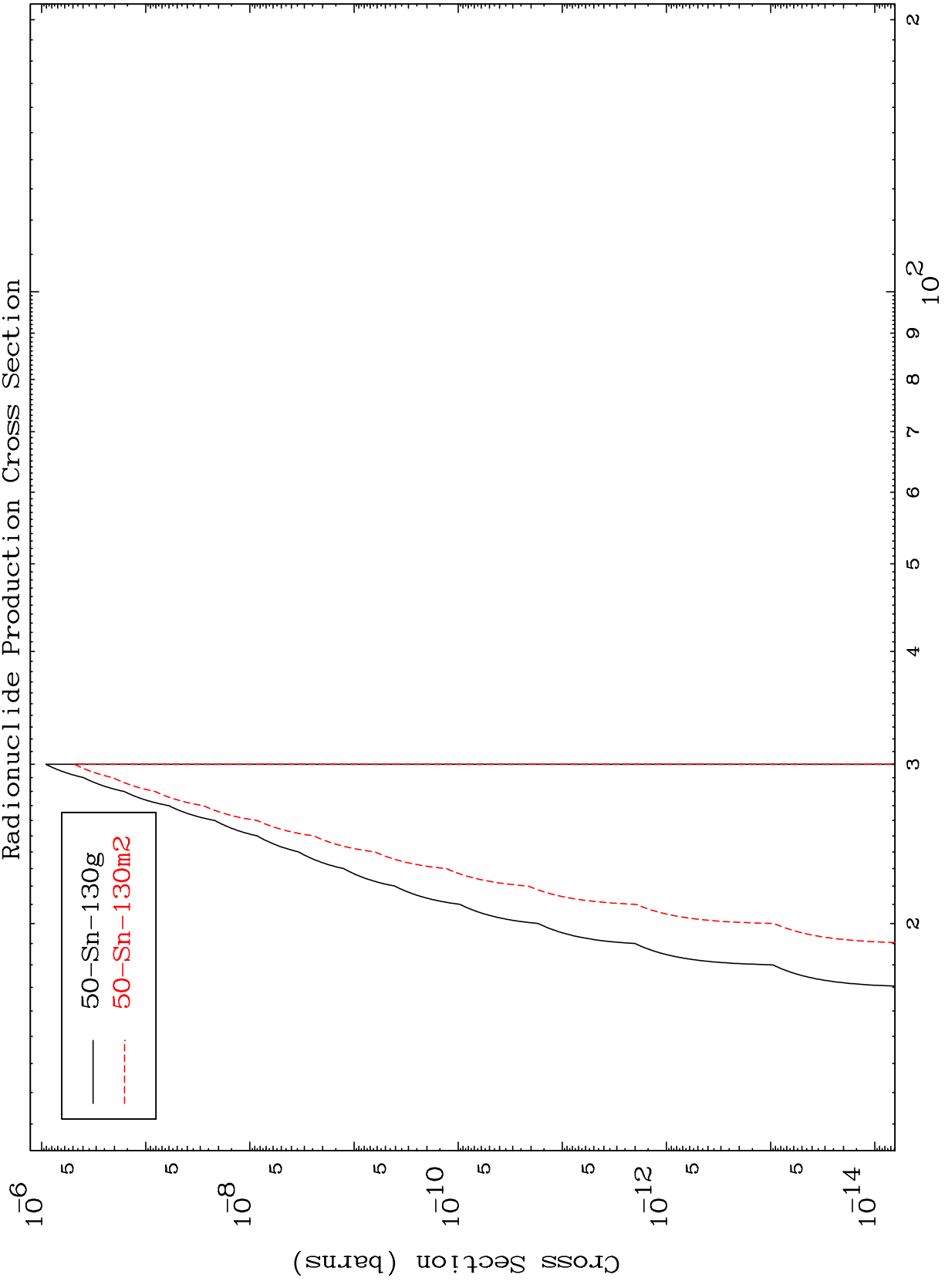
Incident Energy (MeV)

52-Te-131

MAT 5258

52-Te-131

Radionuclide Production Cross Section
(n,2p)



144

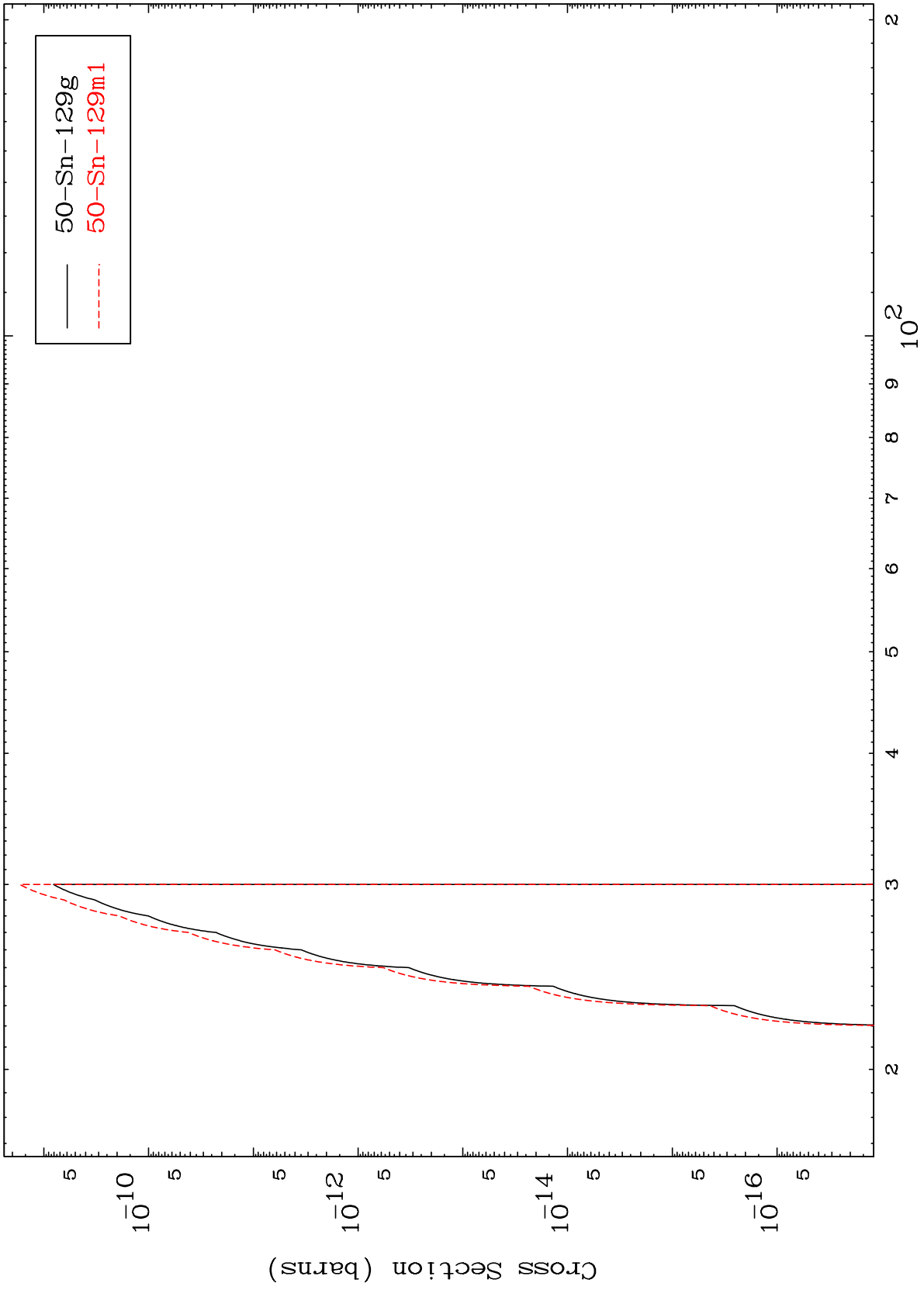
52-Te-131

MAT 5258

(n,p) d

52-Te-131

Radionuclide Production Cross Section



145

Incident Energy (MeV)

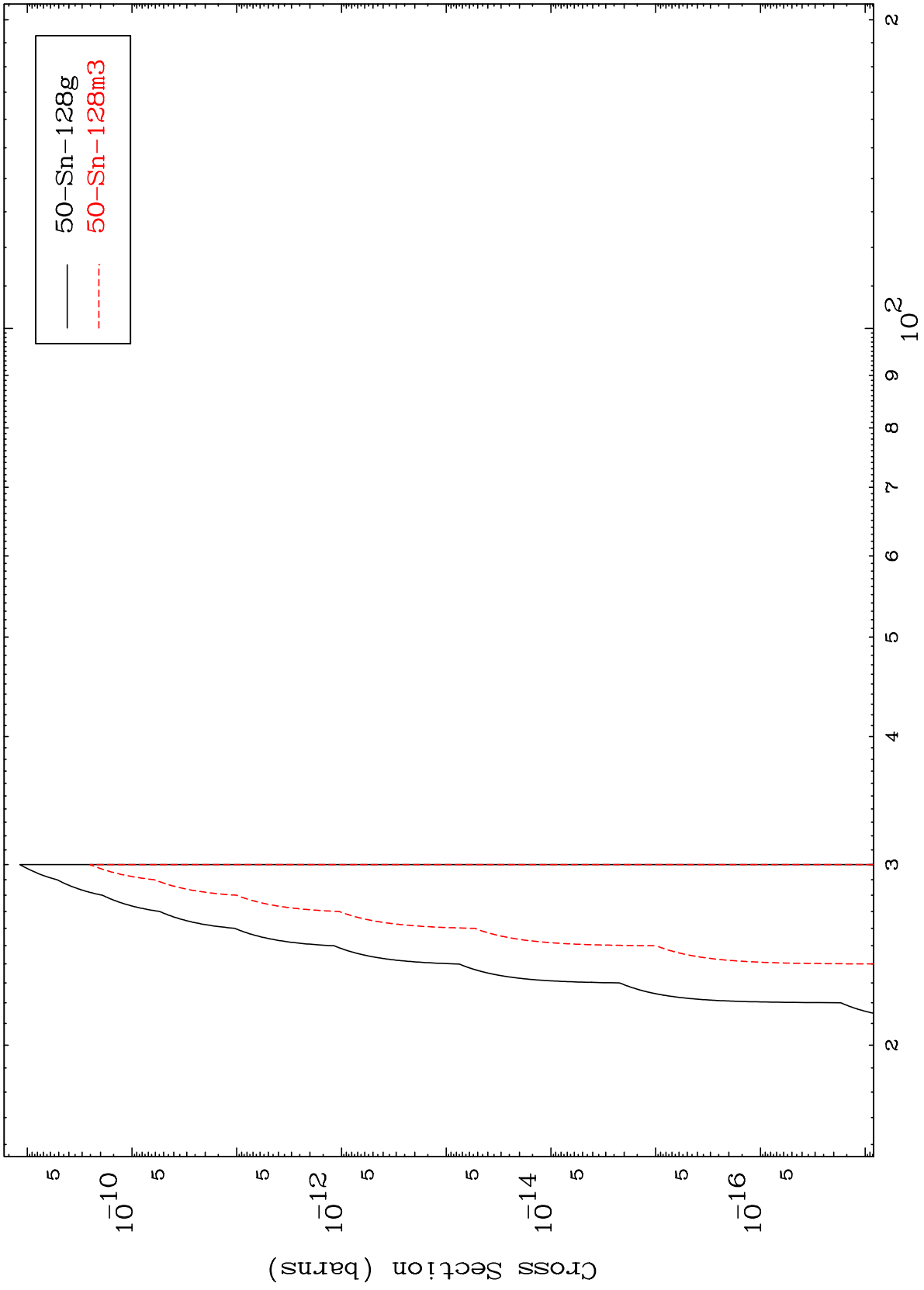
52-Te-131

MAT 5258

(n,p) t

⁵²Te-131

Radionuclide Production Cross Section



146

Incident Energy (MeV)

⁵²Te-131