

Program EVALPLOT
(Version 2018-1)

by

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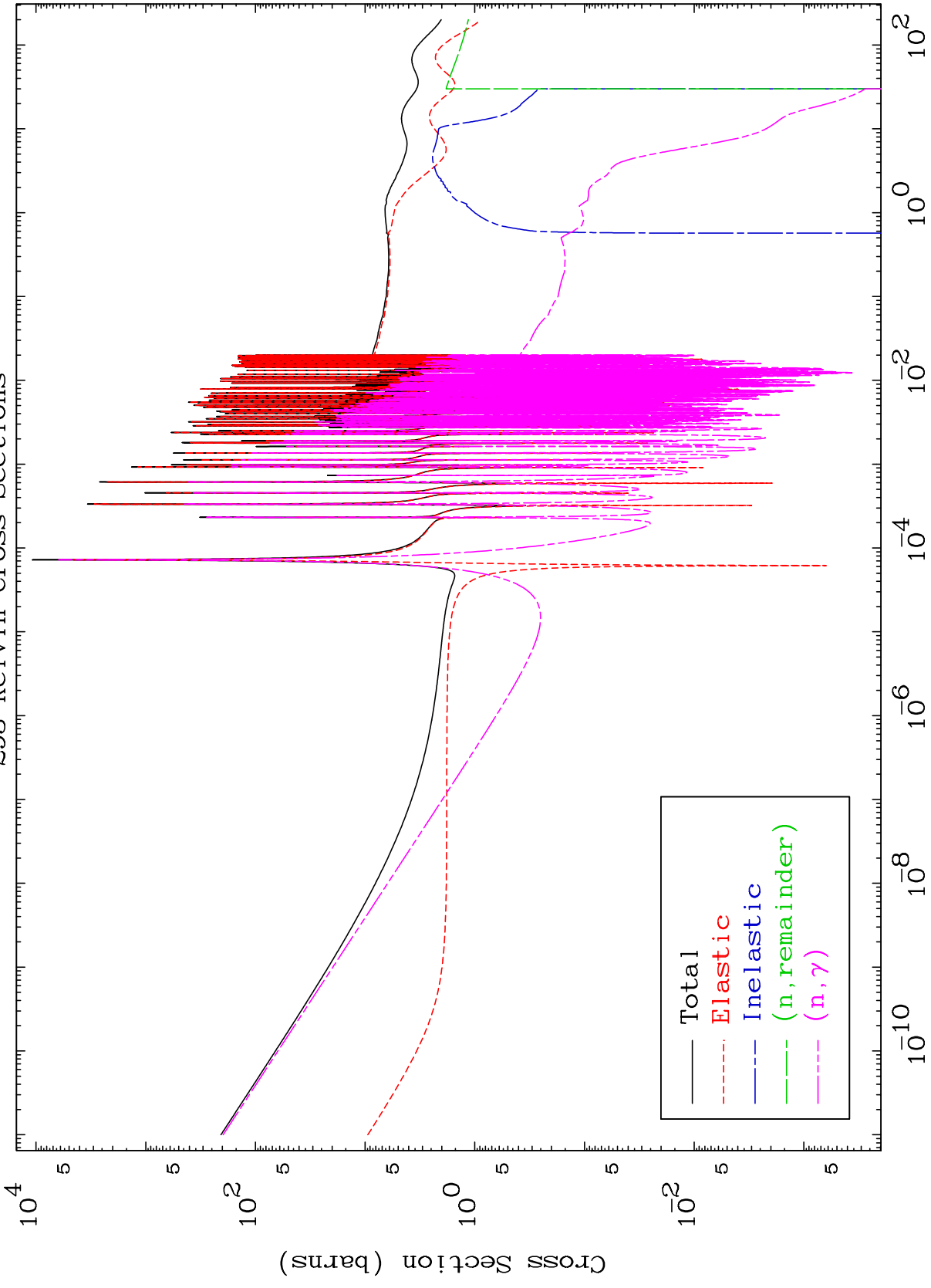
Press Mouse Button to Start

MAT 5231

Major

293 Kelvin Cross Sections

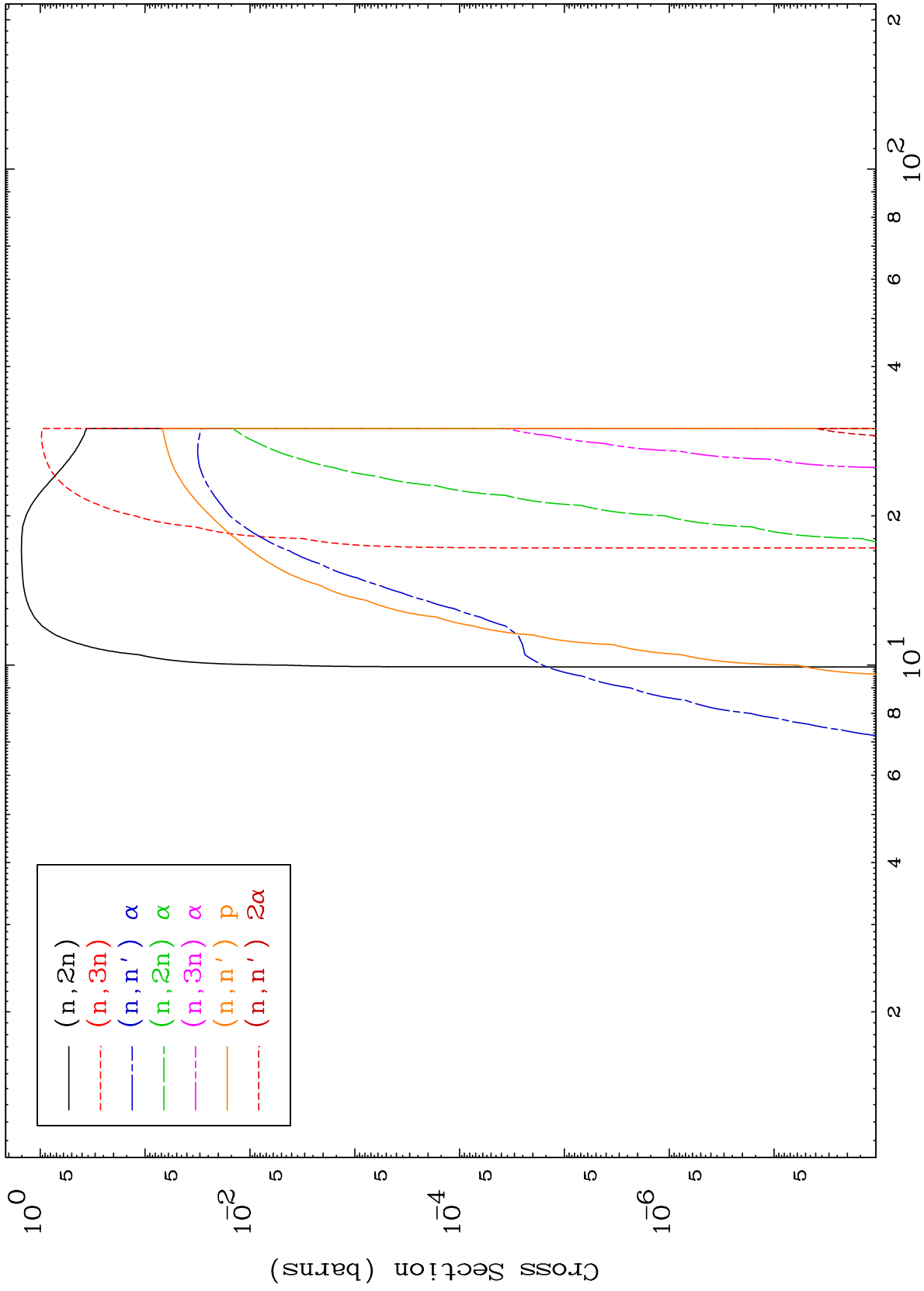
52-Te-122



MAT 5231

Neutron Production
293 Kelvin Cross Sections

52-Te-122



2

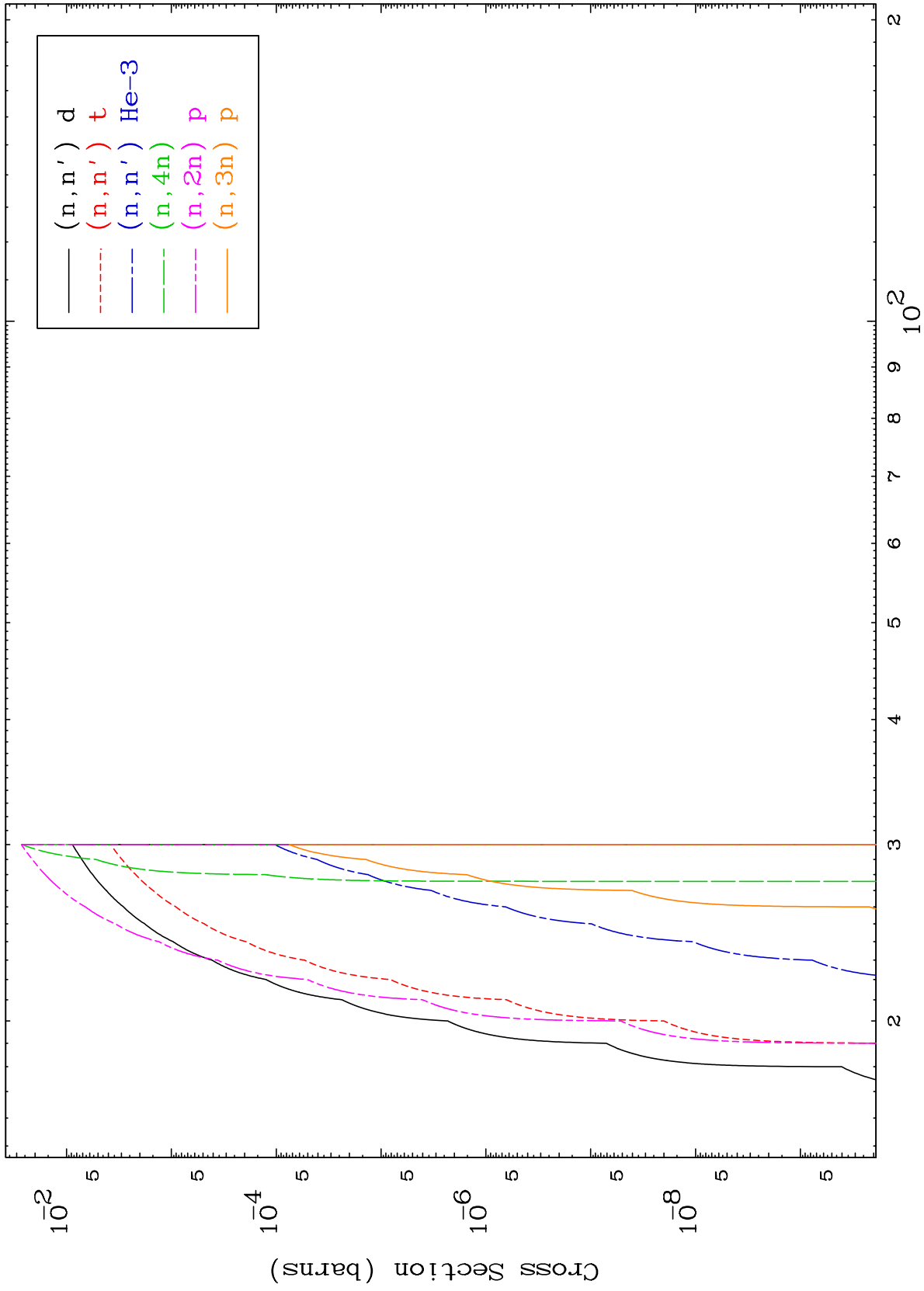
Incident Energy (MeV)

52-Te-122

MAT 5231

Neutron Production
293 Kelvin Cross Sections

52-Te-122



3

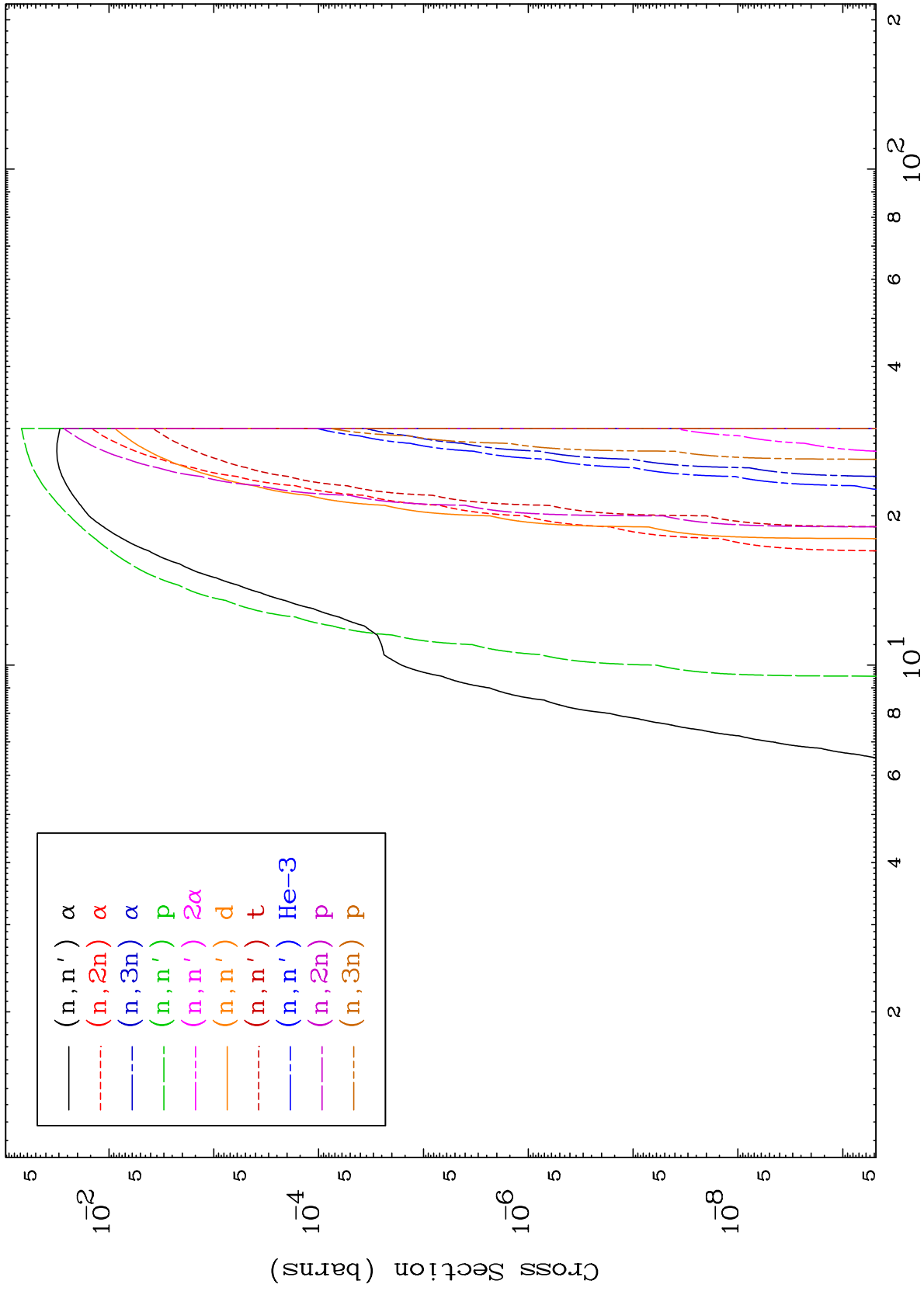
Incident Energy (MeV)

52-Te-122

MAT 5231

293 Kelvin Cross Sections

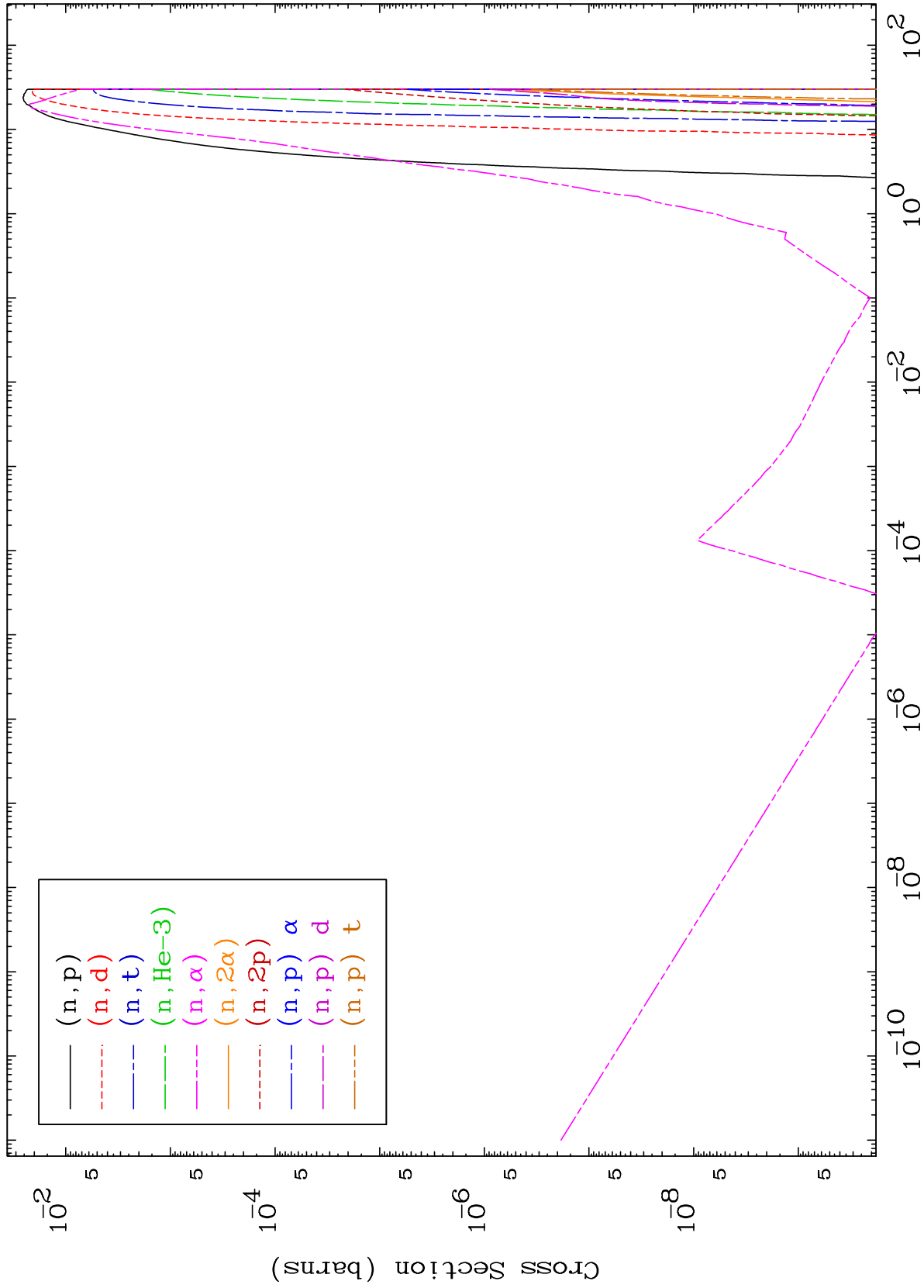
52-Te-122



MAT 5231

293 Kelvin Cross Sections

52-Te-122



5

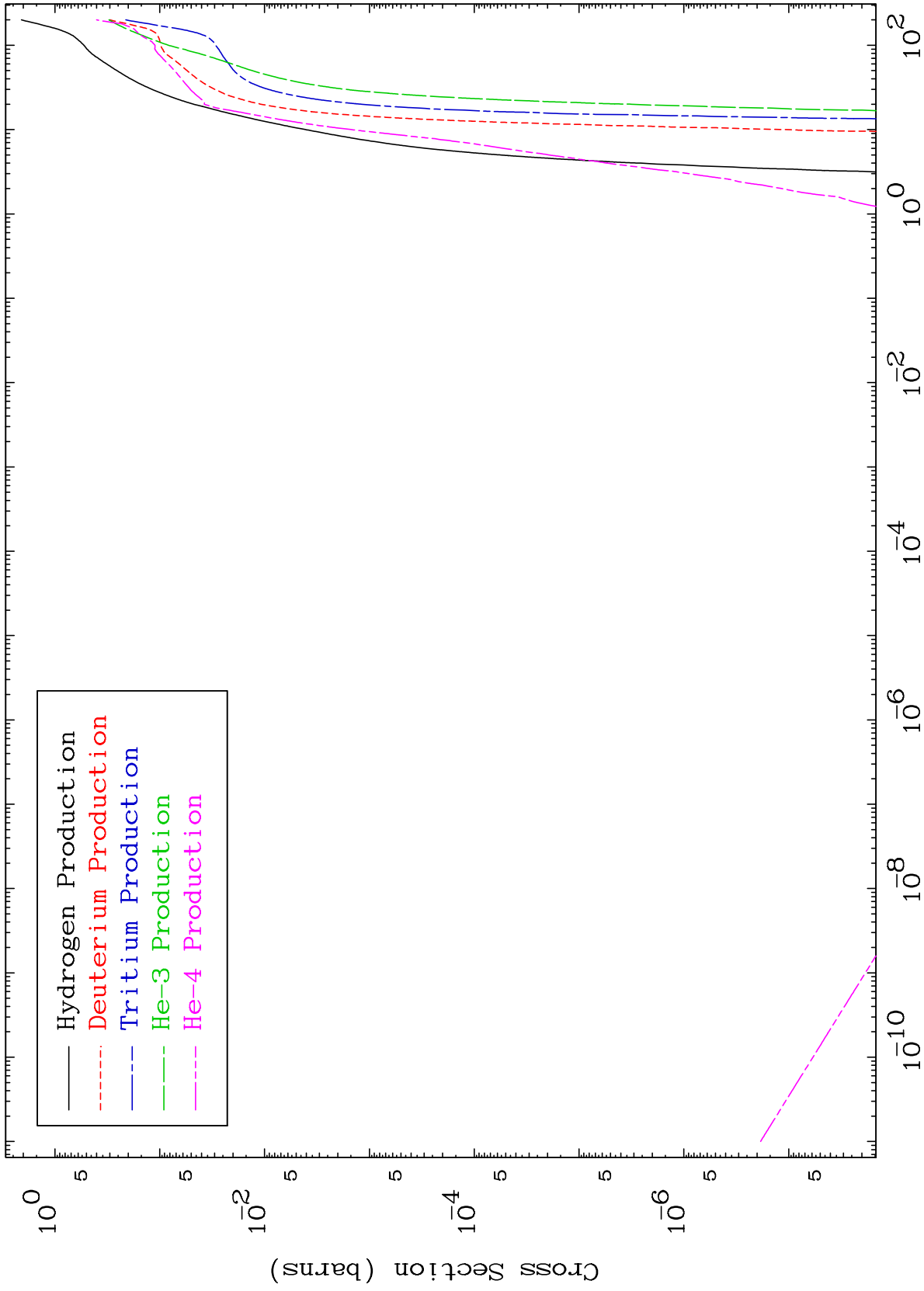
Incident Energy (MeV)

52-Te-122

MAT 5231

Particle Production
293 Kelvin Cross Sections

52-Te-122



6

Incident Energy (MeV)

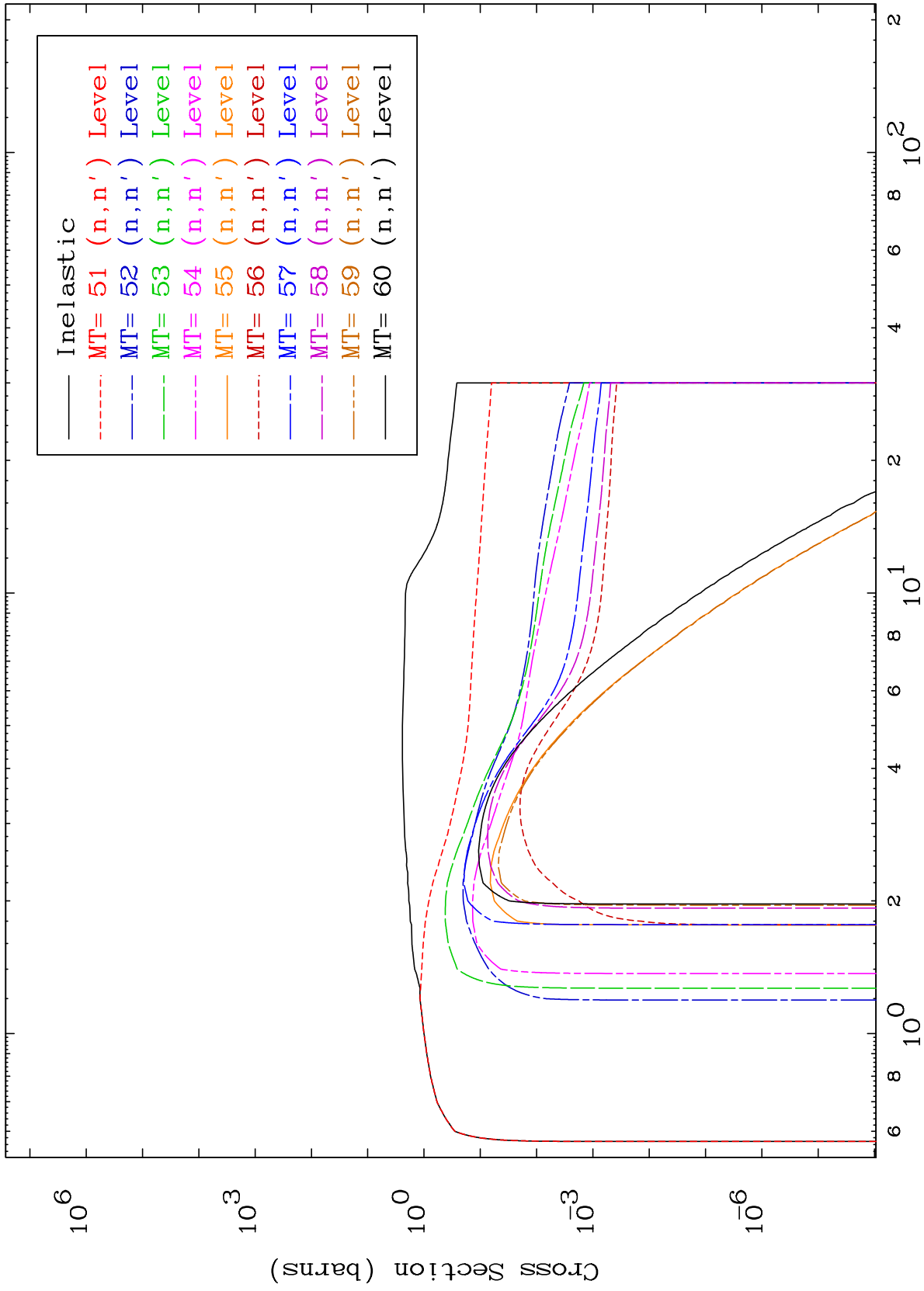
52-Te-122

MAT 5231

(n,n') Level

52-Te-122

293 Kelvin Cross Sections



7

Incident Energy (MeV)

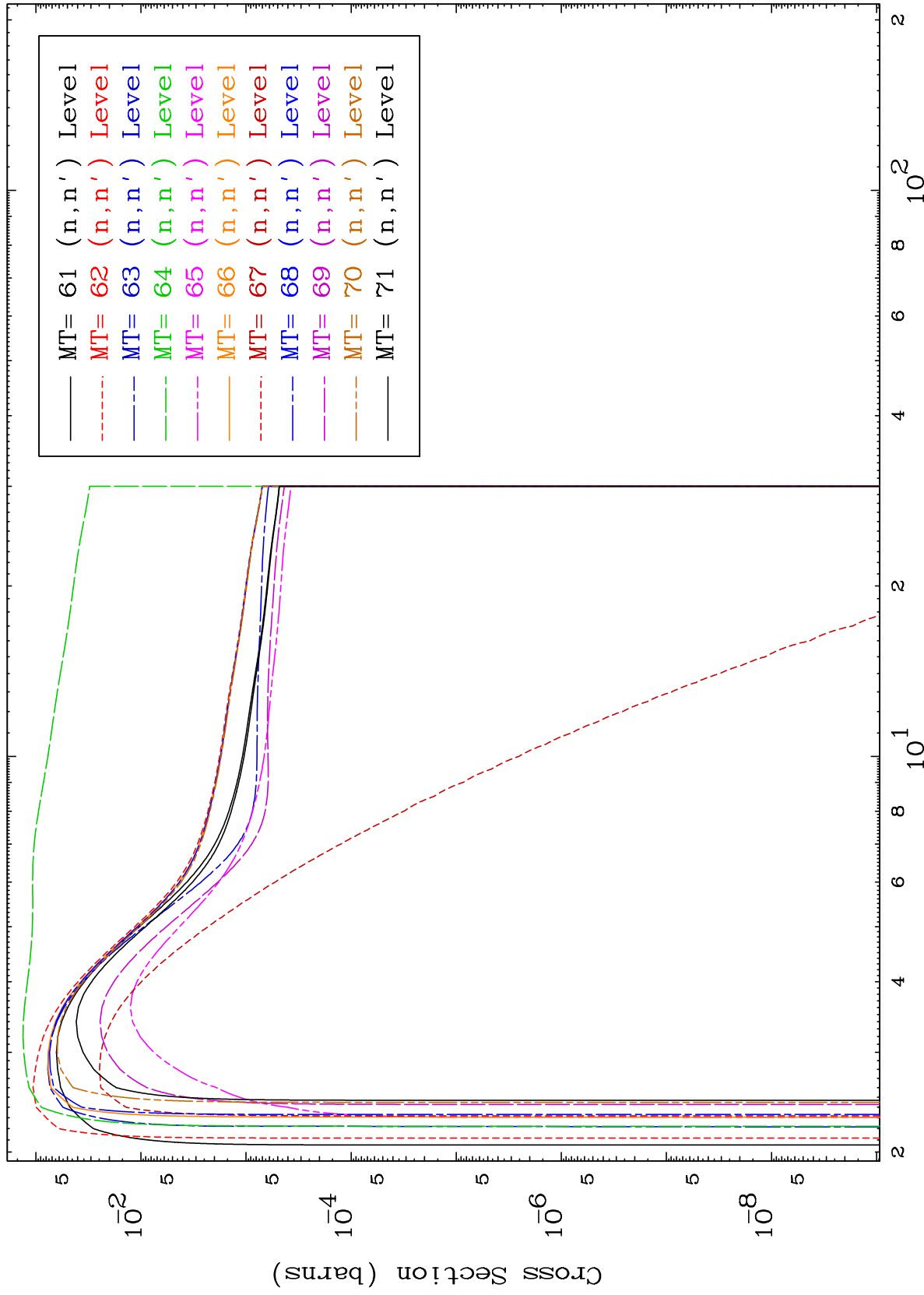
52-Te-122

MAT 5231

(n,n') Level

52-Te-122

293 Kelvin Cross Sections



8

Incident Energy (MeV)

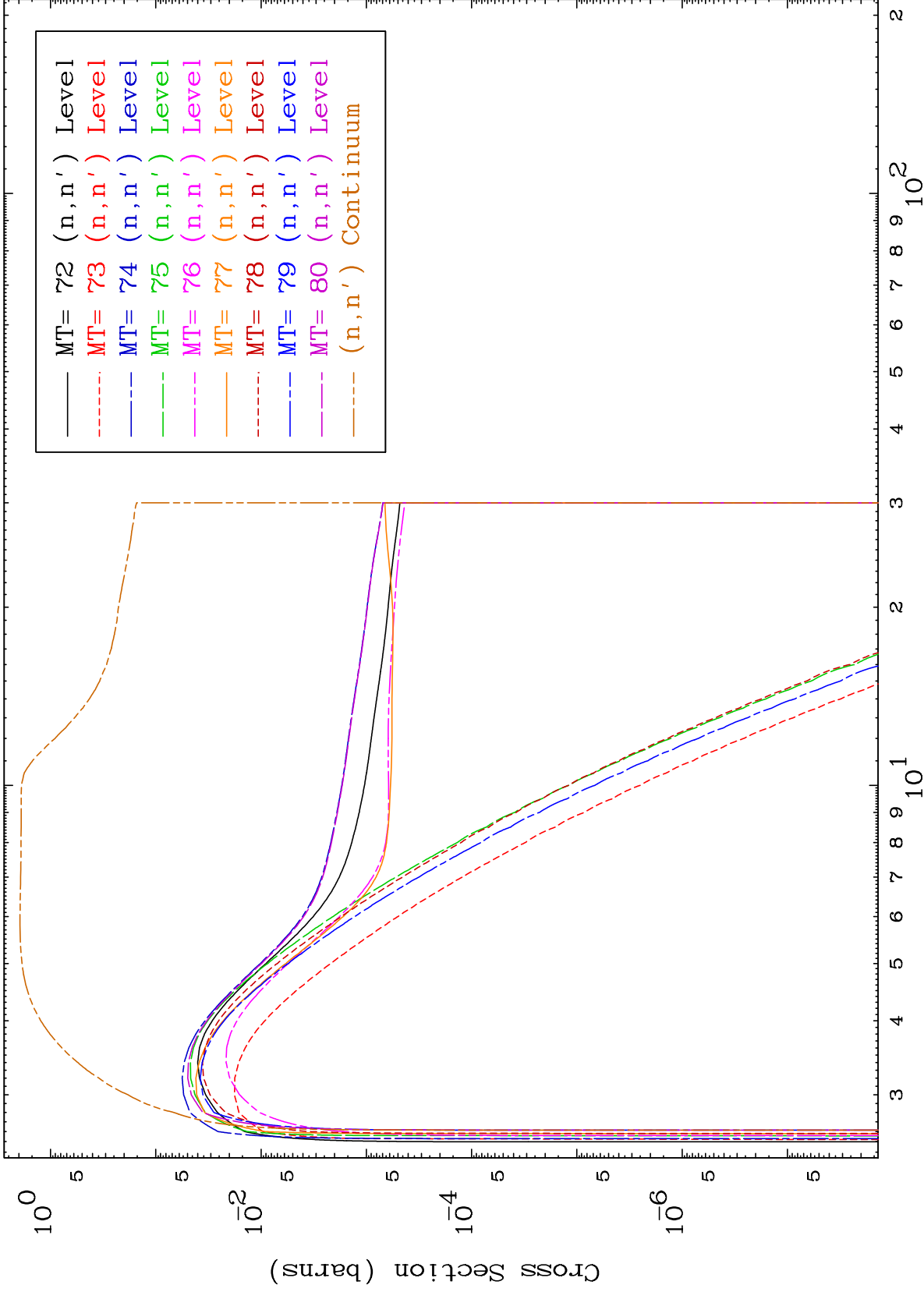
52-Te-122

MAT 5231

(n,n') Level

52-Te-122

293 Kelvin Cross Sections



9

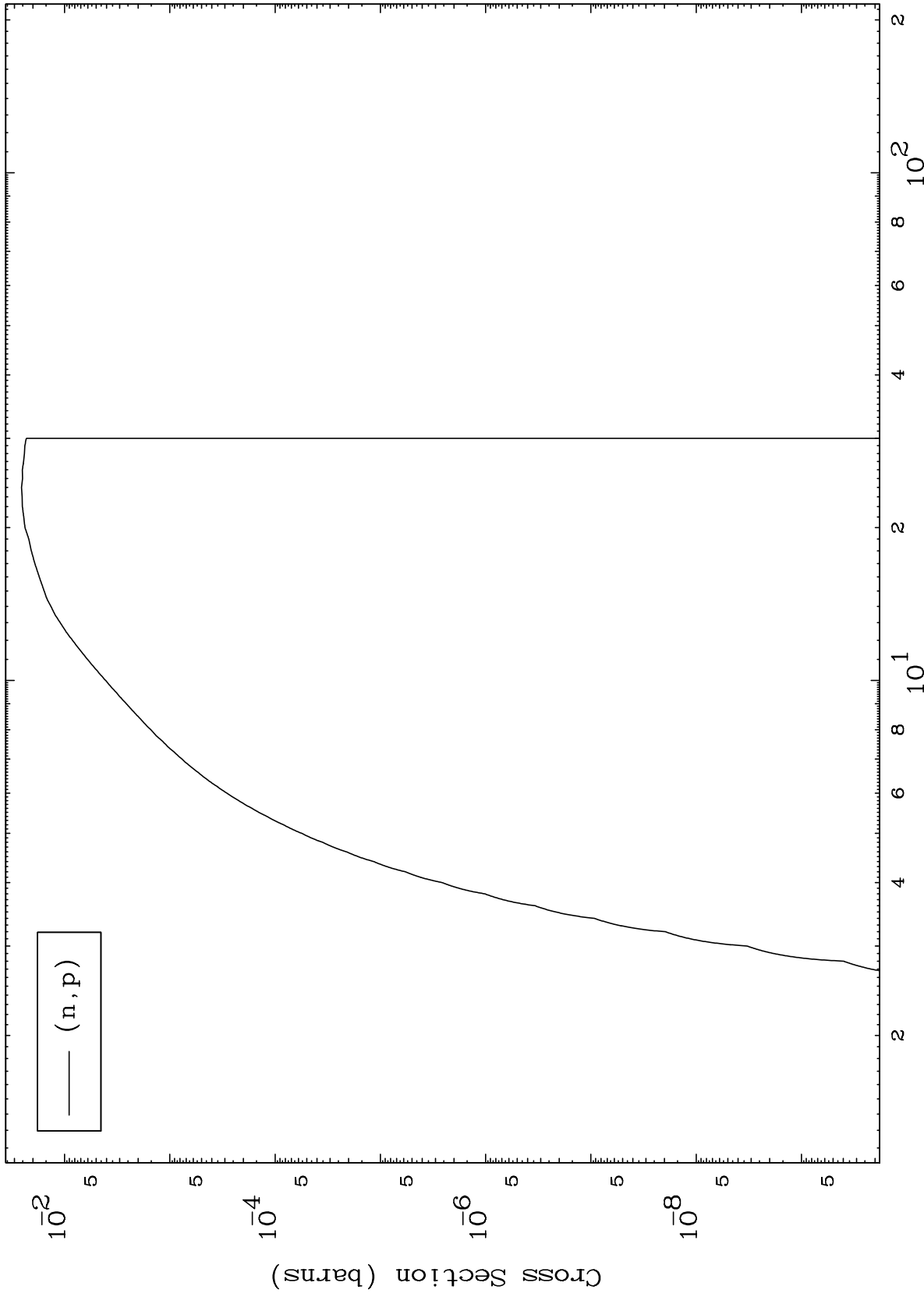
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,p) Levels
293 Kelvin Cross Sections

52-Te-122



10

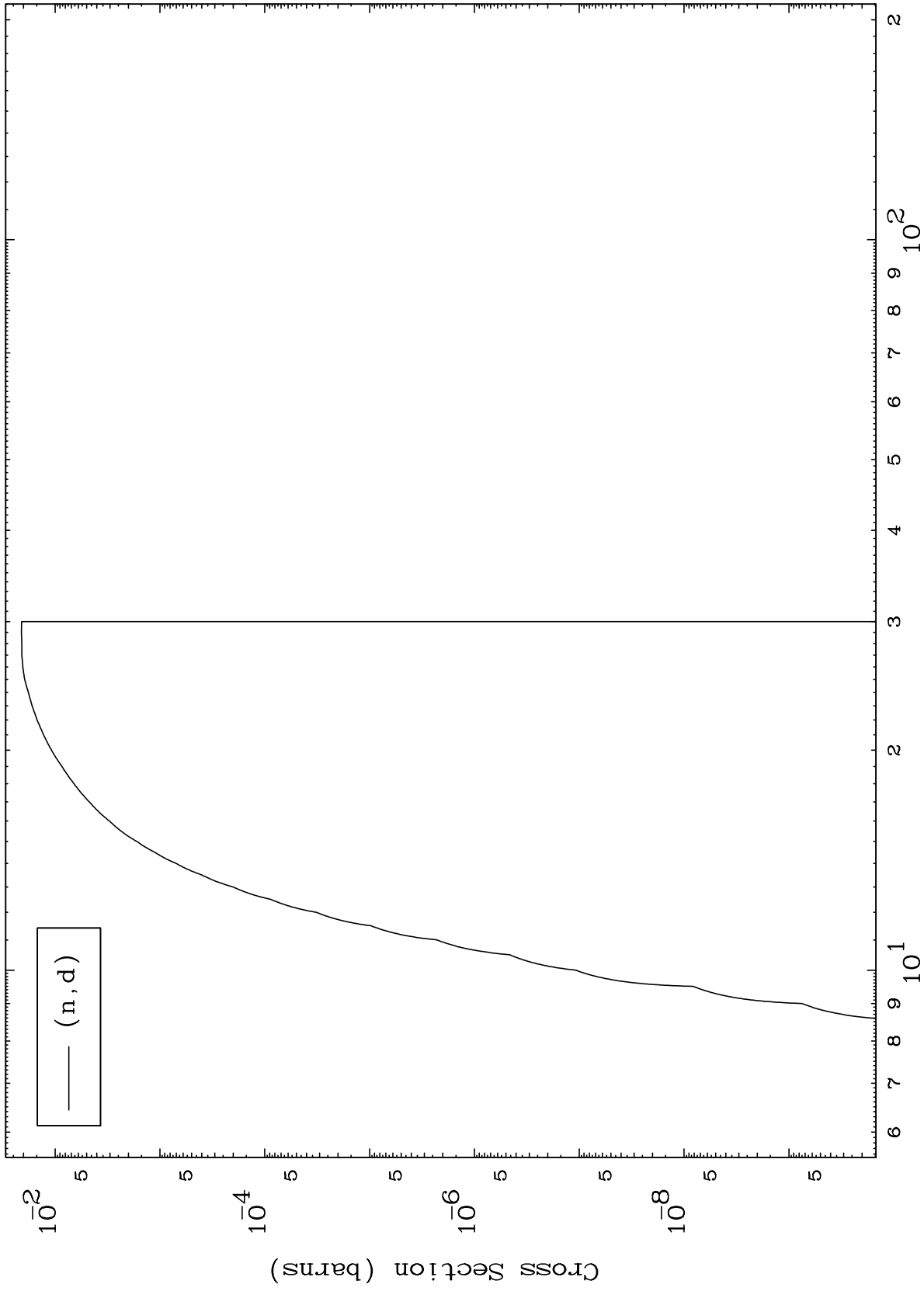
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,d) Levels
293 Kelvin Cross Sections

52-Te-122



11

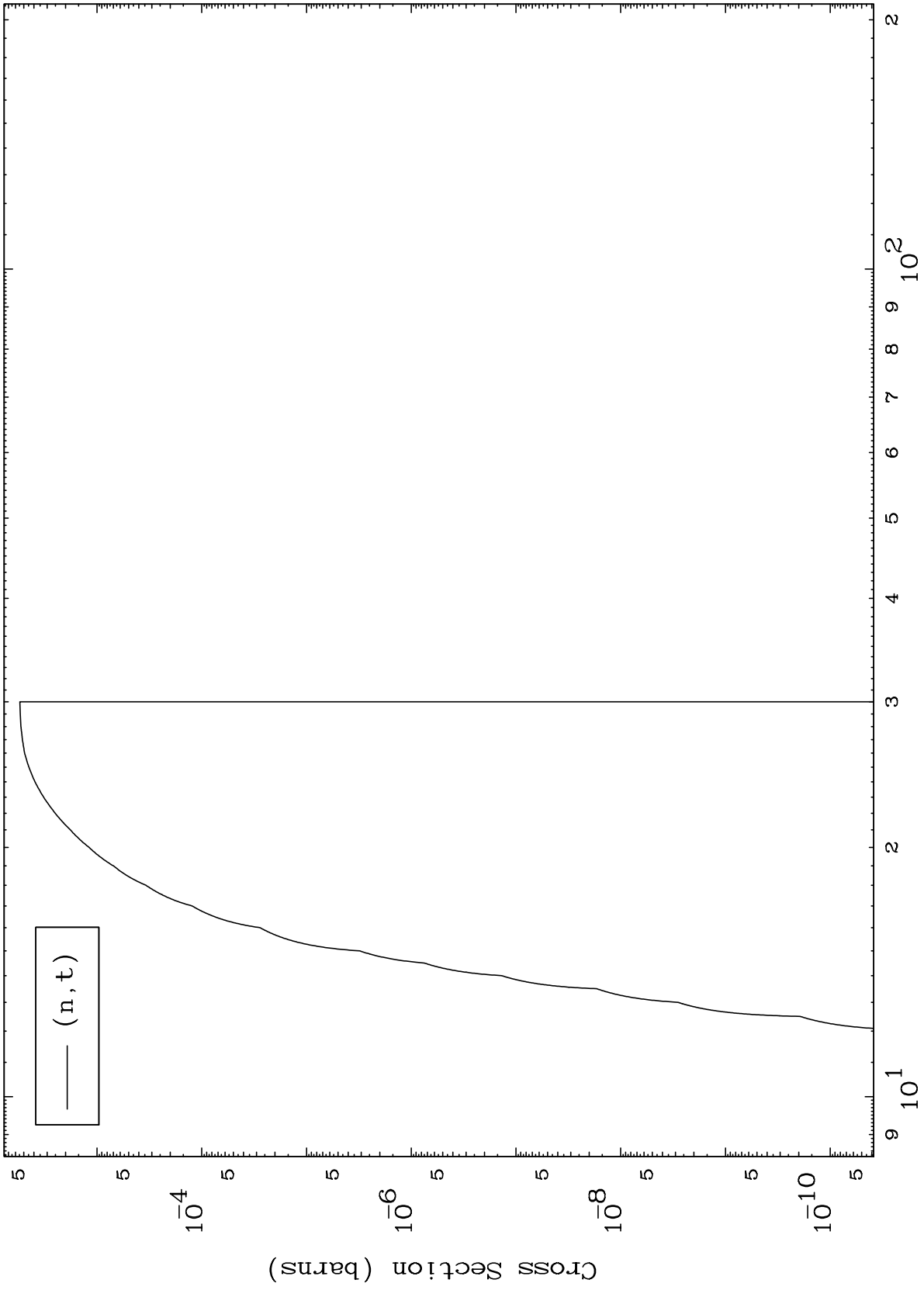
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,t) Levels
293 Kelvin Cross Sections

52-Te-122



12

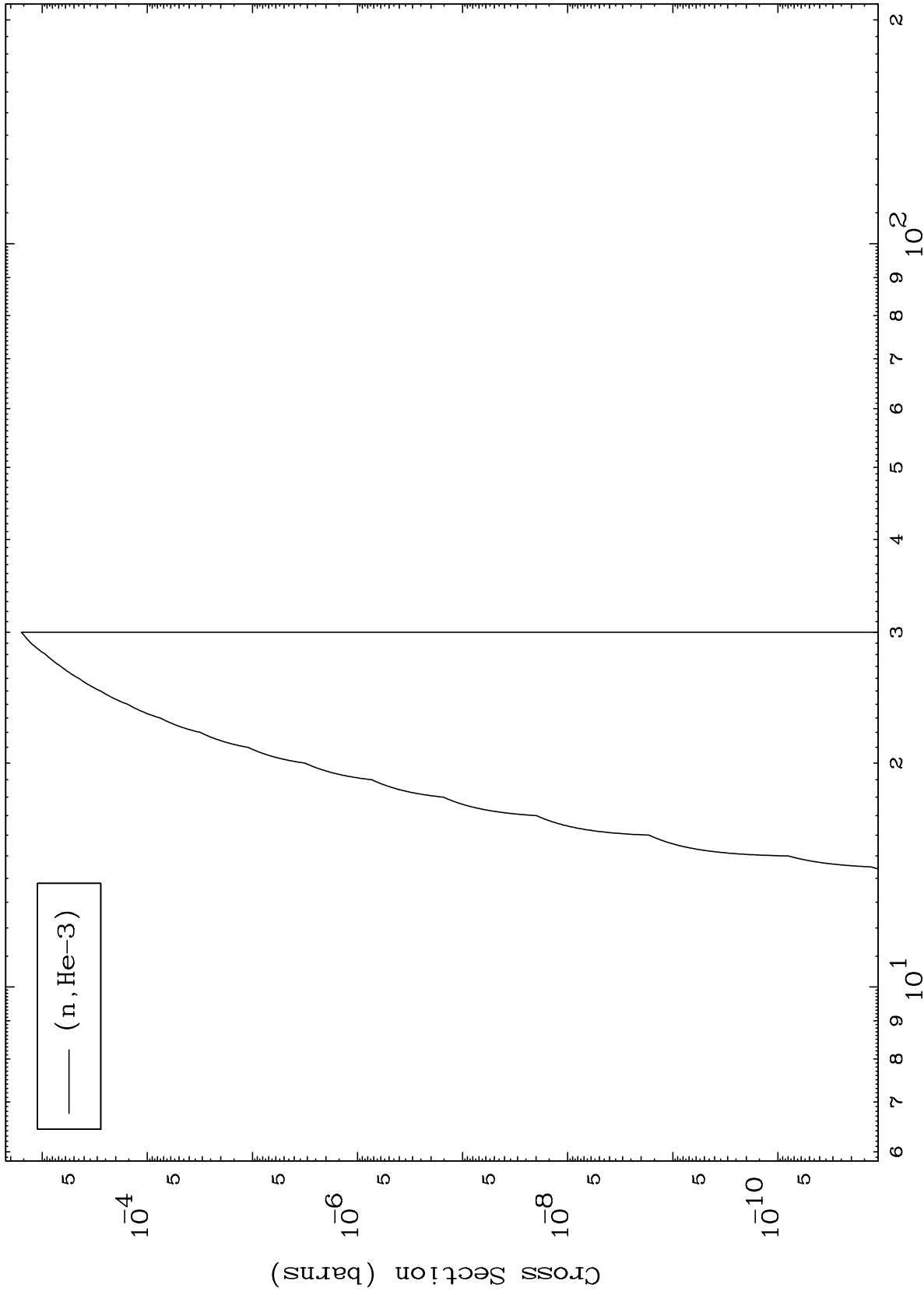
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-122



13

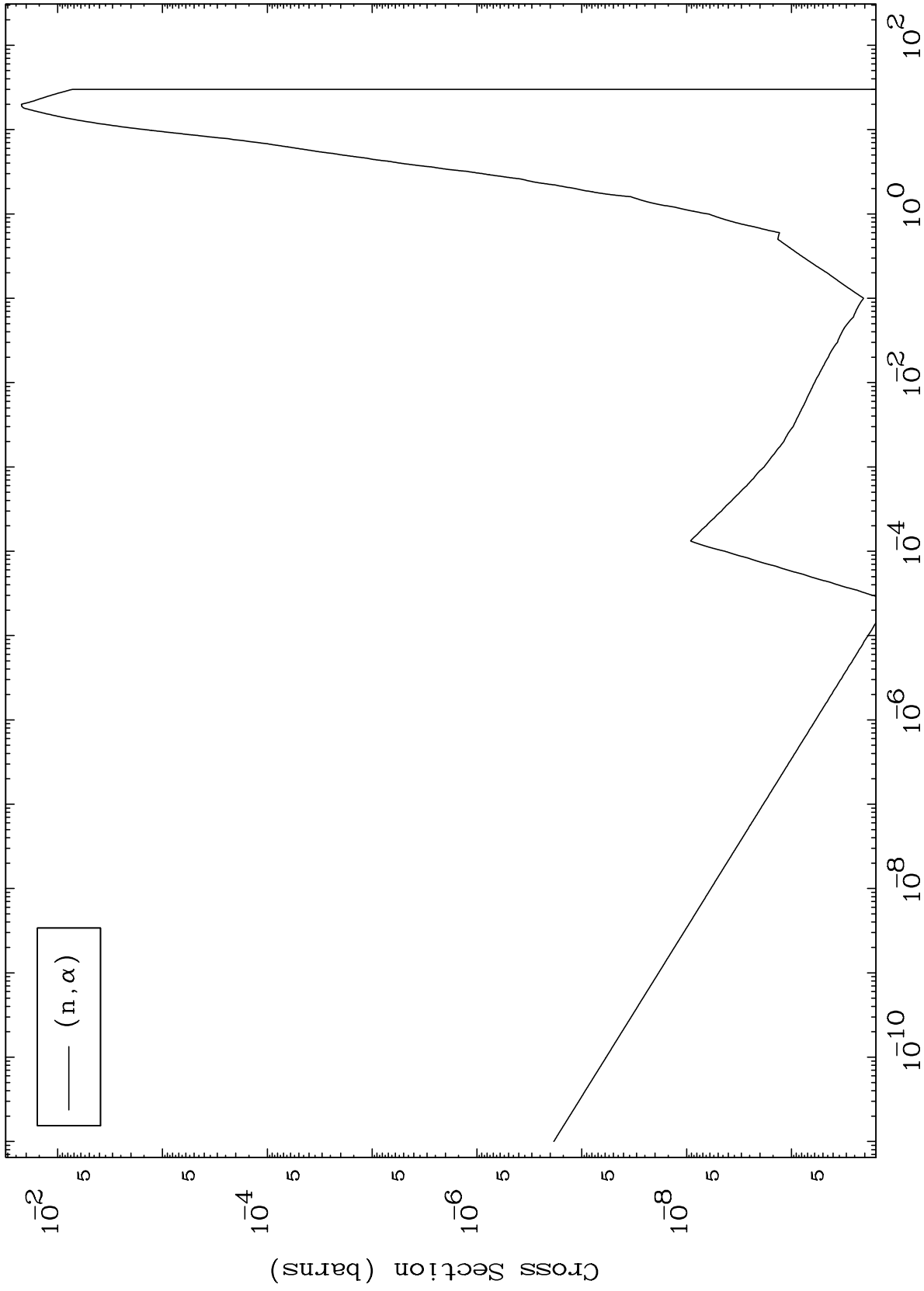
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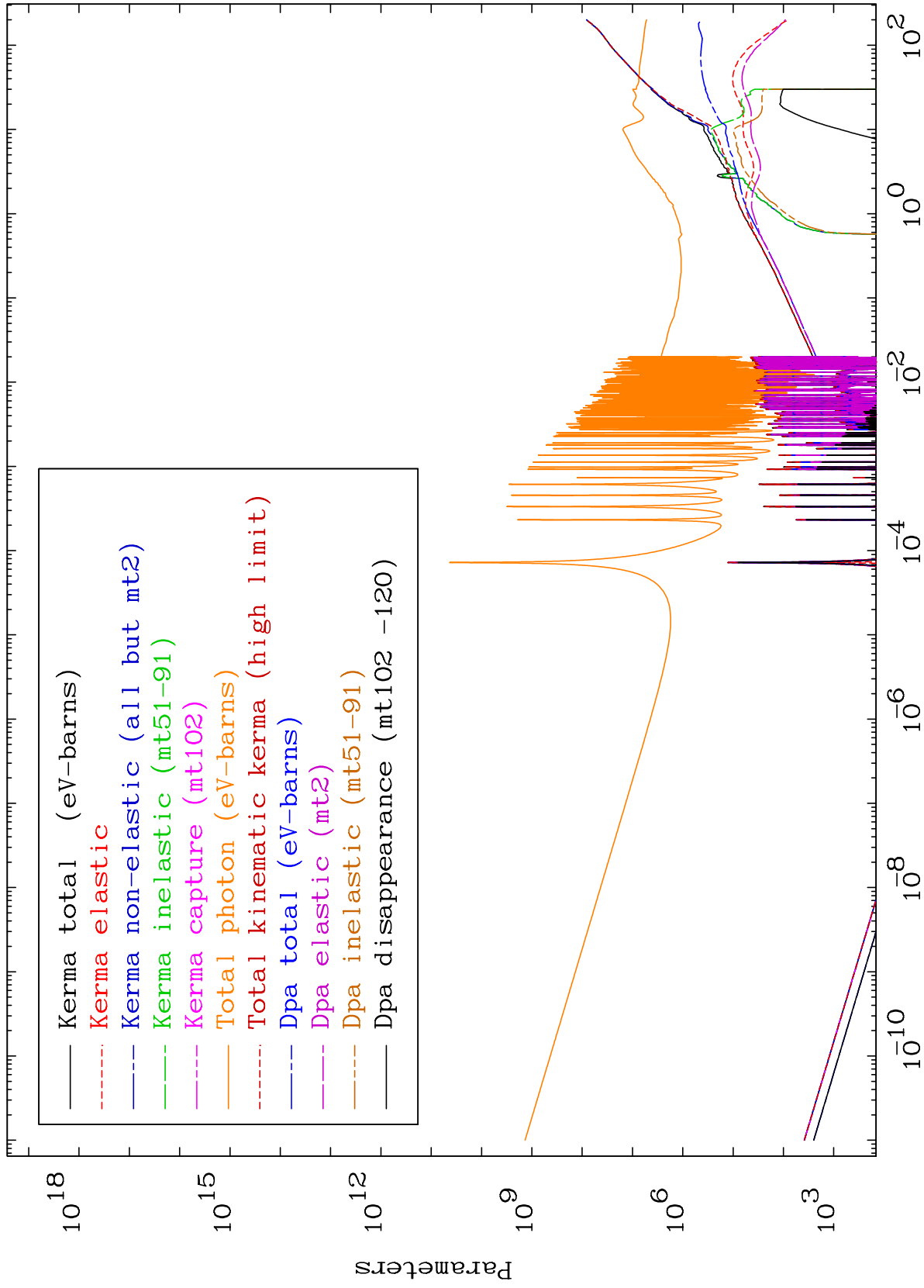
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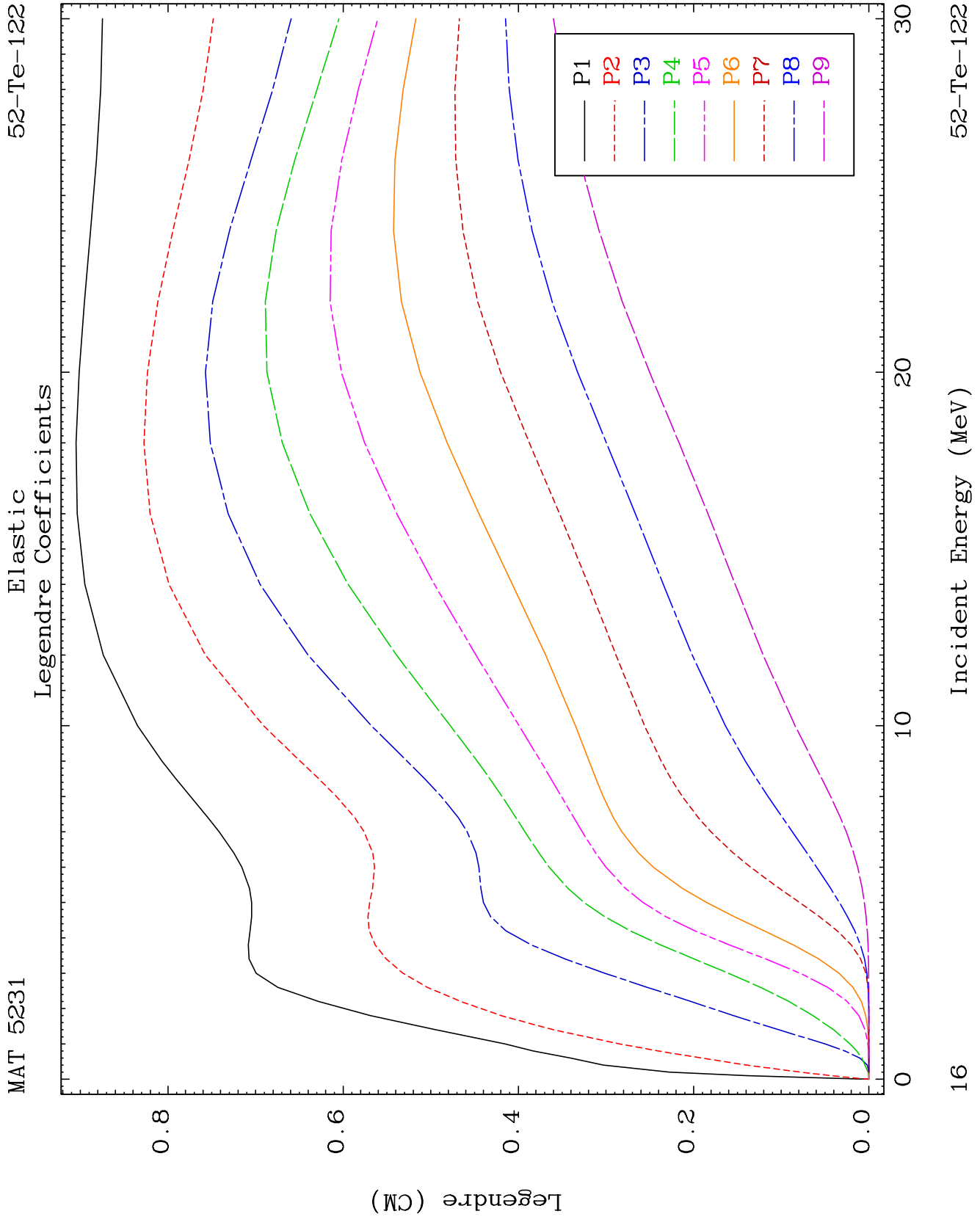
MAT 5231

(n,α) Levels
293 Kelvin Cross Sections

52-Te-122



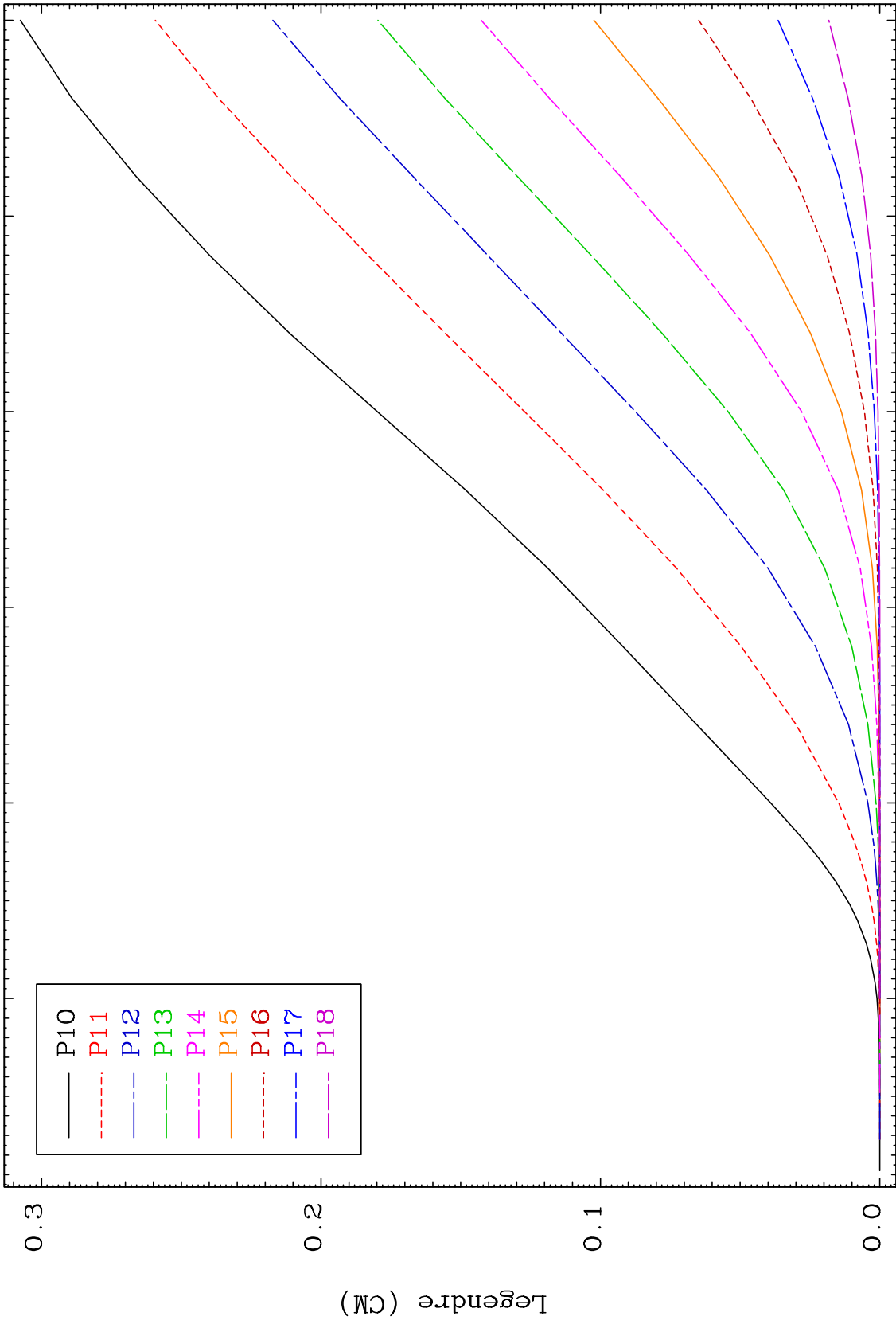




MAT 5231

Elastic Legendre Coefficients

52-Te-122



17

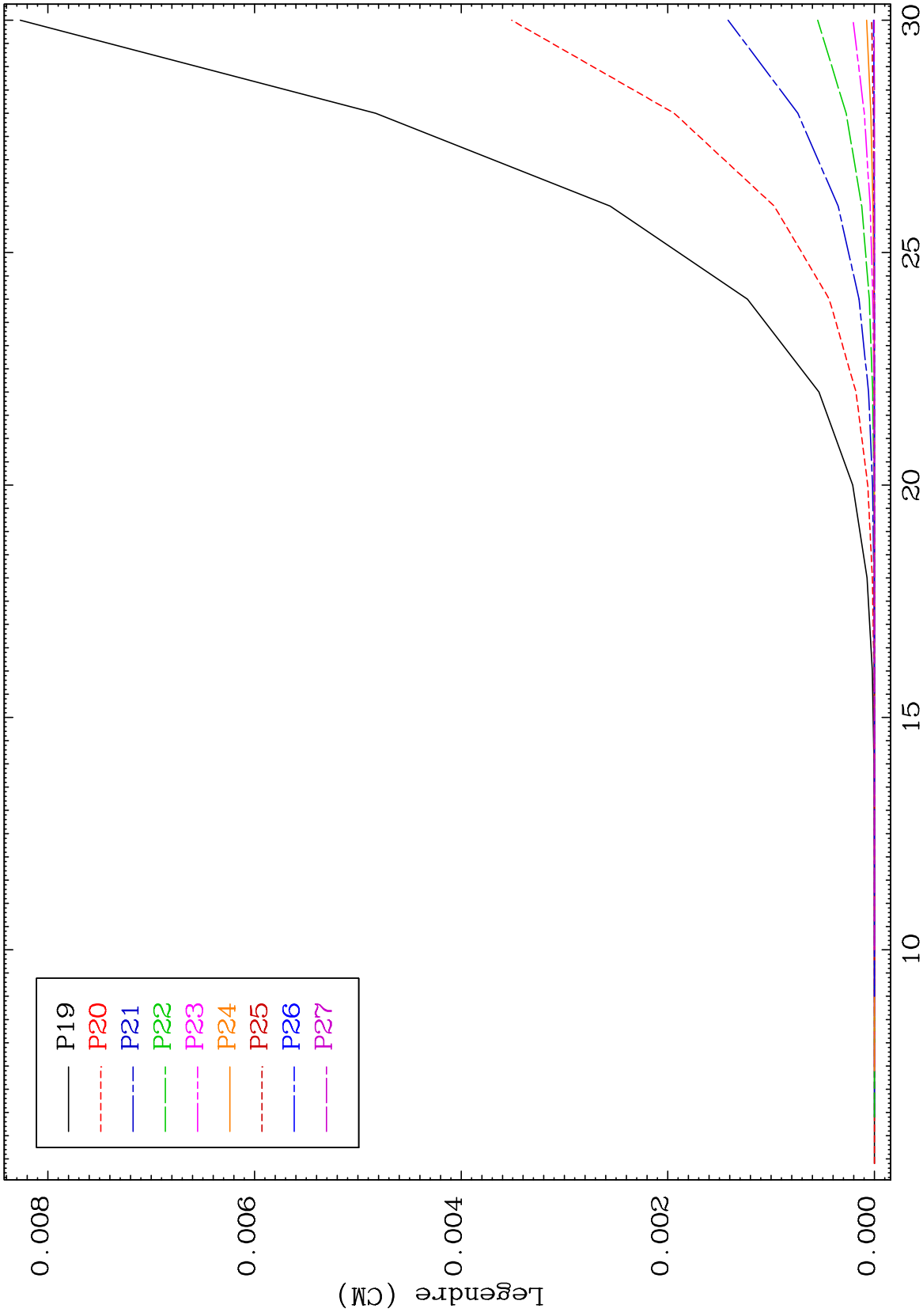
Incident Energy (MeV)

52-Te-122

MAT 5231

Elastic Legendre Coefficients

52-Te-122



18

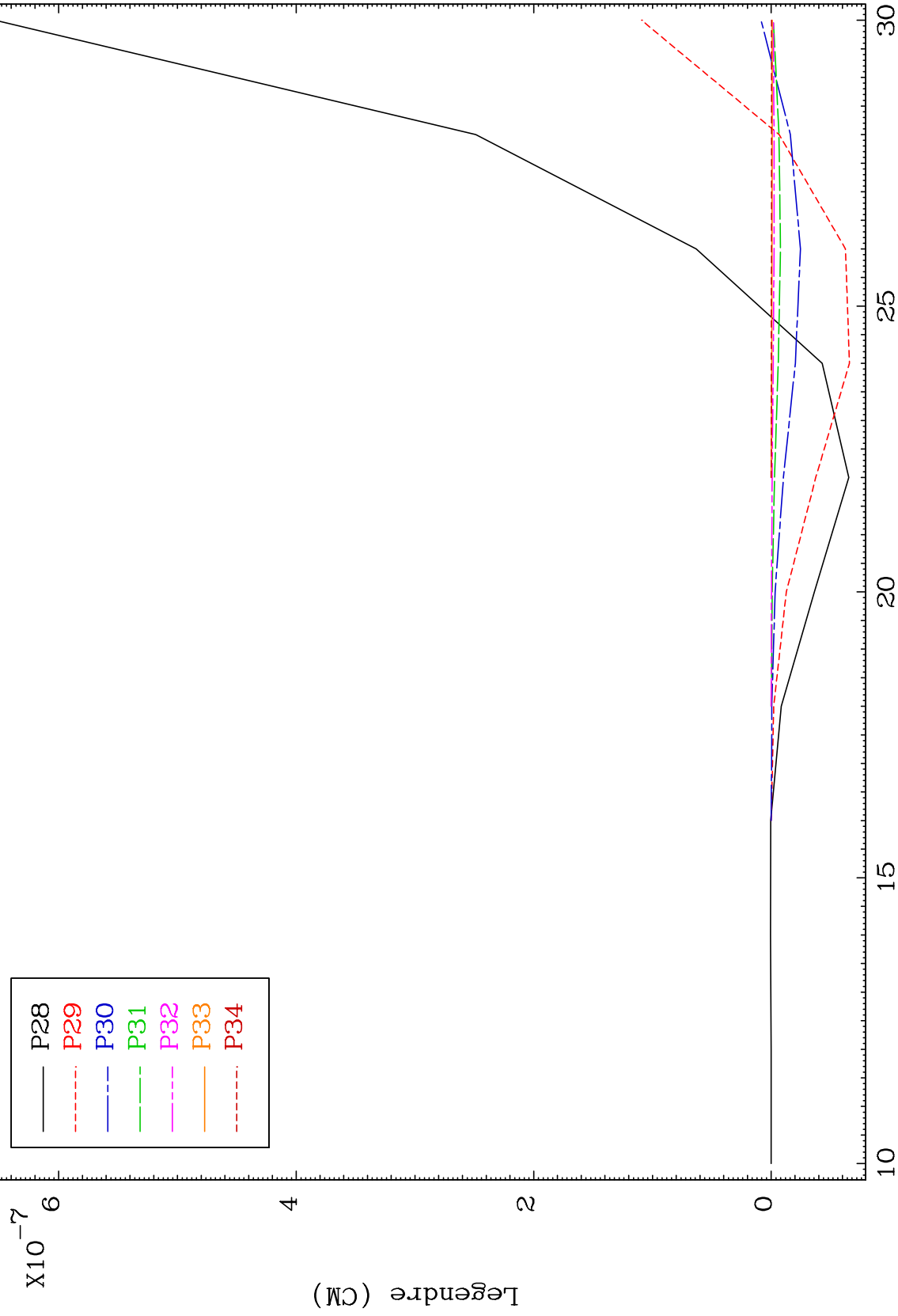
Incident Energy (MeV)

52-Te-122

MAT 5231

Elastic Legendre Coefficients

52-Te-122

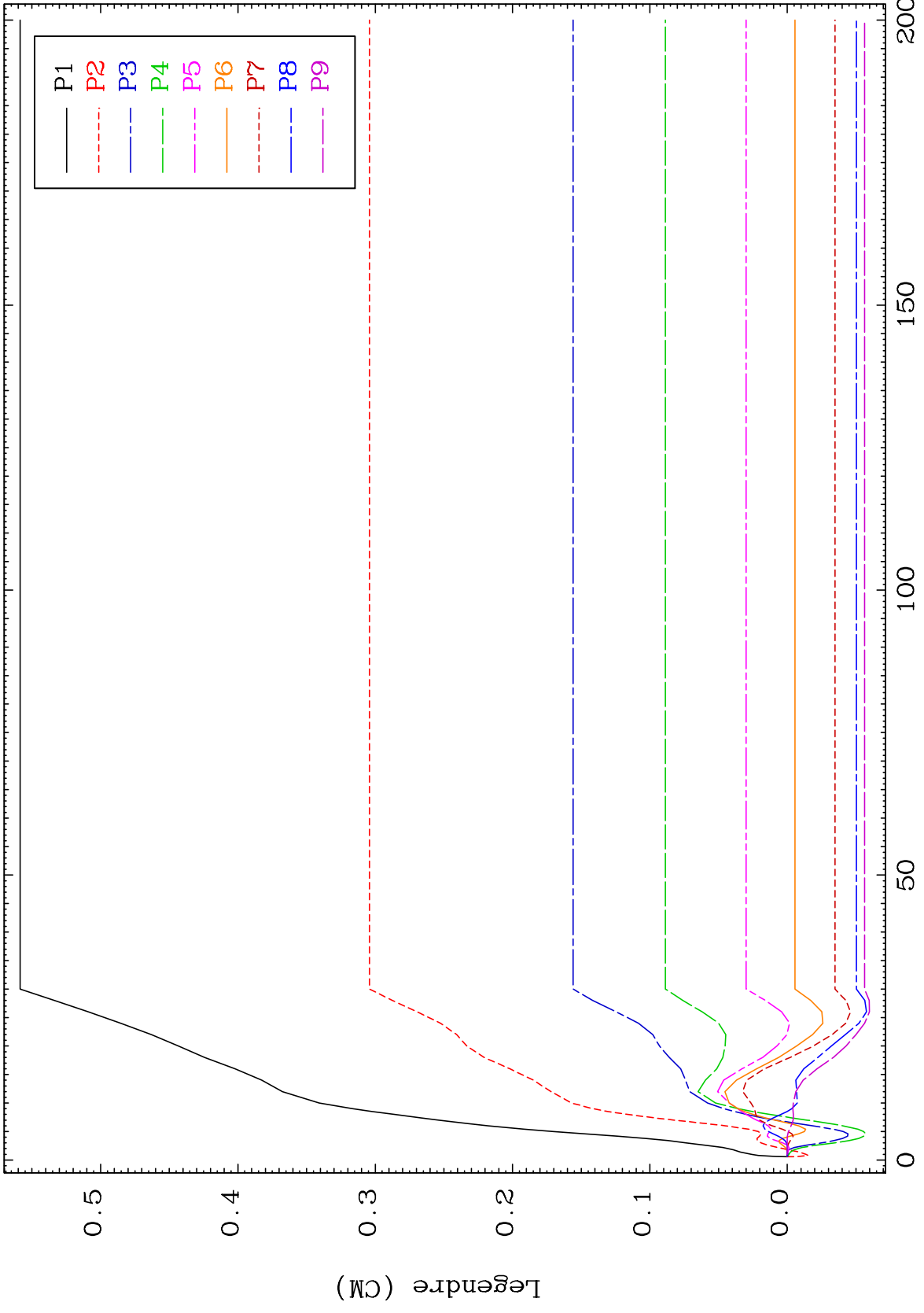


19

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 51 (n,n') Level Legendre Coefficients 52-Te-122

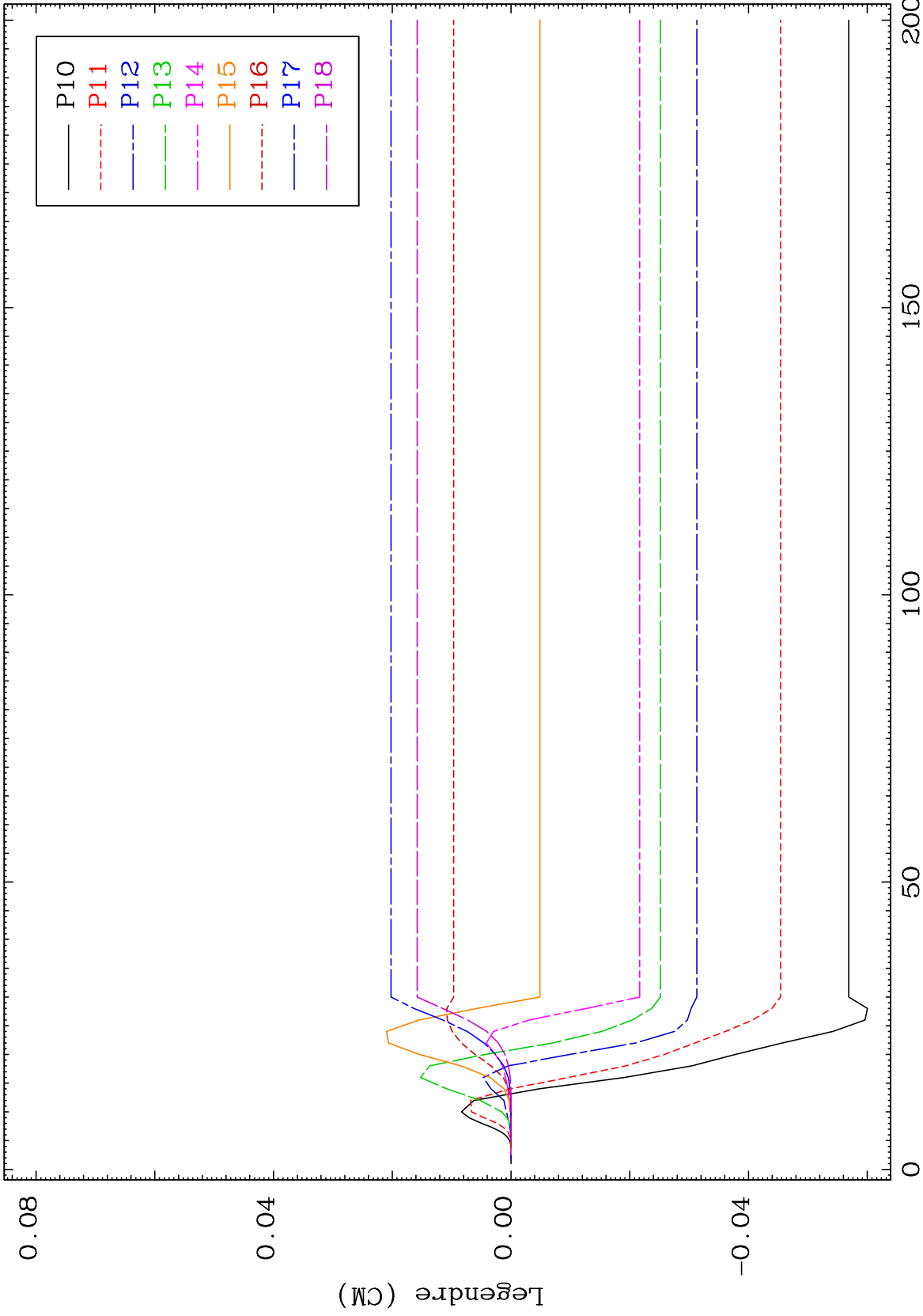


52-Te-122

MAT 5231

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

52-Te-122



21

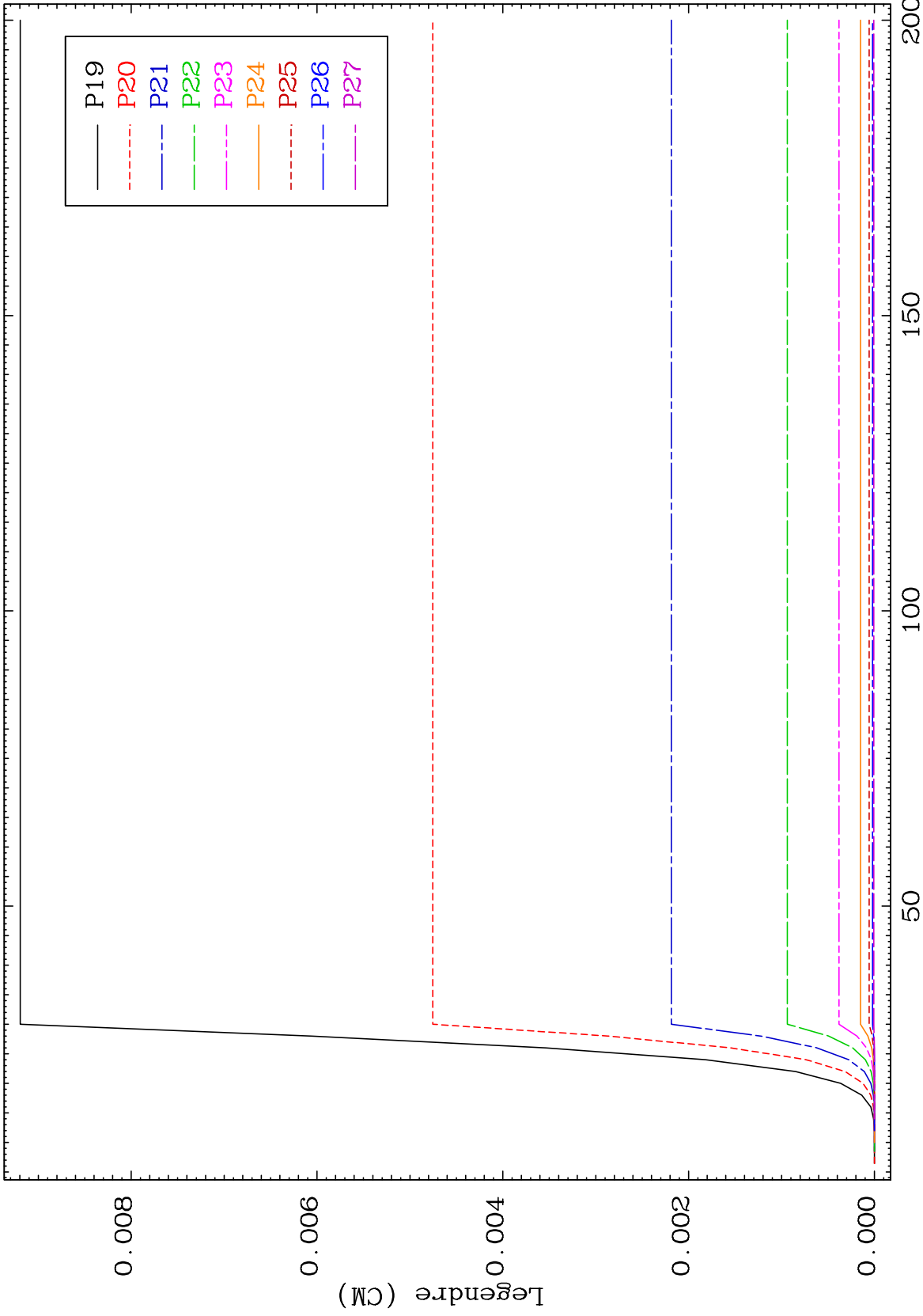
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



22

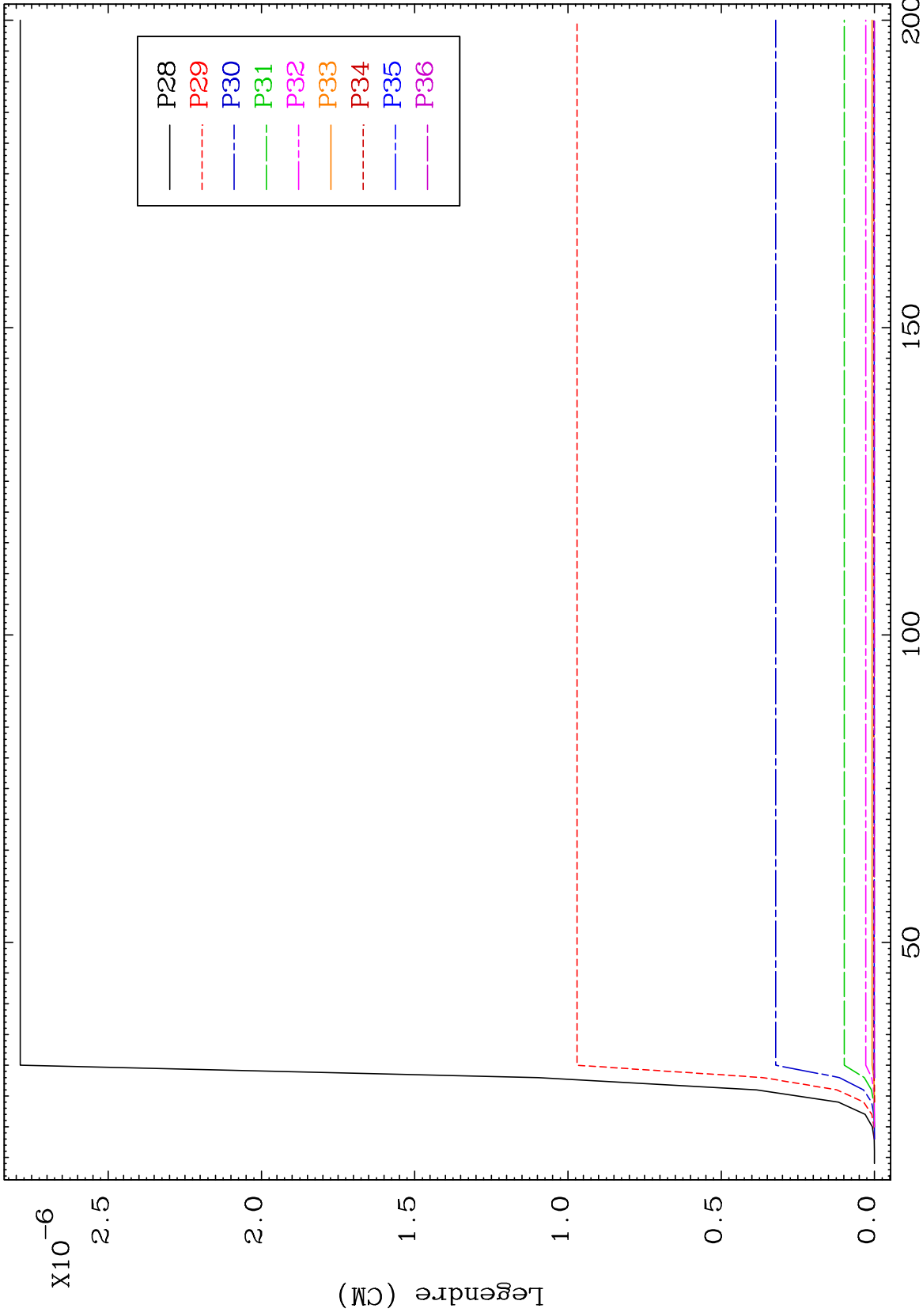
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



23

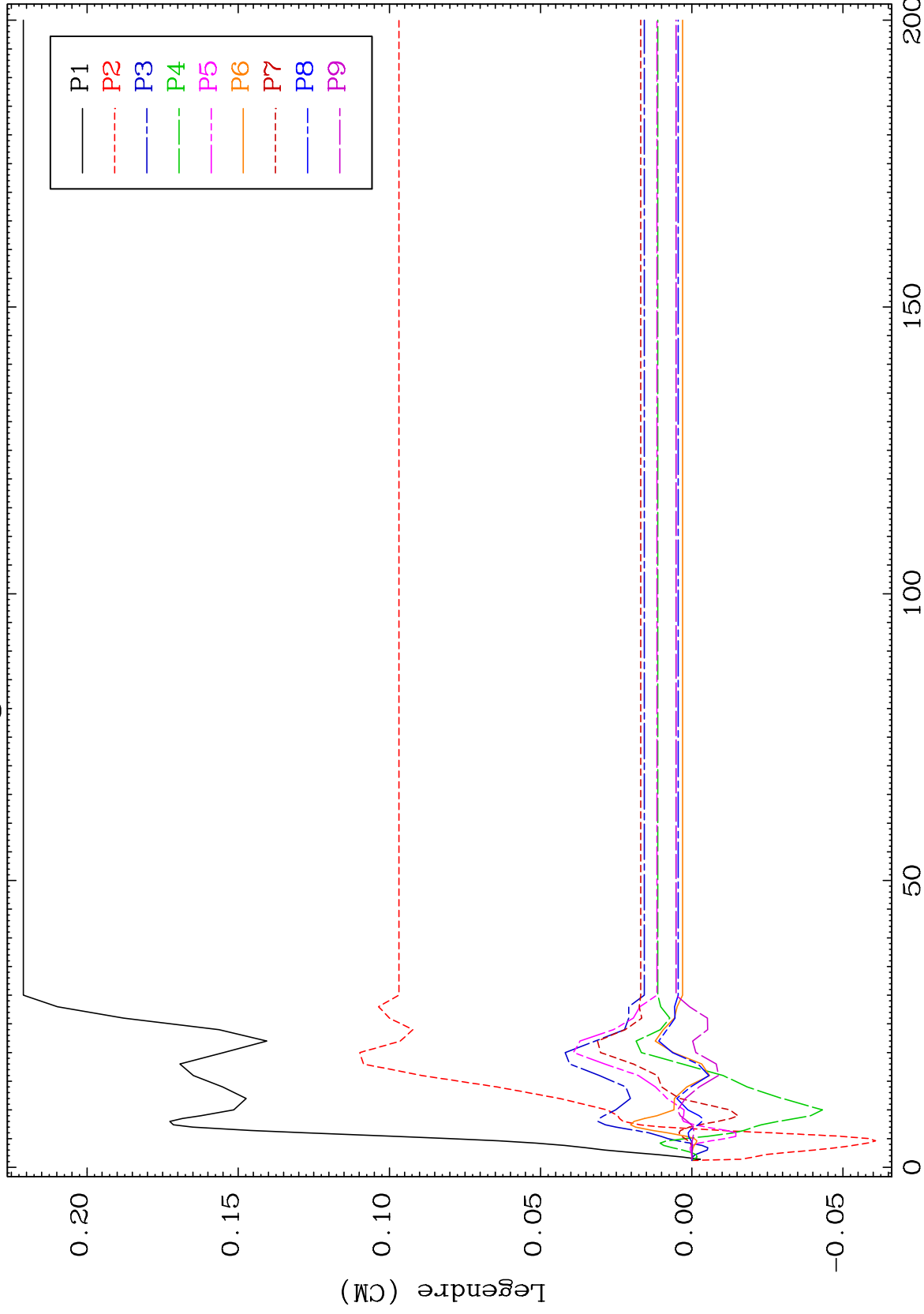
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



24

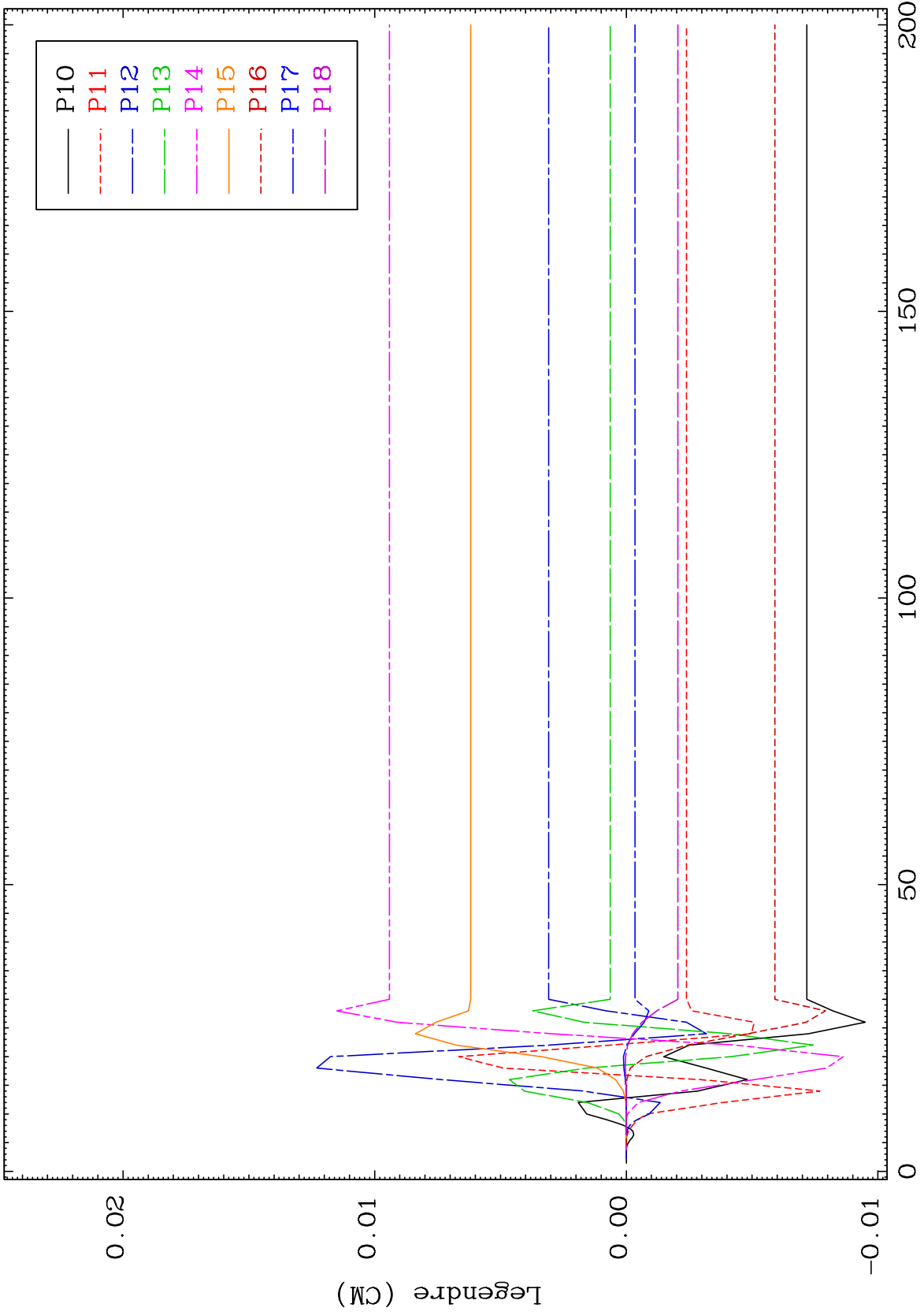
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



25

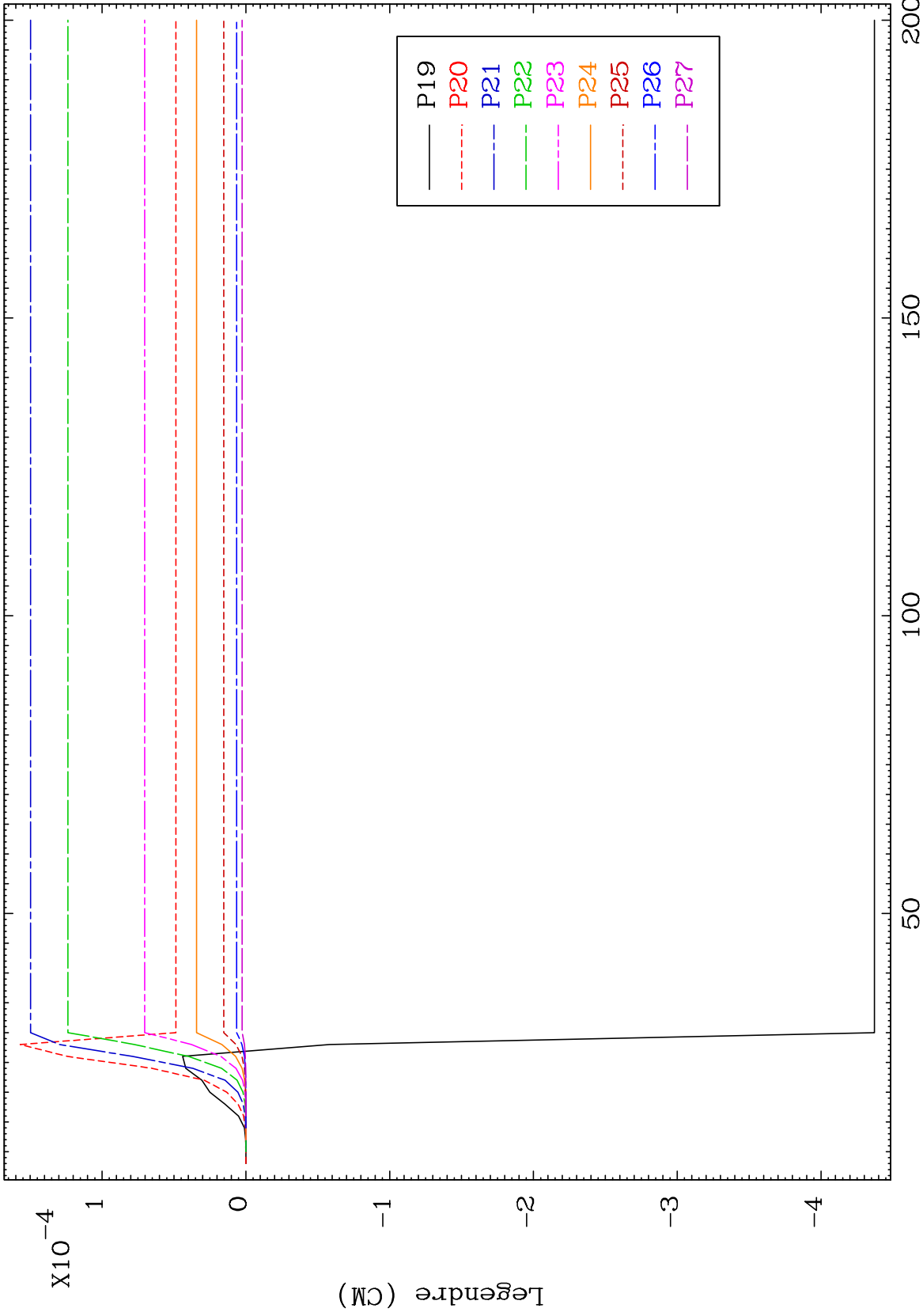
Incident Energy (MeV)

52-Te-122

MAT 5231

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

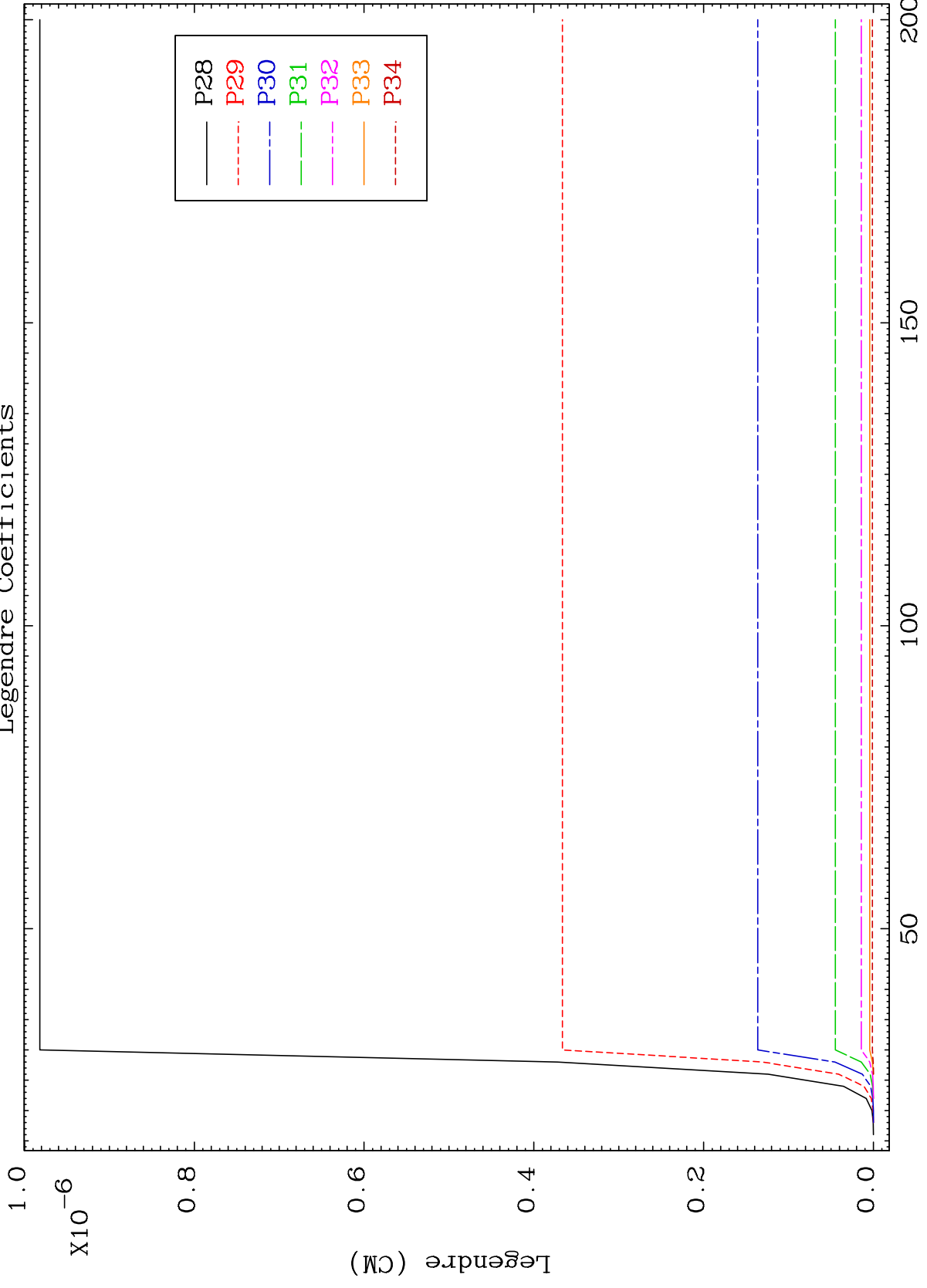
52-Te-122



26

52-Te-122

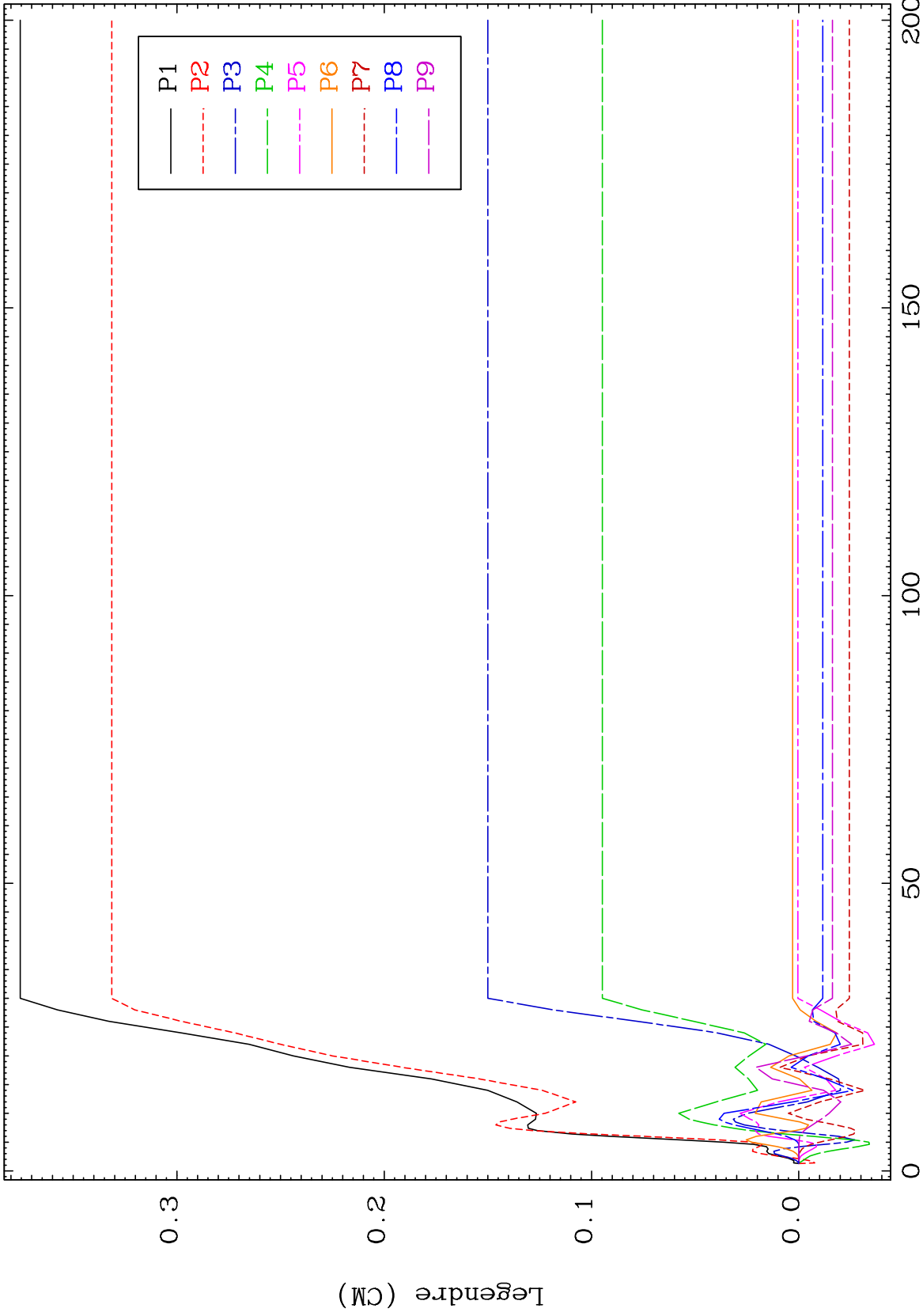
MAT 5231 MT= 52 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231

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

52-Te-122



28

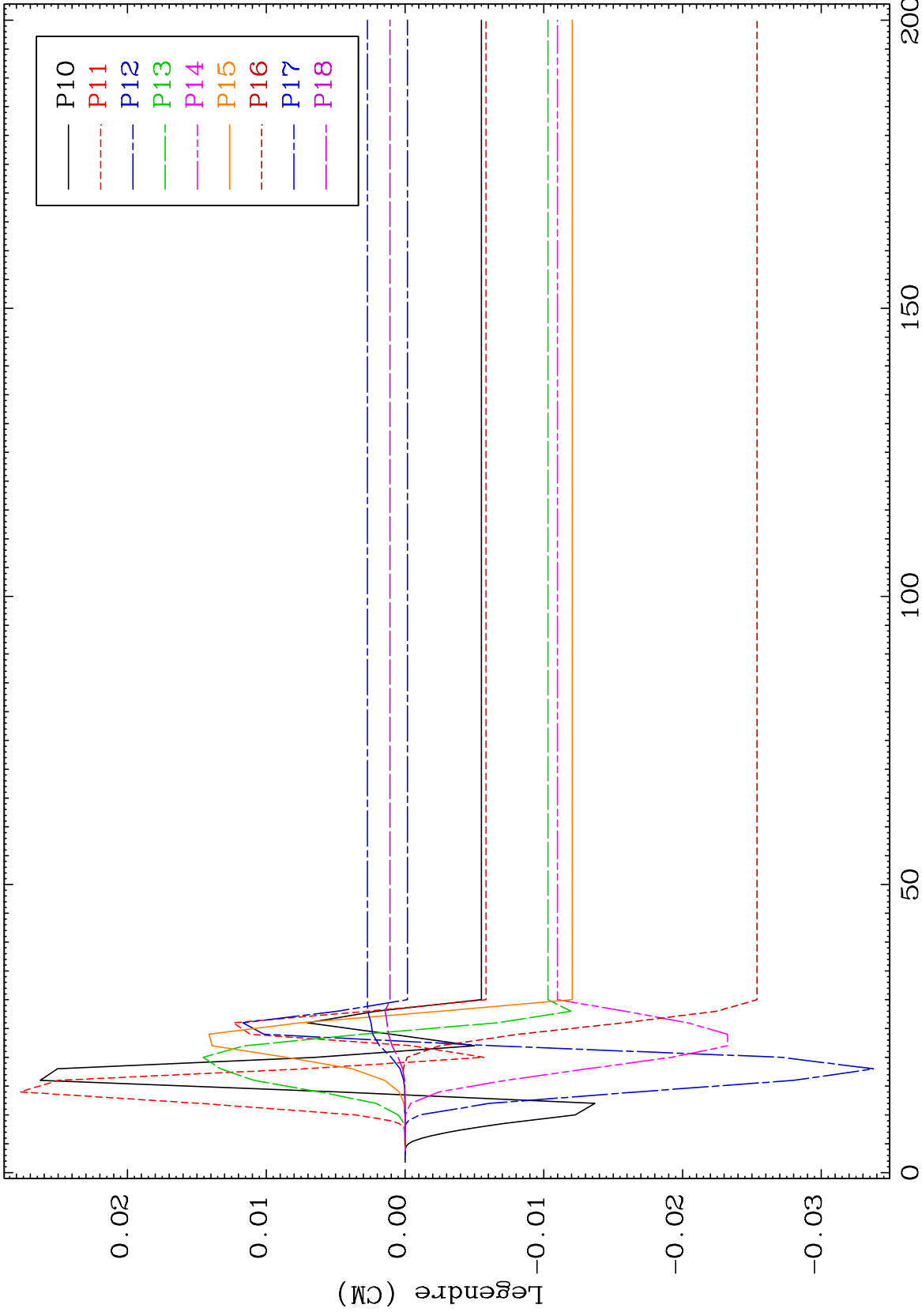
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



29

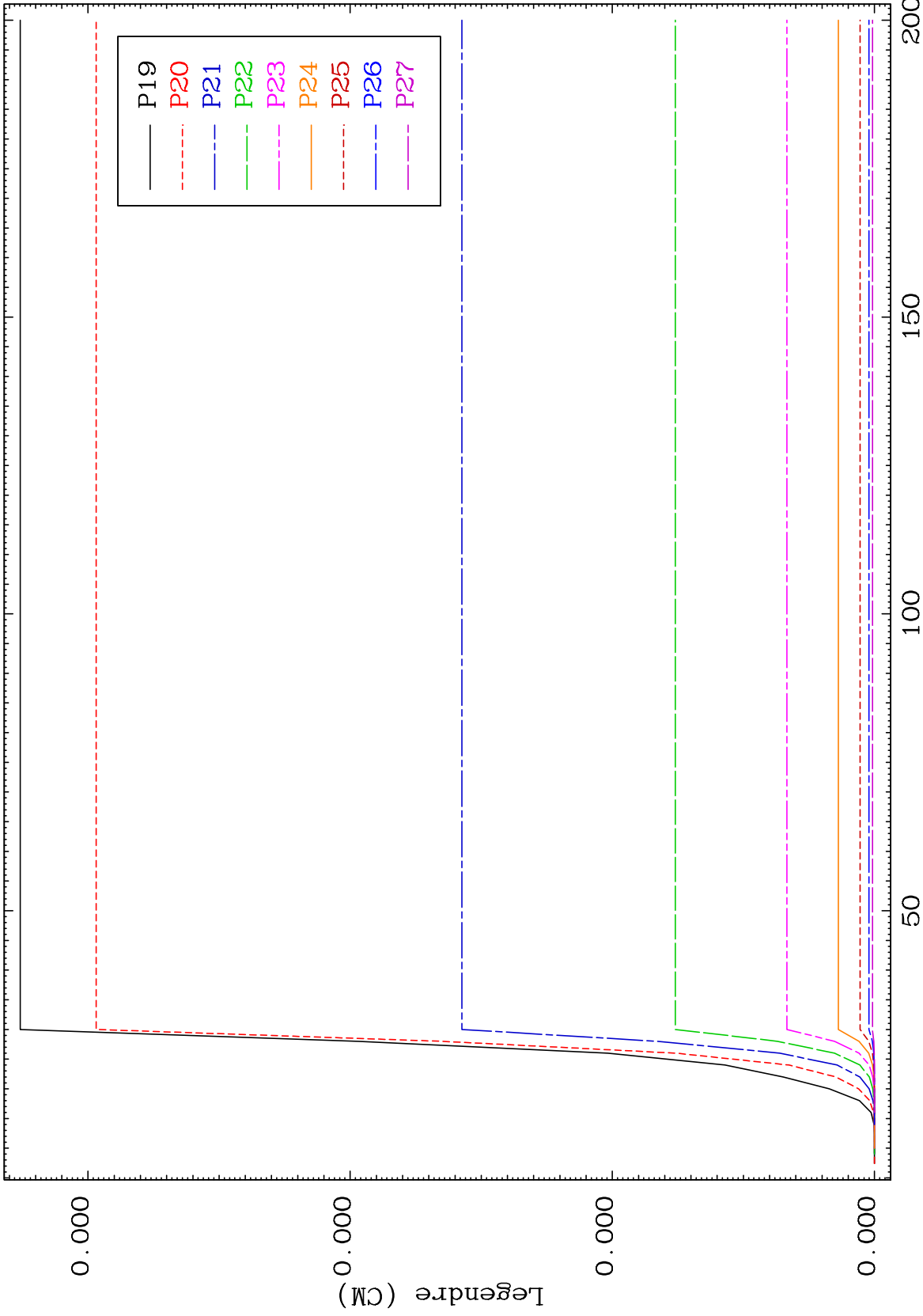
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



30

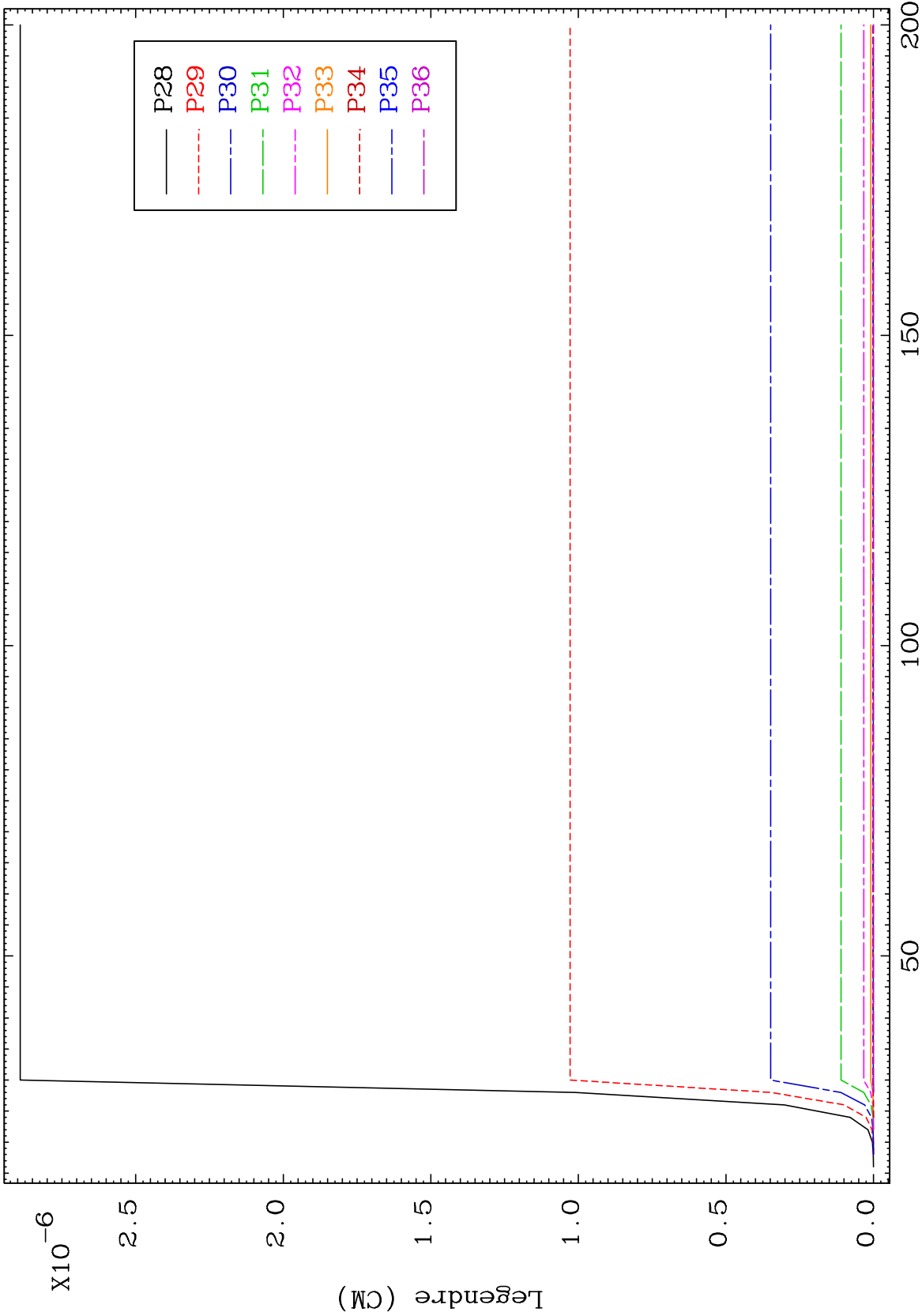
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



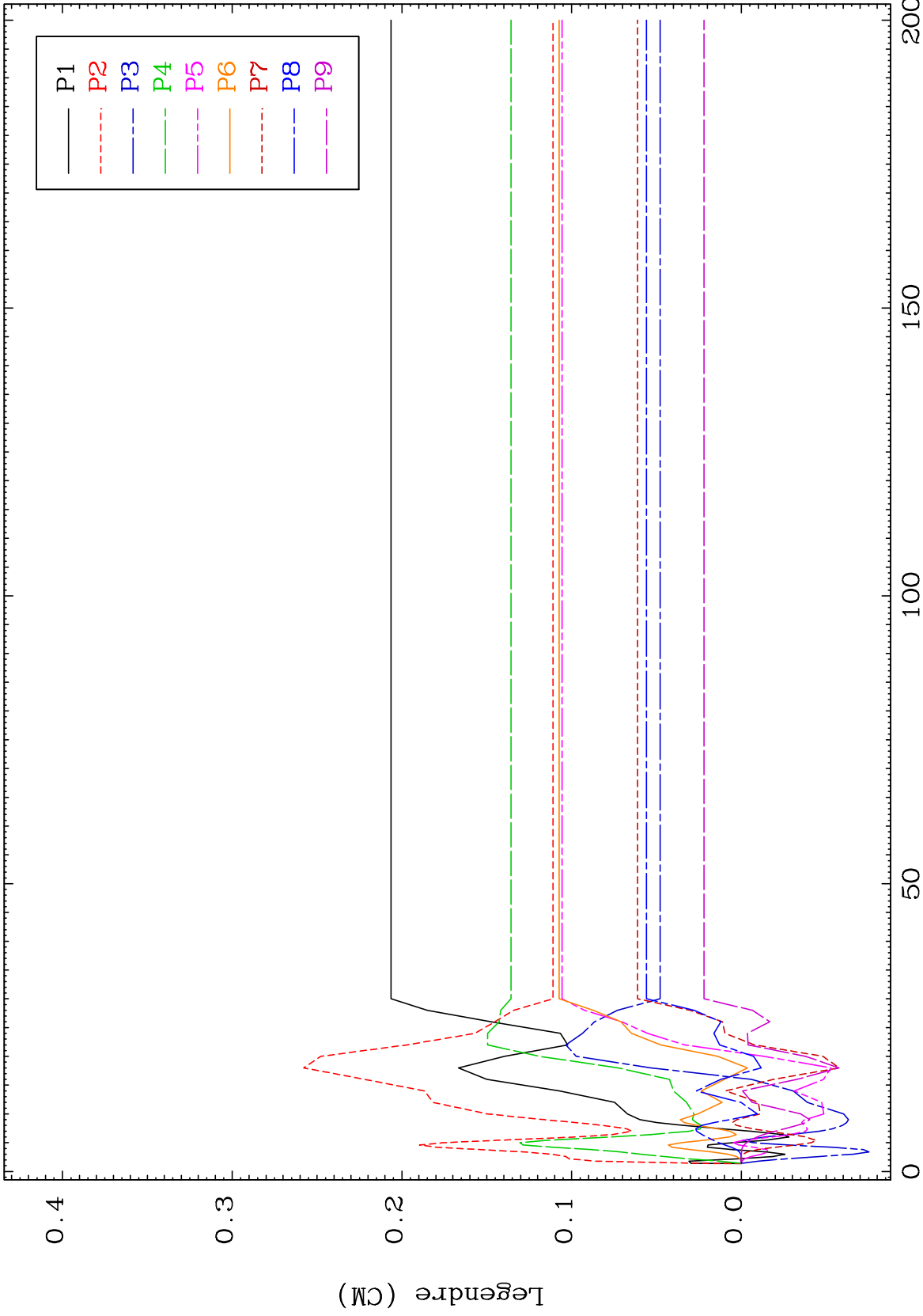
31

52-Te-122

MAT 5231

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

52-Te-122



32

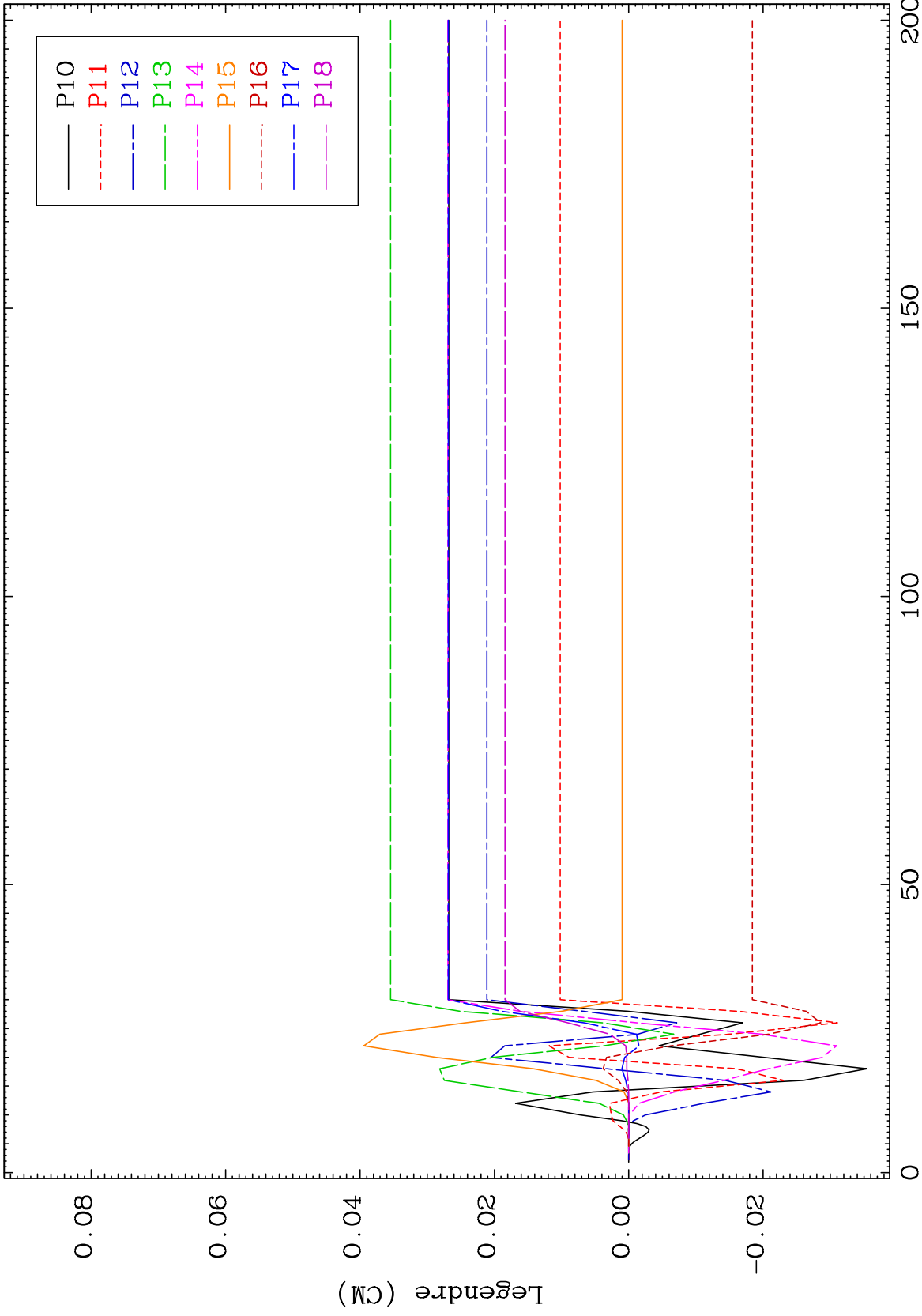
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



33

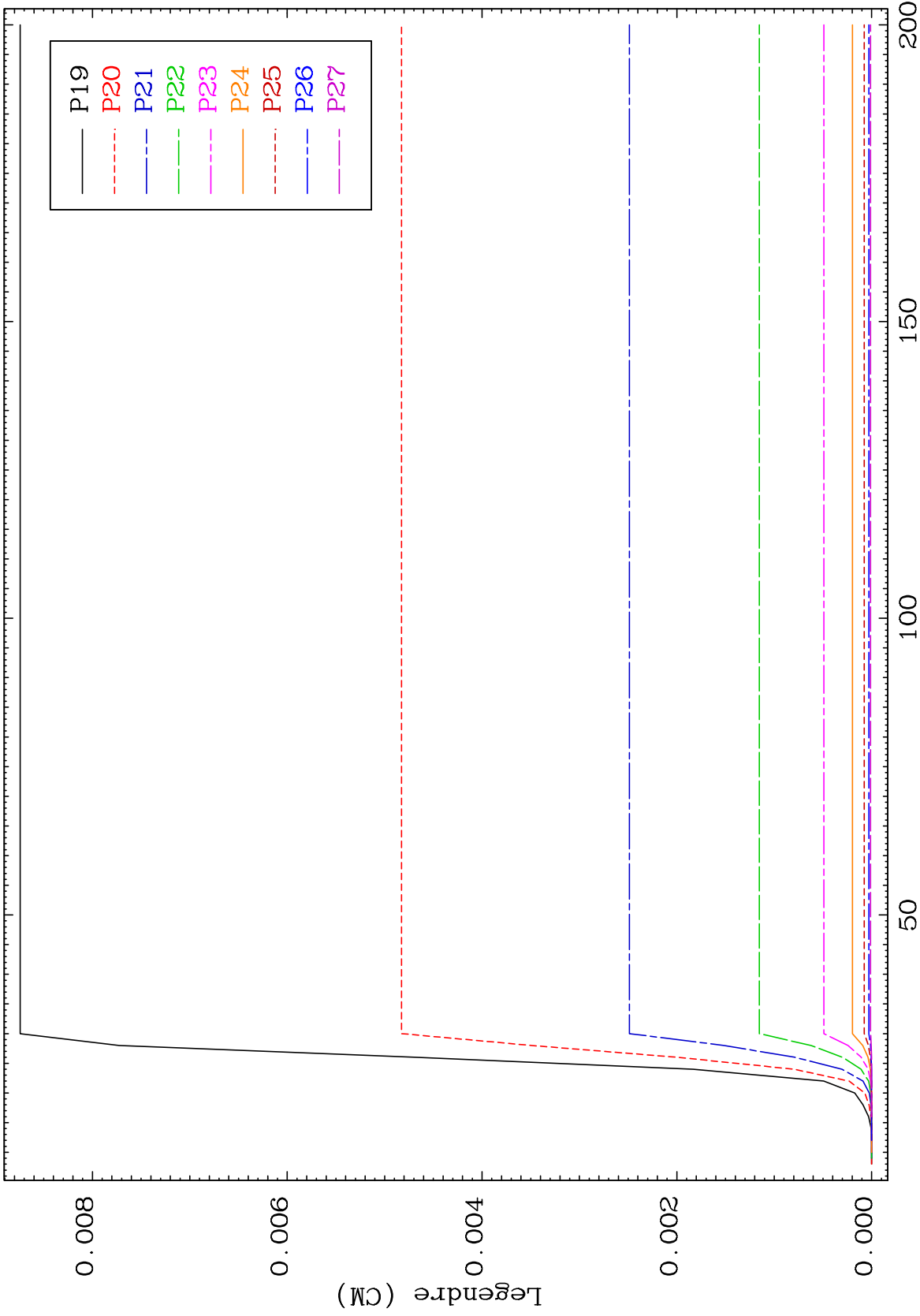
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



34

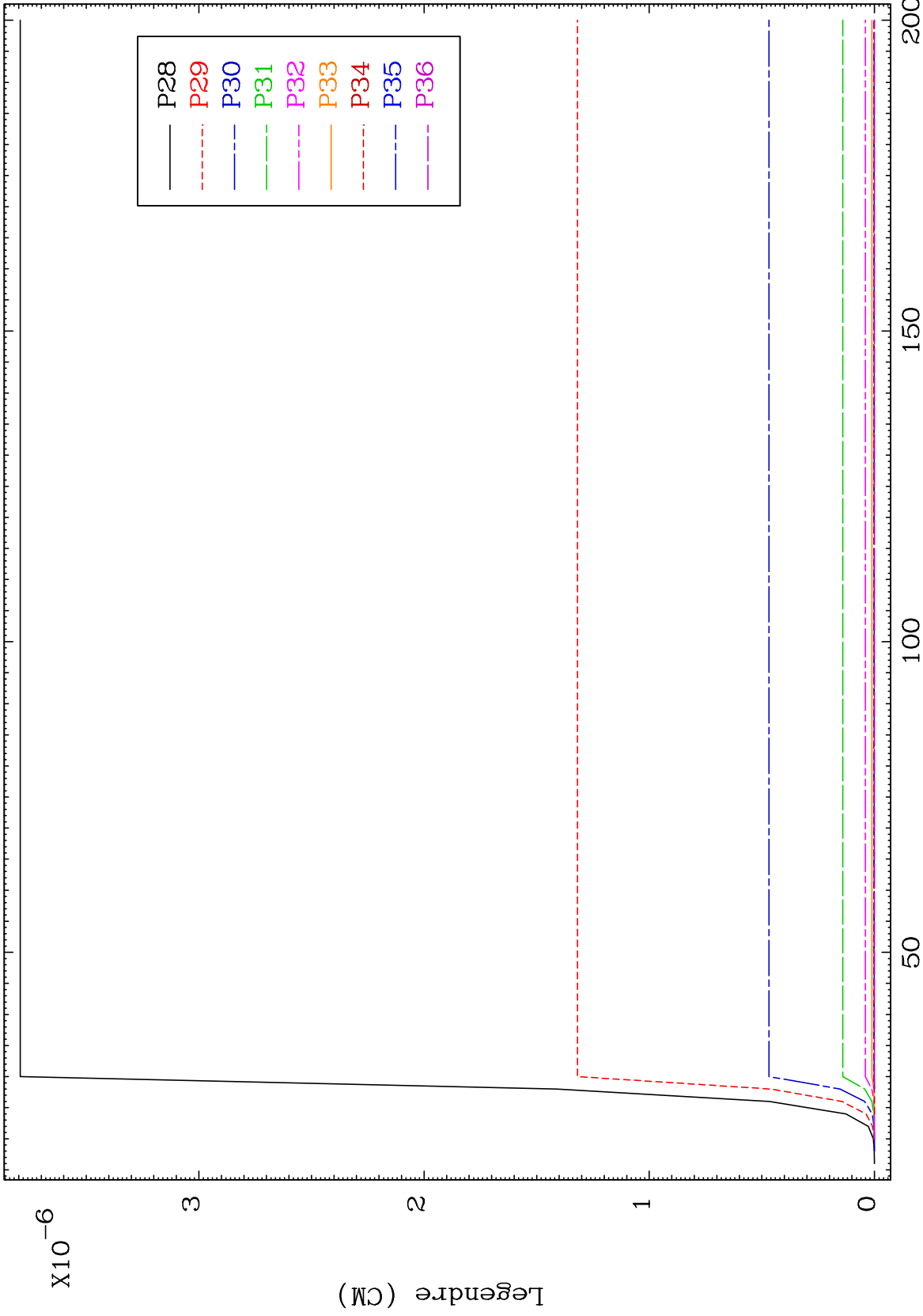
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

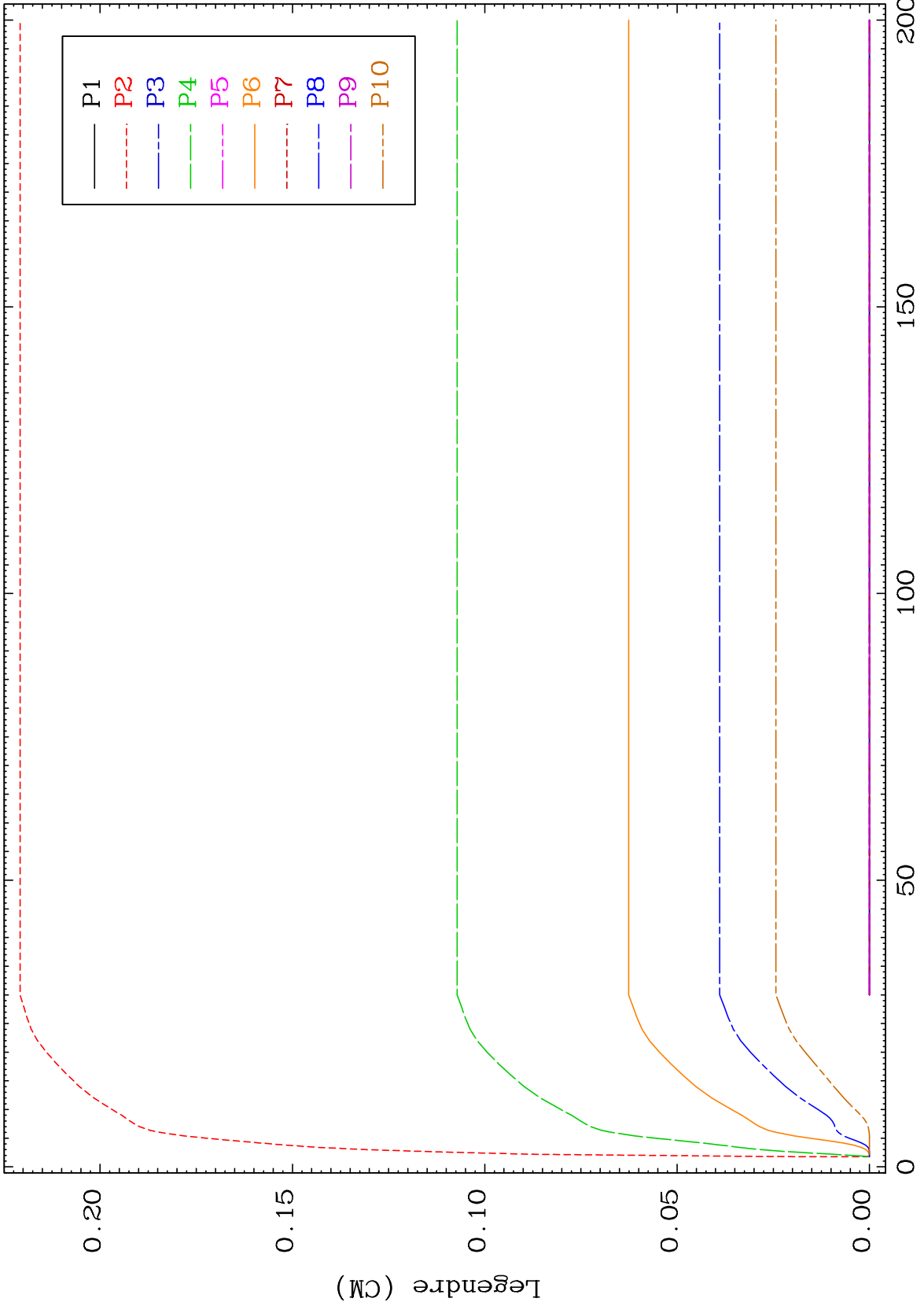


35

Incident Energy (MeV)

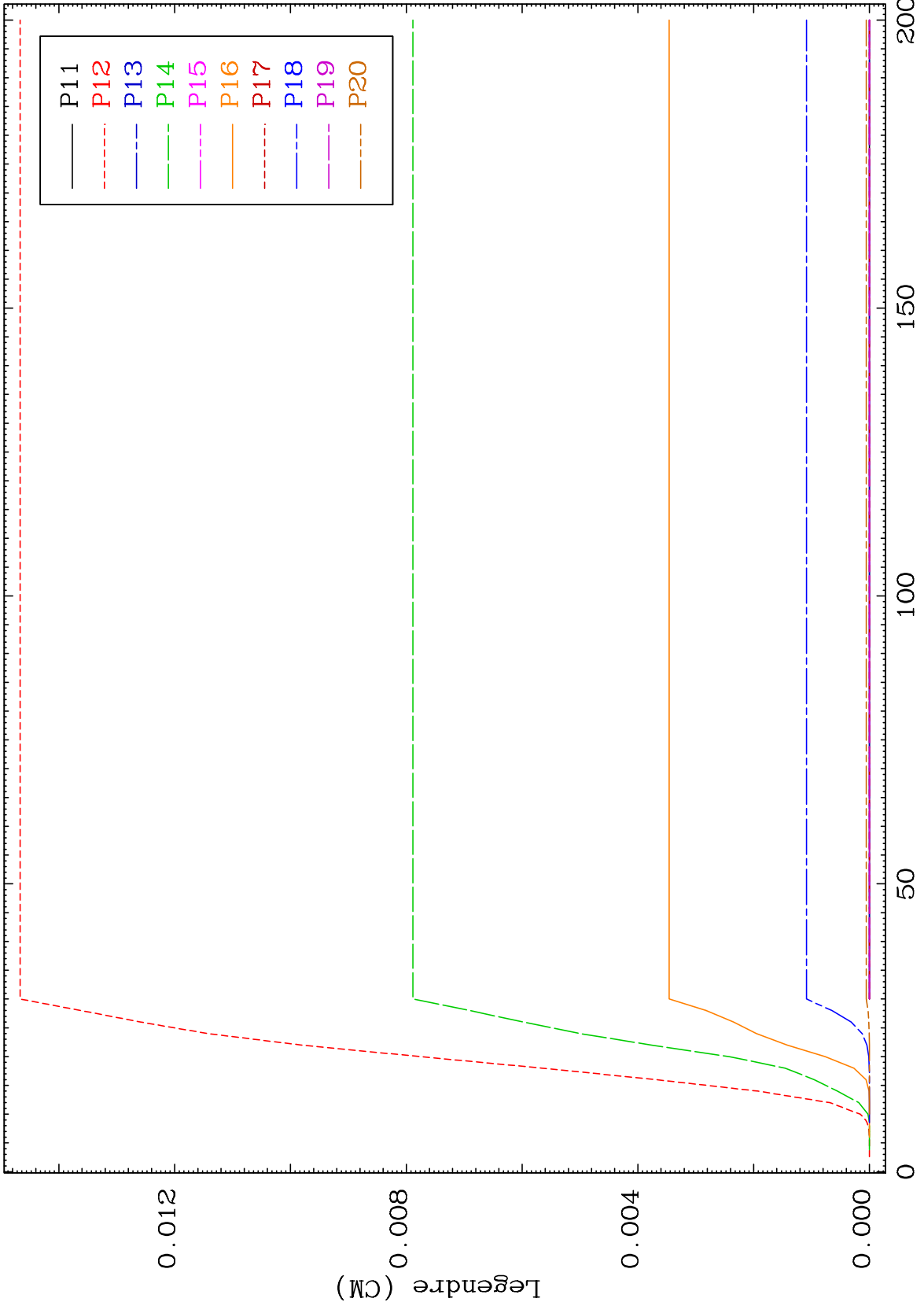
52-Te-122

MAT 5231 MT= 55 (n,n') Level Legendre Coefficients 52-Te-122



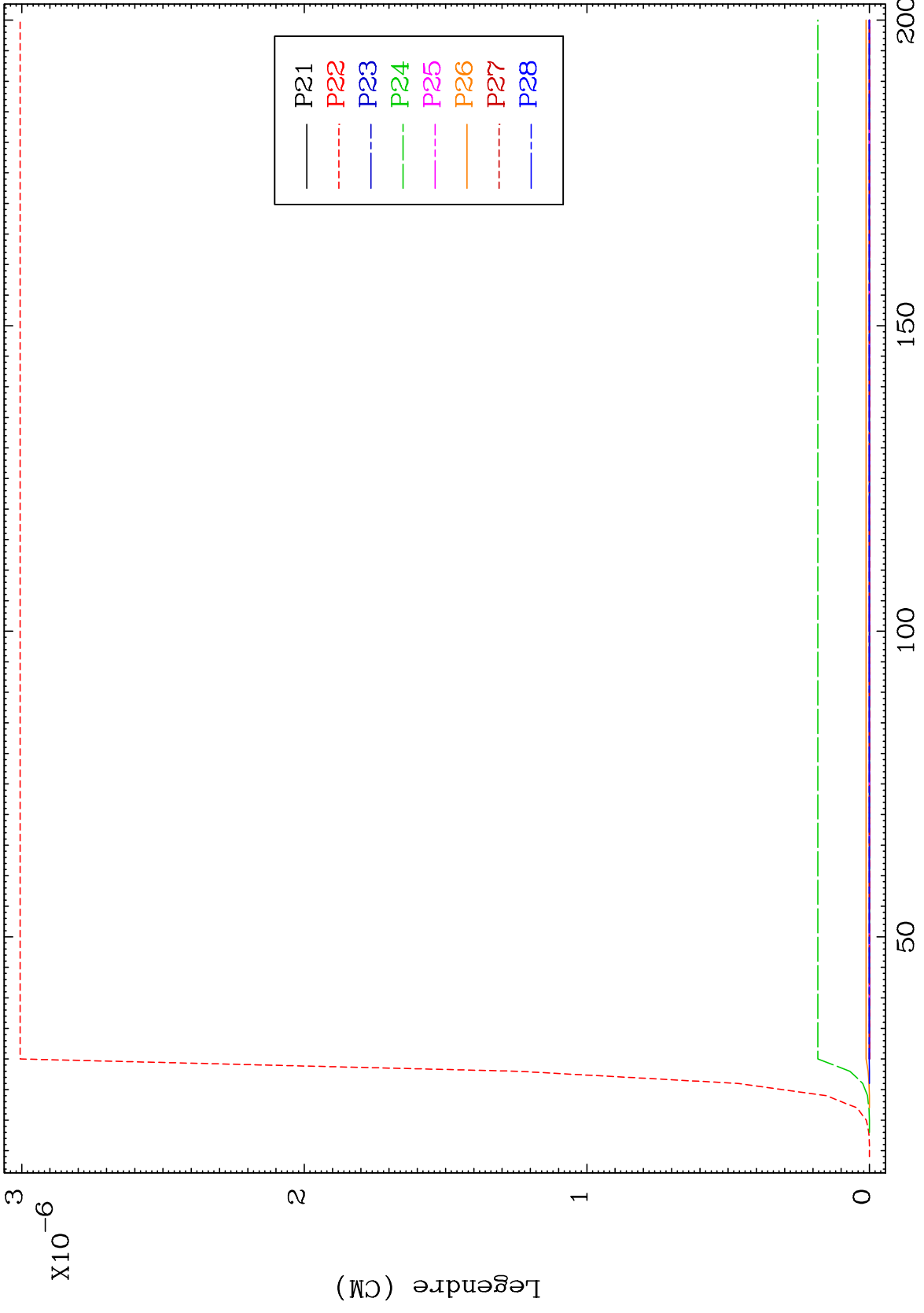
36 Incident Energy (MeV) 52-Te-122

MAT 5231 MT= 55 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231 MT= 55 (n,n') Level Legendre Coefficients

52-Te-122

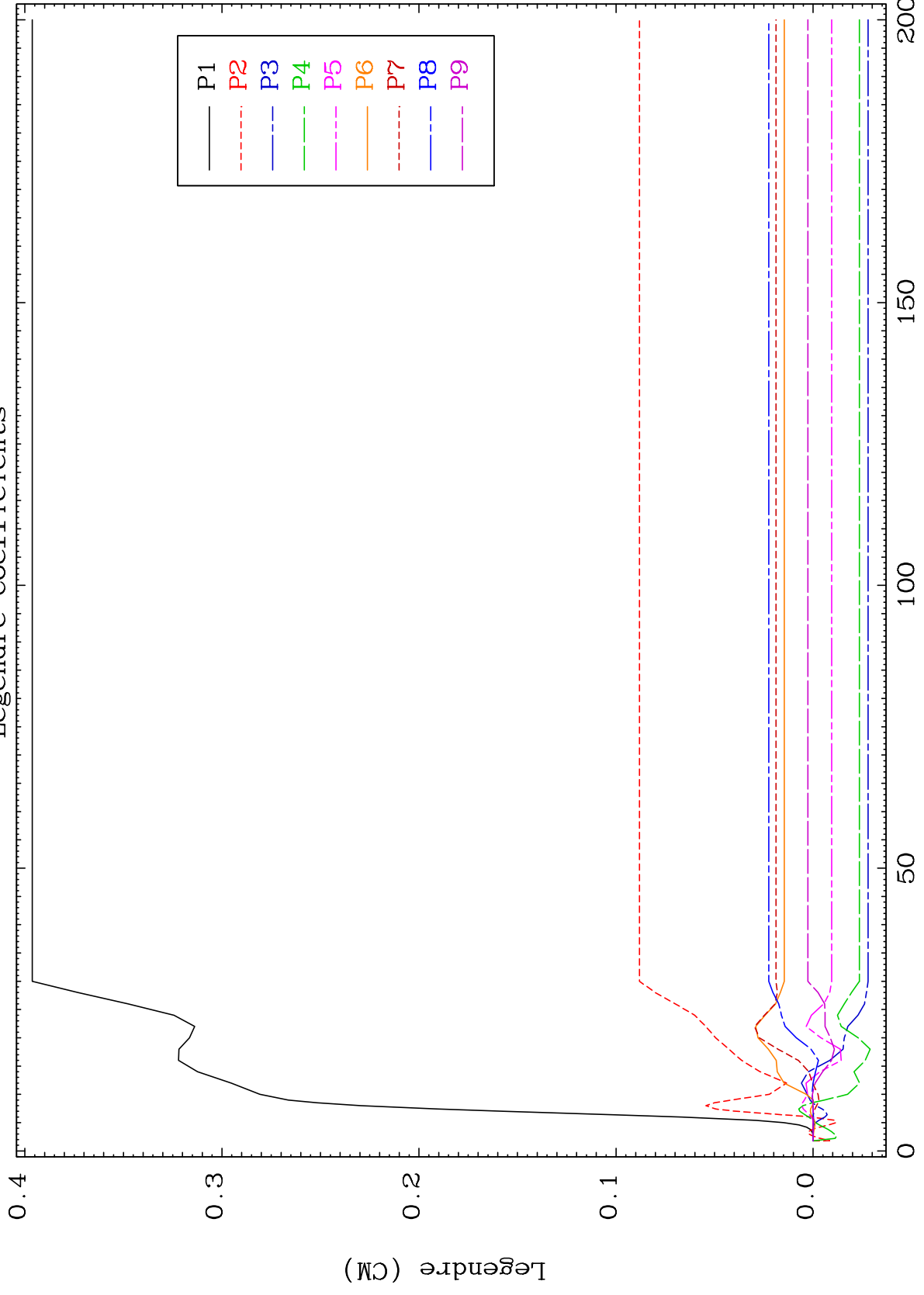


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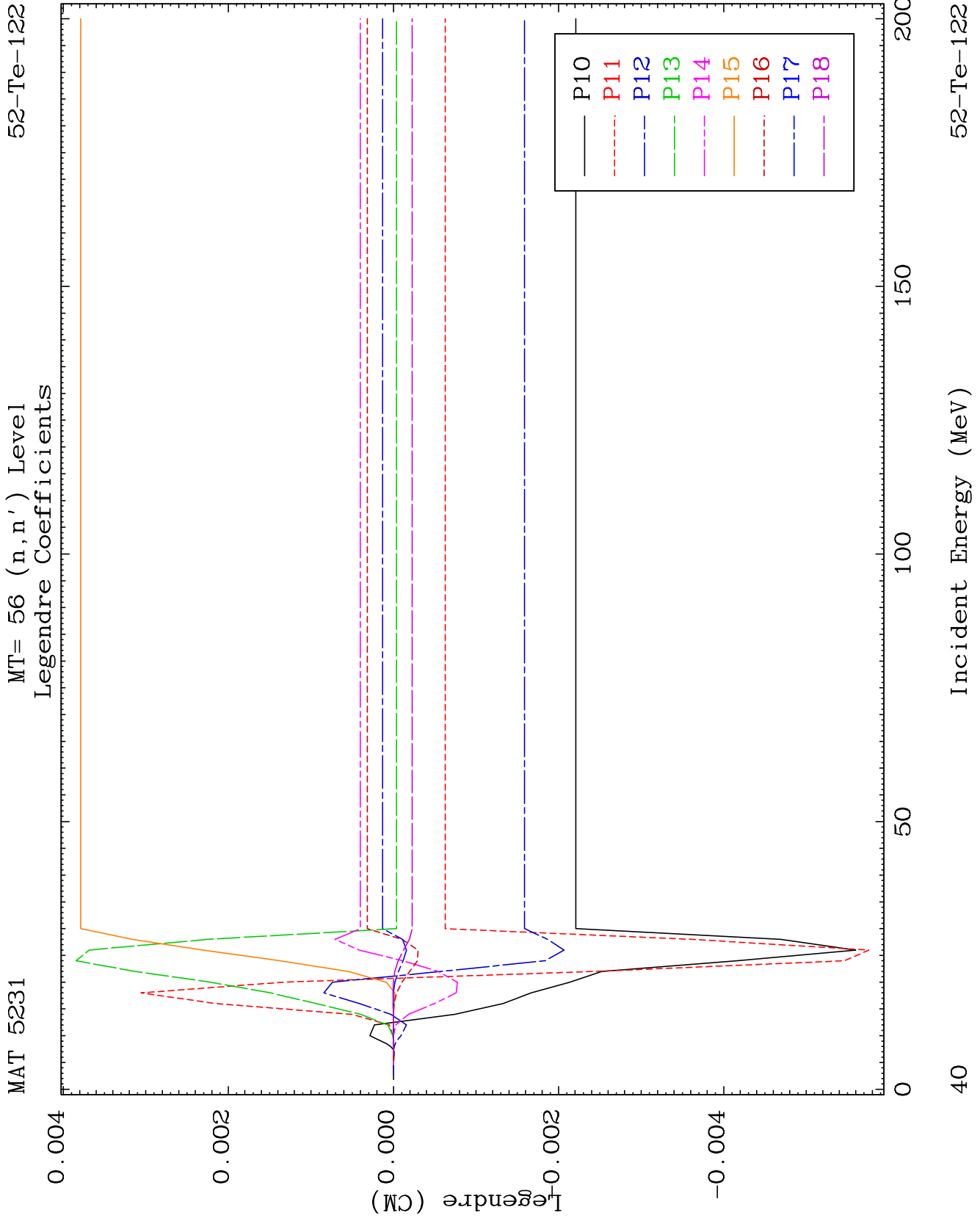
Incident Energy (MeV)

52-Te-122

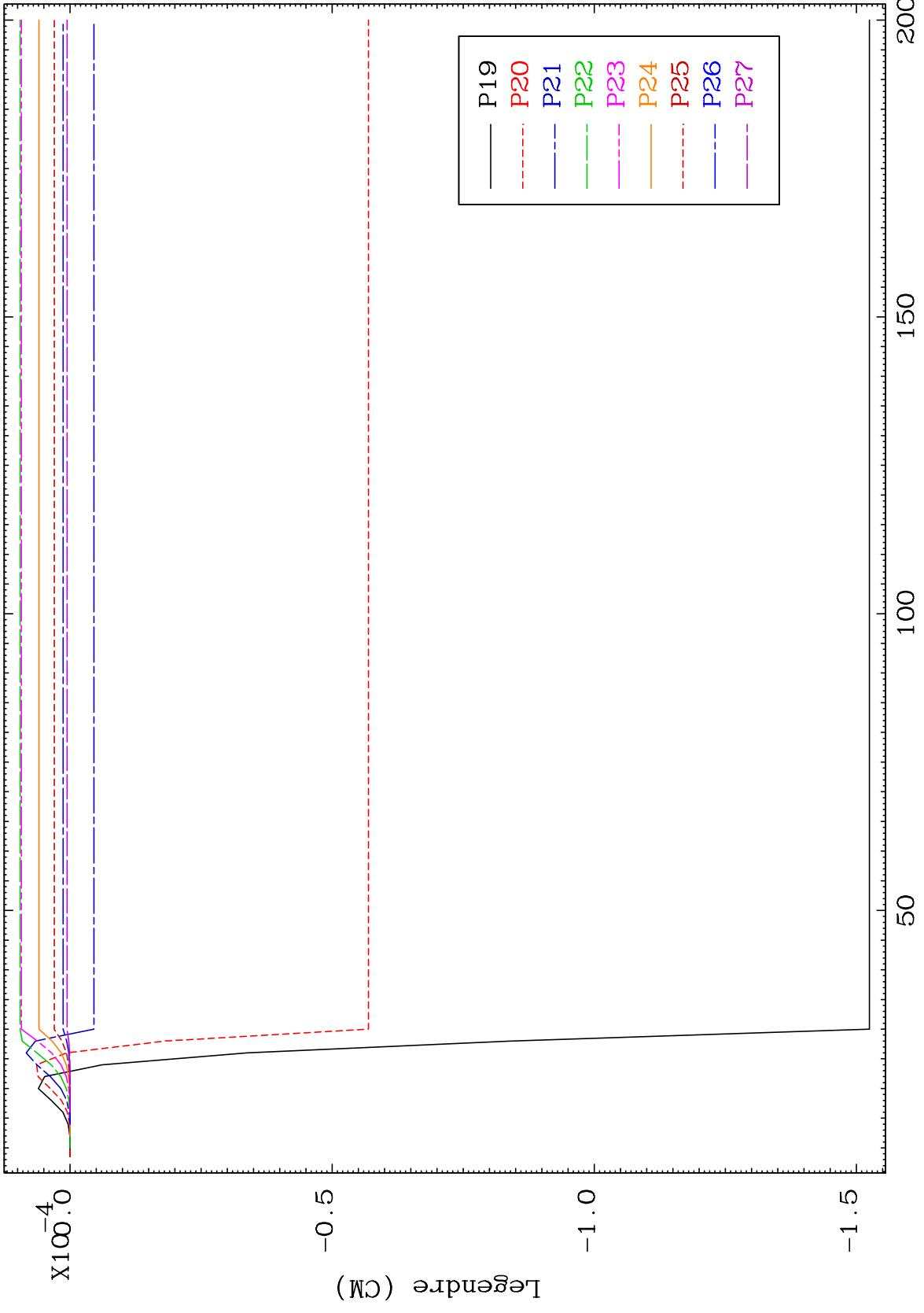
MAT 5231 MT= 56 (n,n') Level Legendre Coefficients 52-Te-122



39 Incident Energy (MeV) 52-Te-122



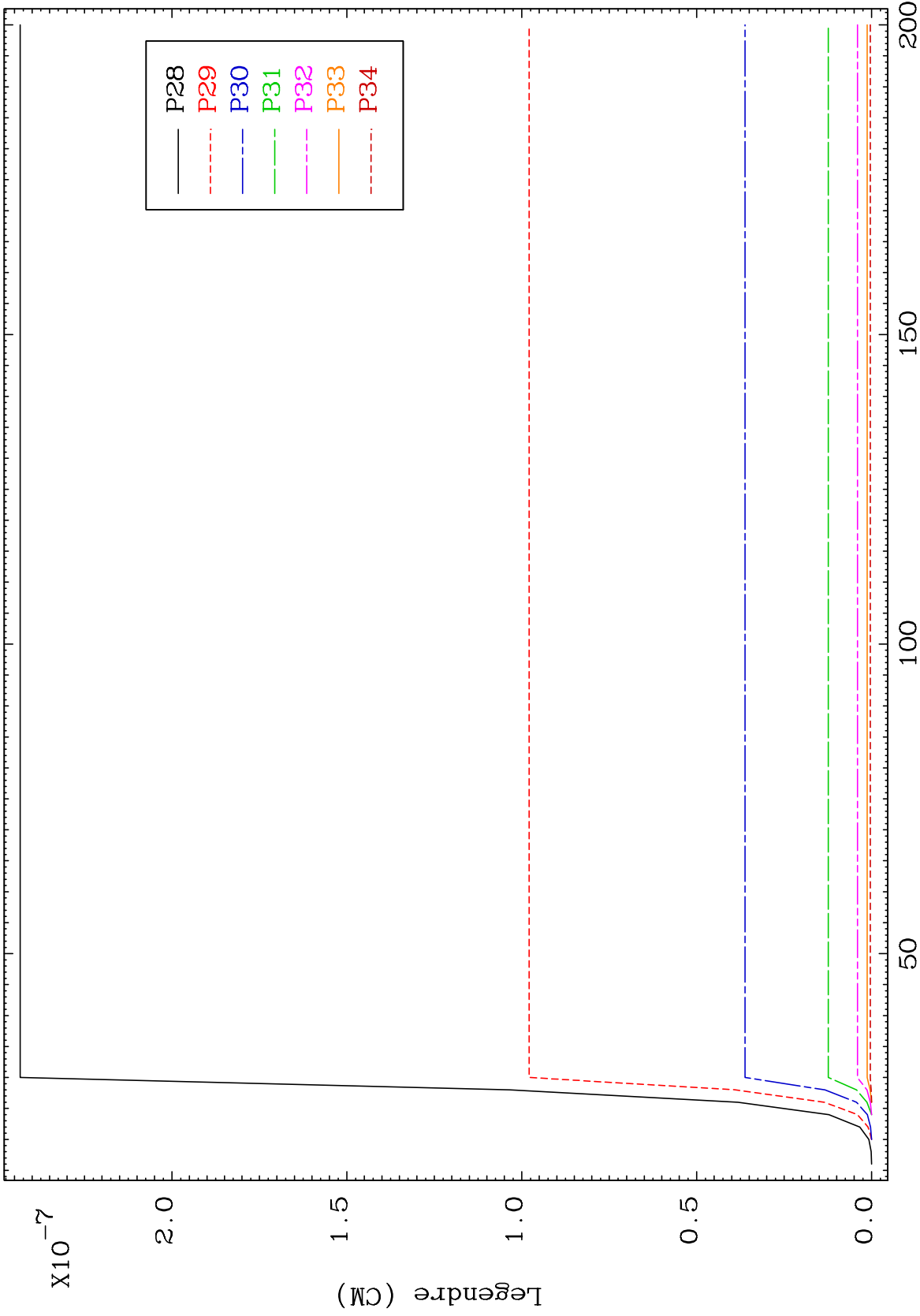
MAT 5231 MT= 56 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231

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

52-Te-122



42

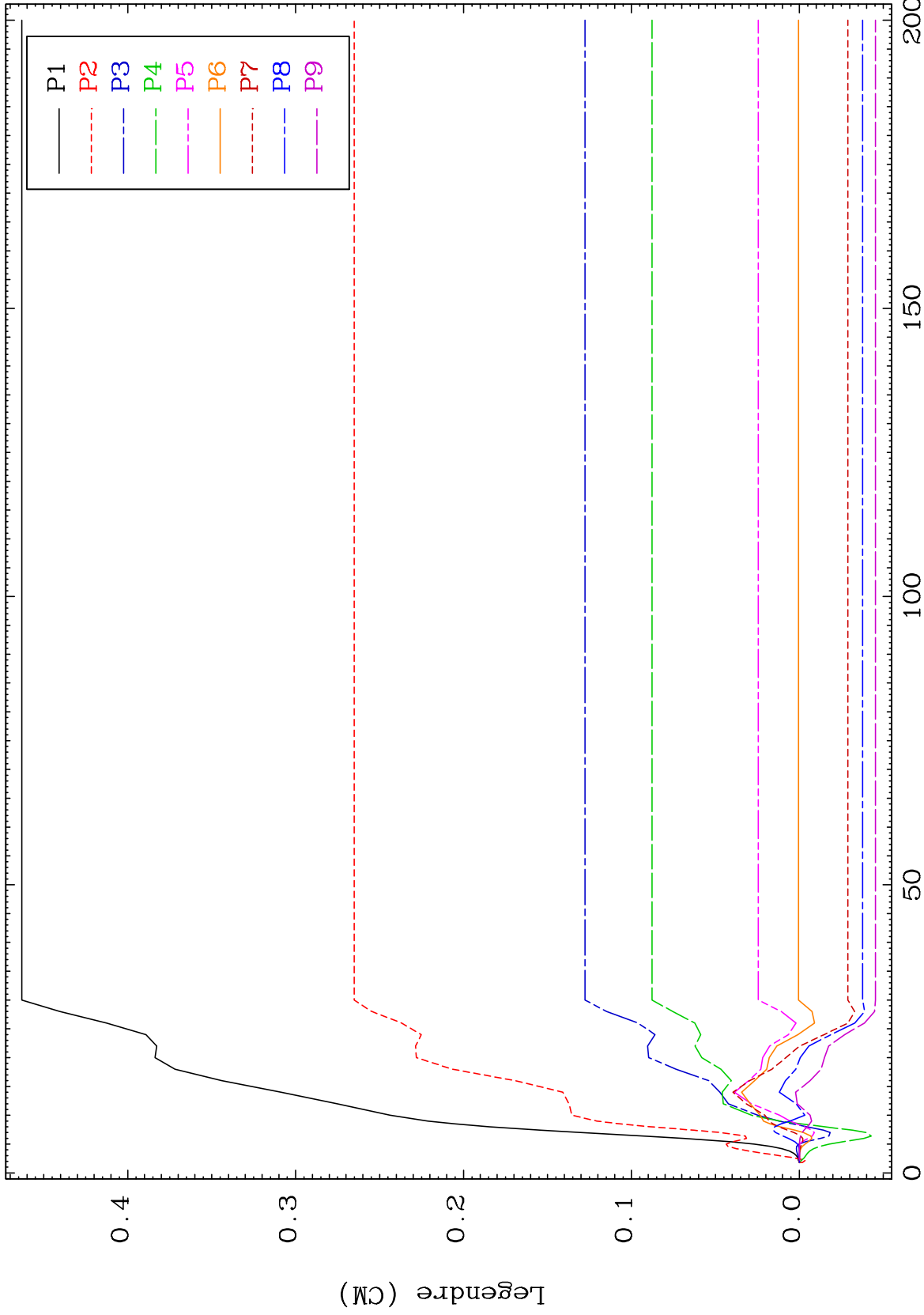
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



43

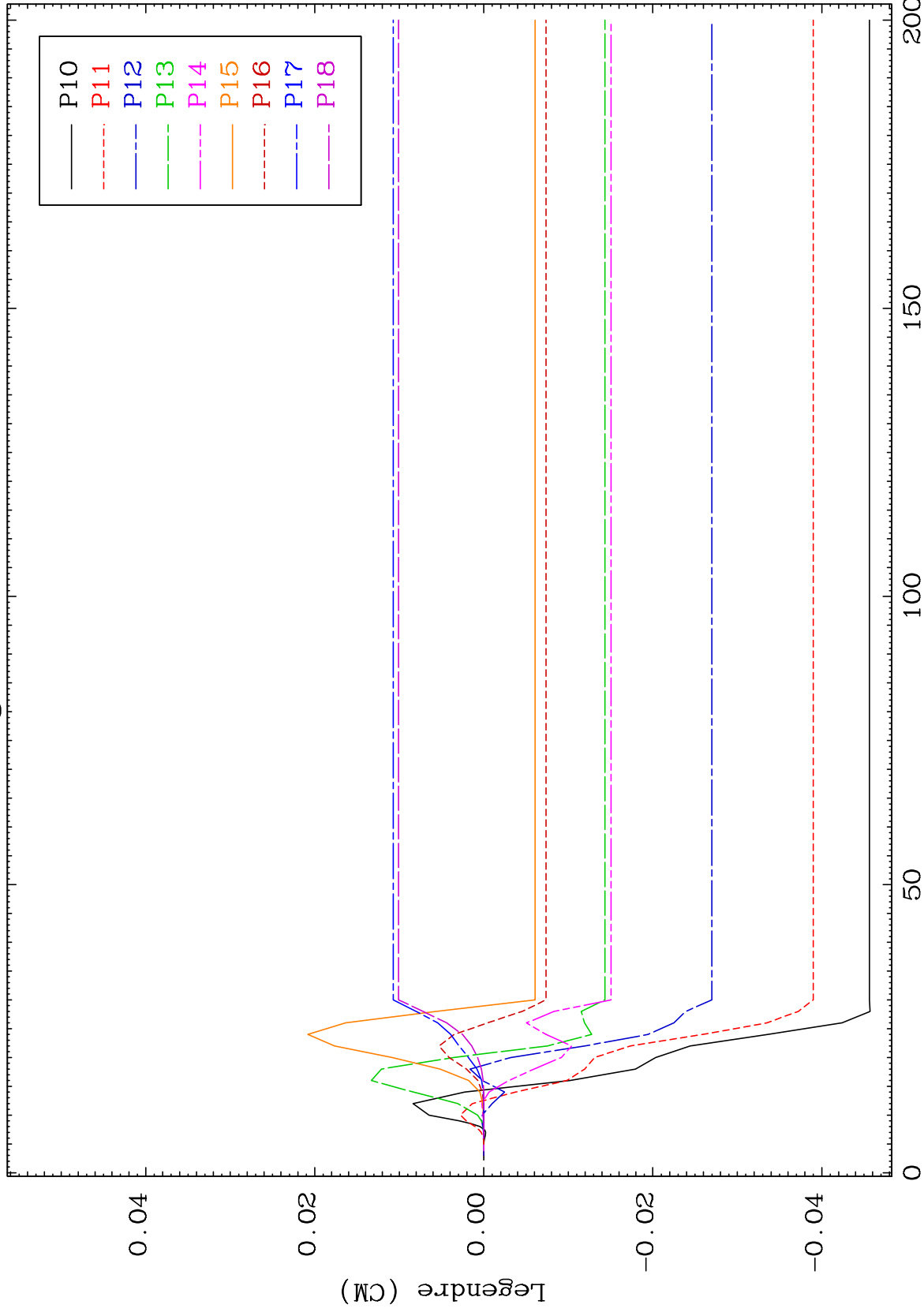
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



44

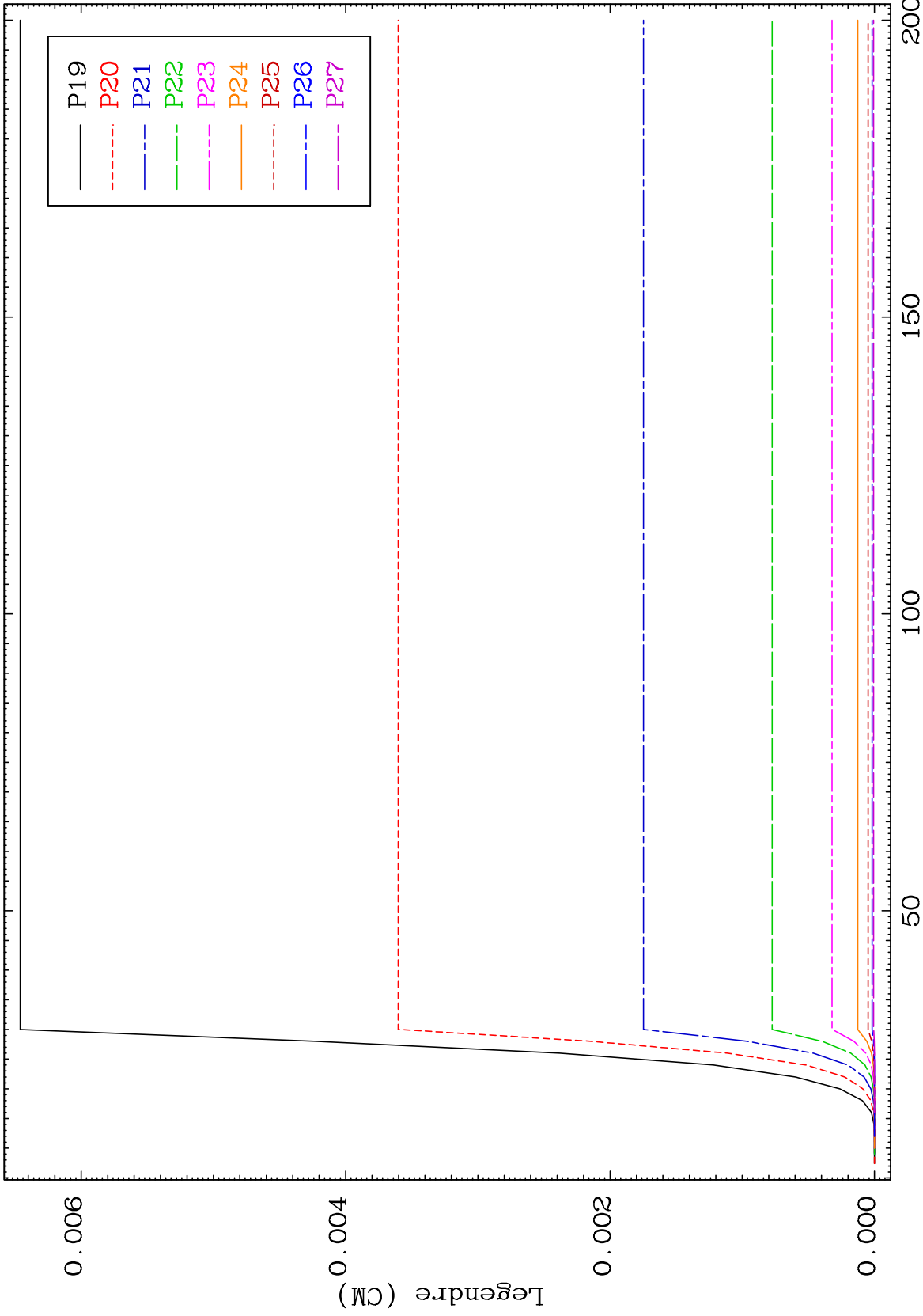
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



45

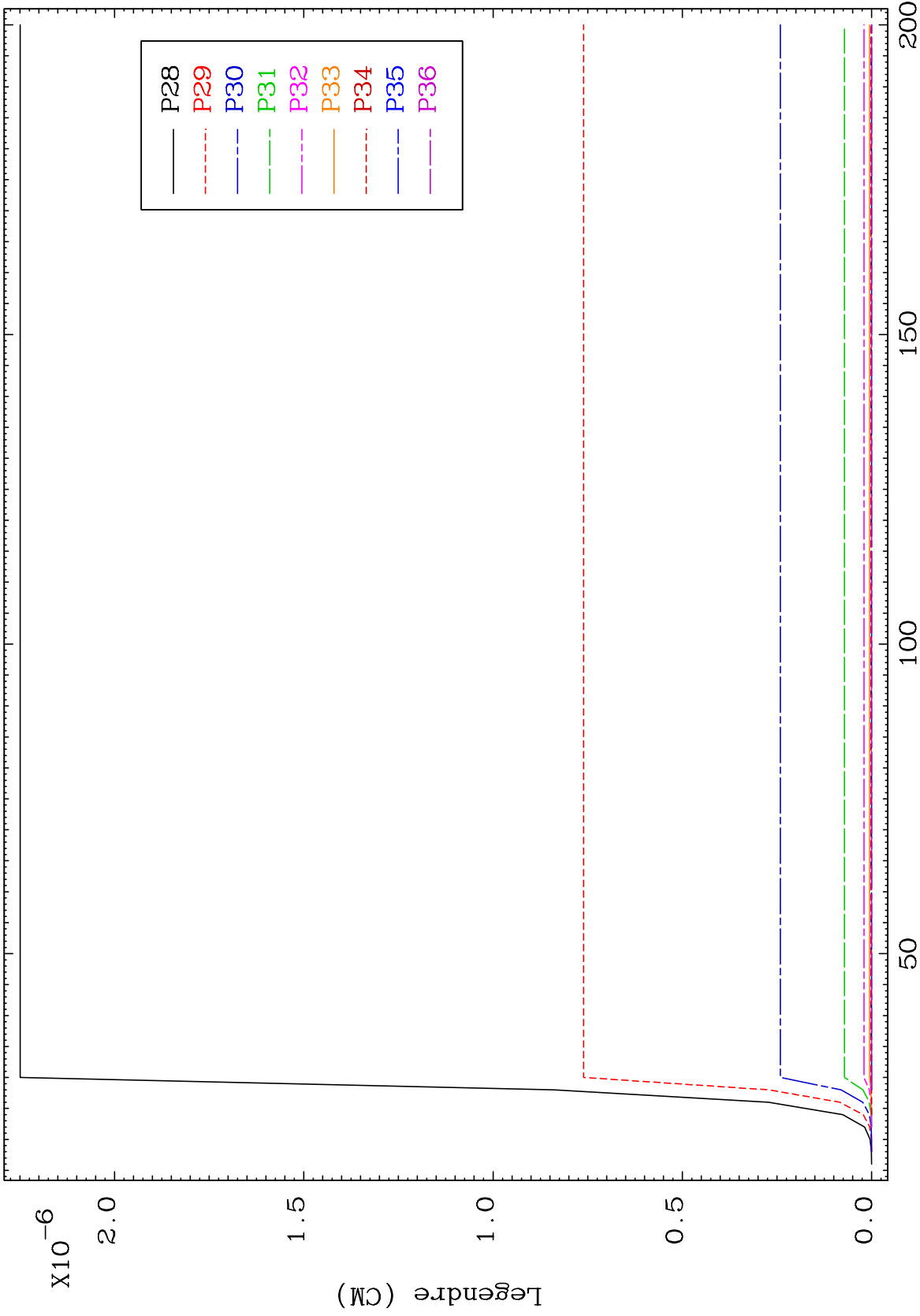
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



46

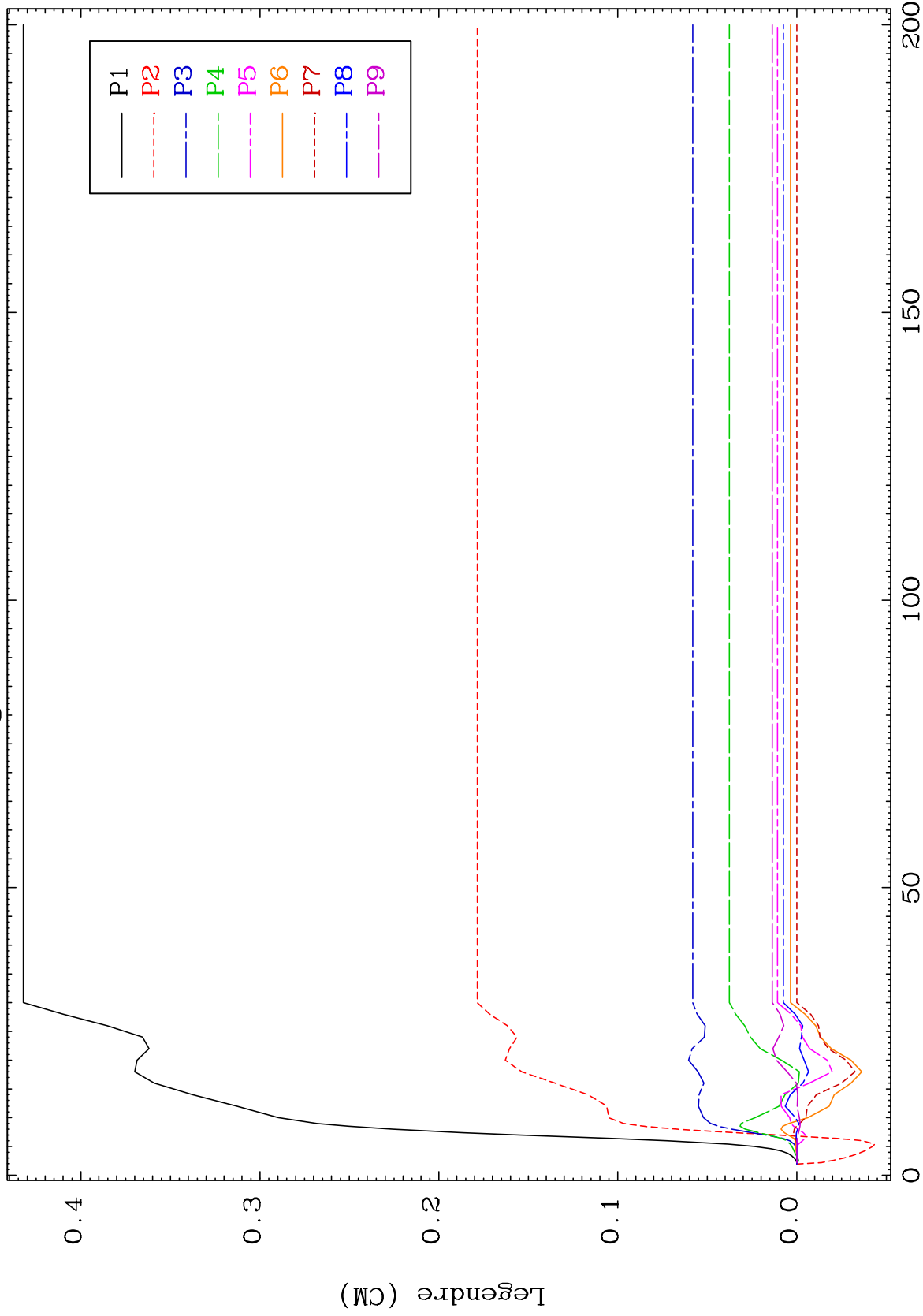
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



47

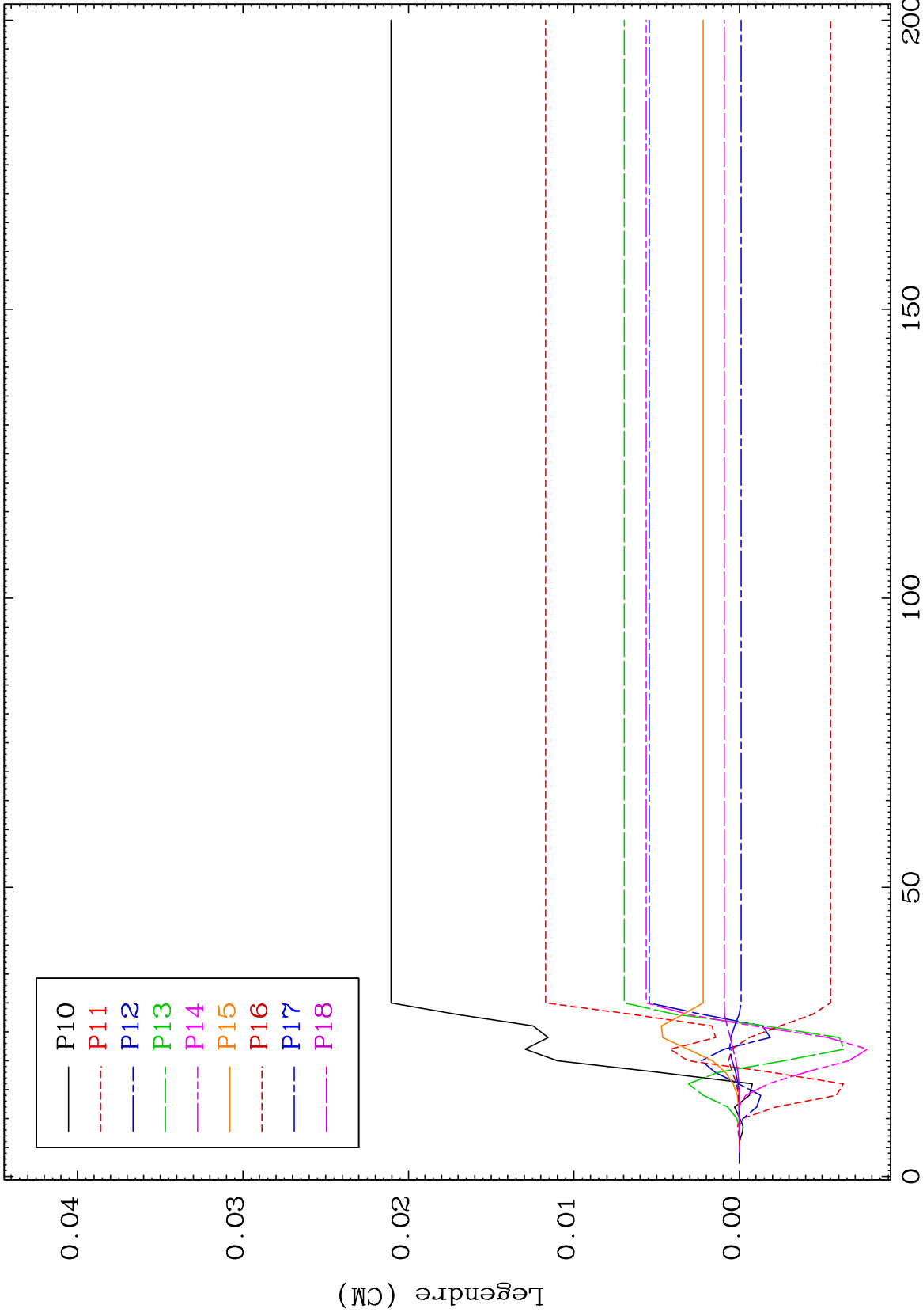
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



48

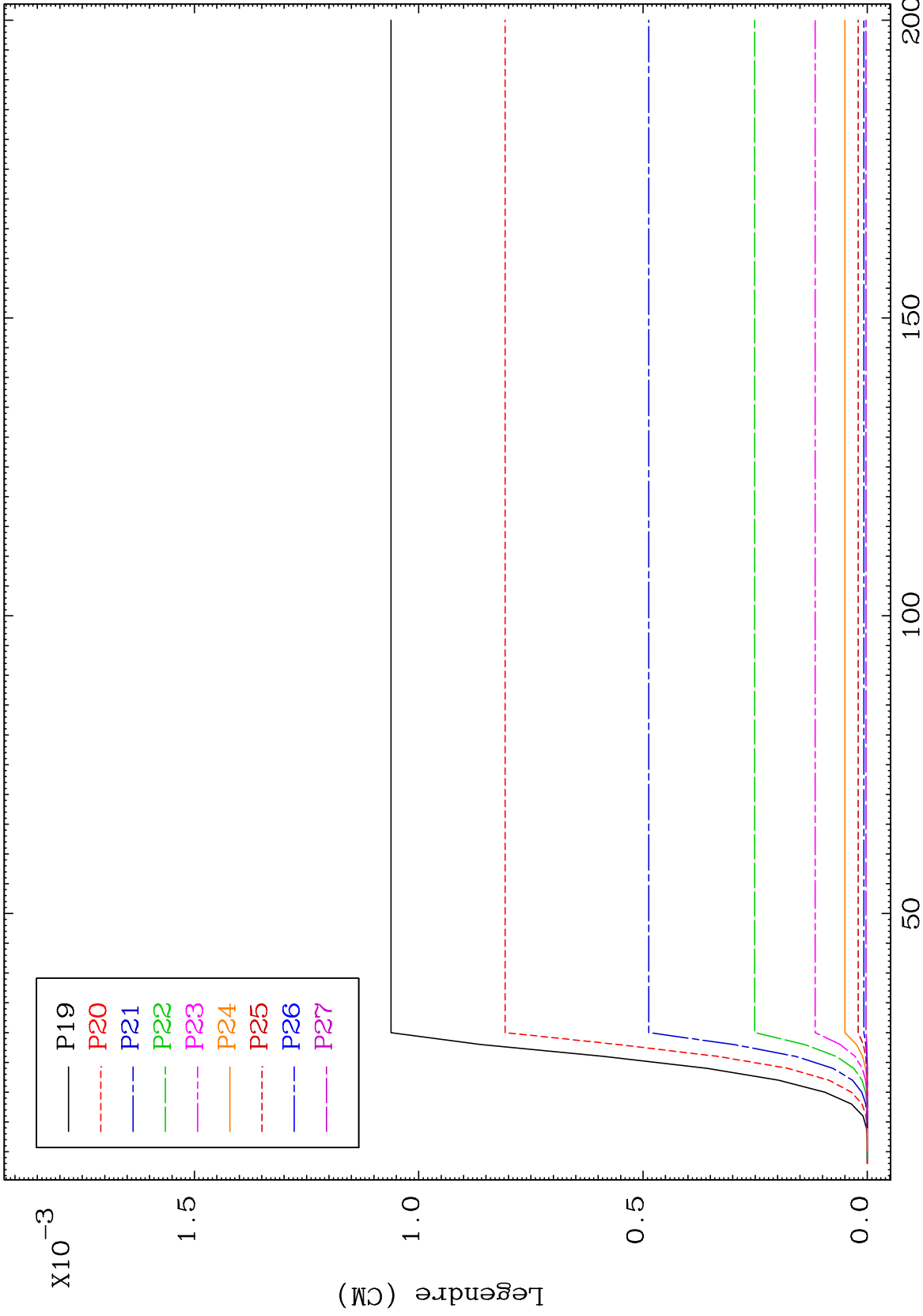
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



49

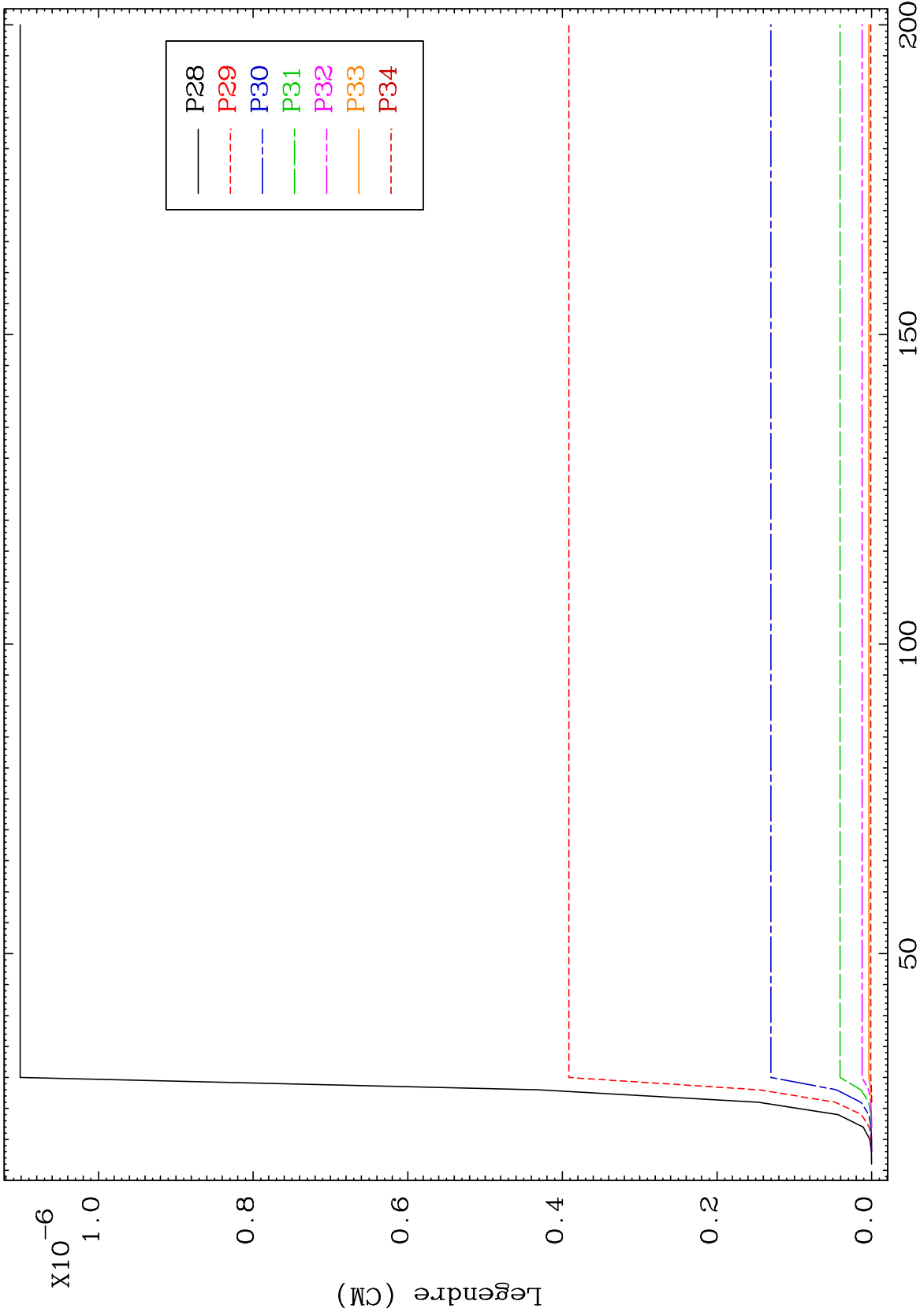
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



50

50

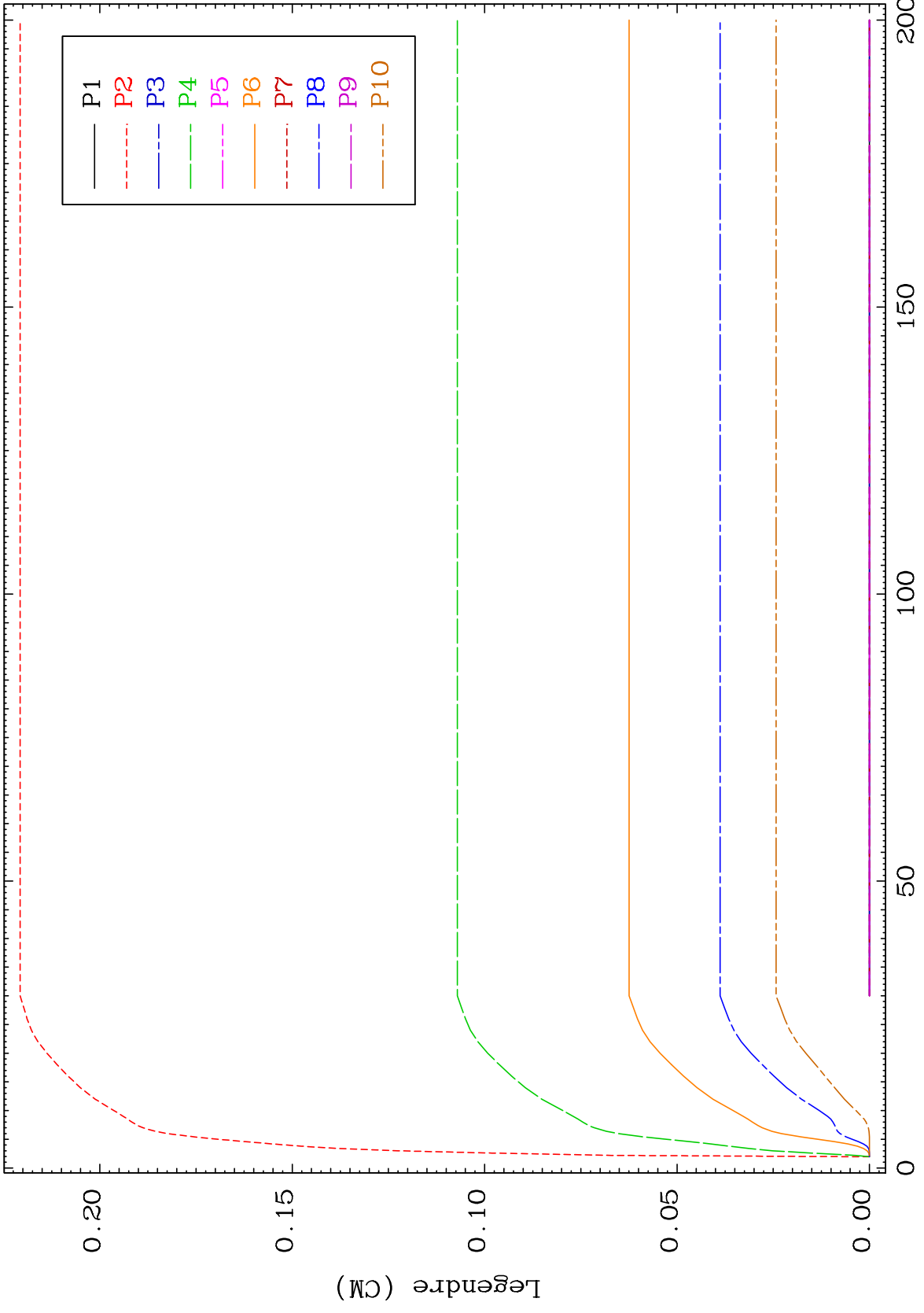
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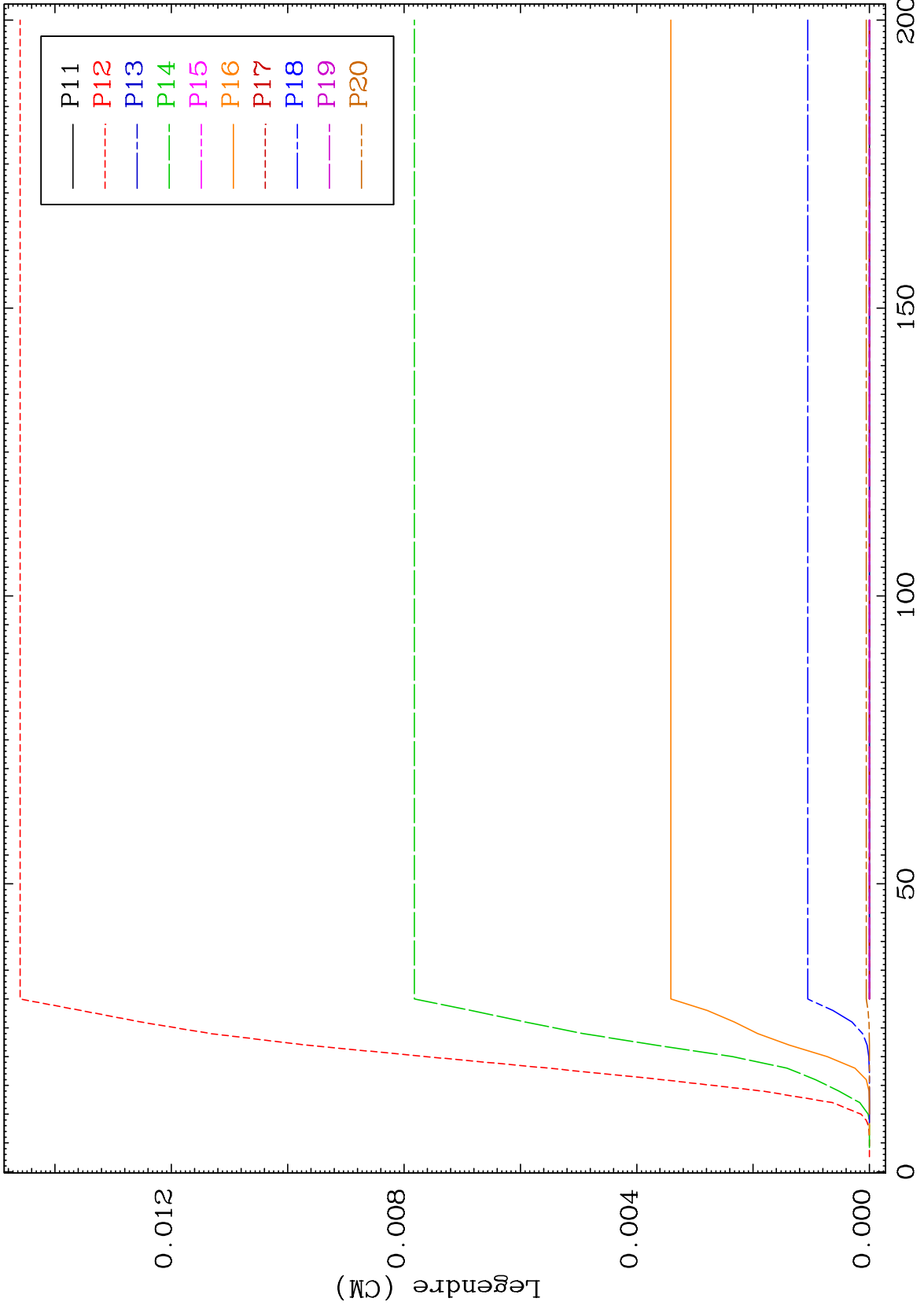
52-Te-122

MAT 5231 MT= 59 (n,n') Level Legendre Coefficients 52-Te-122



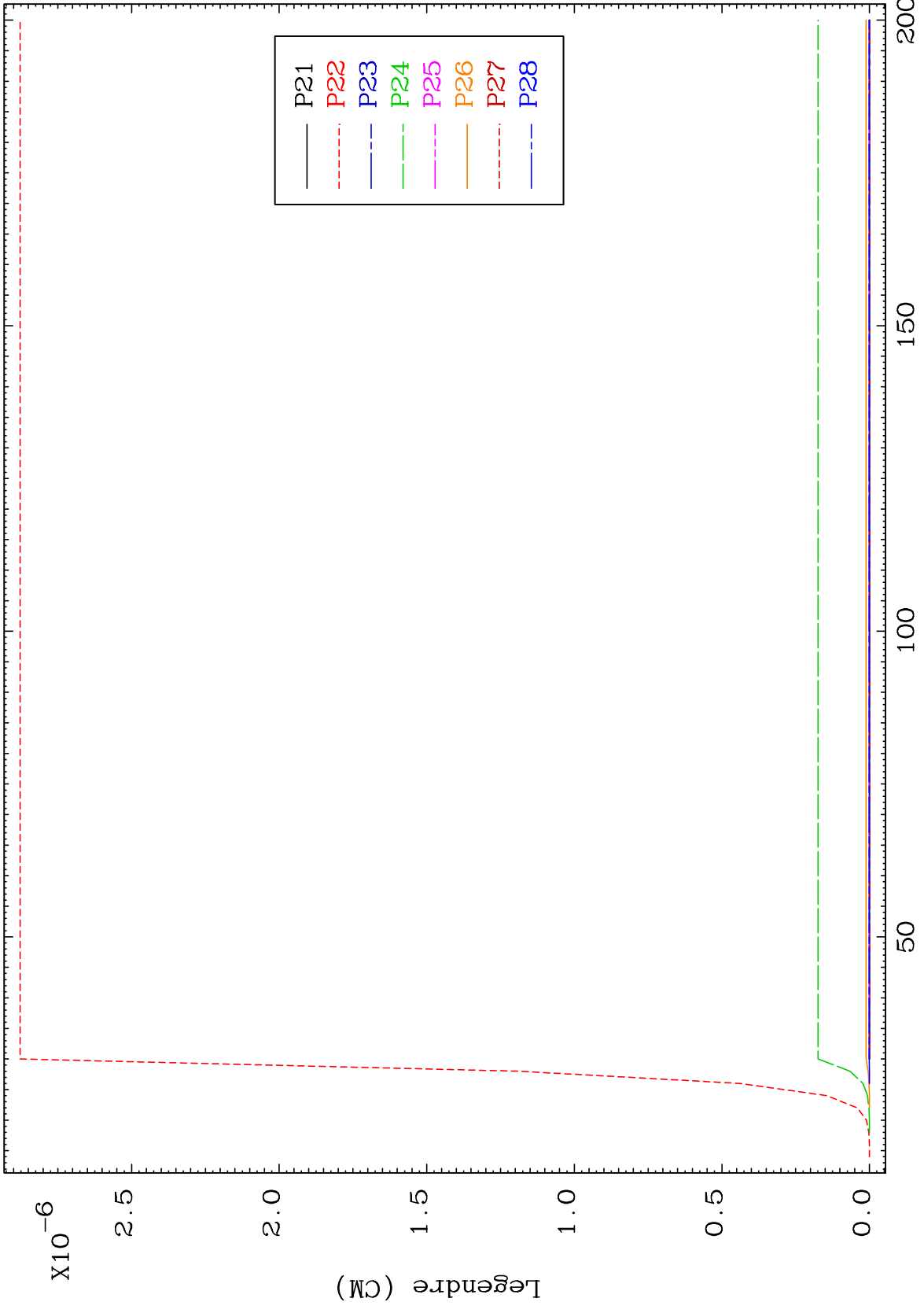
51 52-Te-122

MAT 5231 MT= 59 (n,n') Level Legendre Coefficients 52-Te-122

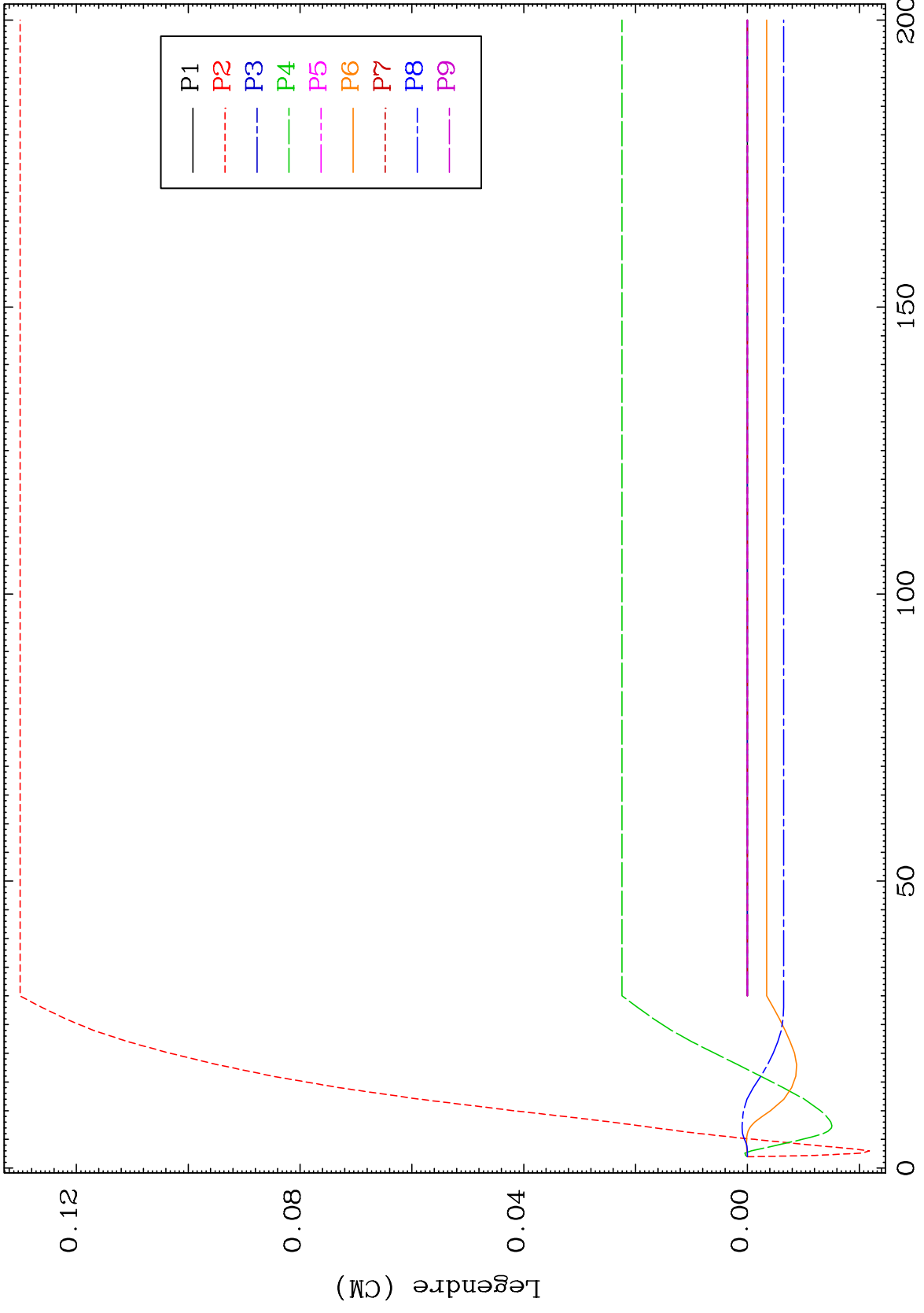


52-Te-122

MAT 5231 MT= 59 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231 MT= 60 (n,n') Level Legendre Coefficients 52-Te-122

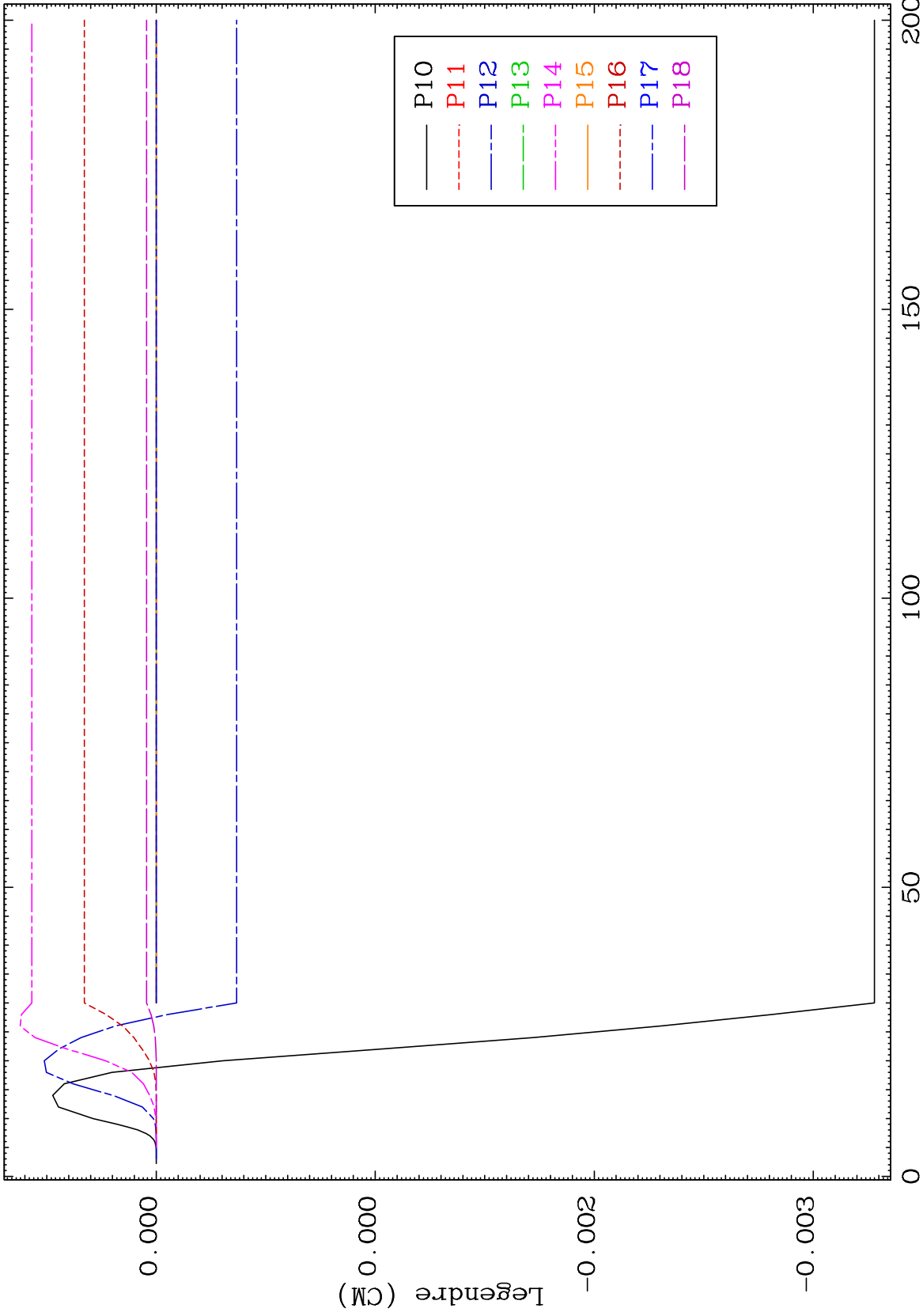


54 52-Te-122

MAT 5231

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

52-Te-122



55

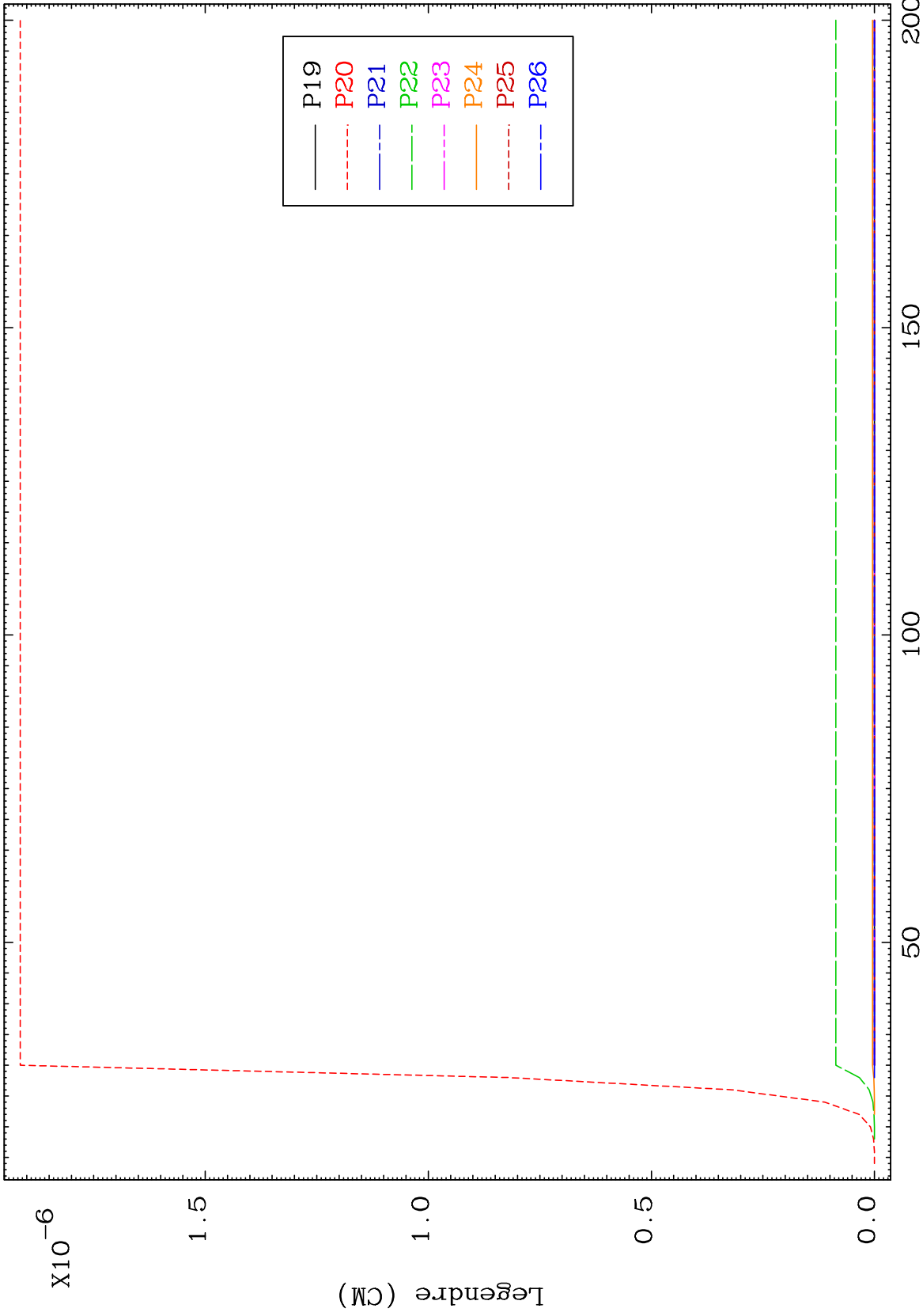
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



56

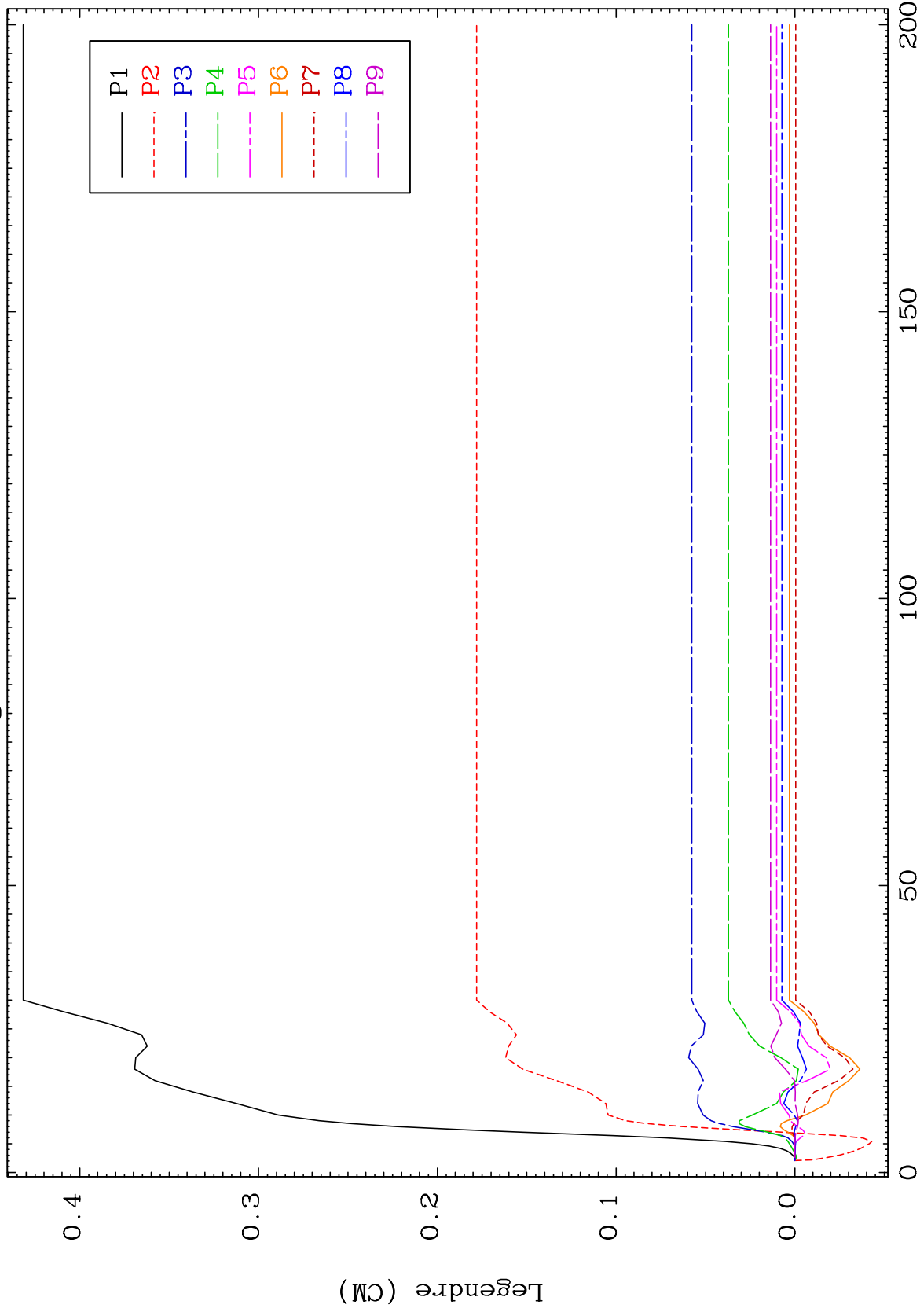
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



57

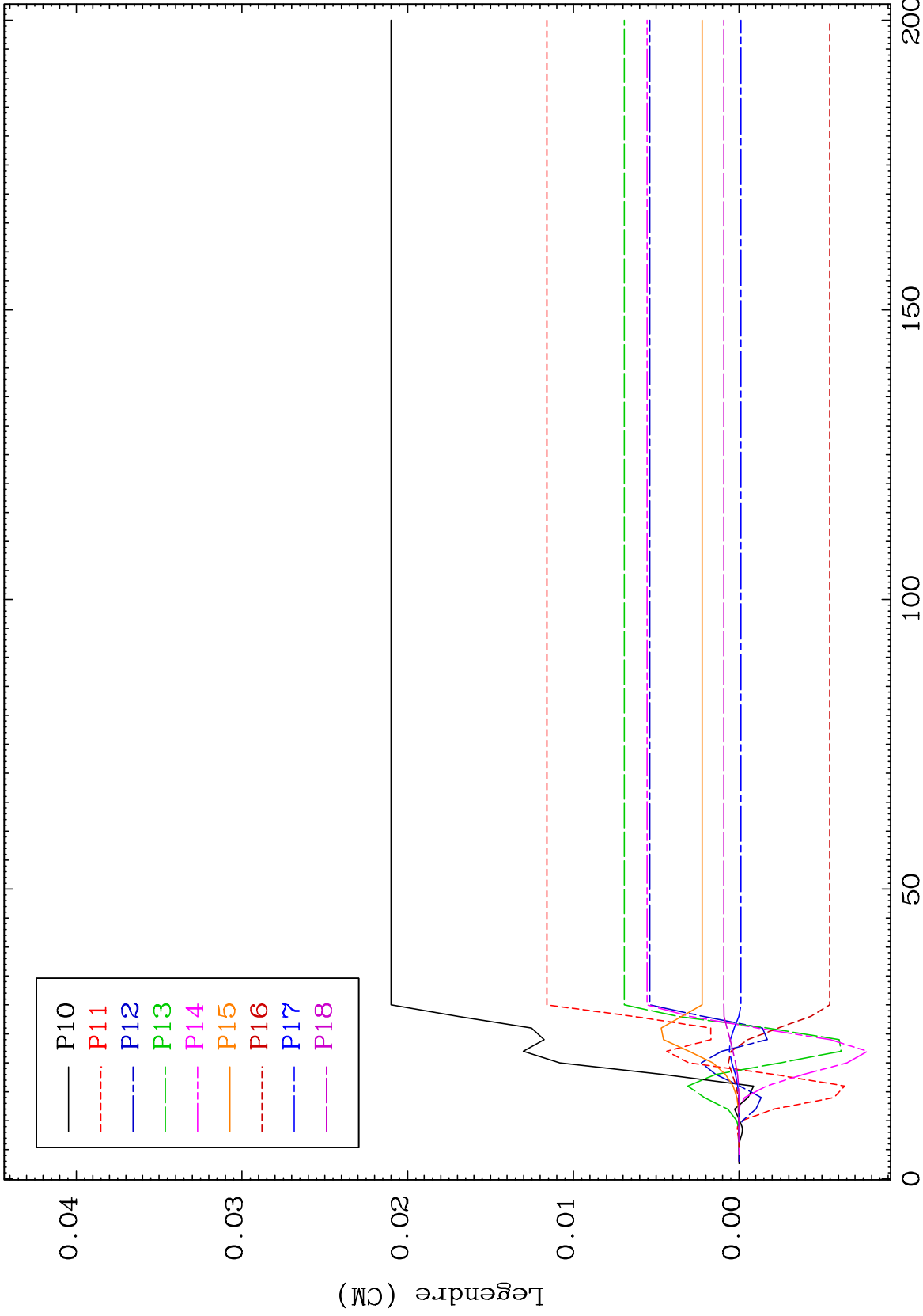
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



58

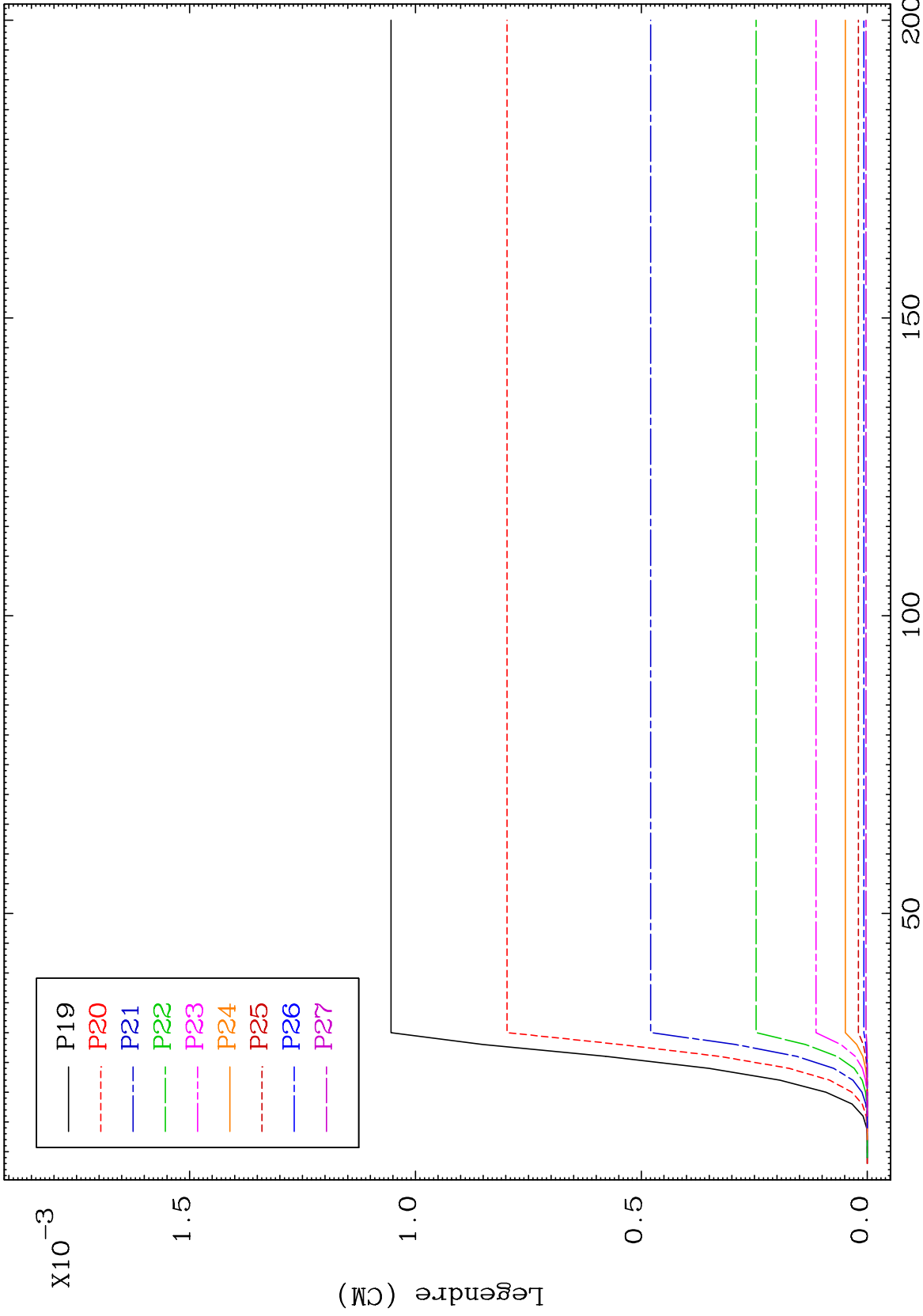
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



59

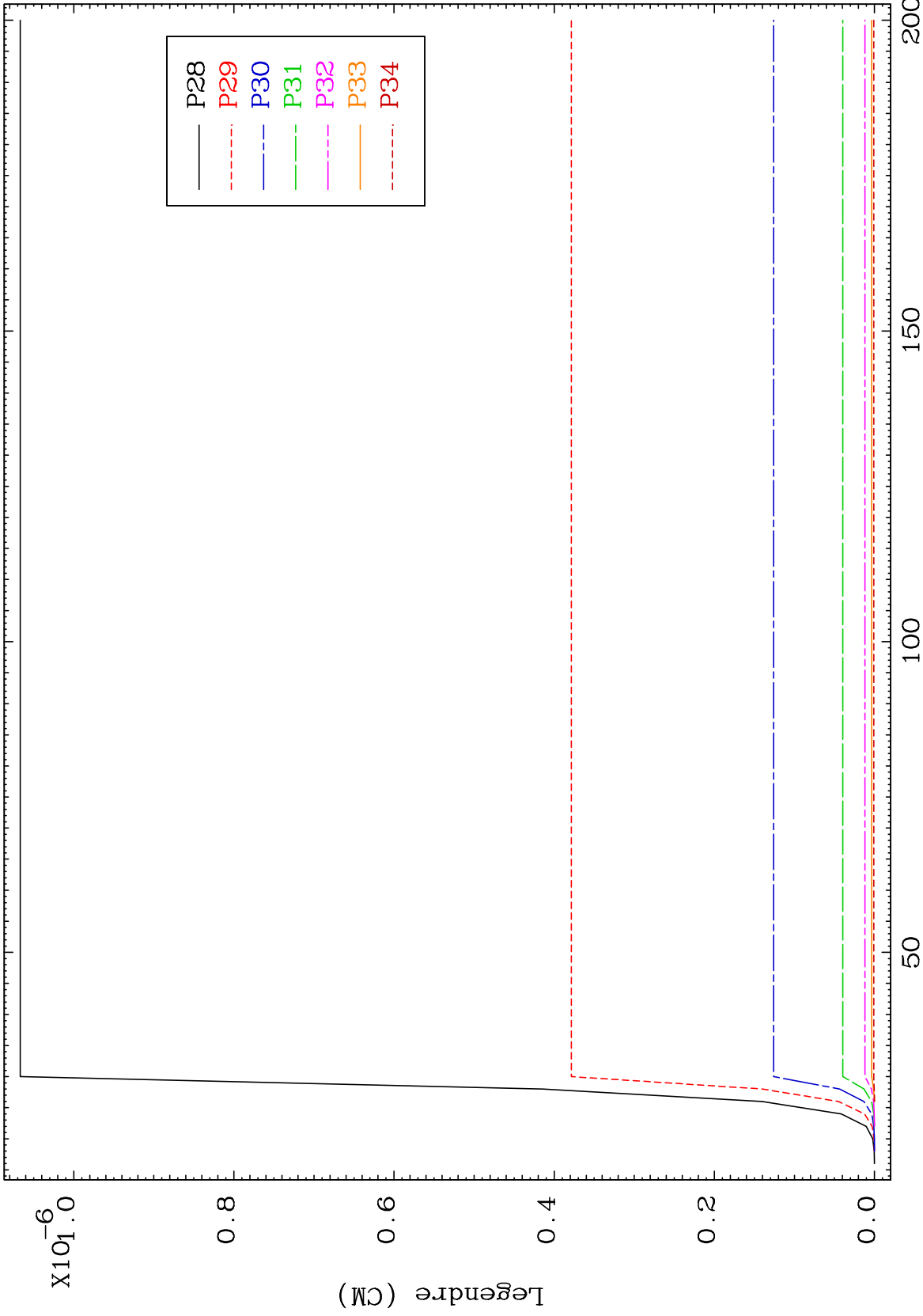
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



60

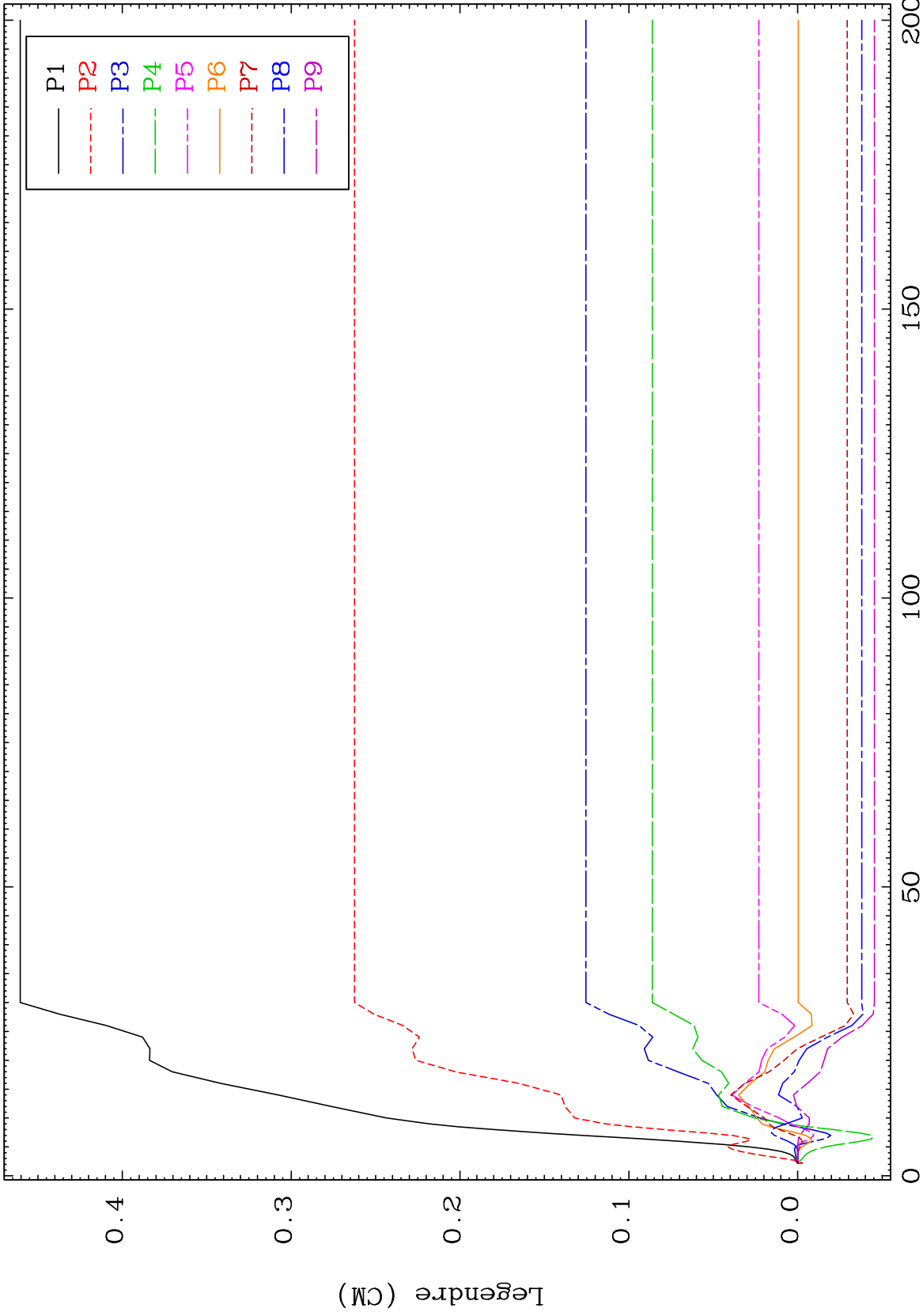
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



61

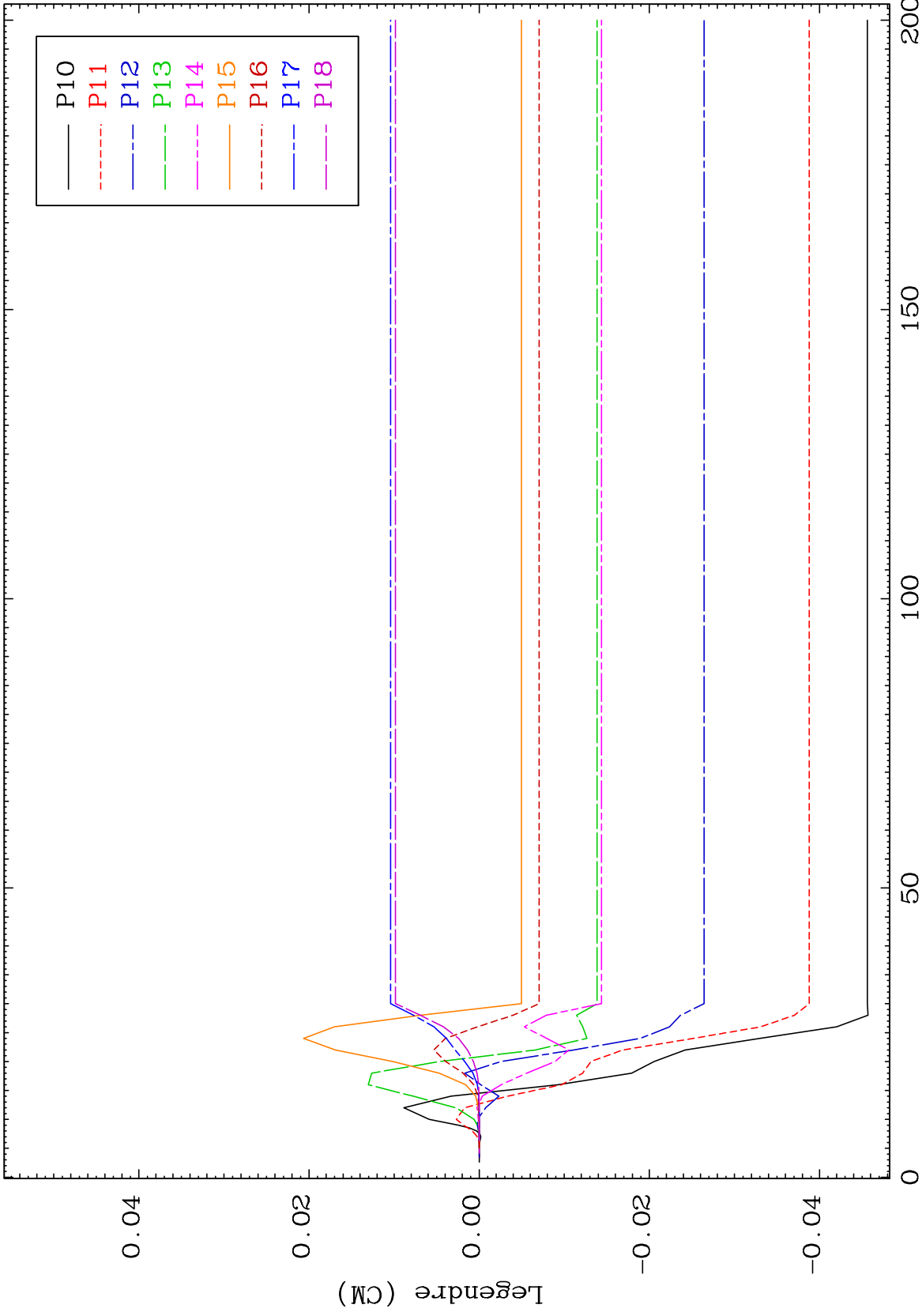
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



62

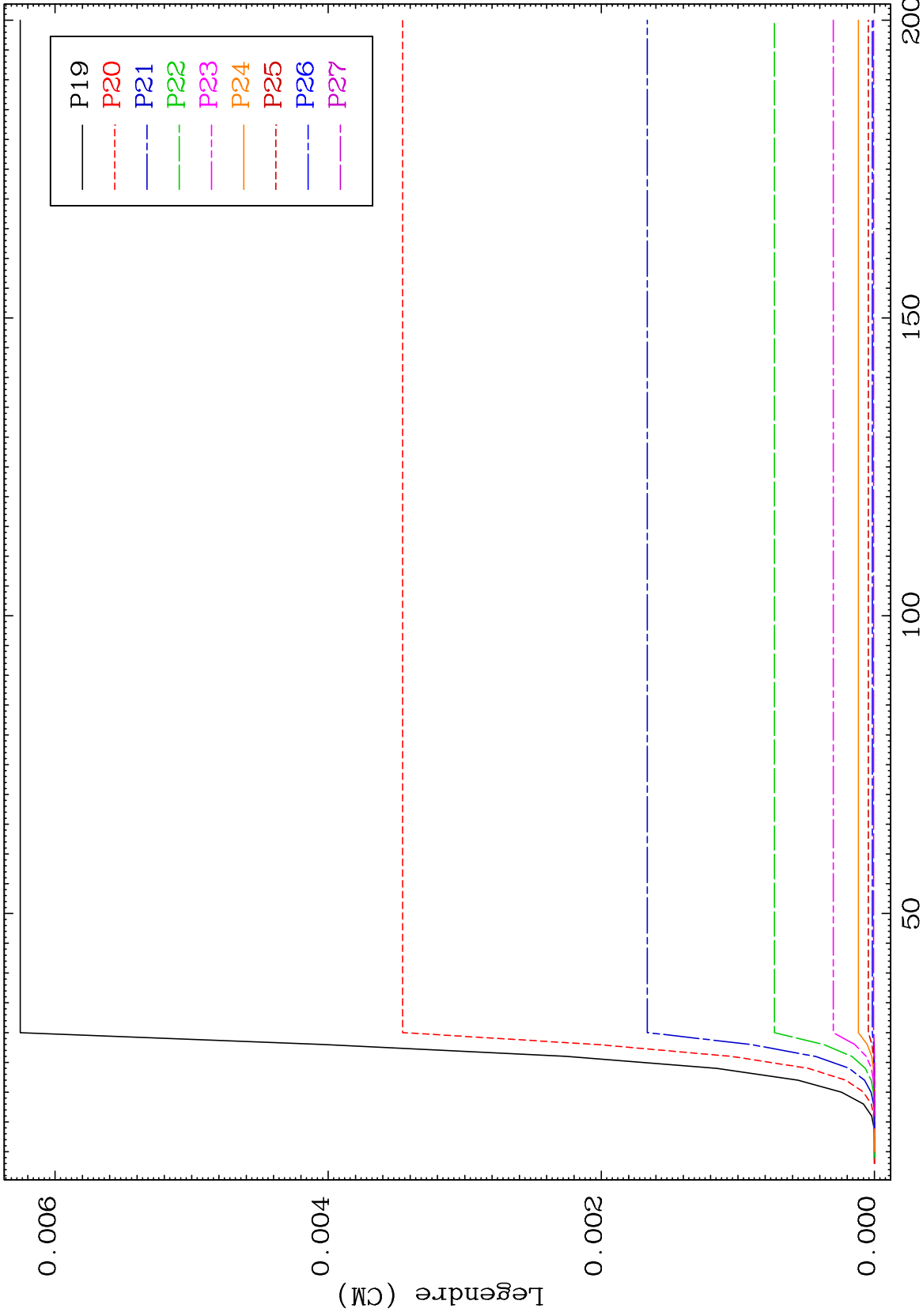
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



63

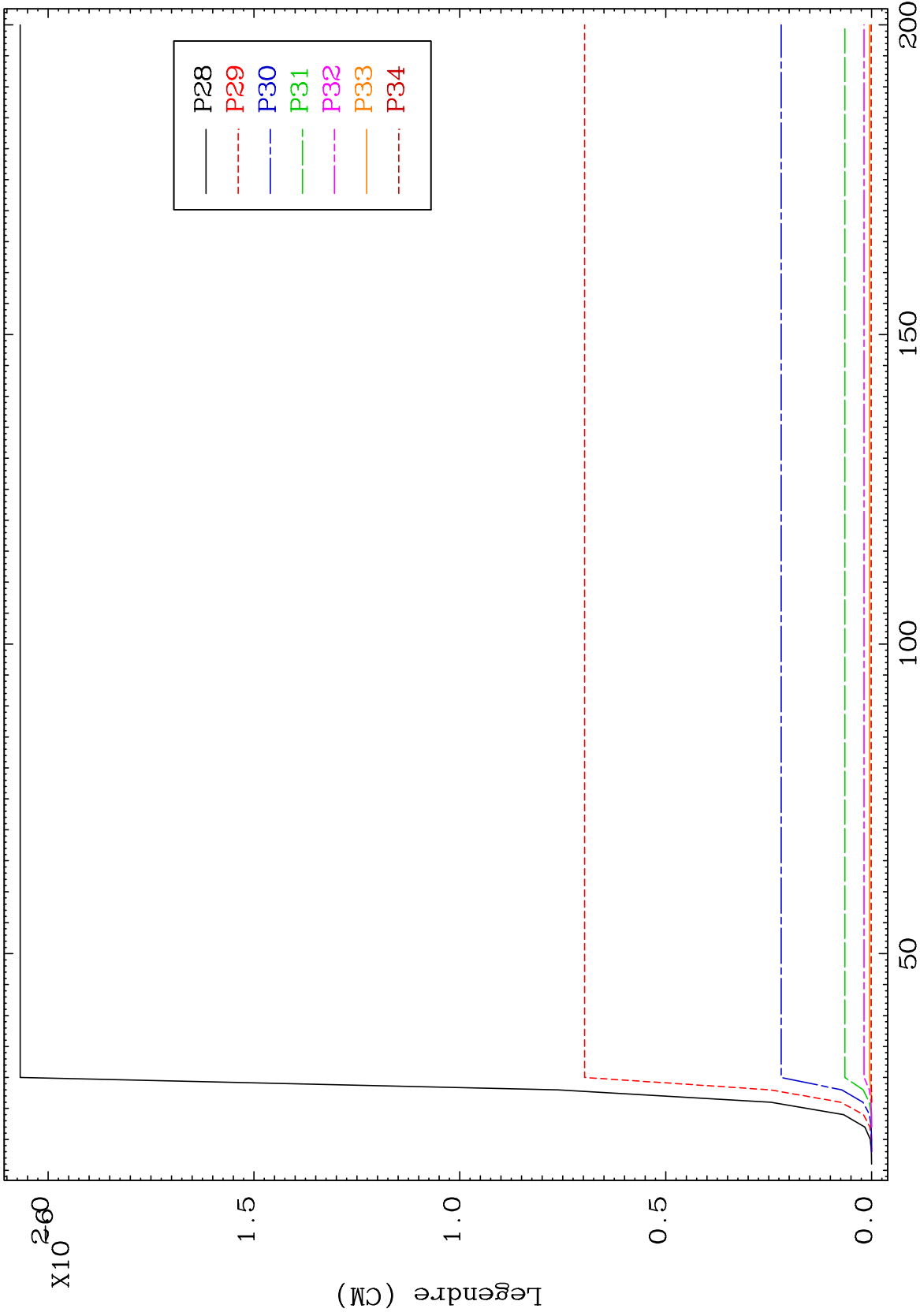
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



64

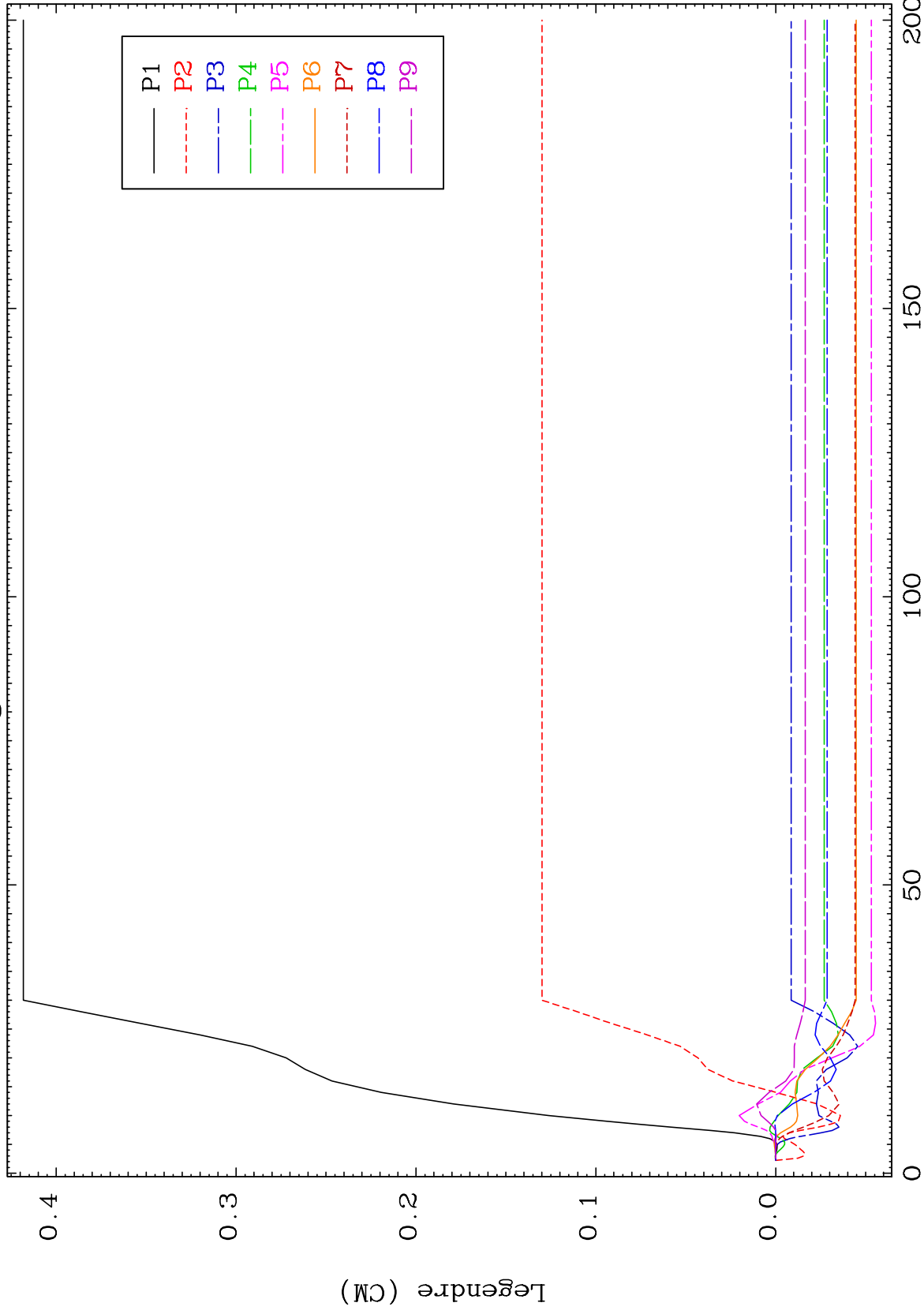
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



65

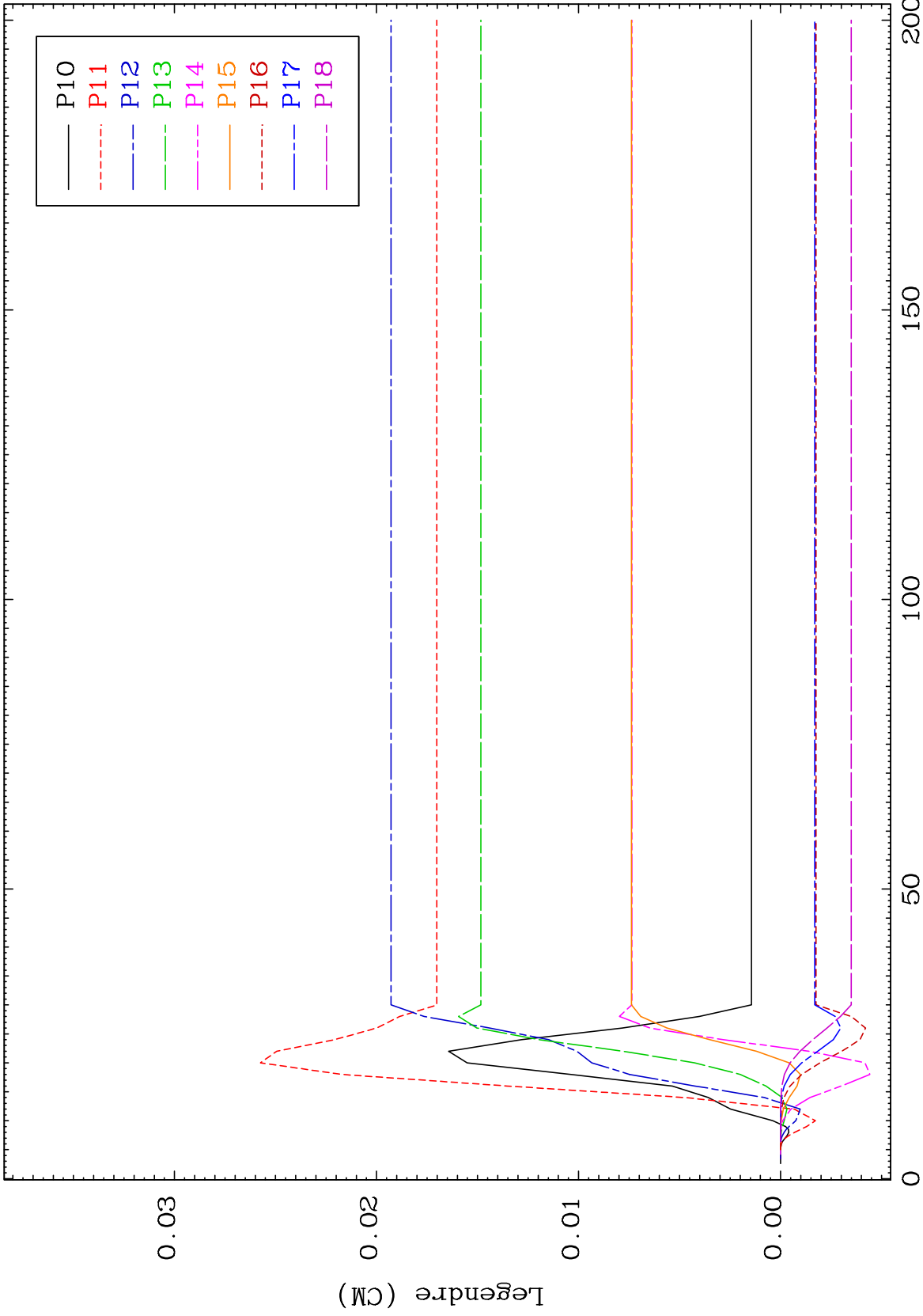
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



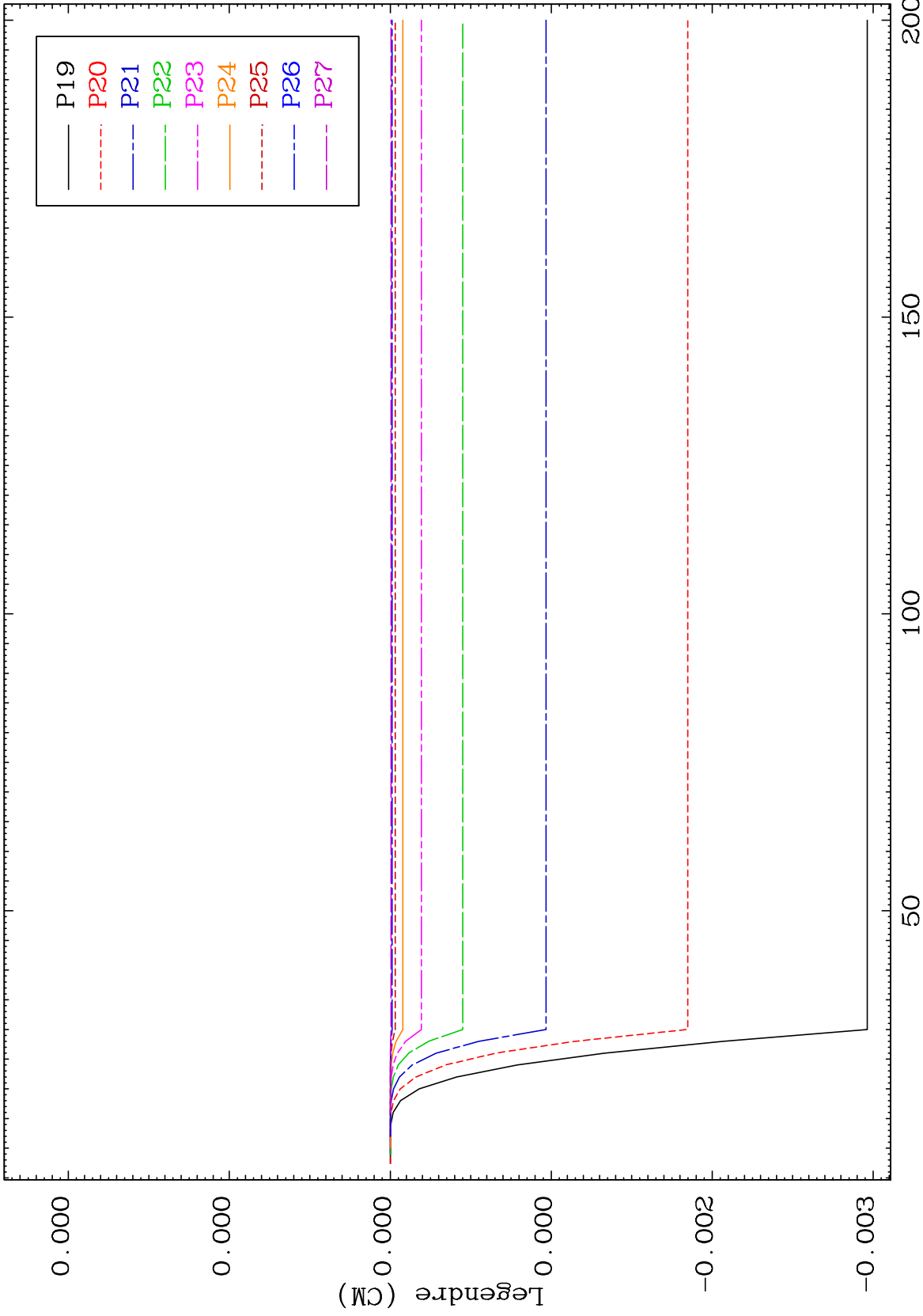
66

52-Te-122

MAT 5231

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

52-Te-122



67

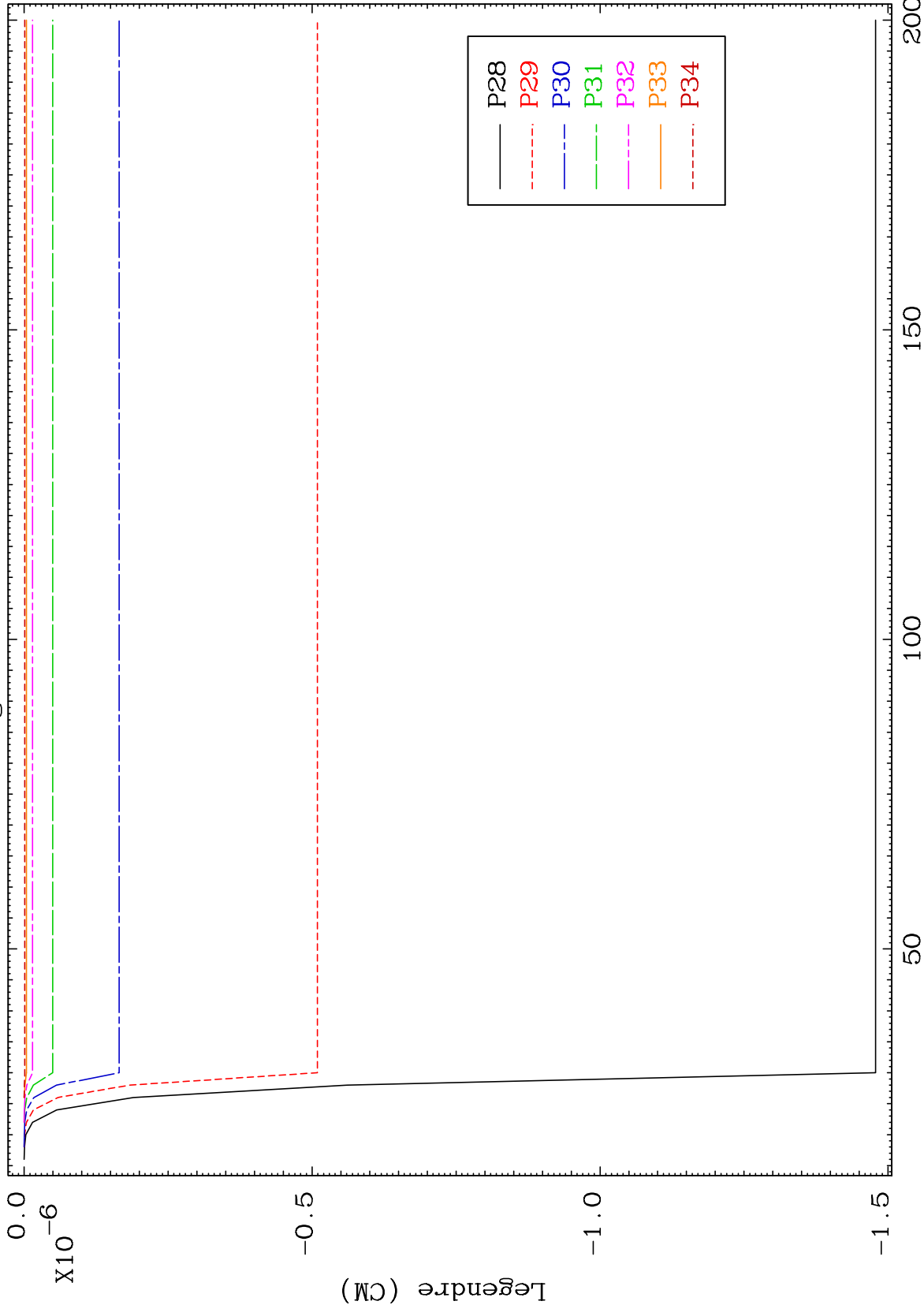
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



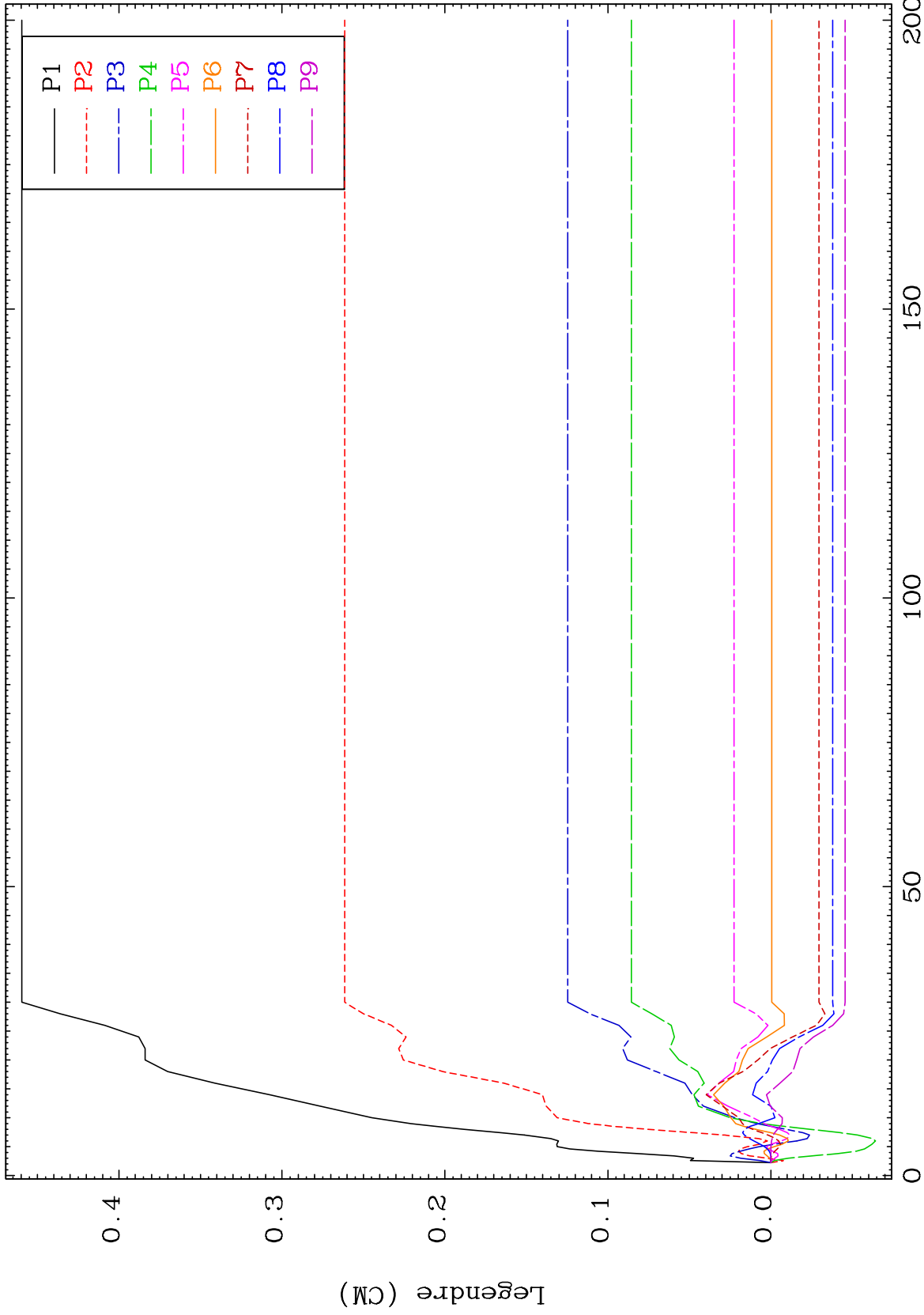
68

52-Te-122

MAT 5231

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

52-Te-122



69

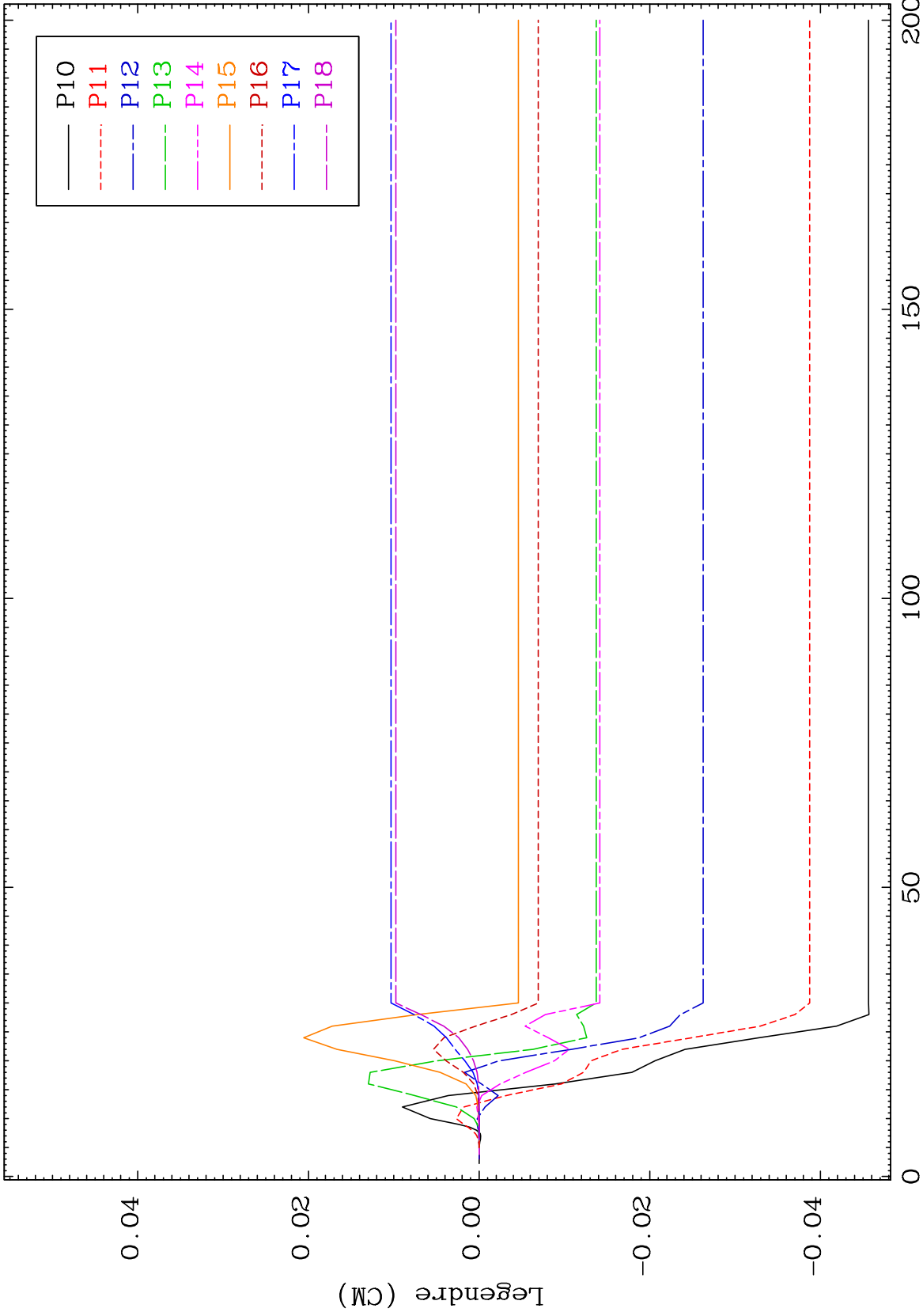
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



70

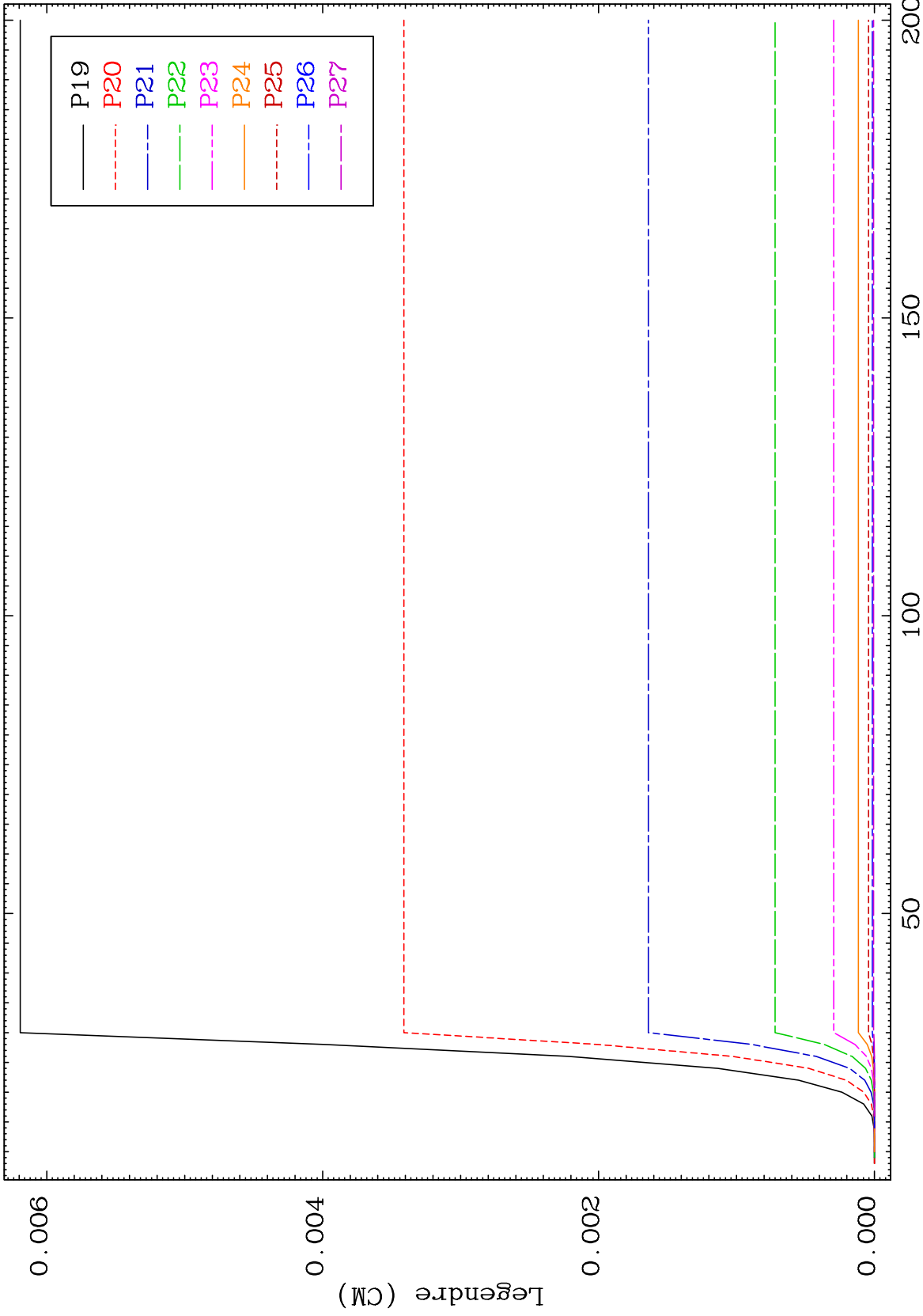
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



71

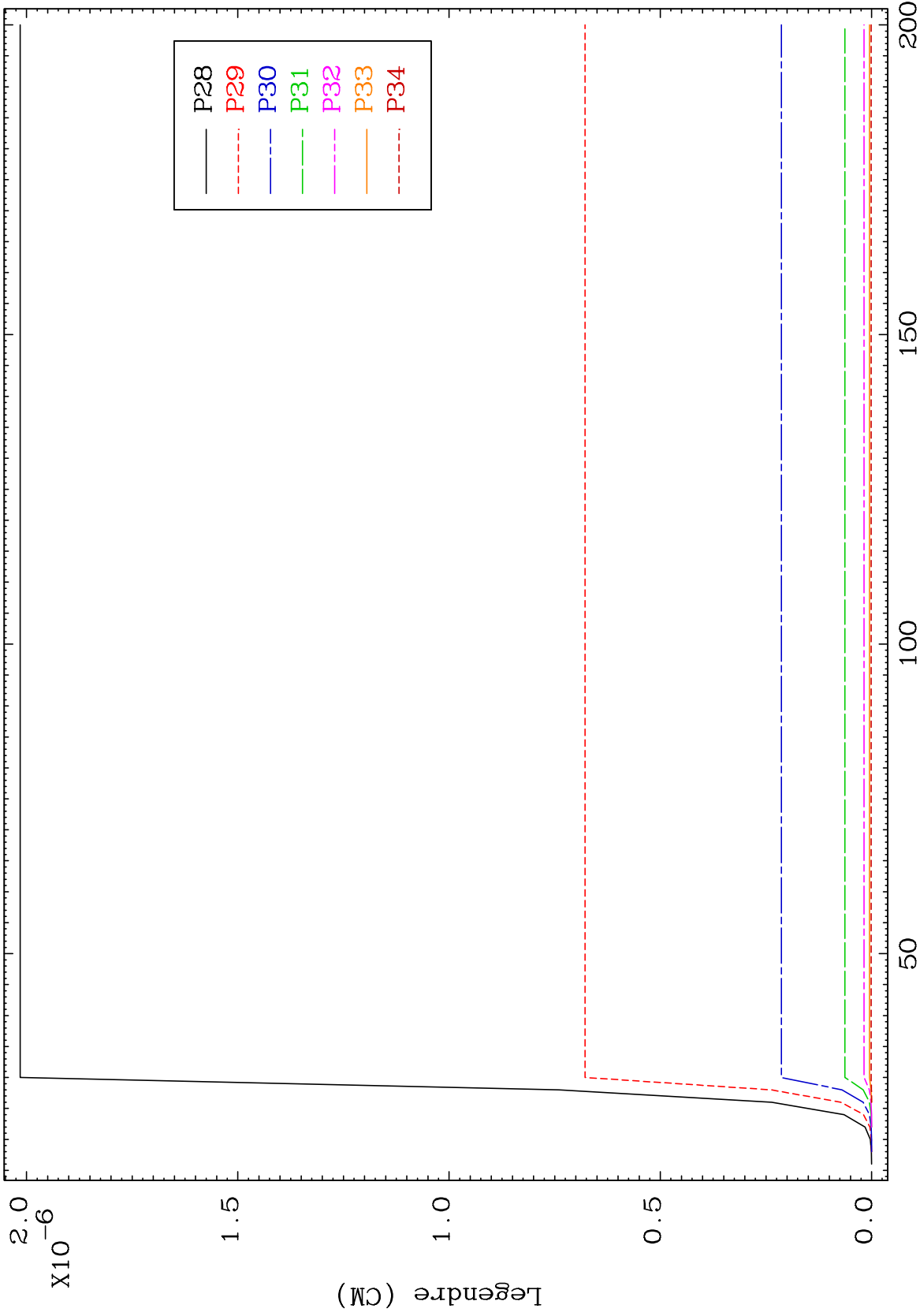
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

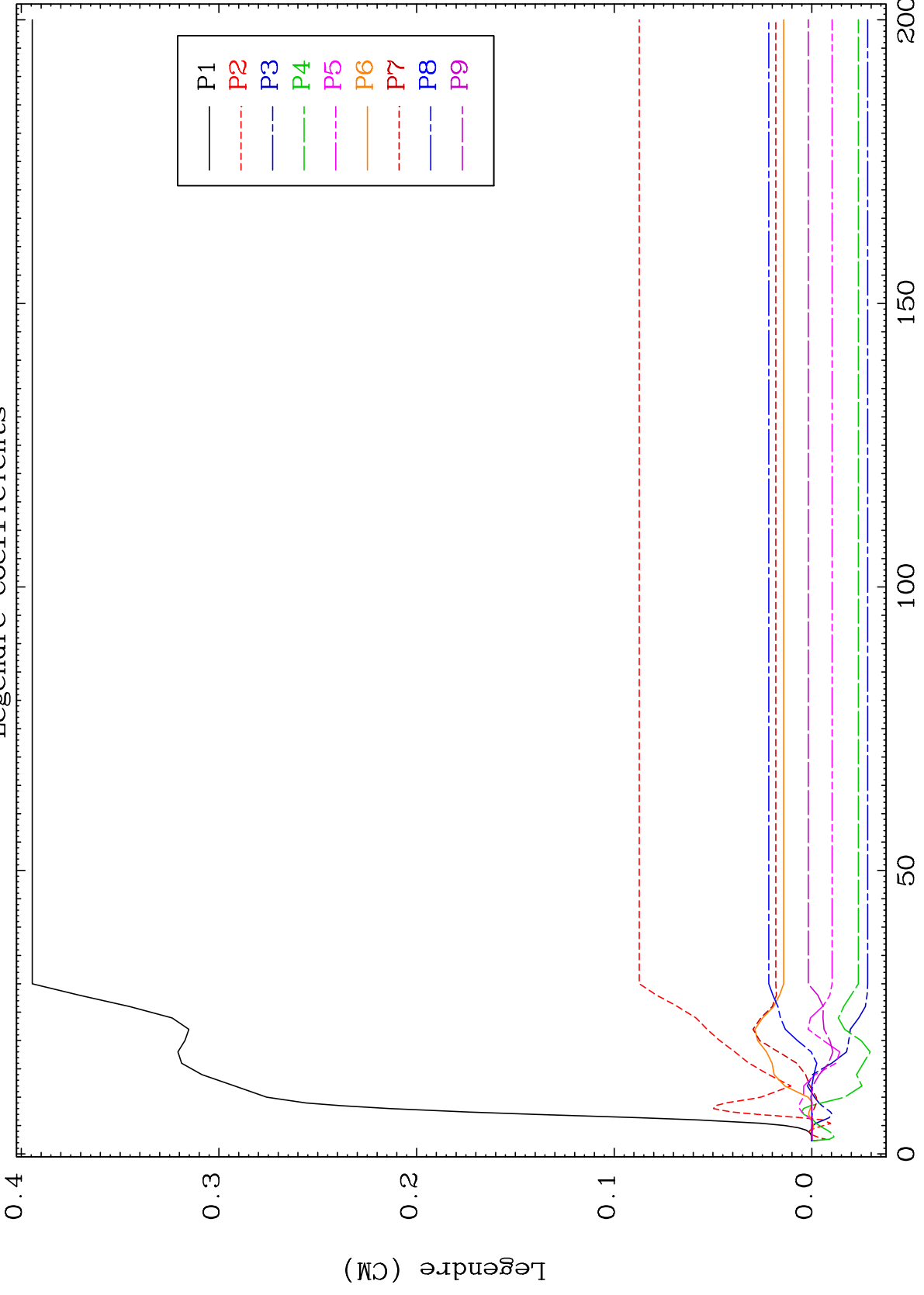


72

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 65 (n,n') Level Legendre Coefficients 52-Te-122

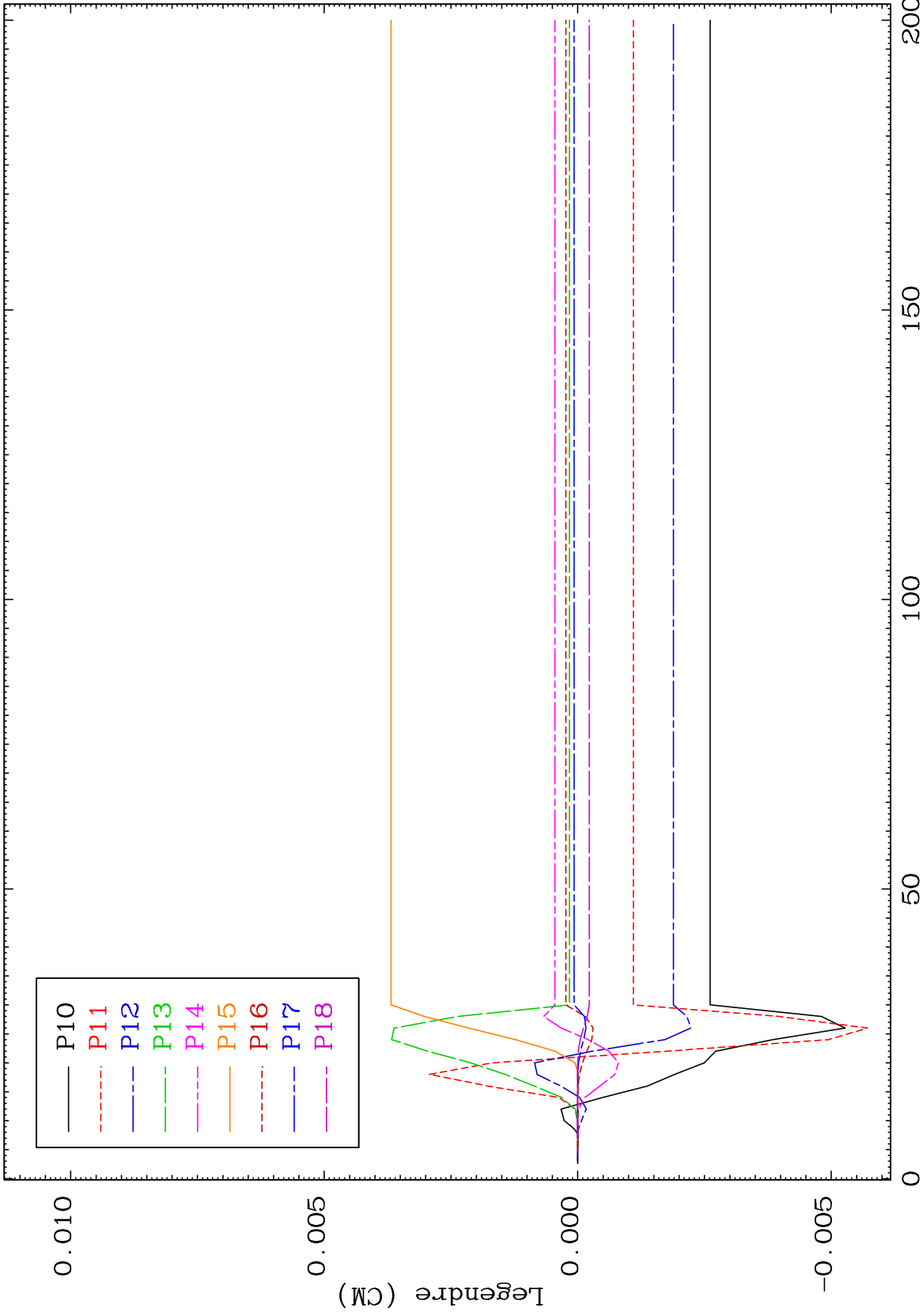


73 52-Te-122

MAT 5231

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

52-Te-122

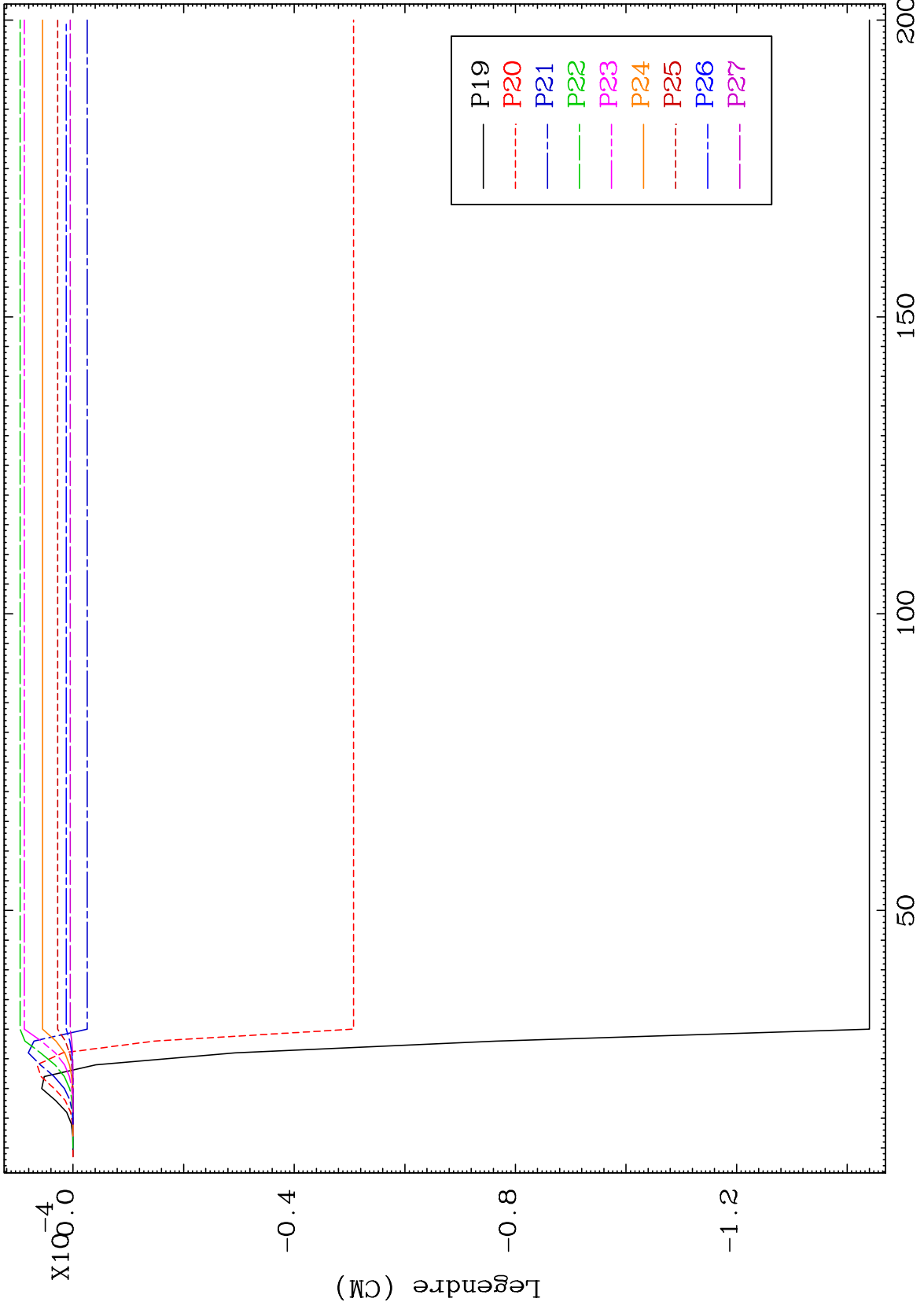


74

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 65 (n,n') Level Legendre Coefficients 52-Te-122

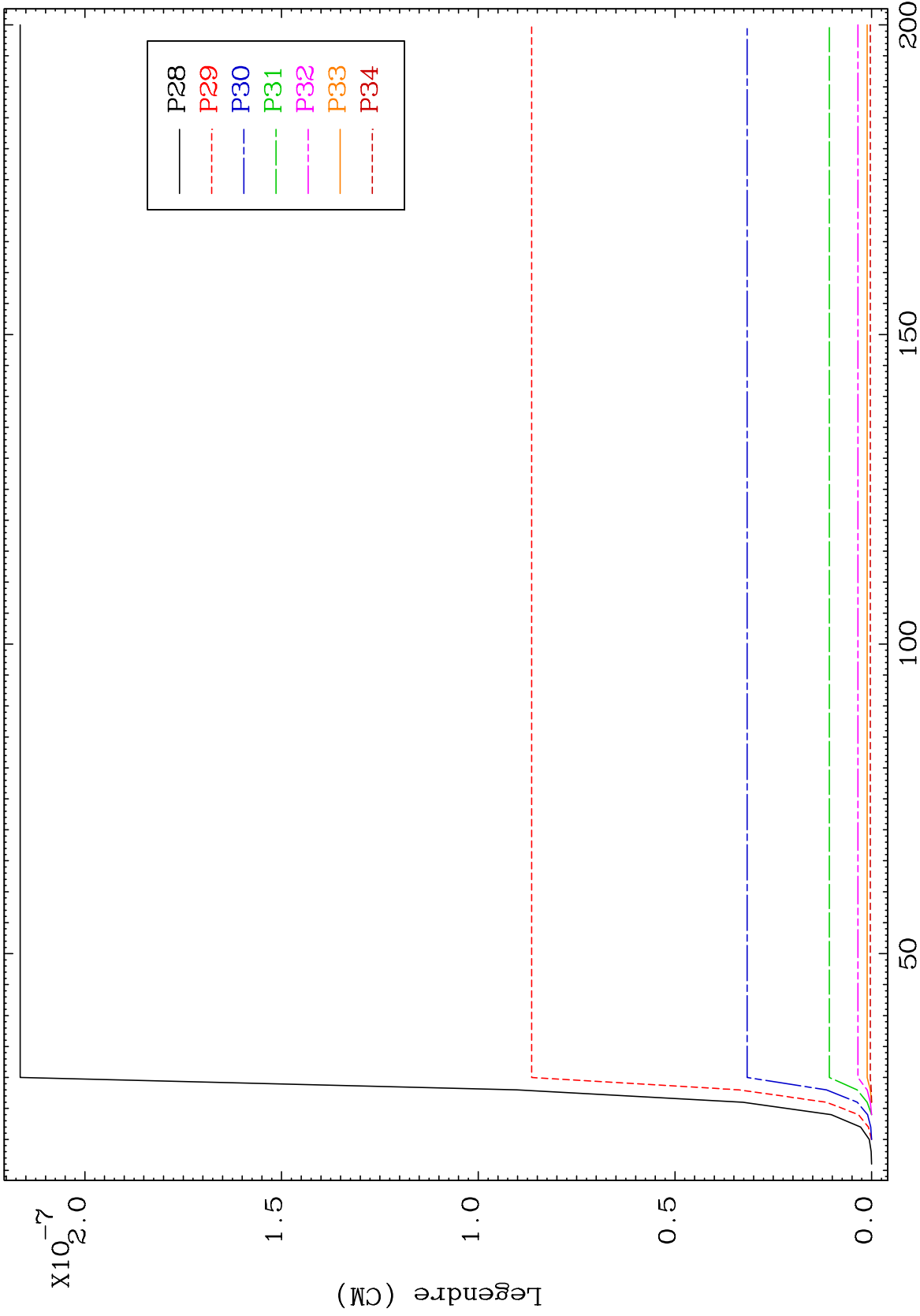


75 52-Te-122

MAT 5231

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

52-Te-122



76

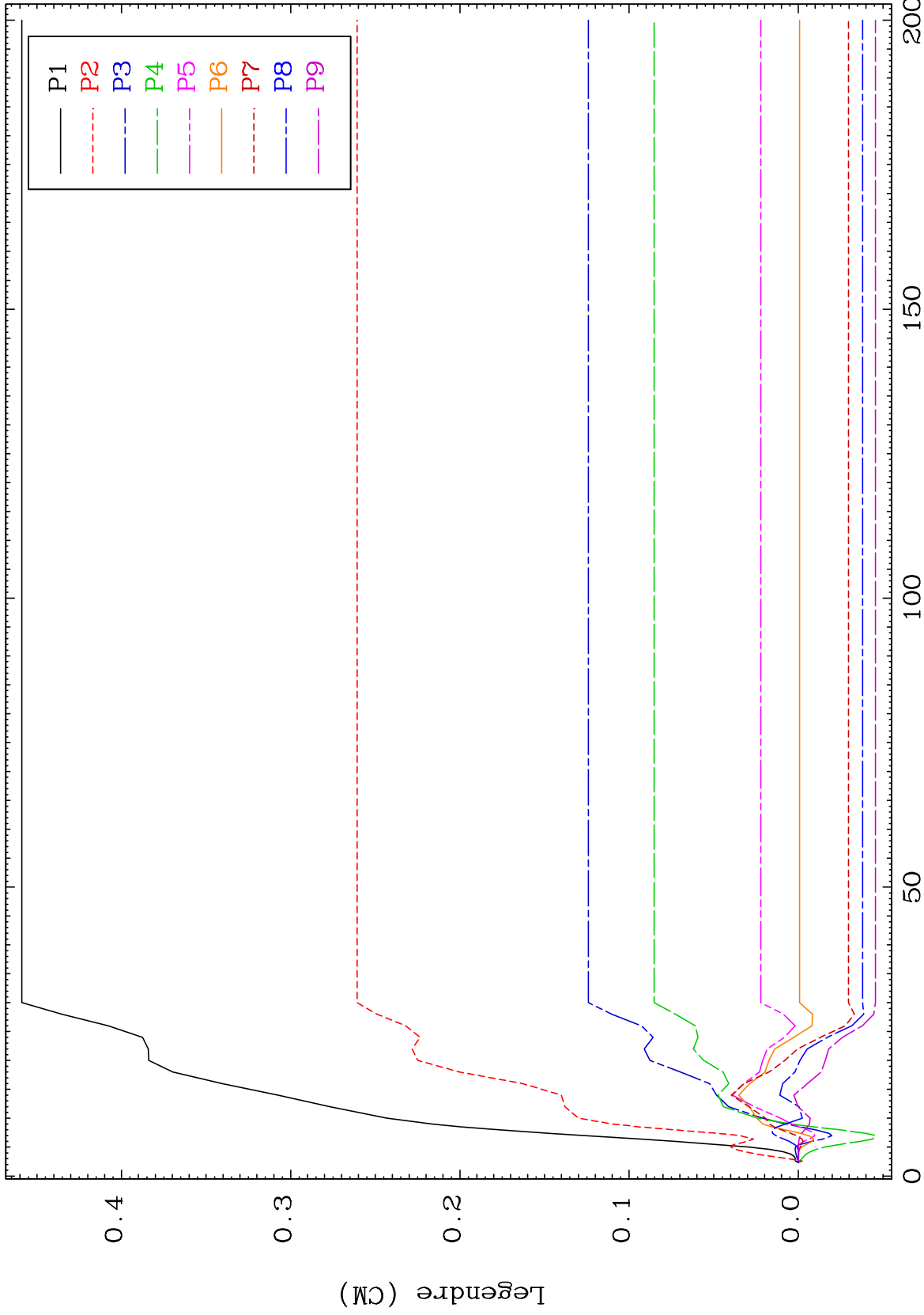
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



77

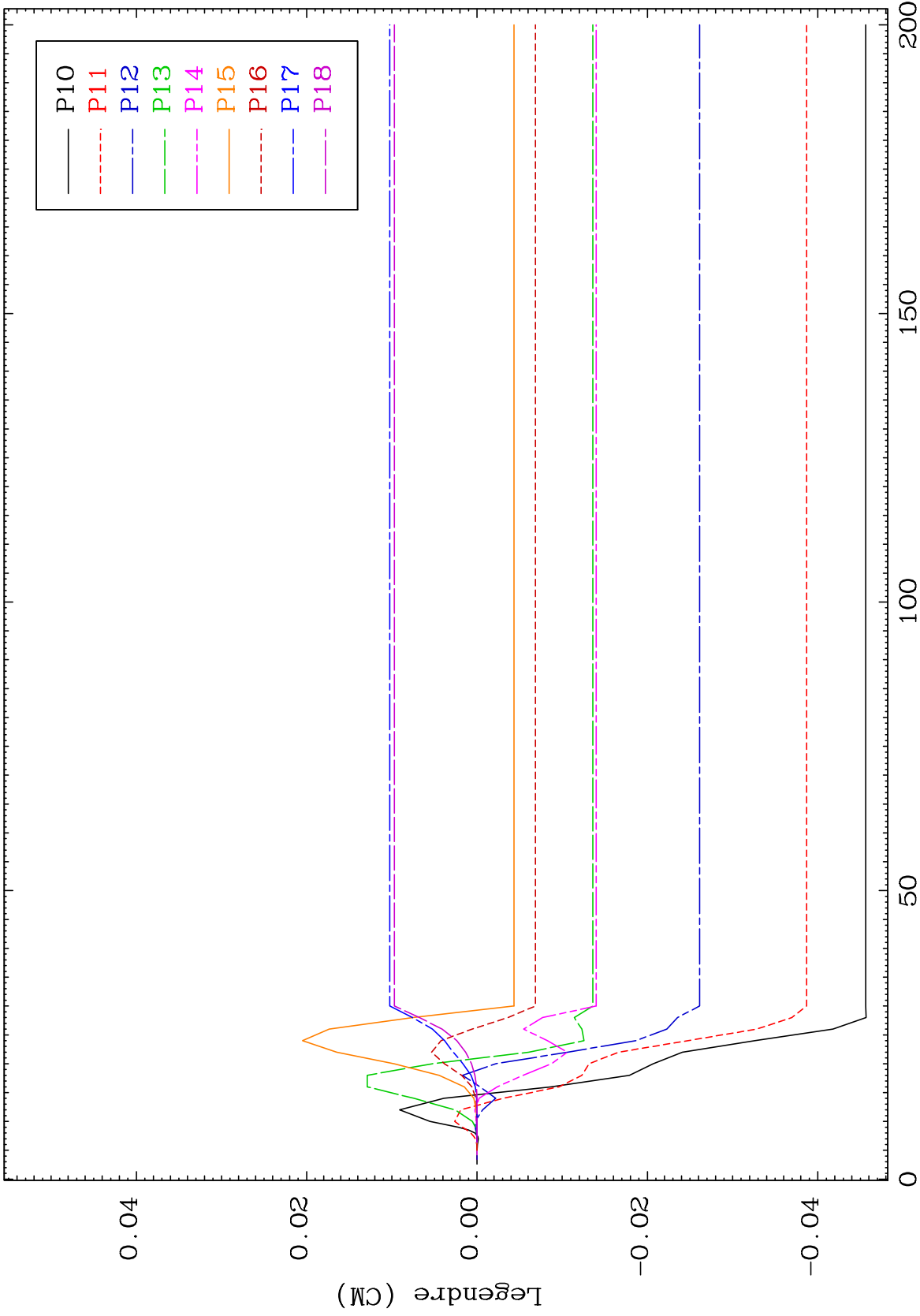
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



78

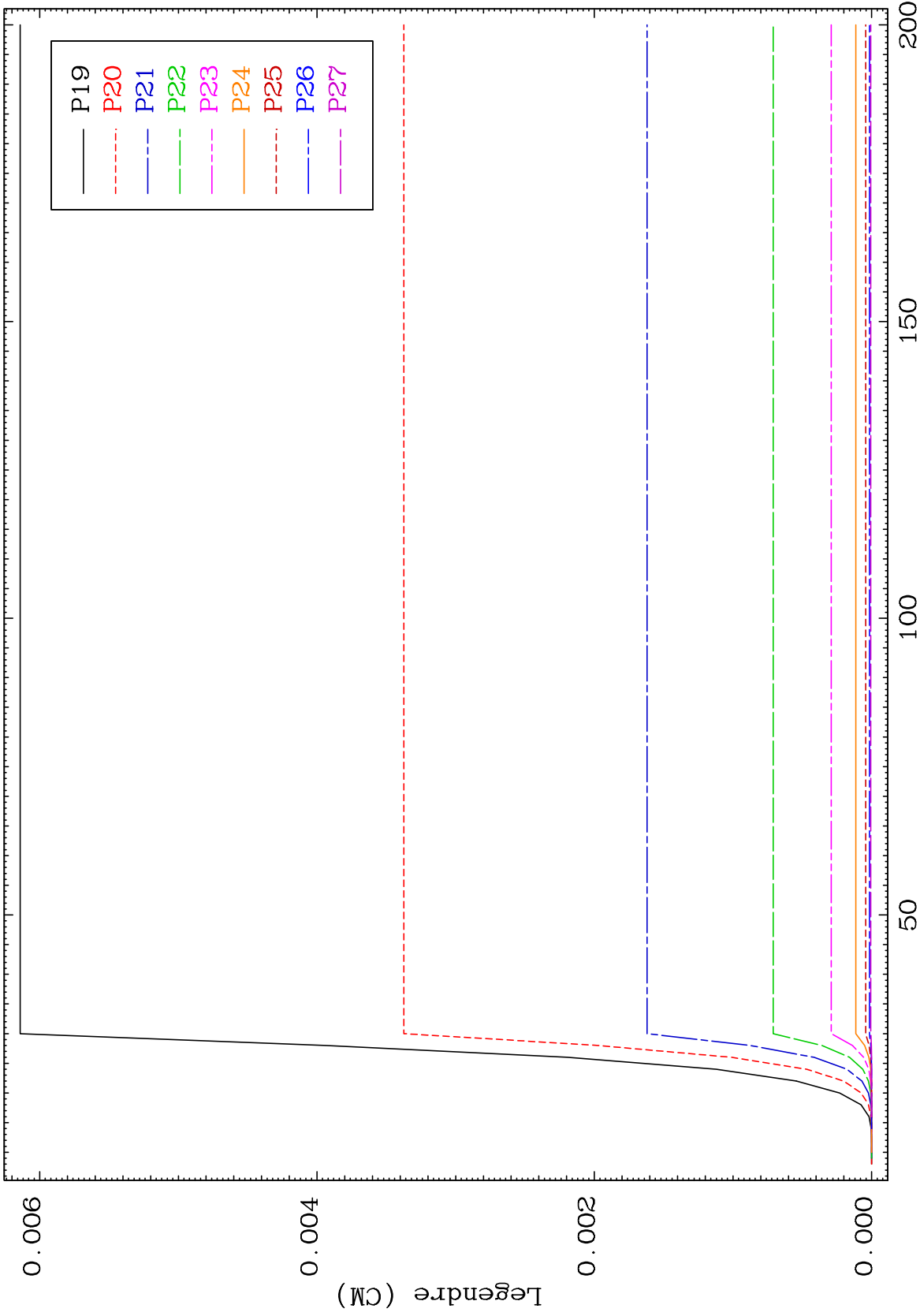
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

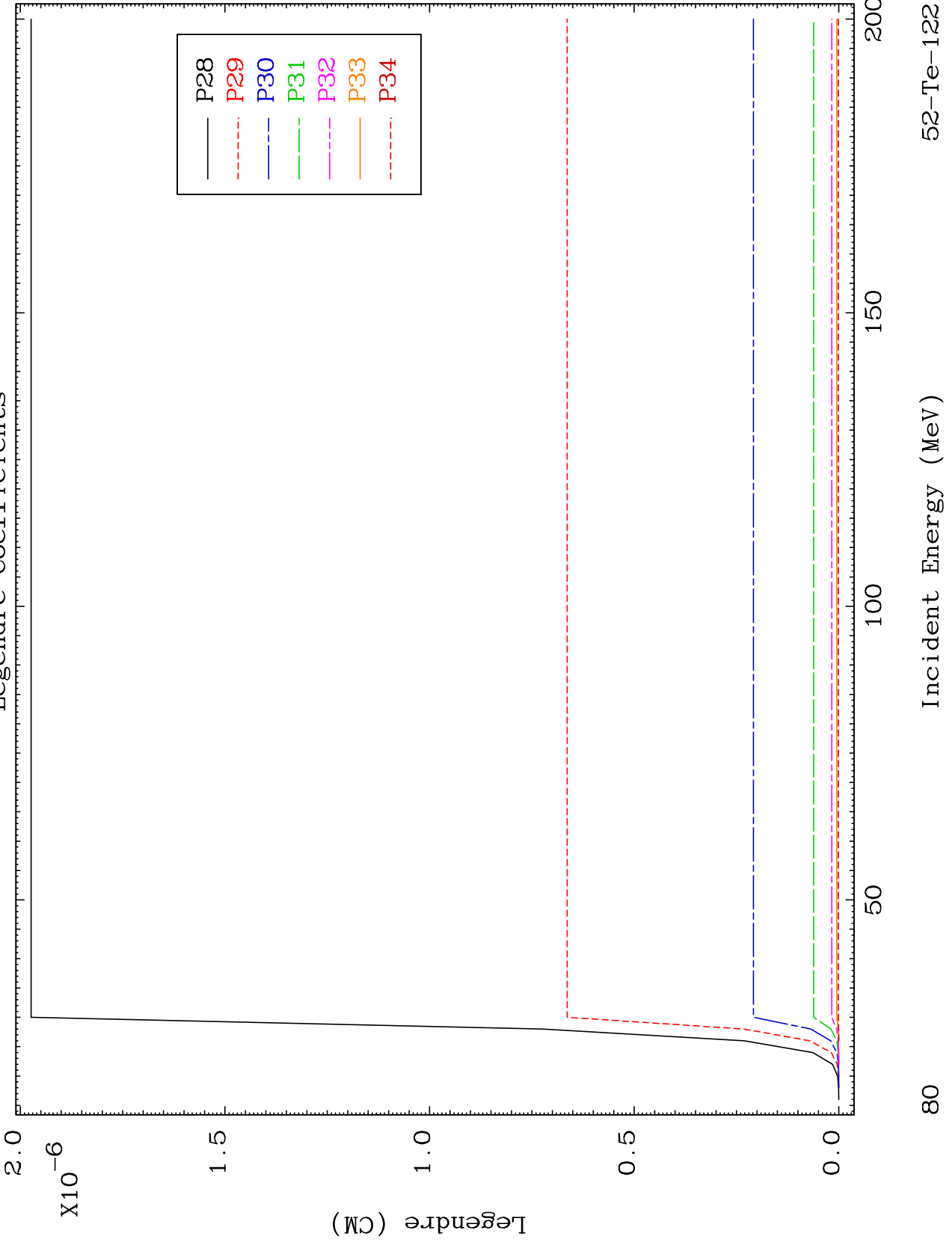


79

Incident Energy (MeV)

52-Te-122

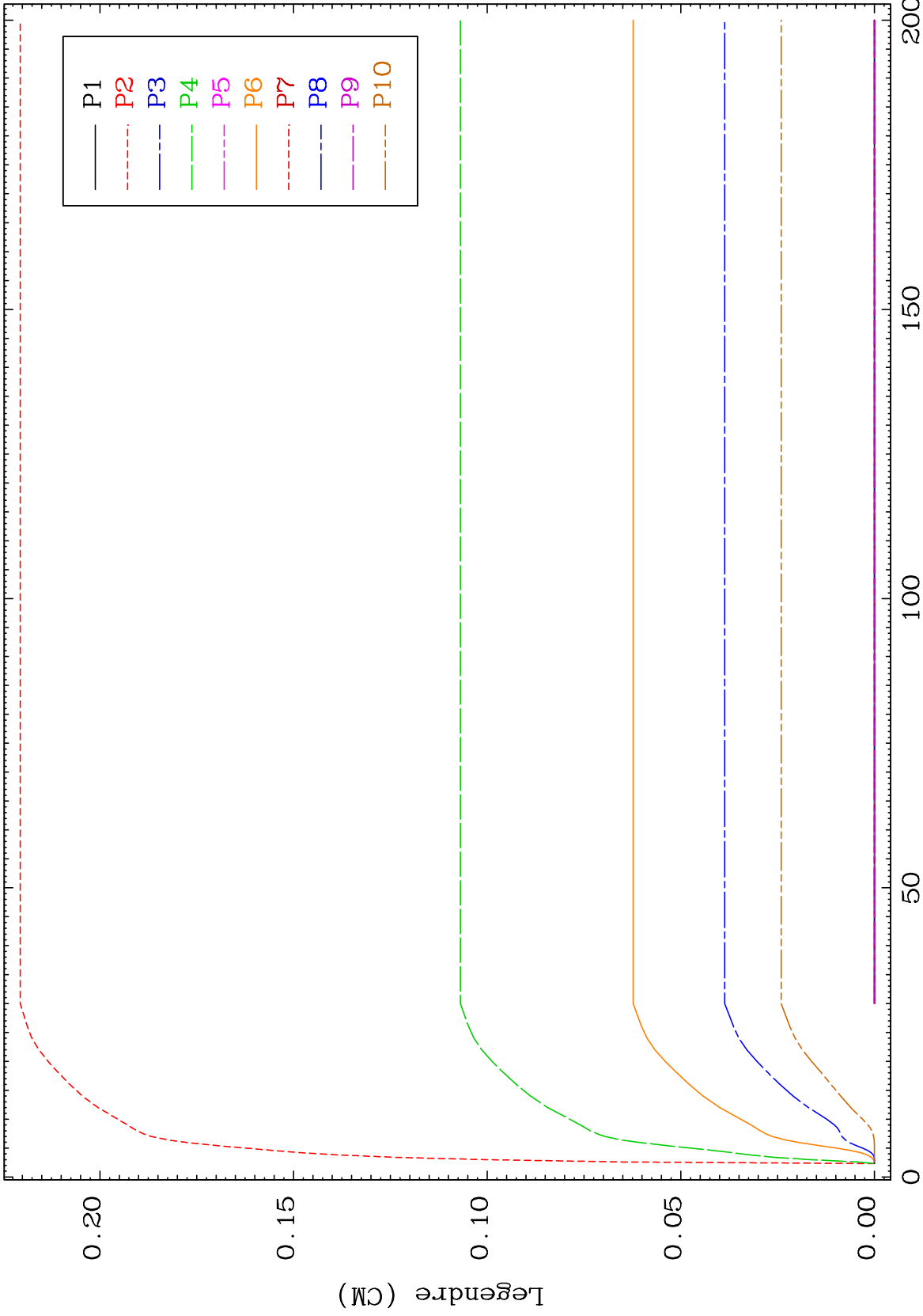
MAT 5231 MT= 66 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231

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

52-Te-122



81

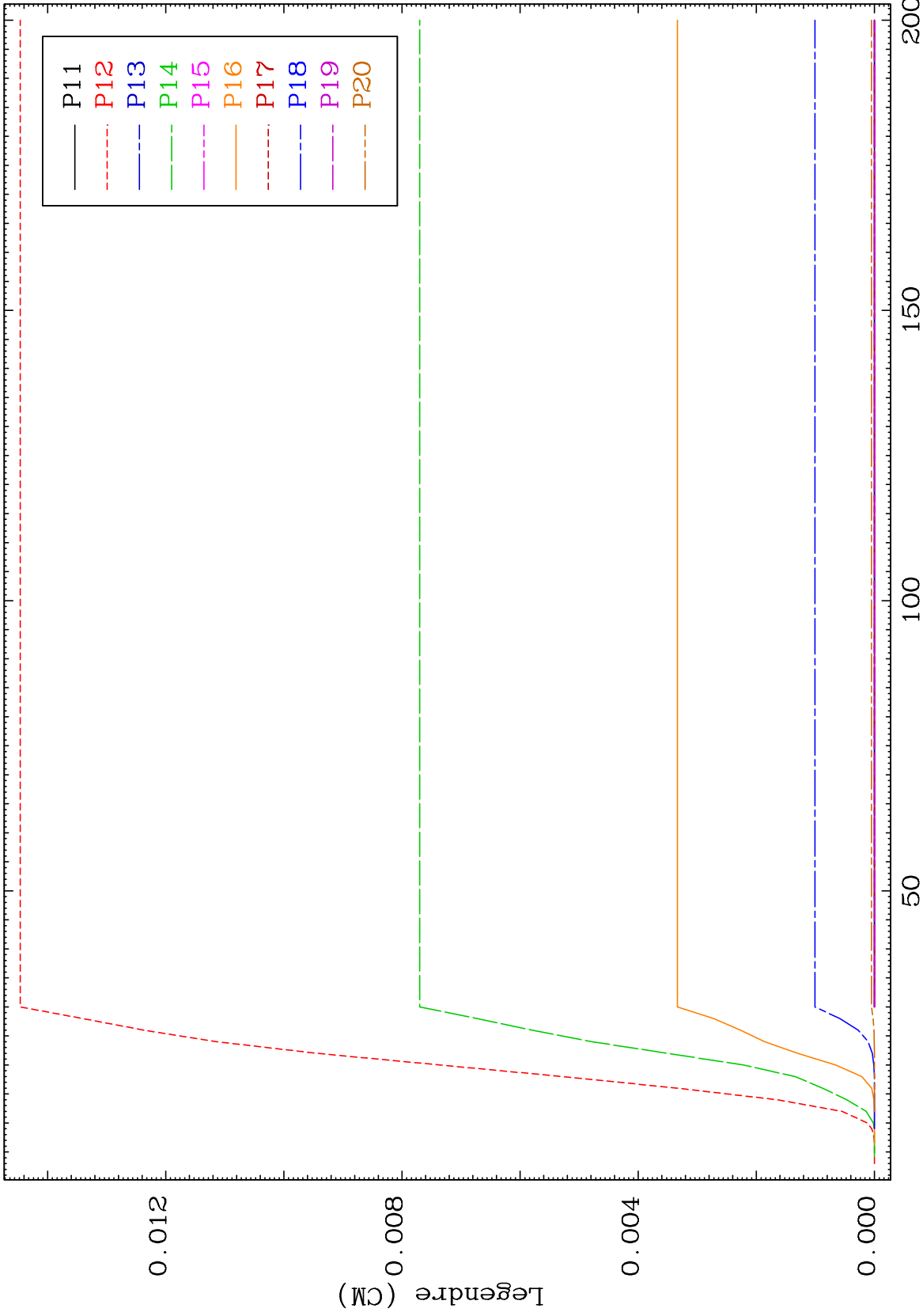
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



82

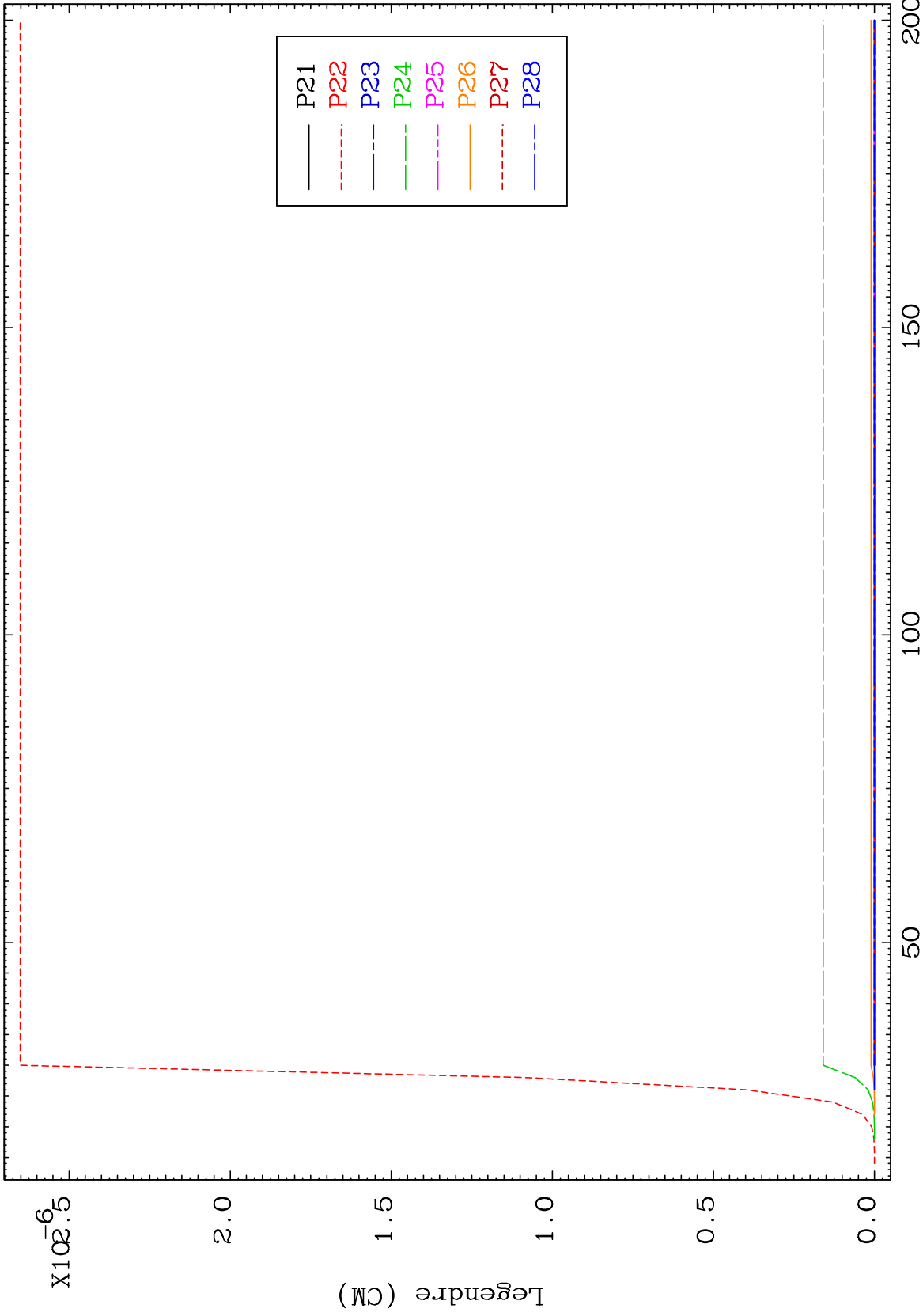
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

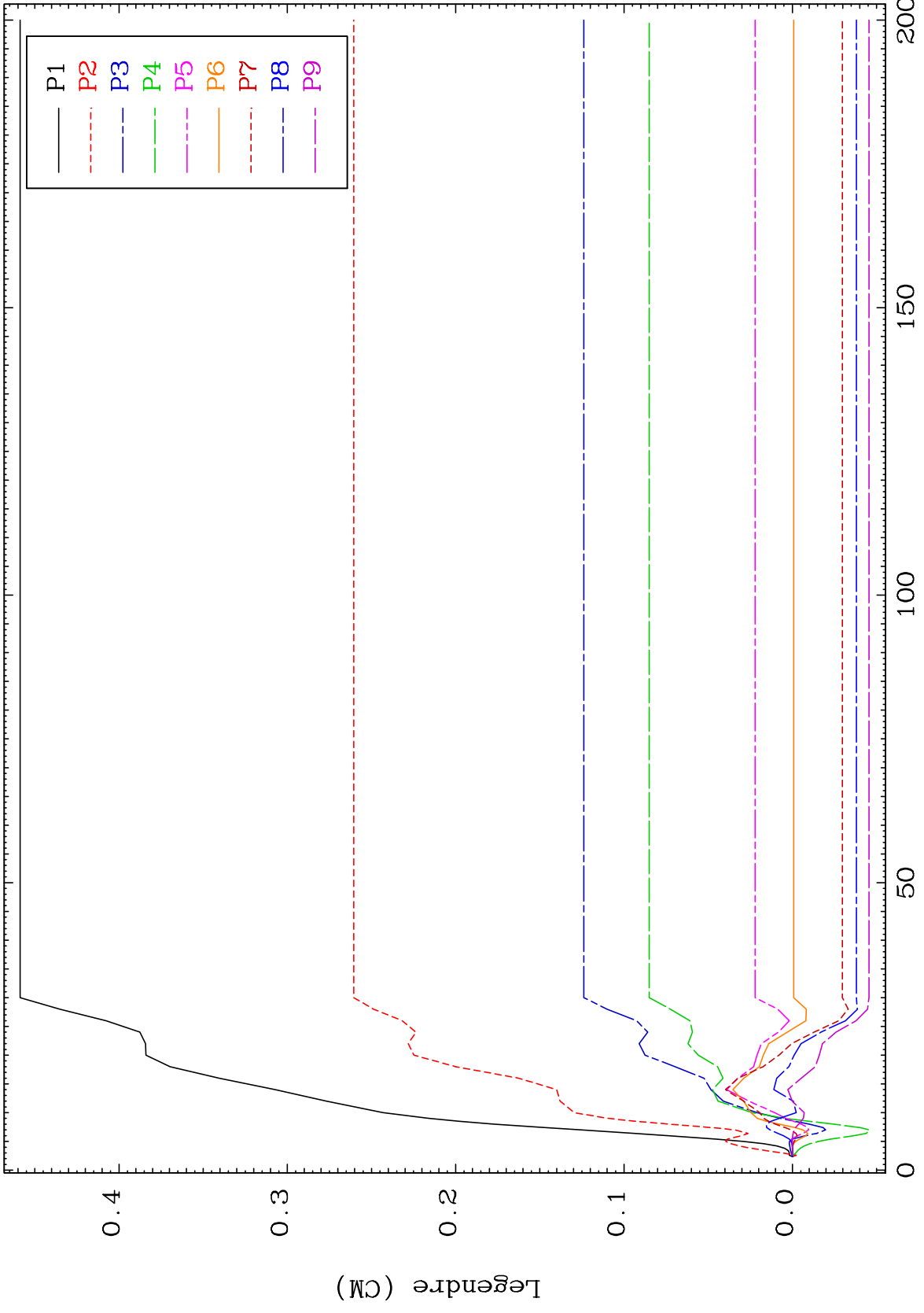


83

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 68 (n,n') Level Legendre Coefficients 52-Te-122

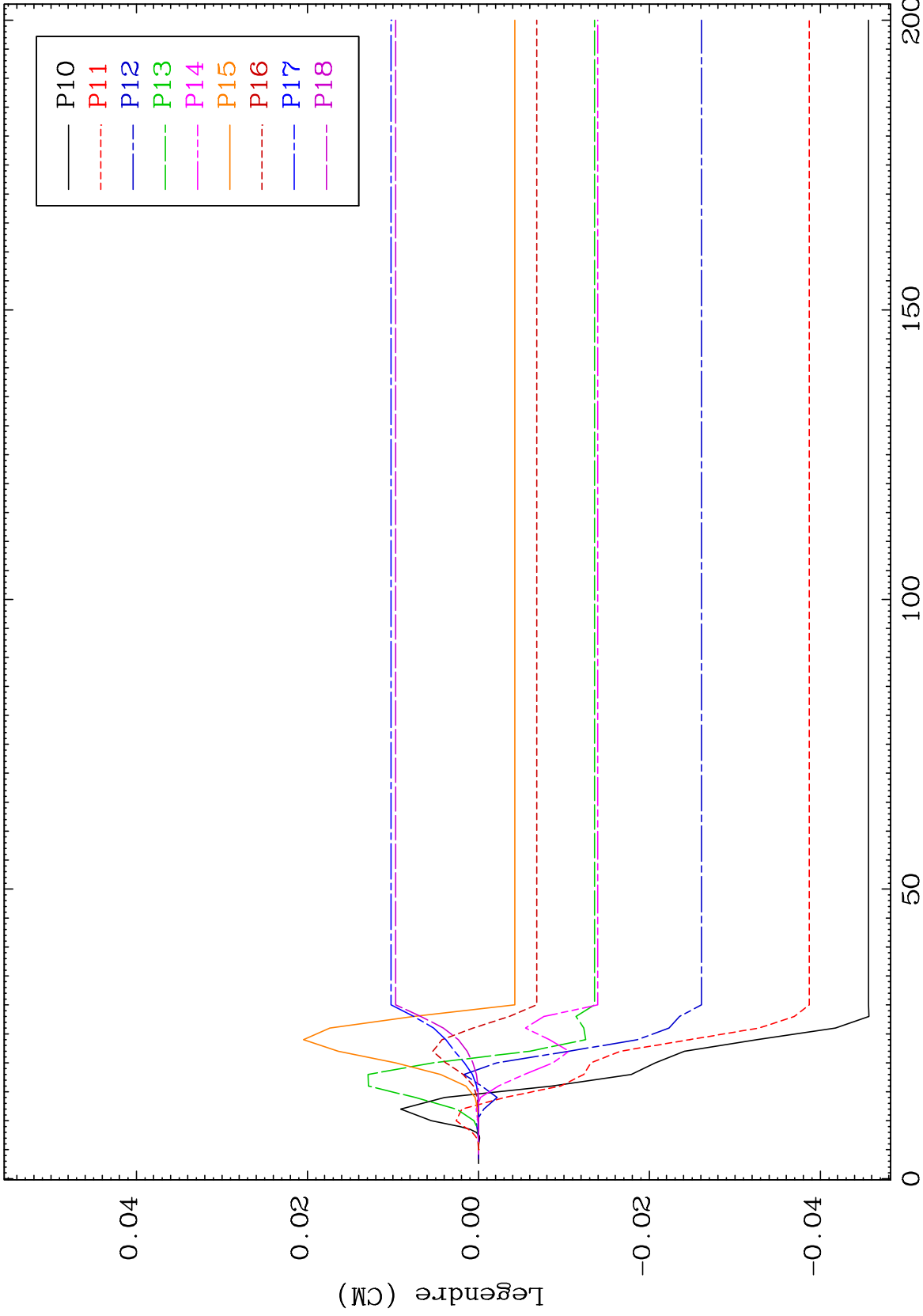


84 52-Te-122

MAT 5231

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

52-Te-122



85

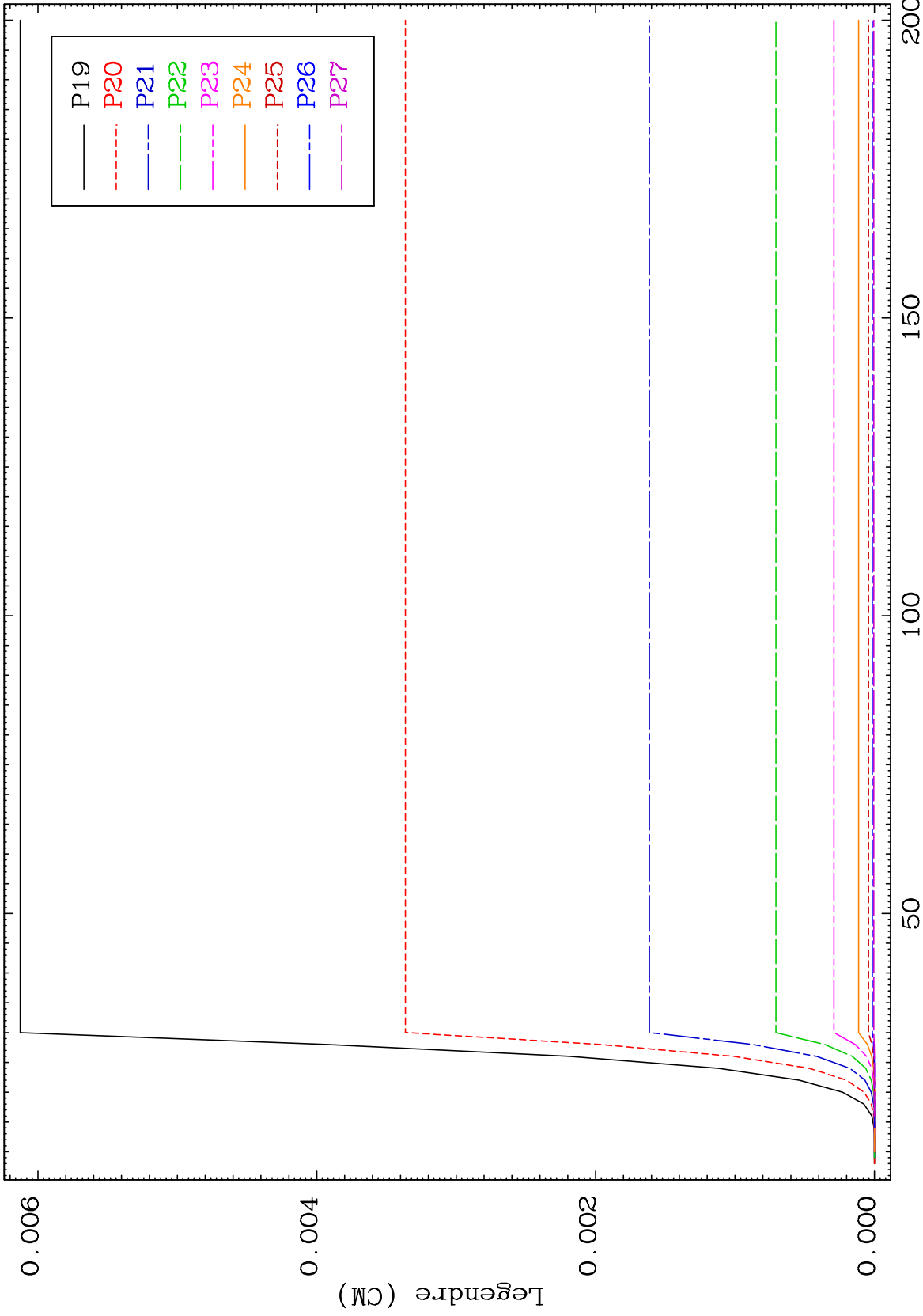
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



86

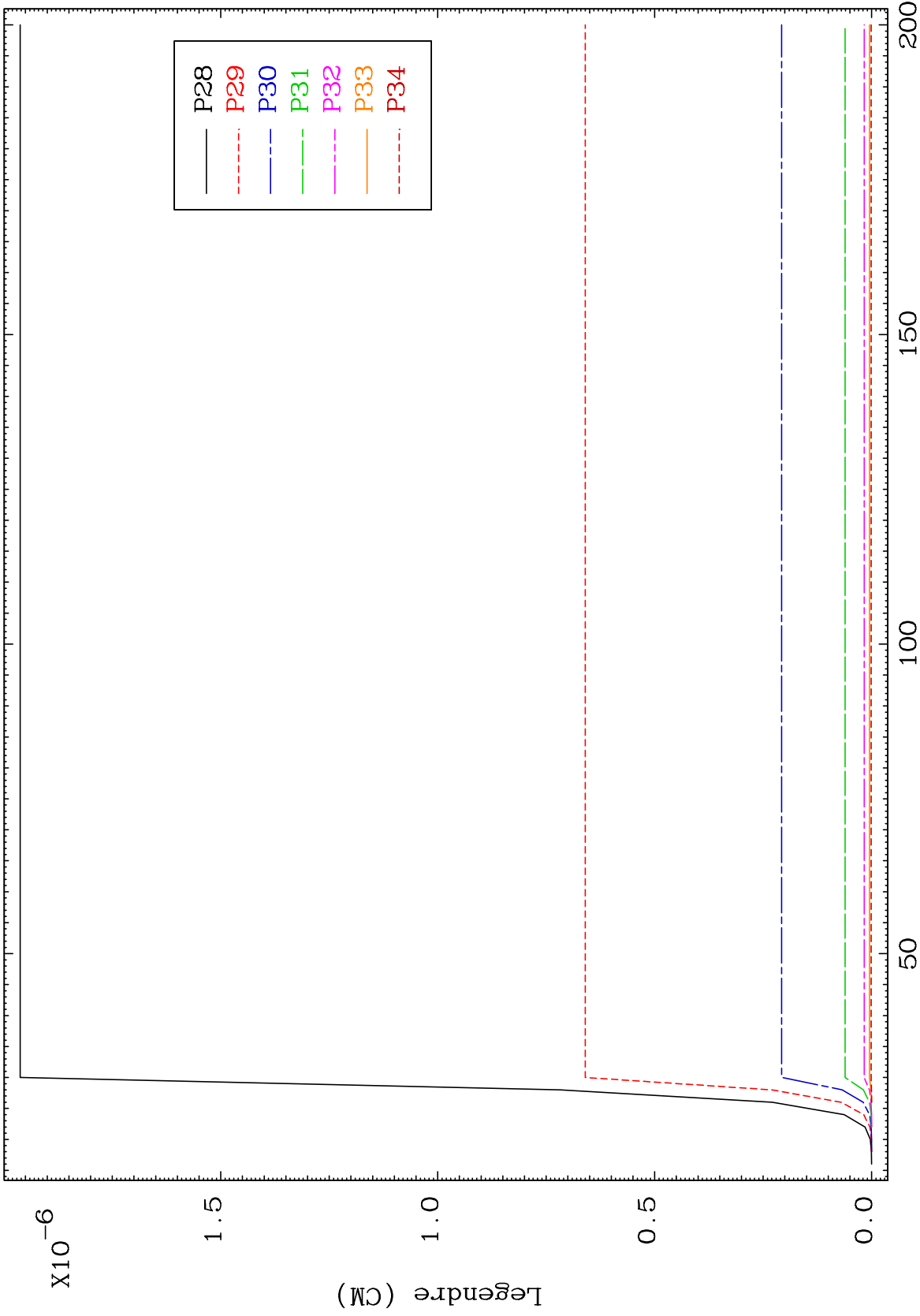
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



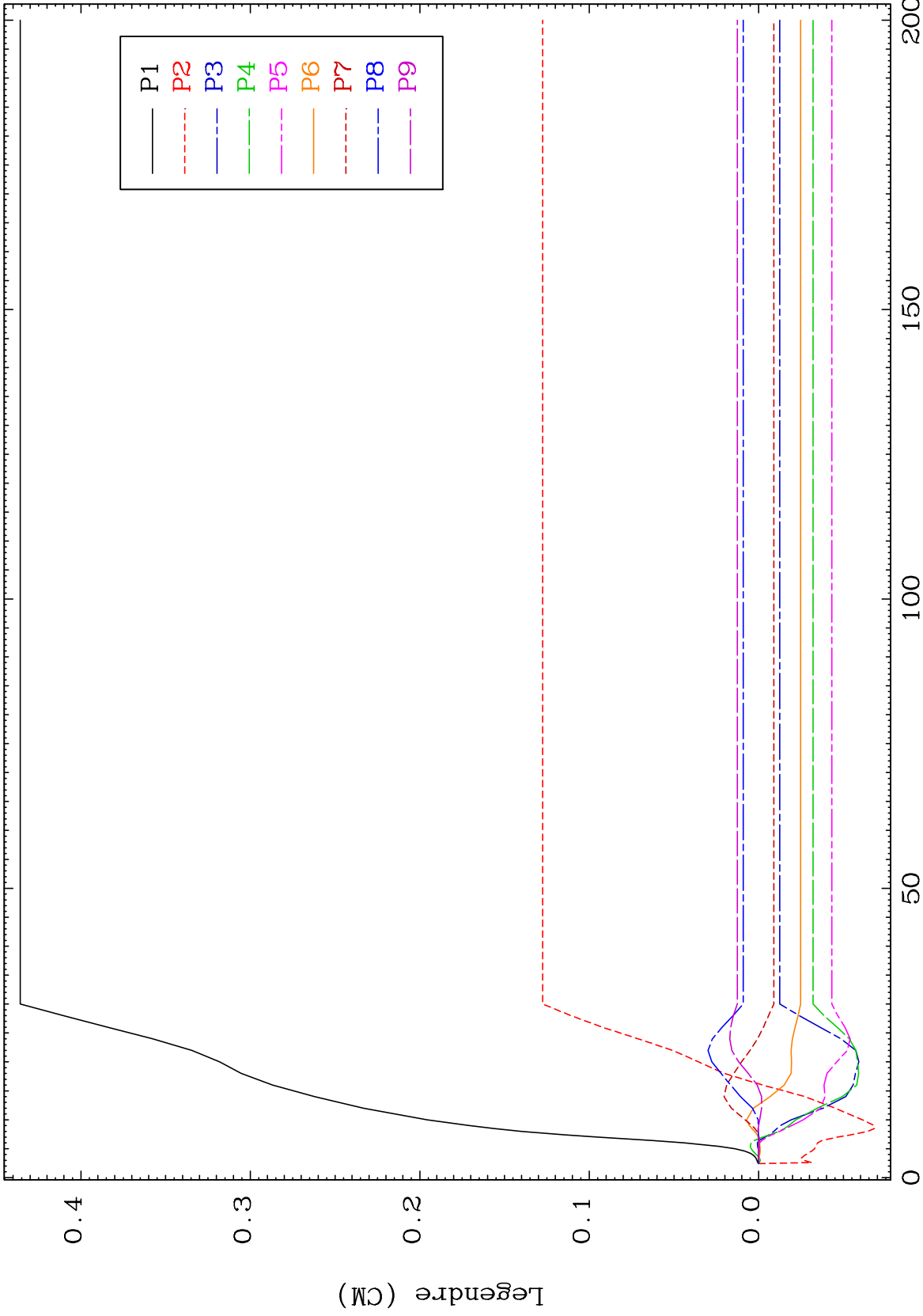
87

52-Te-122

MAT 5231

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

52-Te-122



88

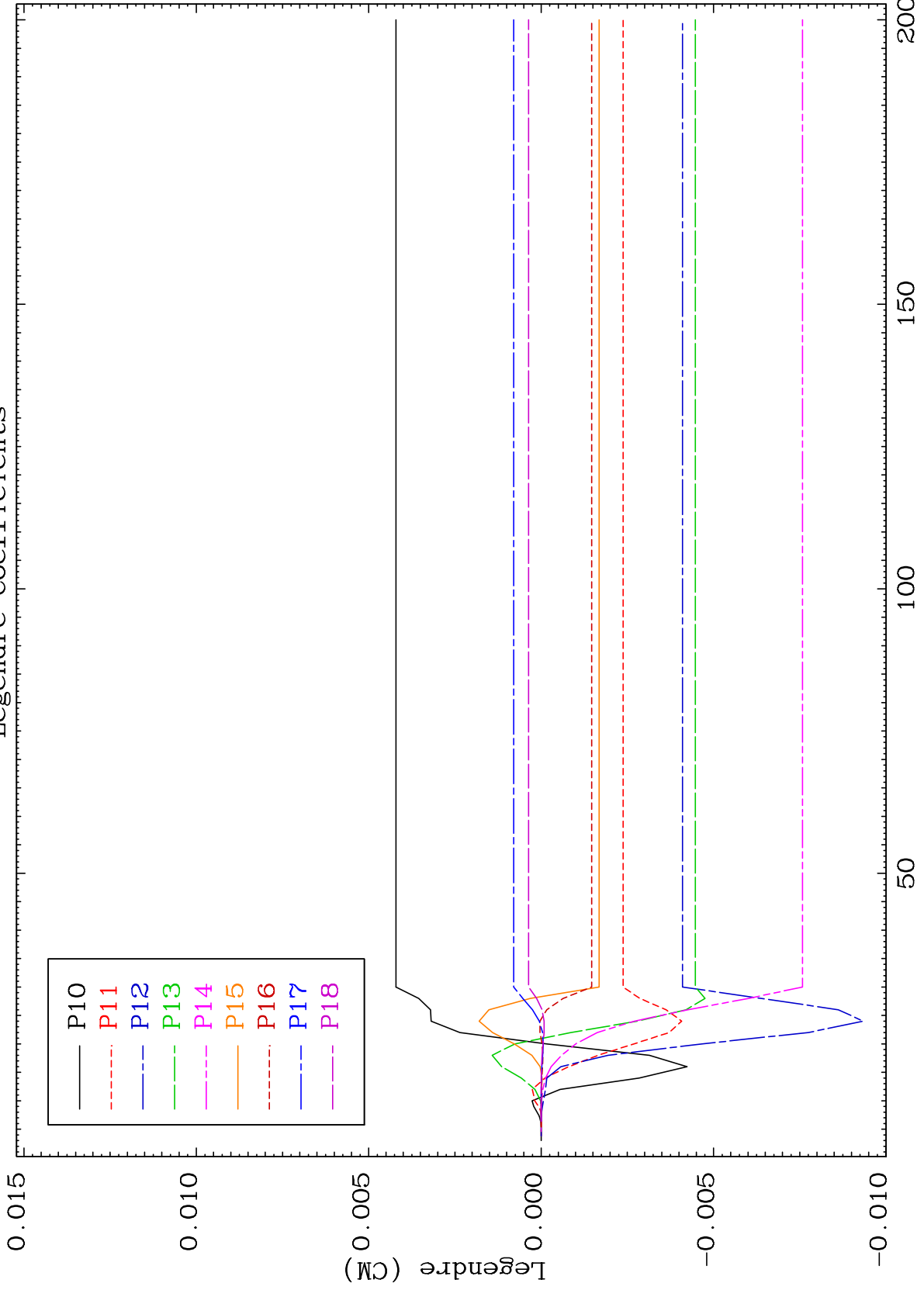
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



89

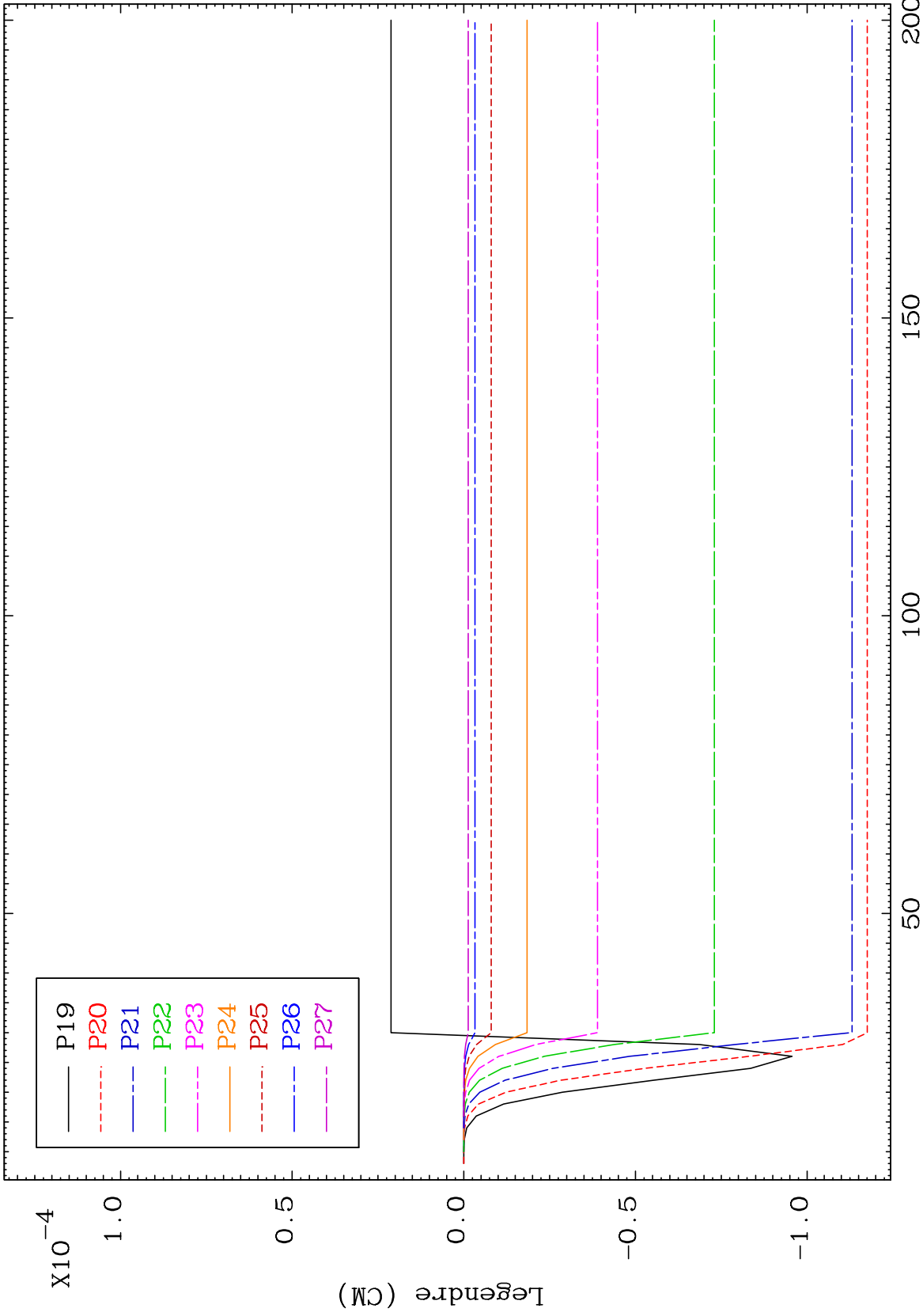
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

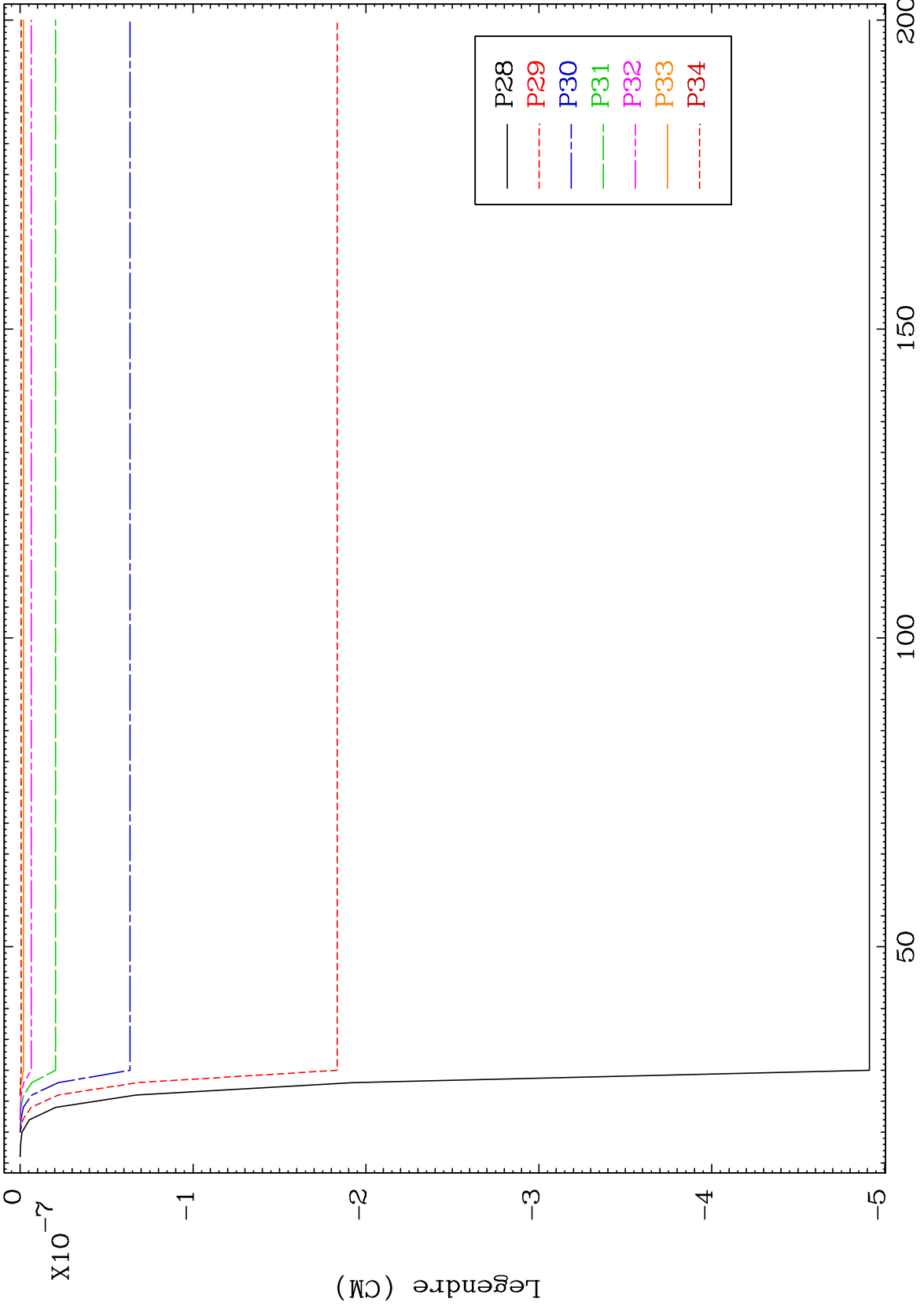


90

Incident Energy (MeV)

52-Te-122

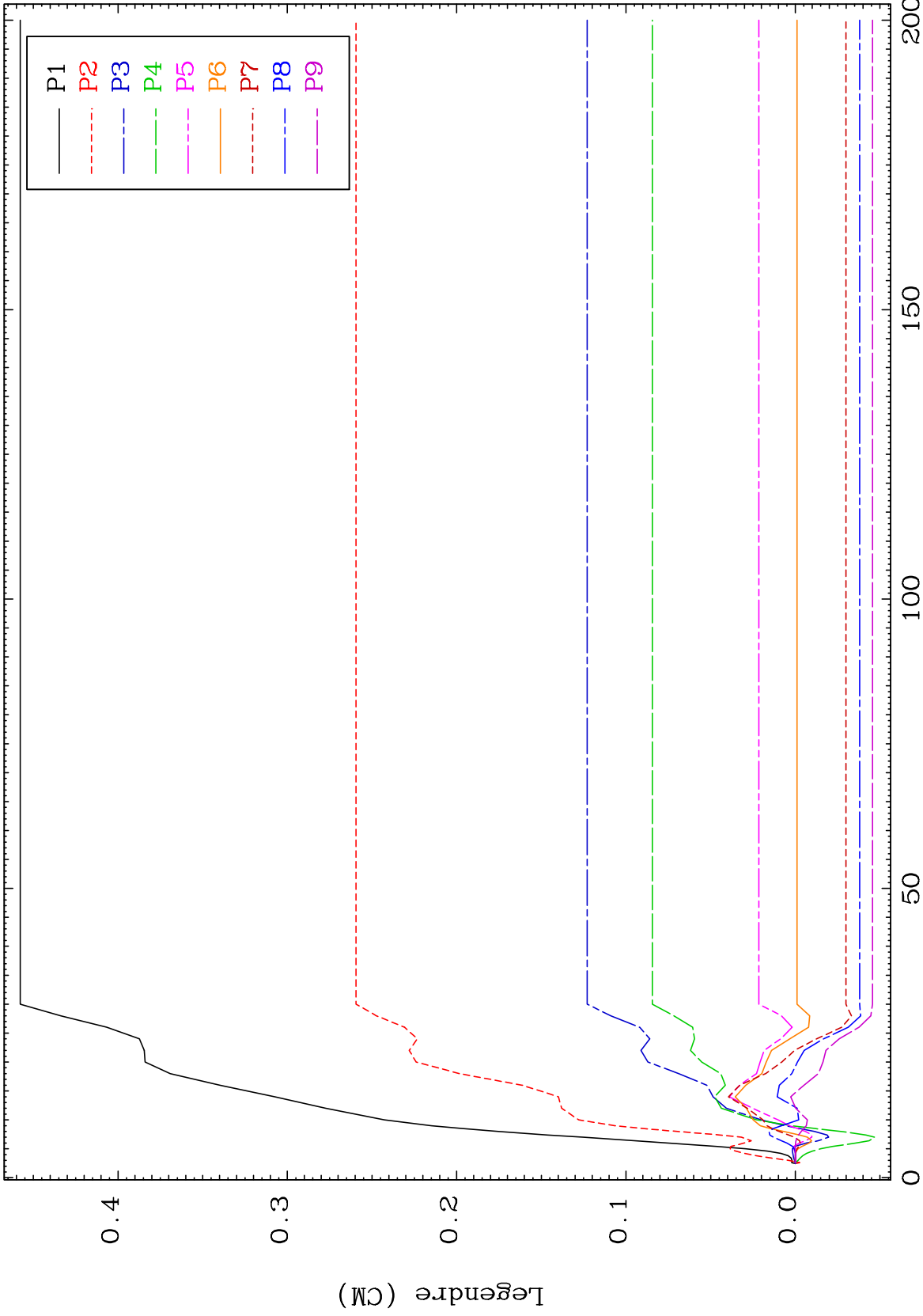
MAT 5231 MT= 69 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231

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

52-Te-122



92

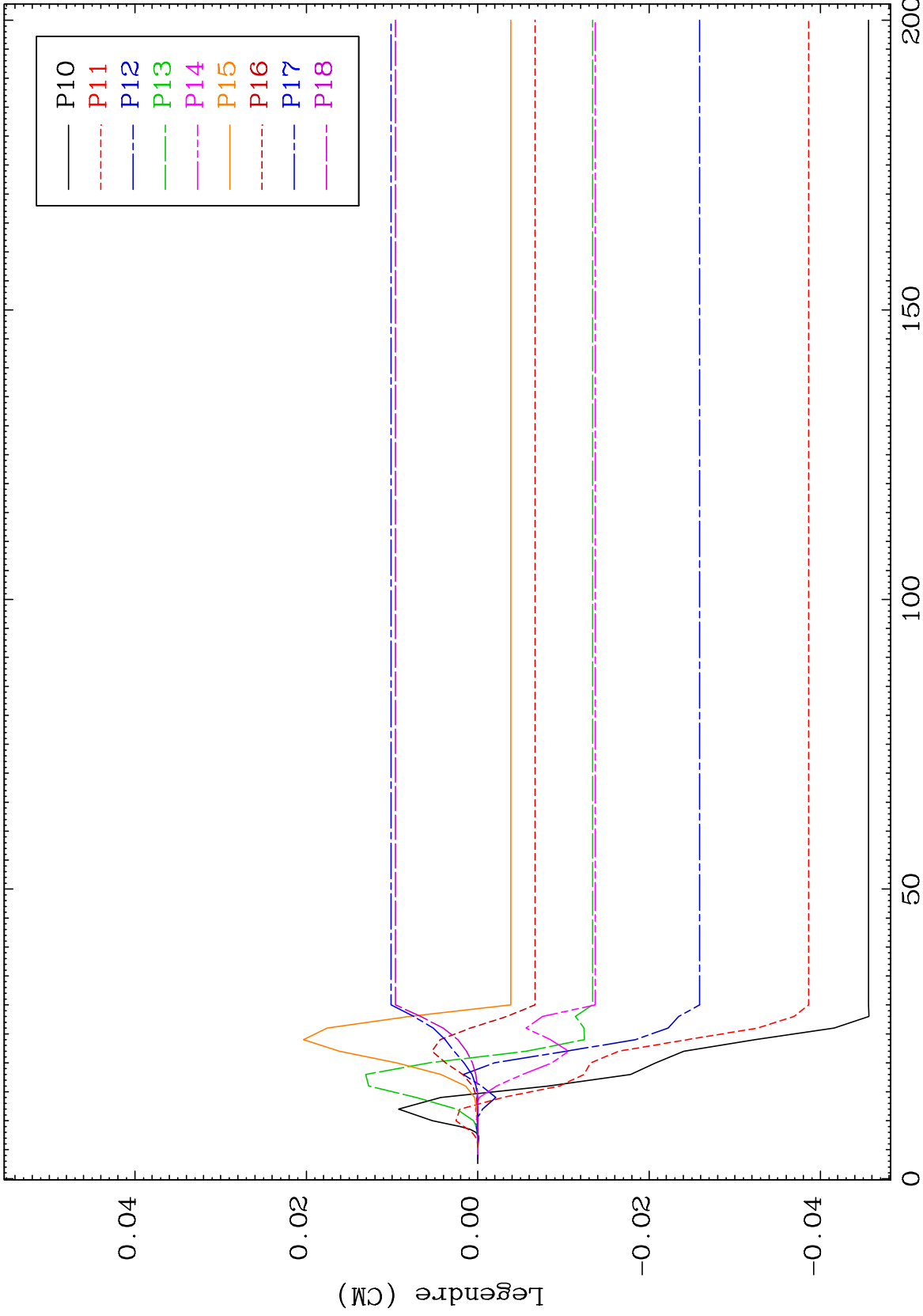
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



93

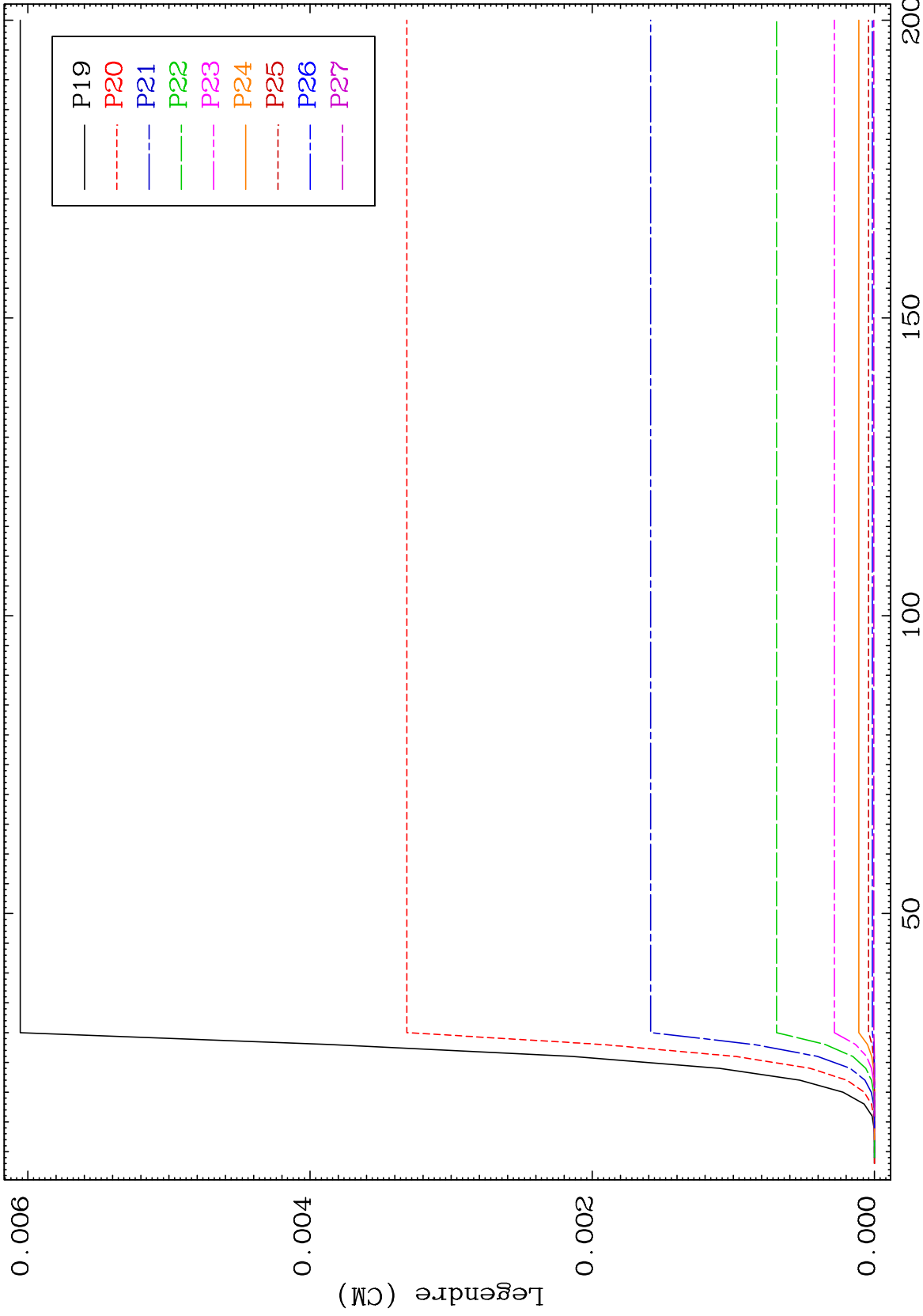
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



94

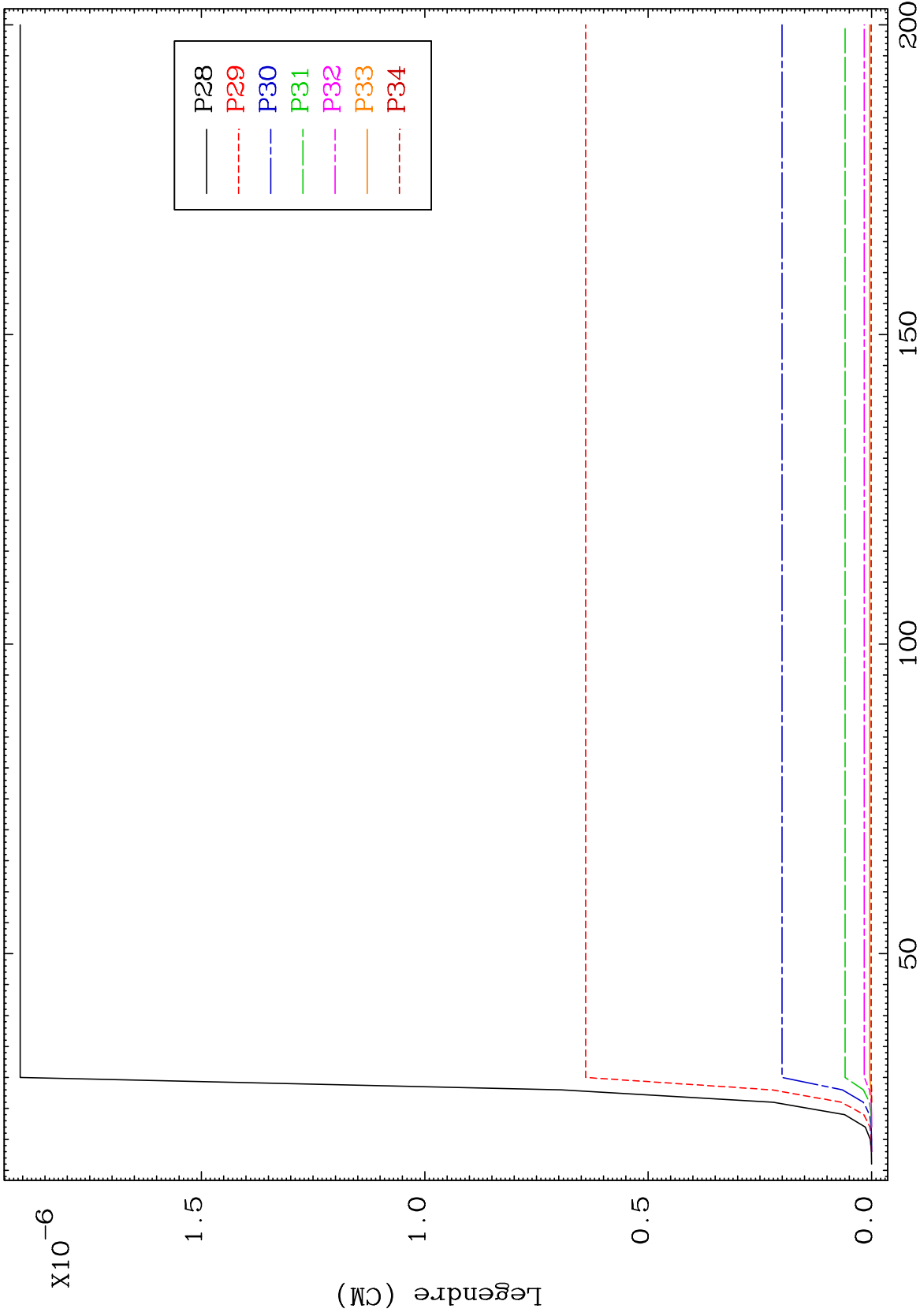
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



95

Incident Energy (MeV)

50

100

150

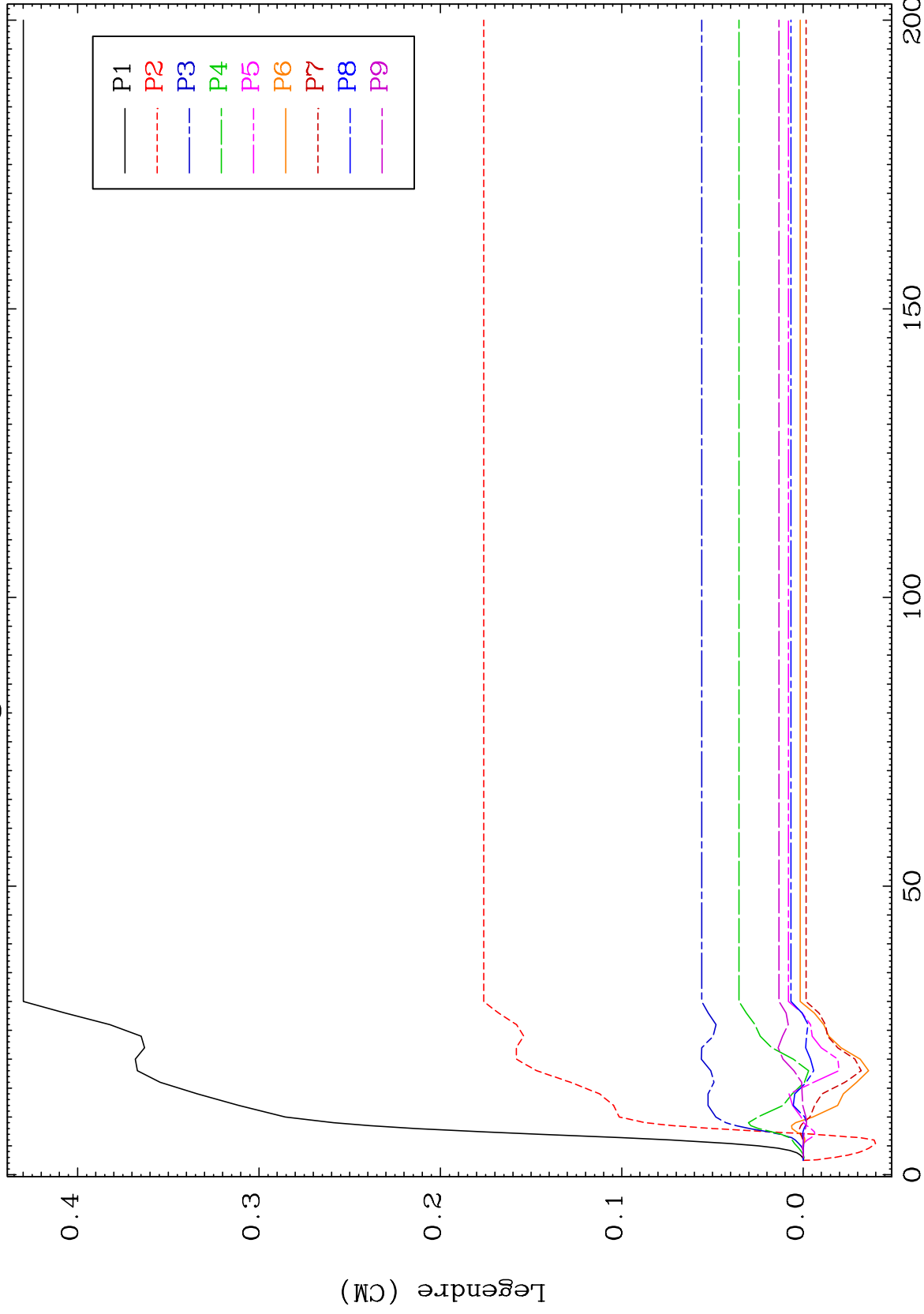
200

52-Te-122

MAT 5231

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

52-Te-122



96

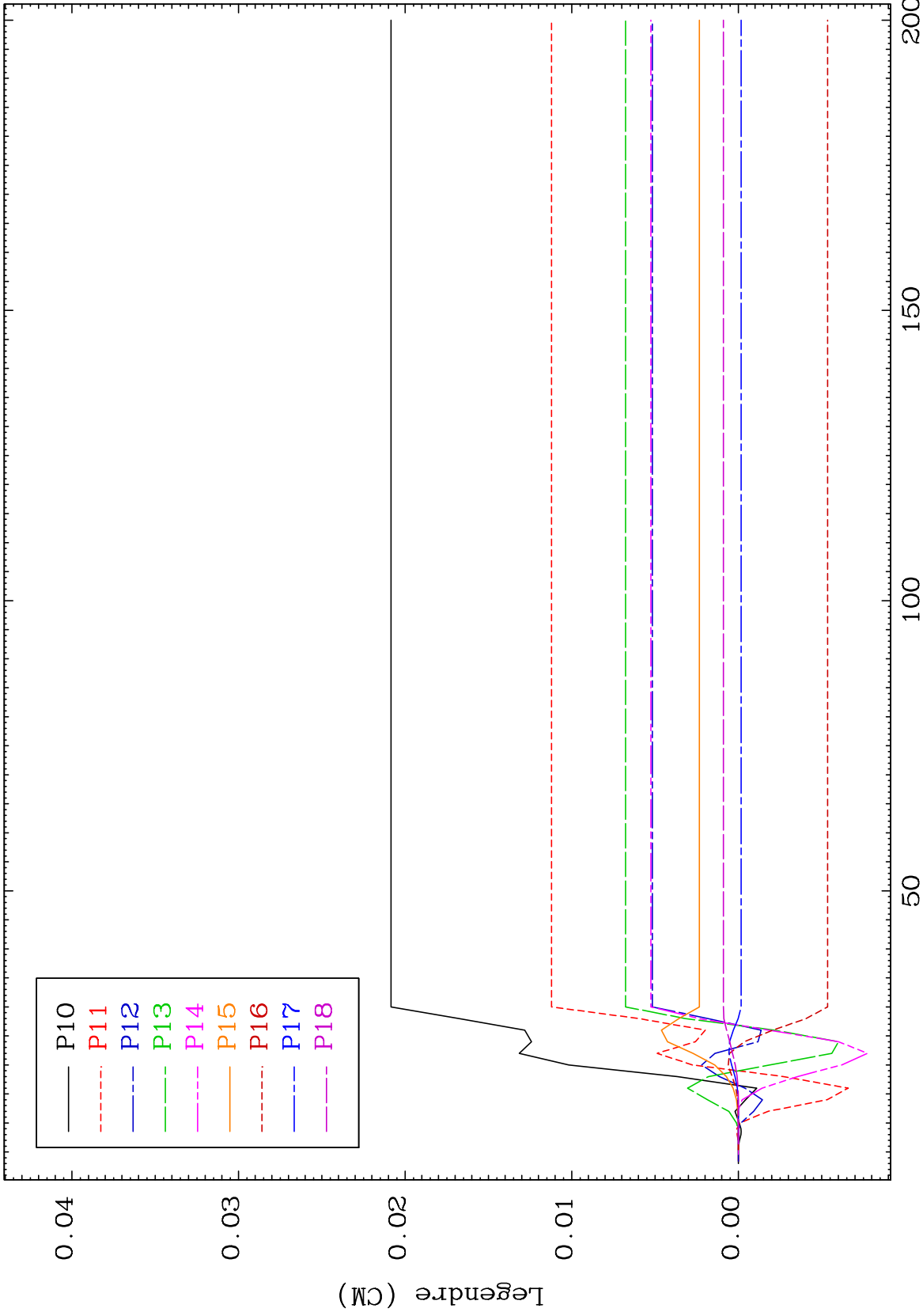
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



97

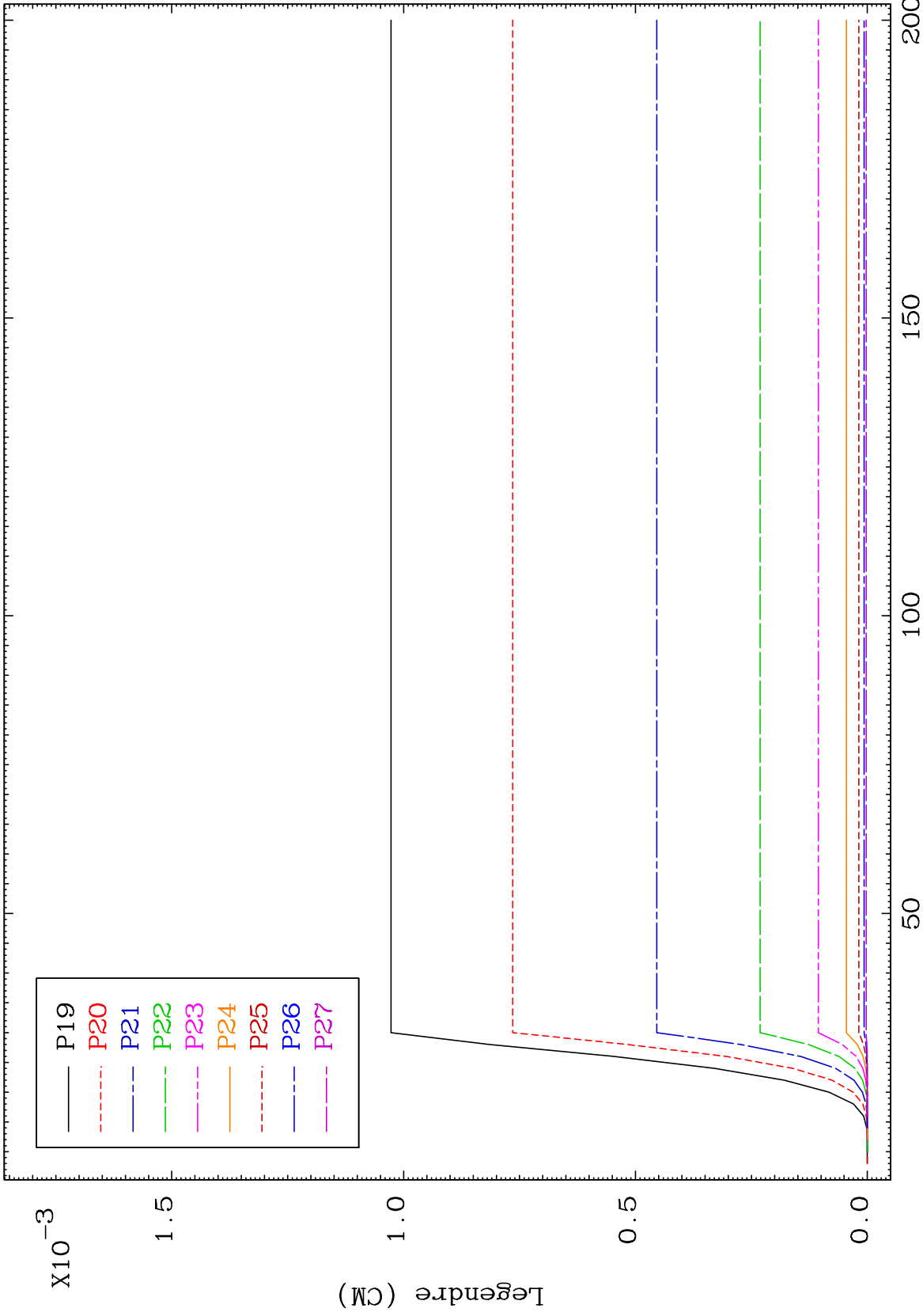
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



98

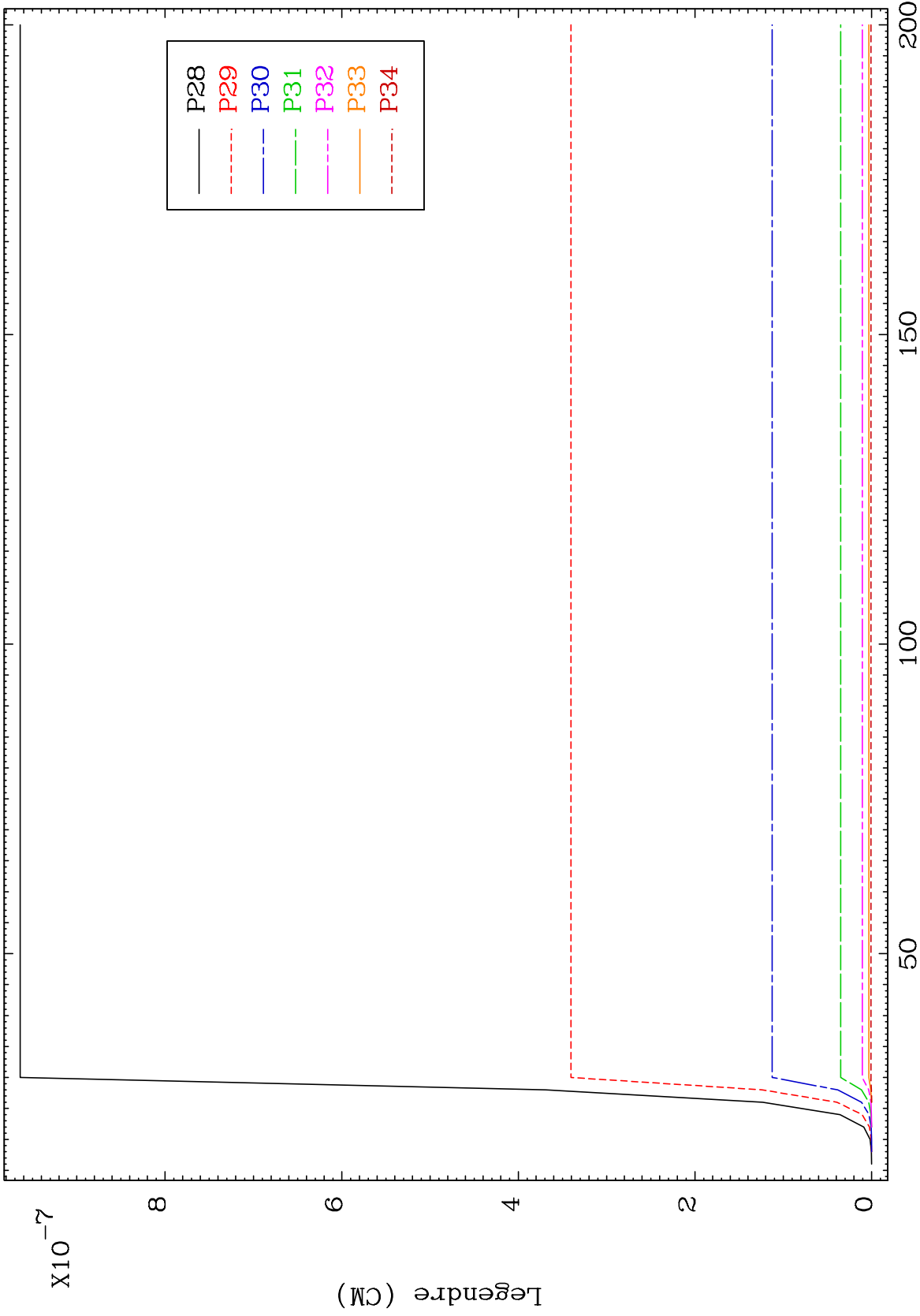
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



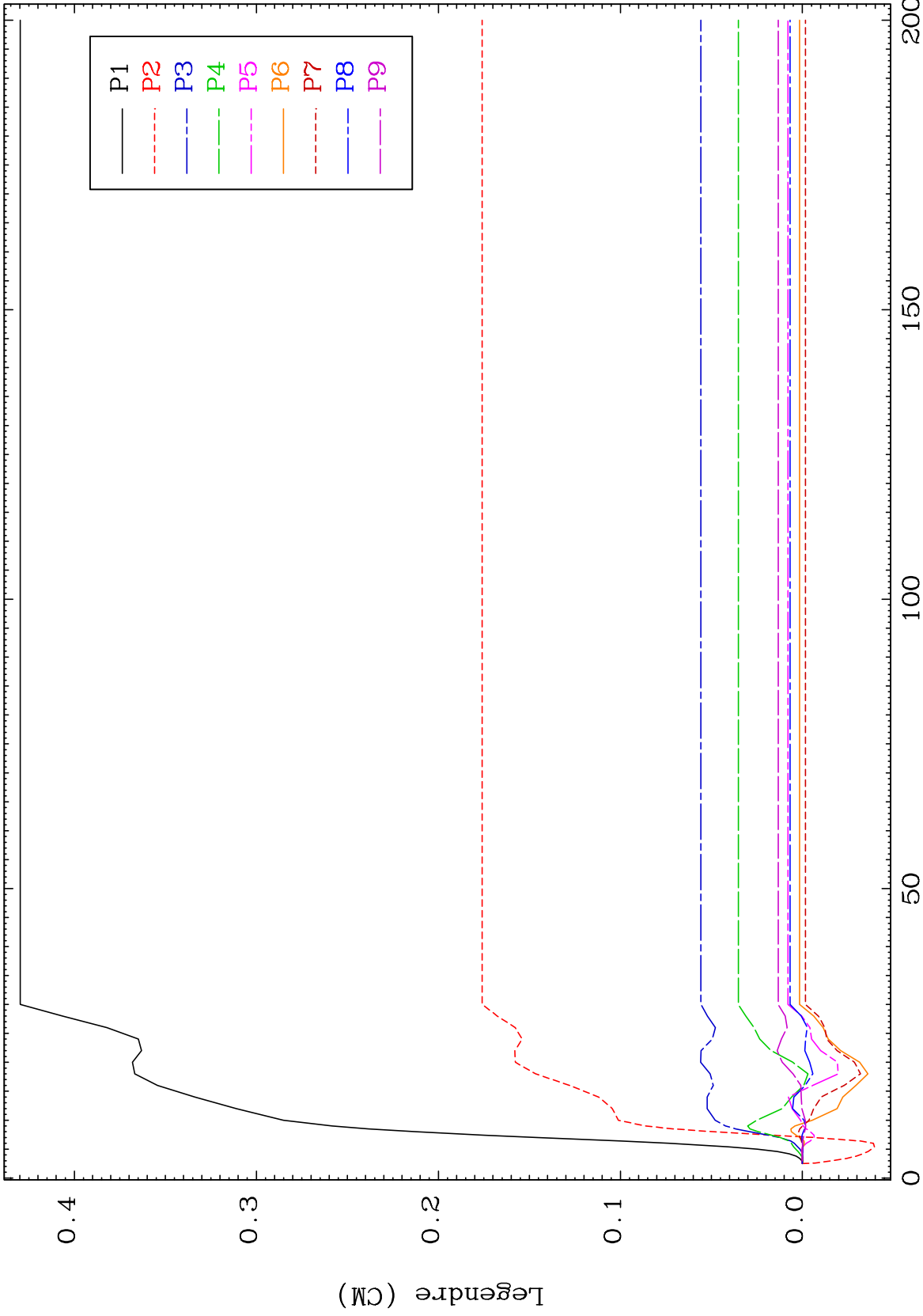
99

52-Te-122

MAT 5231

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

52-Te-122



52-Te-122

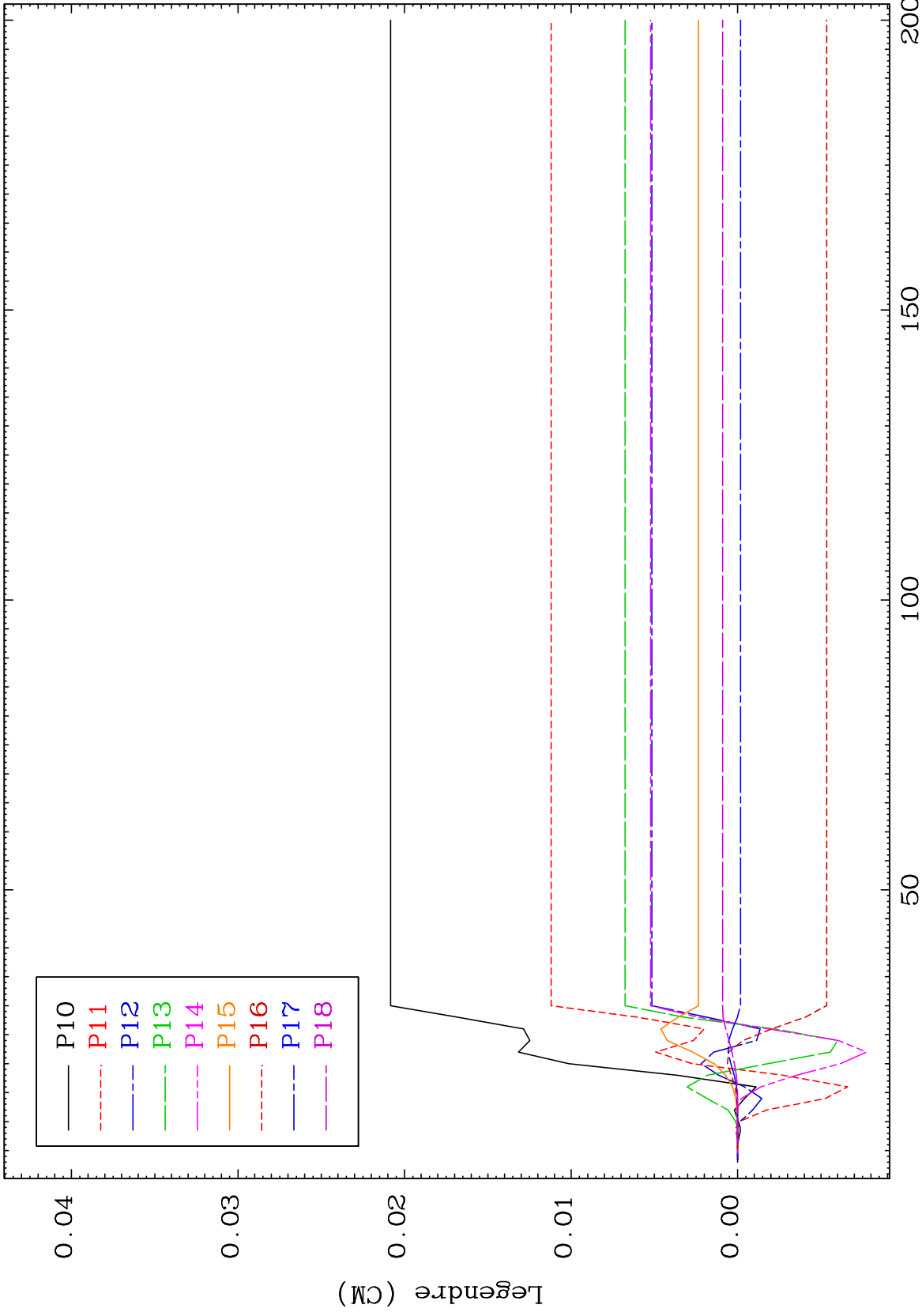
Incident Energy (MeV)

100

MAT 5231

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

52-Te-122



101

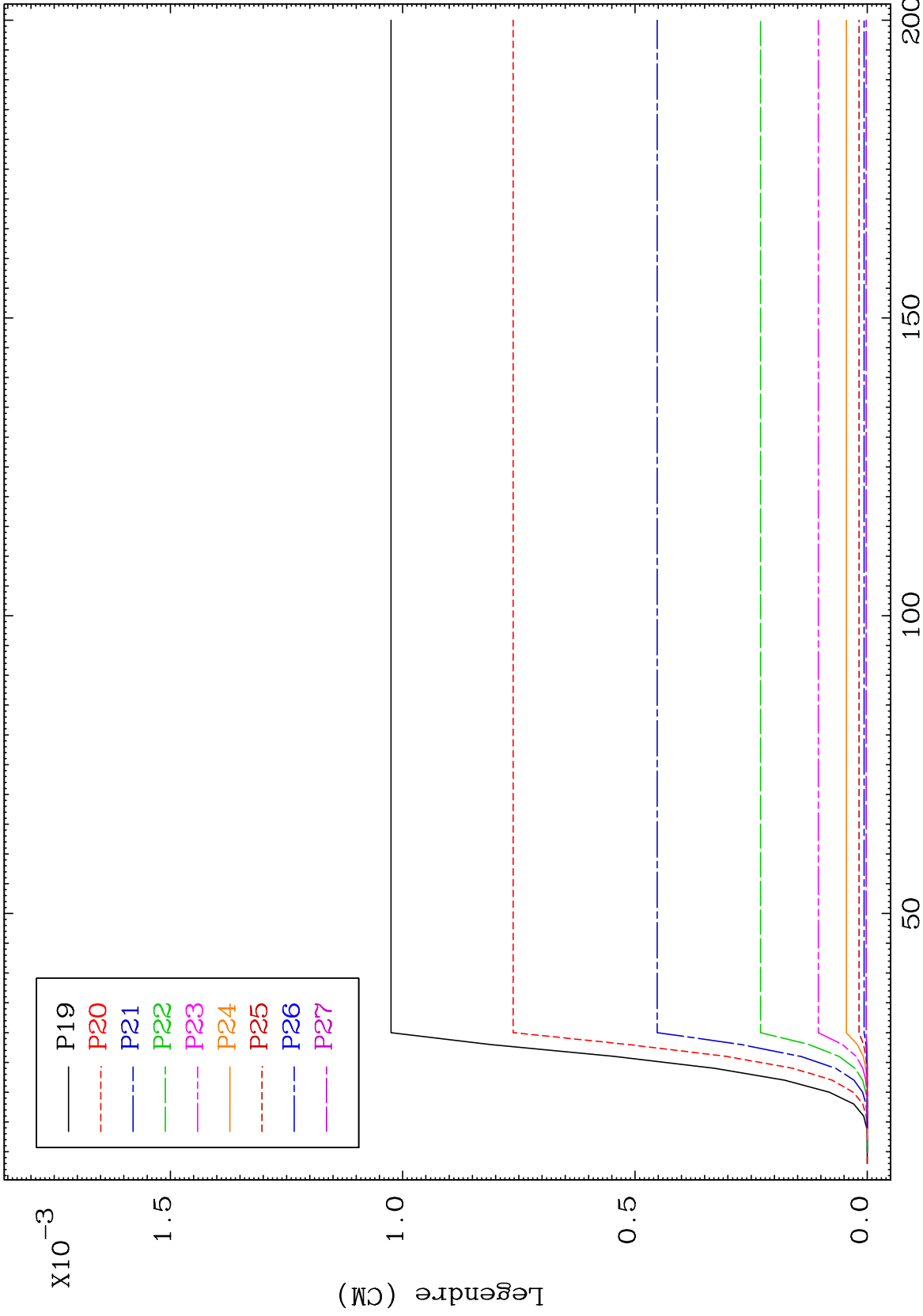
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



102

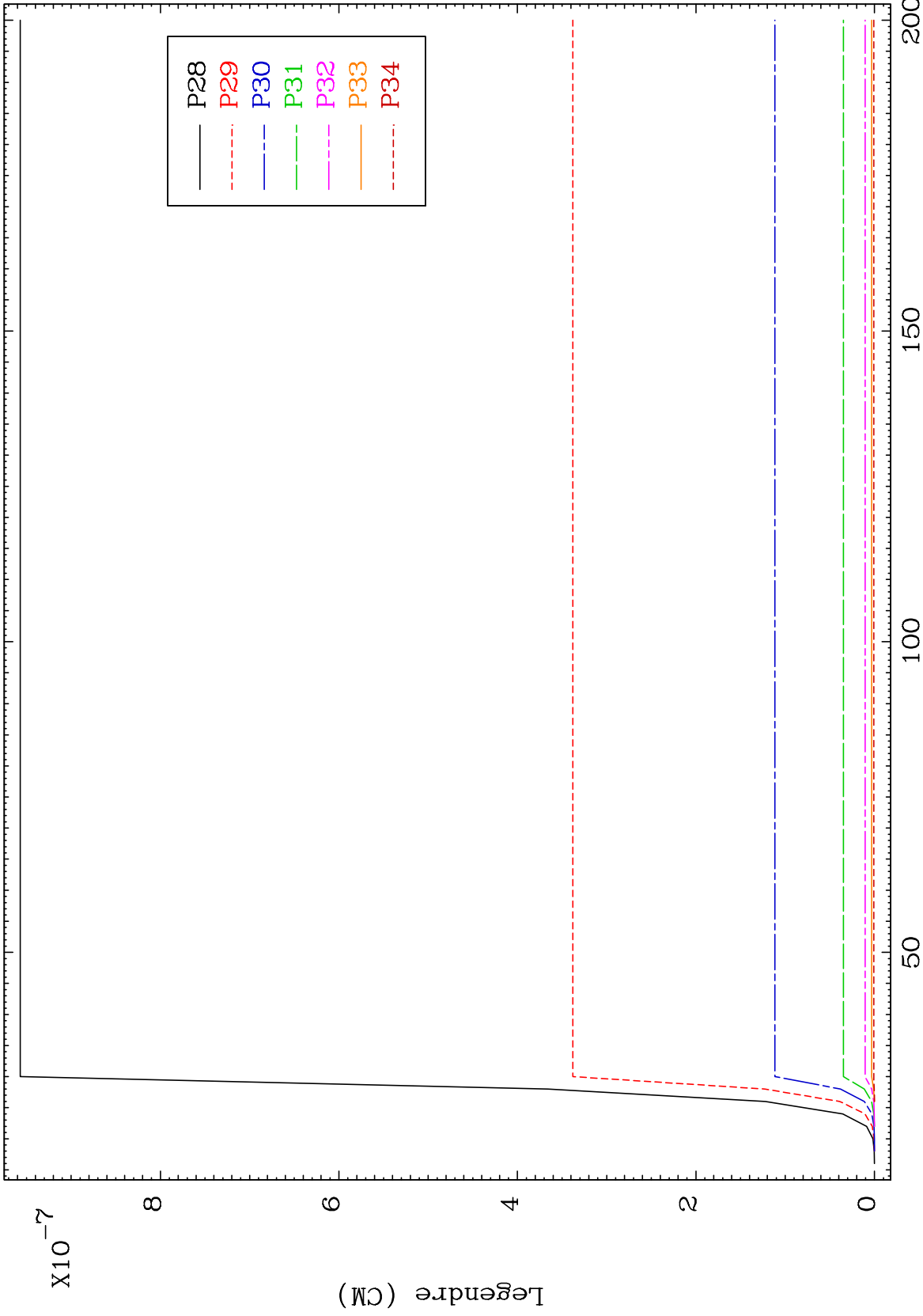
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

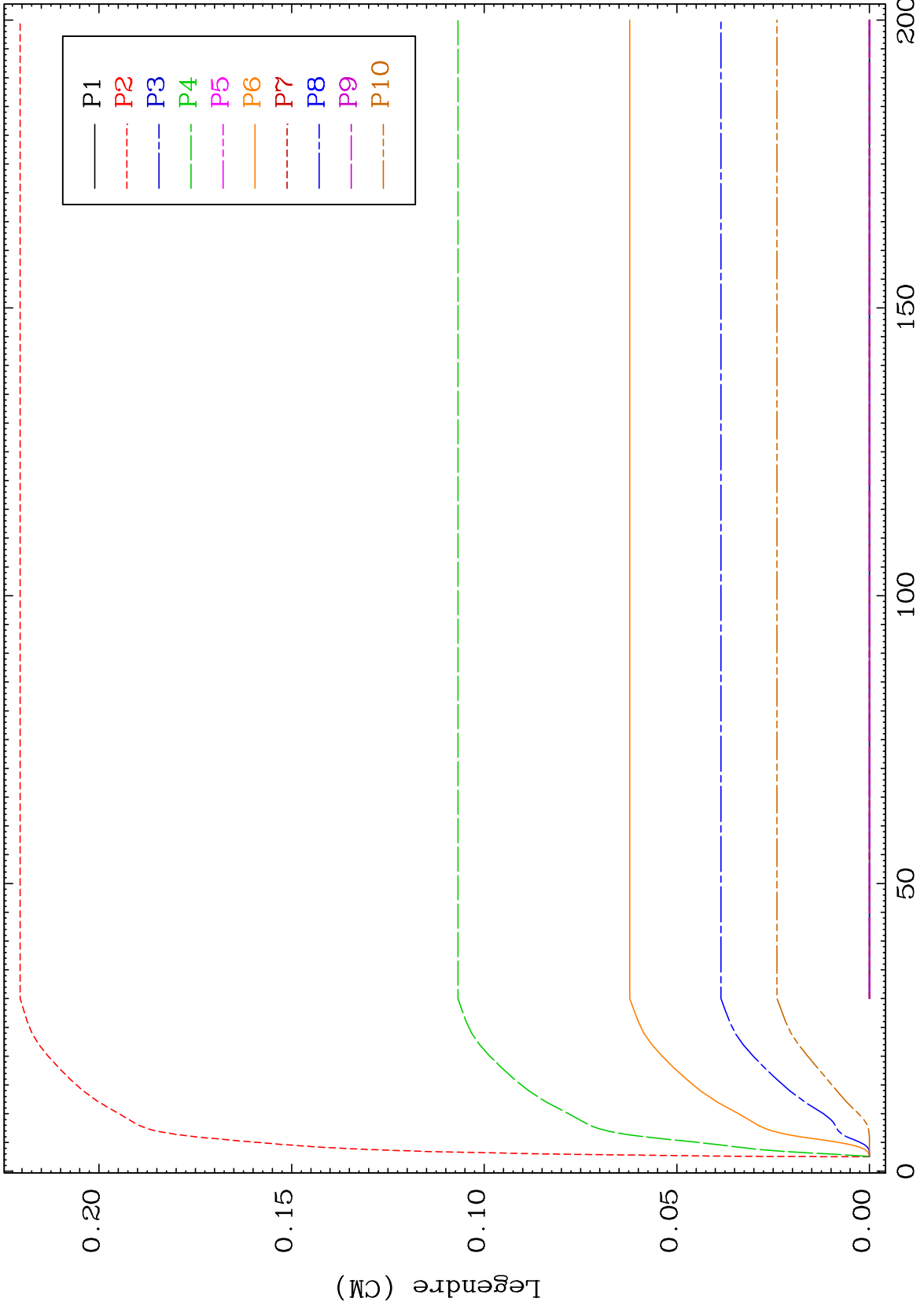


103

Incident Energy (MeV)

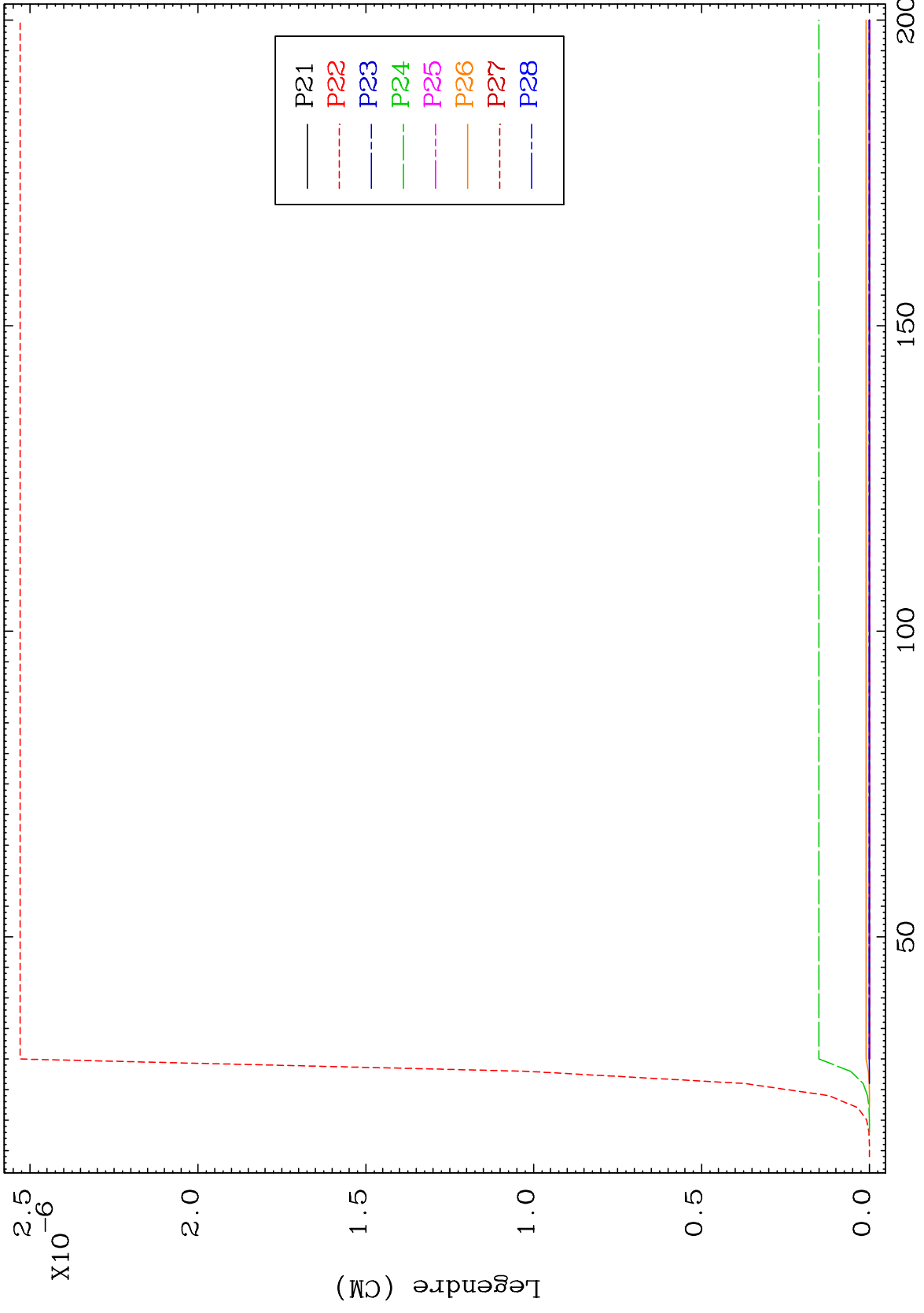
52-Te-122

MAT 5231 MT= 73 (n,n') Level Legendre Coefficients 52-Te-122



104 52-Te-122

MAT 5231 MT= 73 (n,n') Level Legendre Coefficients 52-Te-122

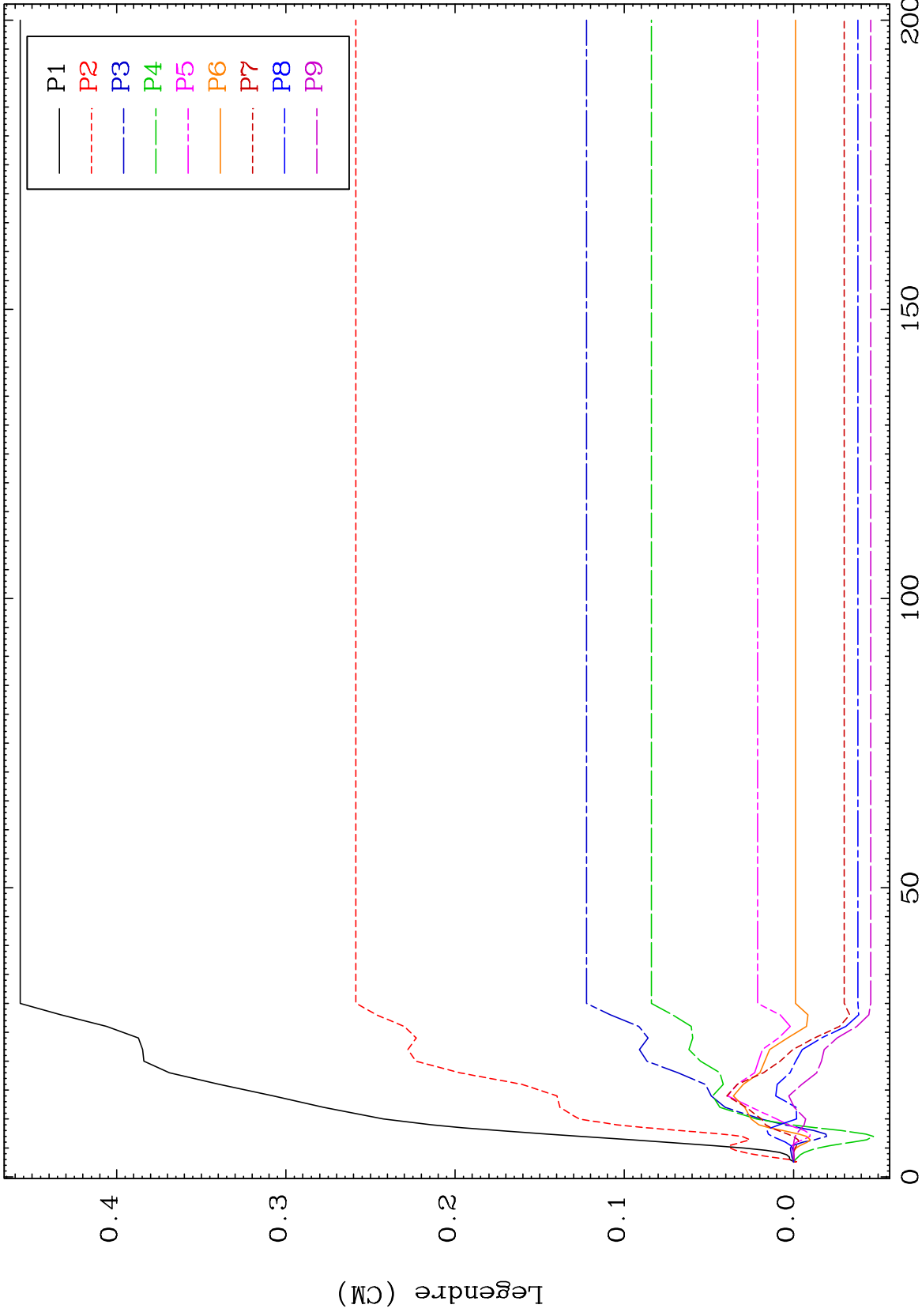


106 Incident Energy (MeV) 52-Te-122

MAT 5231

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

52-Te-122



107

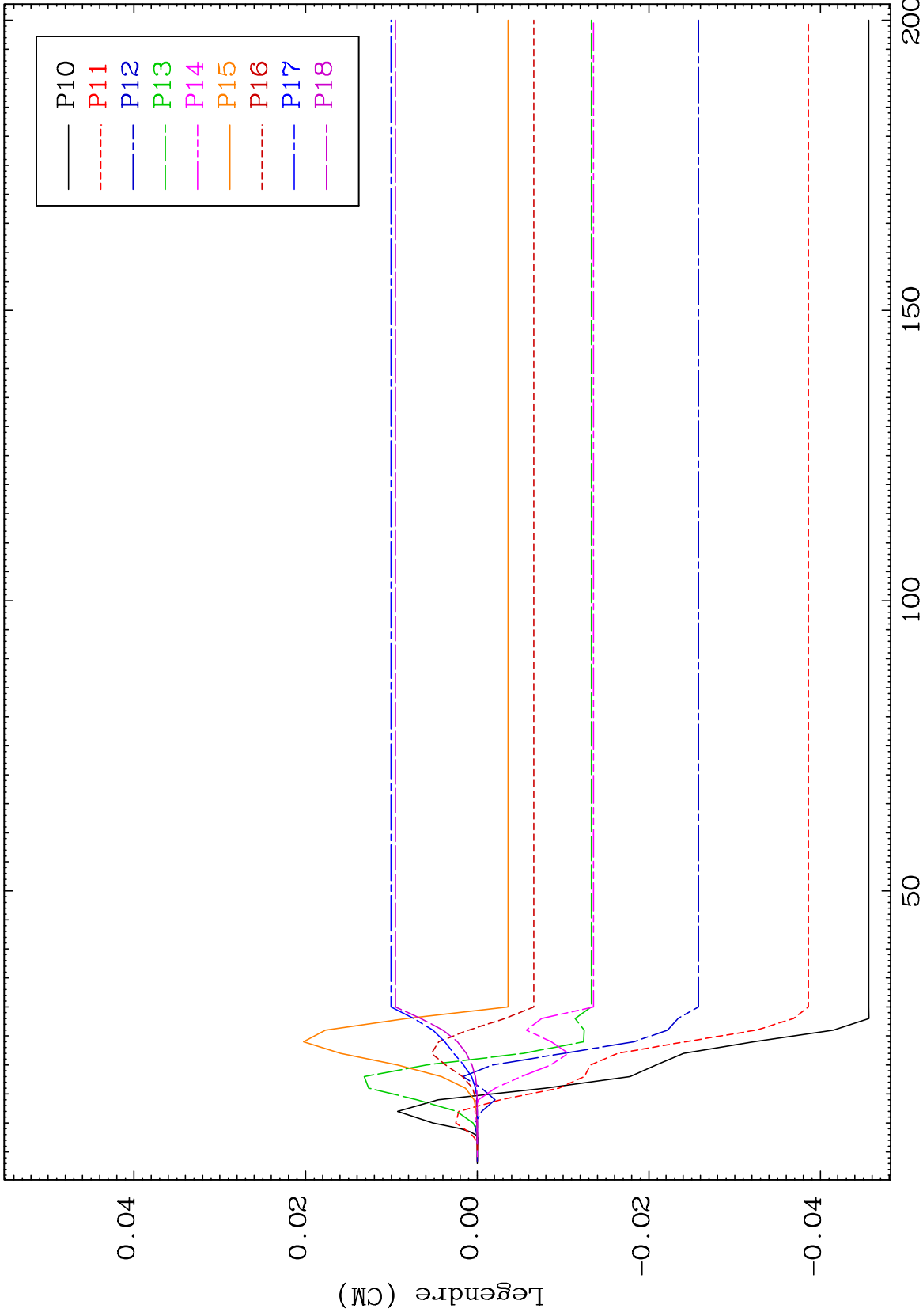
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

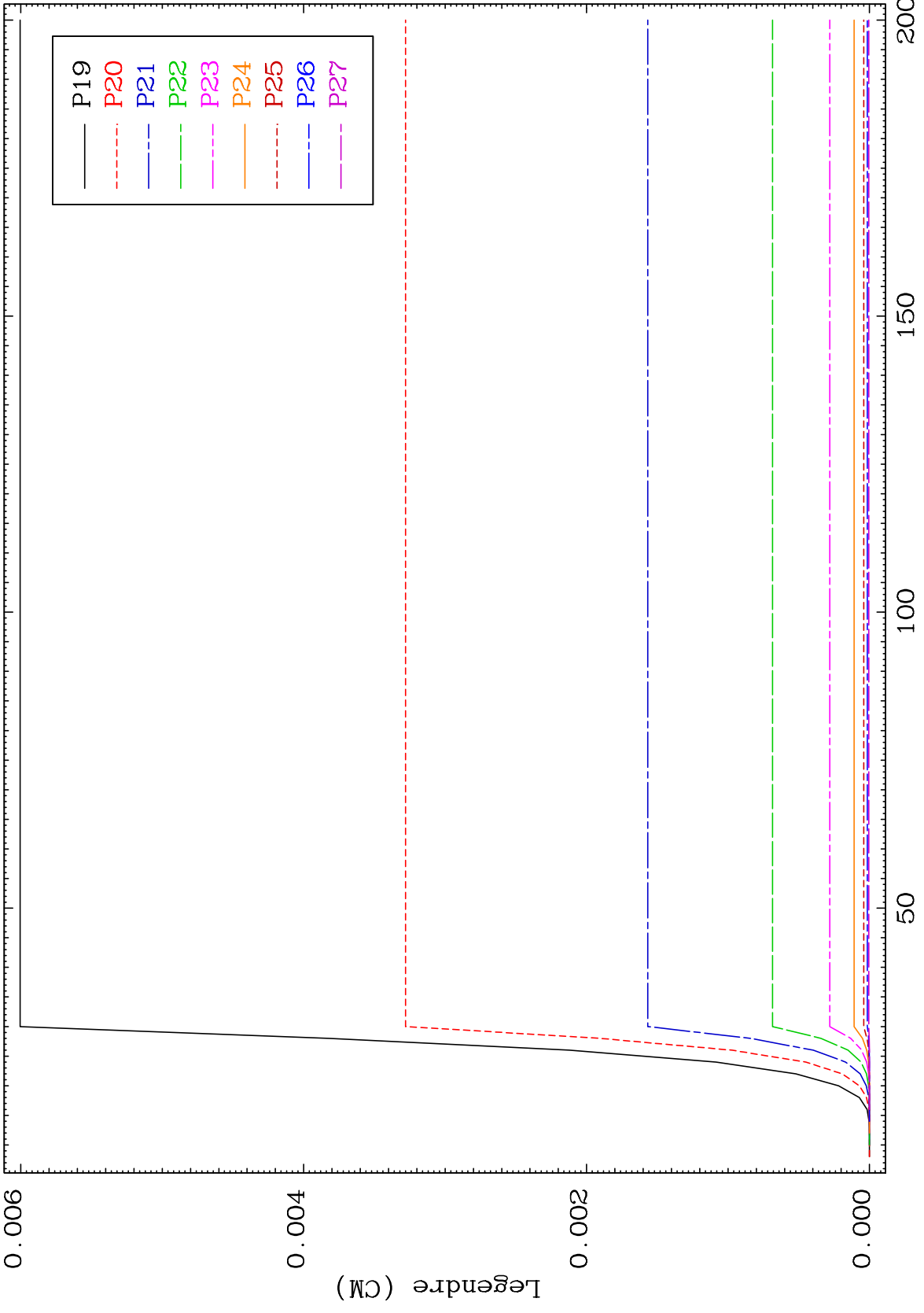


108

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 74 (n,n') Level Legendre Coefficients 52-Te-122

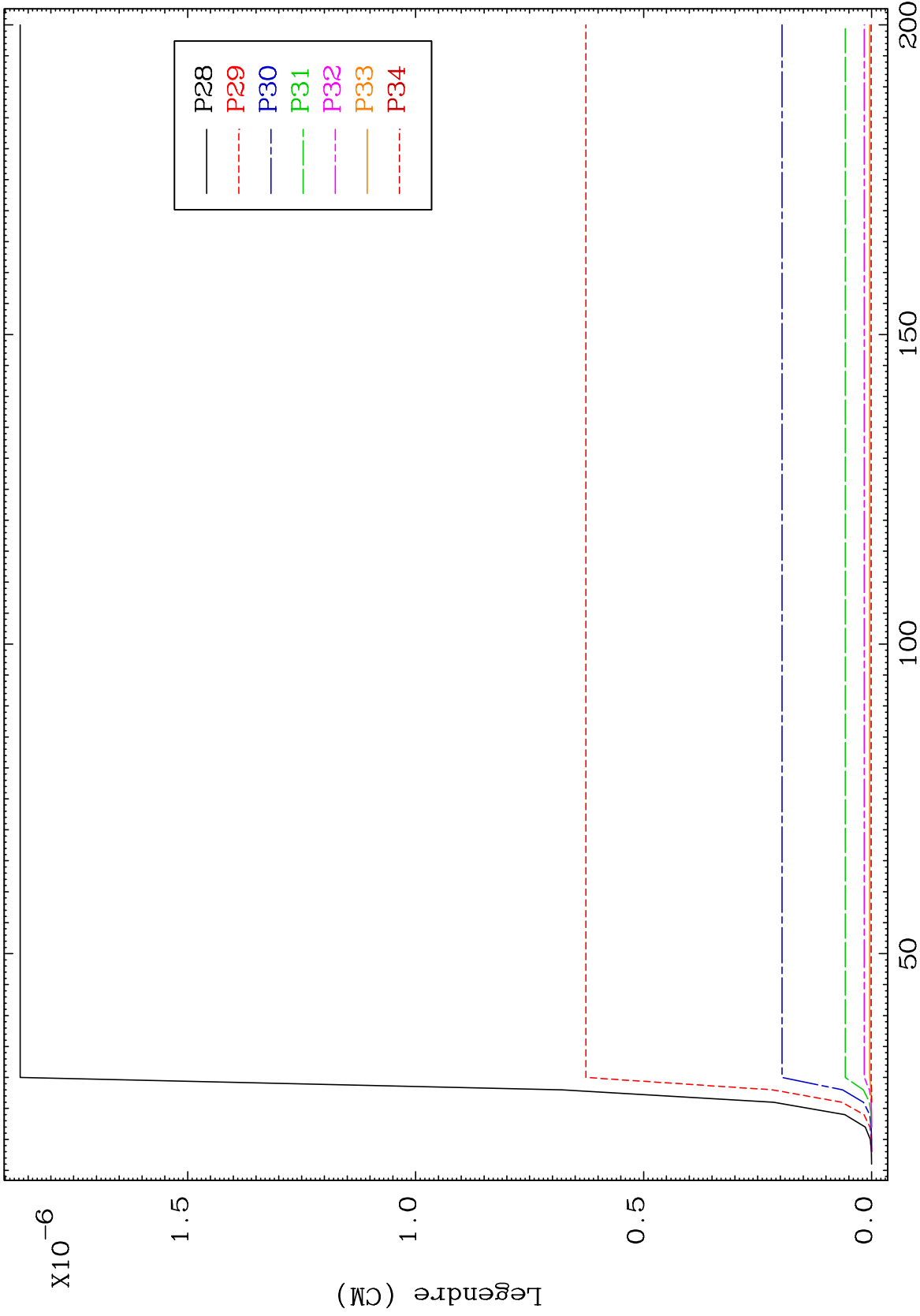


109 52-Te-122

MAT 5231

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

52-Te-122

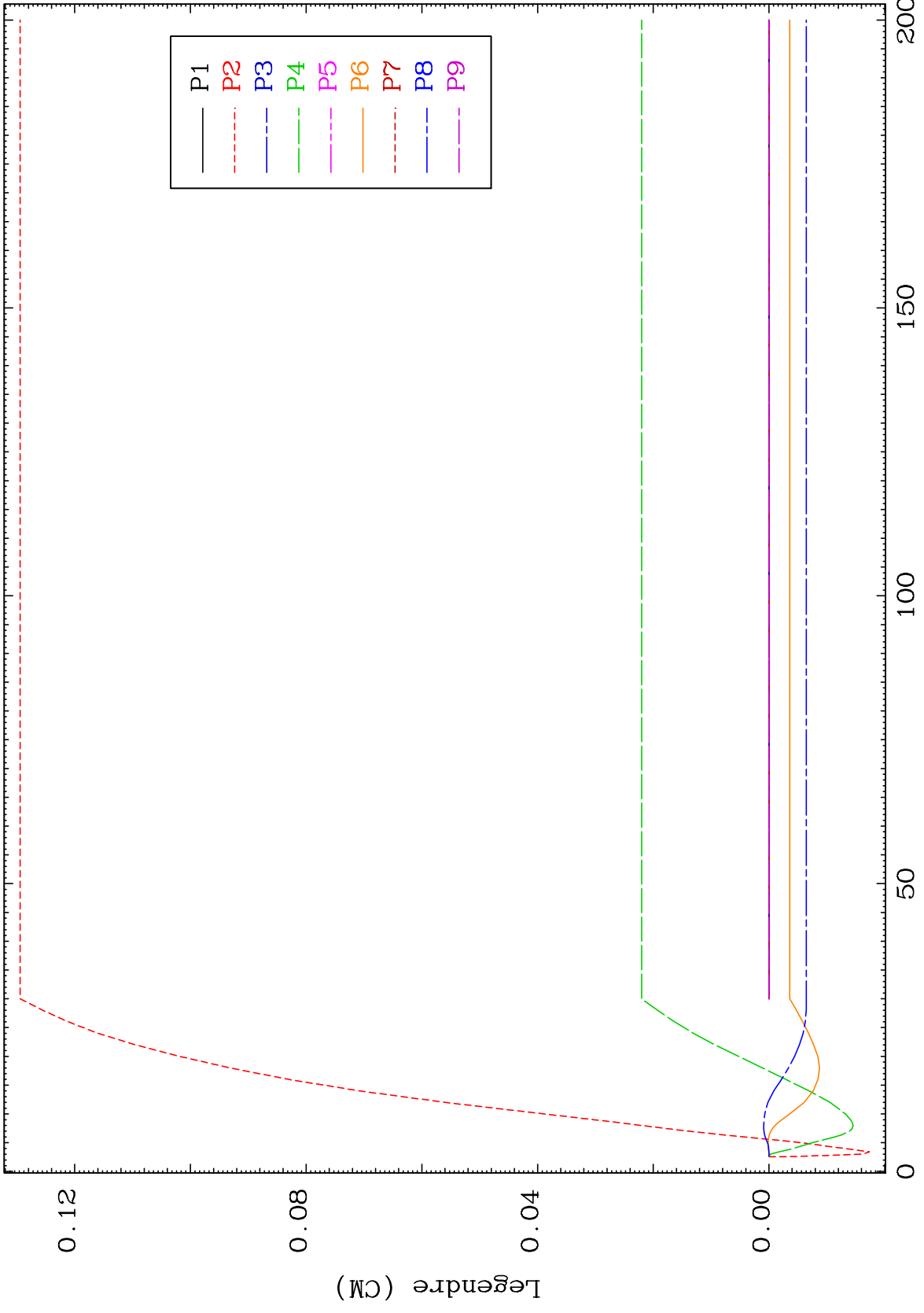


110

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 75 (n,n') Level Legendre Coefficients 52-Te-122

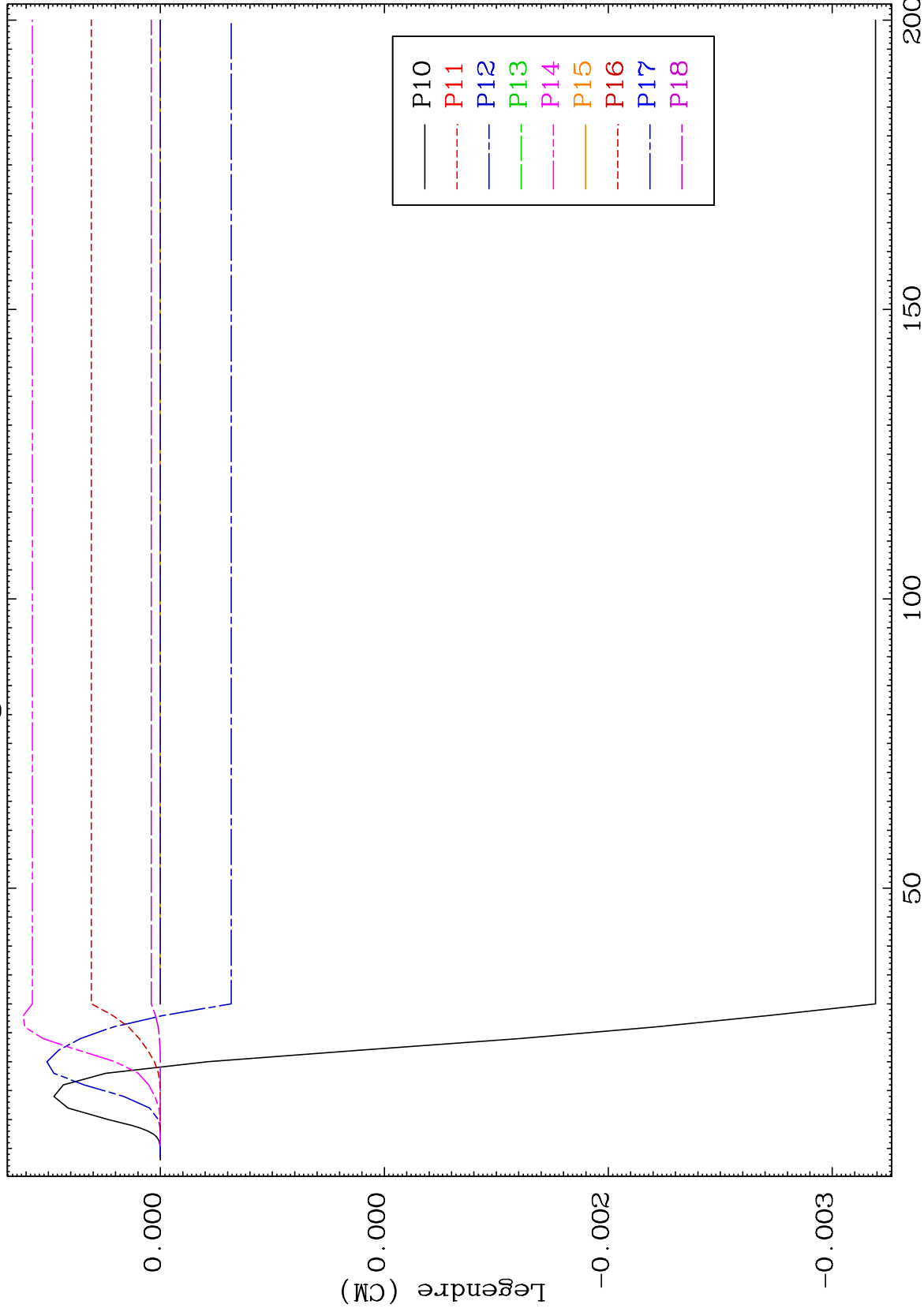


111 52-Te-122

MAT 5231

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

52-Te-122

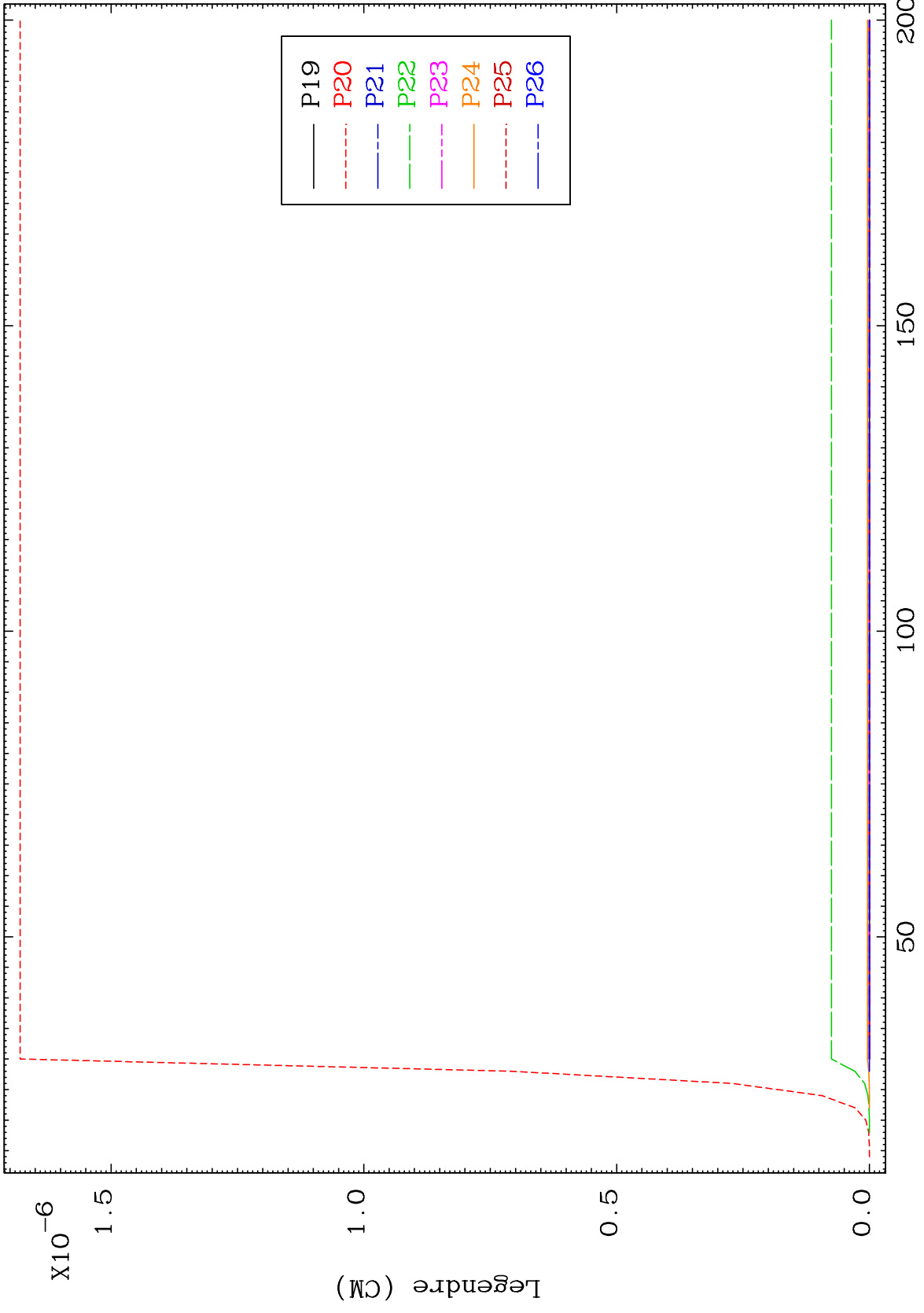


112

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 75 (n,n') Level Legendre Coefficients 52-Te-122

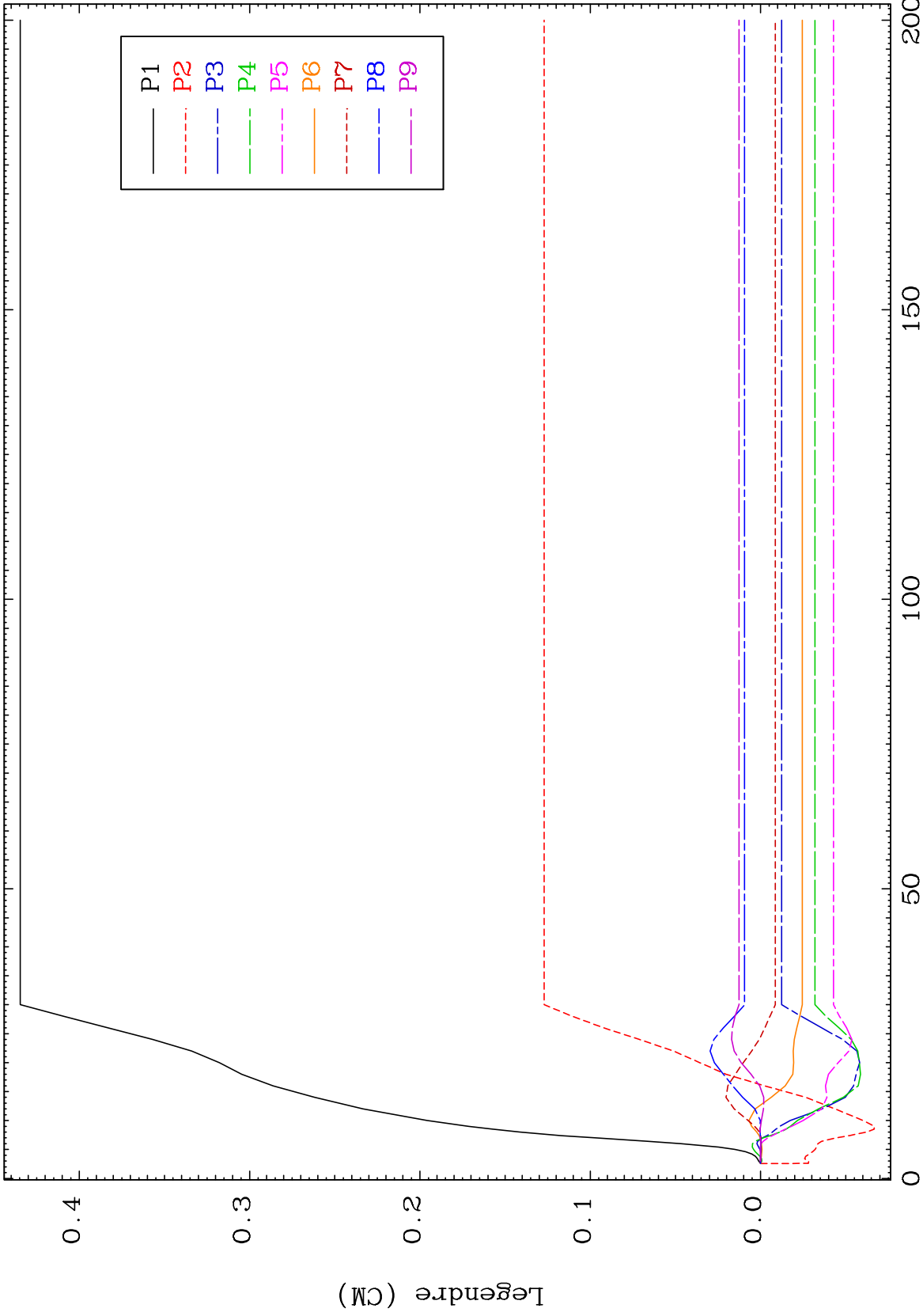


113 52-Te-122

MAT 5231

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

52-Te-122



114

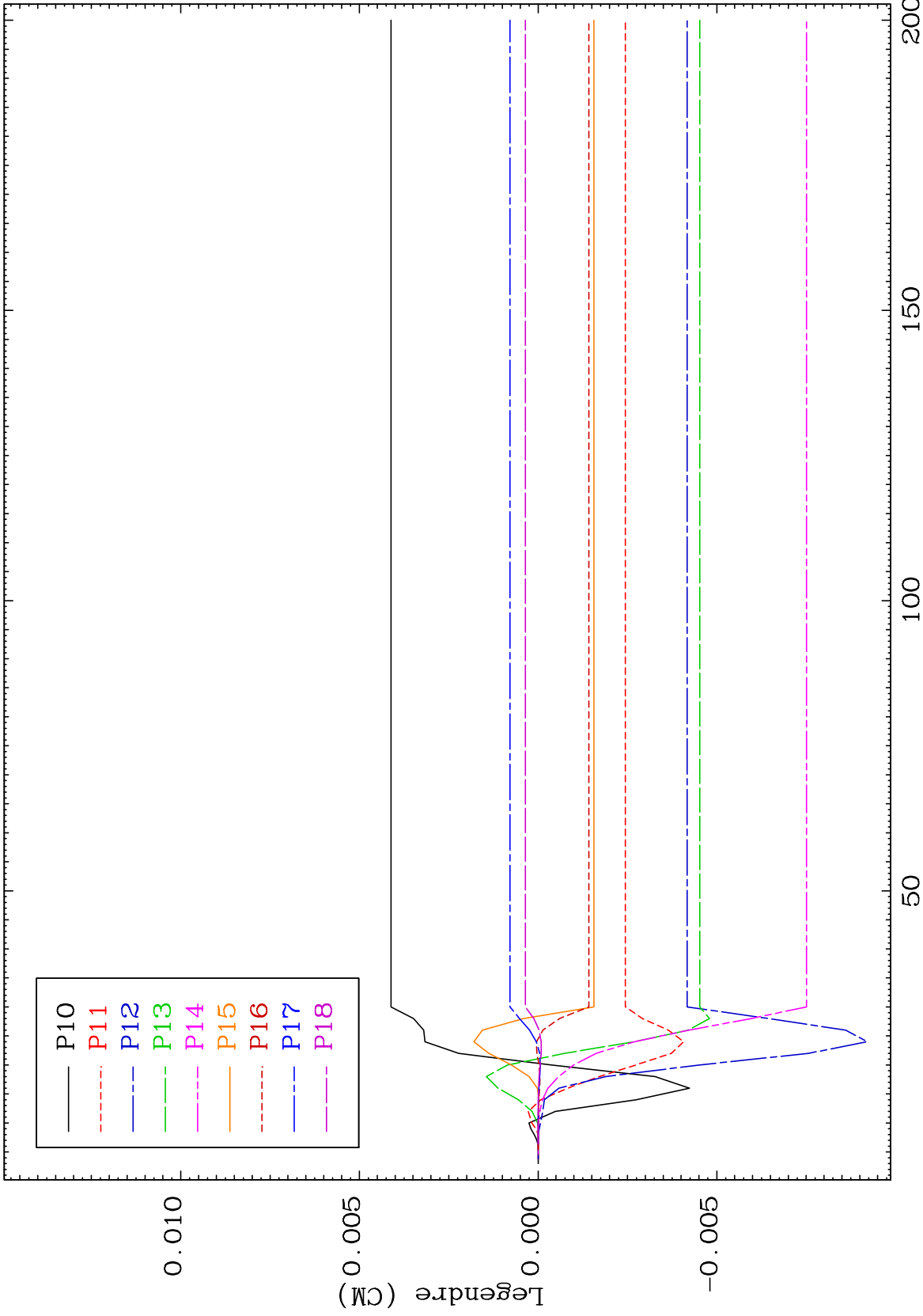
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



115

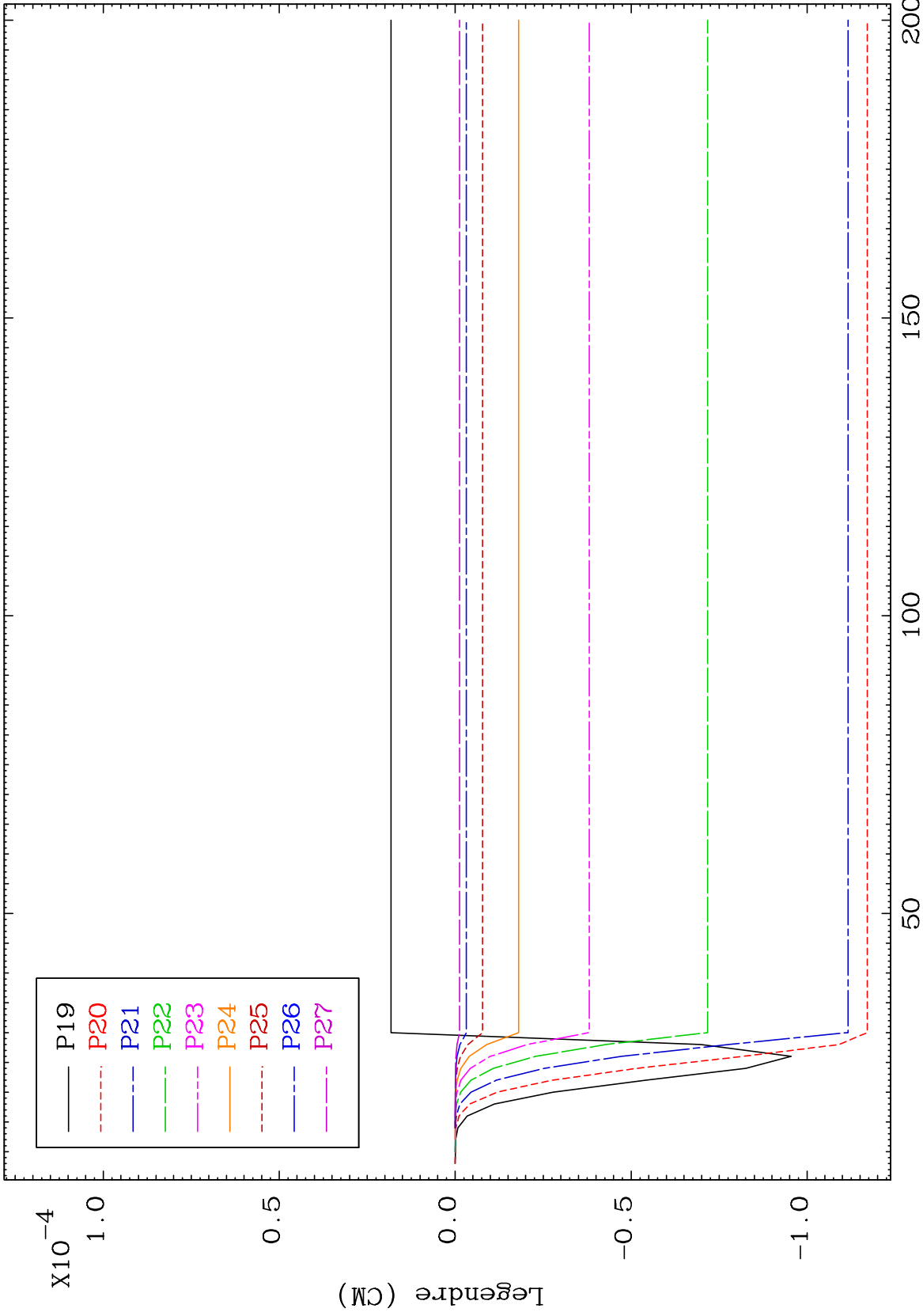
Incident Energy (MeV)

52-Te-122

MAT 5231

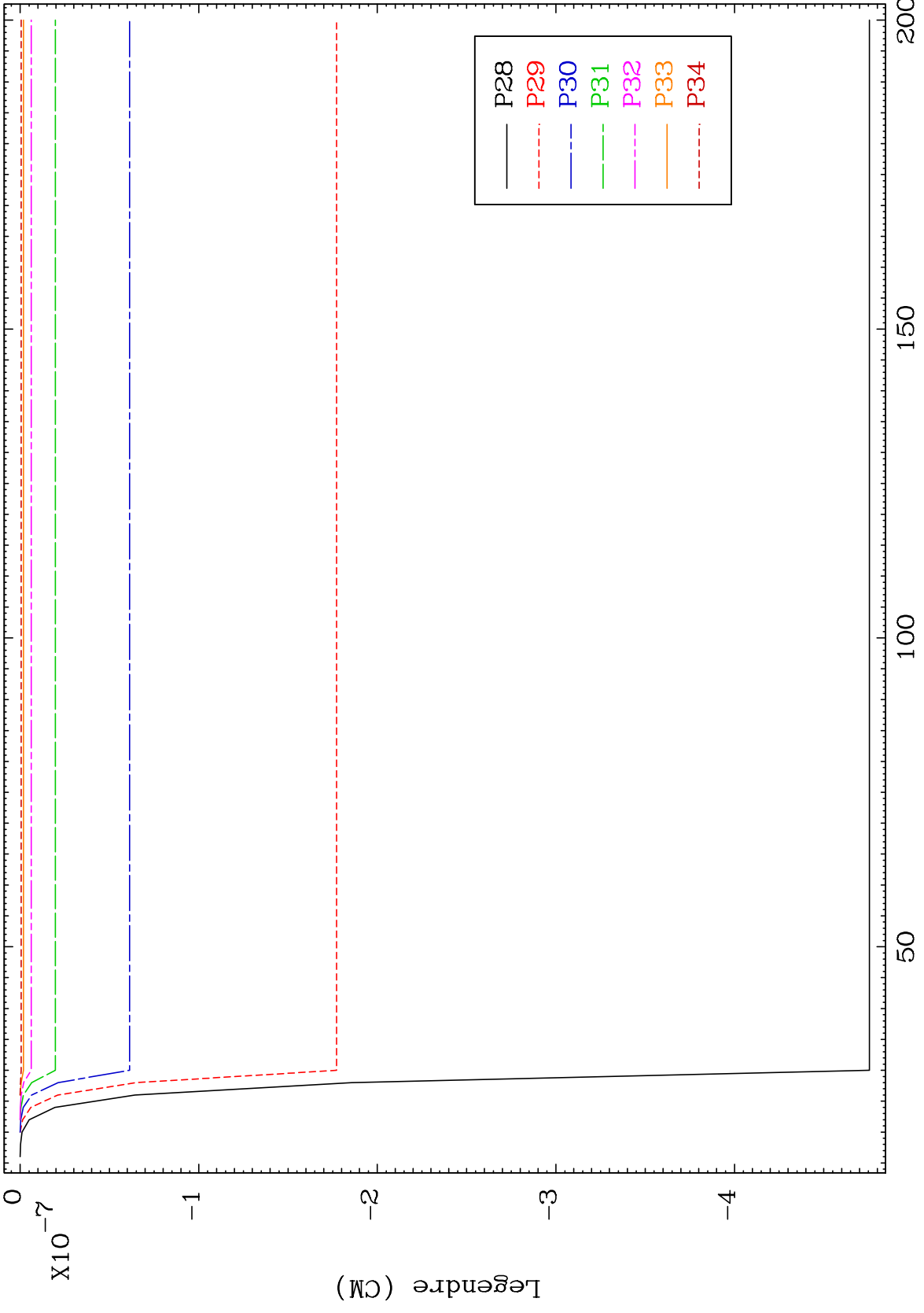
MT= 76 (n,n') Level
Legendre Coefficients

52-Te-122



116

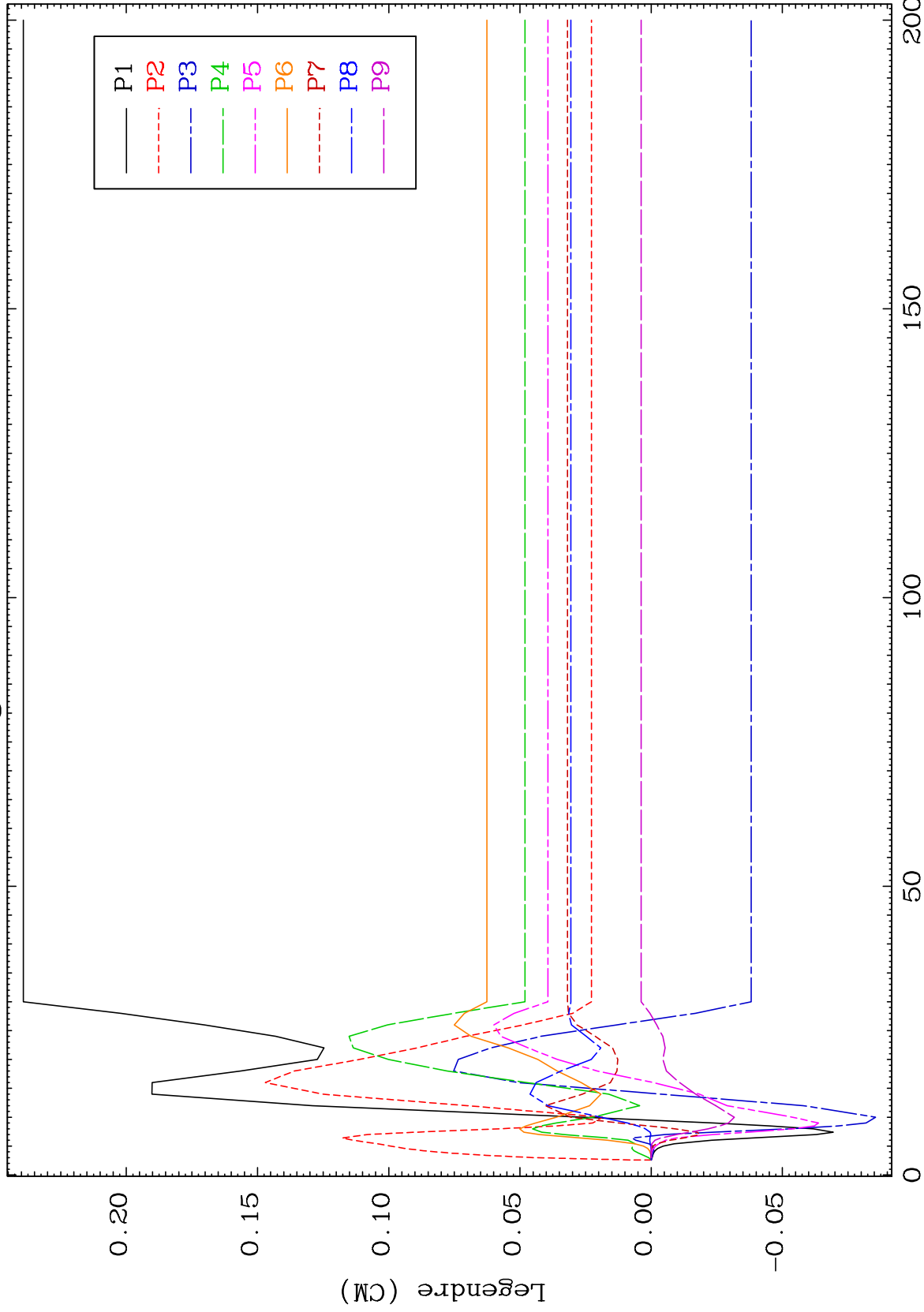
MAT 5231 MT= 76 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231

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

52-Te-122



118

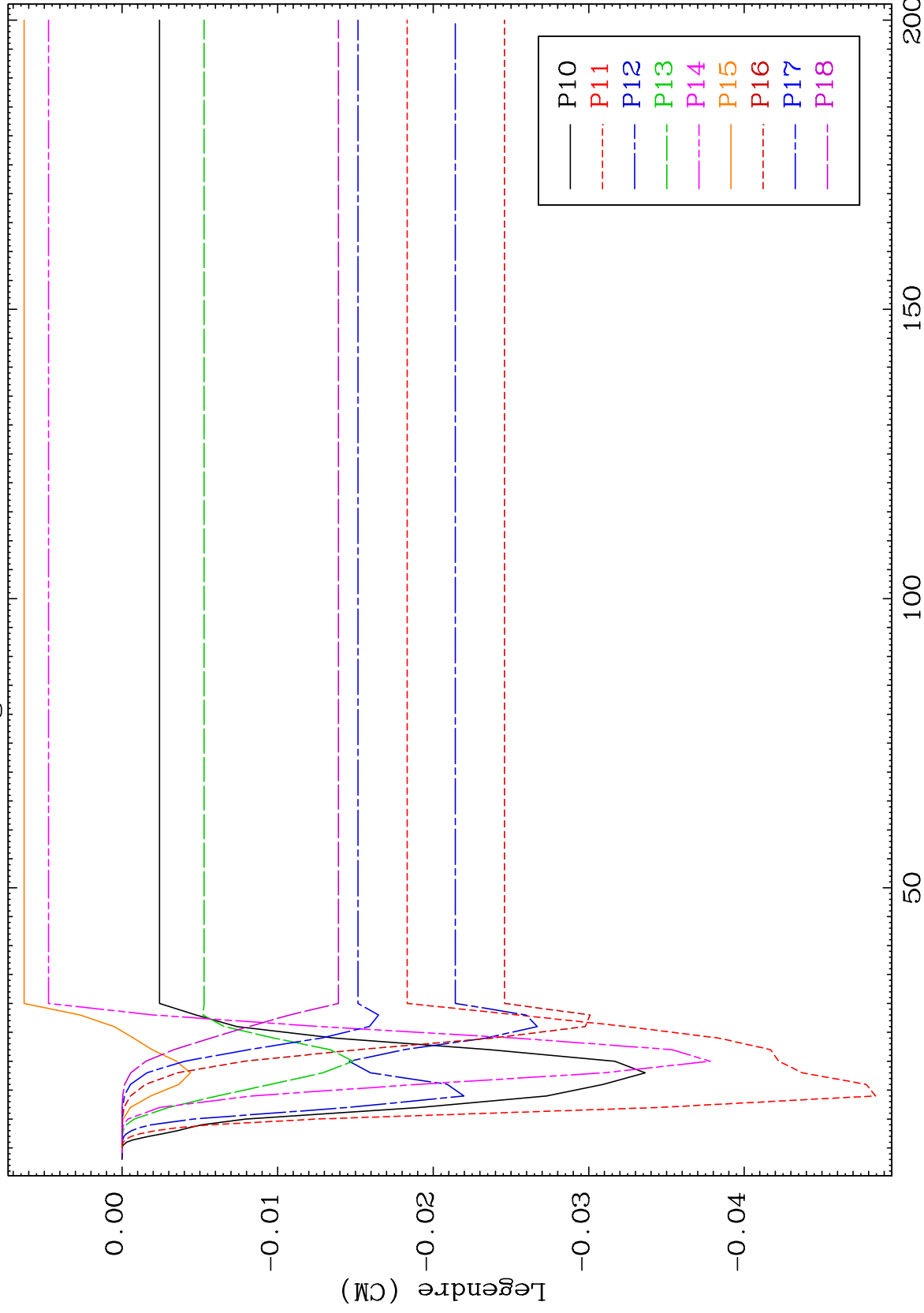
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122

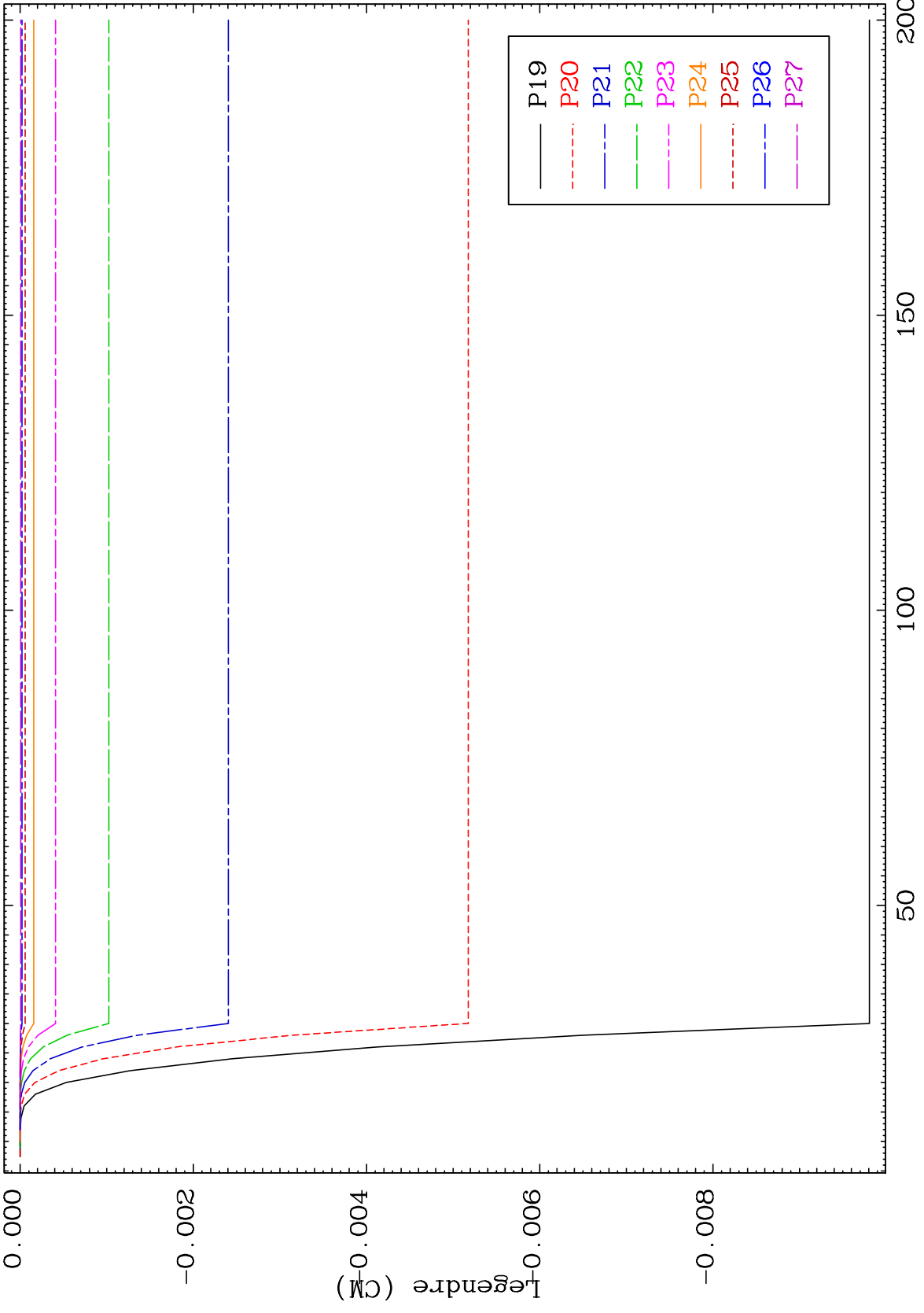


119

Incident Energy (MeV)

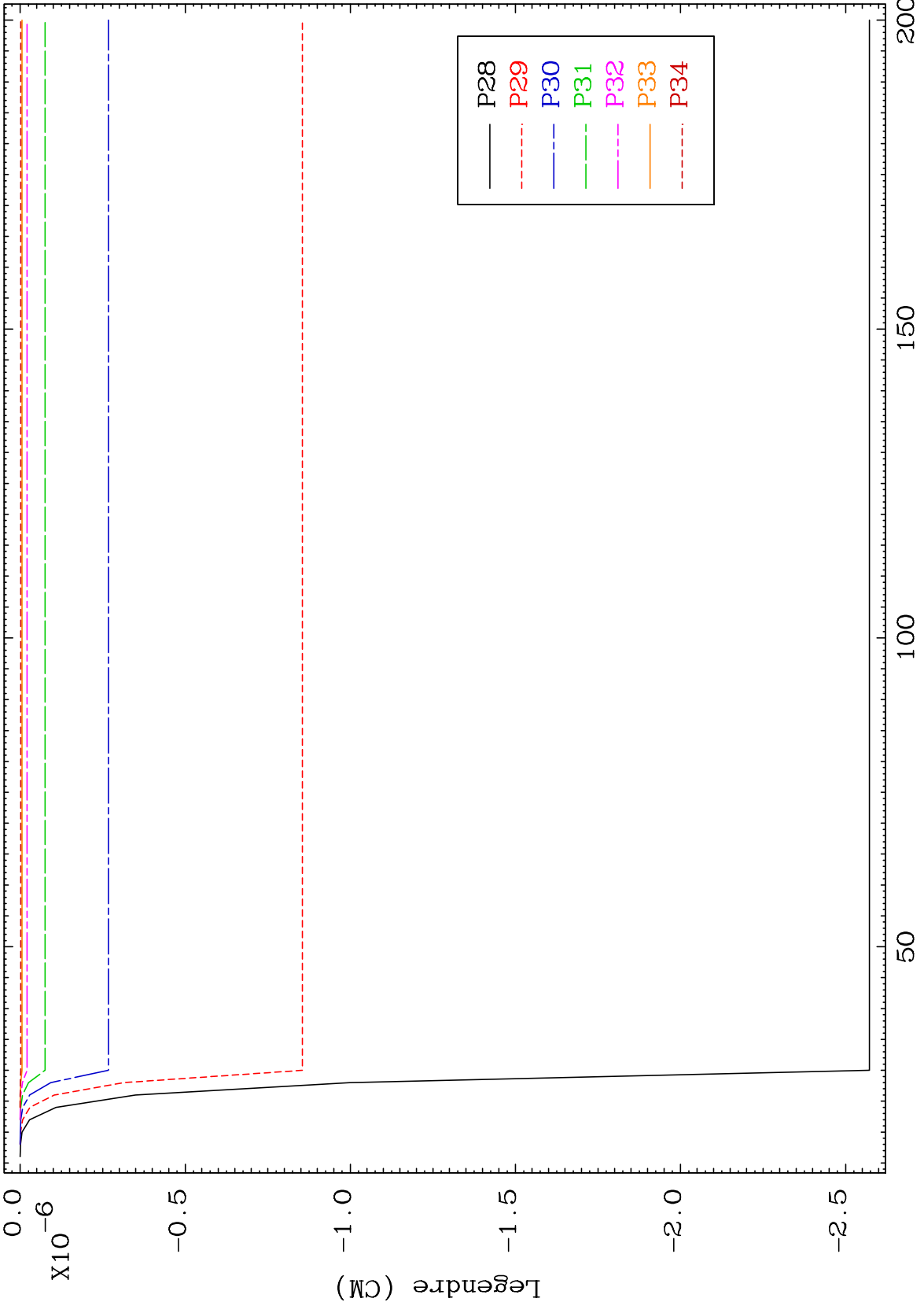
52-Te-122

MAT 5231 MT= 77 (n,n') Level Legendre Coefficients 52-Te-122



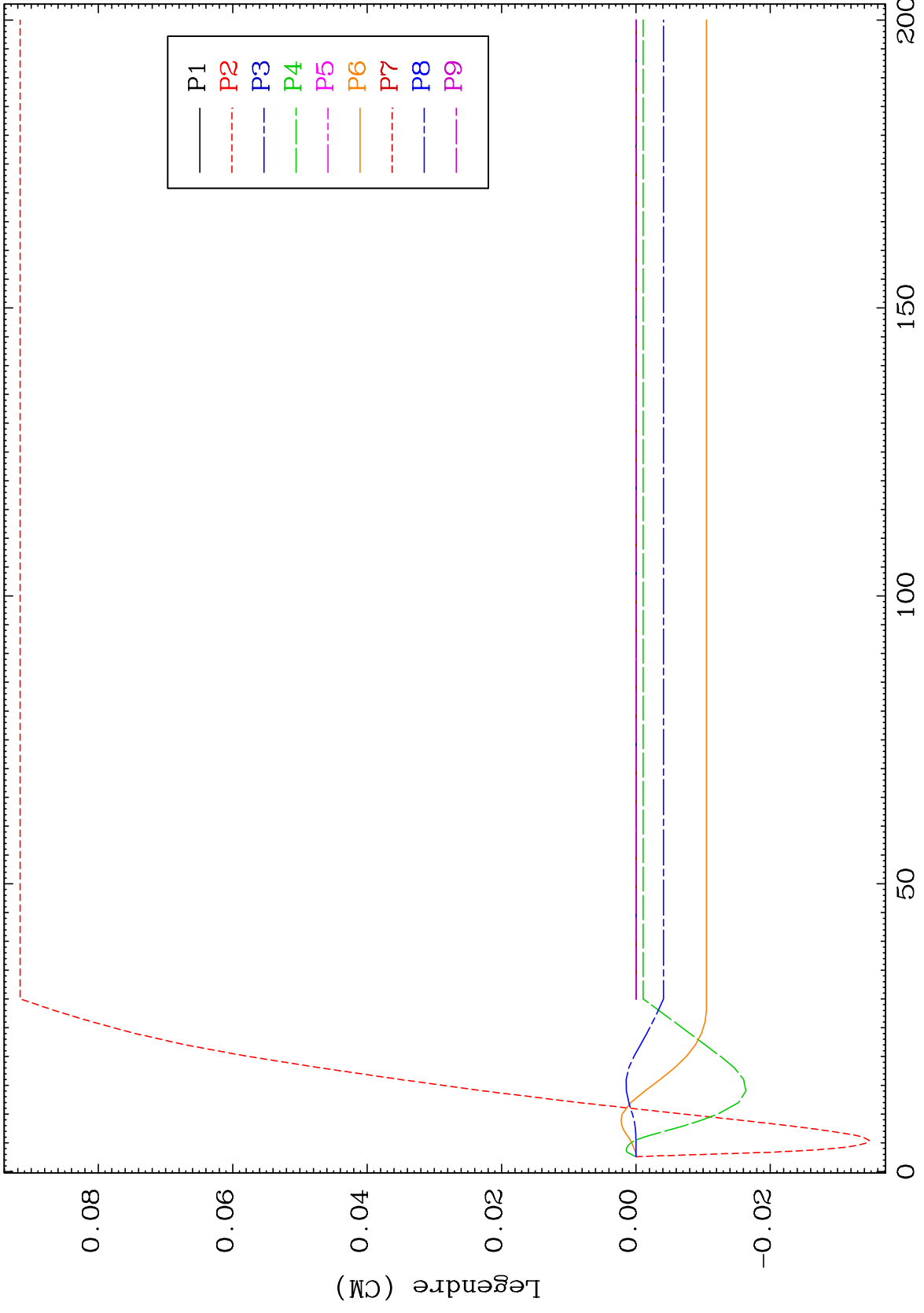
120 Incident Energy (MeV) 52-Te-122

MAT 5231 MT= 77 (n,n') Level Legendre Coefficients 52-Te-122



121 52-Te-122

MAT 5231 MT= 78 (n,n') Level Legendre Coefficients 52-Te-122

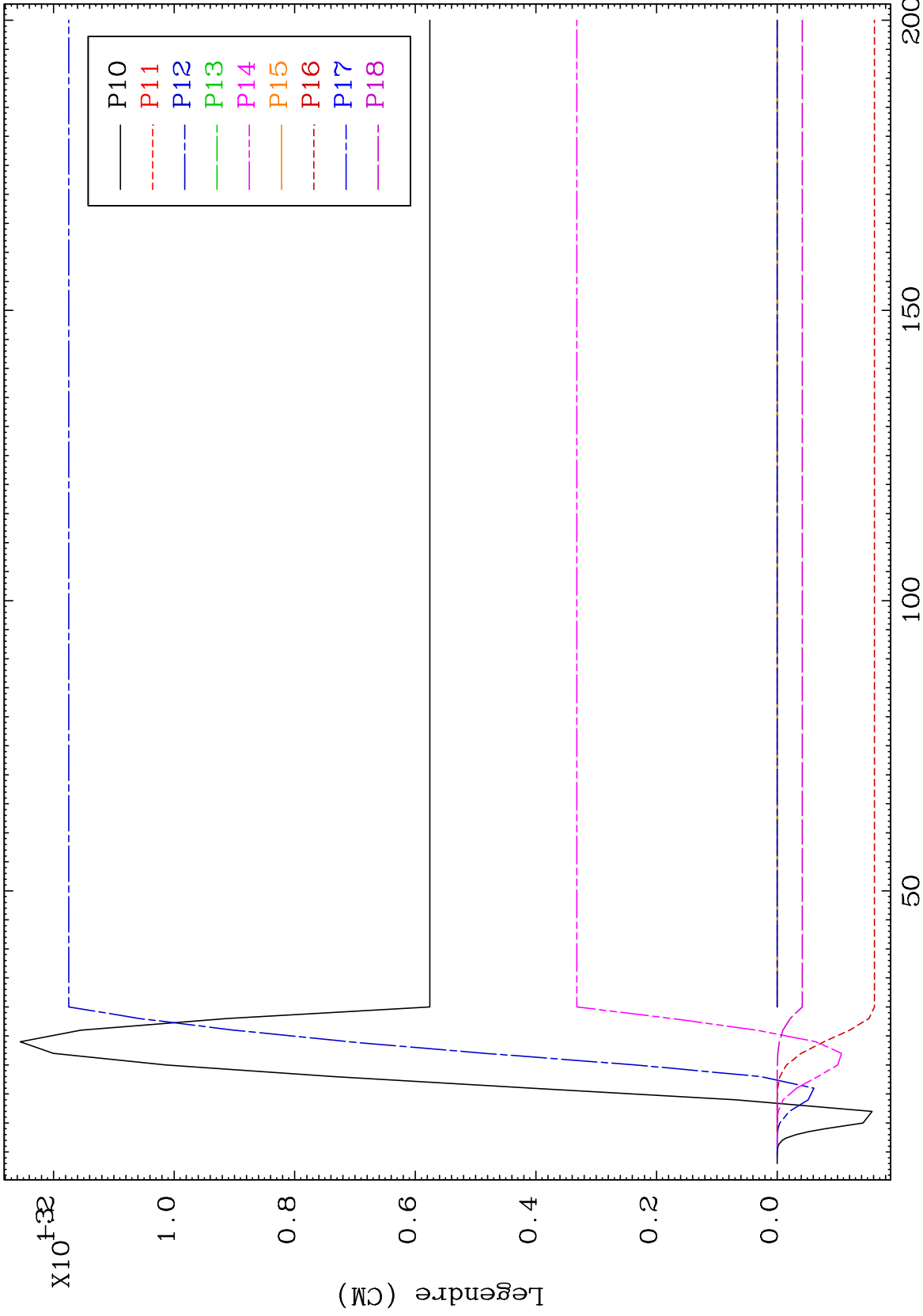


122 Incident Energy (MeV) 52-Te-122

MAT 5231

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

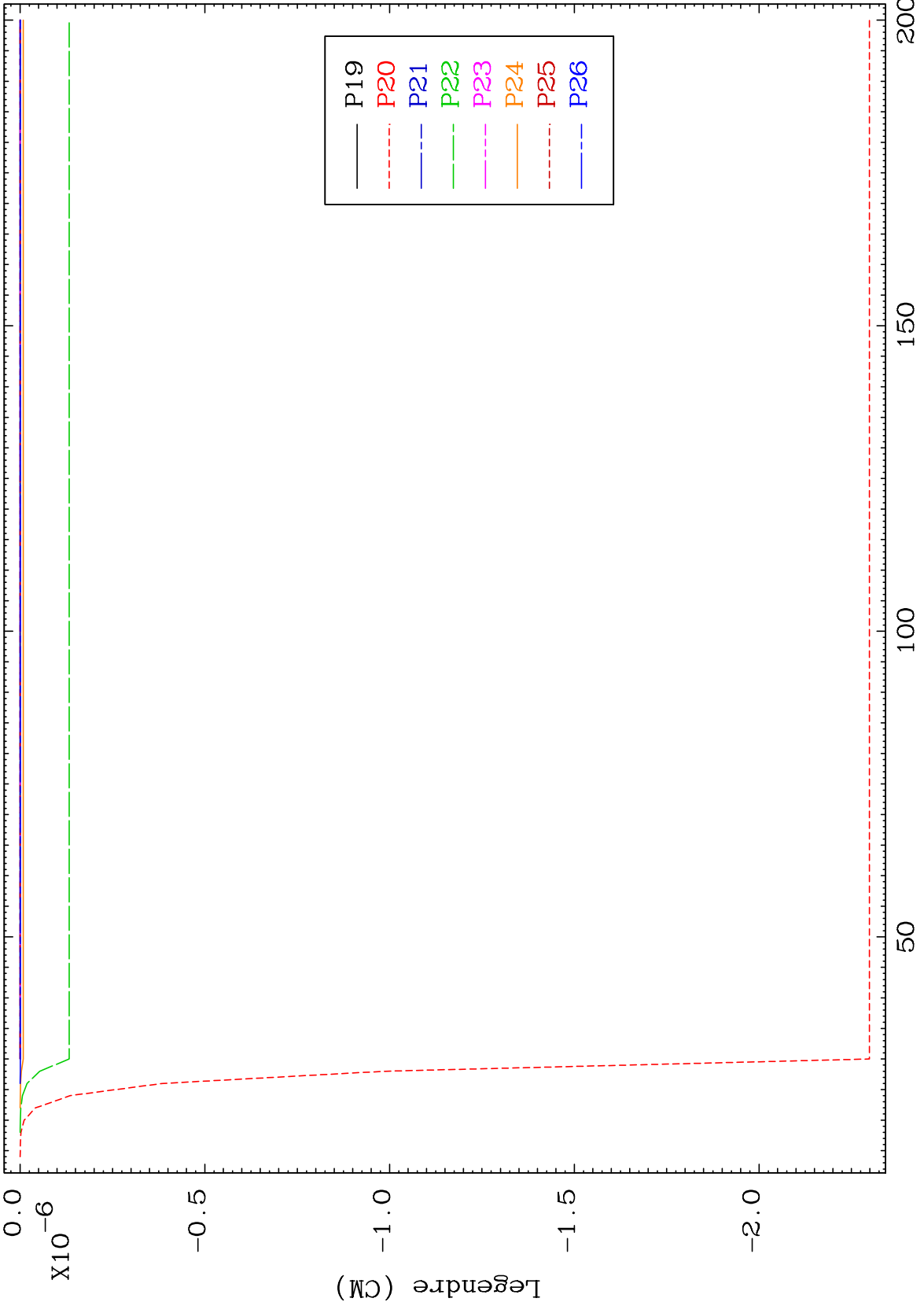
52-Te-122



123

52-Te-122

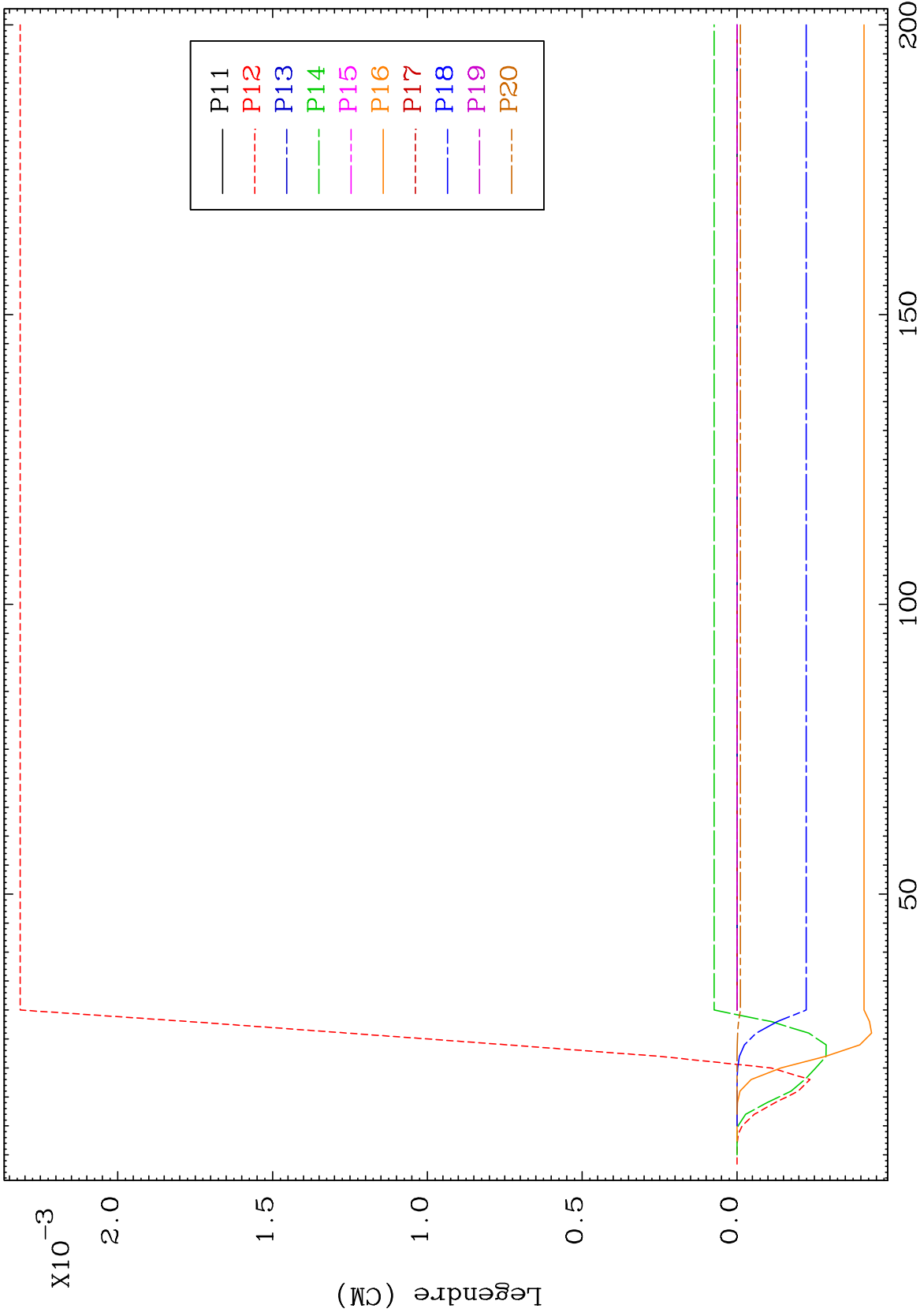
MAT 5231 MT= 78 (n,n') Level Legendre Coefficients 52-Te-122



MAT 5231

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

52-Te-122

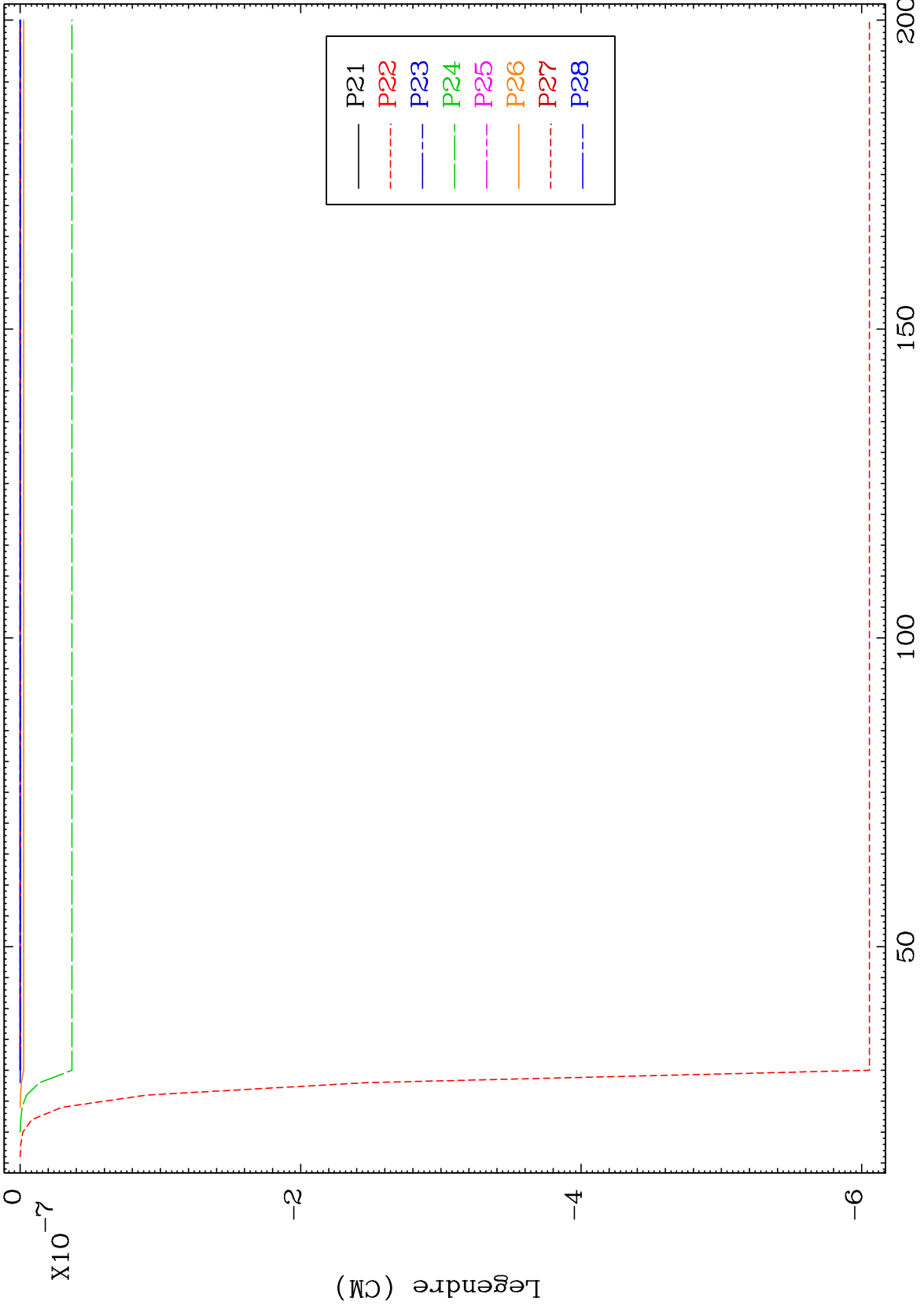


126

Incident Energy (MeV)

52-Te-122

MAT 5231 MT= 79 (n,n') Level Legendre Coefficients 52-Te-122

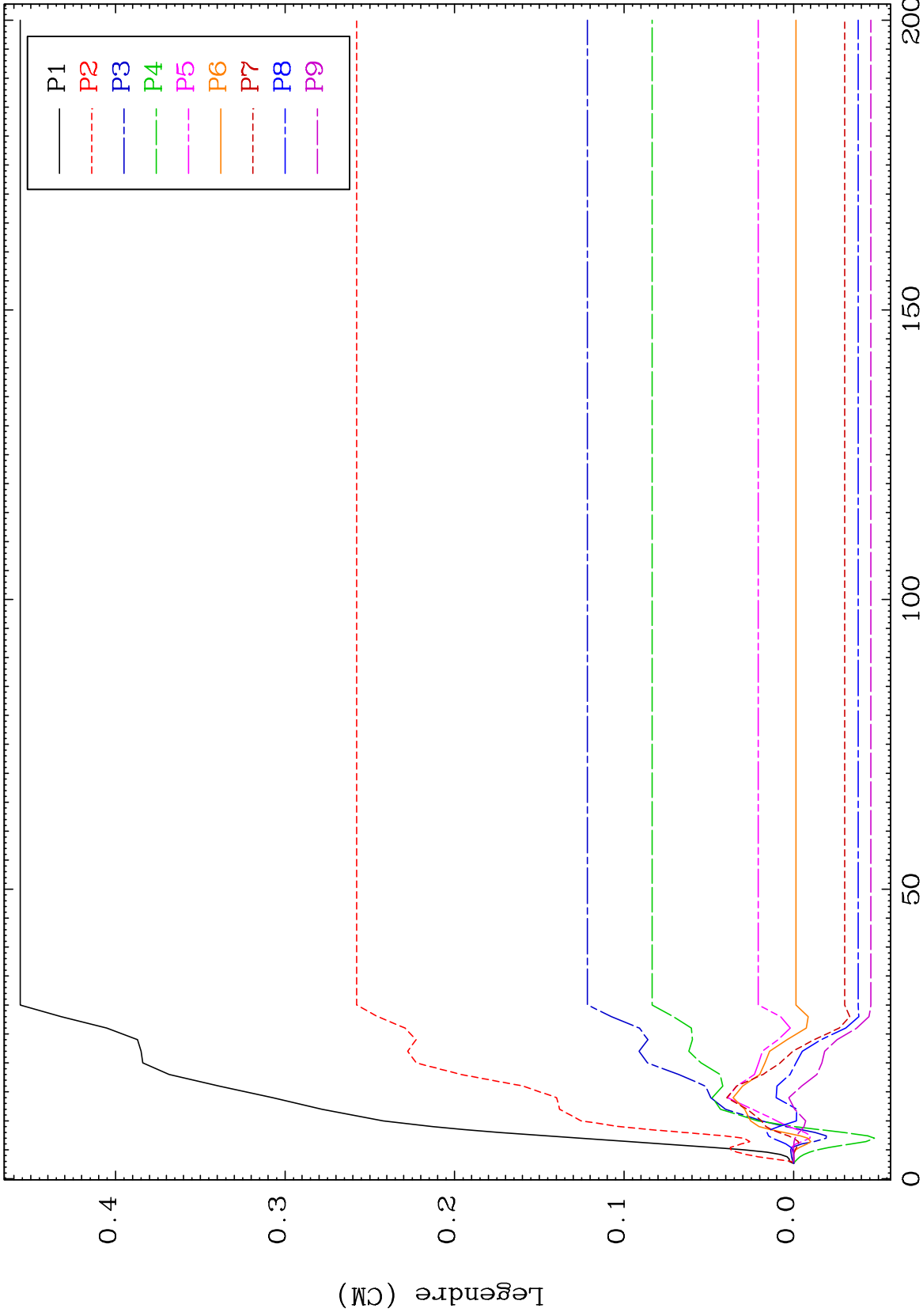


127 52-Te-122

MAT 5231

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

52-Te-122



128

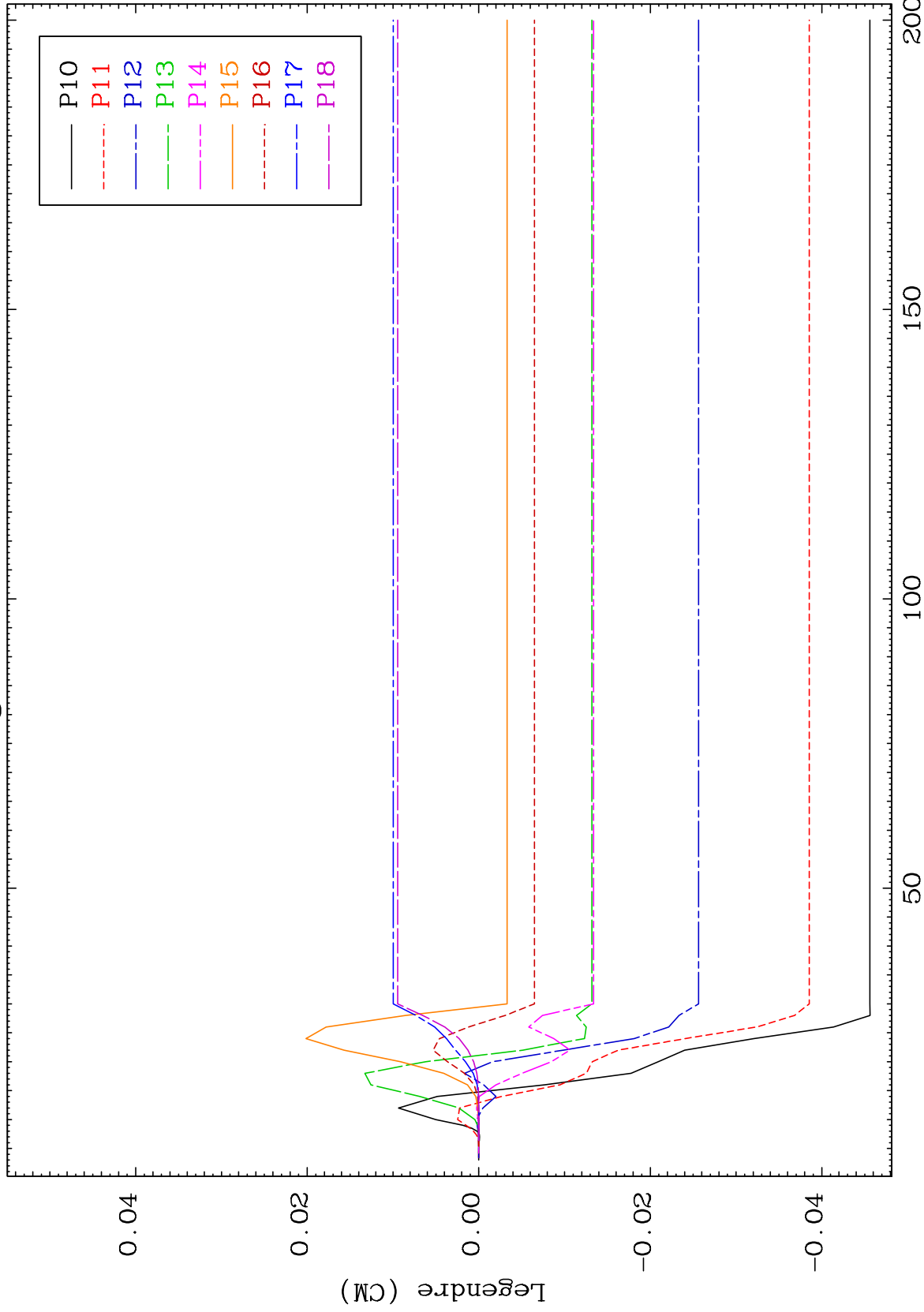
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



129

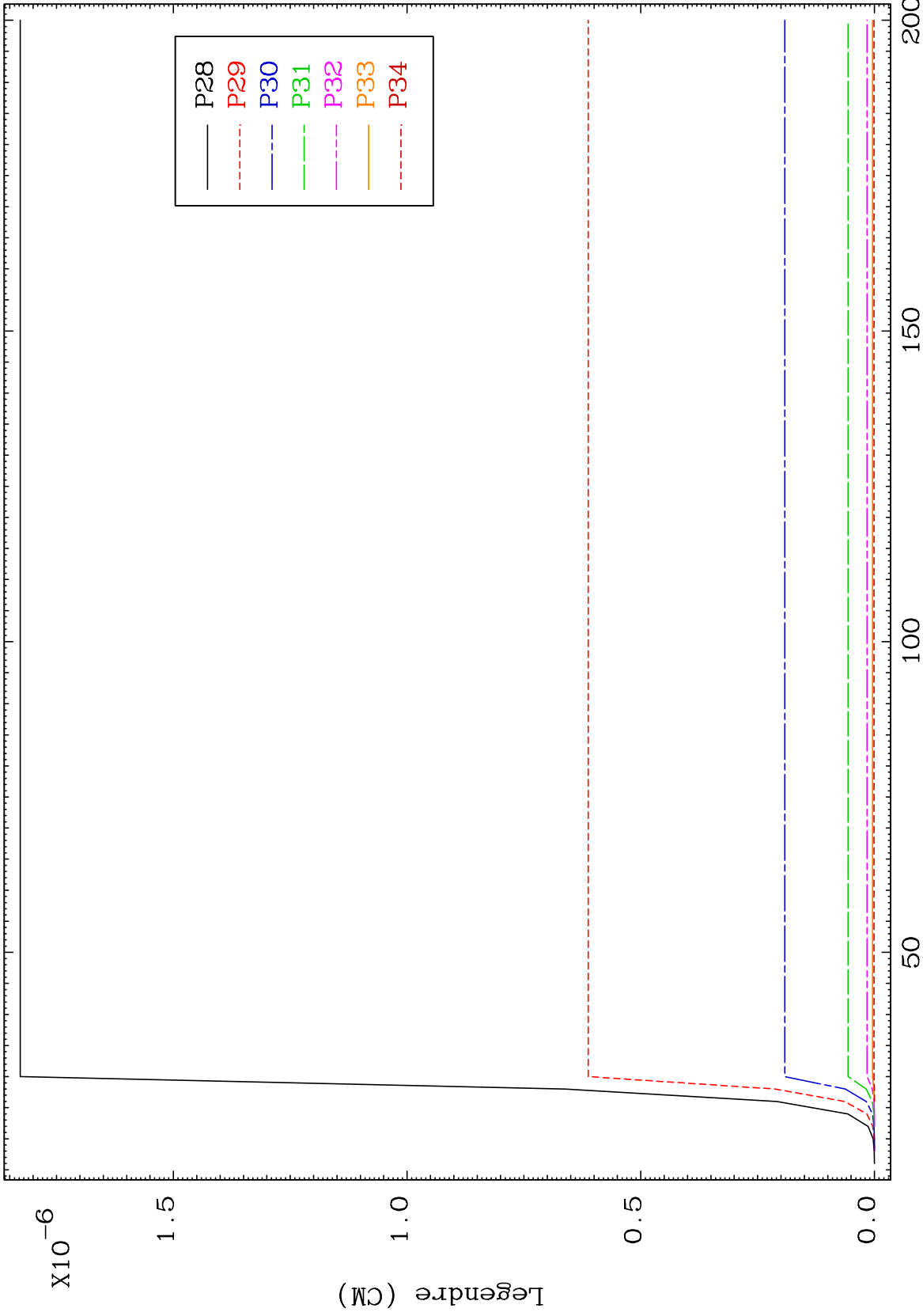
Incident Energy (MeV)

52-Te-122

MAT 5231

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

52-Te-122



131

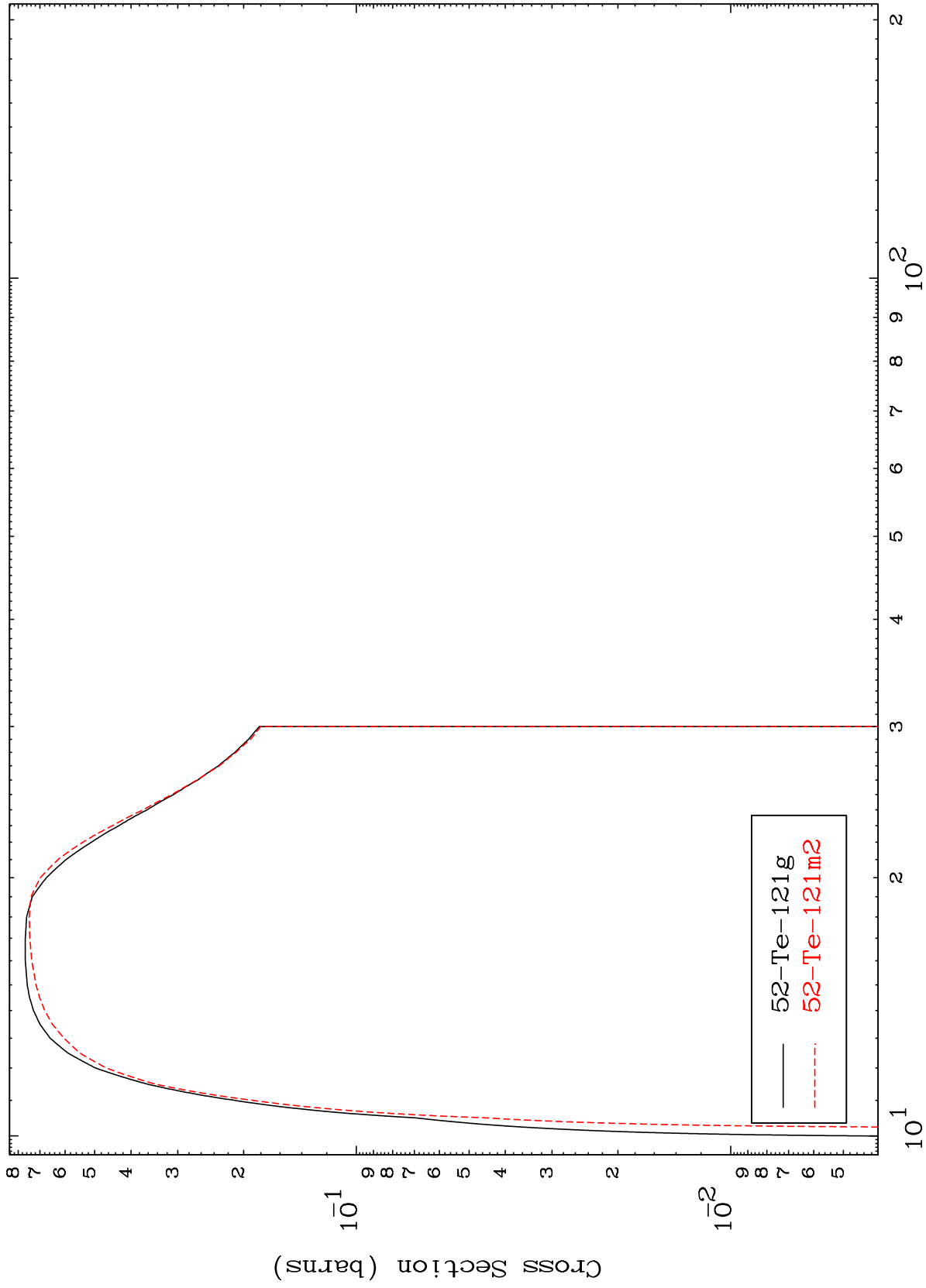
52-Te-122

MAT 5231

52-Te-122

Radionuclide Production Cross Section

(n,2n)



132

Incident Energy (MeV)

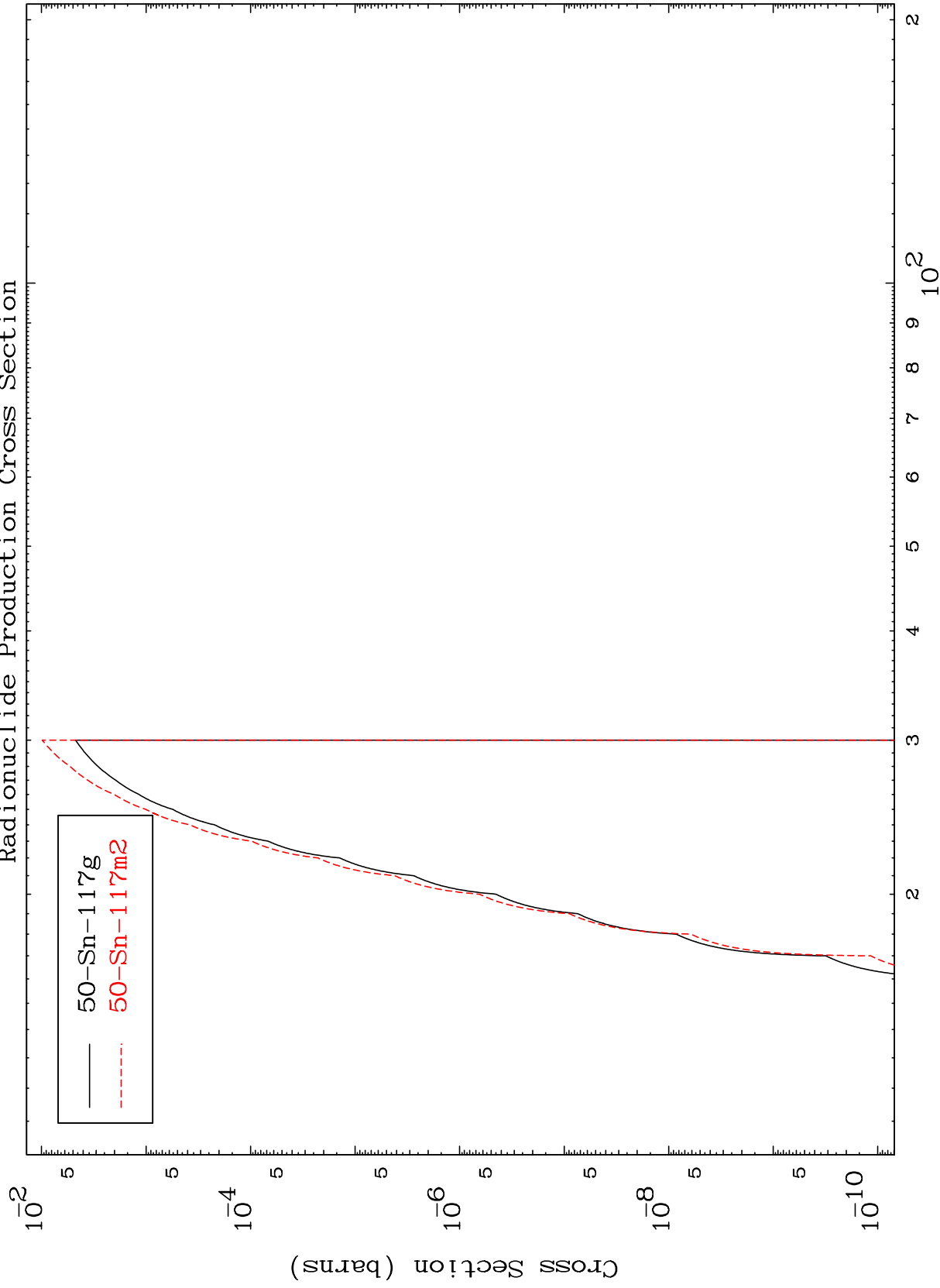
52-Te-122

MAT 5231

(n,2n) α

52-Te-122

Radionuclide Production Cross Section



133

Incident Energy (MeV)

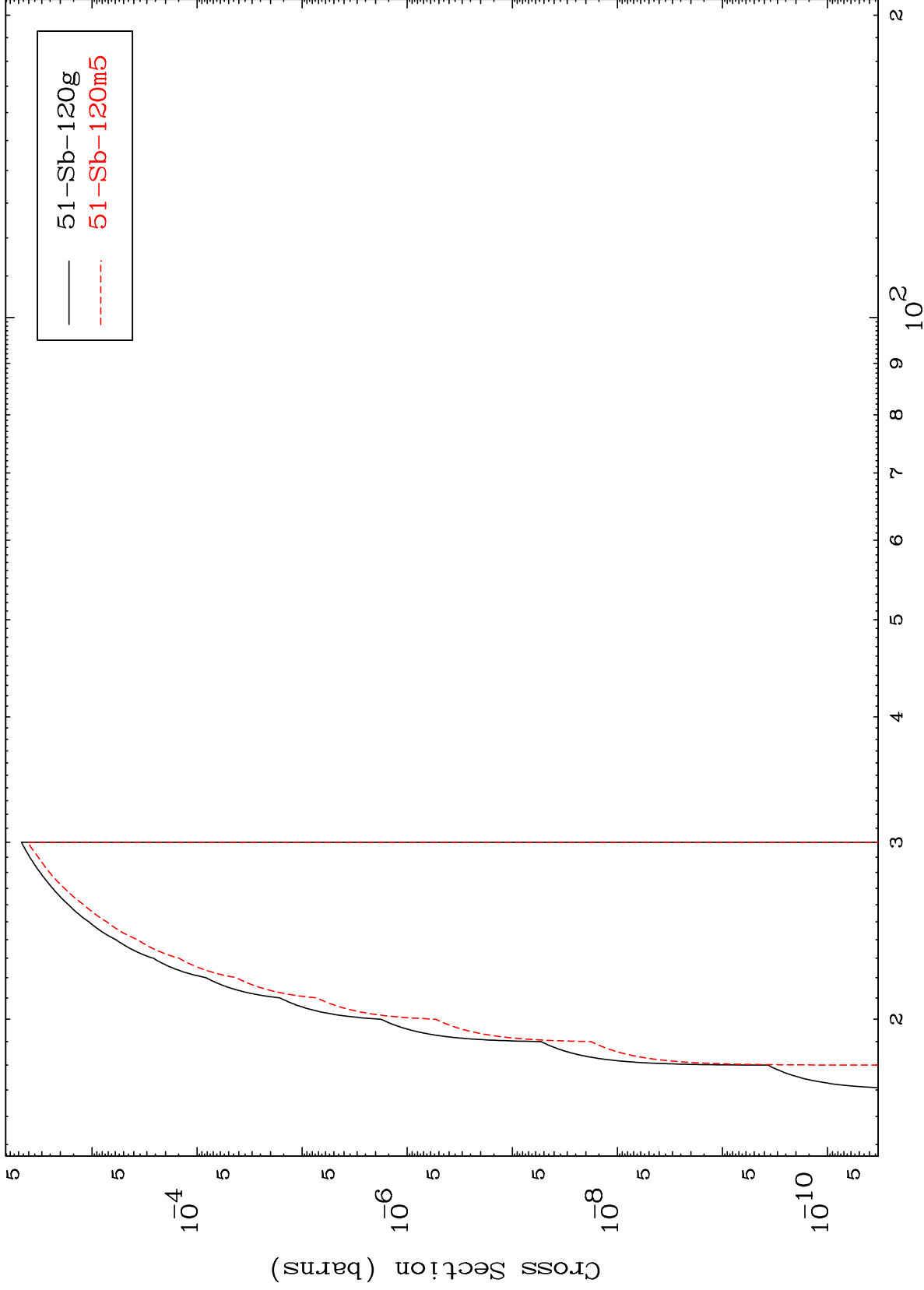
52-Te-122

MAT 5231

(n,n') d

52-Te-122

Radionuclide Production Cross Section



134

Incident Energy (MeV)

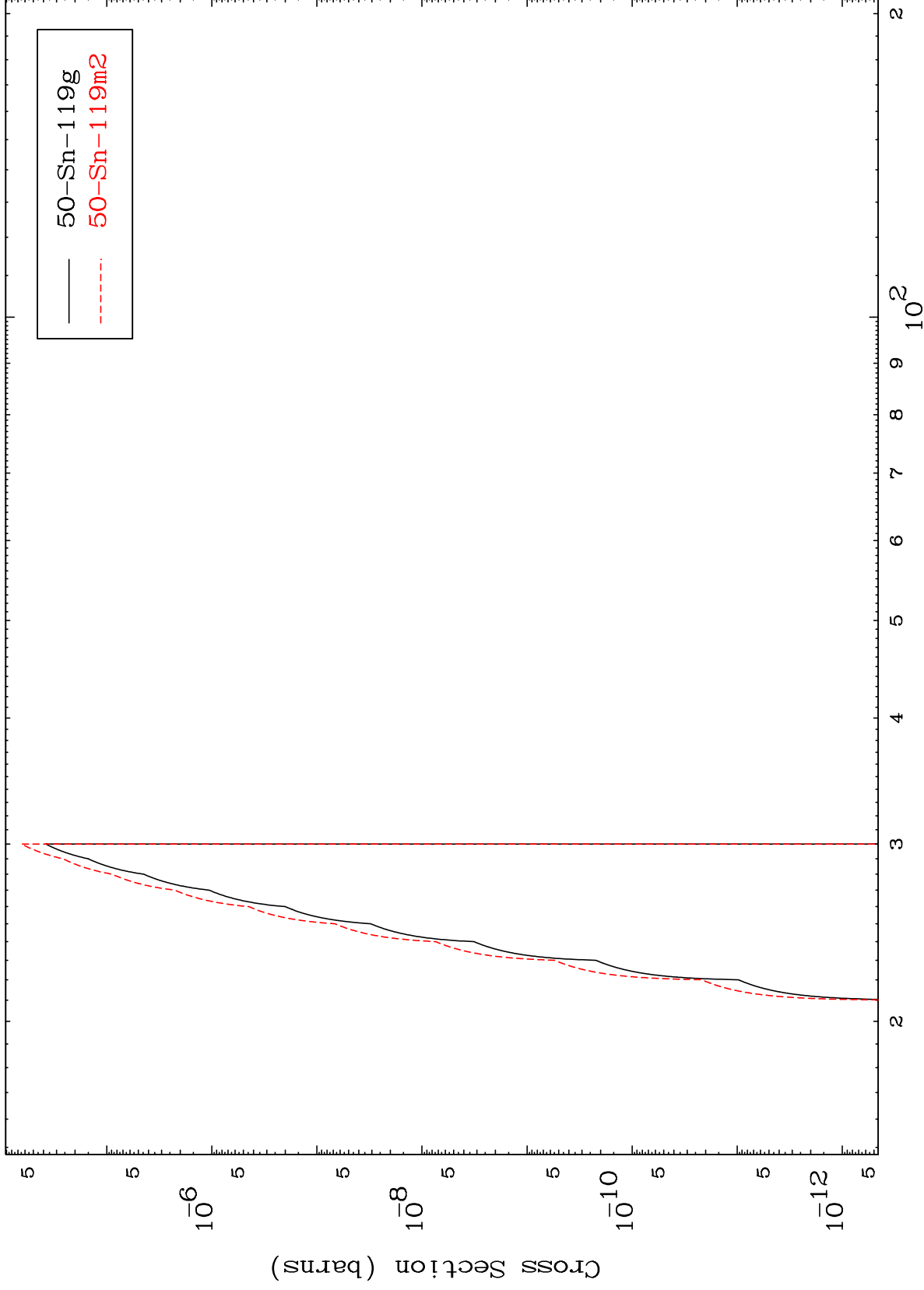
52-Te-122

MAT 5231

(n, n') He-3

52-Te-122

Radionuclide Production Cross Section



135

Incident Energy (MeV)

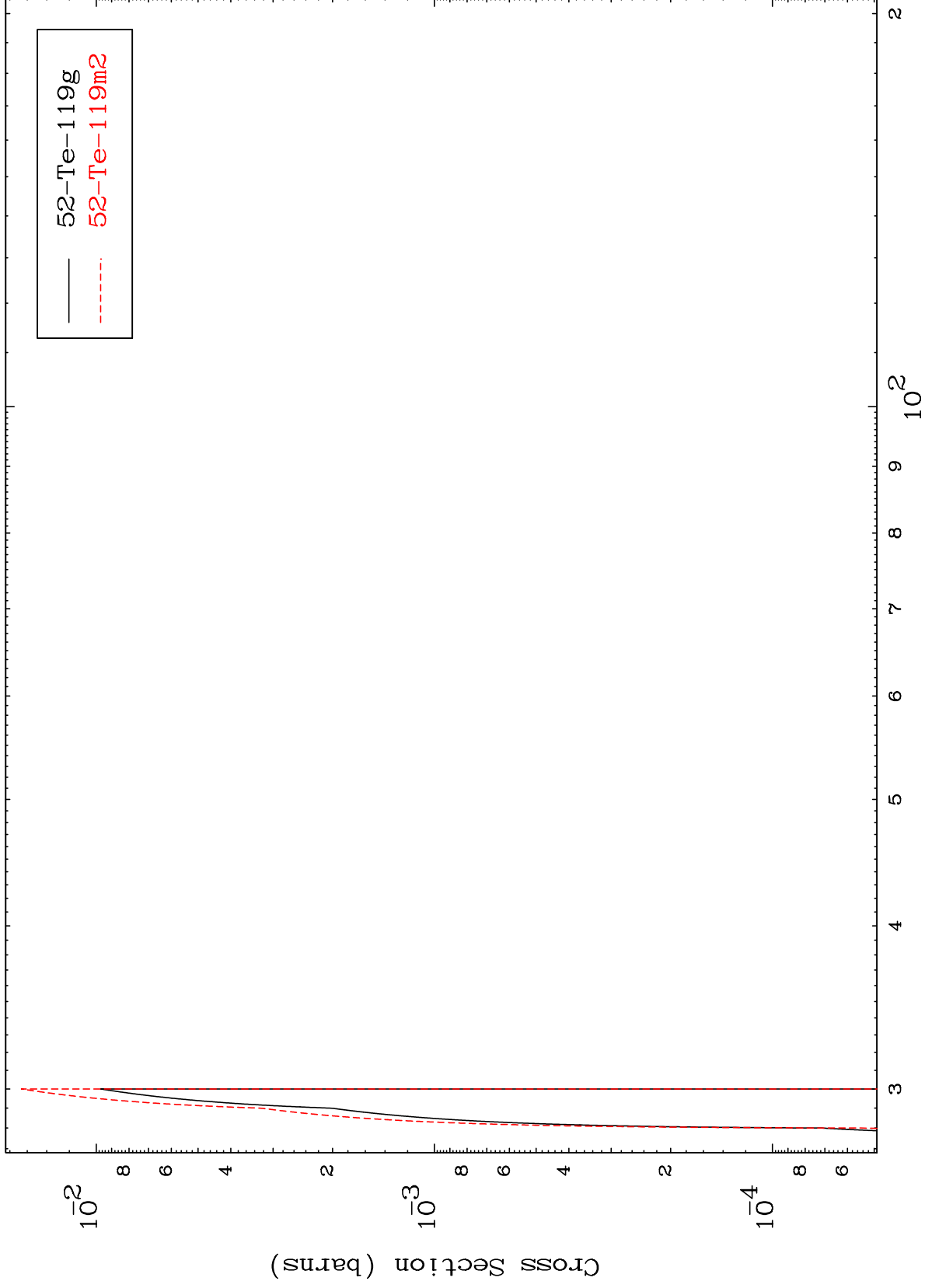
52-Te-122

MAT 5231

(n,4n)

⁵²Te-122

Radionuclide Production Cross Section



136

Incident Energy (MeV)

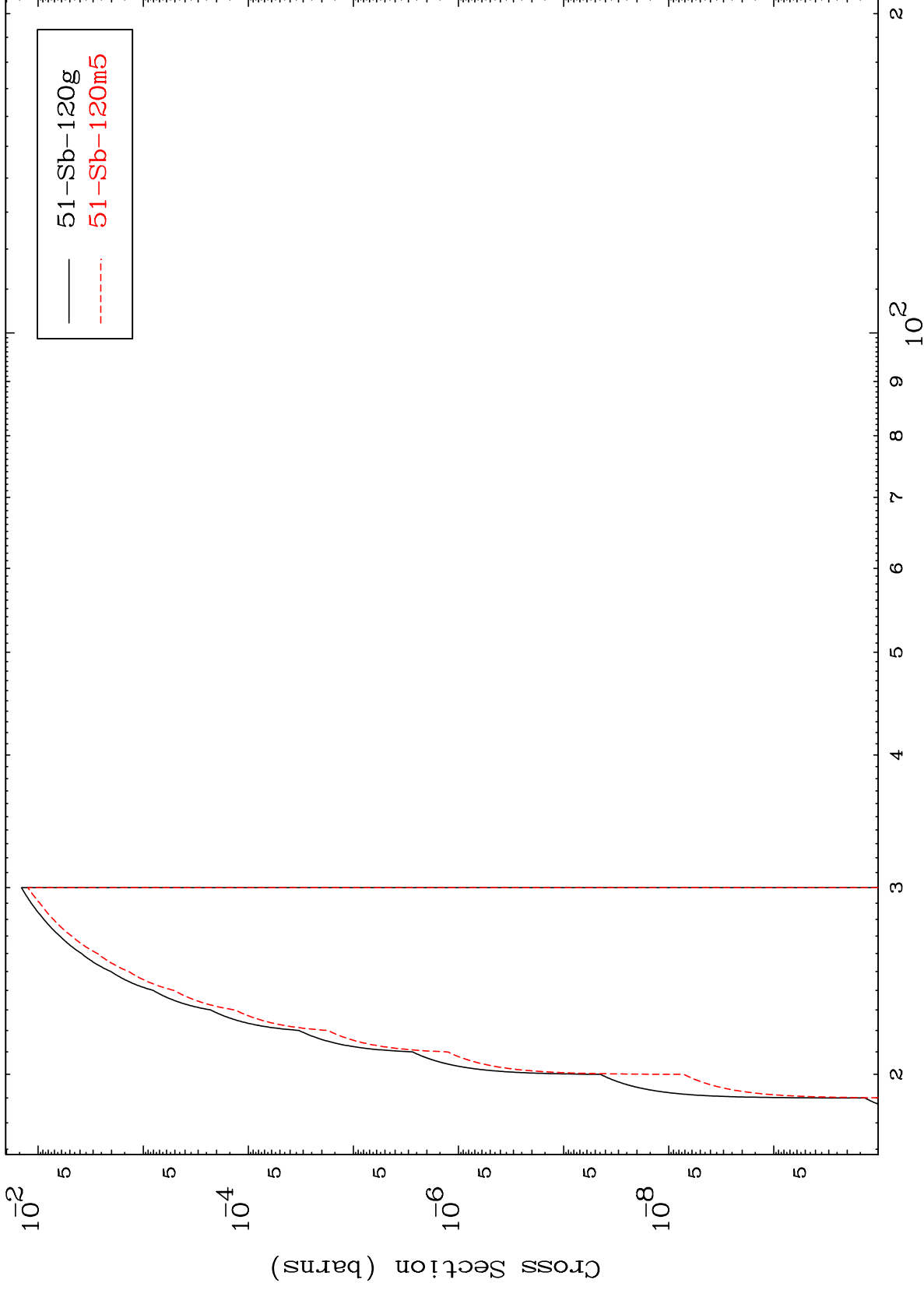
⁵²Te-122

MAT 5231

(n,2n) p

52-Te-122

Radionuclide Production Cross Section



137

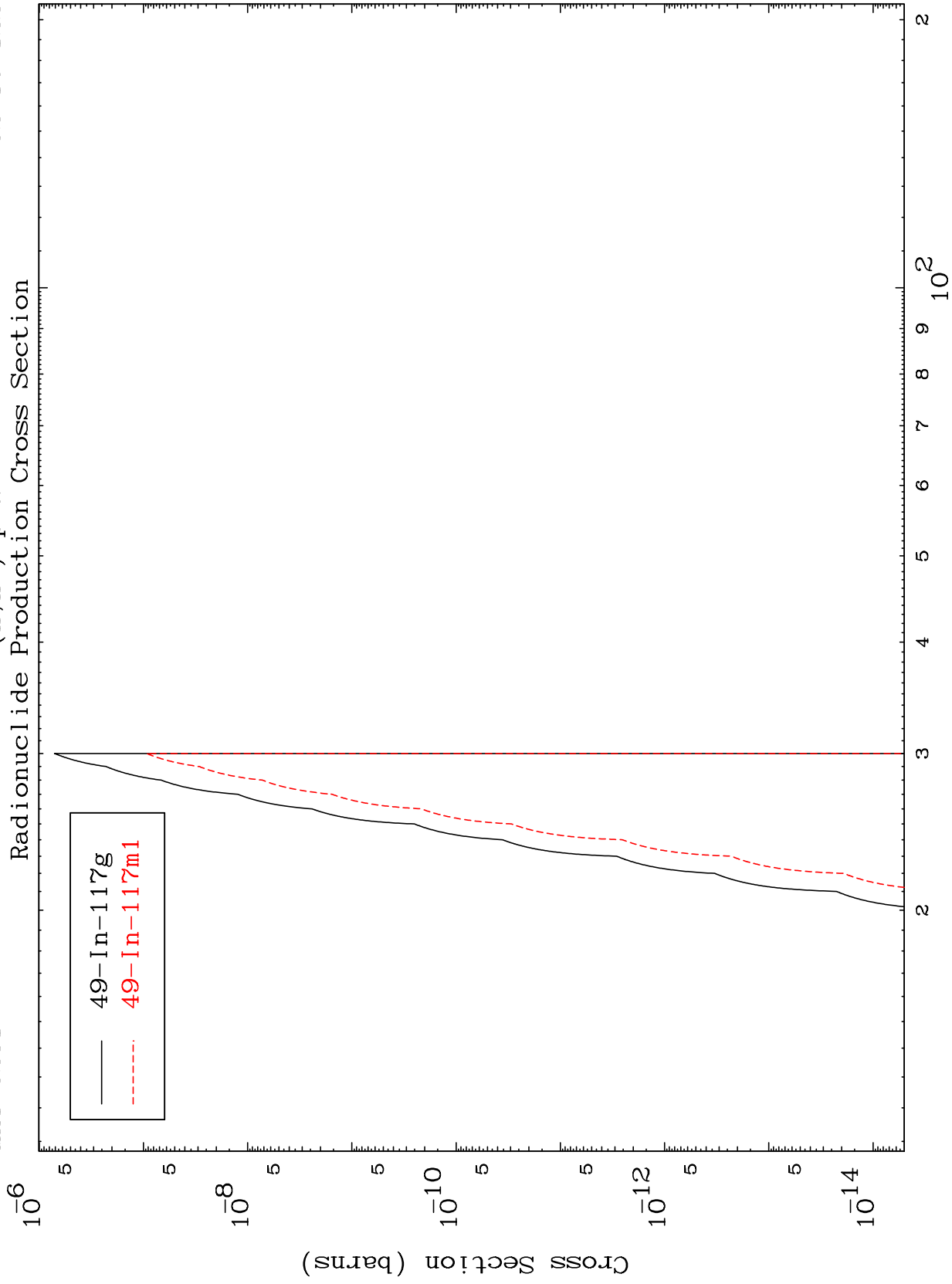
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

(n,n') p α
Radionuclide Production Cross Section



138

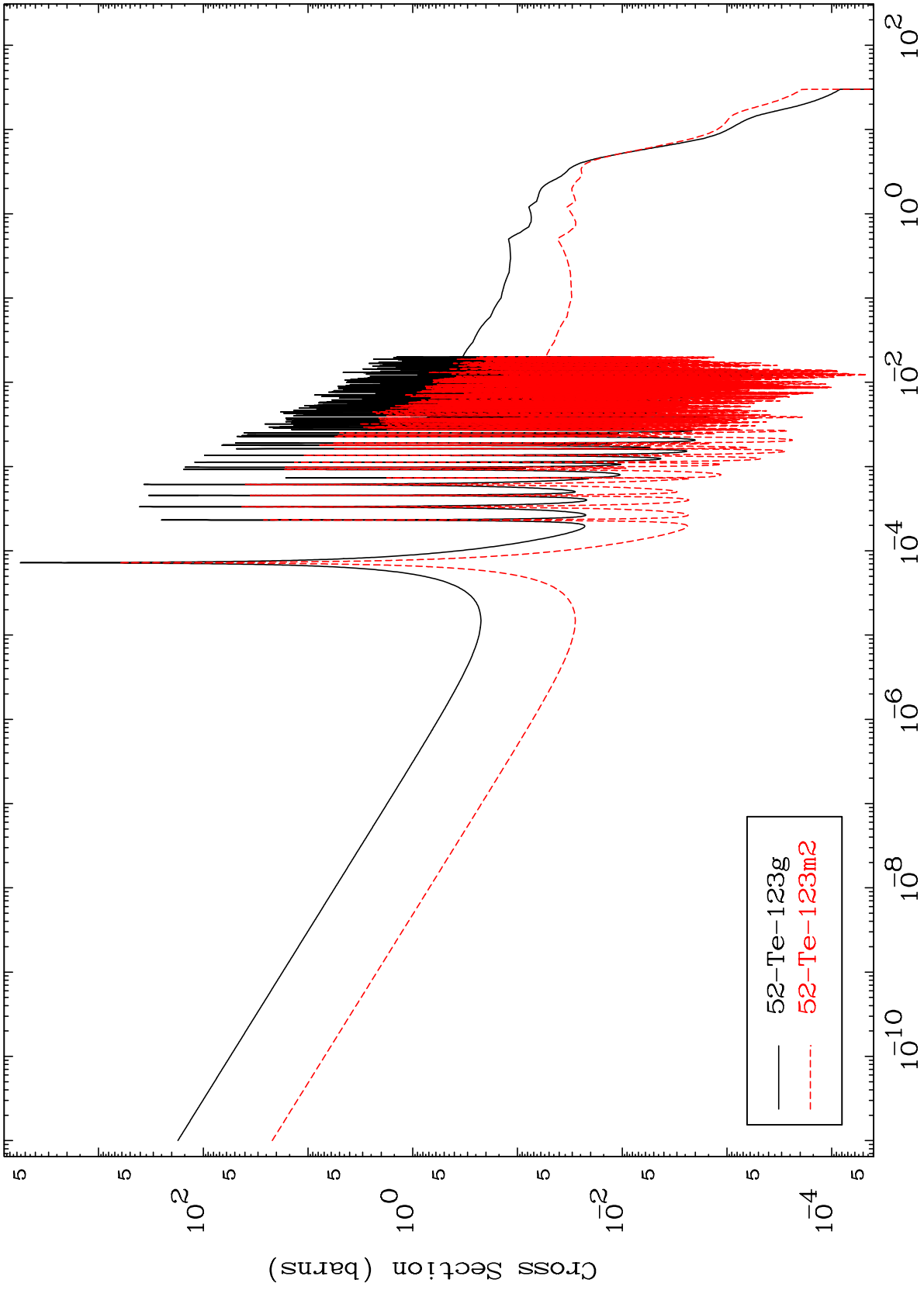
52-Te-122

Incident Energy (MeV)

MAT 5231

52-Te-122

(n,γ)
Radionuclide Production Cross Section



52-Te-122

Incident Energy (MeV)

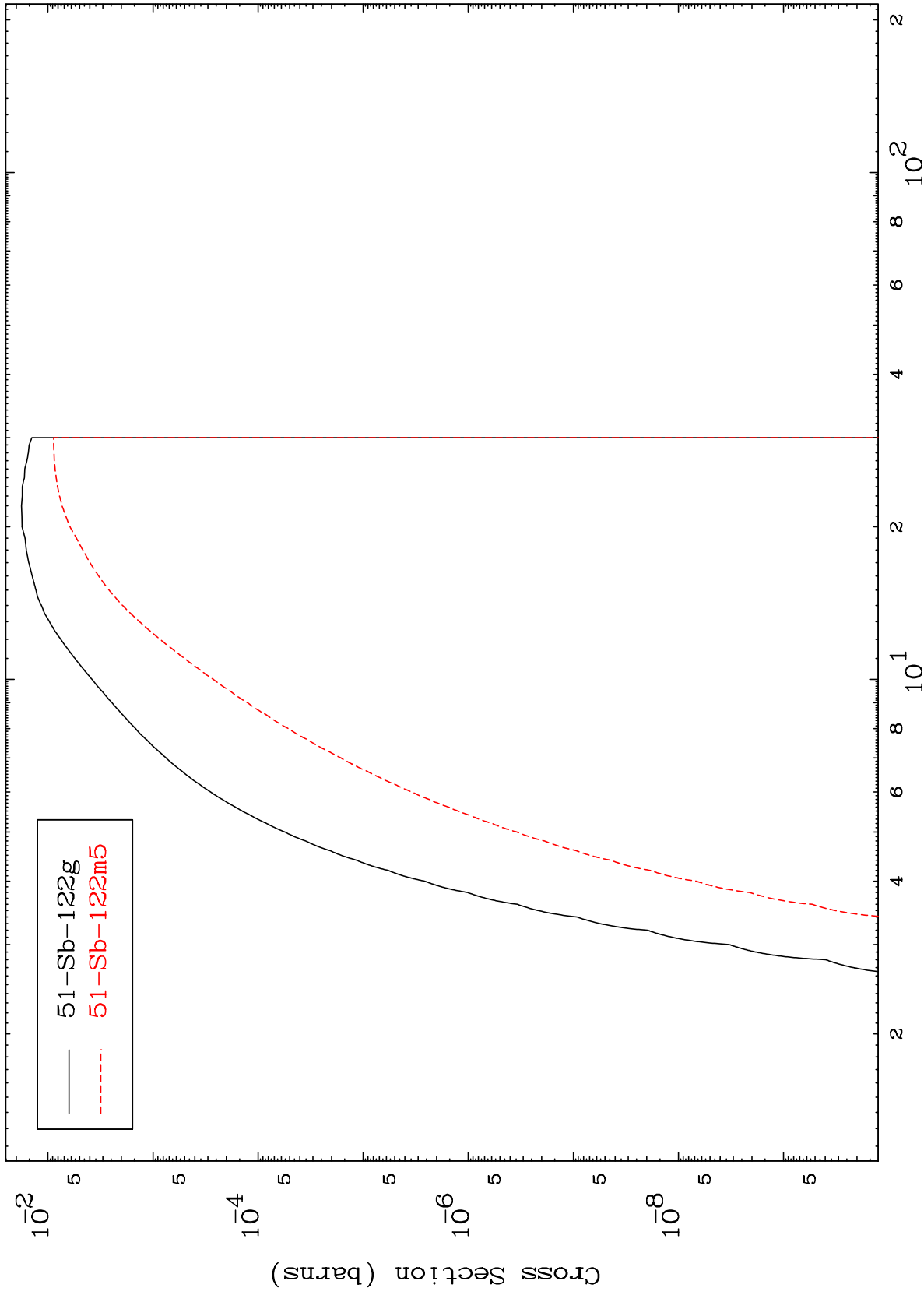
— 52-Te-123g
- - - 52-Te-123m2

139

MAT 5231

52-Te-122

(n,p)
Radionuclide Production Cross Section



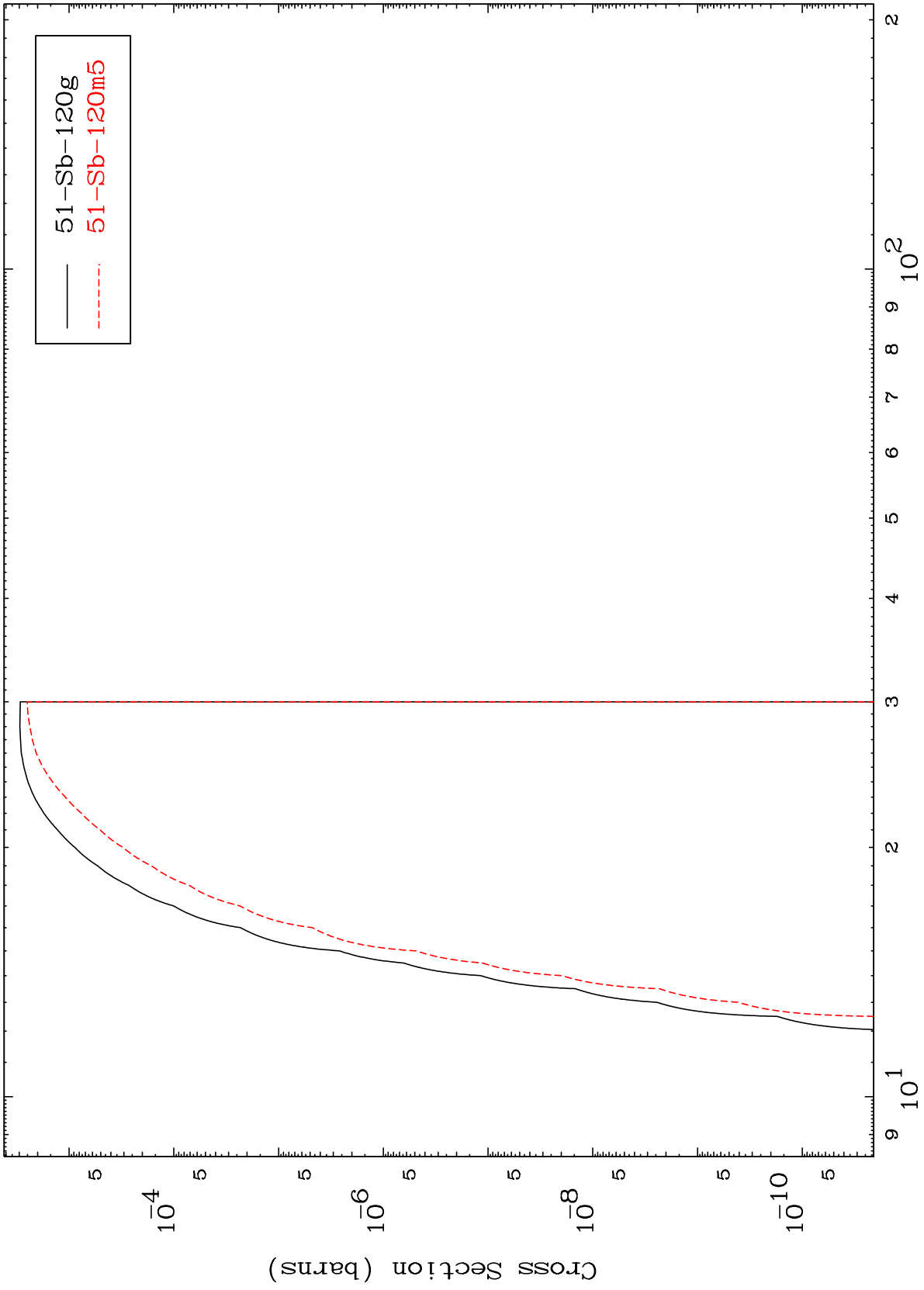
140

52-Te-122

MAT 5231

52-Te-122

(n, t)
Radionuclide Production Cross Section



141

Incident Energy (MeV)

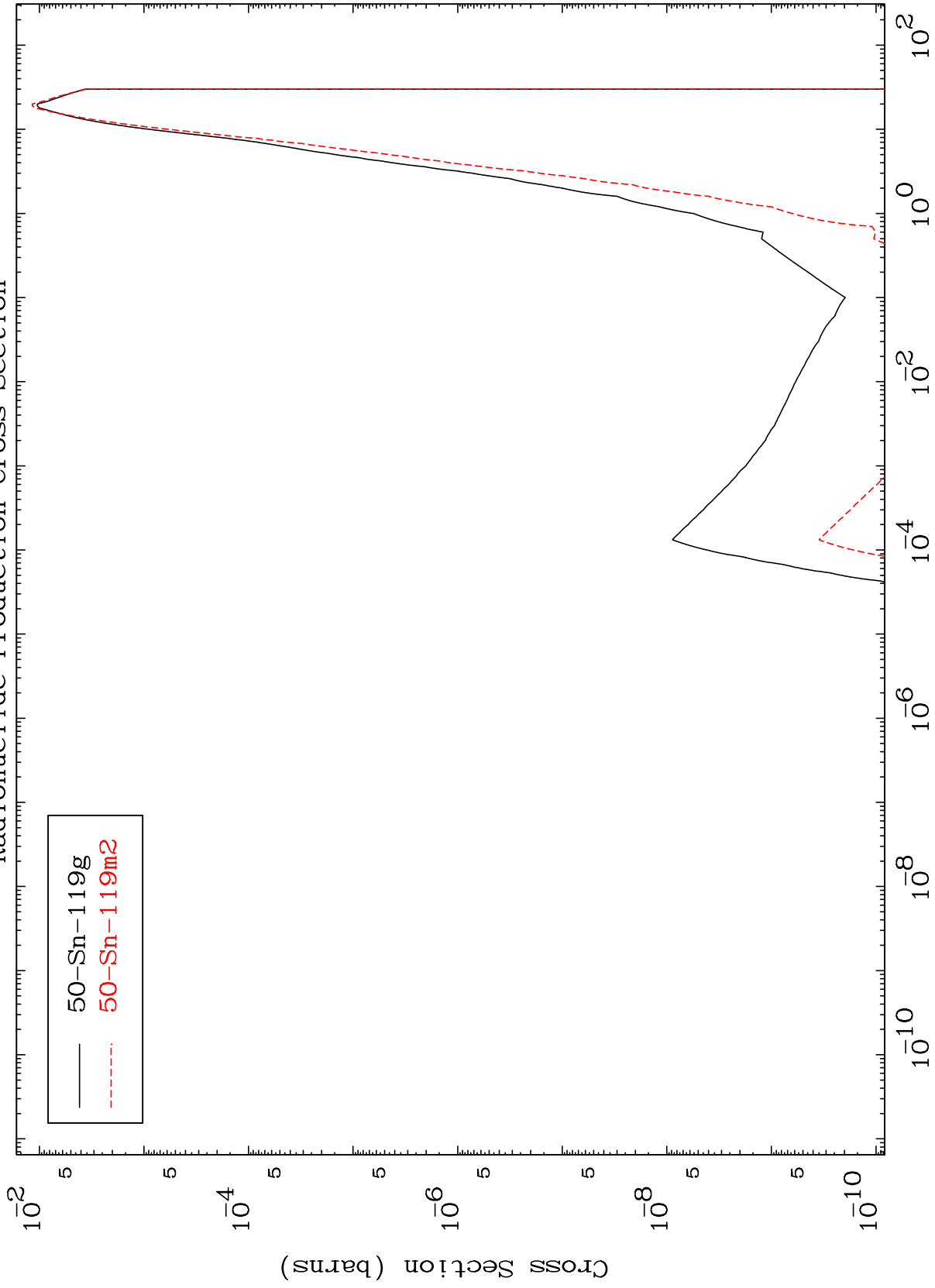
52-Te-122

MAT 5231

(n, α)

52-Te-122

Radionuclide Production Cross Section



142

Incident Energy (MeV)

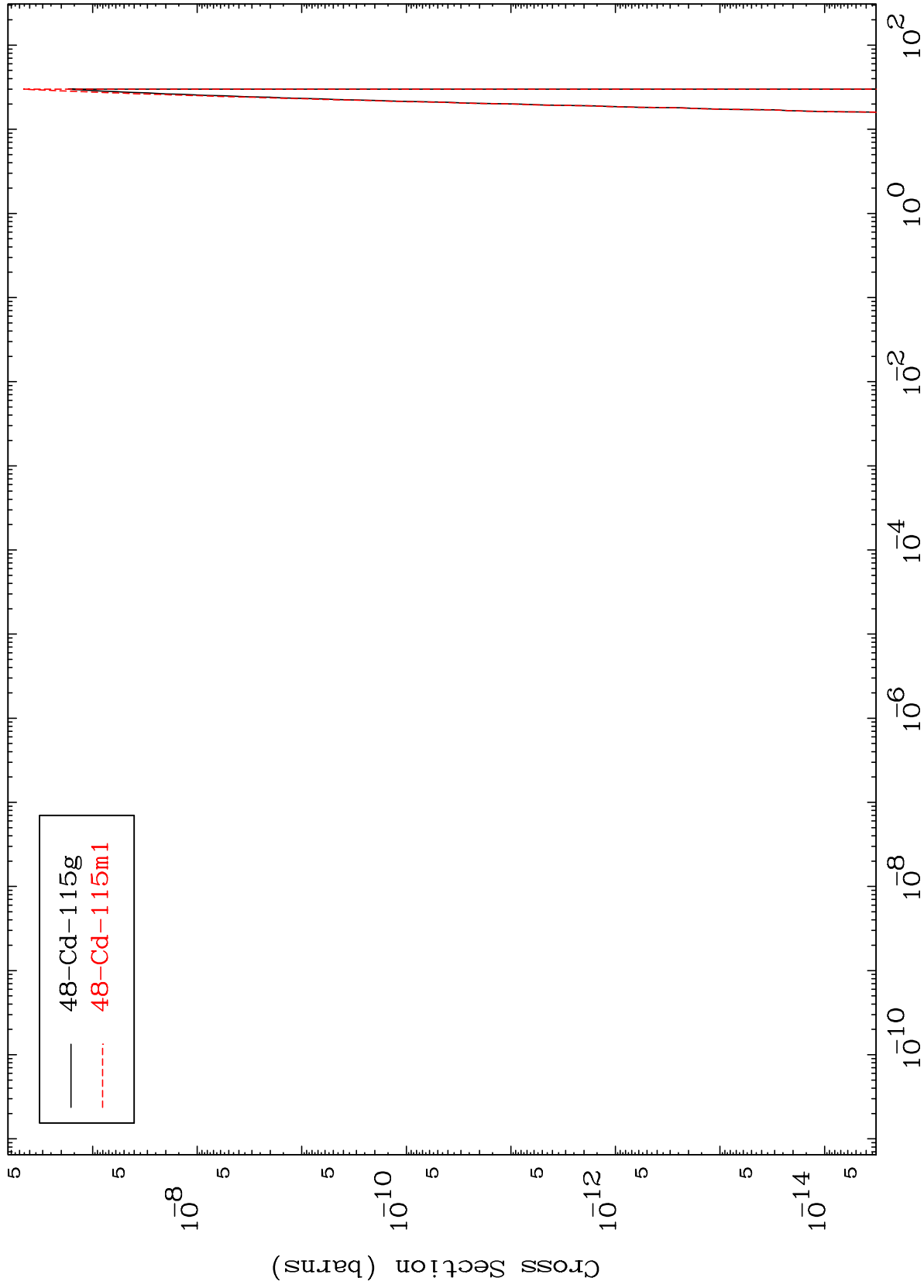
52-Te-122

MAT 5231

(n,2α)

52-Te-122

Radionuclide Production Cross Section



143

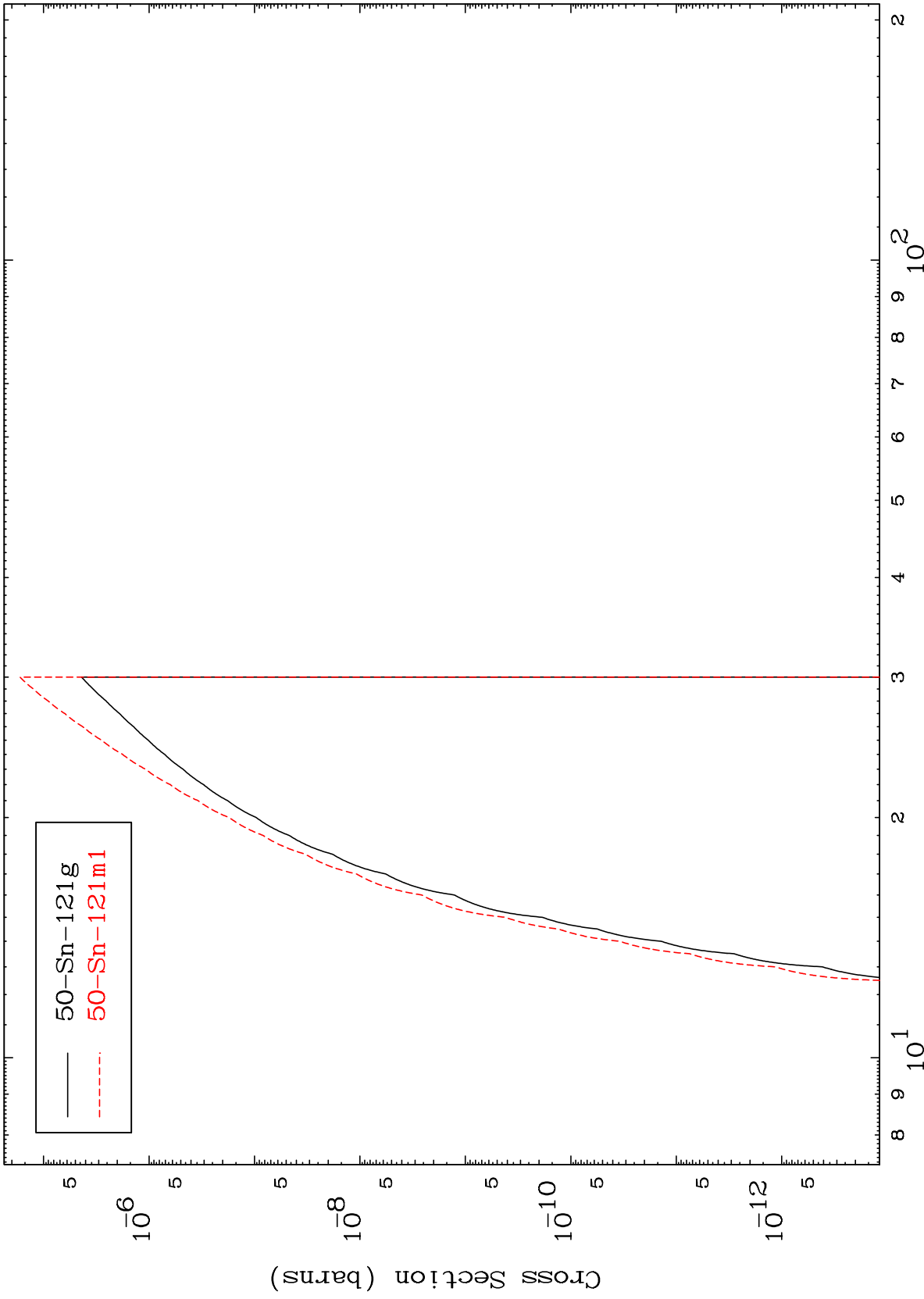
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

Radionuclide Production Cross Section
(n,2p)



144

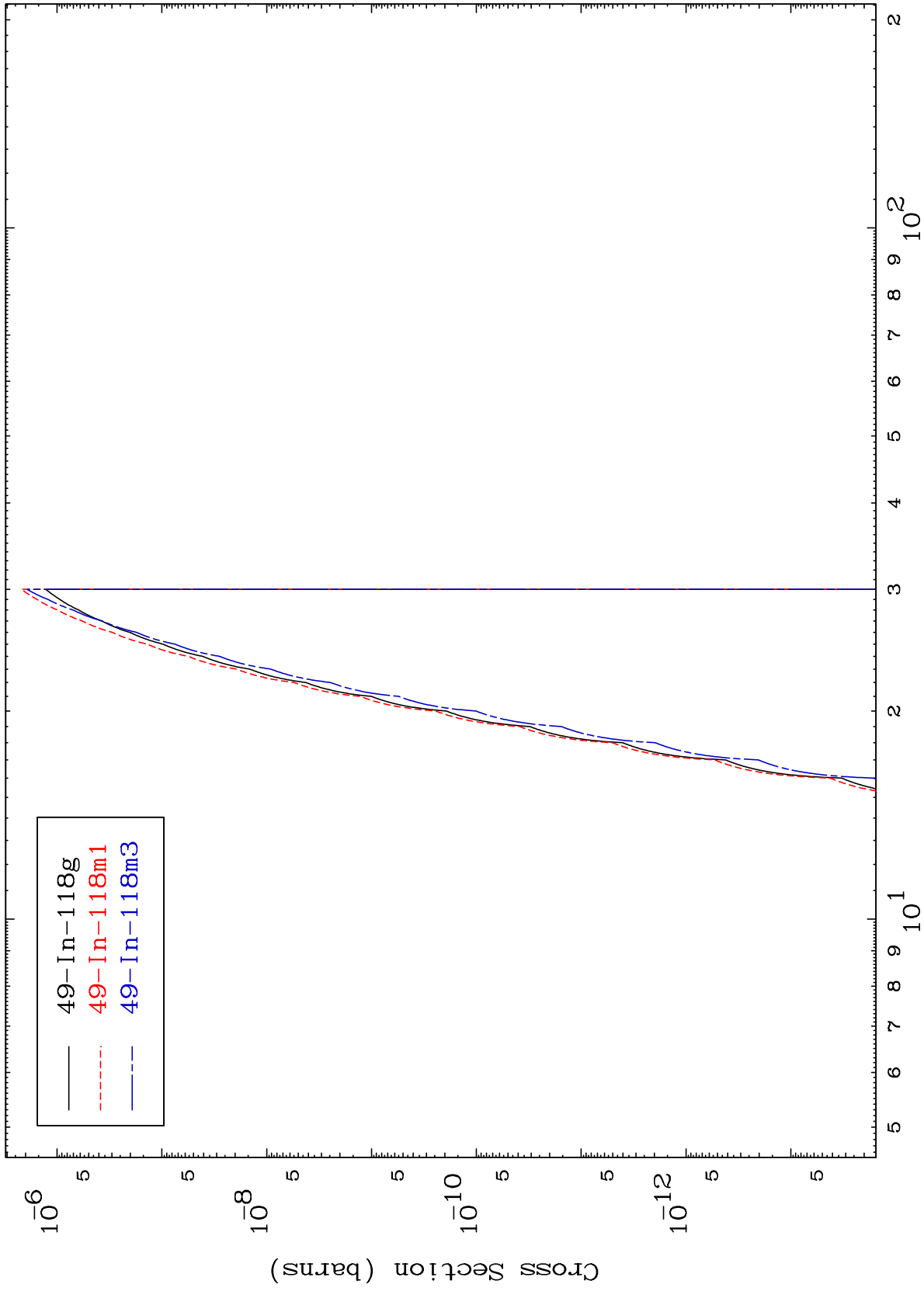
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

(n,p) α
Radionuclide Production Cross Section



145

Incident Energy (MeV)

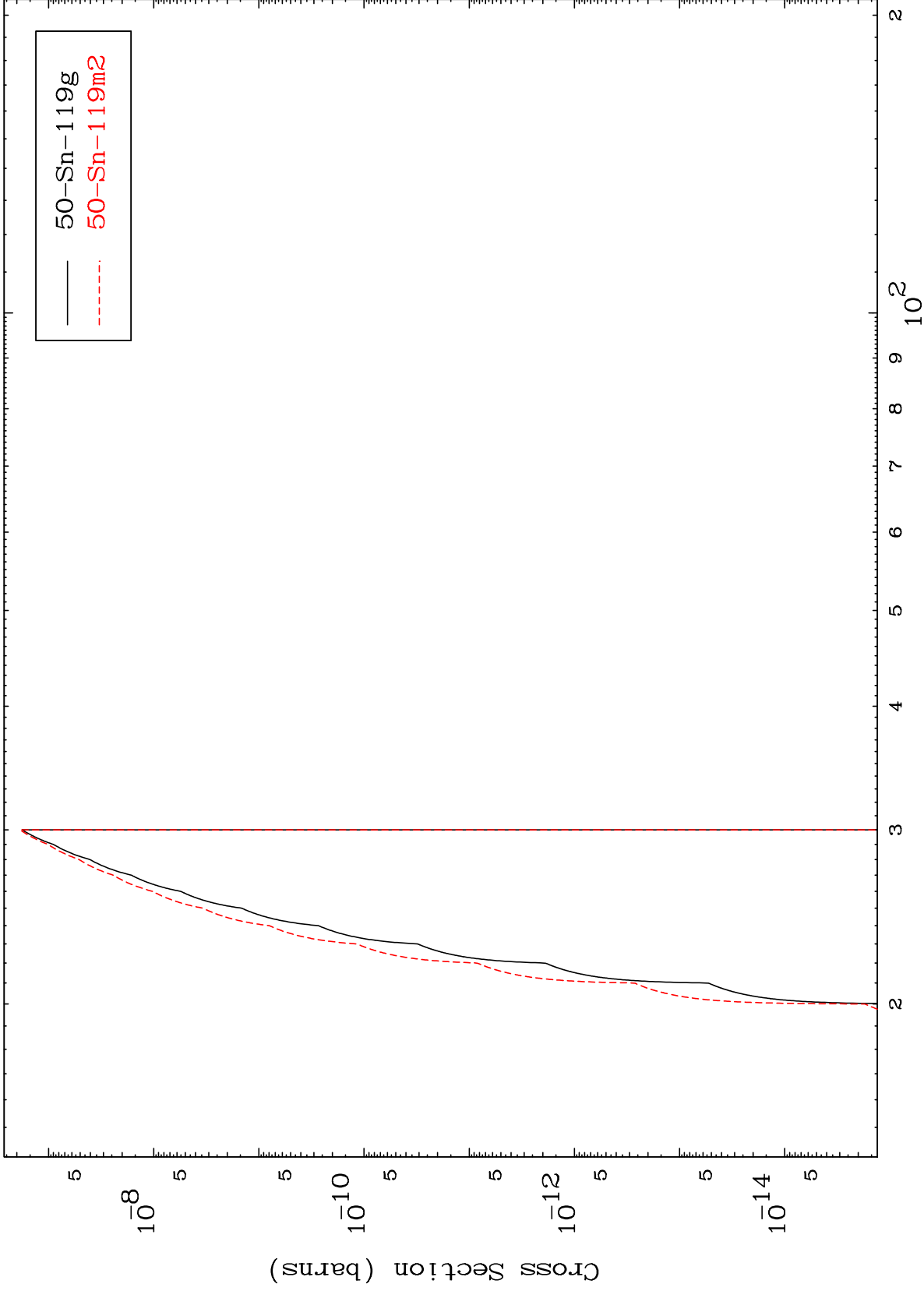
52-Te-122

MAT 5231

(n,p) t

52-Te-122

Radionuclide Production Cross Section



146

Incident Energy (MeV)

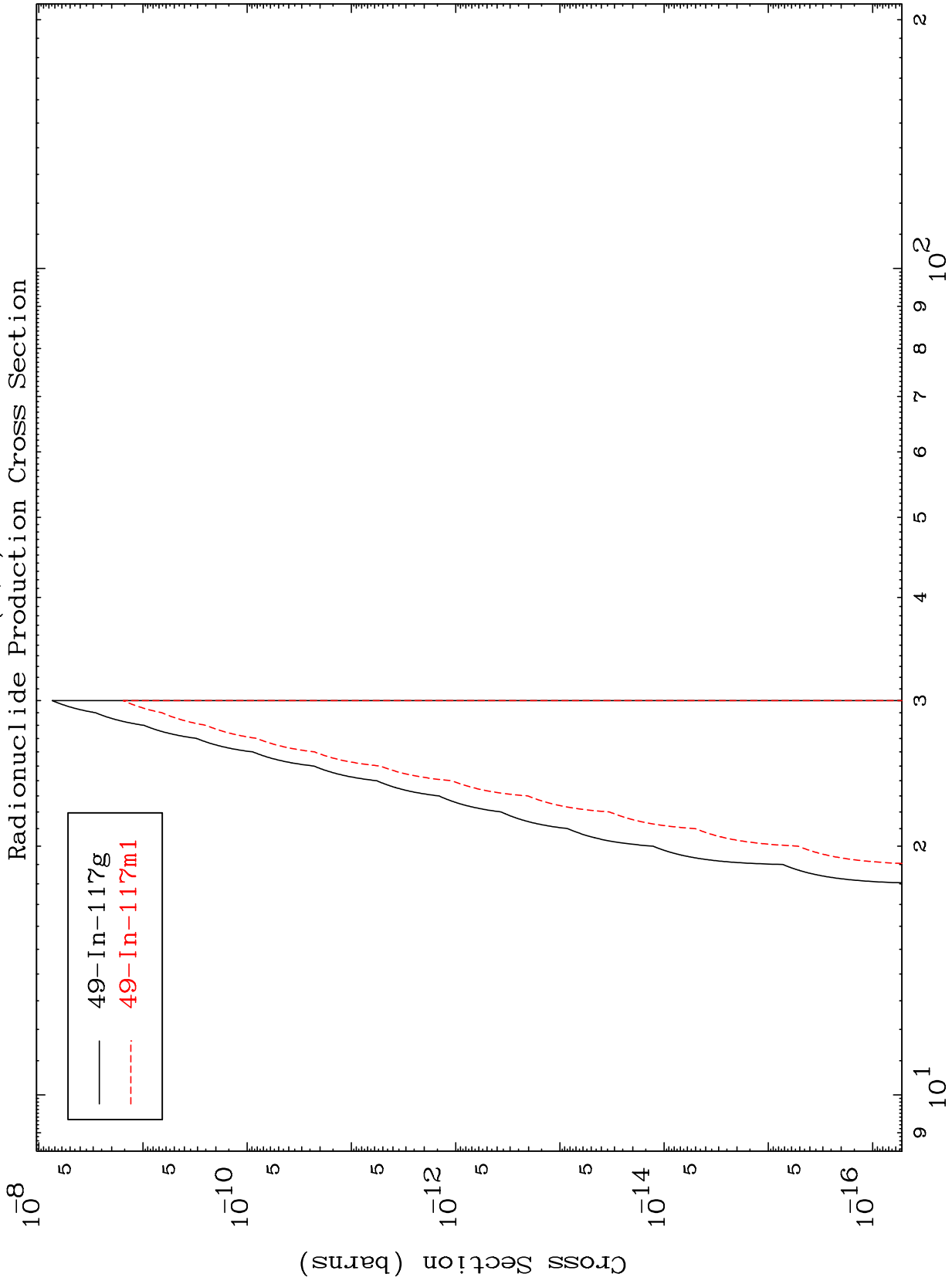
52-Te-122

MAT 5231

(n,d) α

52-Te-122

Radionuclide Production Cross Section



49-In-117g
49-In-117m1

147

Incident Energy (MeV)

52-Te-122