

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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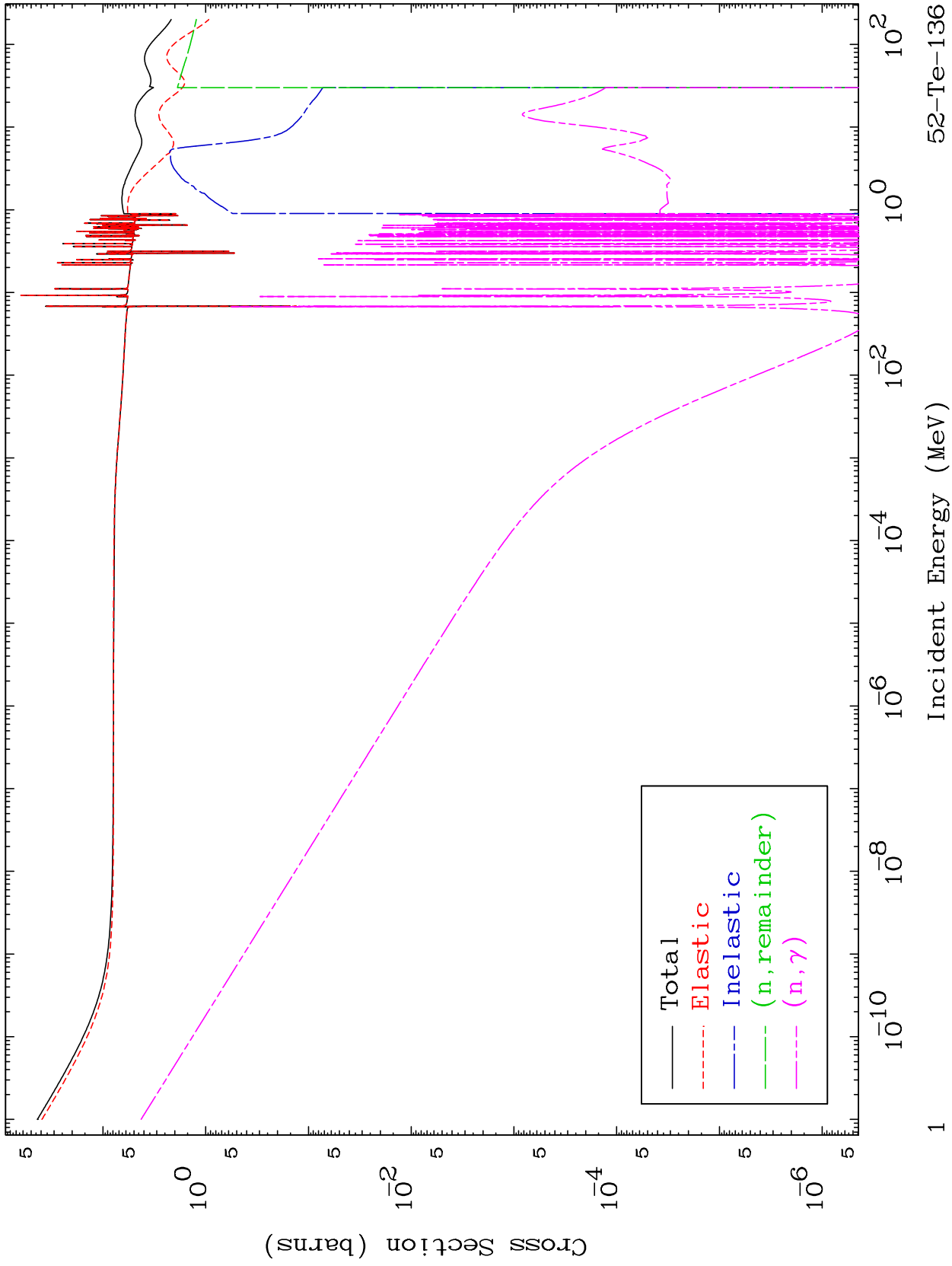
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5273

Major  
293 Kelvin Cross Sections

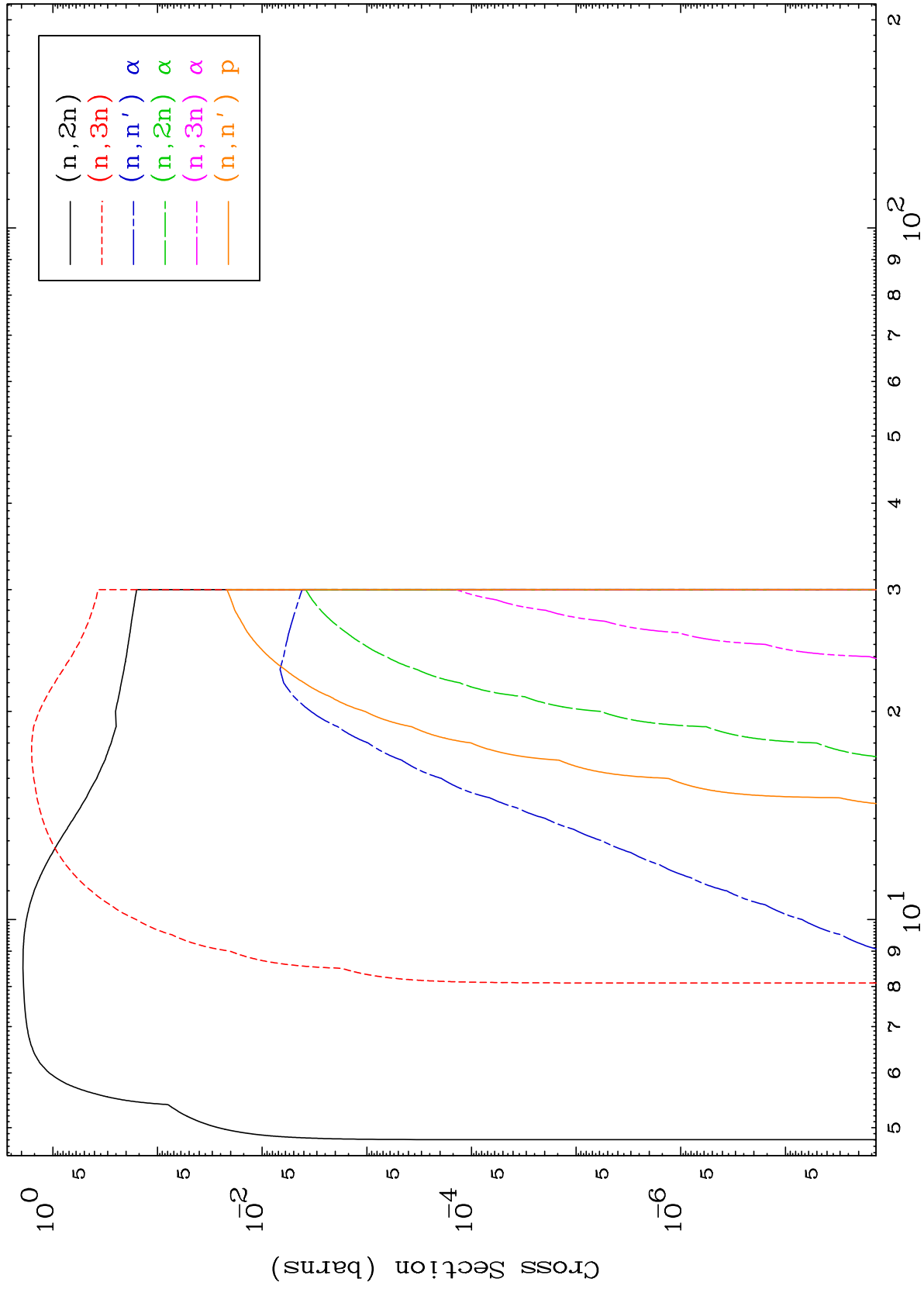
52-Te-136



MAT 5273

Neutron Production  
293 Kelvin Cross Sections

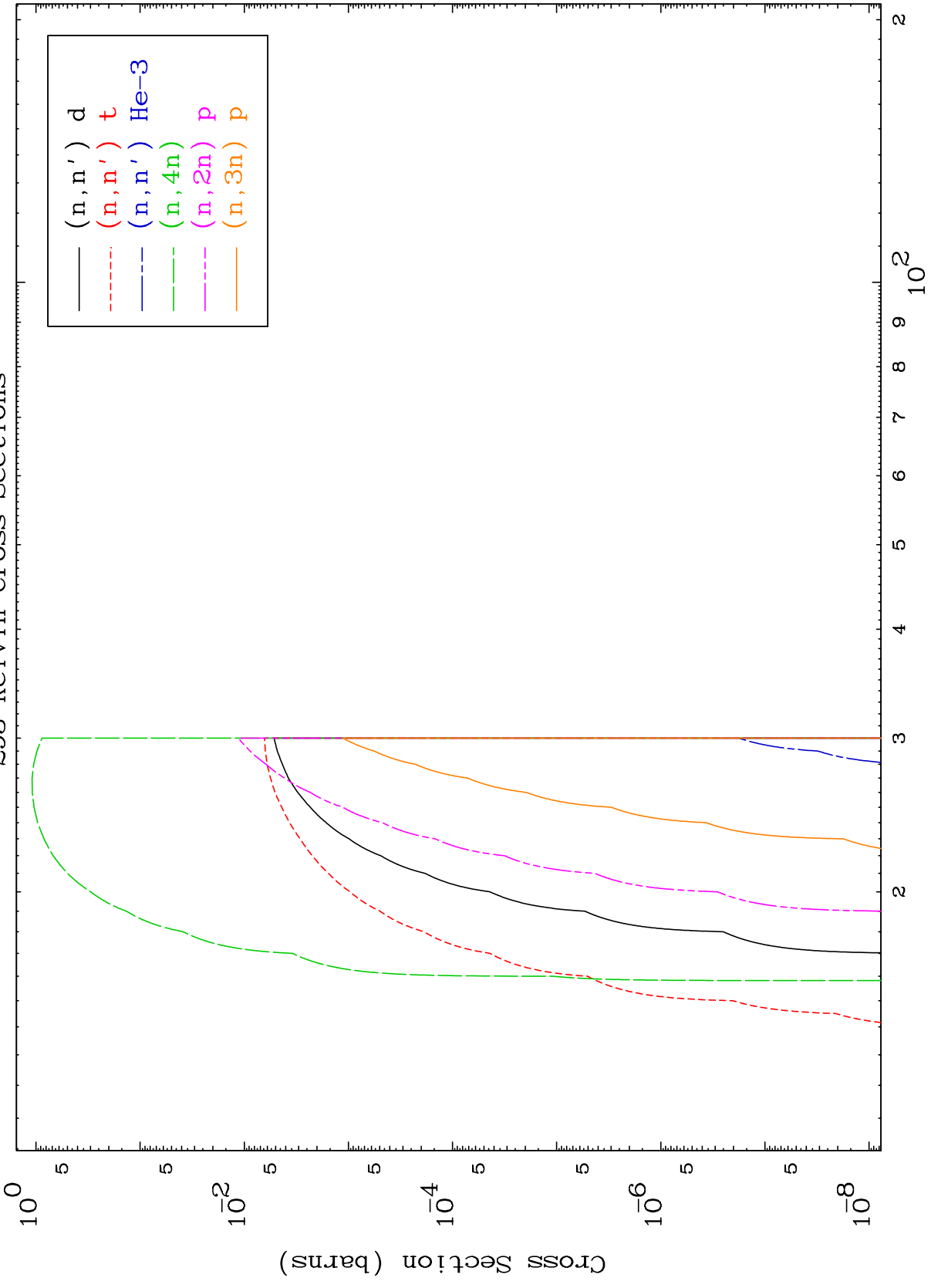
52-Te-136

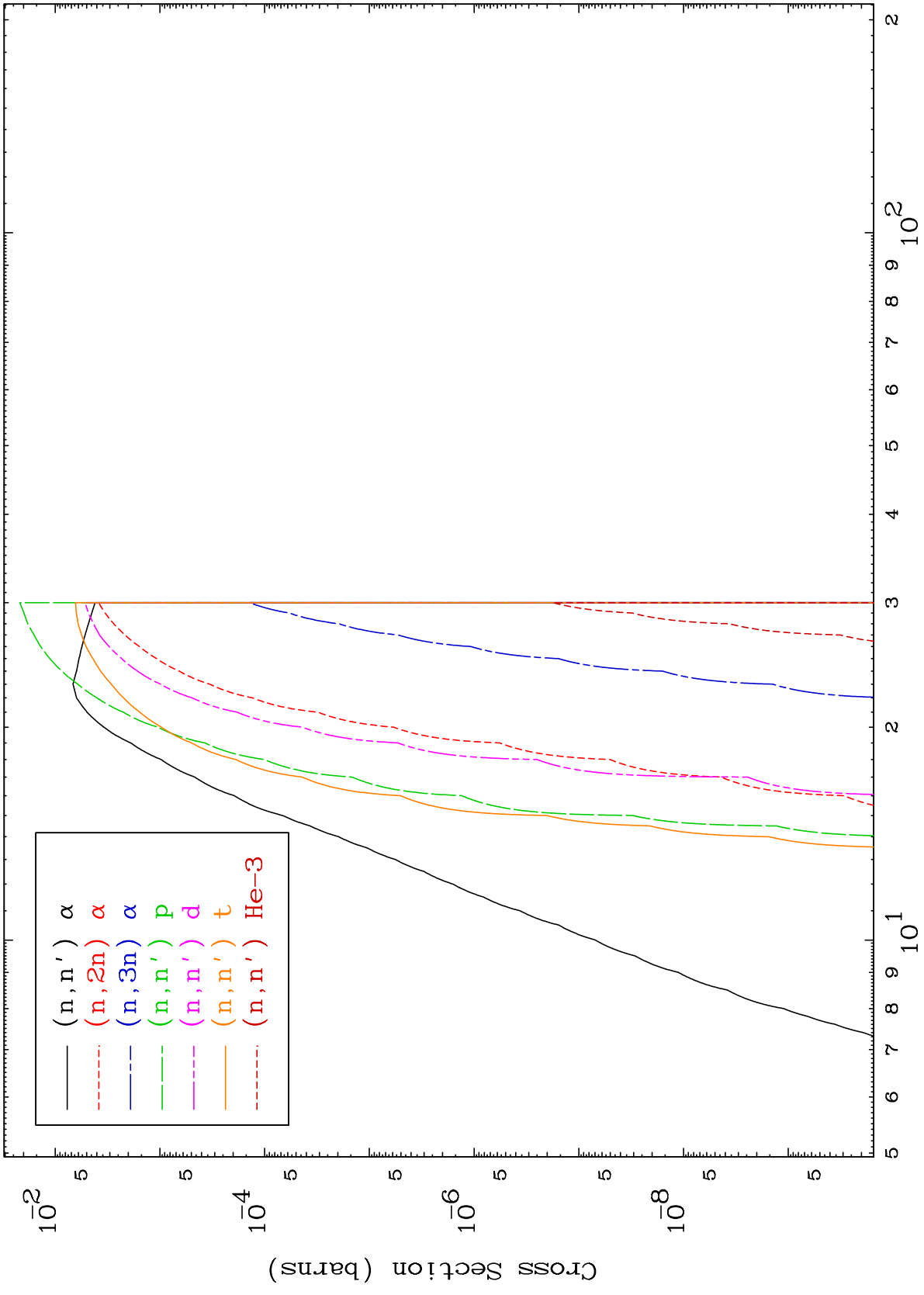


2

Incident Energy (MeV)

52-Te-136

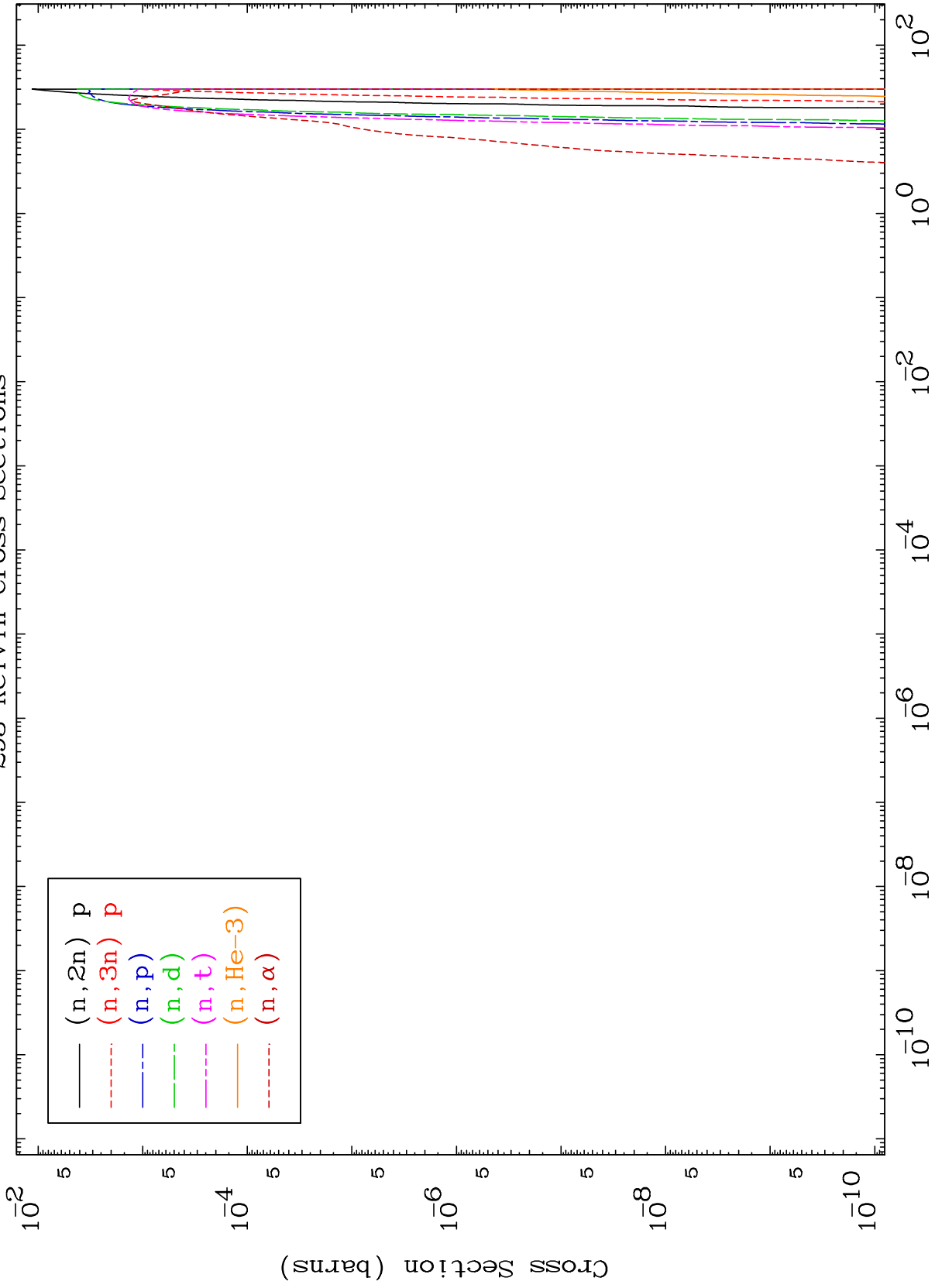




MAT 5273

Charged Particle  
293 Kelvin Cross Sections

52-Te-136



5

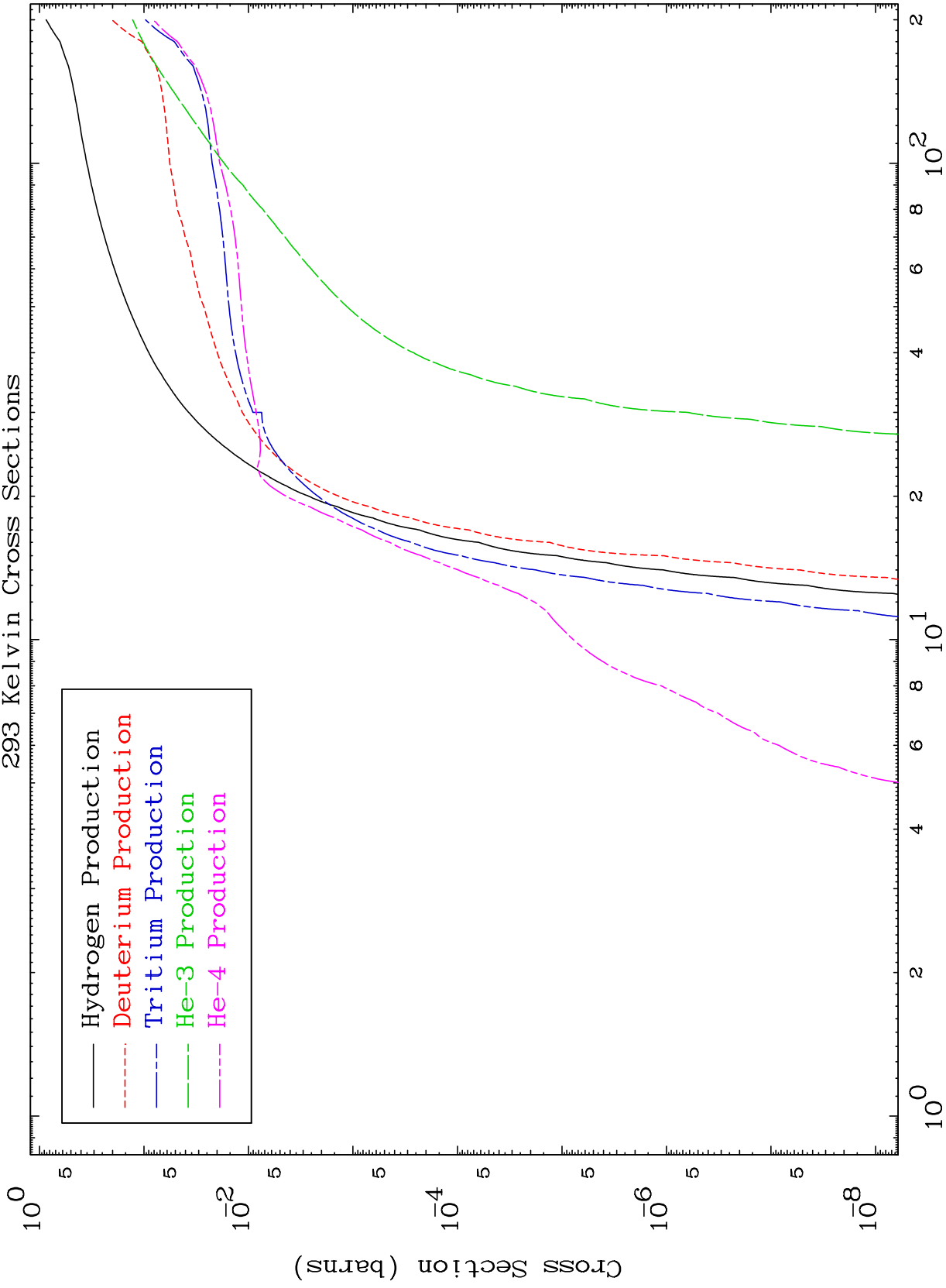
Incident Energy (MeV)

52-Te-136

MAT 5273

Particle Production  
293 Kelvin Cross Sections

52-Te-136



6

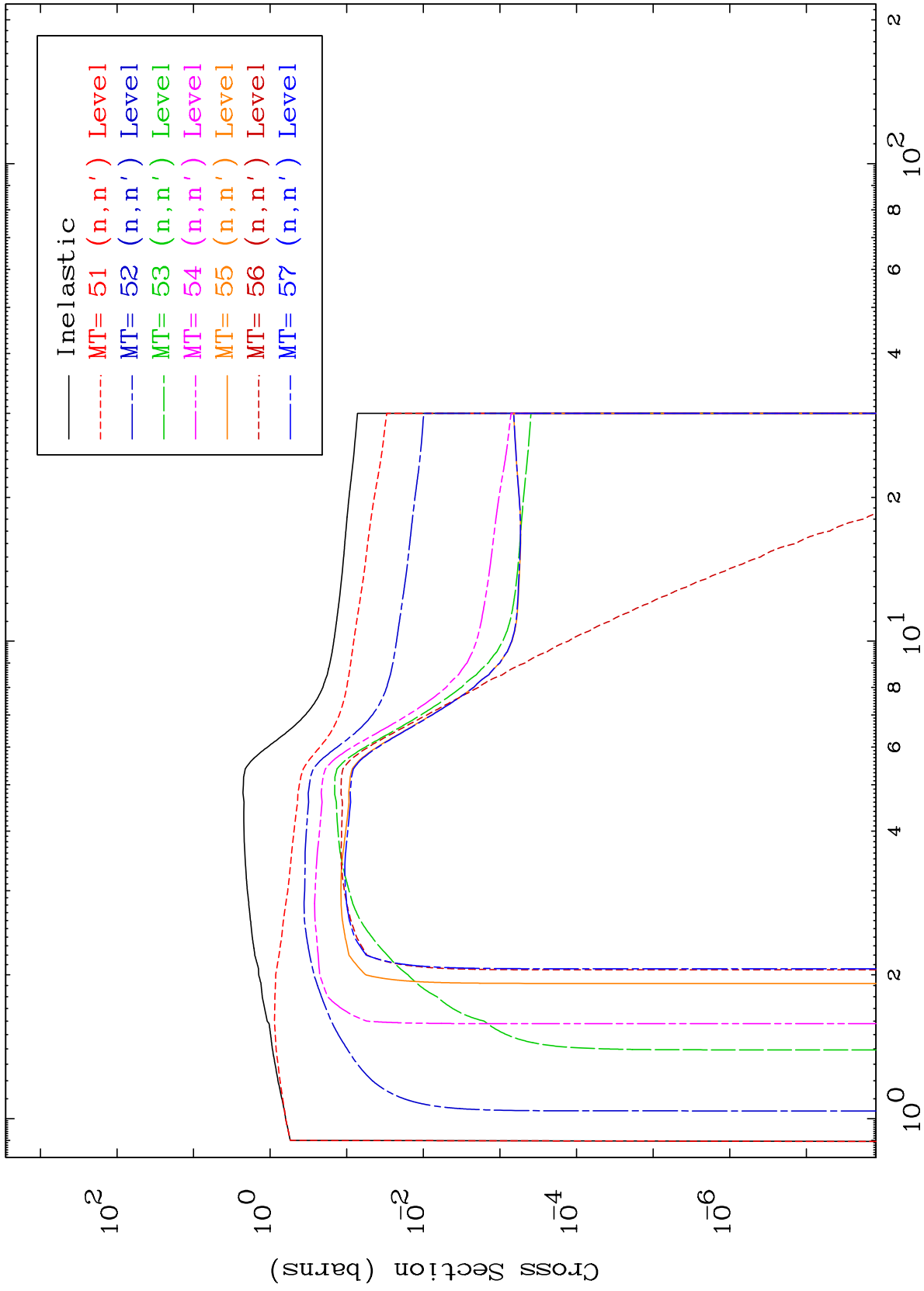
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,n') Level  
293 Kelvin Cross Sections

52-Te-136



7

Incident Energy (MeV)

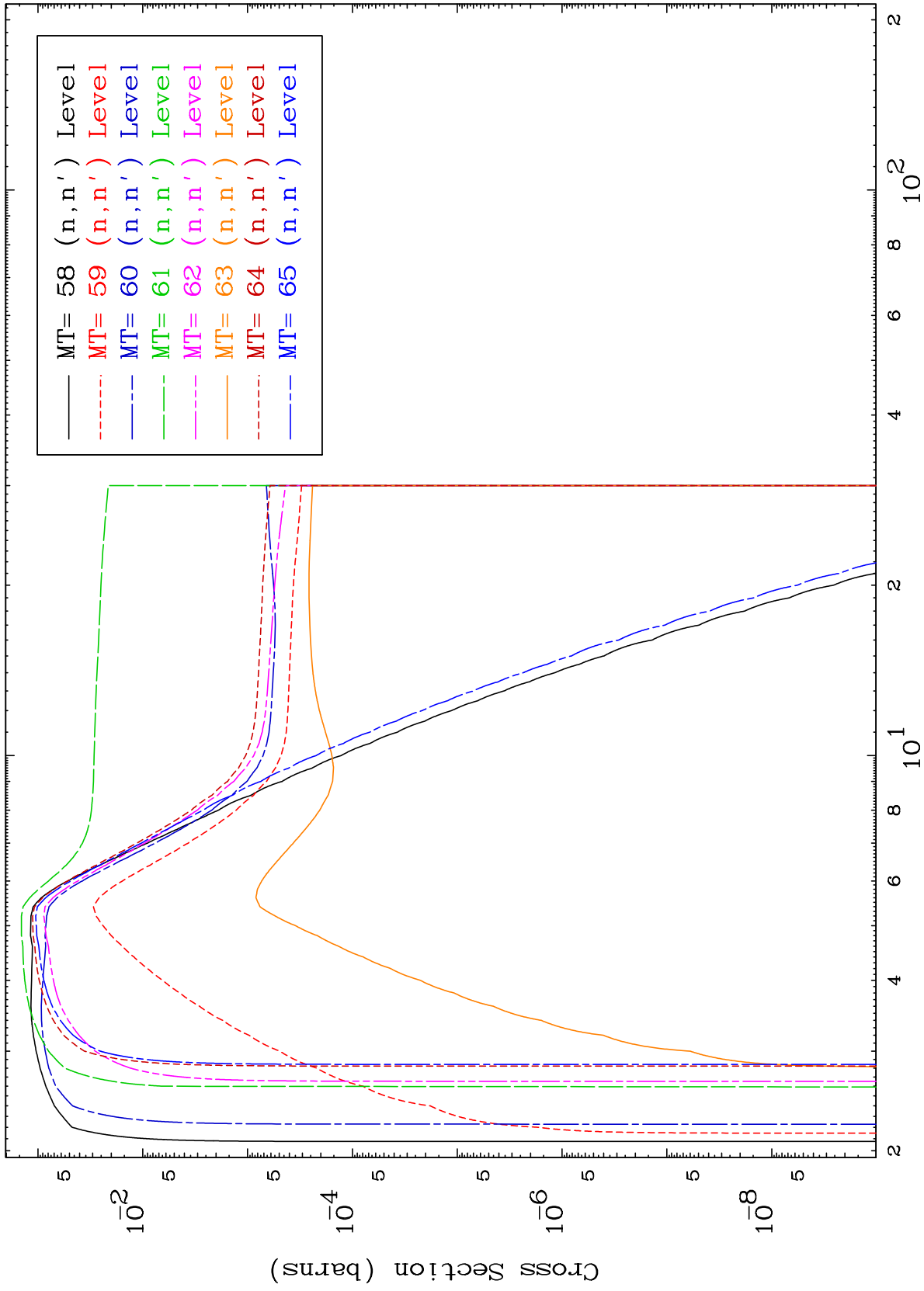
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MAT 5273

(n,n') Level

52-Te-136

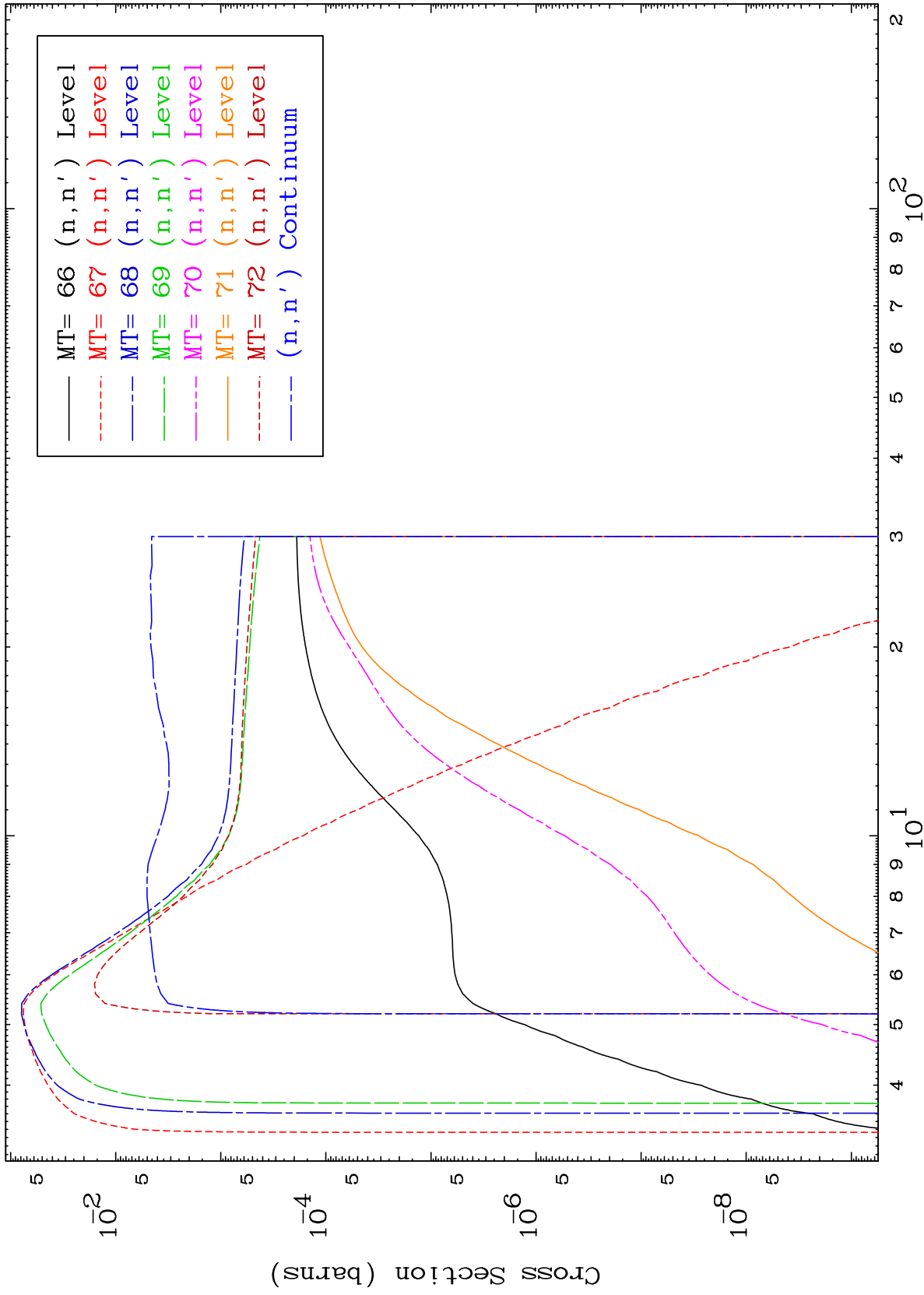
293 Kelvin Cross Sections



8

Incident Energy (MeV)

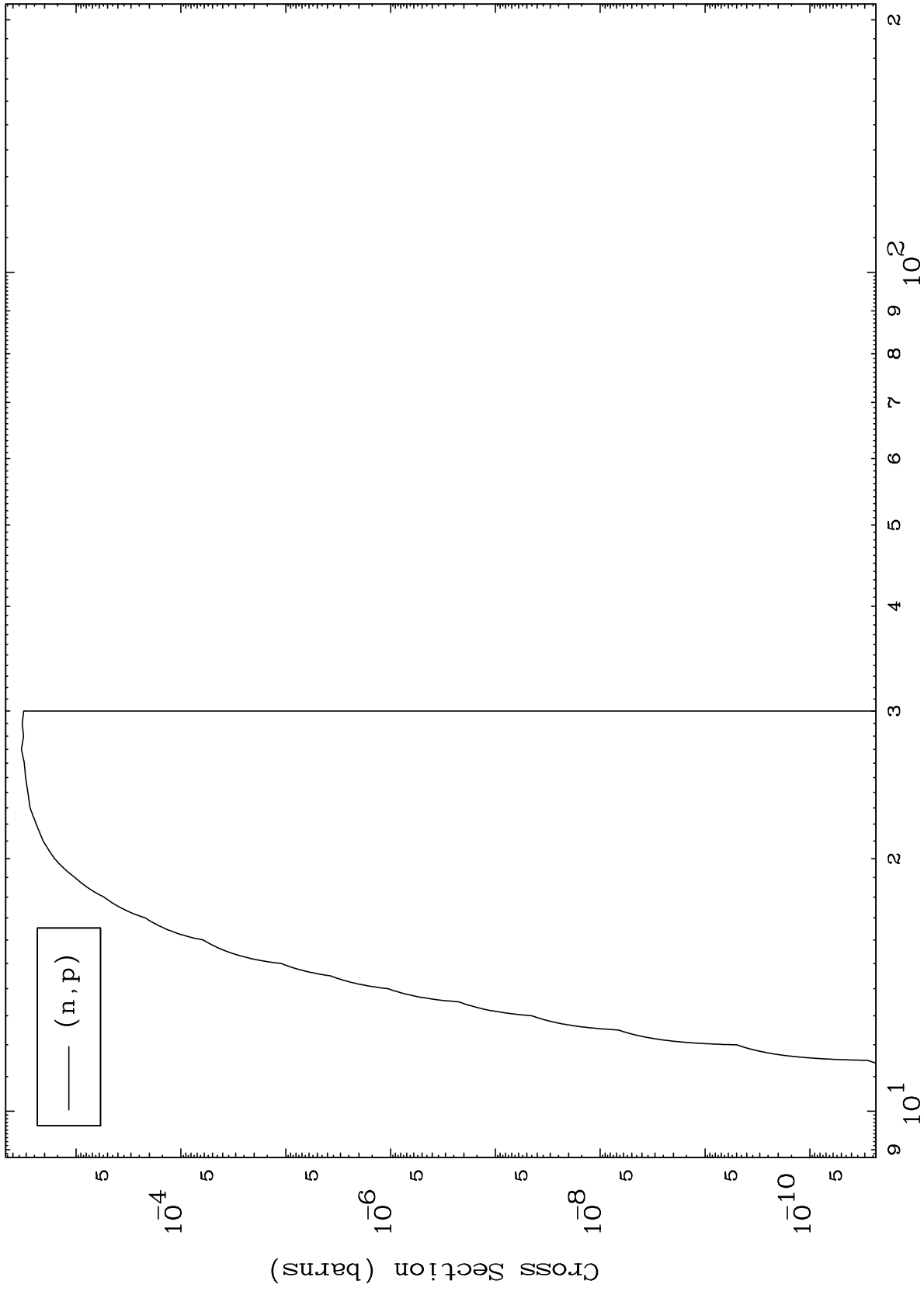
52-Te-136



MAT 5273

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-136



Incident Energy (MeV)

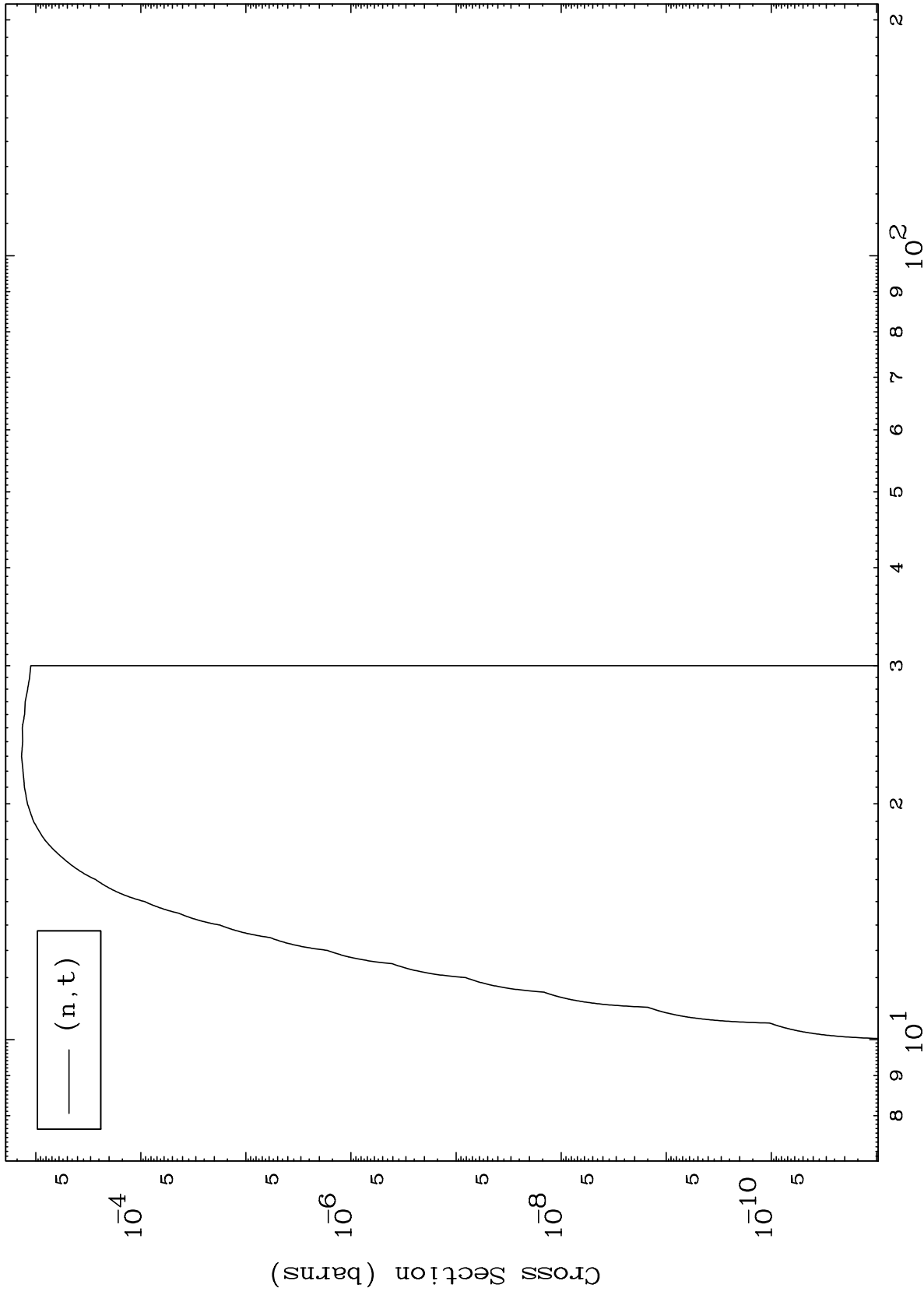
52-Te-136



MAT 5273

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-136



12

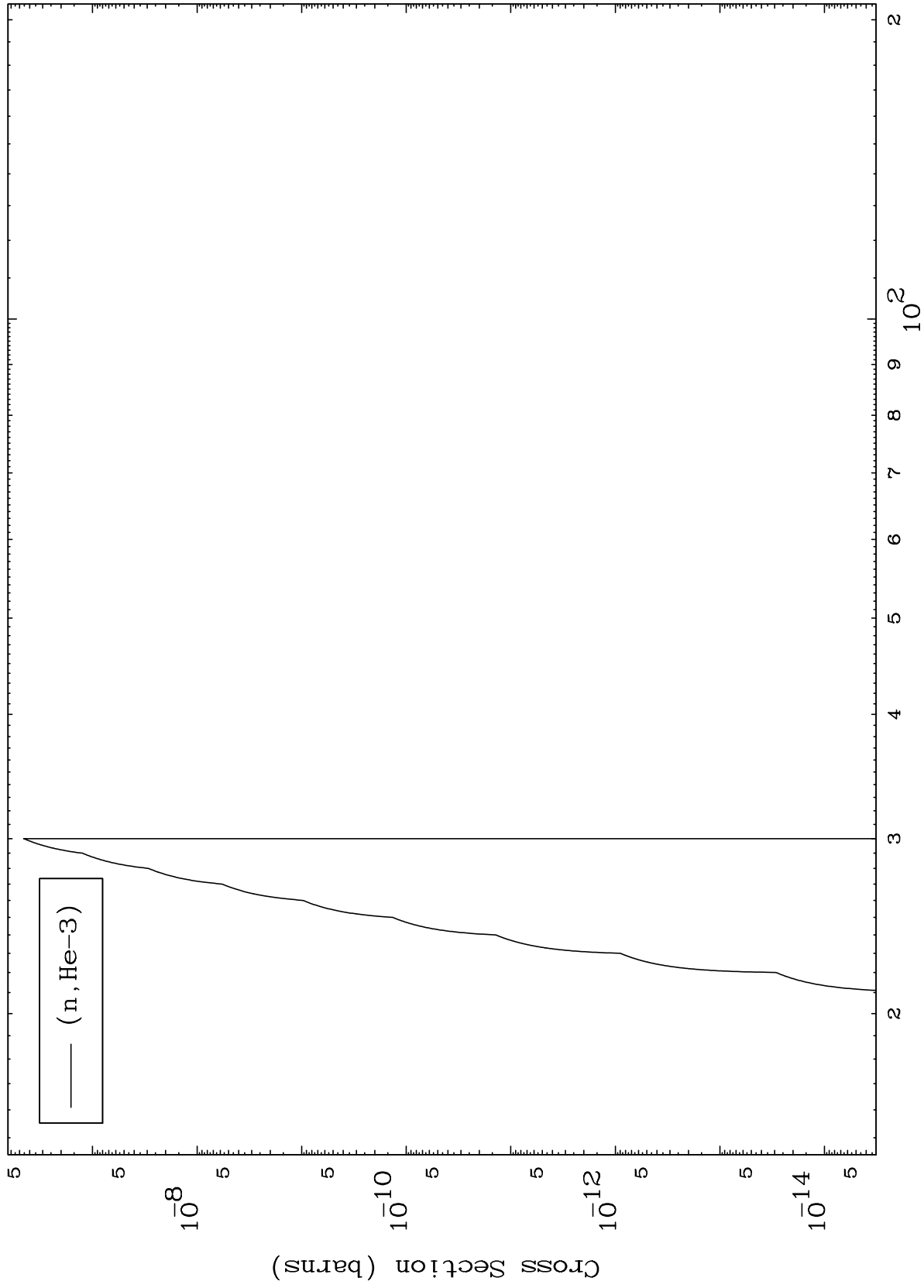
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-136



13

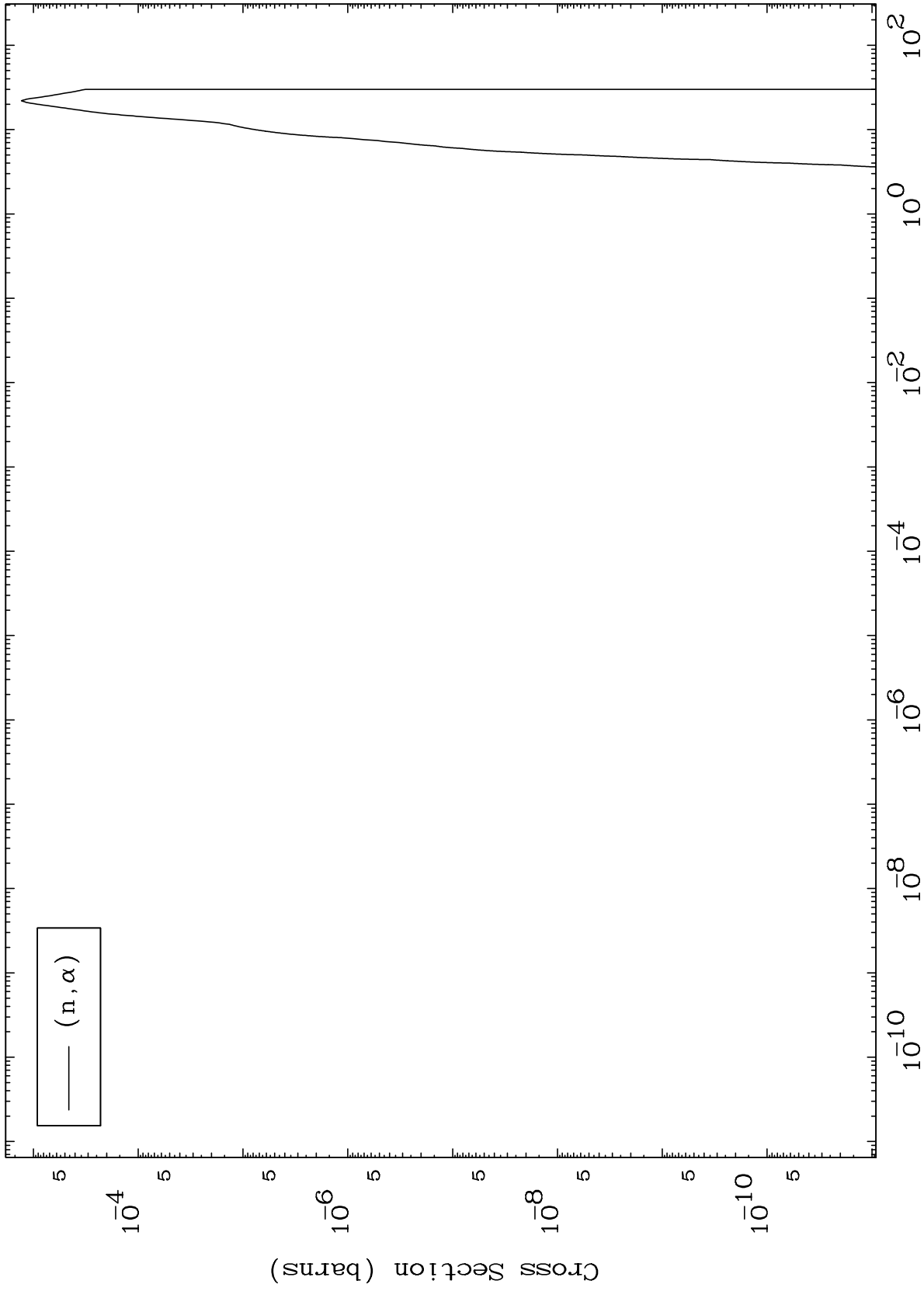
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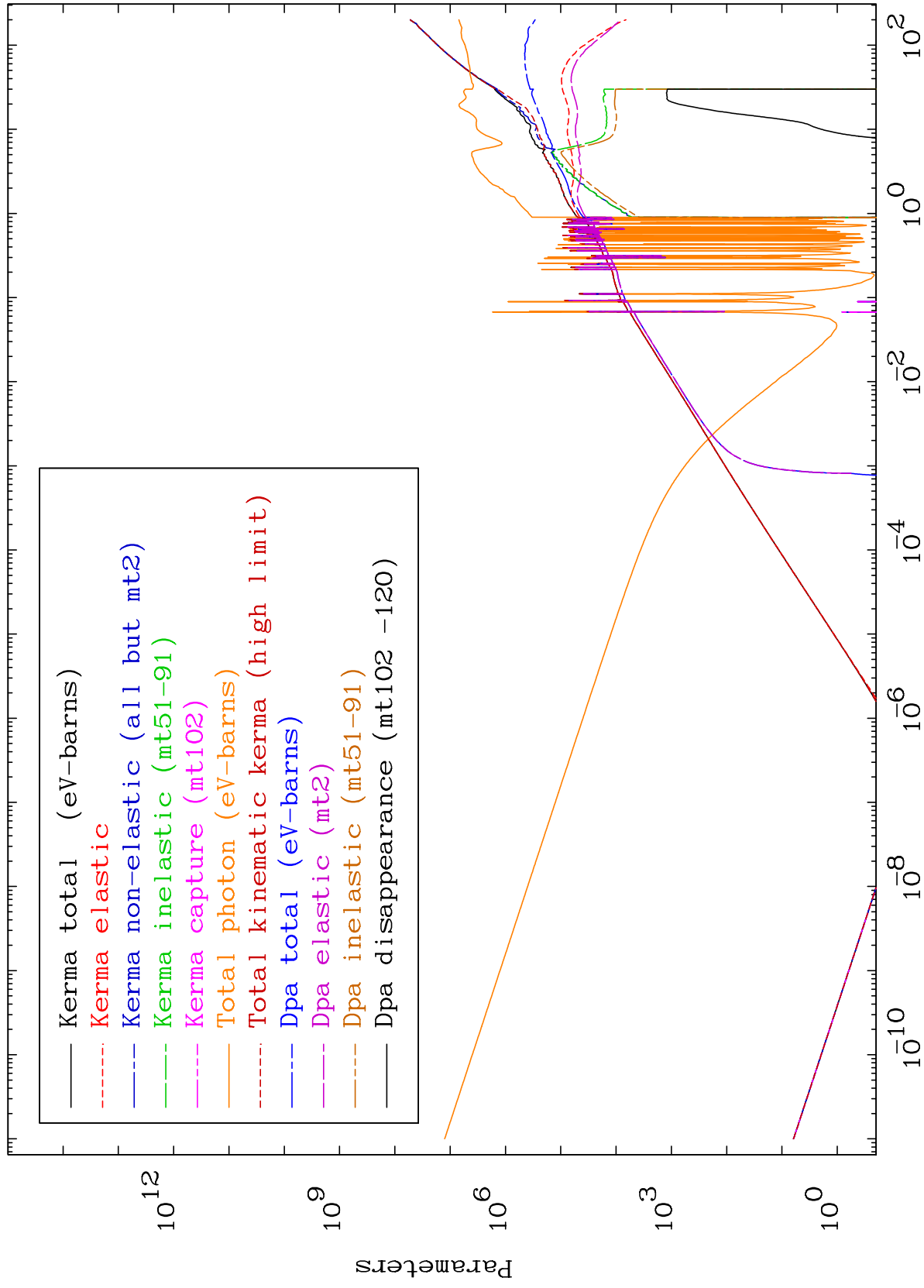
52-Te-136

MAT 5273

(n,α) Levels  
293 Kelvin Cross Sections

52-Te-136

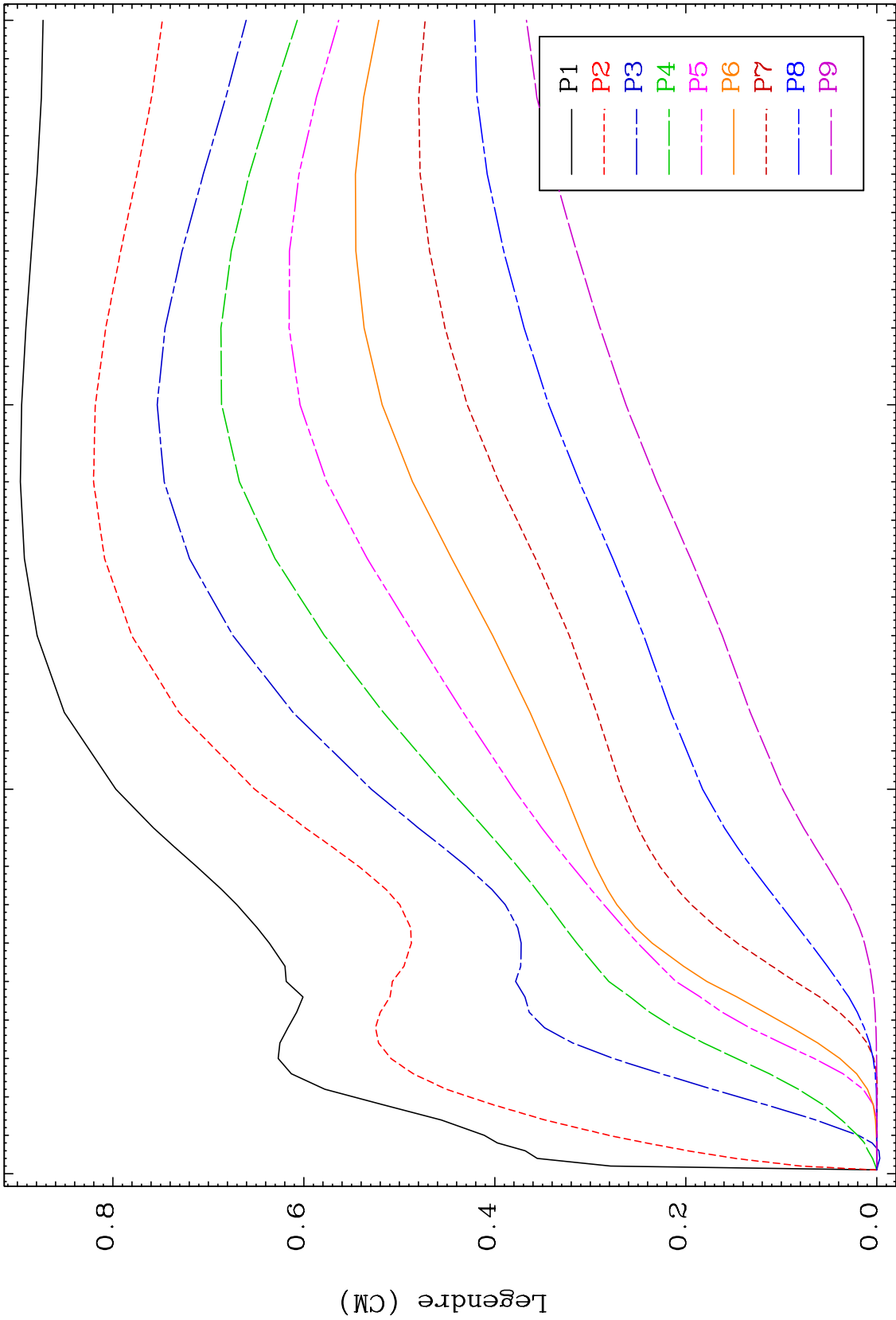




MAT 5273

Elastic Legendre Coefficients

$^{52}\text{Te-136}$



16

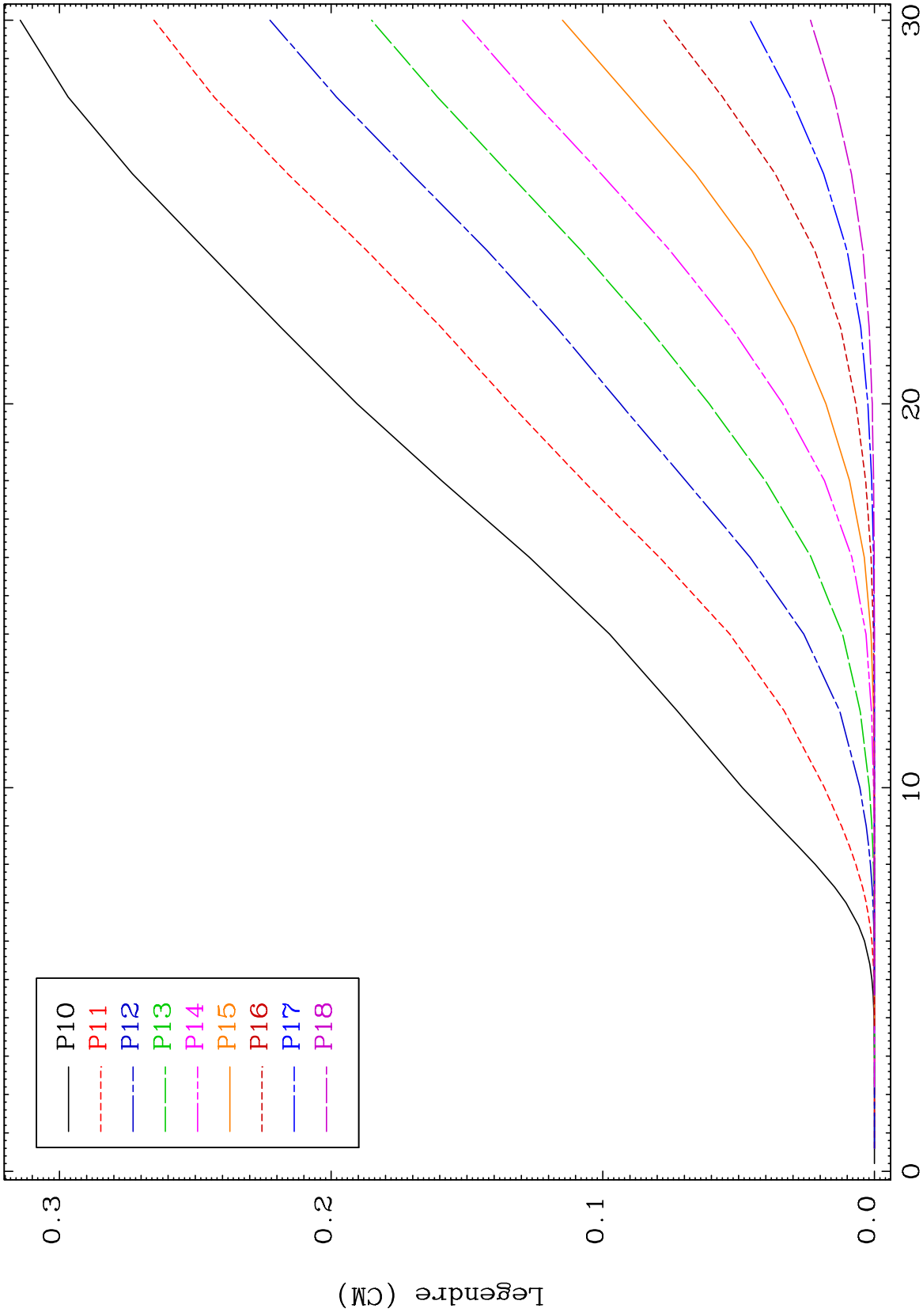
Incident Energy (MeV)

$^{52}\text{Te-136}$

MAT 5273

Elastic Legendre Coefficients

52-Te-136



17

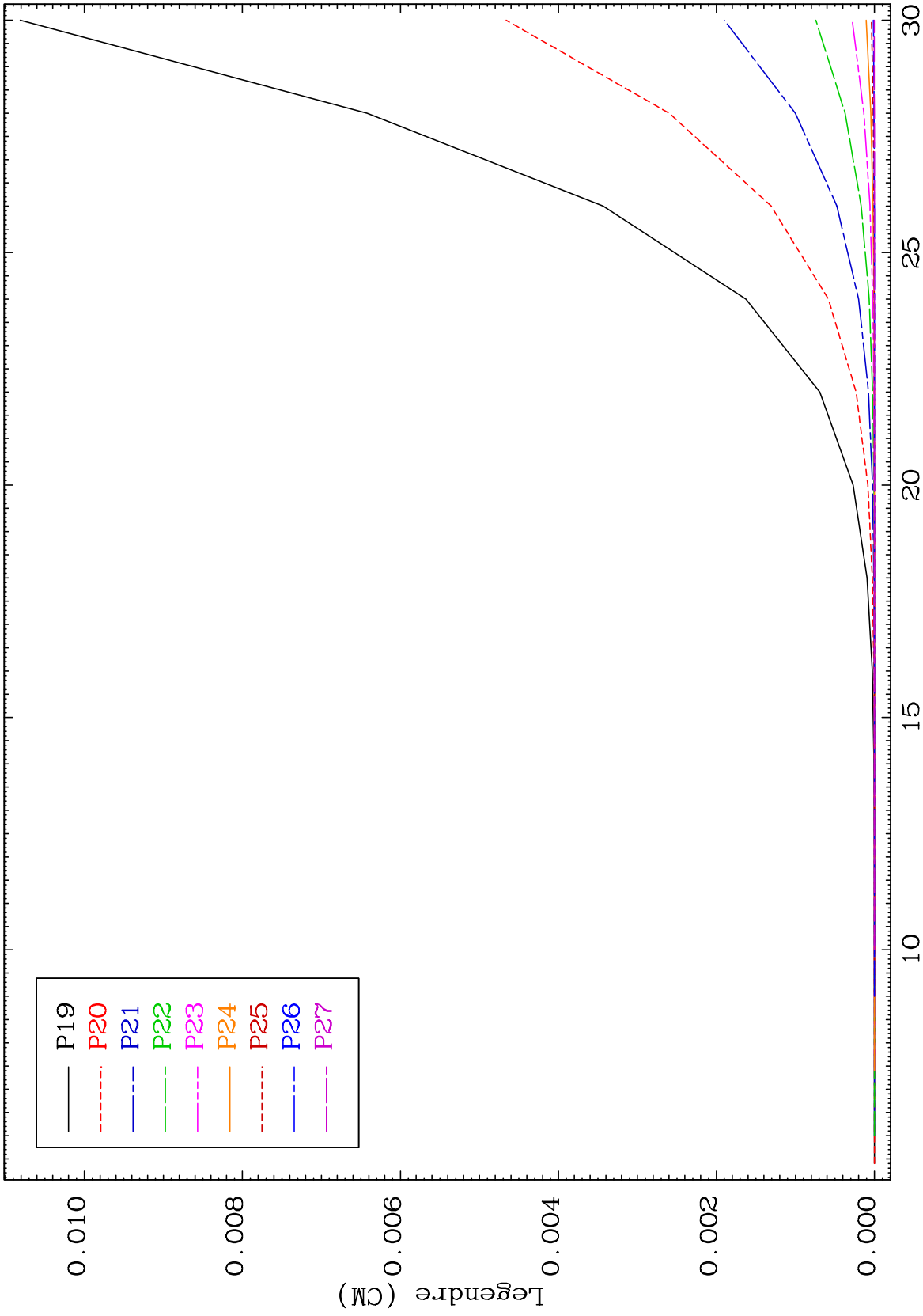
Incident Energy (MeV)

52-Te-136

MAT 5273

### Elastic Legendre Coefficients

52-Te-136



18

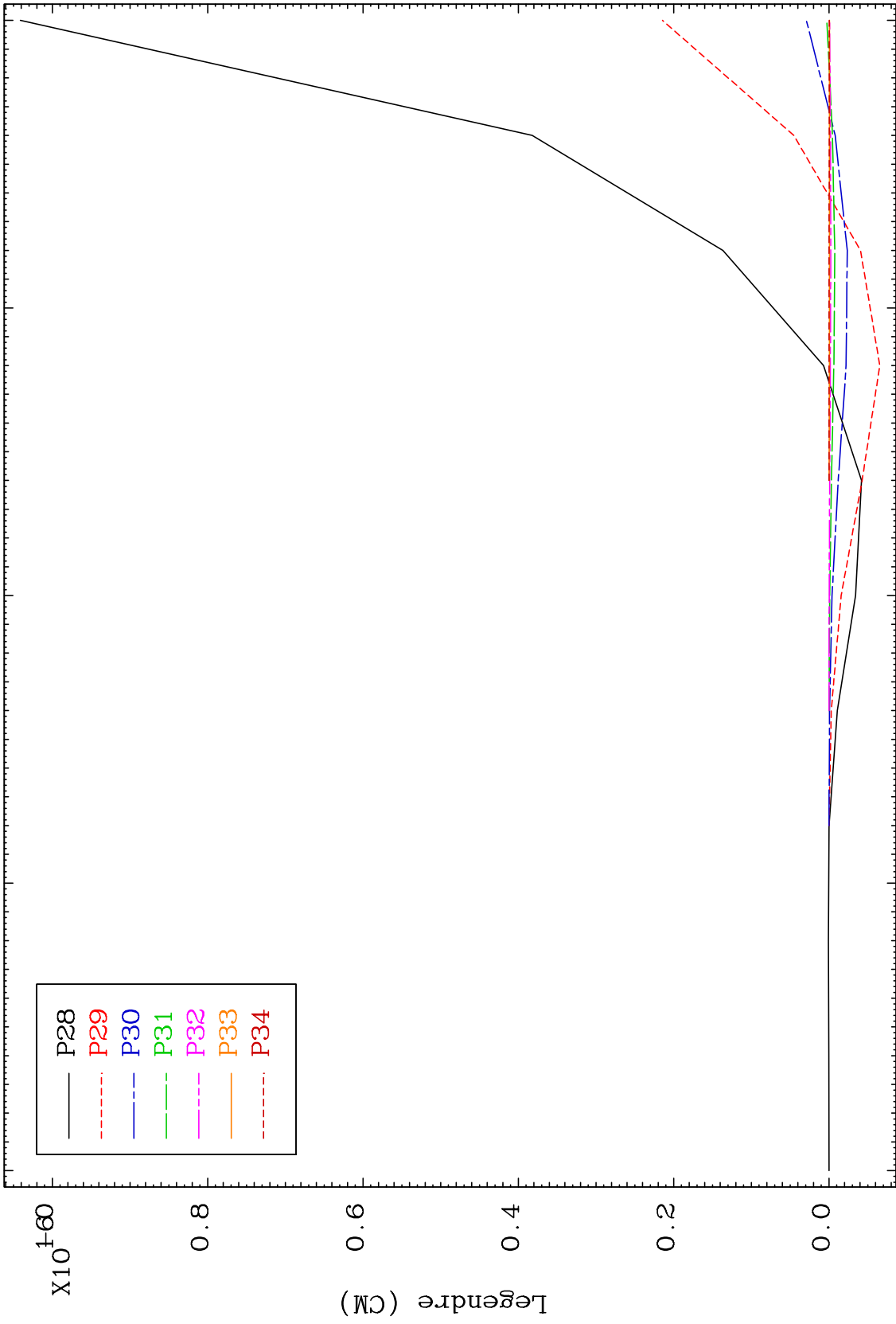
Incident Energy (MeV)

52-Te-136

MAT 5273

Elastic Legendre Coefficients

52-Te-136

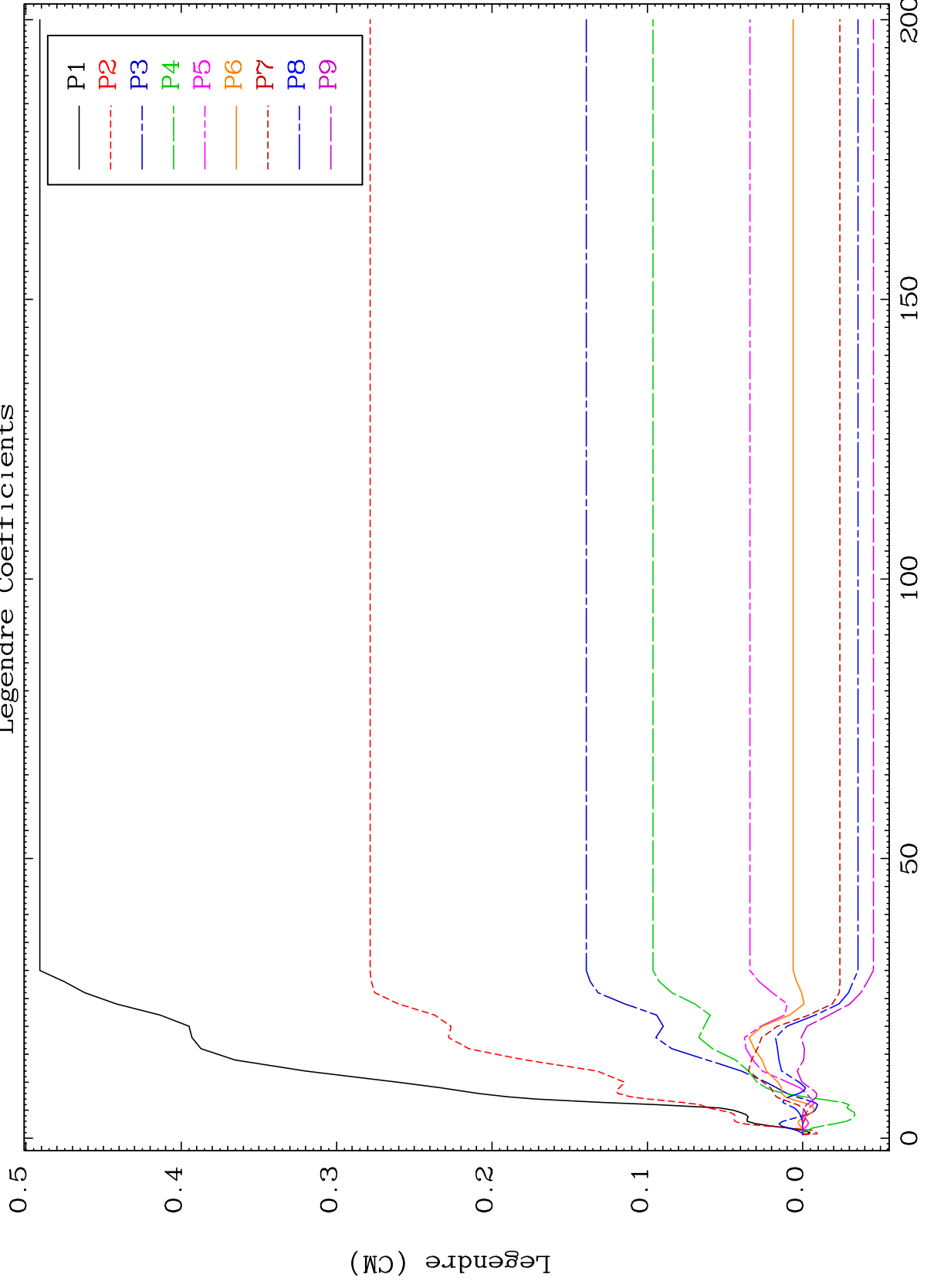


19

Incident Energy (MeV)

52-Te-136

MAT 5273 MT= 51 (n,n') Level Legendre Coefficients 52-Te-136

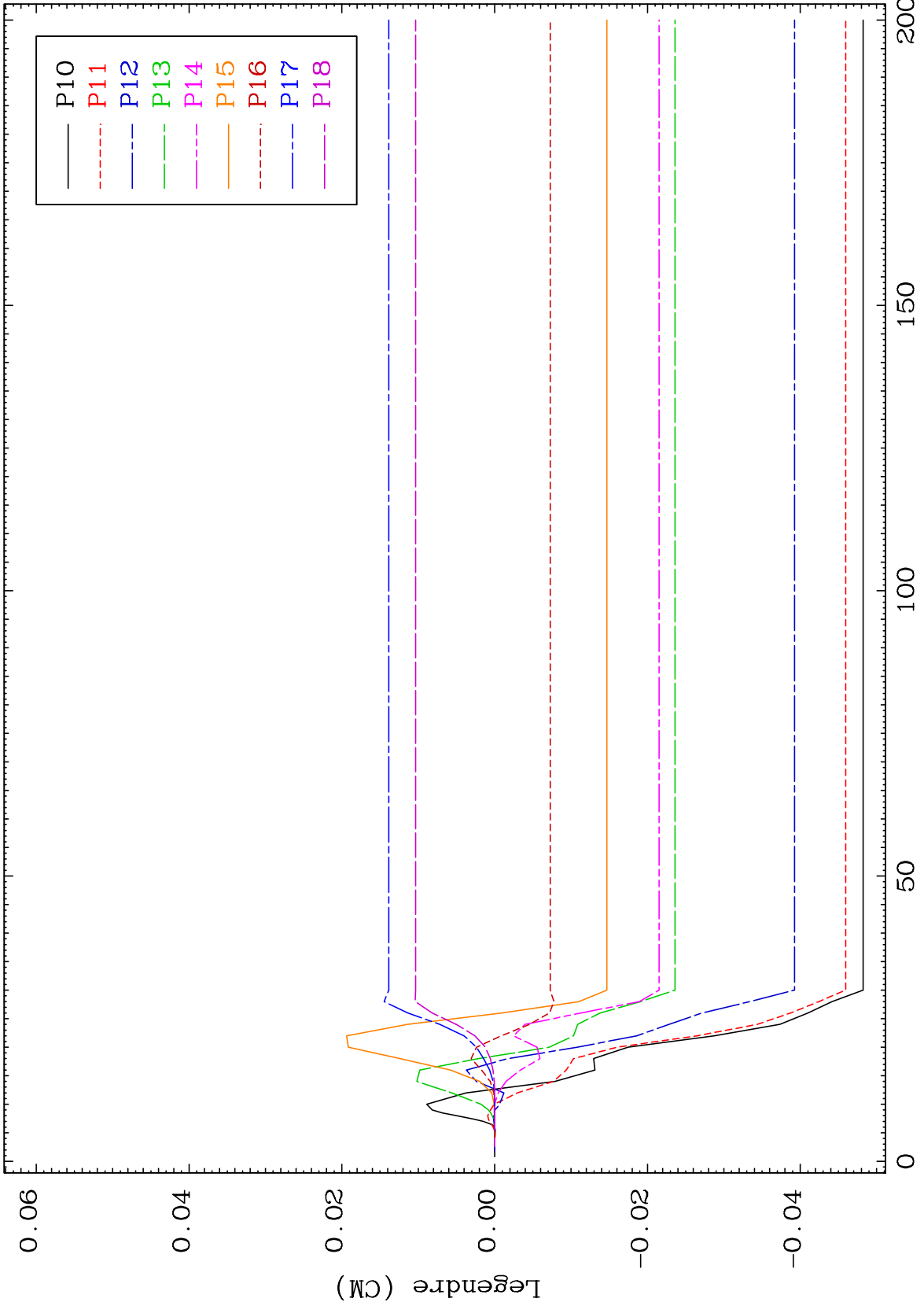


52-Te-136 Incident Energy (MeV)

MAT 5273

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

52-Te-136



21

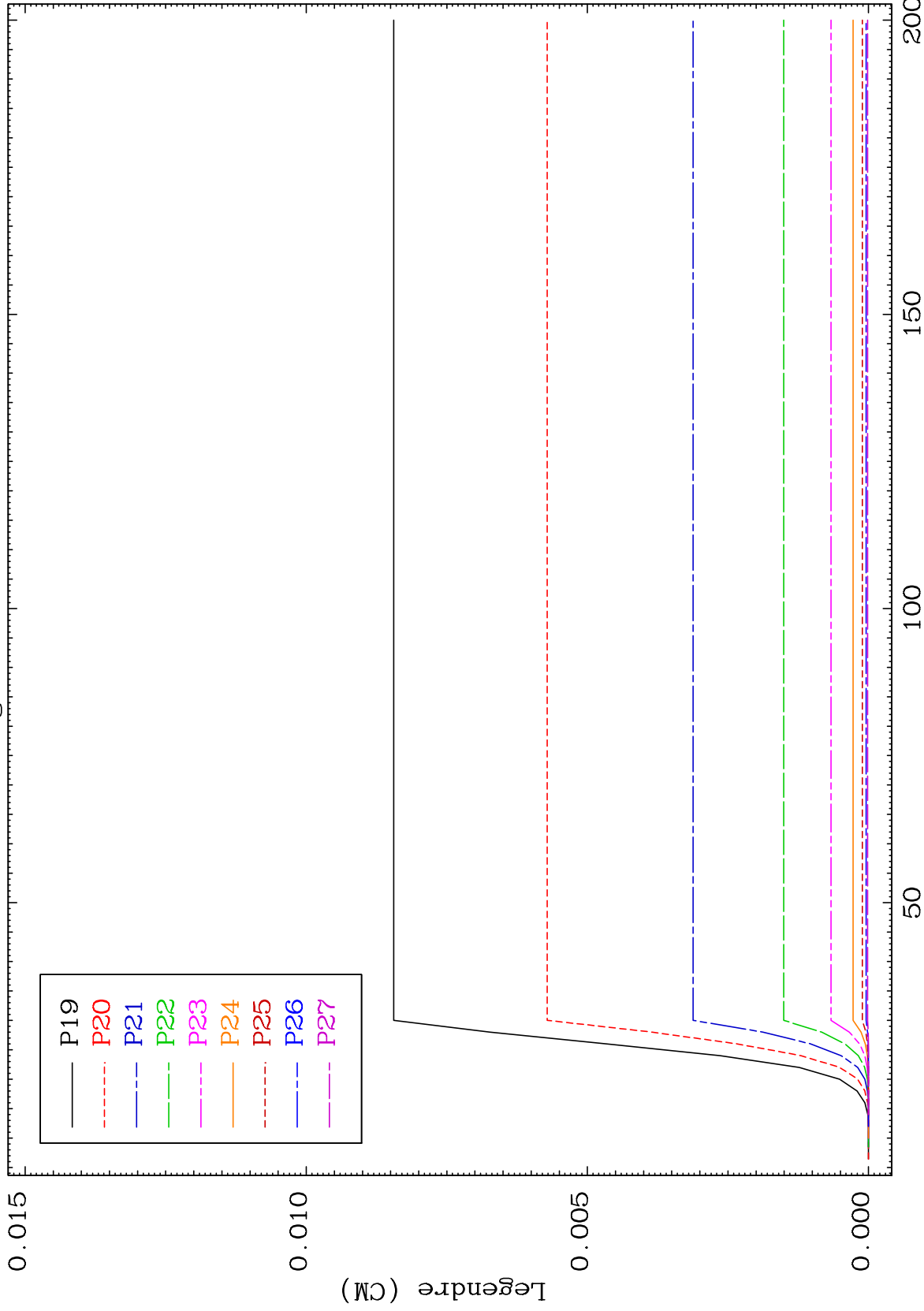
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



22

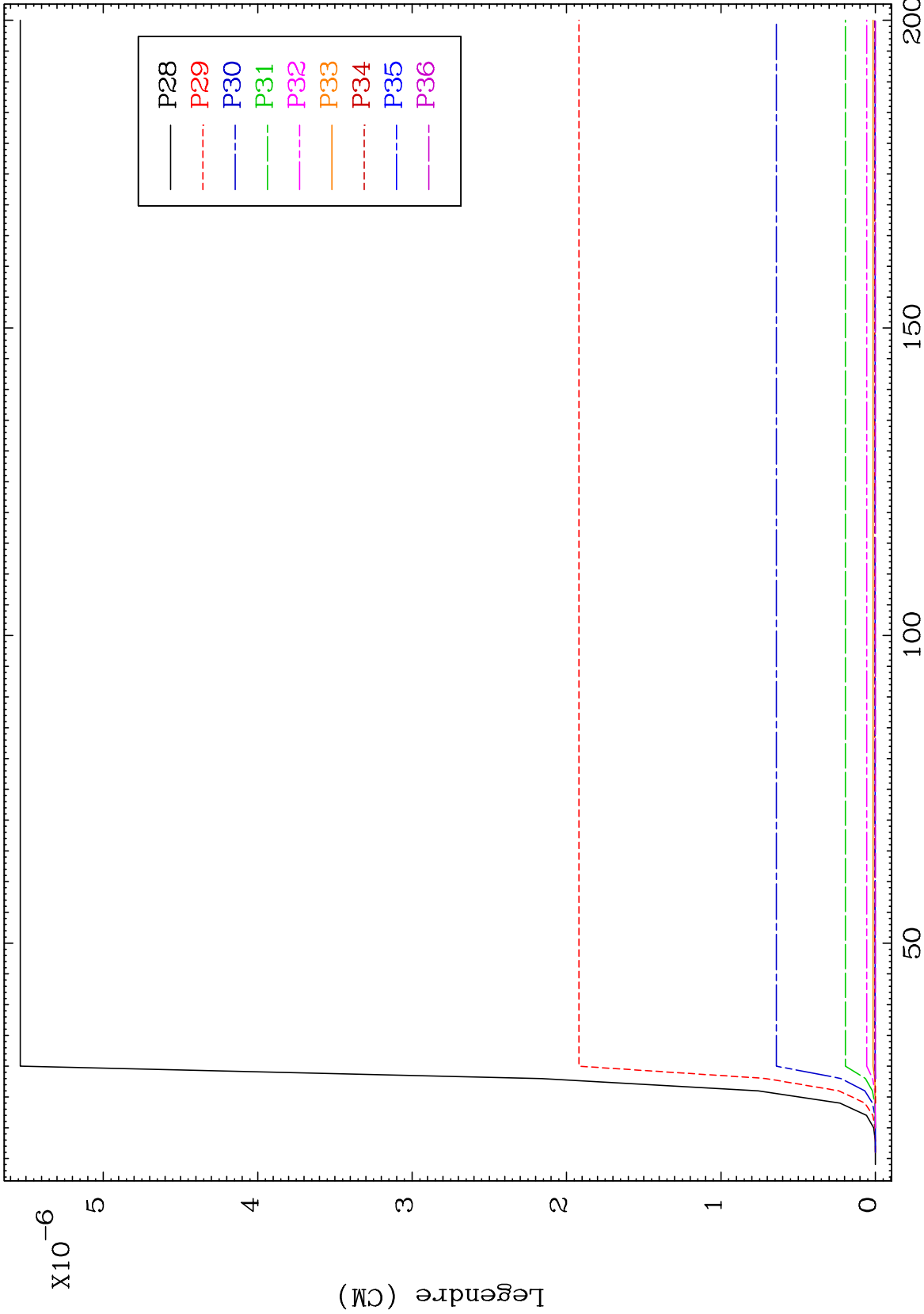
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



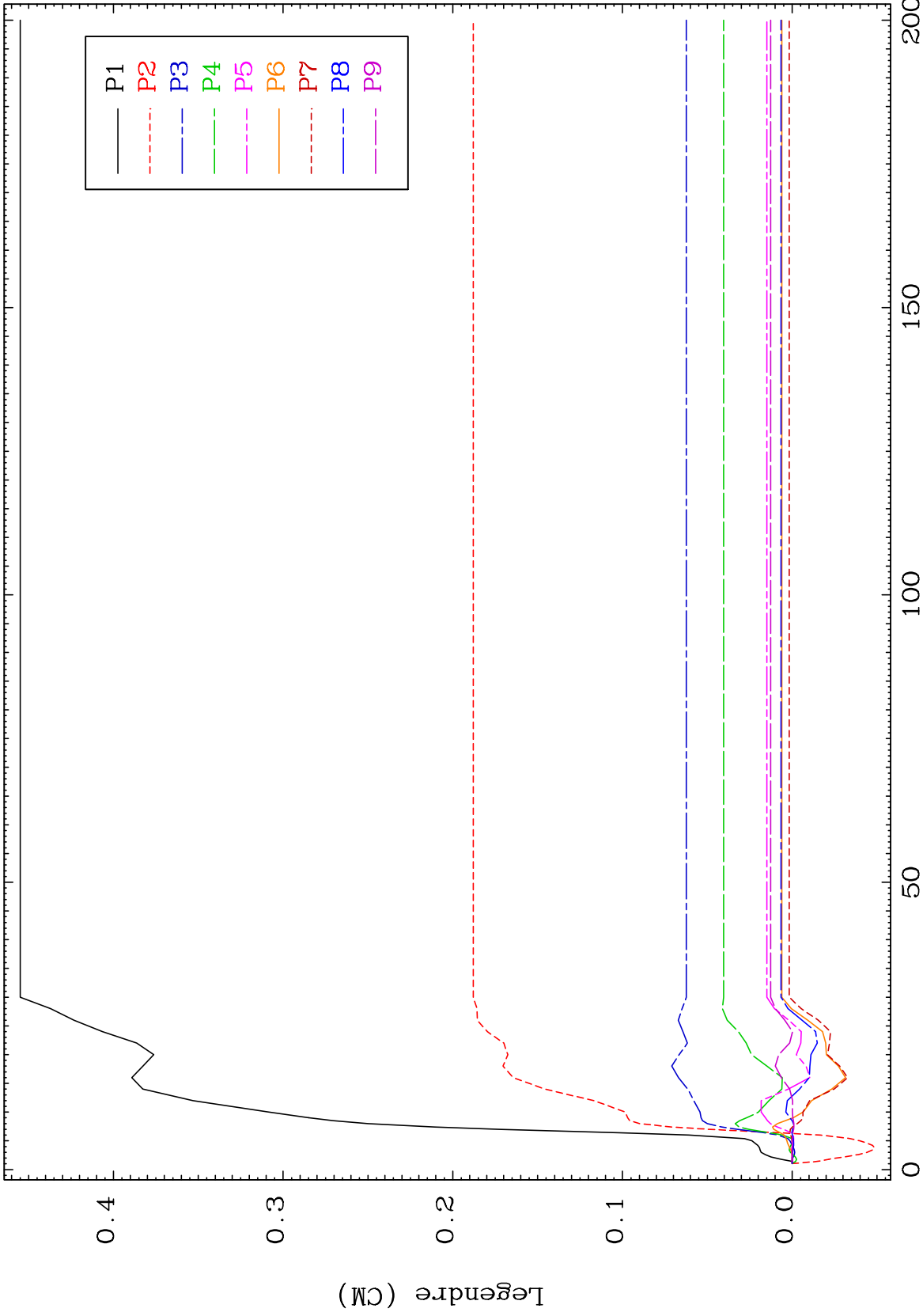
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52-Te-136

MAT 5273

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

52-Te-136



24

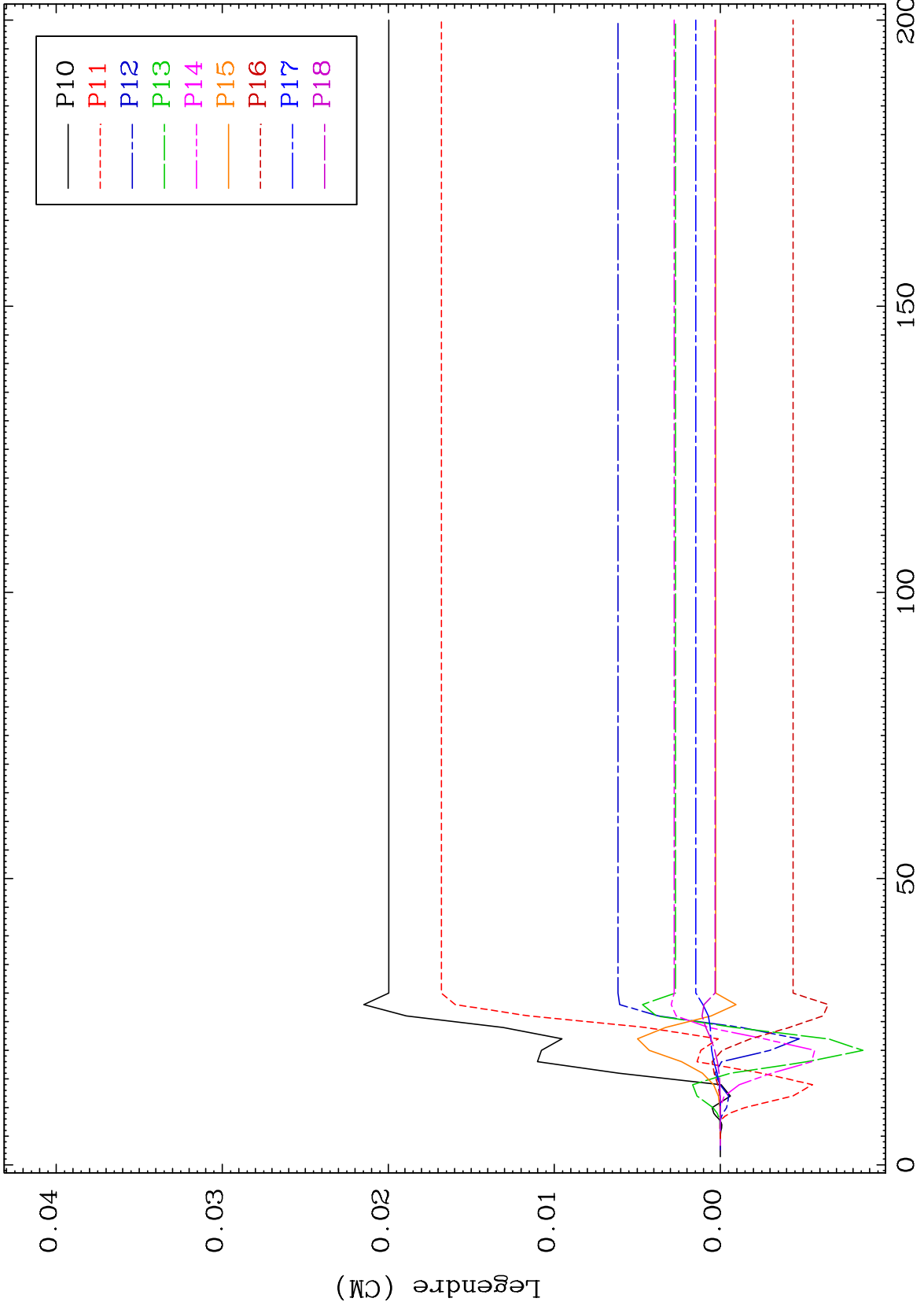
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



25

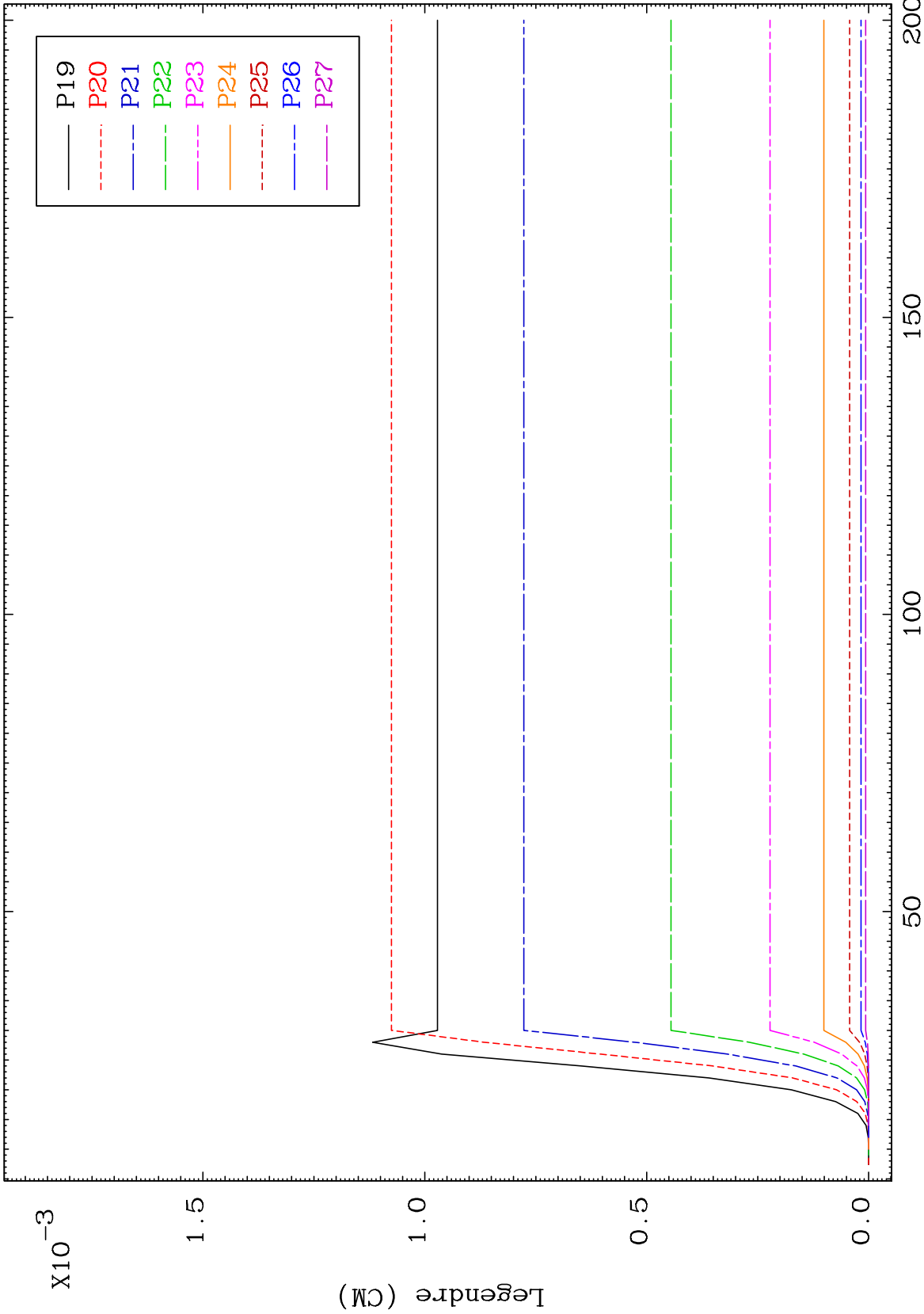
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



26

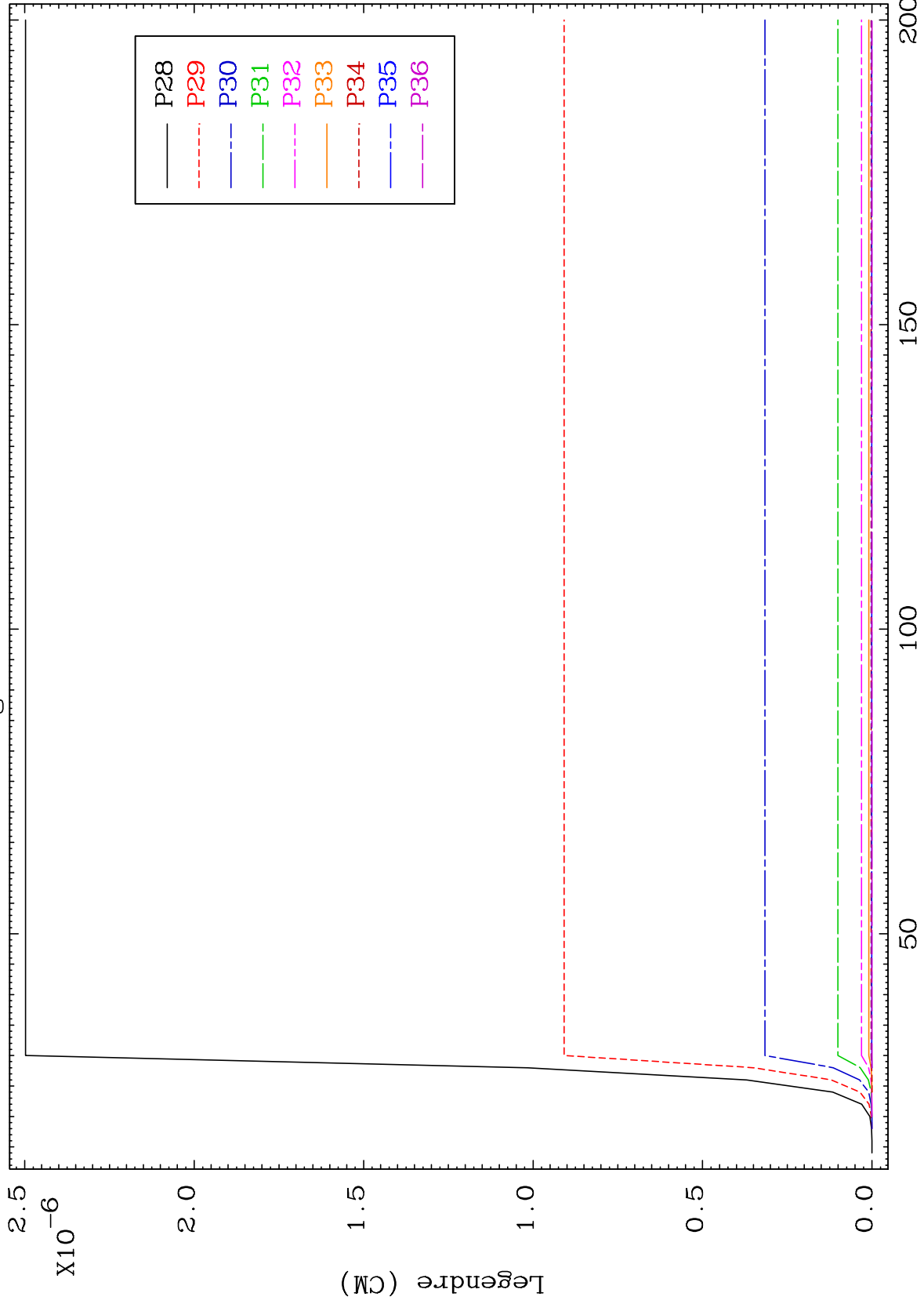
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



27

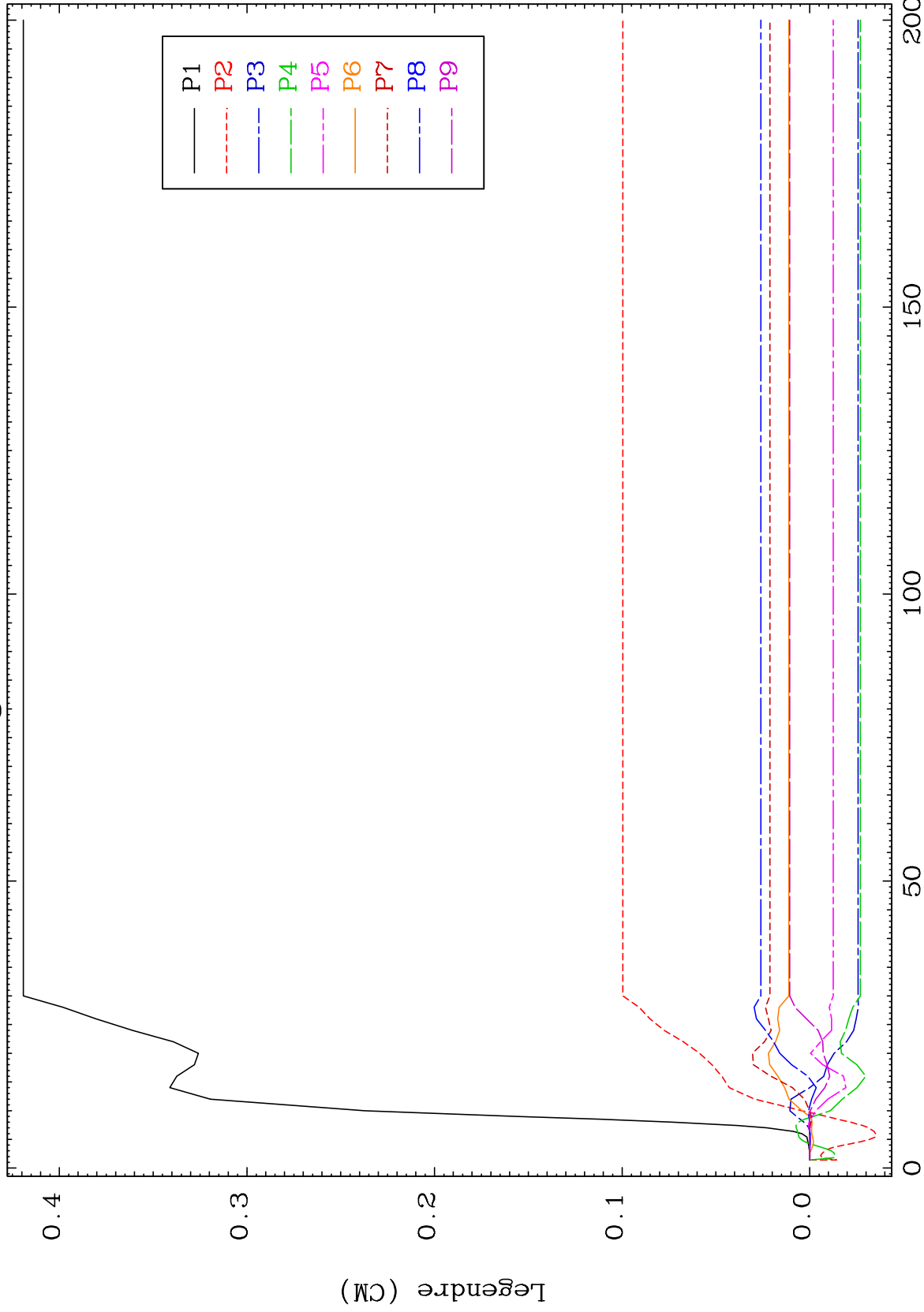
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136

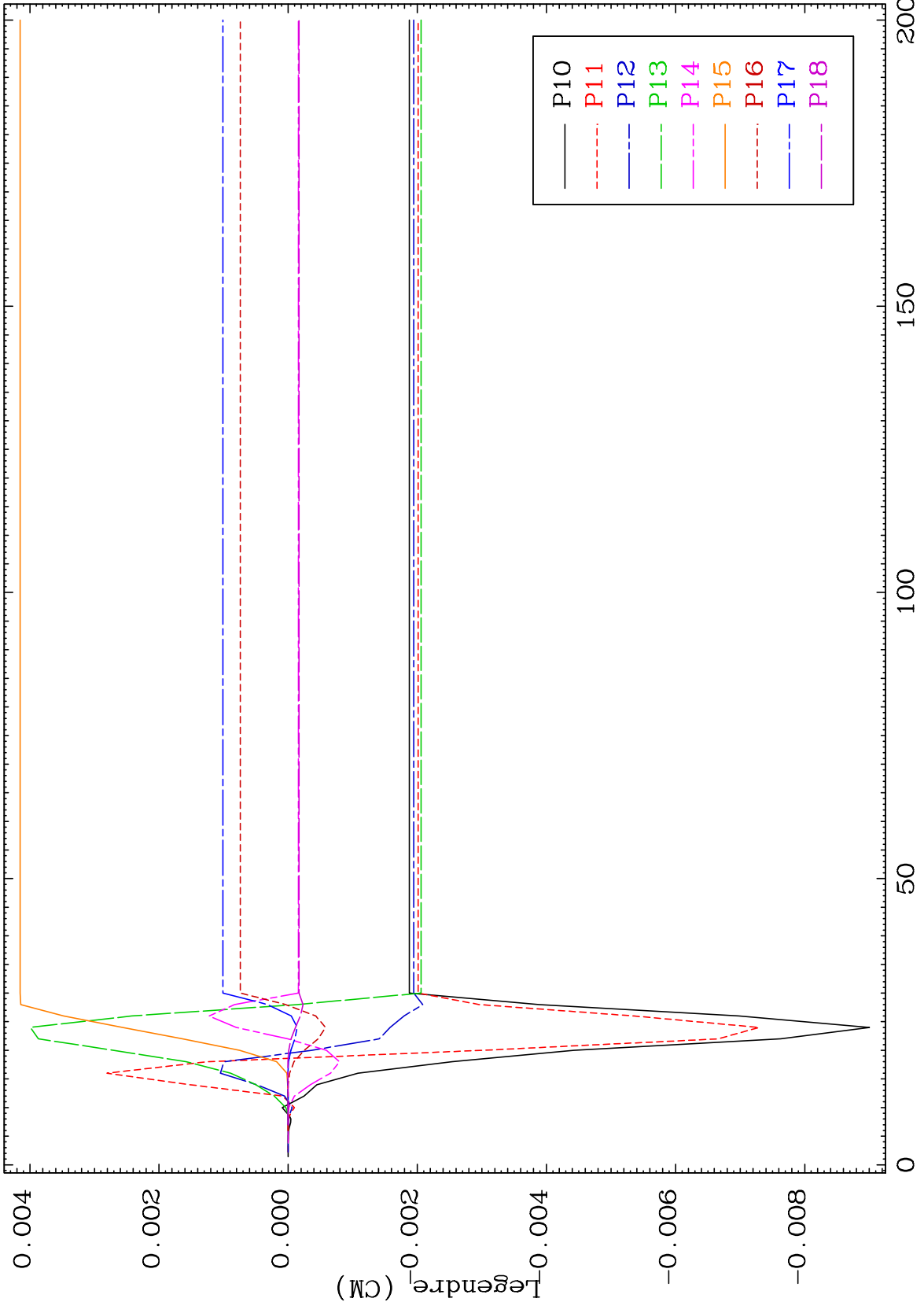


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Incident Energy (MeV)

52-Te-136

MAT 5273 MT= 53 (n,n') Level Legendre Coefficients 52-Te-136

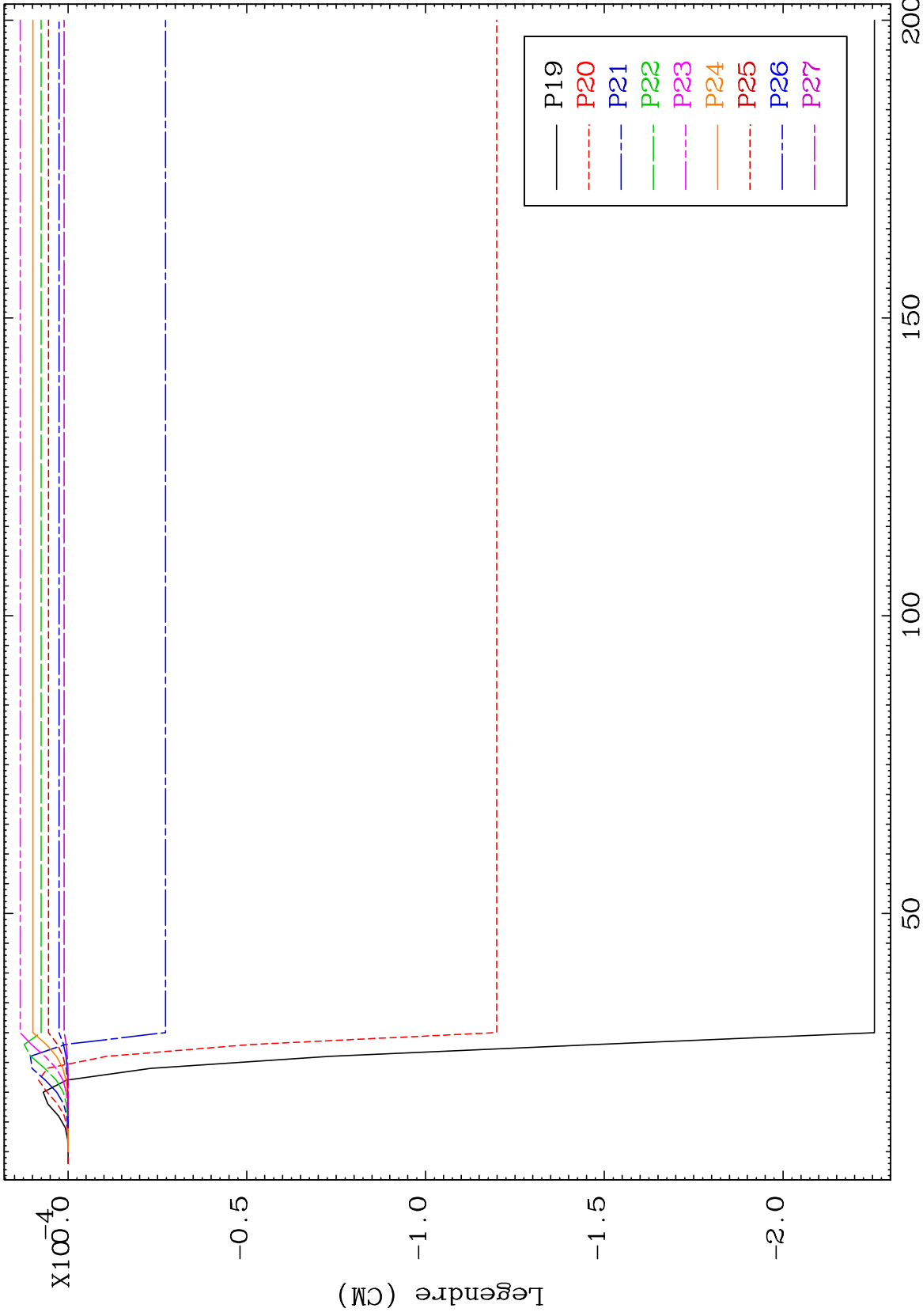


29 52-Te-136

MAT 5273

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

52-Te-136



30

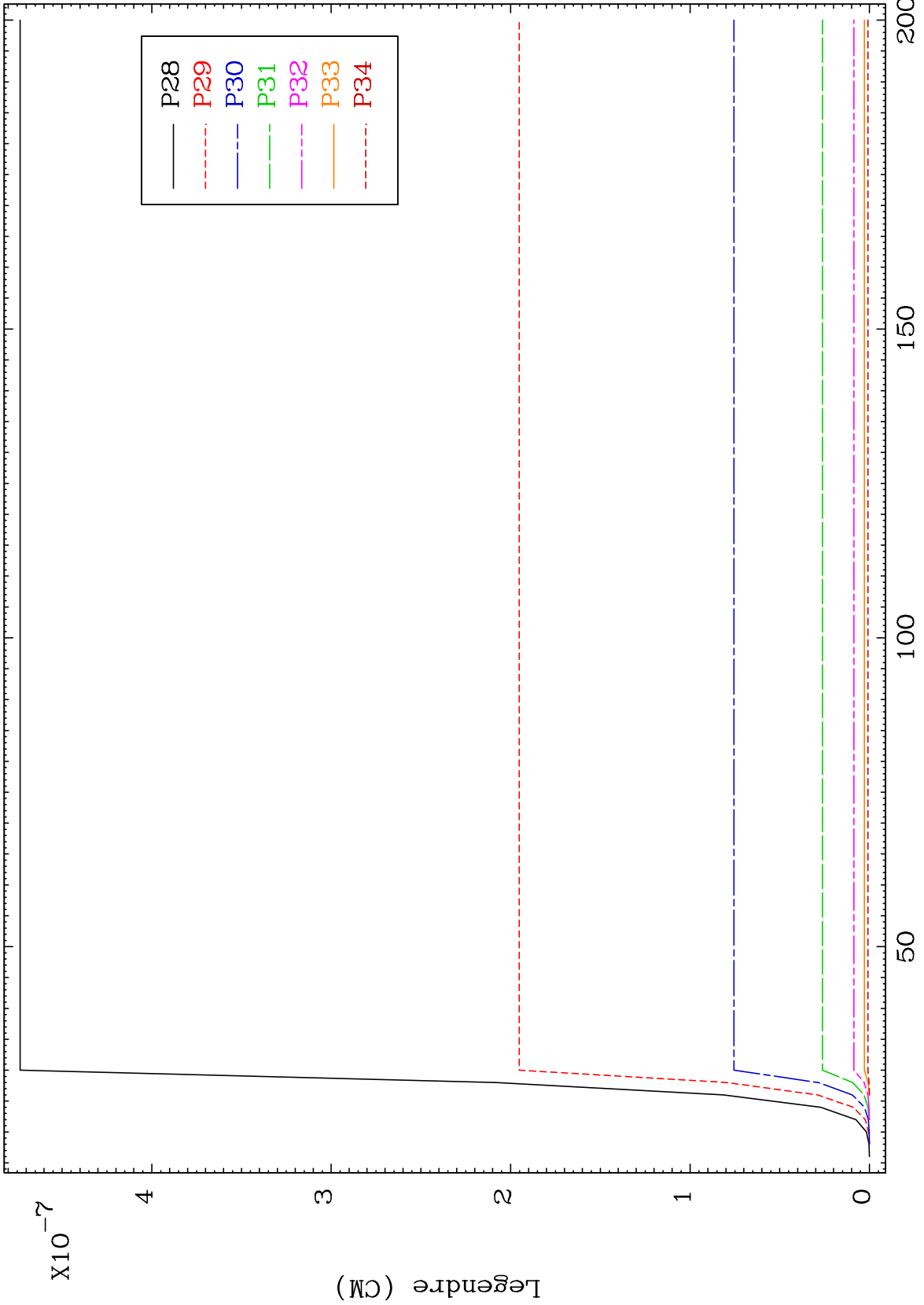
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



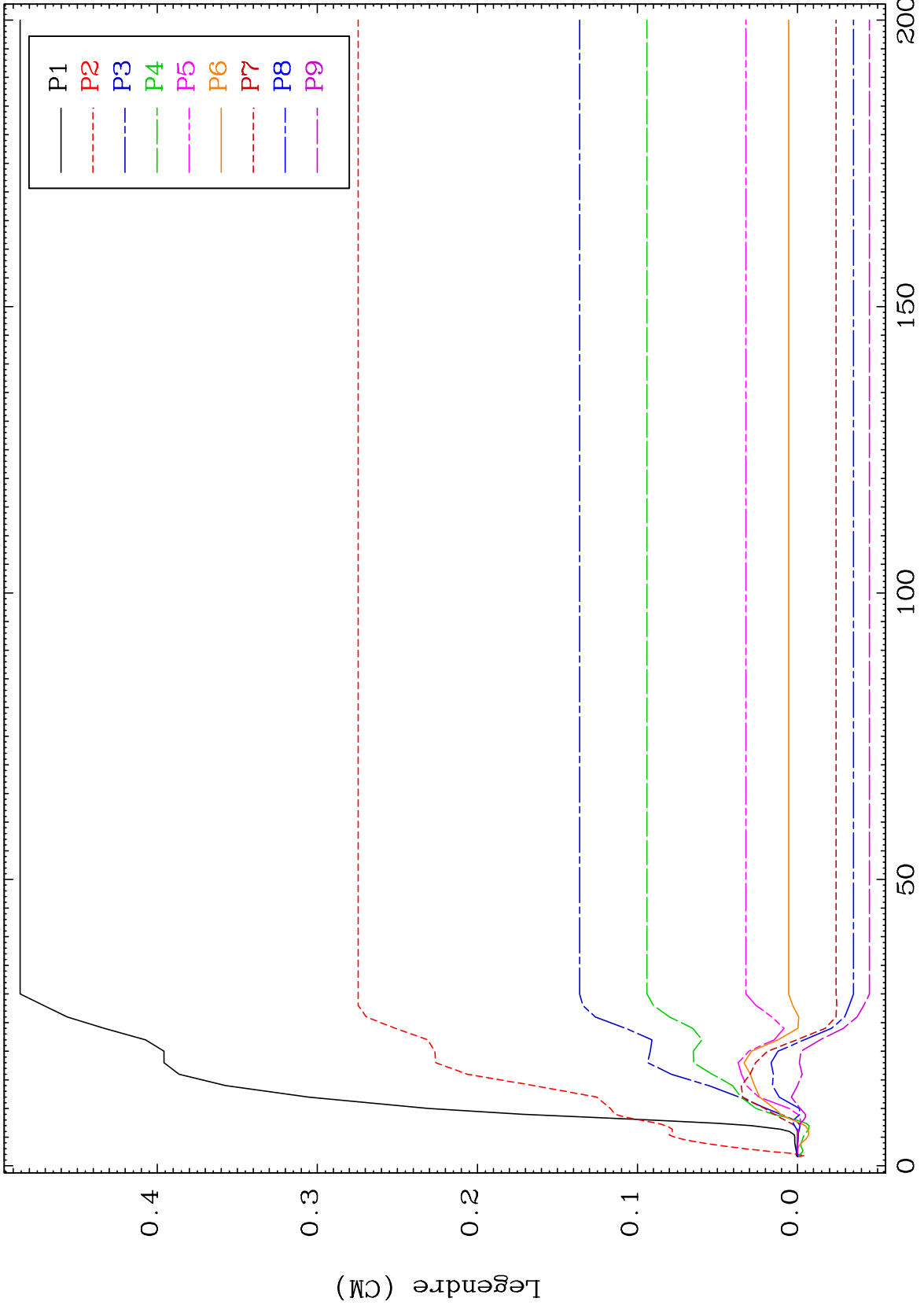
31

52-Te-136

MAT 5273

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

52-Te-136



32

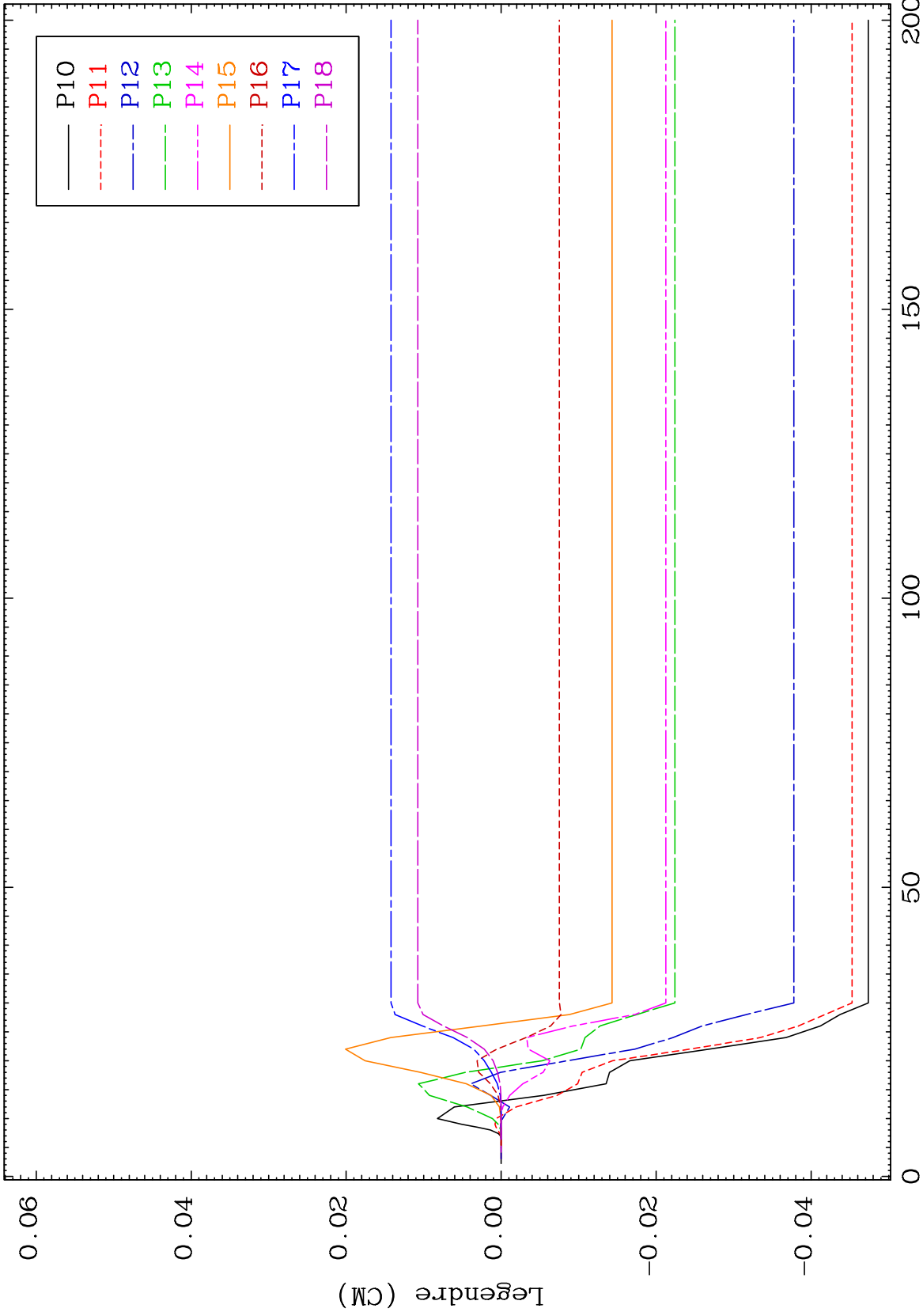
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



33

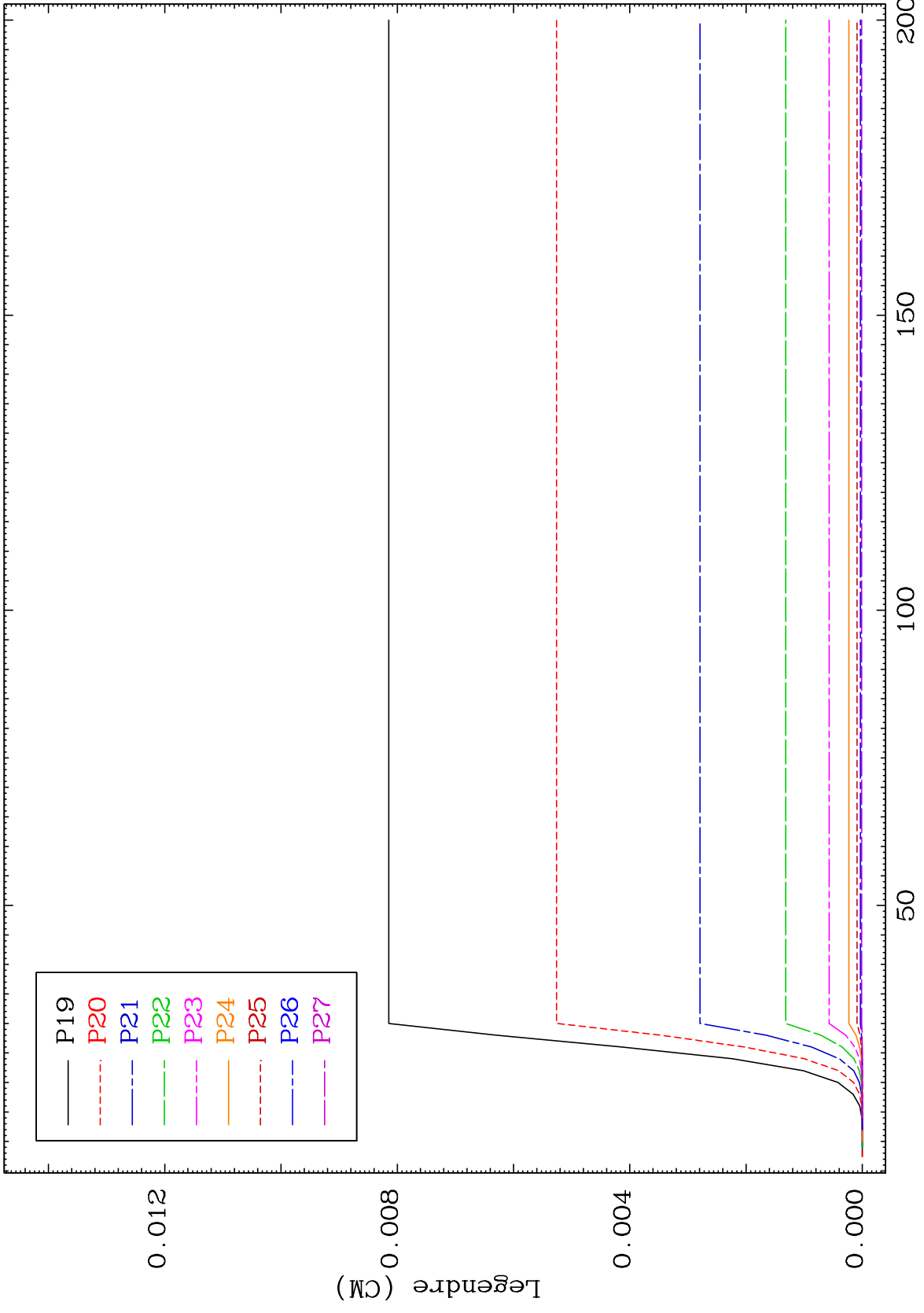
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



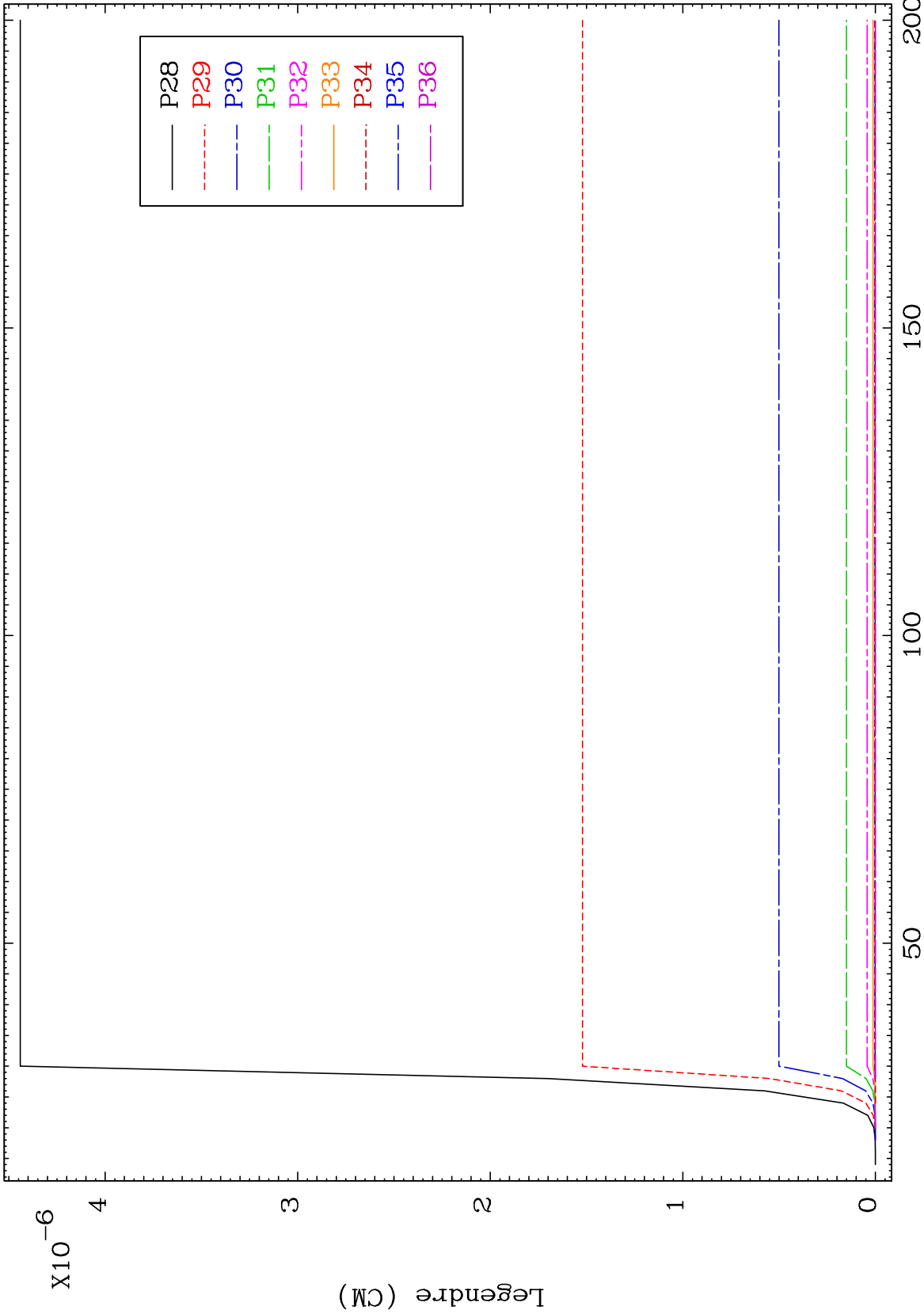
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52-Te-136

MAT 5273

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

52-Te-136



35

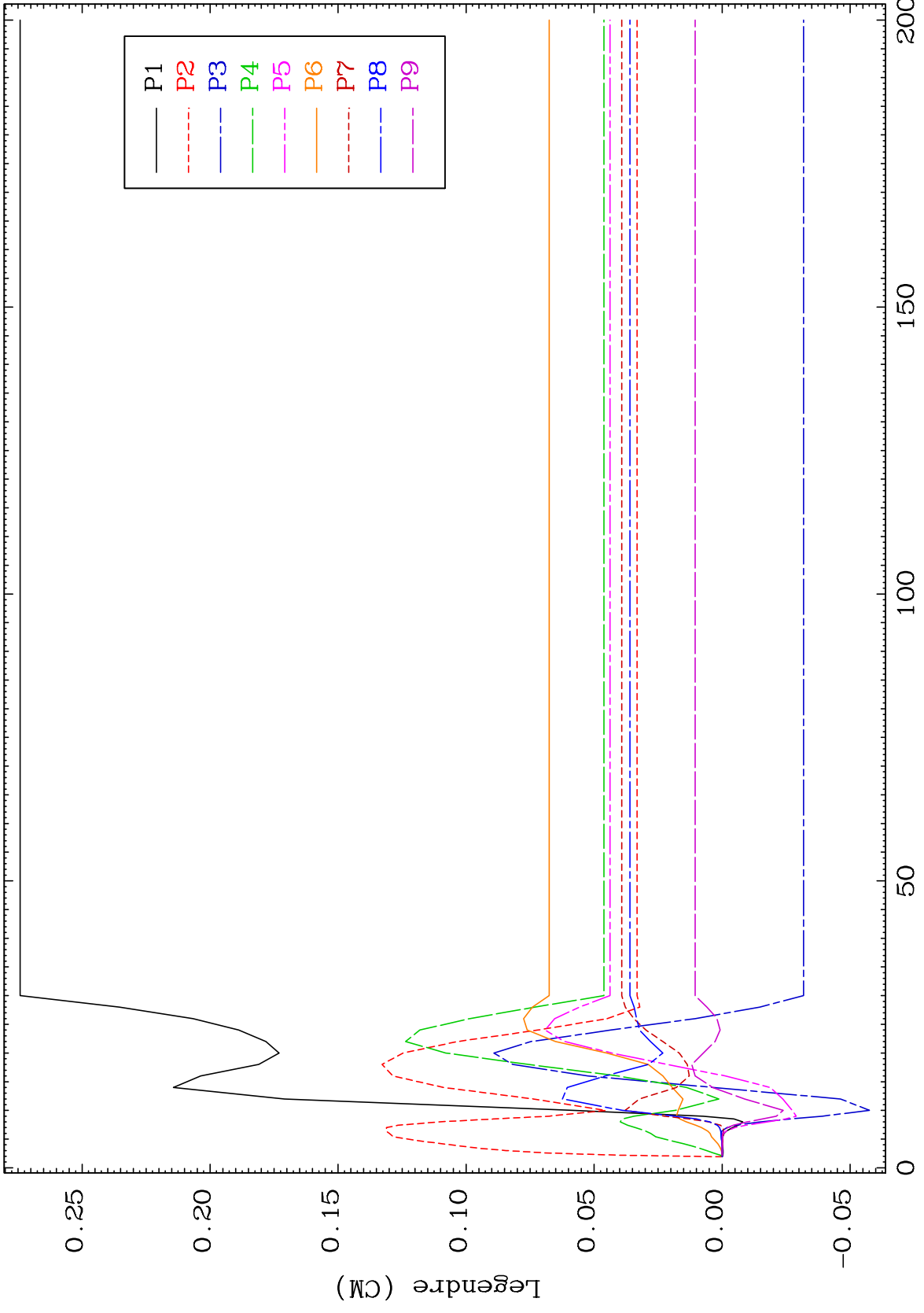
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136

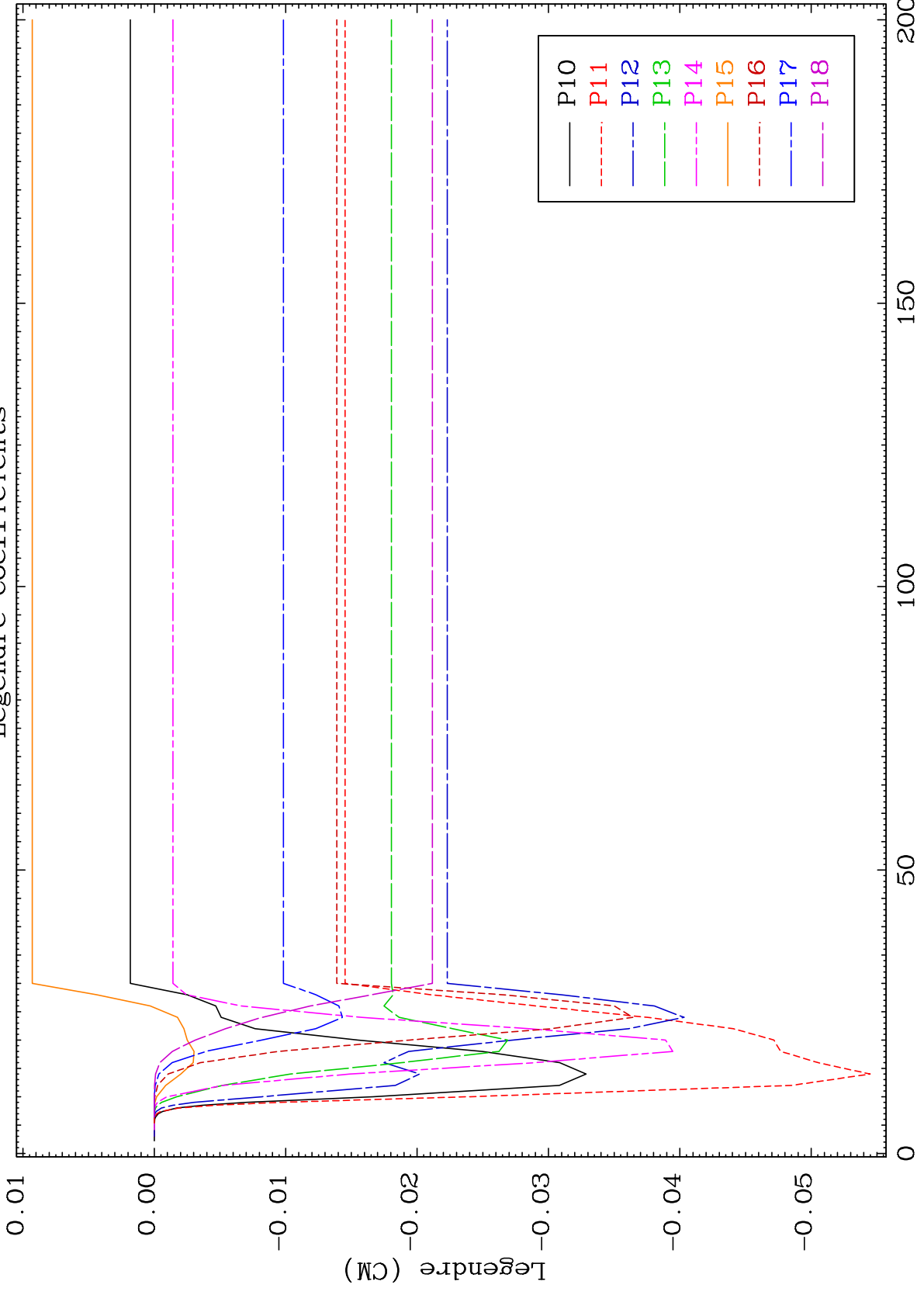


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Incident Energy (MeV)

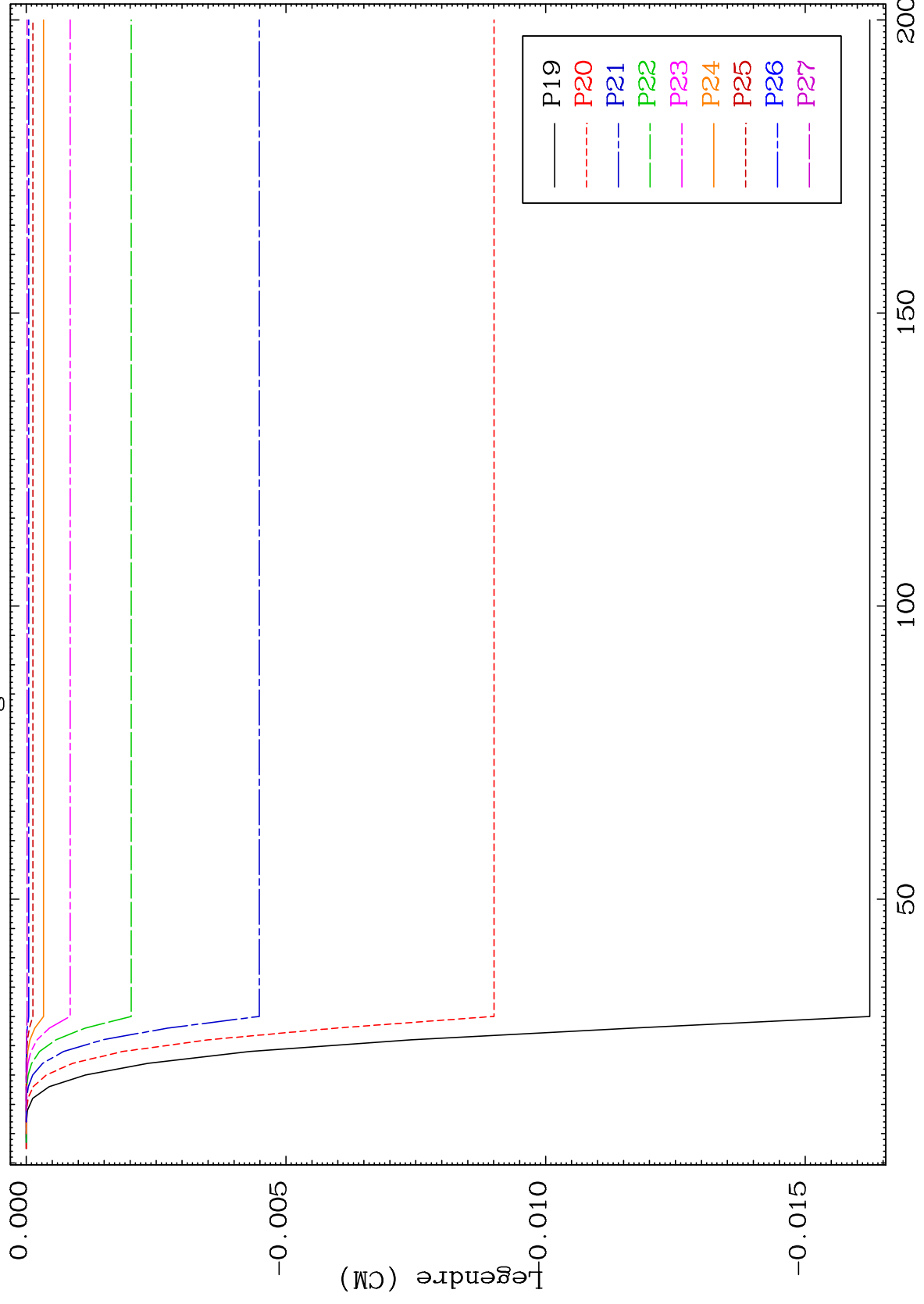
52-Te-136

MAT 5273 MT= 55 (n,n') Level Legendre Coefficients 52-Te-136



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MAT 5273 MT= 55 (n,n') Level Legendre Coefficients 52-Te-136

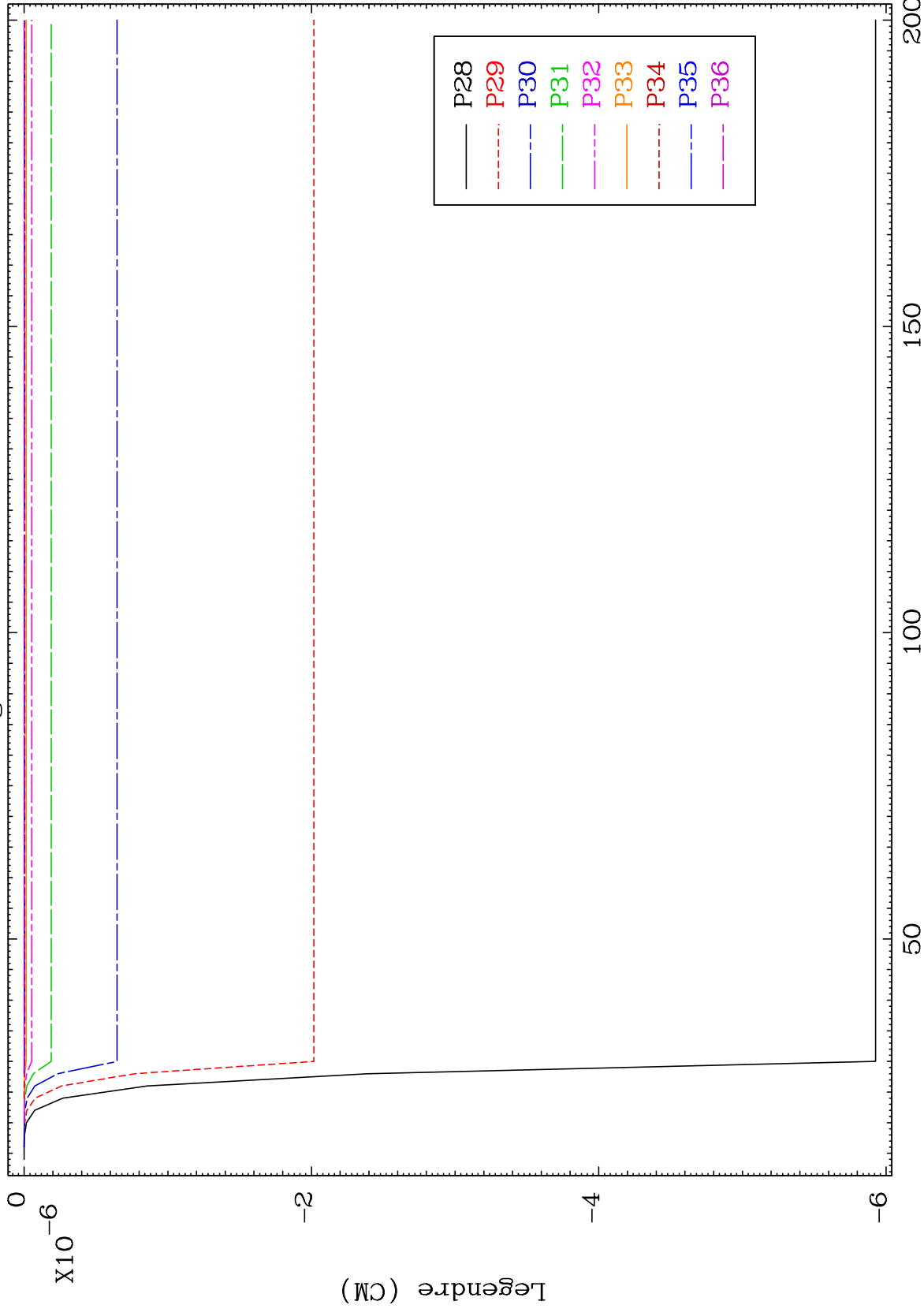


38 52-Te-136

MAT 5273

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

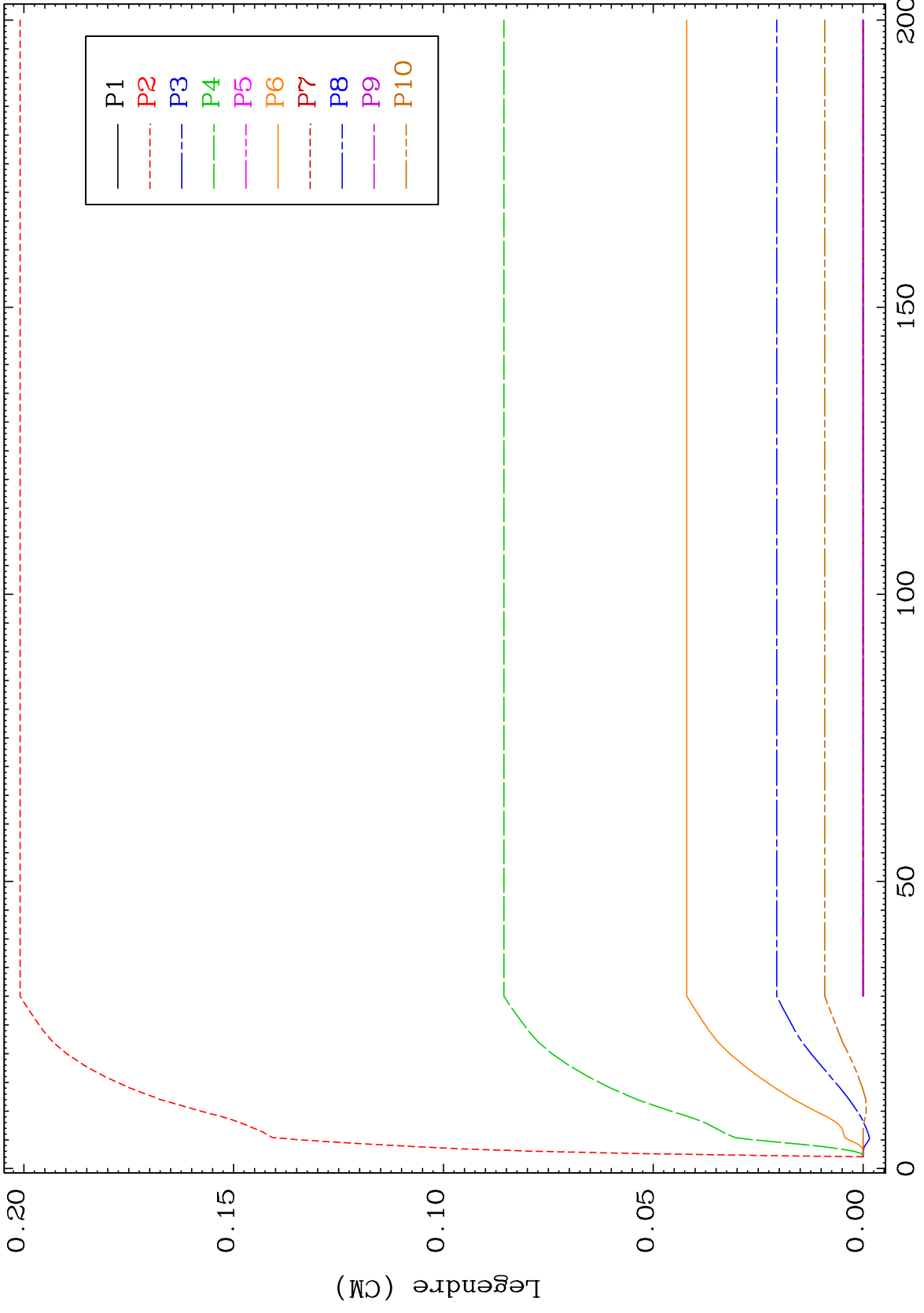
52-Te-136



39

52-Te-136

MAT 5273 MT= 56 (n,n') Level Legendre Coefficients 52-Te-136

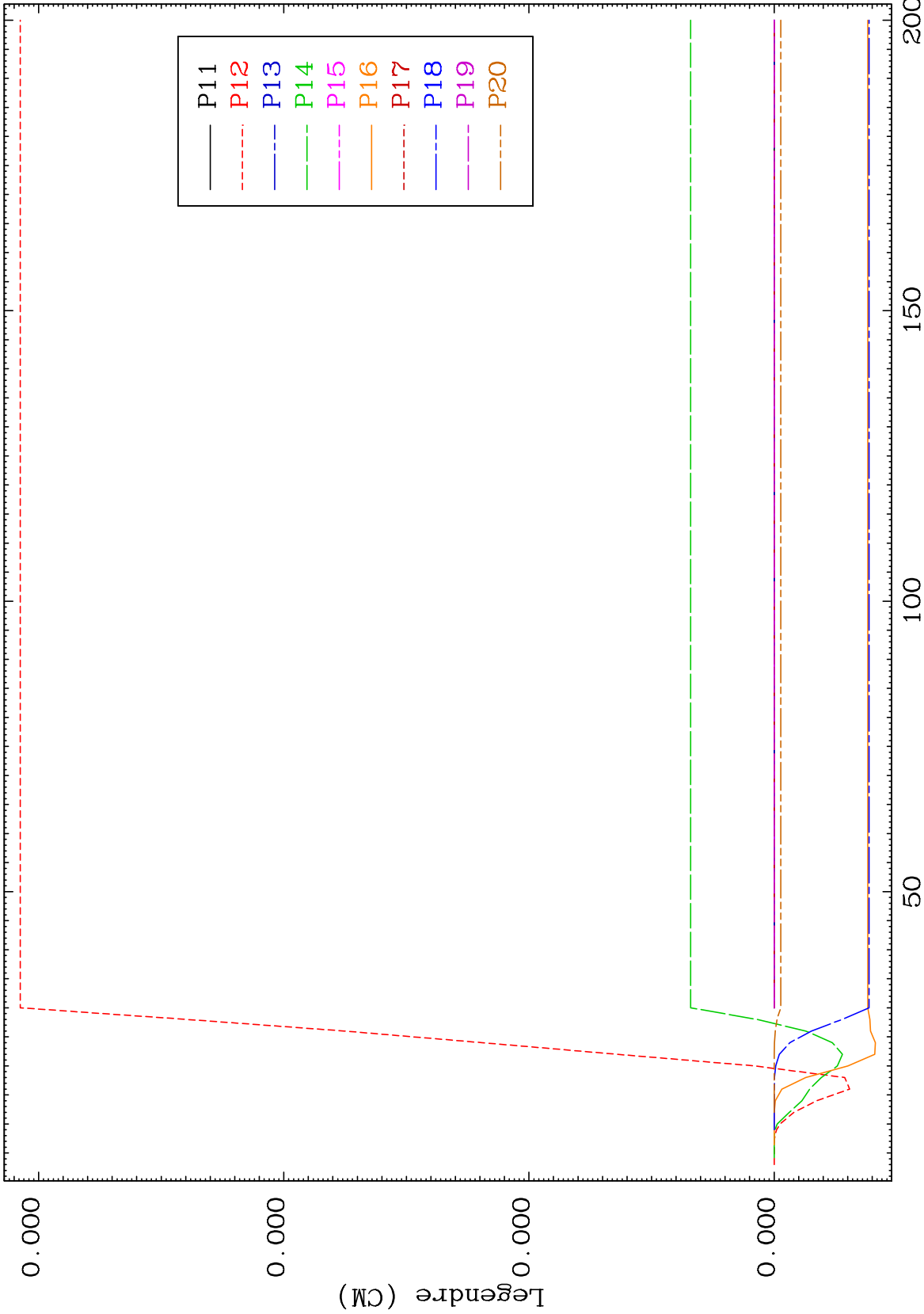


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MAT 5273

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

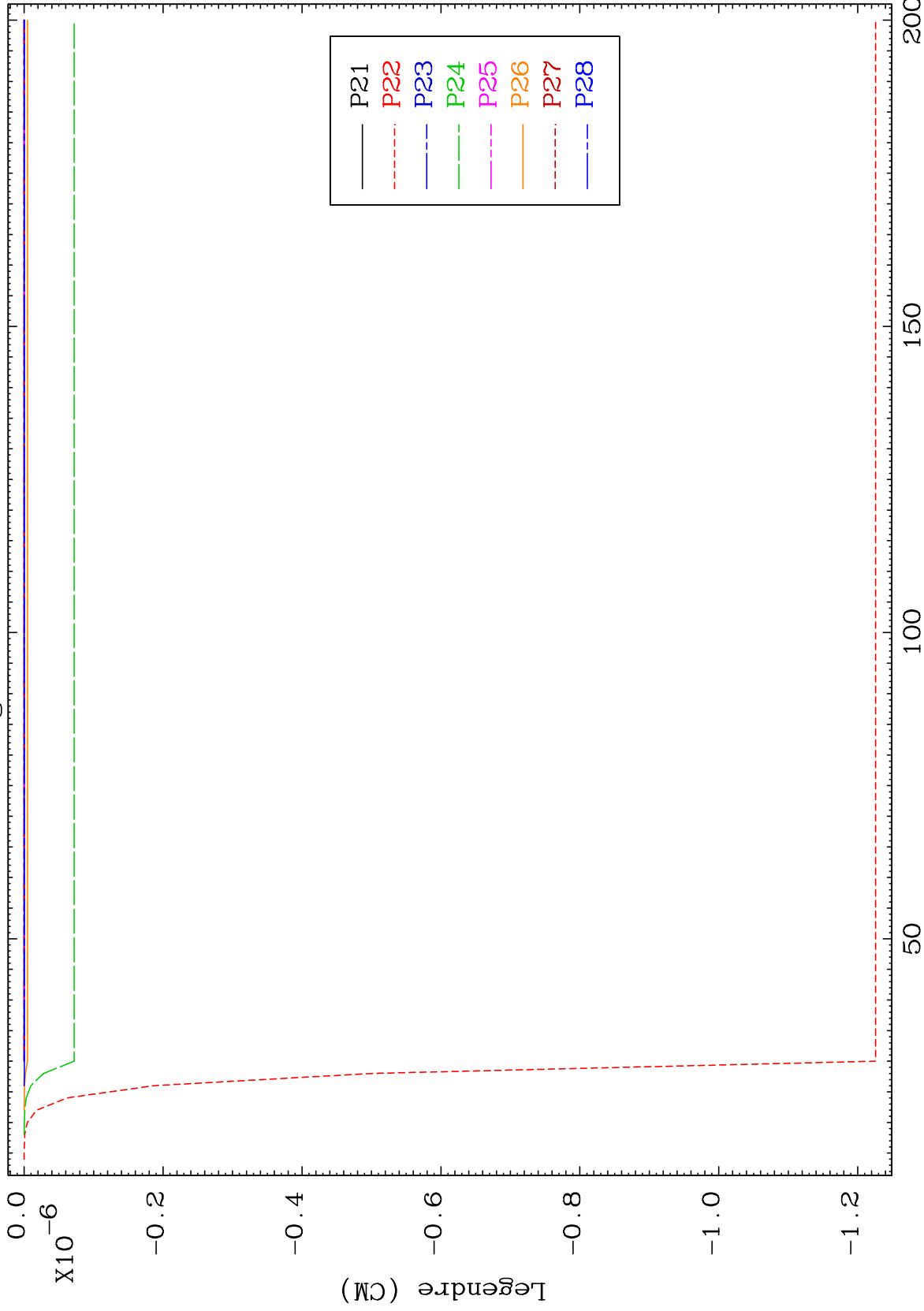
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MAT 5273

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

52-Te-136



42

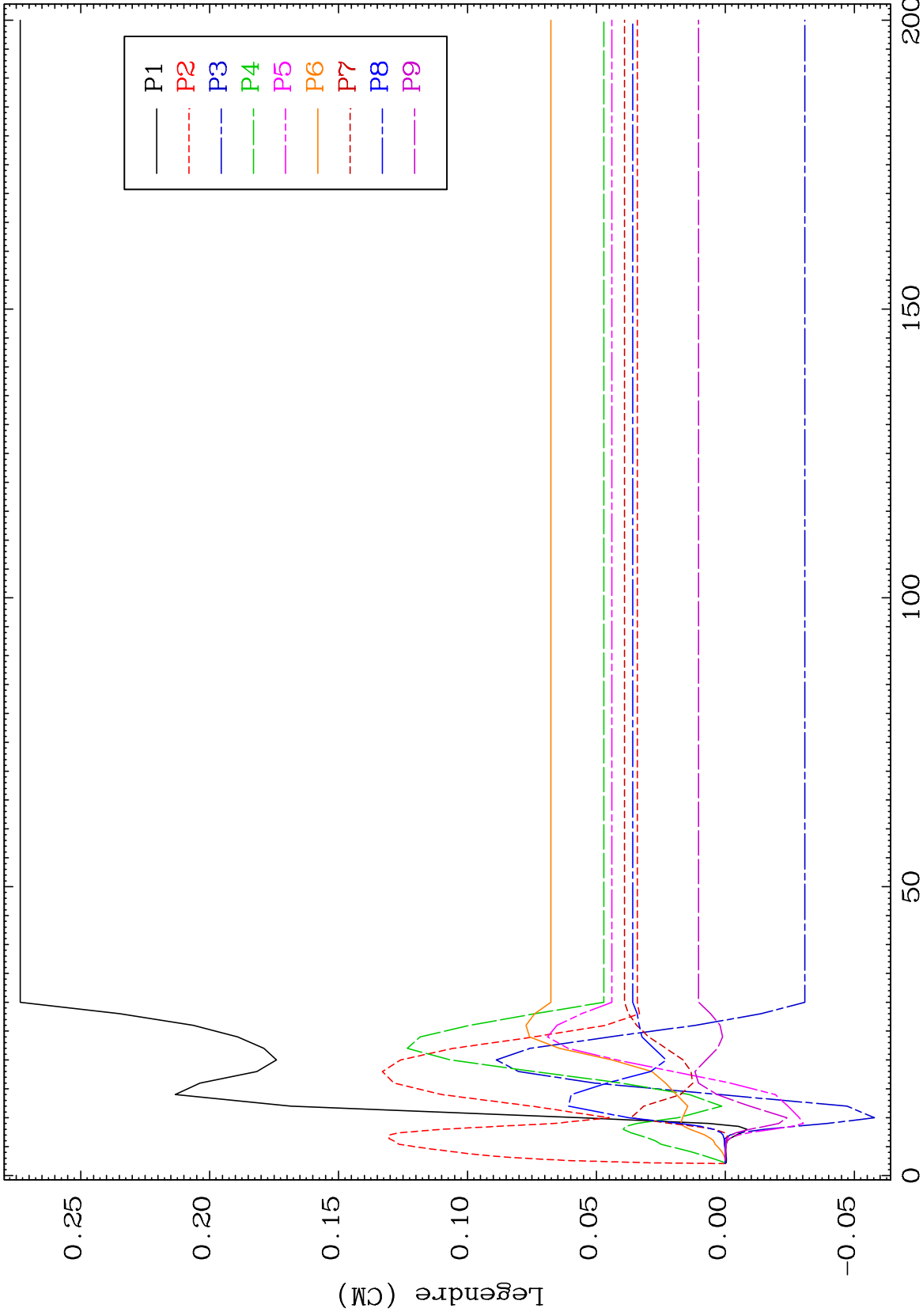
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136

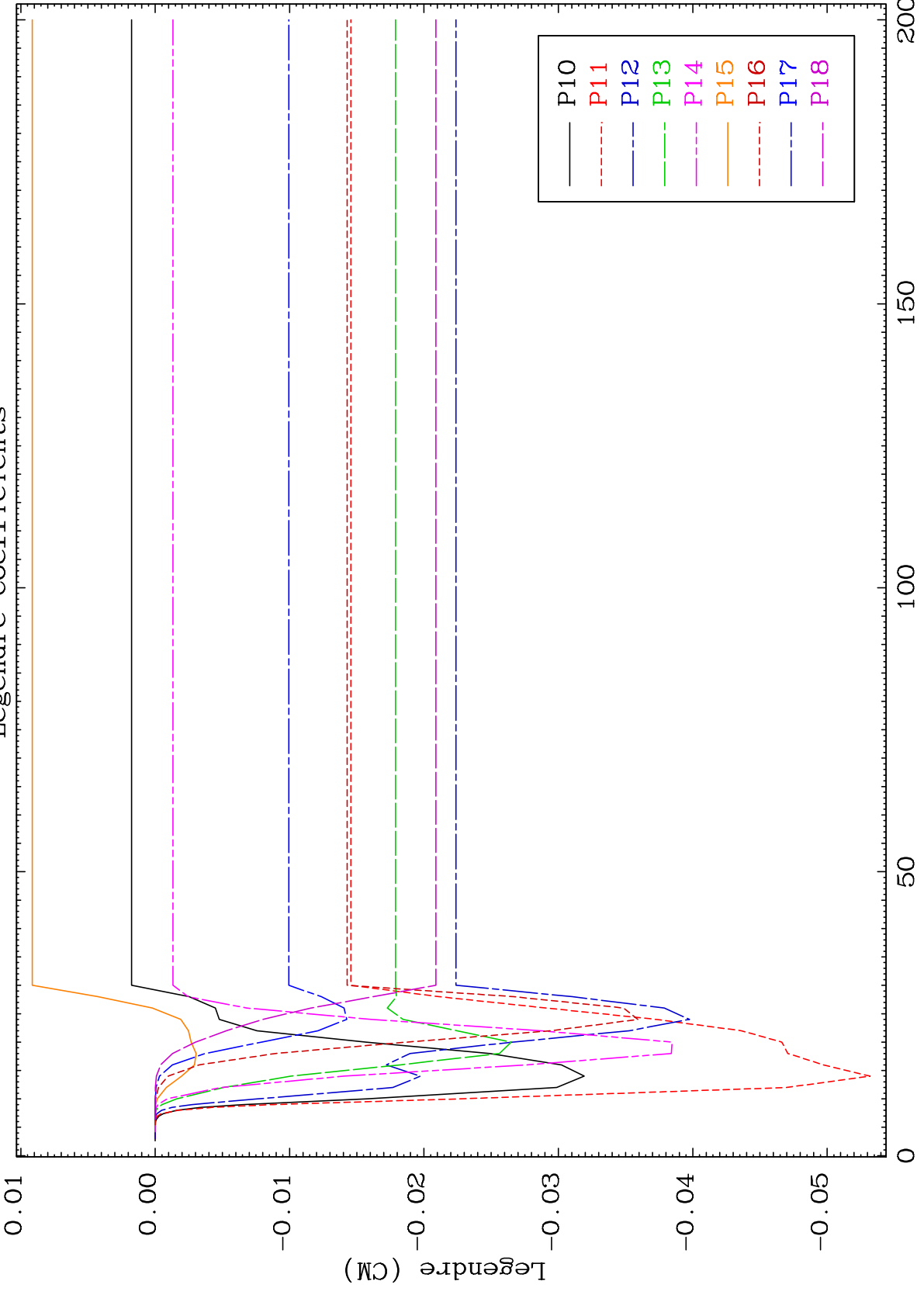


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Incident Energy (MeV)

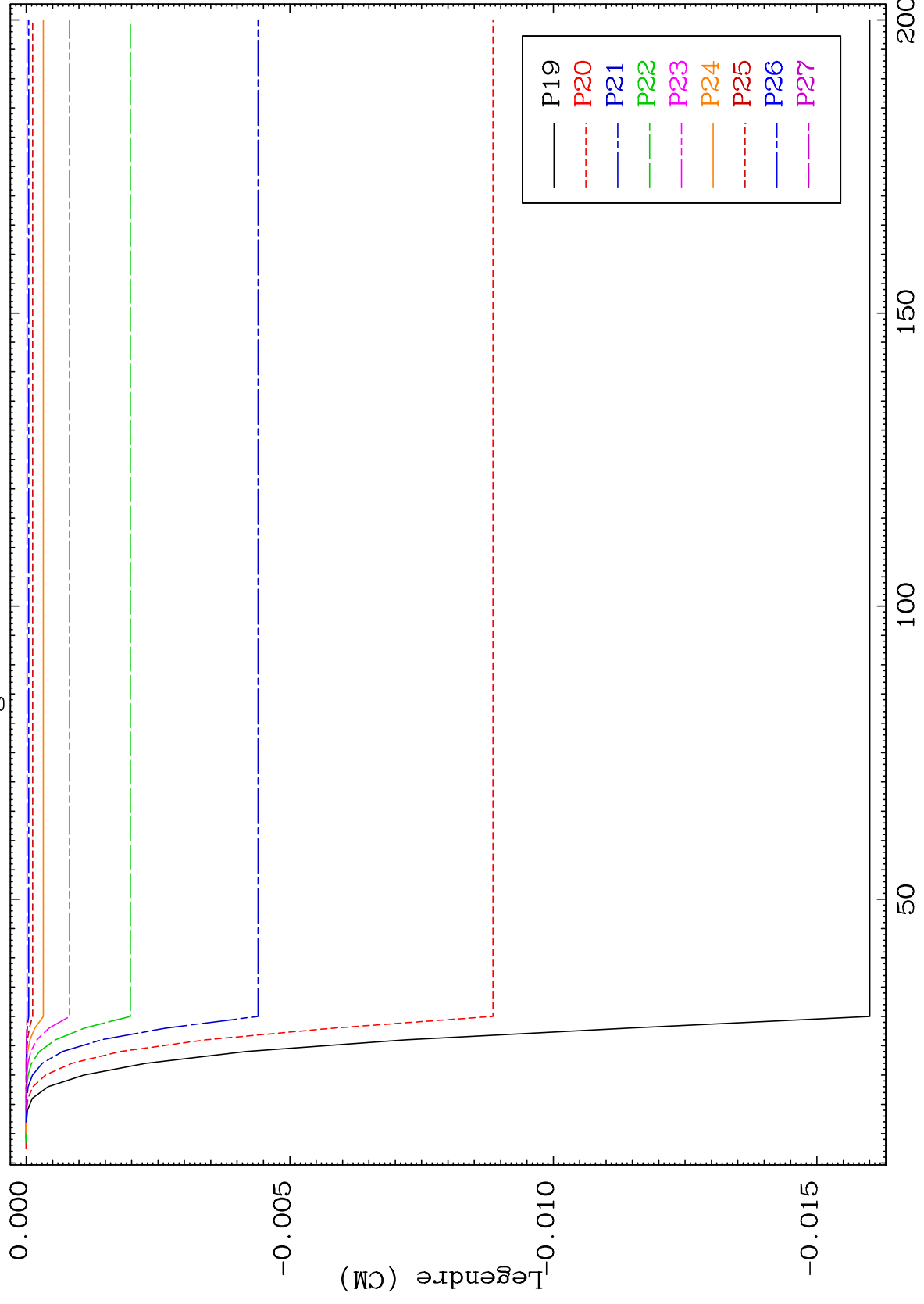
52-Te-136

MAT 5273 MT= 57 (n,n') Level Legendre Coefficients 52-Te-136



44 52-Te-136

MAT 5273 MT= 57 (n,n') Level Legendre Coefficients 52-Te-136

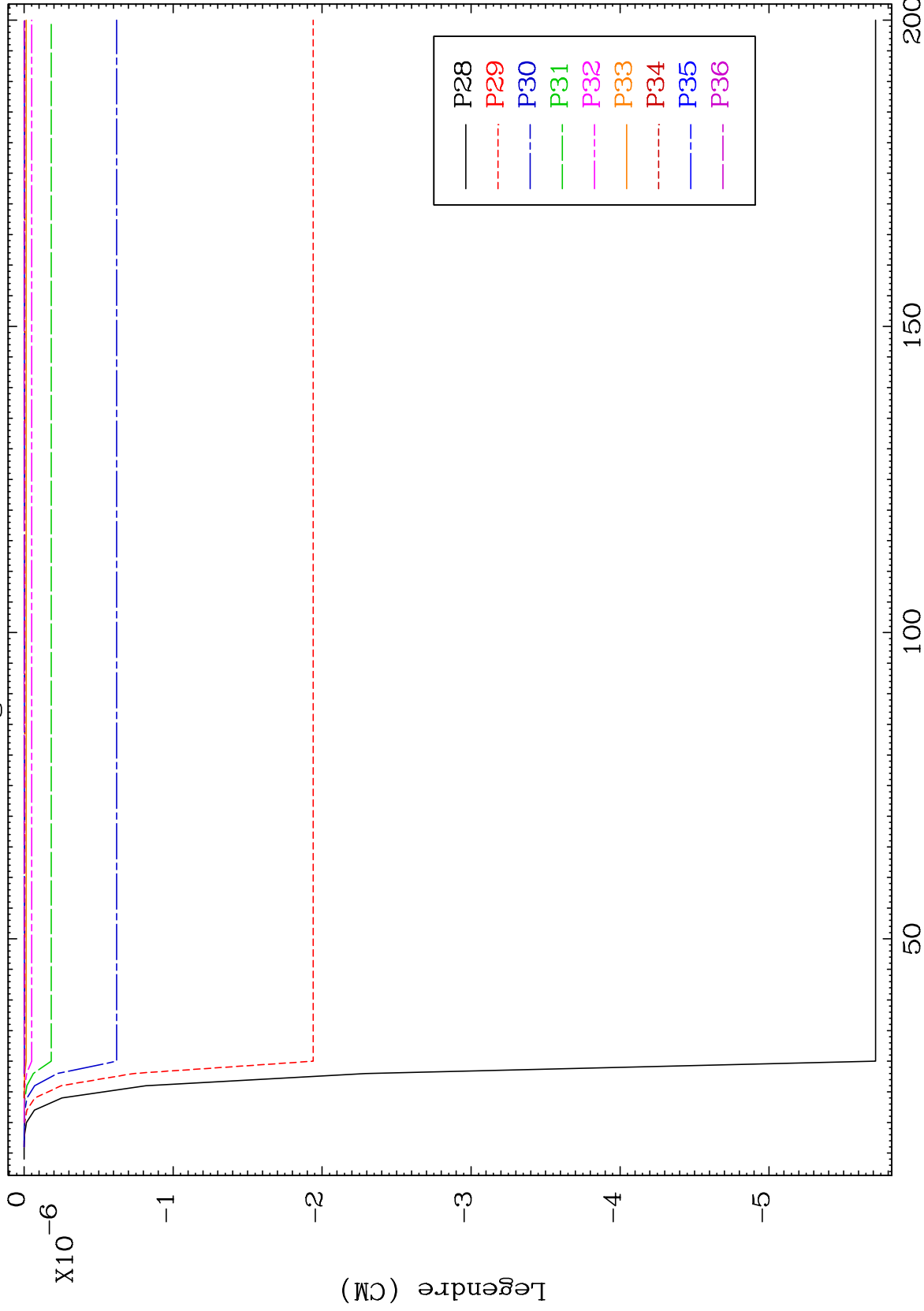


45 Incident Energy (MeV) 52-Te-136

MAT 5273

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

52-Te-136

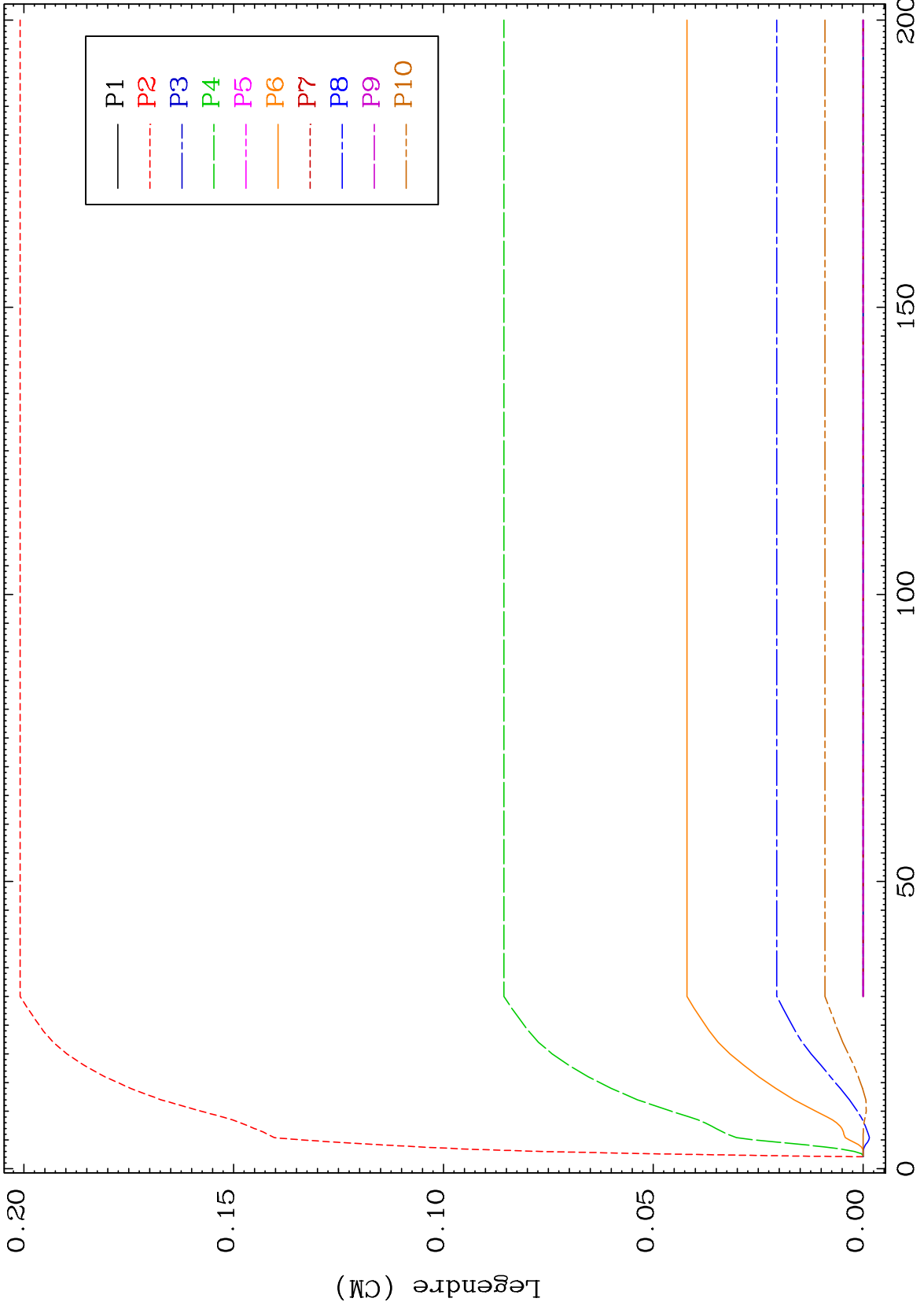


52-Te-136

Incident Energy (MeV)

46

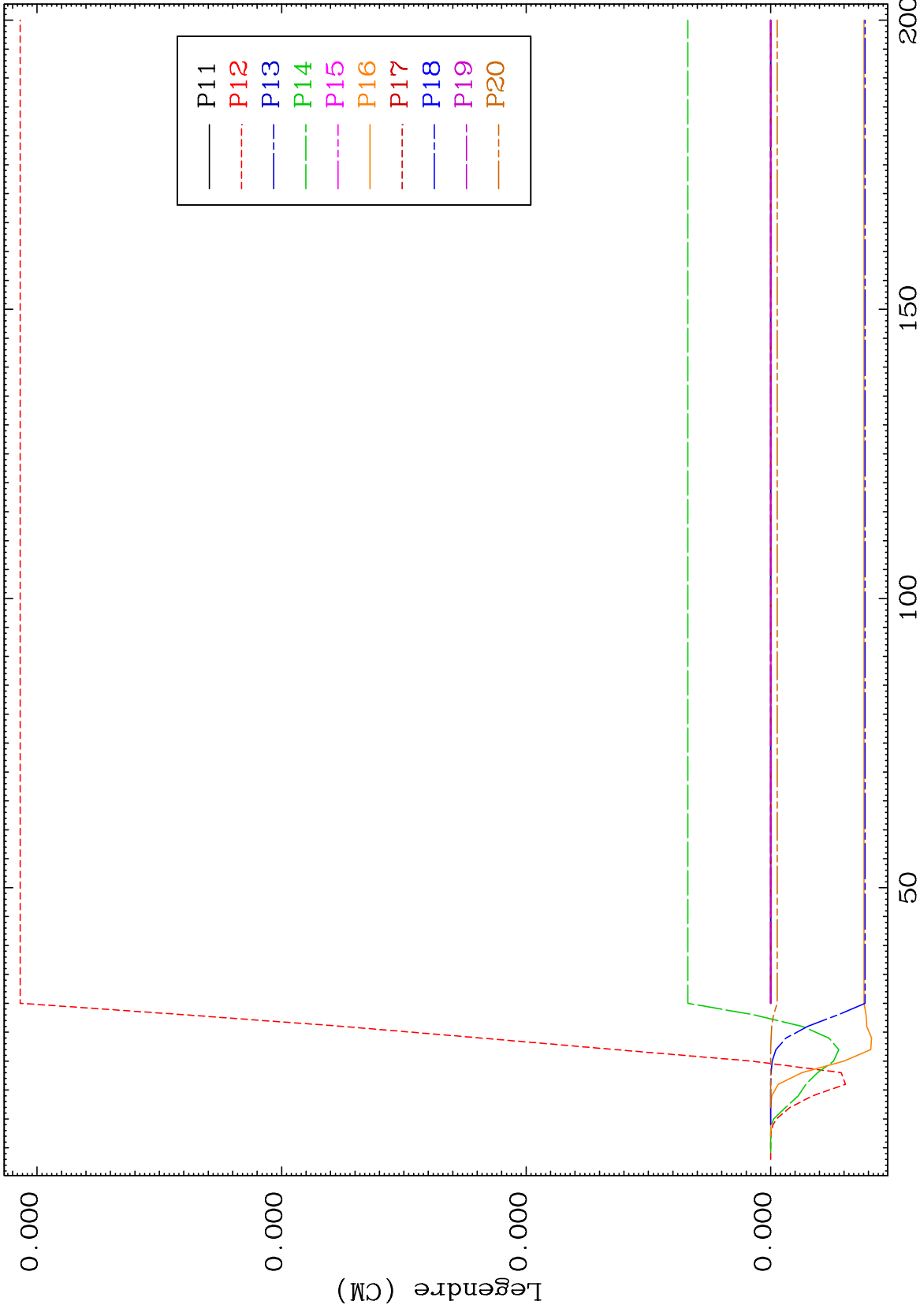
MAT 5273 MT= 58 (n,n') Level Legendre Coefficients 52-Te-136



MAT 5273

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

52-Te-136



48

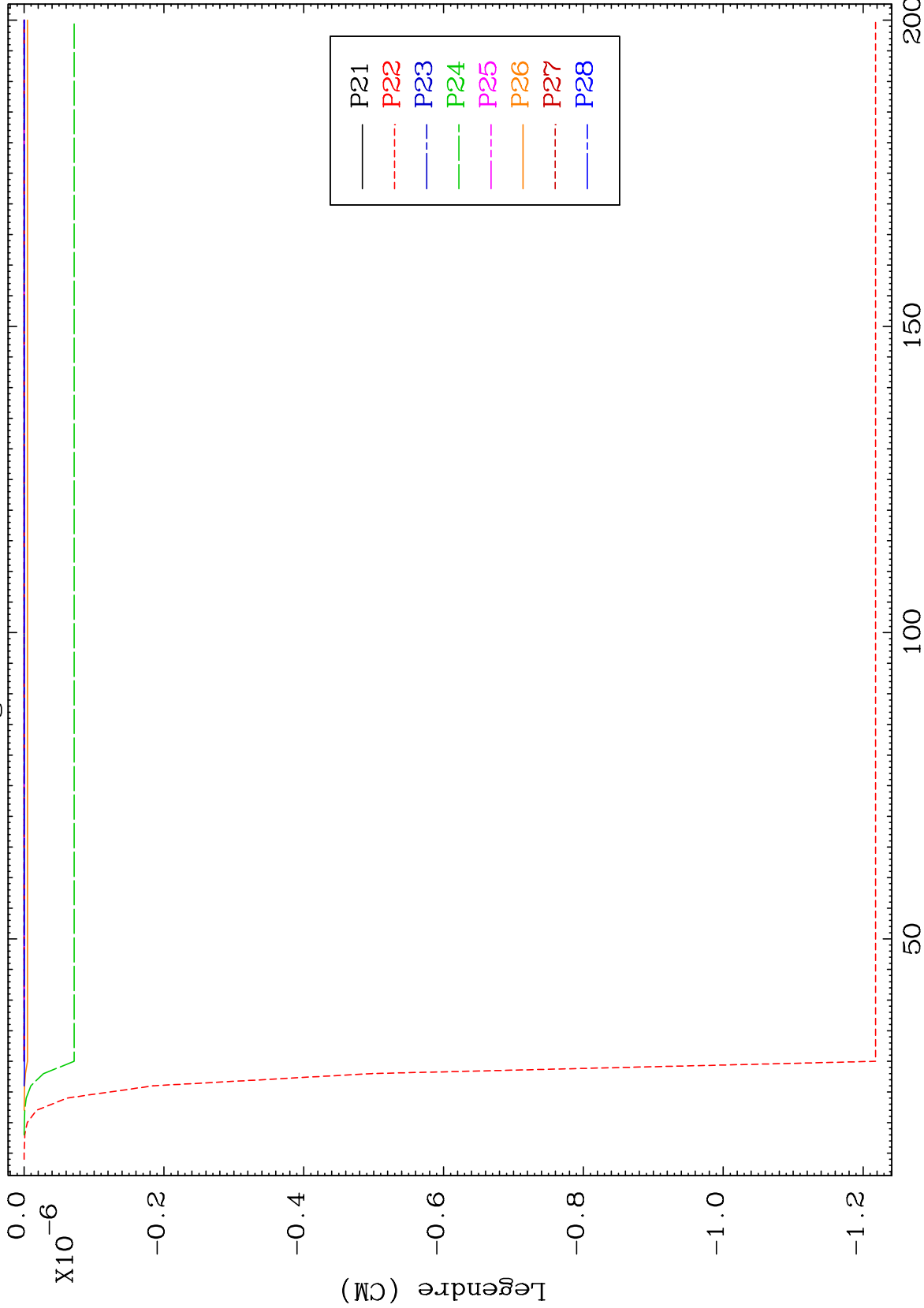
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



49

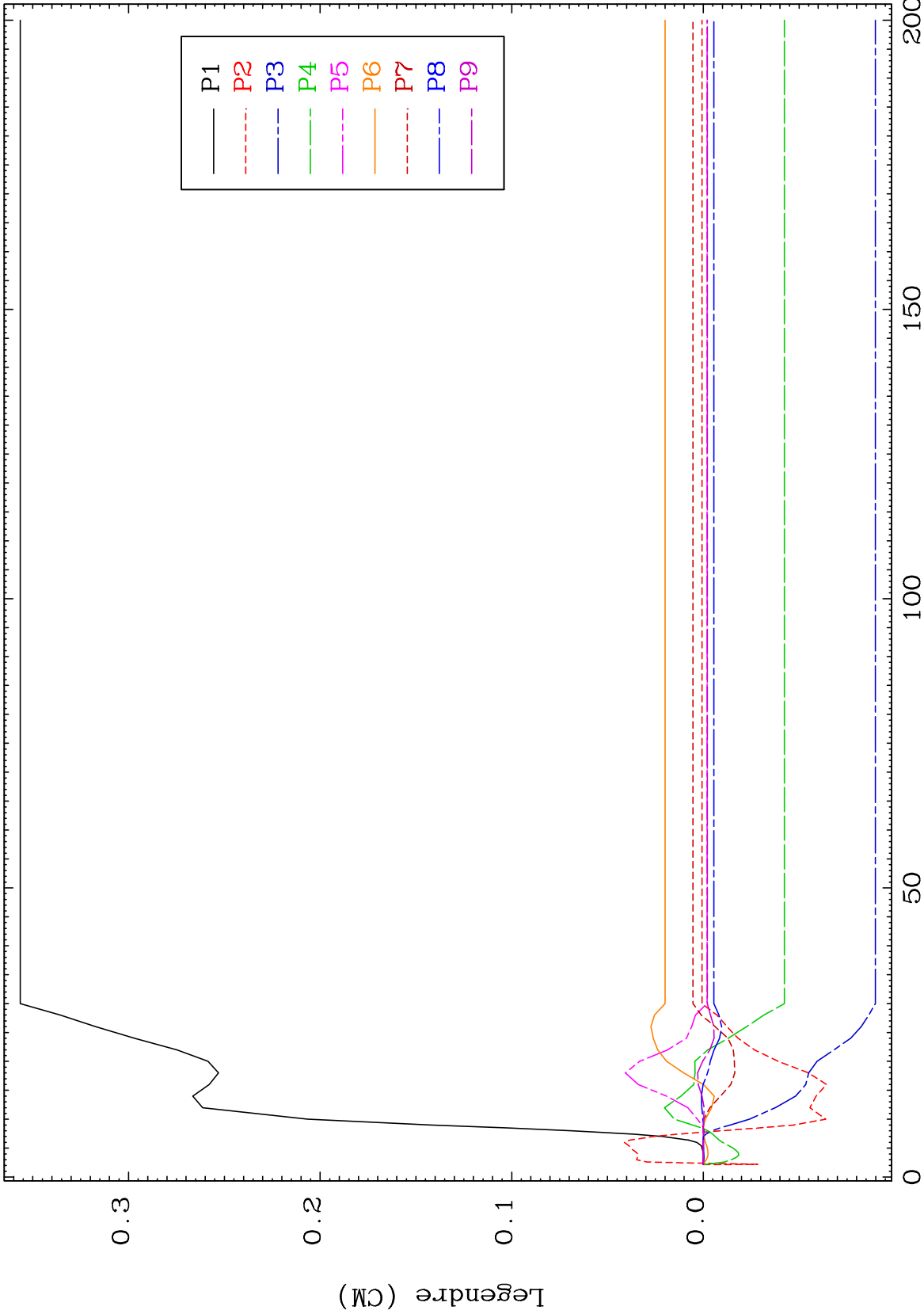
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



52-Te-136

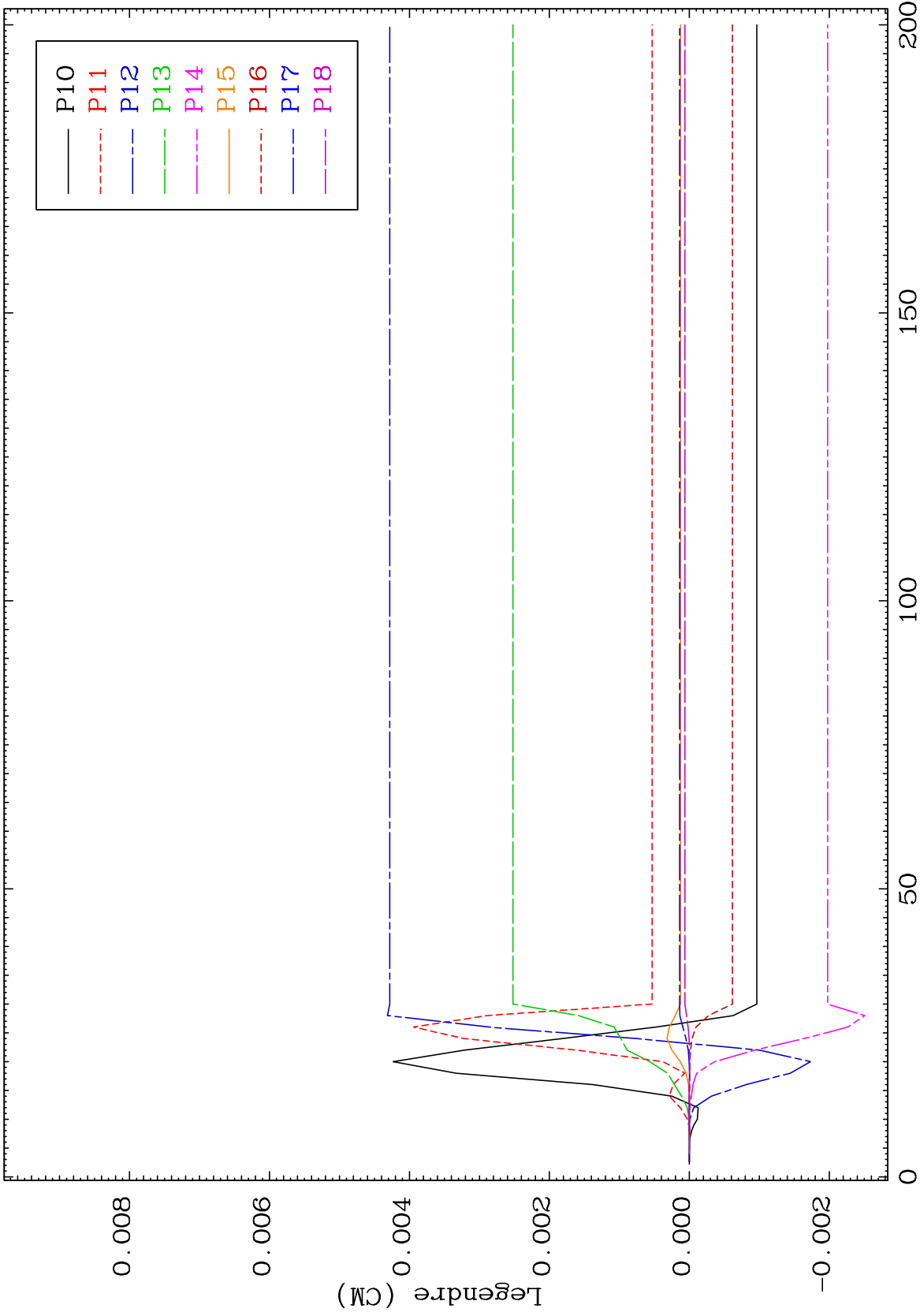
Incident Energy (MeV)

50

MAT 5273

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

52-Te-136



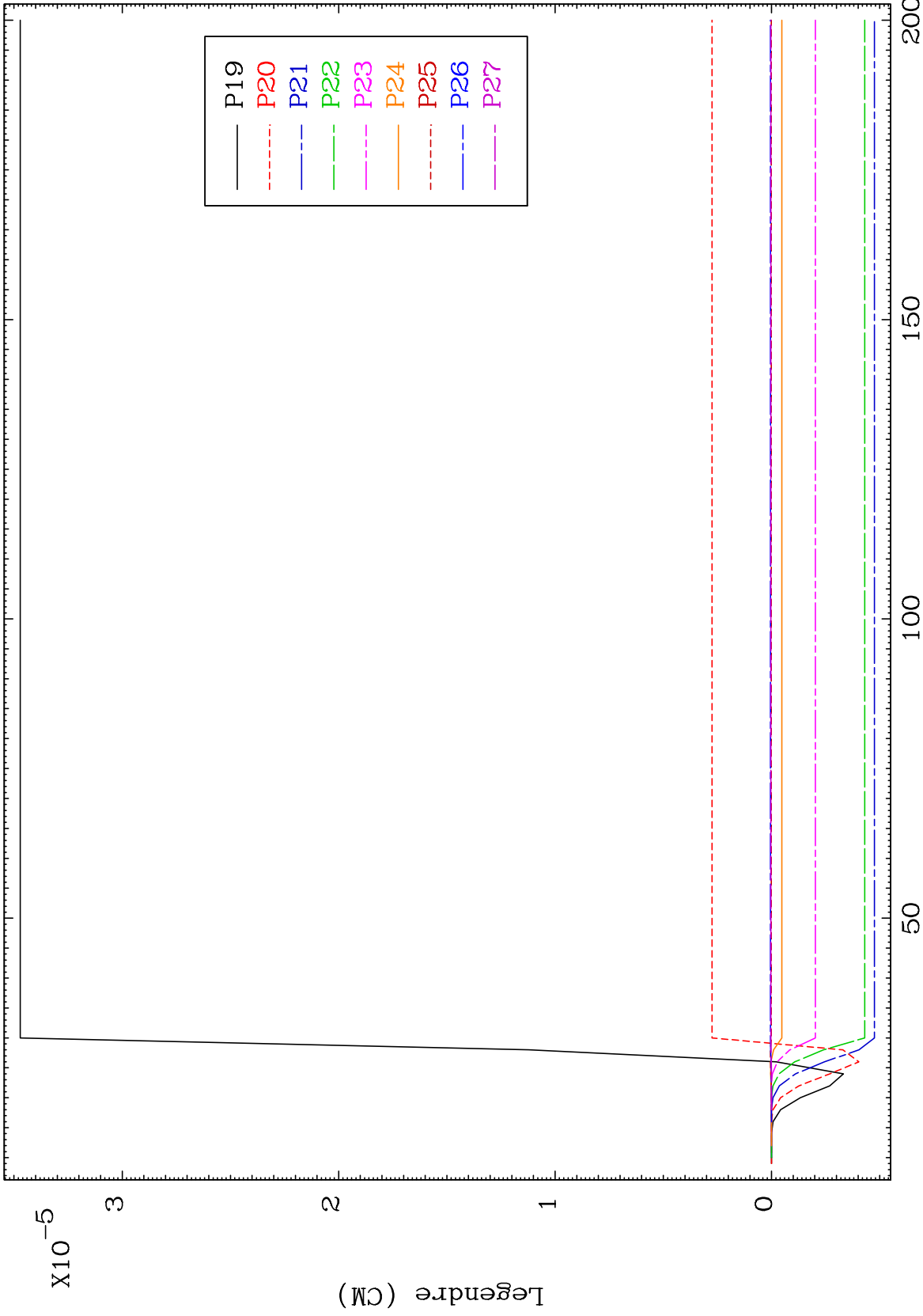
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52-Te-136

MAT 5273

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

52-Te-136



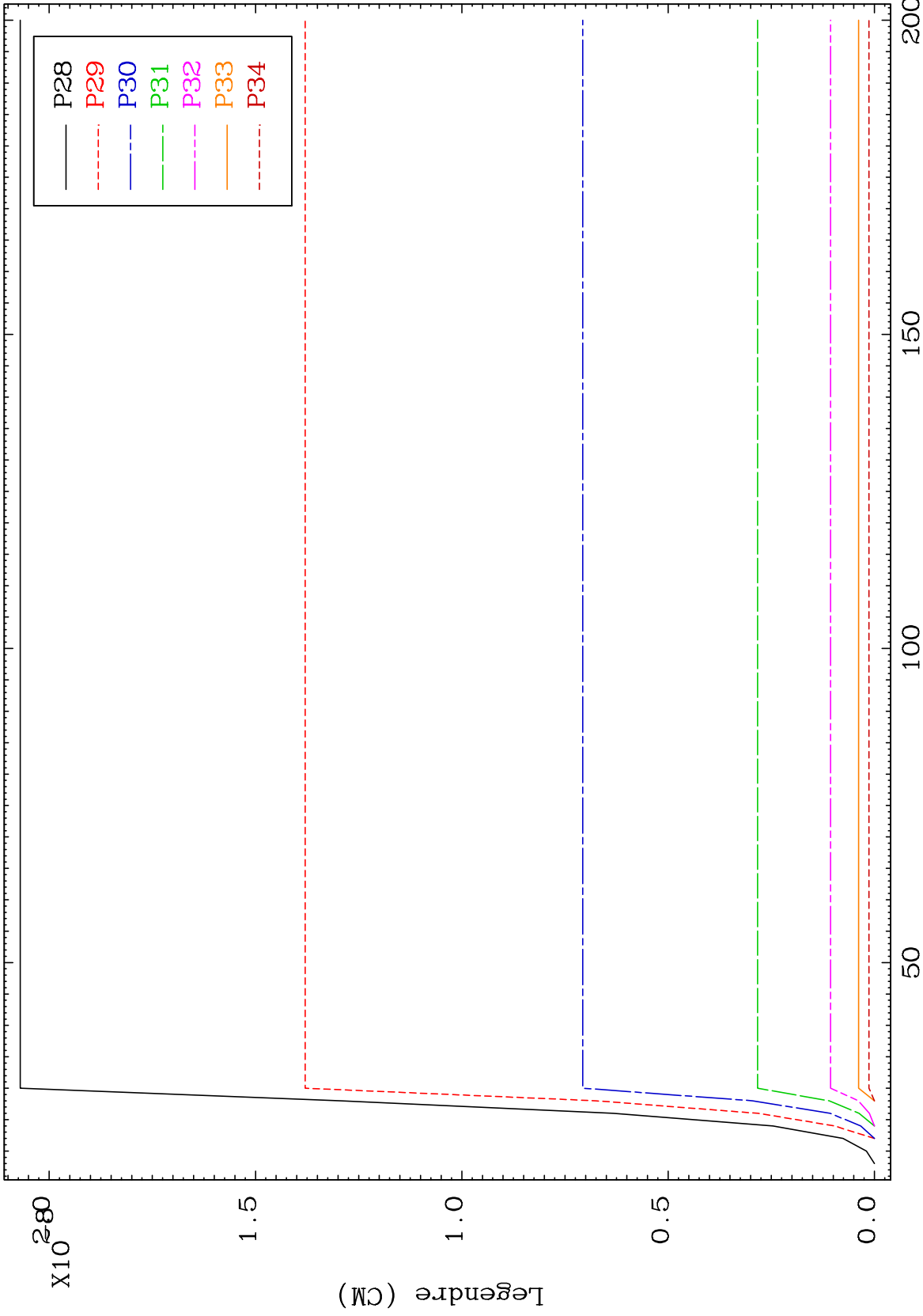
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52-Te-136

MAT 5273

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

52-Te-136



53

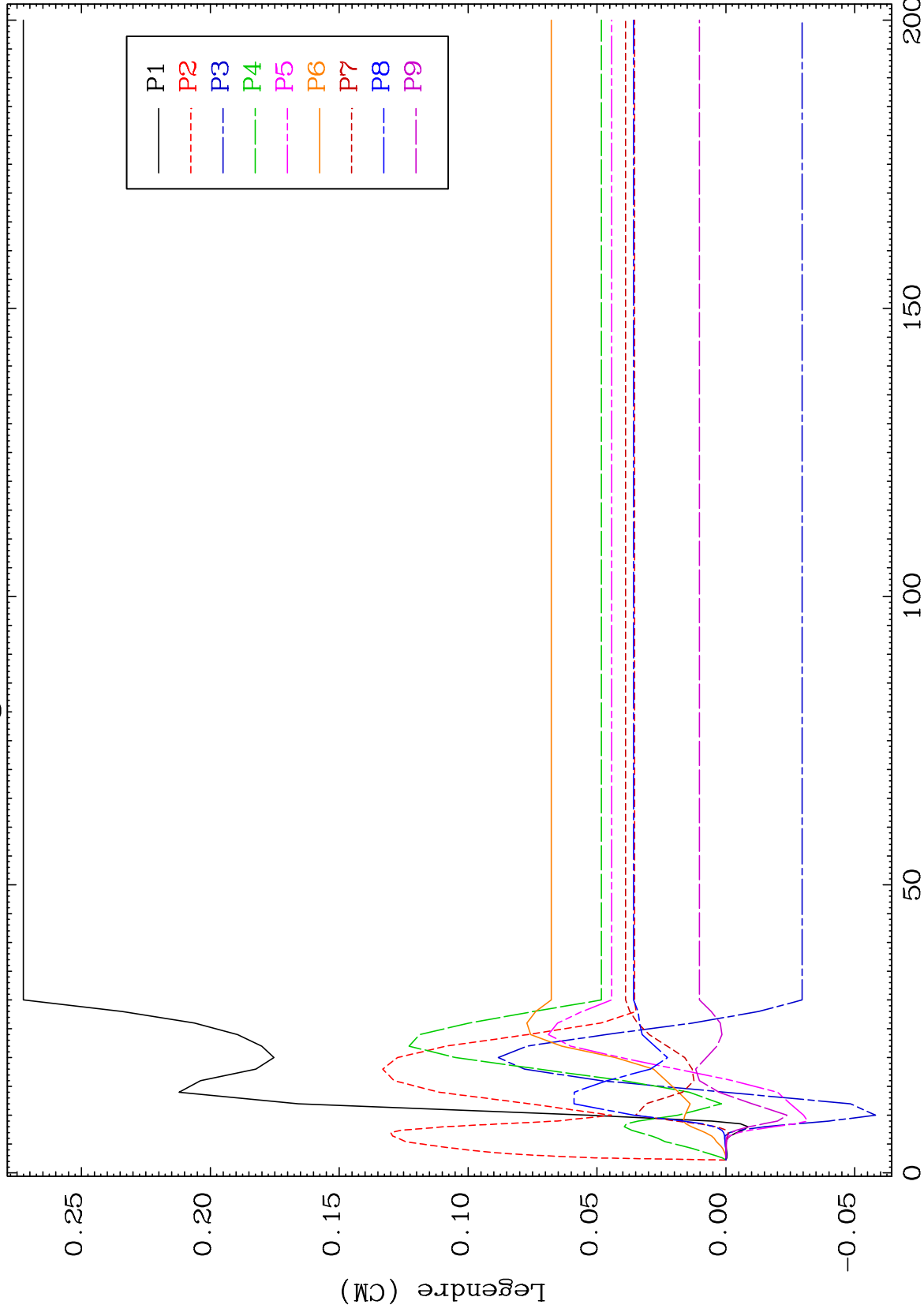
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136

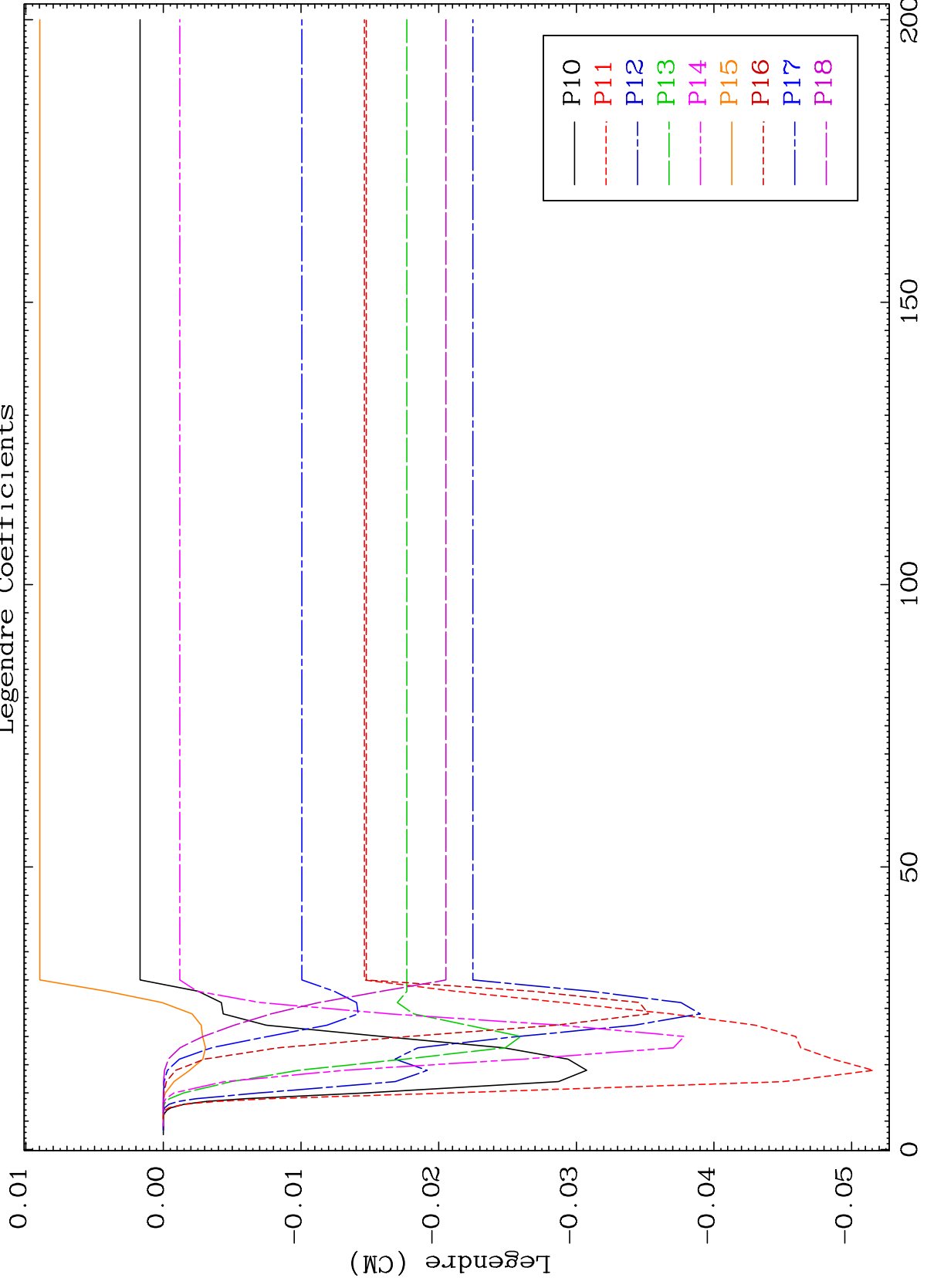


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Incident Energy (MeV)

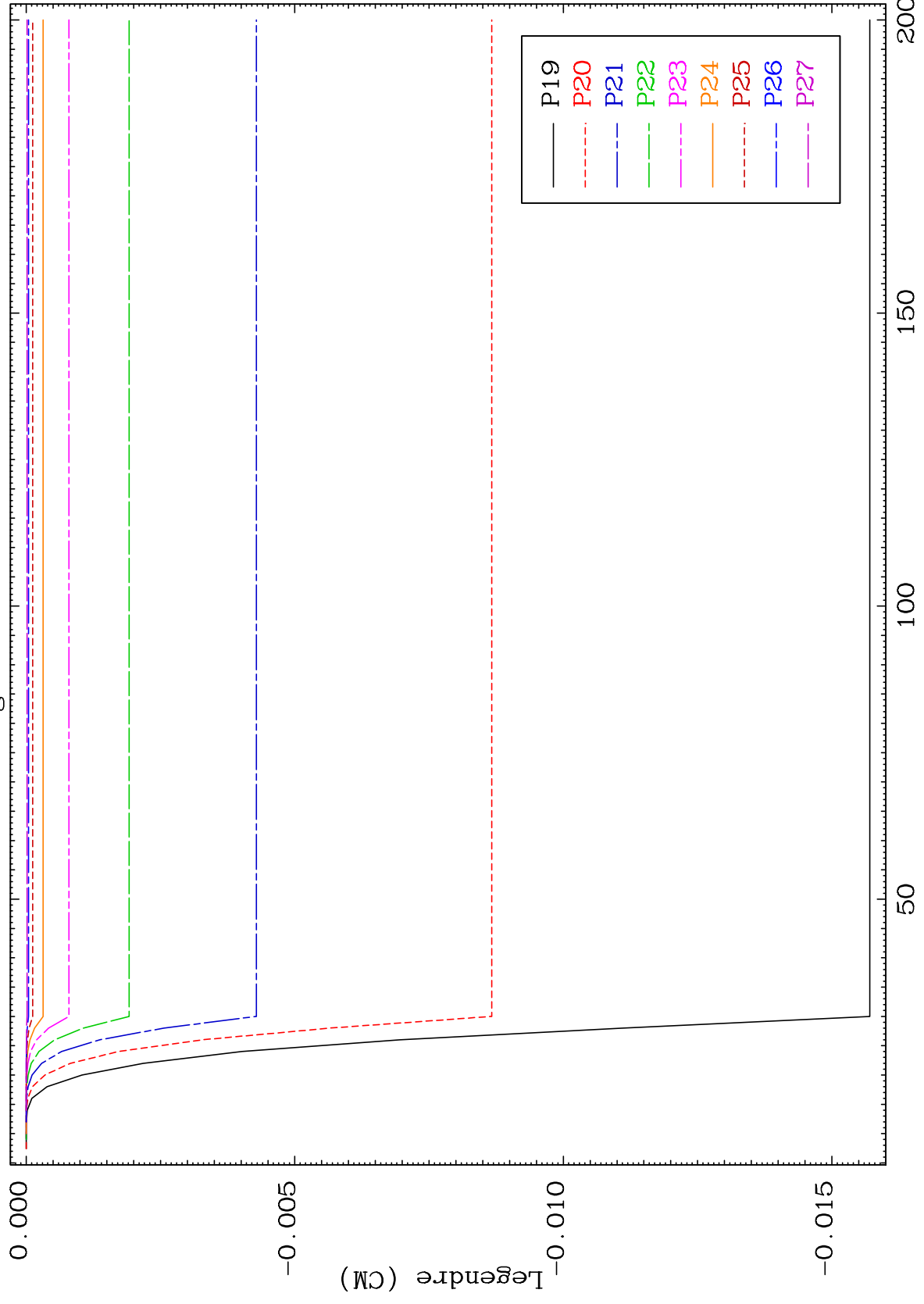
52-Te-136

MAT 5273 MT= 60 (n,n') Level Legendre Coefficients 52-Te-136



52-Te-136

MAT 5273 MT= 60 (n,n') Level Legendre Coefficients 52-Te-136

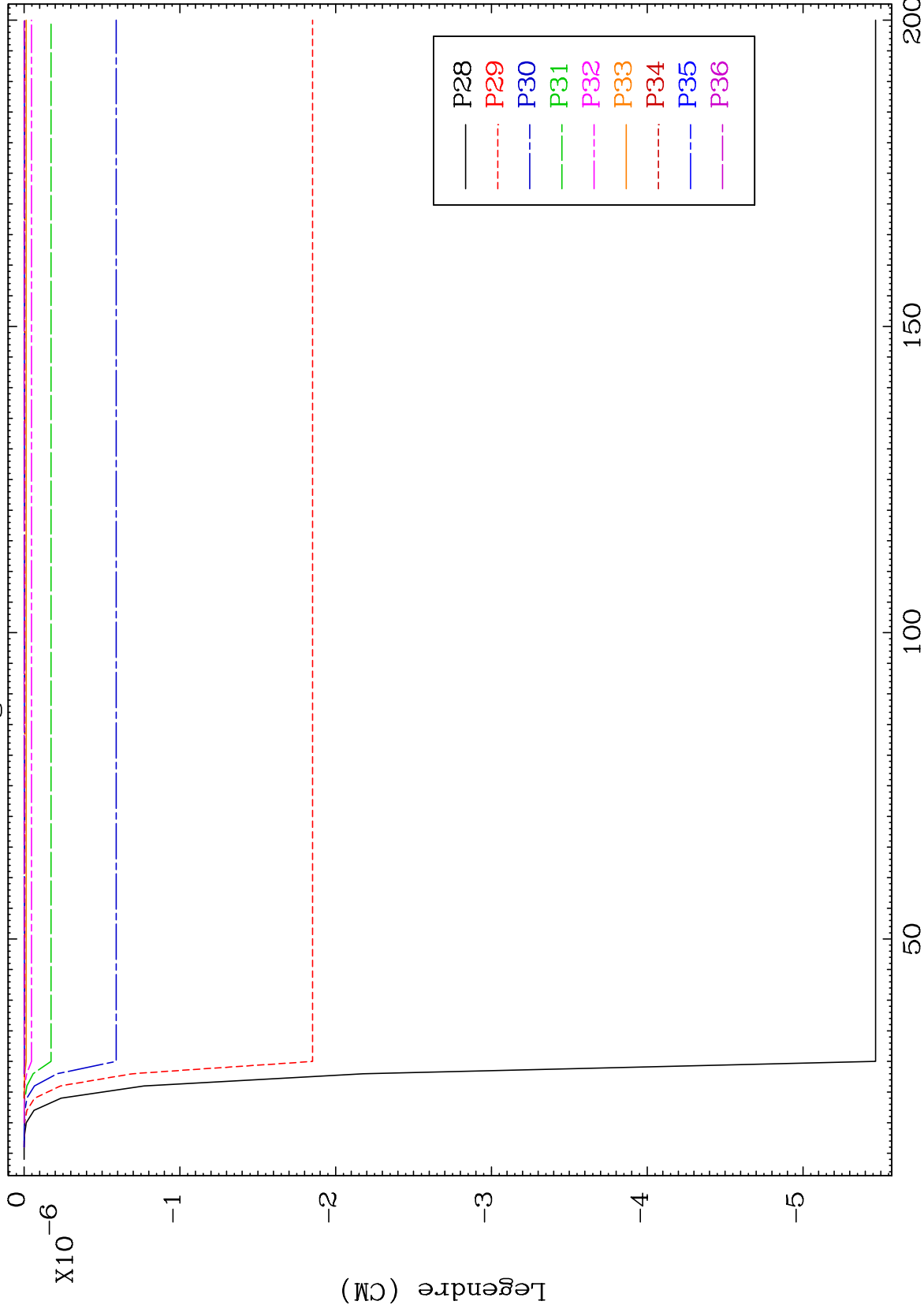


56 52-Te-136

MAT 5273

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

52-Te-136



52-Te-136

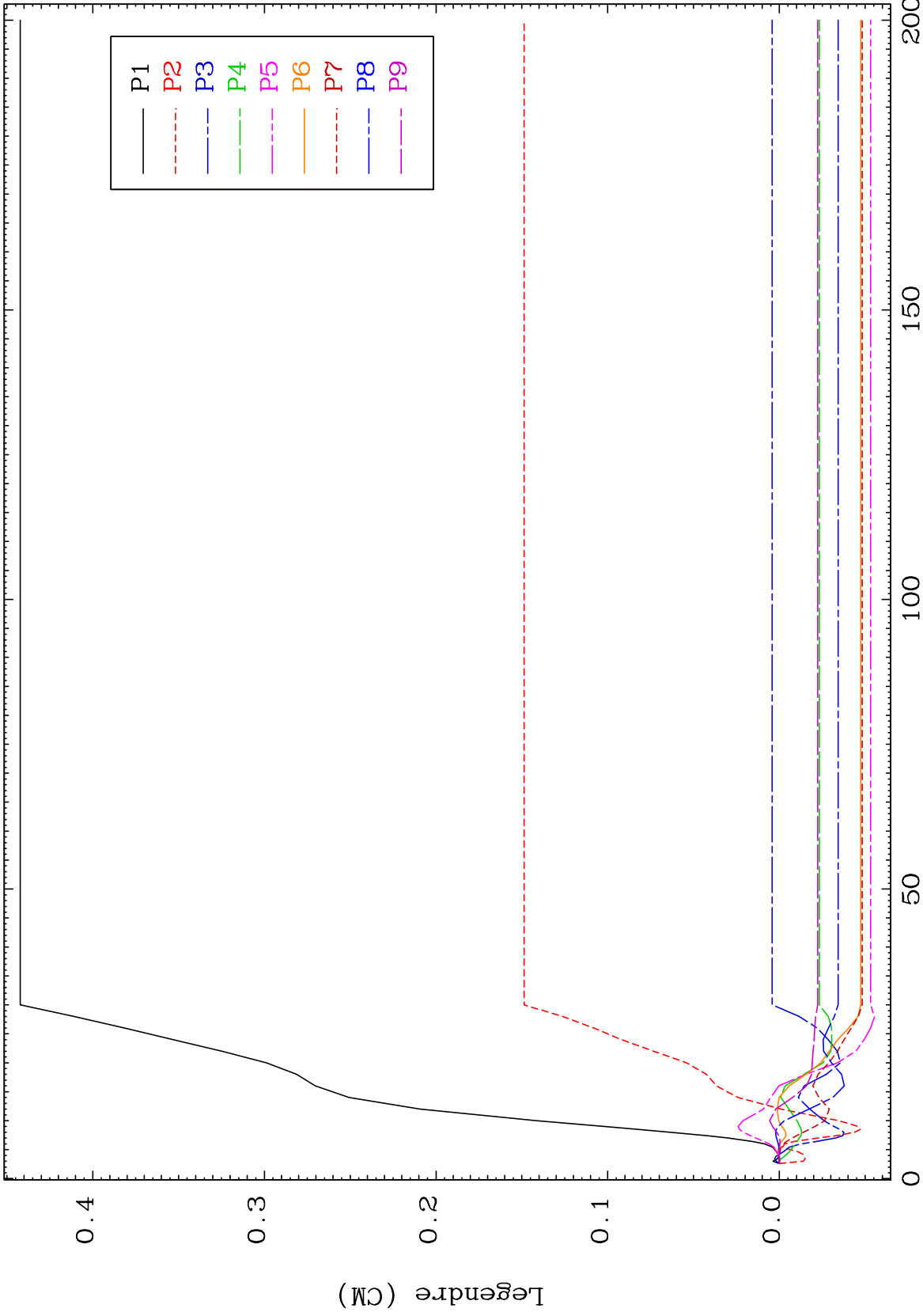
Incident Energy (MeV)

57

MAT 5273

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

52-Te-136



58

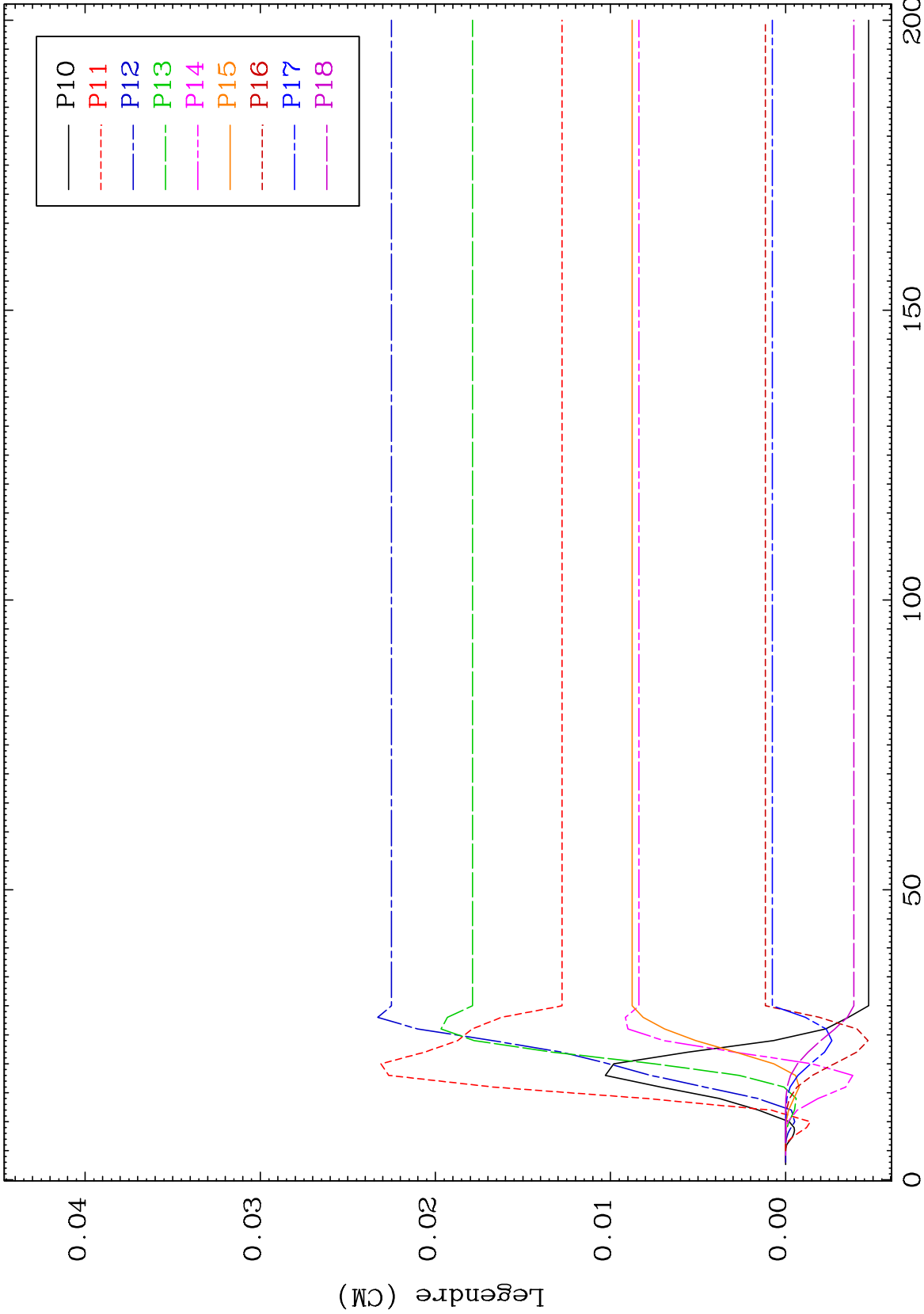
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



59

Incident Energy (MeV)

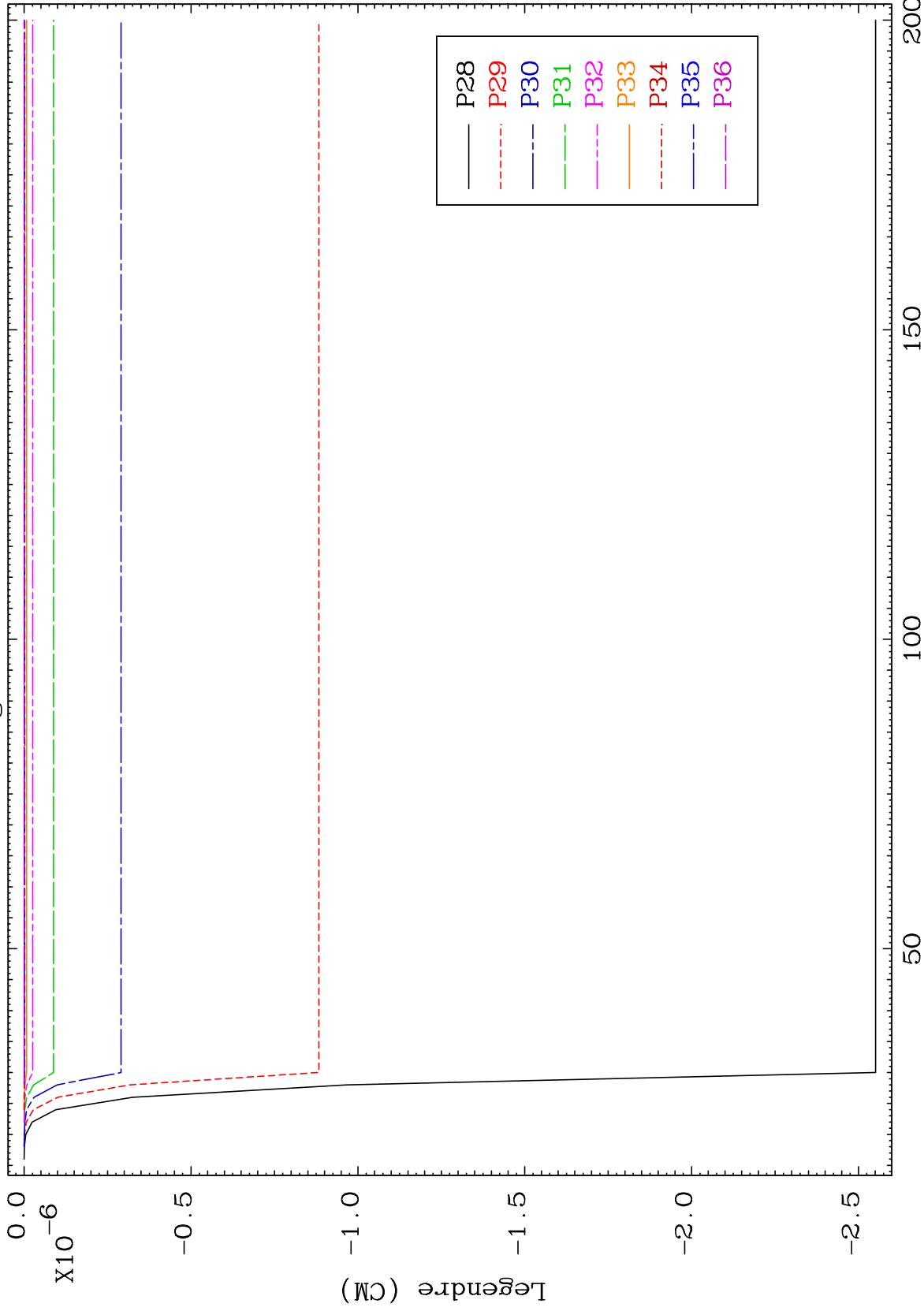
52-Te-136



MAT 5273

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

52-Te-136



61

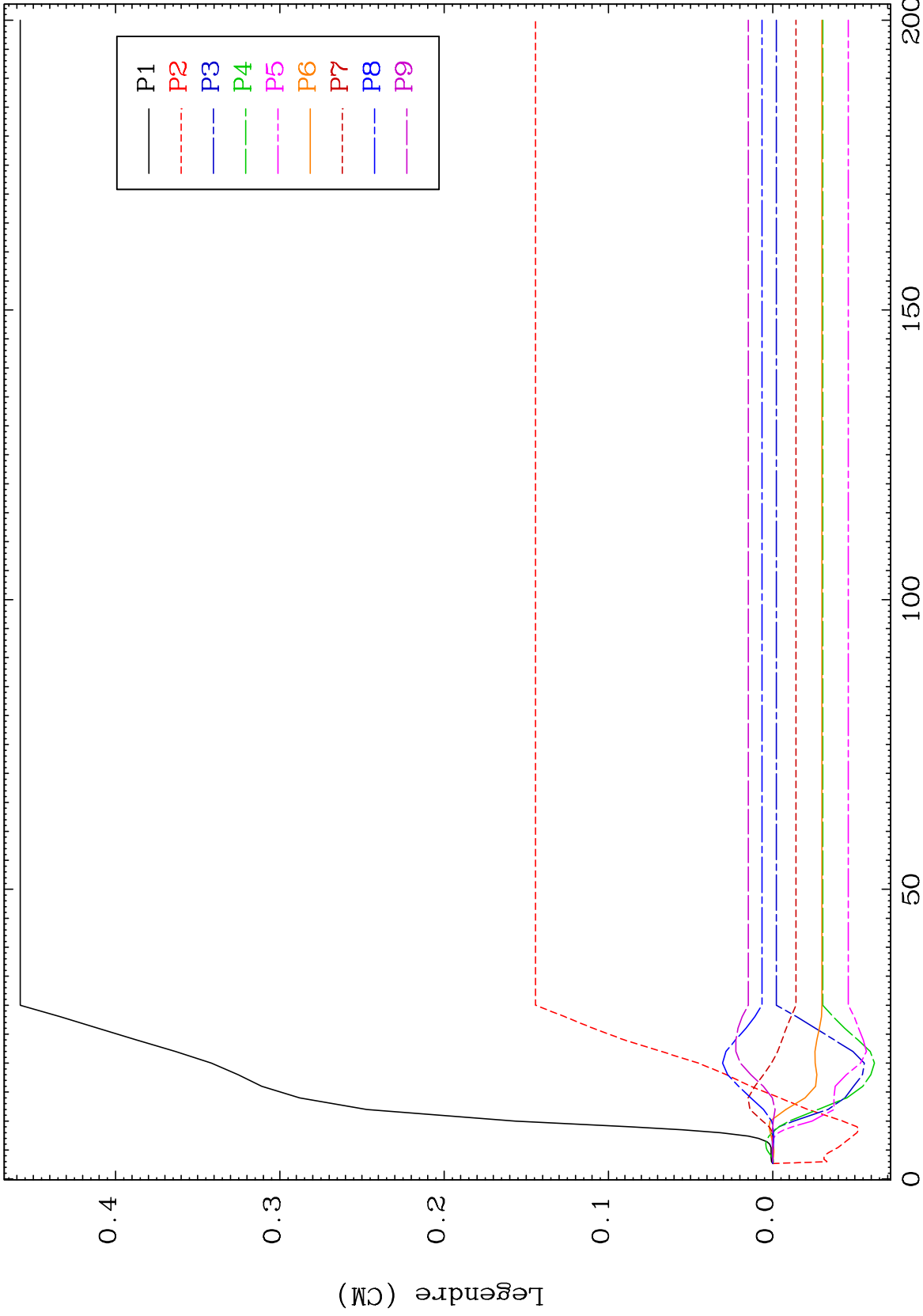
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



62

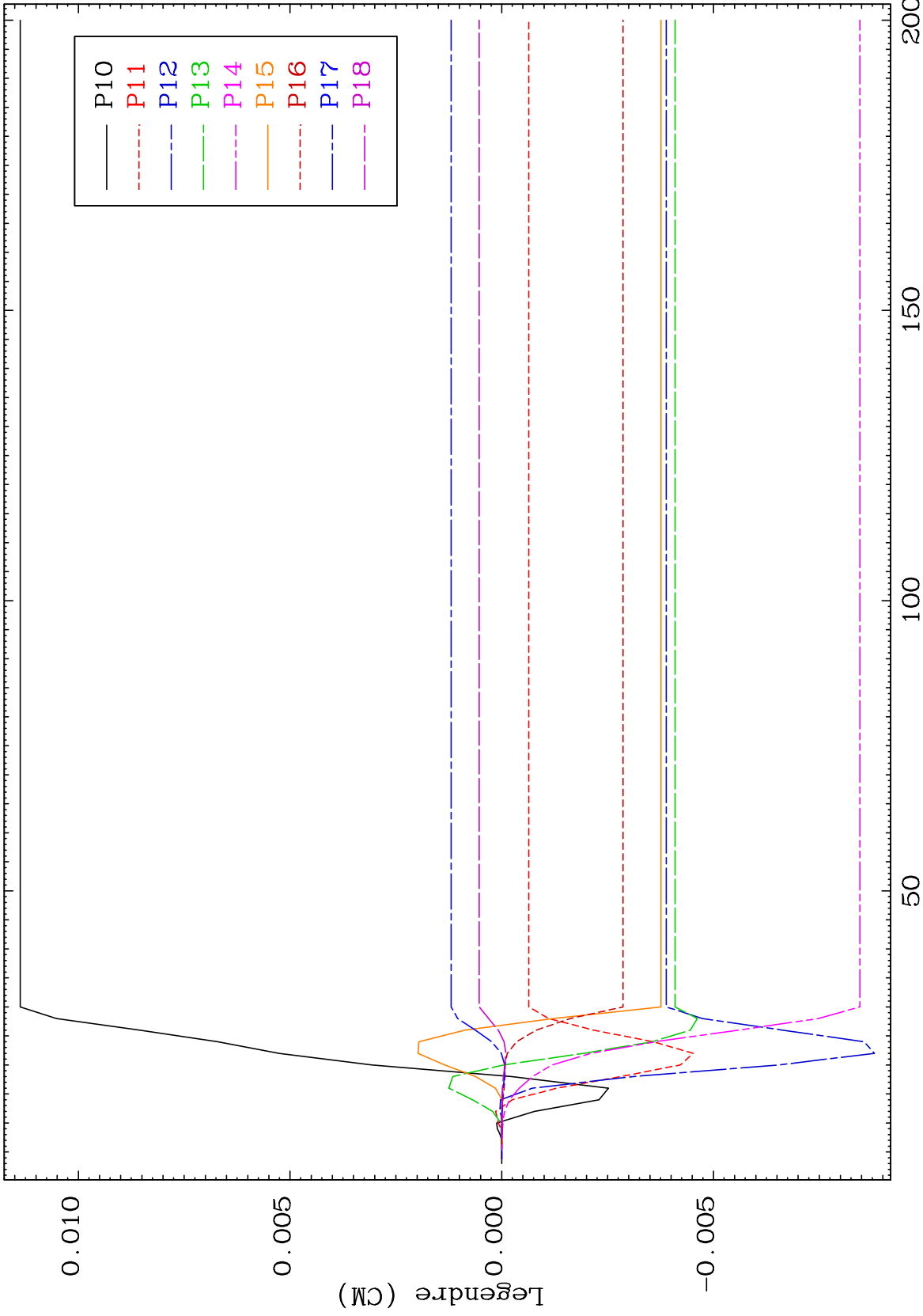
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



63

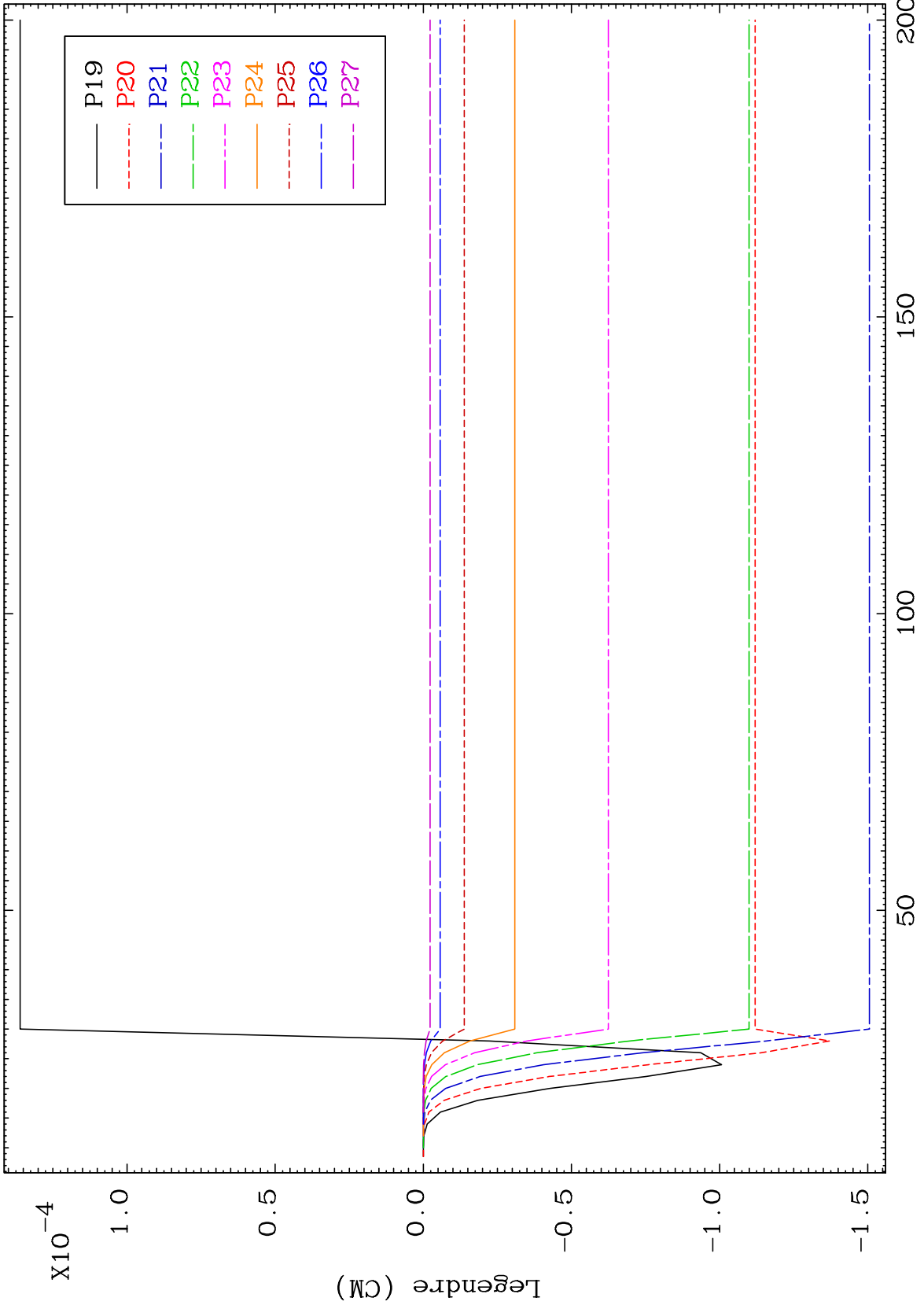
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



64

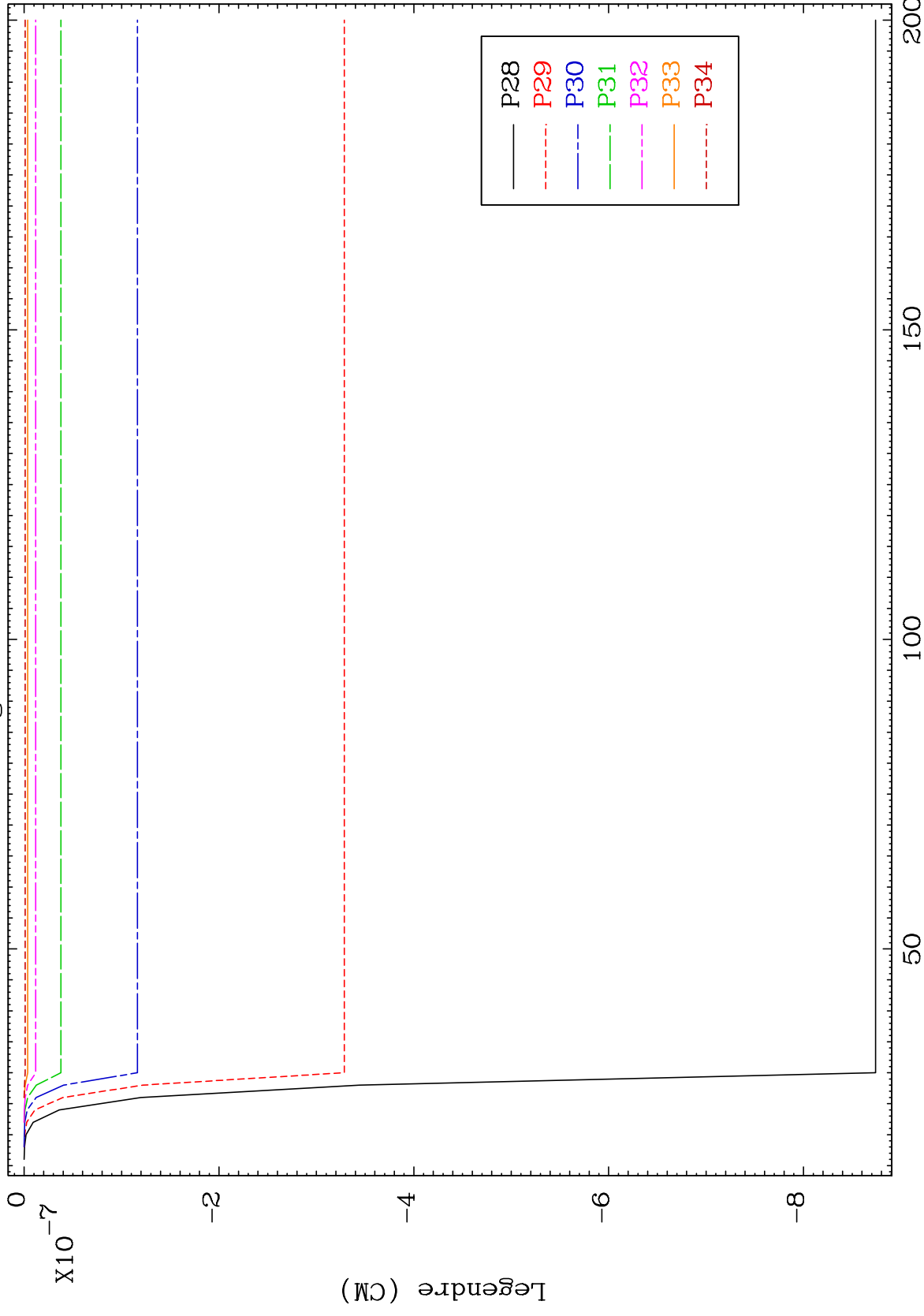
Incident Energy (MeV)

52-Te-136

MAT 5273

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

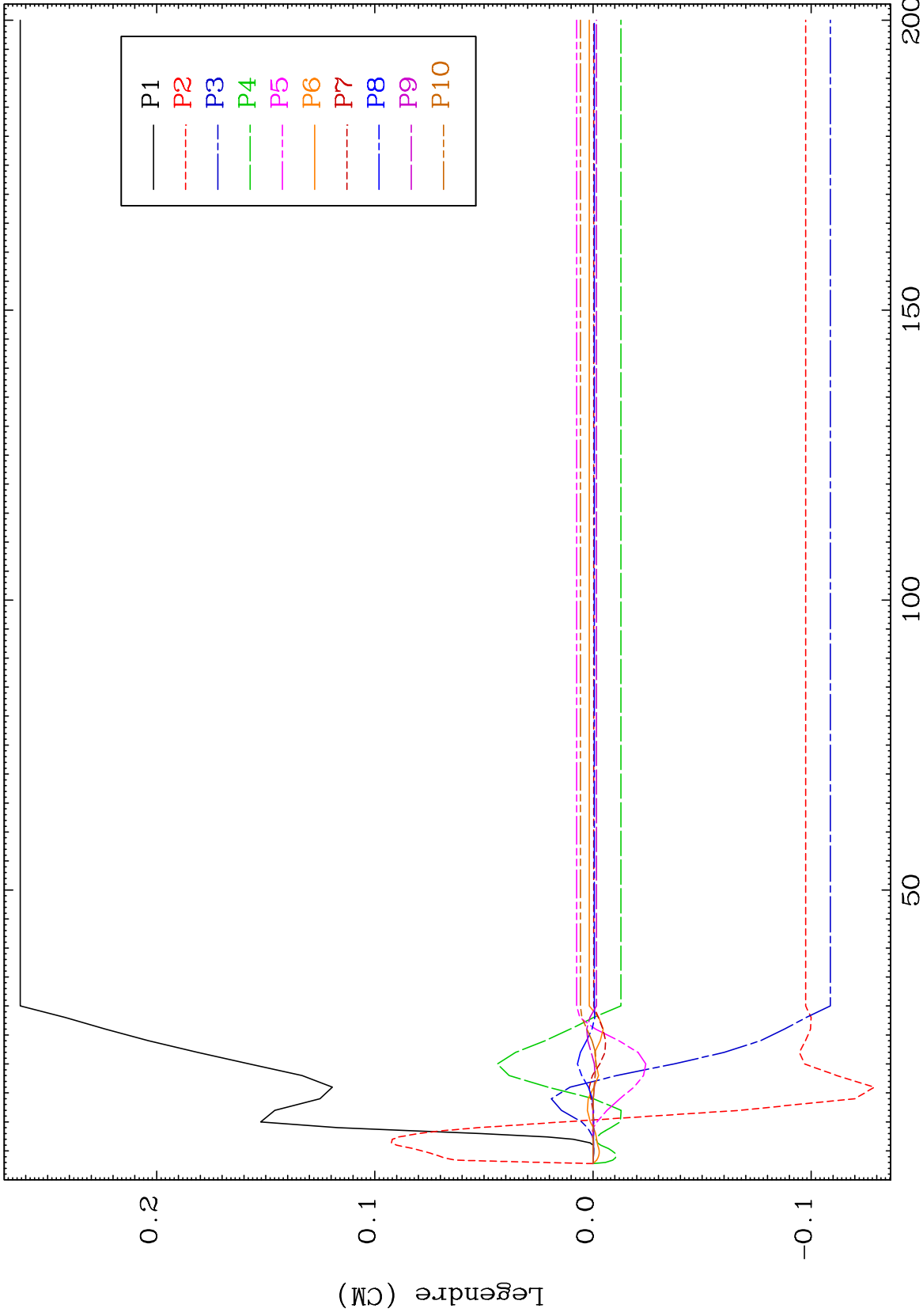
52-Te-136



52-Te-136

Incident Energy (MeV)

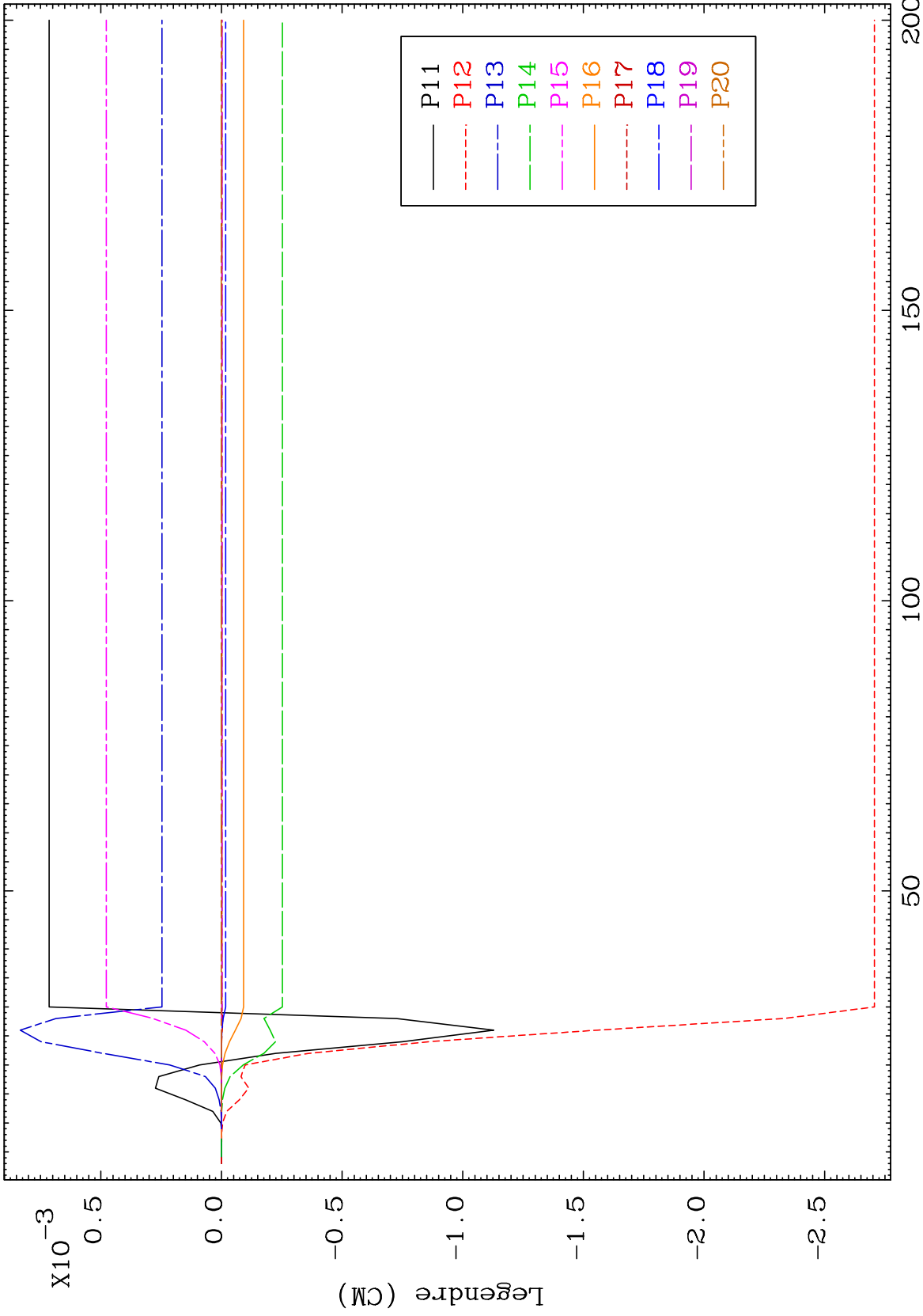
65



MAT 5273

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

52-Te-136



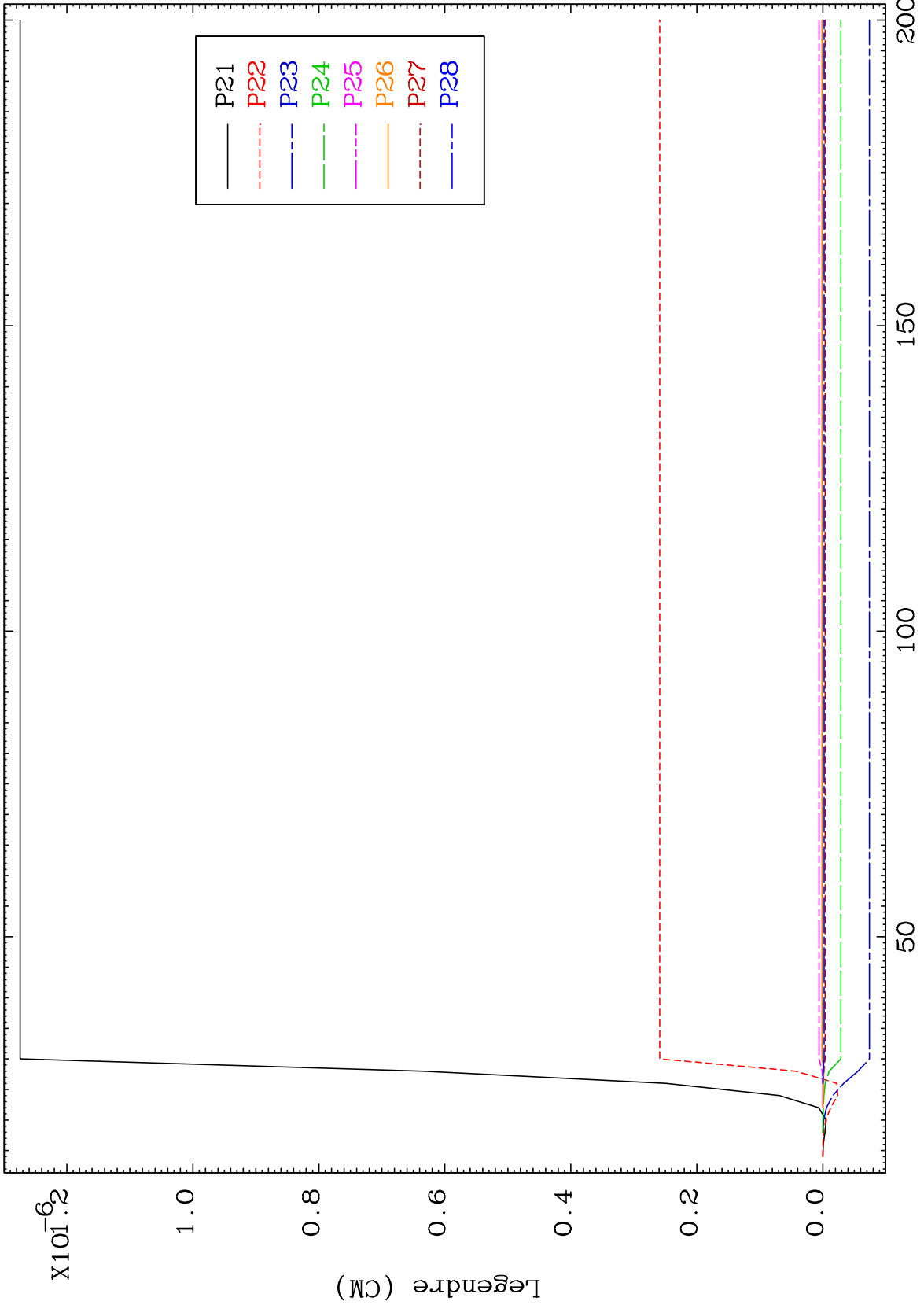
67

52-Te-136

MAT 5273

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

52-Te-136



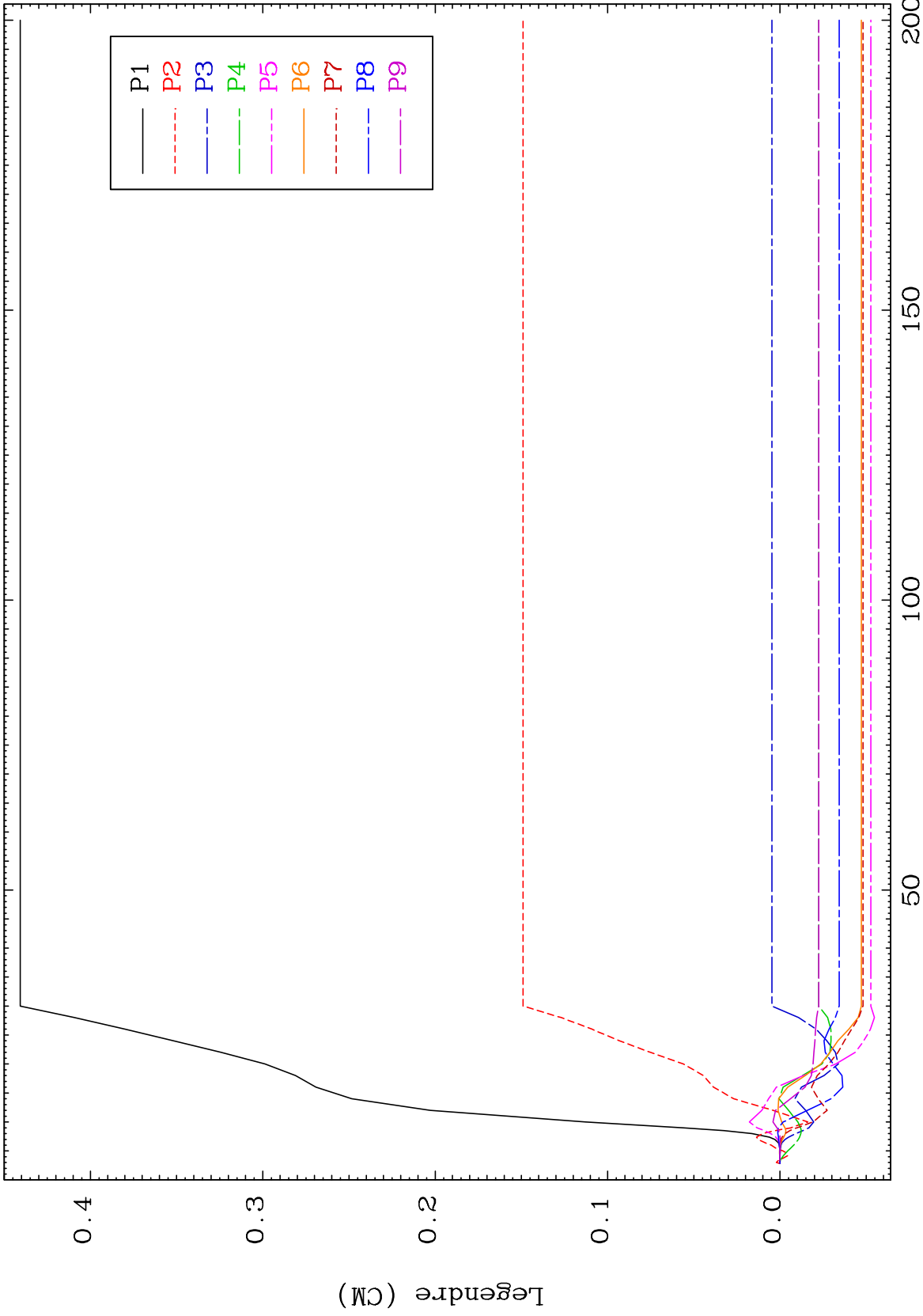
68

52-Te-136

MAT 5273

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

52-Te-136



69

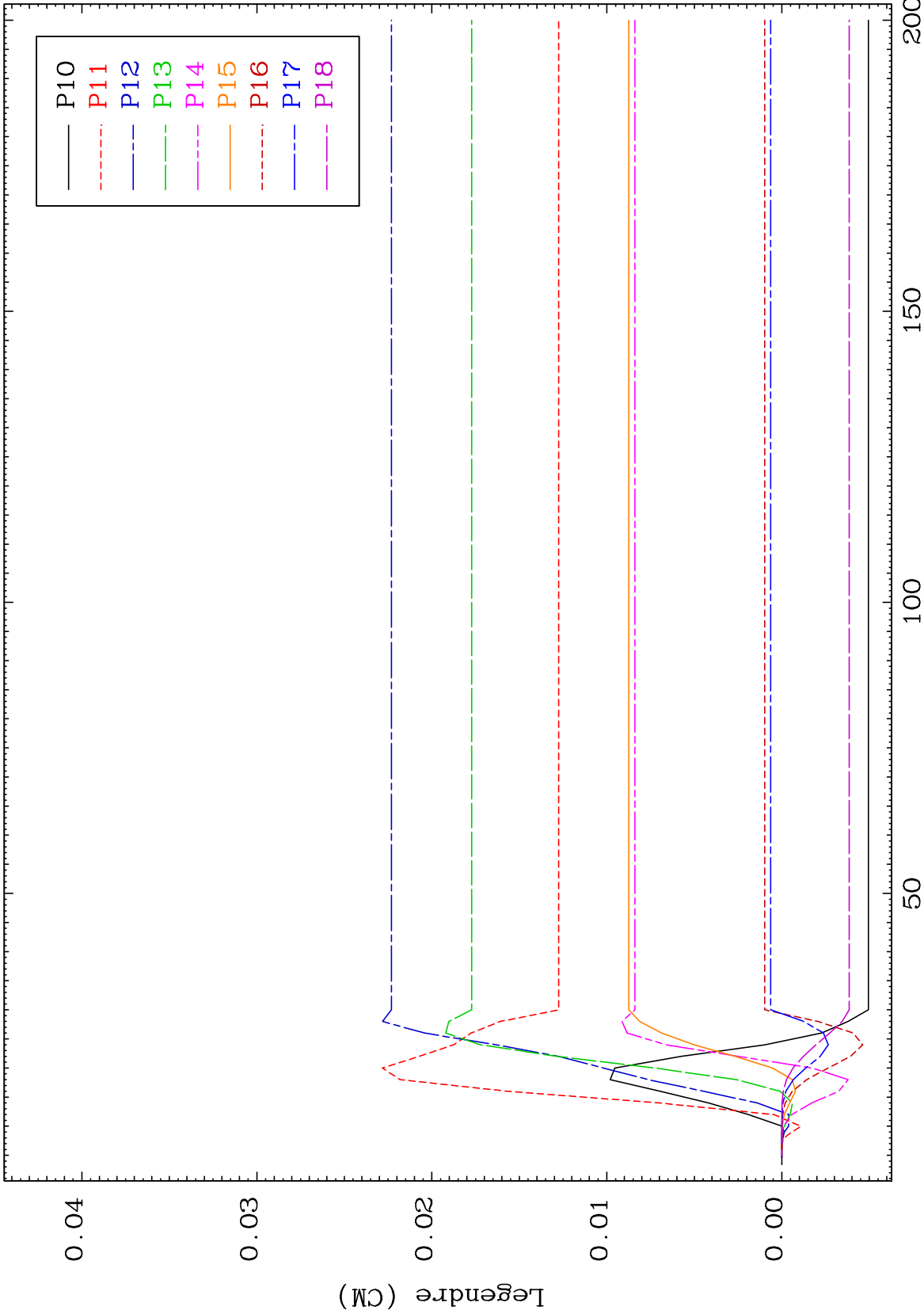
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136

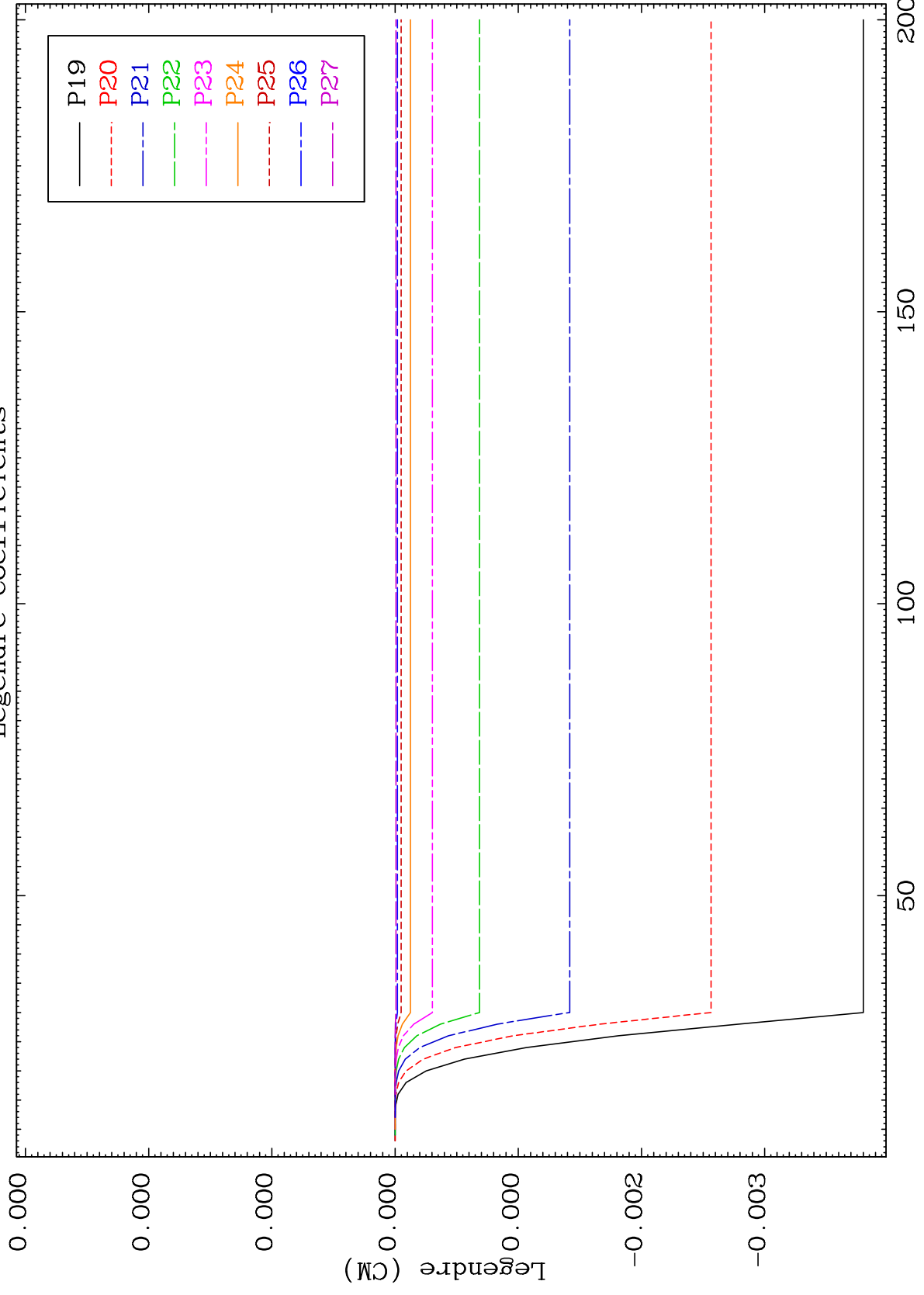


70

Incident Energy (MeV)

52-Te-136

MAT 5273 MT= 64 (n,n') Level Legendre Coefficients 52-Te-136

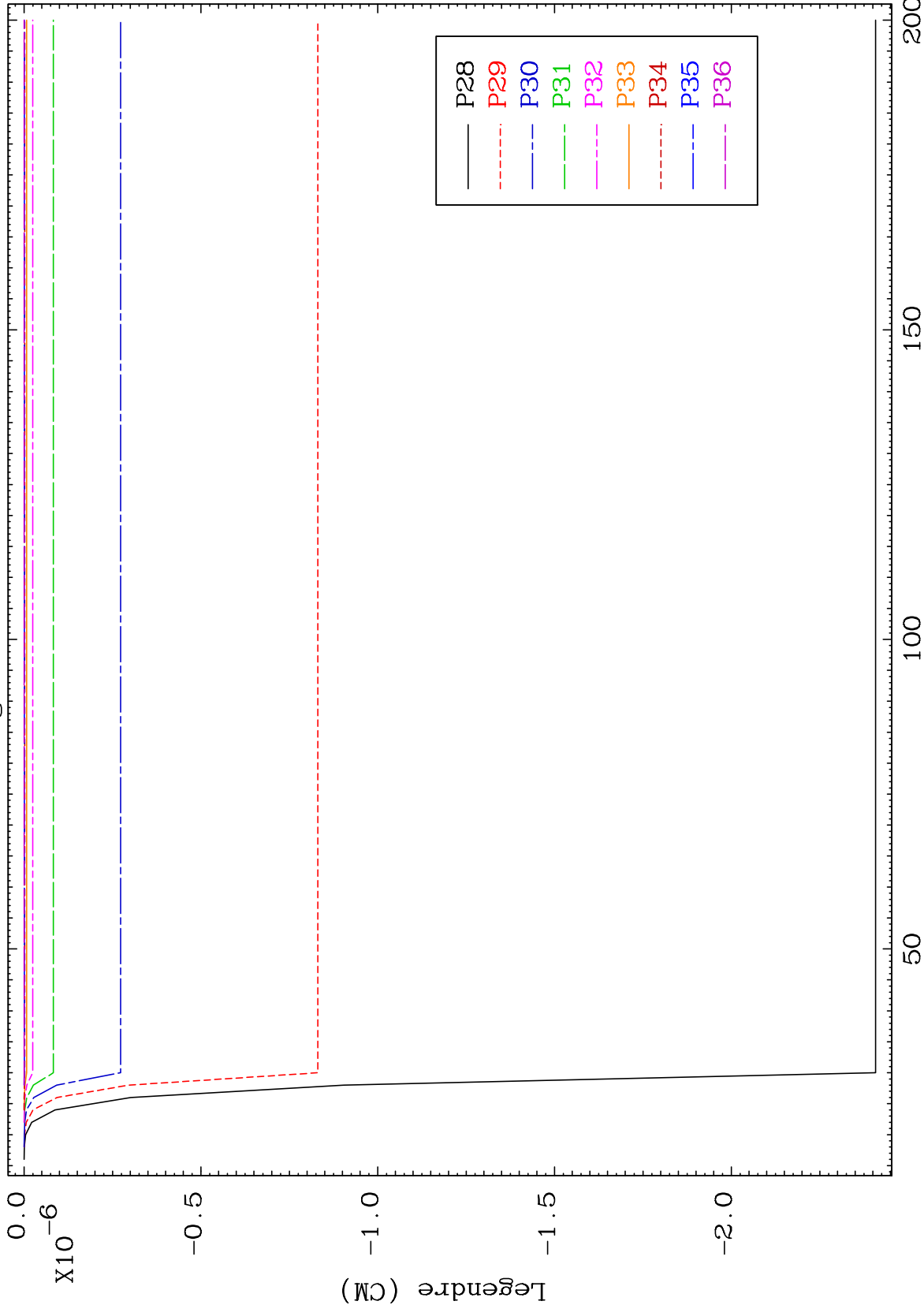


71 52-Te-136

MAT 5273

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

52-Te-136

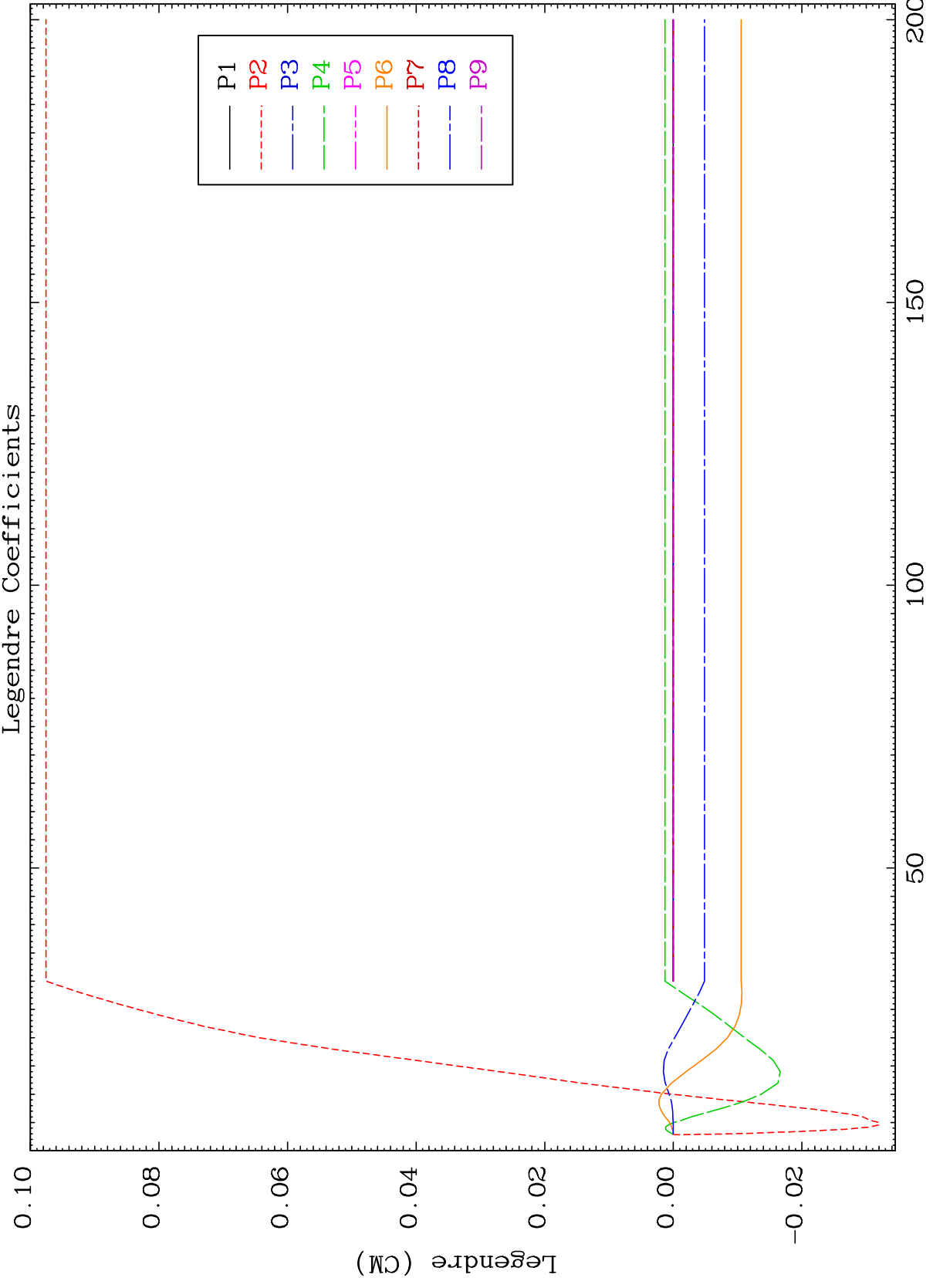


52-Te-136

Incident Energy (MeV)

72

MAT 5273 MT= 65 (n,n') Level Legendre Coefficients 52-Te-136

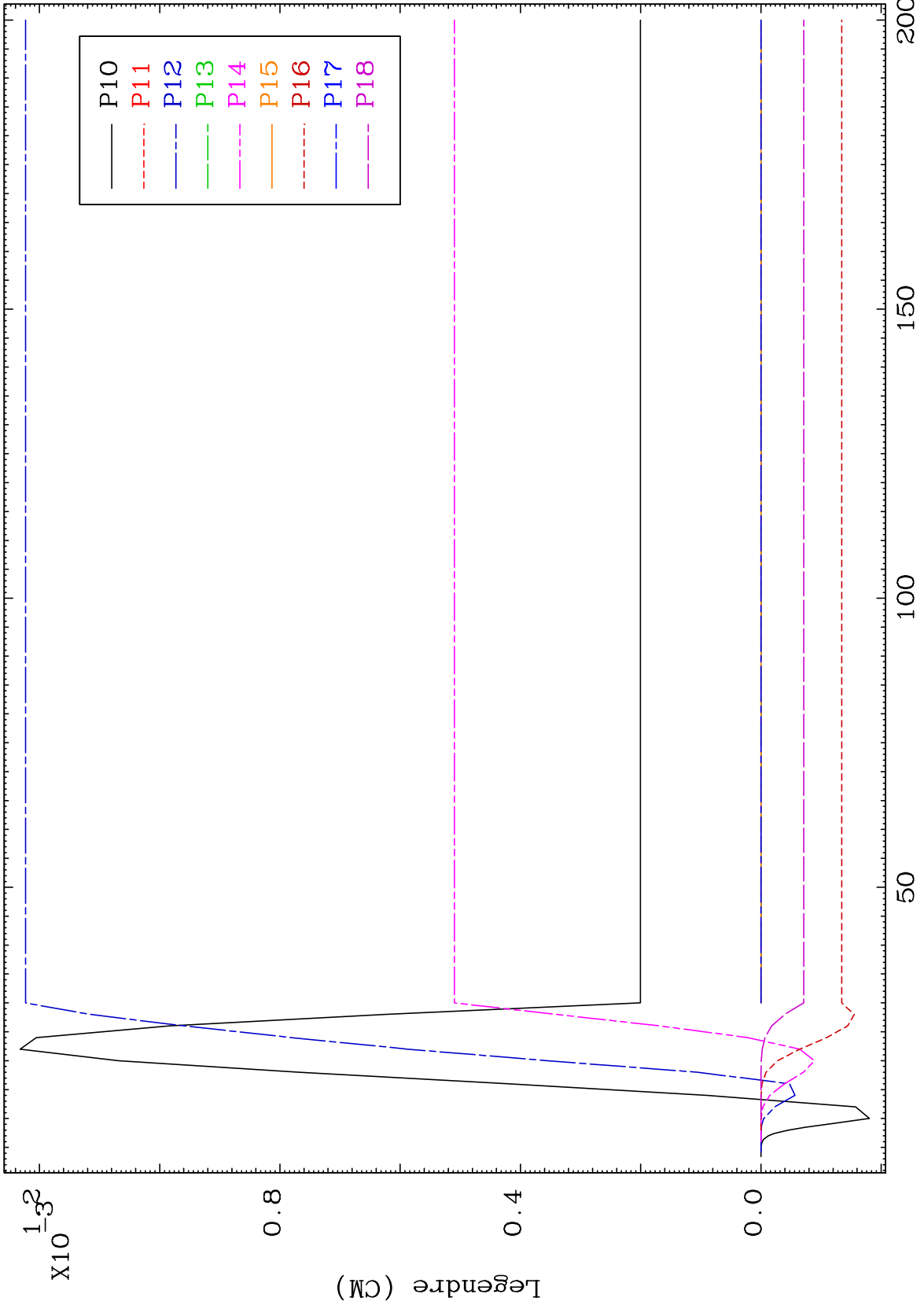


73 Incident Energy (MeV) 52-Te-136

MAT 5273

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

52-Te-136



74

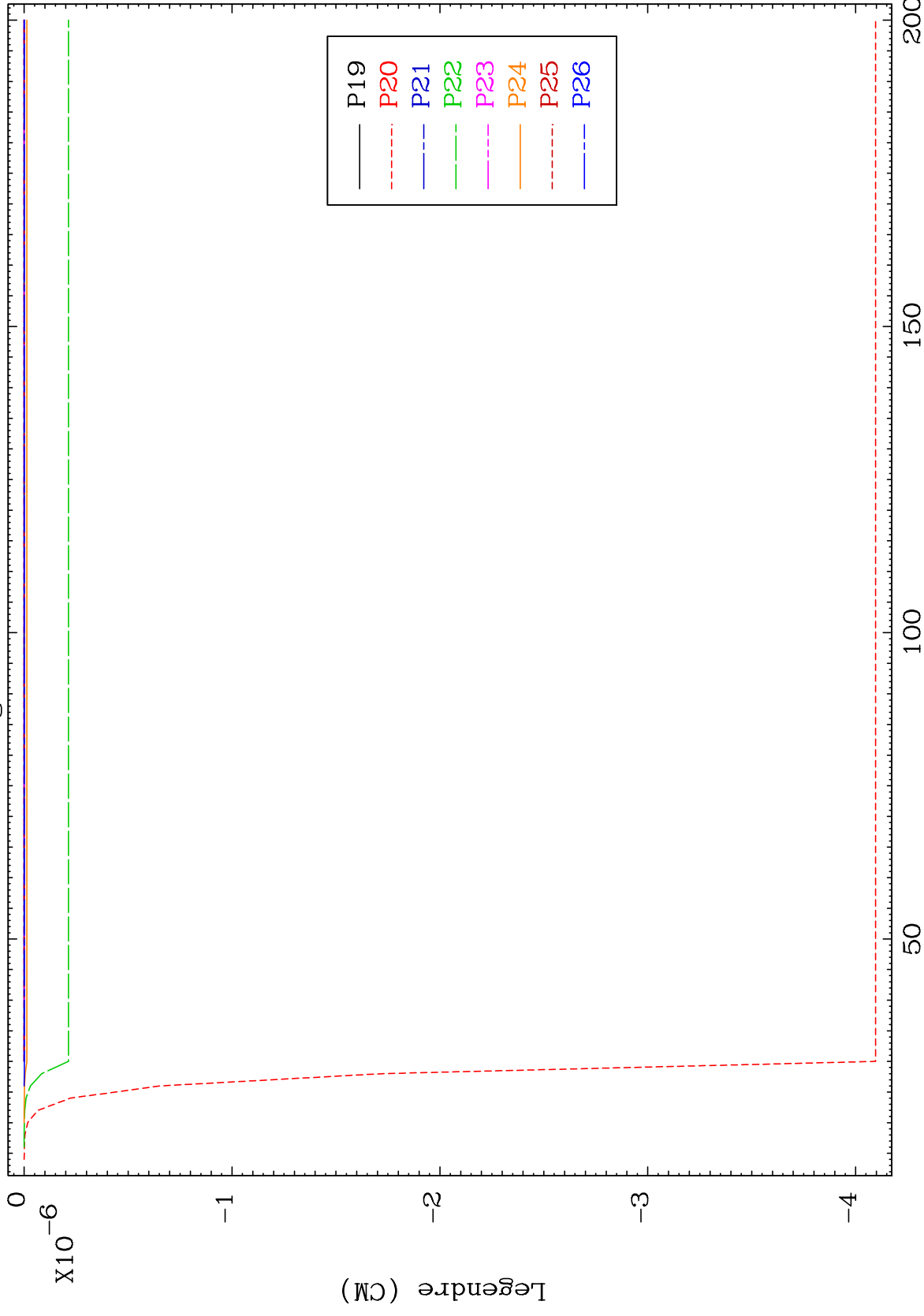
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



52-Te-136

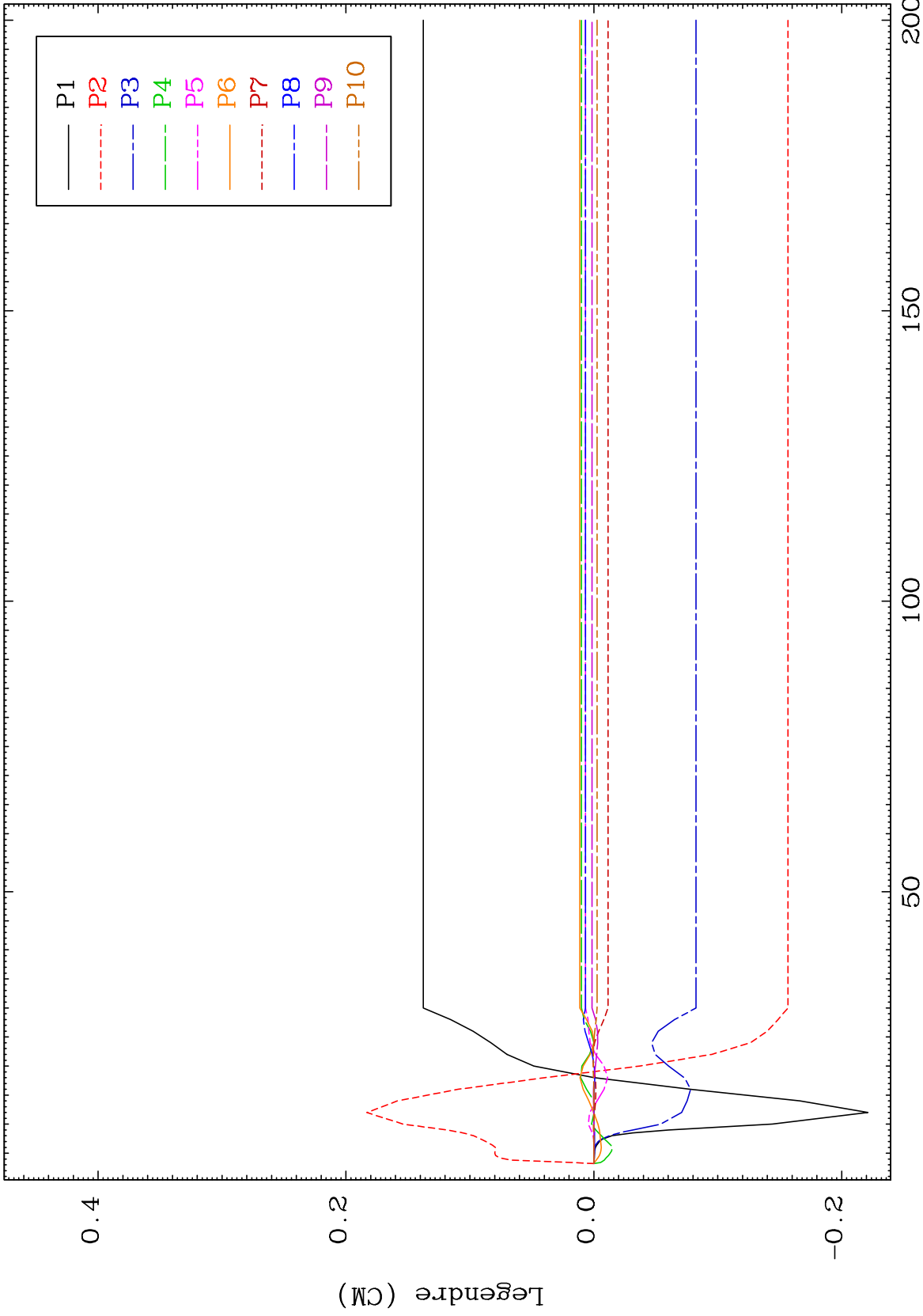
Incident Energy (MeV)

75

MAT 5273

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

52-Te-136



76

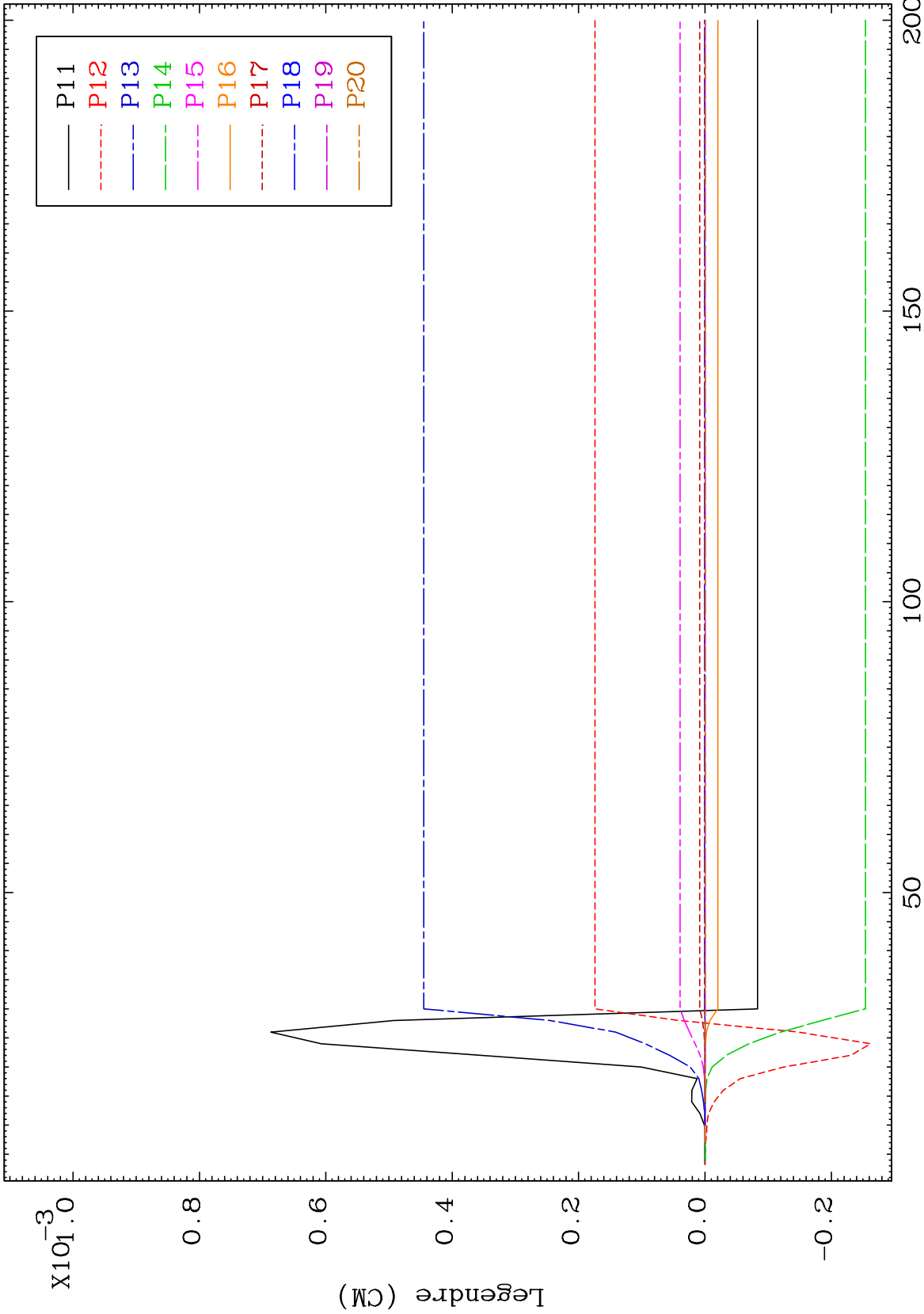
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



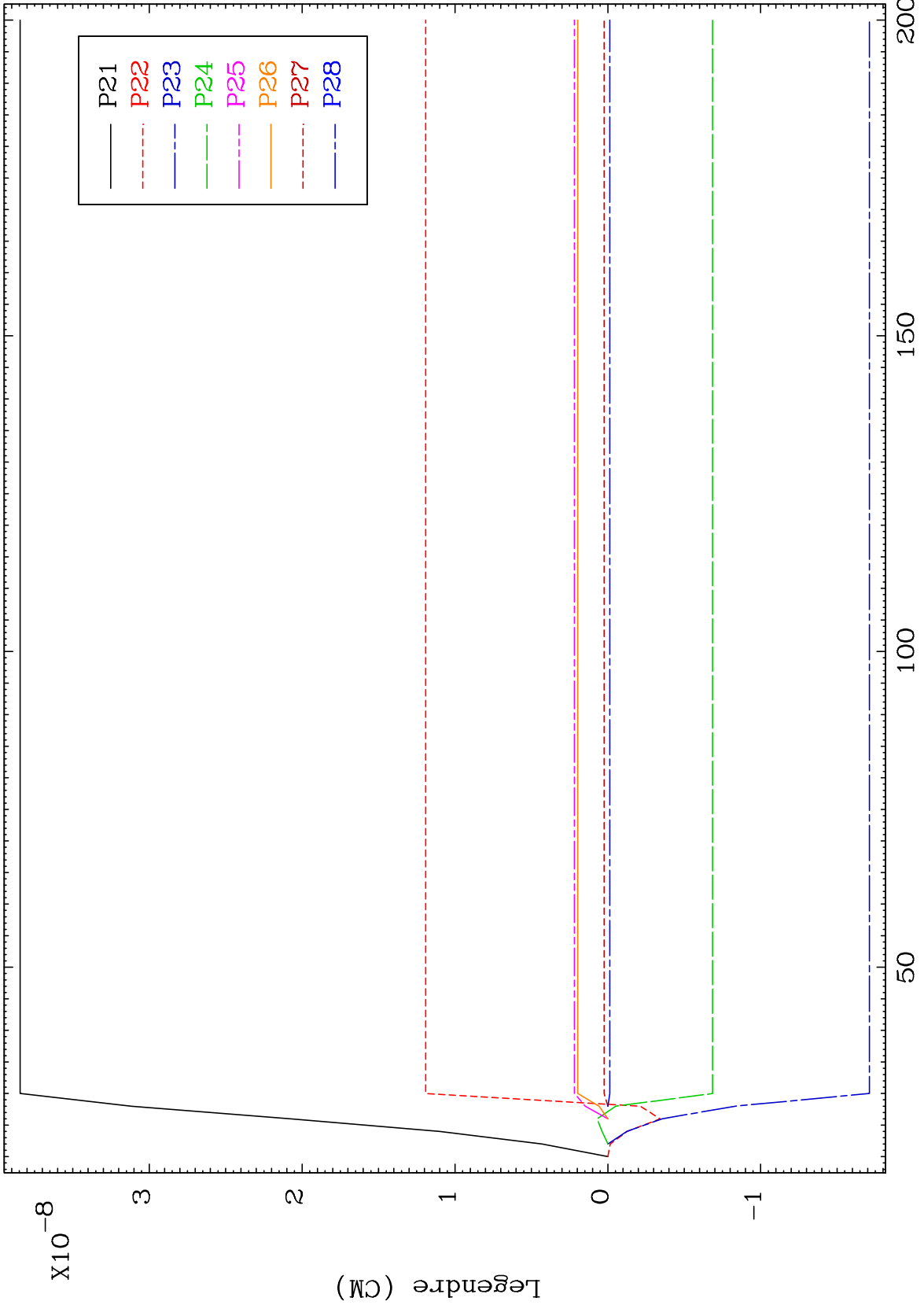
77

52-Te-136

MAT 5273

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

52-Te-136



78

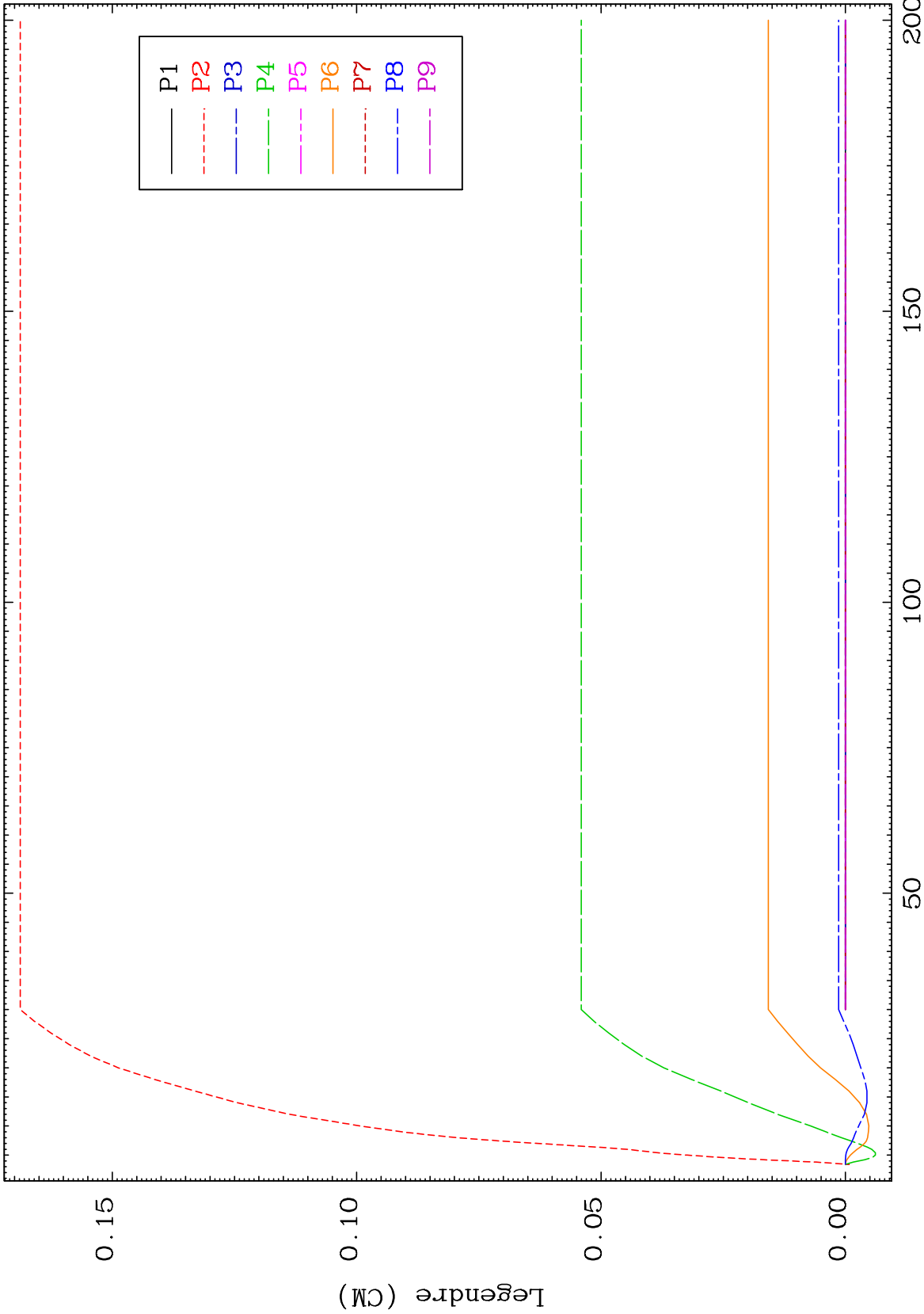
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



79

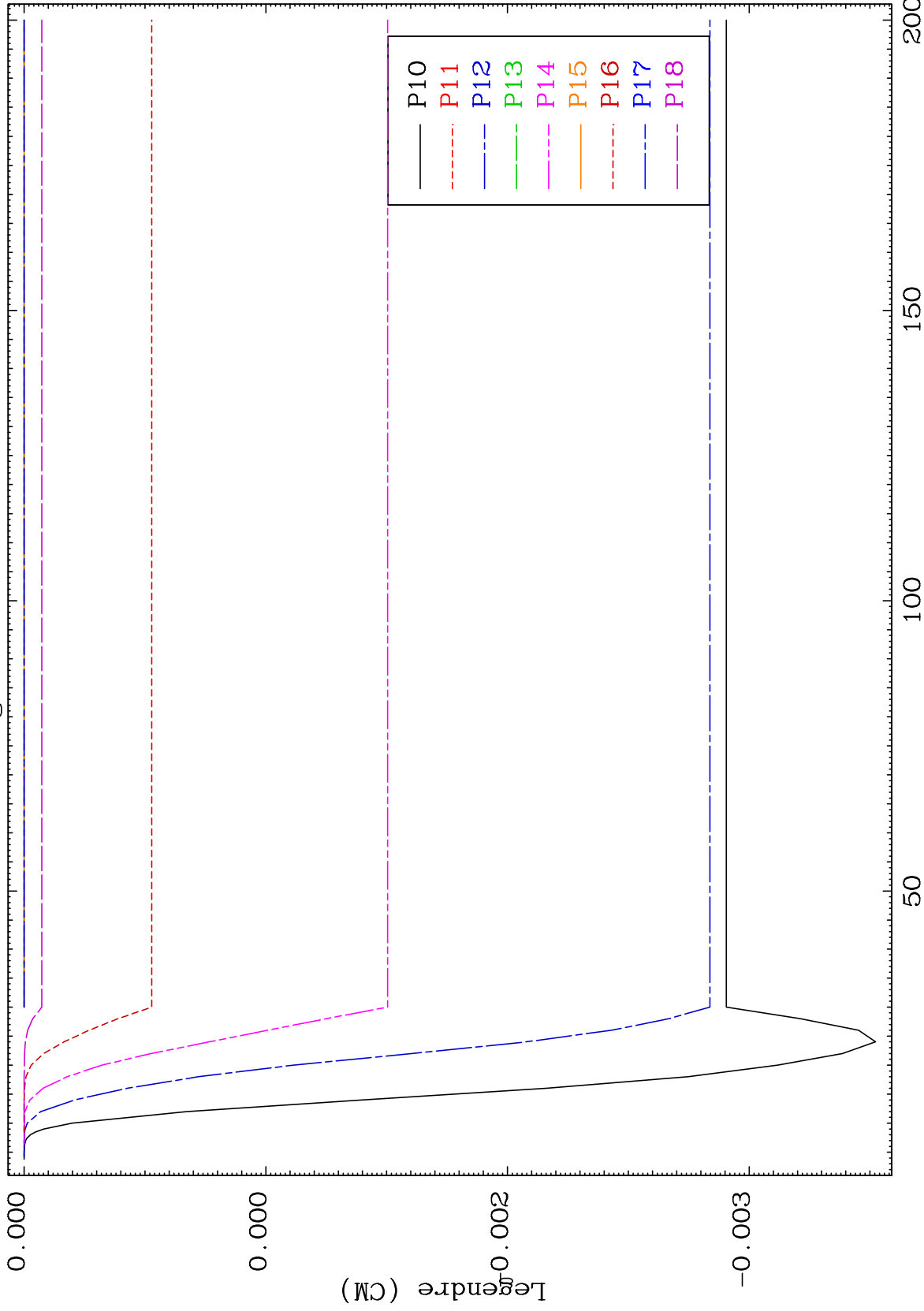
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



80

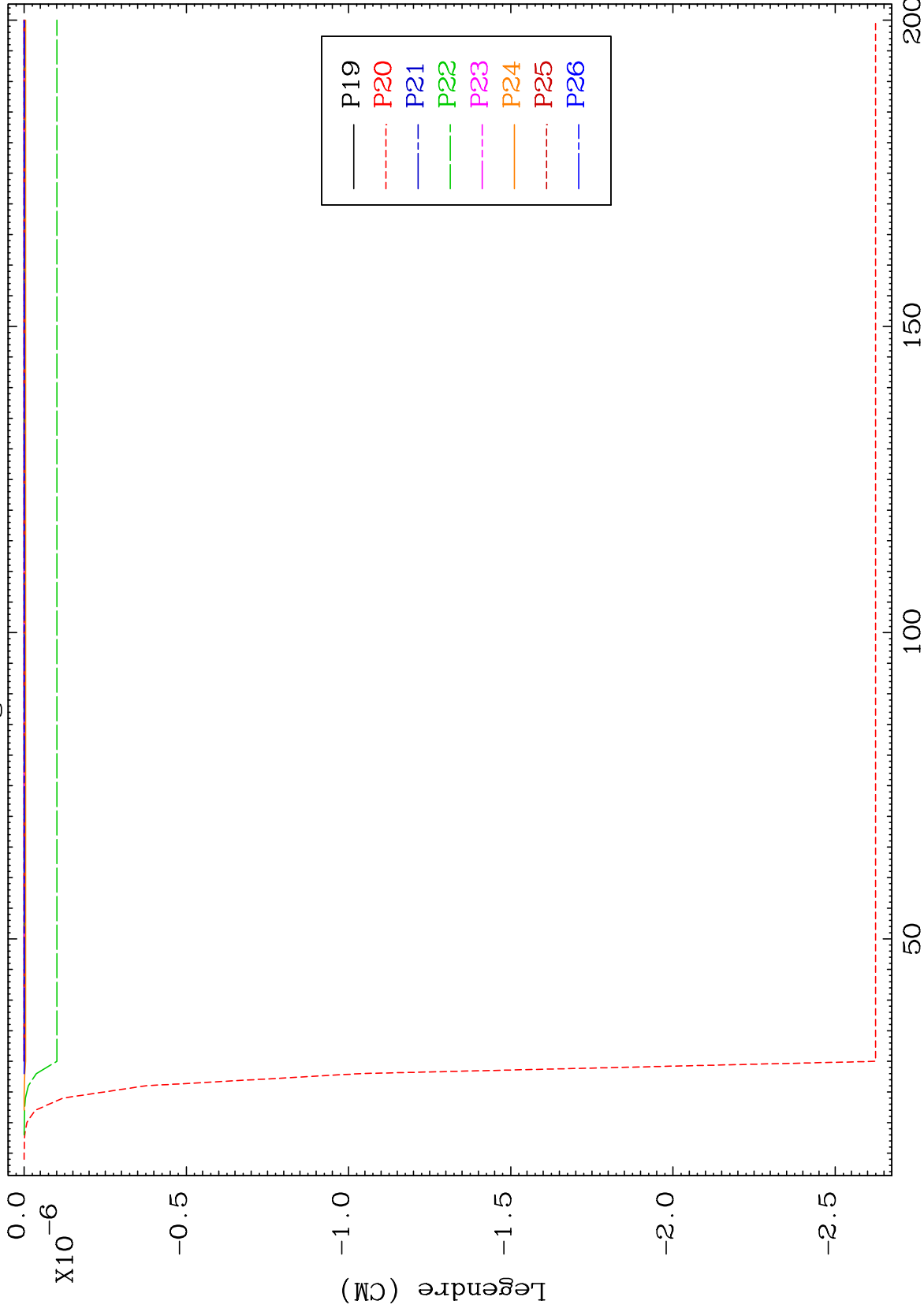
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



81

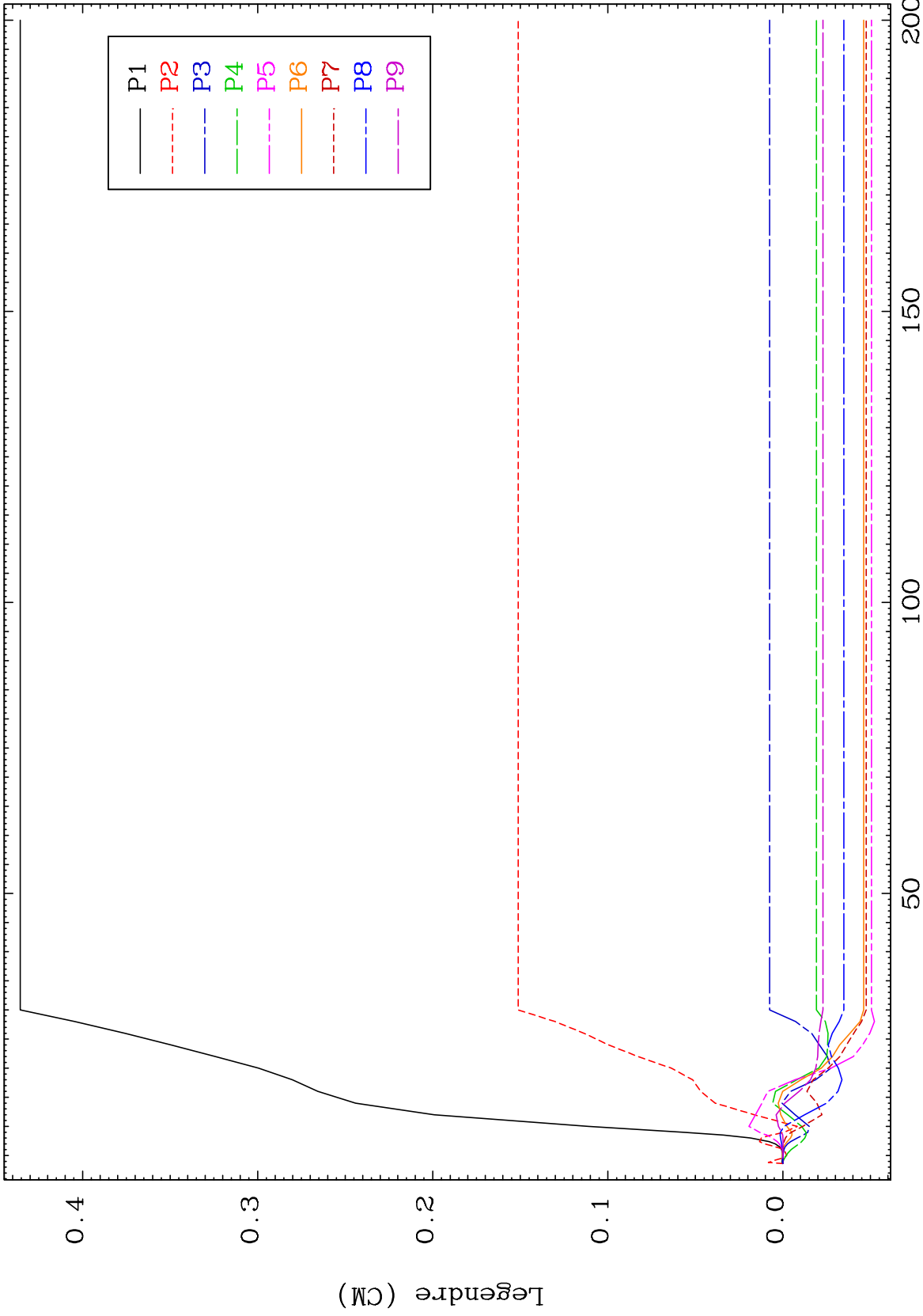
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



82

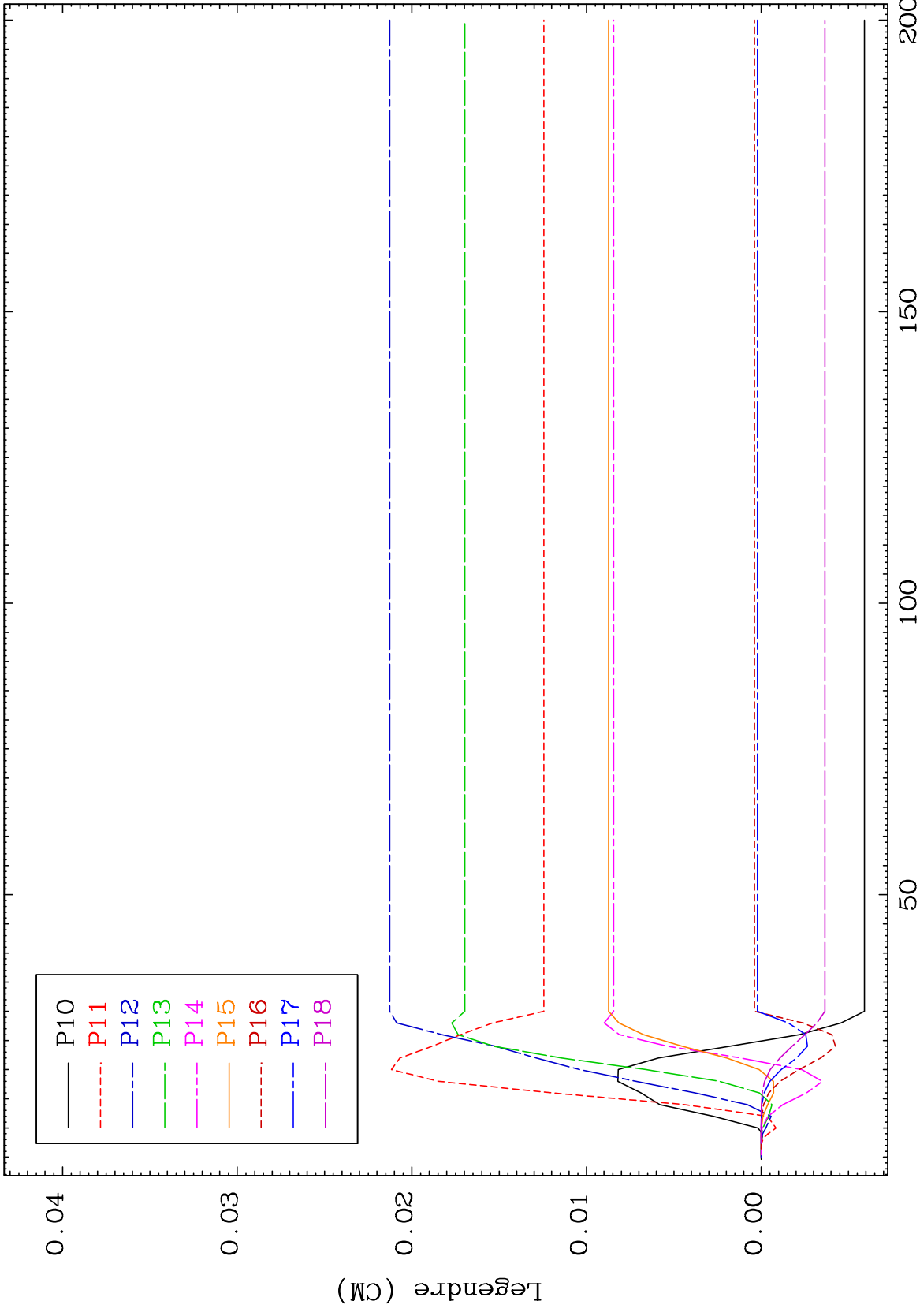
Incident Energy (MeV)

52-Te-136

MAT 5273

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

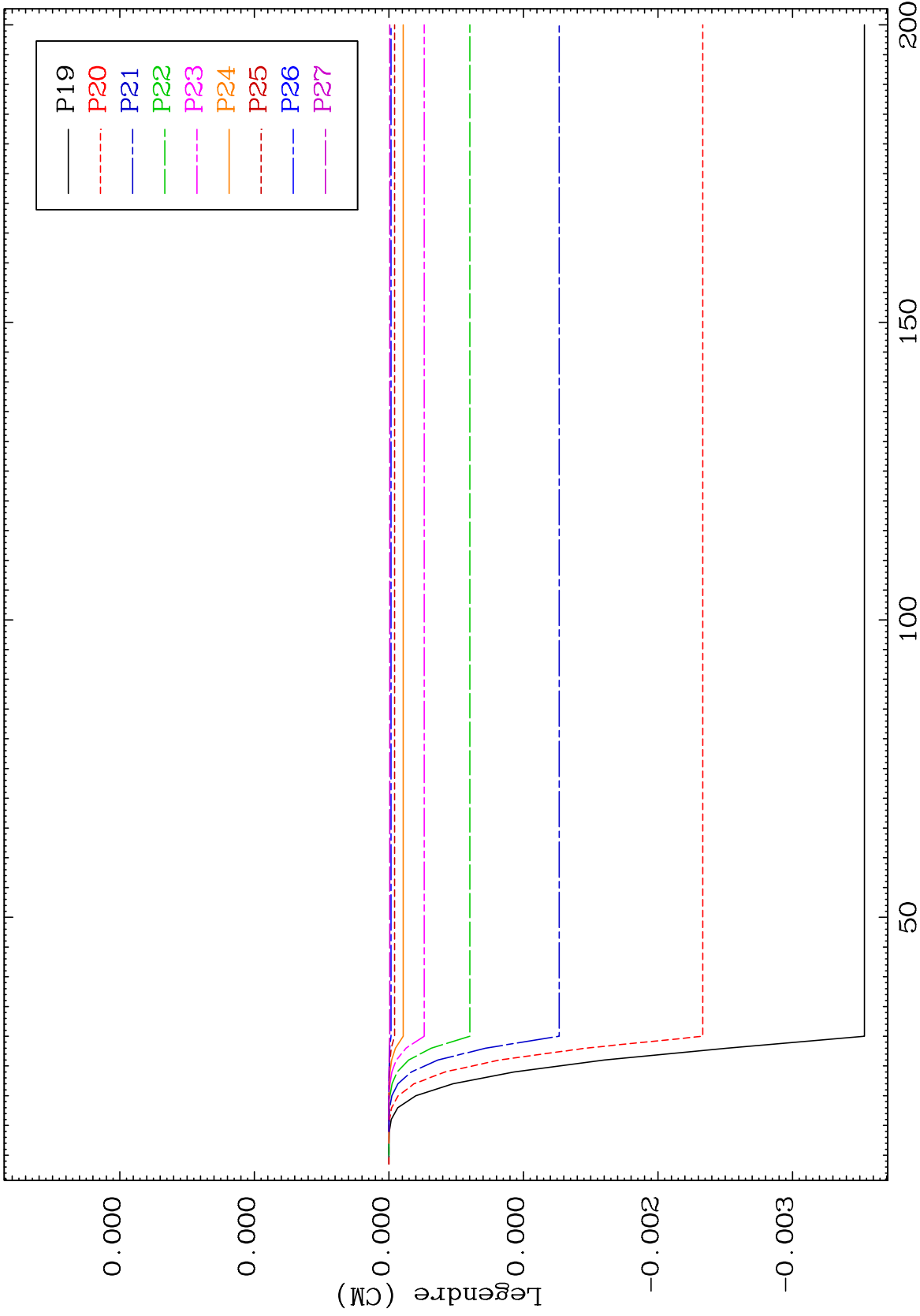
52-Te-136



MAT 5273

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

52-Te-136



84

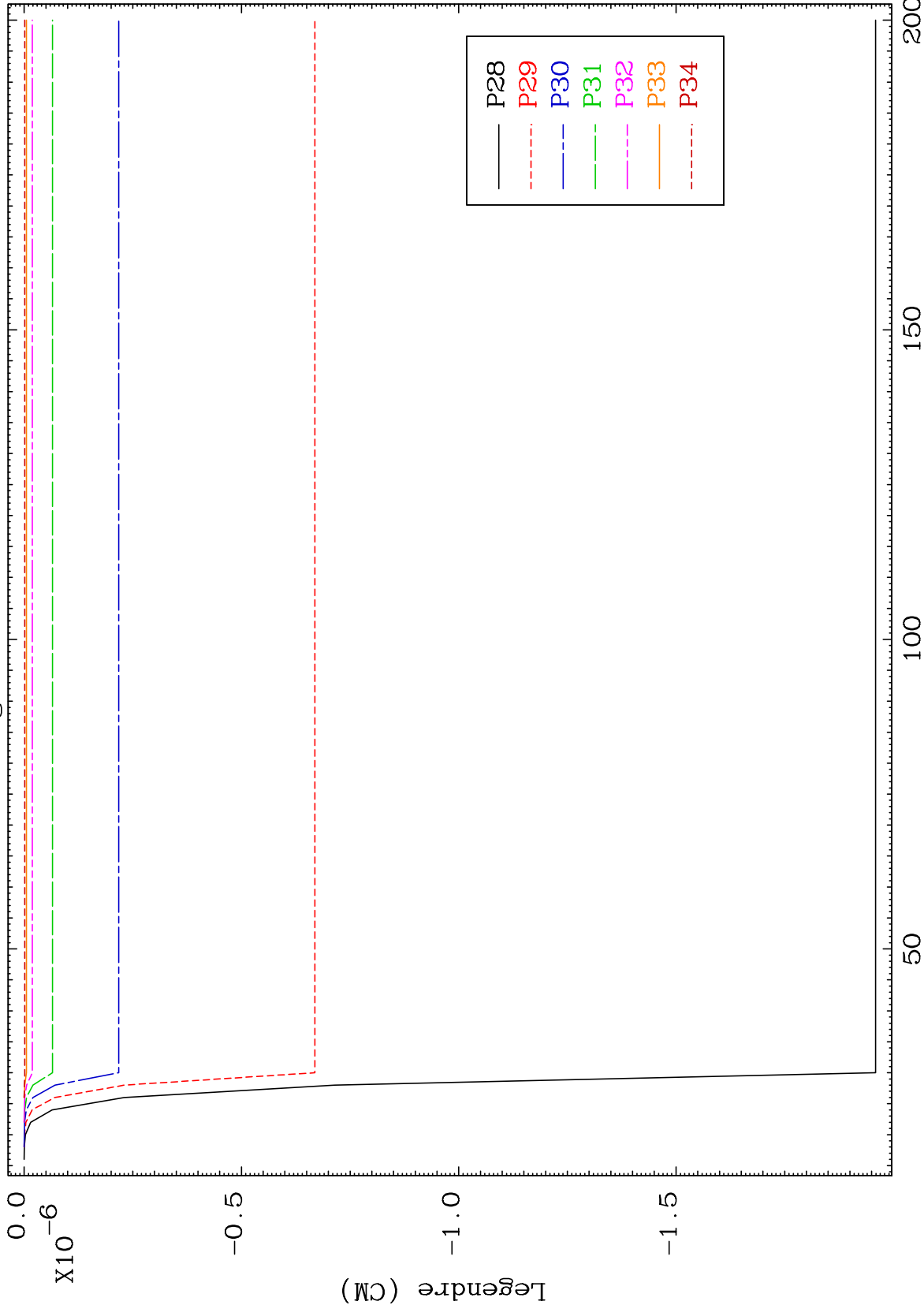
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



52-Te-136

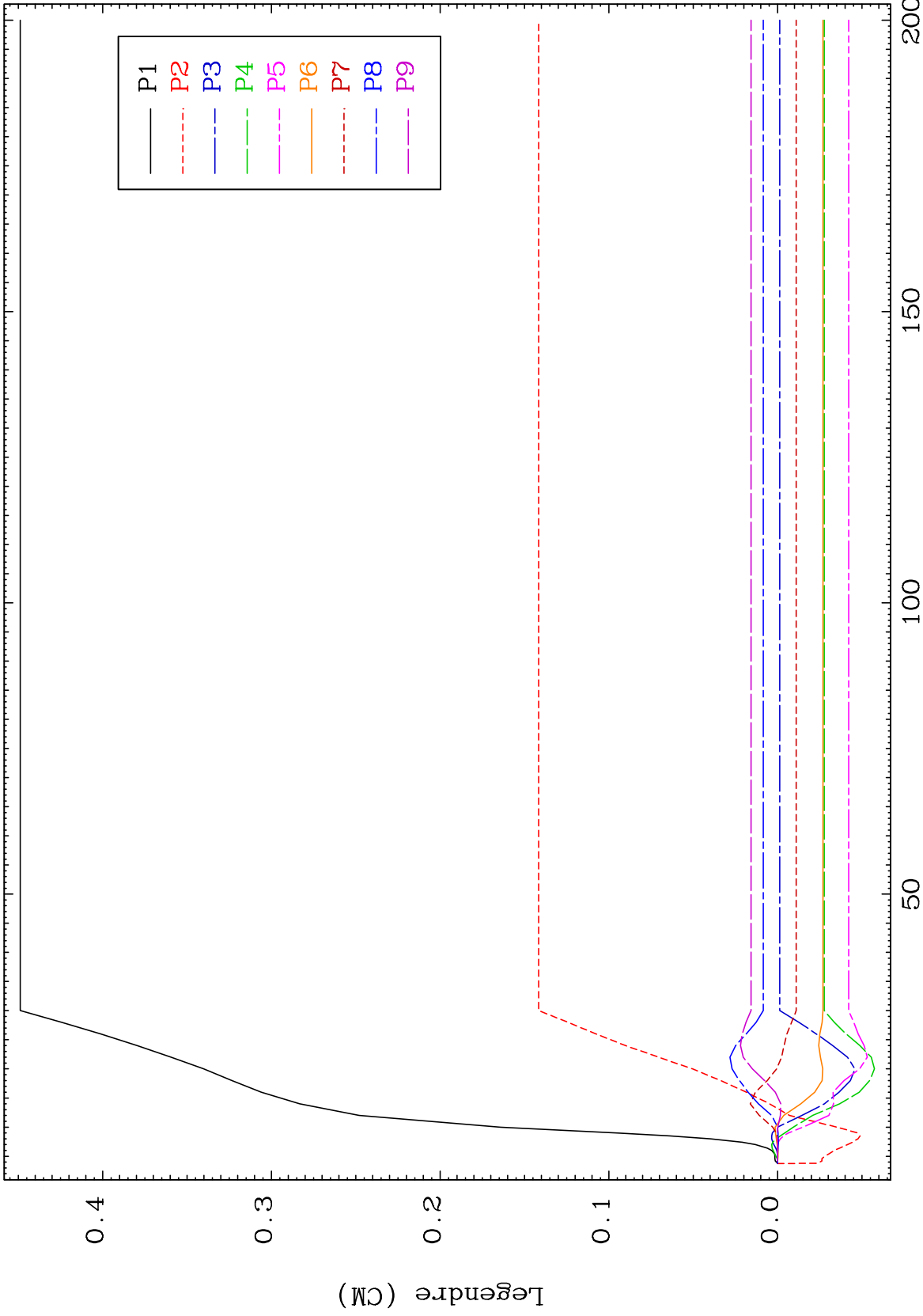
Incident Energy (MeV)

85

MAT 5273

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

52-Te-136



86

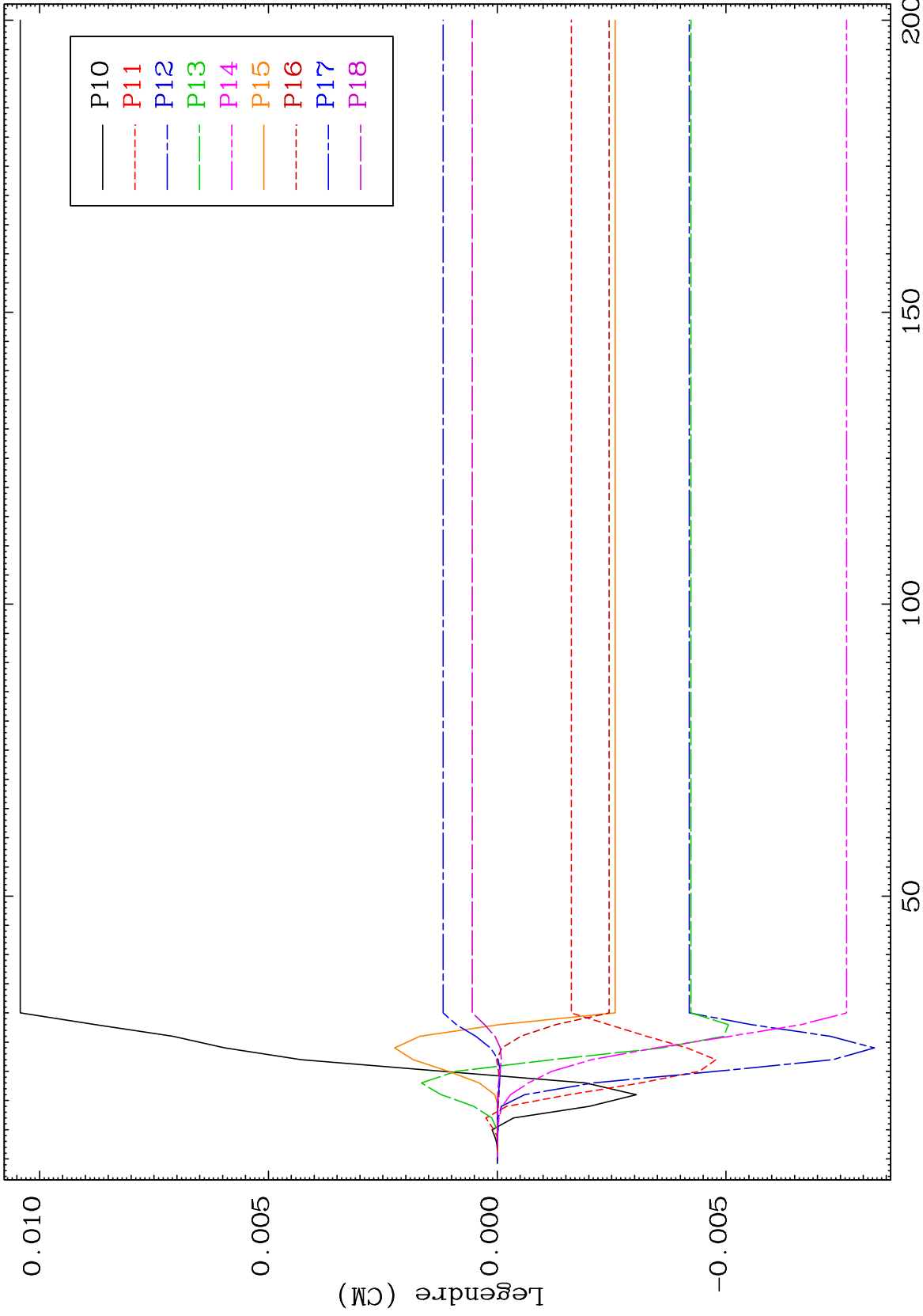
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



87

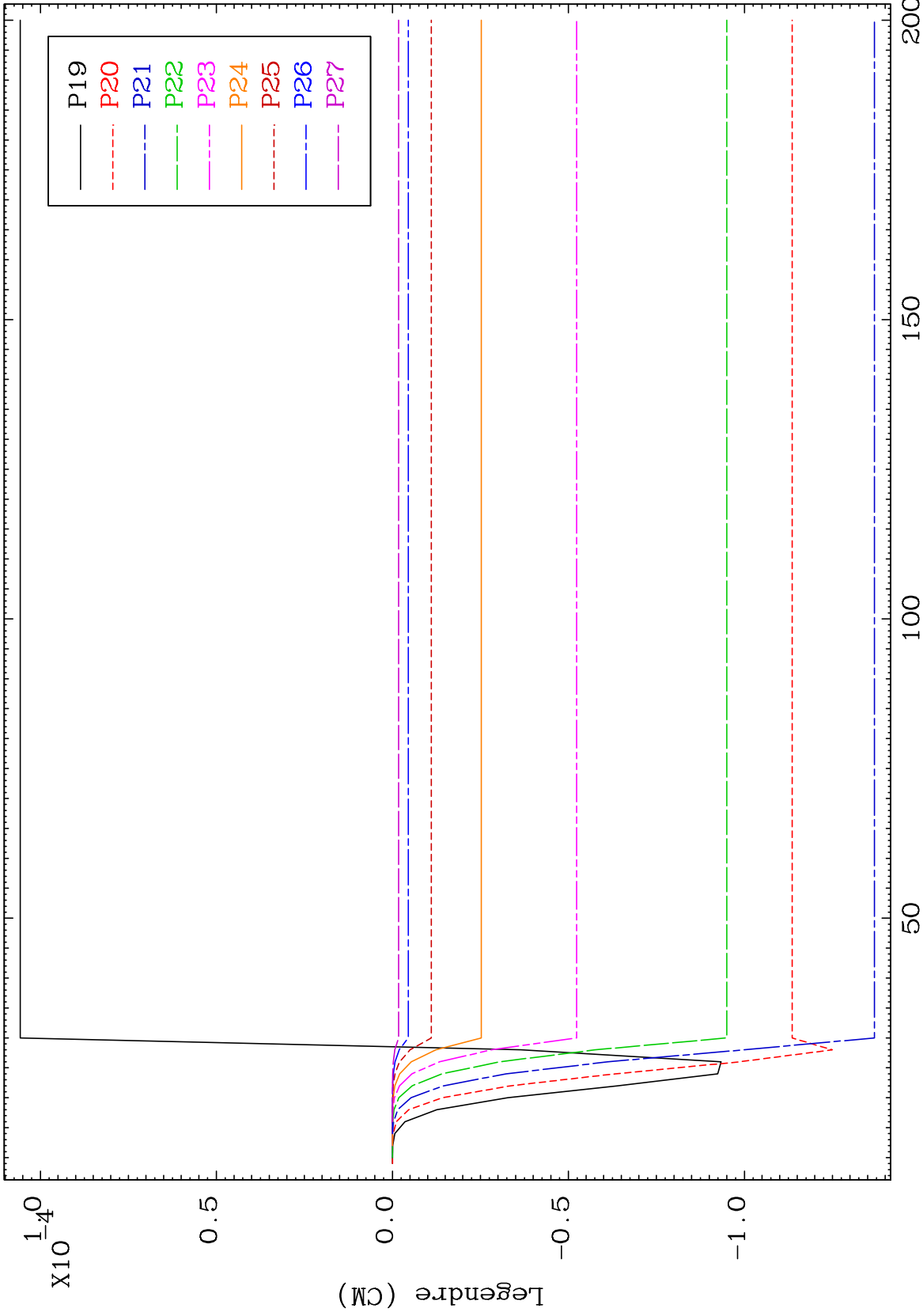
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



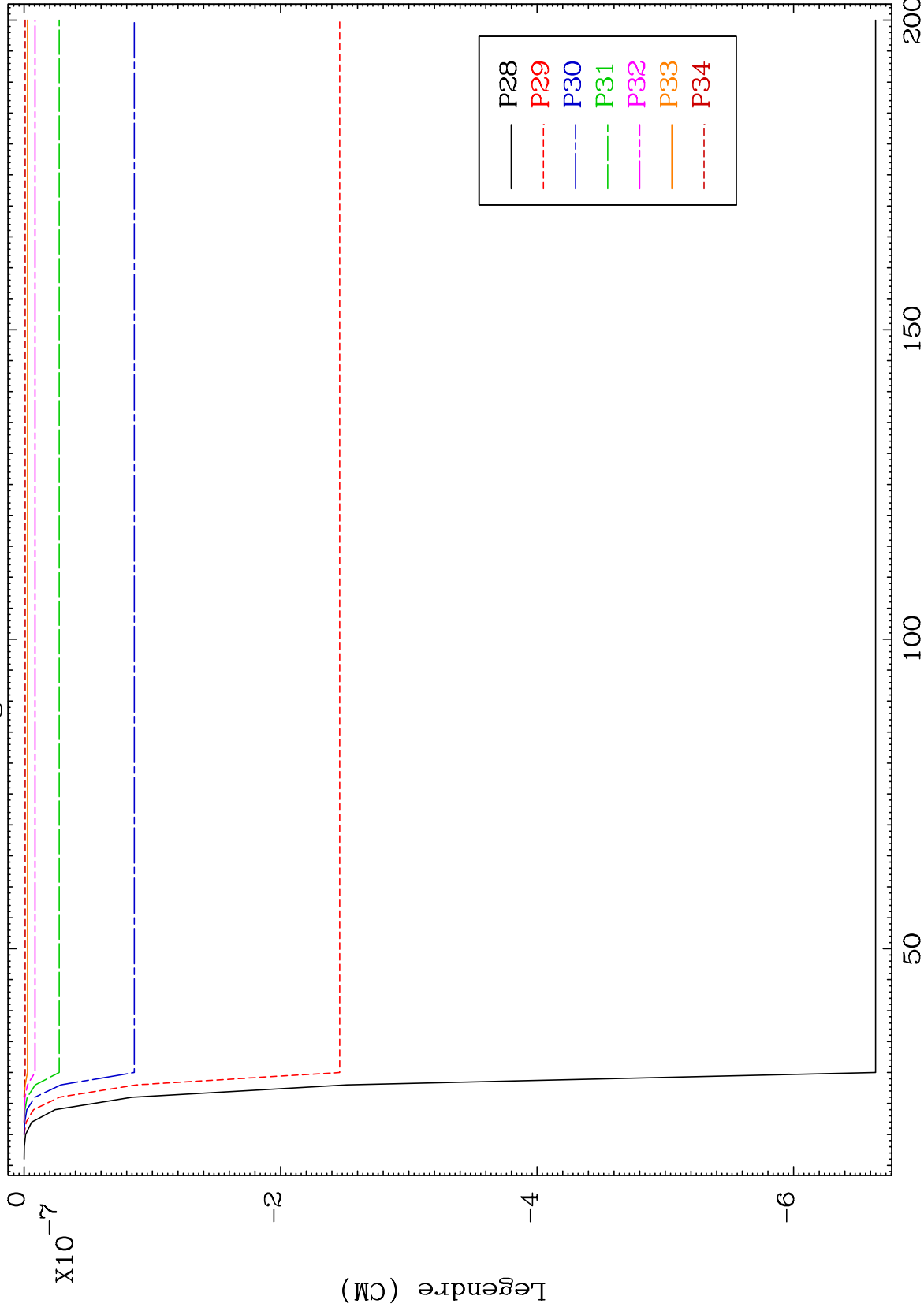
88

52-Te-136

MAT 5273

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

52-Te-136



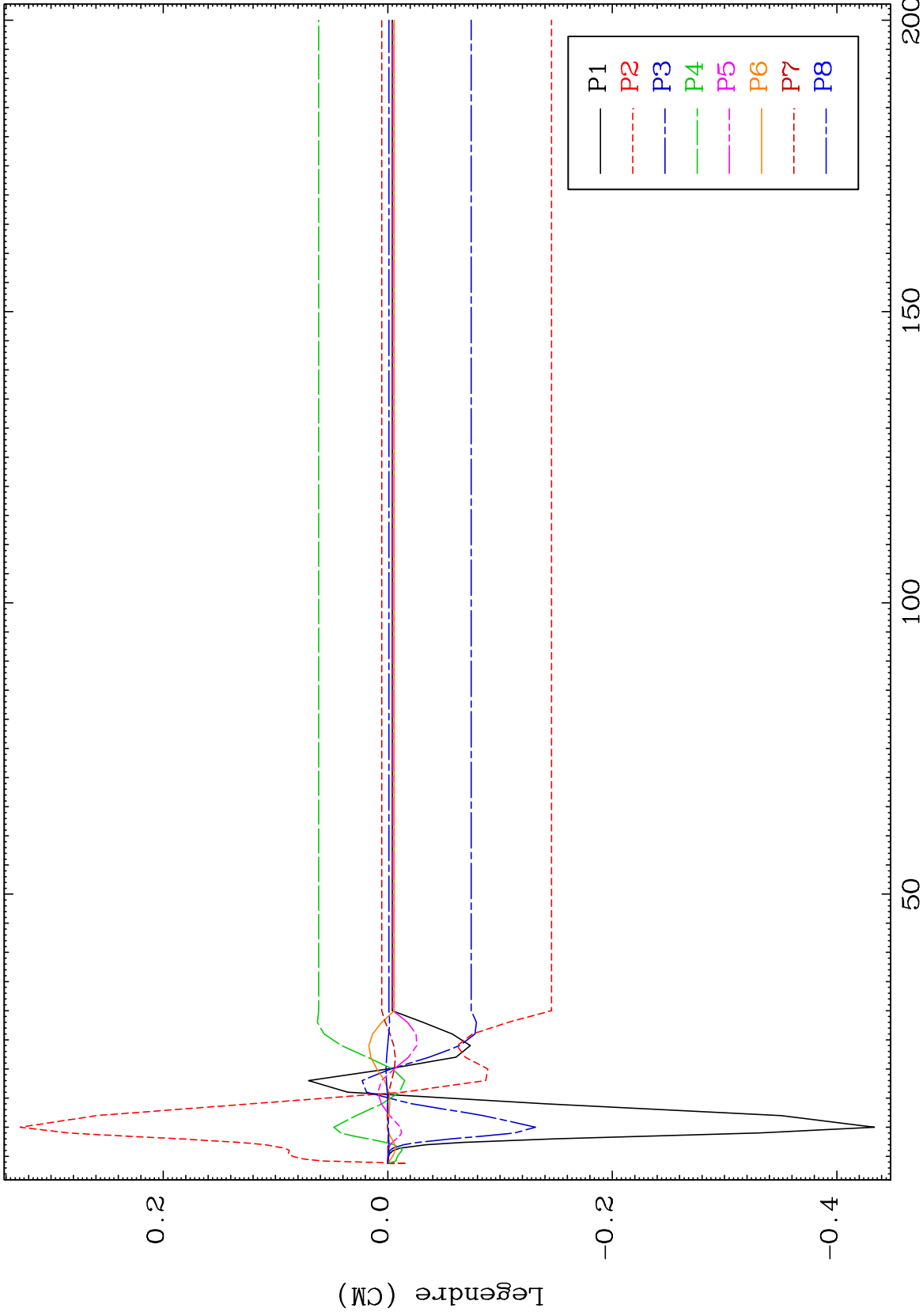
89

52-Te-136

MAT 5273

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

52-Te-136



90

50

100

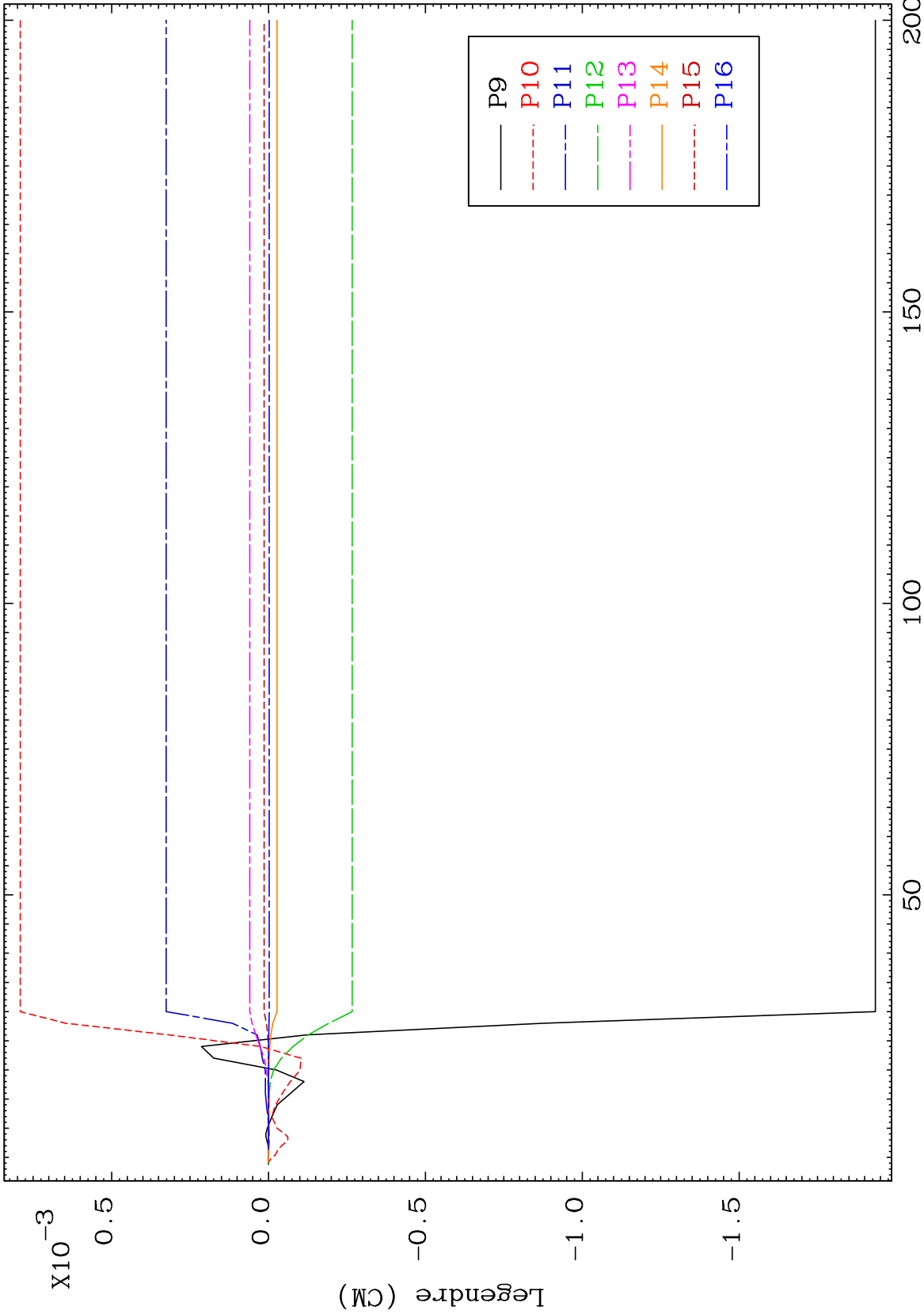
150

200

MAT 5273

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

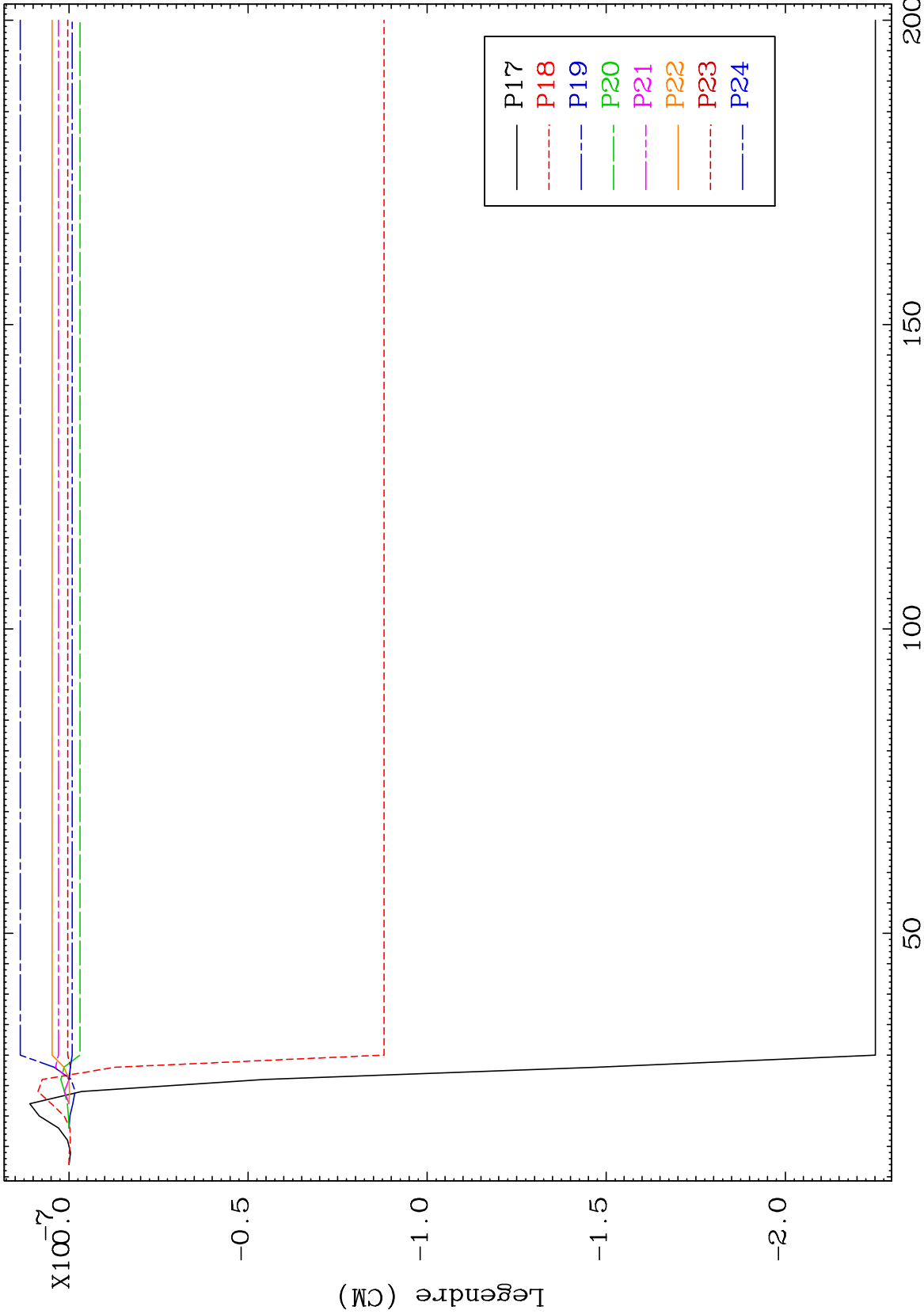
52-Te-136



MAT 5273

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

52-Te-136



92

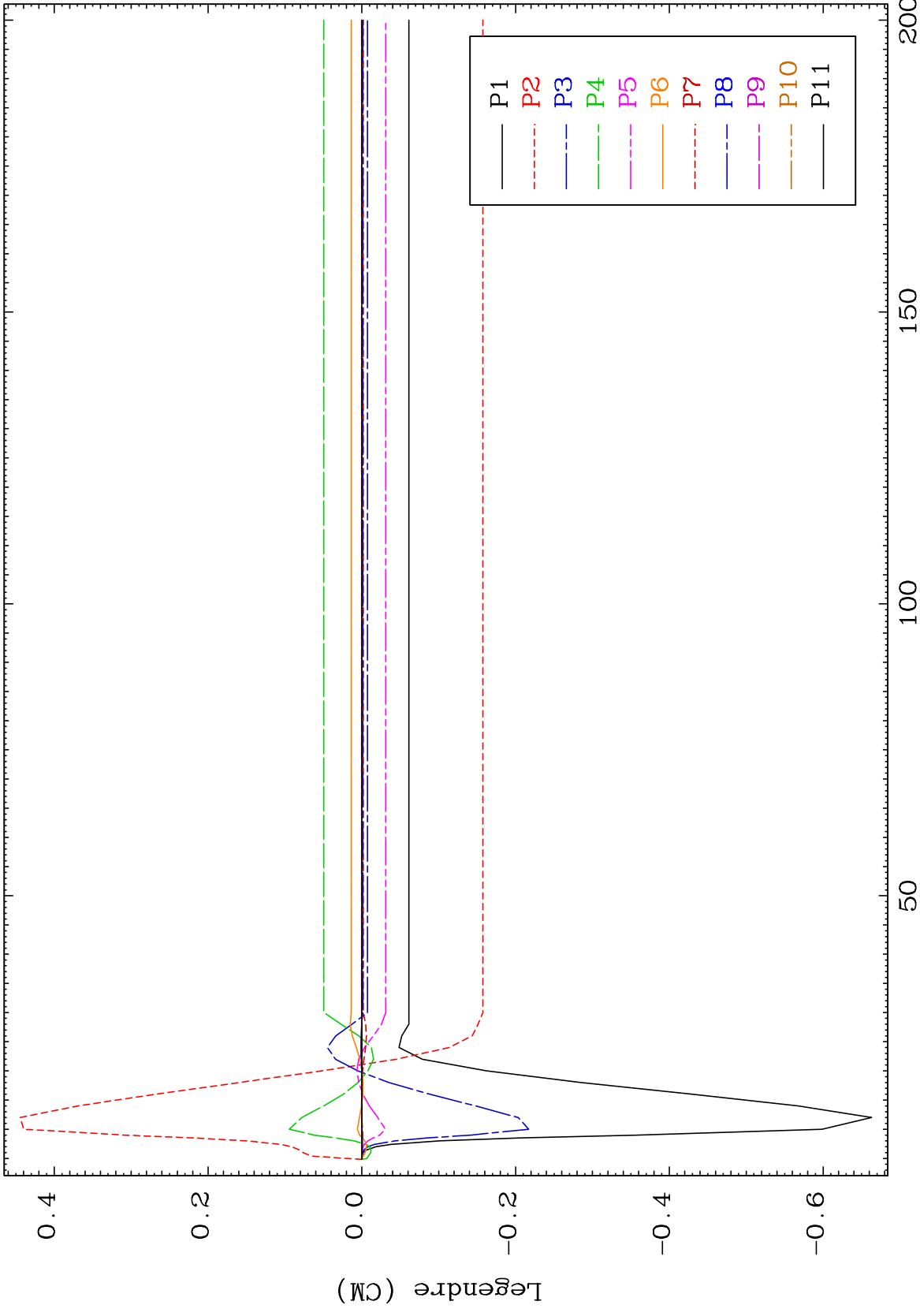
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



93

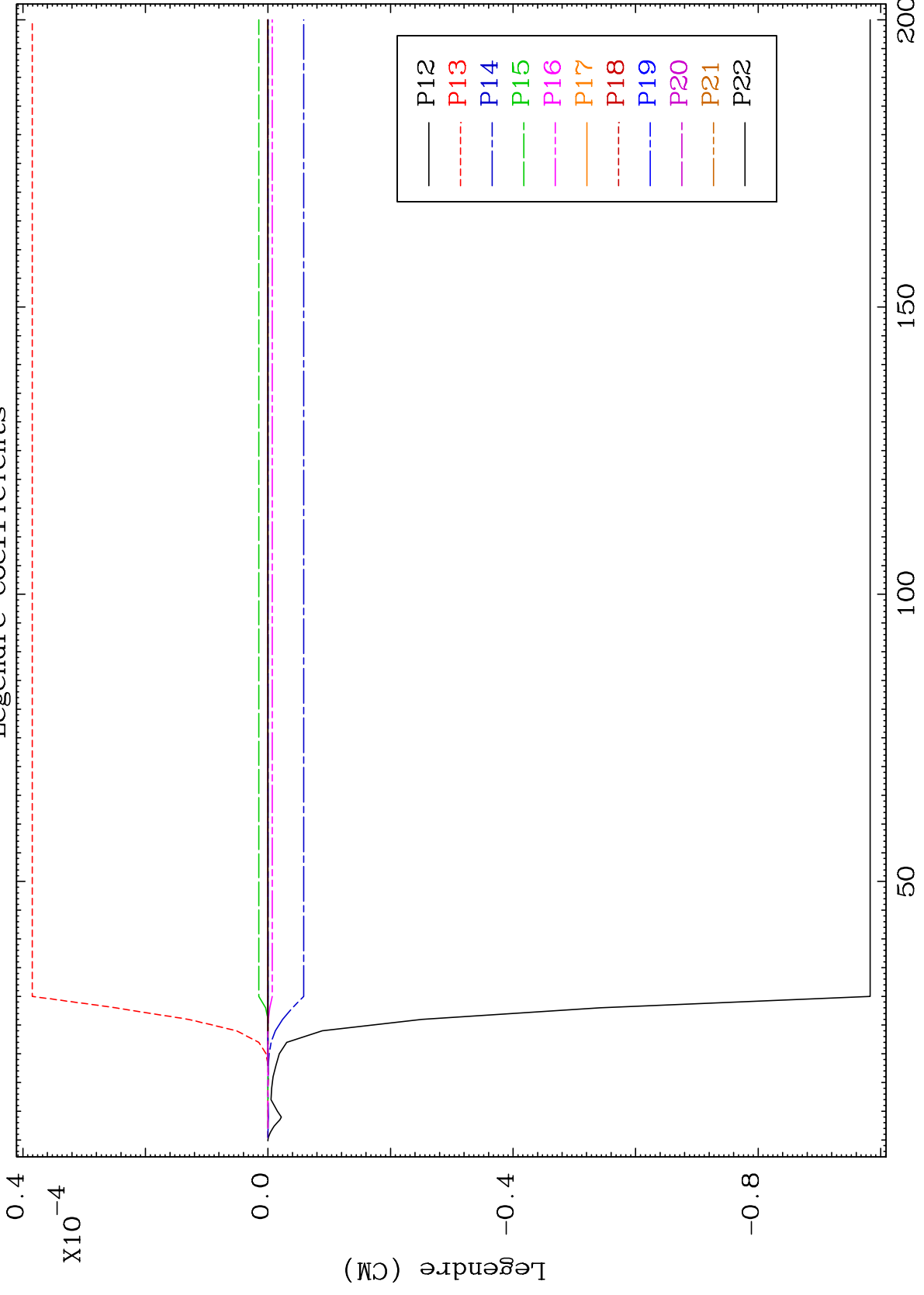
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



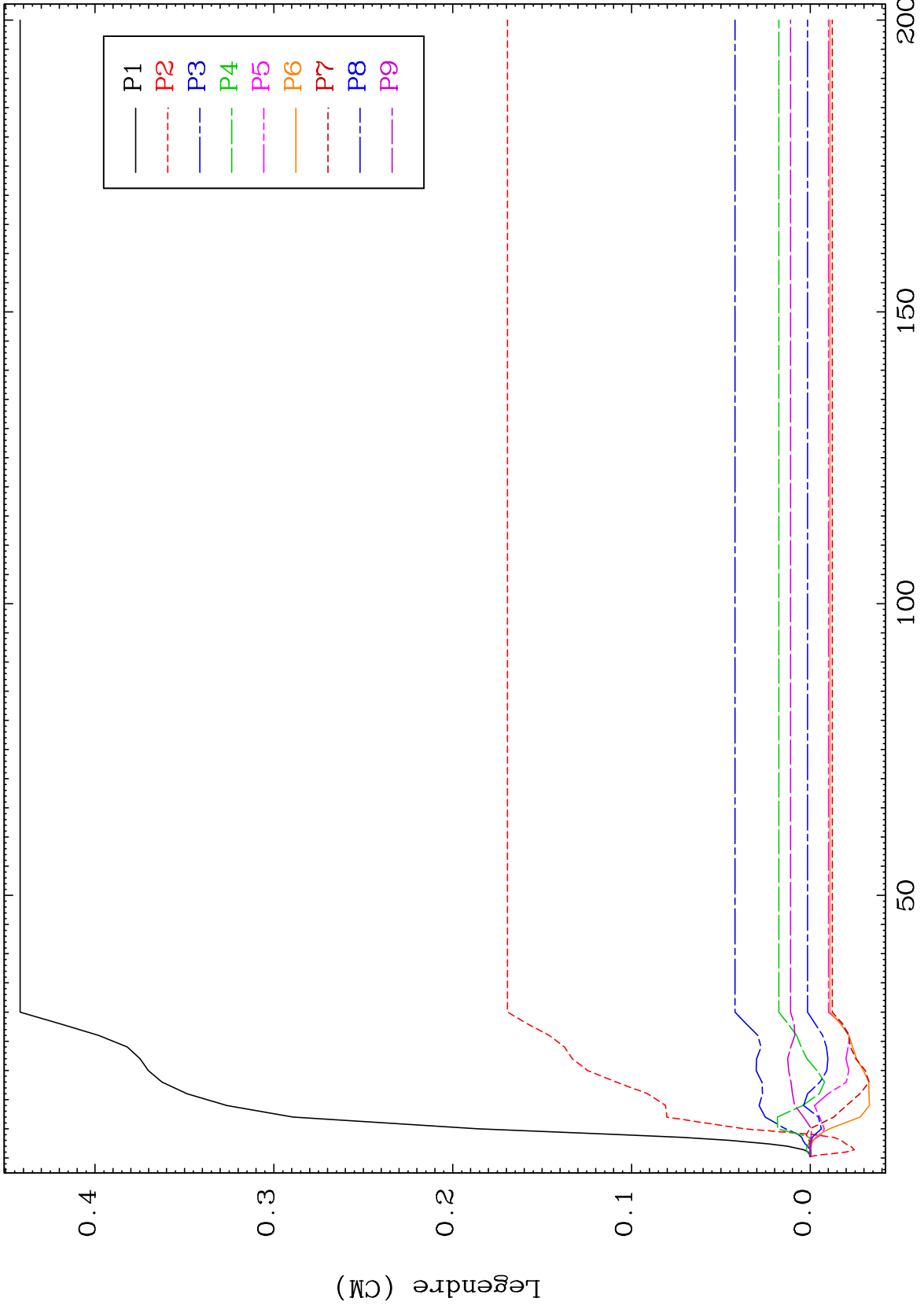
94

52-Te-136

MAT 5273

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

52-Te-136



95

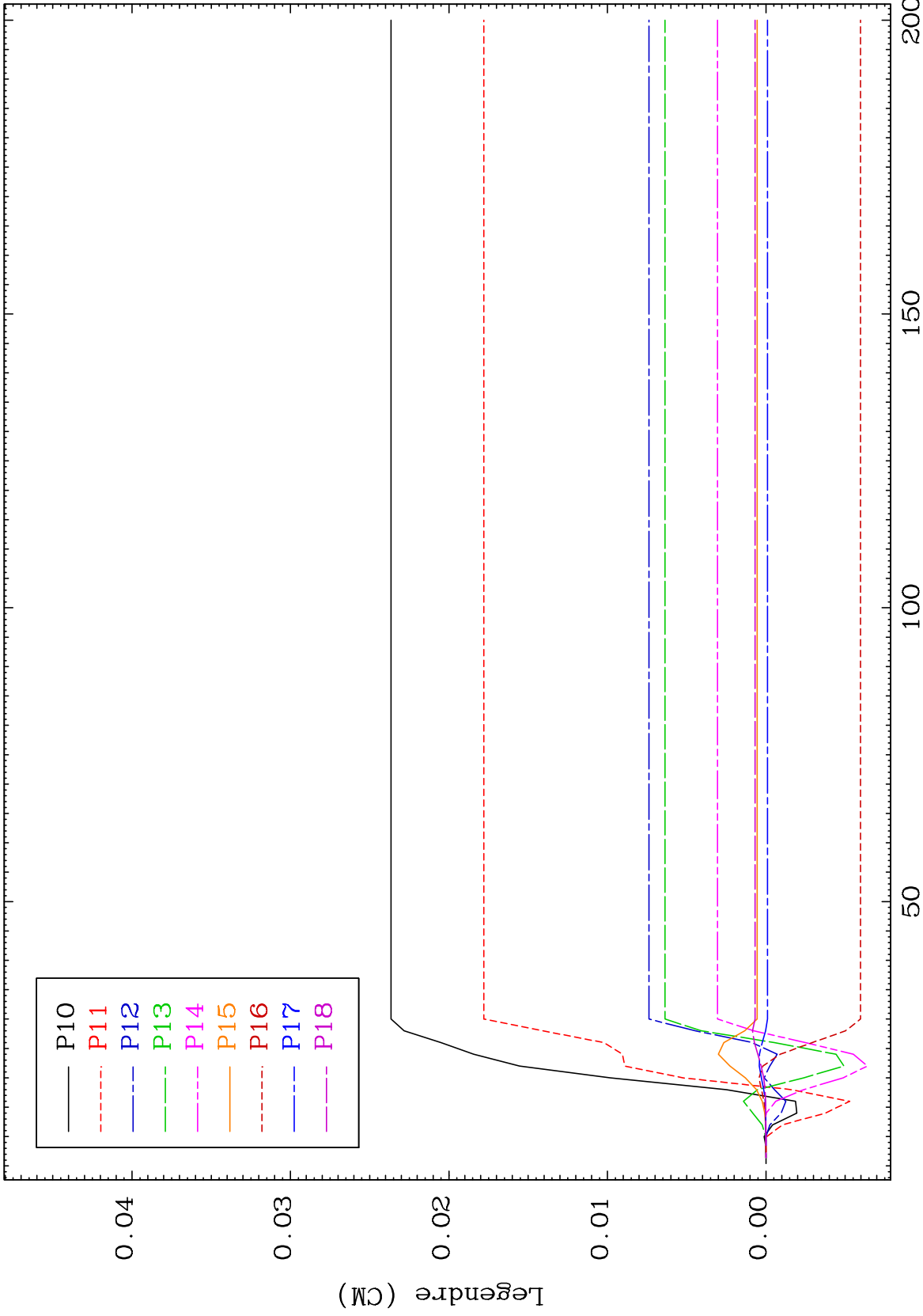
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



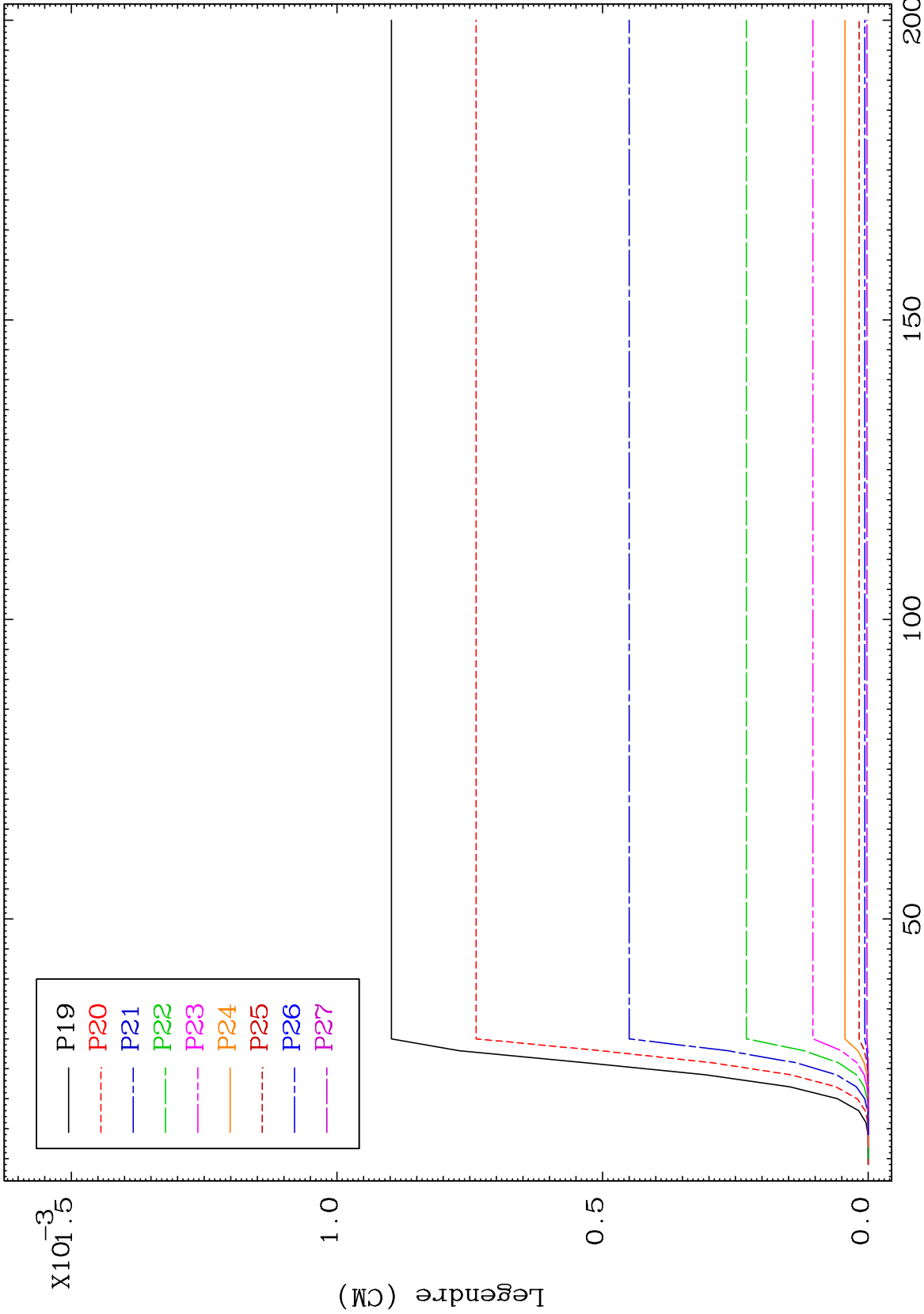
96

52-Te-136

MAT 5273

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

52-Te-136



97

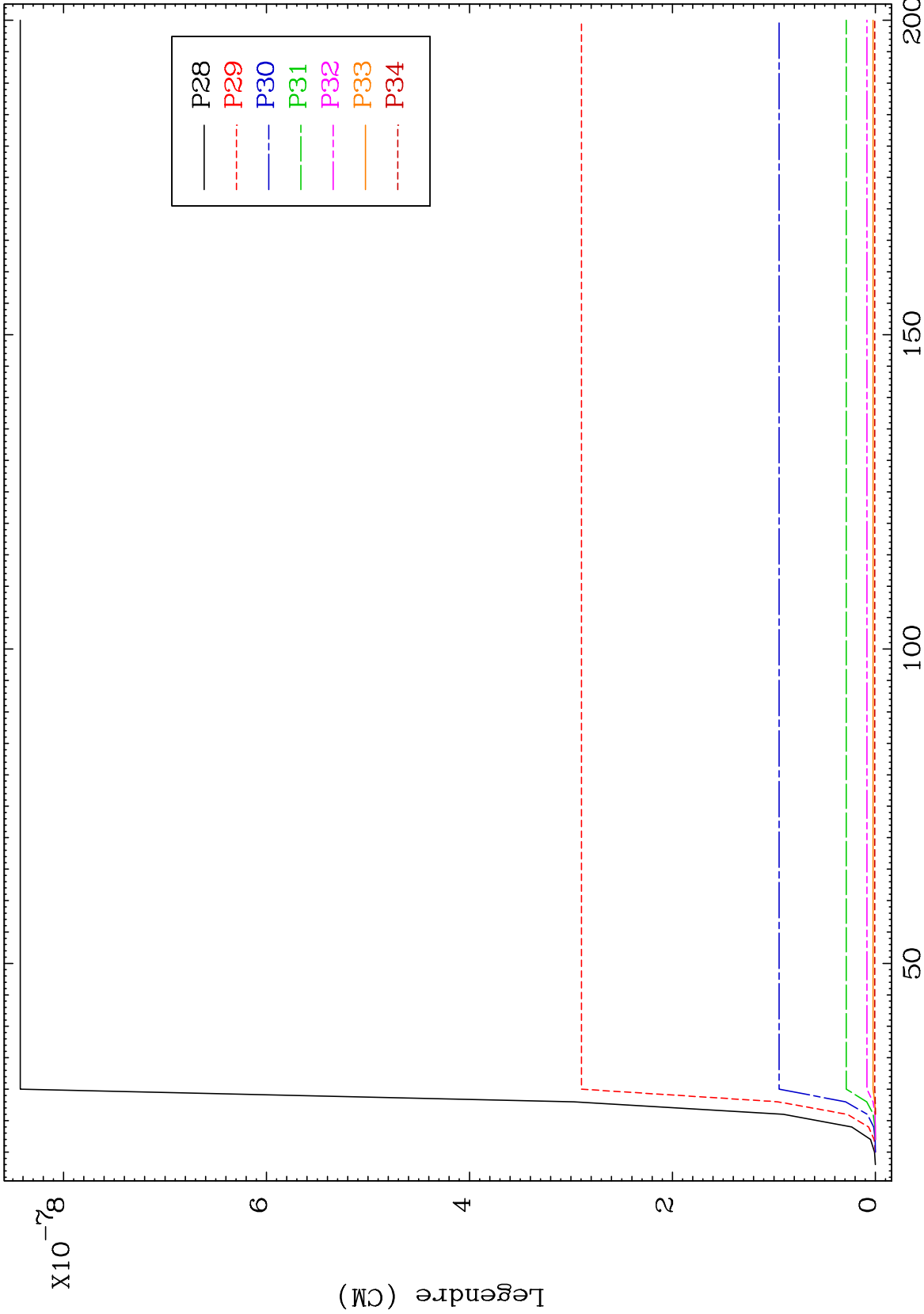
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



98

Incident Energy (MeV)

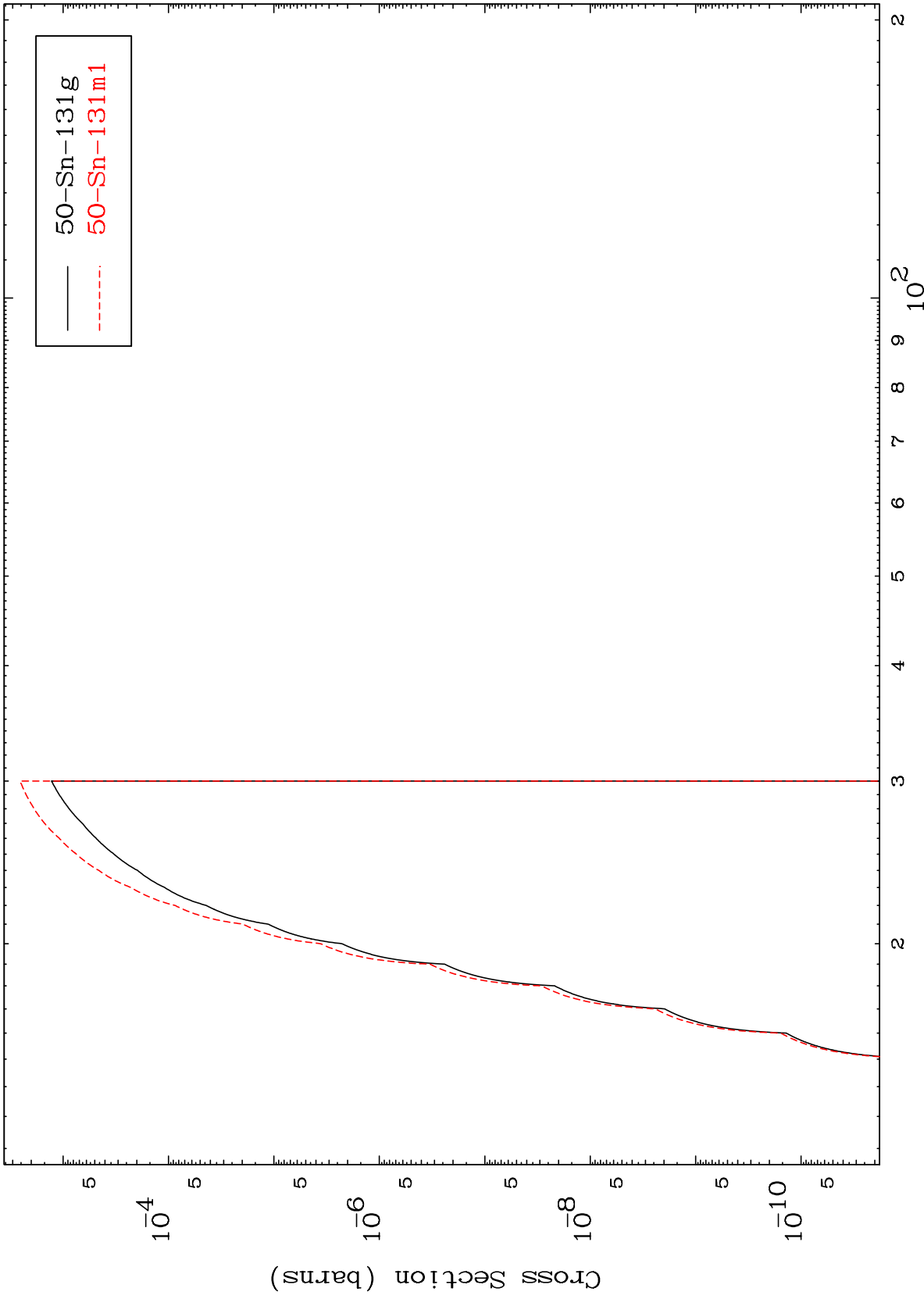
52-Te-136

MAT 5273

(n,2n)  $\alpha$

52-Te-136

Radionuclide Production Cross Section



99

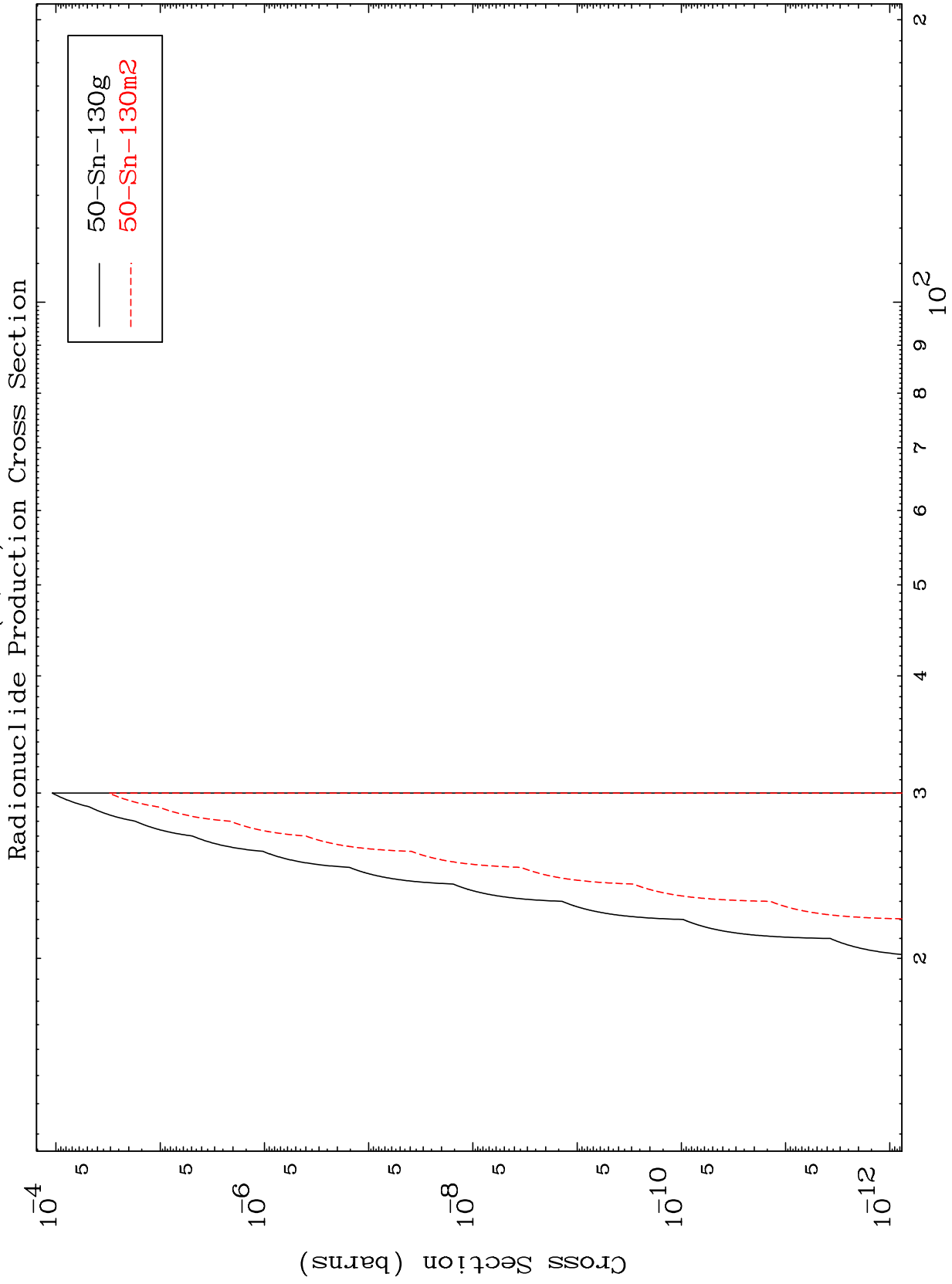
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,3n)  $\alpha$

52-Te-136



100

Incident Energy (MeV)

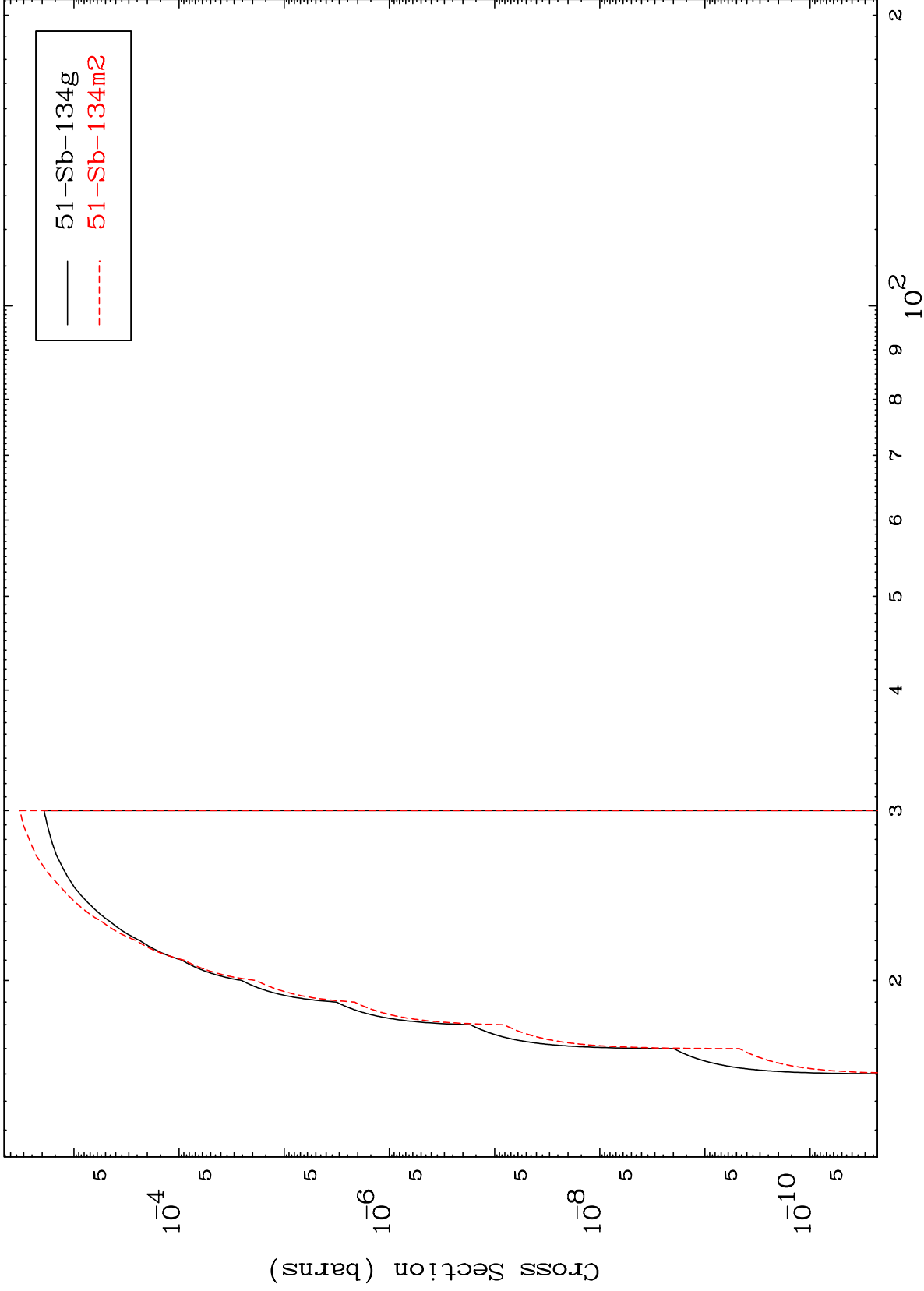
52-Te-136

MAT 5273

(n,n') d

52-Te-136

Radionuclide Production Cross Section



101

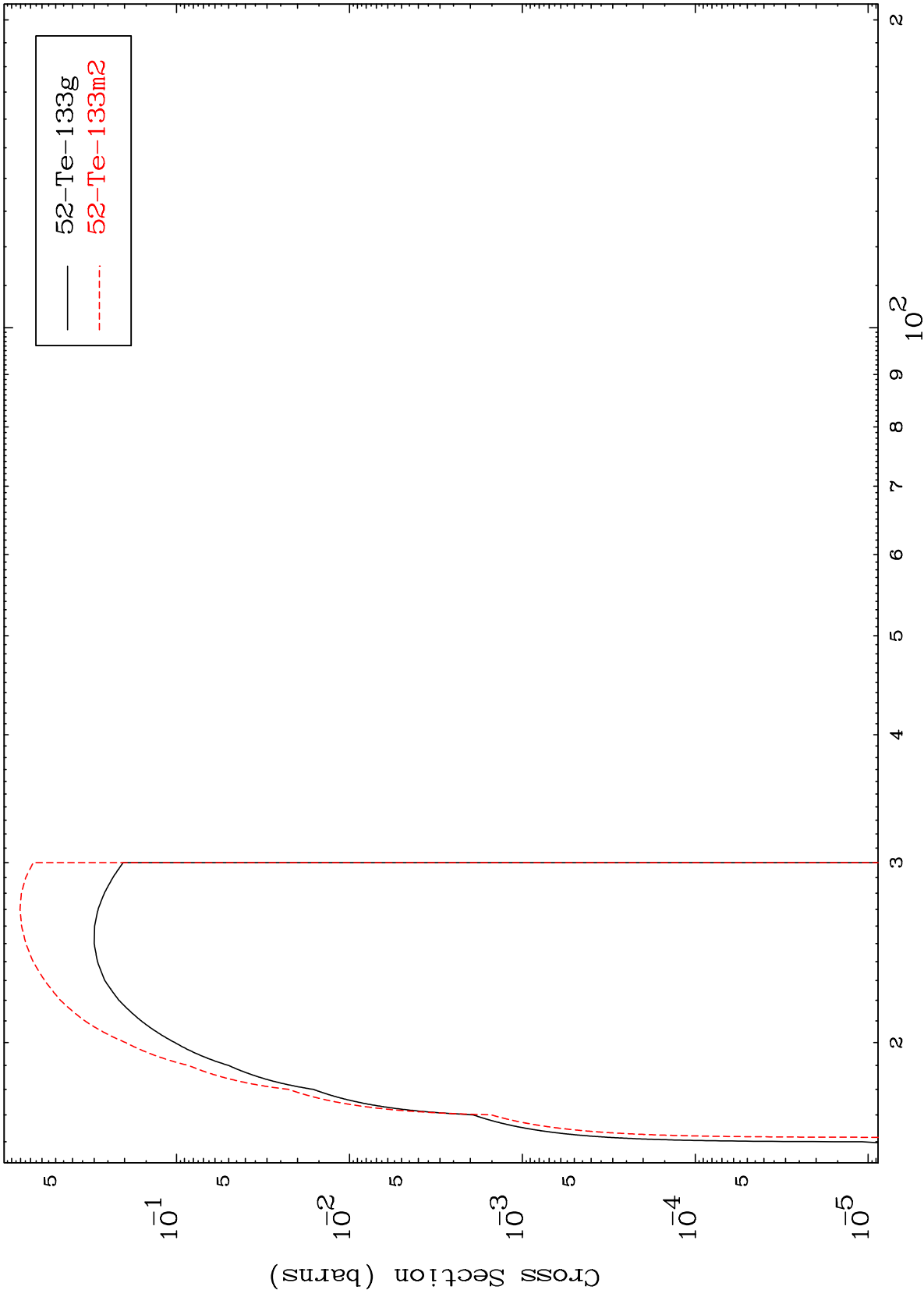
Incident Energy (MeV)

52-Te-136

MAT 5273

52-Te-136

(n,4n)  
Radionuclide Production Cross Section



102

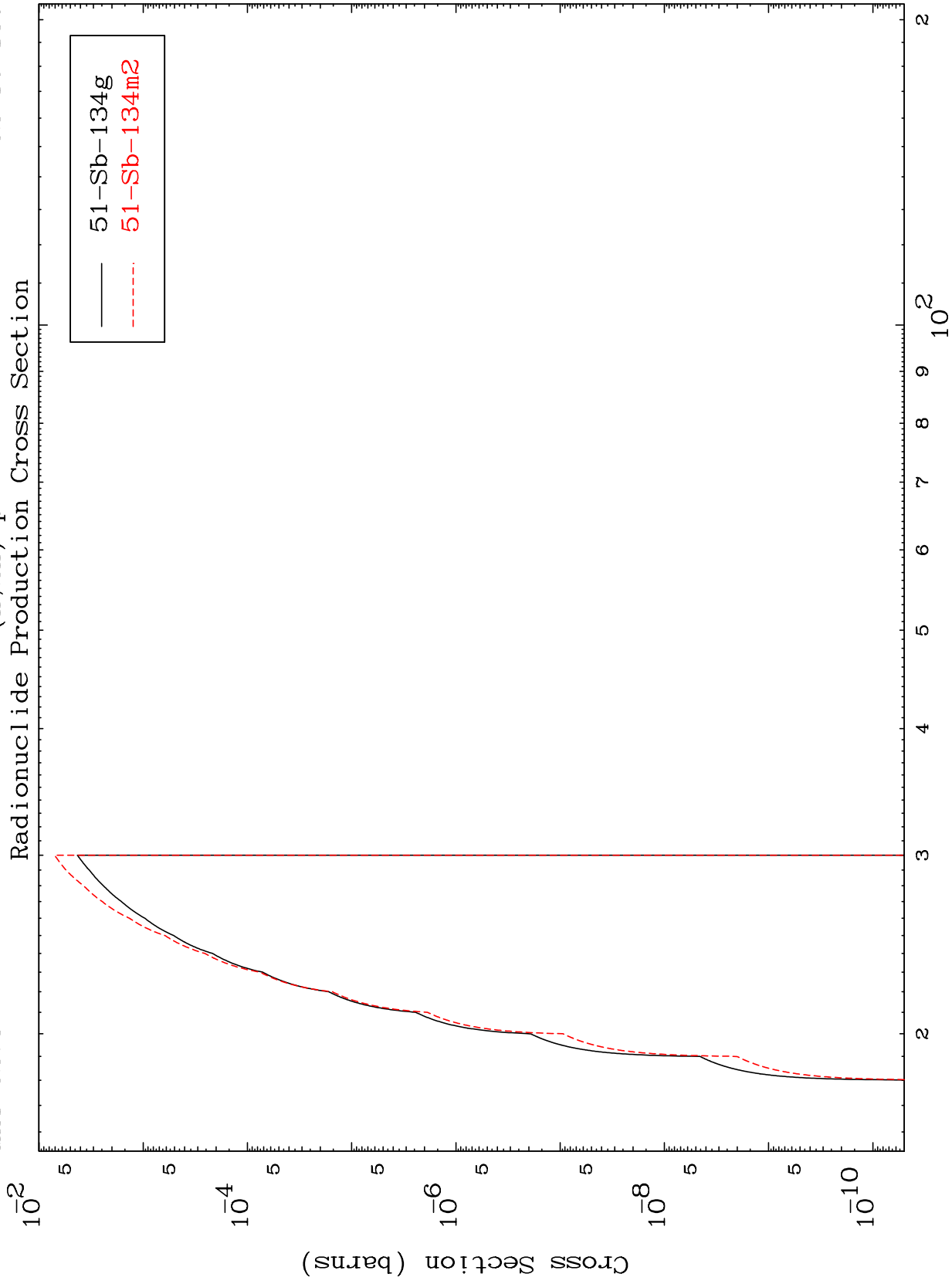
Incident Energy (MeV)

52-Te-136

MAT 5273

52-Te-136

(n,2n) p  
Radionuclide Production Cross Section



103

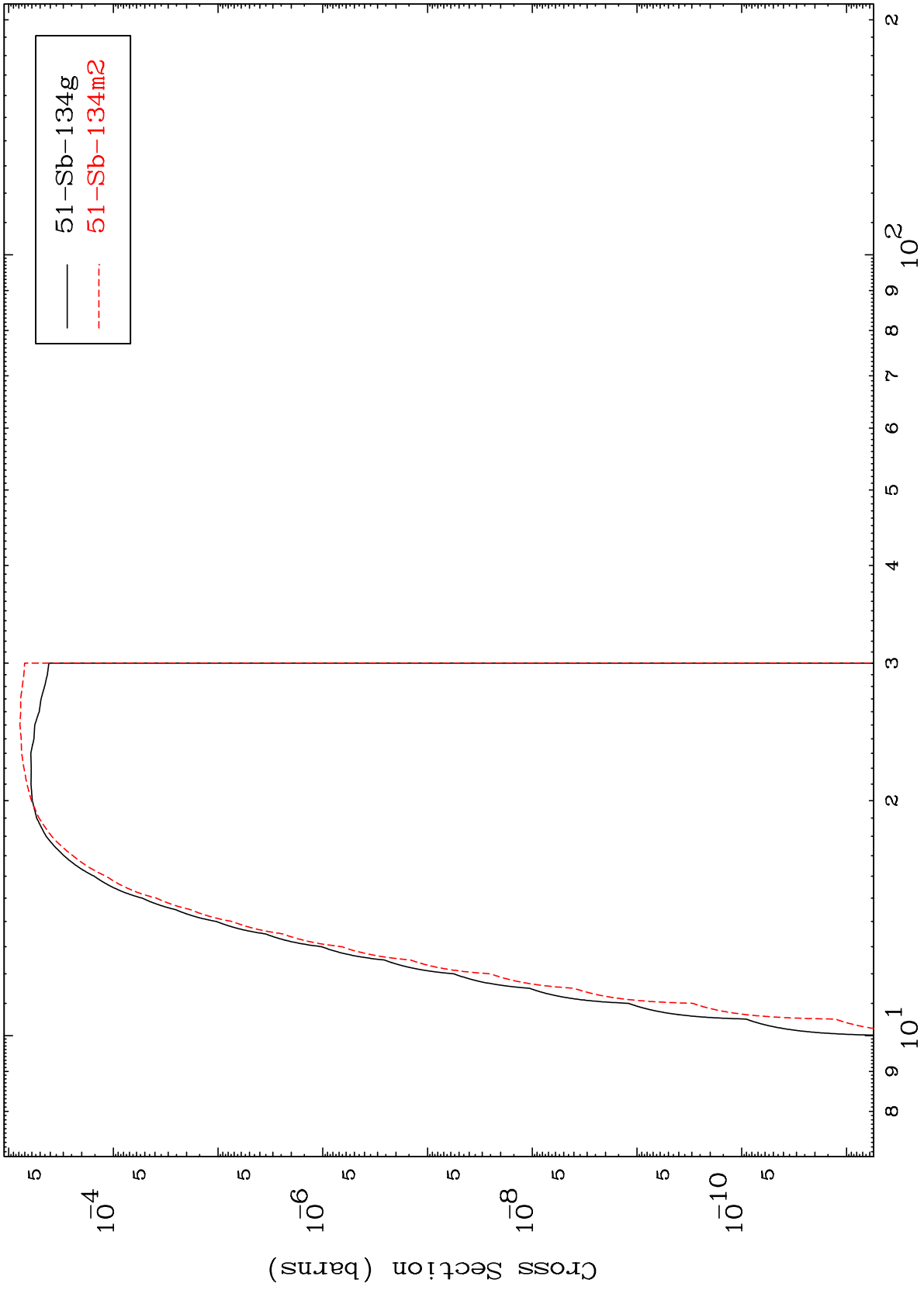
Incident Energy (MeV)

52-Te-136

MAT 5273

52-Te-136

(n, t)  
Radionuclide Production Cross Section



104

Incident Energy (MeV)

52-Te-136