

Program EVALPLOT
(Version 2021-1)

by

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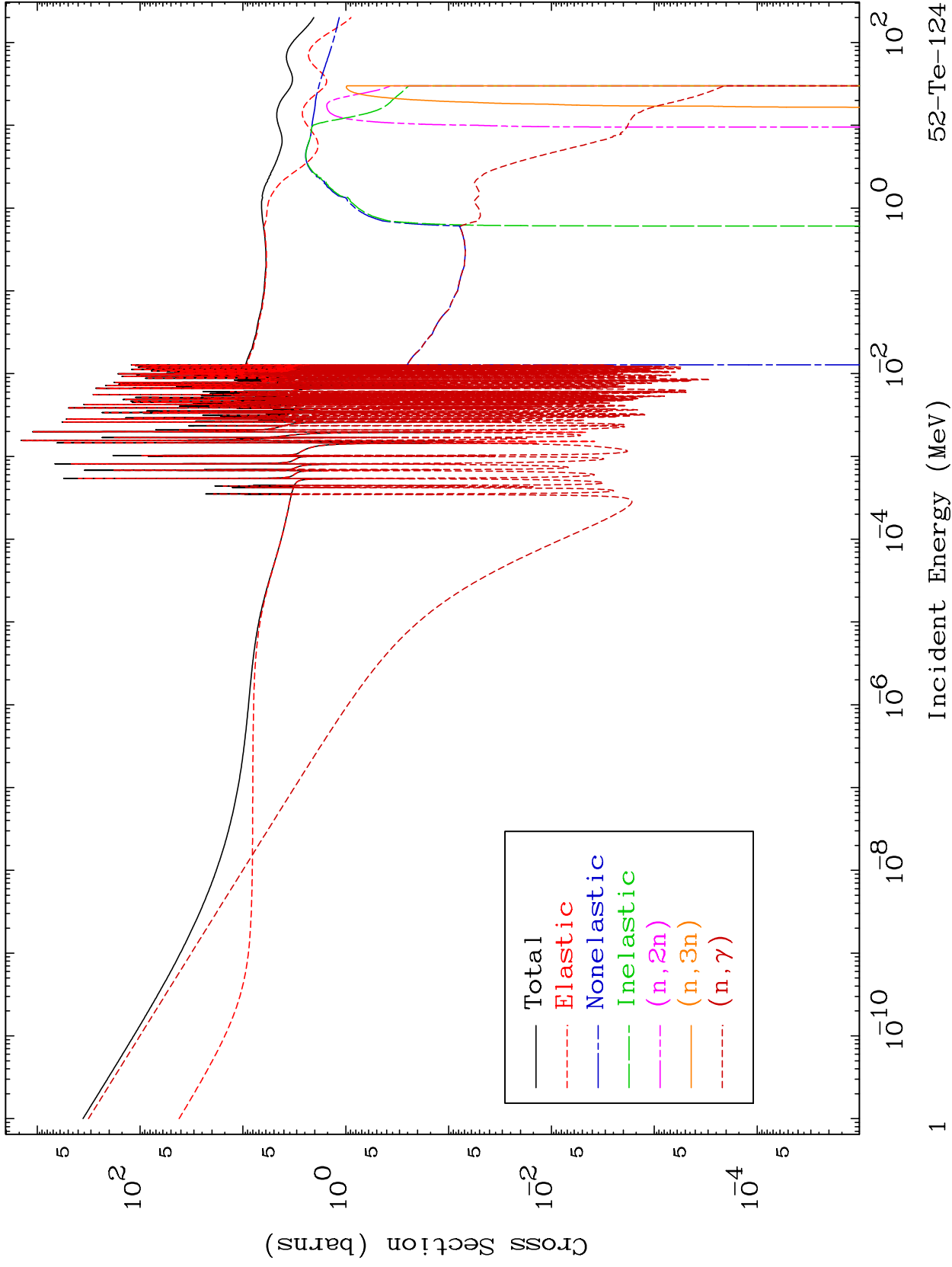
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Press Mouse Button to Start

MAT 5237

Neutron Major
293 Kelvin Cross Sections

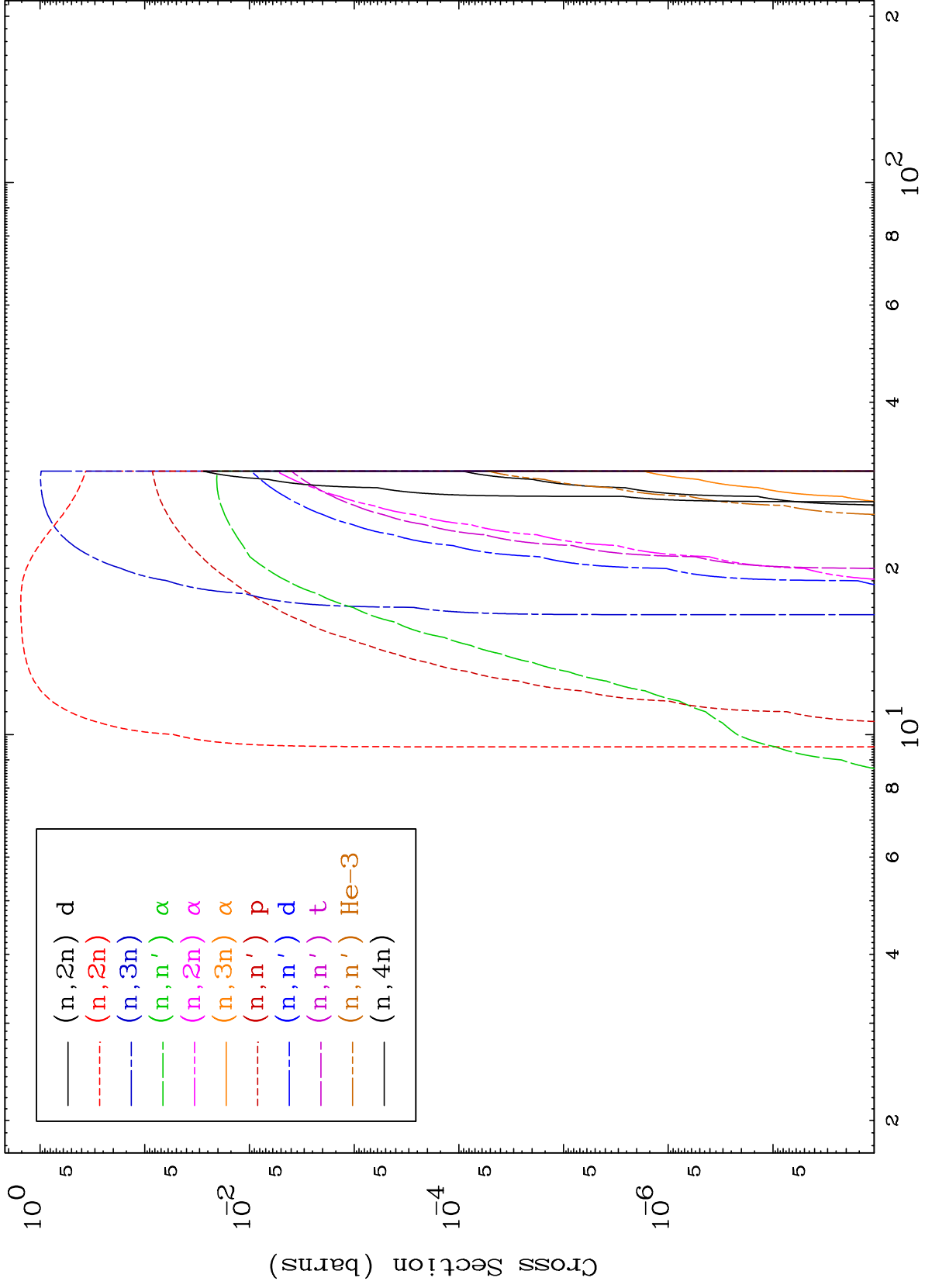
52-Te-124



MAT 5237

Neutron Absorption
293 Kelvin Cross Sections

52-Te-124



2

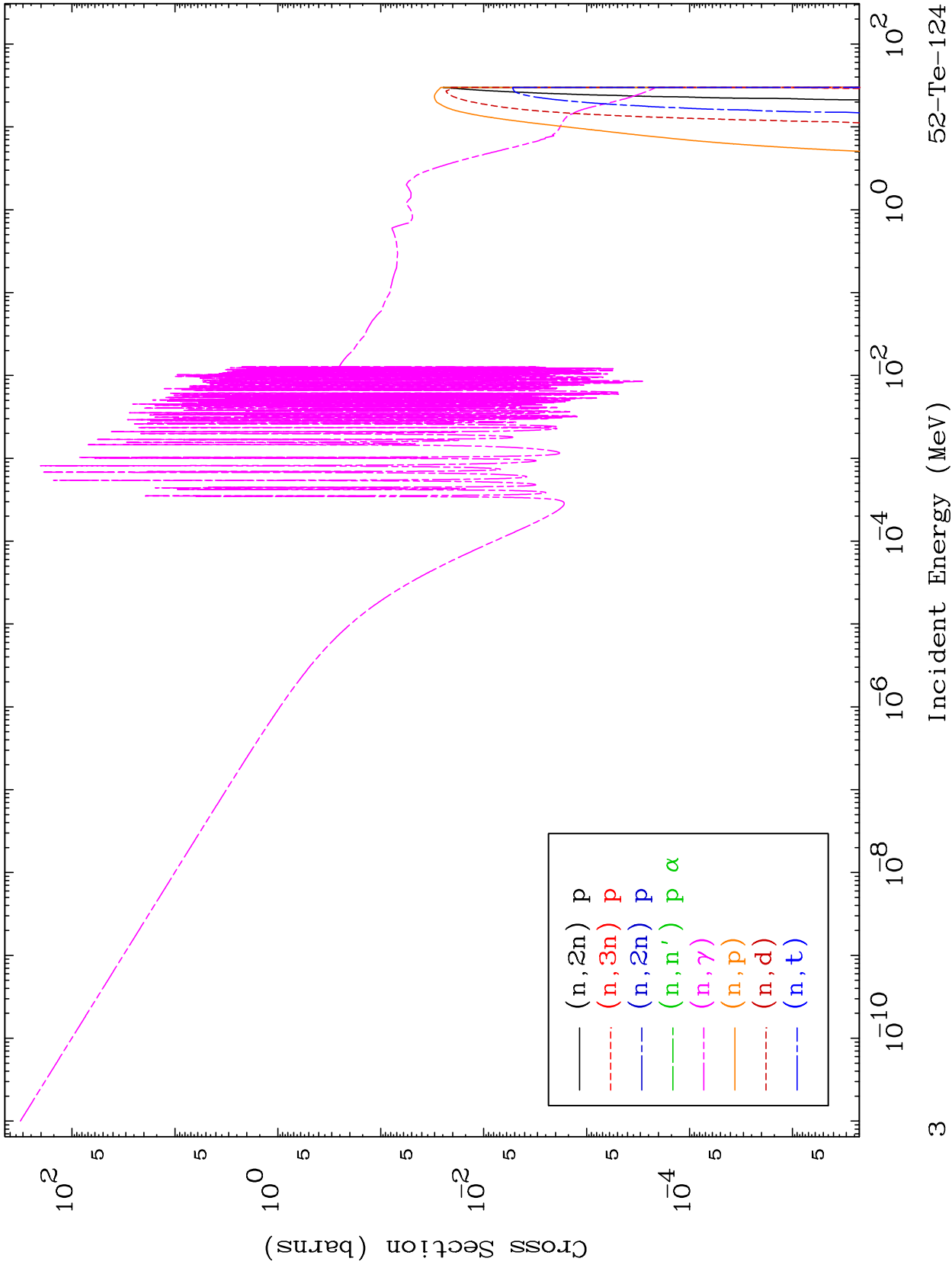
Incident Energy (MeV)

52-Te-124

MAT 5237

Neutron Absorption
293 Kelvin Cross Sections

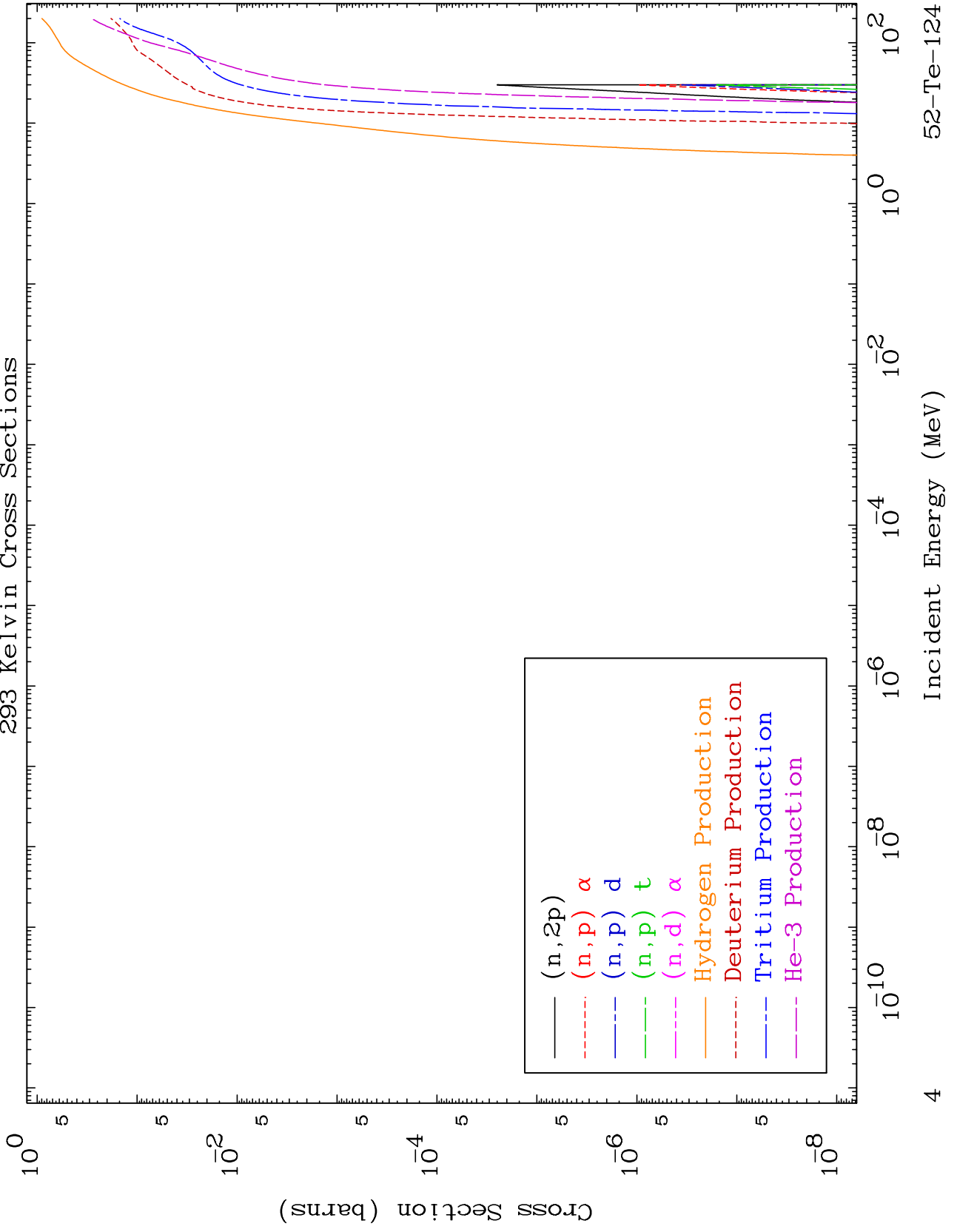
52-Te-124



MAT 5237

Neutron Absorption
293 Kelvin Cross Sections

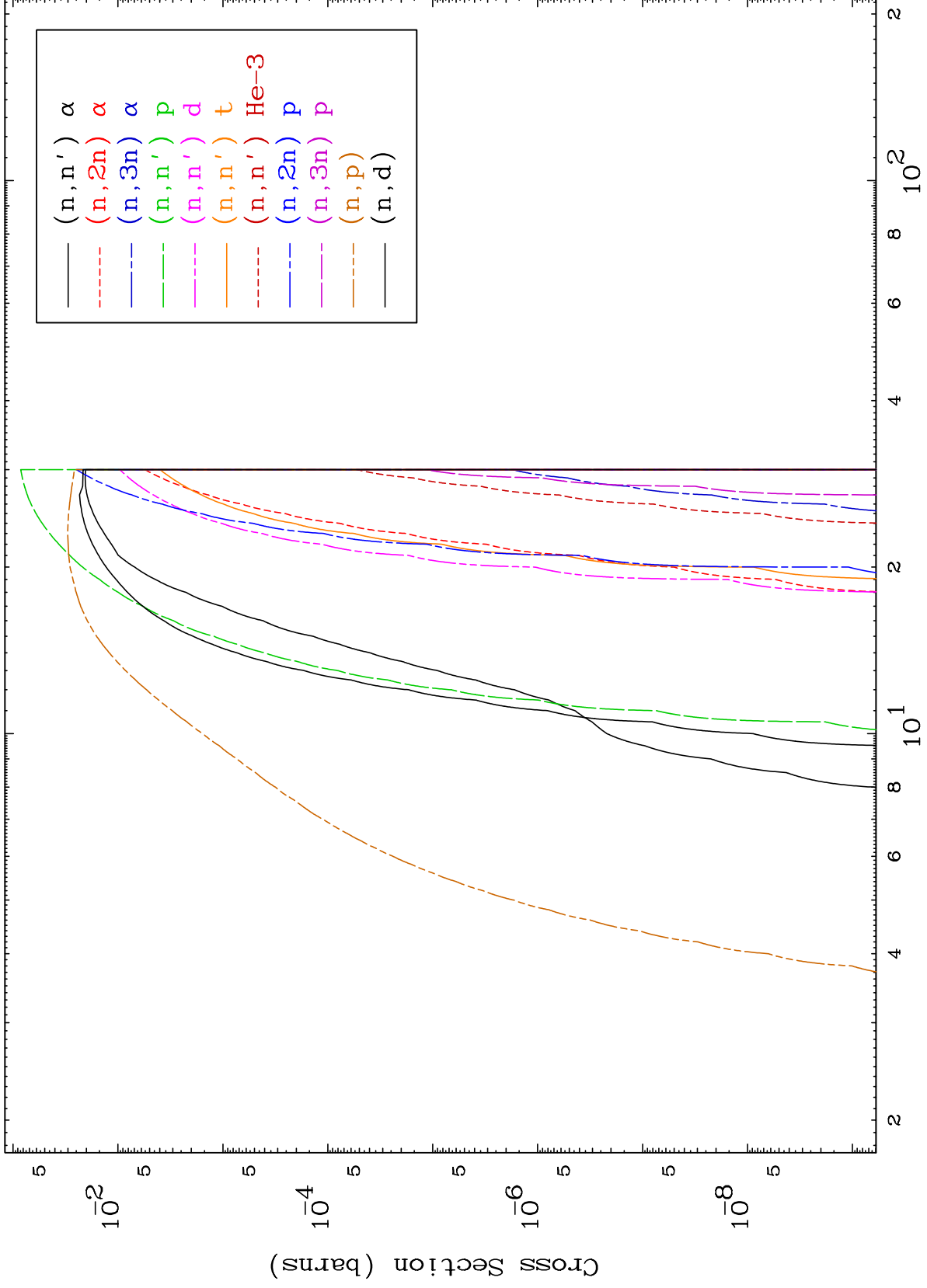
52-Te-124



MAT 5237

Charged Particle
293 Kelvin Cross Sections

52-Te-124



5

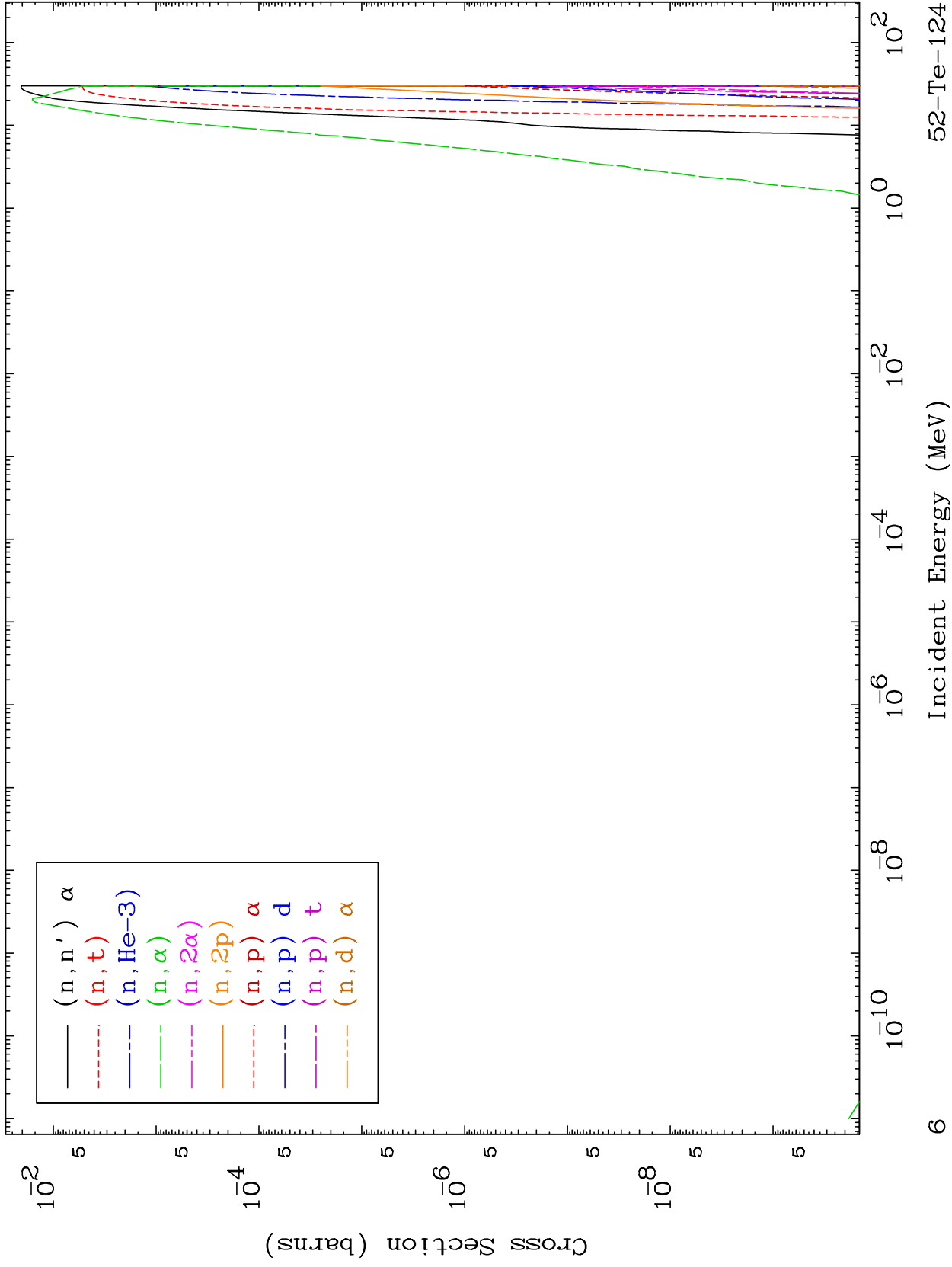
Incident Energy (MeV)

52-Te-124

MAT 5237

Charged Particle
293 Kelvin Cross Sections

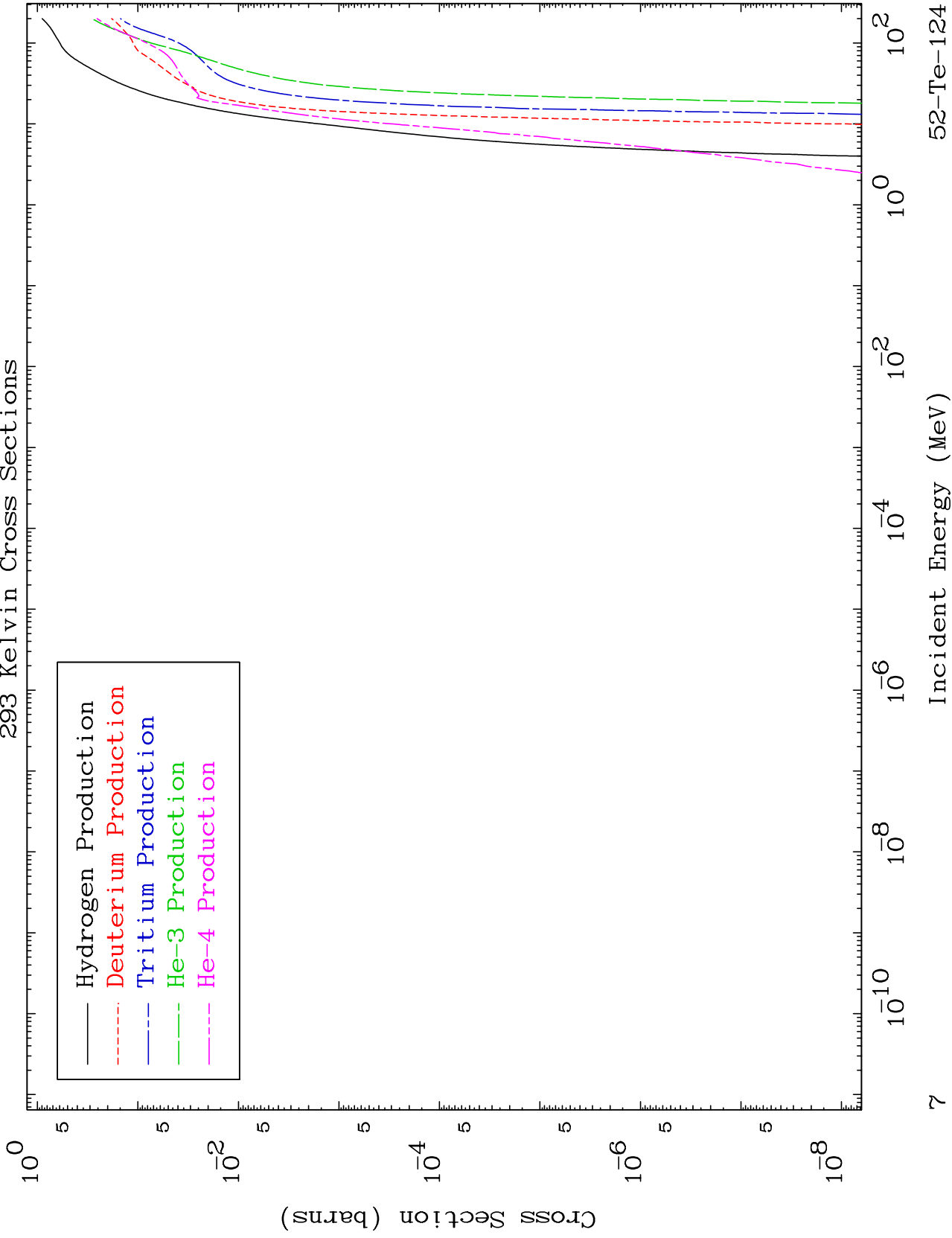
52-Te-124



MAT 5237

Particle Production
293 Kelvin Cross Sections

52-Te-124

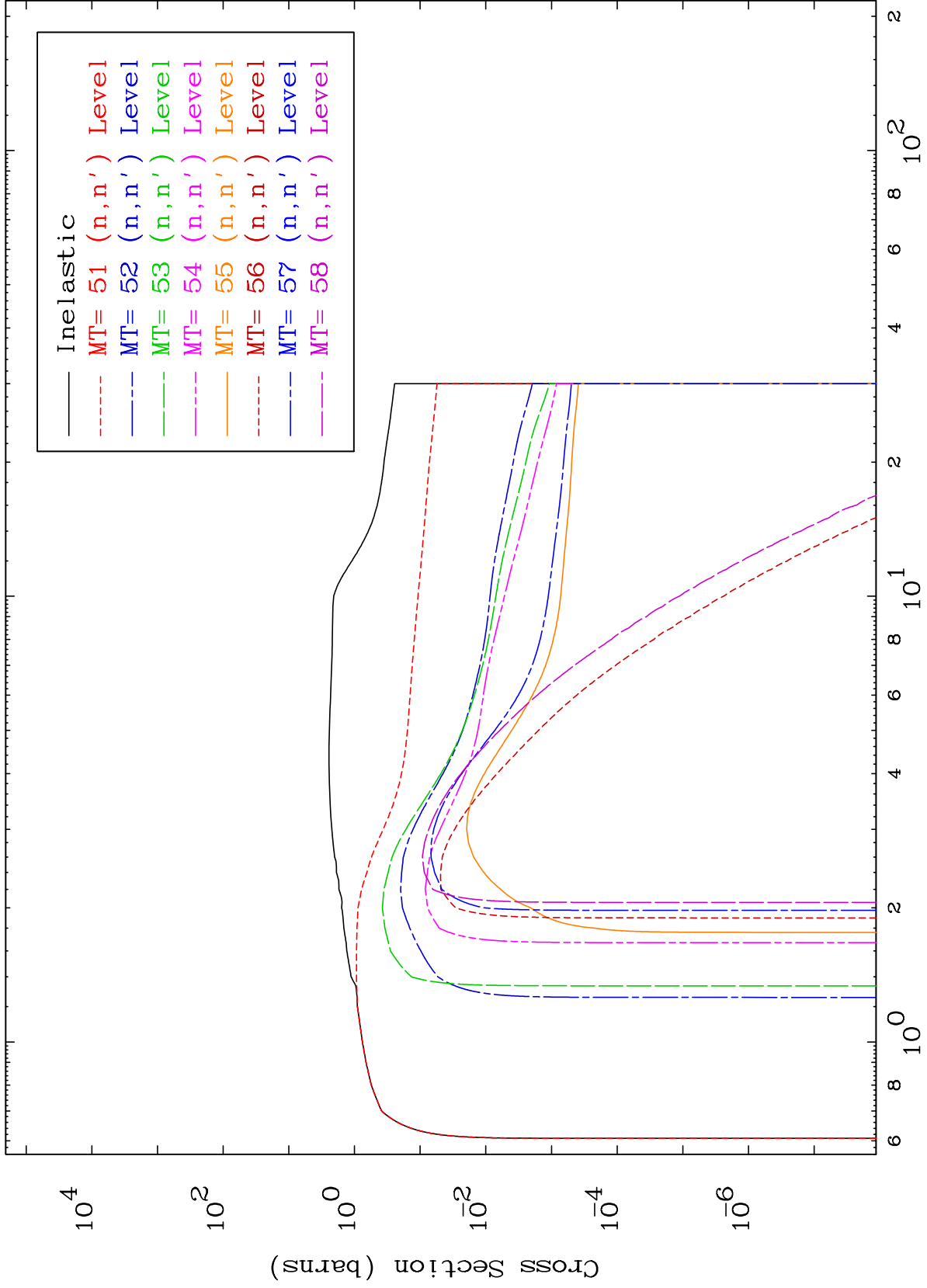


MAT 5237

(n,n') Levels

293 Kelvin Cross Sections

52-Te-124



8

Incident Energy (MeV)

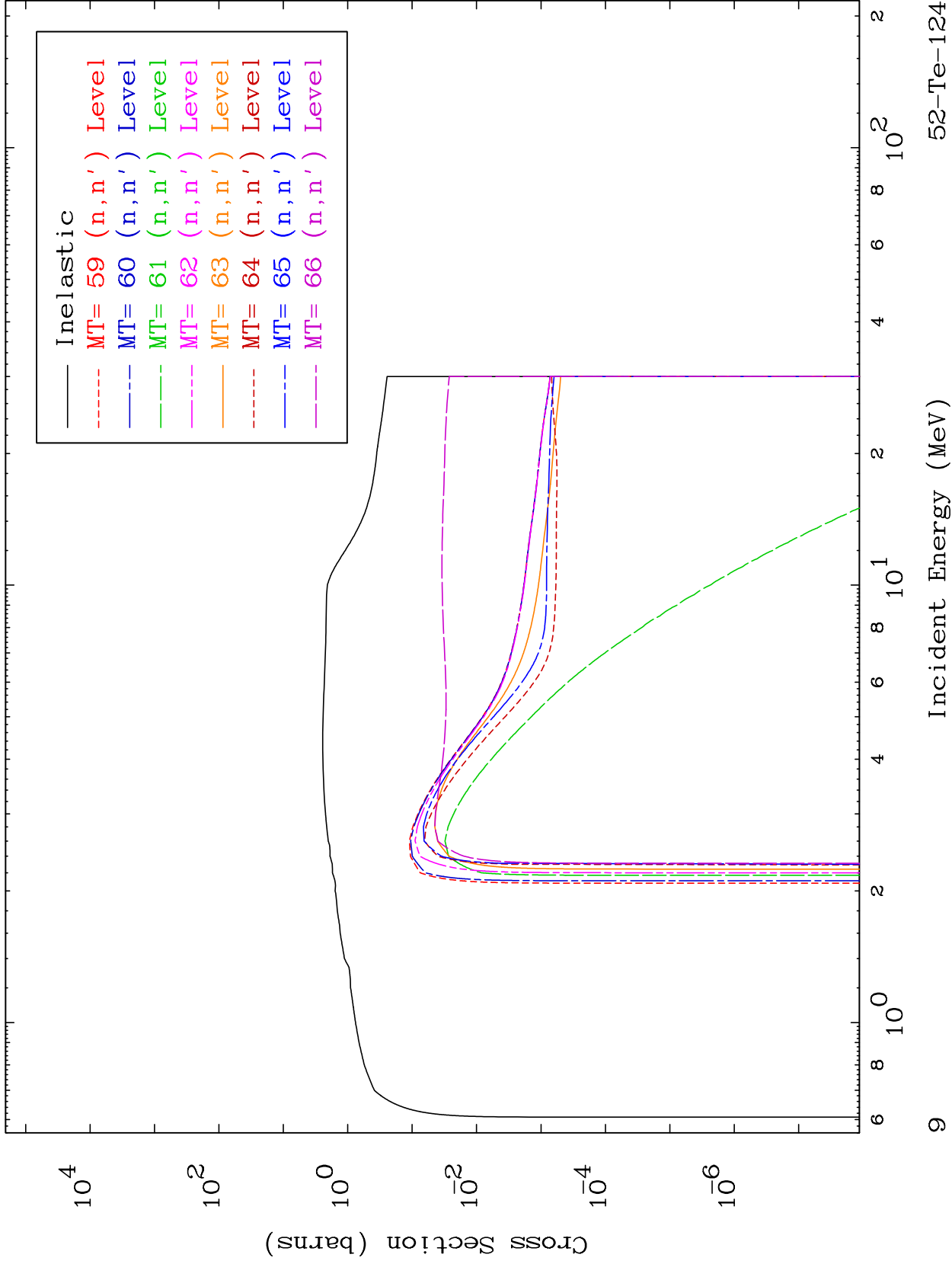
52-Te-124

MAT 5237

(n,n') Levels

52-Te-124

293 Kelvin Cross Sections

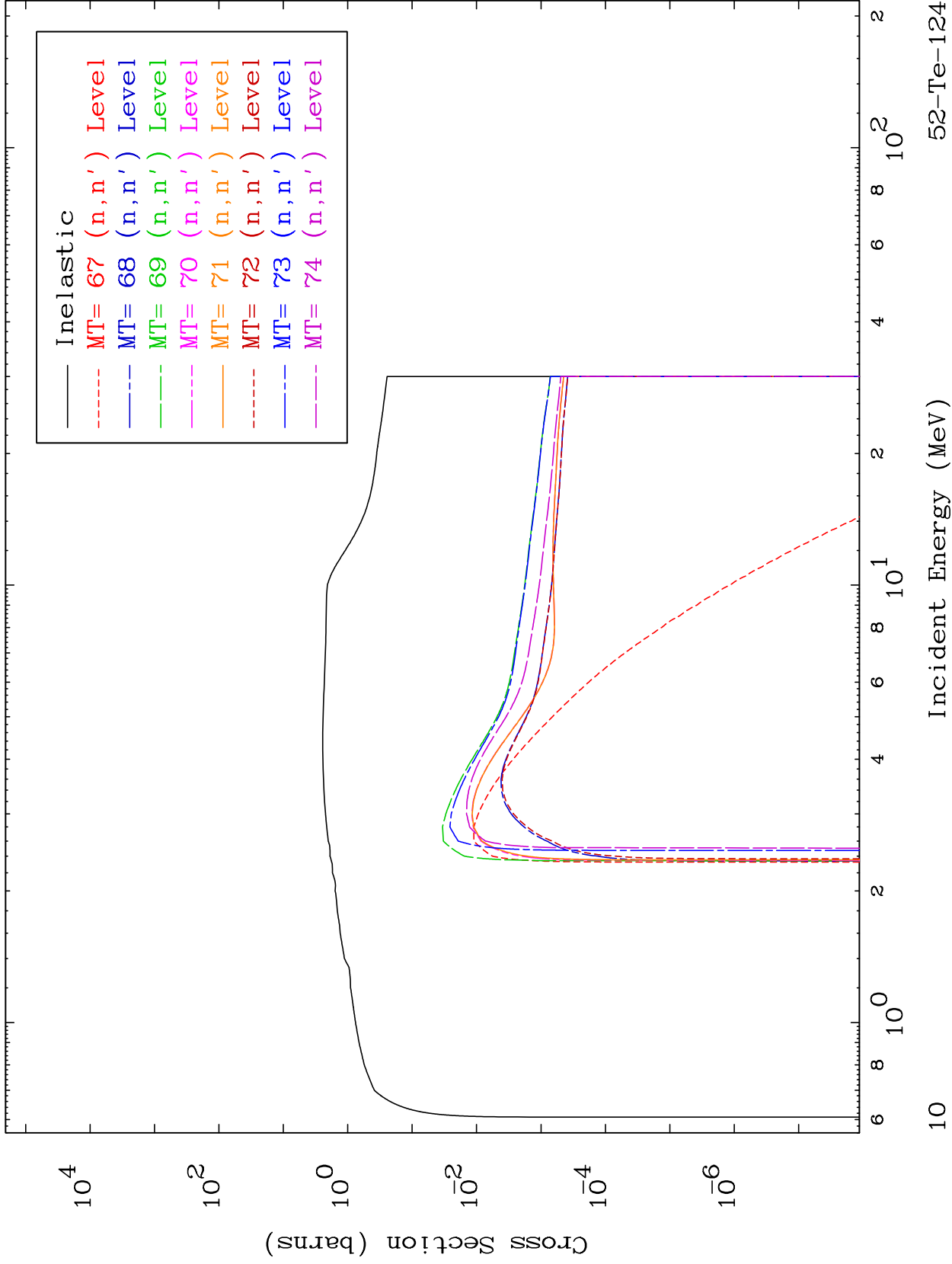


MAT 5237

(n,n') Levels

52-Te-124

293 Kelvin Cross Sections



10

Incident Energy (MeV)

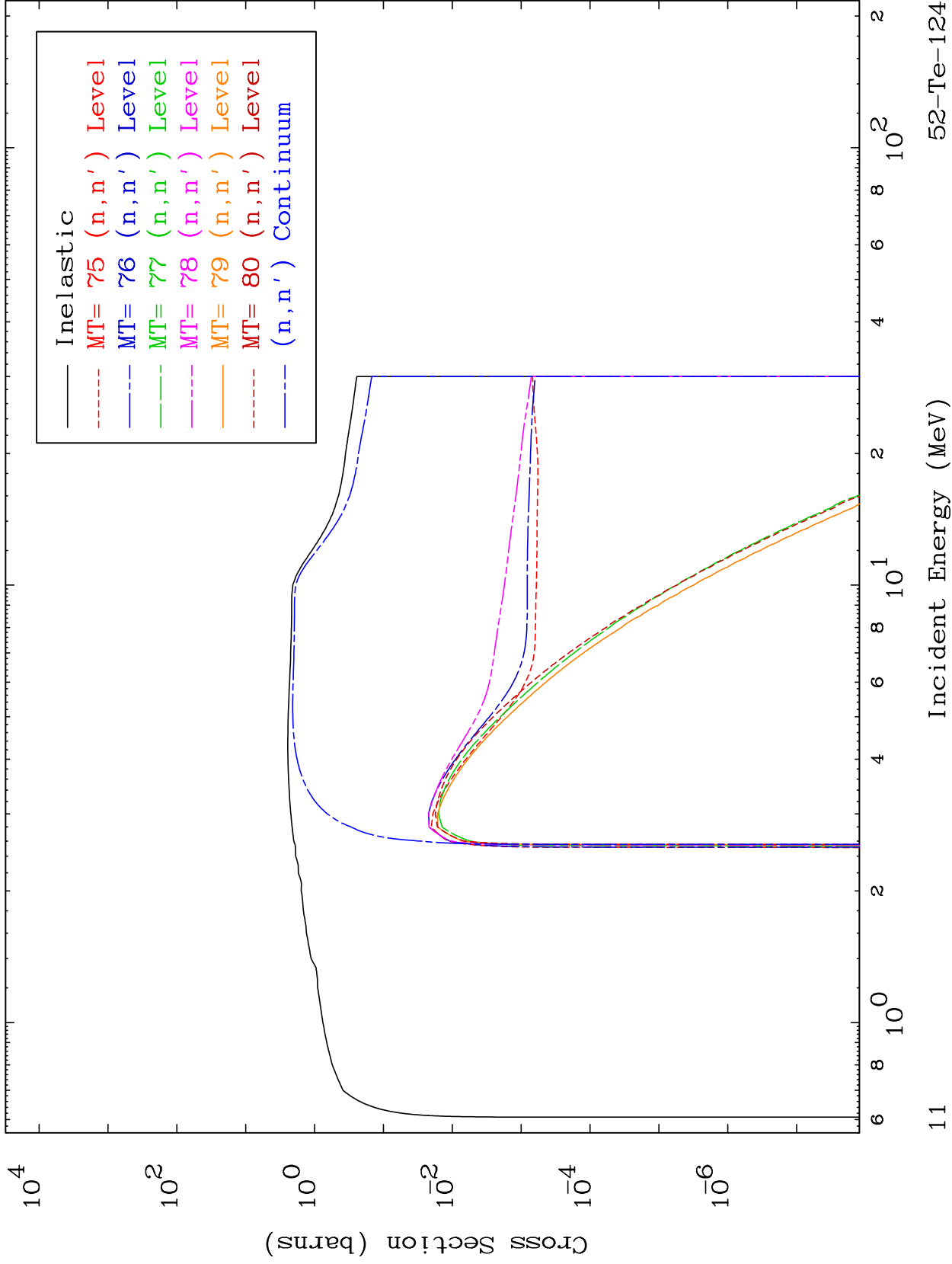
52-Te-124

MAT 5237

(n,n') Levels

293 Kelvin Cross Sections

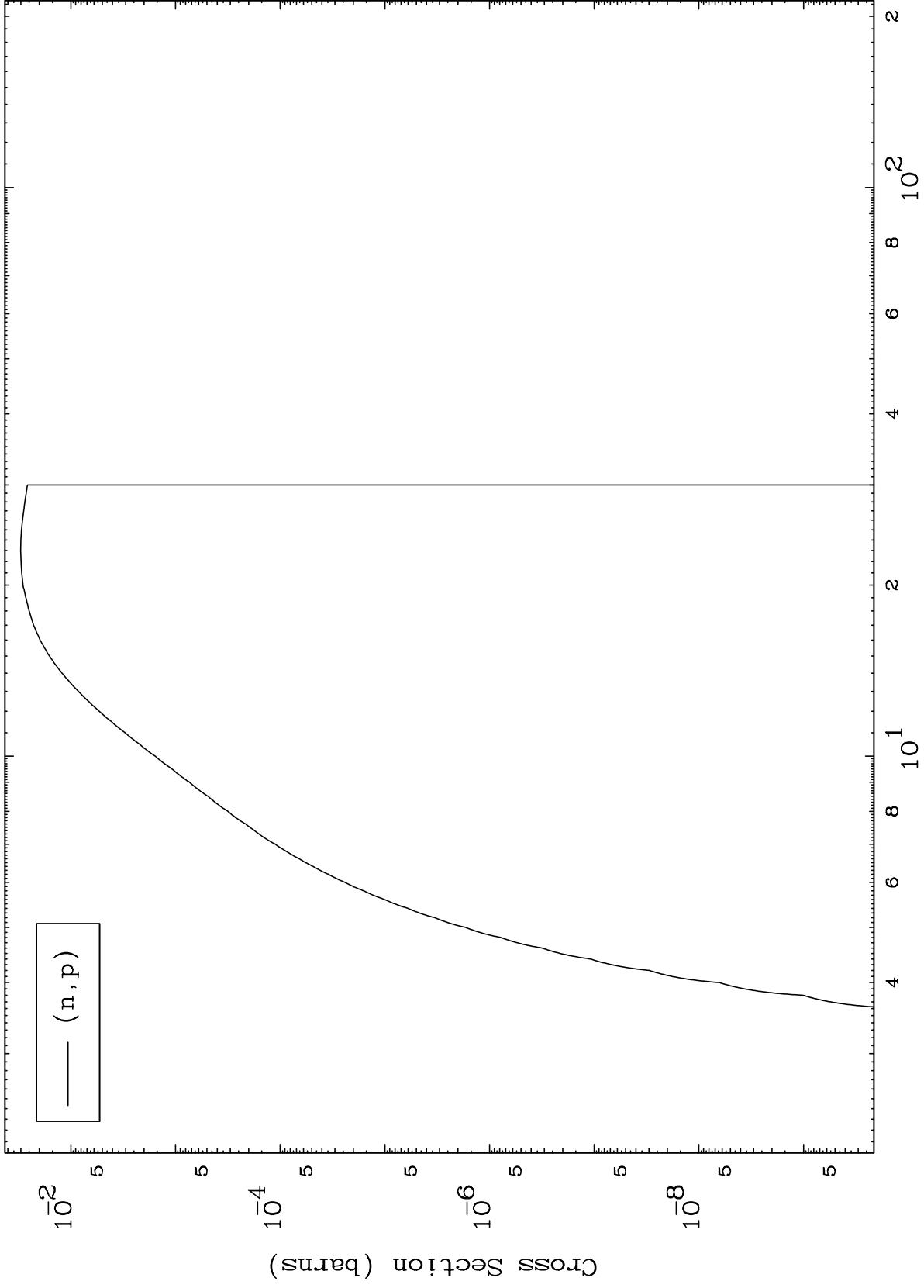
52-Te-124



MAT 5237

(n,p) Levels
293 Kelvin Cross Sections

52-Te-124



12

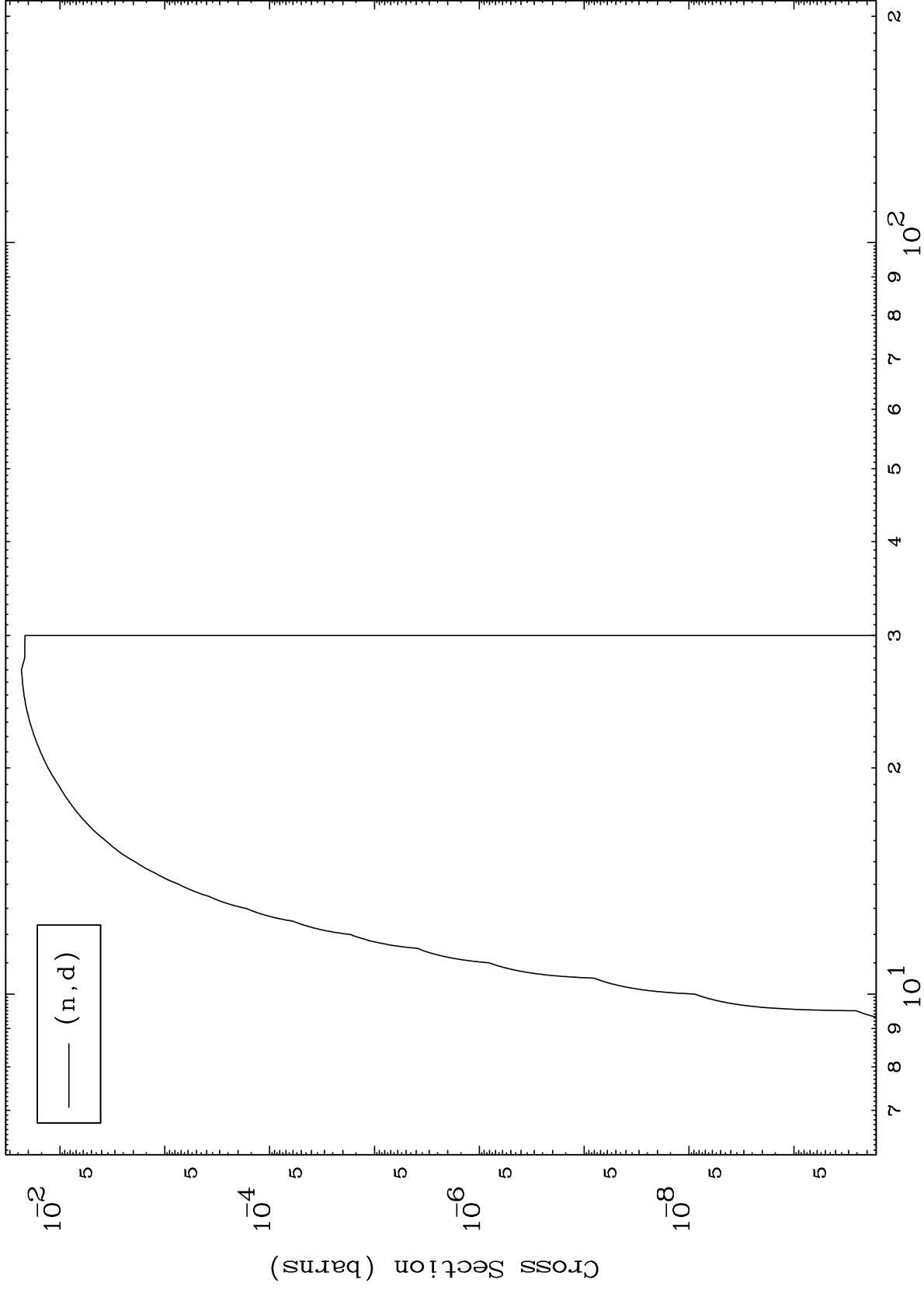
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,d) Levels
293 Kelvin Cross Sections

52-Te-124



13

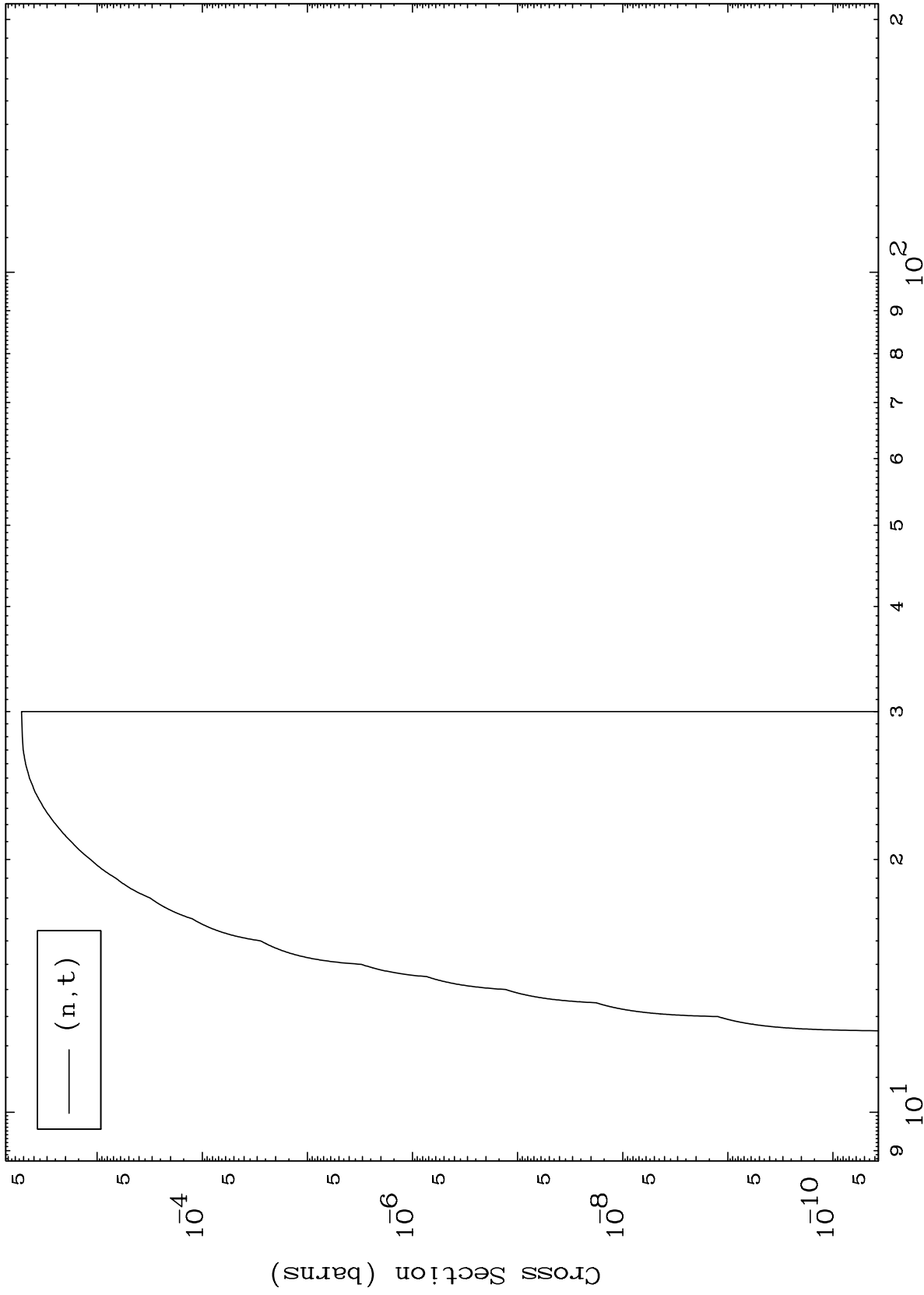
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,t) Levels
293 Kelvin Cross Sections

52-Te-124



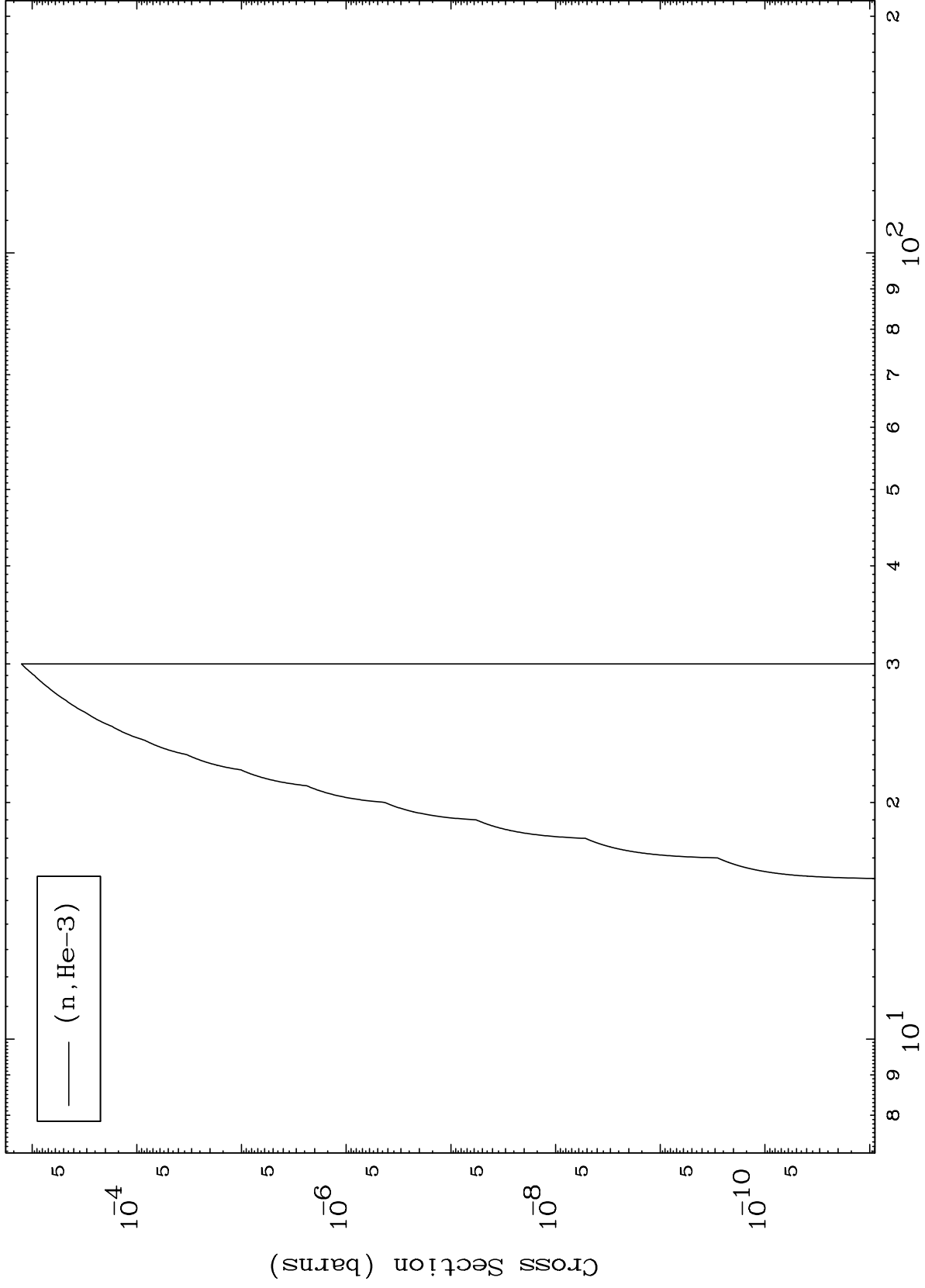
Incident Energy (MeV)

52-Te-124

MAT 5237

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-124



15

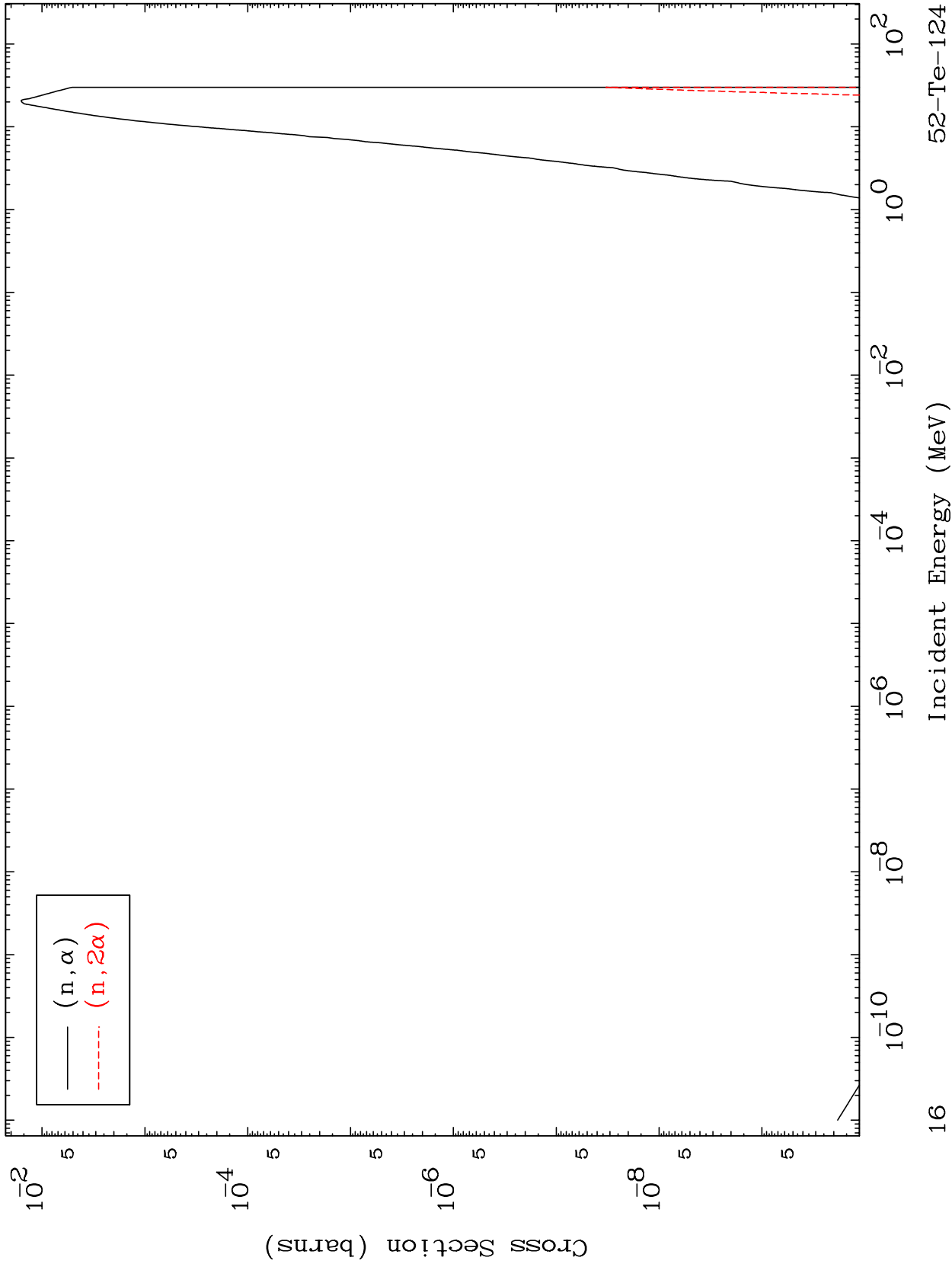
Incident Energy (MeV)

52-Te-124

MAT 5237

(n, α) Levels
293 Kelvin Cross Sections

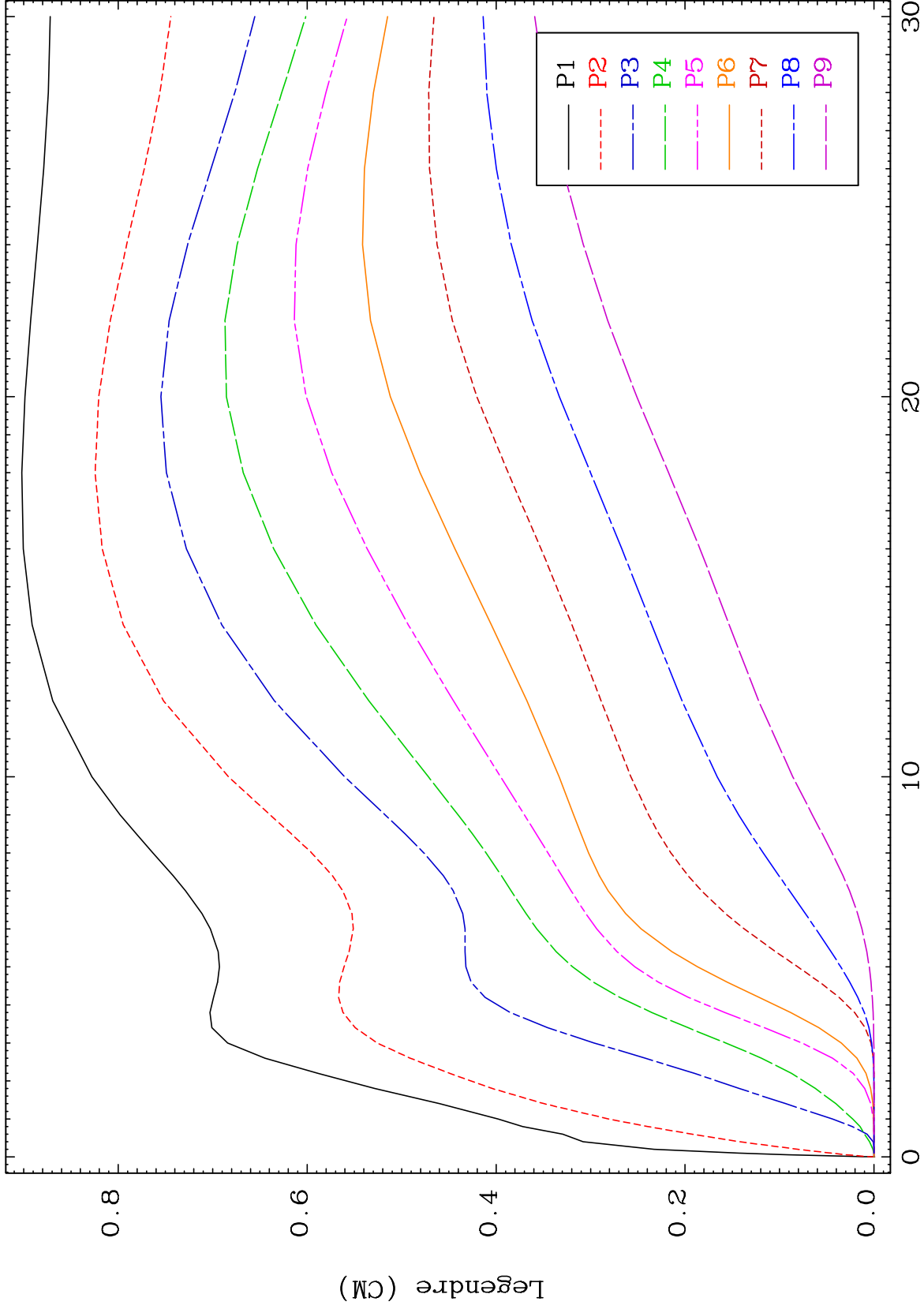
52-Te-124



MAT 5237

Elastic Legendre Coefficients

52-Te-124



17

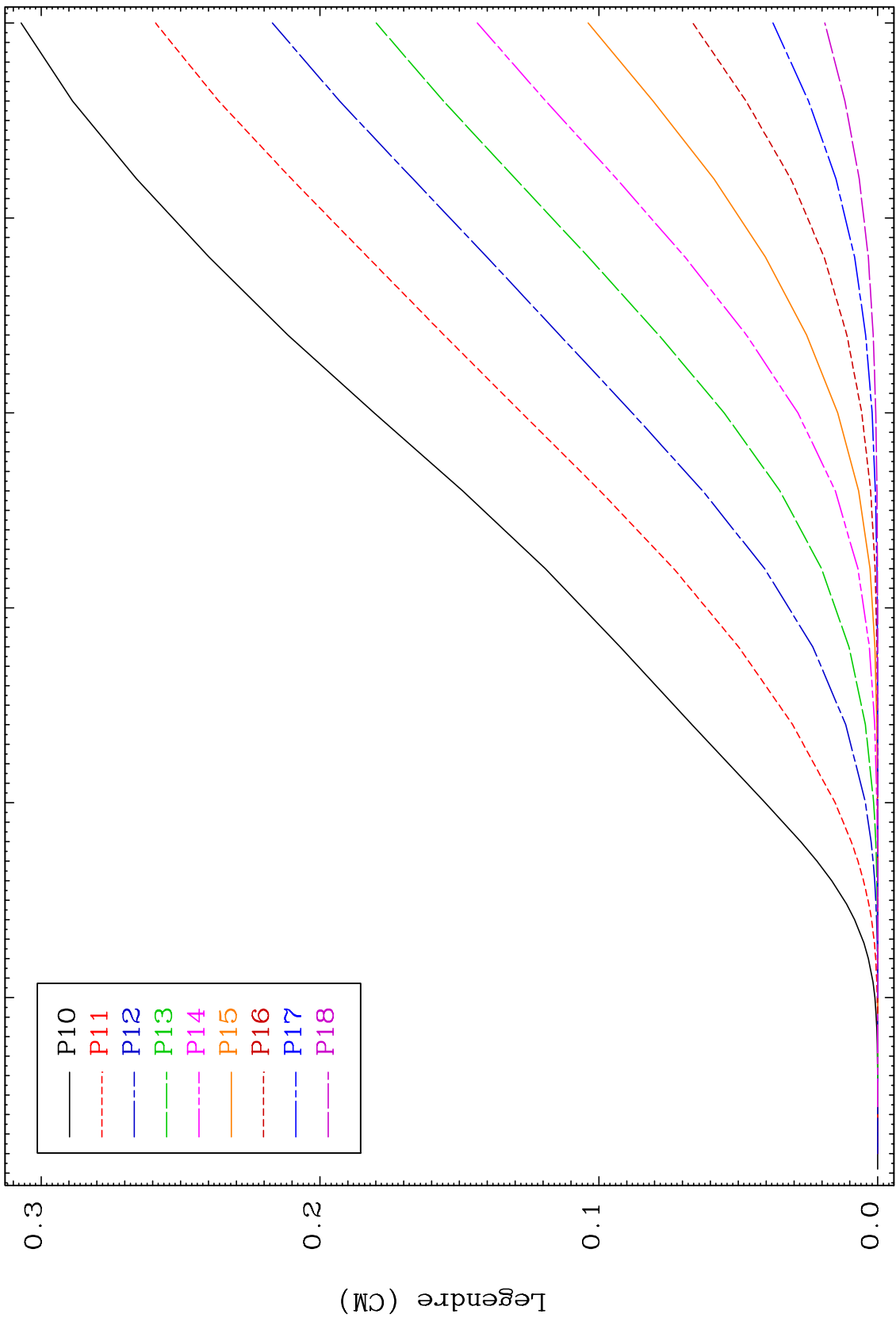
Incident Energy (MeV)

52-Te-124

MAT 5237

Elastic Legendre Coefficients

52-Te-124



18

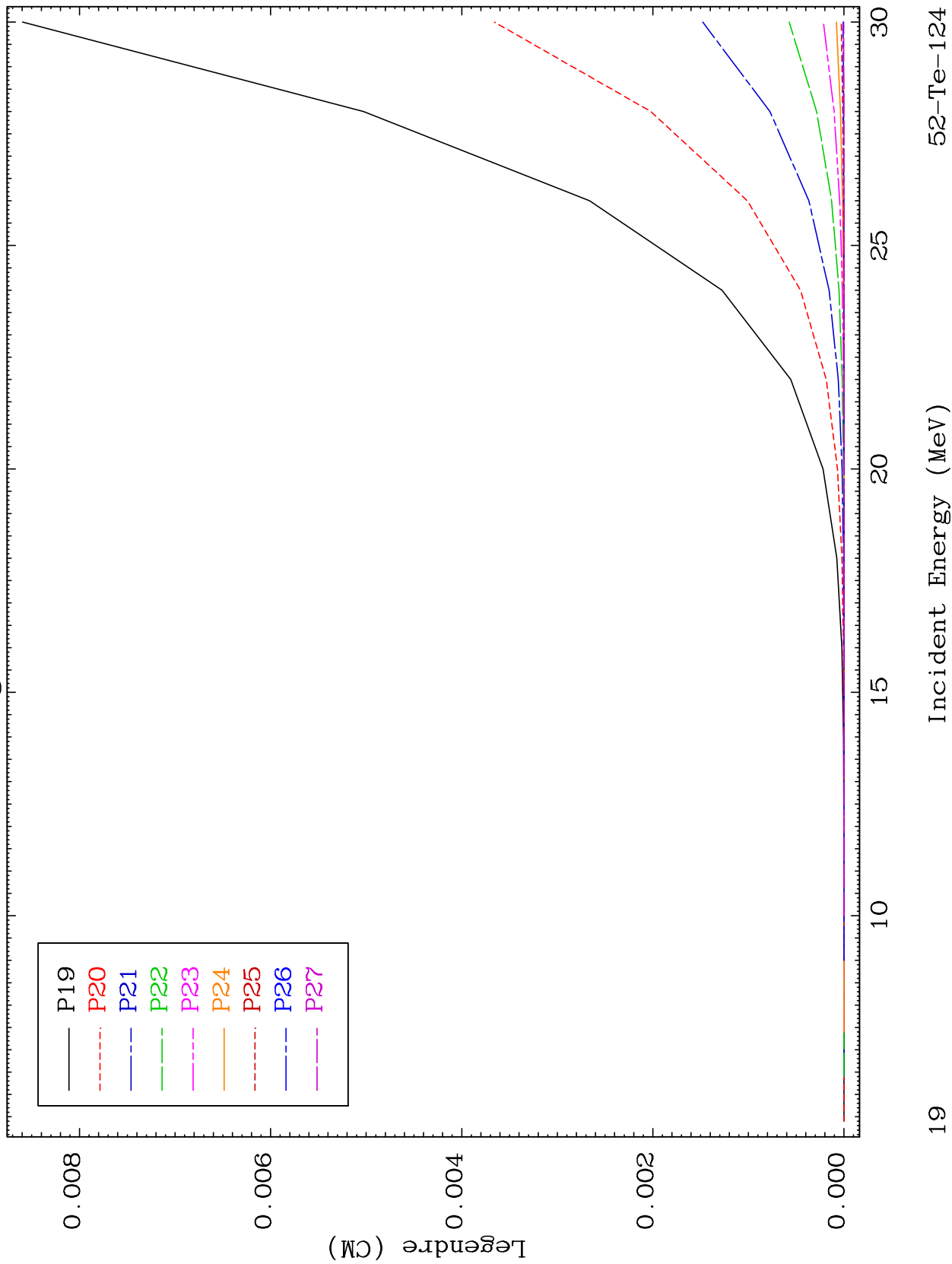
Incident Energy (MeV)

52-Te-124

MAT 5237

Elastic Legendre Coefficients

52-Te-124



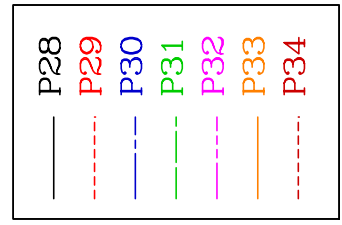
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52-Te-124

MAT 5237

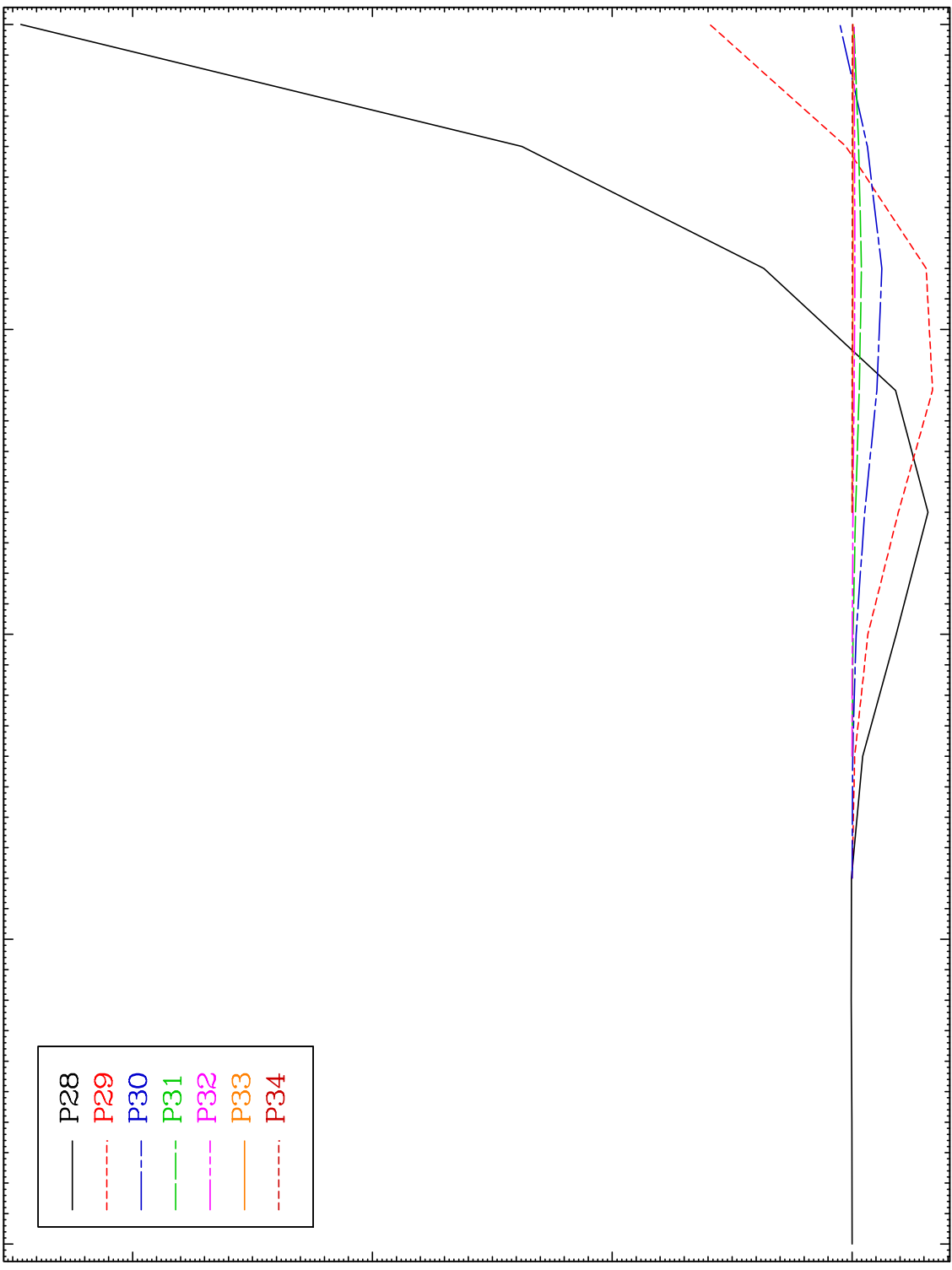
Elastic
Legendre Coefficients

52-Te-124



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

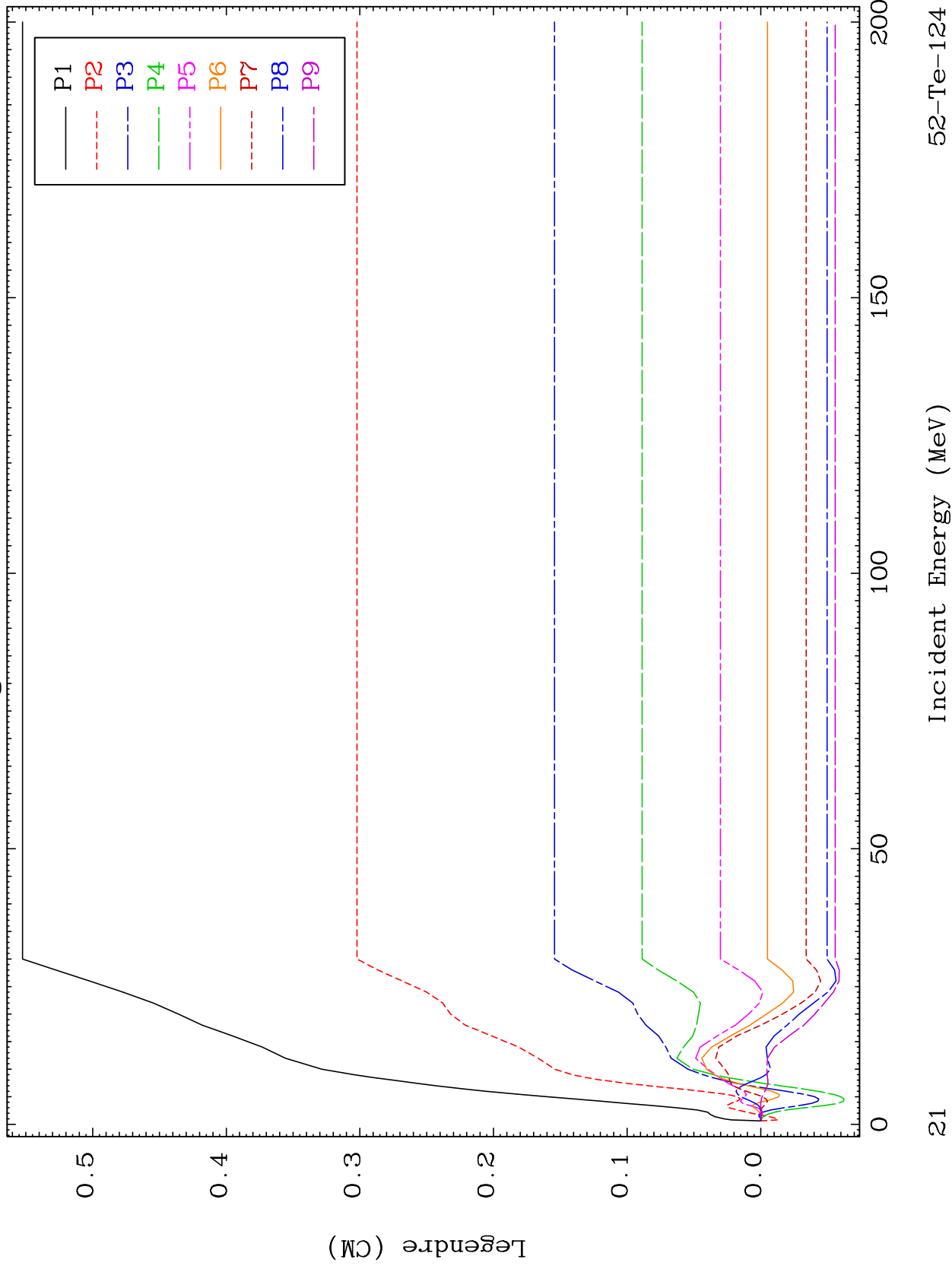
Incident Energy (MeV)

52-Te-124

MAT 5237

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

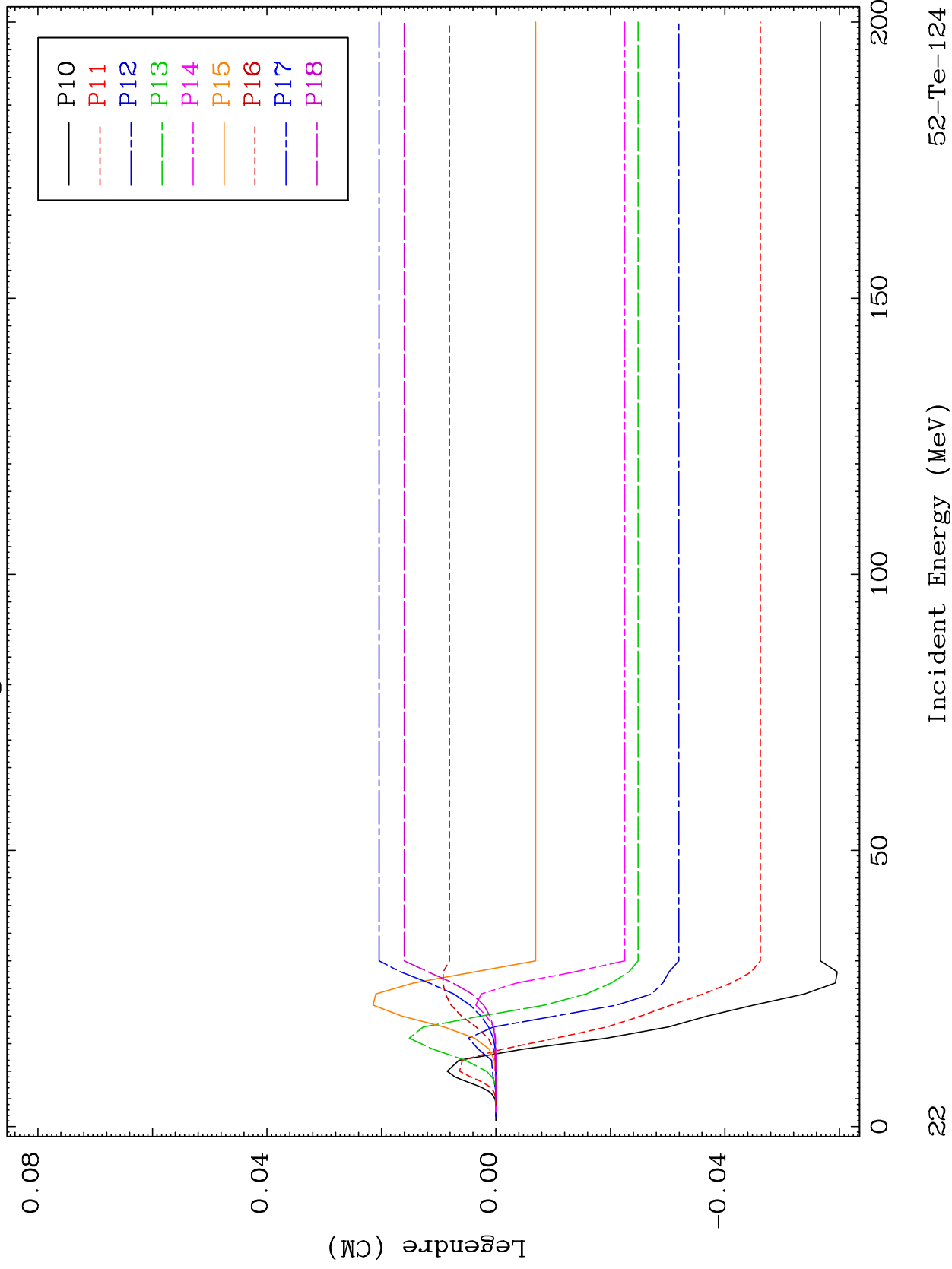
52-Te-124



MAT 5237

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

52-Te-124



22

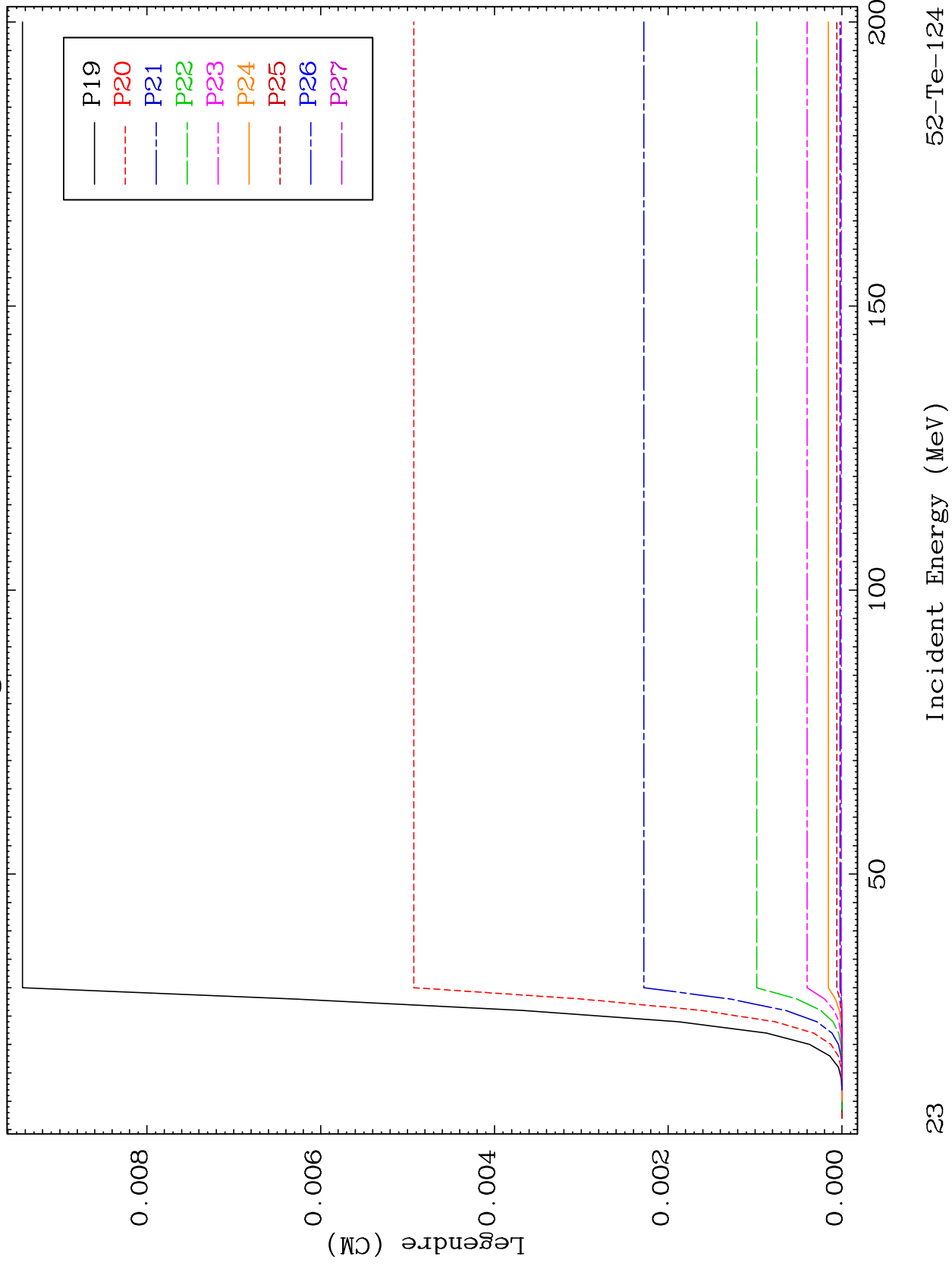
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



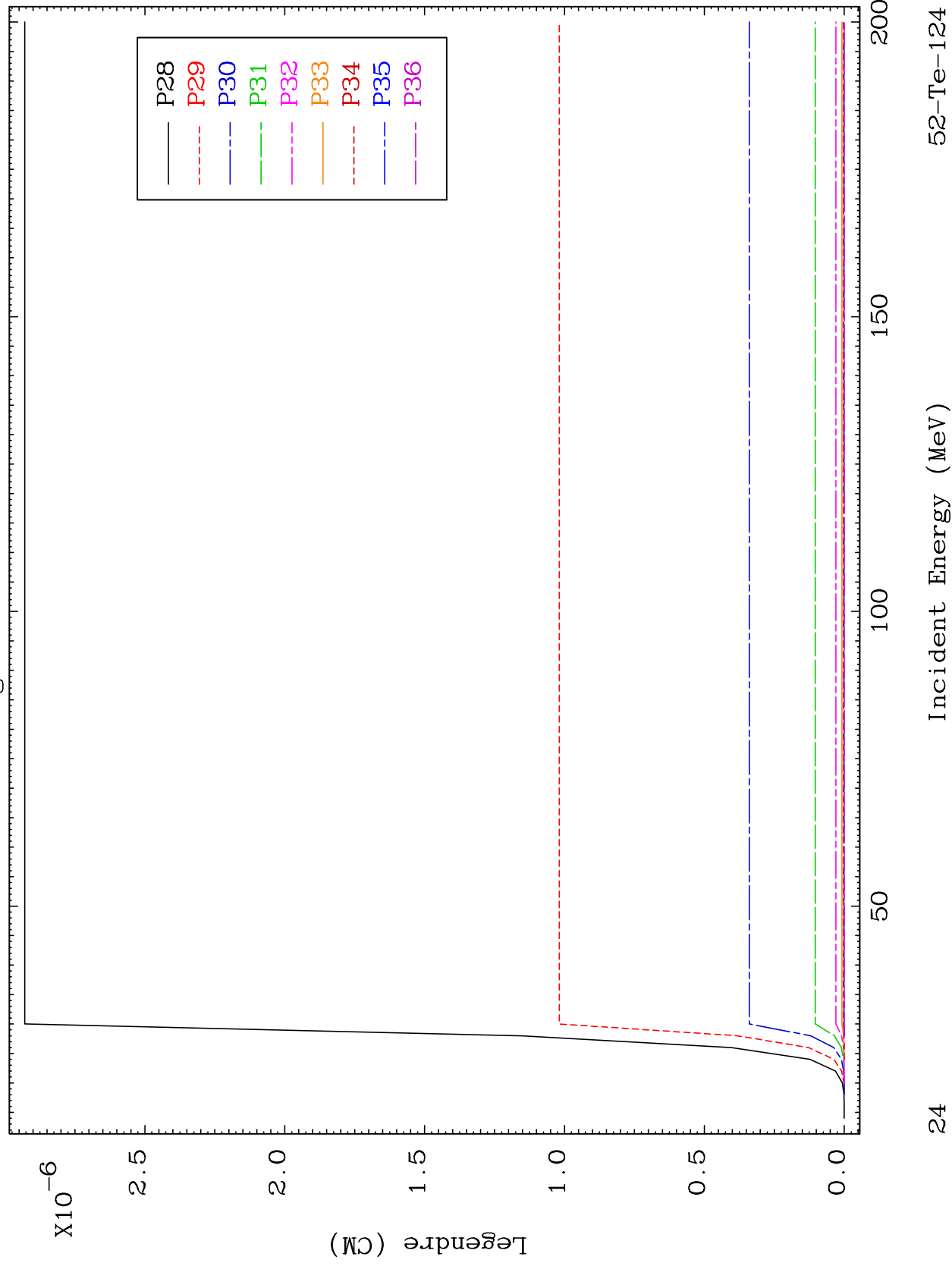
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52-Te-124

MAT 5237

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

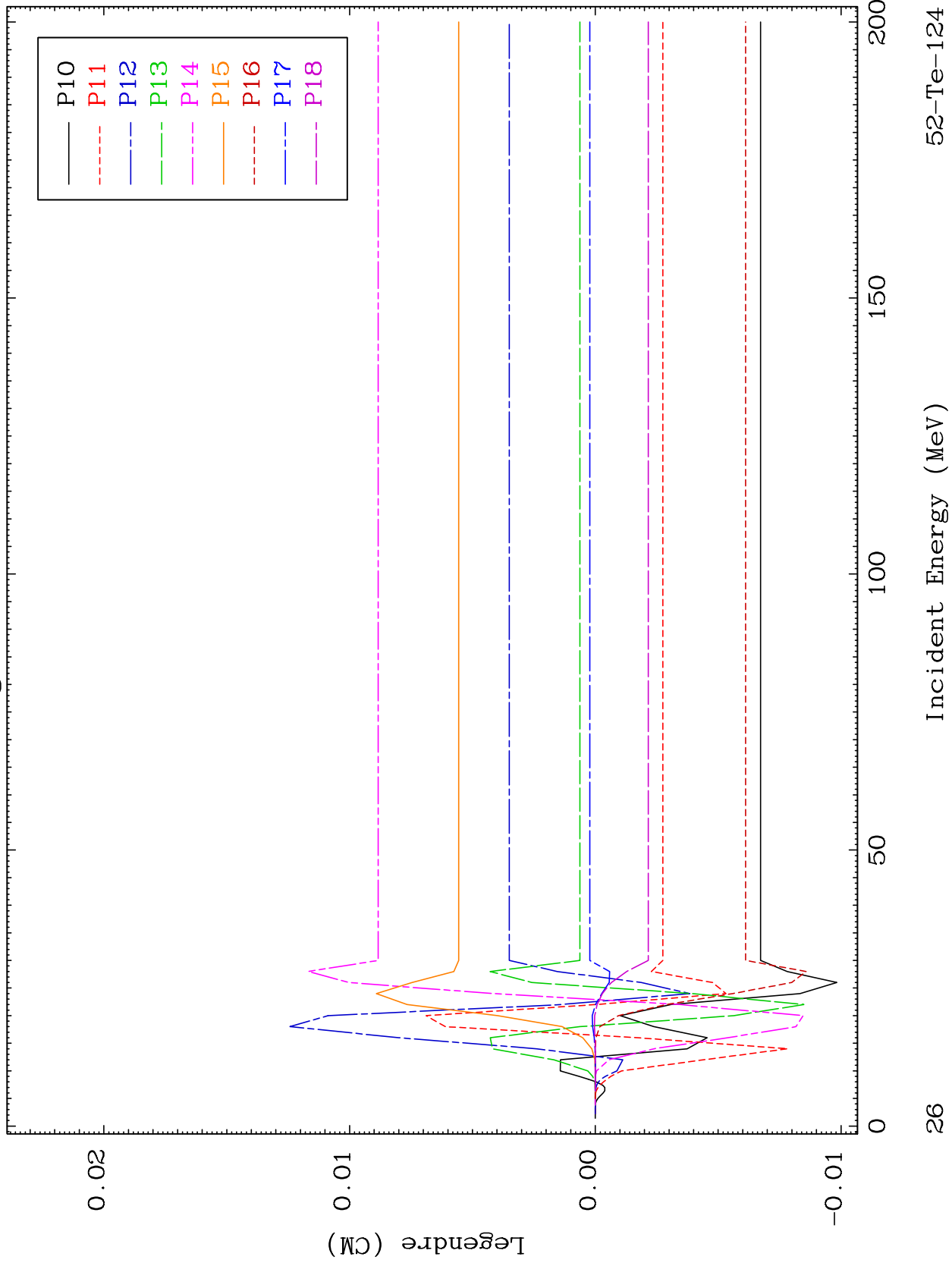
52-Te-124



MAT 5237

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

52-Te-124



52-Te-124

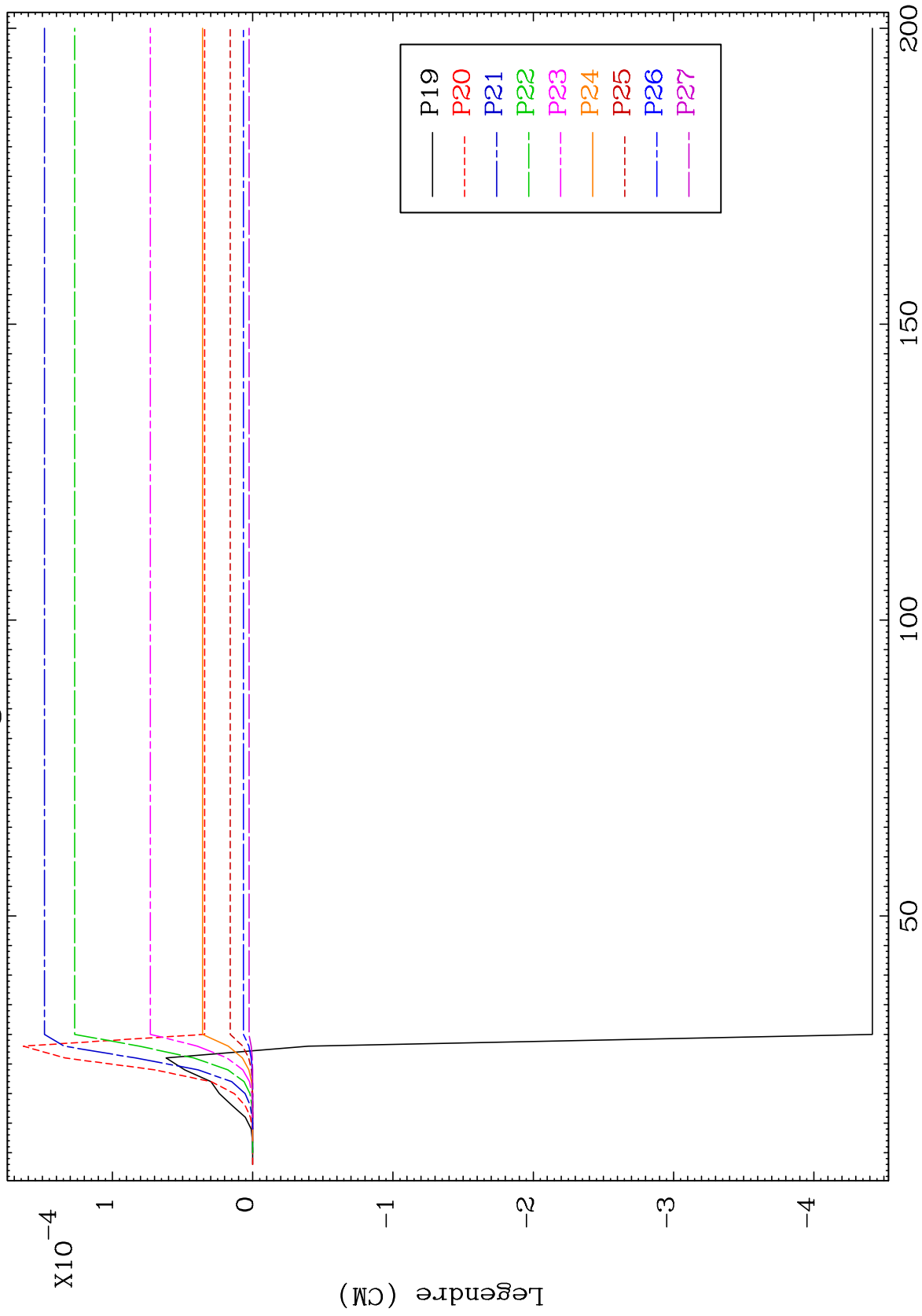
Incident Energy (MeV)

26

MAT 5237

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

52-Te-124



27

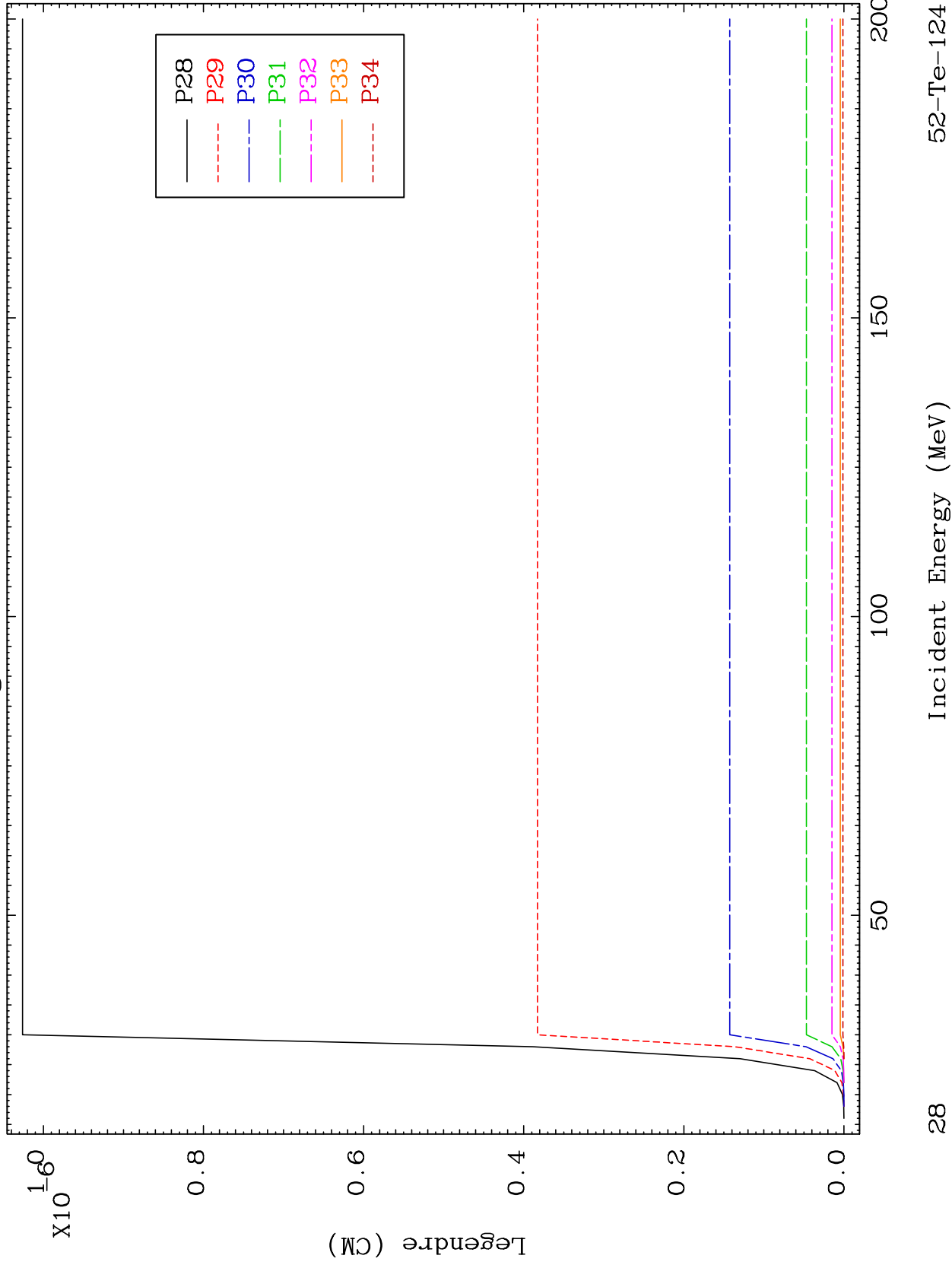
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124

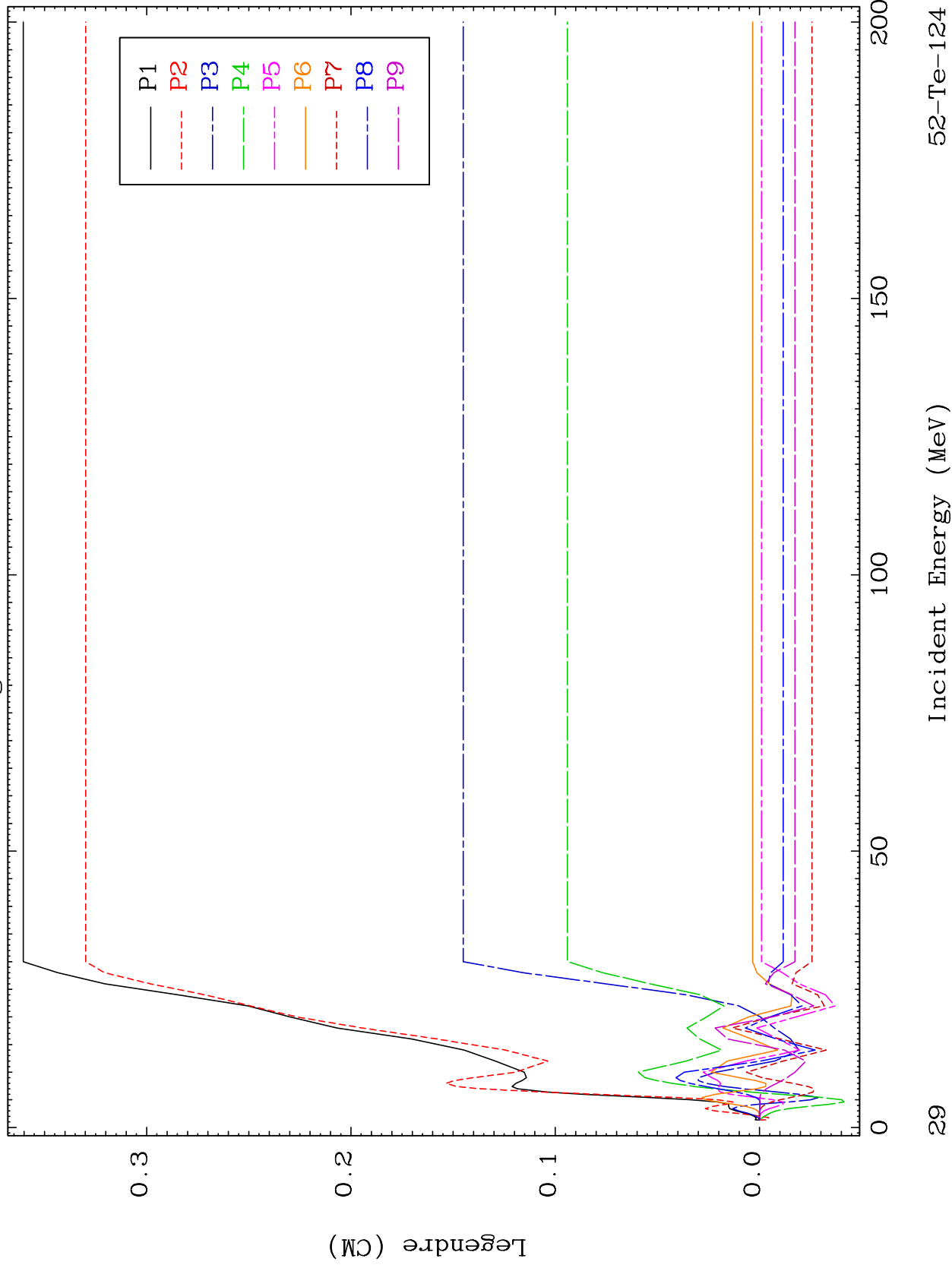


28

MAT 5237

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

52-Te-124



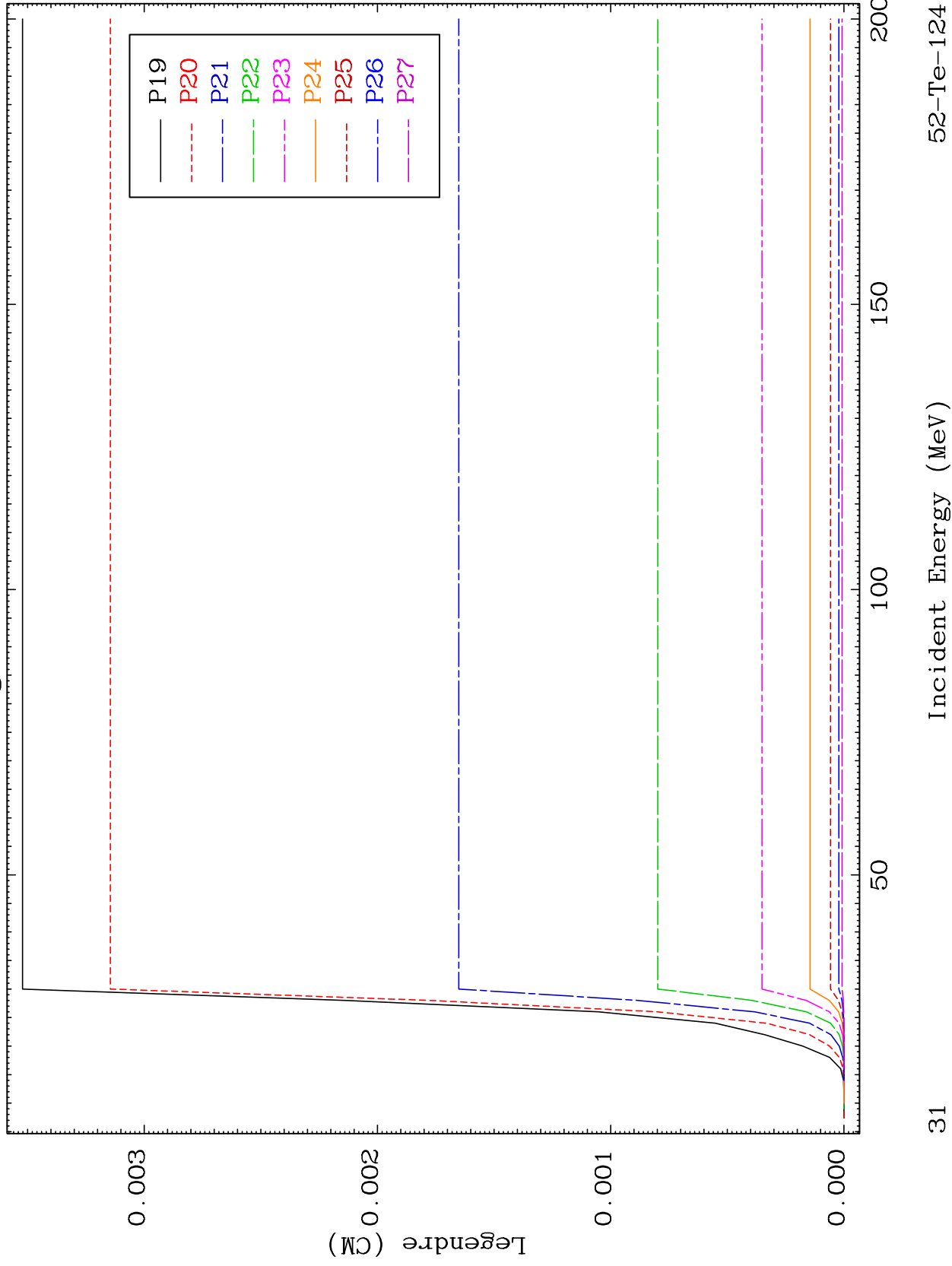
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52-Te-124

MAT 5237

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

52-Te-124



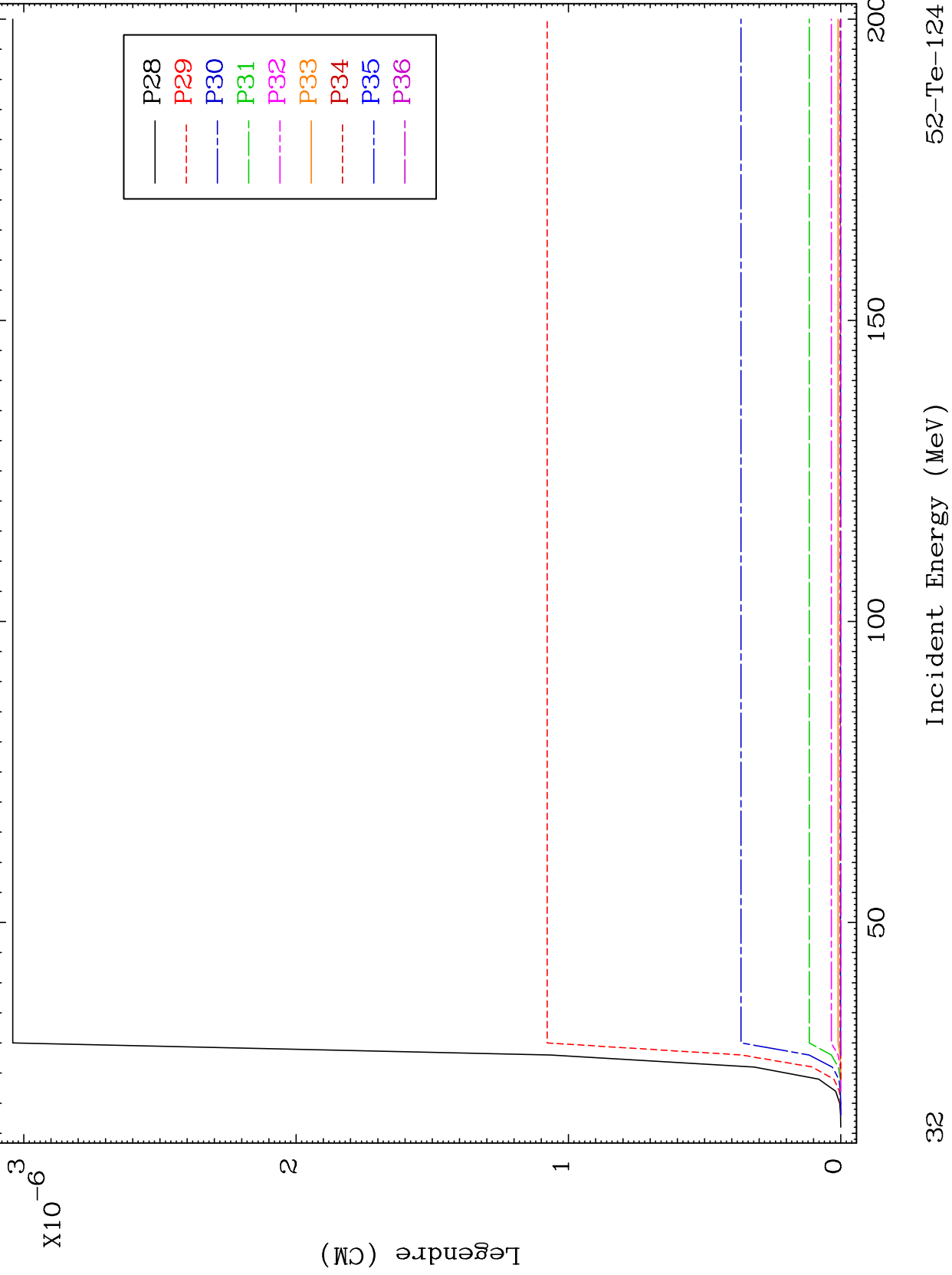
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52-Te-124

MAT 5237

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

52-Te-124



32

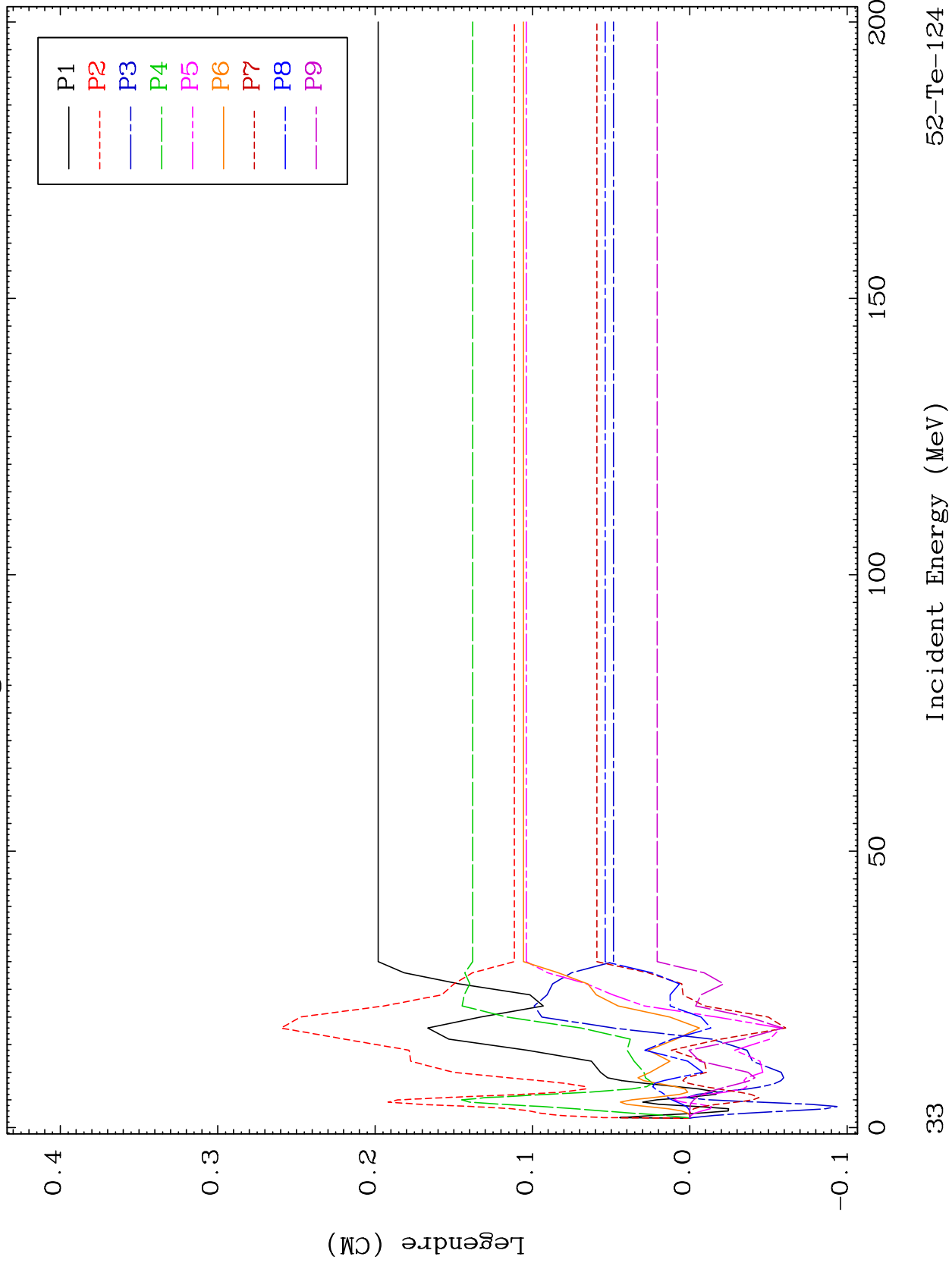
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



52-Te-124

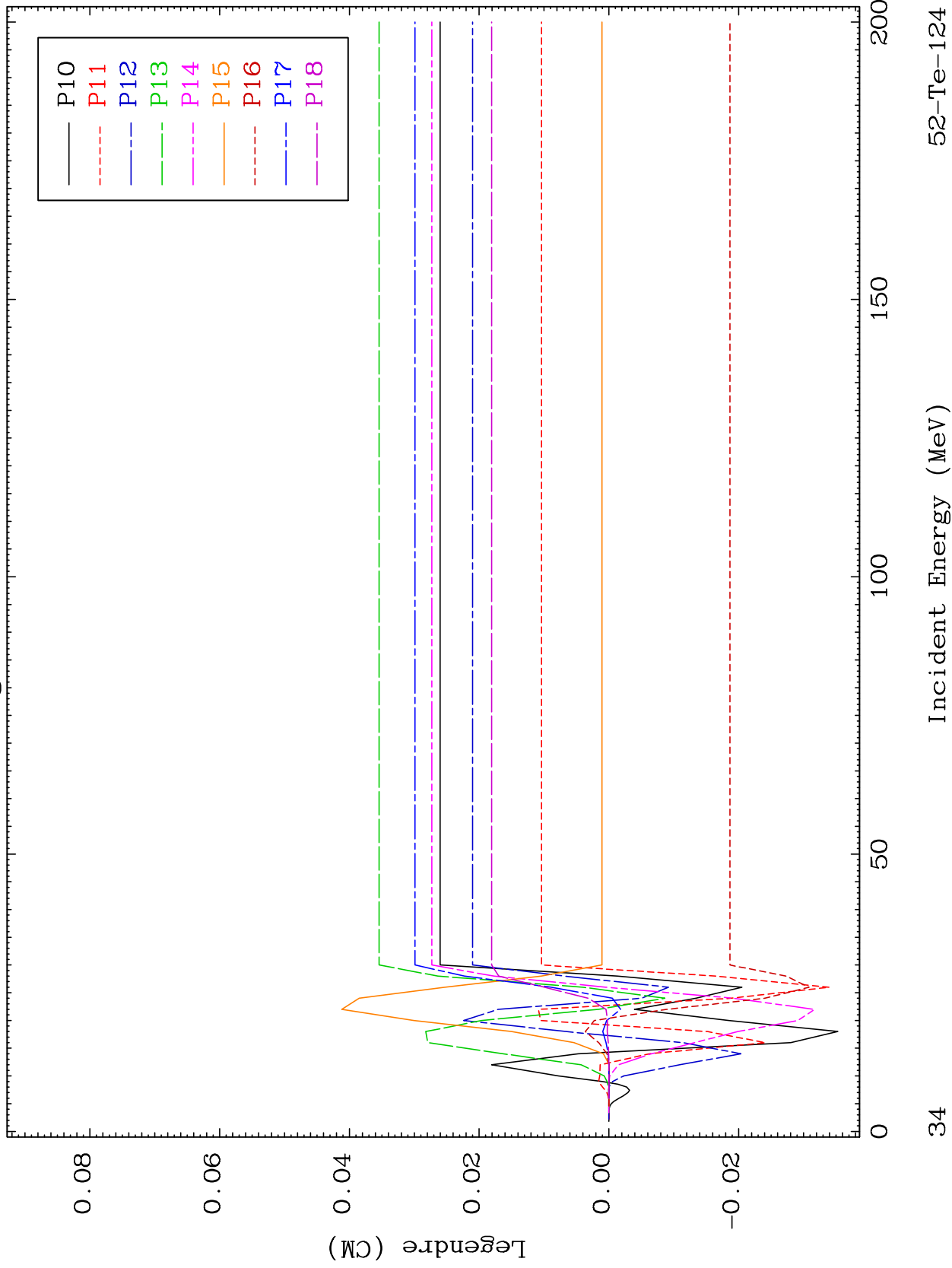
Incident Energy (MeV)

33

MAT 5237

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

52-Te-124



52-Te-124

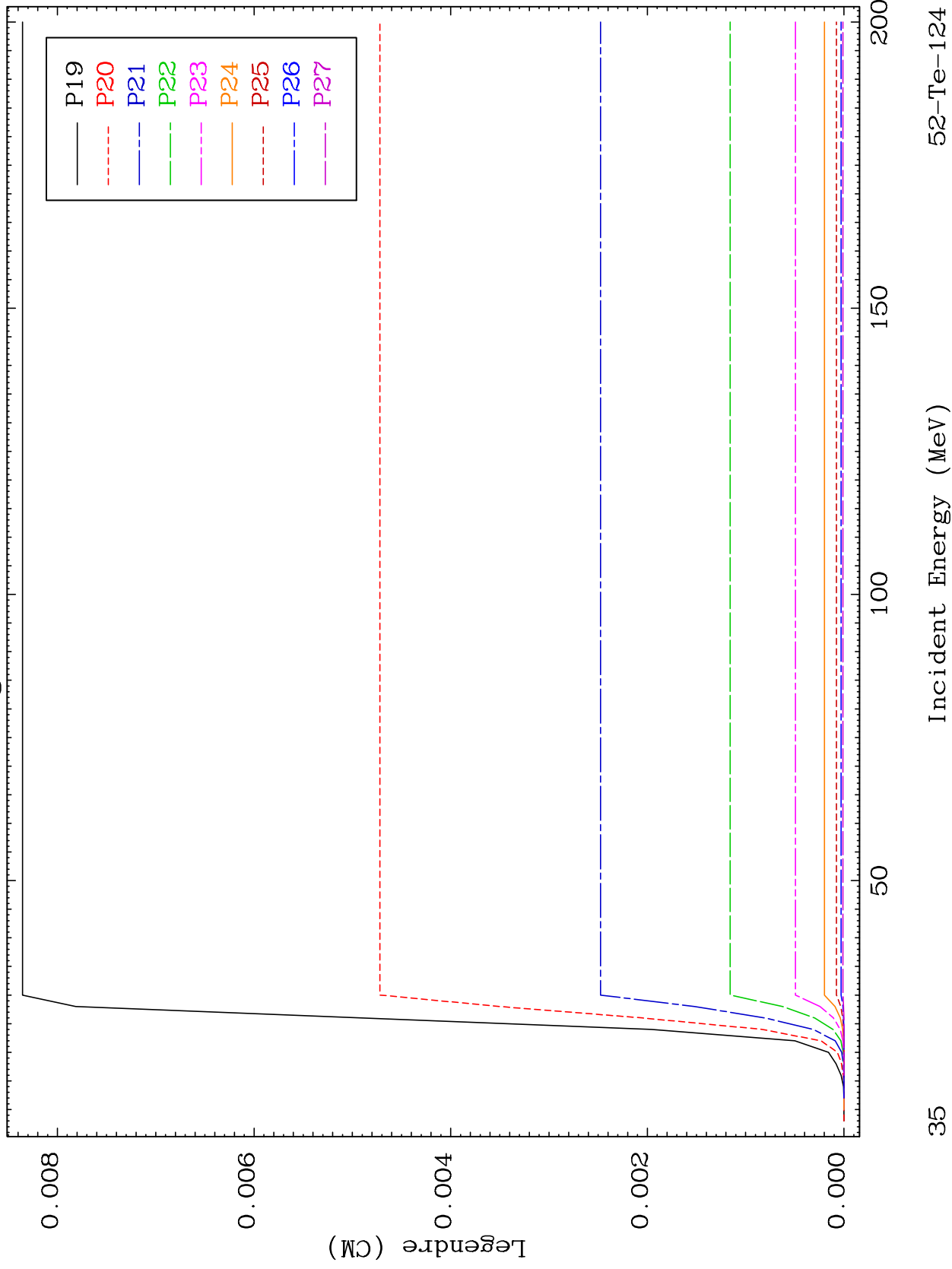
Incident Energy (MeV)

34

MAT 5237

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

52-Te-124



35

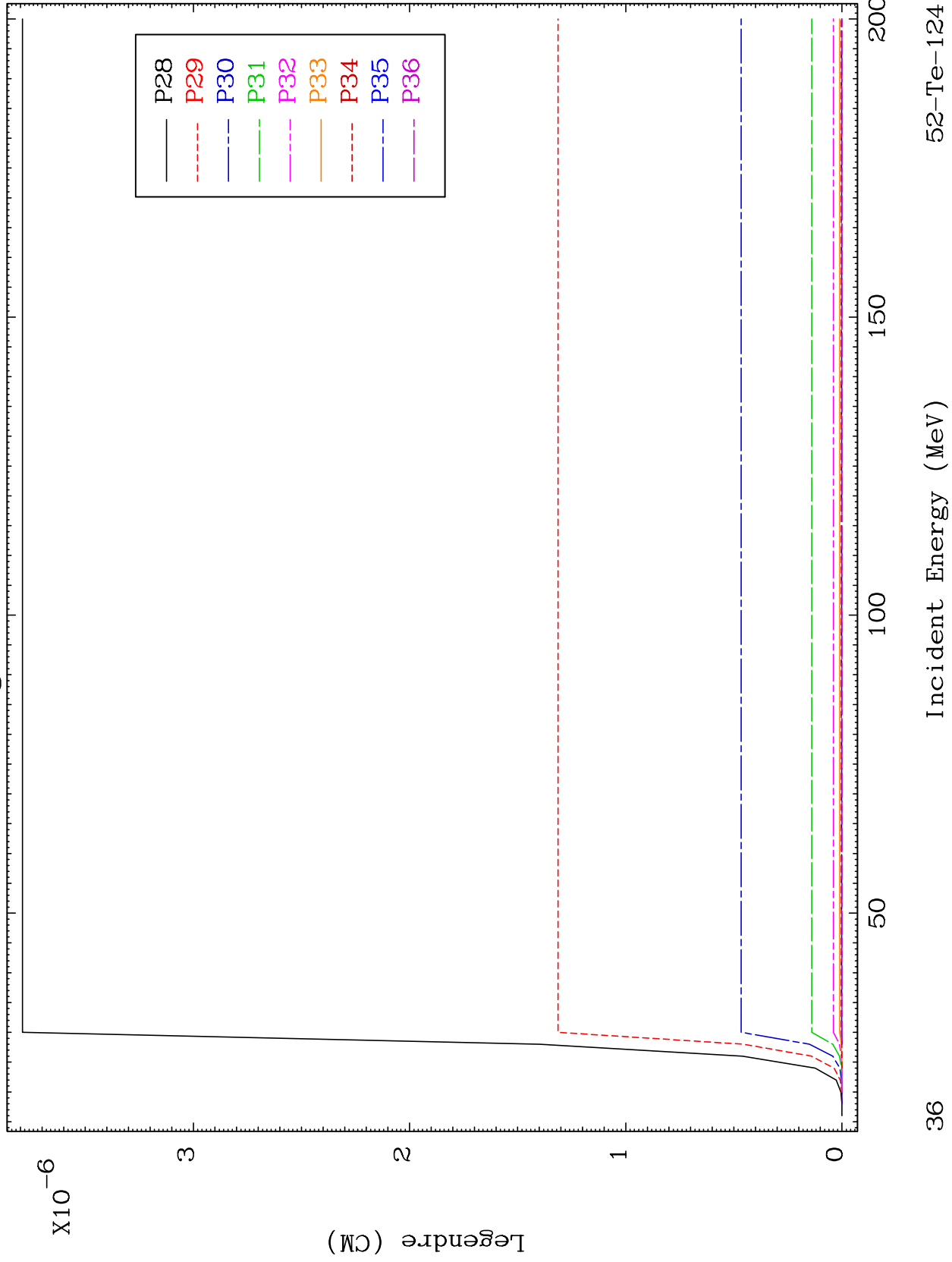
Incident Energy (MeV)

52-Te-124

MAT 5237

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

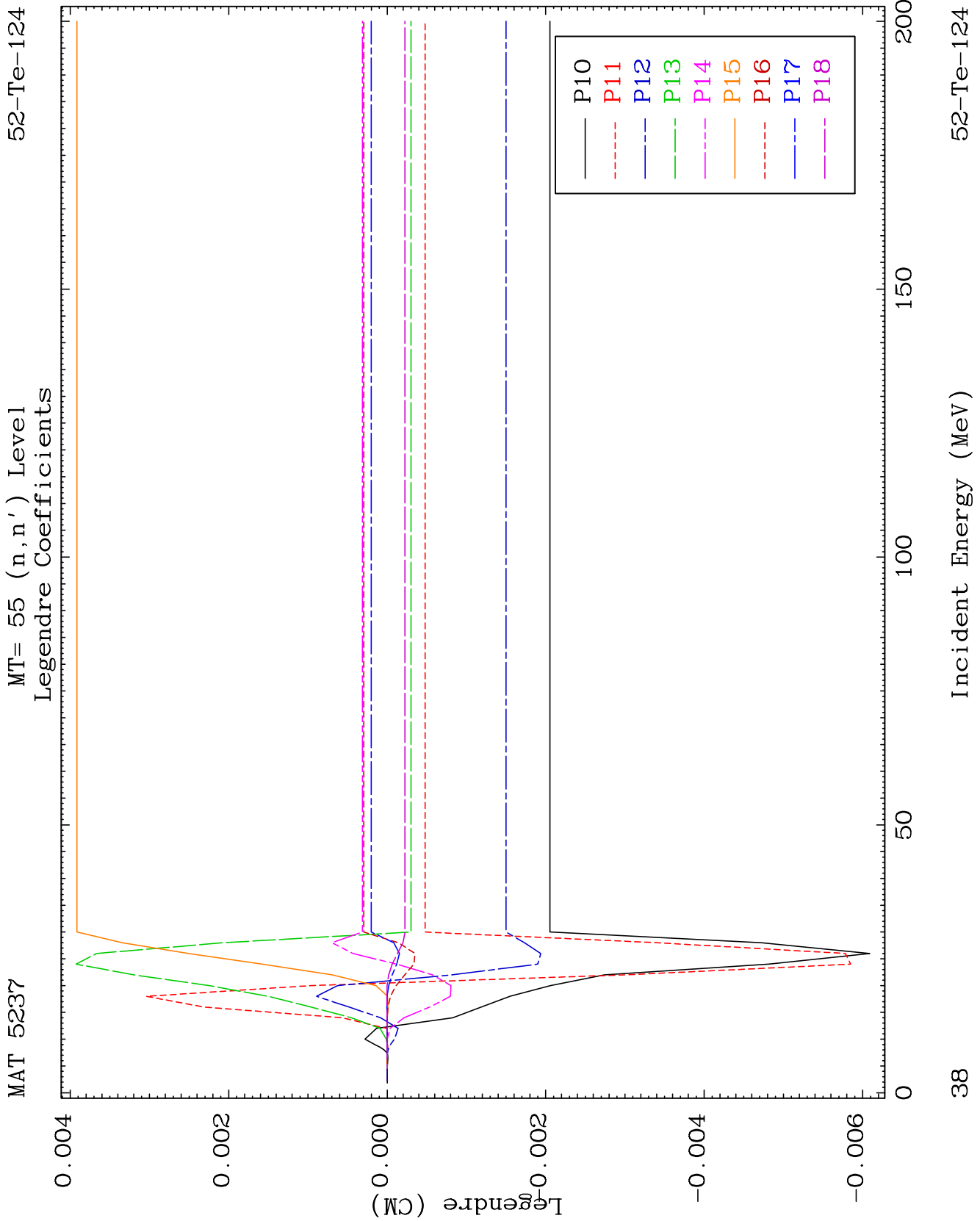
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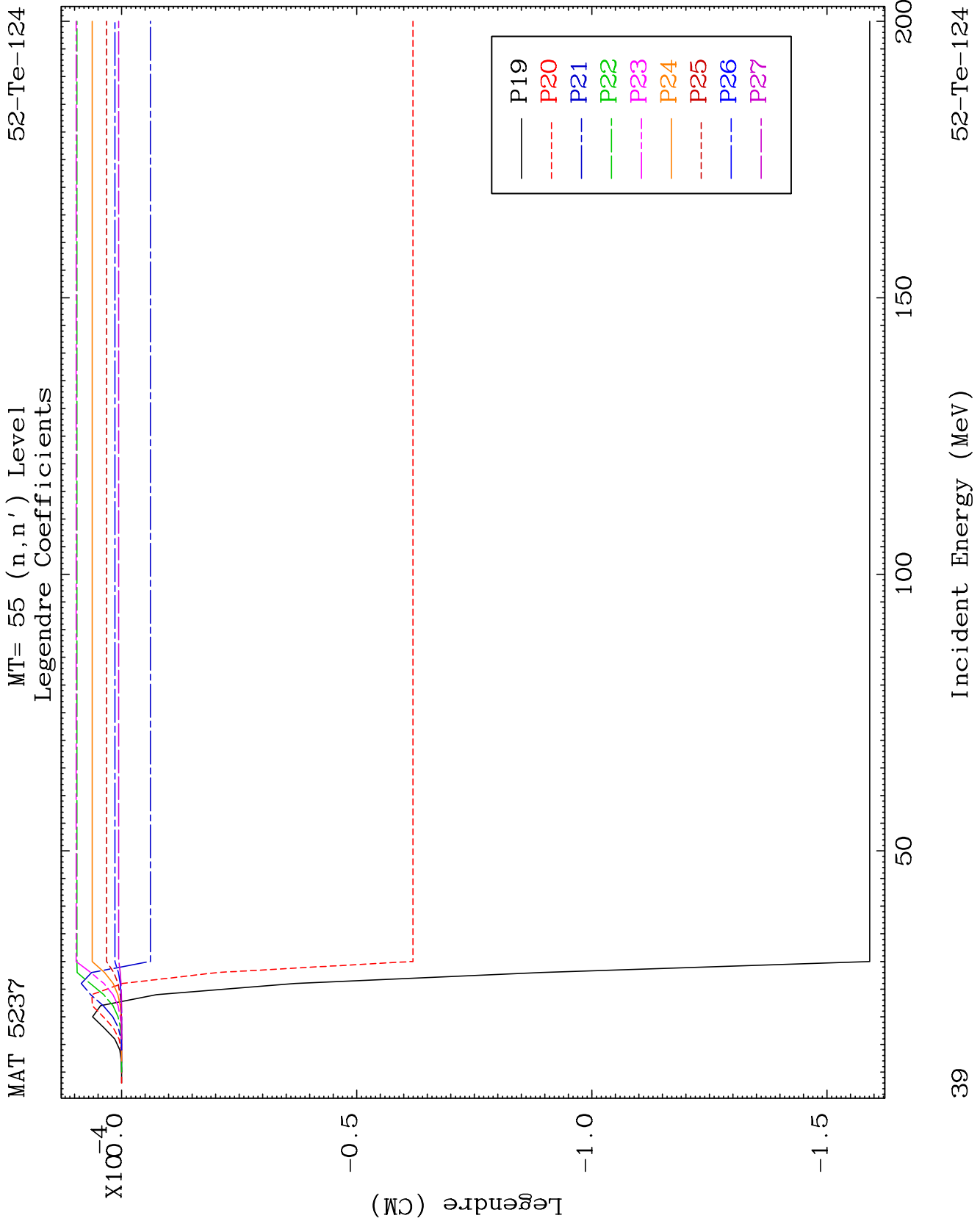


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Incident Energy (MeV)

52-Te-124

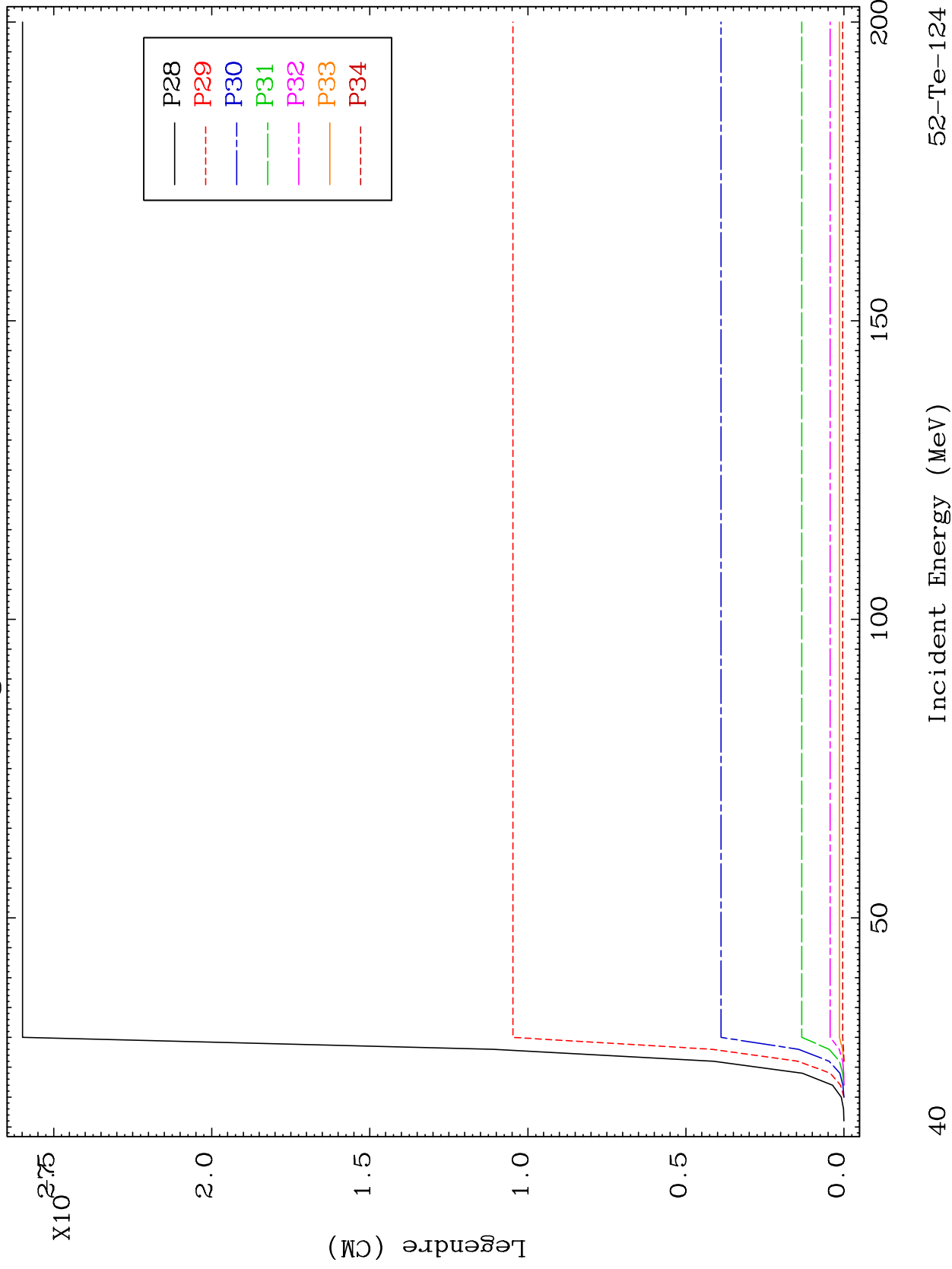


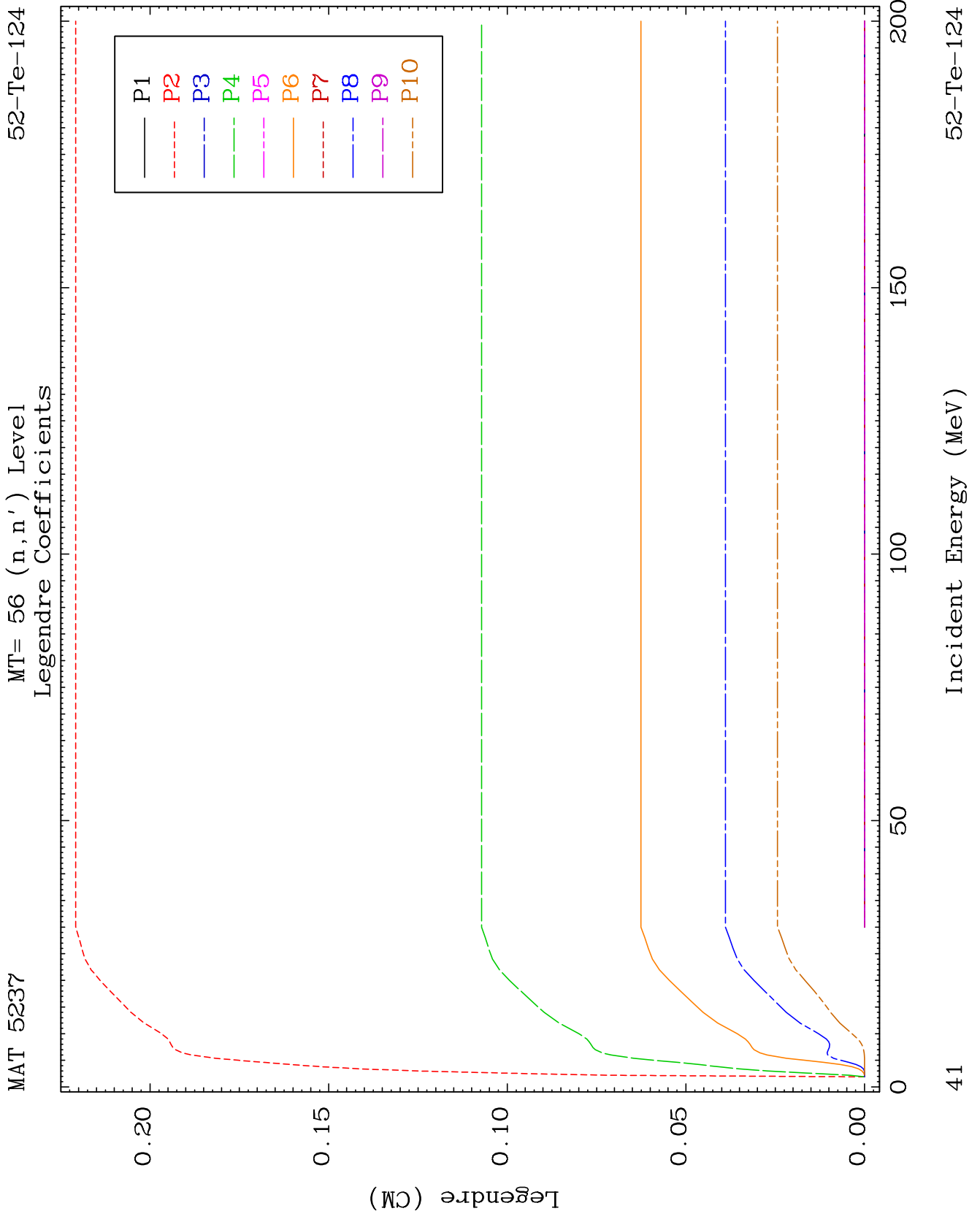


MAT 5237

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

52-Te-124

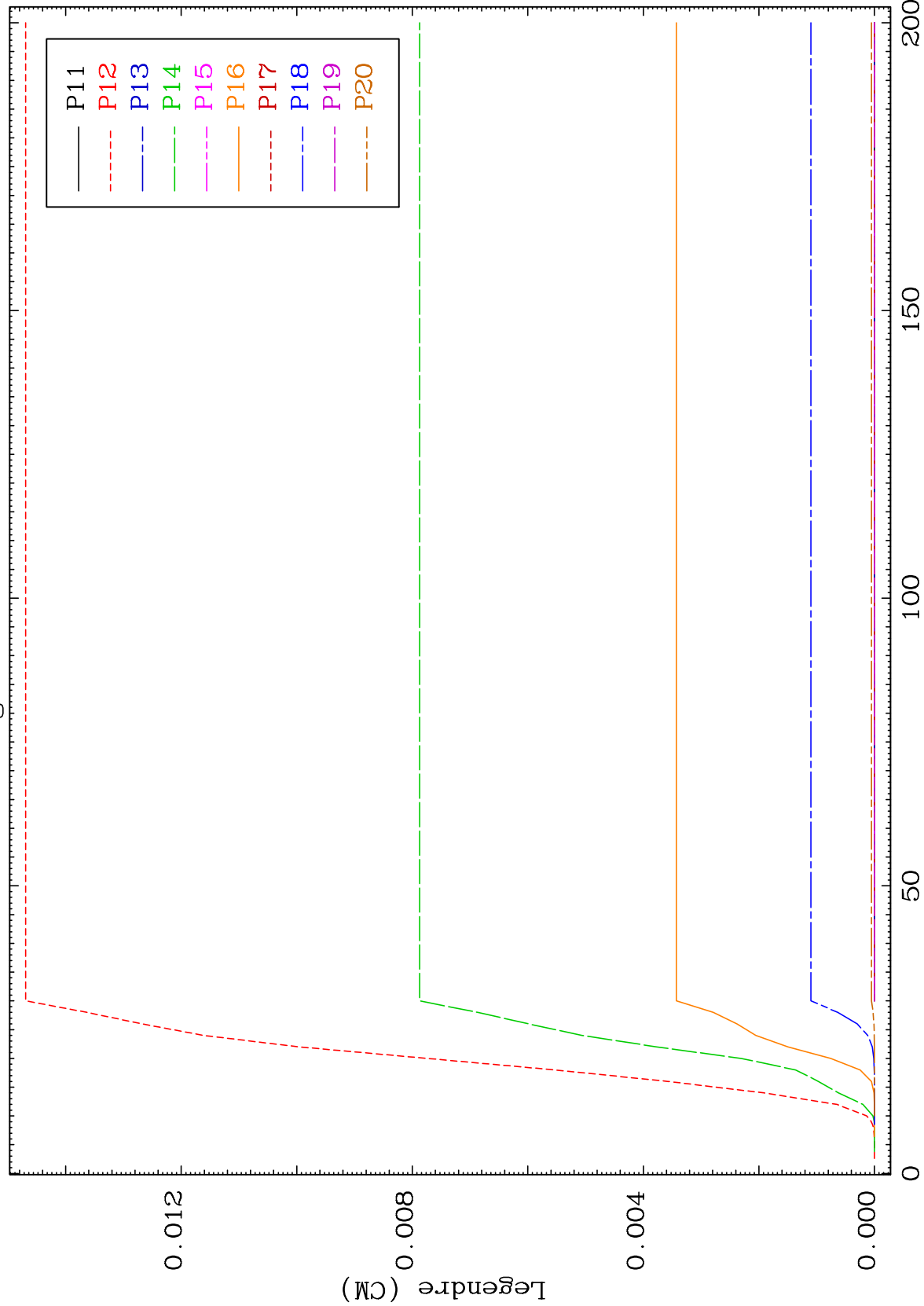




MAT 5237

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

52-Te-124



42

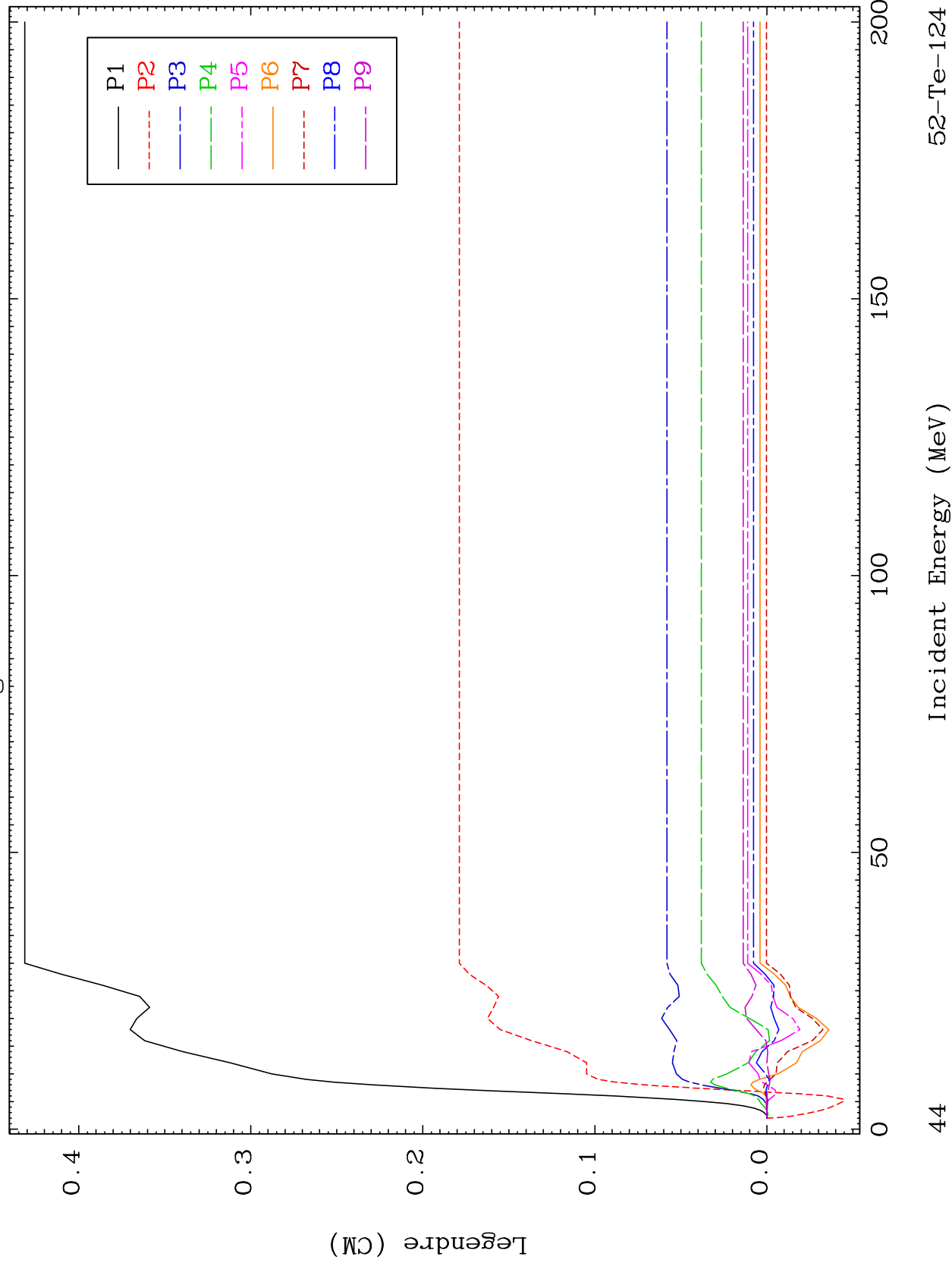
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



44

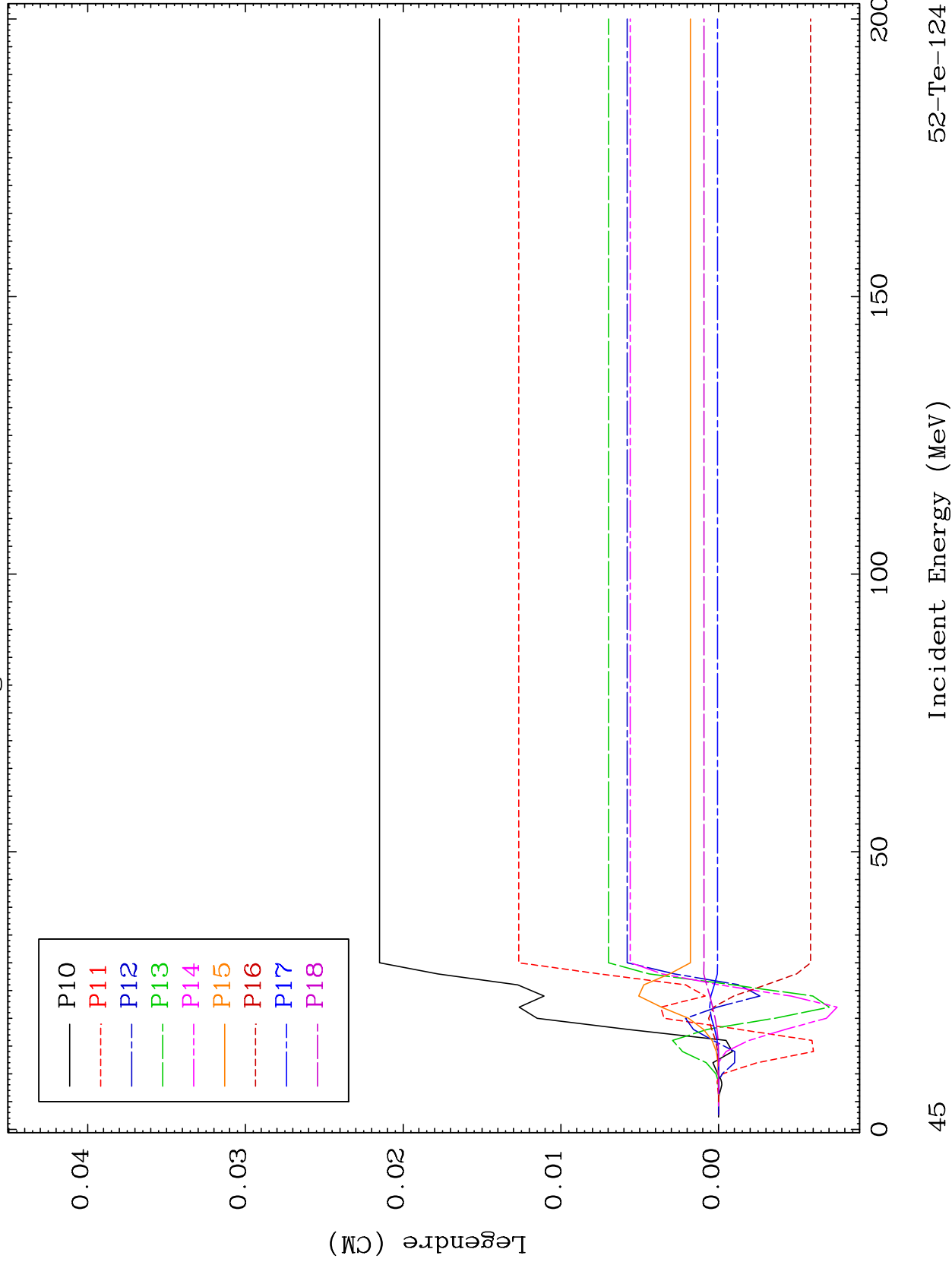
Incident Energy (MeV)

52-Te-124

MAT 5237

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

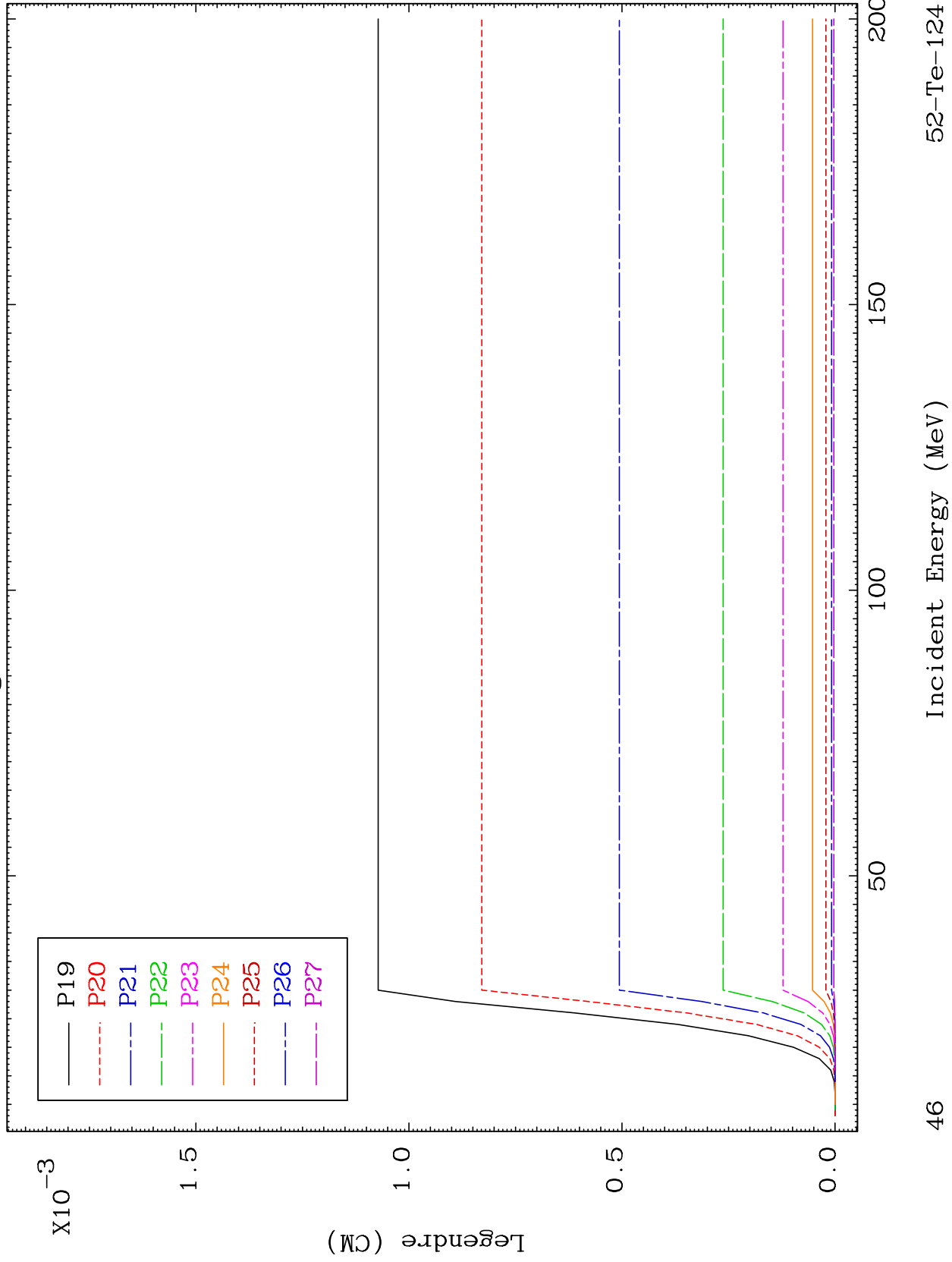
52-Te-124



MAT 5237

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

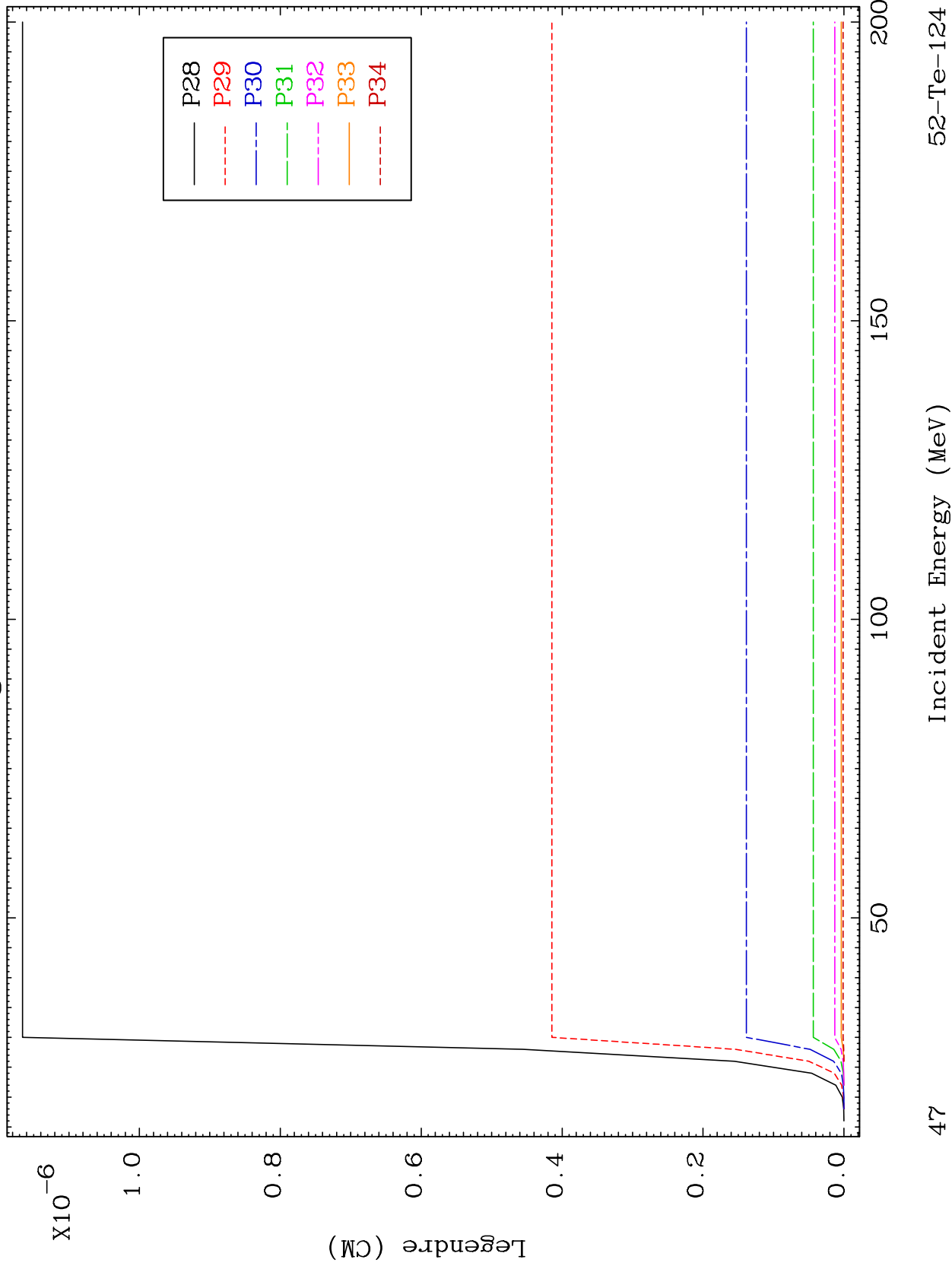
52-Te-124



MAT 5237

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

52-Te-124



47

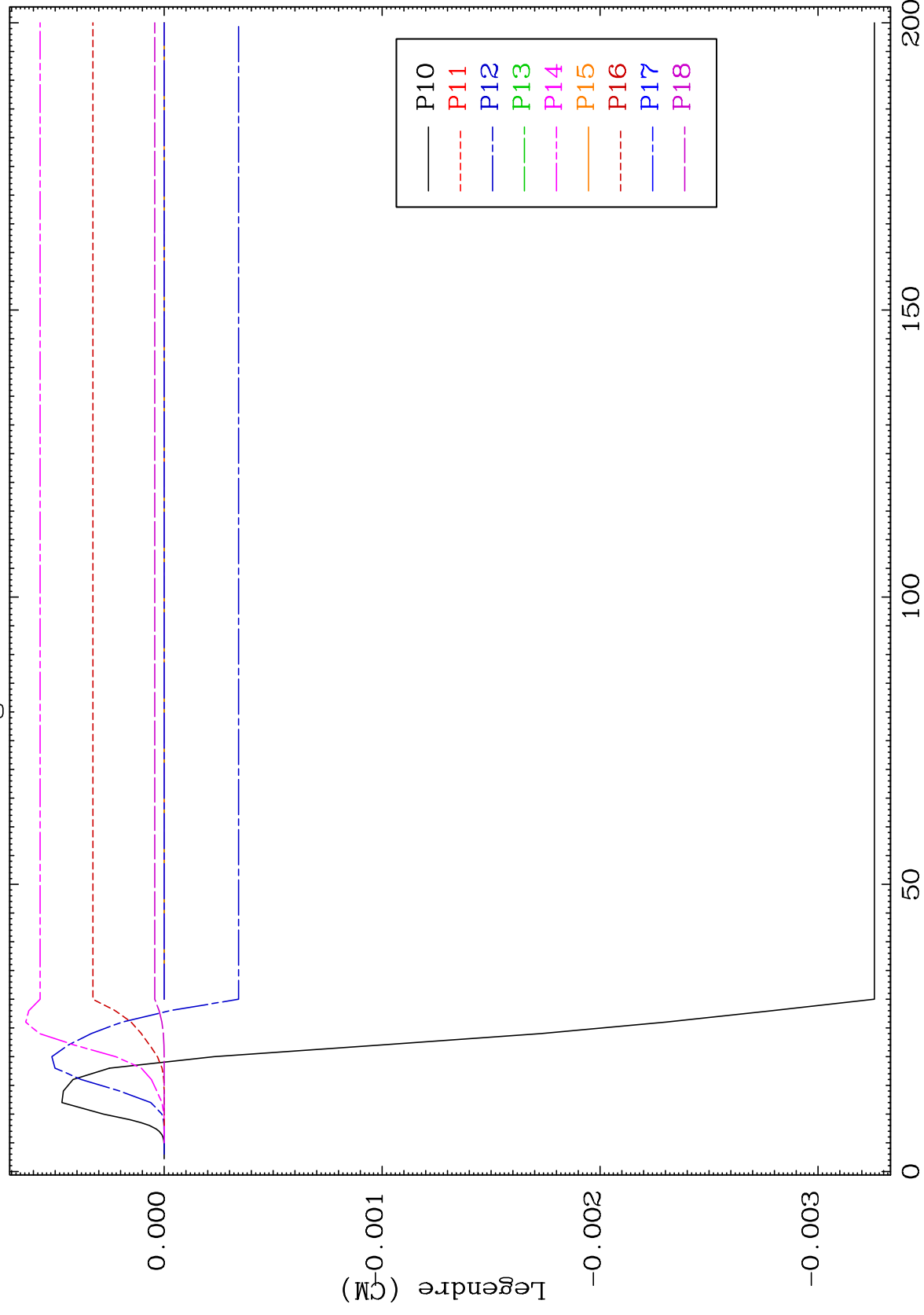
Incident Energy (MeV)

52-Te-124

MAT 5237

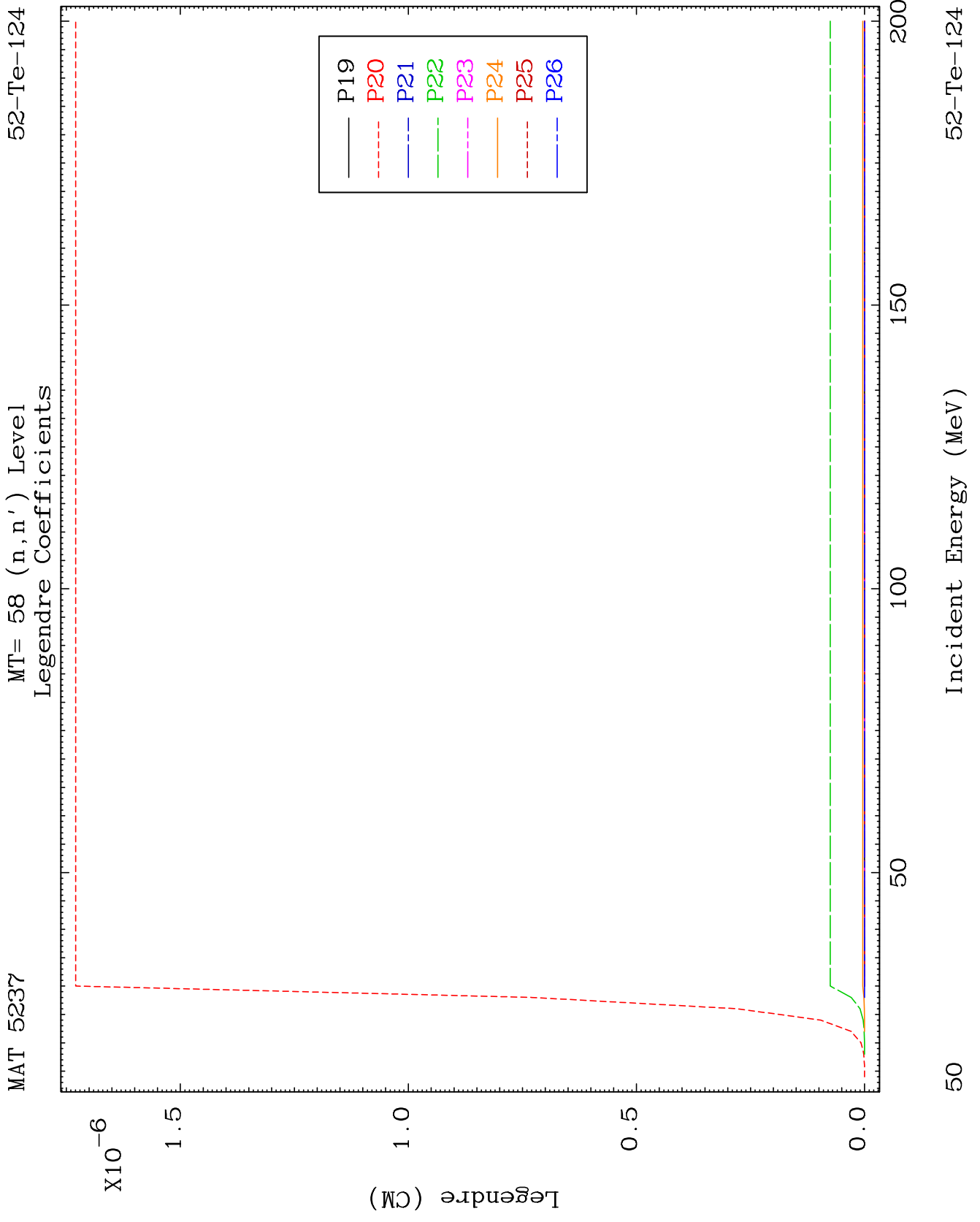
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Legendre Coefficients

52-Te-124



49

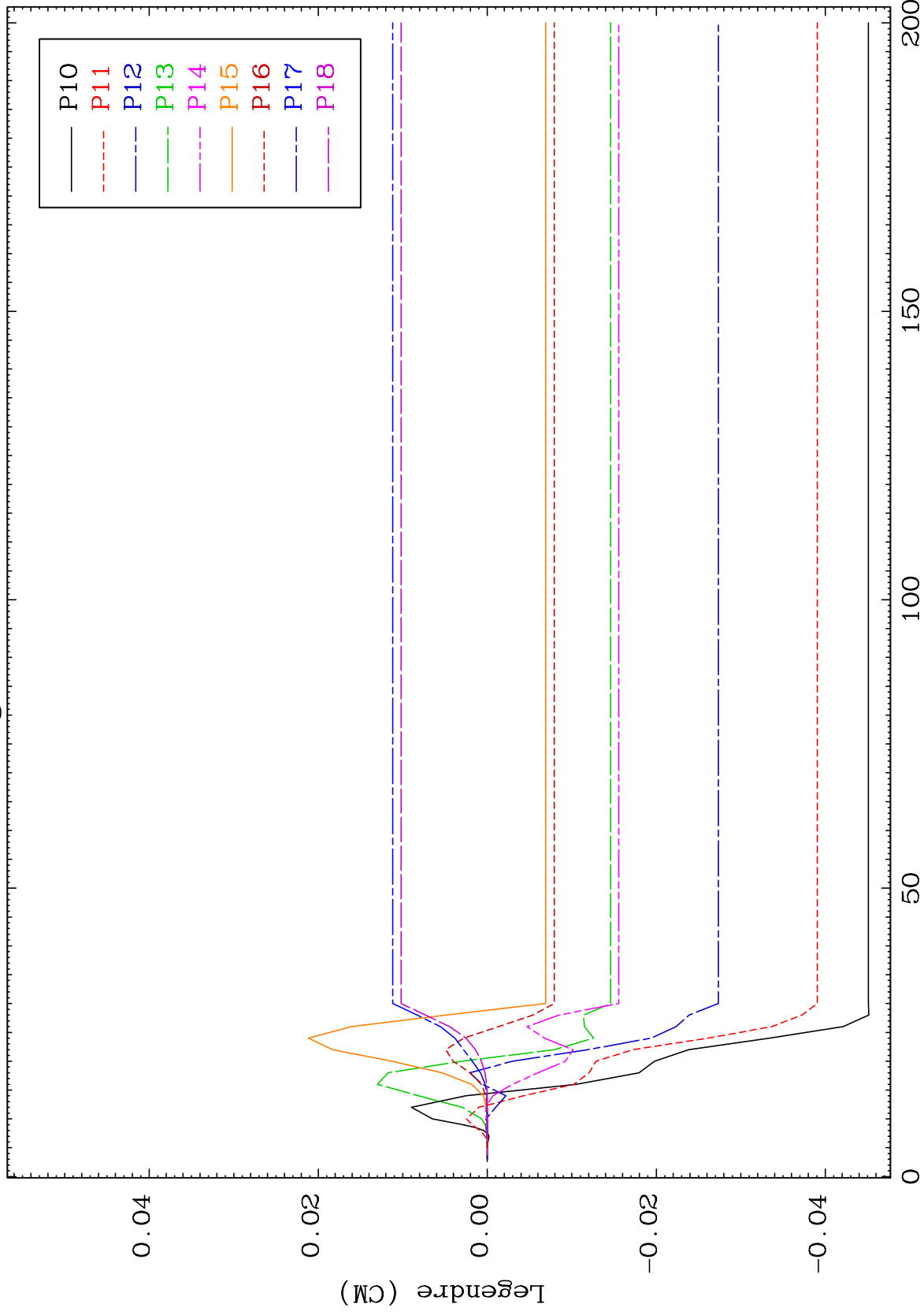
52-Te-124



MAT 5237

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

52-Te-124



52

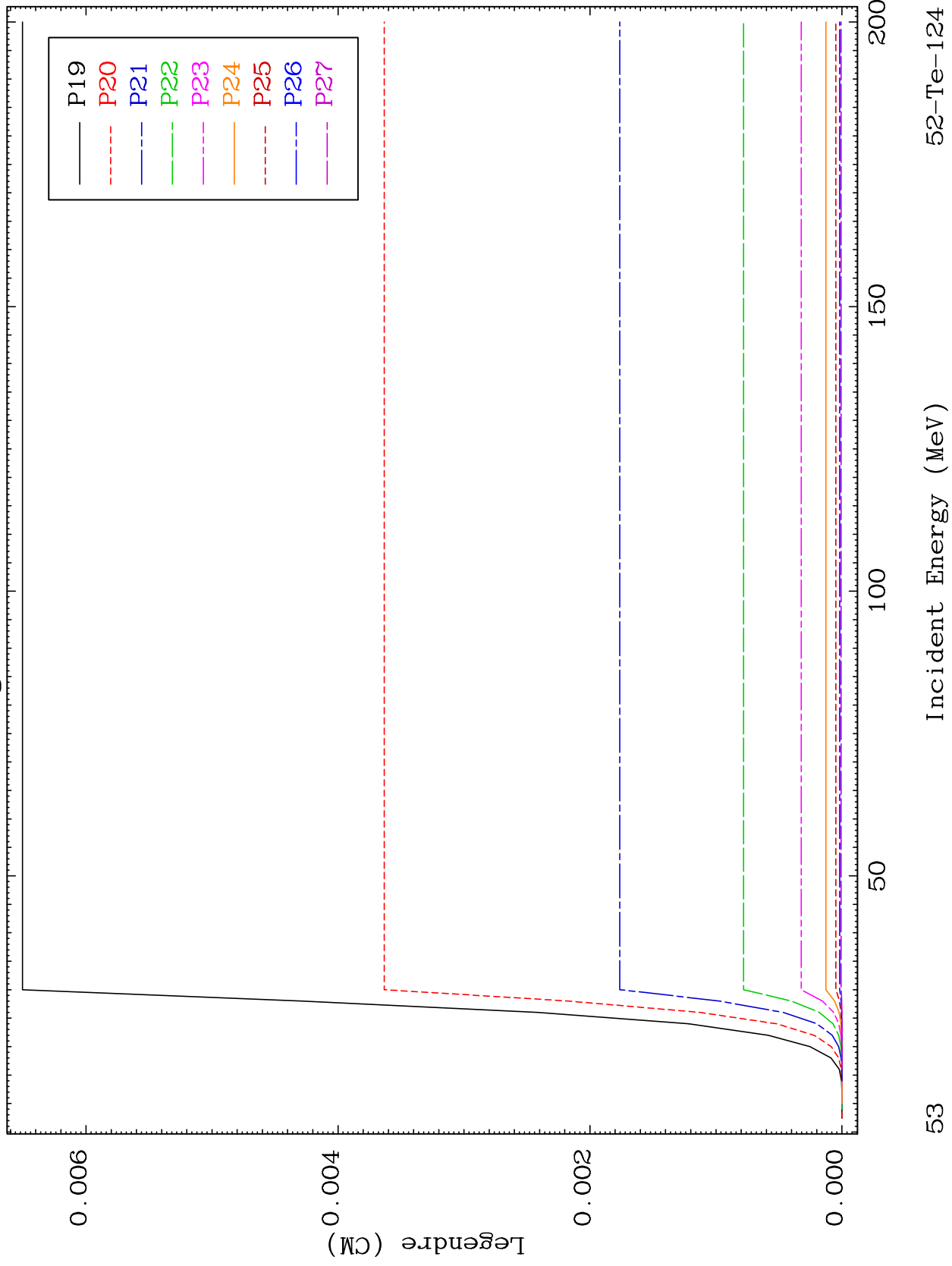
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



53

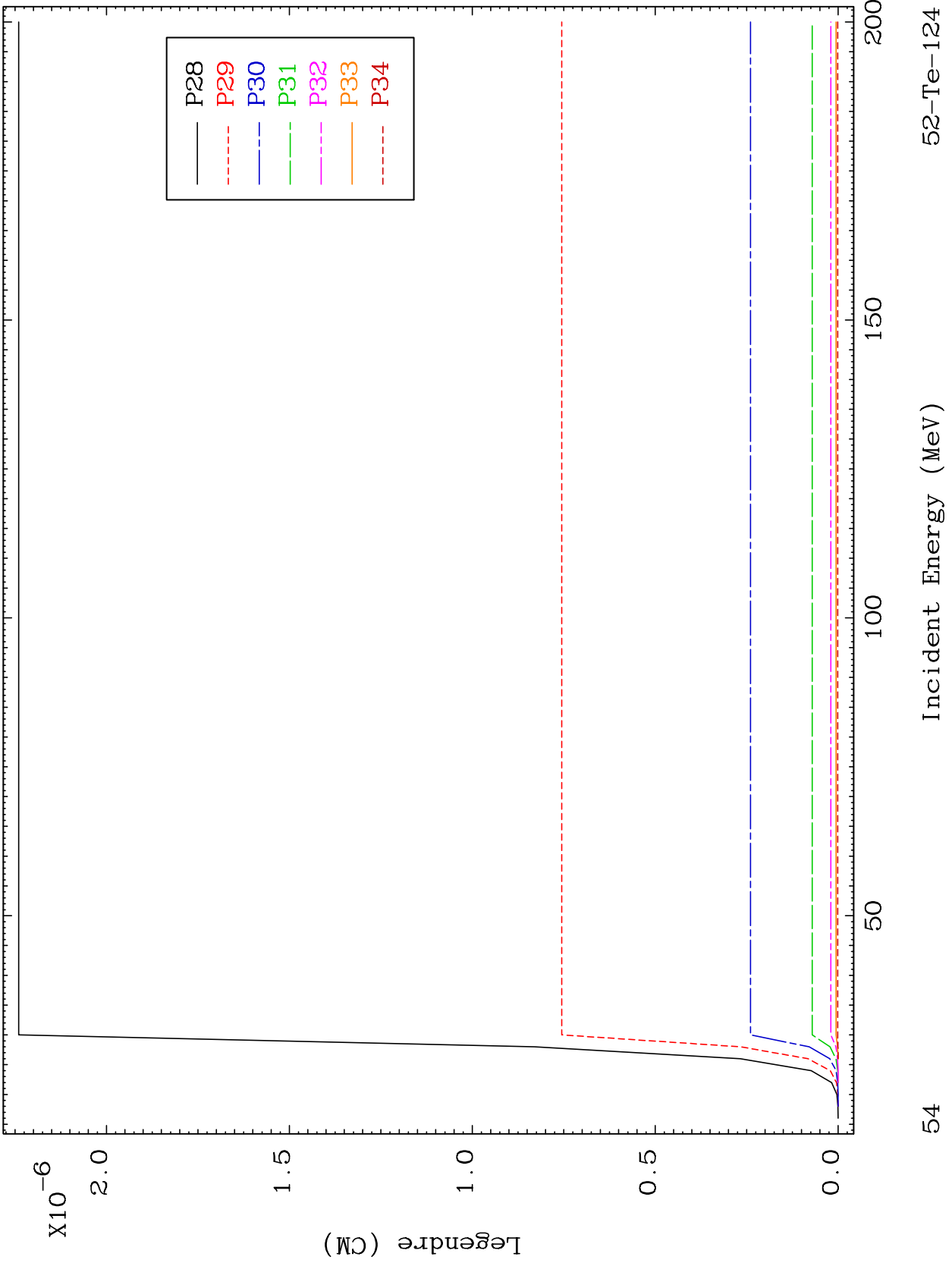
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



54

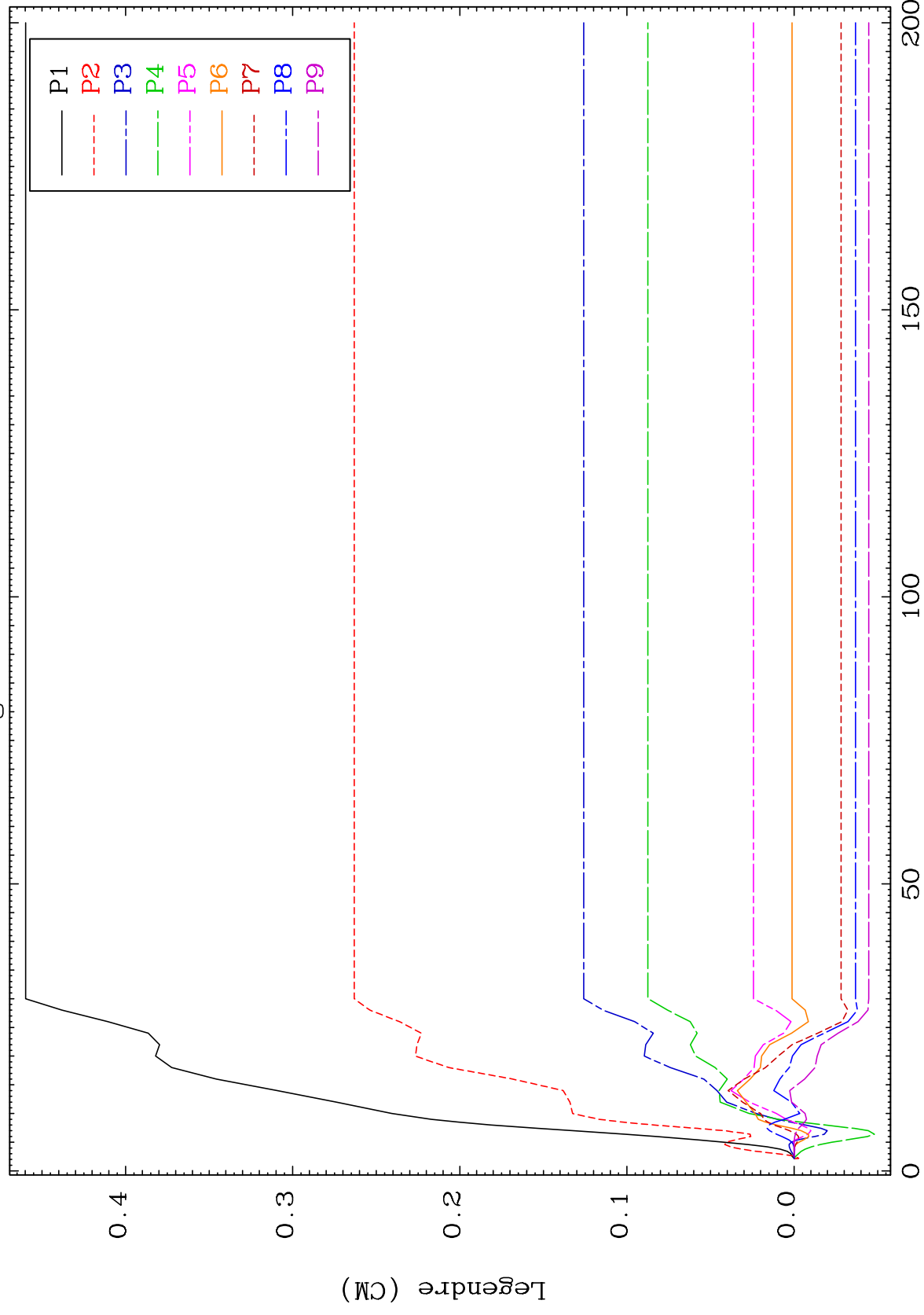
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



52-Te-124

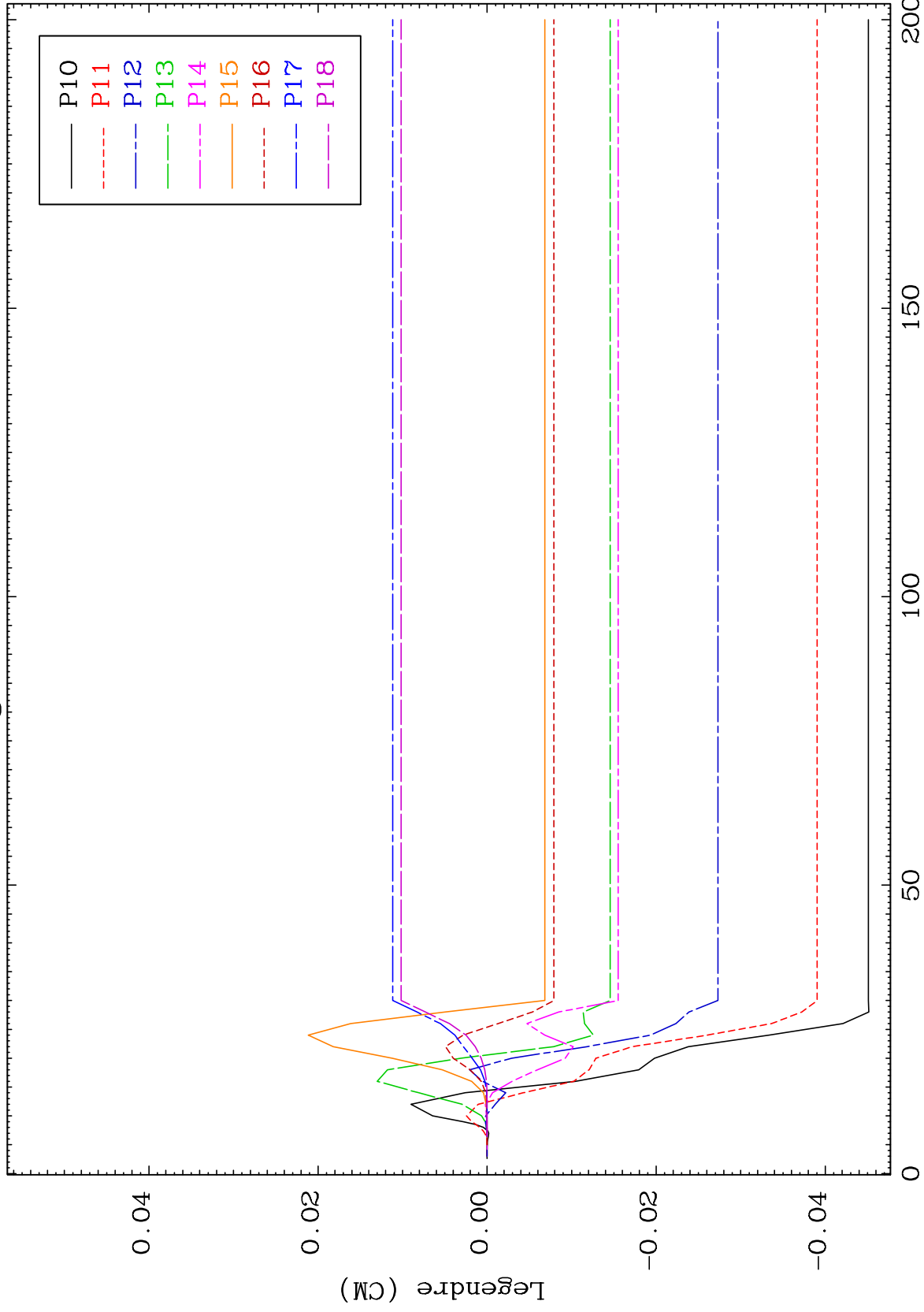
Incident Energy (MeV)

55

MAT 5237

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

52-Te-124



56

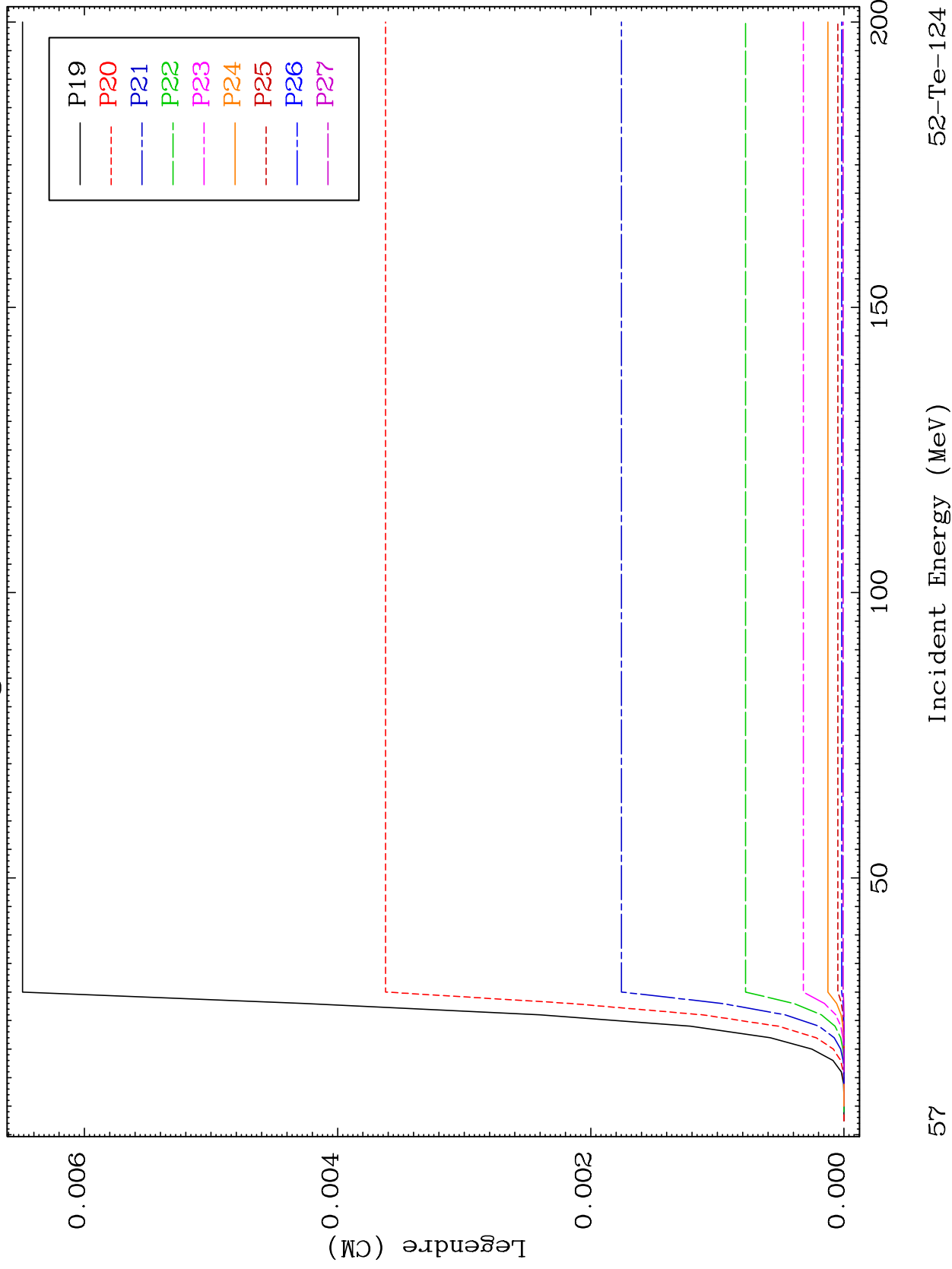
Incident Energy (MeV)

52-Te-124

MAT 5237

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

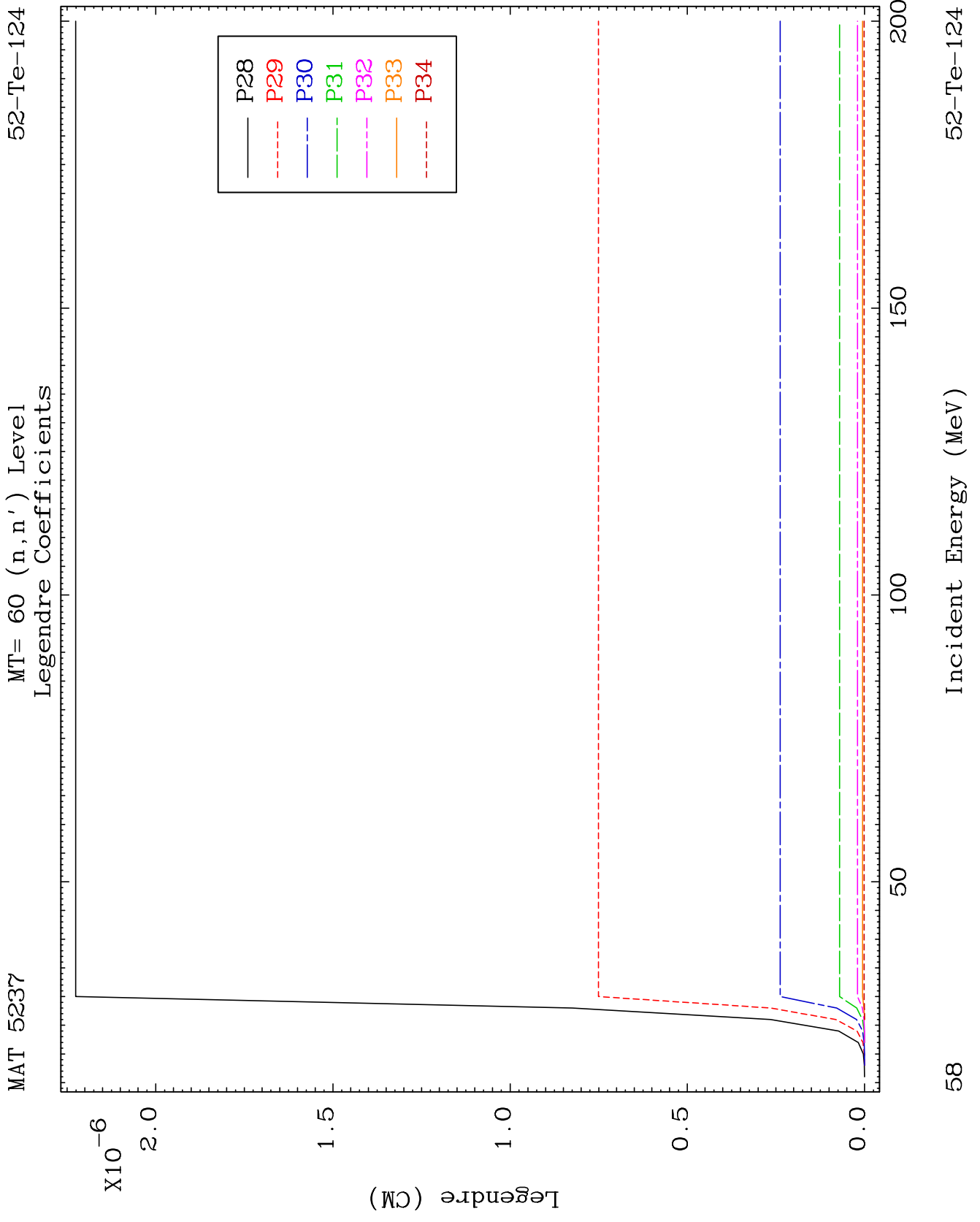
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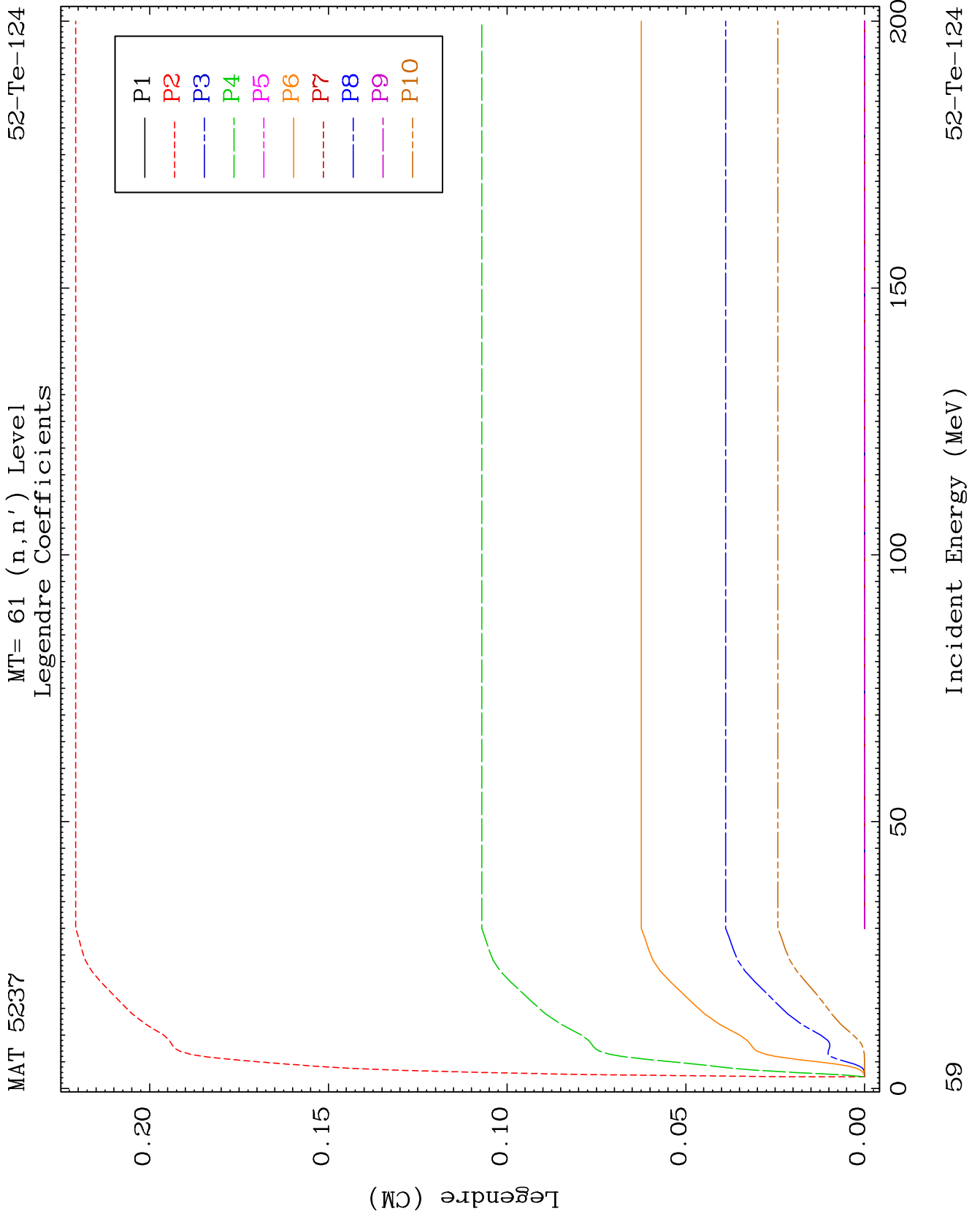


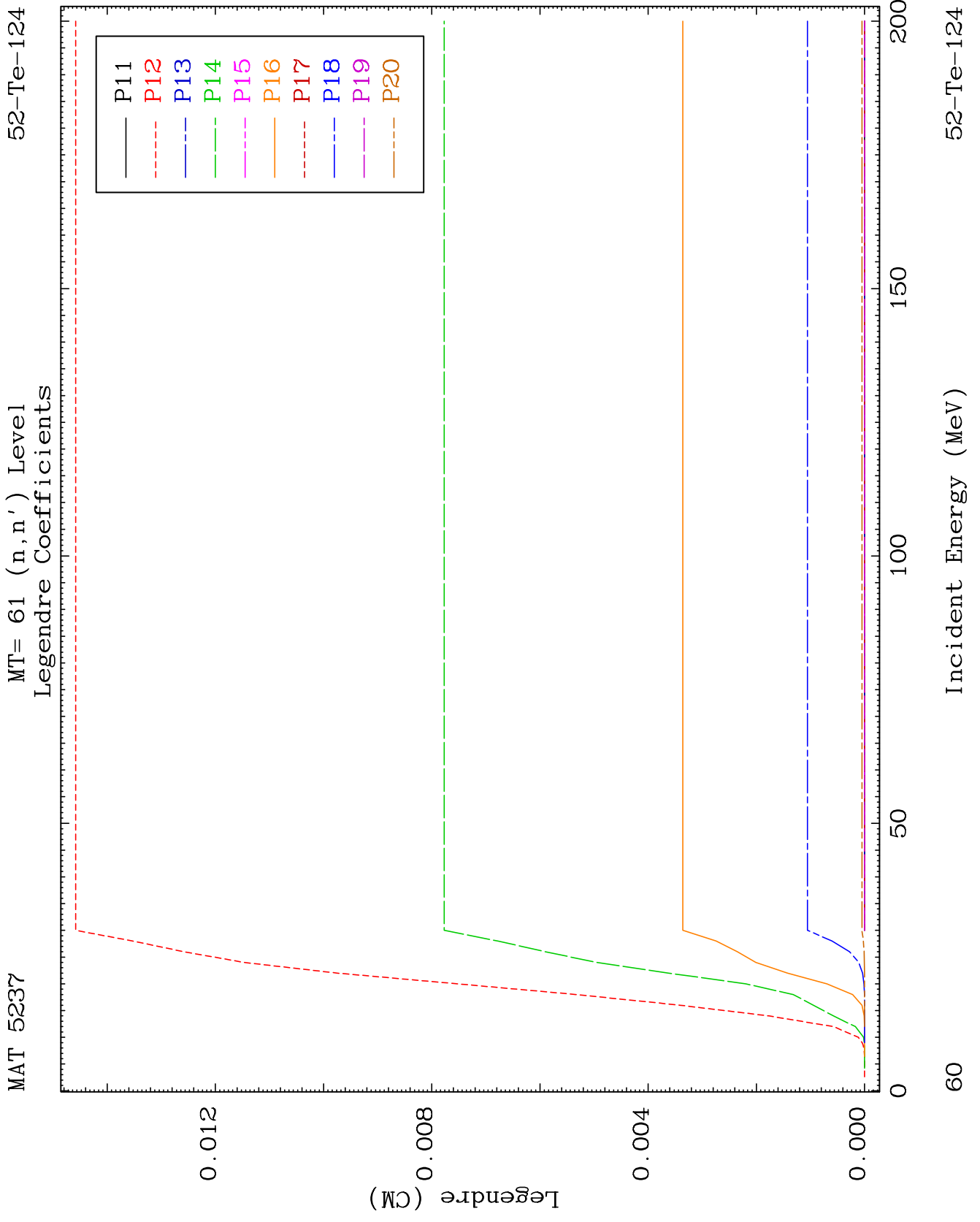
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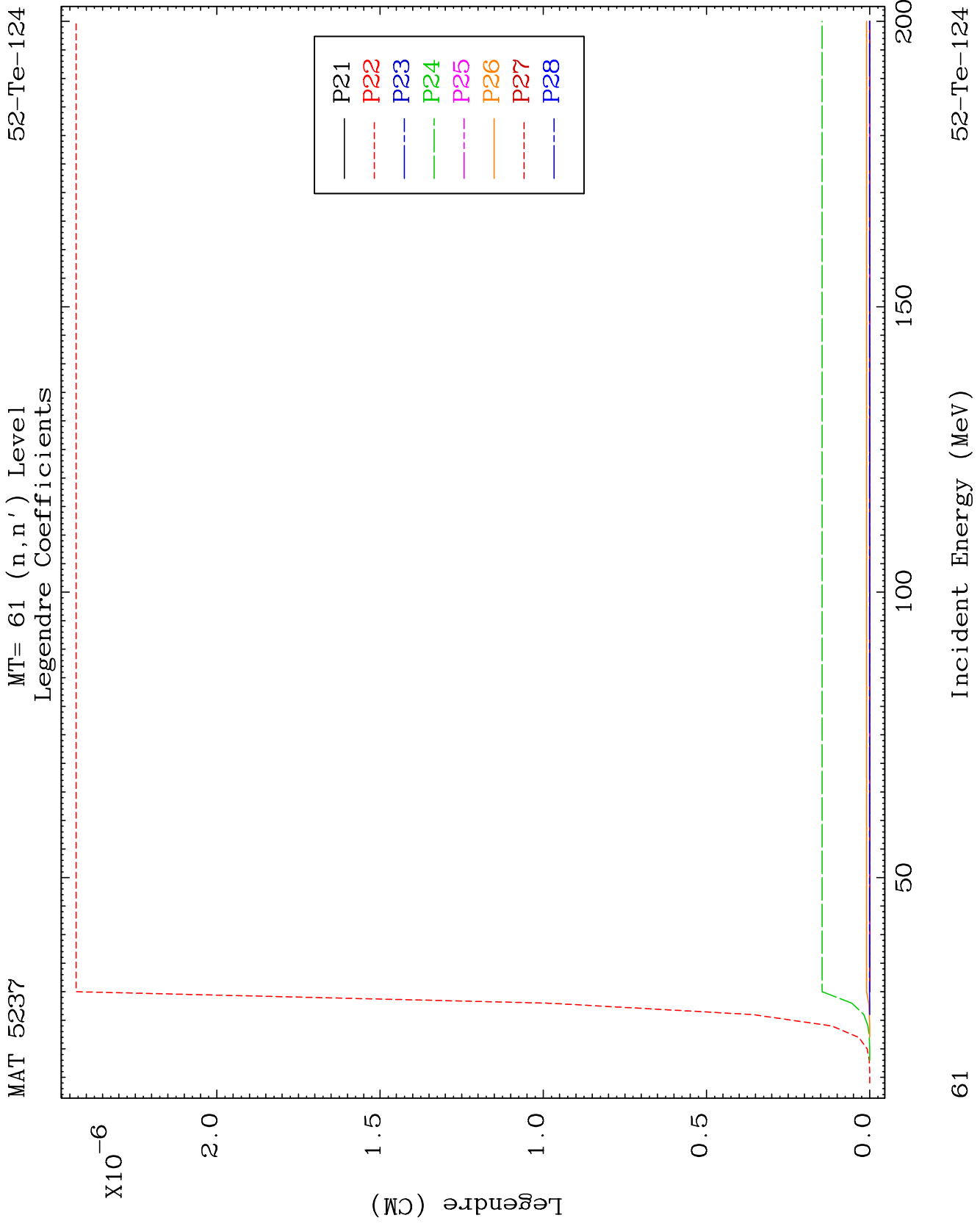
Incident Energy (MeV)

52-Te-124





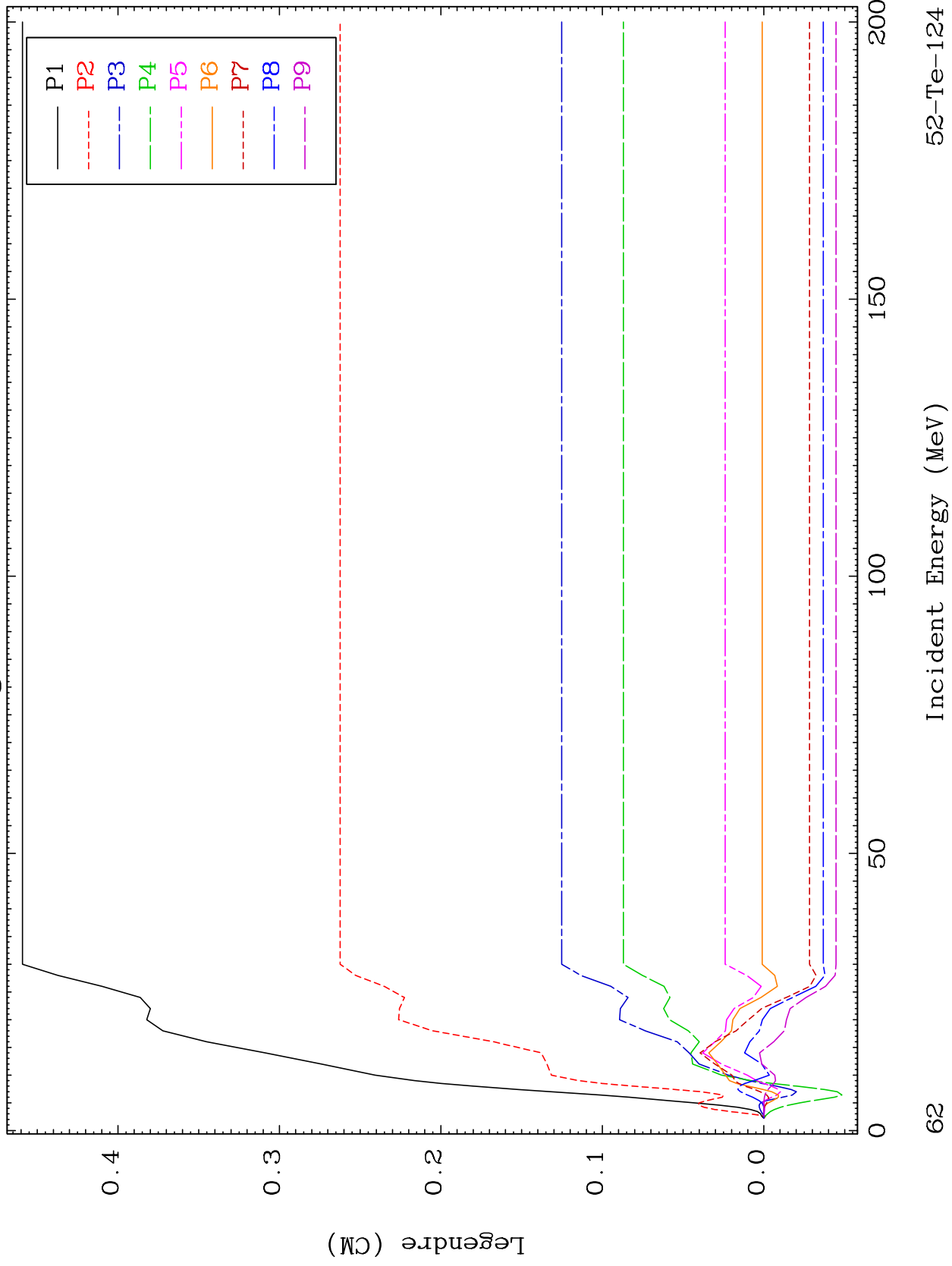




MAT 5237

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

52-Te-124



52-Te-124

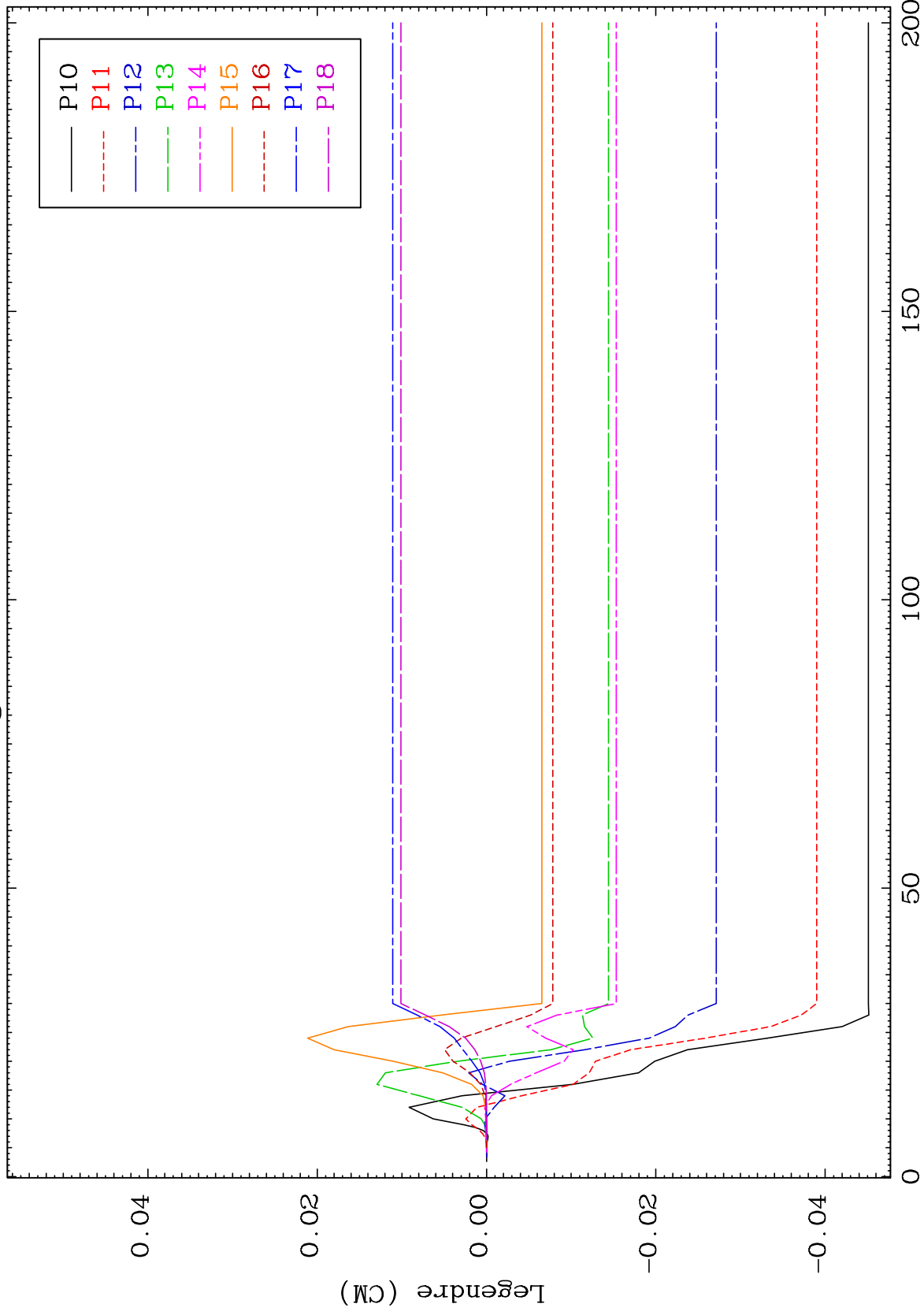
Incident Energy (MeV)

62

MAT 5237

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

52-Te-124



63

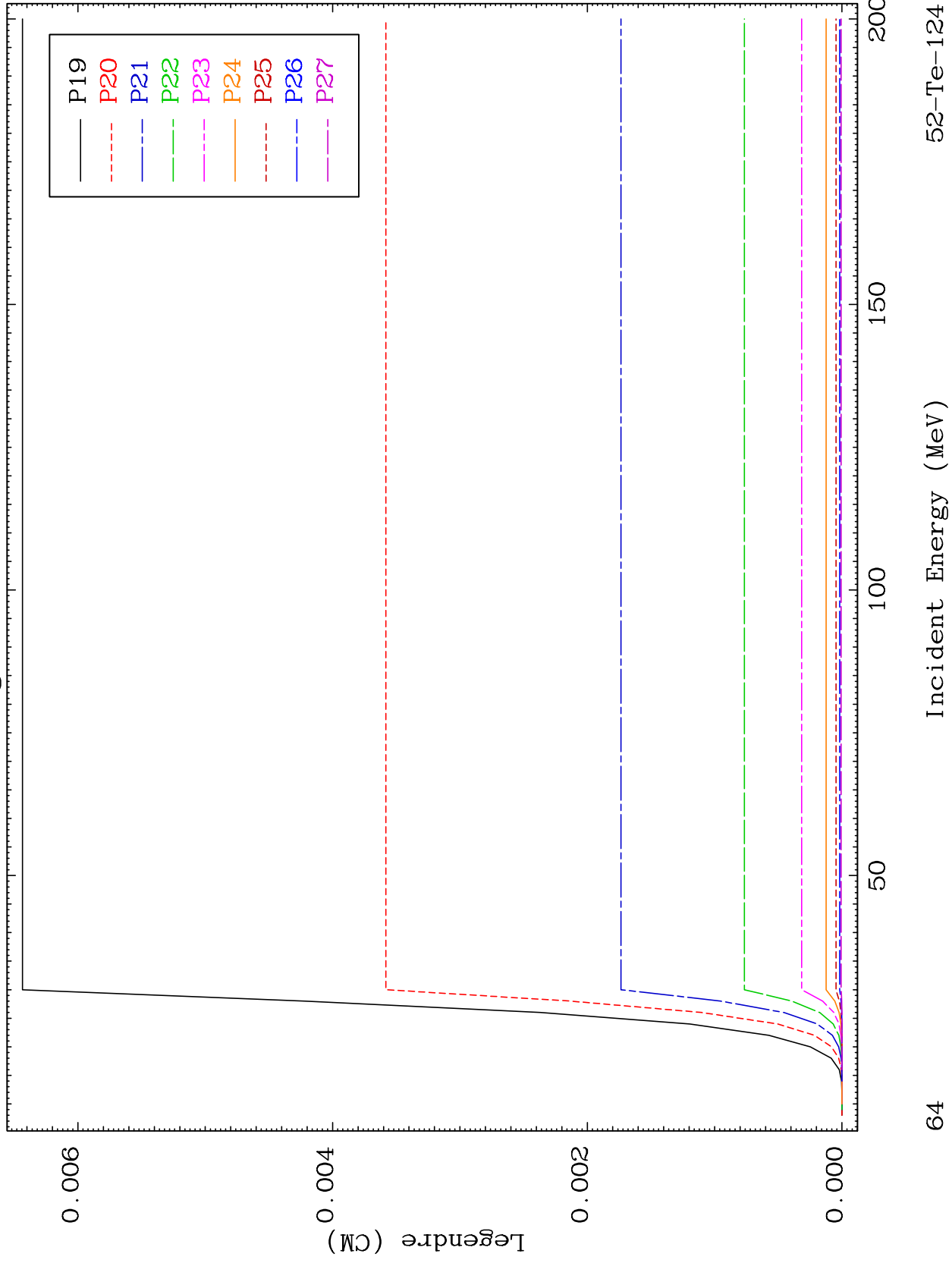
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



64

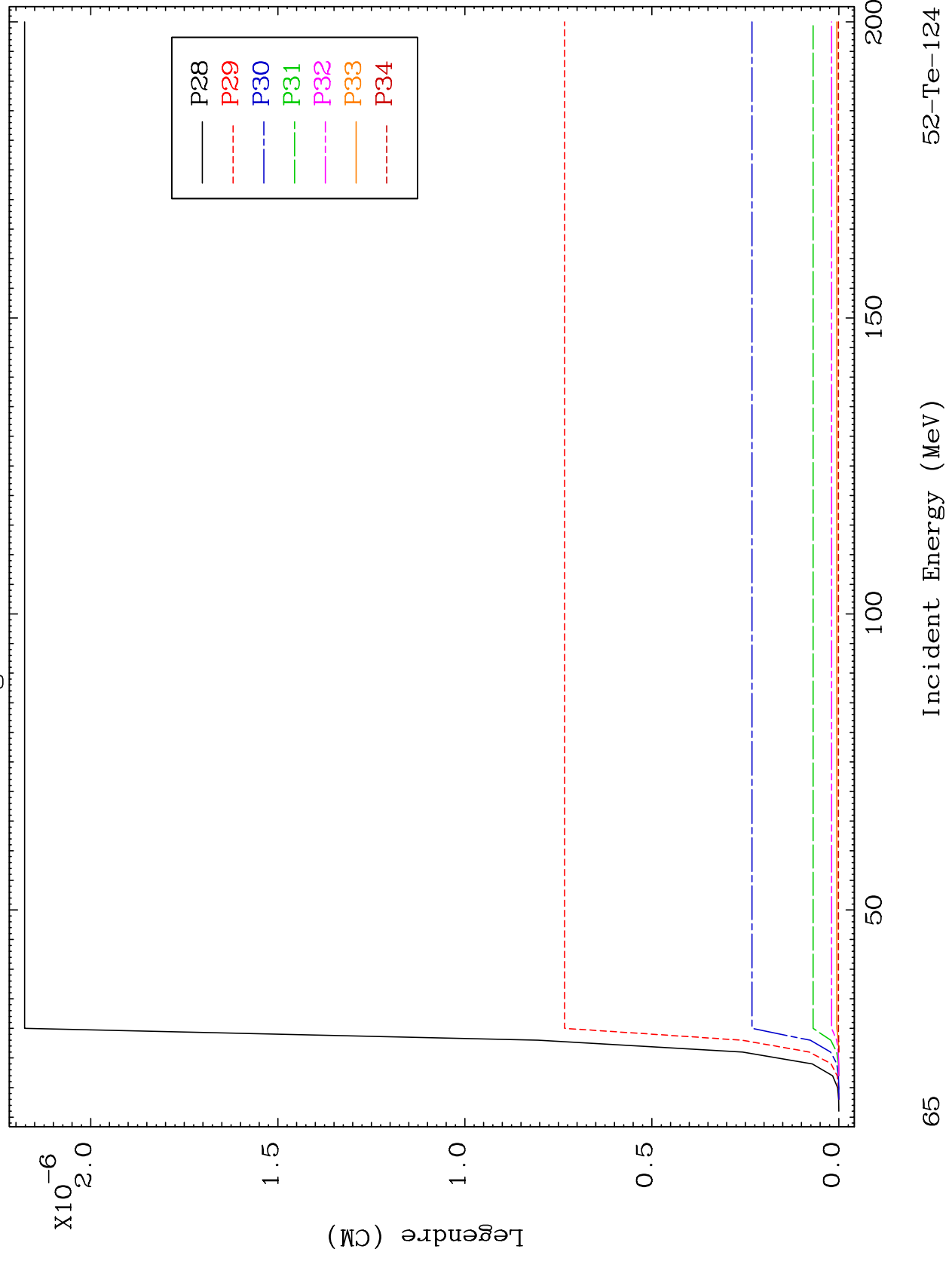
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



65

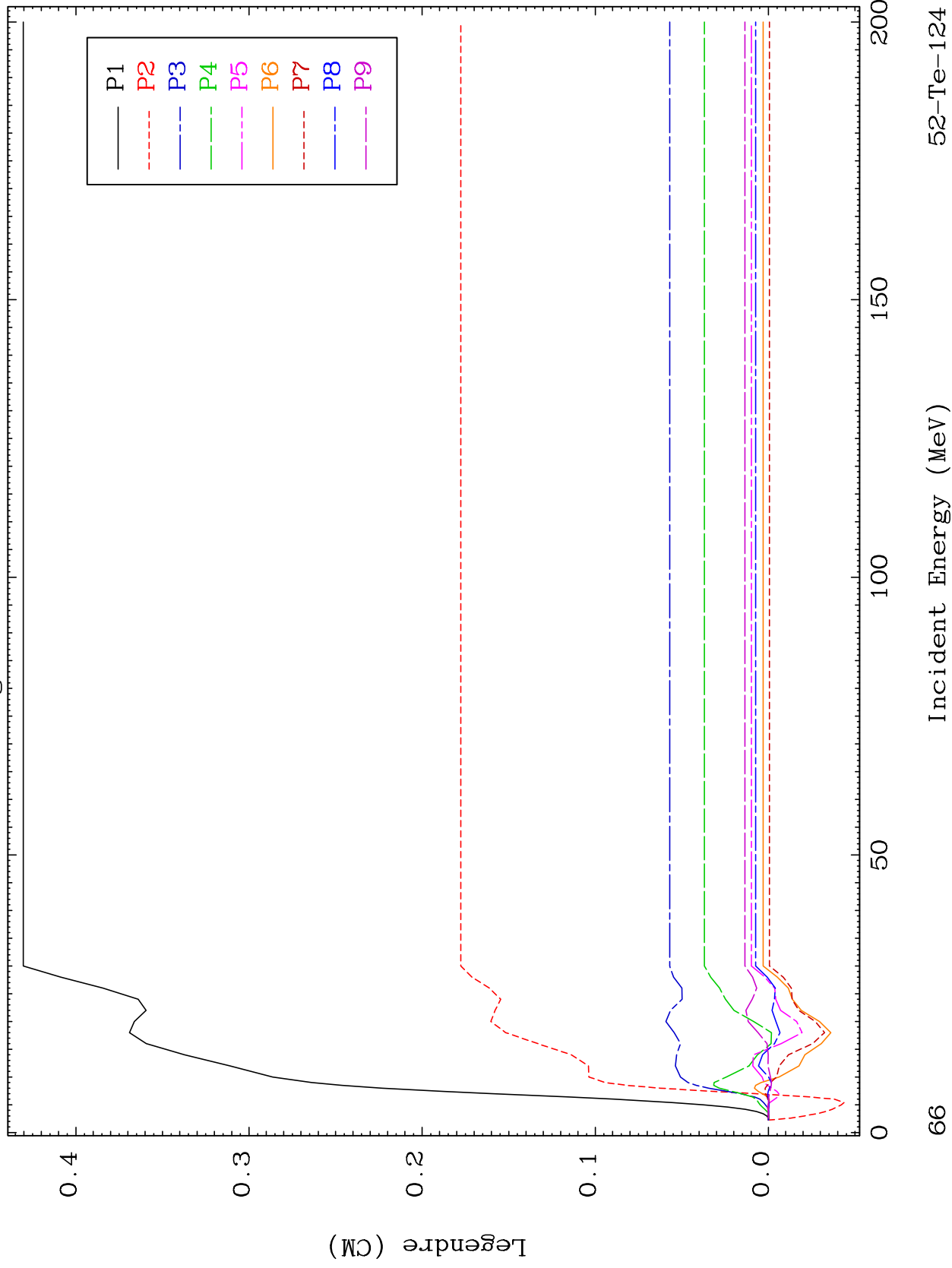
Incident Energy (MeV)

52-Te-124

MAT 5237

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

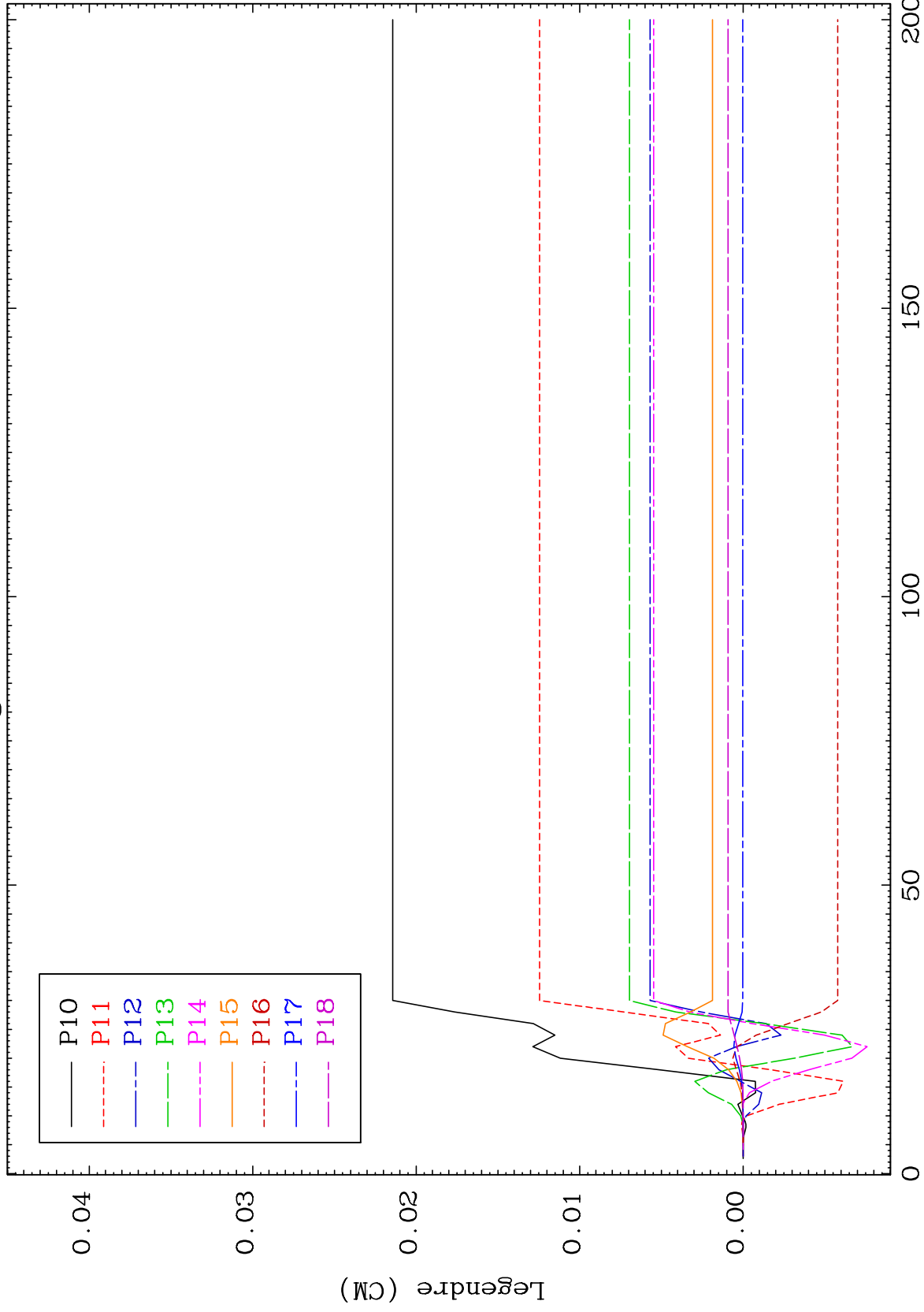
52-Te-124



MAT 5237

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

52-Te-124



67

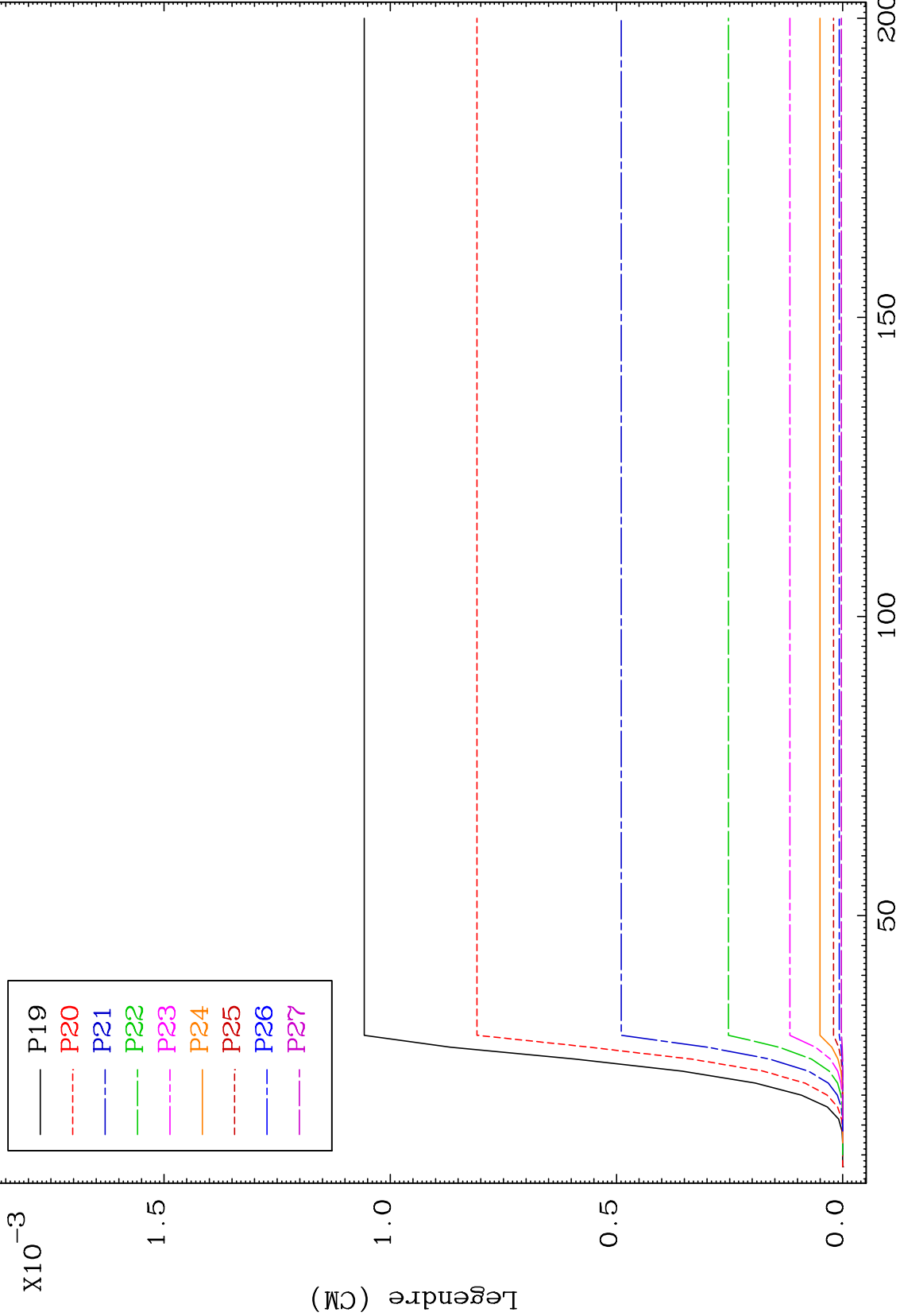
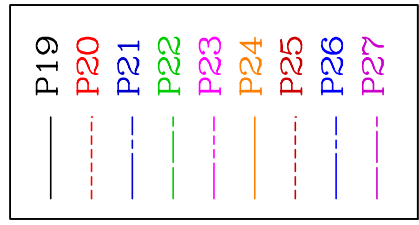
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



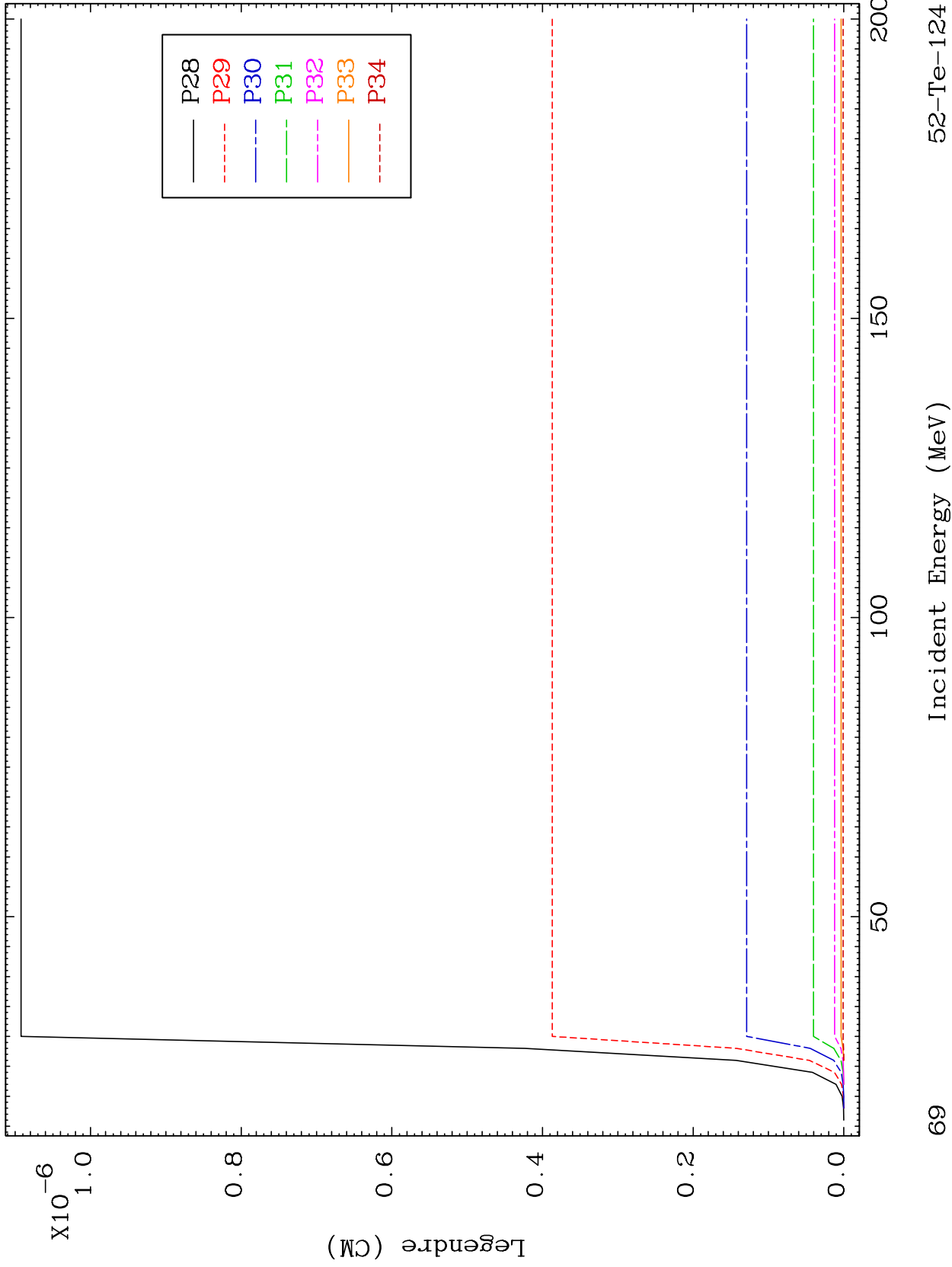
68

52-Te-124

MAT 5237

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

52-Te-124

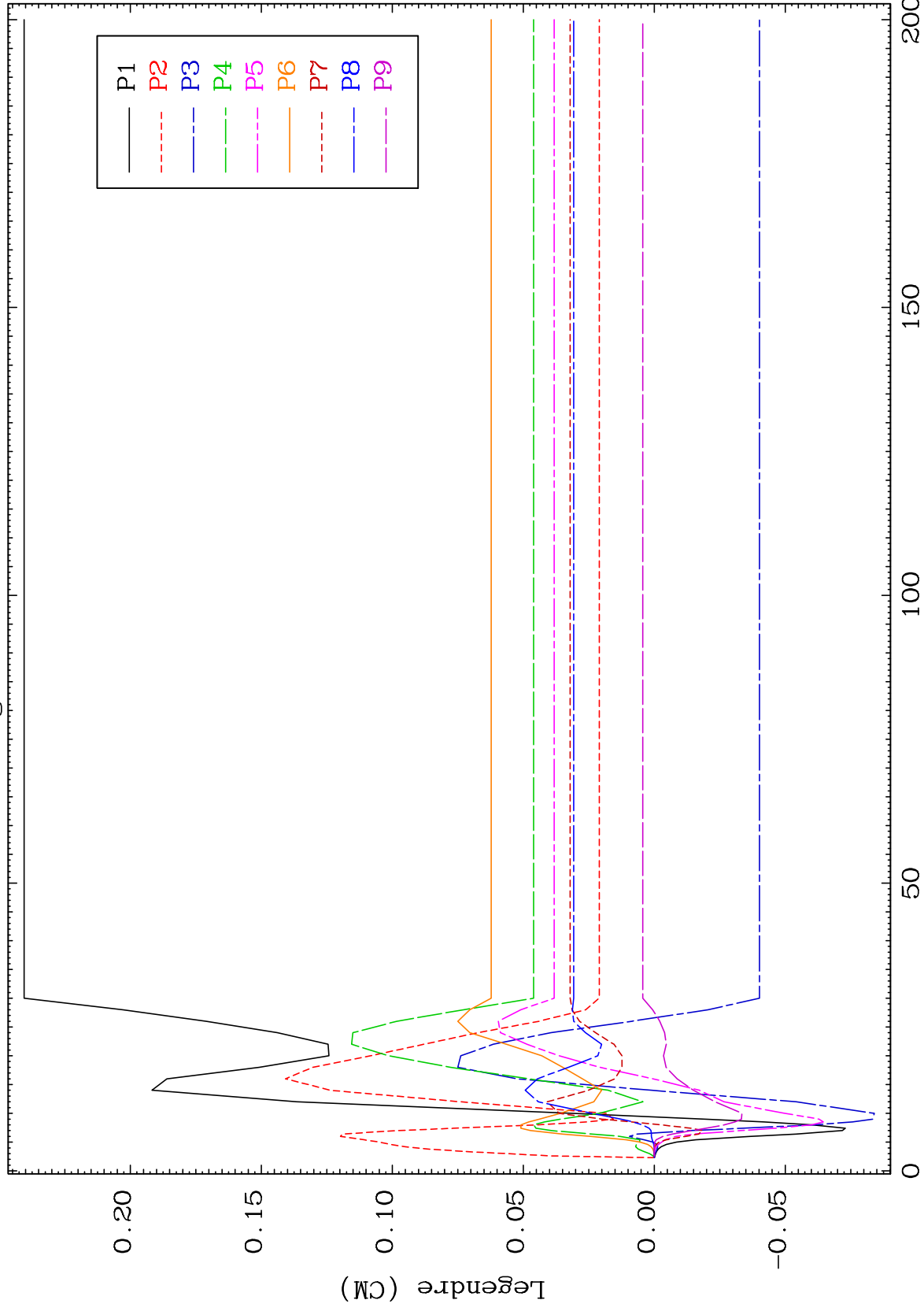


69

MAT 5237

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

52-Te-124



52-Te-124

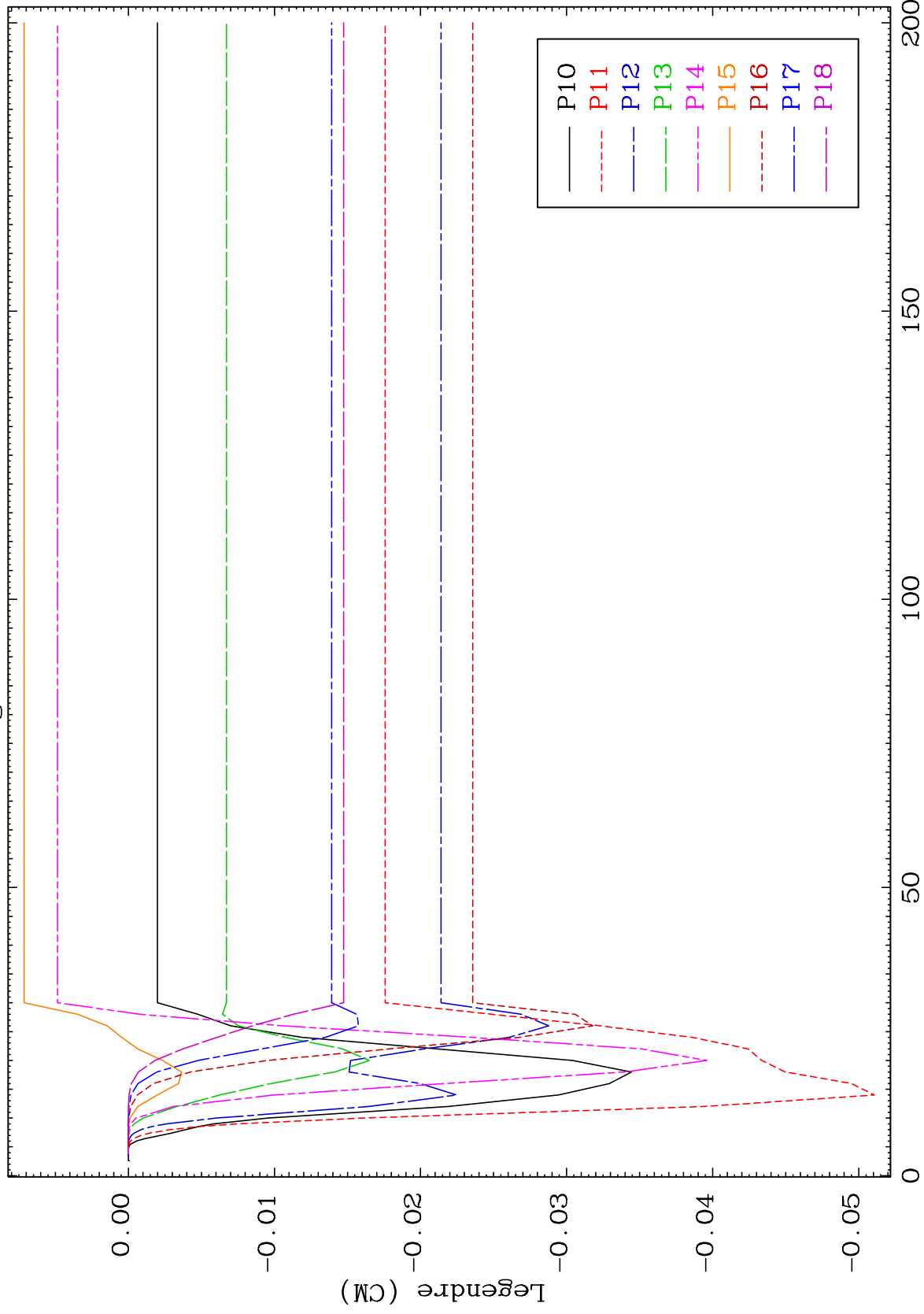
Incident Energy (MeV)

70

MAT 5237

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

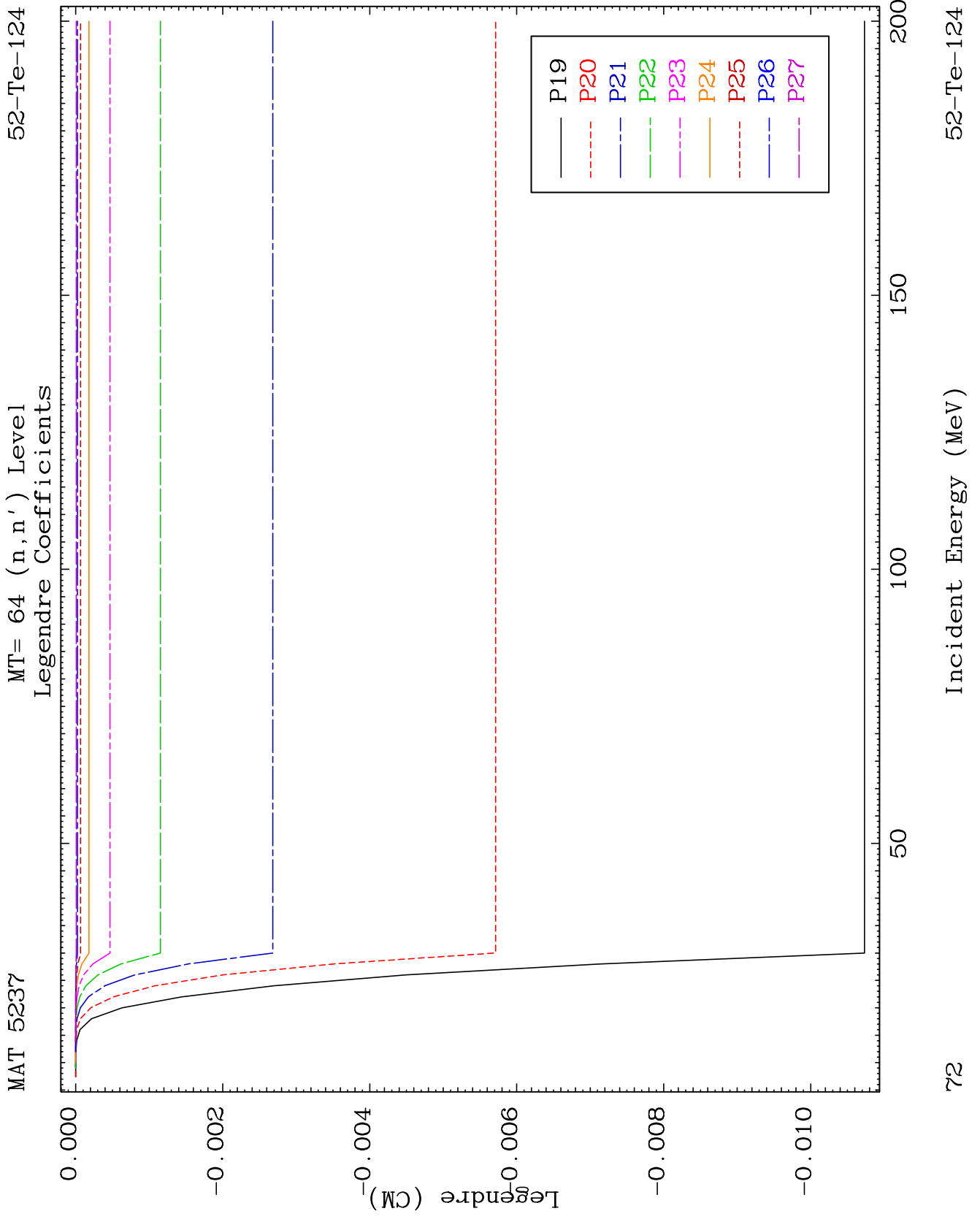
52-Te-124

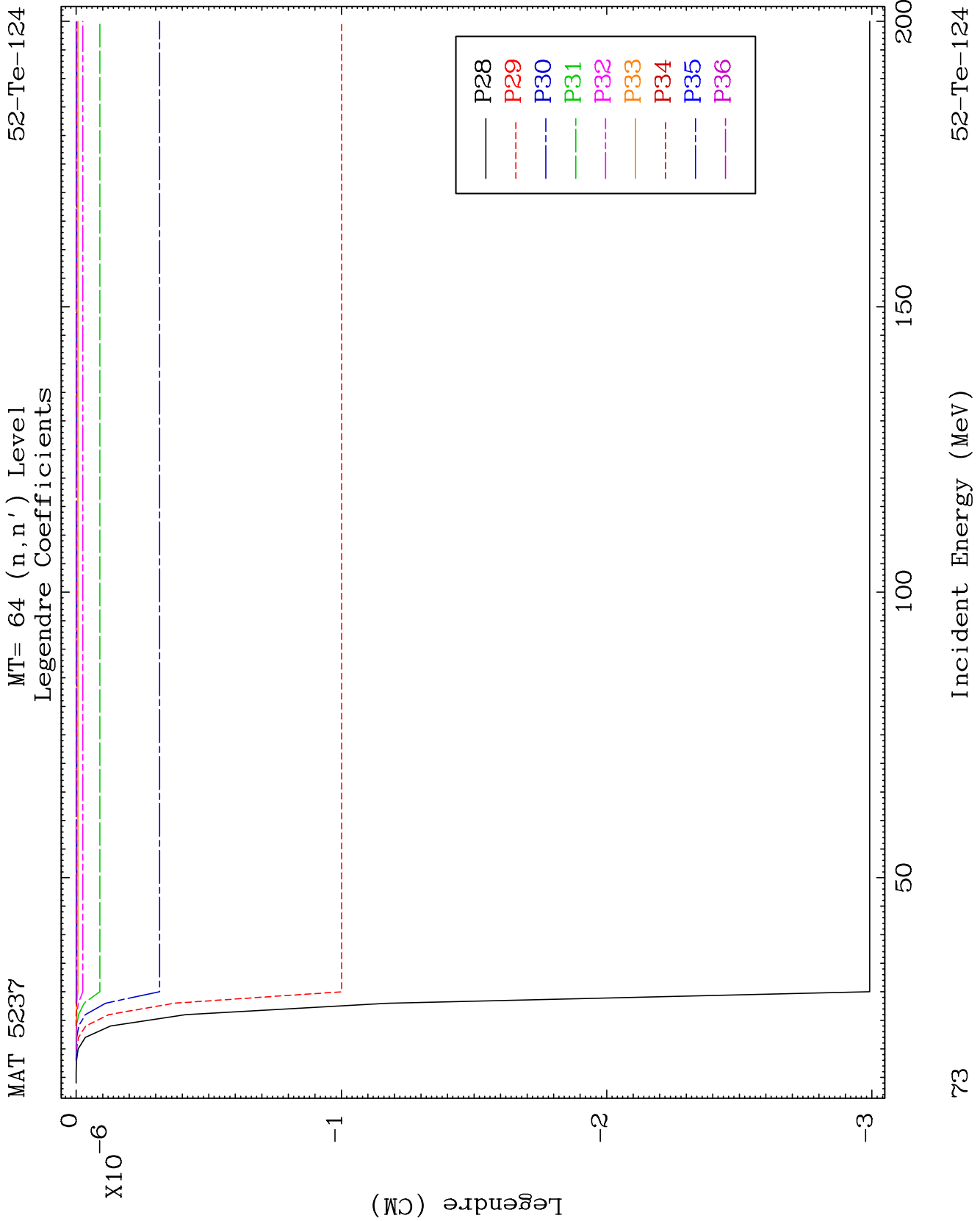


71

Incident Energy (MeV)

52-Te-124

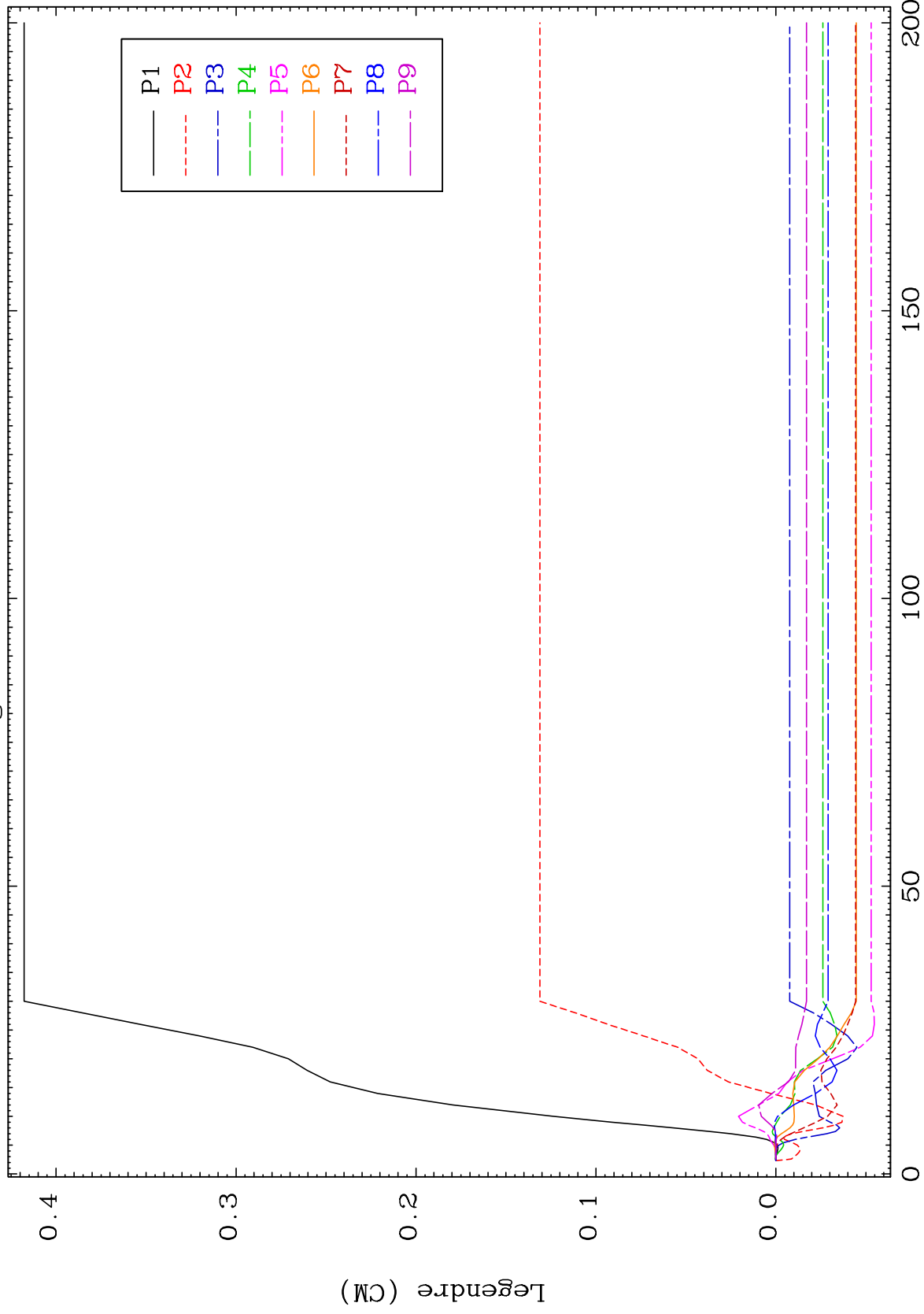




MAT 5237

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

52-Te-124



74

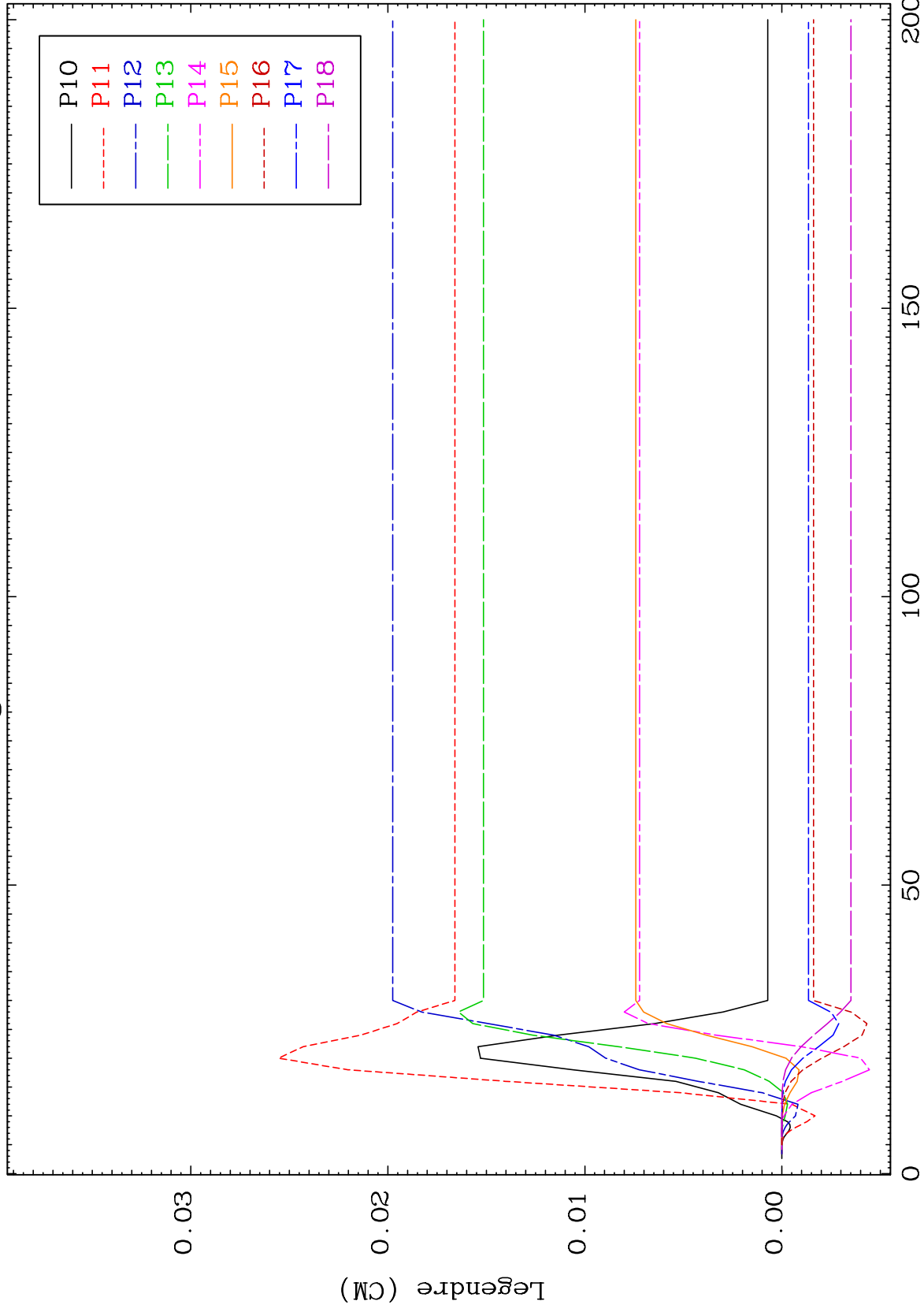
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



75

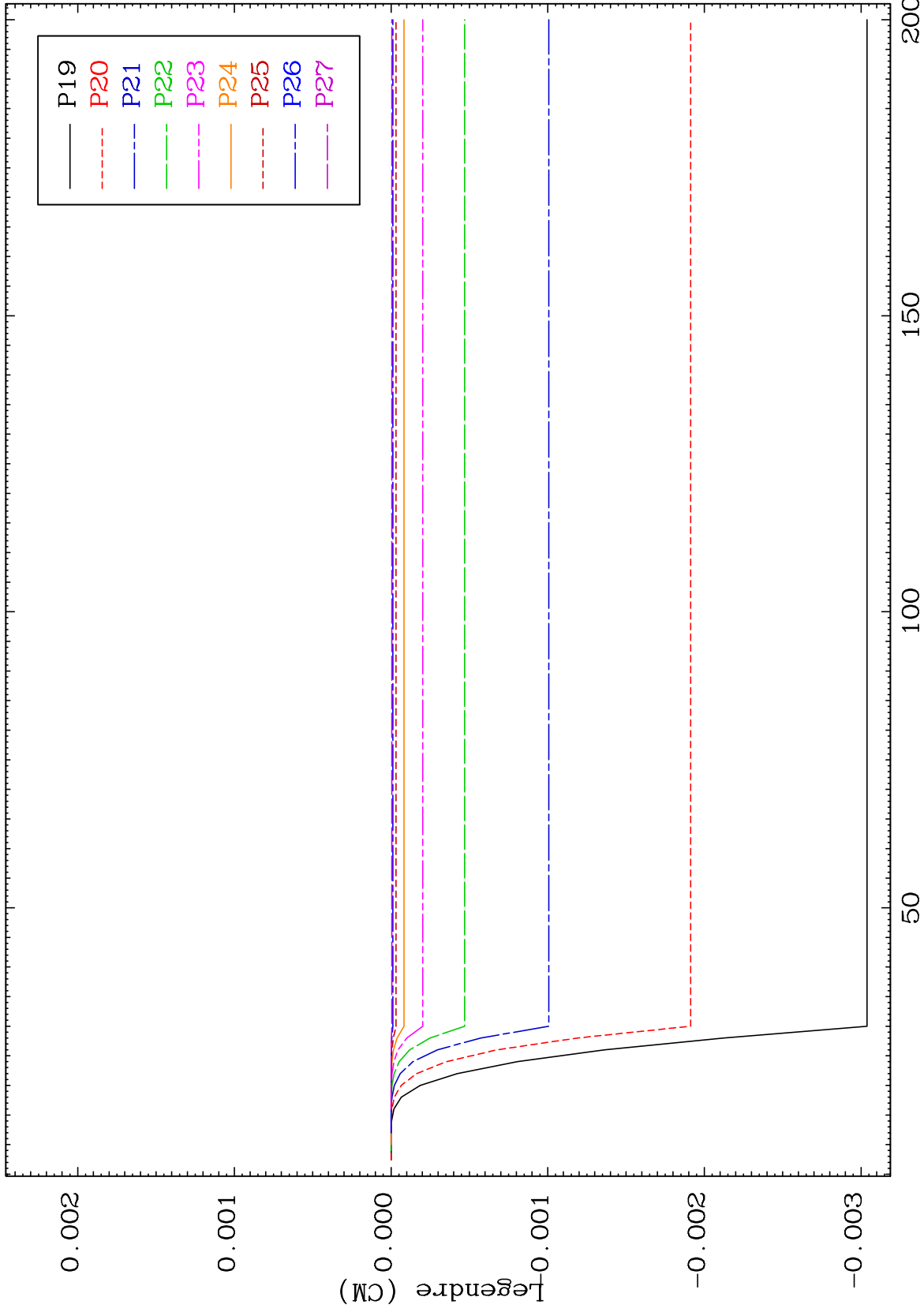
Incident Energy (MeV)

52-Te-124

MAT 5237

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

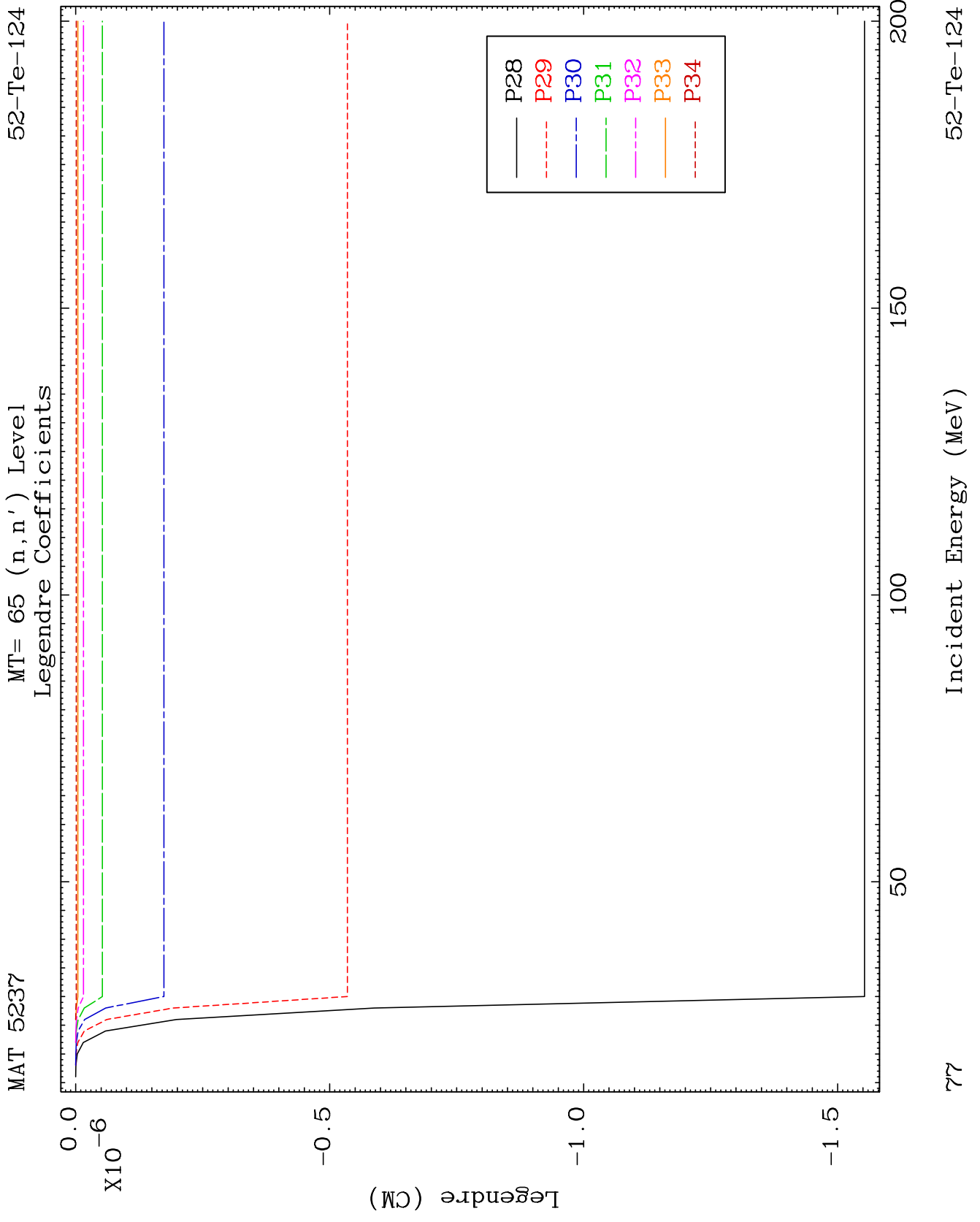
52-Te-124



76

Incident Energy (MeV)

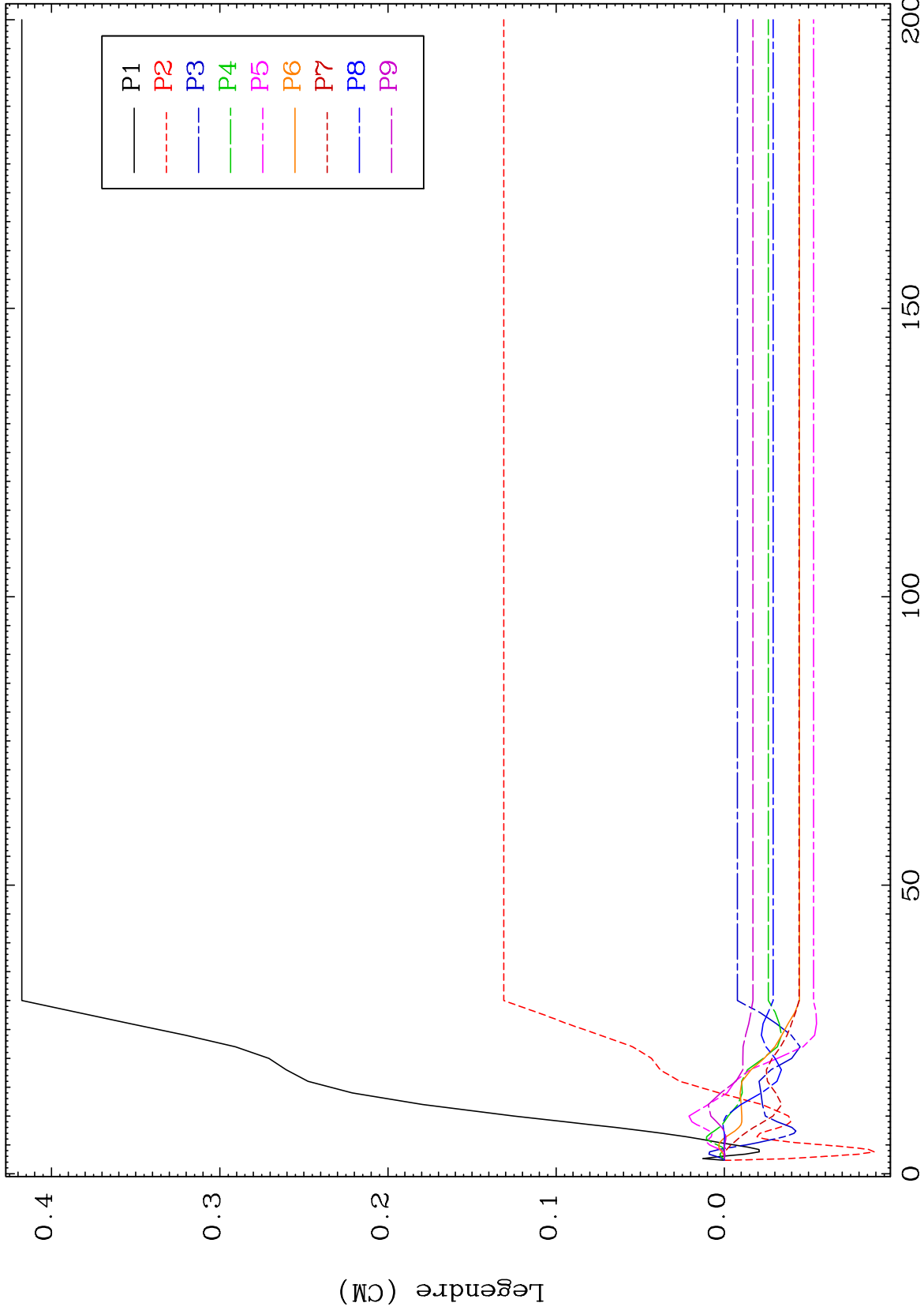
52-Te-124



MAT 5237

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

52-Te-124



78

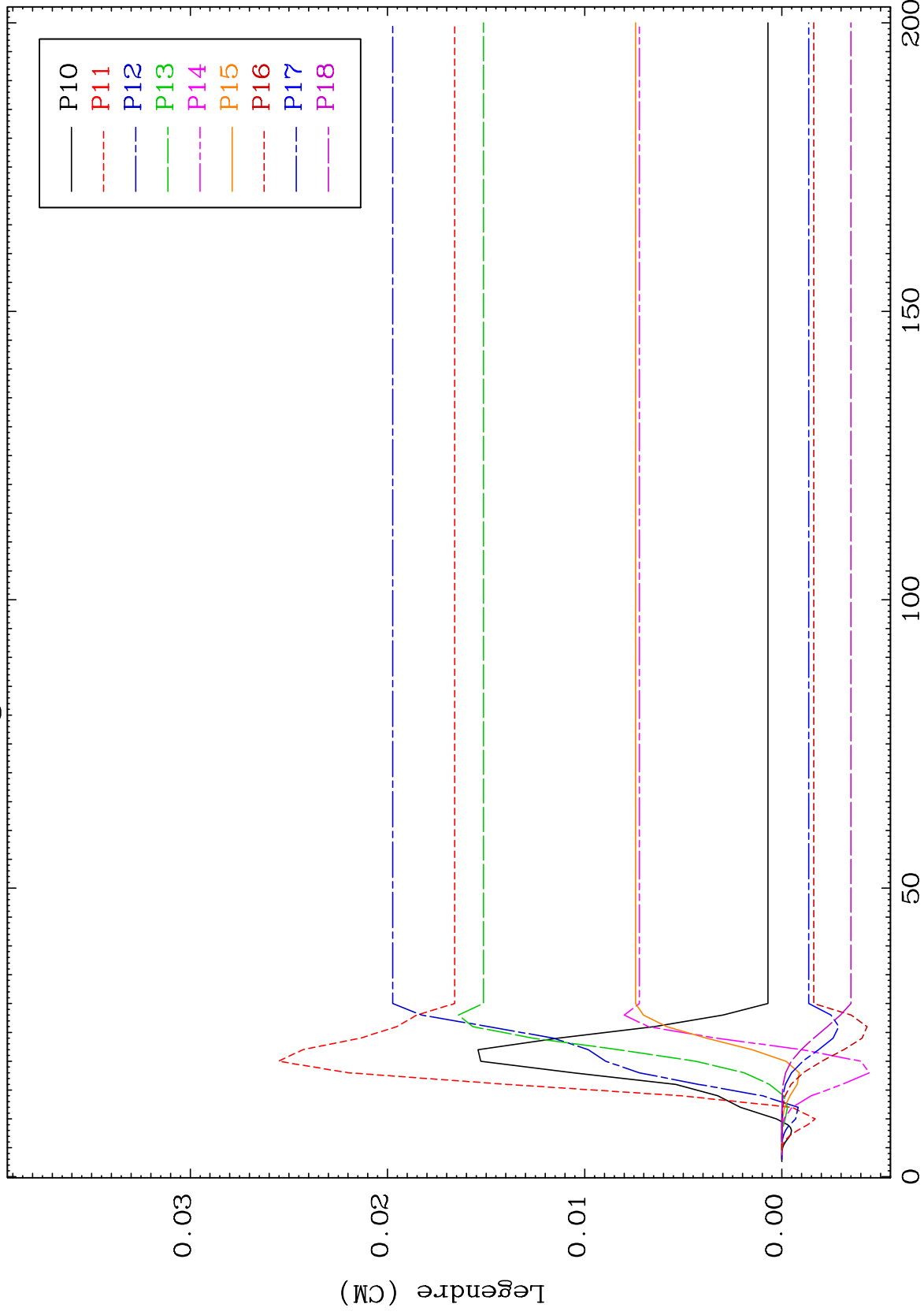
Incident Energy (MeV)

52-Te-124

MAT 5237

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

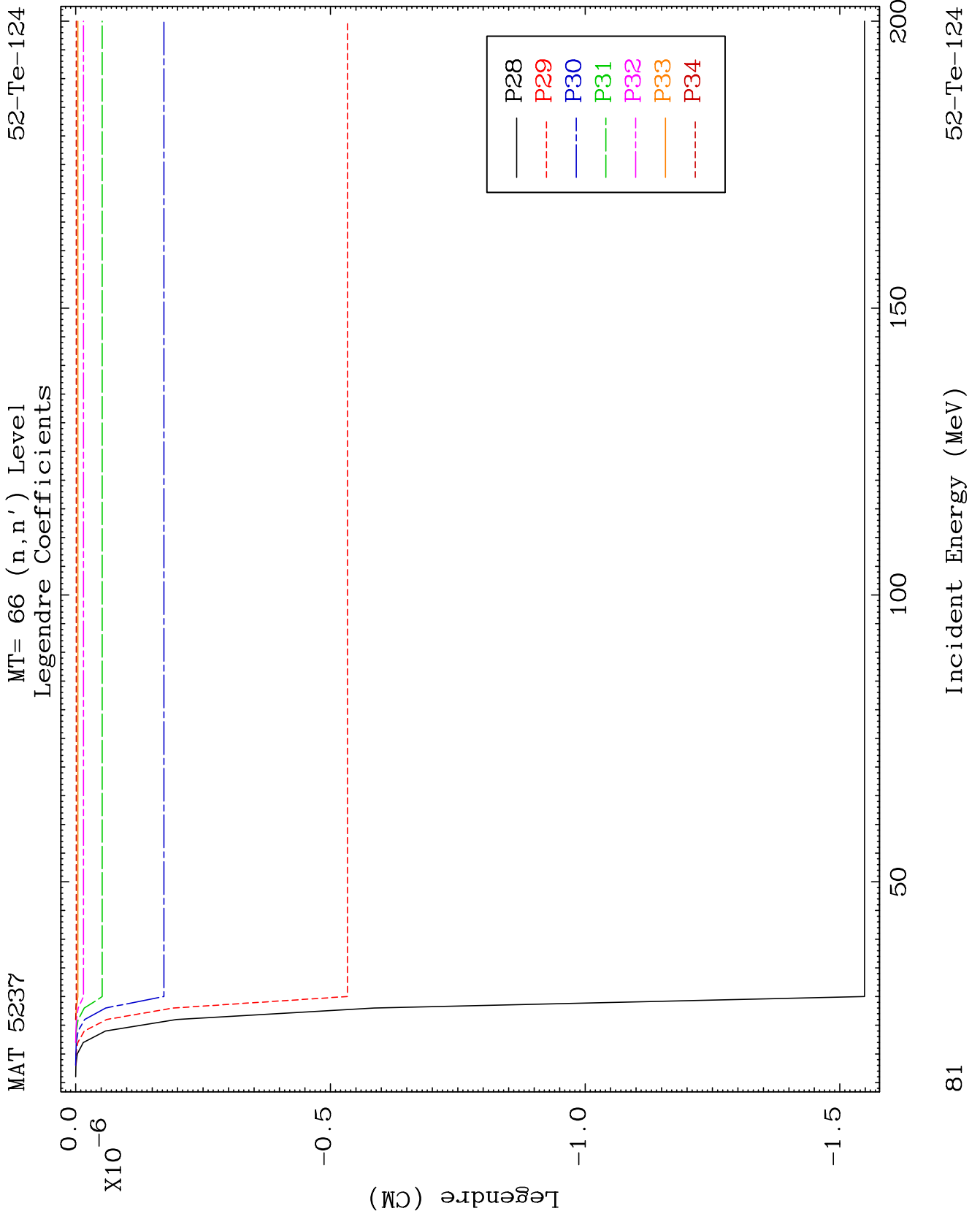
52-Te-124

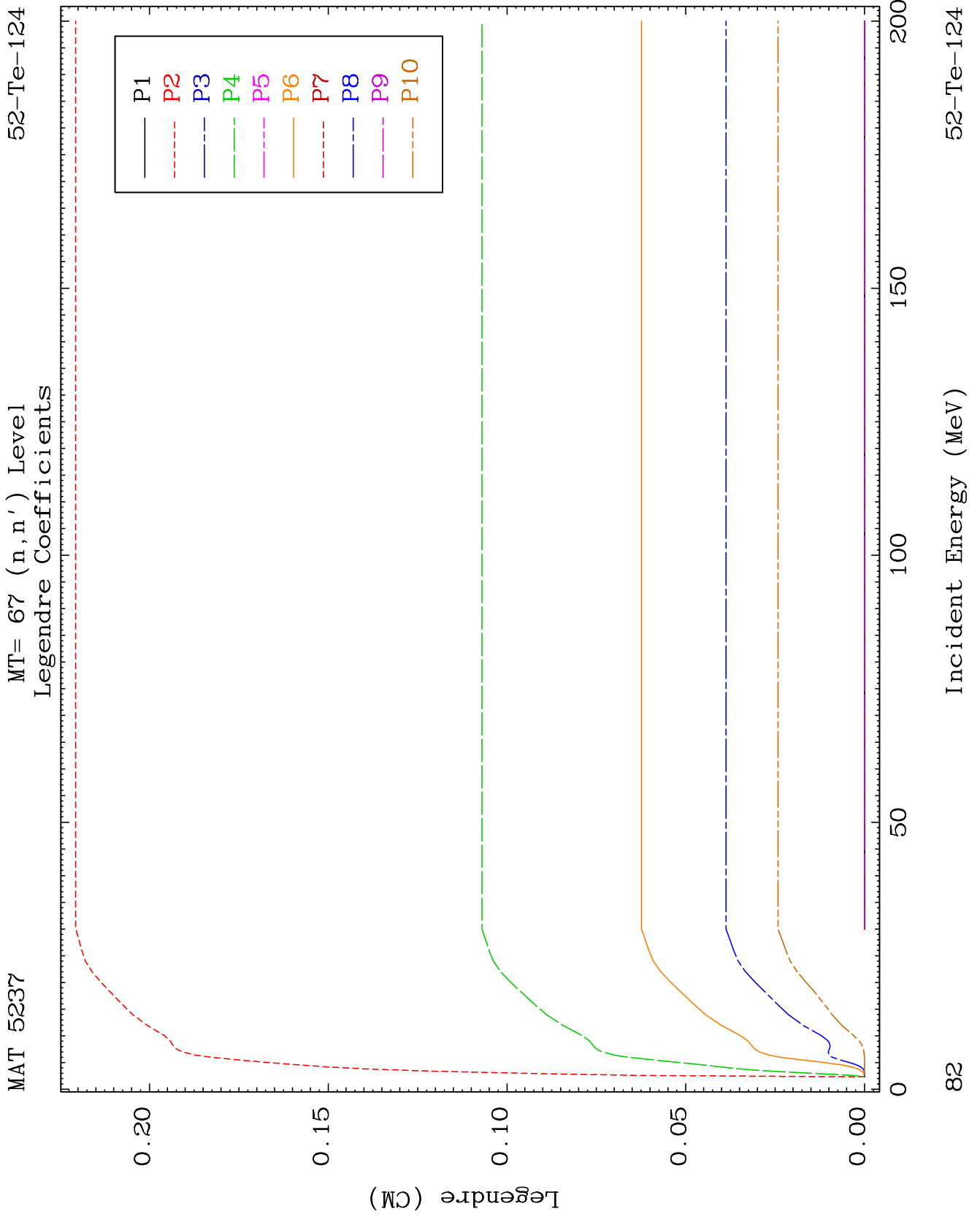


79

Incident Energy (MeV)

52-Te-124

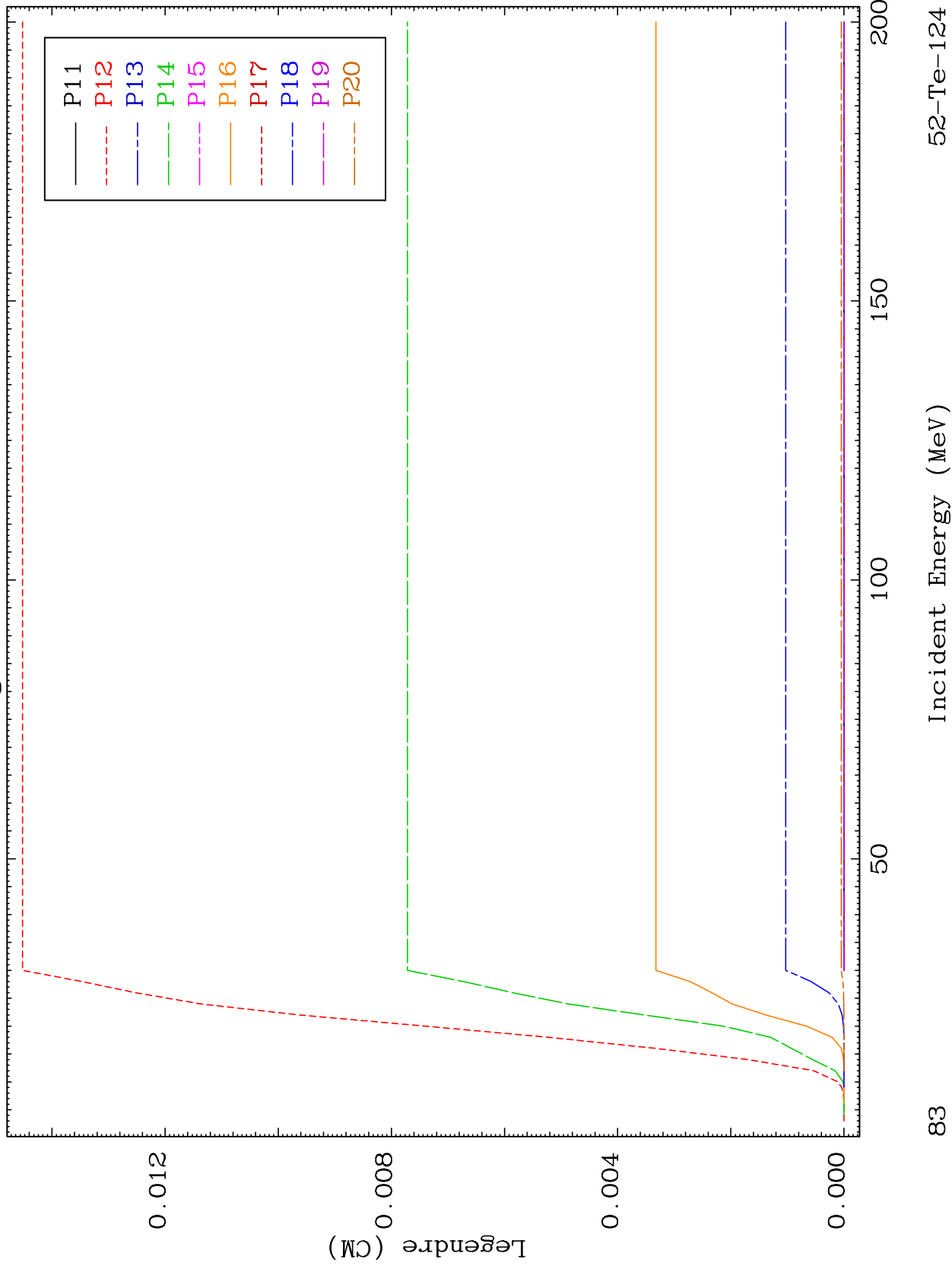




MAT 5237

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

52-Te-124



83

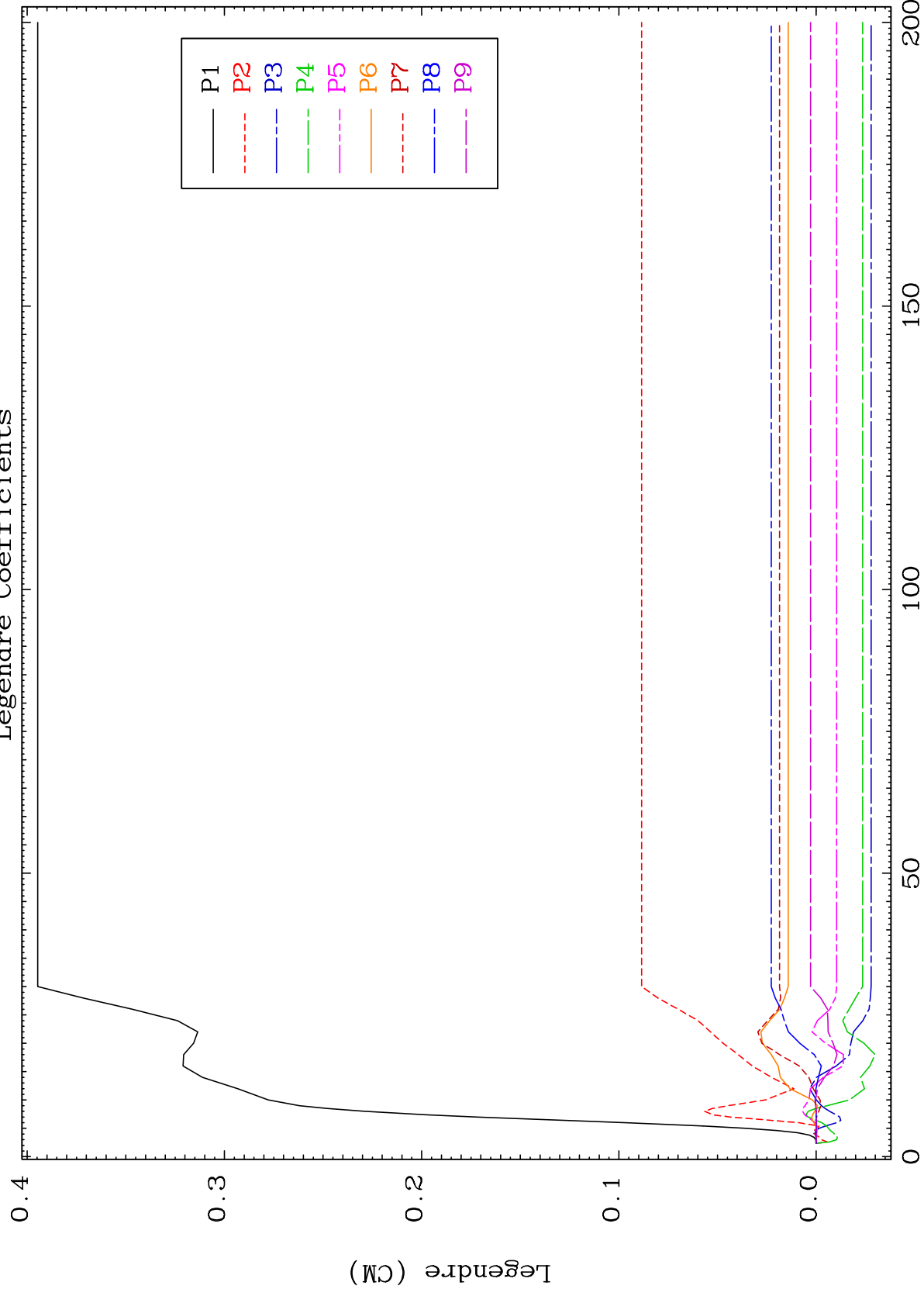
52-Te-124

MAT 5237

MT= 68 (n,n') Level

52-Te-124

Legendre Coefficients



85

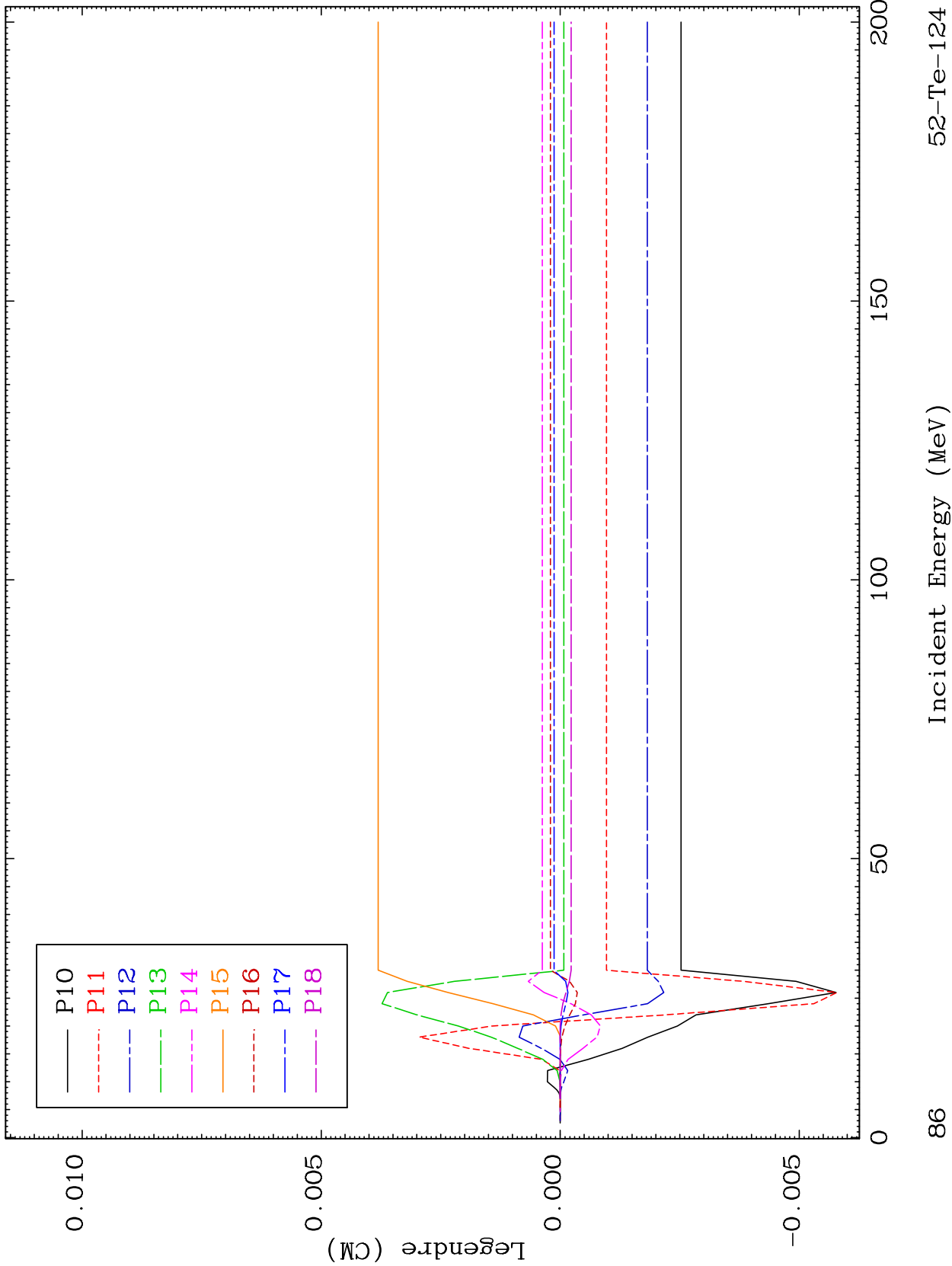
52-Te-124

52-Te-124

MAT 5237

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

52-Te-124

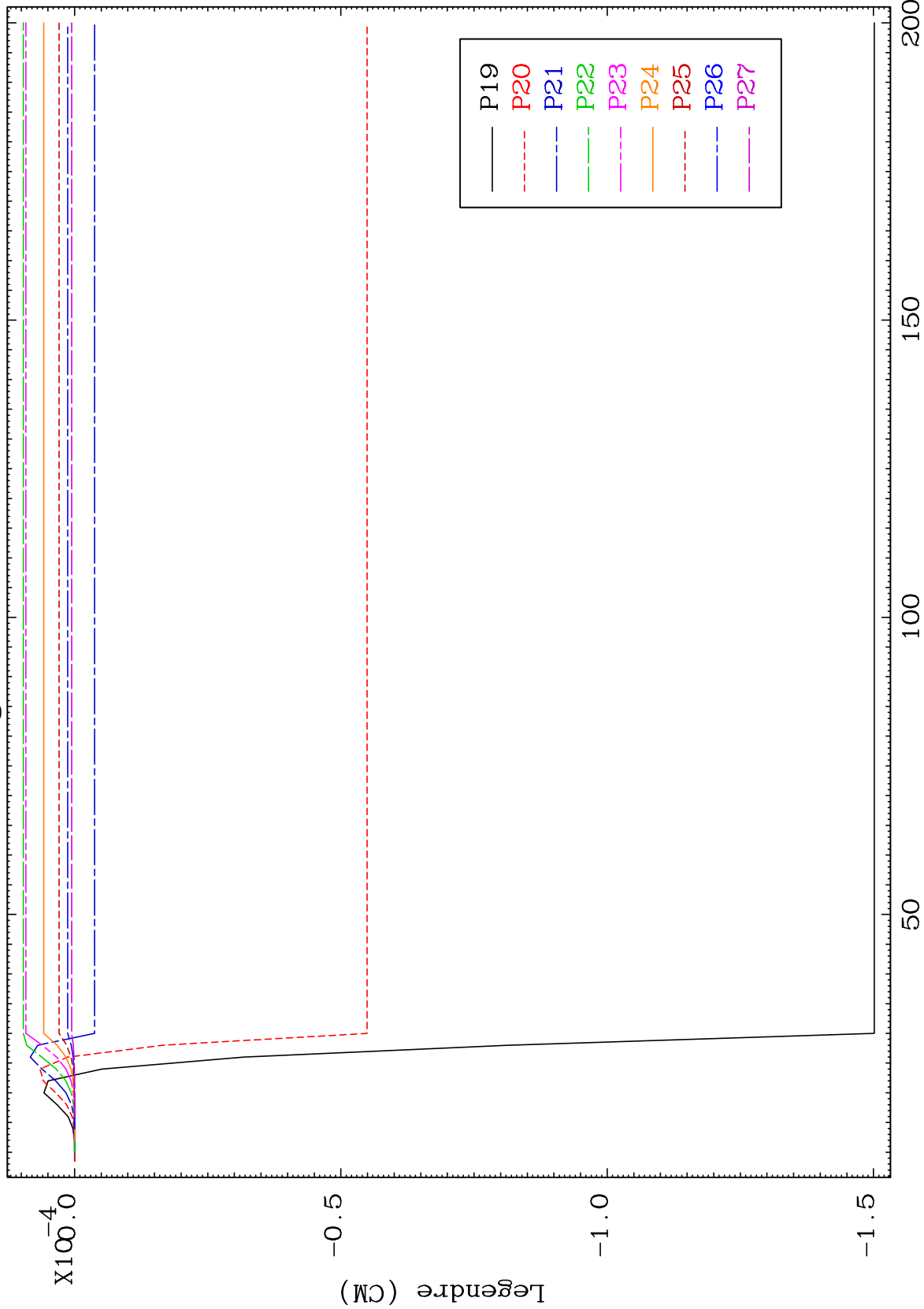


MAT 5237

MT= 68 (n,n') Level

52-Te-124

Legendre Coefficients



87

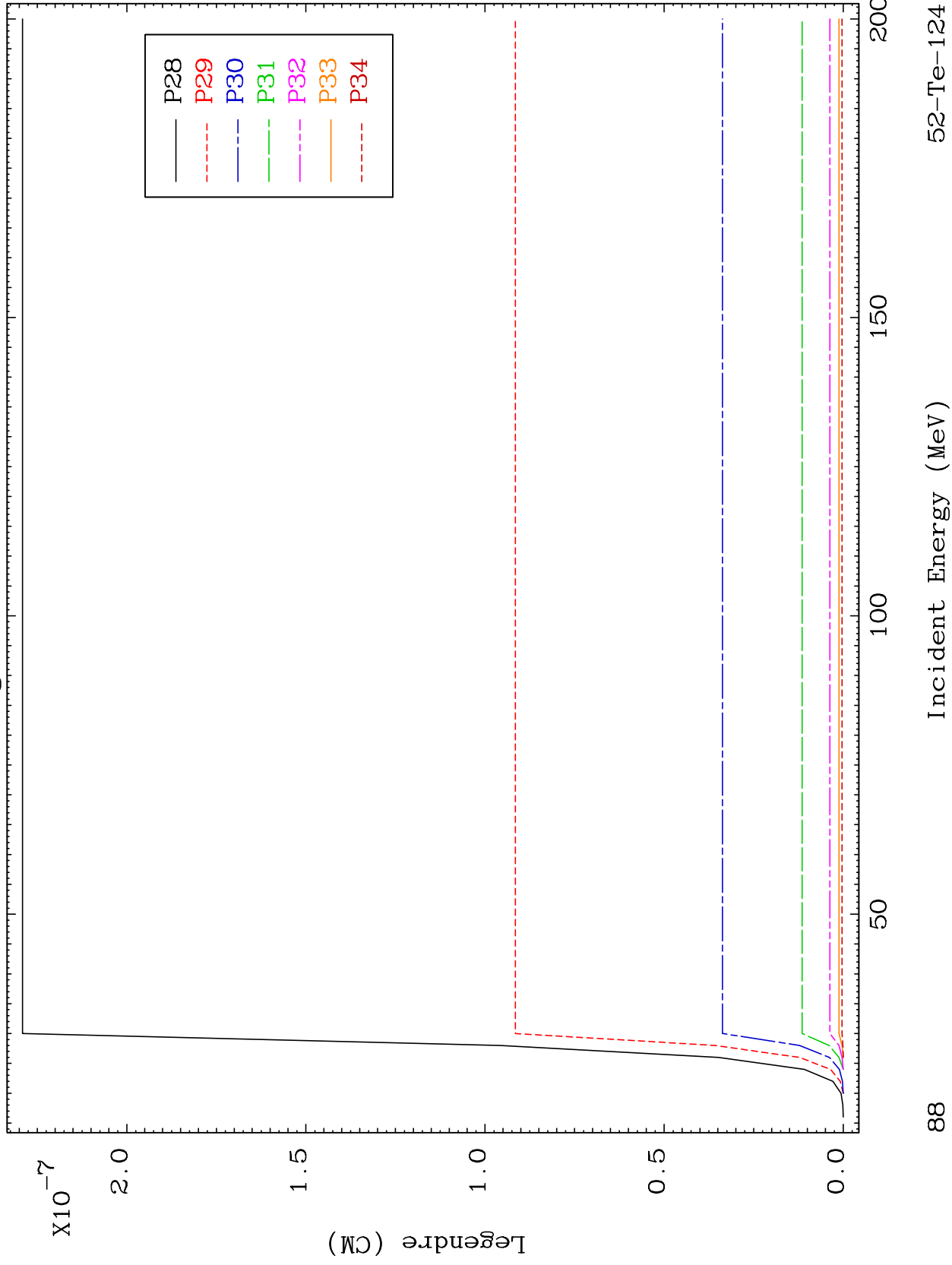
Incident Energy (MeV)

52-Te-124

MAT 5237

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

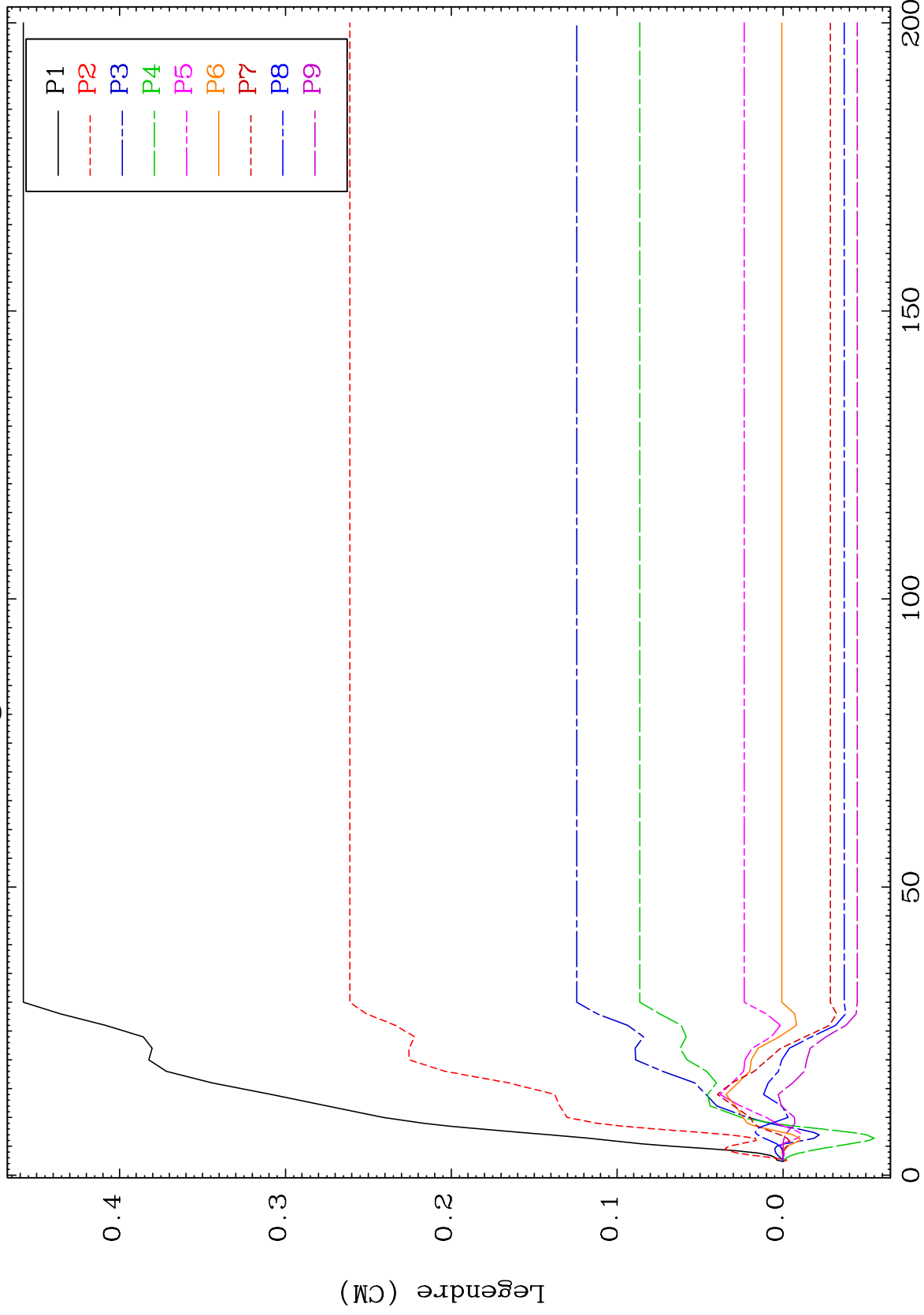
52-Te-124



MAT 5237

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

52-Te-124



89

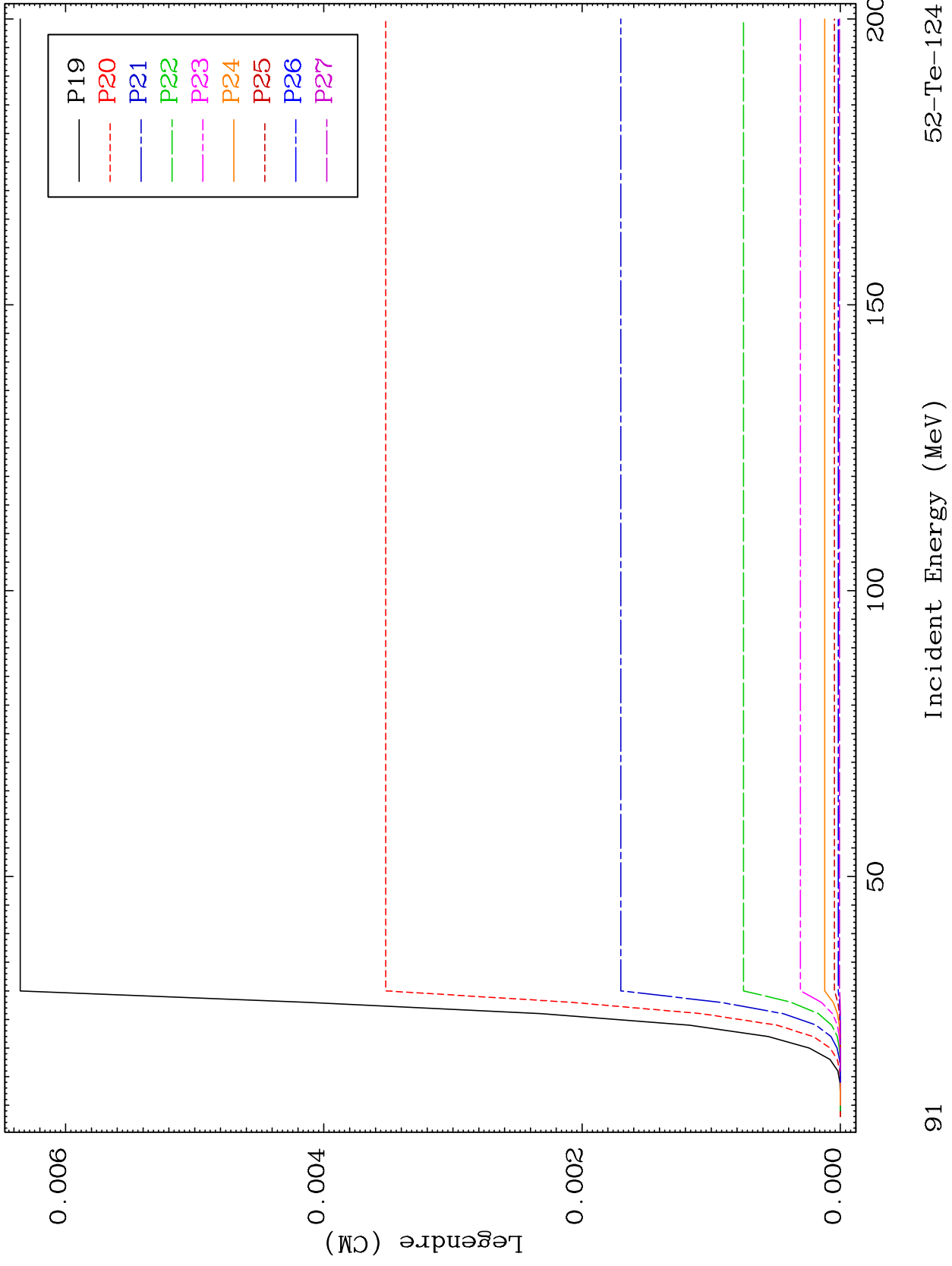
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



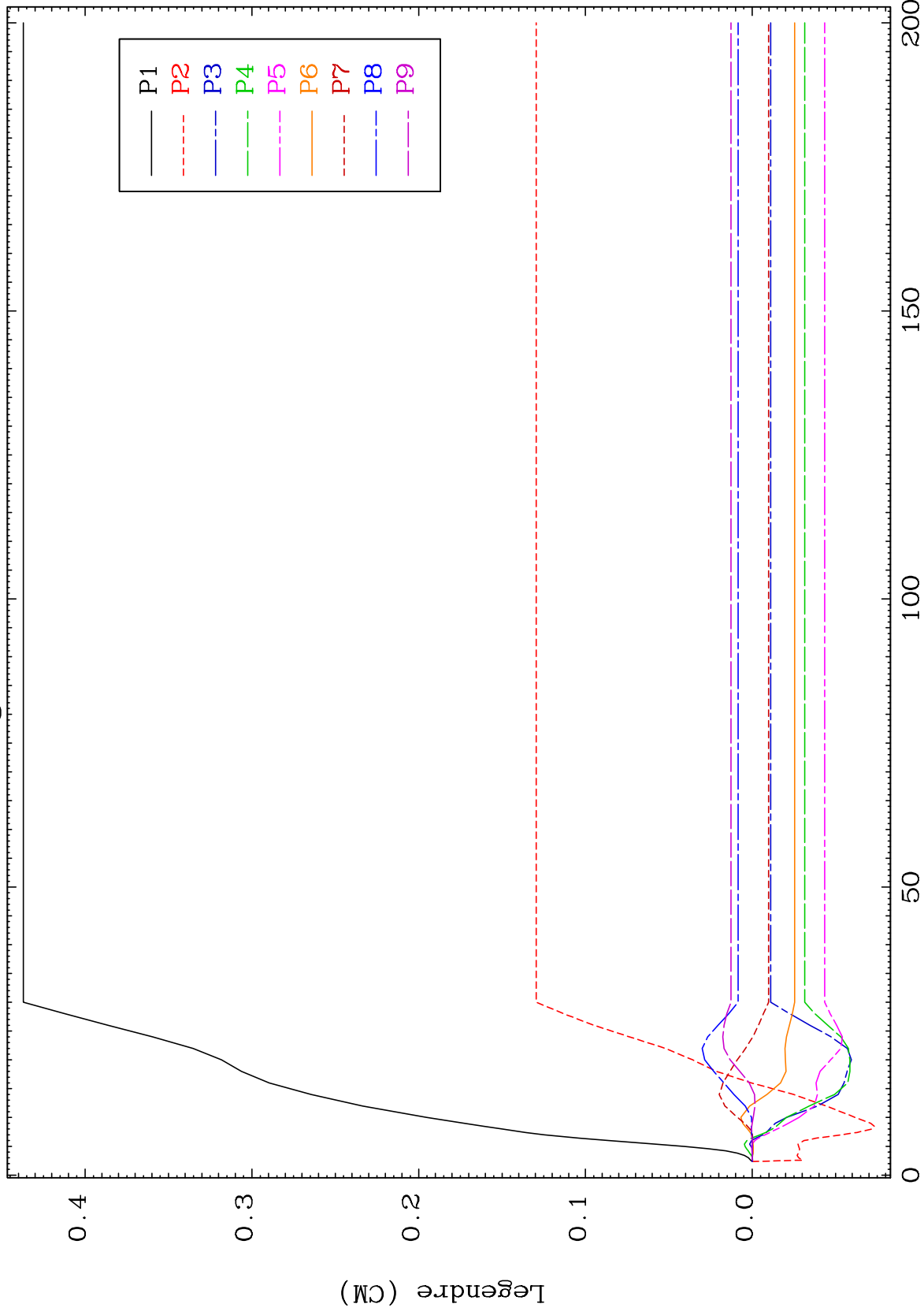
91

52-Te-124

MAT 5237

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

52-Te-124



93

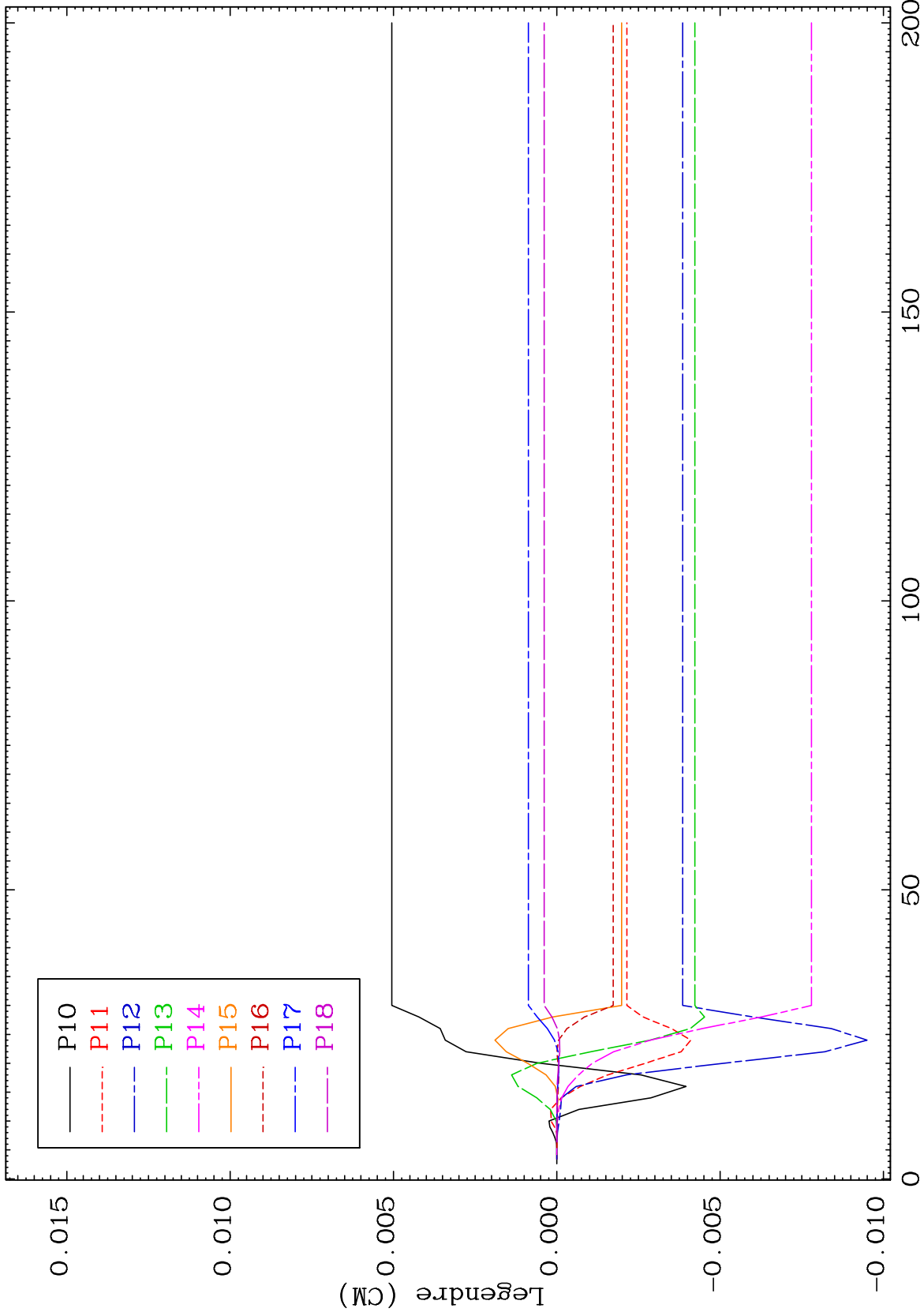
Incident Energy (MeV)

52-Te-124

MAT 5237

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

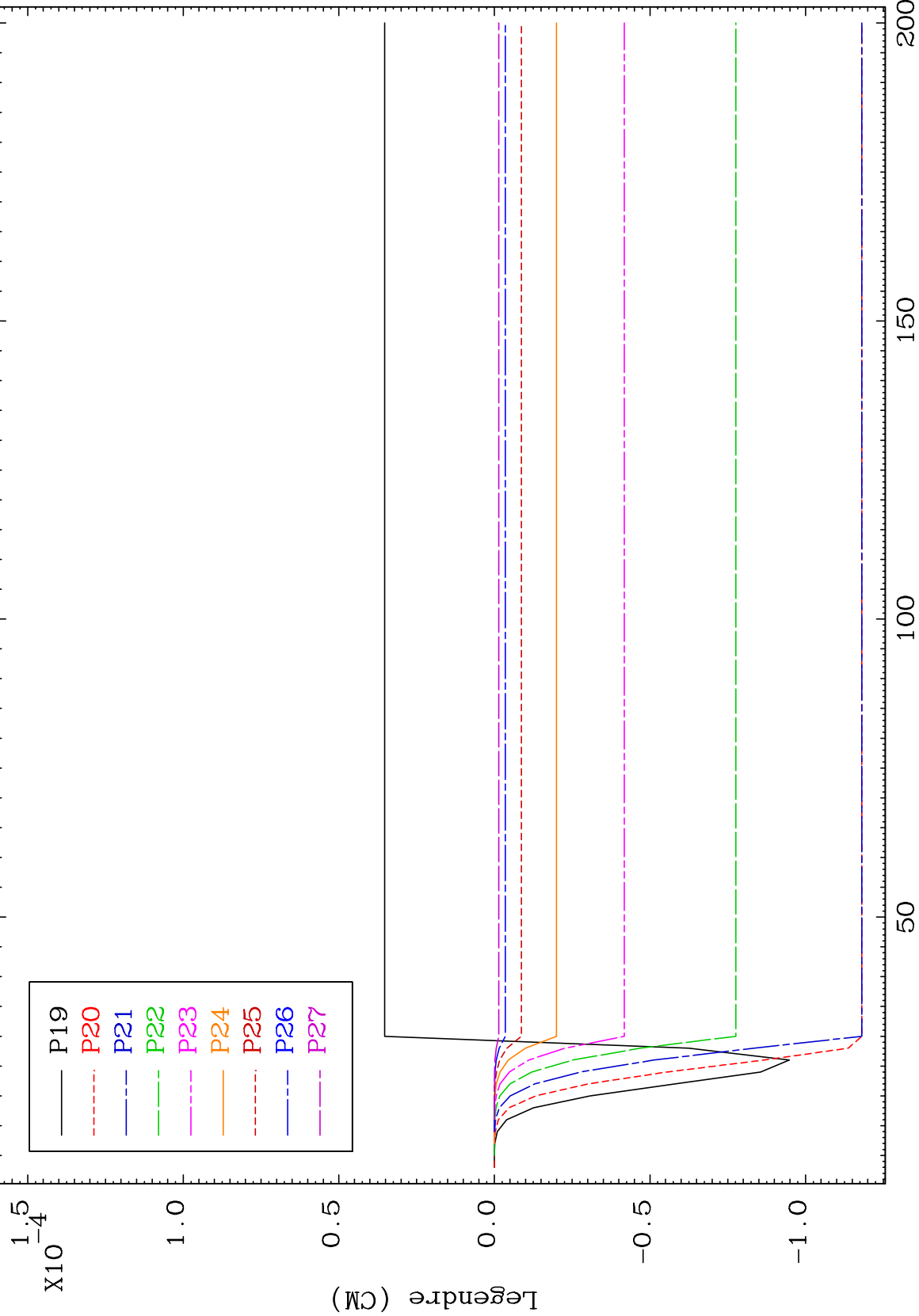
52-Te-124



MAT 5237

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

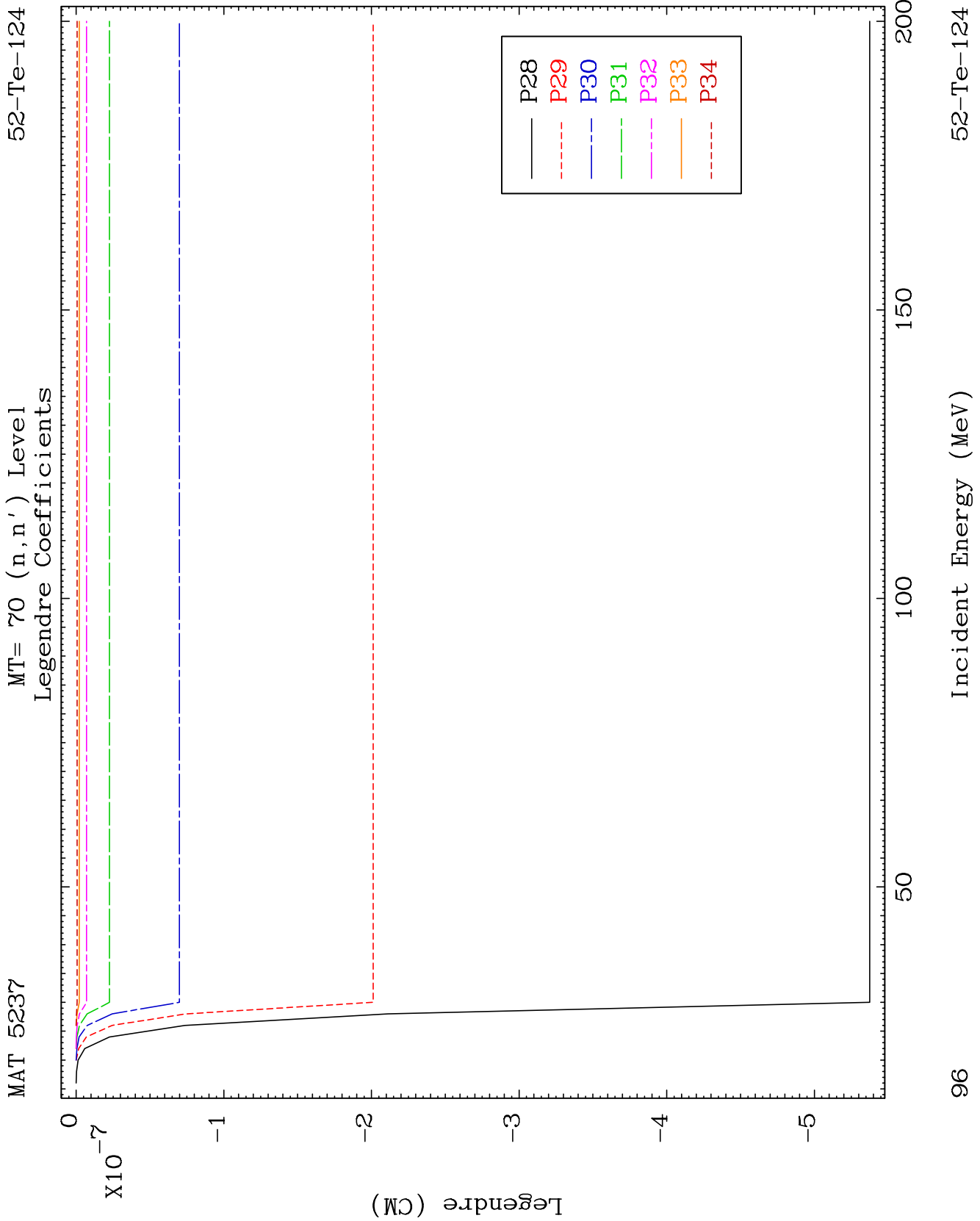
52-Te-124



95

Incident Energy (MeV)

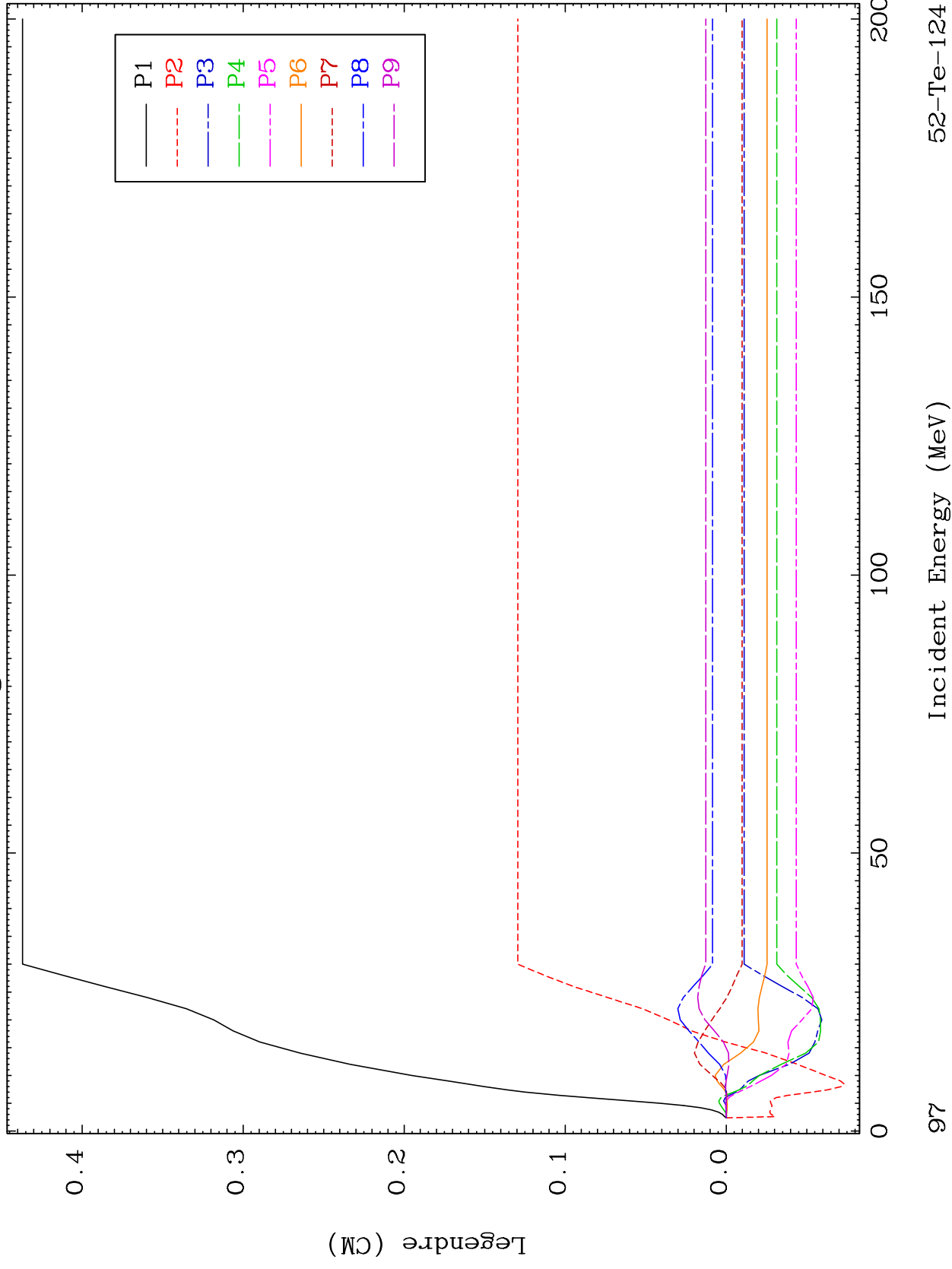
52-Te-124



MAT 5237

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

52-Te-124

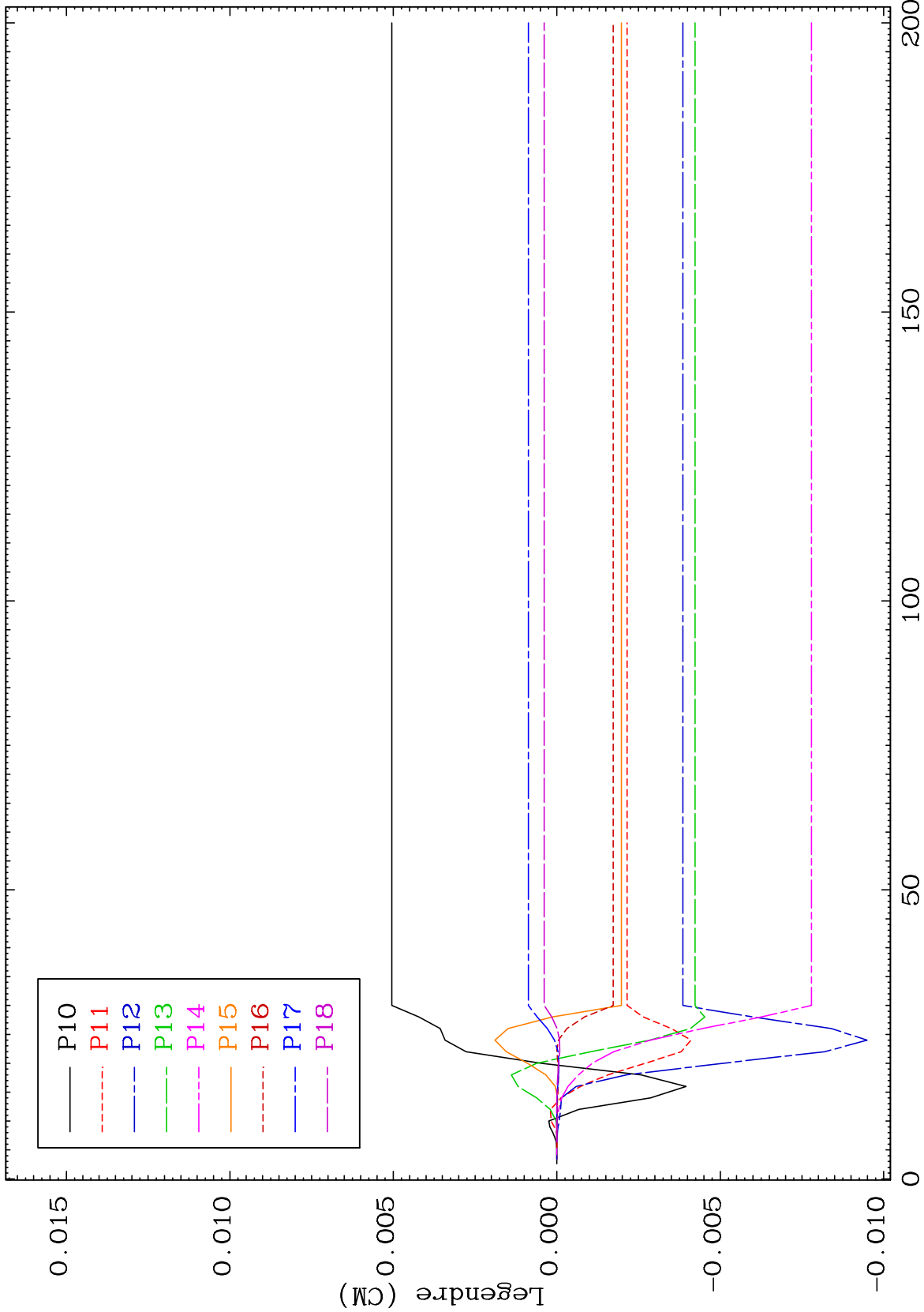


52-Te-124

MAT 5237

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

52-Te-124



98

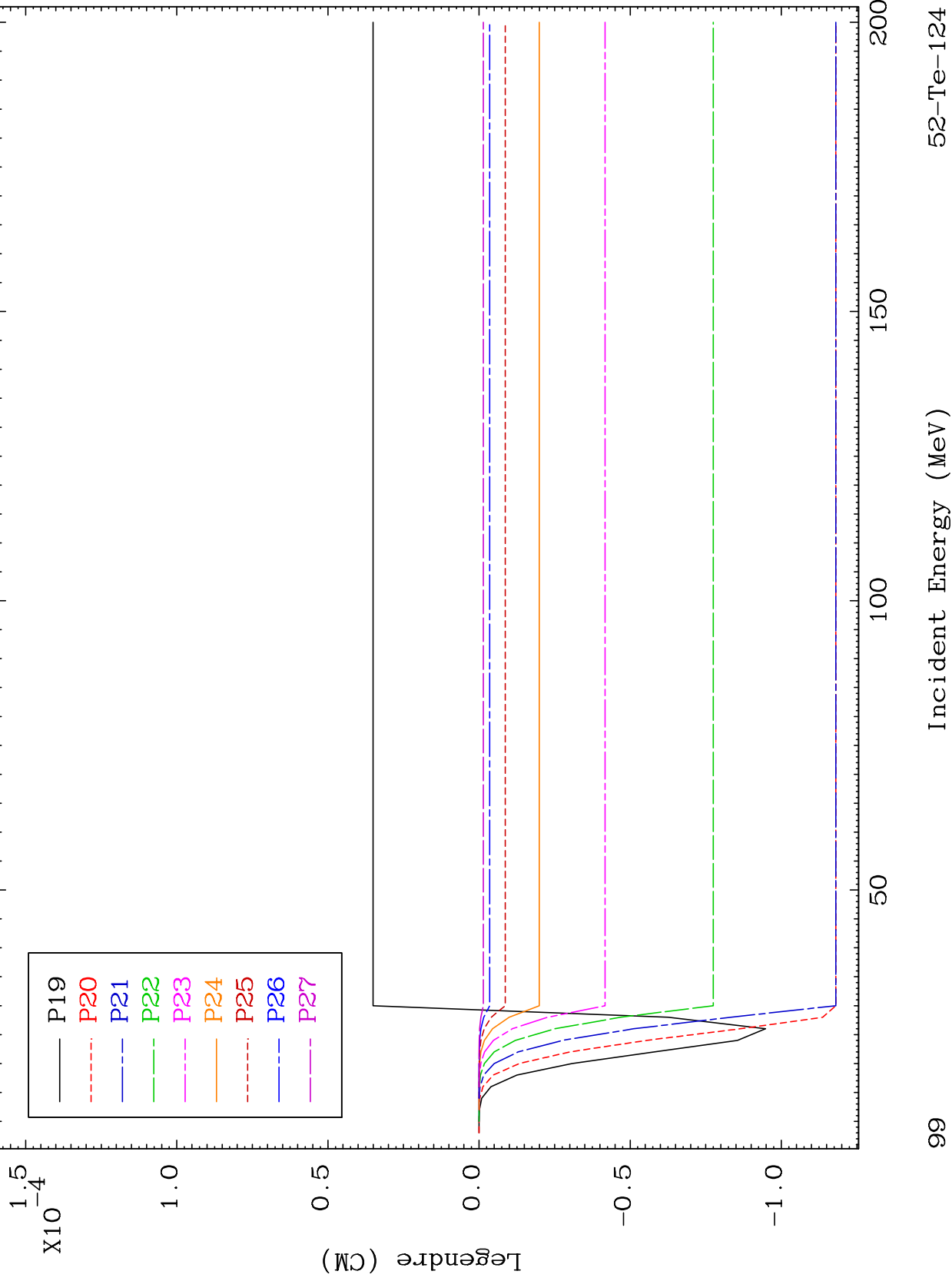
Incident Energy (MeV)

52-Te-124

MAT 5237

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

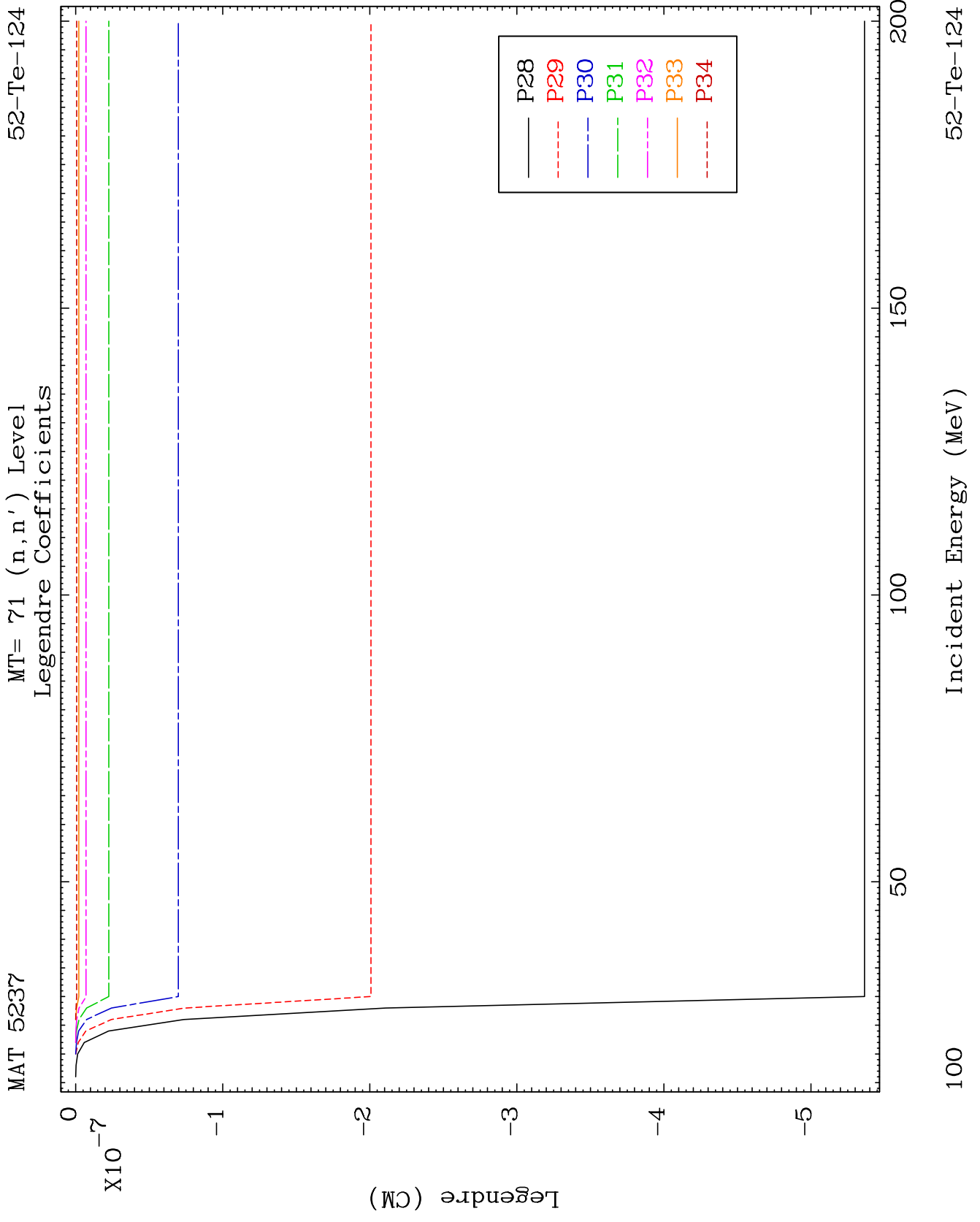
52-Te-124



99

Incident Energy (MeV)

52-Te-124

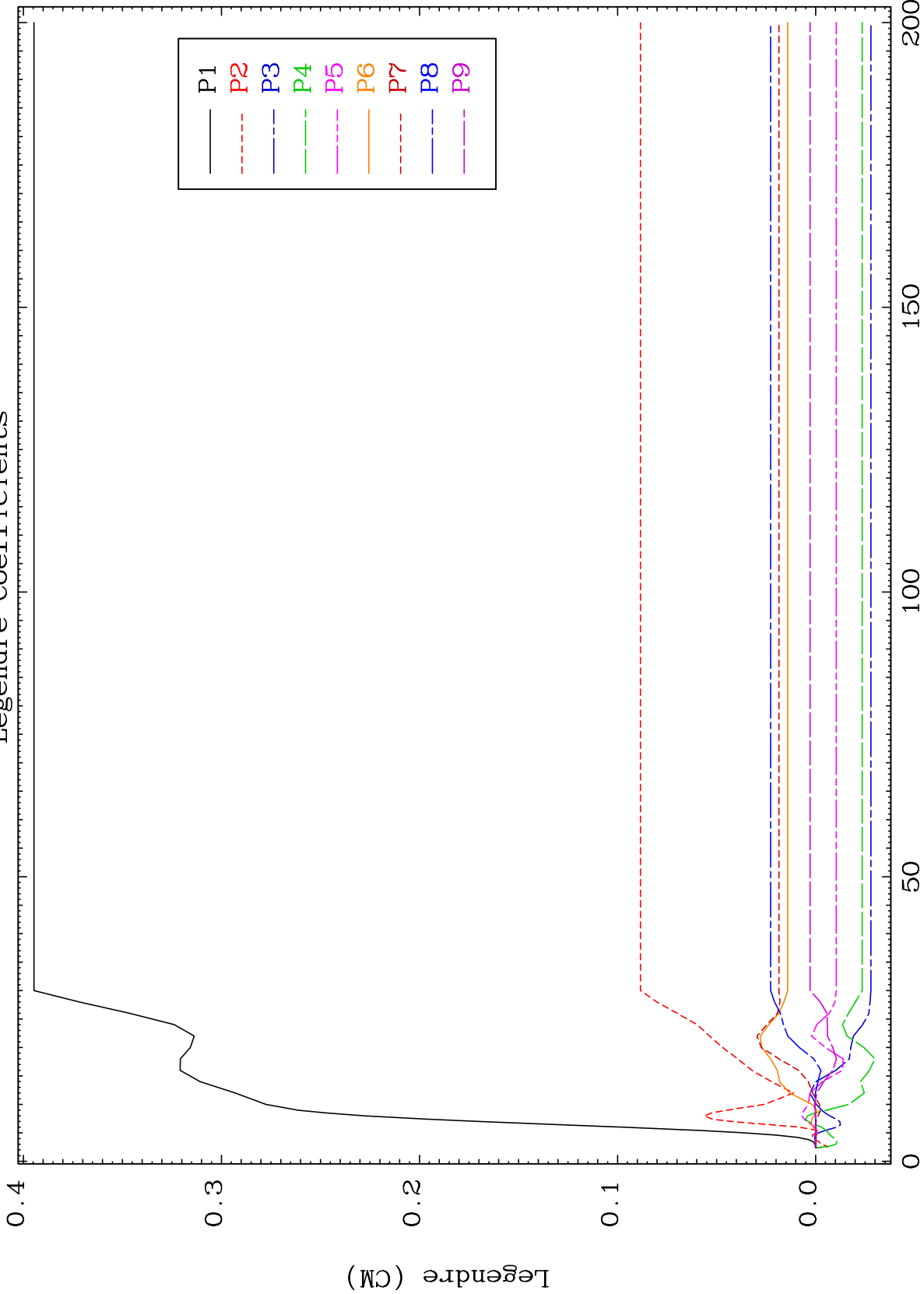


MAT 5237

MT= 72 (n,n') Level

52-Te-124

Legendre Coefficients



101

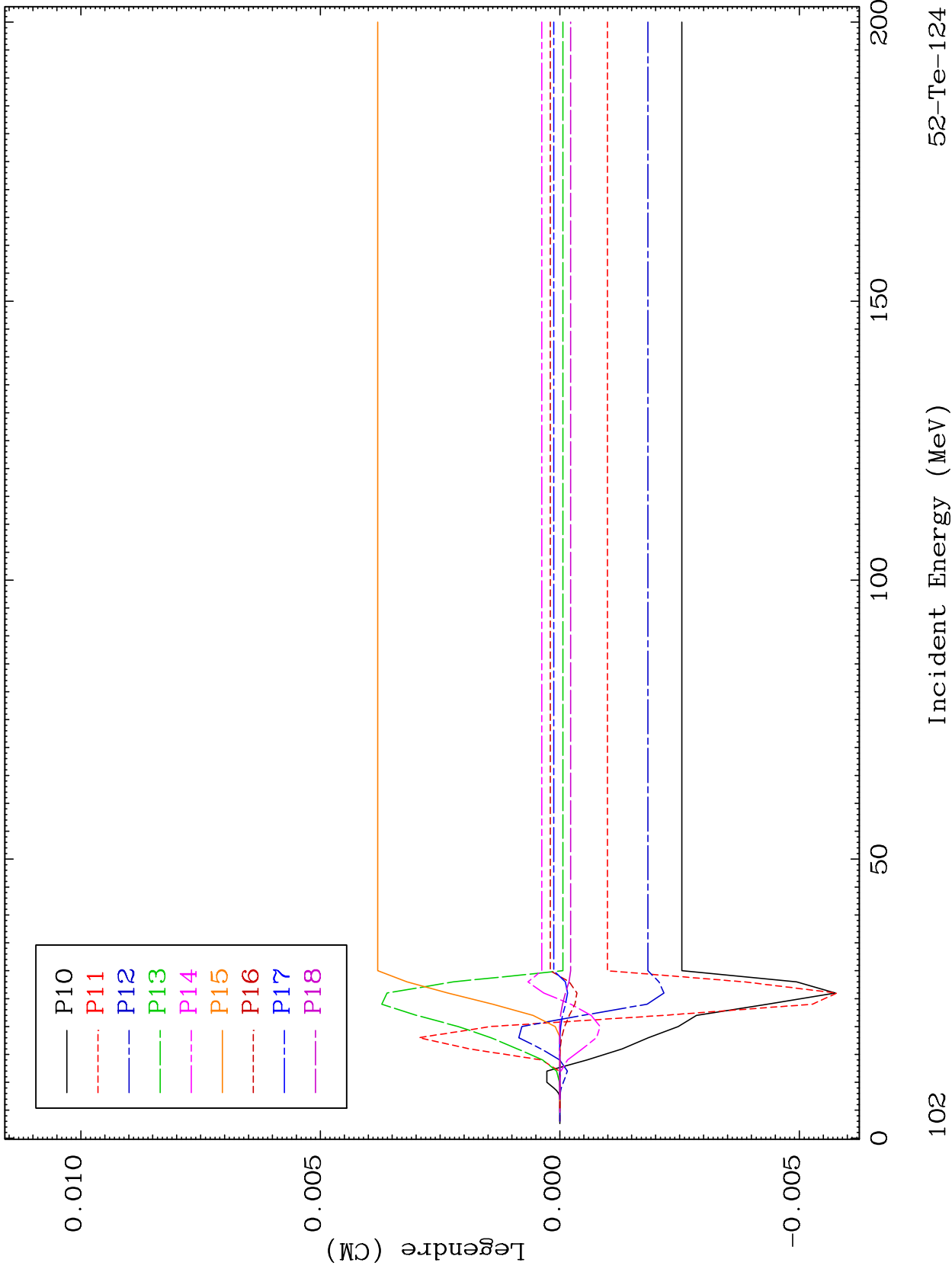
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



102

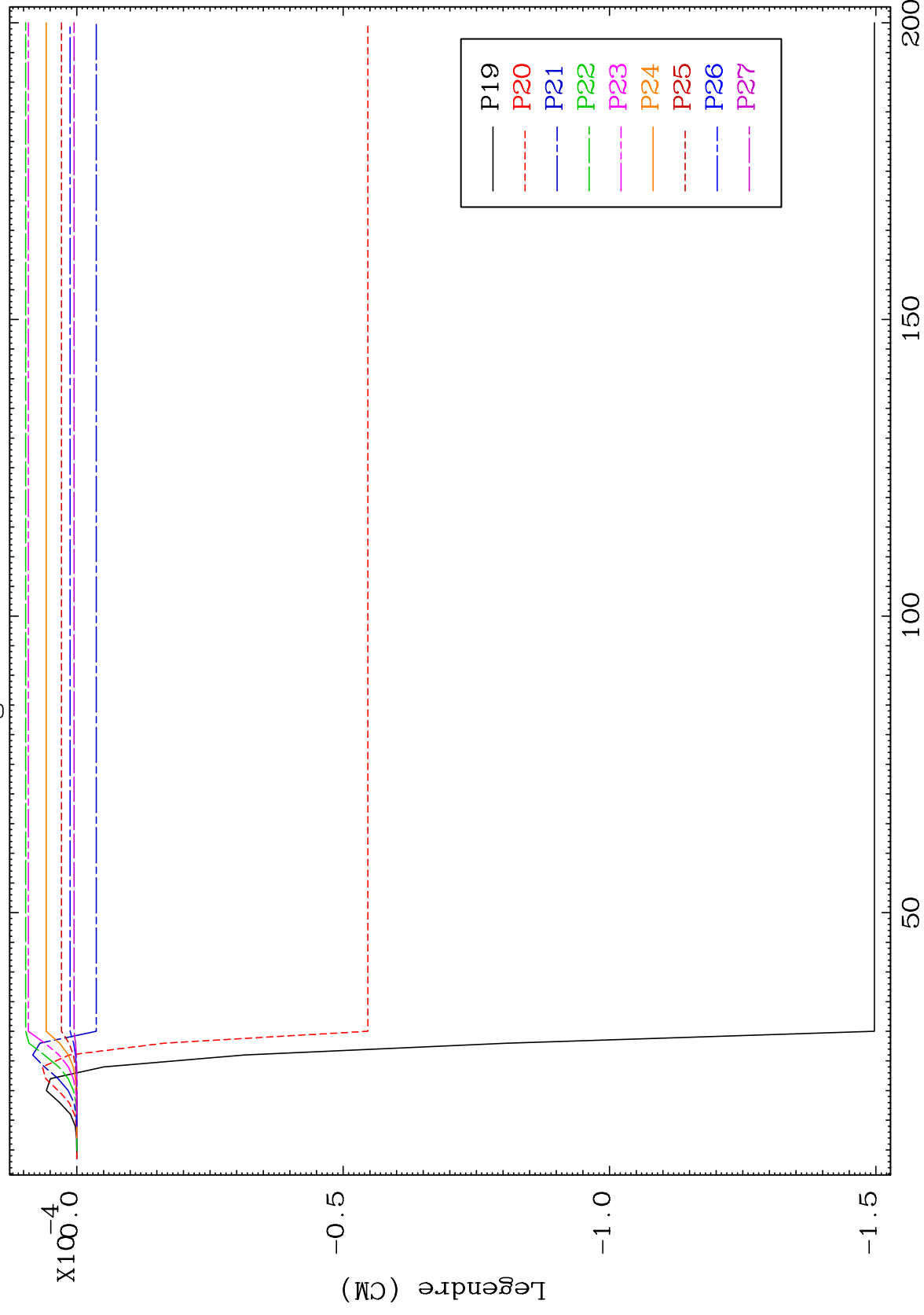
Incident Energy (MeV)

52-Te-124

MAT 5237

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

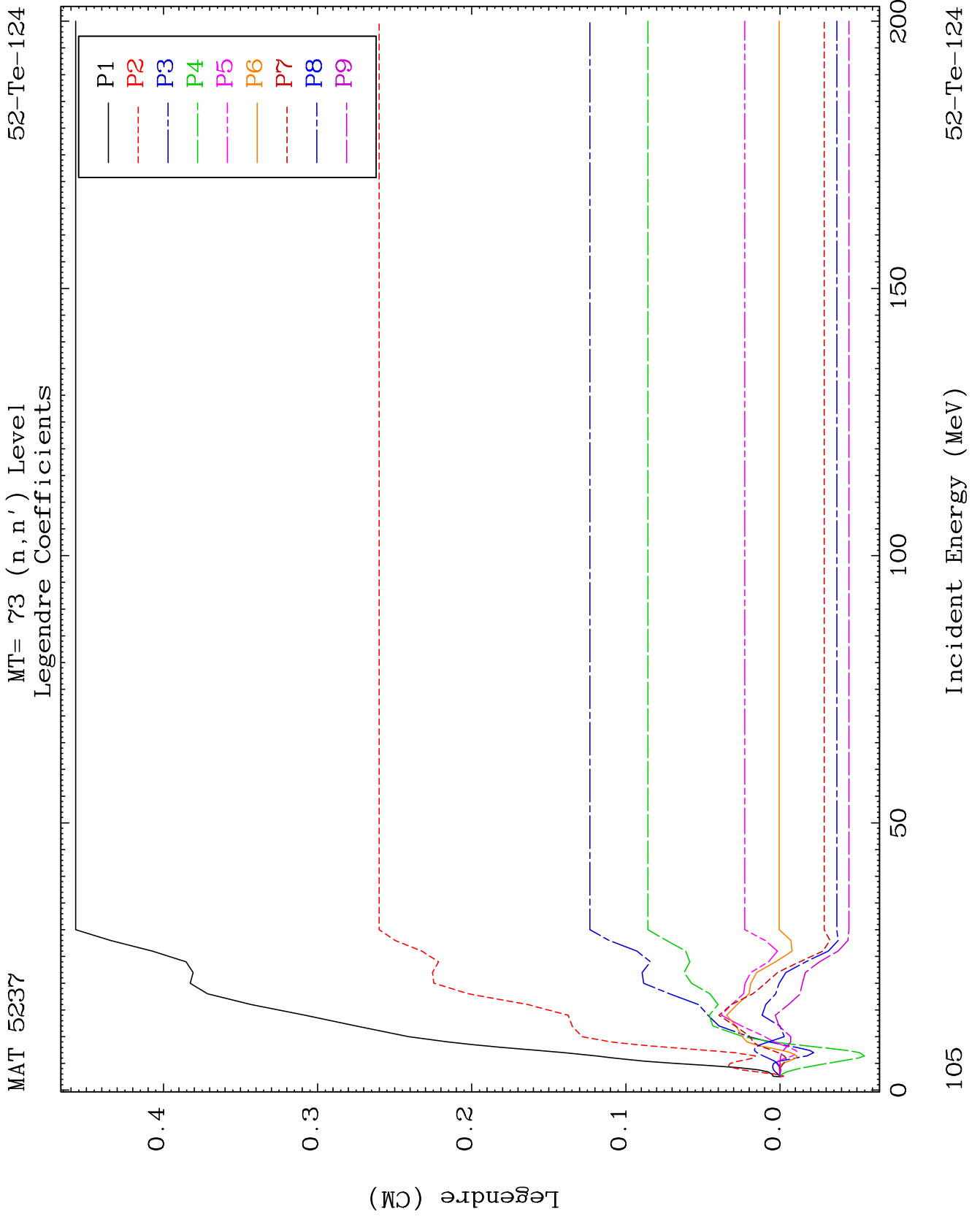
52-Te-124



103

Incident Energy (MeV)

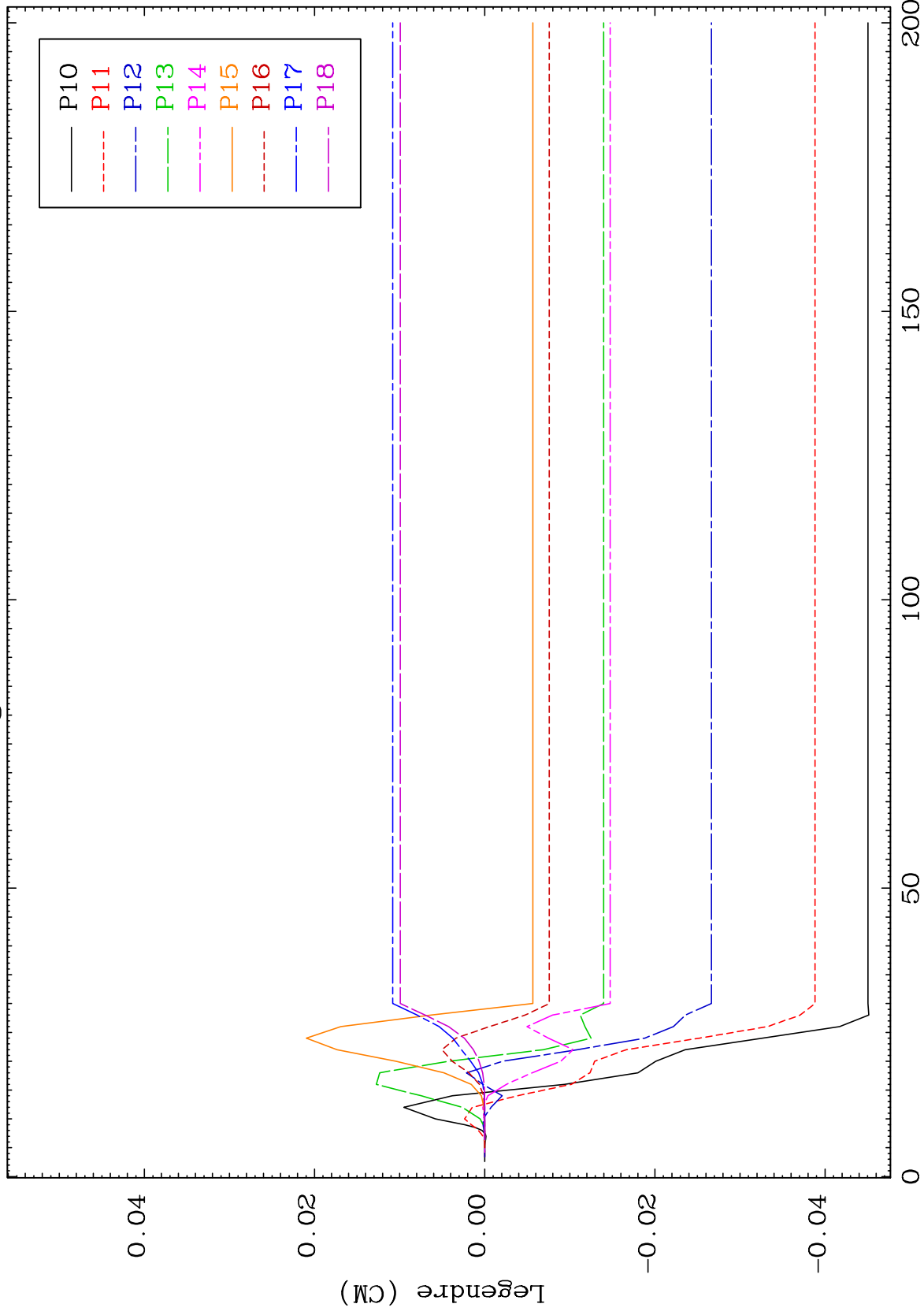
52-Te-124



MAT 5237

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

52-Te-124



106

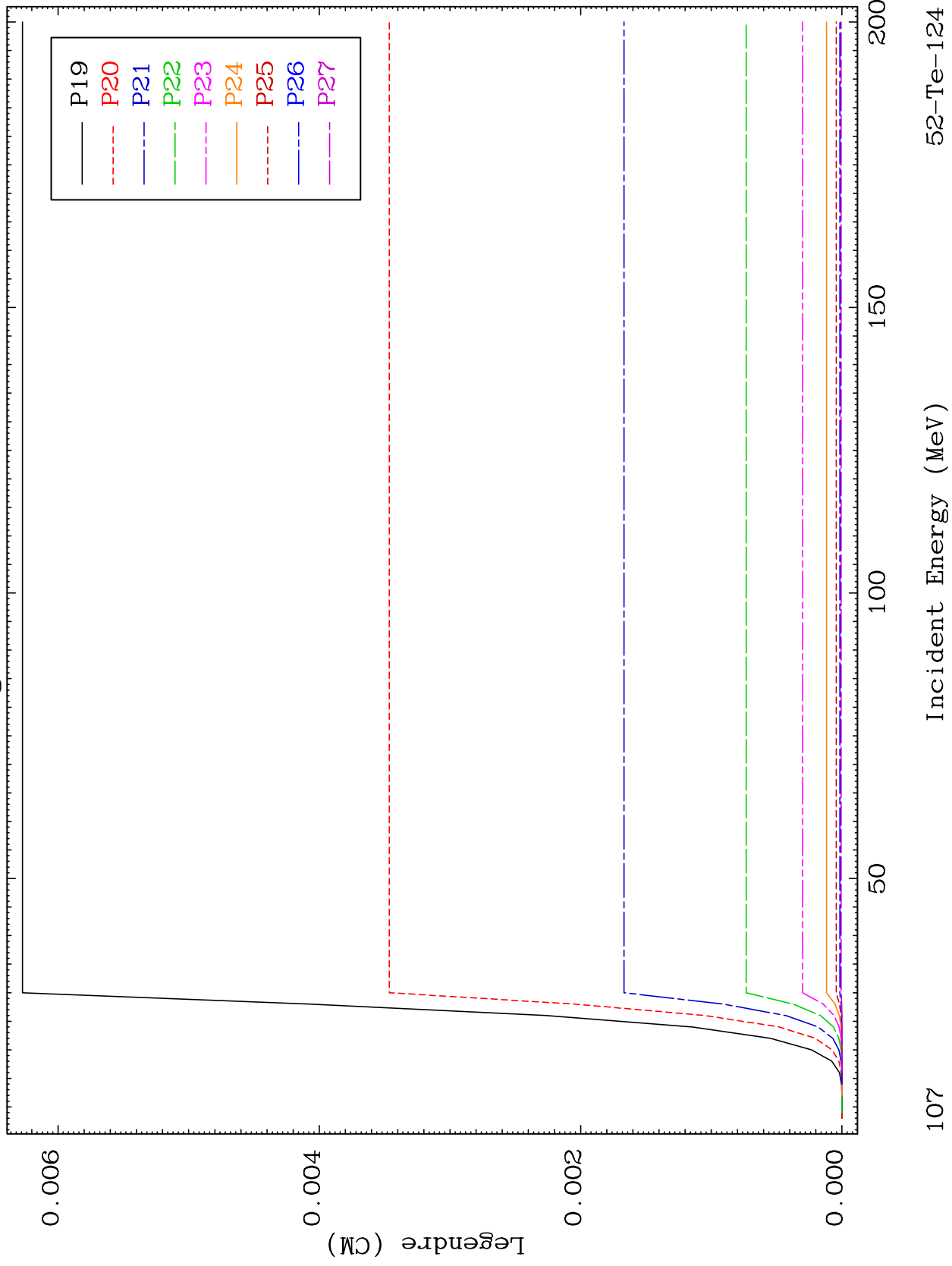
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



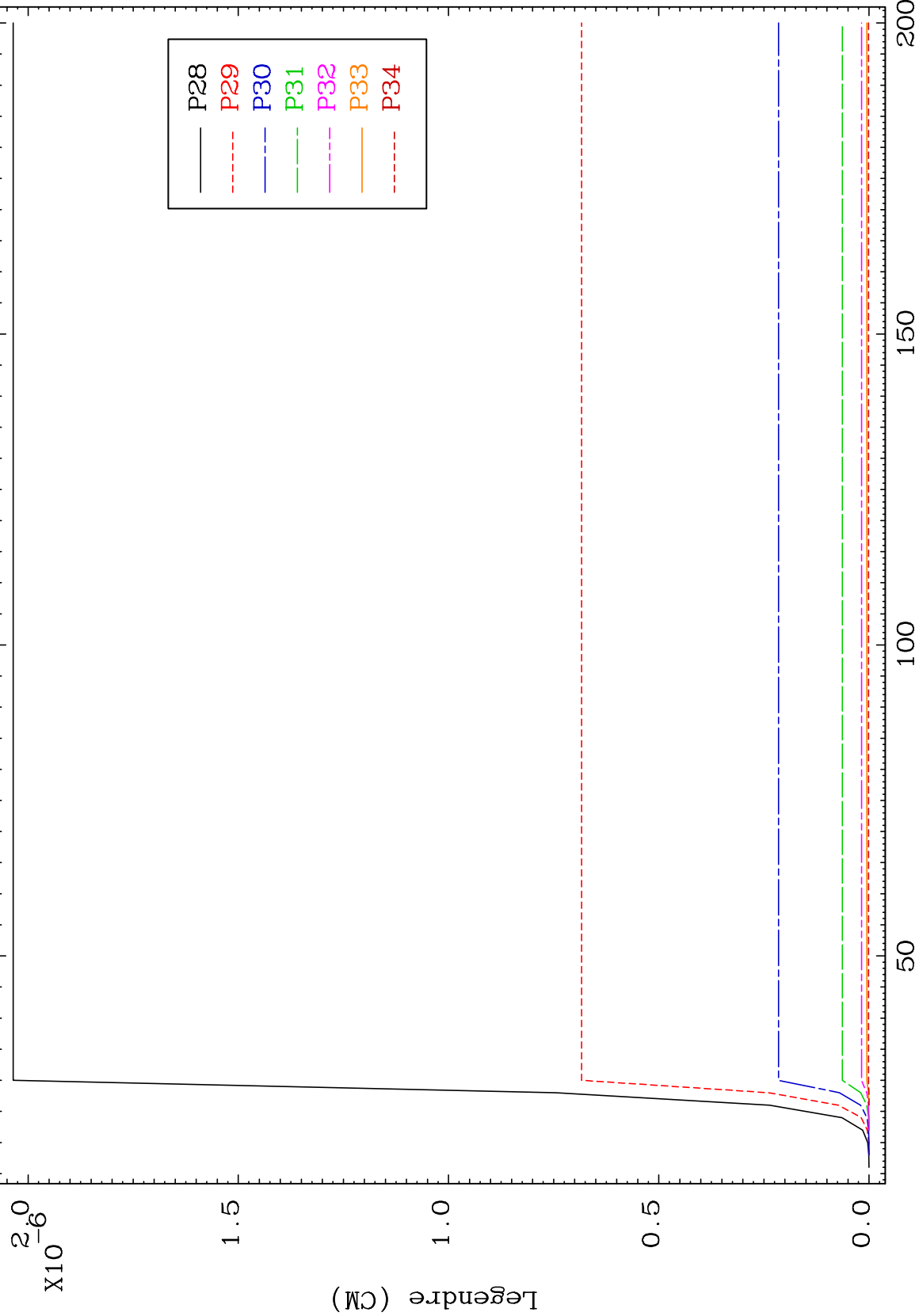
107

52-Te-124

MAT 5237

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

52-Te-124



108

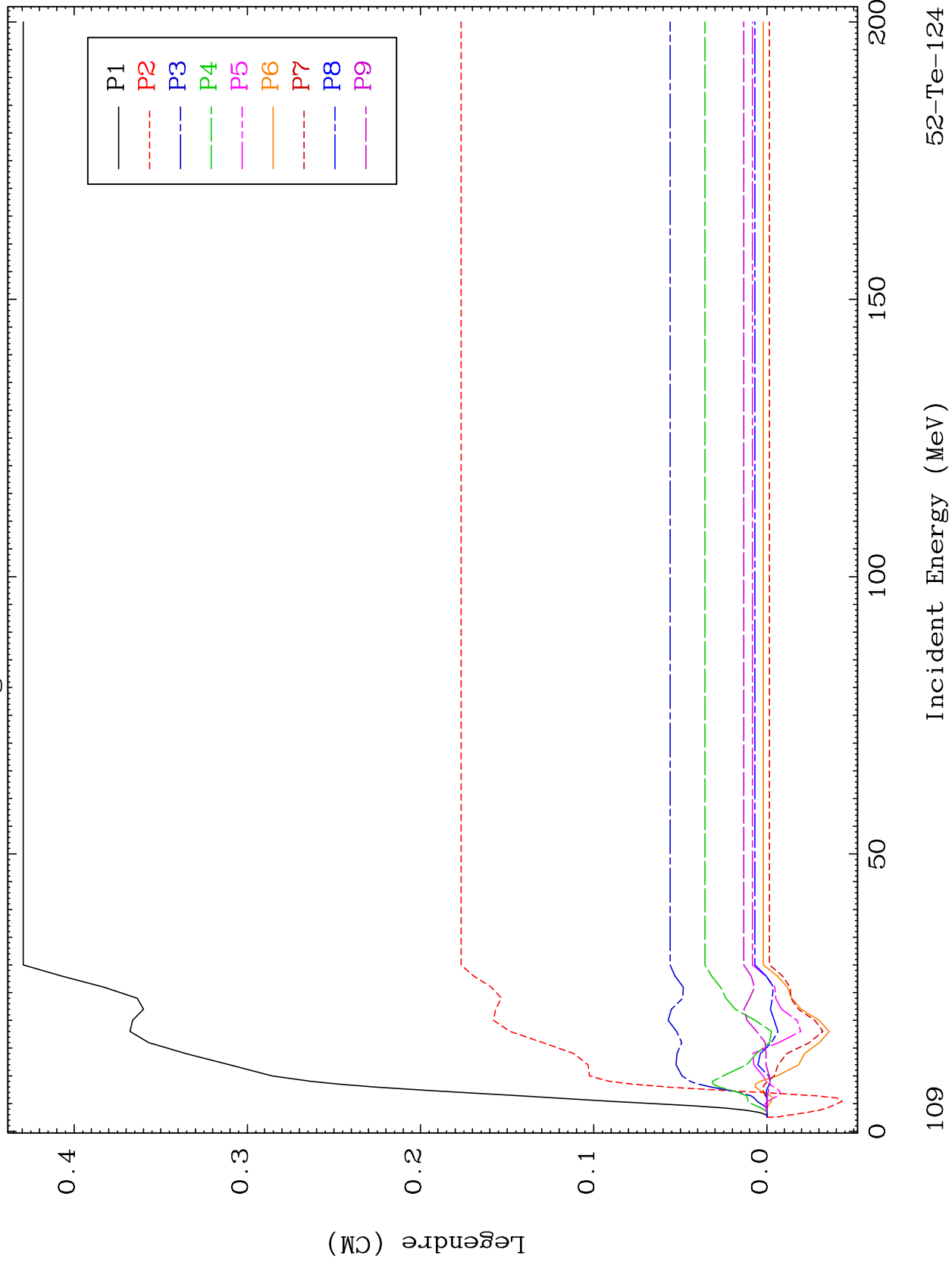
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



52-Te-124

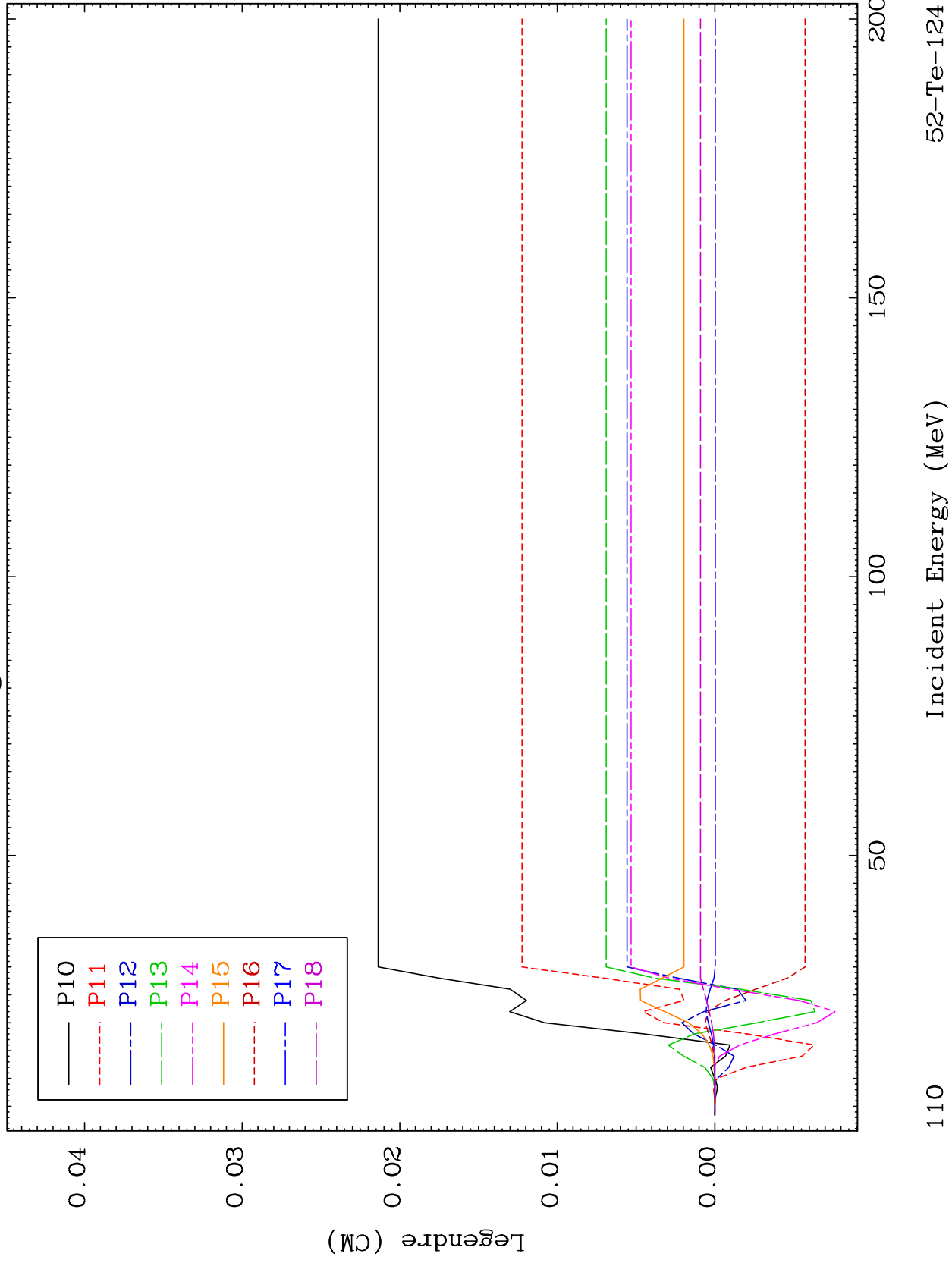
Incident Energy (MeV)

109

MAT 5237

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

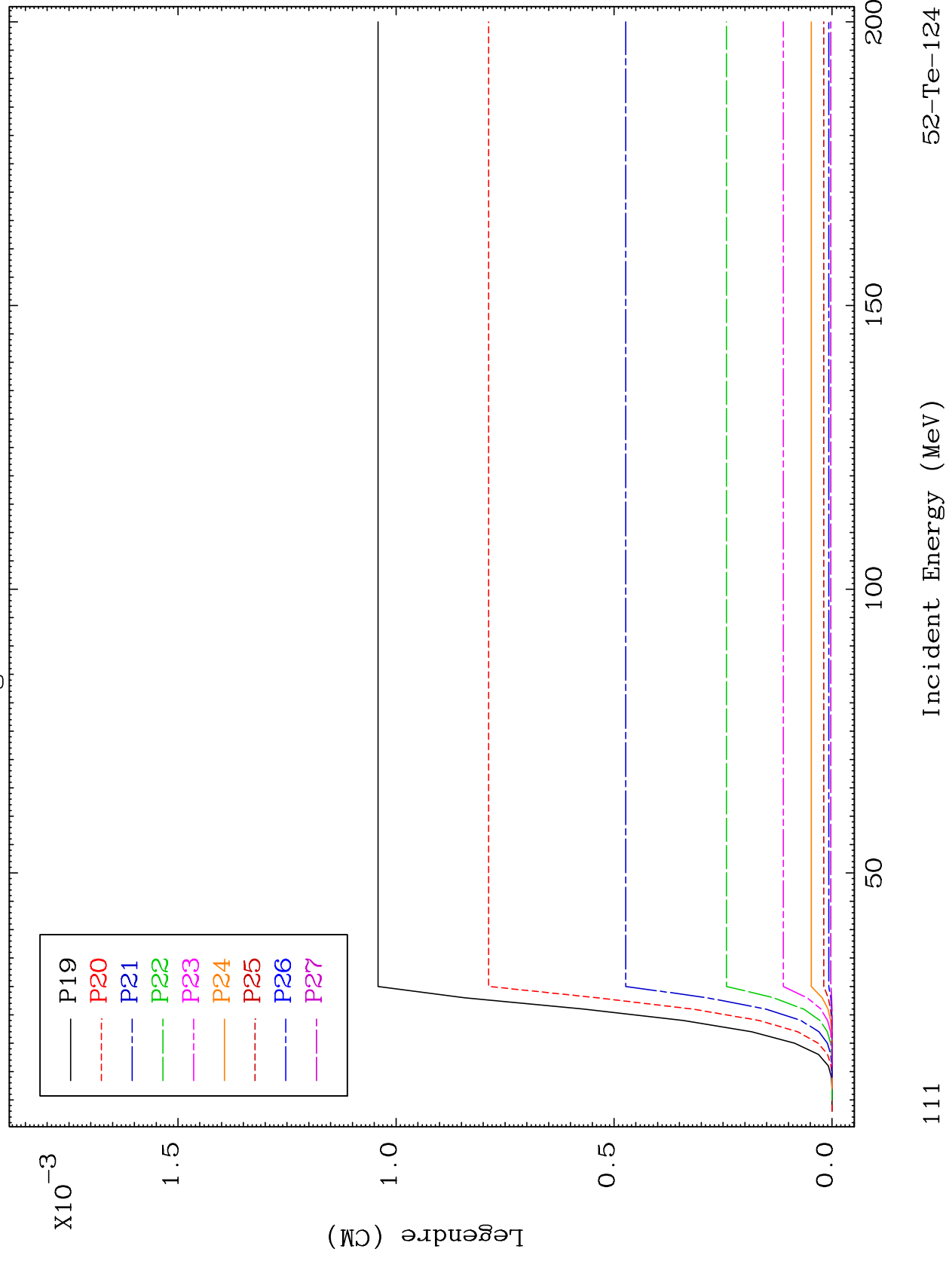
52-Te-124



110

Incident Energy (MeV)

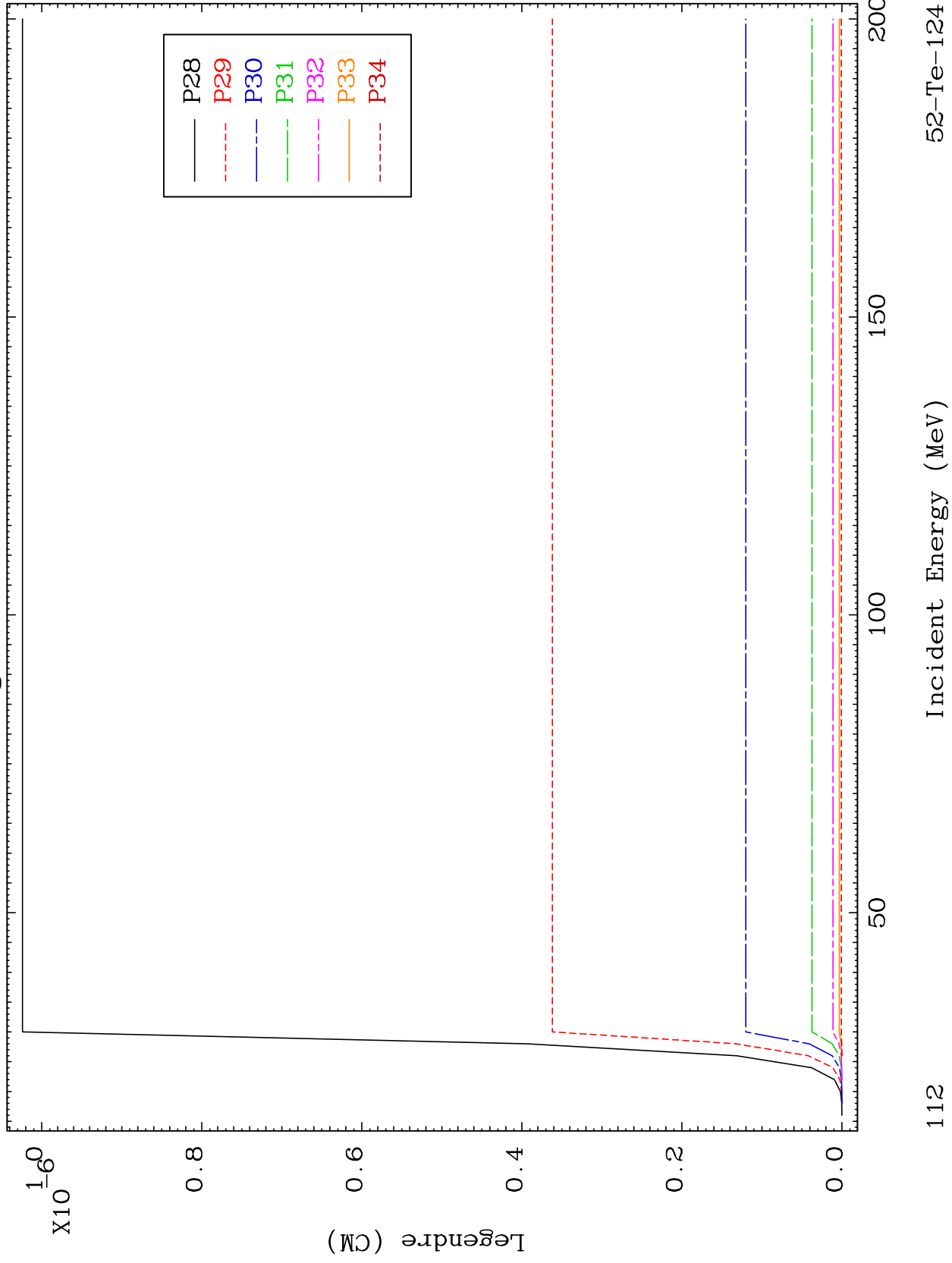
52-Te-124



MAT 5237

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

52-Te-124



112

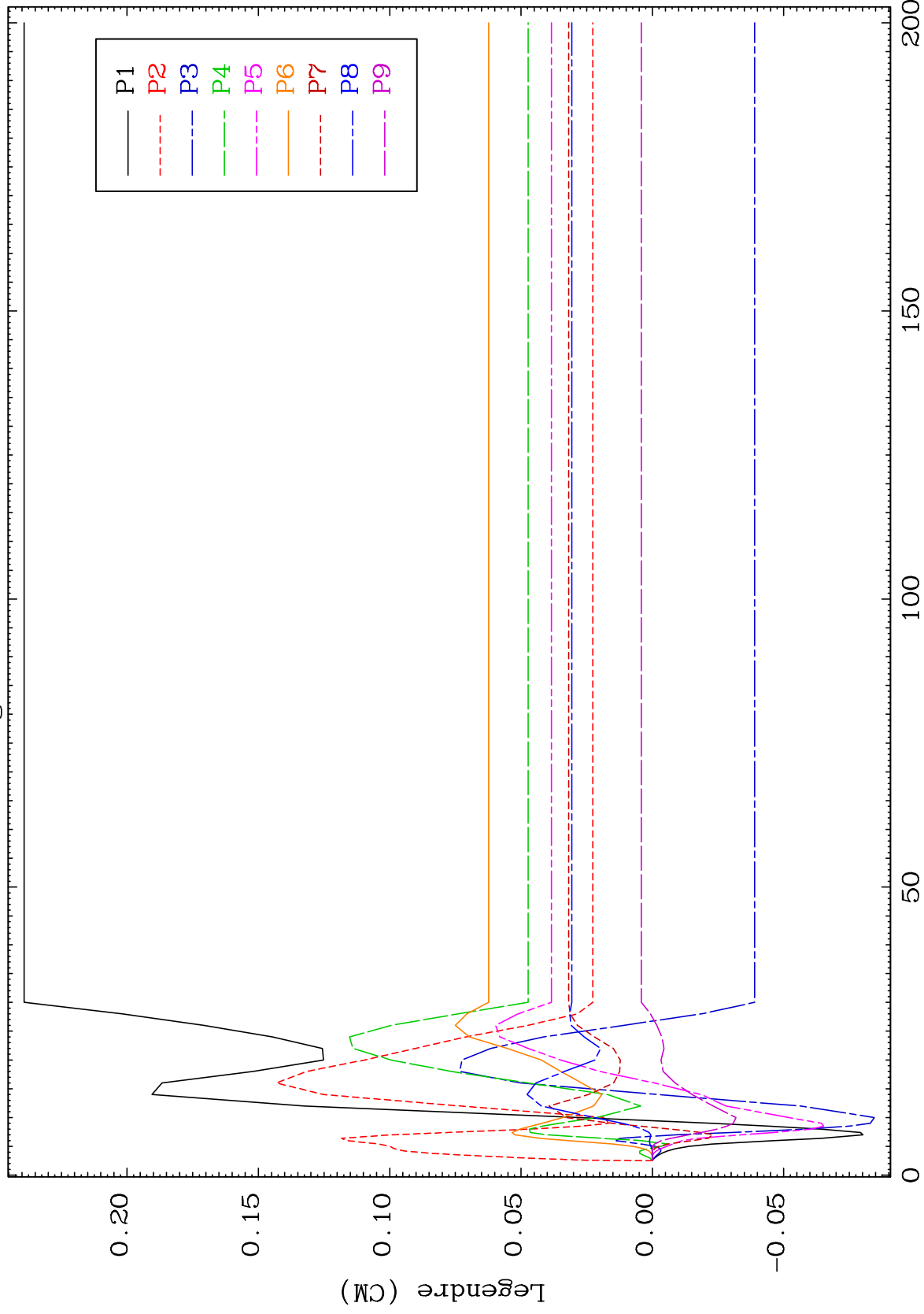
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



113

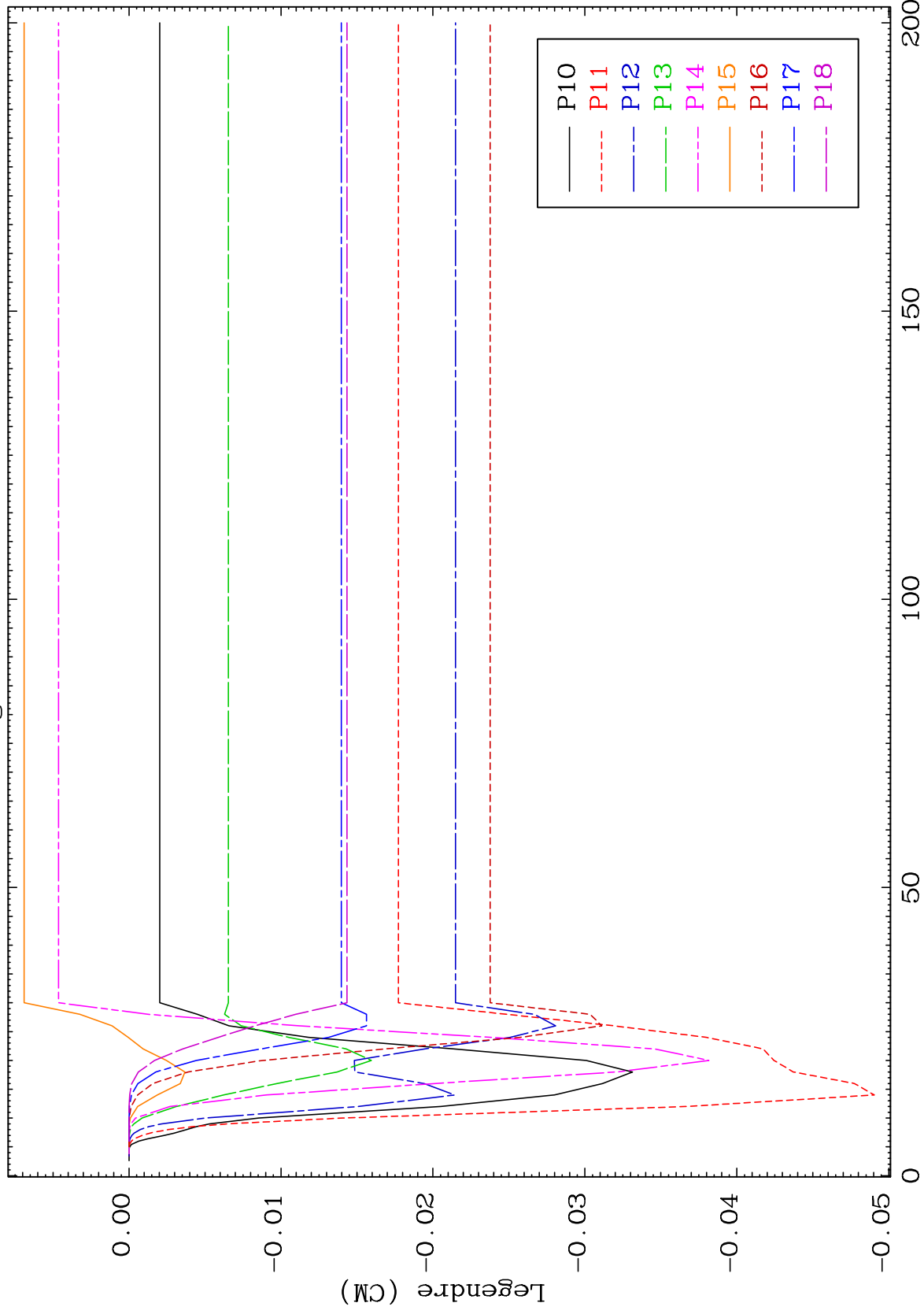
Incident Energy (MeV)

52-Te-124

MAT 5237

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

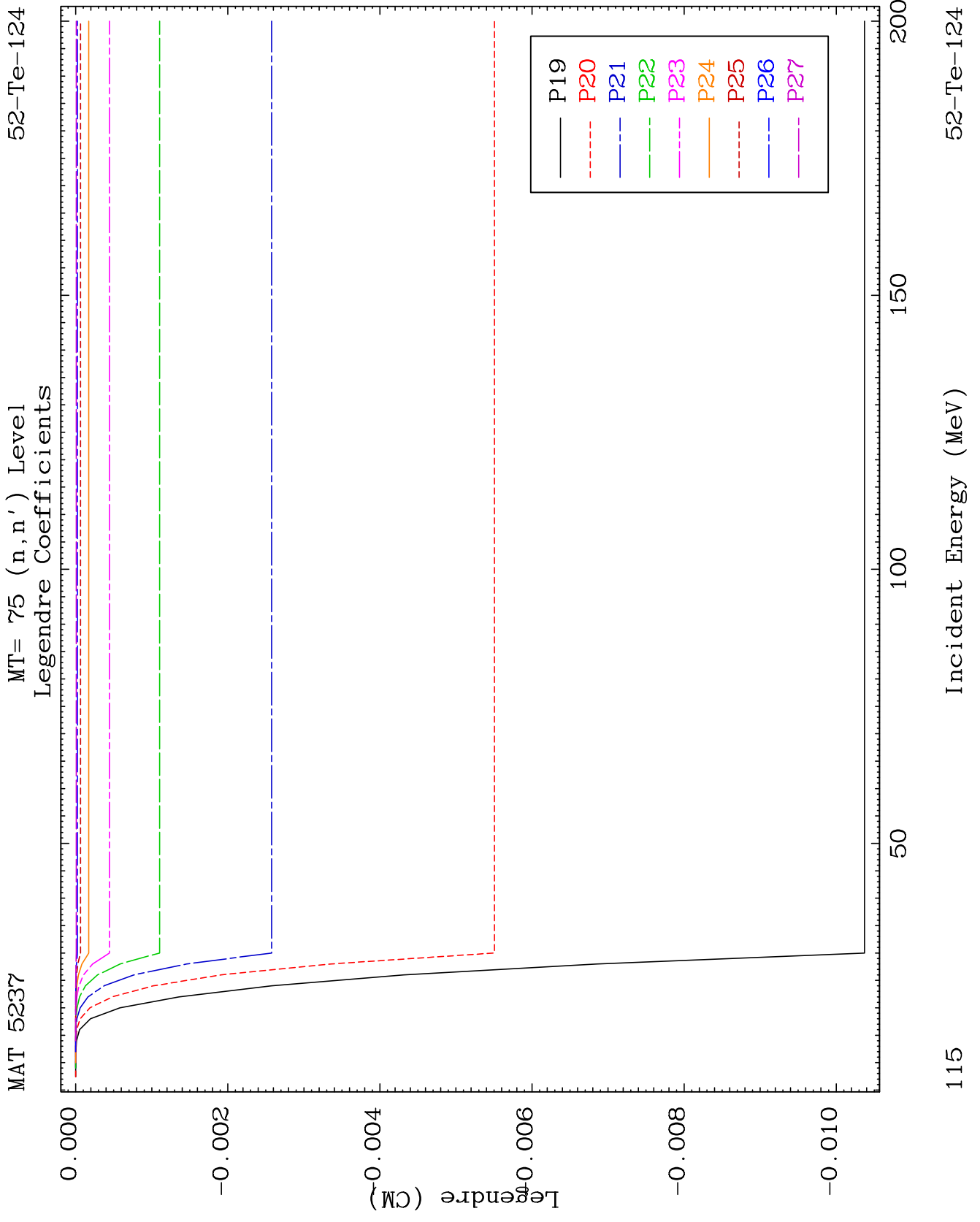
52-Te-124

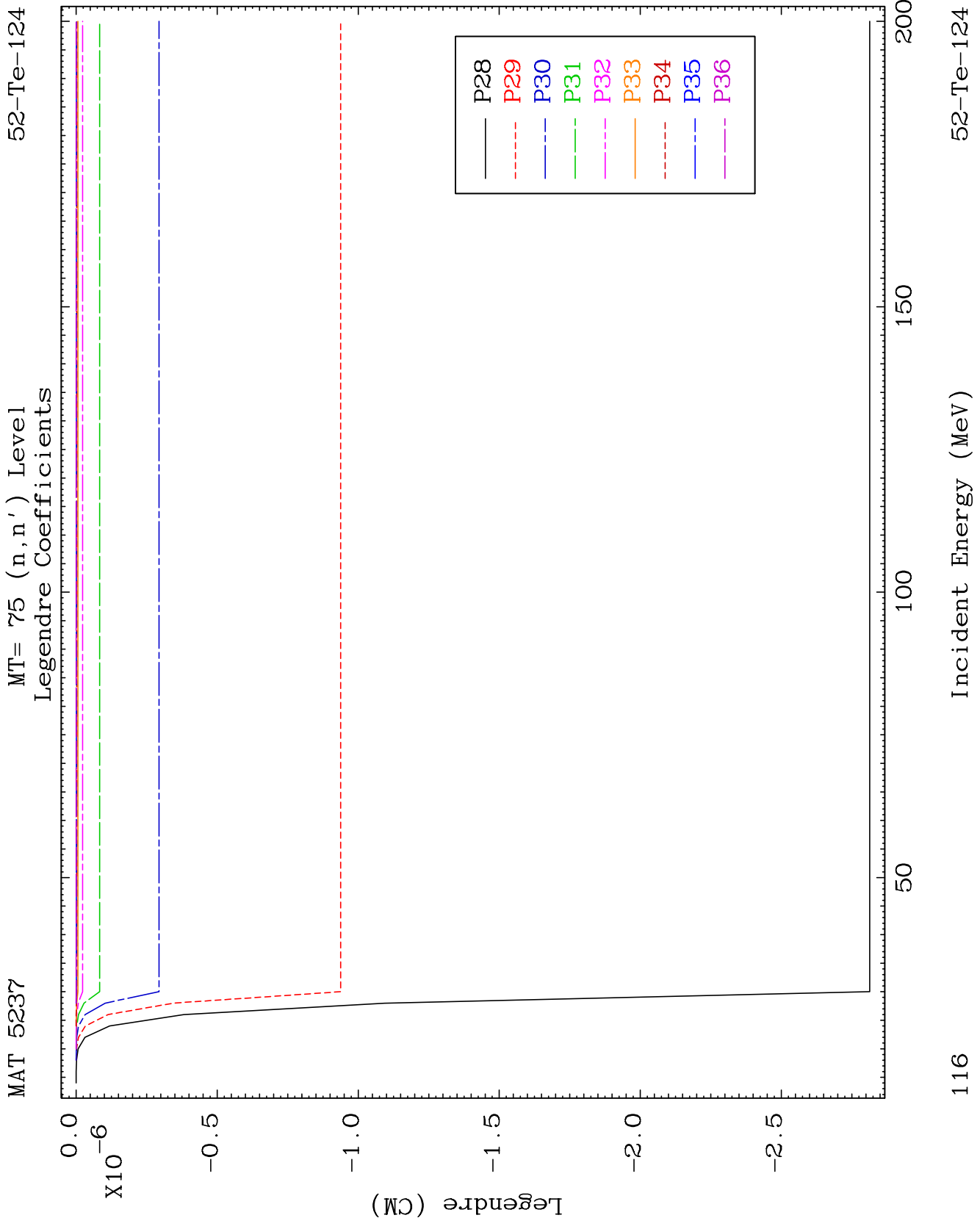


114

Incident Energy (MeV)

52-Te-124

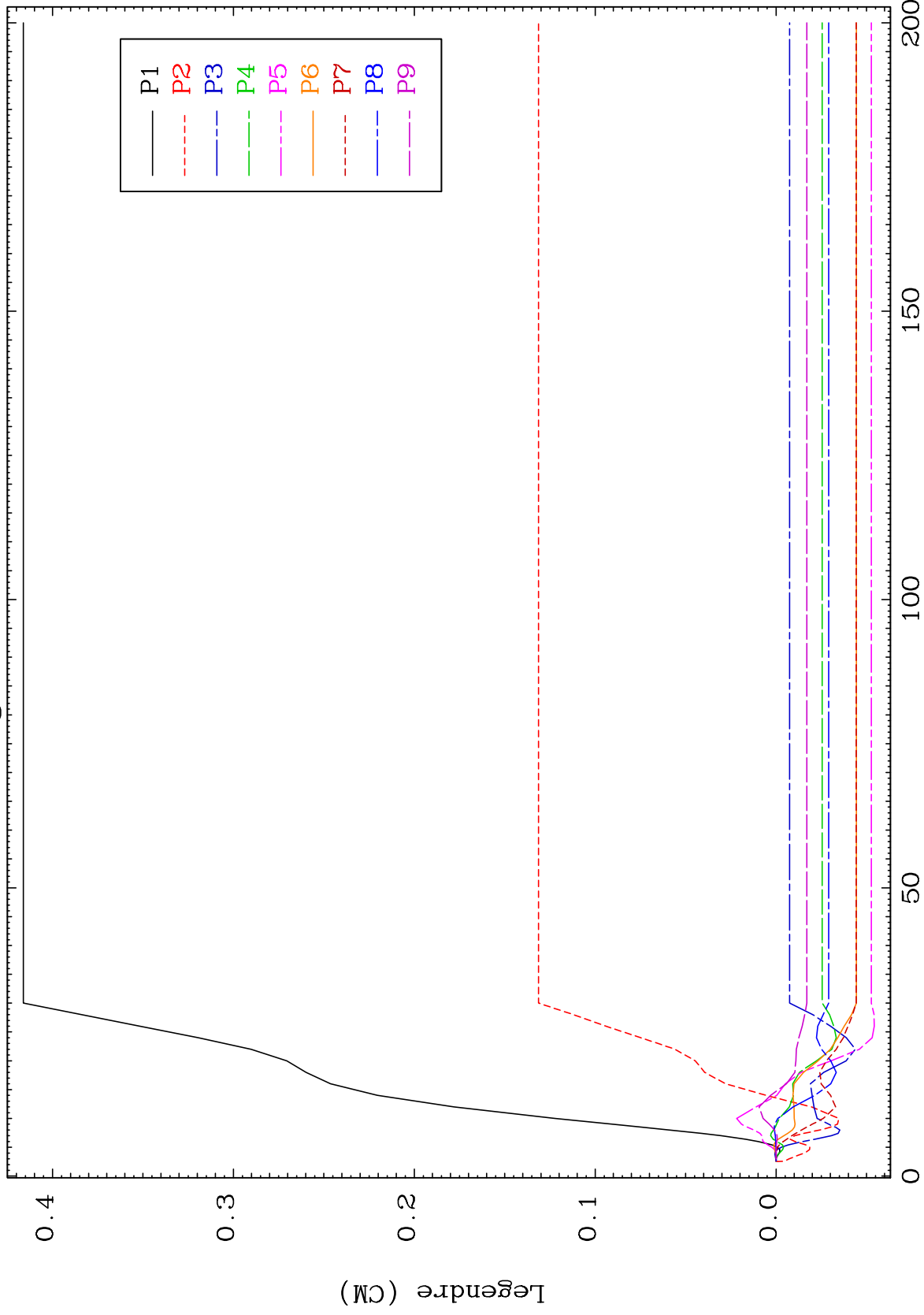




MAT 5237

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

52-Te-124



117

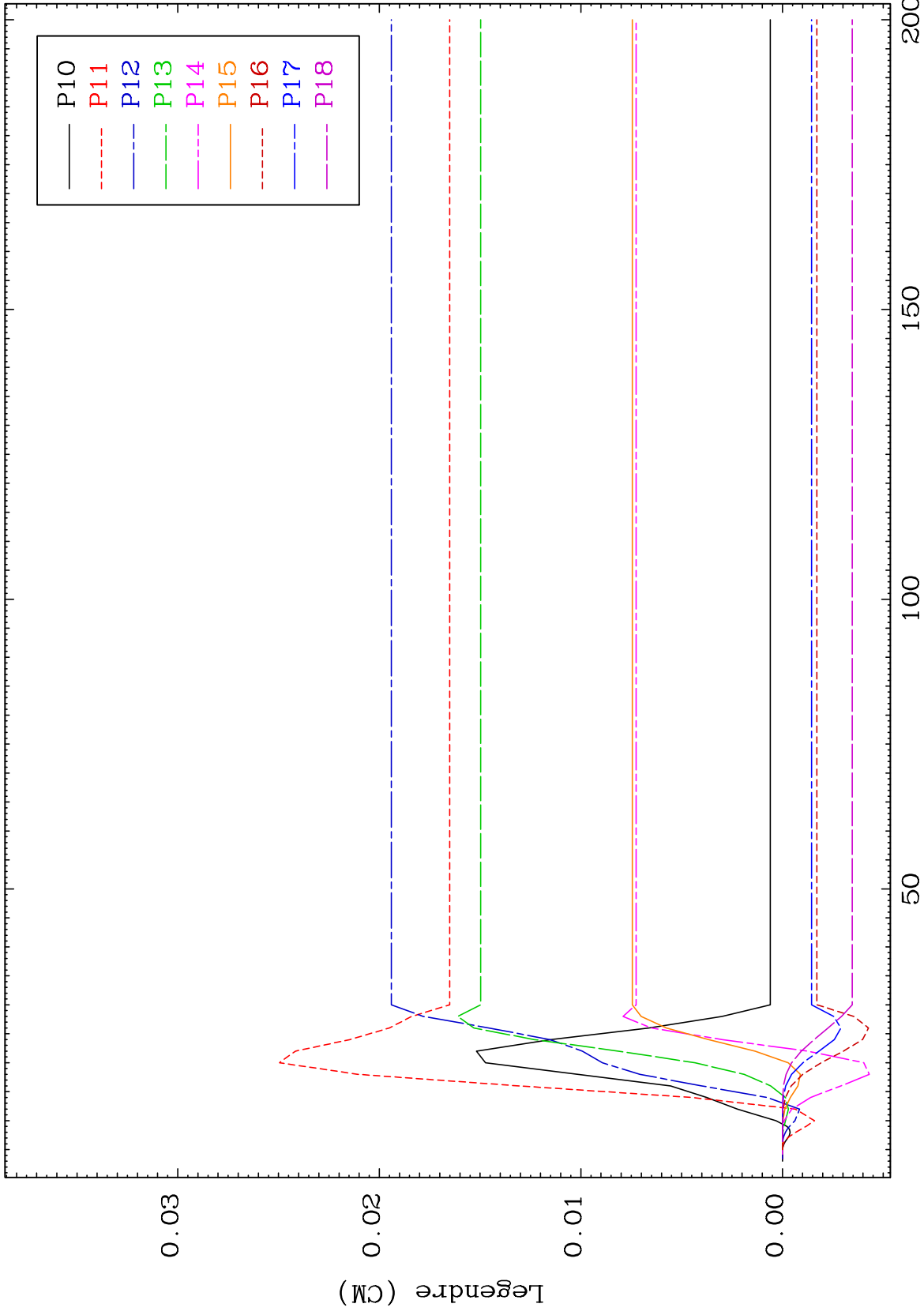
Incident Energy (MeV)

52-Te-124

MAT 5237

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

52-Te-124



118

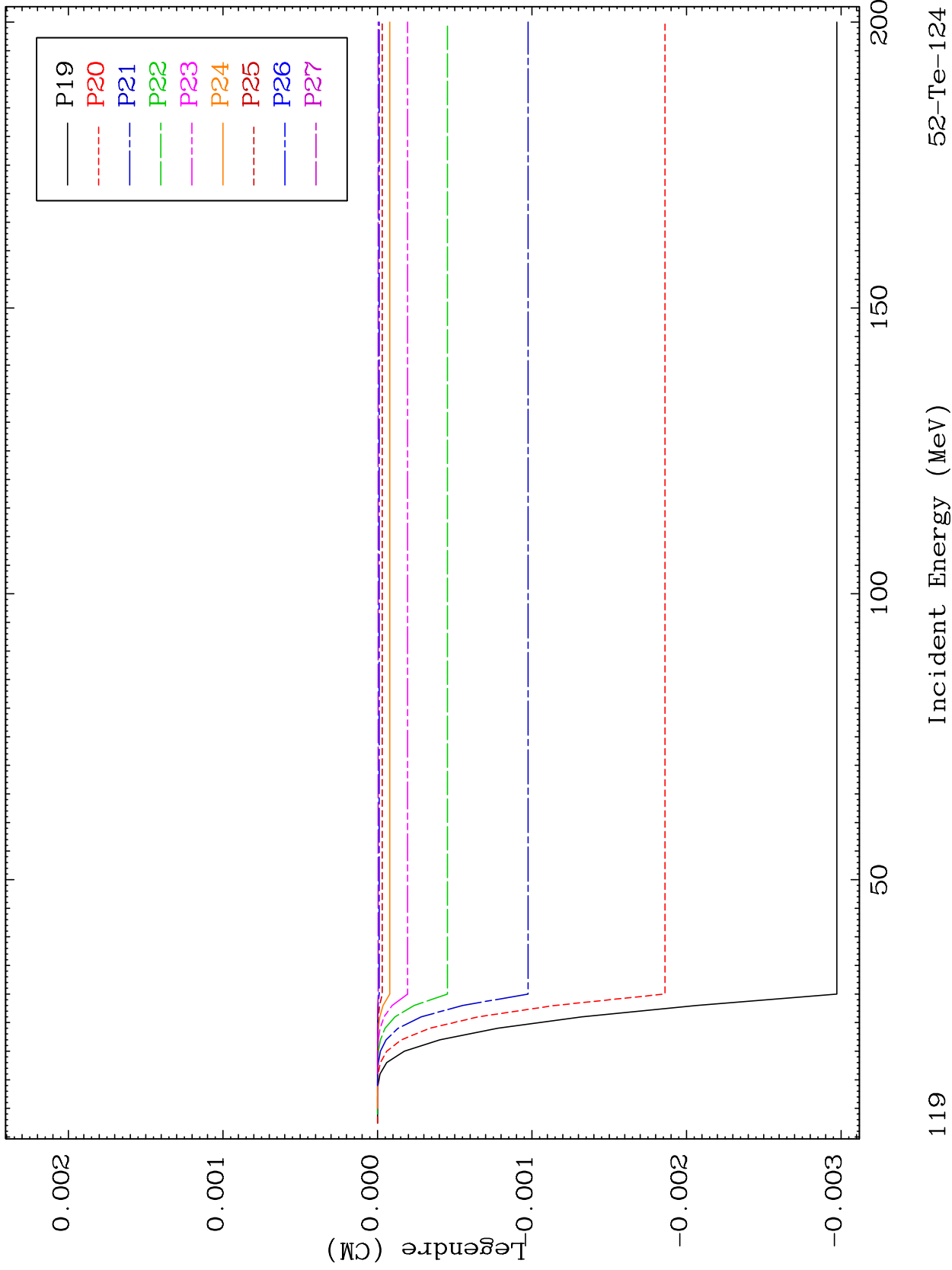
Incident Energy (MeV)

52-Te-124

MAT 5237

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

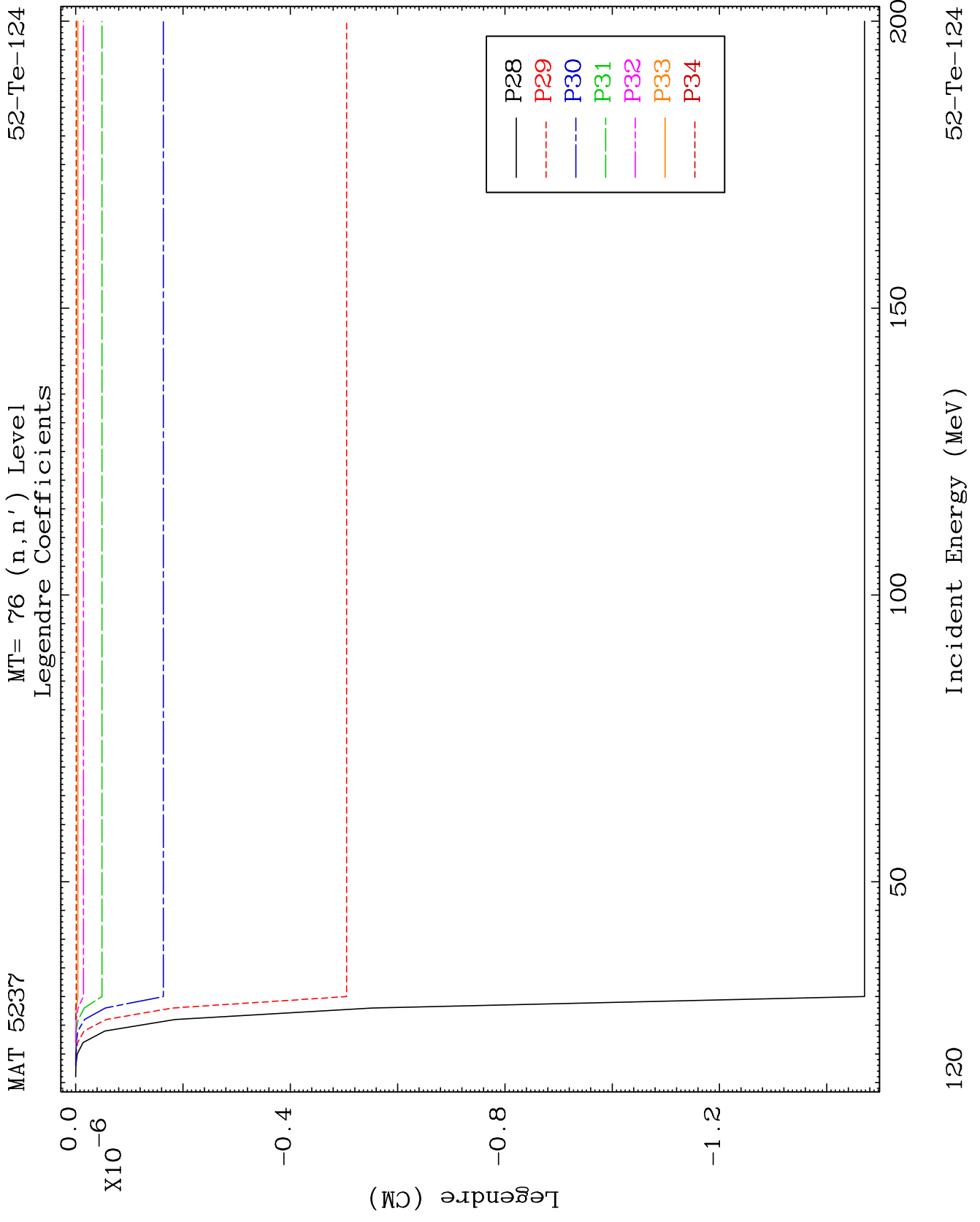
52-Te-124



119

Incident Energy (MeV)

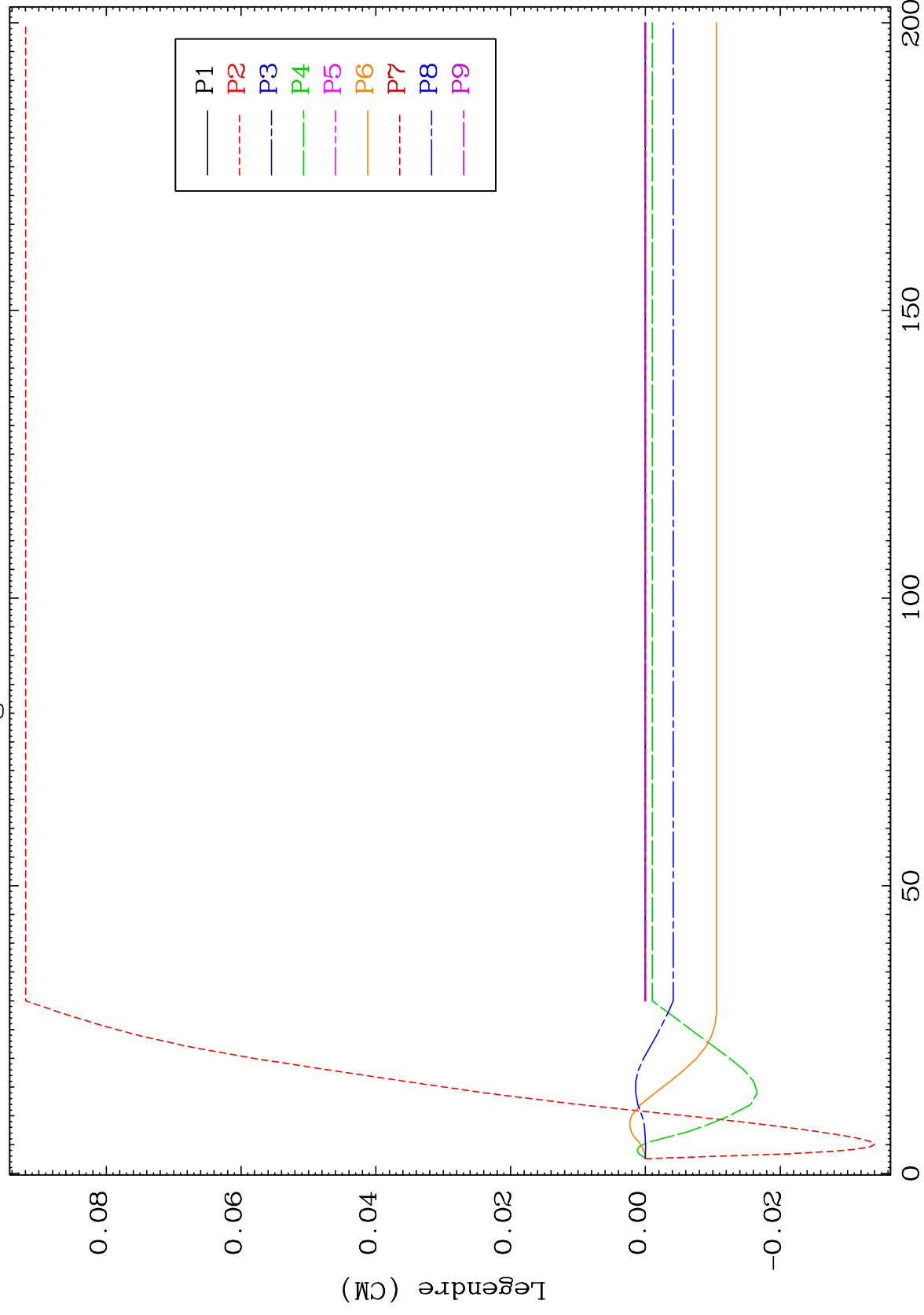
52-Te-124



MAT 5237

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

52-Te-124



52-Te-124

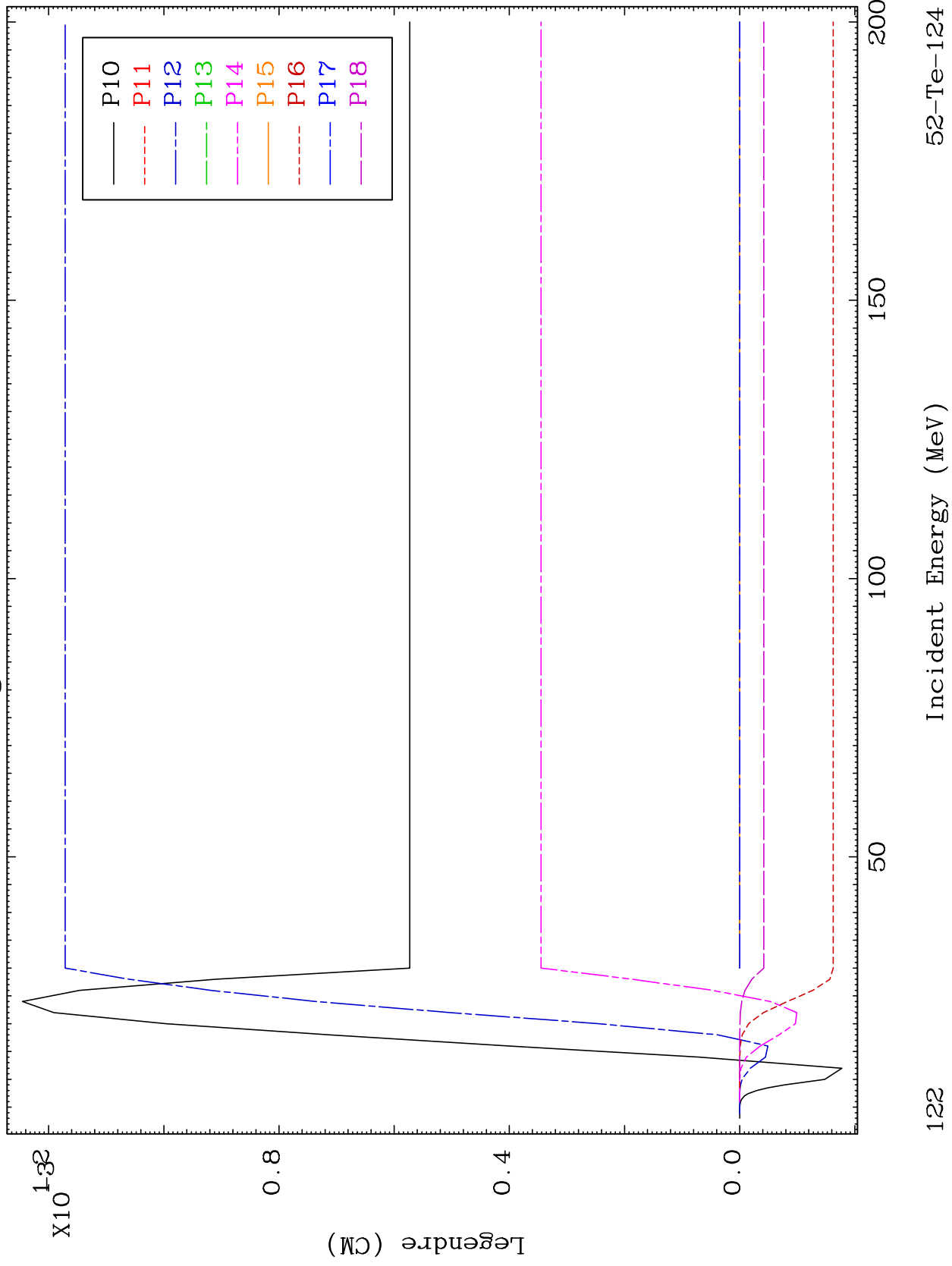
Incident Energy (MeV)

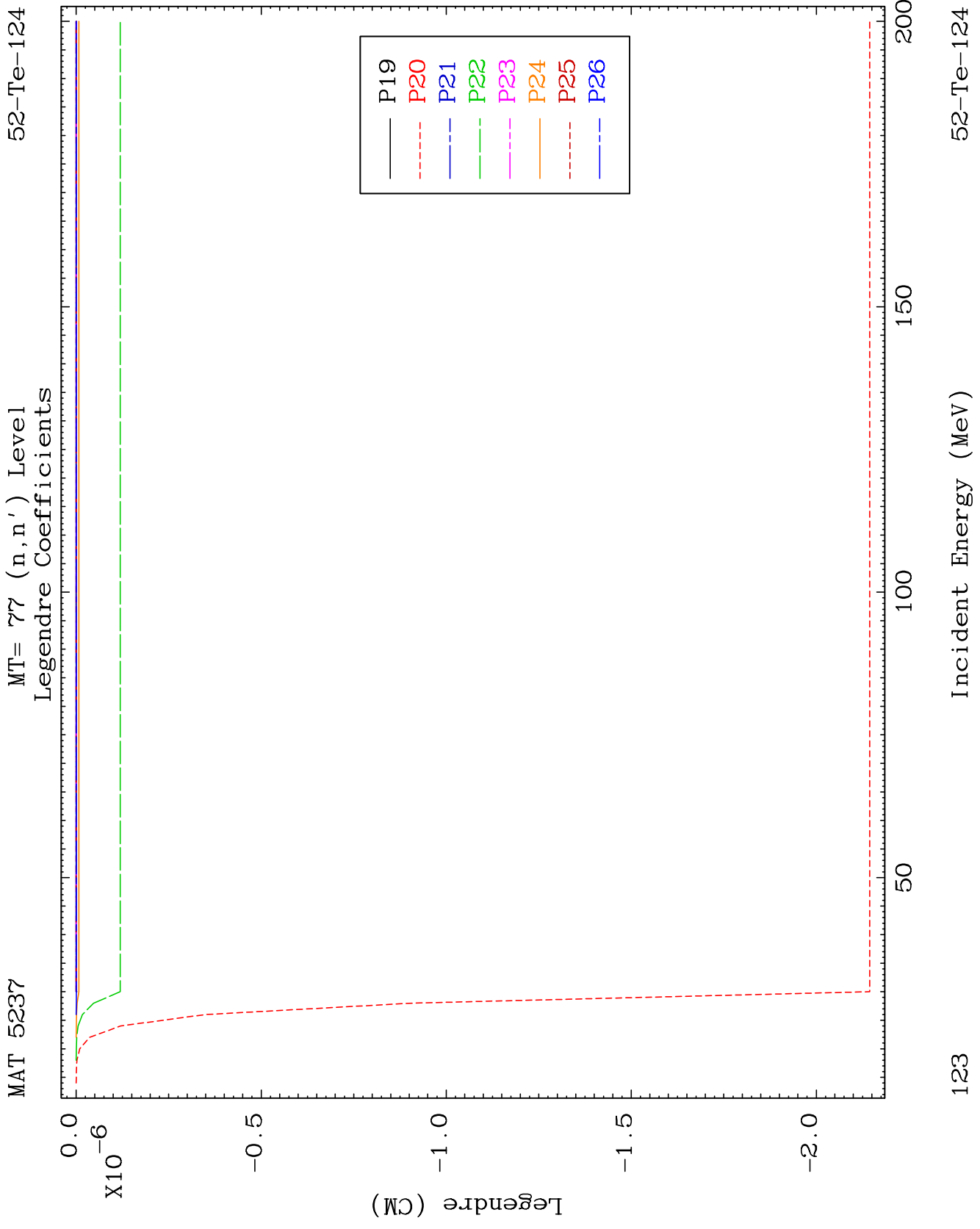
121

MAT 5237

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

52-Te-124

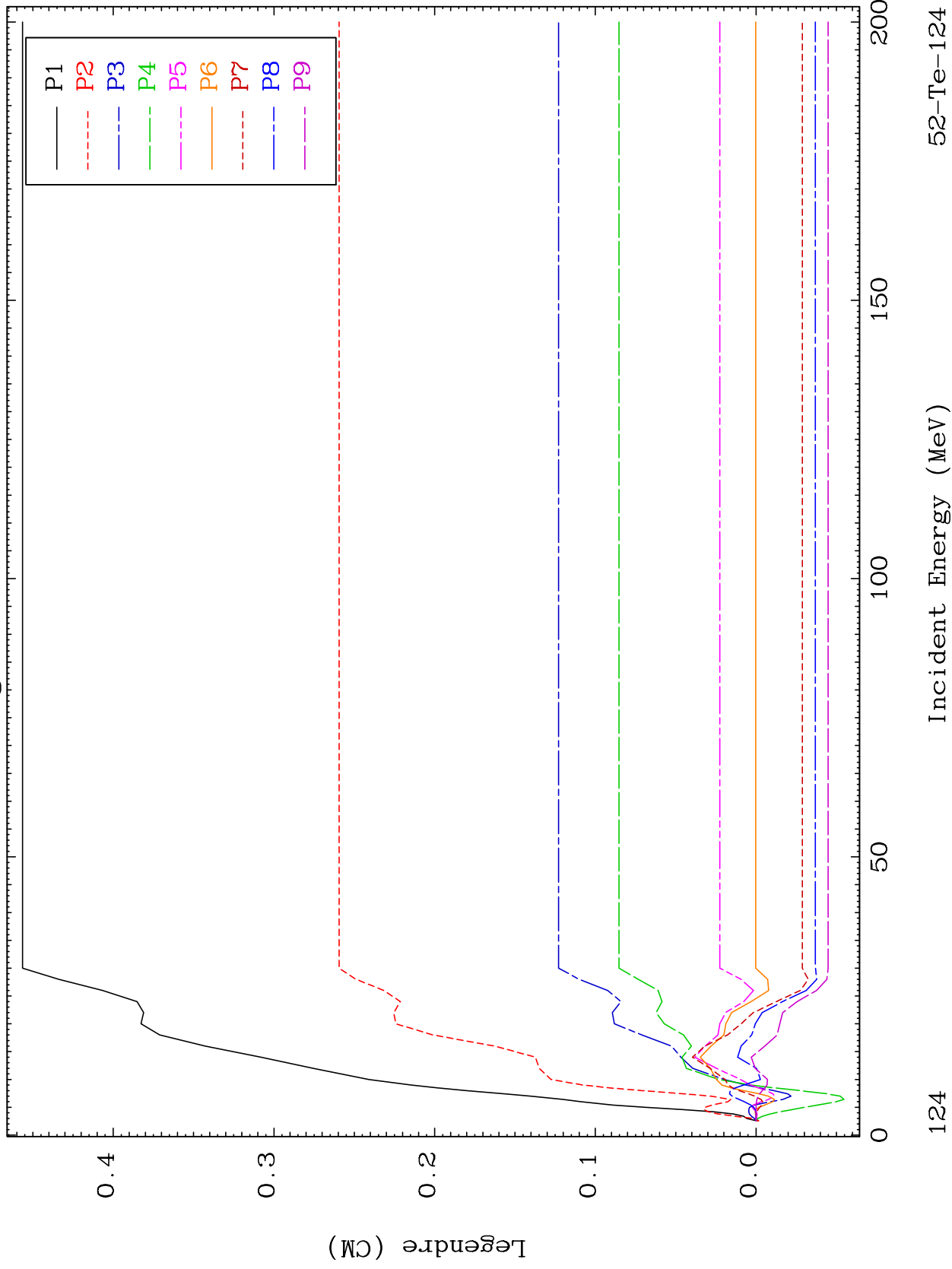




MAT 5237

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

52-Te-124



52-Te-124

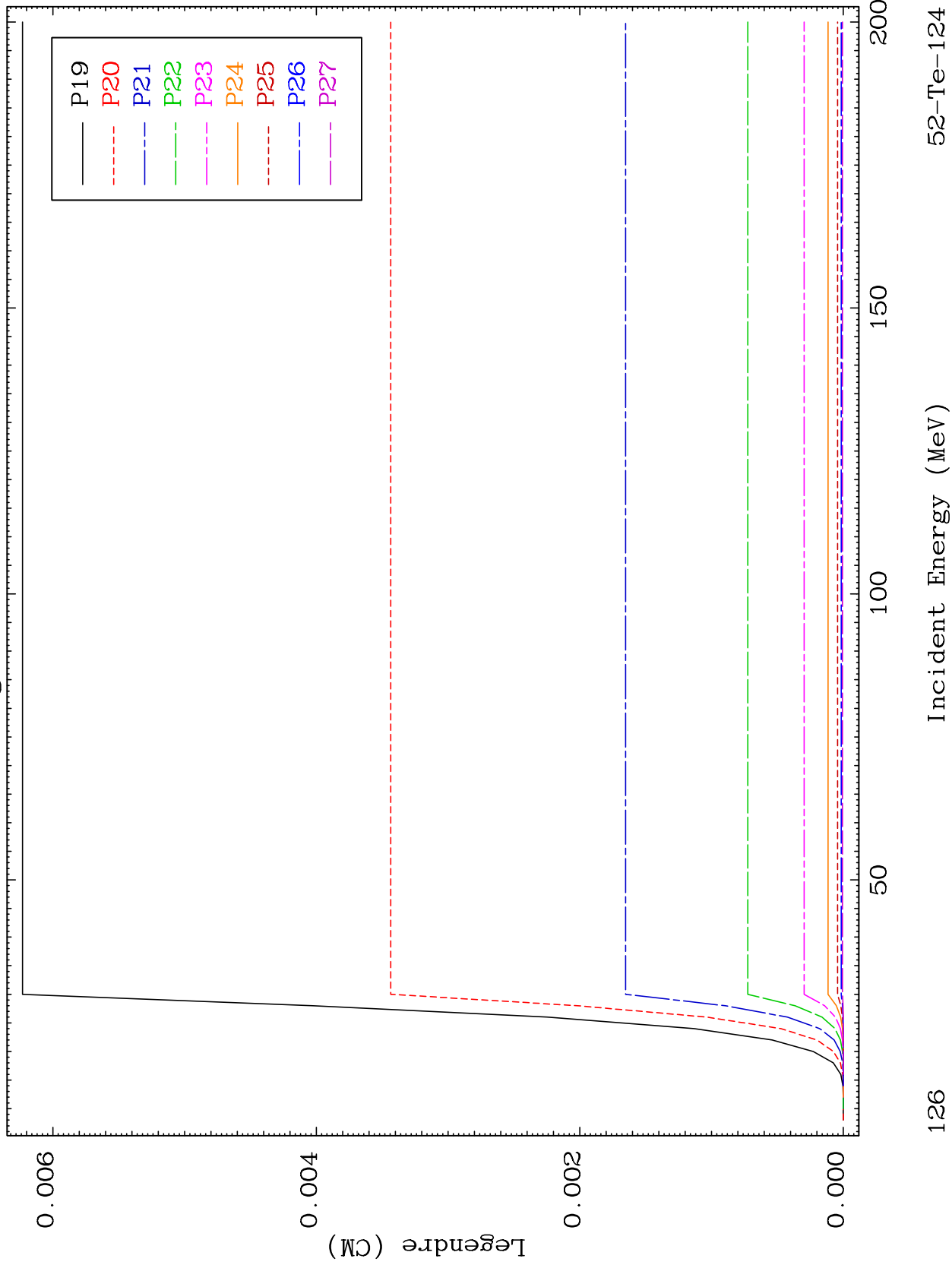
Incident Energy (MeV)

124

MAT 5237

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

52-Te-124



126

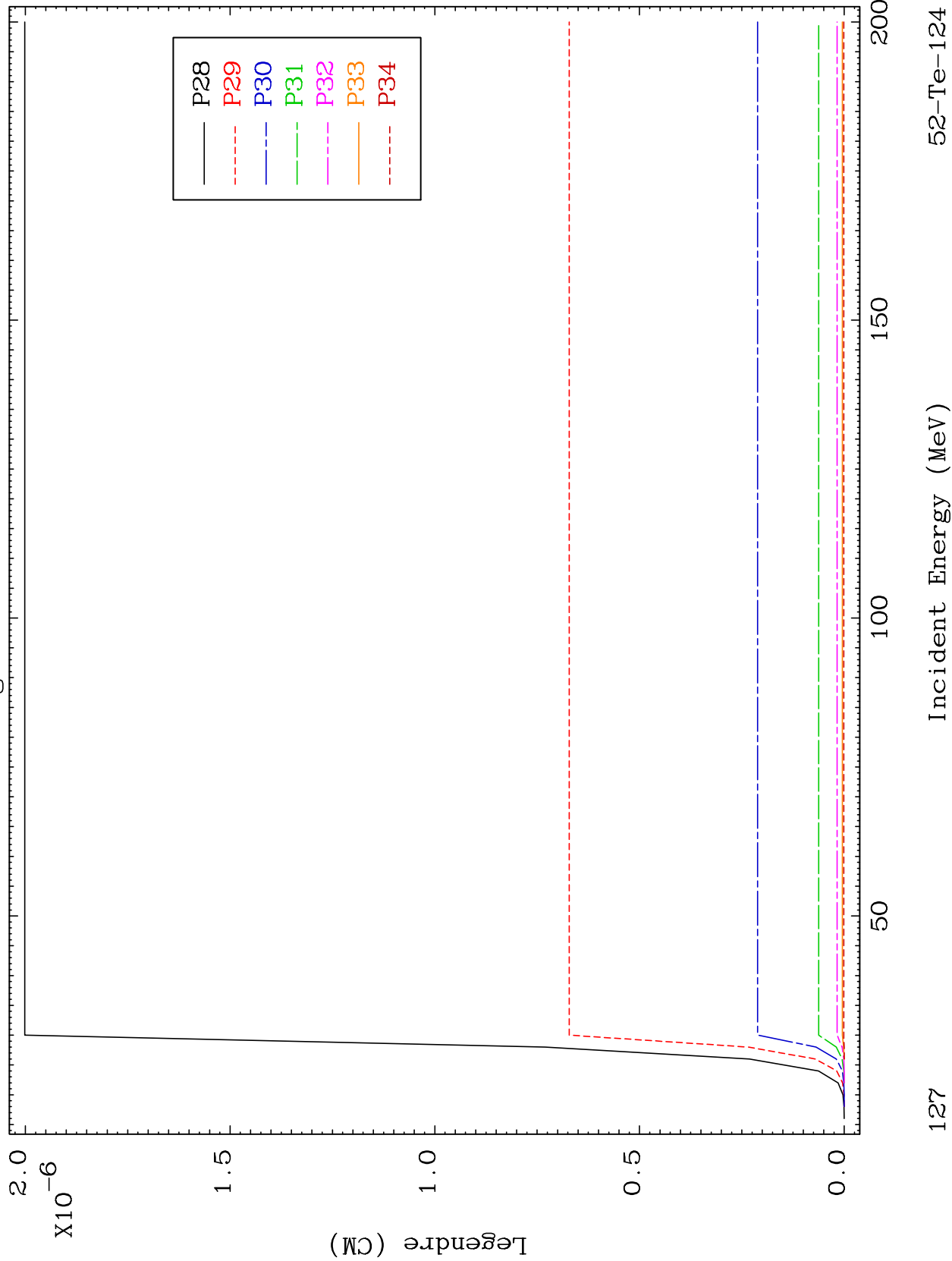
Incident Energy (MeV)

52-Te-124

MAT 5237

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

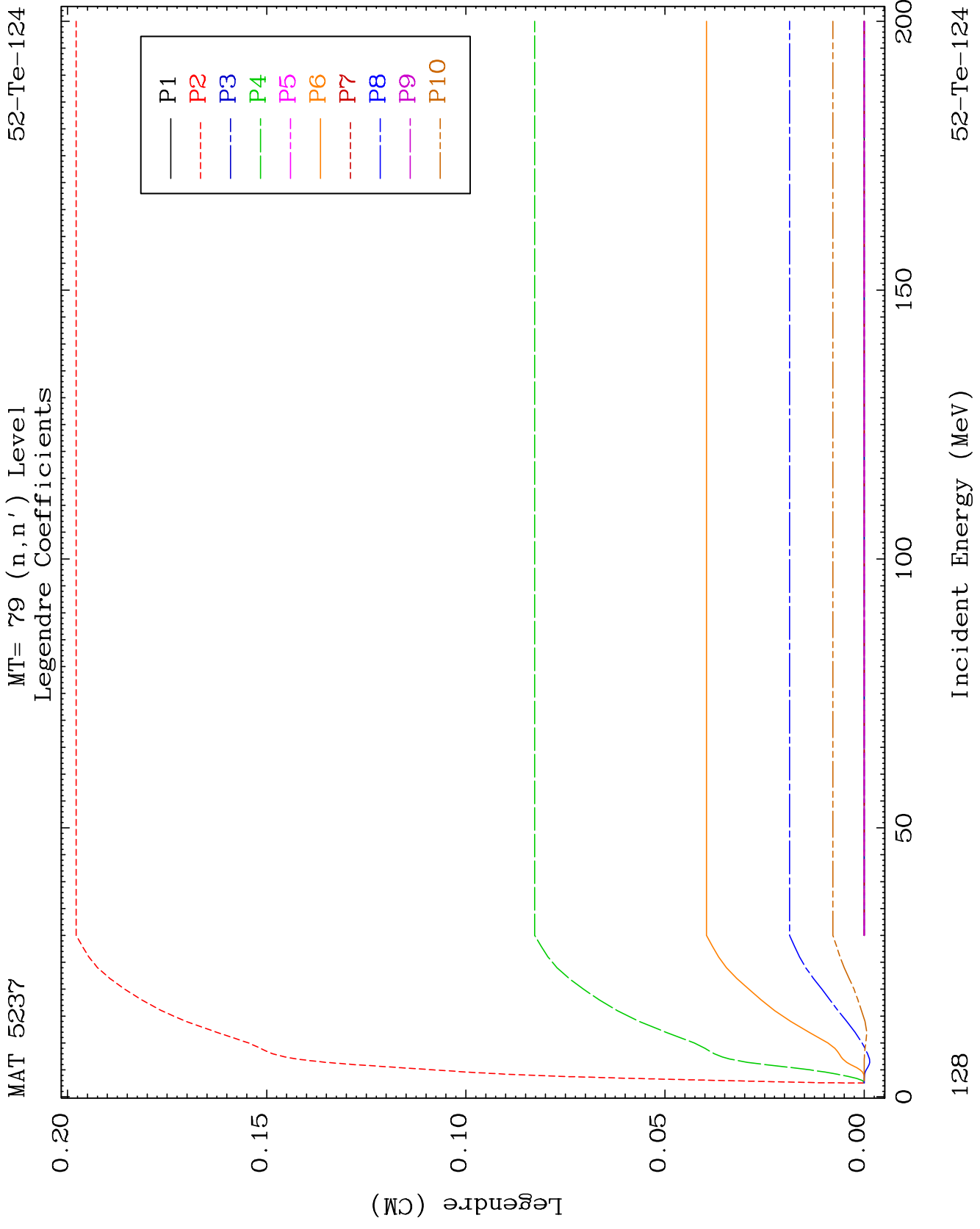
52-Te-124



127

Incident Energy (MeV)

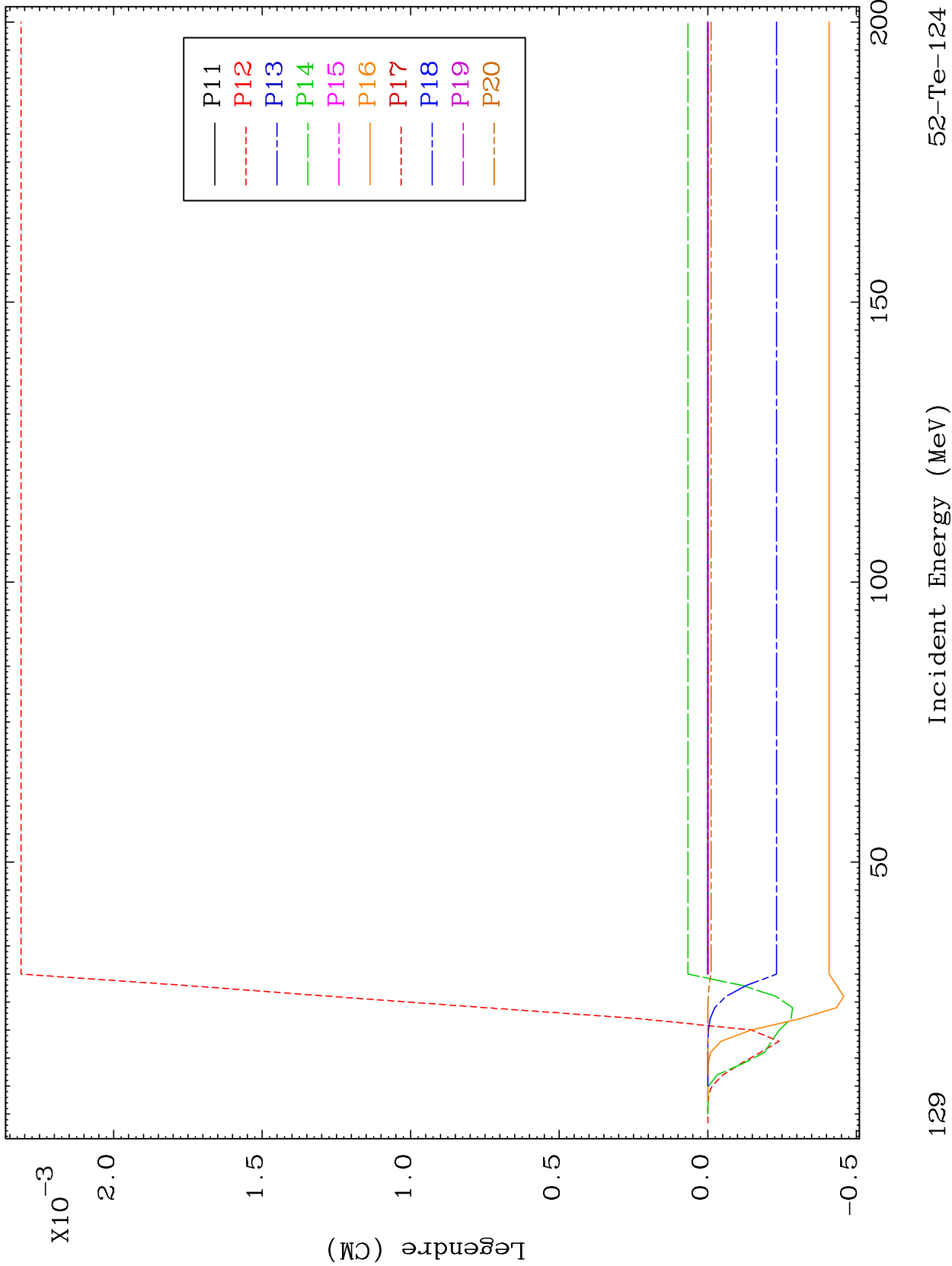
52-Te-124



MAT 5237

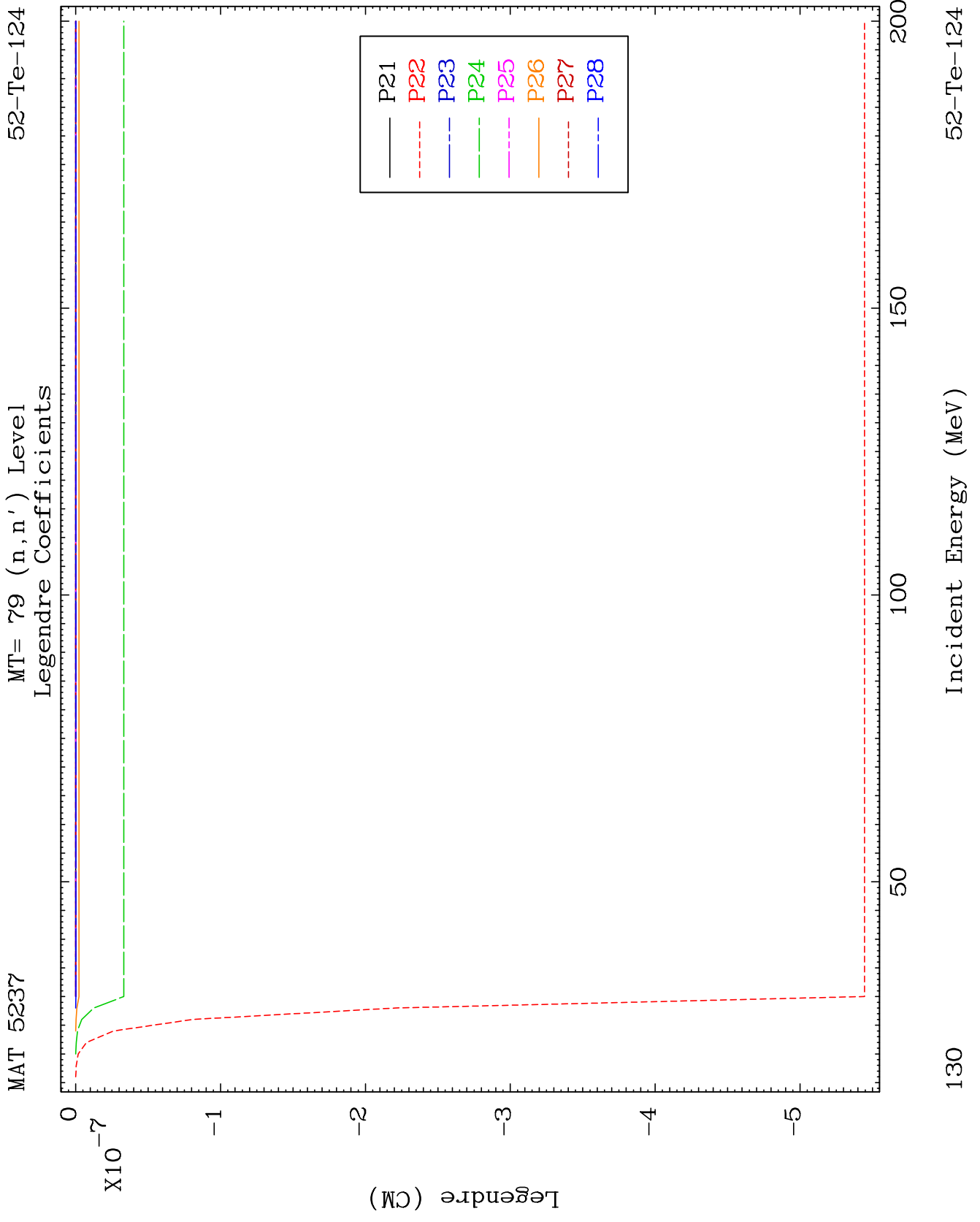
MT= 79 (n,n') Level
Legendre Coefficients

52-Te-124



129

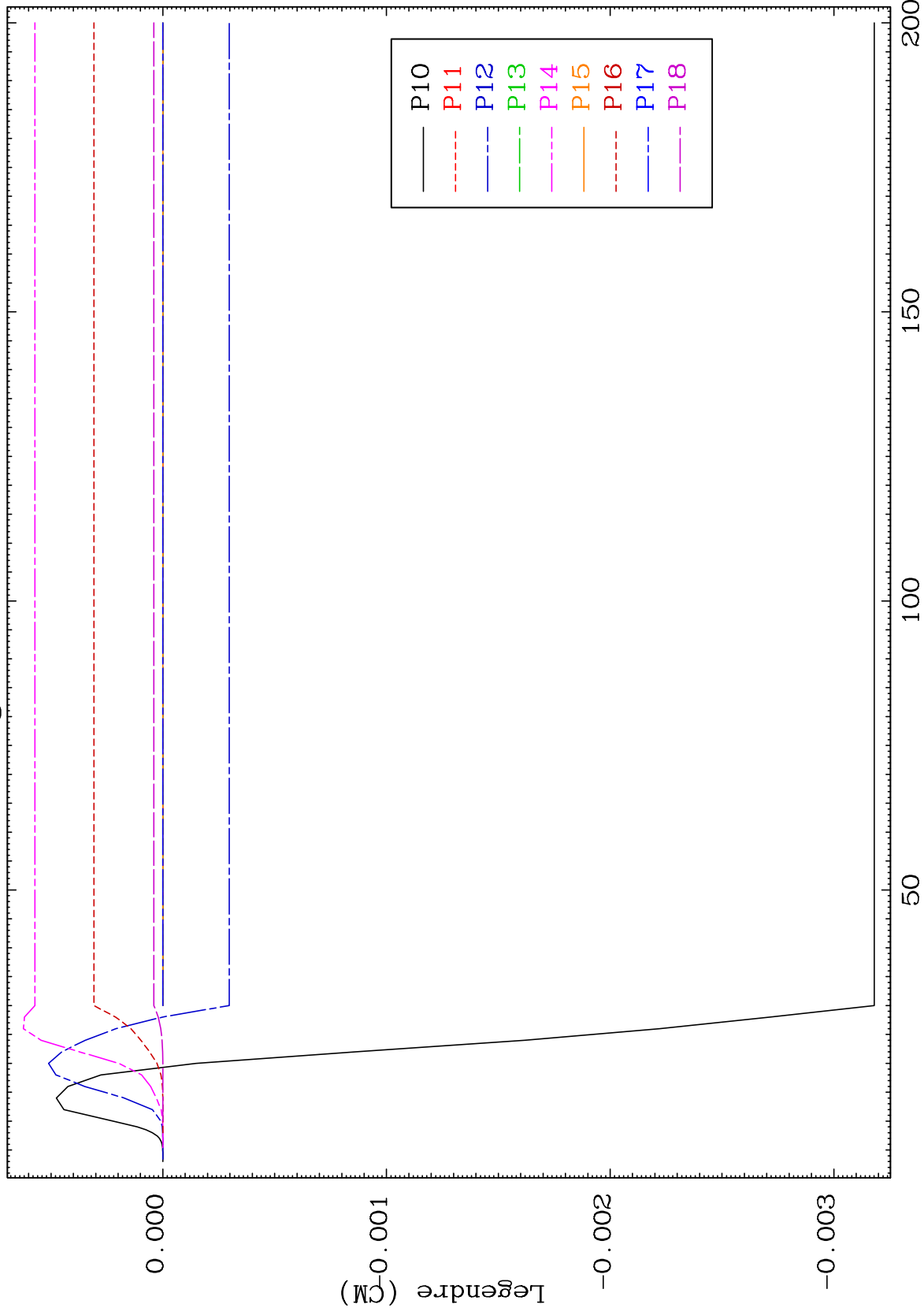
52-Te-124



MAT 5237

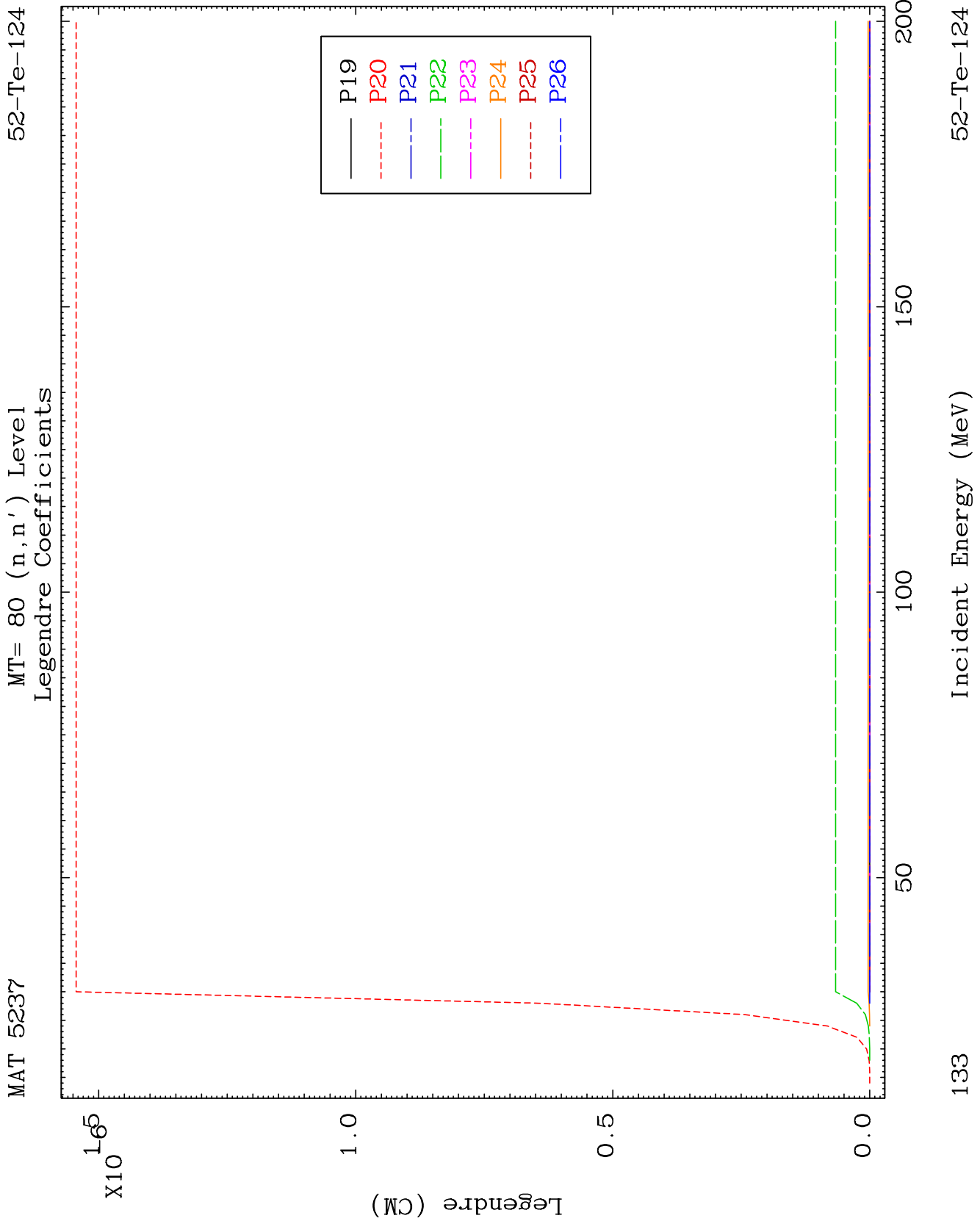
MT= 80 (n,n') Level
Legendre Coefficients

52-Te-124



132

52-Te-124

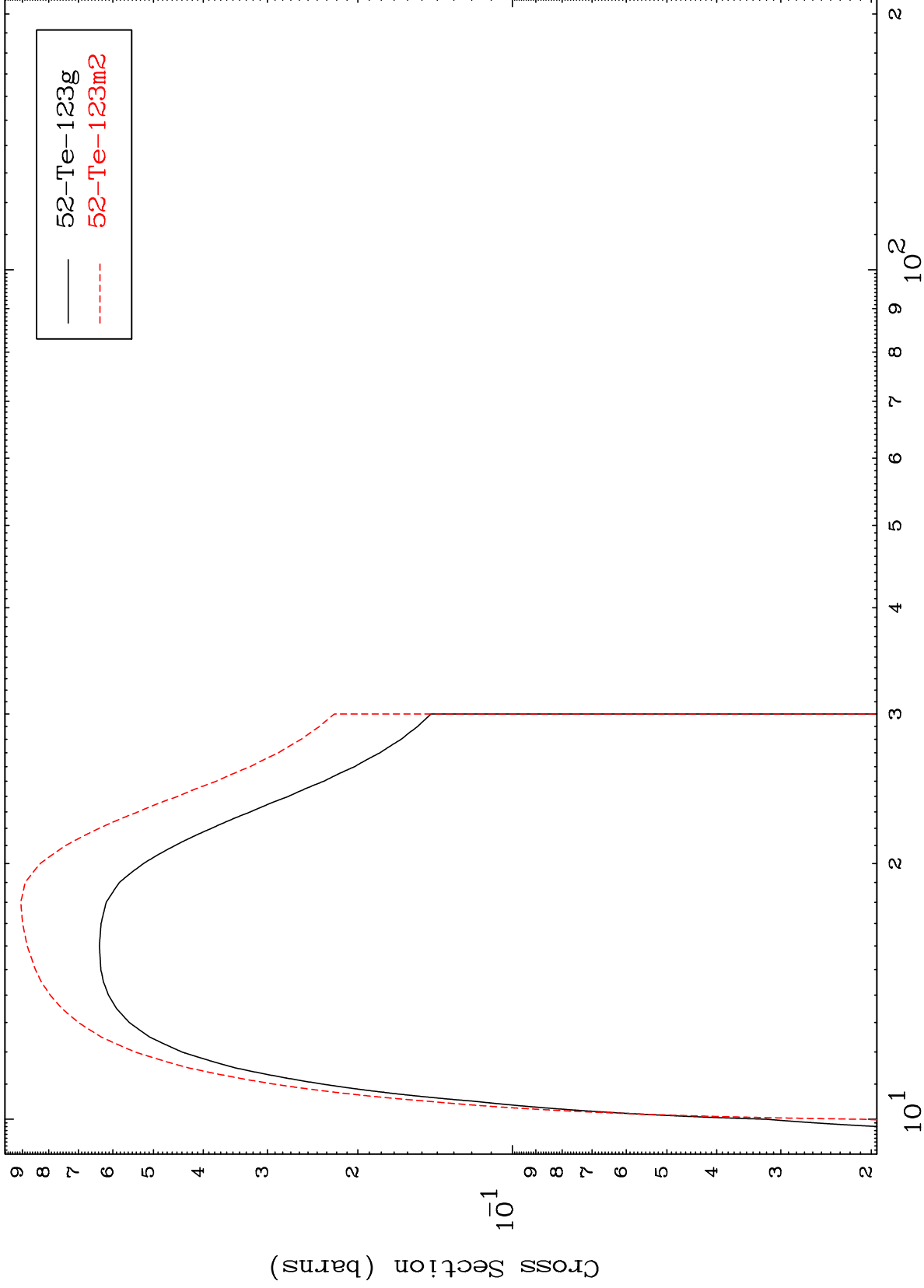


MAT 5237

(n,2n)

52-Te-124

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-124

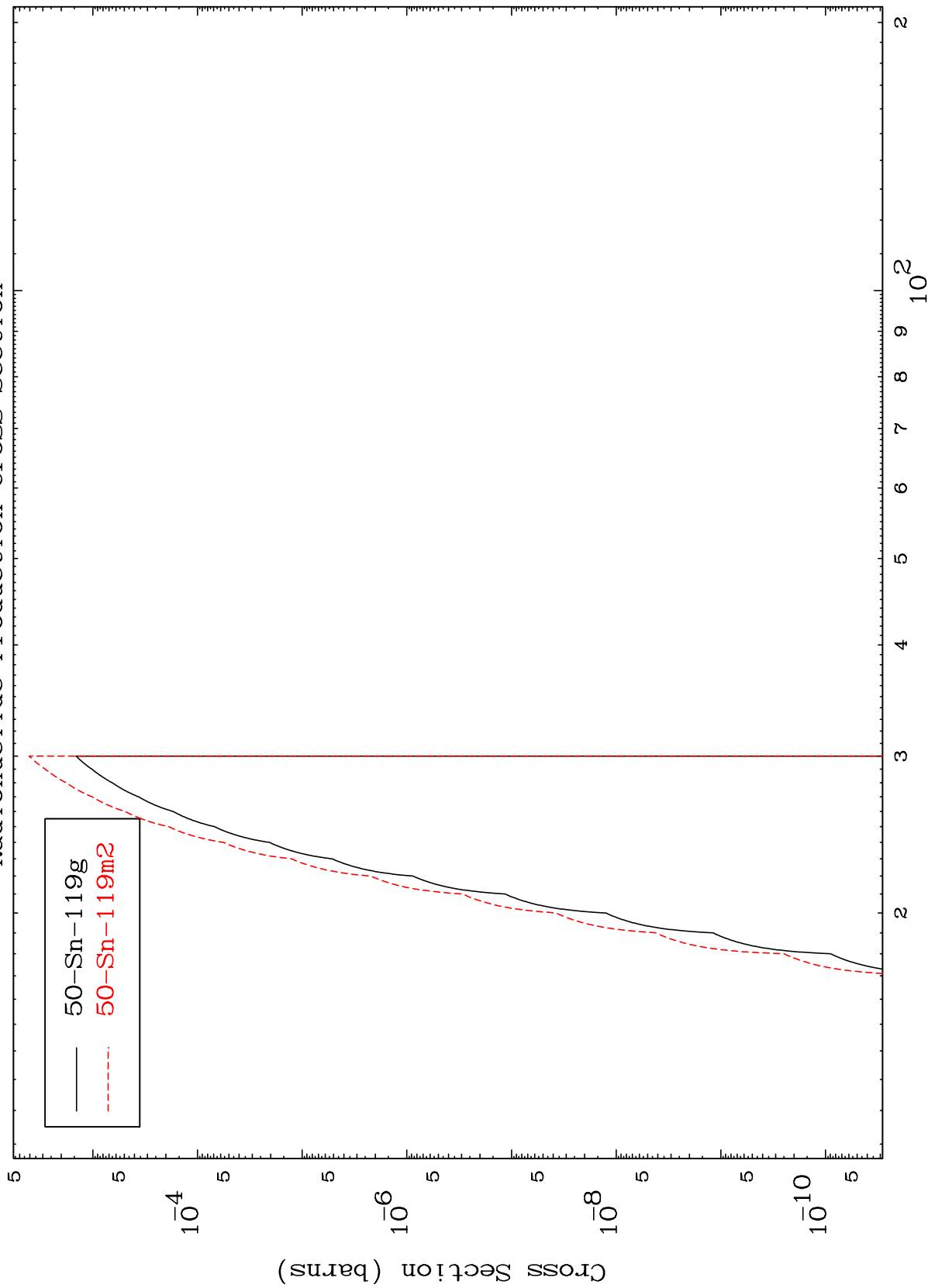
134

MAT 5237

(n,2n) α

52-Te-124

Radionuclide Production Cross Section

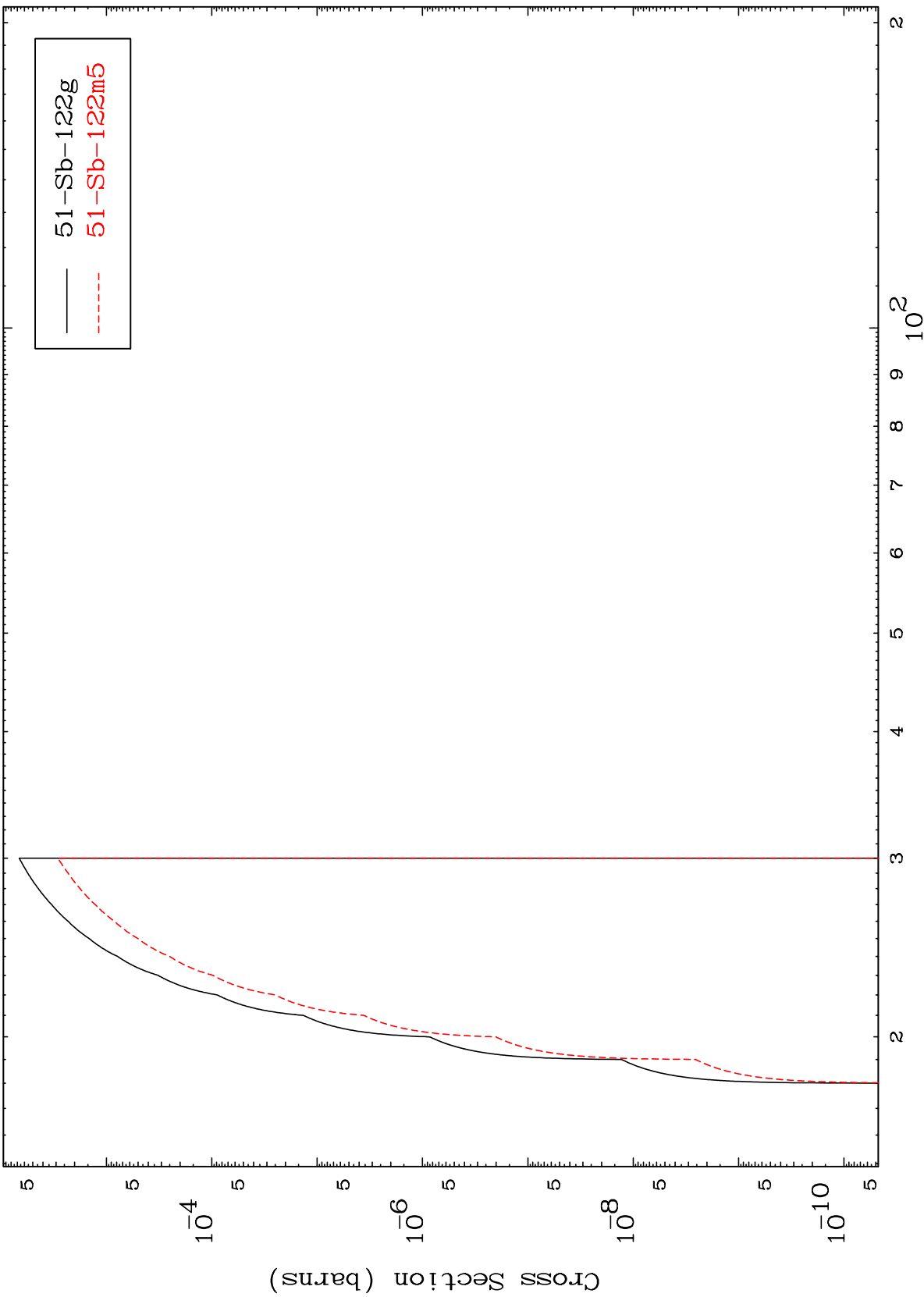


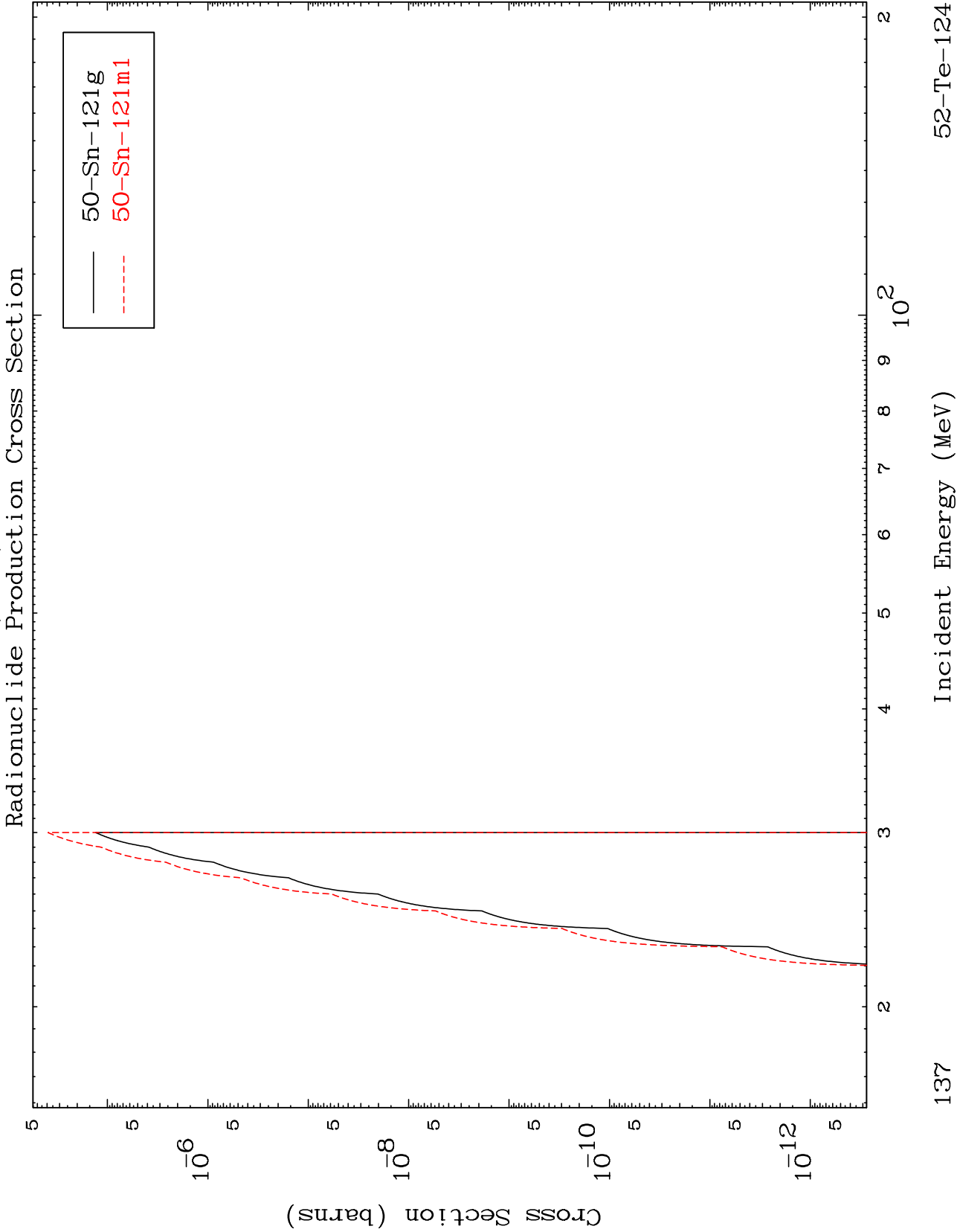
135

Incident Energy (MeV)

52-Te-124

Radionuclide Production Cross Section



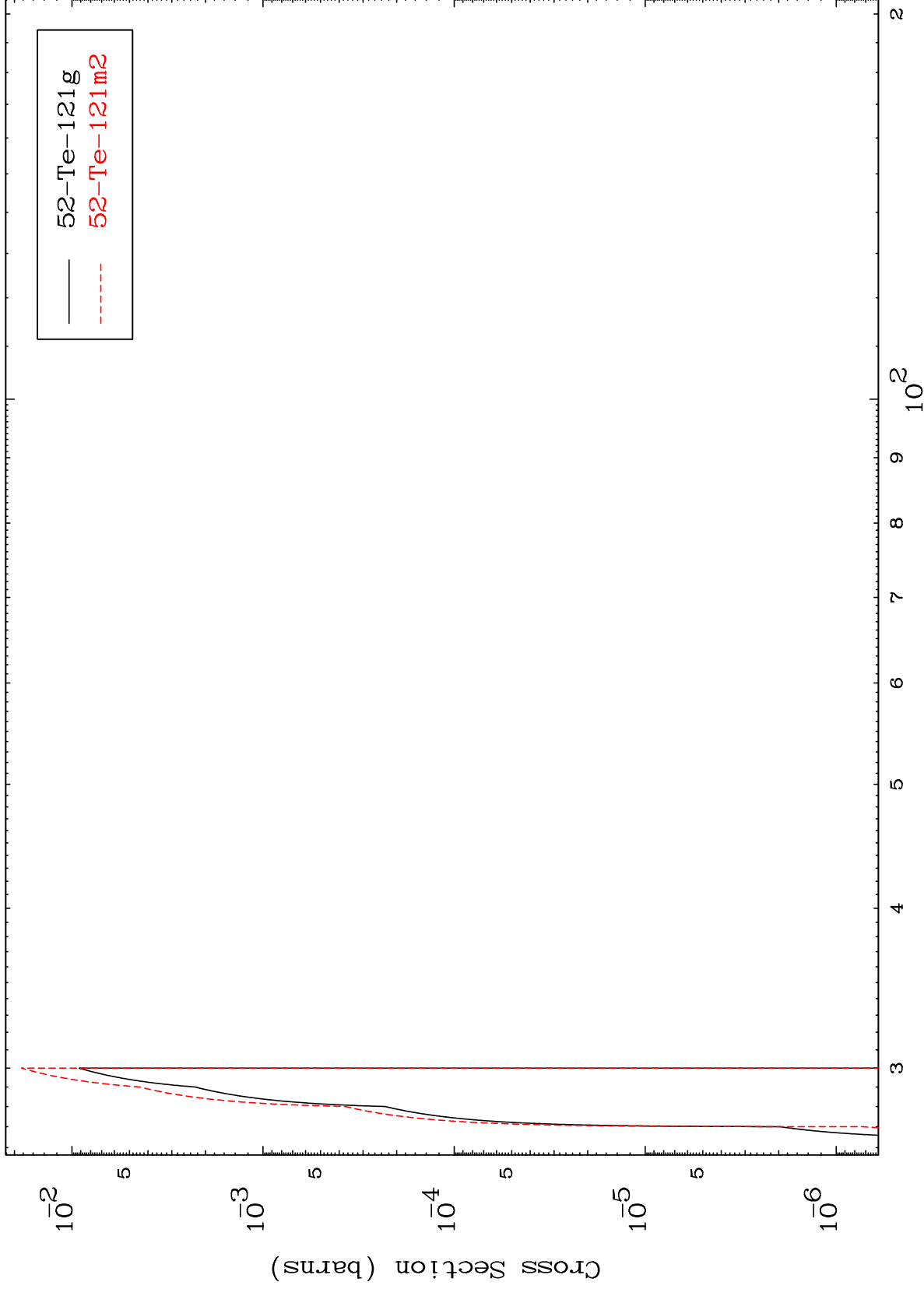


MAT 5237

(n,4n)

52-Te-124

Radionuclide Production Cross Section

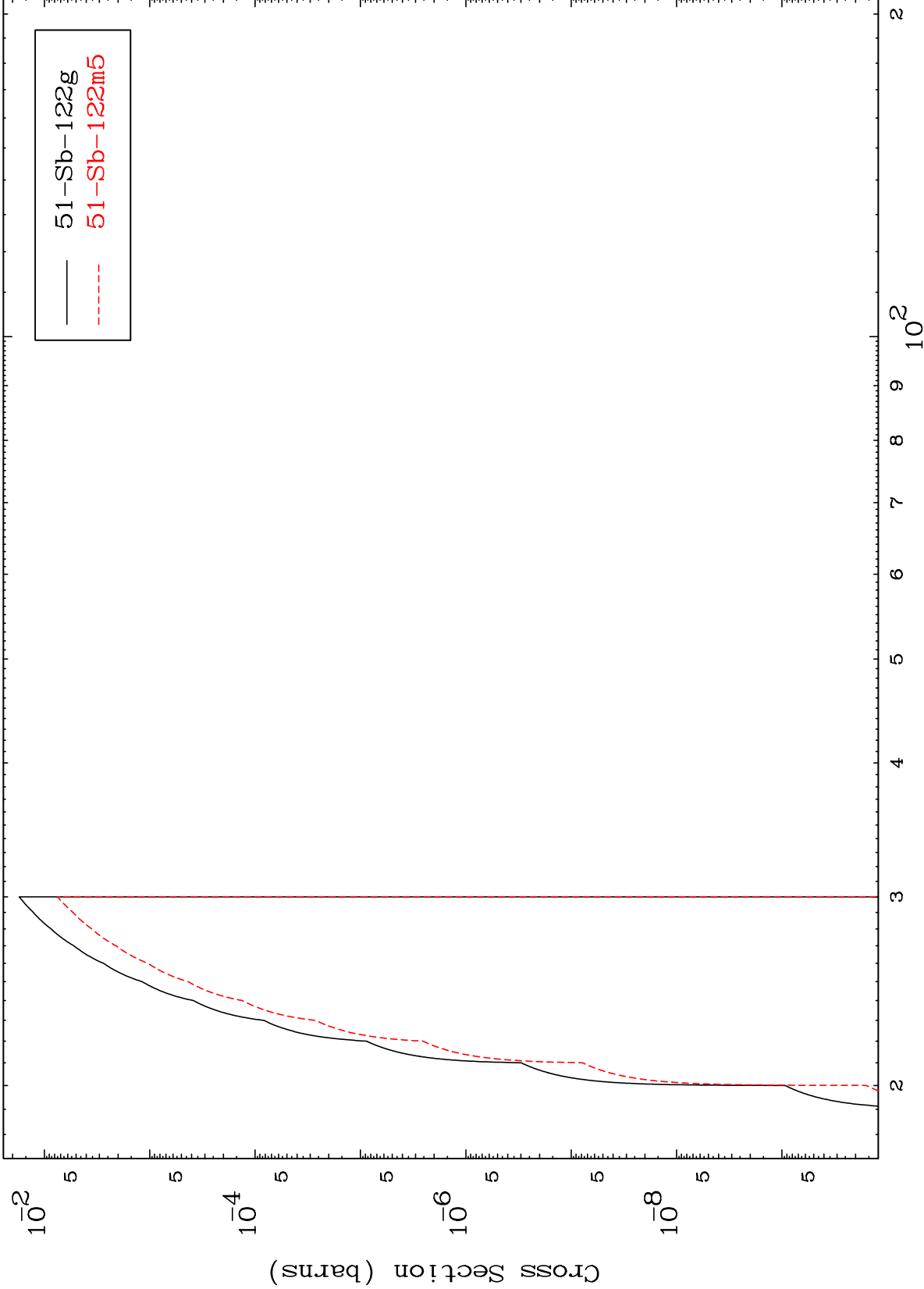


138

Incident Energy (MeV)

52-Te-124

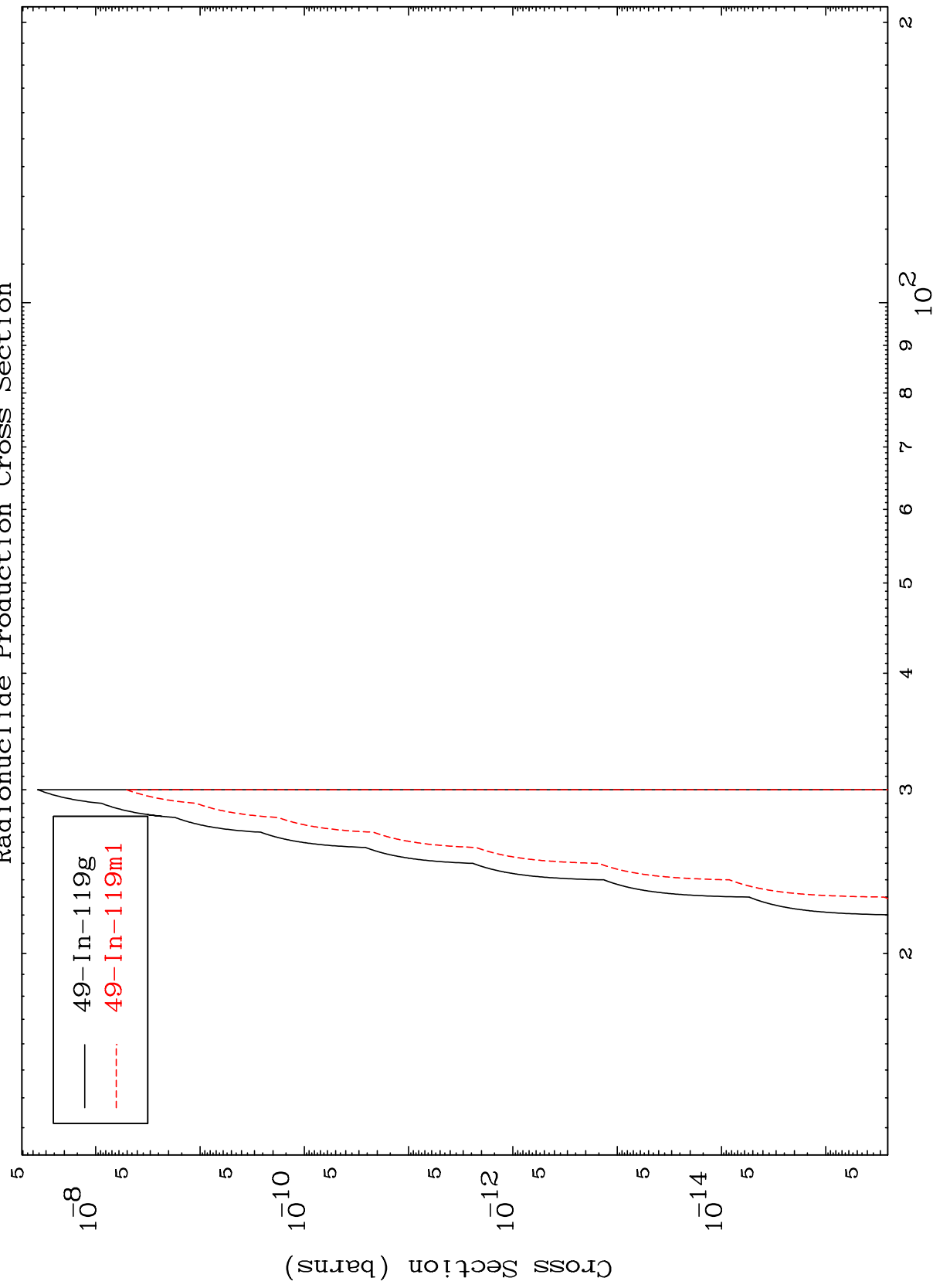
Radionuclide Production Cross Section



MAT 5237

52-Te-124

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



140

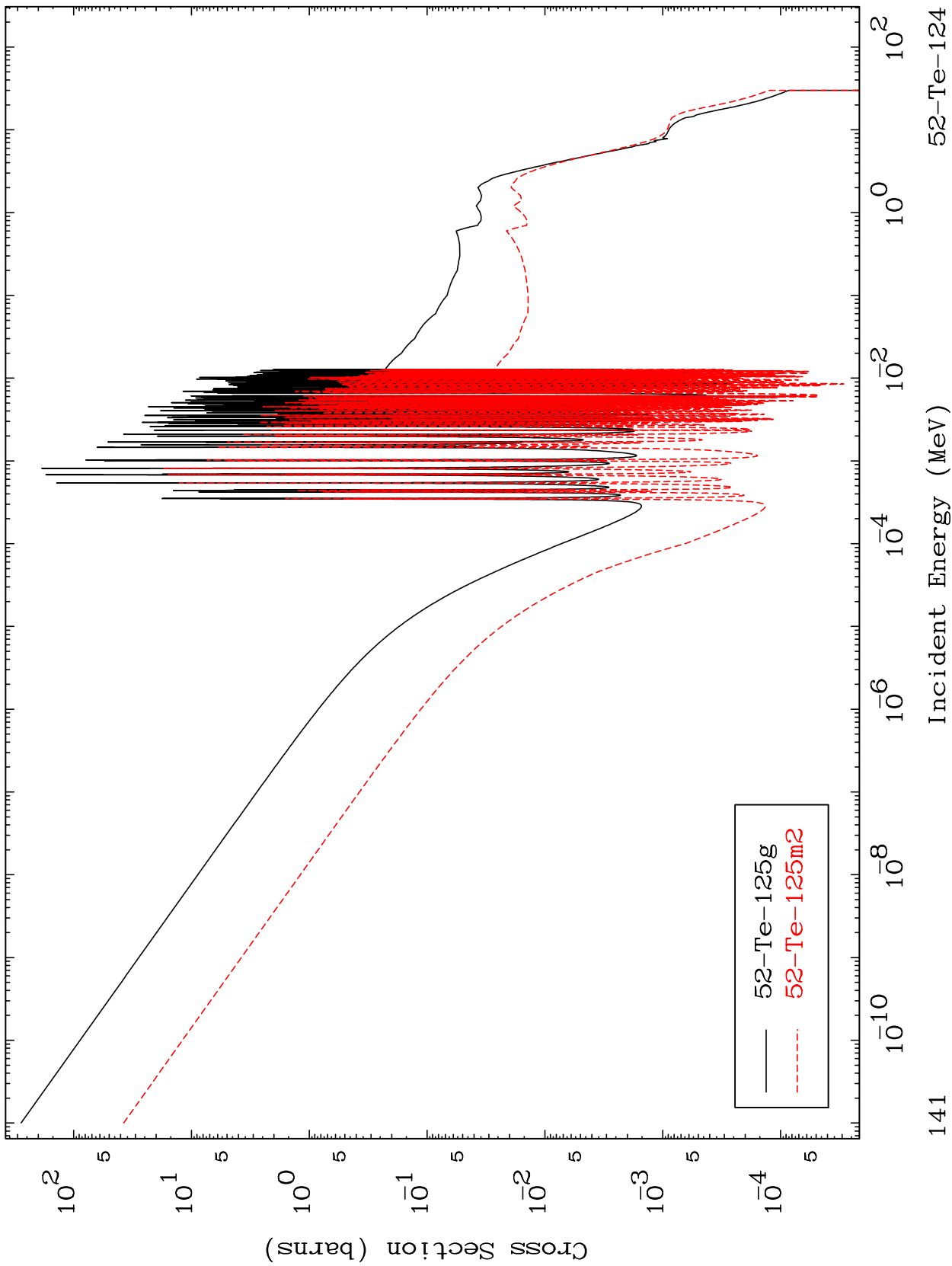
Incident Energy (MeV)

52-Te-124

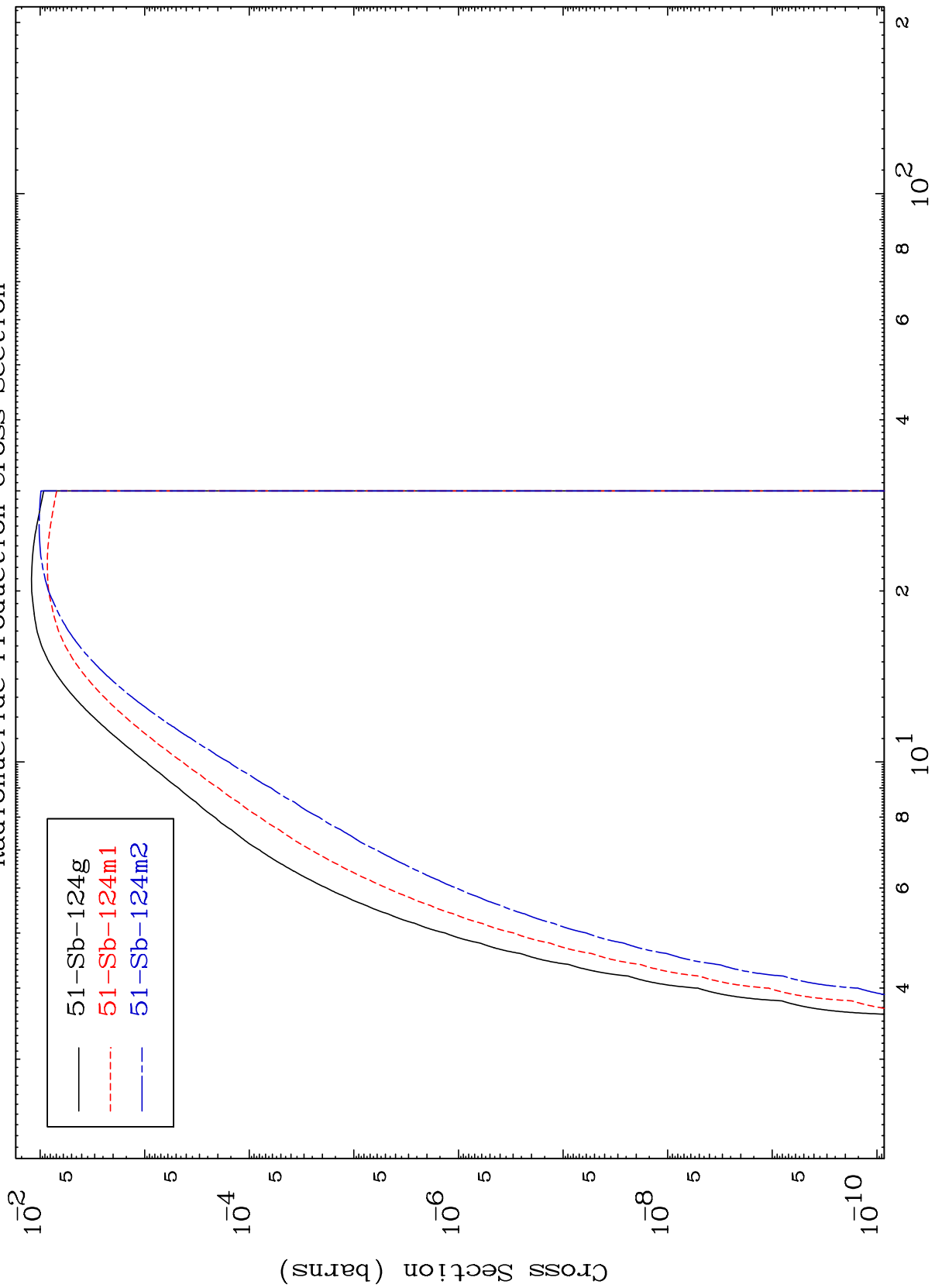
MAT 5237

52-Te-124

(n,γ)
Radionuclide Production Cross Section



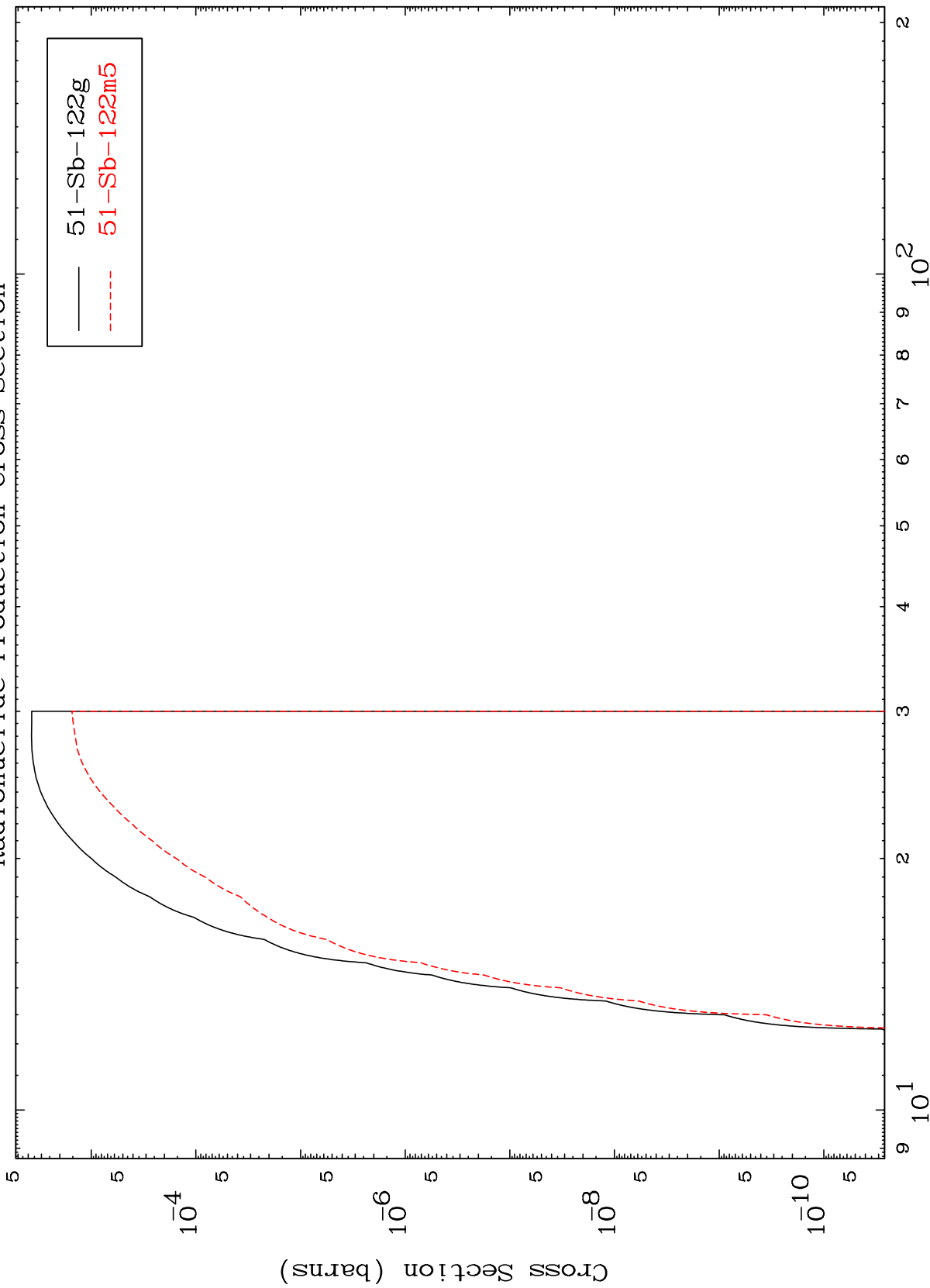
(n,p)
Radionuclide Production Cross Section



MAT 5237

52-Te-124

(n, t)
Radionuclide Production Cross Section



52-Te-124

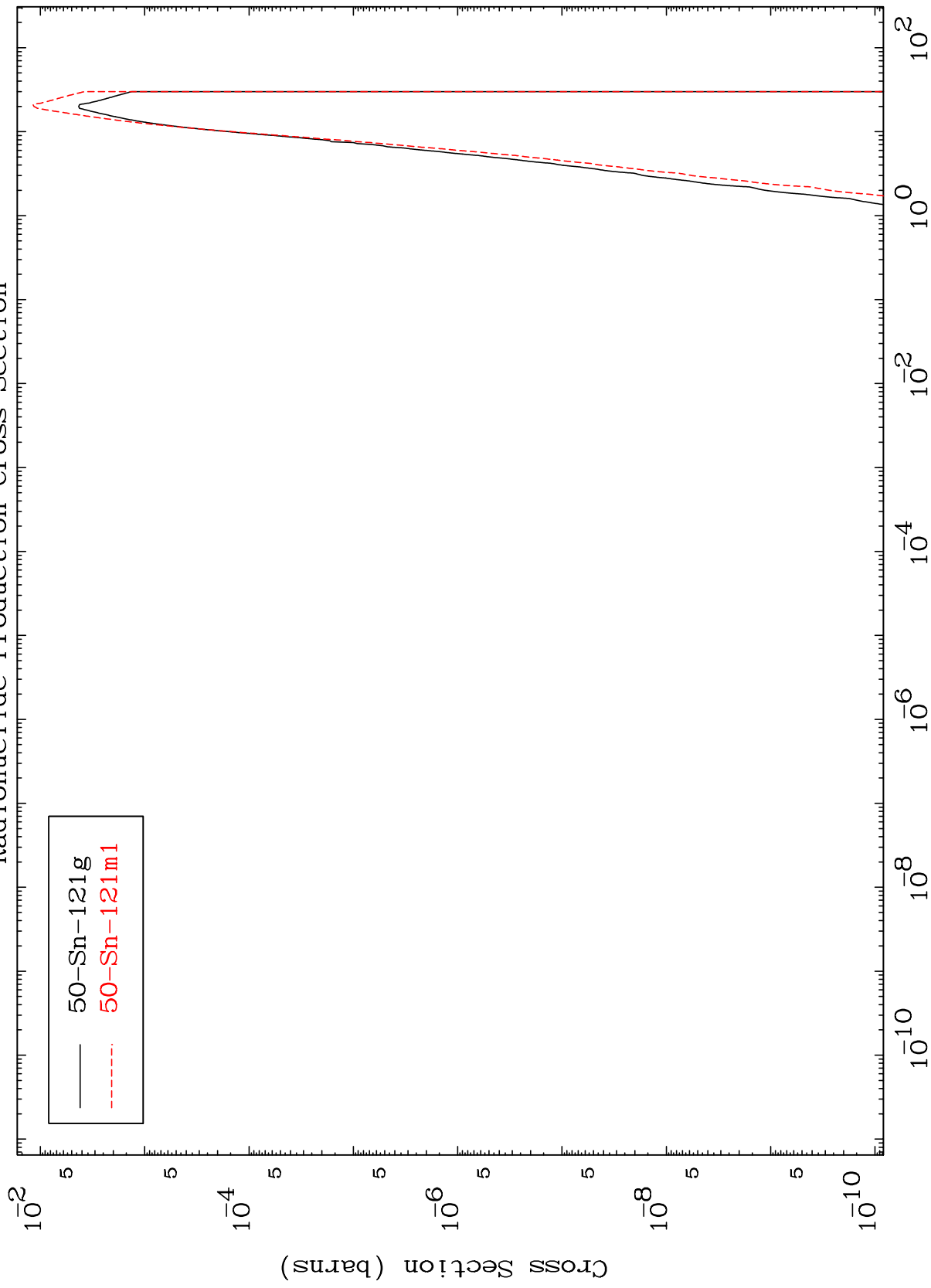
Incident Energy (MeV)

143

MAT 5237

52-Te-124

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-124

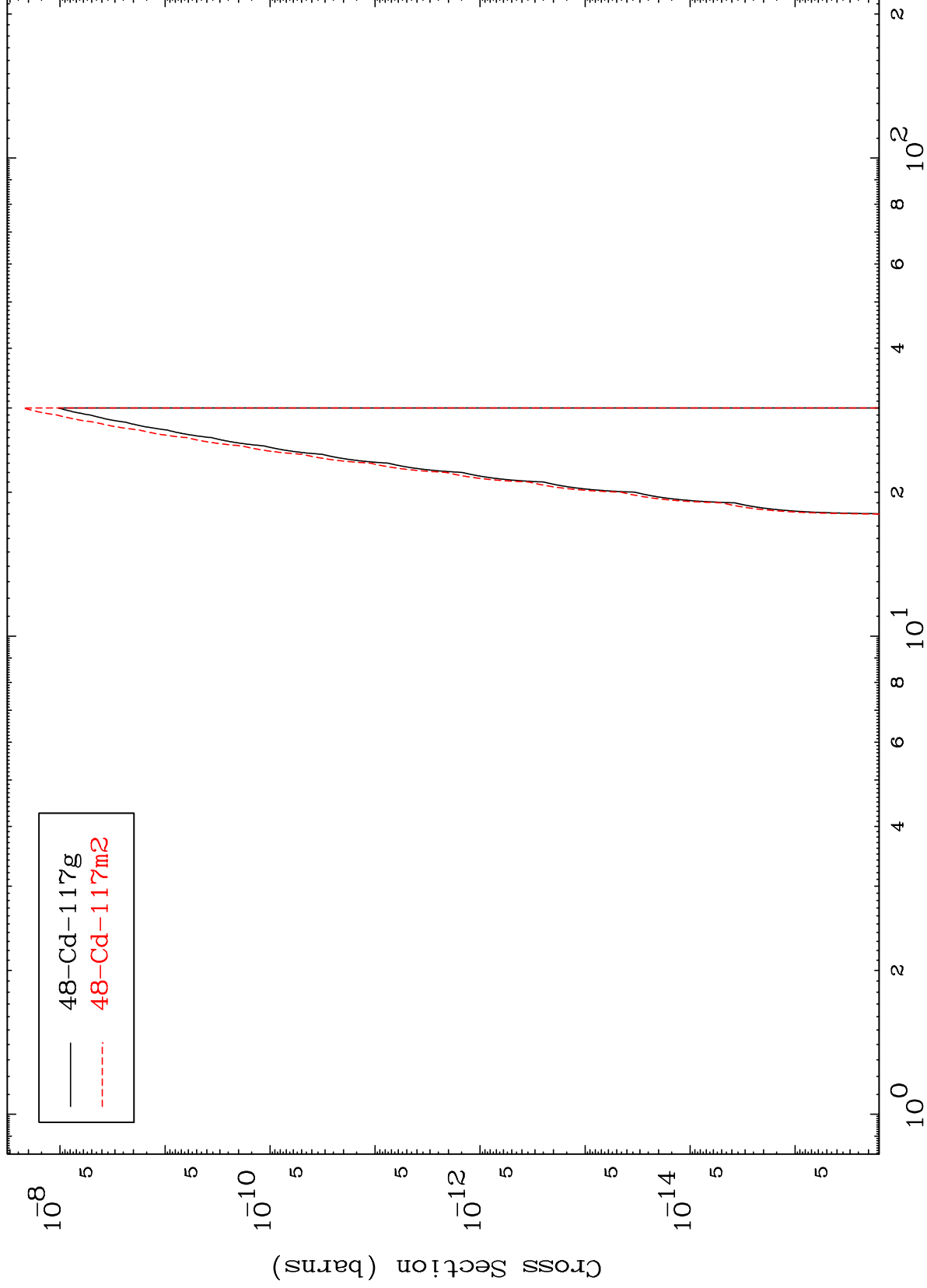
144

MAT 5237

(n,2α)

52-Te-124

Radionuclide Production Cross Section



145

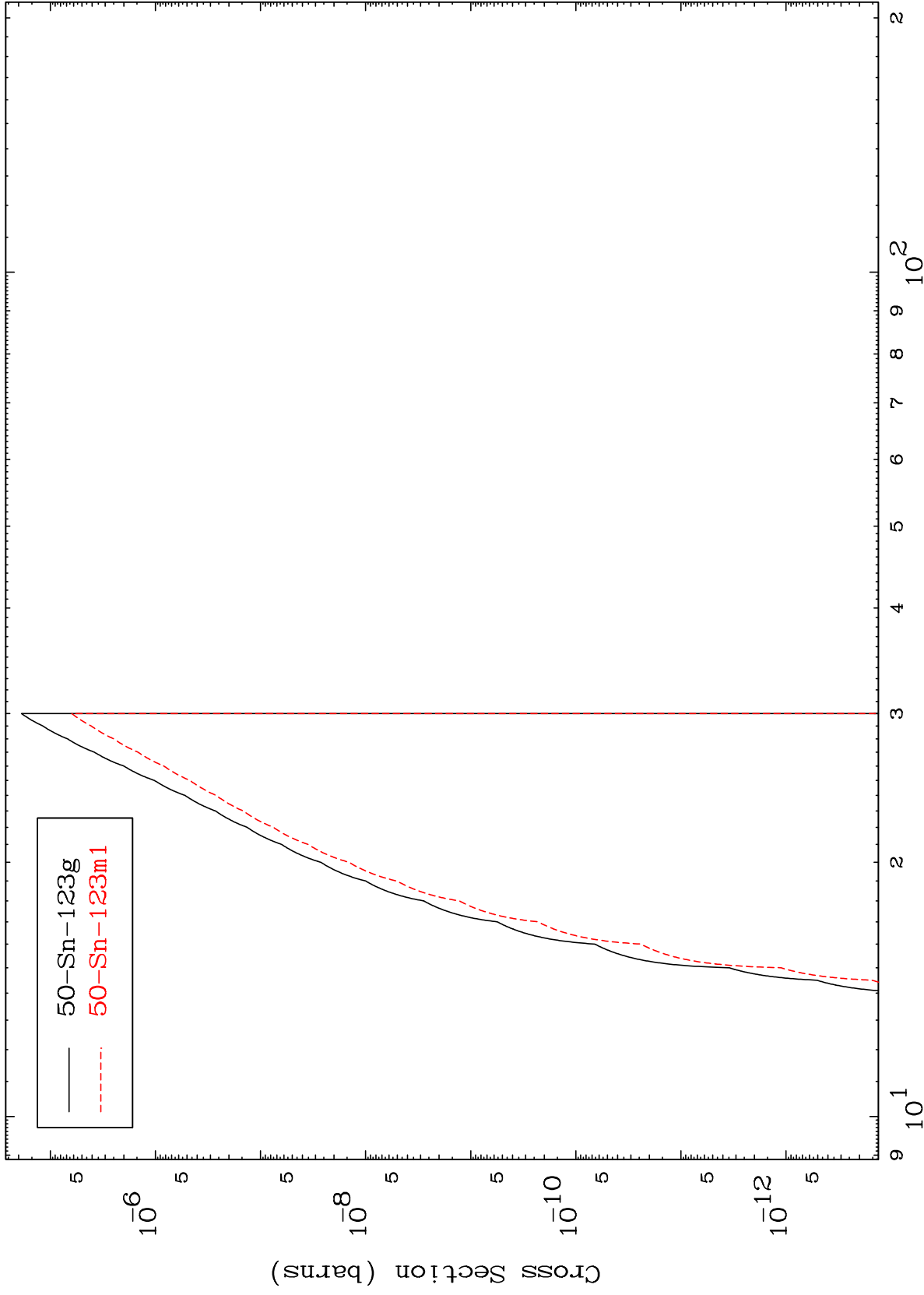
Incident Energy (MeV)

52-Te-124

MAT 5237

52-Te-124

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

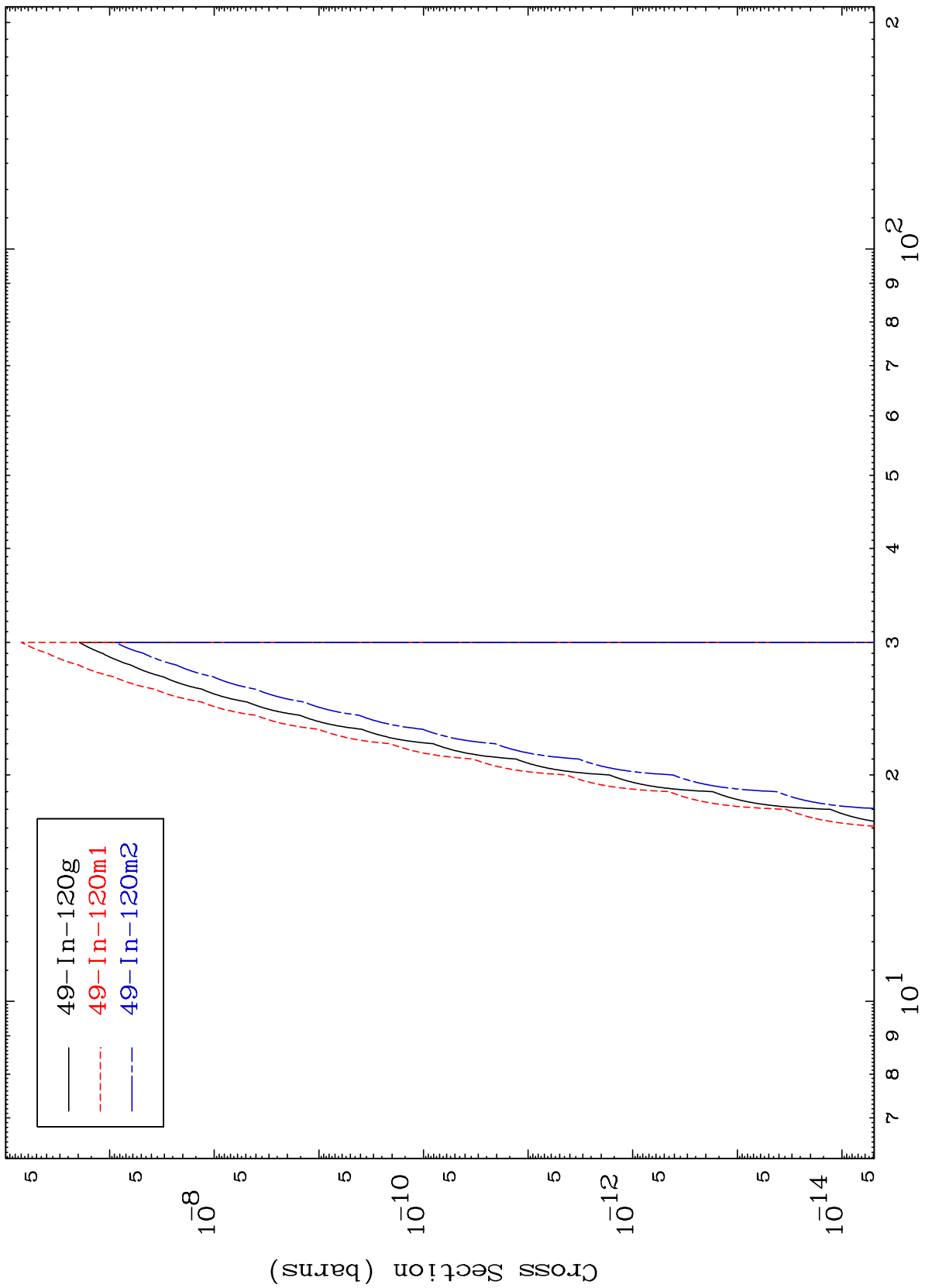
52-Te-124

MAT 5237

(n,p) α

52-Te-124

Radionuclide Production Cross Section

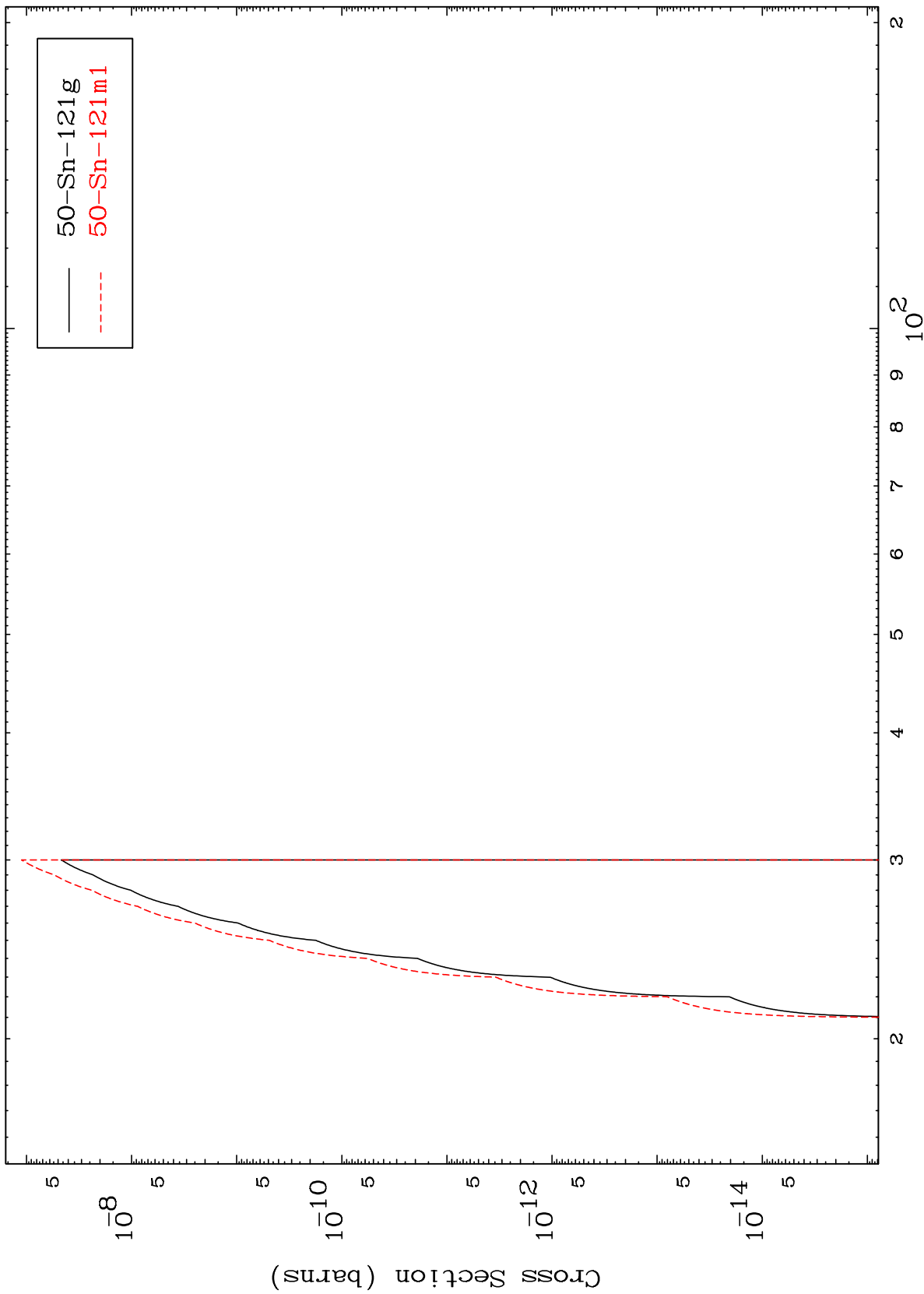


147

Incident Energy (MeV)

52-Te-124

Radionuclide Production Cross Section

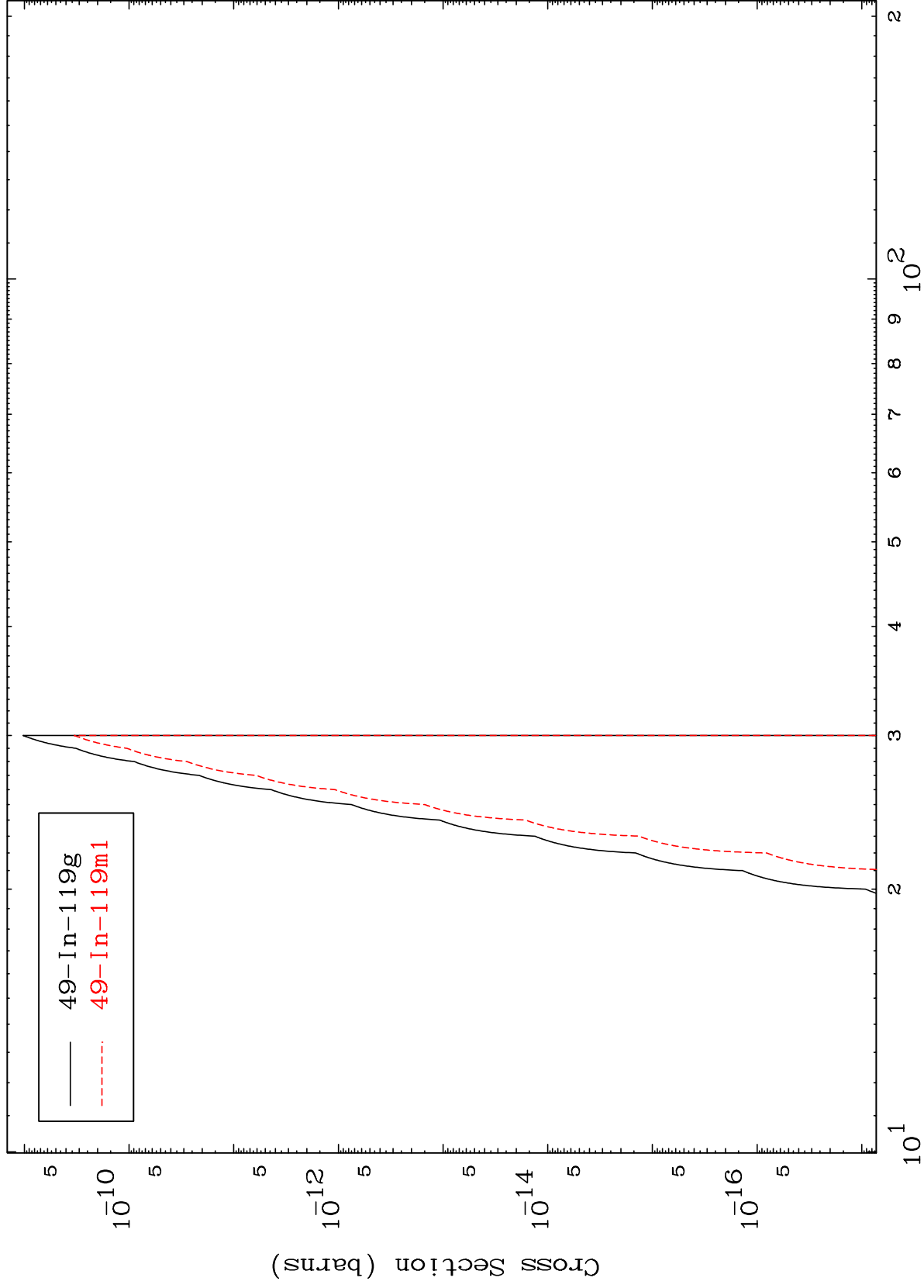


MAT 5237

(n,d) α

52-Te-124

Radionuclide Production Cross Section



149

Incident Energy (MeV)

52-Te-124