

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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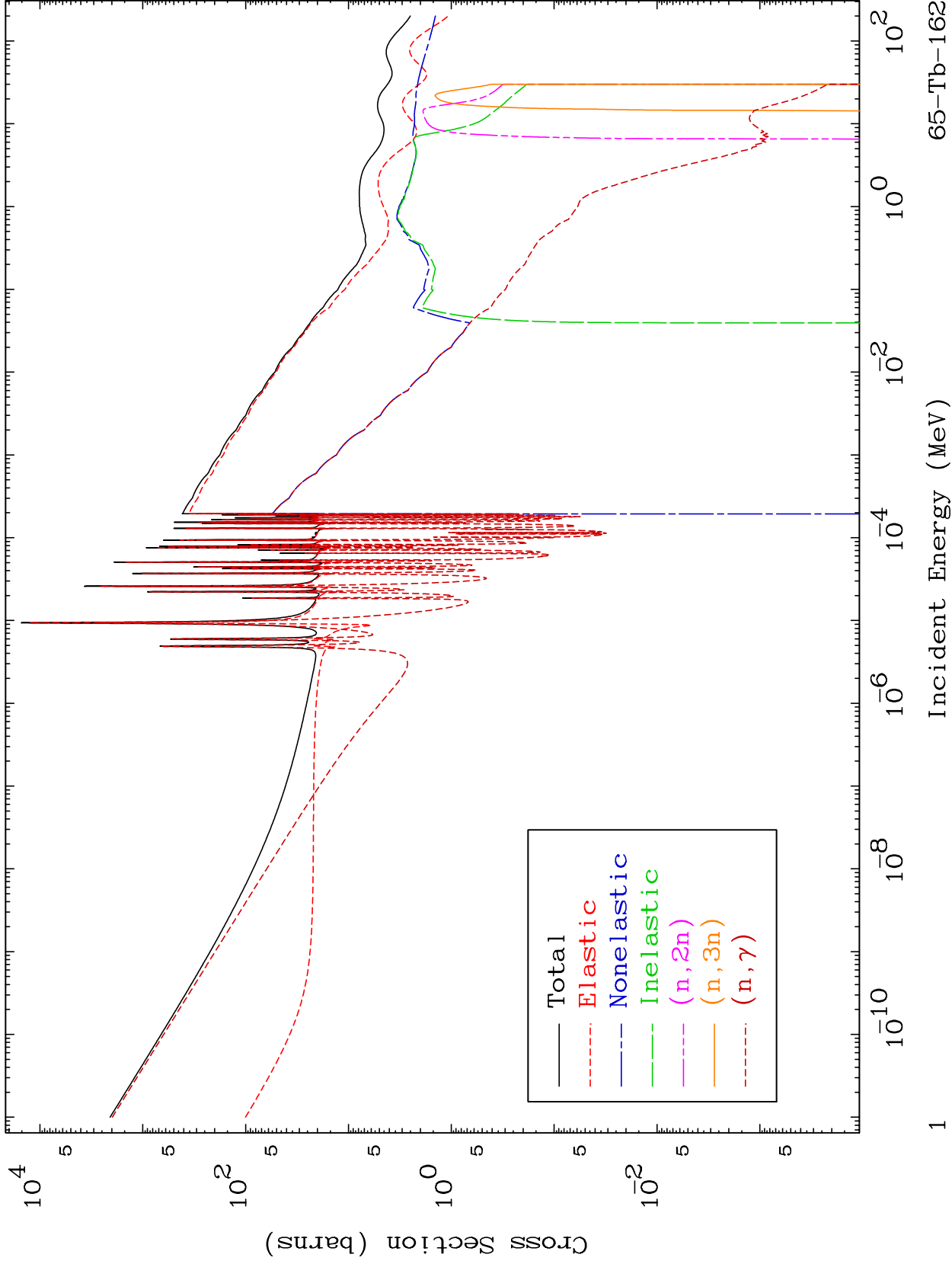
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6534

Neutron Major  
293 Kelvin Cross Sections

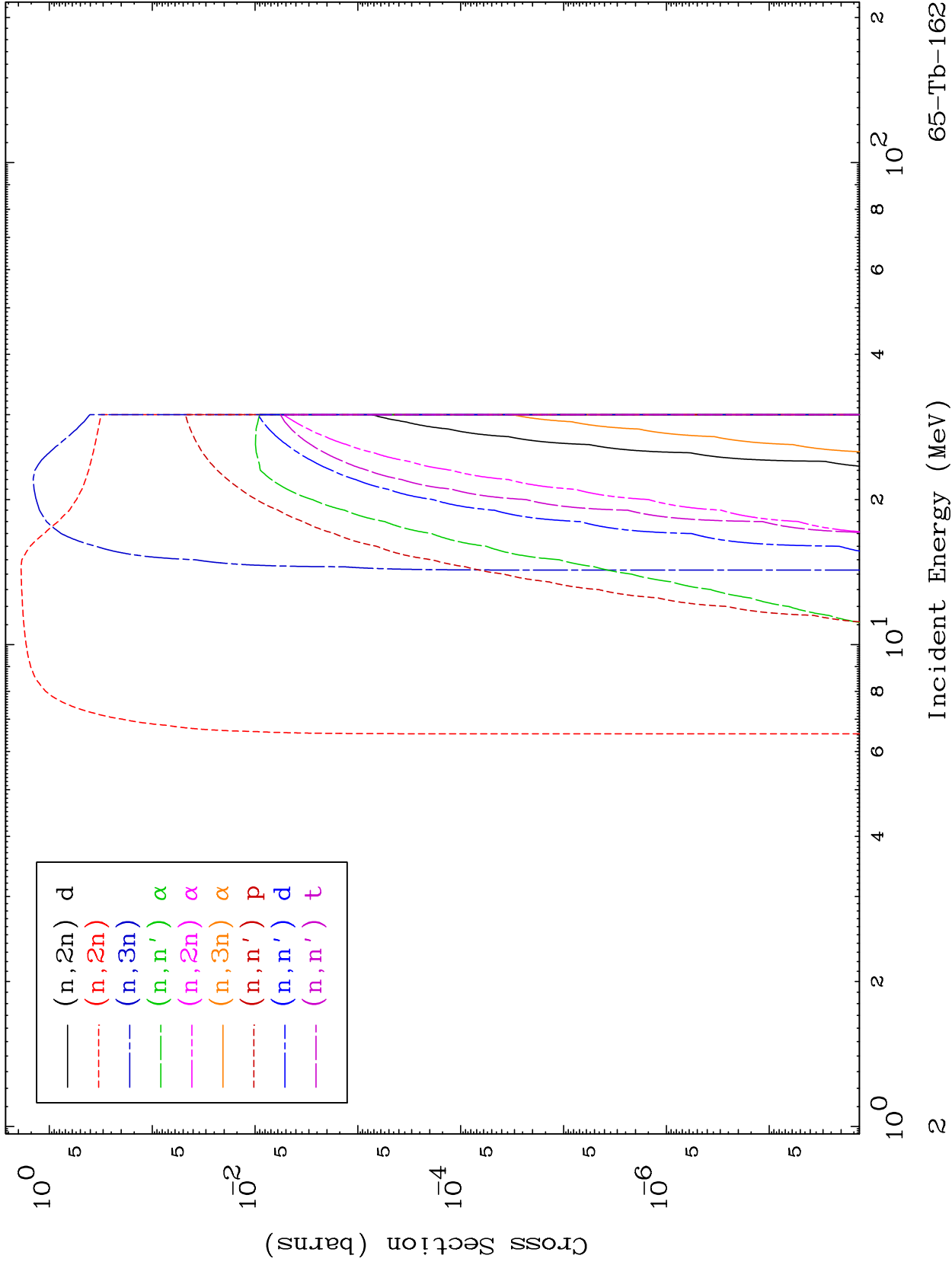
65-Tb-162



MAT 6534

Neutron Absorption  
293 Kelvin Cross Sections

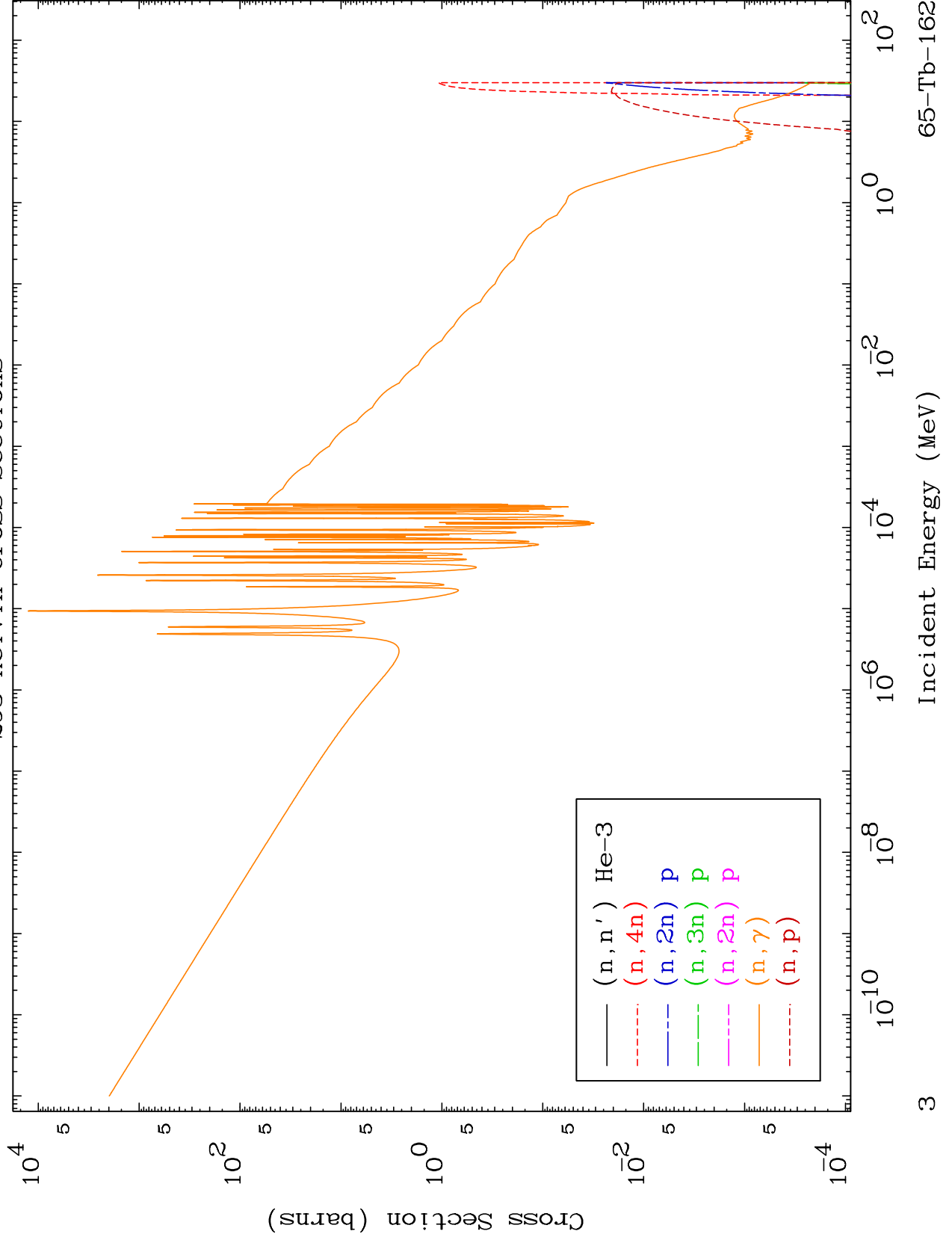
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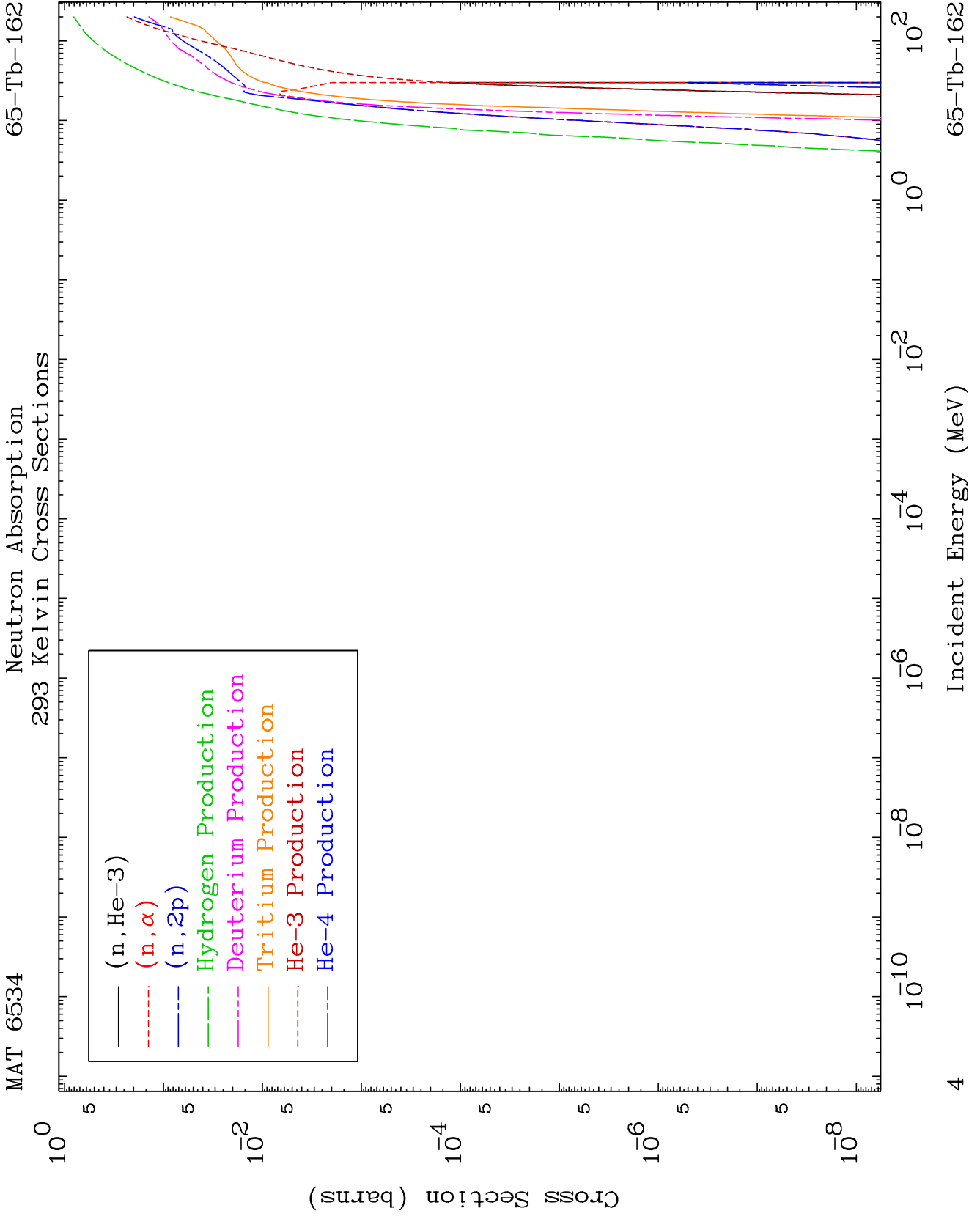


MAT 6534

Neutron Absorption  
293 Kelvin Cross Sections

65-Tb-162

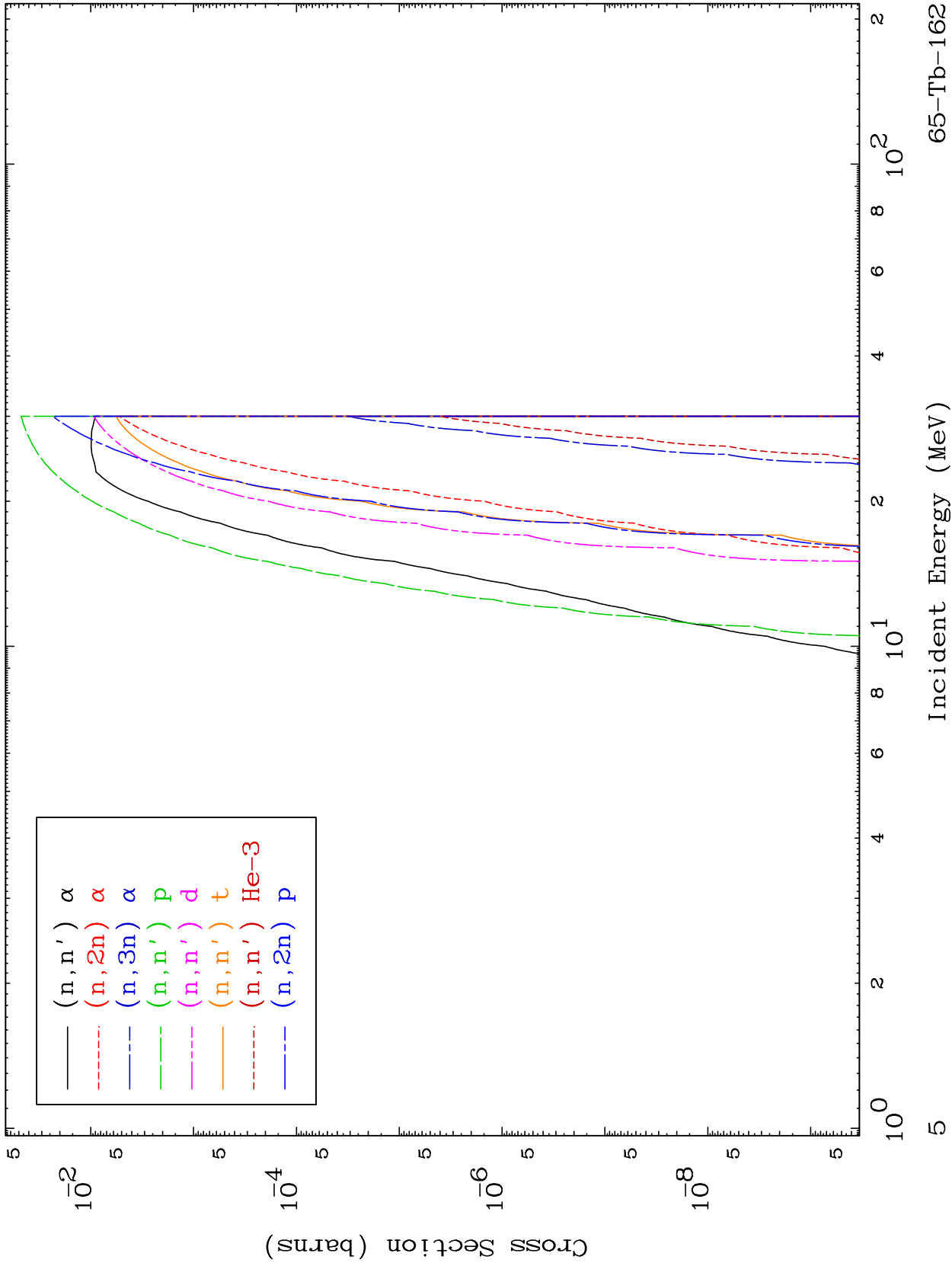




MAT 6534

Charged Particle  
293 Kelvin Cross Sections

65-Tb-162

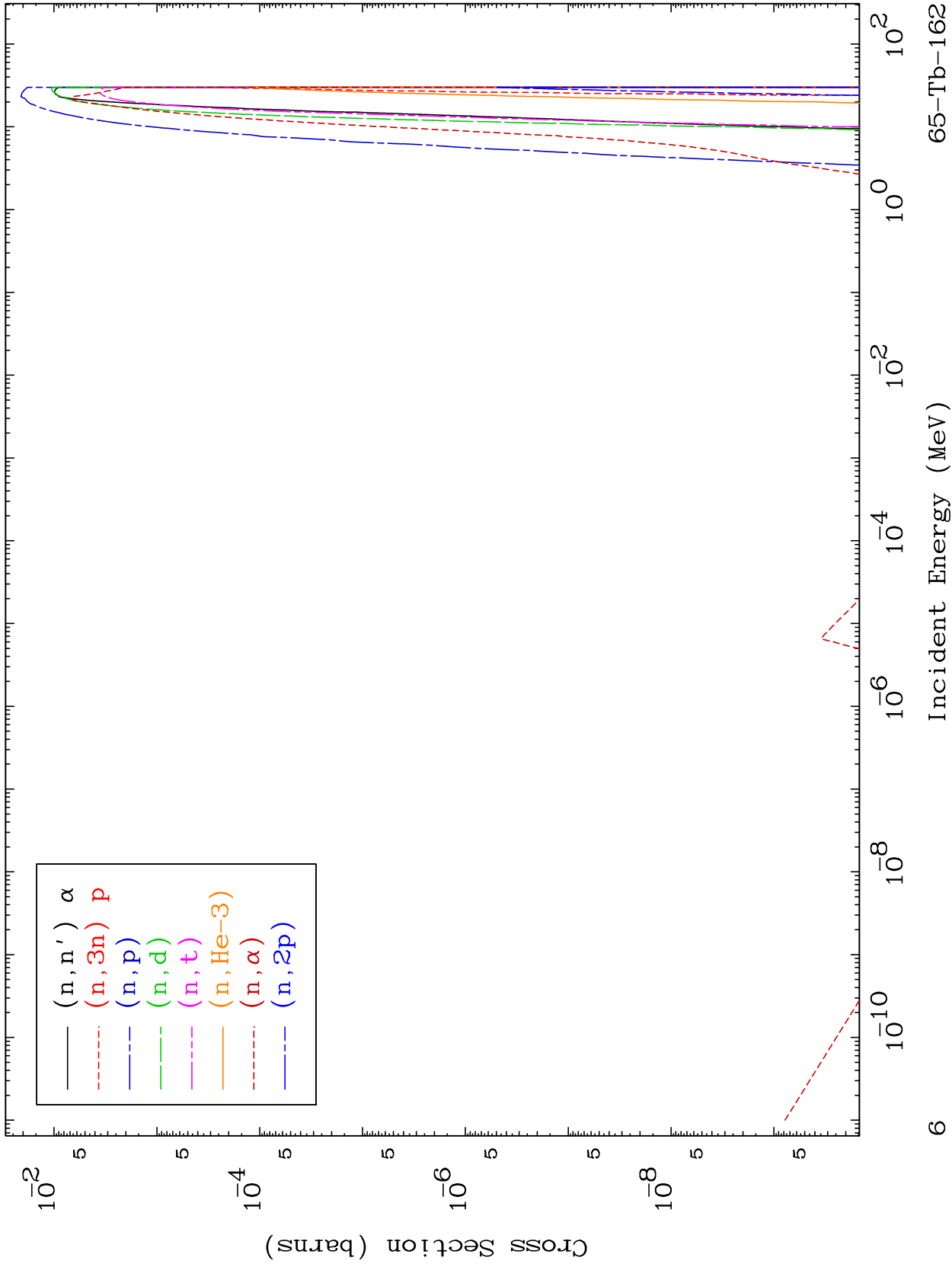


65-Tb-162

MAT 6534

Charged Particle  
293 Kelvin Cross Sections

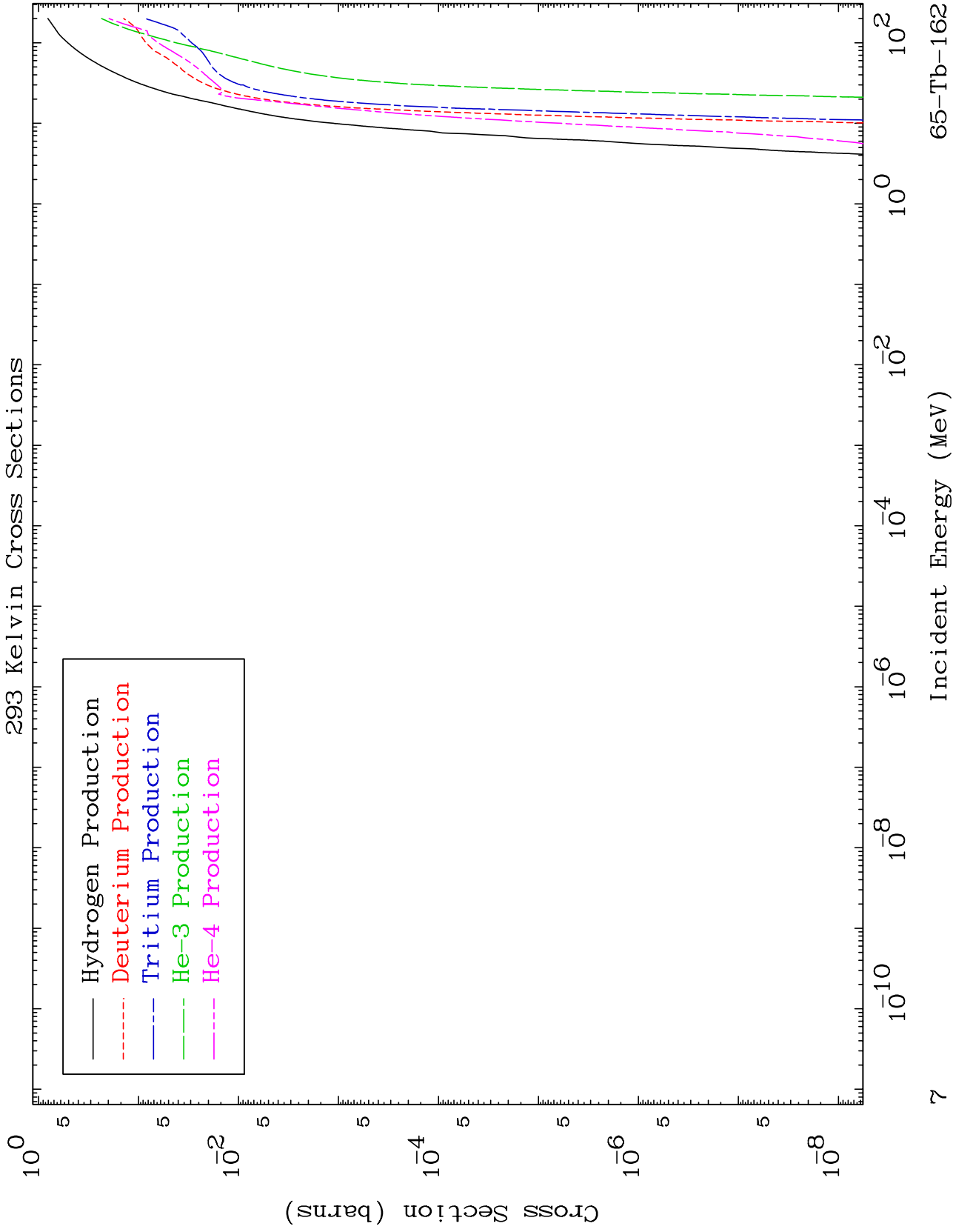
65-Tb-162



MAT 6534

Particle Production  
293 Kelvin Cross Sections

65-Tb-162

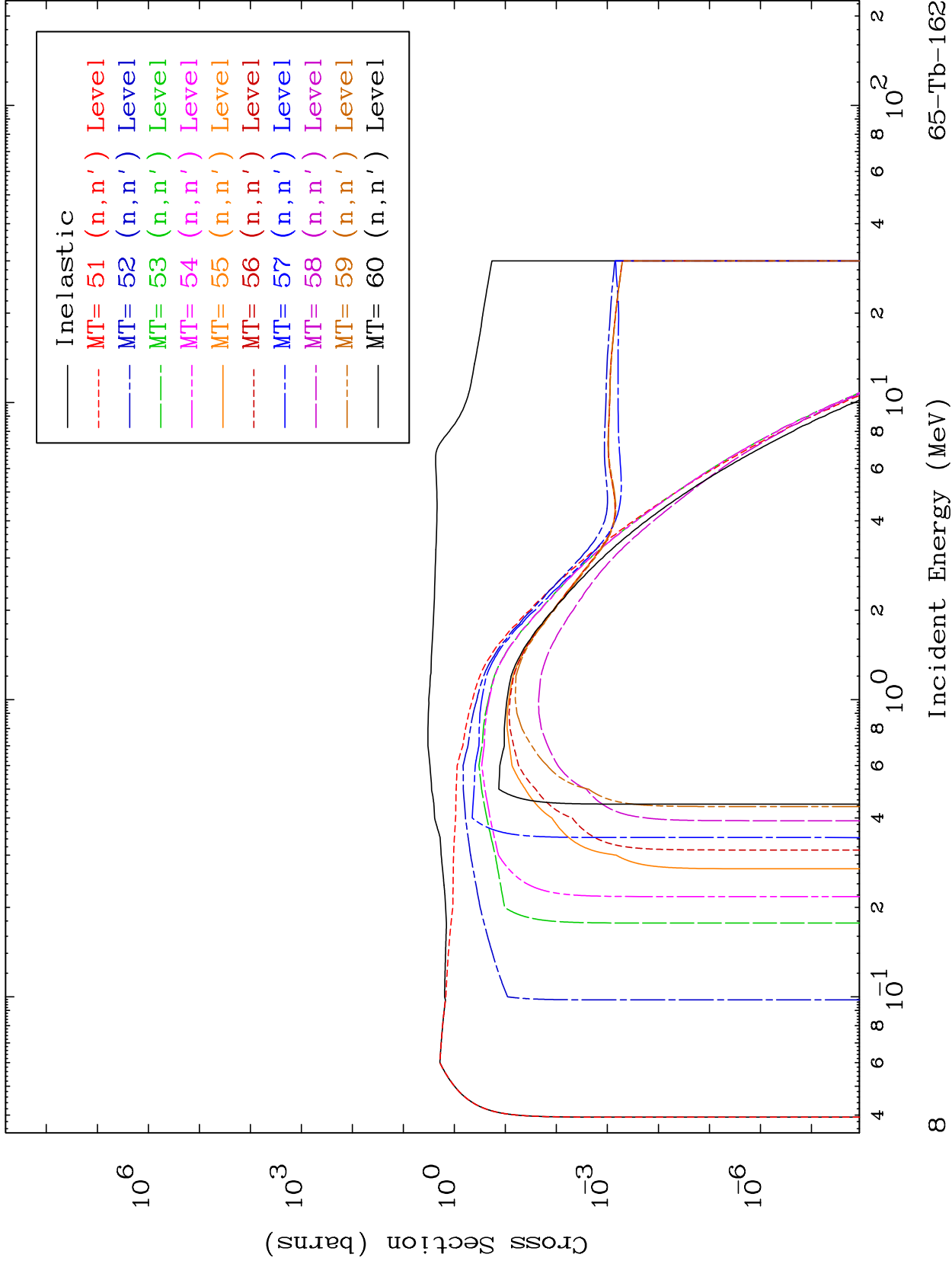


MAT 6534

(n,n') Levels

65-Tb-162

293 Kelvin Cross Sections

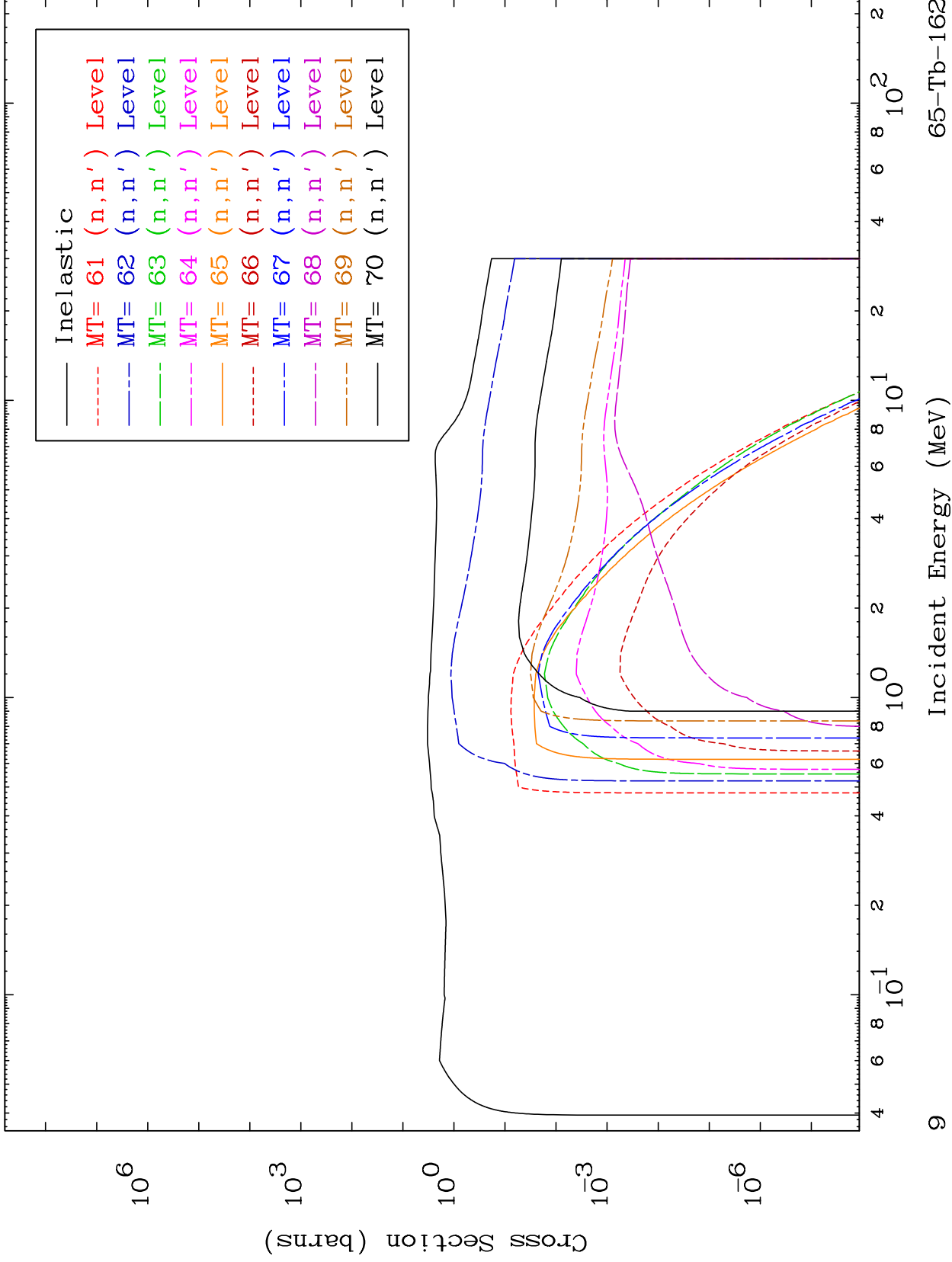


MAT 6534

(n,n') Levels

65-Tb-162

293 Kelvin Cross Sections

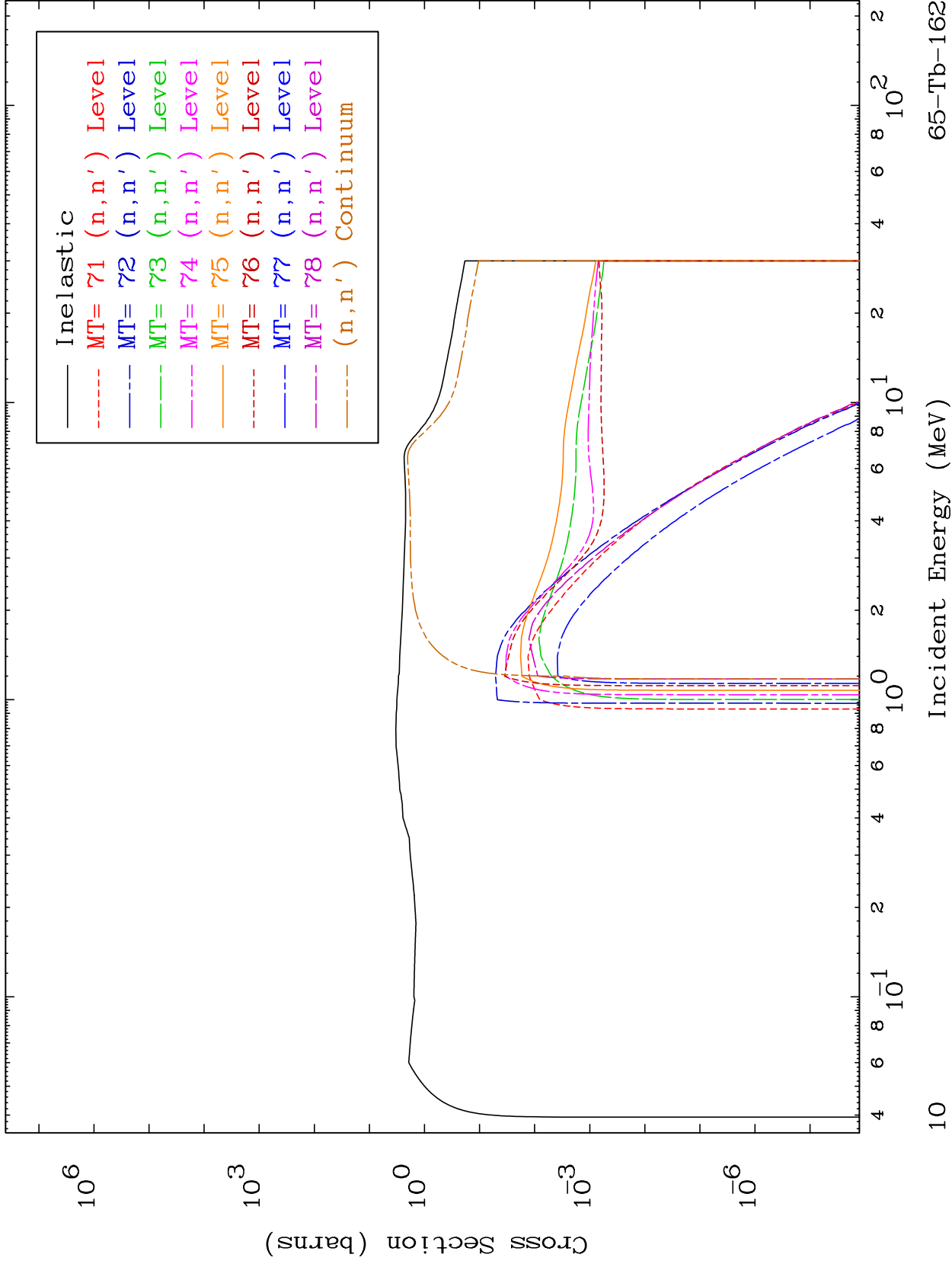


MAT 6534

(n,n') Levels

293 Kelvin Cross Sections

65-Tb-162

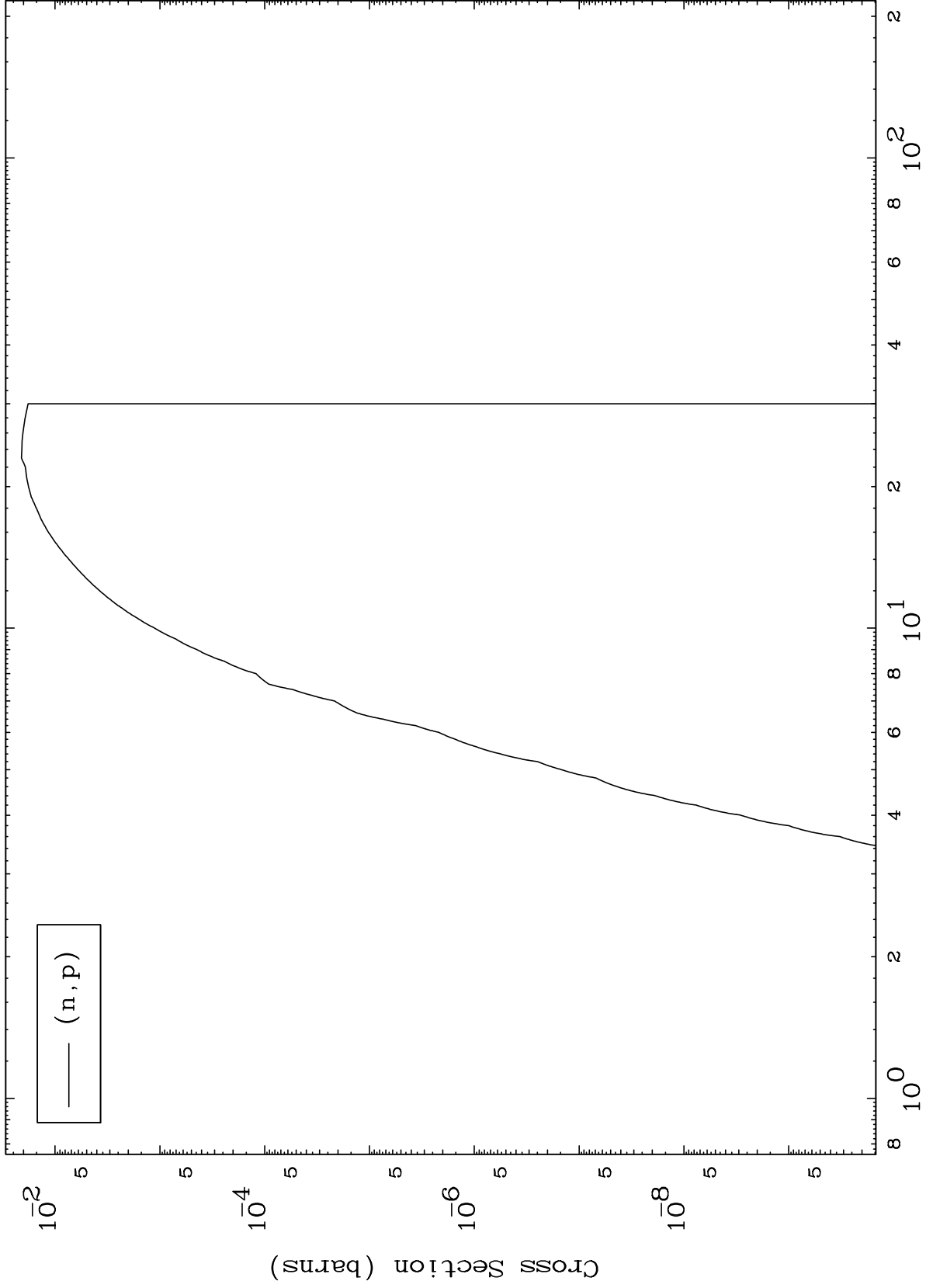


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MAT 6534

(n,p) Levels  
293 Kelvin Cross Sections

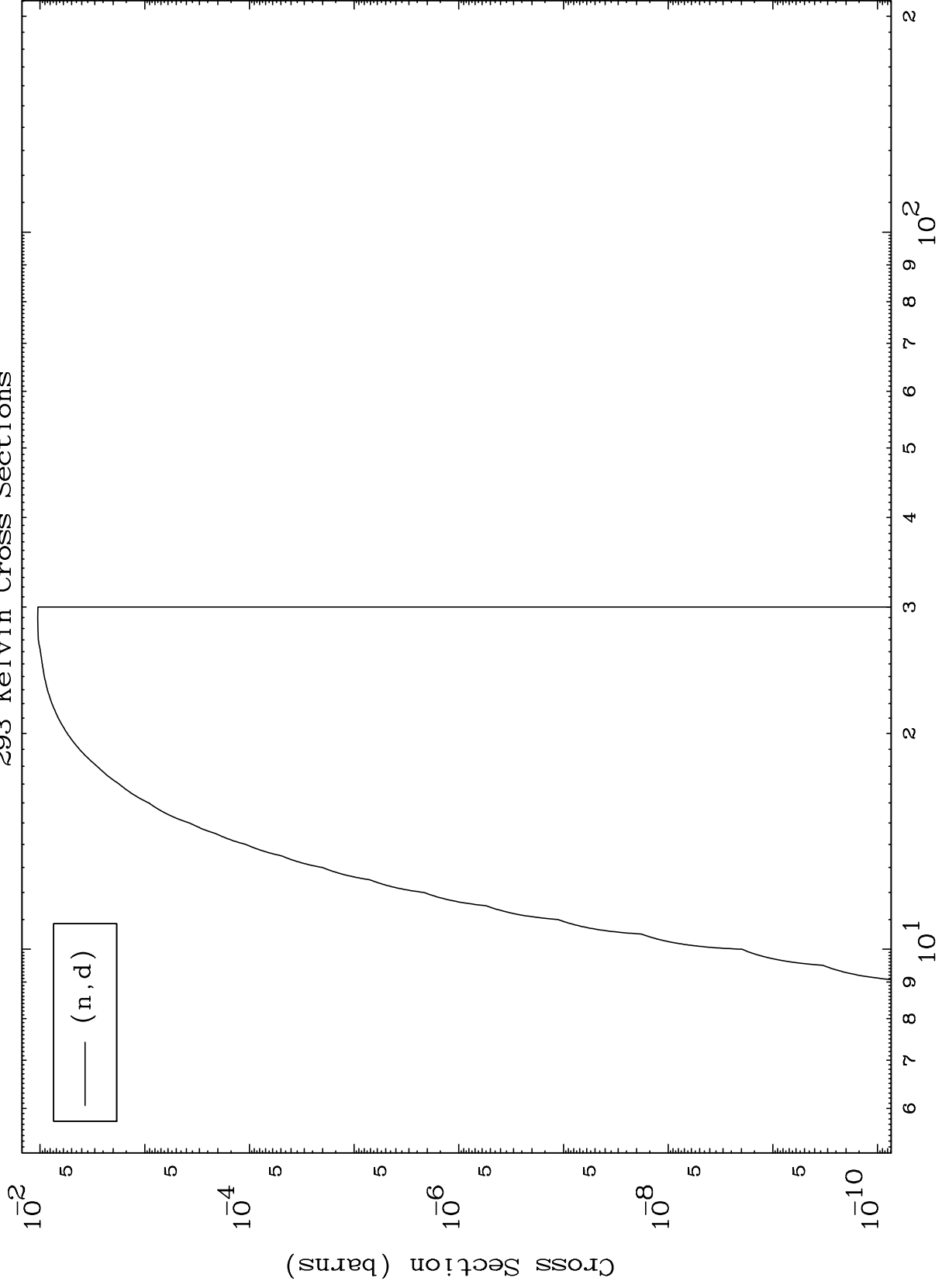
65-Tb-162



MAT 6534

(n,d) Levels  
293 Kelvin Cross Sections

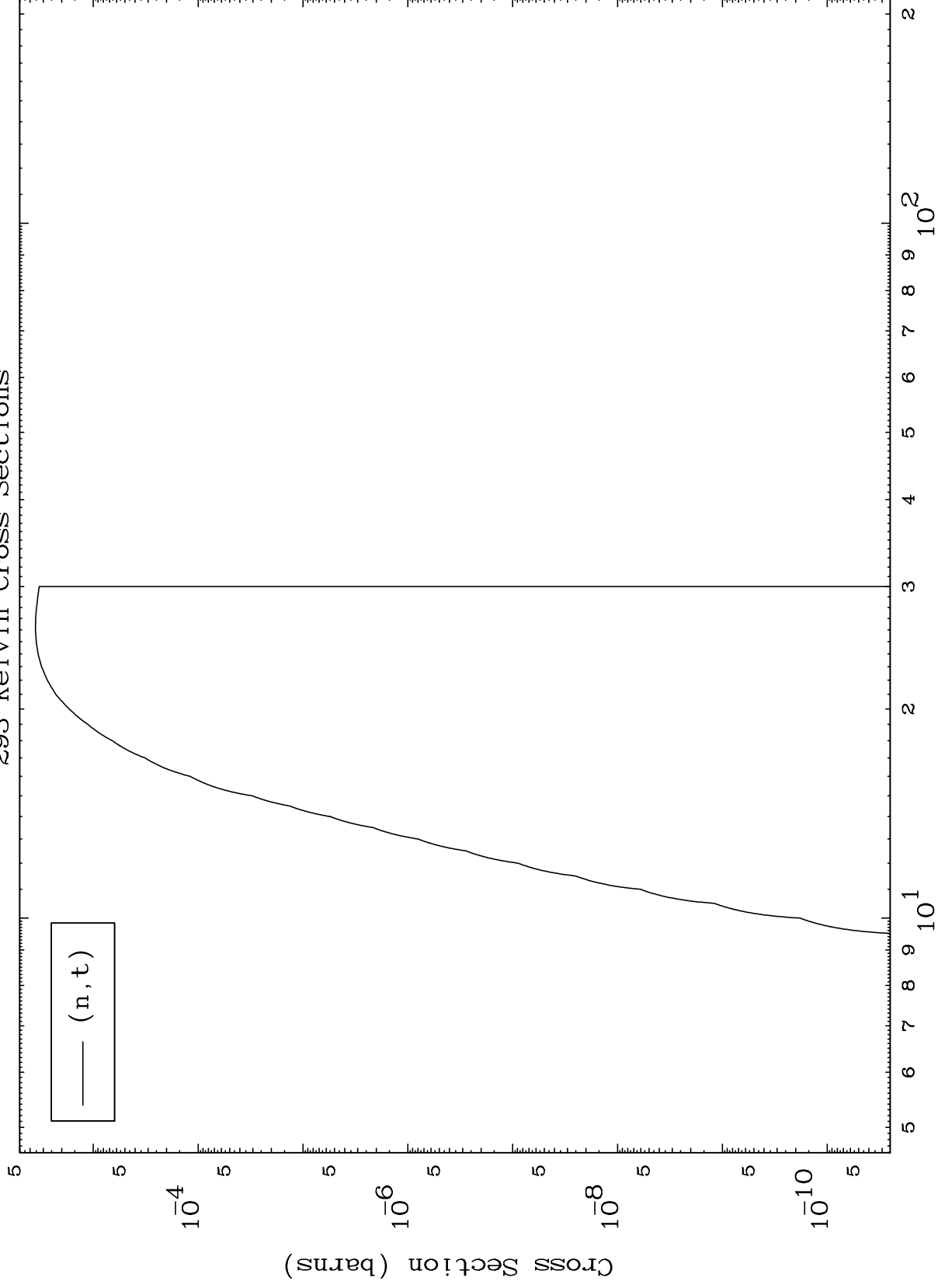
65-Tb-162



MAT 6534

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-162



13

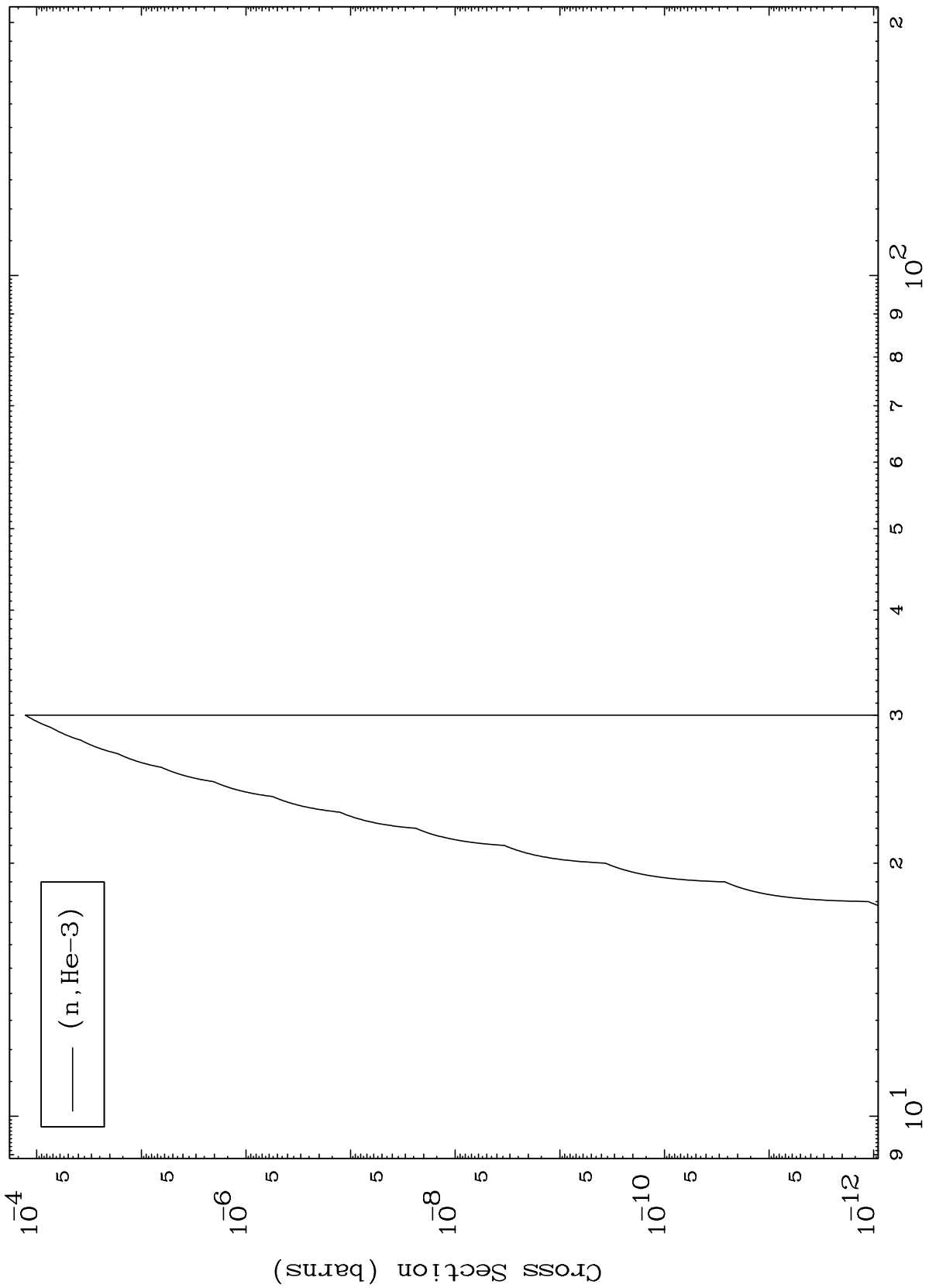
Incident Energy (MeV)

65-Tb-162

MAT 6534

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-162



(n, He-3)

14

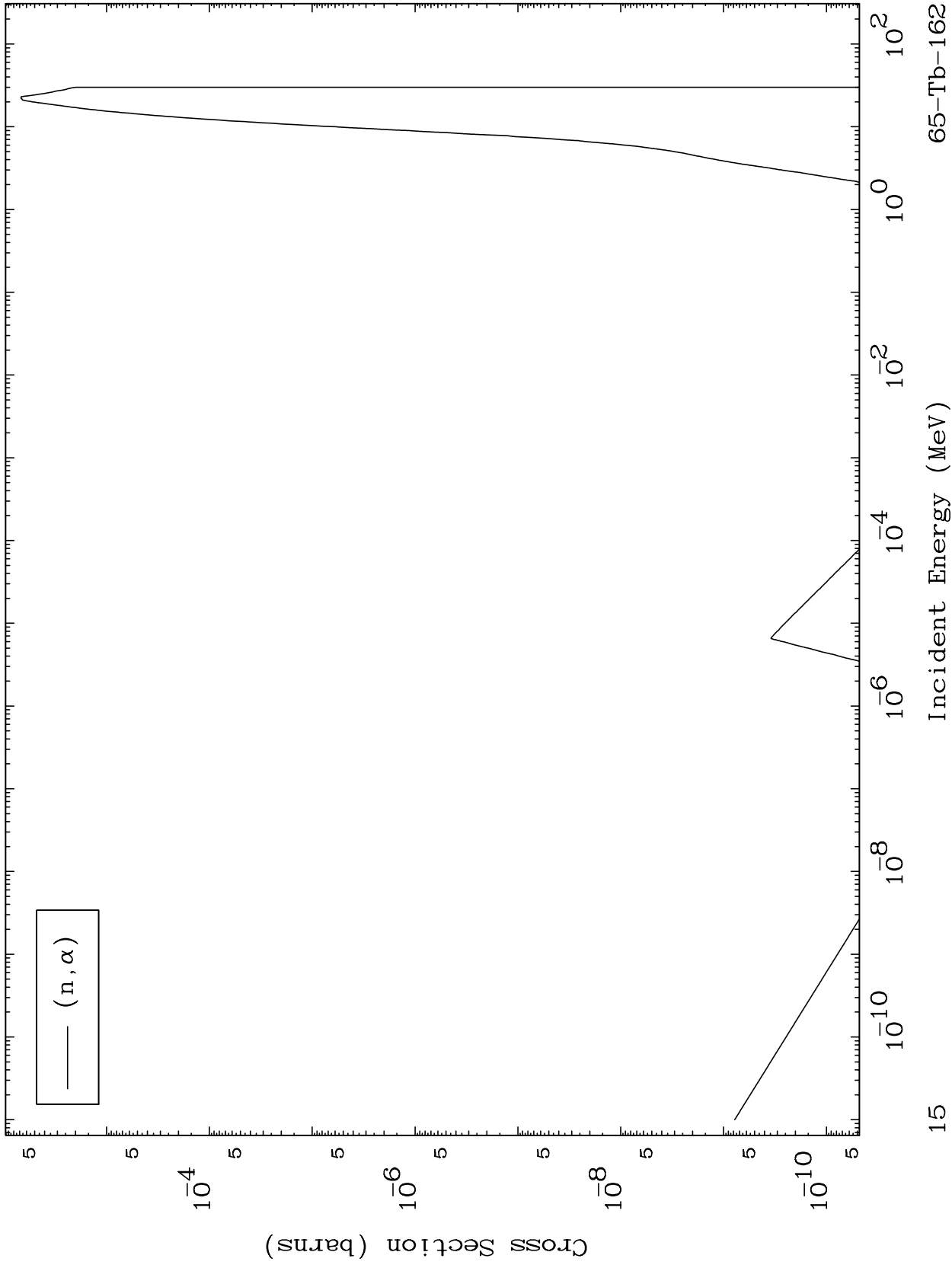
Incident Energy (MeV)

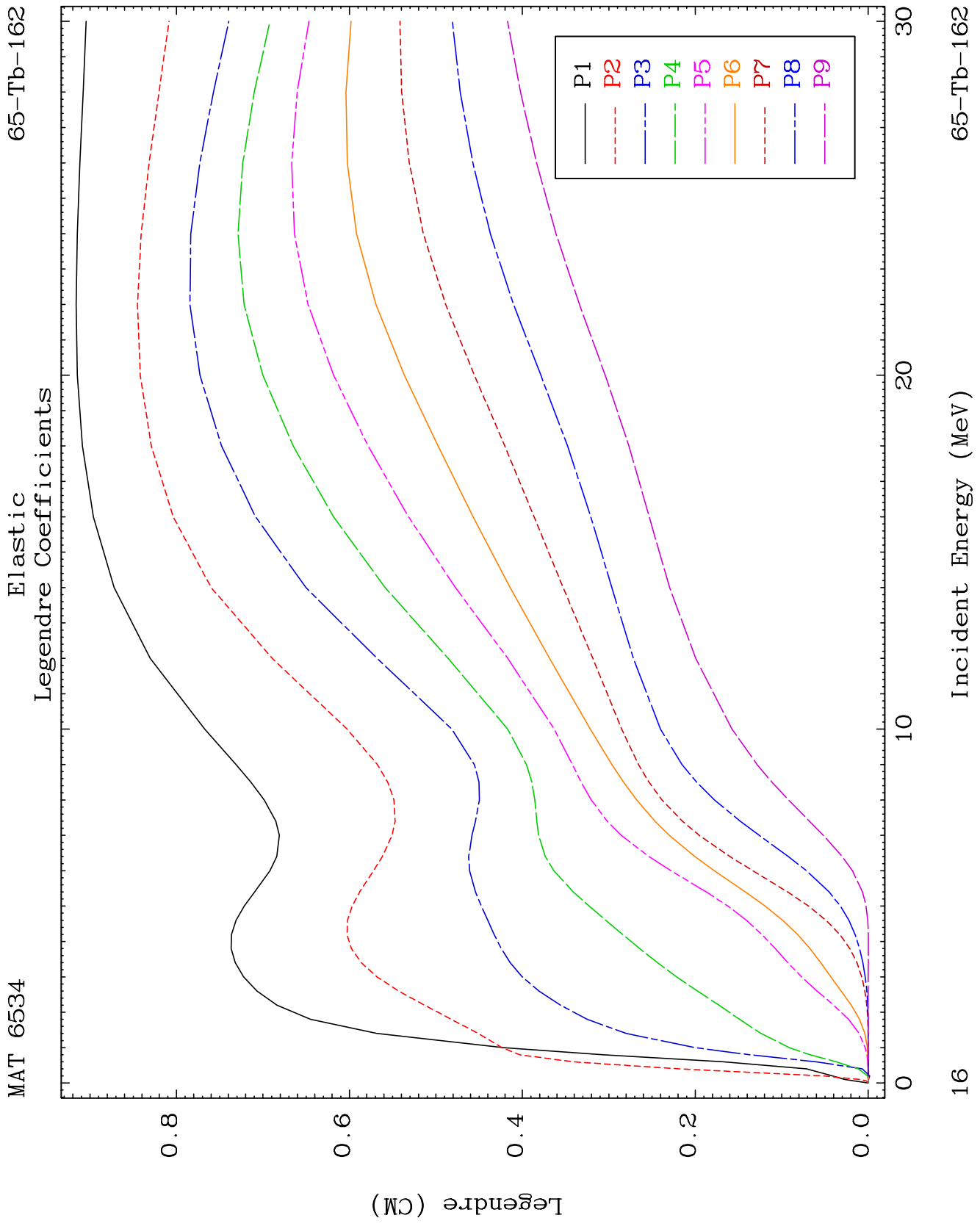
65-Tb-162

MAT 6534

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

65-Tb-162





65-Tb-162

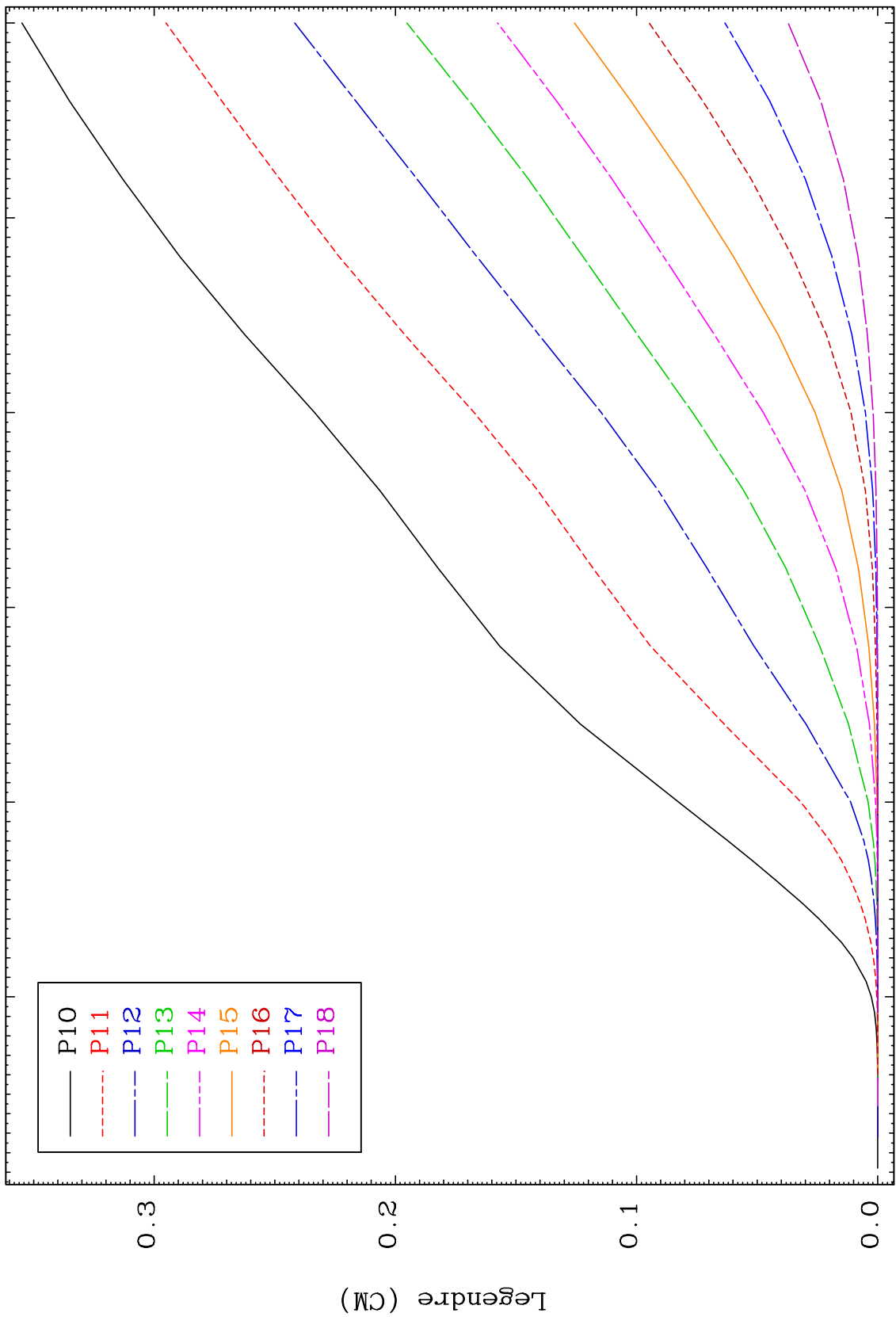
Incident Energy (MeV)

16

MAT 6534

Elastic Legendre Coefficients

65-Tb-162



17

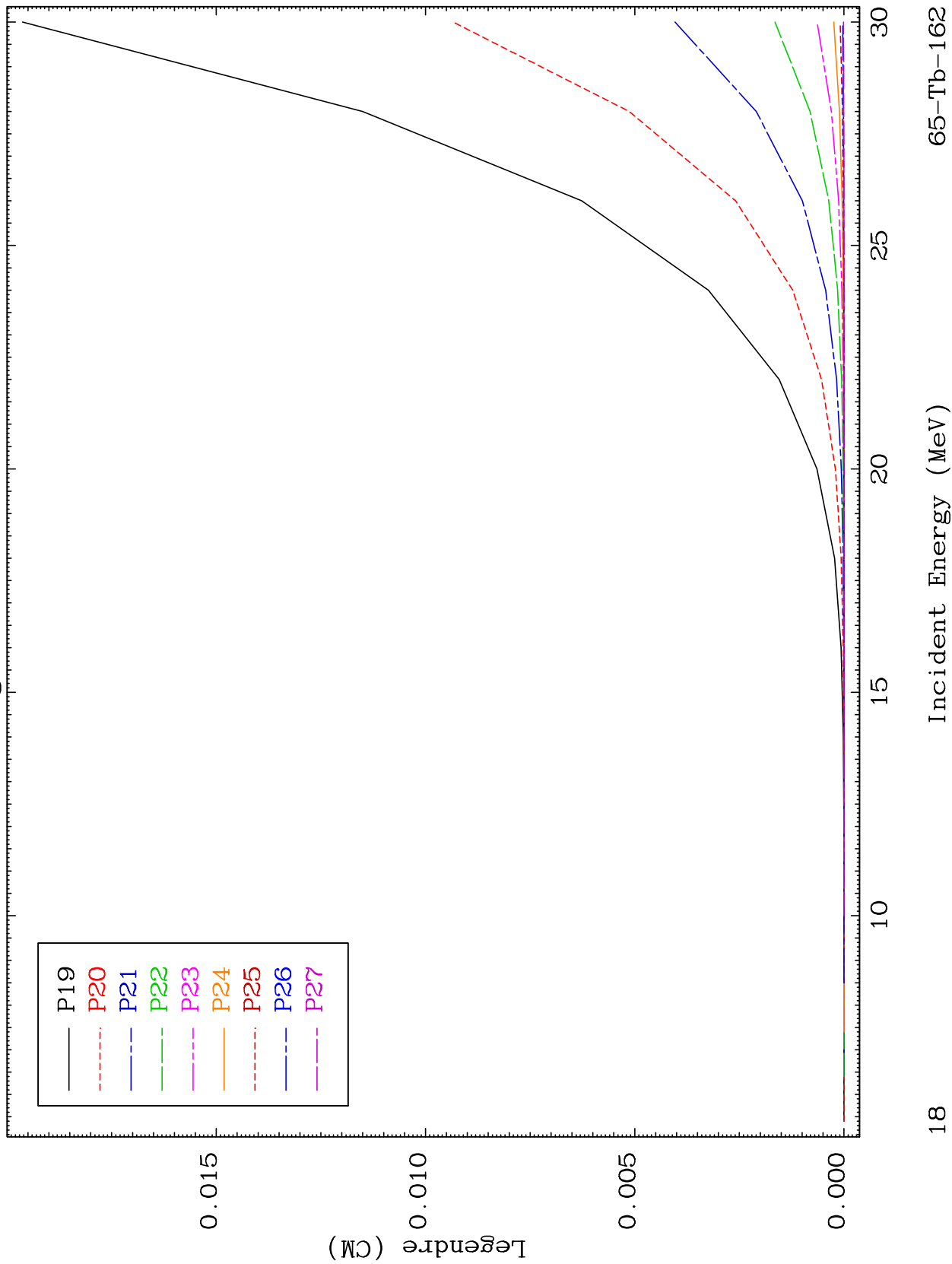
Incident Energy (MeV)

65-Tb-162

MAT 6534

Elastic Legendre Coefficients

65-Tb-162



18

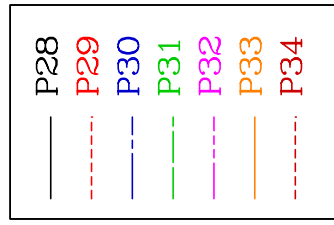
Incident Energy (MeV)

65-Tb-162

MAT 6534

Elastic  
Legendre Coefficients

65-Tb-162

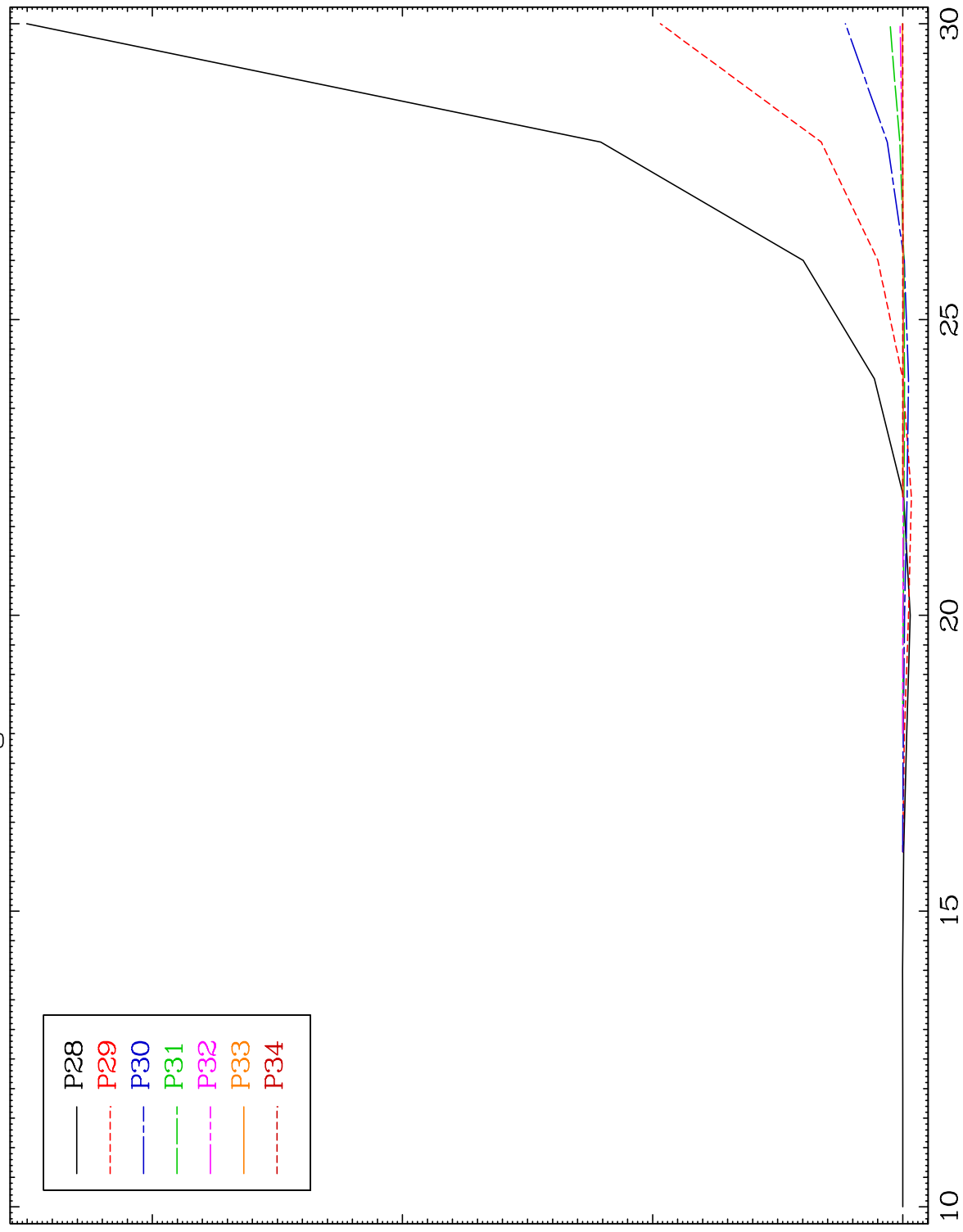


$\times 10^{-6}$

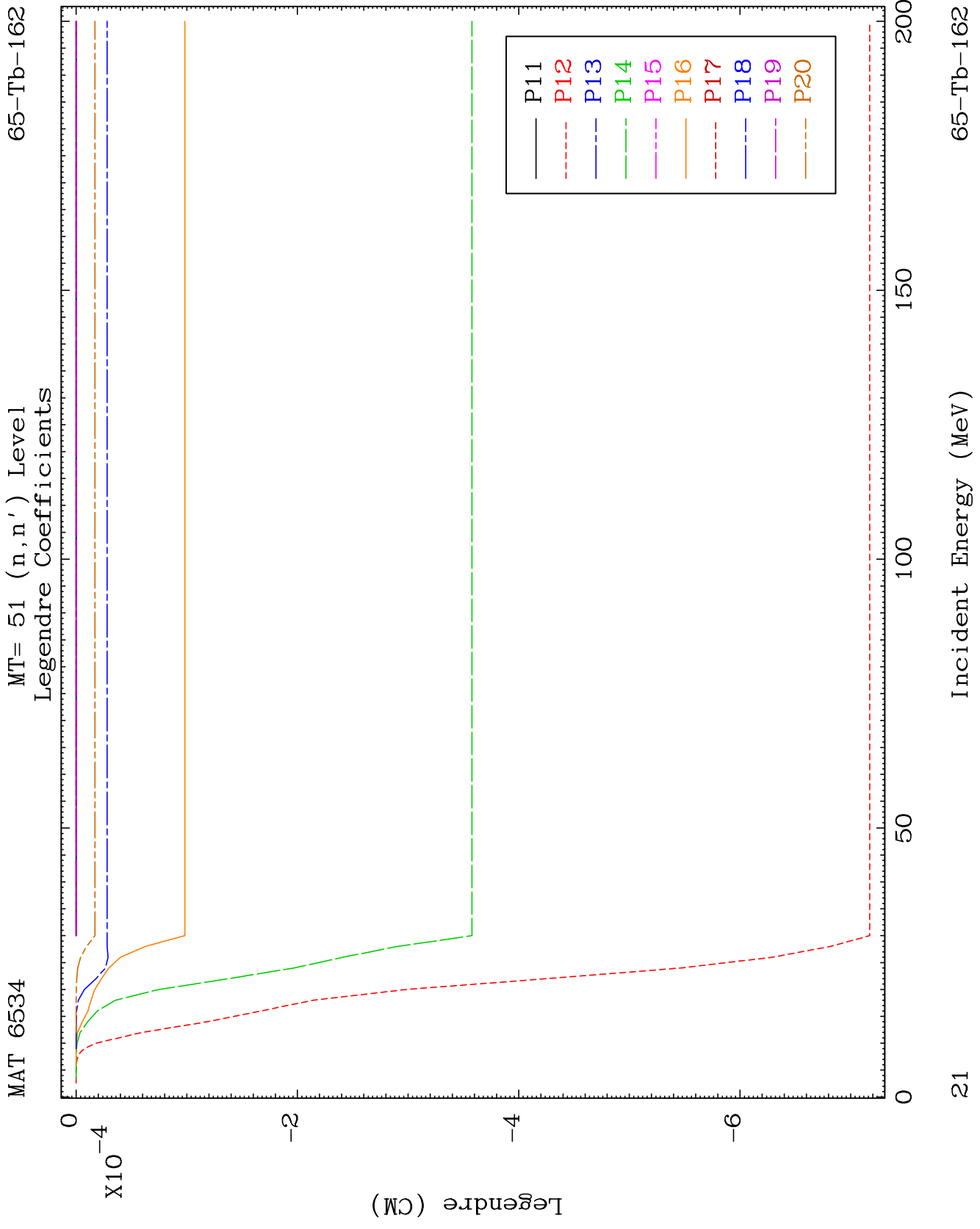
Legendre (CM)

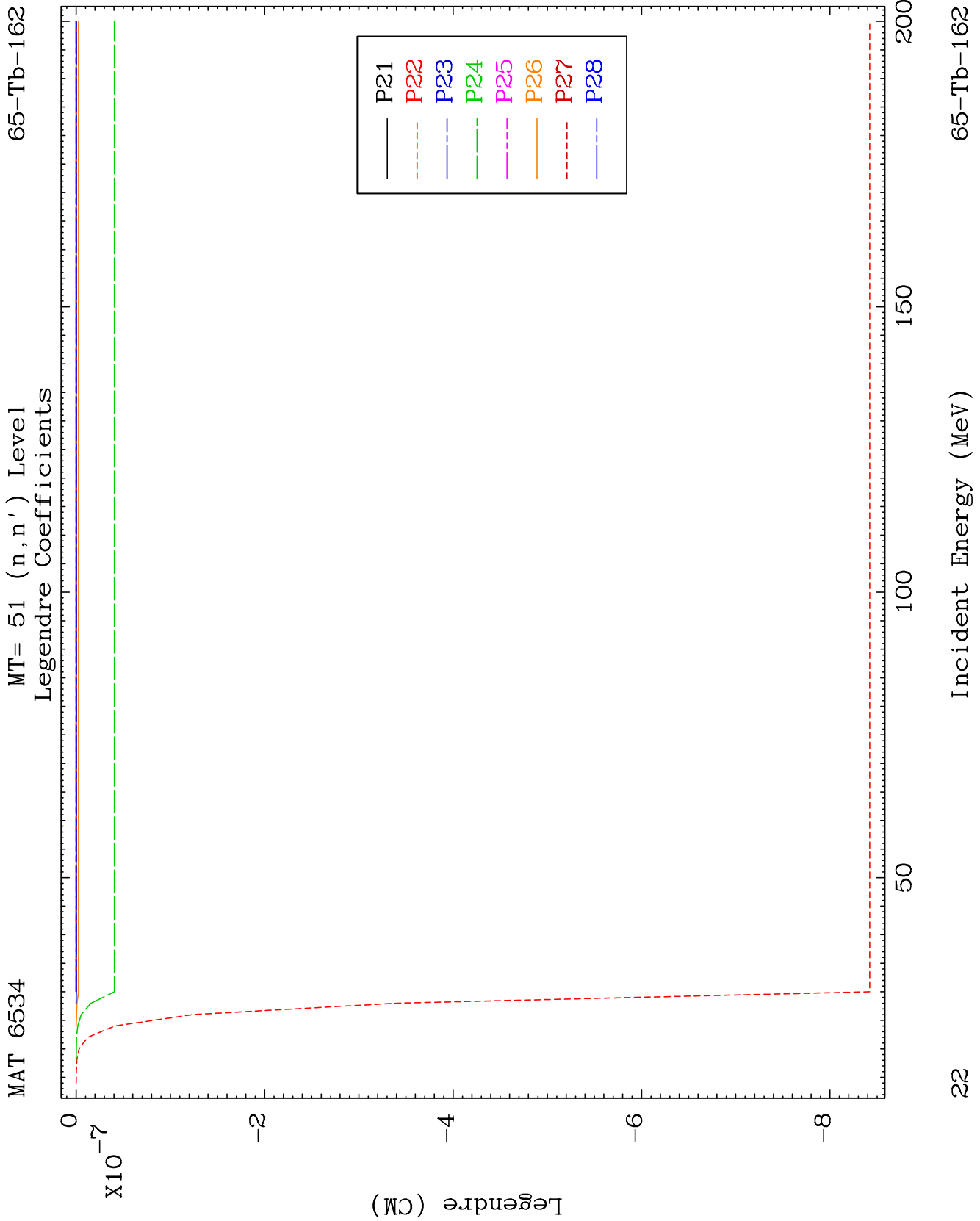
Incident Energy (MeV)

65-Tb-162





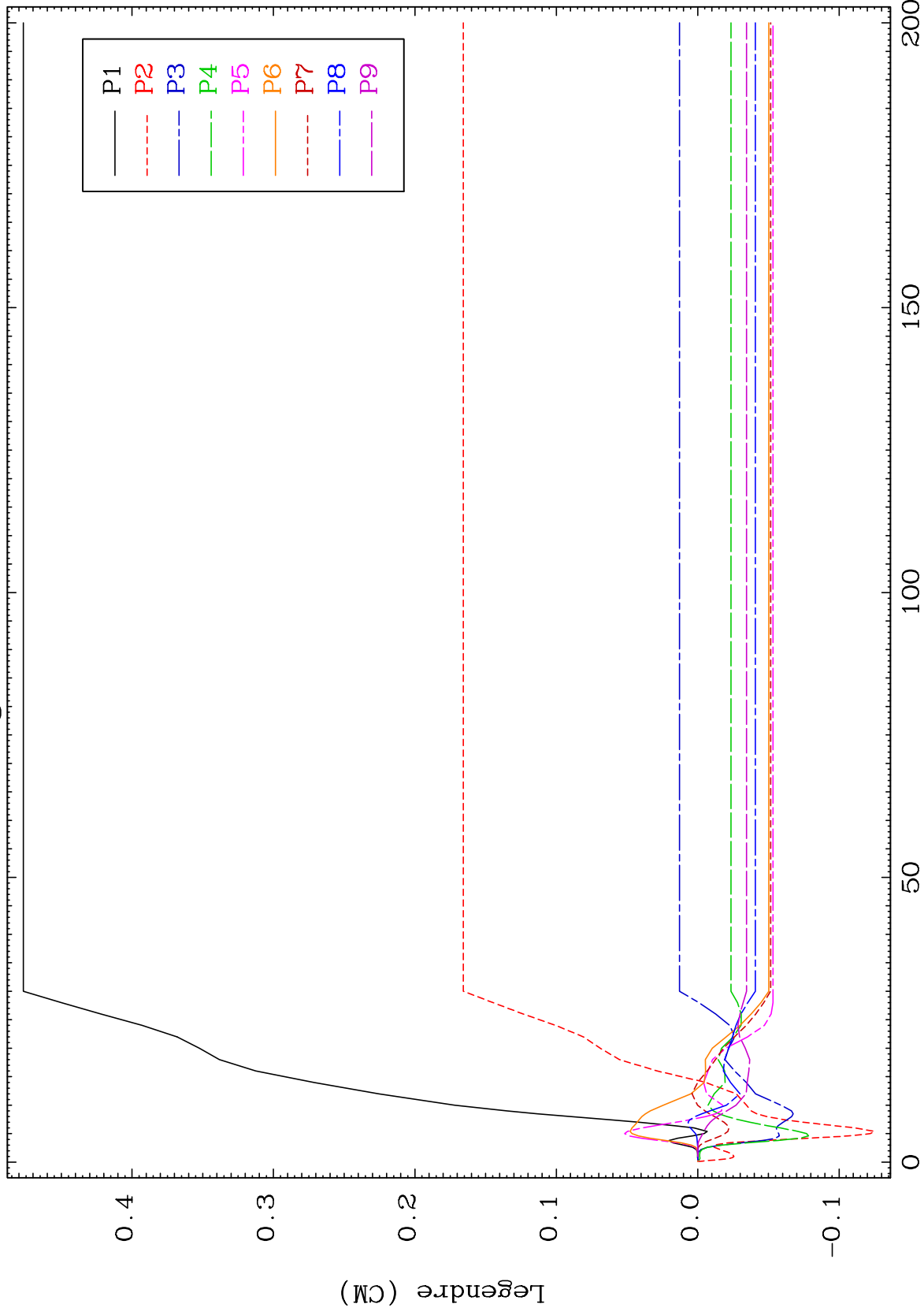




MAT 6534

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

65-Tb-162



23

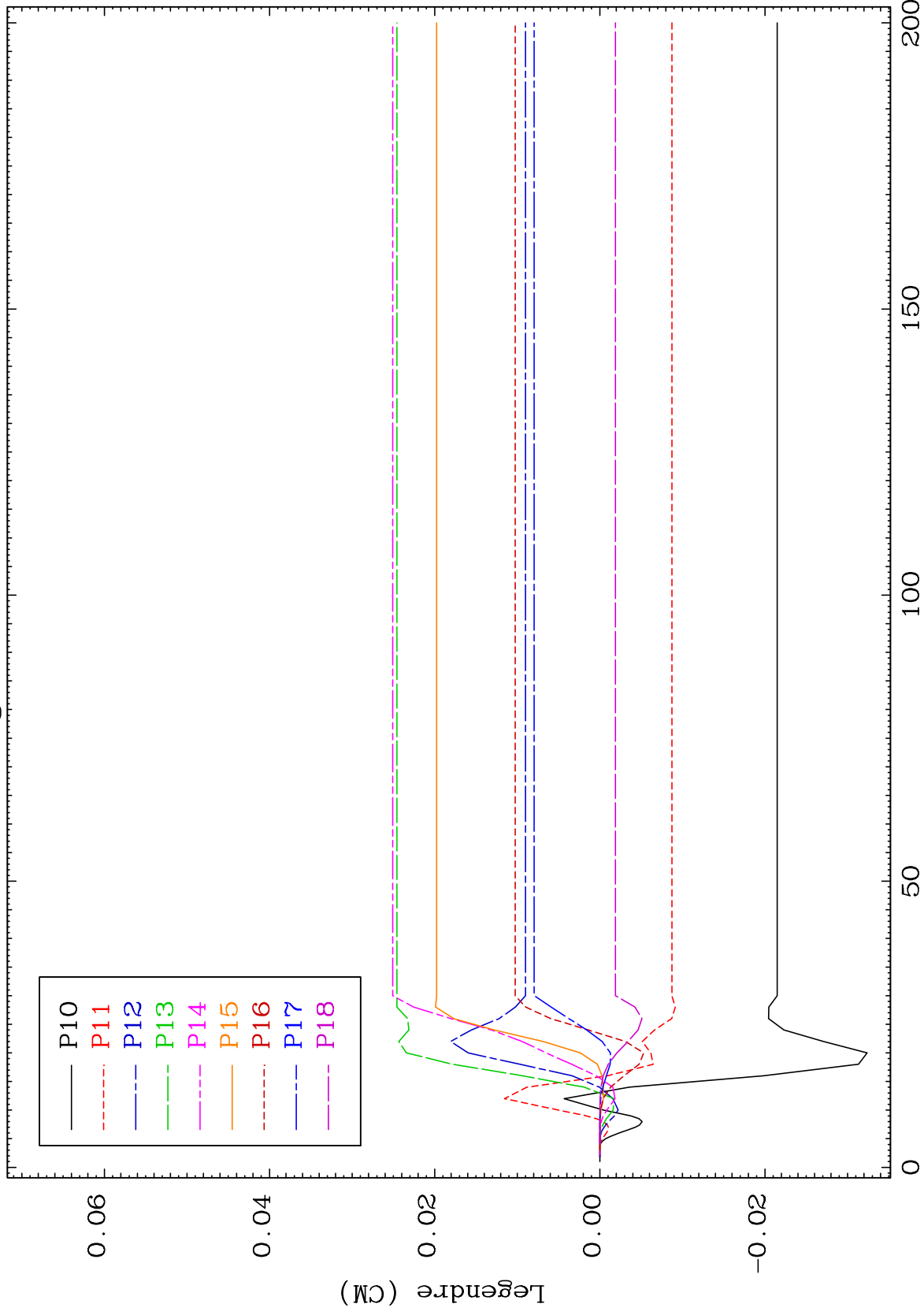
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



24

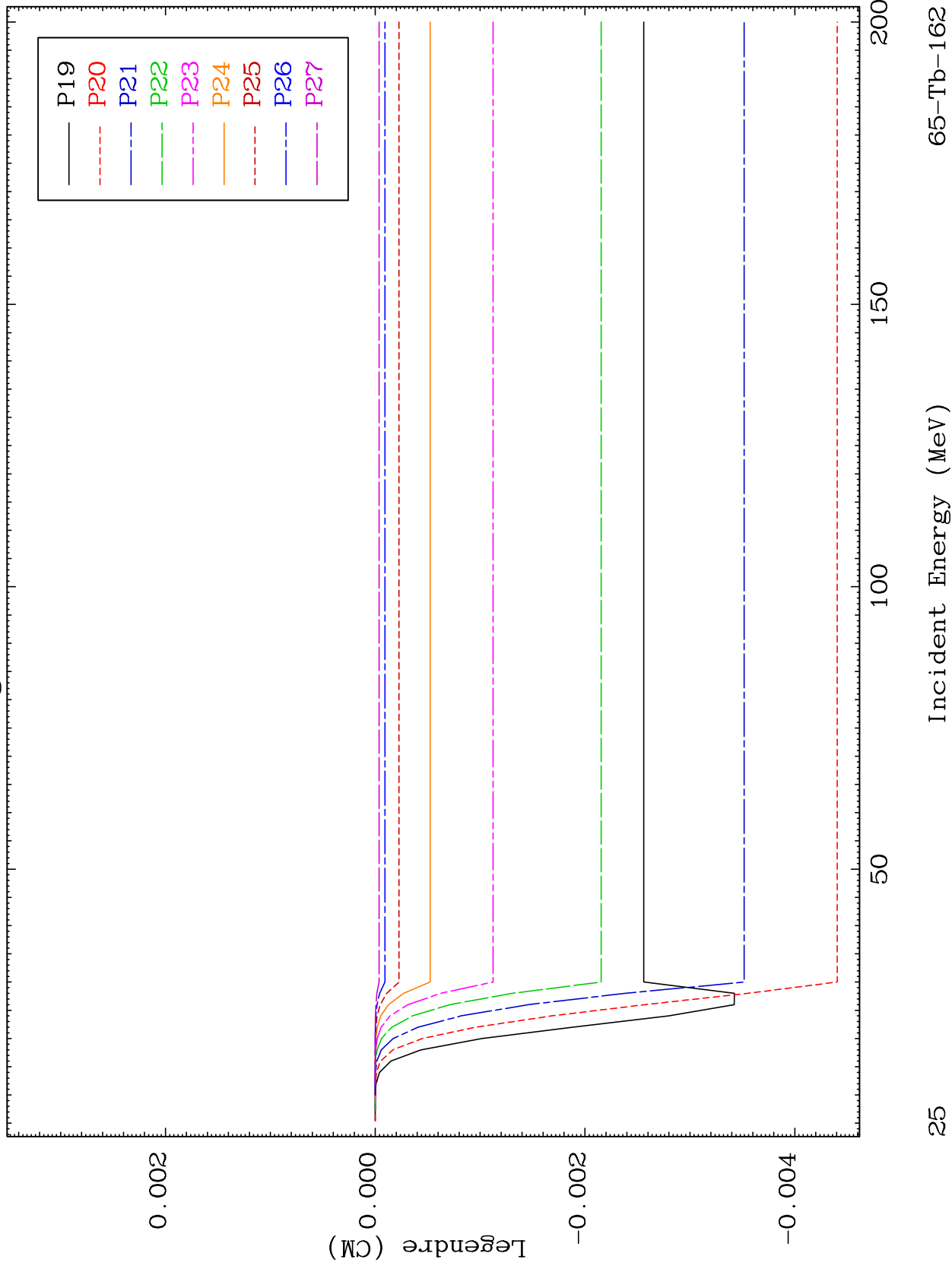
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

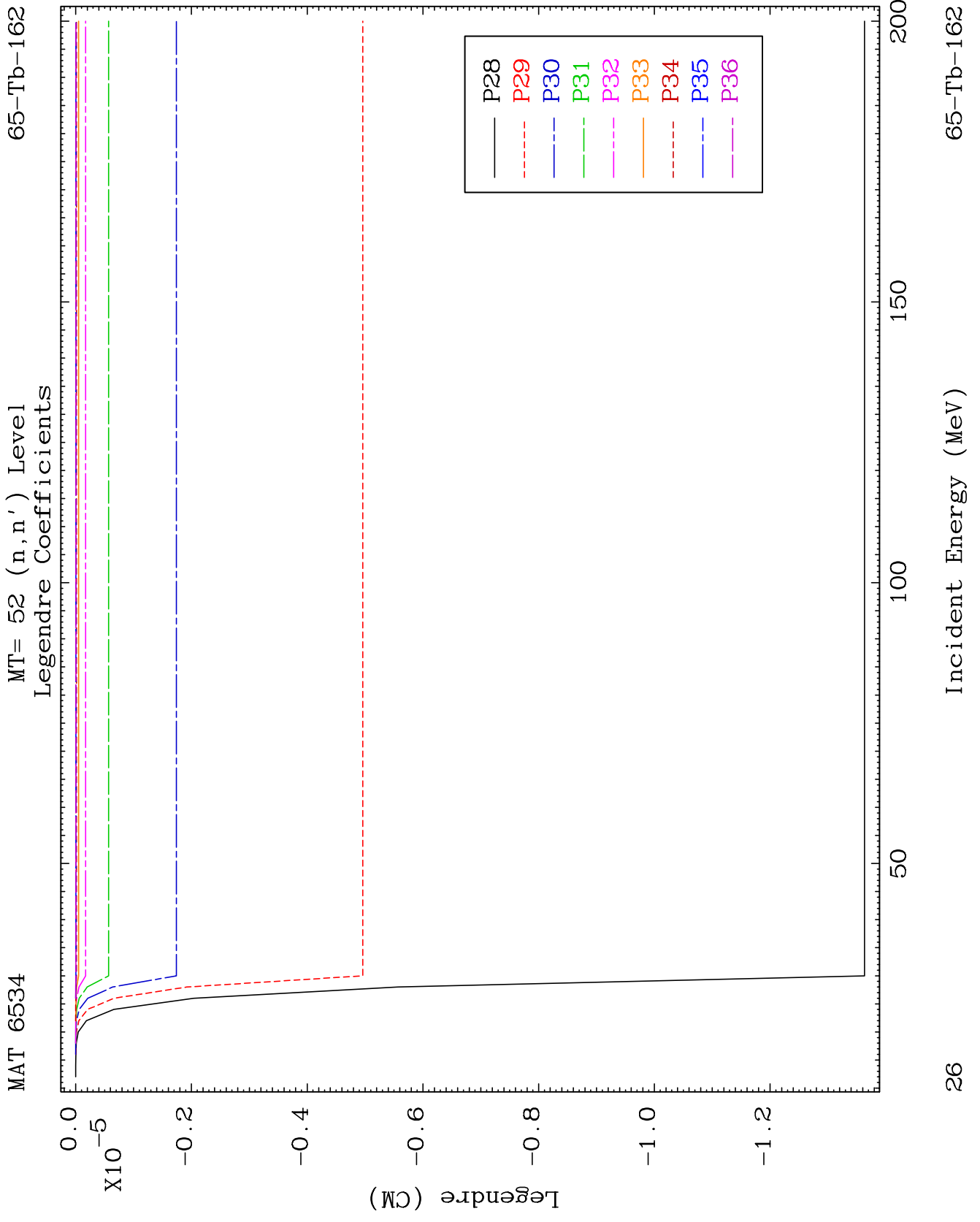
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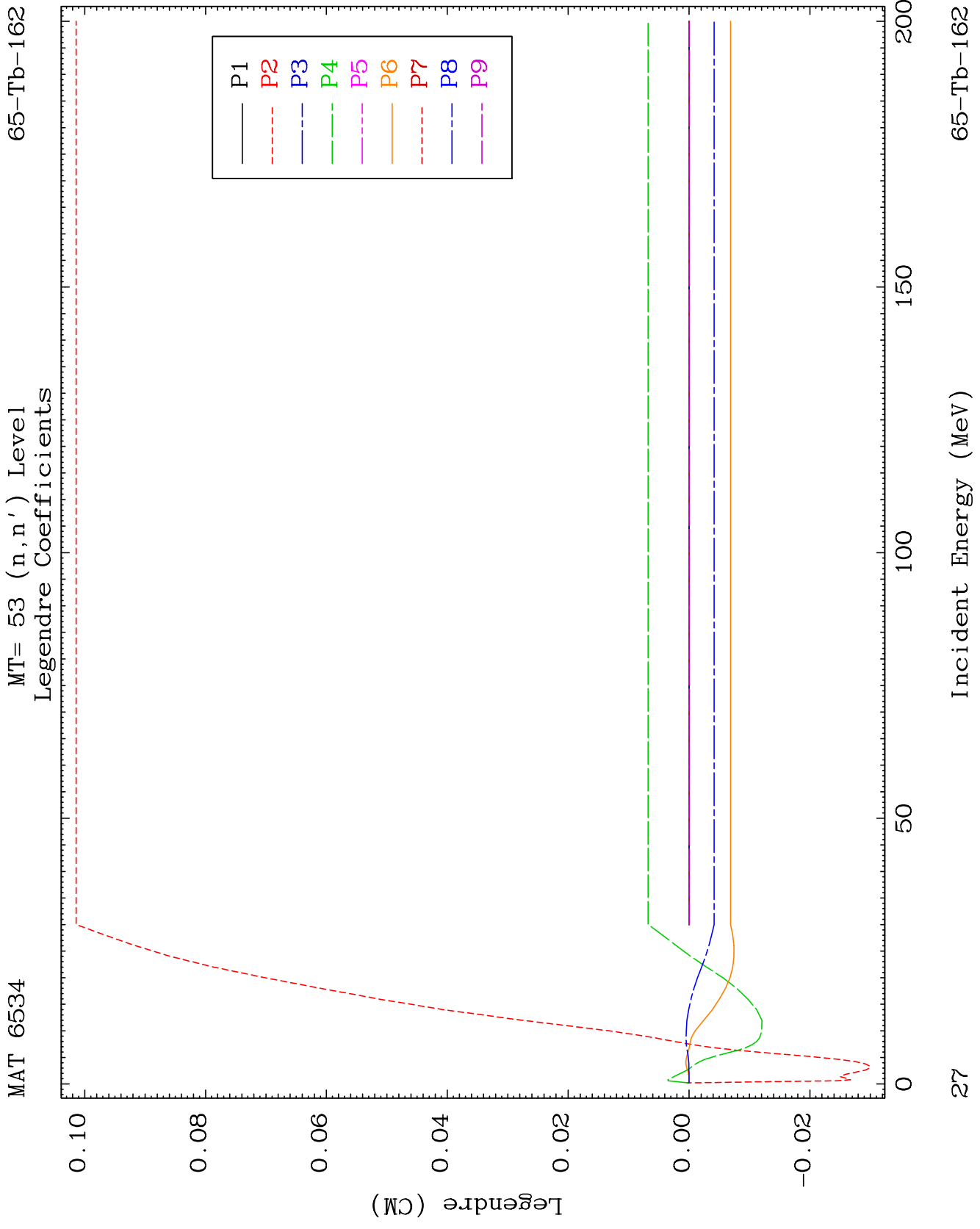


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Incident Energy (MeV)

65-Tb-162

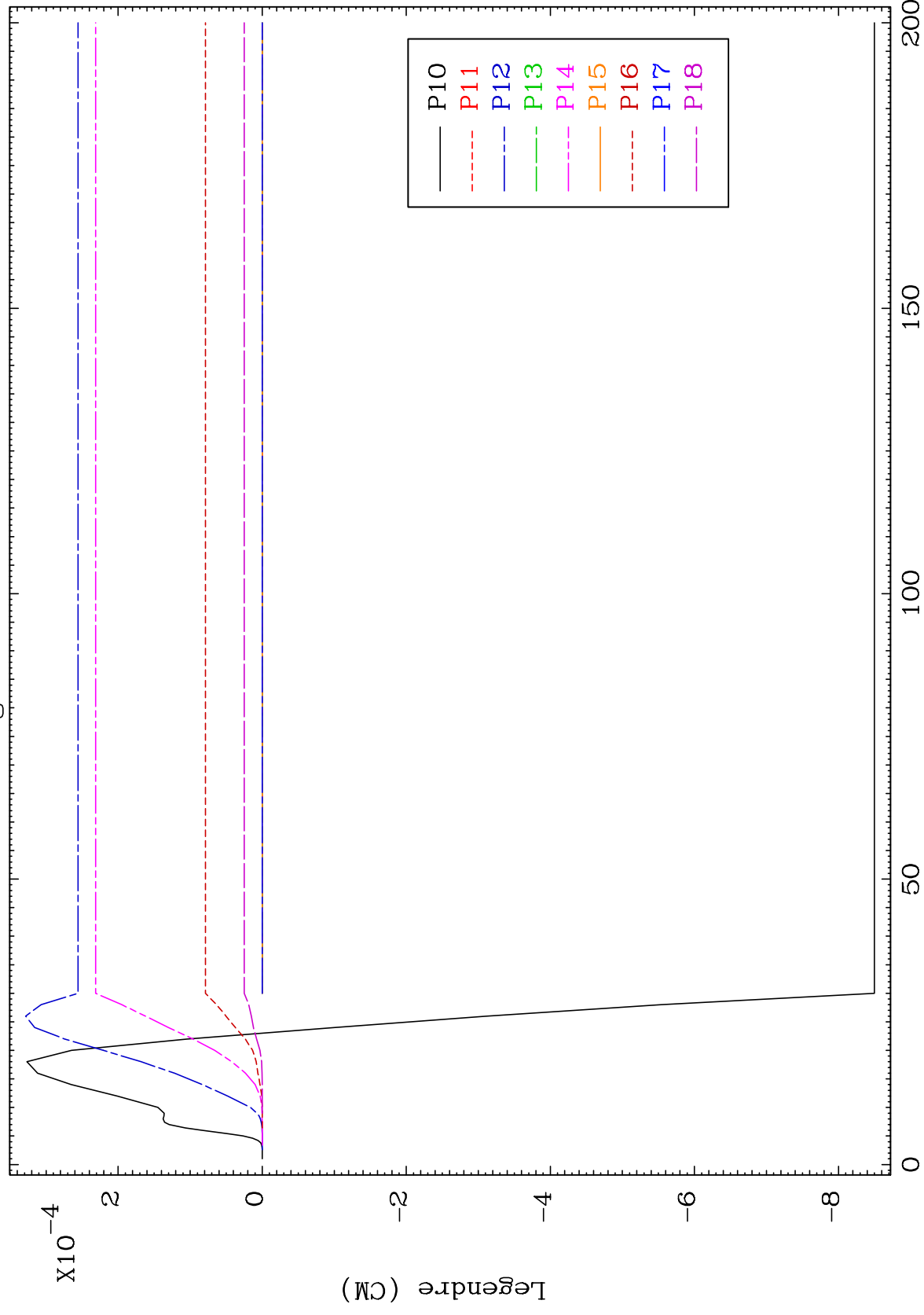




MAT 6534

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

65-Tb-162



28

Incident Energy (MeV)

65-Tb-162

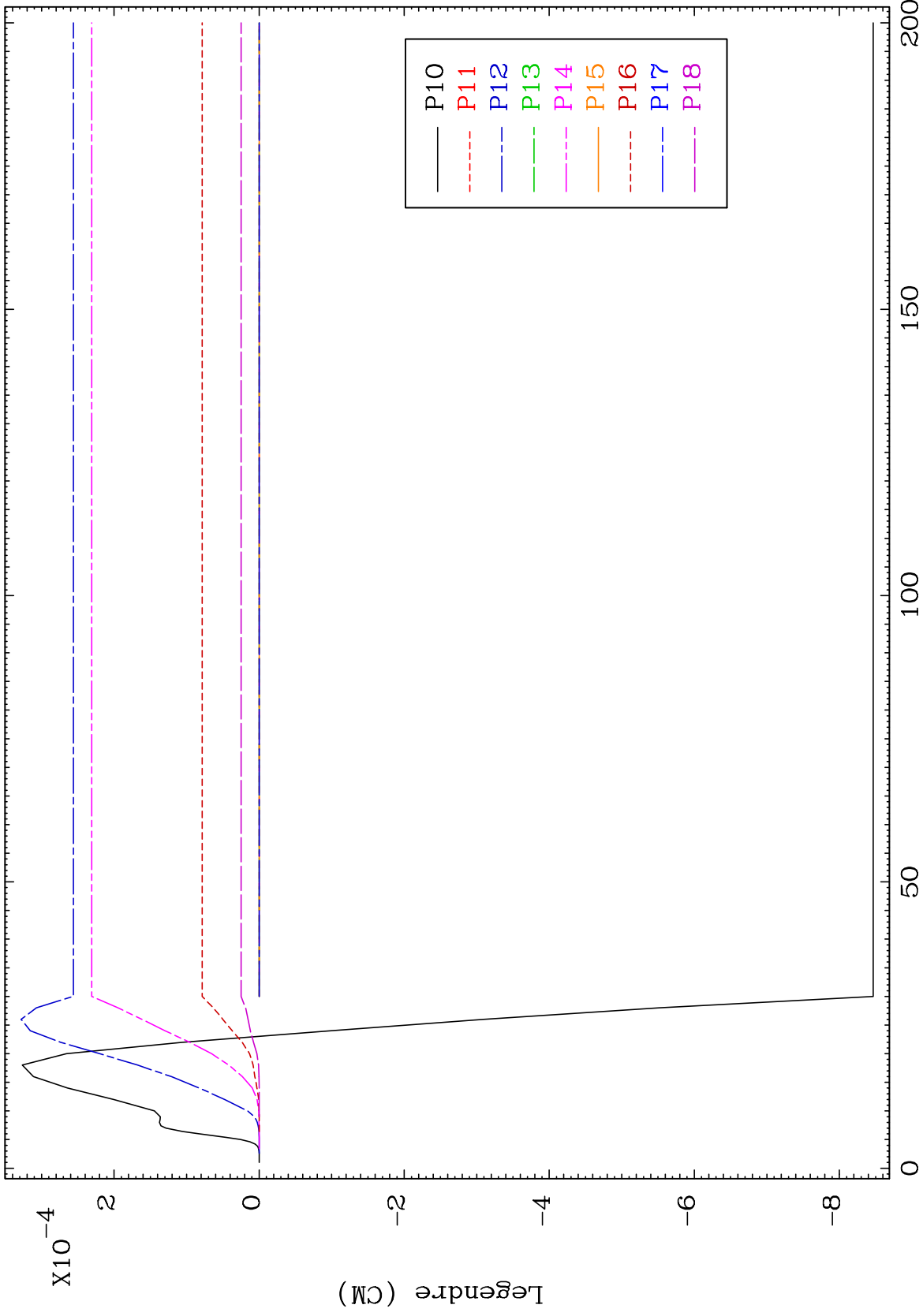




MAT 6534

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

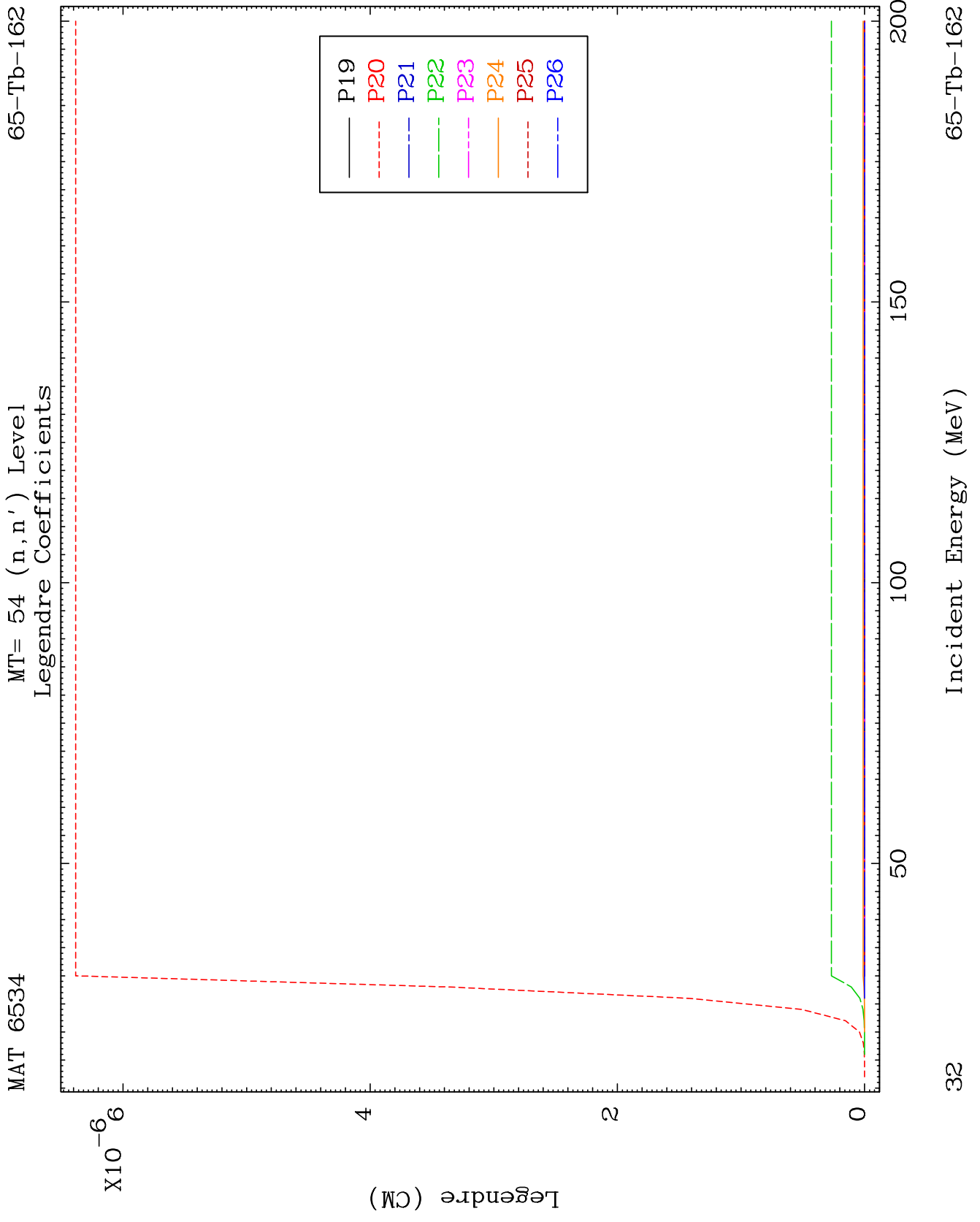
65-Tb-162



31

Incident Energy (MeV)

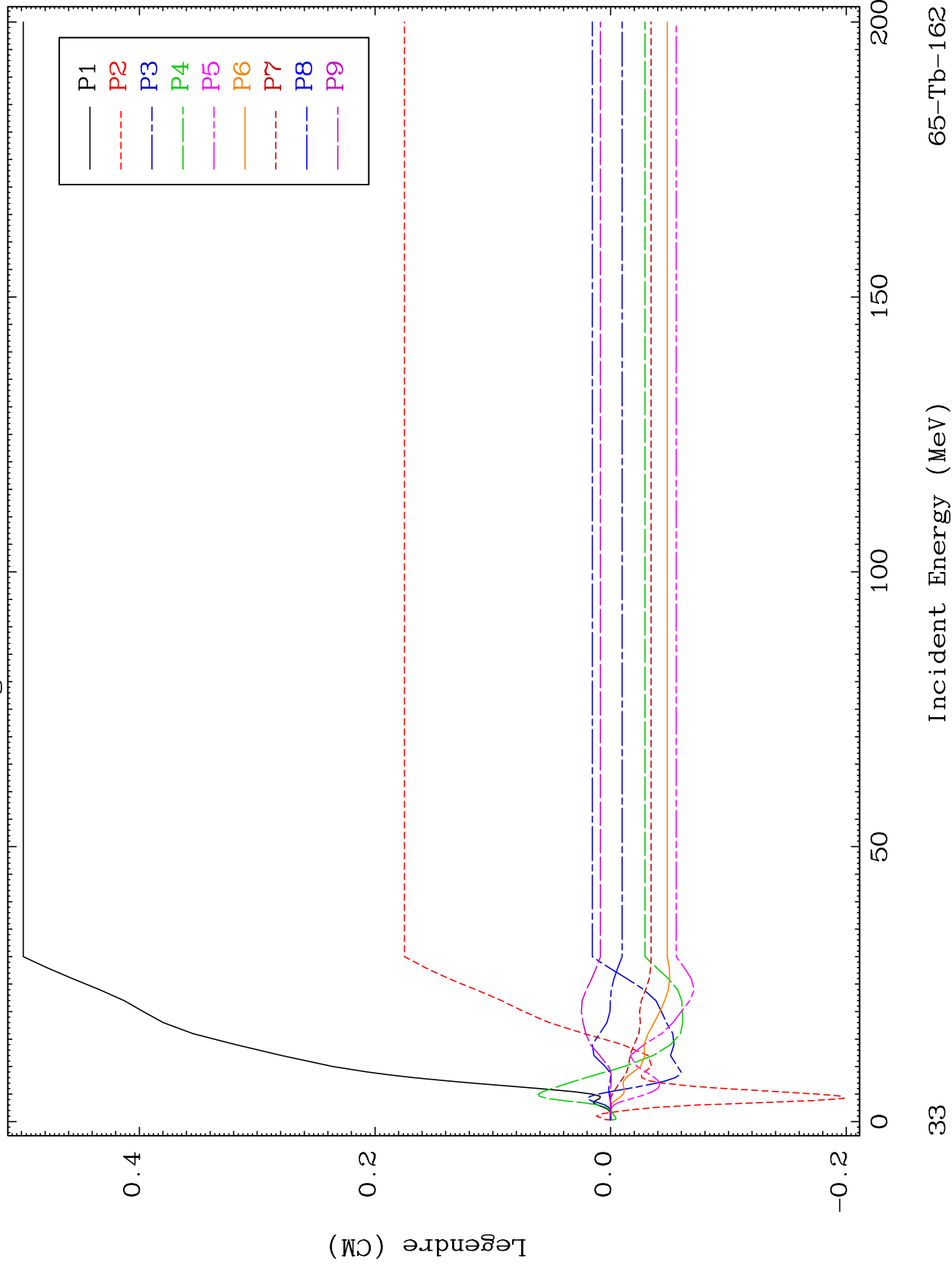
65-Tb-162



MAT 6534

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

65-Tb-162



65-Tb-162

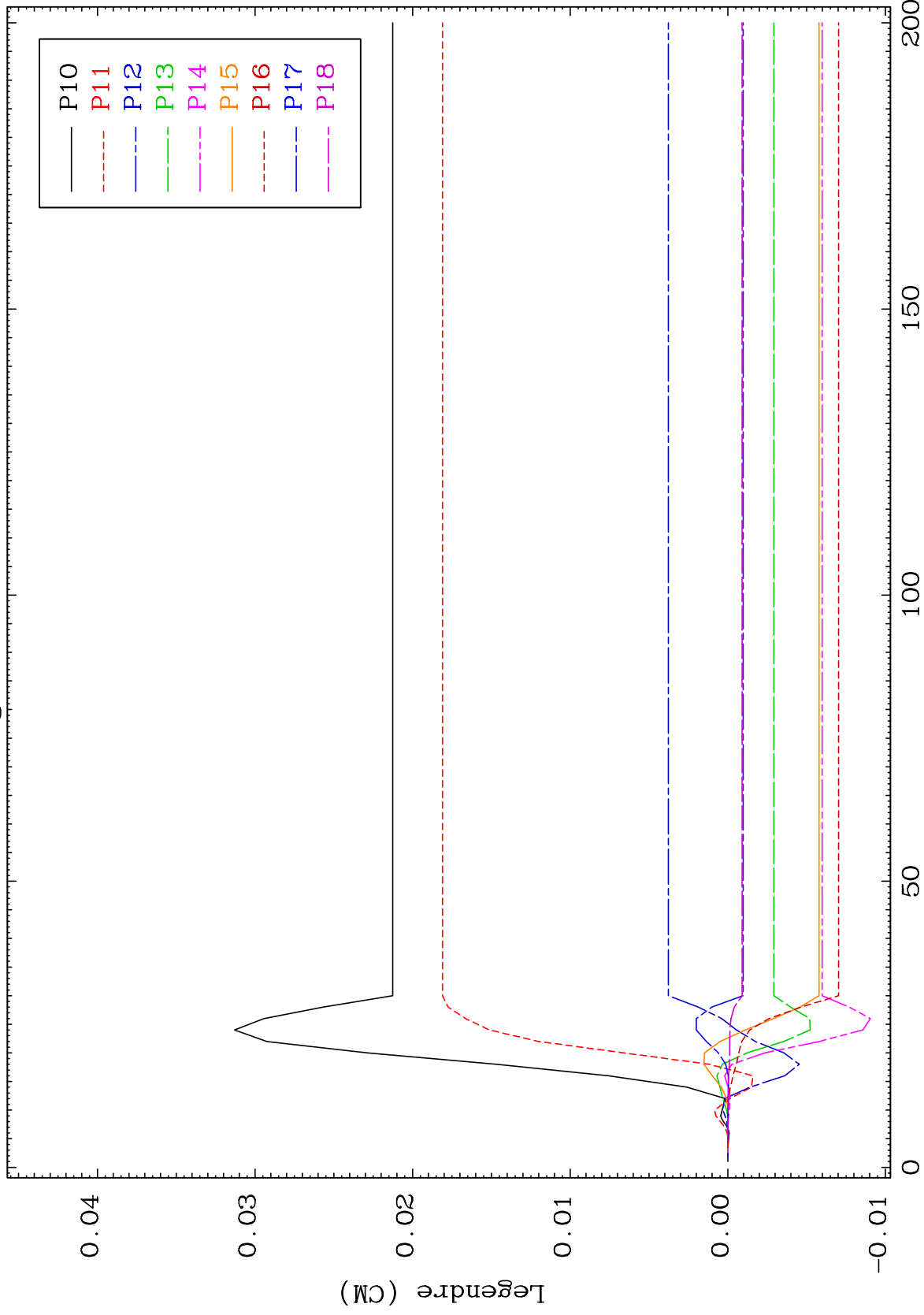
Incident Energy (MeV)

33

MAT 6534

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

65-Tb-162



34

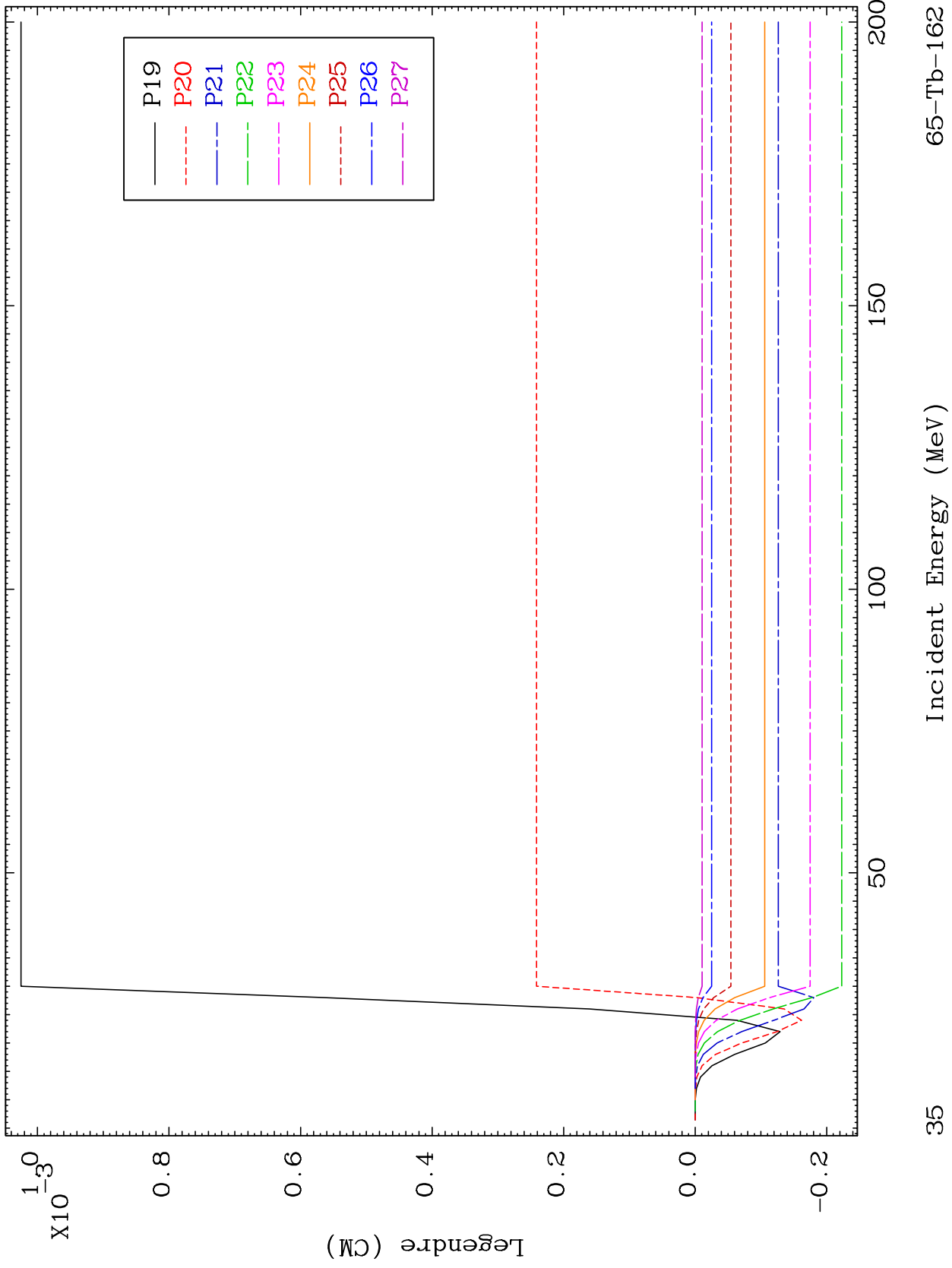
Incident Energy (MeV)

65-Tb-162

MAT 6534

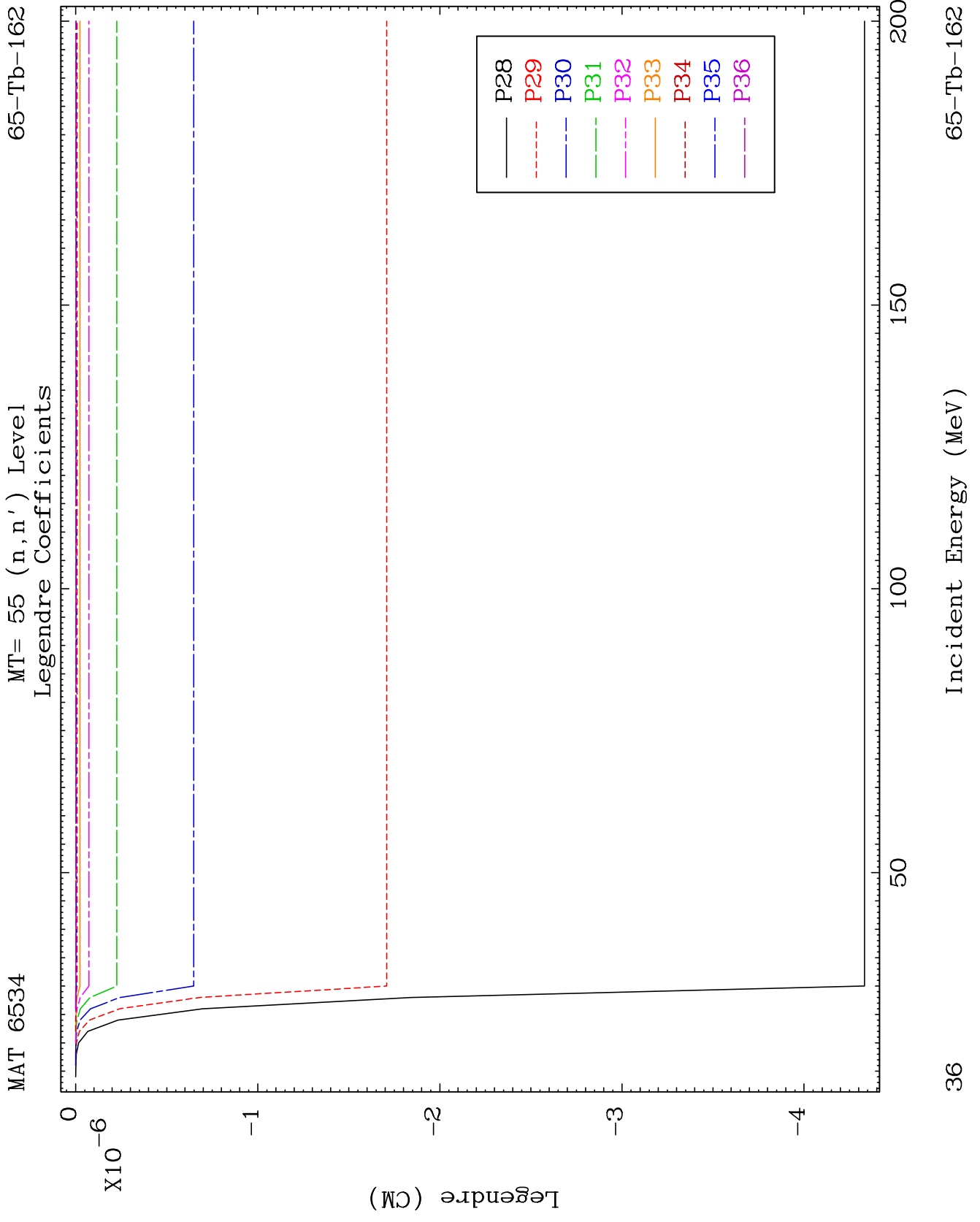
MT= 55 (n,n') Level  
Legendre Coefficients

65-Tb-162



35

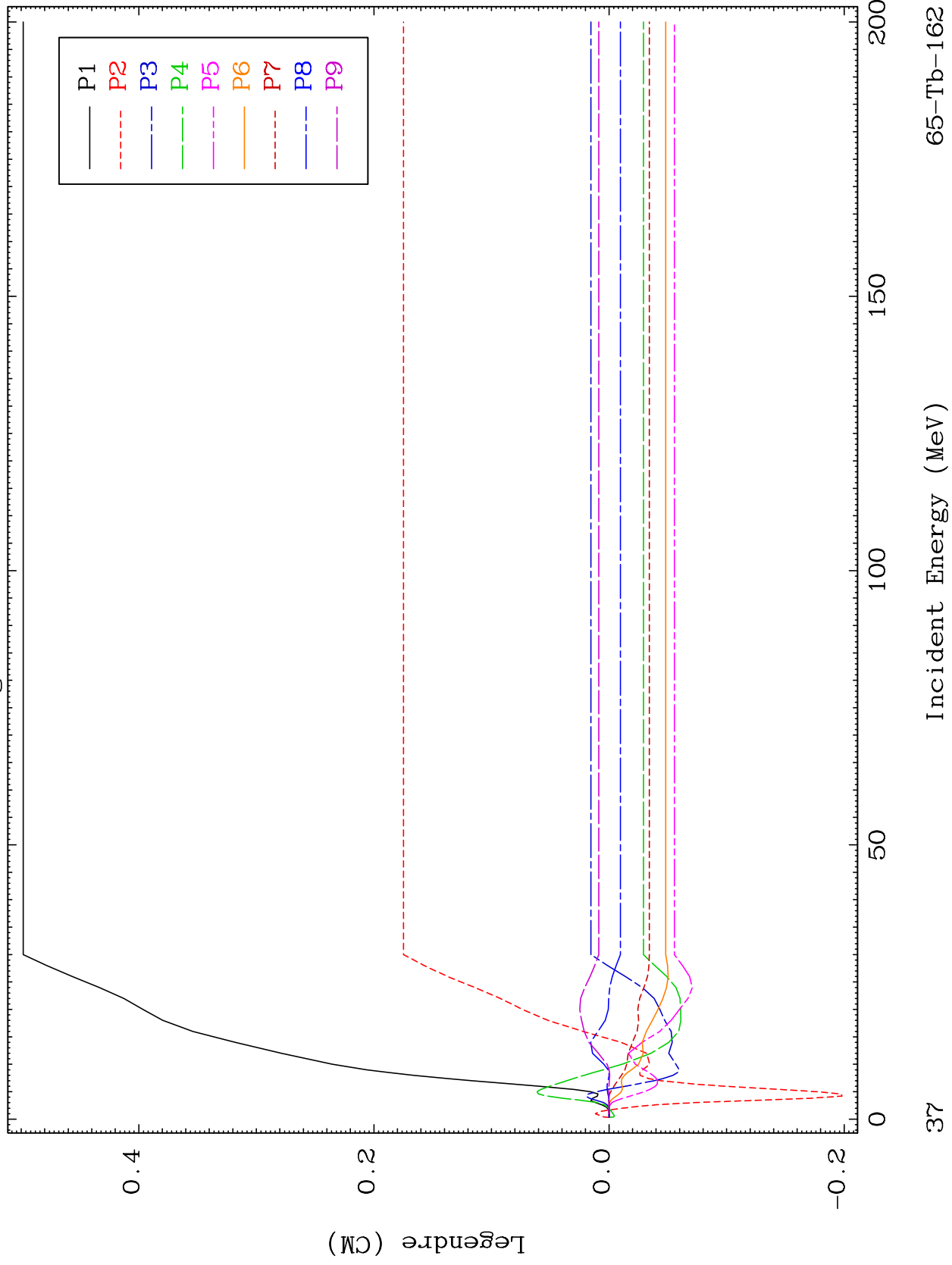
65-Tb-162



MAT 6534

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

65-Tb-162



65-Tb-162

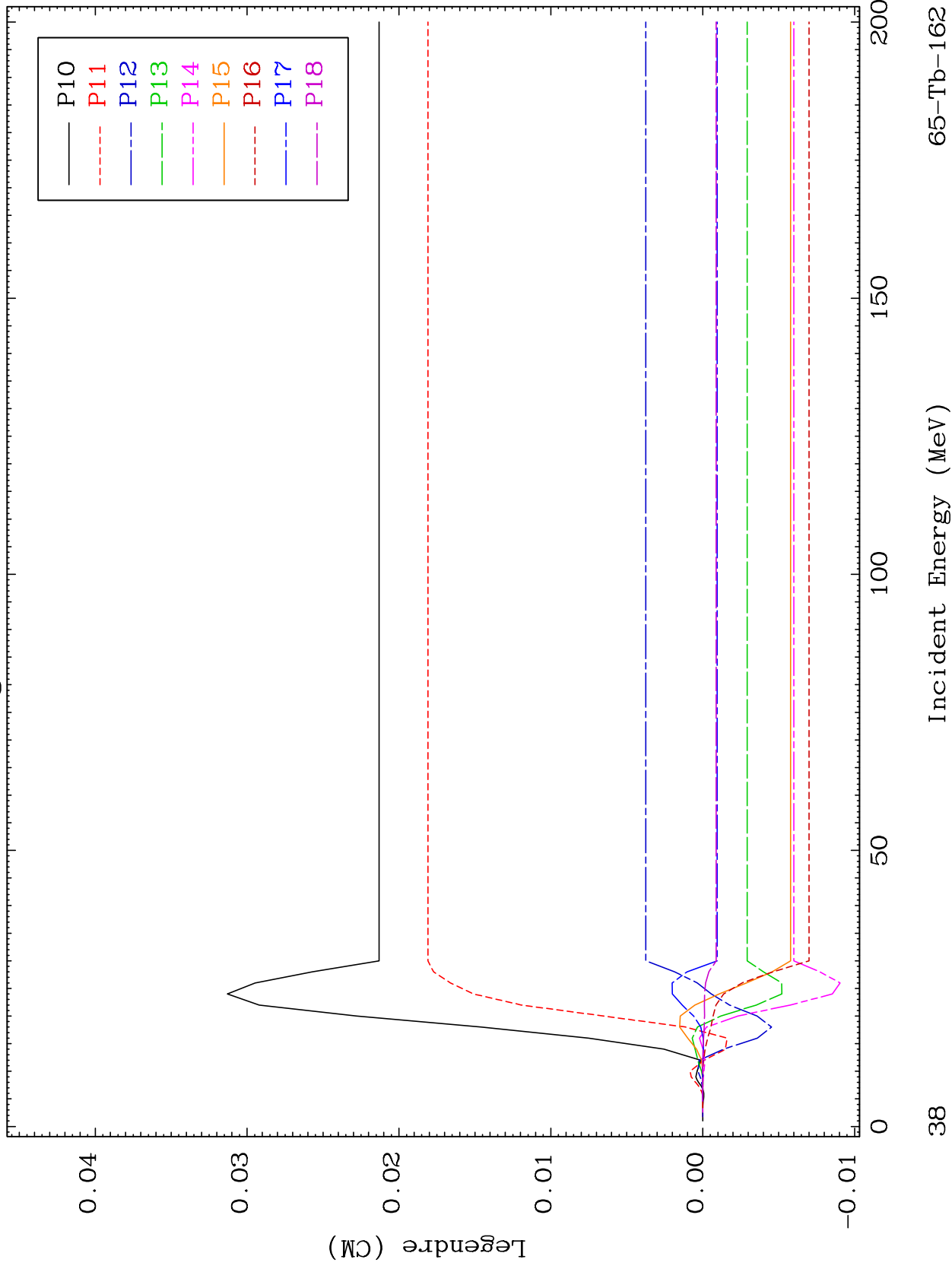
Incident Energy (MeV)

37

MAT 6534

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

65-Tb-162



65-Tb-162

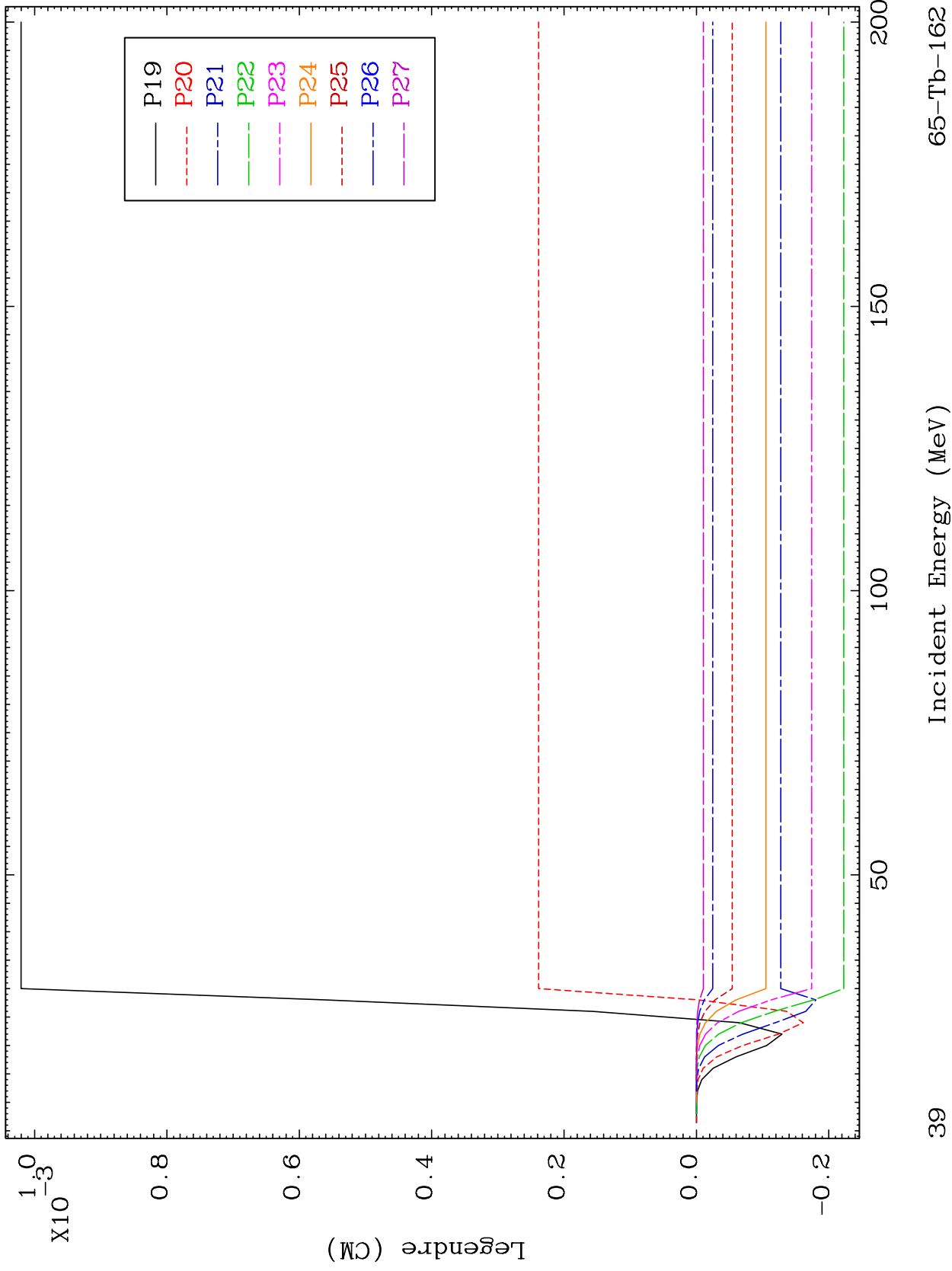
Incident Energy (MeV)

38

MAT 6534

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

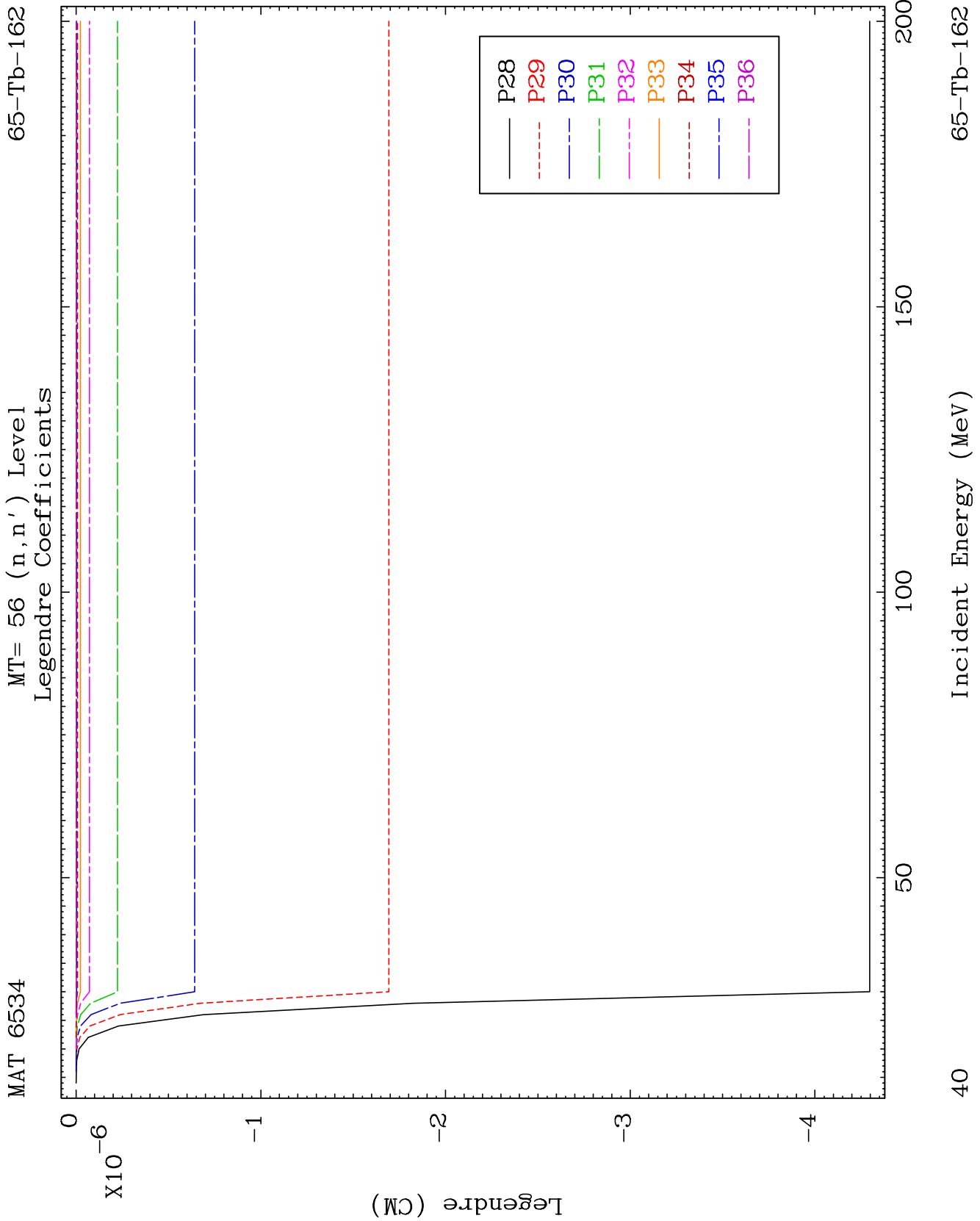
65-Tb-162



39

Incident Energy (MeV)

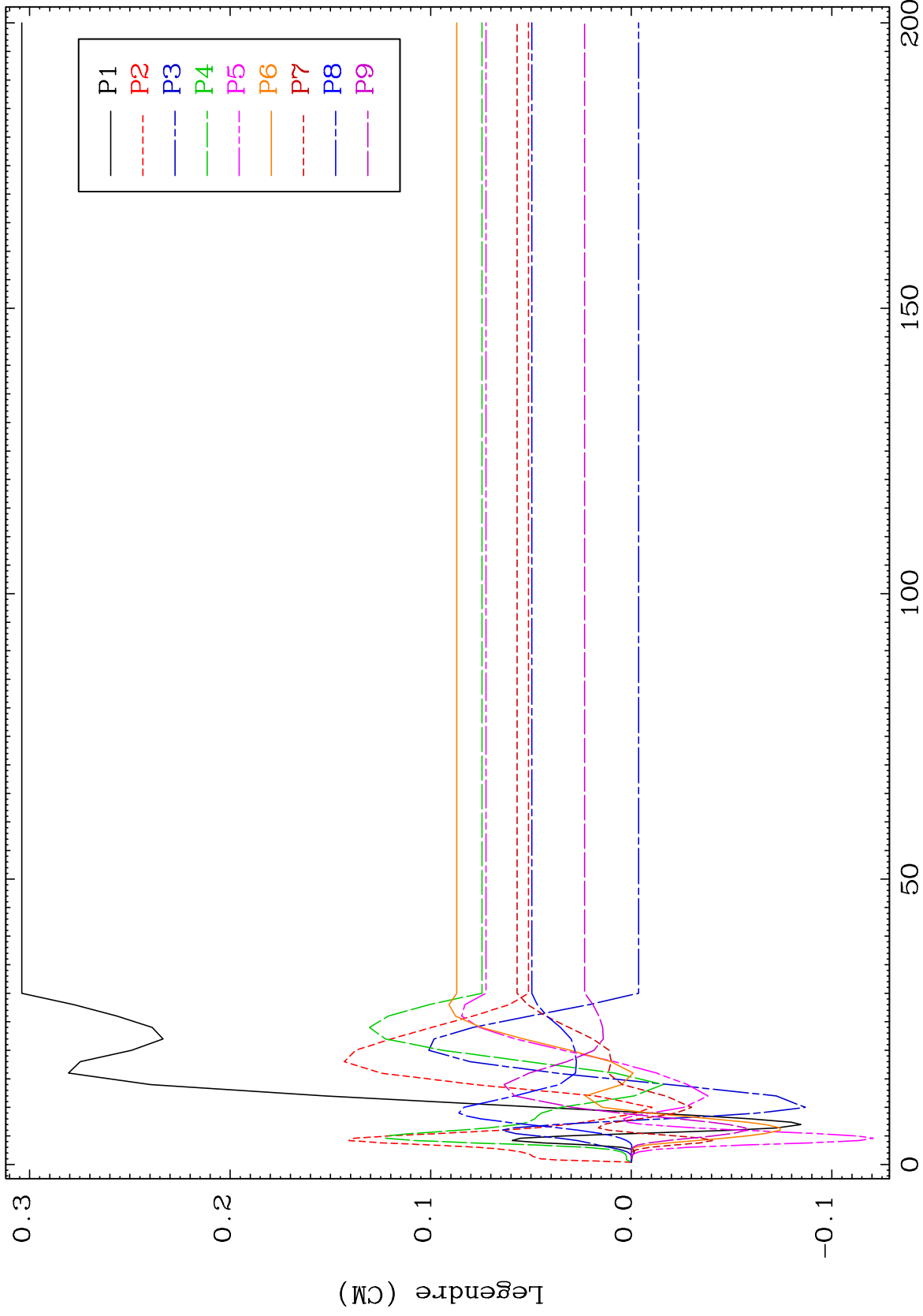
65-Tb-162



MAT 6534

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

65-Tb-162



41

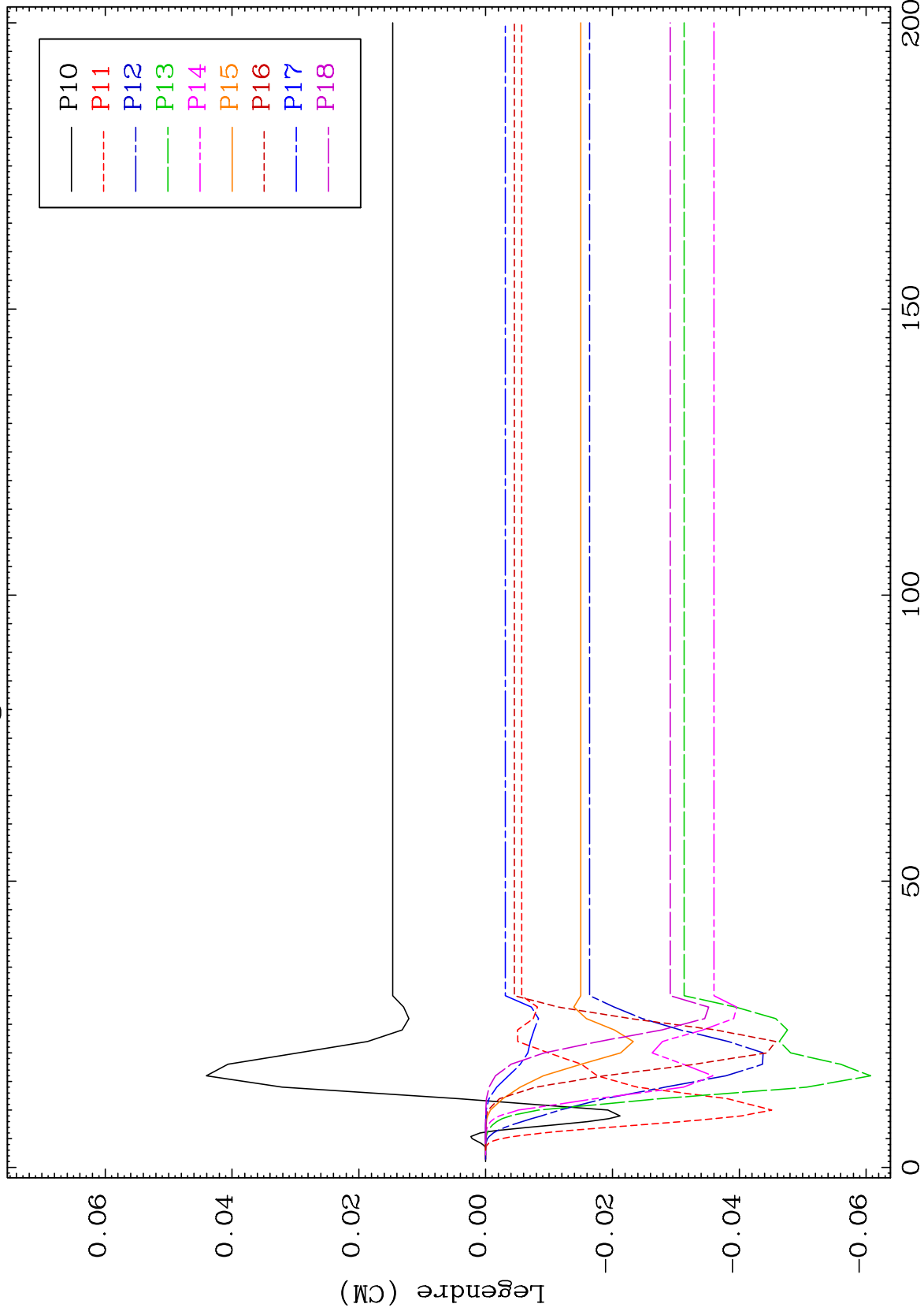
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



42

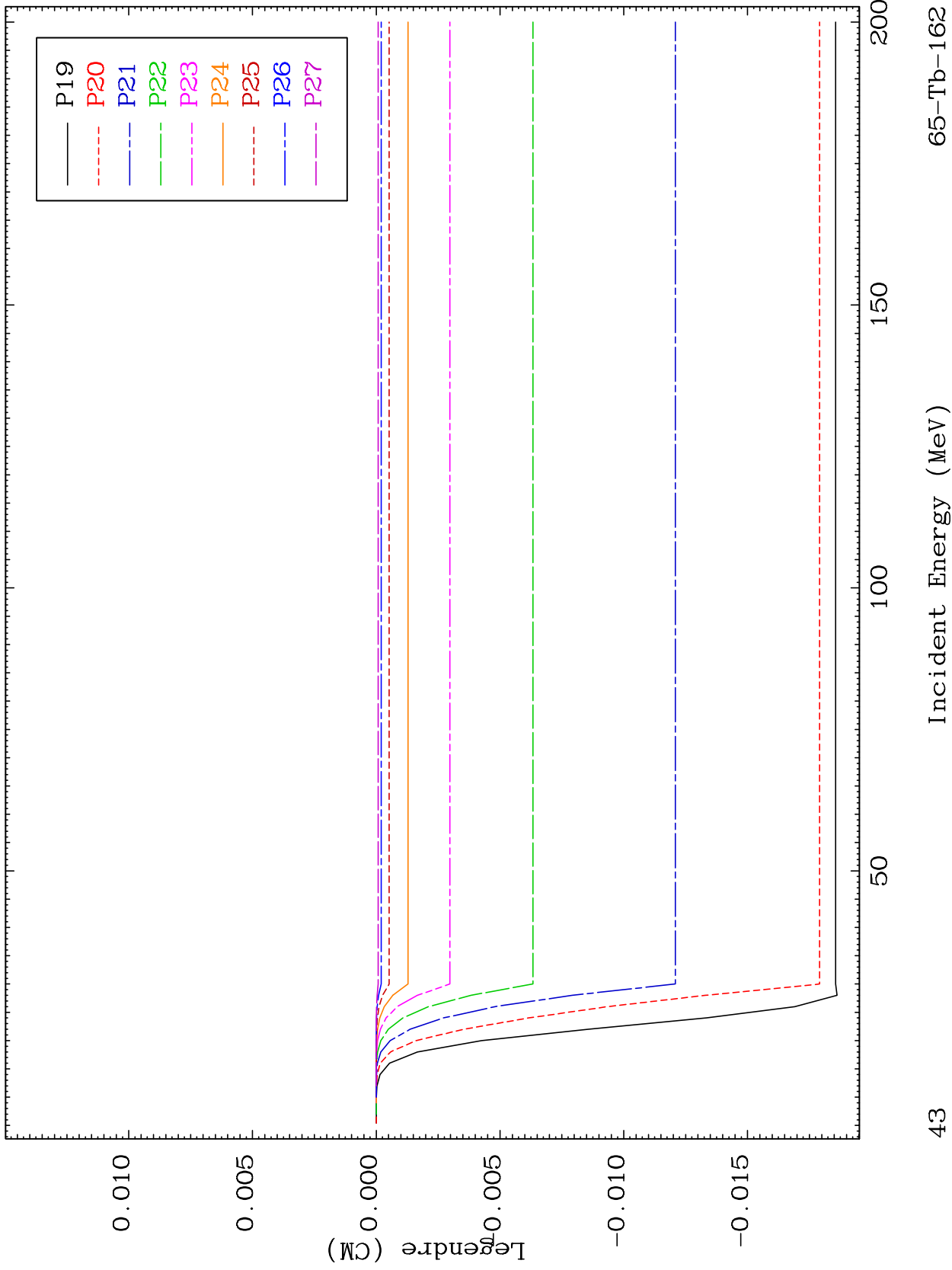
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



43

Incident Energy (MeV)

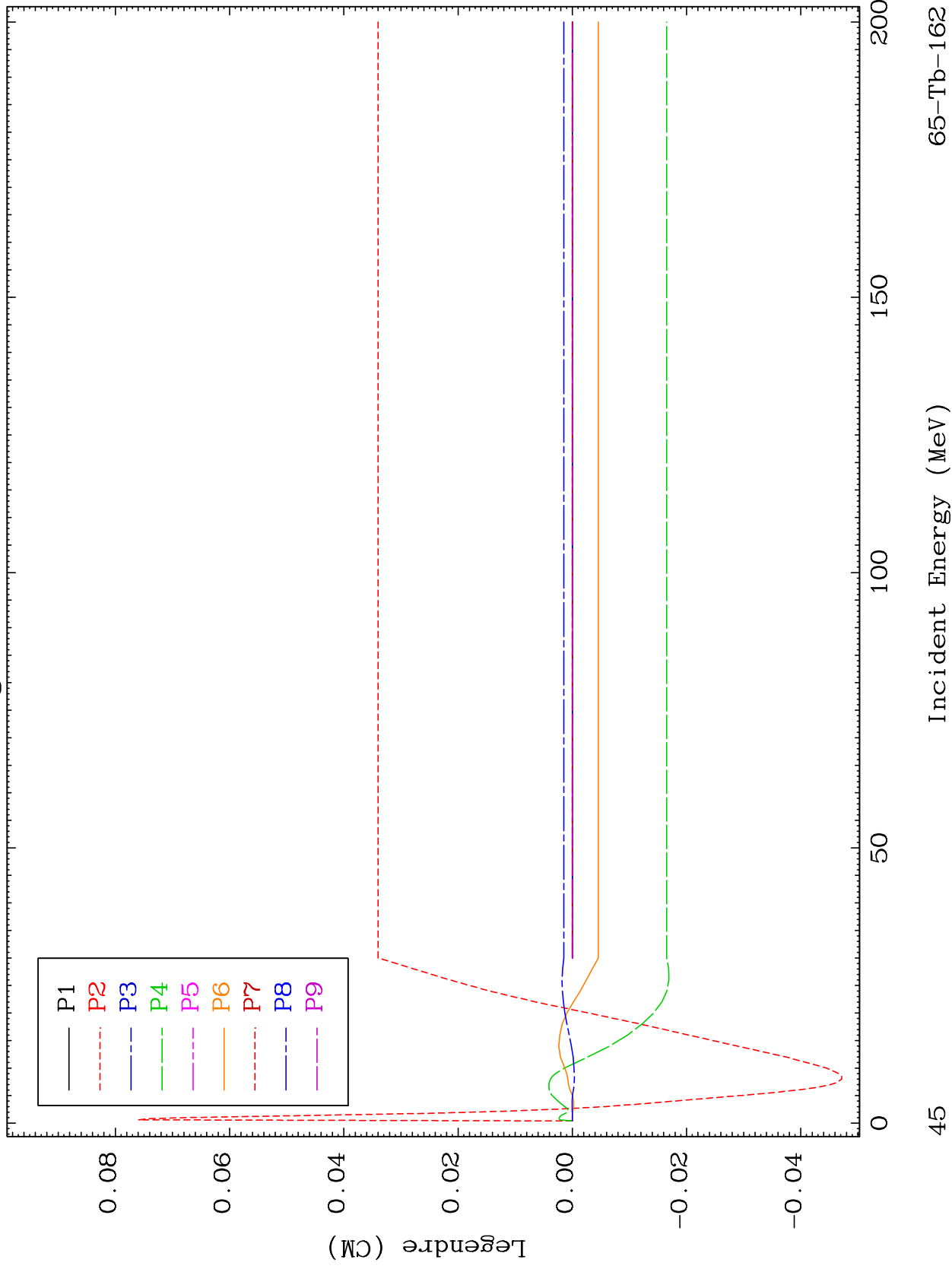
65-Tb-162



MAT 6534

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

65-Tb-162



65-Tb-162

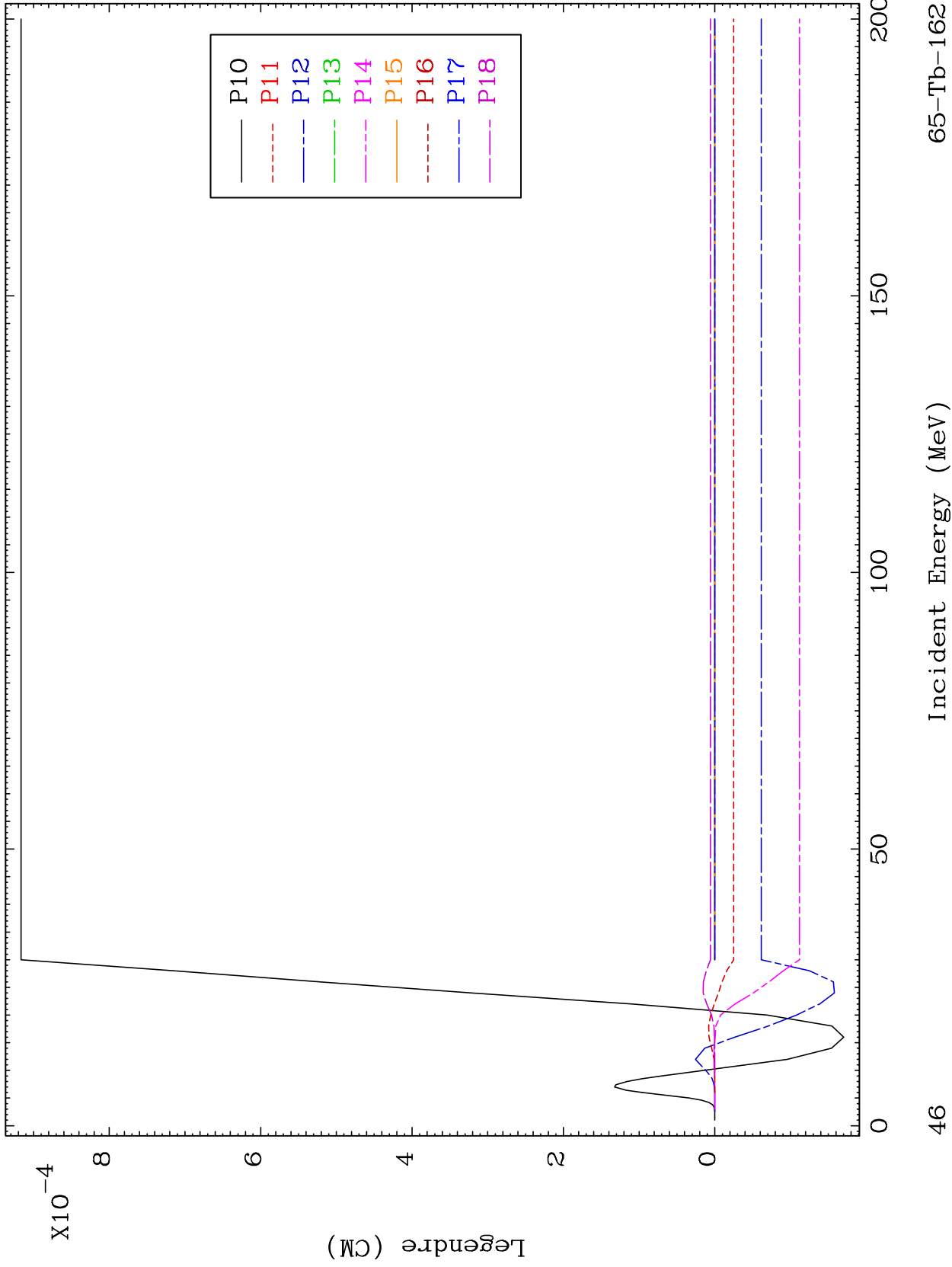
Incident Energy (MeV)

45

MAT 6534

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

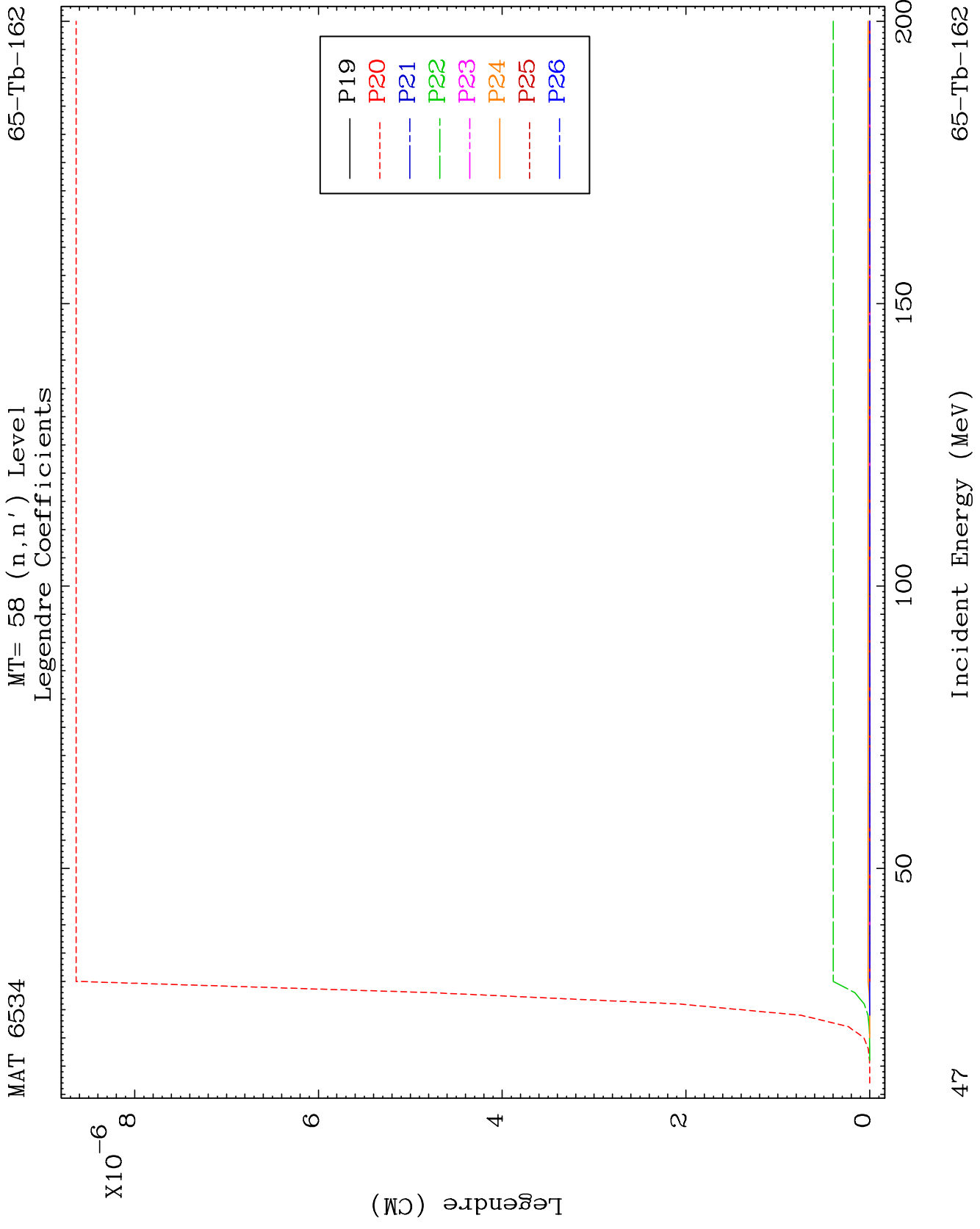
65-Tb-162



65-Tb-162

Incident Energy (MeV)

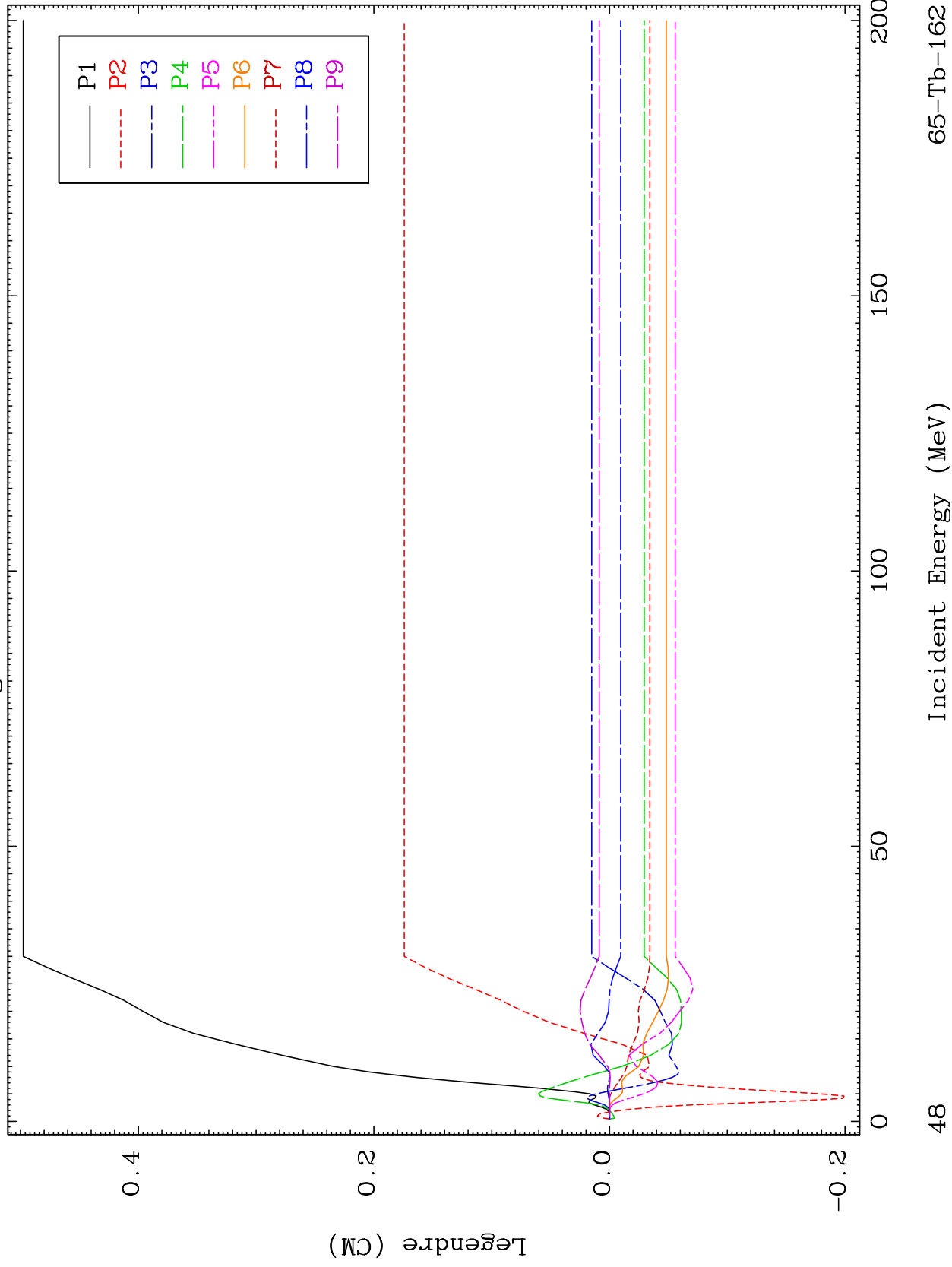
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MAT 6534

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

65-Tb-162



65-Tb-162

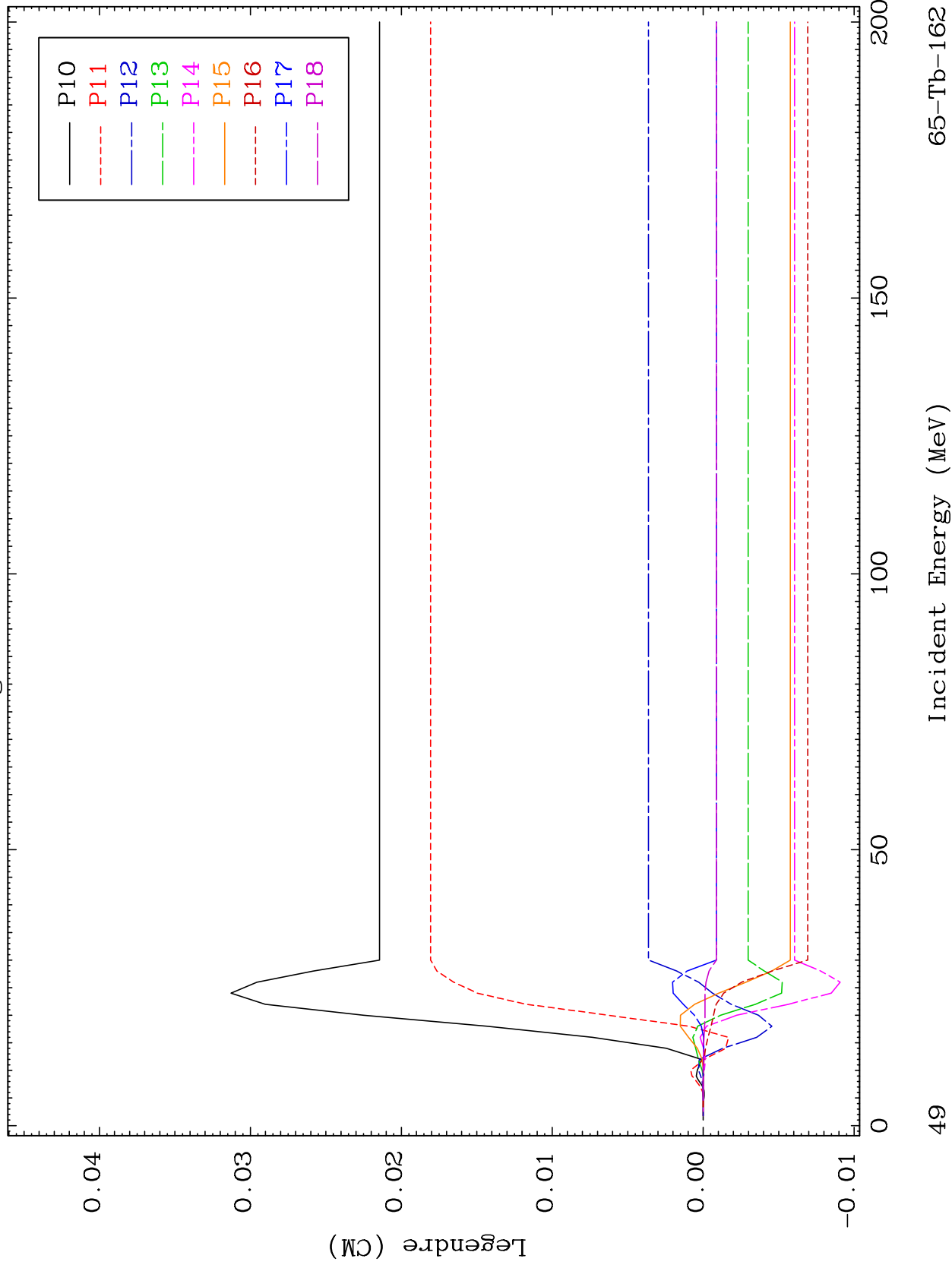
Incident Energy (MeV)

48

MAT 6534

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

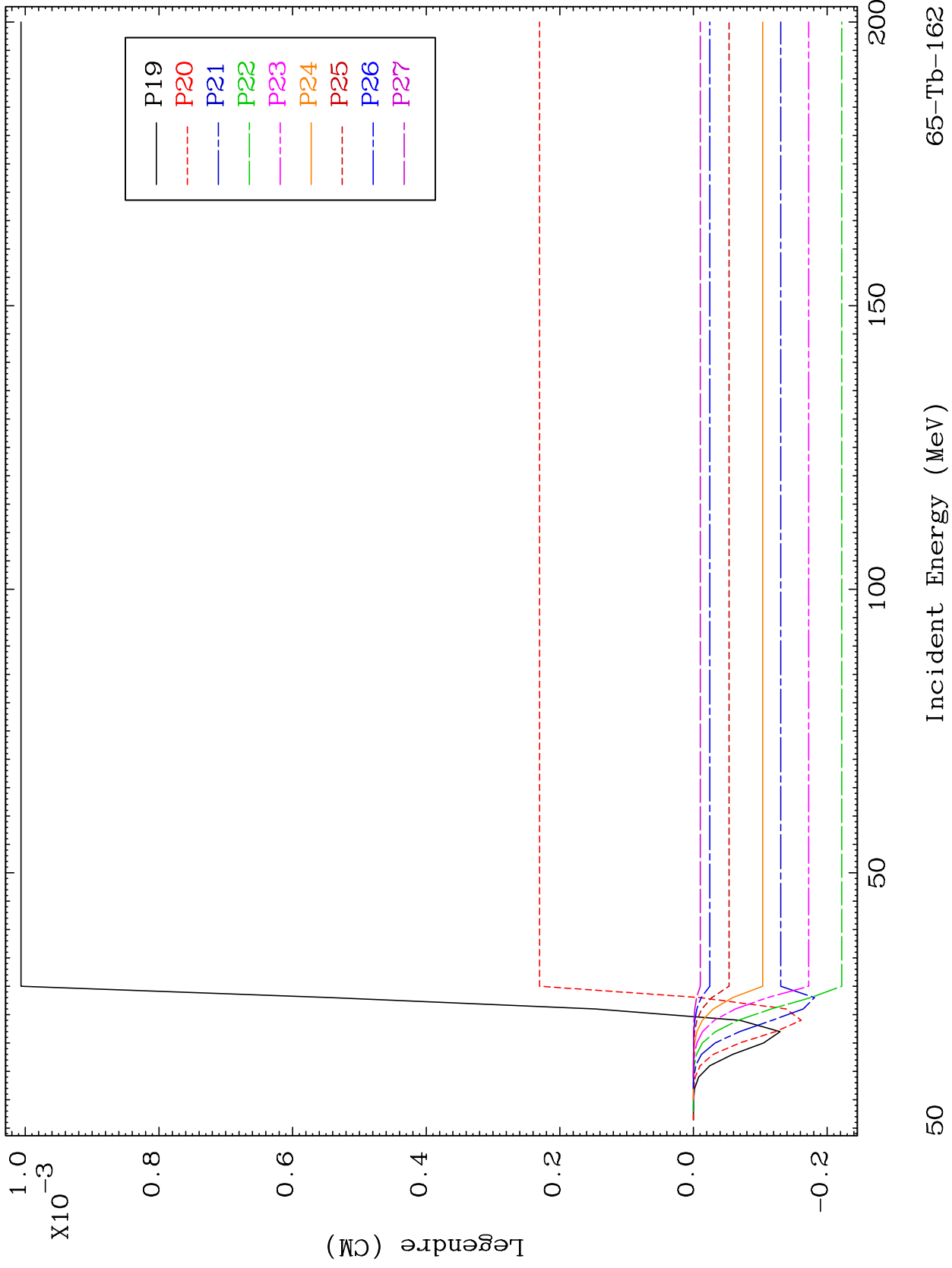
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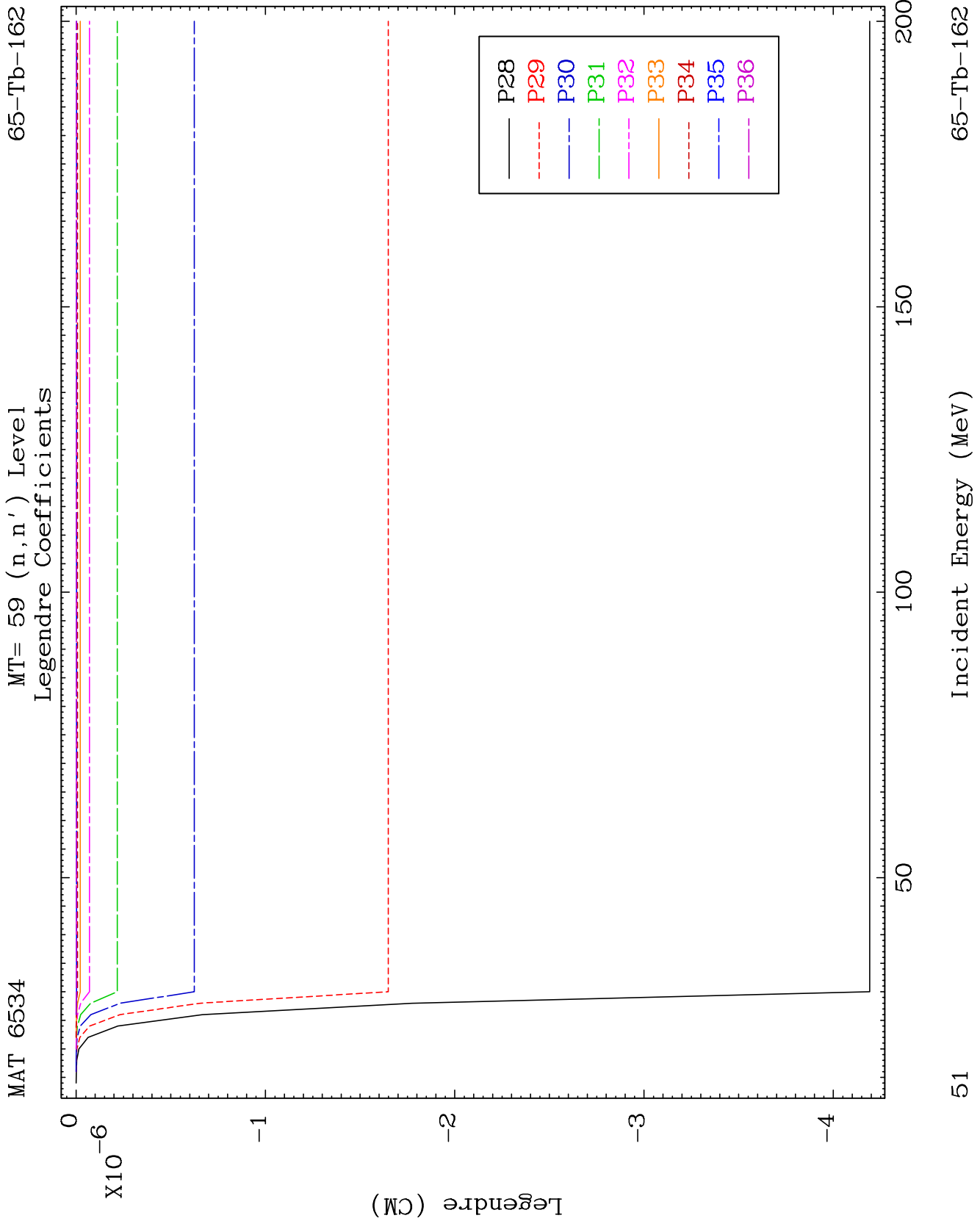


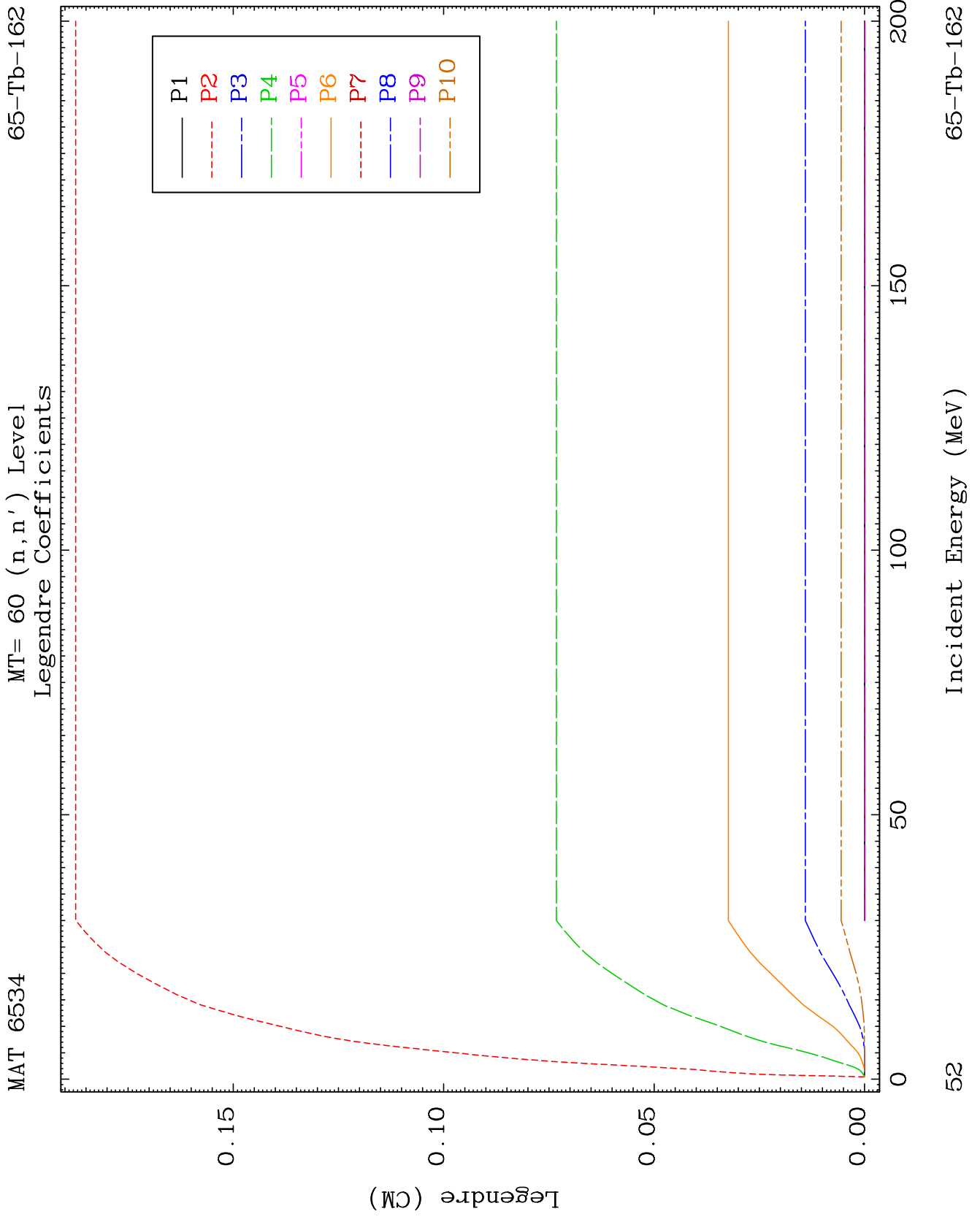
MAT 6534

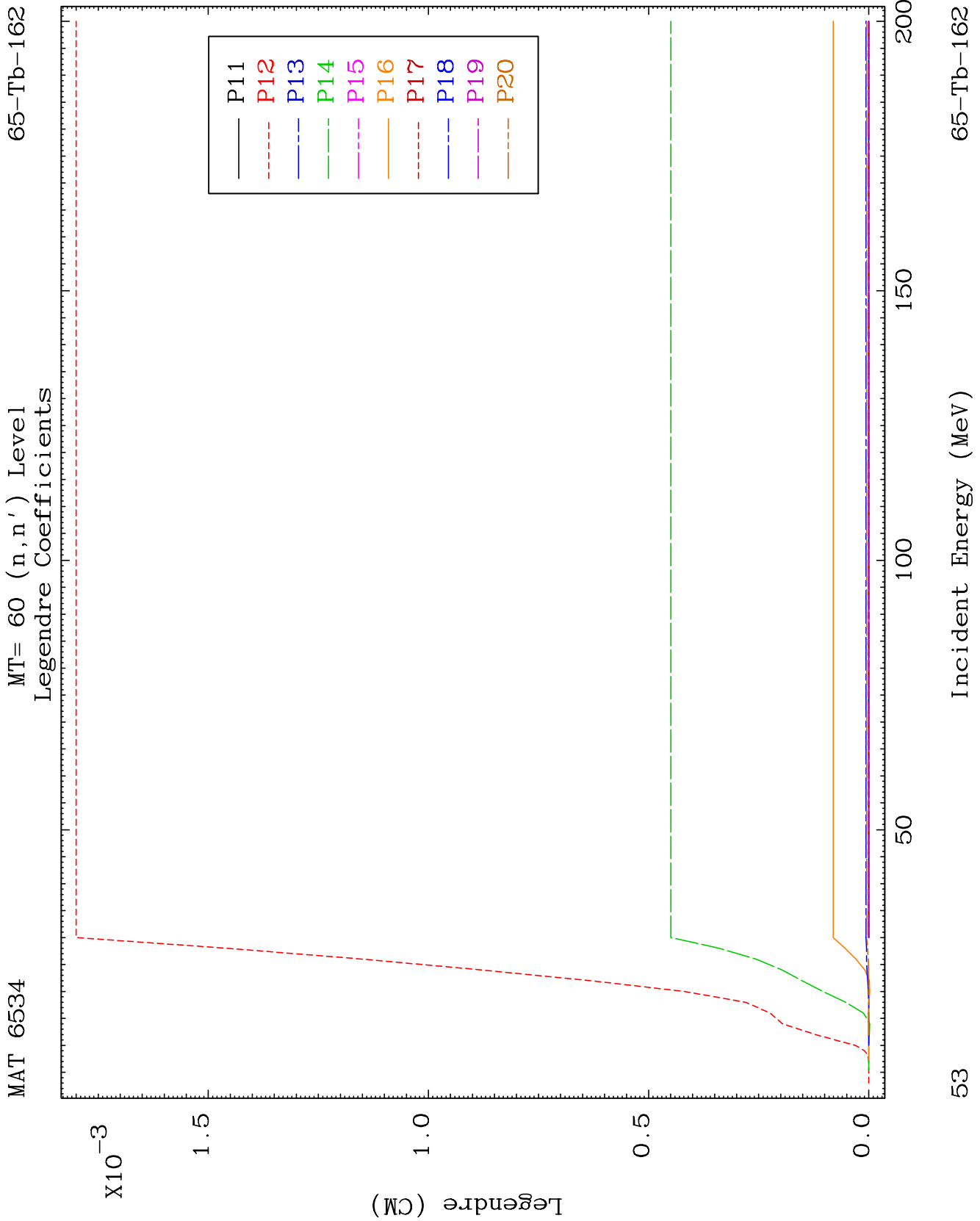
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Legendre Coefficients

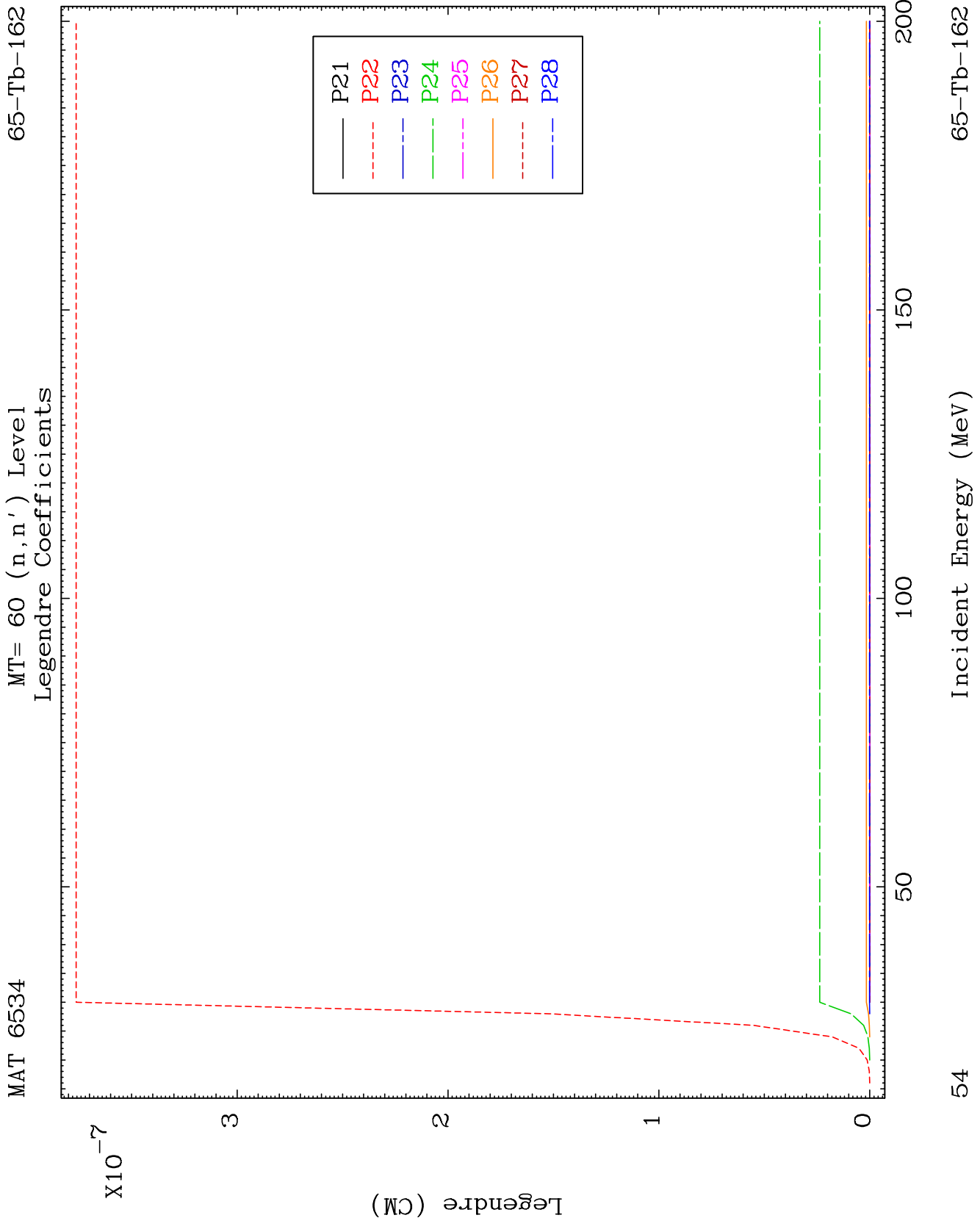
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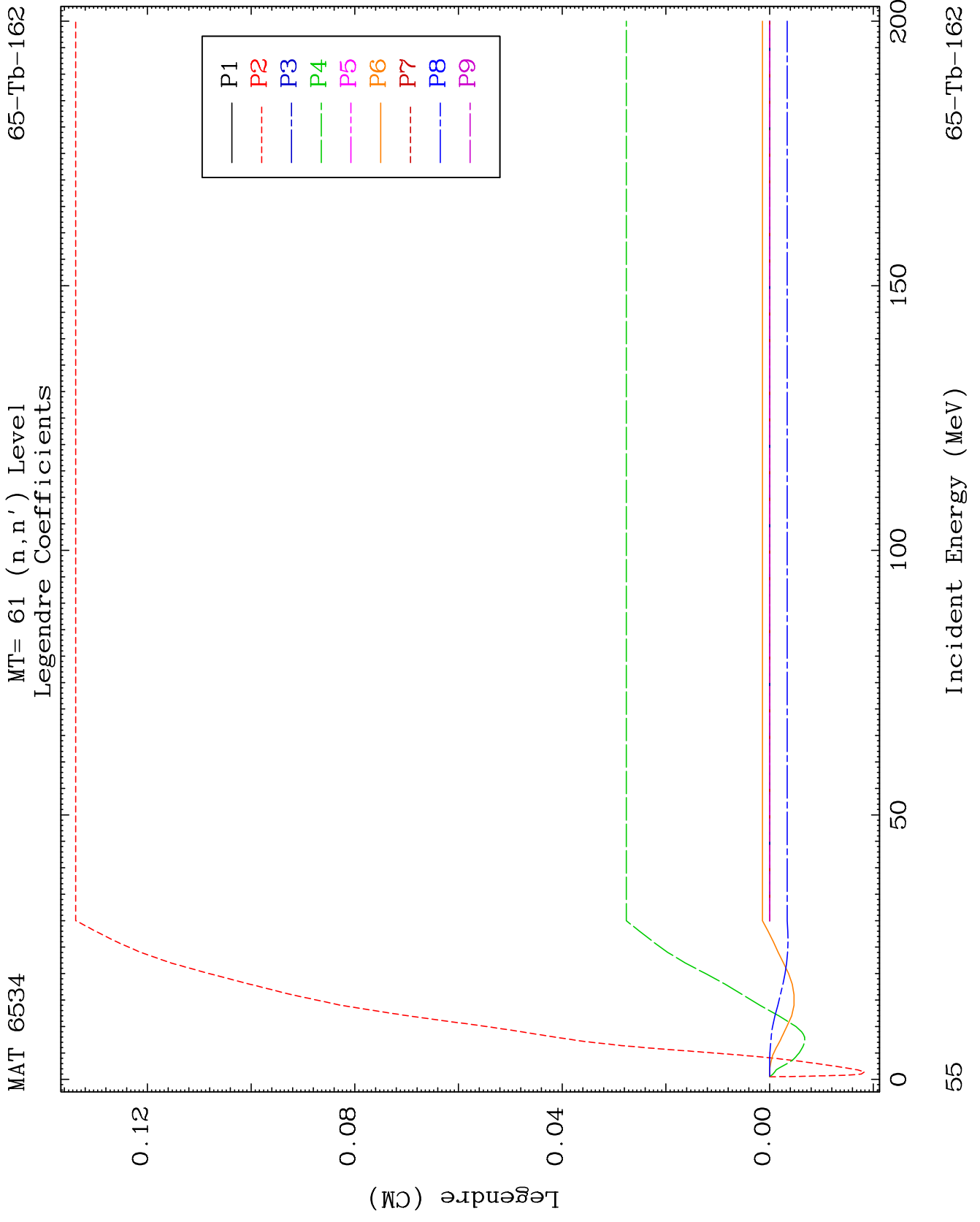


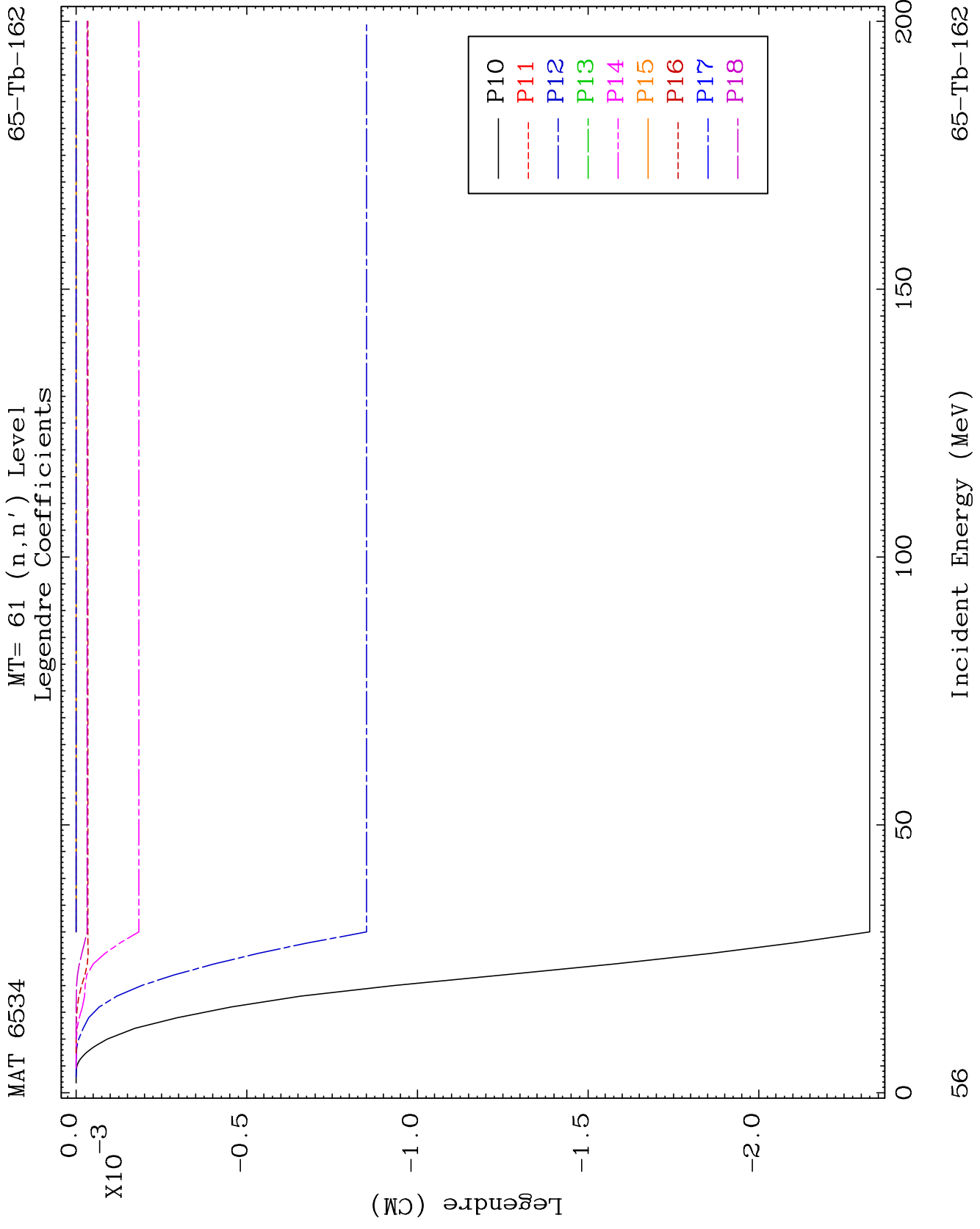


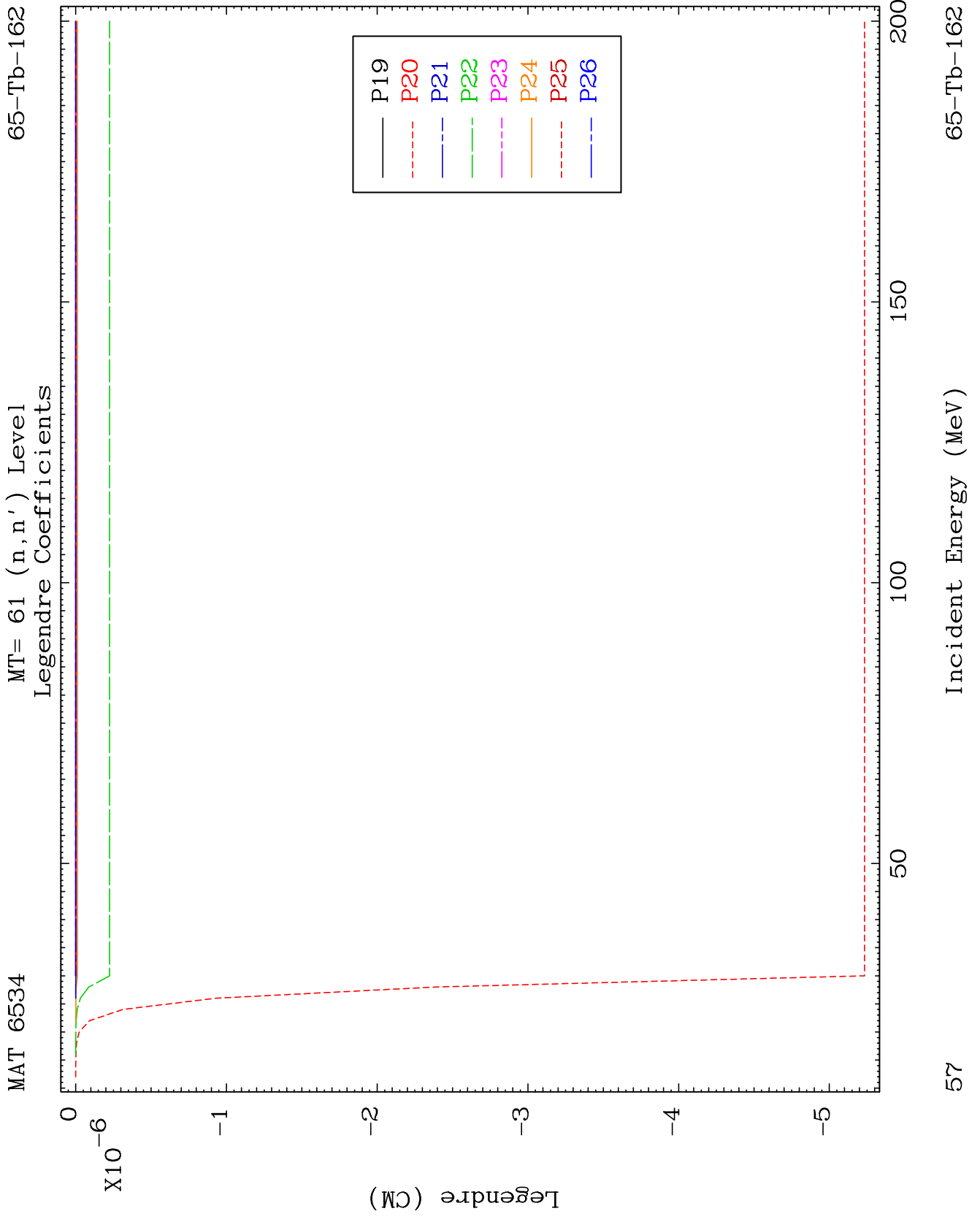


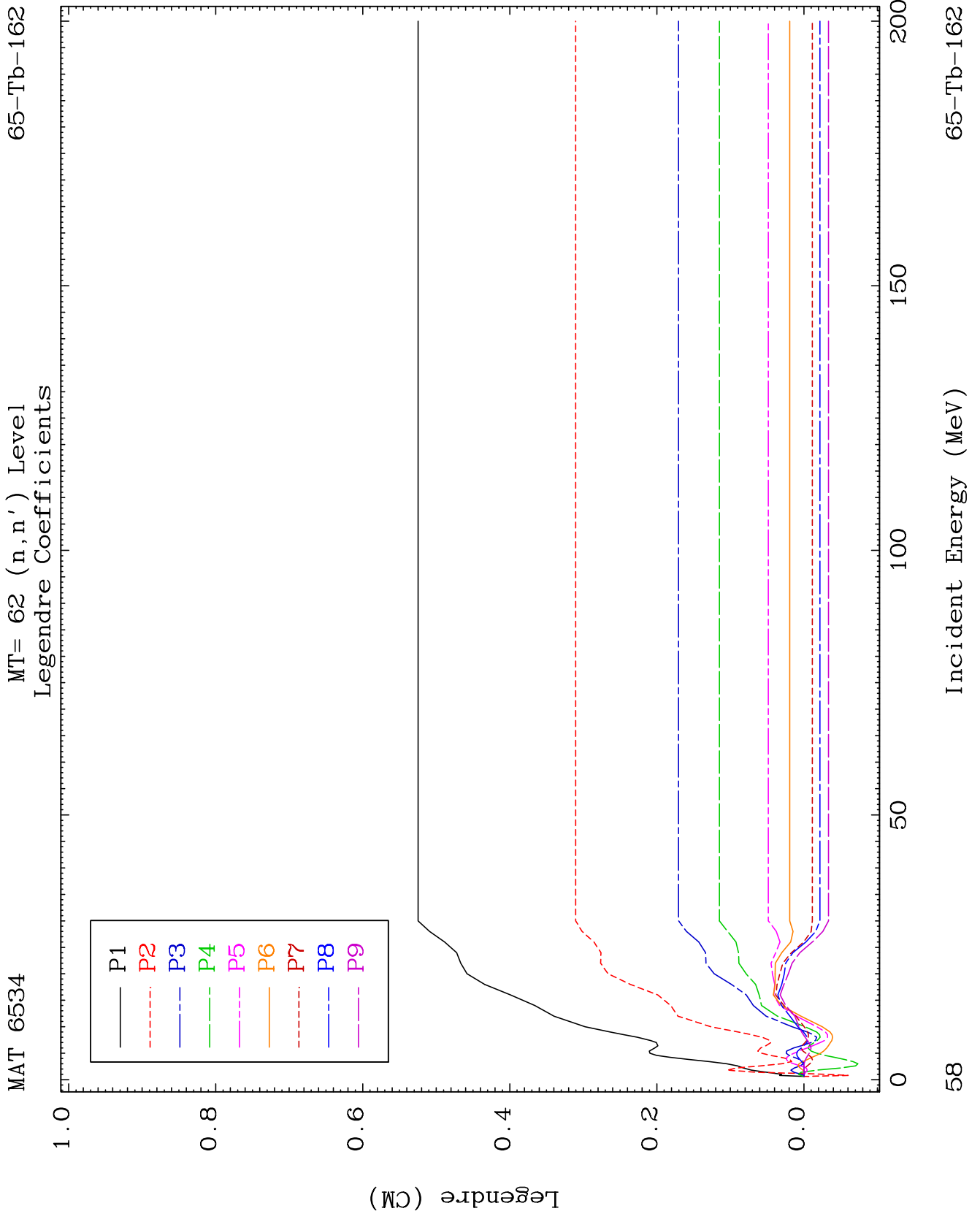








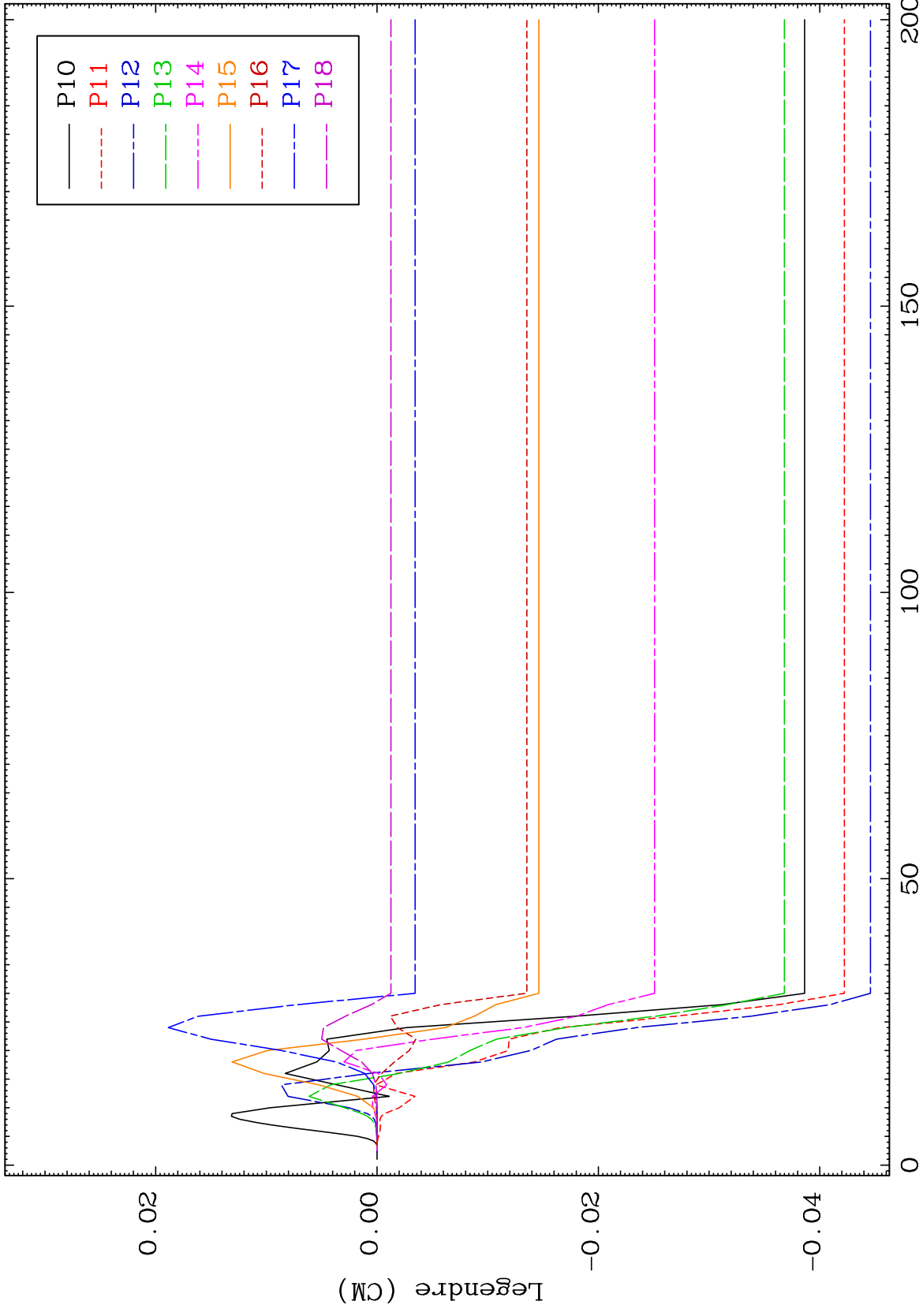




MAT 6534

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

65-Tb-162



59

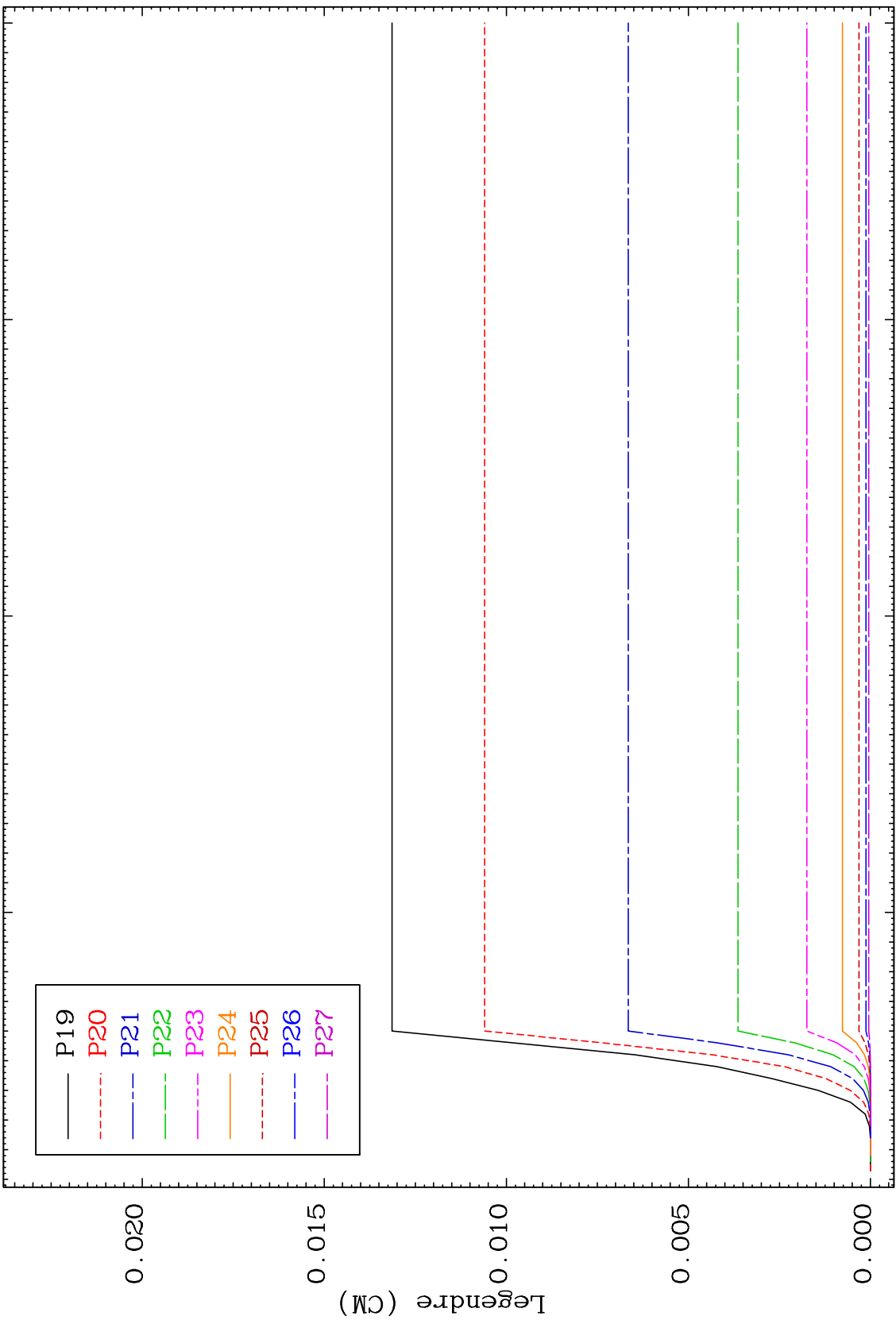
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



60

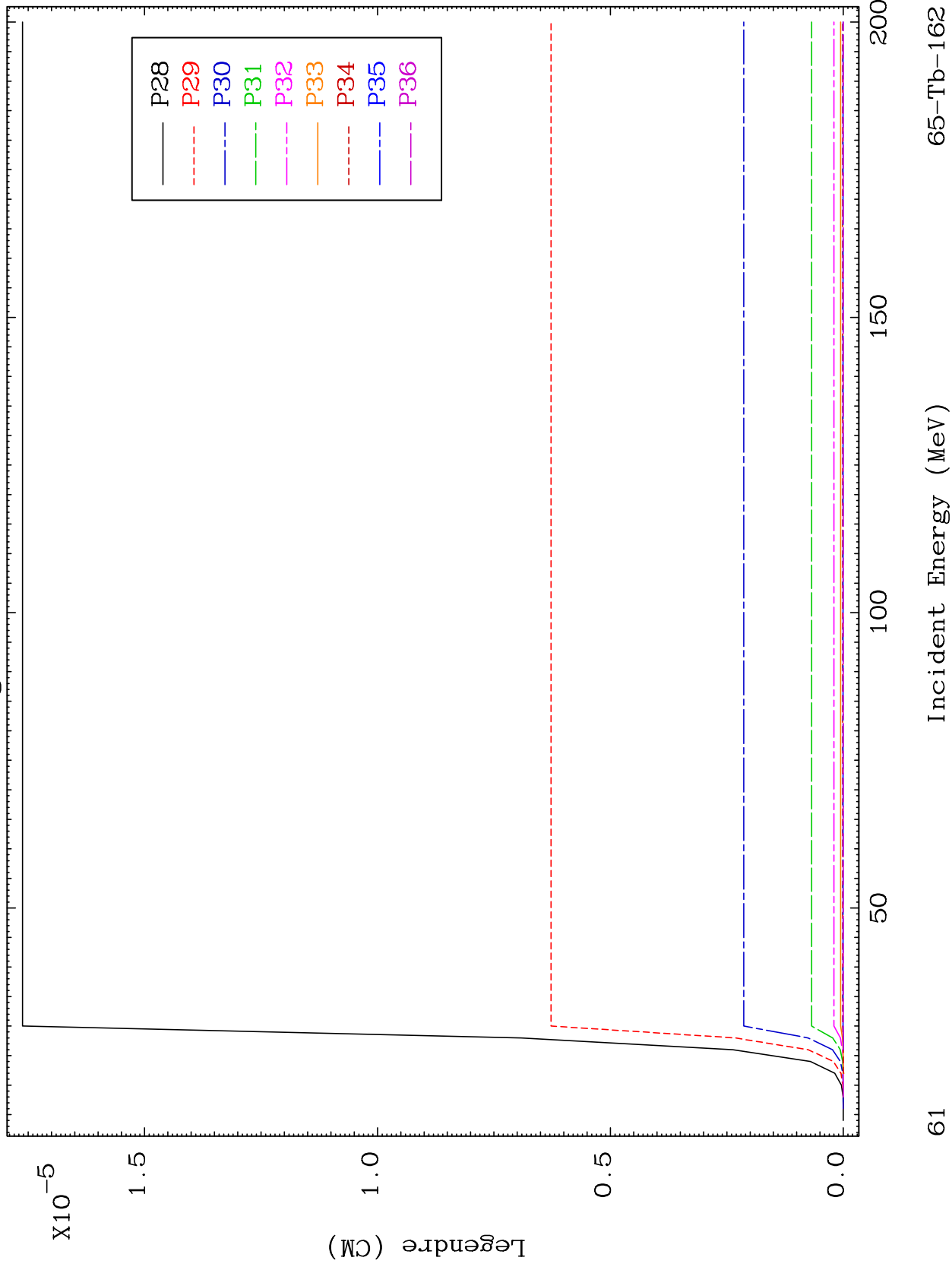
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



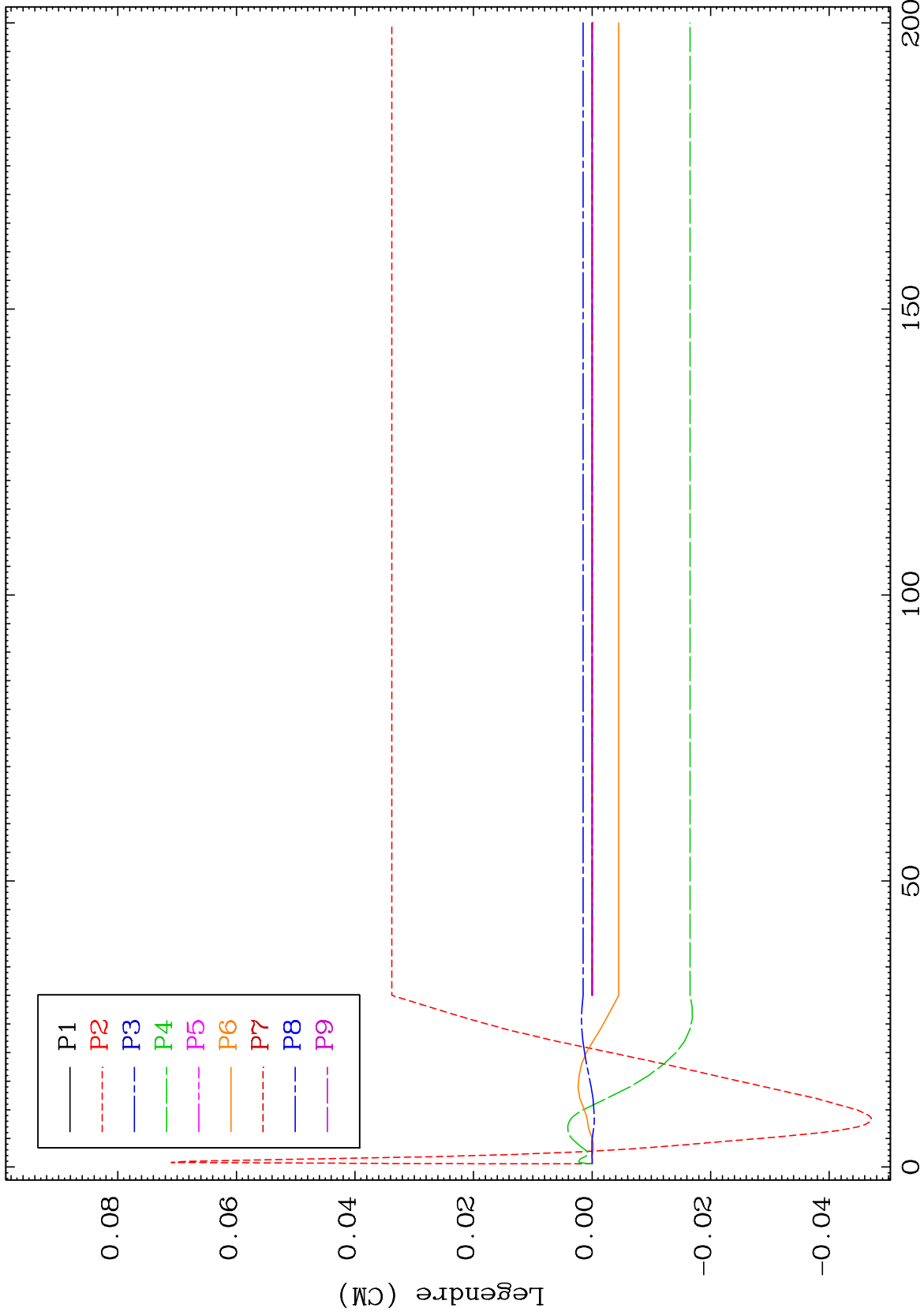
61

65-Tb-162

MAT 6534

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

65-Tb-162



62

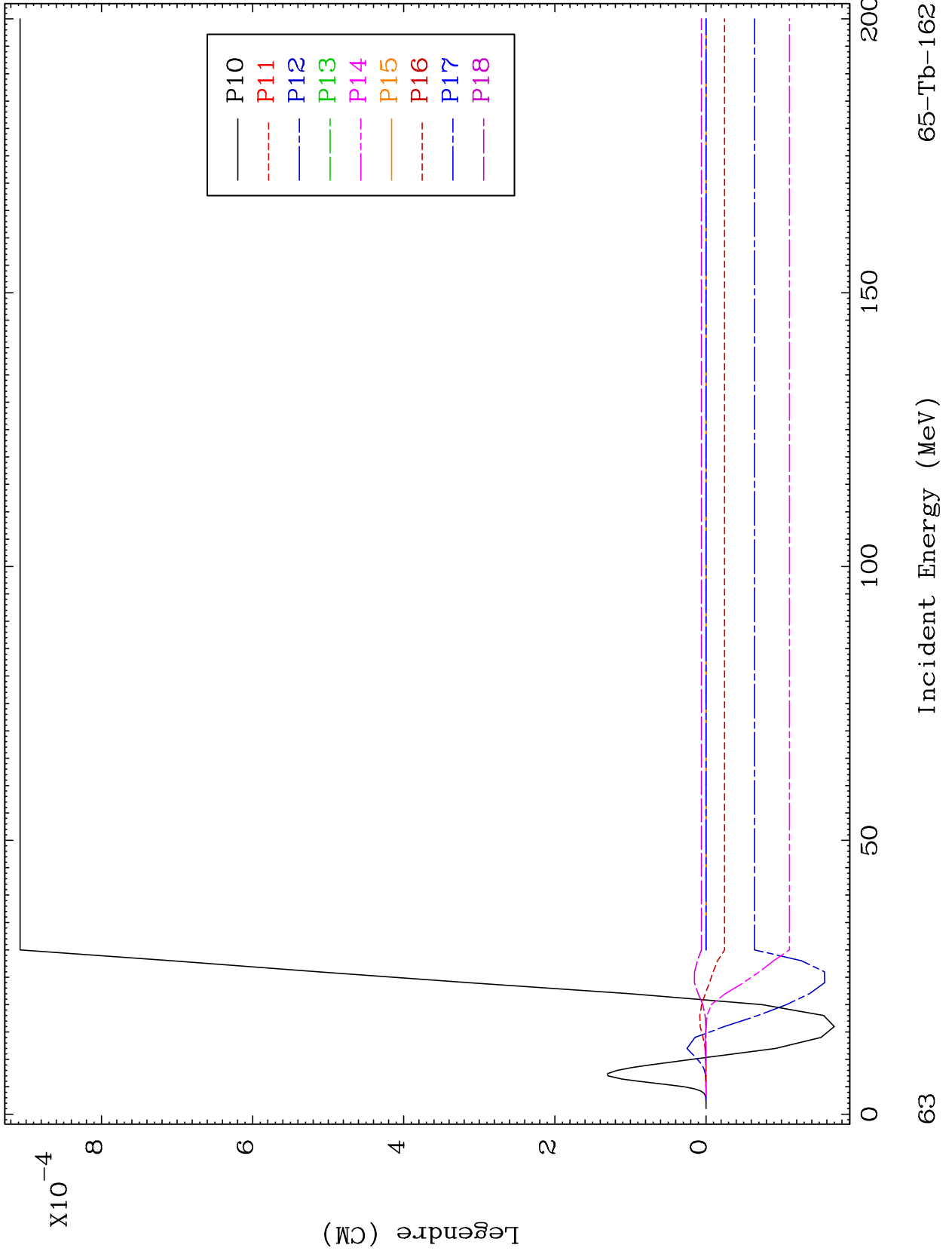
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



63

Incident Energy (MeV)

65-Tb-162

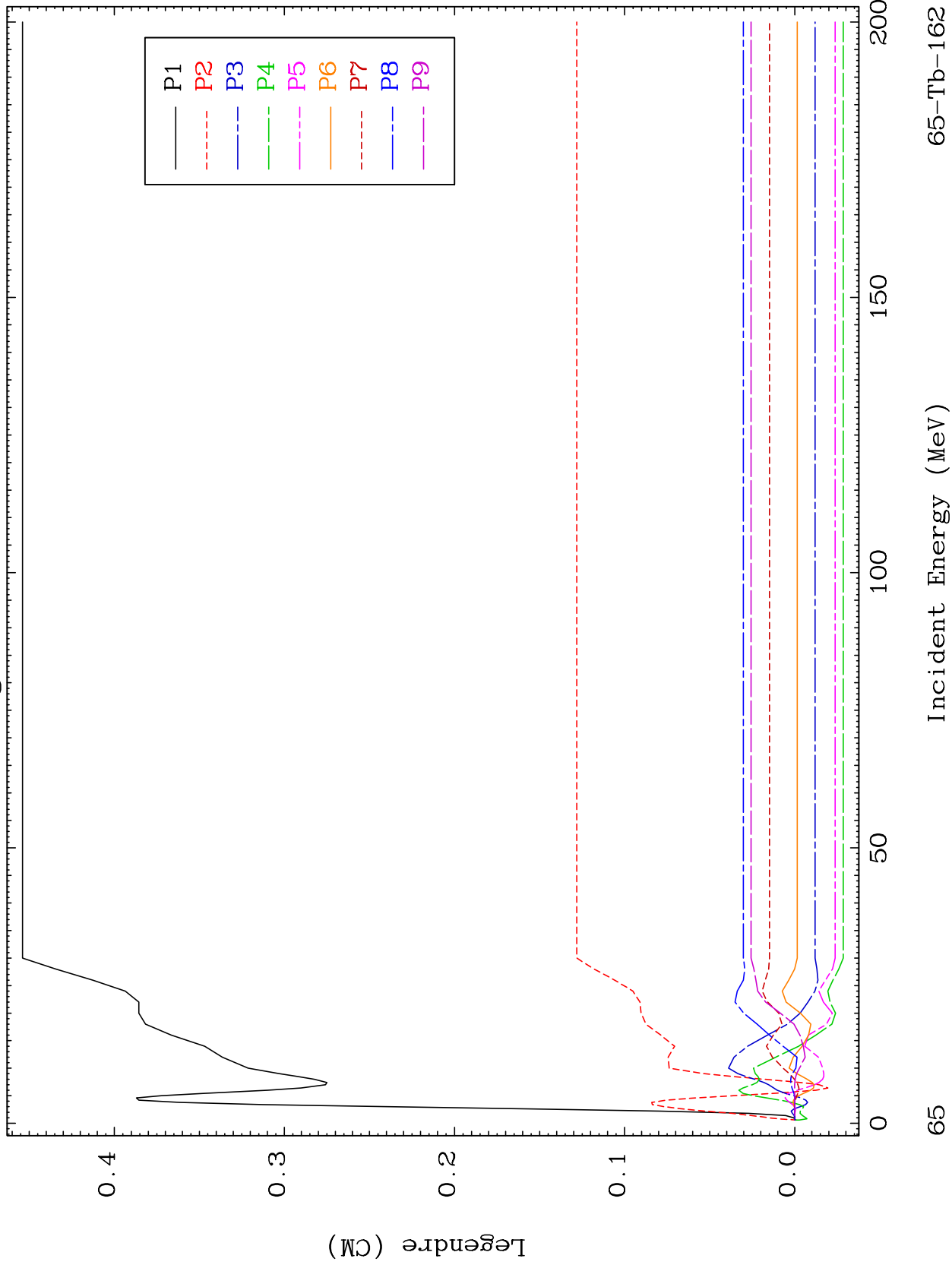


MAT 6534

MT= 64 (n,n') Level

65-Tb-162

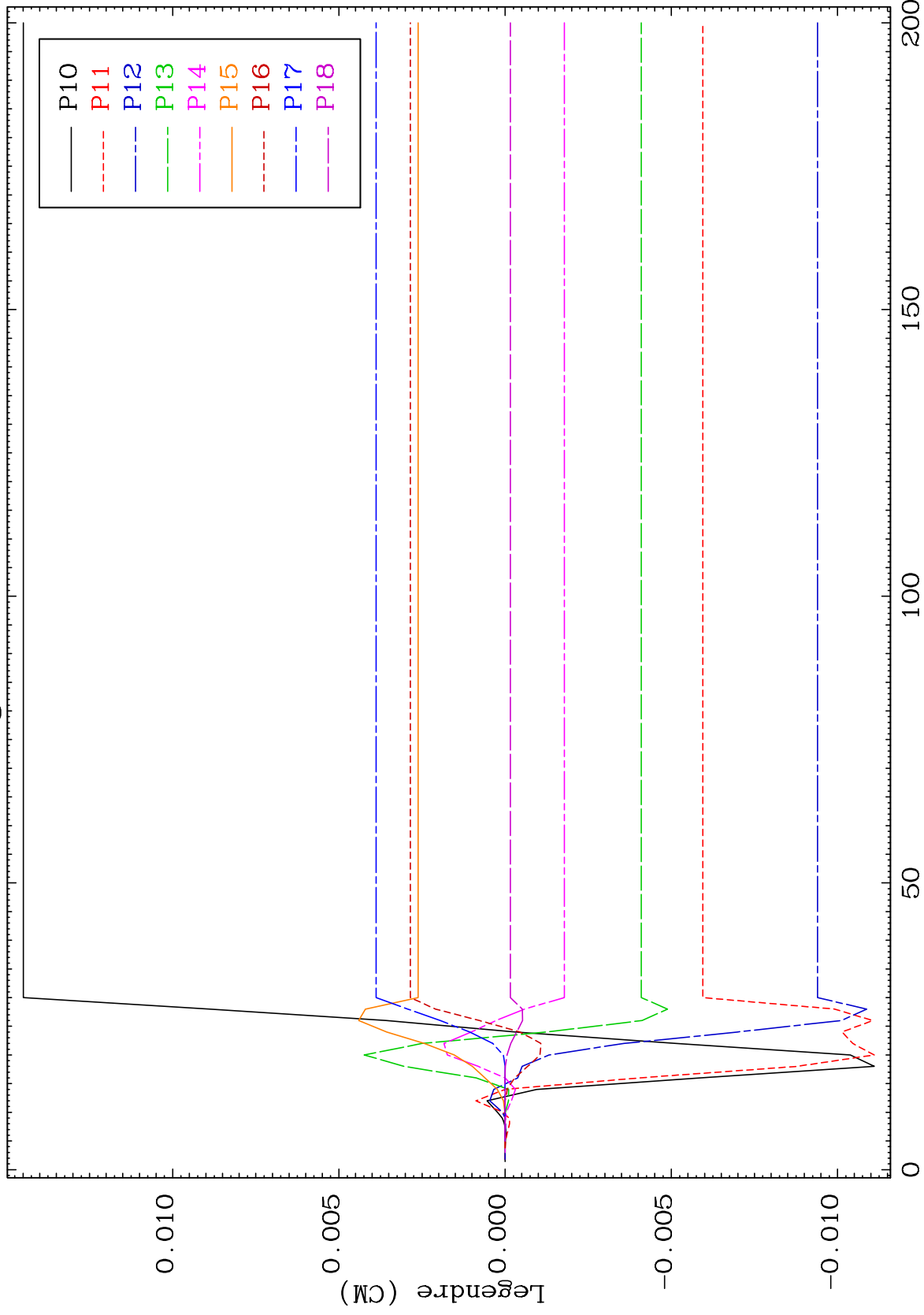
Legendre Coefficients



MAT 6534

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

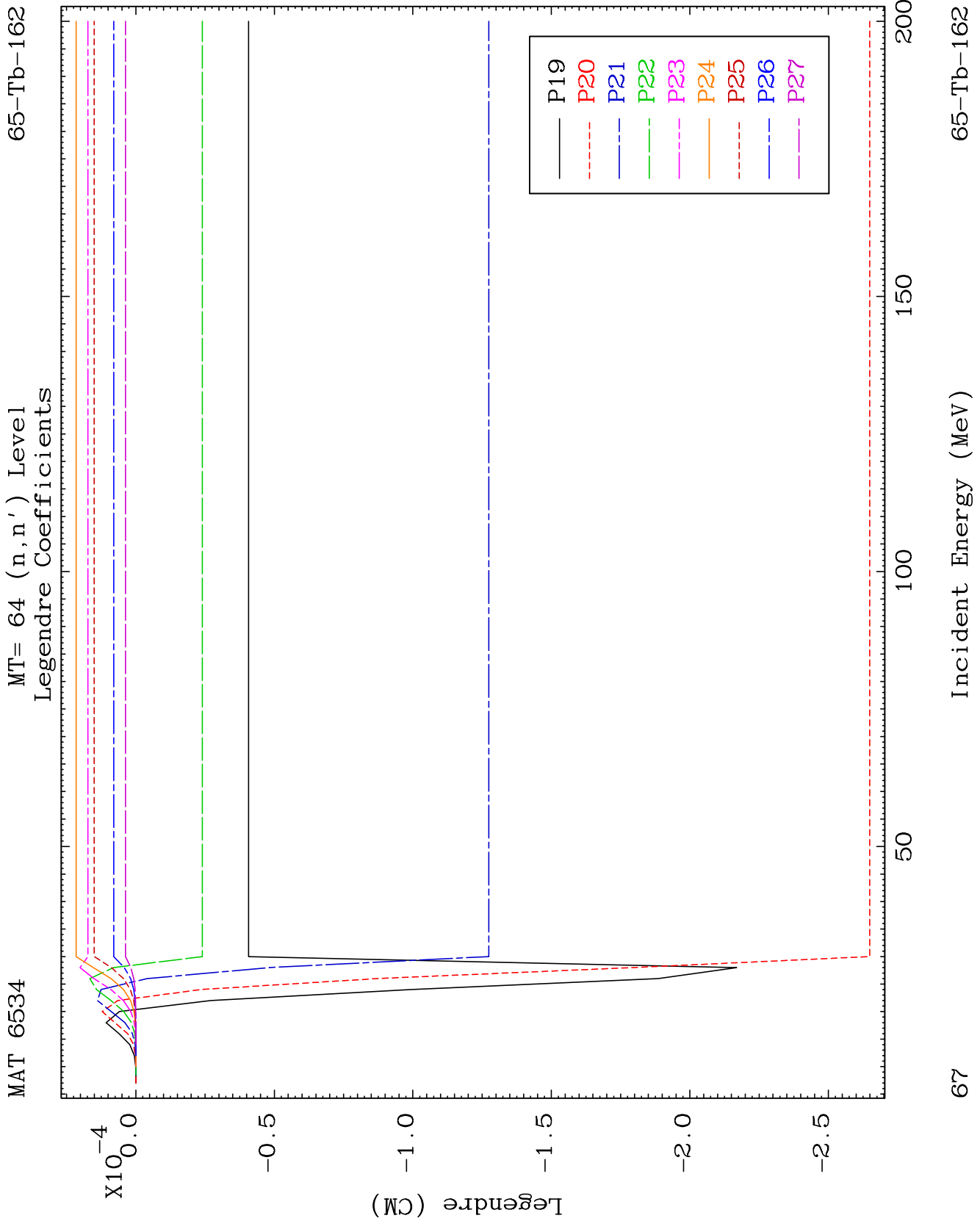
65-Tb-162



66

Incident Energy (MeV)

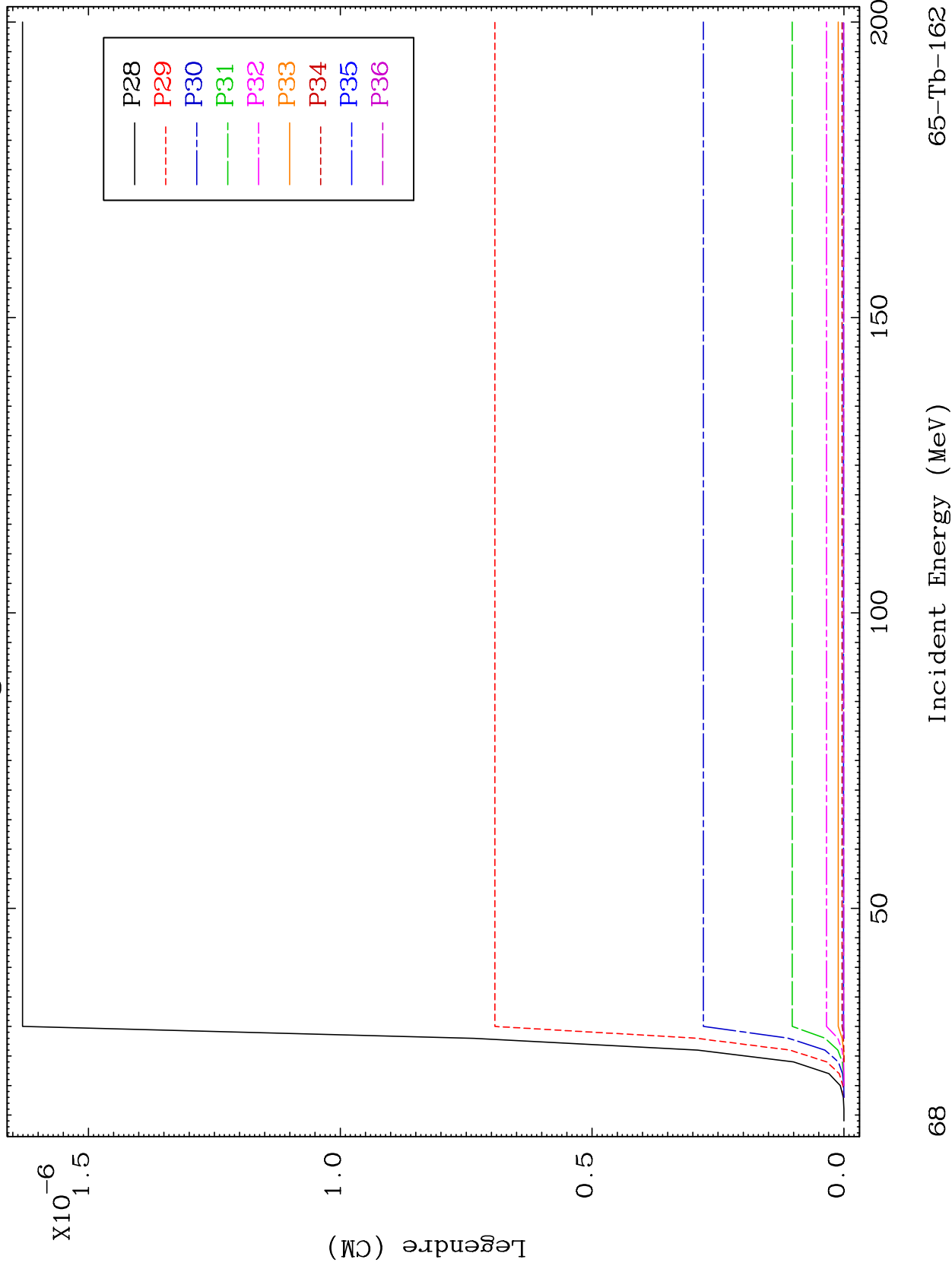
65-Tb-162



MAT 6534

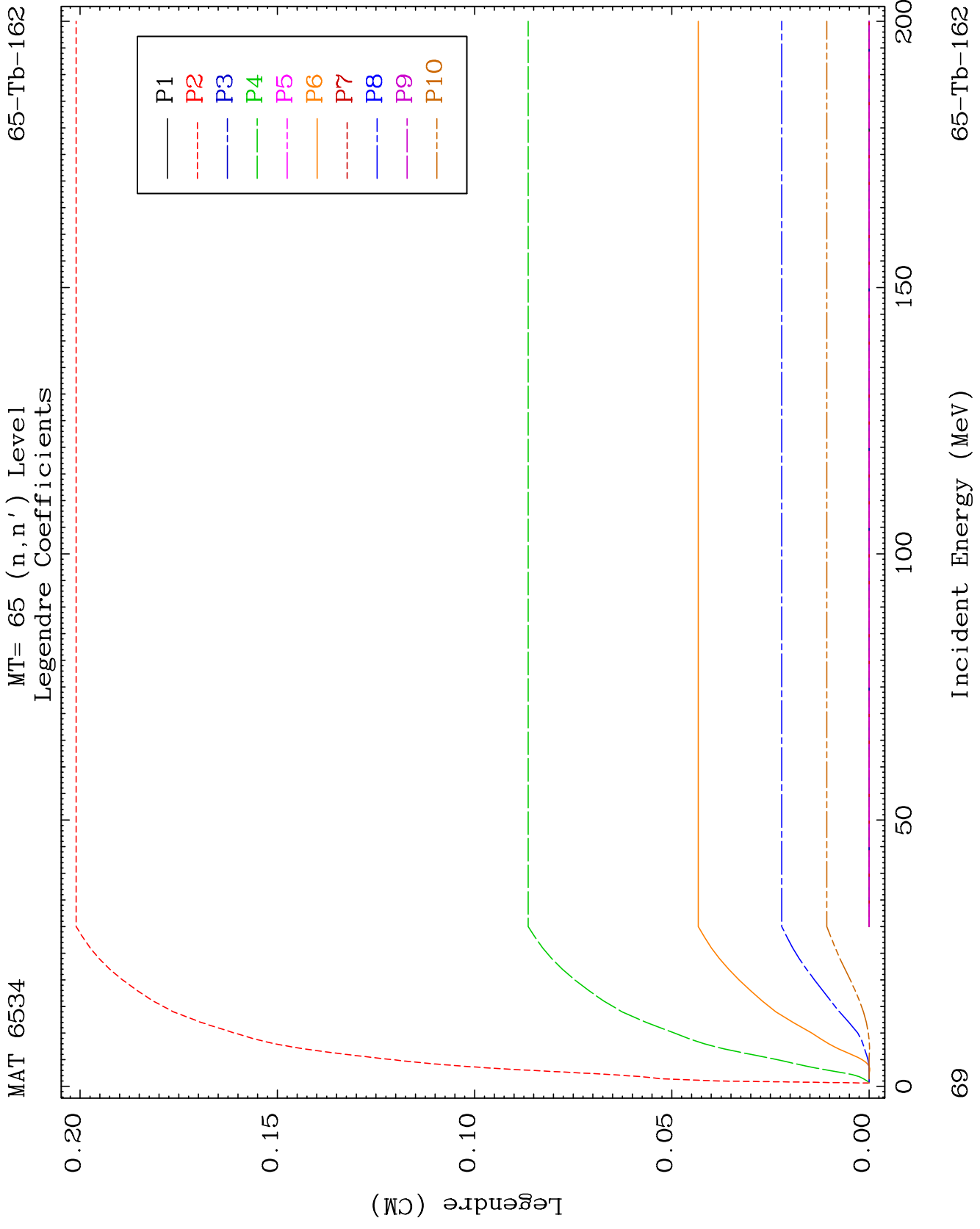
MT= 64 (n,n') Level  
Legendre Coefficients

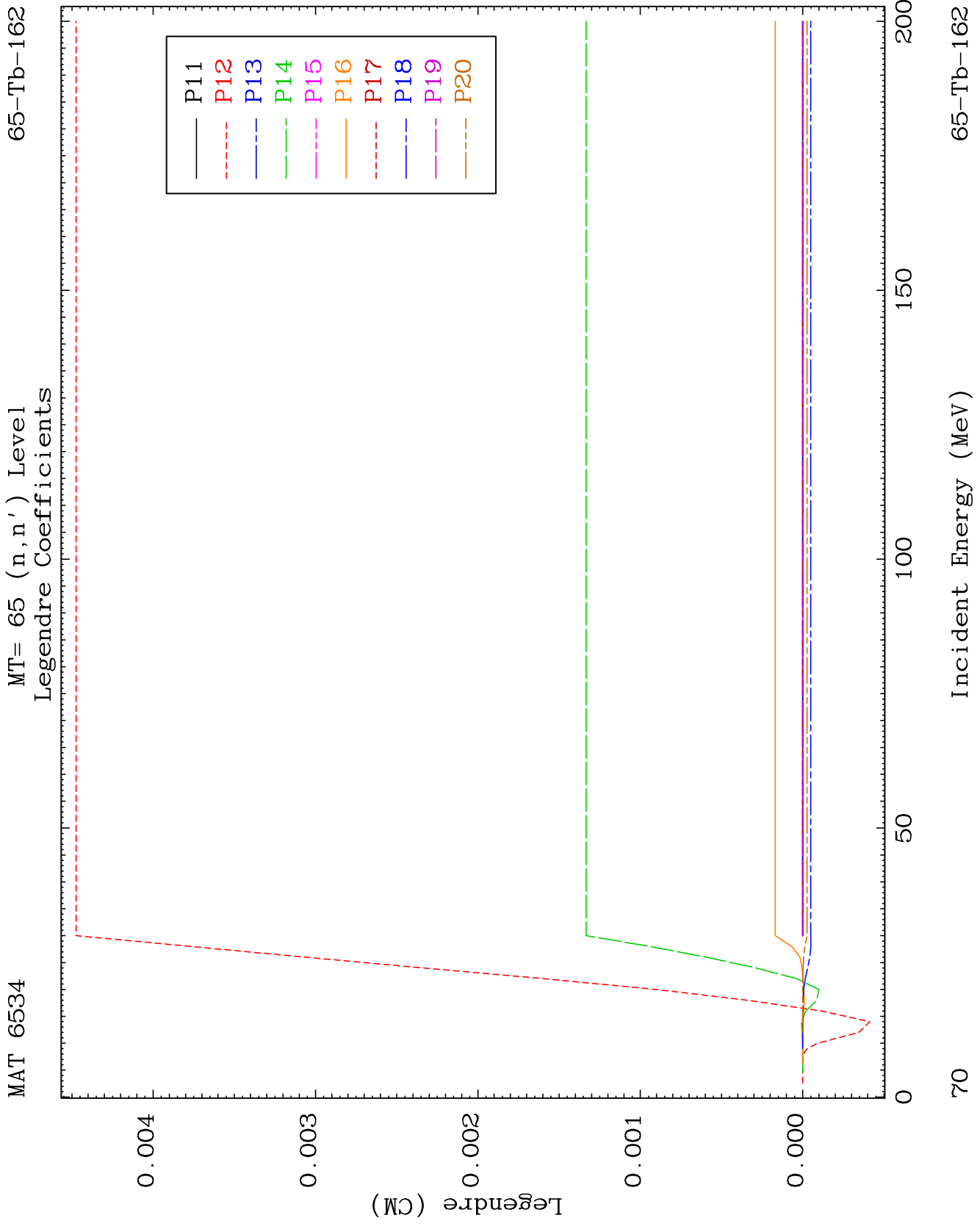
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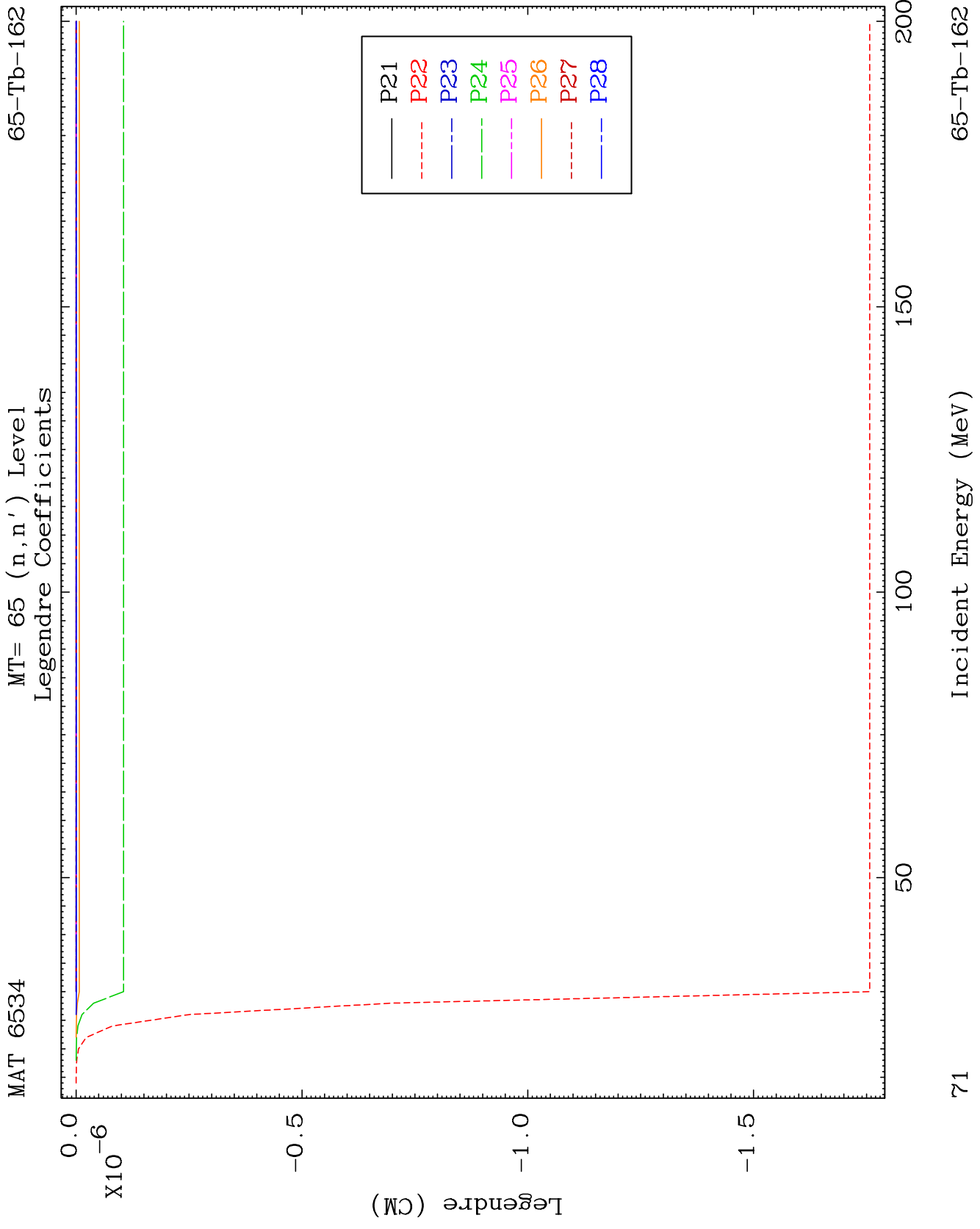


68

65-Tb-162



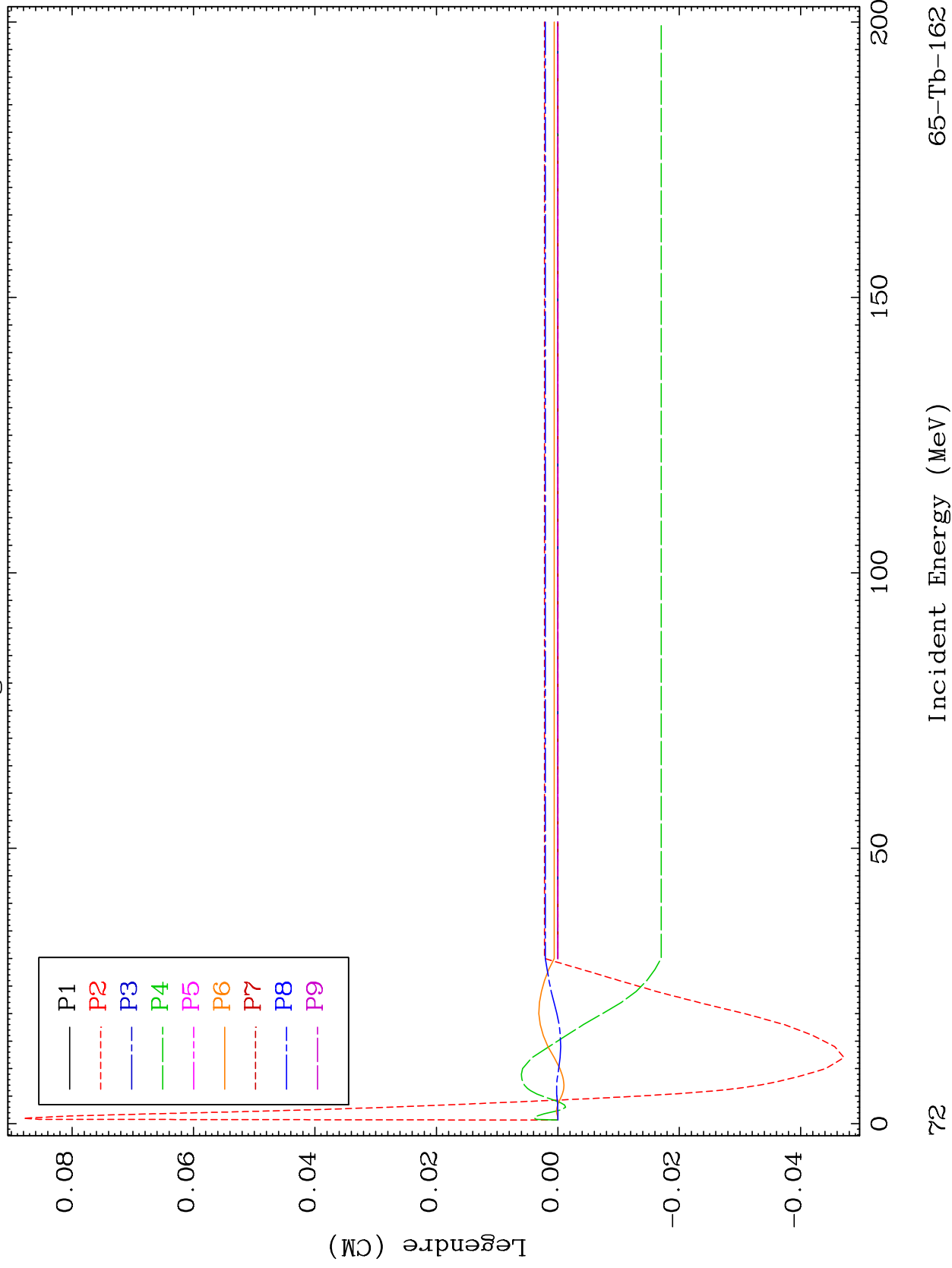




MAT 6534

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

65-Tb-162



72

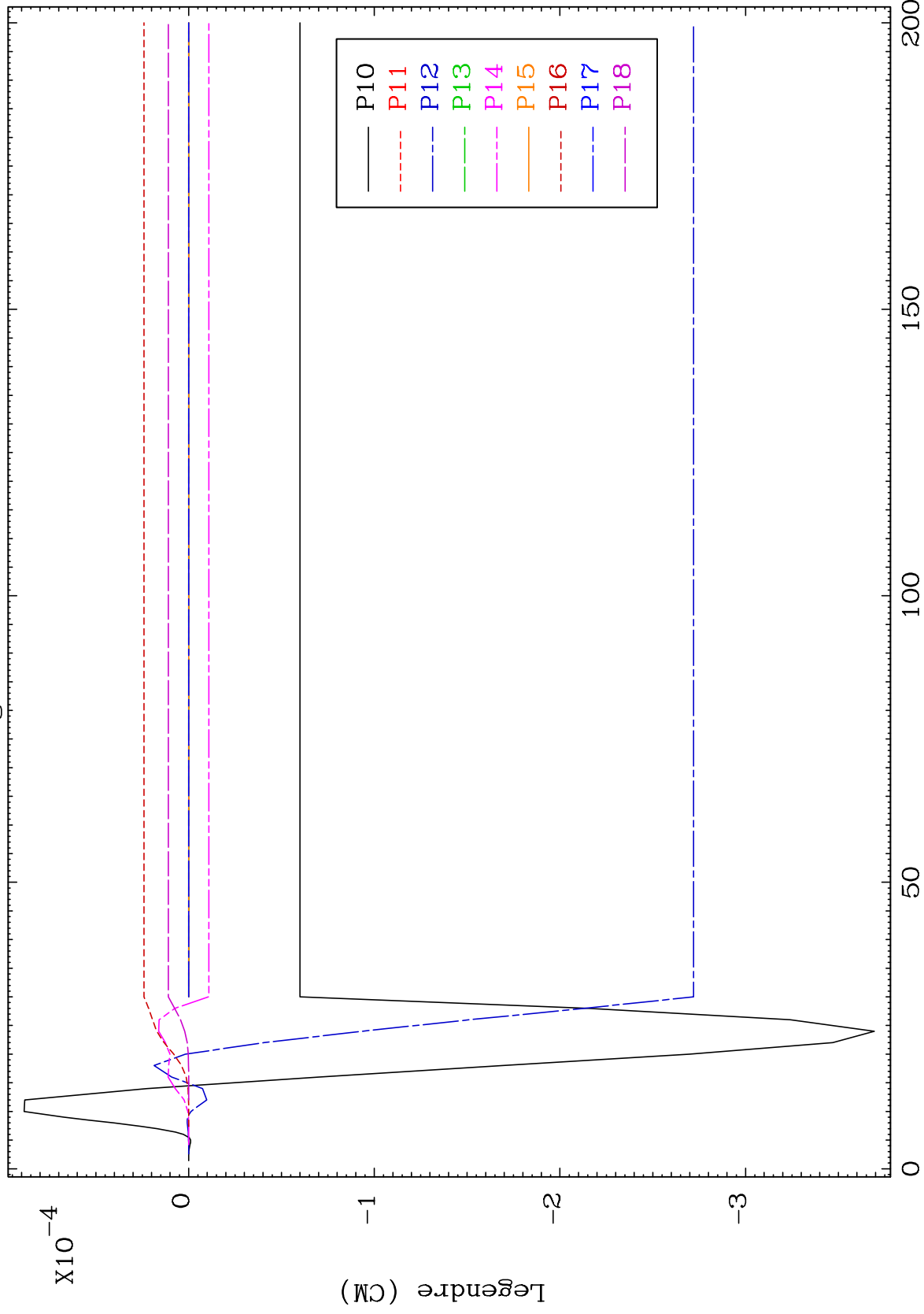
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162

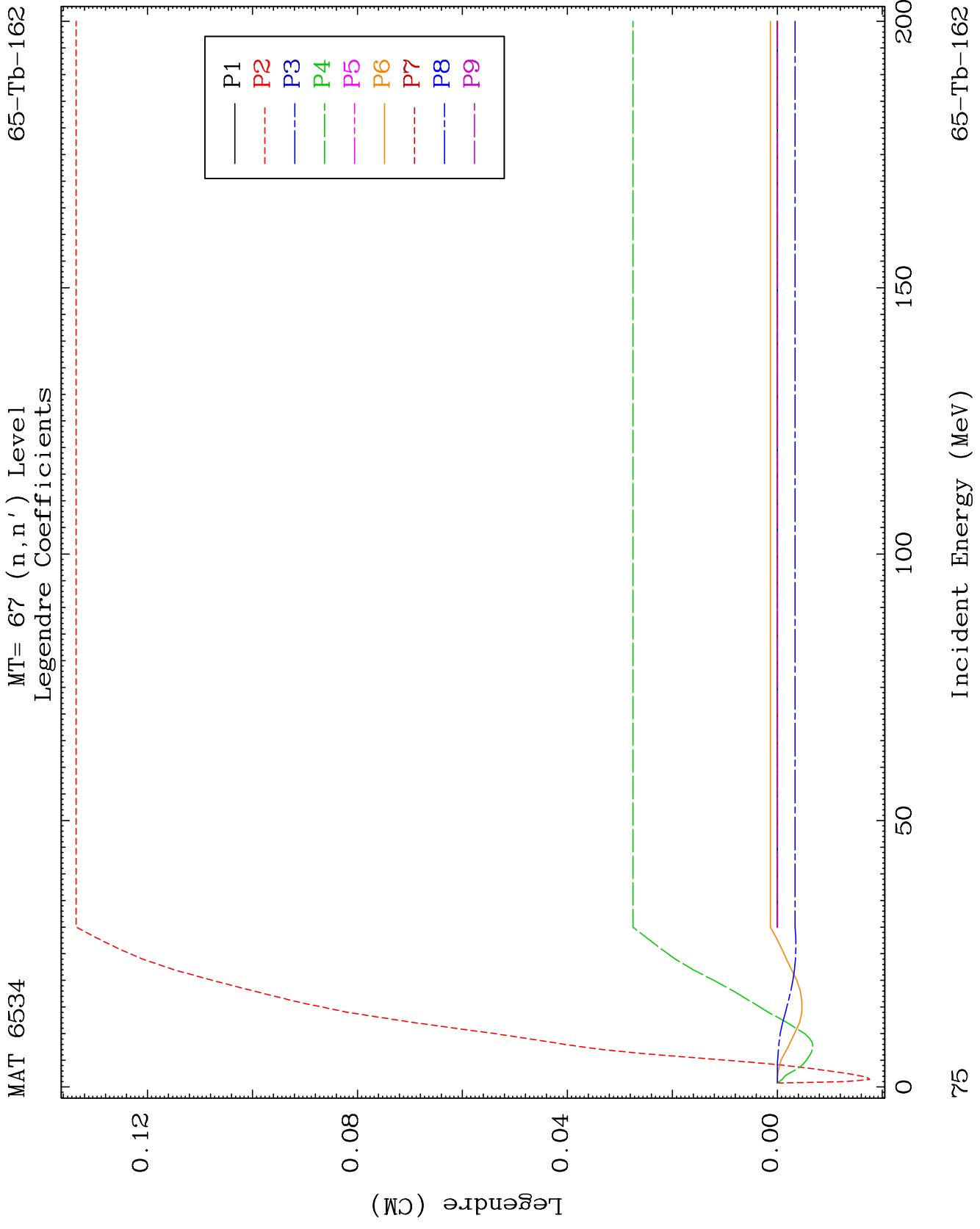


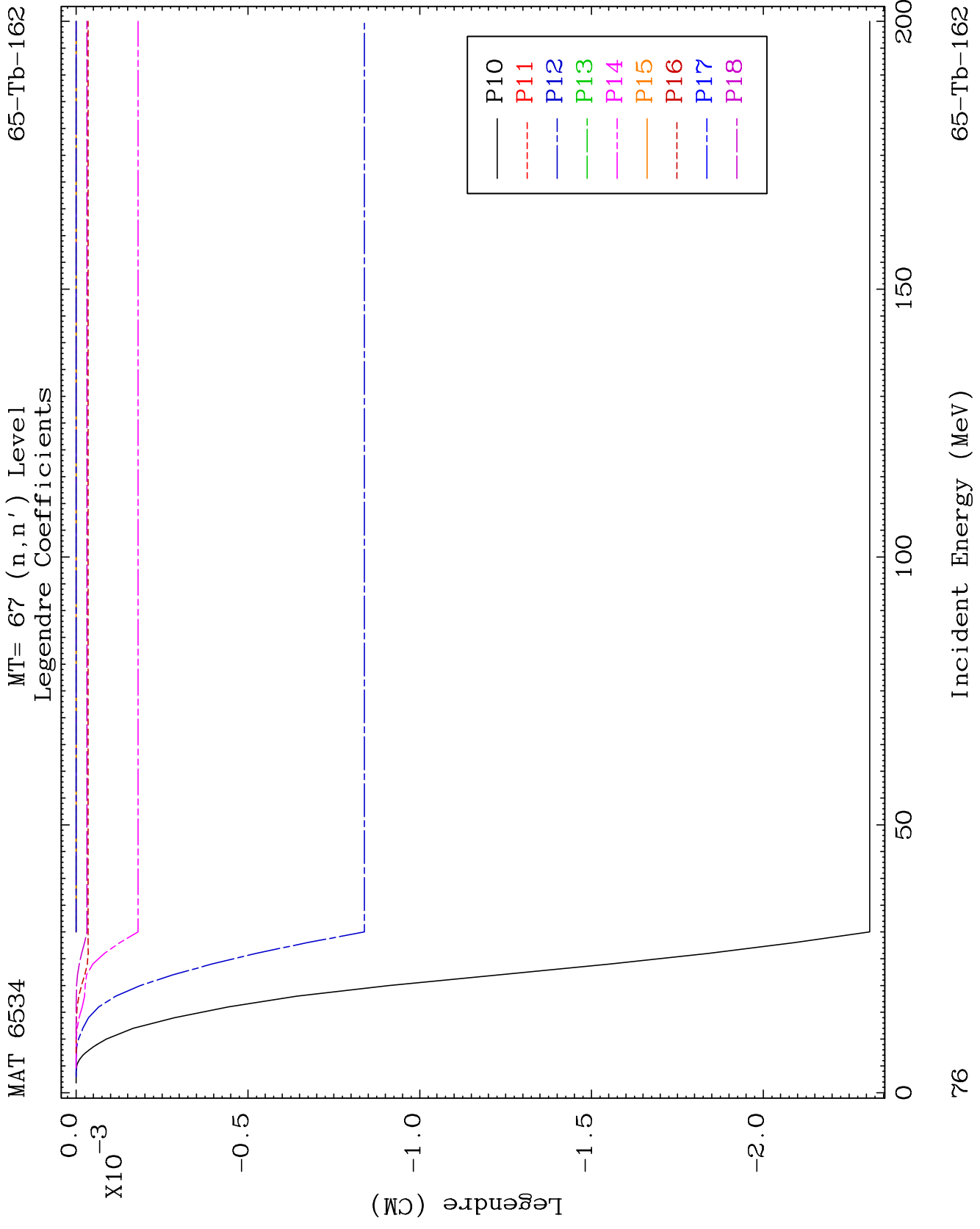
73

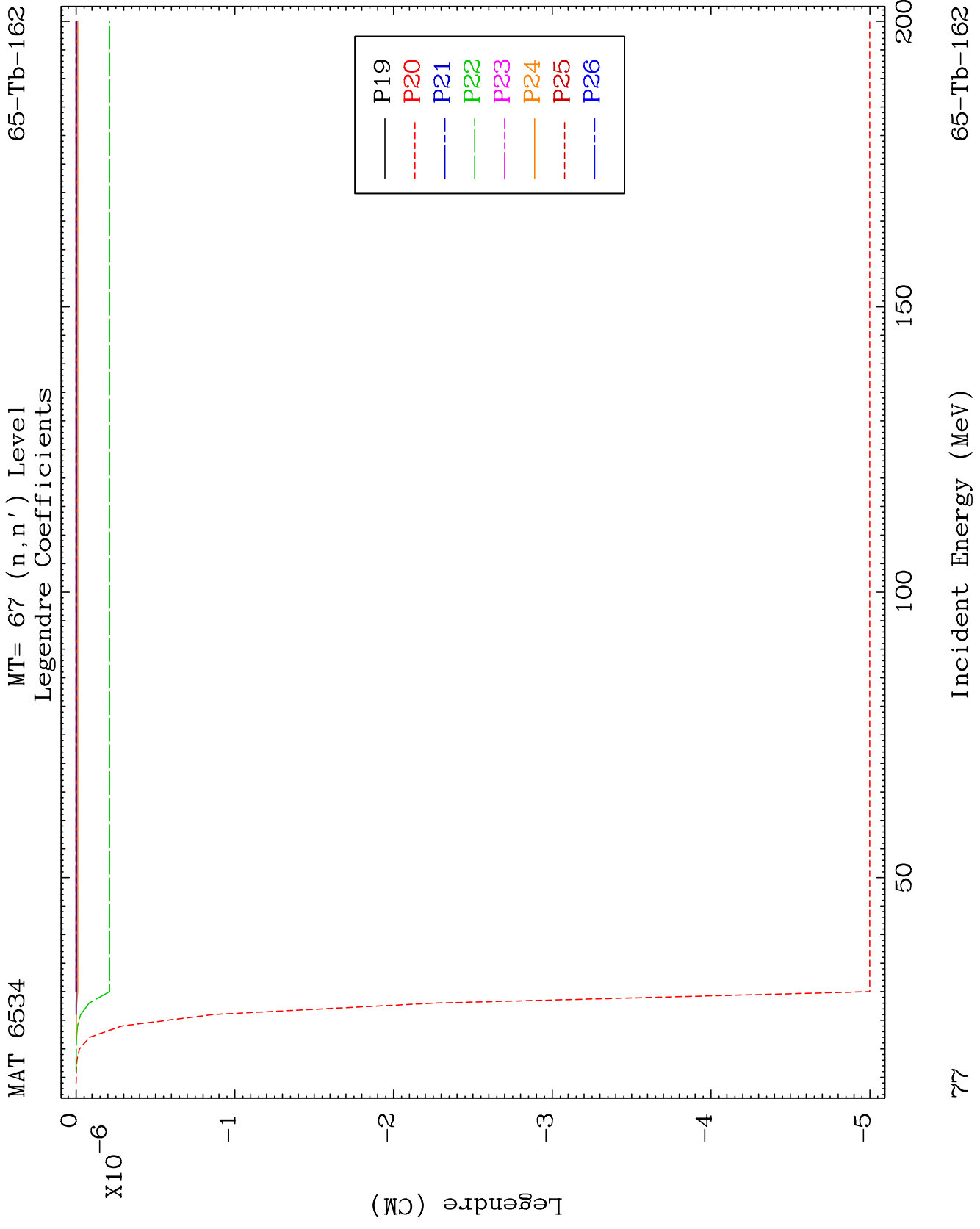
Incident Energy (MeV)

65-Tb-162





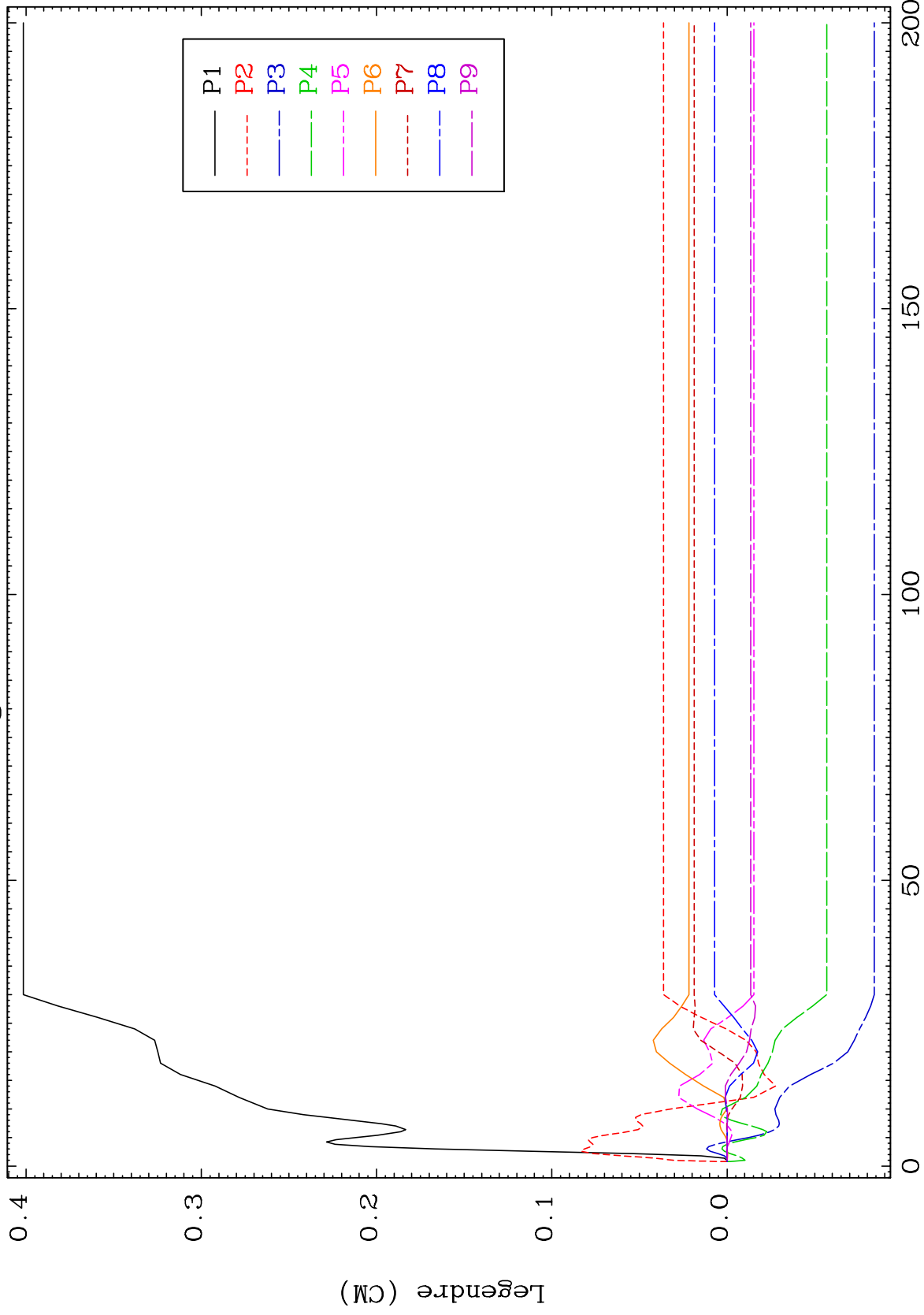




MAT 6534

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

65-Tb-162



78

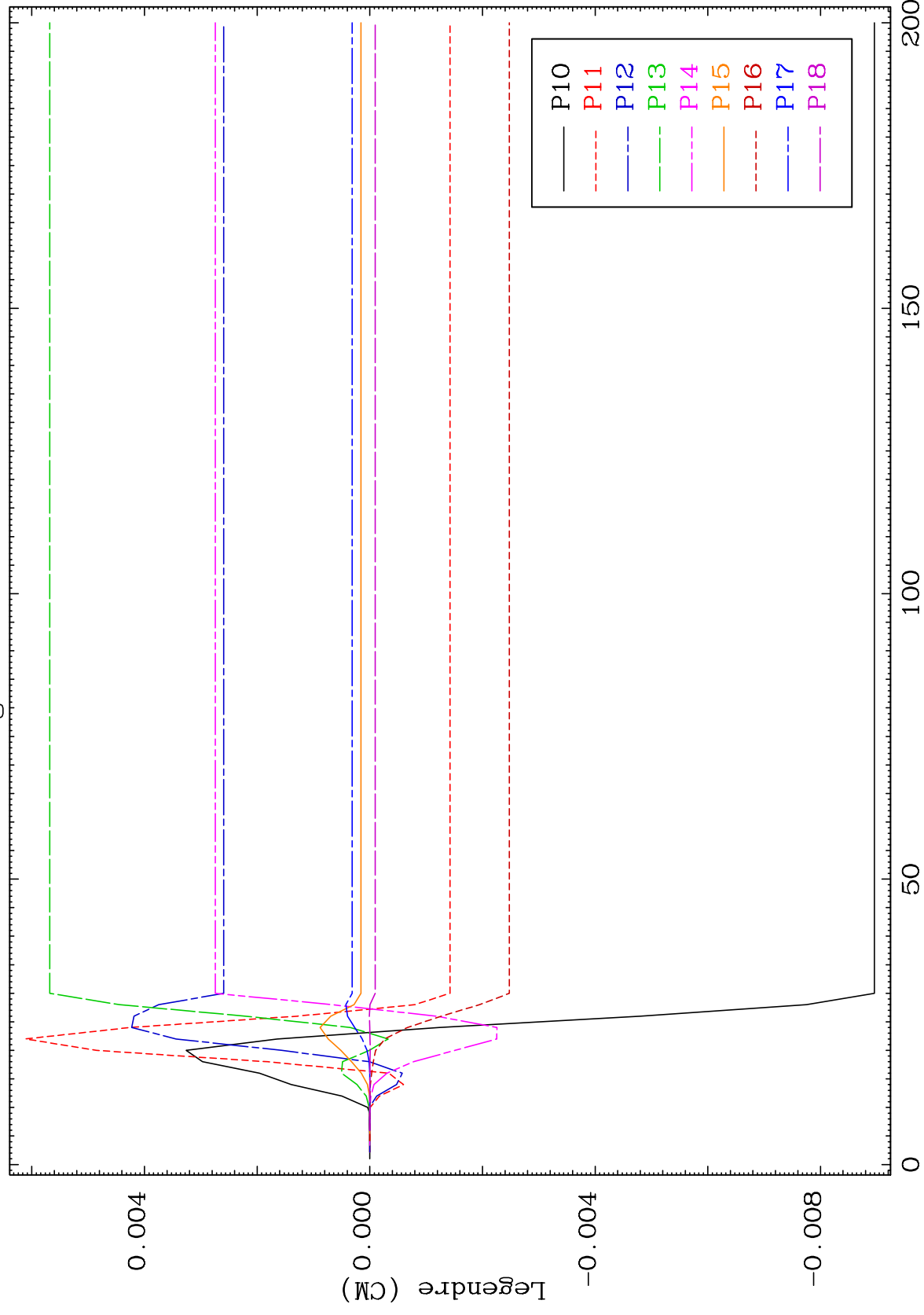
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

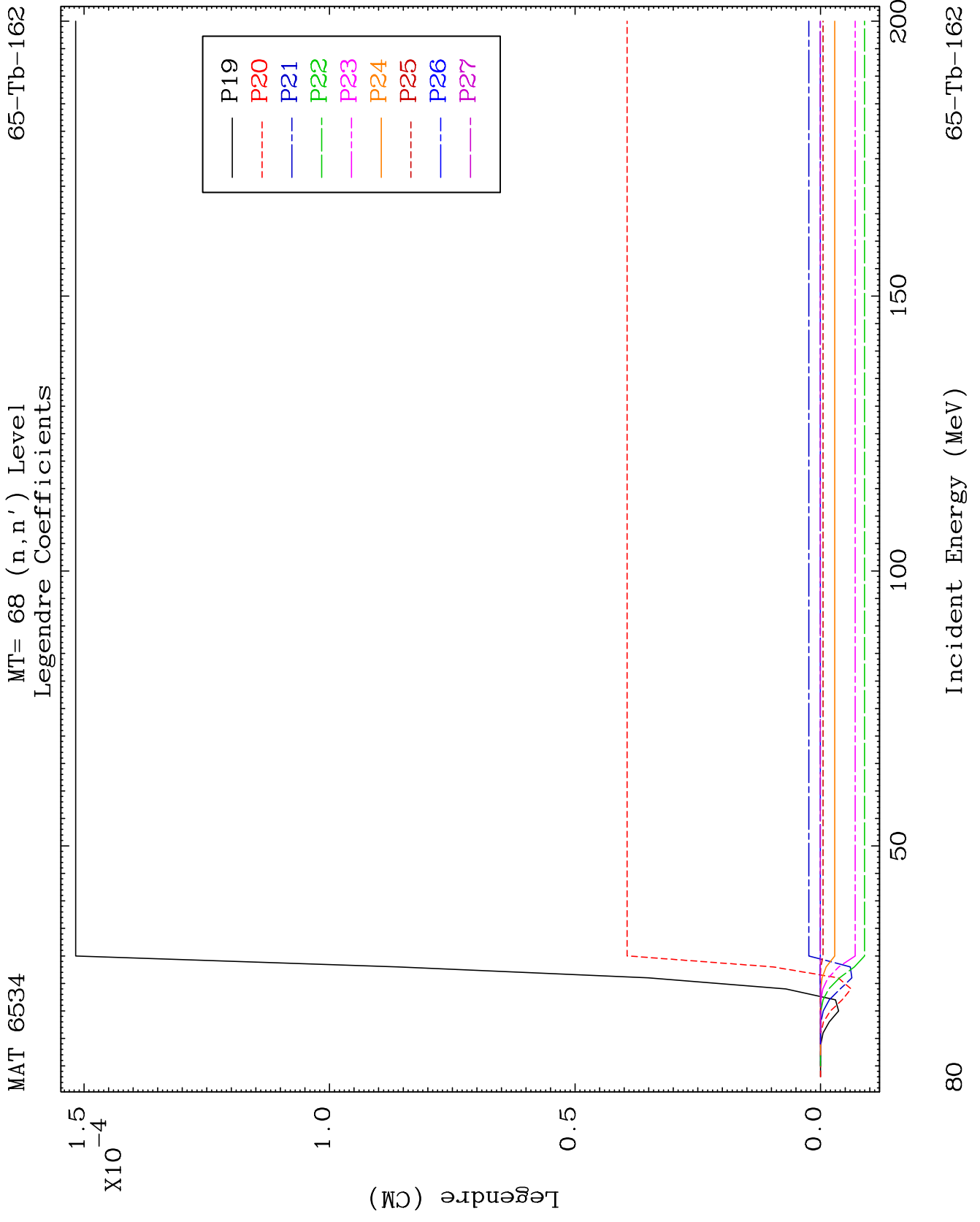
65-Tb-162



79

Incident Energy (MeV)

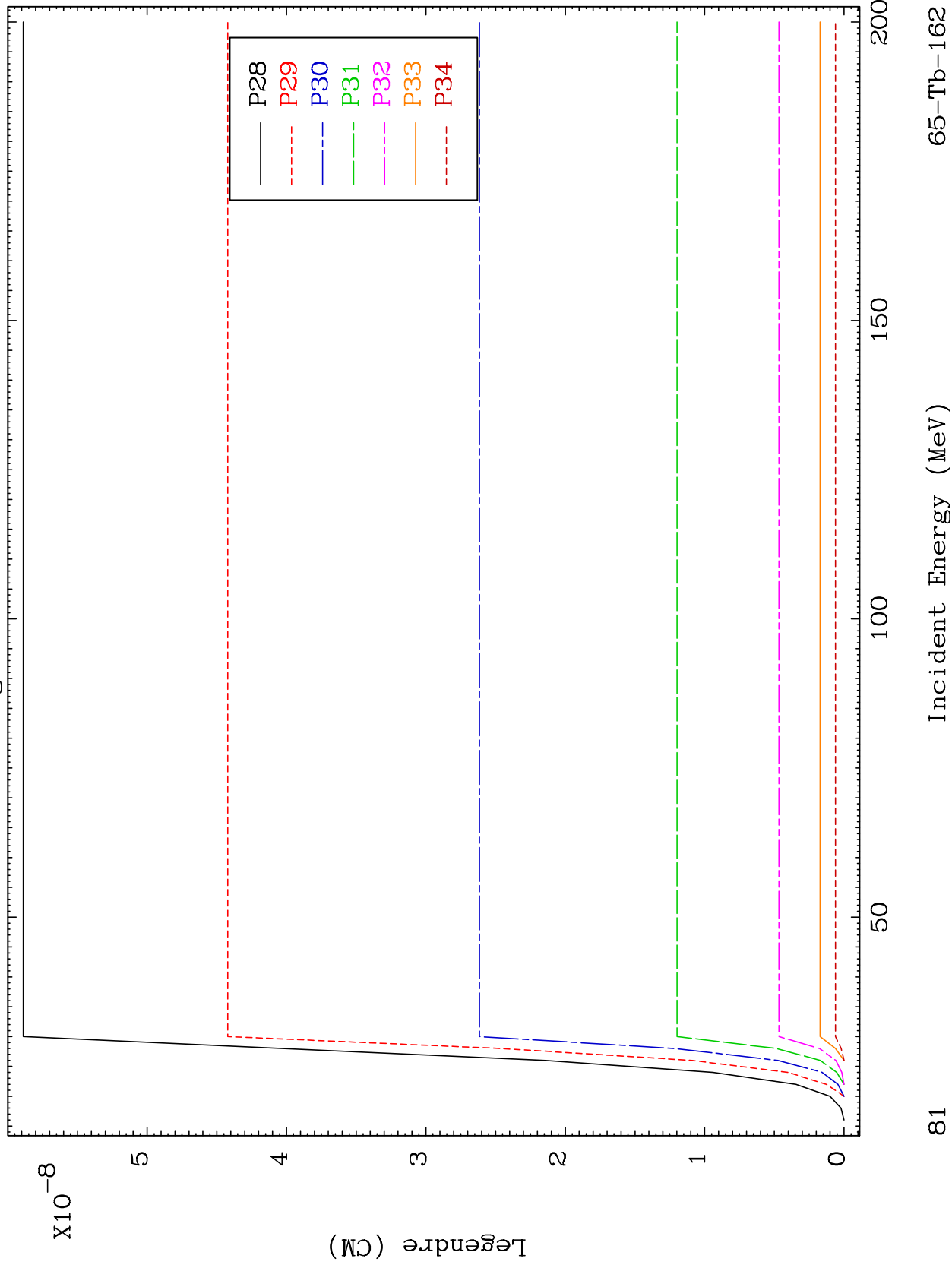
65-Tb-162



MAT 6534

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

65-Tb-162



81

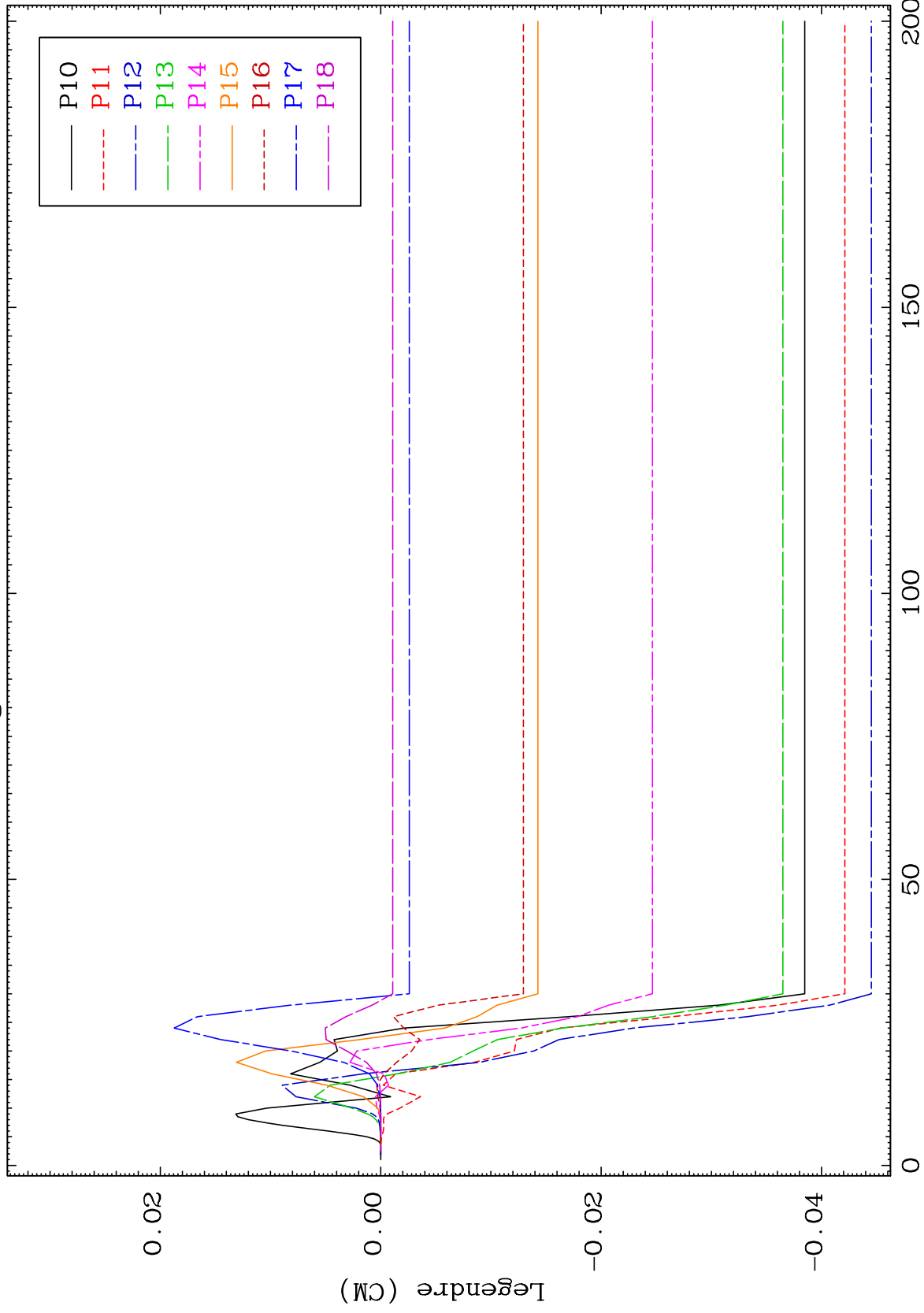
65-Tb-162



MAT 6534

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

65-Tb-162



83

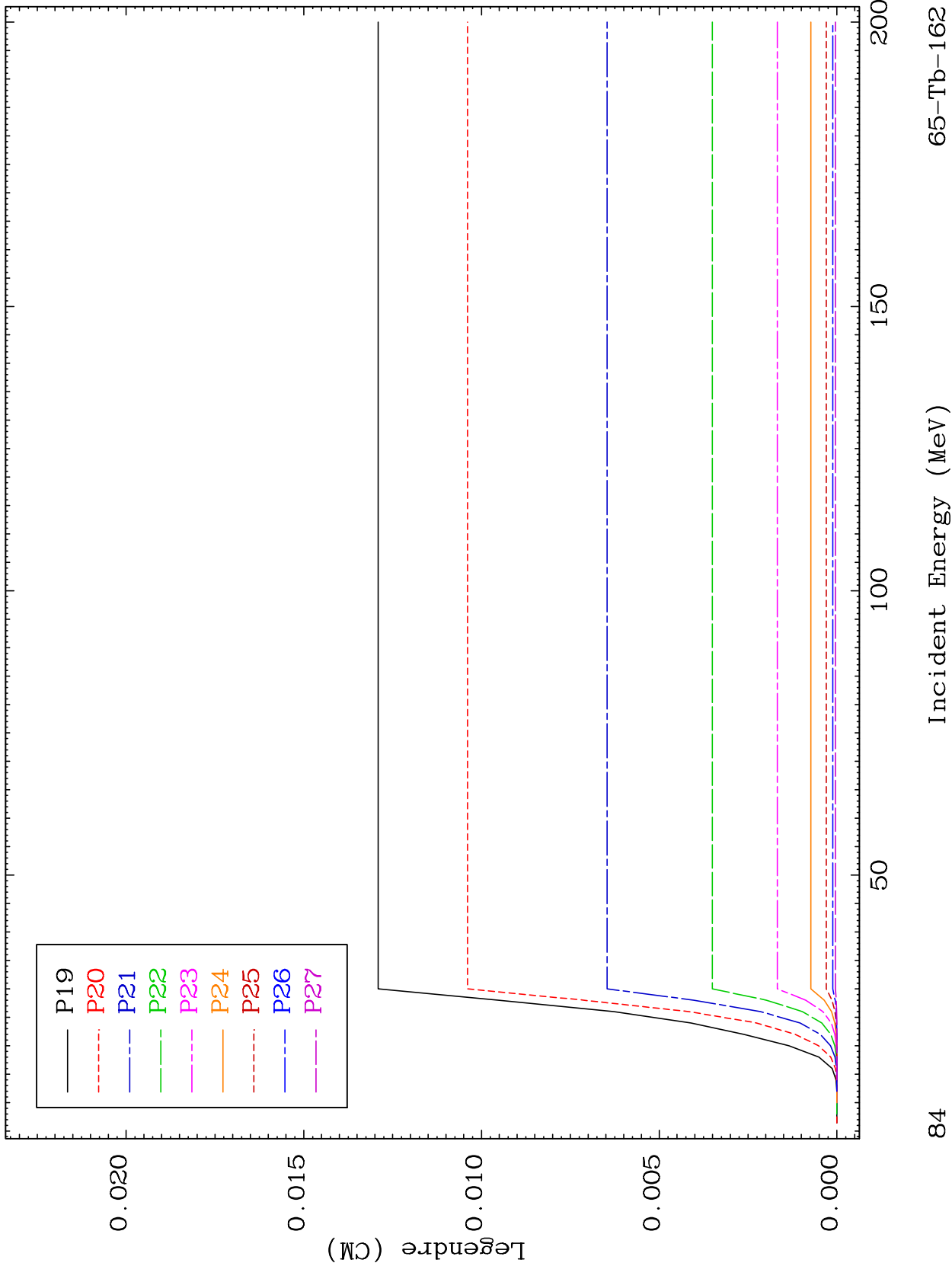
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

65-Tb-162



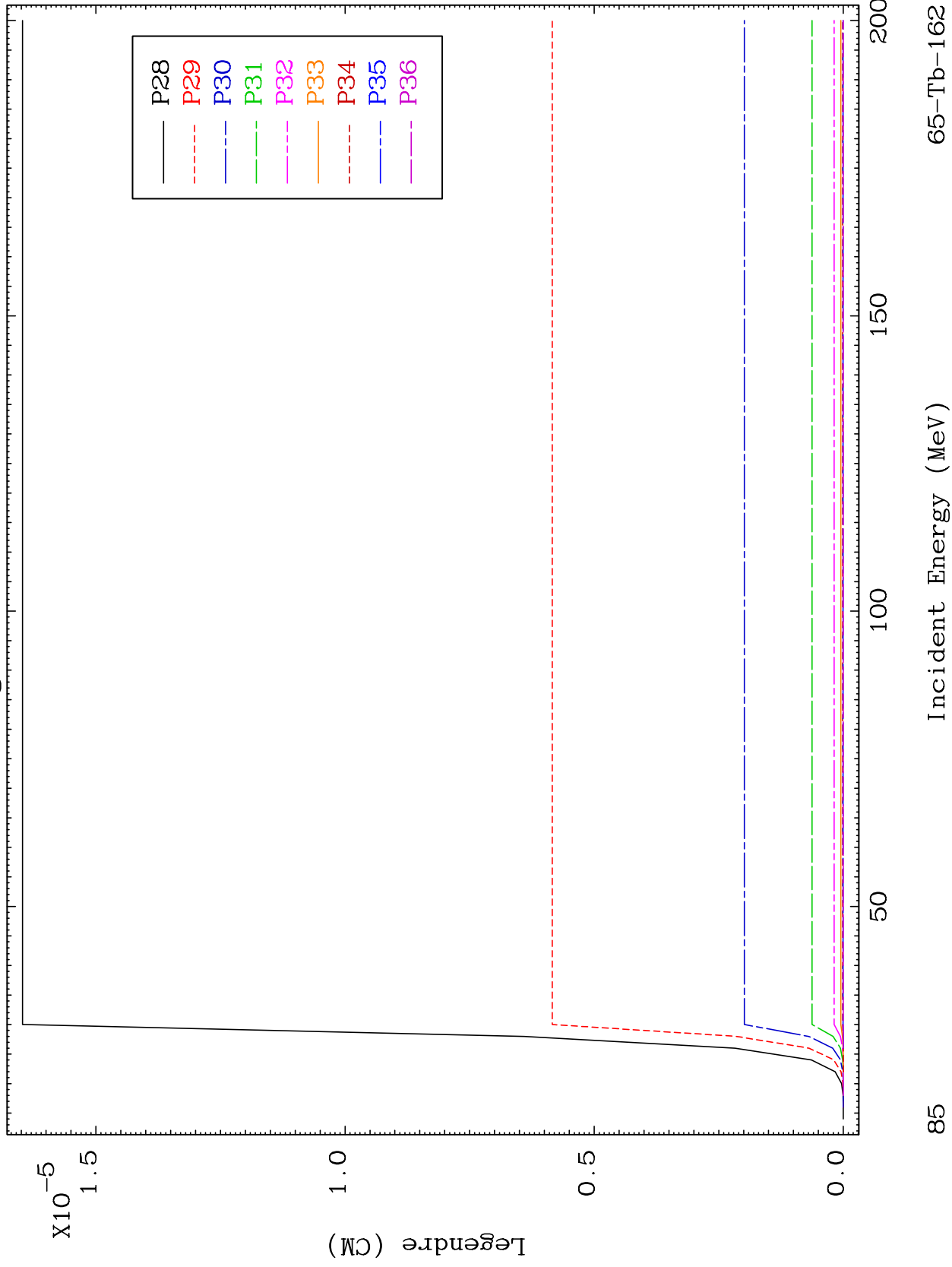
84

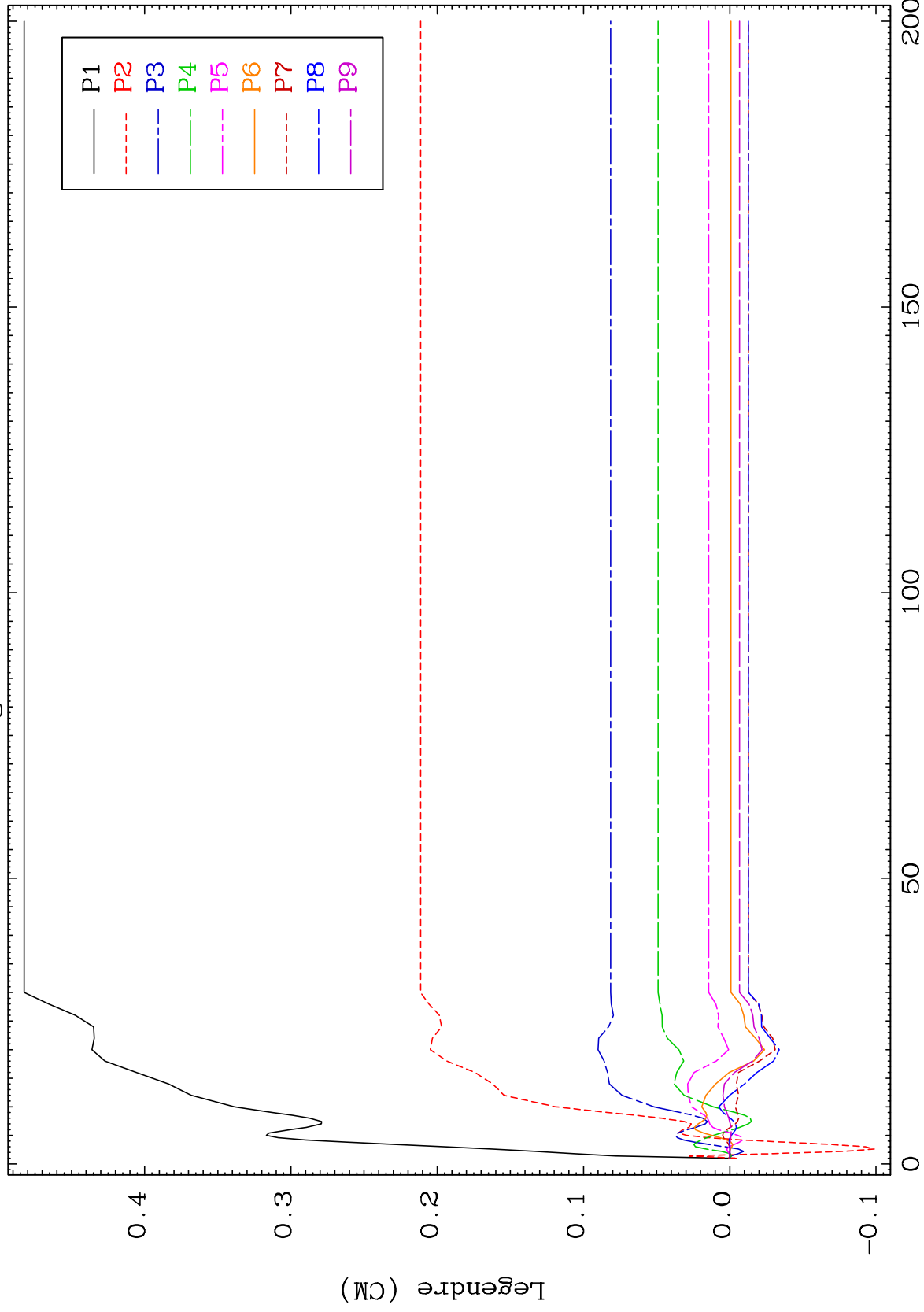
65-Tb-162

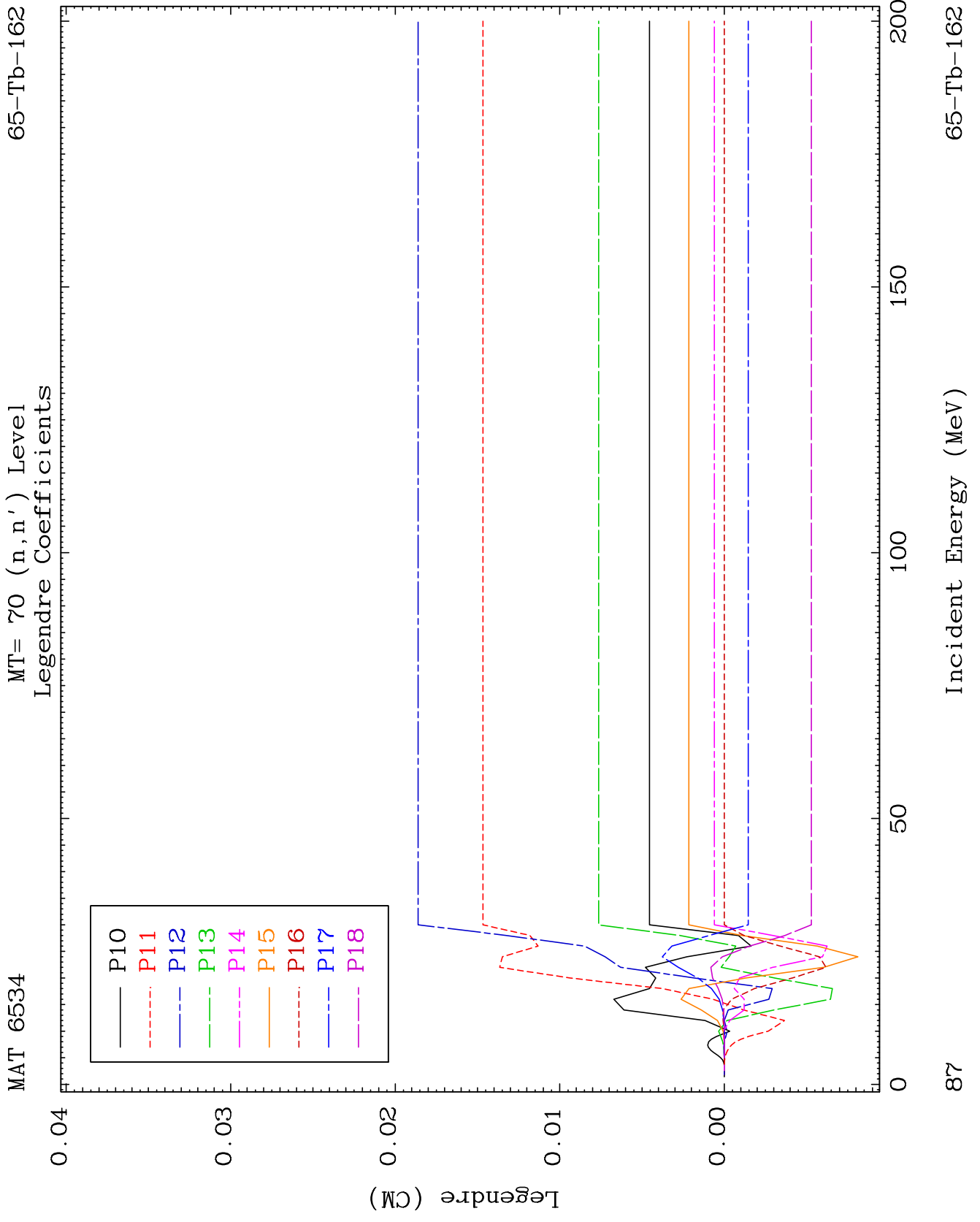
MAT 6534

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

65-Tb-162



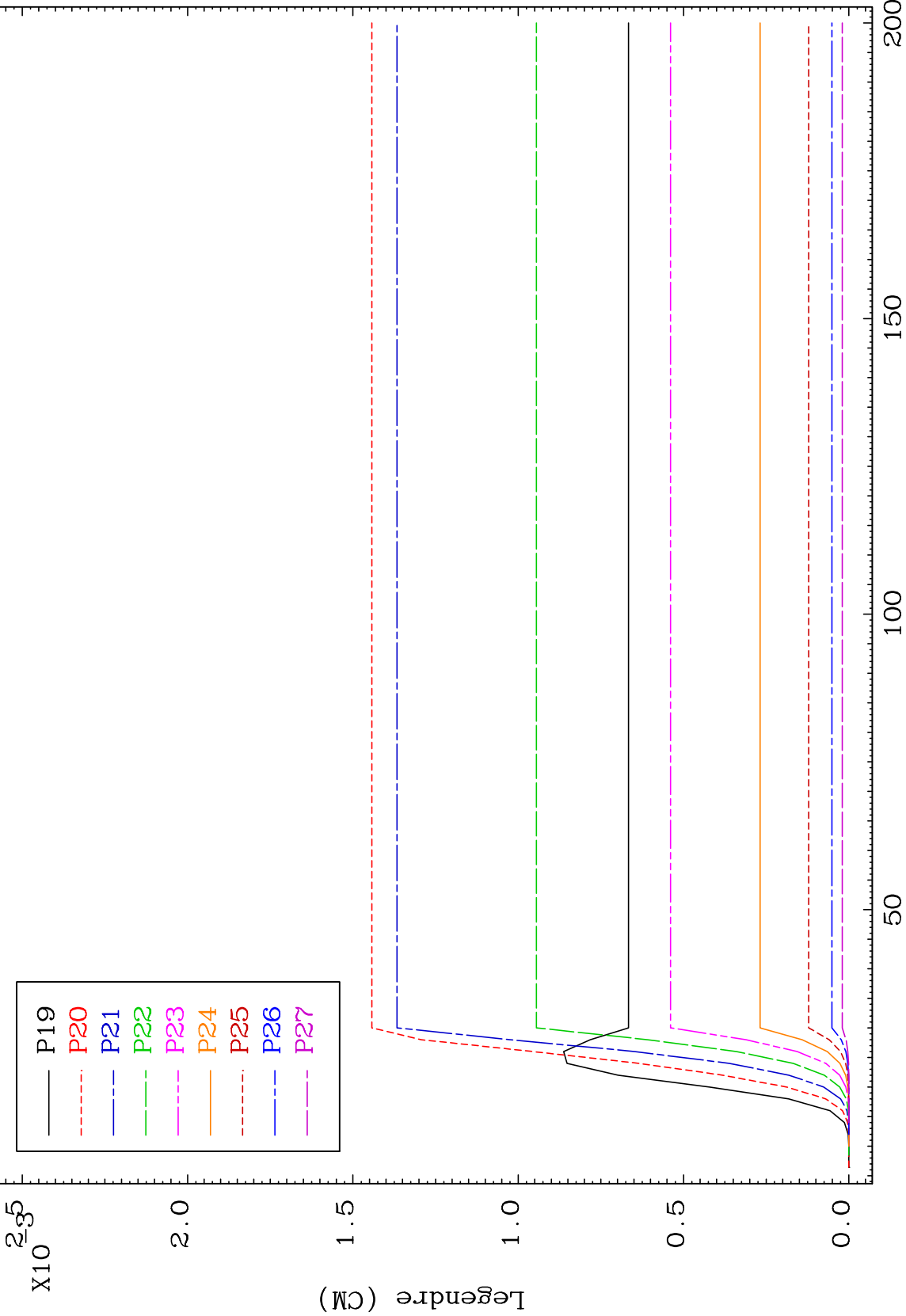




MAT 6534

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

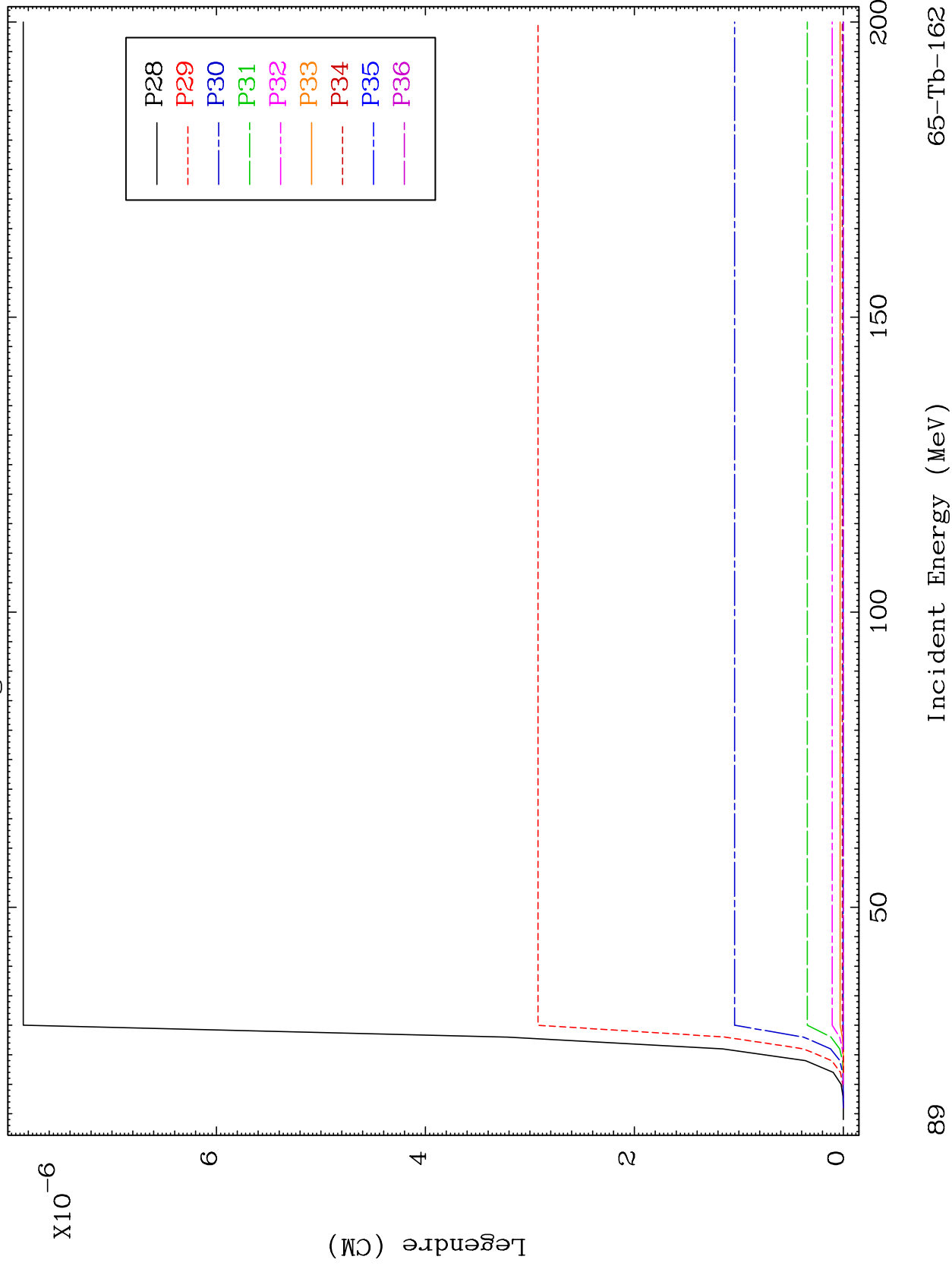
65-Tb-162



MAT 6534

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

65-Tb-162



89

Incident Energy (MeV)

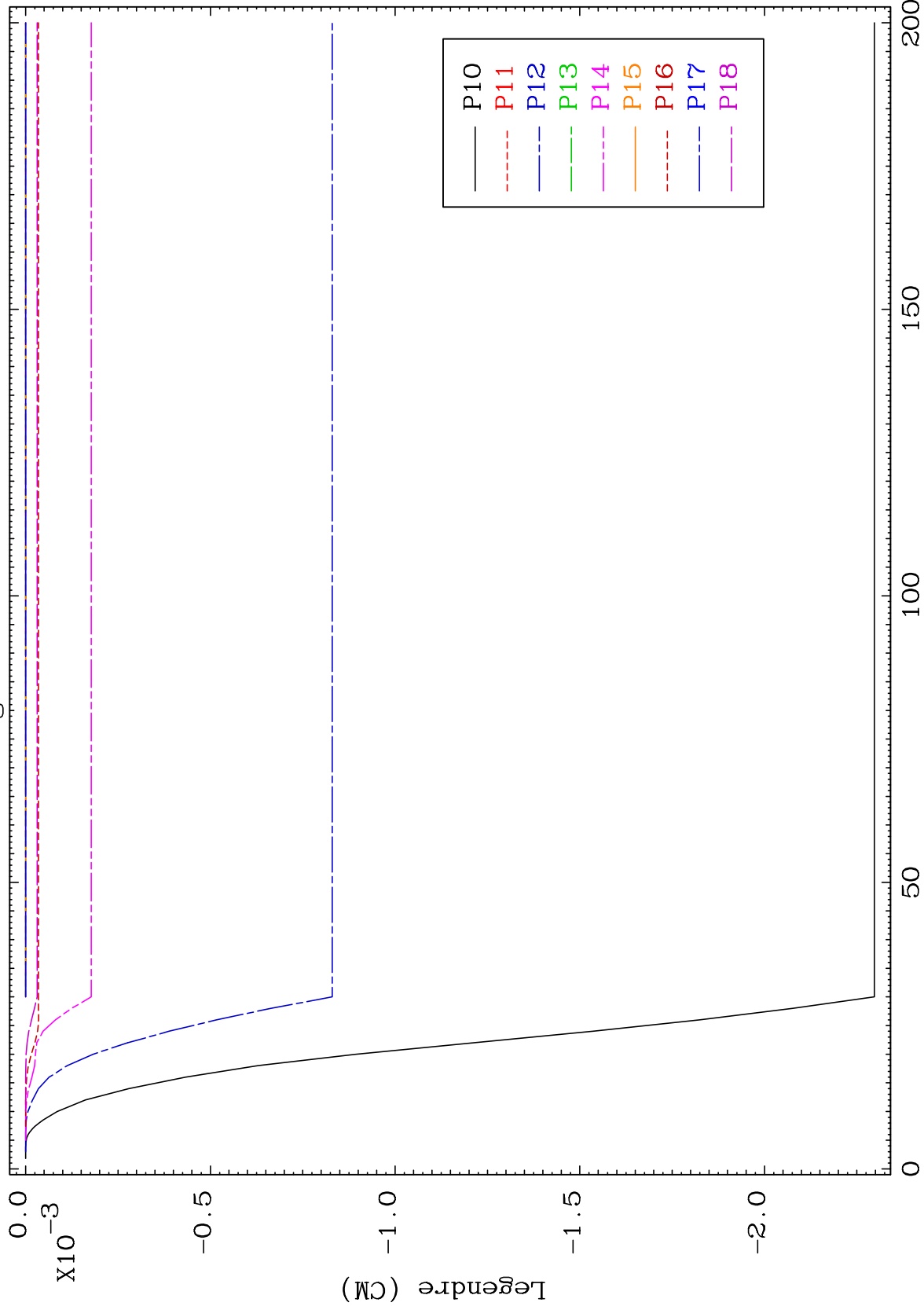
65-Tb-162



MAT 6534

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

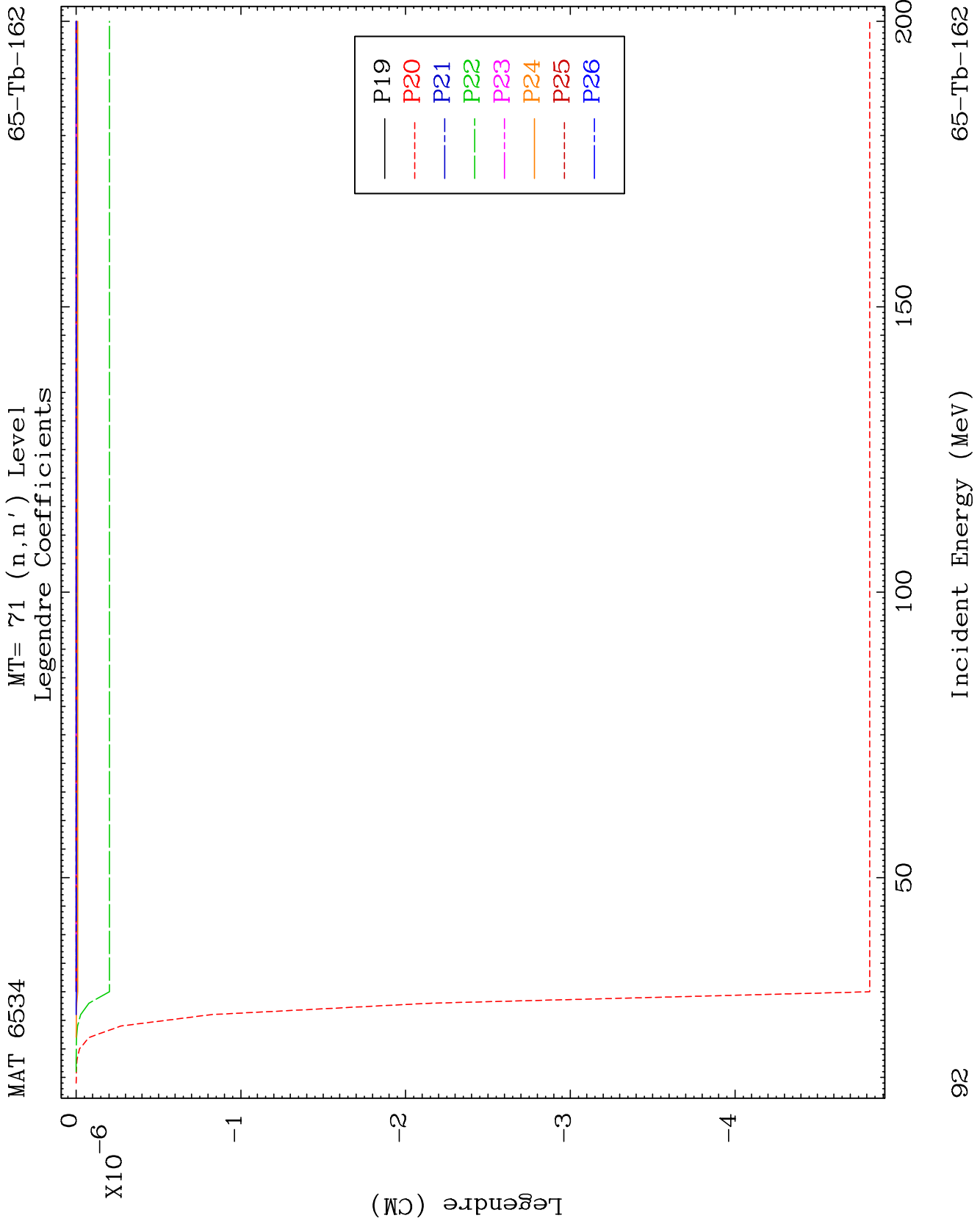
65-Tb-162



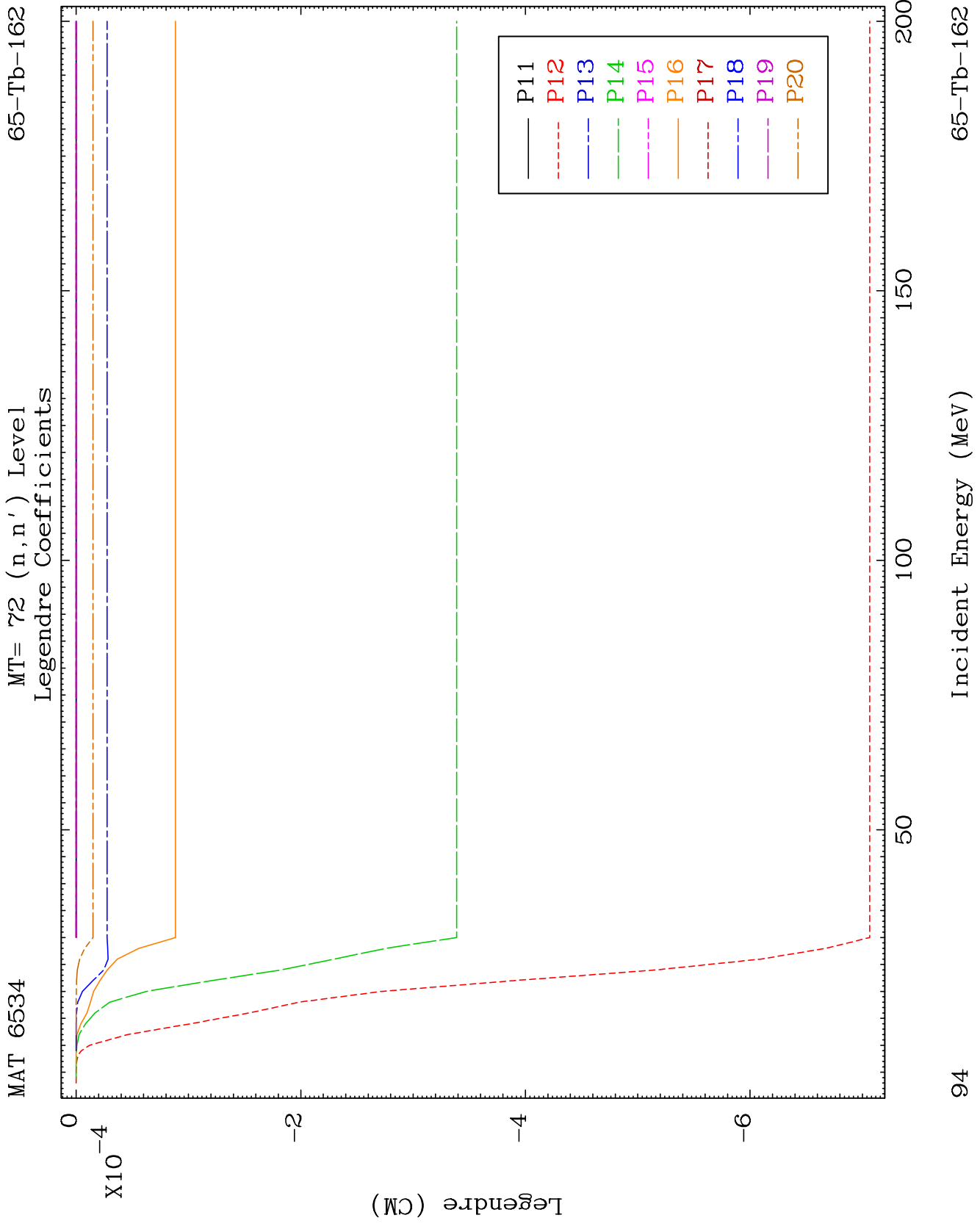
65-Tb-162

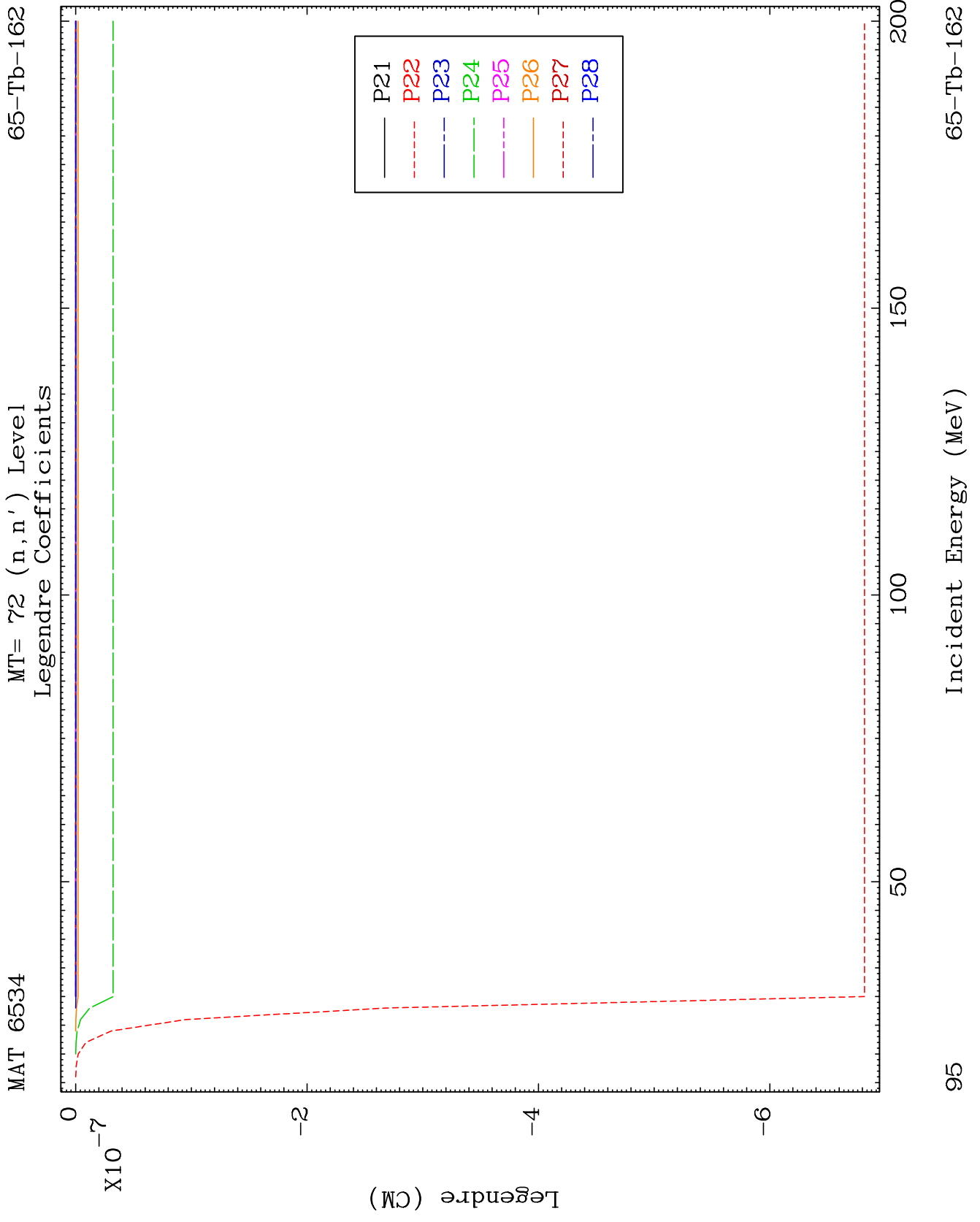
Incident Energy (MeV)

91





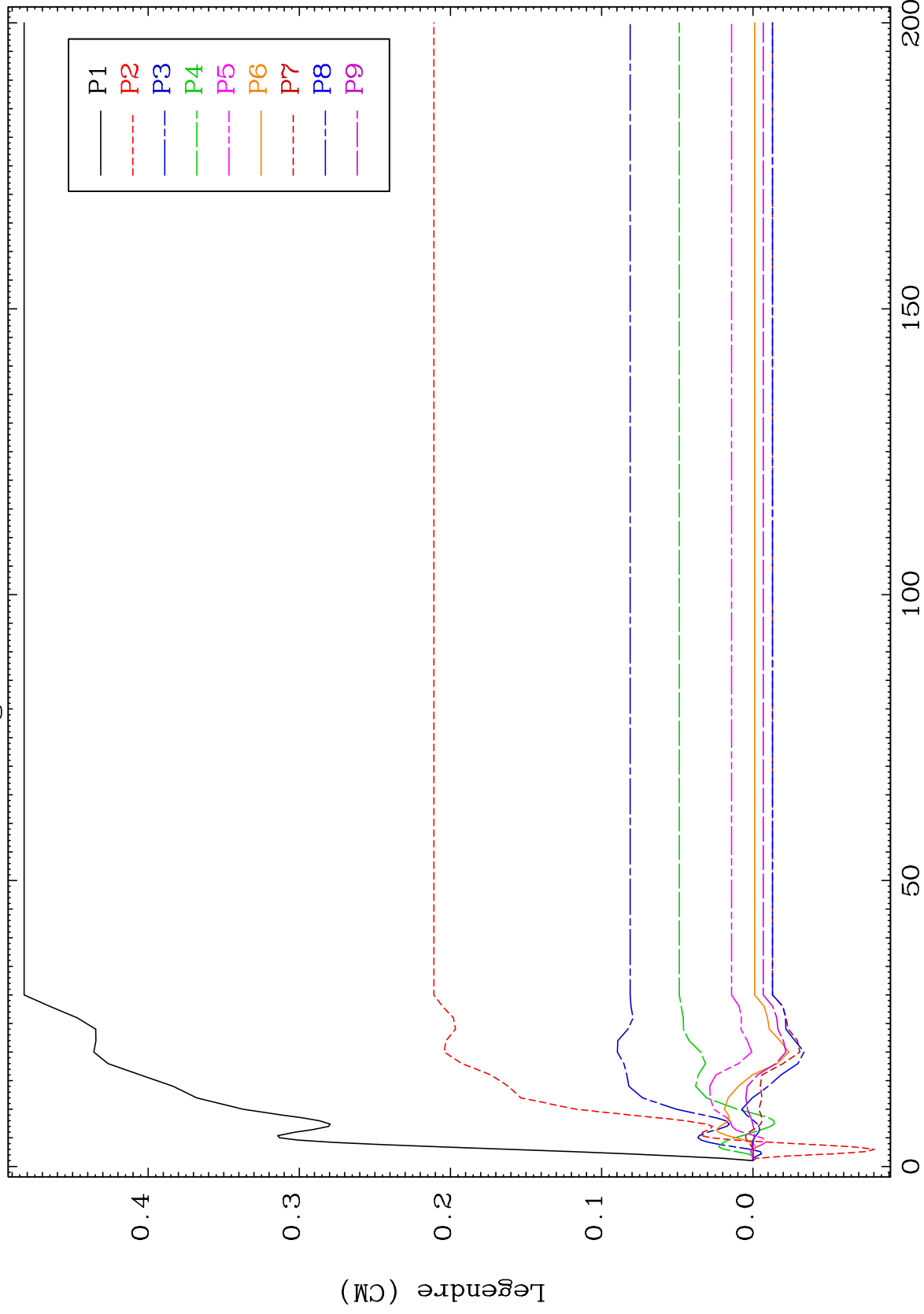




MAT 6534

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

65-Tb-162



65-Tb-162

Incident Energy (MeV)

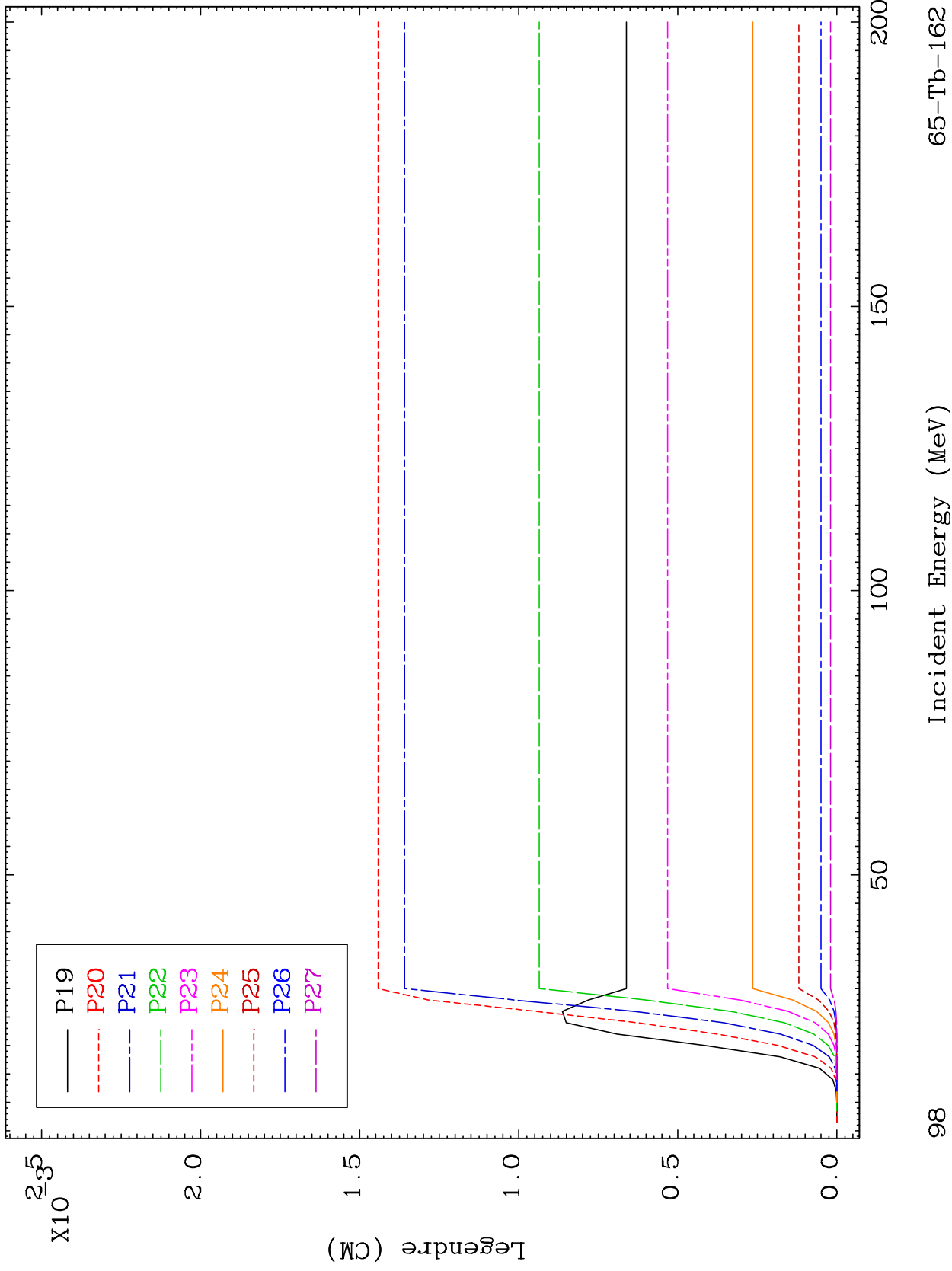
96



MAT 6534

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

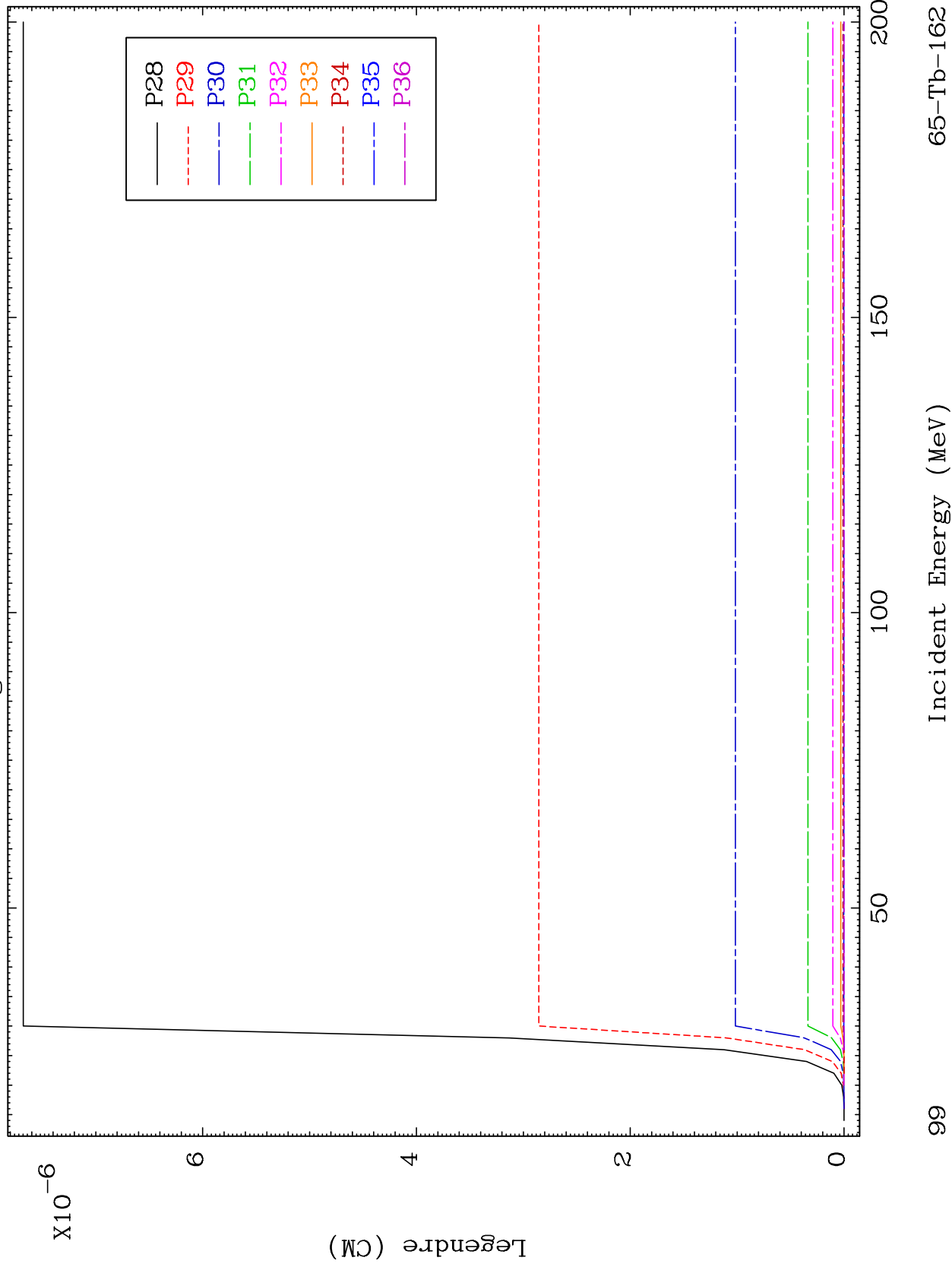
65-Tb-162



MAT 6534

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

65-Tb-162



99

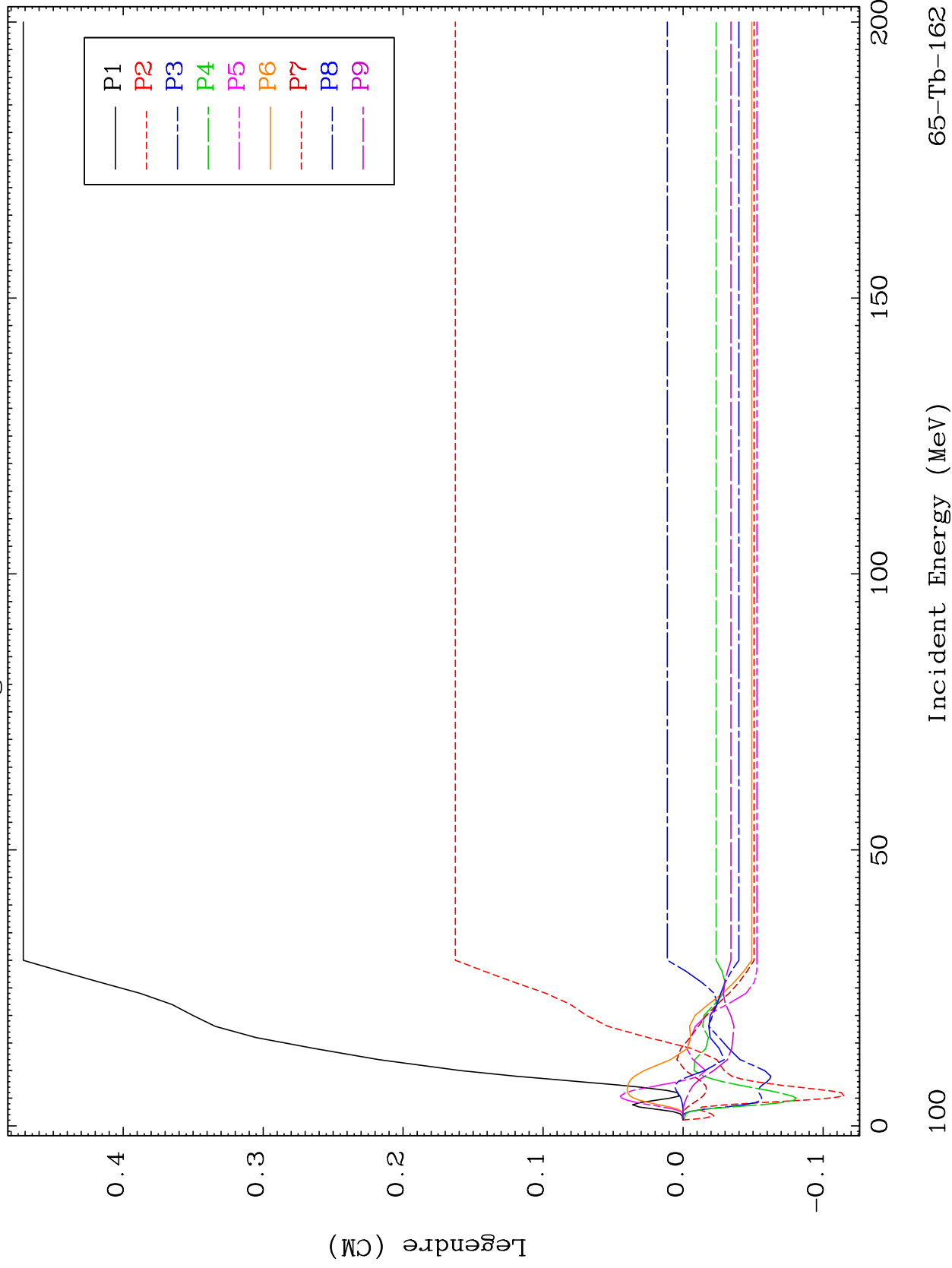
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

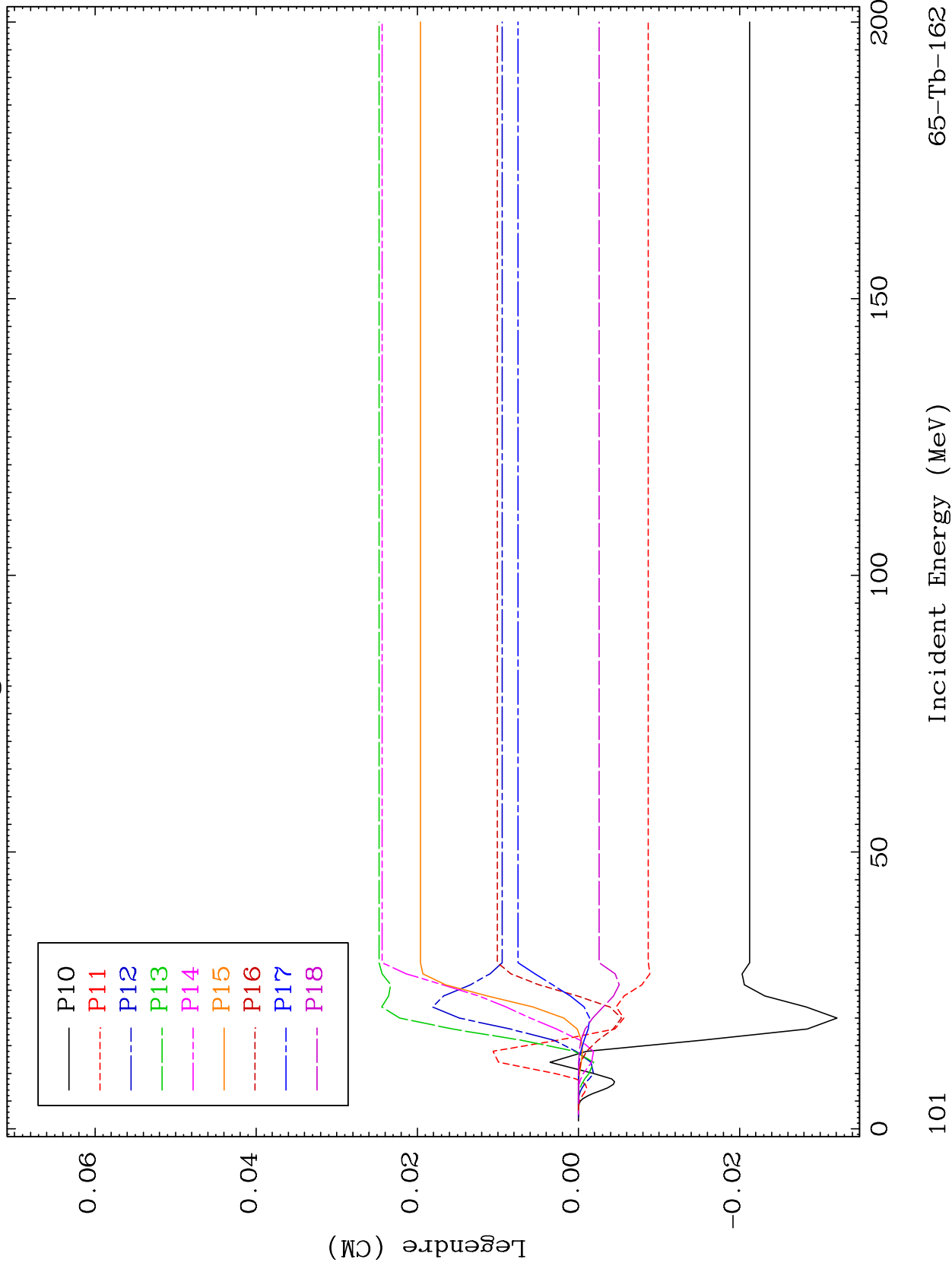
65-Tb-162



MAT 6534

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

65-Tb-162



65-Tb-162

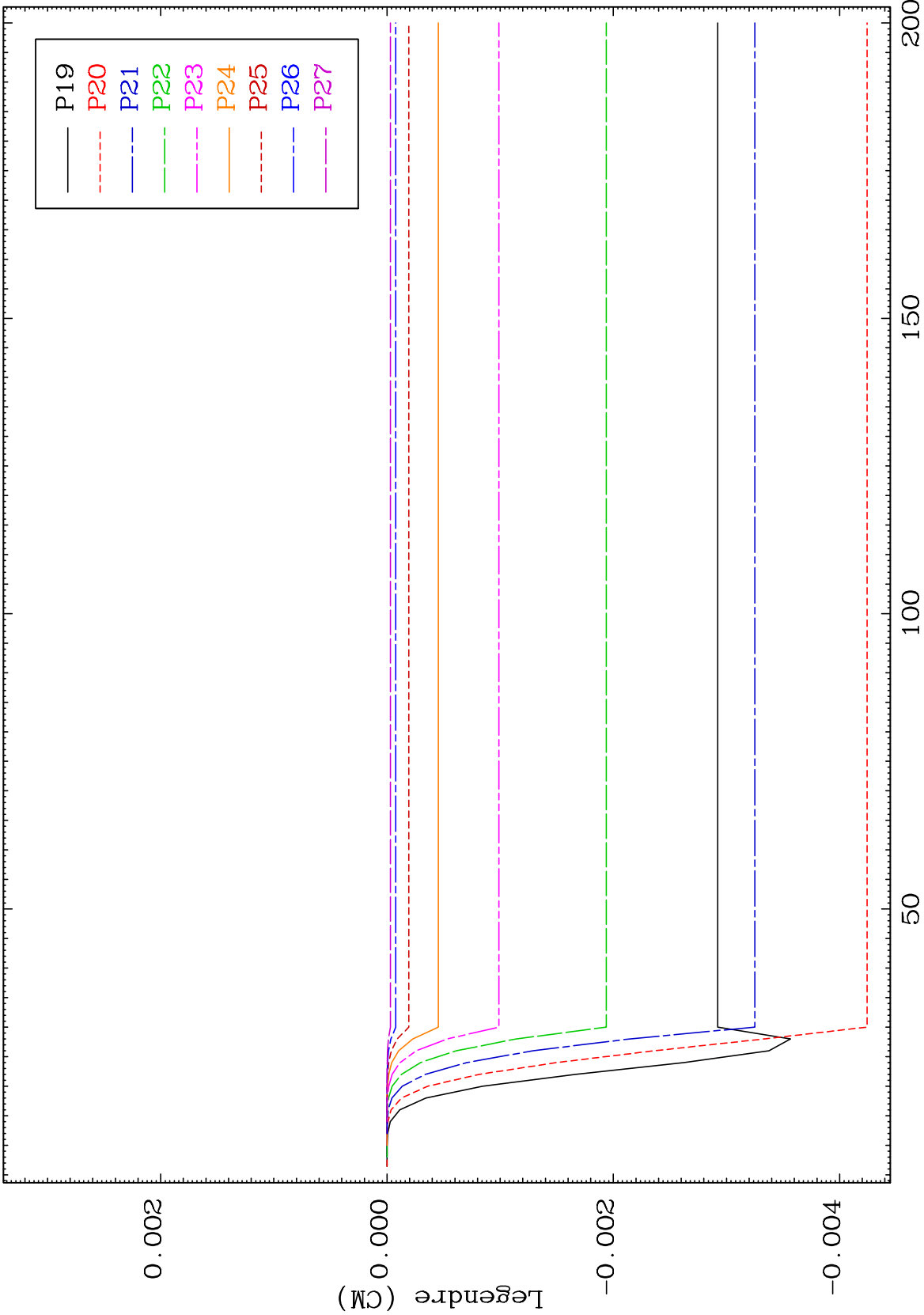
Incident Energy (MeV)

101

MAT 6534

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

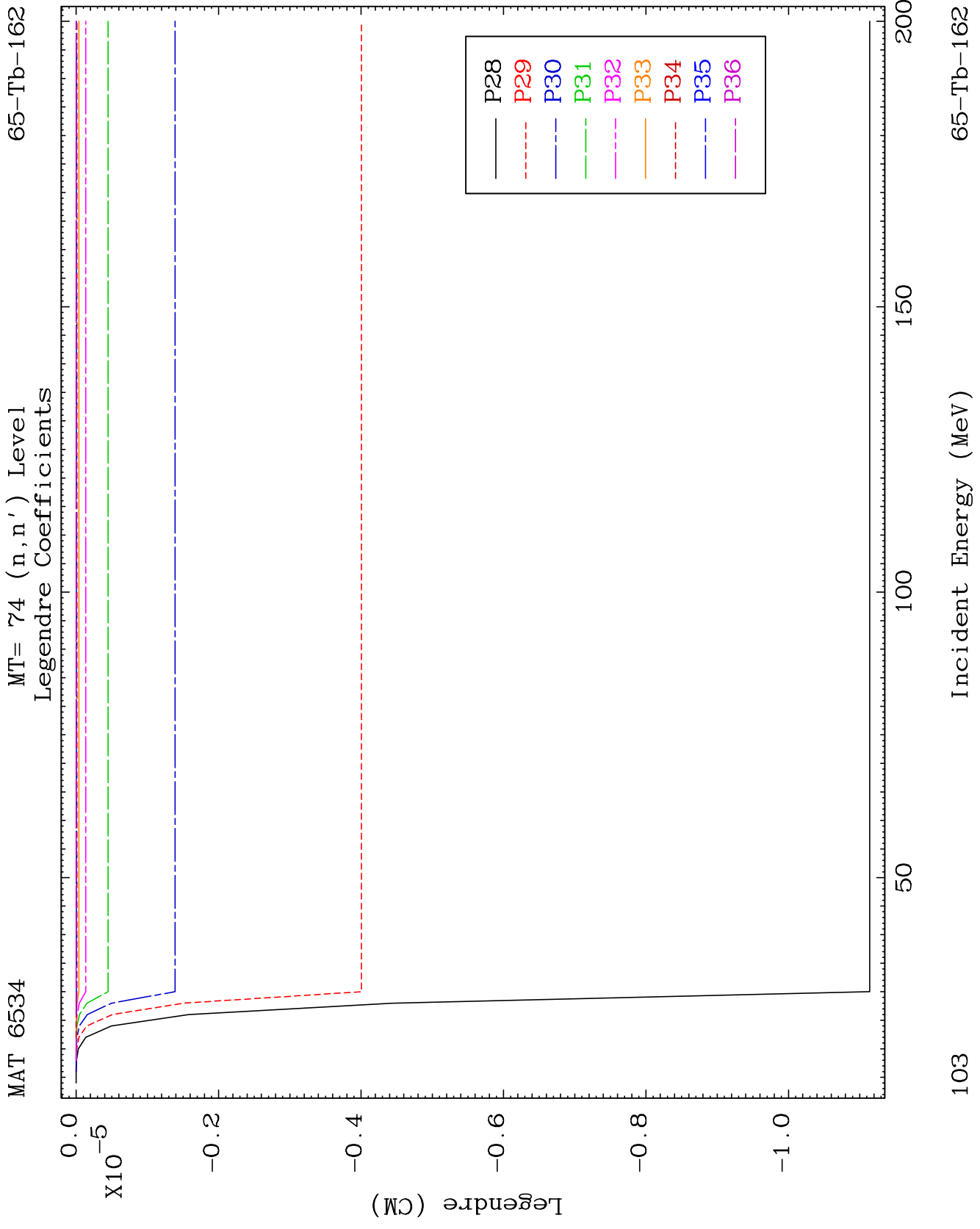
65-Tb-162



102

Incident Energy (MeV)

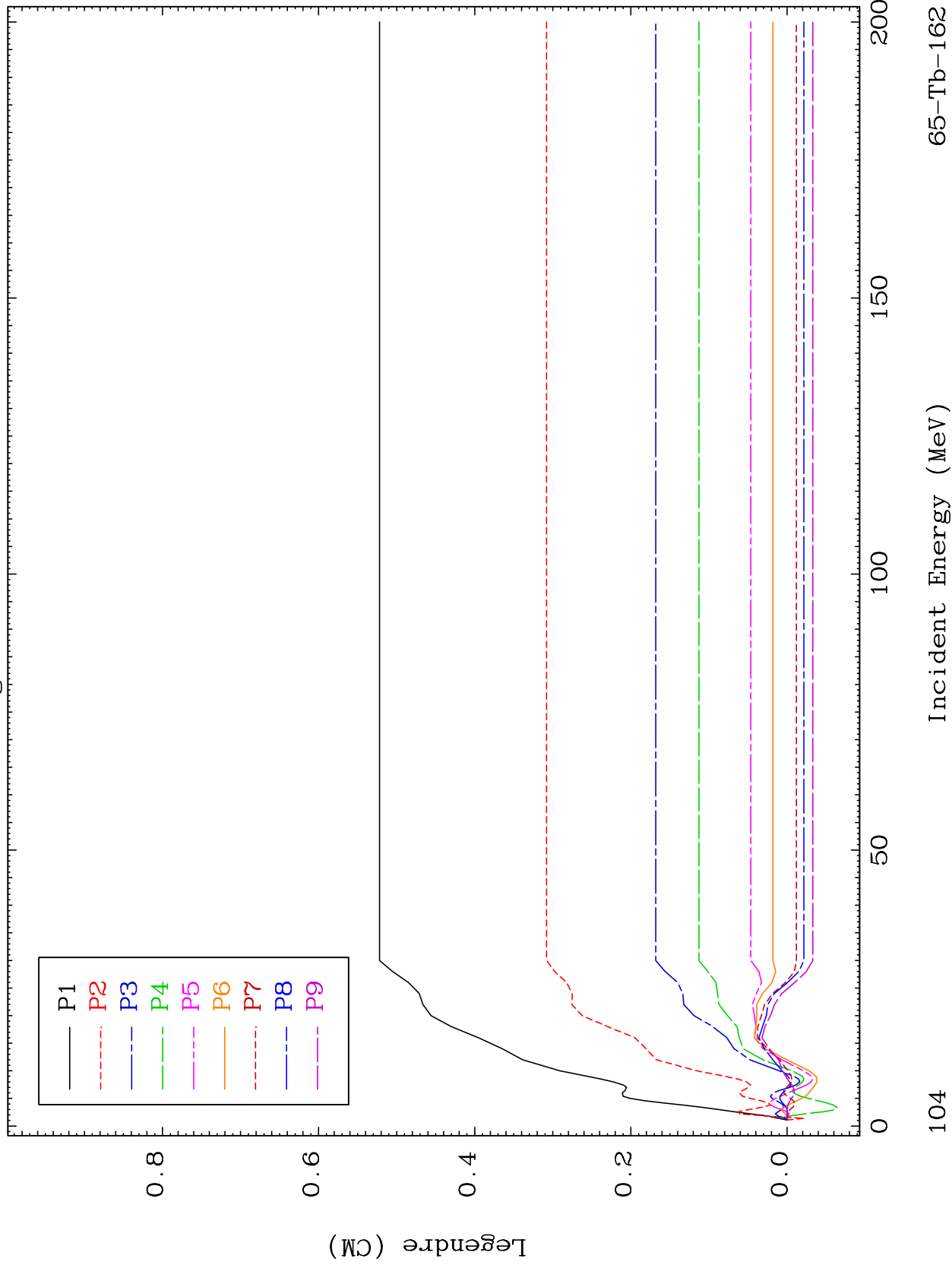
65-Tb-162



MAT 6534

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

65-Tb-162



104

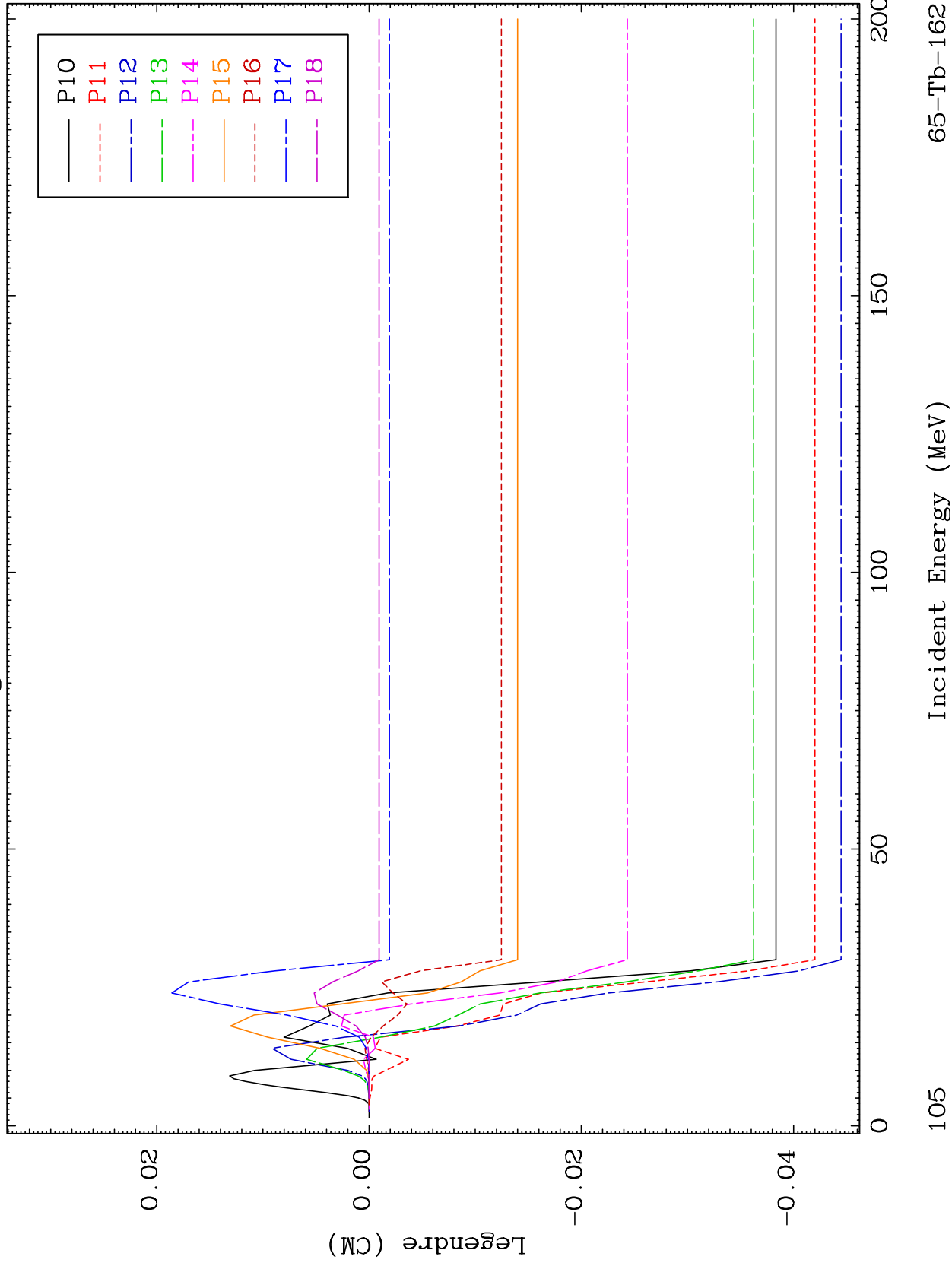
Incident Energy (MeV)

65-Tb-162

MAT 6534

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

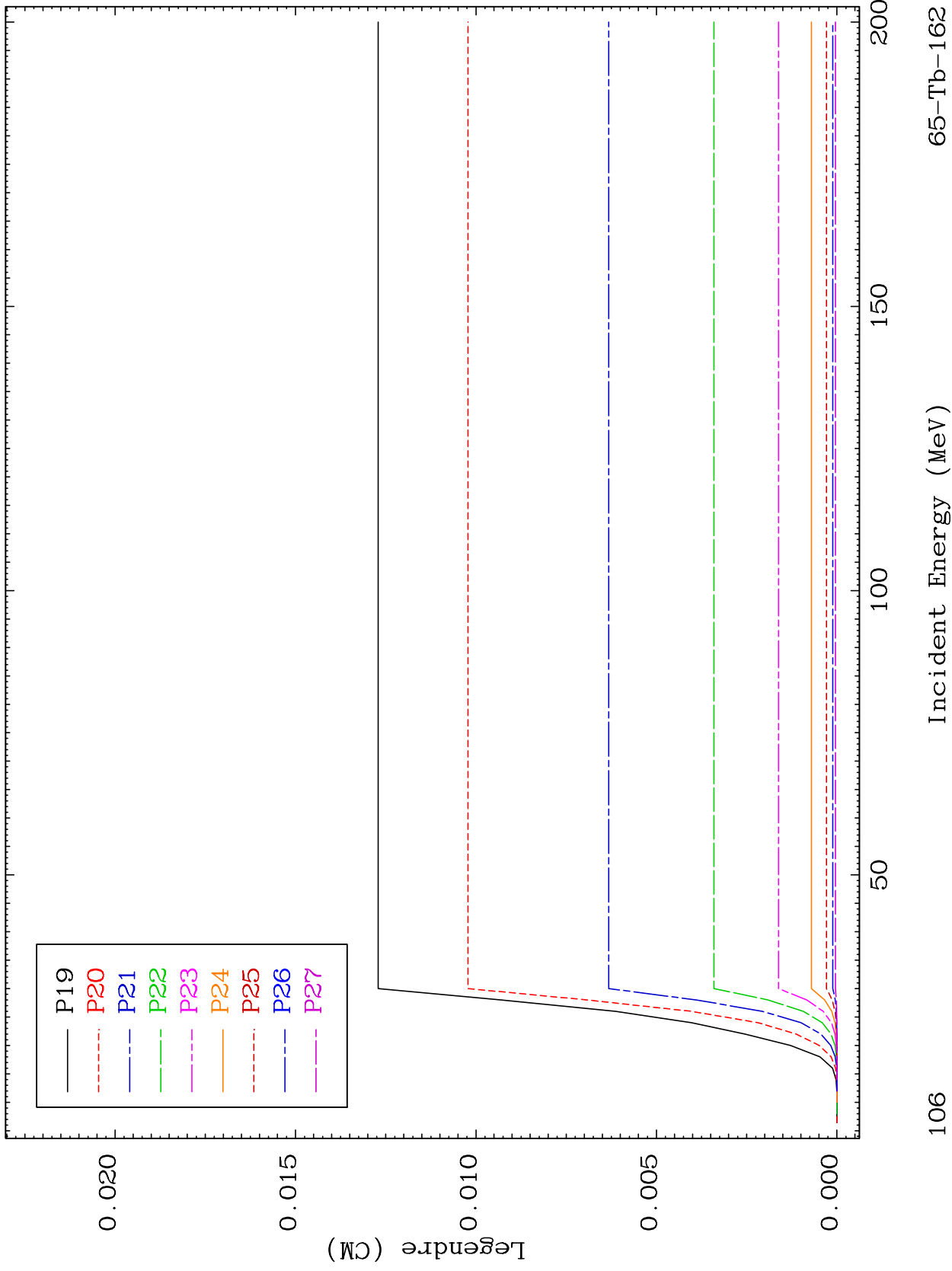
65-Tb-162



MAT 6534

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

65-Tb-162



106

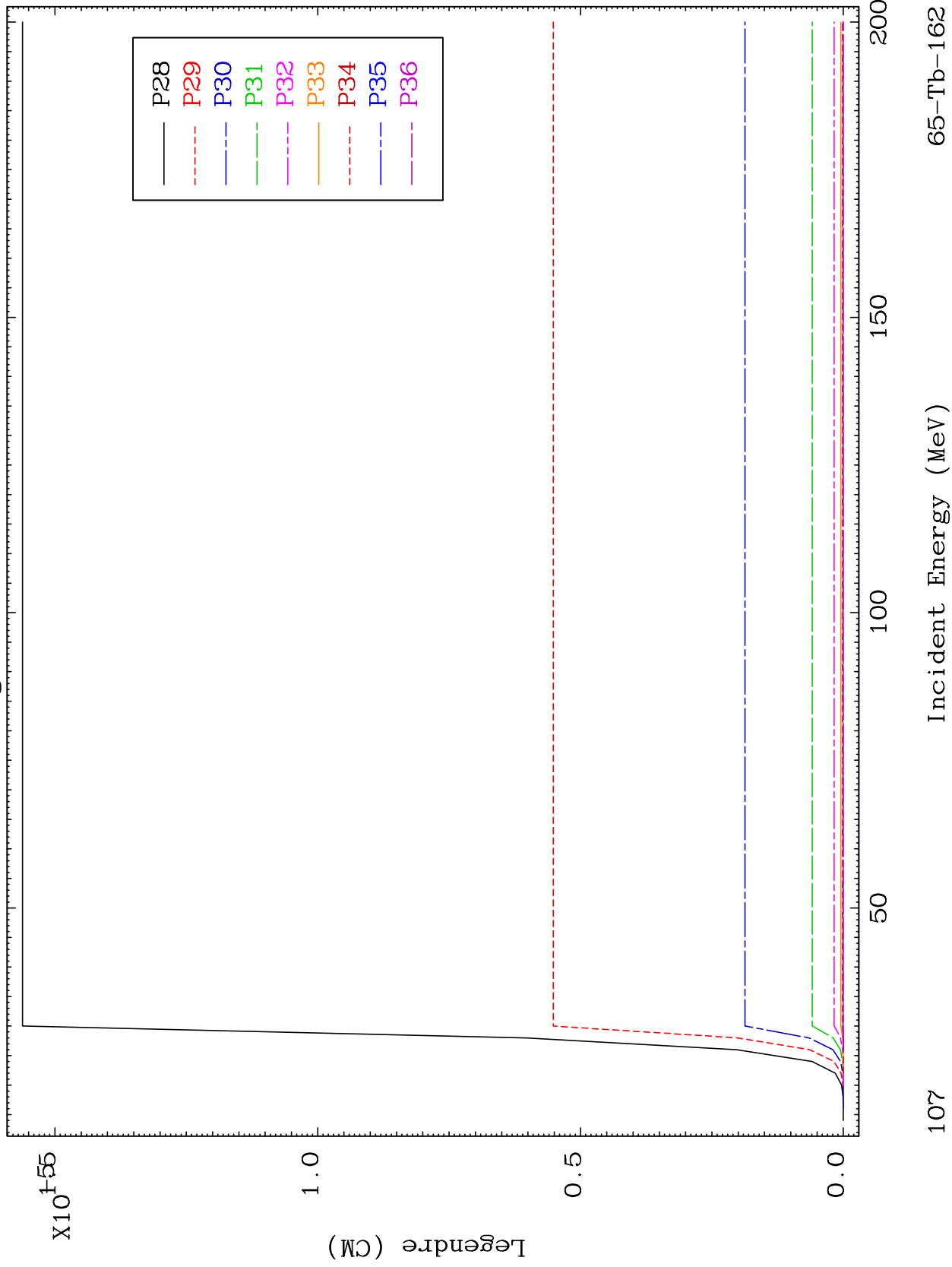
Incident Energy (MeV)

65-Tb-162

MAT 6534

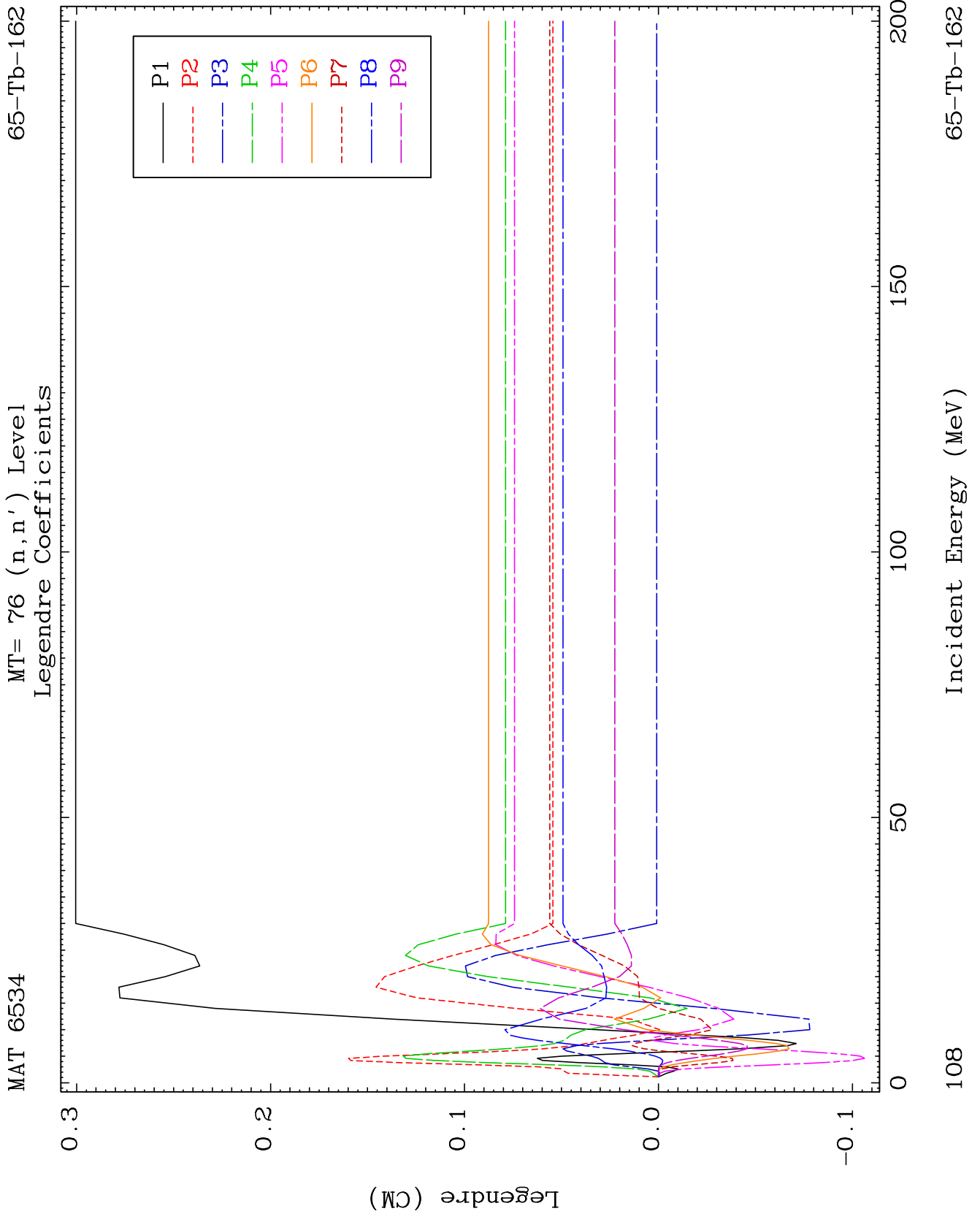
MT= 75 (n,n') Level  
Legendre Coefficients

65-Tb-162



107

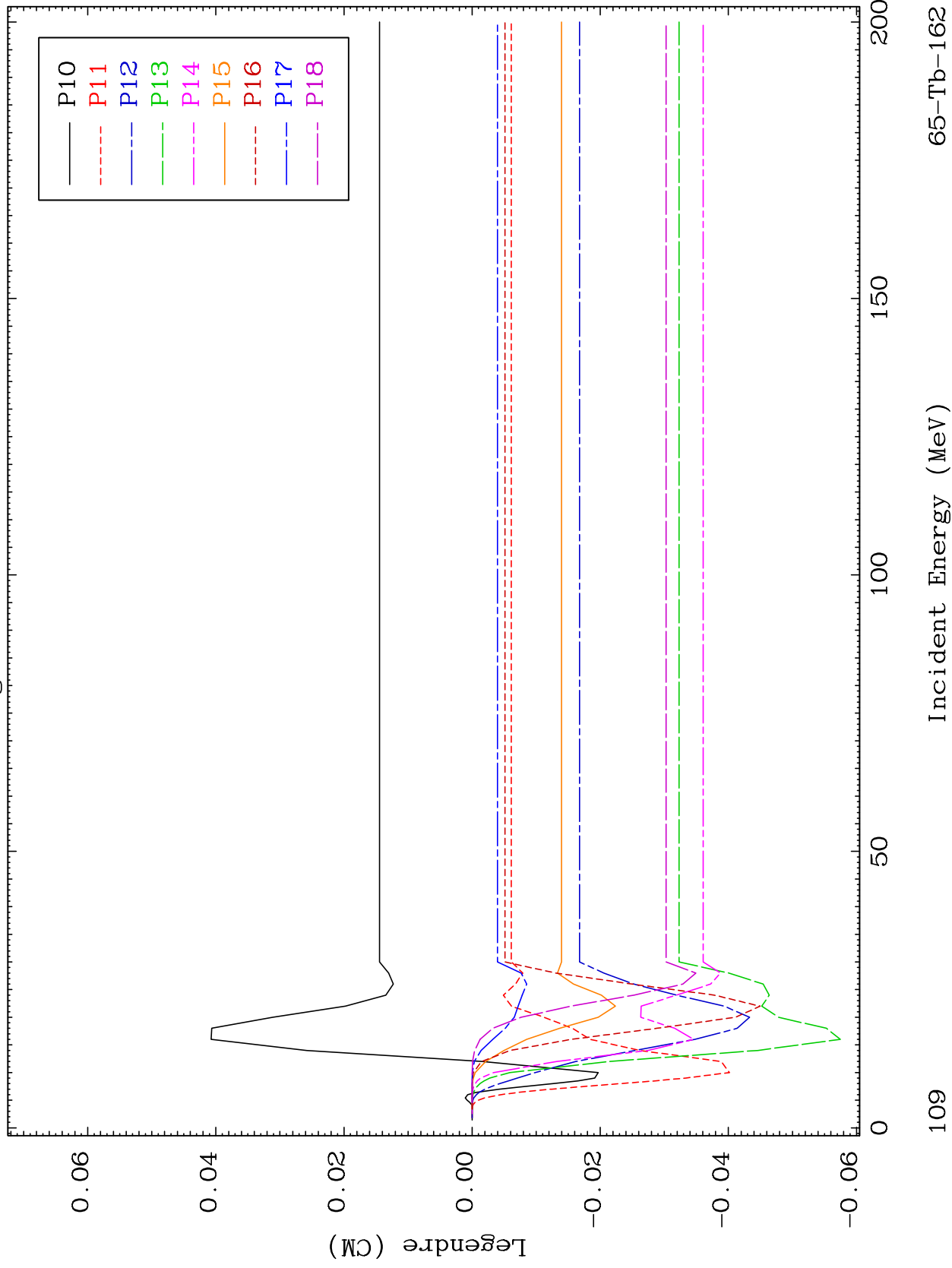
65-Tb-162



MAT 6534

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

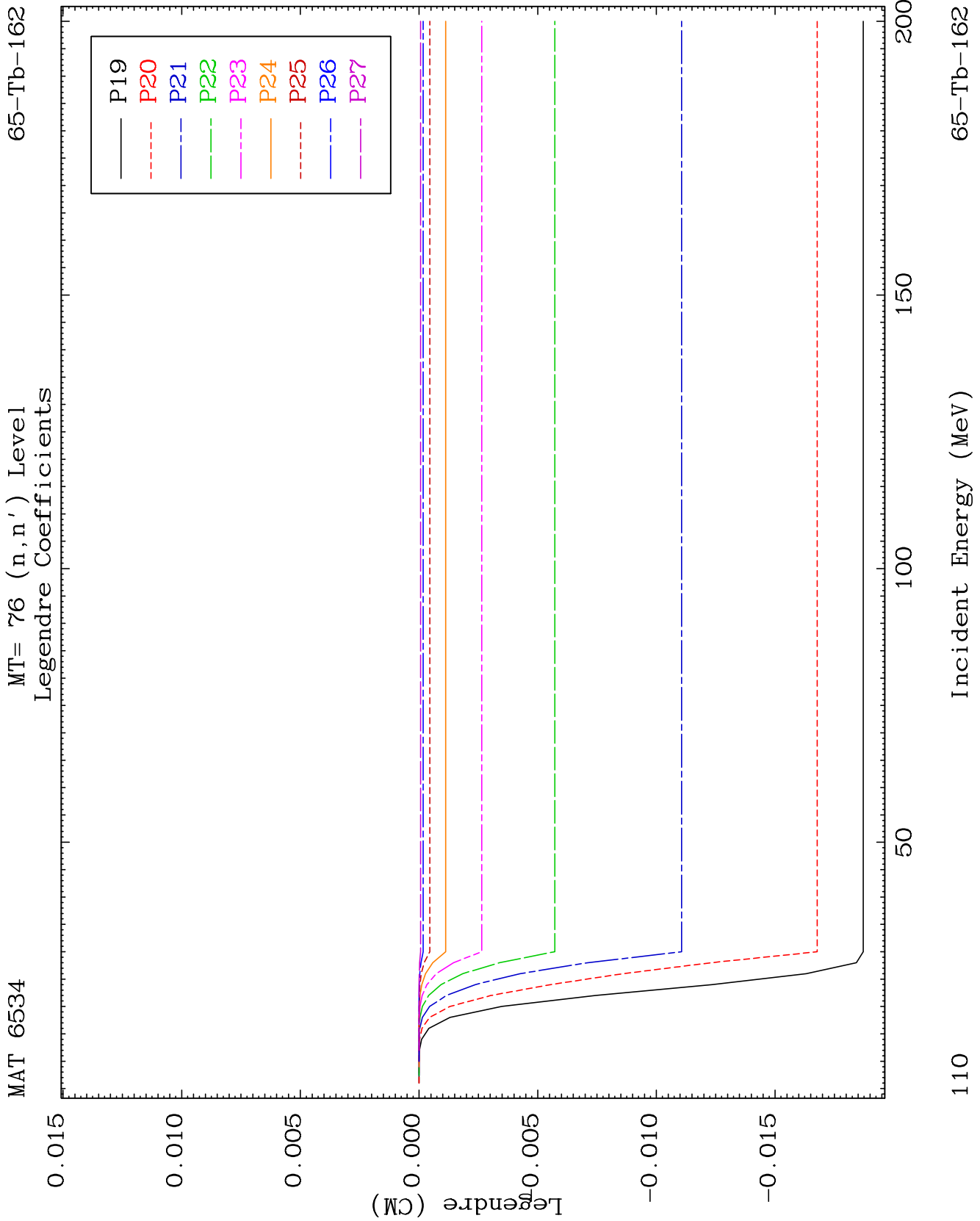
65-Tb-162

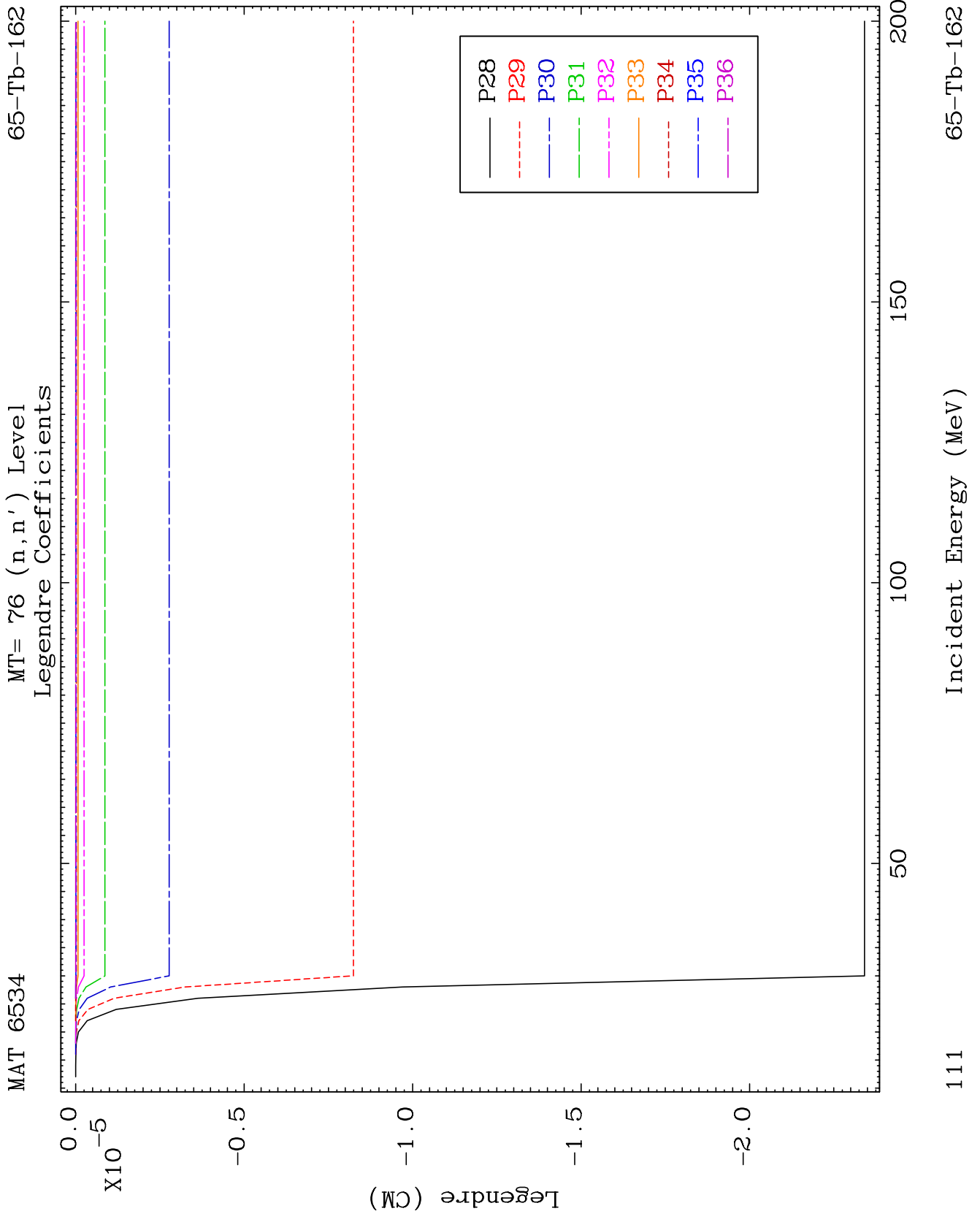


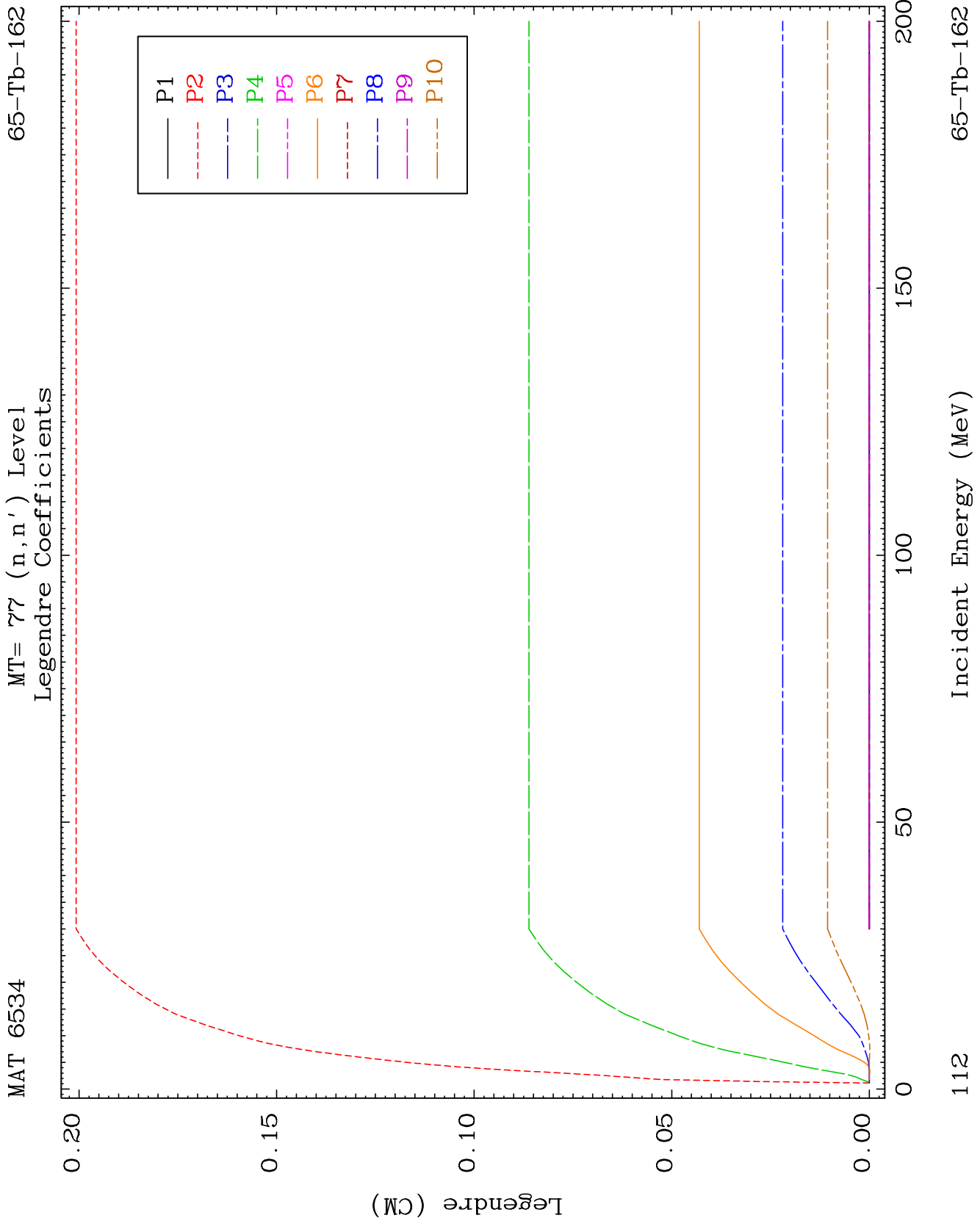
65-Tb-162

Incident Energy (MeV)

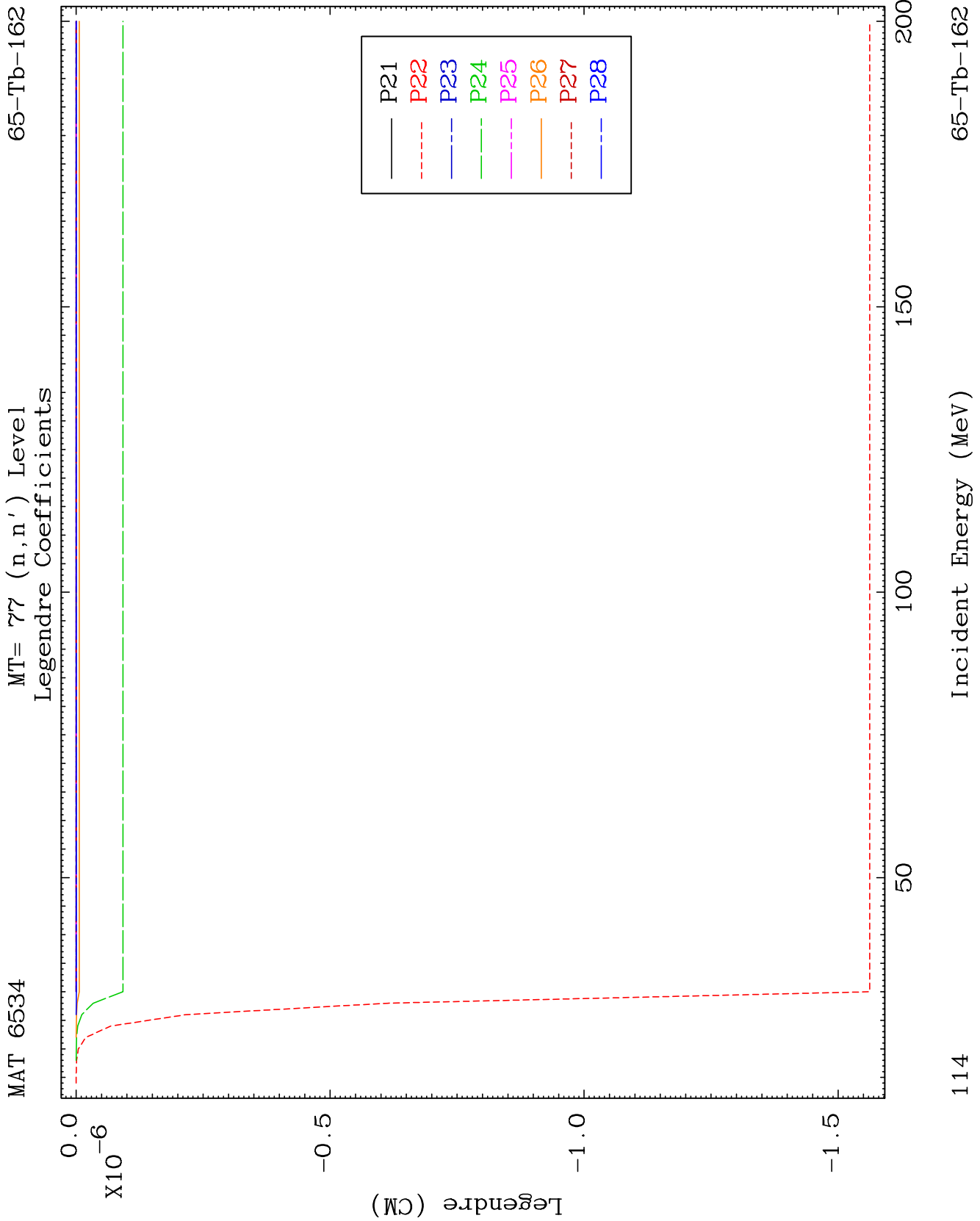
109









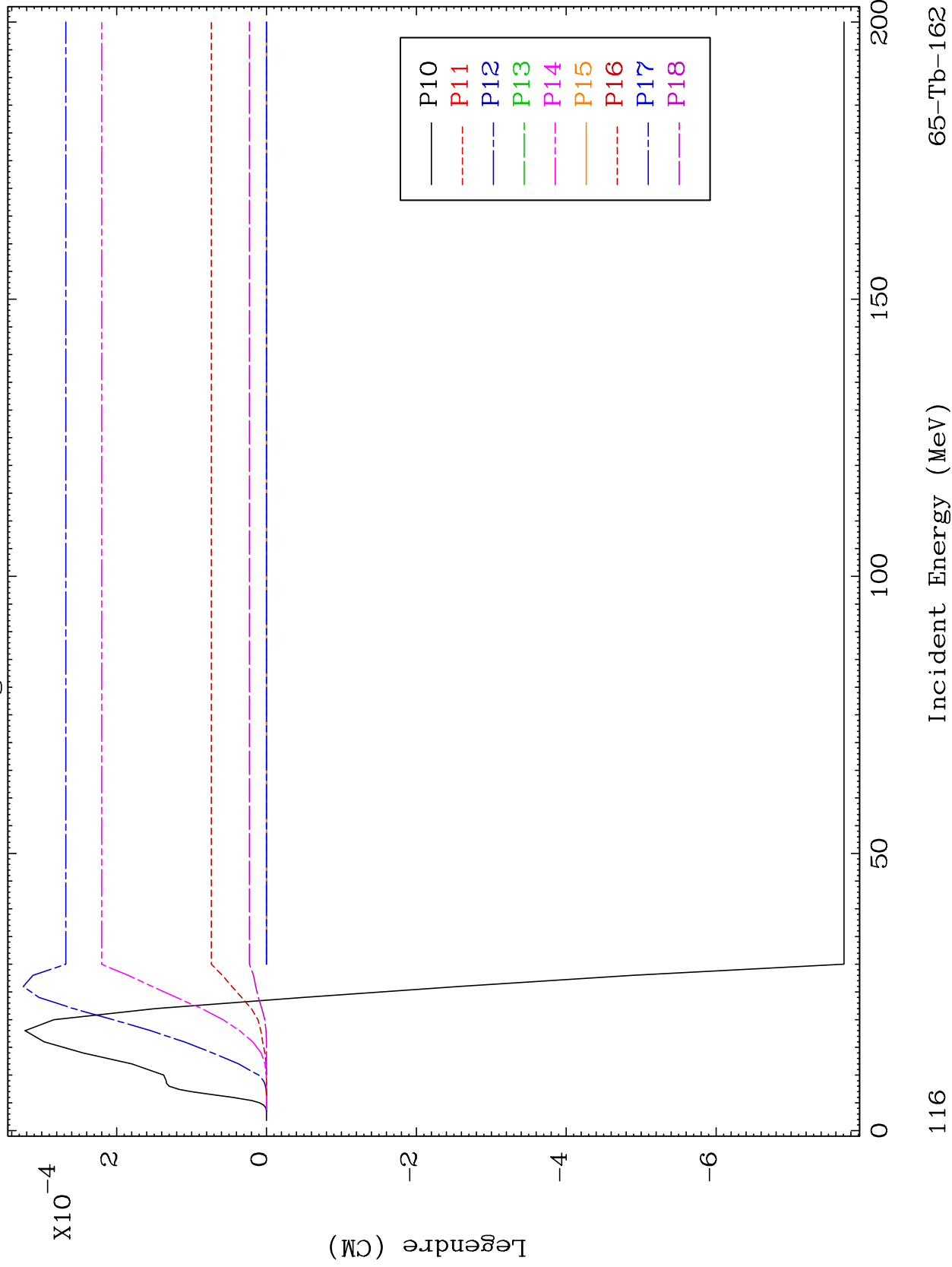




MAT 6534

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

65-Tb-162



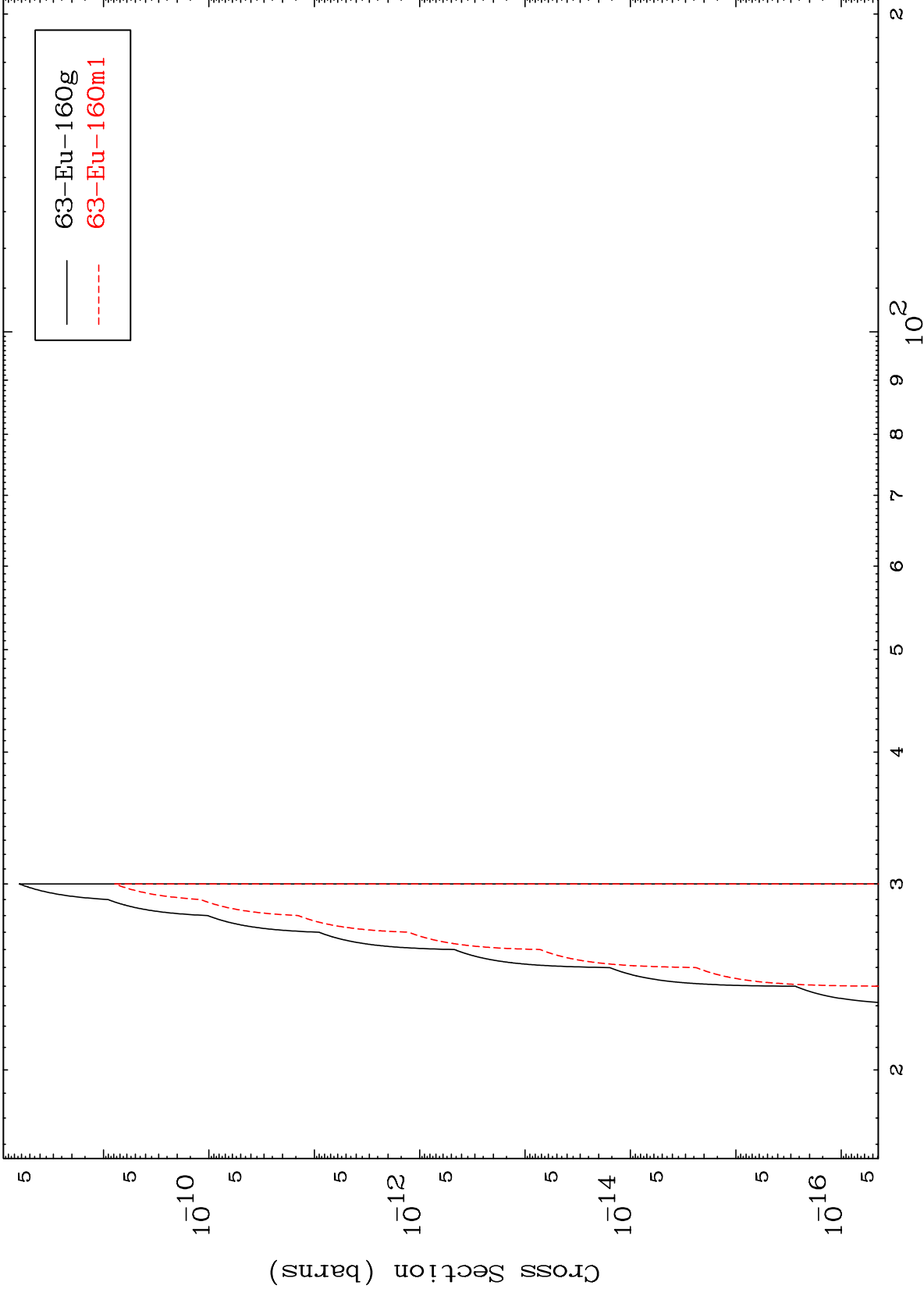


MAT 6534

(n,2n) p

65-Tb-162

Radionuclide Production Cross Section



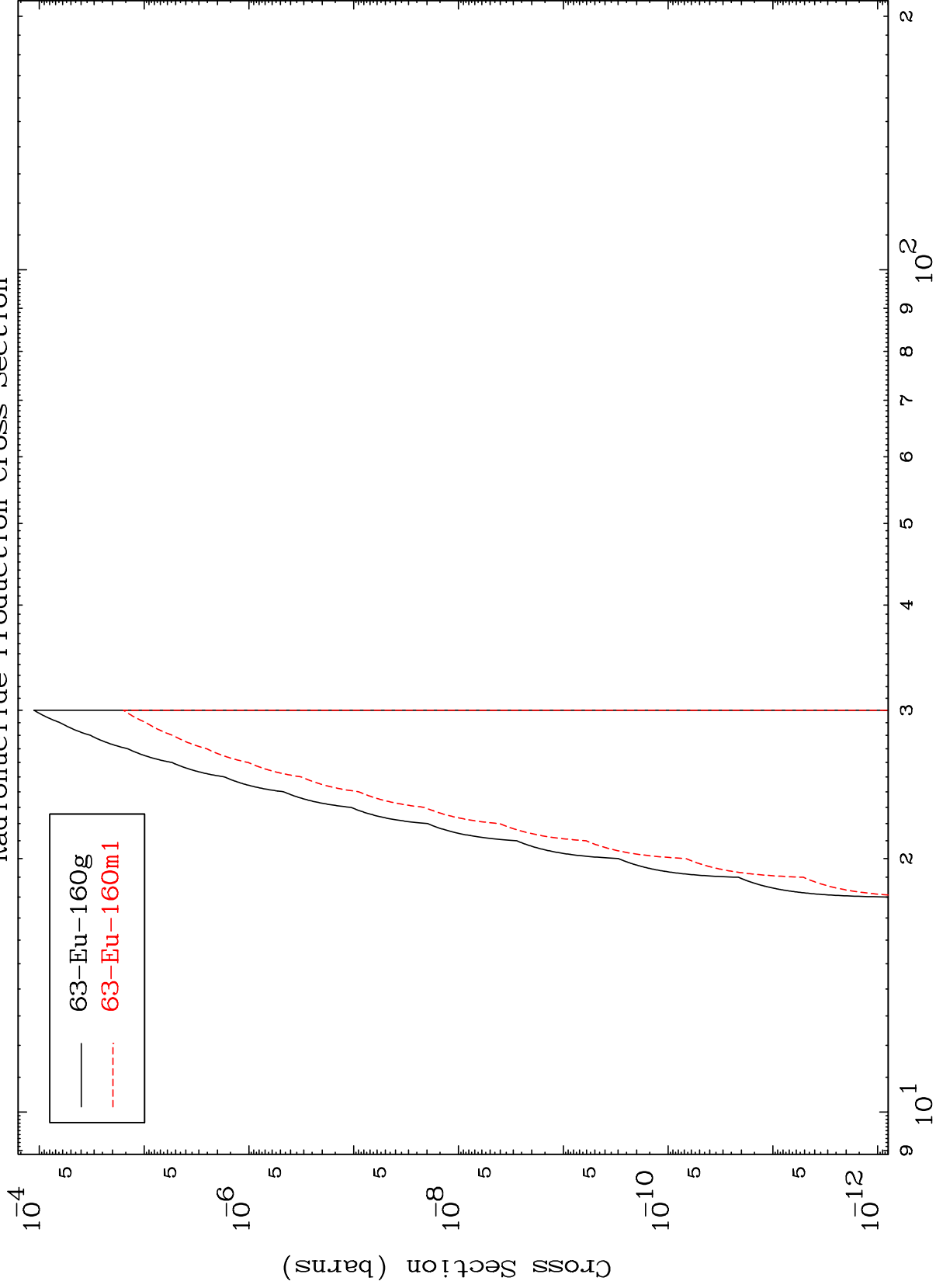
63-Eu-160g  
63-Eu-160m1

MAT 6534

(n,He-3)

65-Tb-162

Radionuclide Production Cross Section



119

Incident Energy (MeV)

65-Tb-162