

Program EVALPLOT  
(Version 2017-1)

by

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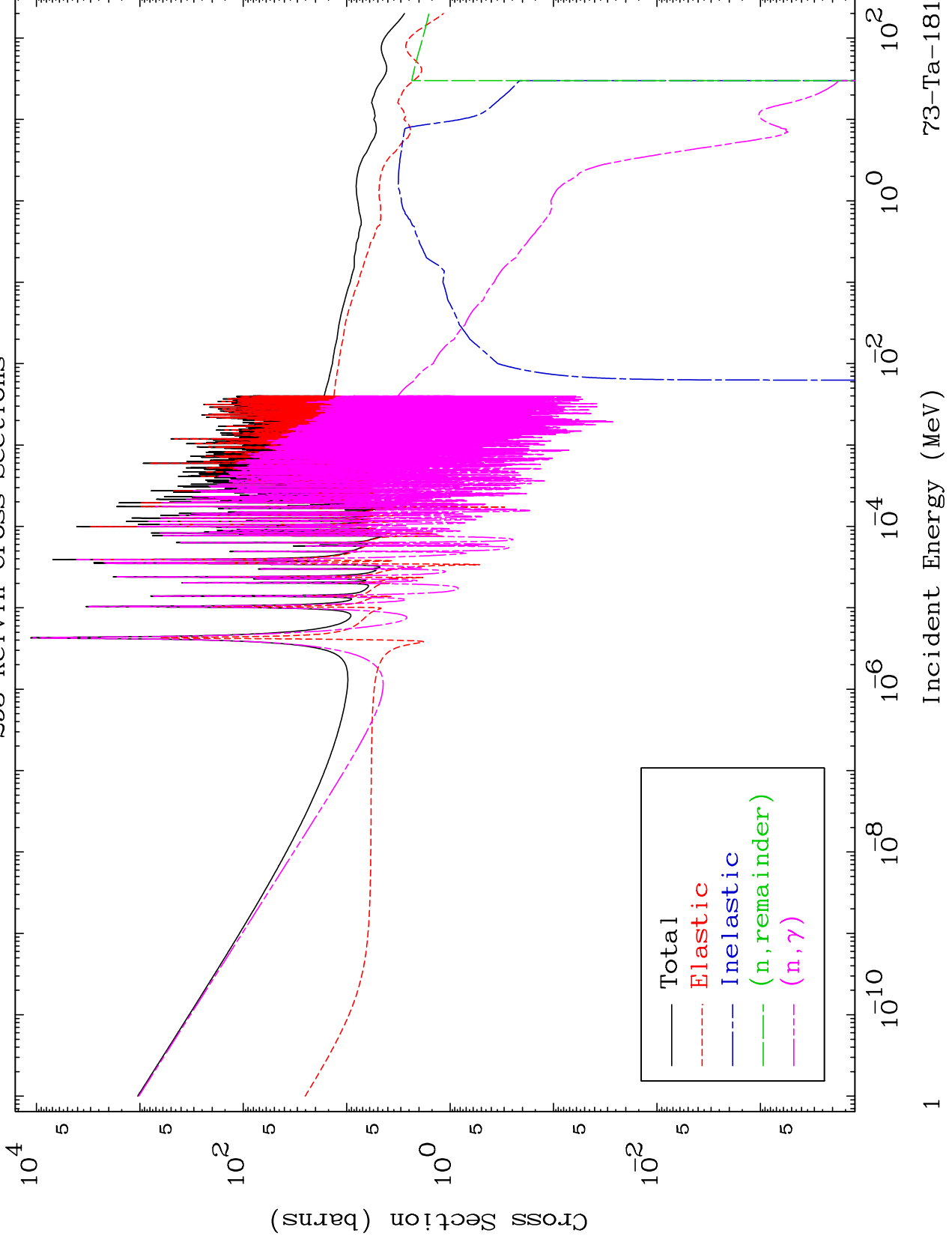
Press Mouse Button to Start

MAT 7328

Major

293 Kelvin Cross Sections

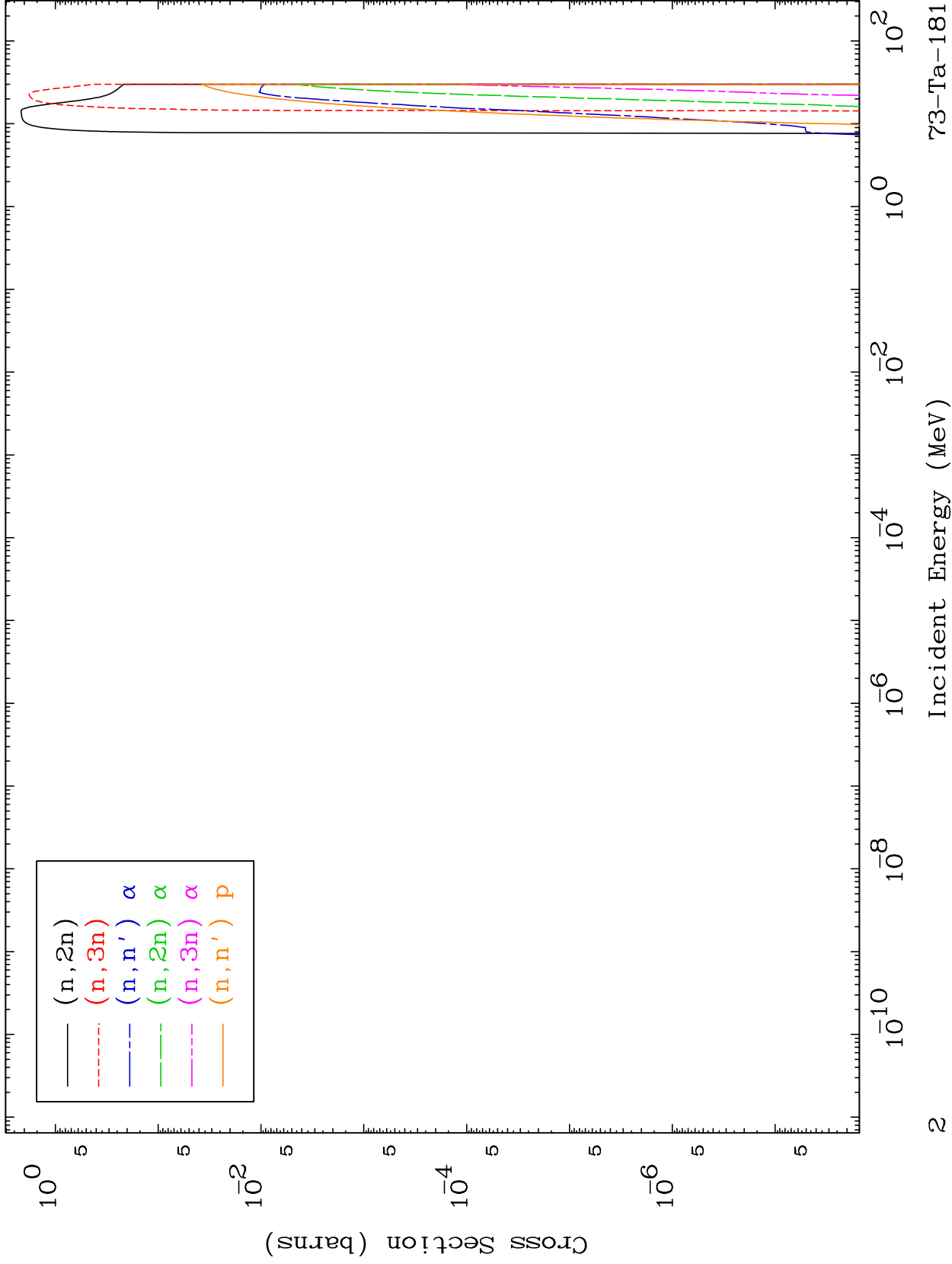
73-Ta-181

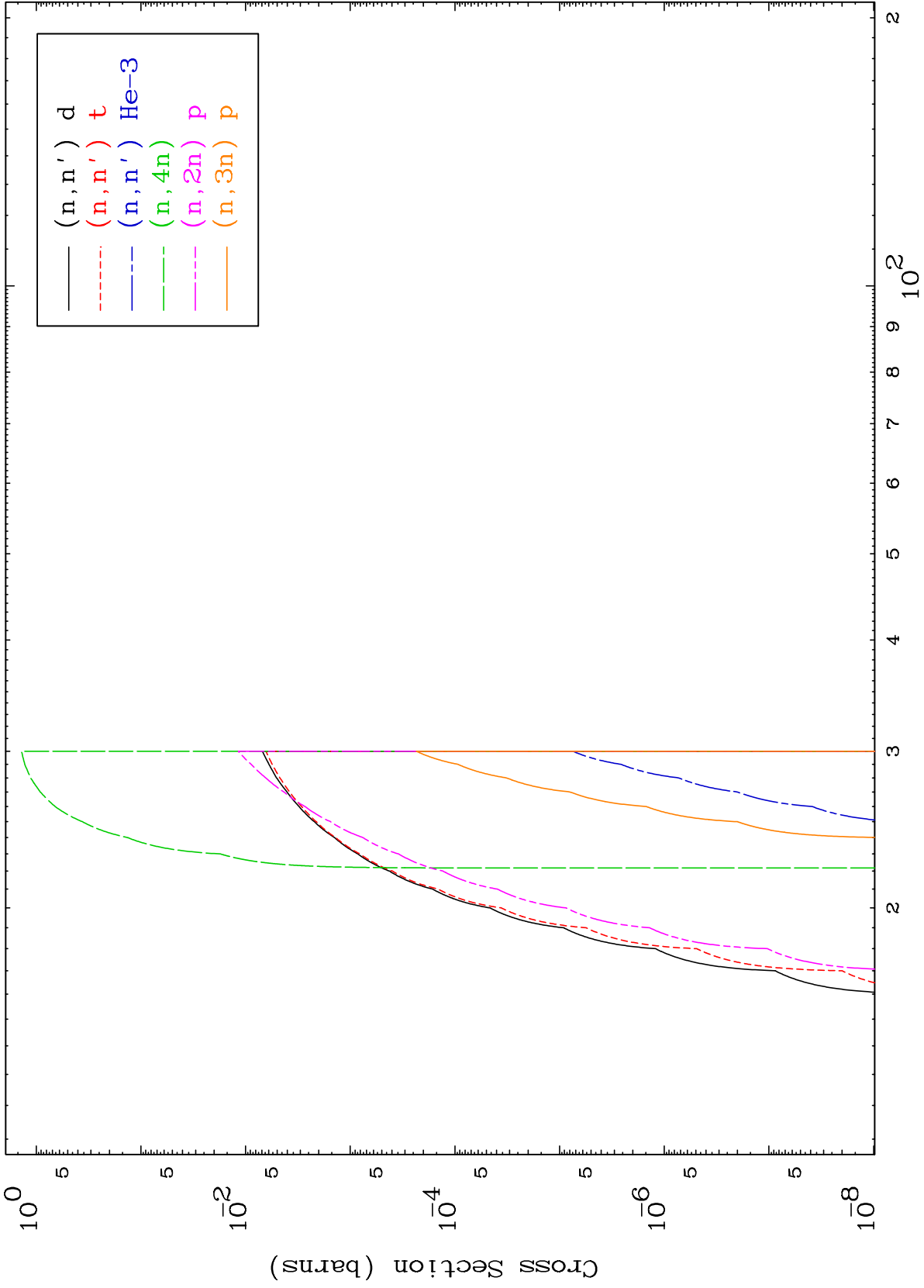


MAT 7328

Neutron Production  
293 Kelvin Cross Sections

73-Ta-181

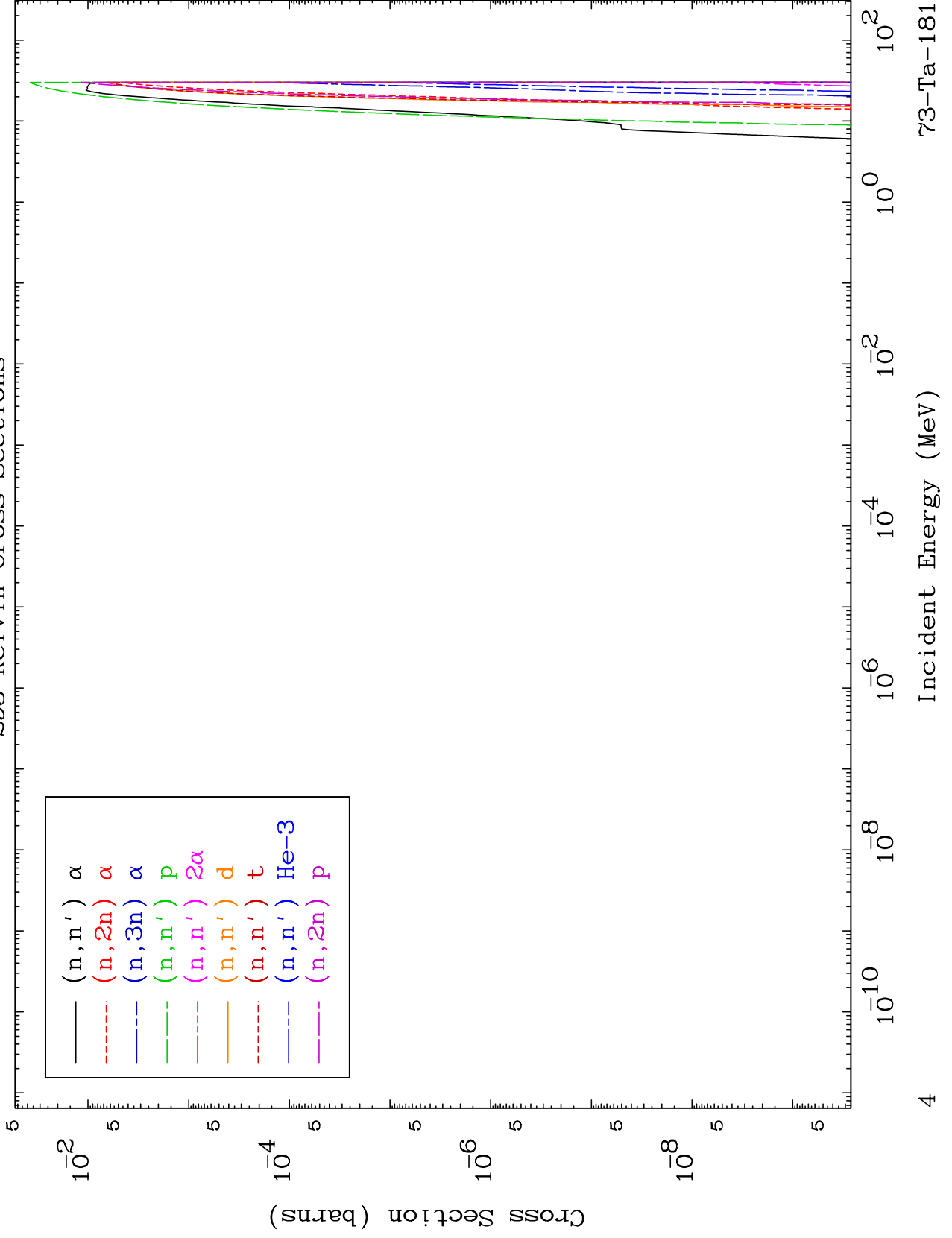




MAT 7328

Charged Particle  
293 Kelvin Cross Sections

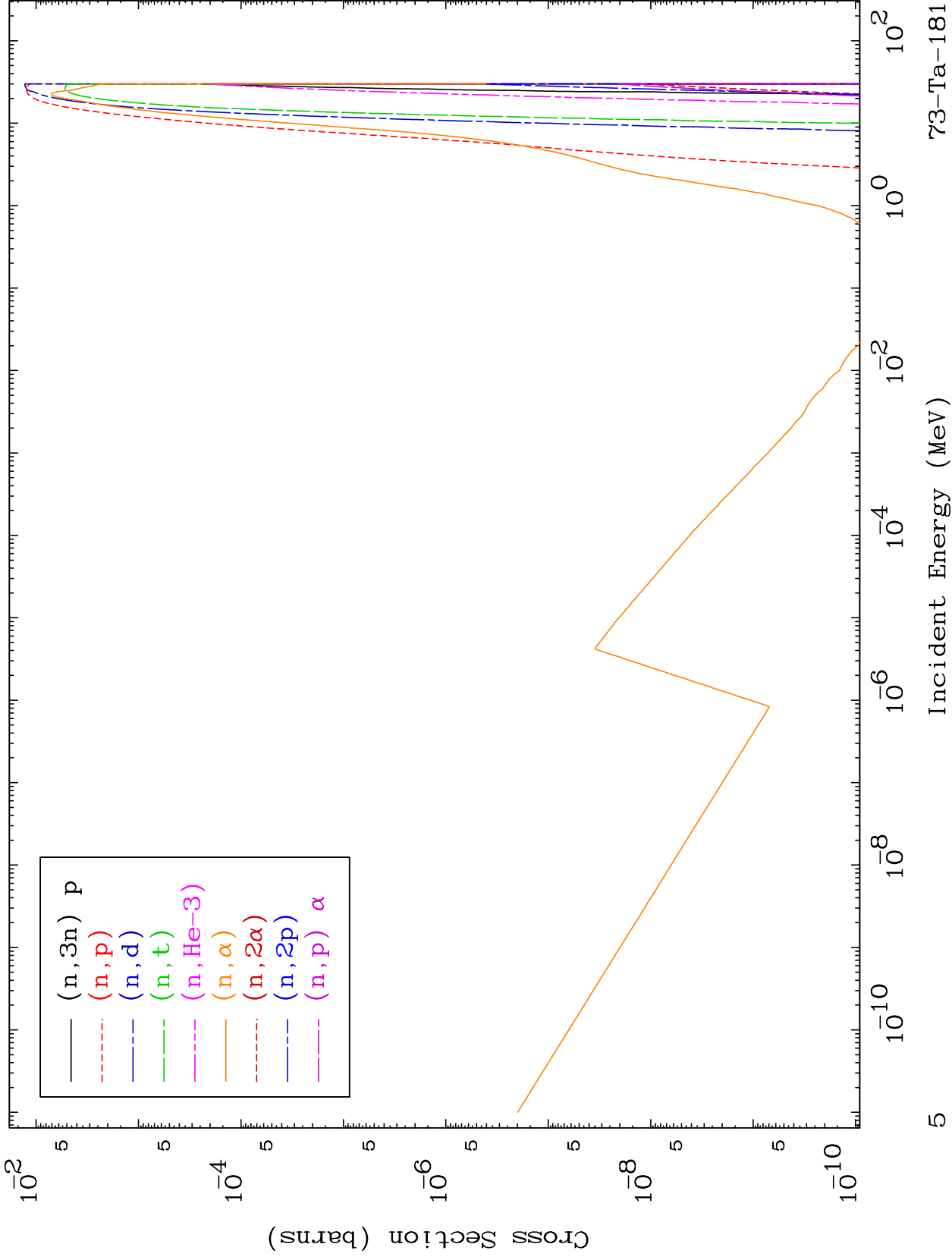
73-Ta-181



MAT 7328

Charged Particle  
293 Kelvin Cross Sections

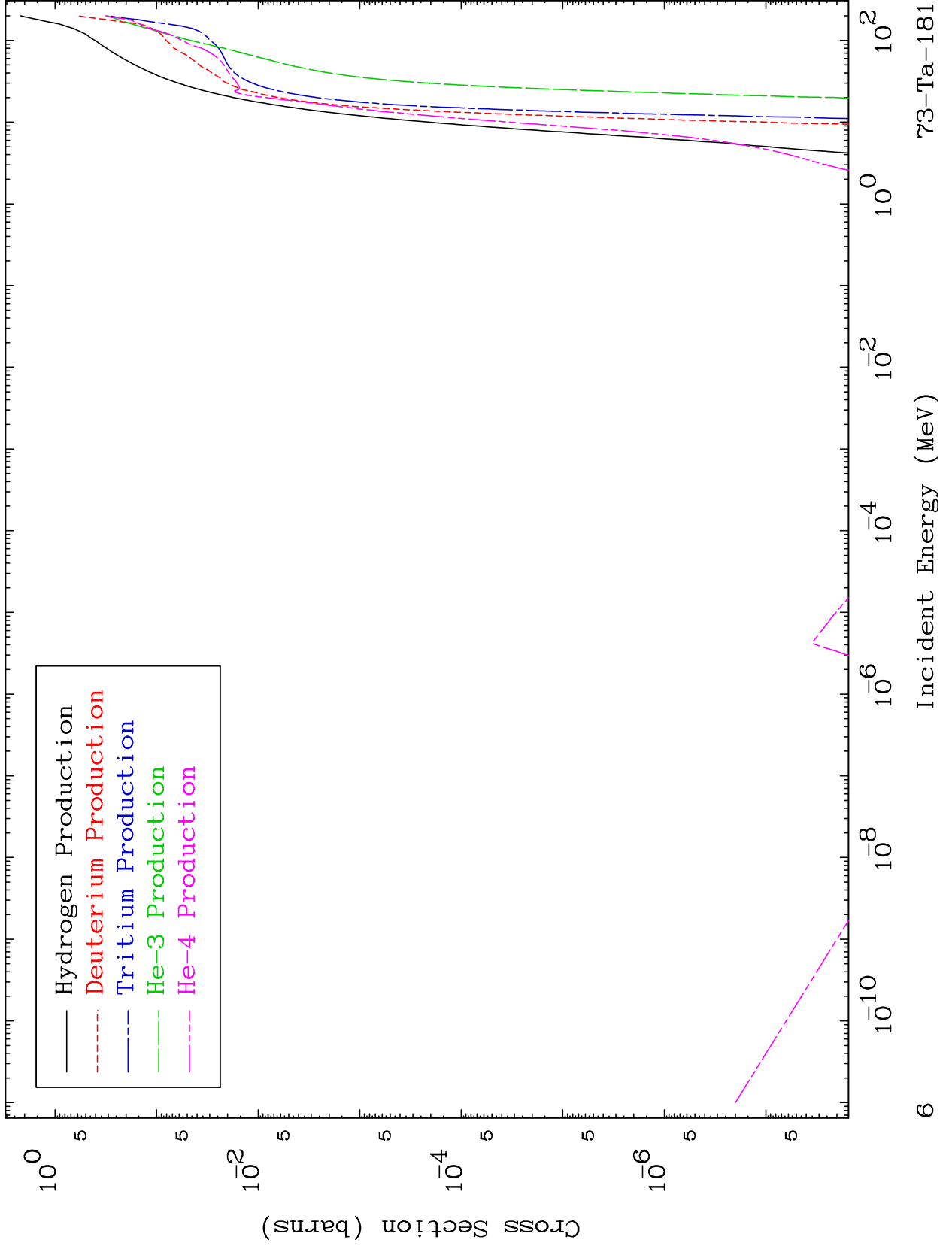
73-Ta-181

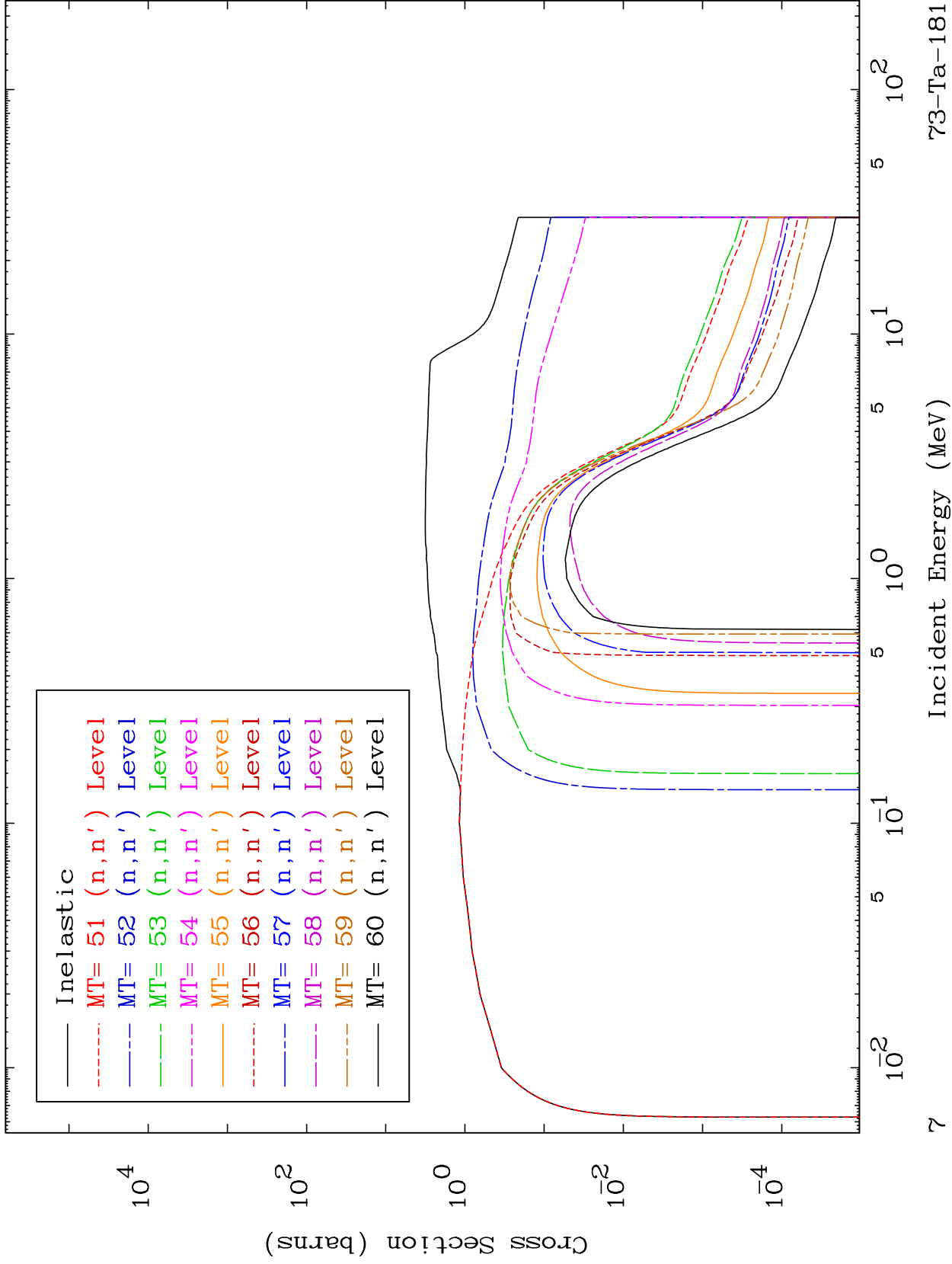


MAT 7328

Particle Production  
293 Kelvin Cross Sections

73-Ta-181





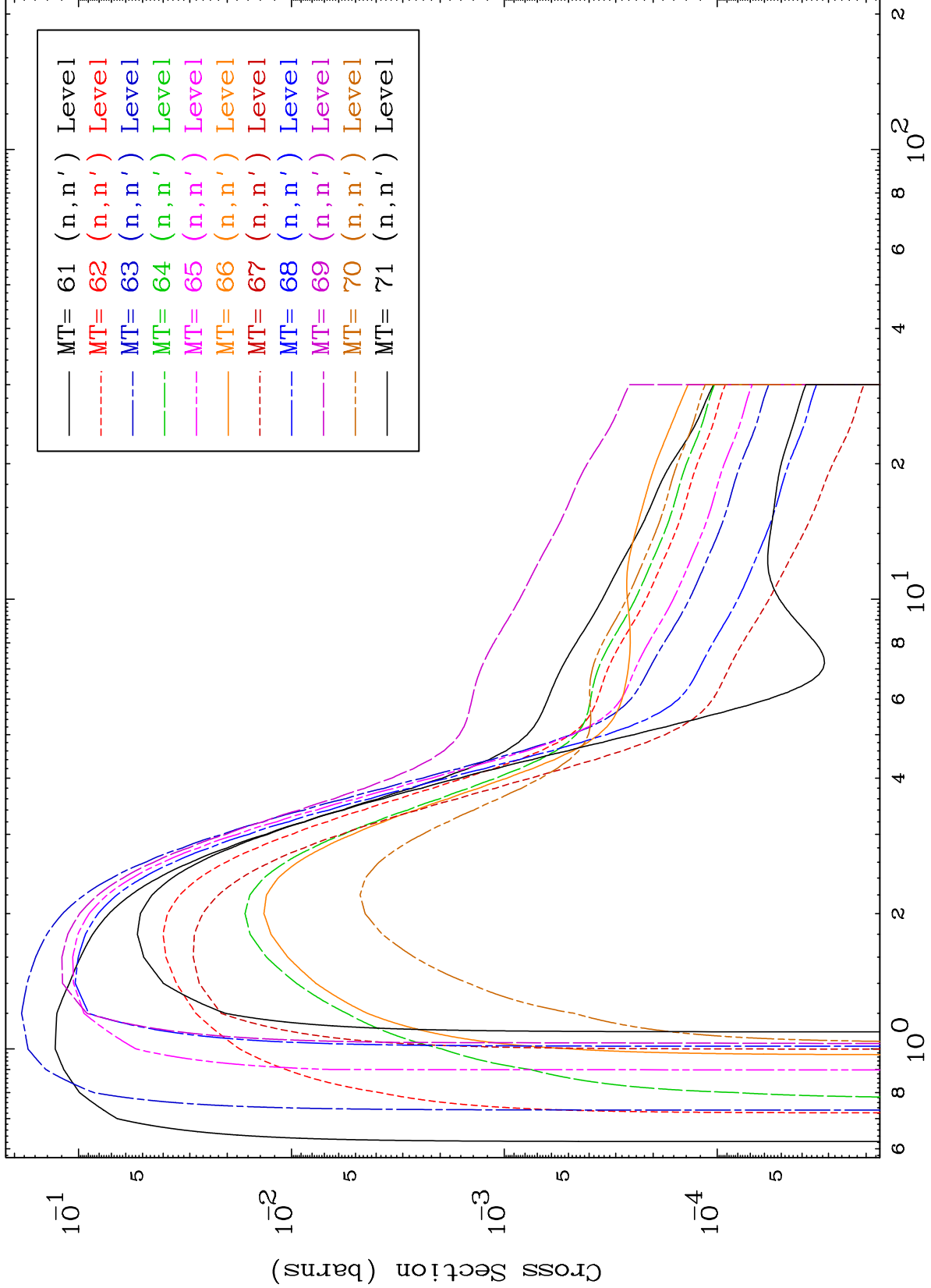


MAT 7328

(n,n') Level

73-Ta-181

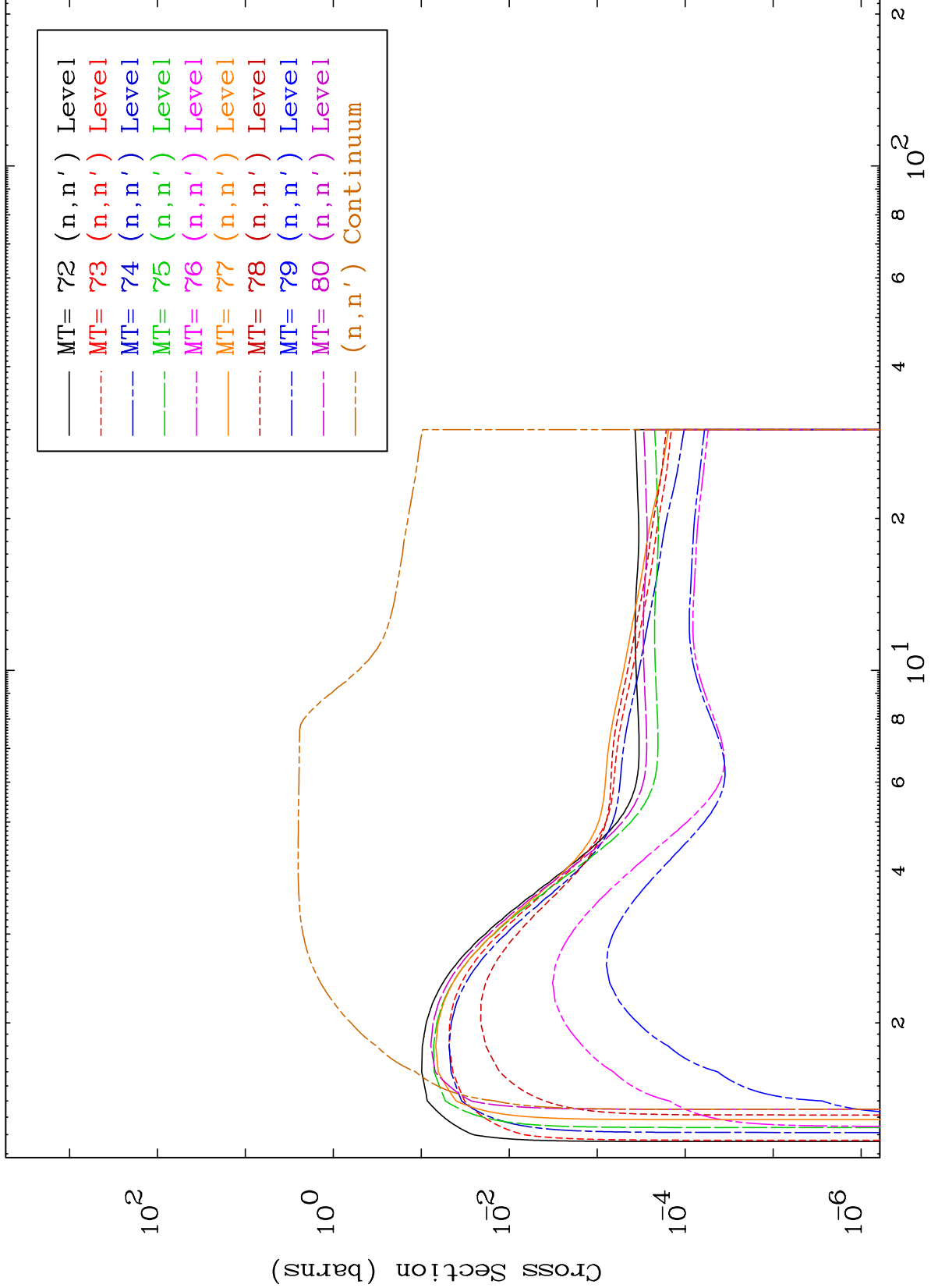
293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-181

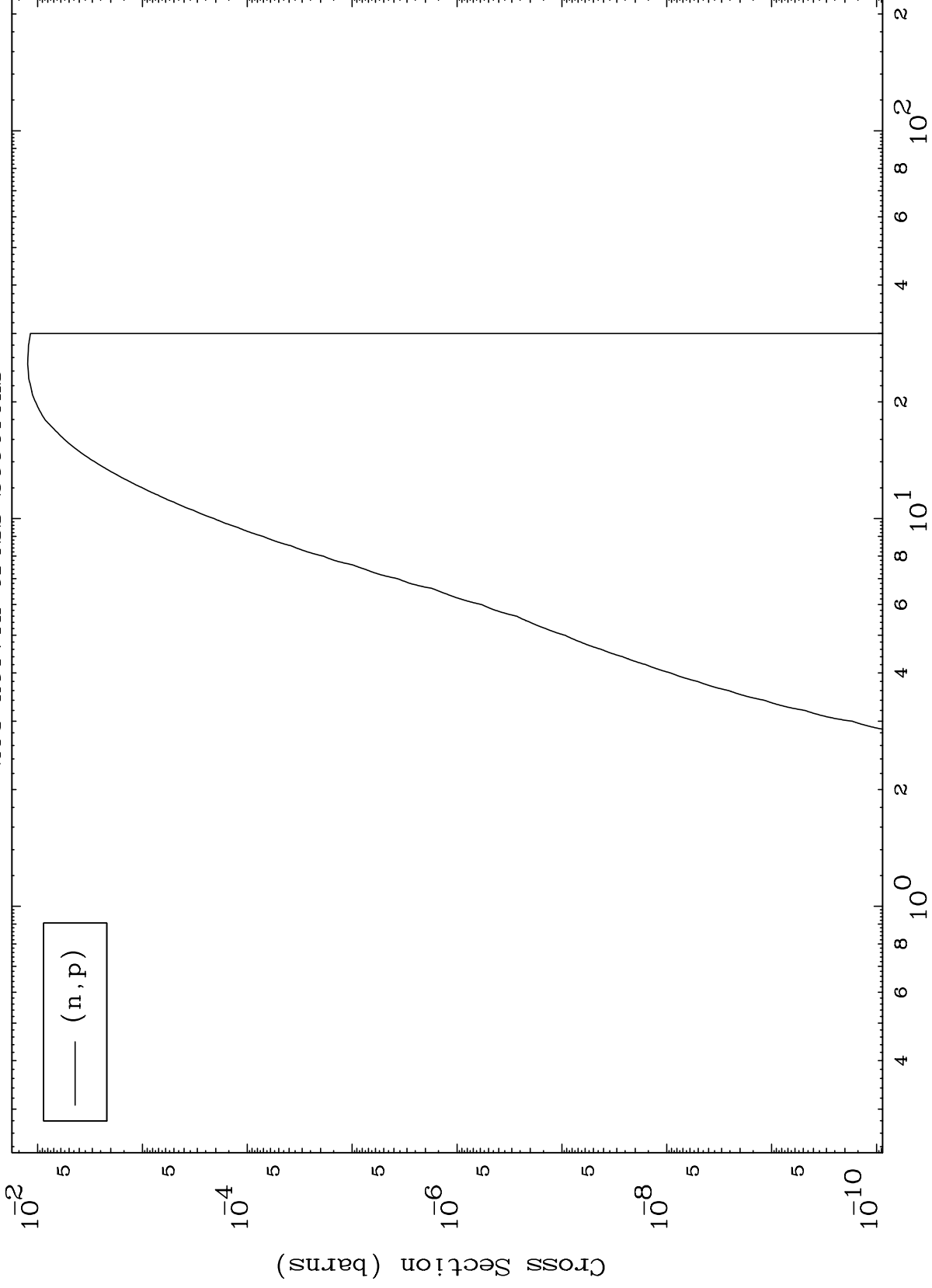
293 Kelvin Cross Sections



MAT 7328

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-181



10

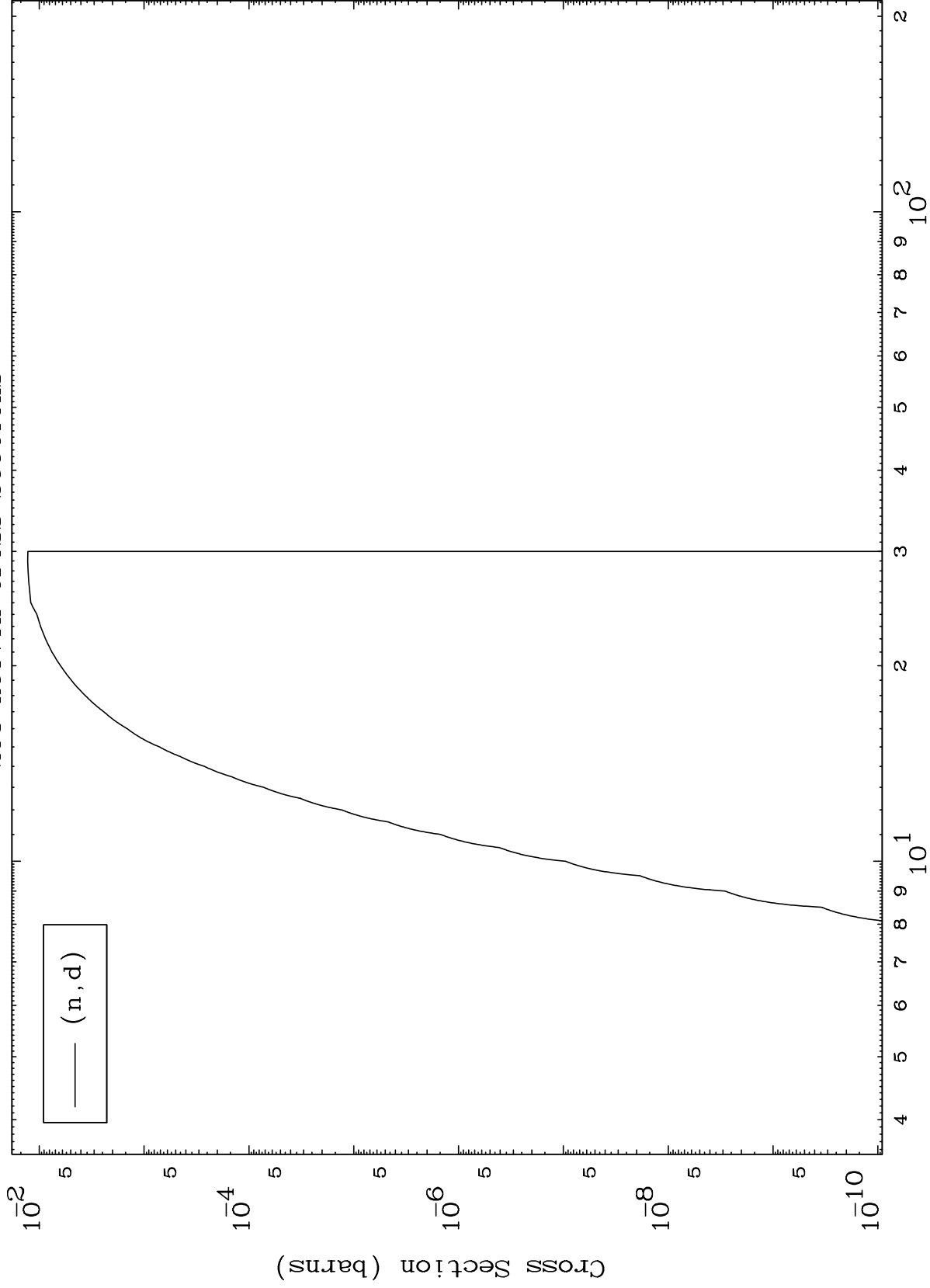
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-181



11

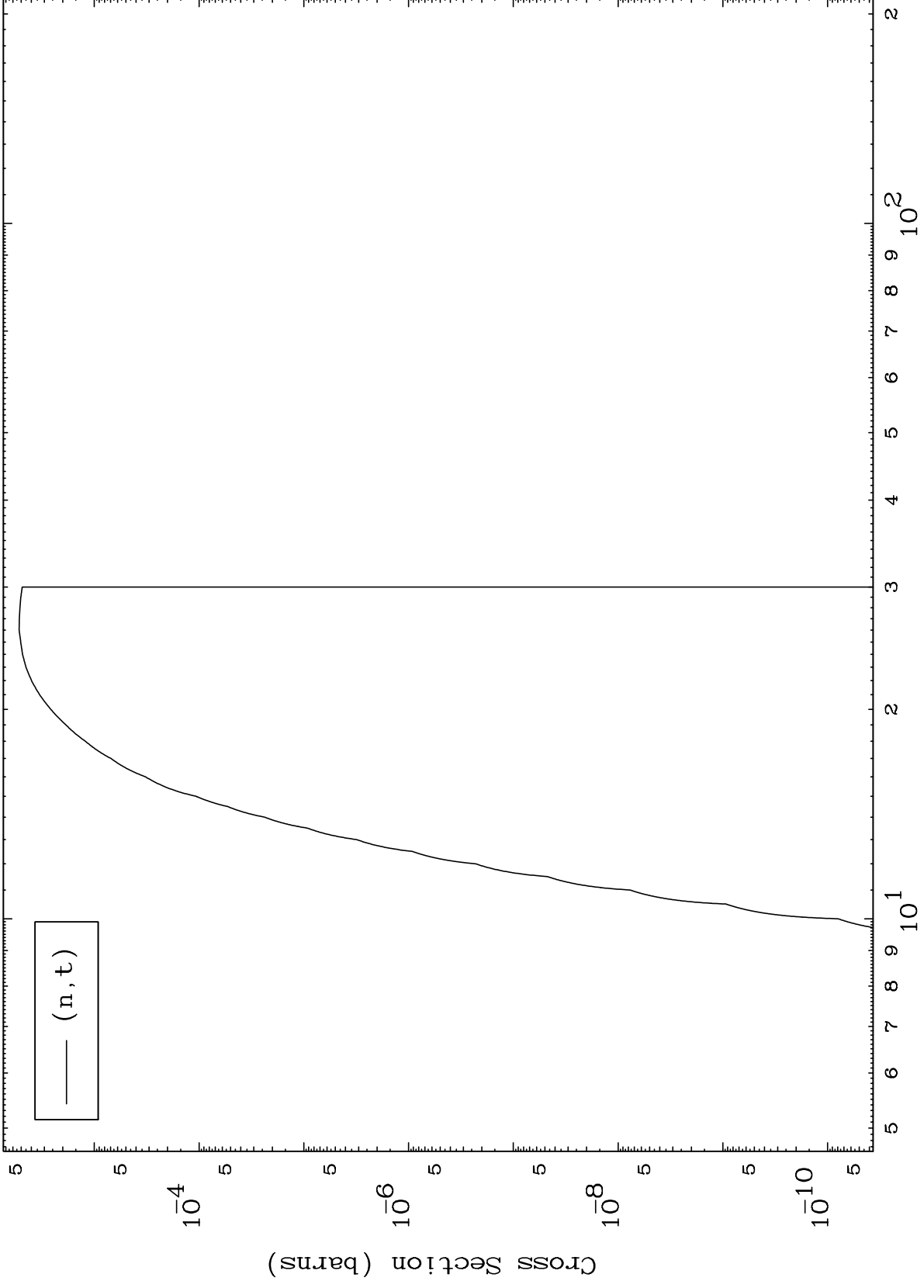
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-181



12

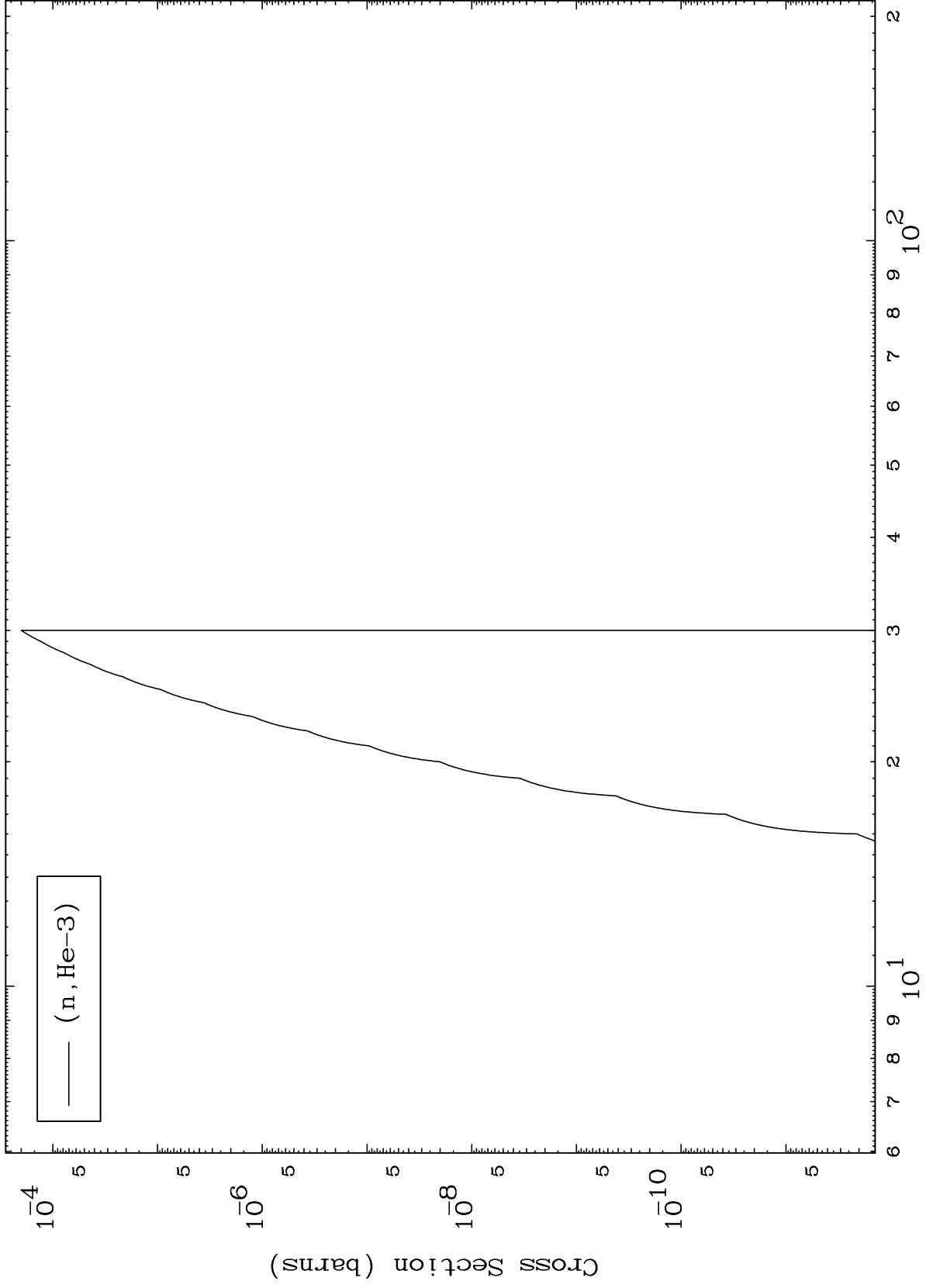
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,He3) Levels  
293 Kelvin Cross Sections

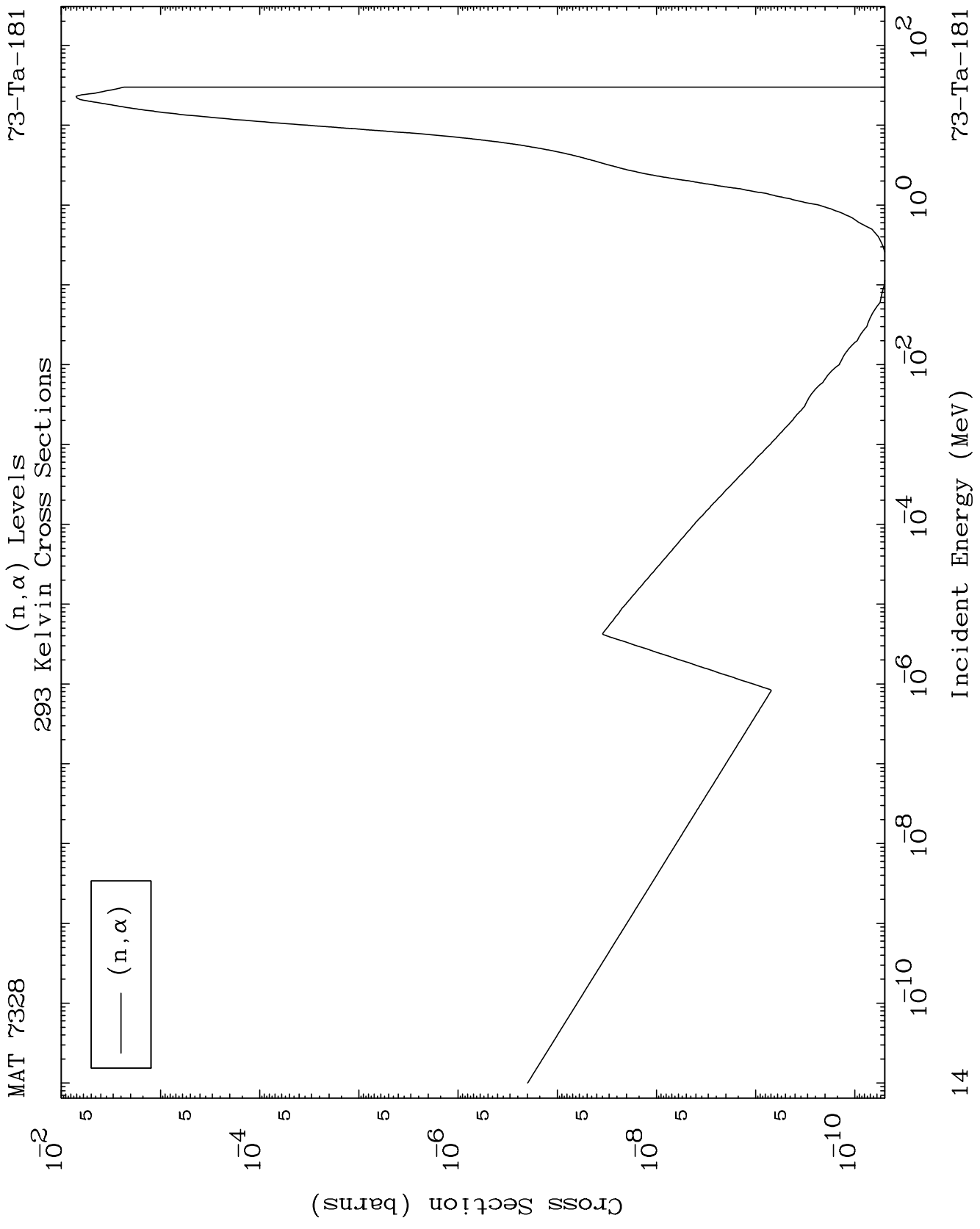
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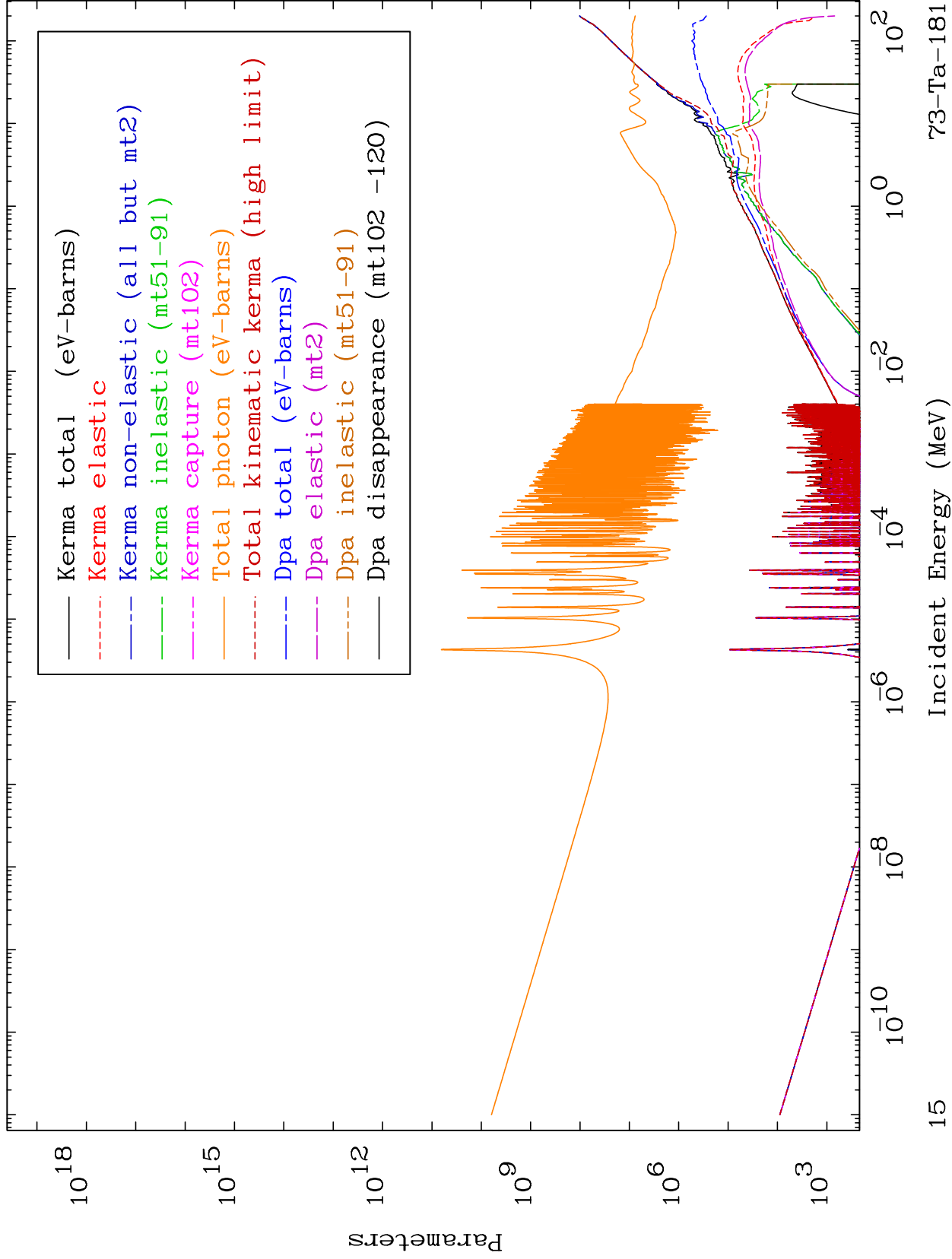


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Incident Energy (MeV)

73-Ta-181



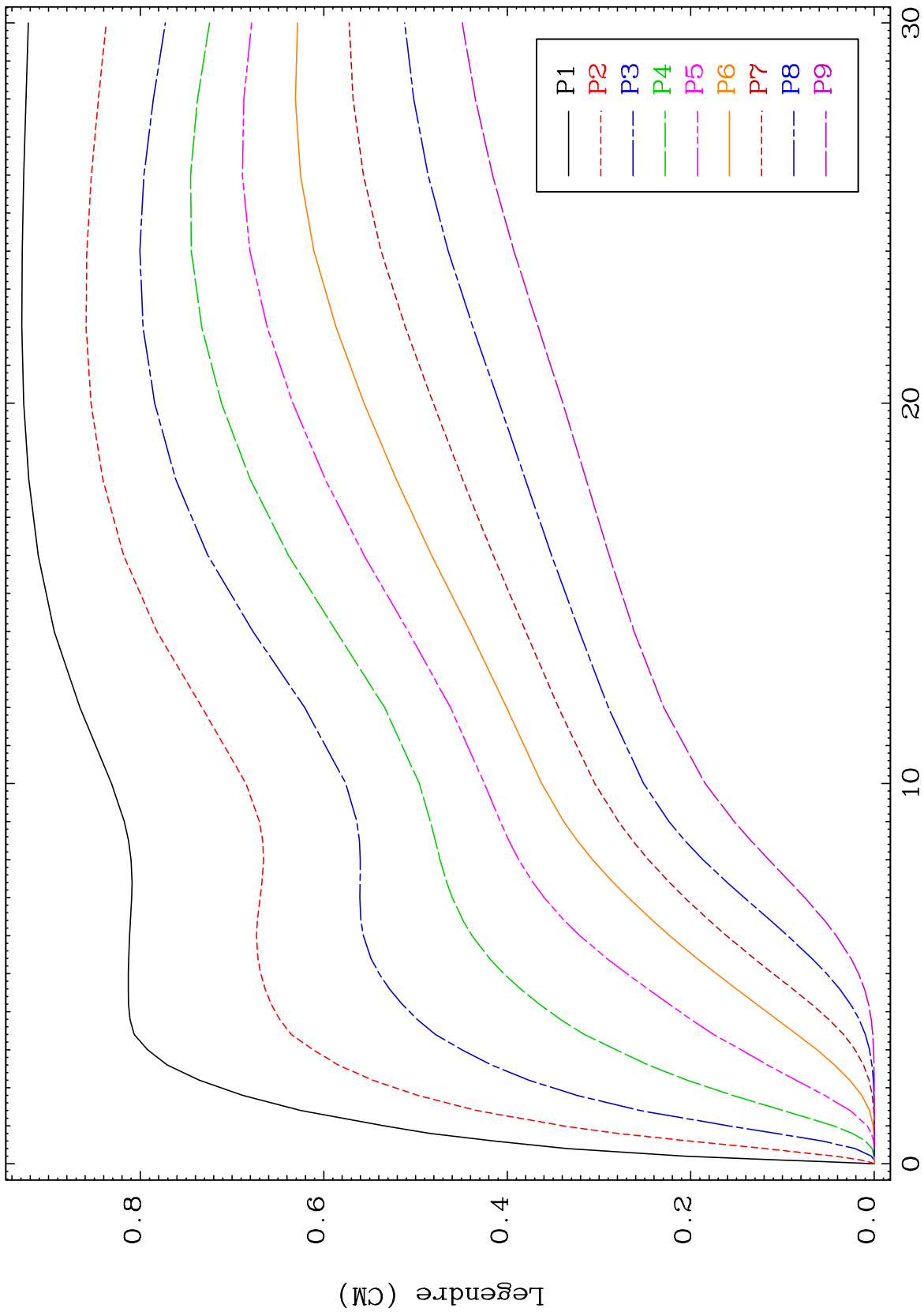




MAT 7328

Elastic Legendre Coefficients

<sup>73</sup>Ta-181



16

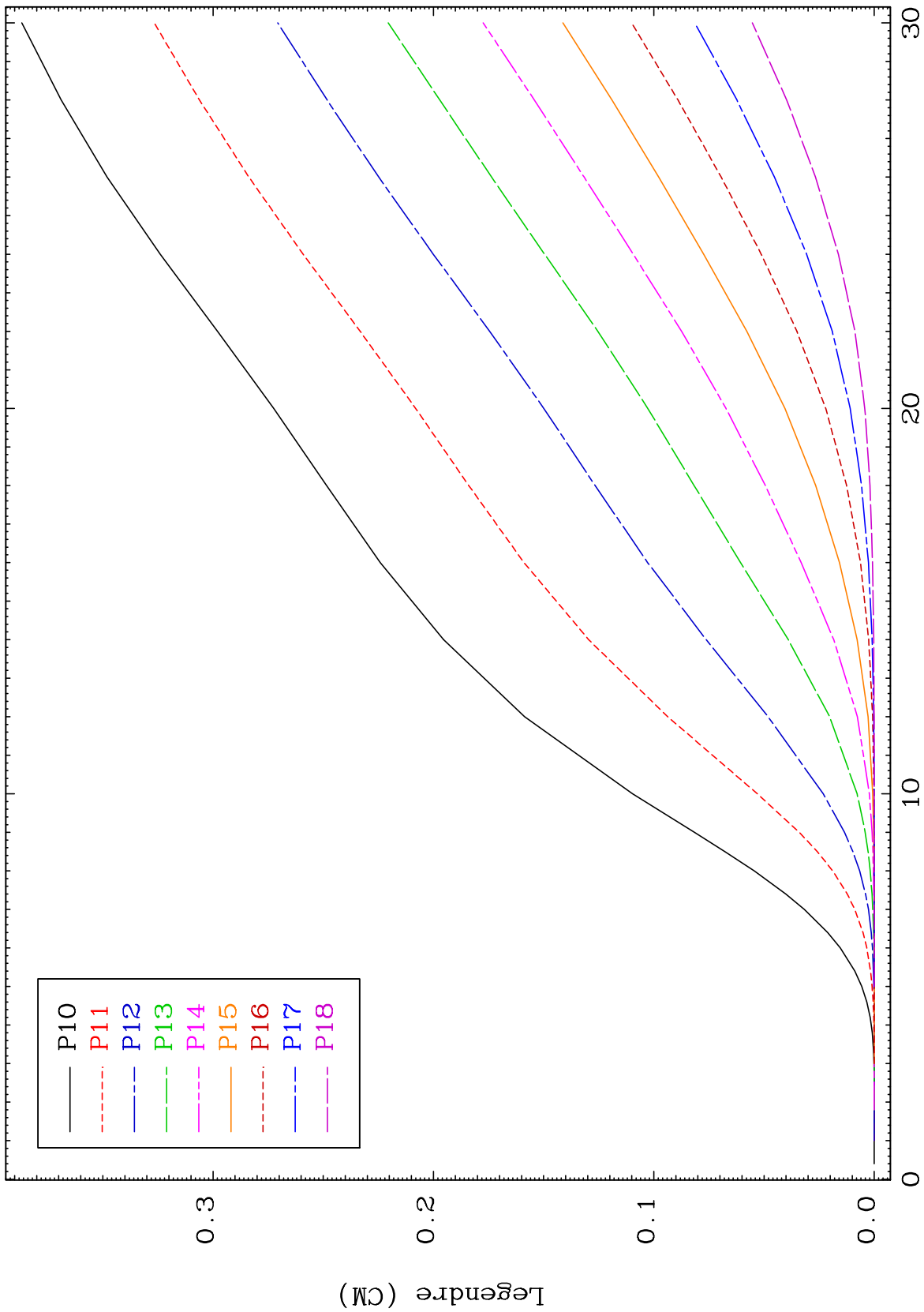
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

Elastic Legendre Coefficients

<sup>73</sup>Ta-181



17

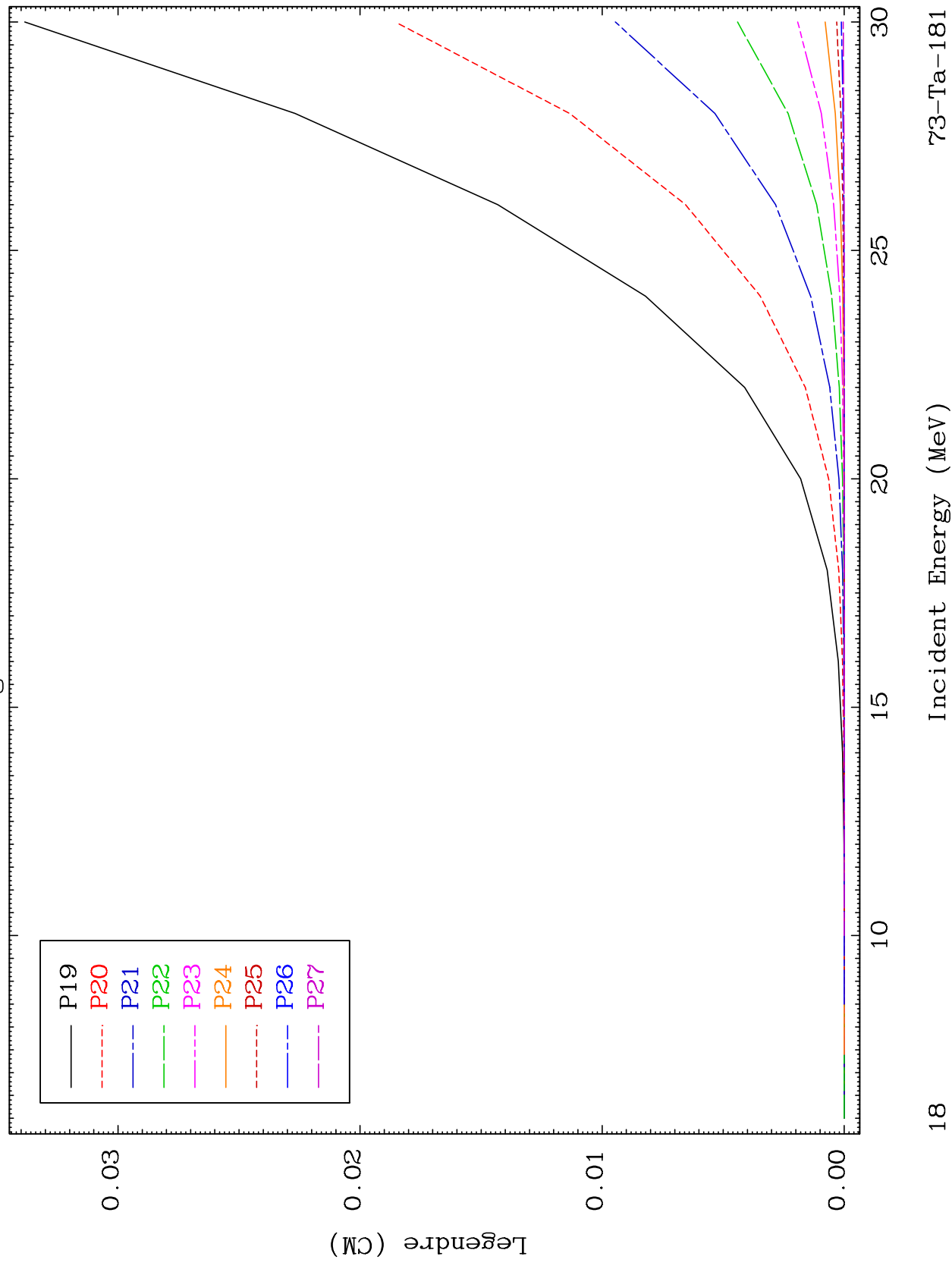
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

Elastic Legendre Coefficients

73-Ta-181



18

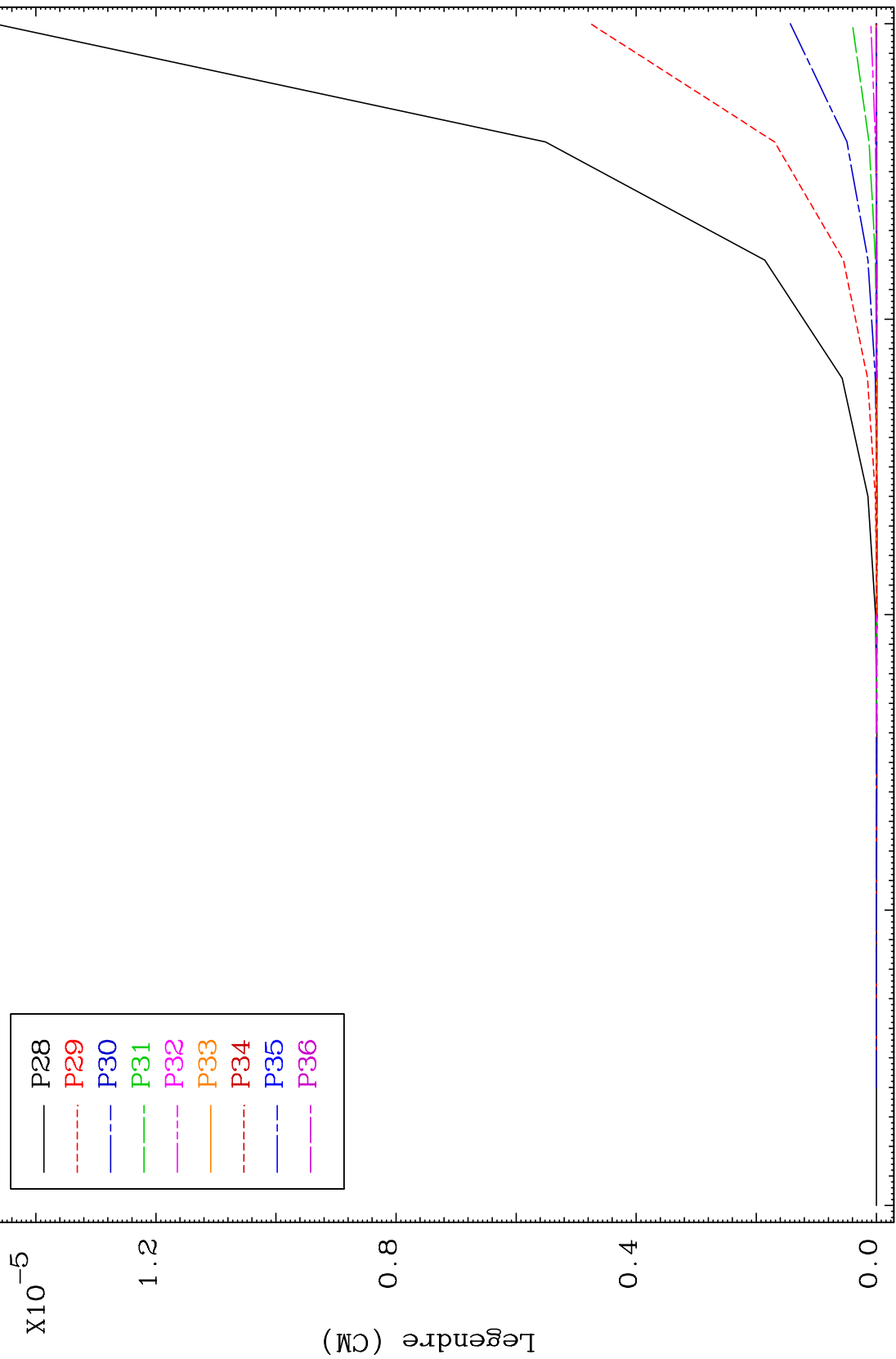
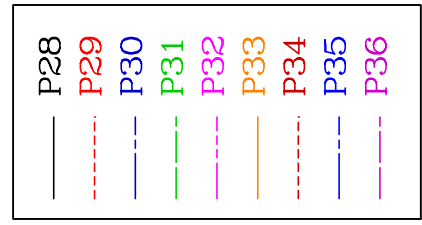
Incident Energy (MeV)

73-Ta-181

MAT 7328

Elastic Legendre Coefficients

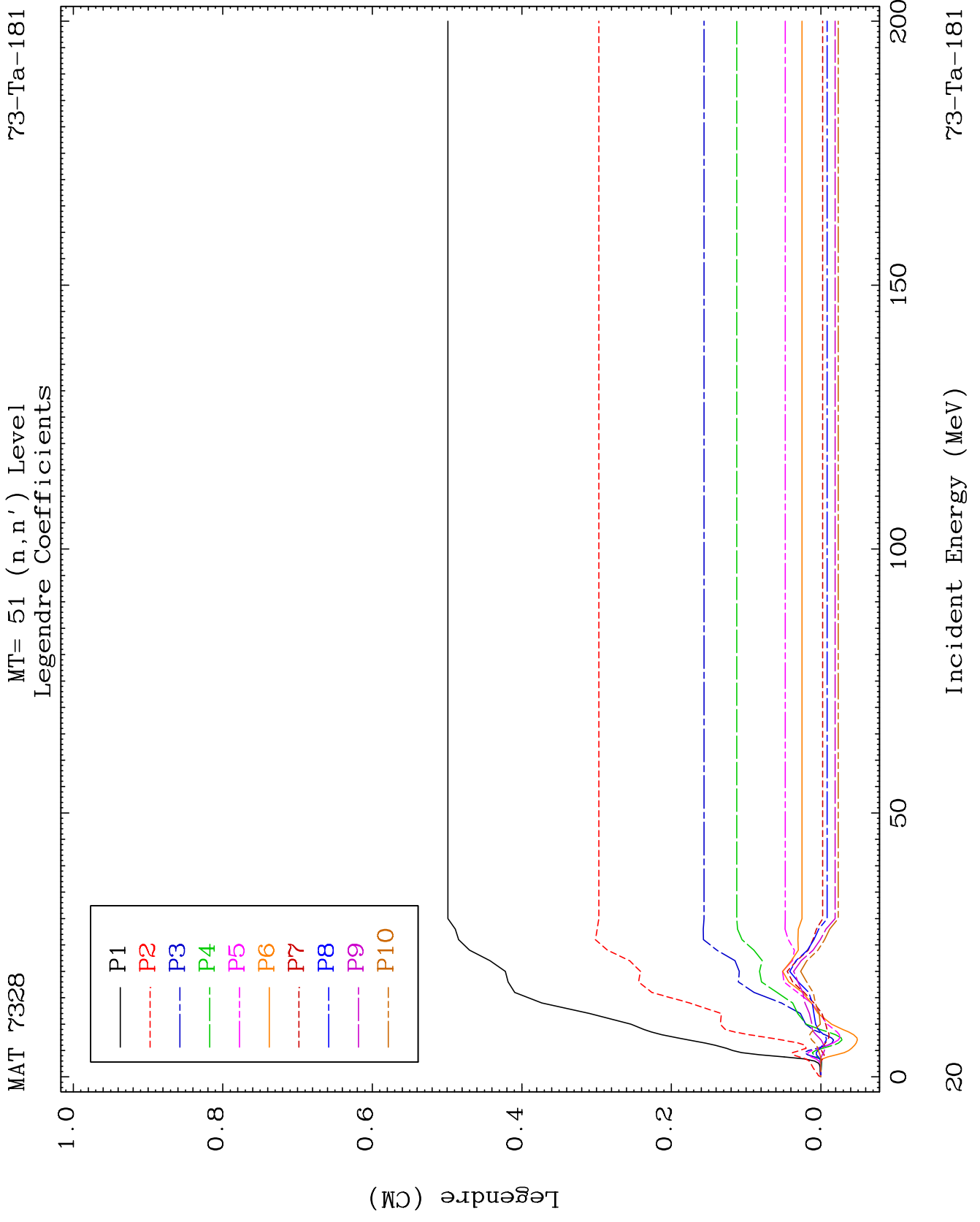
<sup>73</sup>Ta-181



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Incident Energy (MeV)

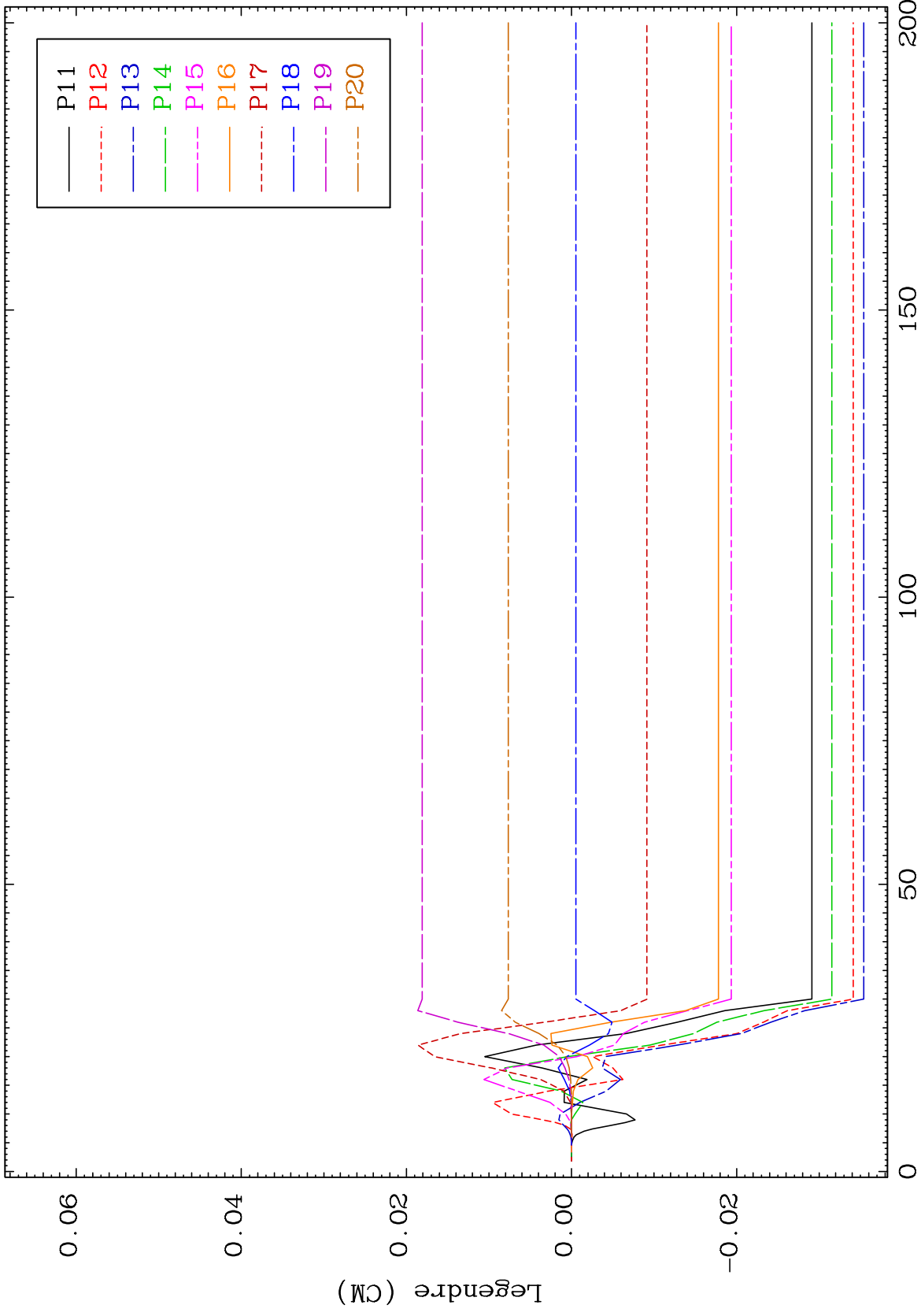
<sup>73</sup>Ta-181



MAT 7328

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

73-Ta-181



21

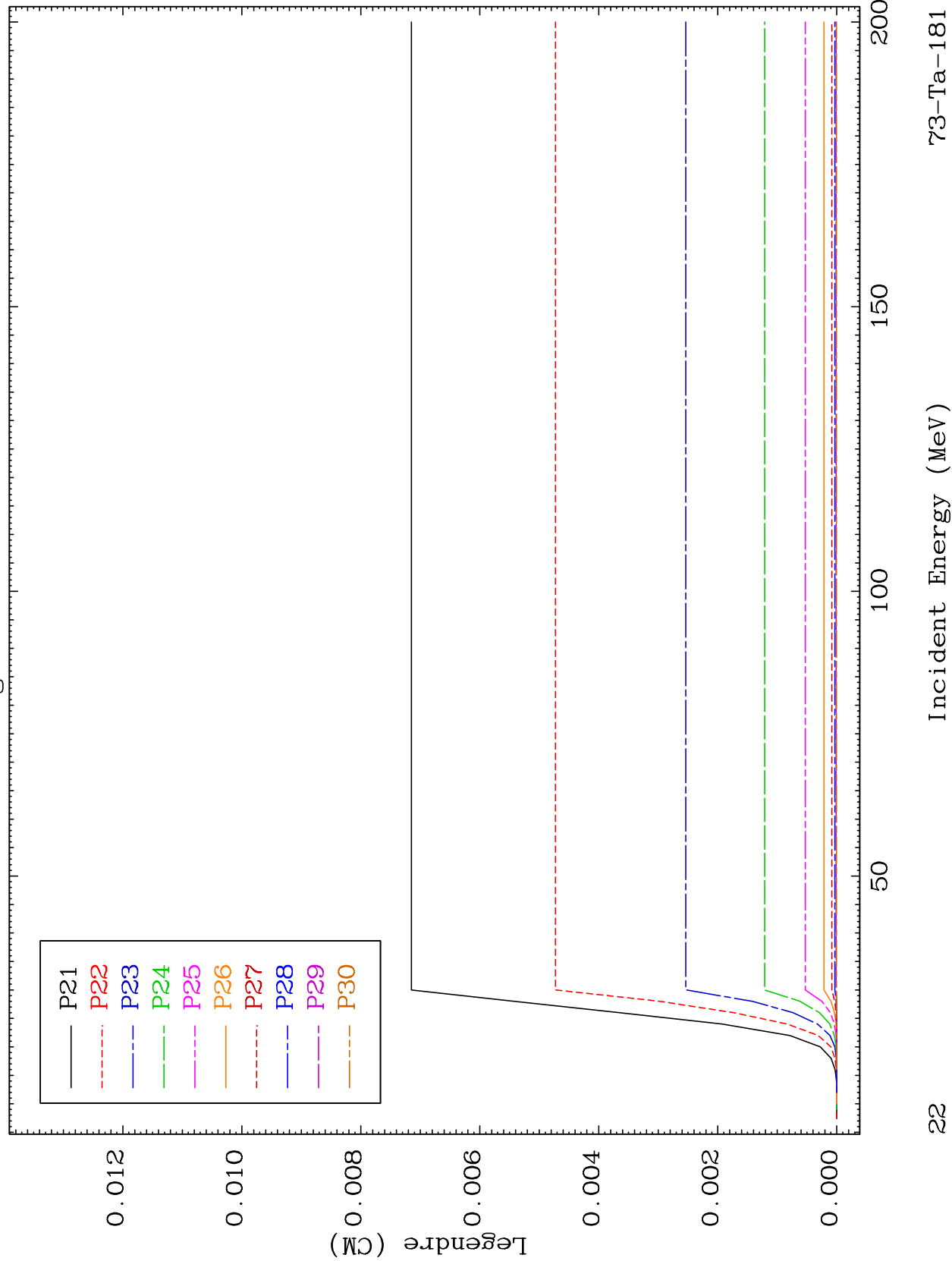
Incident Energy (MeV)

73-Ta-181

MAT 7328

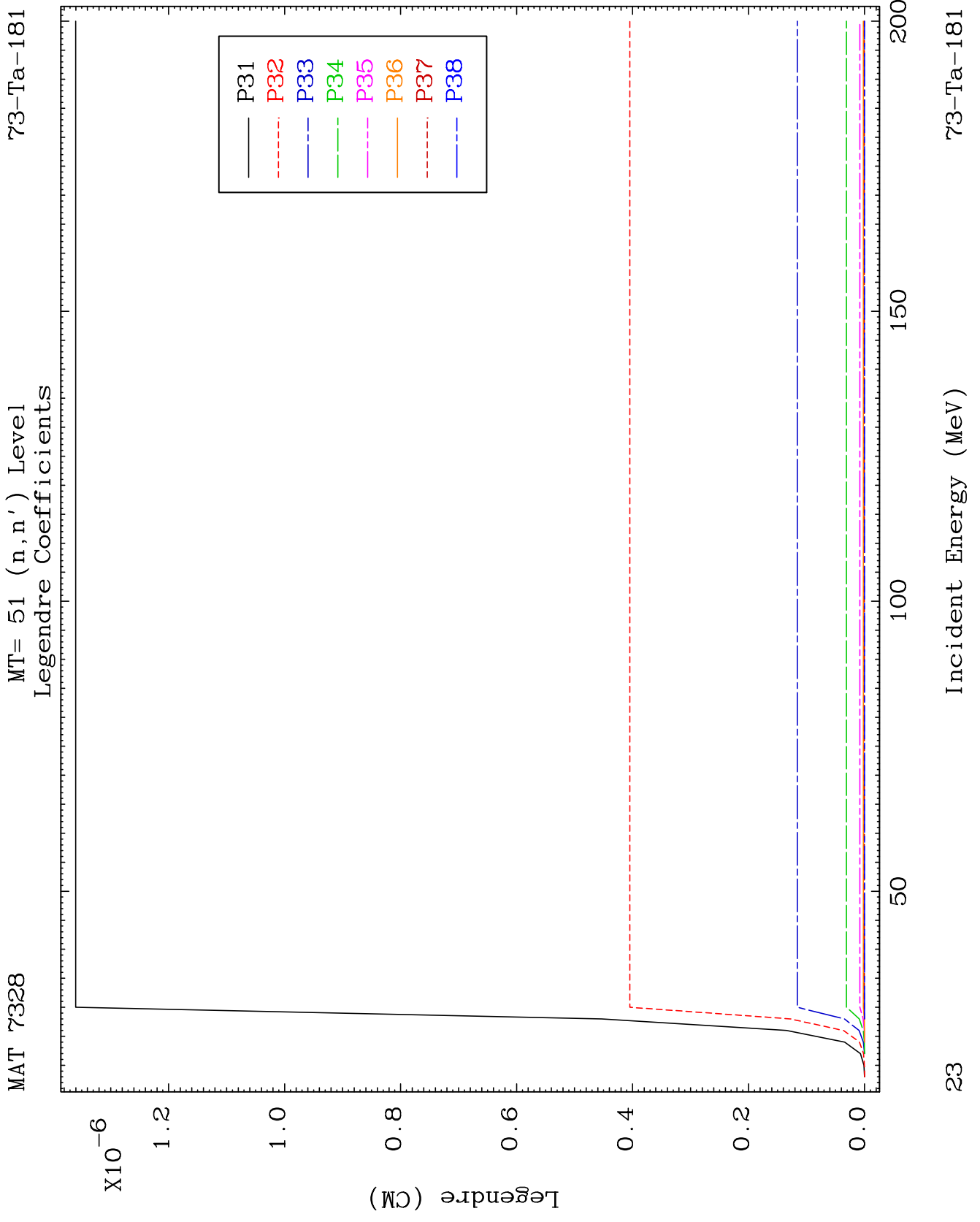
MT= 51 (n,n') Level  
Legendre Coefficients

73-Ta-181



22

73-Ta-181

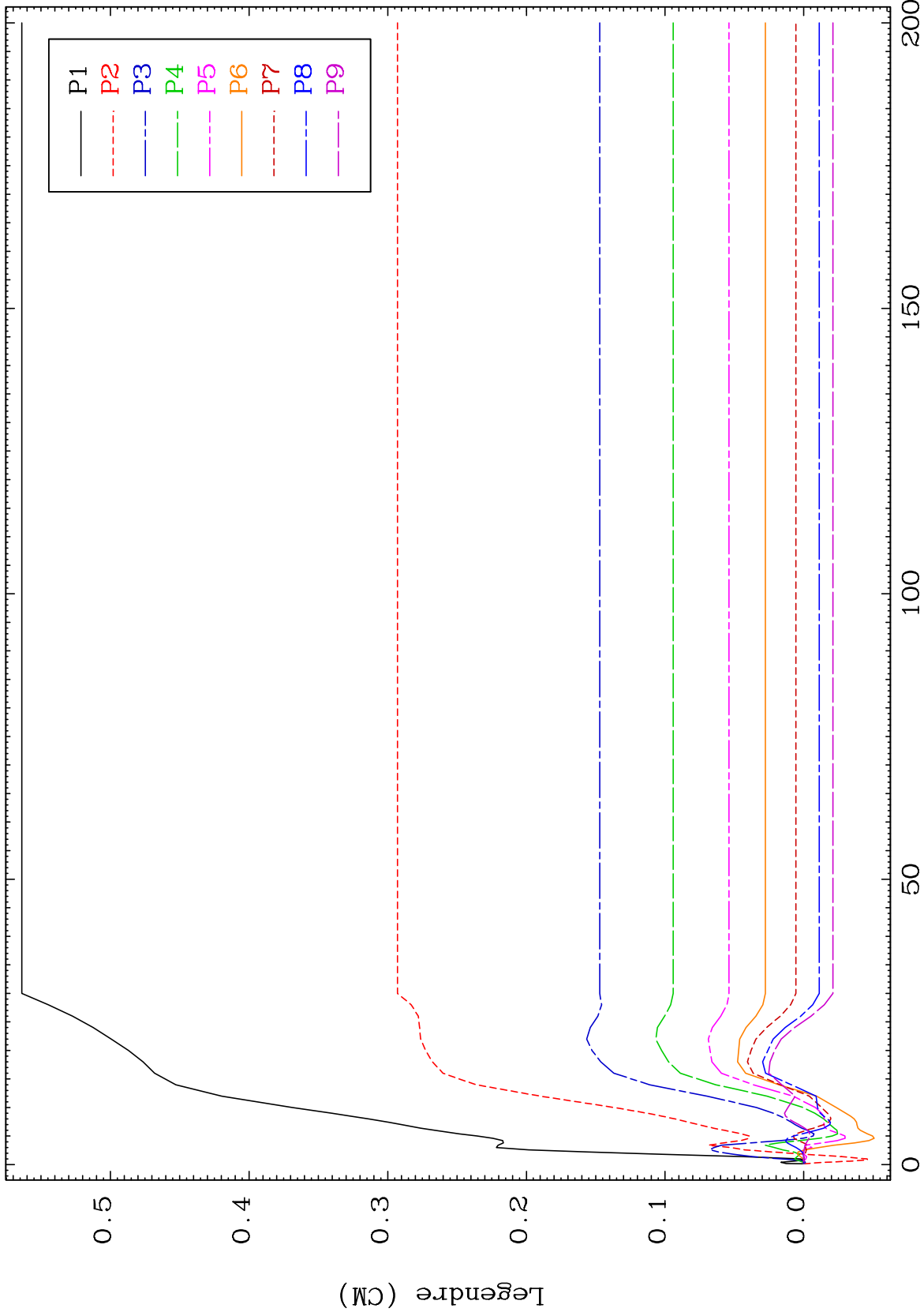




MAT 7328

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

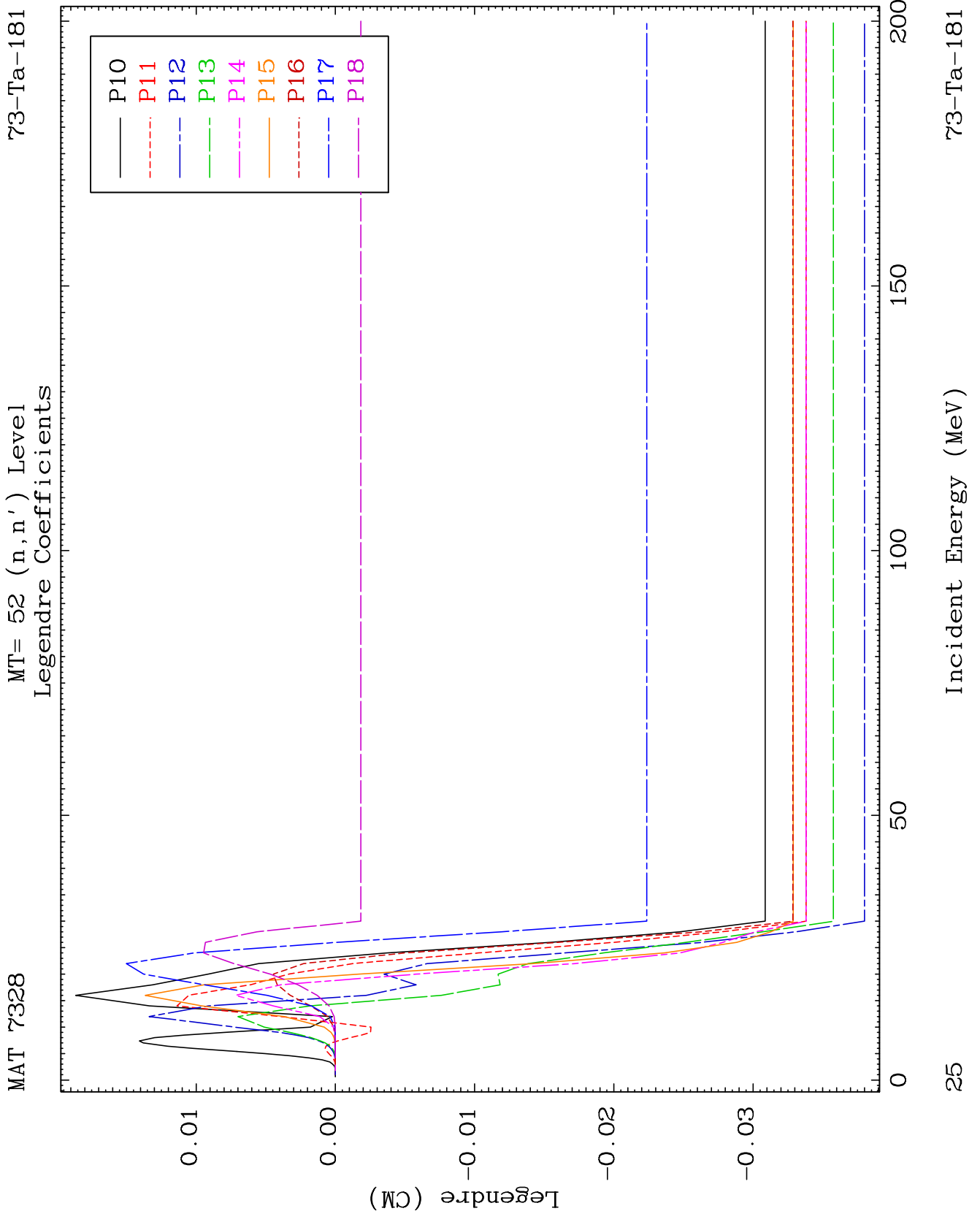
73-Ta-181



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Incident Energy (MeV)

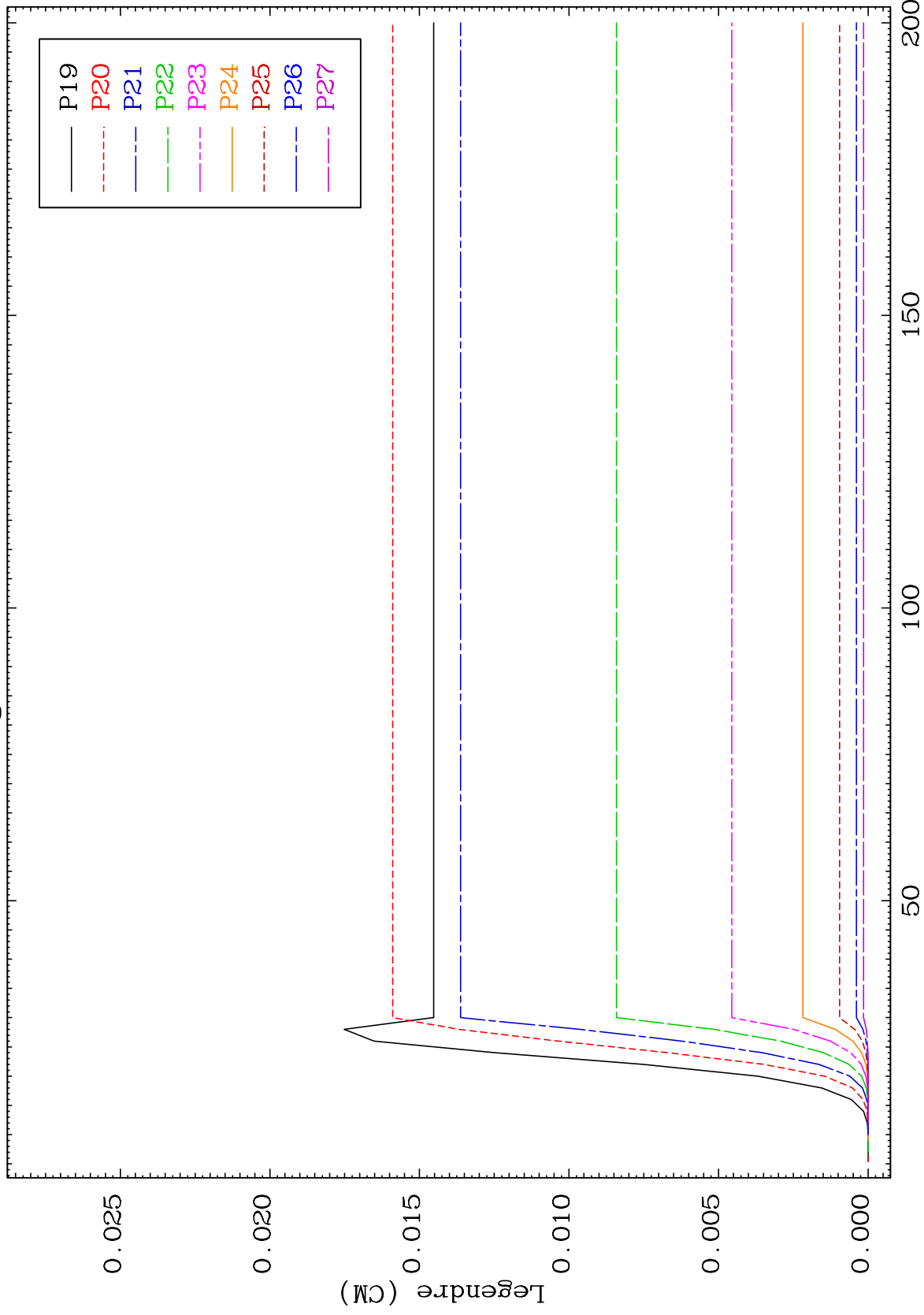
73-Ta-181



MAT 7328

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

73-Ta-181



26

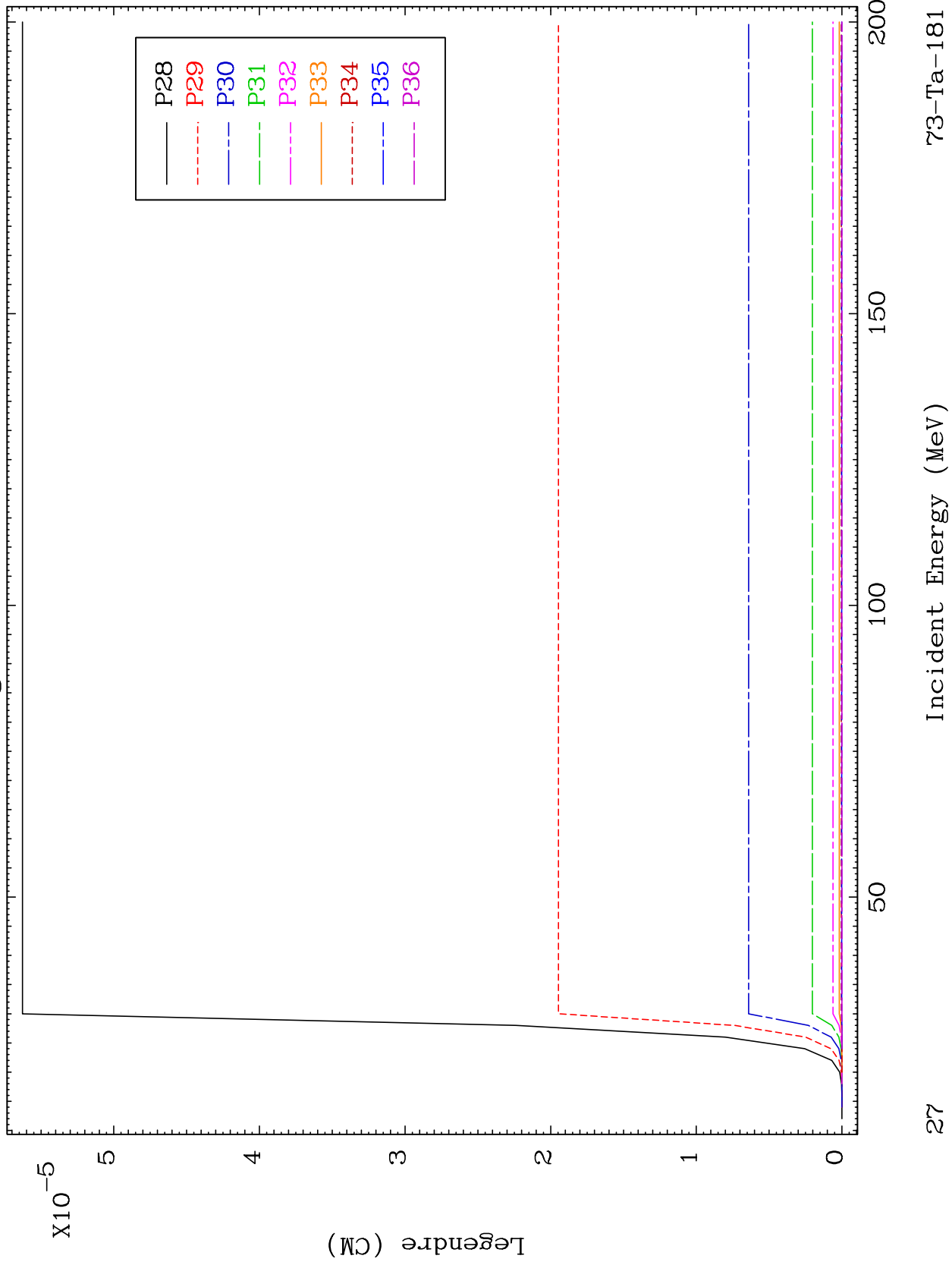
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181

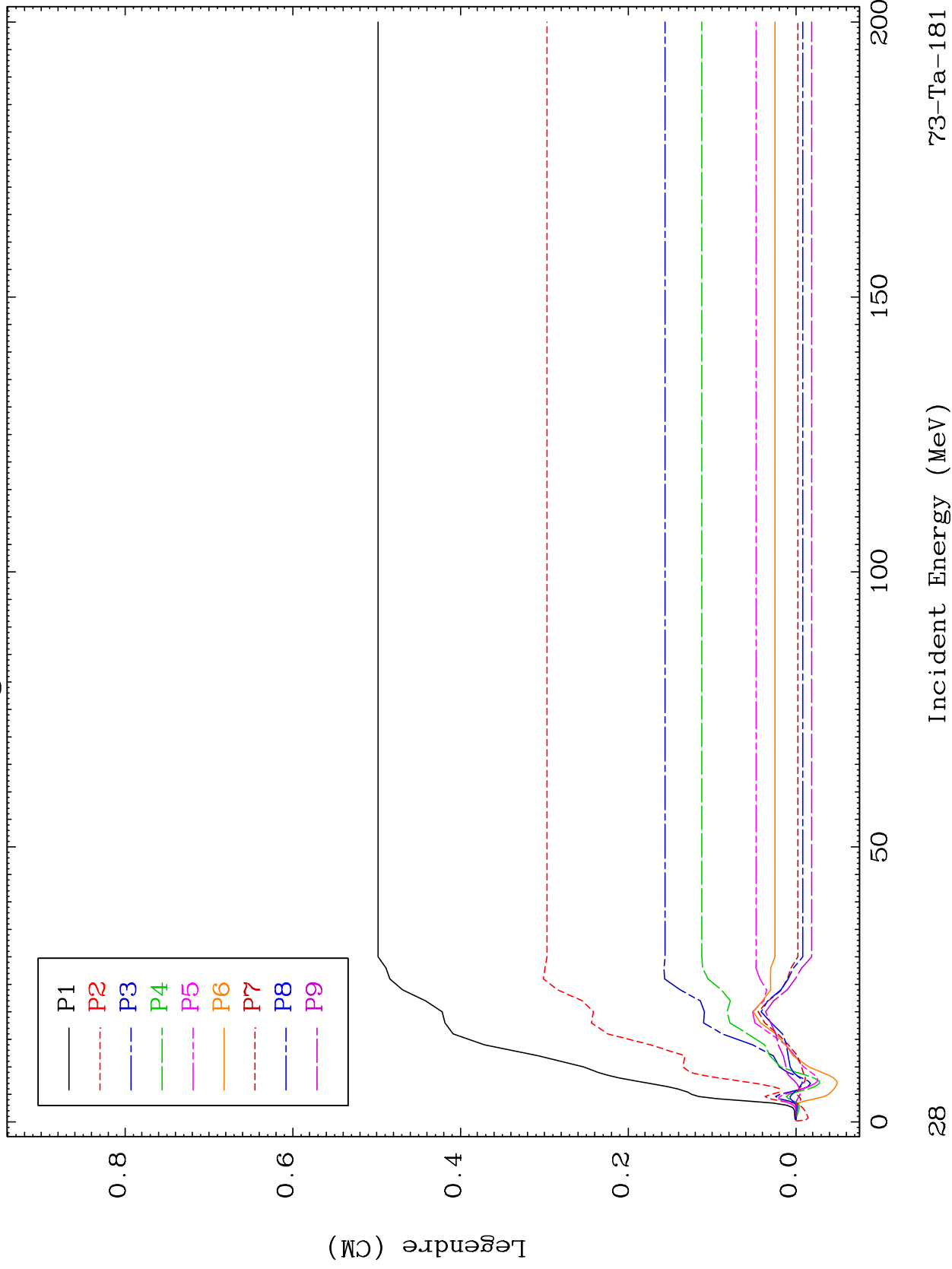


27

MAT 7328

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

73-Ta-181



73-Ta-181

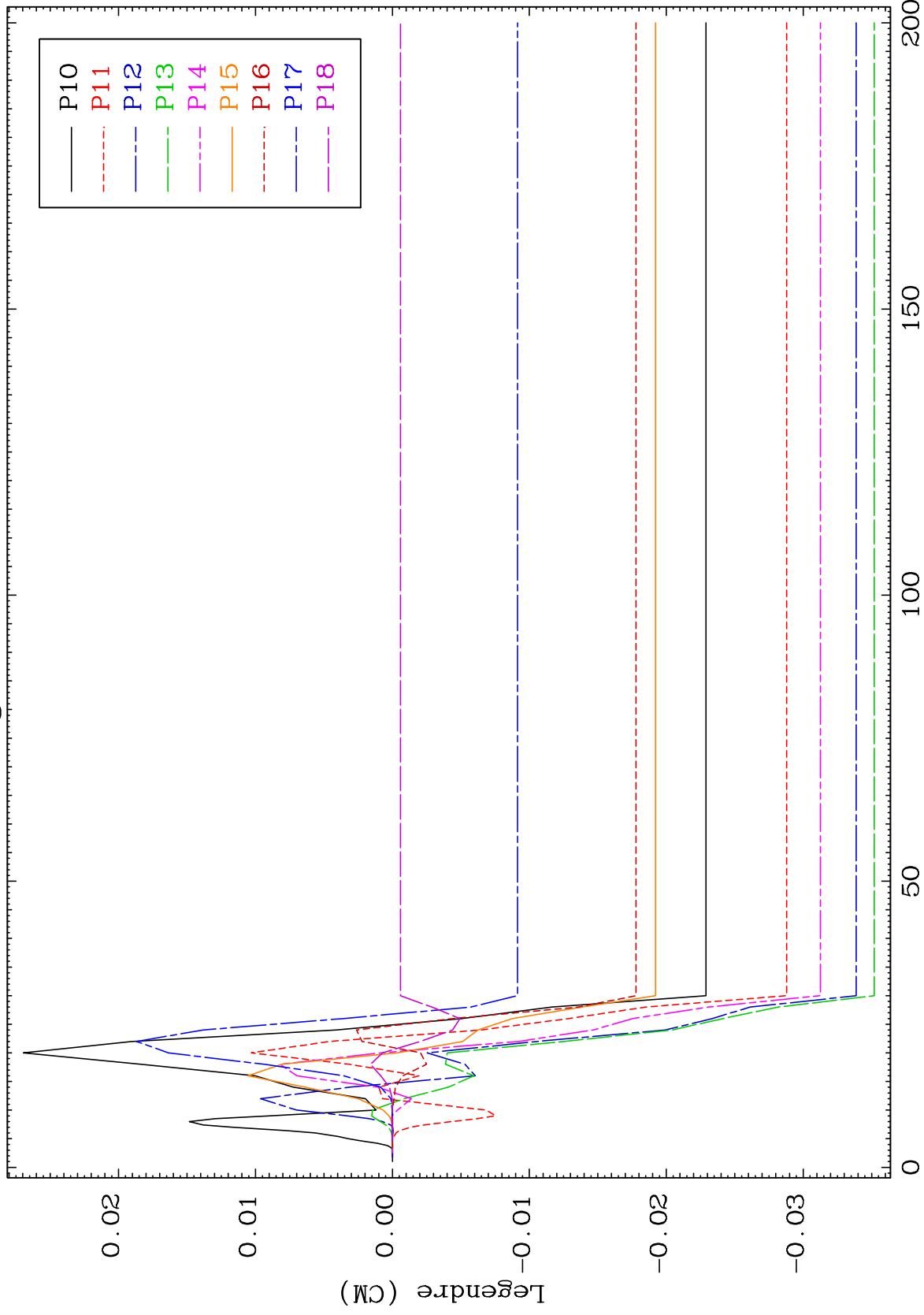
Incident Energy (MeV)

28

MAT 7328

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

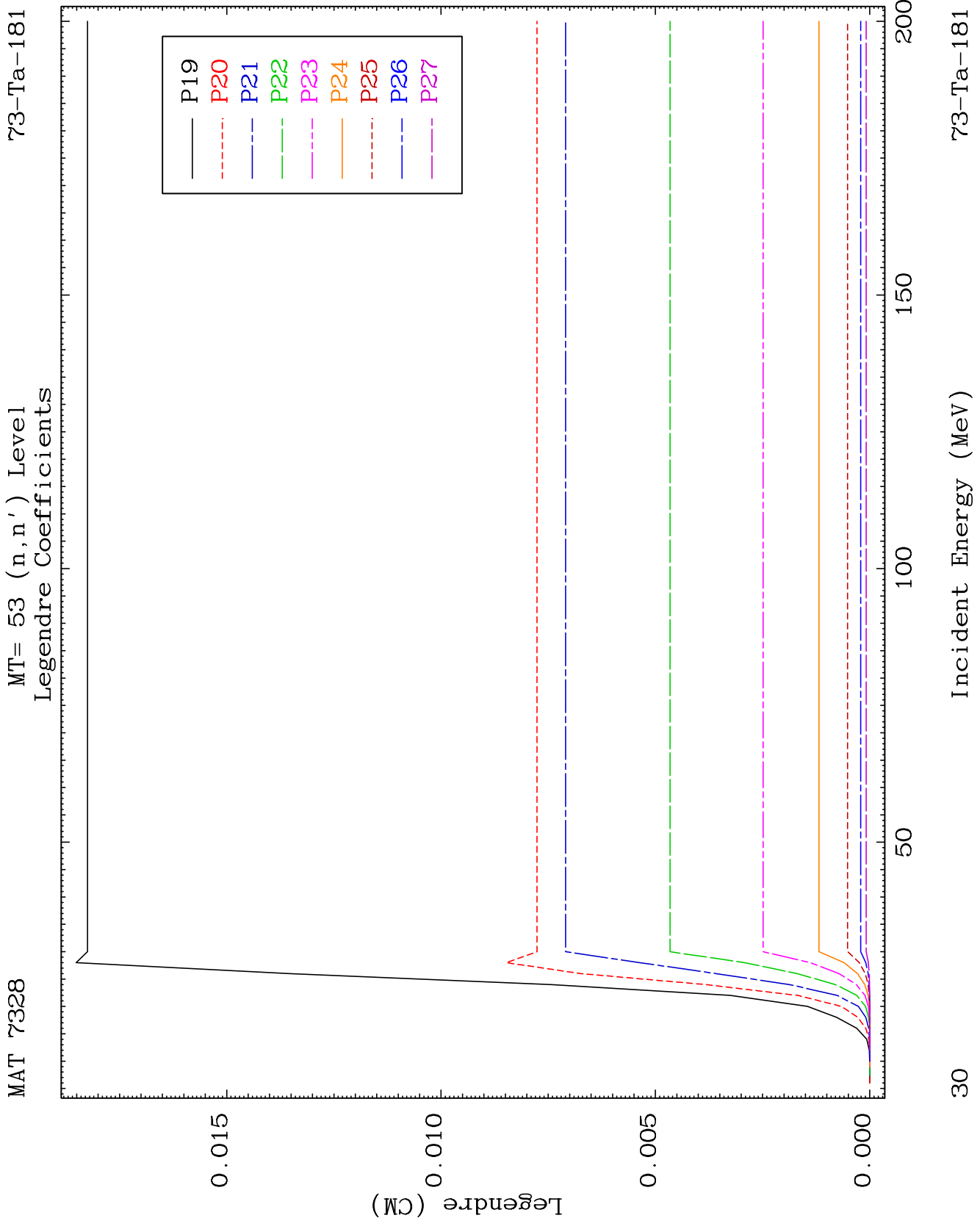
73-Ta-181



29

Incident Energy (MeV)

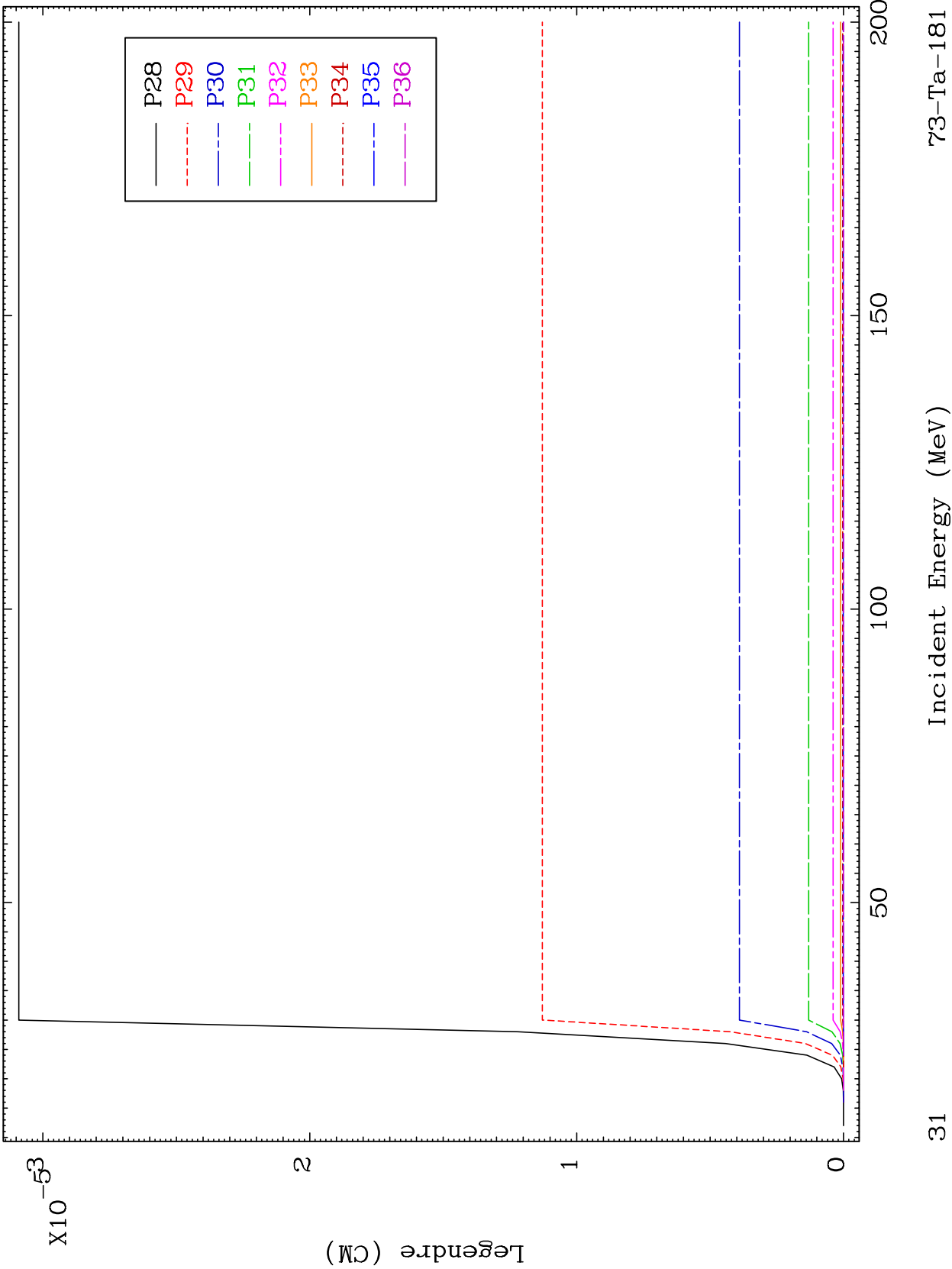
73-Ta-181



MAT 7328

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

73-Ta-181



31

Incident Energy (MeV)

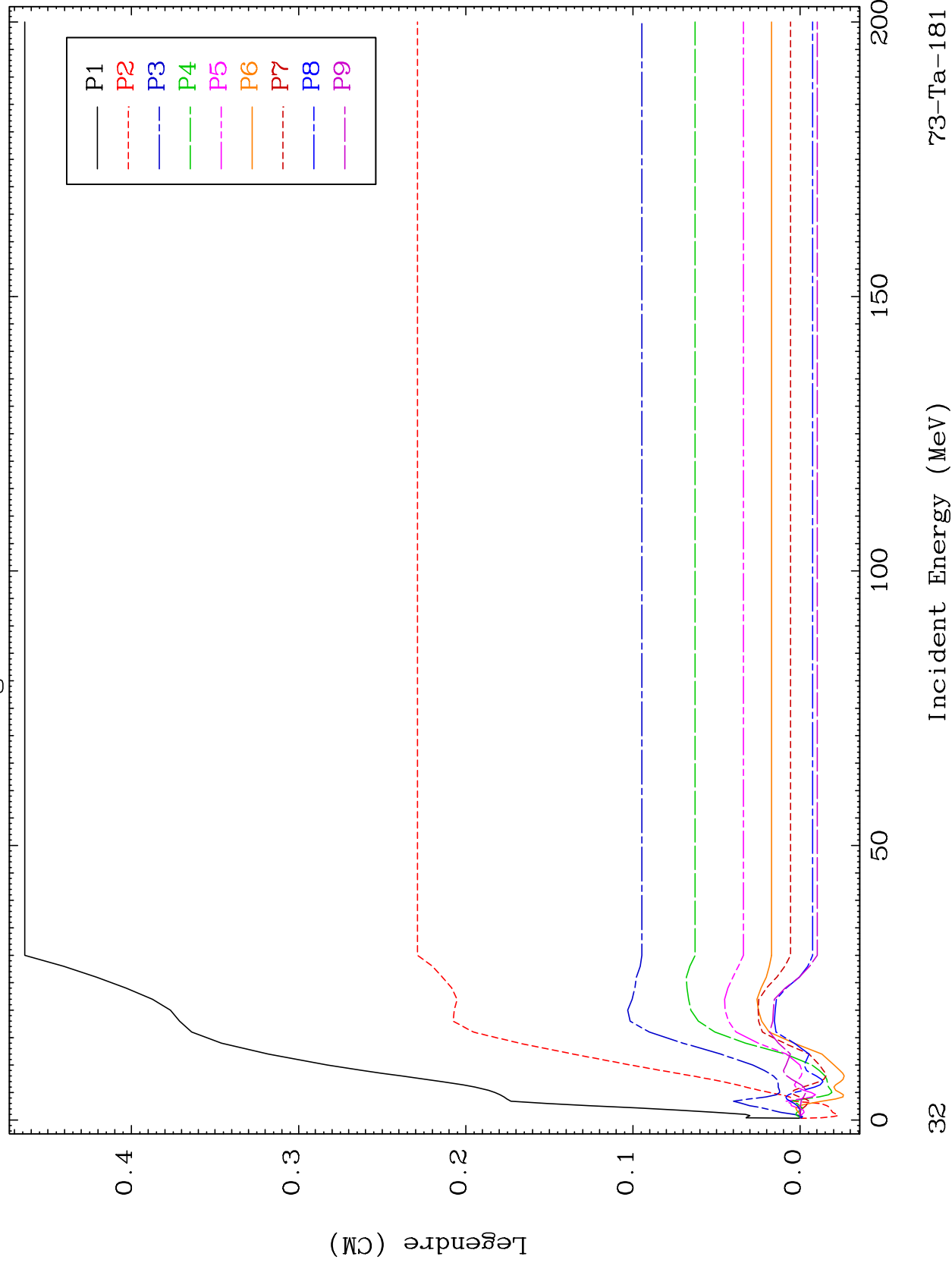
73-Ta-181



MAT 7328

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

<sup>73</sup>Ta-181



<sup>73</sup>Ta-181

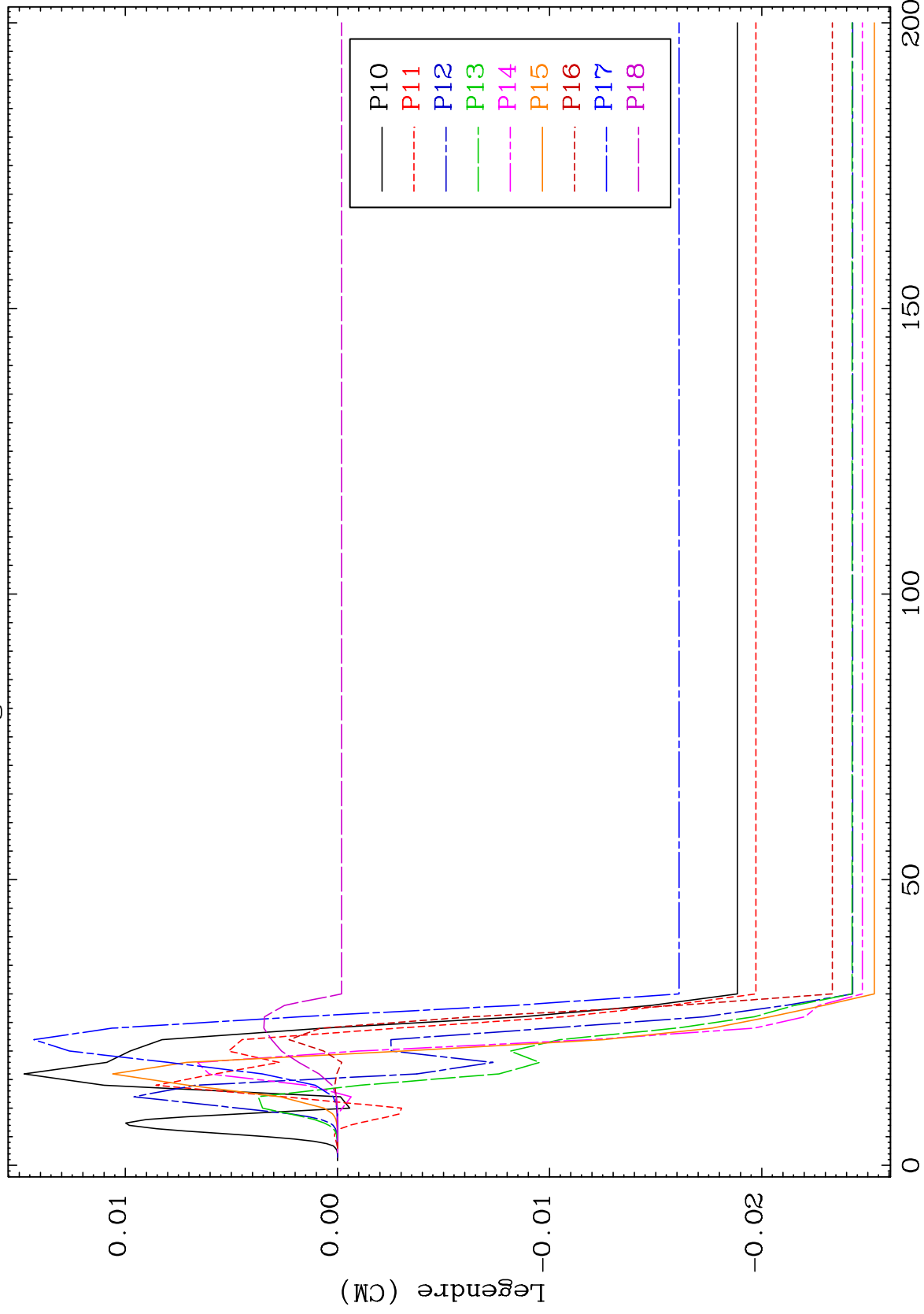
Incident Energy (MeV)

32

MAT 7328

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

73-Ta-181



33

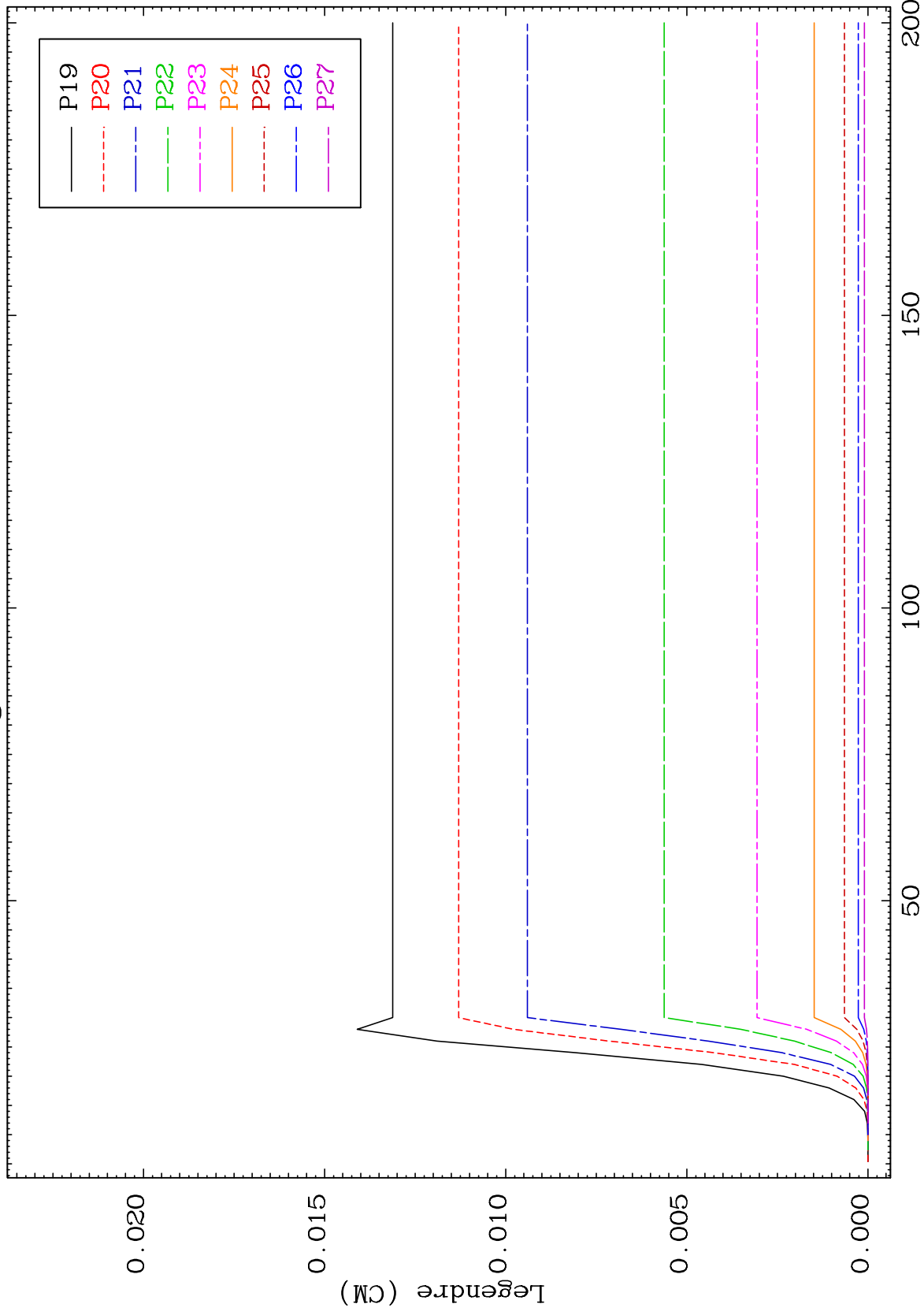
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



34

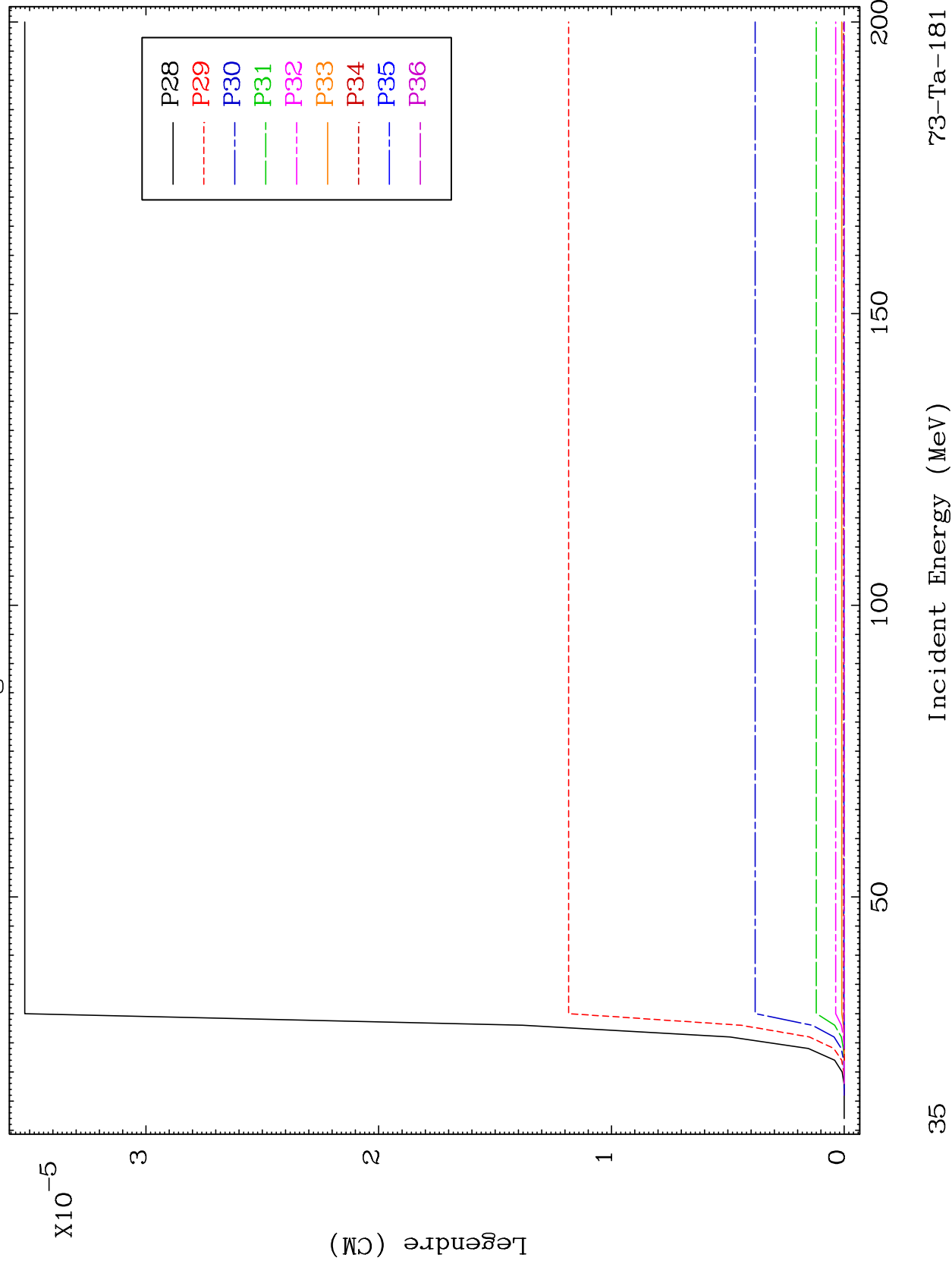
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

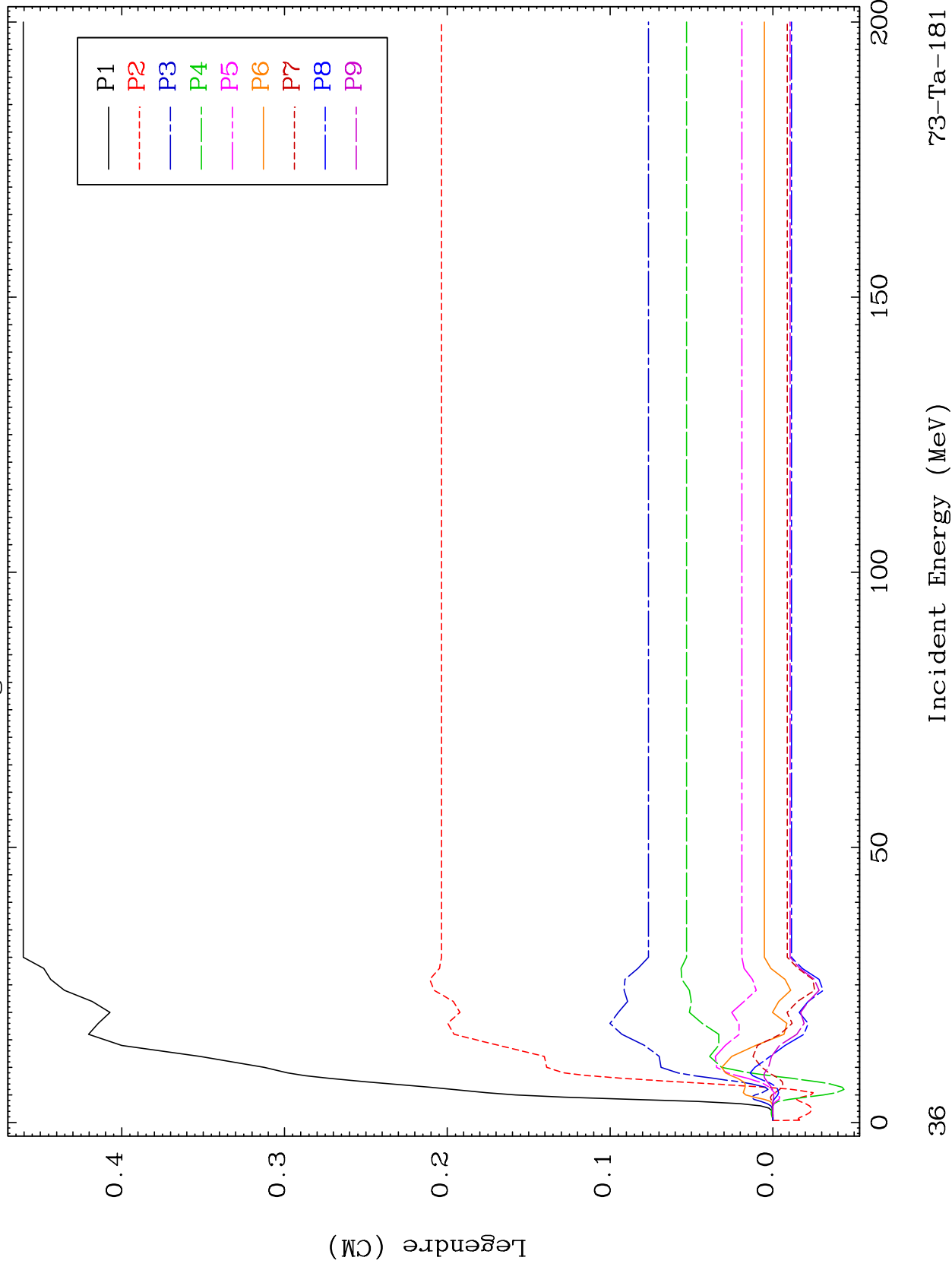
73-Ta-181



MAT 7328

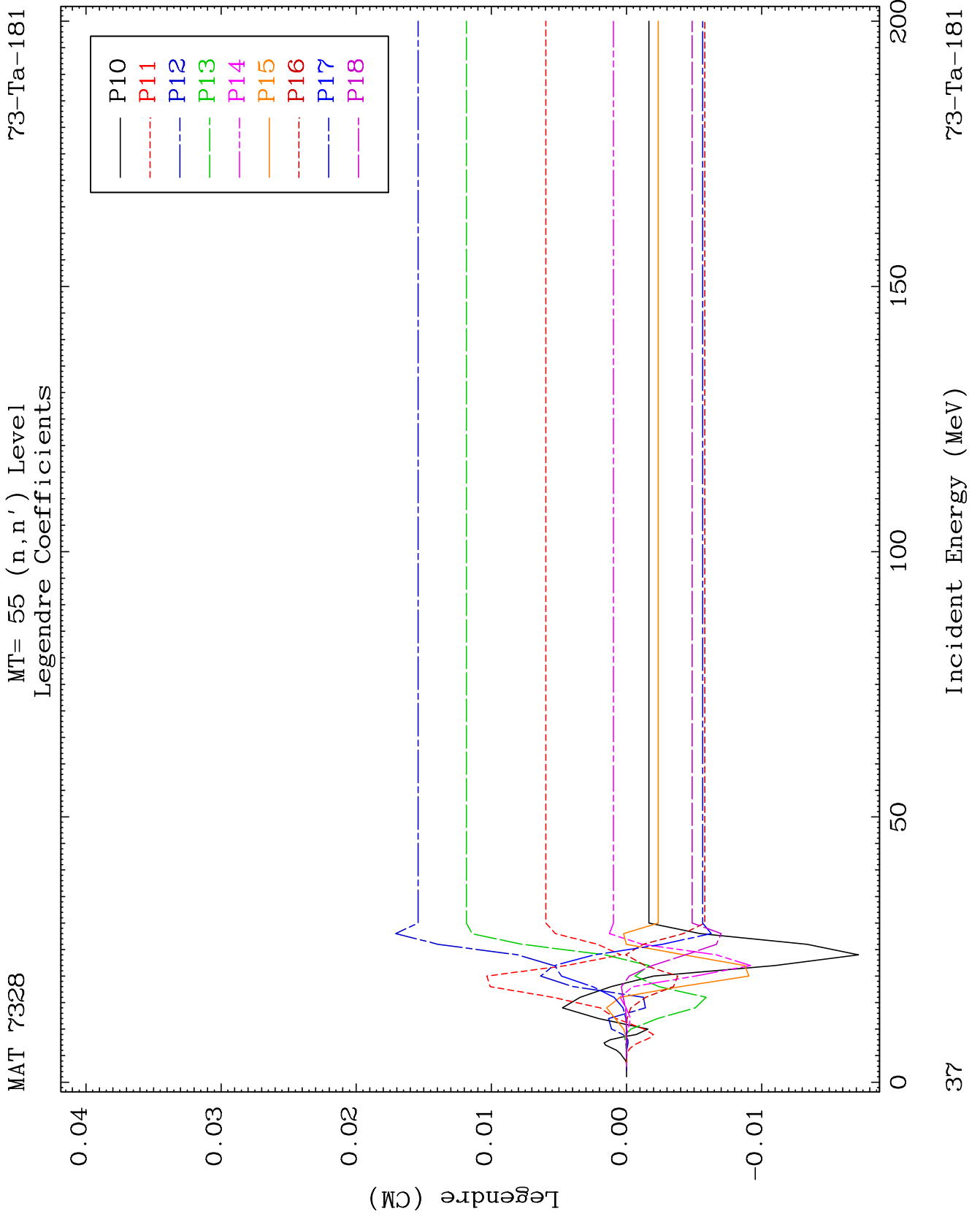
MT= 55 (n,n') Level  
Legendre Coefficients

73-Ta-181



36

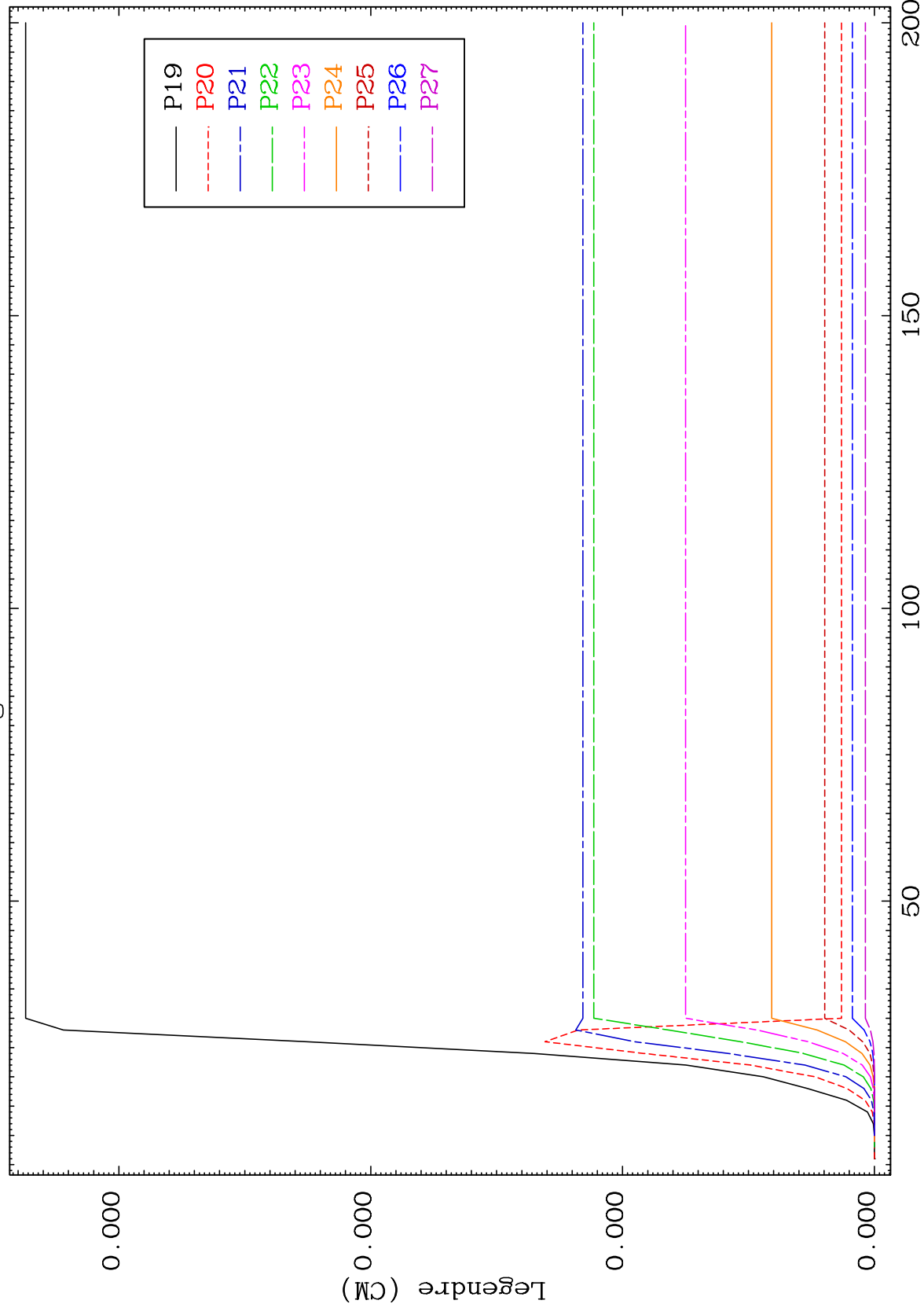
73-Ta-181



MAT 7328

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

73-Ta-181



38

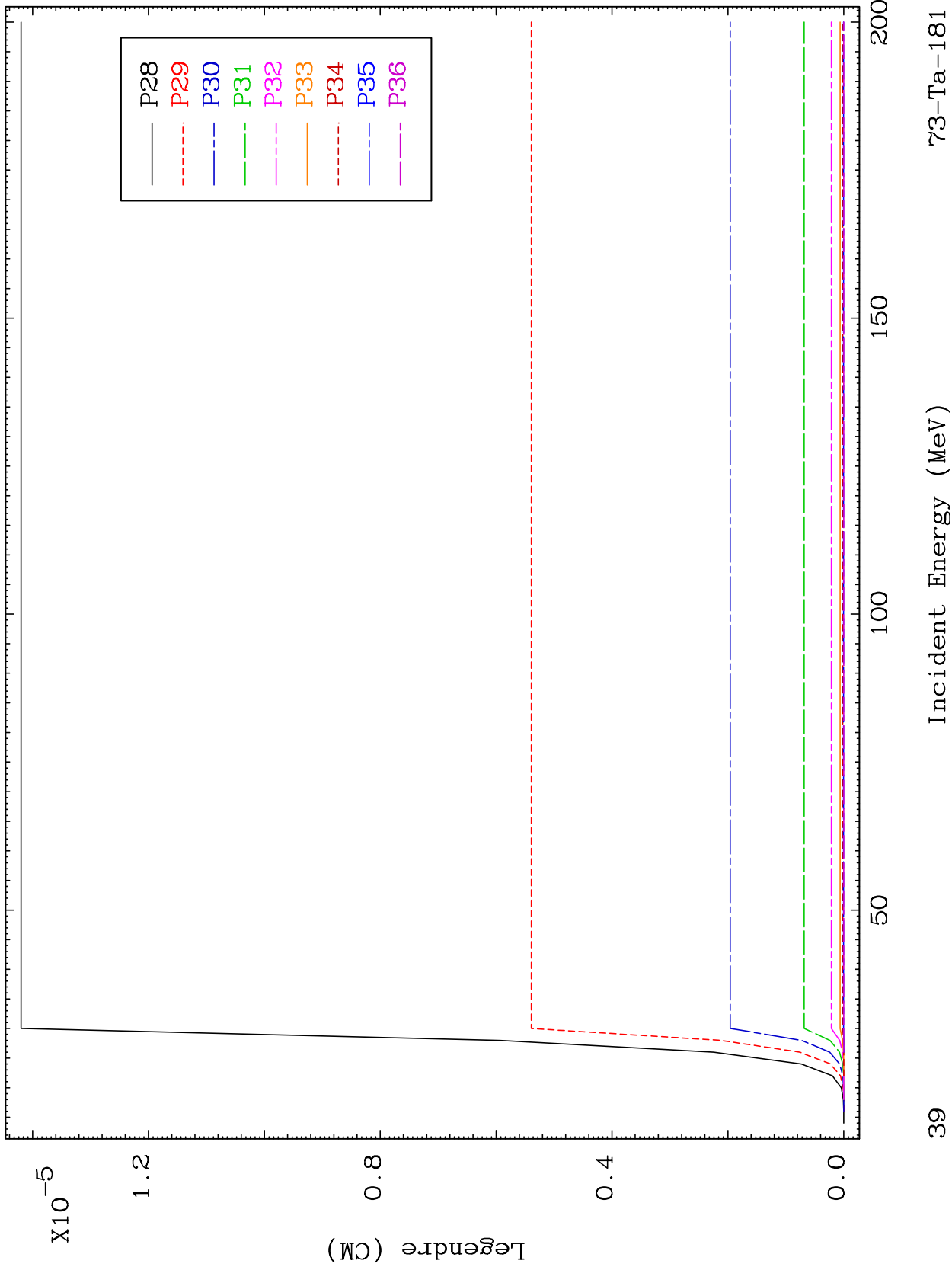
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



39

Incident Energy (MeV)

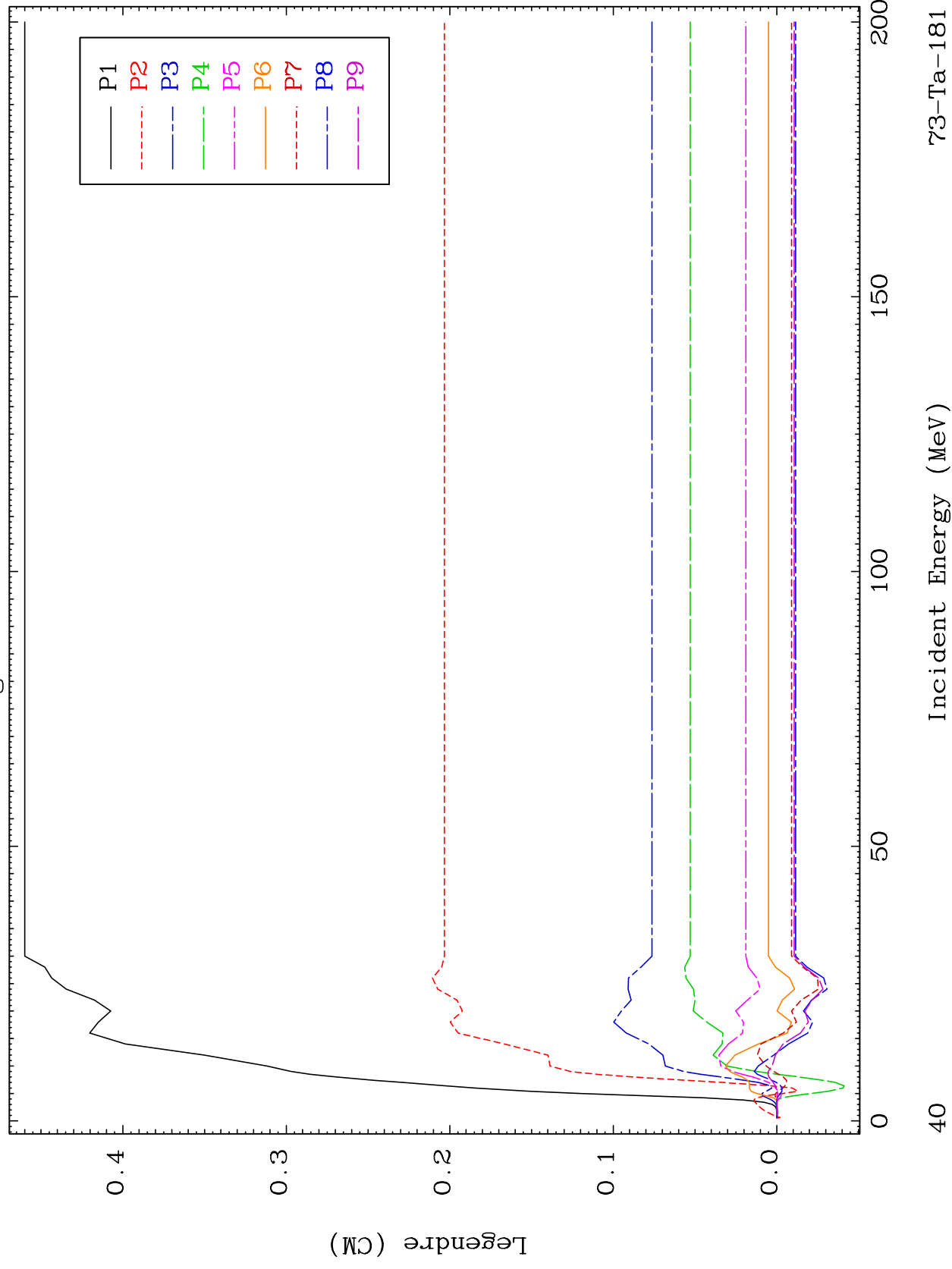
73-Ta-181



MAT 7328

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

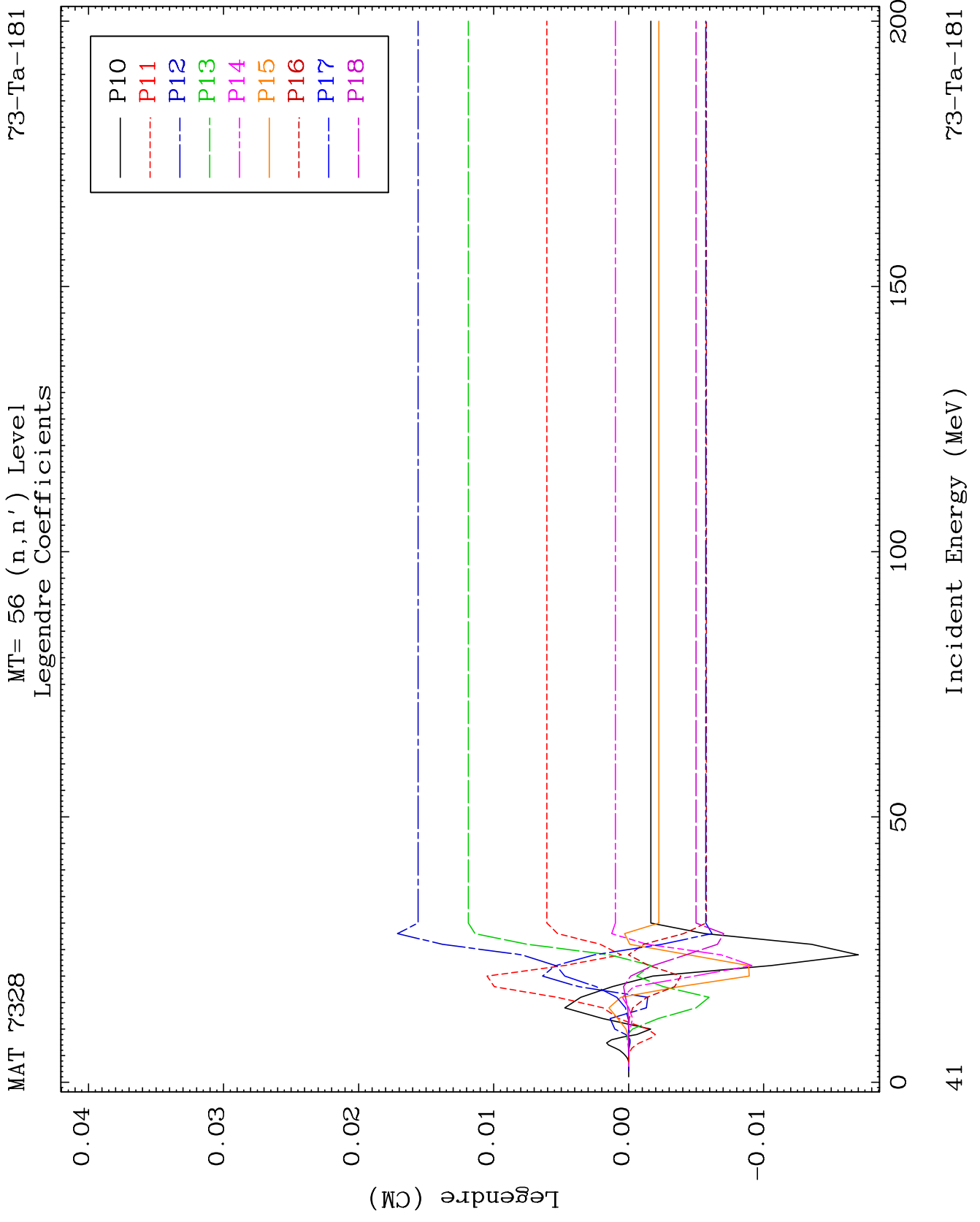
73-Ta-181



73-Ta-181

Incident Energy (MeV)

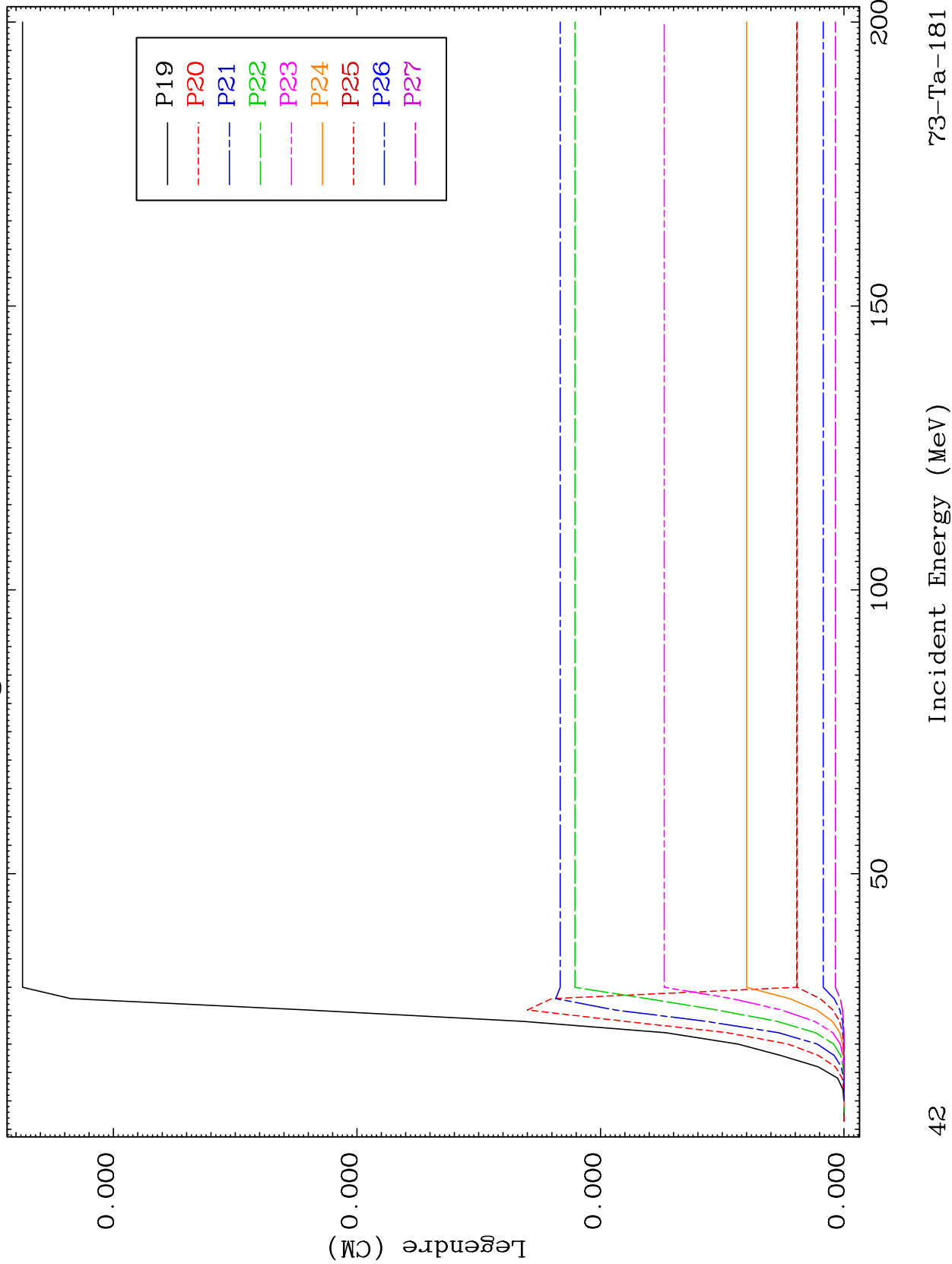
40



MAT 7328

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

73-Ta-181



42

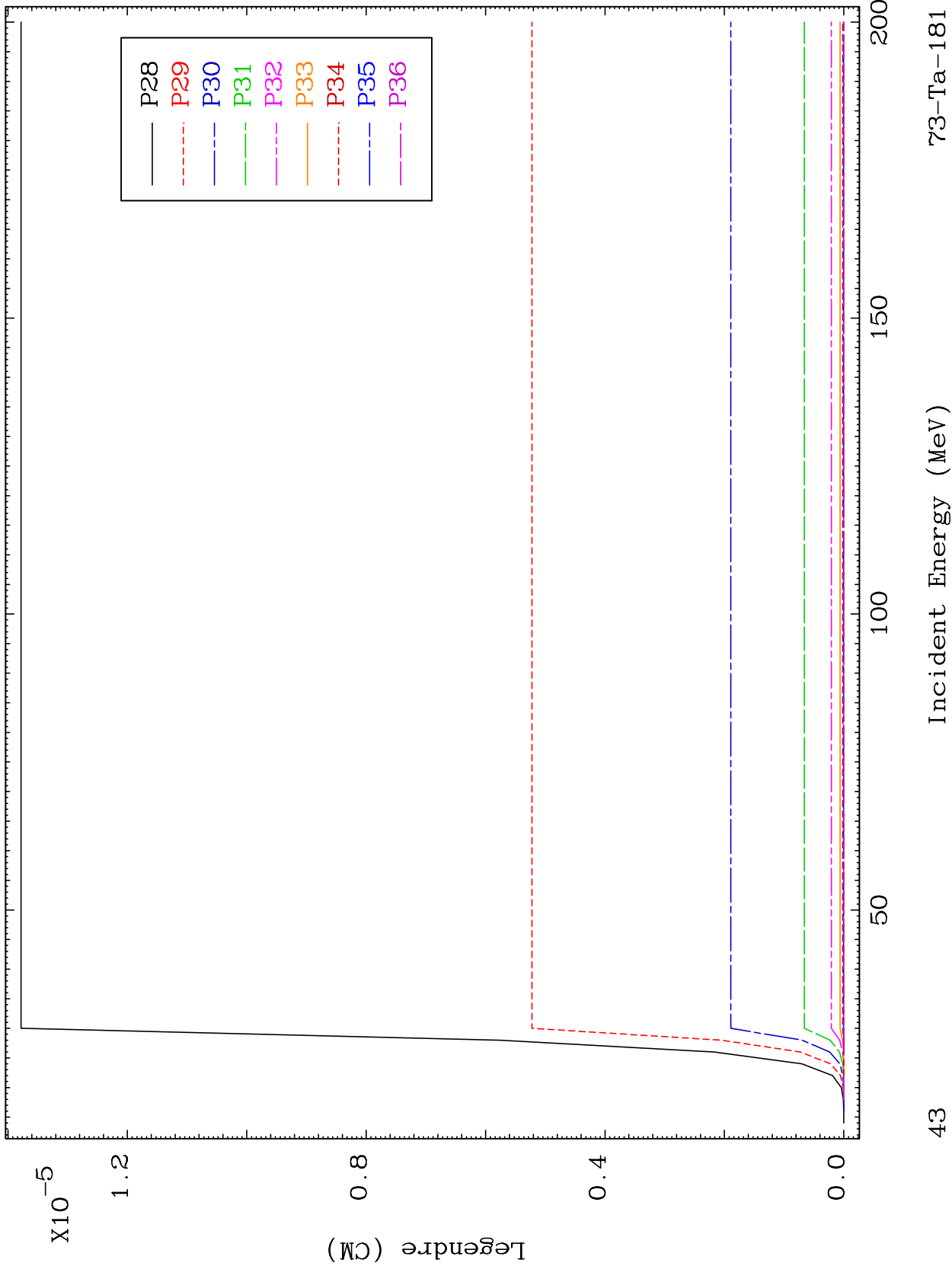
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

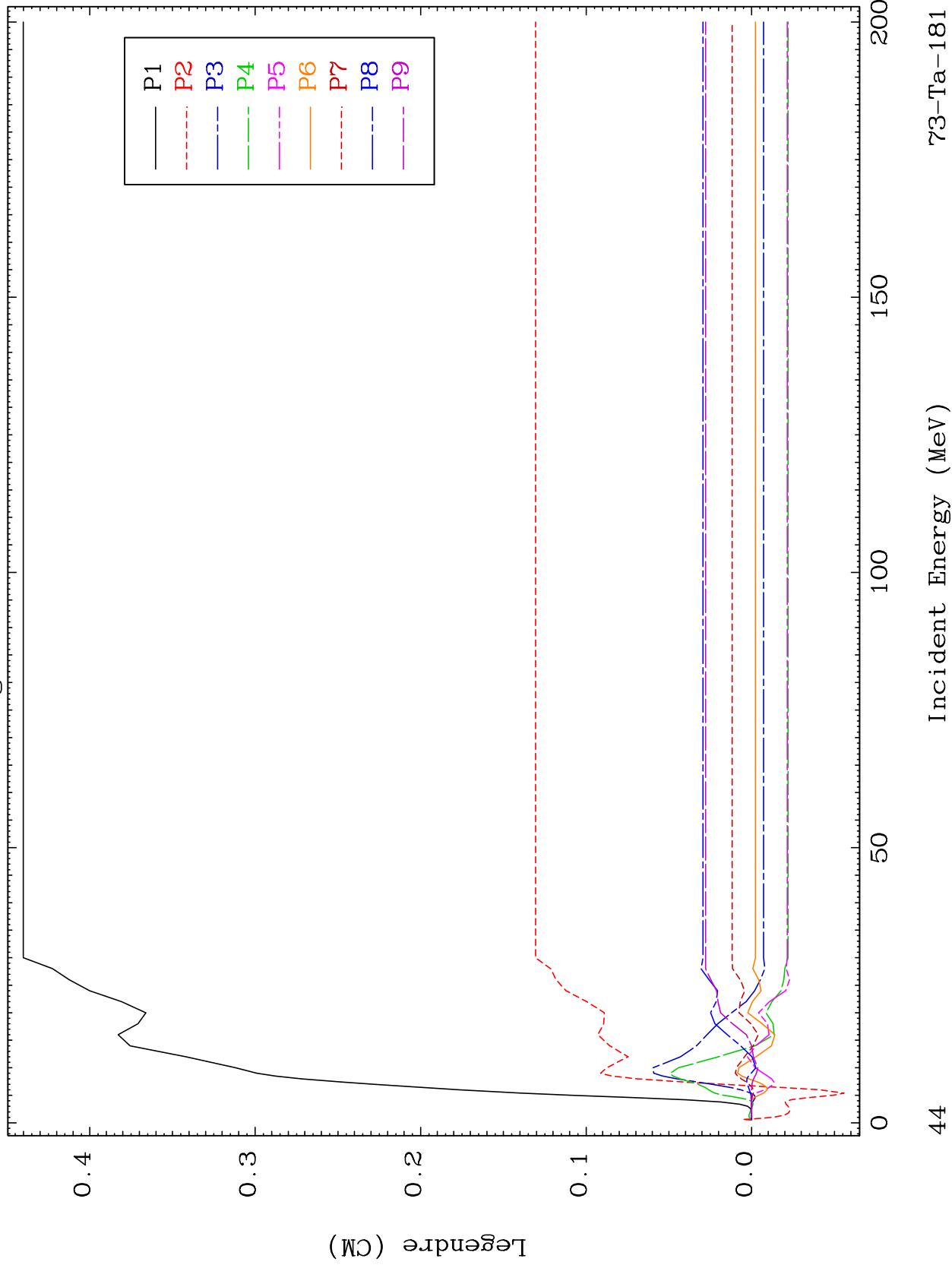
73-Ta-181



MAT 7328

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

73-Ta-181

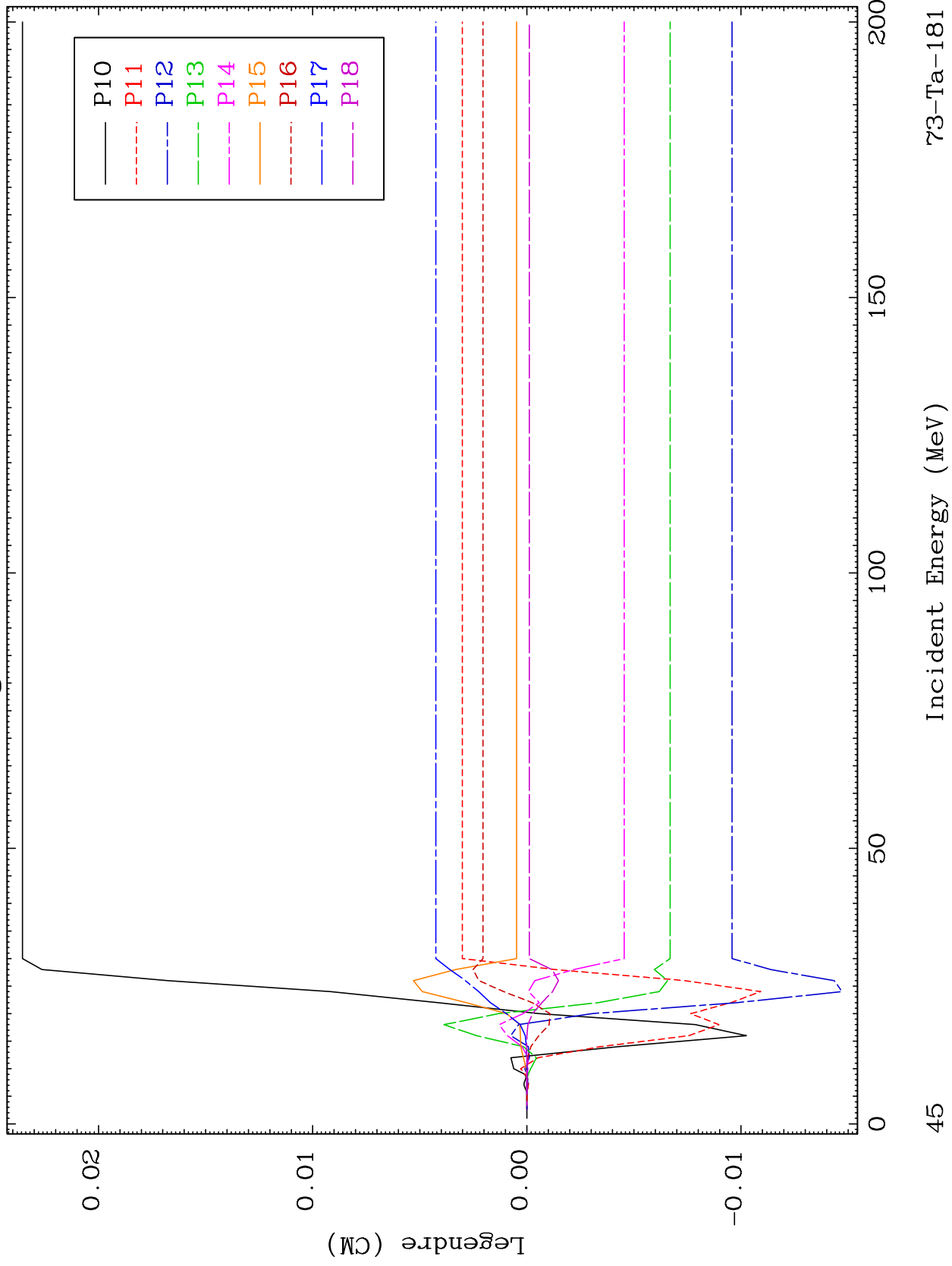


44

MAT 7328

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

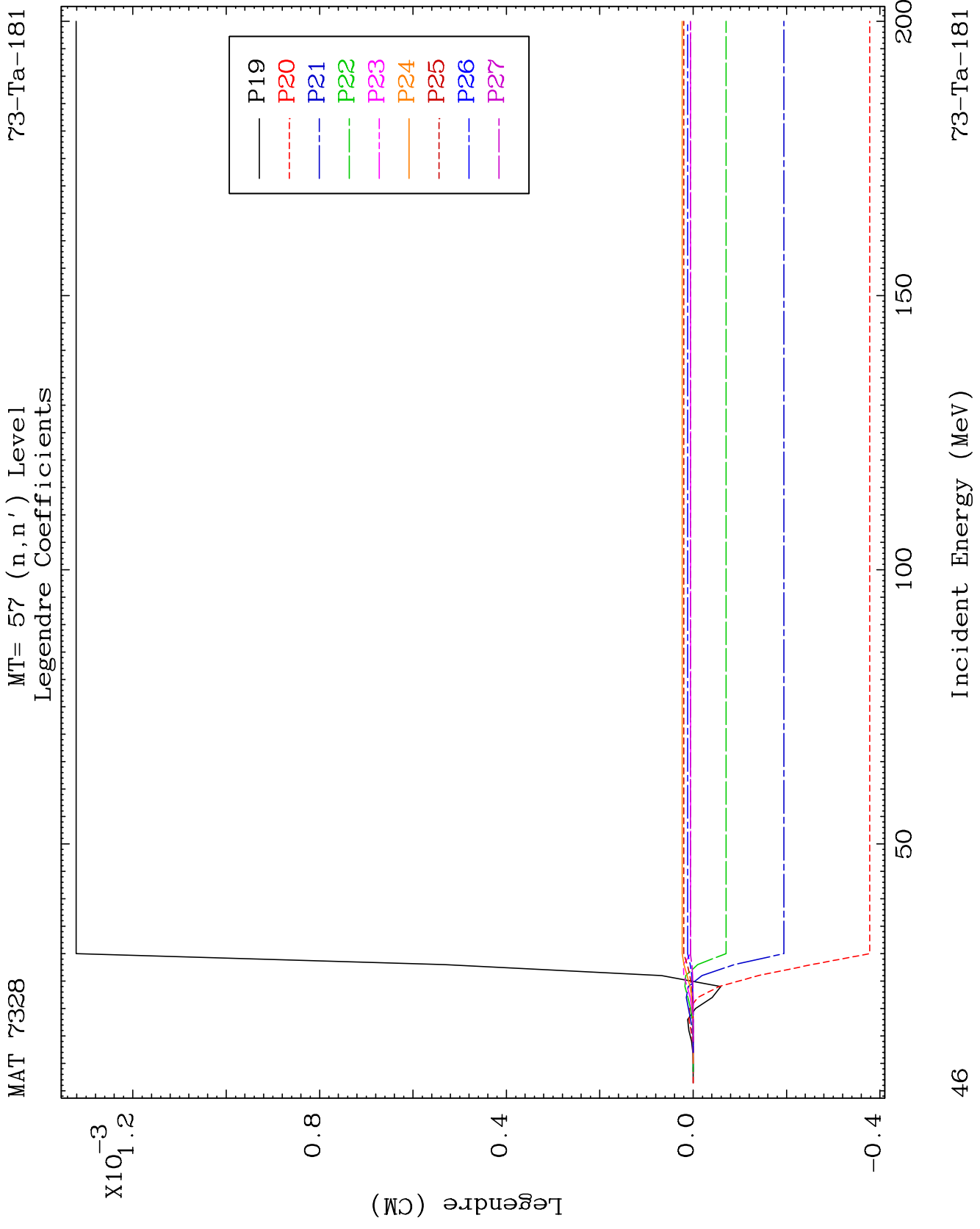
73-Ta-181



73-Ta-181

Incident Energy (MeV)

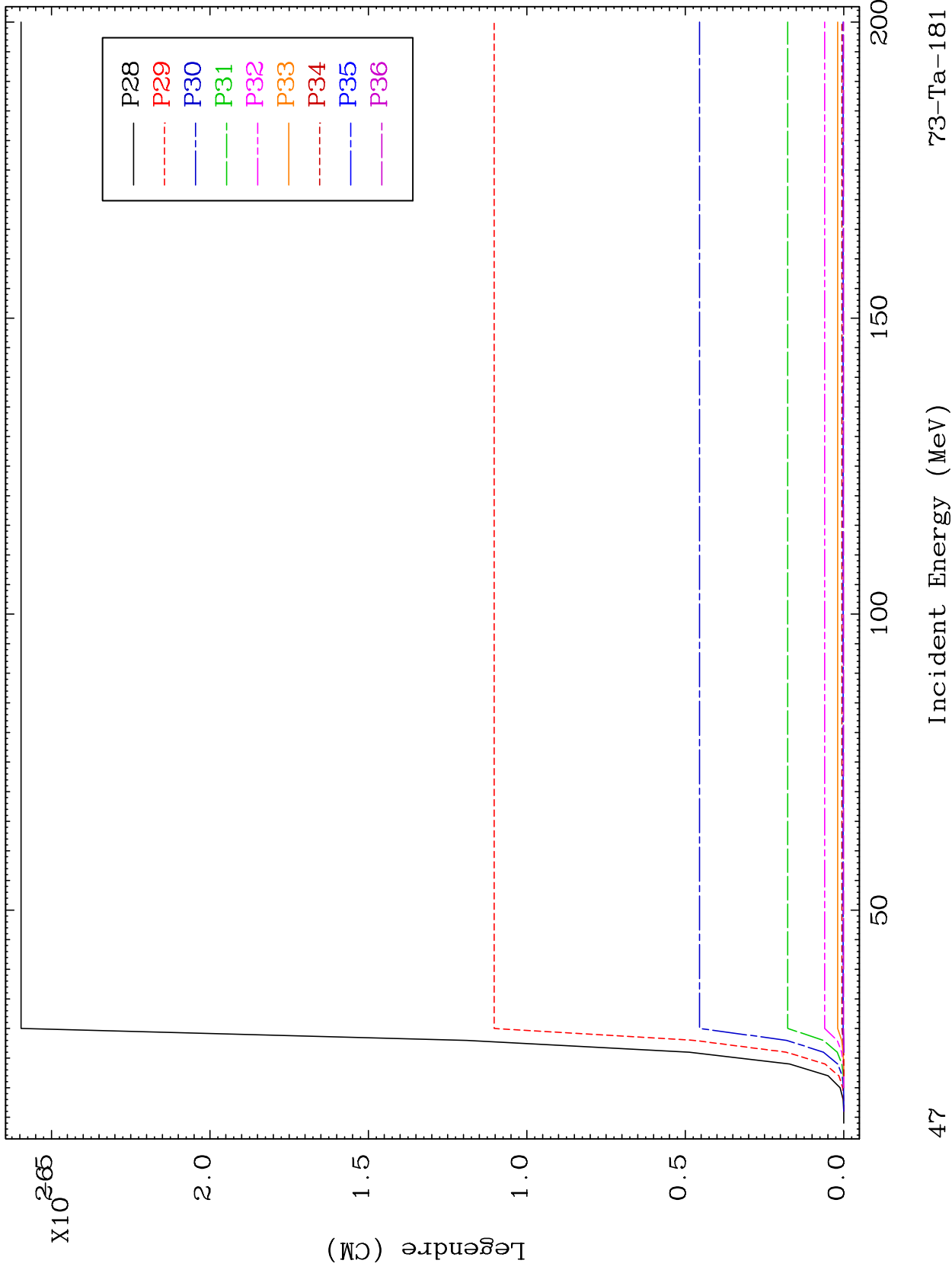
45



MAT 7328

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

73-Ta-181



47

Incident Energy (MeV)

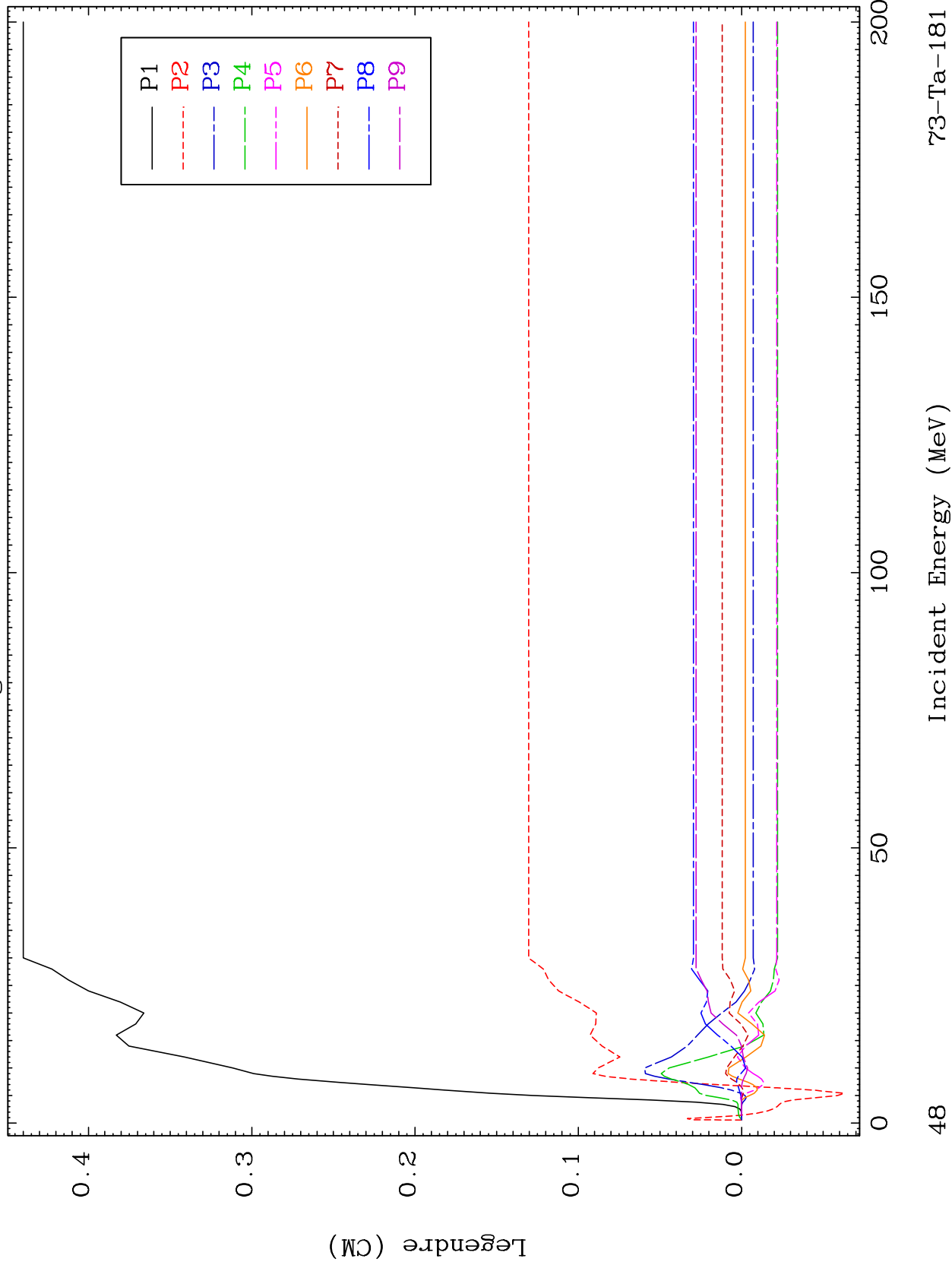
73-Ta-181



MAT 7328

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

73-Ta-181



73-Ta-181

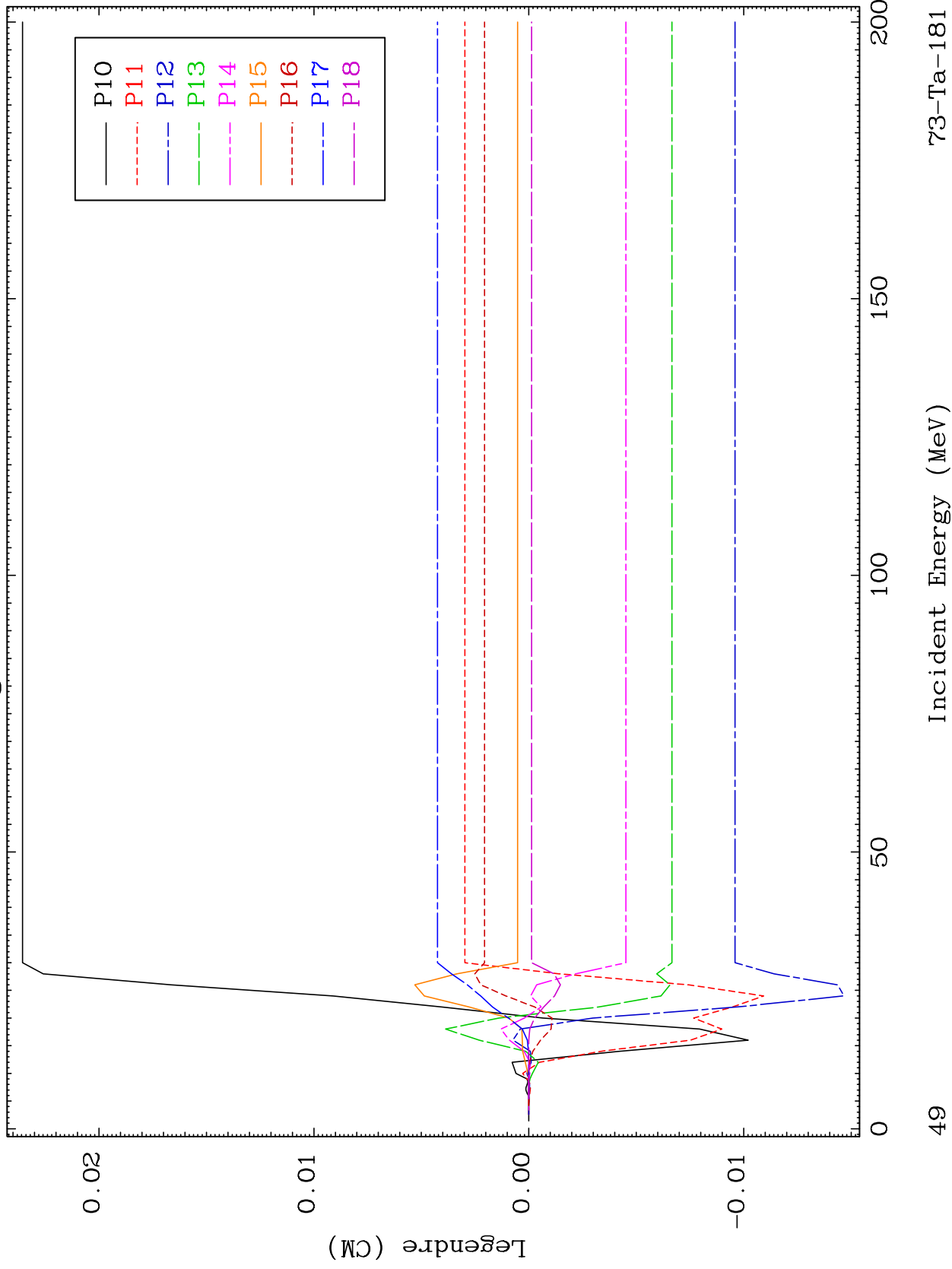
Incident Energy (MeV)

48

MAT 7328

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

73-Ta-181



49

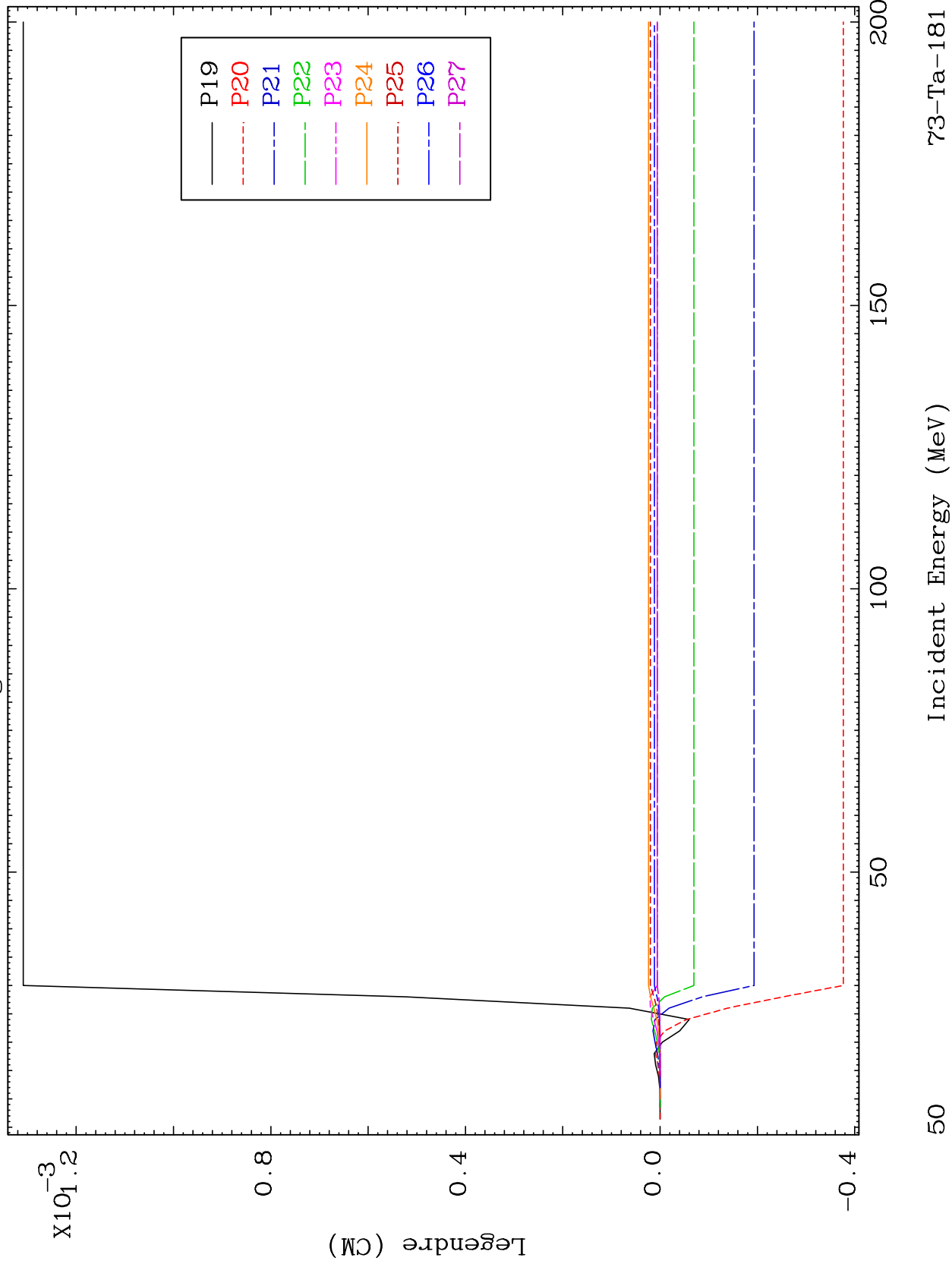
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

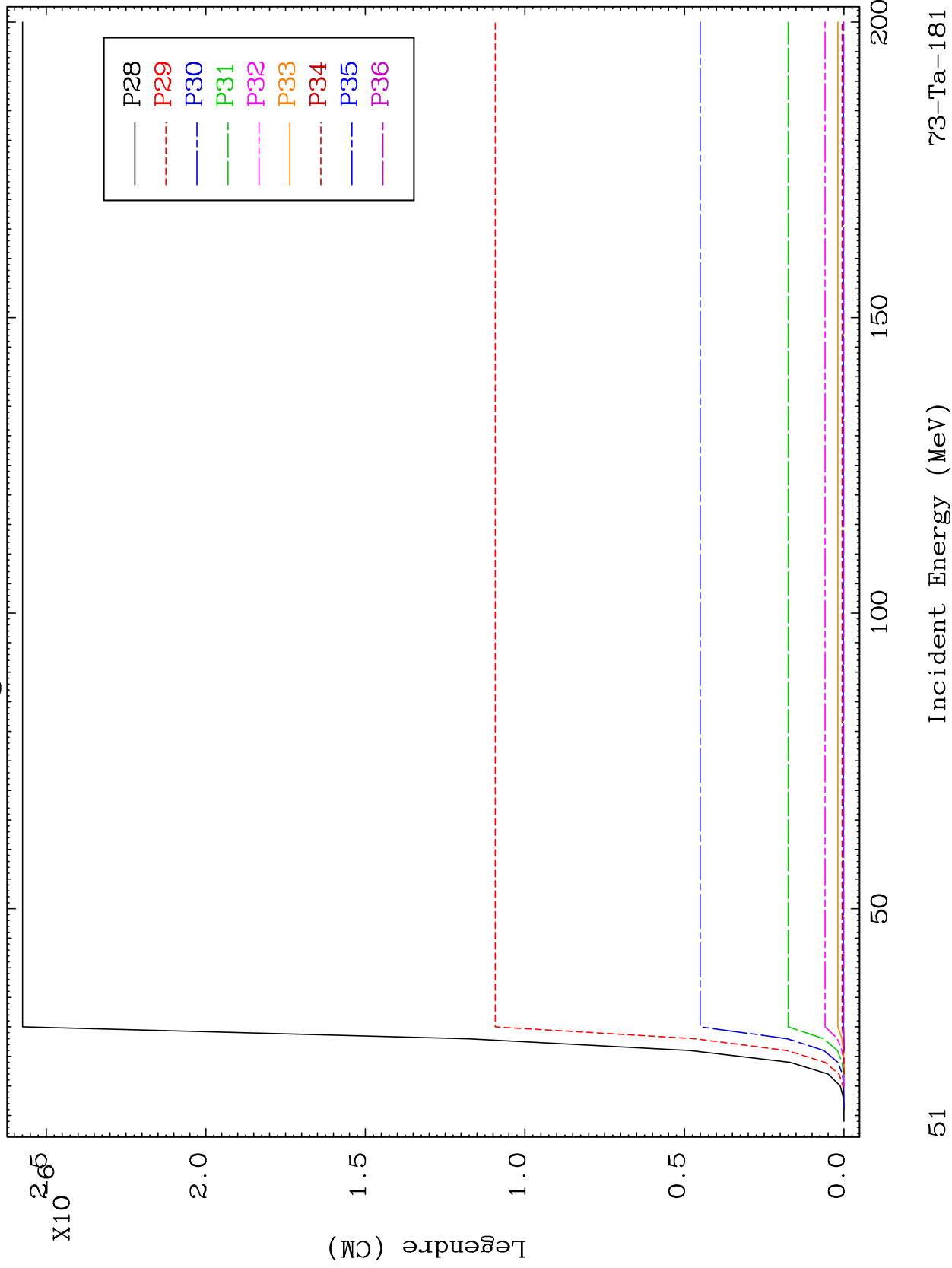
Incident Energy (MeV)

50

MAT 7328

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

73-Ta-181



51

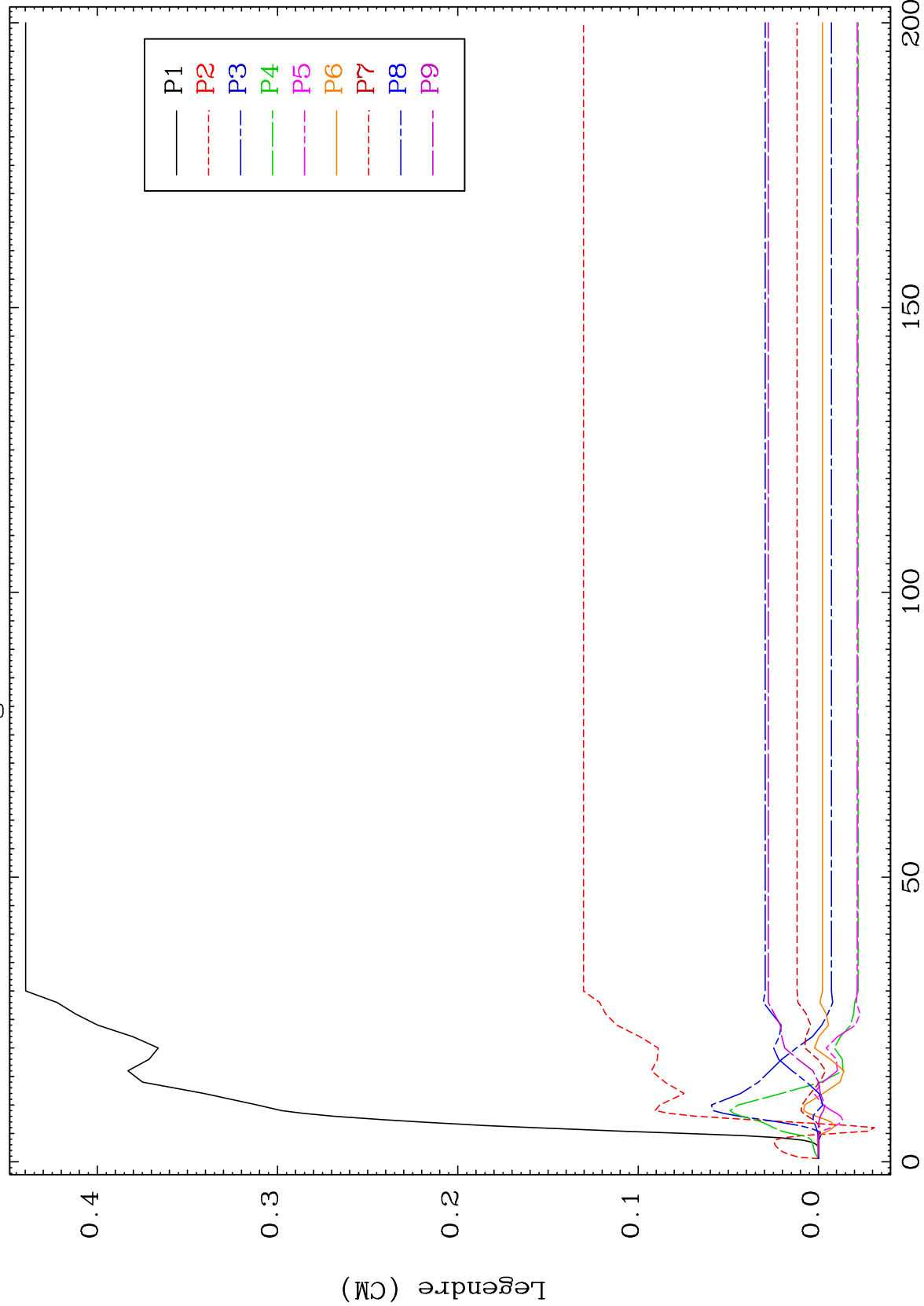
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

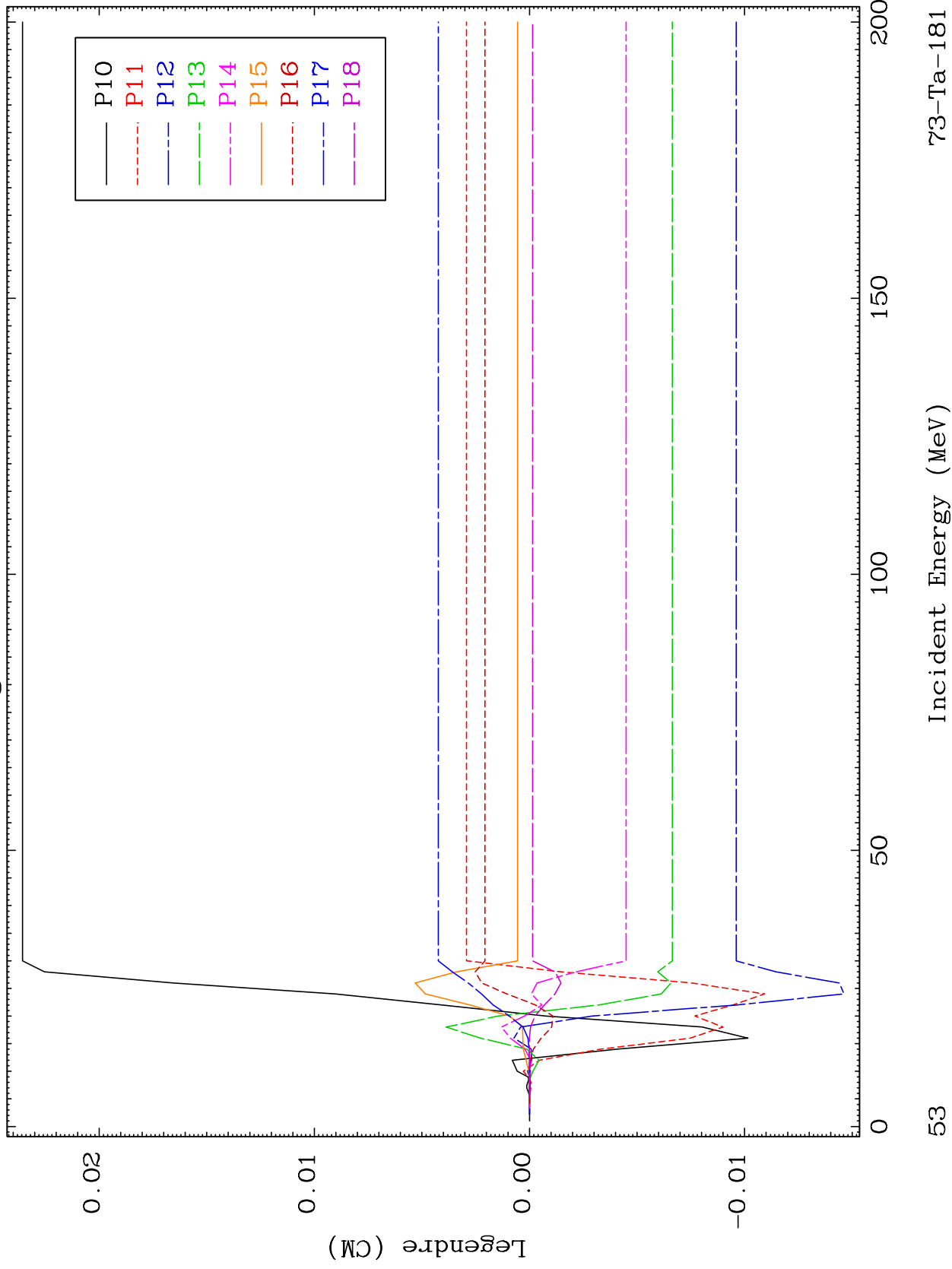
Incident Energy (MeV)

52

MAT 7328

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

73-Ta-181



73-Ta-181

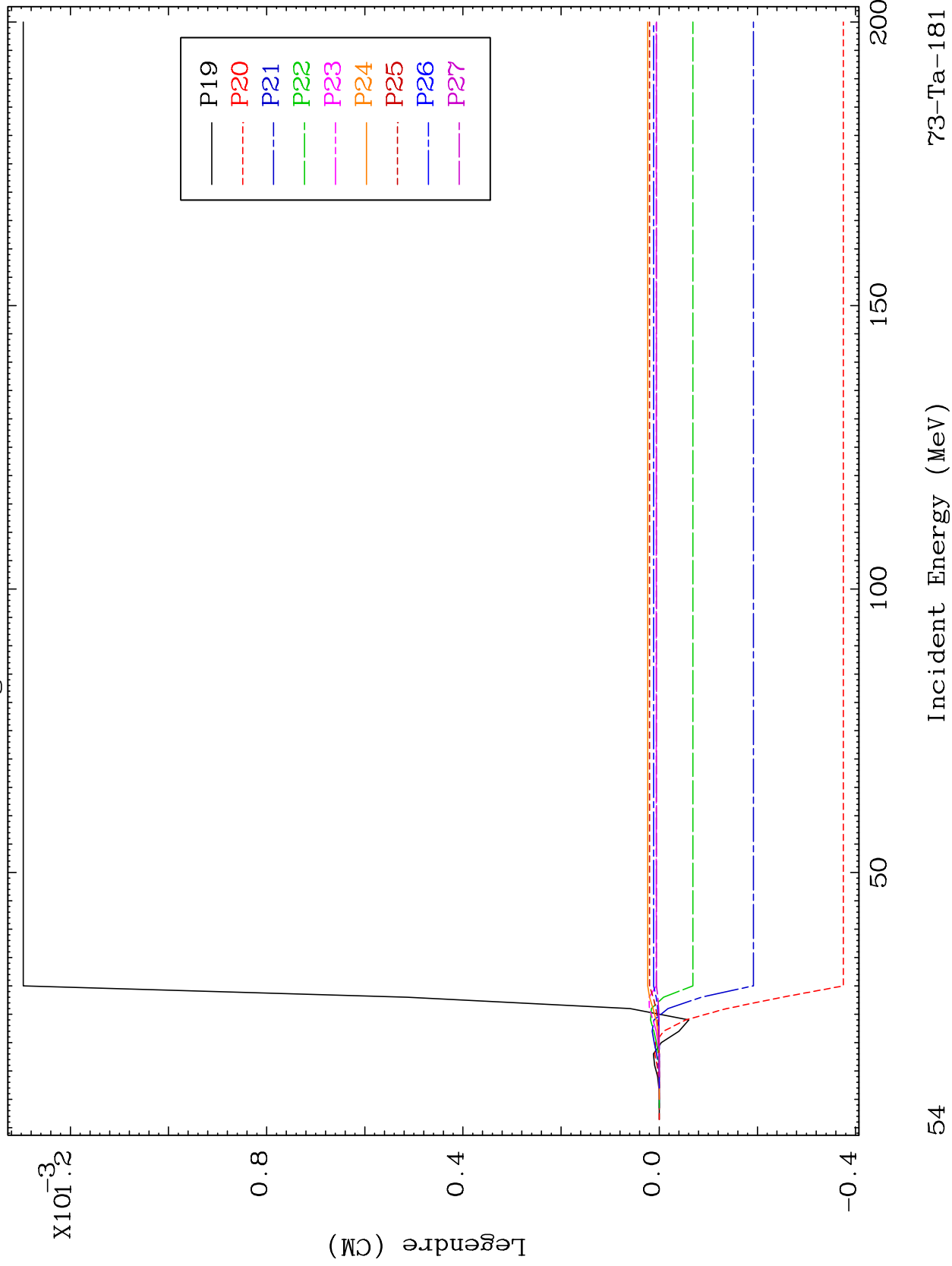
Incident Energy (MeV)

53

MAT 7328

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

73-Ta-181



54

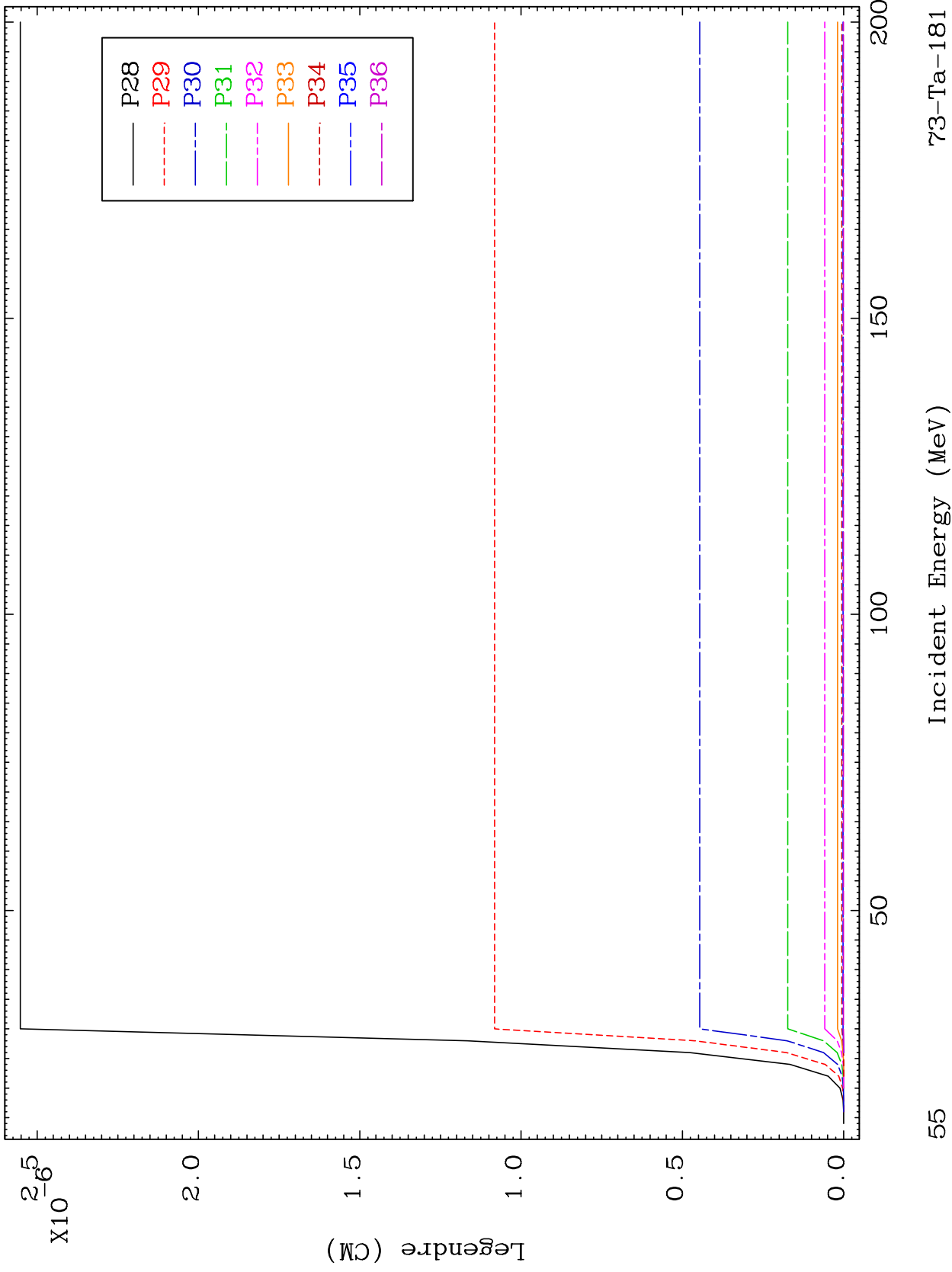
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



55

Incident Energy (MeV)

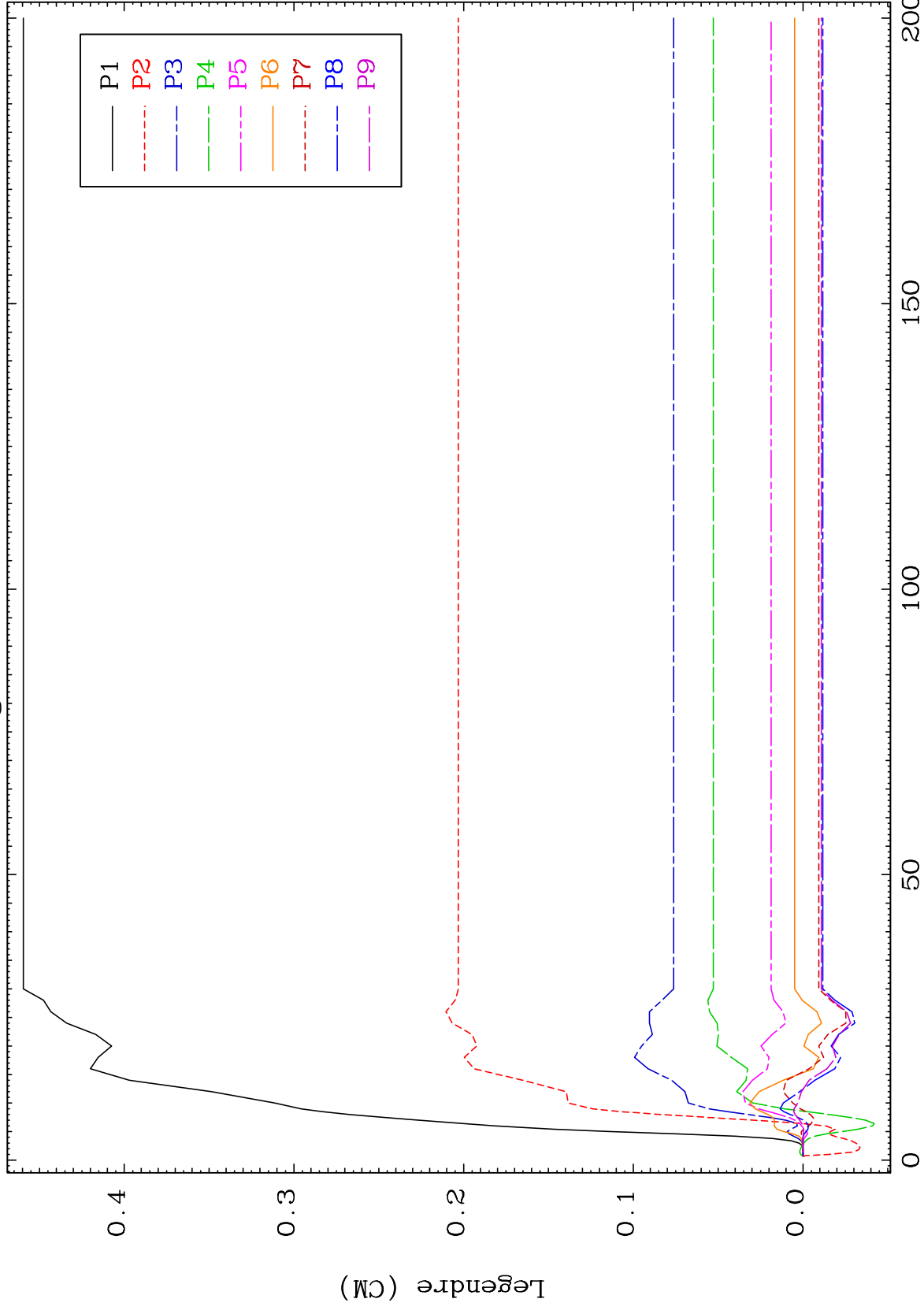
73-Ta-181



MAT 7328

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

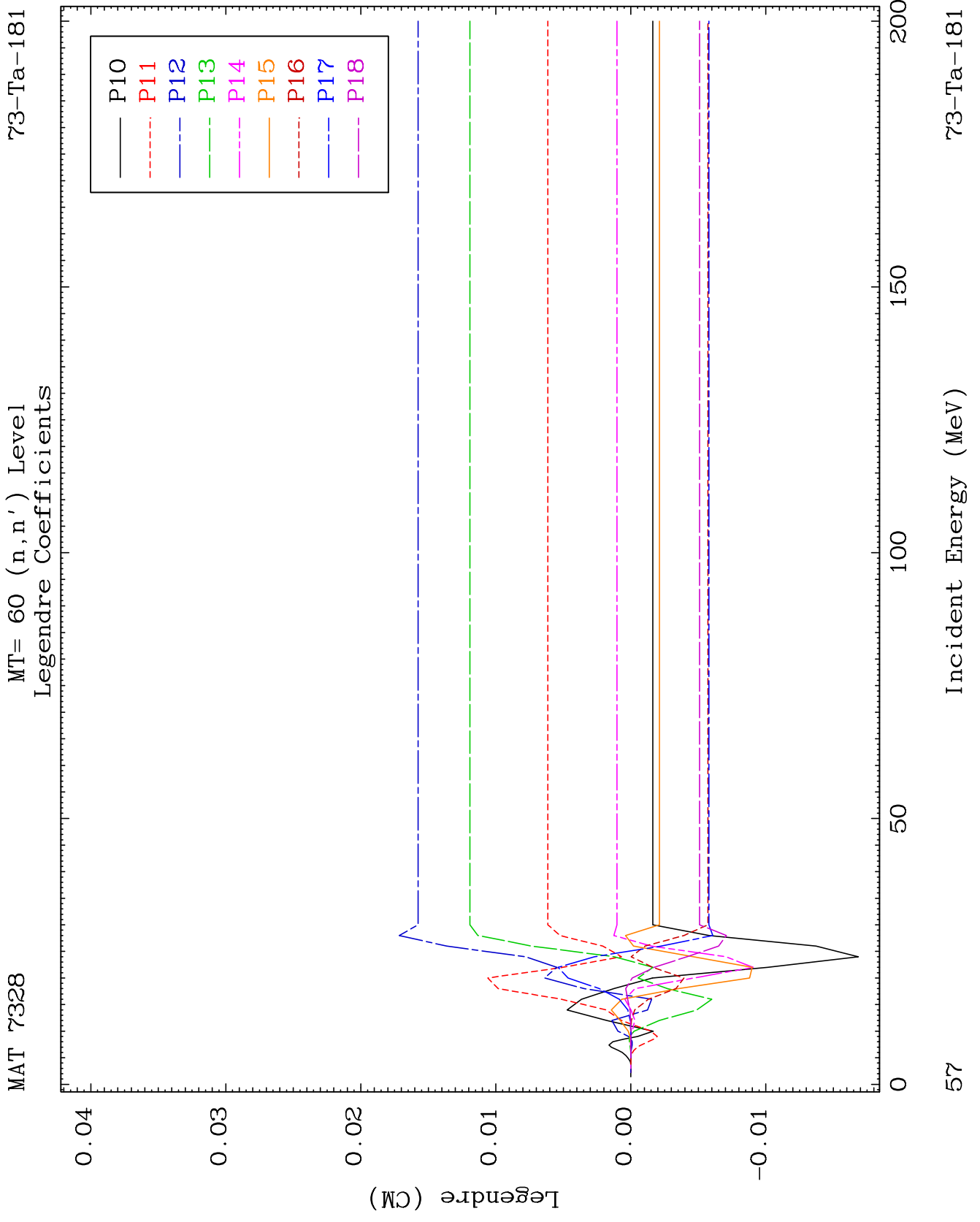
73-Ta-181



56

Incident Energy (MeV)

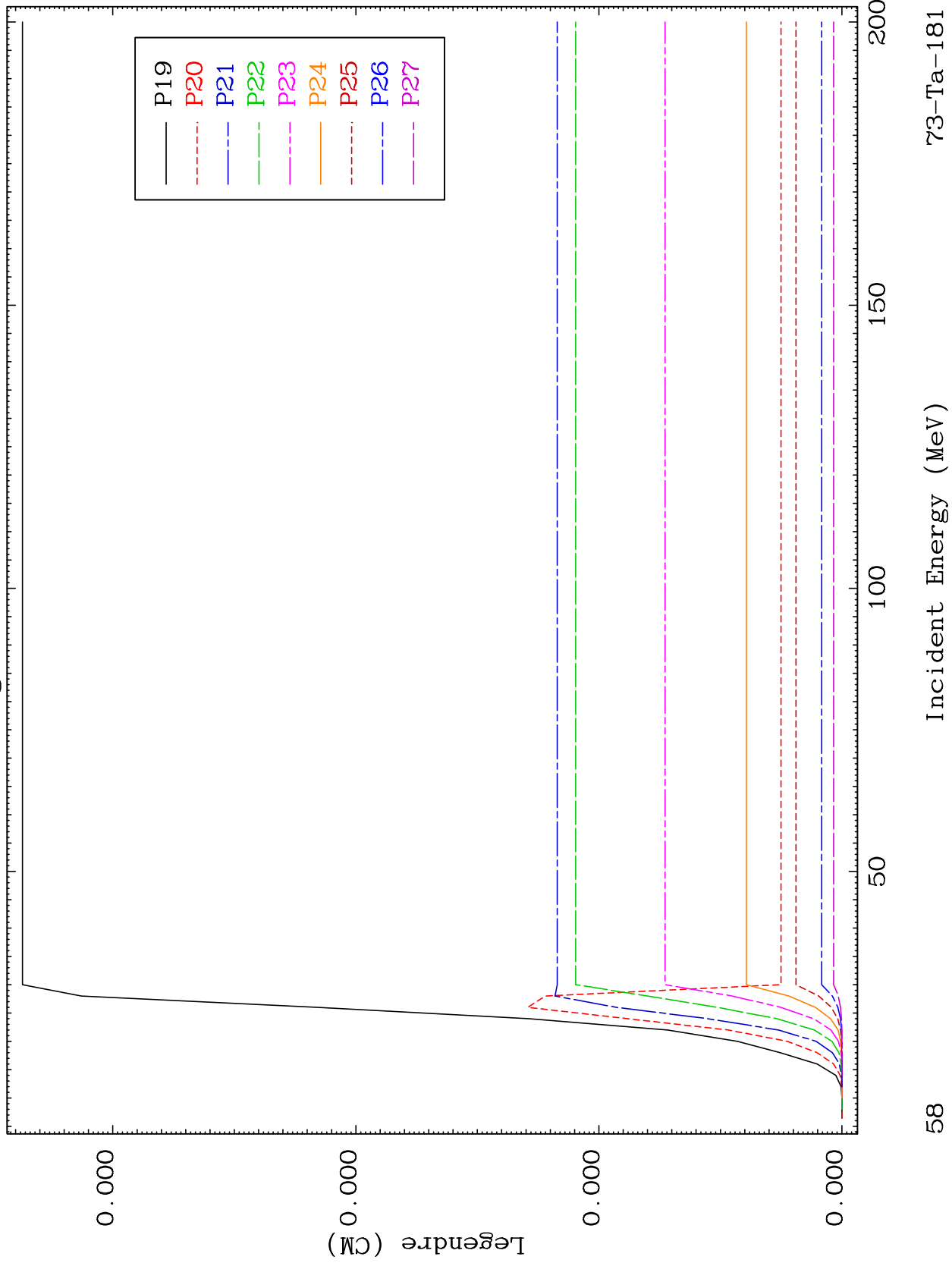
73-Ta-181



MAT 7328

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

73-Ta-181



58

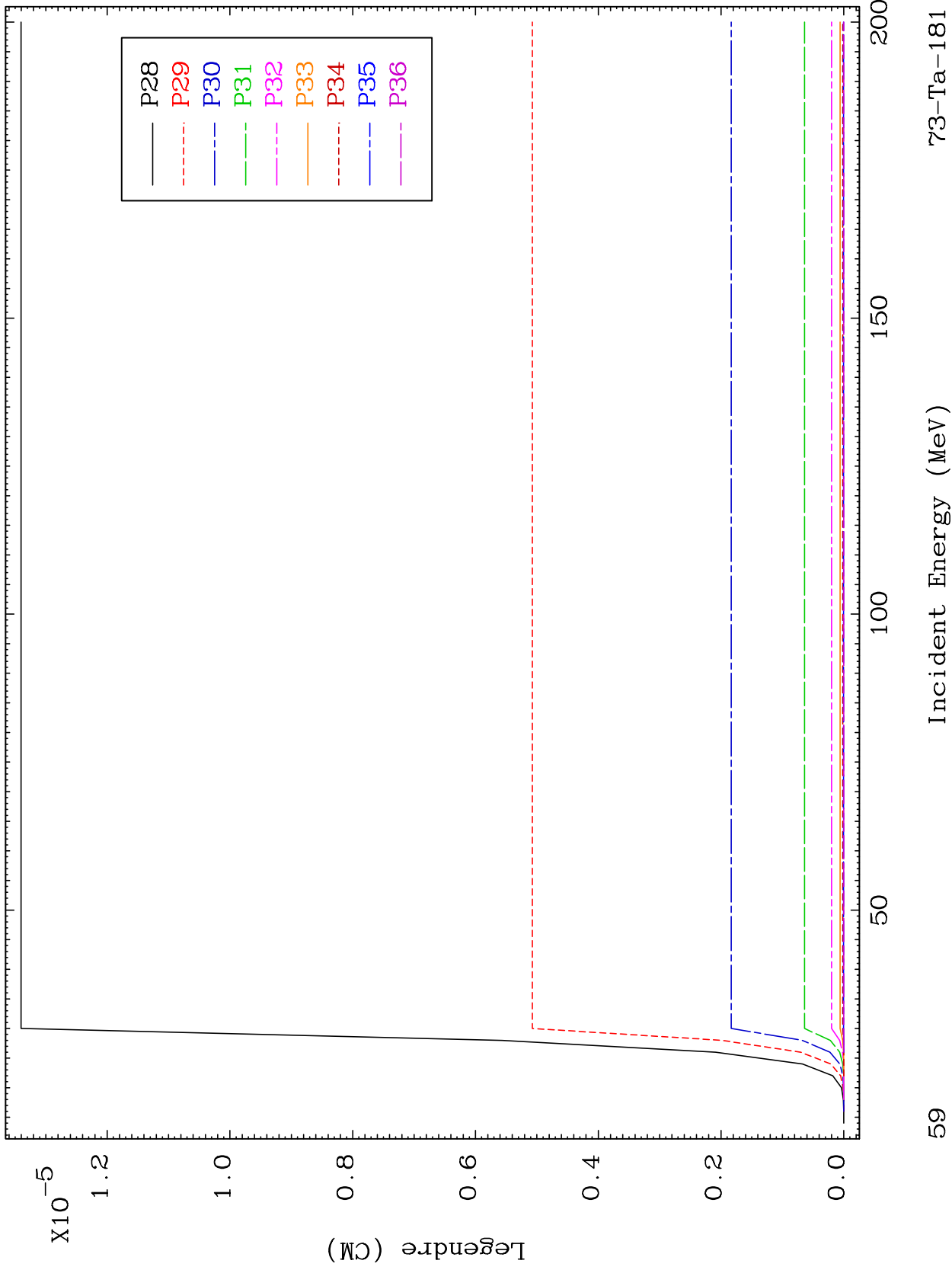
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

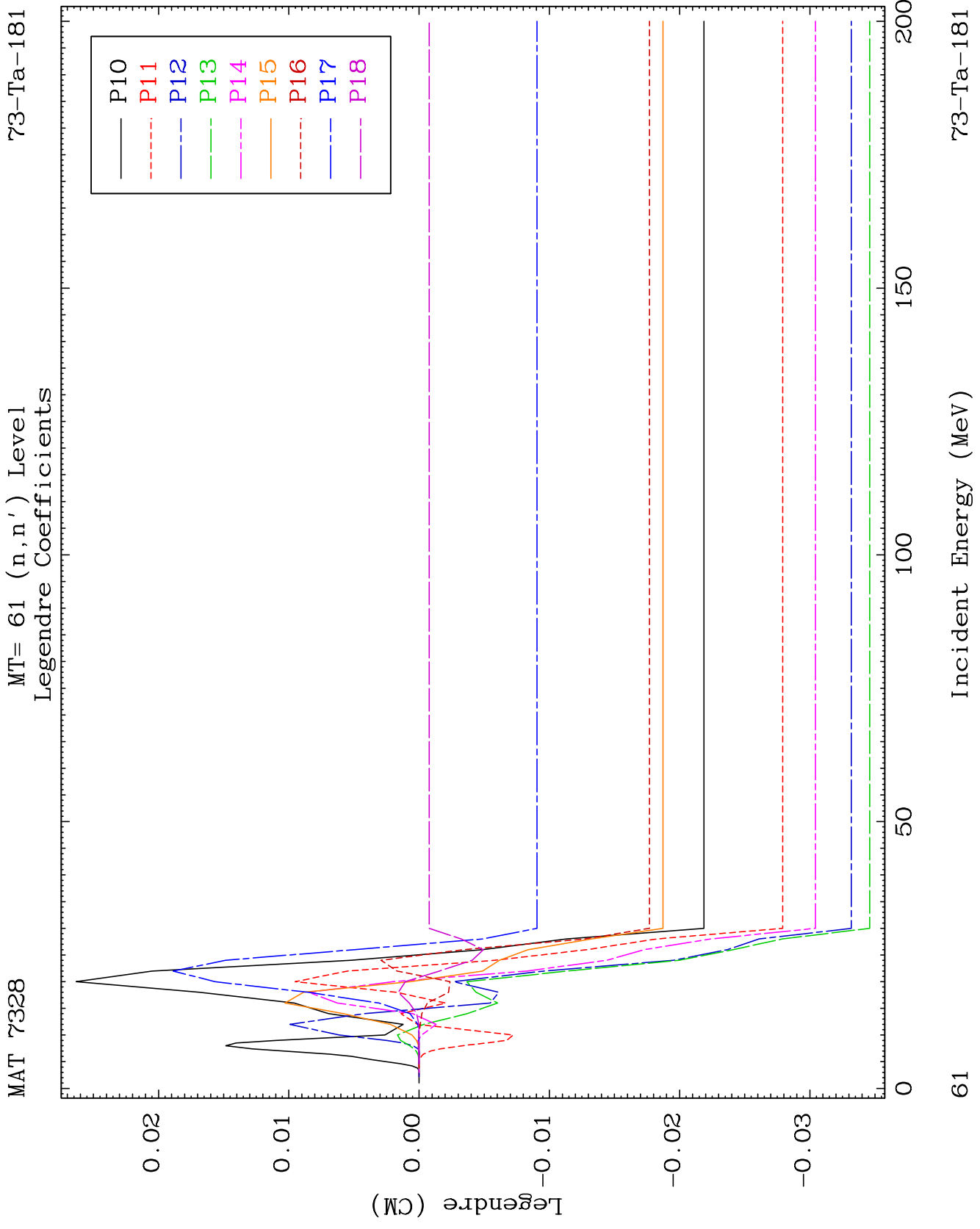
73-Ta-181

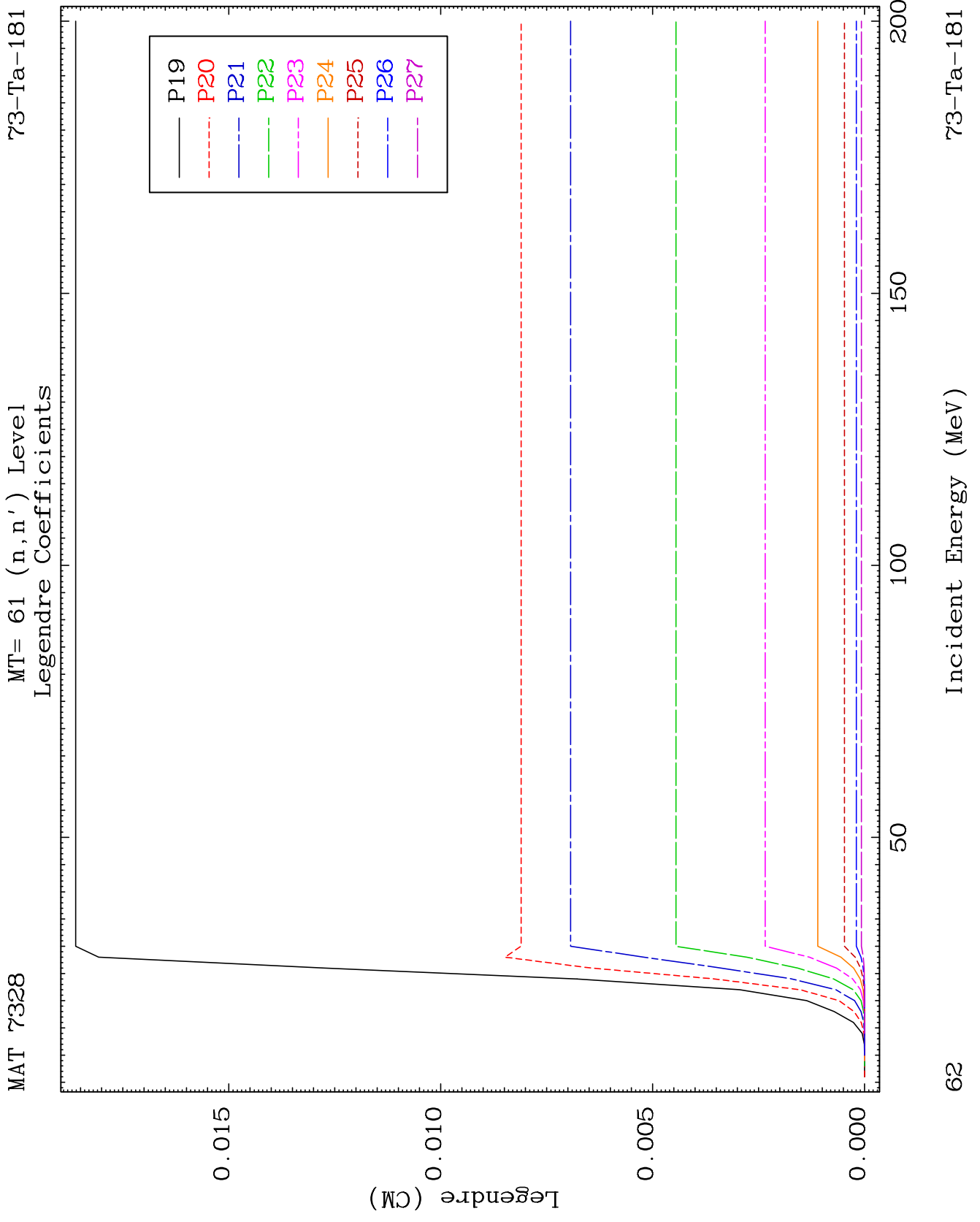


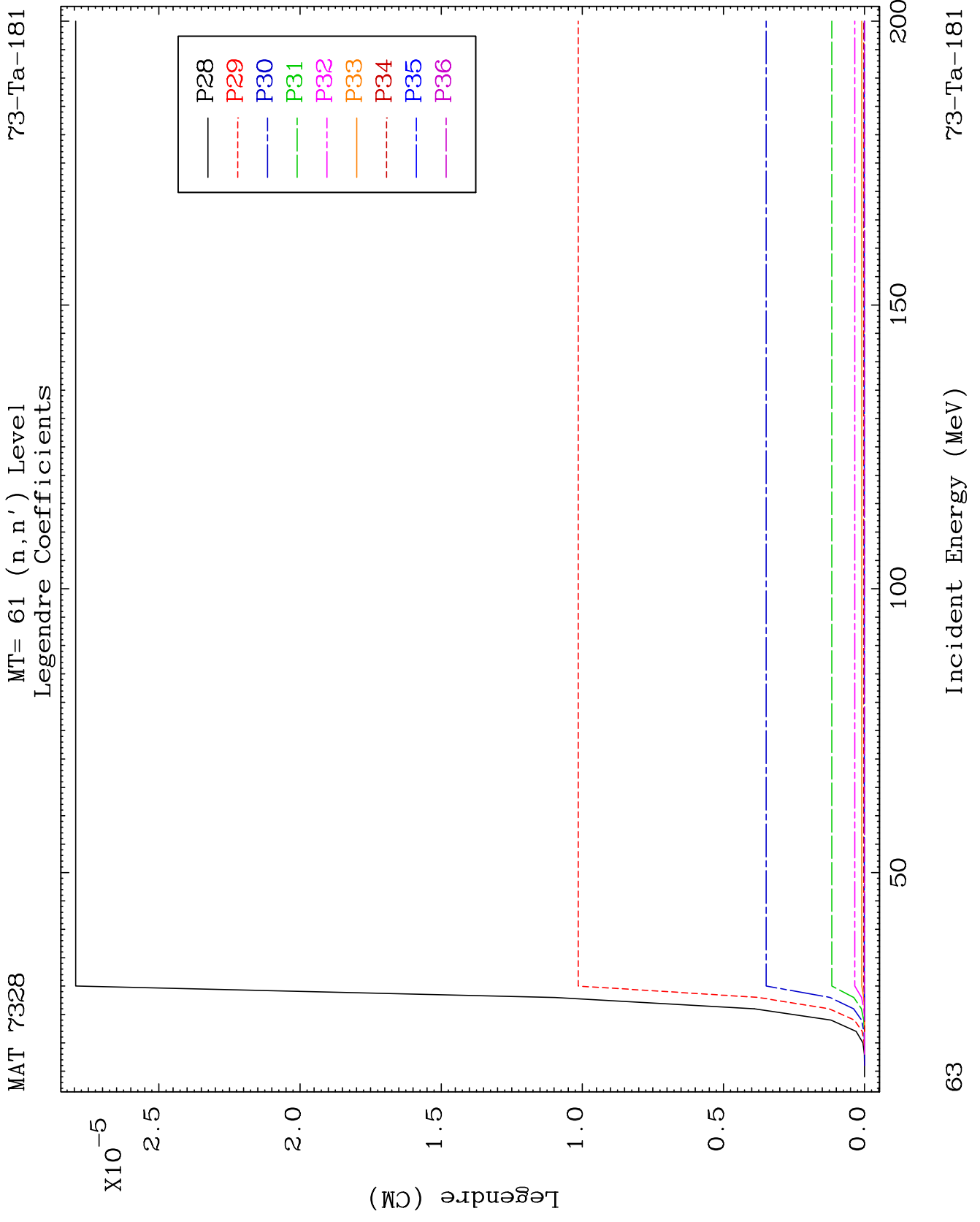
59

73-Ta-181







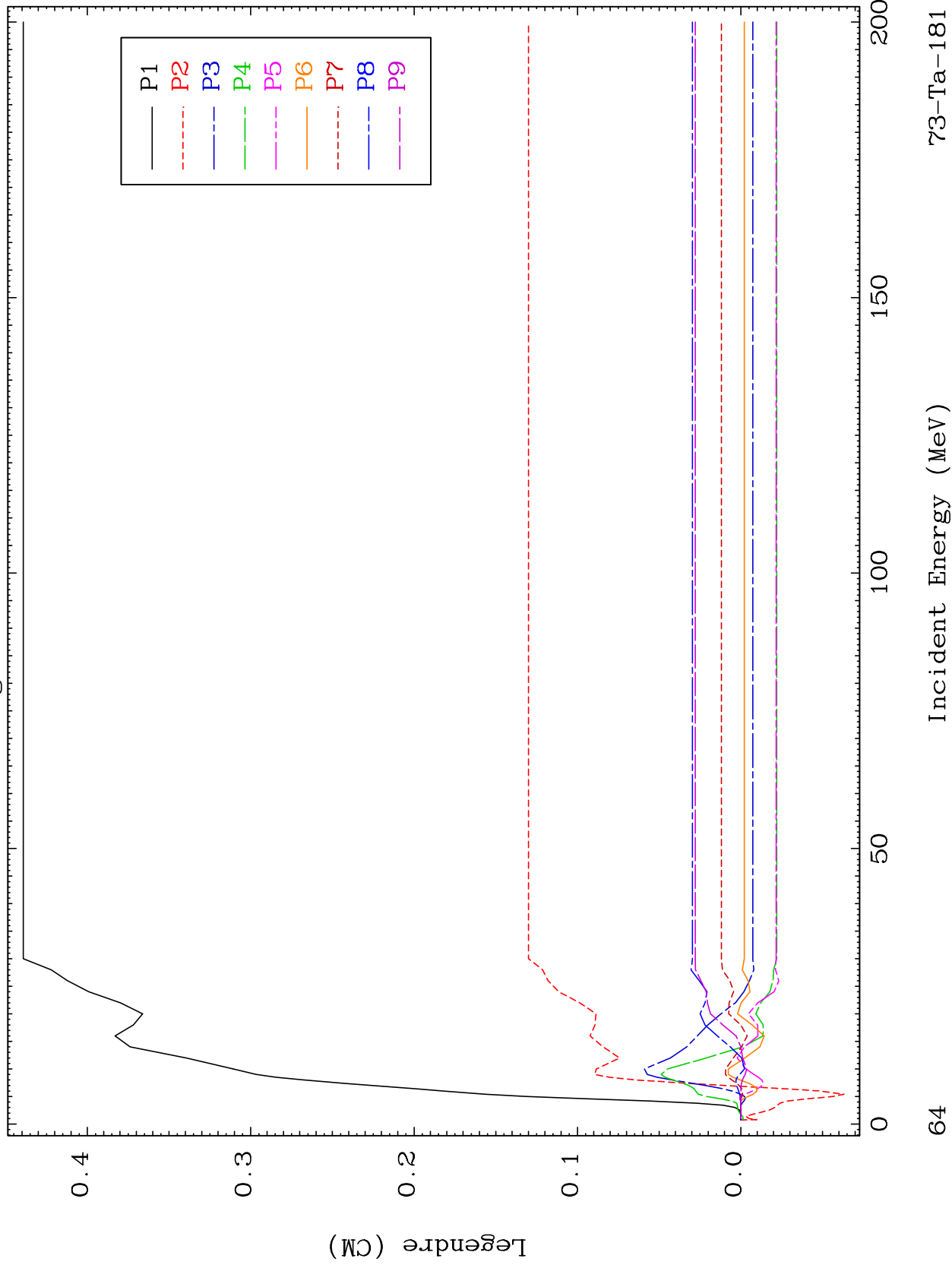




MAT 7328

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

73-Ta-181



73-Ta-181

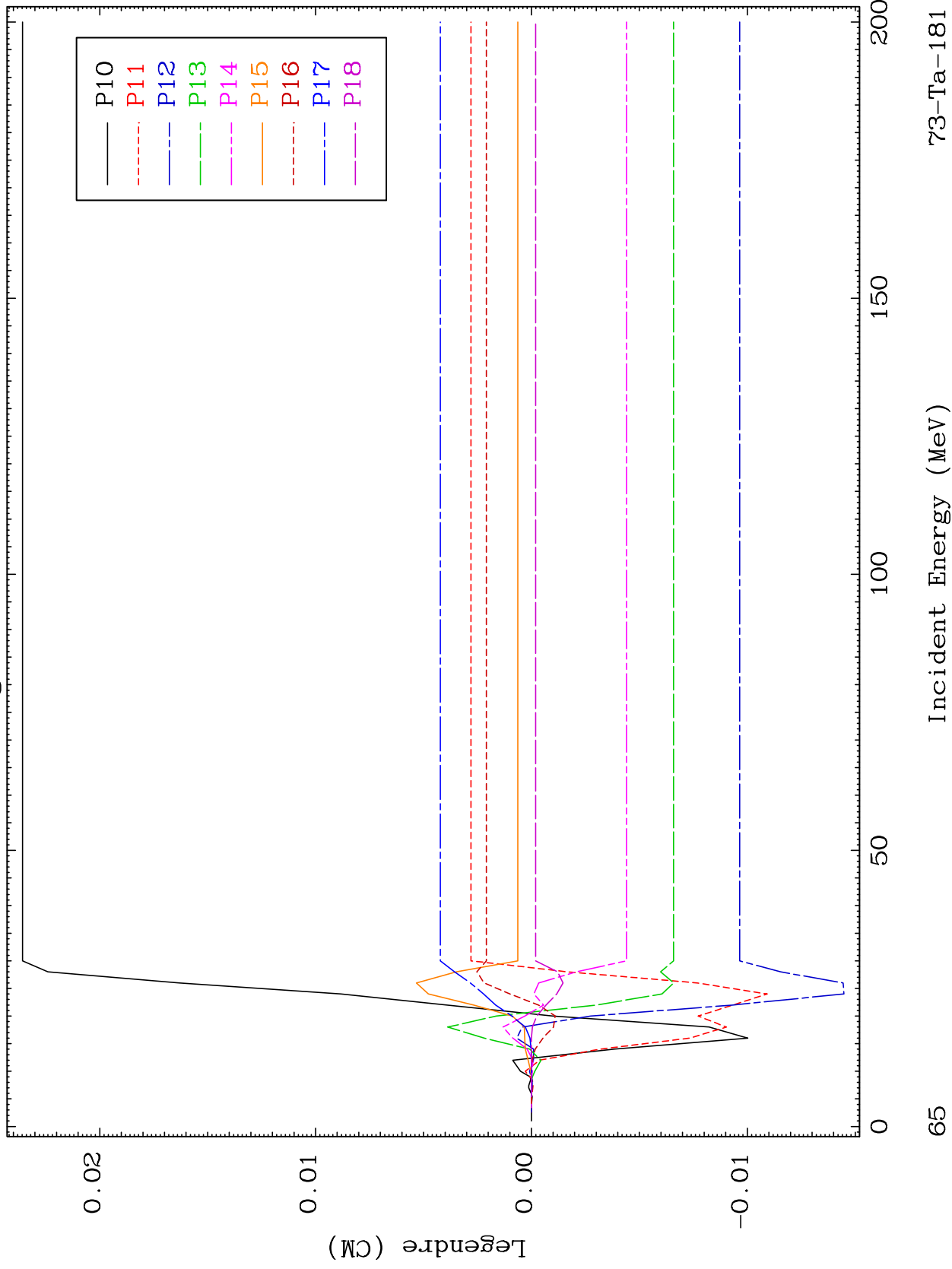
Incident Energy (MeV)

64

MAT 7328

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

73-Ta-181



73-Ta-181

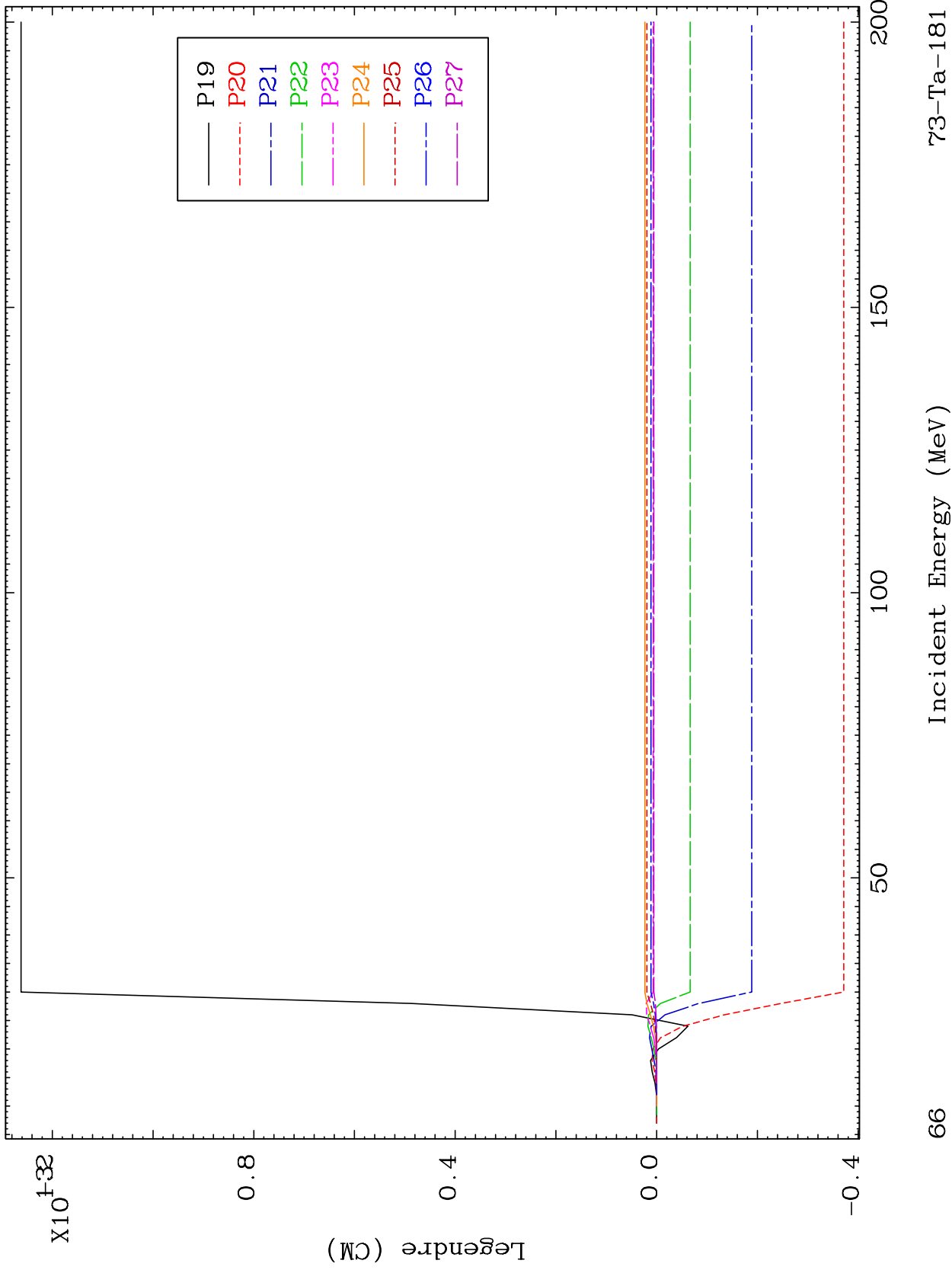
Incident Energy (MeV)

65

MAT 7328

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

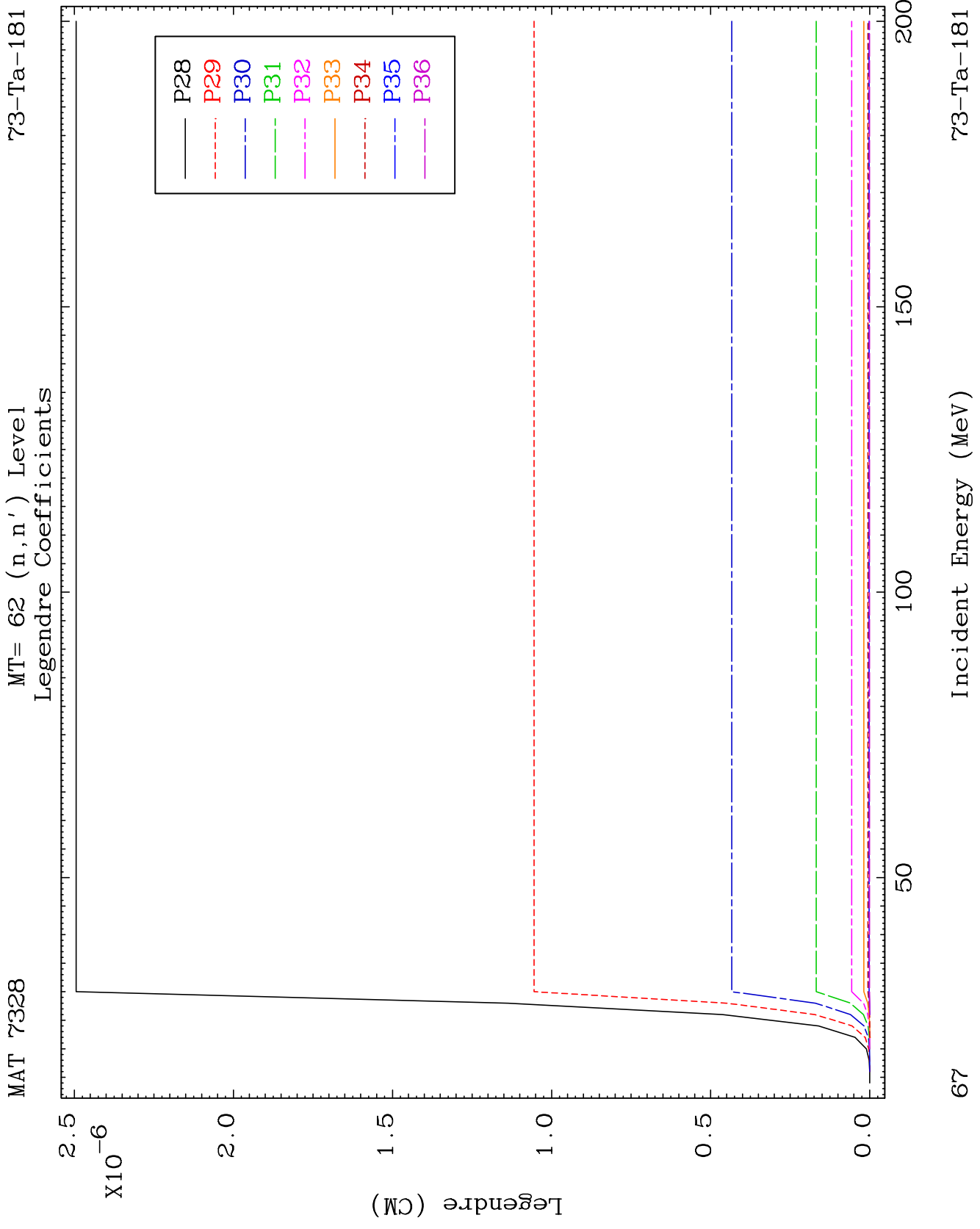
73-Ta-181



66

Incident Energy (MeV)

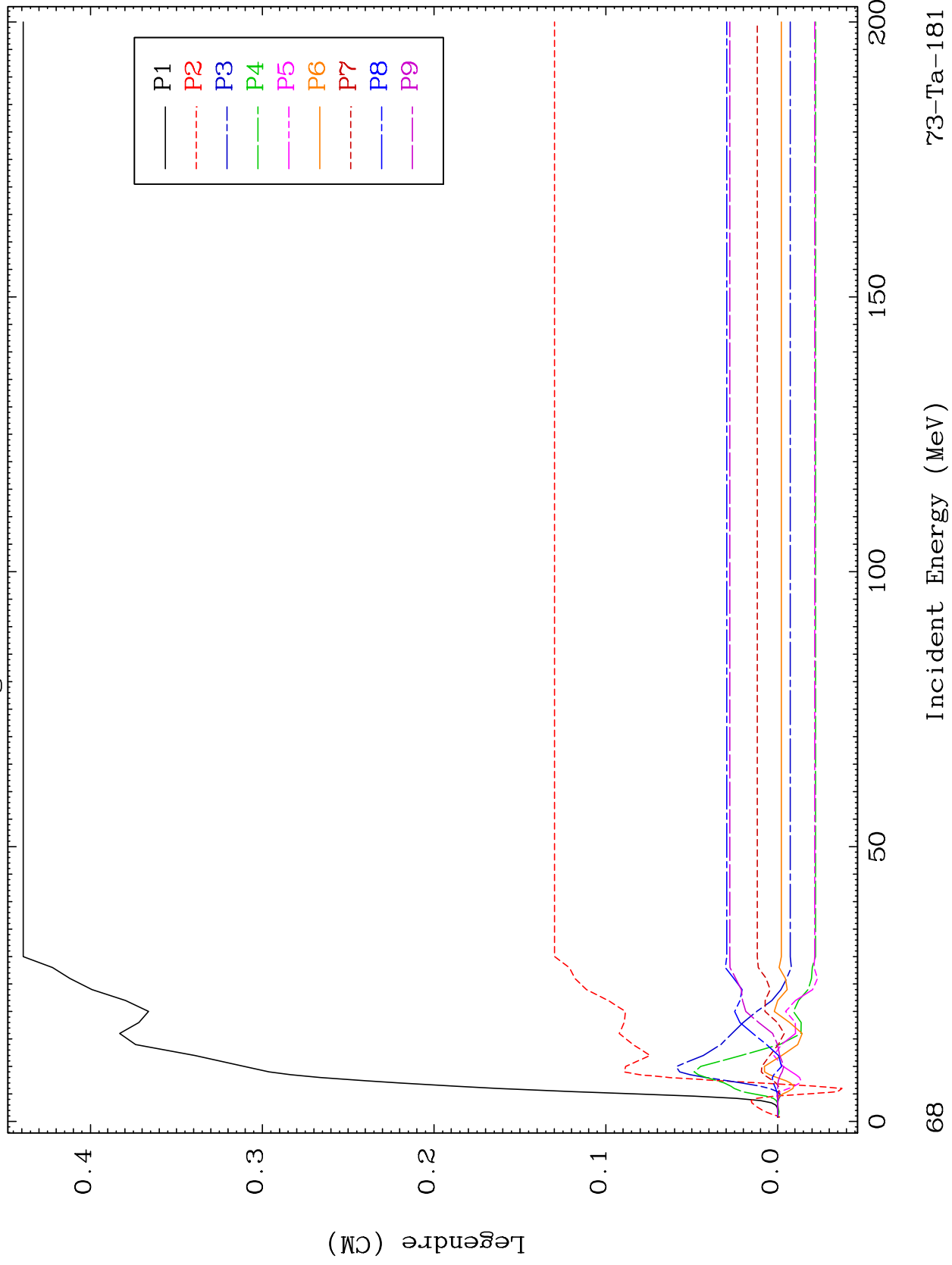
73-Ta-181



MAT 7328

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

73-Ta-181



68

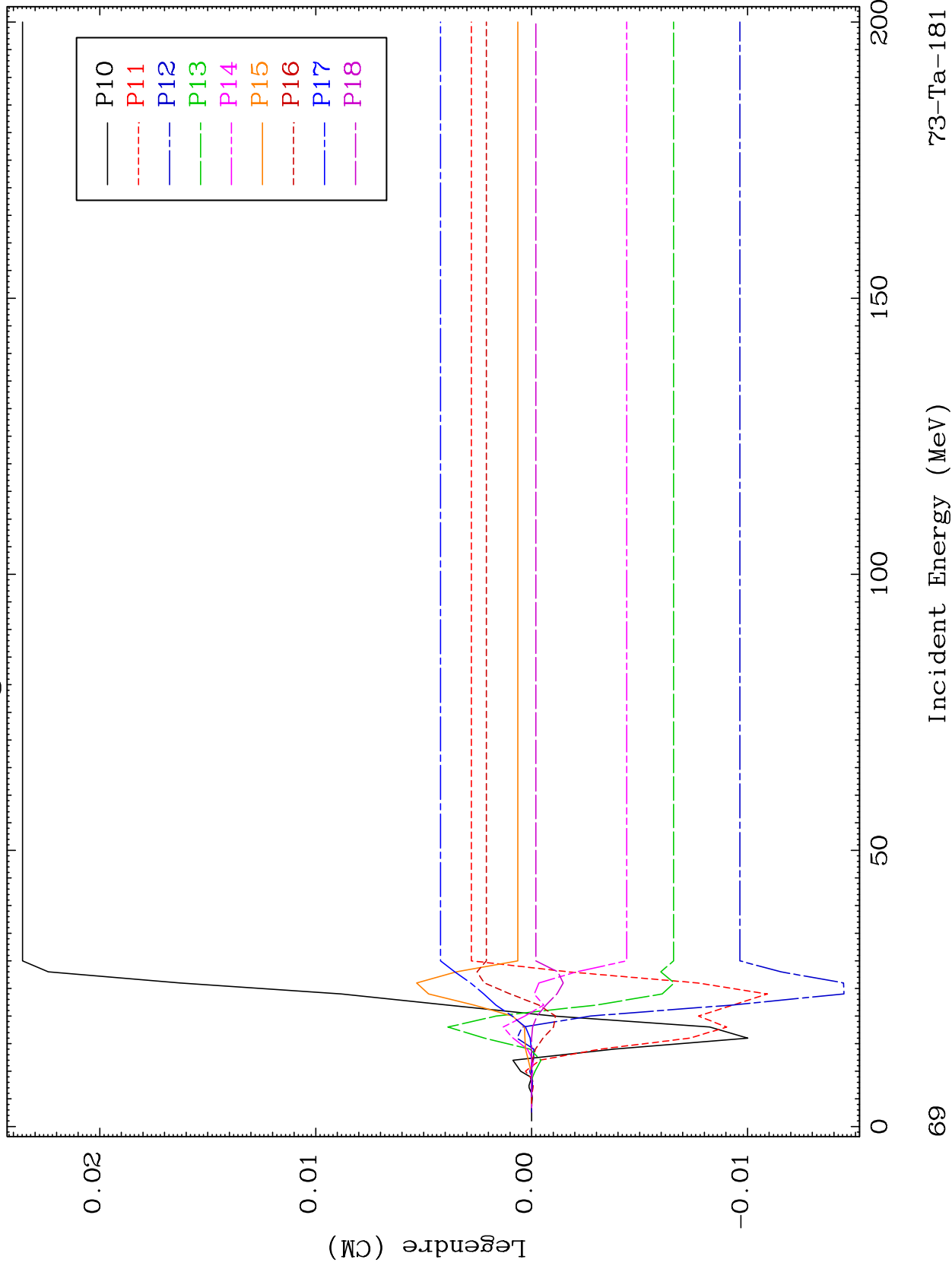
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



69

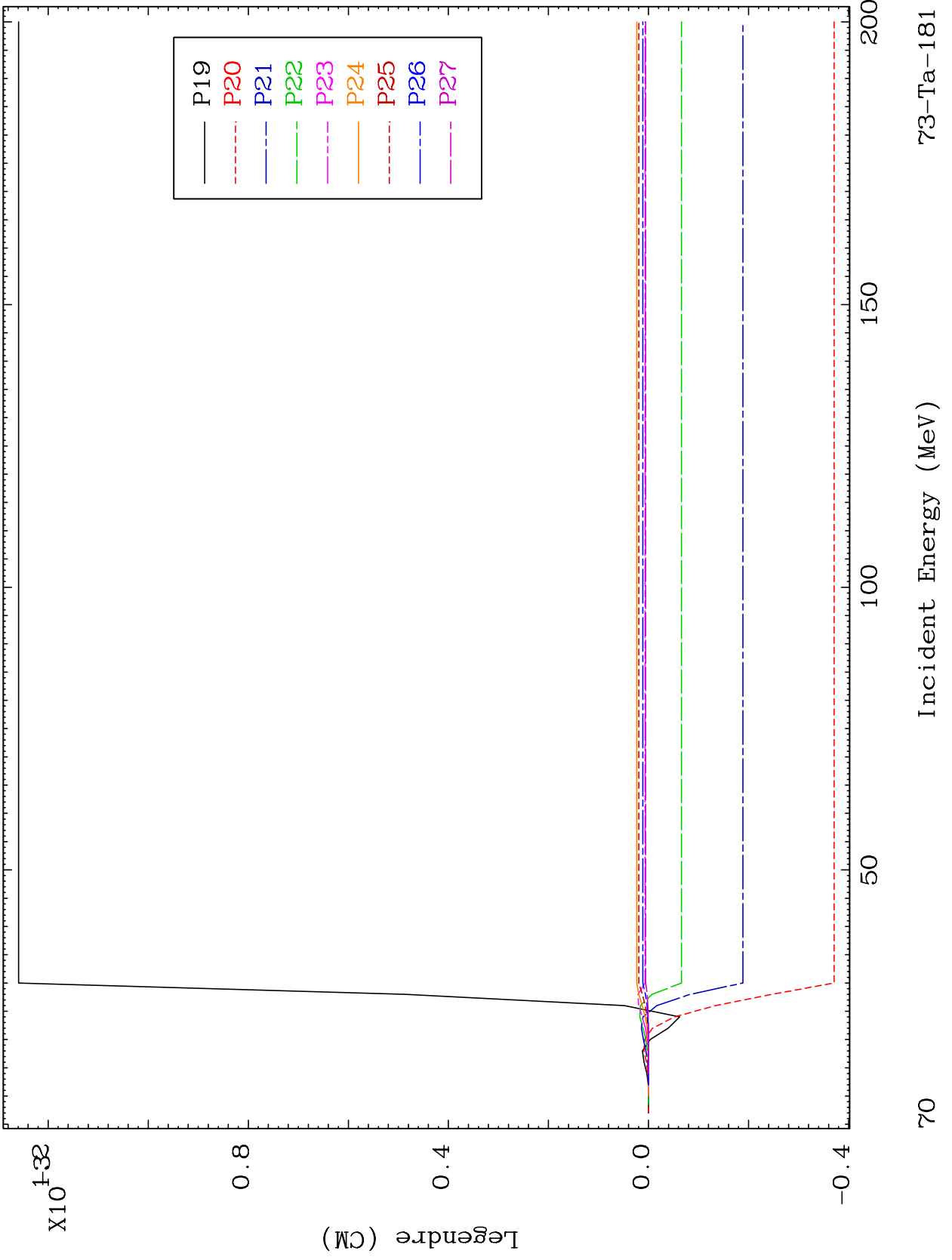
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

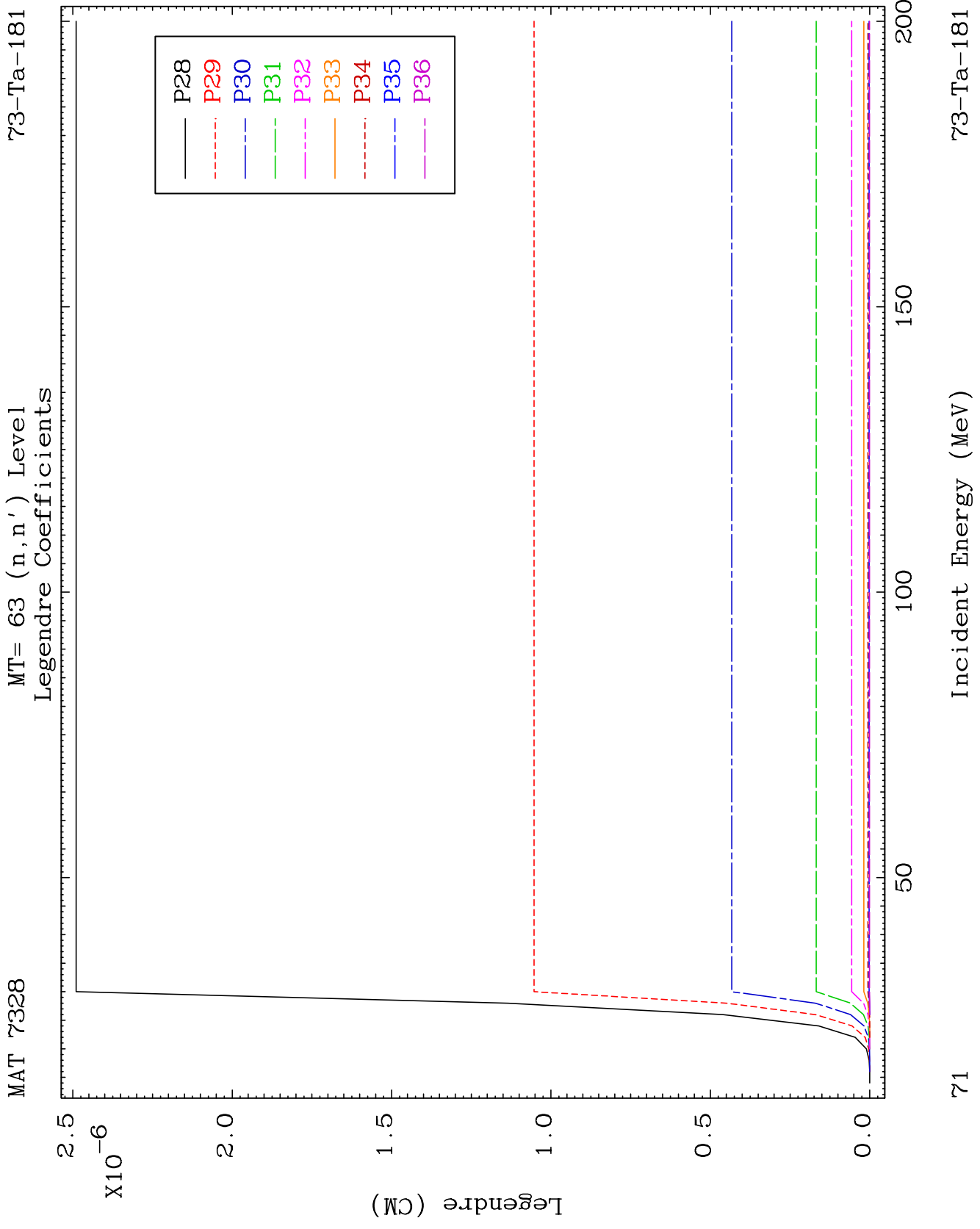
73-Ta-181



70

Incident Energy (MeV)

73-Ta-181

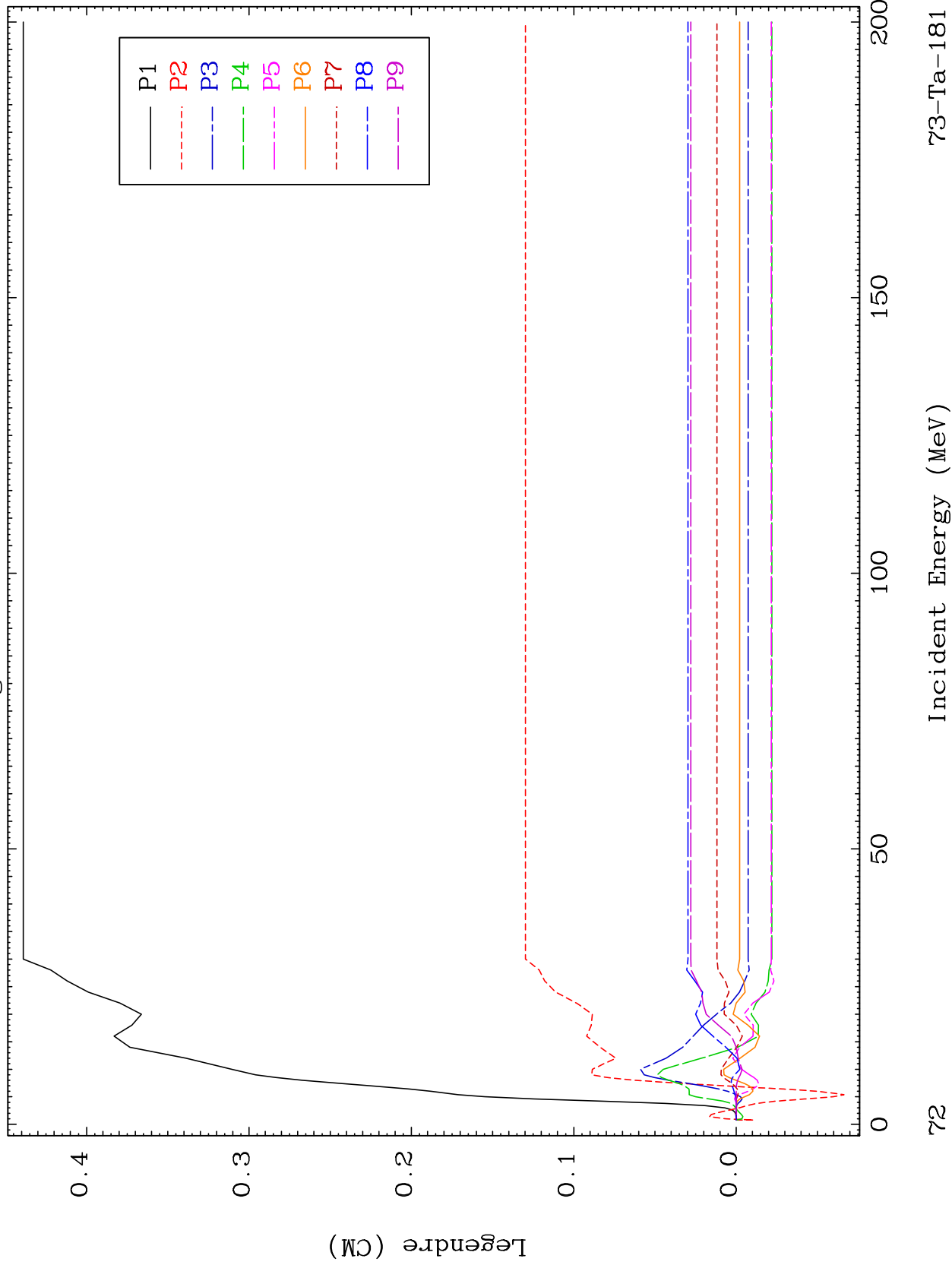




MAT 7328

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

73-Ta-181



73-Ta-181

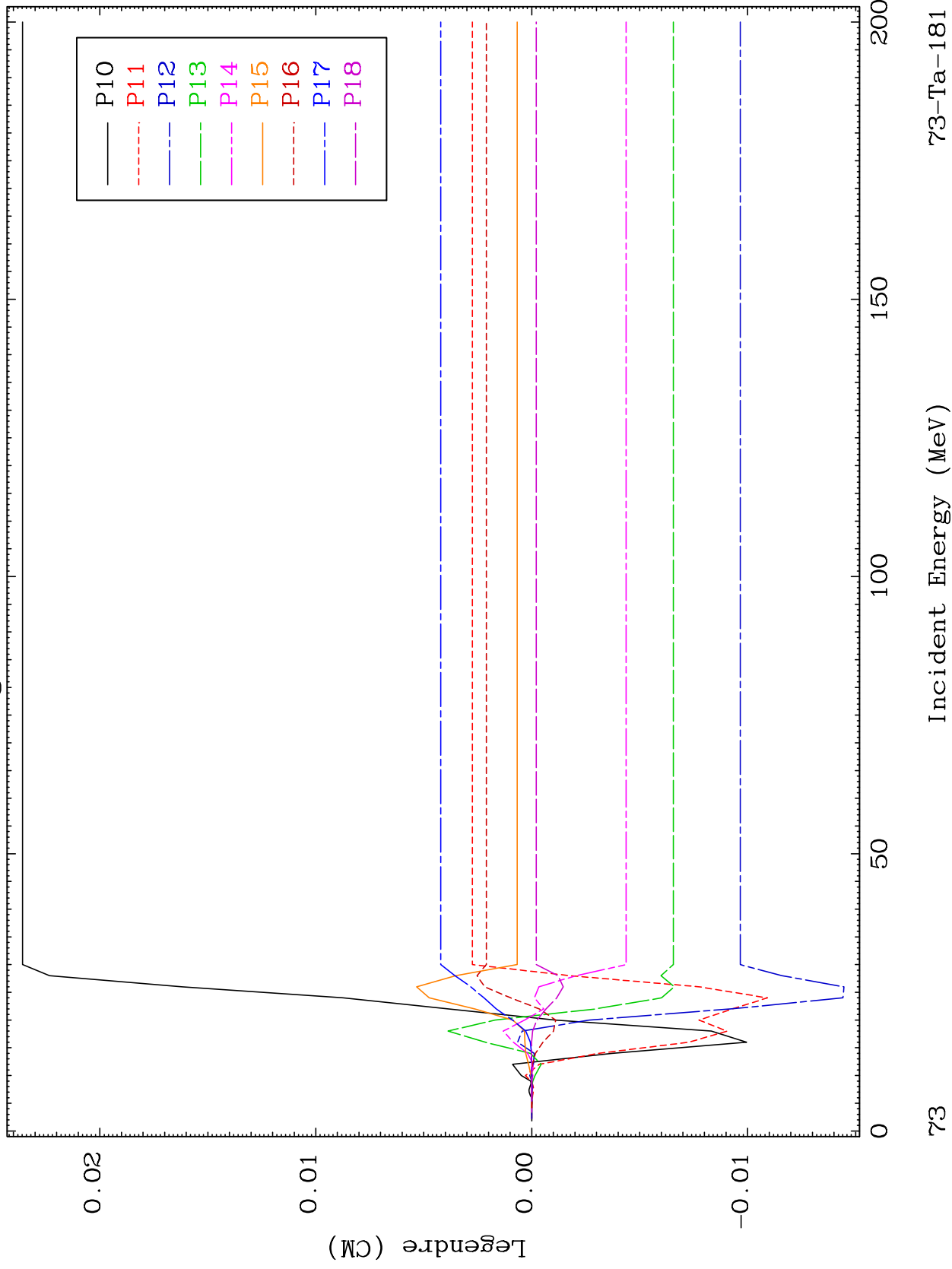
Incident Energy (MeV)

72

MAT 7328

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

73-Ta-181



73-Ta-181

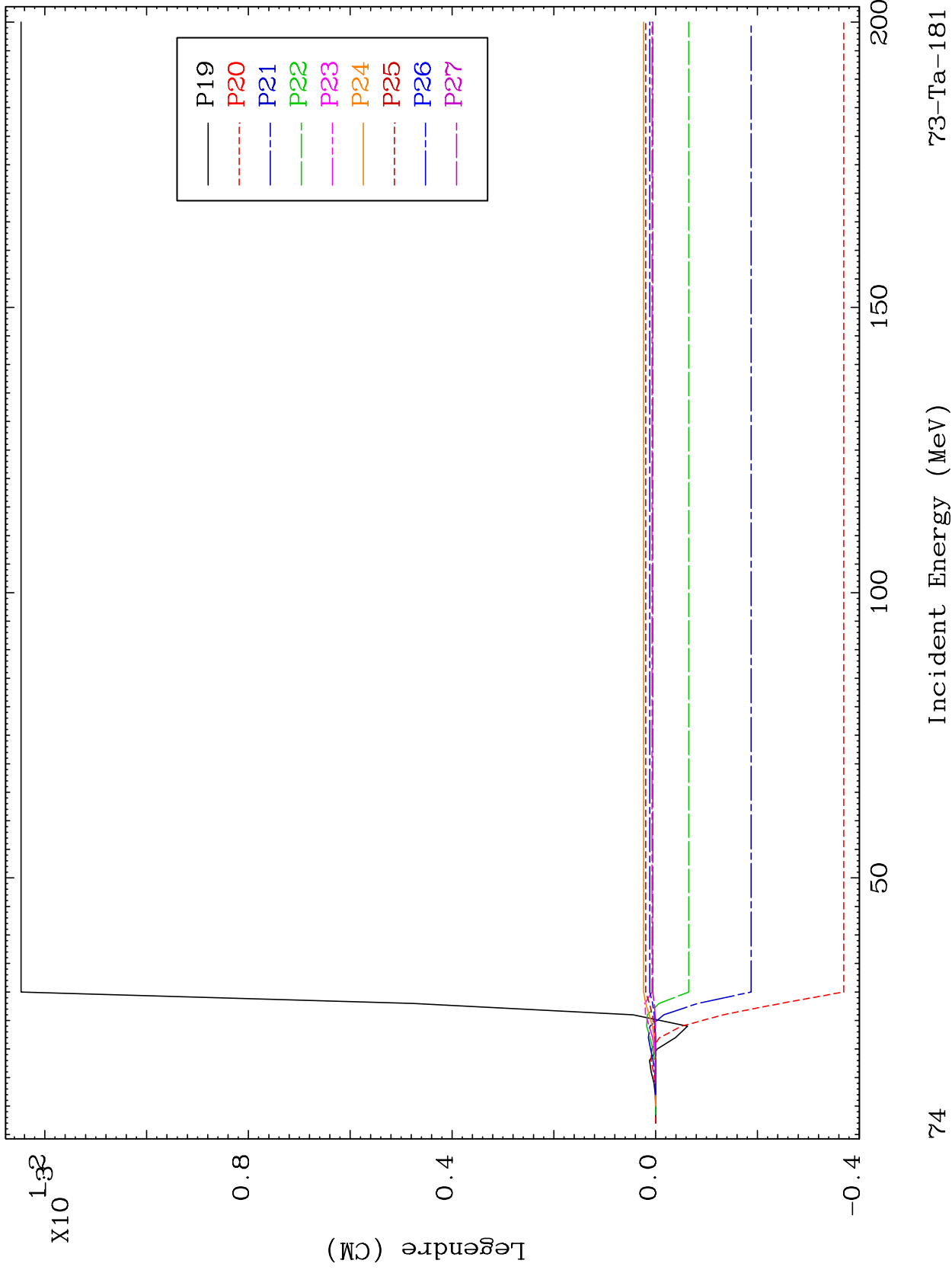
Incident Energy (MeV)

73

MAT 7328

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

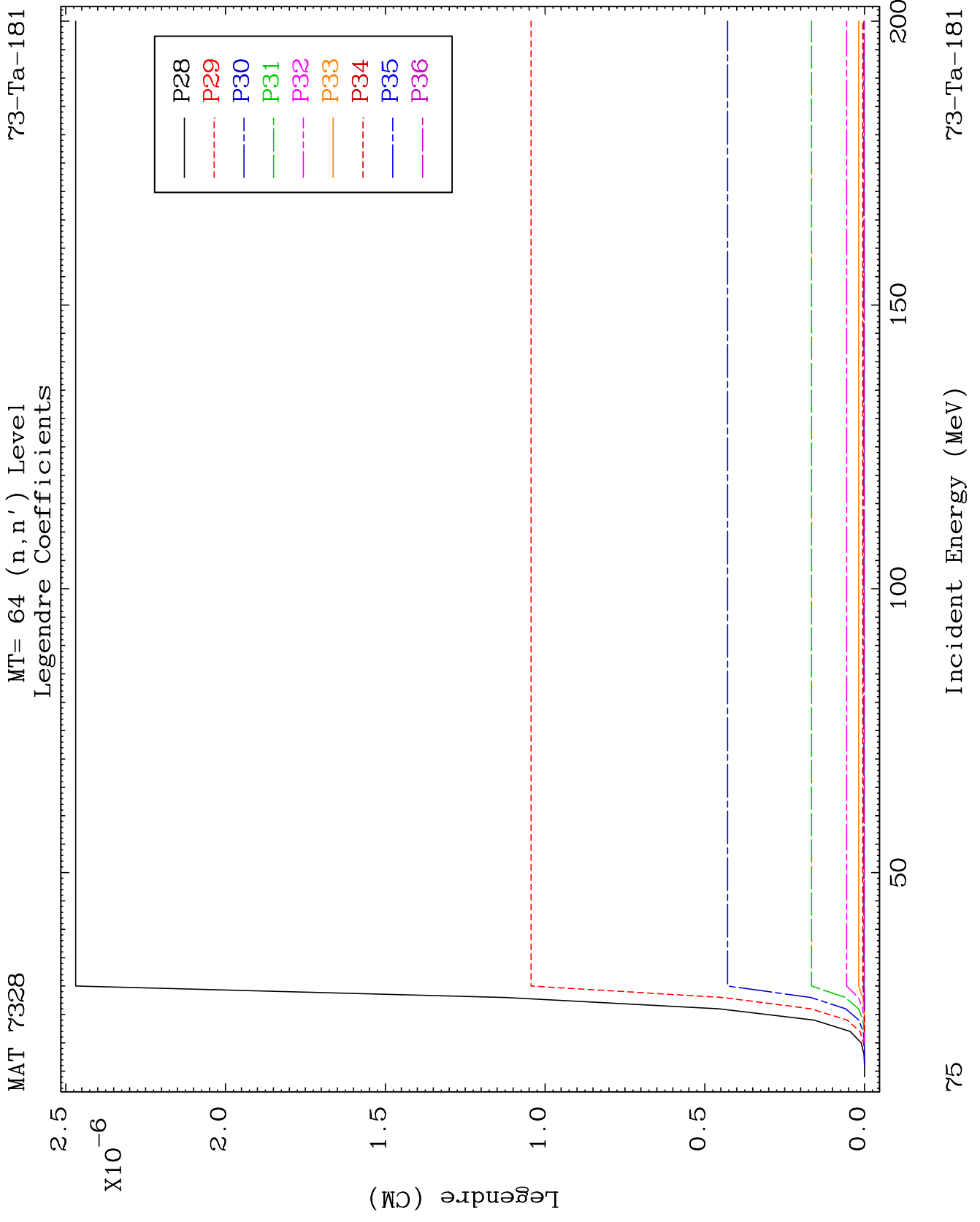
73-Ta-181



74

Incident Energy (MeV)

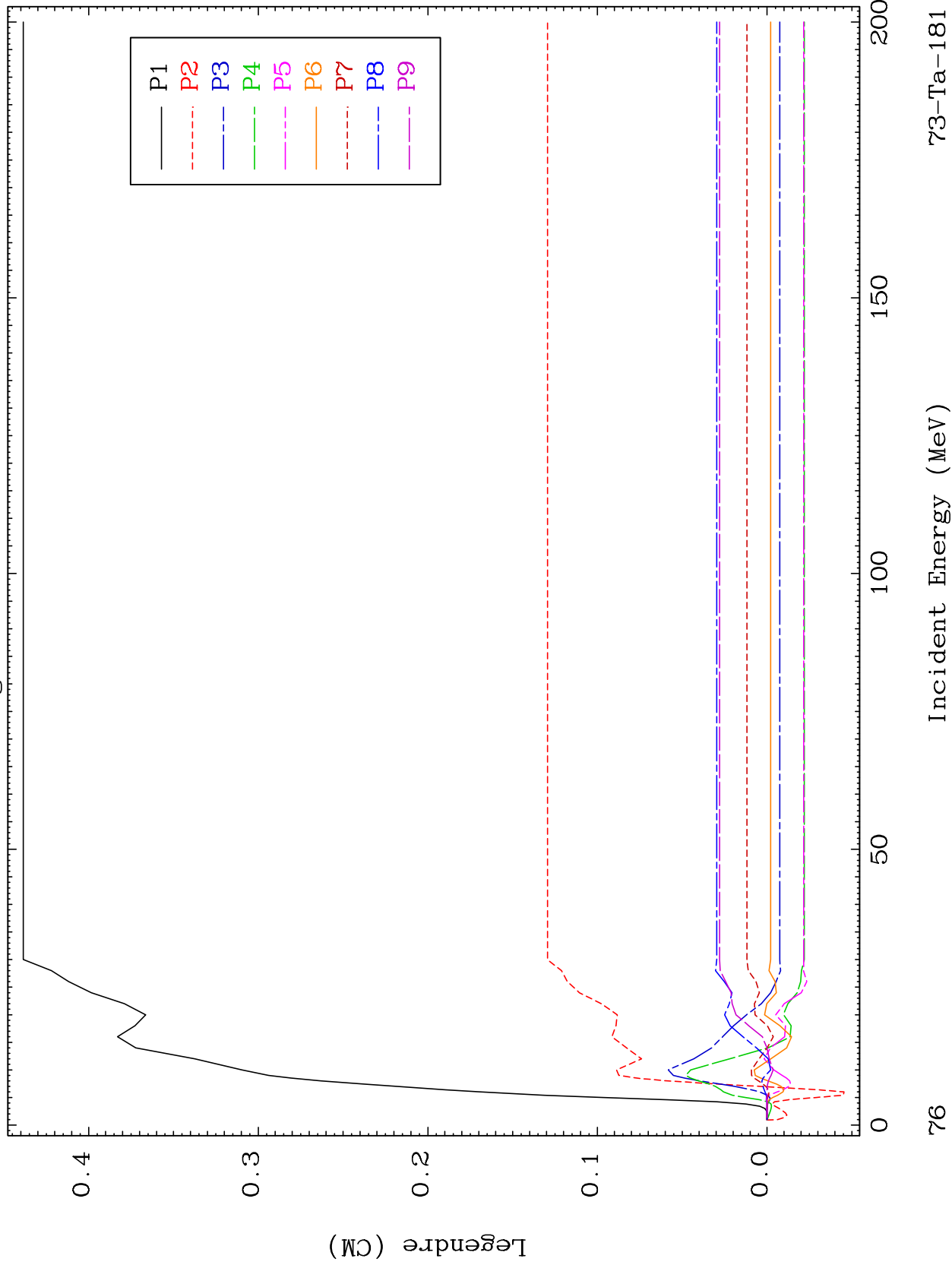
73-Ta-181



MAT 7328

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

73-Ta-181



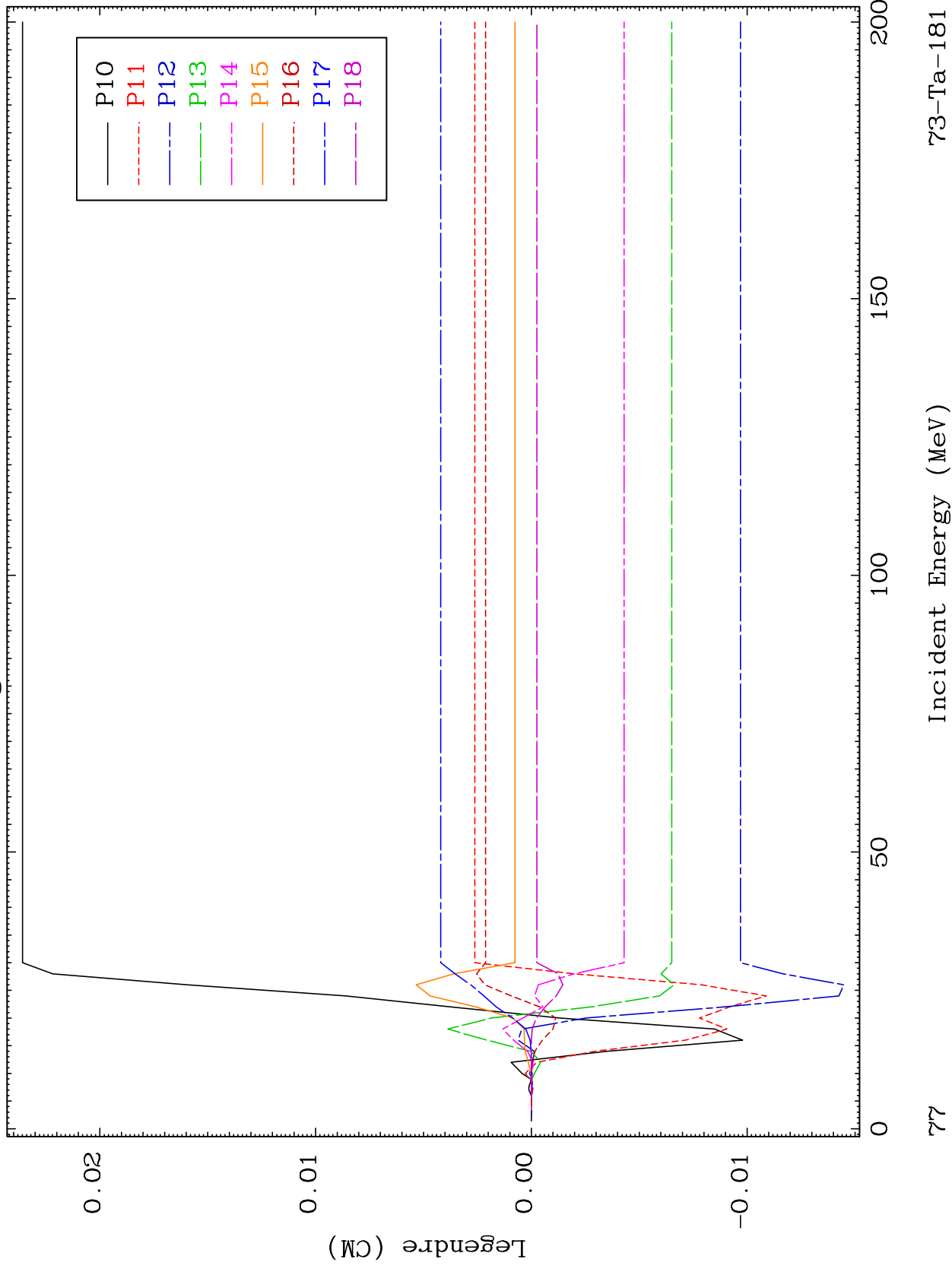
76

73-Ta-181

MAT 7328

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

73-Ta-181



77

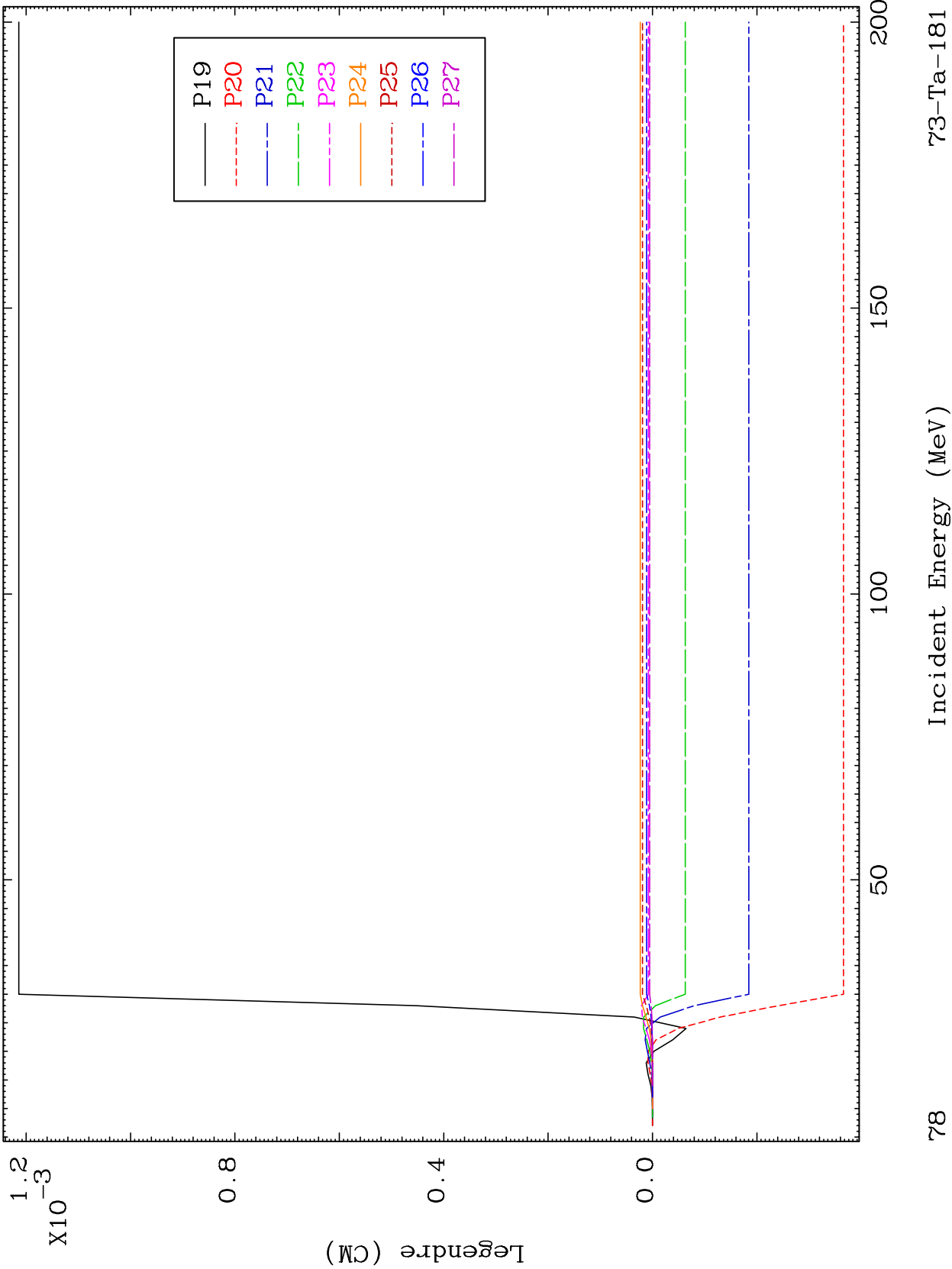
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

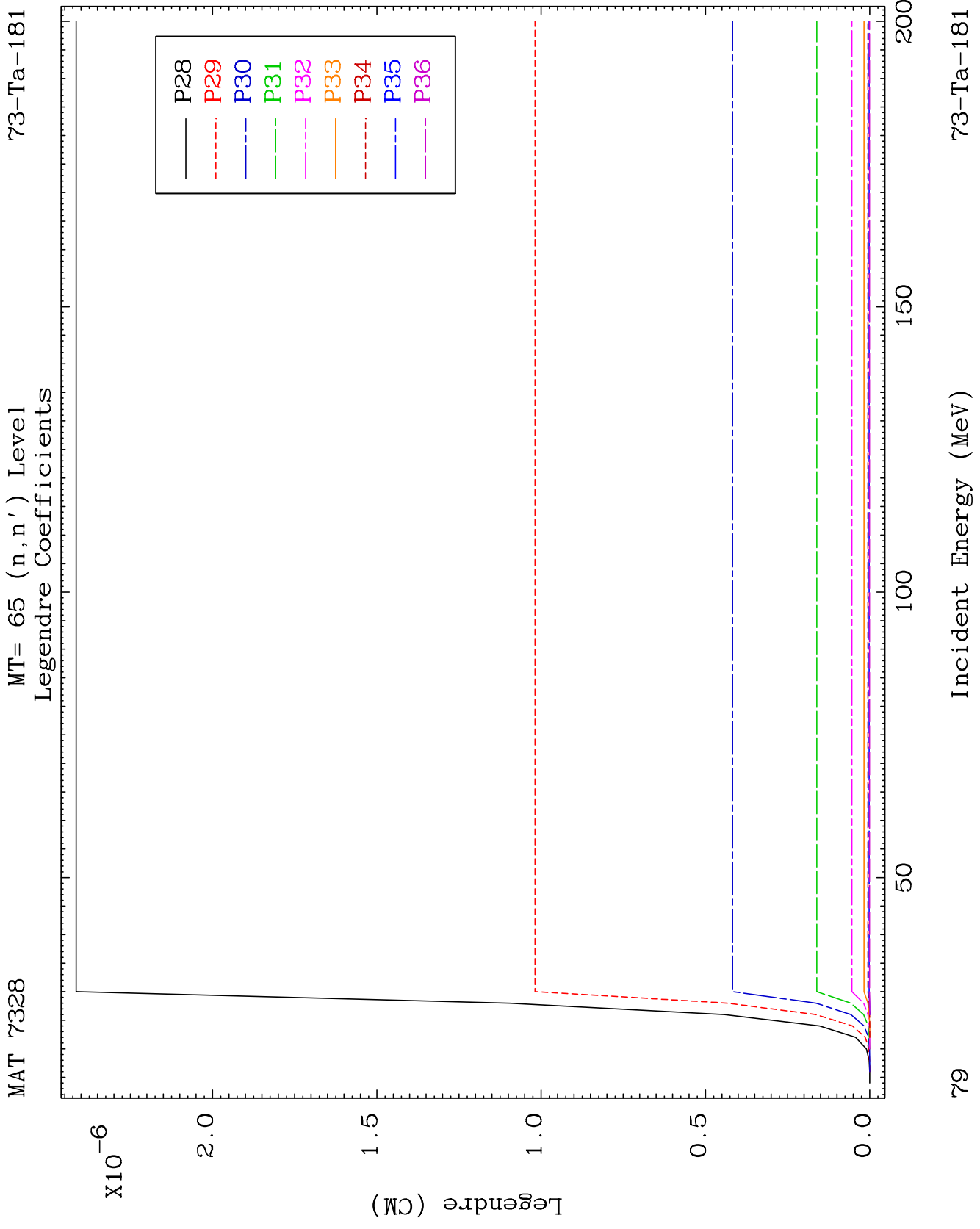
73-Ta-181



78

Incident Energy (MeV)

73-Ta-181

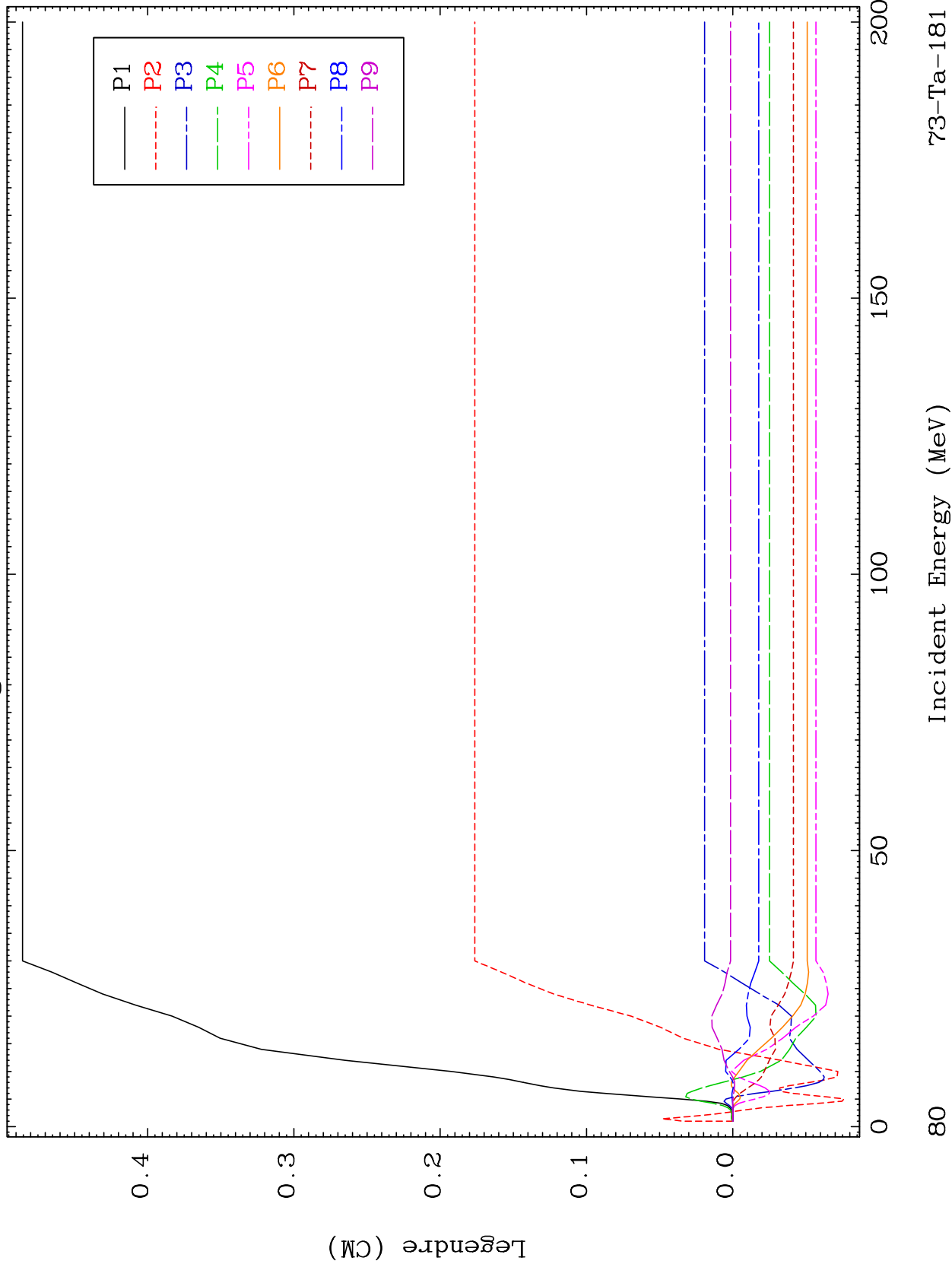




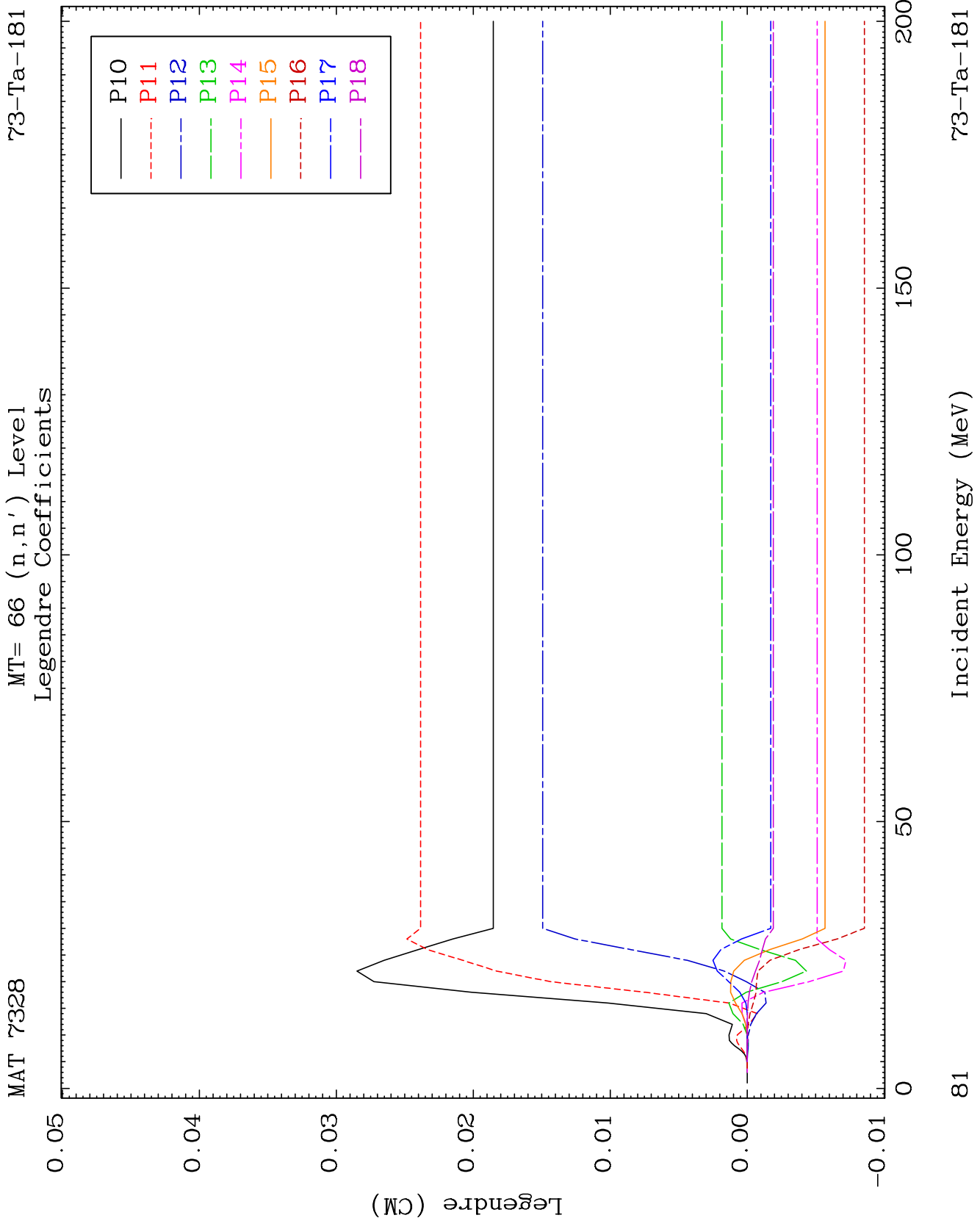
MAT 7328

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

73-Ta-181



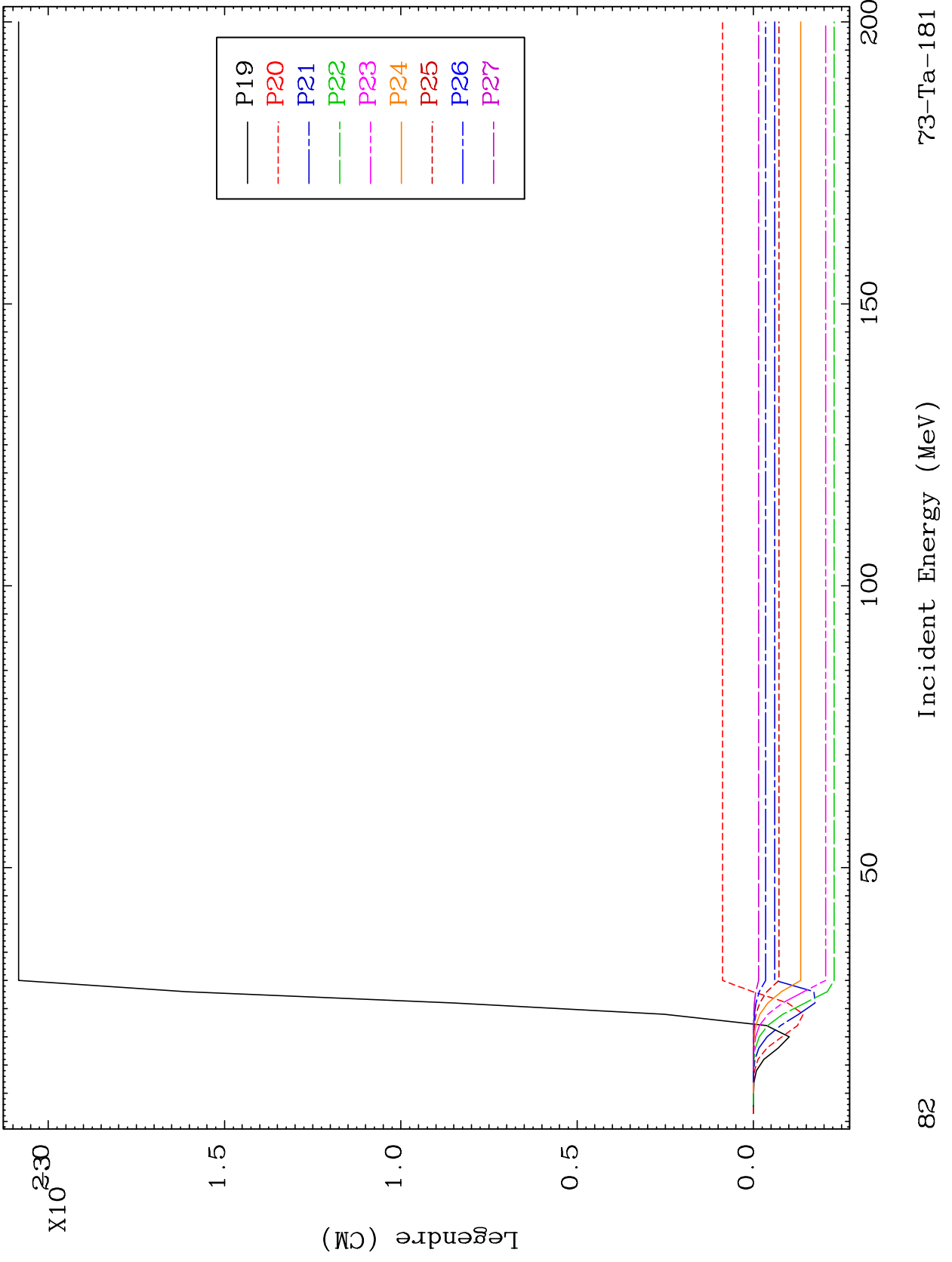
73-Ta-181



MAT 7328

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

73-Ta-181



82

Incident Energy (MeV)

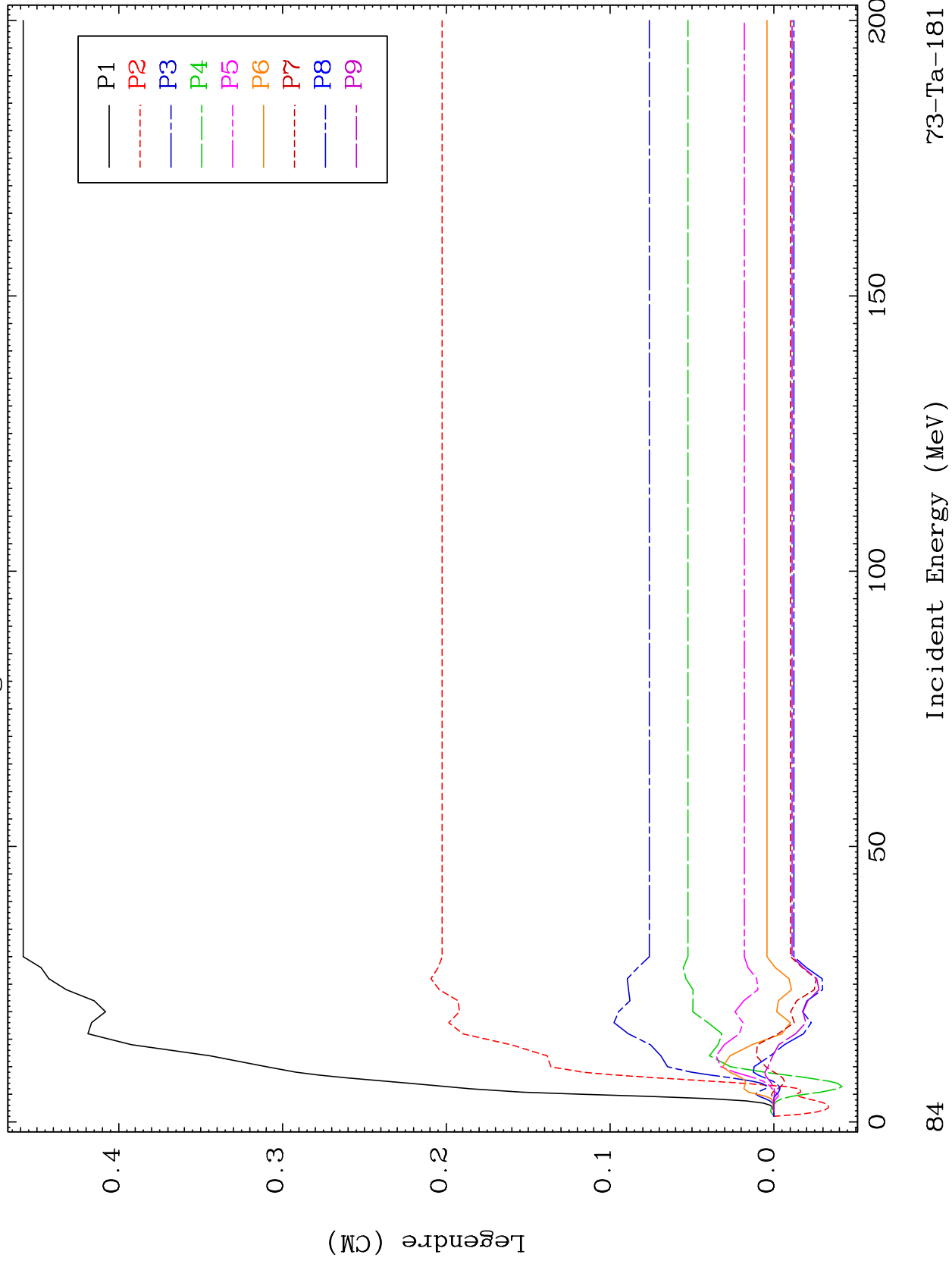
73-Ta-181



MAT 7328

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

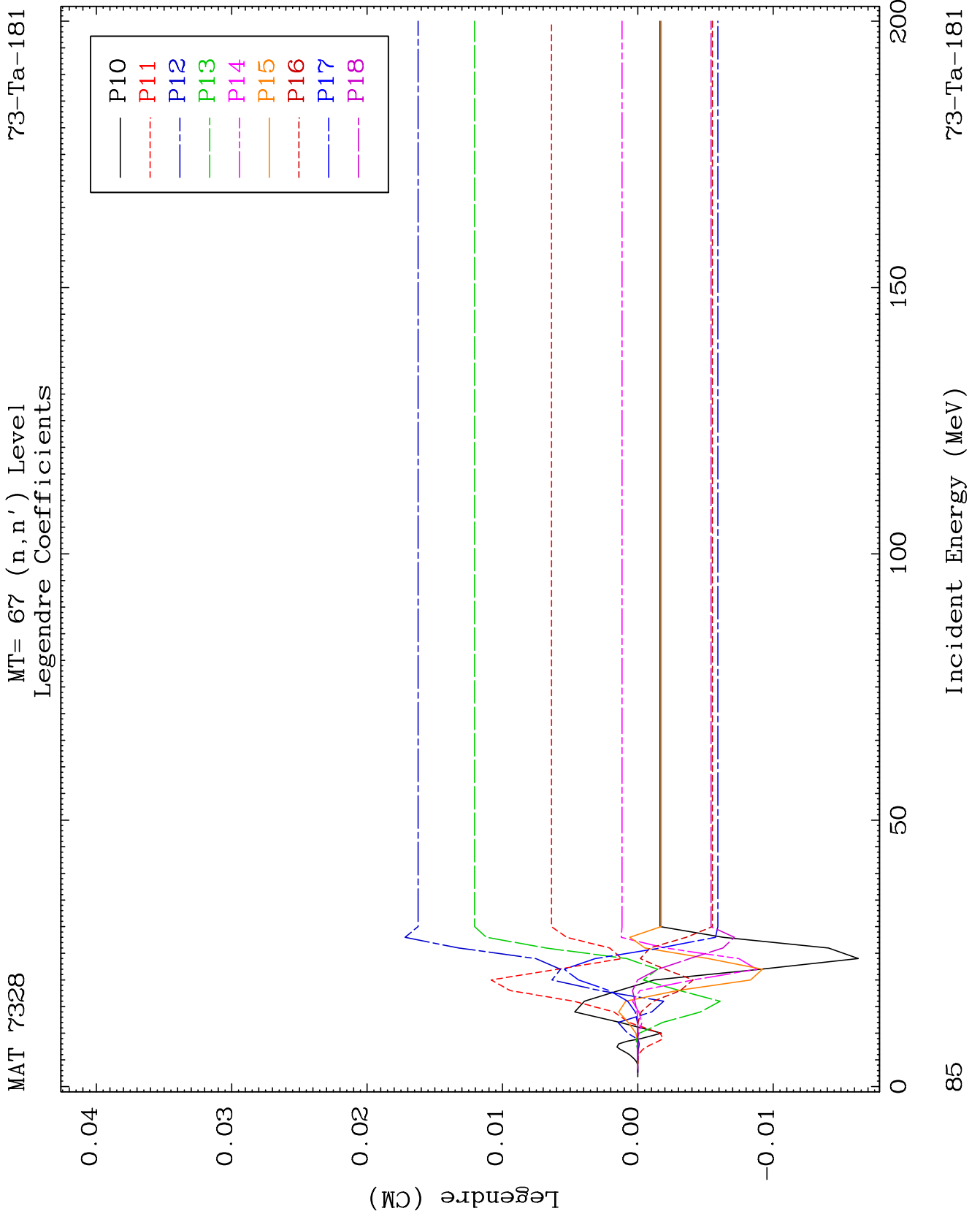
73-Ta-181



73-Ta-181

Incident Energy (MeV)

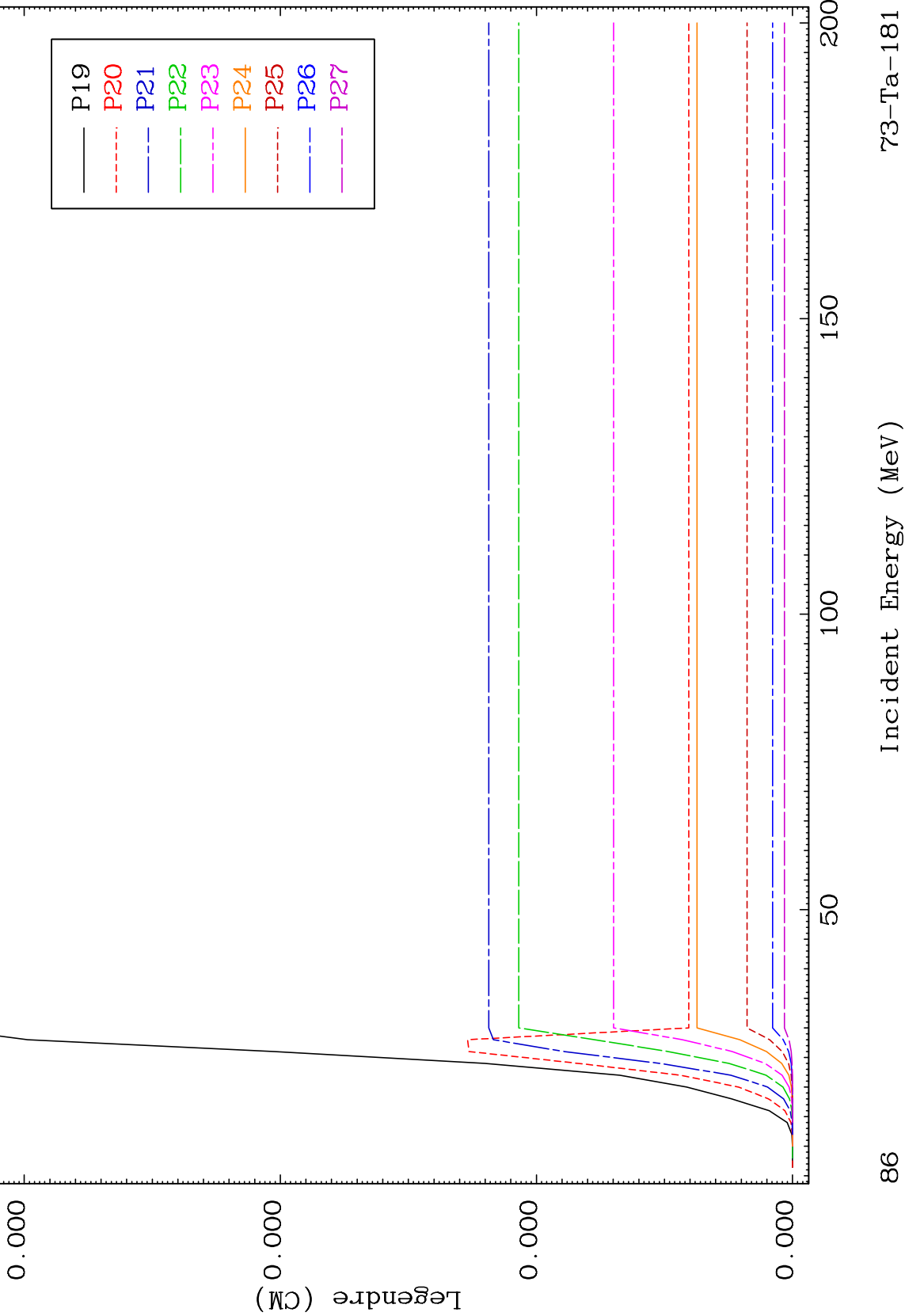
84



MAT 7328

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

73-Ta-181



86

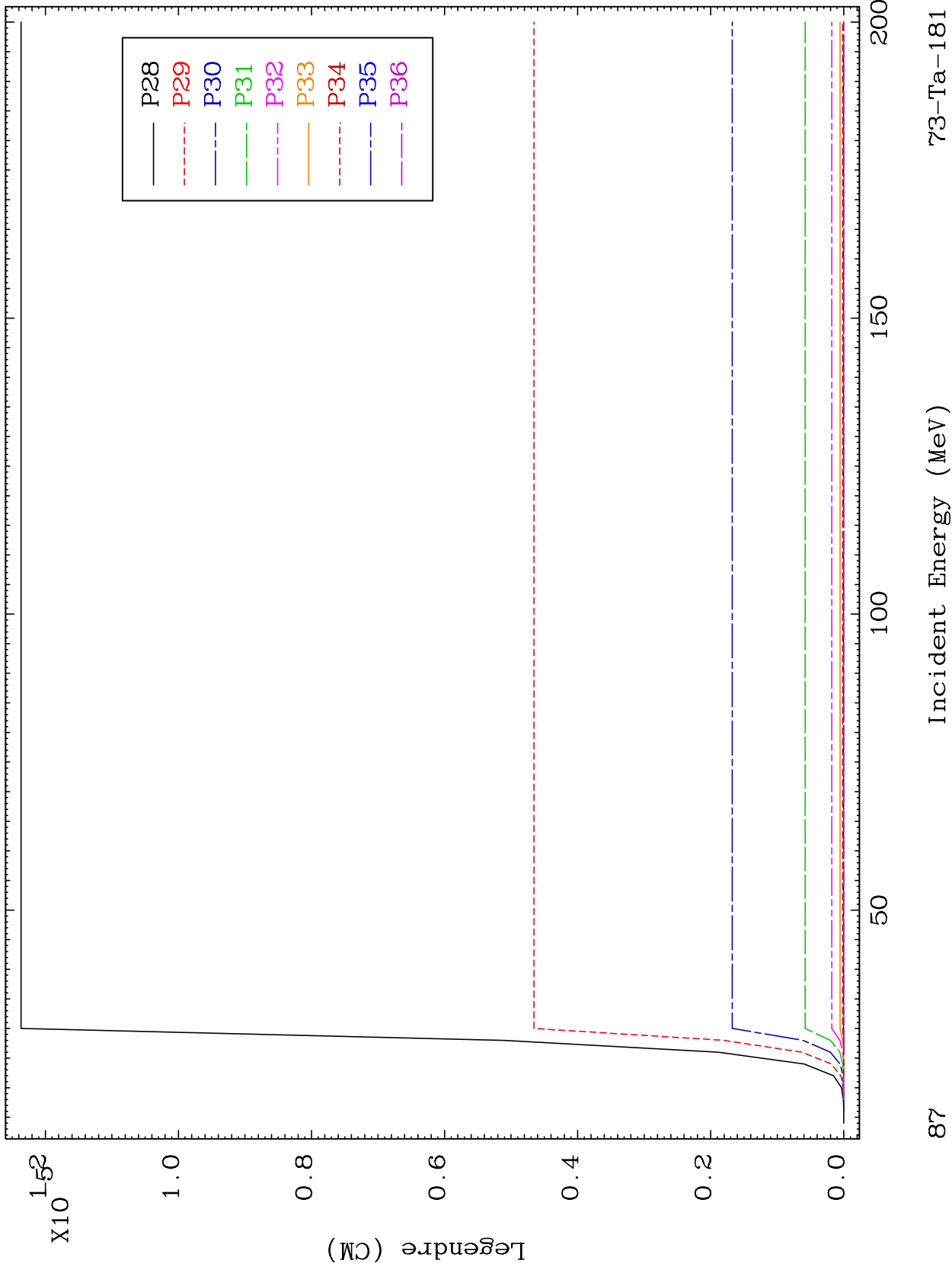
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181

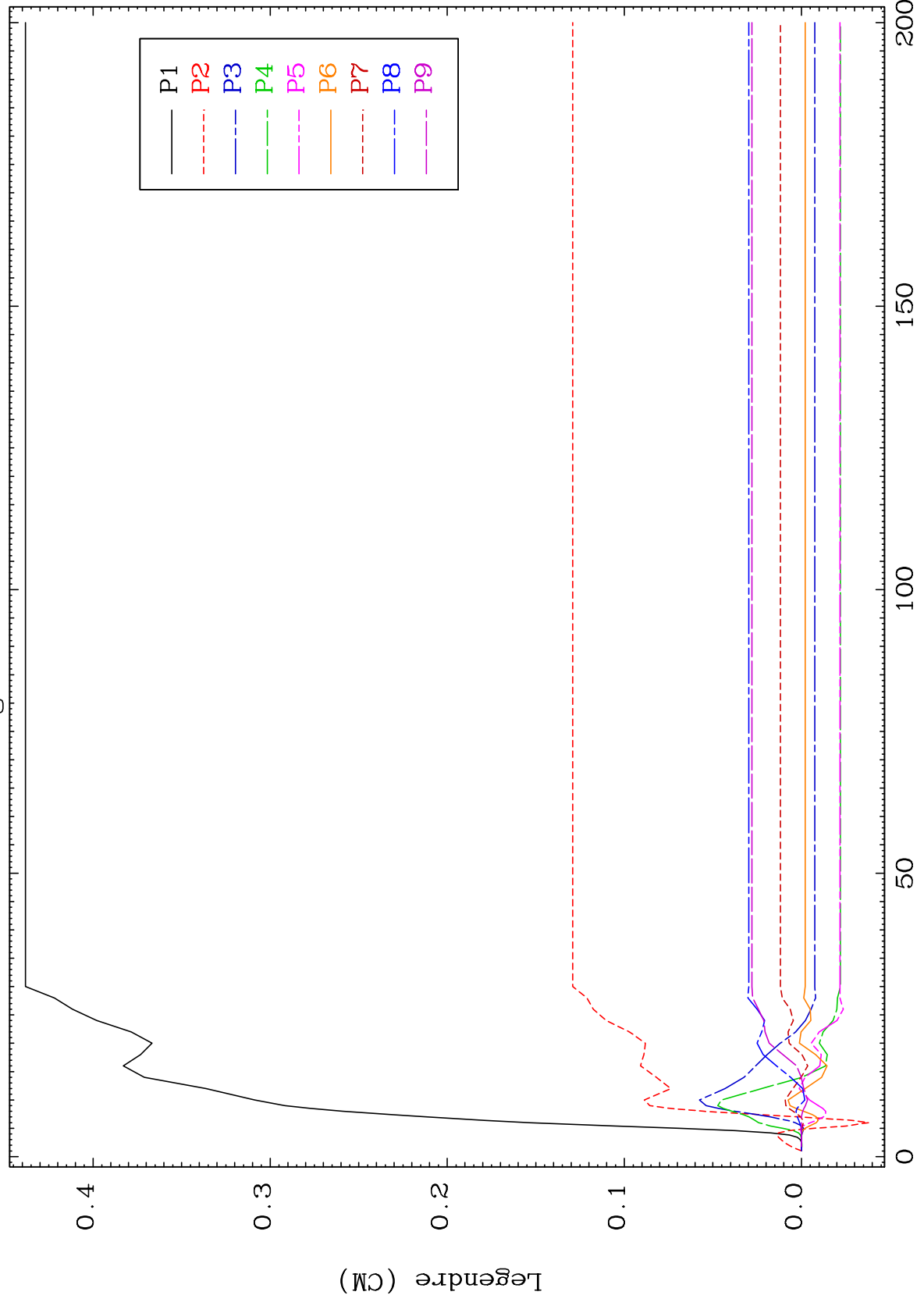




MAT 7328

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

73-Ta-181



88

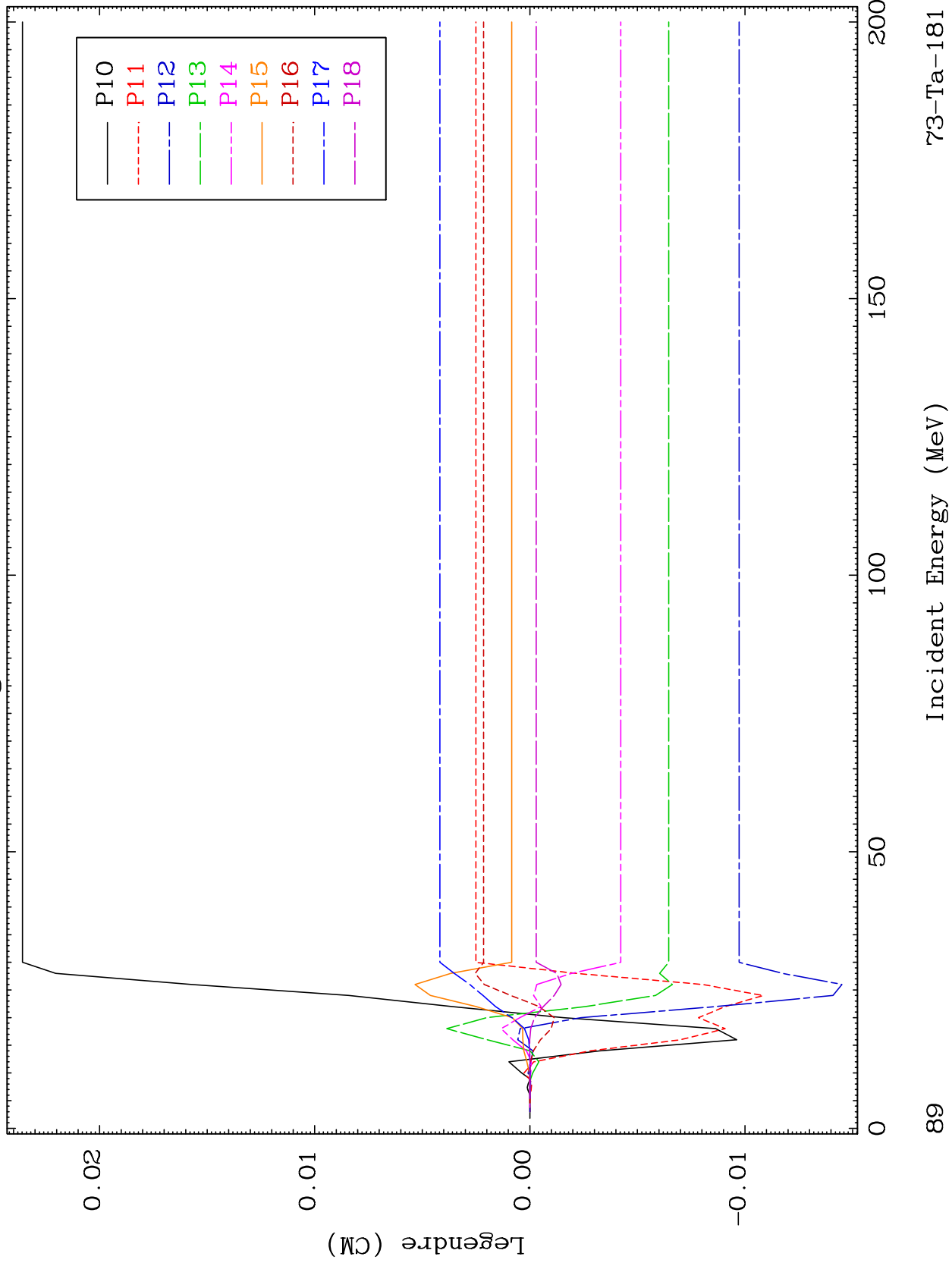
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

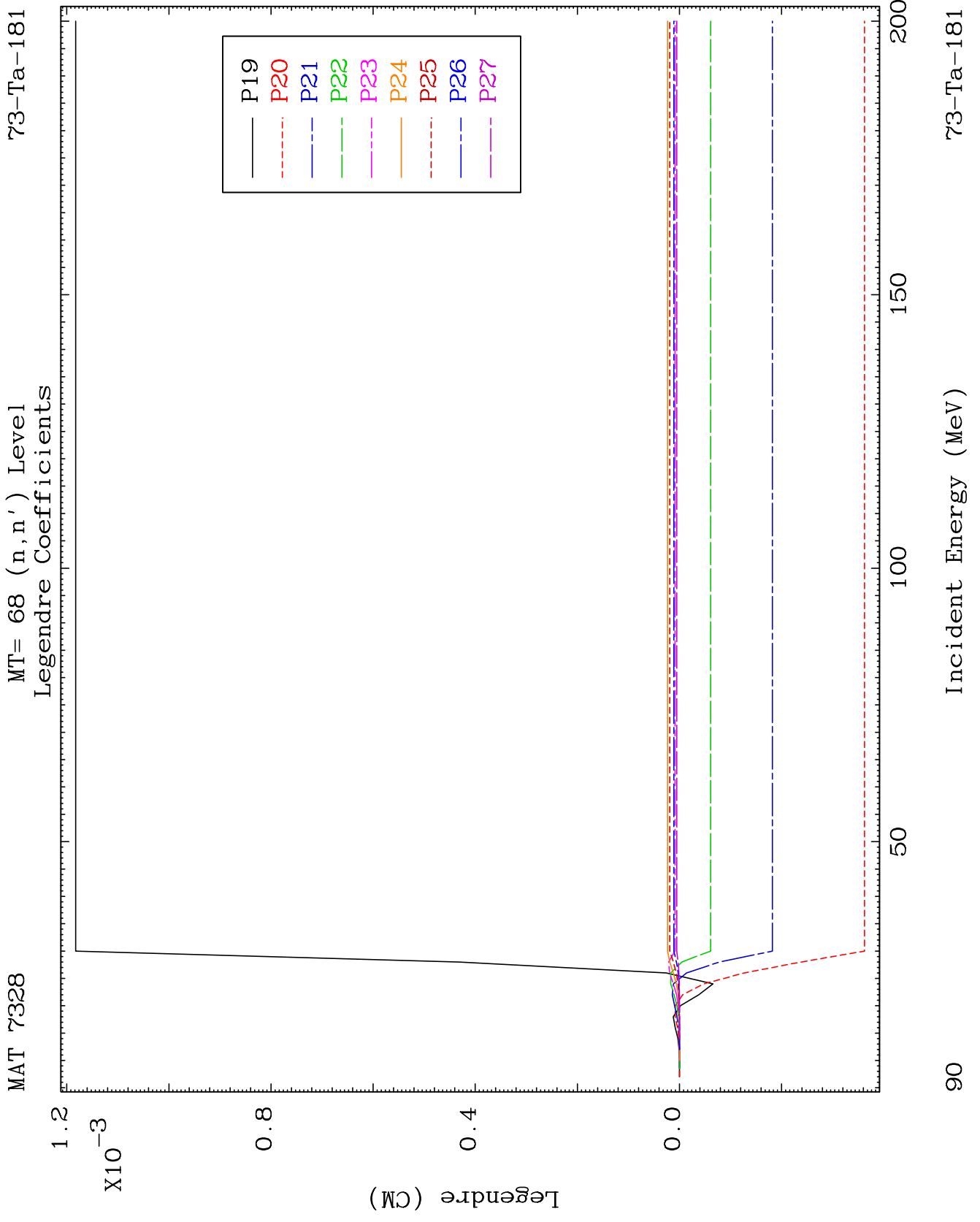
73-Ta-181

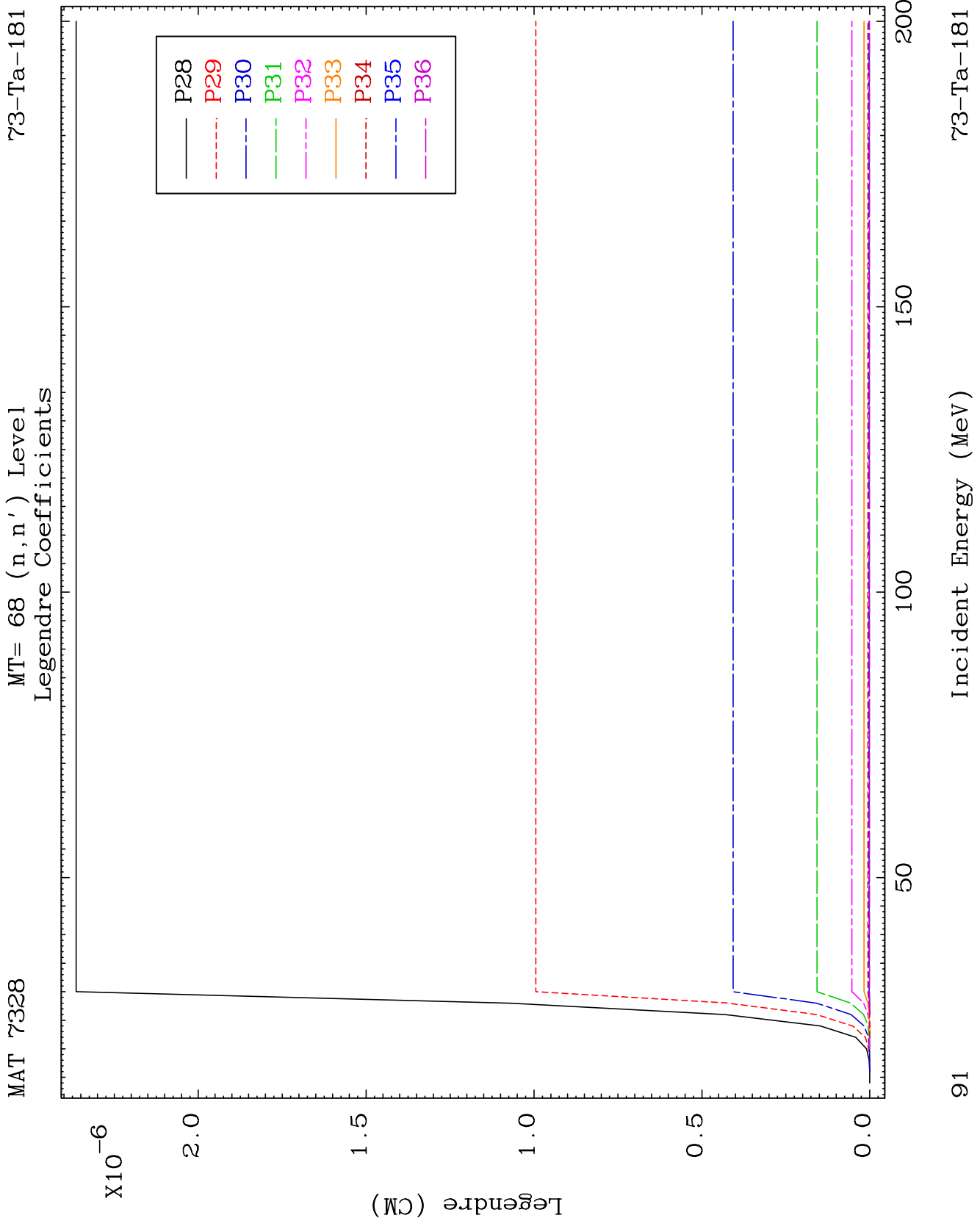


73-Ta-181

Incident Energy (MeV)

89

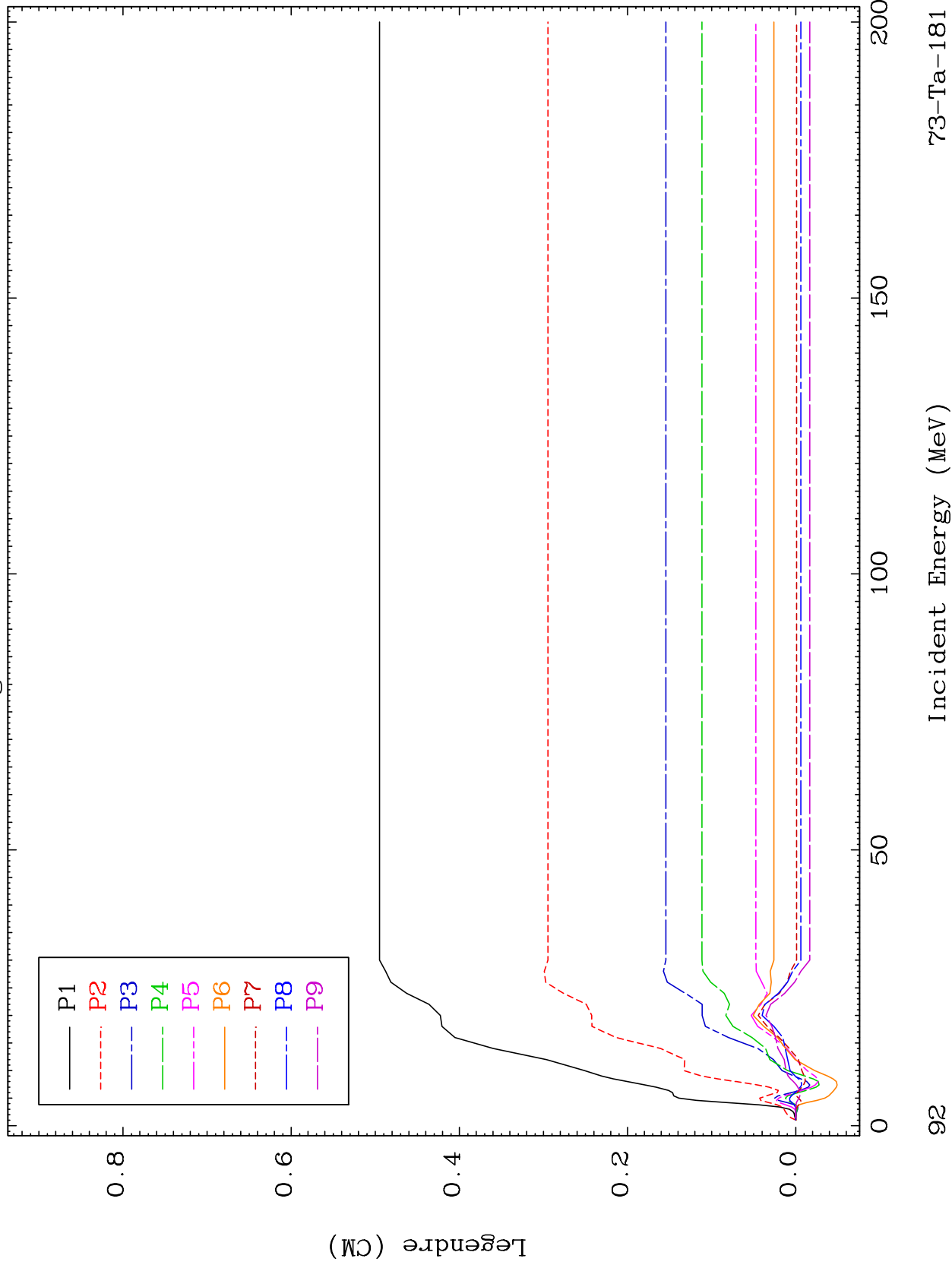




MAT 7328

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

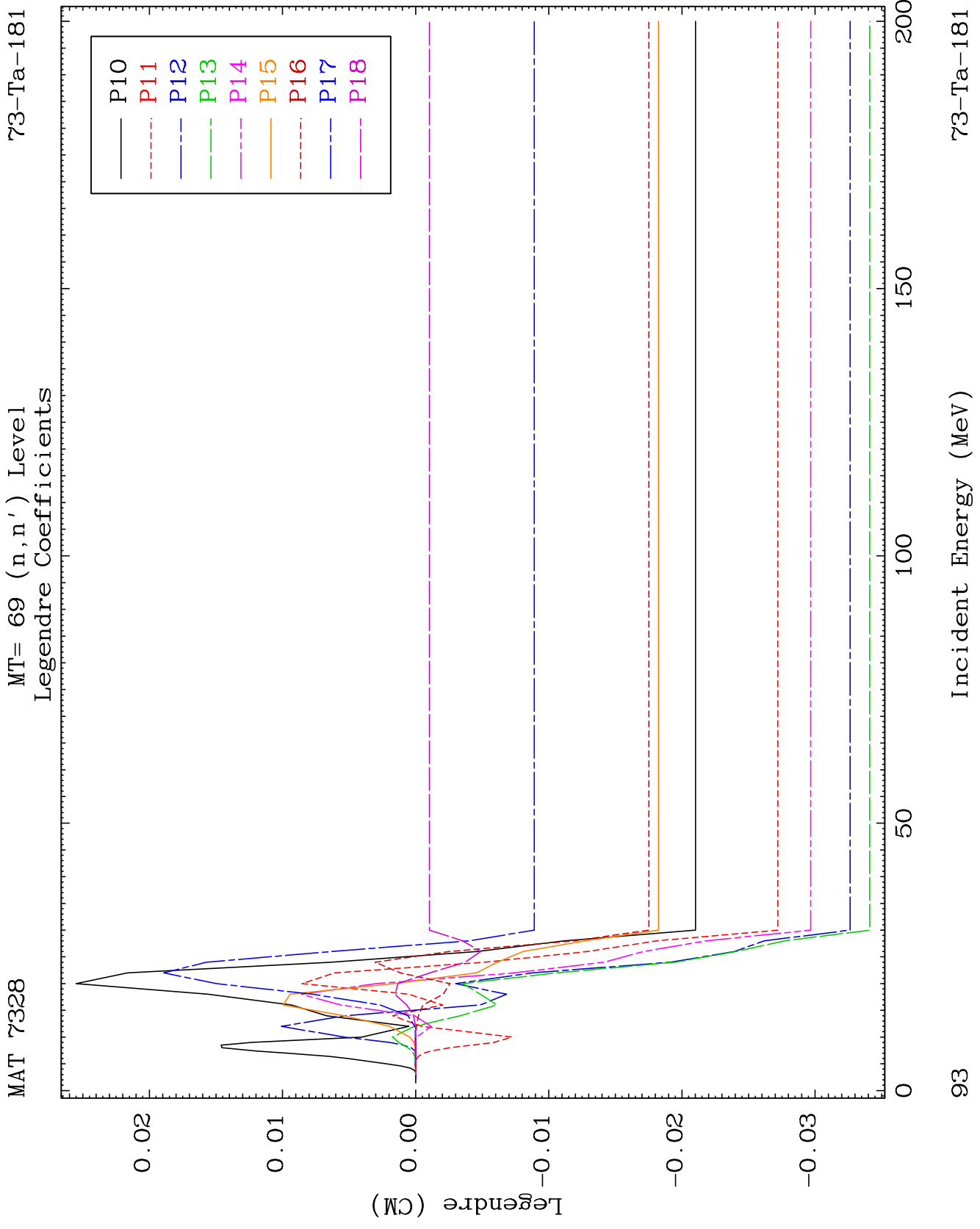
<sup>73</sup>Ta-181



<sup>73</sup>Ta-181

Incident Energy (MeV)

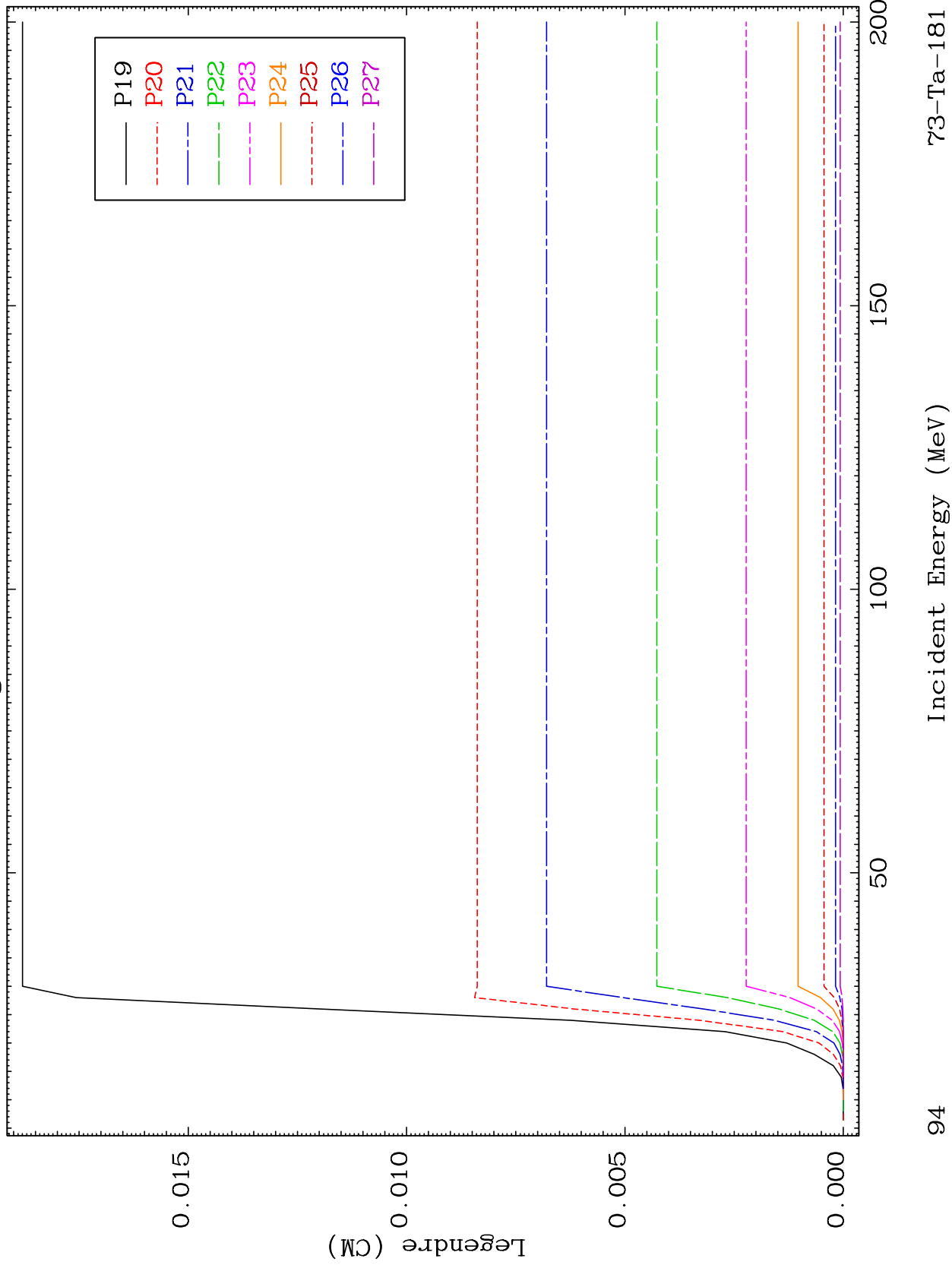
92



MAT 7328

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

73-Ta-181



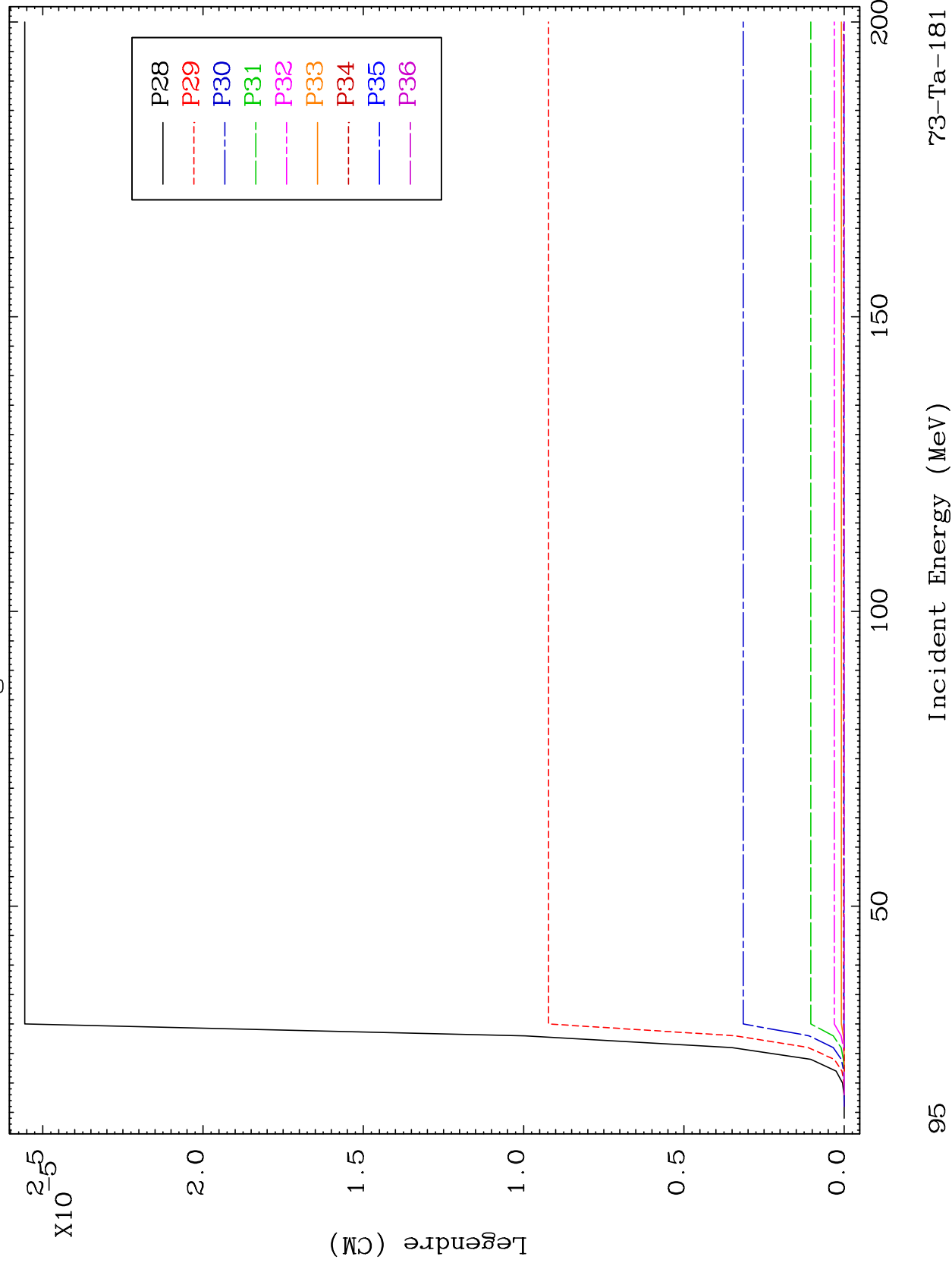
94

73-Ta-181

MAT 7328

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

73-Ta-181

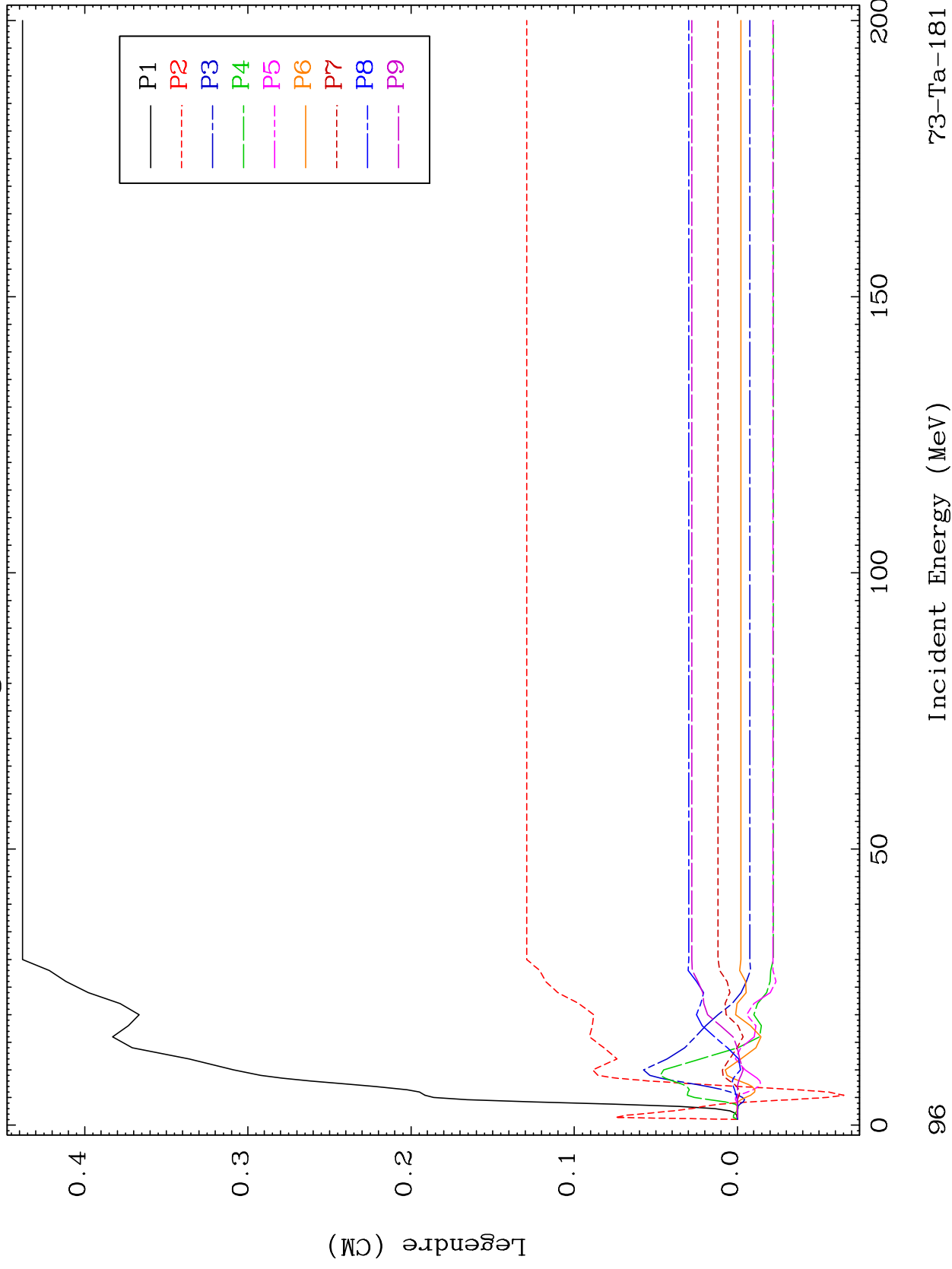




MAT 7328

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

73-Ta-181



96

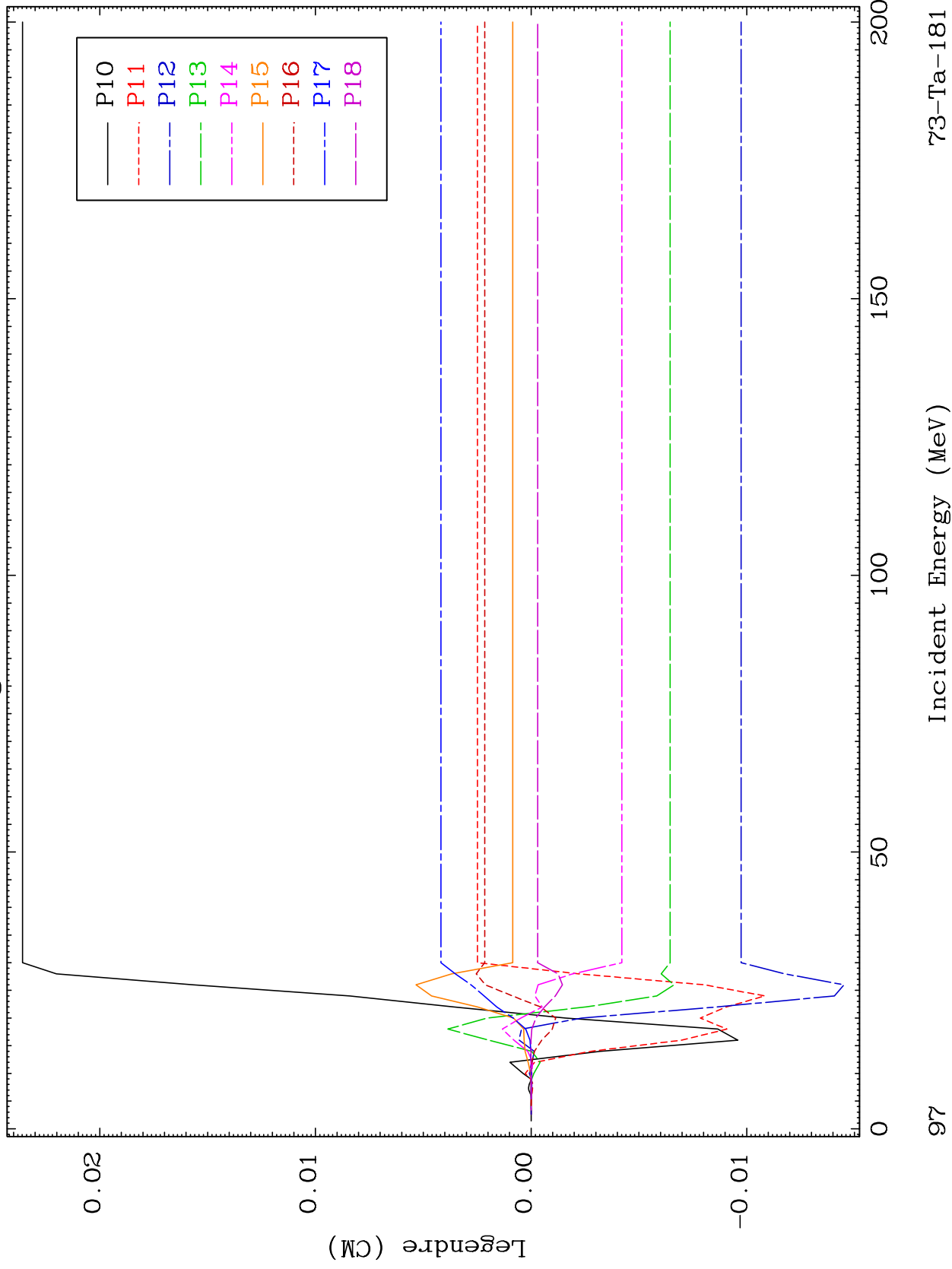
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181

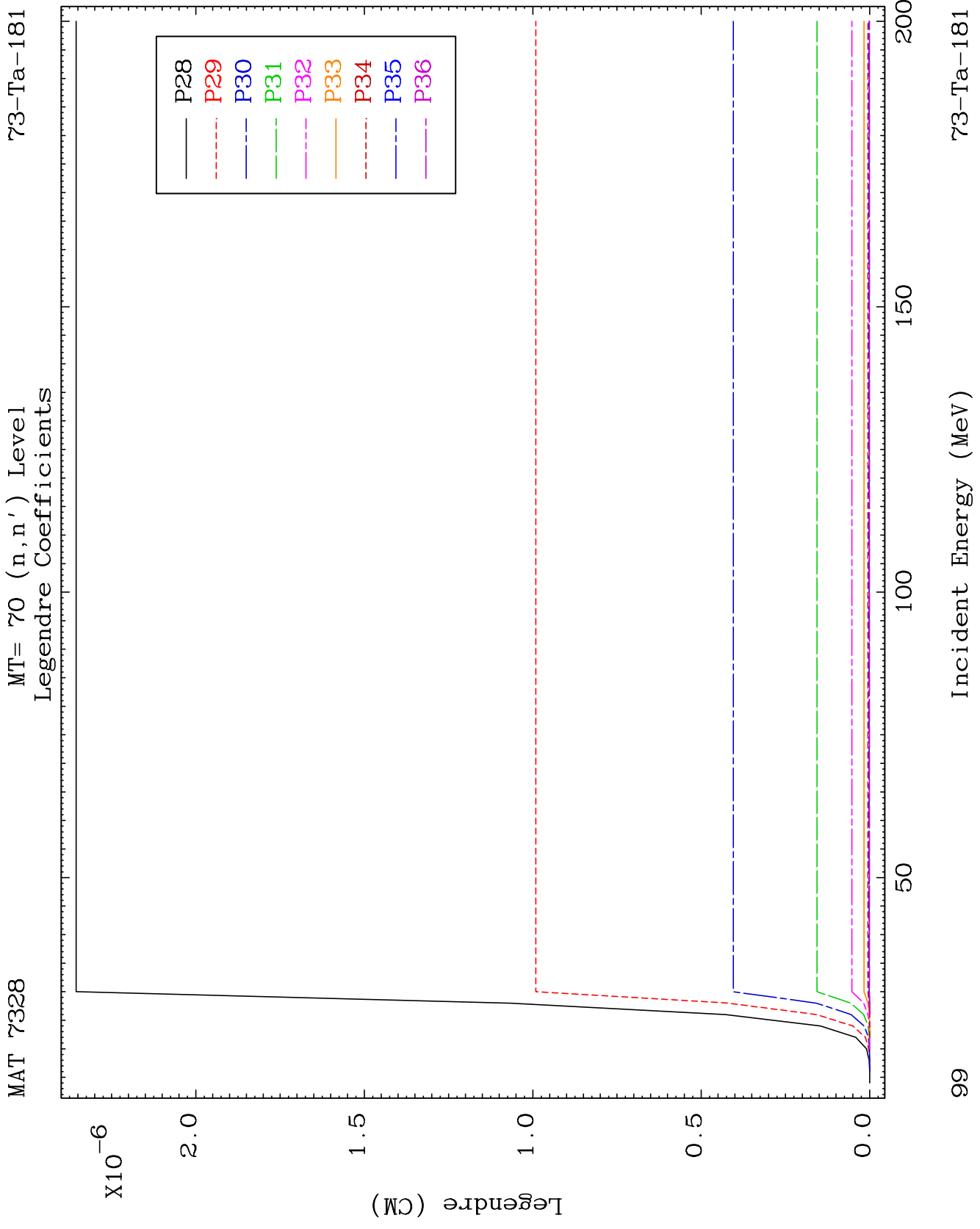


73-Ta-181

Incident Energy (MeV)

97





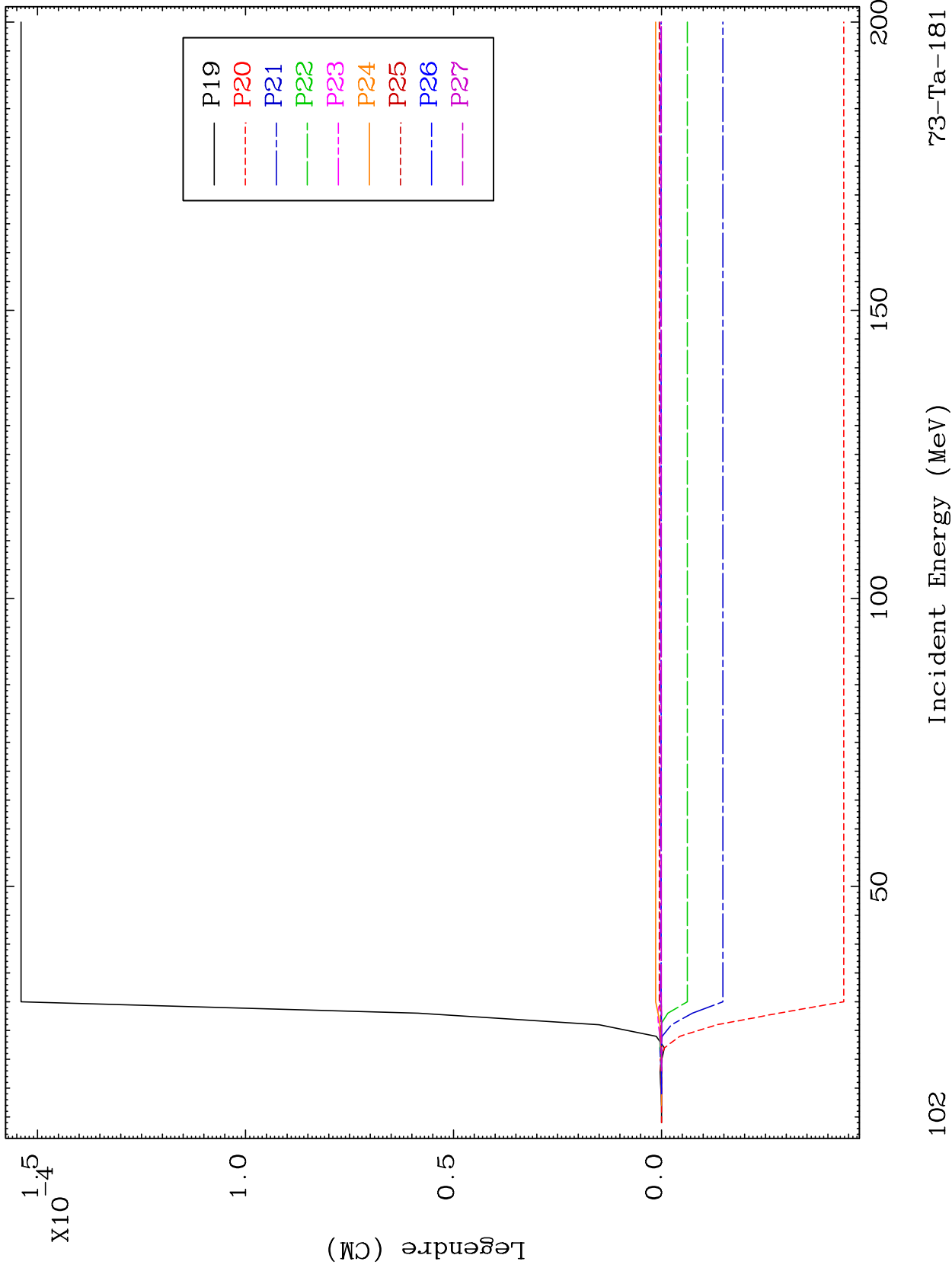


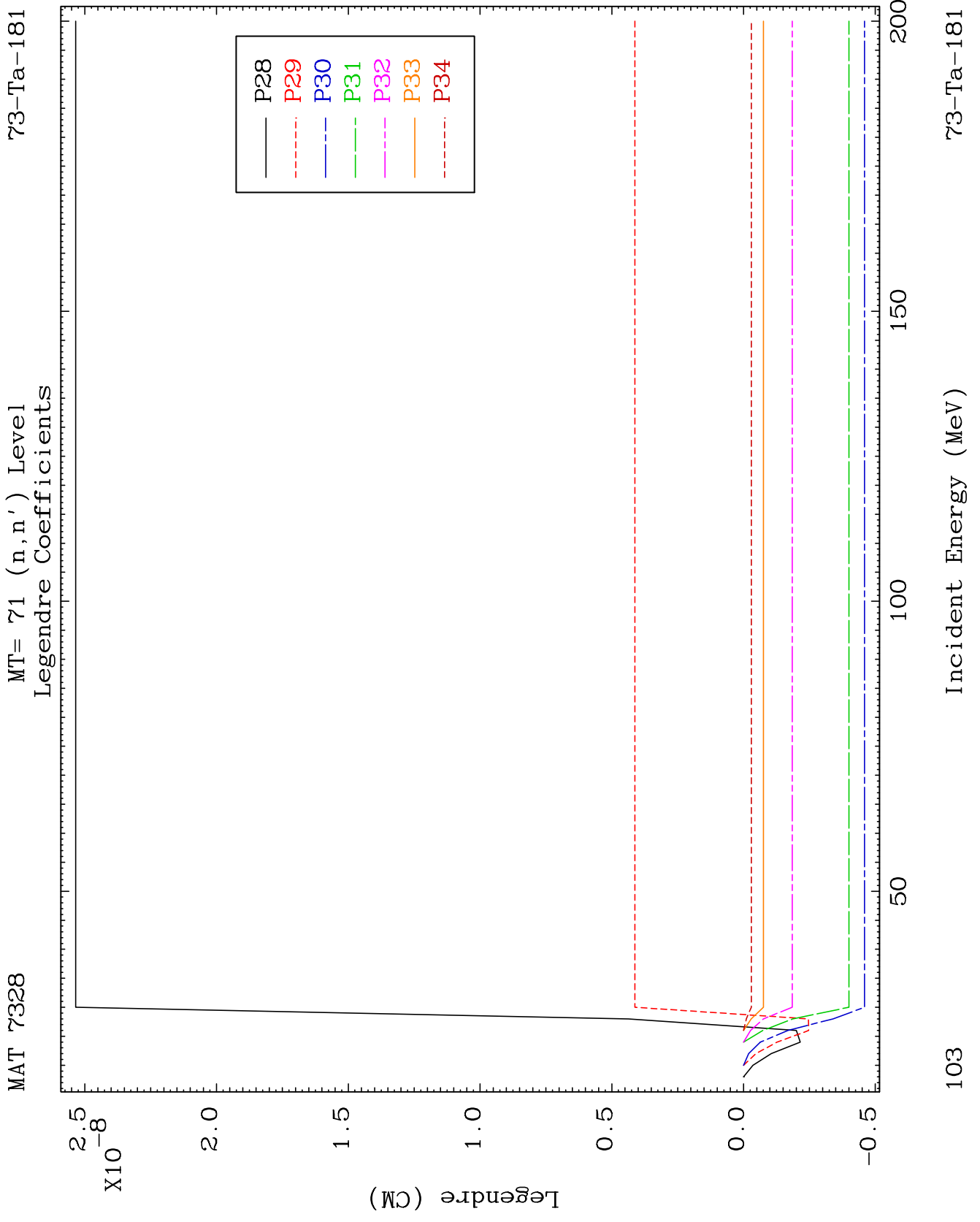


MAT 7328

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

73-Ta-181



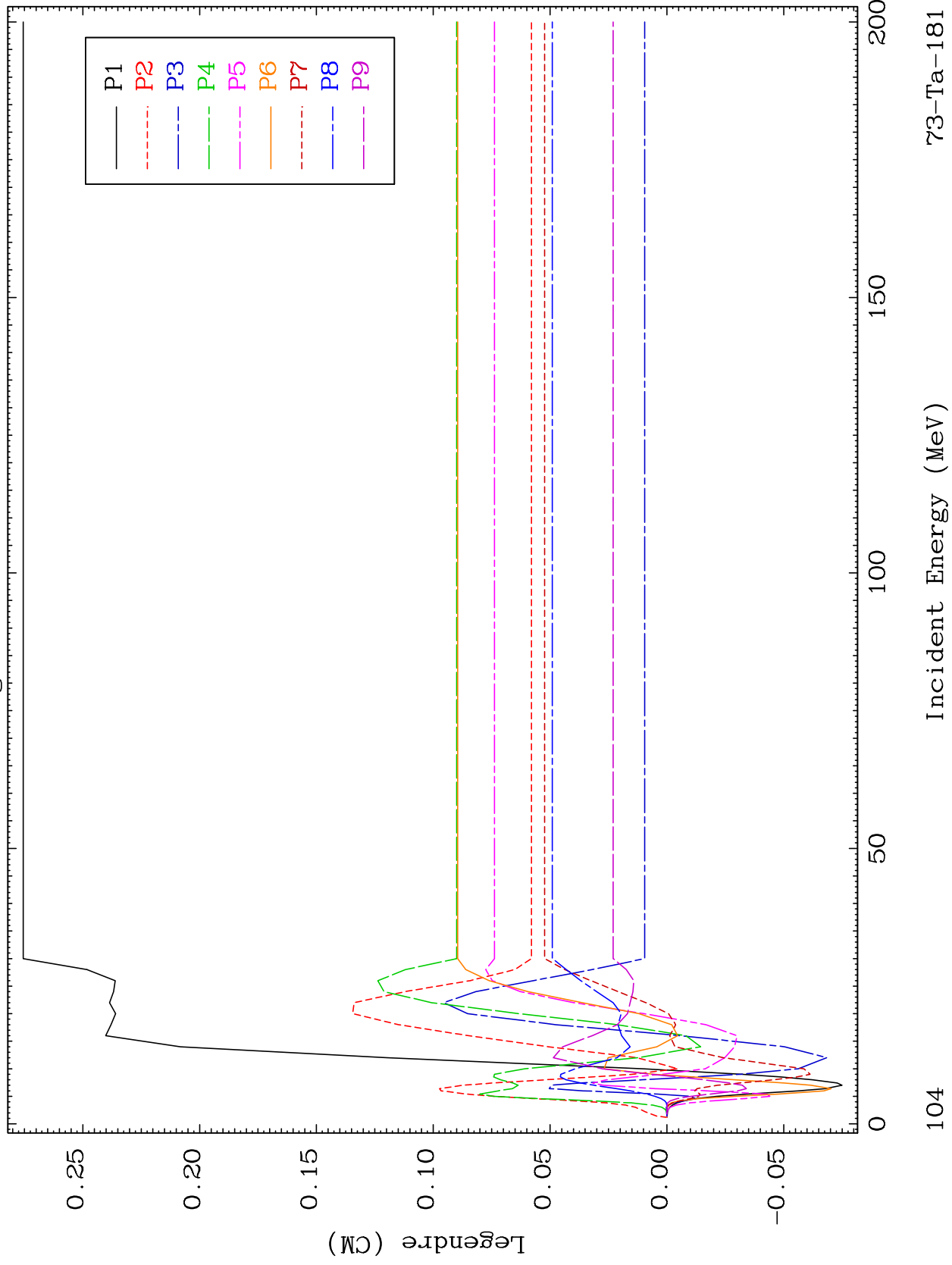




MAT 7328

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

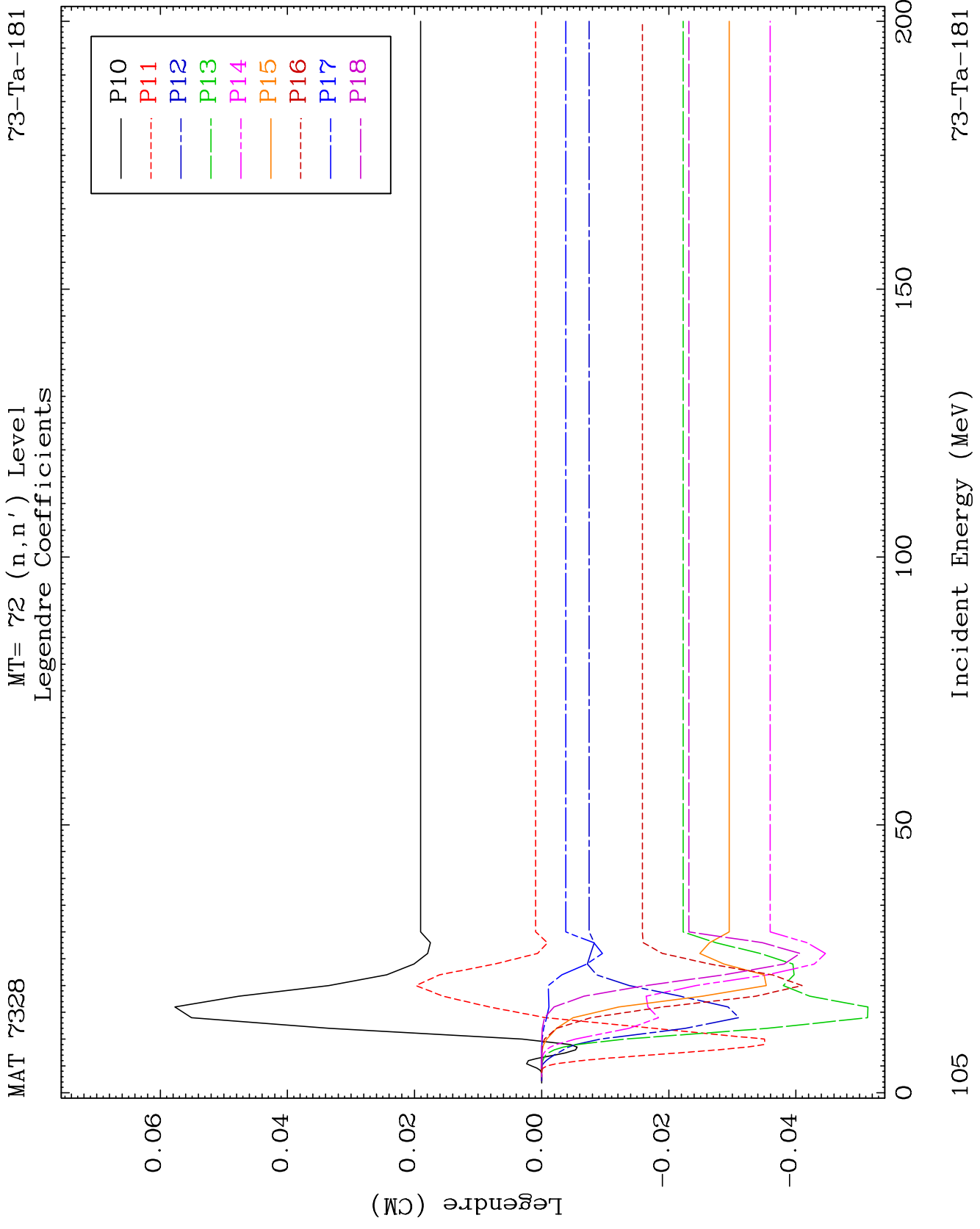
73-Ta-181

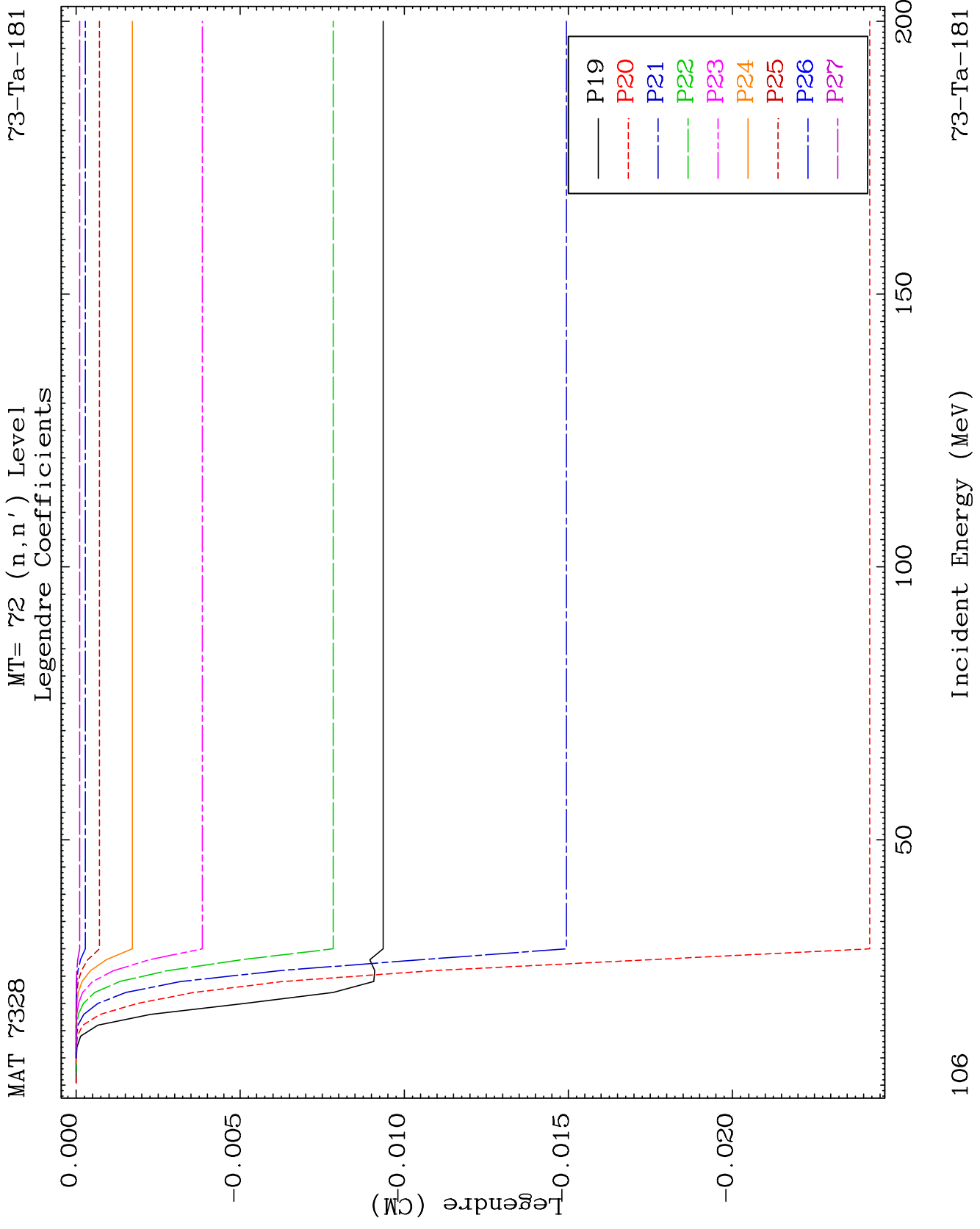


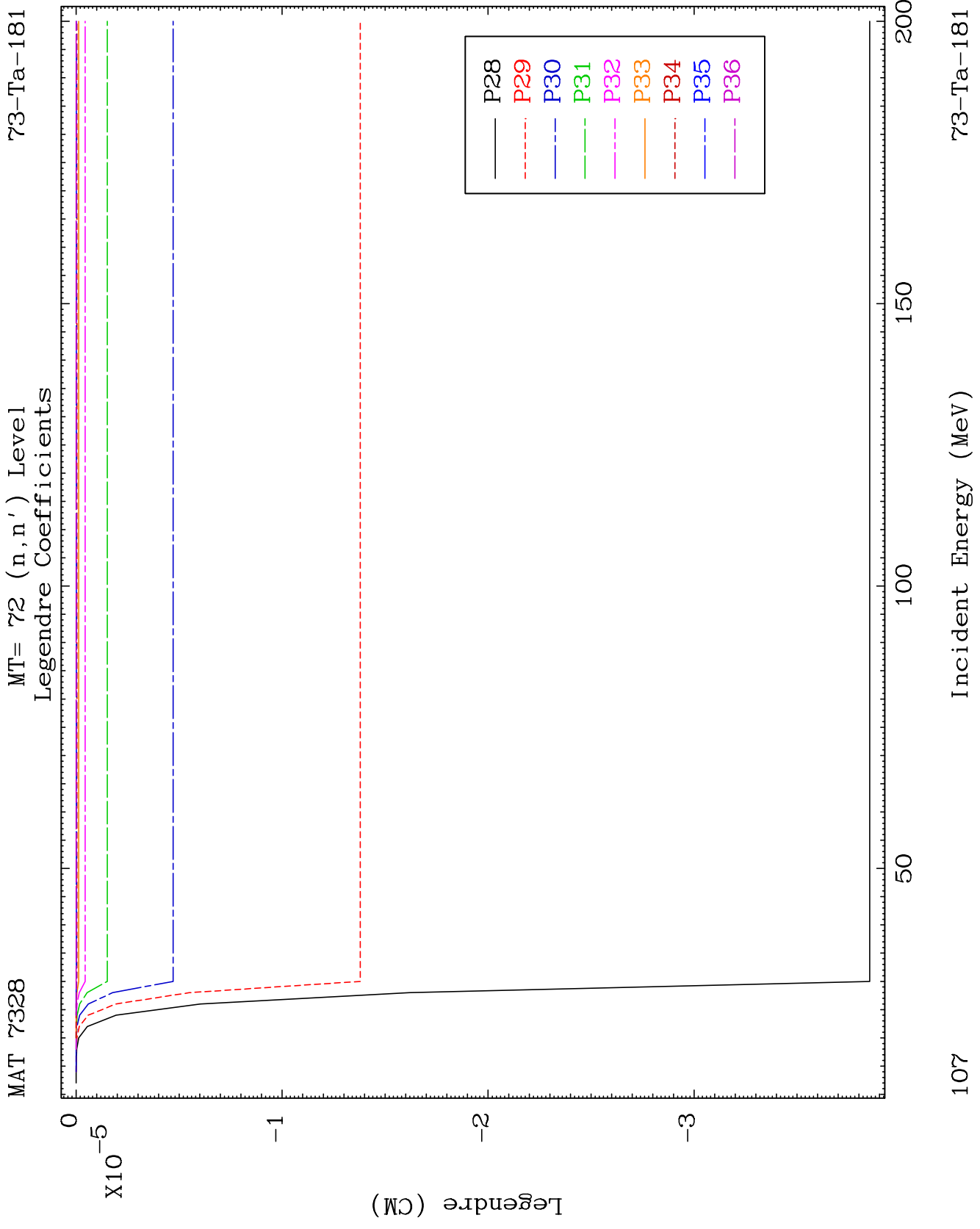
73-Ta-181

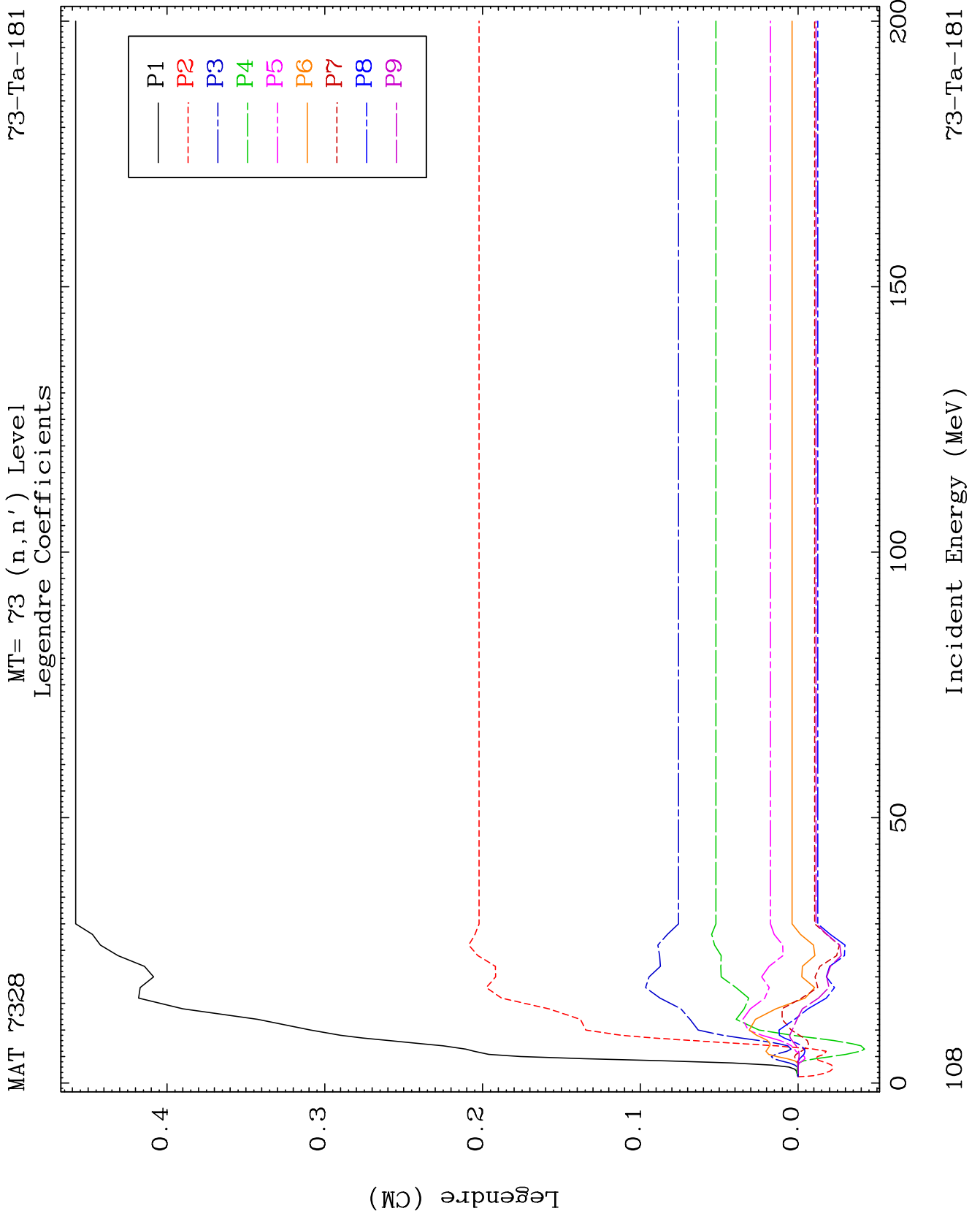
Incident Energy (MeV)

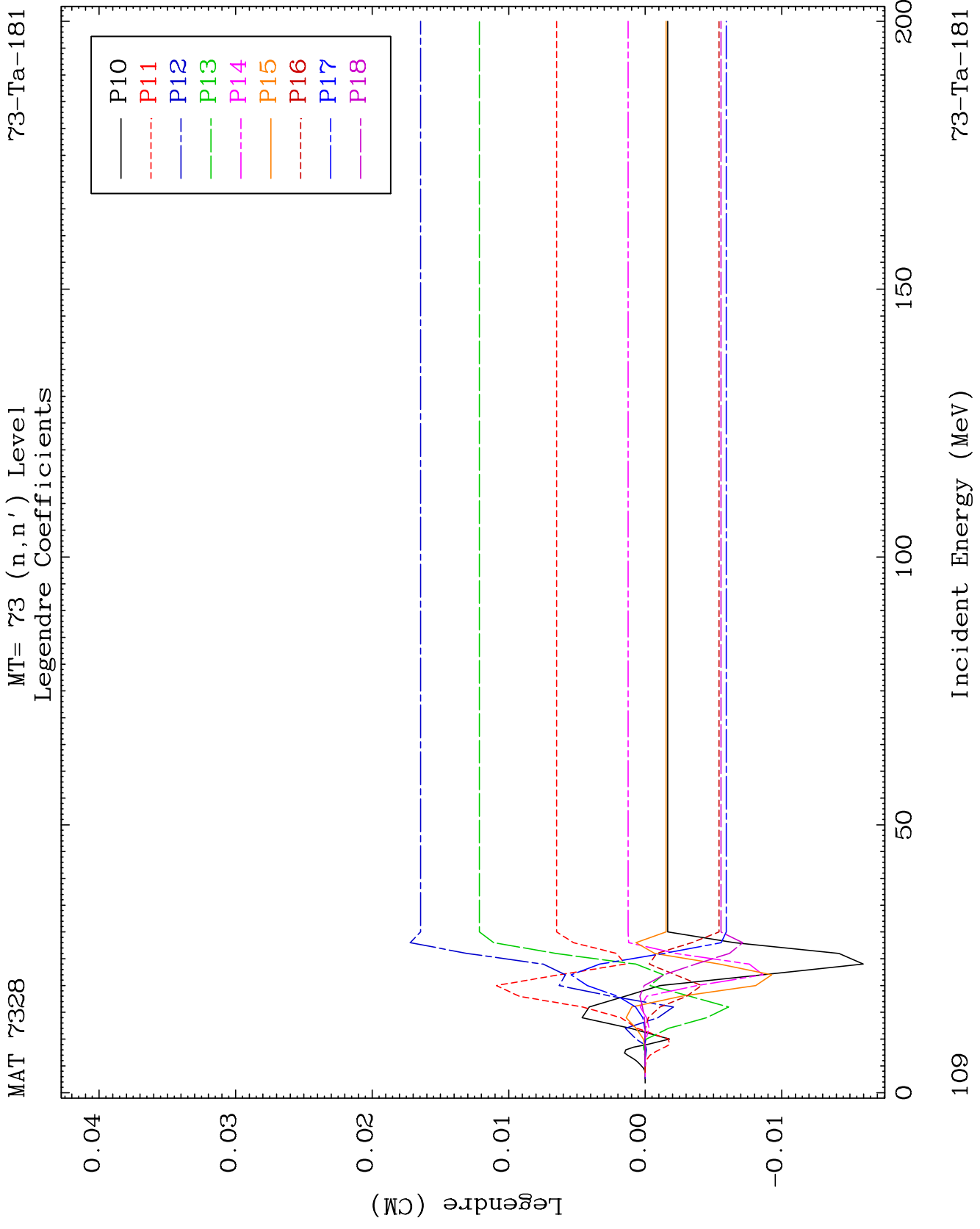
104







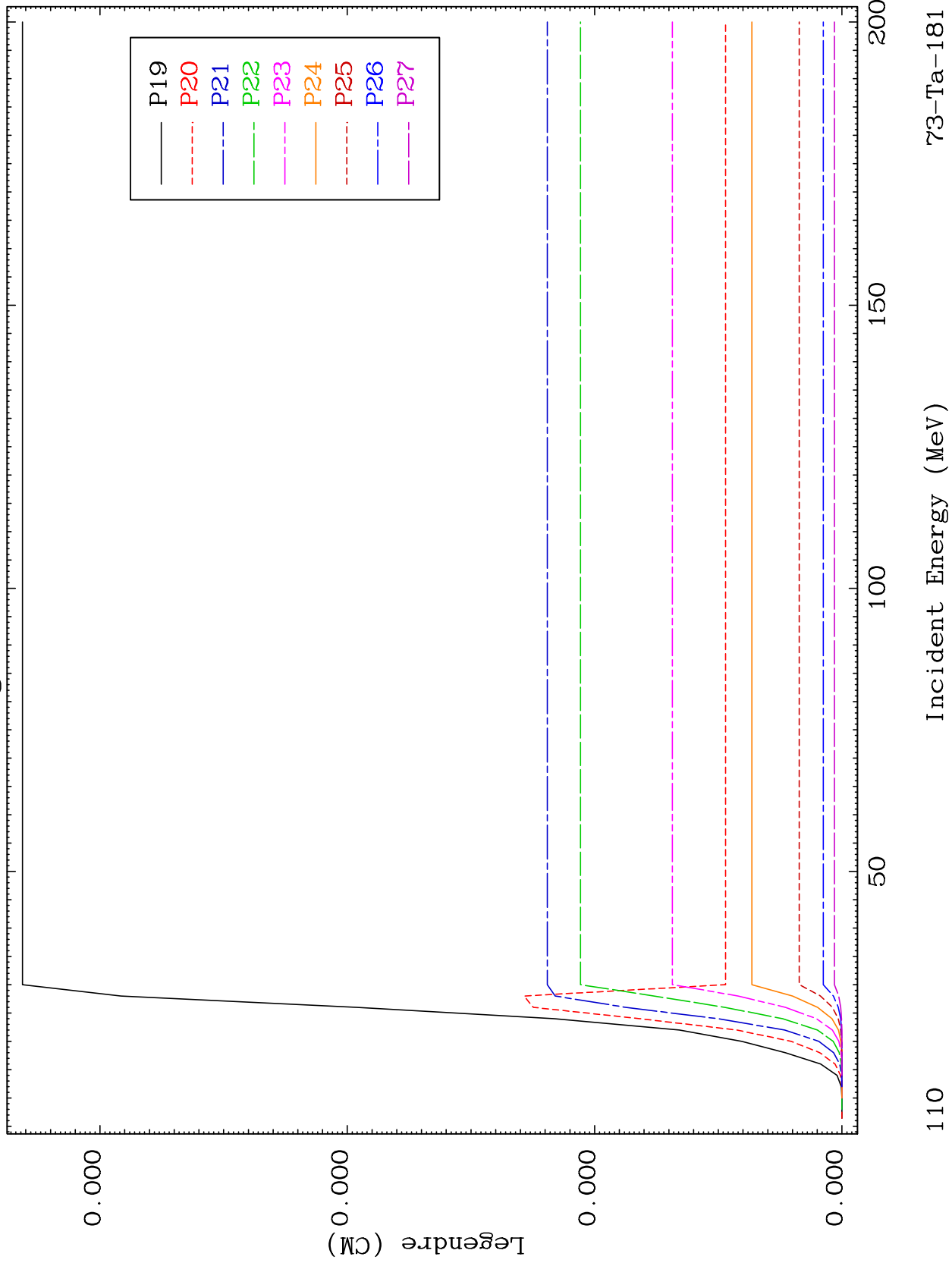




MAT 7328

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

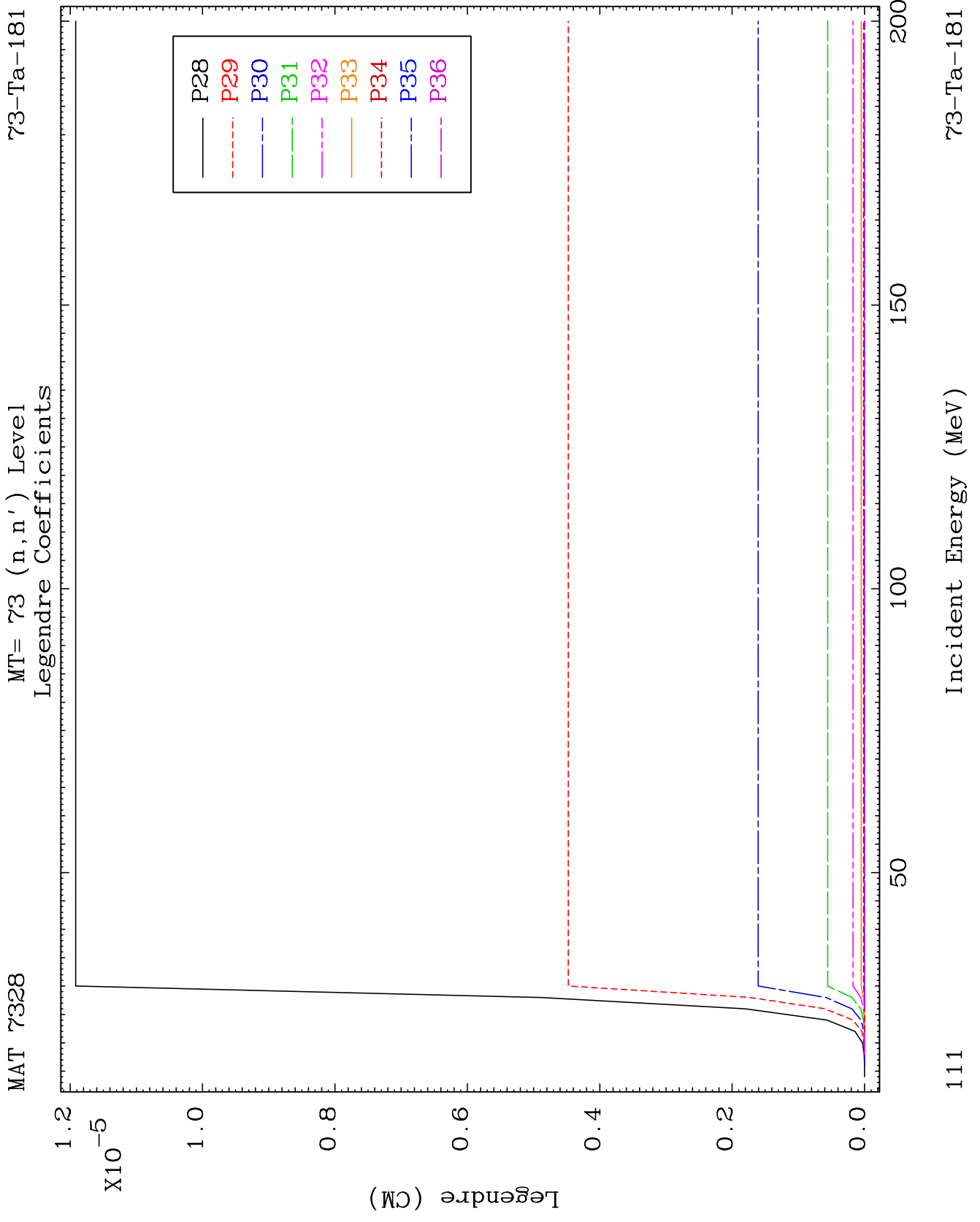
73-Ta-181



110

Incident Energy (MeV)

73-Ta-181

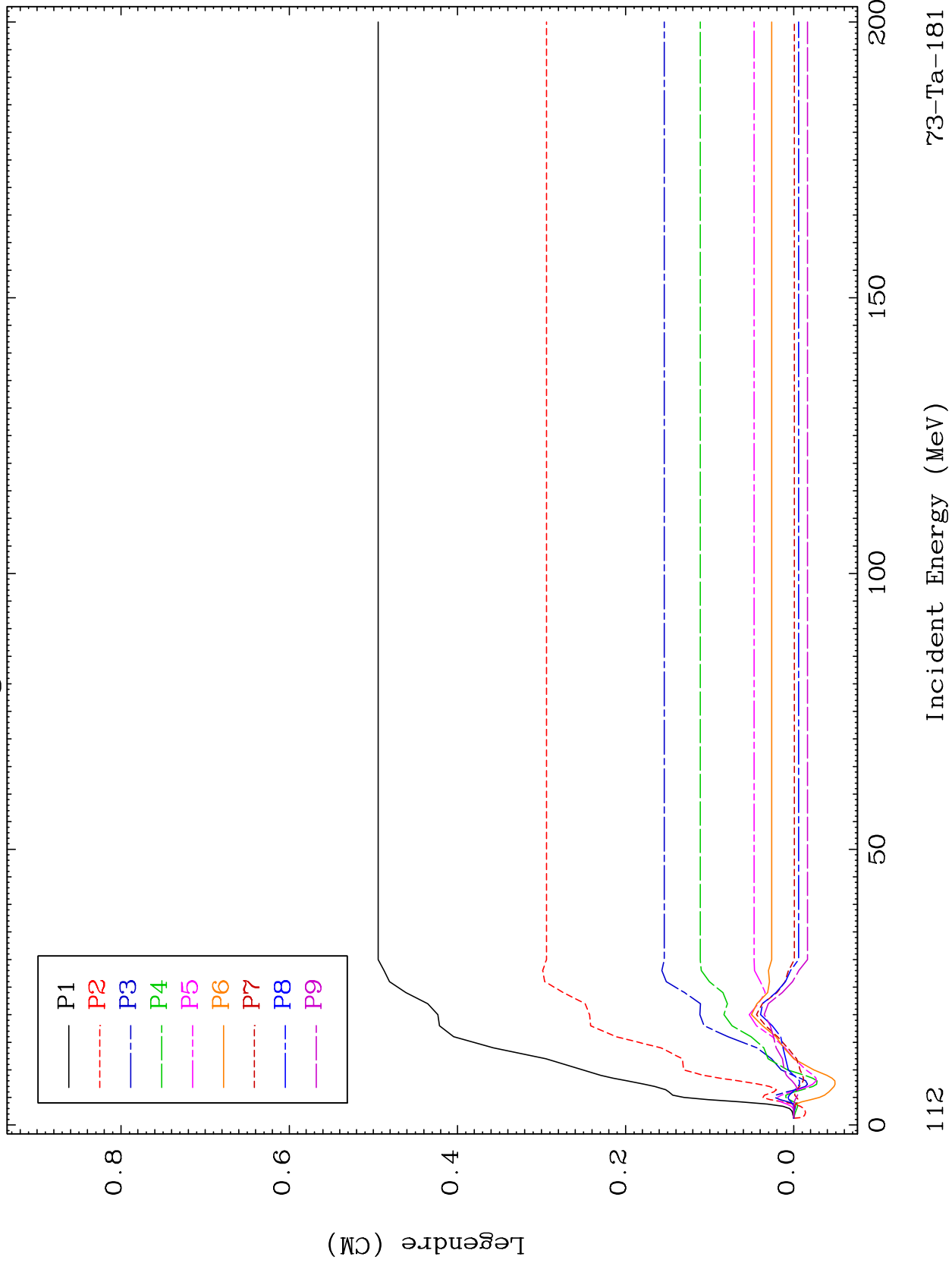


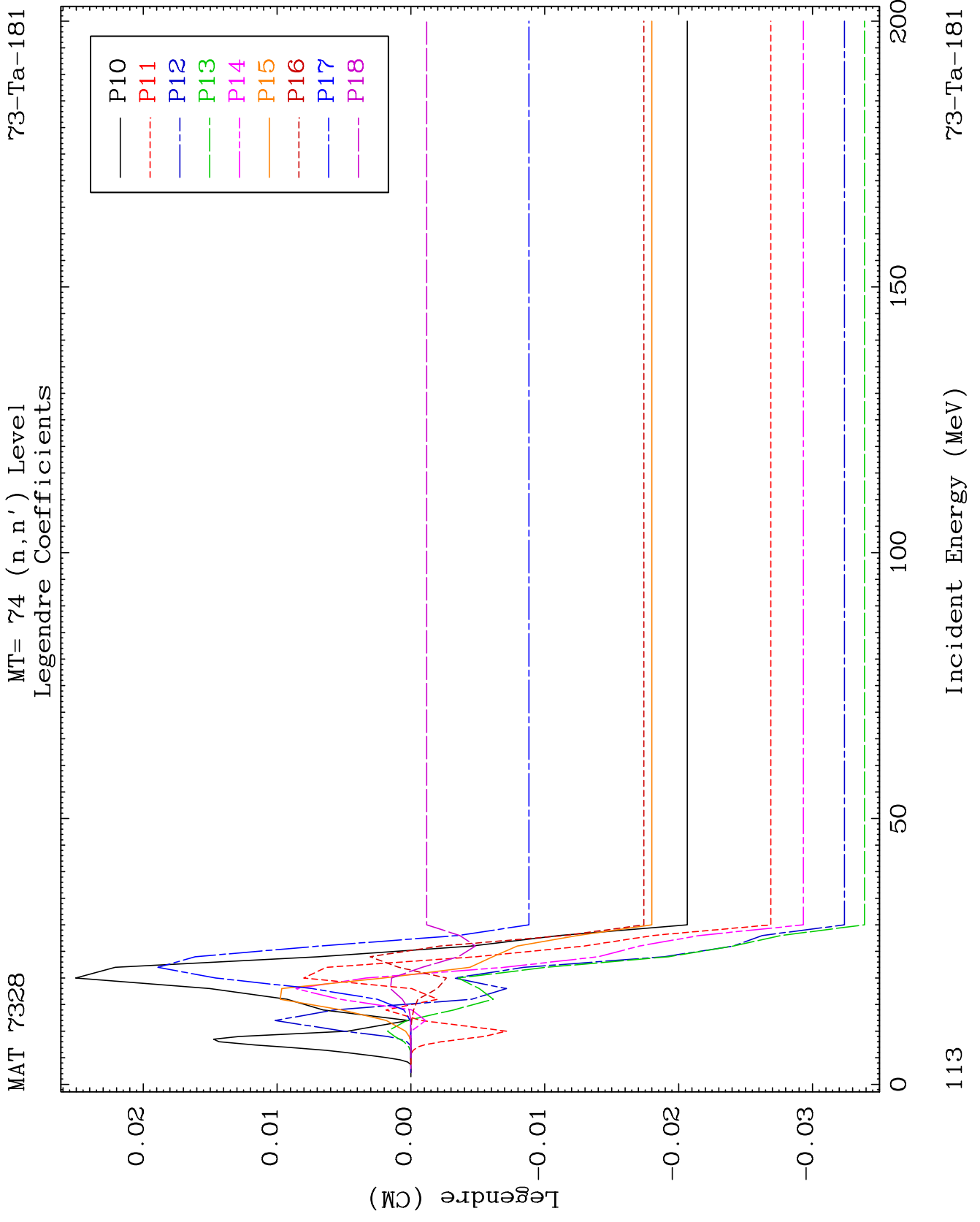


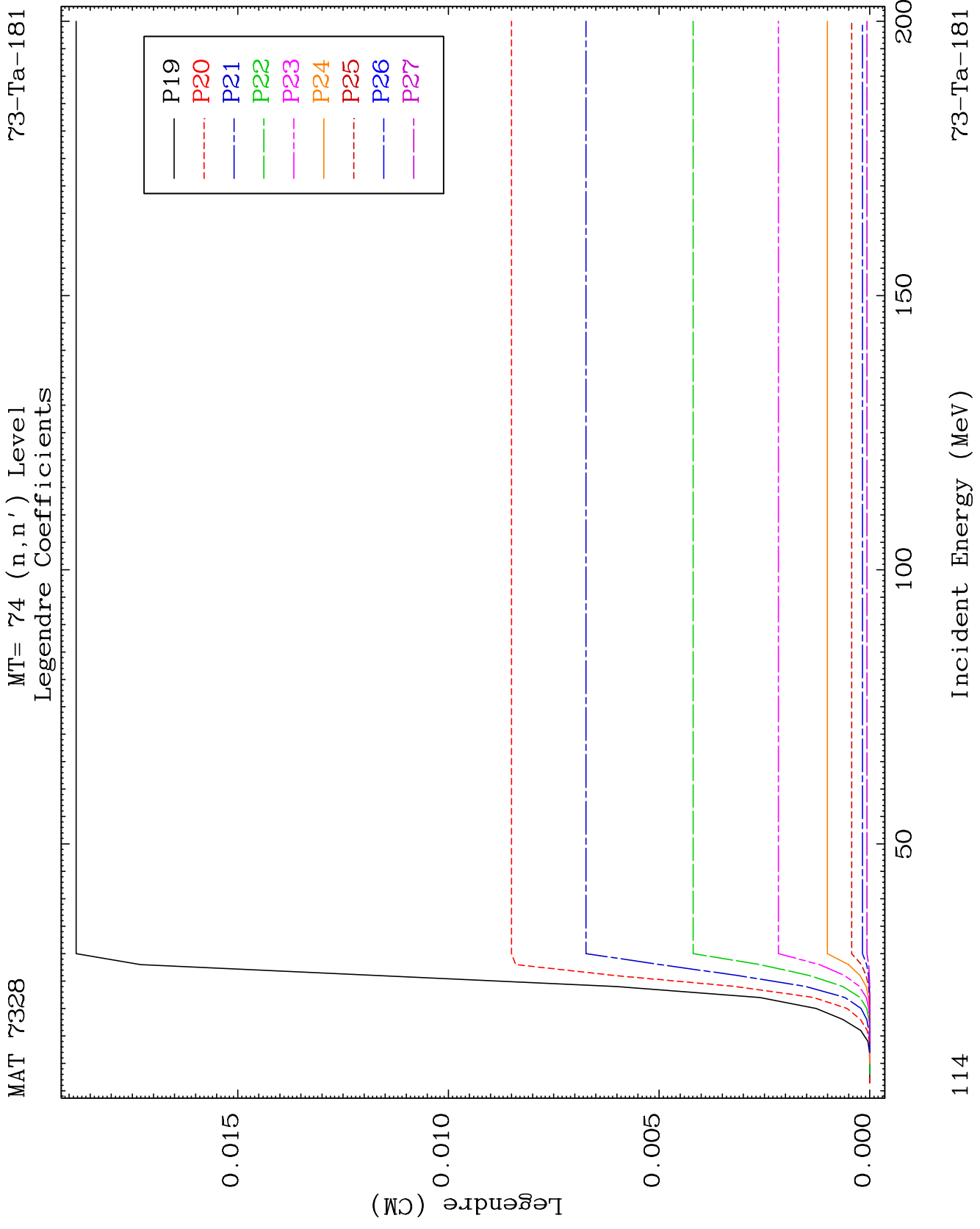
MAT 7328

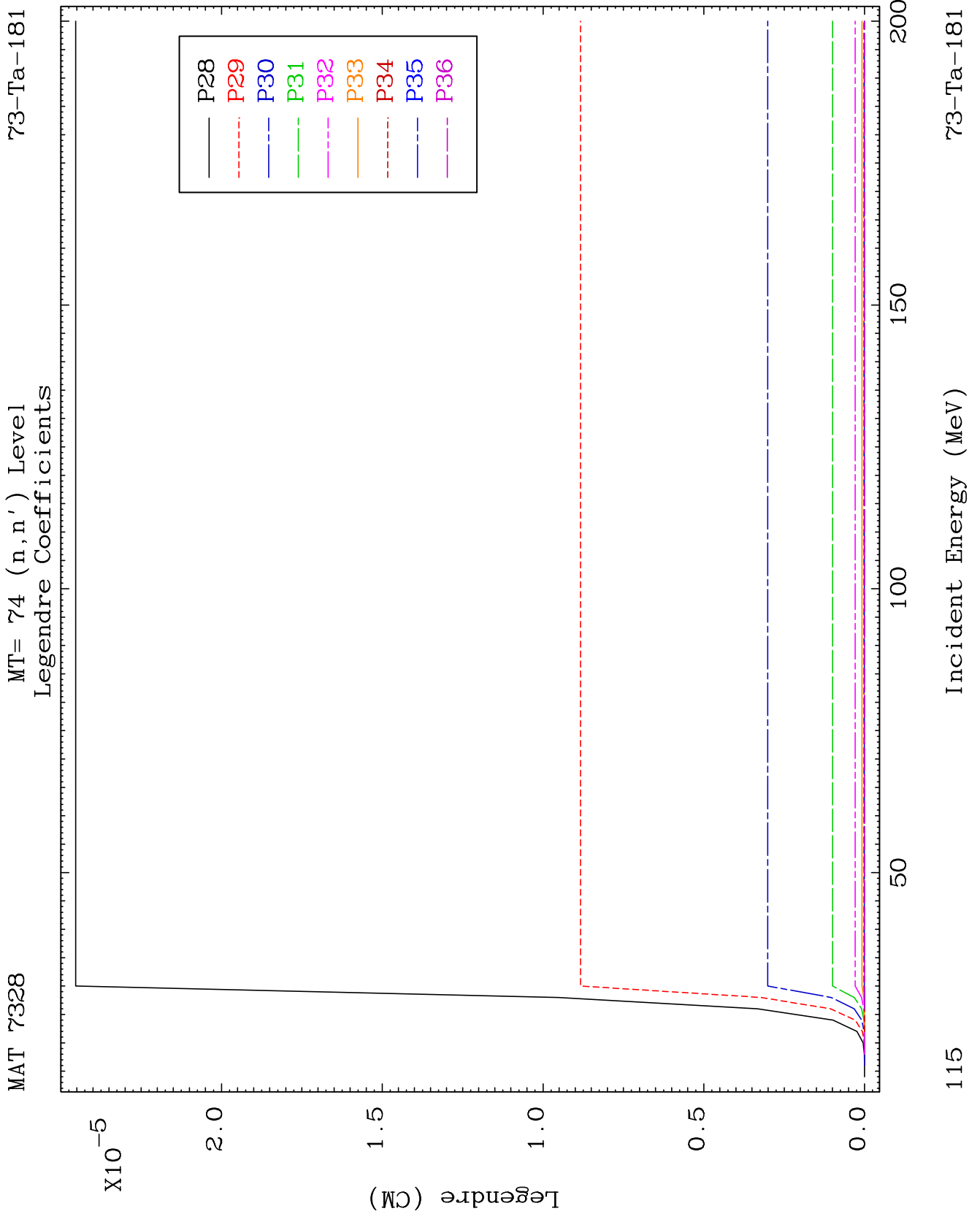
MT= 74 (n,n') Level  
Legendre Coefficients

<sup>73</sup>Ta-181





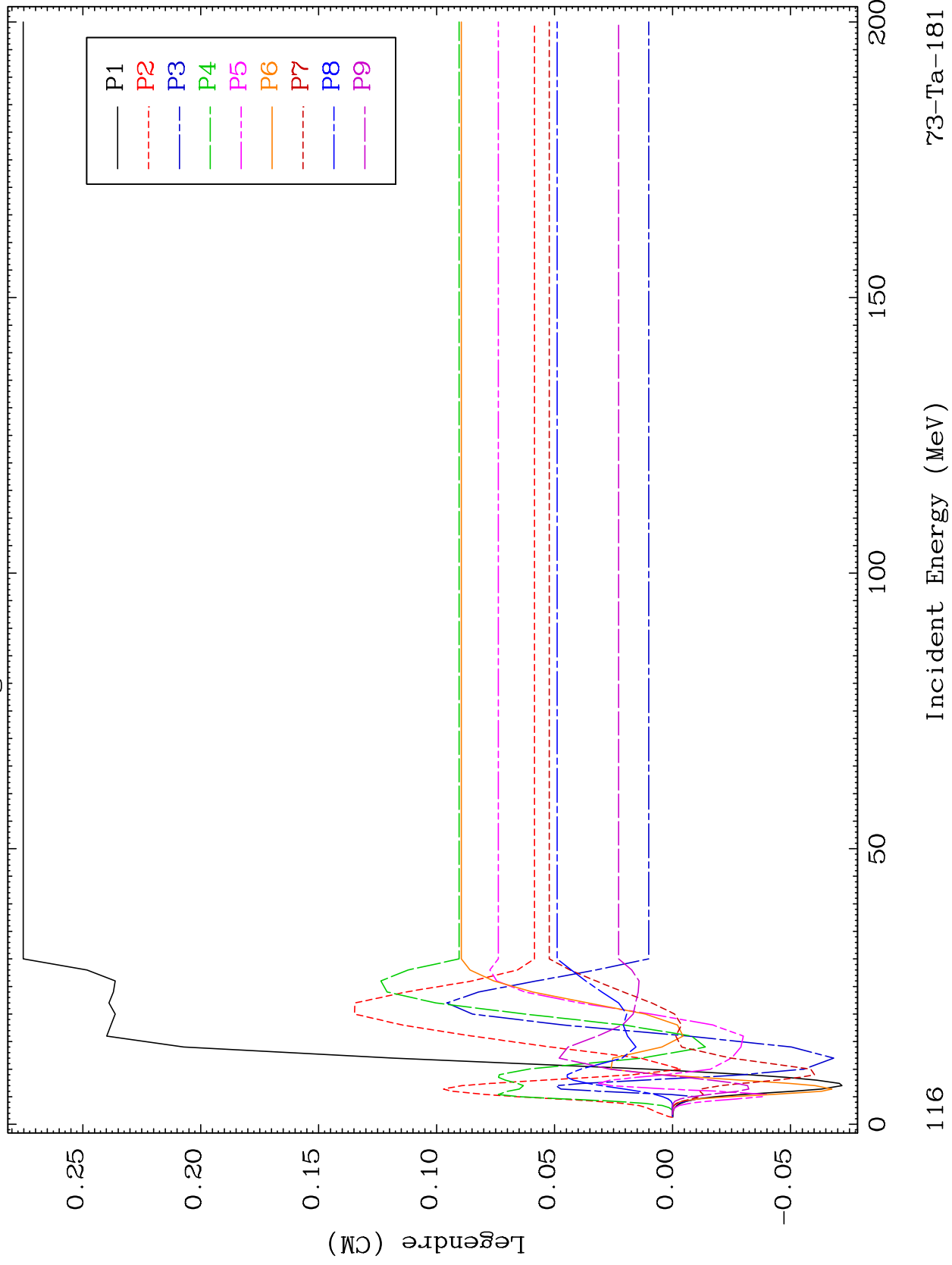




MAT 7328

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

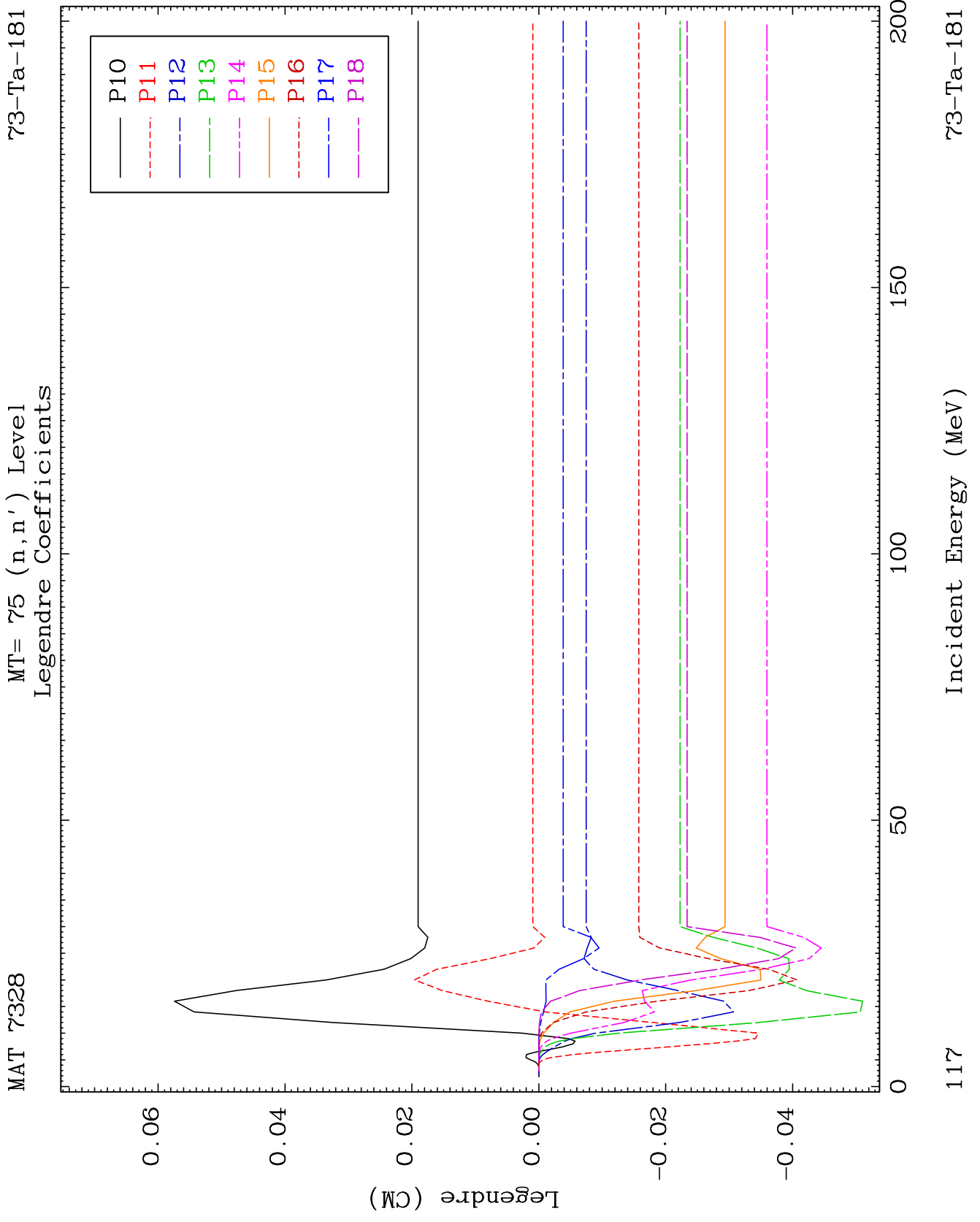
73-Ta-181

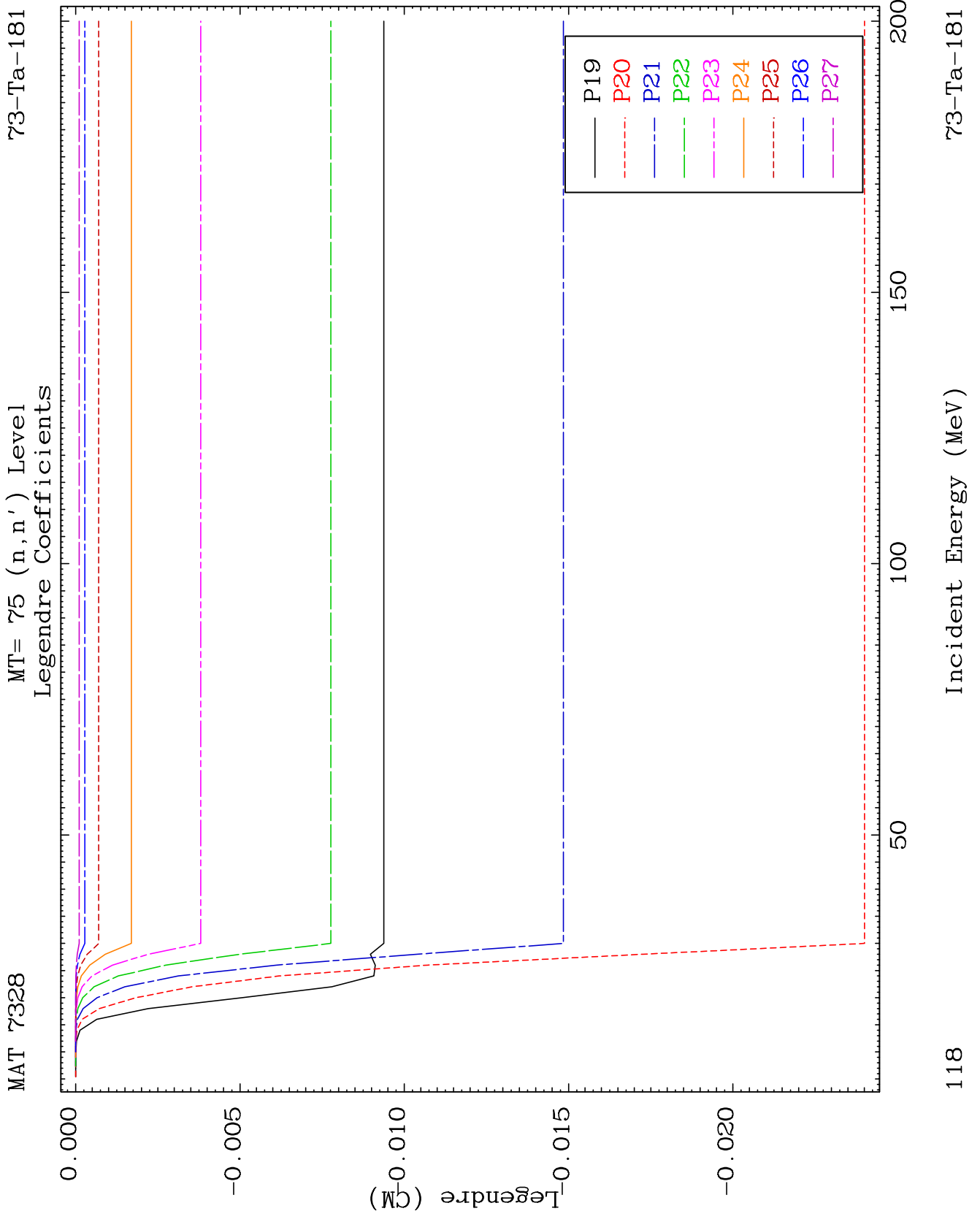


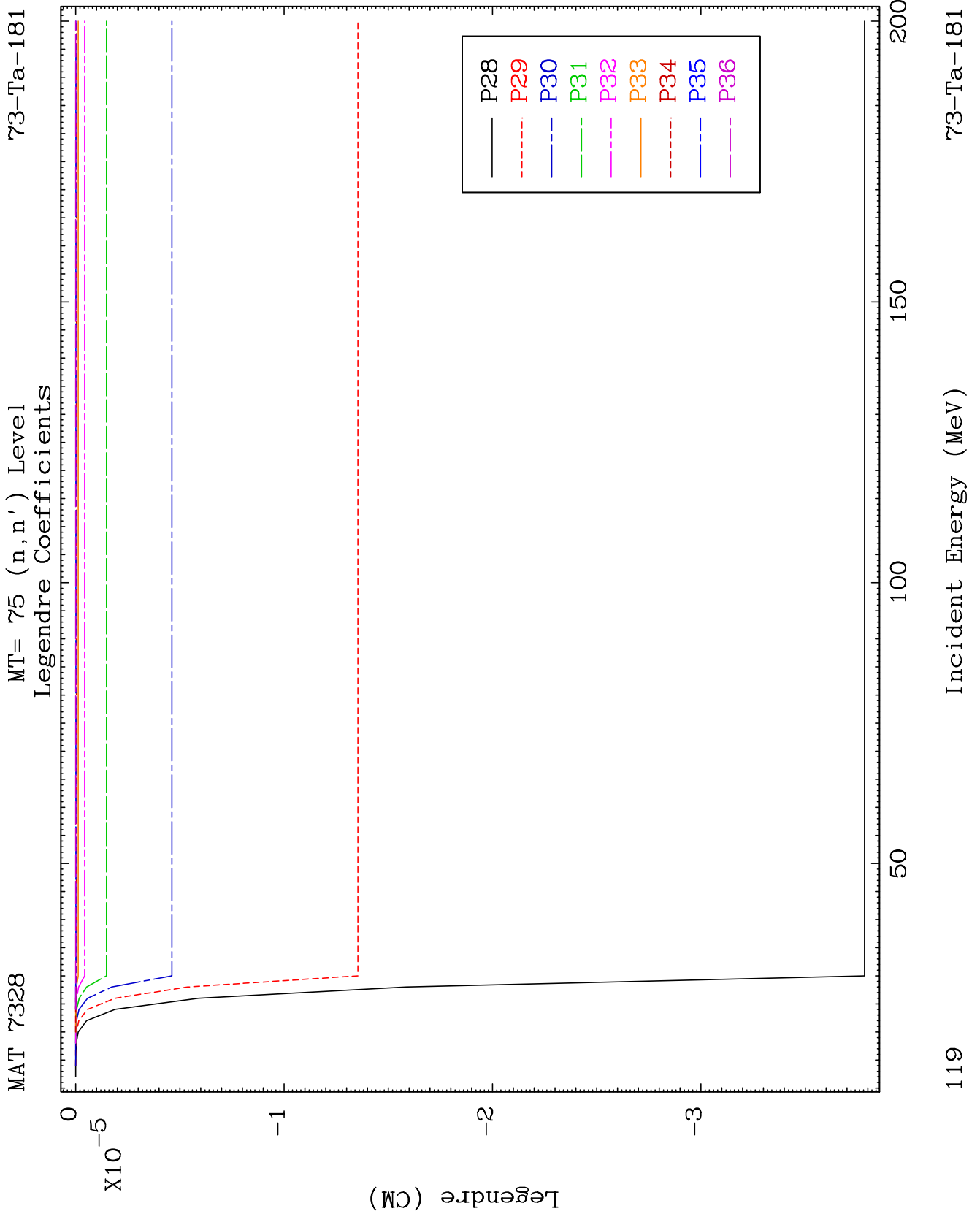
116

Incident Energy (MeV)

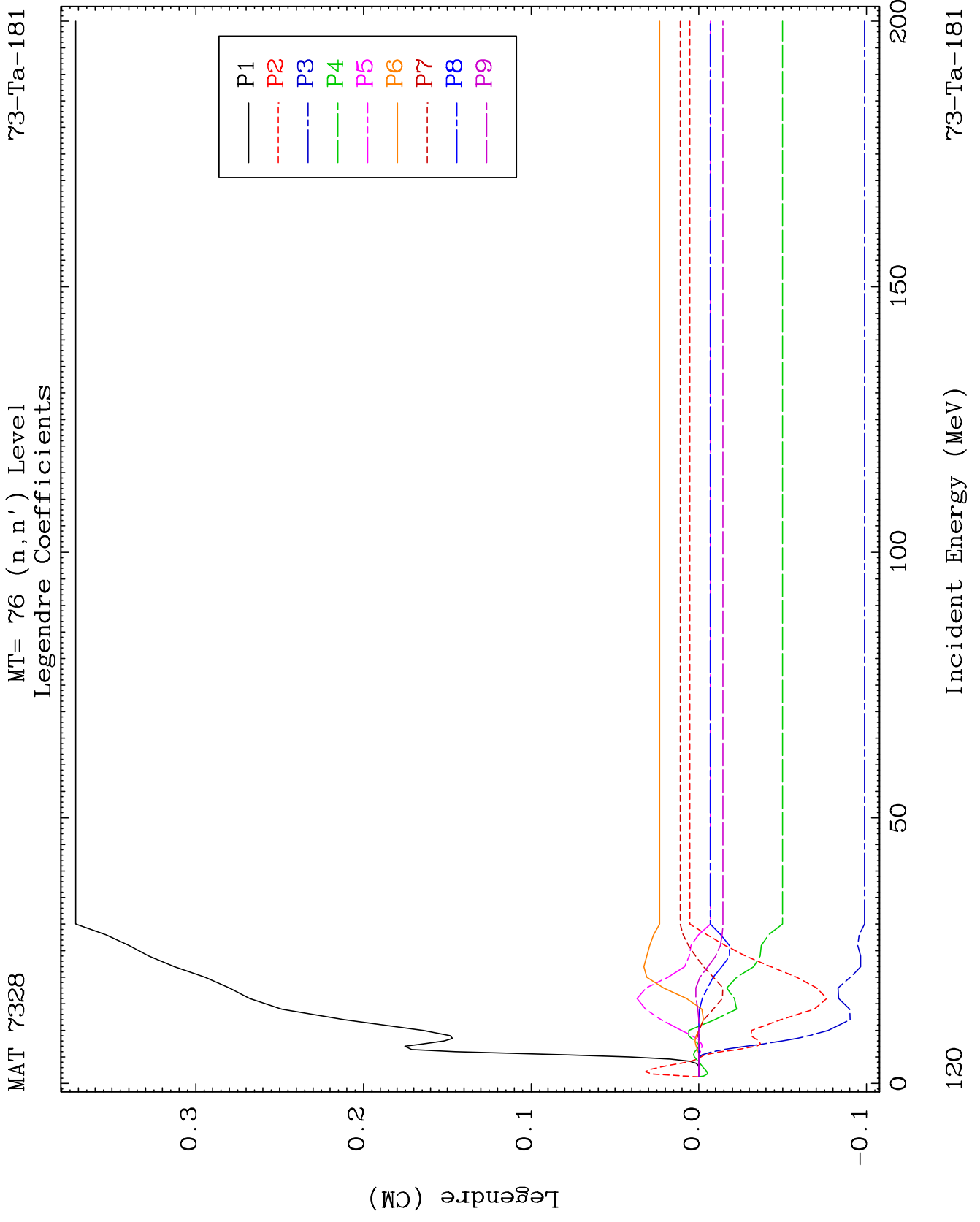
73-Ta-181







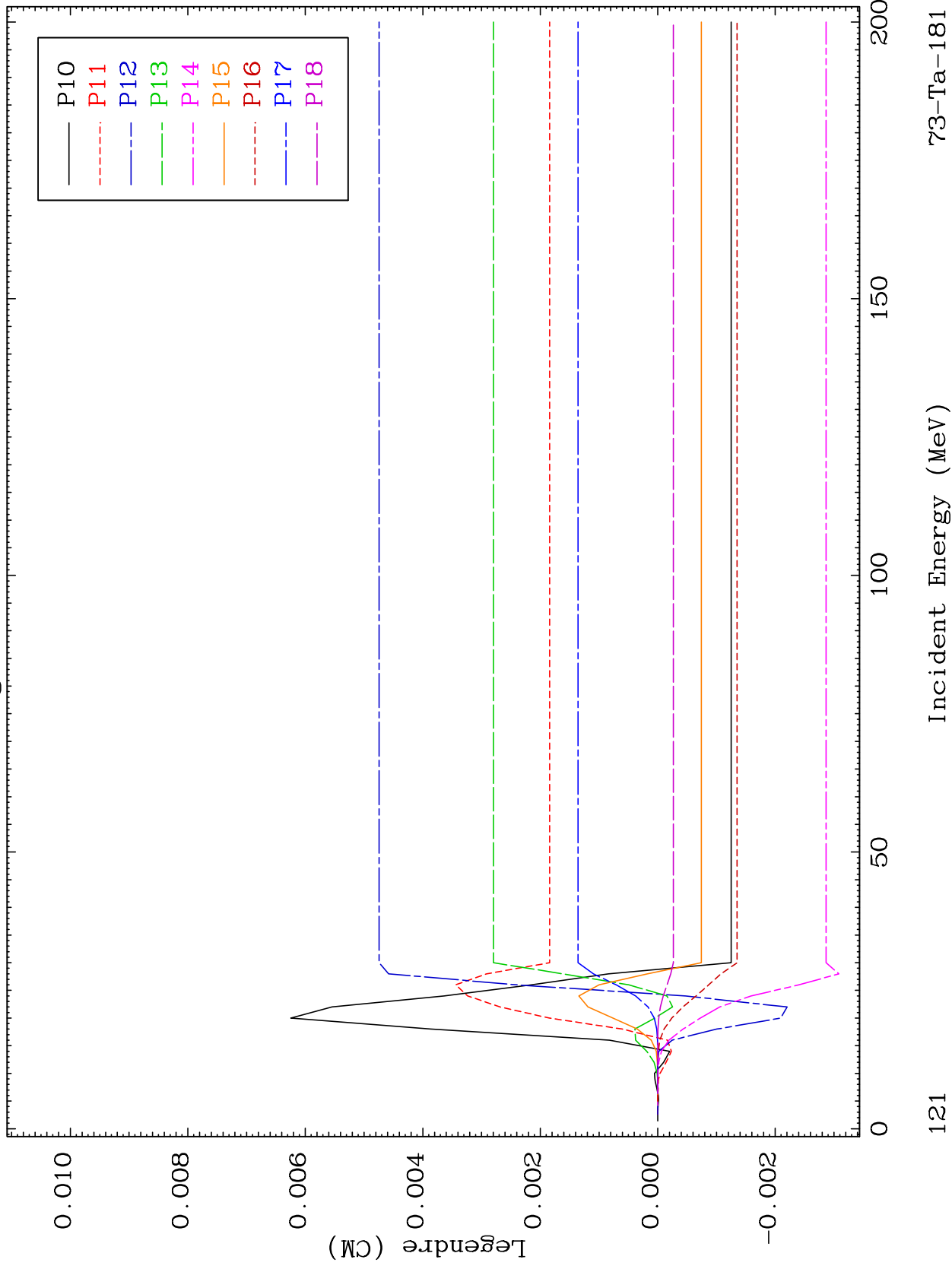




MAT 7328

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

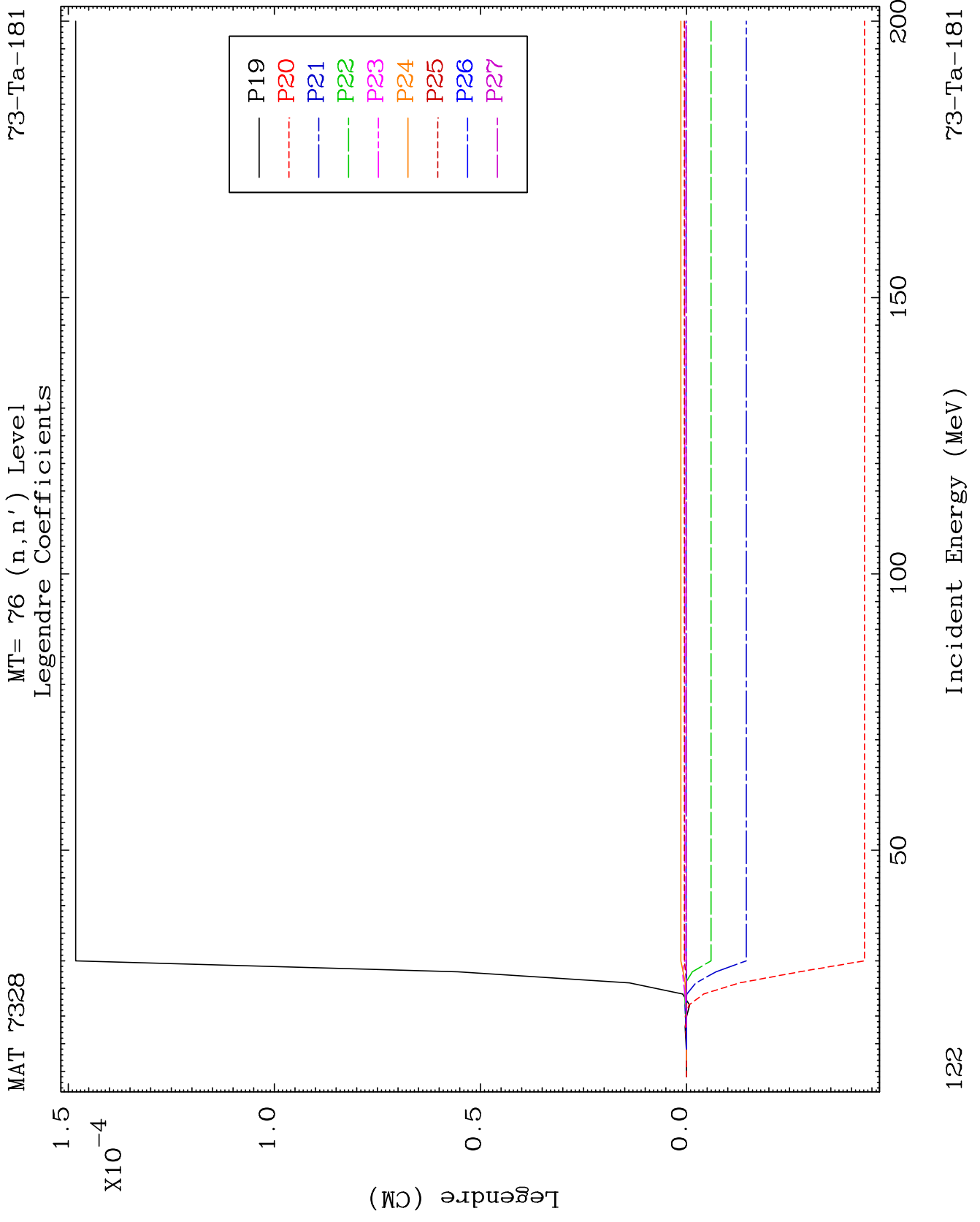
73-Ta-181

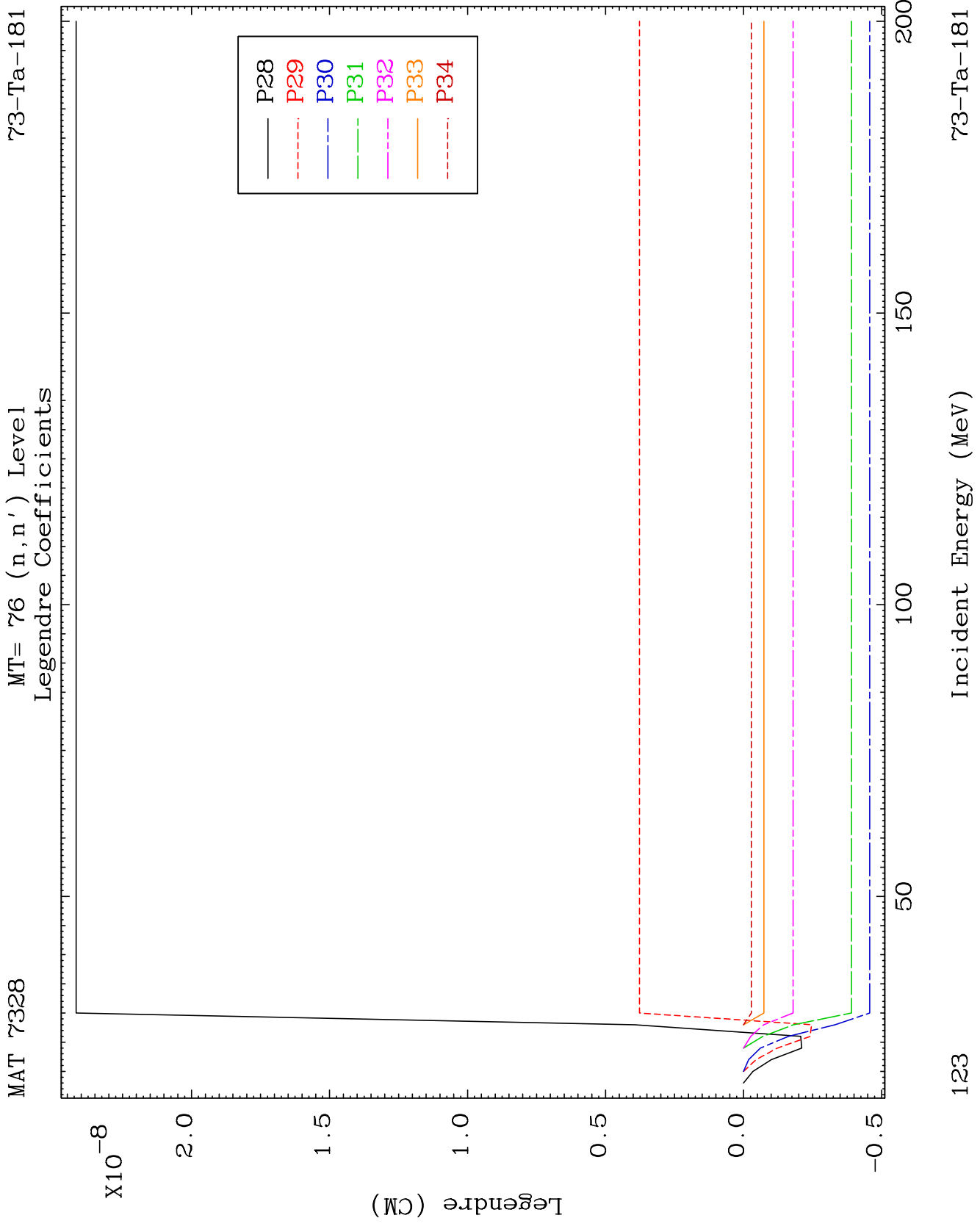


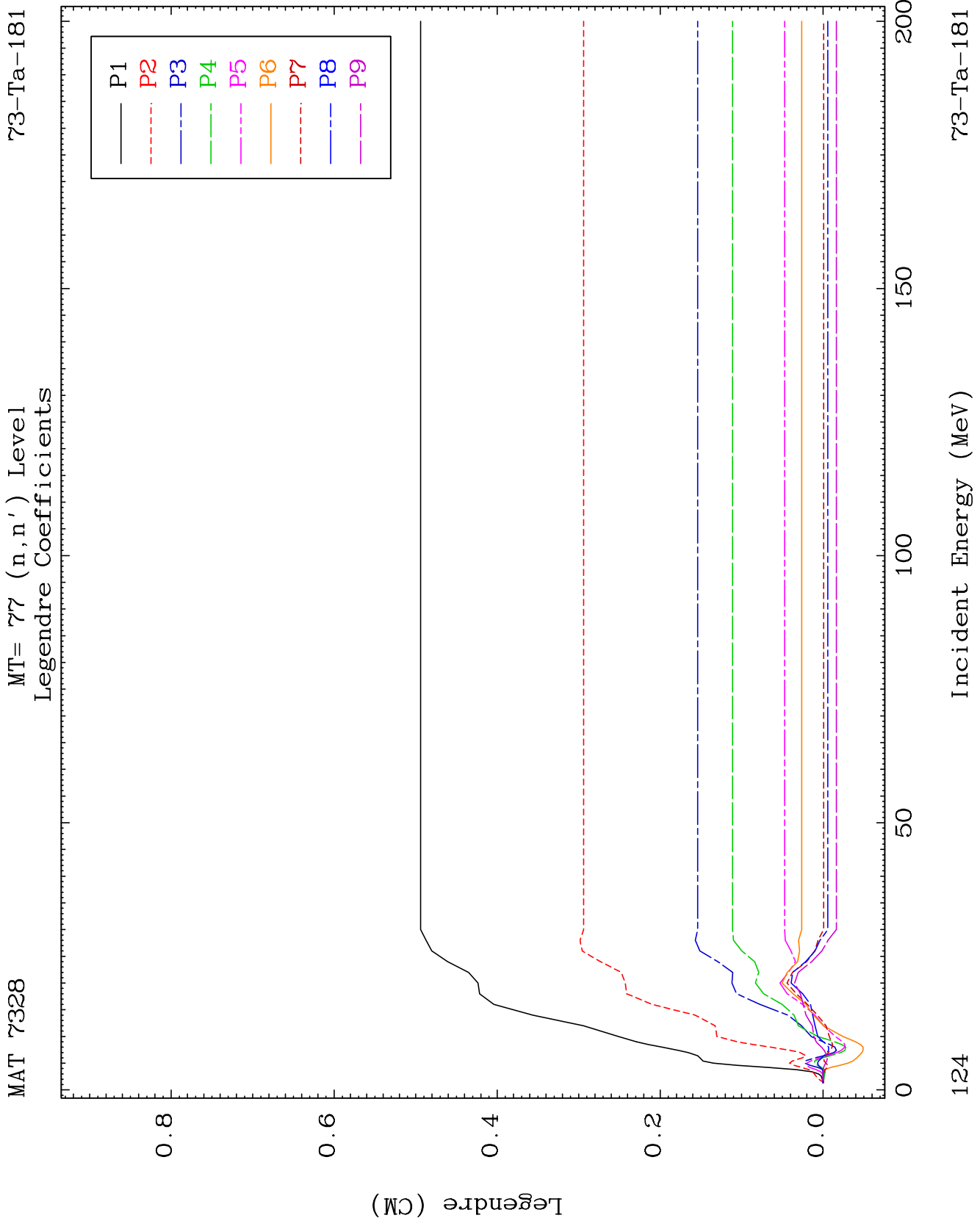
73-Ta-181

Incident Energy (MeV)

121

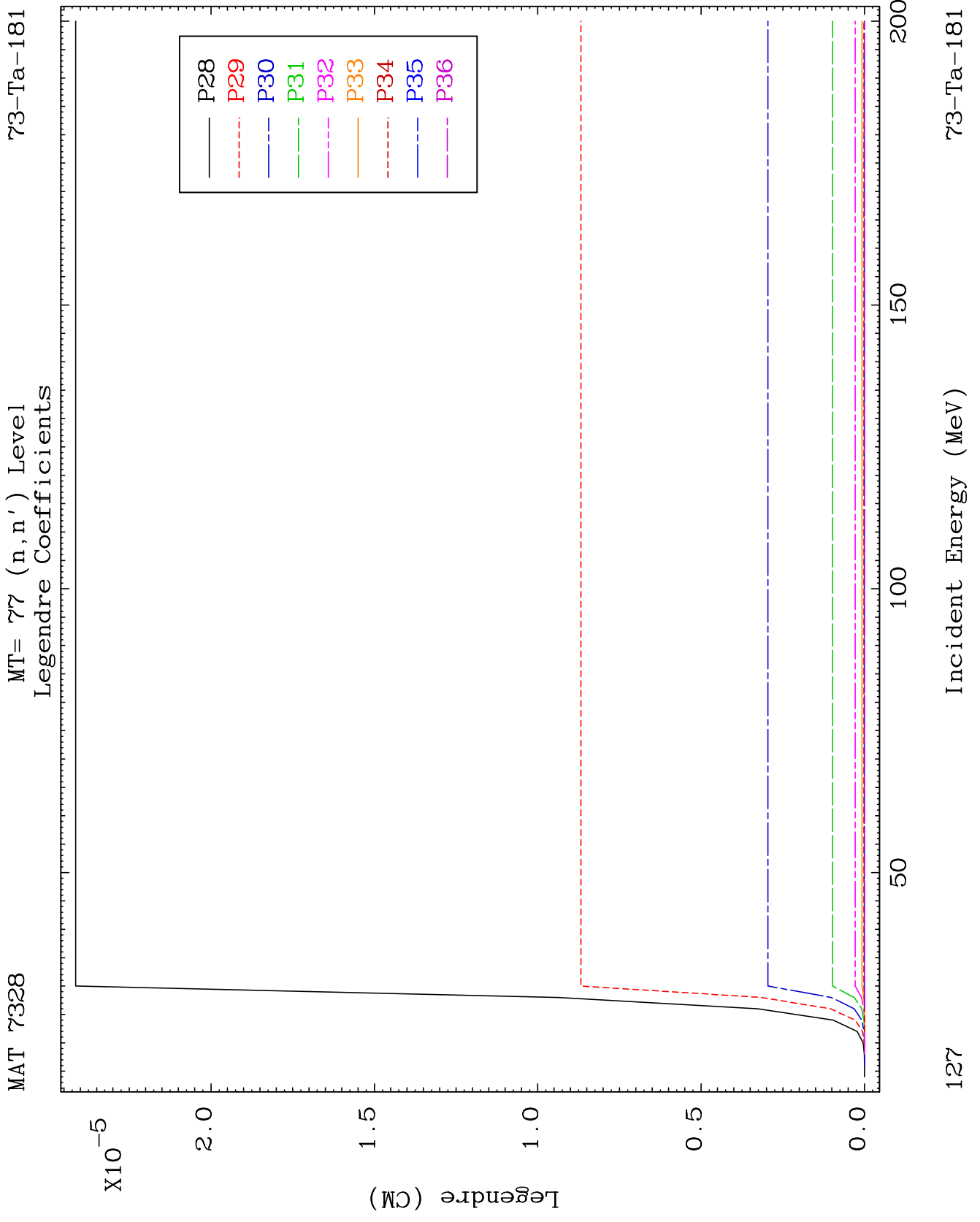




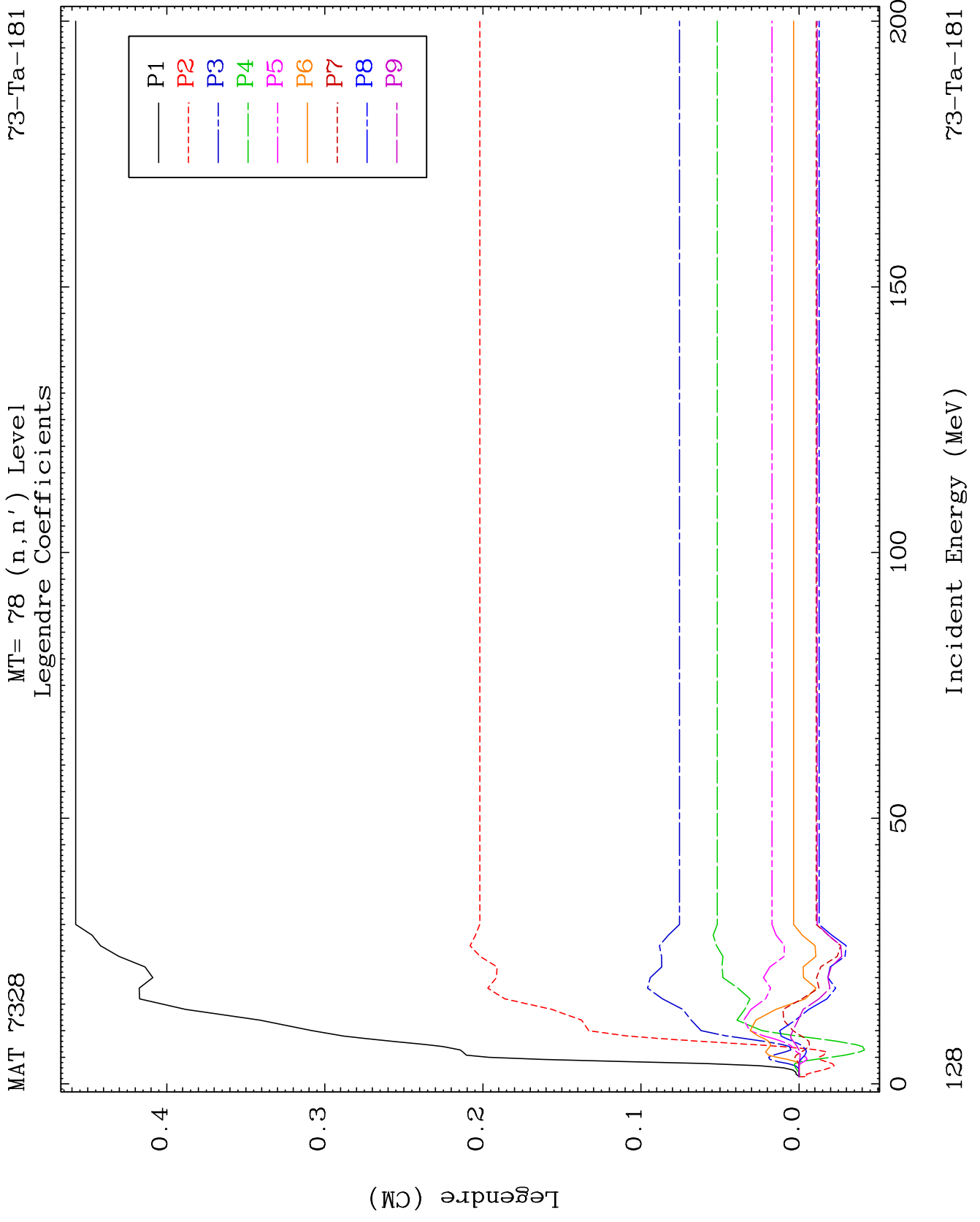


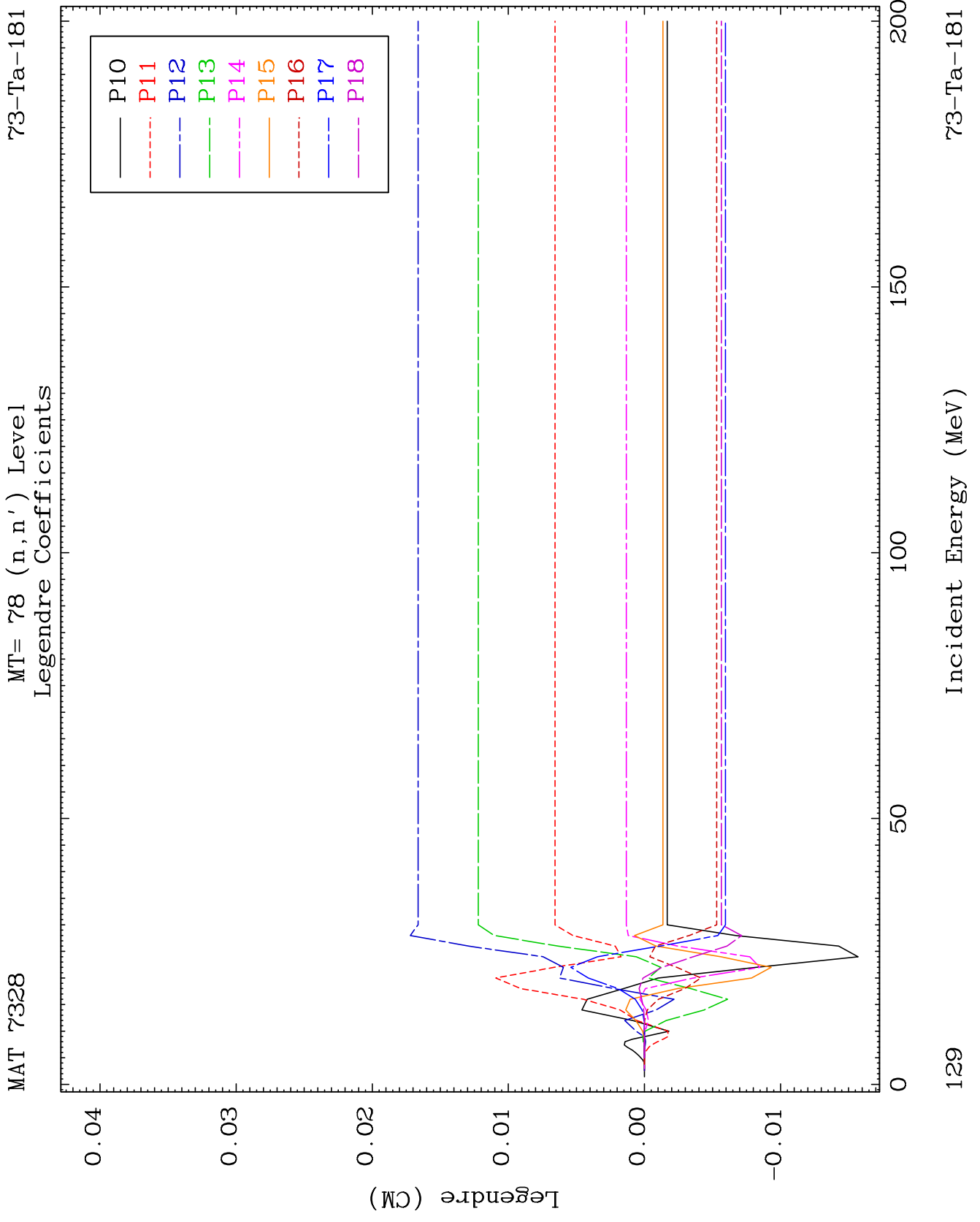


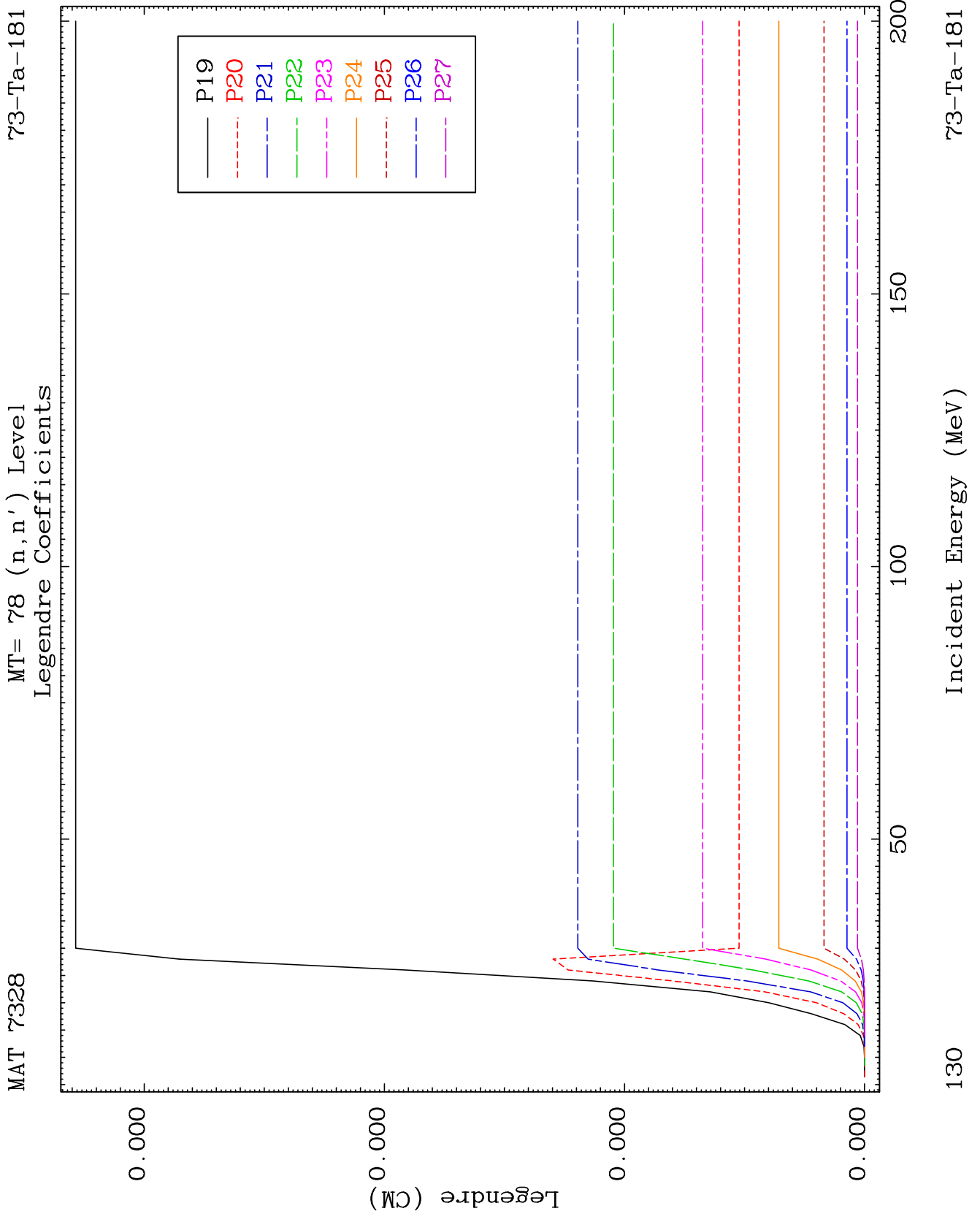


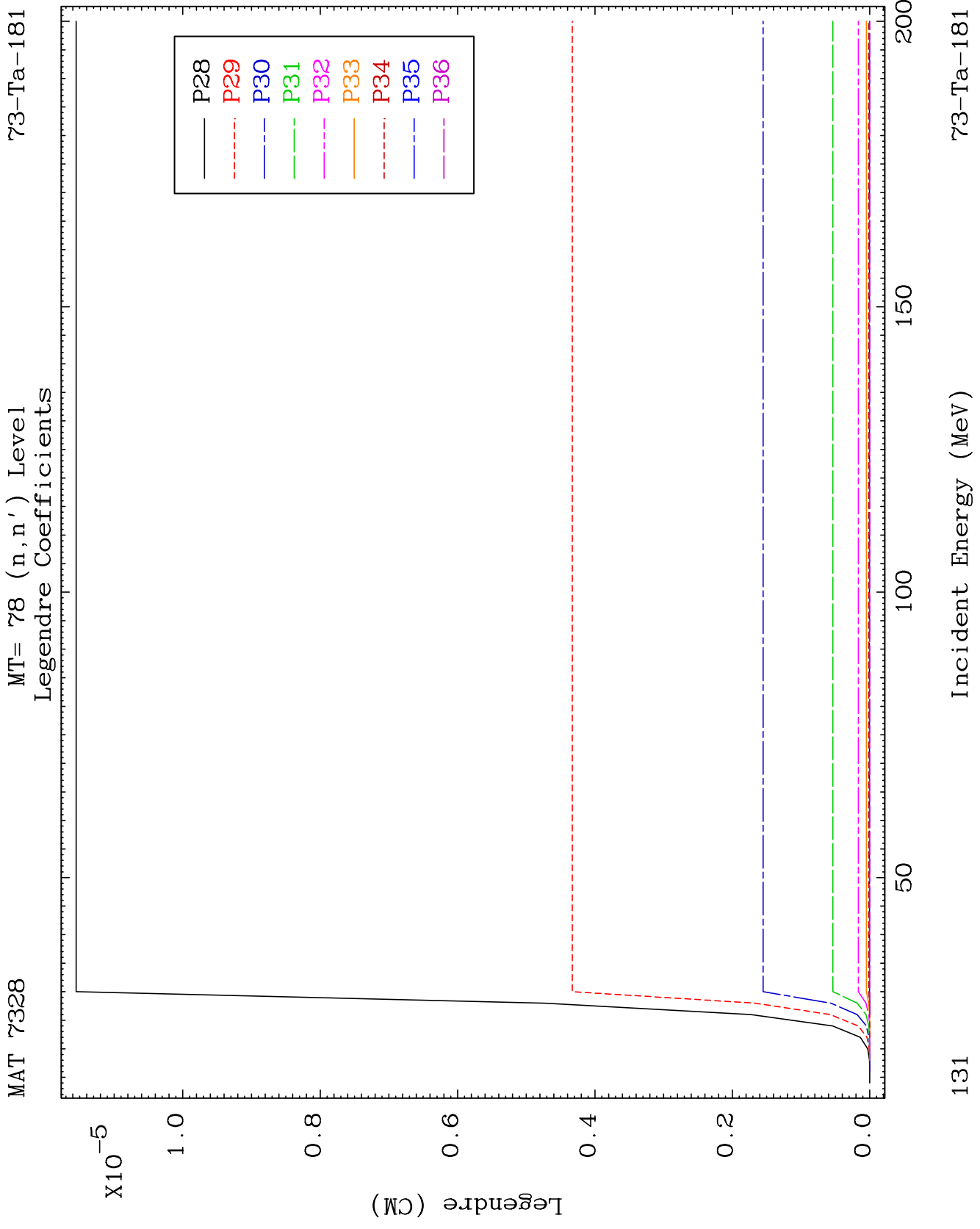








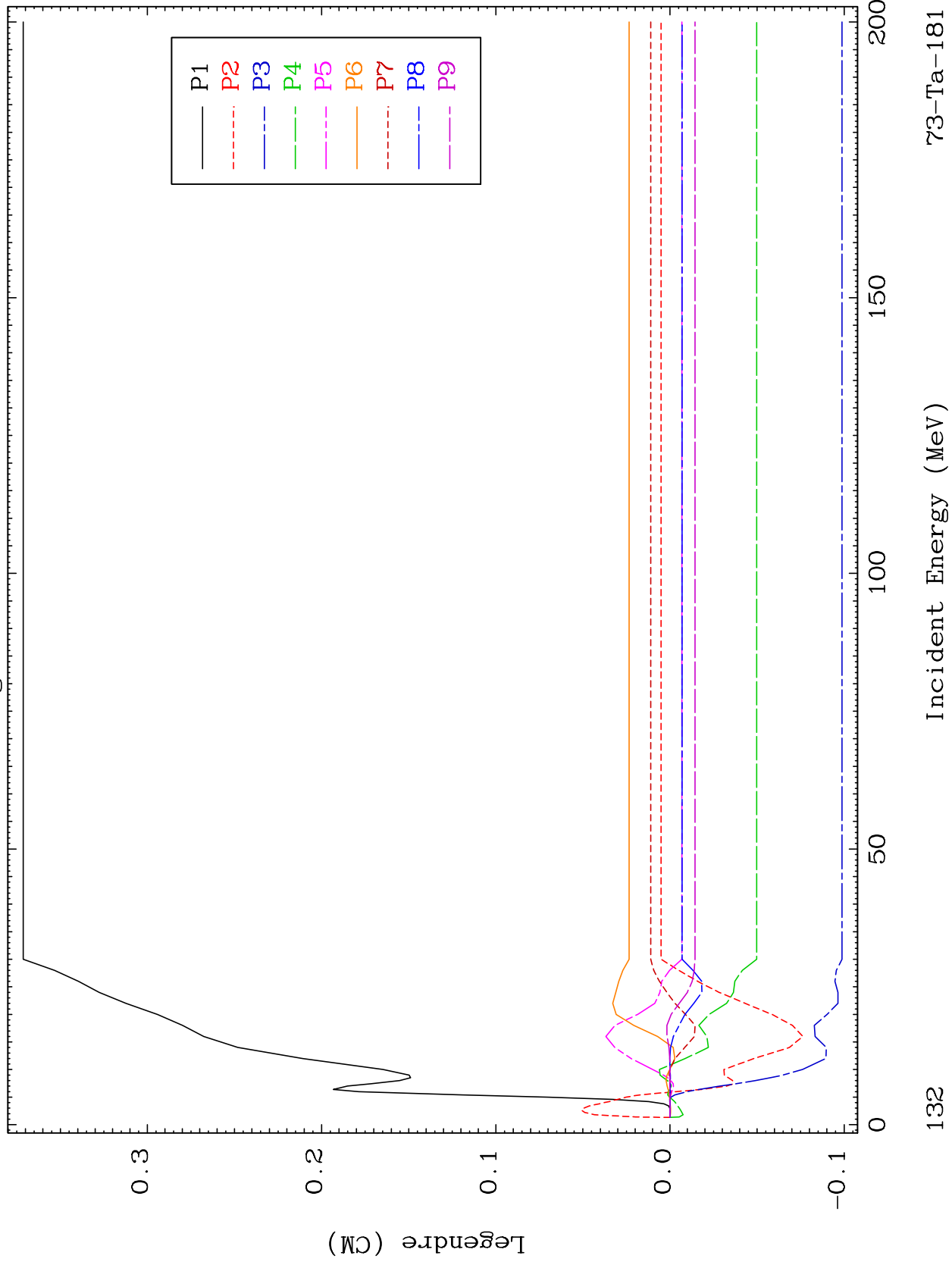




MAT 7328

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

73-Ta-181



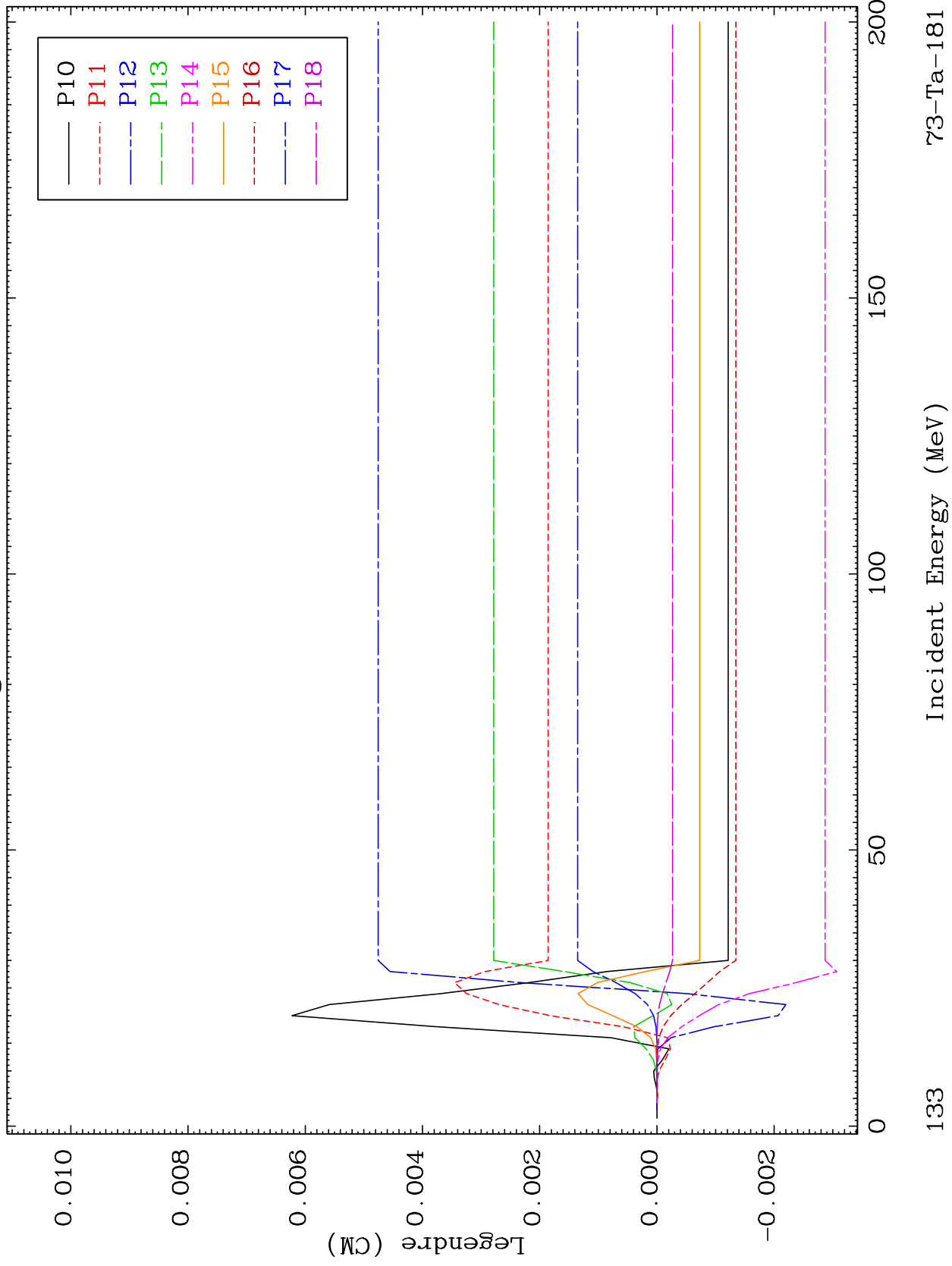
132

73-Ta-181

MAT 7328

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

73-Ta-181

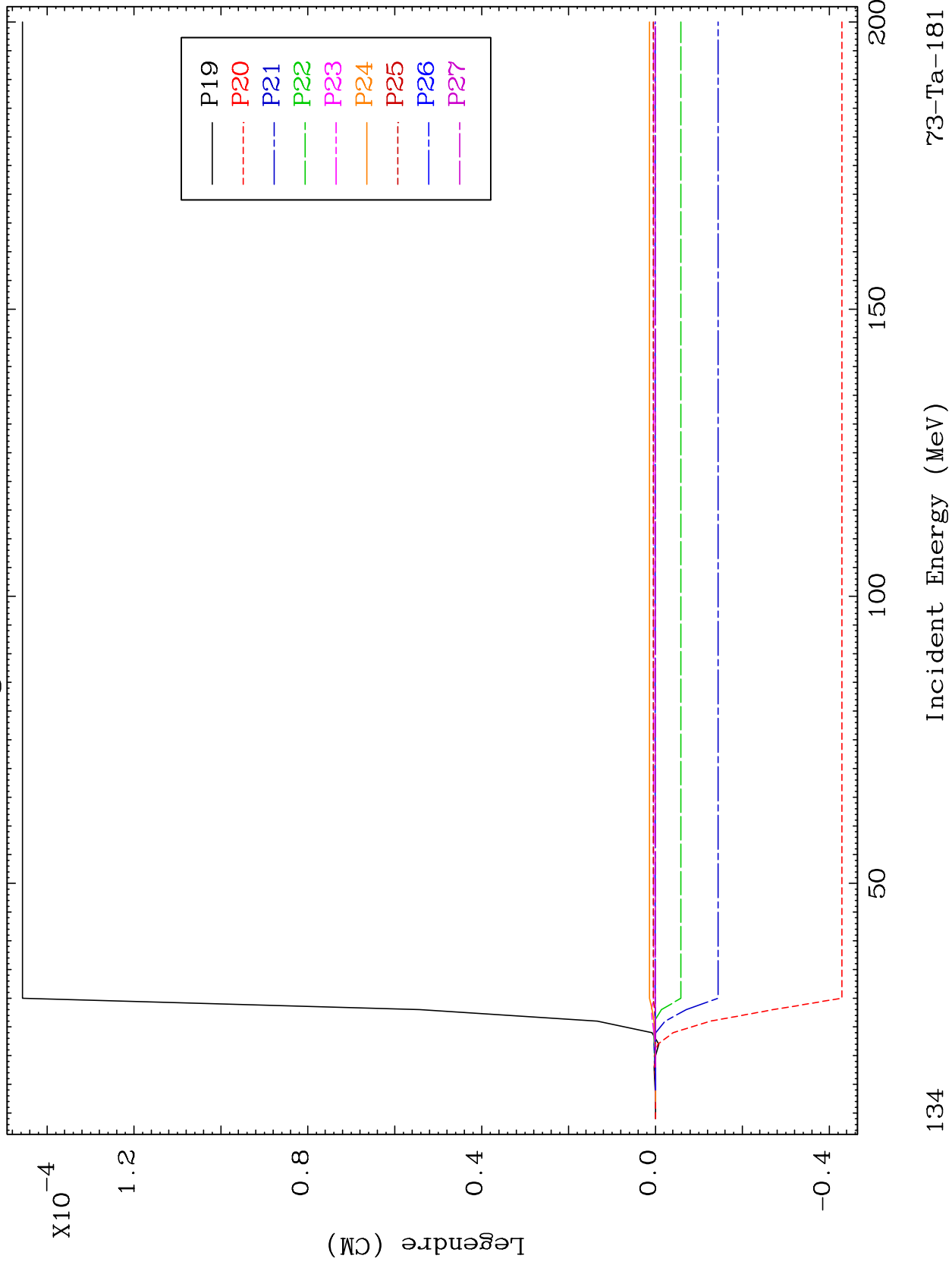


133

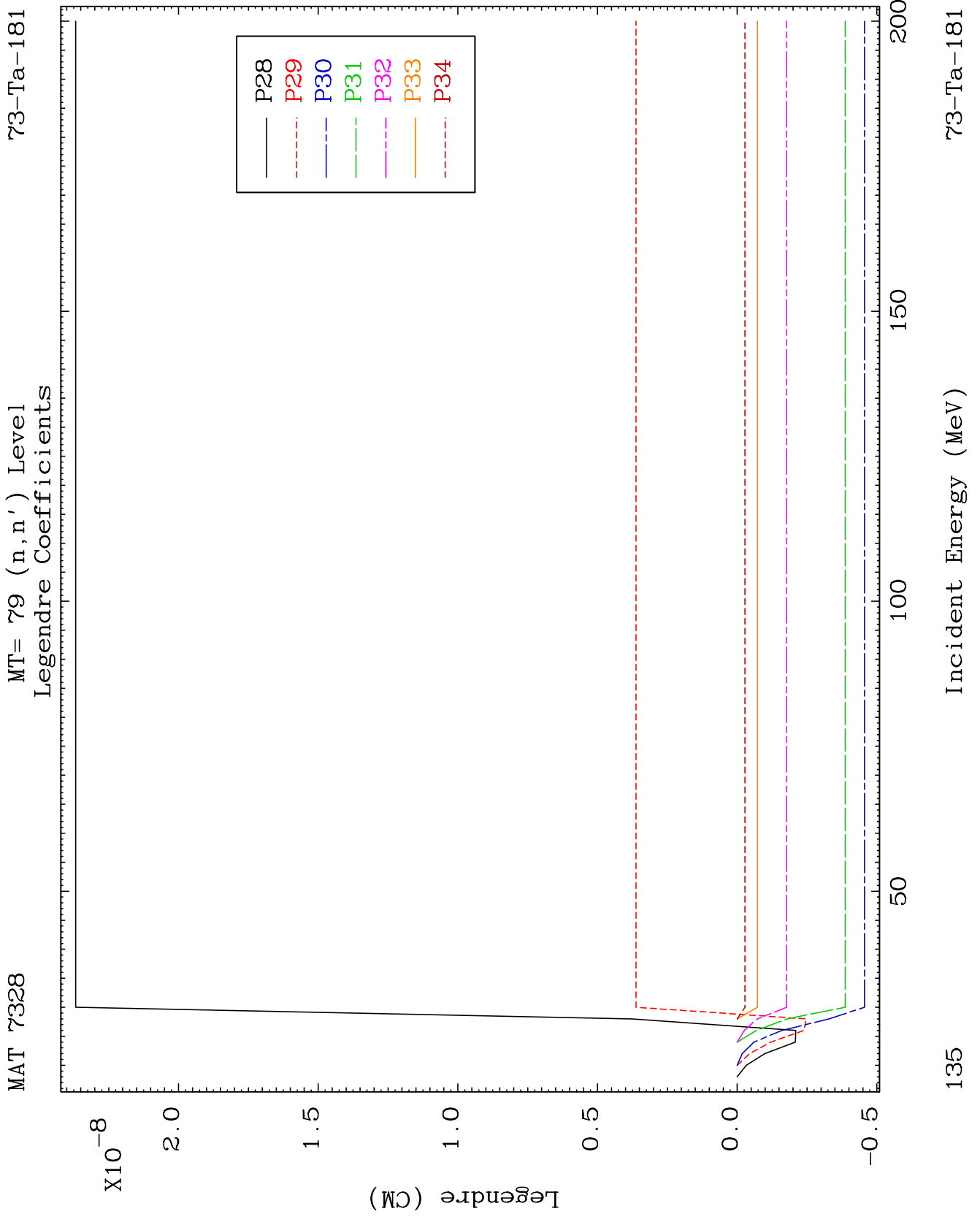
MAT 7328

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

73-Ta-181



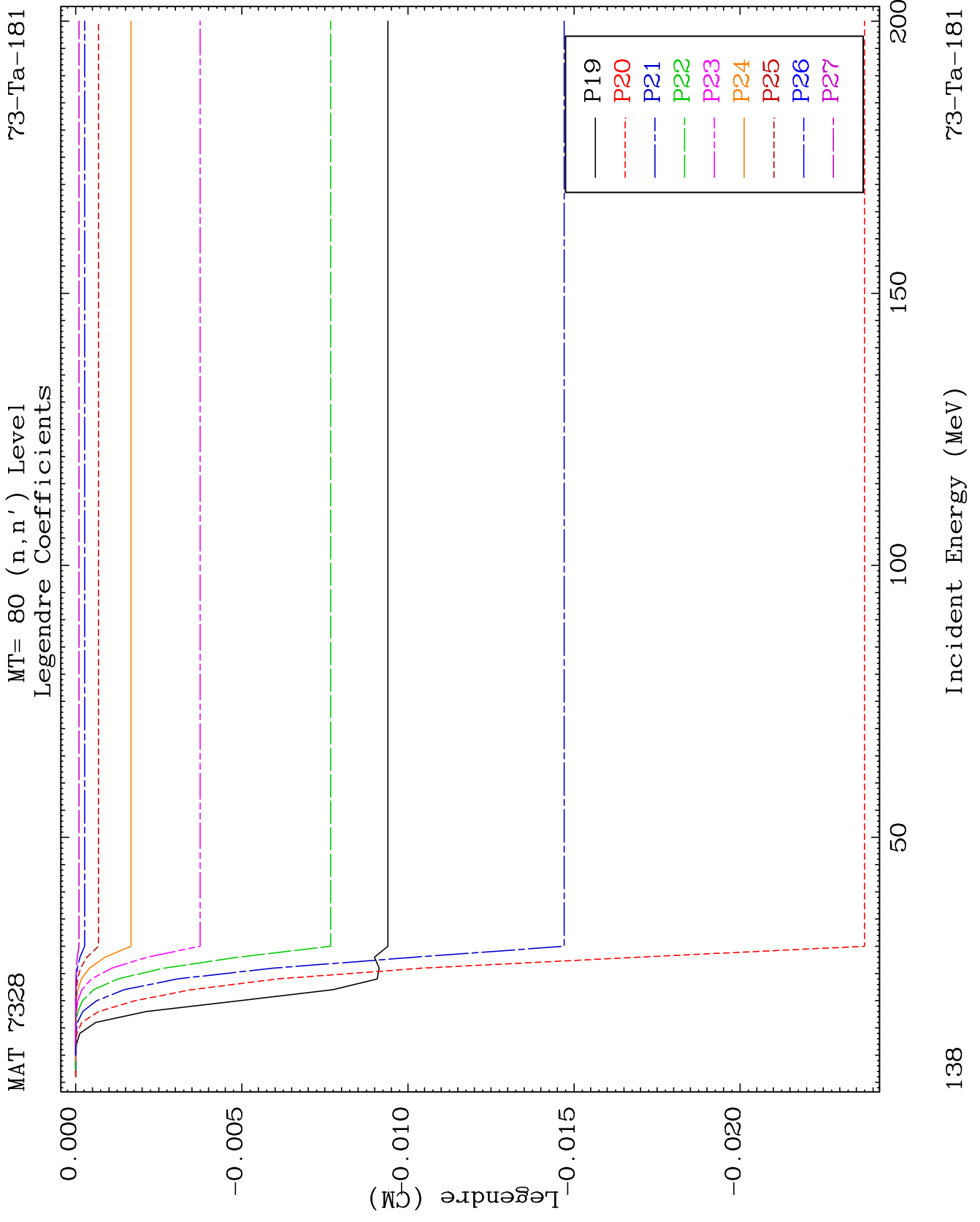
134

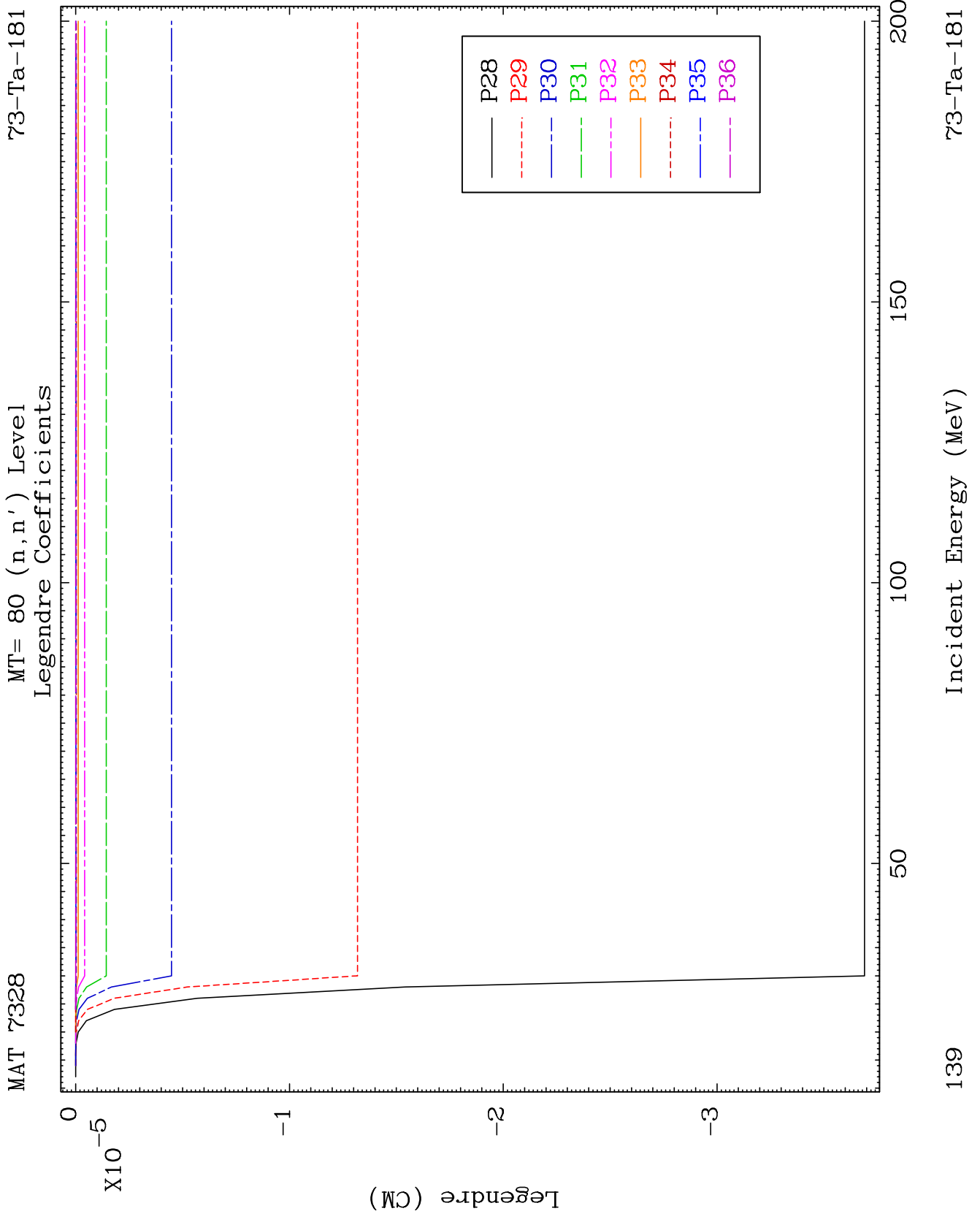










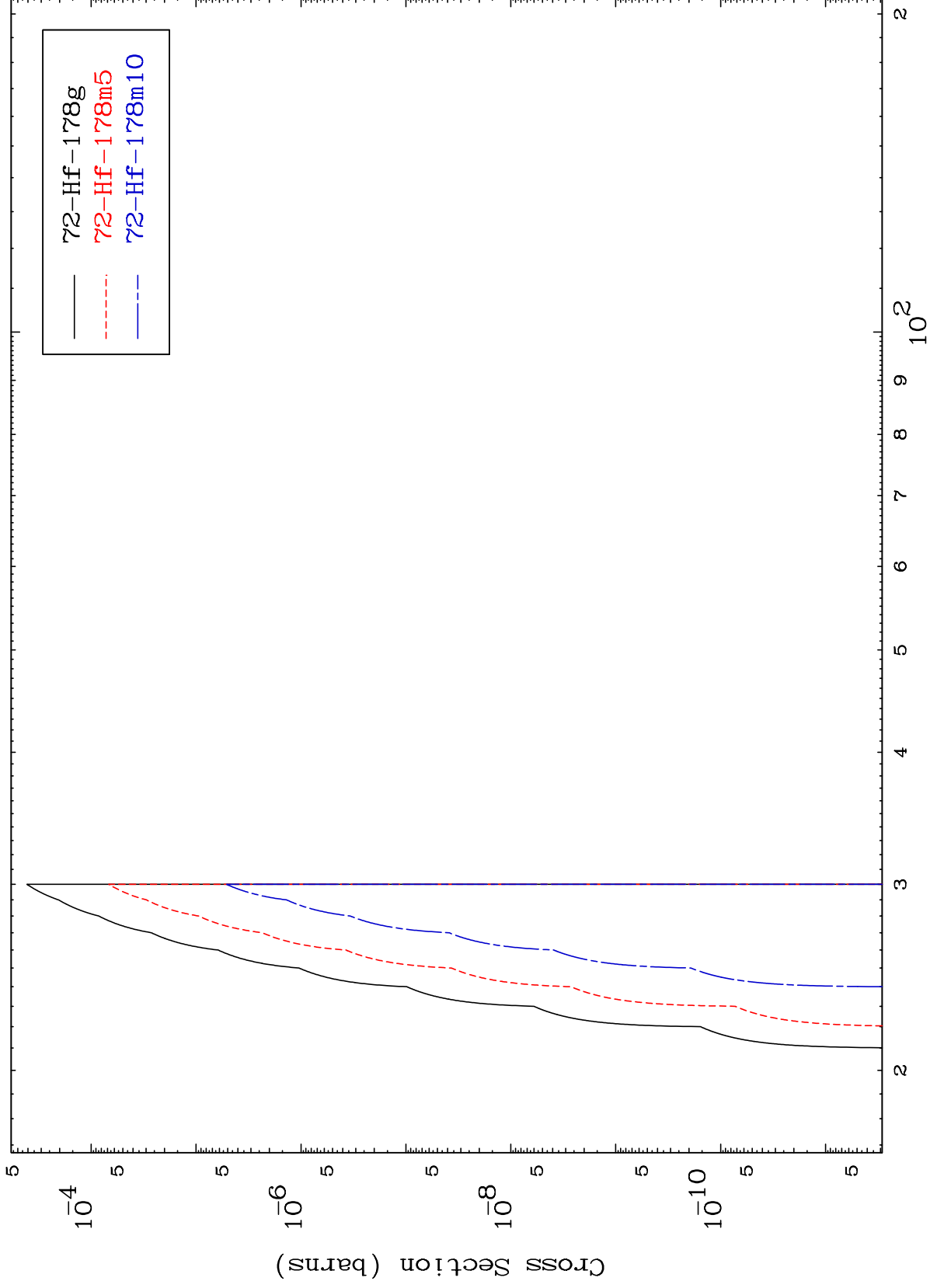


MAT 7328

(n,2n) d

73-Ta-181

Radionuclide Production Cross Section



140

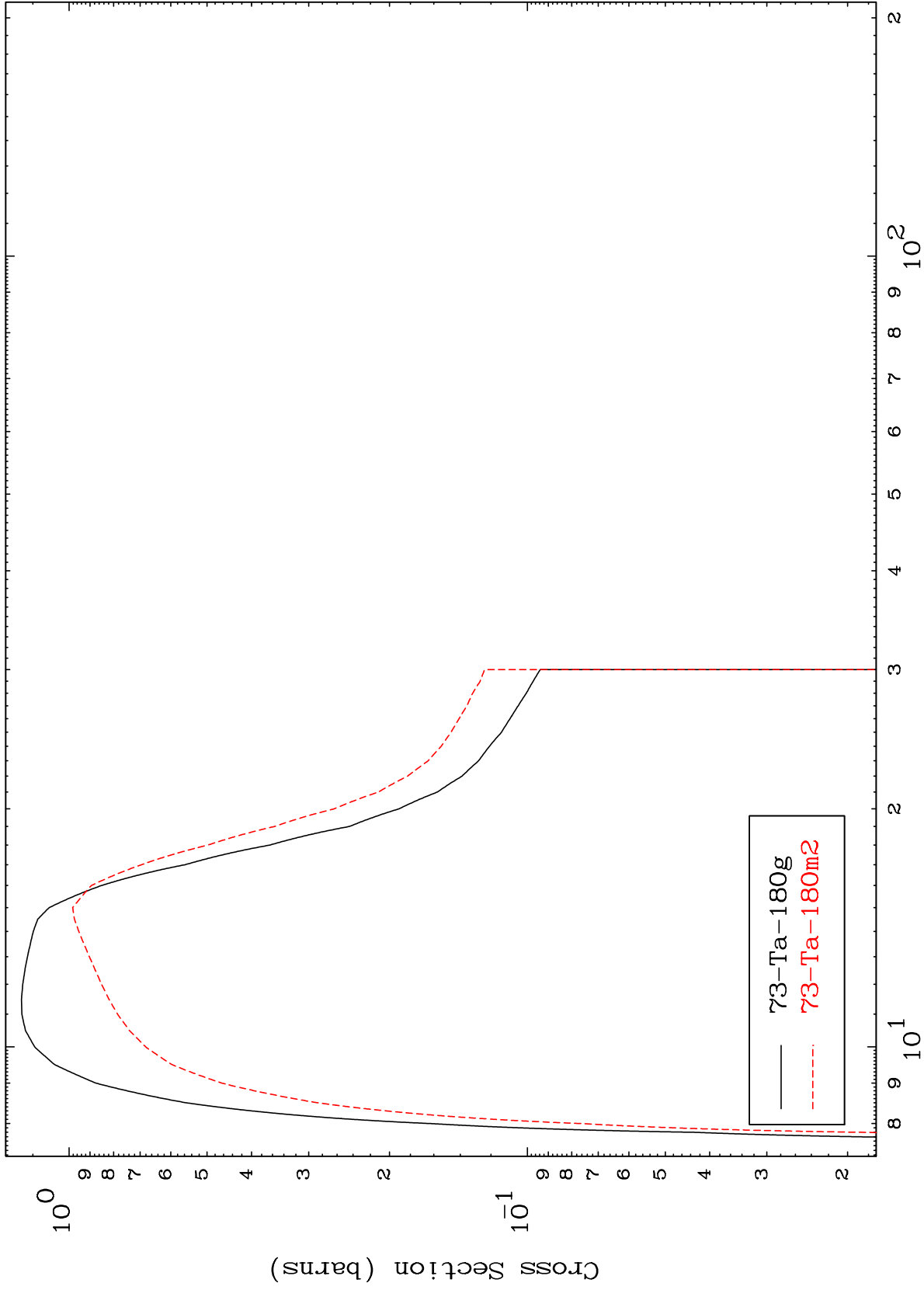
Incident Energy (MeV)

73-Ta-181

MAT 7328

<sup>73</sup>Ta-181

(n,2n)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

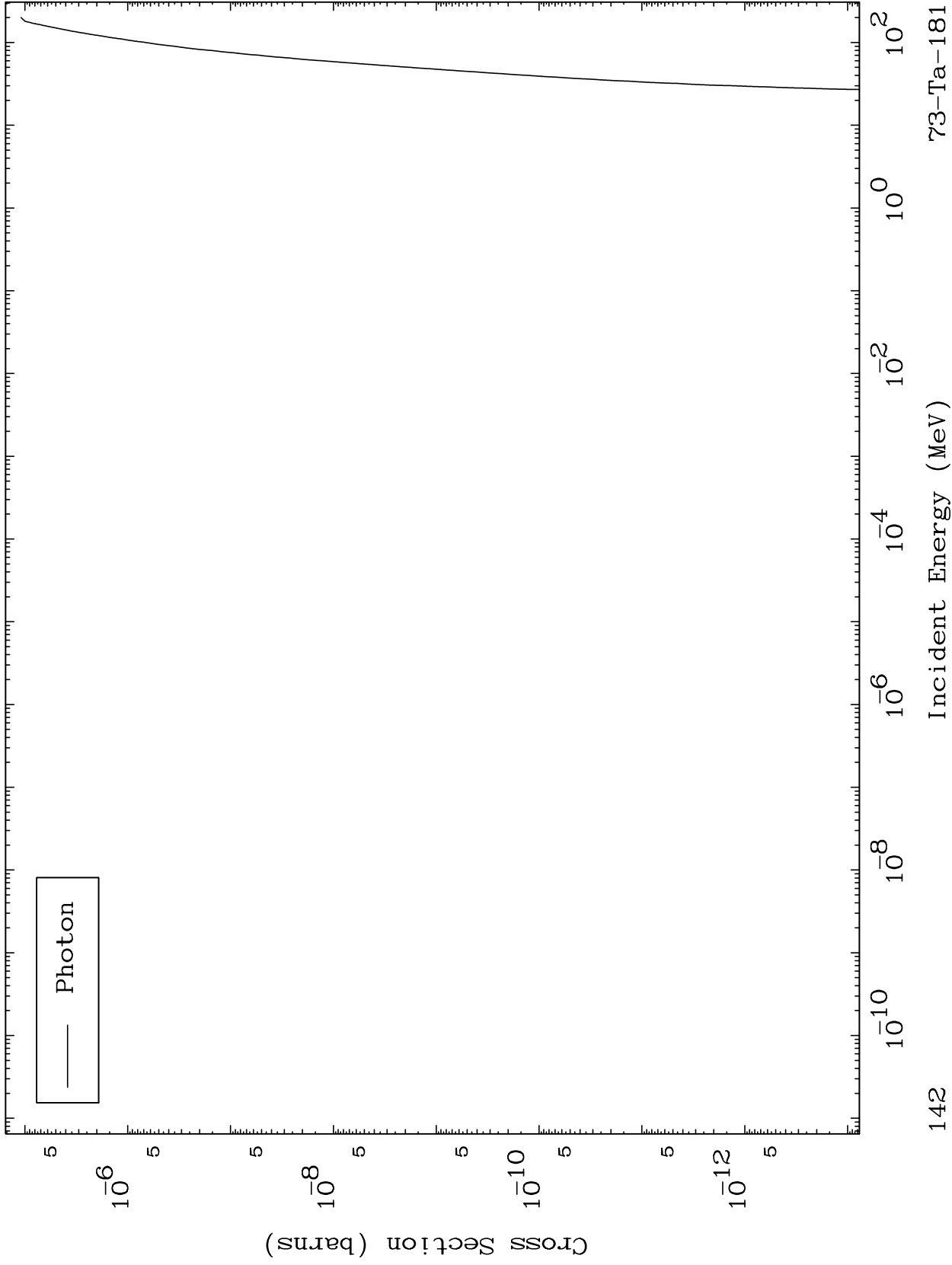
<sup>73</sup>Ta-181

MAT 7328

Fission

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



142

Incident Energy (MeV)

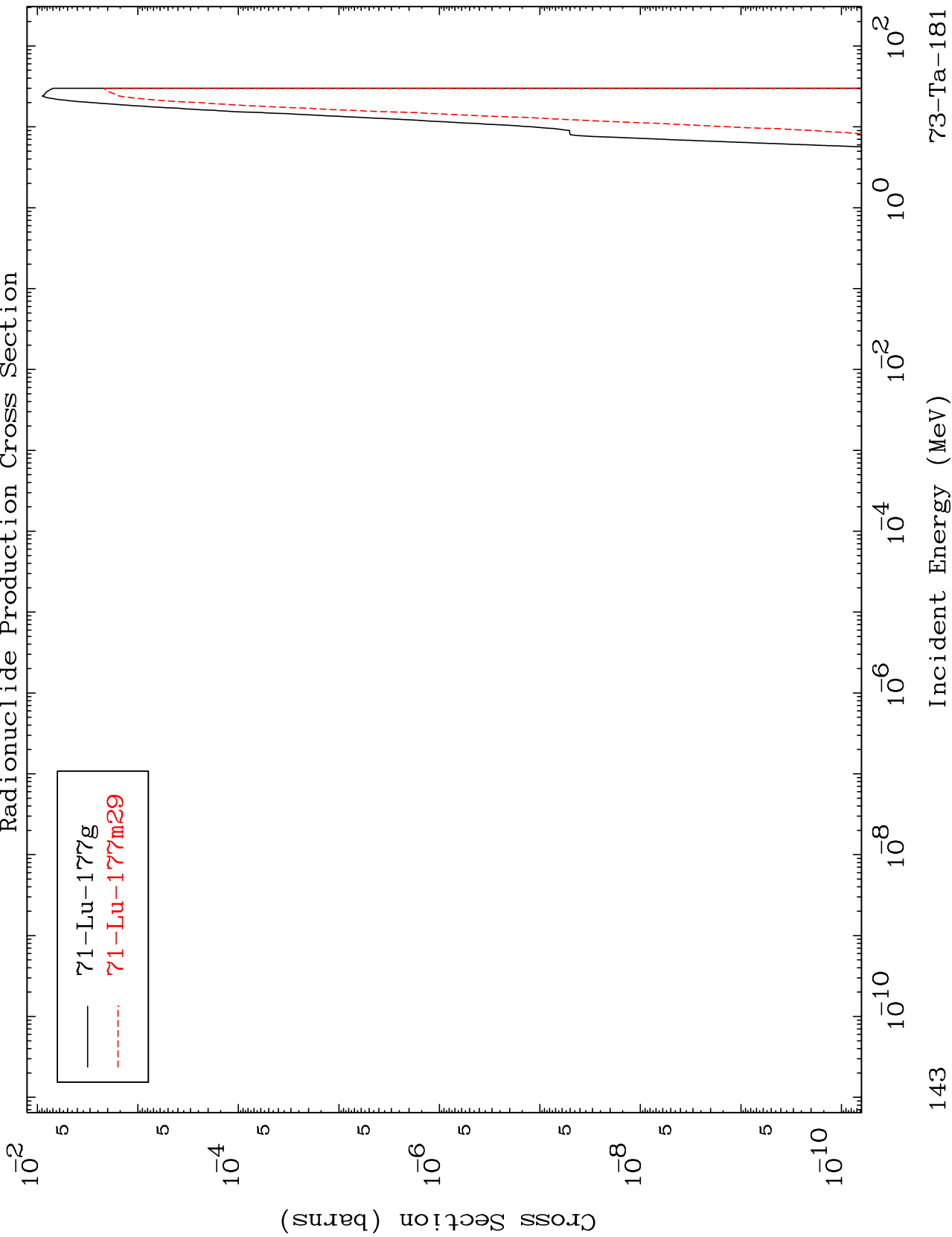
<sup>73</sup>Ta-181

MAT 7328

$(n, n') \alpha$

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



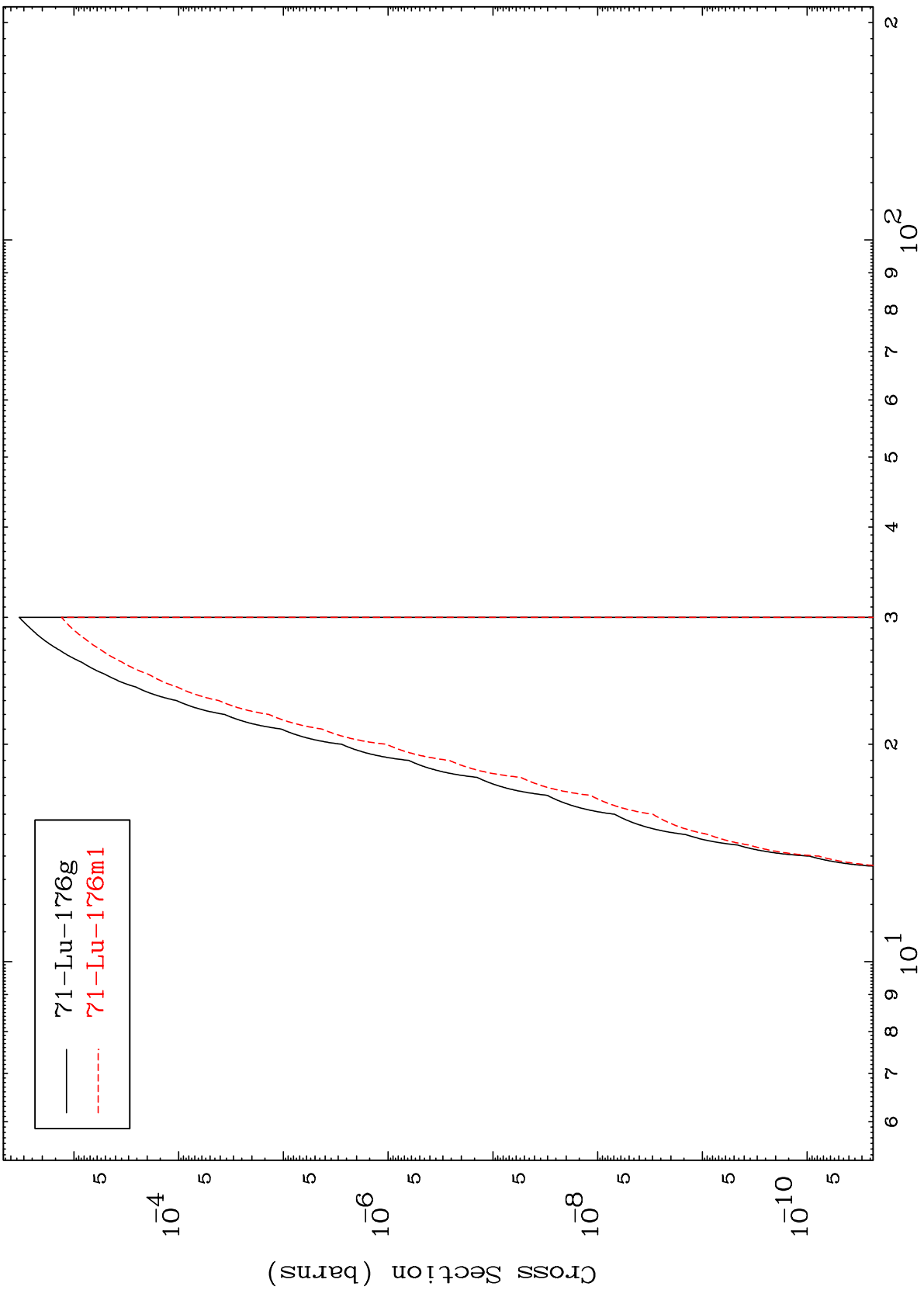


MAT 7328

(n,2n)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1

144

Incident Energy (MeV)

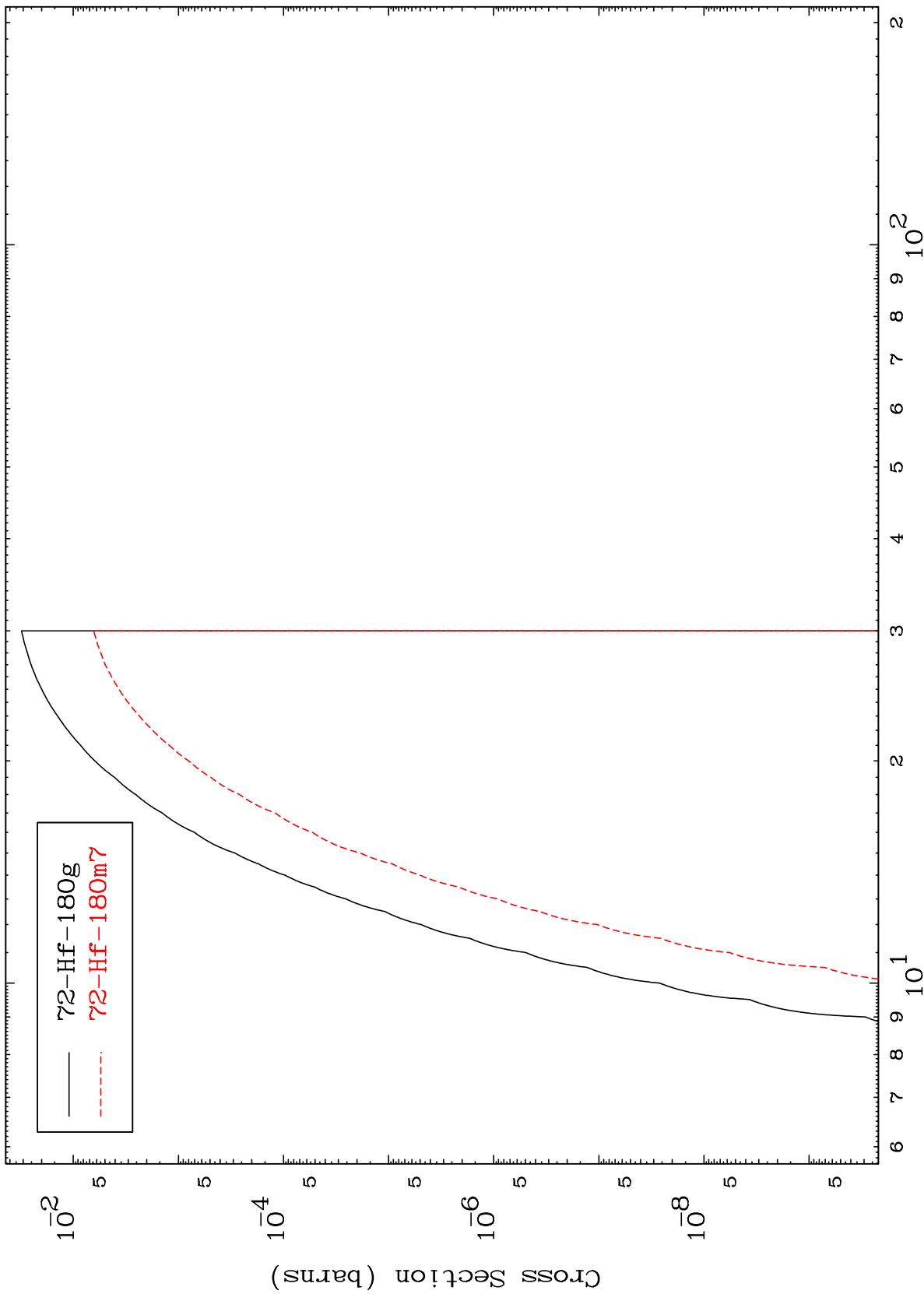
<sup>73</sup>Ta-181

MAT 7328

(n,n') p

73-Ta-181

Radionuclide Production Cross Section



72-Hf-180g  
72-Hf-180m7

145

Incident Energy (MeV)

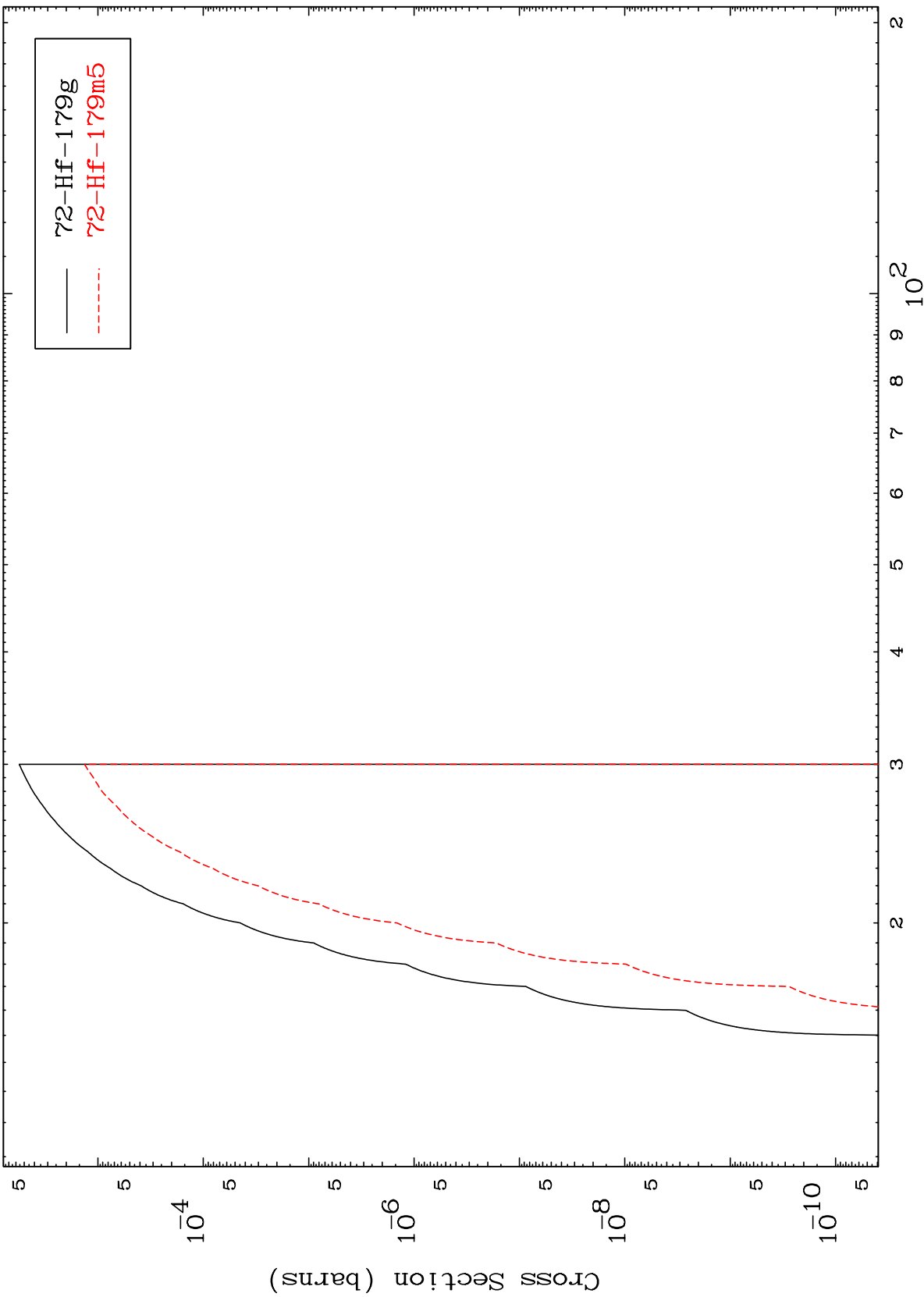
73-Ta-181

MAT 7328

(n,n') d

73-Ta-181

Radionuclide Production Cross Section

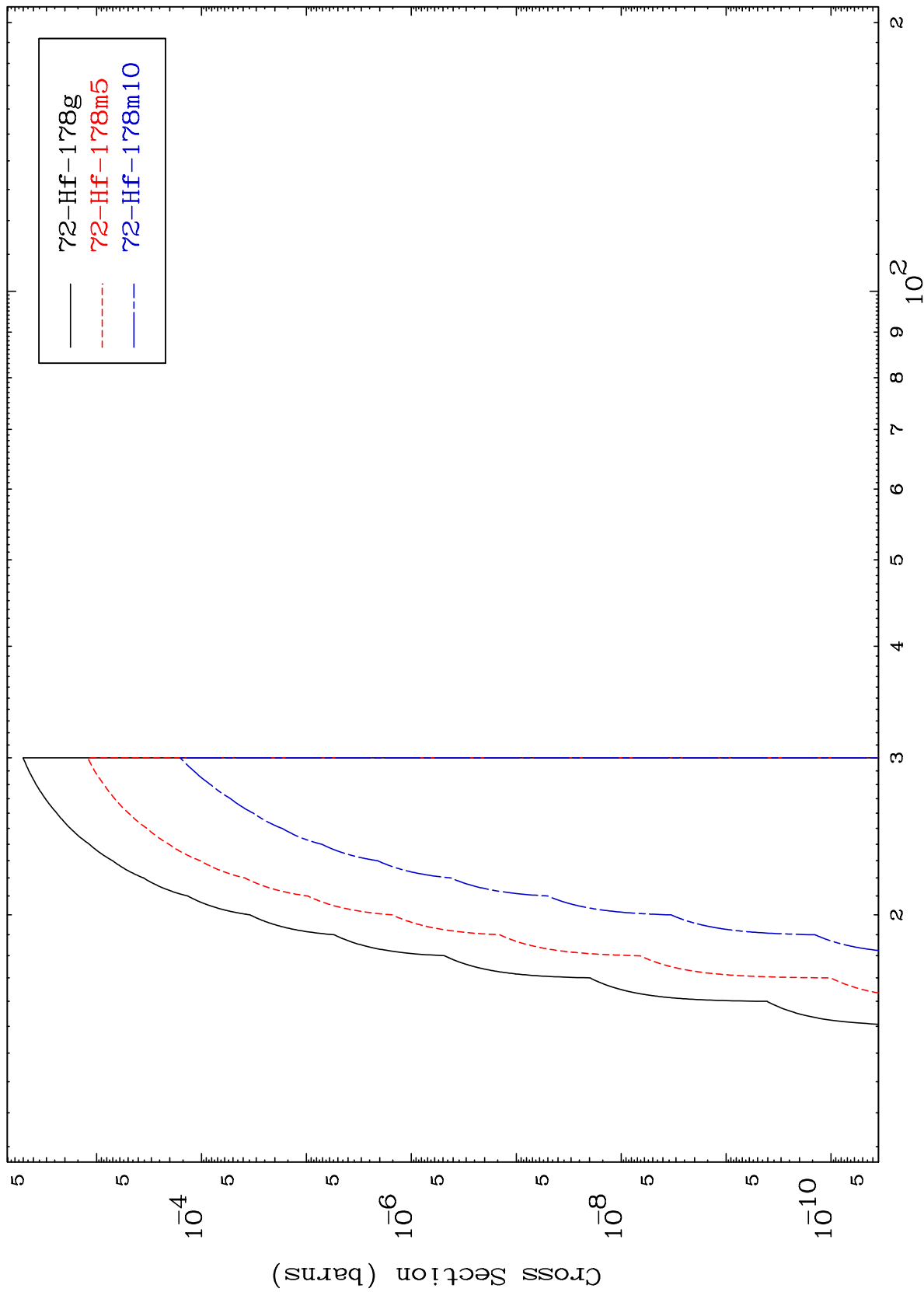


146

Incident Energy (MeV)

73-Ta-181

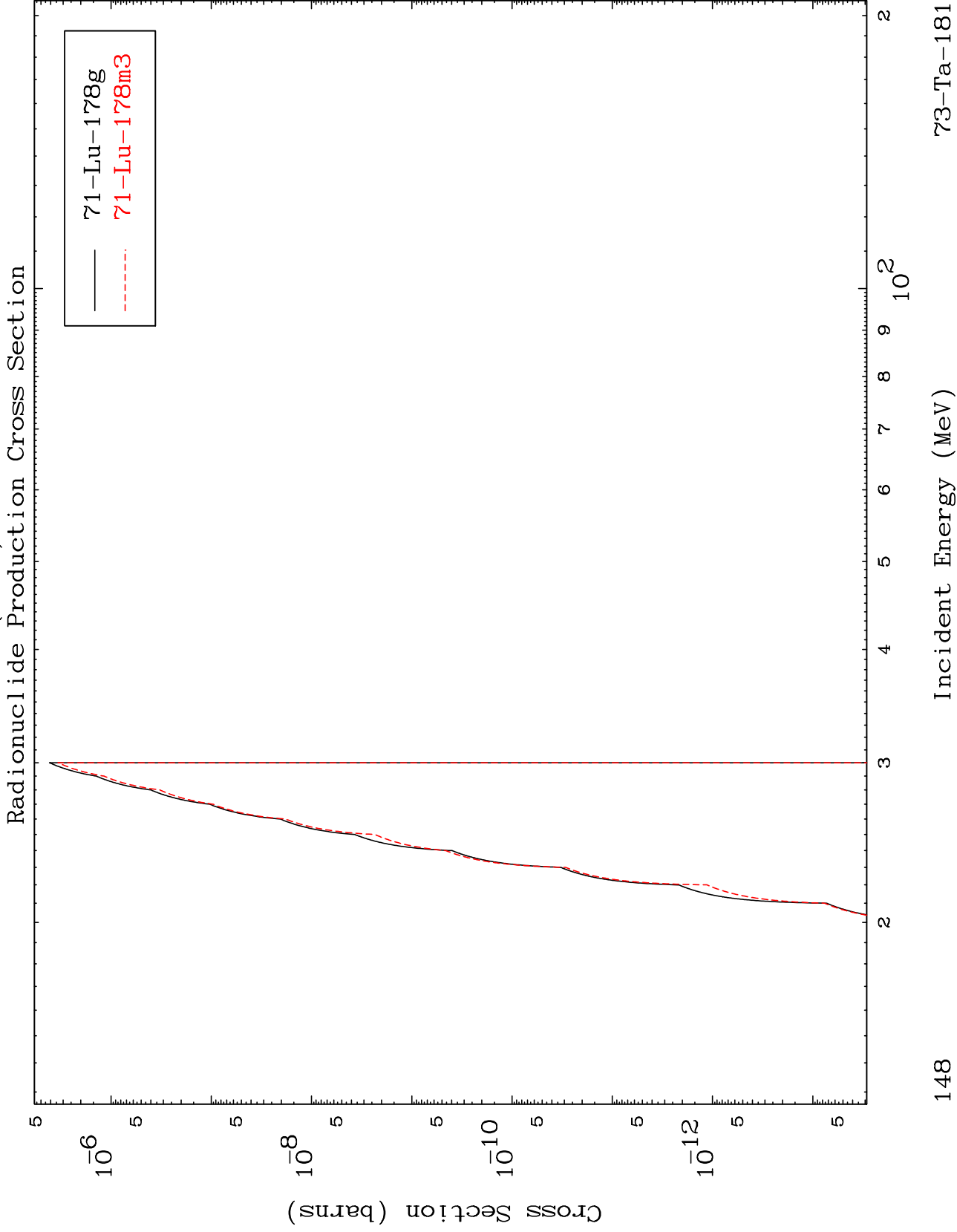
Radionuclide Production Cross Section



MAT 7328

(n,n') He-3

73-Ta-181



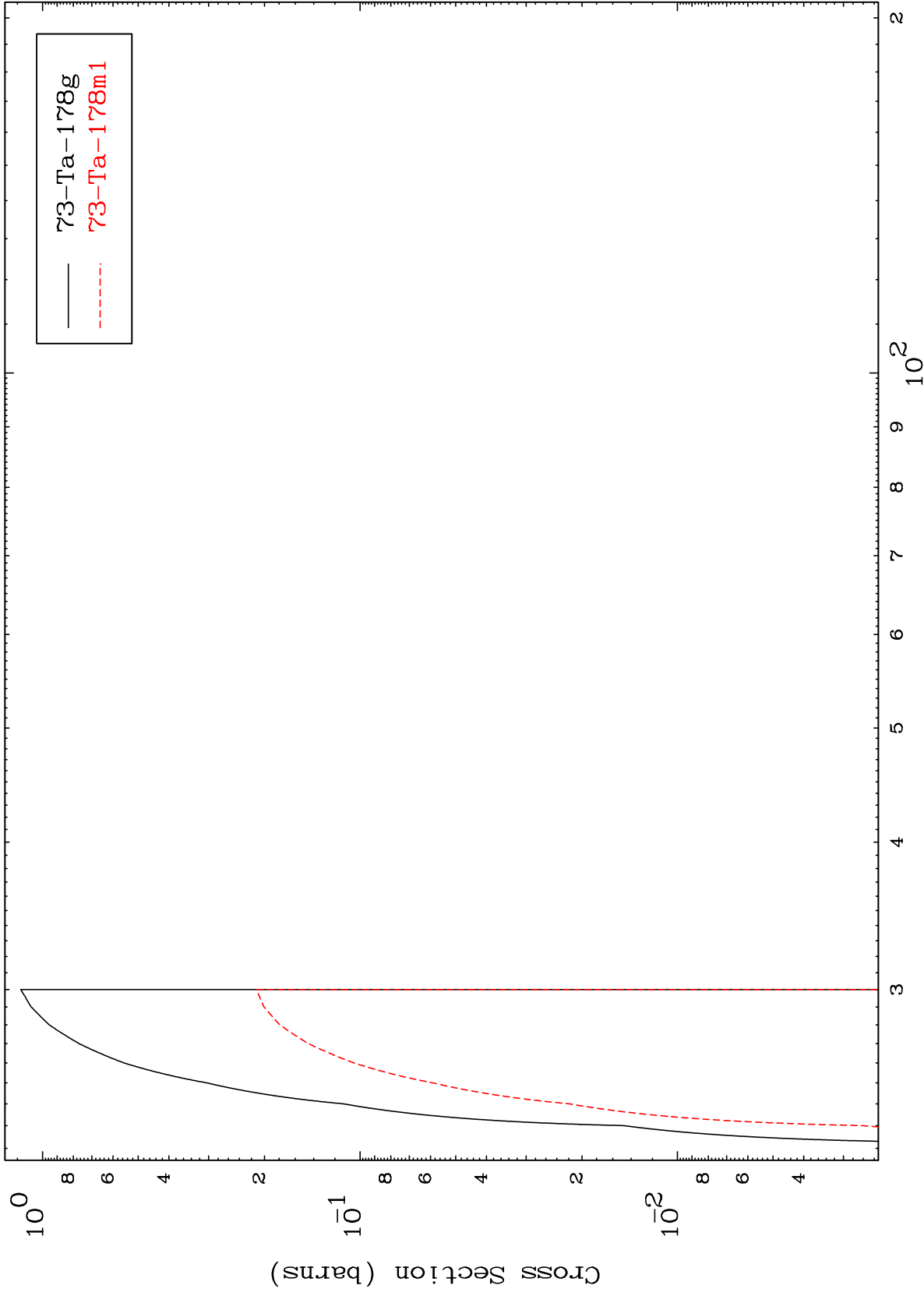
148

MAT 7328

(n,4n)

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



149

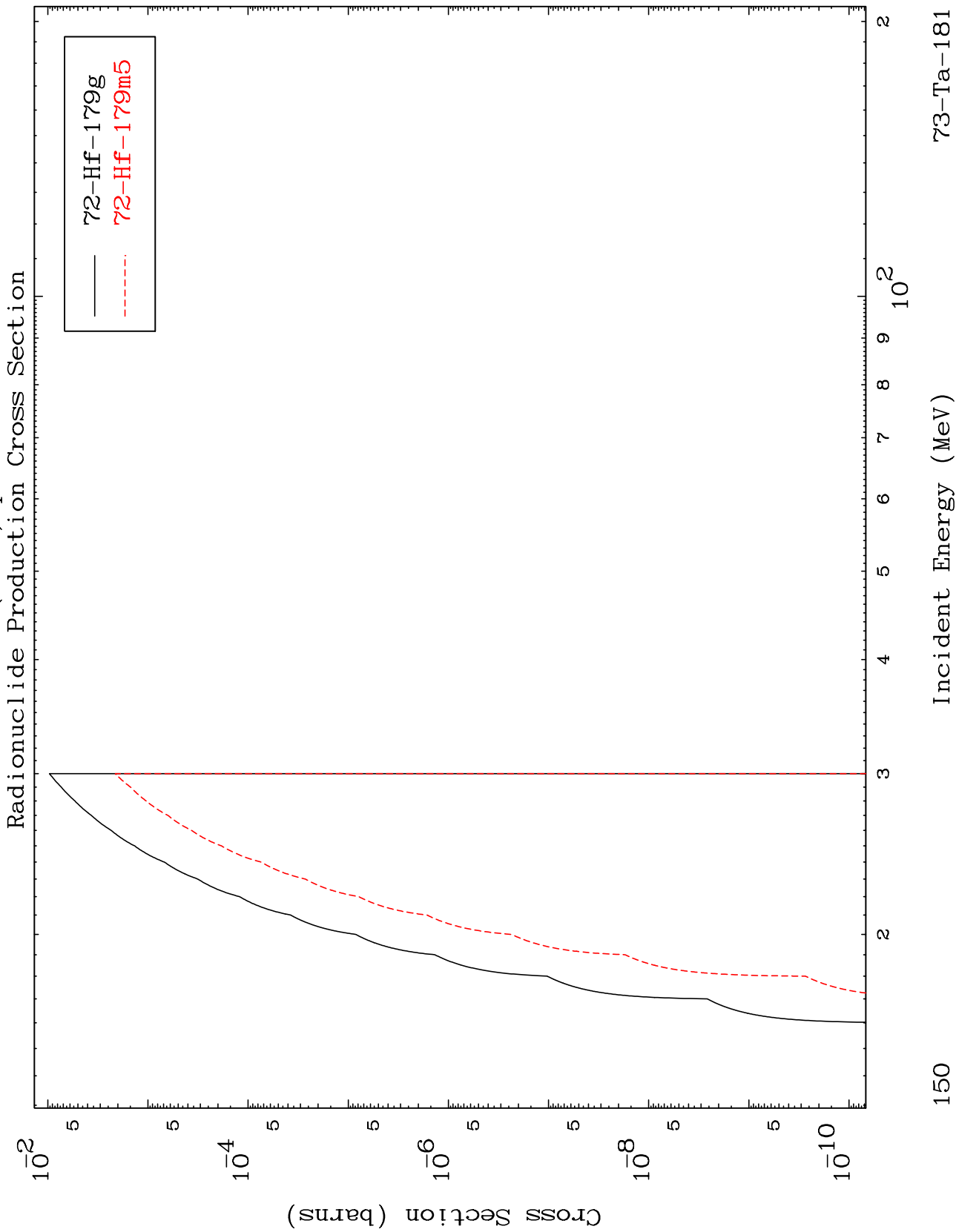
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

(n,2n) p

<sup>73</sup>Ta-181



150

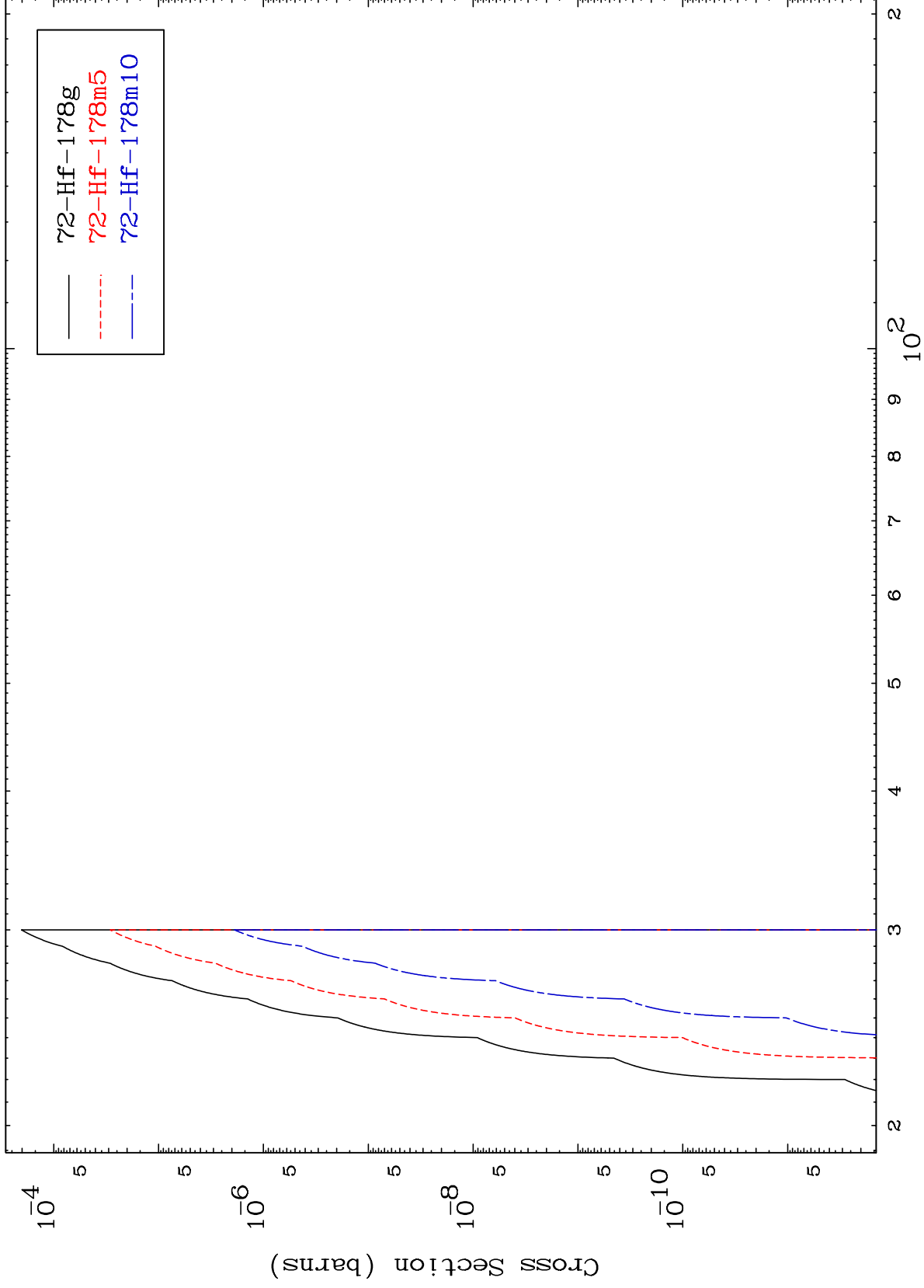
<sup>73</sup>Ta-181

MAT 7328

(n,3n) p

73-Ta-181

Radionuclide Production Cross Section



151

Incident Energy (MeV)

73-Ta-181

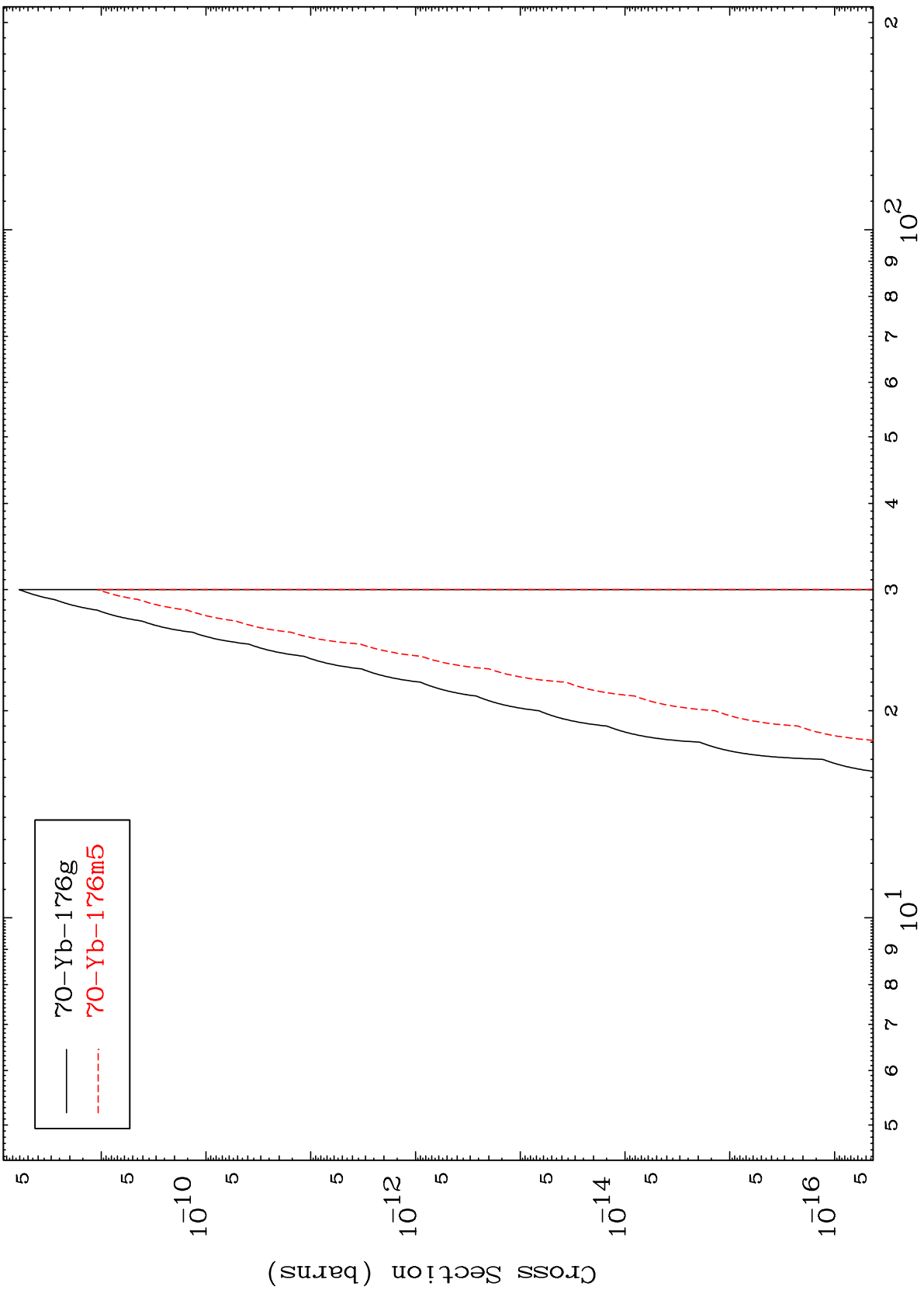


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(n,n') p  $\alpha$

73-Ta-181

Radionuclide Production Cross Section



70-Yb-176g  
70-Yb-176m5

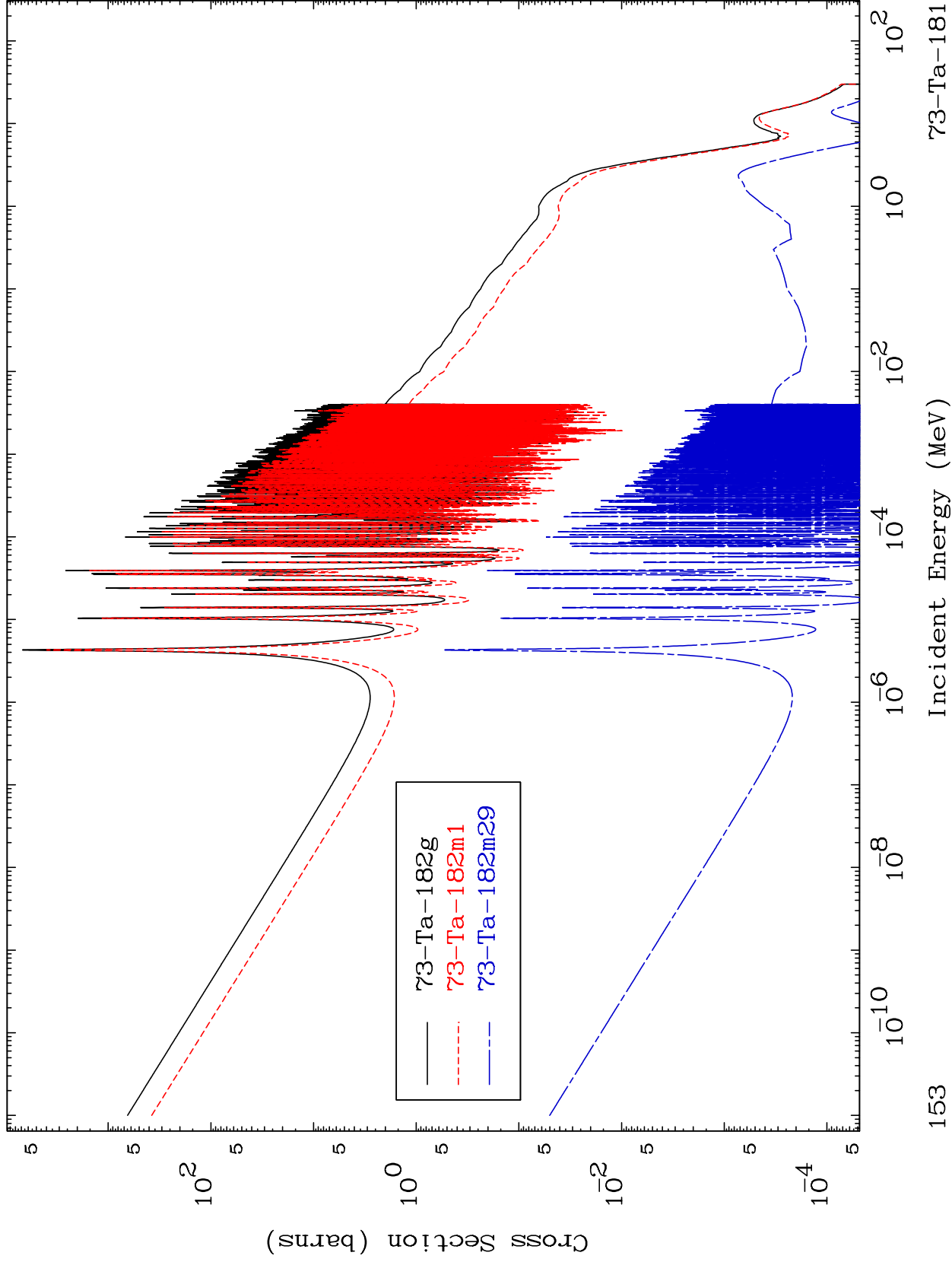
152

Incident Energy (MeV)

73-Ta-181

Radionuclide Production Cross Section

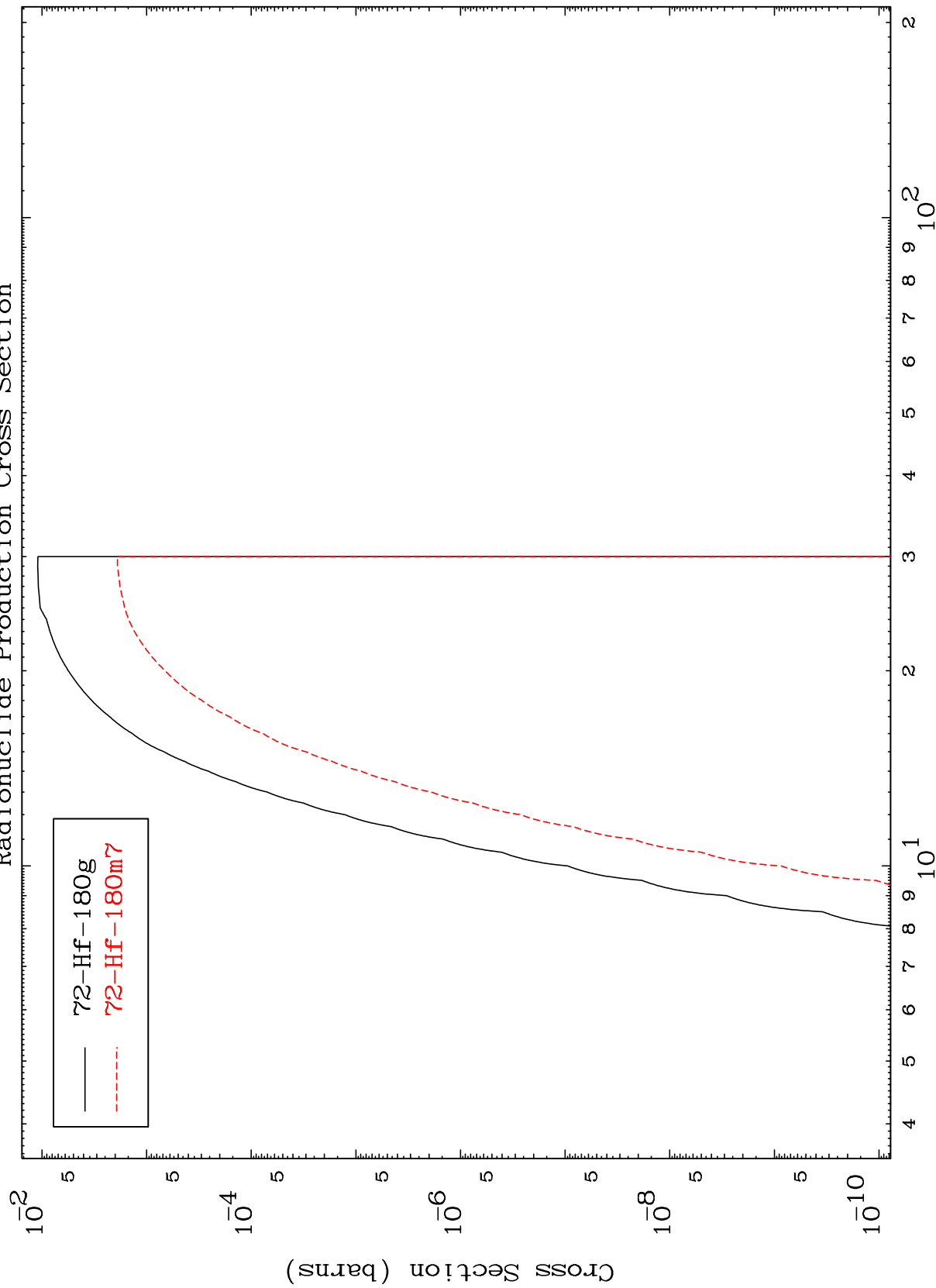
(n,  $\gamma$ )



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<sup>73</sup>Ta-181

Radionuclide Production Cross Section (n,d)



Incident Energy (MeV)

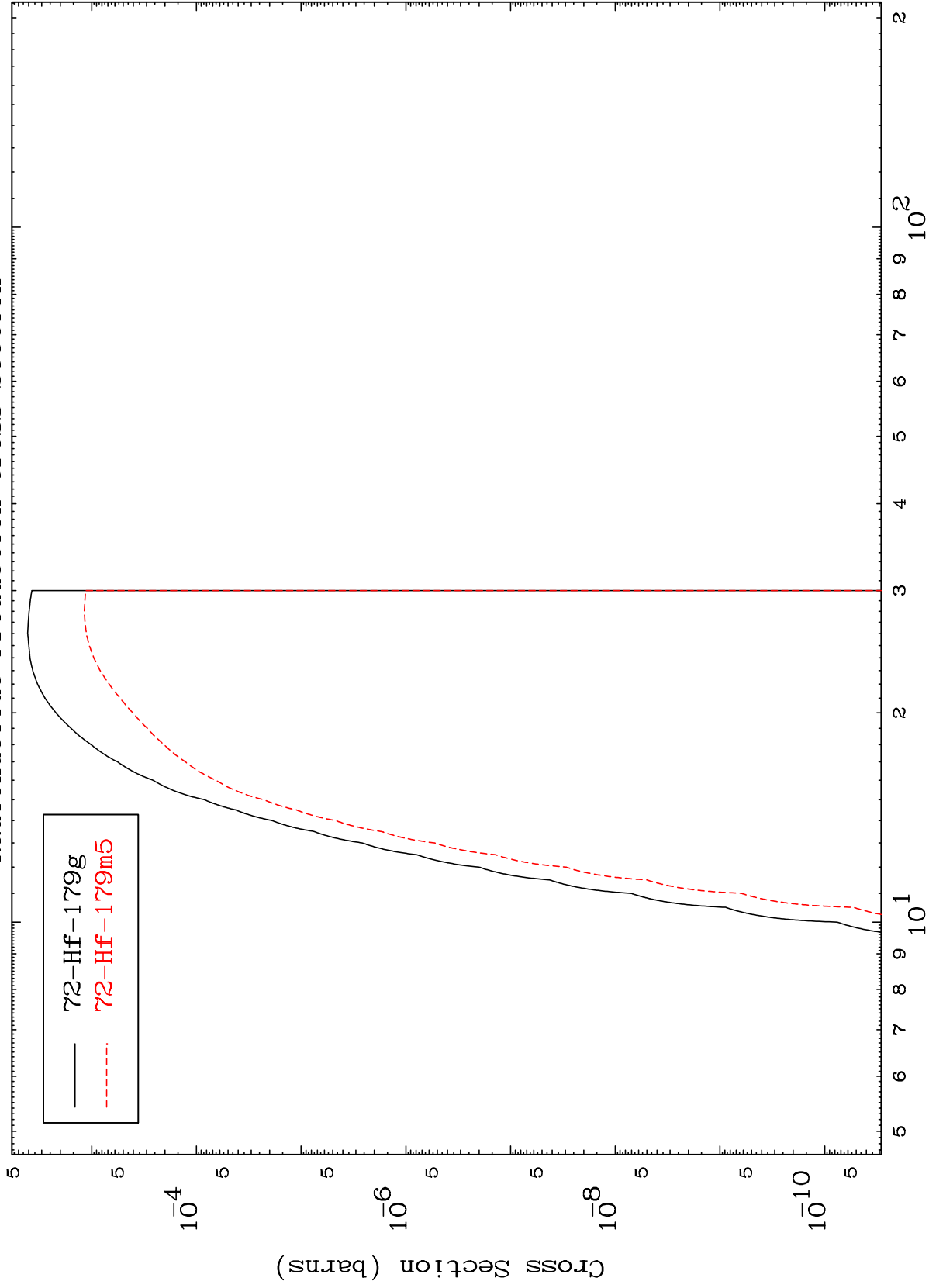
<sup>73</sup>Ta-181

154

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<sup>73</sup>Ta-181

Radionuclide Production Cross Section (n,t)



<sup>73</sup>Ta-181

Incident Energy (MeV)

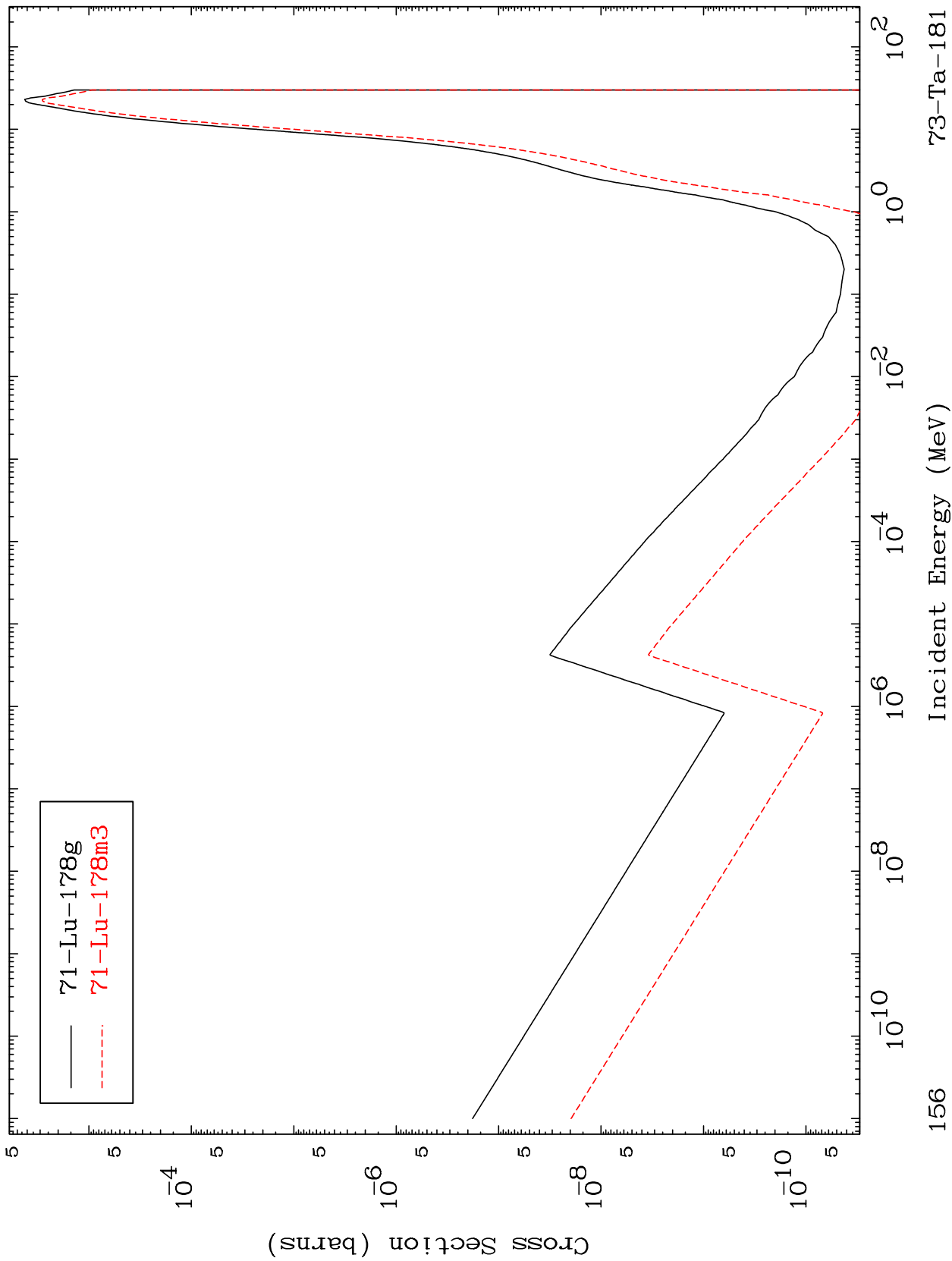
155

MAT 7328

(n,  $\alpha$ )

<sup>73</sup>Ta-181

Radionuclide Production Cross Section

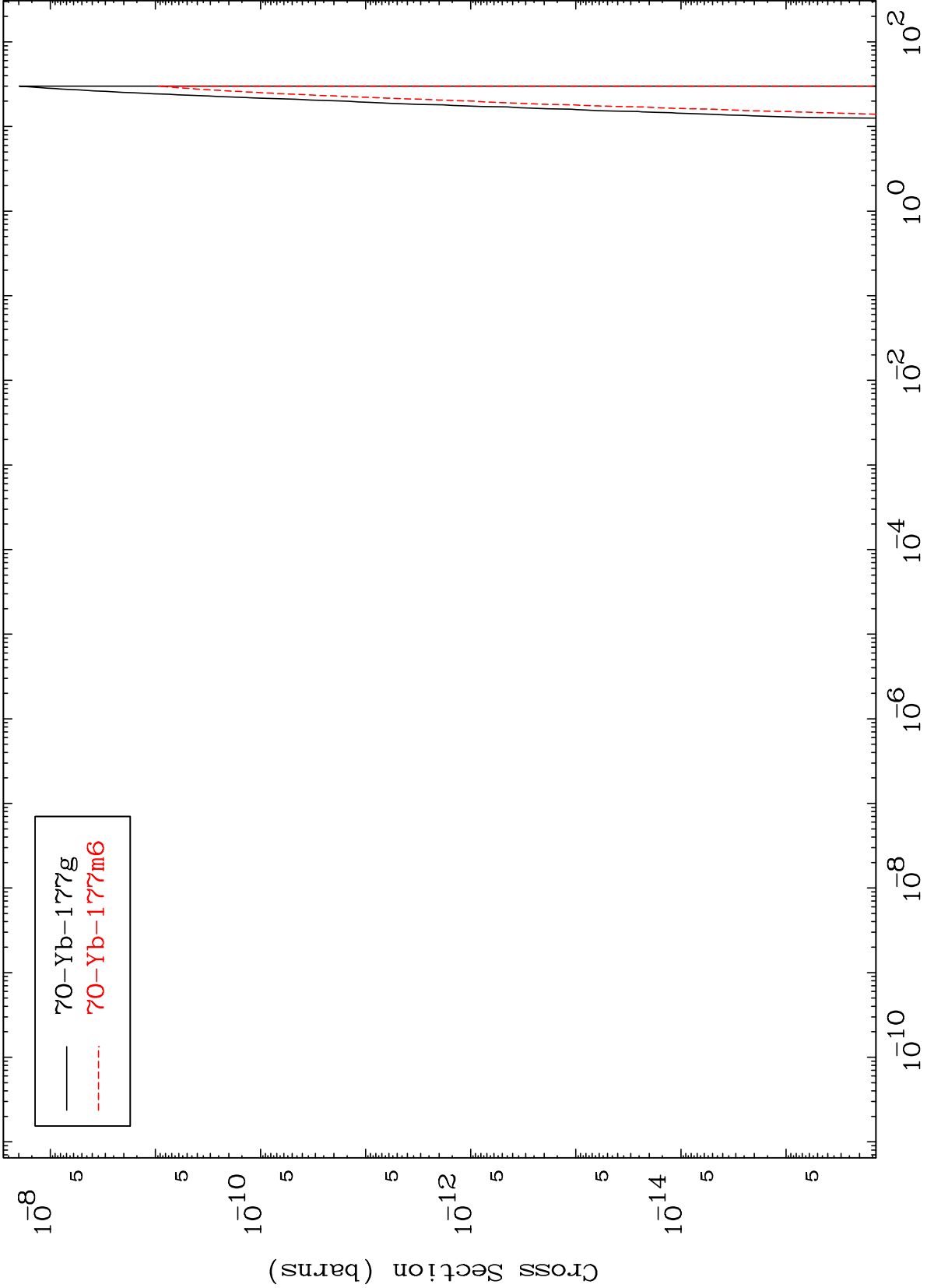


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(n,p)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



157

Incident Energy (MeV)

<sup>73</sup>Ta-181