

Program EVALPLOT
(Version 2018-1)

by

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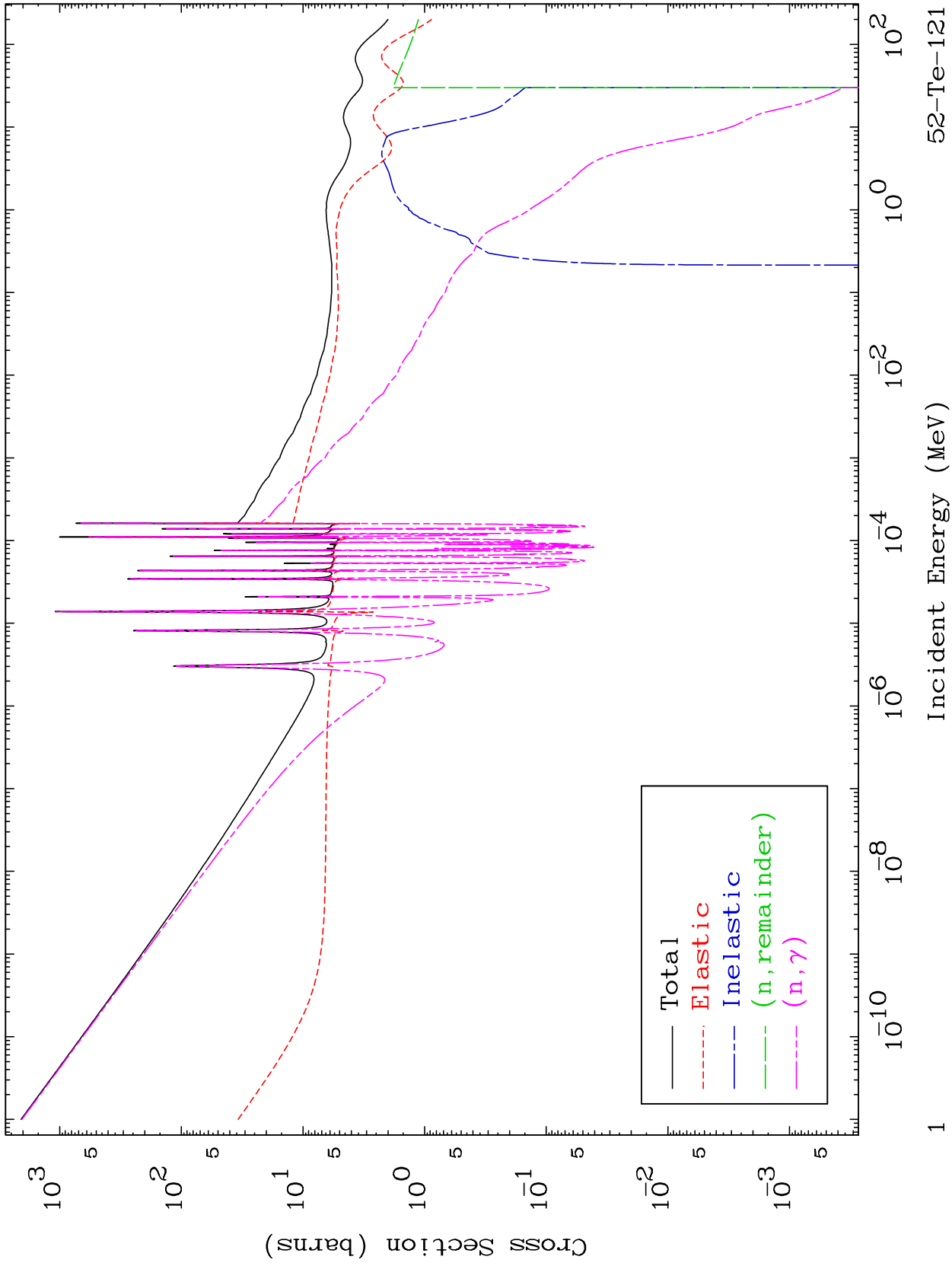
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5228

Major
293 Kelvin Cross Sections

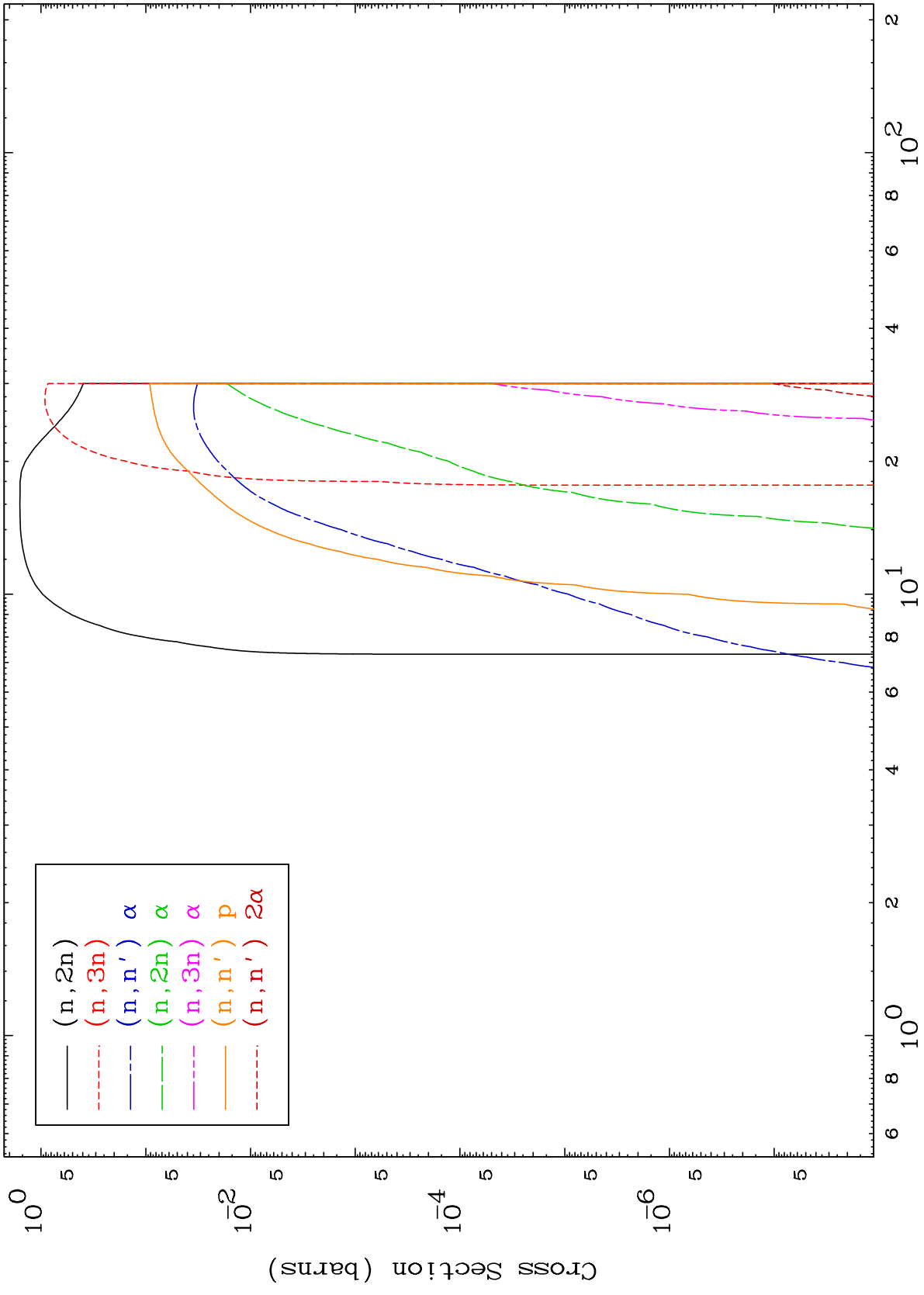
52-Te-121



MAT 5228

Neutron Production
293 Kelvin Cross Sections

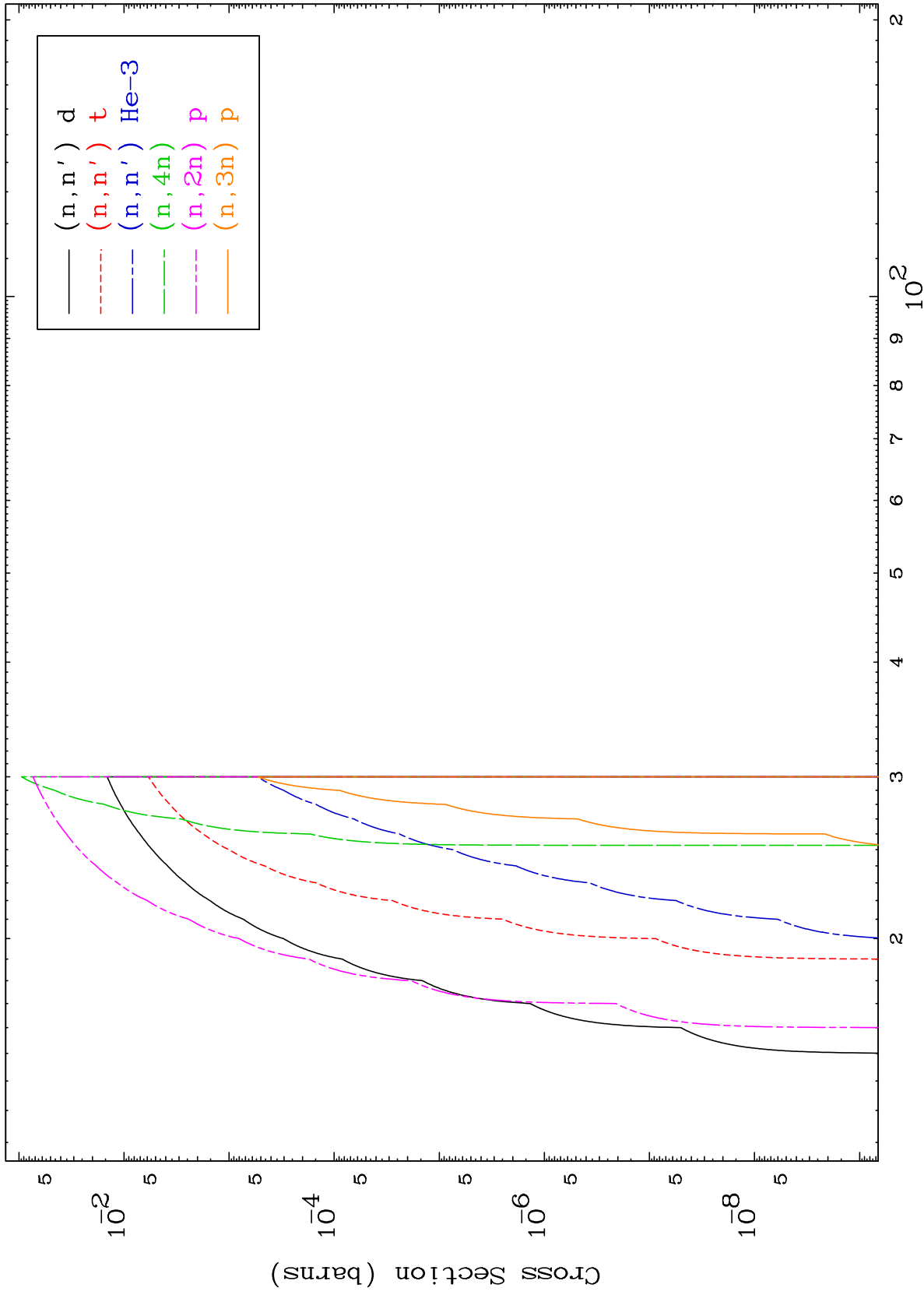
52-Te-121



2

Incident Energy (MeV)

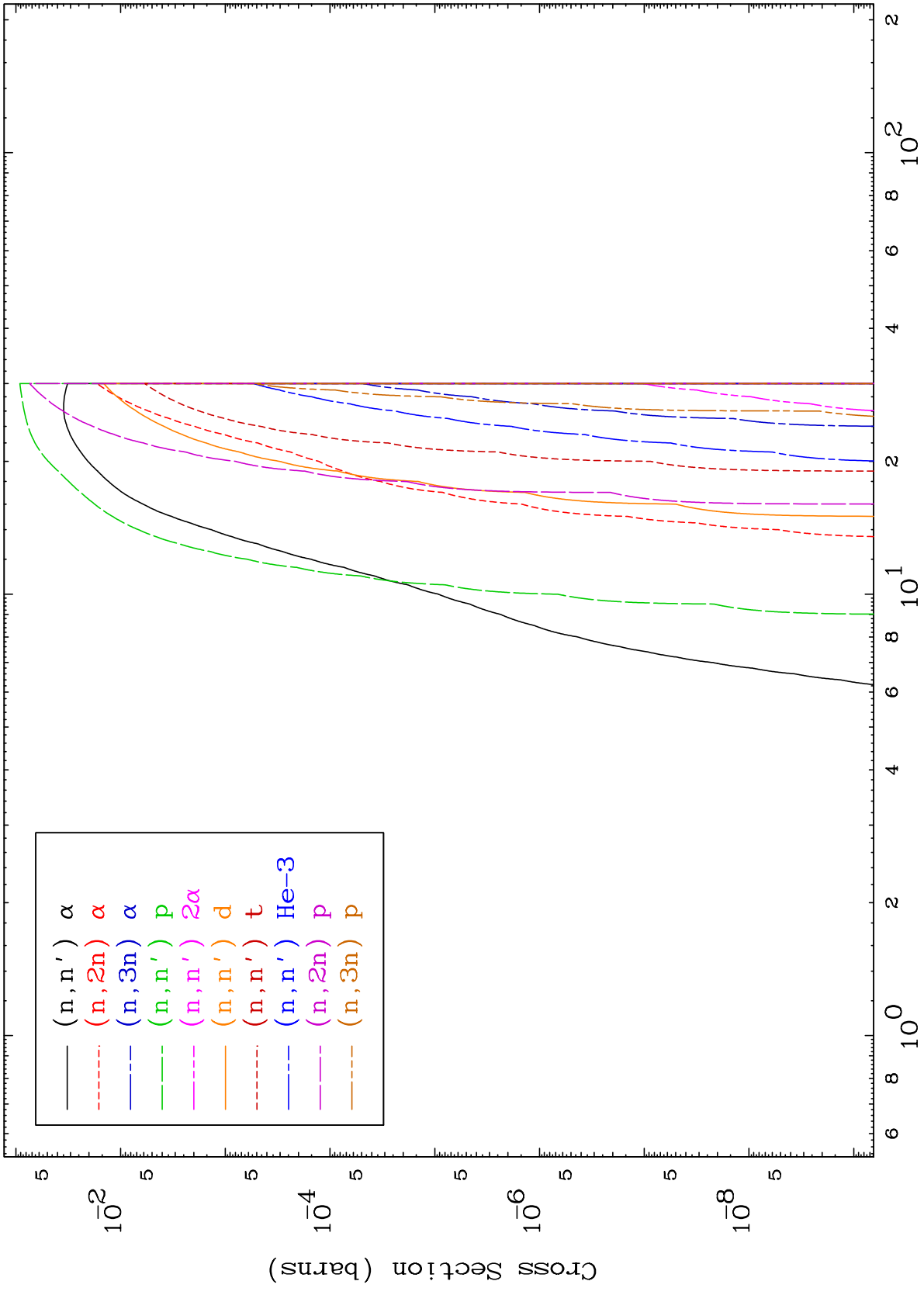
52-Te-121



MAT 5228

293 Kelvin Cross Sections

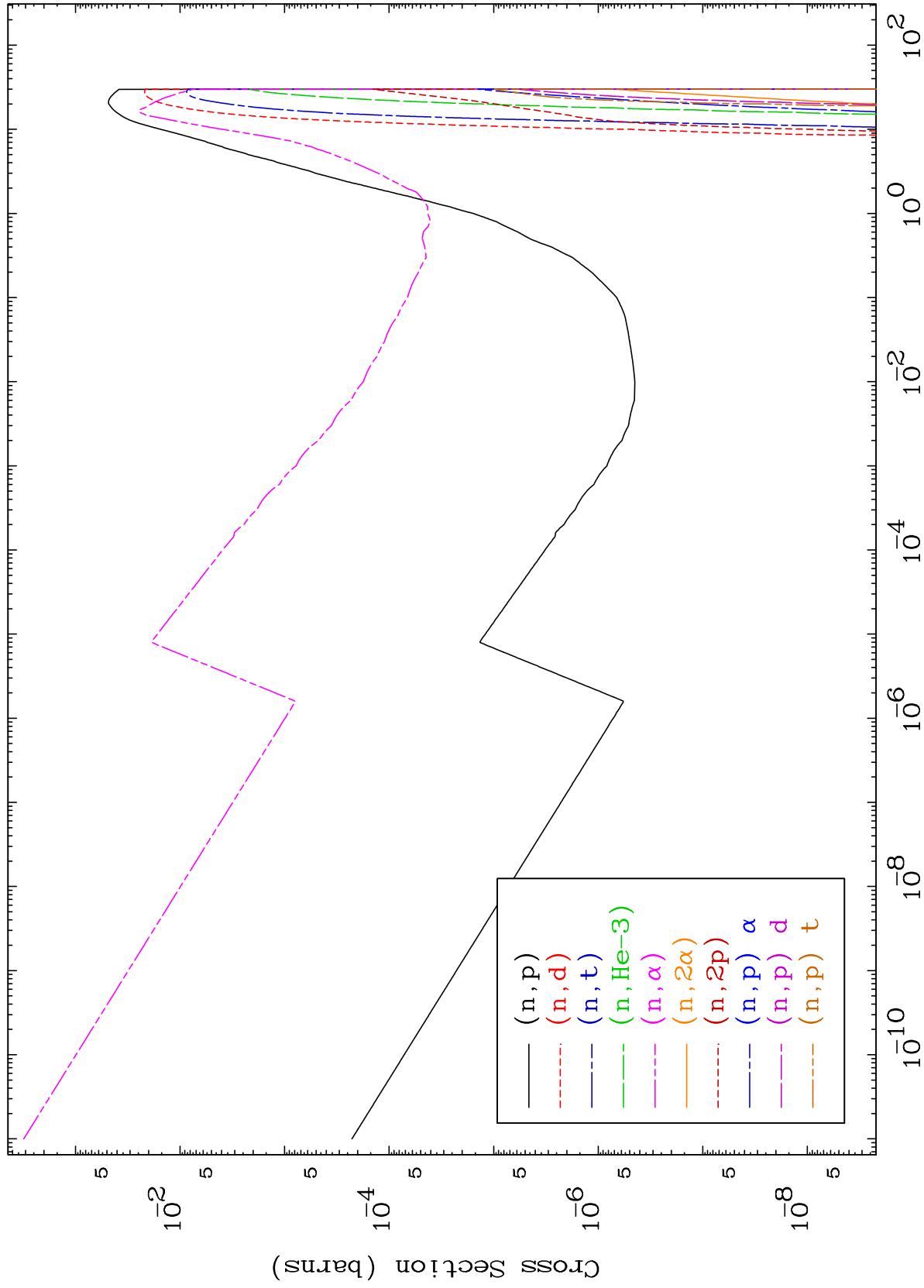
52-Te-121



MAT 5228

293 Kelvin Cross Sections

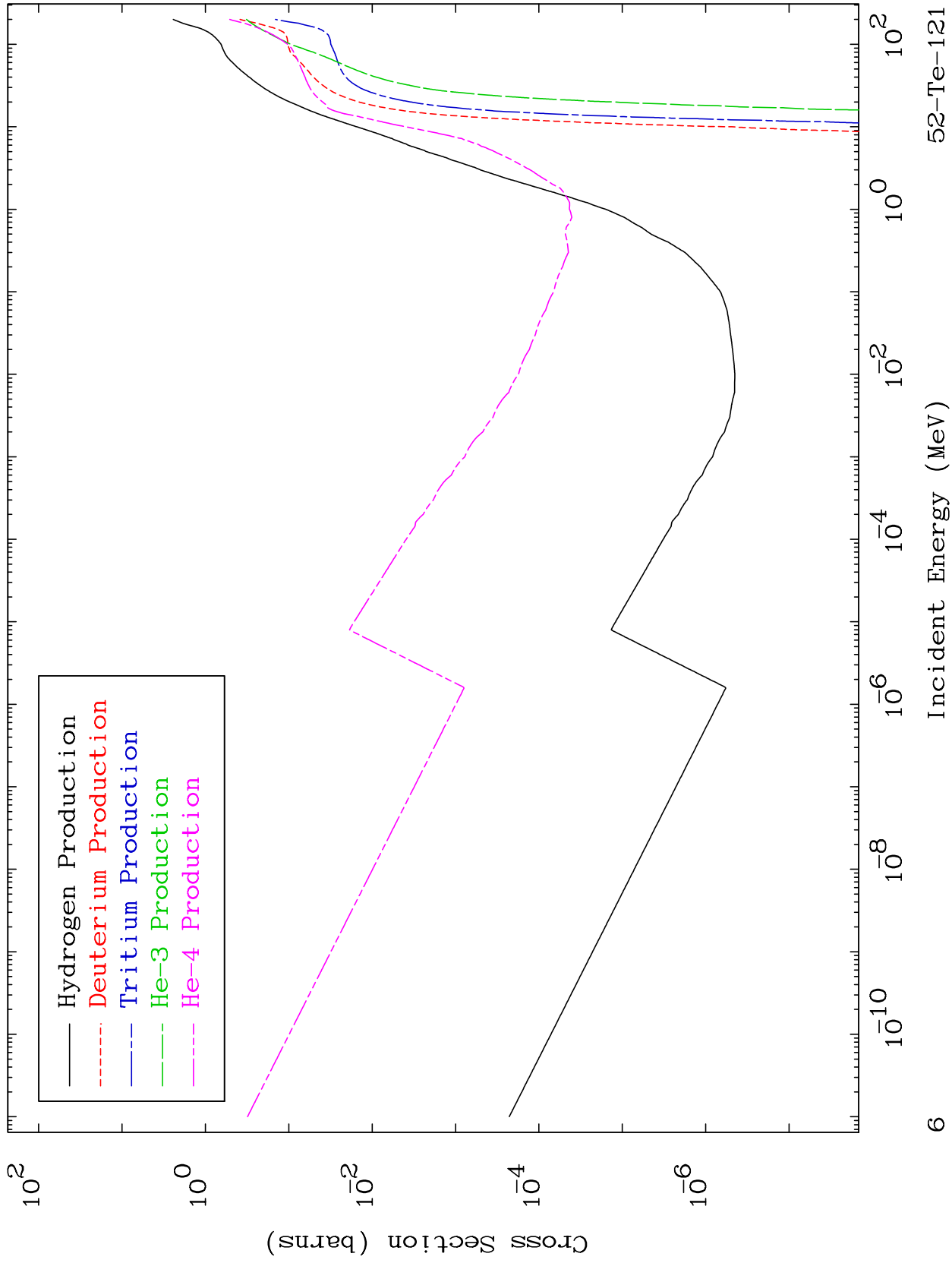
52-Te-121



MAT 5228

Particle Production
293 Kelvin Cross Sections

52-Te-121

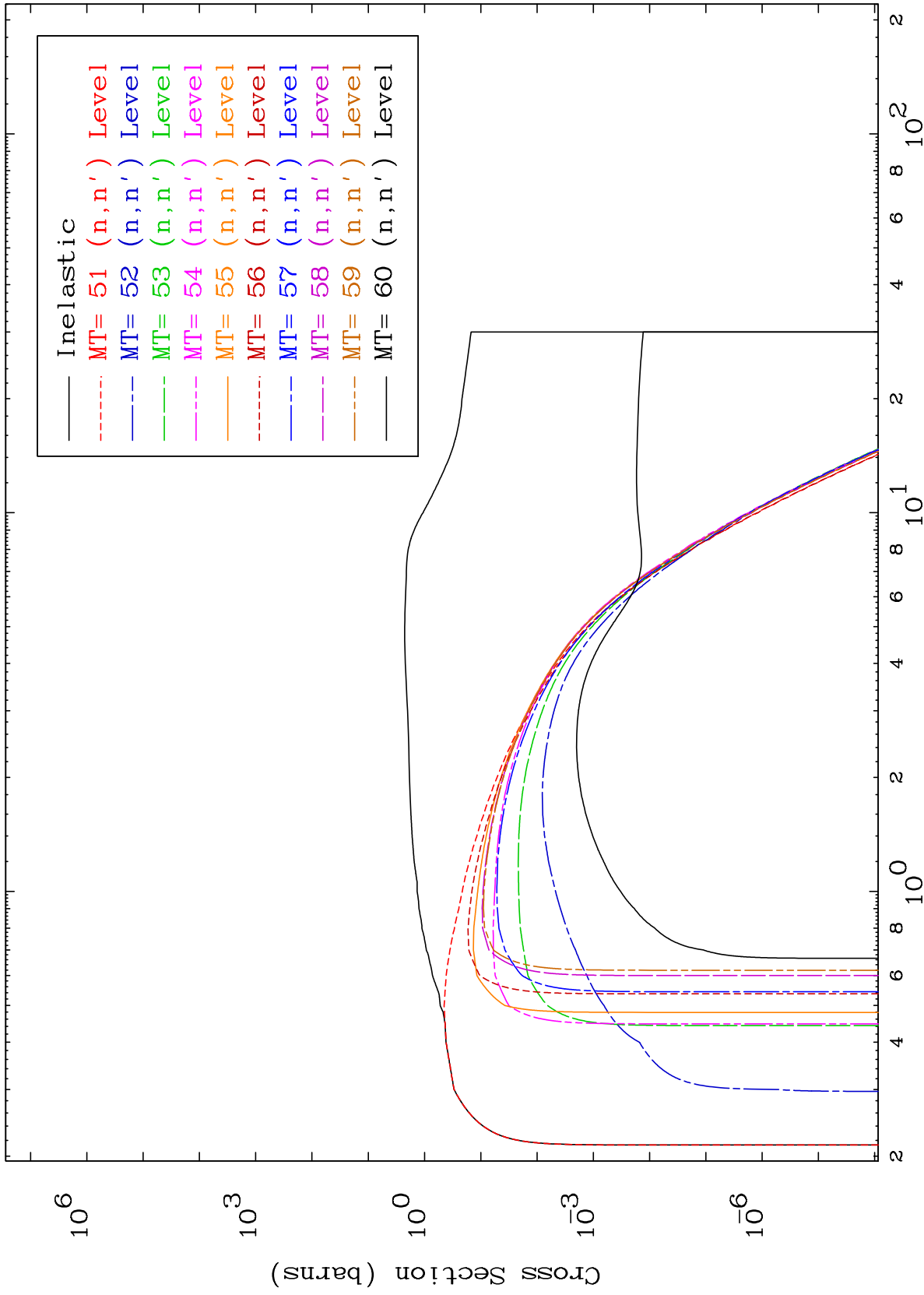


MAT 5228

(n,n') Level

52-Te-121

293 Kelvin Cross Sections



7

Incident Energy (MeV)

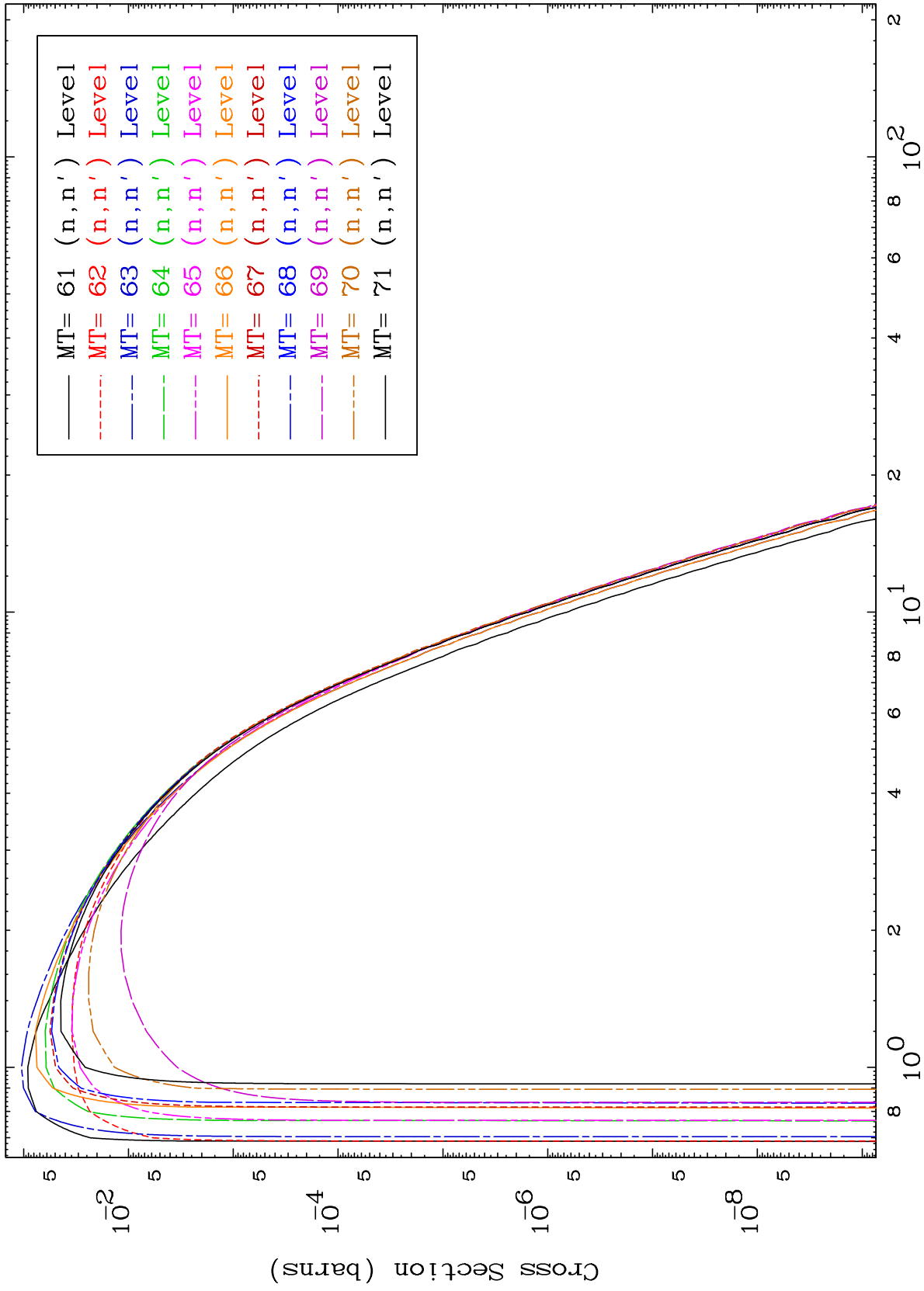
52-Te-121

MAT 5228

(n,n') Level

52-Te-121

293 Kelvin Cross Sections



8

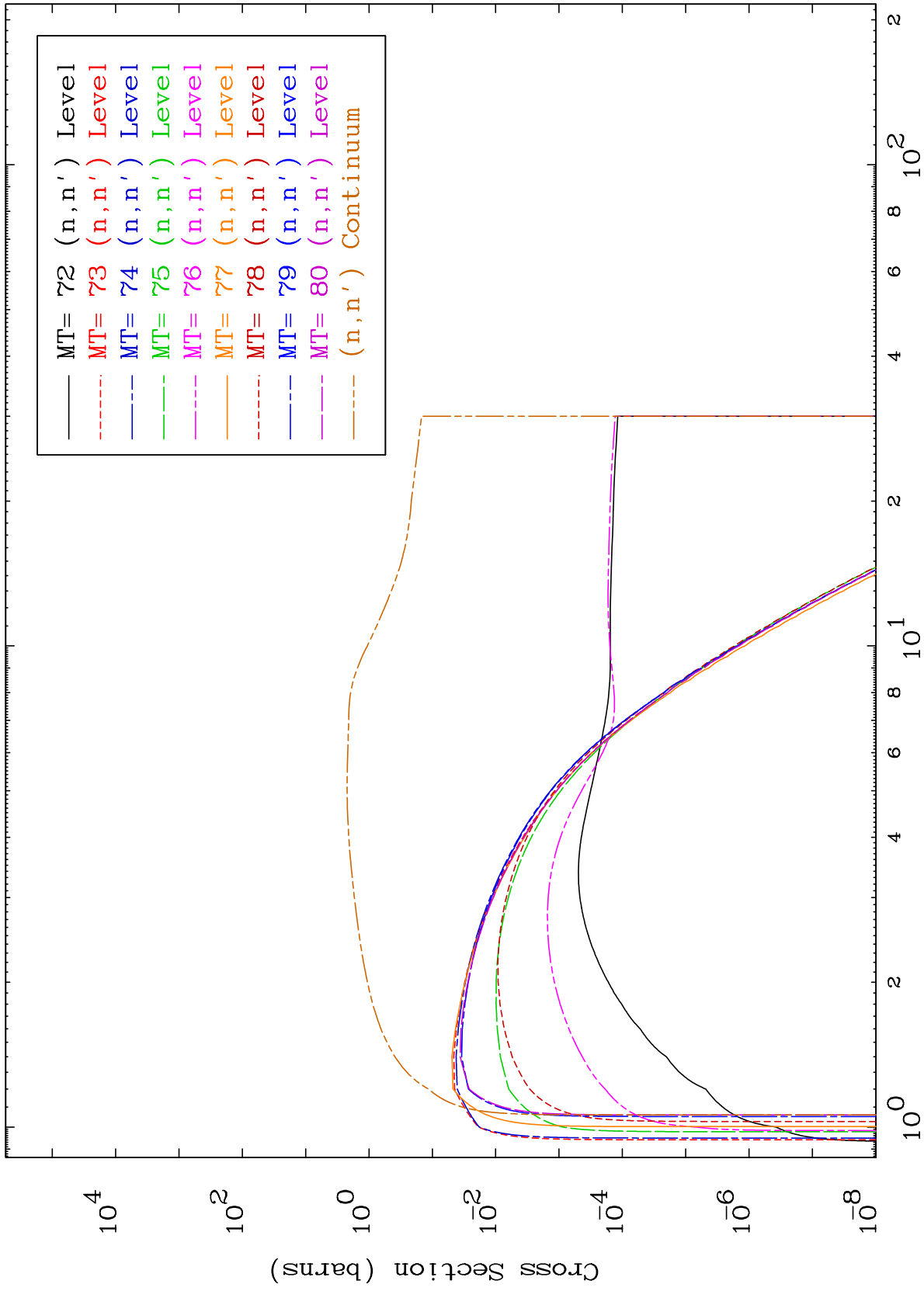
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,n') Level
293 Kelvin Cross Sections

52-Te-121



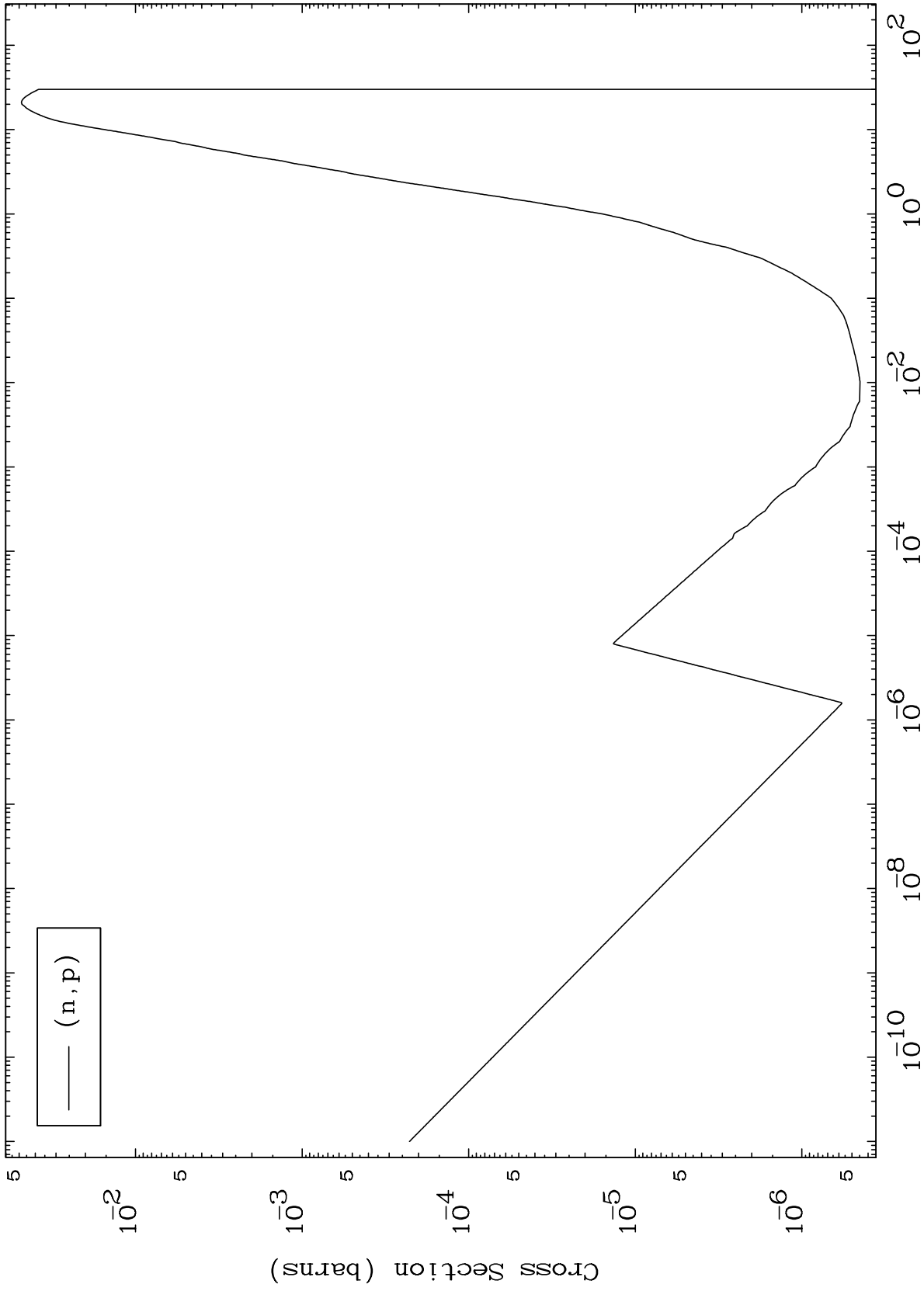
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,p) Levels
293 Kelvin Cross Sections

52-Te-121



(n,p)

10

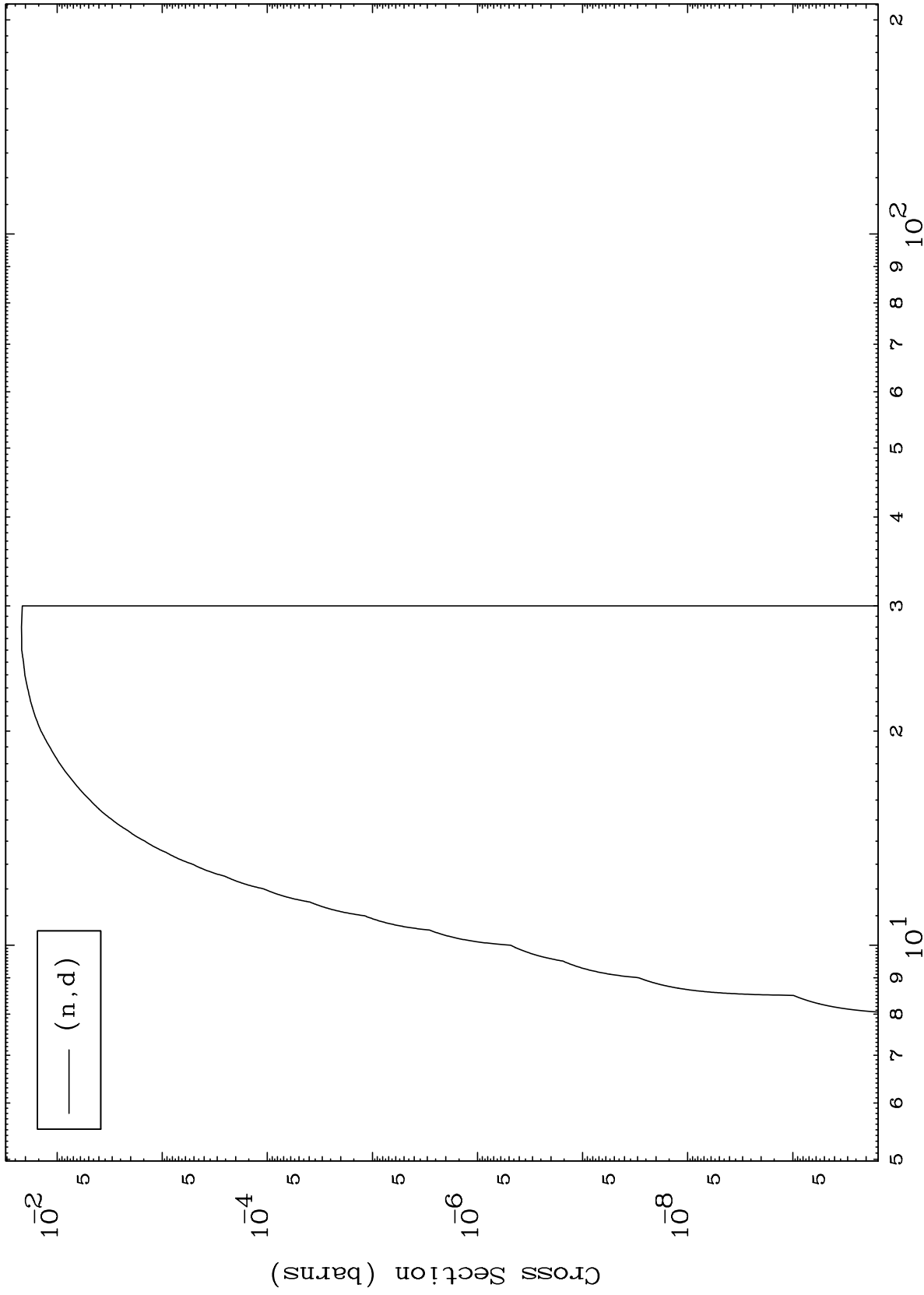
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,d) Levels
293 Kelvin Cross Sections

52-Te-121



11

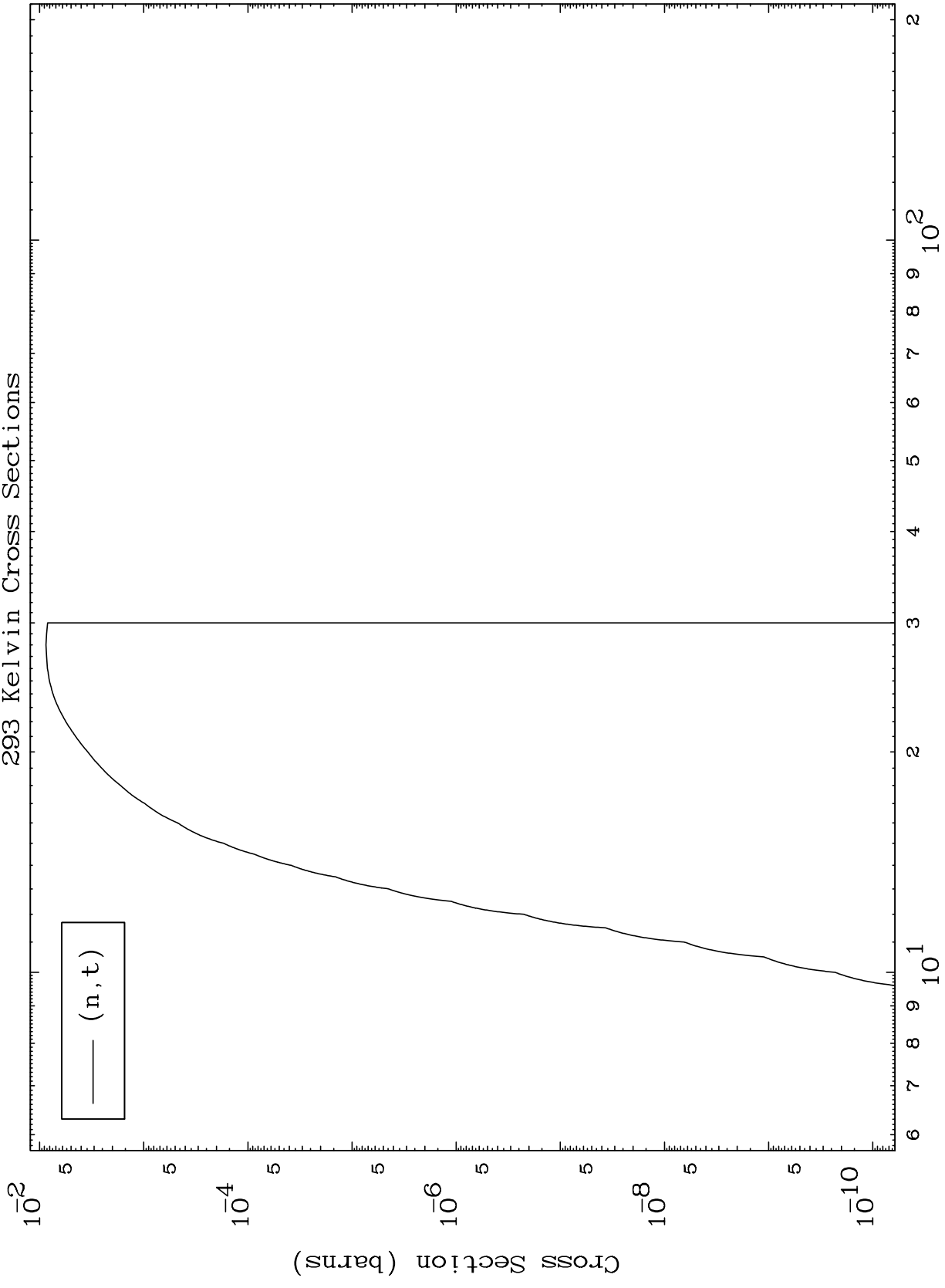
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52-Te-121

MAT 5228

(n,t) Levels
293 Kelvin Cross Sections

52-Te-121



12

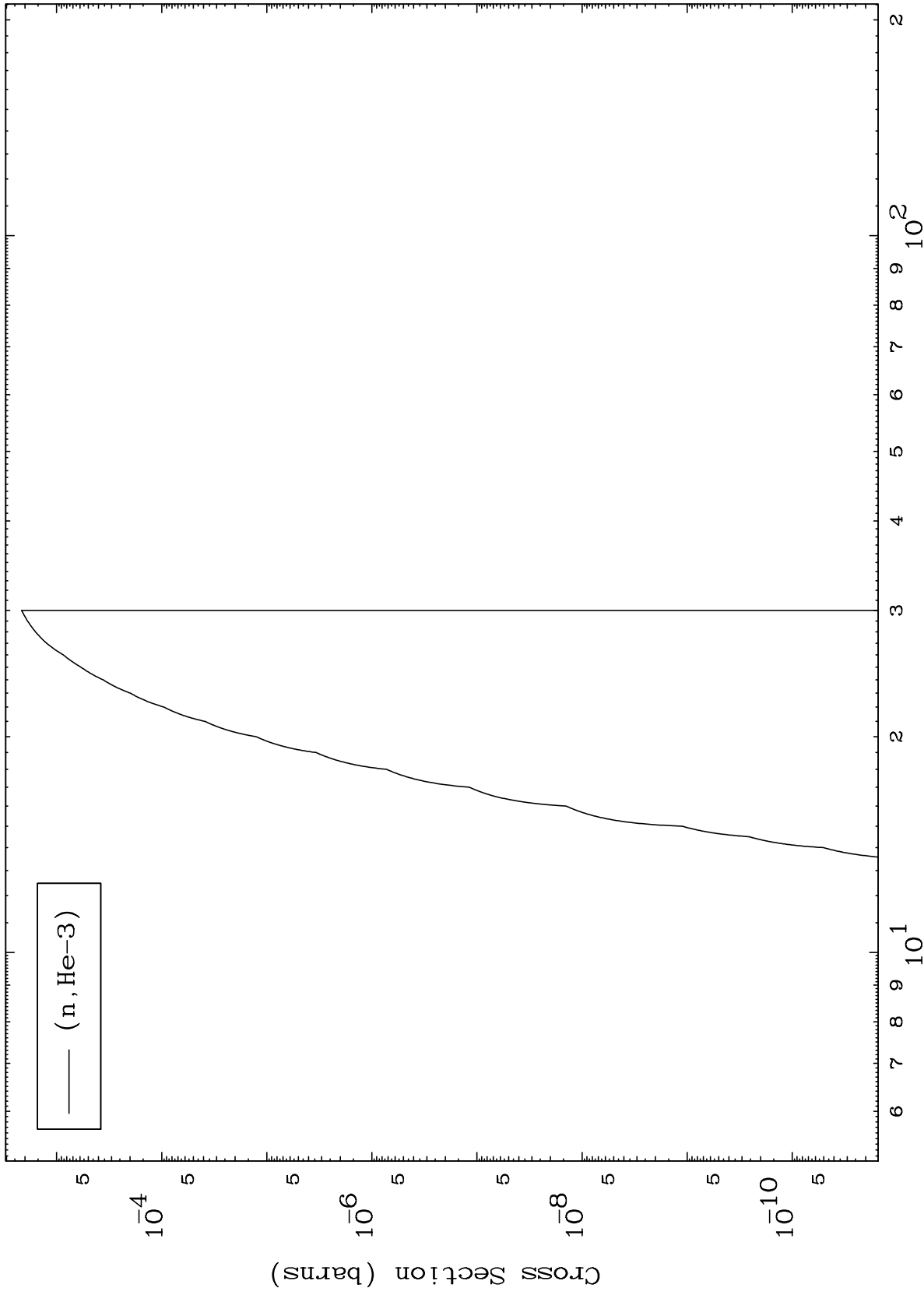
Incident Energy (MeV)

52-Te-121

MAT 5228

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-121



13

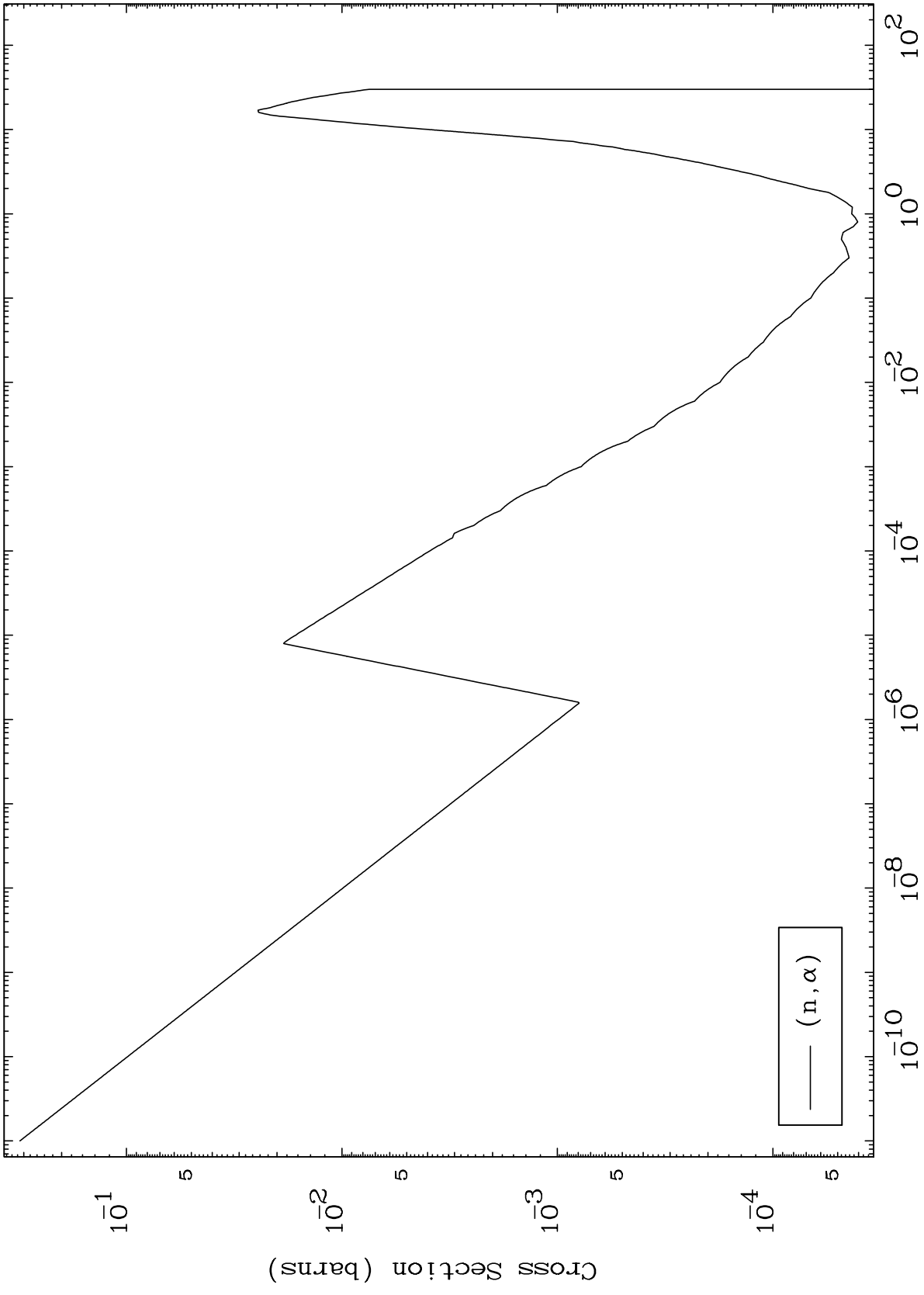
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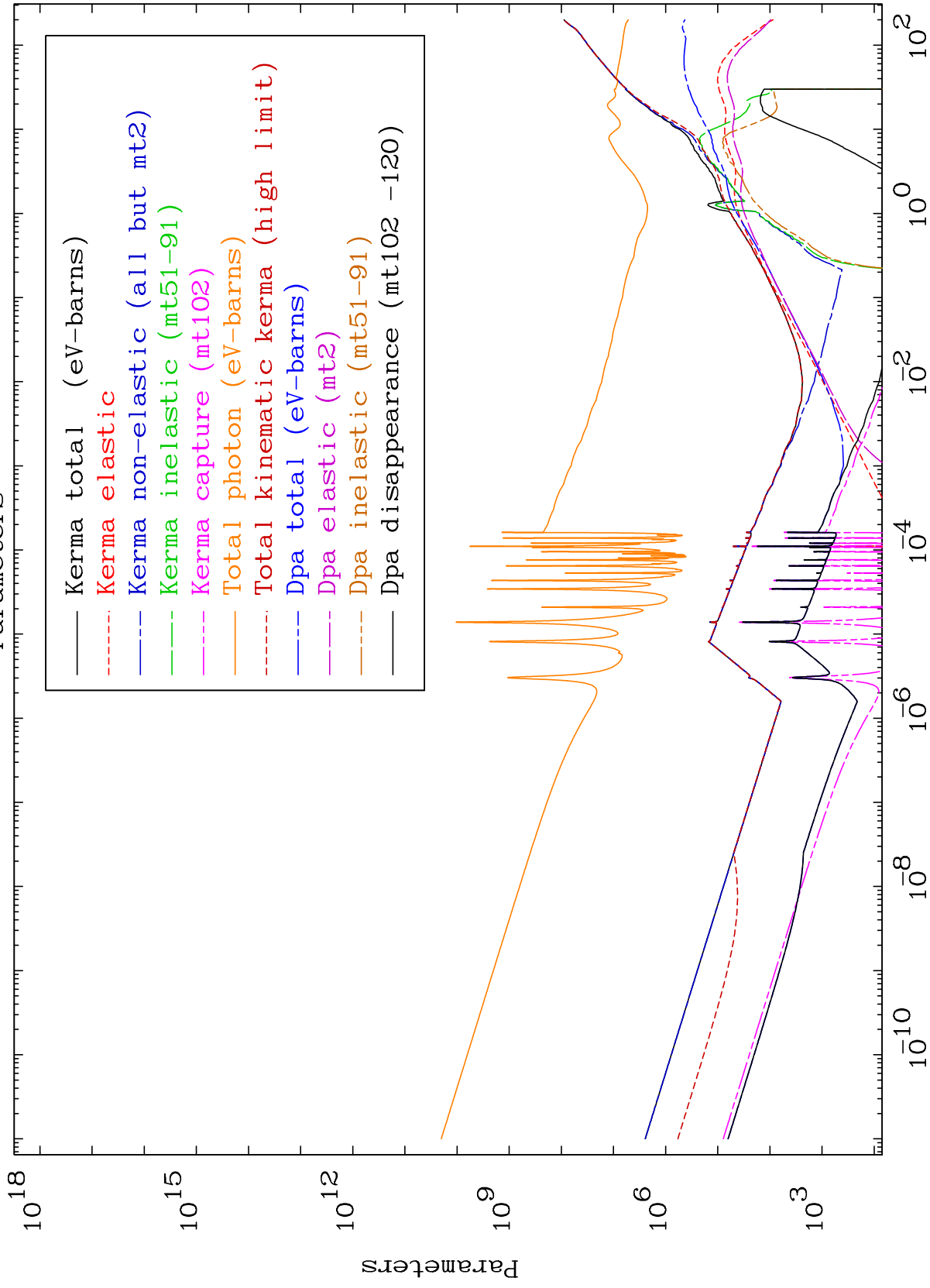
52-Te-121

MAT 5228

(n,α) Levels
293 Kelvin Cross Sections

52-Te-121

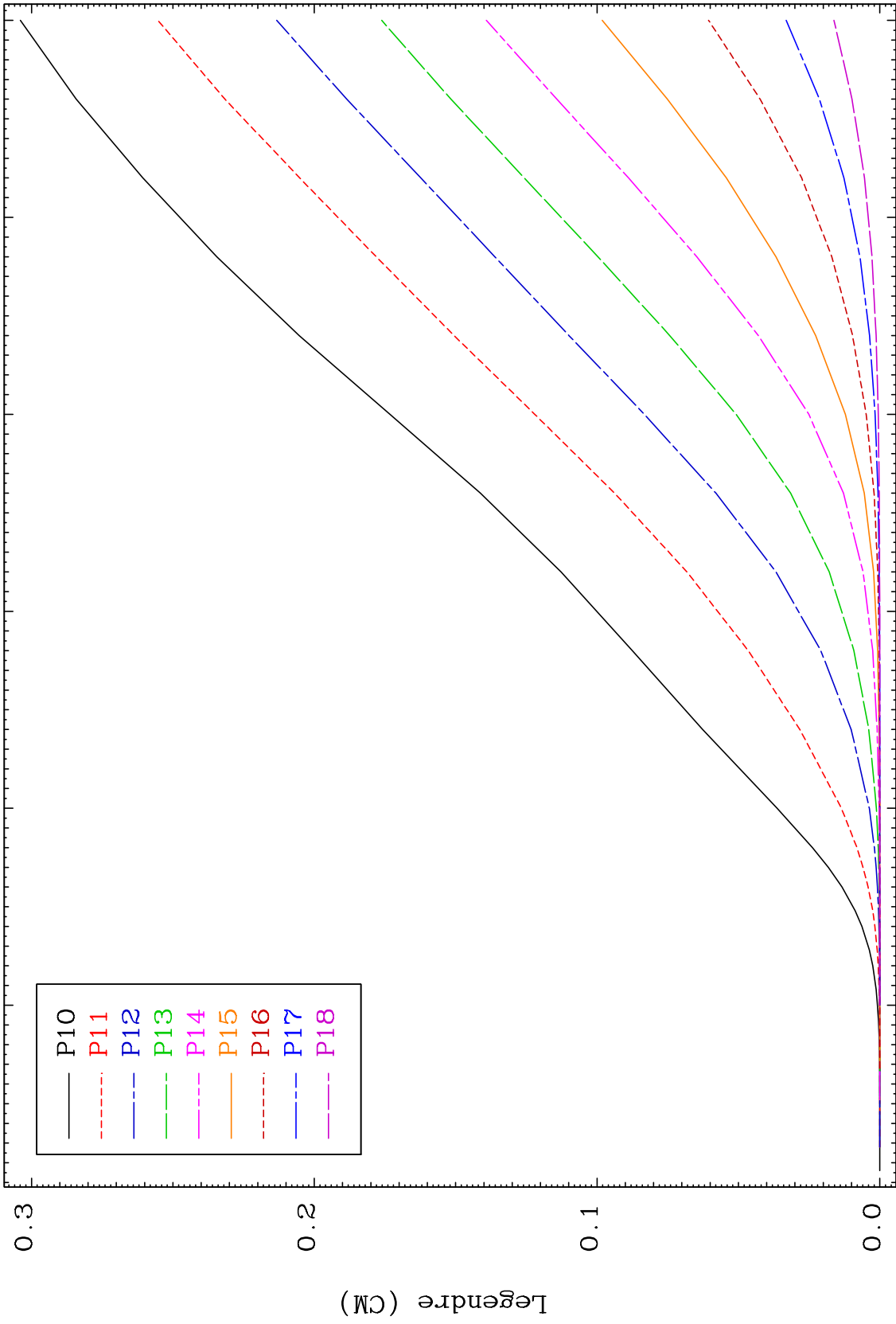




MAT 5228

Elastic Legendre Coefficients

52-Te-121



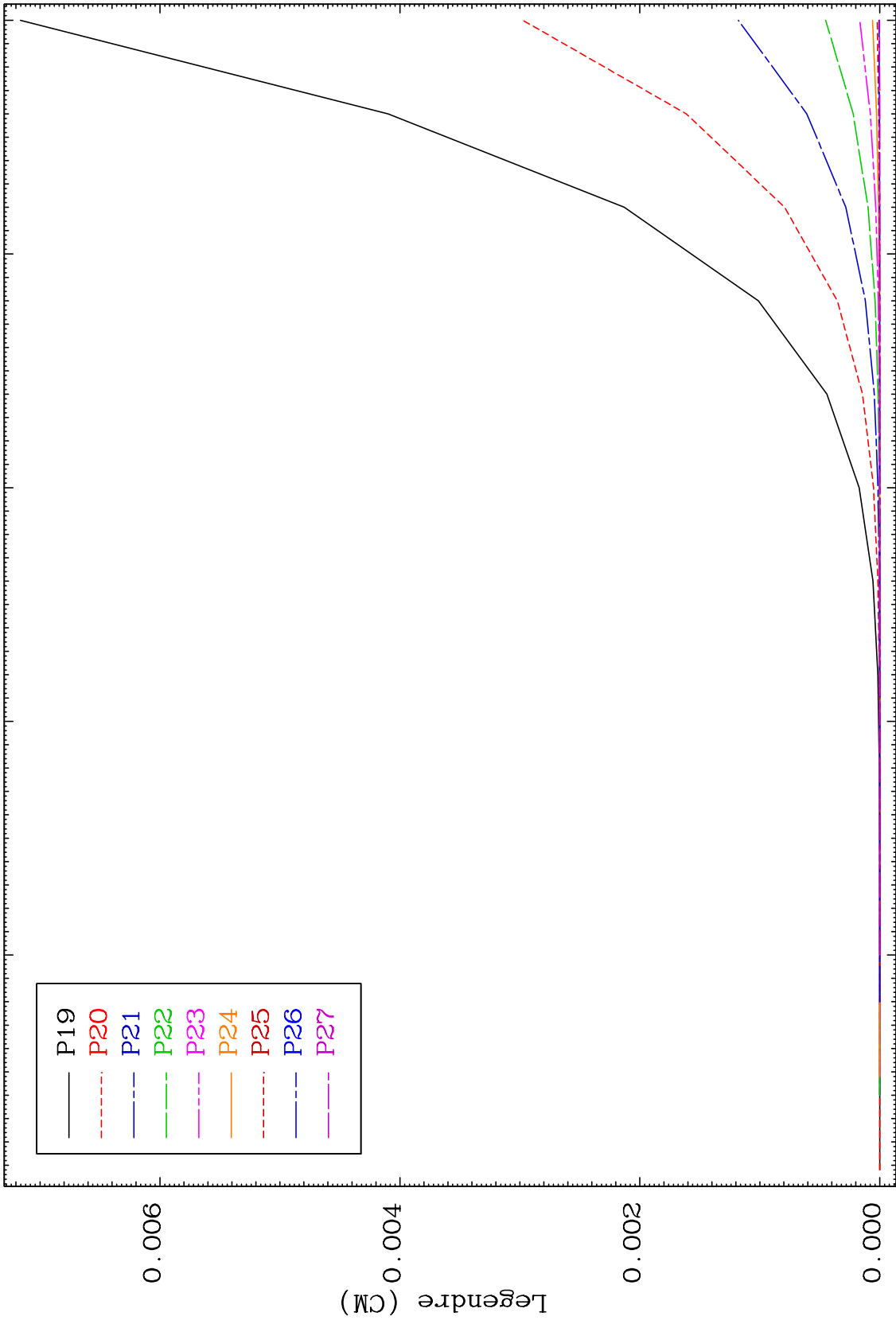
17

52-Te-121

MAT 5228

Elastic Legendre Coefficients

52-Te-121



18

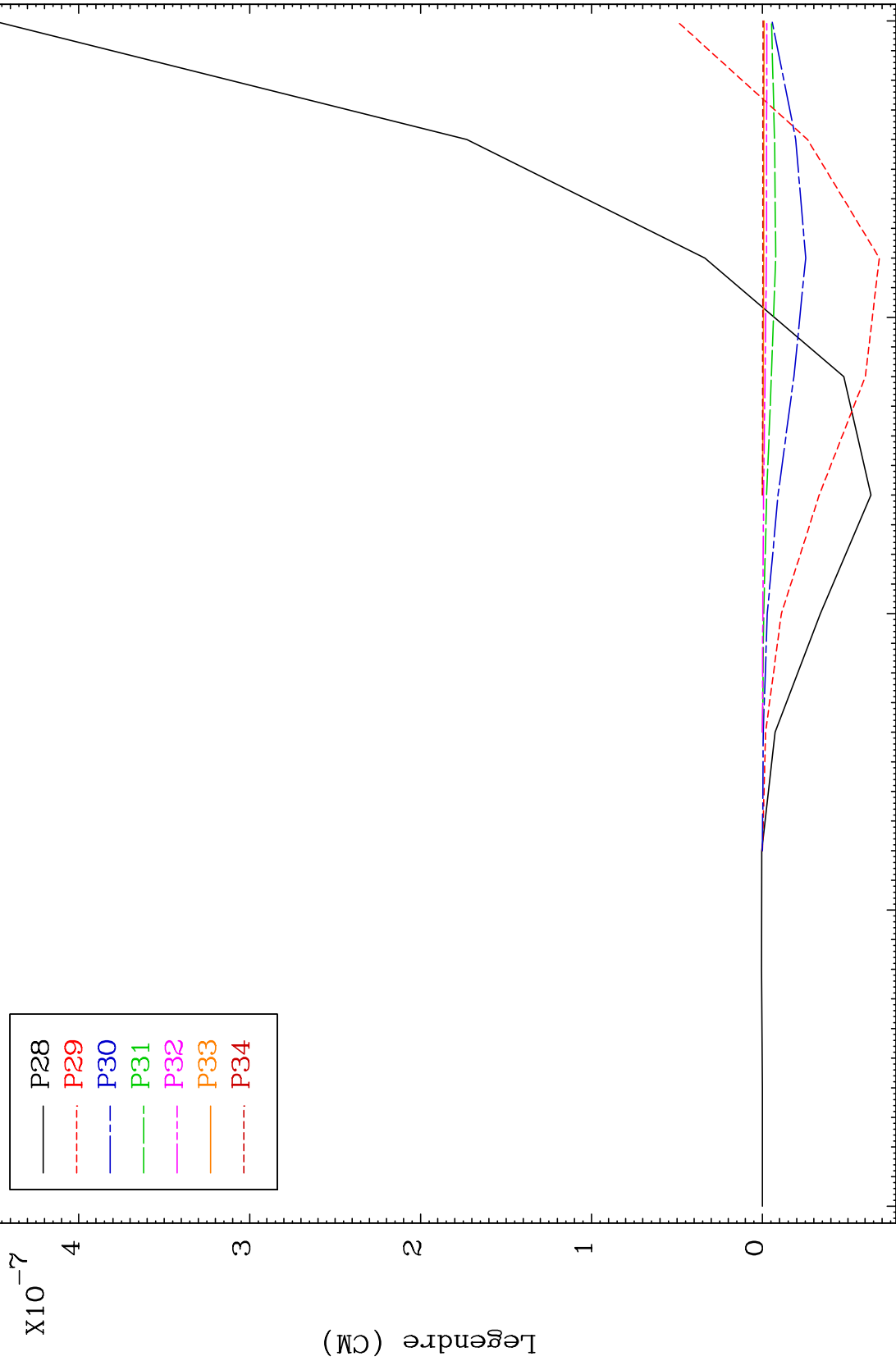
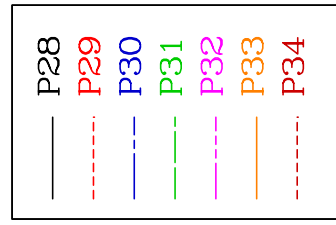
Incident Energy (MeV)

52-Te-121

MAT 5228

Elastic Legendre Coefficients

52-Te-121



19

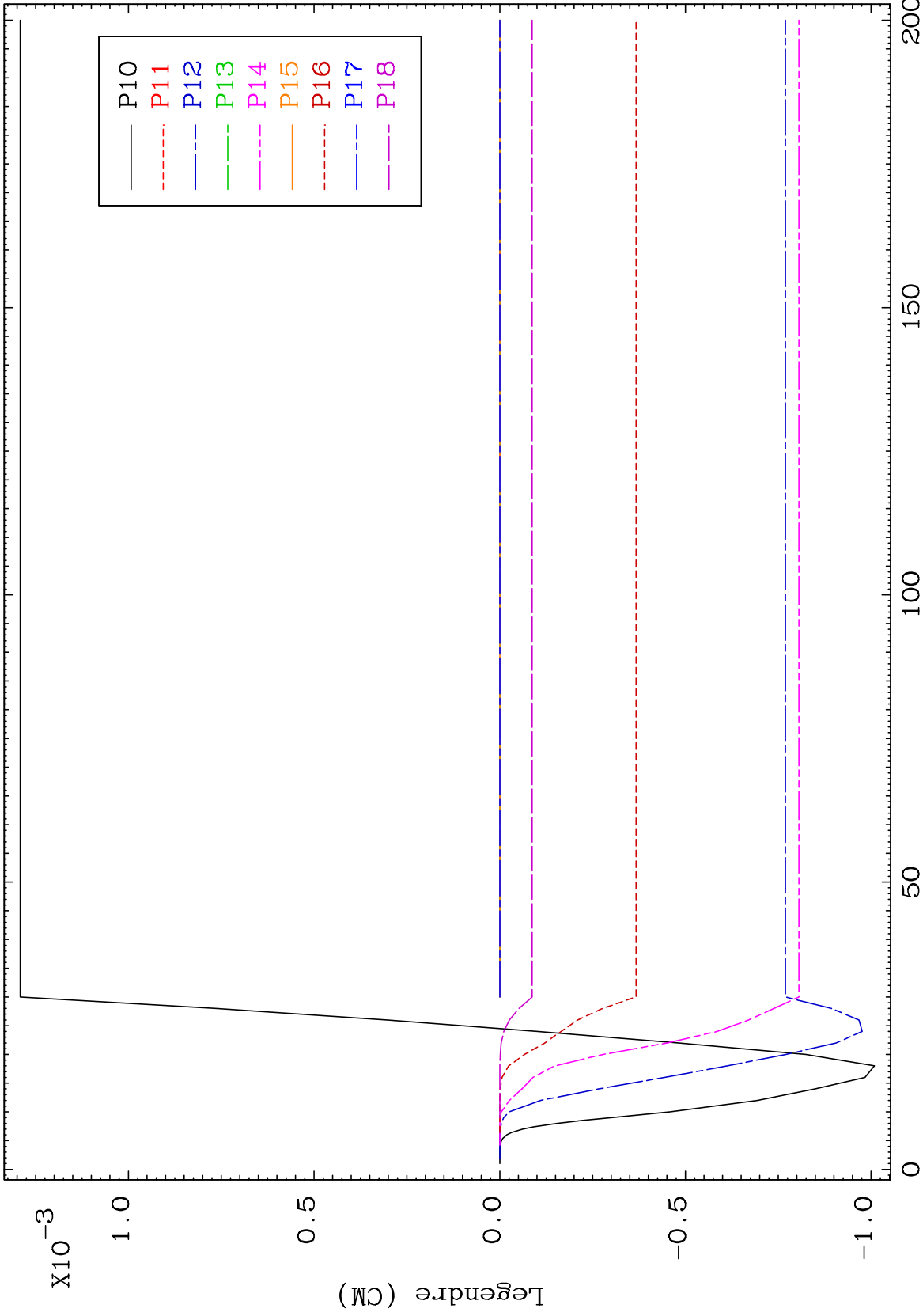
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121

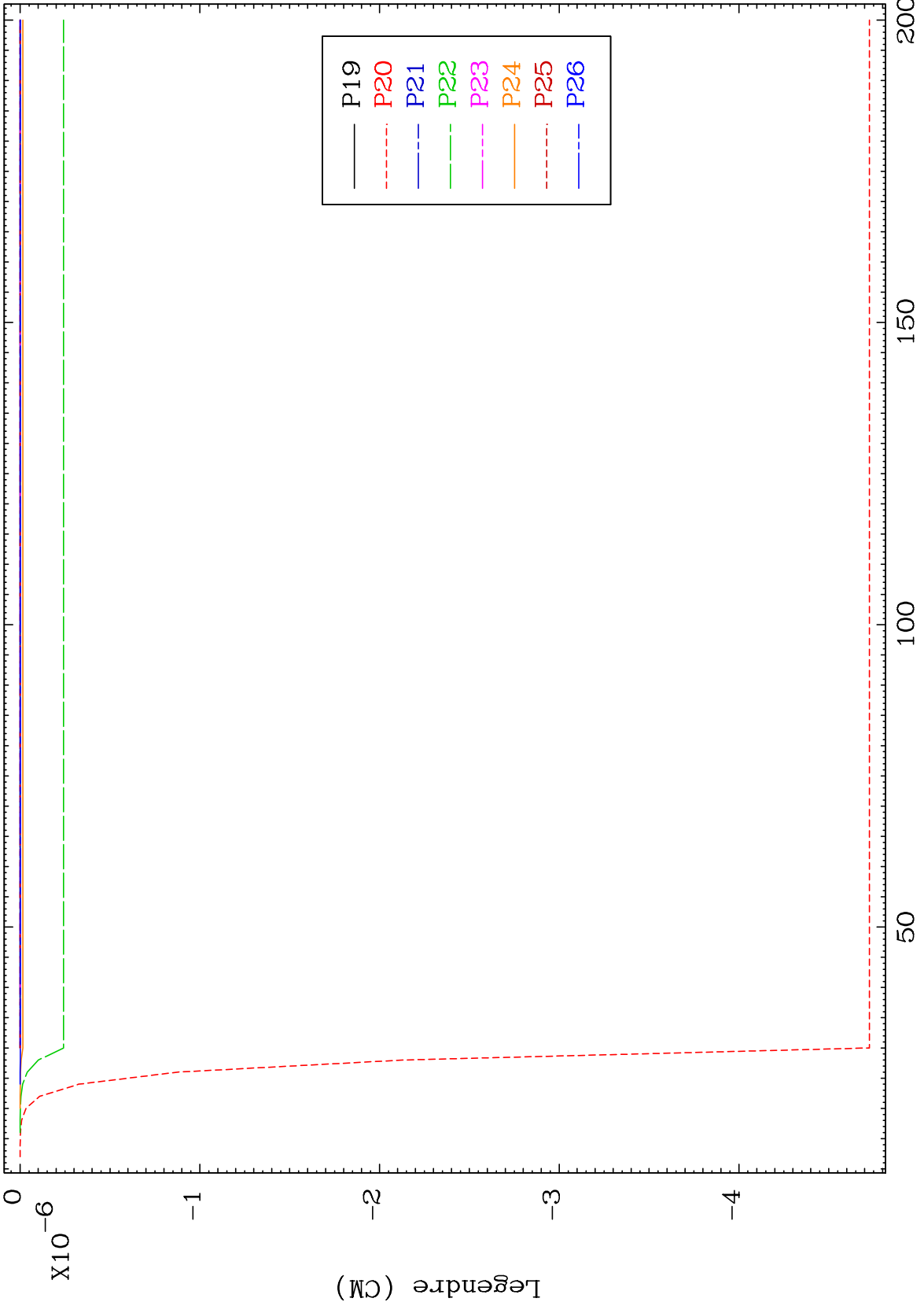


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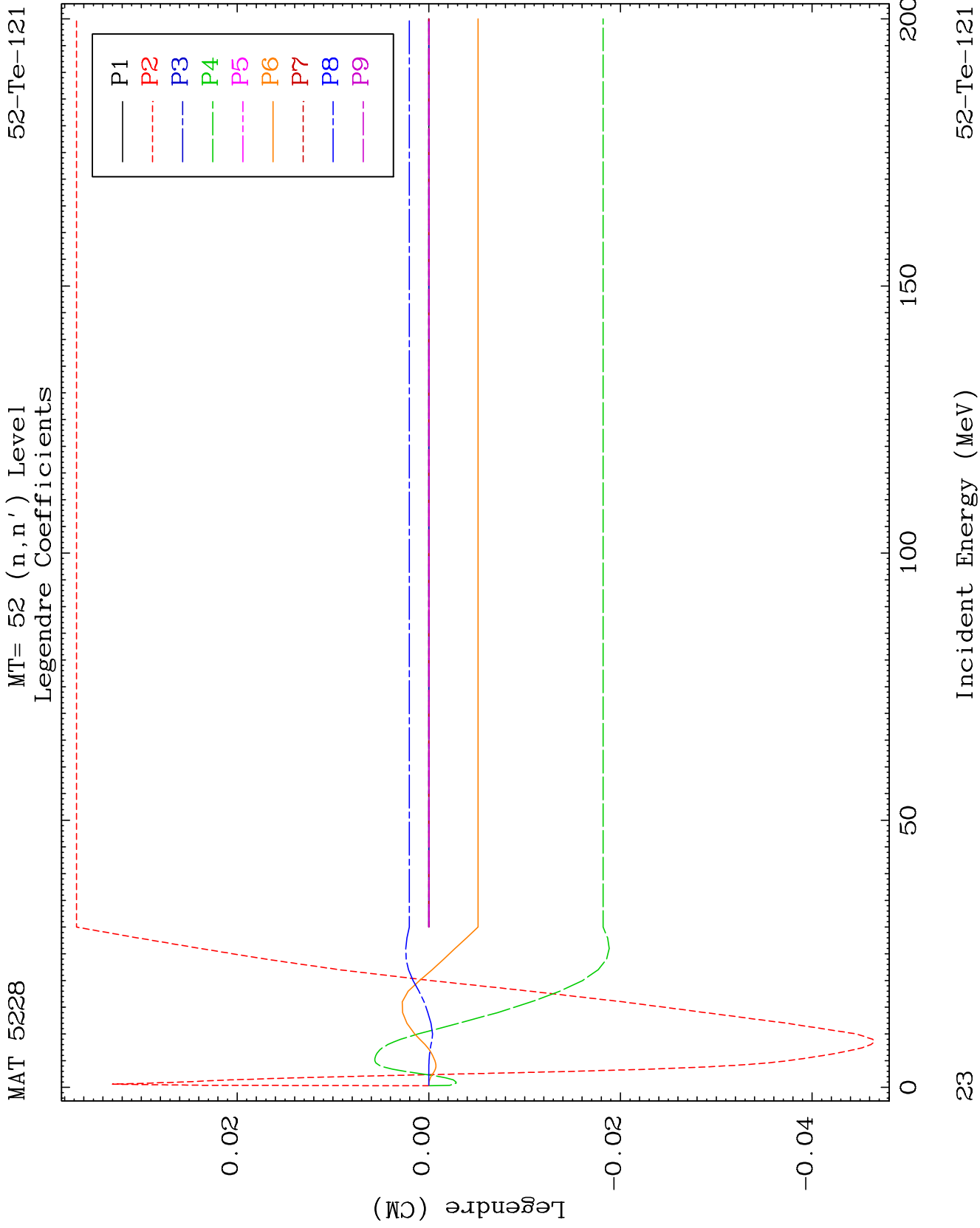
Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 51 (n,n') Level Legendre Coefficients 52-Te-121



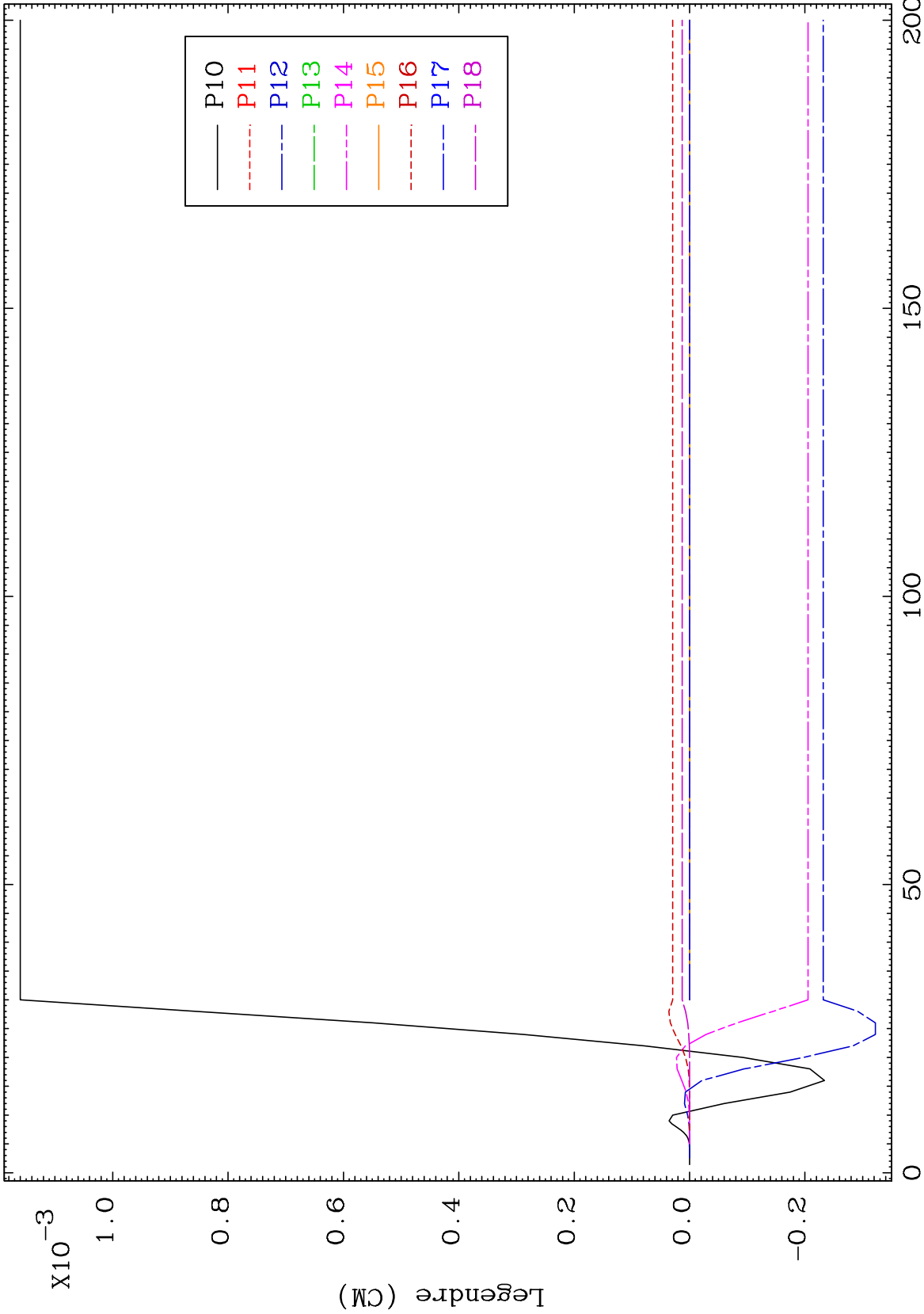
22 Incident Energy (MeV) 52-Te-121



MAT 5228

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

52-Te-121

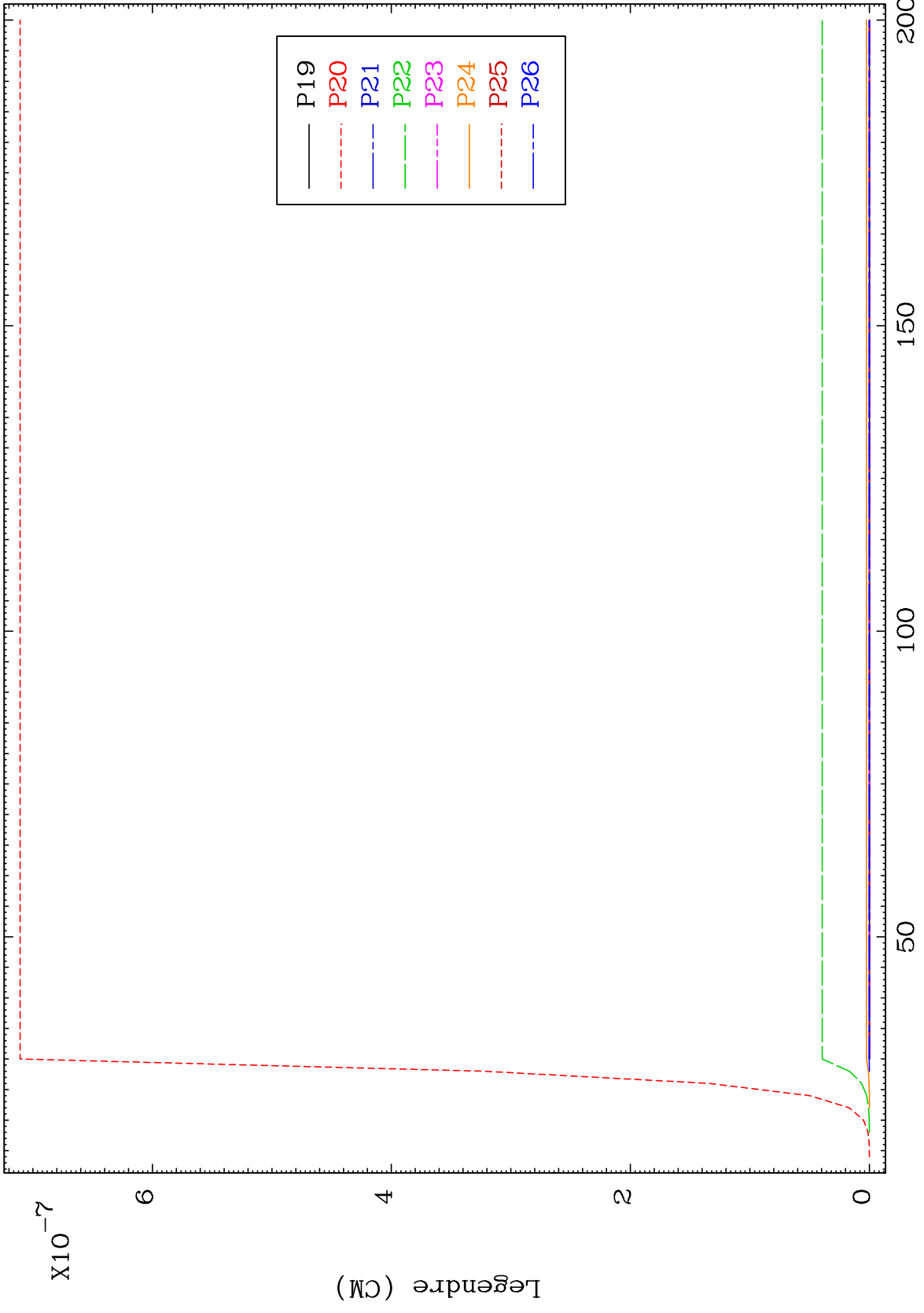


24

Incident Energy (MeV)

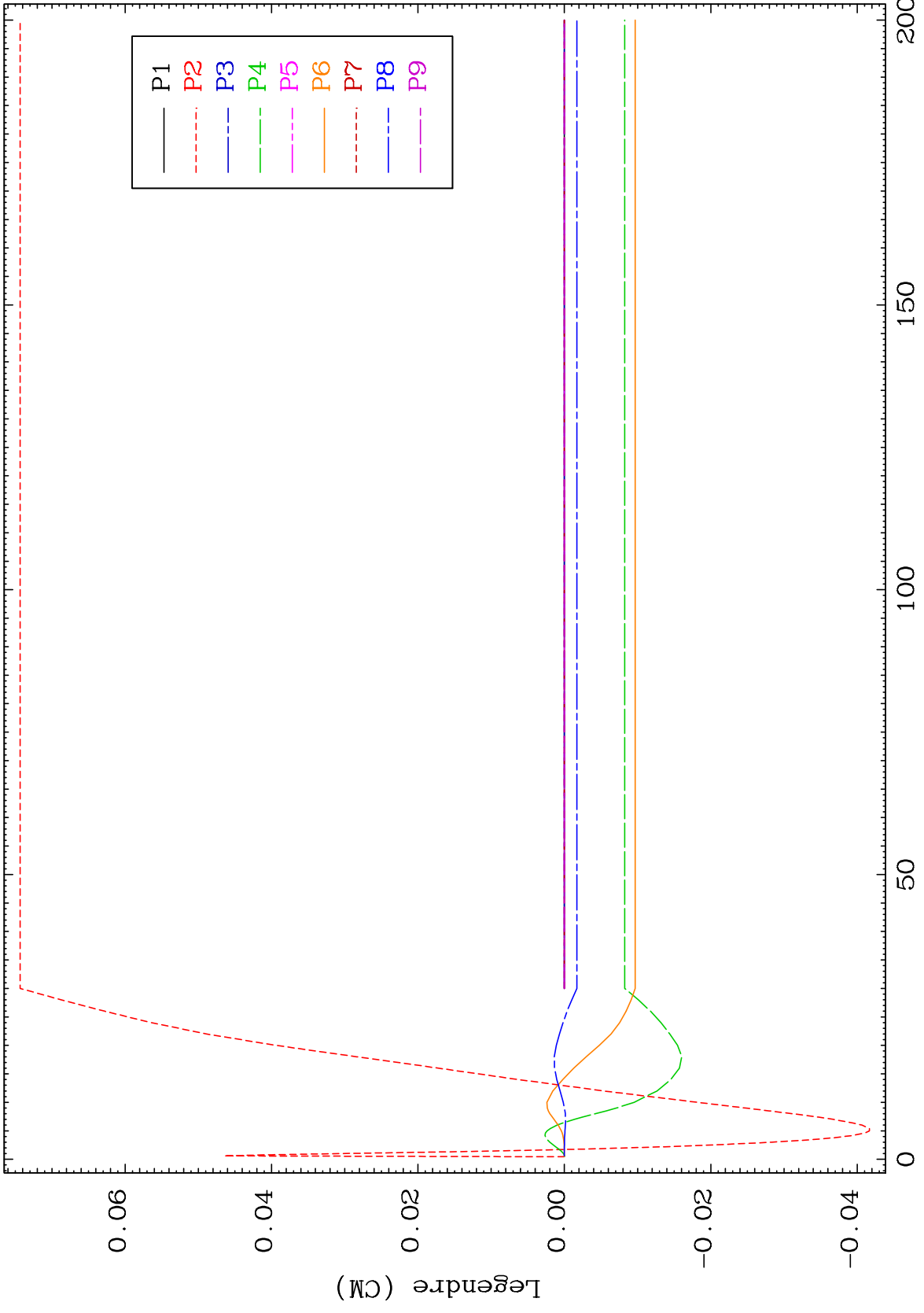
52-Te-121

MAT 5228 MT= 52 (n,n') Level Legendre Coefficients 52-Te-121



52-Te-121

MAT 5228 MT= 53 (n,n') Level Legendre Coefficients 52-Te-121

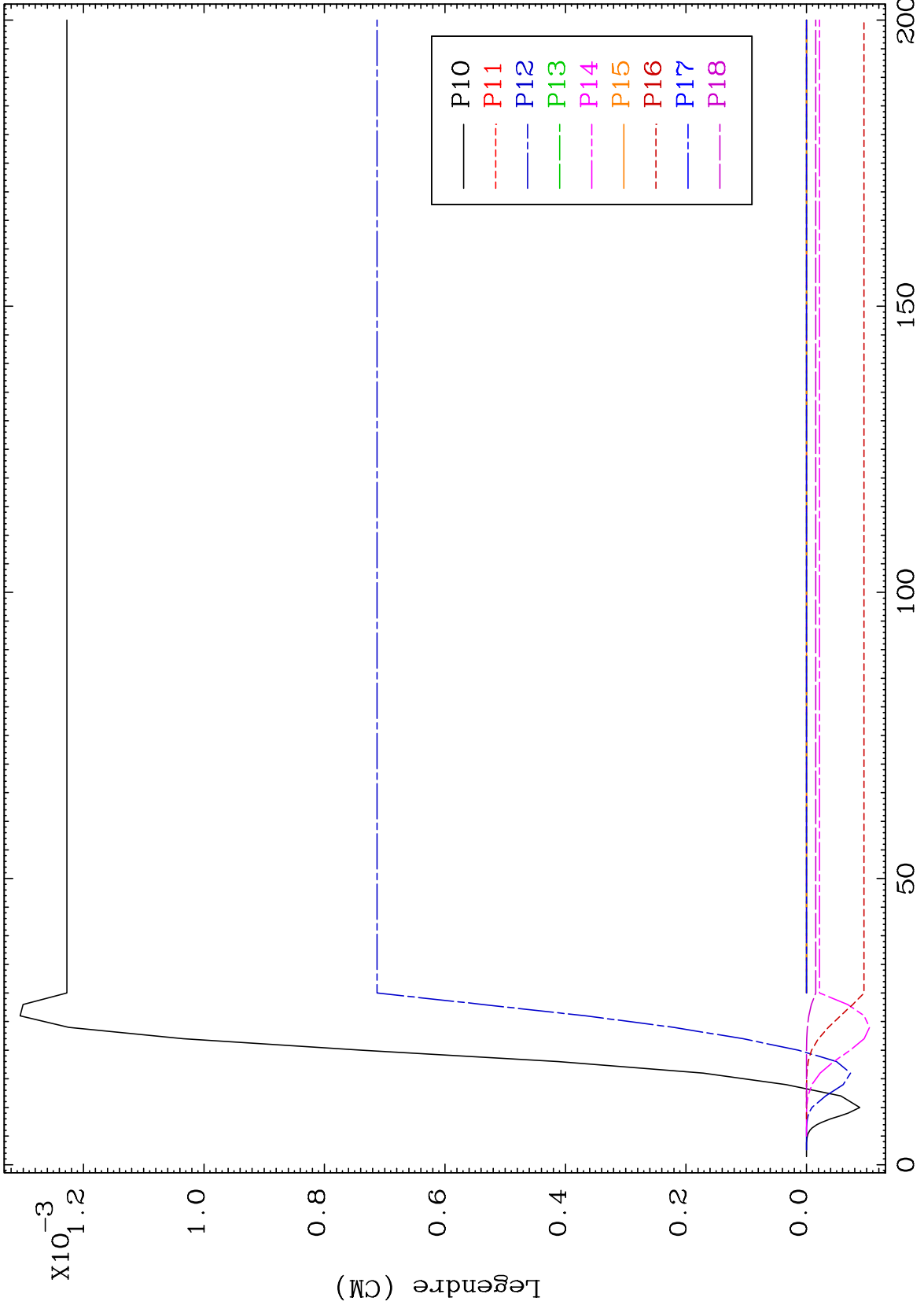


26 Incident Energy (MeV) 52-Te-121

MAT 5228

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

52-Te-121



27

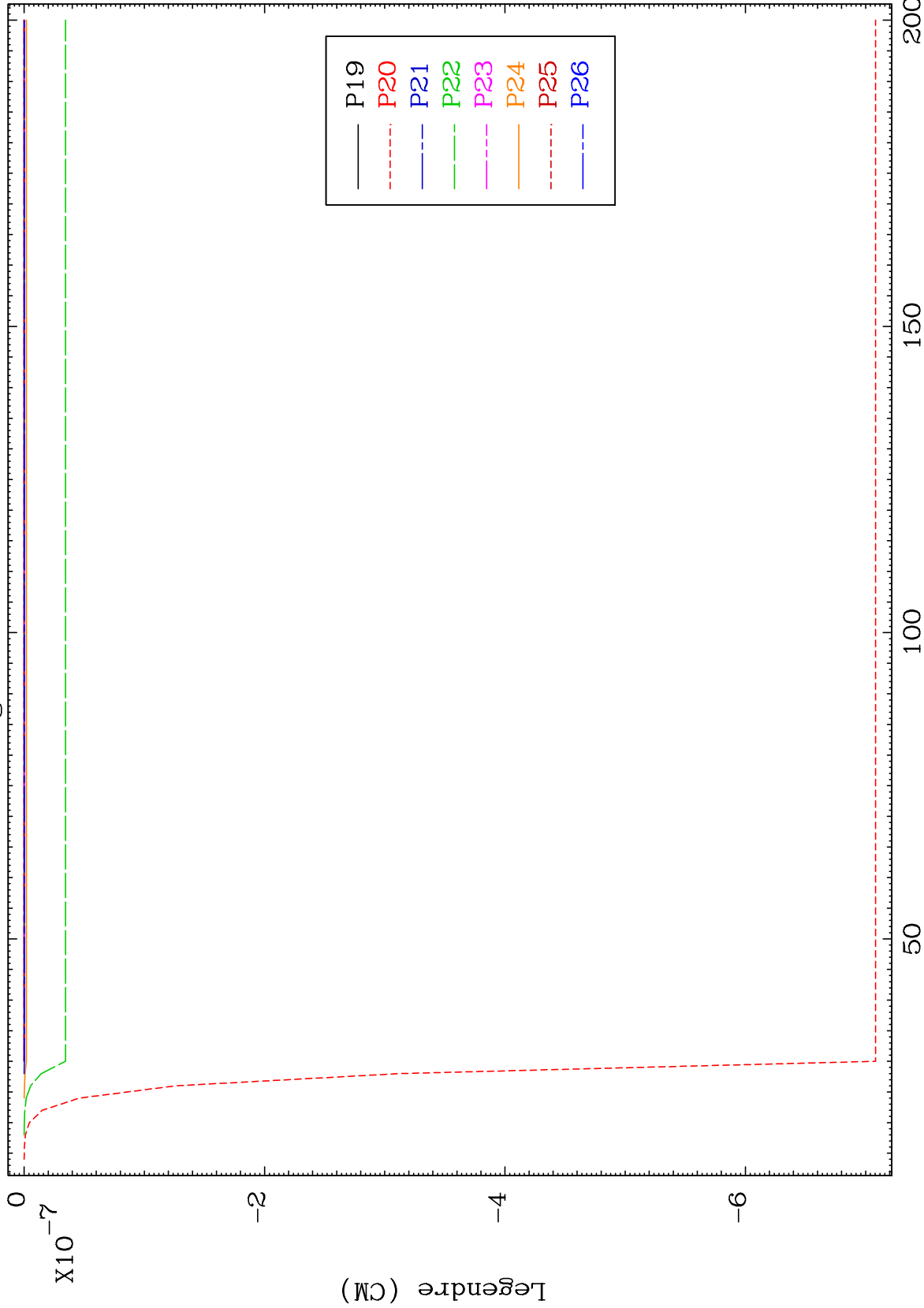
Incident Energy (MeV)

52-Te-121

MAT 5228

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

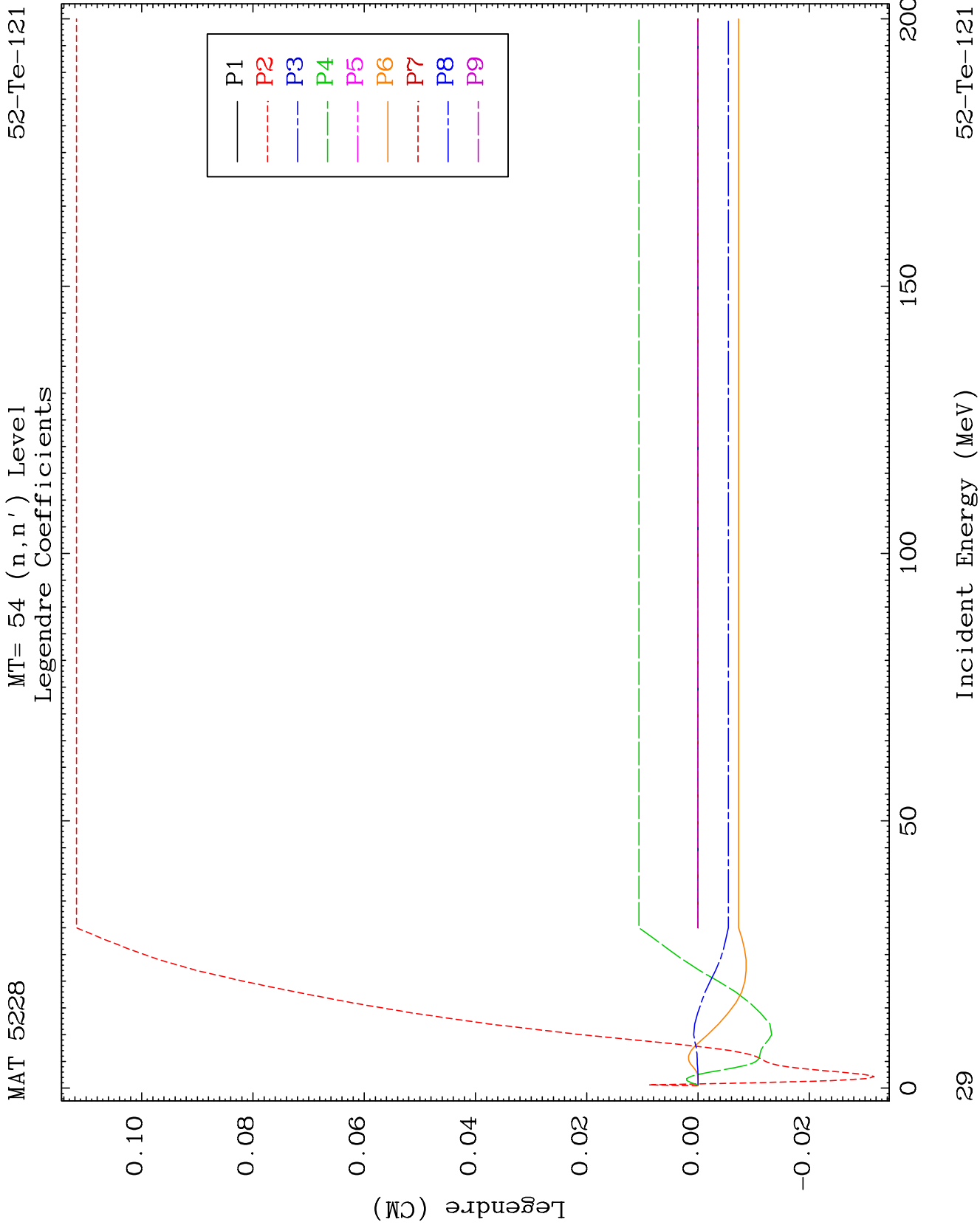
52-Te-121



28

Incident Energy (MeV)

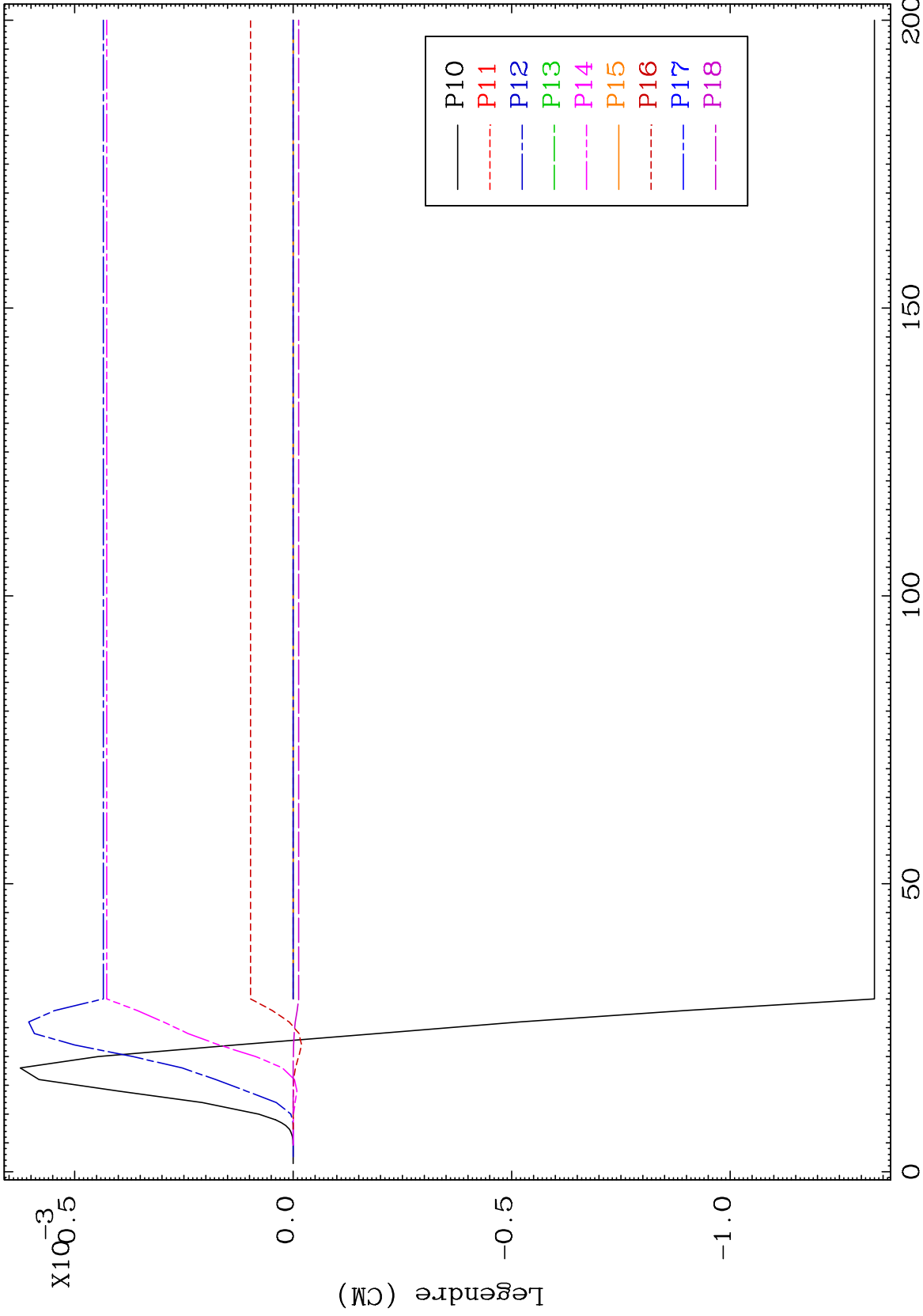
52-Te-121



MAT 5228

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

52-Te-121



30

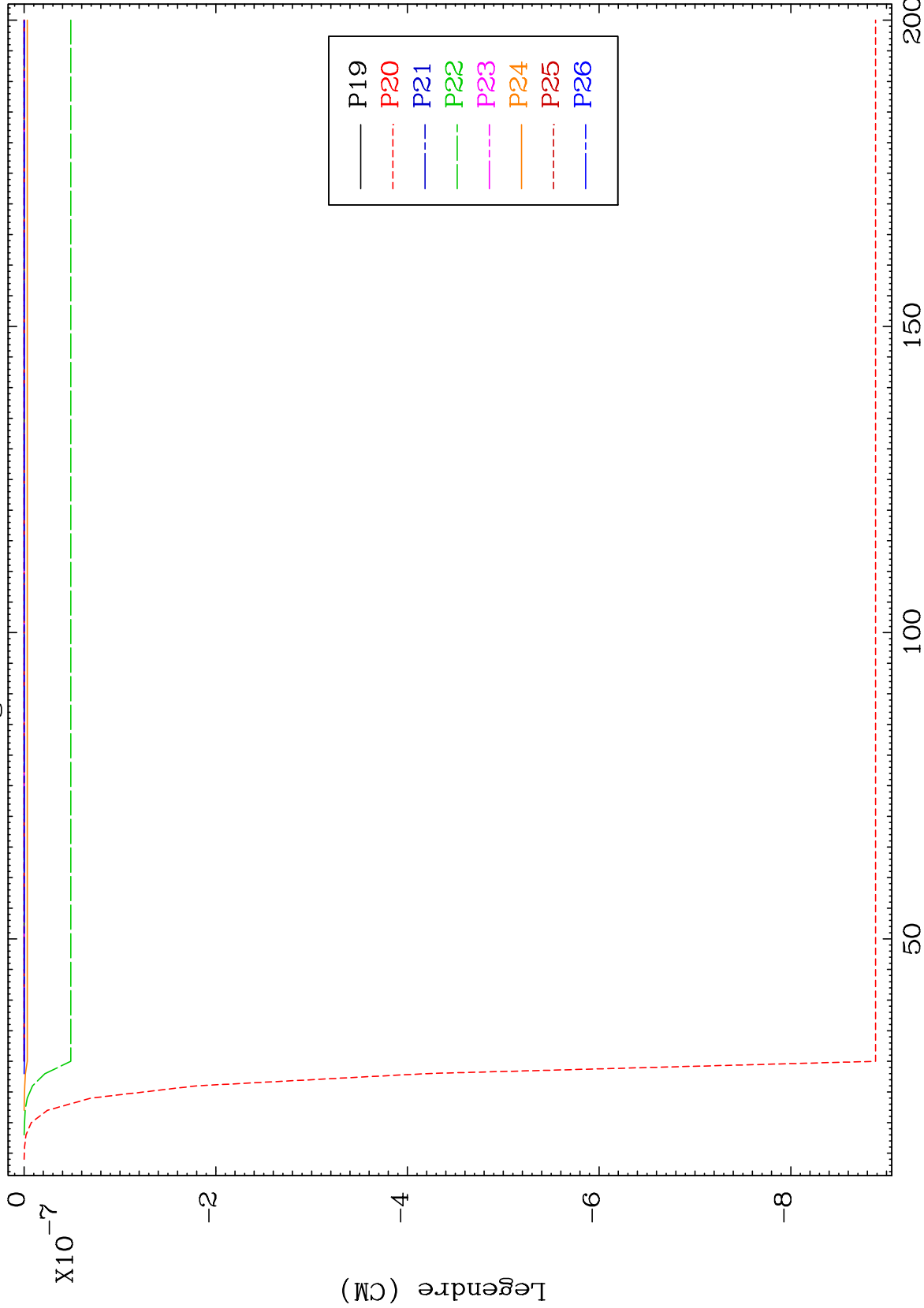
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121

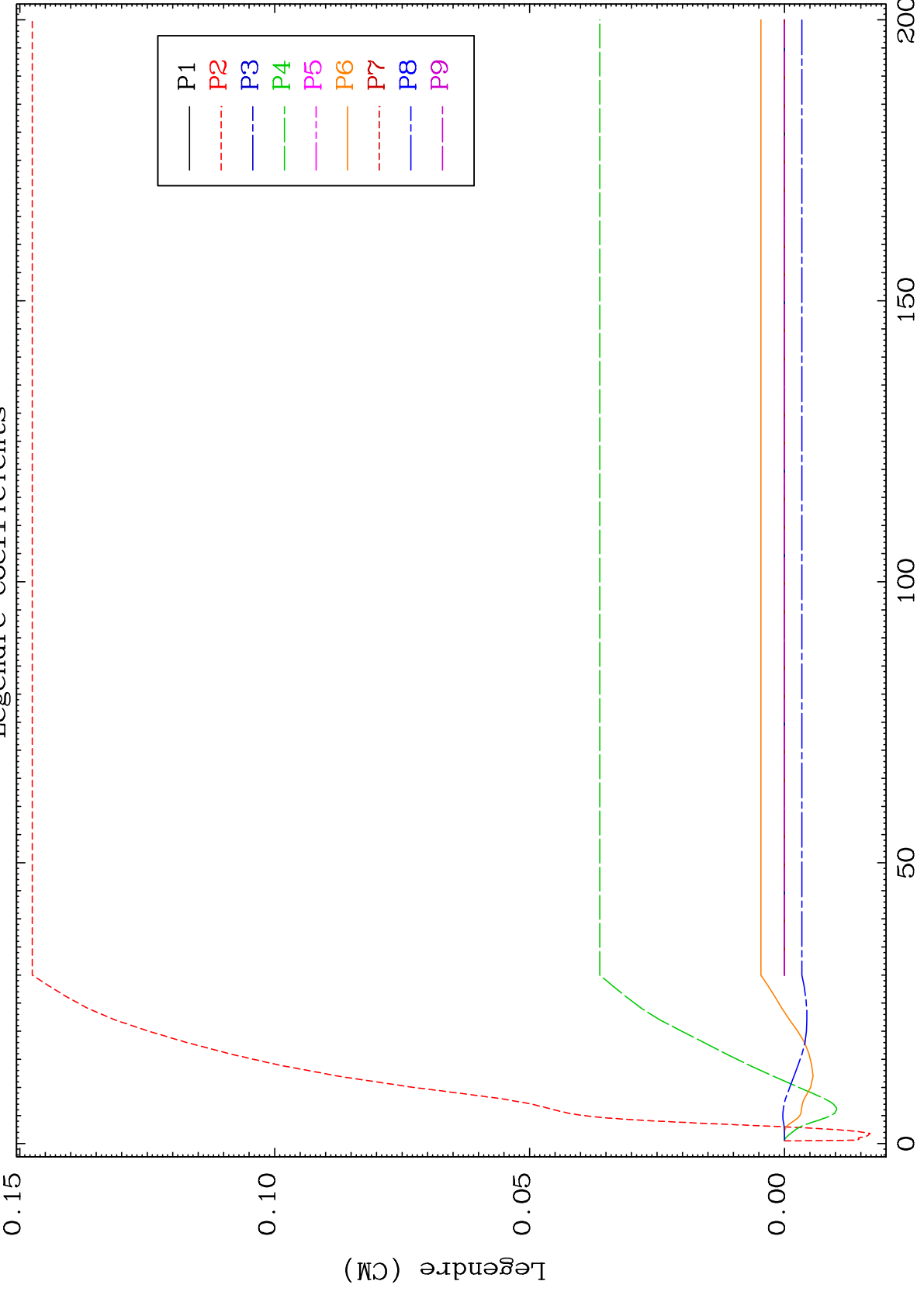


31

Incident Energy (MeV)

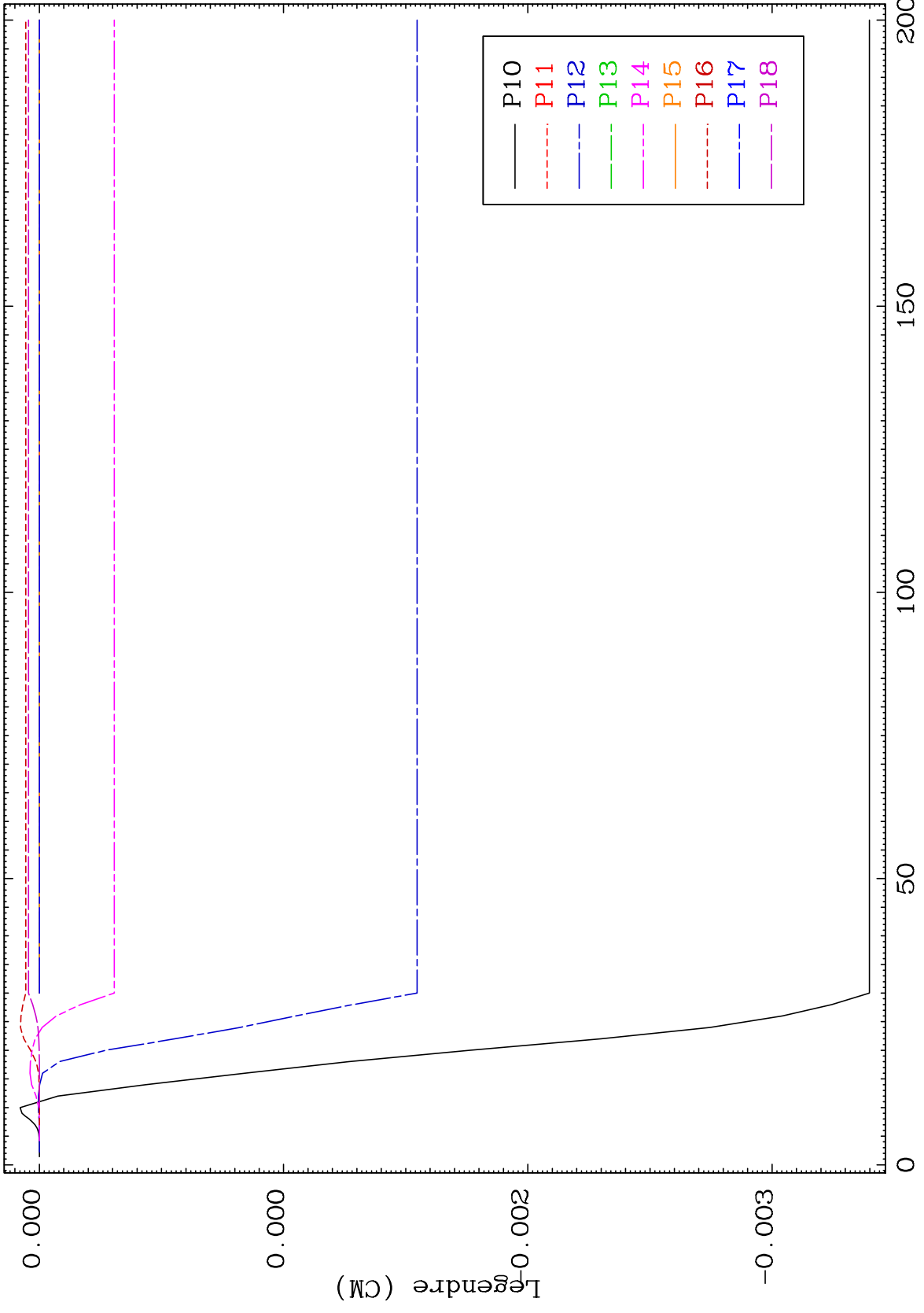
52-Te-121

MAT 5228 MT= 55 (n,n') Level Legendre Coefficients 52-Te-121

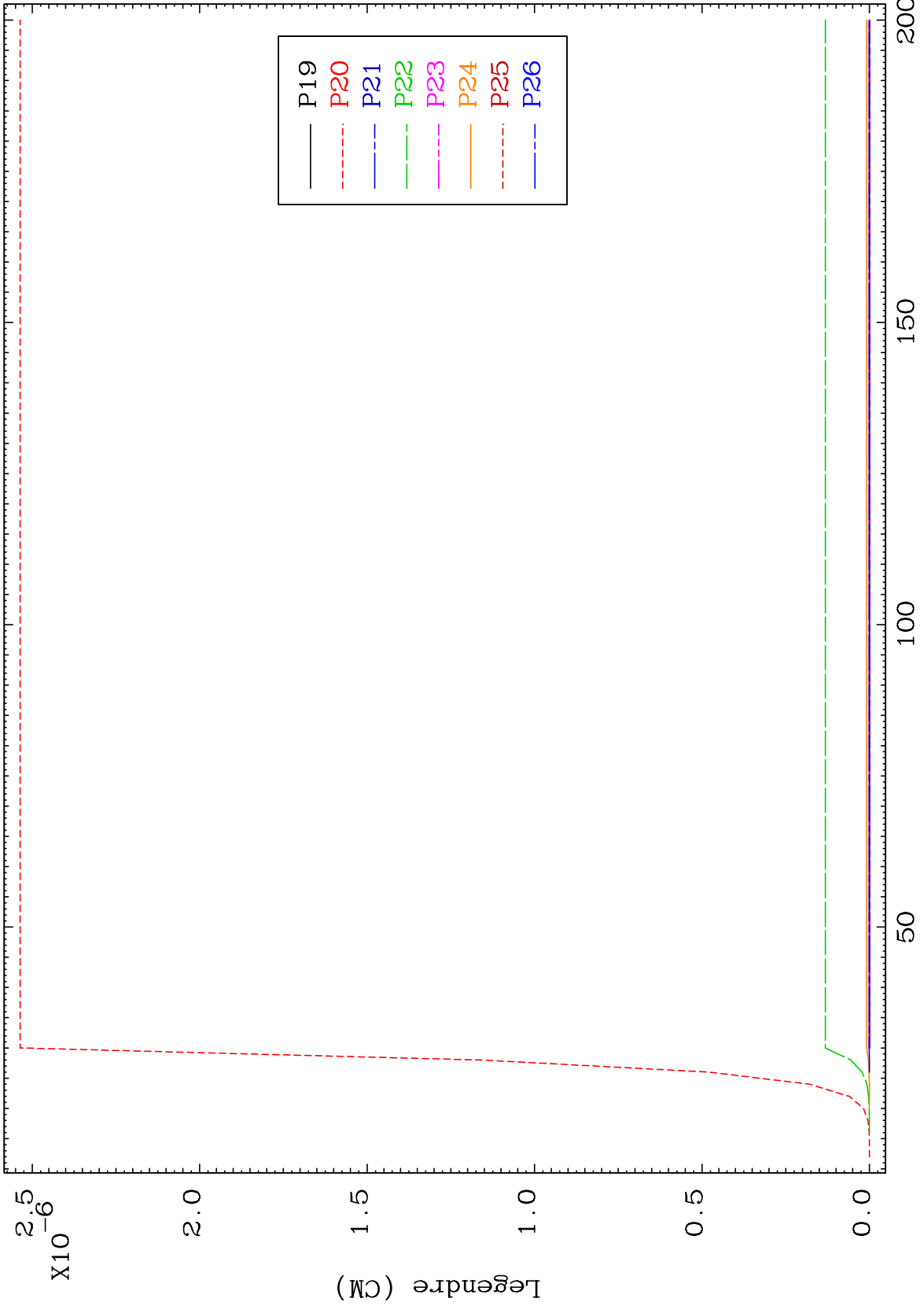


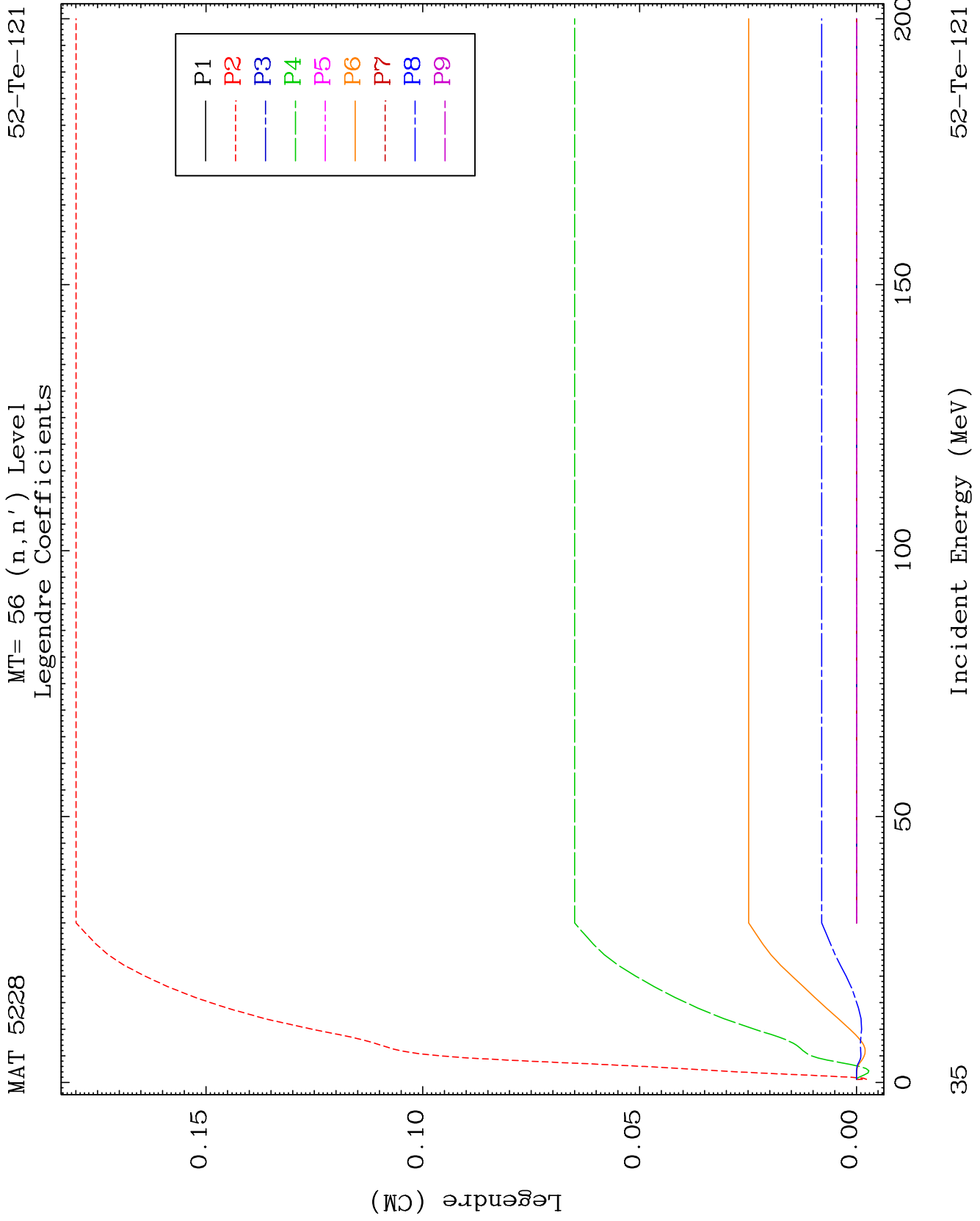
32 52-Te-121

MAT 5228 MT= 55 (n,n') Level Legendre Coefficients 52-Te-121



MAT 5228 MT= 55 (n,n') Level Legendre Coefficients 52-Te-121

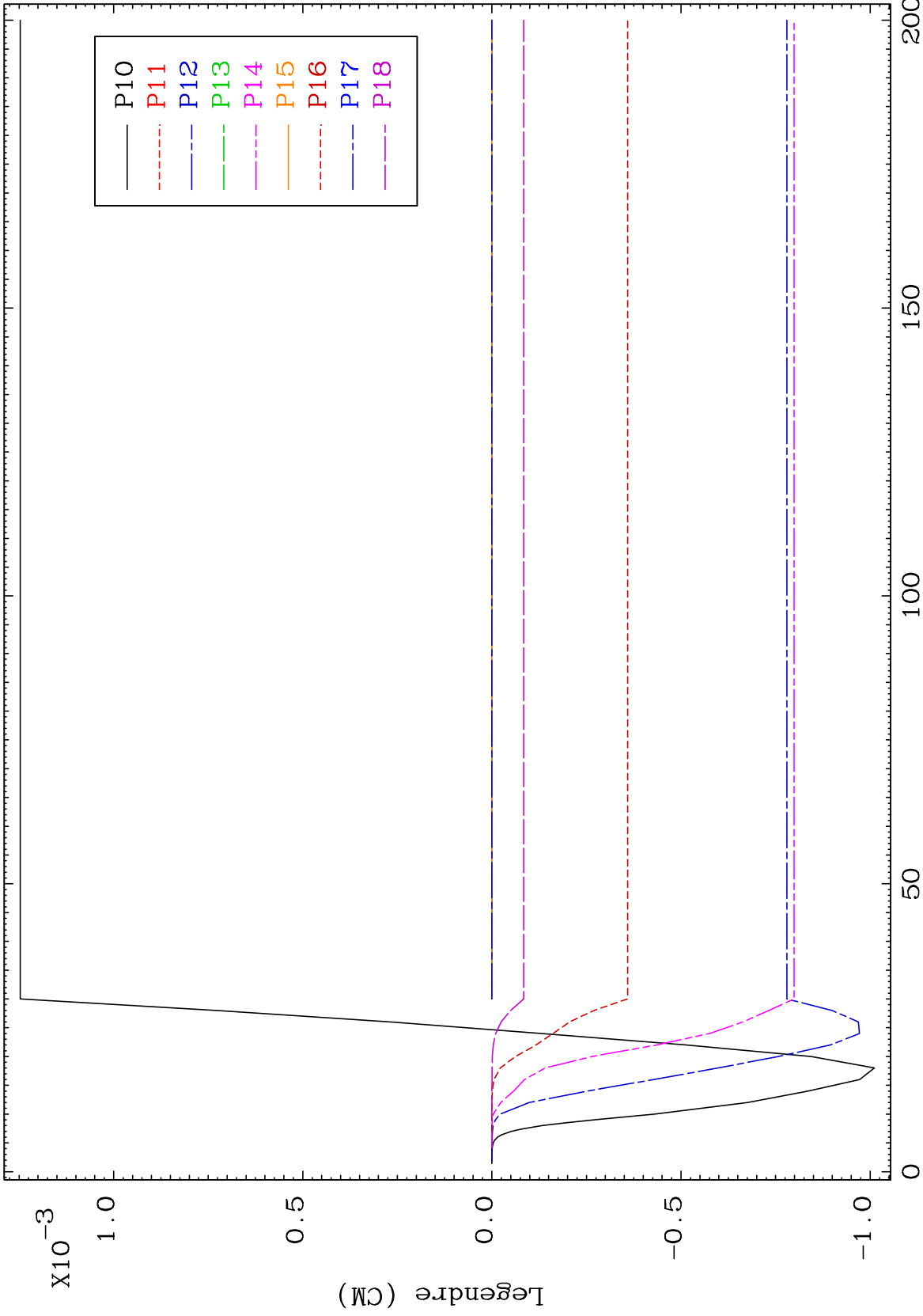




MAT 5228

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

52-Te-121

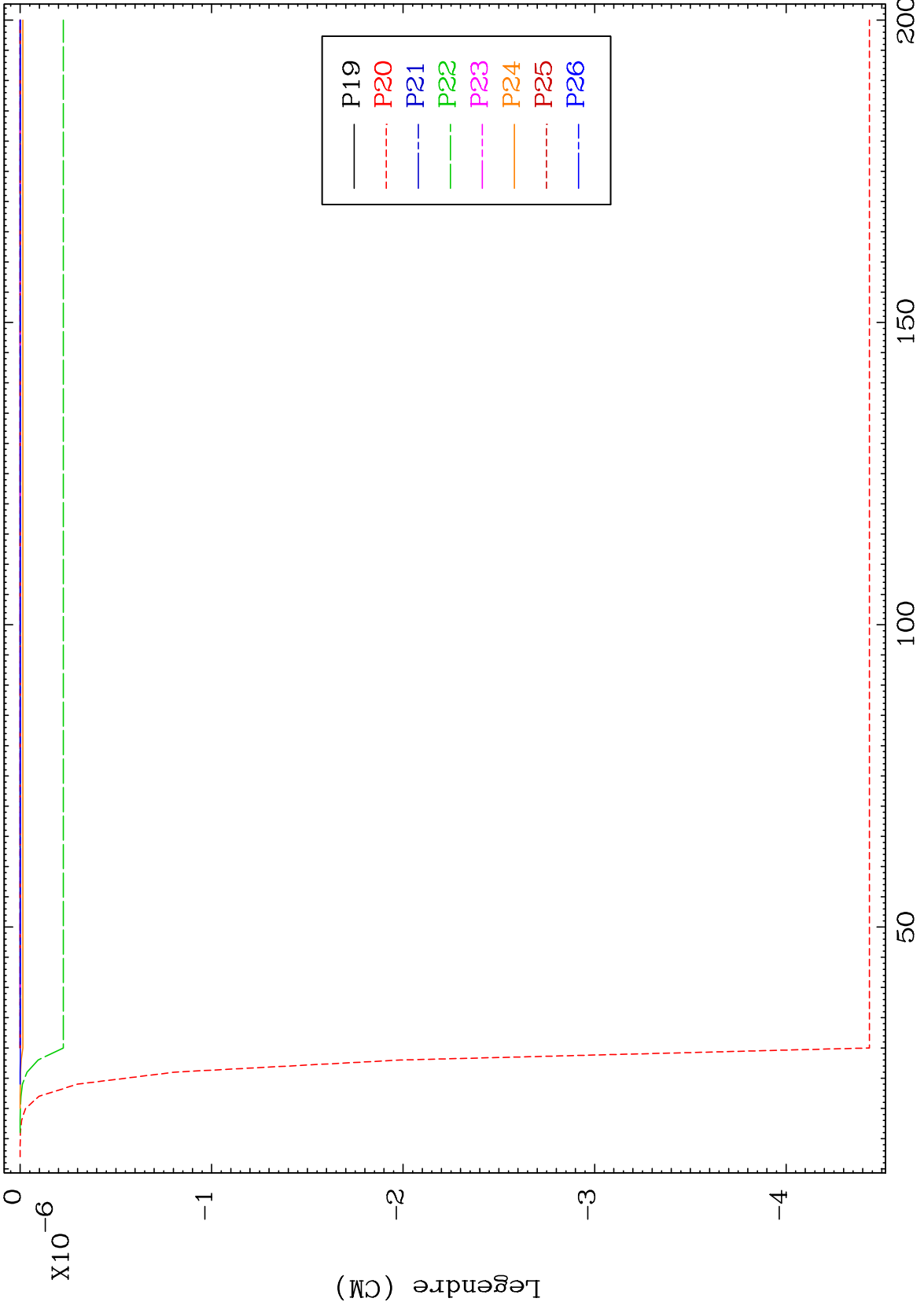


36

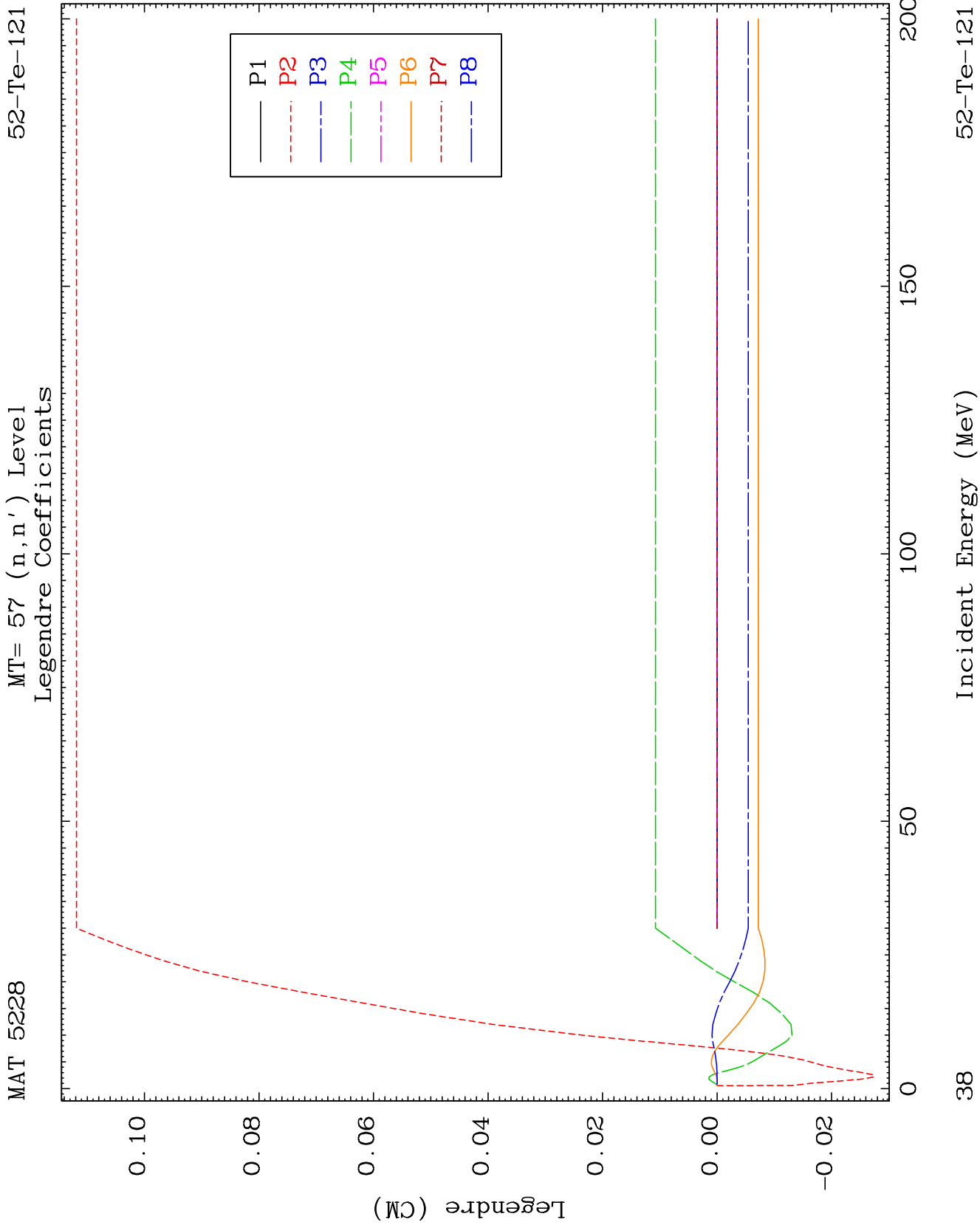
Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 56 (n,n') Level Legendre Coefficients 52-Te-121



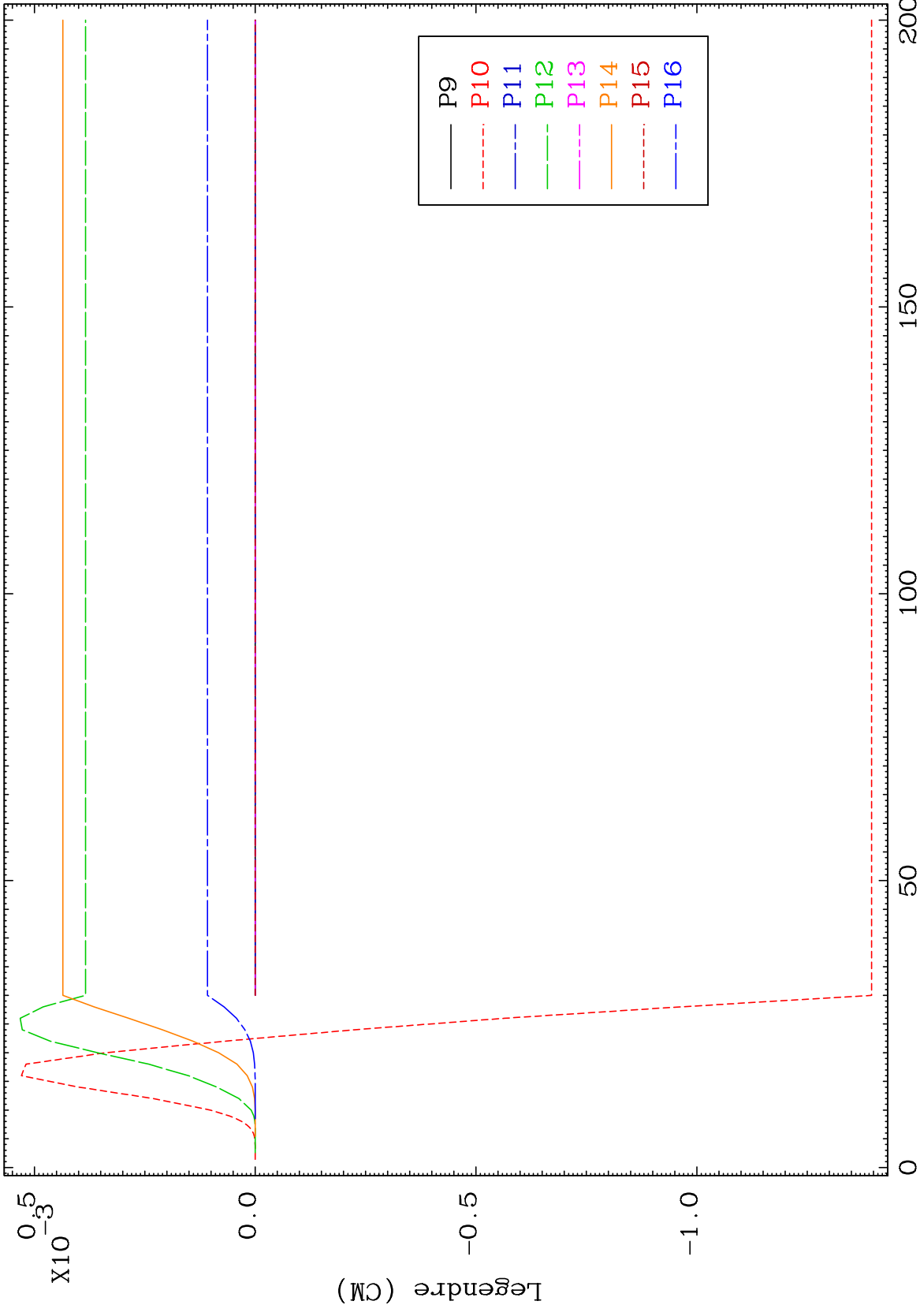
37 Incident Energy (MeV) 52-Te-121



MAT 5228

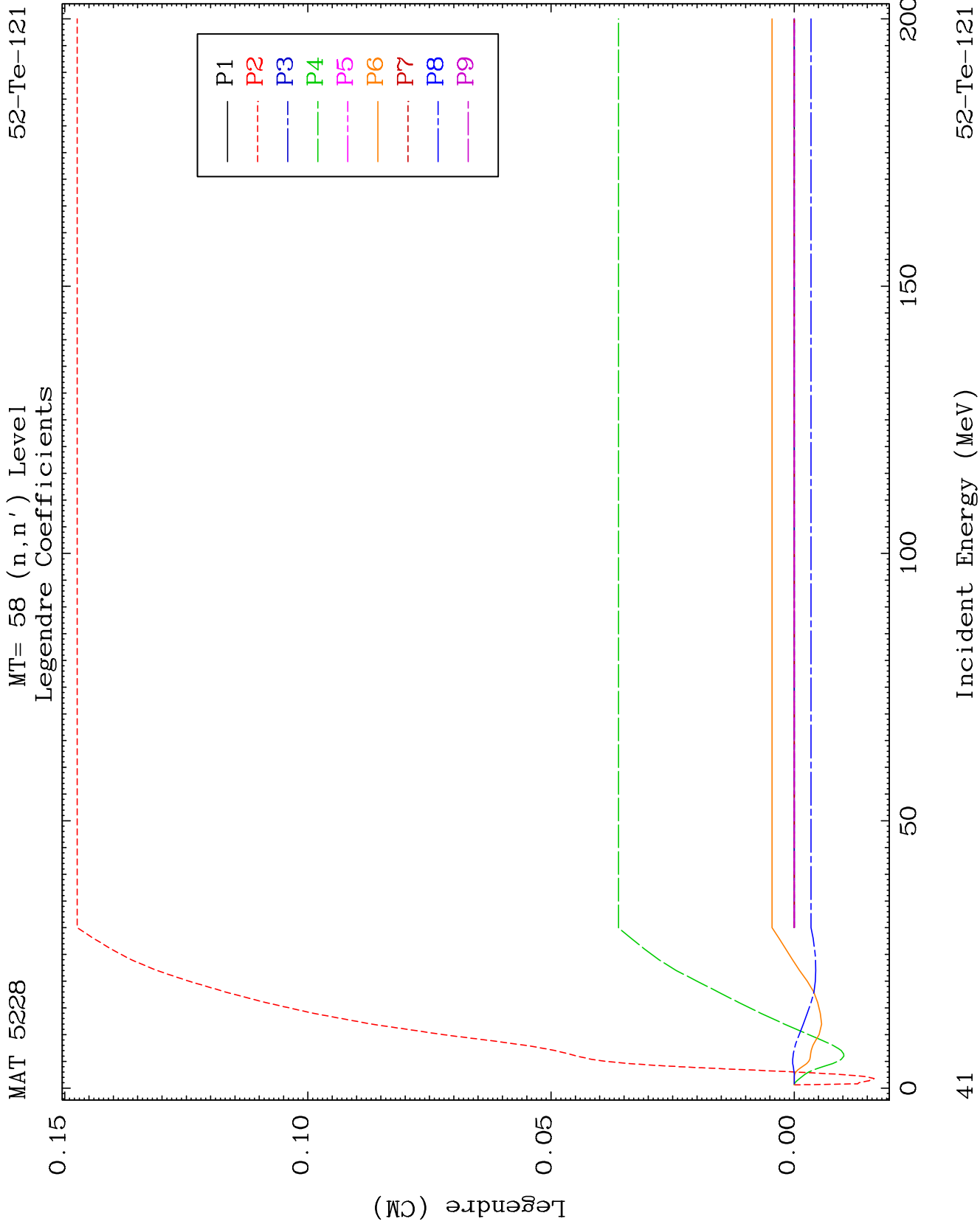
MT= 57 (n,n') Level
Legendre Coefficients

52-Te-121

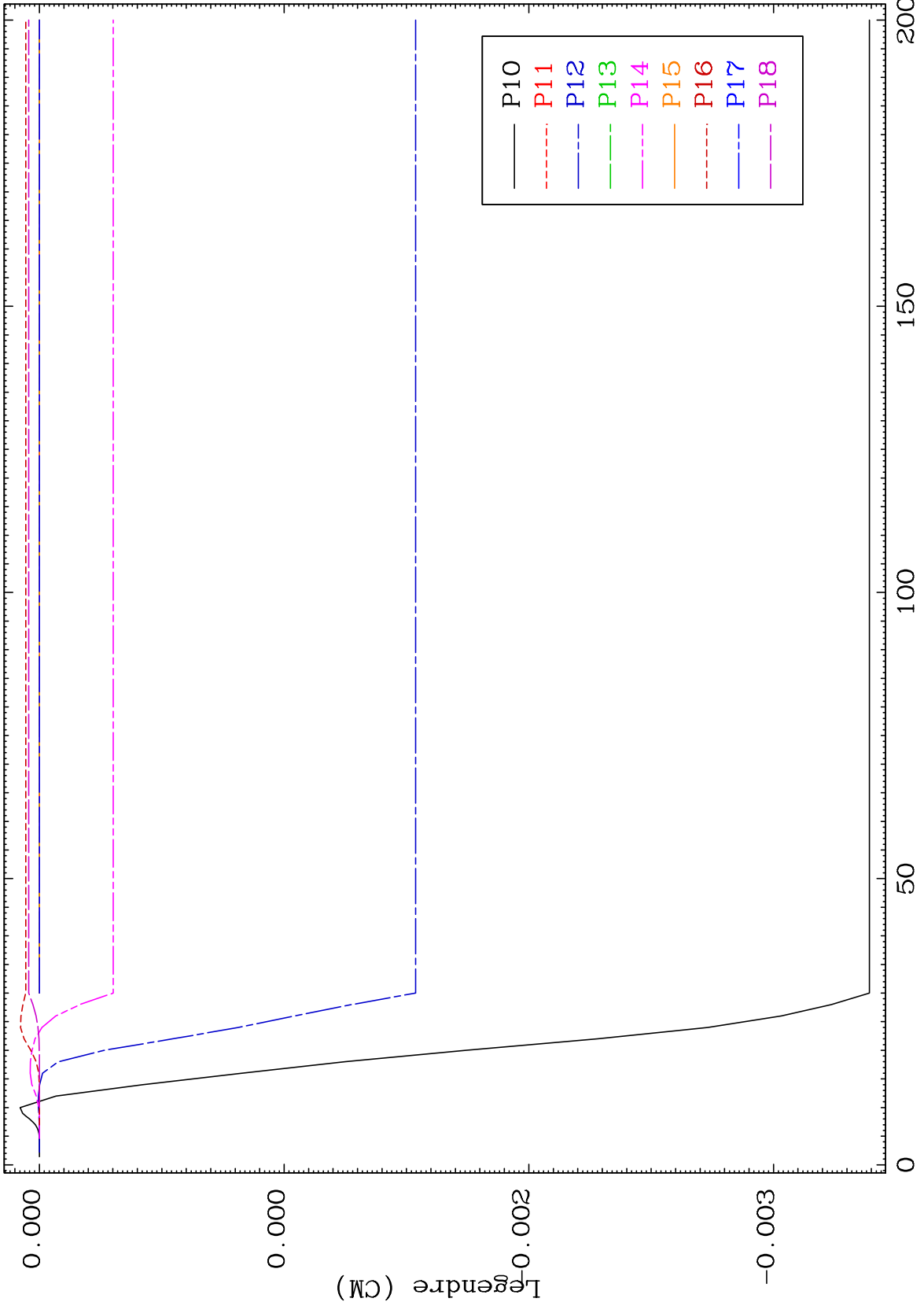


39

52-Te-121

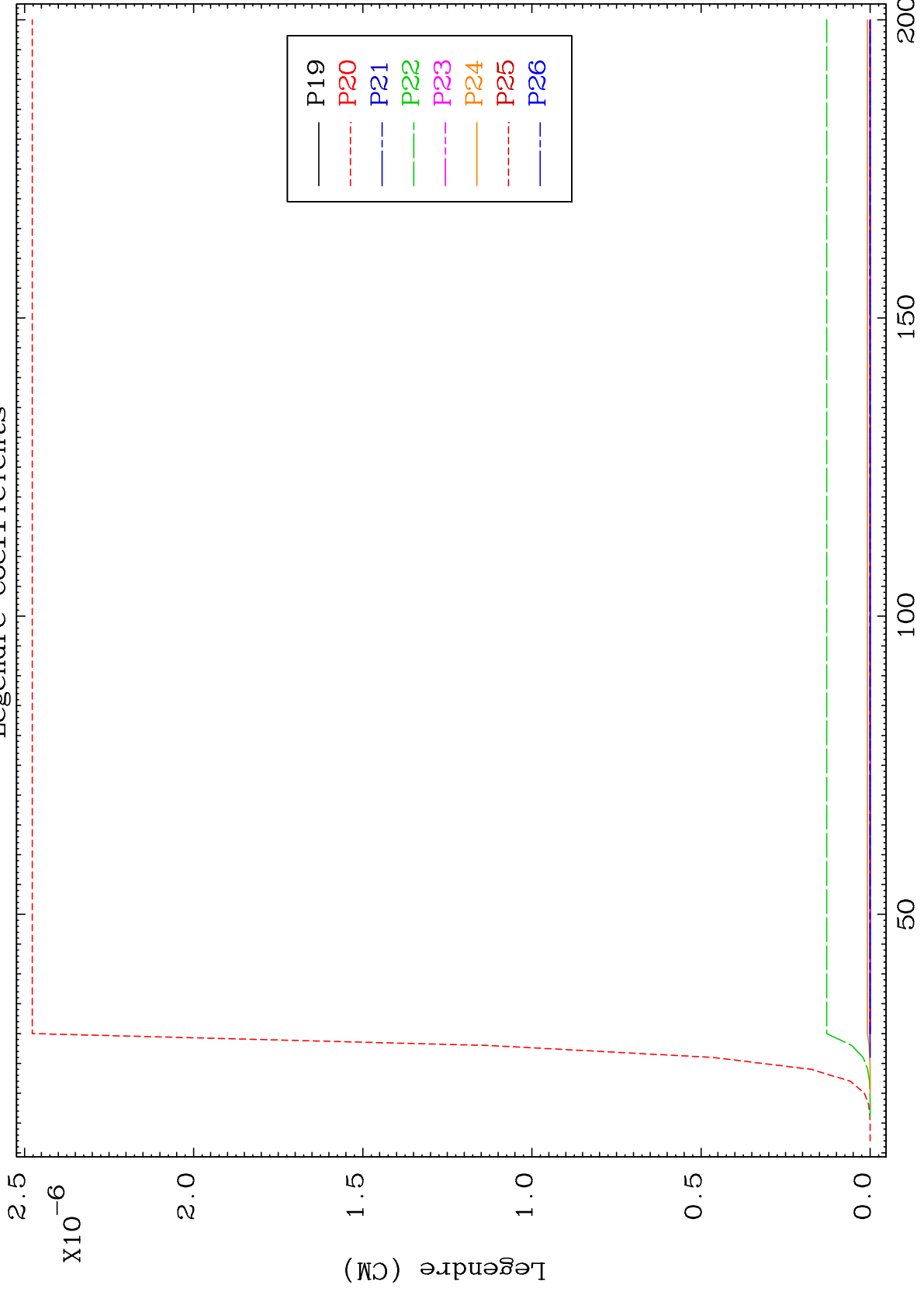


MAT 5228 MT= 58 (n,n') Level Legendre Coefficients 52-Te-121

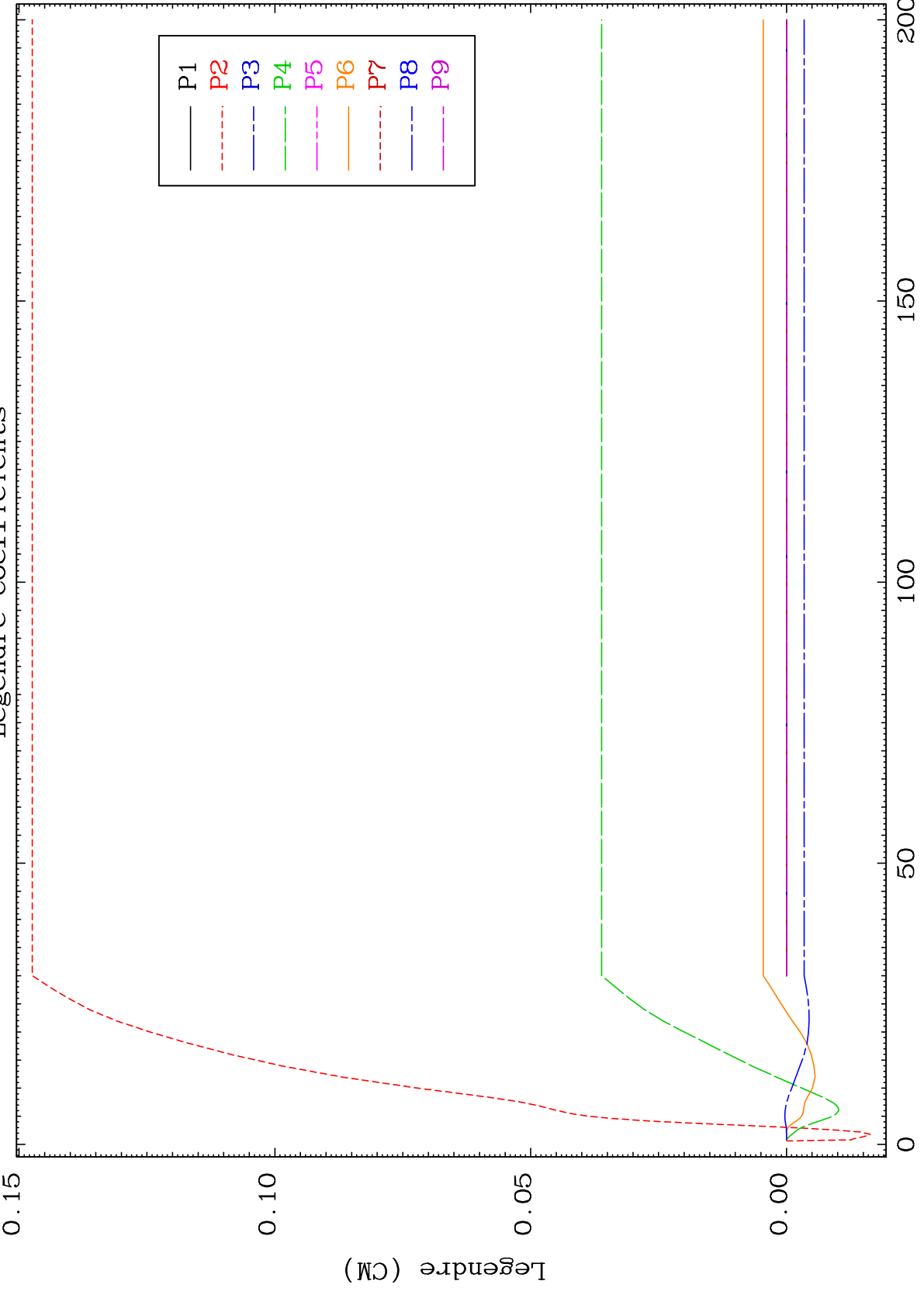


42 52-Te-121

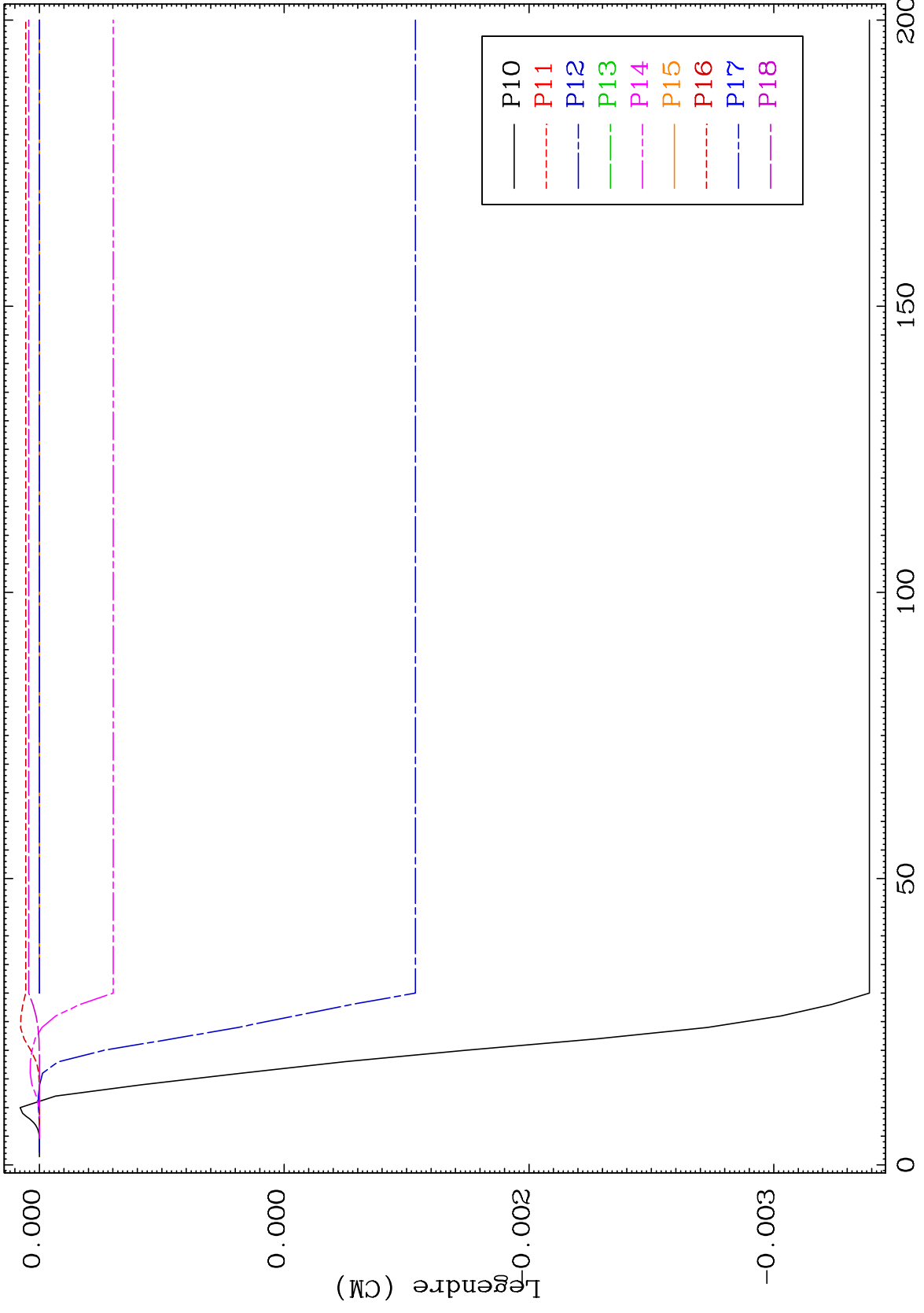
MAT 5228 MT= 58 (n,n') Level Legendre Coefficients 52-Te-121



MAT 5228 MT= 59 (n,n') Level Legendre Coefficients 52-Te-121

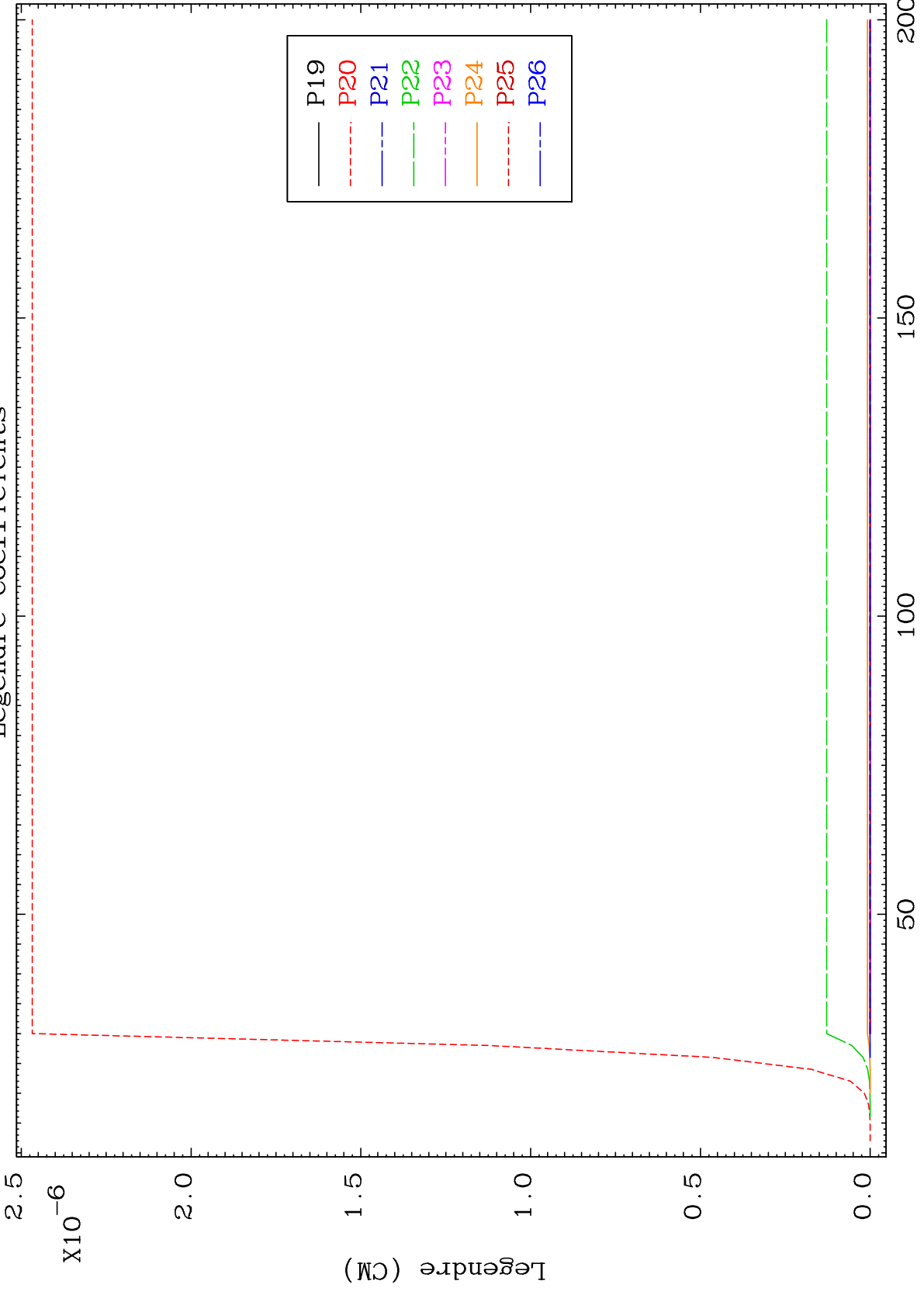


MAT 5228 MT= 59 (n,n') Level Legendre Coefficients 52-Te-121



45 Incident Energy (MeV) 52-Te-121

MAT 5228 MT= 59 (n,n') Level Legendre Coefficients 52-Te-121

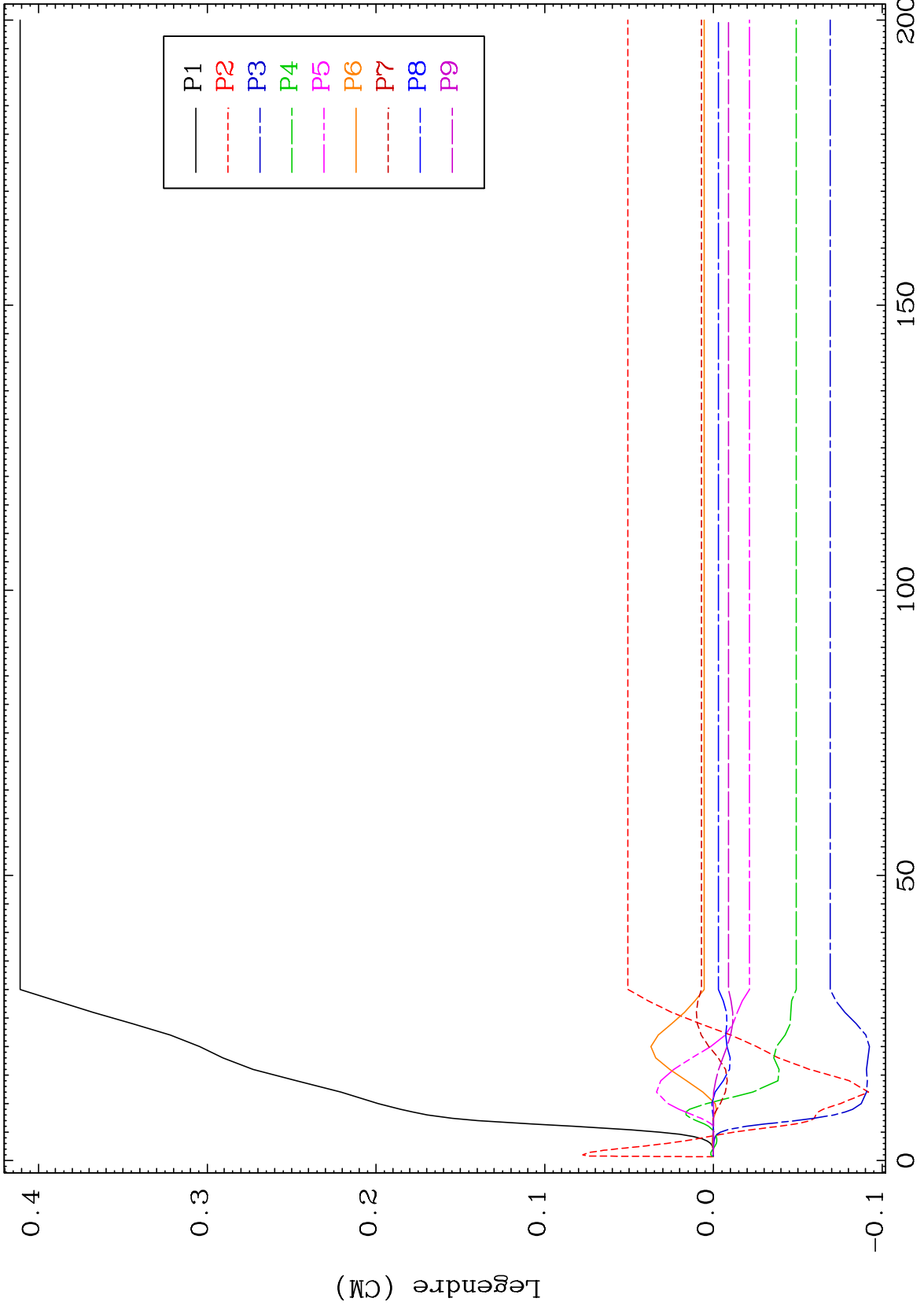


46 Incident Energy (MeV) 52-Te-121

MAT 5228

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

52-Te-121



47

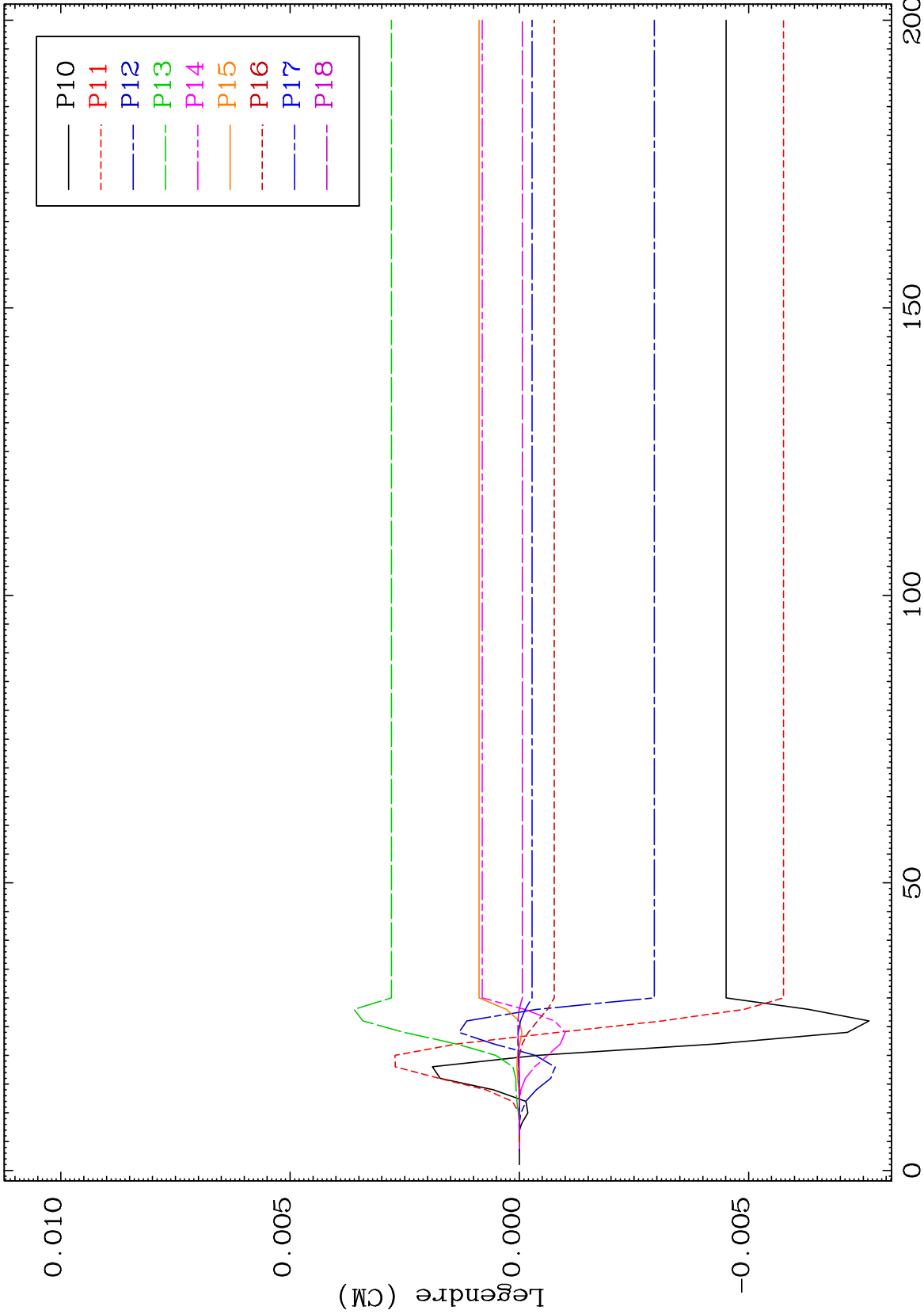
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121



48

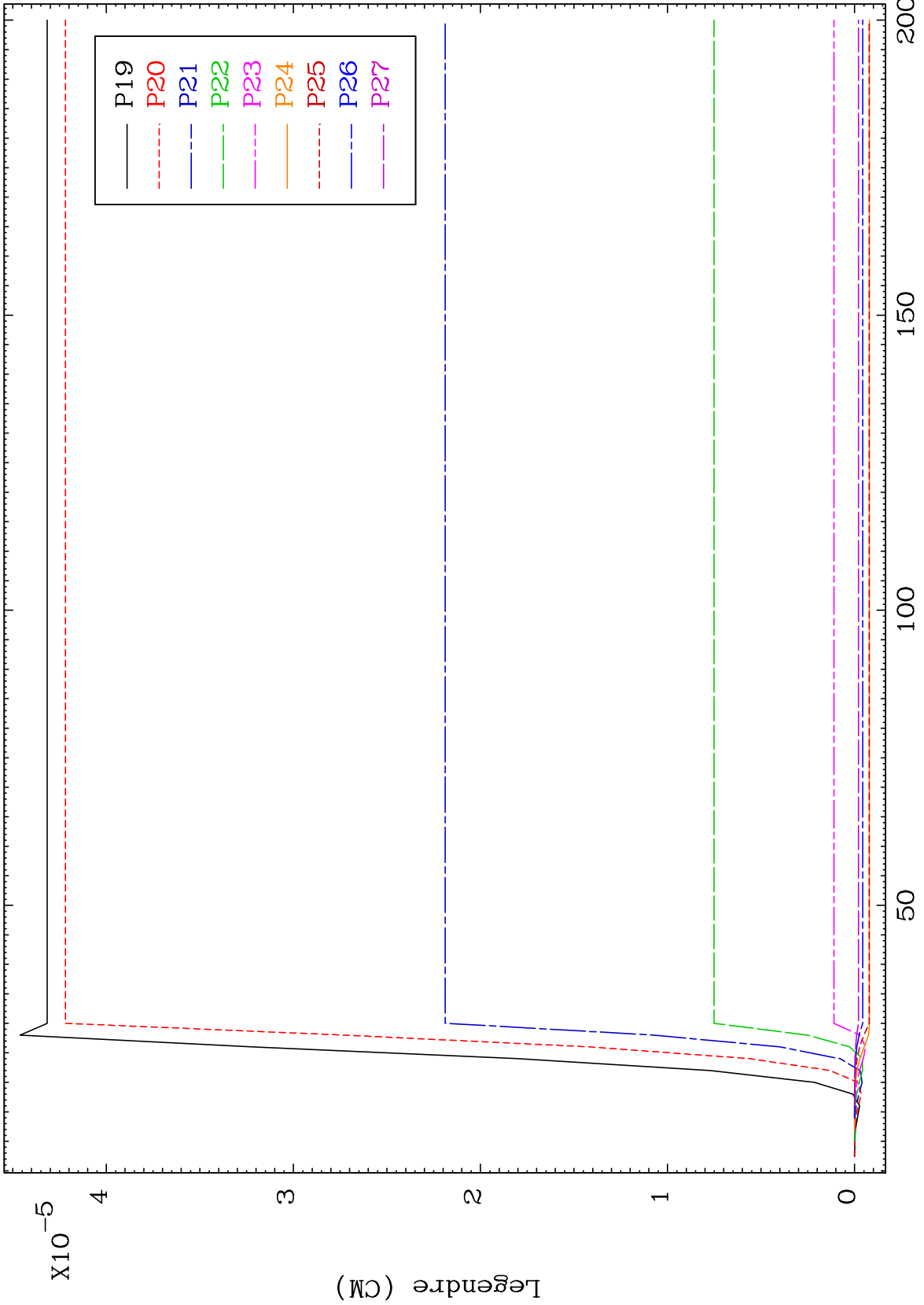
Incident Energy (MeV)

52-Te-121

MAT 5228

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

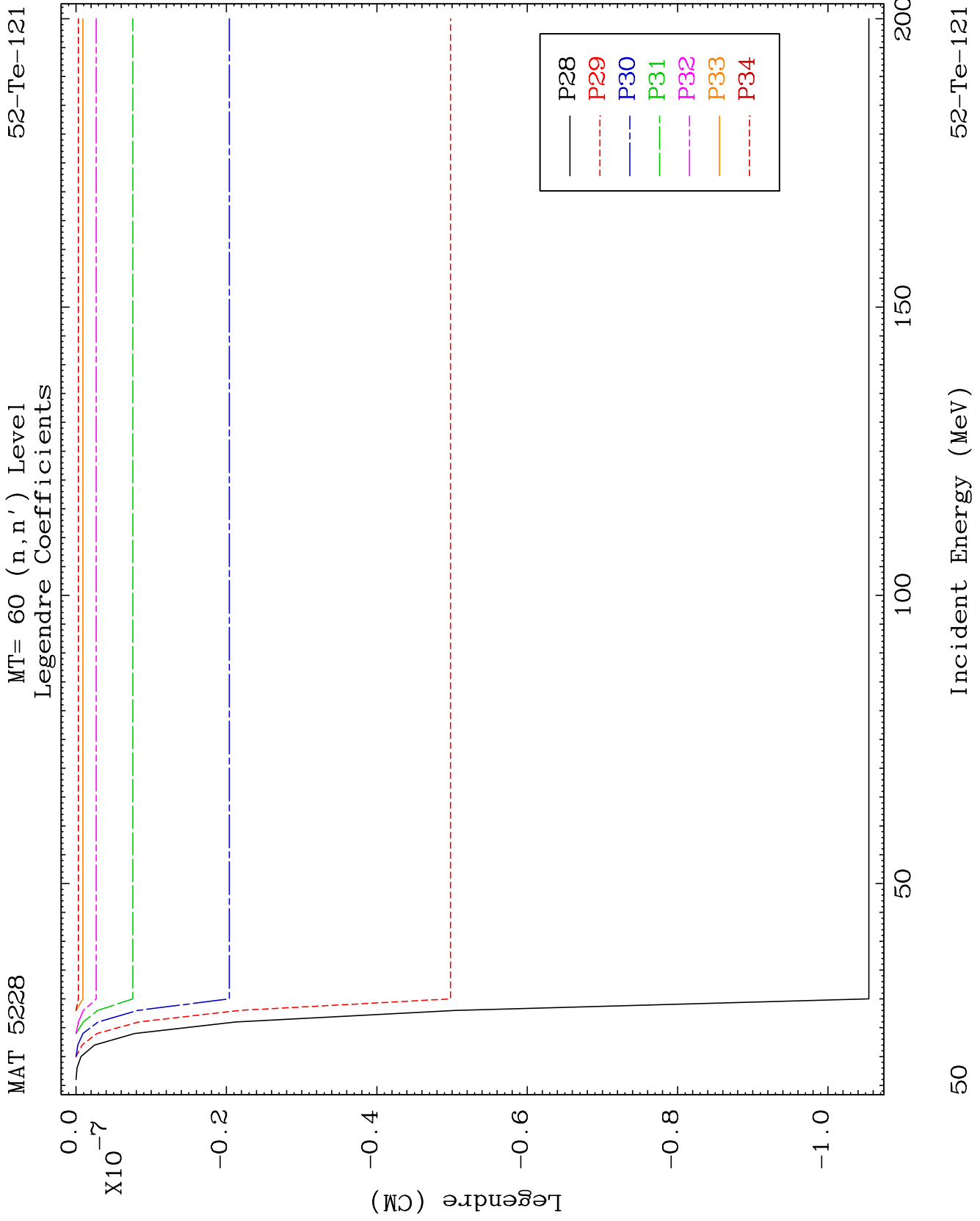
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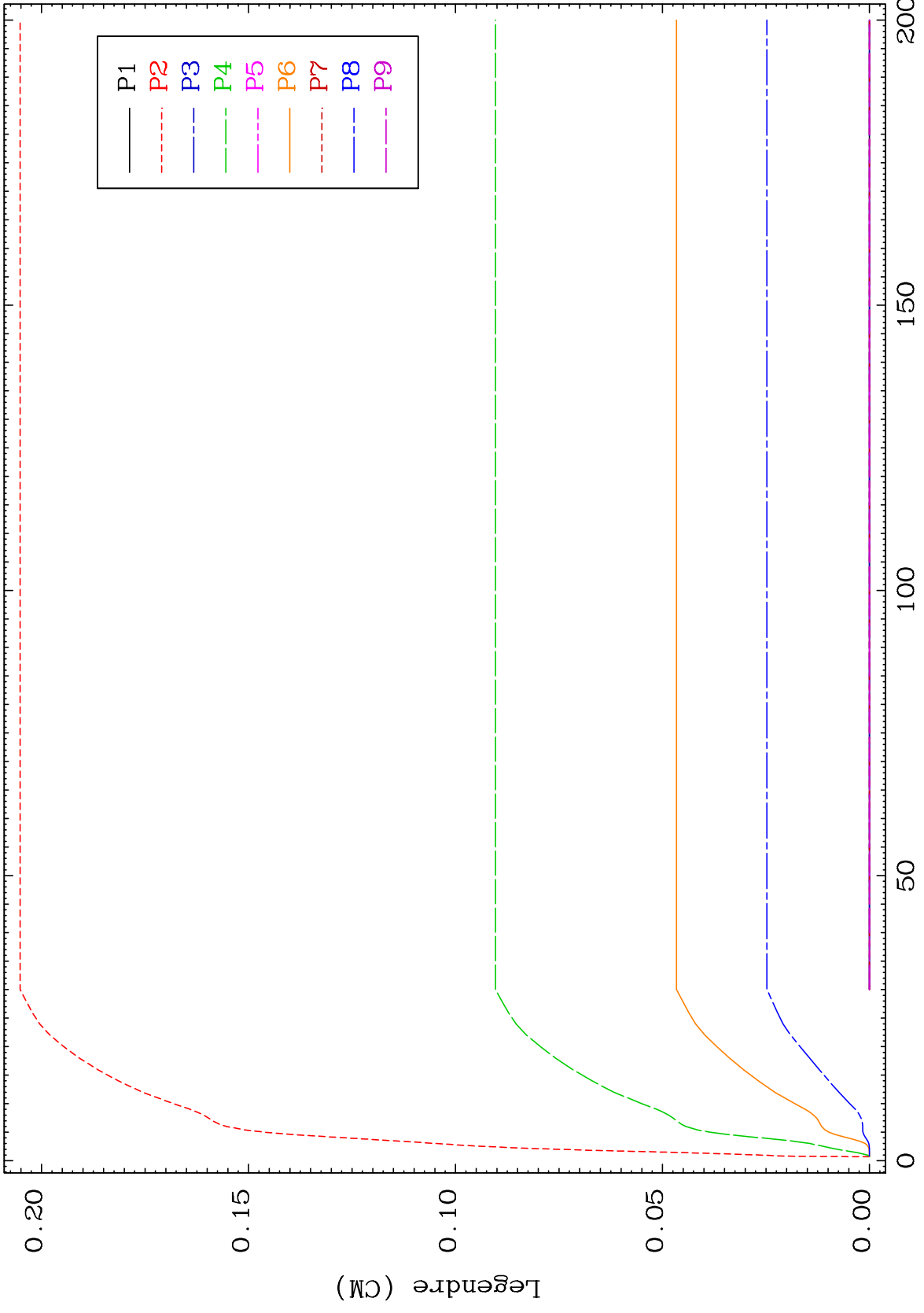
49

Incident Energy (MeV)

52-Te-121



MAT 5228 MT= 61 (n,n') Level Legendre Coefficients 52-Te-121

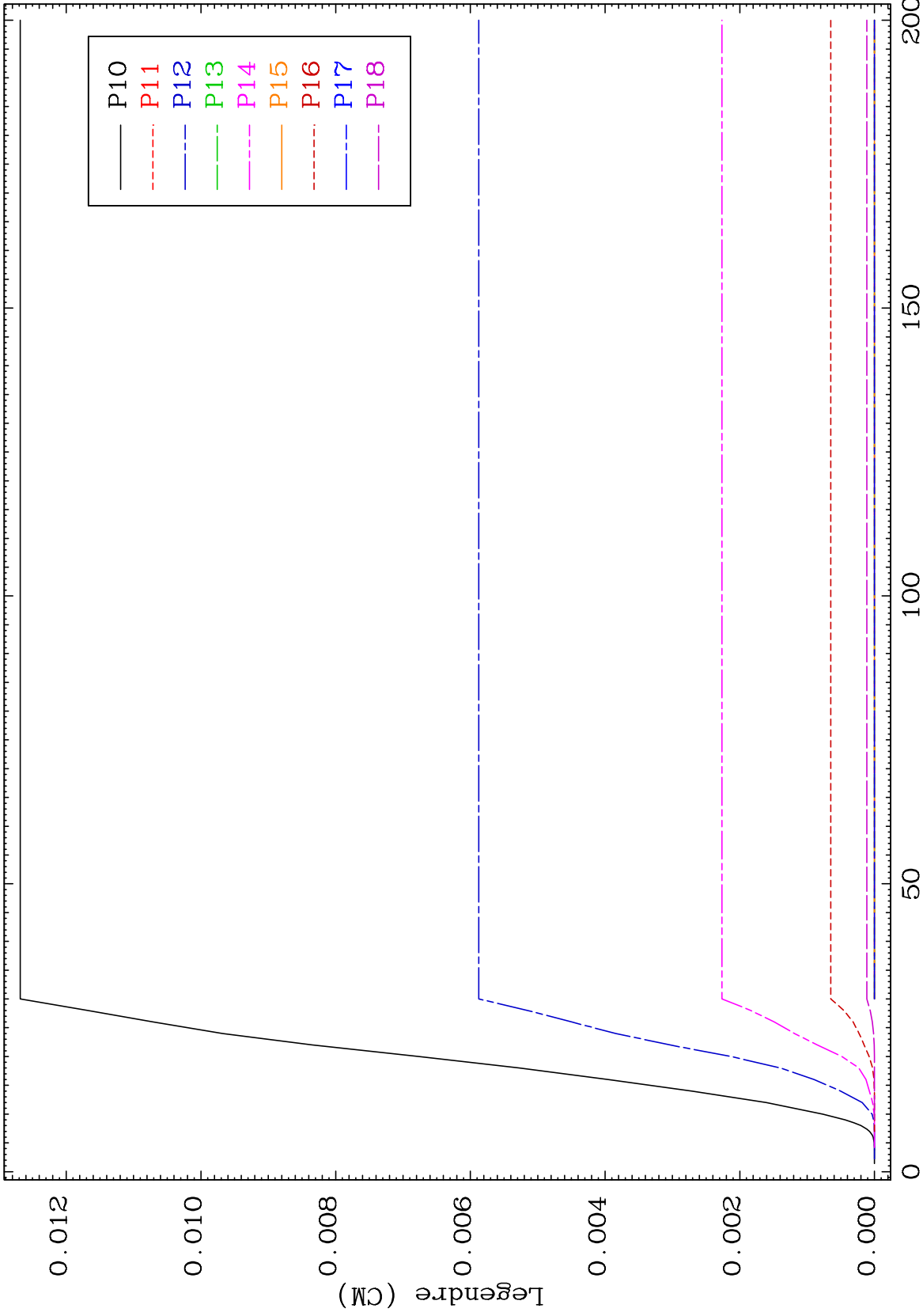


51 52-Te-121

MAT 5228

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

52-Te-121

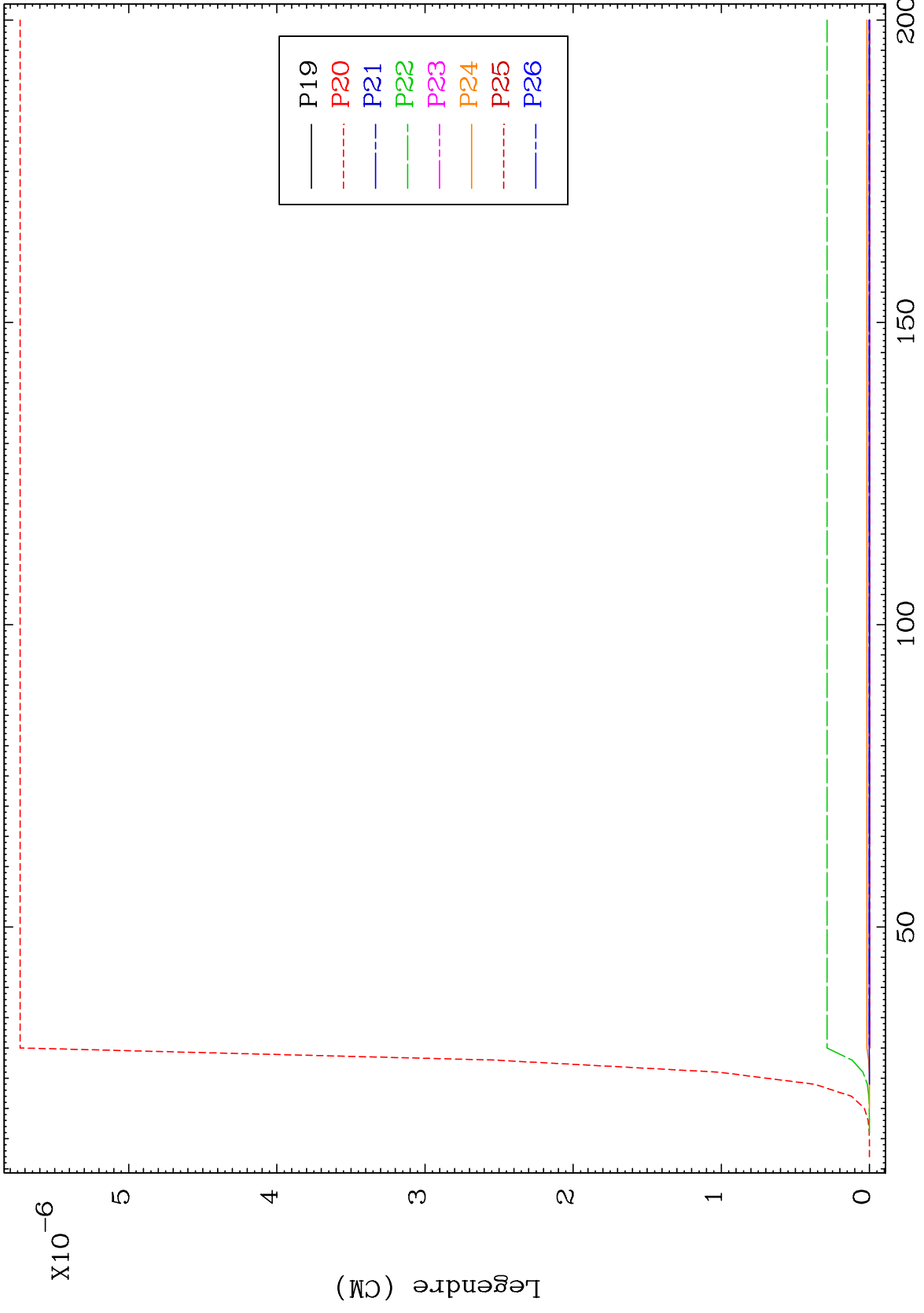


52

Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 61 (n,n') Level Legendre Coefficients 52-Te-121

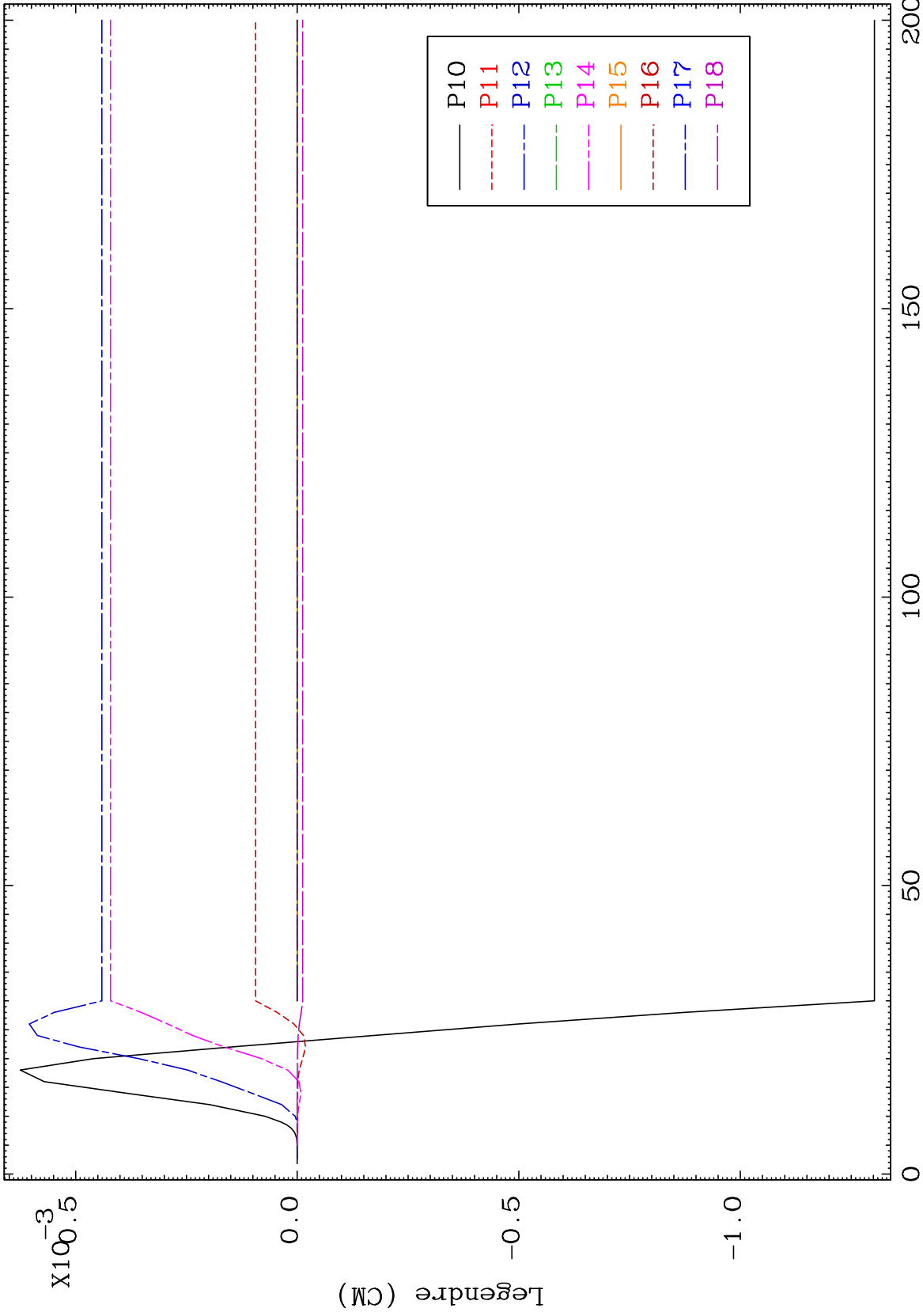


53 Incident Energy (MeV) 52-Te-121

MAT 5228

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

52-Te-121

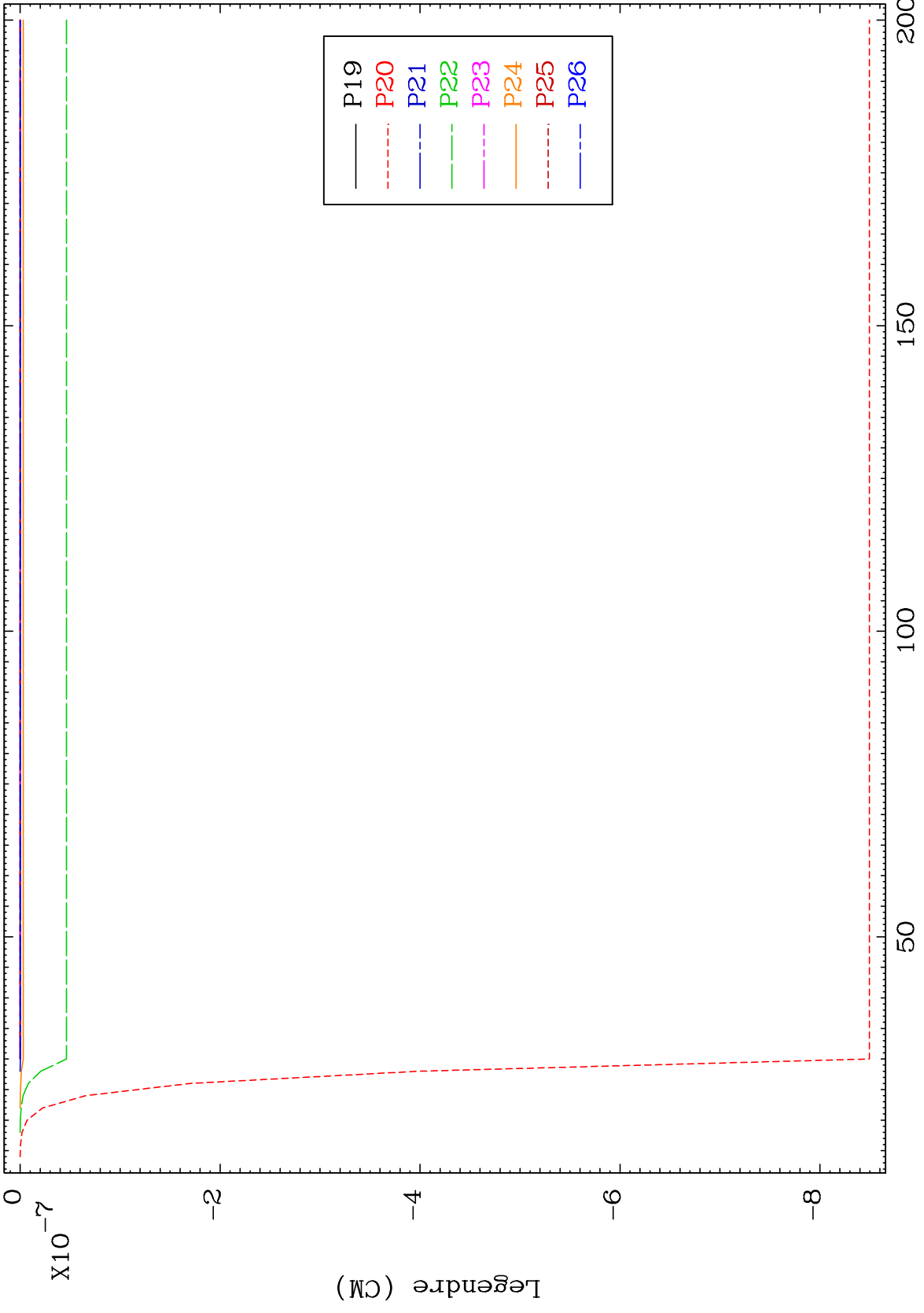


55

Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 62 (n,n') Level Legendre Coefficients 52-Te-121

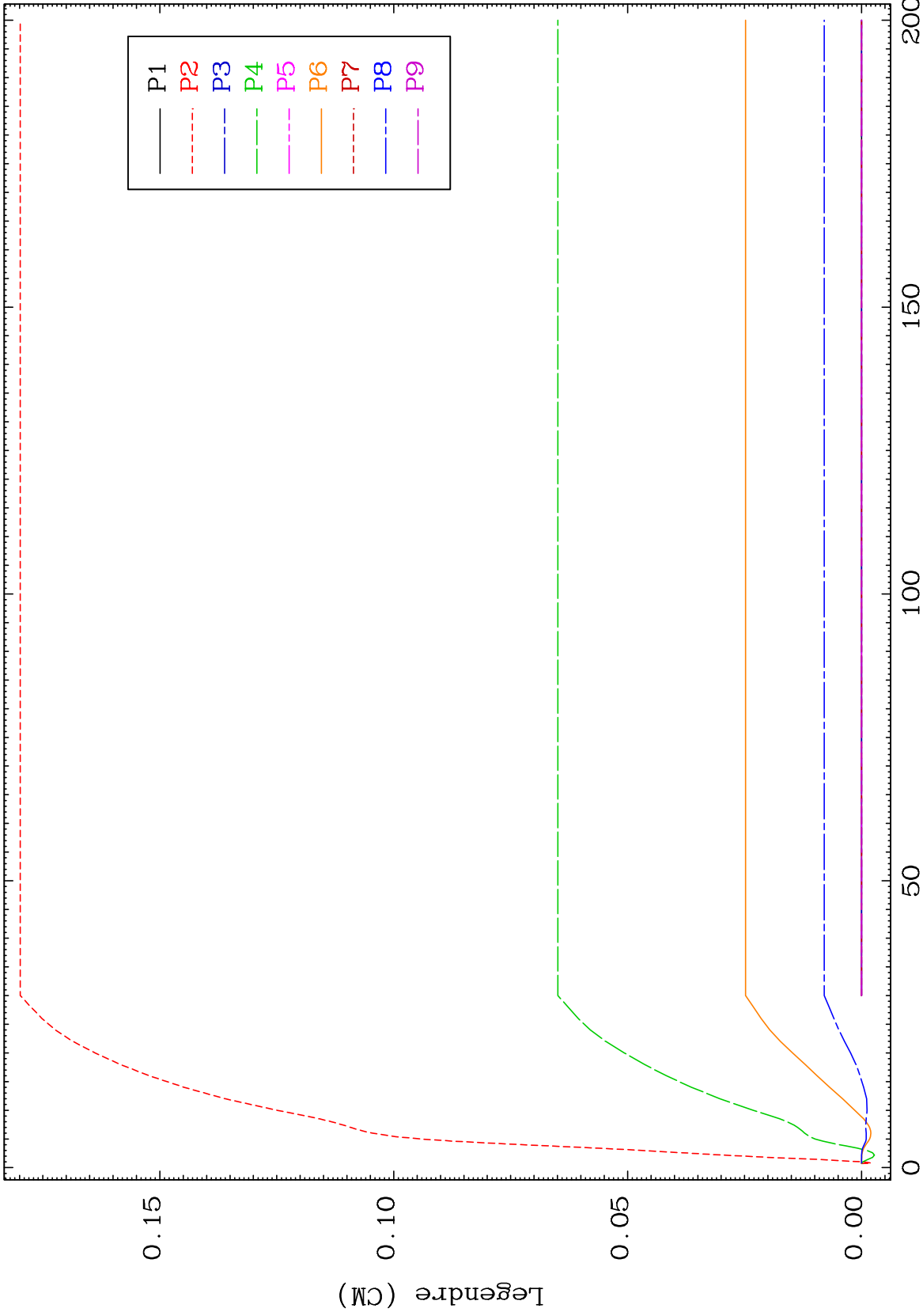


56 52-Te-121

MAT 5228

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

52-Te-121



57

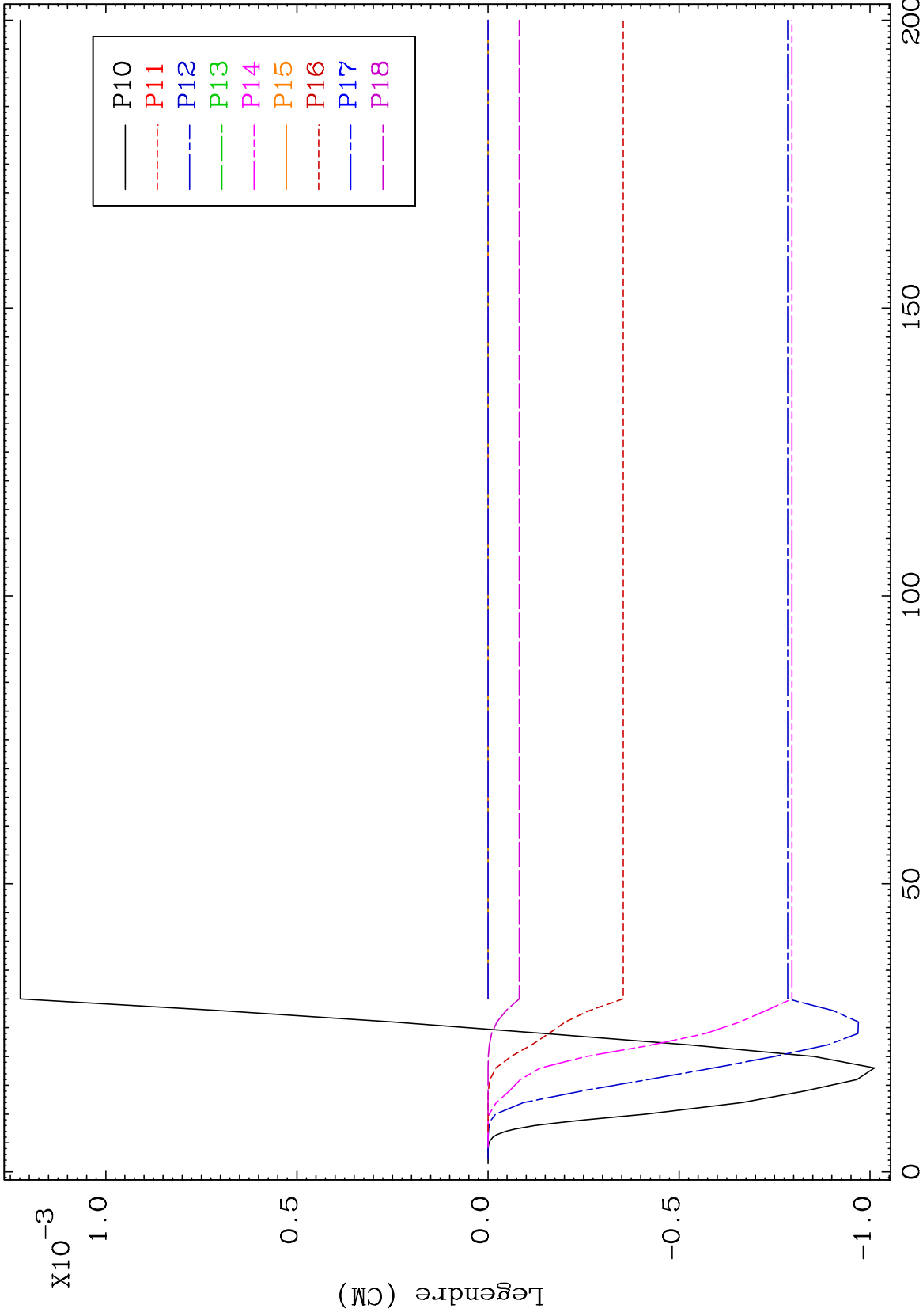
52-Te-121

52-Te-121

MAT 5228

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

52-Te-121



58

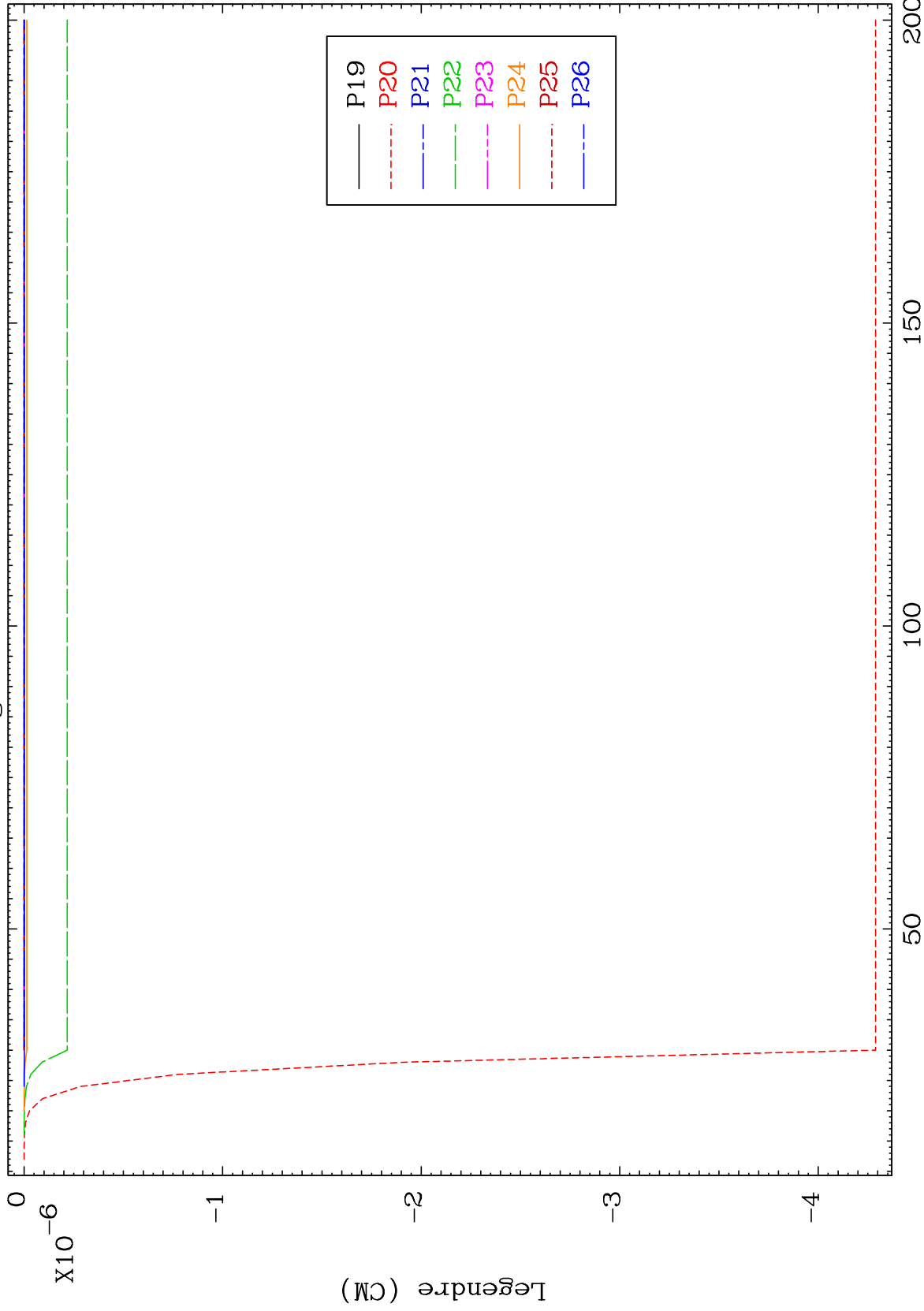
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121



59

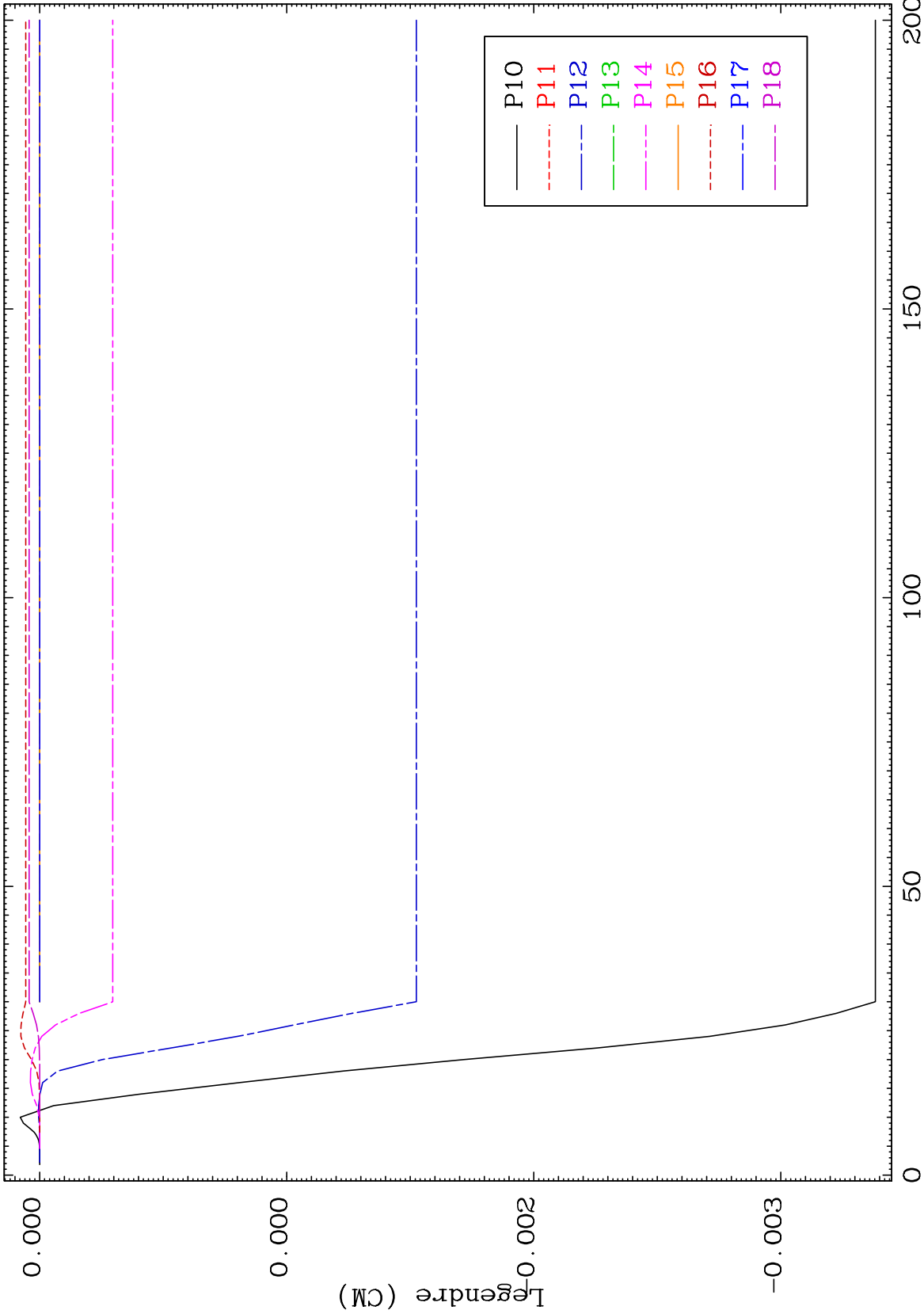
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121

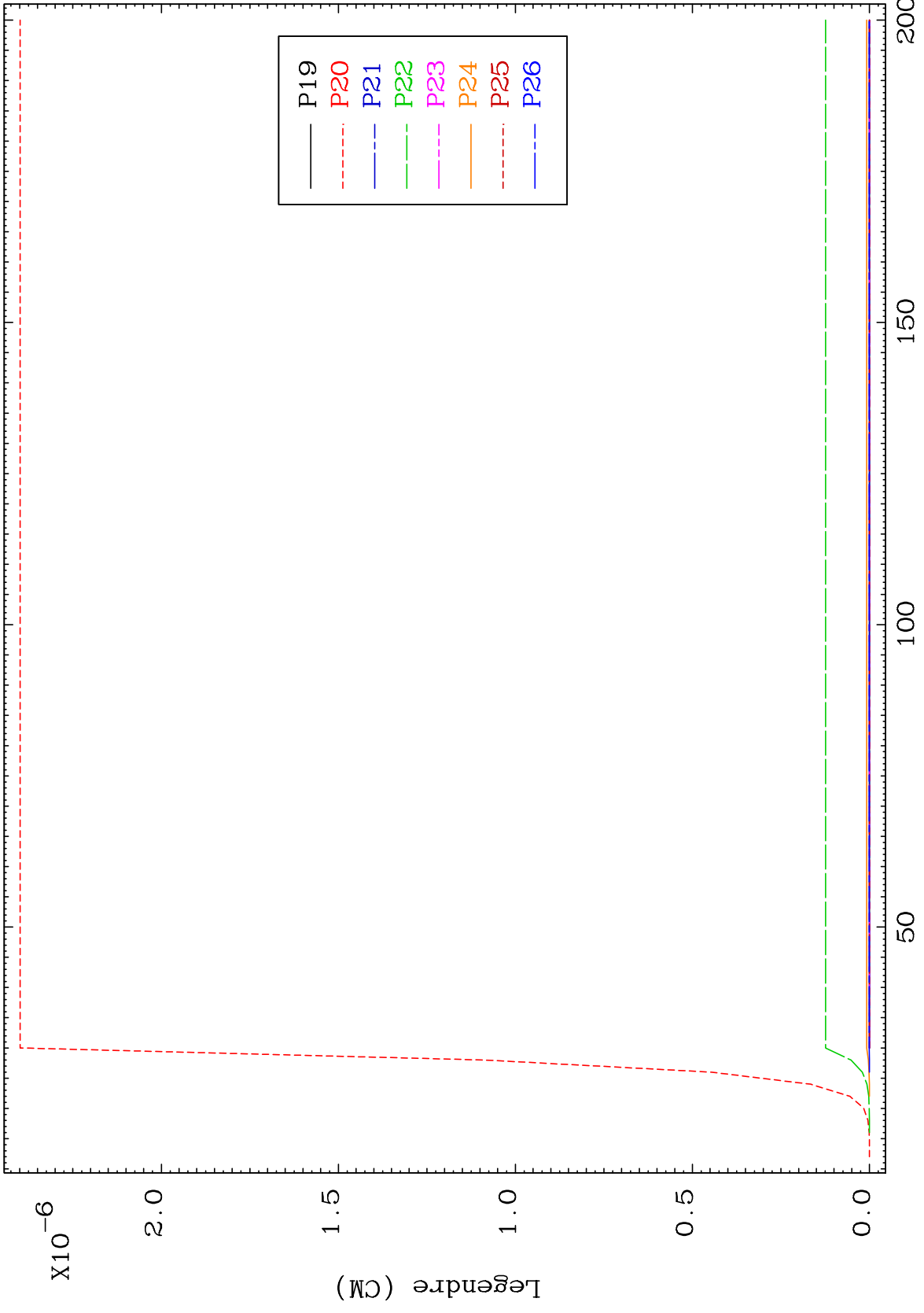


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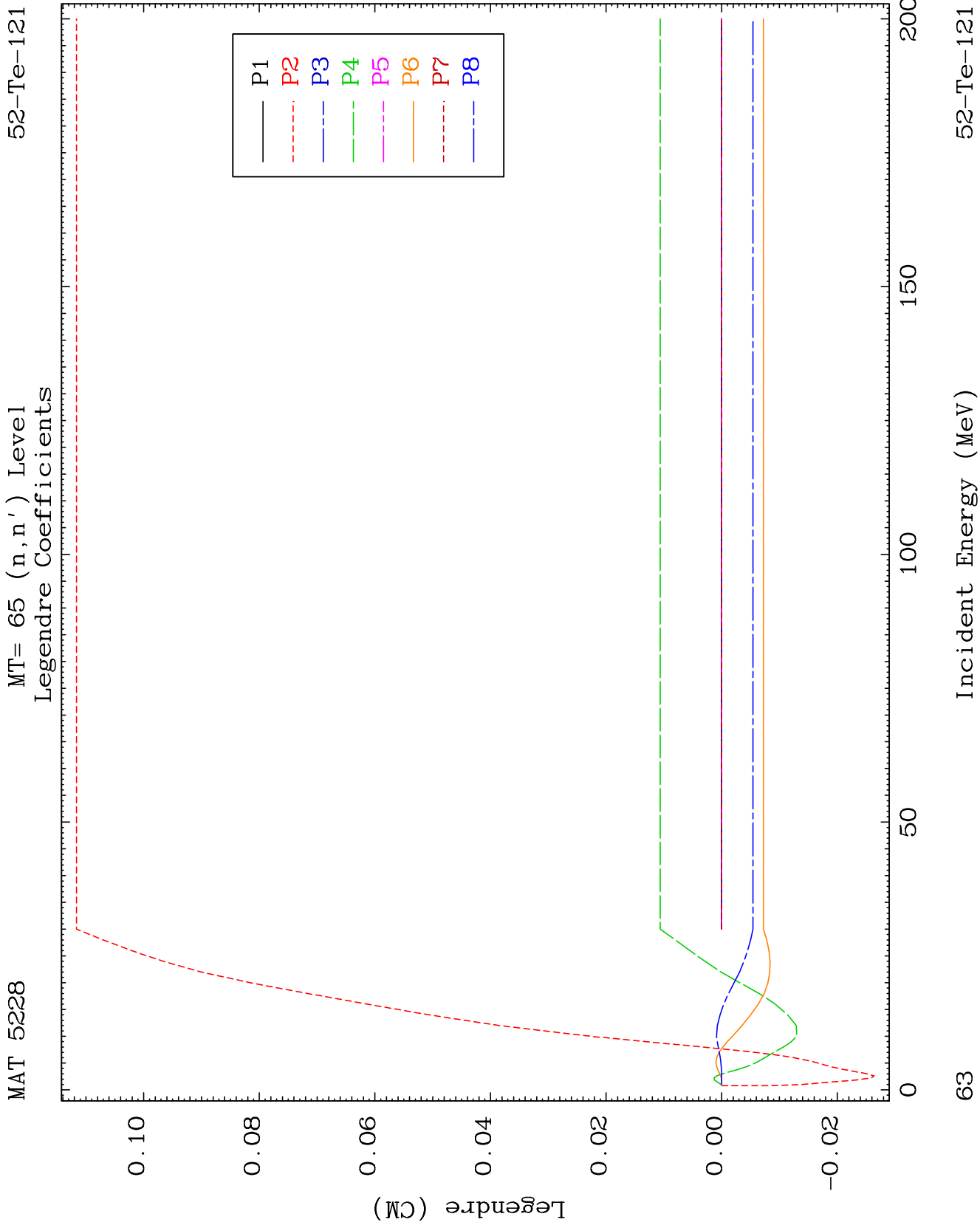
Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 64 (n,n') Level Legendre Coefficients 52-Te-121



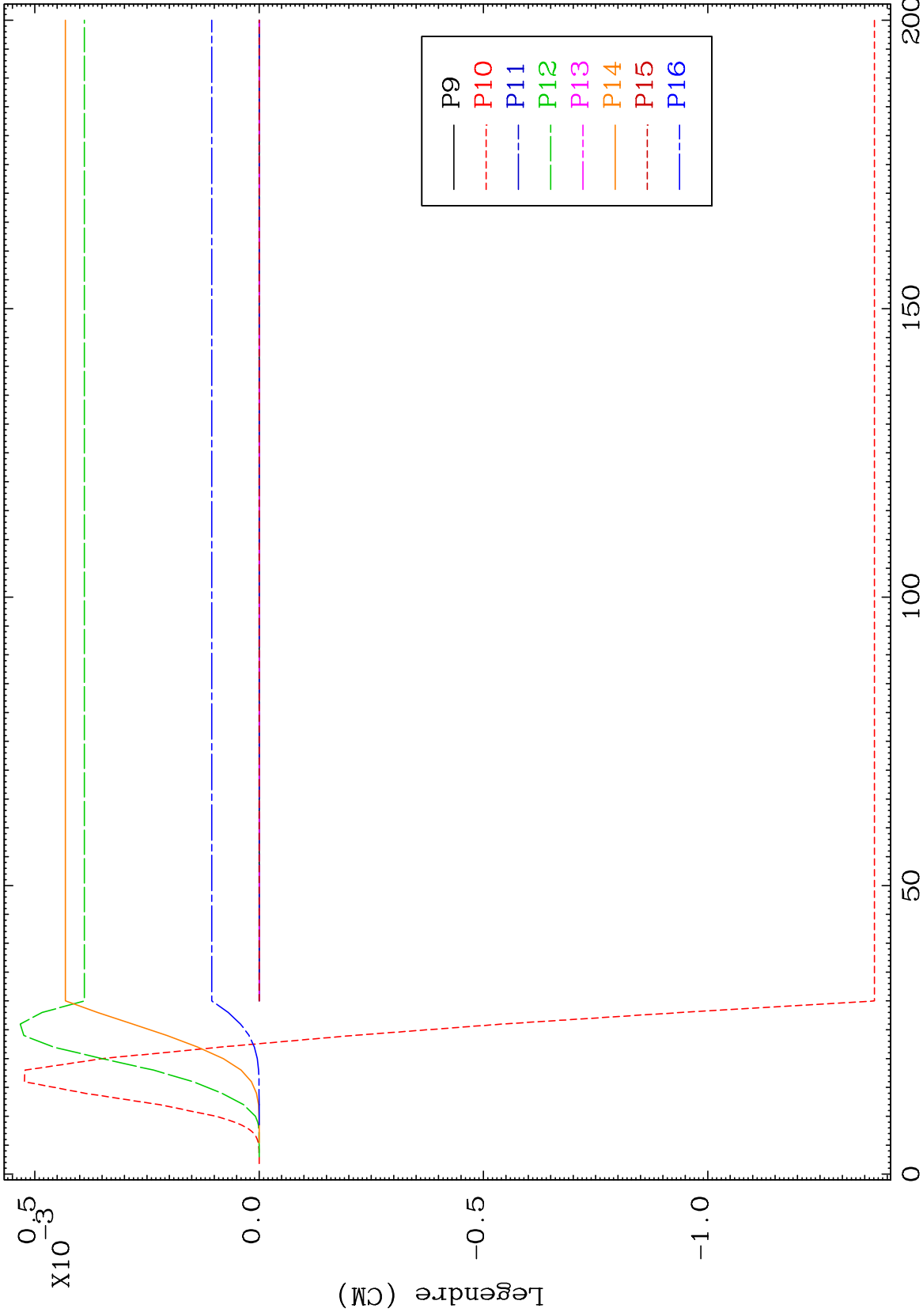
62 Incident Energy (MeV) 52-Te-121



MAT 5228

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

52-Te-121

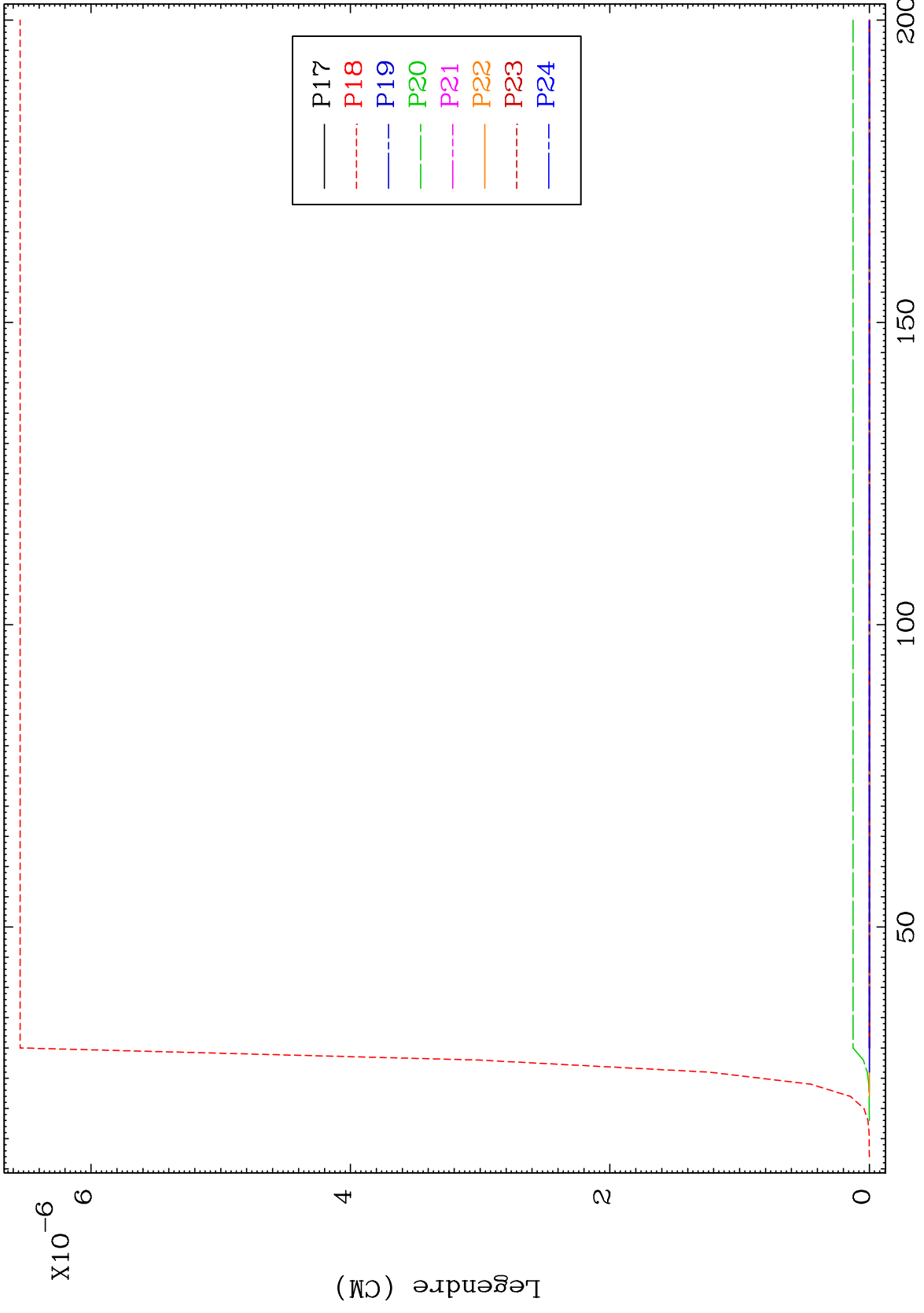


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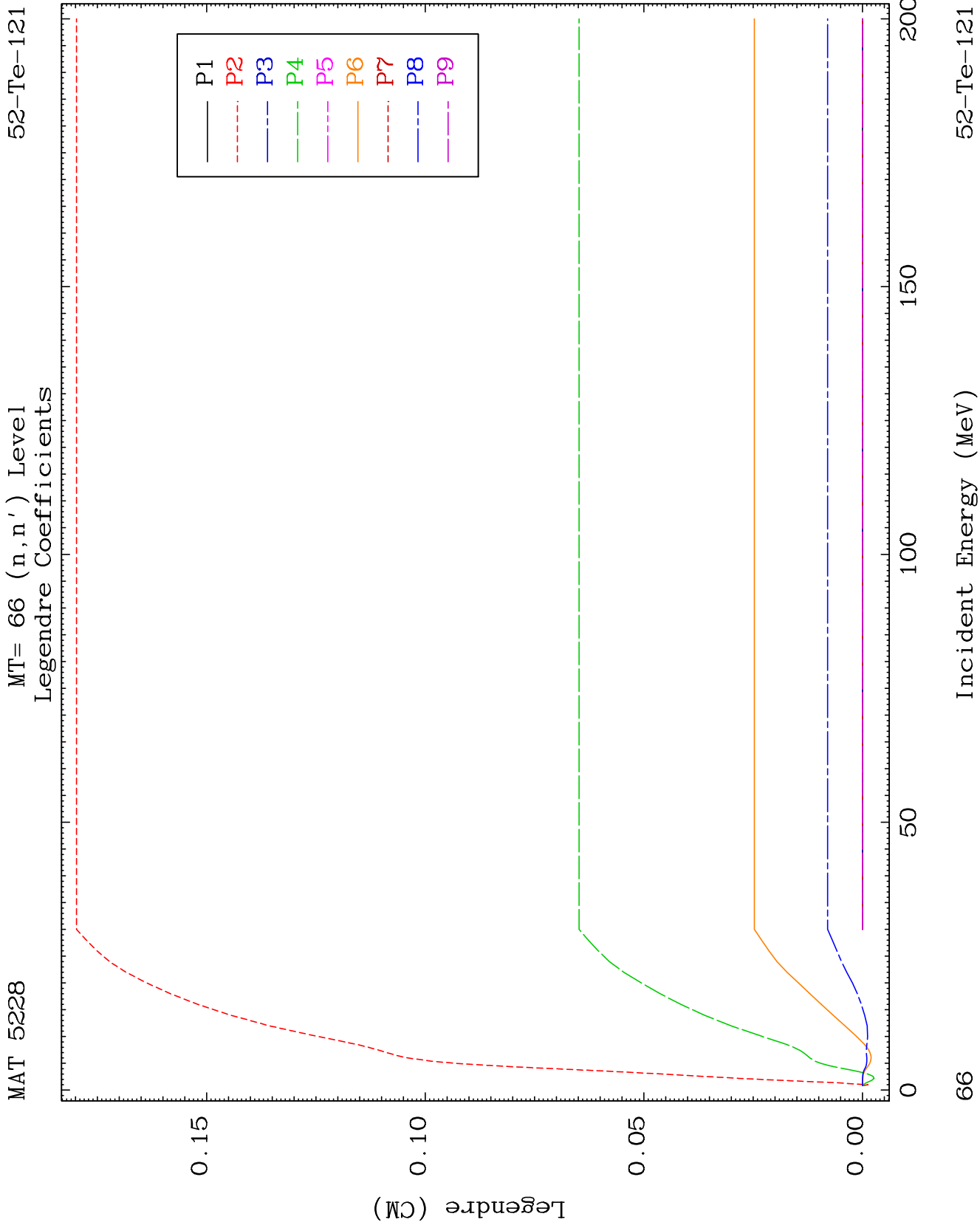
Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 65 (n,n') Level Legendre Coefficients 52-Te-121



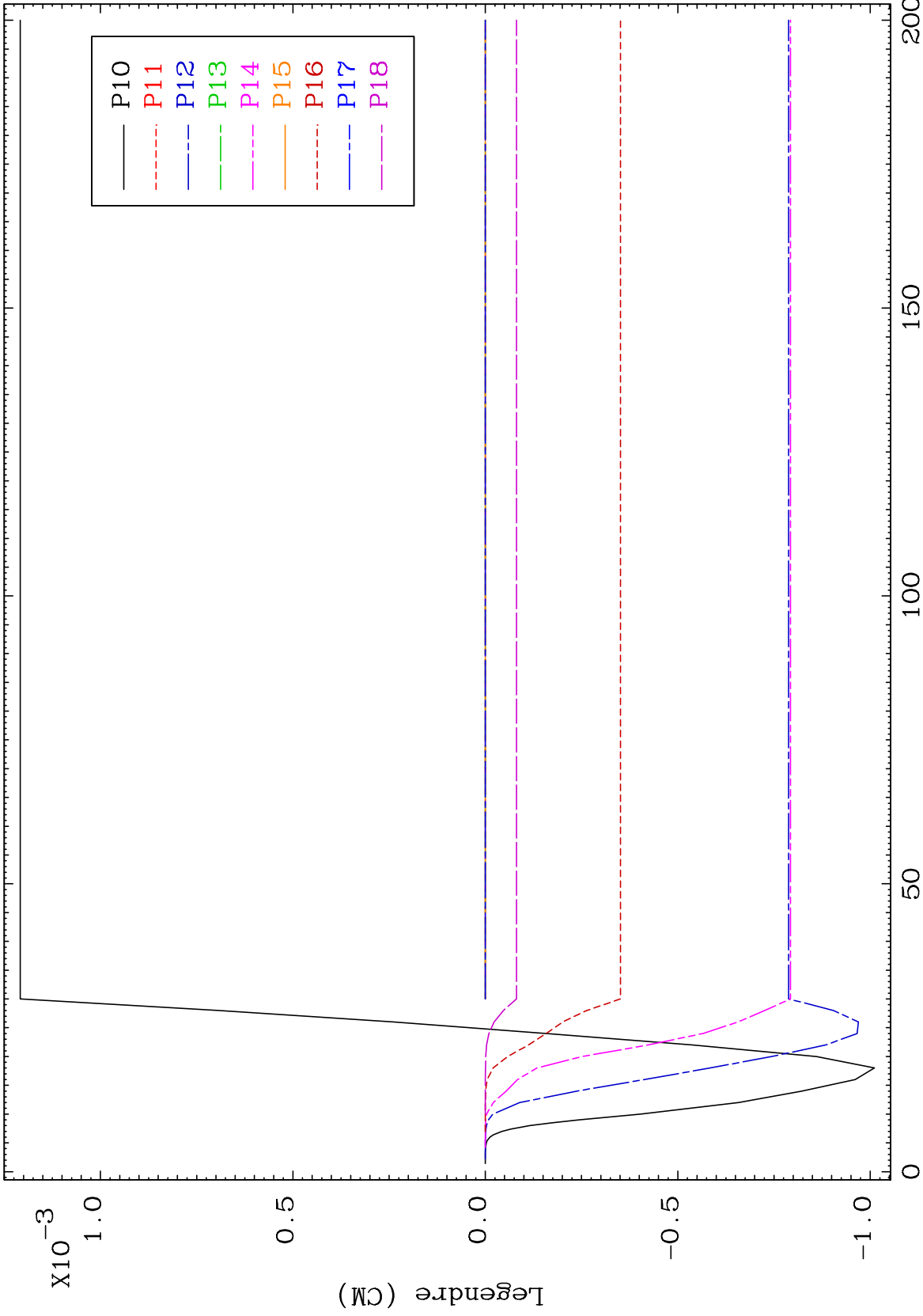
65 Incident Energy (MeV) 52-Te-121



MAT 5228

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

52-Te-121

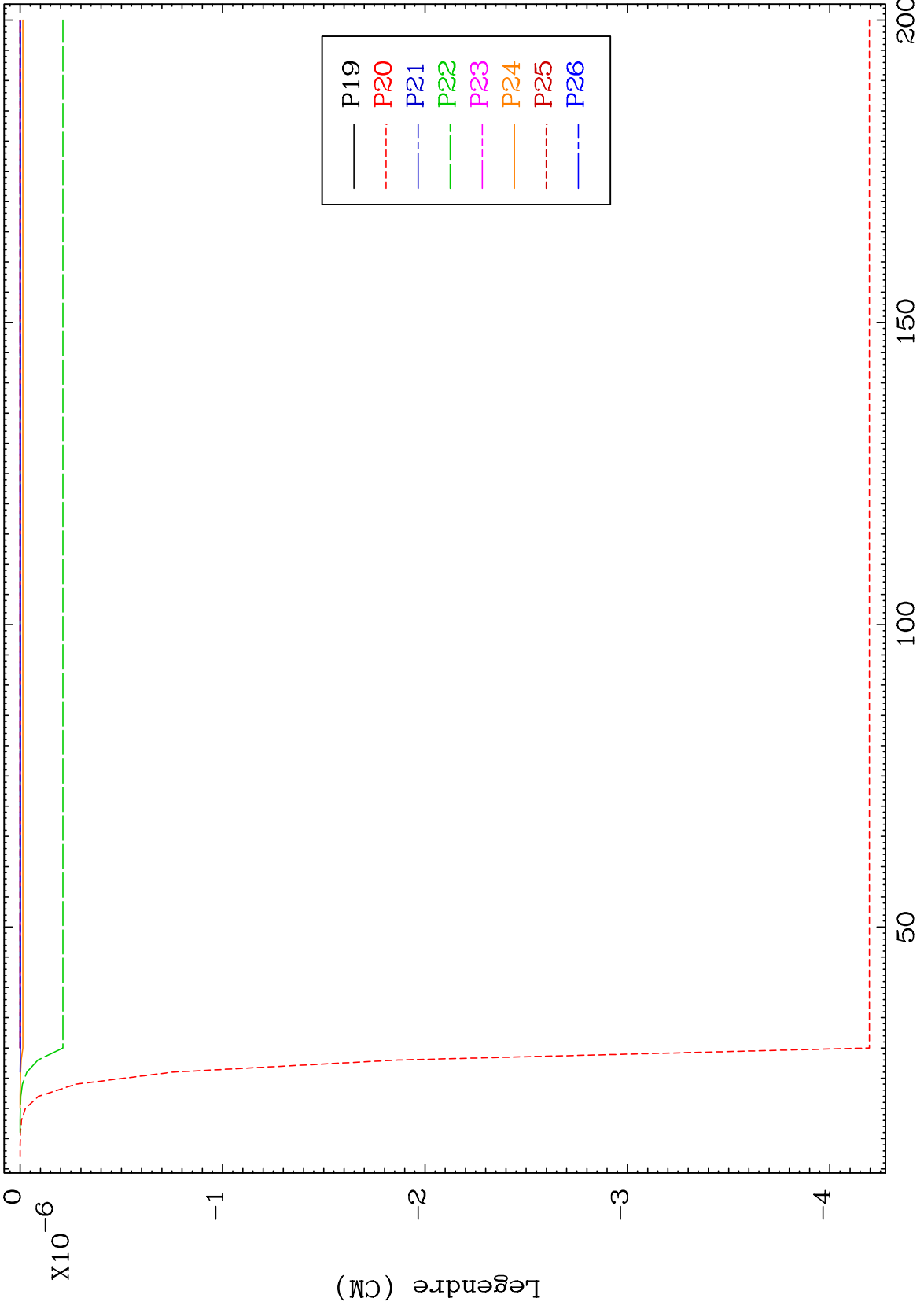


67

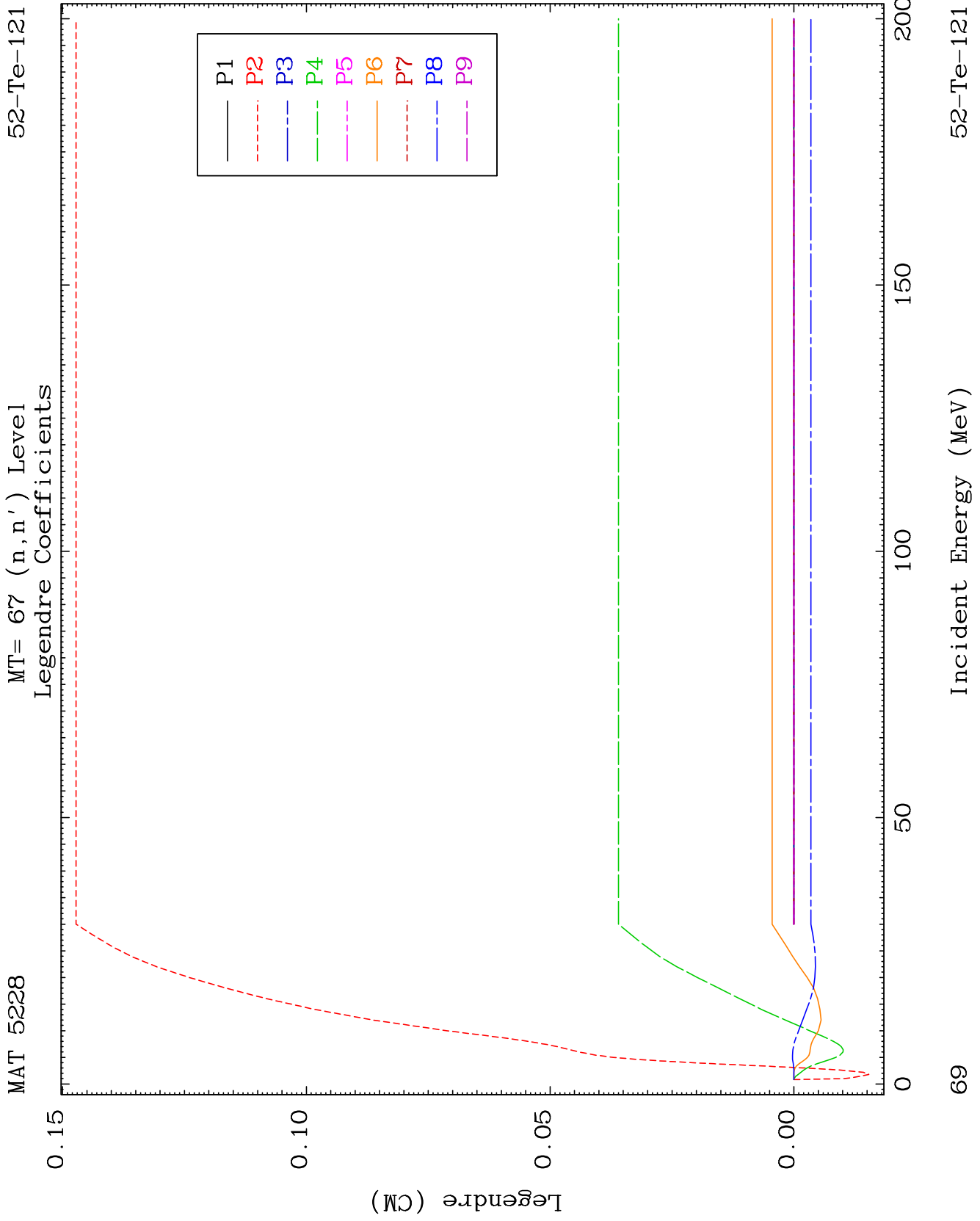
Incident Energy (MeV)

52-Te-121

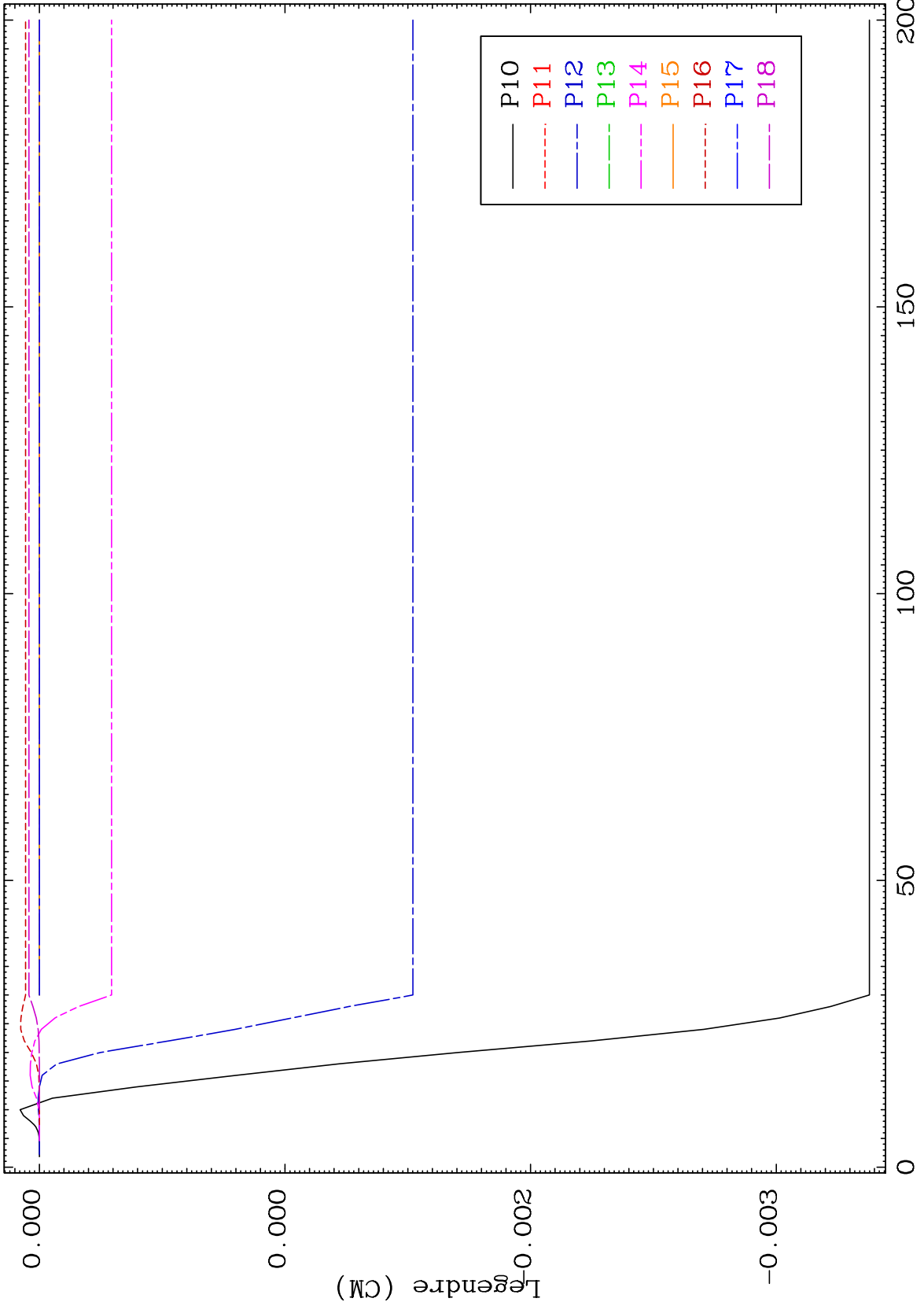
MAT 5228 MT= 66 (n,n') Level Legendre Coefficients 52-Te-121



68 52-Te-121

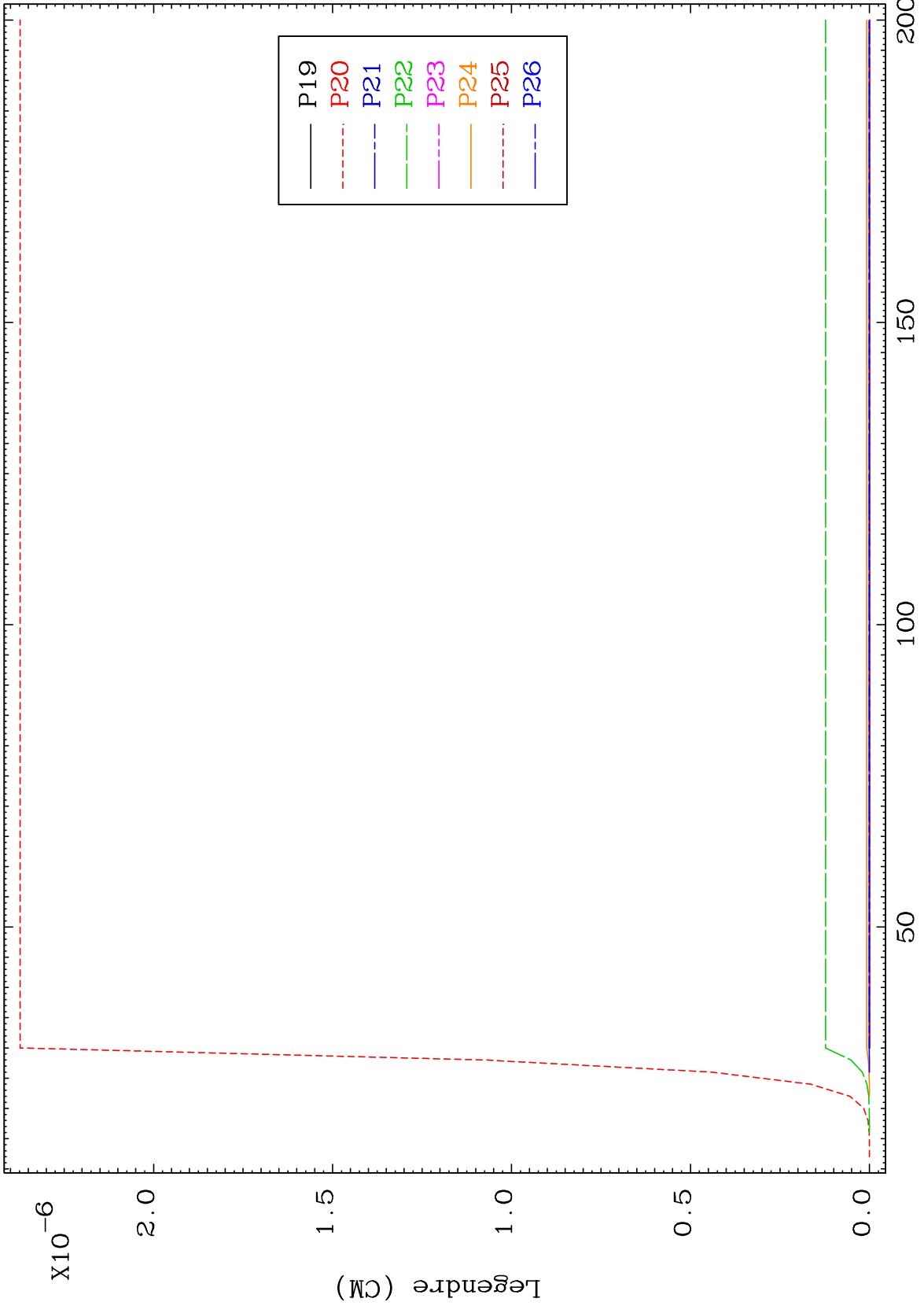


MAT 5228 MT= 67 (n,n') Level Legendre Coefficients 52-Te-121



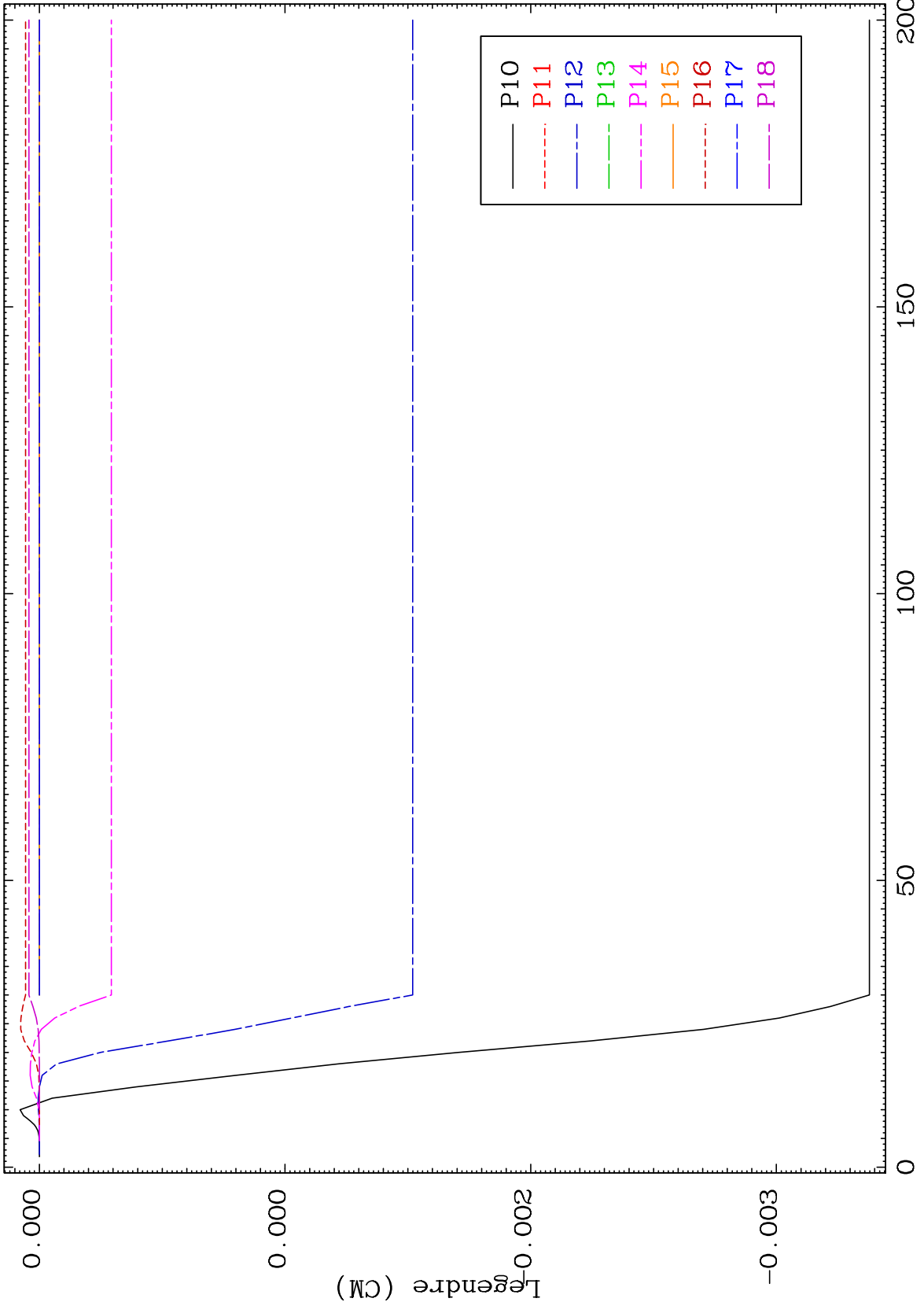
70 Incident Energy (MeV) 52-Te-121

MAT 5228 MT= 67 (n,n') Level Legendre Coefficients 52-Te-121



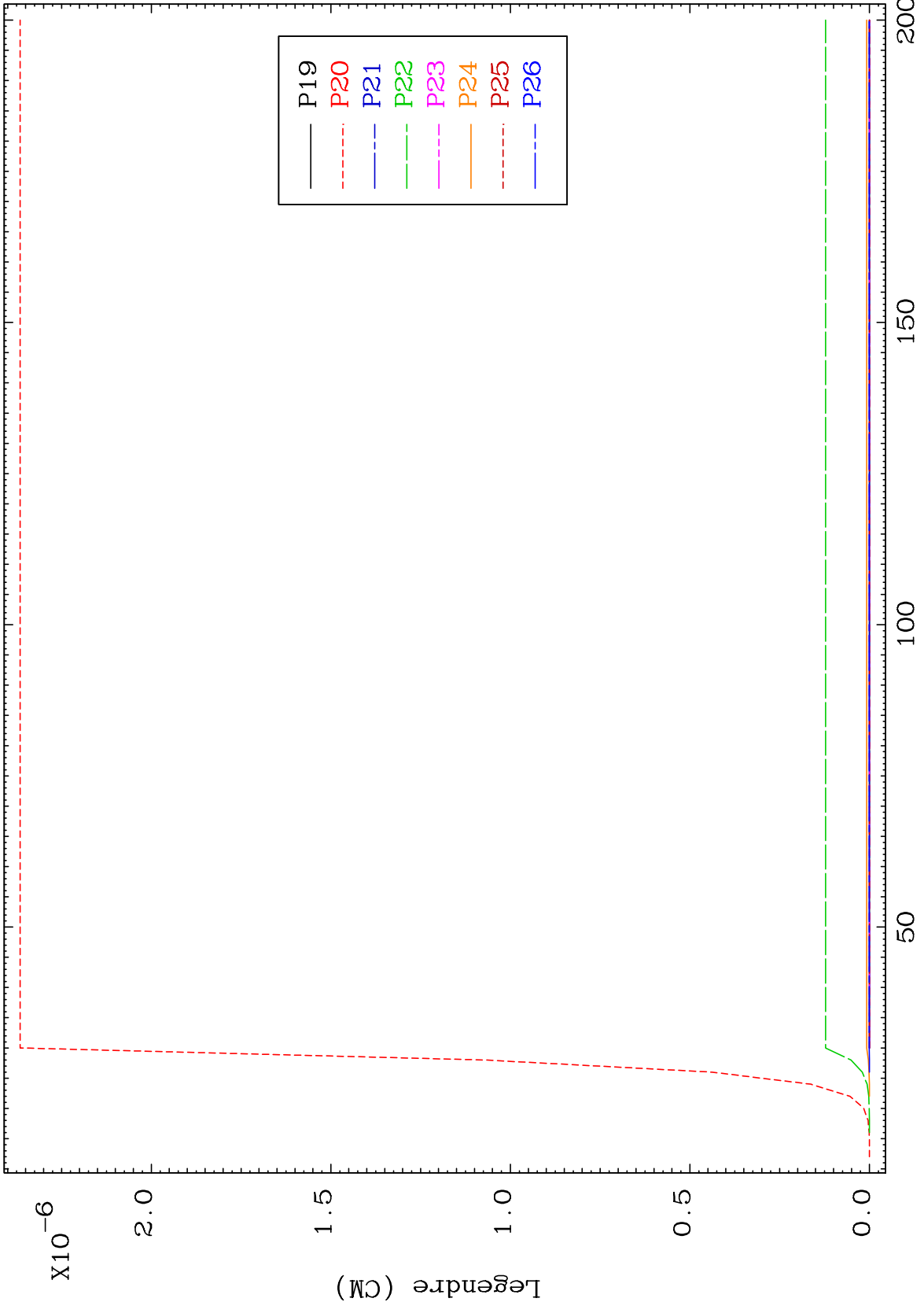
71 52-Te-121

MAT 5228 MT= 68 (n,n') Level Legendre Coefficients 52-Te-121

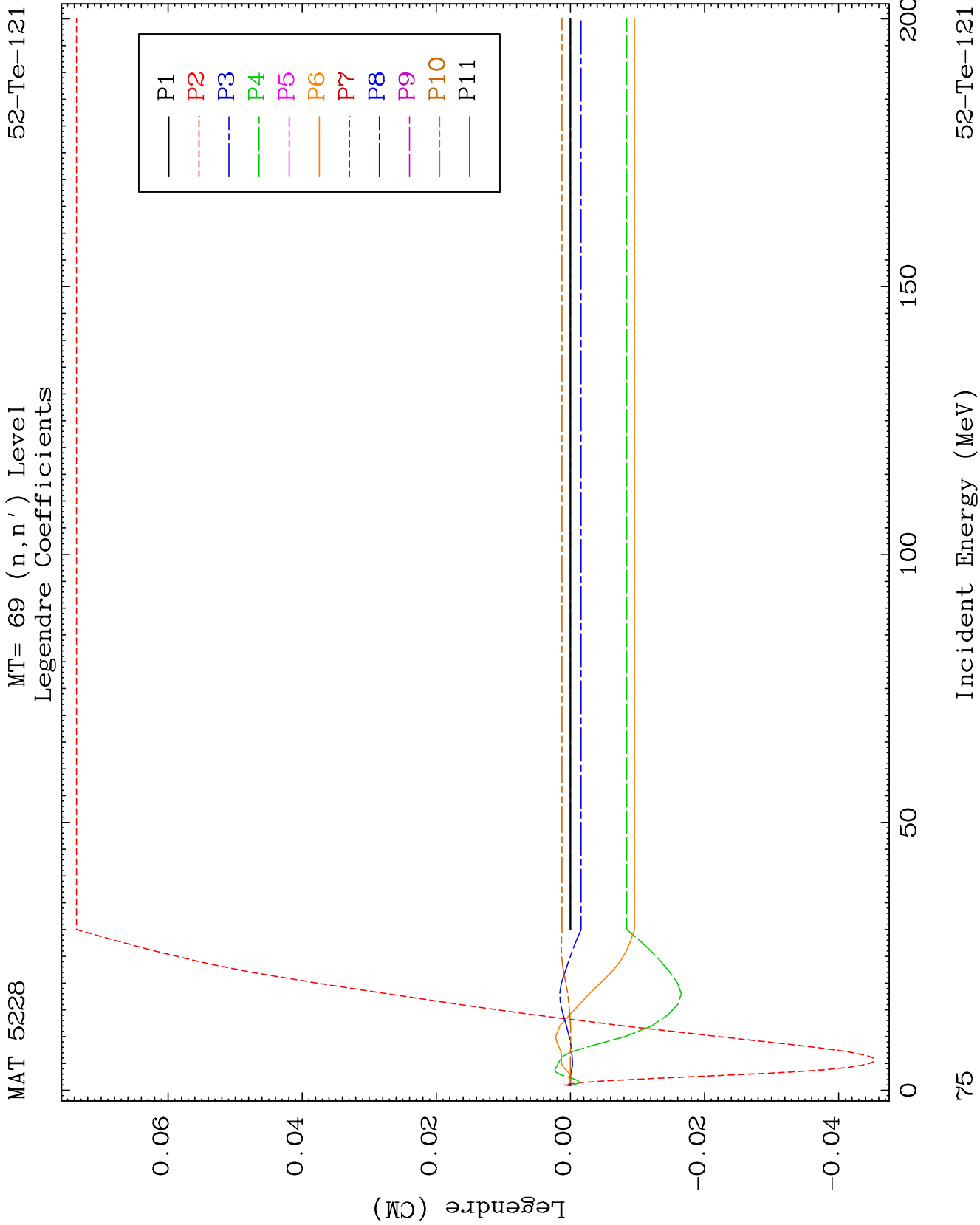


73 52-Te-121

MAT 5228 MT= 68 (n,n') Level Legendre Coefficients 52-Te-121



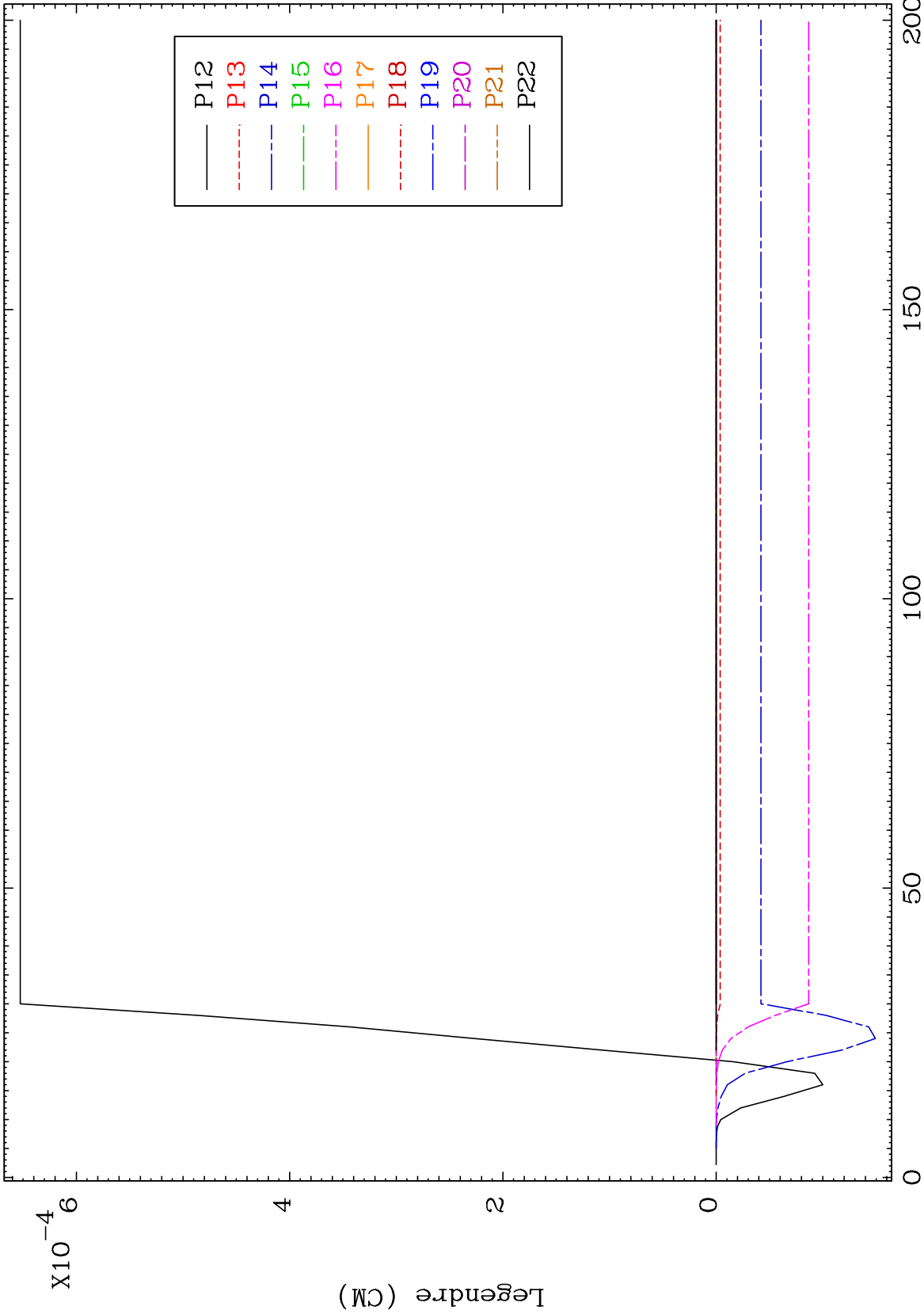
74 52-Te-121



MAT 5228

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

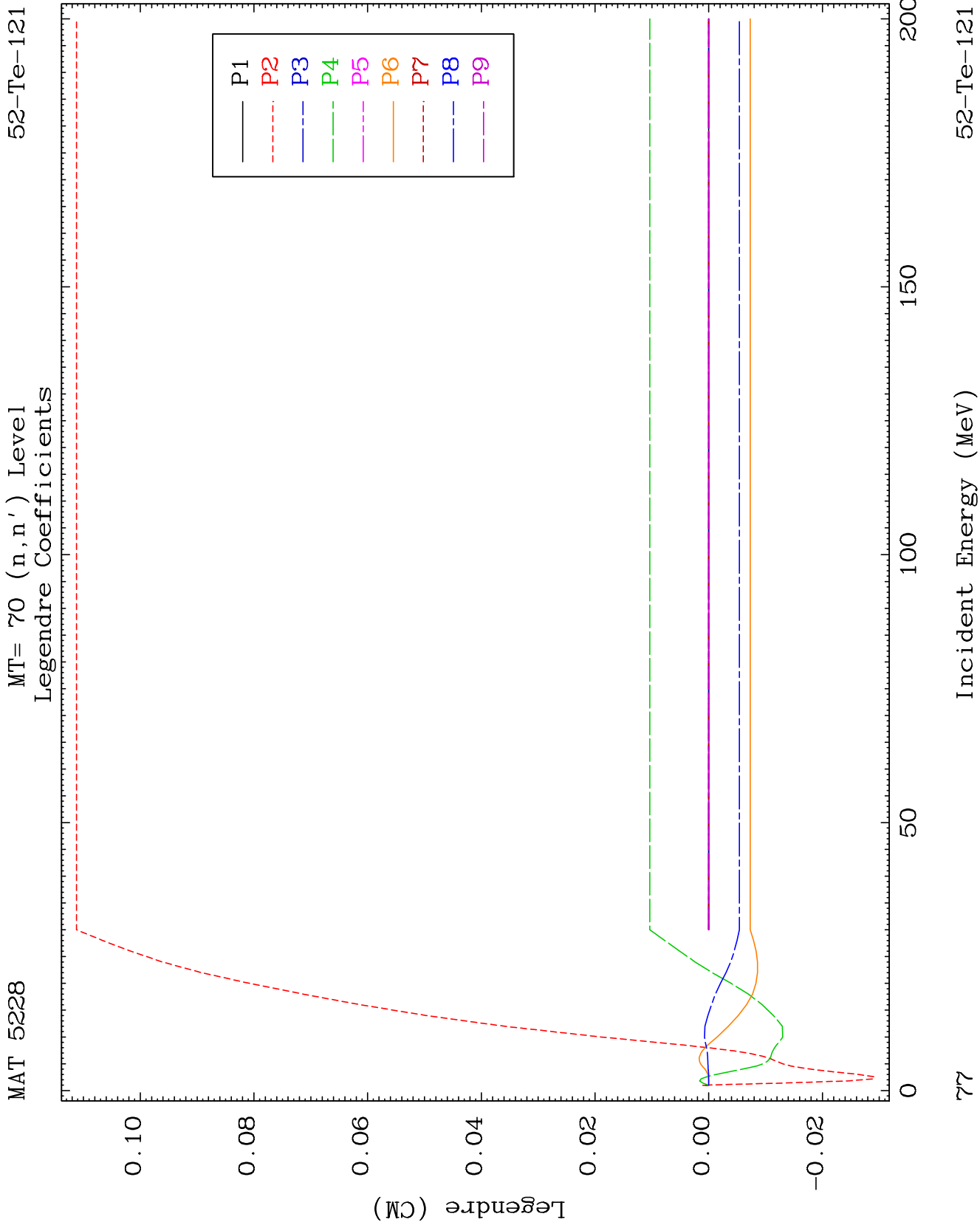
52-Te-121



76

Incident Energy (MeV)

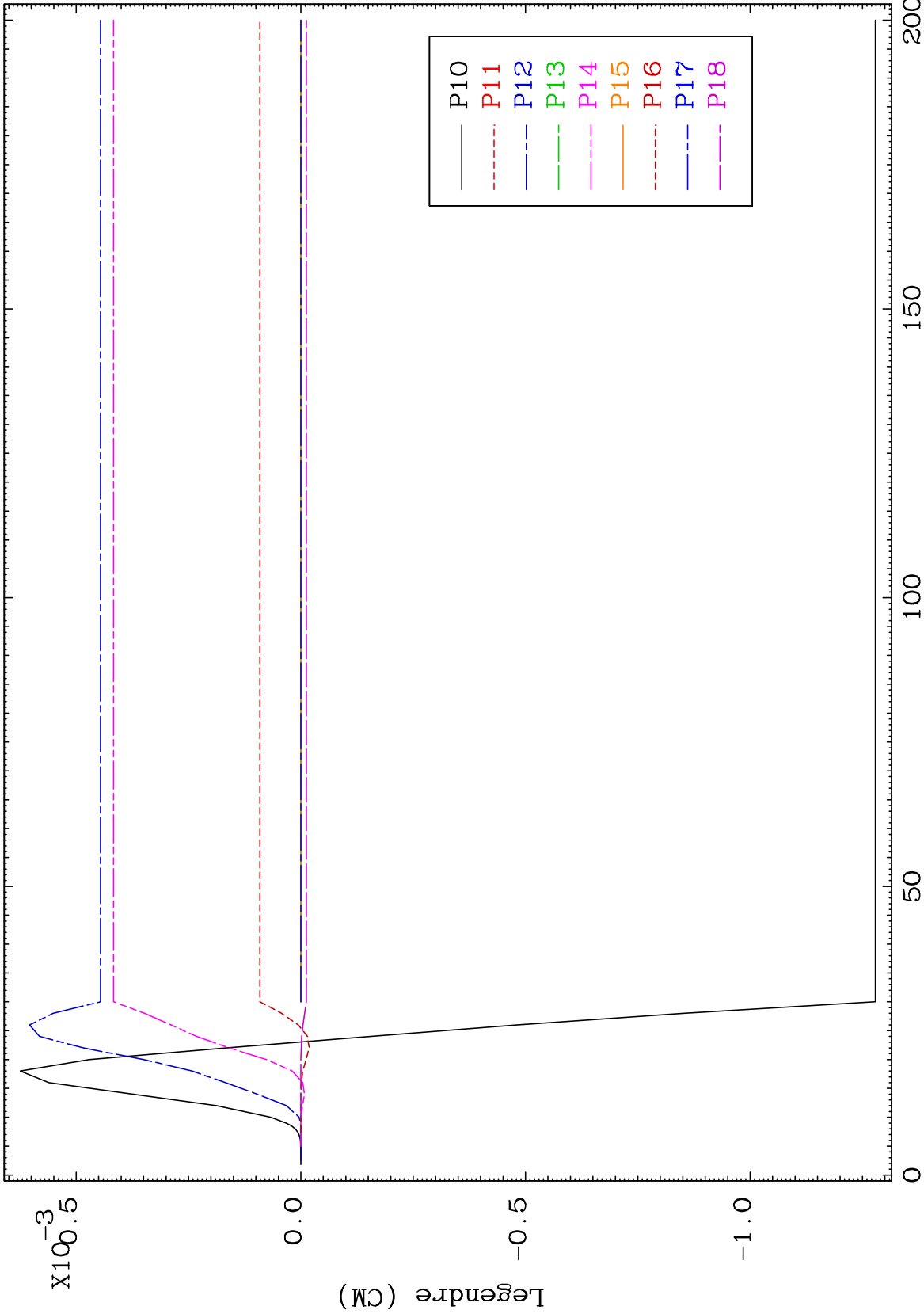
52-Te-121



MAT 5228

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

52-Te-121

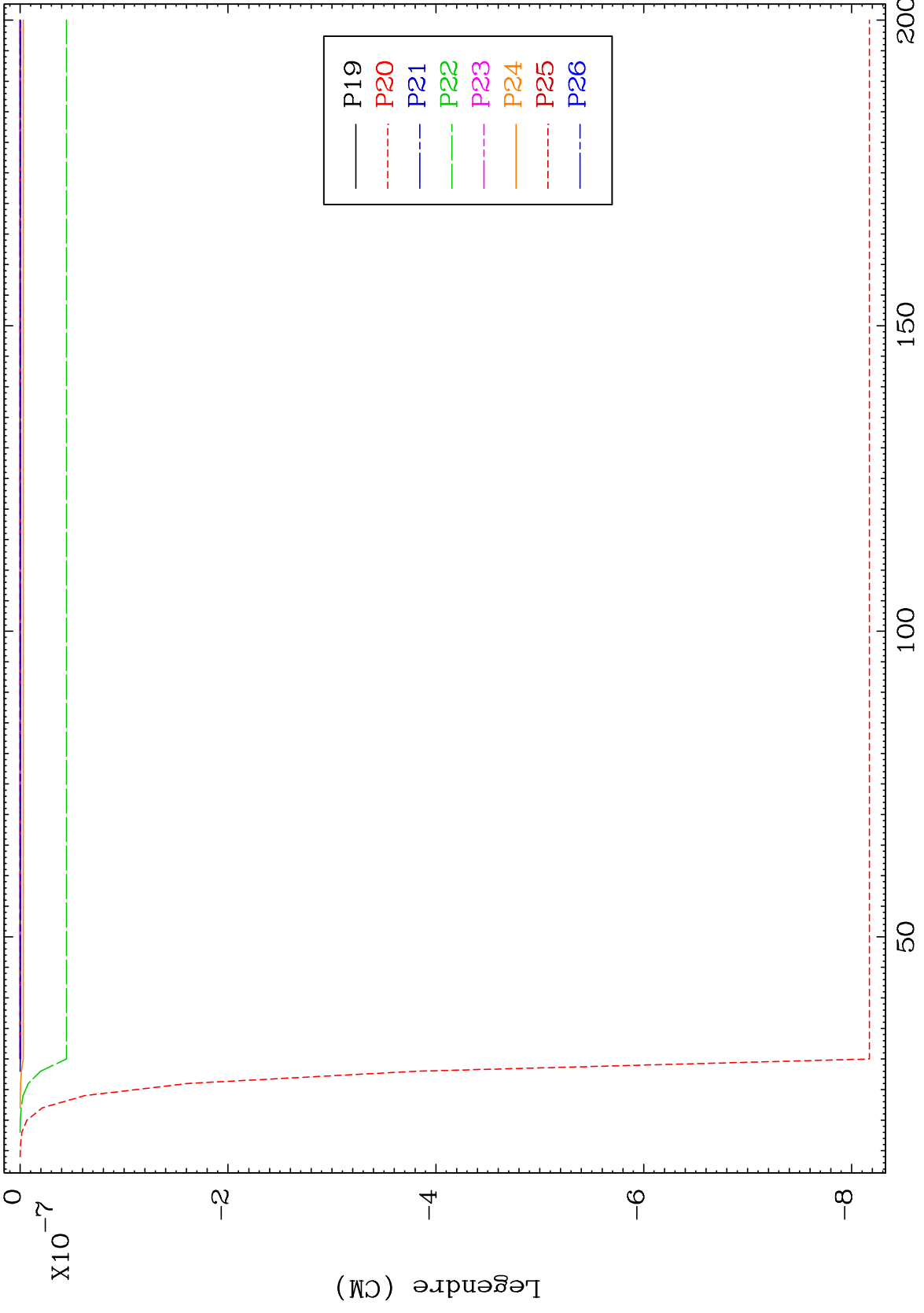


78

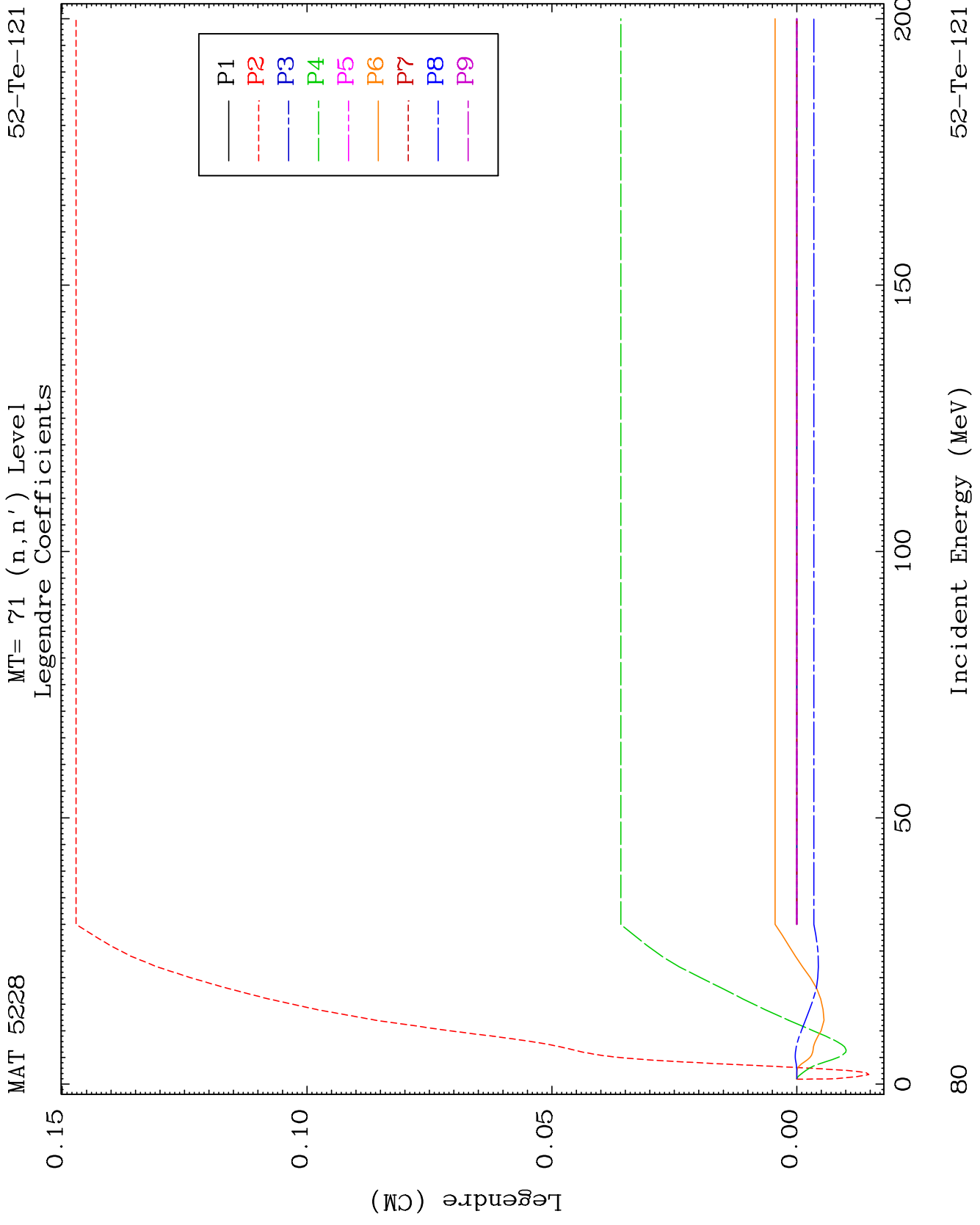
Incident Energy (MeV)

52-Te-121

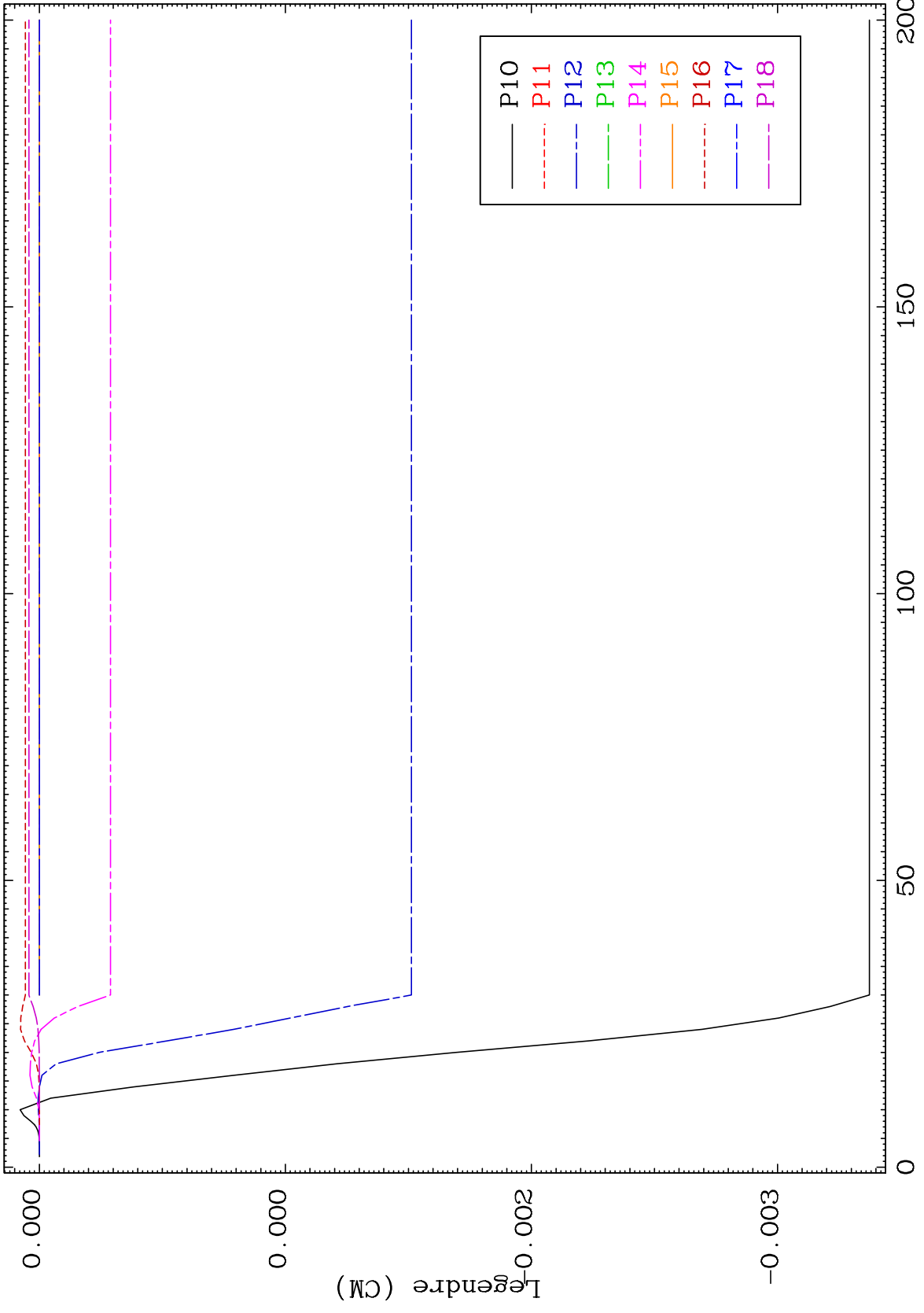
MAT 5228 MT= 70 (n,n') Level Legendre Coefficients 52-Te-121



79 Incident Energy (MeV) 52-Te-121

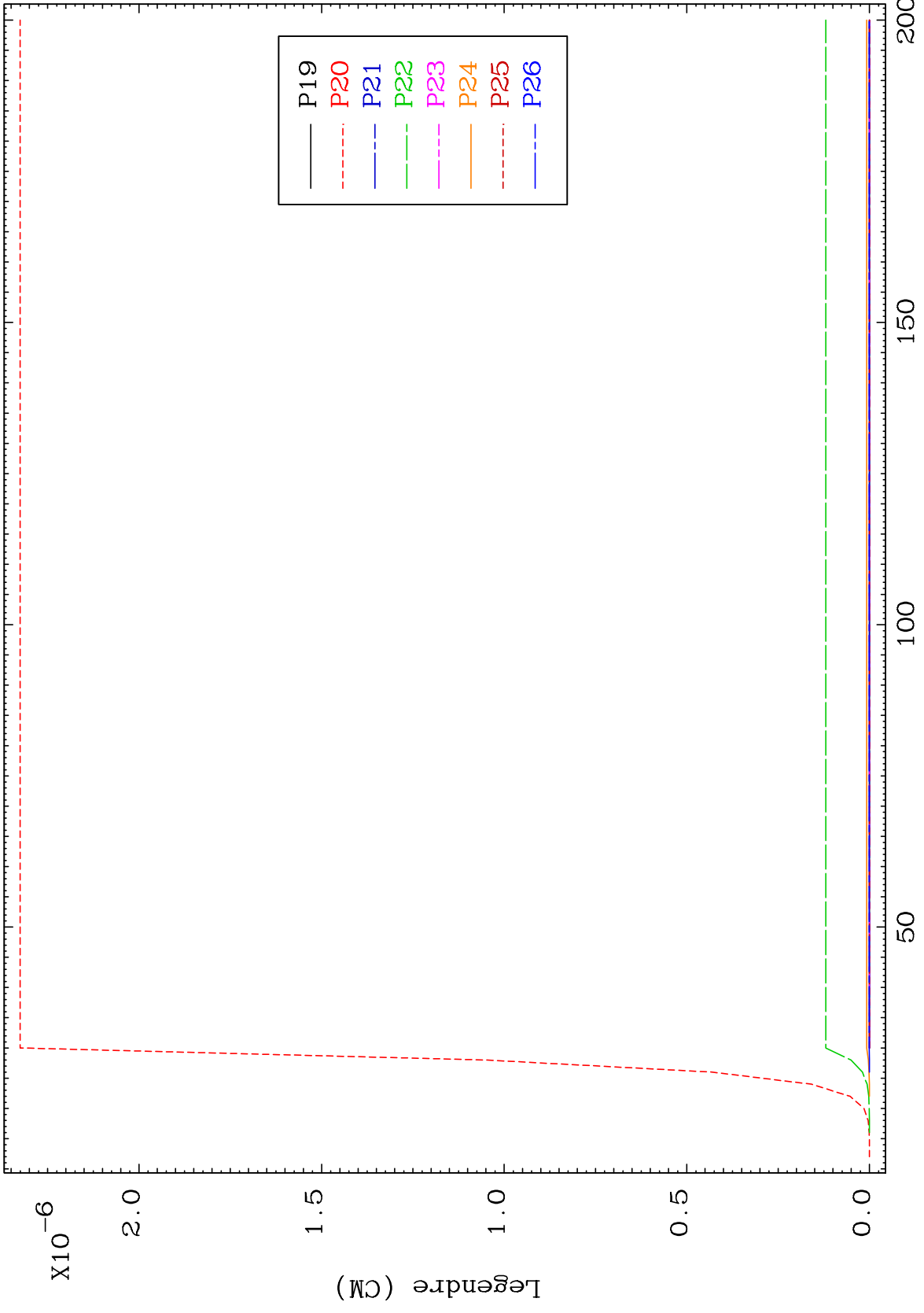


MAT 5228 MT= 71 (n,n') Level Legendre Coefficients 52-Te-121



81 52-Te-121

MAT 5228 MT= 71 (n,n') Level Legendre Coefficients 52-Te-121



82

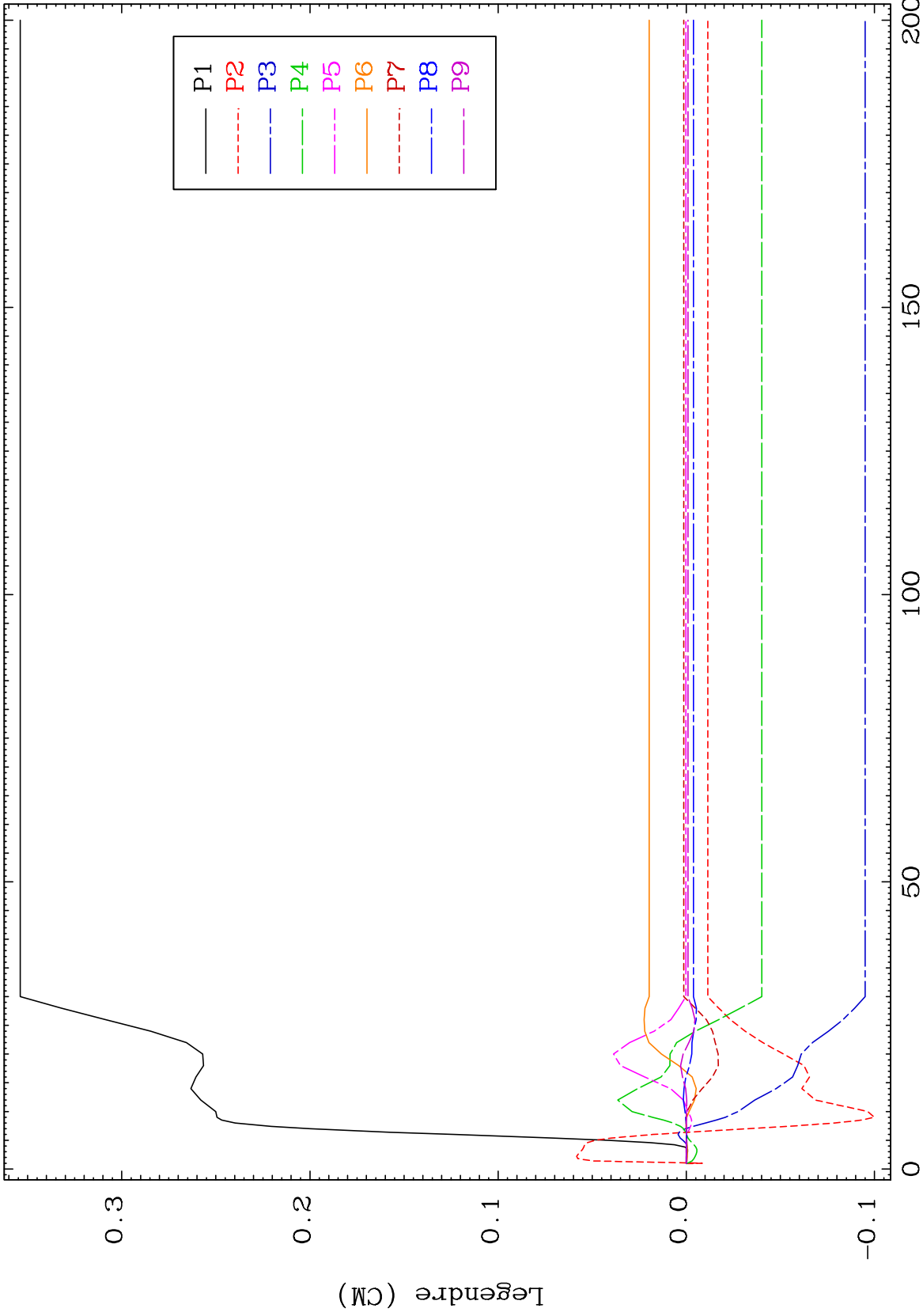
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121



83

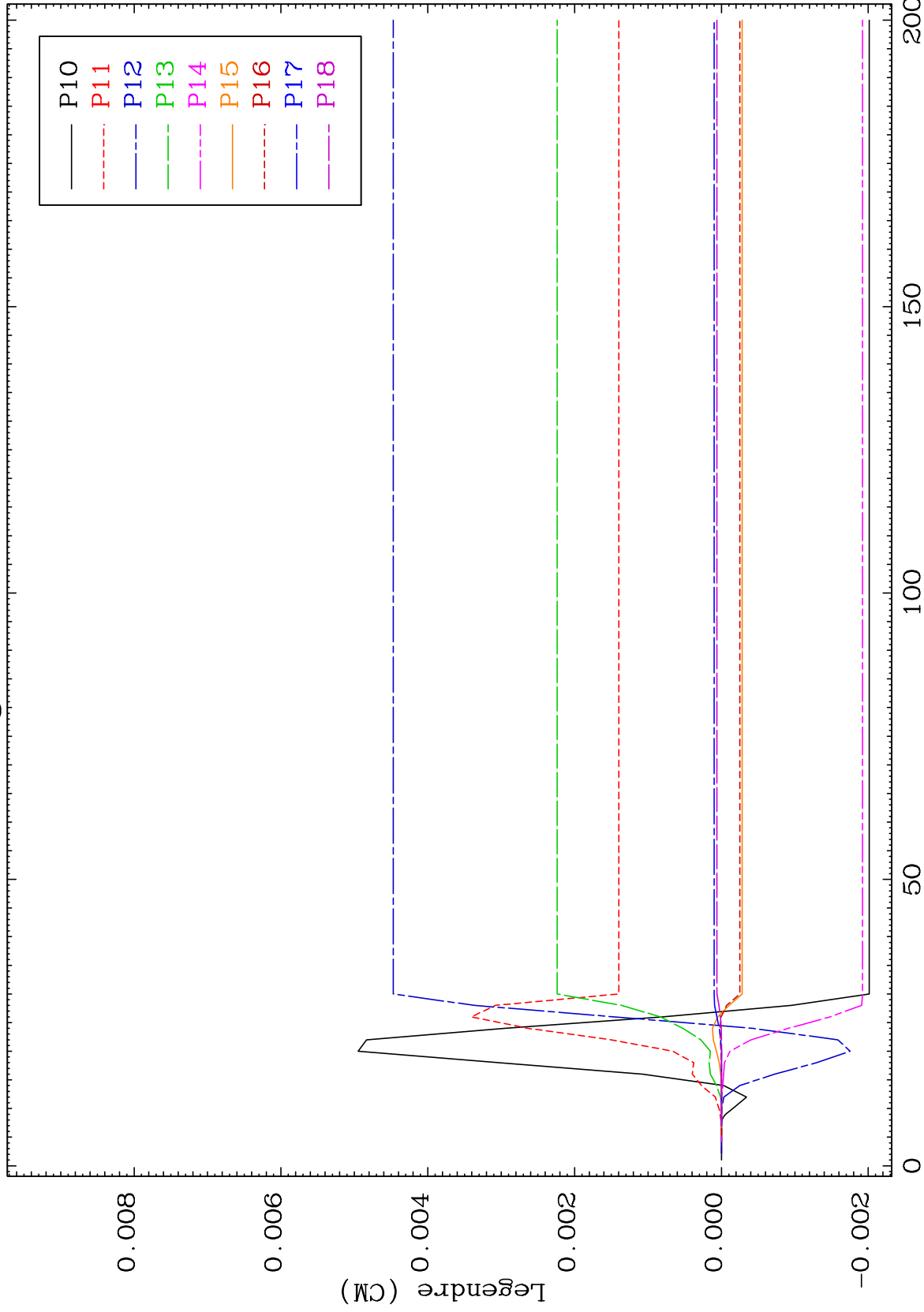
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121



84

Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121



85

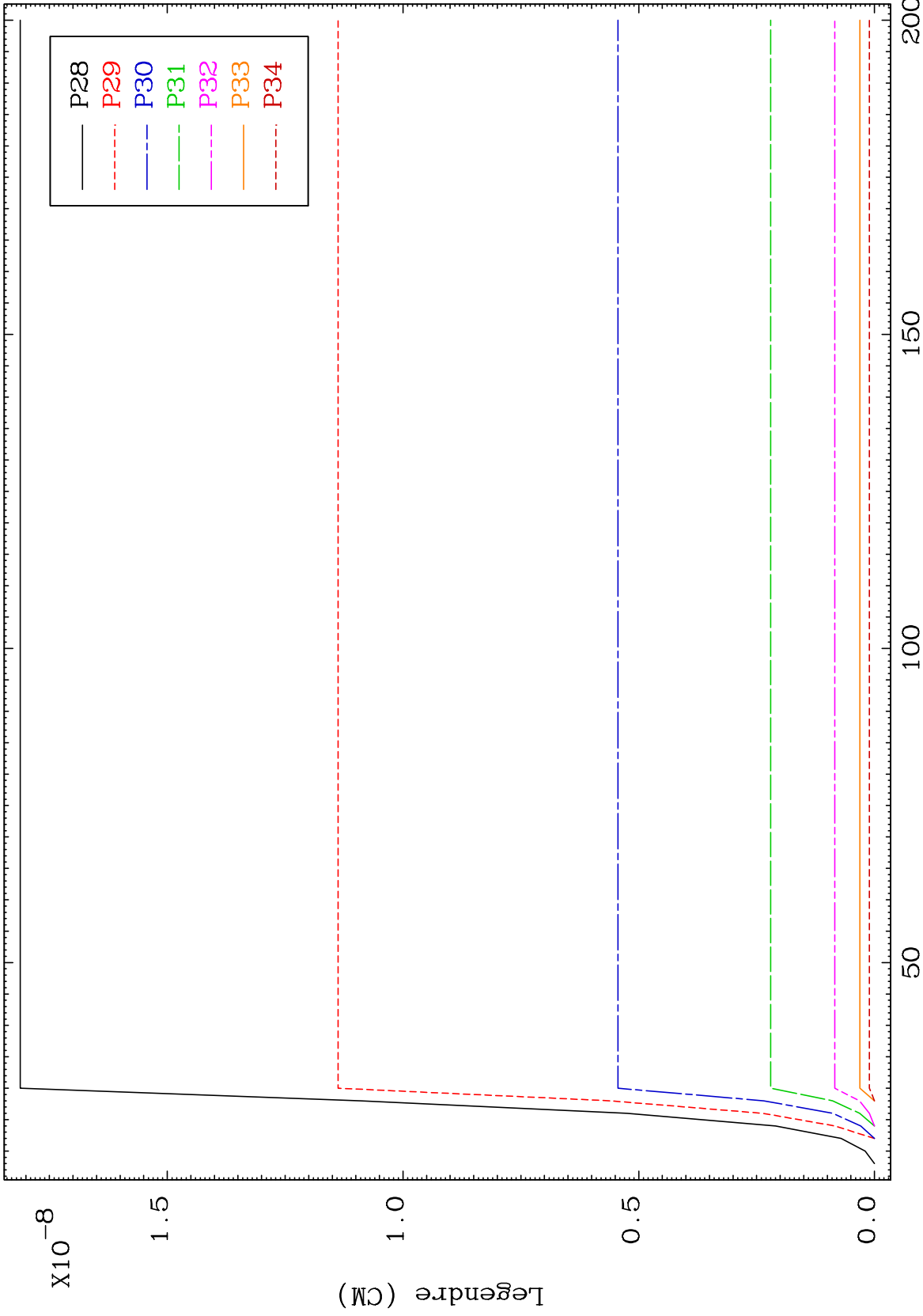
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121

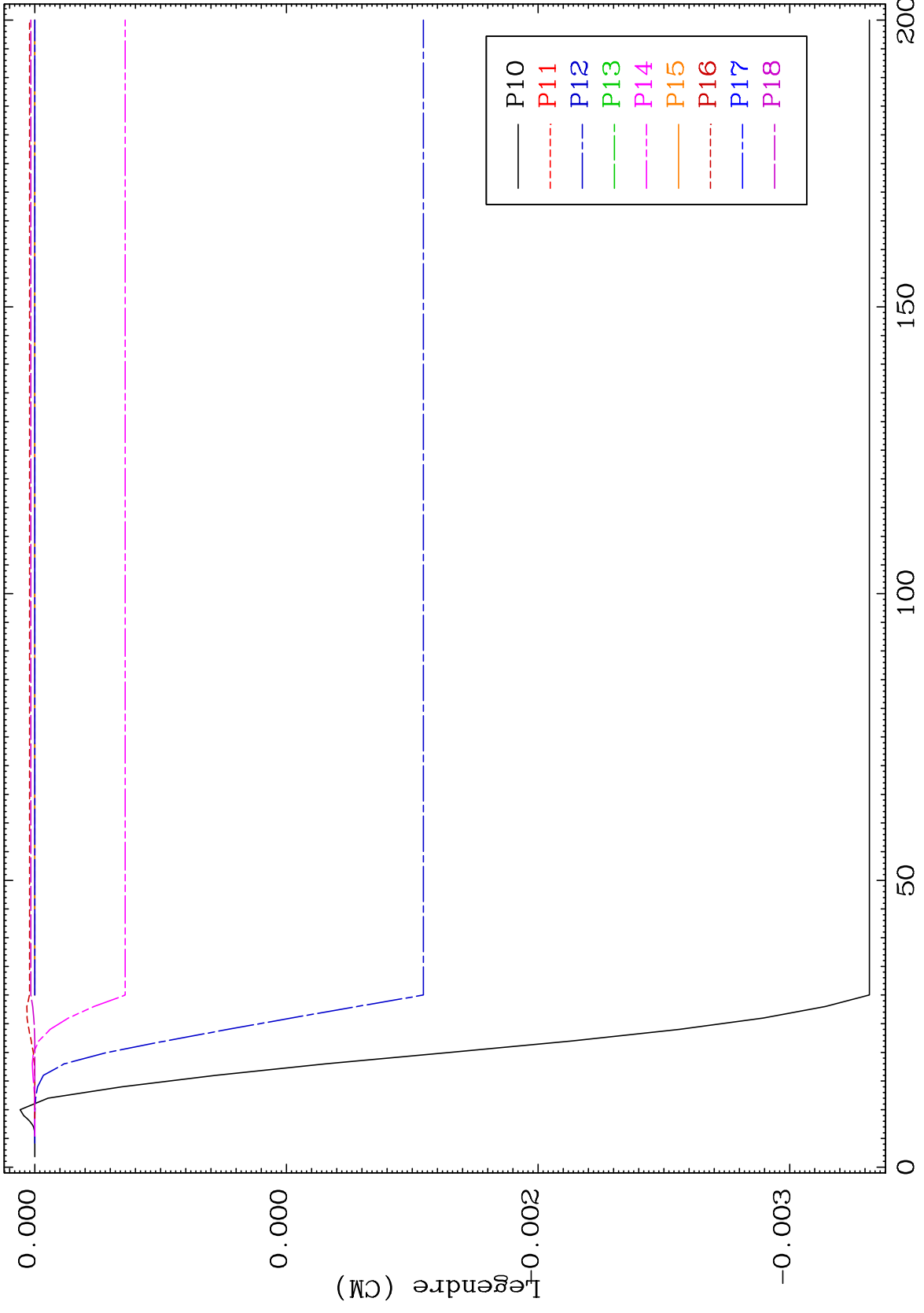


86

Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 73 (n,n') Level Legendre Coefficients 52-Te-121

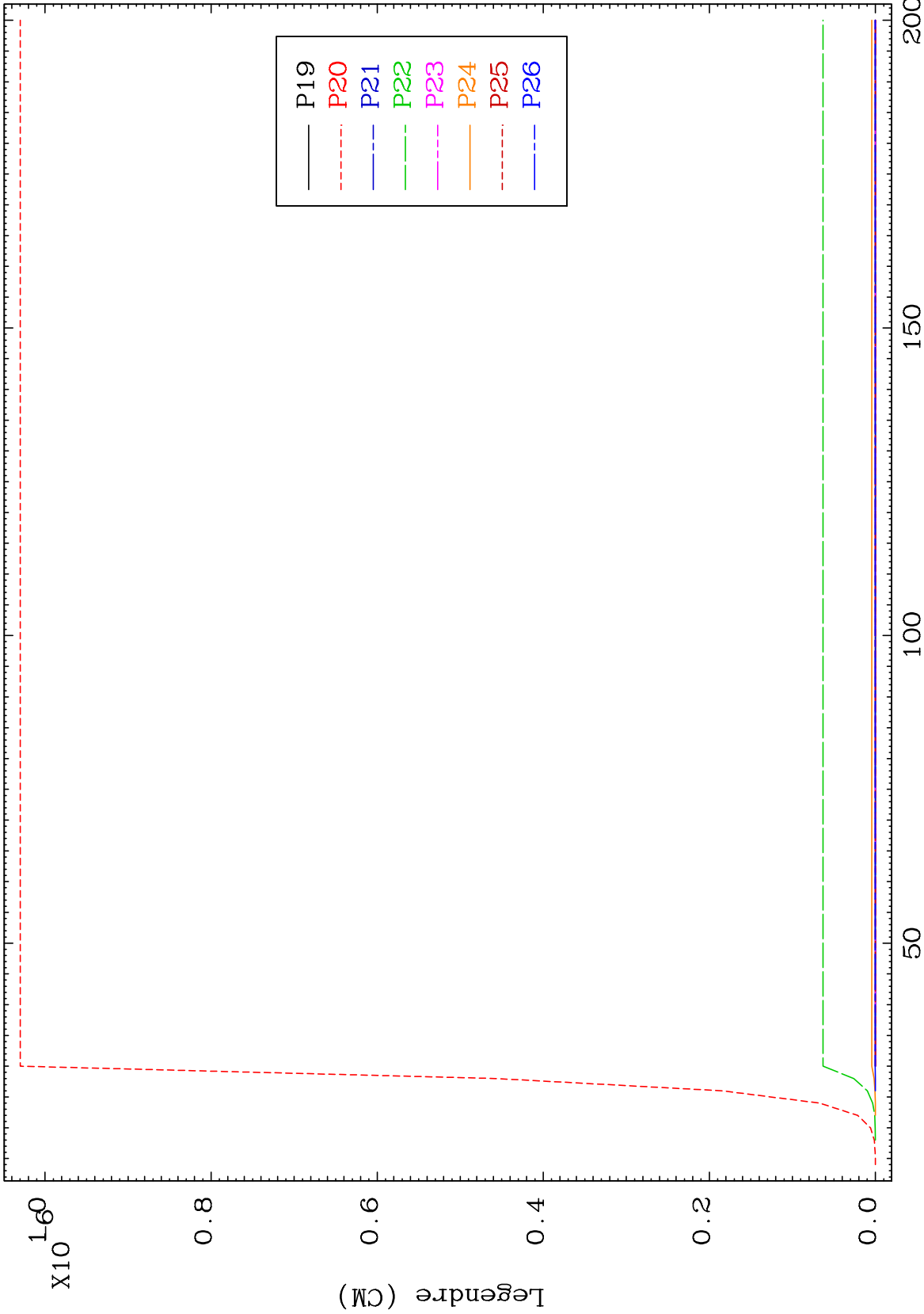


88 52-Te-121

MAT 5228

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

52-Te-121

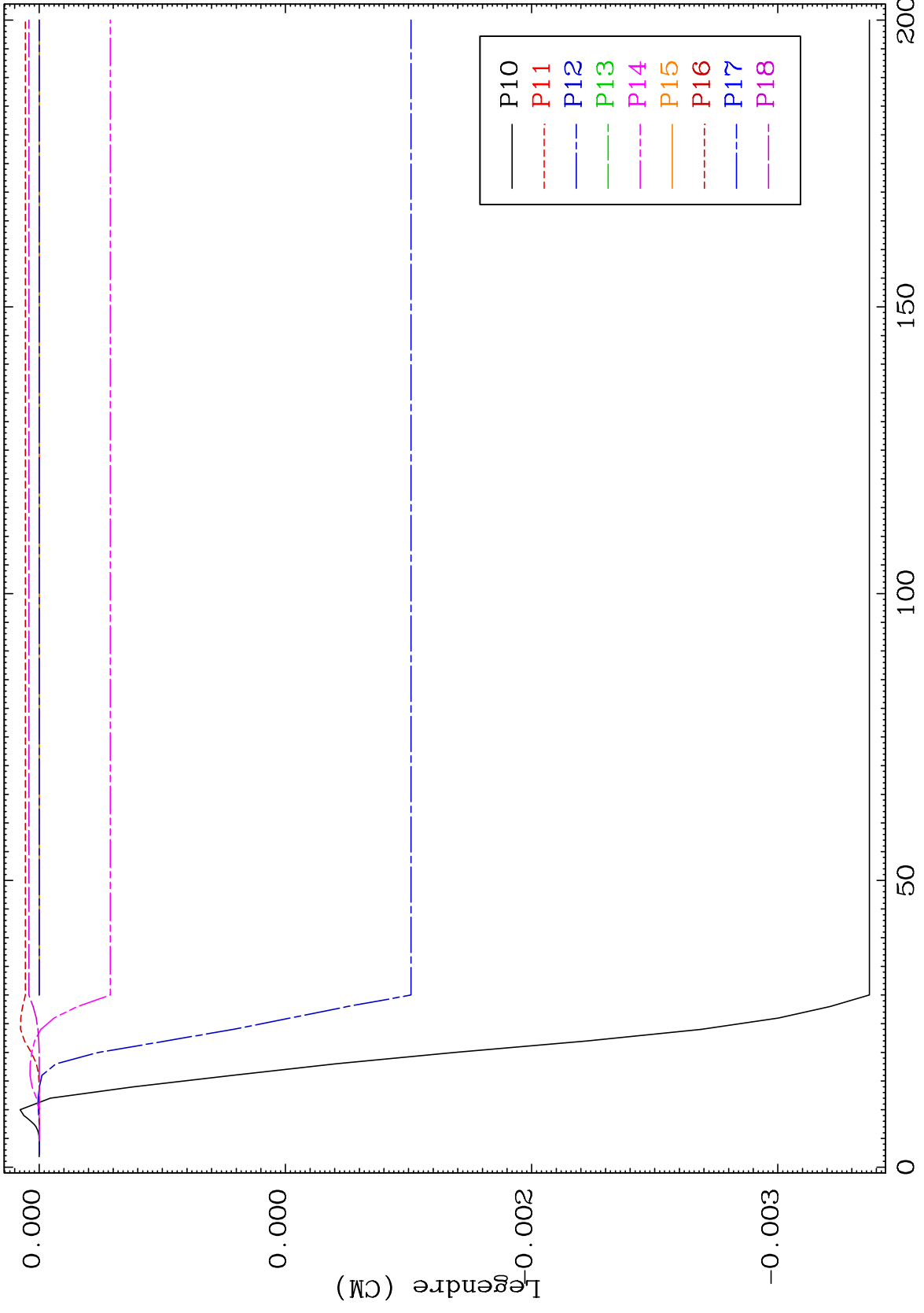


89

Incident Energy (MeV)

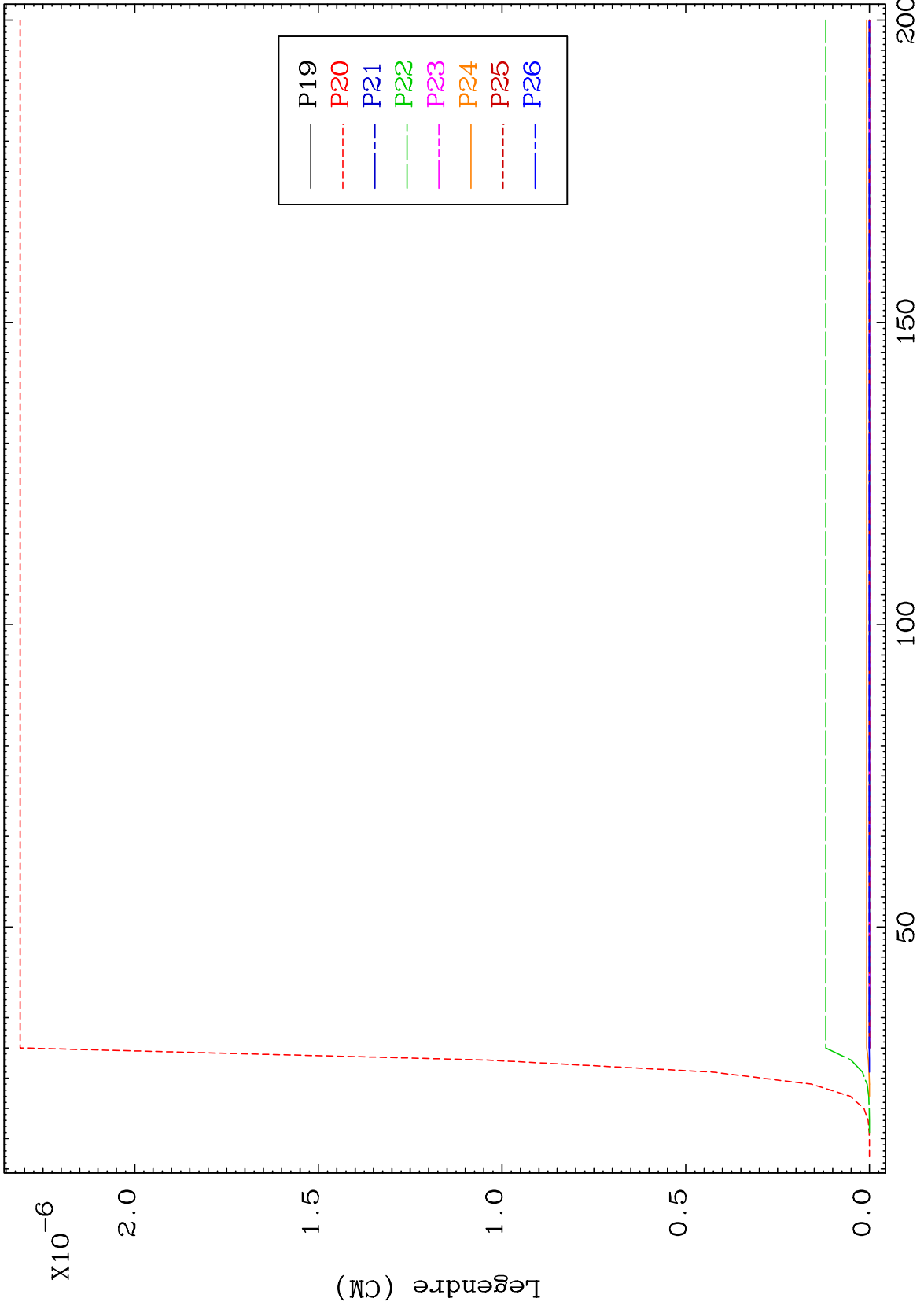
52-Te-121

MAT 5228 MT= 74 (n,n') Level Legendre Coefficients 52-Te-121



91 52-Te-121

MAT 5228 MT= 74 (n,n') Level Legendre Coefficients 52-Te-121

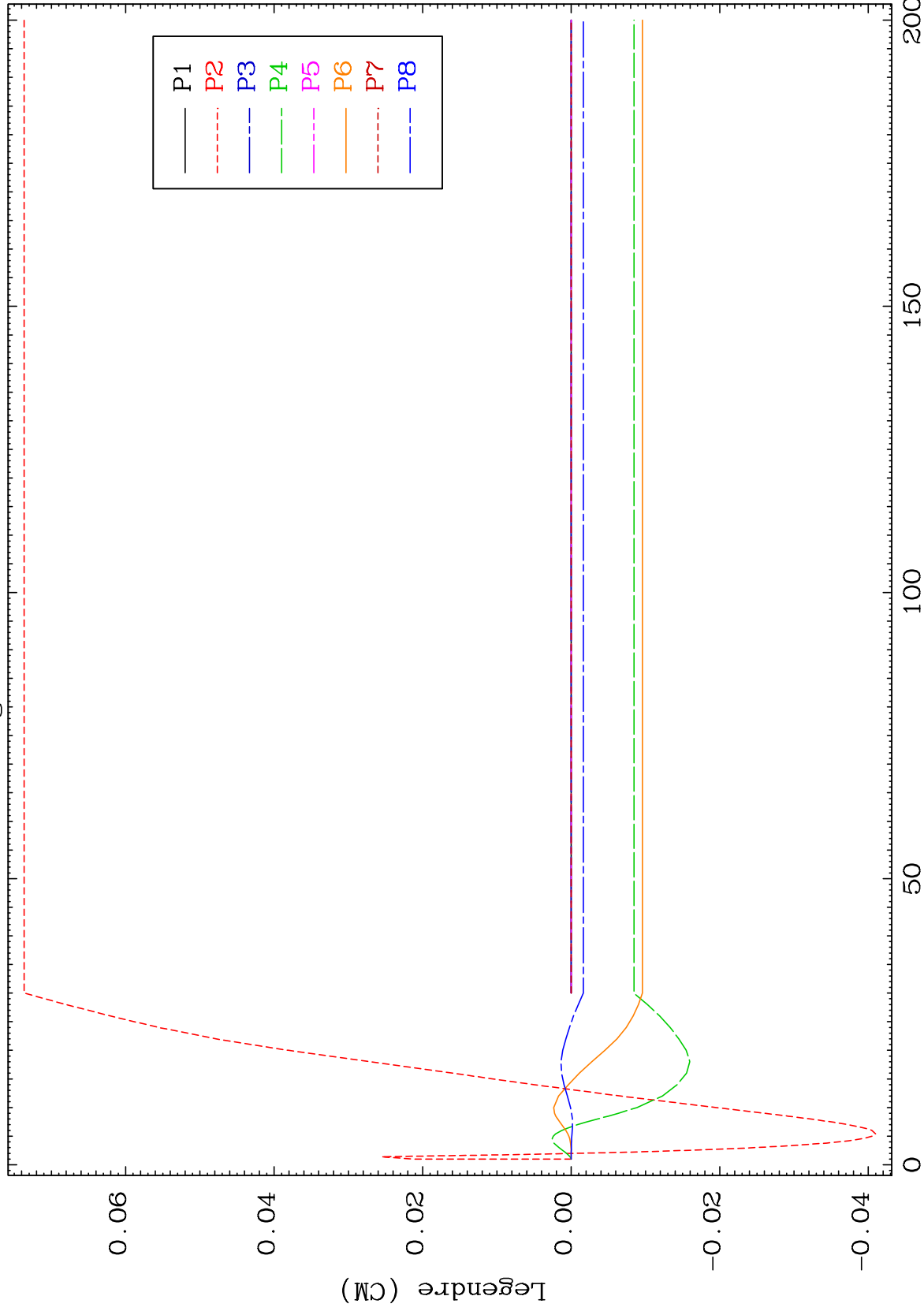


92 52-Te-121

MAT 5228

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

52-Te-121

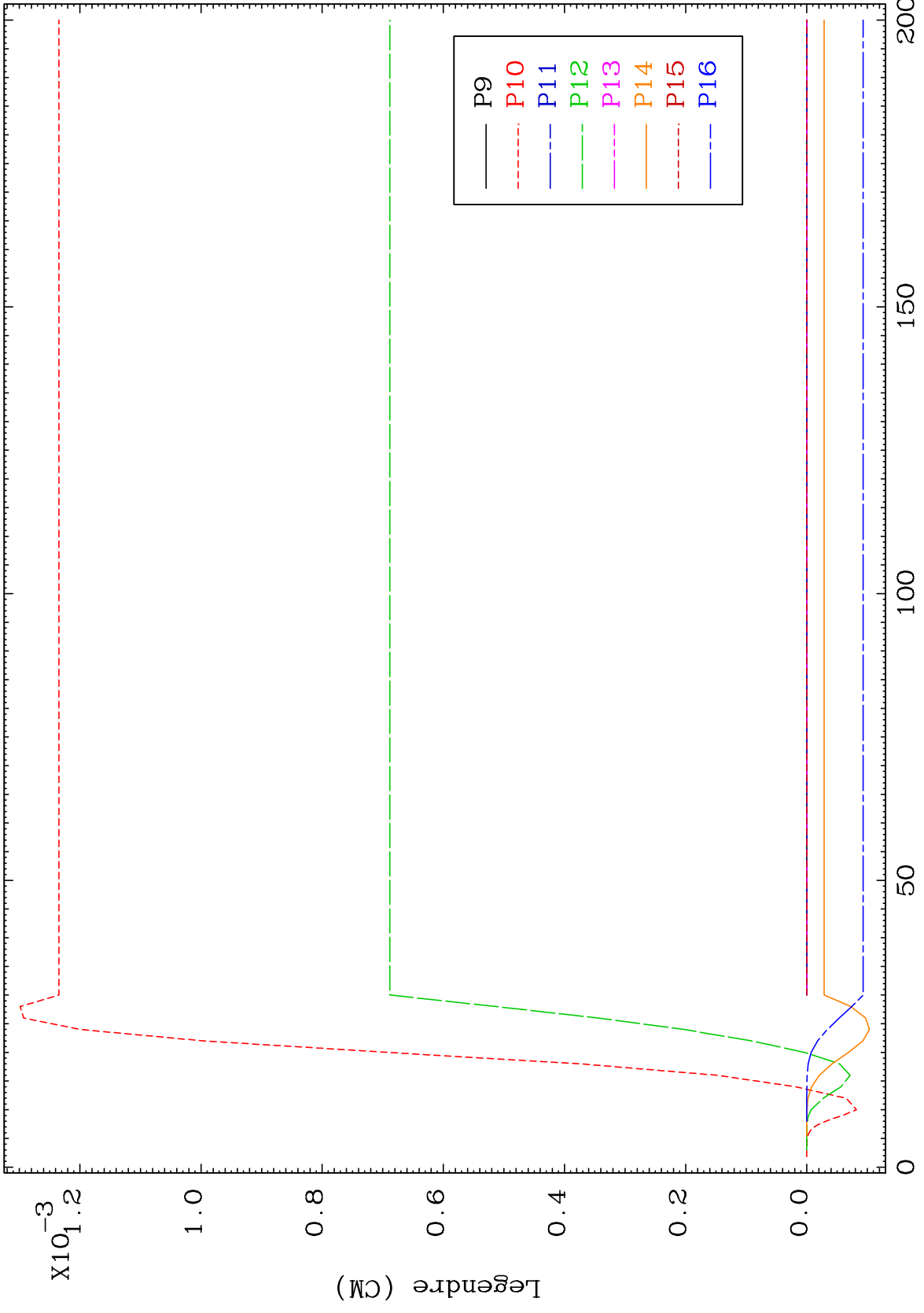


93

Incident Energy (MeV)

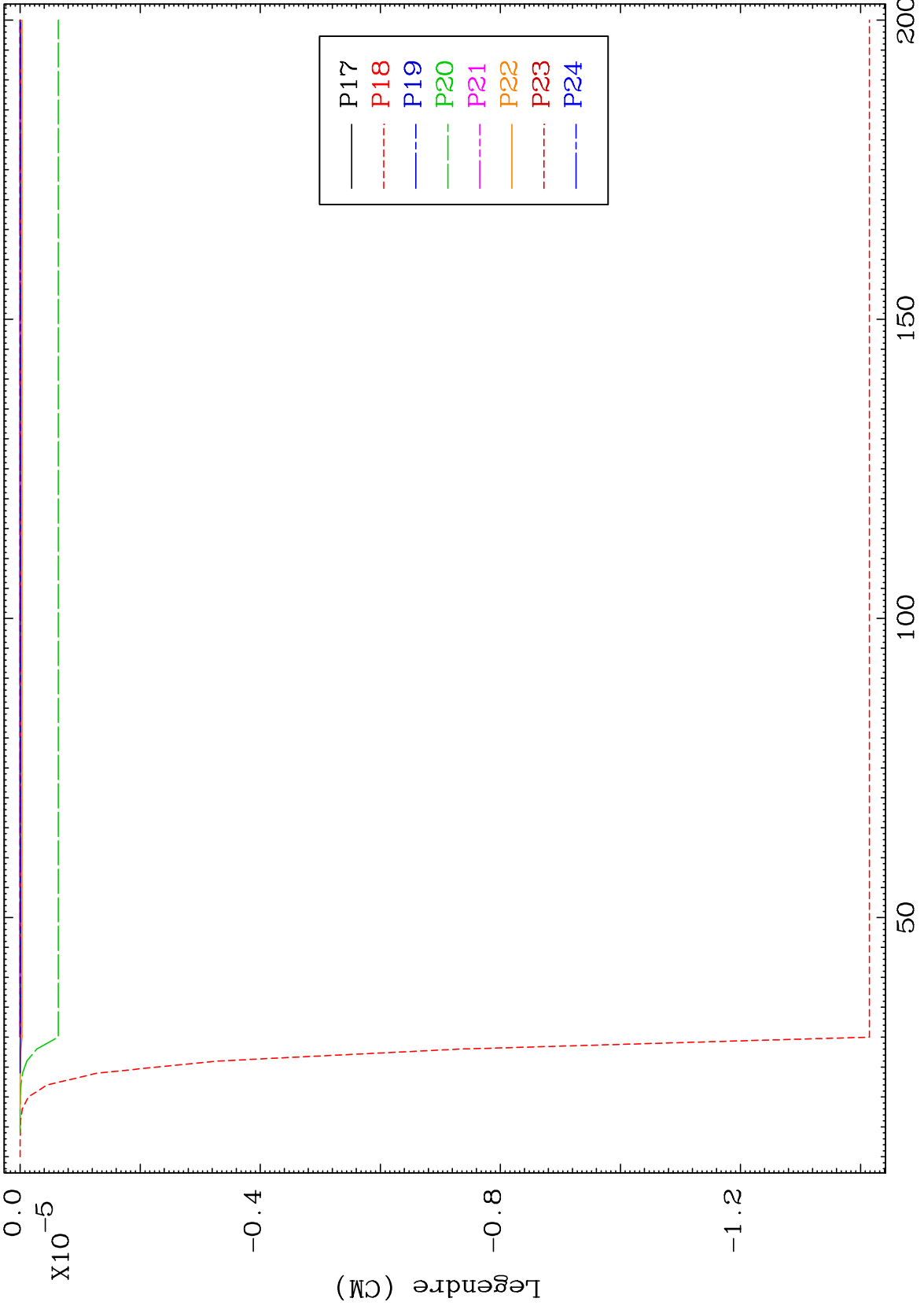
52-Te-121

MAT 5228 MT= 75 (n,n') Level Legendre Coefficients 52-Te-121



94 52-Te-121

MAT 5228 MT= 75 (n,n') Level Legendre Coefficients 52-Te-121

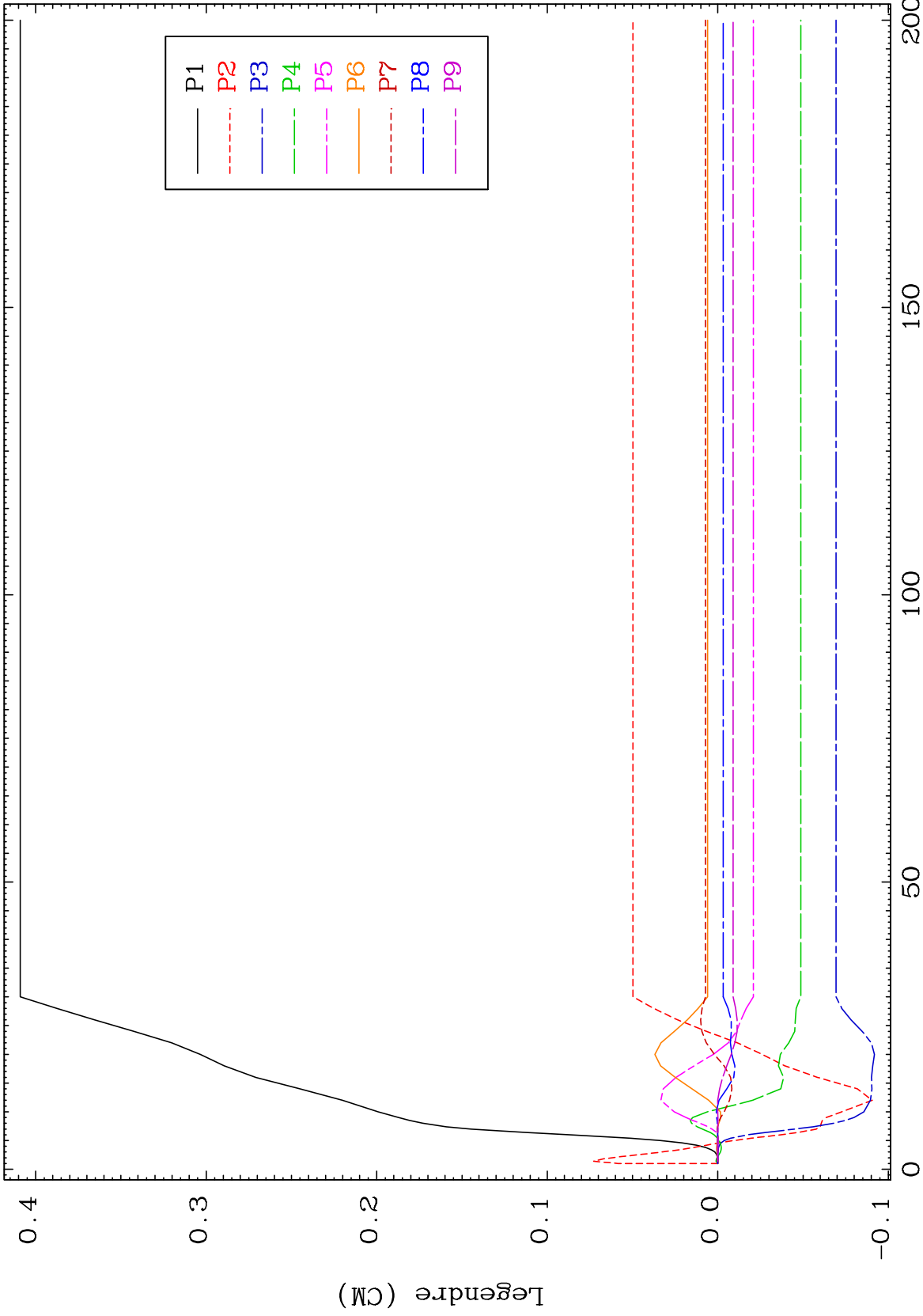


95 50 100 150 200 Incident Energy (MeV) 52-Te-121

MAT 5228

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

52-Te-121



96

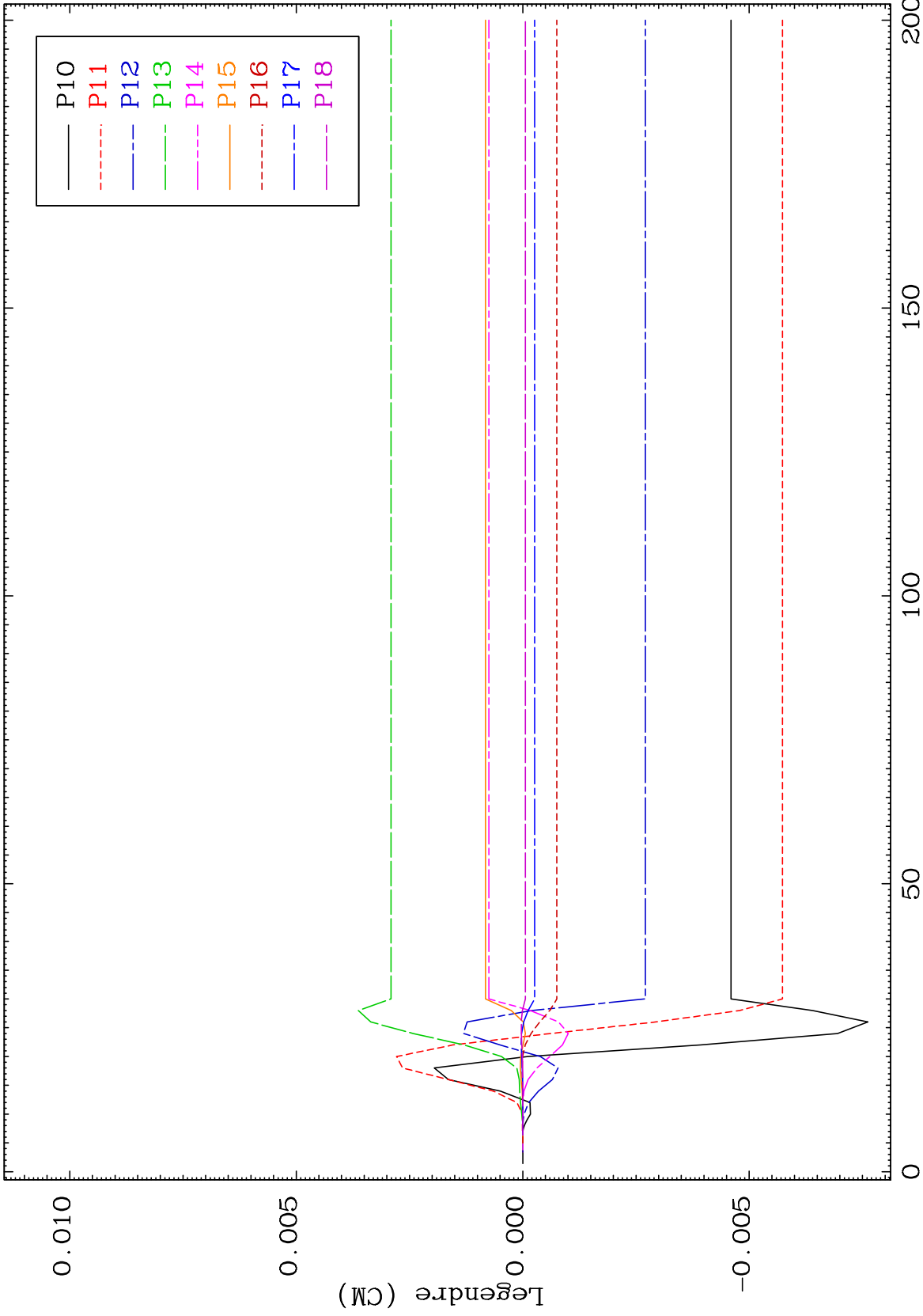
Incident Energy (MeV)

52-Te-121

MAT 5228

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

52-Te-121

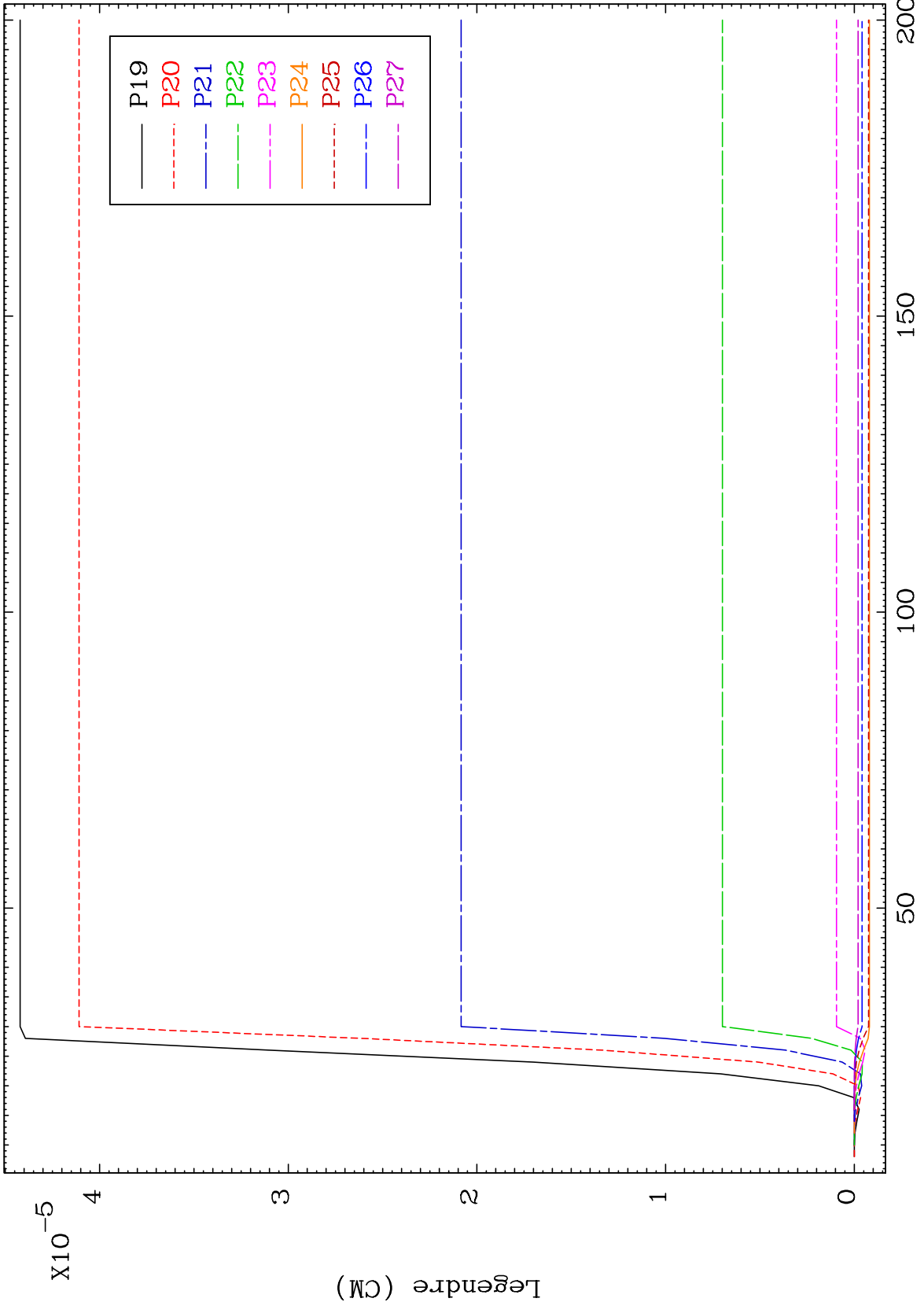


97

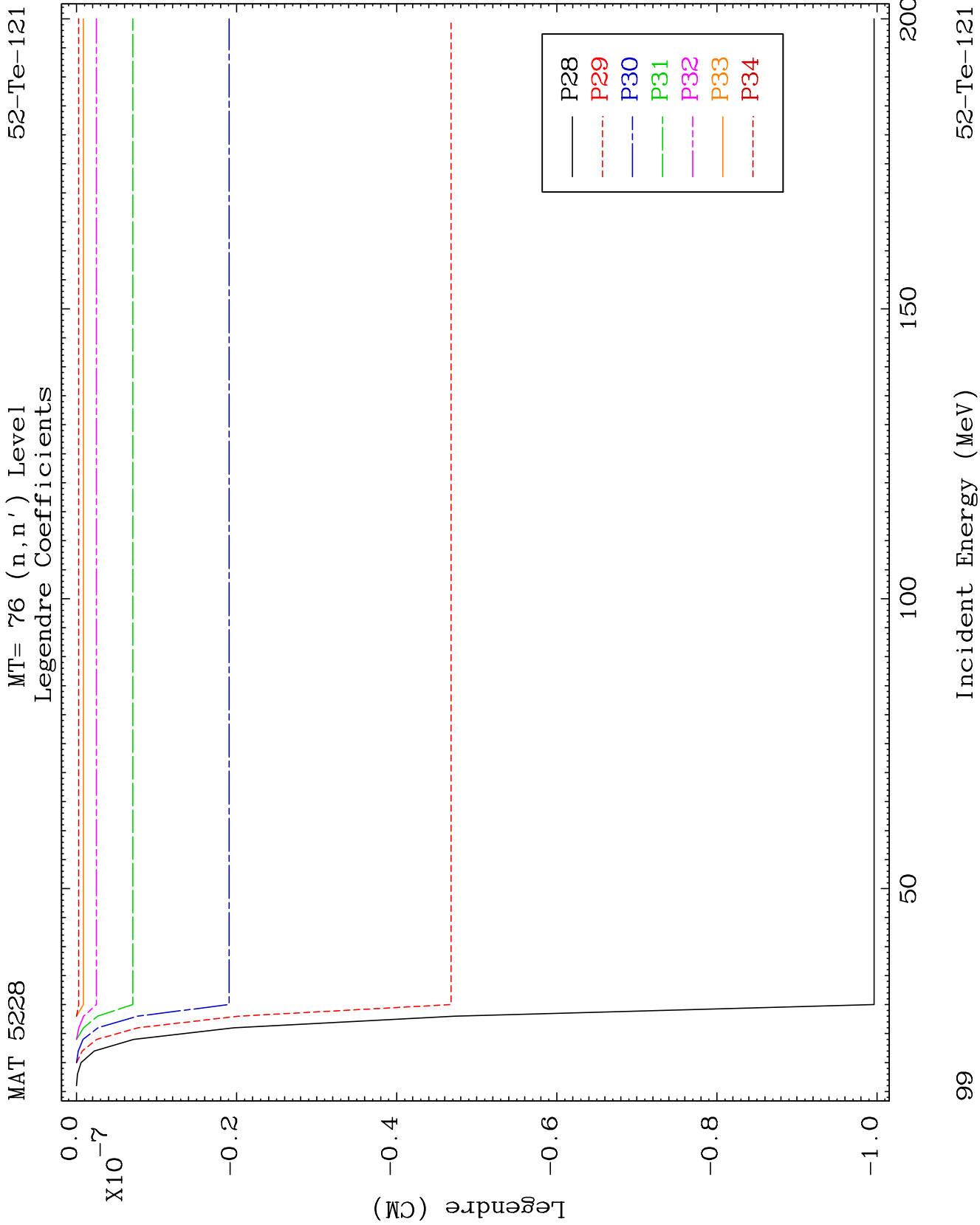
Incident Energy (MeV)

52-Te-121

MAT 5228 MT= 76 (n,n') Level Legendre Coefficients 52-Te-121



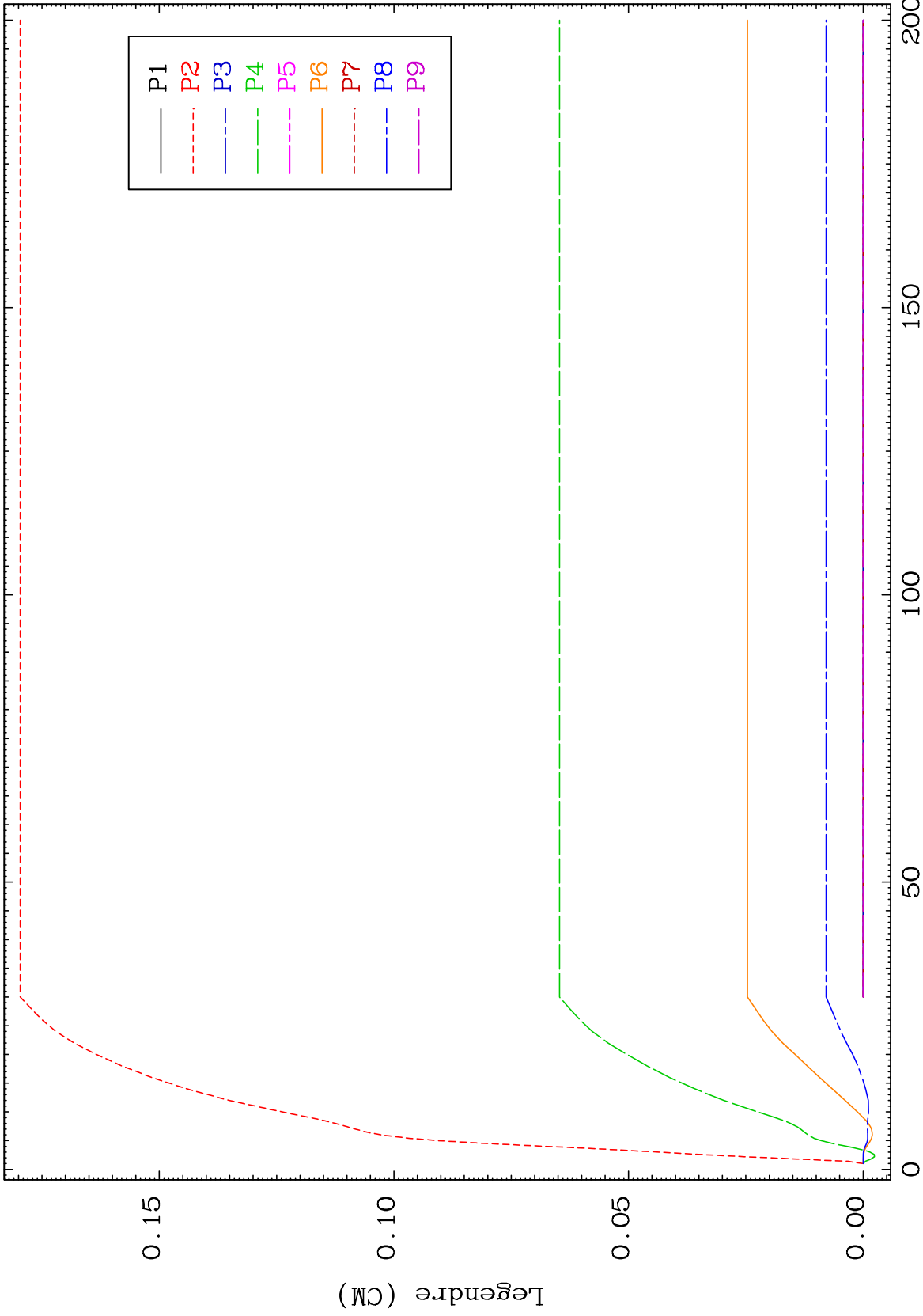
98 52-Te-121



MAT 5228

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

52-Te-121



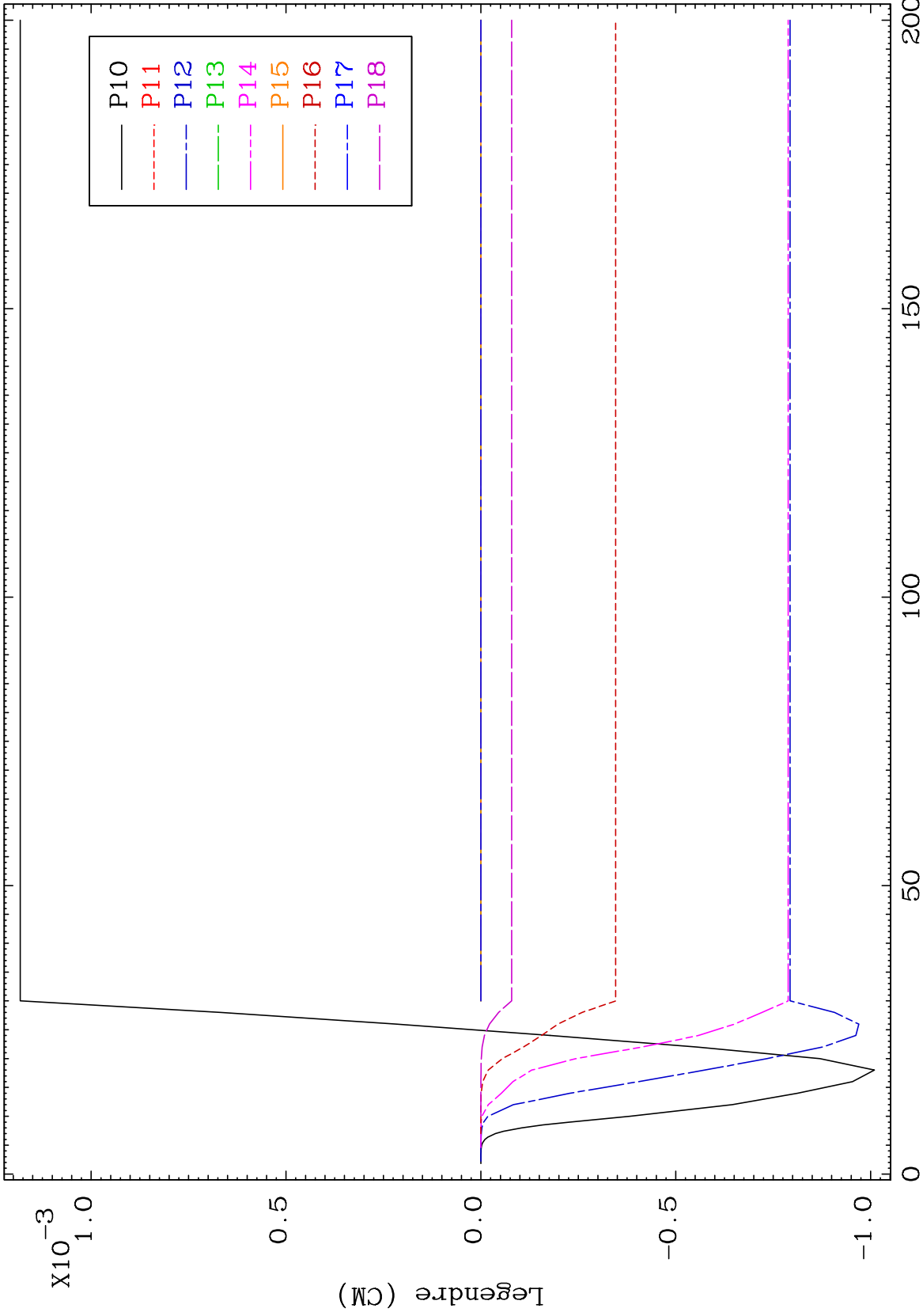
52-Te-121

Incident Energy (MeV)

MAT 5228

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

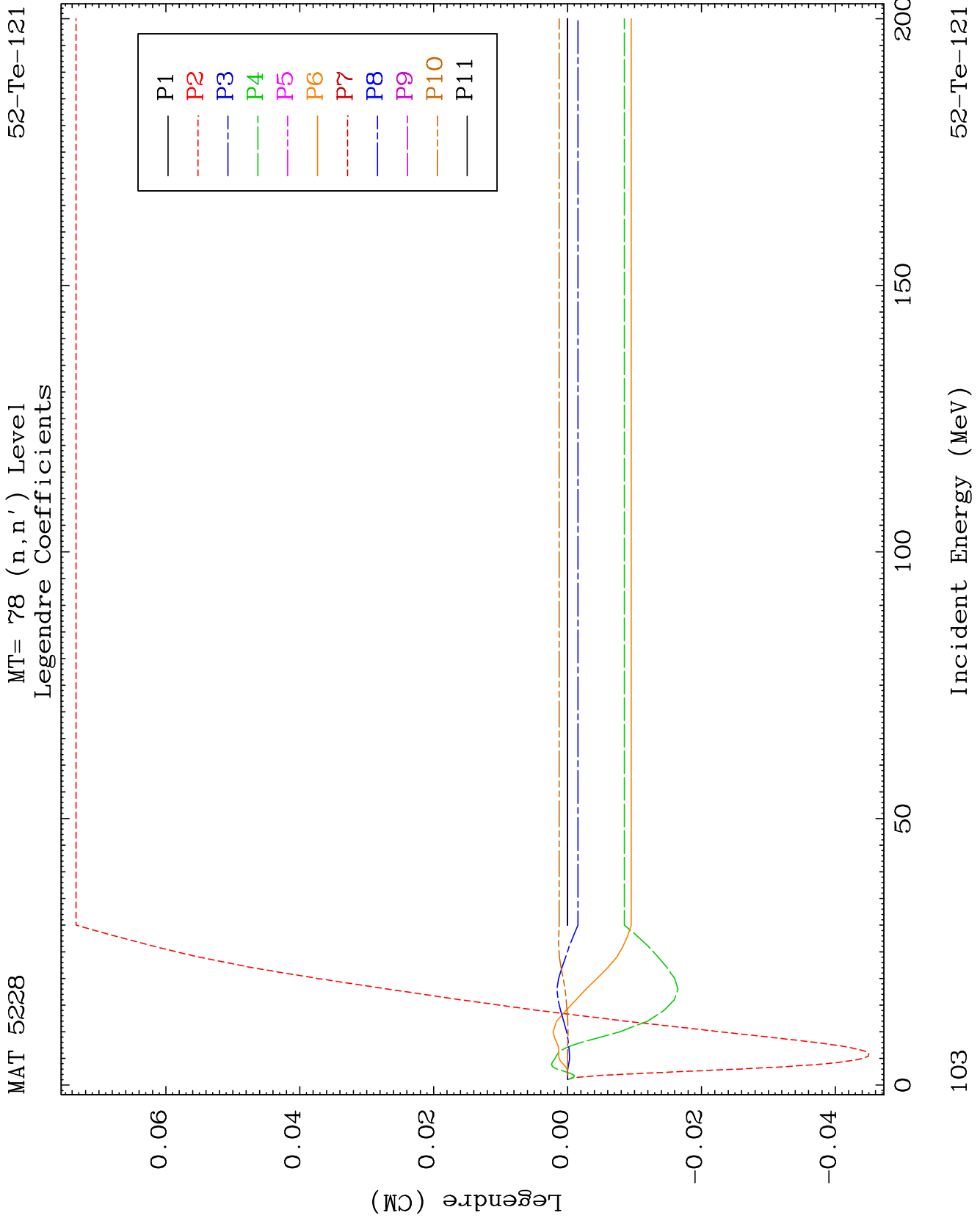
52-Te-121



101

Incident Energy (MeV)

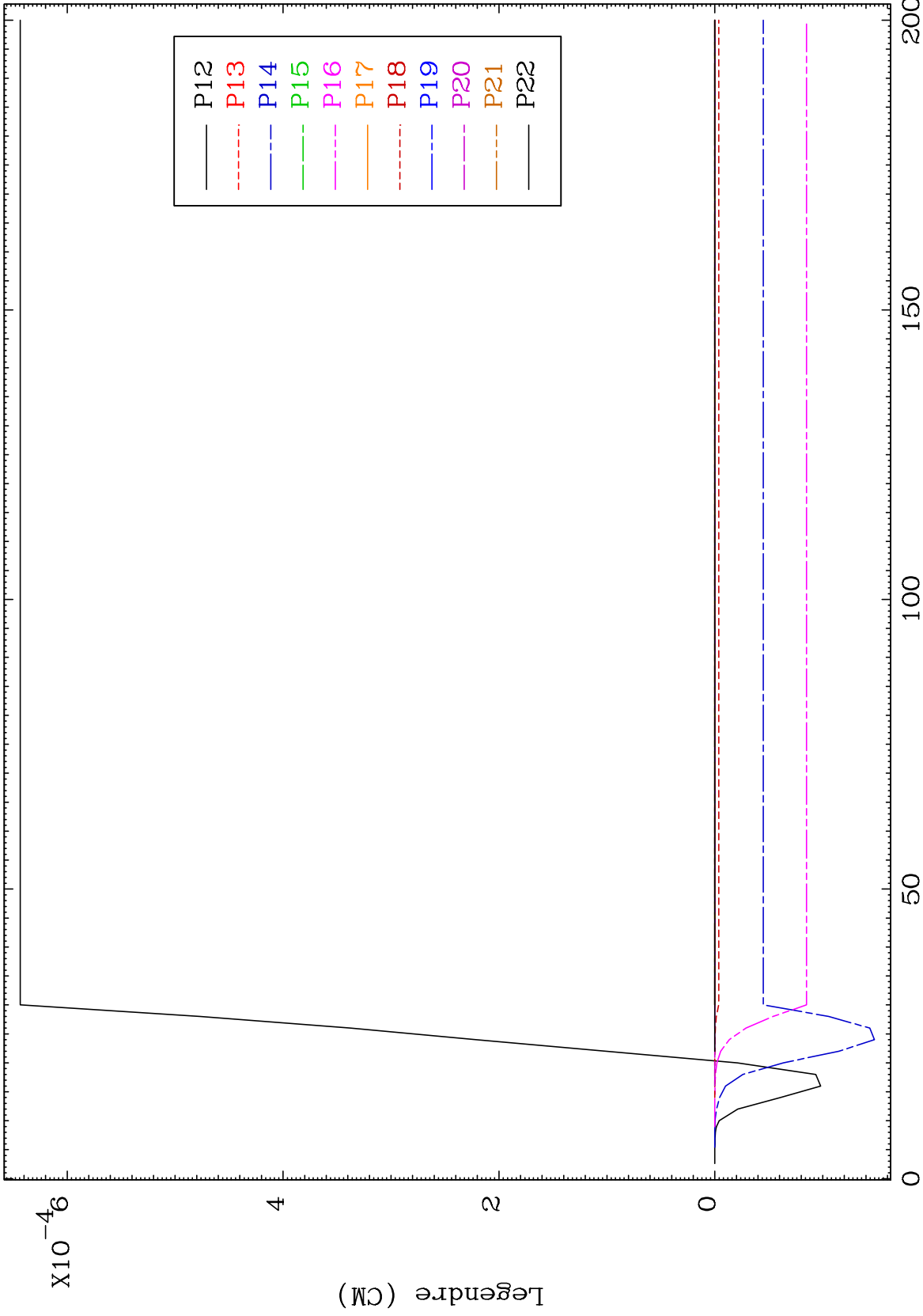
52-Te-121



MAT 5228

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

52-Te-121

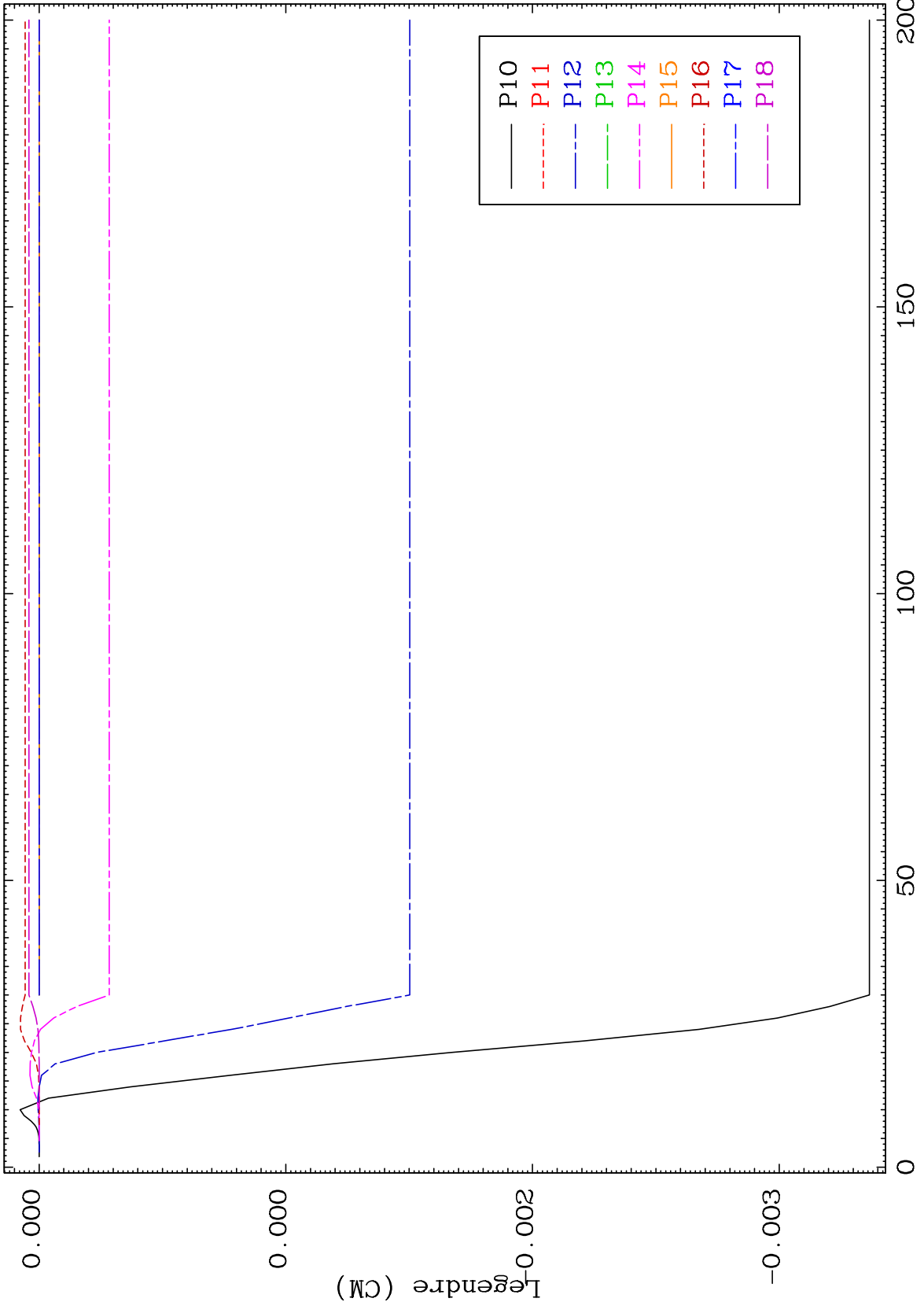


104

Incident Energy (MeV)

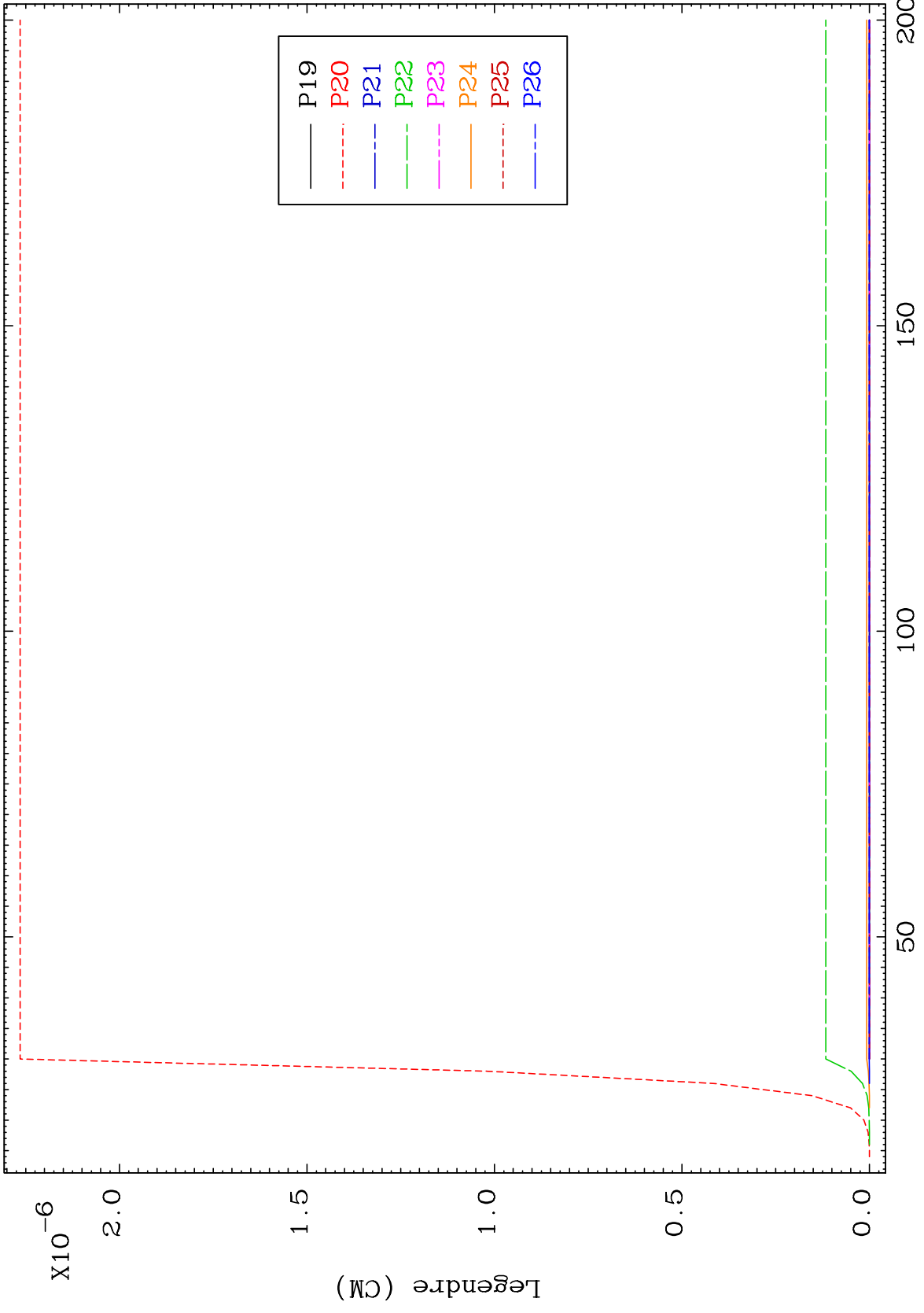
52-Te-121

MAT 5228 MT= 79 (n,n') Level Legendre Coefficients 52-Te-121

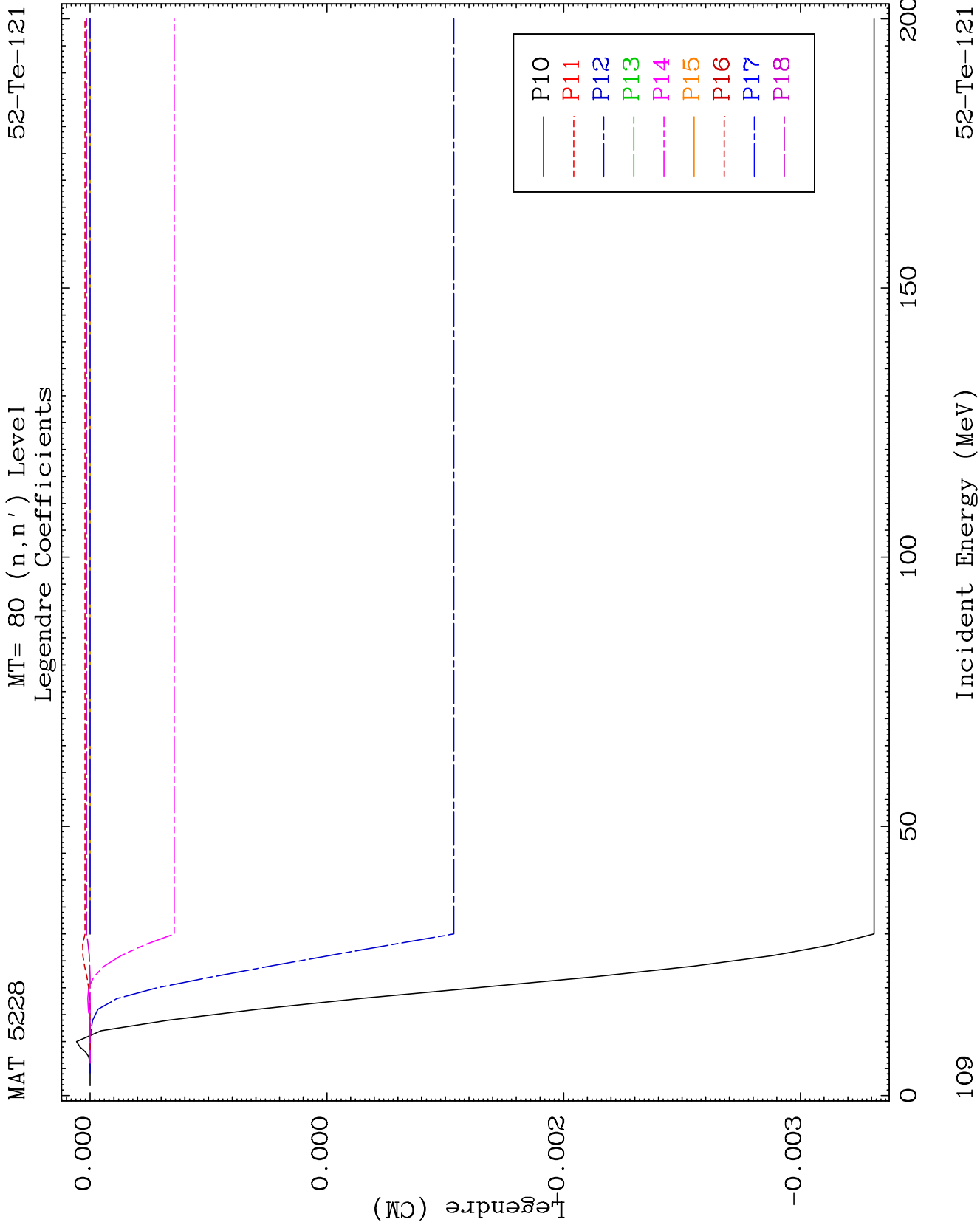


106 52-Te-121

MAT 5228 MT= 79 (n,n') Level Legendre Coefficients 52-Te-121



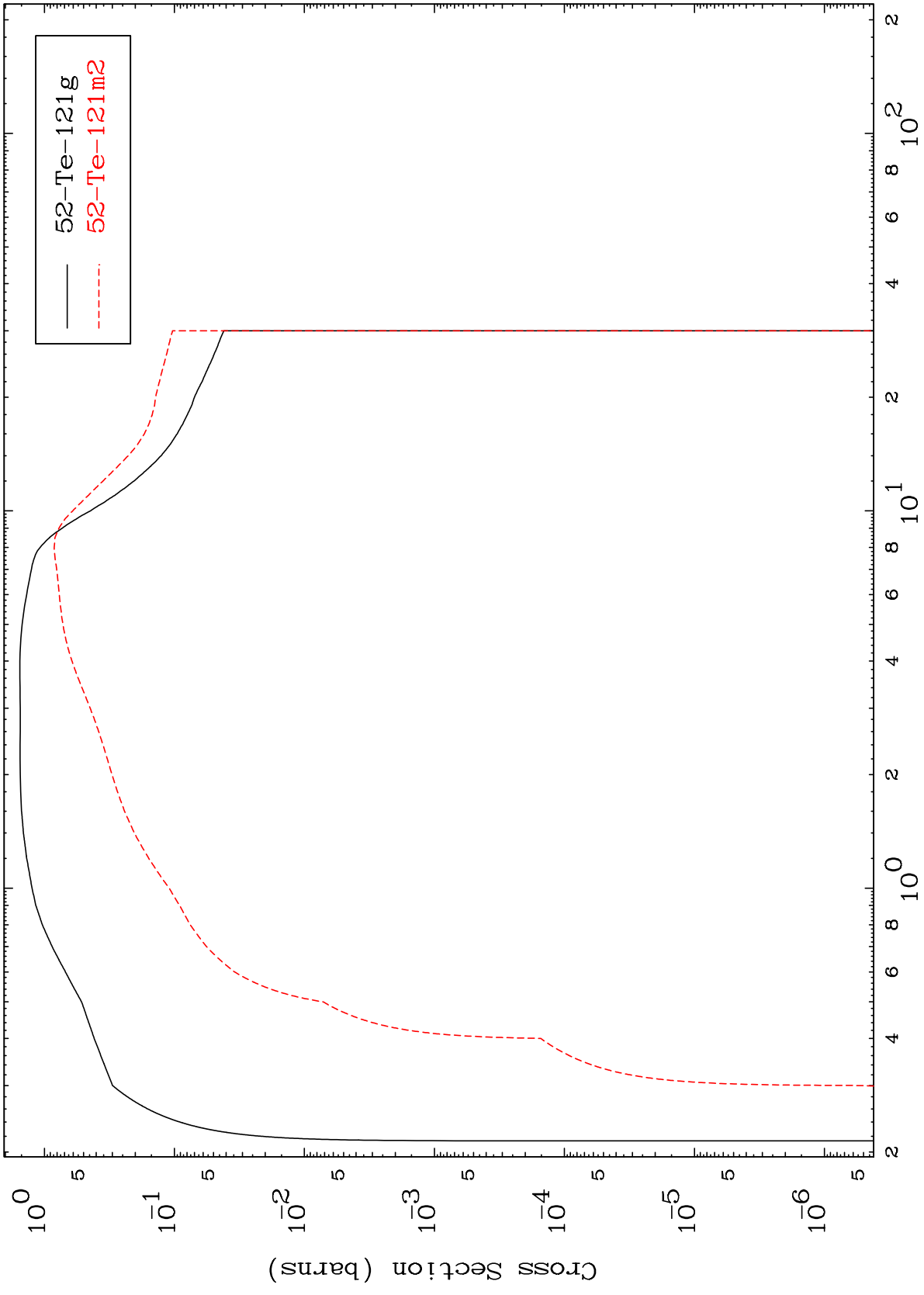
107 52-Te-121



MAT 5228

52-Te-121

Inelastic
Radionuclide Production Cross Section



111

Incident Energy (MeV)

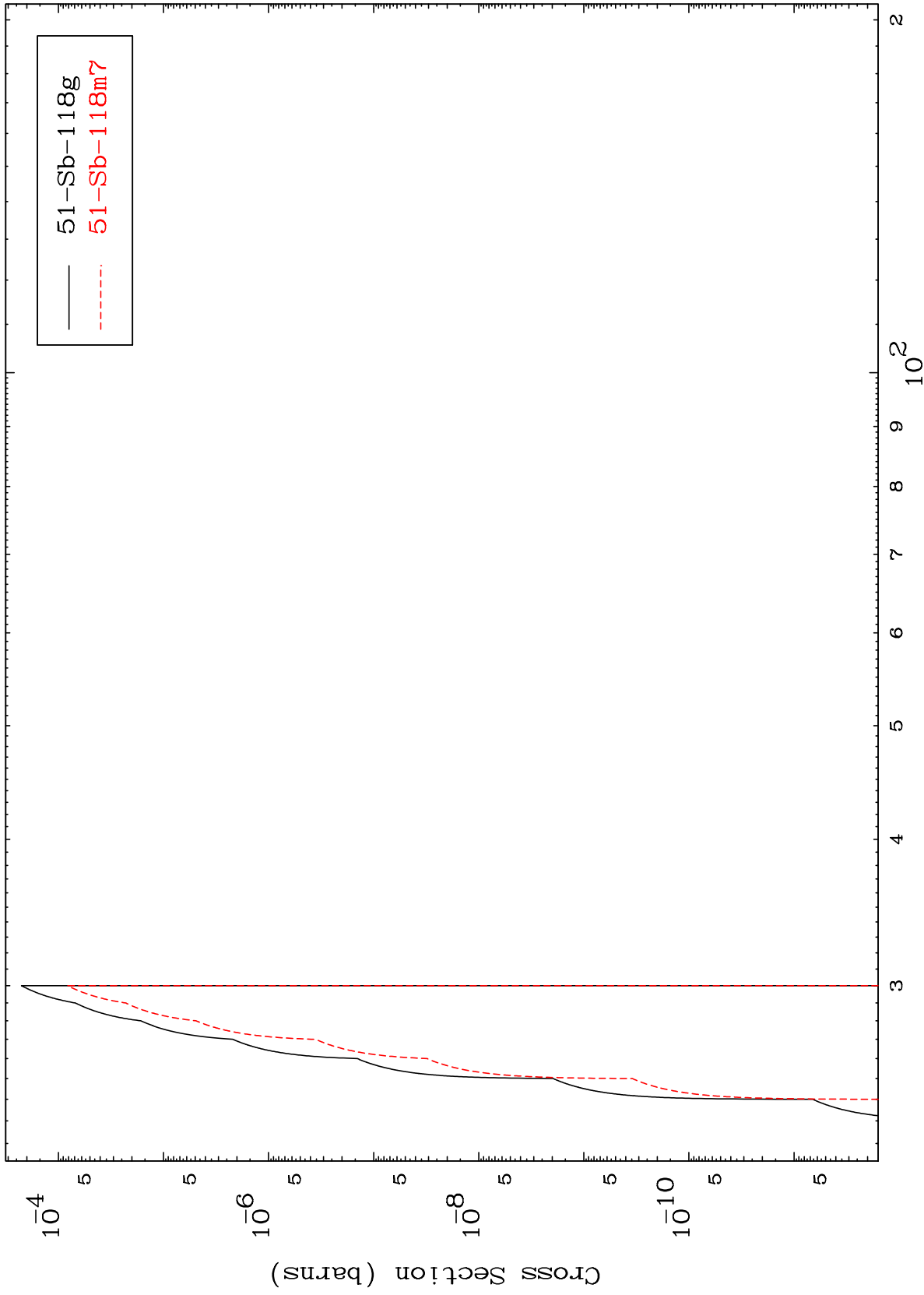
52-Te-121

MAT 5228

(n,2n) d

52-Te-121

Radionuclide Production Cross Section



112

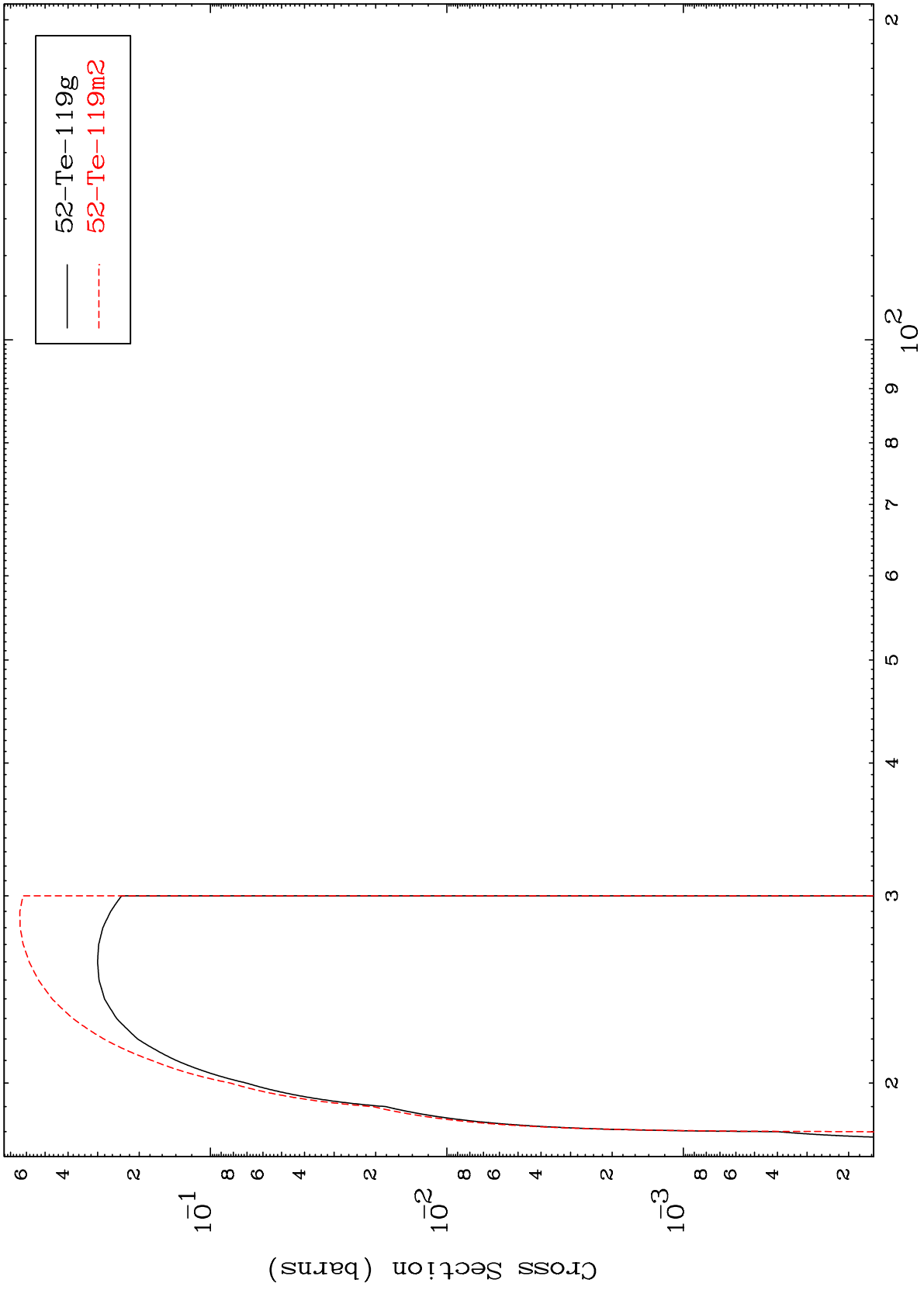
Incident Energy (MeV)

52-Te-121

MAT 5228

52-Te-121

(n,3n)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

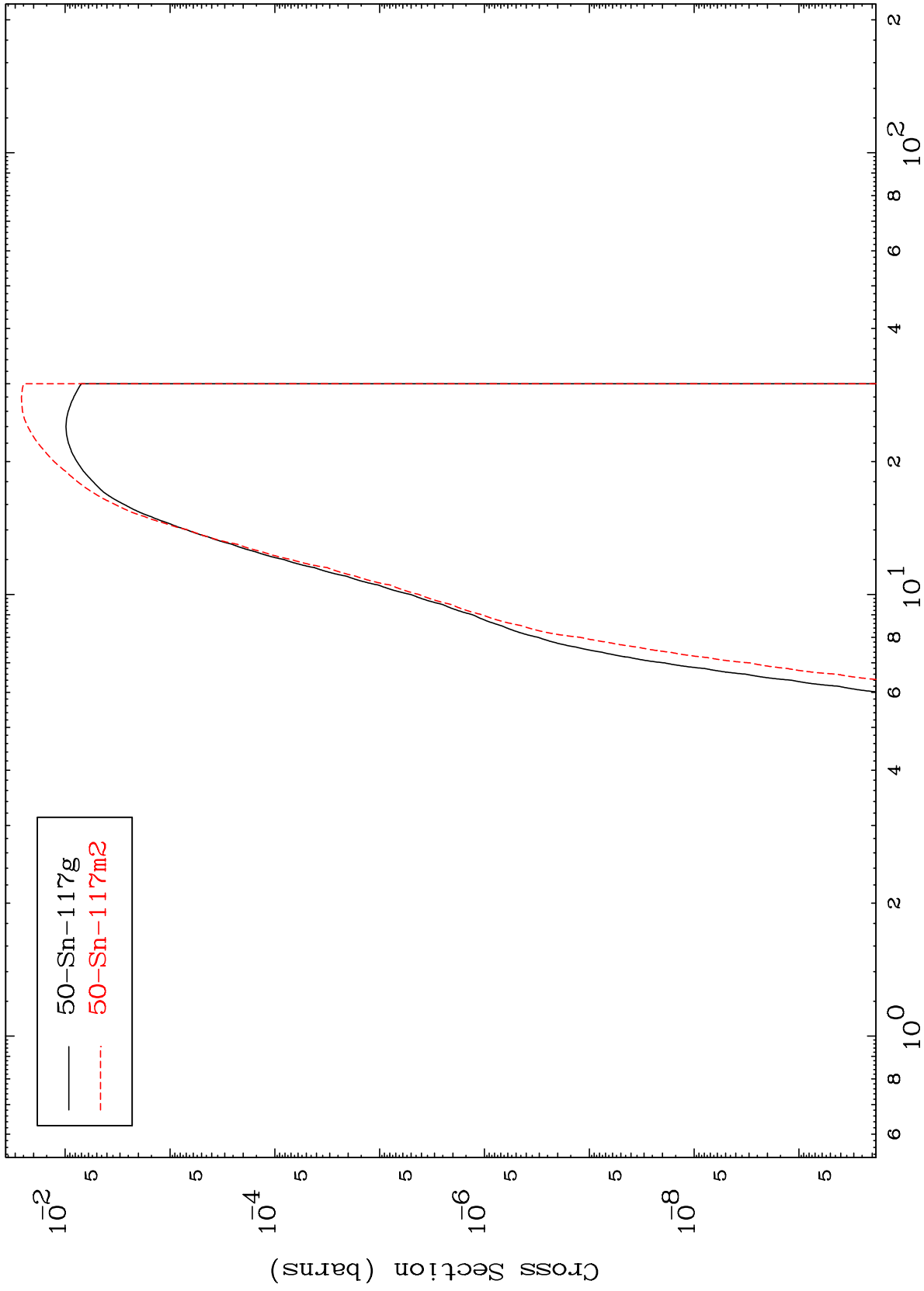
52-Te-121

MAT 5228

(n,n') α

52-Te-121

Radionuclide Production Cross Section



— 50-Sn-117g
- - - 50-Sn-117m2

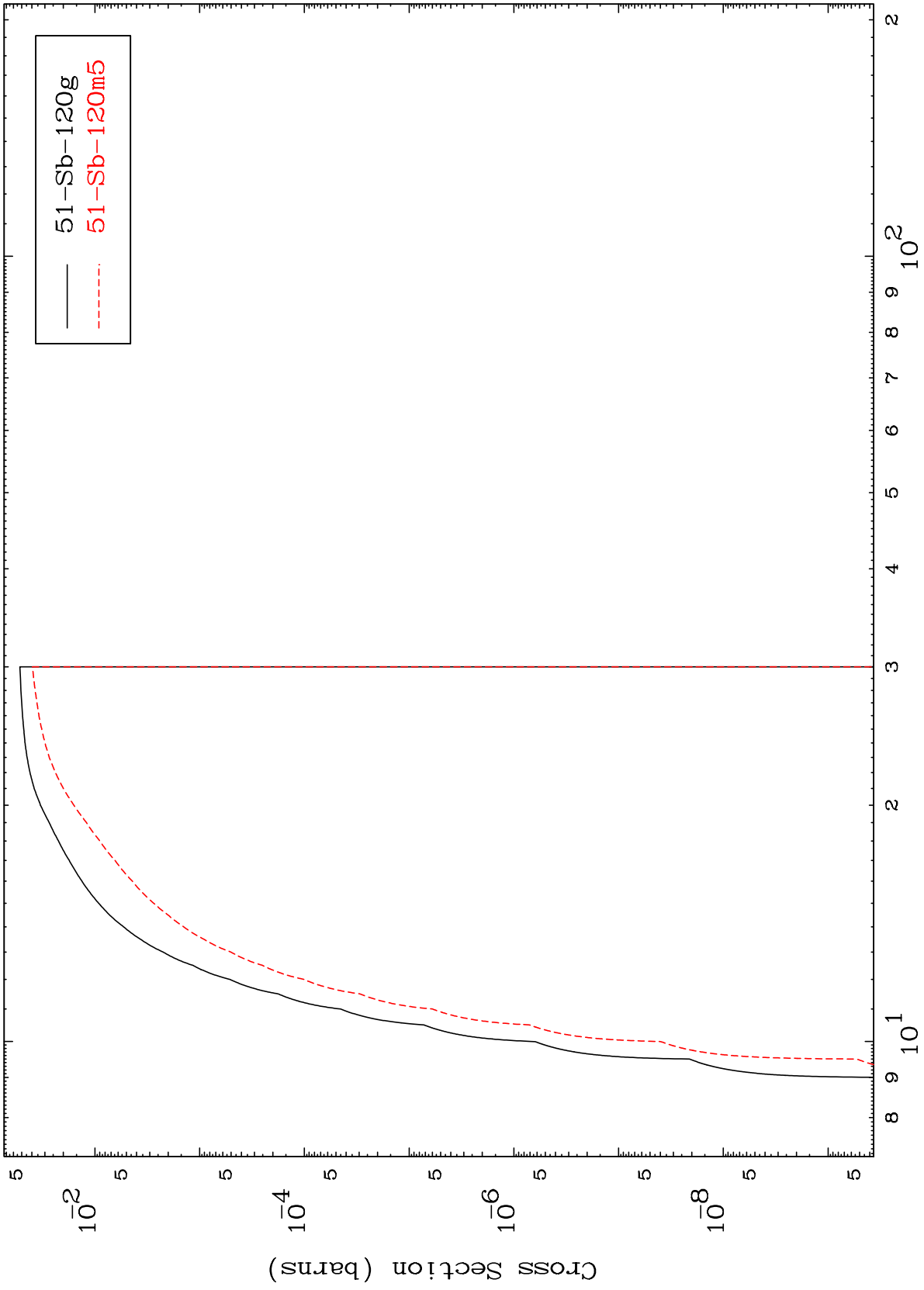
114

MAT 5228

(n,n') p

52-Te-121

Radionuclide Production Cross Section



115

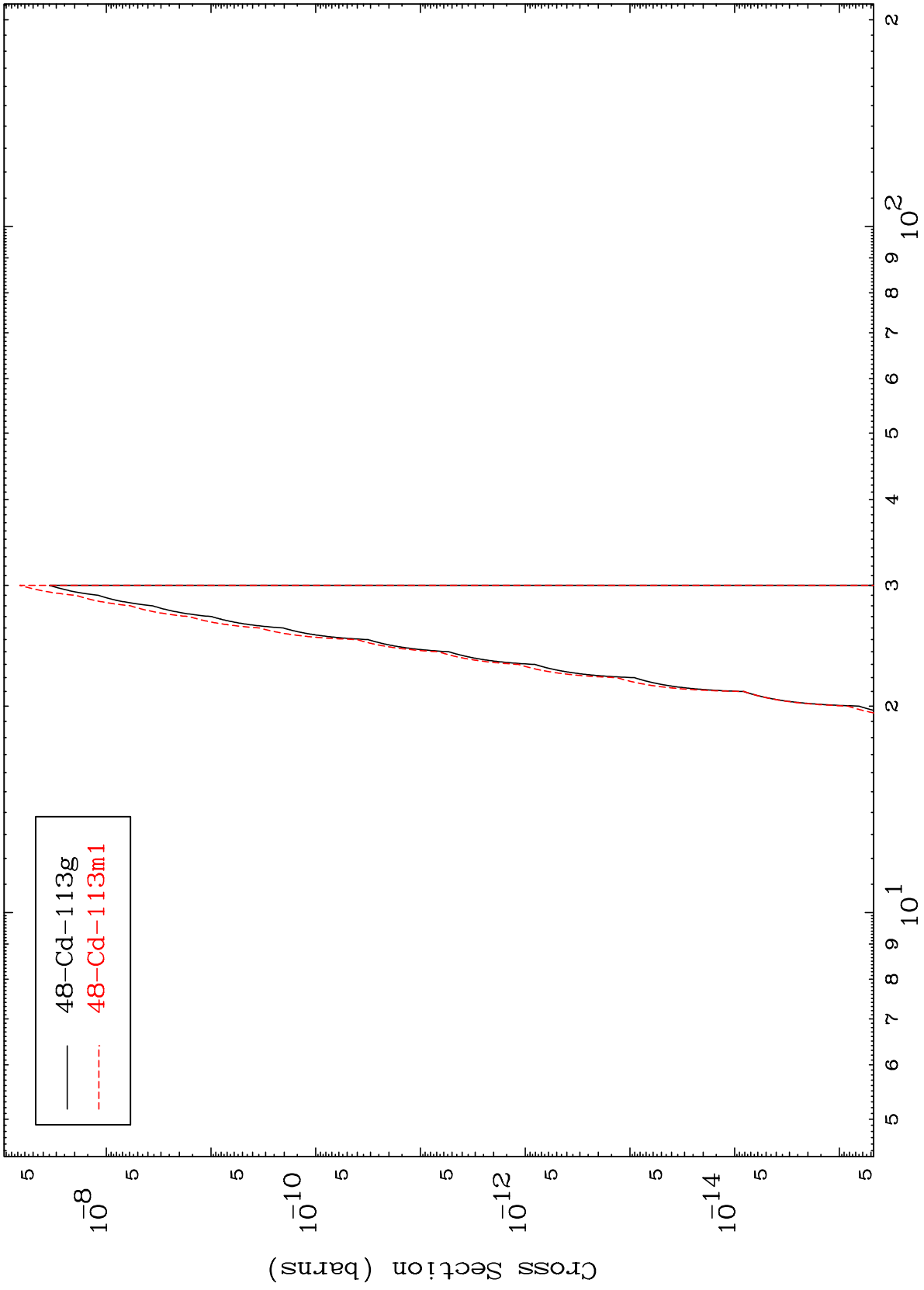
Incident Energy (MeV)

52-Te-121

MAT 5228

52-Te-121

(n,n') 2α
Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

116

52-Te-121

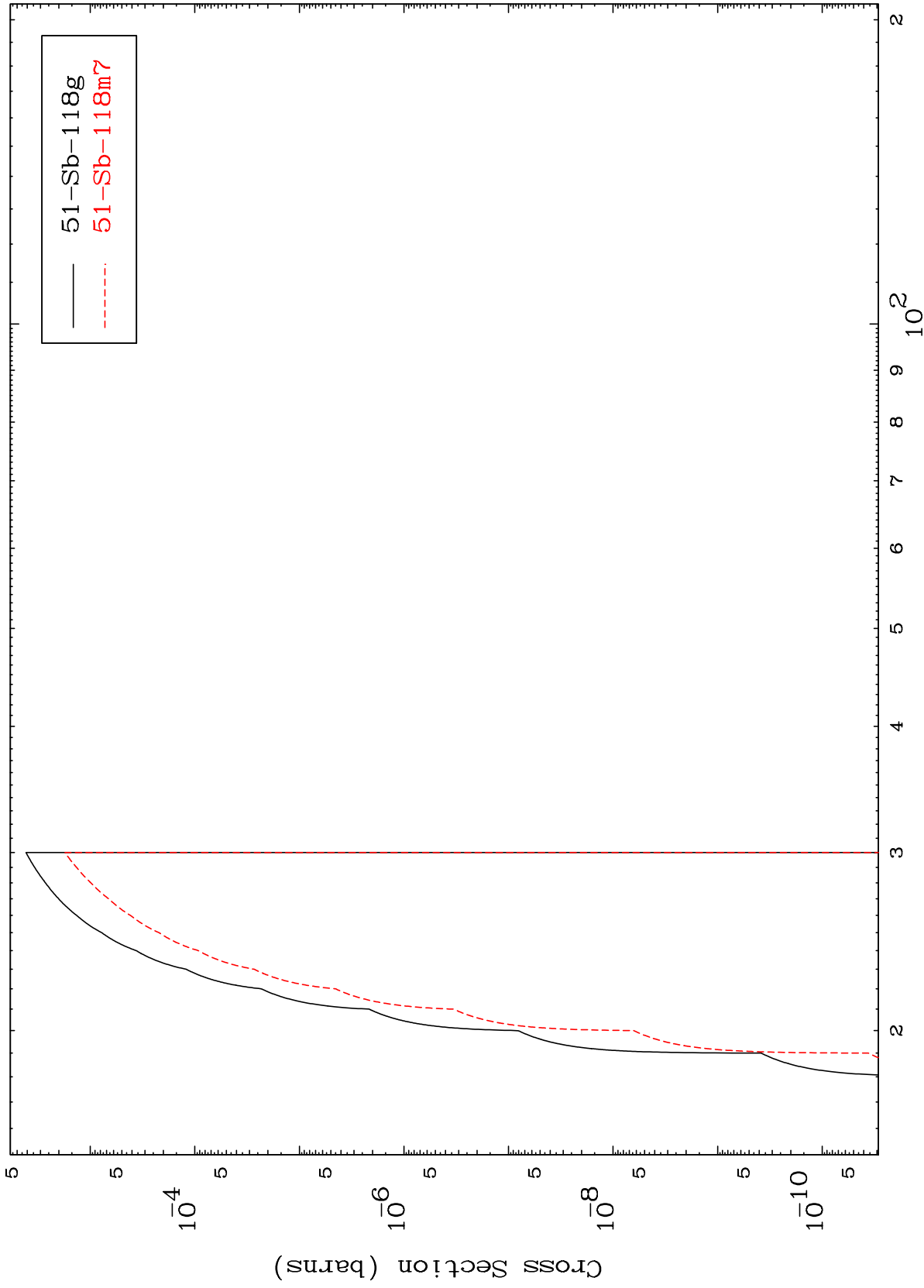
Incident Energy (MeV)

MAT 5228

(n,n') t

52-Te-121

Radionuclide Production Cross Section



117

Incident Energy (MeV)

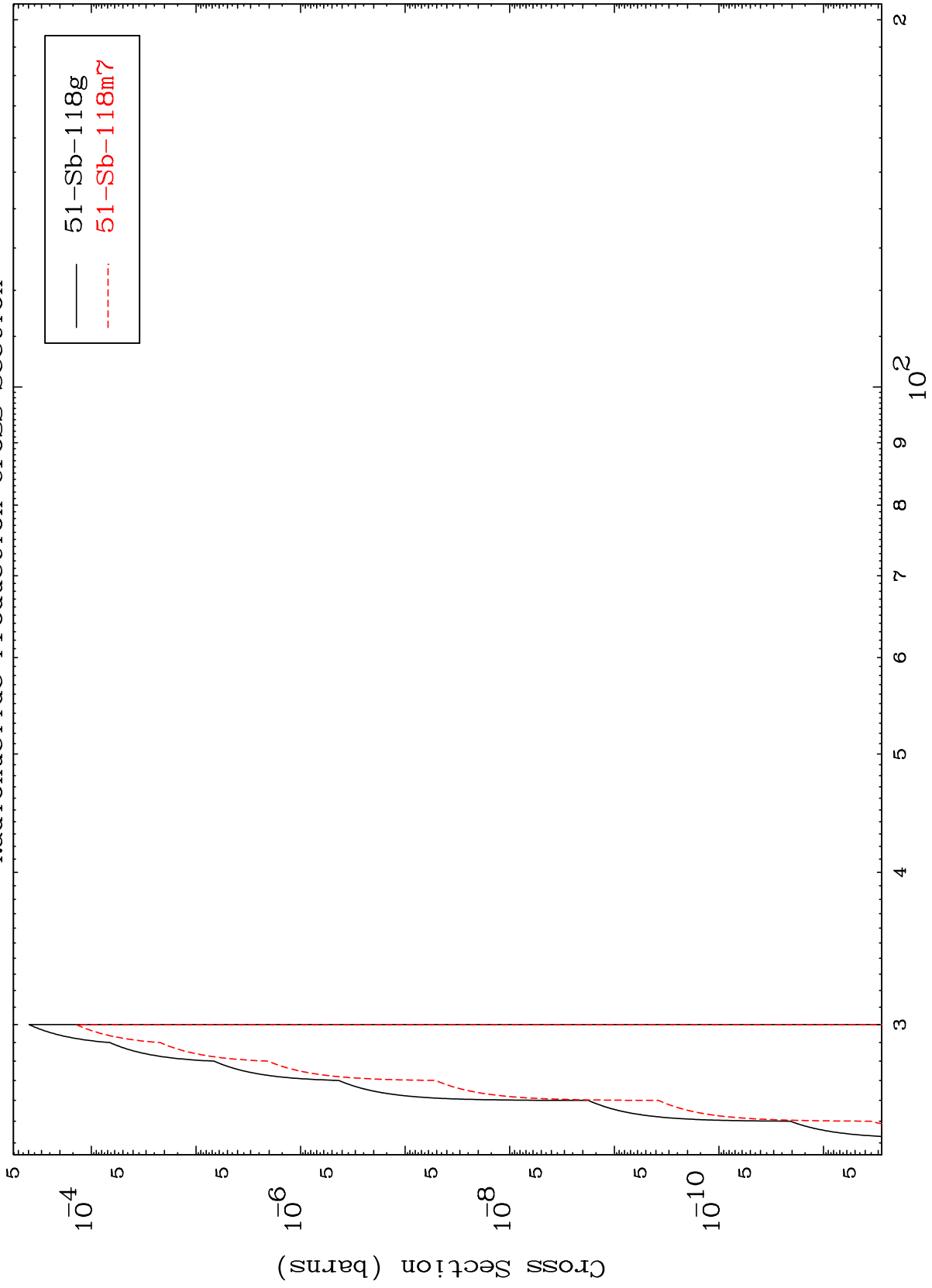
52-Te-121

MAT 5228

(n,3n) p

52-Te-121

Radionuclide Production Cross Section



118

Incident Energy (MeV)

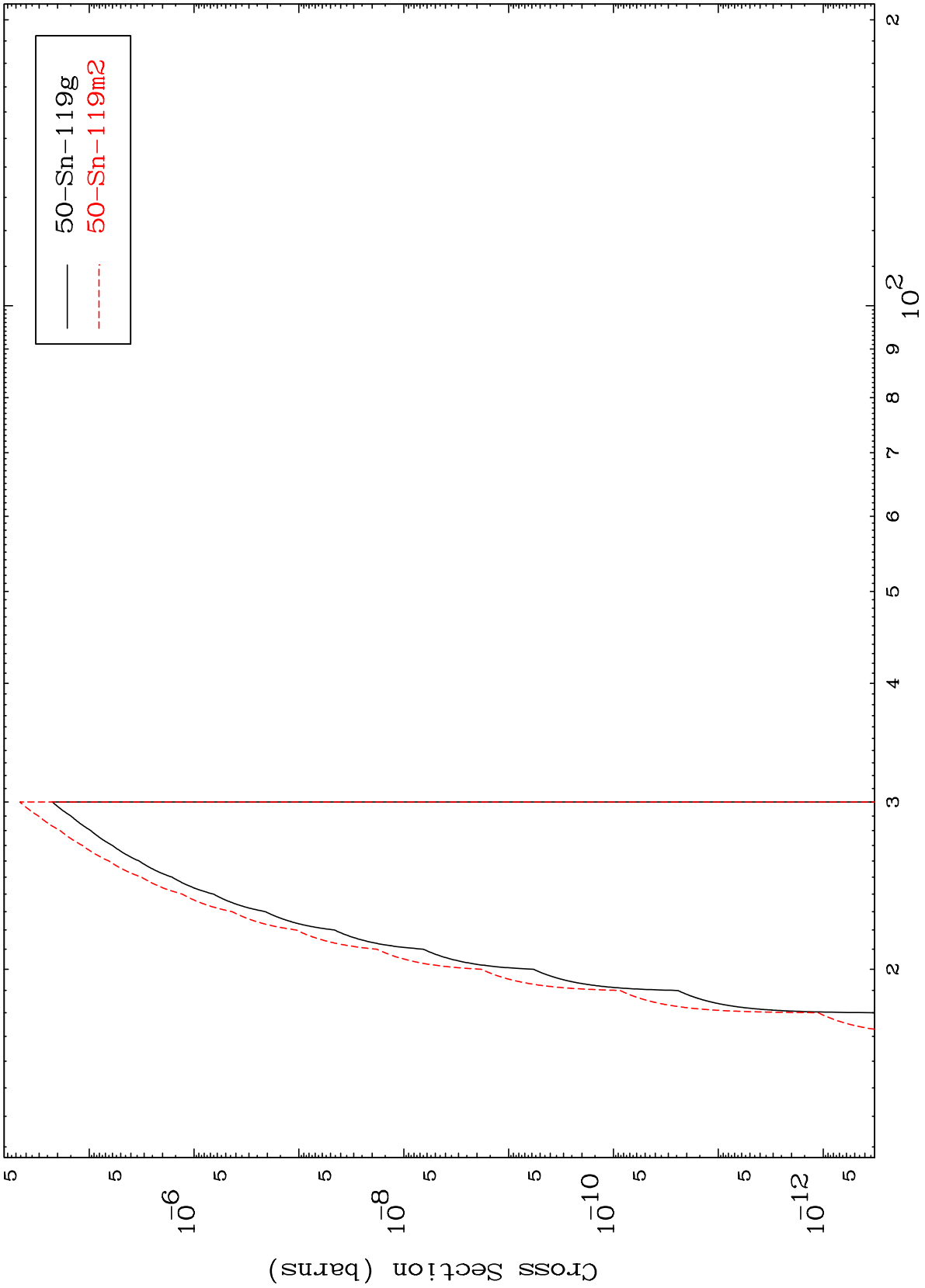
52-Te-121

MAT 5228

(n,2n) p

52-Te-121

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

119

Incident Energy (MeV)

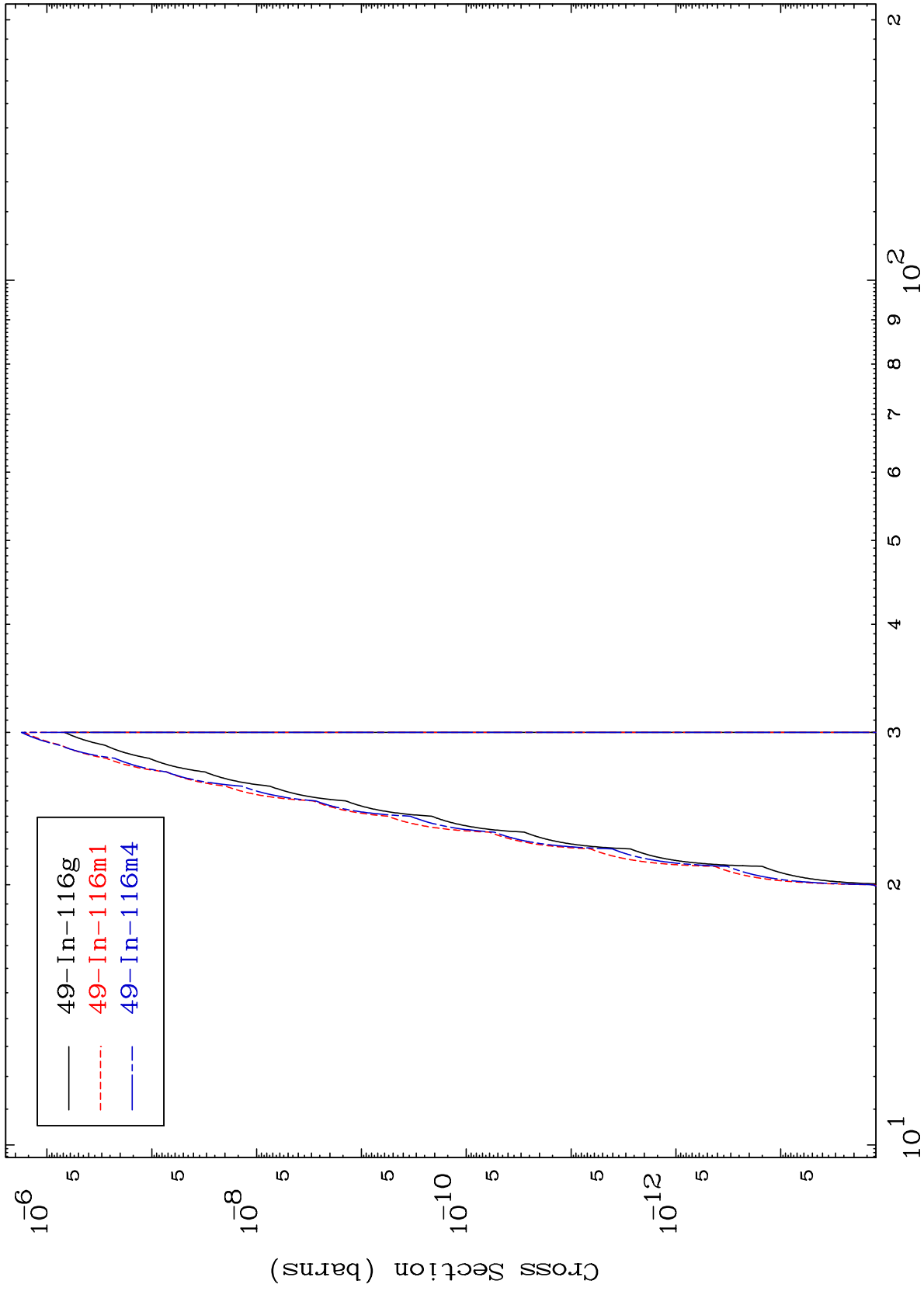
52-Te-121

MAT 5228

(n,n') p α

52-Te-121

Radionuclide Production Cross Section



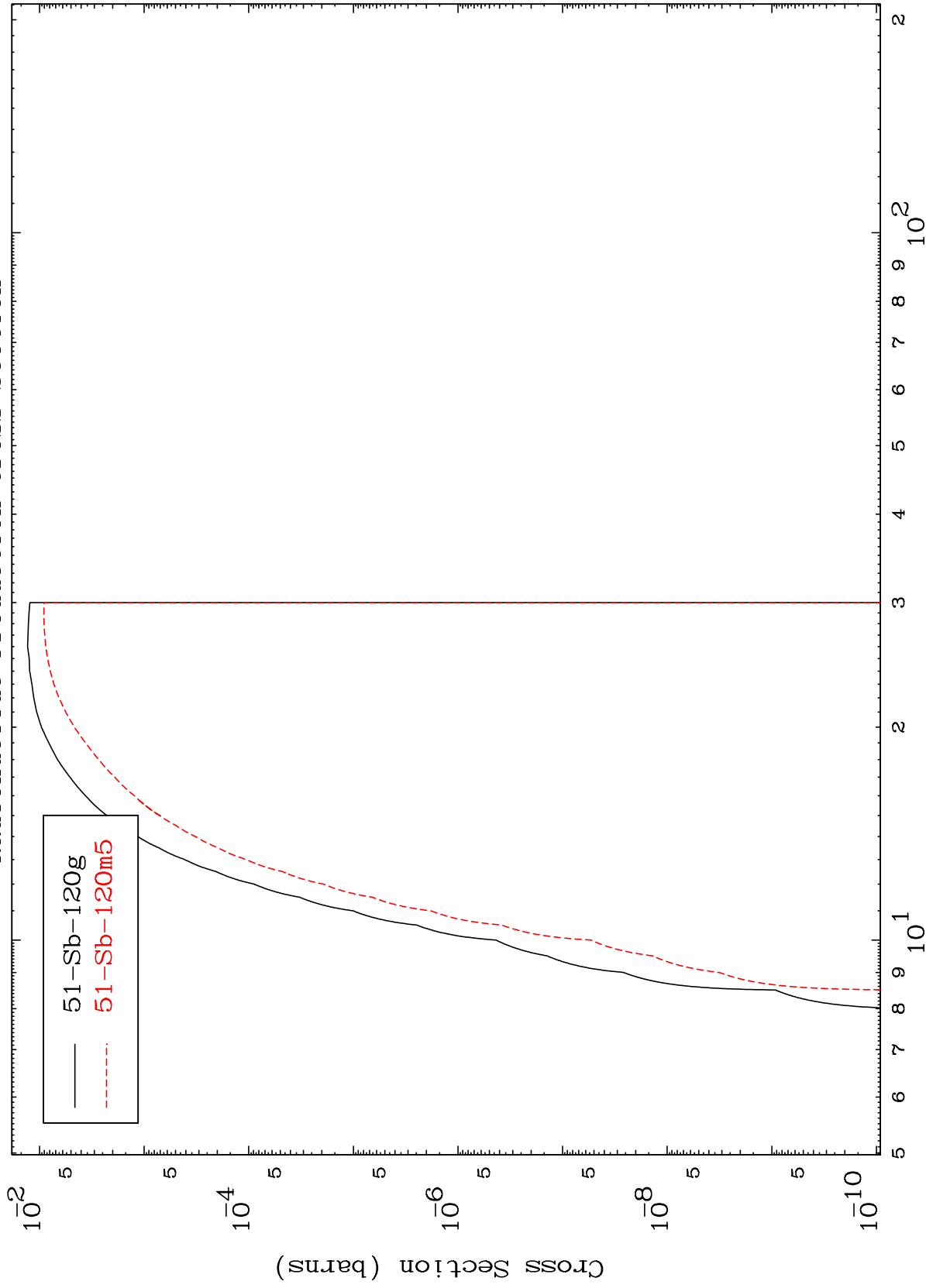
Incident Energy (MeV)

52-Te-121

MAT 5228

52-Te-121

Radionuclide Production Cross Section (n,d)



121

Incident Energy (MeV)

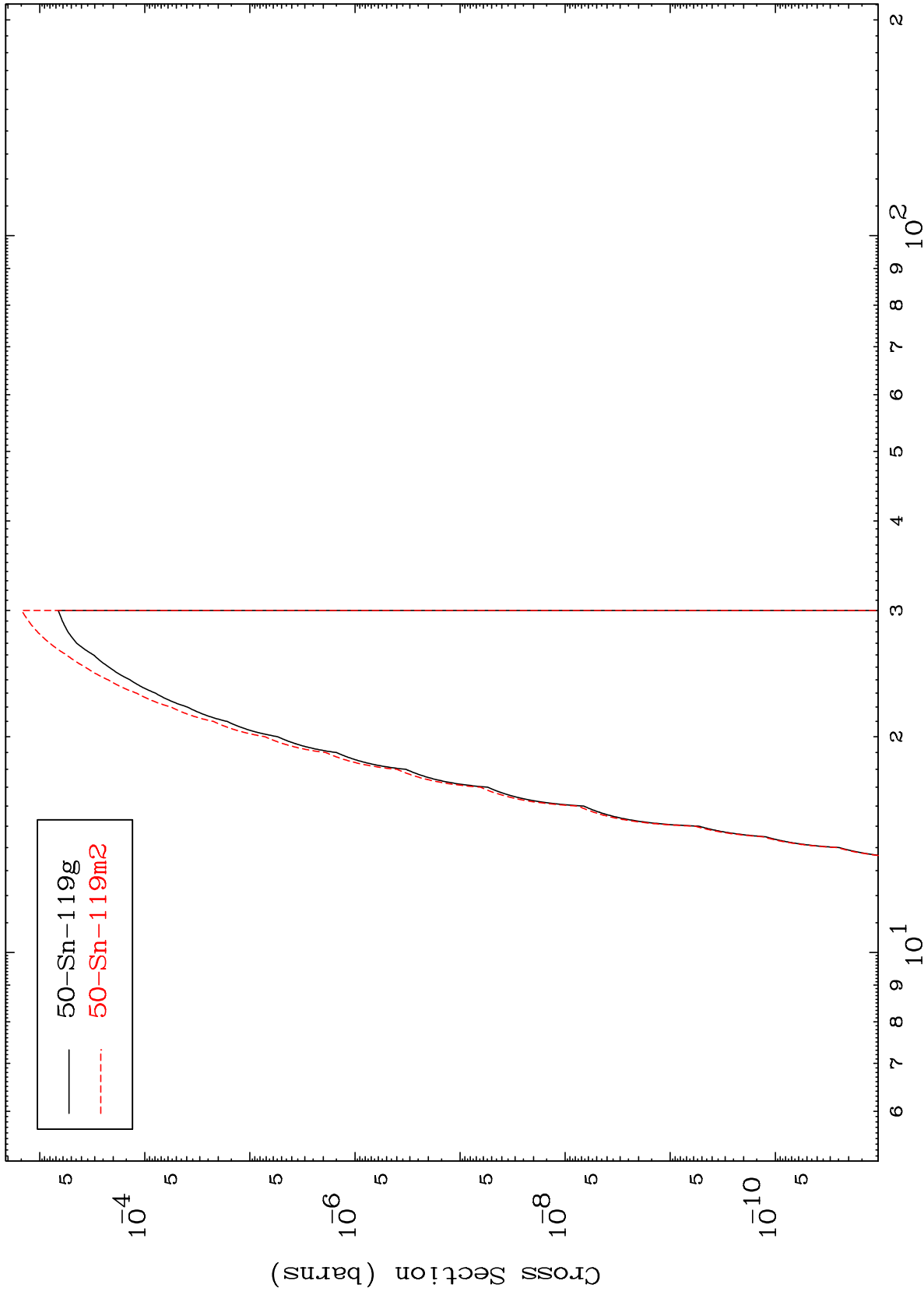
52-Te-121

MAT 5228

(n, He-3)

52-Te-121

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

122

Incident Energy (MeV)

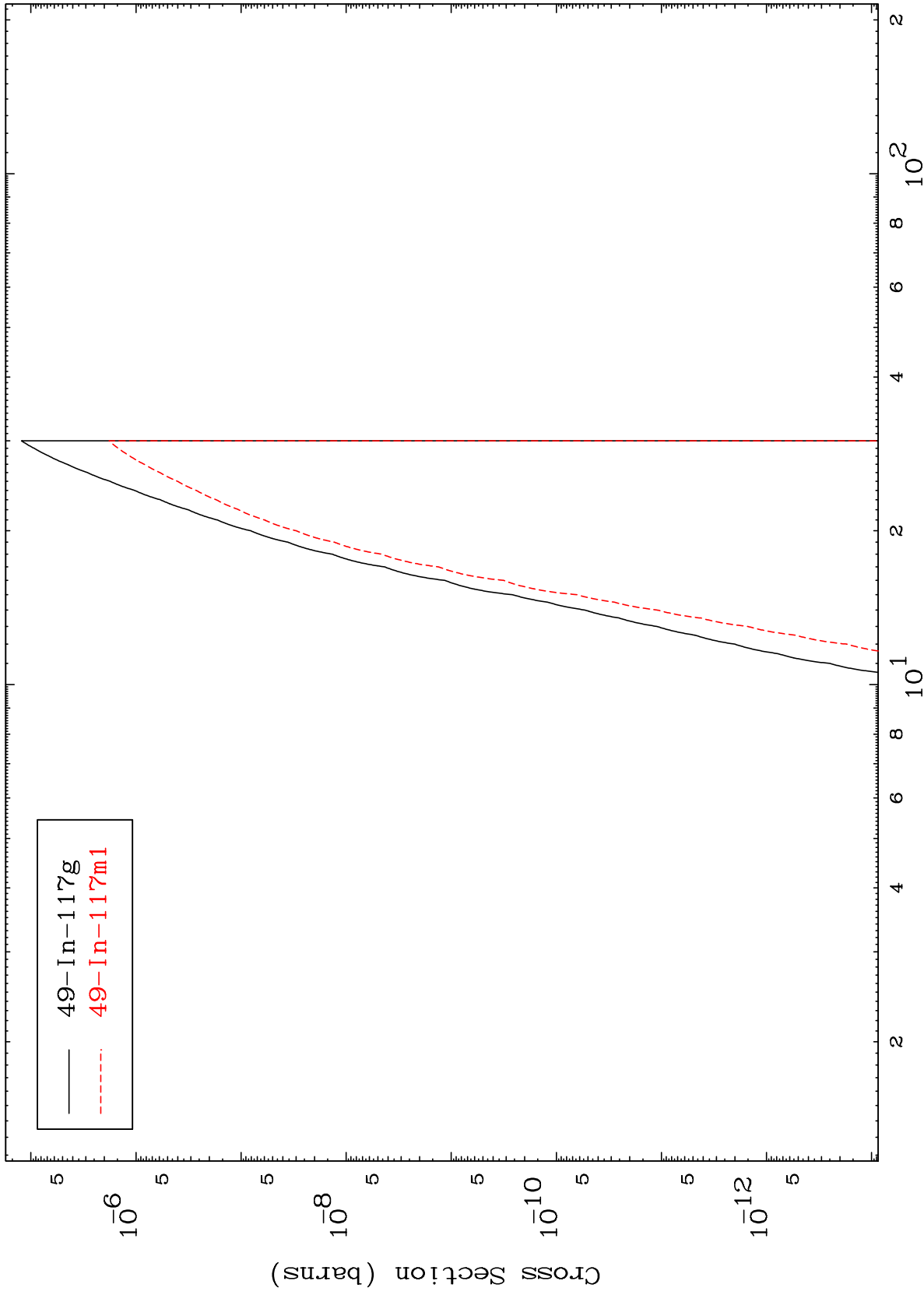
52-Te-121

MAT 5228

(n,p) α

52-Te-121

Radionuclide Production Cross Section

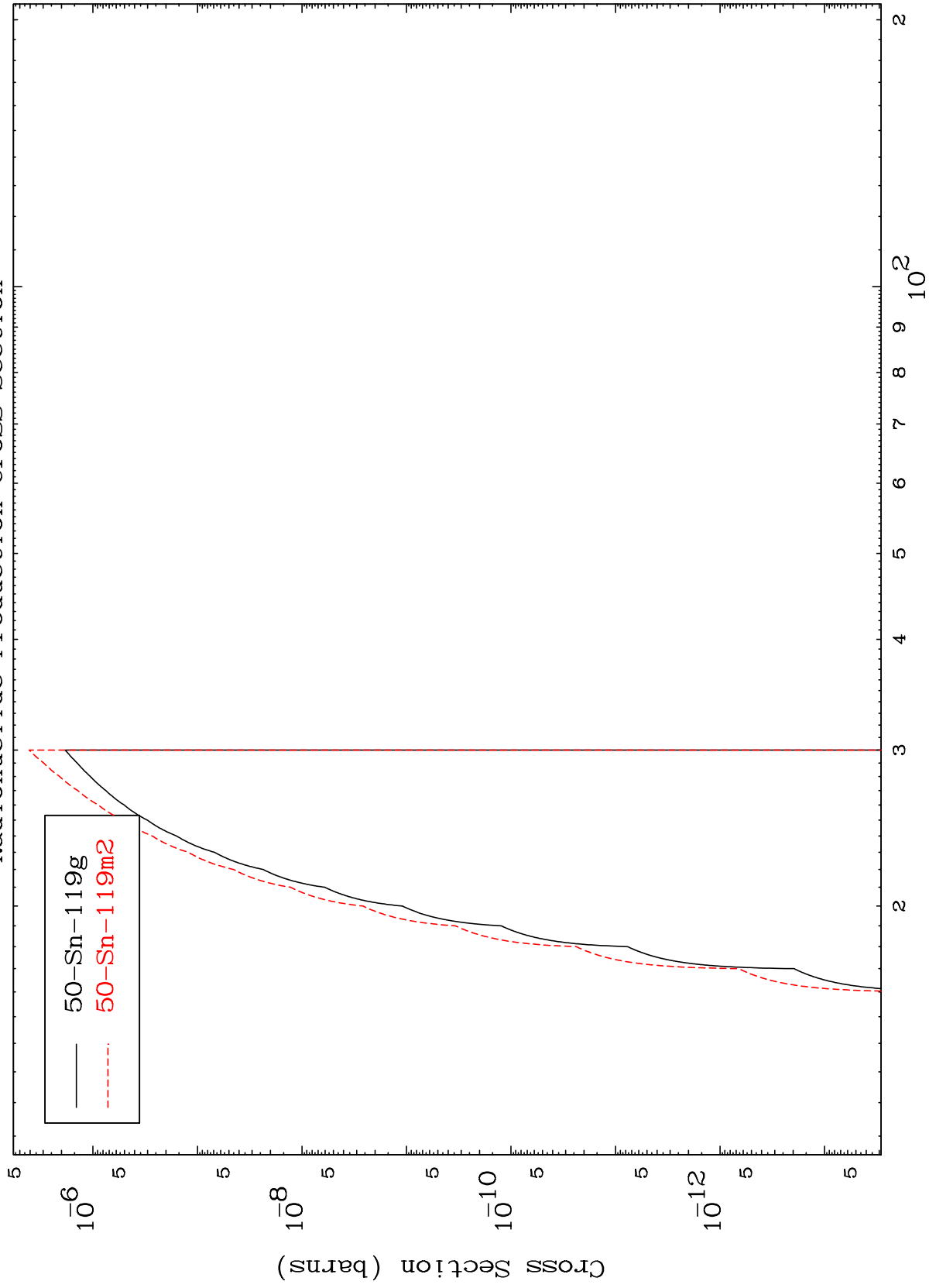


MAT 5228

(n,p) d

52-Te-121

Radionuclide Production Cross Section



124

Incident Energy (MeV)

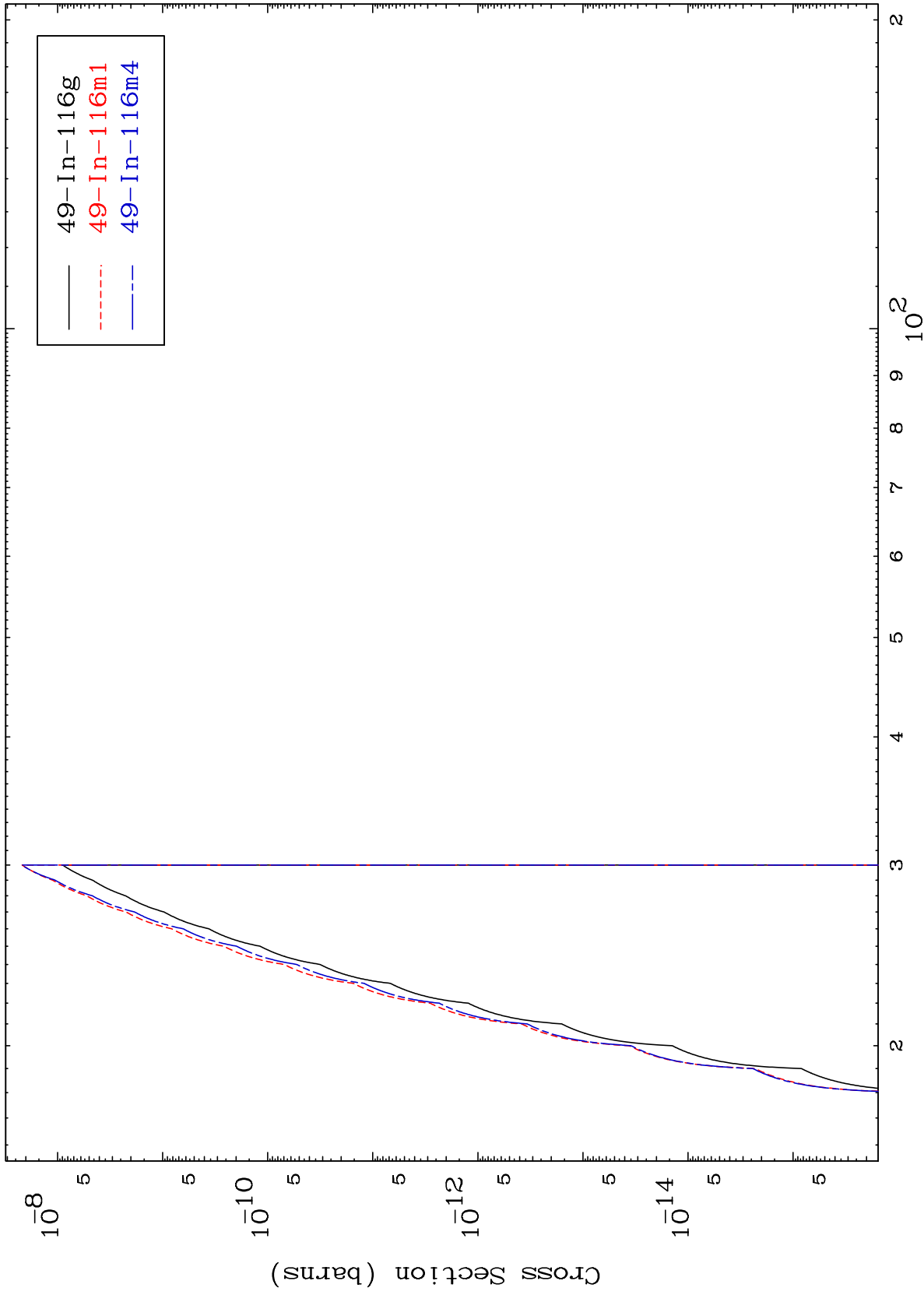
52-Te-121

MAT 5228

(n,d) α

52-Te-121

Radionuclide Production Cross Section



125

Incident Energy (MeV)

52-Te-121