

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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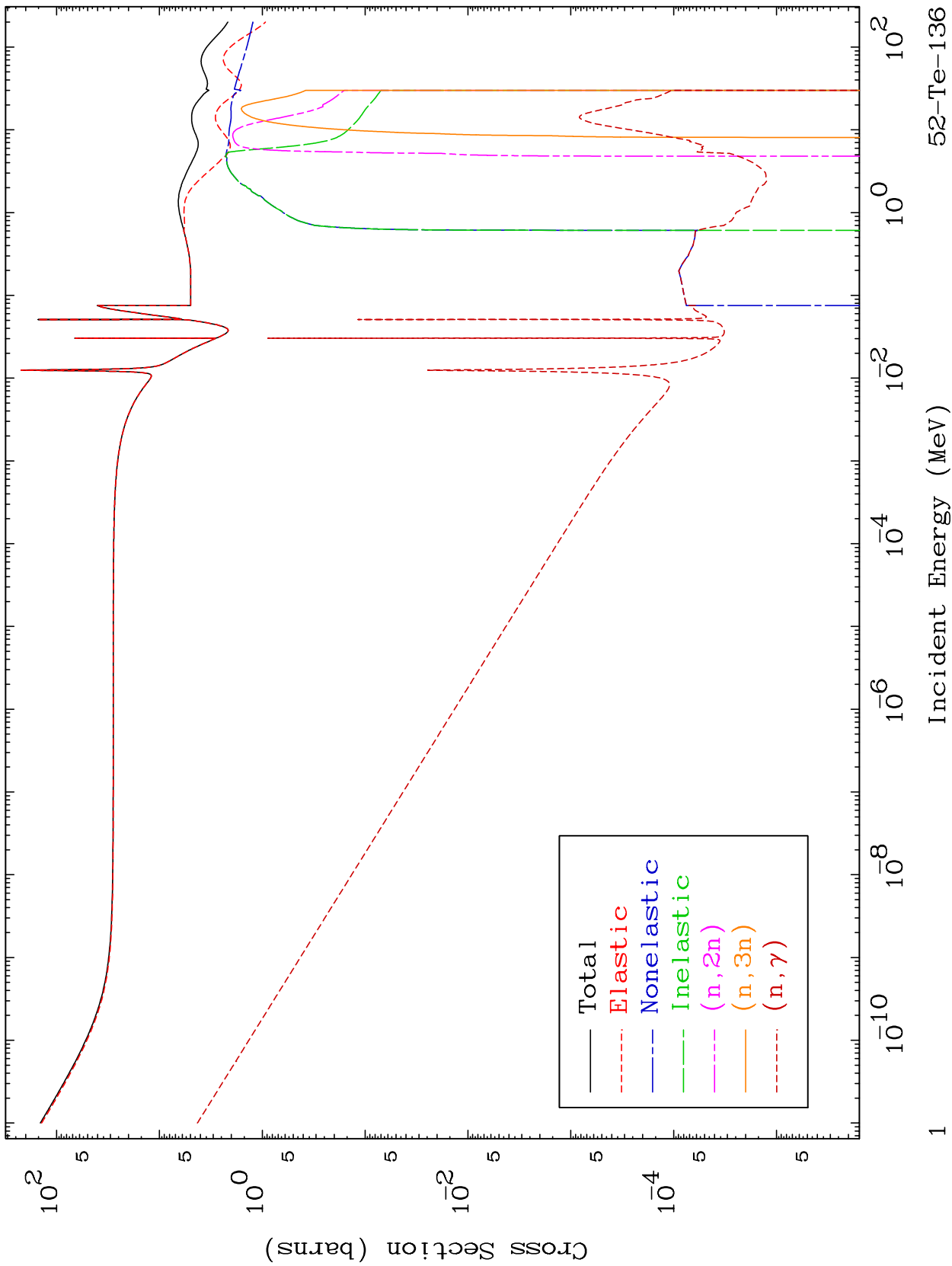
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5273

Neutron Major  
293 Kelvin Cross Sections

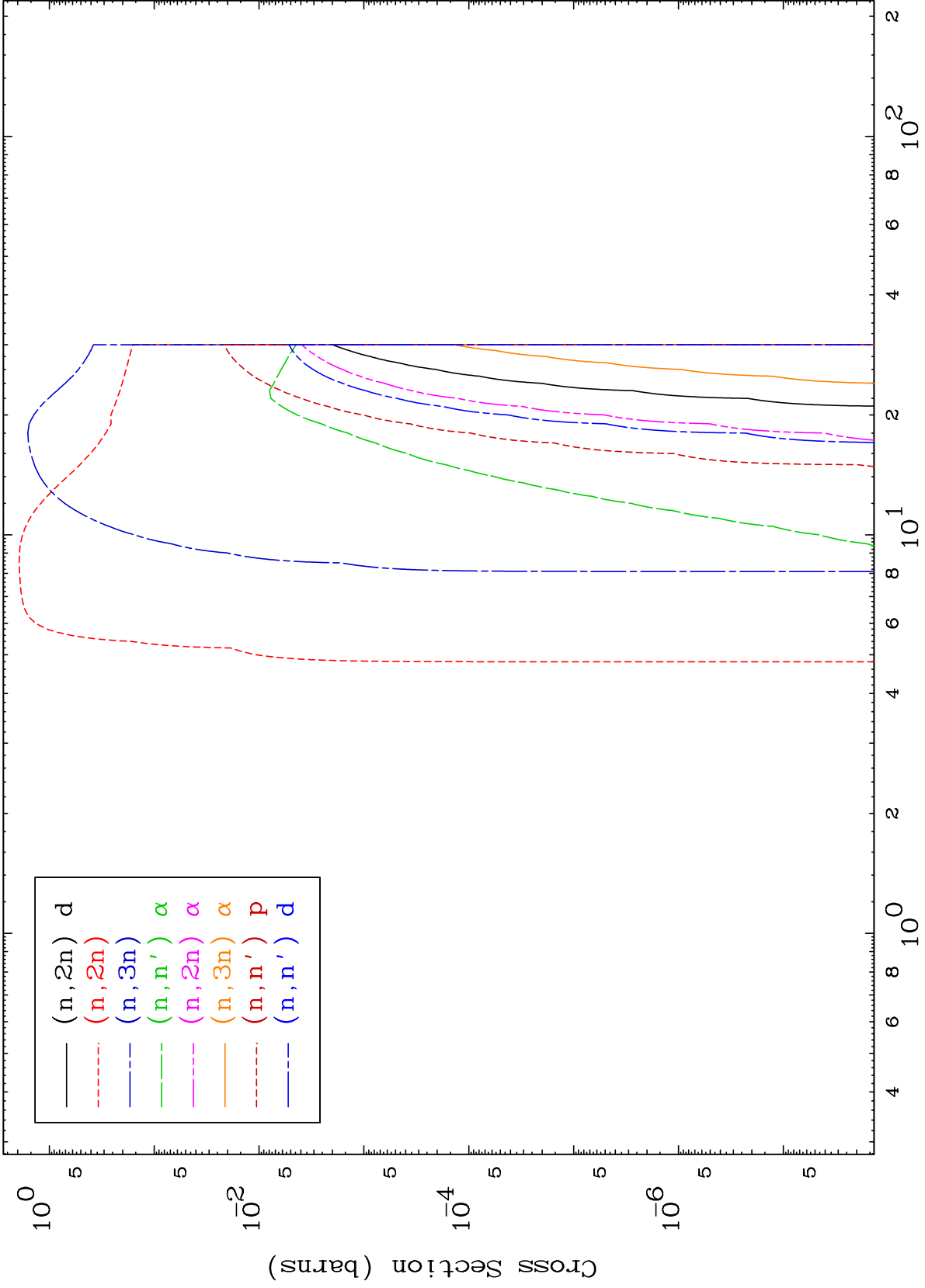
52-Te-136



MAT 5273

Neutron Absorption  
293 Kelvin Cross Sections

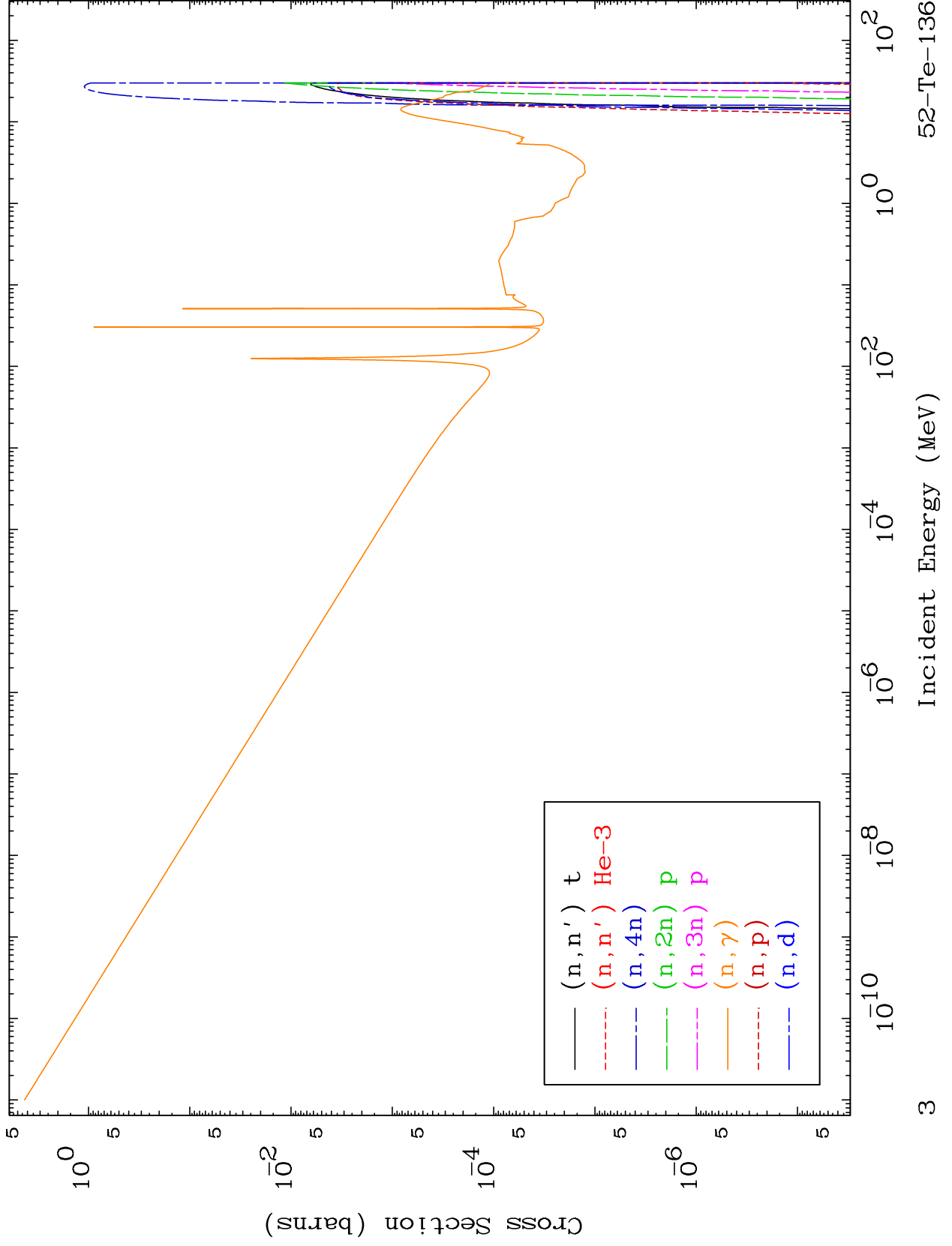
52-Te-136



MAT 5273

Neutron Absorption  
293 Kelvin Cross Sections

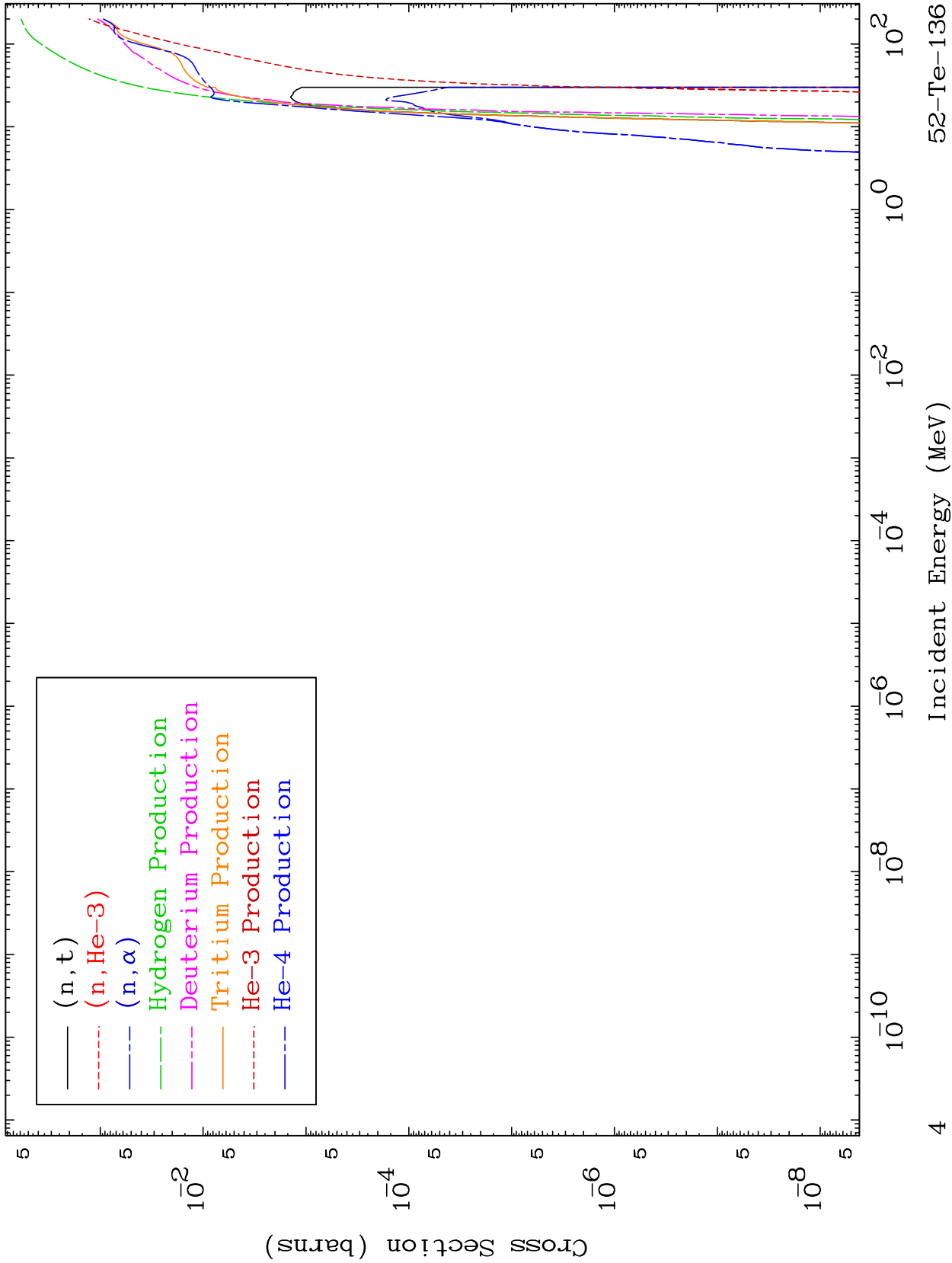
52-Te-136



MAT 5273

Neutron Absorption  
293 Kelvin Cross Sections

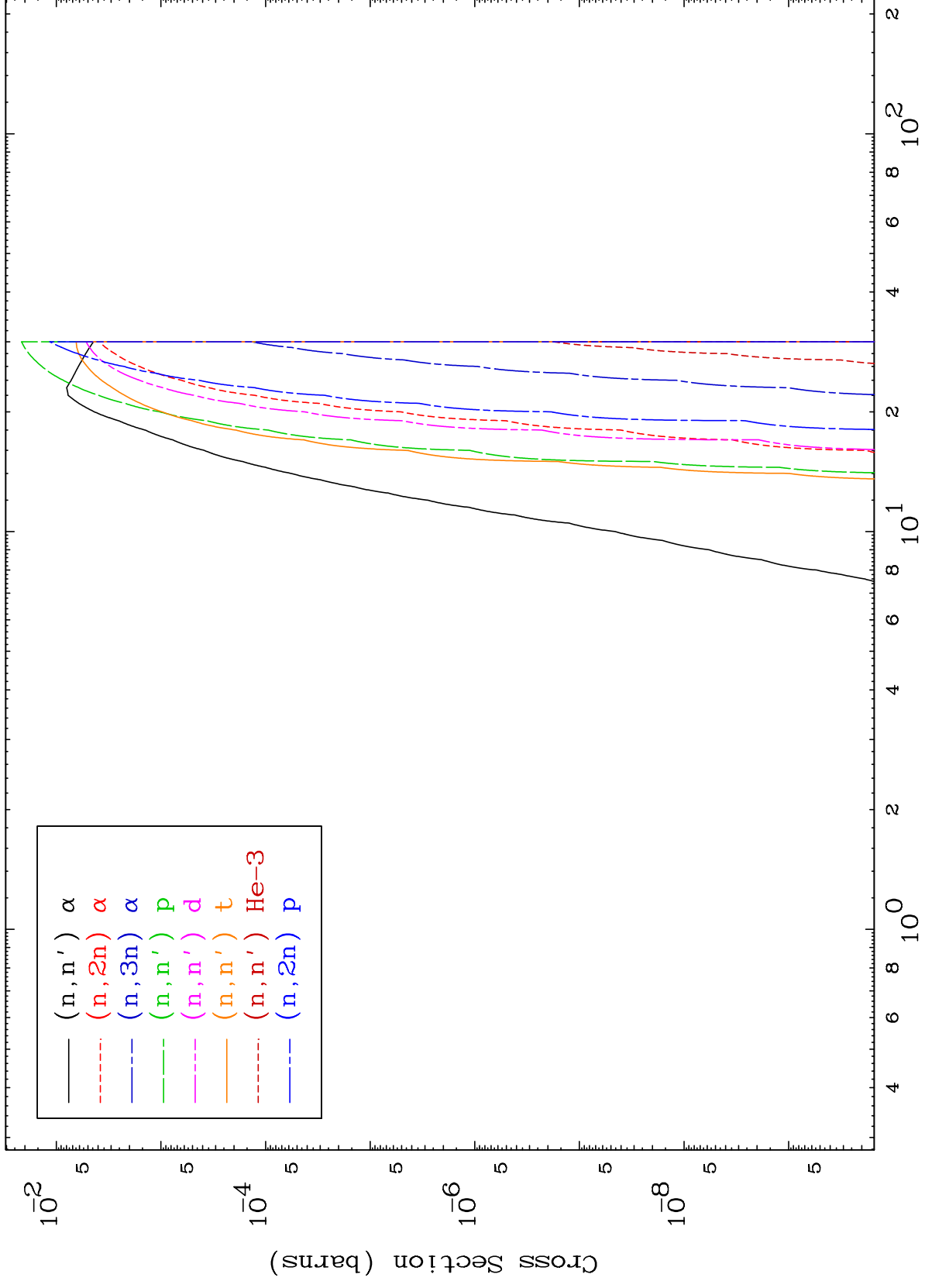
52-Te-136



MAT 5273

Charged Particle  
293 Kelvin Cross Sections

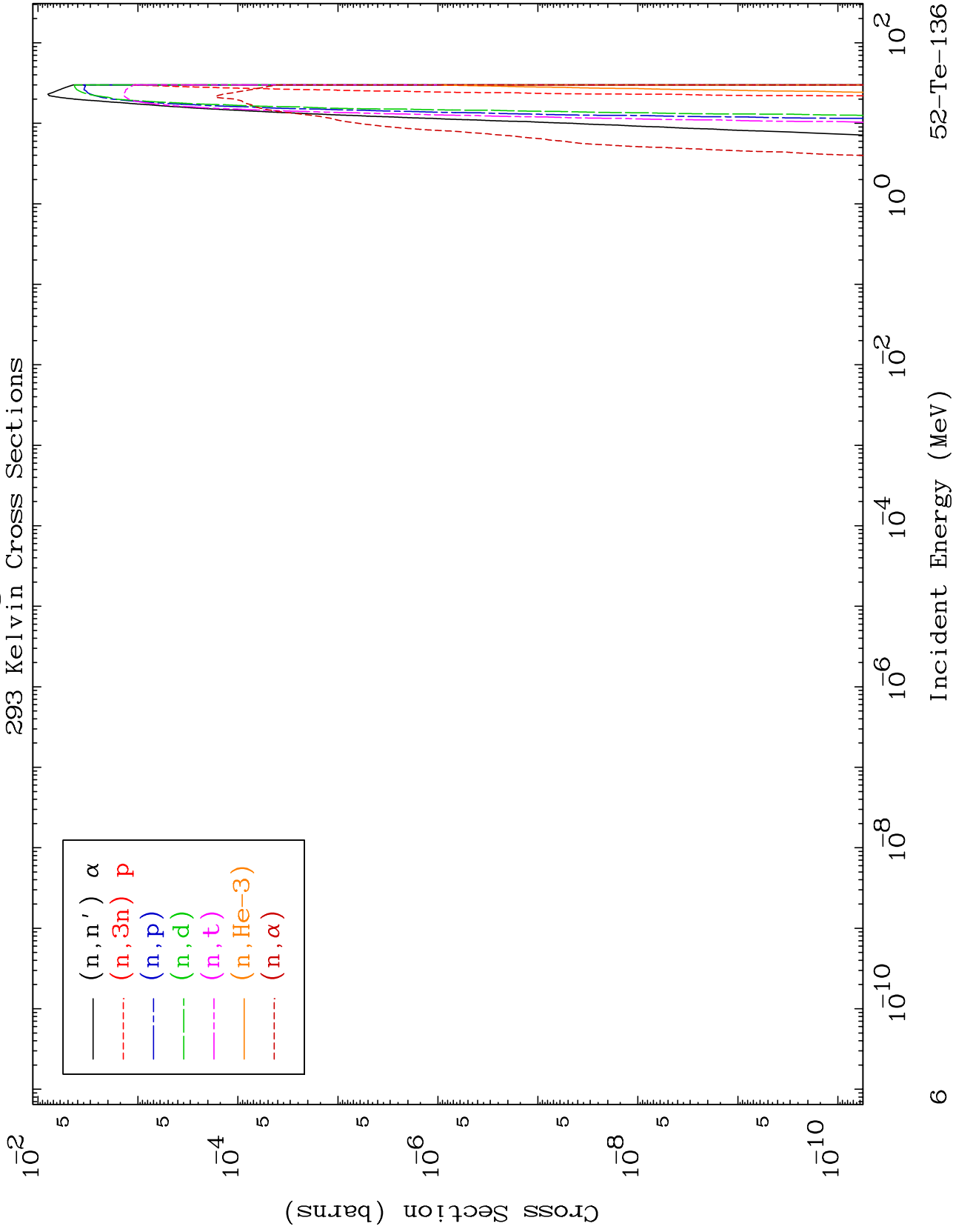
52-Te-136

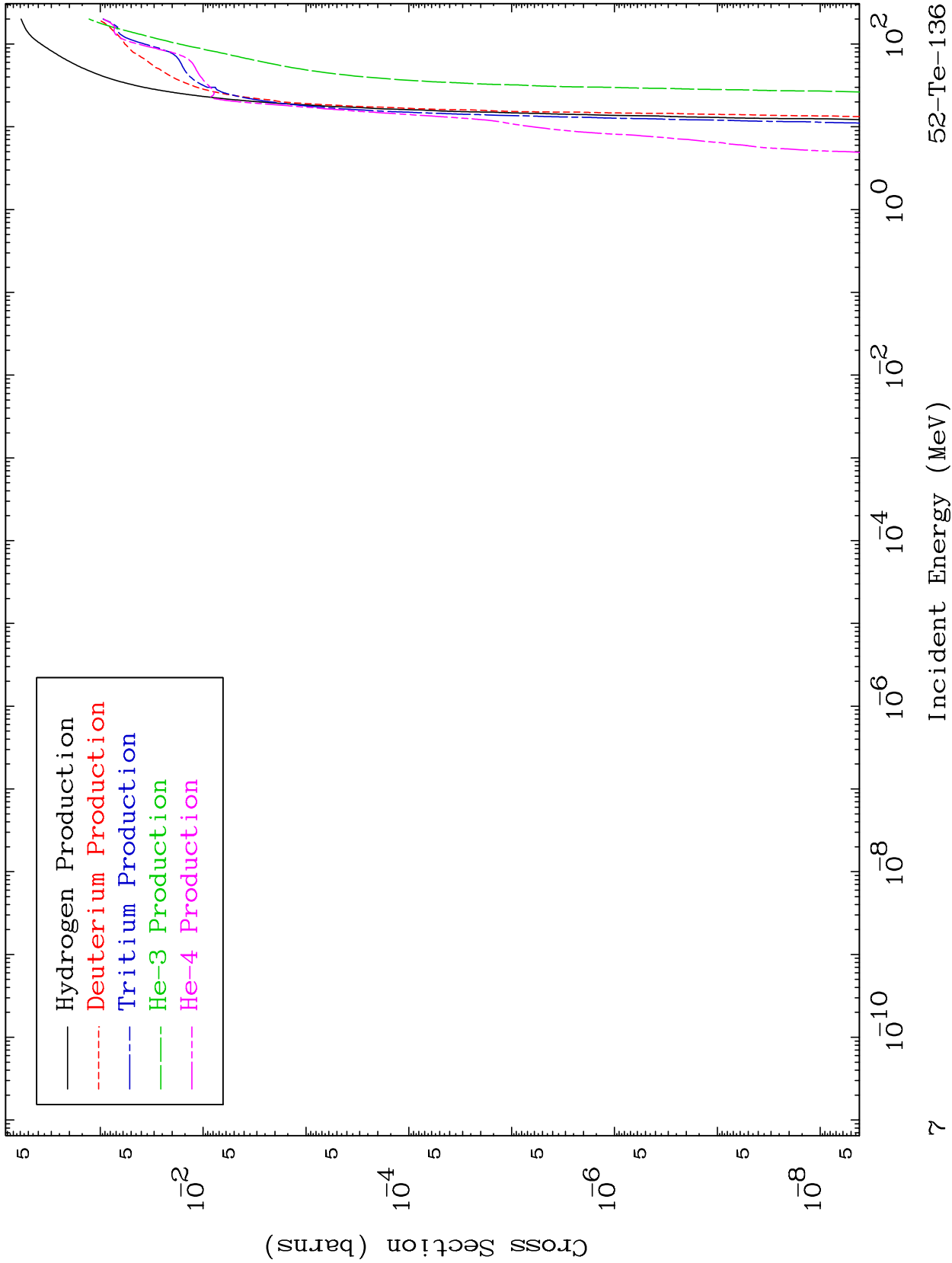


MAT 5273

Charged Particle  
293 Kelvin Cross Sections

52-Te-136





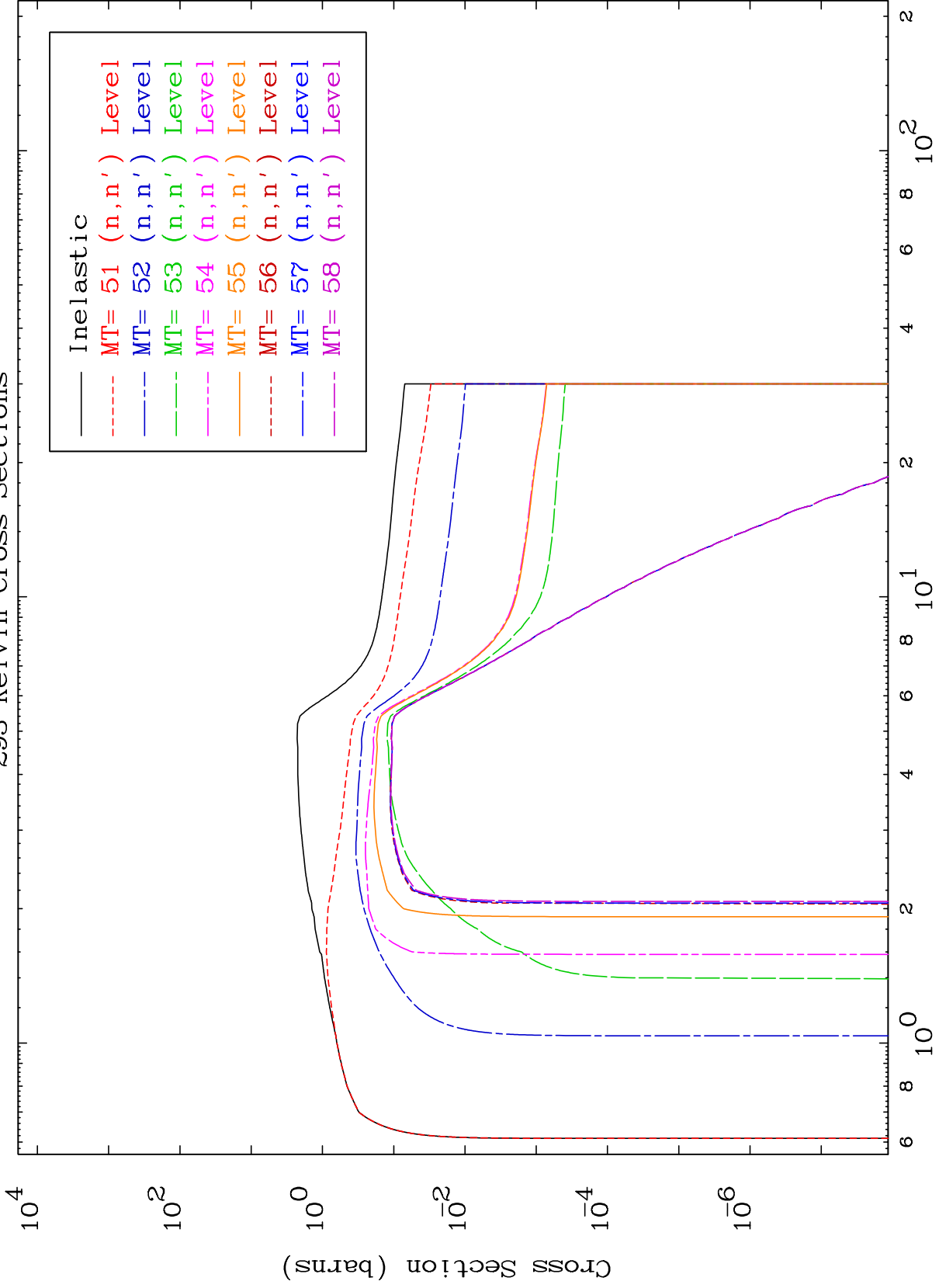


MAT 5273

(n,n') Levels

52-Te-136

293 Kelvin Cross Sections



8

Incident Energy (MeV)

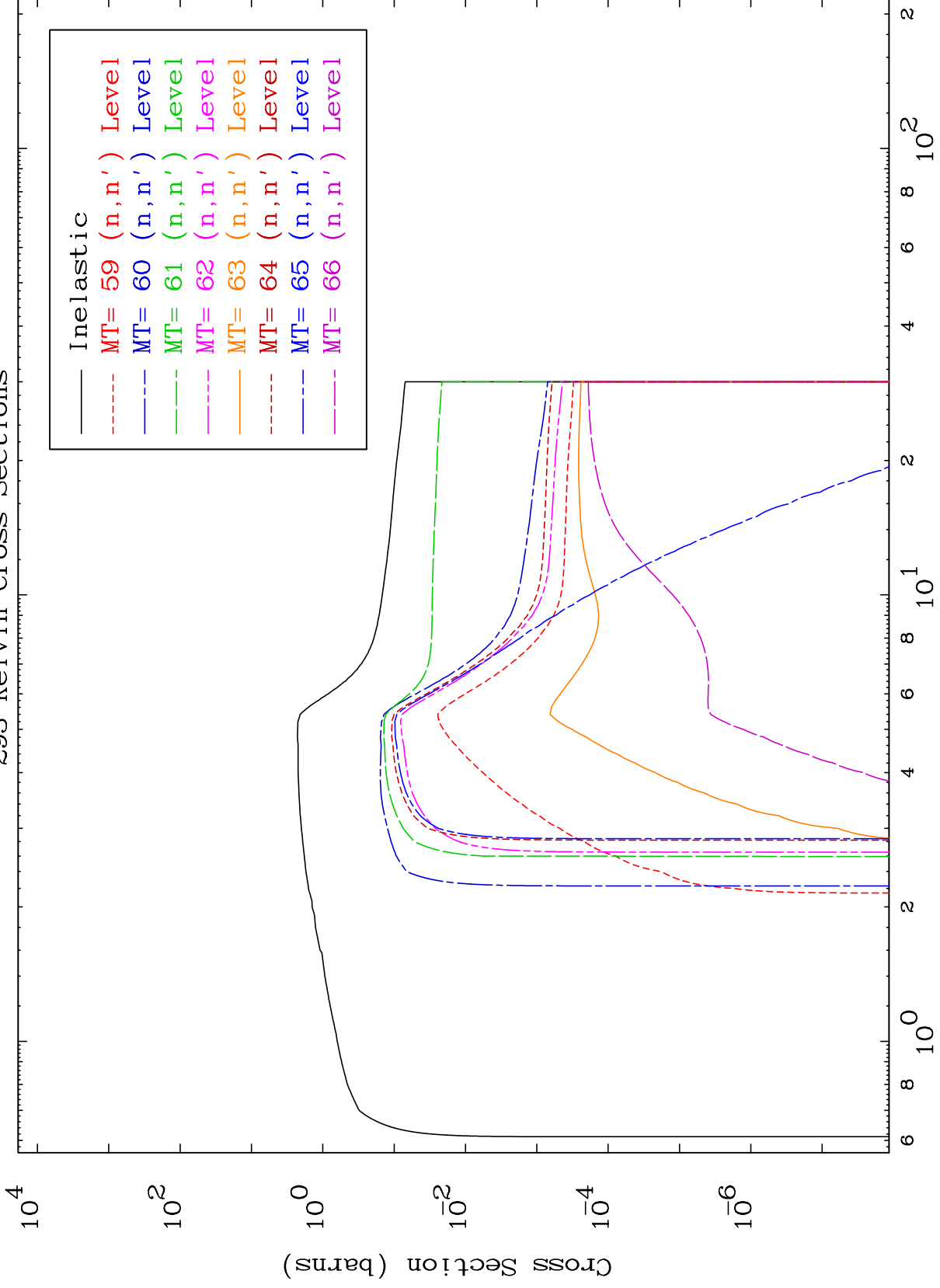
52-Te-136

MAT 5273

(n,n') Levels

52-Te-136

293 Kelvin Cross Sections

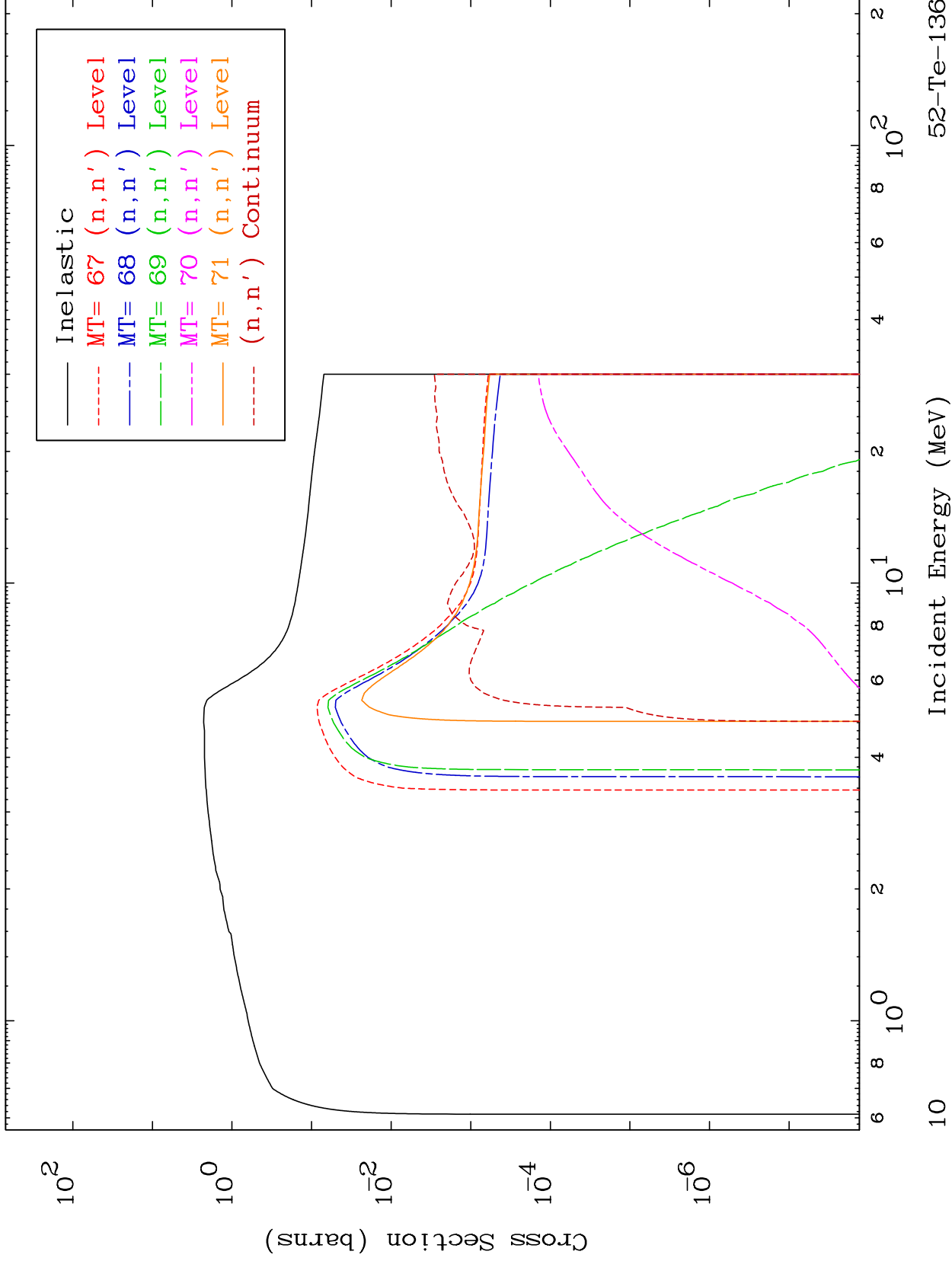


MAT 5273

(n,n') Levels

52-Te-136

293 Kelvin Cross Sections



52-Te-136

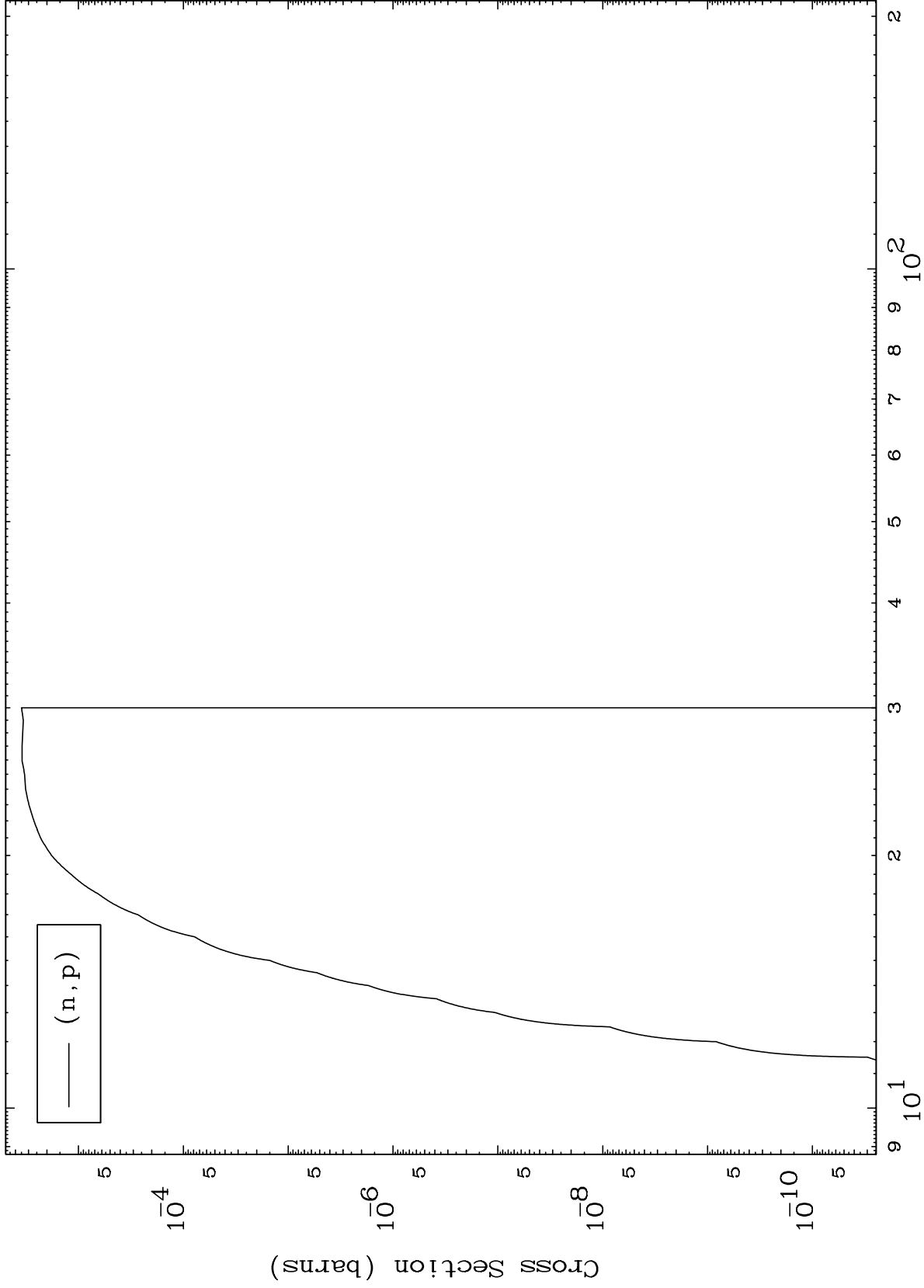
Incident Energy (MeV)

10

MAT 5273

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-136



11

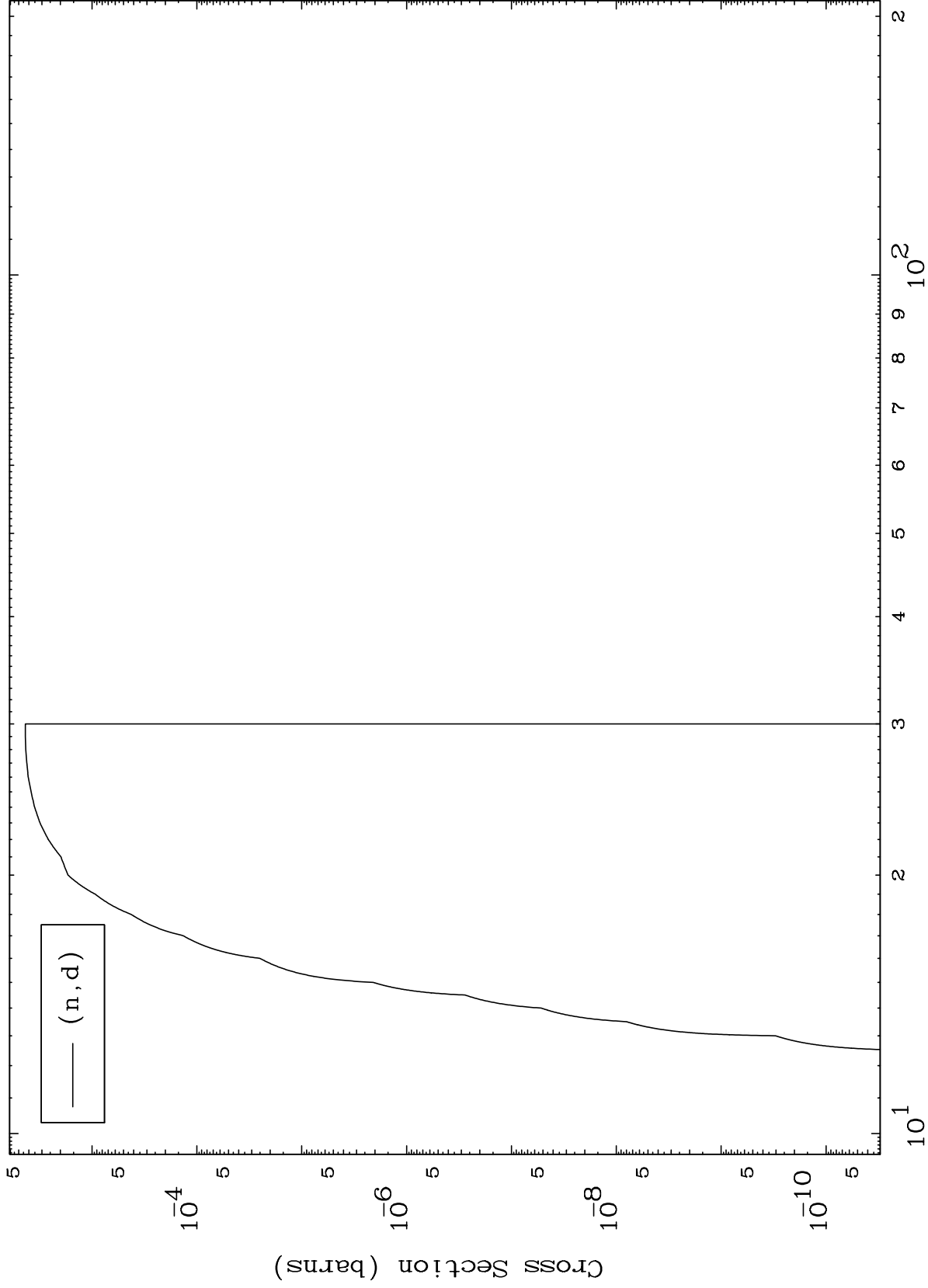
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-136



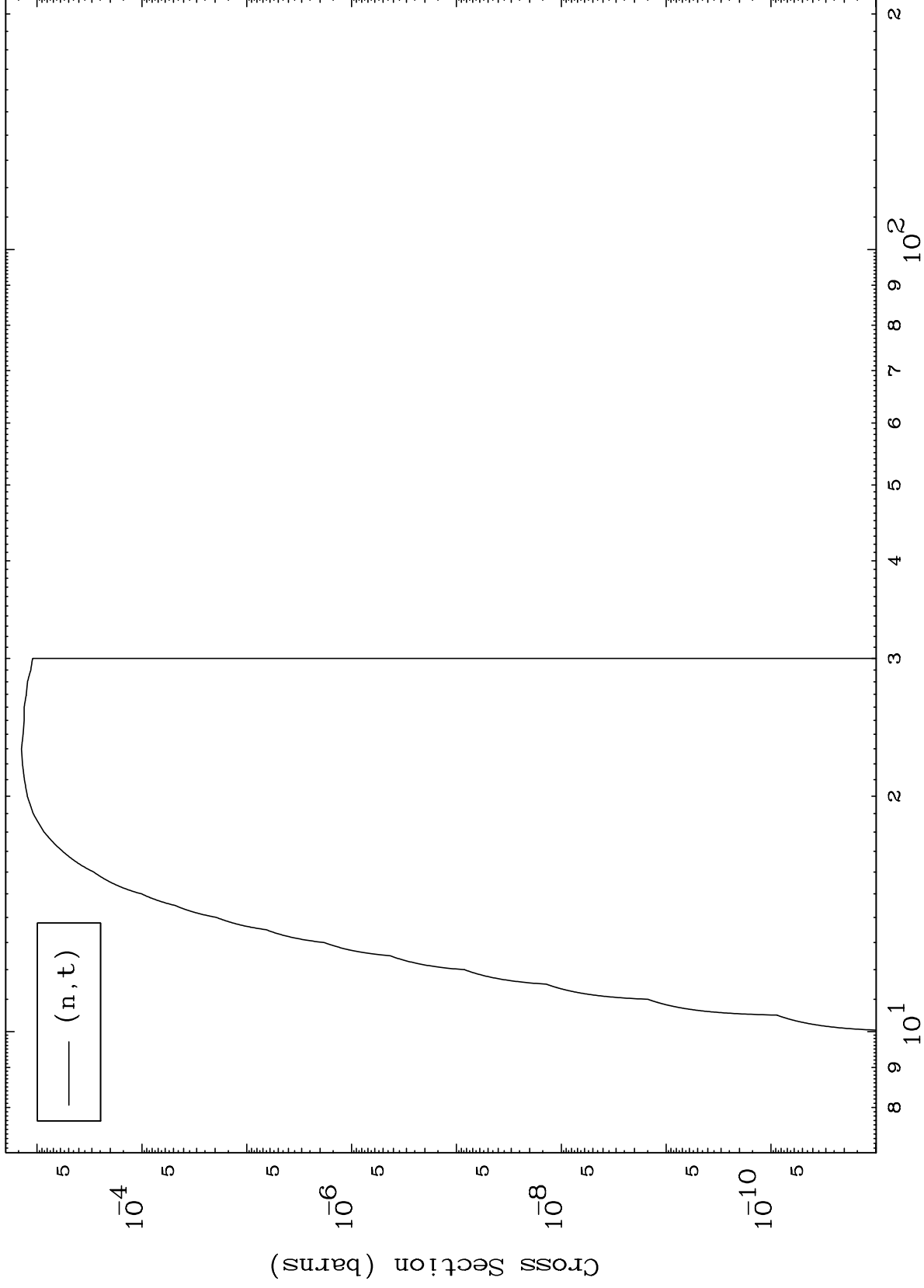
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-136



13

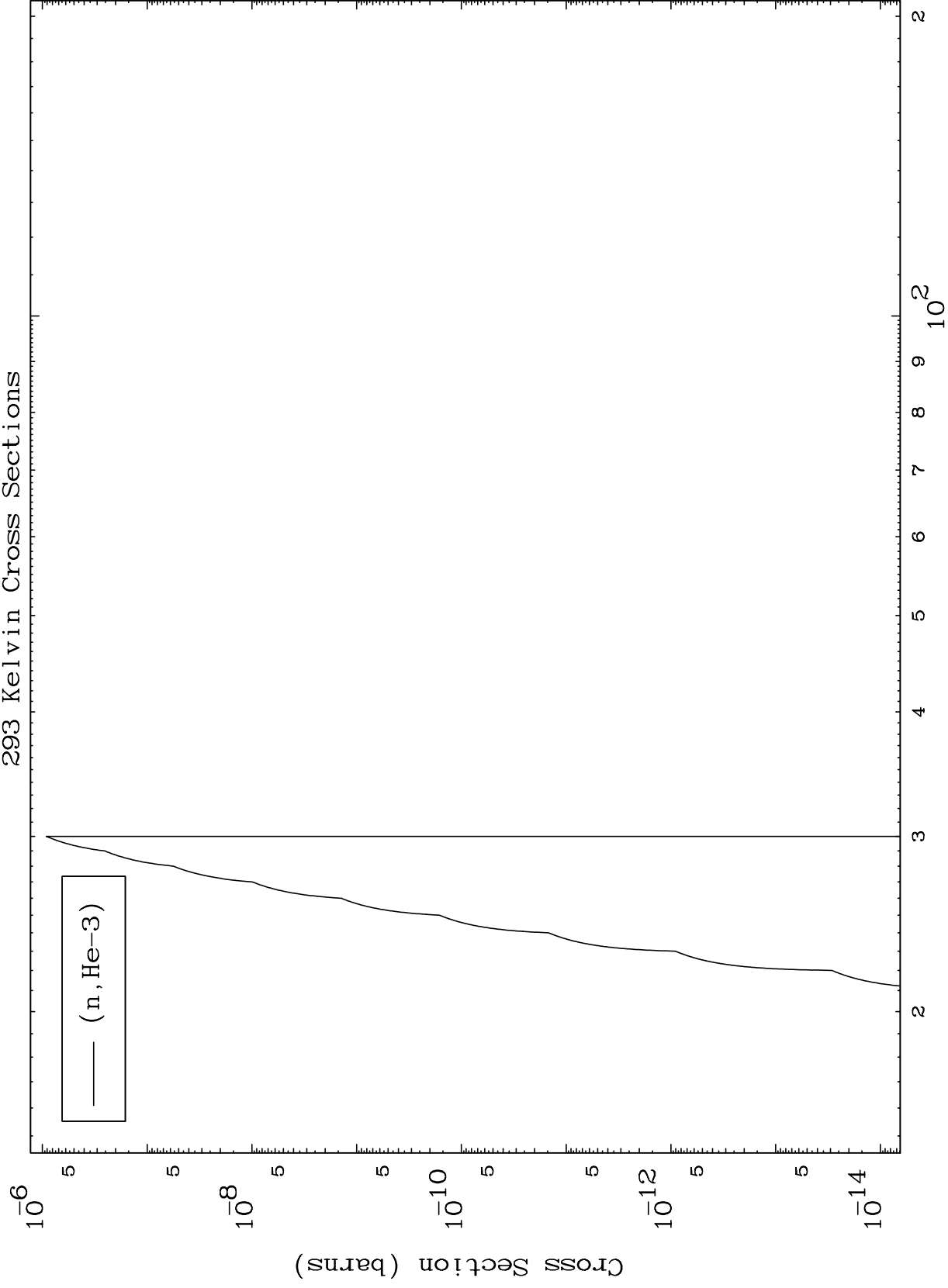
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-136



14

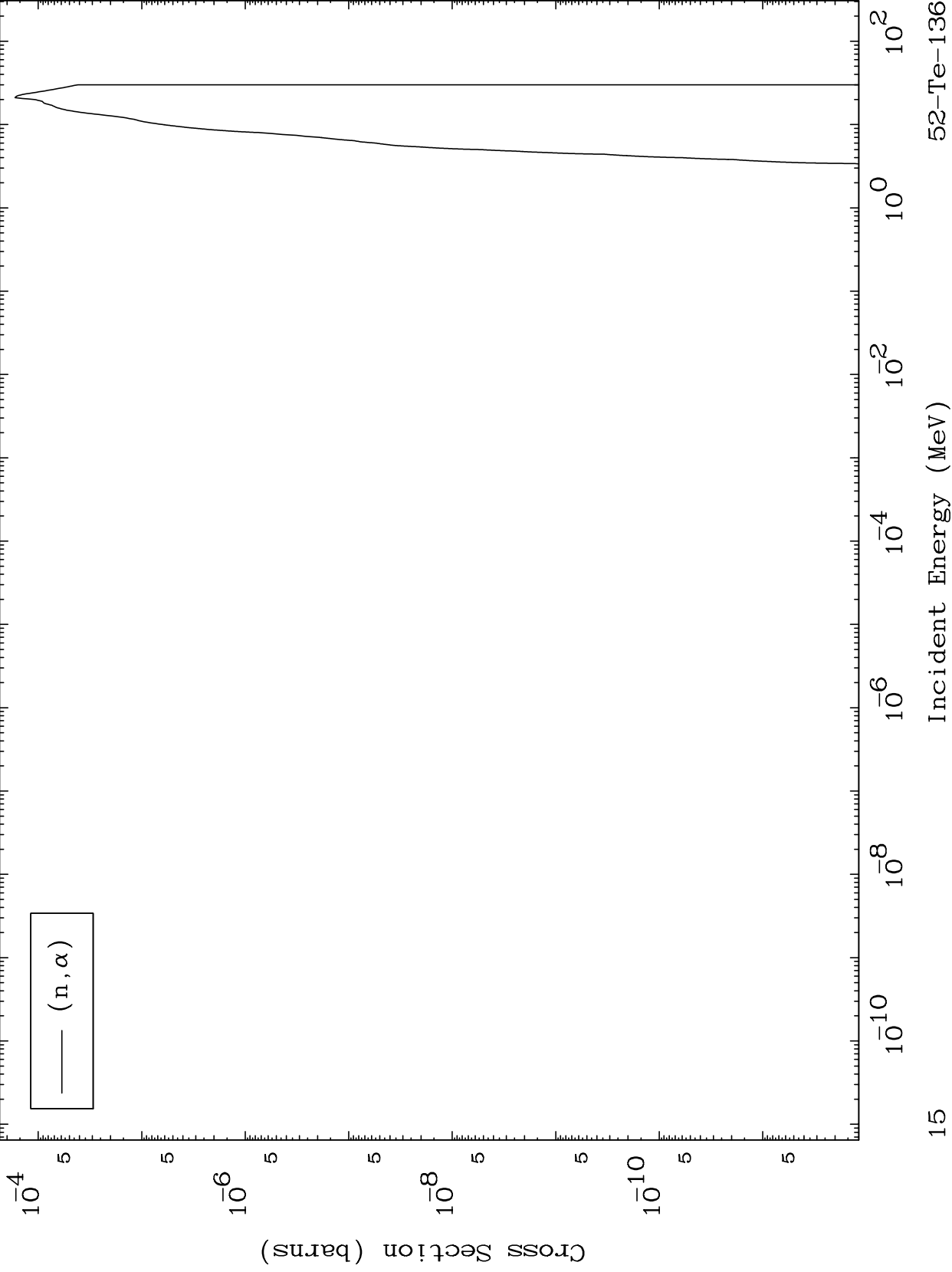
Incident Energy (MeV)

52-Te-136

MAT 5273

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

52-Te-136



15

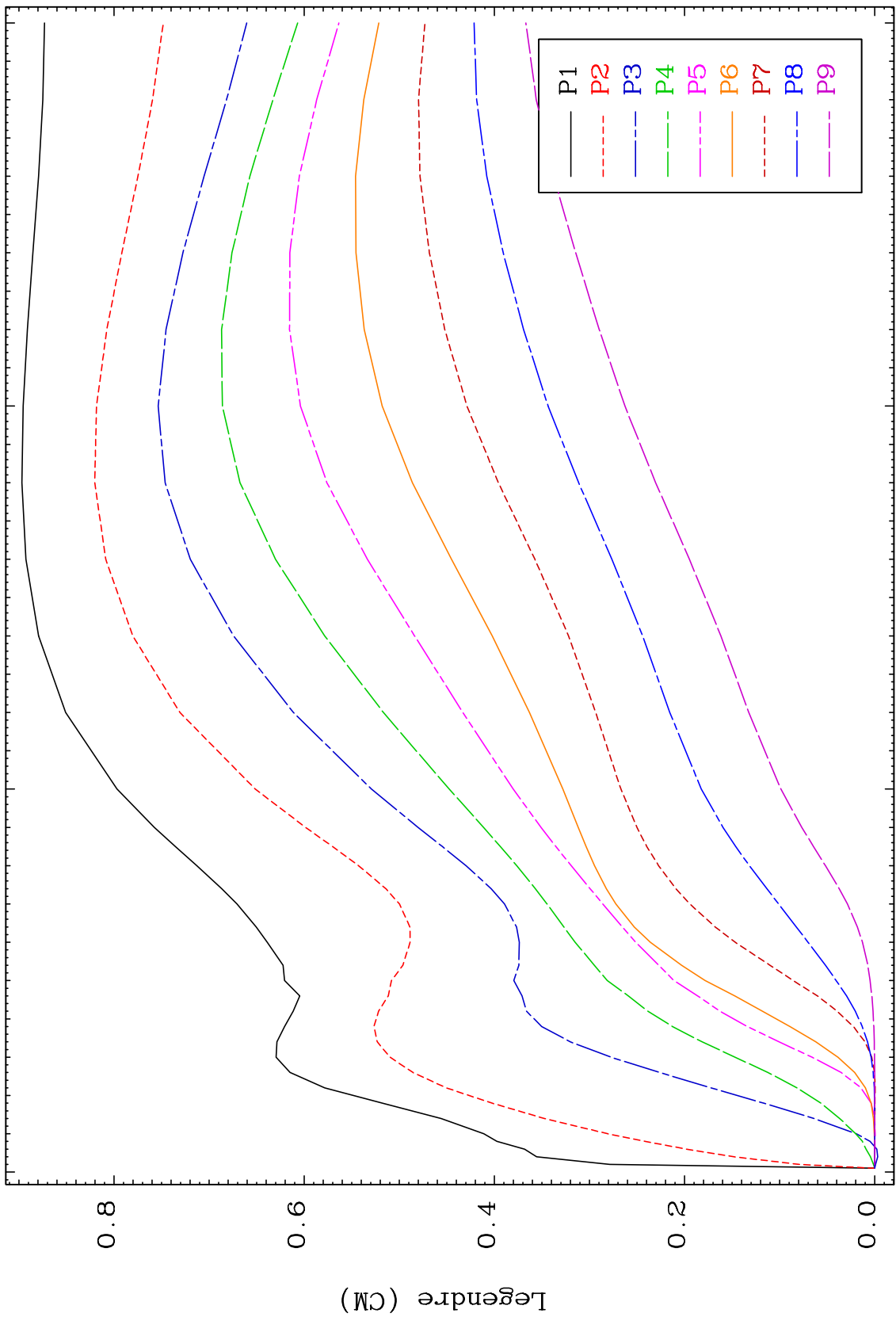
52-Te-136



MAT 5273

52-Te-136

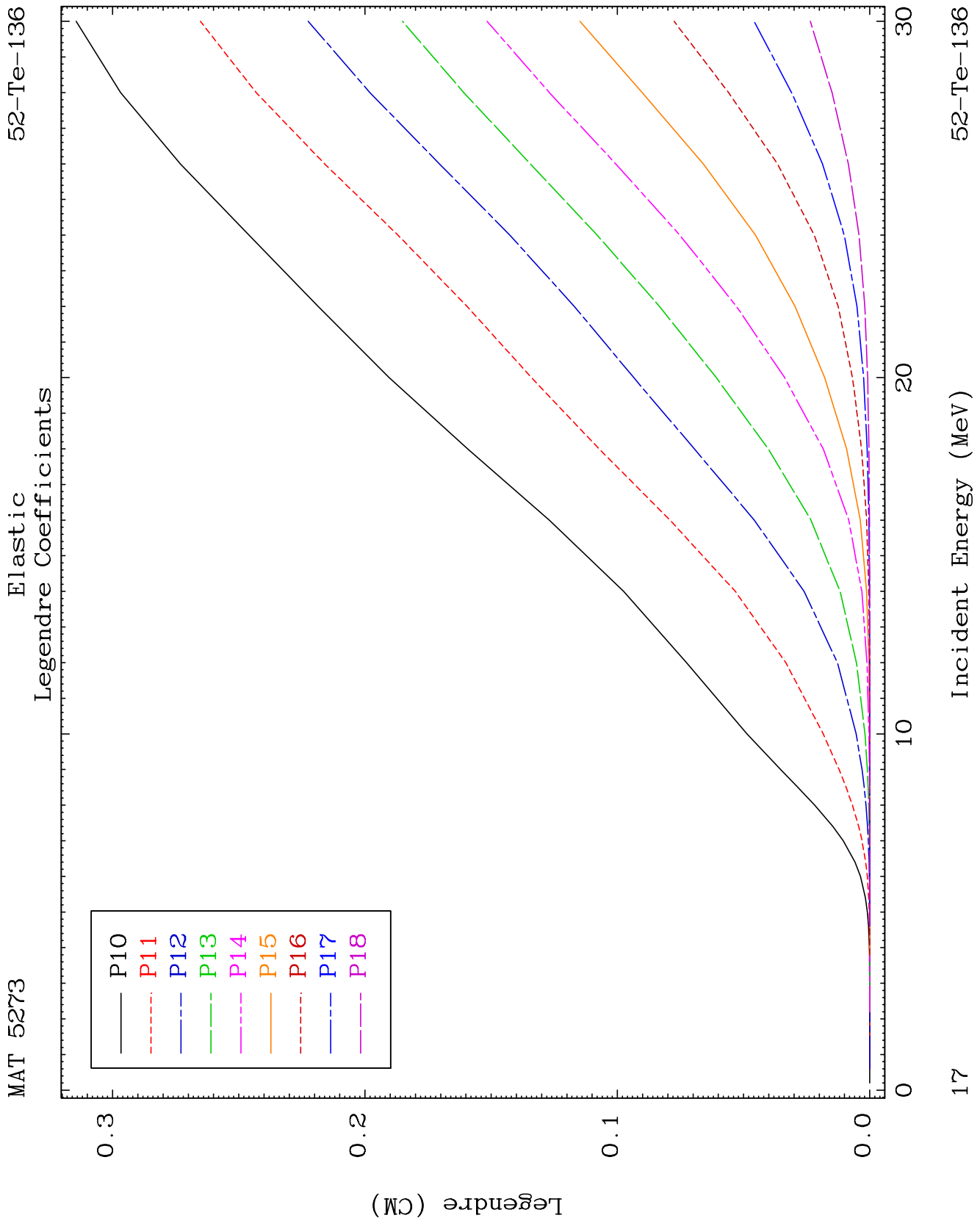
Elastic Legendre Coefficients



52-Te-136

Incident Energy (MeV)

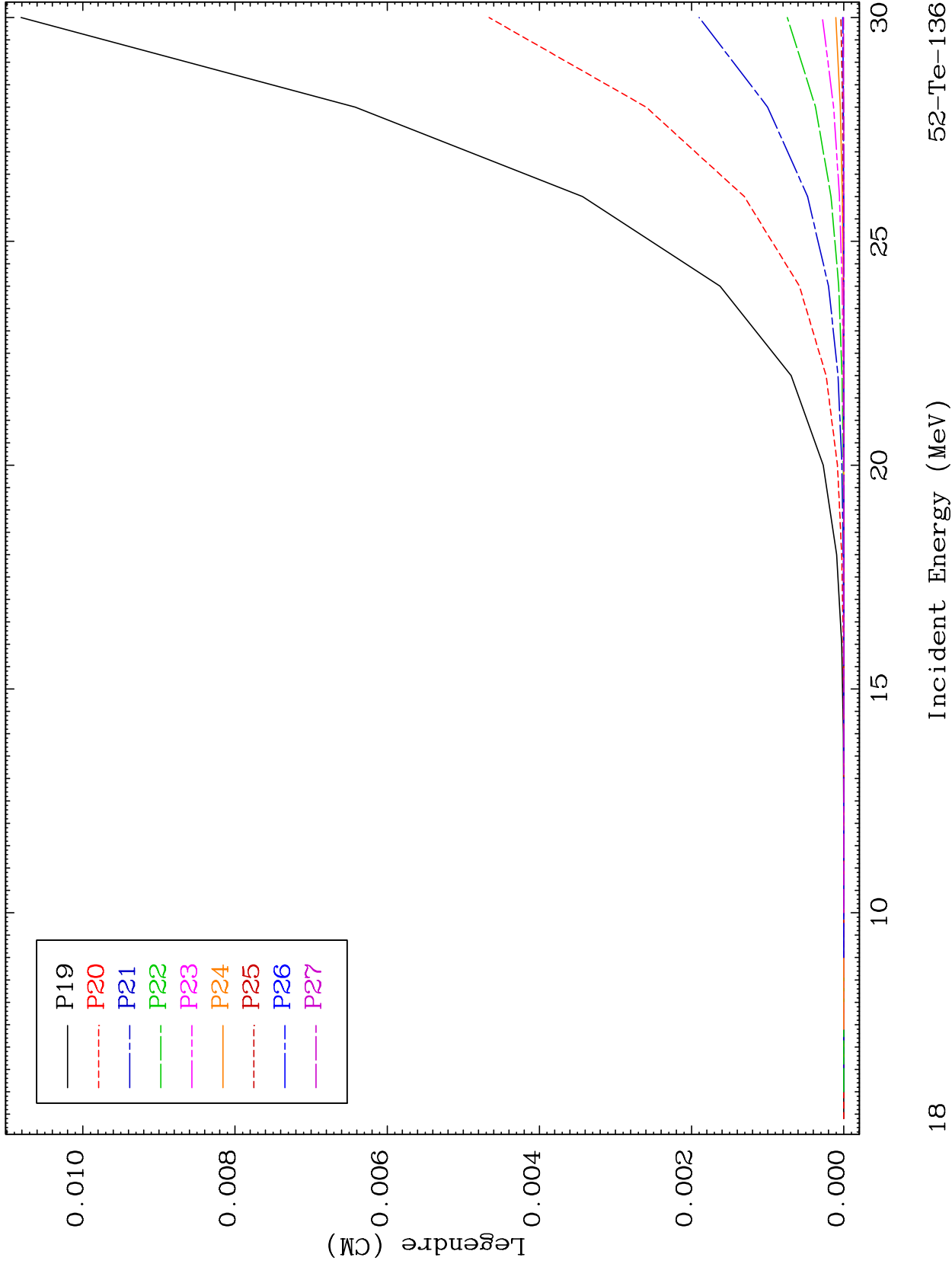
16



MAT 5273

### Elastic Legendre Coefficients

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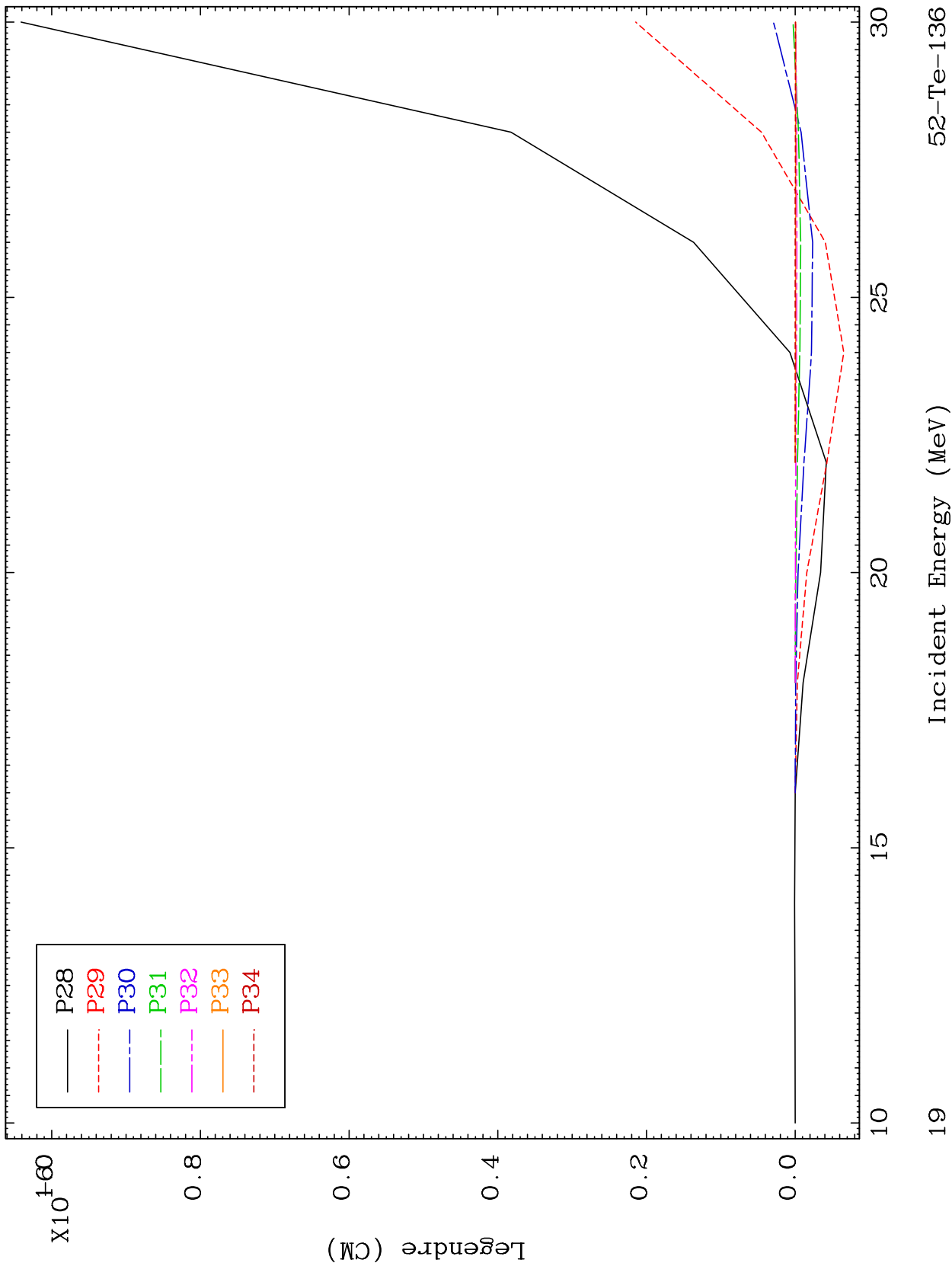
Incident Energy (MeV)

52-Te-136

MAT 5273

Elastic Legendre Coefficients

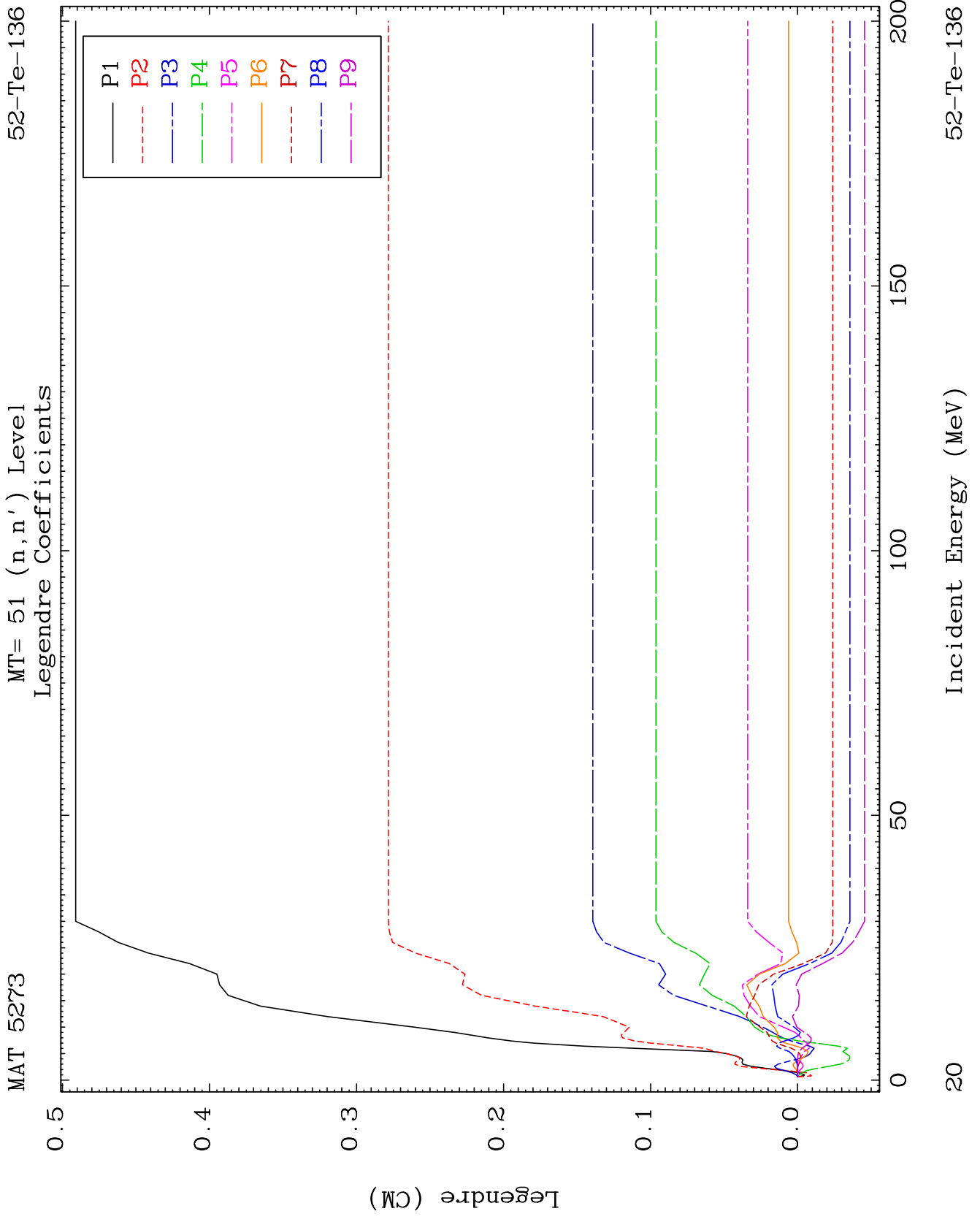
52-Te-136



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Incident Energy (MeV)

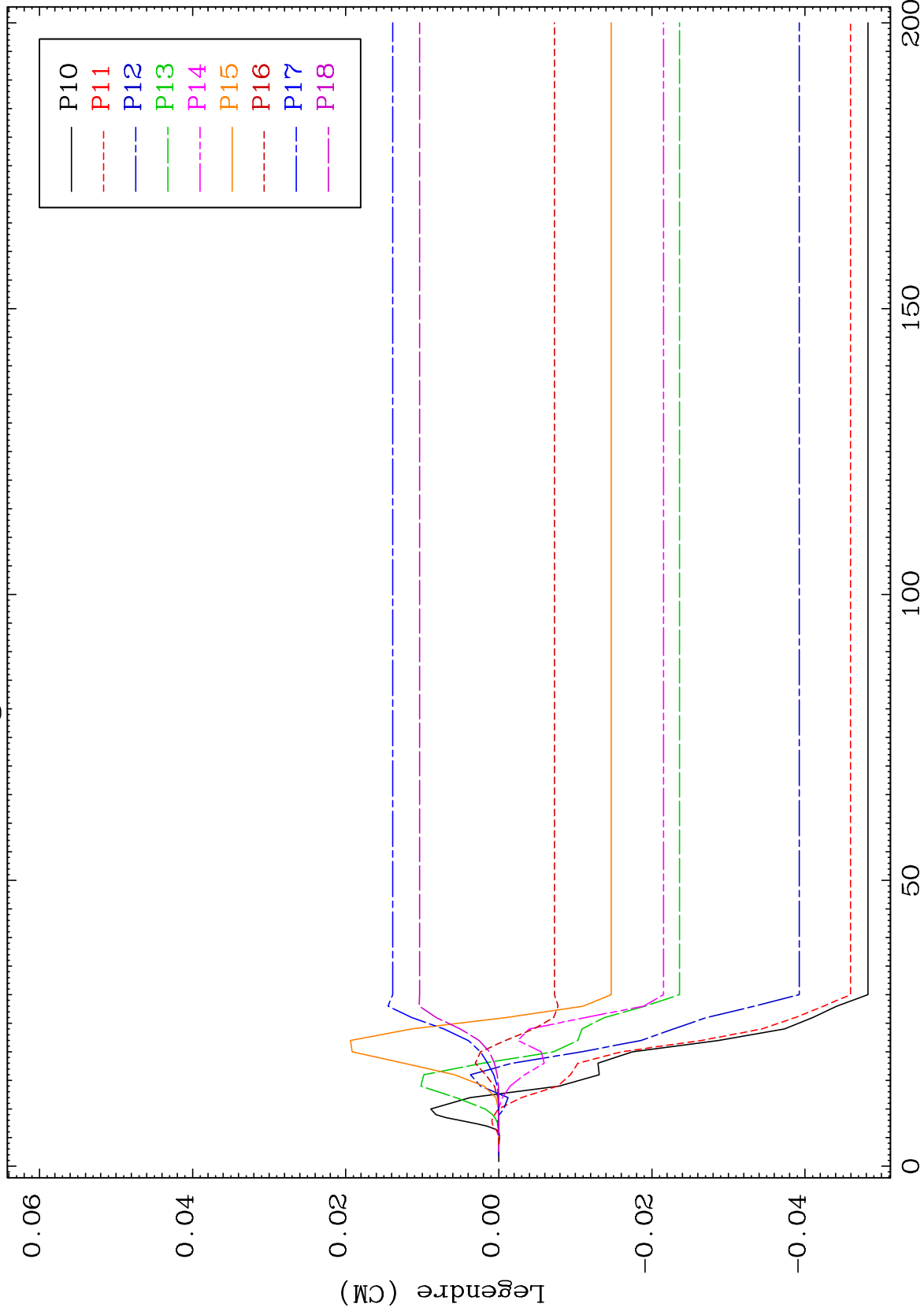
52-Te-136



MAT 5273

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

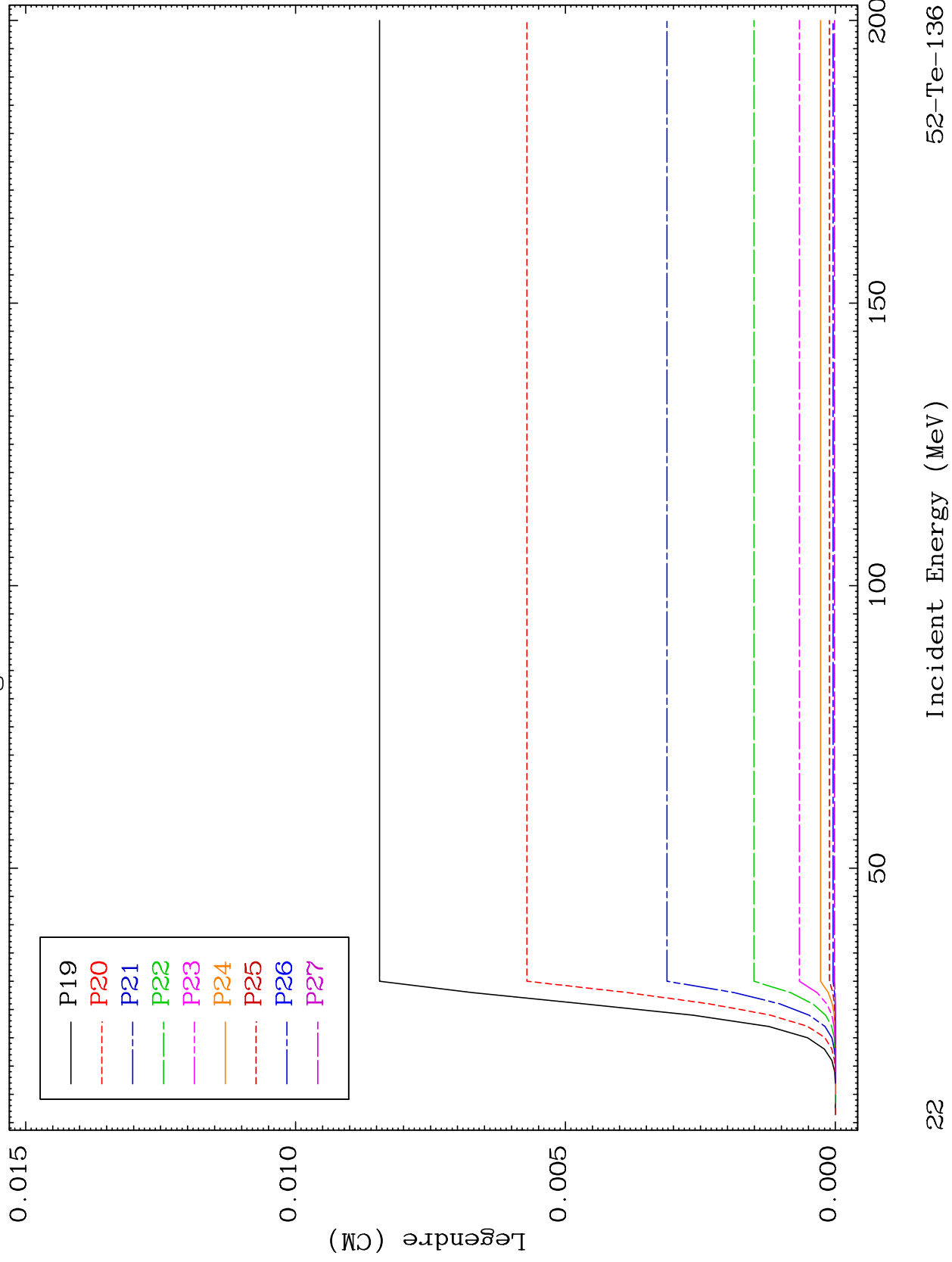
52-Te-136



MAT 5273

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

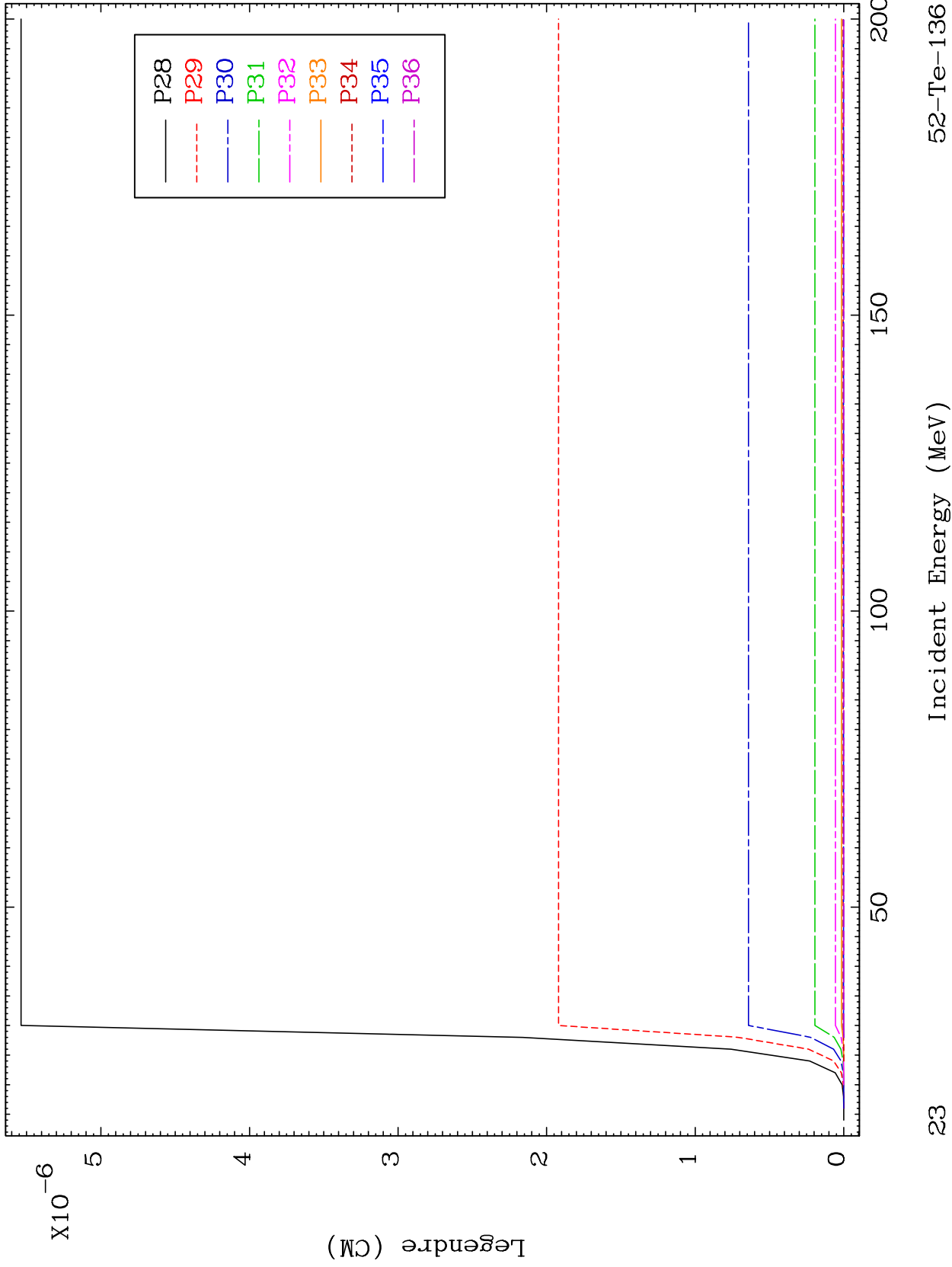
52-Te-136



MAT 5273

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

52-Te-136



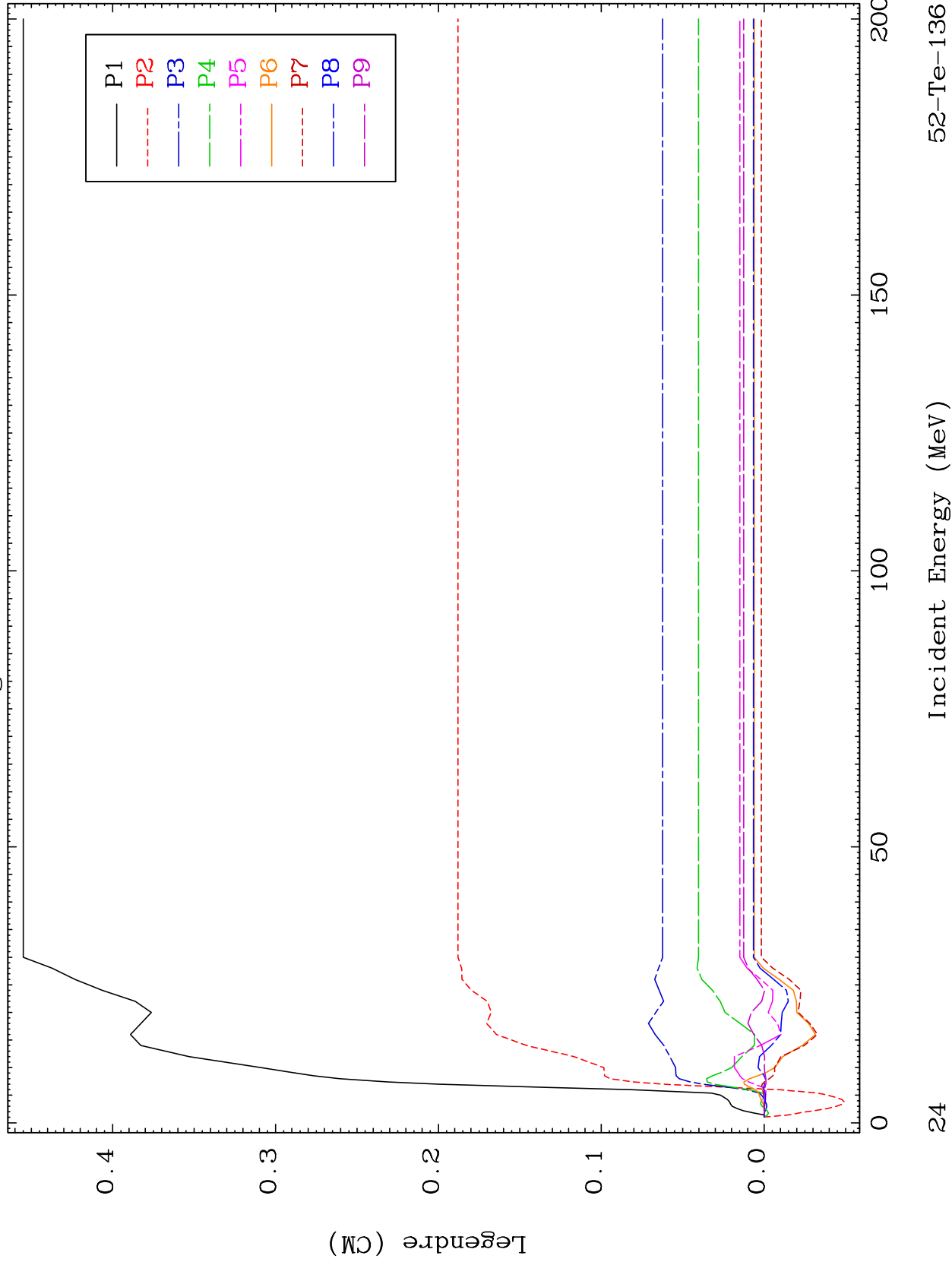
23



MAT 5273

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

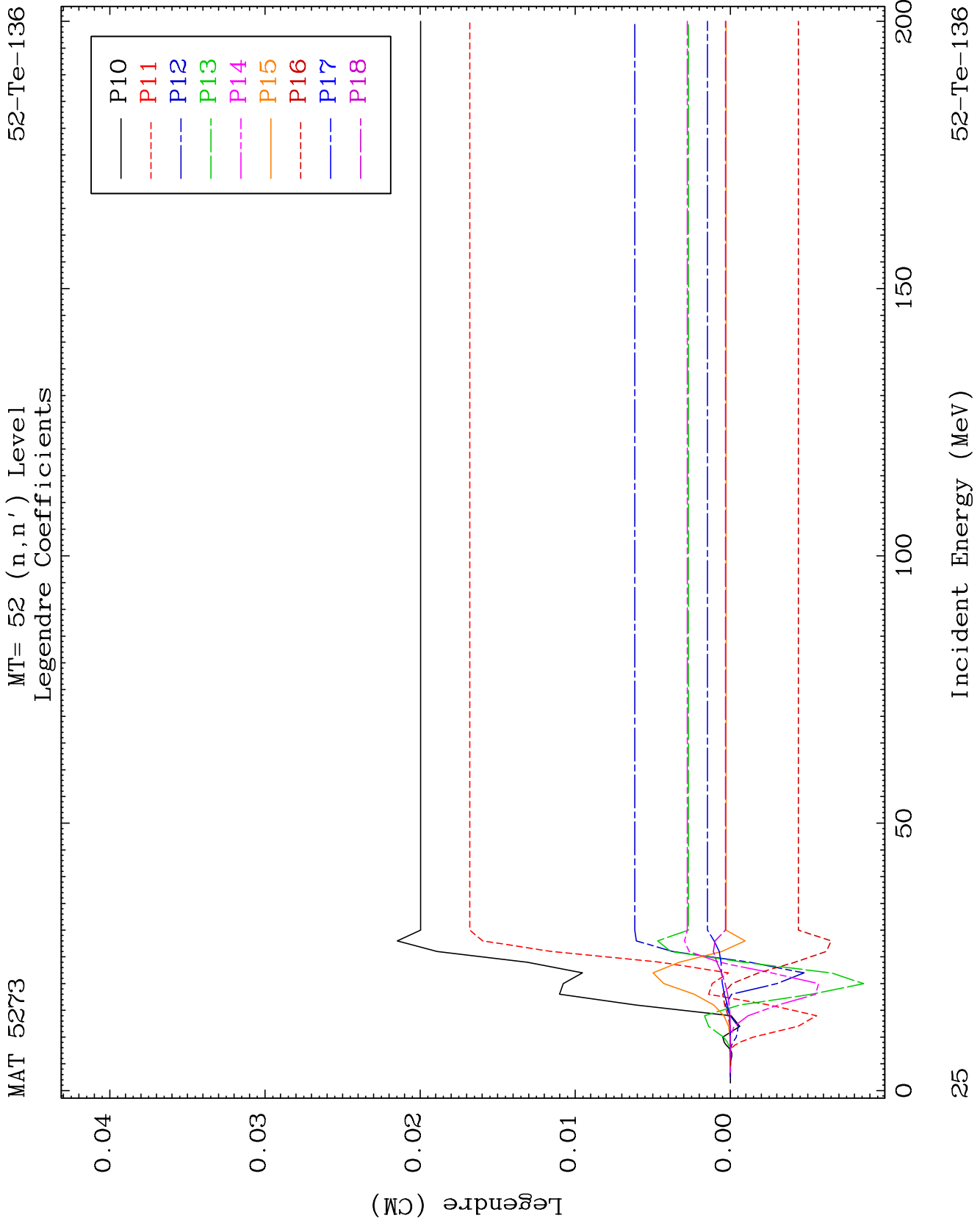
52-Te-136



24

Incident Energy (MeV)

52-Te-136



MAT 5273

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

52-Te-136

$\times 10^{-3}$

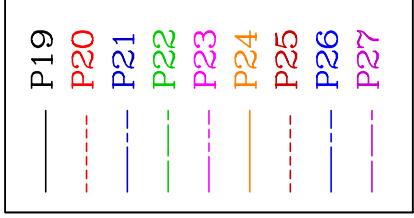
1.5

Legendre (CM)

1.0

0.5

0.0



200

150

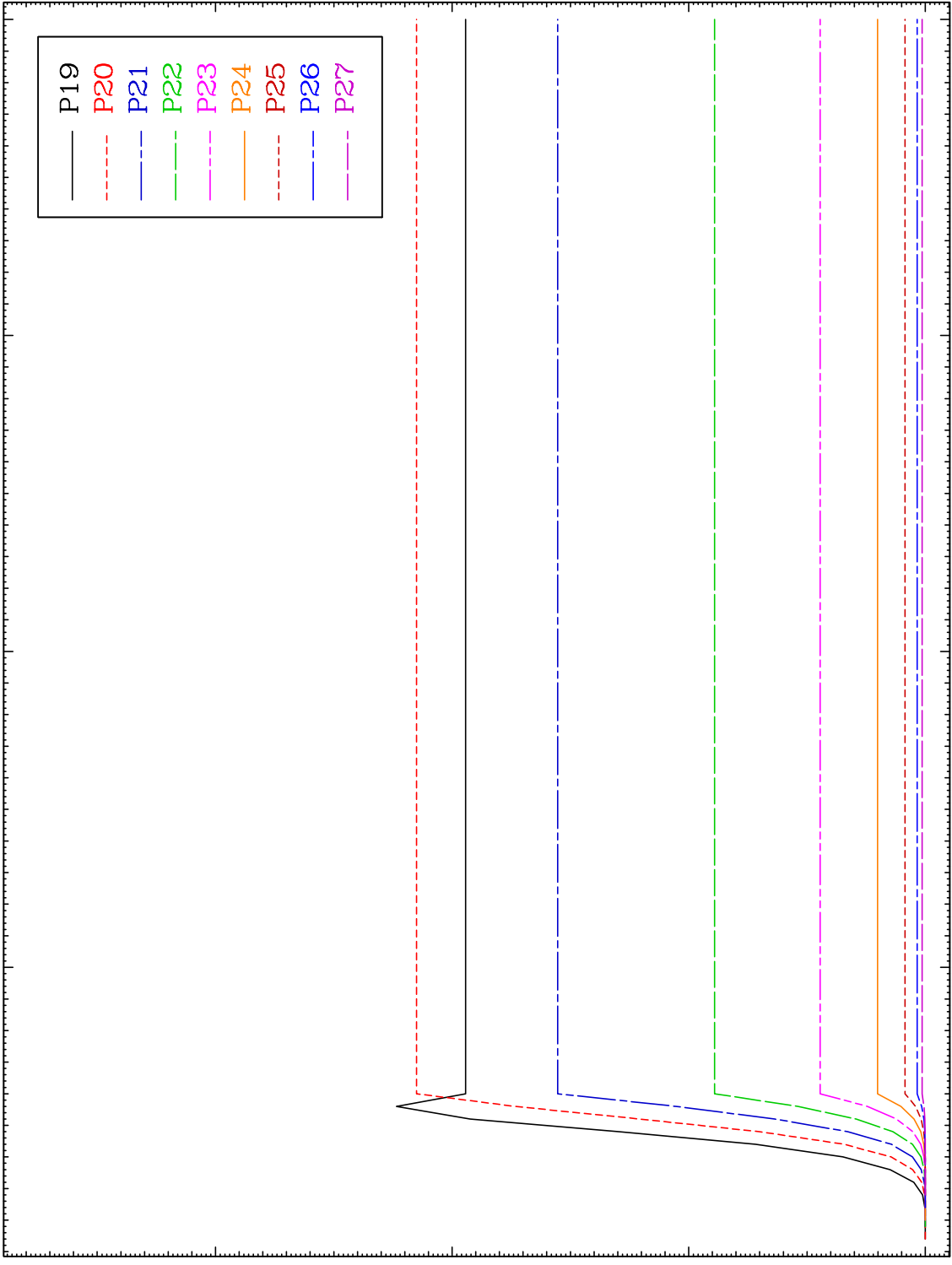
100

50

26

Incident Energy (MeV)

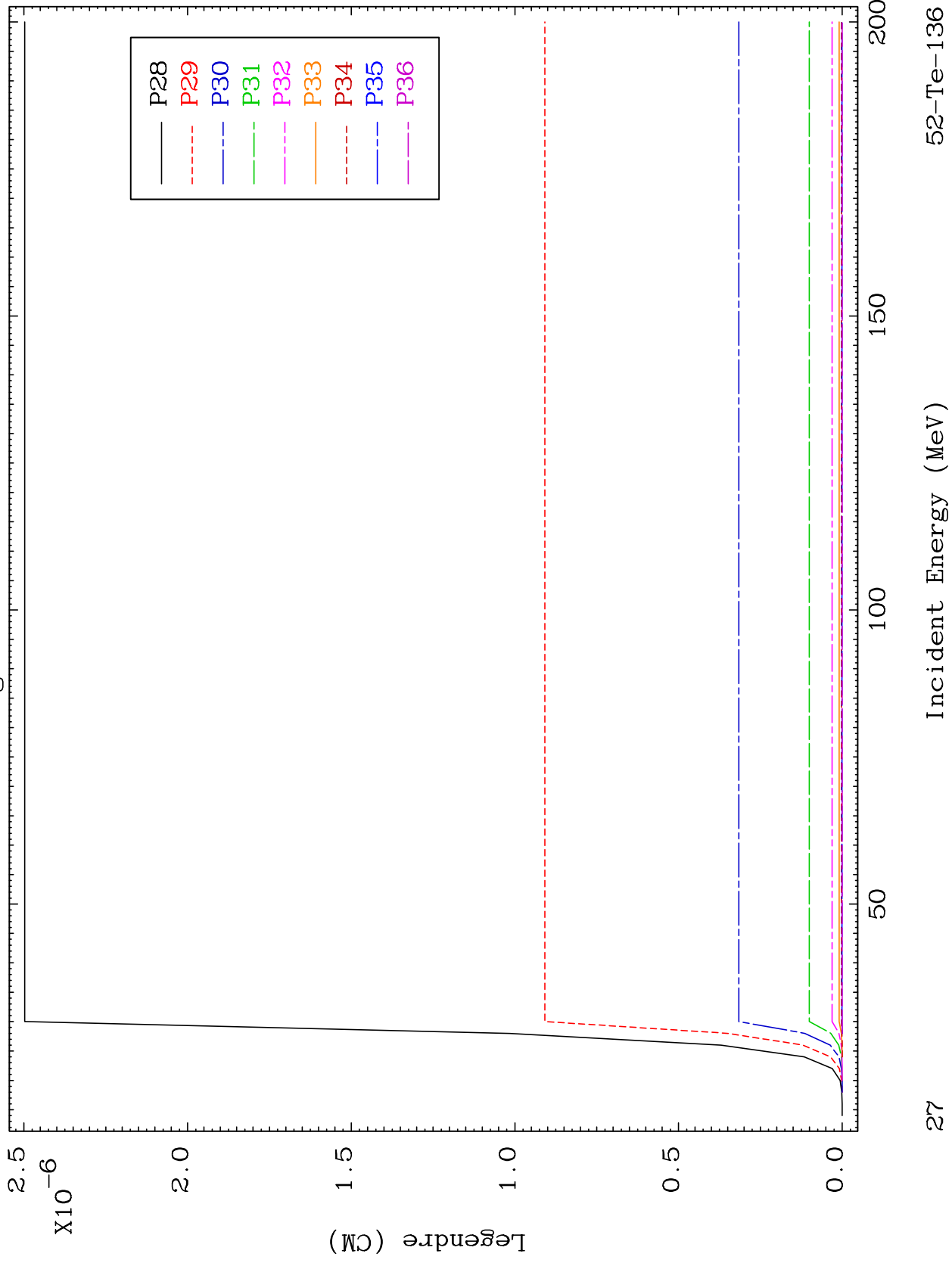
52-Te-136



MAT 5273

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

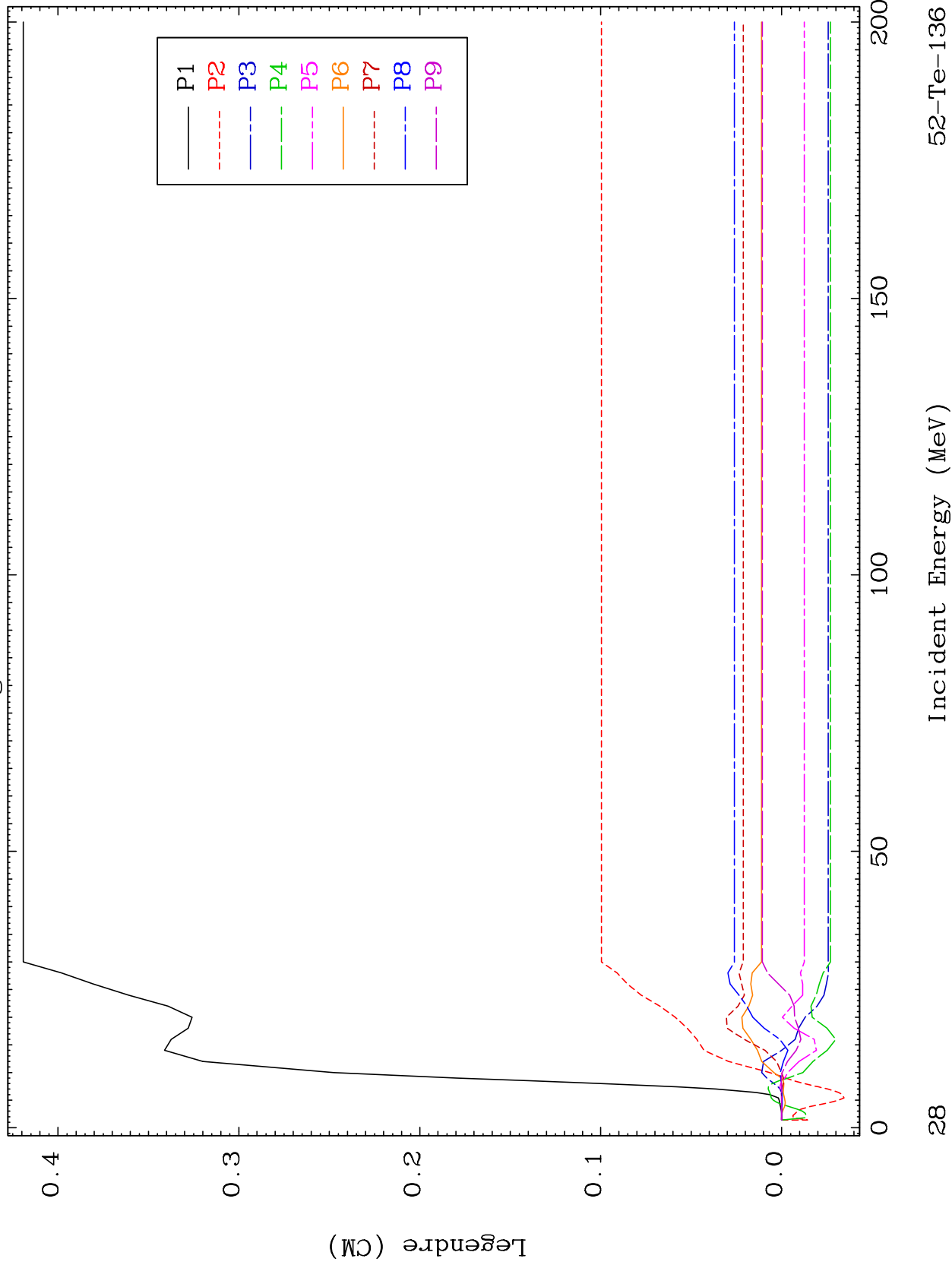
52-Te-136



MAT 5273

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

52-Te-136



52-Te-136

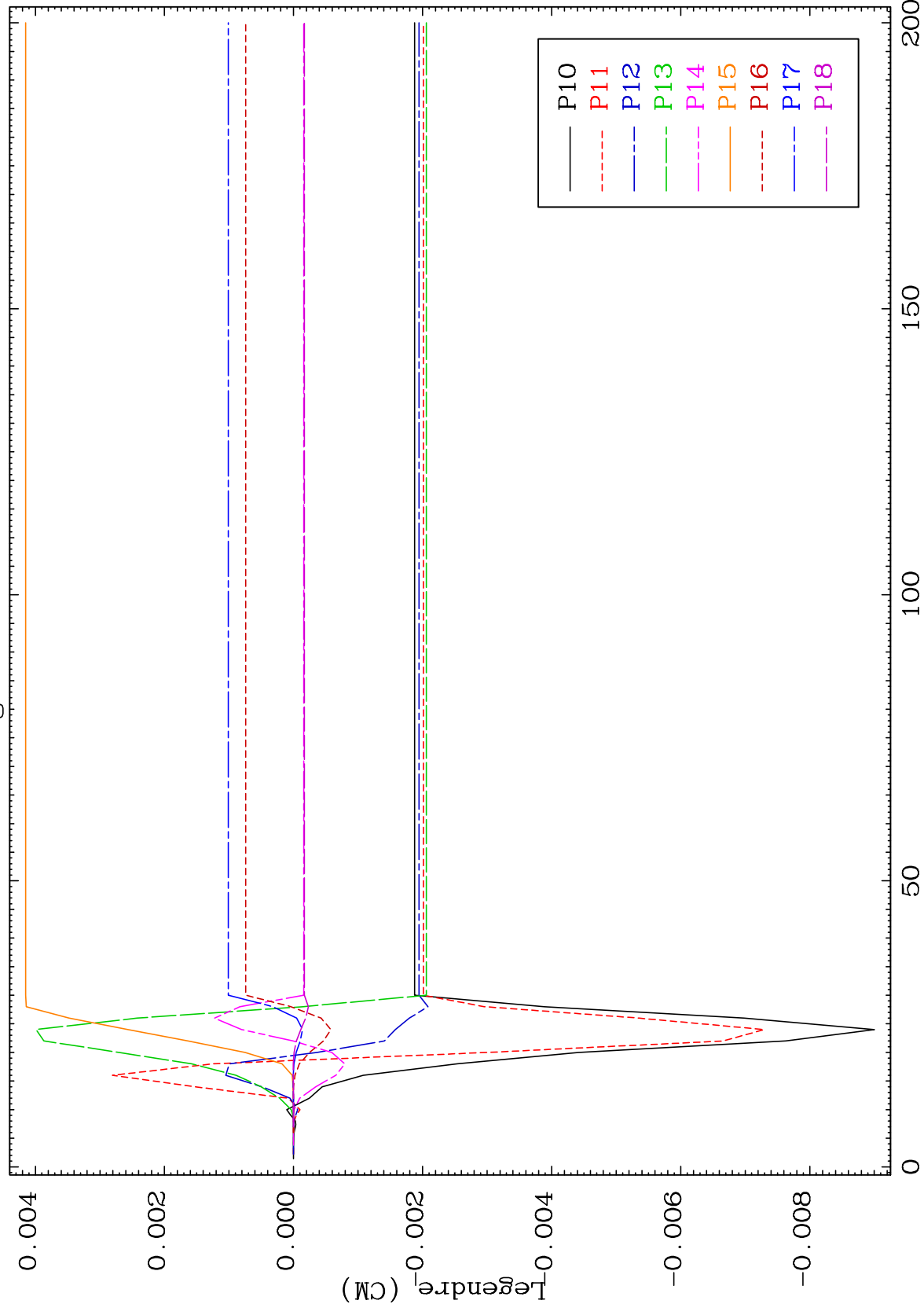
Incident Energy (MeV)

28

MAT 5273

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

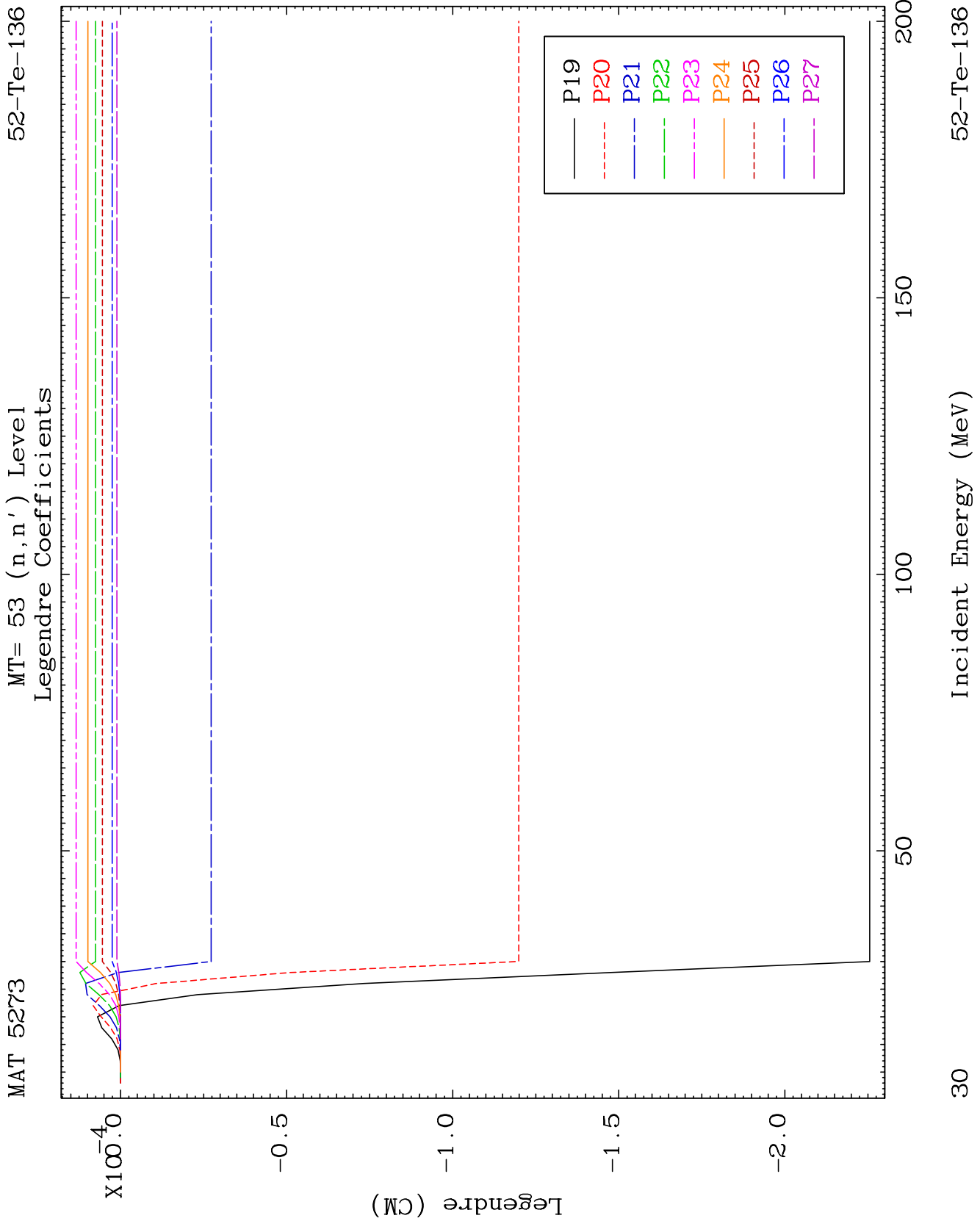
52-Te-136



29

Incident Energy (MeV)

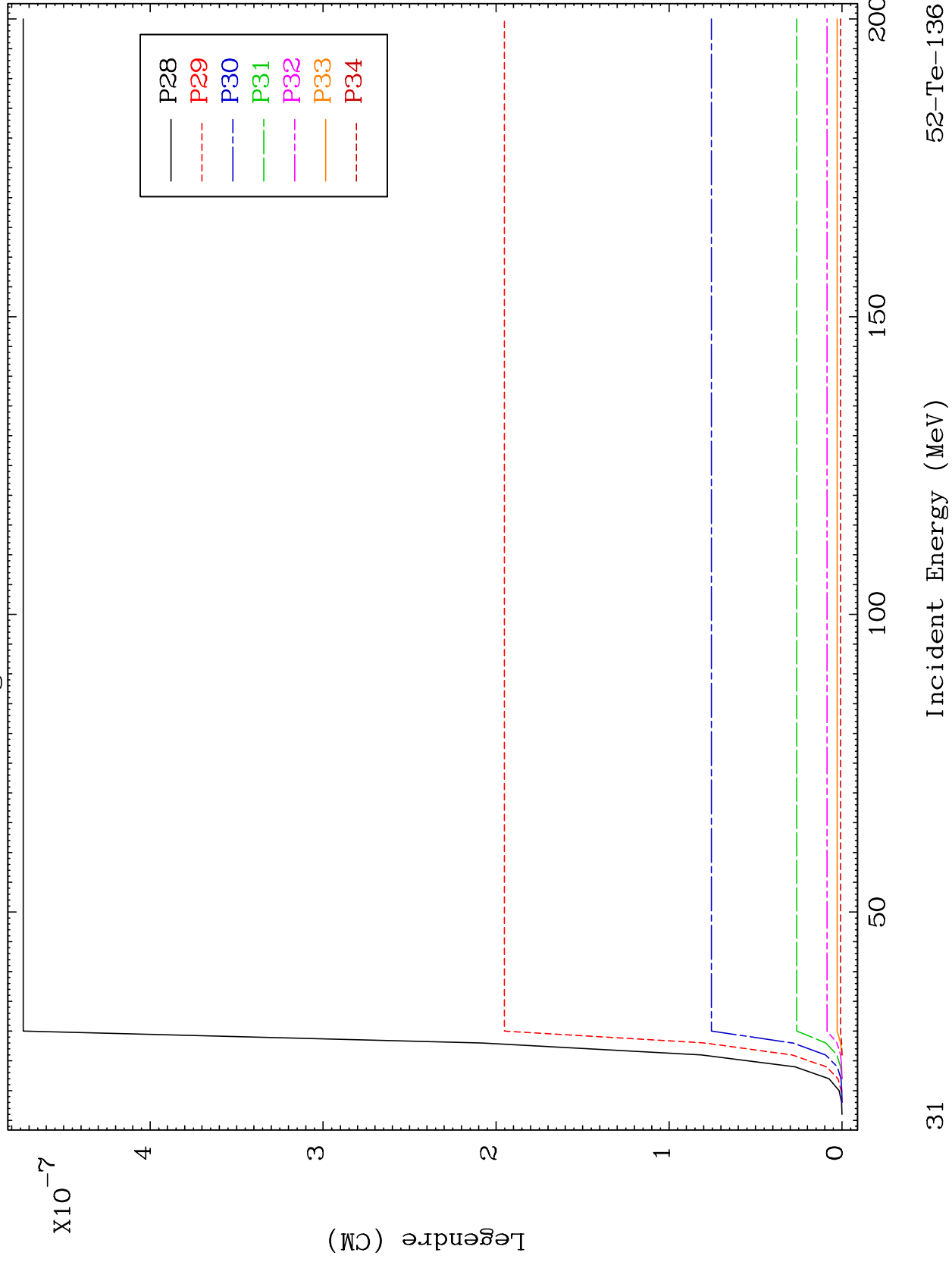
52-Te-136



MAT 5273

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

52-Te-136



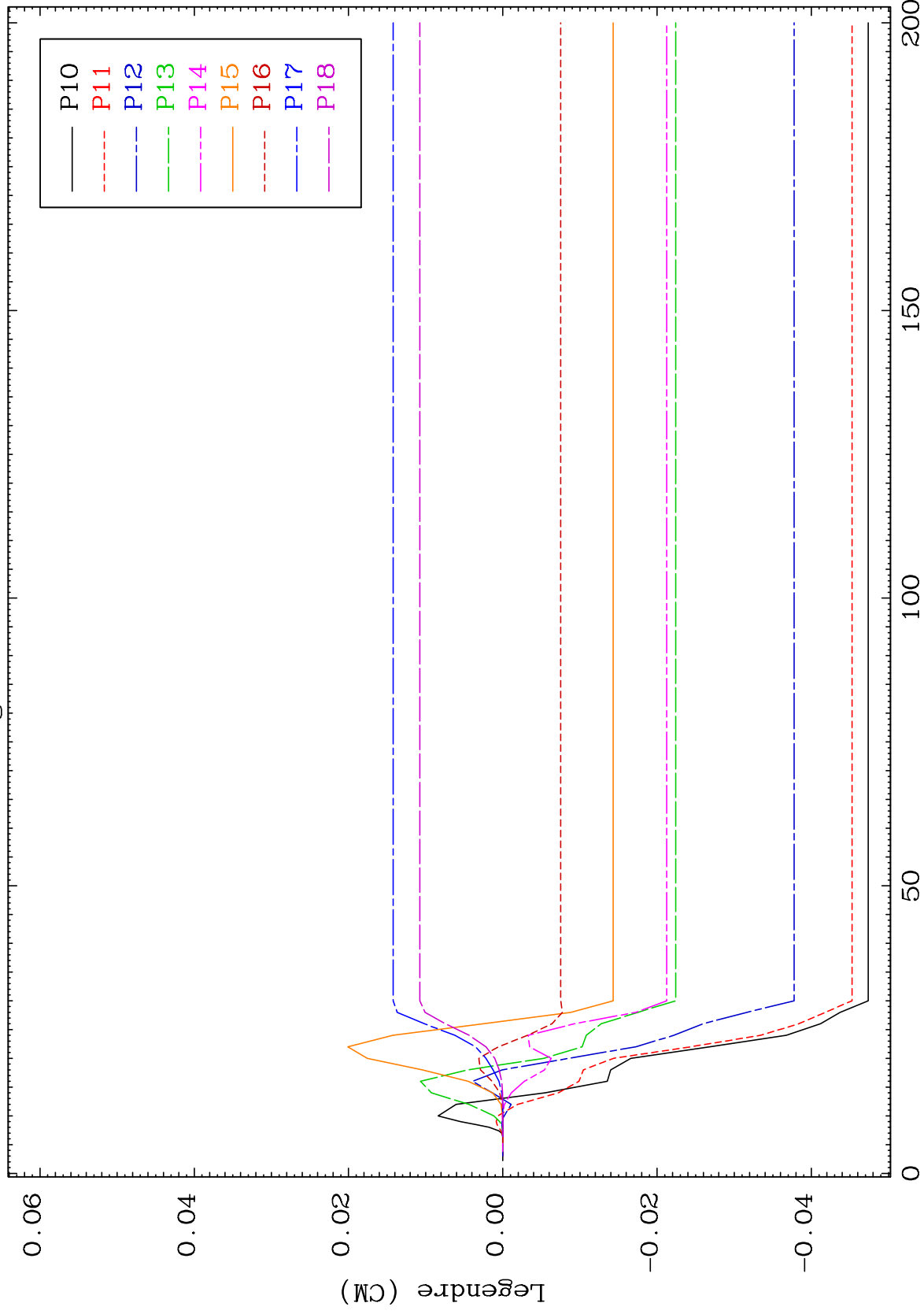




MAT 5273

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

52-Te-136



33

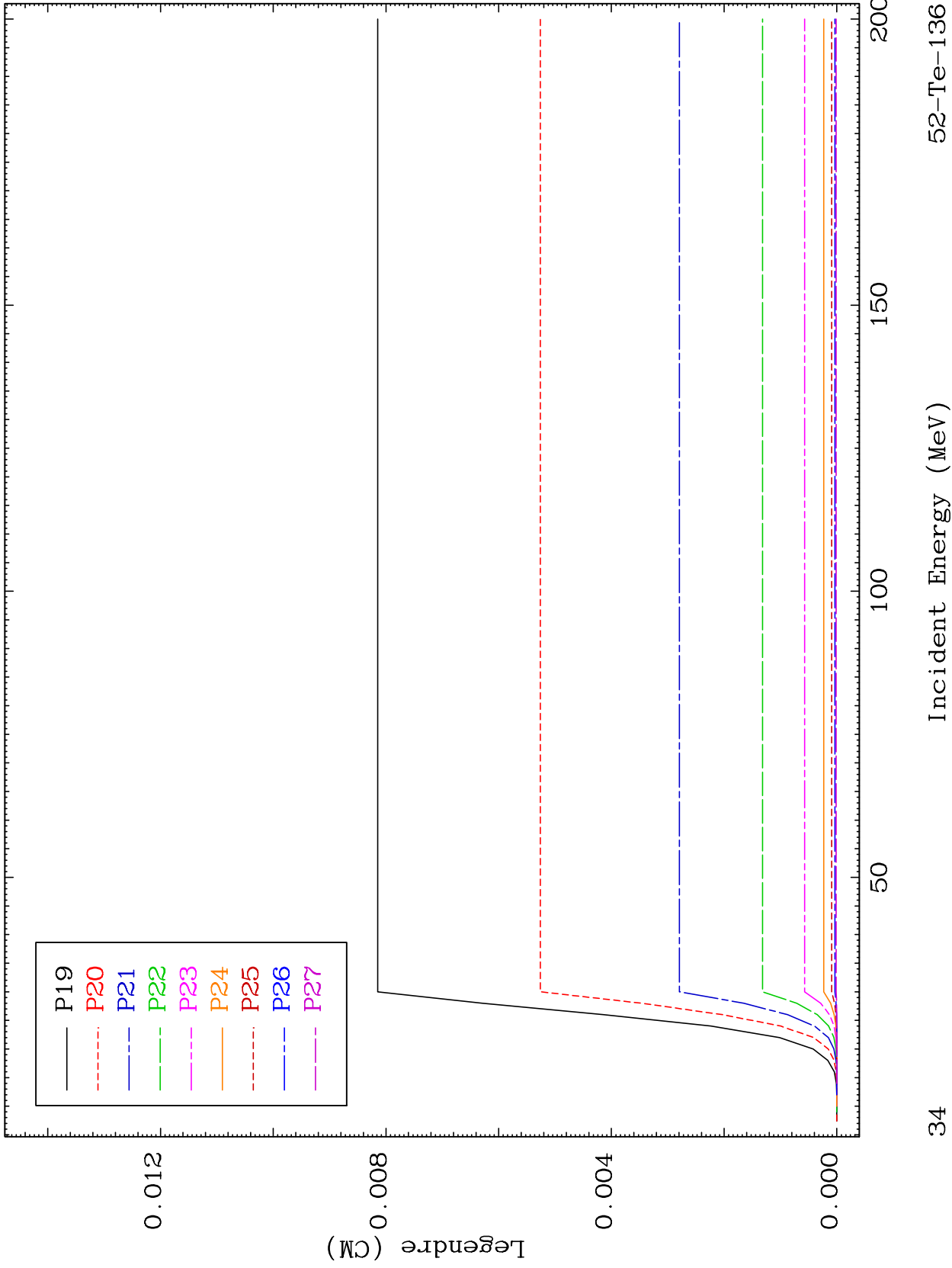
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



34

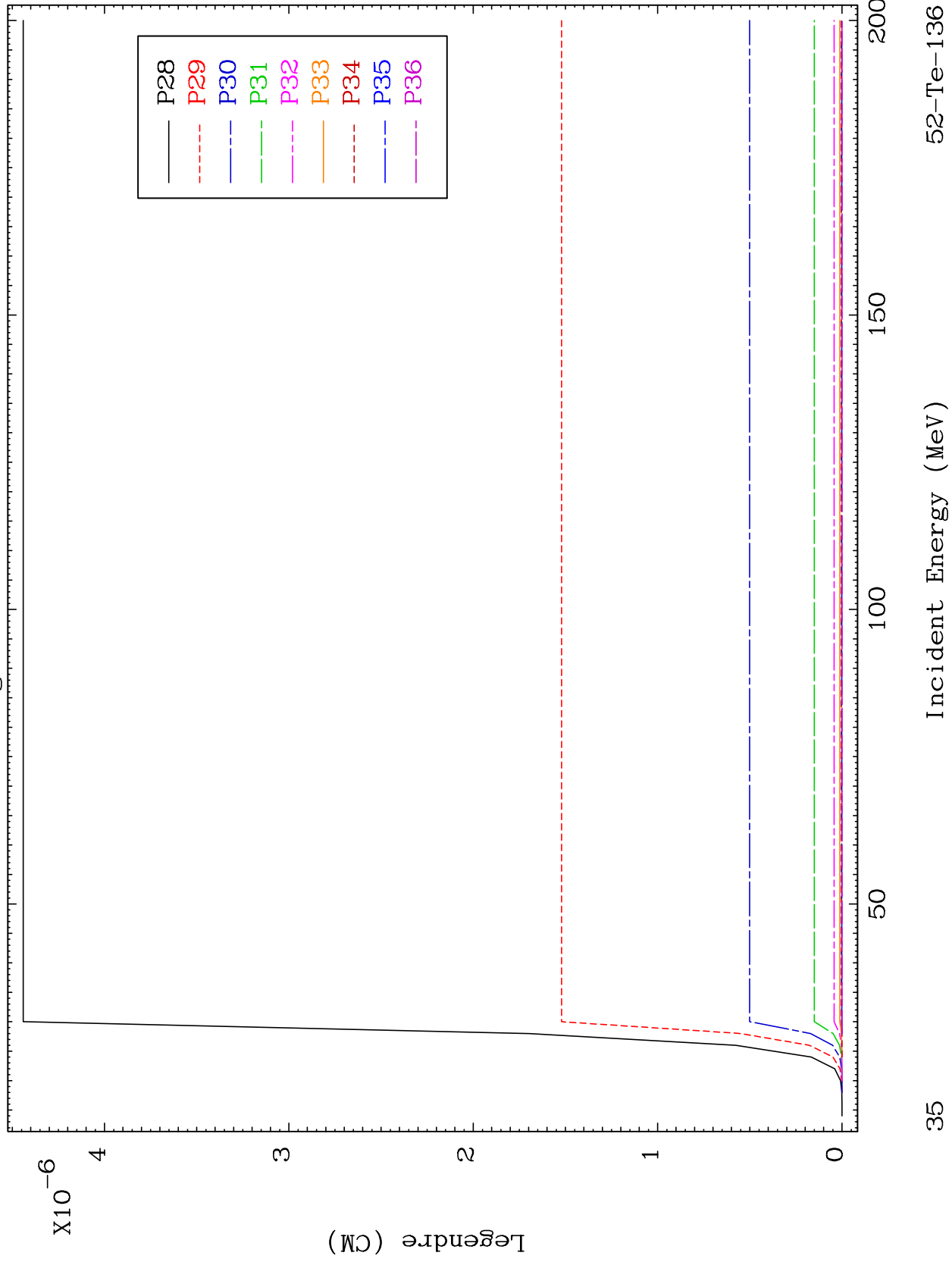
Incident Energy (MeV)

52-Te-136

MAT 5273

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

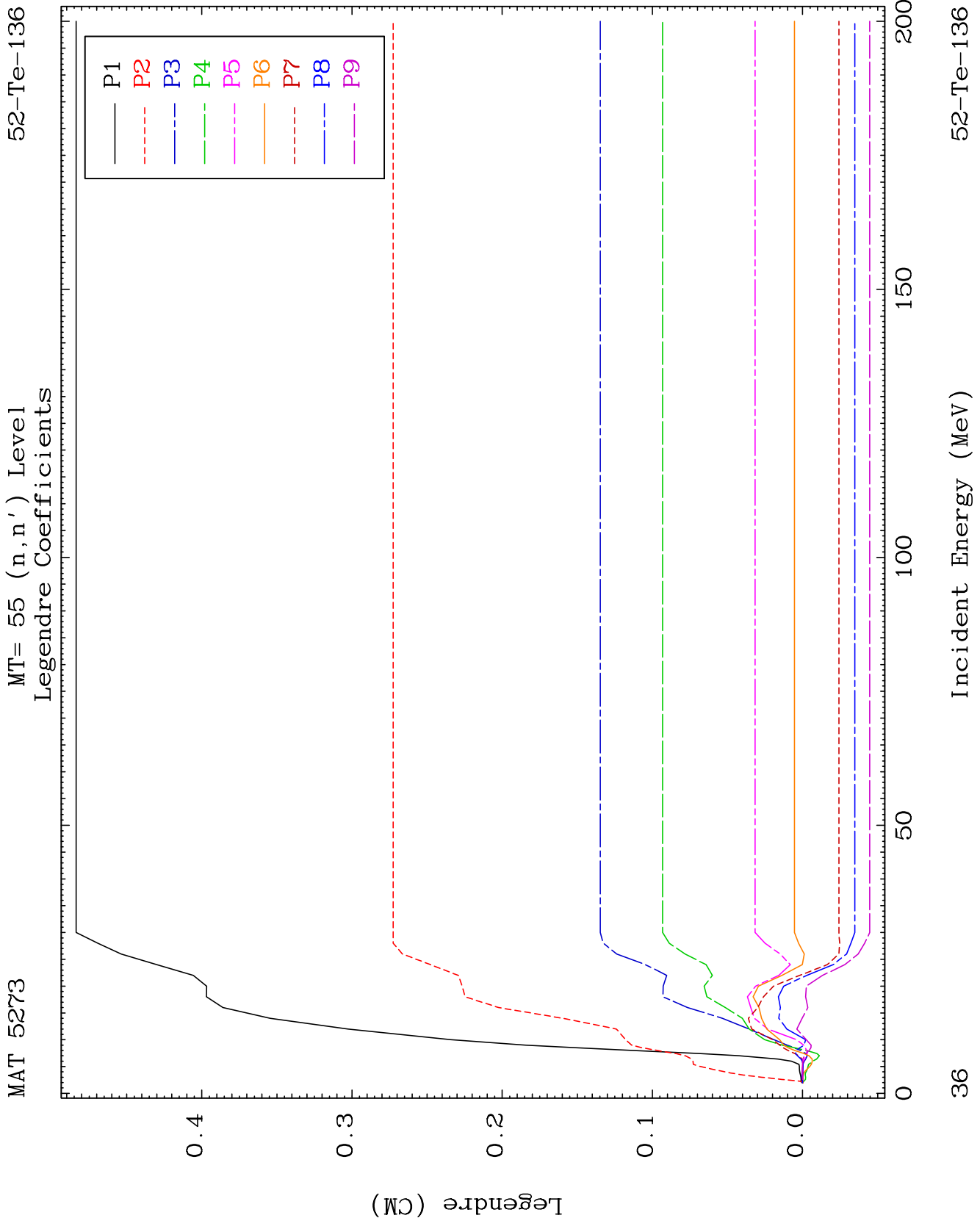
52-Te-136



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Incident Energy (MeV)

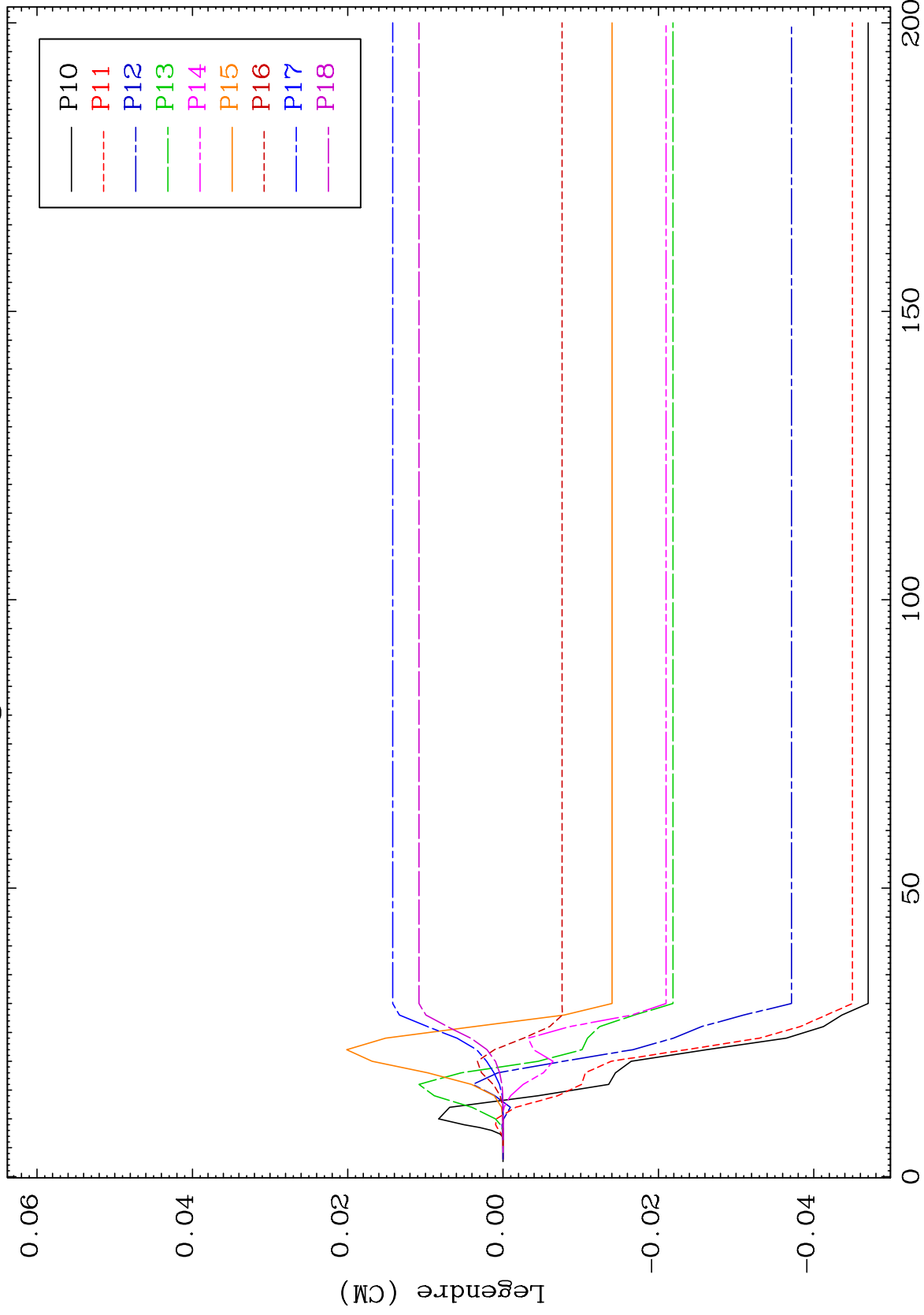
52-Te-136



MAT 5273

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

52-Te-136



37

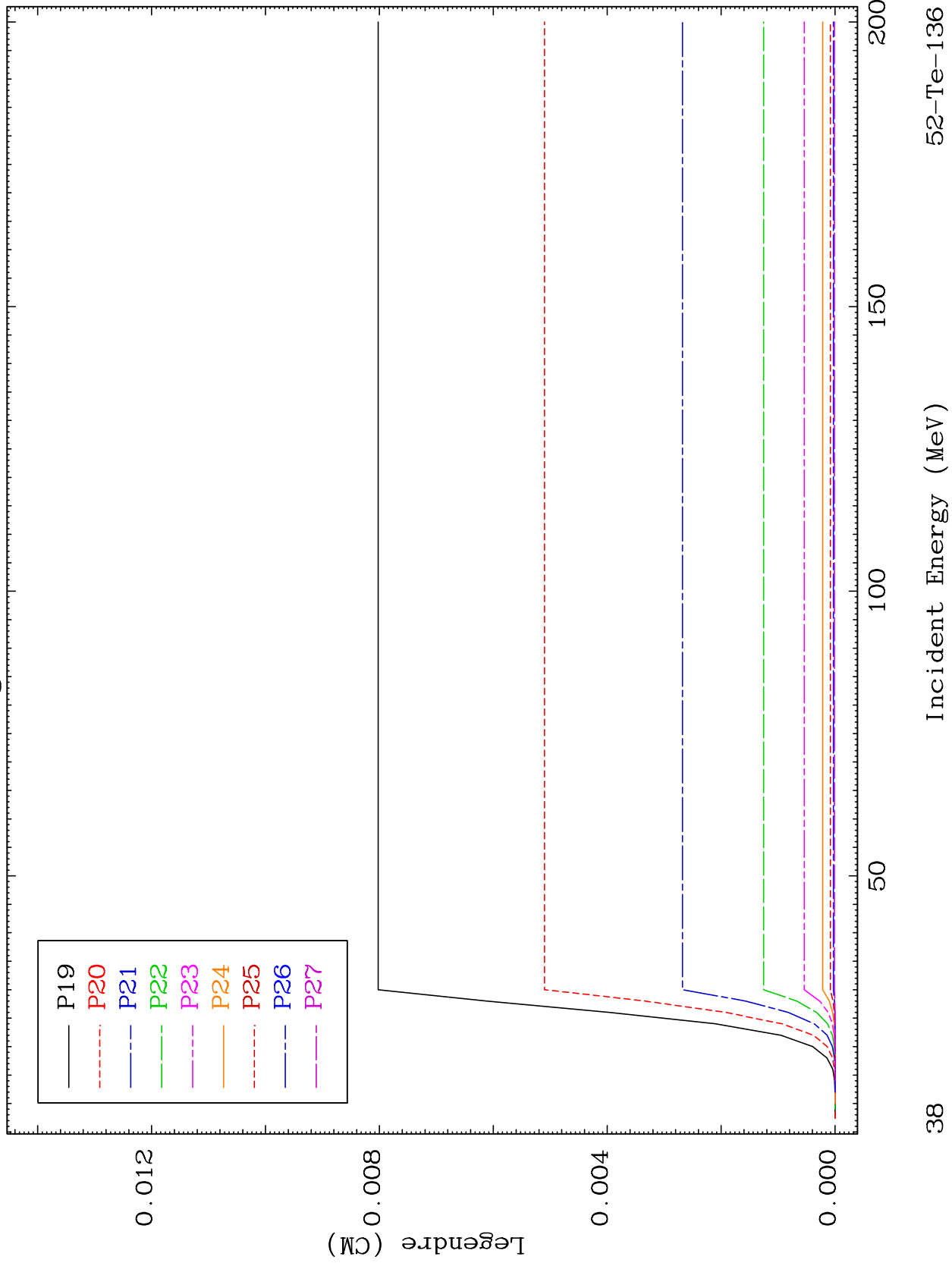
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



38

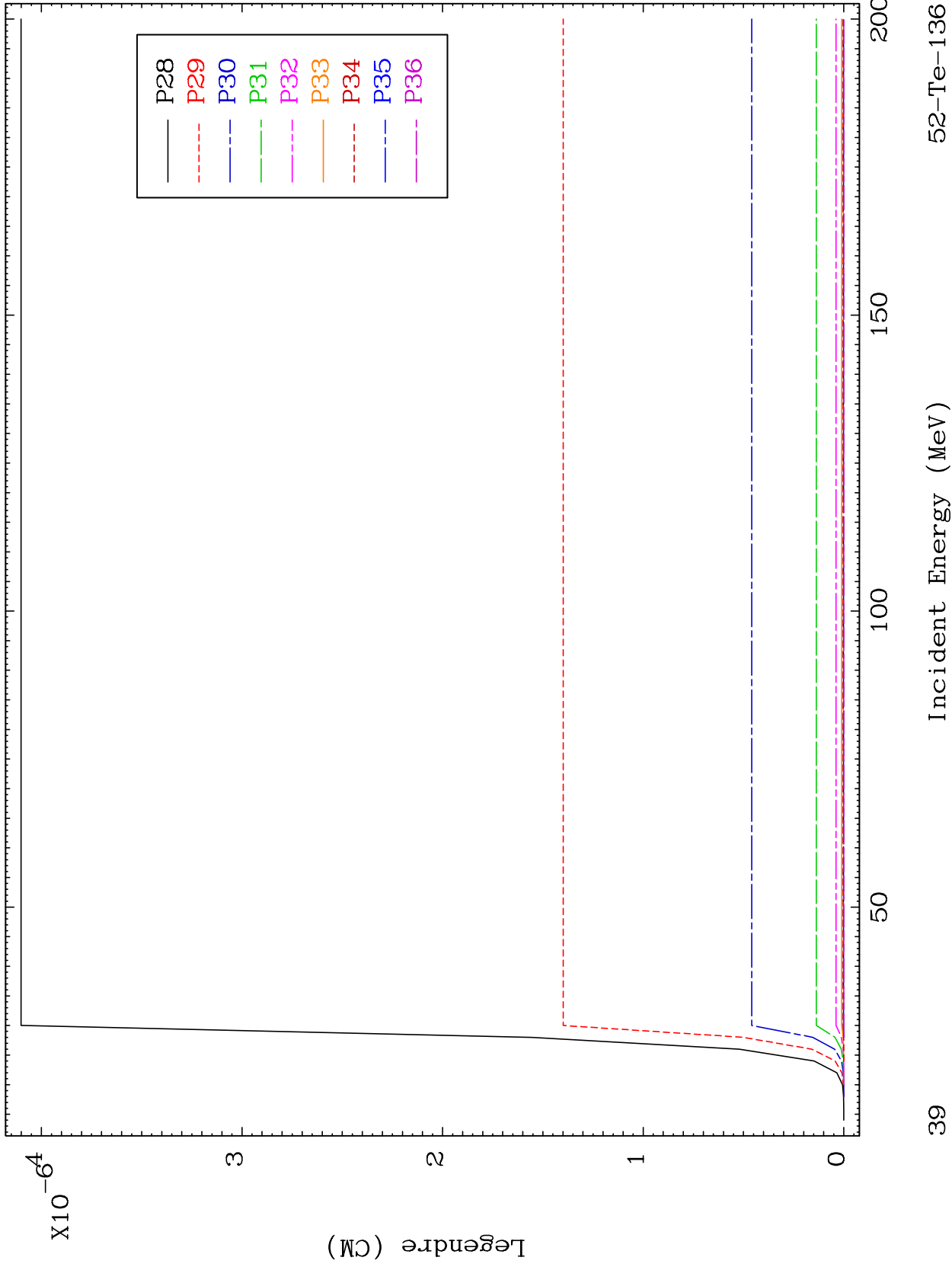
Incident Energy (MeV)

52-Te-136

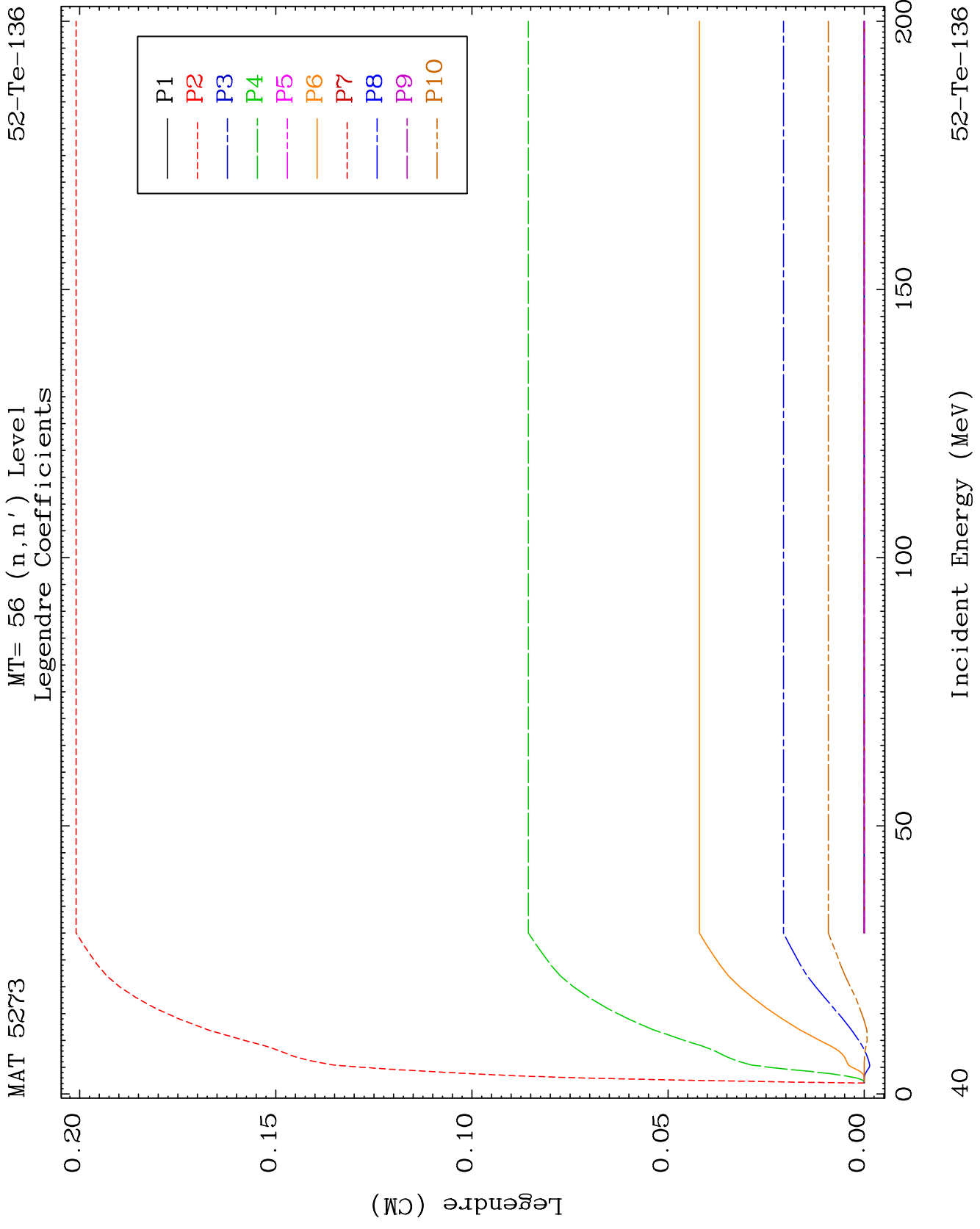
MAT 5273

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

52-Te-136



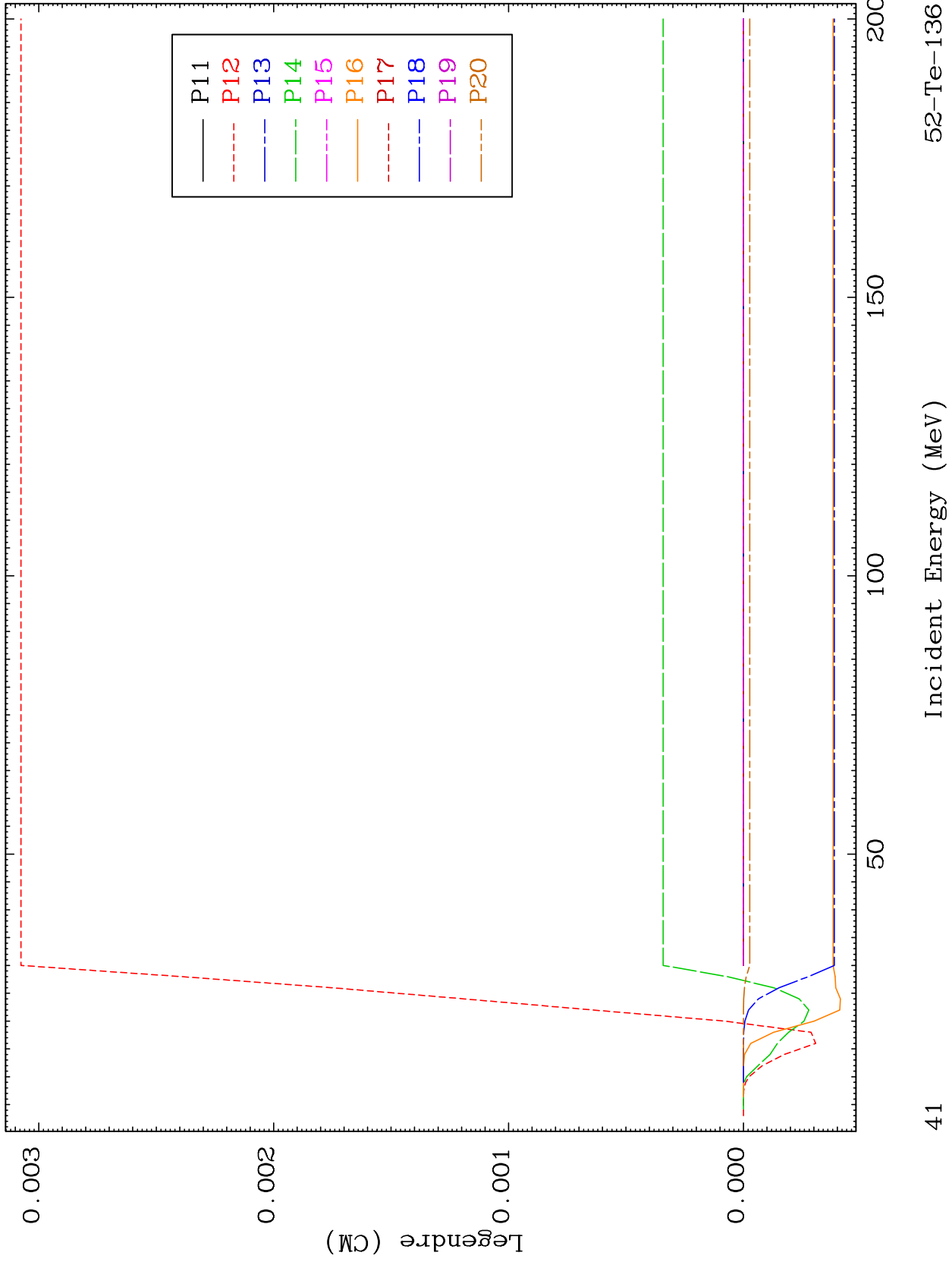




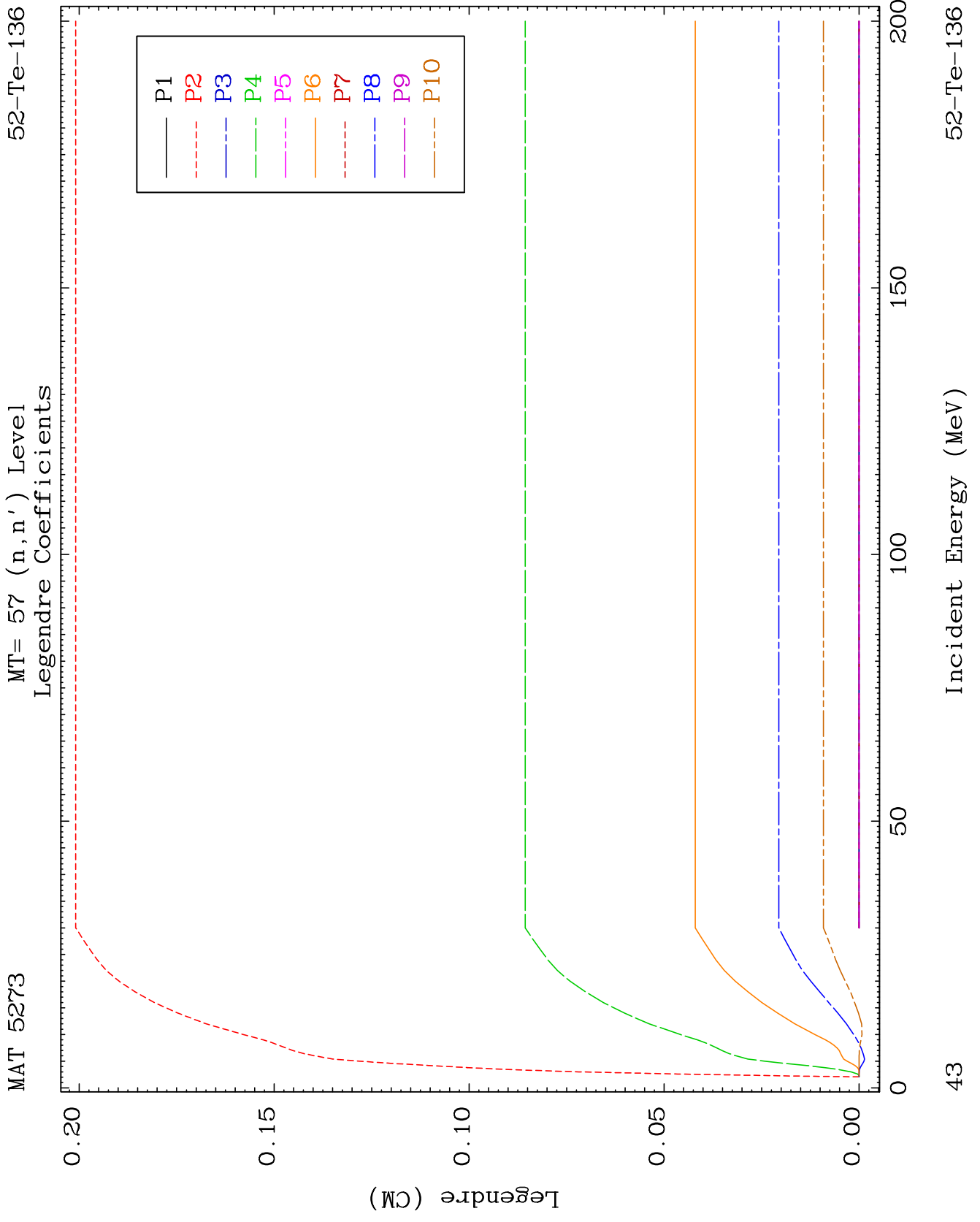
MAT 5273

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

52-Te-136



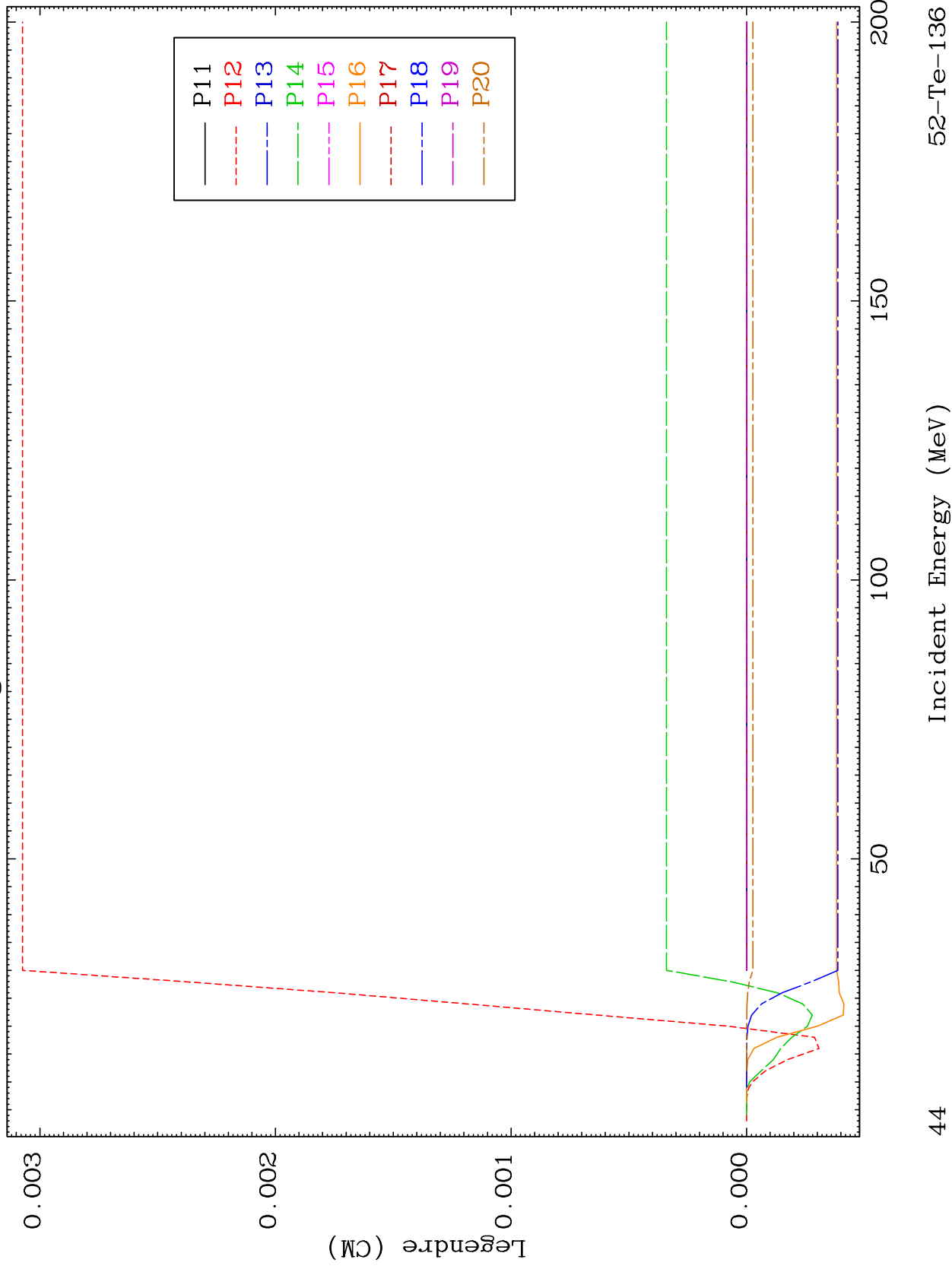




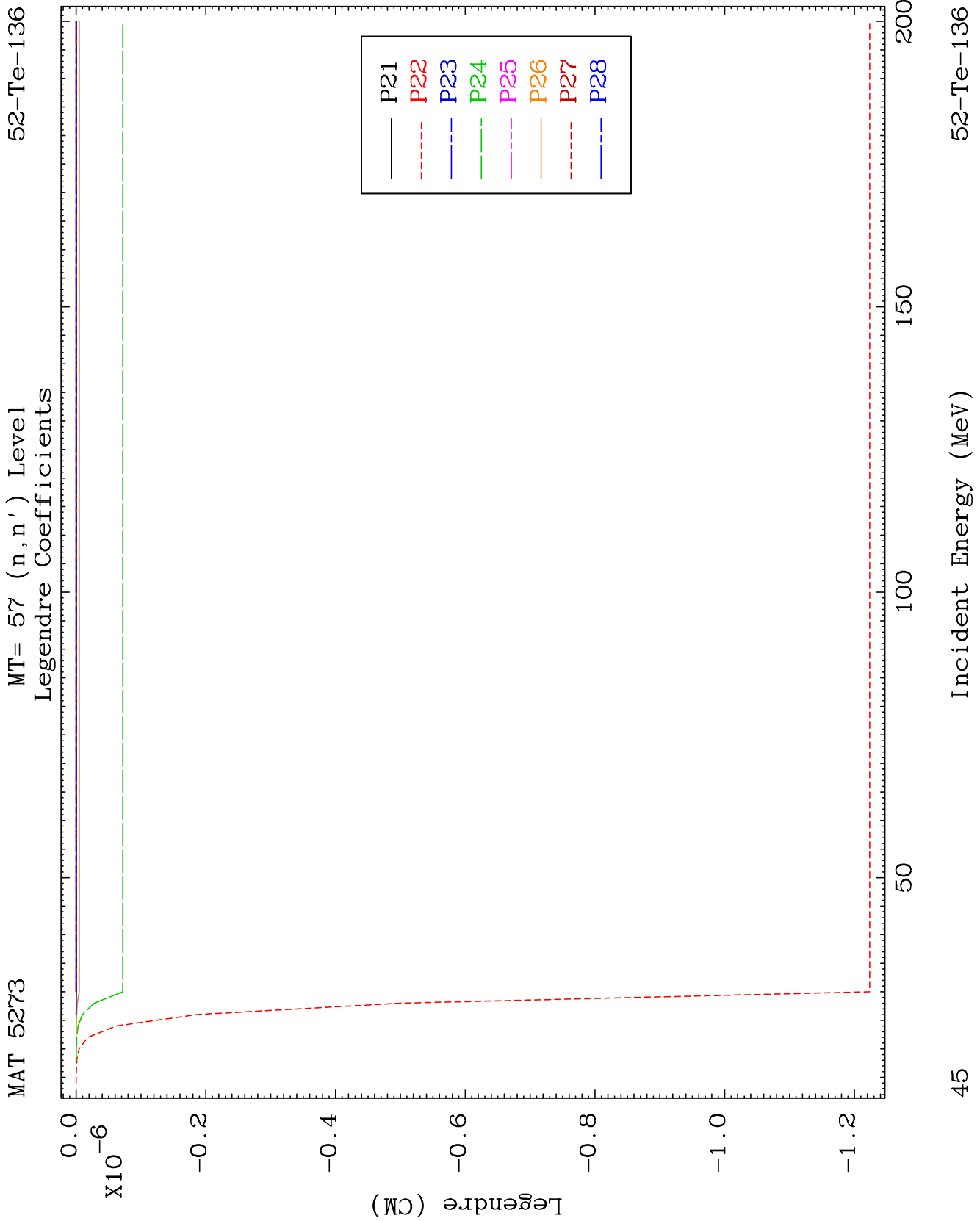
MAT 5273

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

52-Te-136



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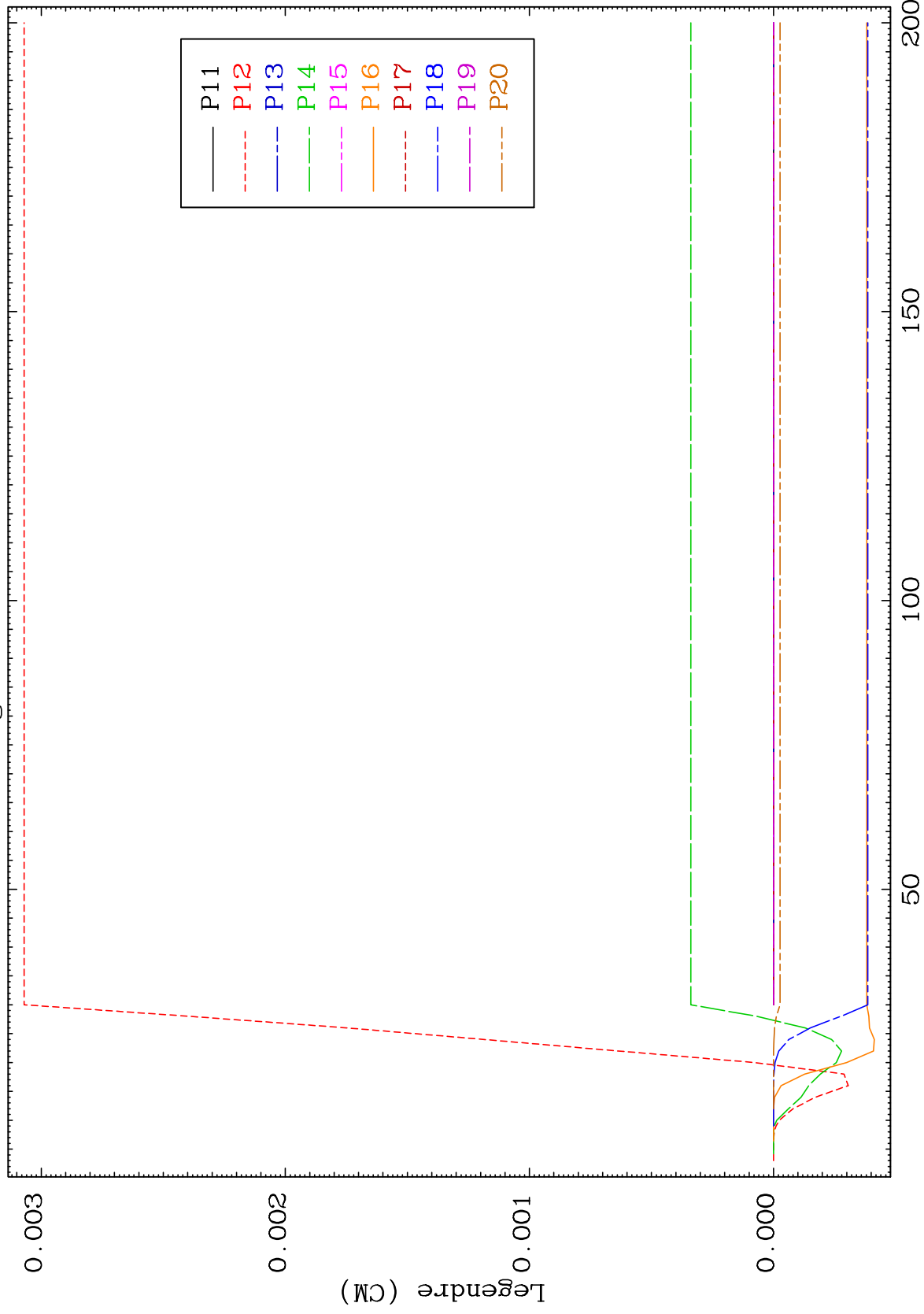




MAT 5273

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

52-Te-136

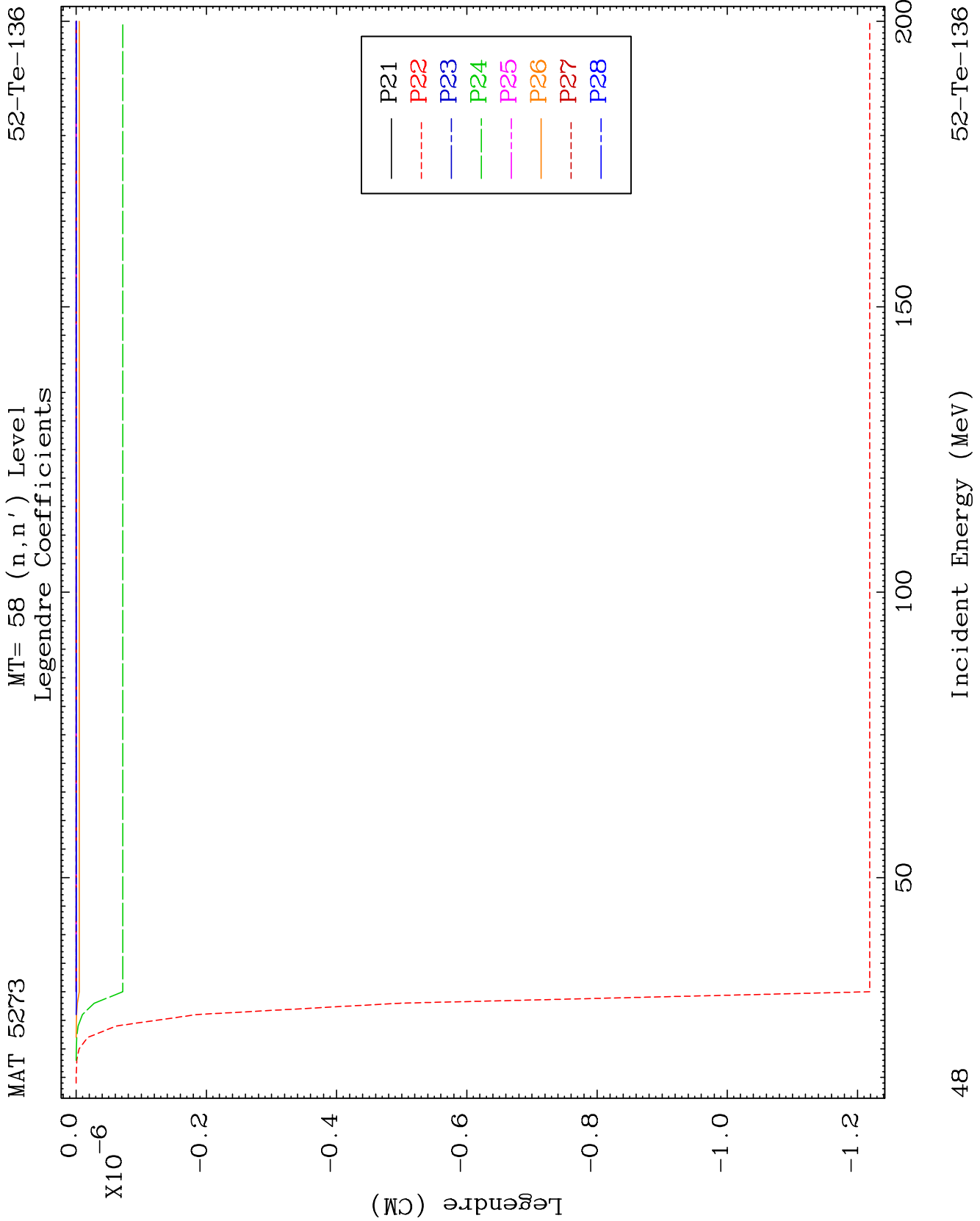


47

Incident Energy (MeV)

52-Te-136

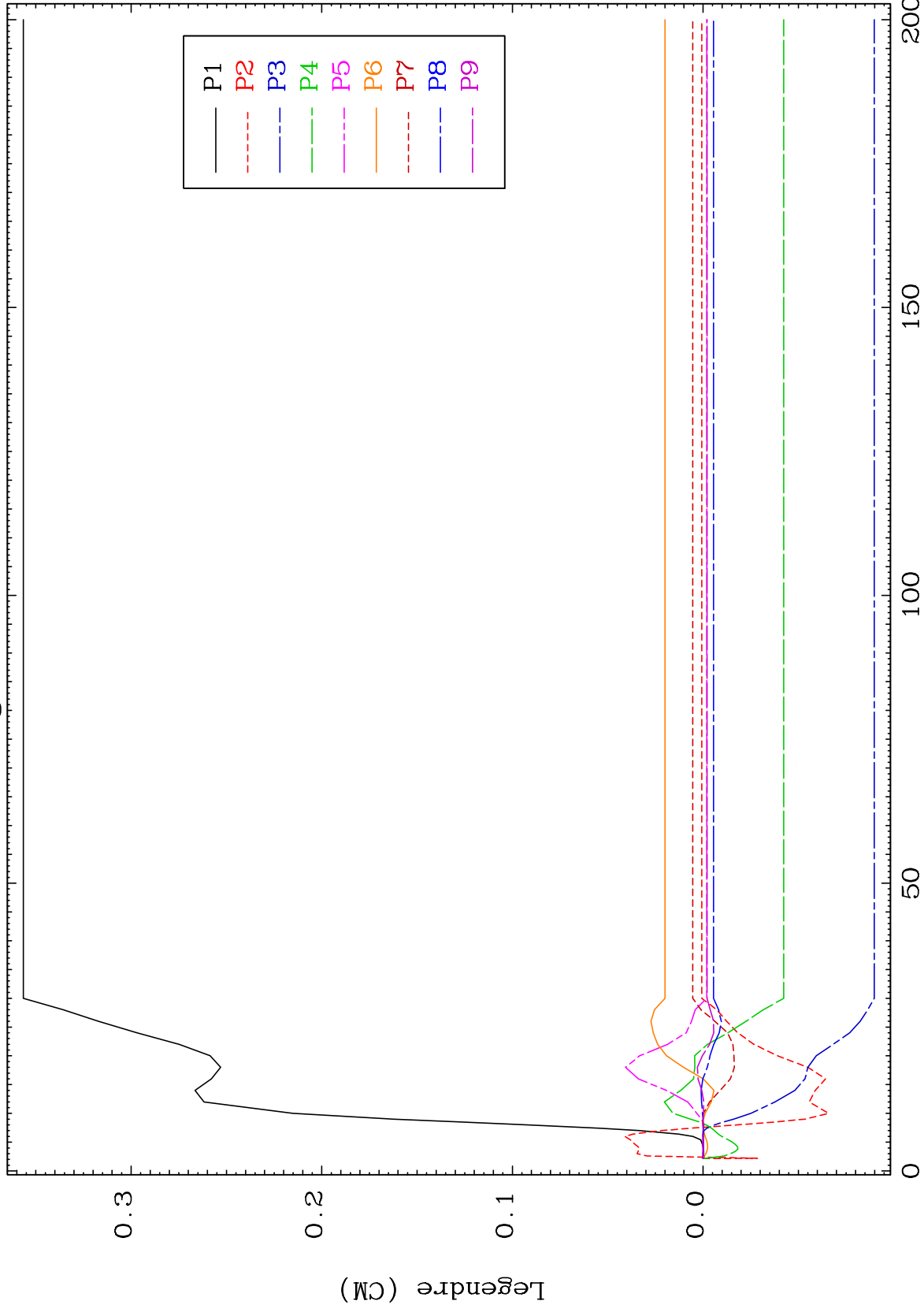




MAT 5273

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

52-Te-136



49

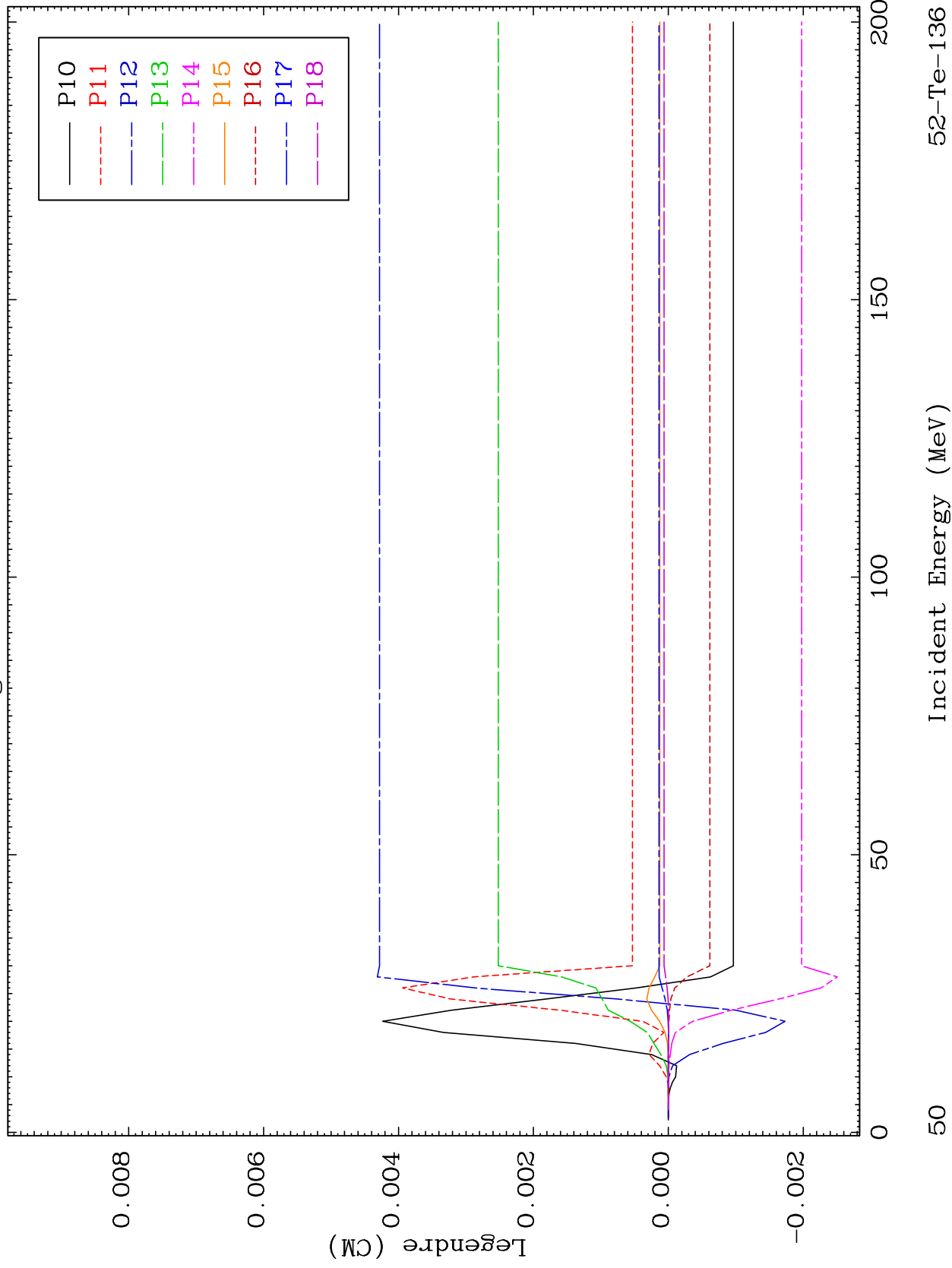
Incident Energy (MeV)

52-Te-136

MAT 5273

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

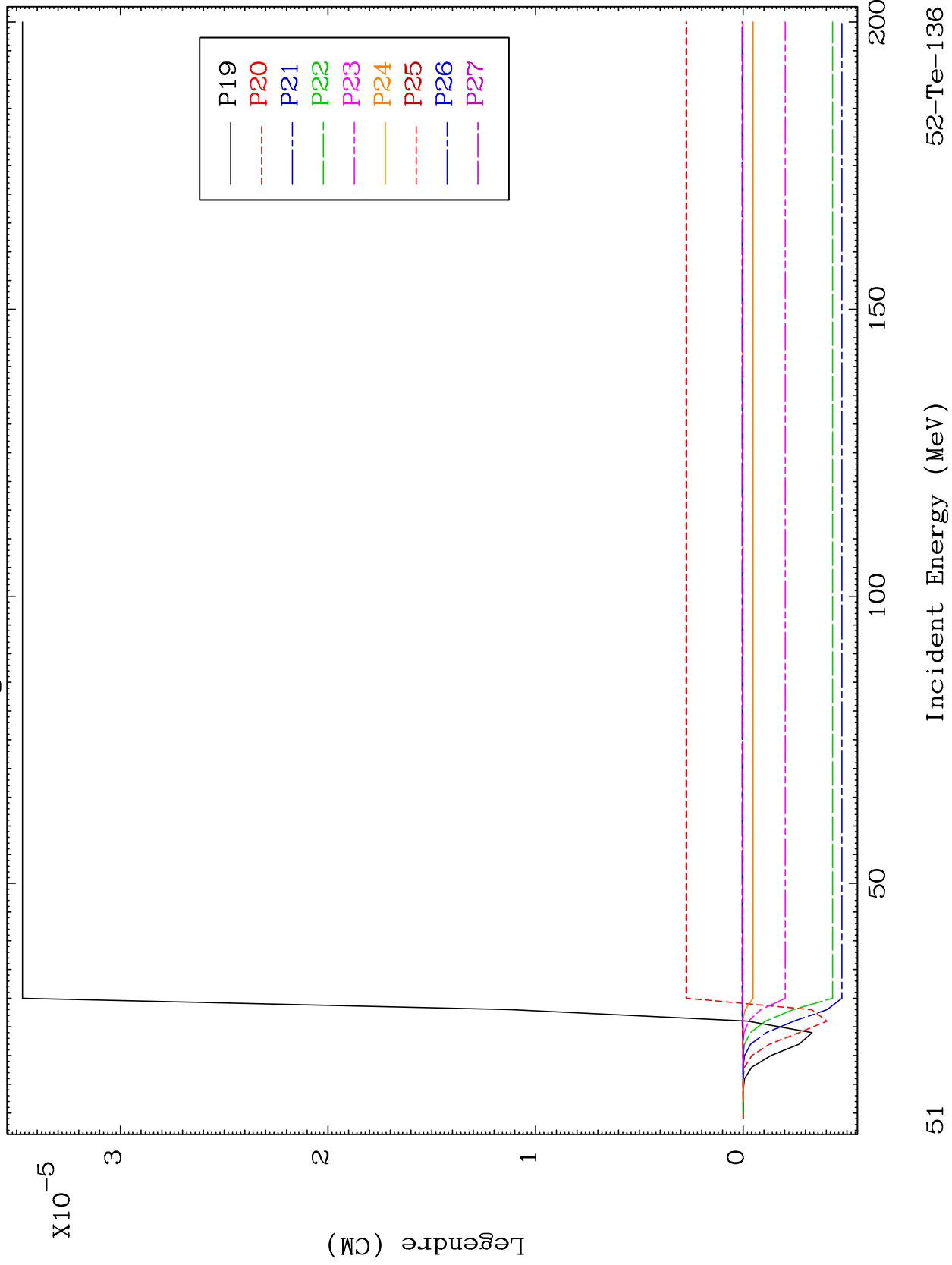
52-Te-136



MAT 5273

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

52-Te-136



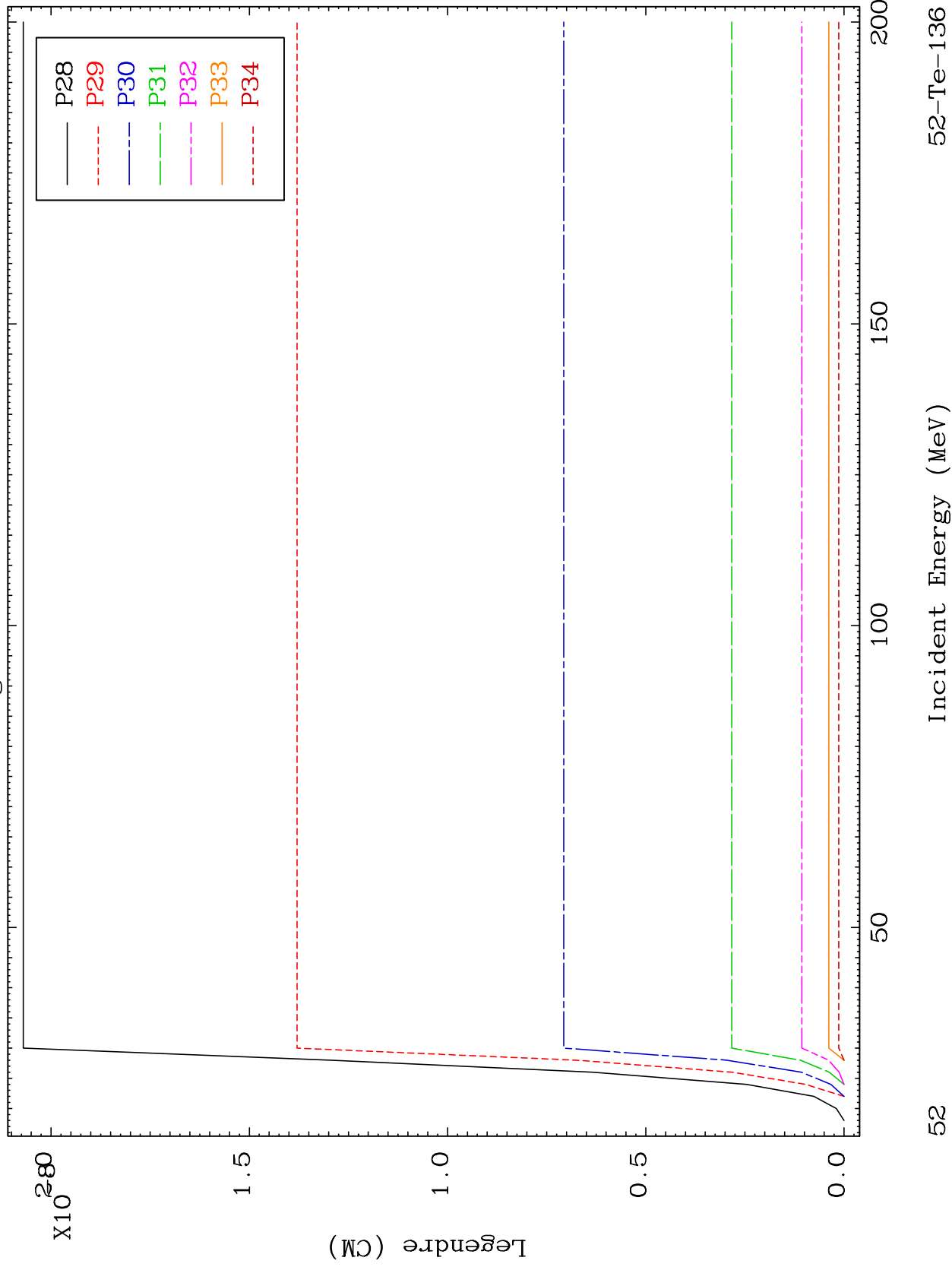
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52-Te-136

MAT 5273

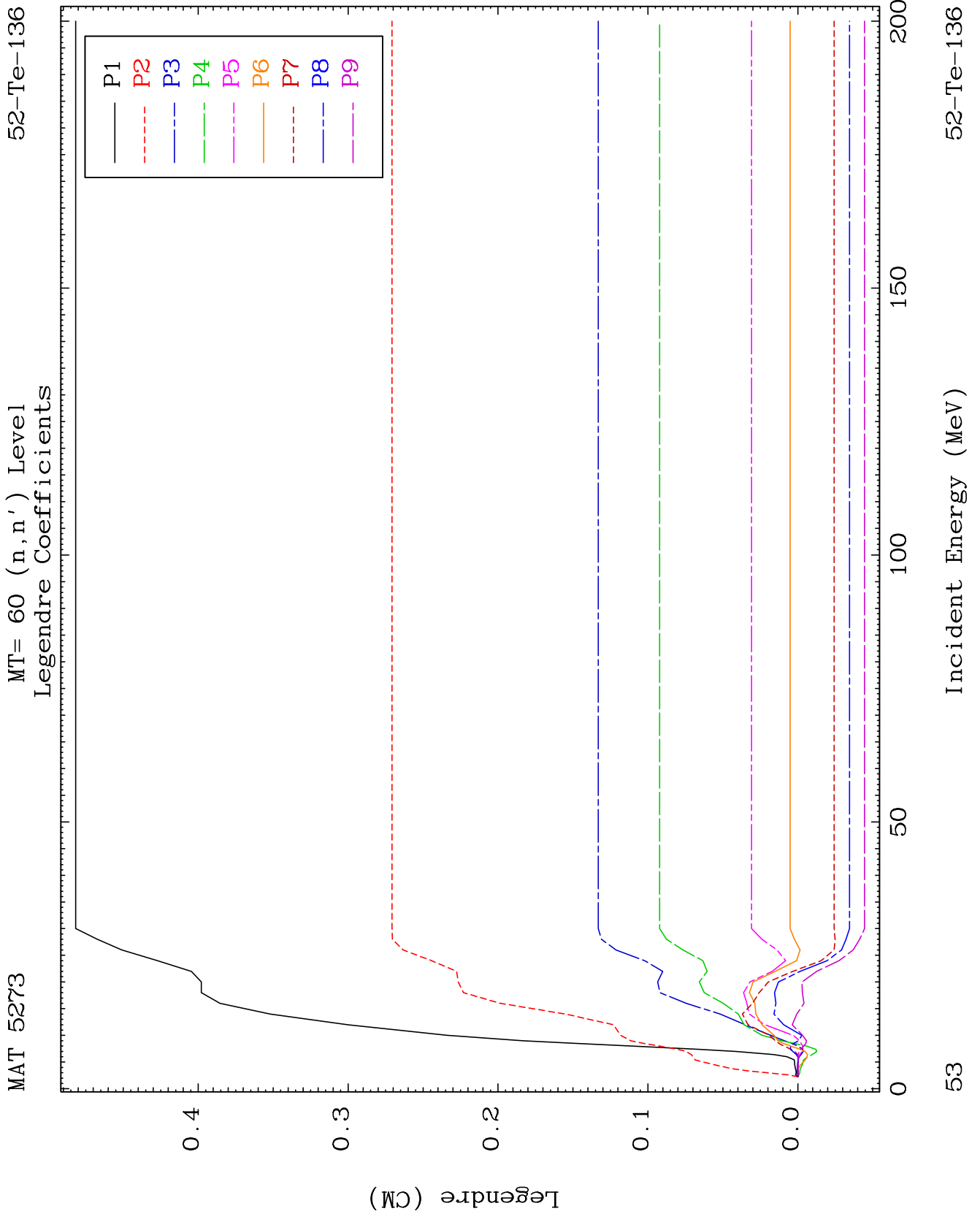
MT= 59 (n,n') Level  
Legendre Coefficients

52-Te-136



52

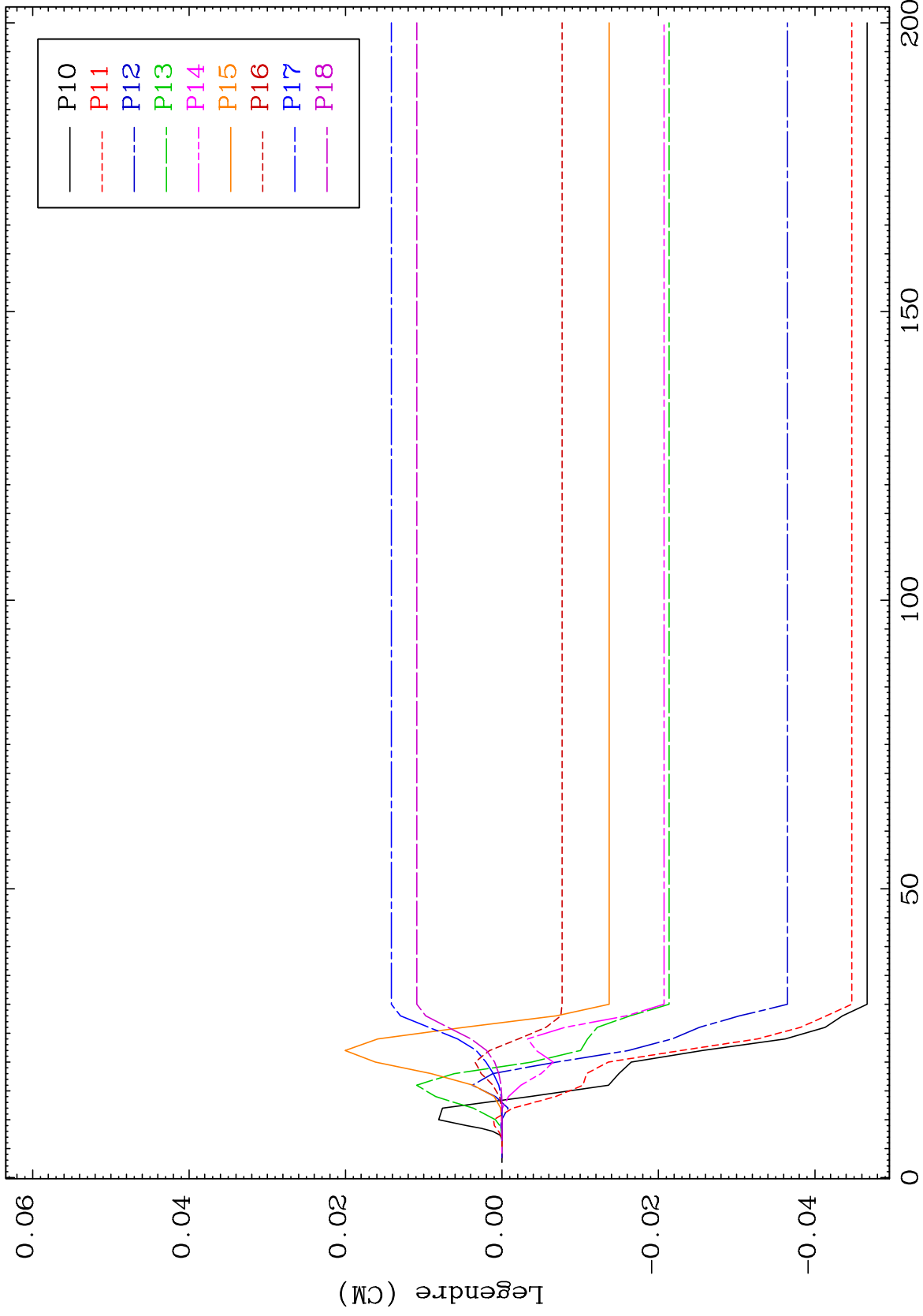
52-Te-136



MAT 5273

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

52-Te-136



54

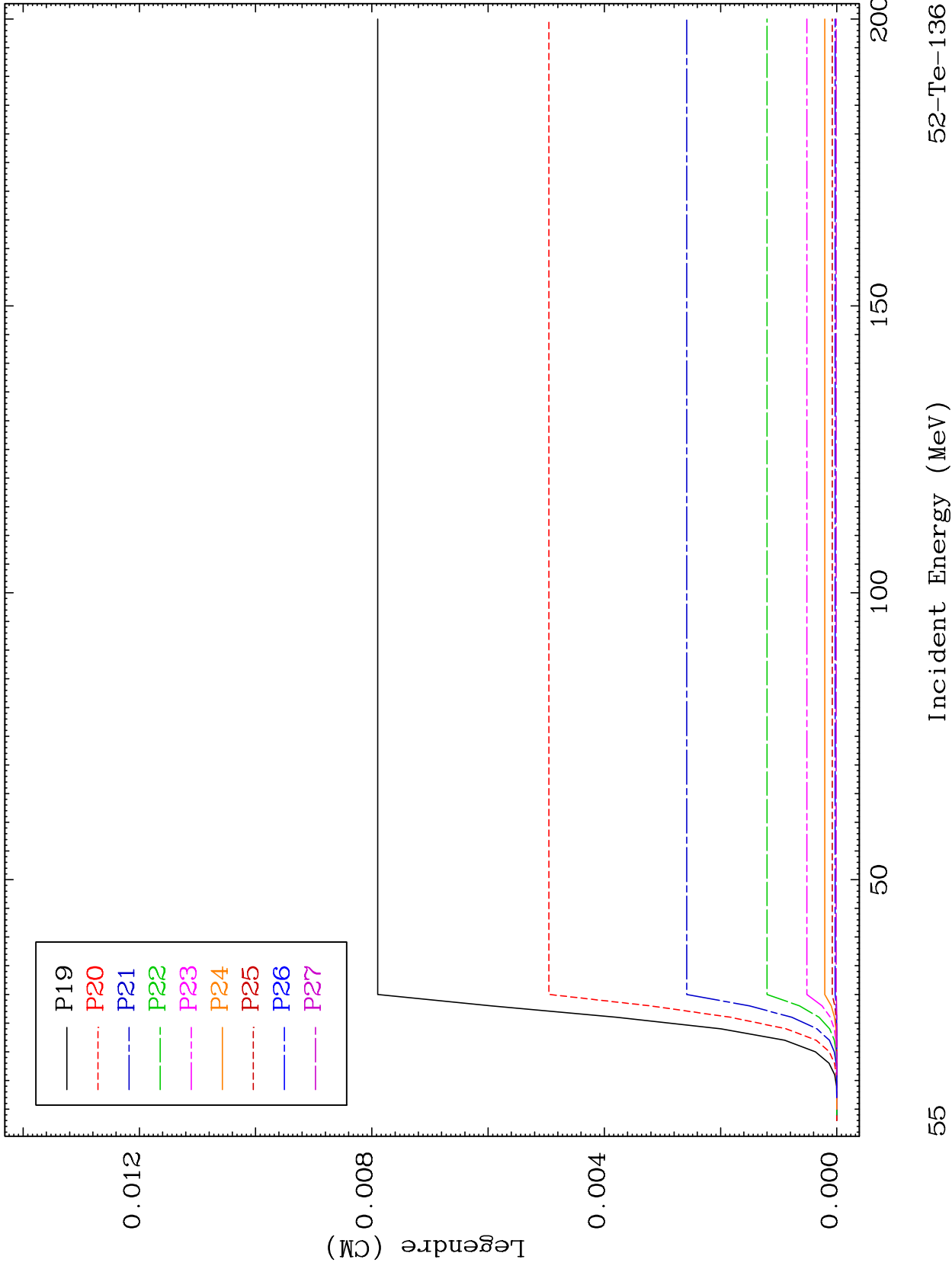
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



55

Incident Energy (MeV)

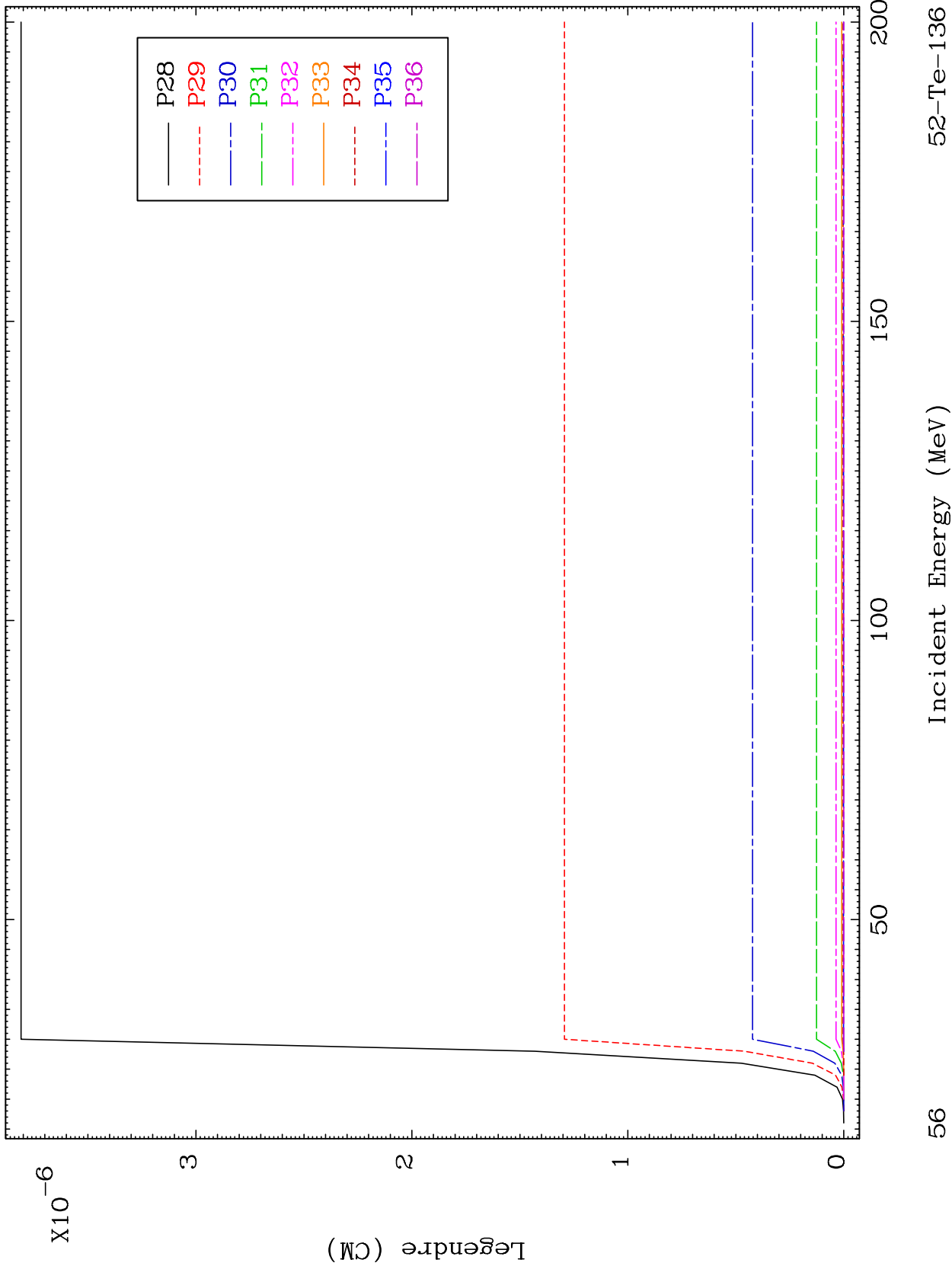
52-Te-136



MAT 5273

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

52-Te-136



56

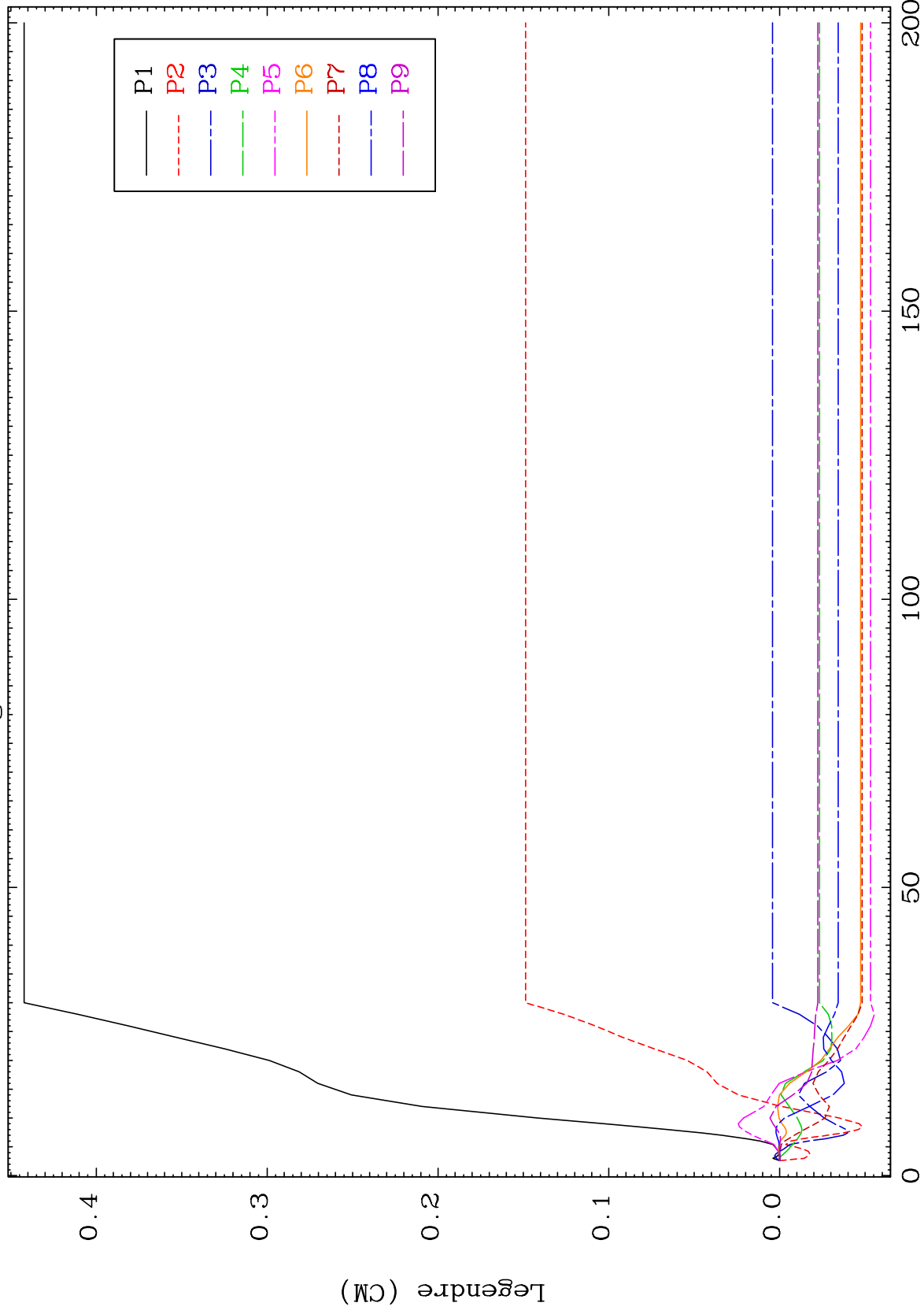
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



57

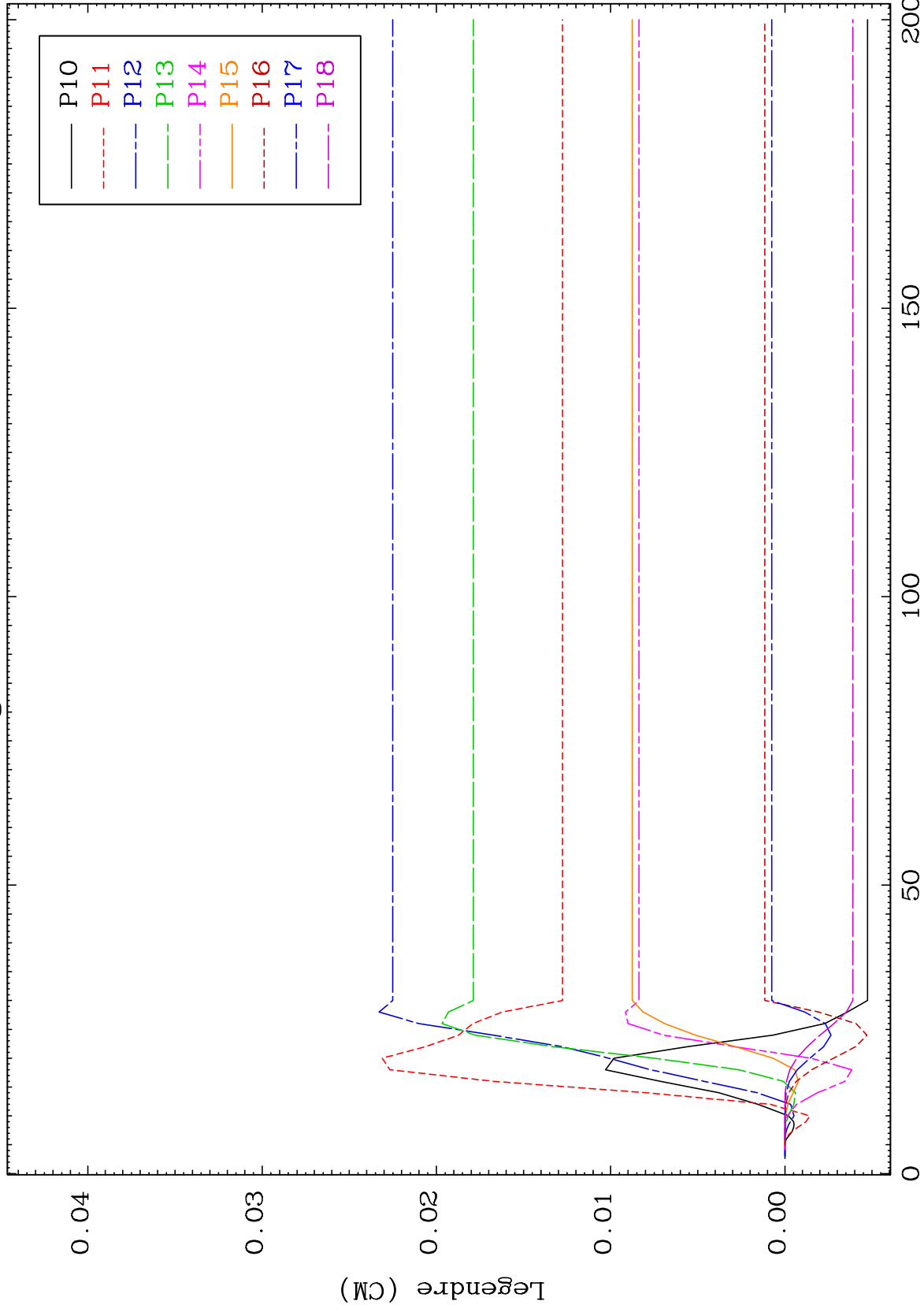
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



58

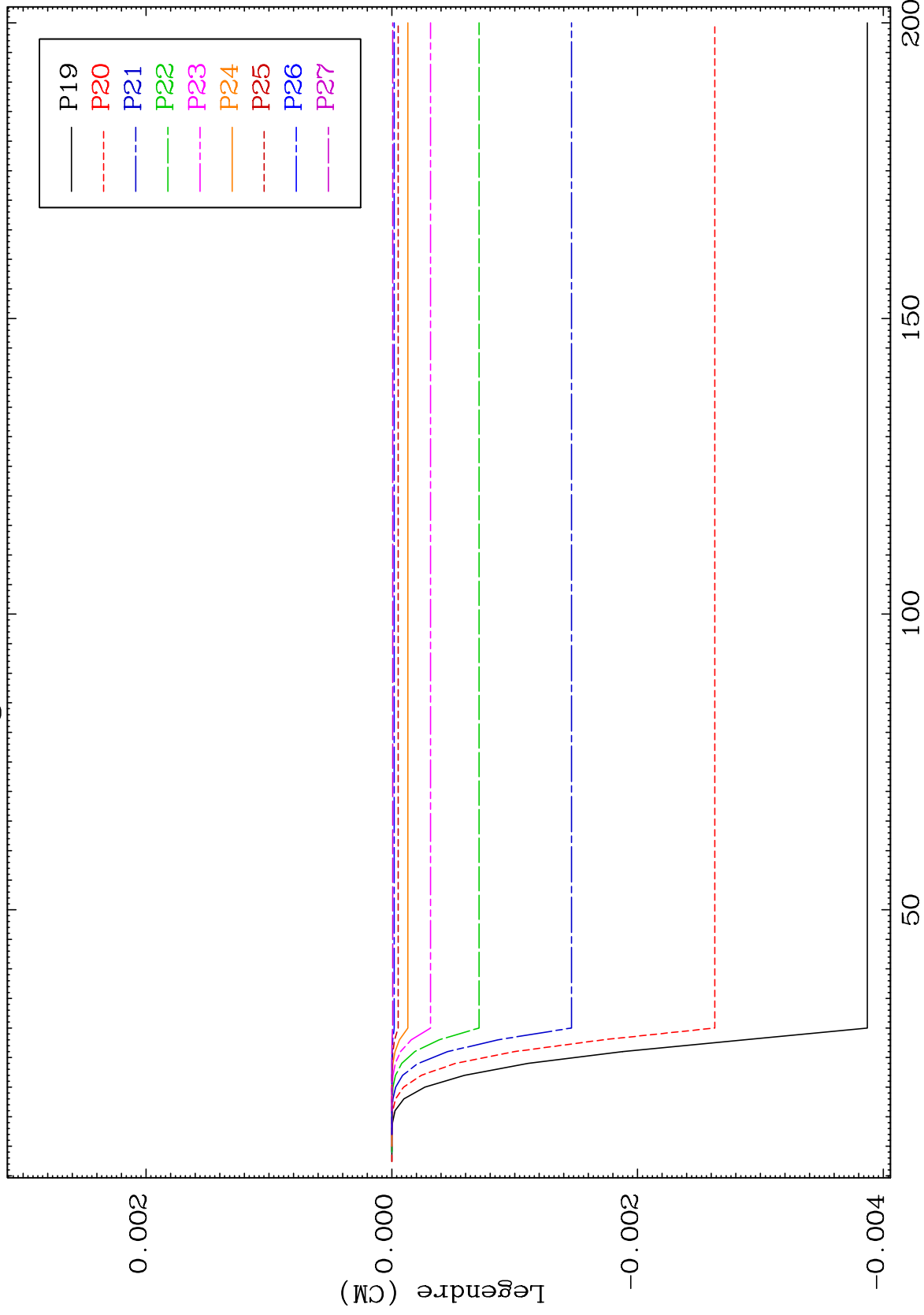
Incident Energy (MeV)

52-Te-136

MAT 5273

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

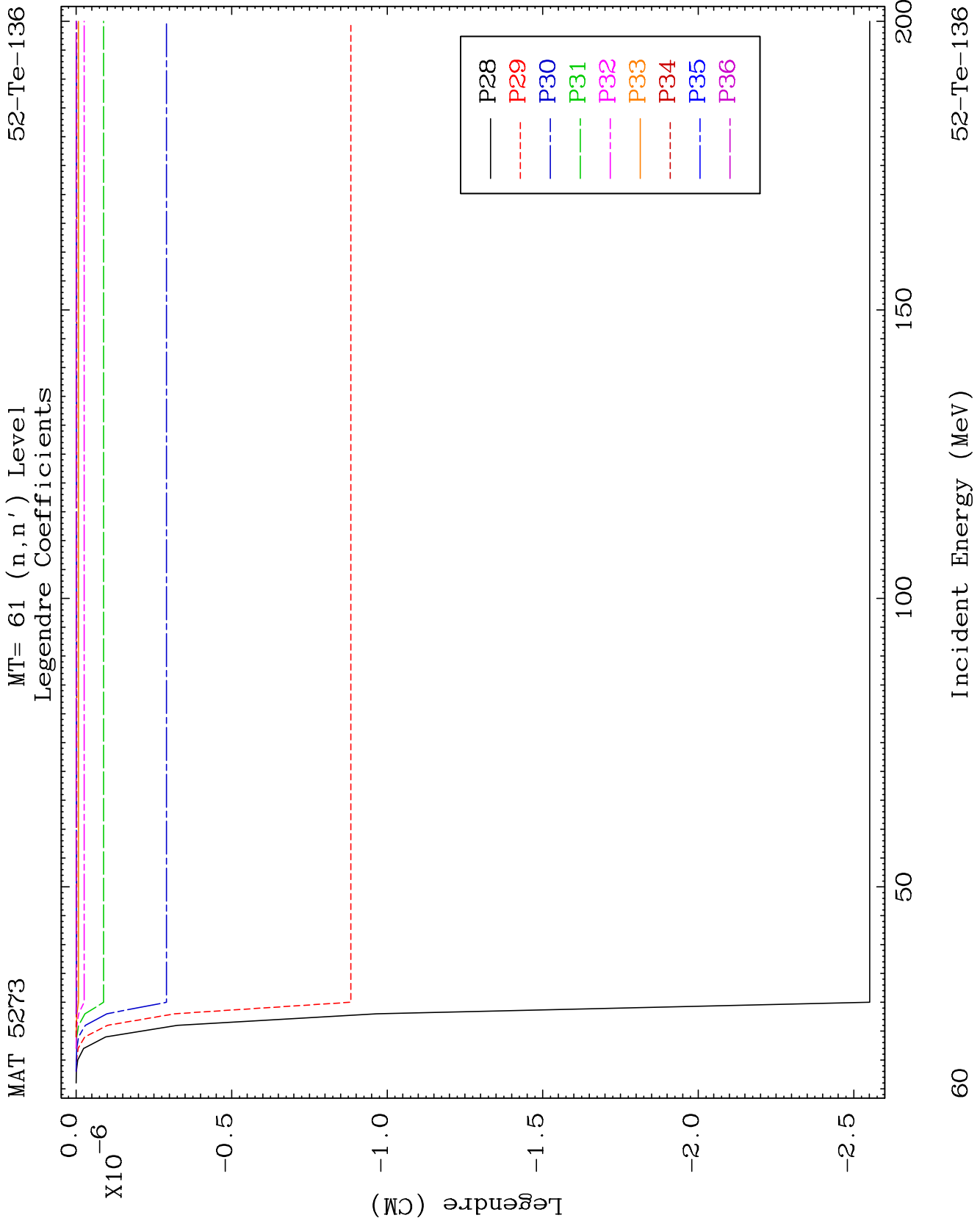
52-Te-136



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Incident Energy (MeV)

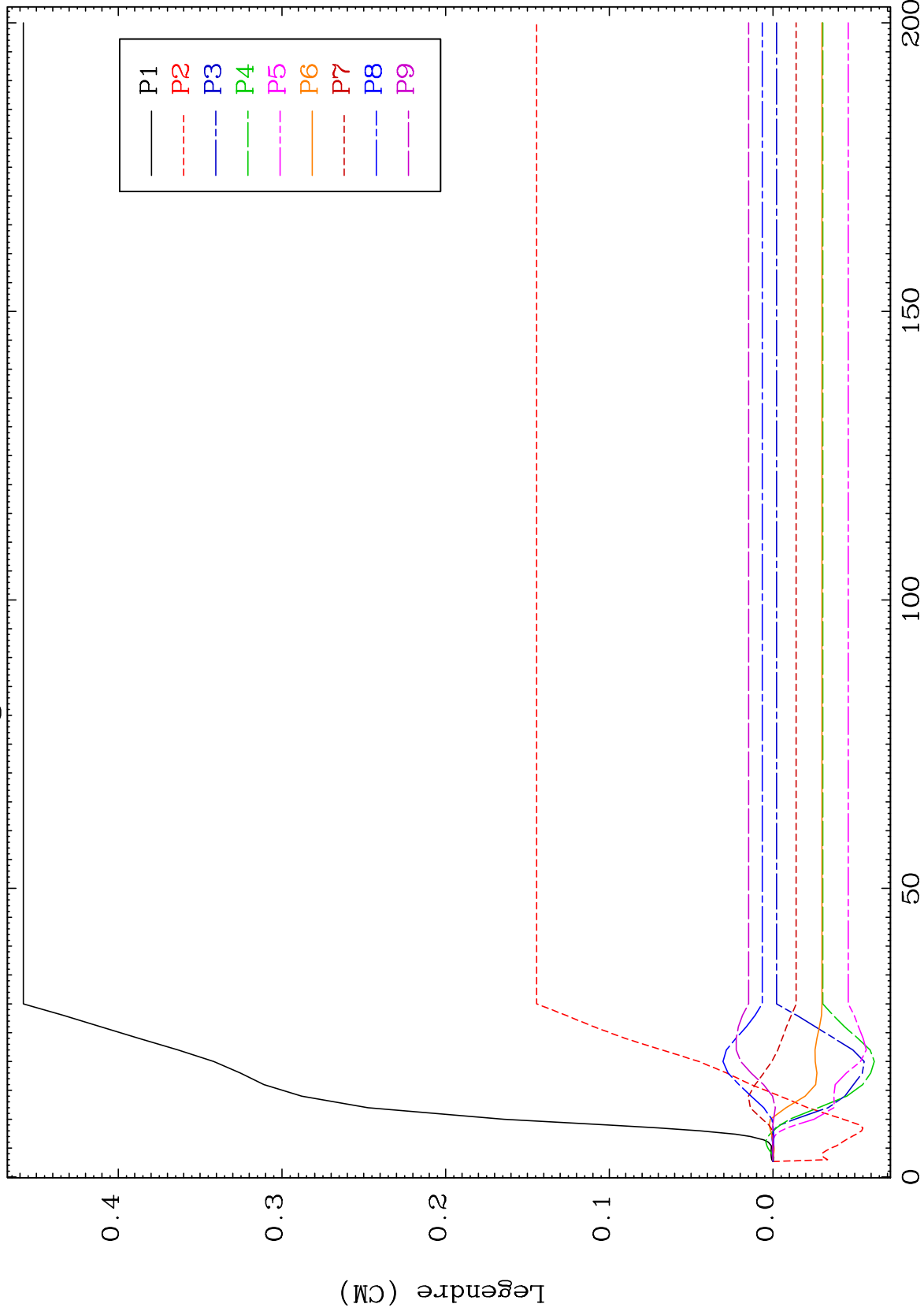
52-Te-136



MAT 5273

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

52-Te-136



61

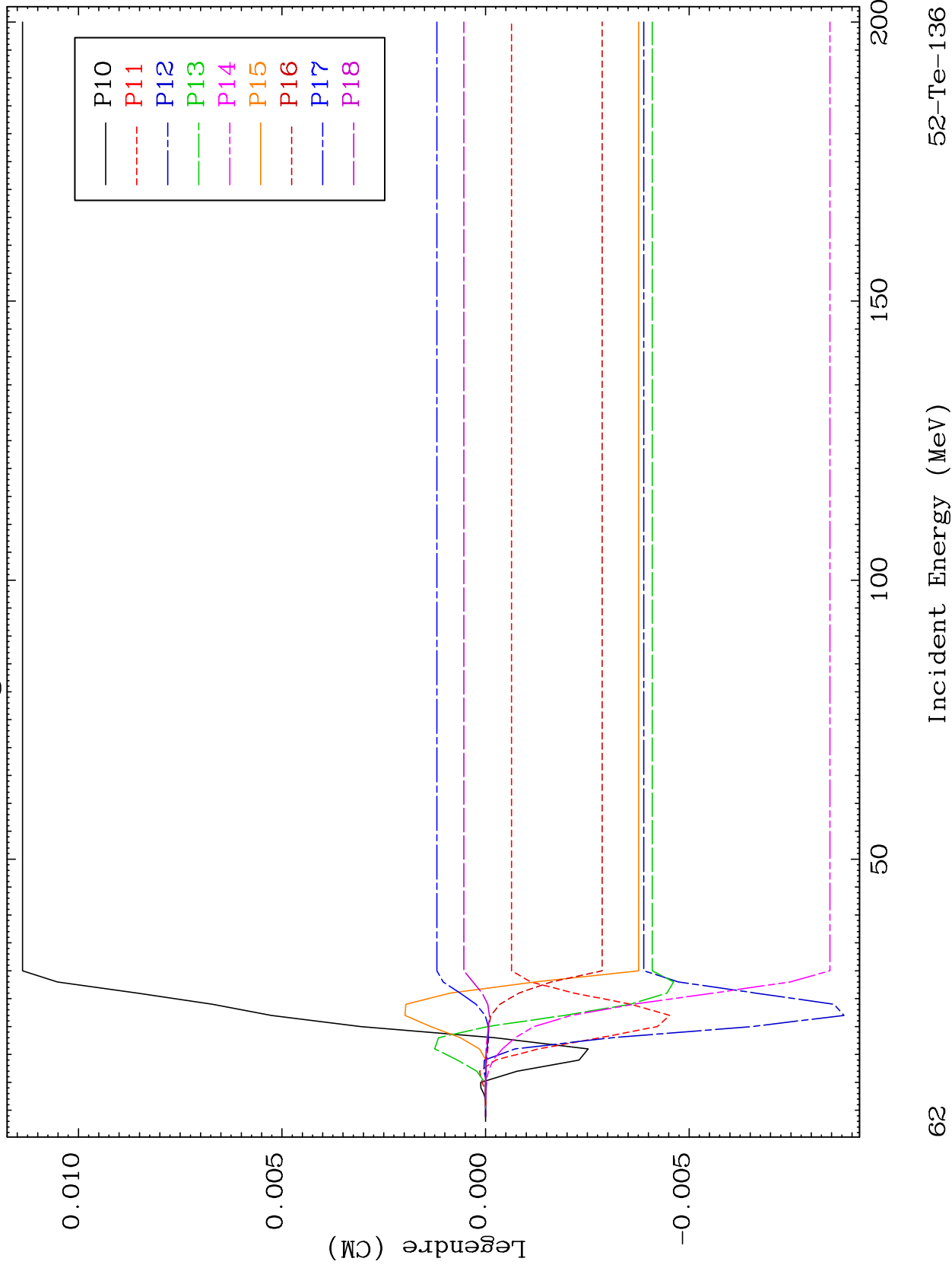
Incident Energy (MeV)

52-Te-136

MAT 5273

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

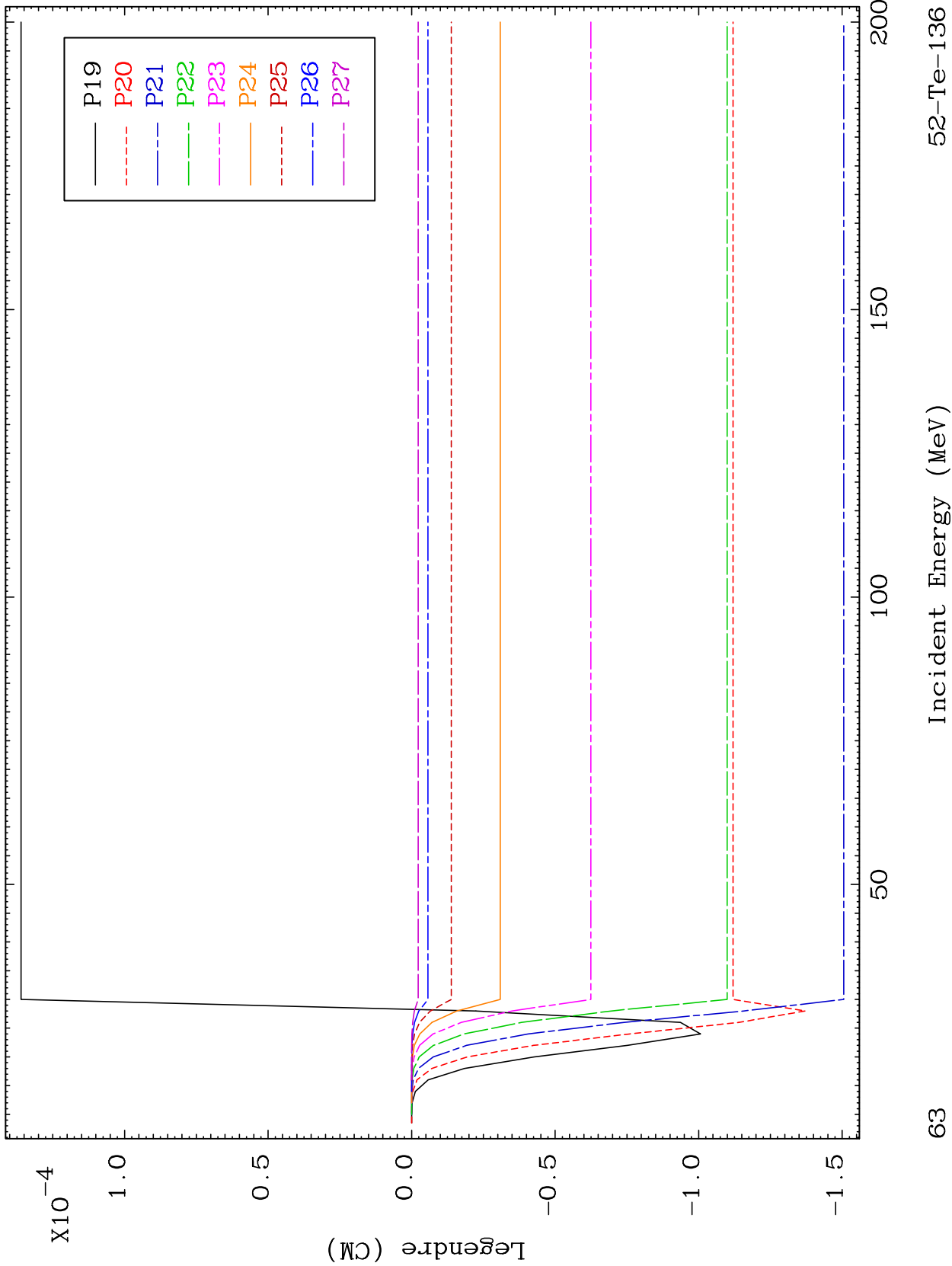
52-Te-136



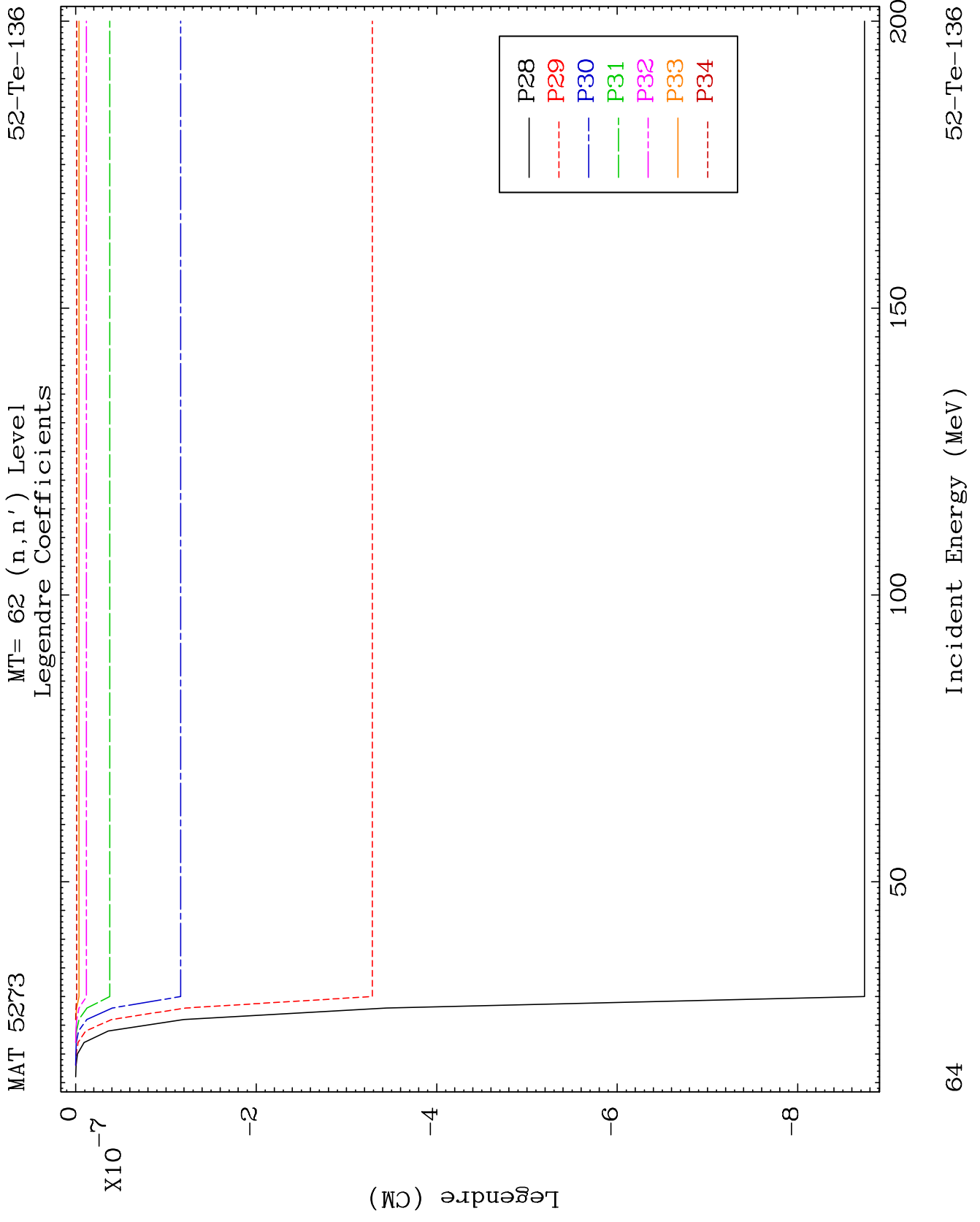
62

Incident Energy (MeV)

52-Te-136



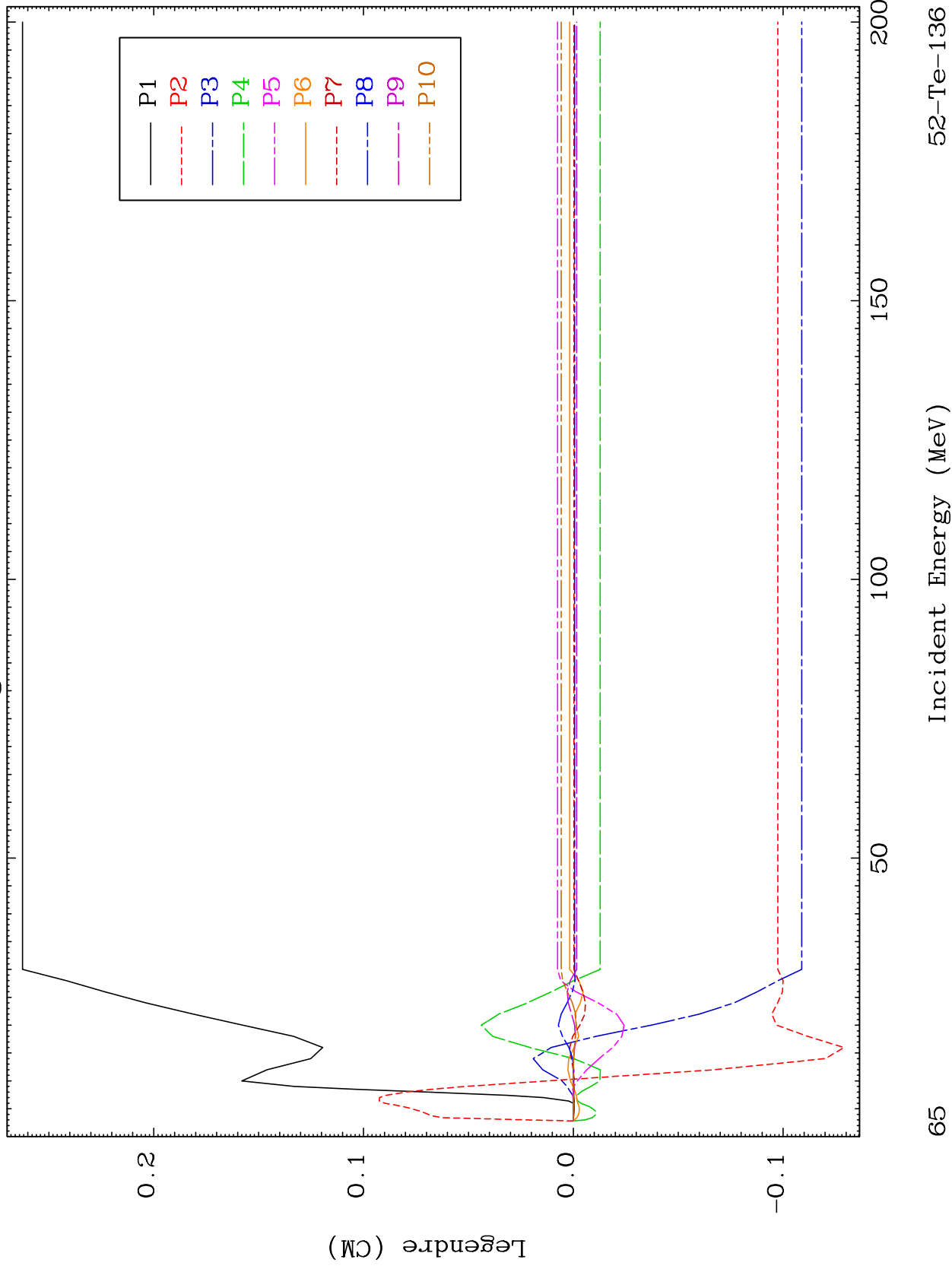




MAT 5273

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

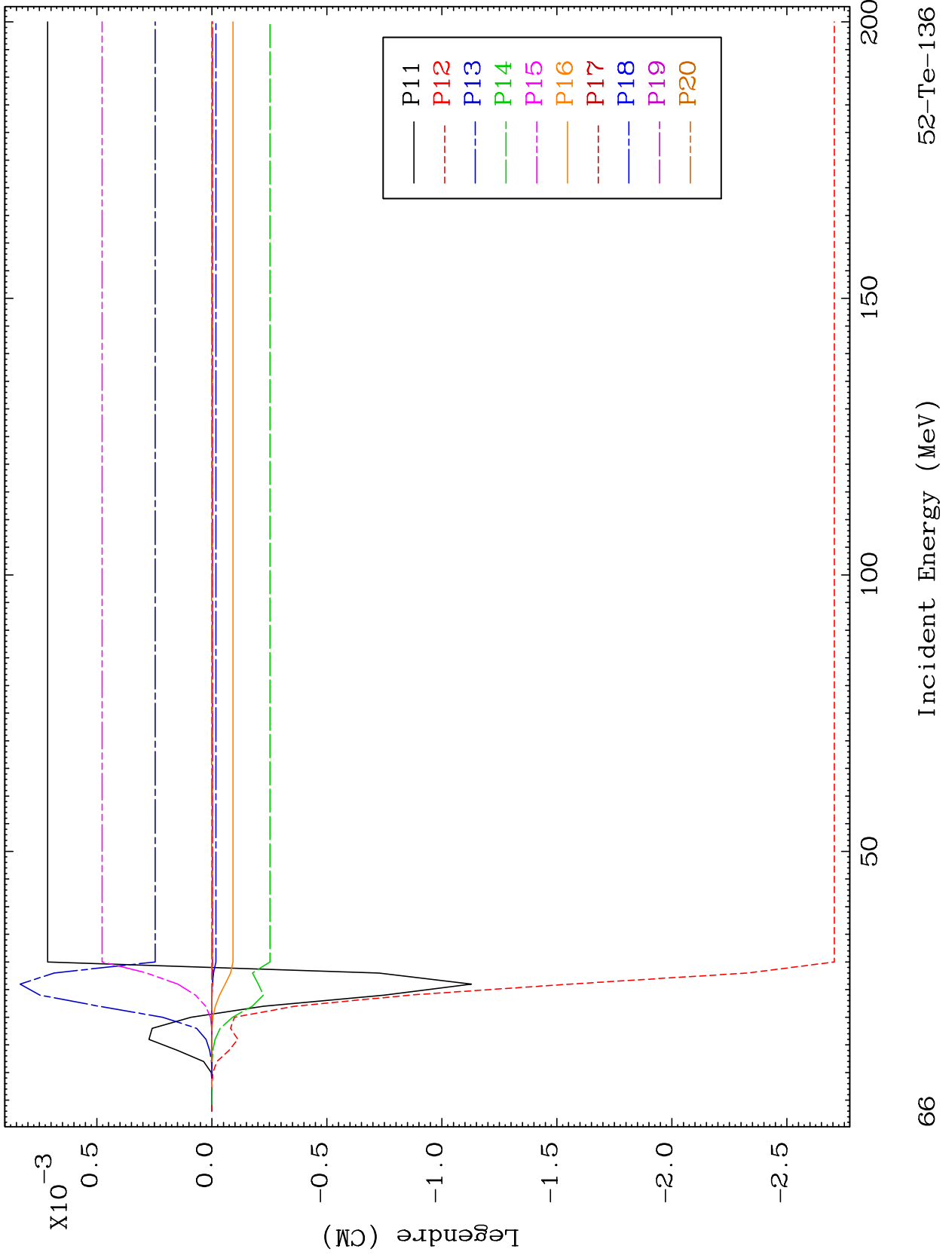
52-Te-136



52-Te-136

Incident Energy (MeV)

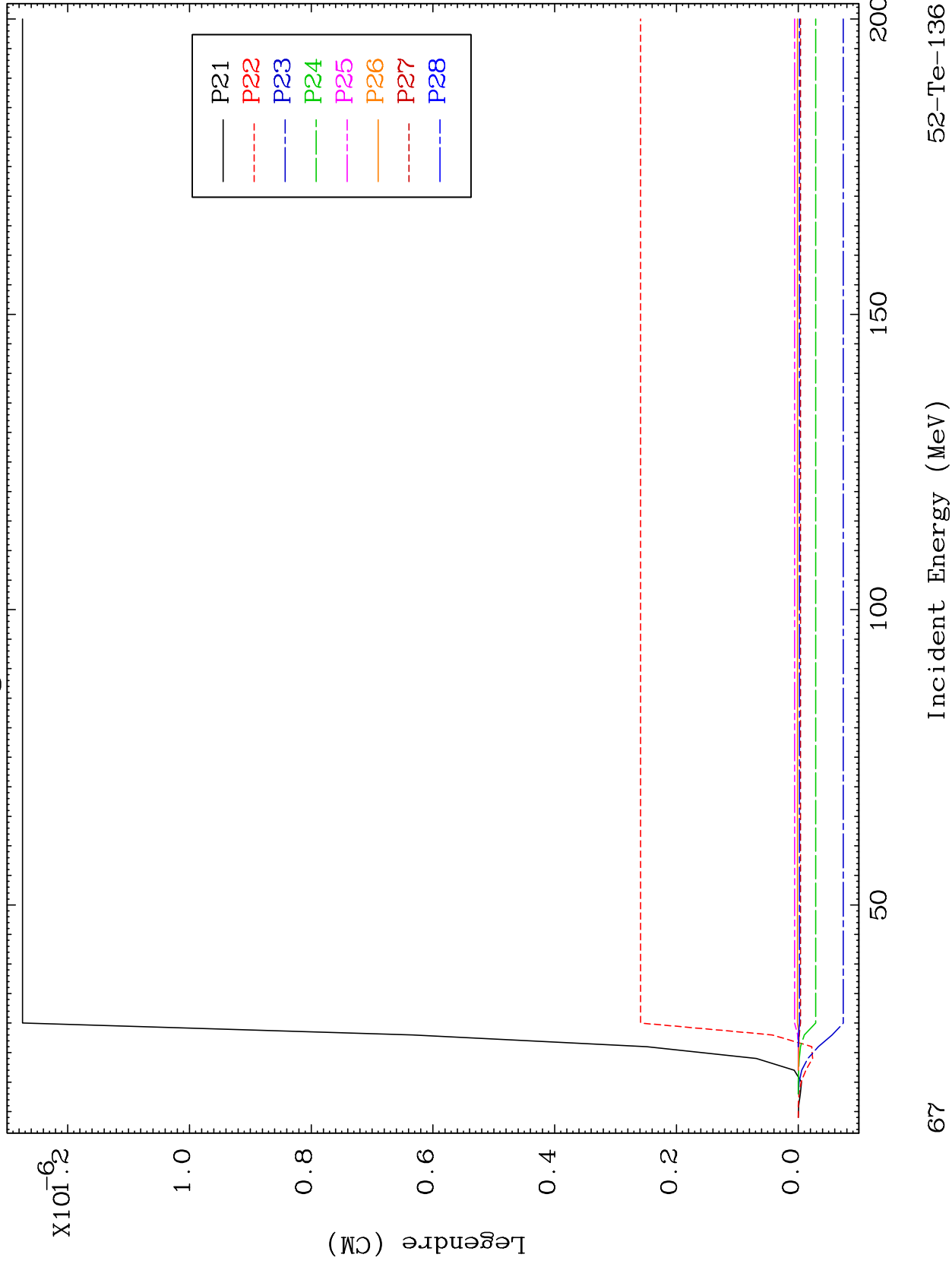
65



MAT 5273

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

52-Te-136



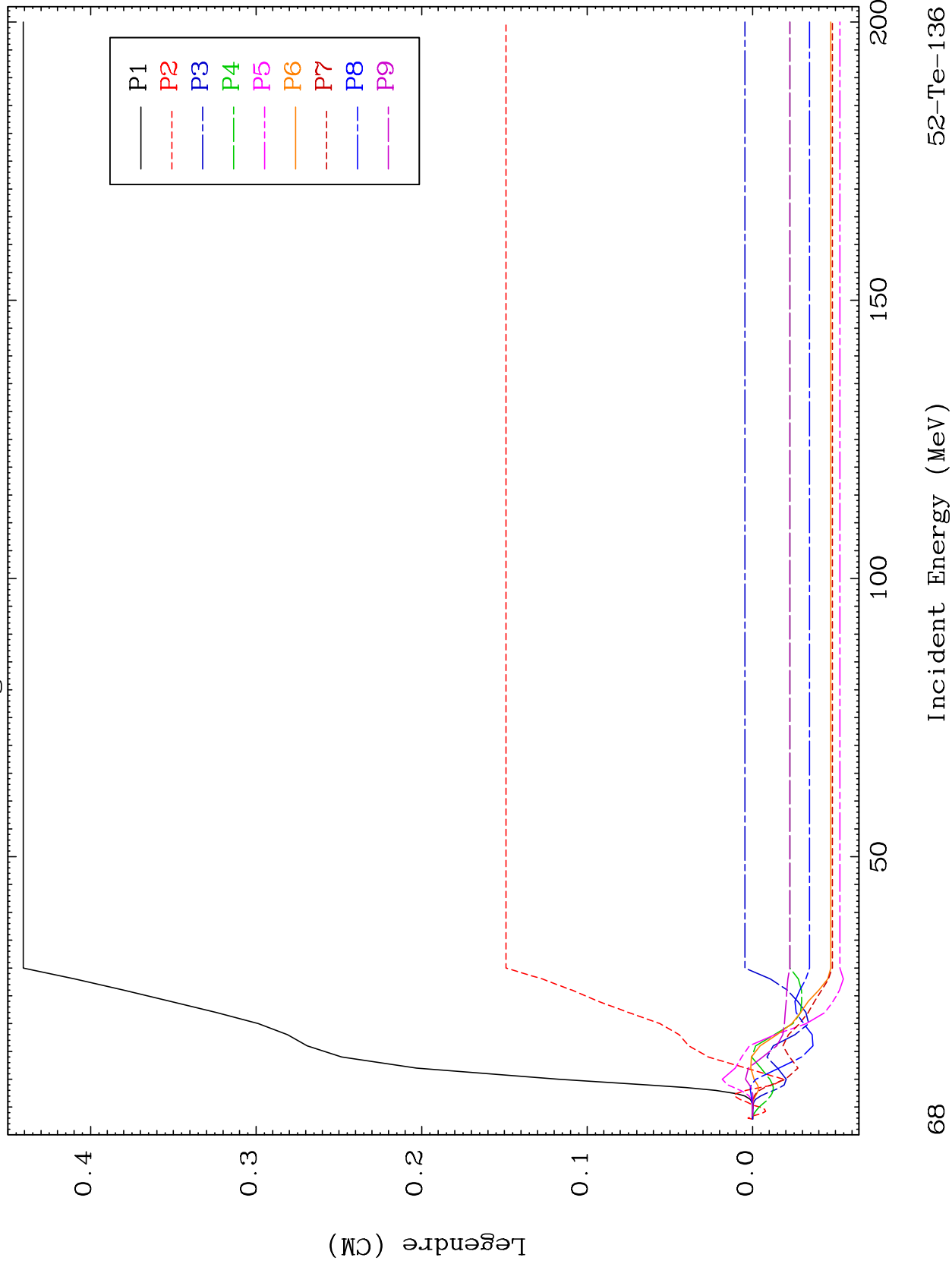
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52-Te-136

MAT 5273

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

52-Te-136



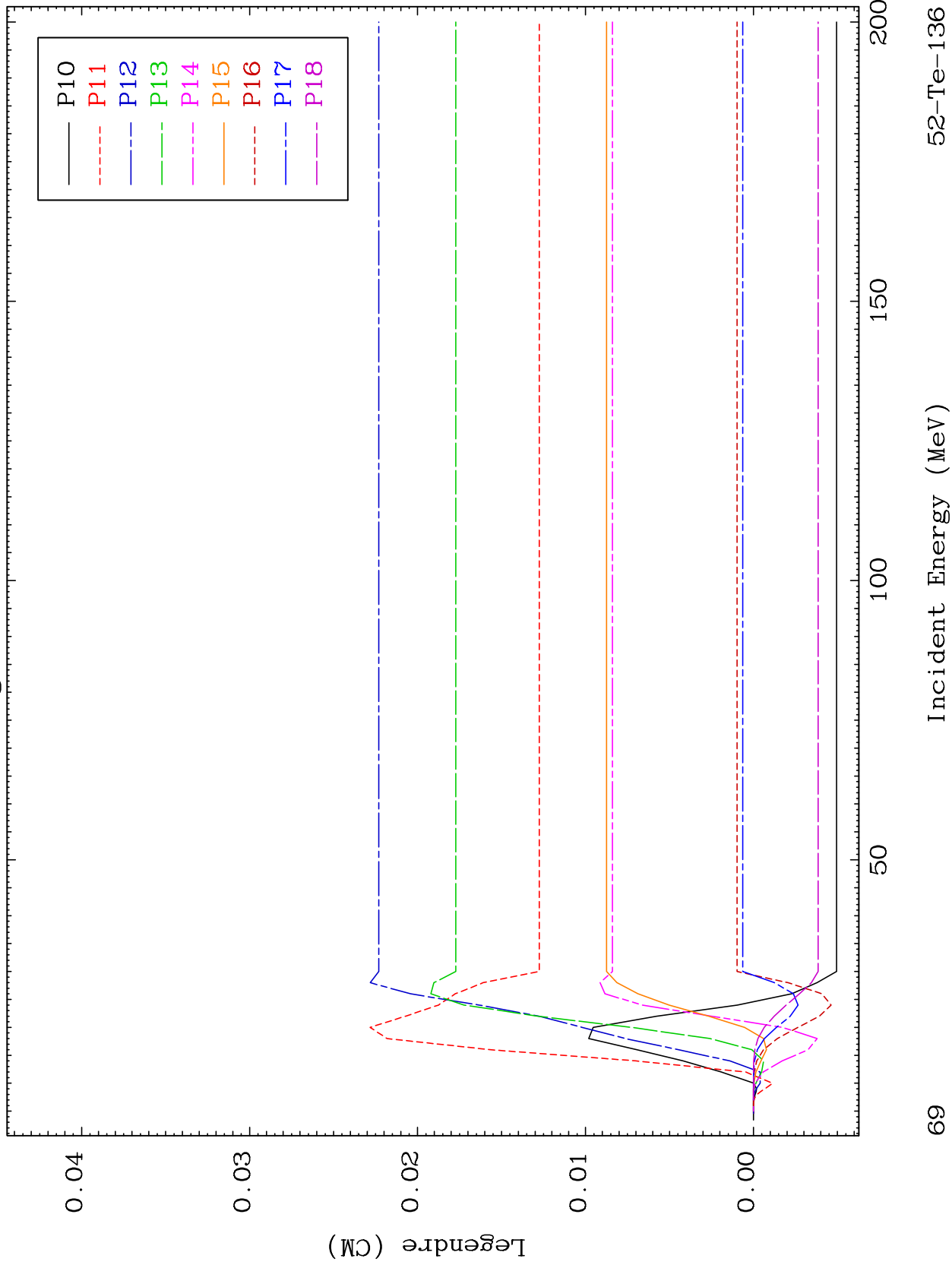
68

52-Te-136

MAT 5273

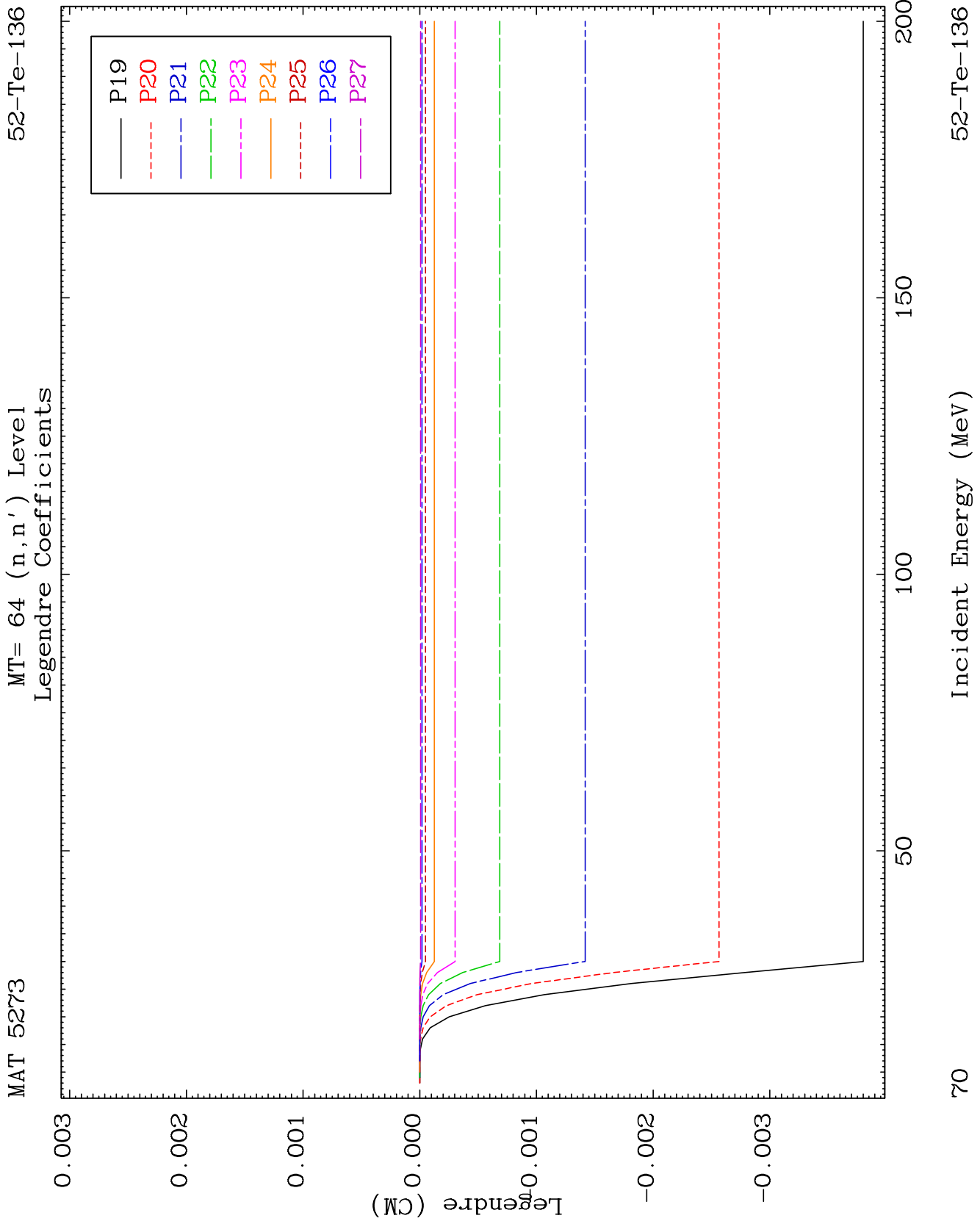
MT= 64 (n,n') Level  
Legendre Coefficients

52-Te-136



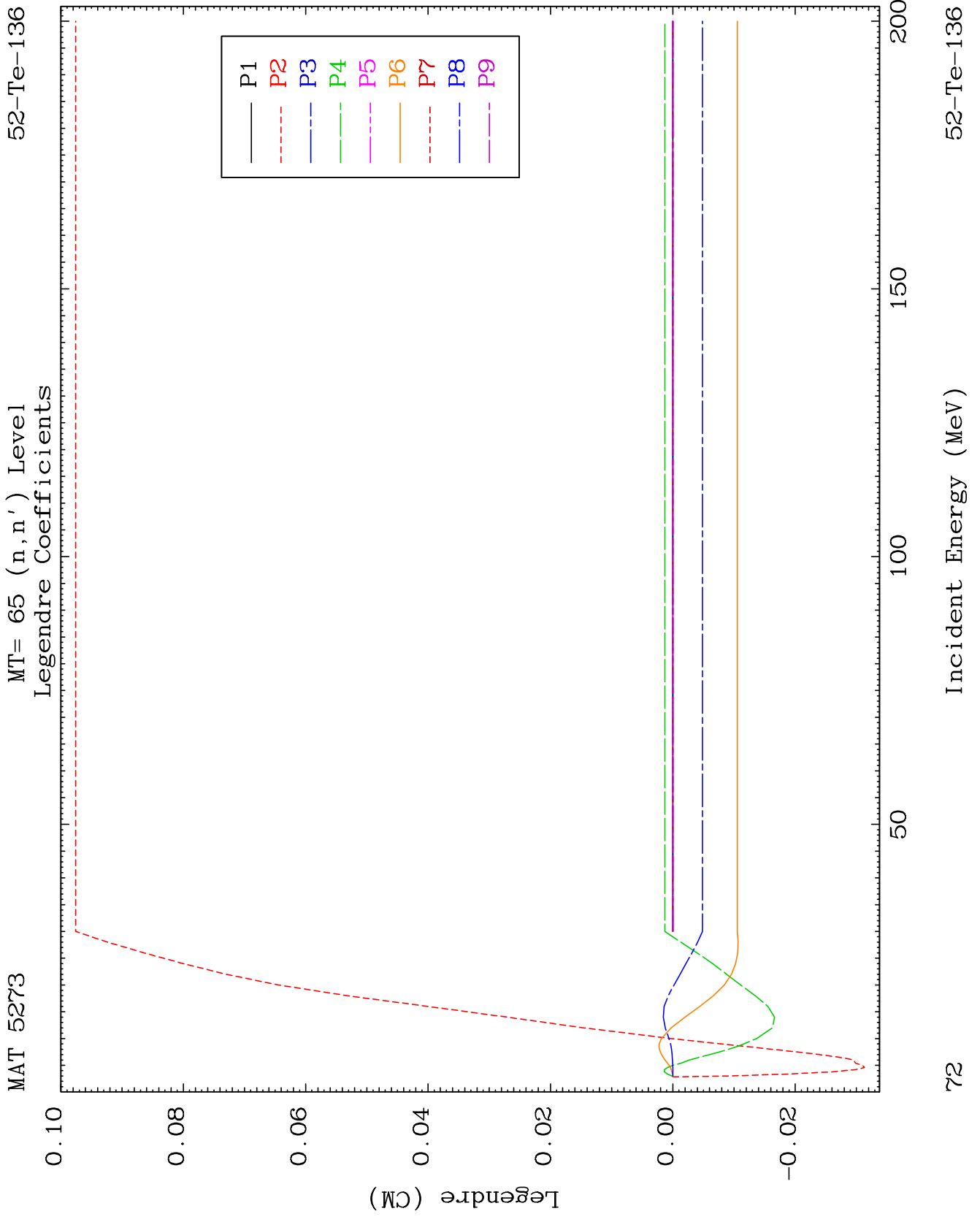
69

52-Te-136

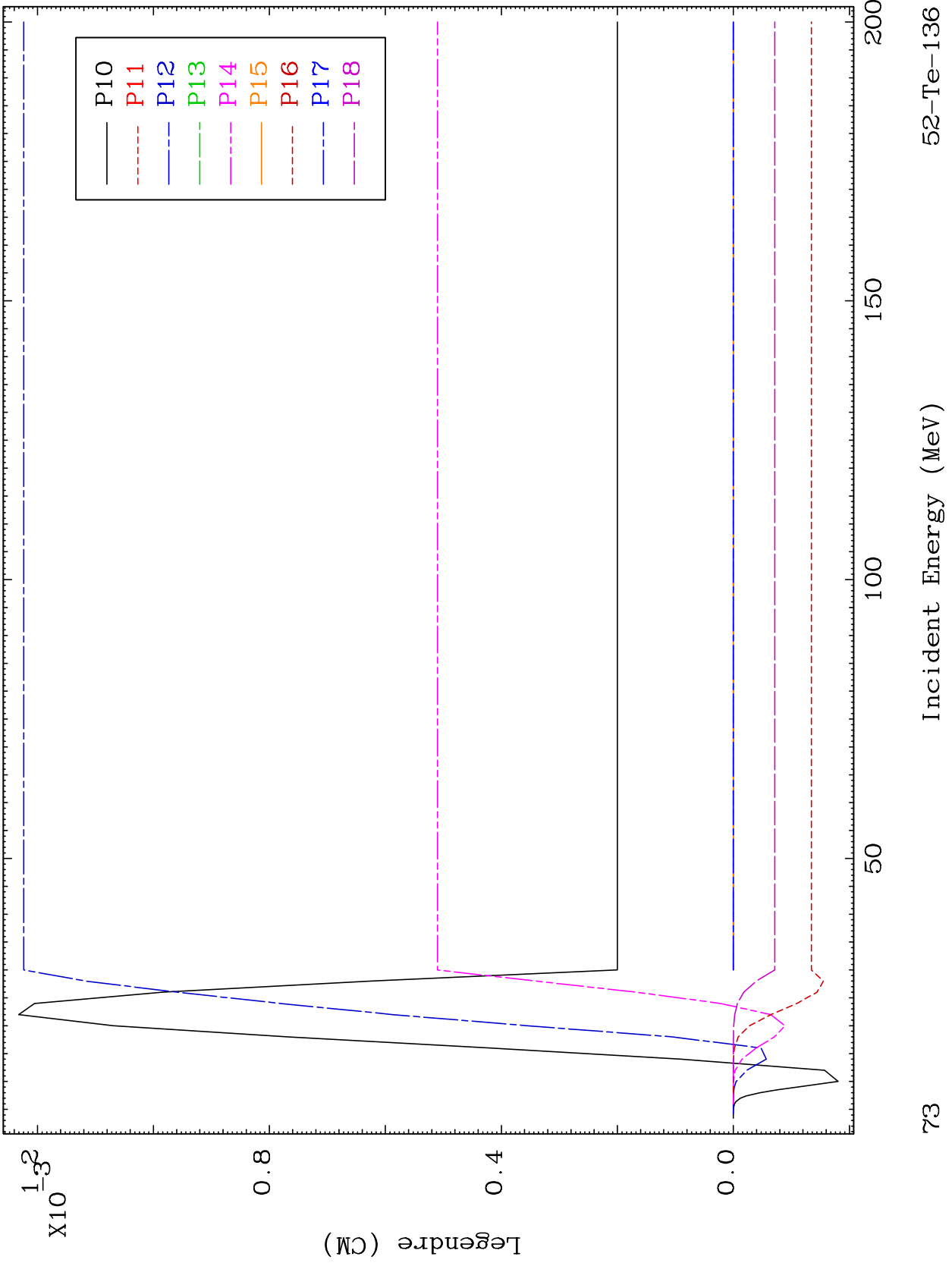


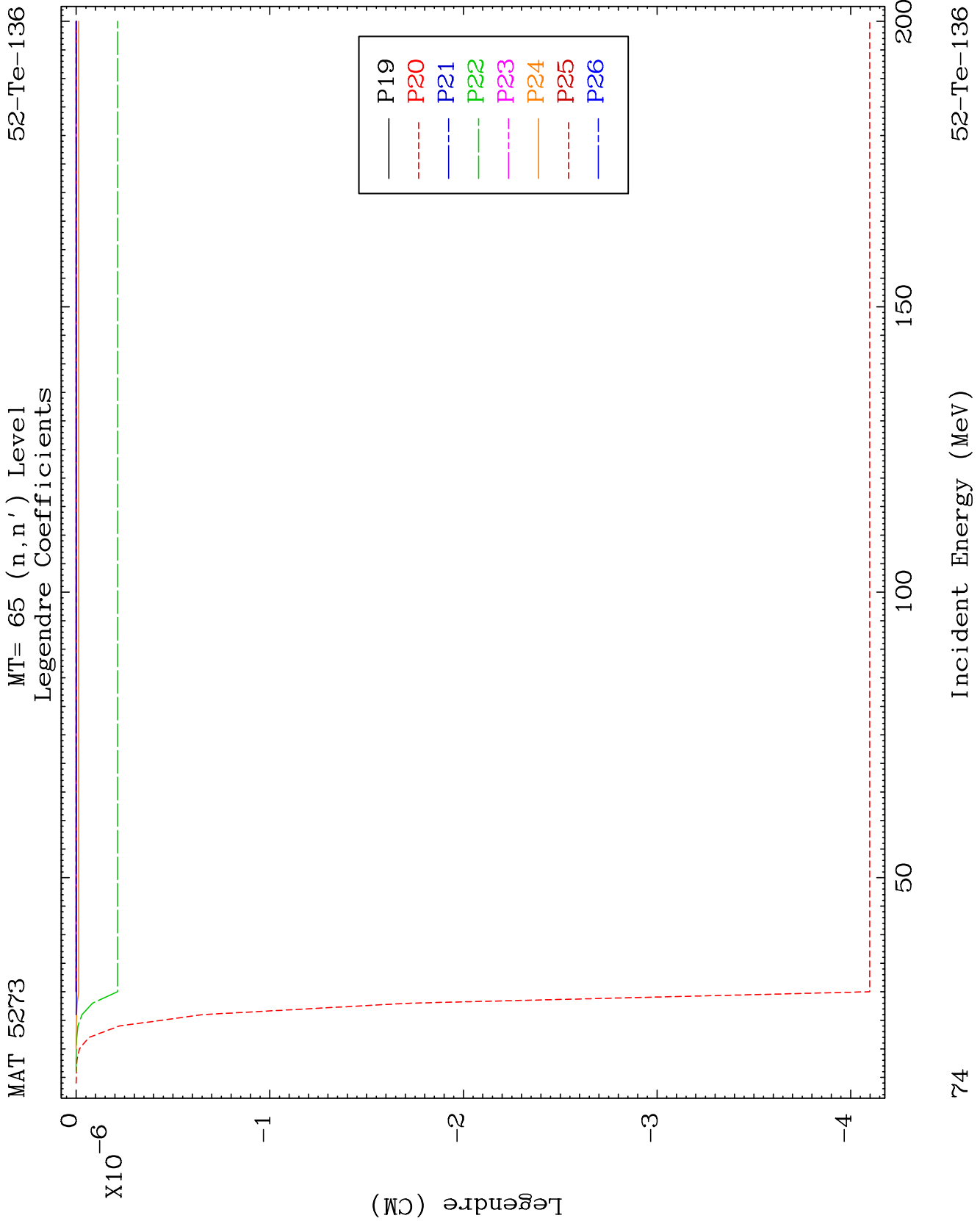






MAT 5273 MT= 65 (n,n') Level Legendre Coefficients 52-Te-136

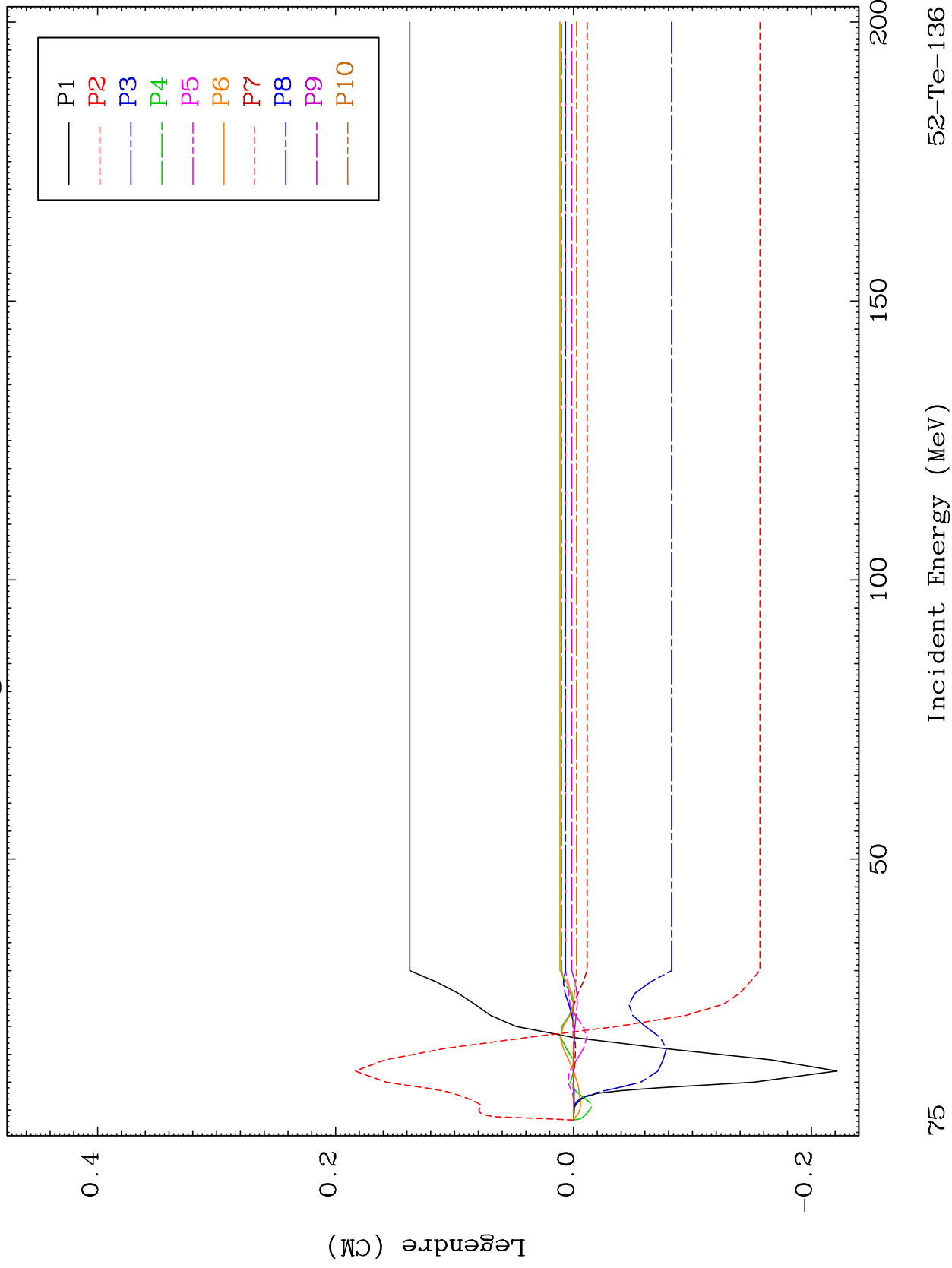




MAT 5273

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

52-Te-136



52-Te-136

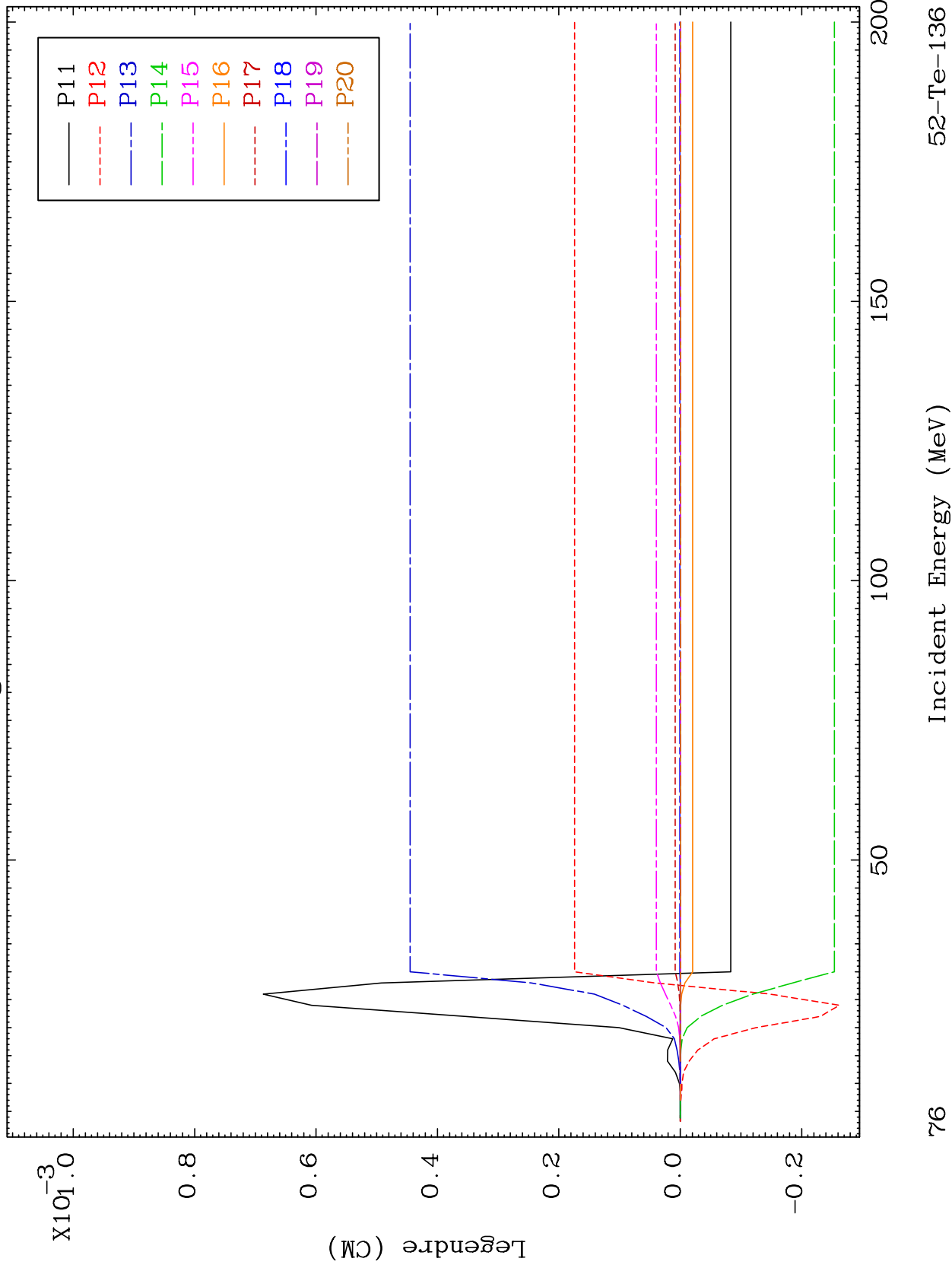
Incident Energy (MeV)

75

MAT 5273

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

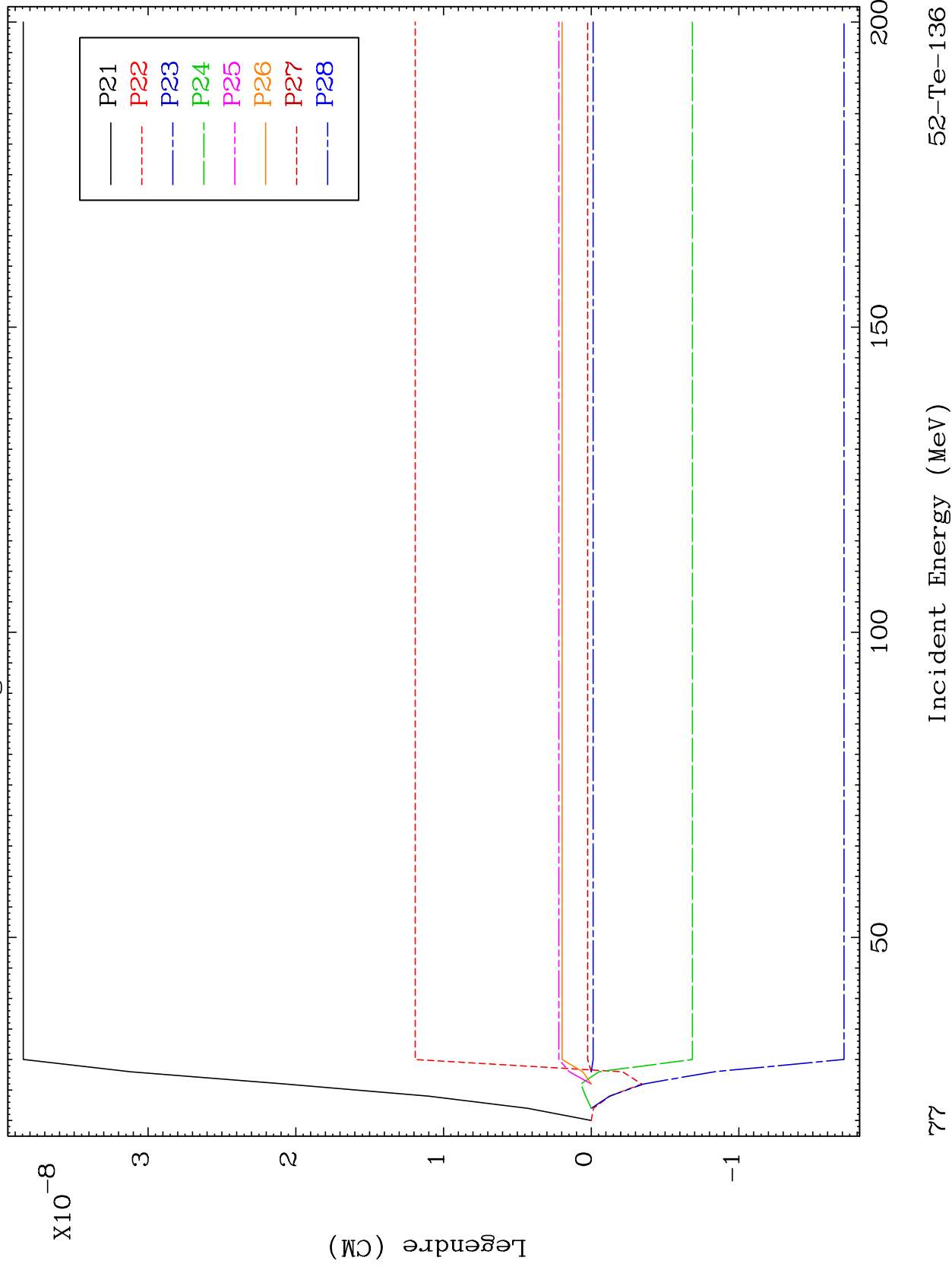
52-Te-136



MAT 5273

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

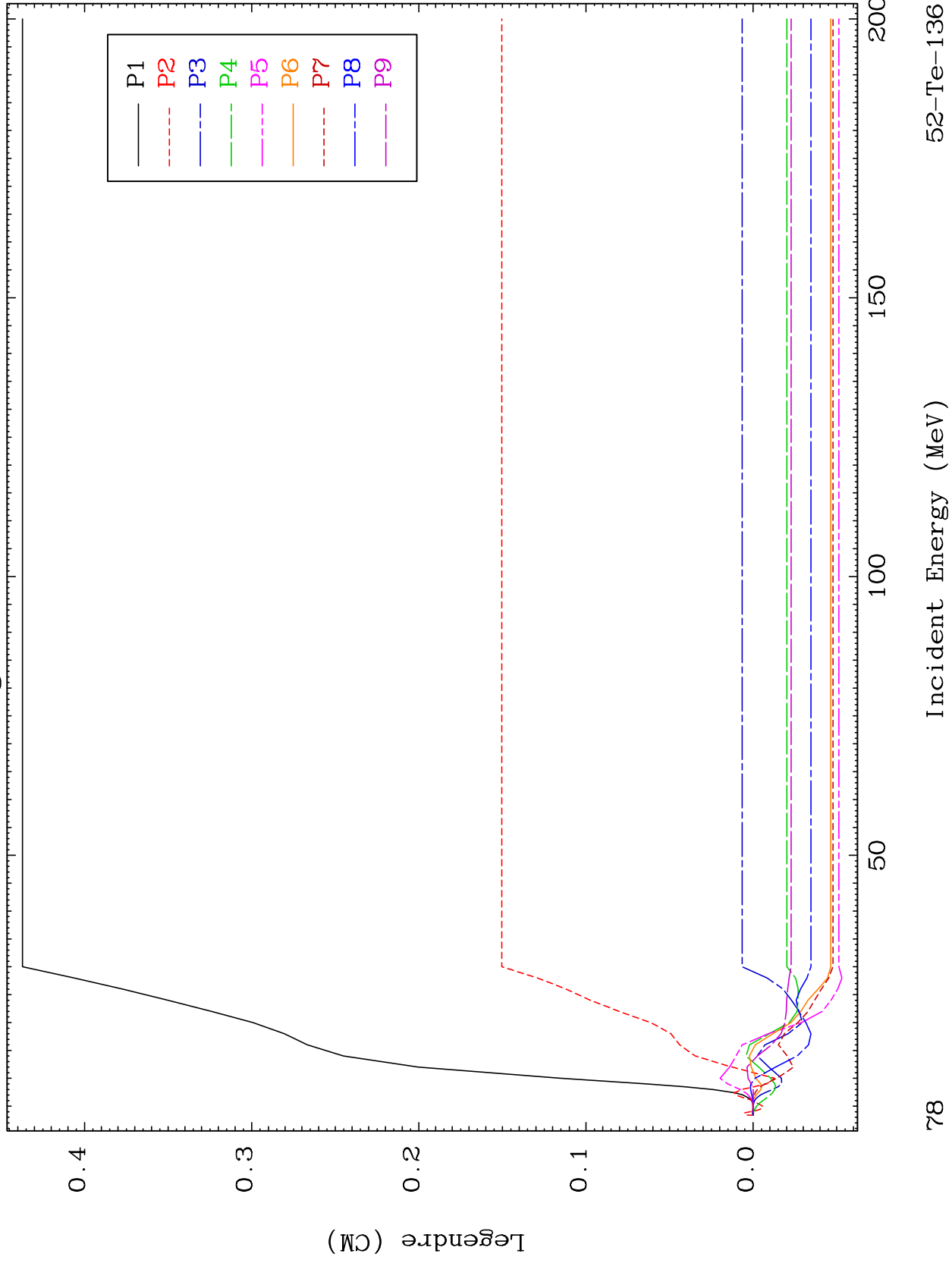
52-Te-136



MAT 5273

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

52-Te-136



78

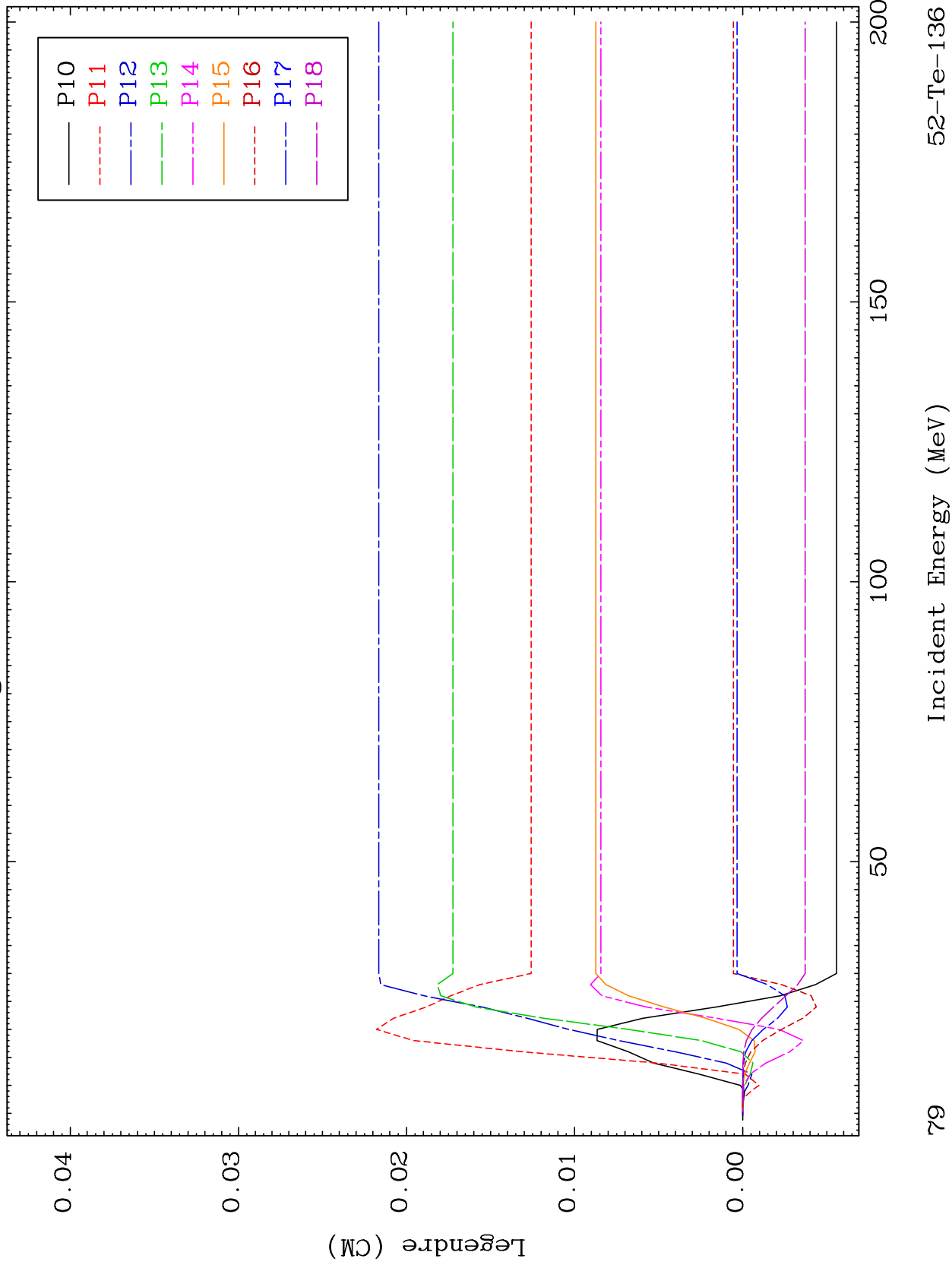
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



79

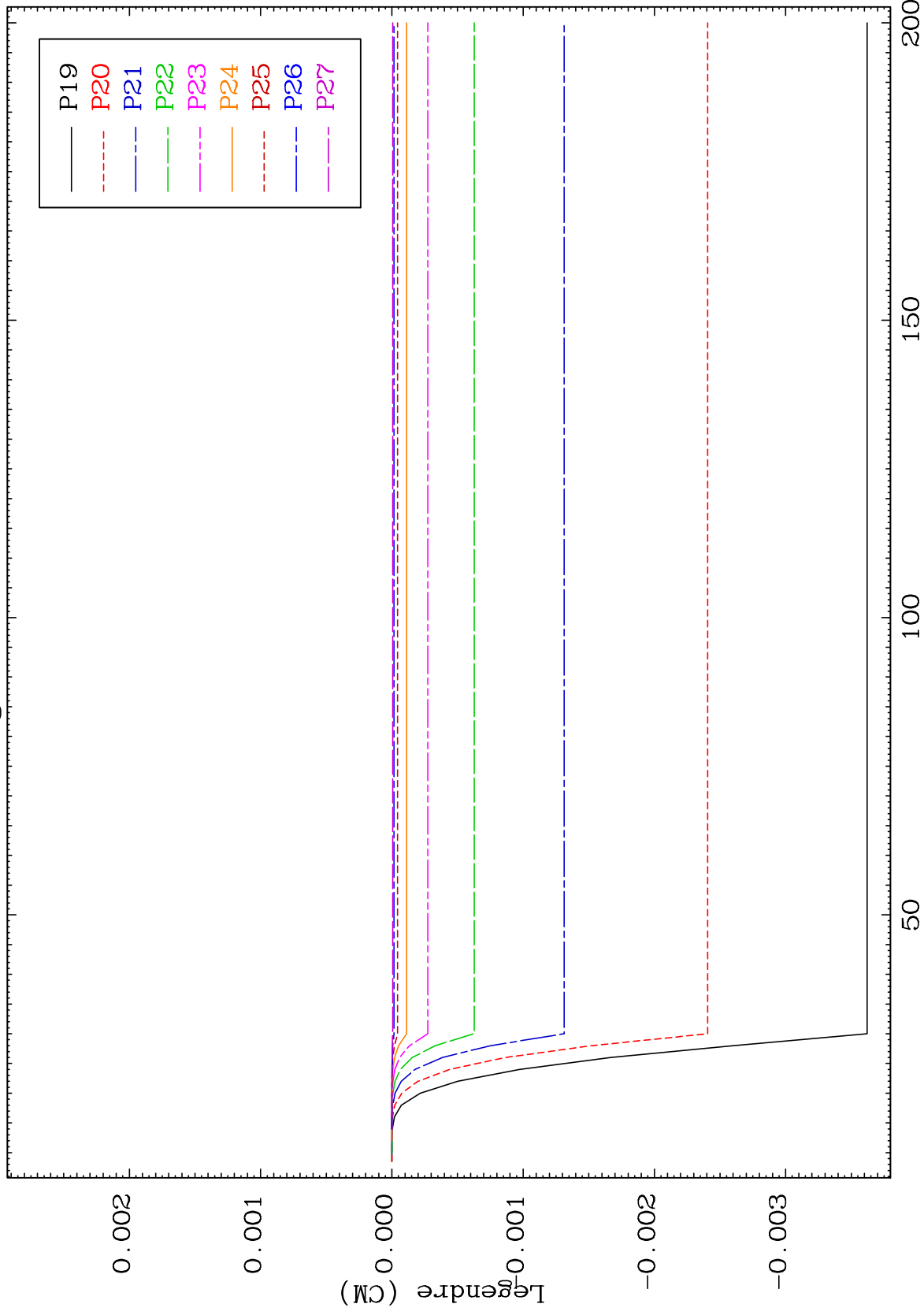
52-Te-136



MAT 5273

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

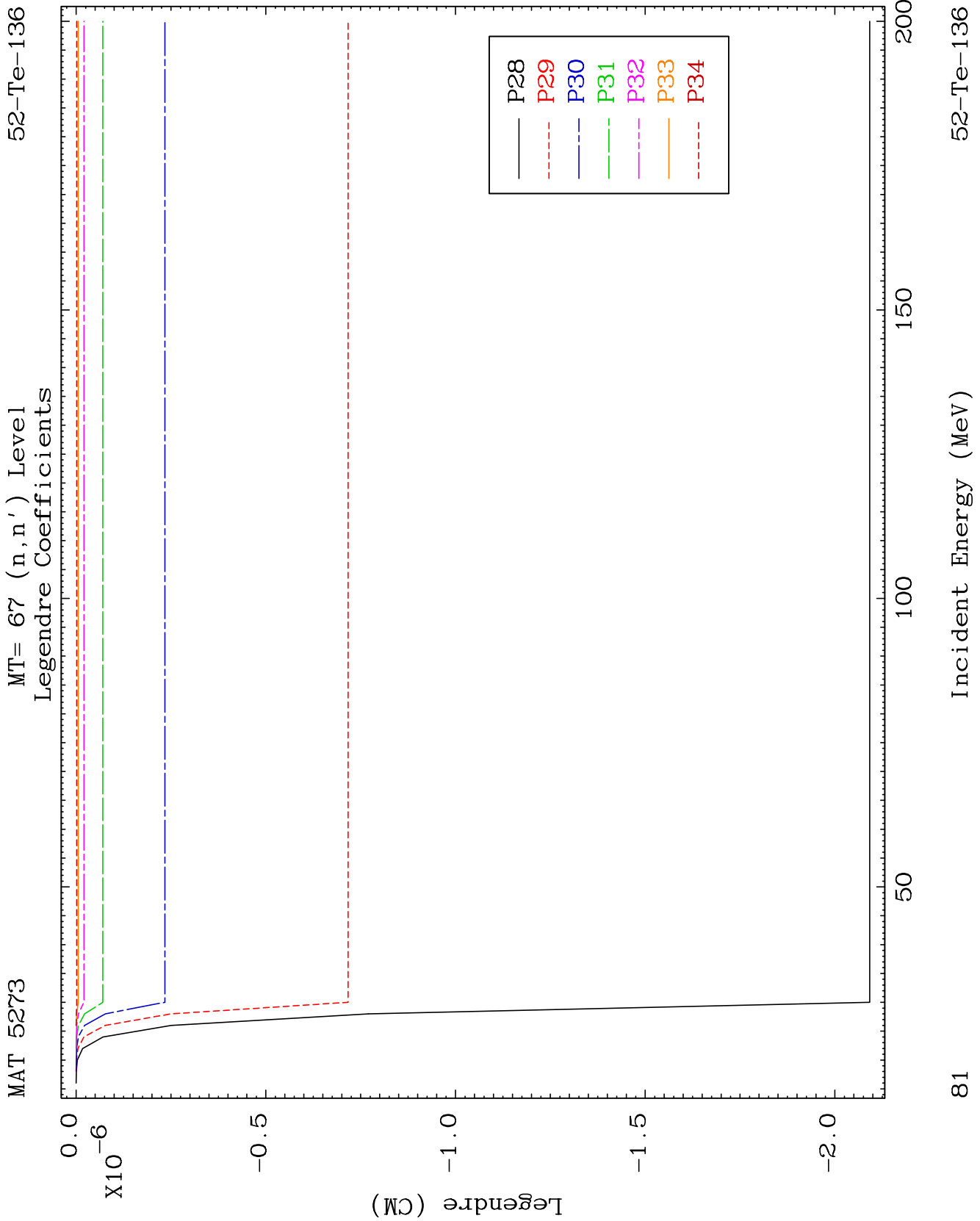
52-Te-136



80

Incident Energy (MeV)

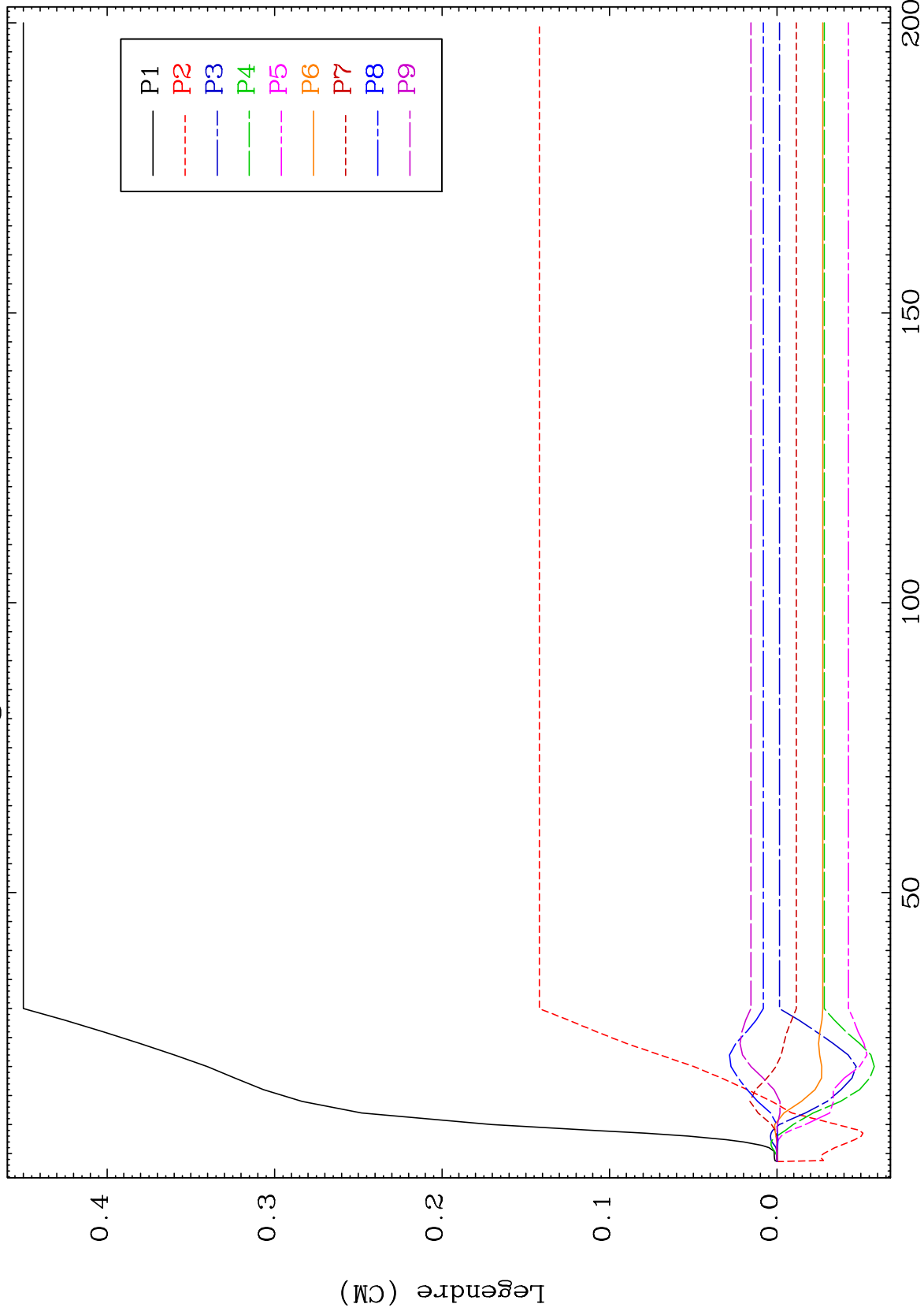
52-Te-136



MAT 5273

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

52-Te-136



82

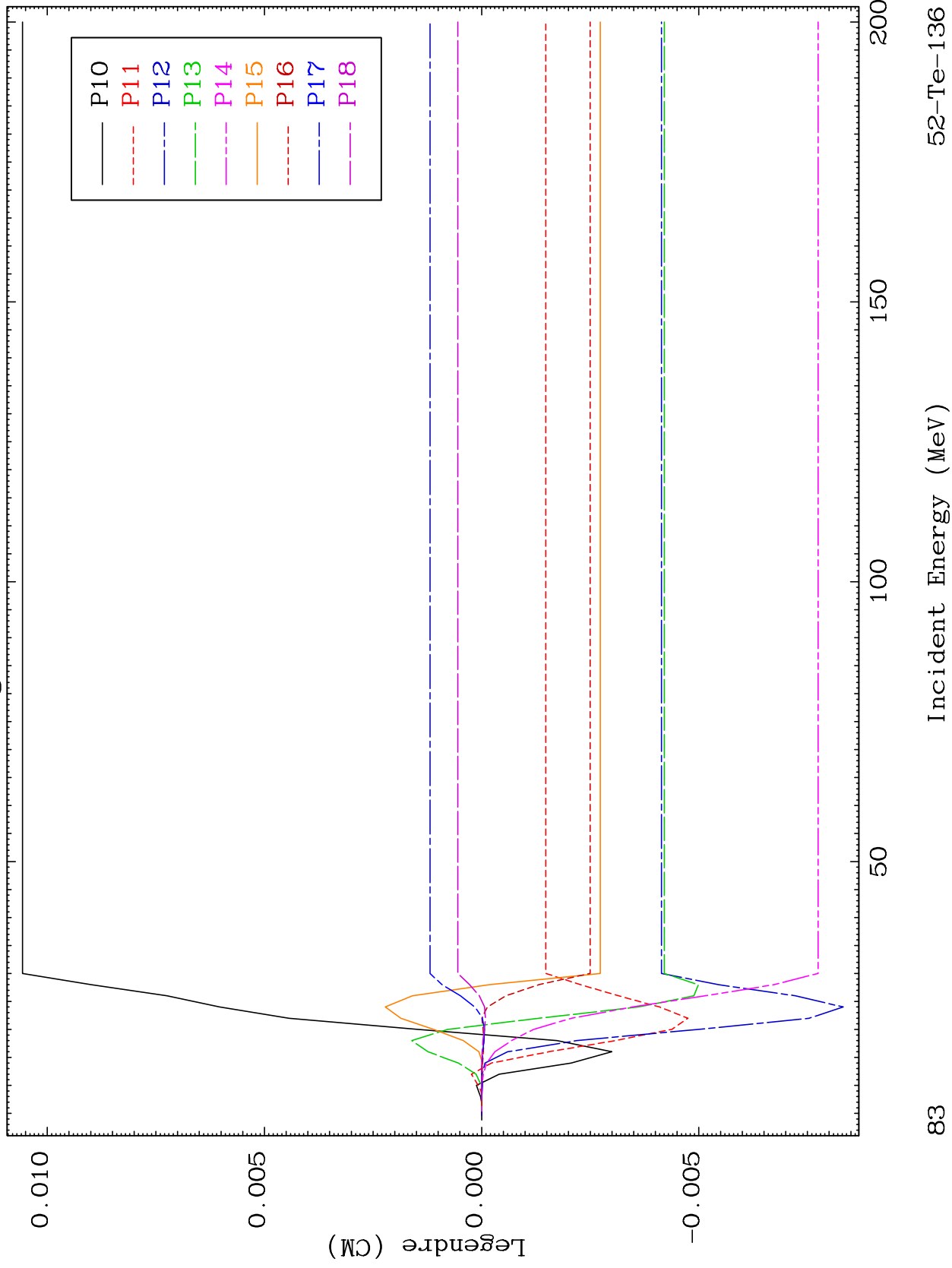
Incident Energy (MeV)

52-Te-136

MAT 5273

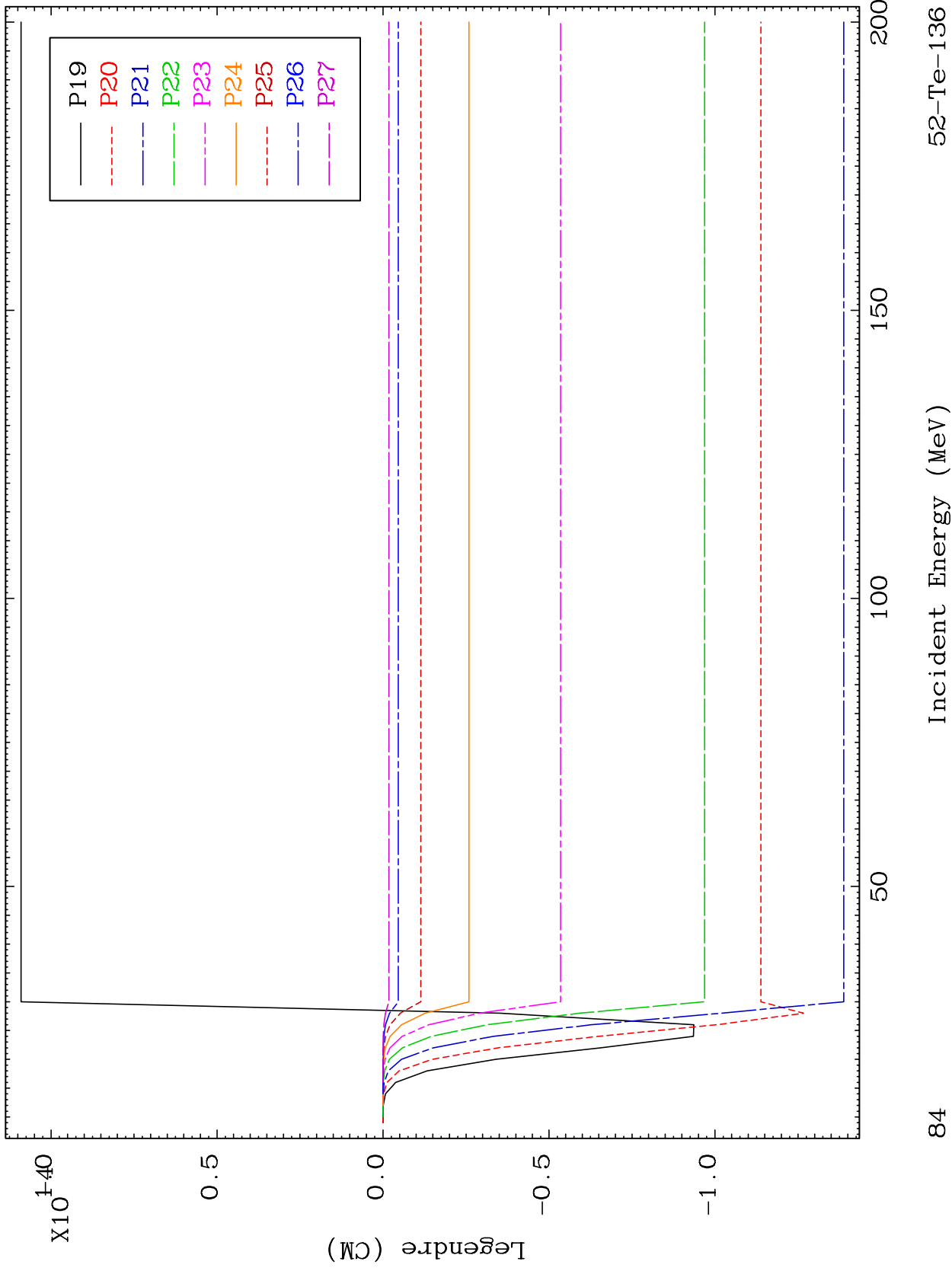
MT= 68 (n,n') Level  
Legendre Coefficients

52-Te-136



83

52-Te-136

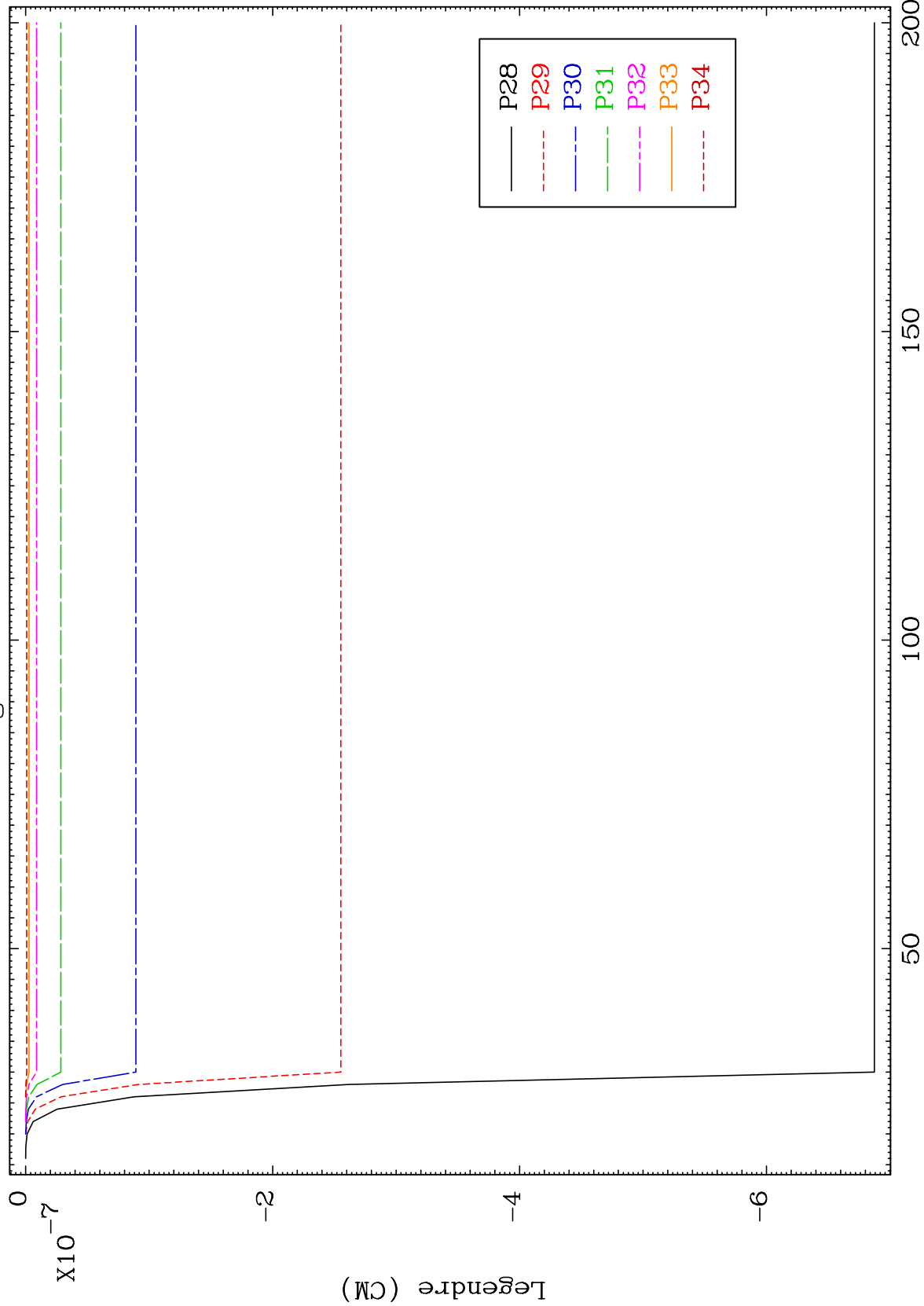


MAT 5273

MT= 68 (n,n') Level

52-Te-136

Legendre Coefficients



85

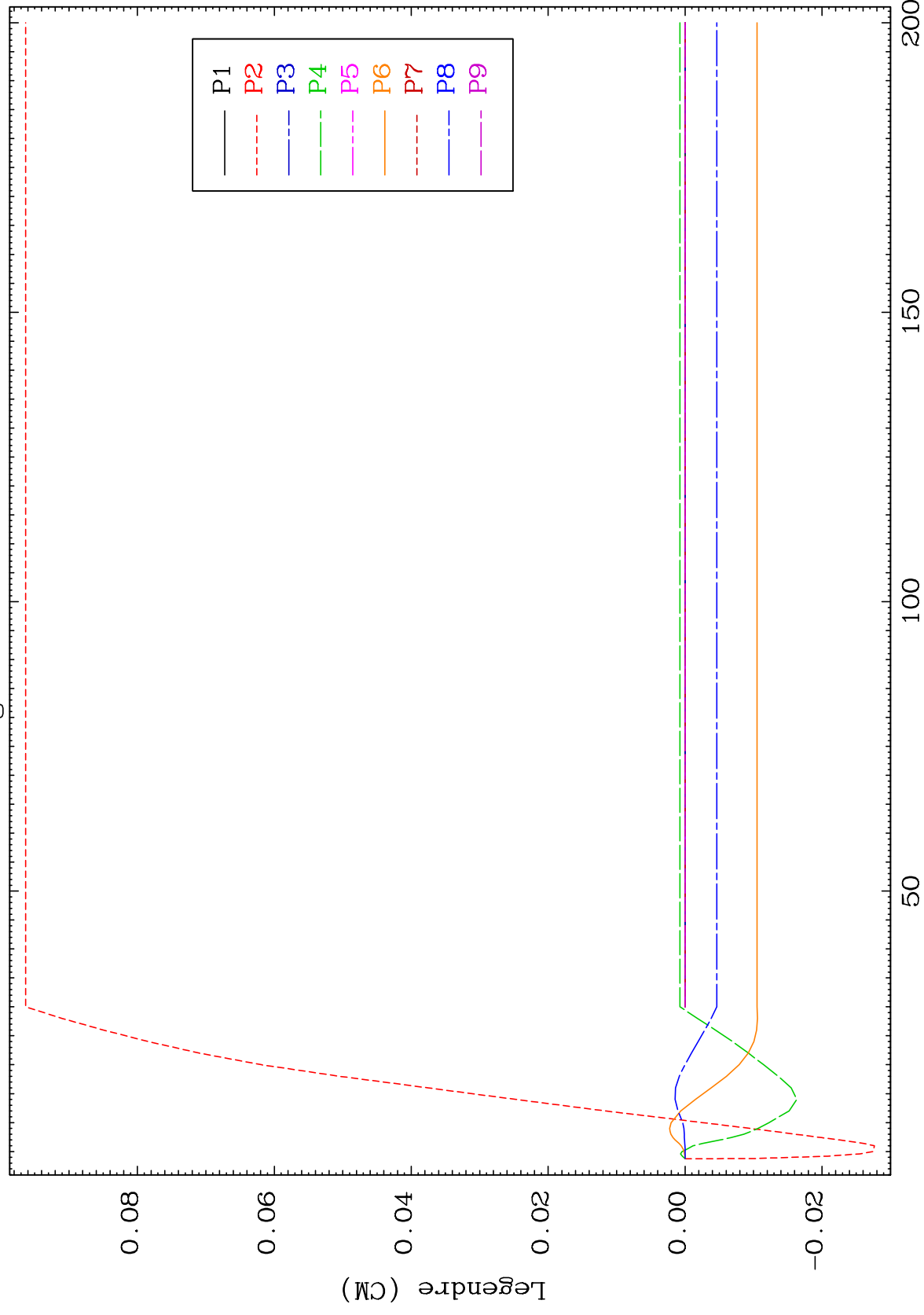
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136



86

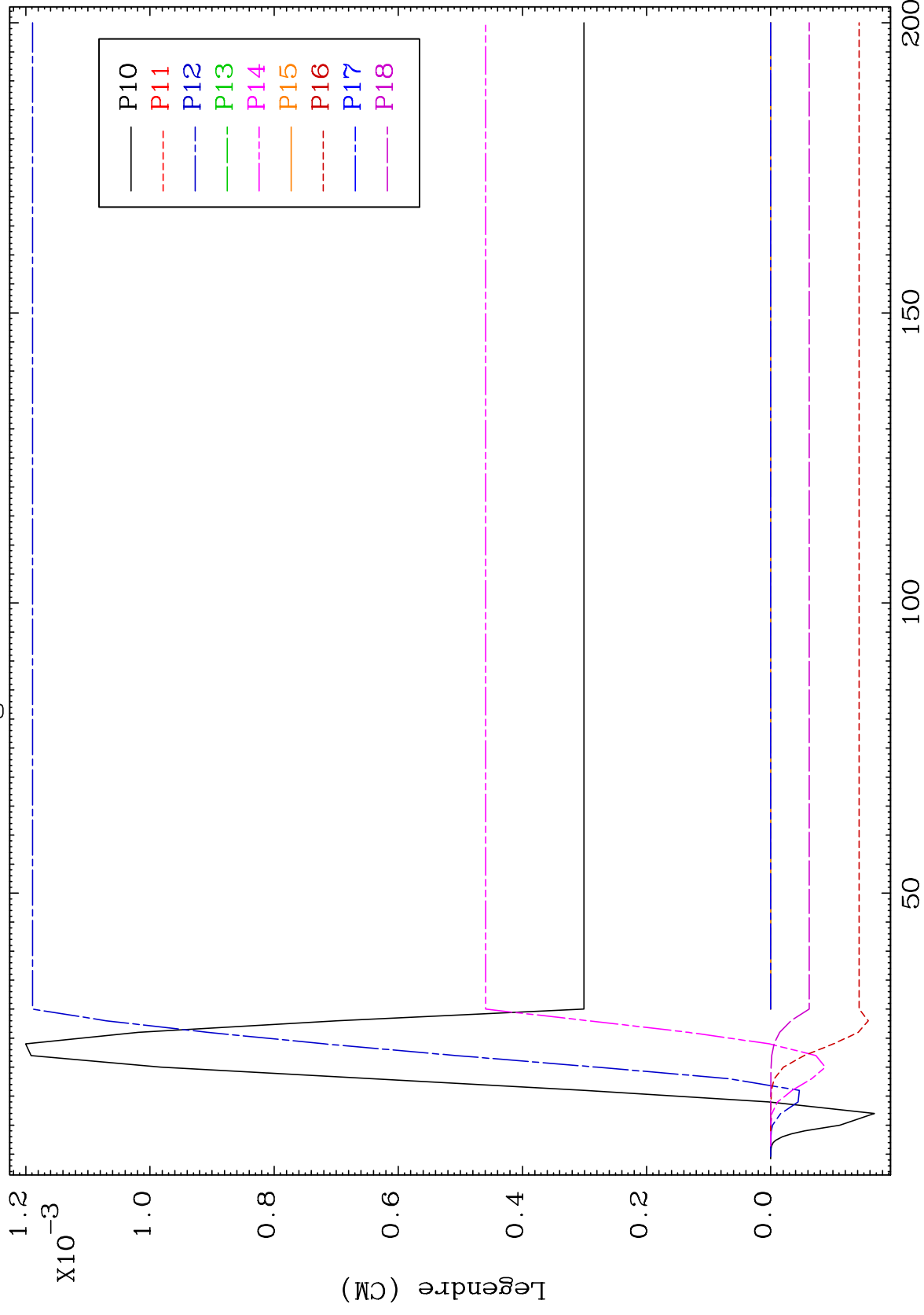
Incident Energy (MeV)

52-Te-136

MAT 5273

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

52-Te-136

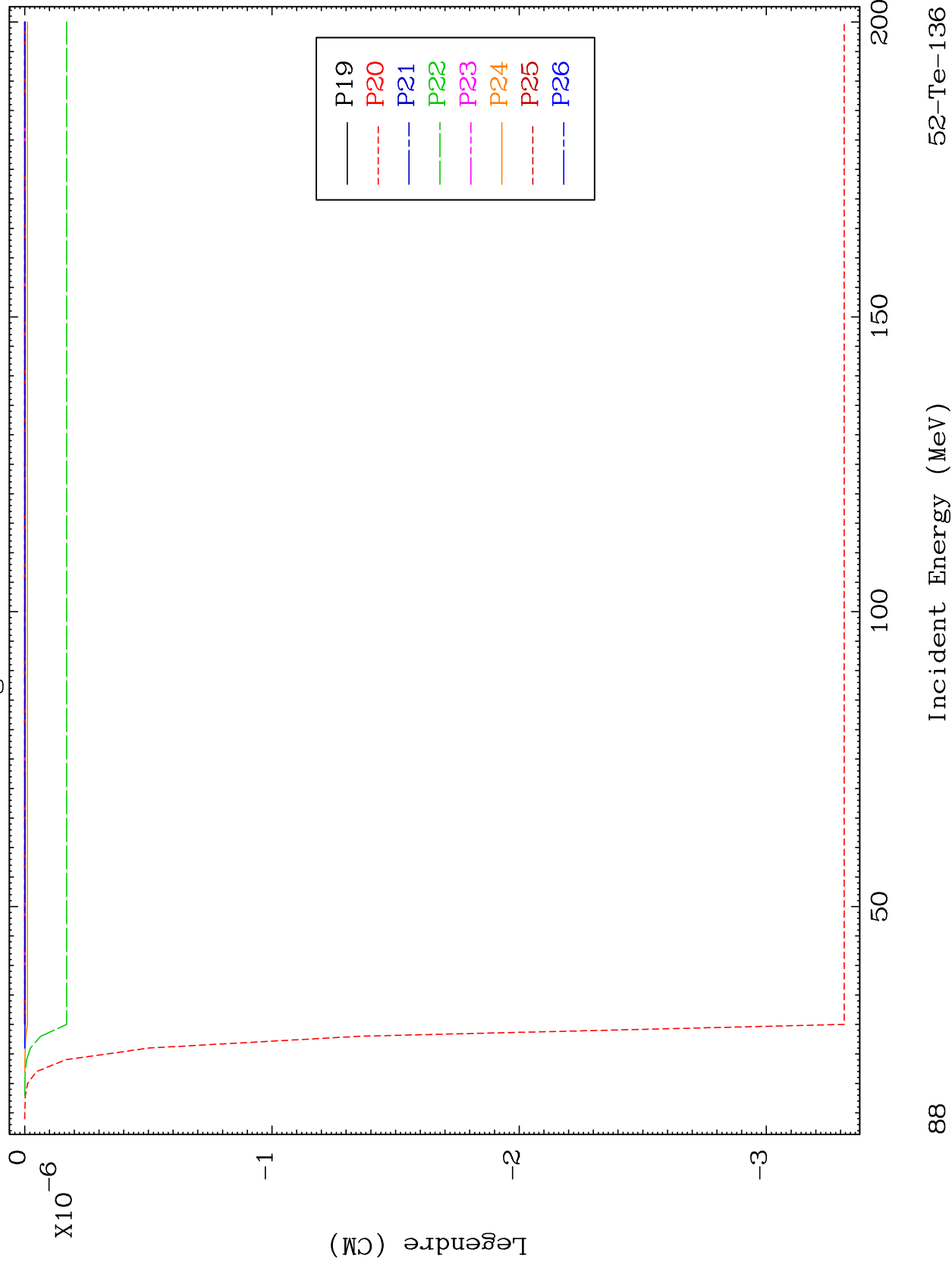




MAT 5273

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

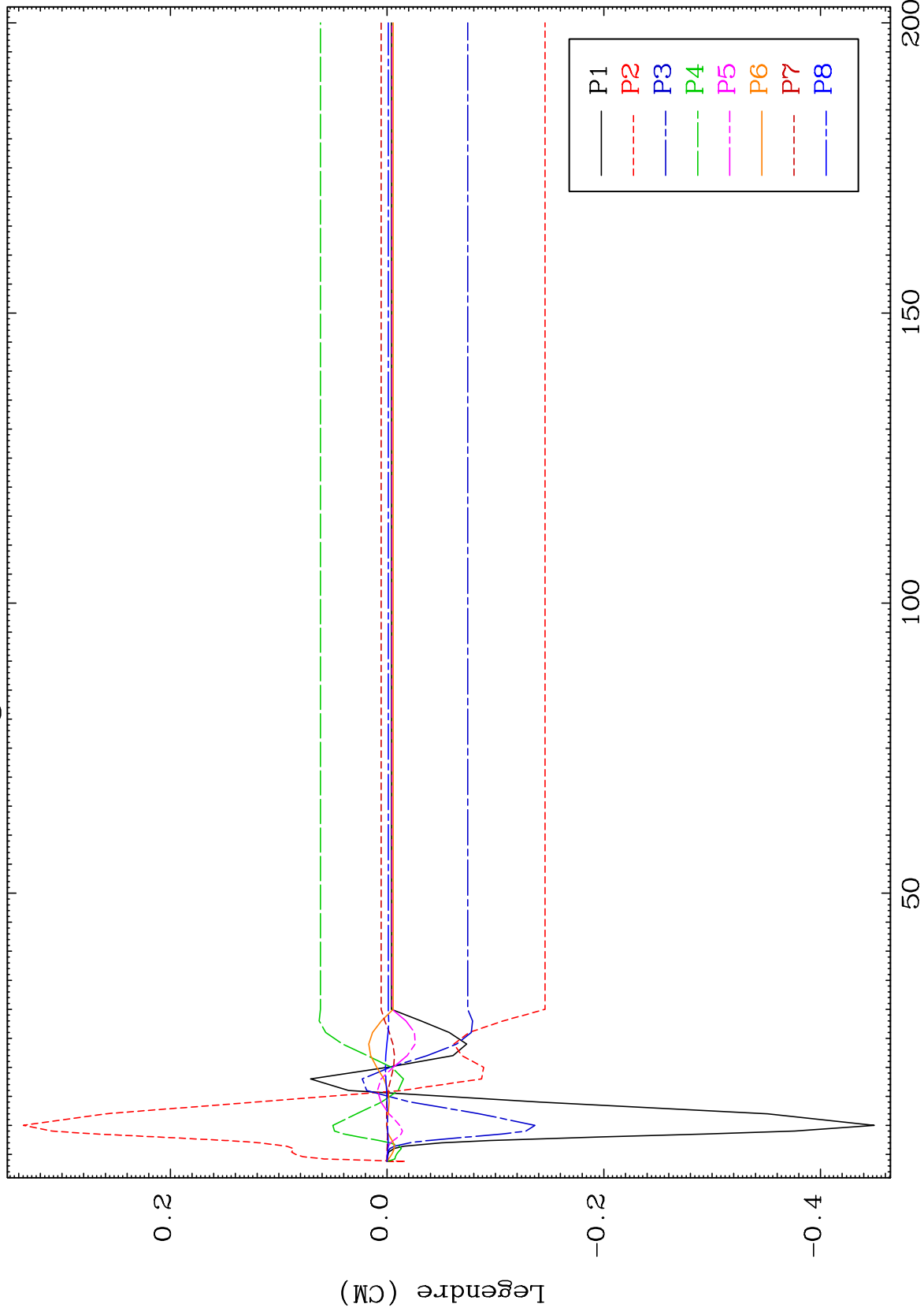
52-Te-136



MAT 5273

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

52-Te-136



89

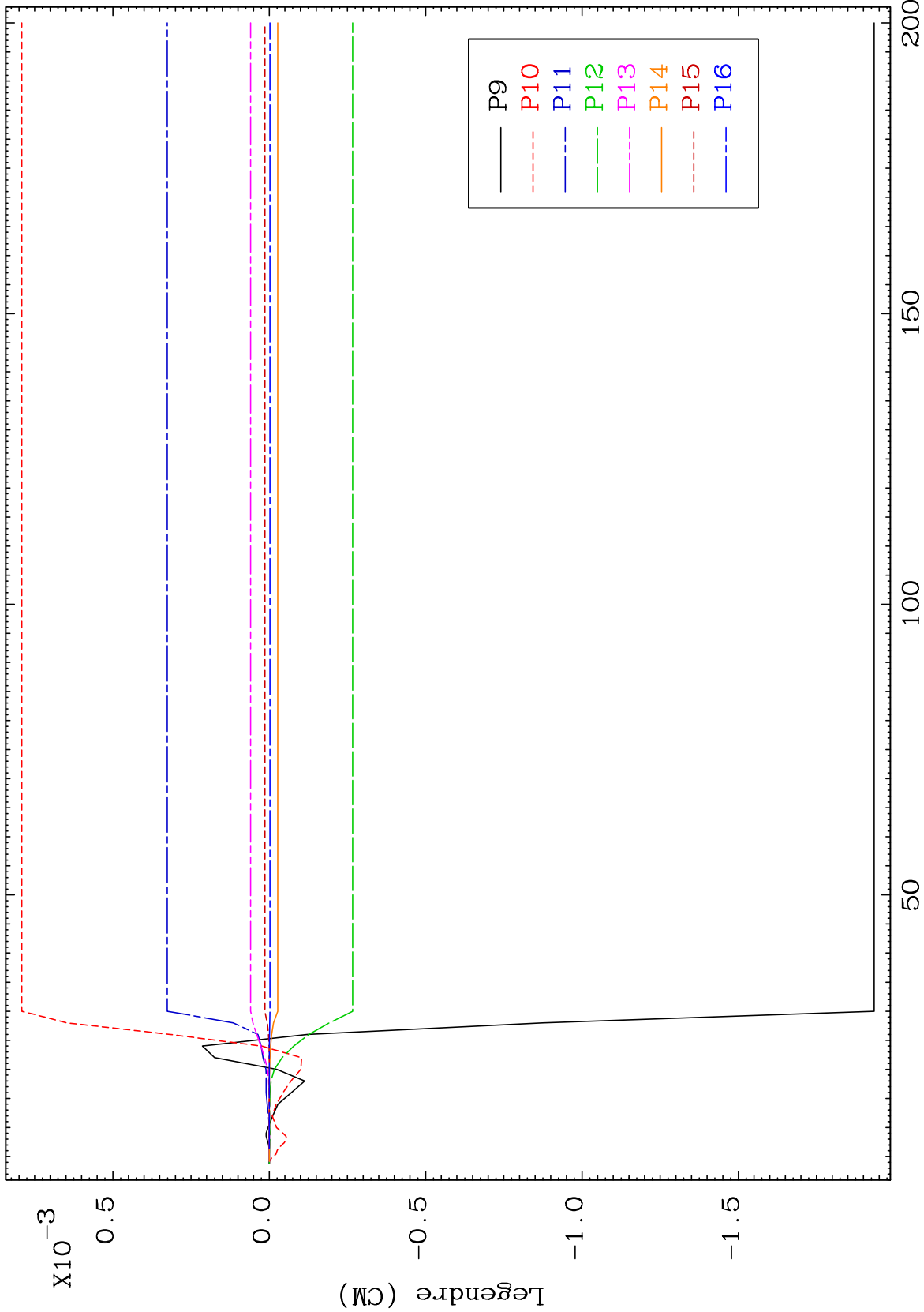
Incident Energy (MeV)

52-Te-136

MAT 5273

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

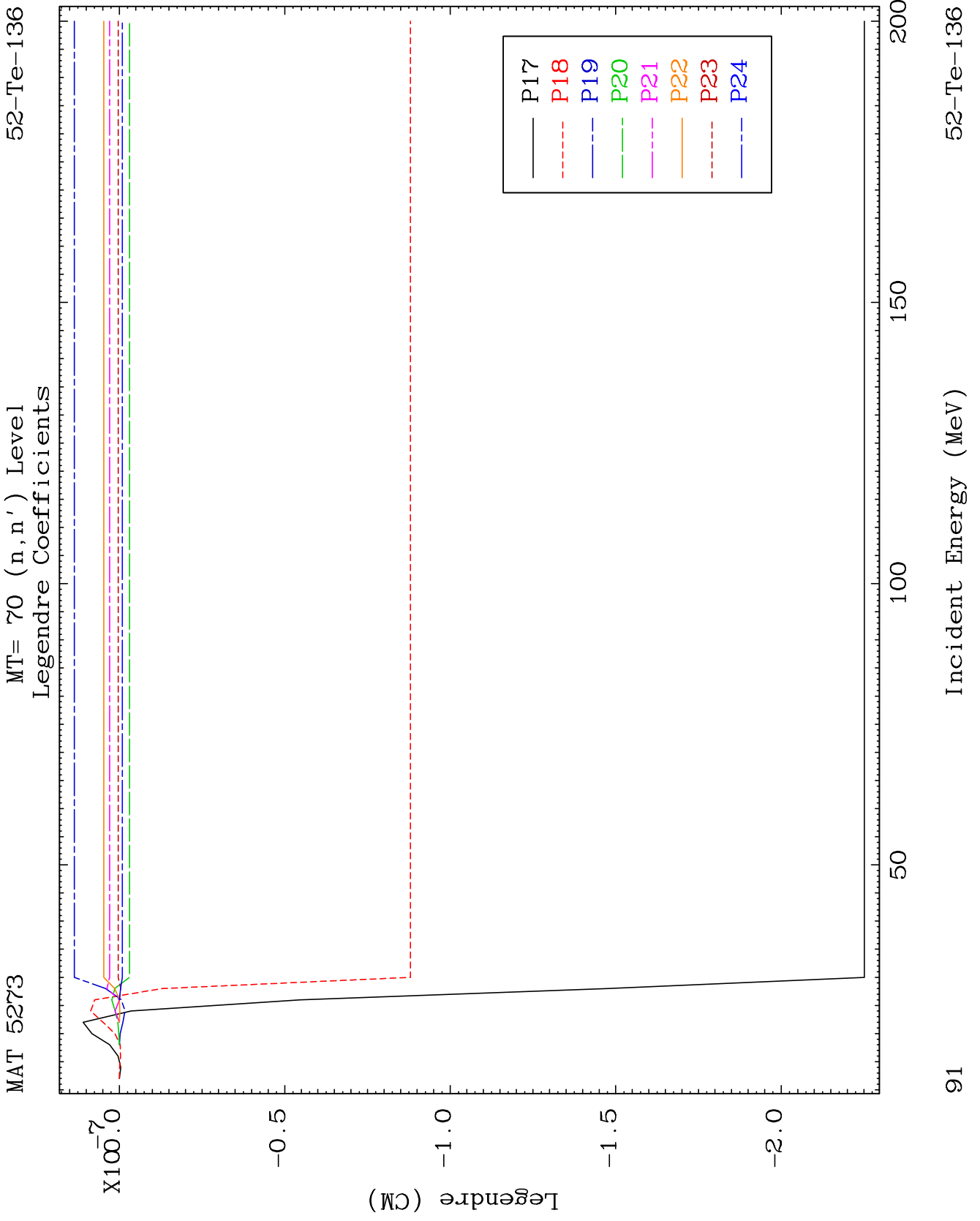
52-Te-136



90

Incident Energy (MeV)

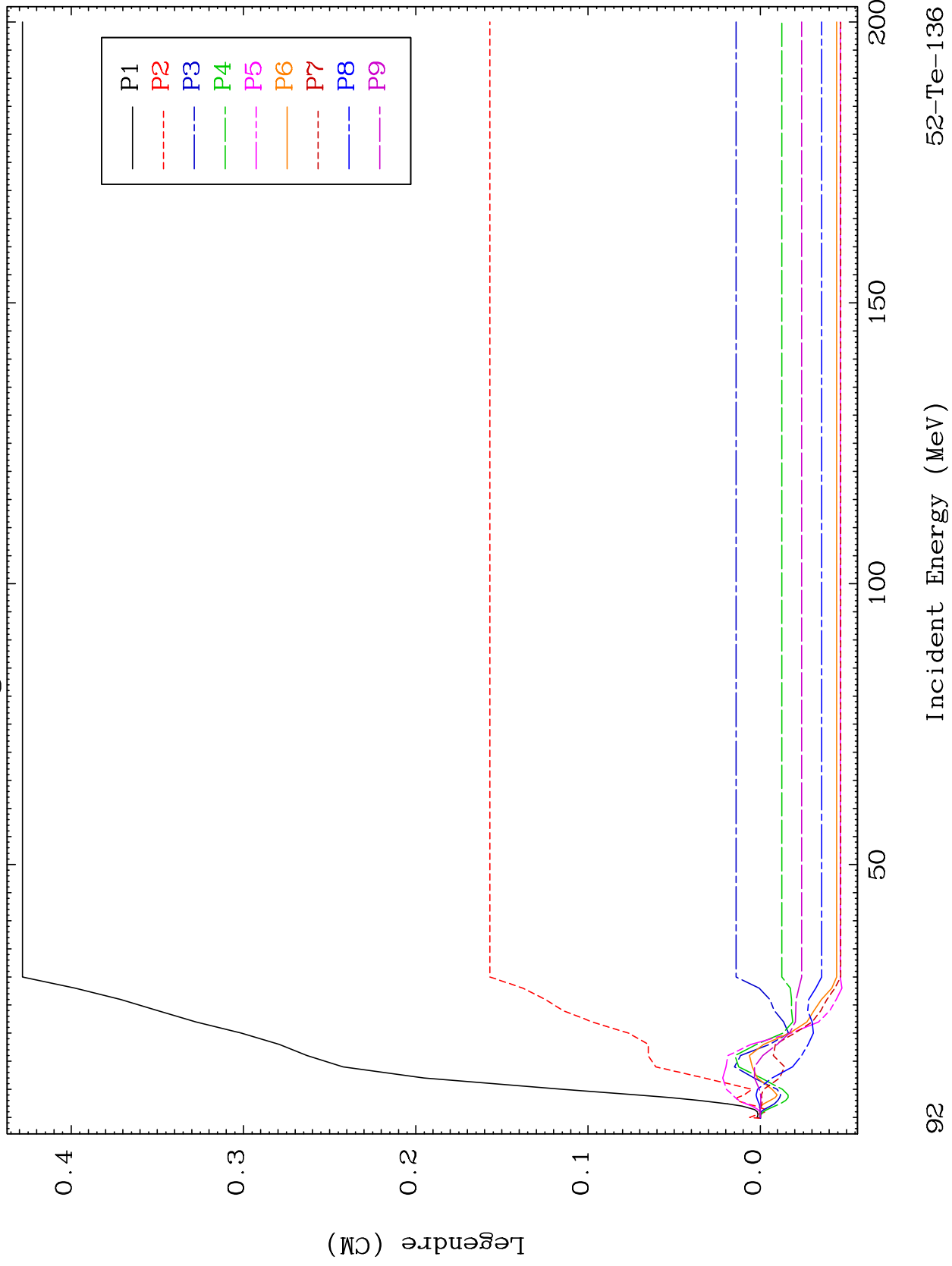
52-Te-136

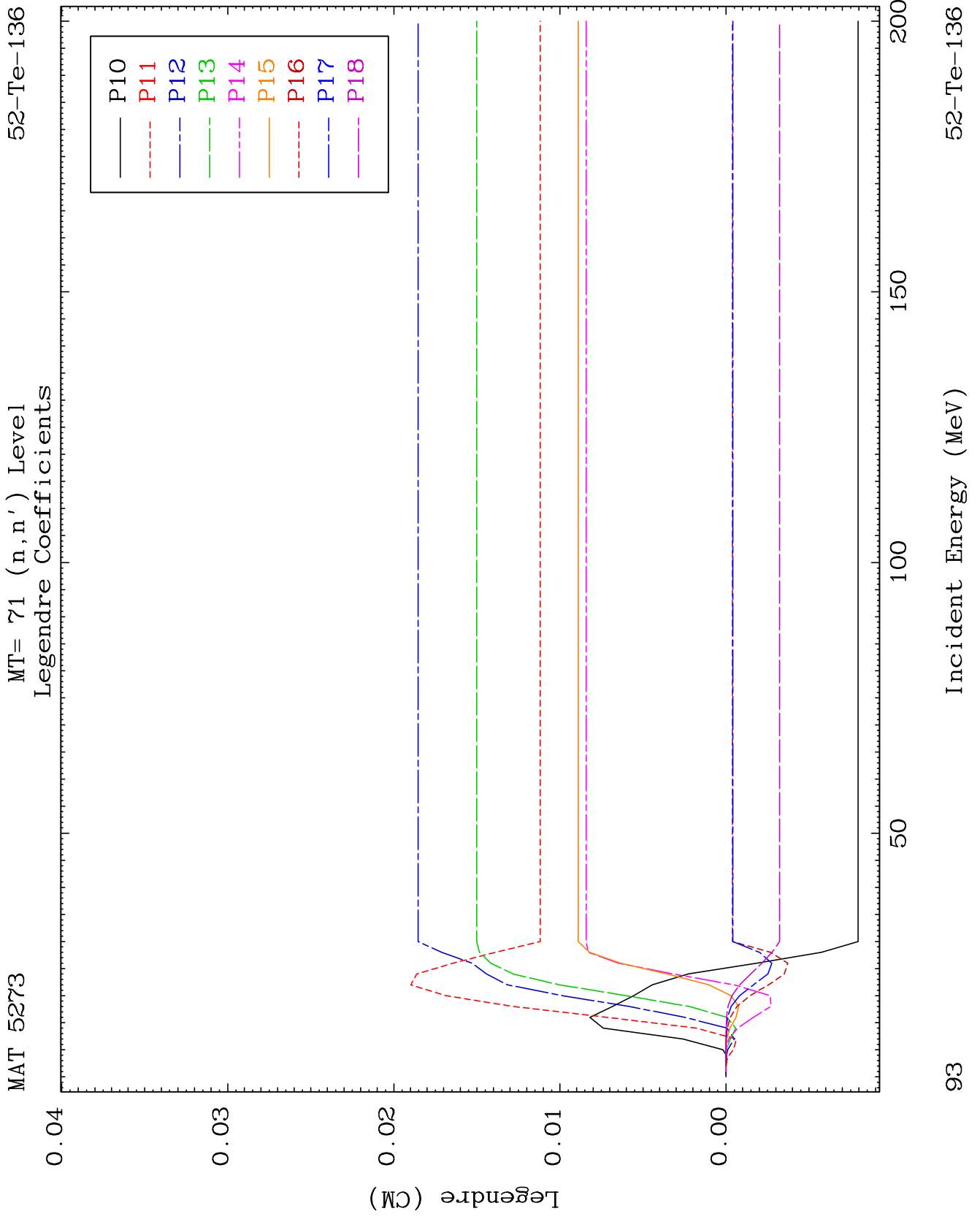


MAT 5273

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

52-Te-136

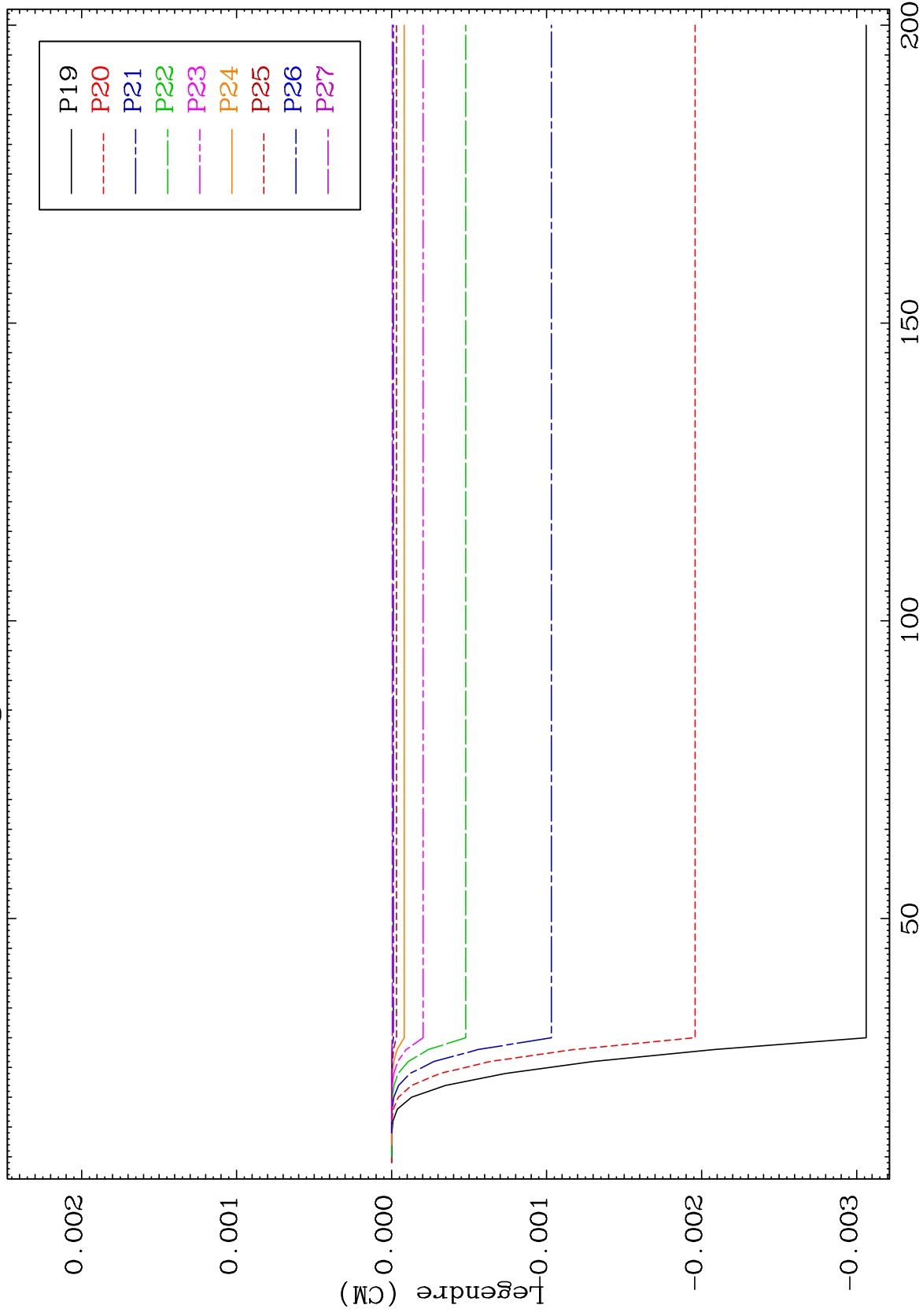


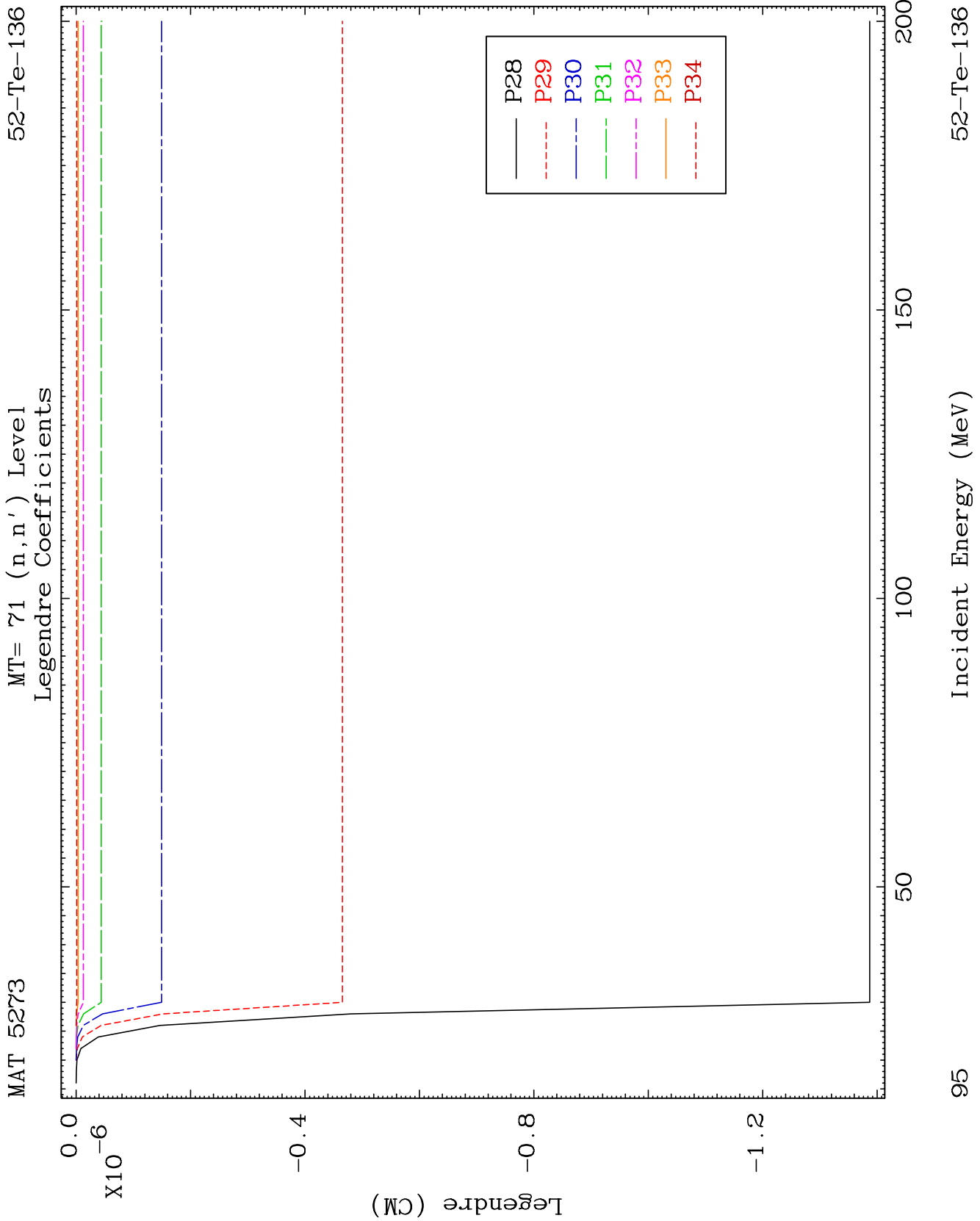


MAT 5273

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

52-Te-136





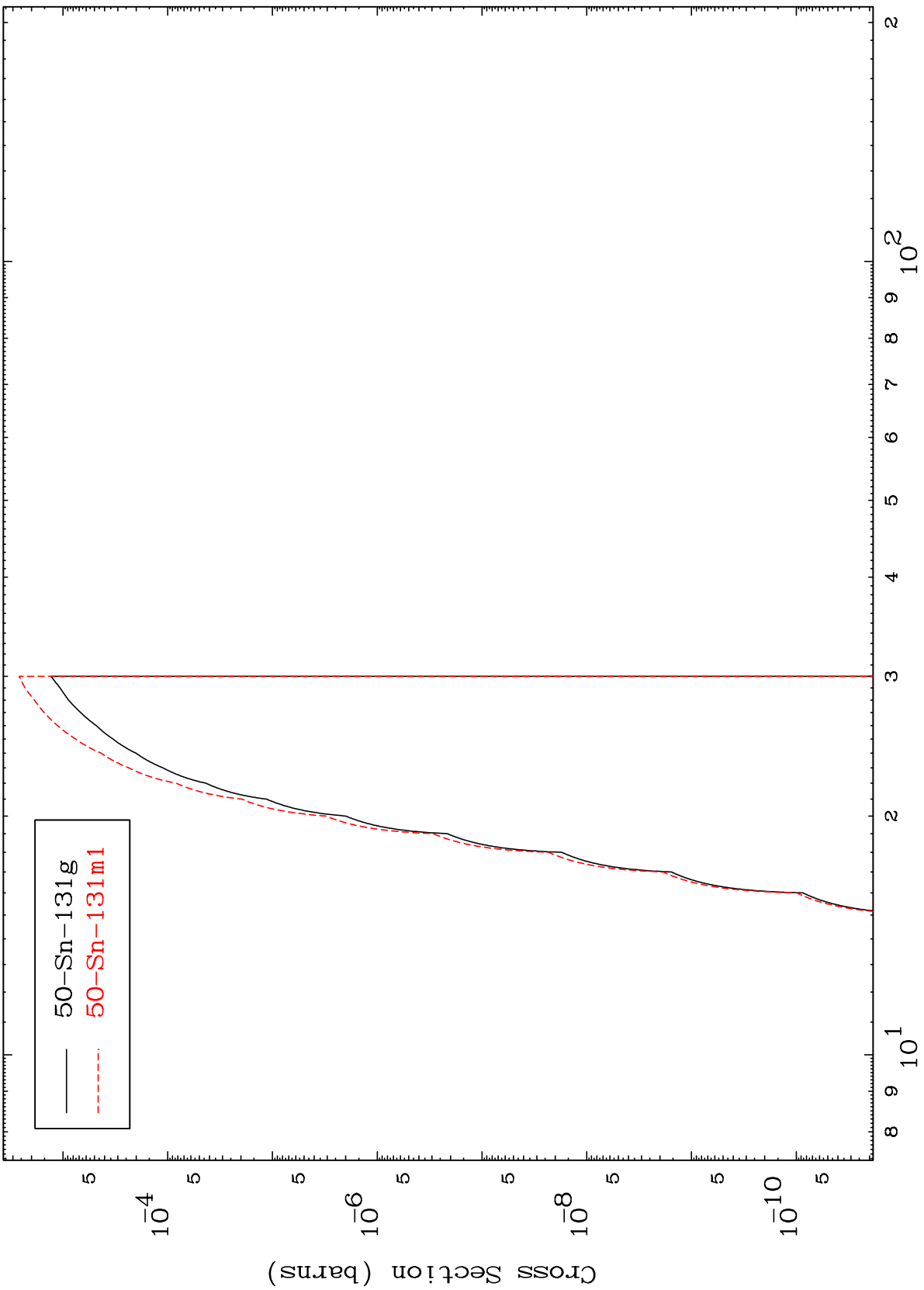


MAT 5273

(n,2n)  $\alpha$

52-Te-136

Radionuclide Production Cross Section



96

Incident Energy (MeV)

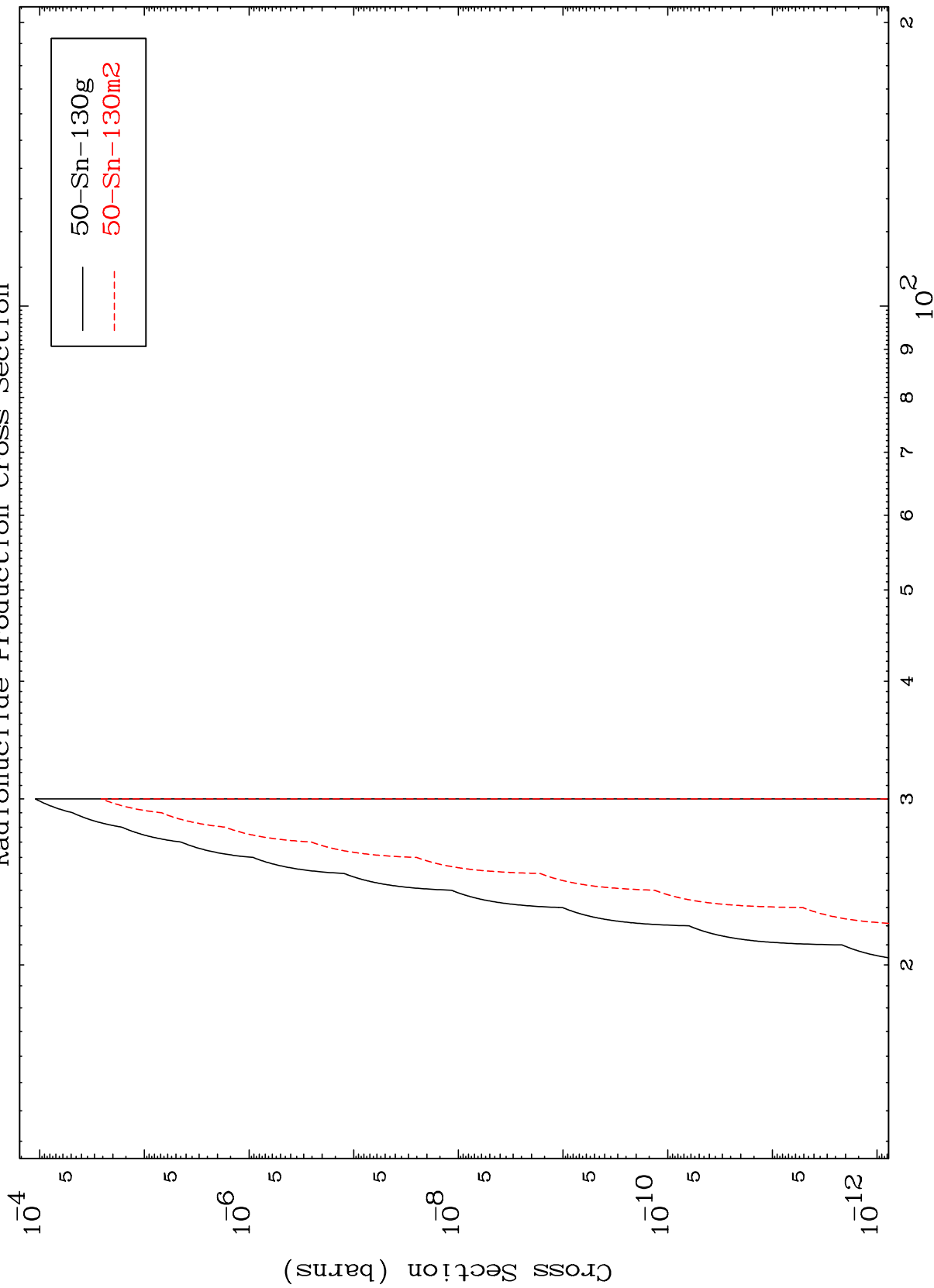
52-Te-136

MAT 5273

(n,3n)  $\alpha$

52-Te-136

Radionuclide Production Cross Section

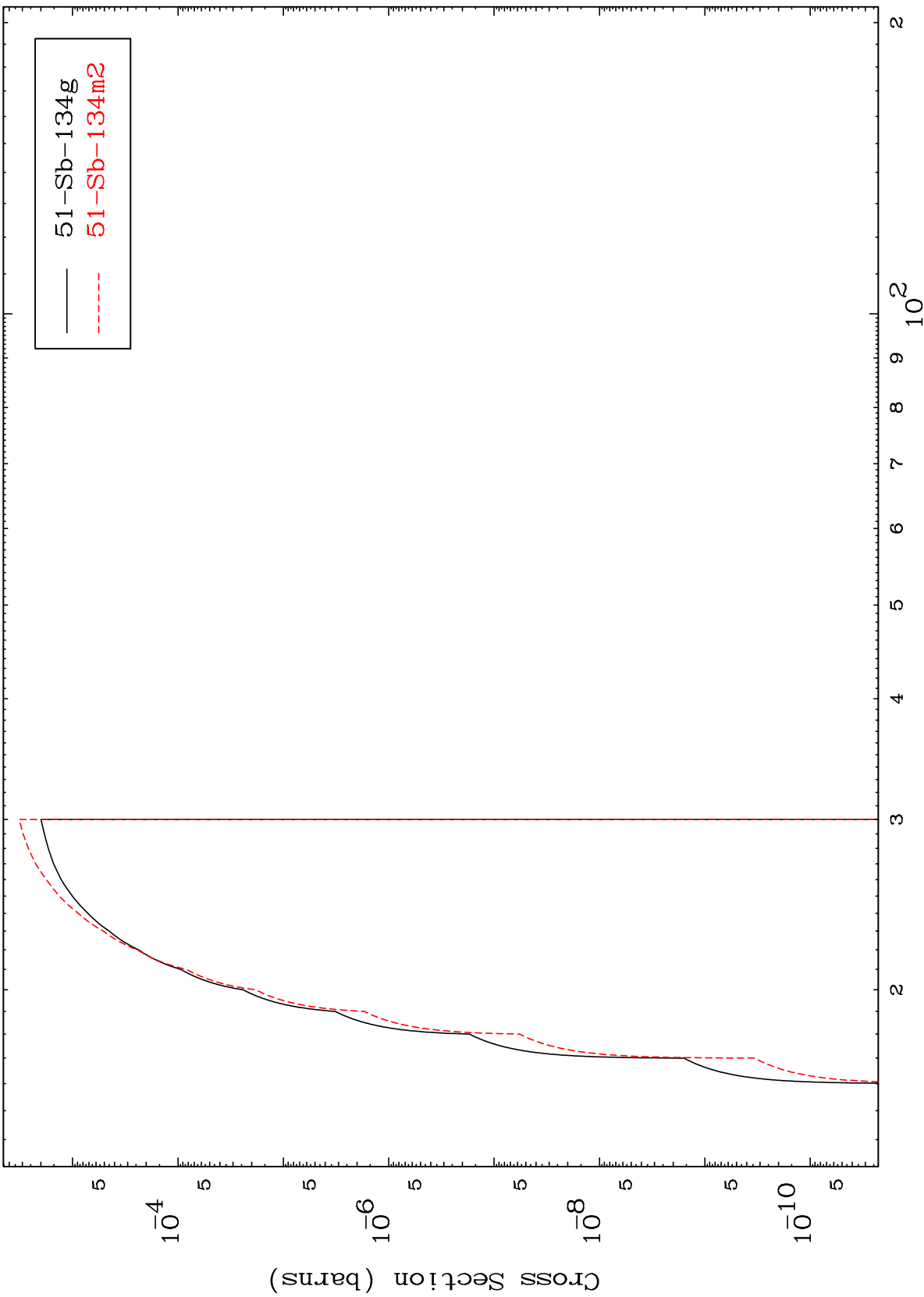


97

Incident Energy (MeV)

52-Te-136

Radionuclide Production Cross Section

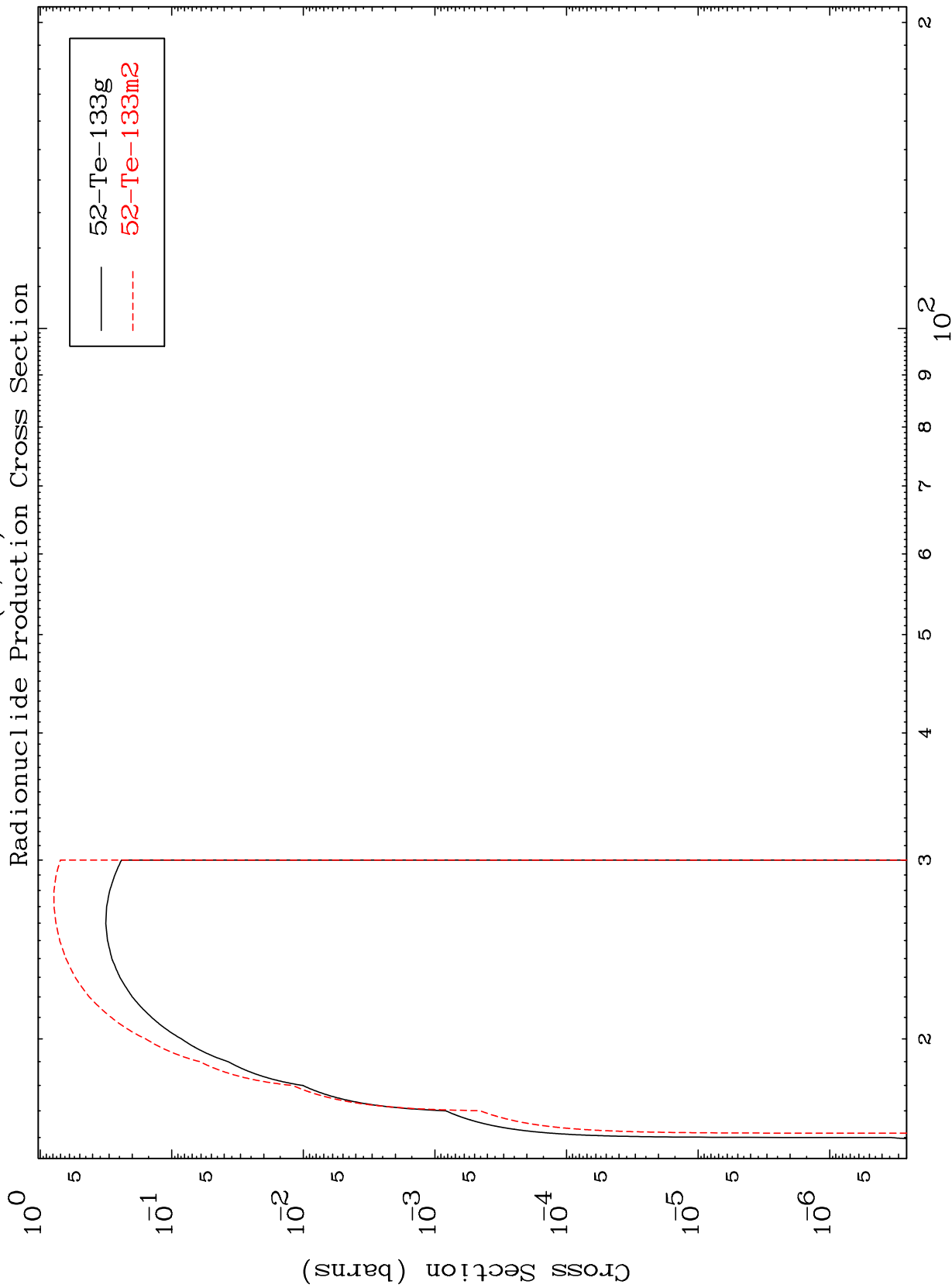


51-Sb-134g  
51-Sb-134m2

MAT 5273

52-Te-136

(n,4n)  
Radionuclide Production Cross Section



99

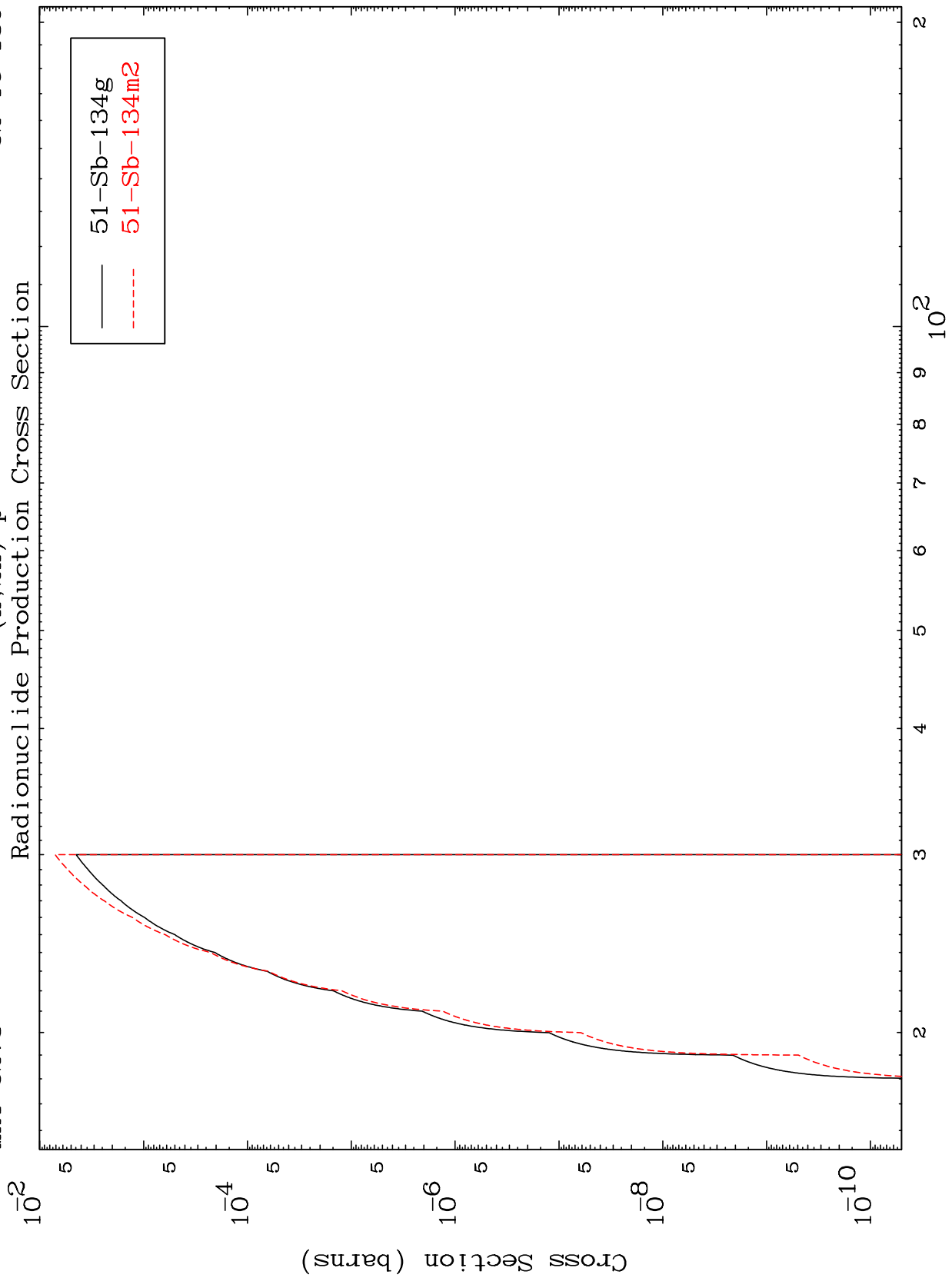
52-Te-136

Incident Energy (MeV)

MAT 5273

52-Te-136

(n,2n) p  
Radionuclide Production Cross Section



51-Sb-134g  
51-Sb-134m2

52-Te-136

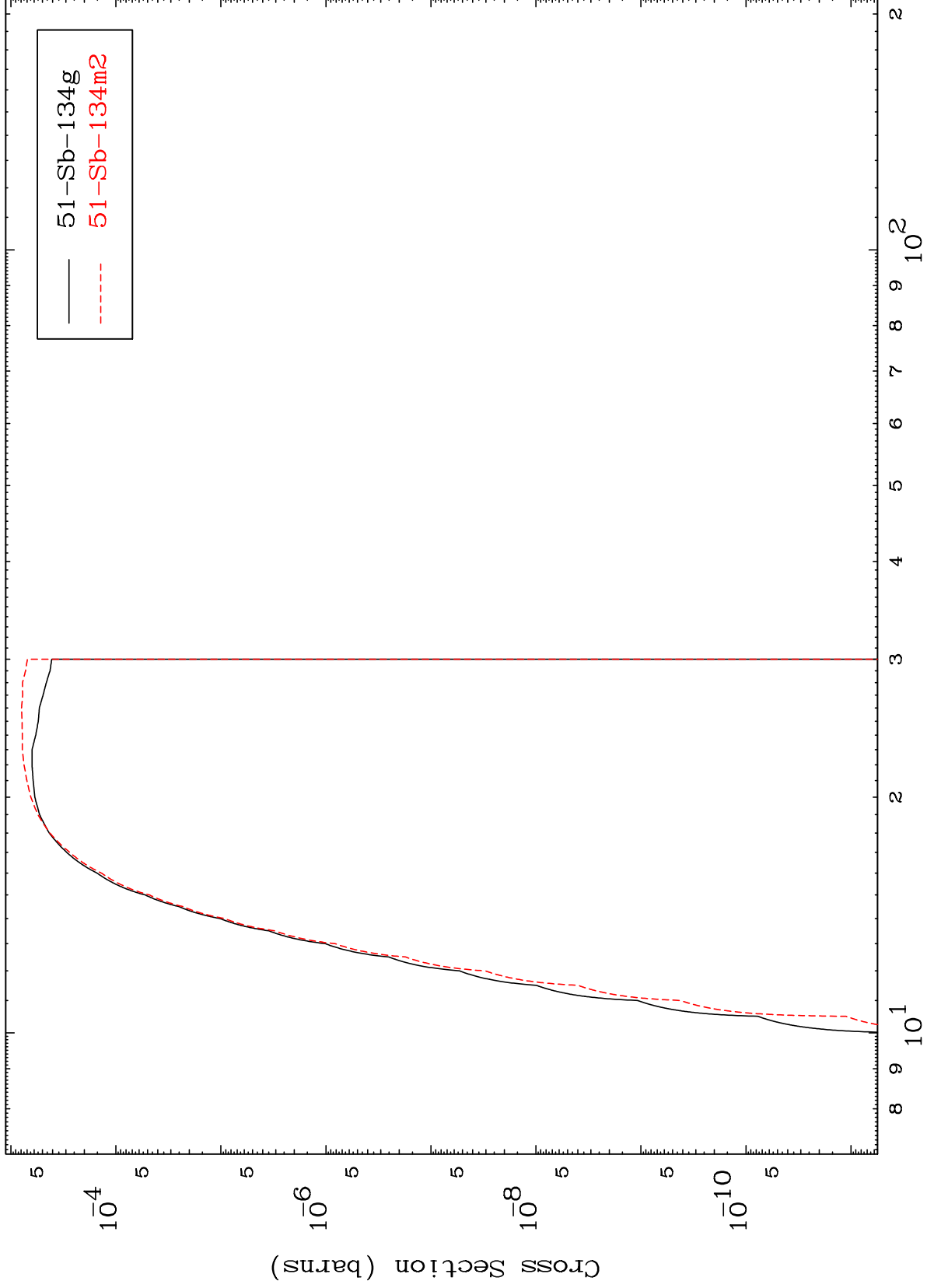
Incident Energy (MeV)

100

MAT 5273

52-Te-136

(n, t)  
Radionuclide Production Cross Section



101

Incident Energy (MeV)

52-Te-136