

Program EVALPLOT  
(Version 2018-1)

by

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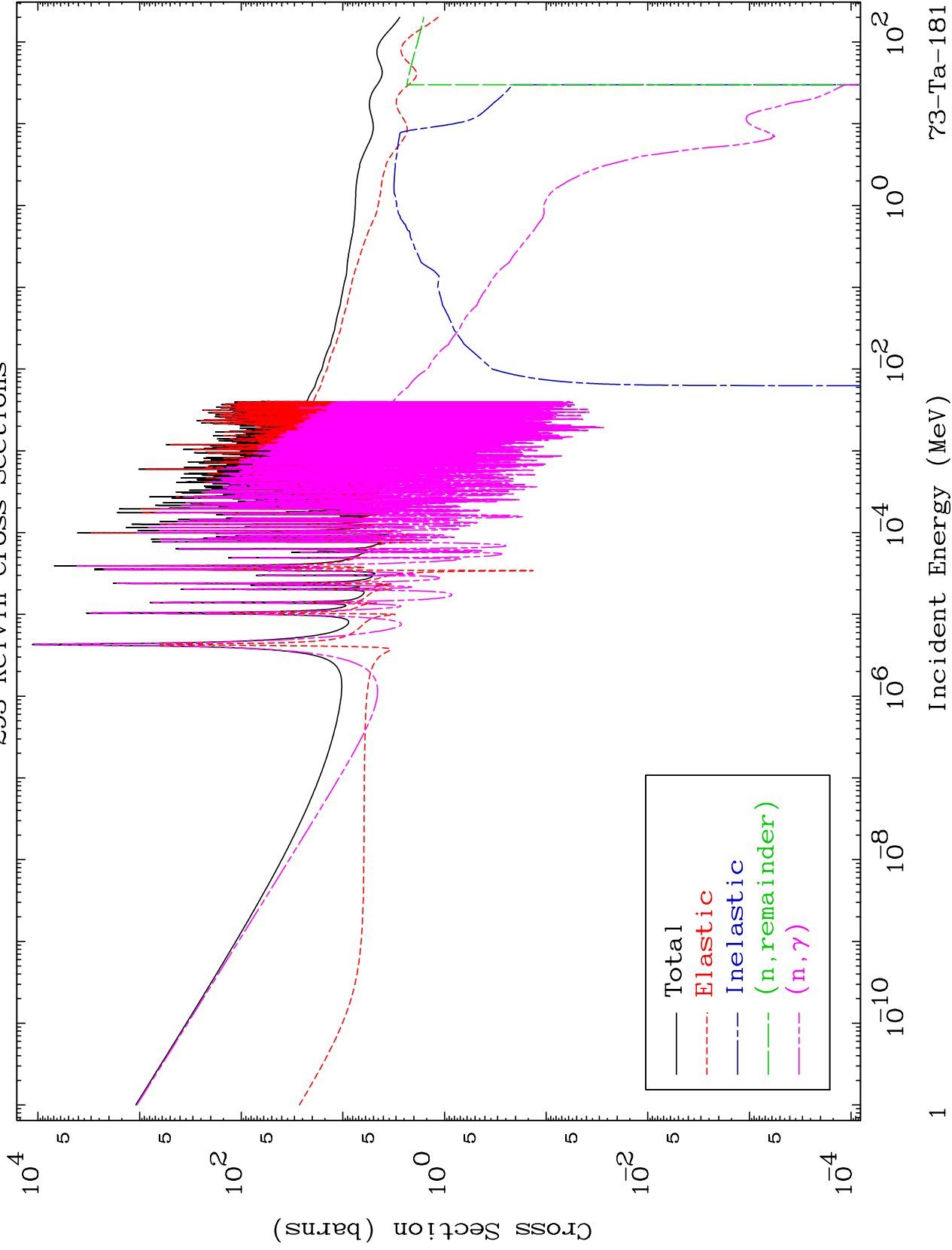
Press Mouse Button to Start

MAT 7328

Major

293 Kelvin Cross Sections

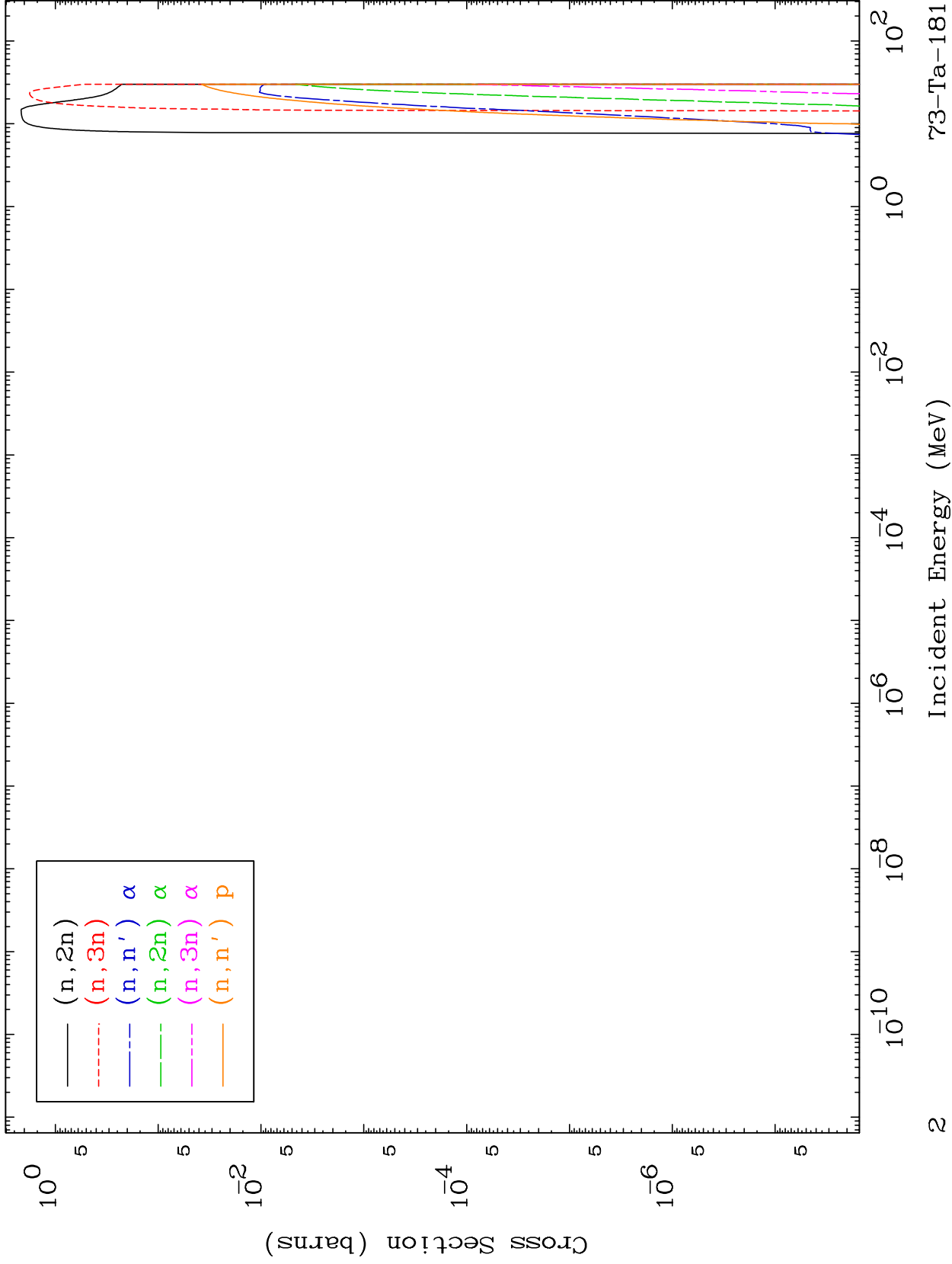
73-Ta-181

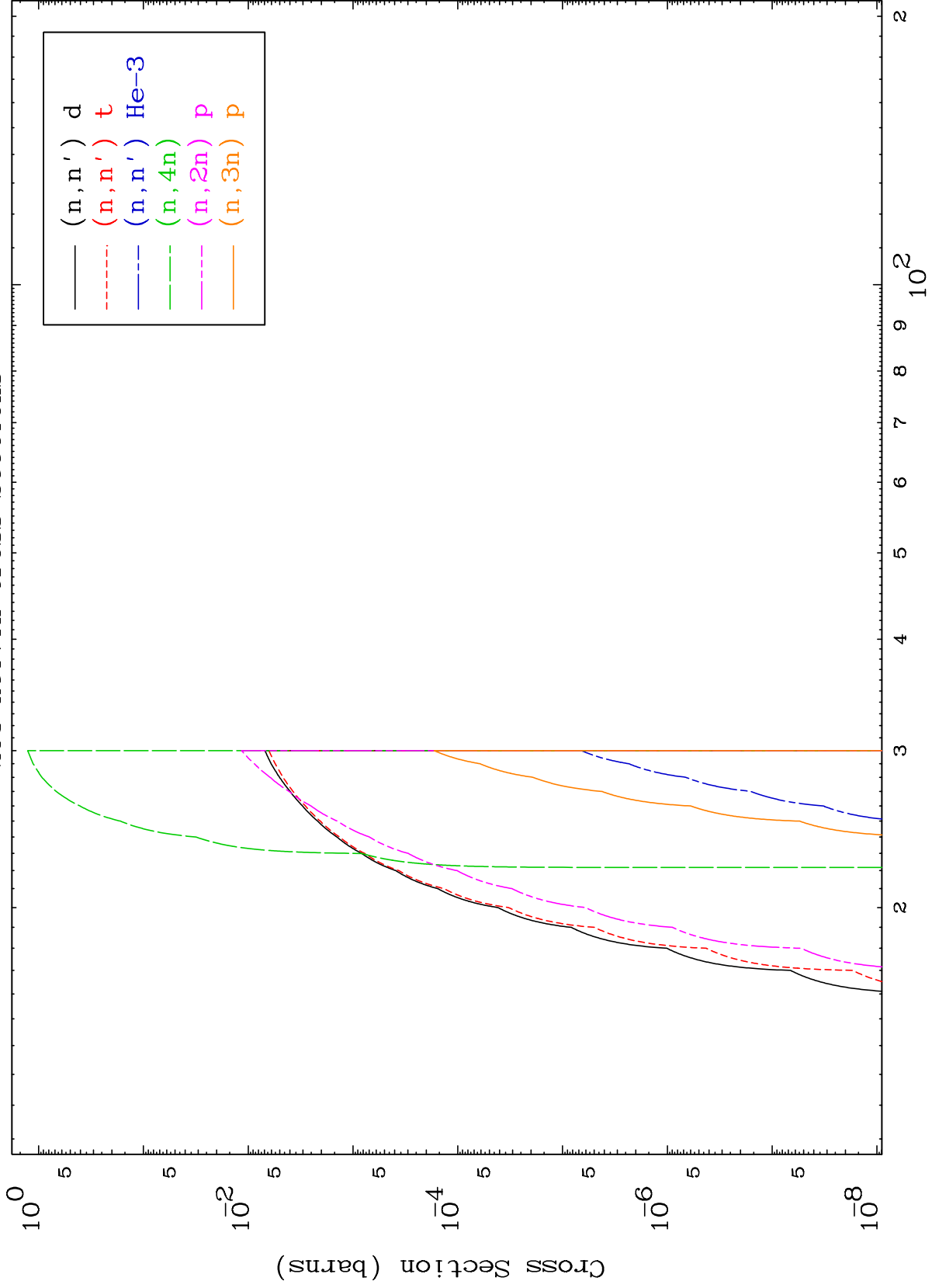


MAT 7328

Neutron Production  
293 Kelvin Cross Sections

73-Ta-181

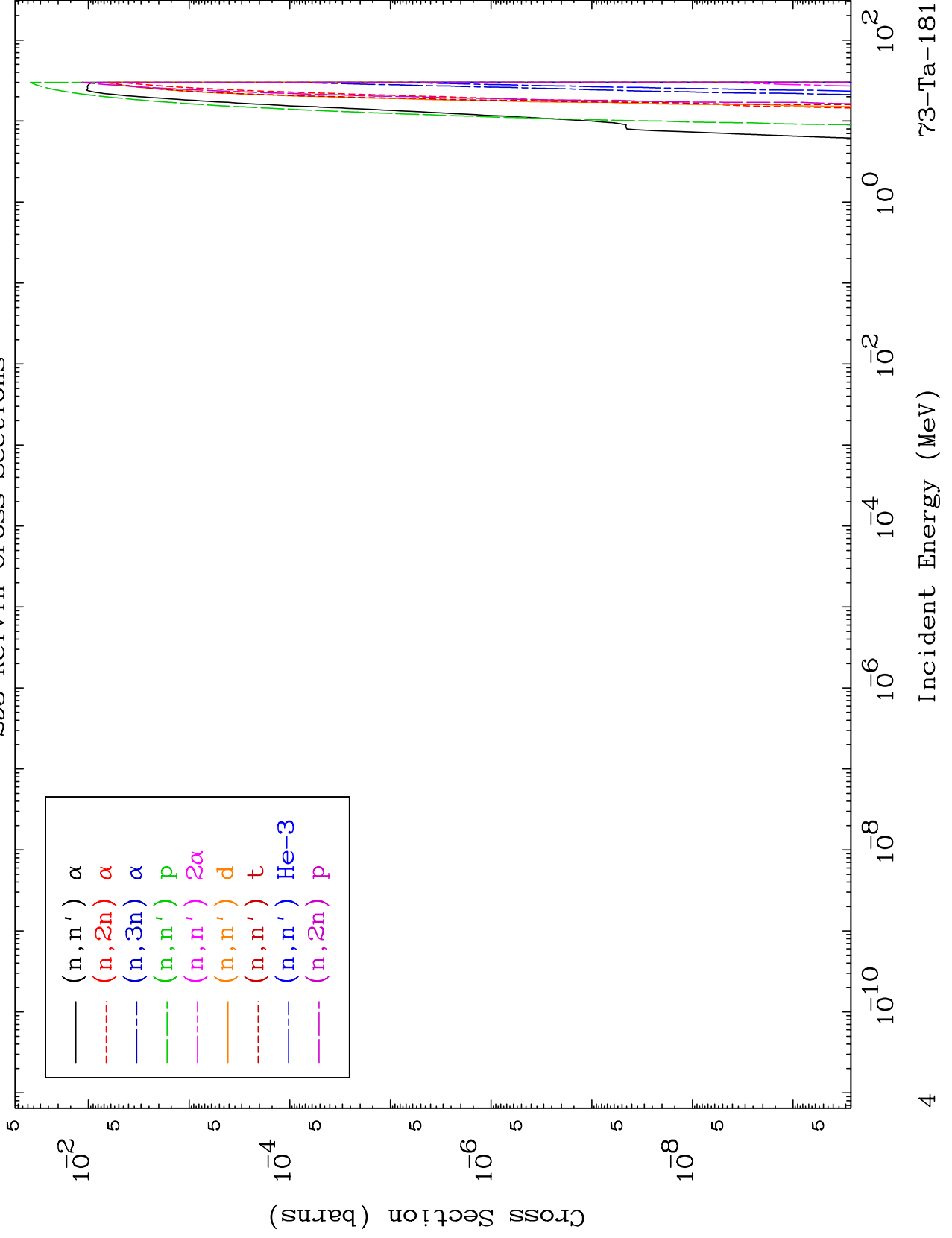




MAT 7328

Charged Particle  
293 Kelvin Cross Sections

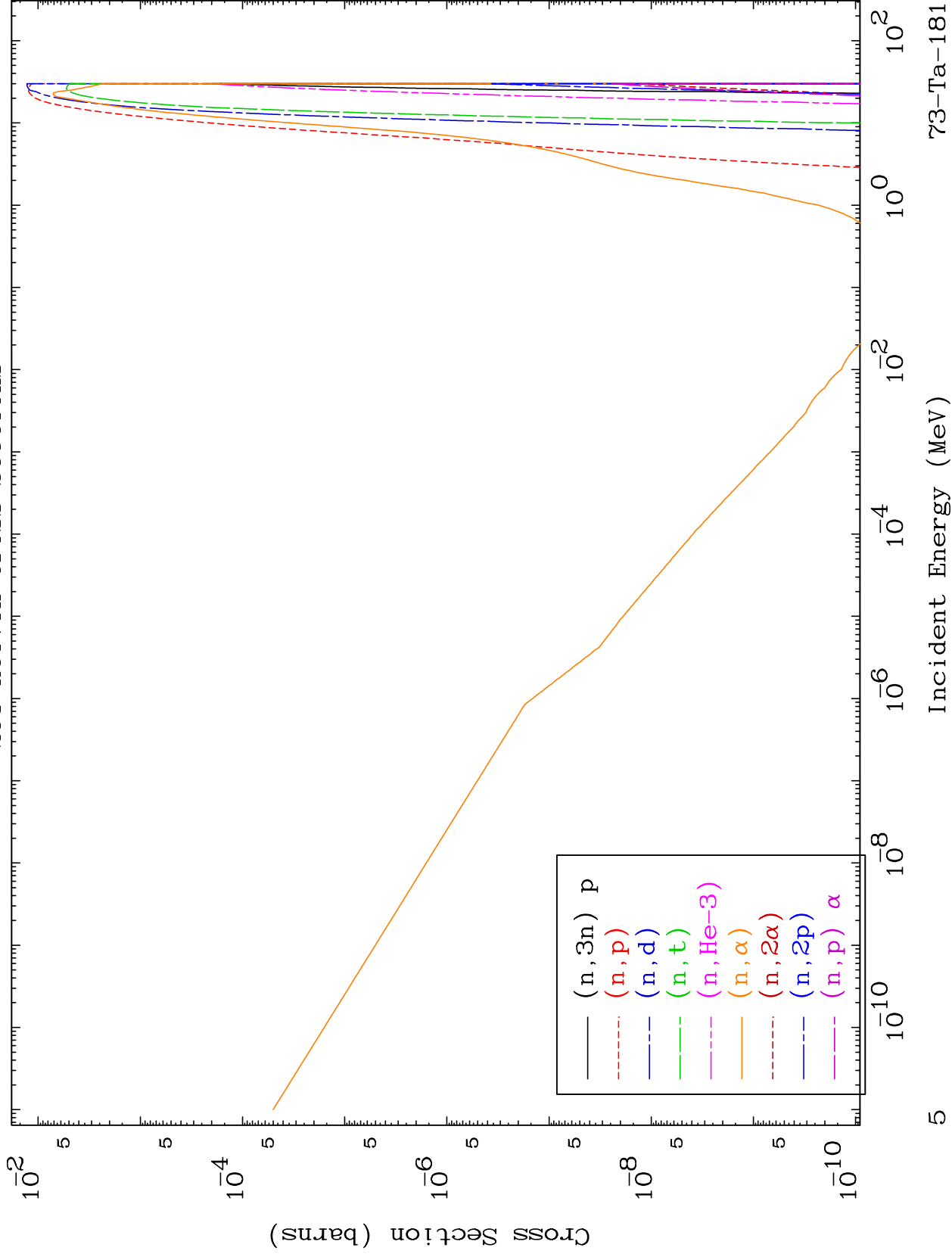
73-Ta-181



MAT 7328

Charged Particle  
293 Kelvin Cross Sections

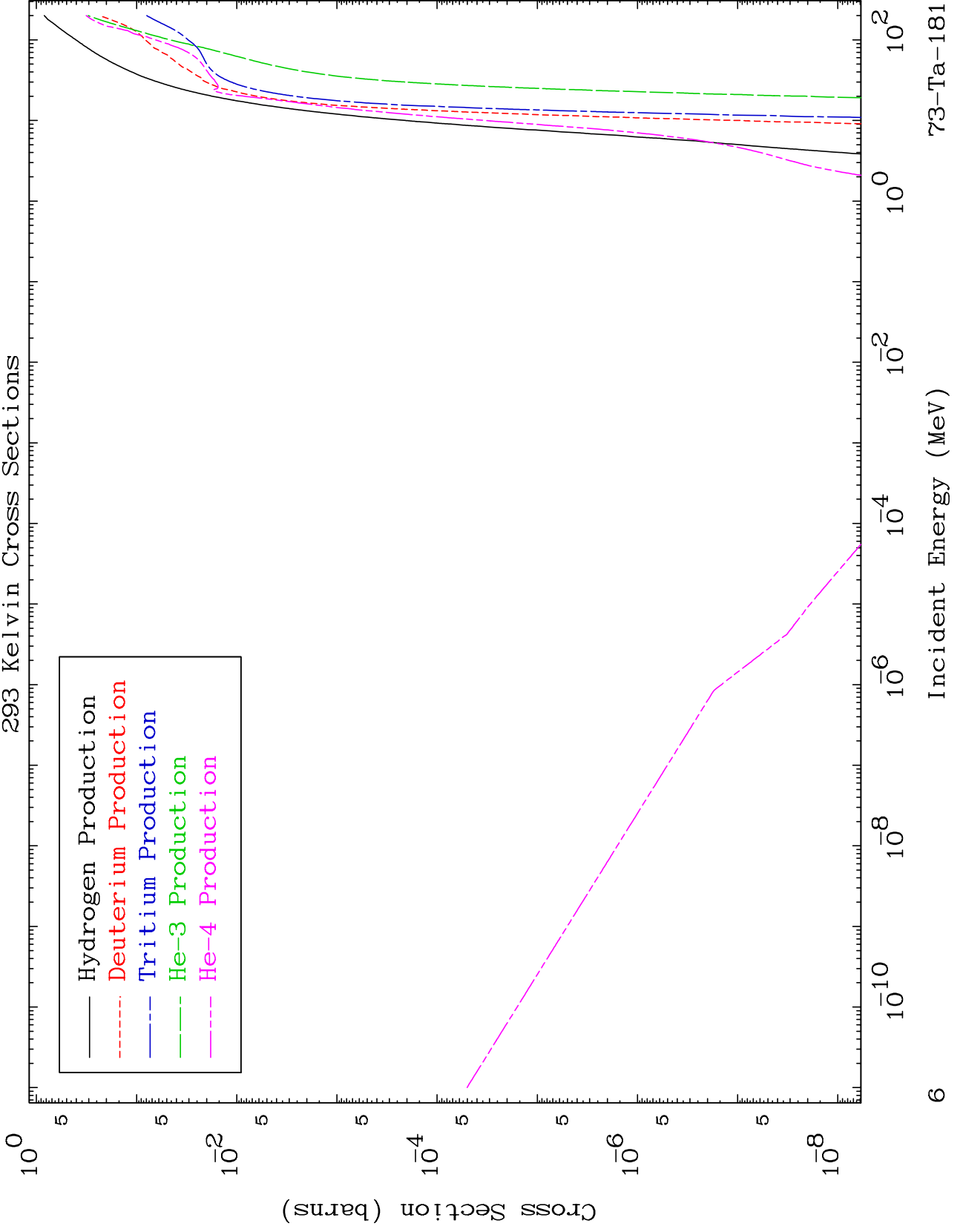
73-Ta-181



MAT 7328

Particle Production  
293 Kelvin Cross Sections

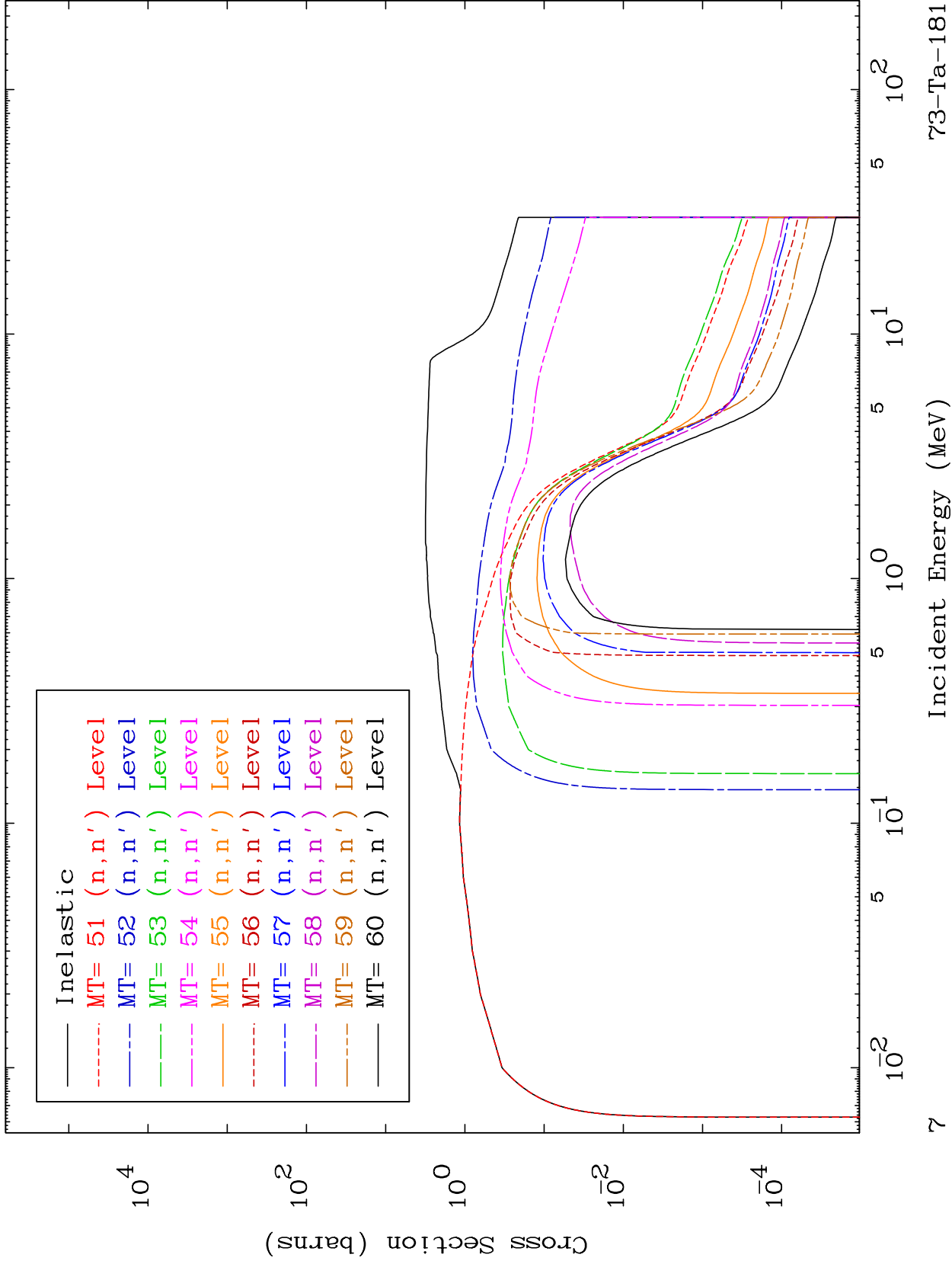
73-Ta-181



MAT 7328

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-181



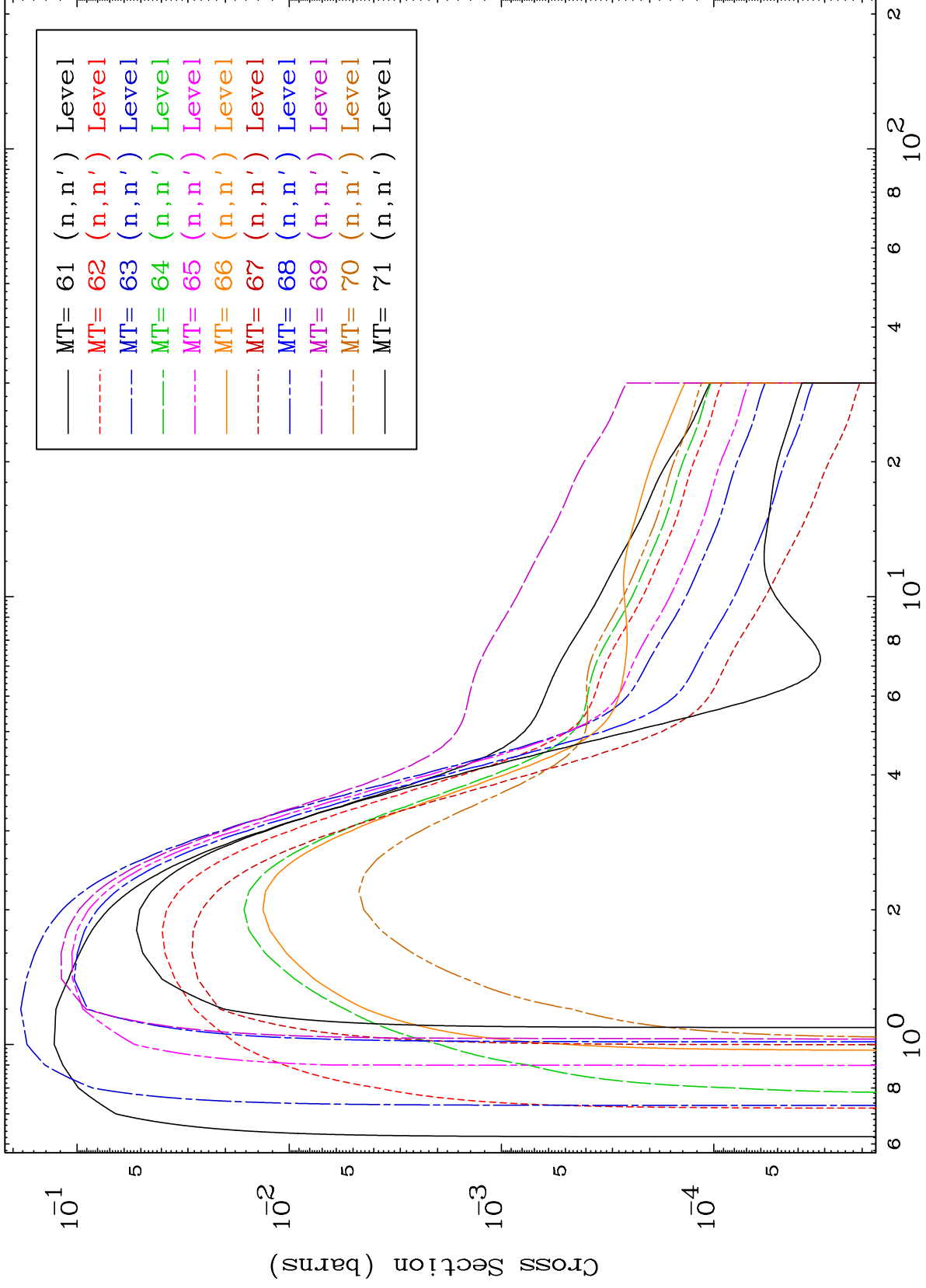


MAT 7328

(n,n') Level

73-Ta-181

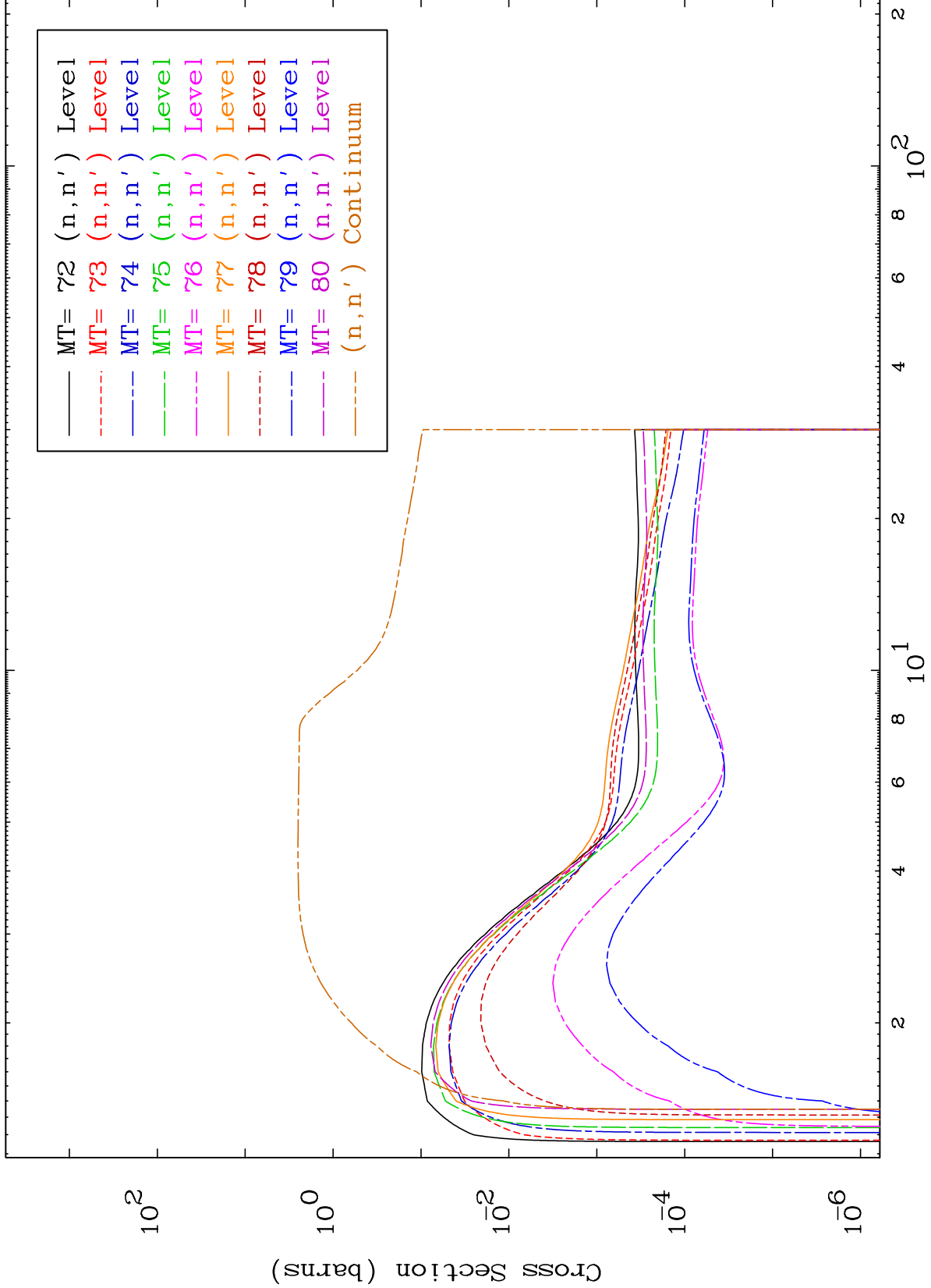
293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-181

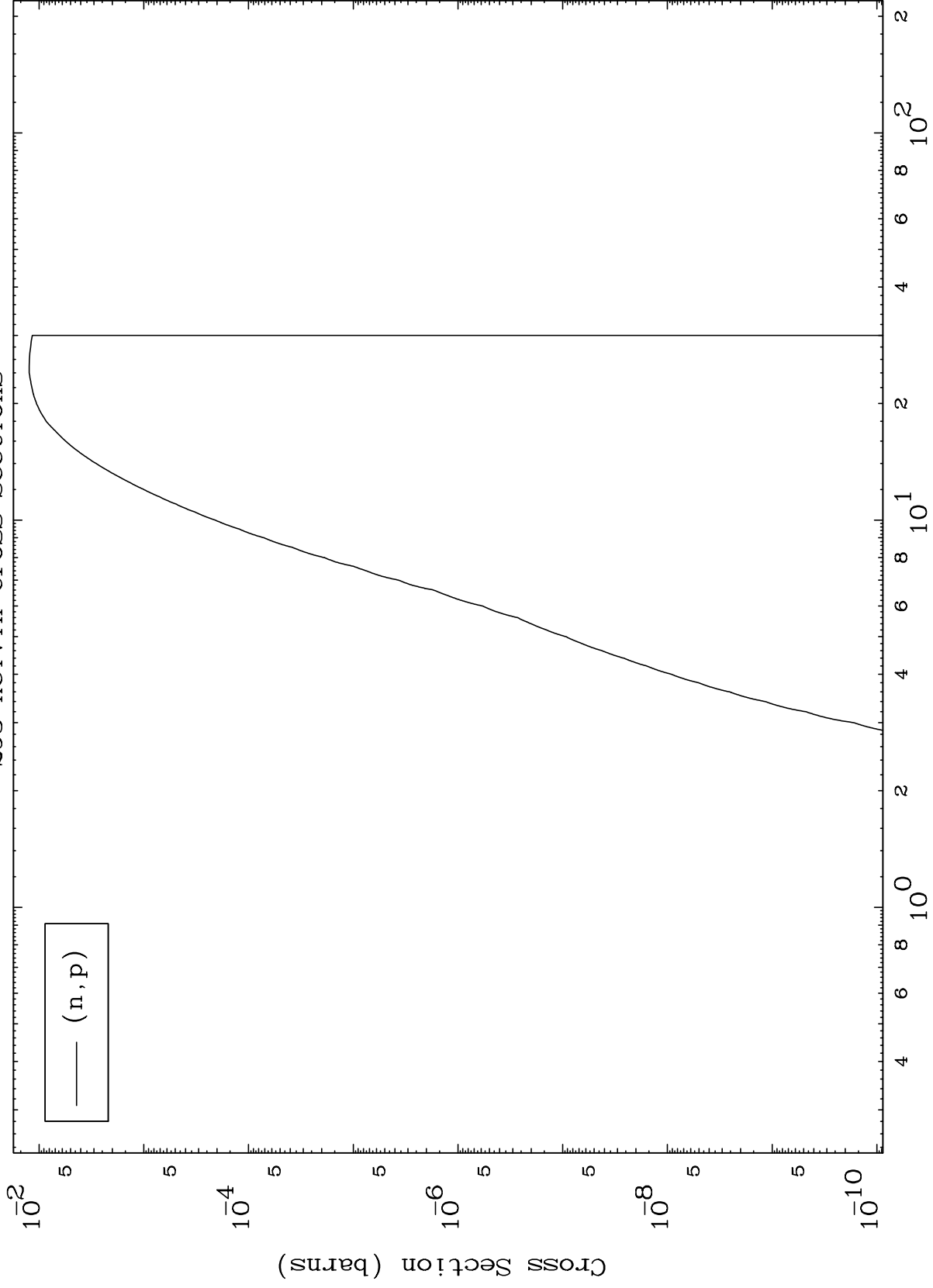
293 Kelvin Cross Sections



MAT 7328

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-181



10

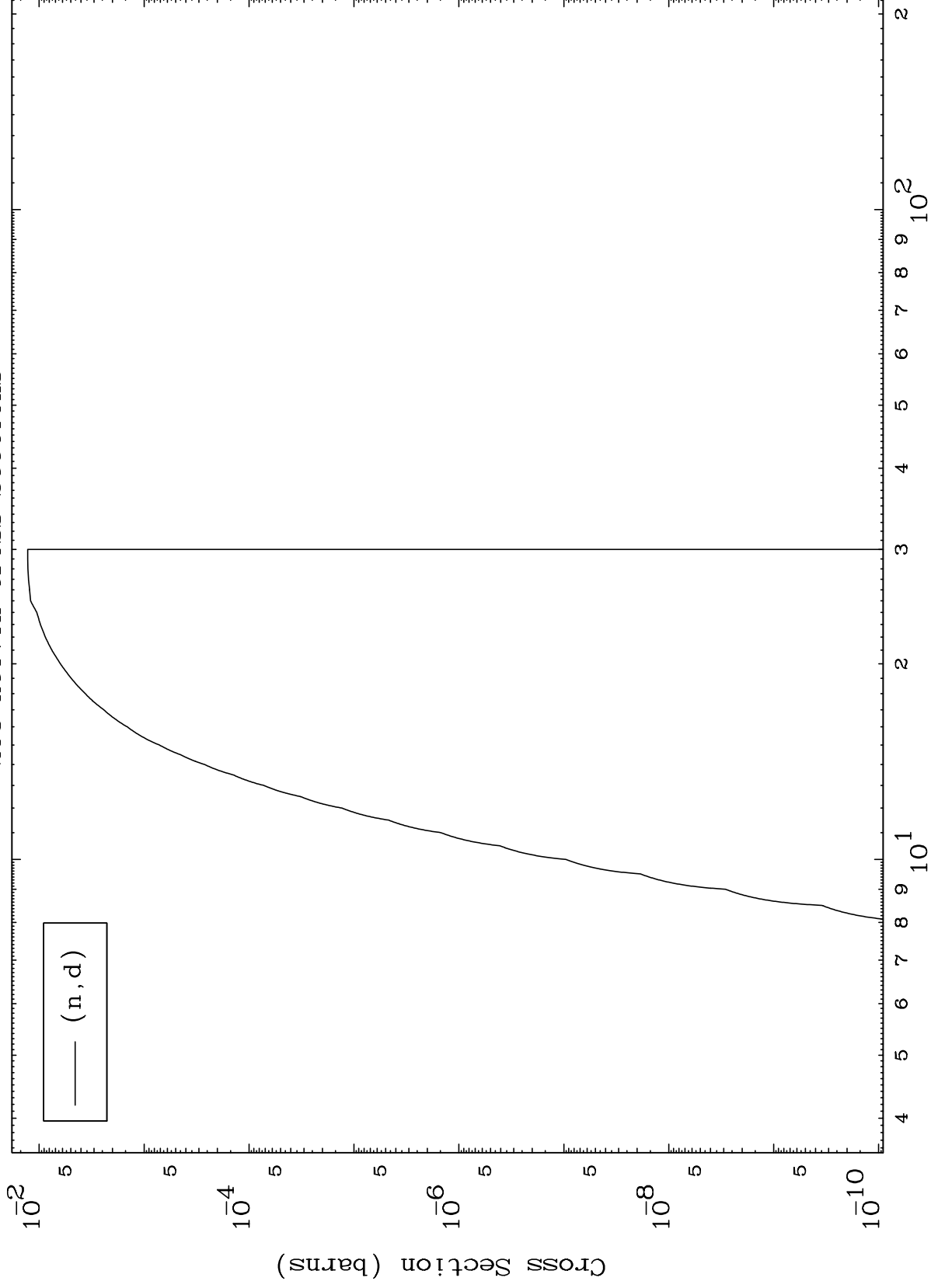
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-181



11

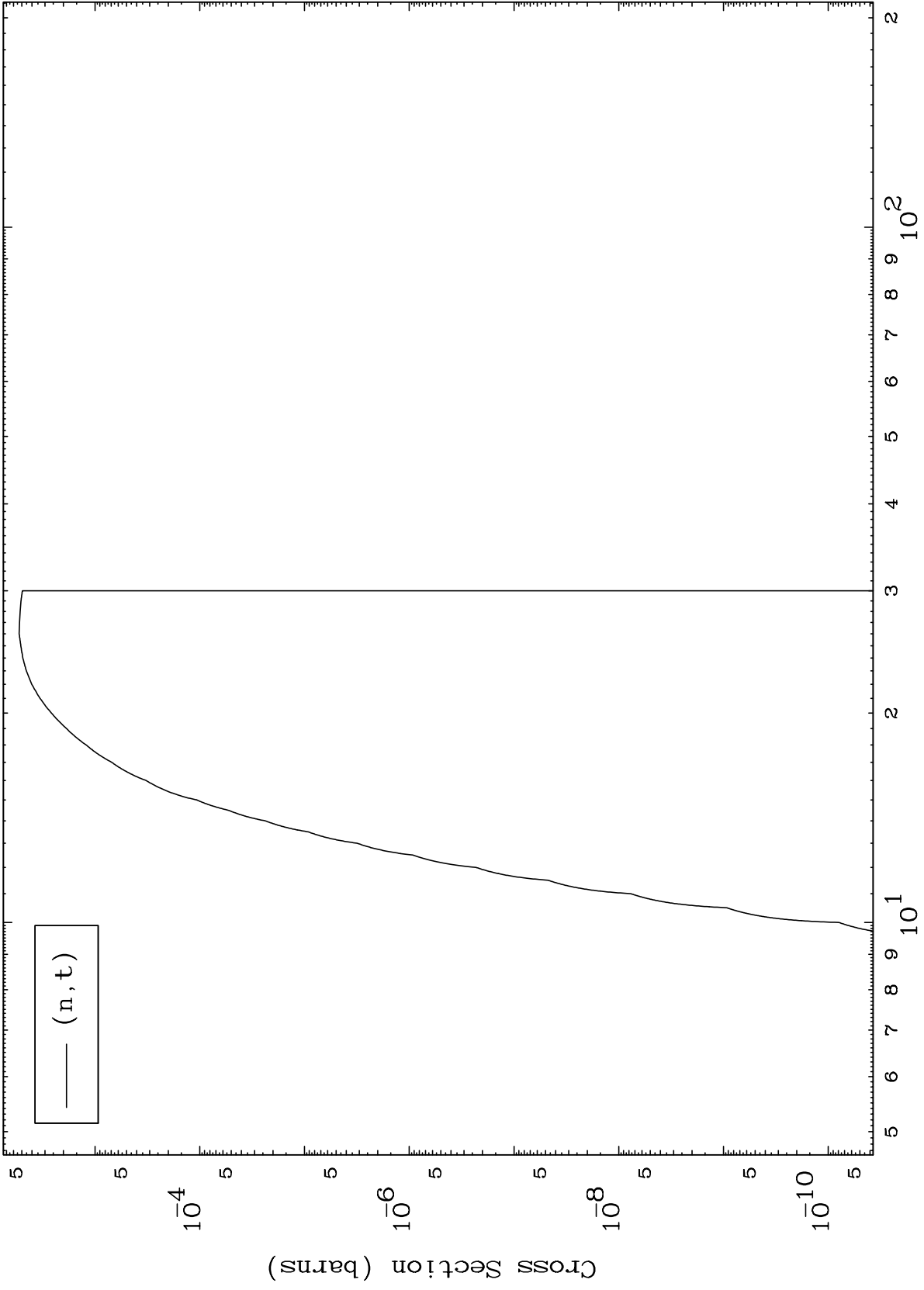
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-181



12

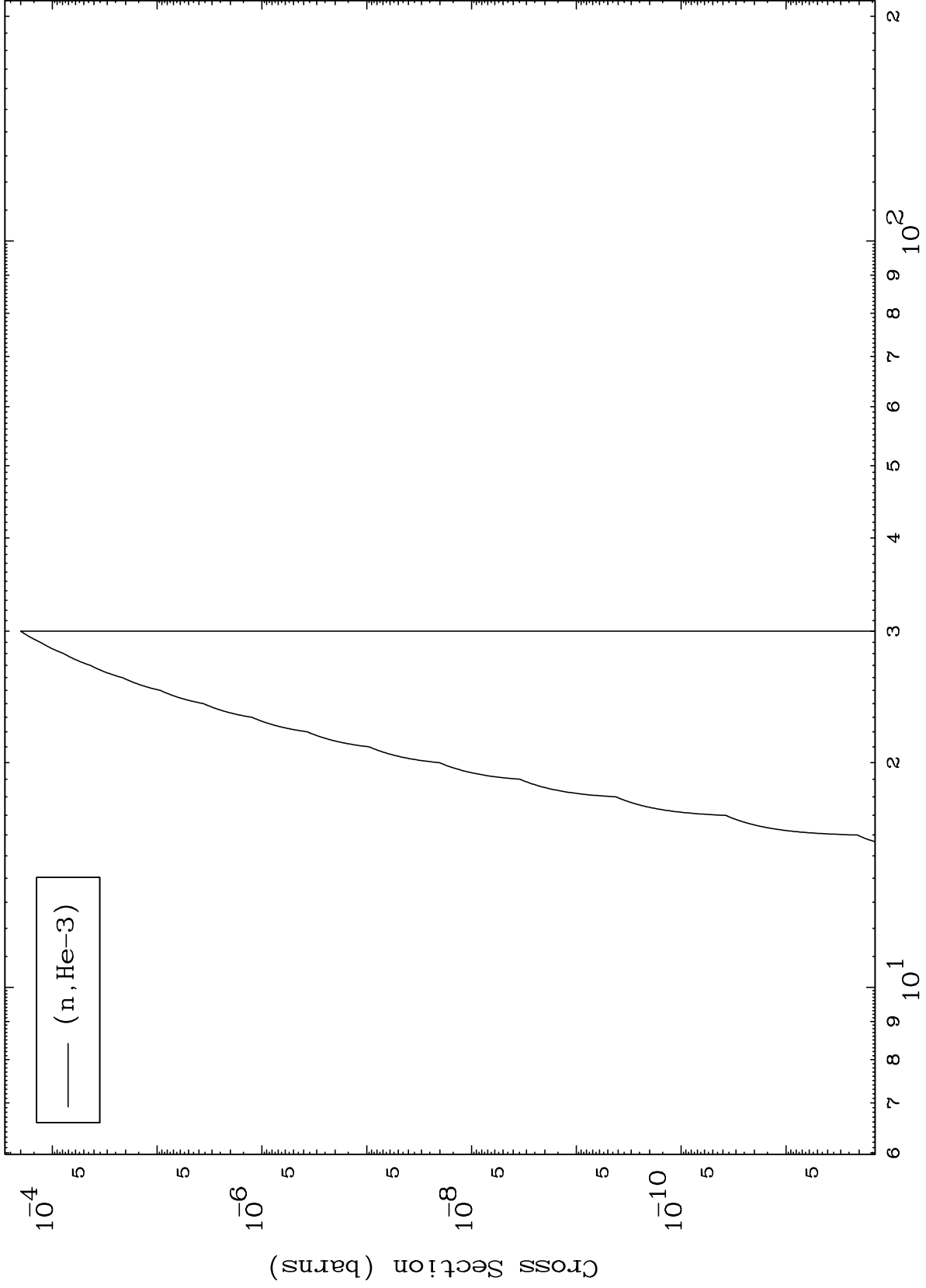
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,He3) Levels  
293 Kelvin Cross Sections

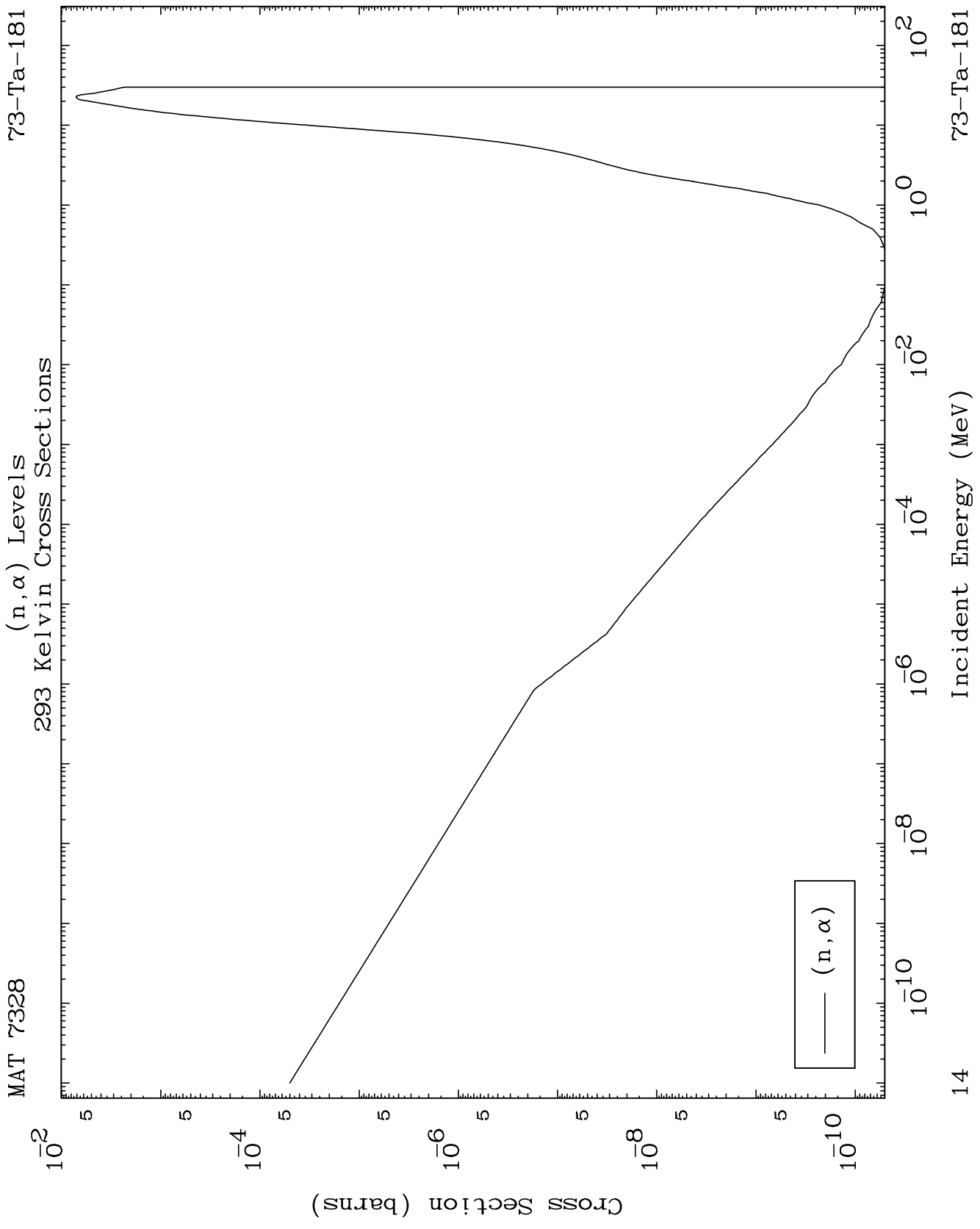
73-Ta-181

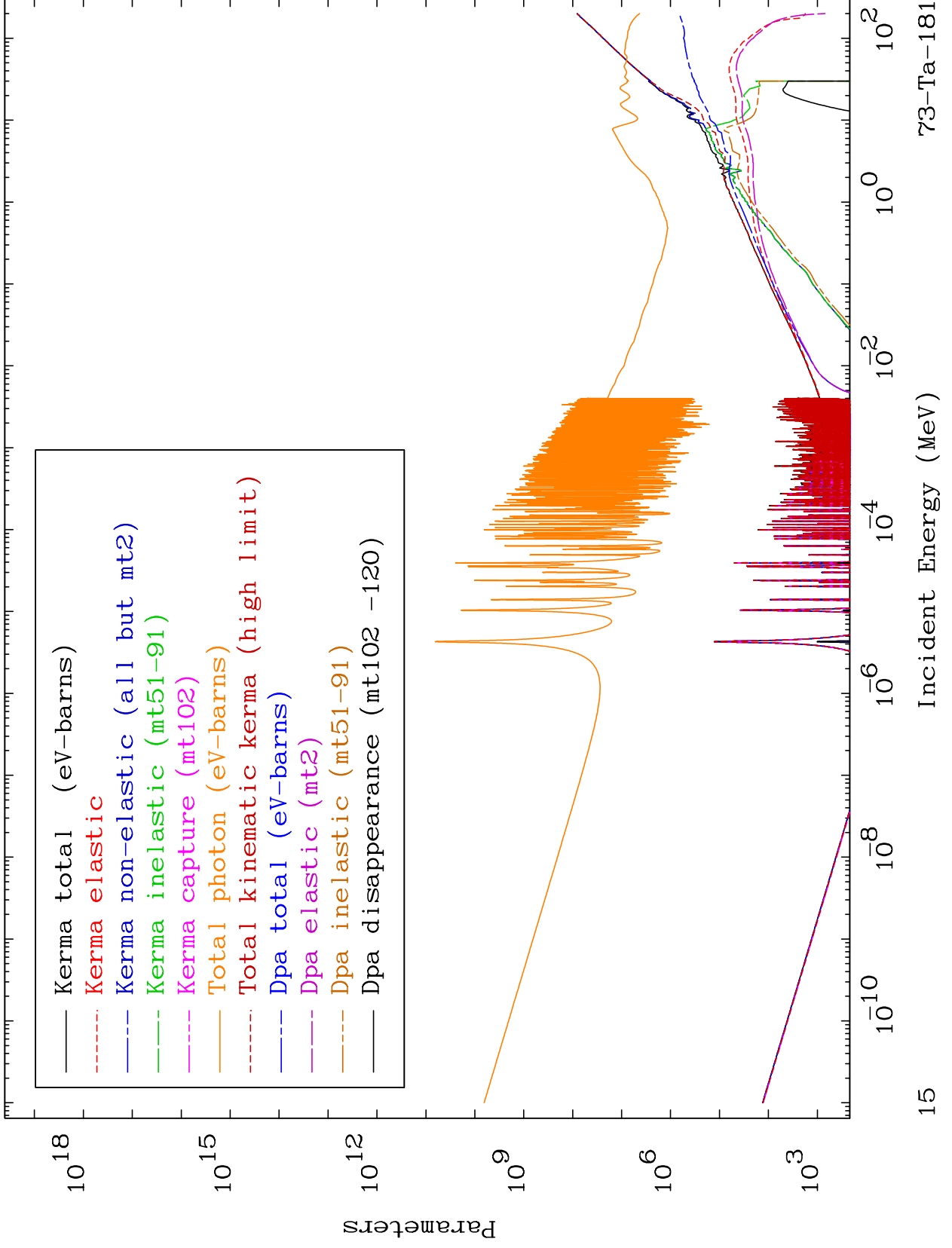


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Incident Energy (MeV)

73-Ta-181



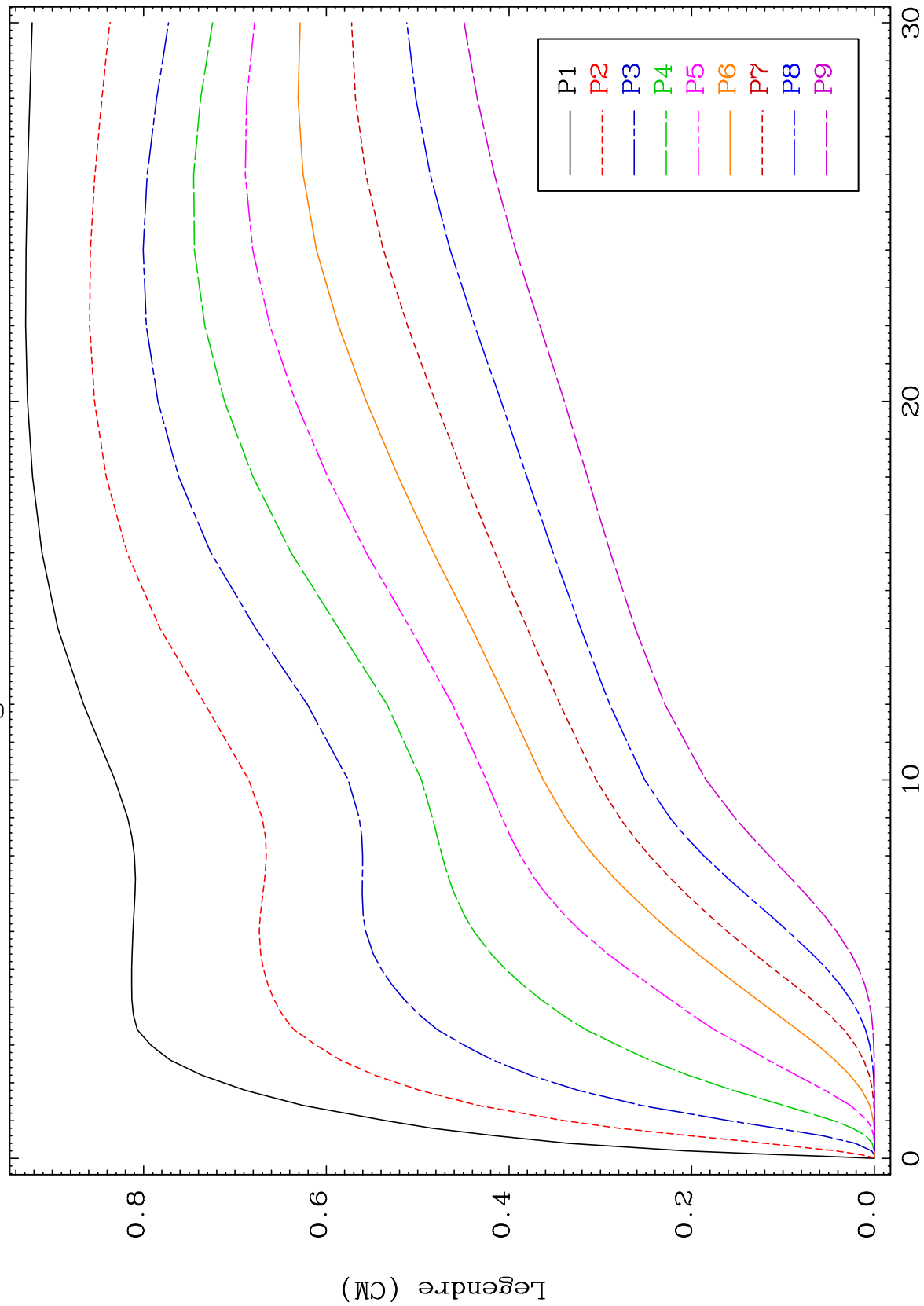




MAT 7328

Elastic Legendre Coefficients

<sup>73</sup>Ta-181



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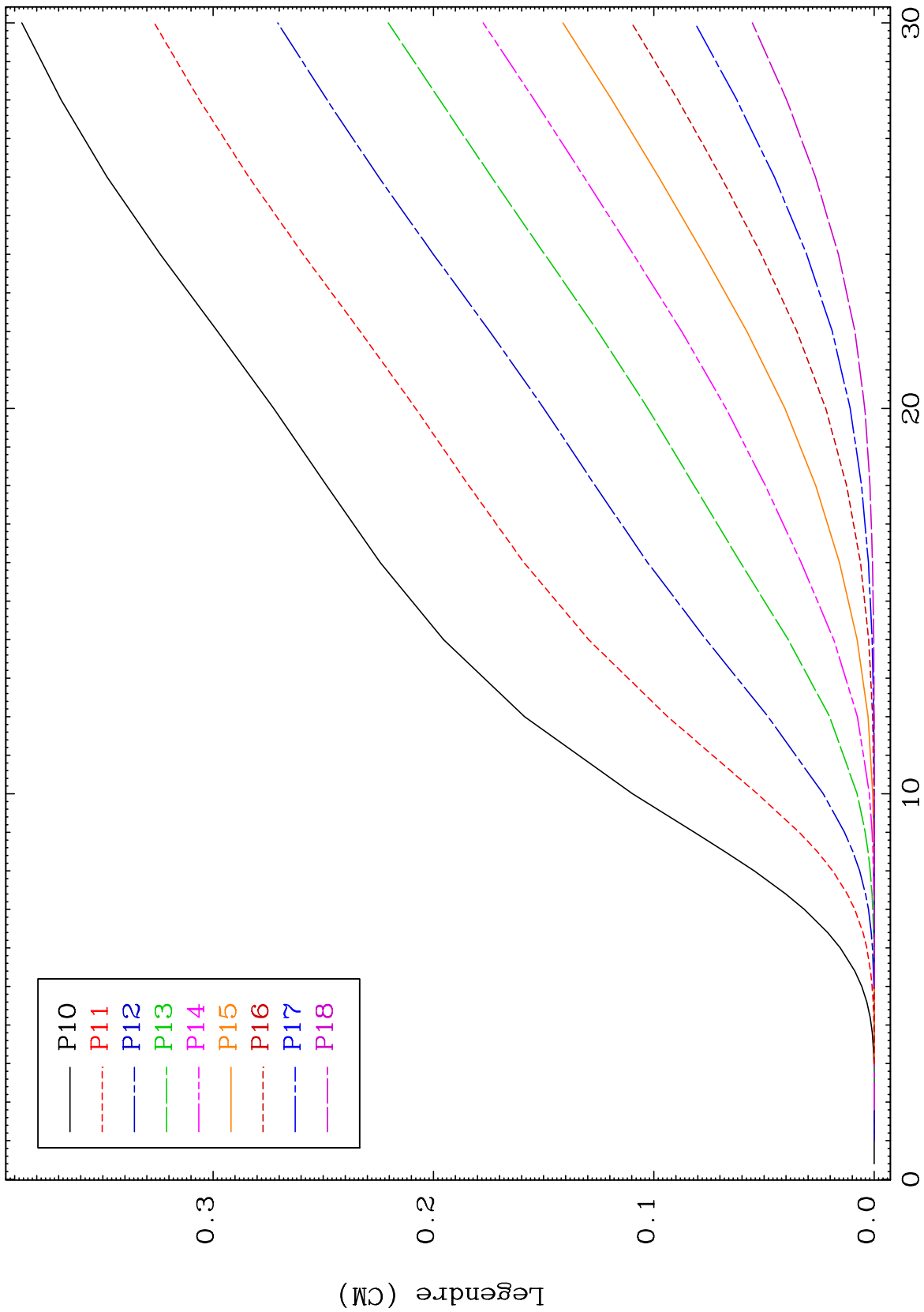
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

Elastic Legendre Coefficients

<sup>73</sup>Ta-181



17

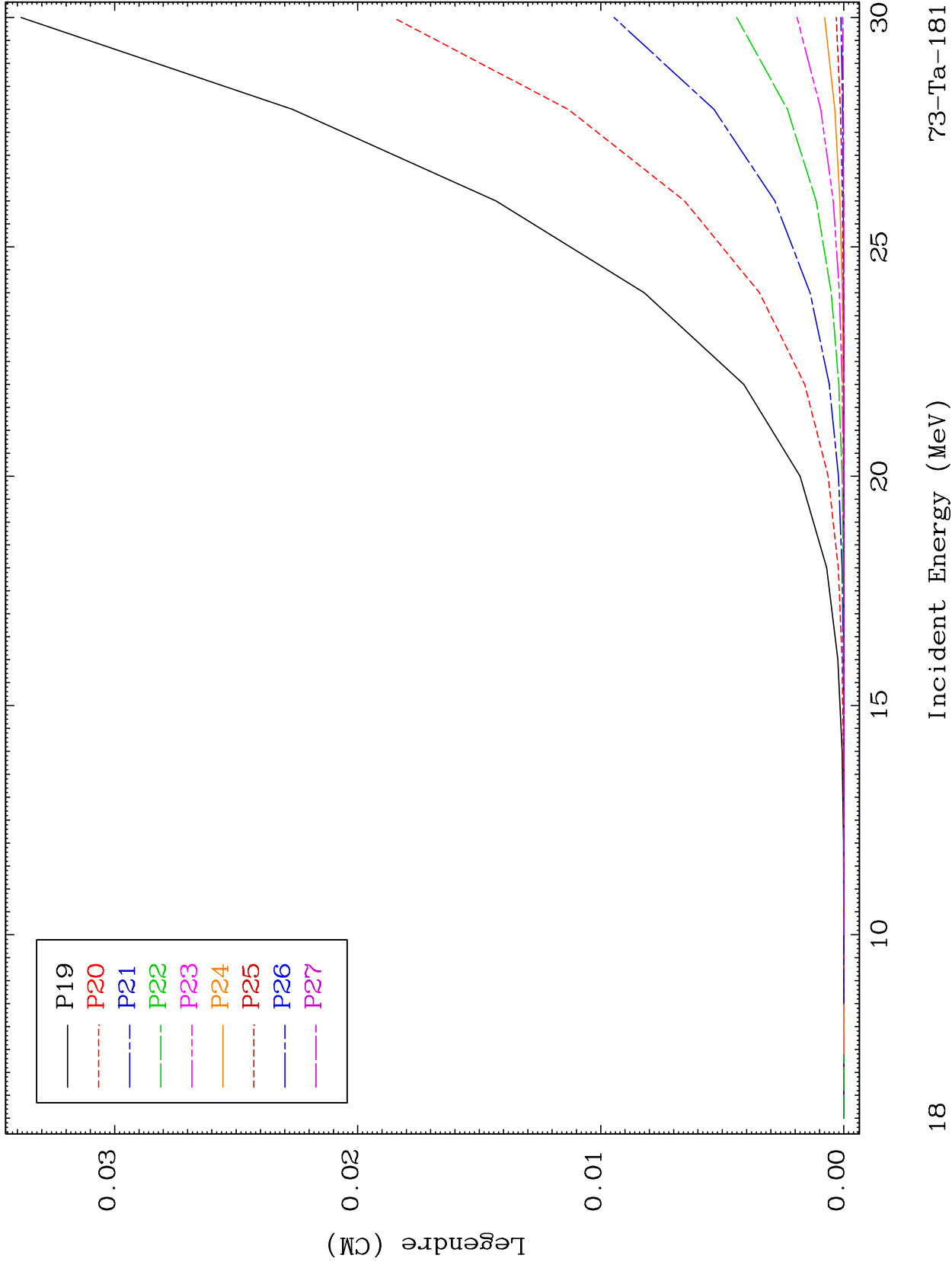
Incident Energy (MeV)

<sup>73</sup>Ta-181

MAT 7328

Elastic Legendre Coefficients

73-Ta-181



18

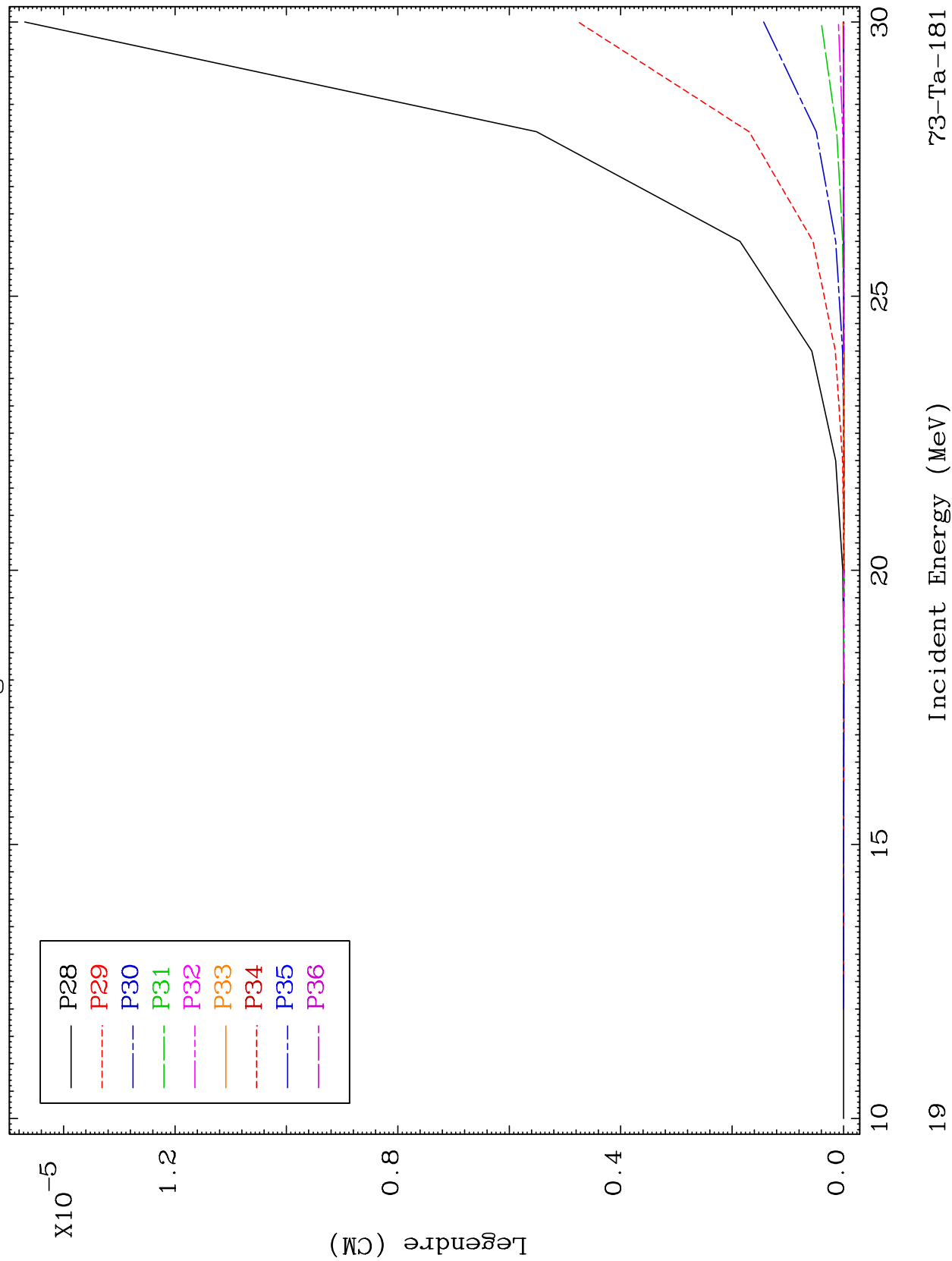
Incident Energy (MeV)

73-Ta-181

MAT 7328

Elastic Legendre Coefficients

<sup>73</sup>Ta-181



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Incident Energy (MeV)

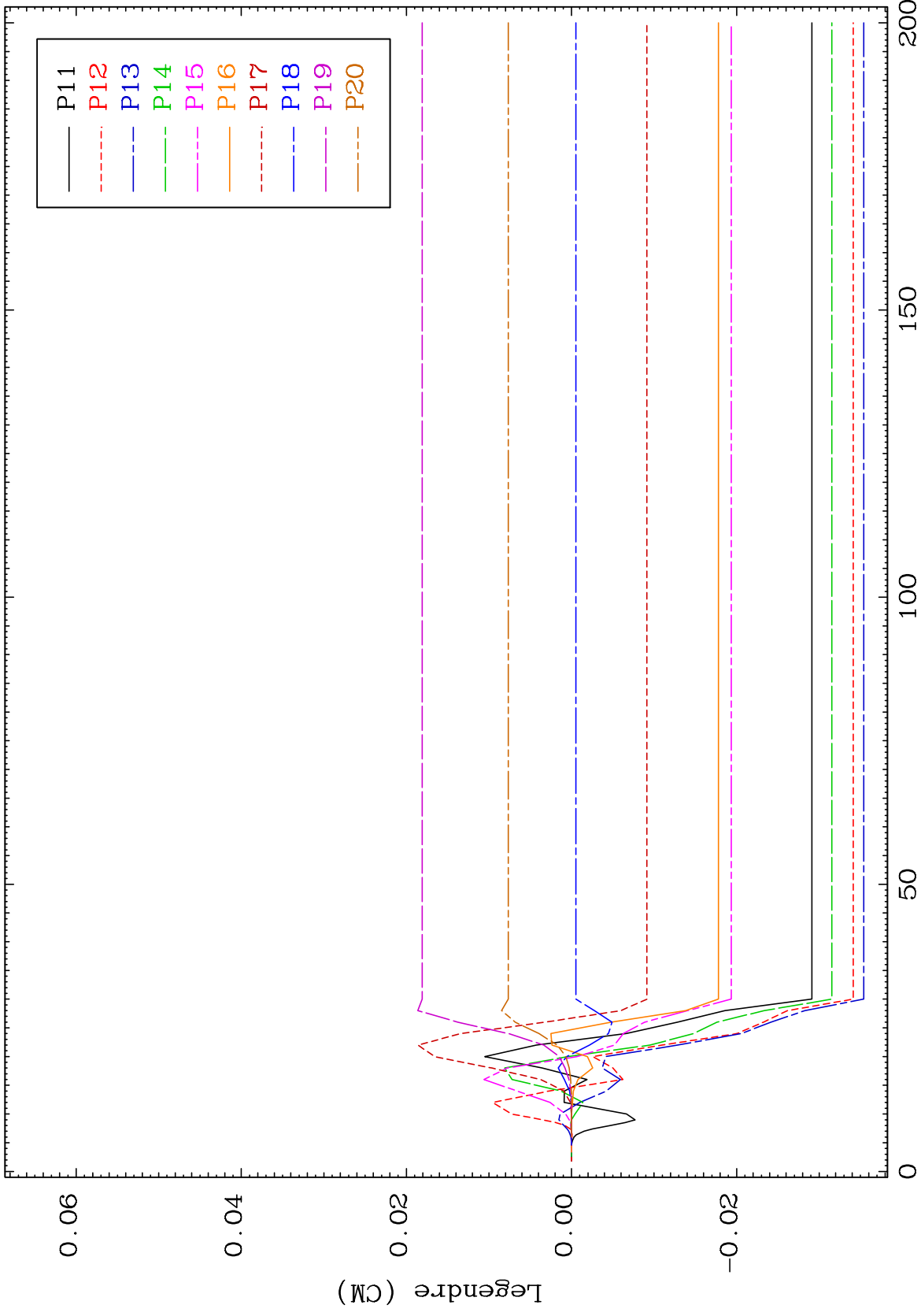
<sup>73</sup>Ta-181



MAT 7328

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

73-Ta-181



21

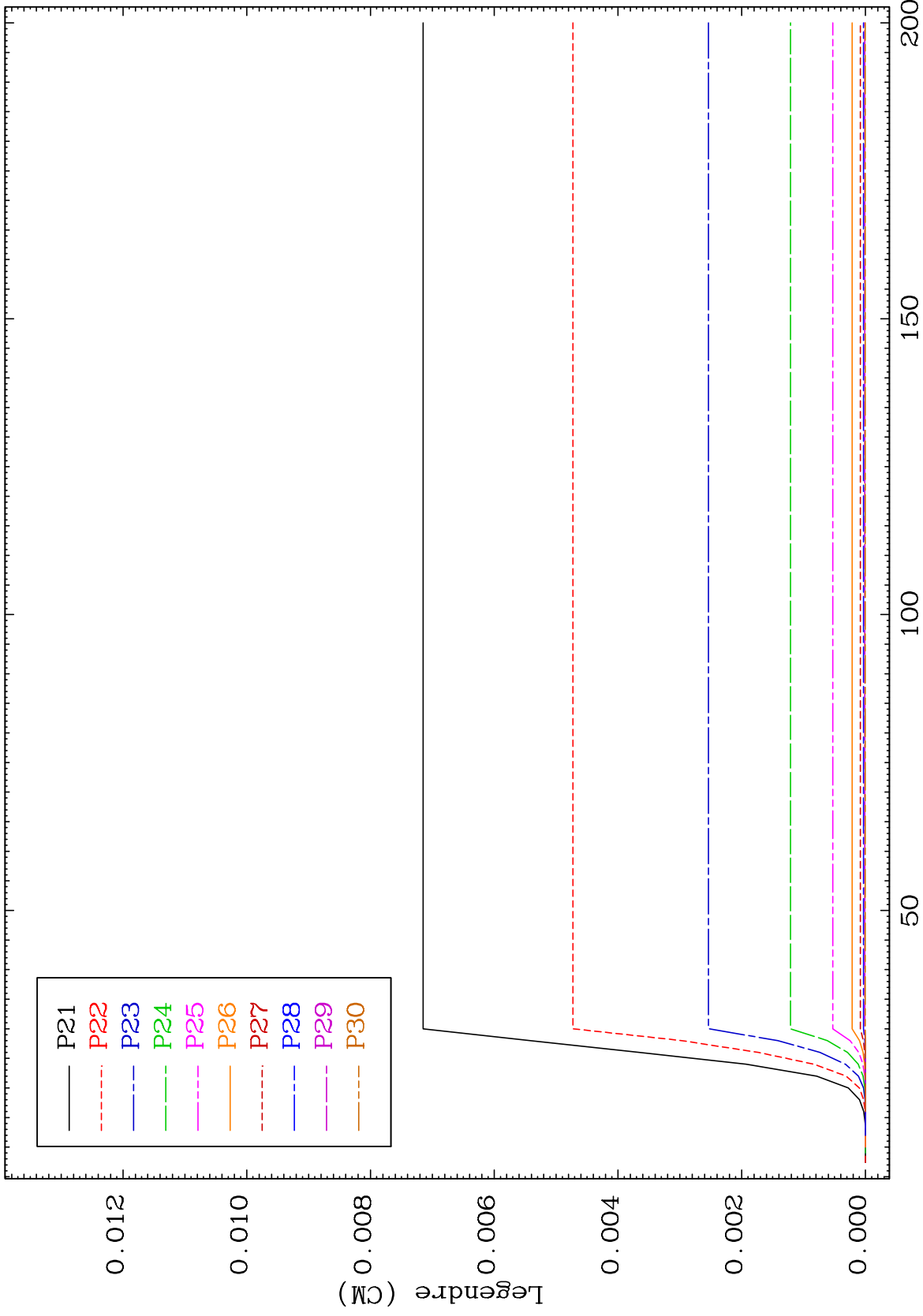
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

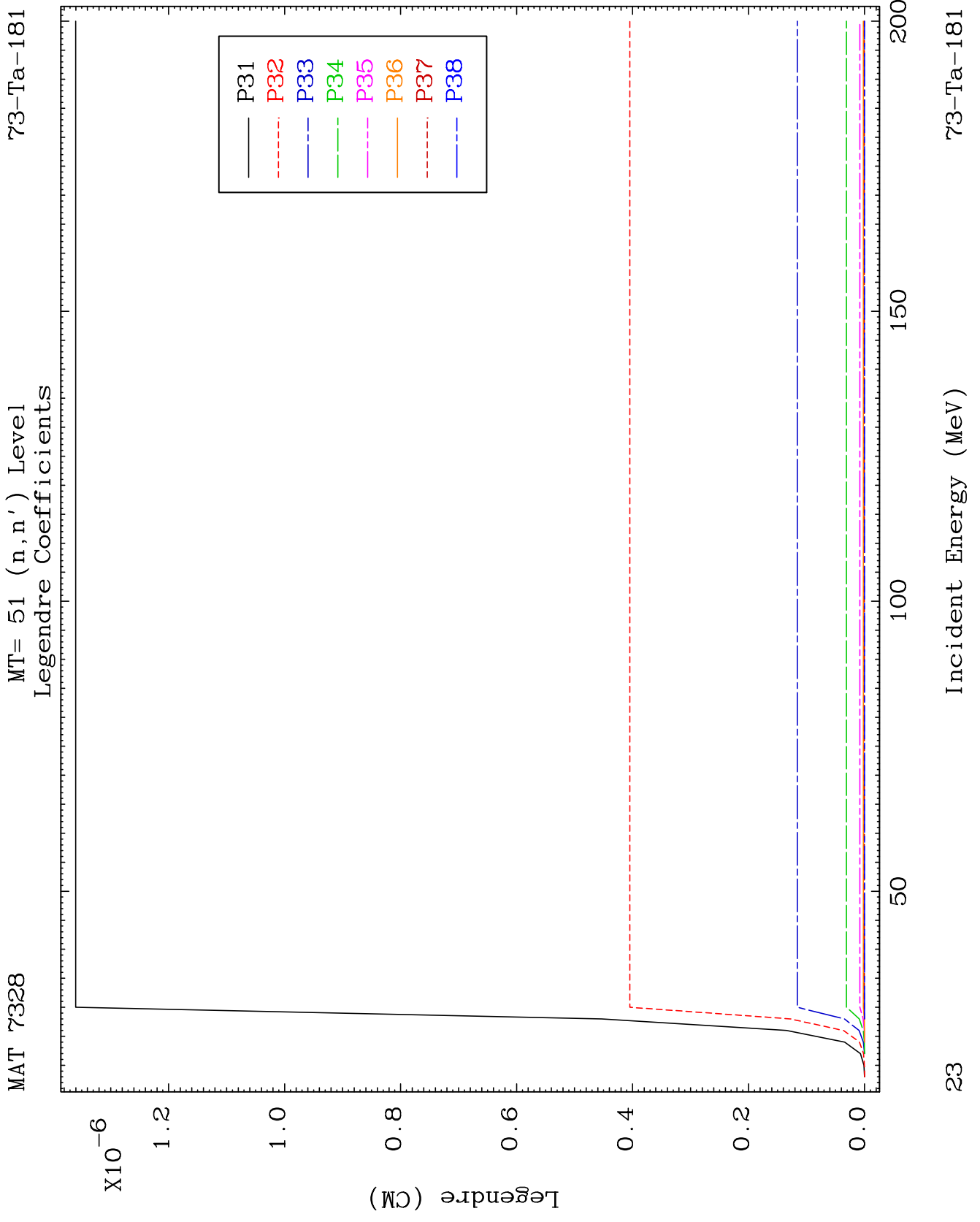
73-Ta-181



22

Incident Energy (MeV)

73-Ta-181

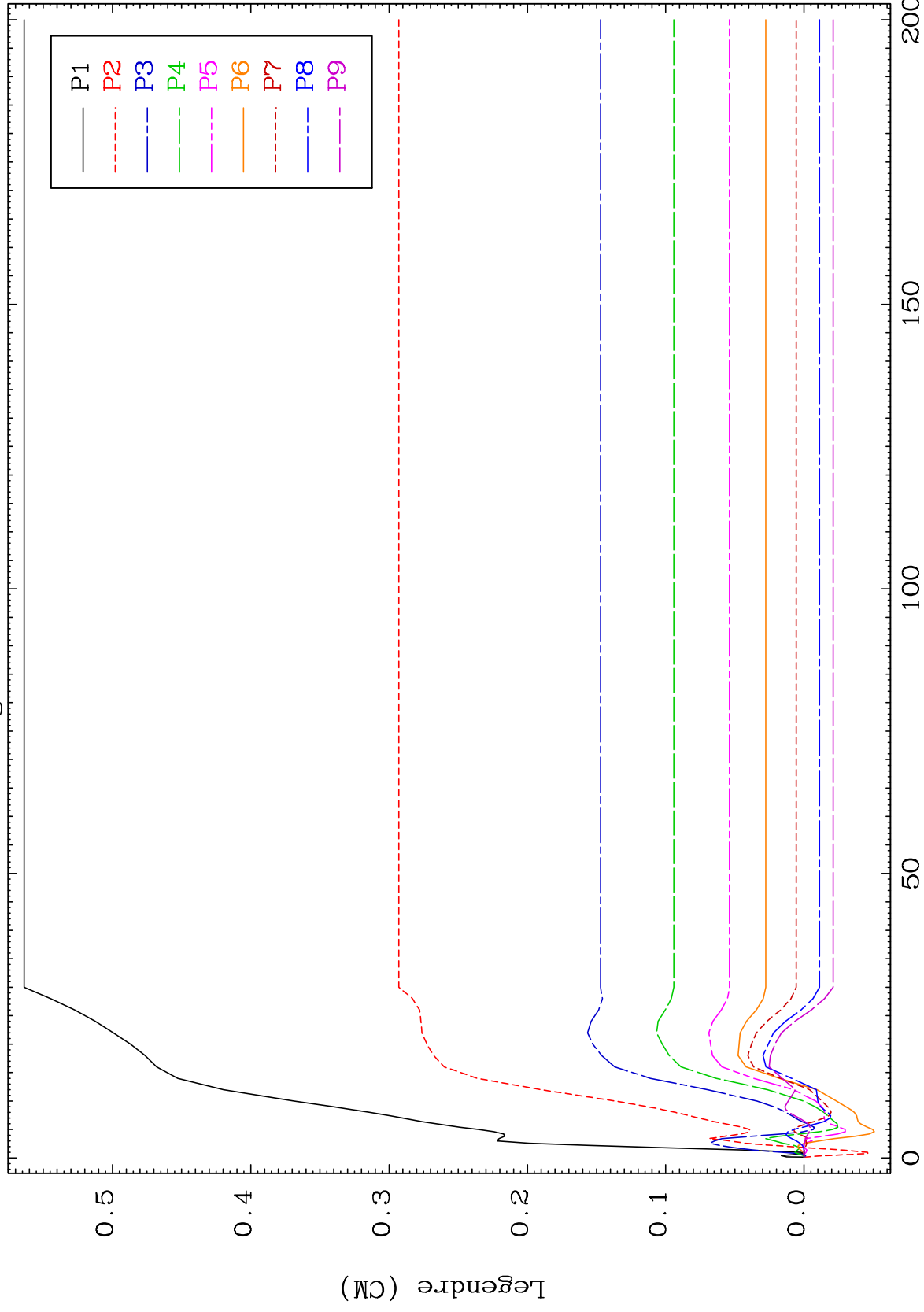




MAT 7328

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

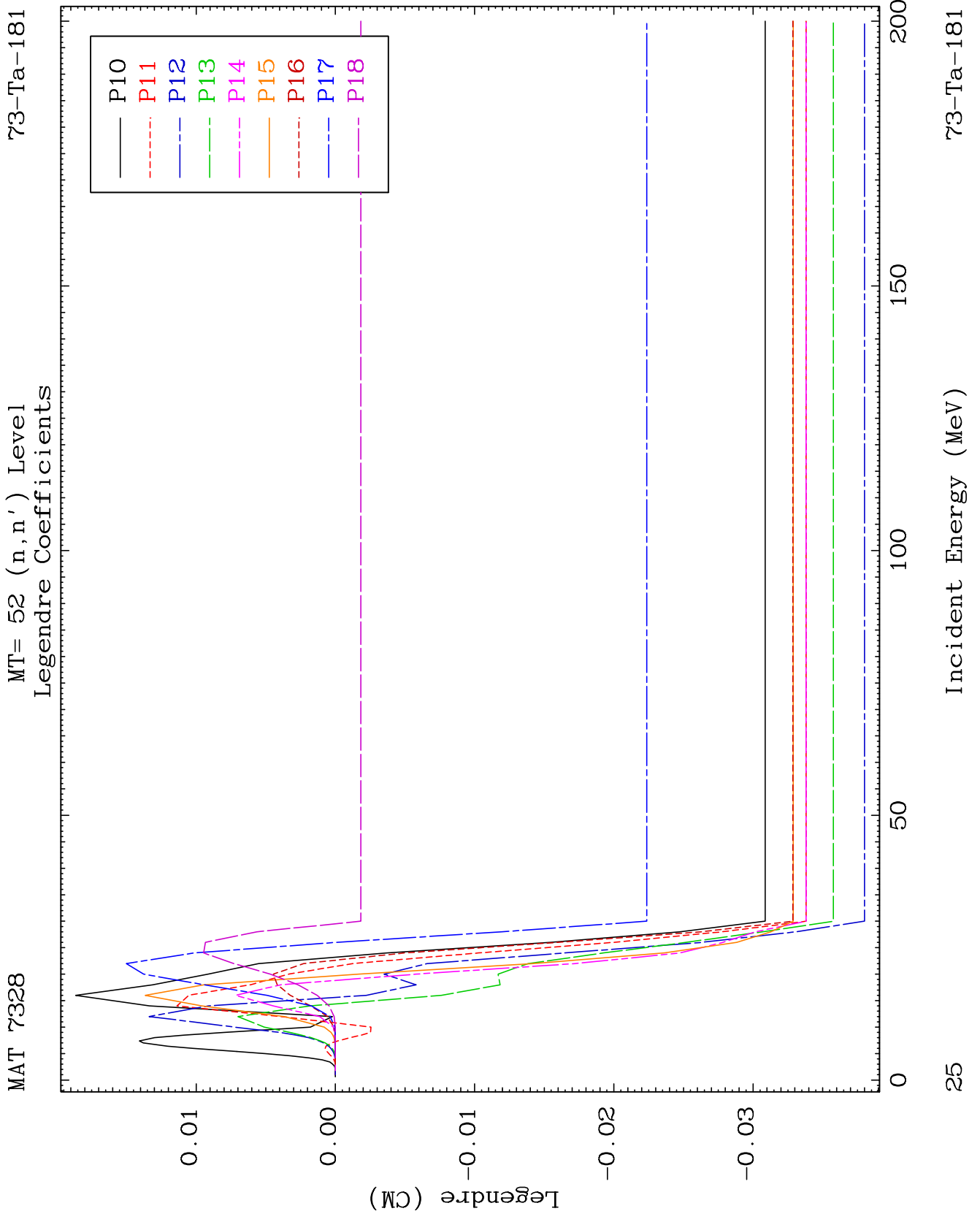
73-Ta-181



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Incident Energy (MeV)

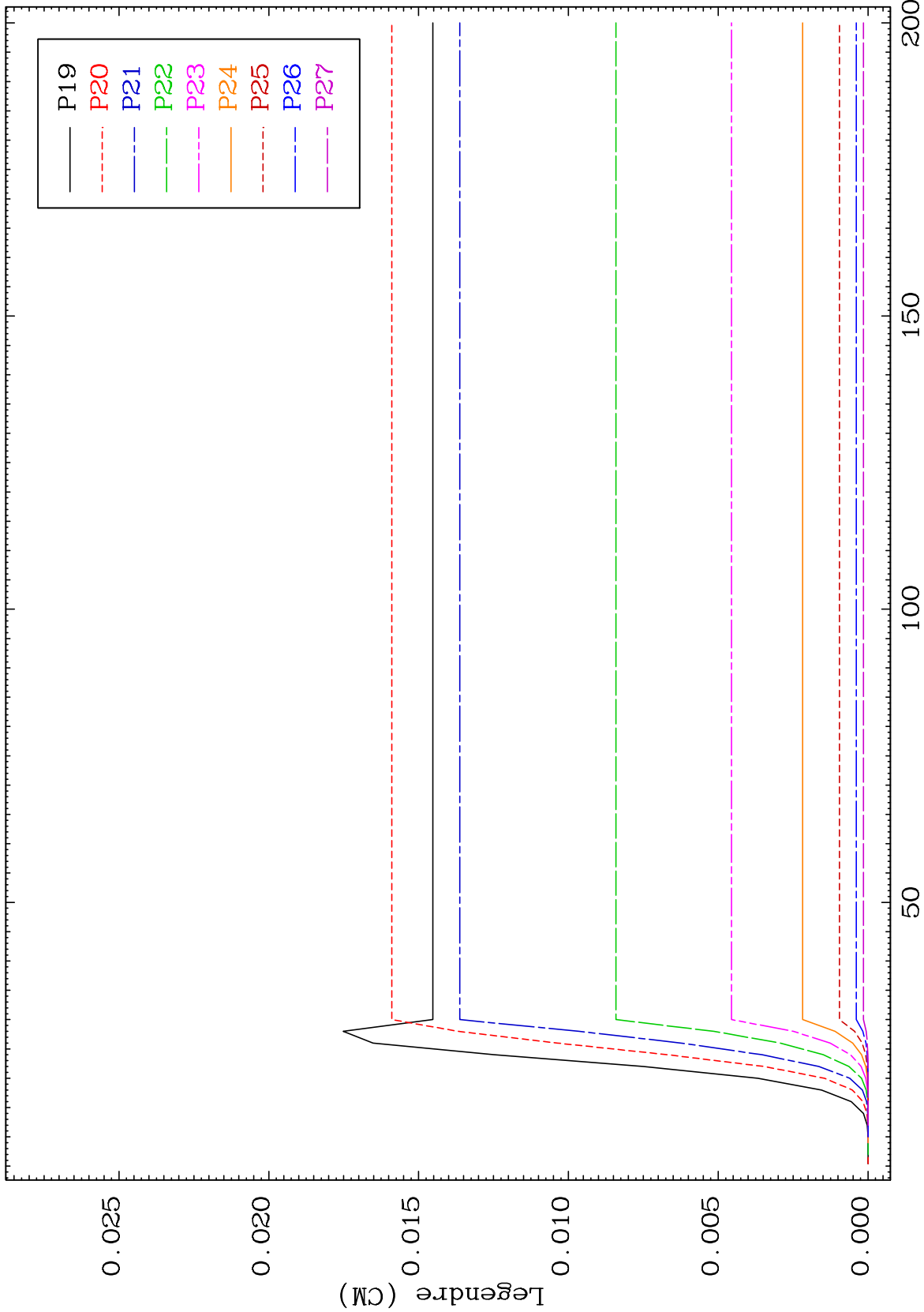
73-Ta-181



MAT 7328

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

73-Ta-181



26

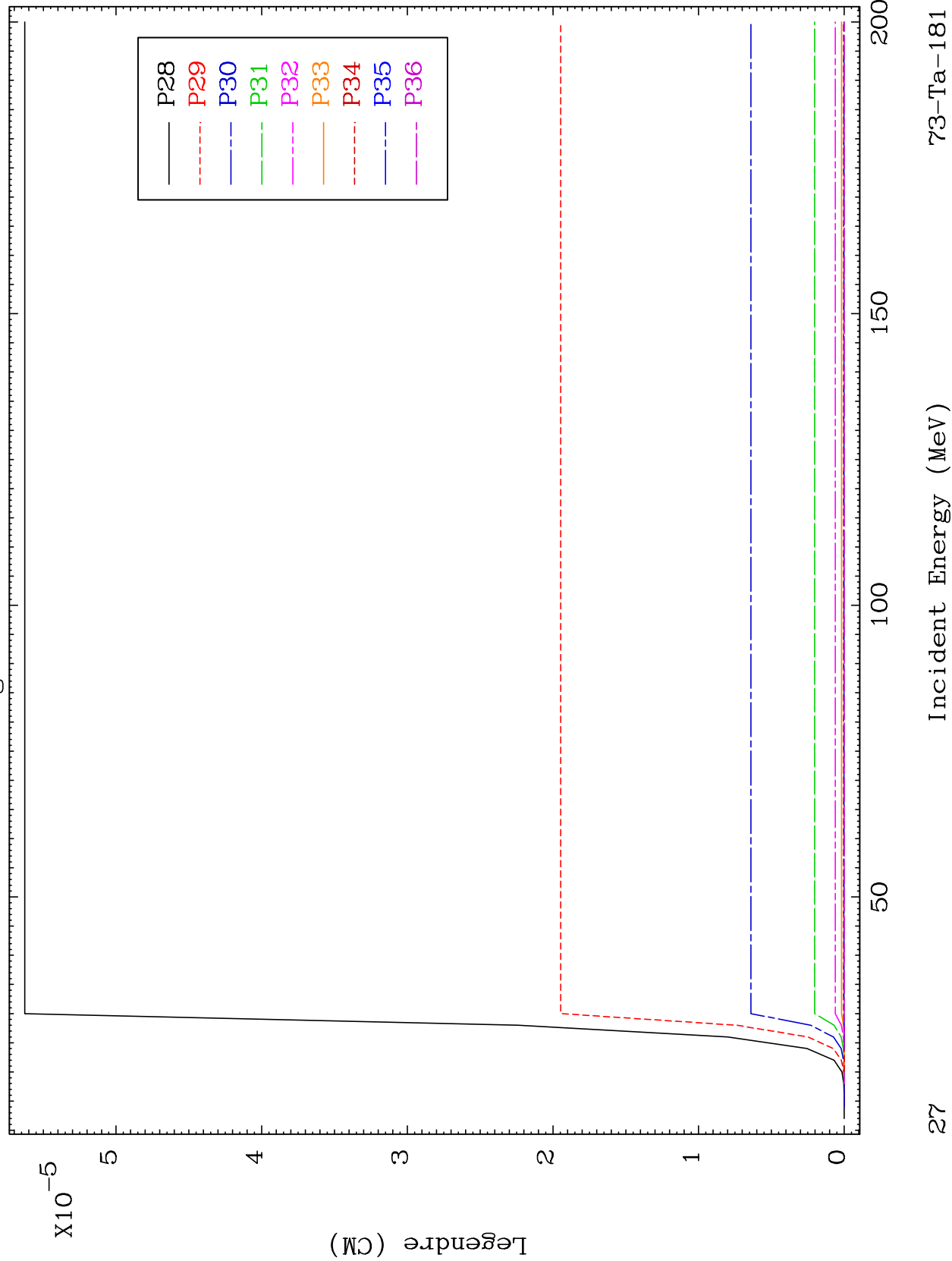
Incident Energy (MeV)

73-Ta-181

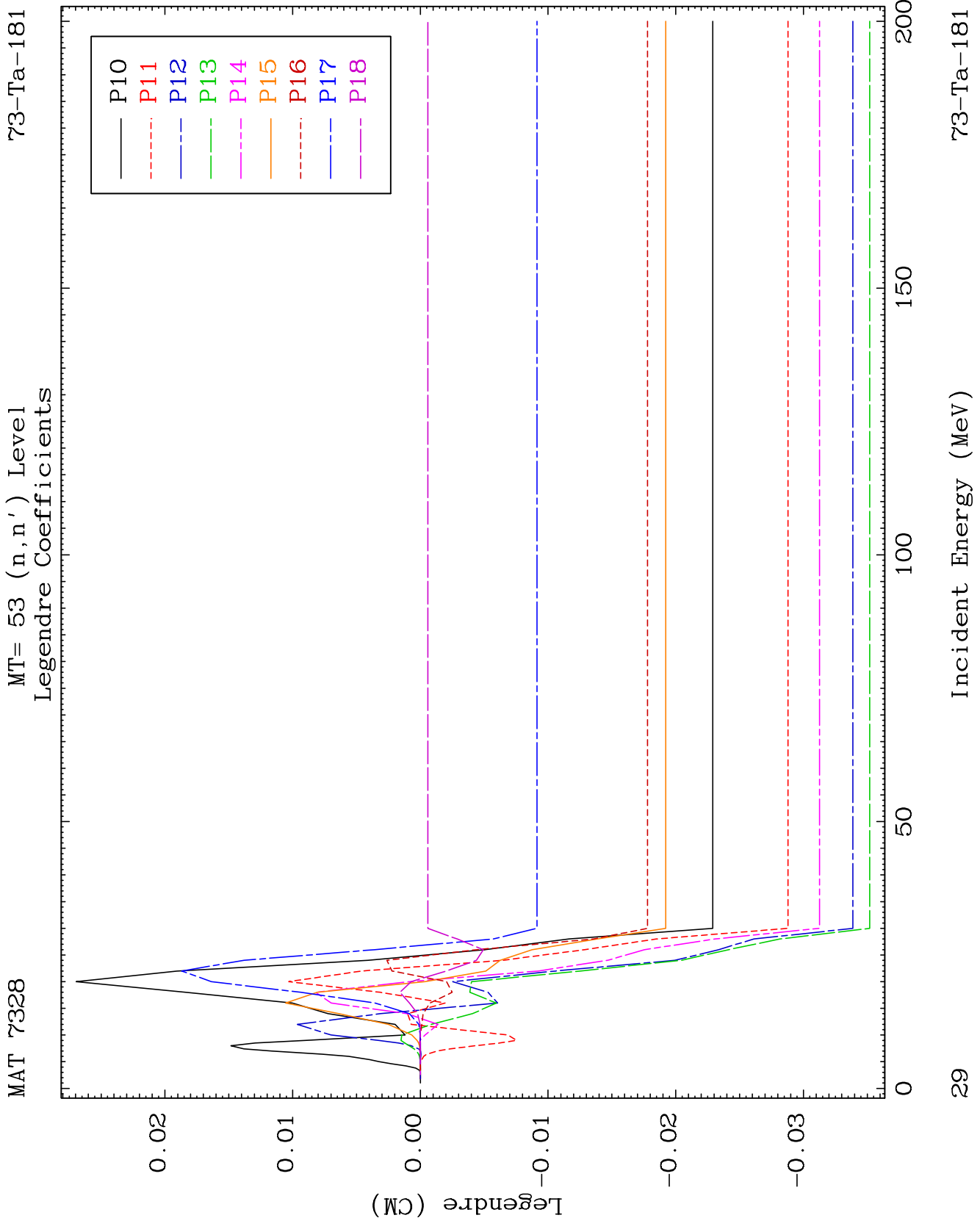
MAT 7328

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

73-Ta-181



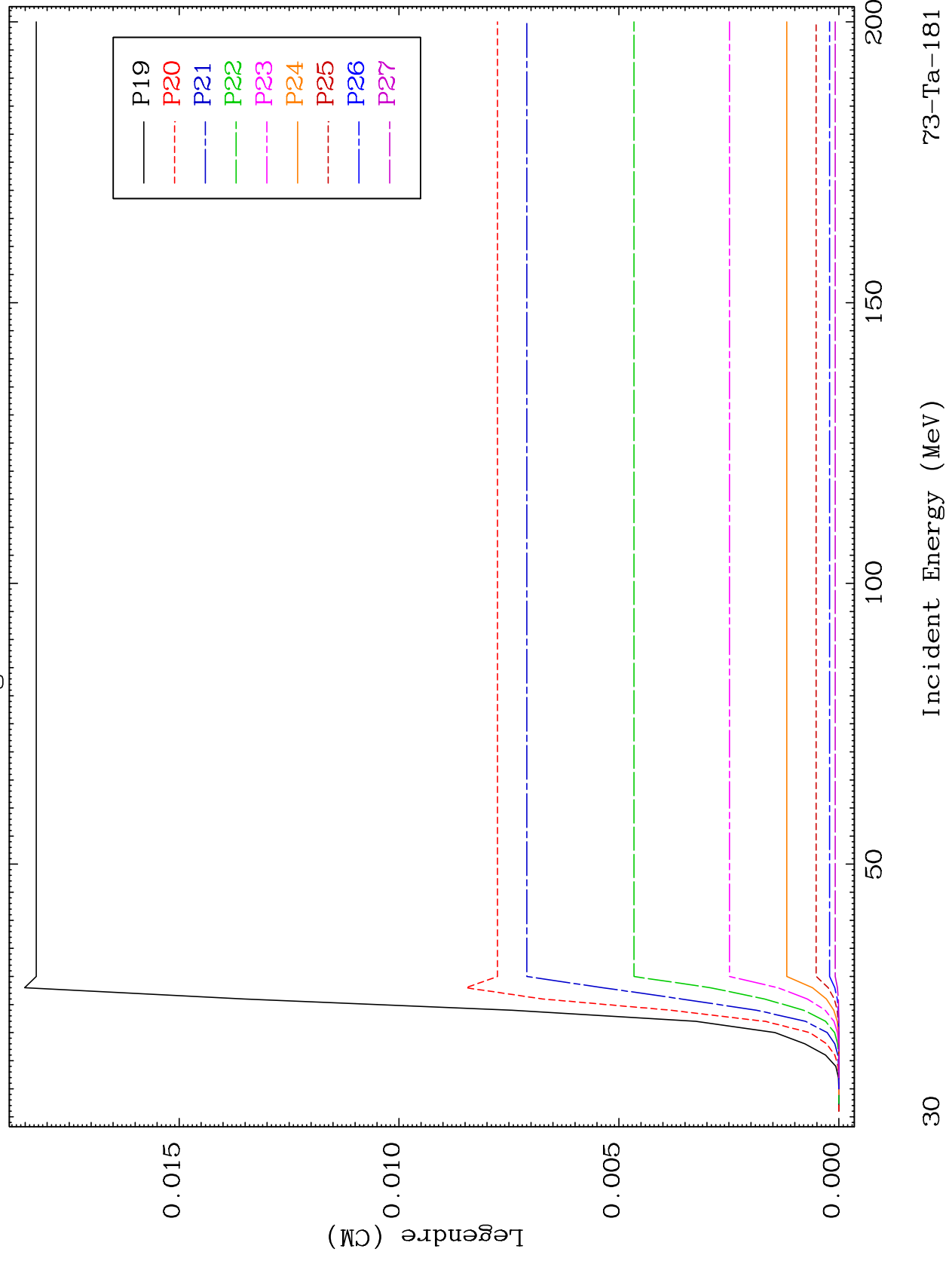




MAT 7328

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

73-Ta-181



30

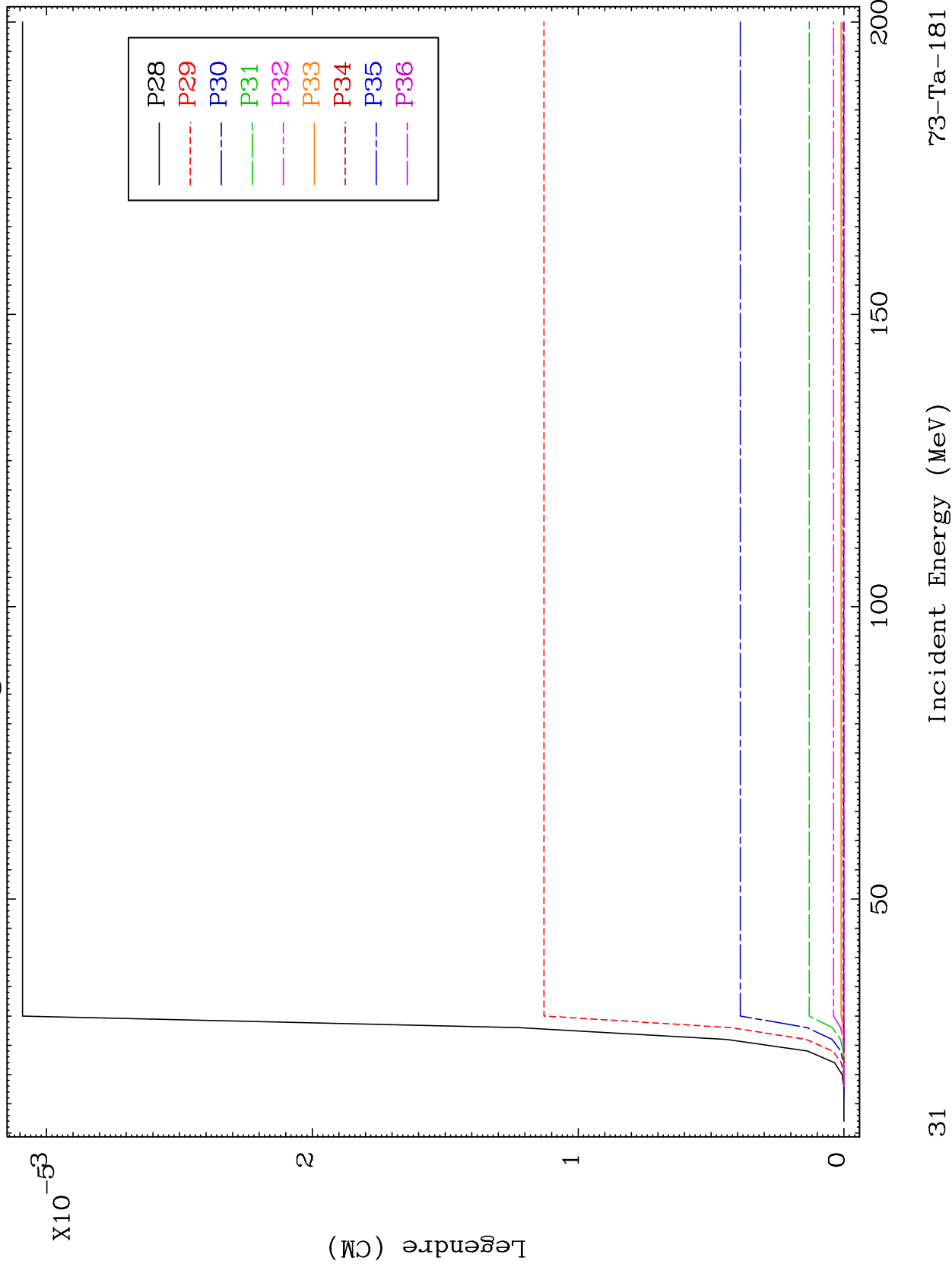
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



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Incident Energy (MeV)

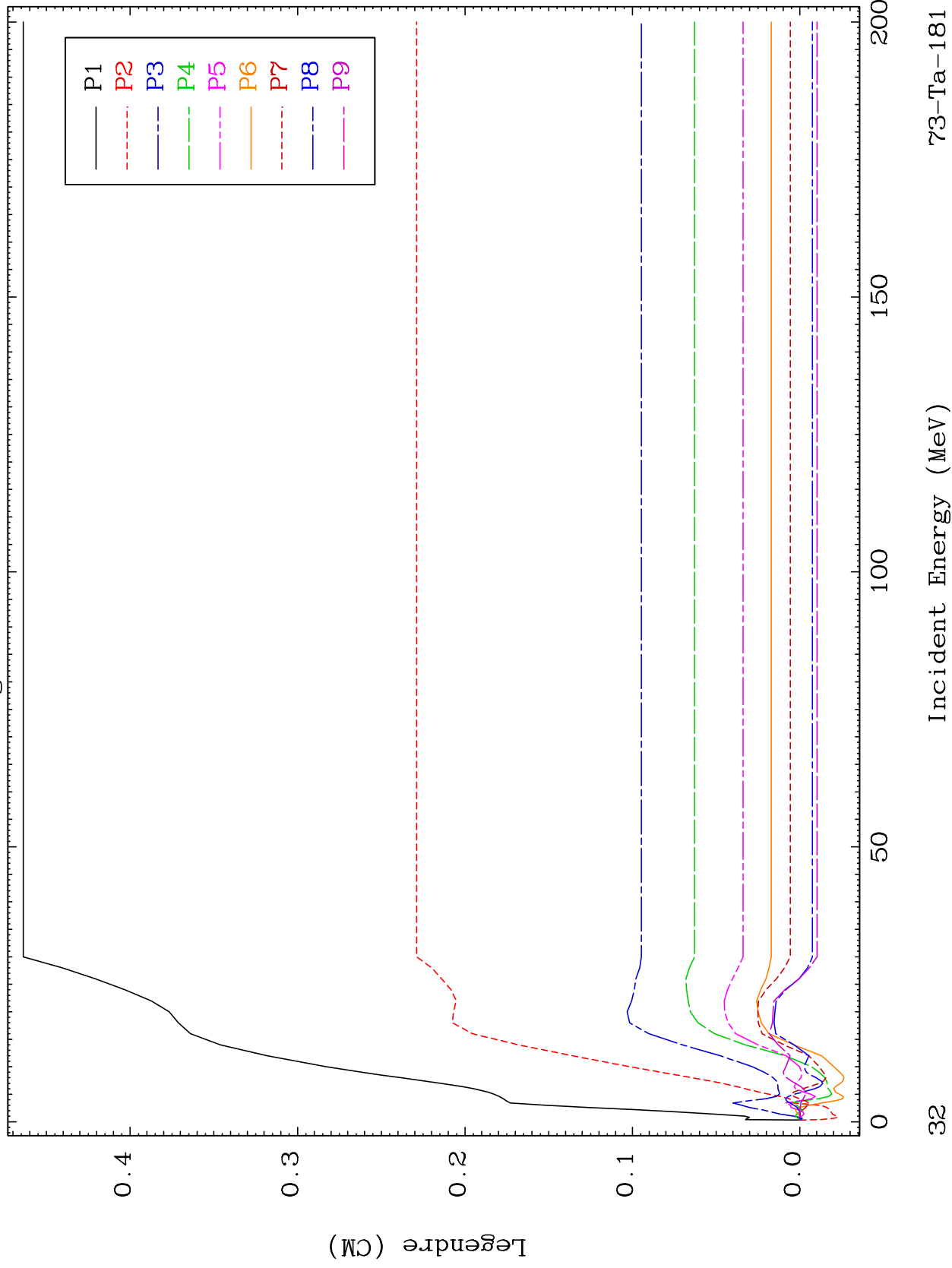
73-Ta-181



MAT 7328

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

<sup>73</sup>Ta-181



<sup>73</sup>Ta-181

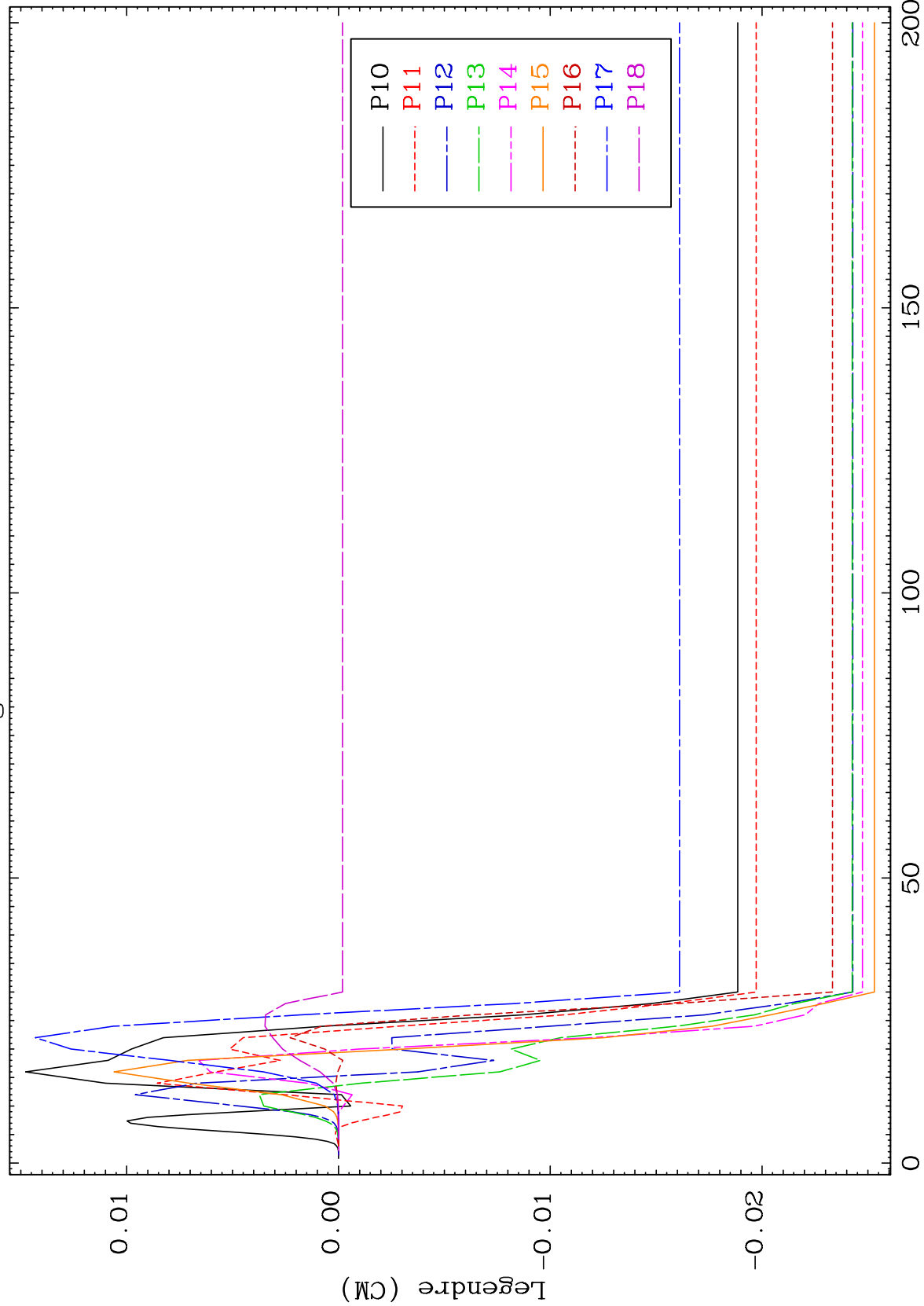
Incident Energy (MeV)

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MAT 7328

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

73-Ta-181



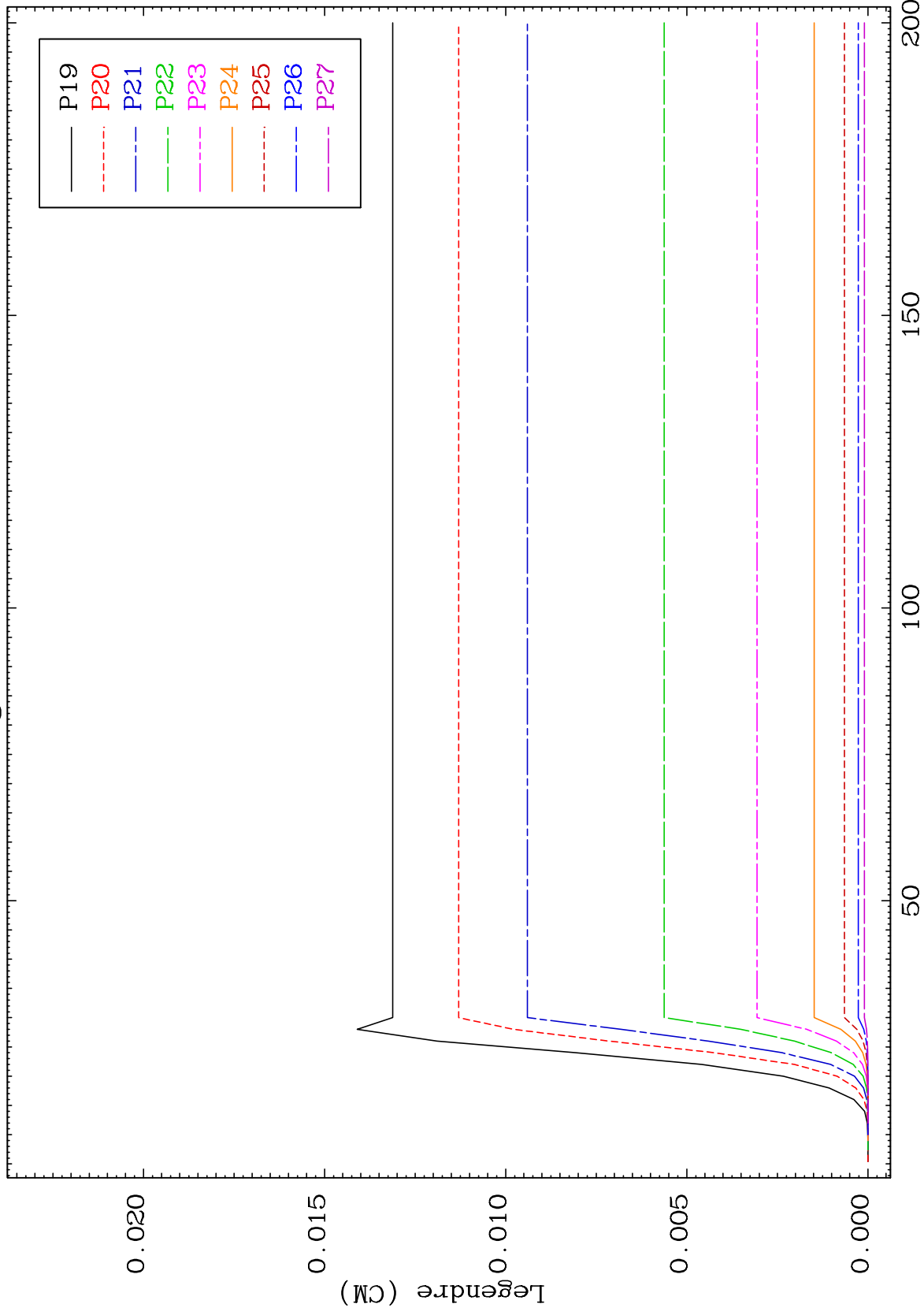
33

73-Ta-181

MAT 7328

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

73-Ta-181



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73-Ta-181

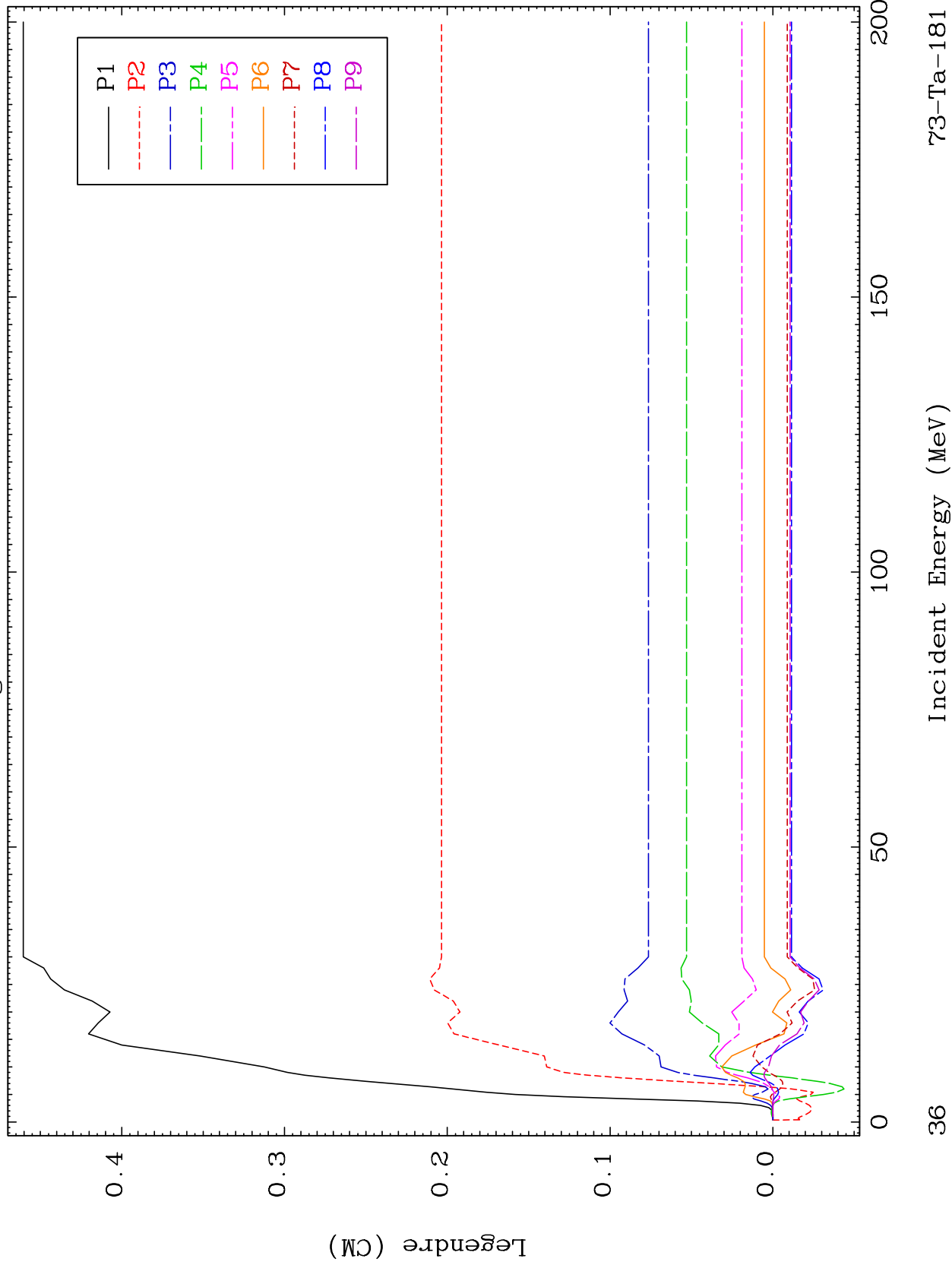
Incident Energy (MeV)



MAT 7328

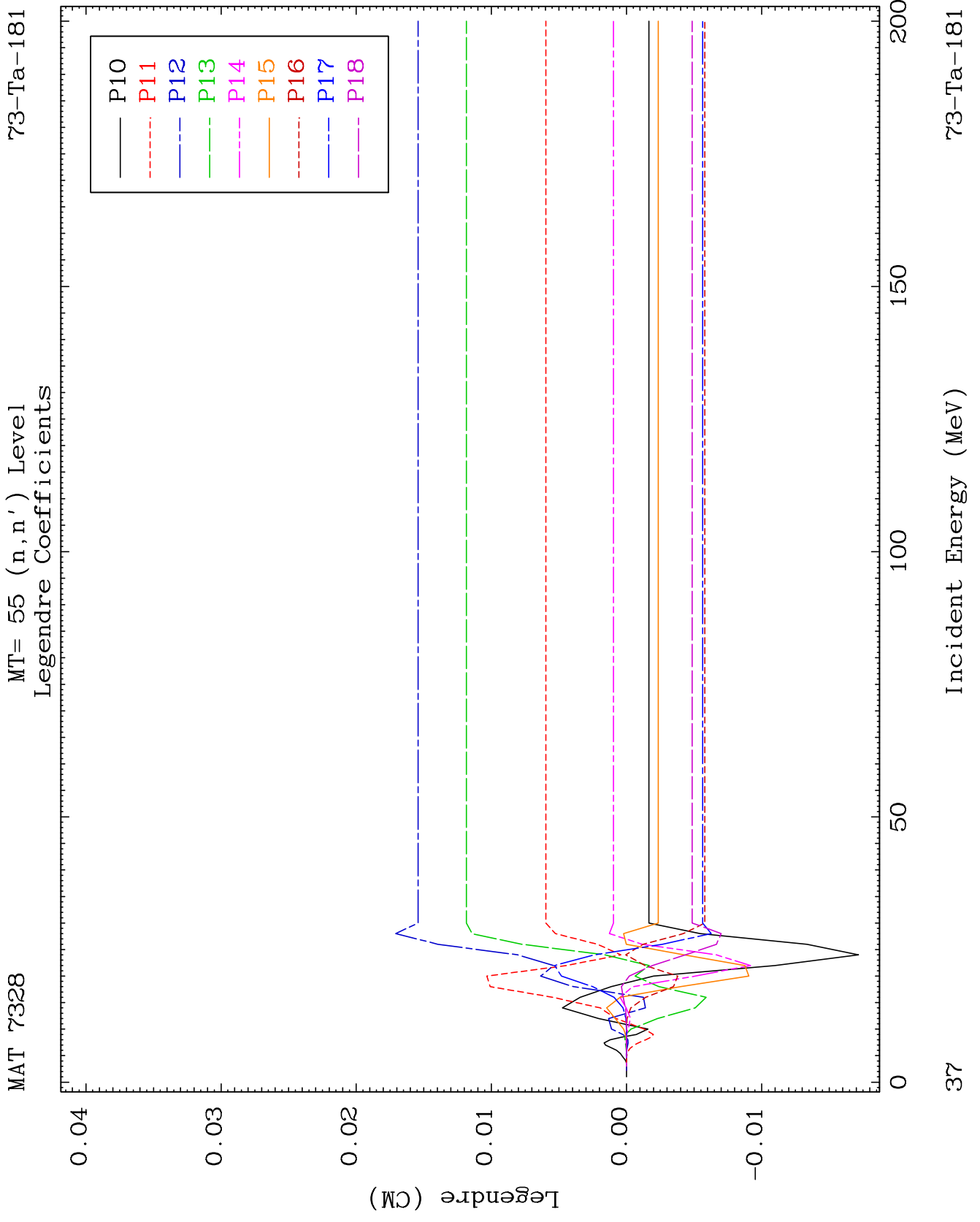
MT= 55 (n,n') Level  
Legendre Coefficients

73-Ta-181



36

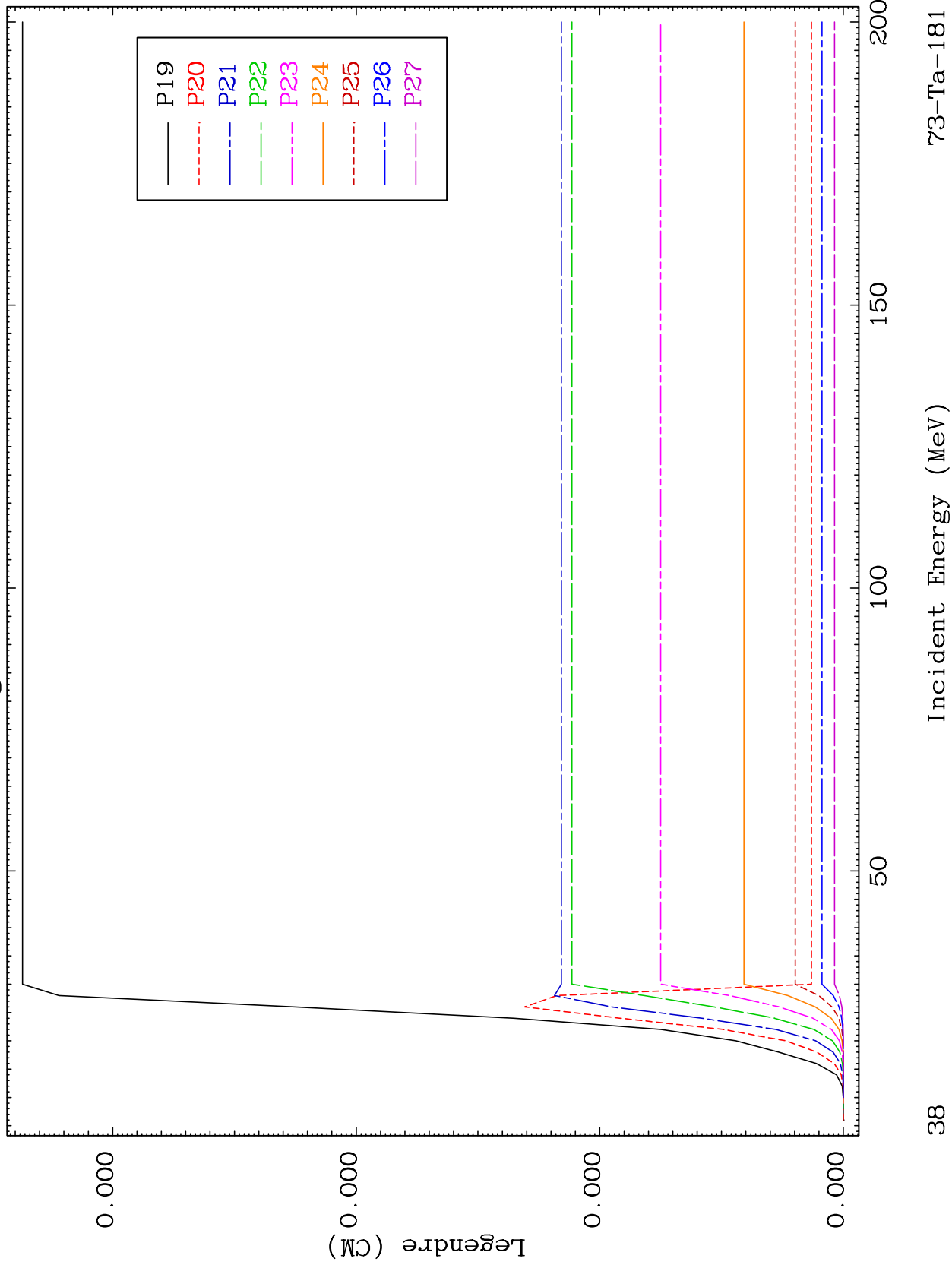
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MAT 7328

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

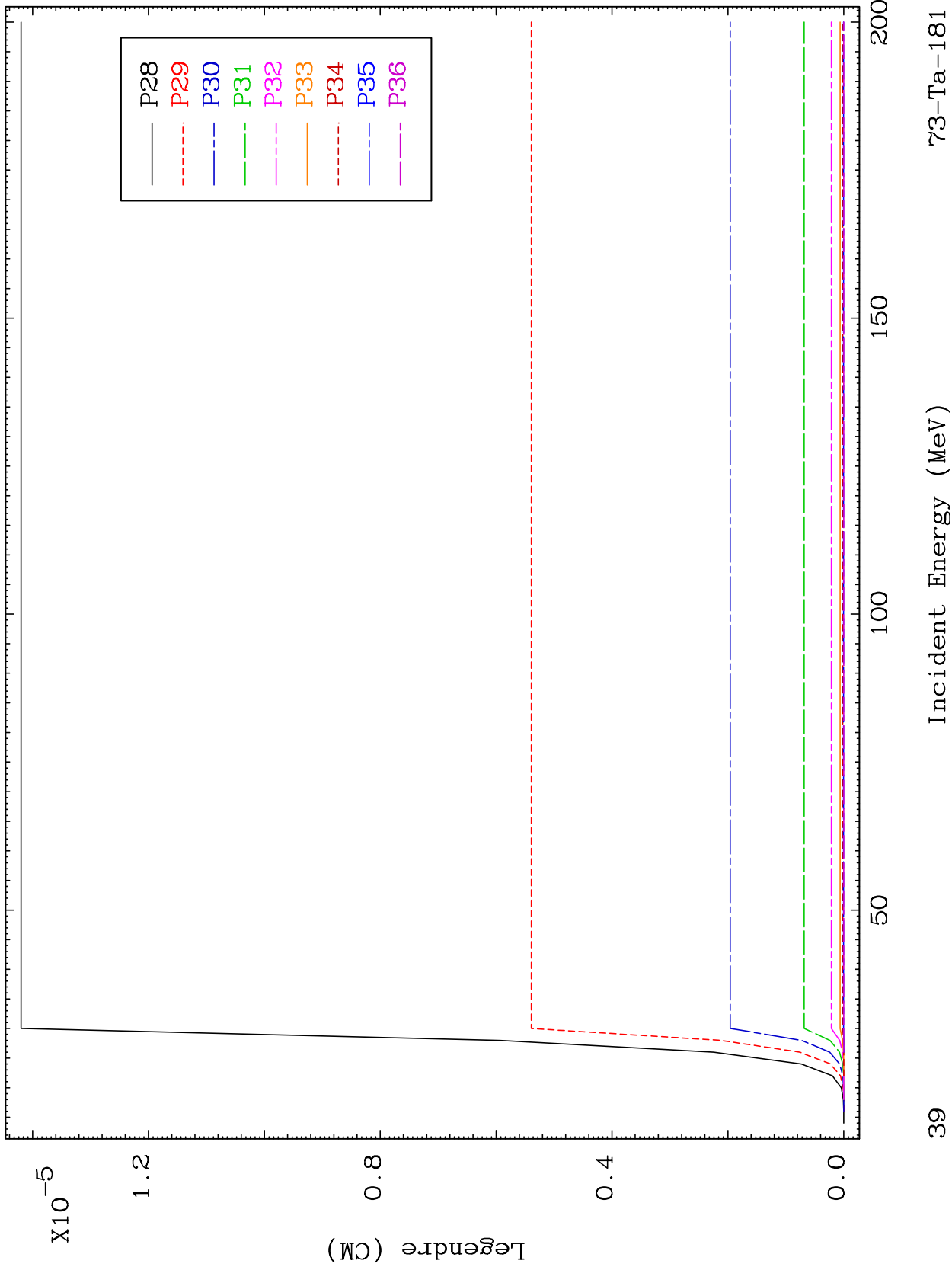
73-Ta-181



MAT 7328

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

73-Ta-181



39

Incident Energy (MeV)

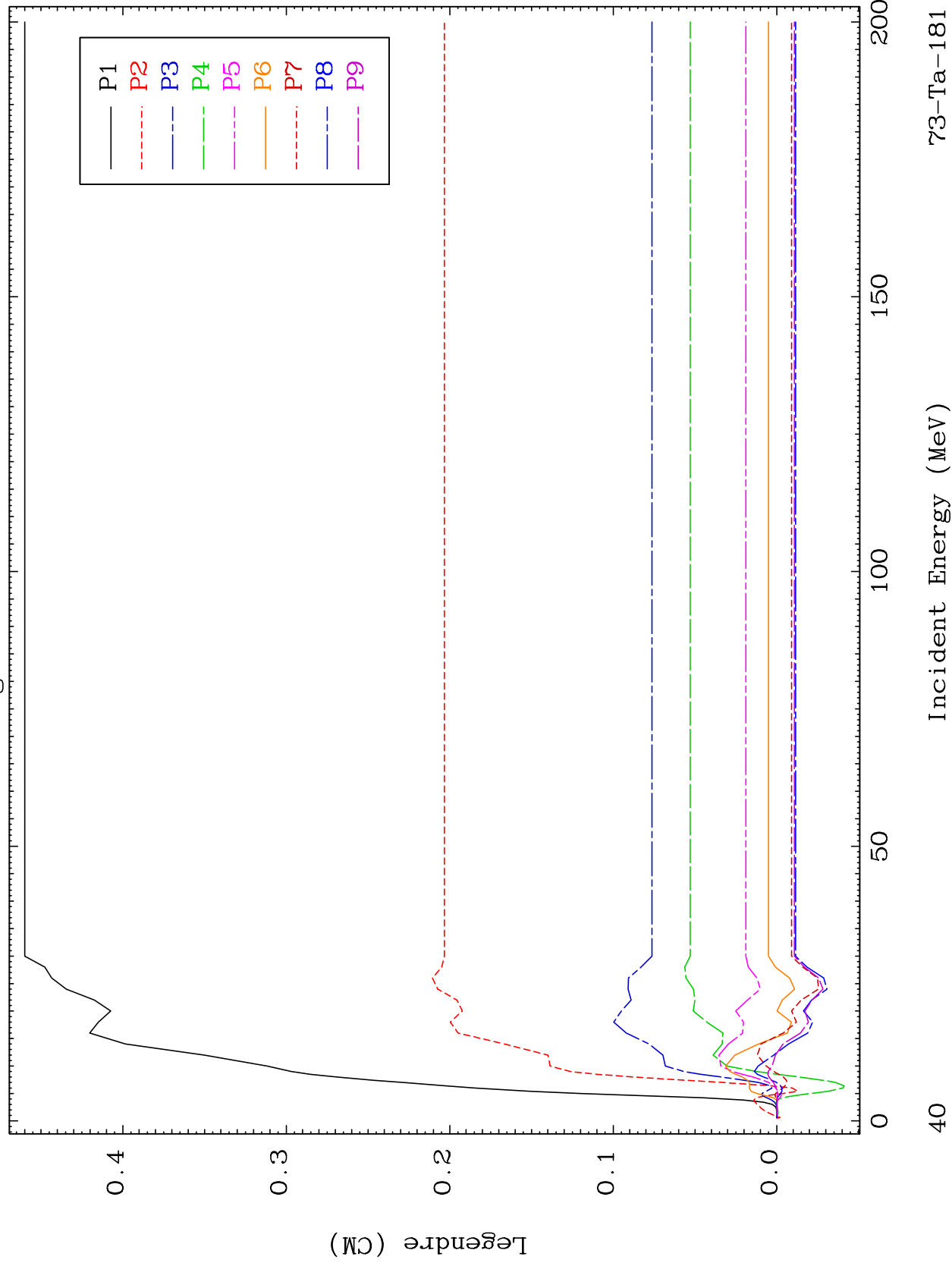
73-Ta-181



MAT 7328

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

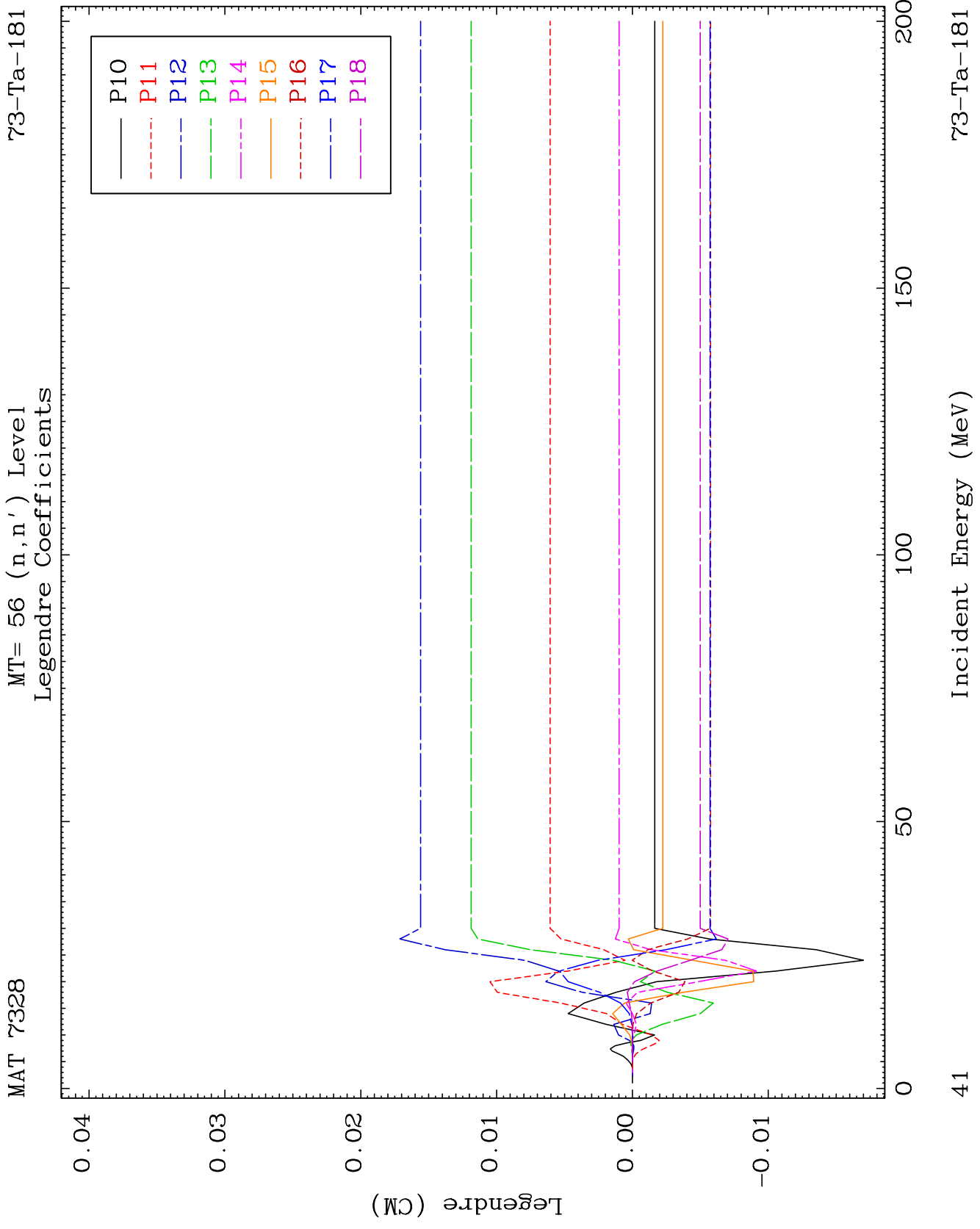
73-Ta-181



73-Ta-181

Incident Energy (MeV)

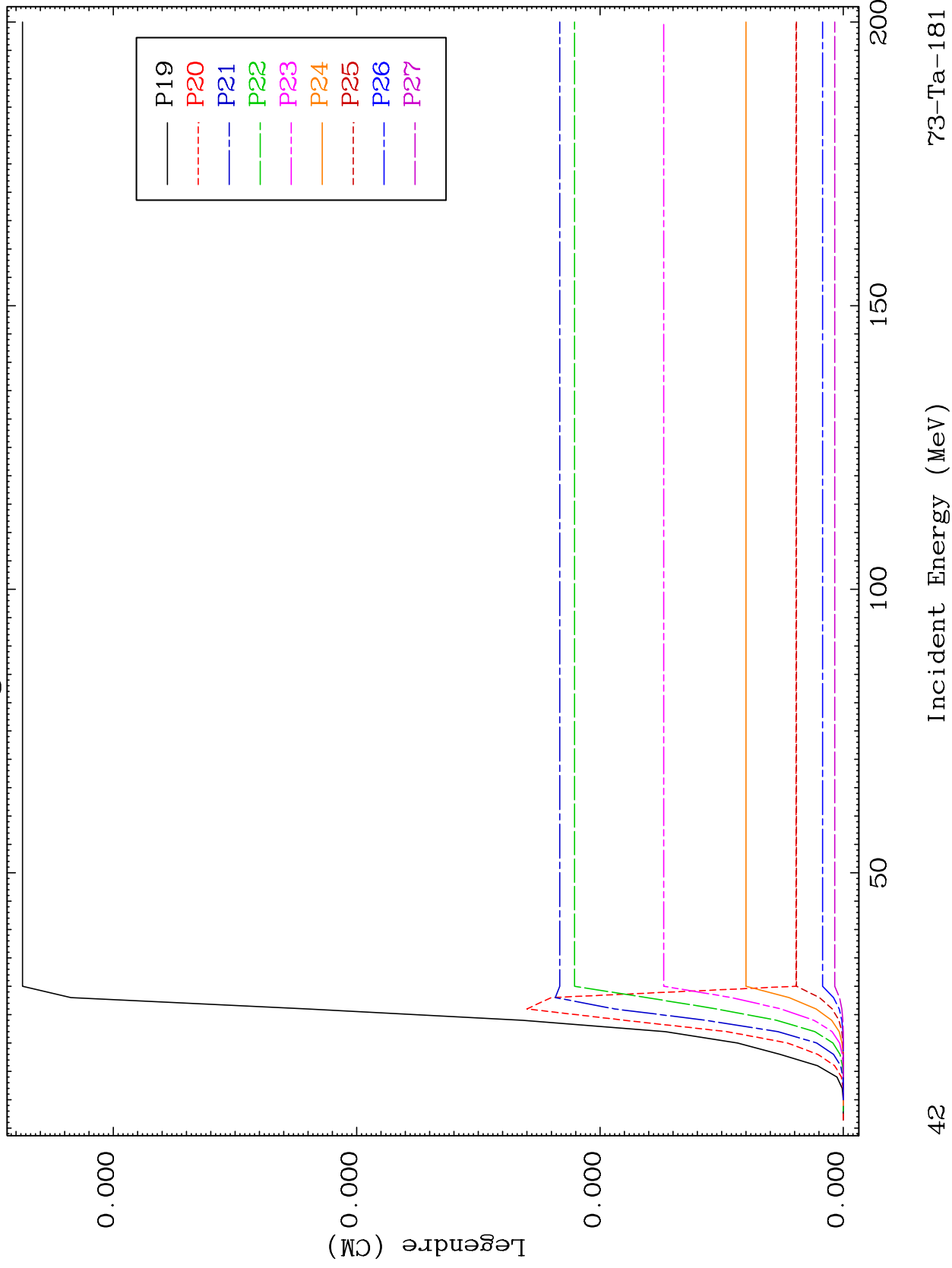
40



MAT 7328

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

73-Ta-181



42

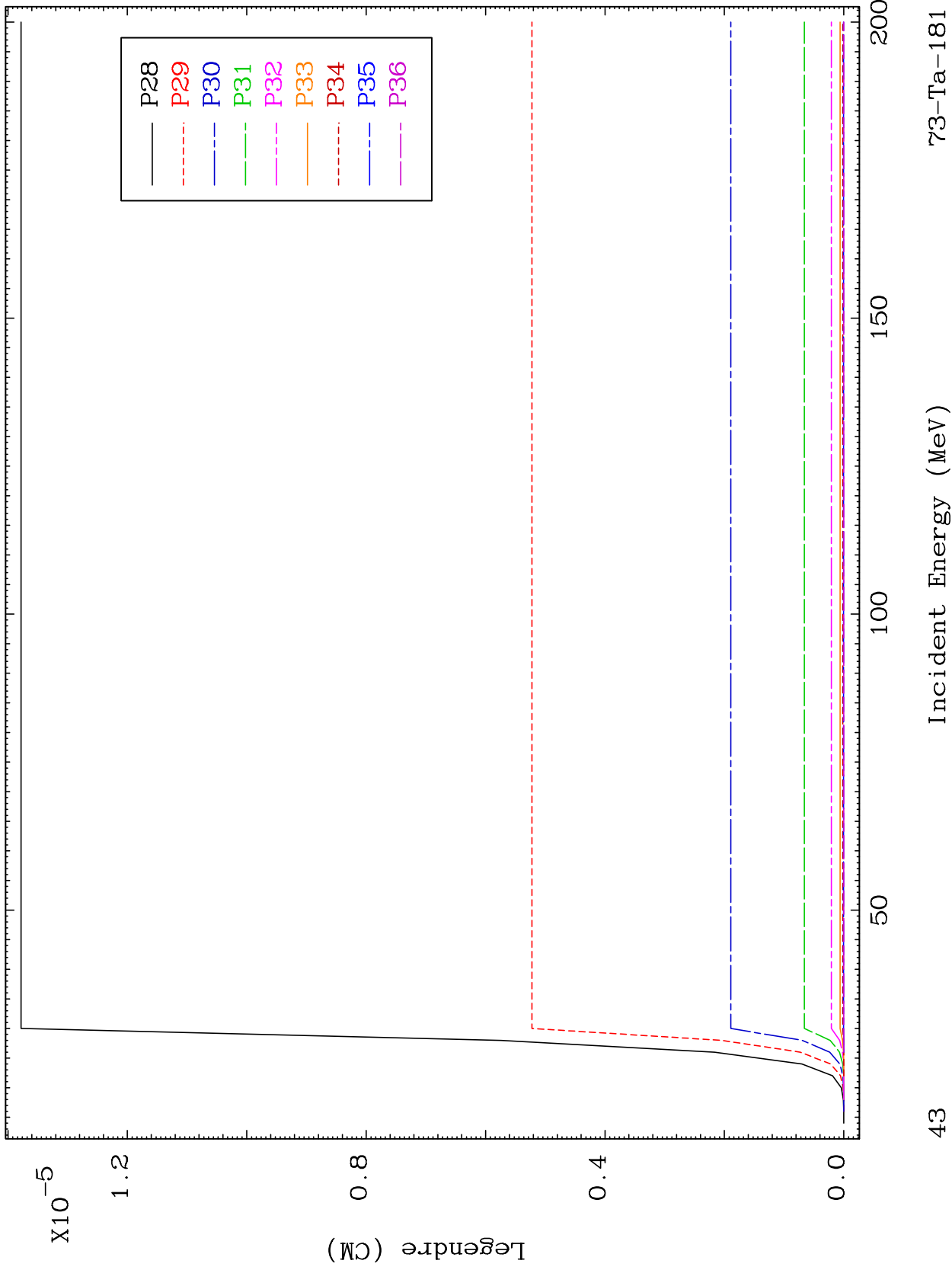
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



43

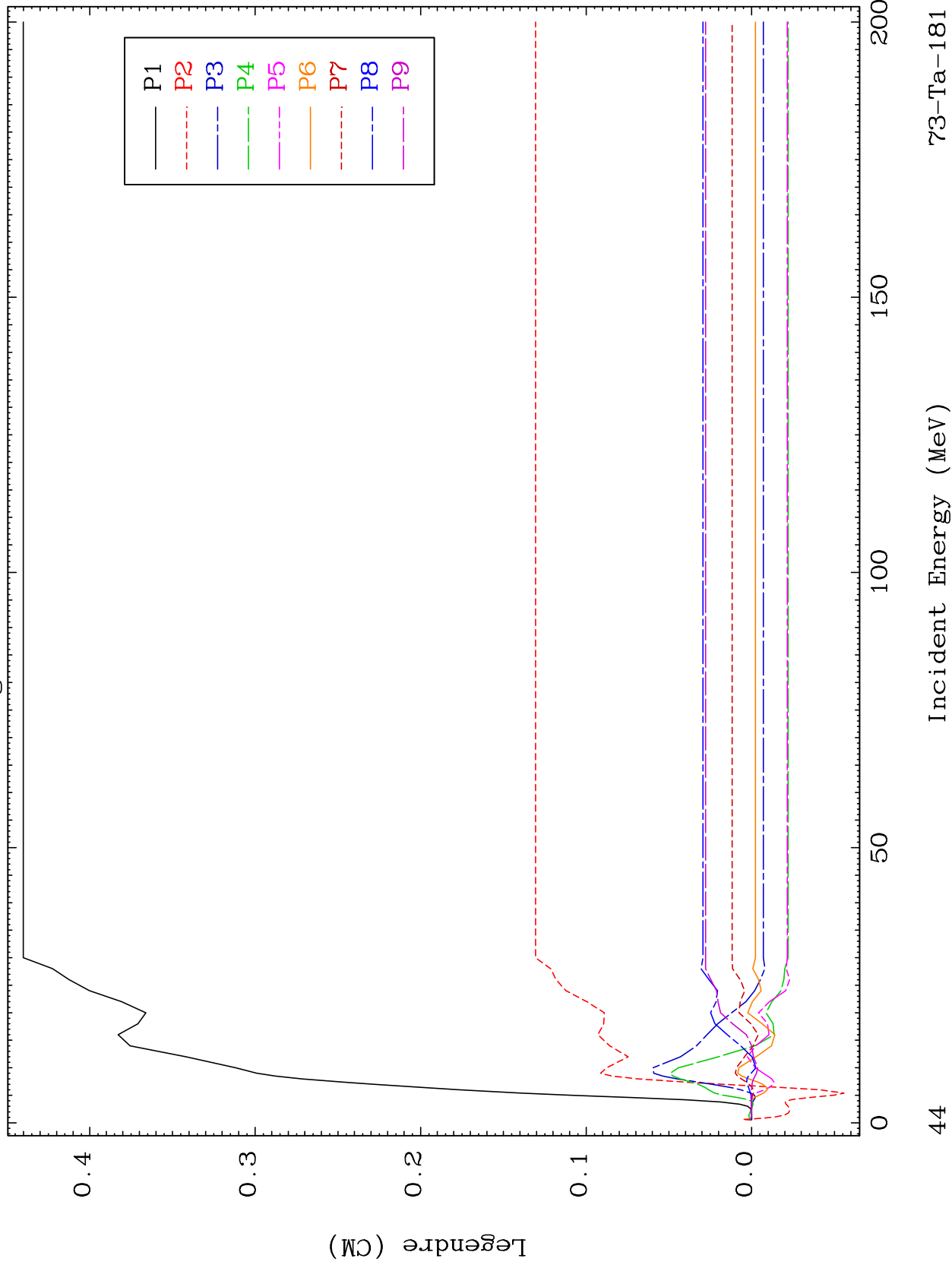
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



44

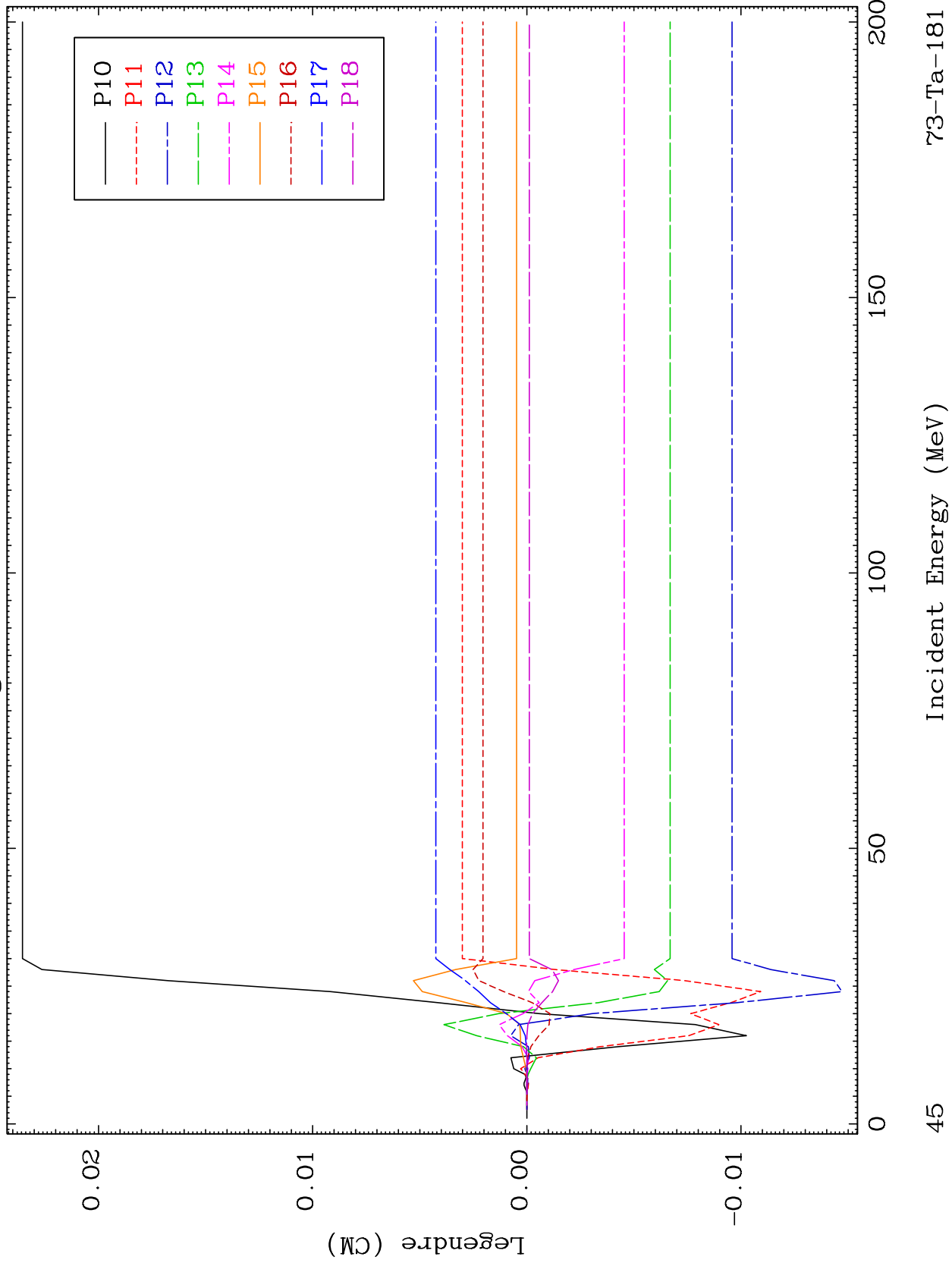
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

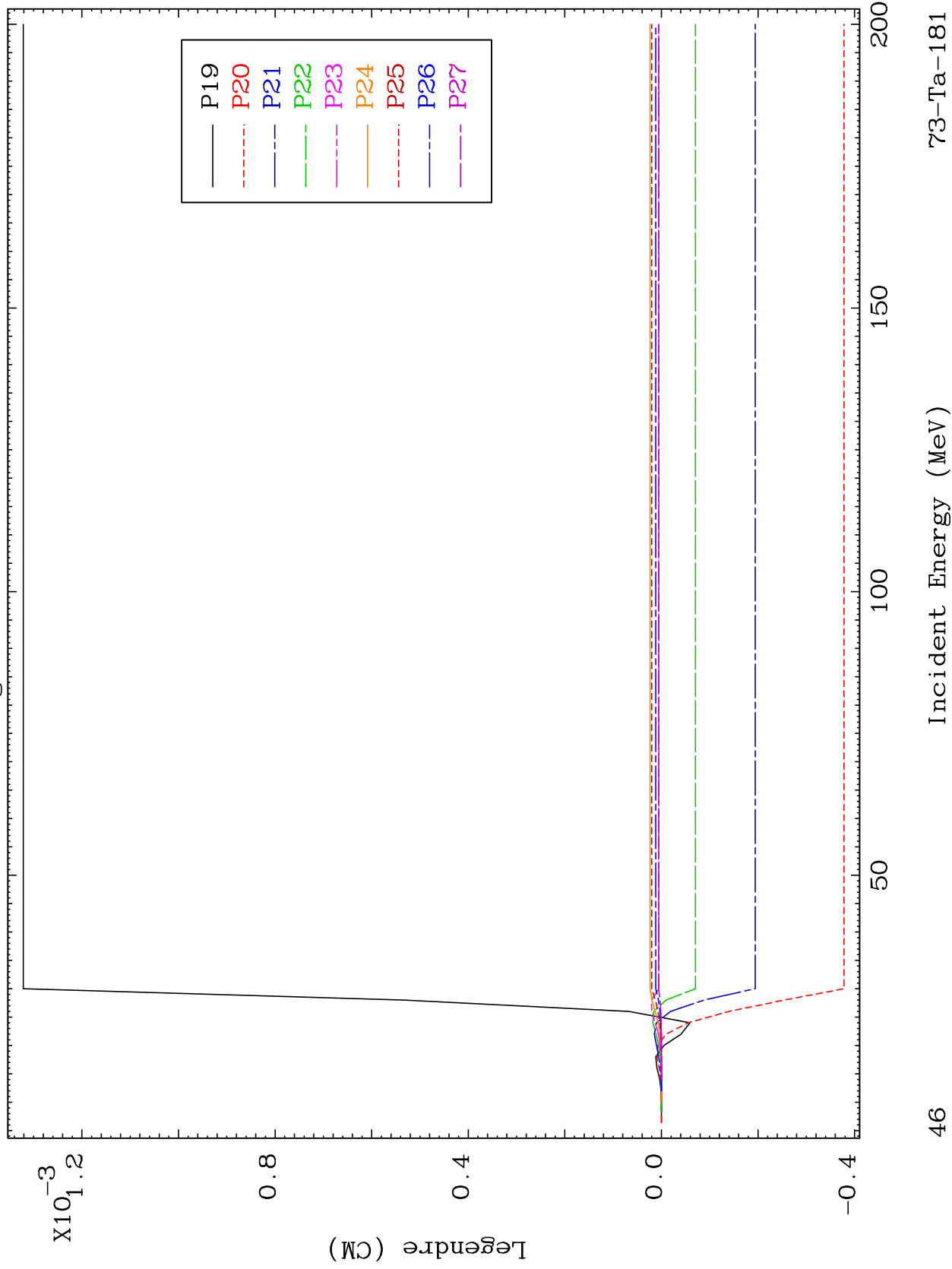
Incident Energy (MeV)

45

MAT 7328

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

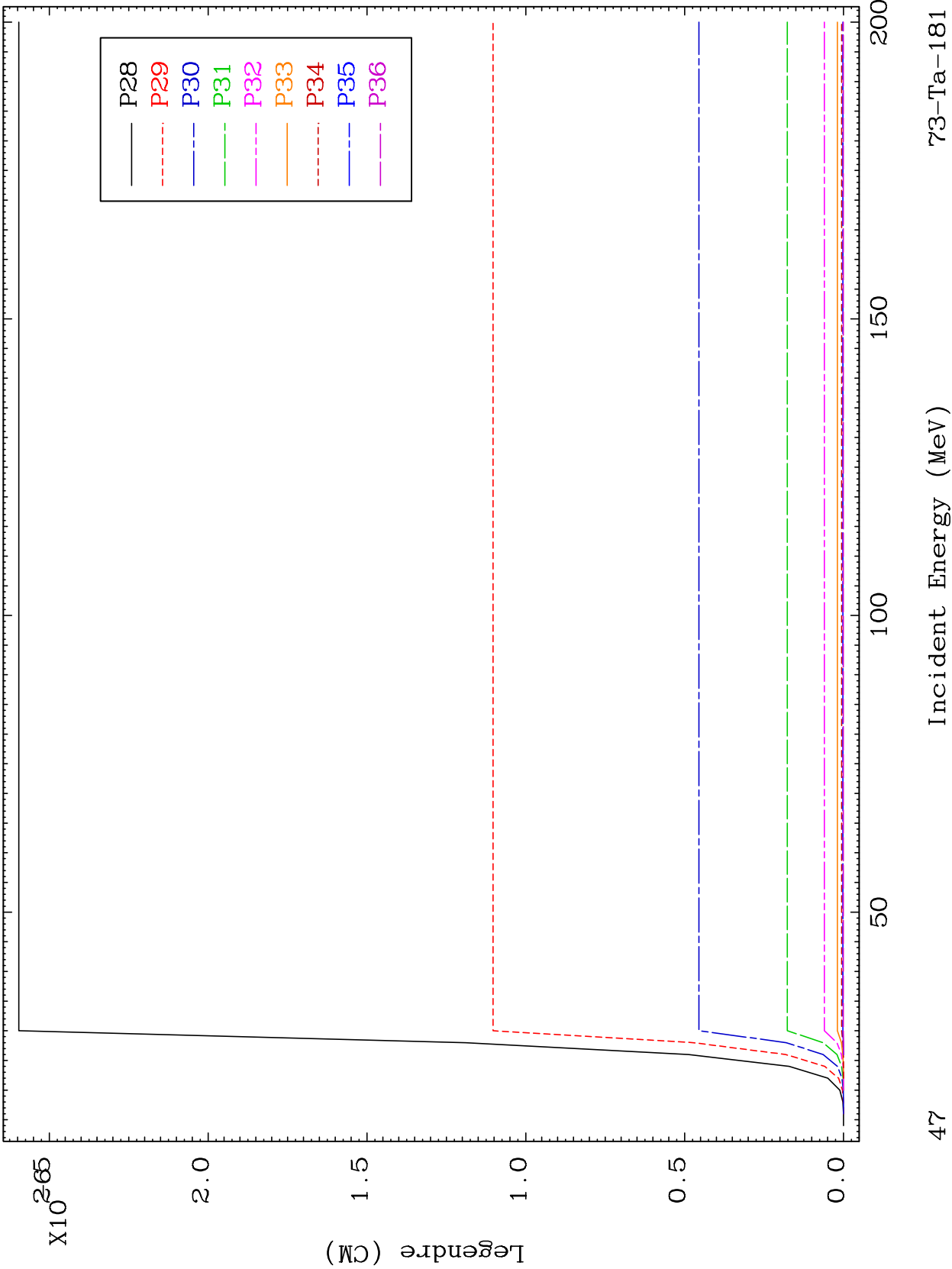
73-Ta-181



MAT 7328

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

73-Ta-181



47

Incident Energy (MeV)

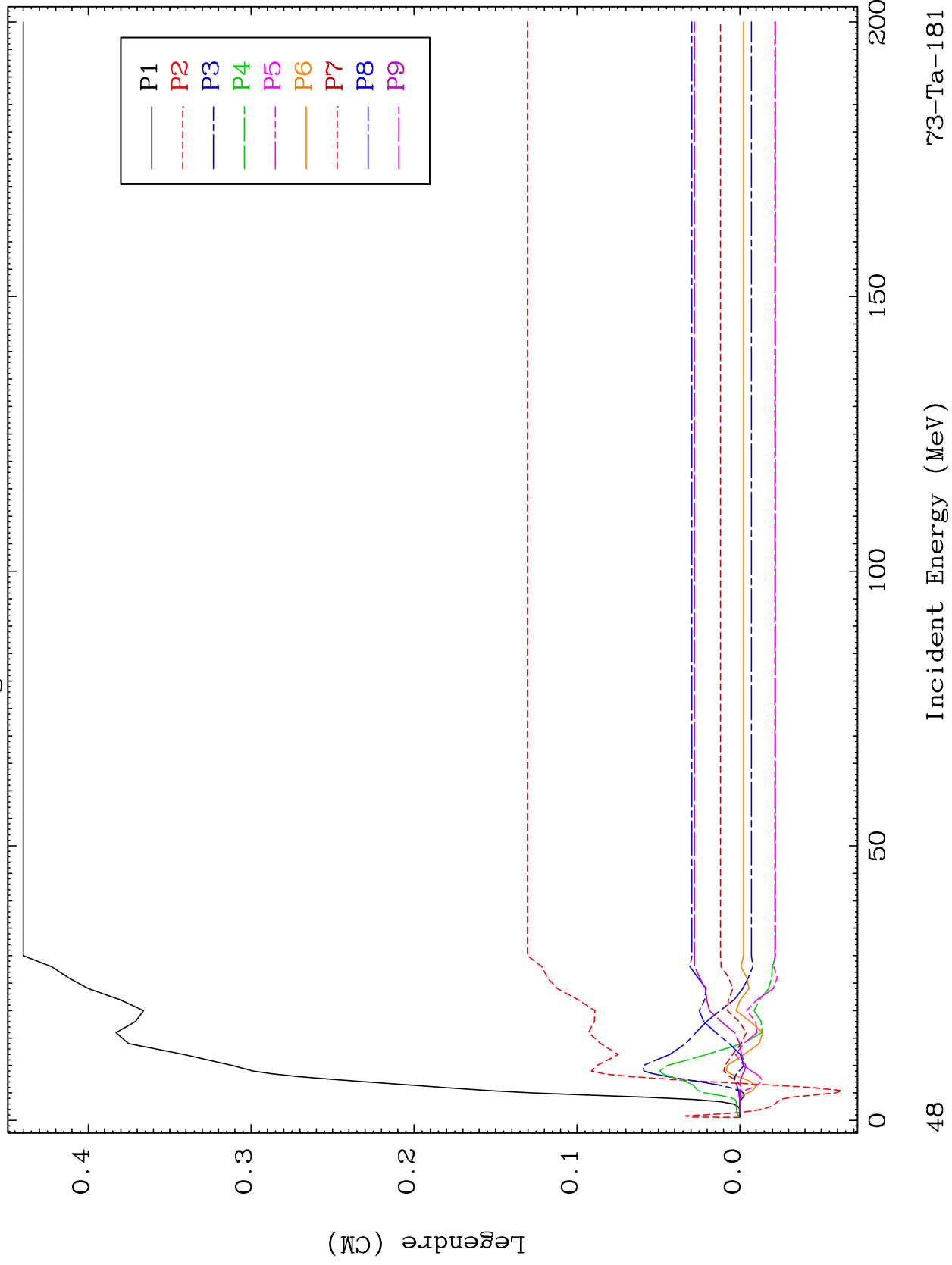
73-Ta-181



MAT 7328

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

73-Ta-181



73-Ta-181

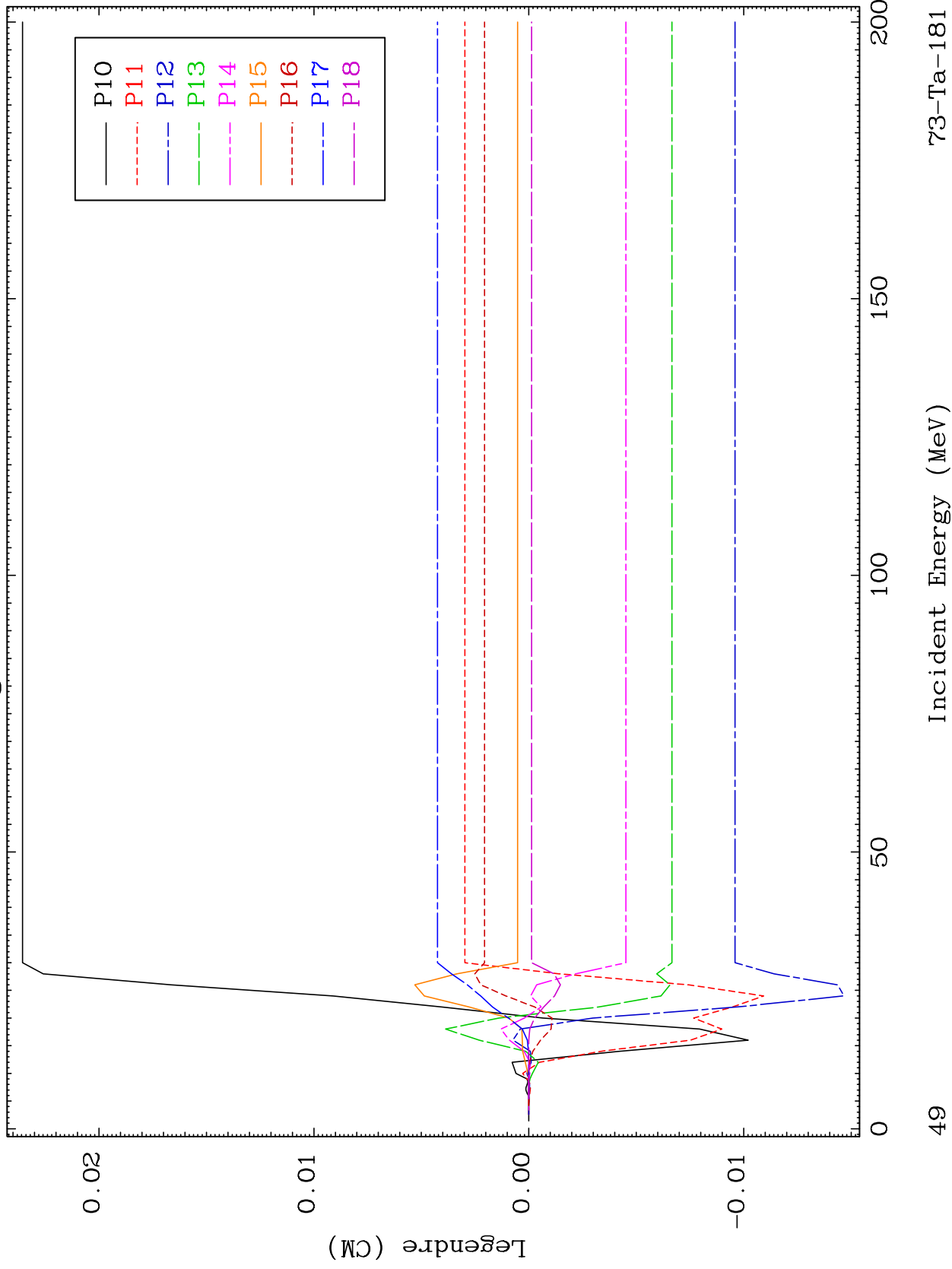
Incident Energy (MeV)

48

MAT 7328

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

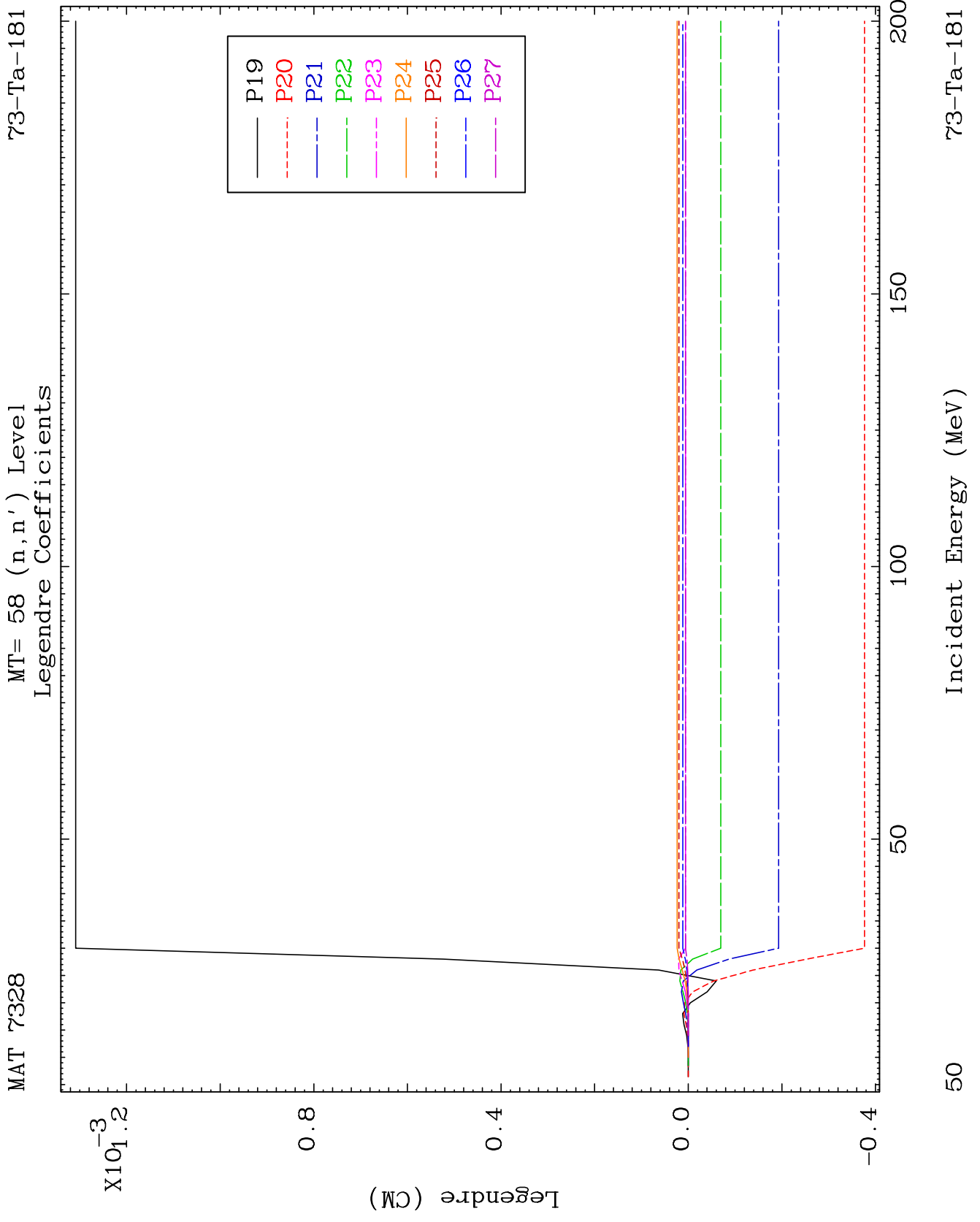
73-Ta-181



49

Incident Energy (MeV)

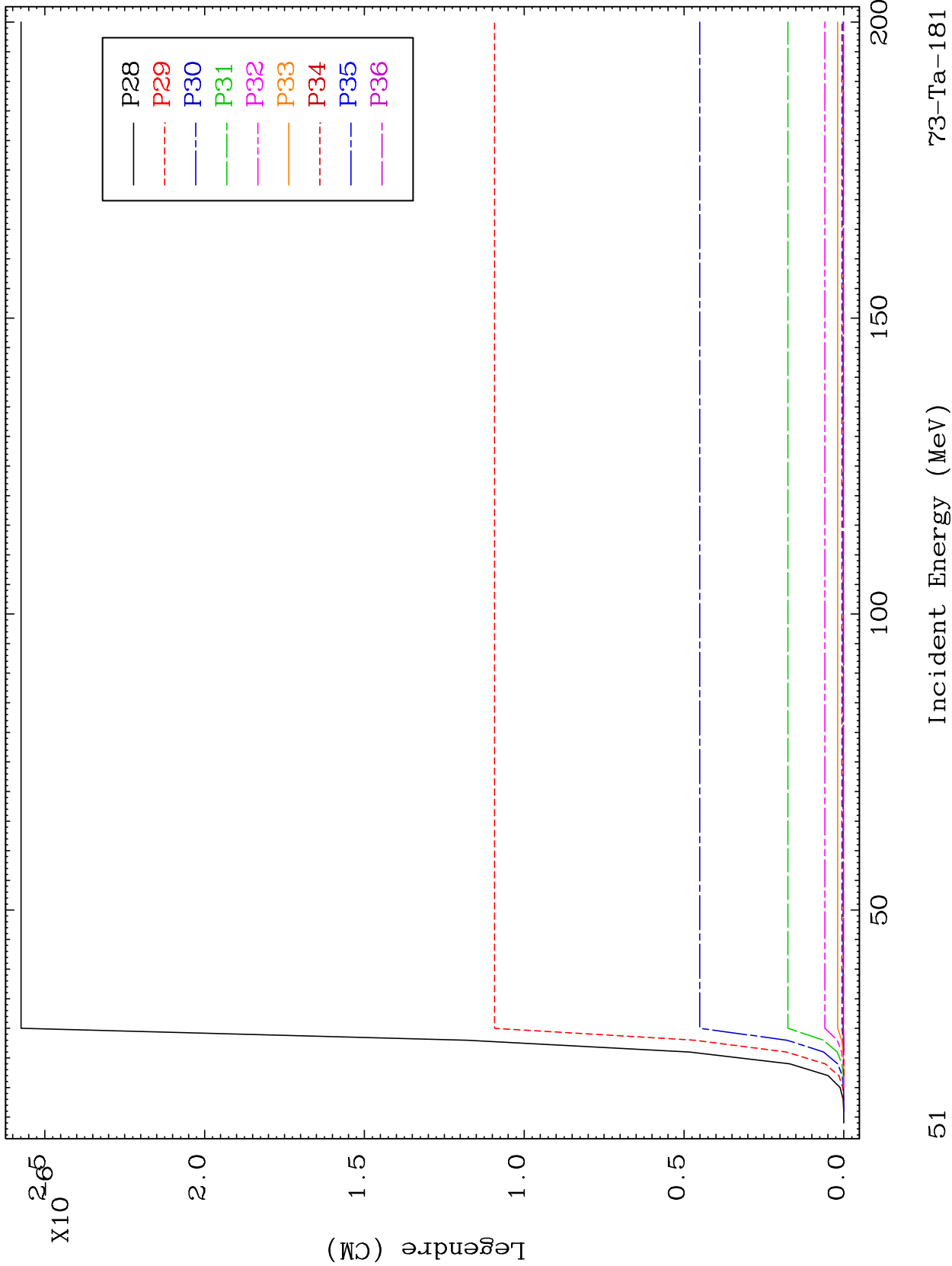
73-Ta-181



MAT 7328

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

73-Ta-181



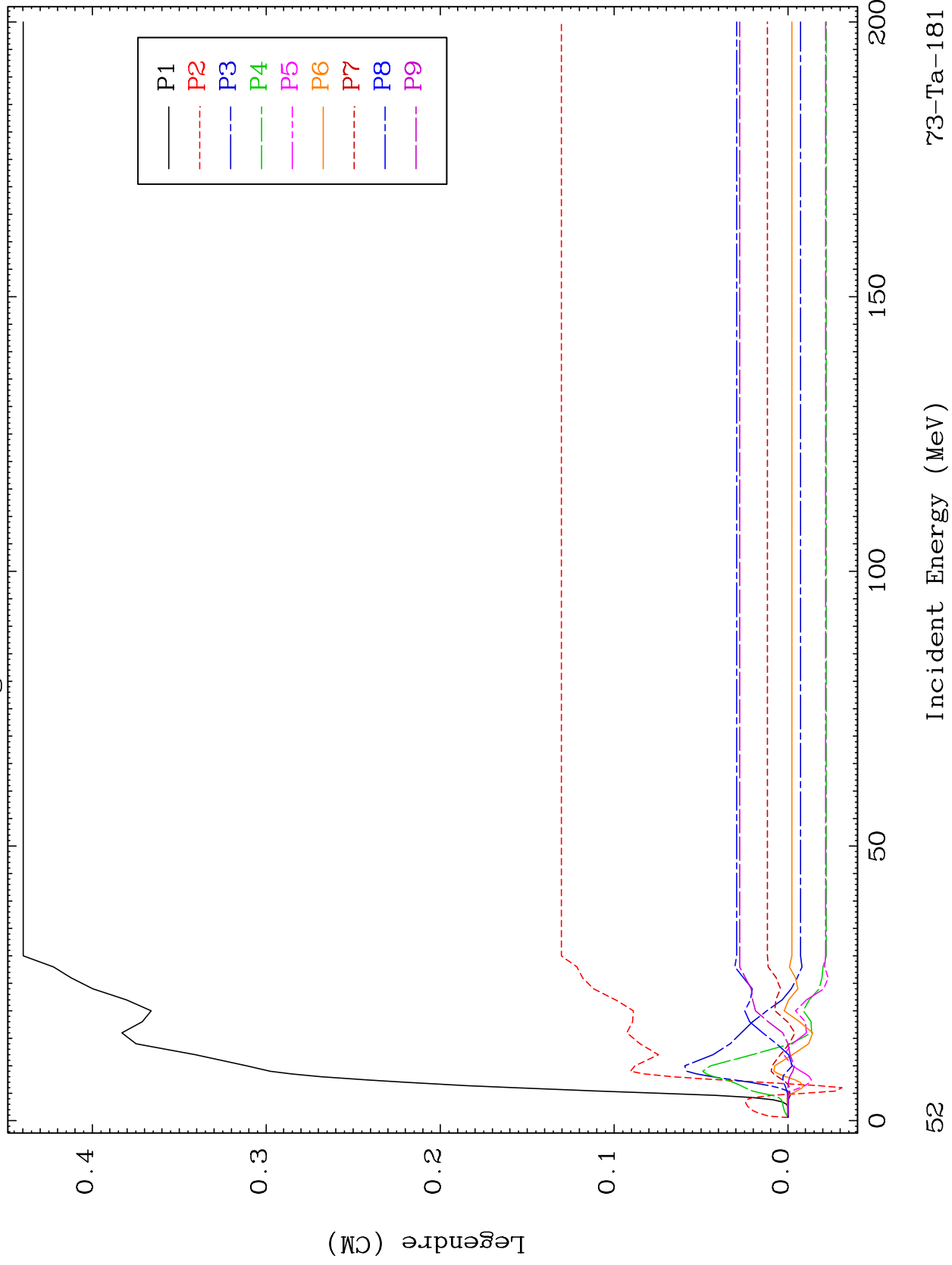
51

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

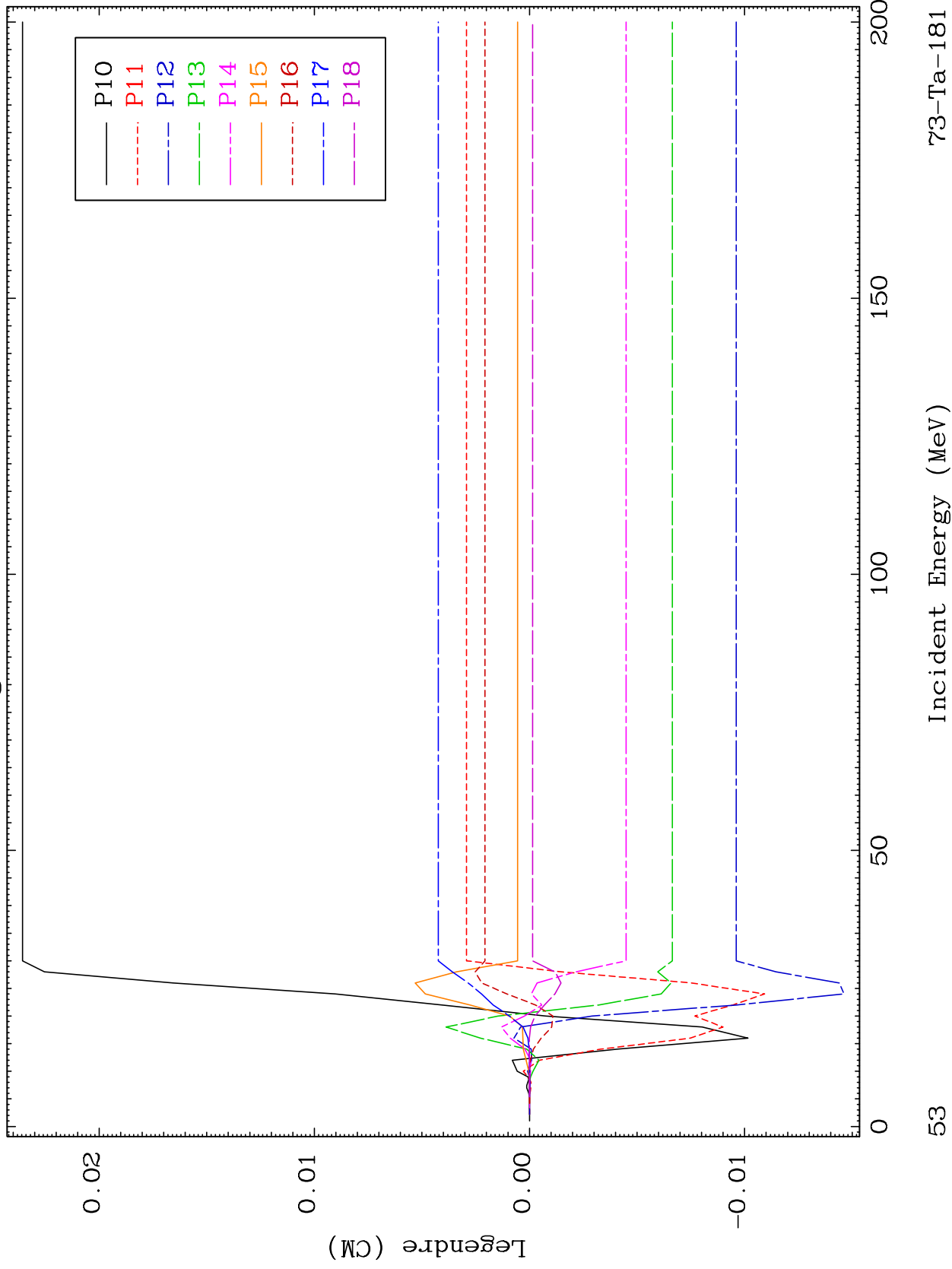
Incident Energy (MeV)

52

MAT 7328

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

73-Ta-181



73-Ta-181

Incident Energy (MeV)

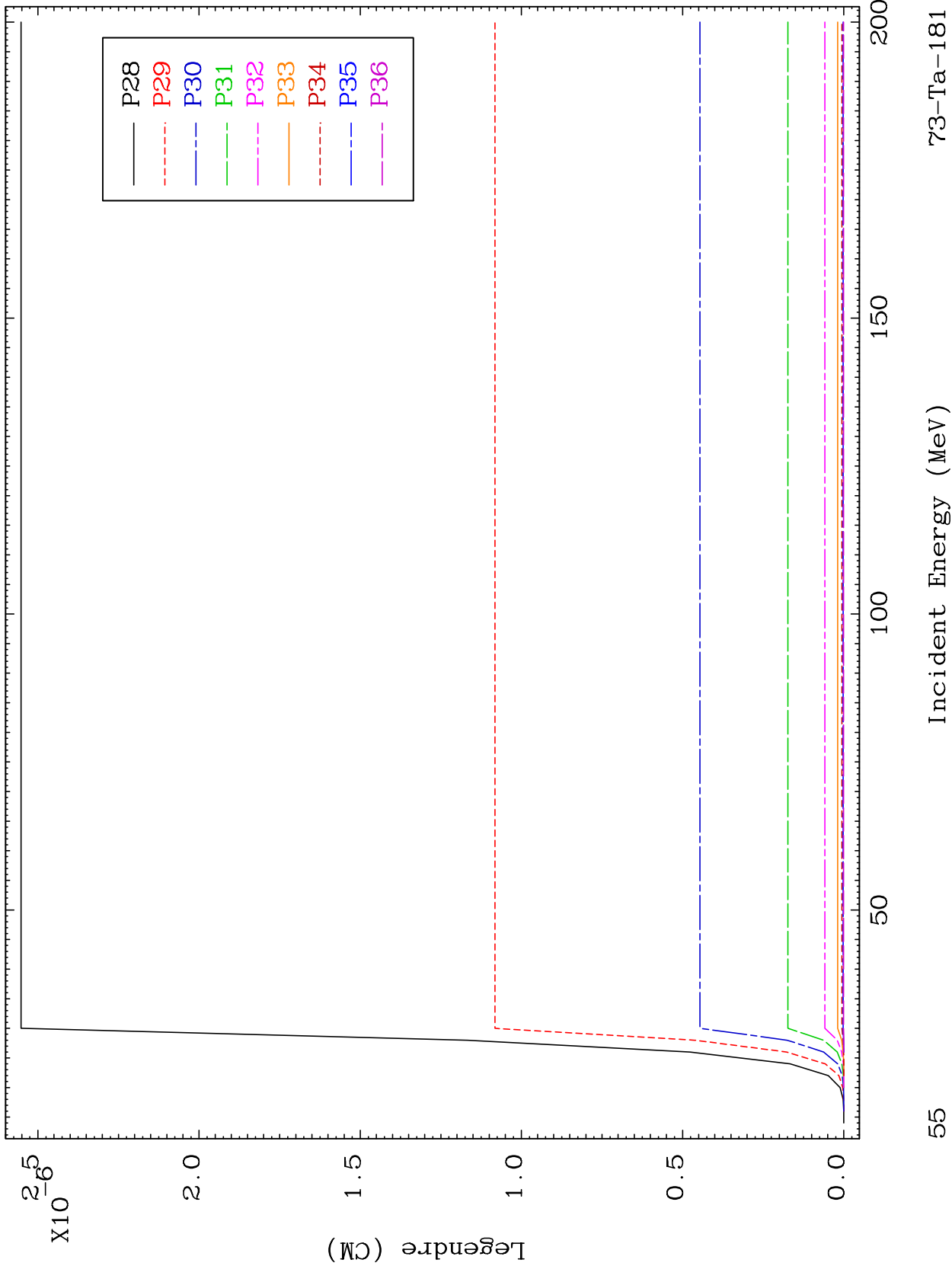
53



MAT 7328

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

73-Ta-181



55

Incident Energy (MeV)

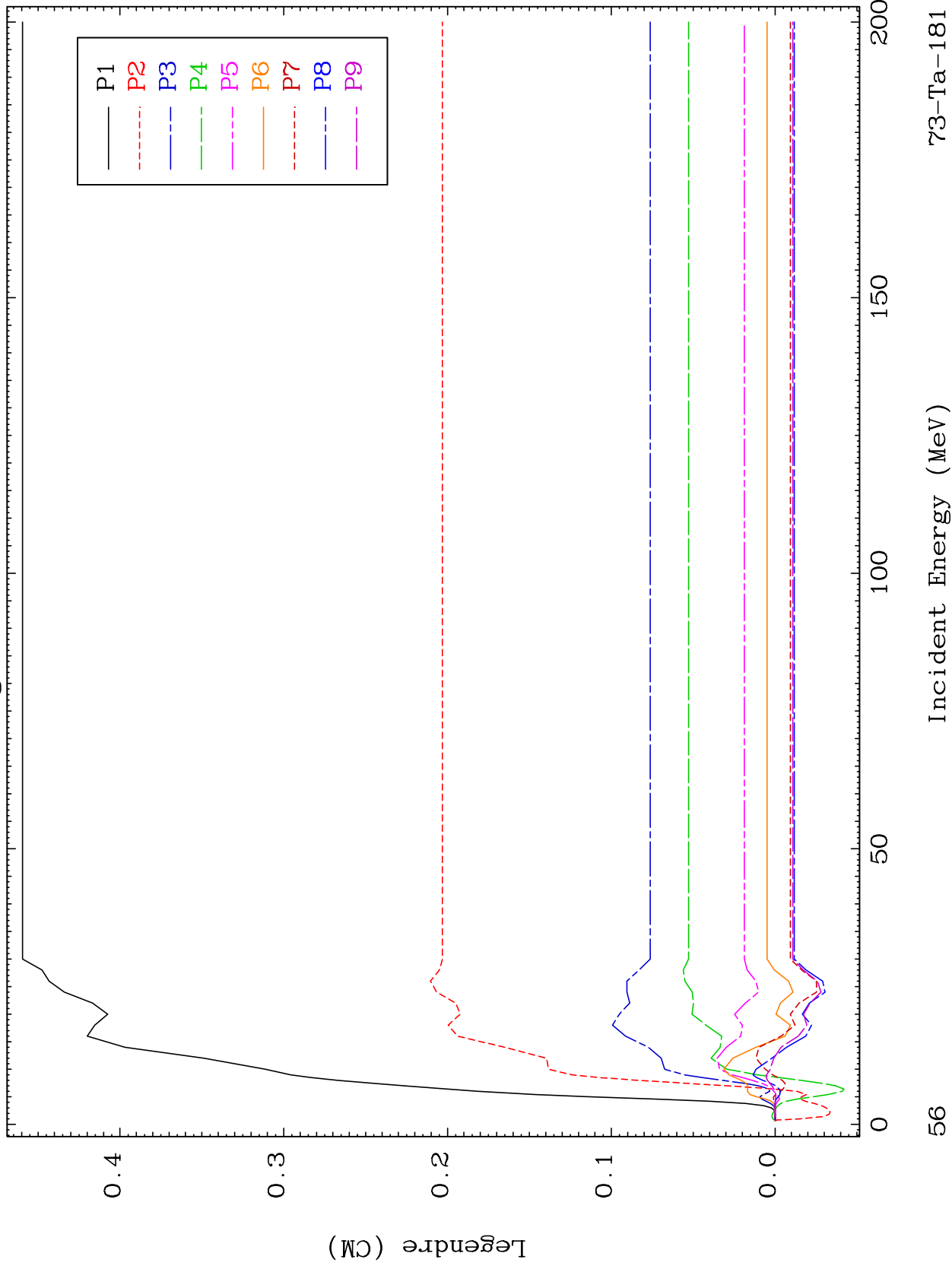
73-Ta-181



MAT 7328

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

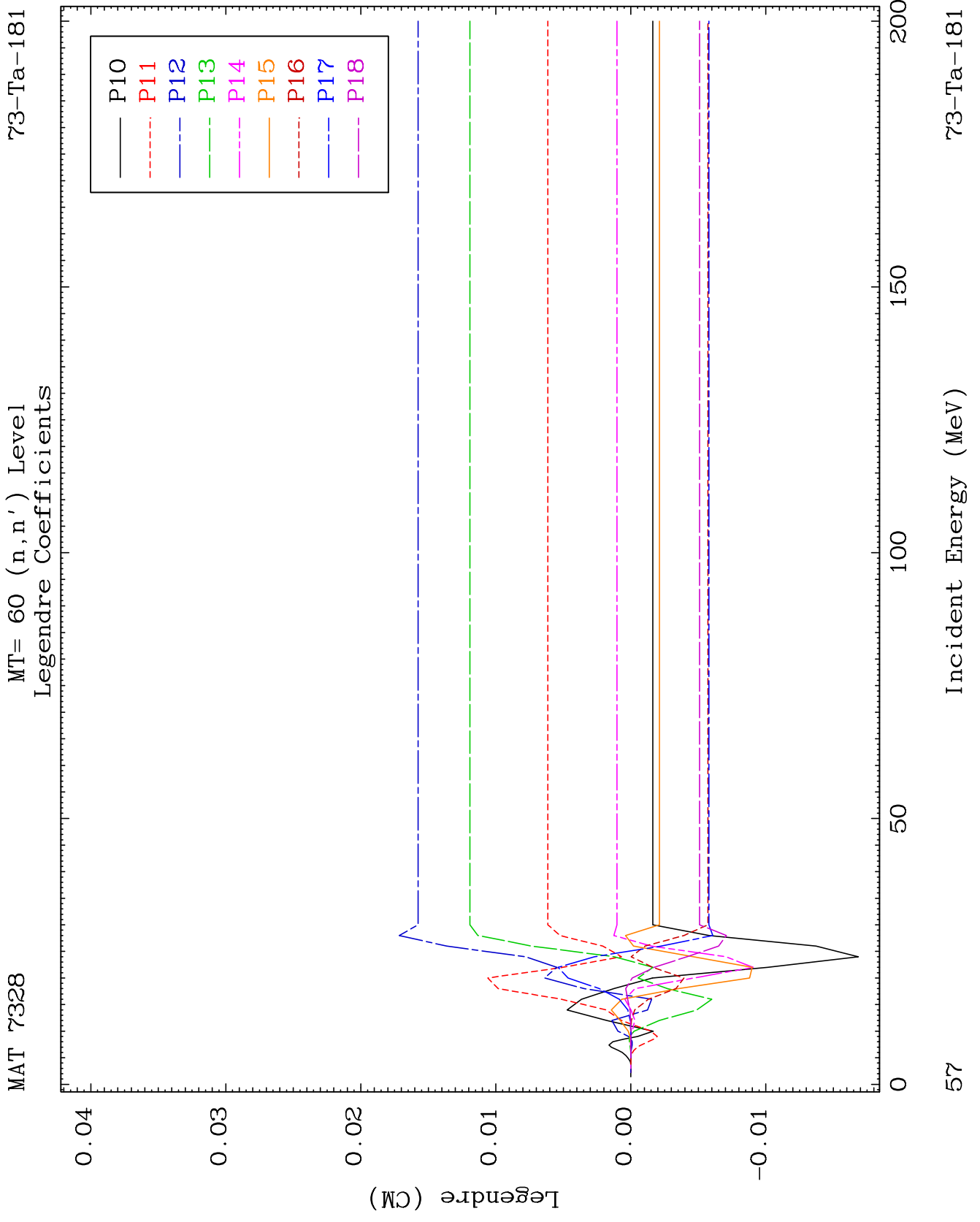
73-Ta-181



73-Ta-181

Incident Energy (MeV)

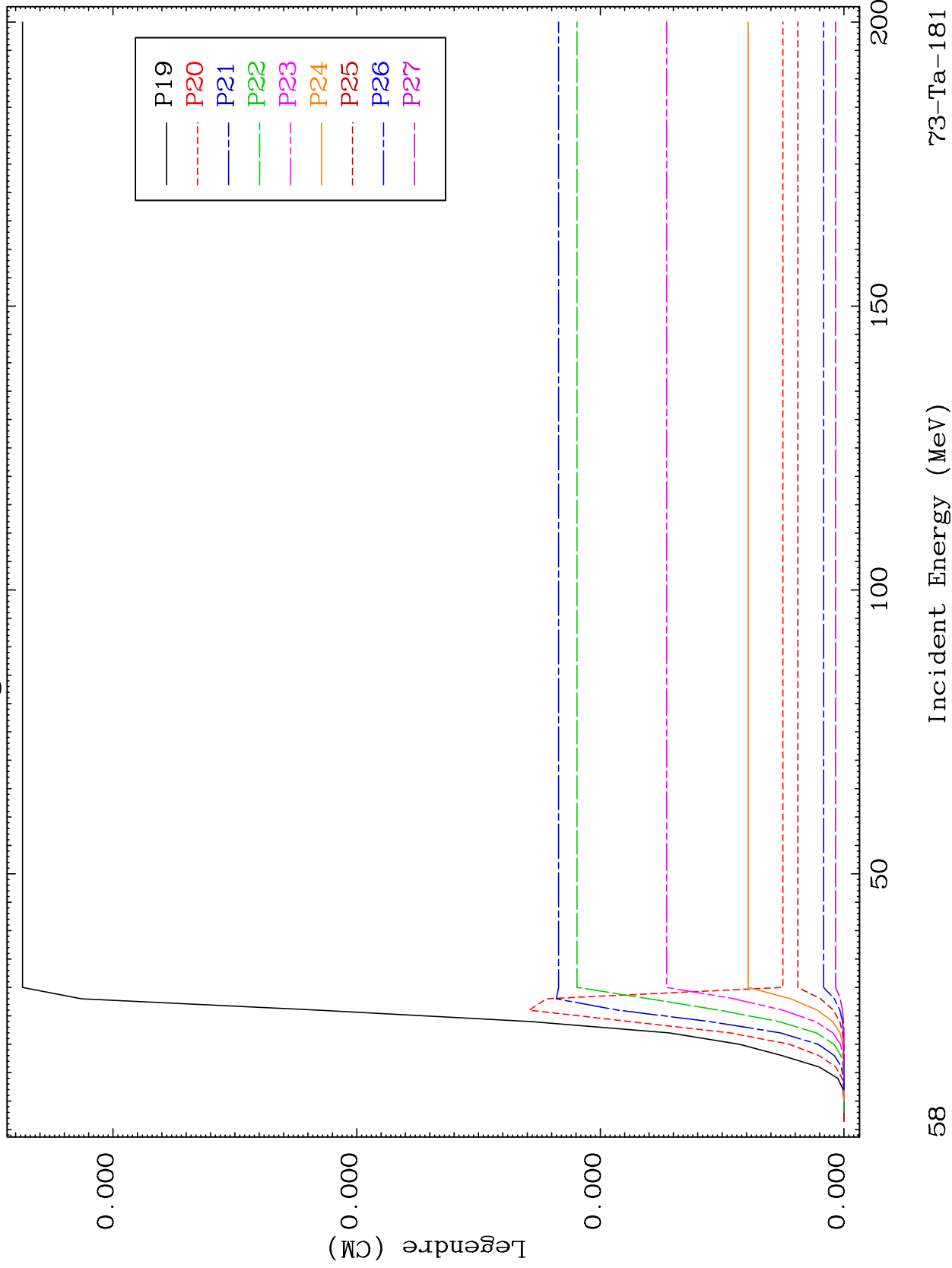
56



MAT 7328

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

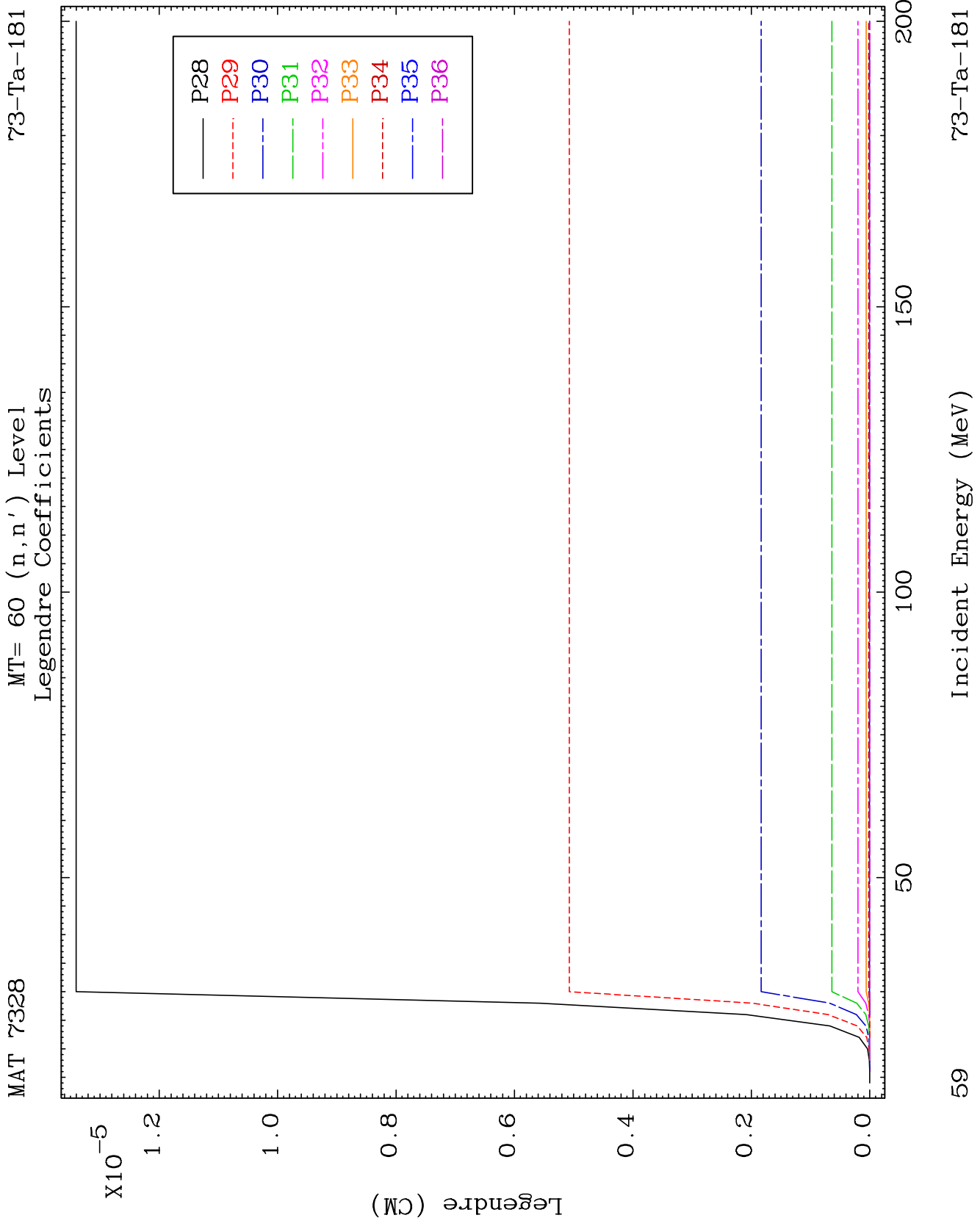
73-Ta-181



58

Incident Energy (MeV)

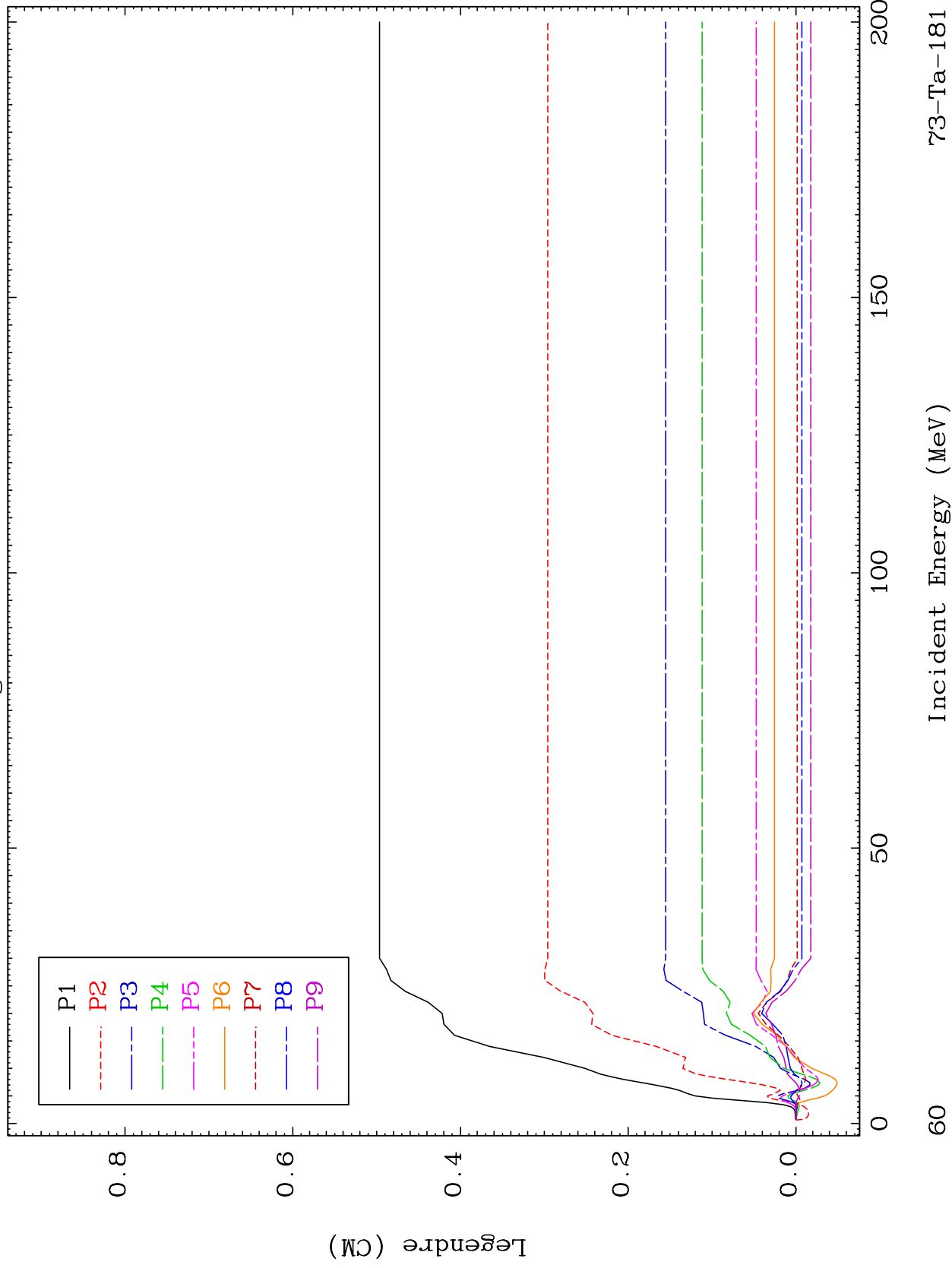
73-Ta-181

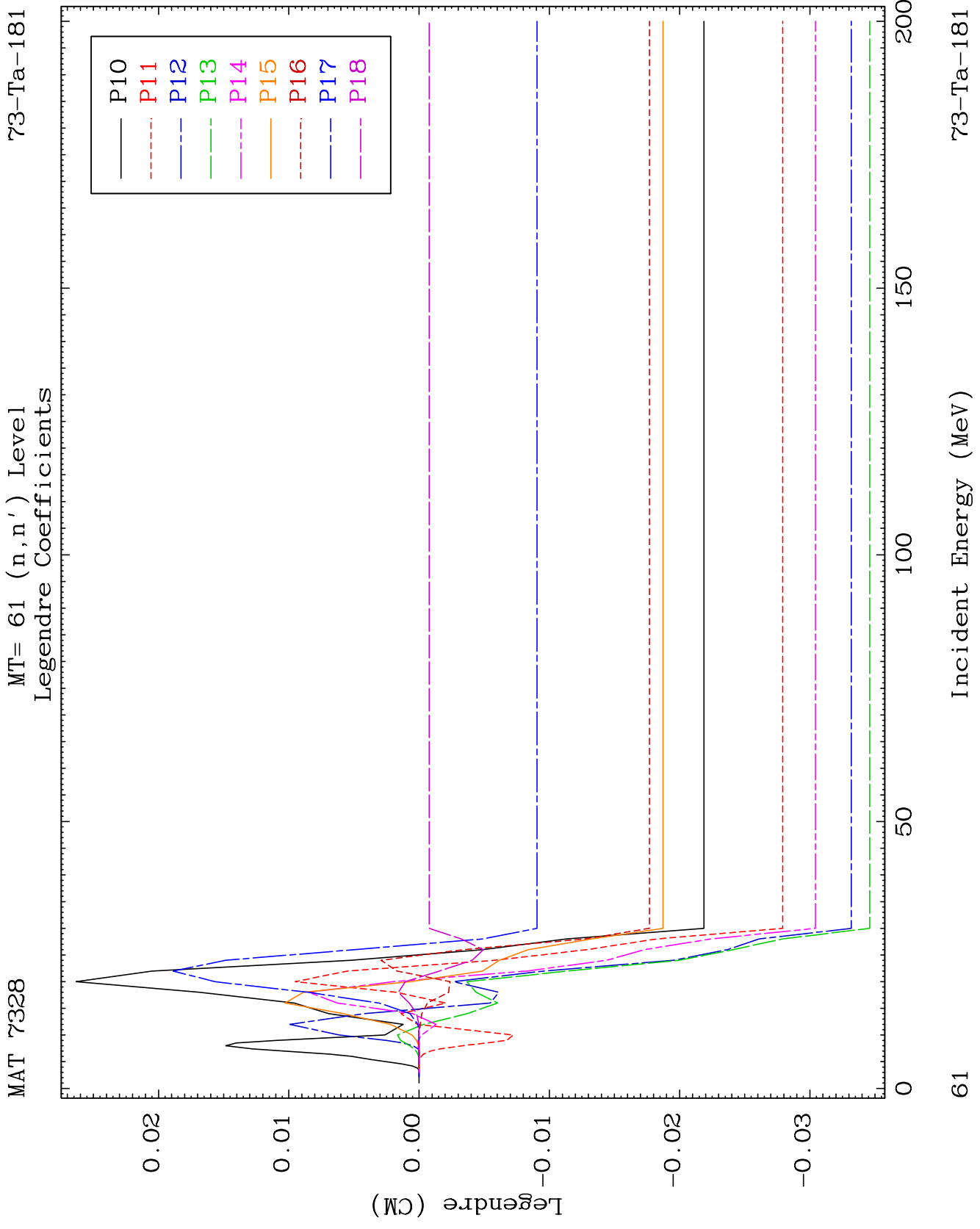


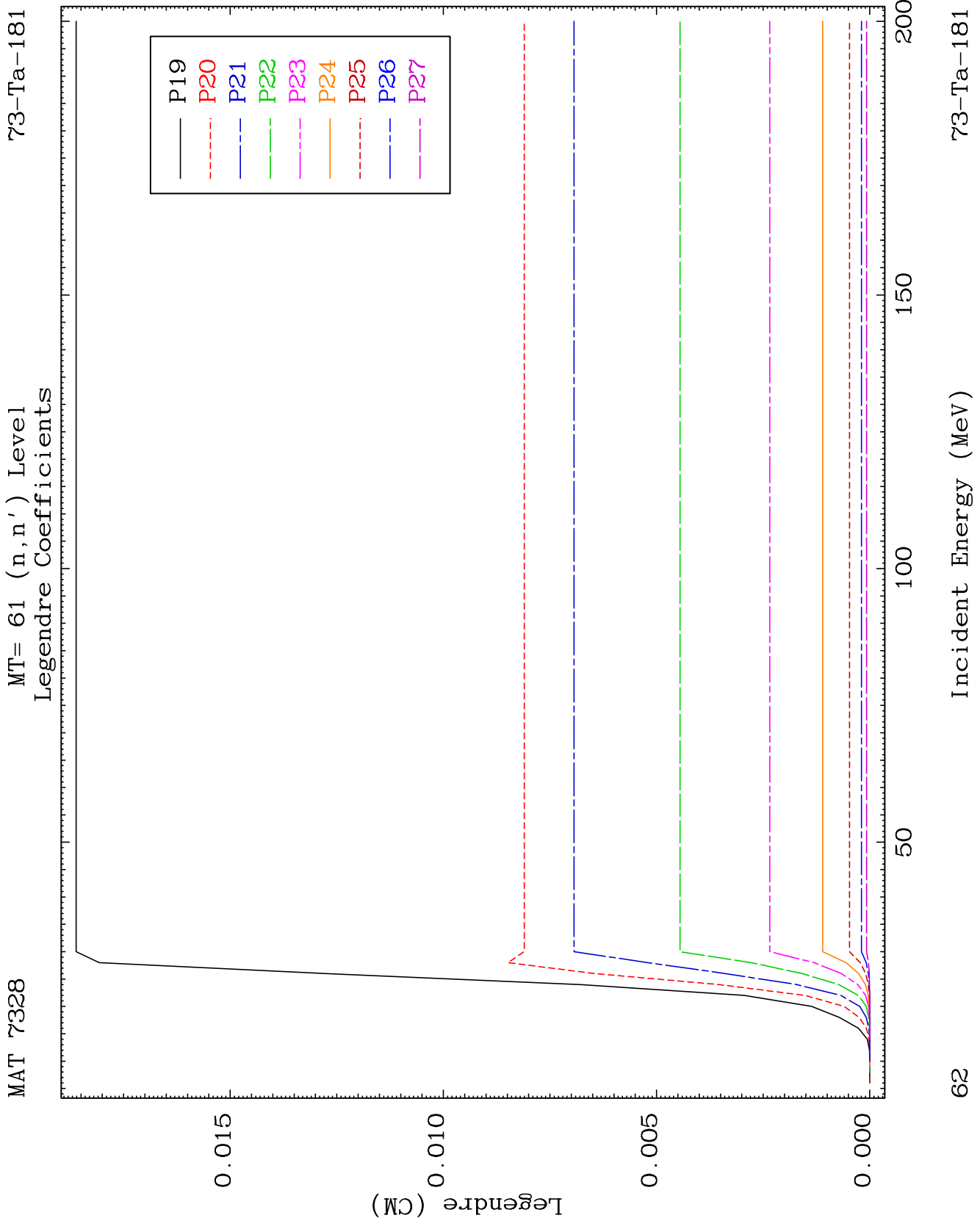
MAT 7328

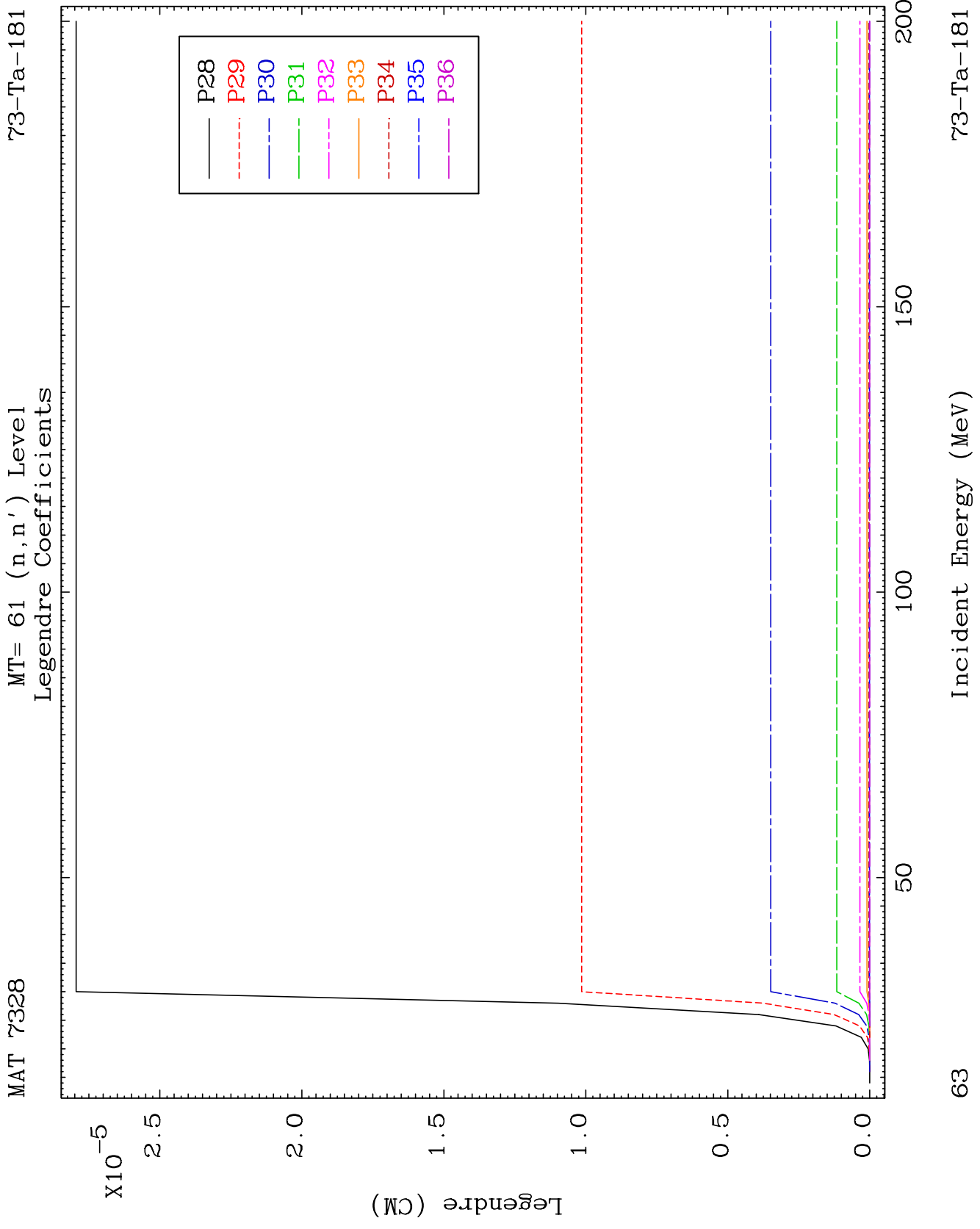
MT= 61 (n,n') Level  
Legendre Coefficients

<sup>73</sup>Ta-181







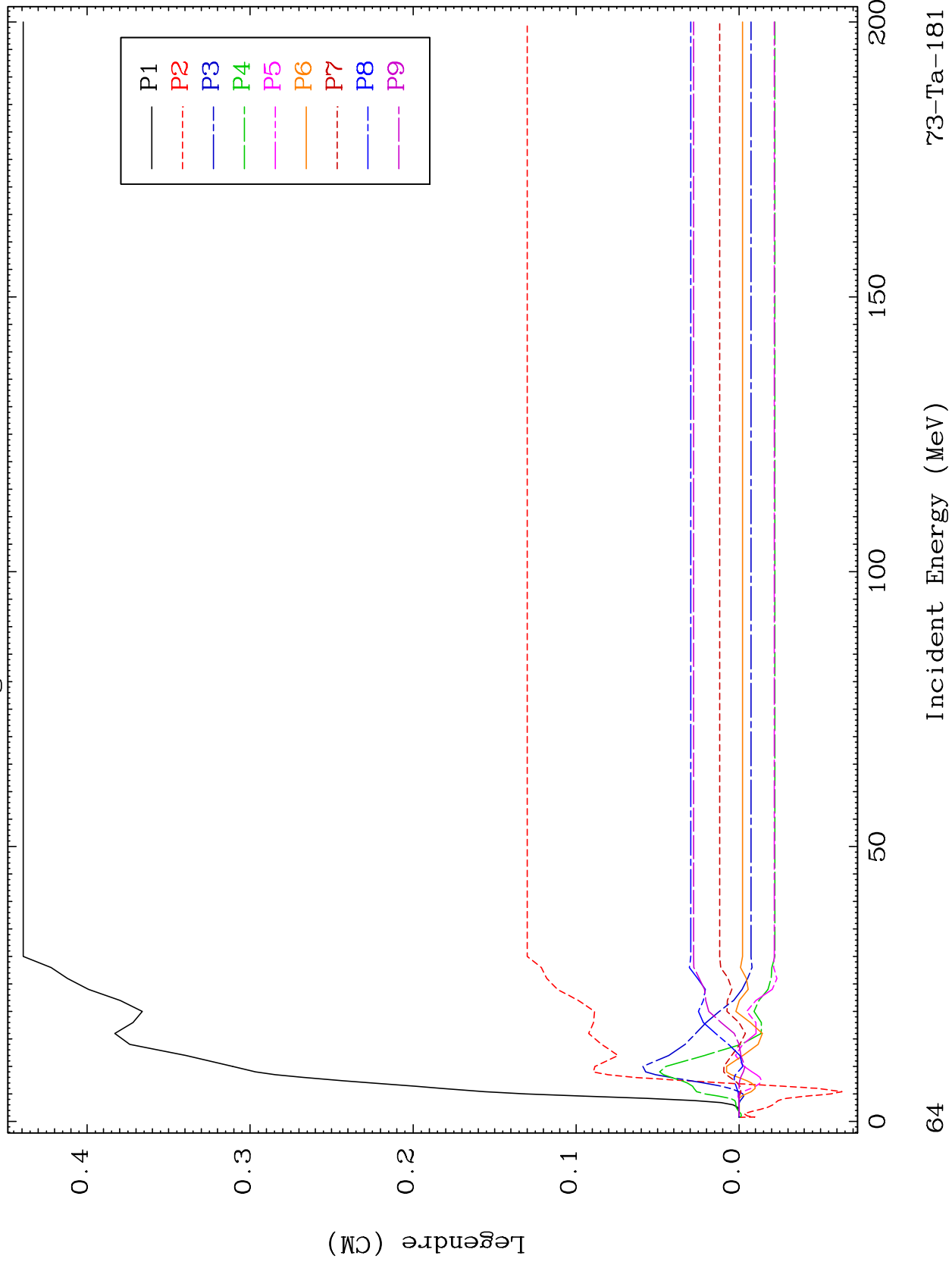




MAT 7328

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

73-Ta-181



73-Ta-181

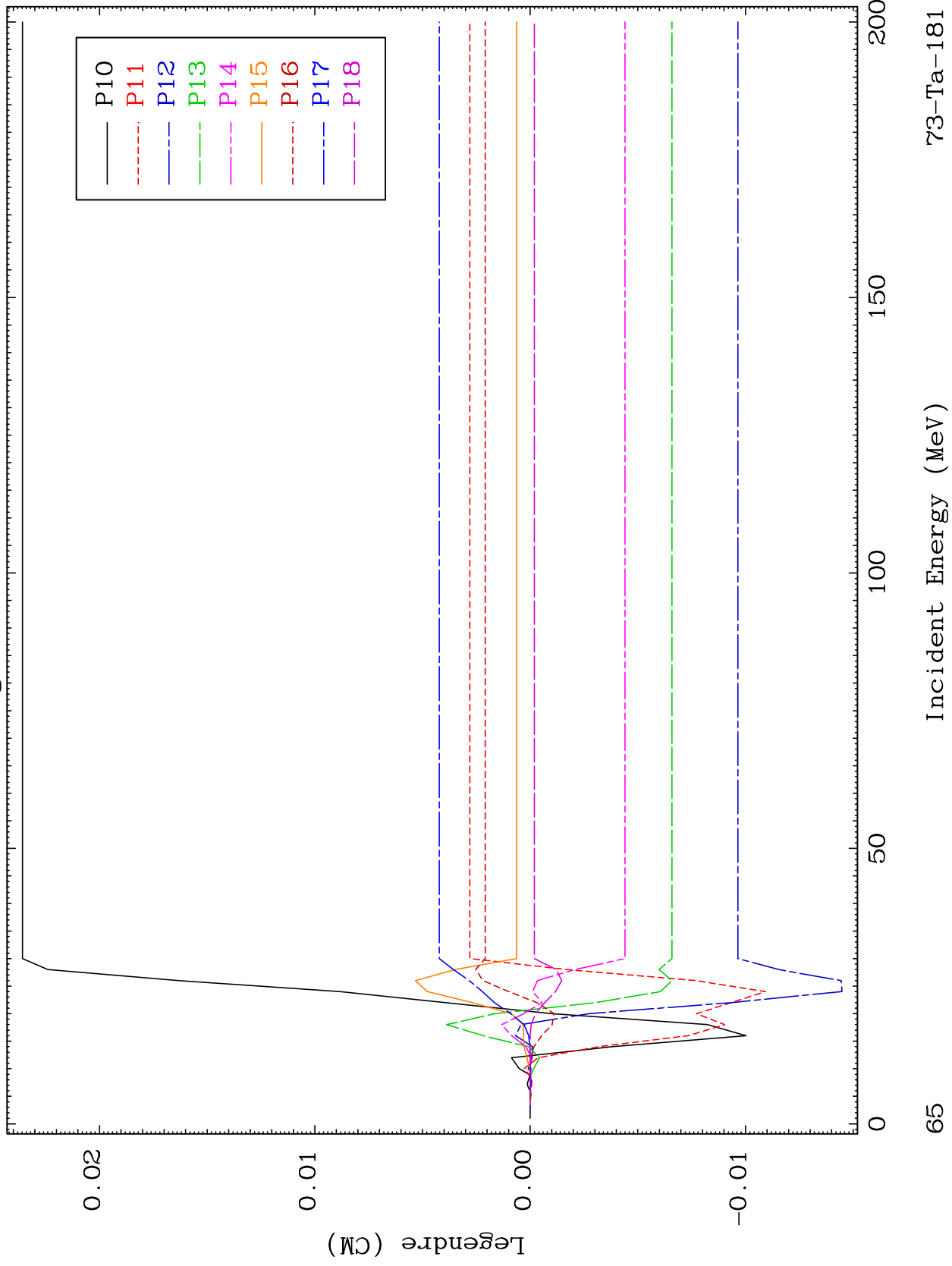
Incident Energy (MeV)

64

MAT 7328

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

73-Ta-181



73-Ta-181

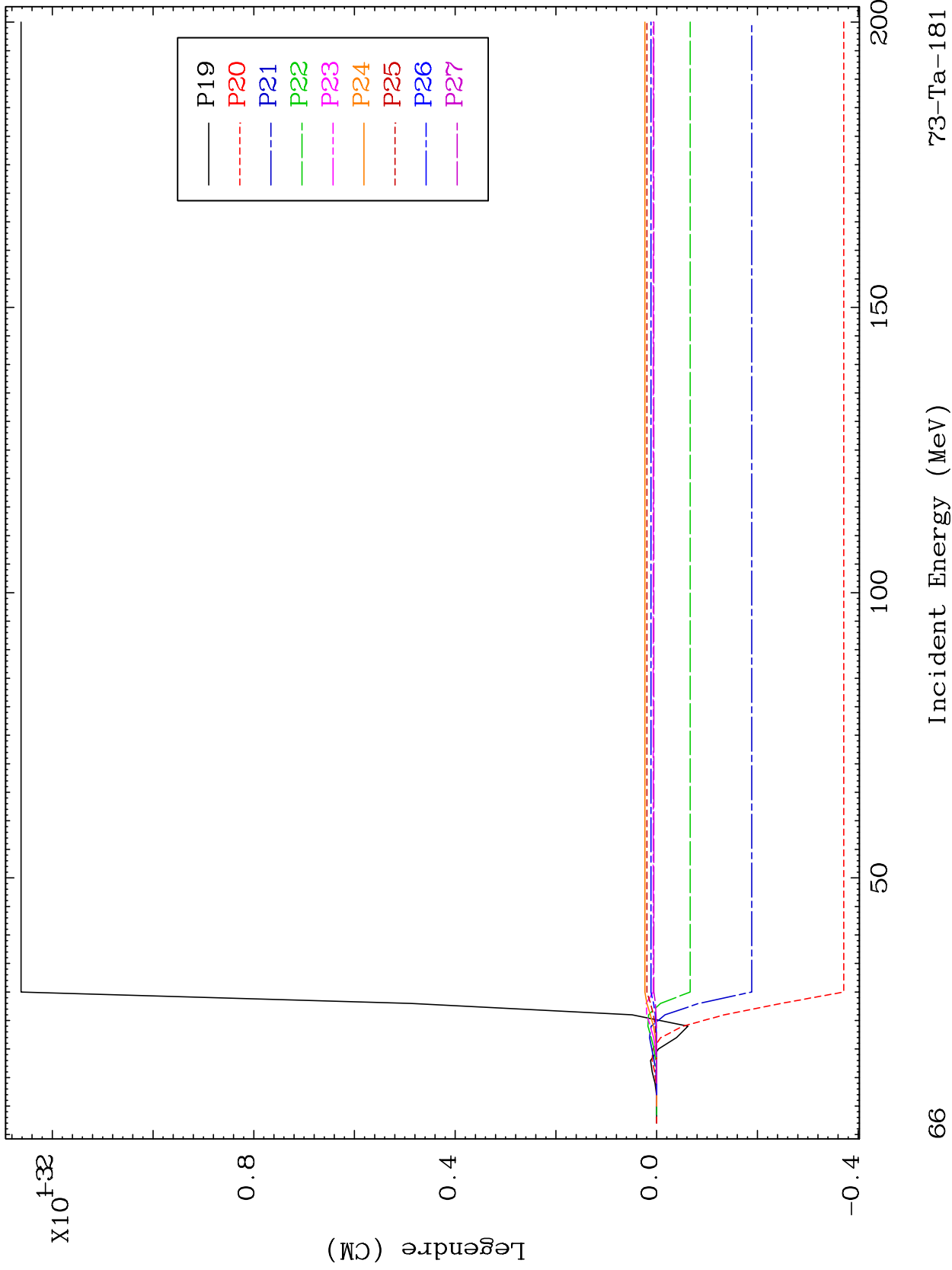
Incident Energy (MeV)

65

MAT 7328

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

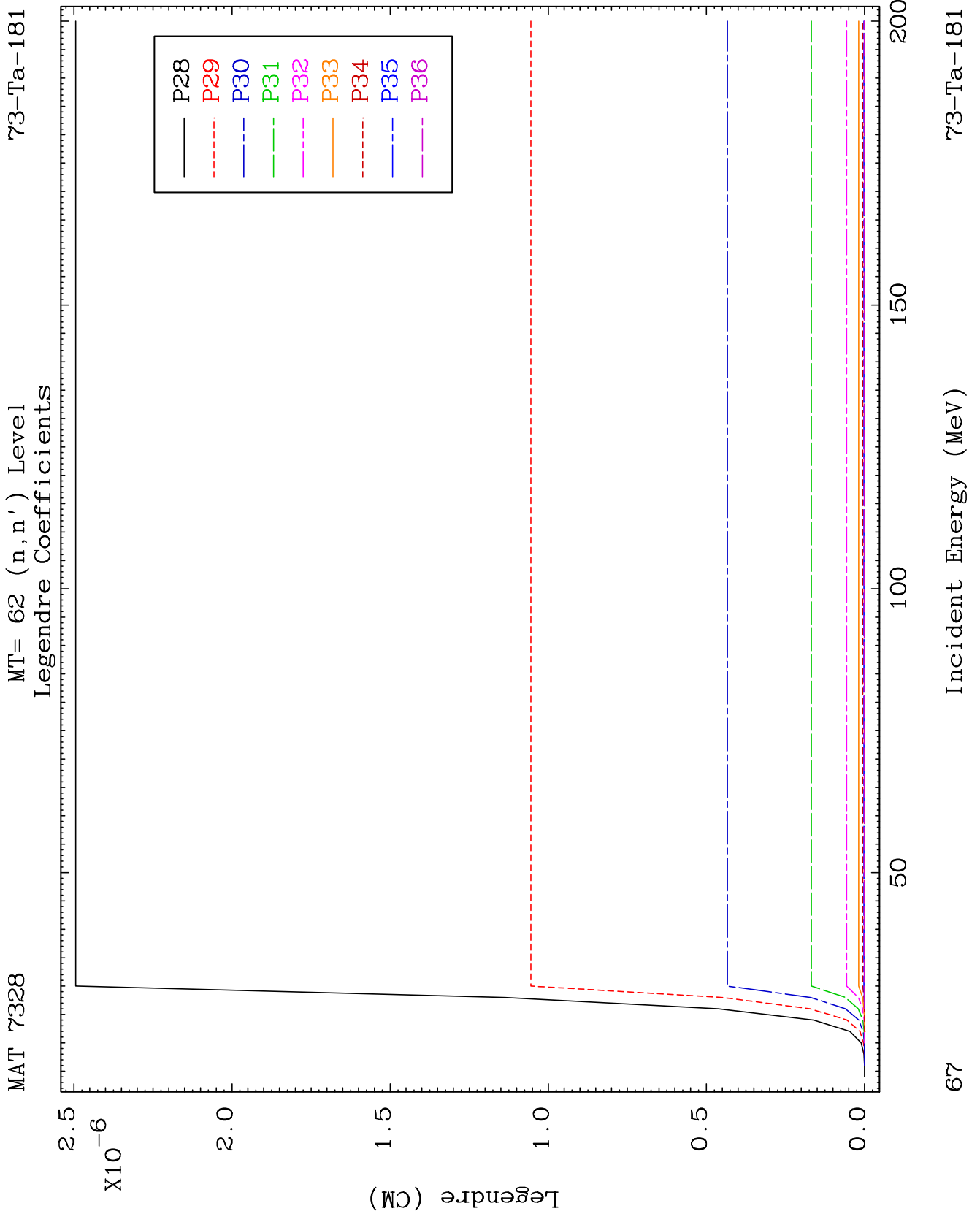
73-Ta-181



66

Incident Energy (MeV)

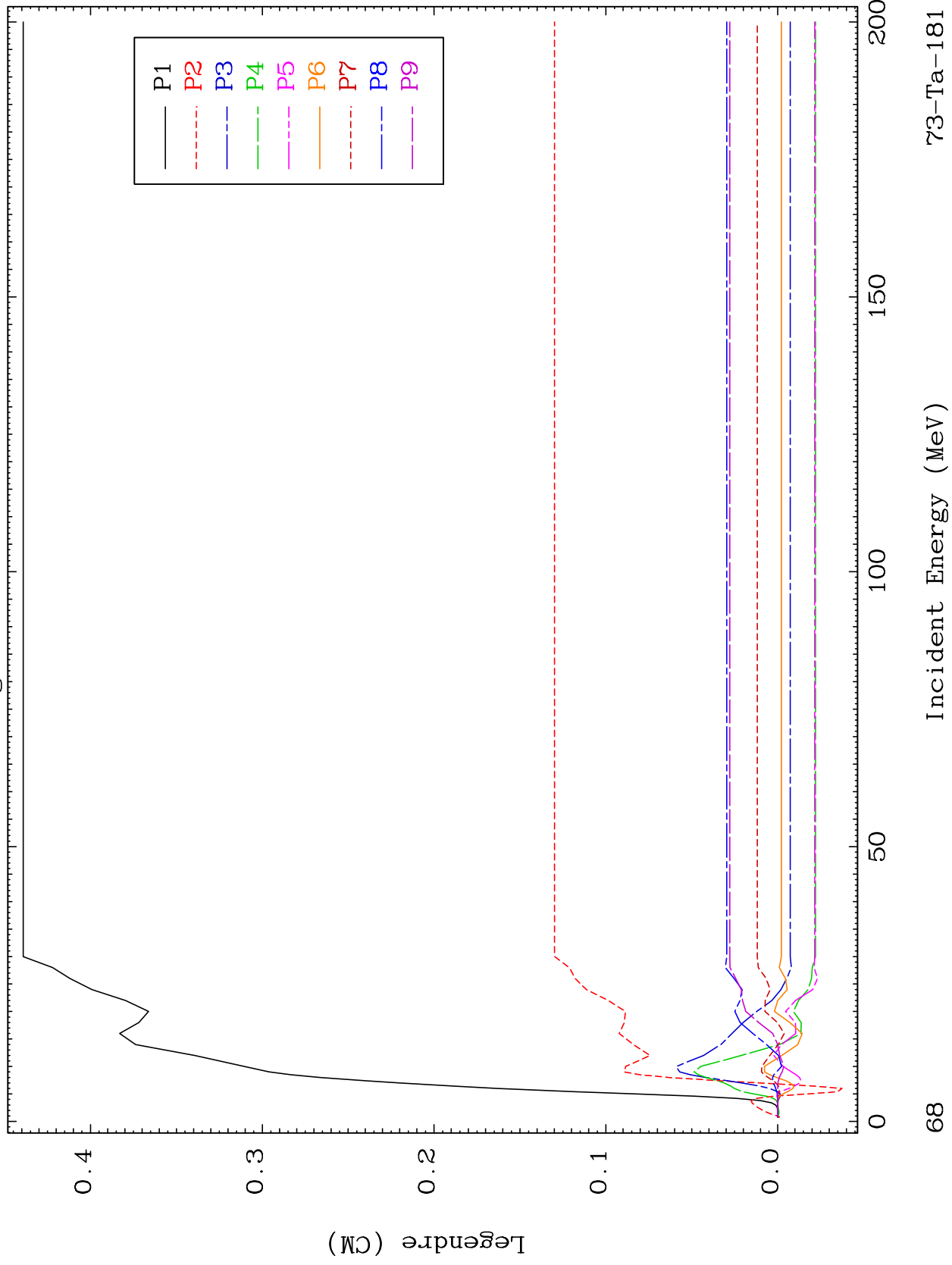
73-Ta-181



MAT 7328

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

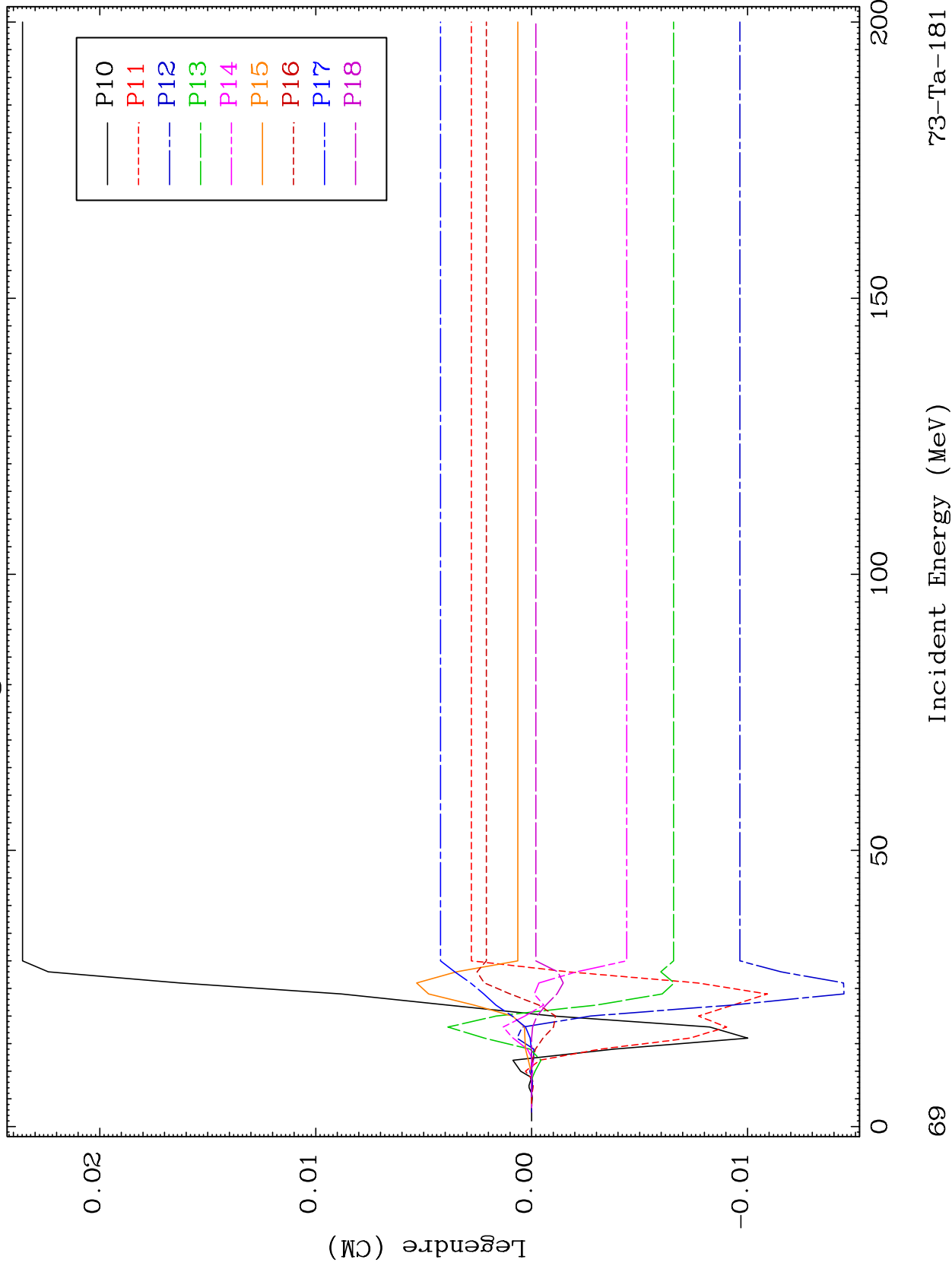
73-Ta-181



MAT 7328

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

73-Ta-181



69

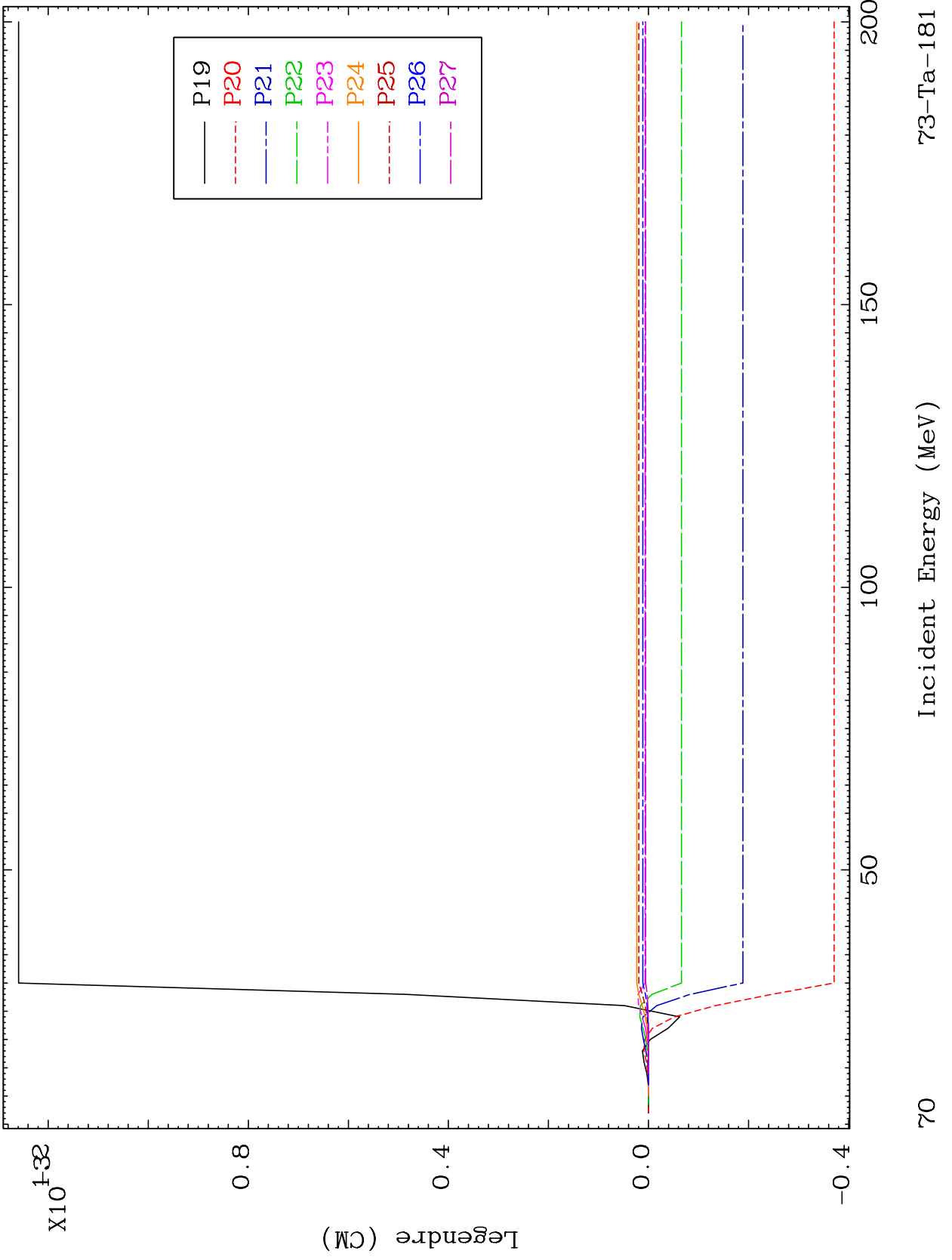
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



70

Incident Energy (MeV)

73-Ta-181

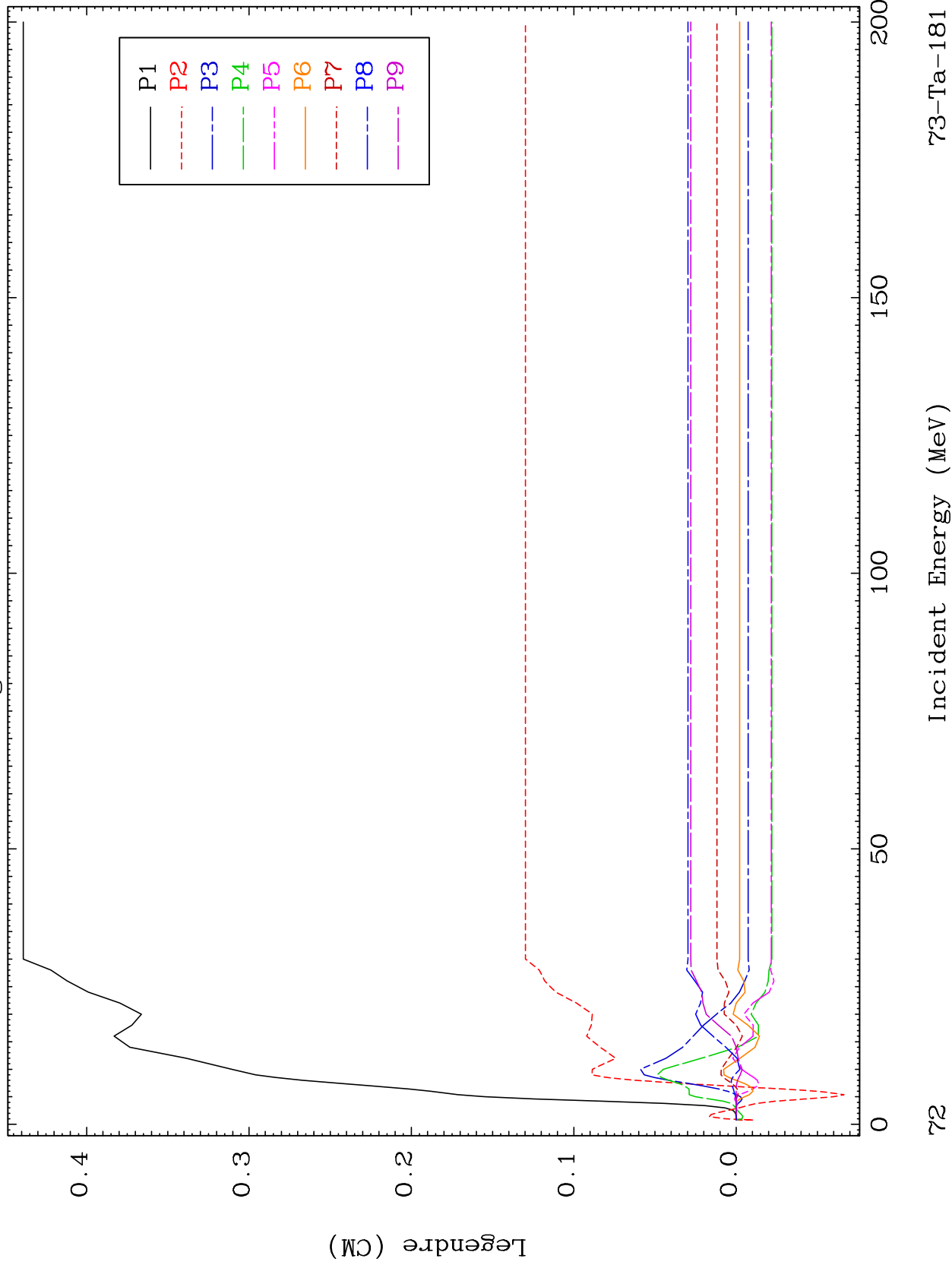




MAT 7328

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

73-Ta-181



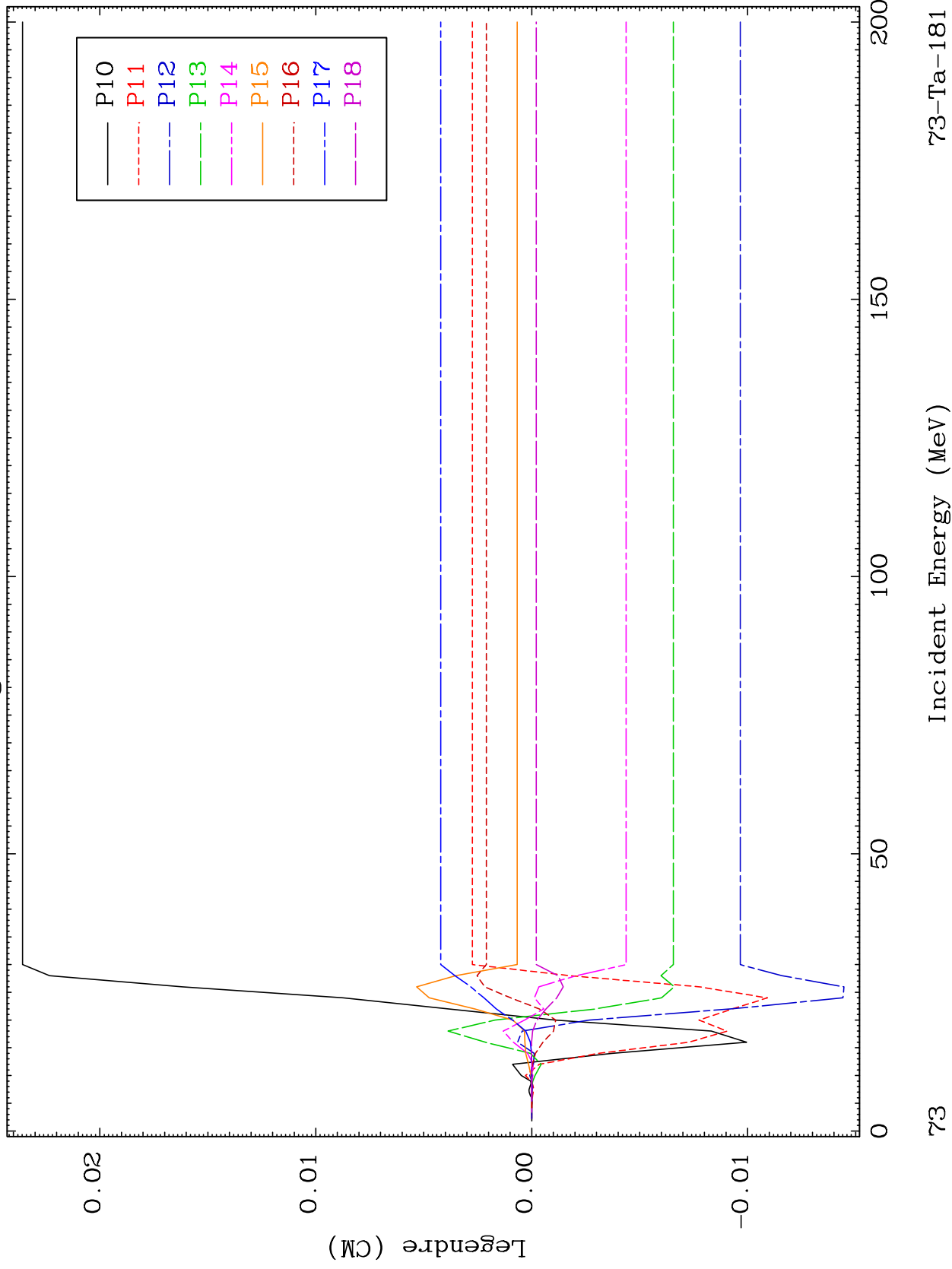
72

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

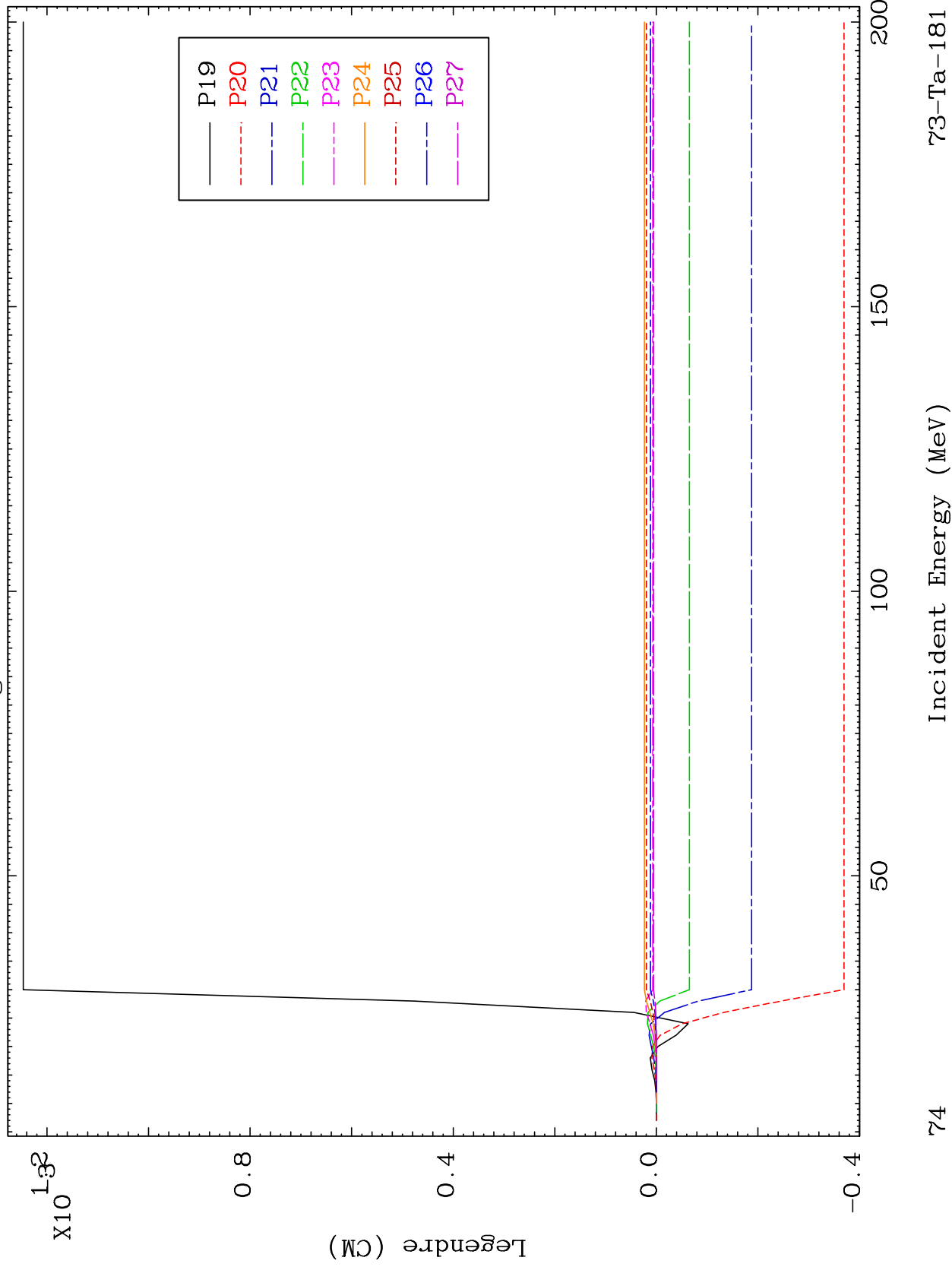
Incident Energy (MeV)

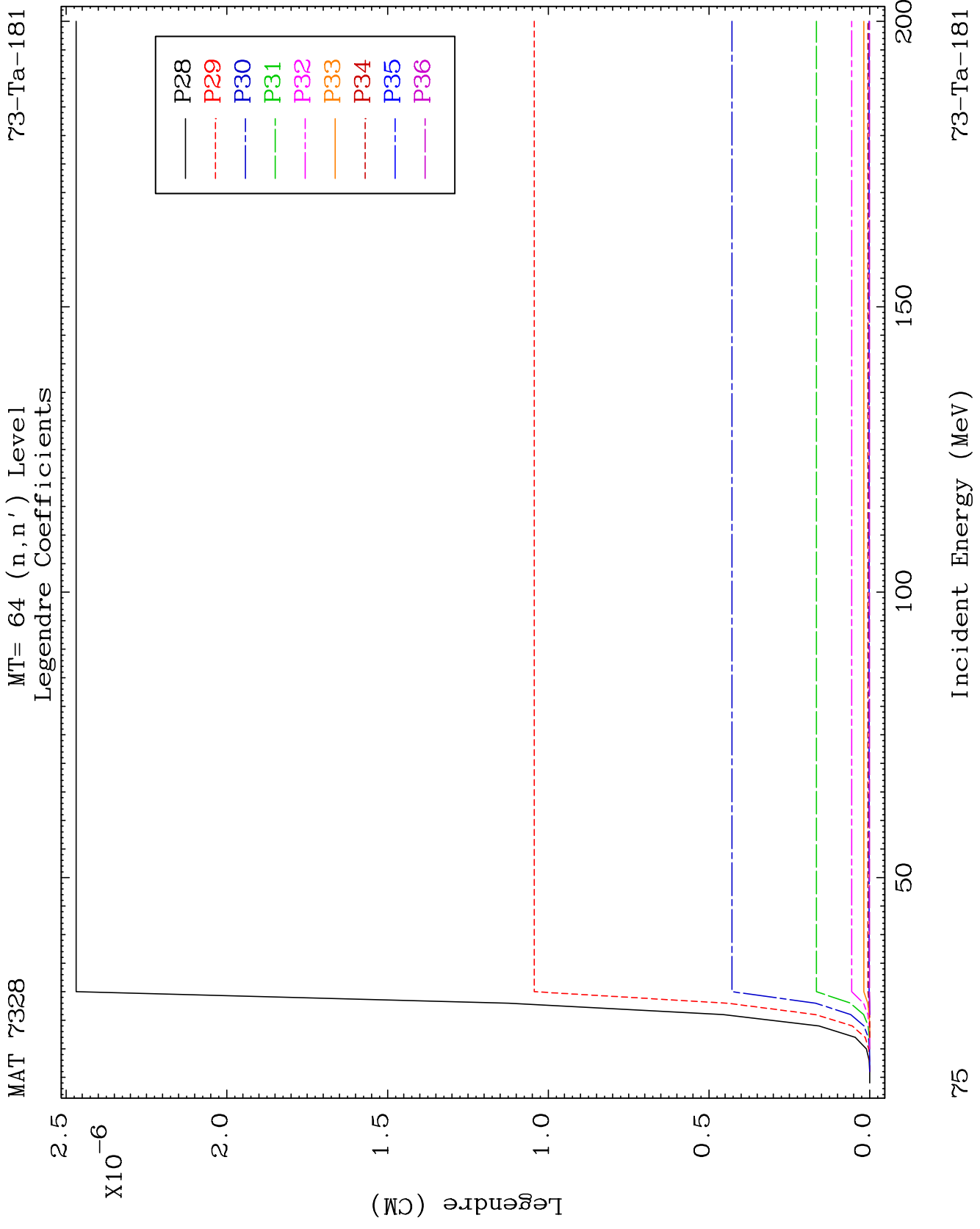
73

MAT 7328

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

73-Ta-181

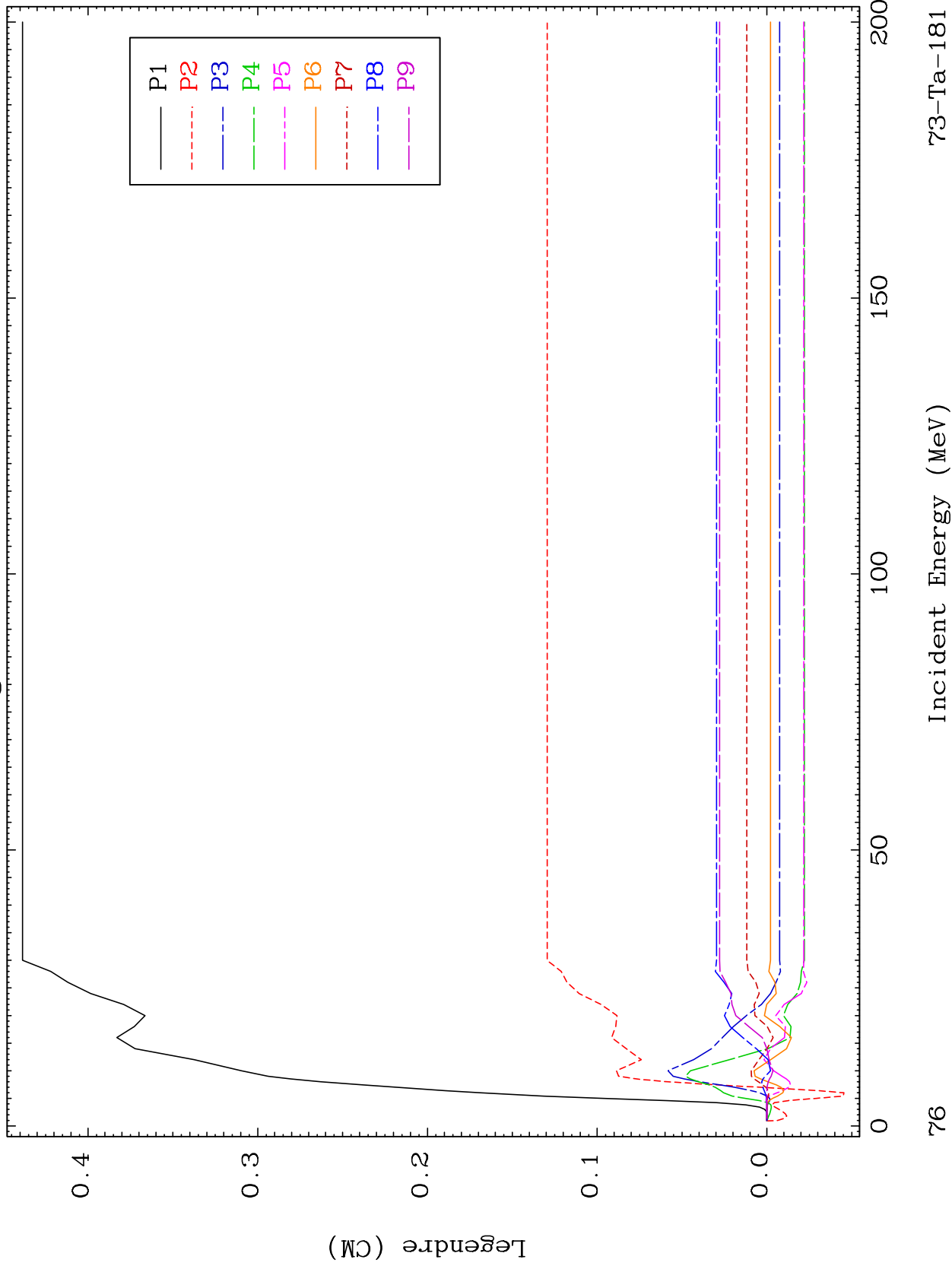




MAT 7328

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

73-Ta-181



76

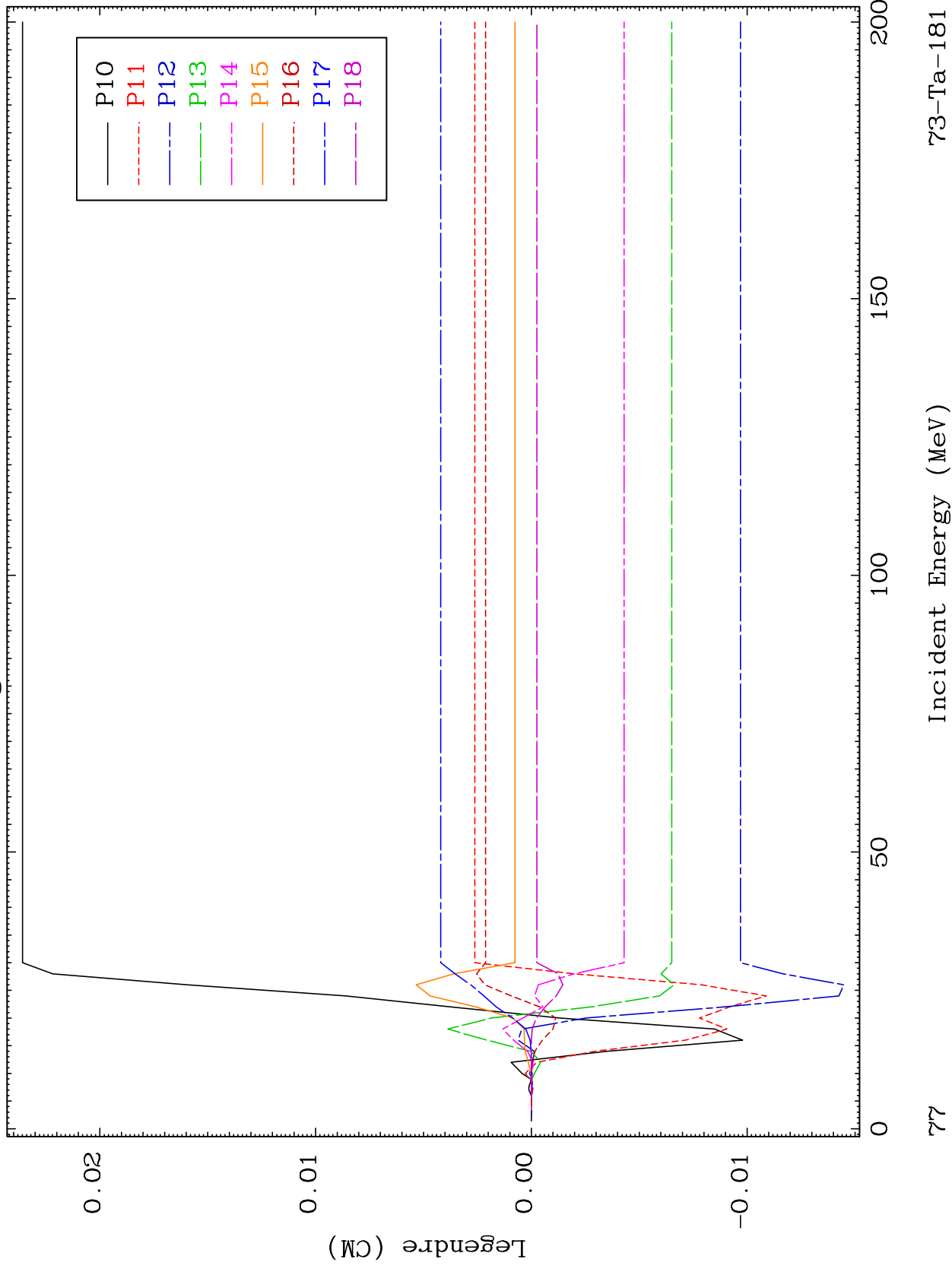
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

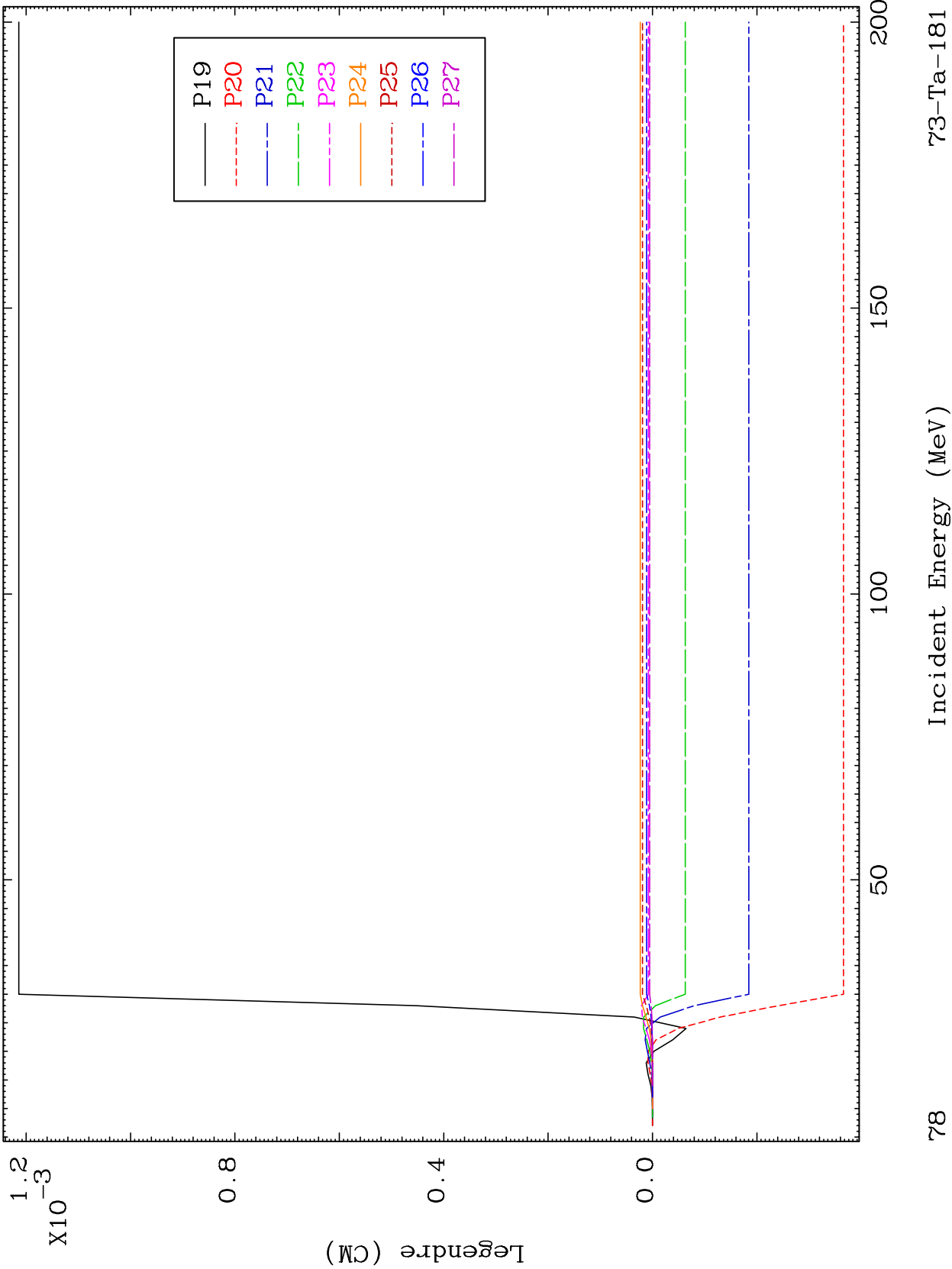
Incident Energy (MeV)

77

MAT 7328

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

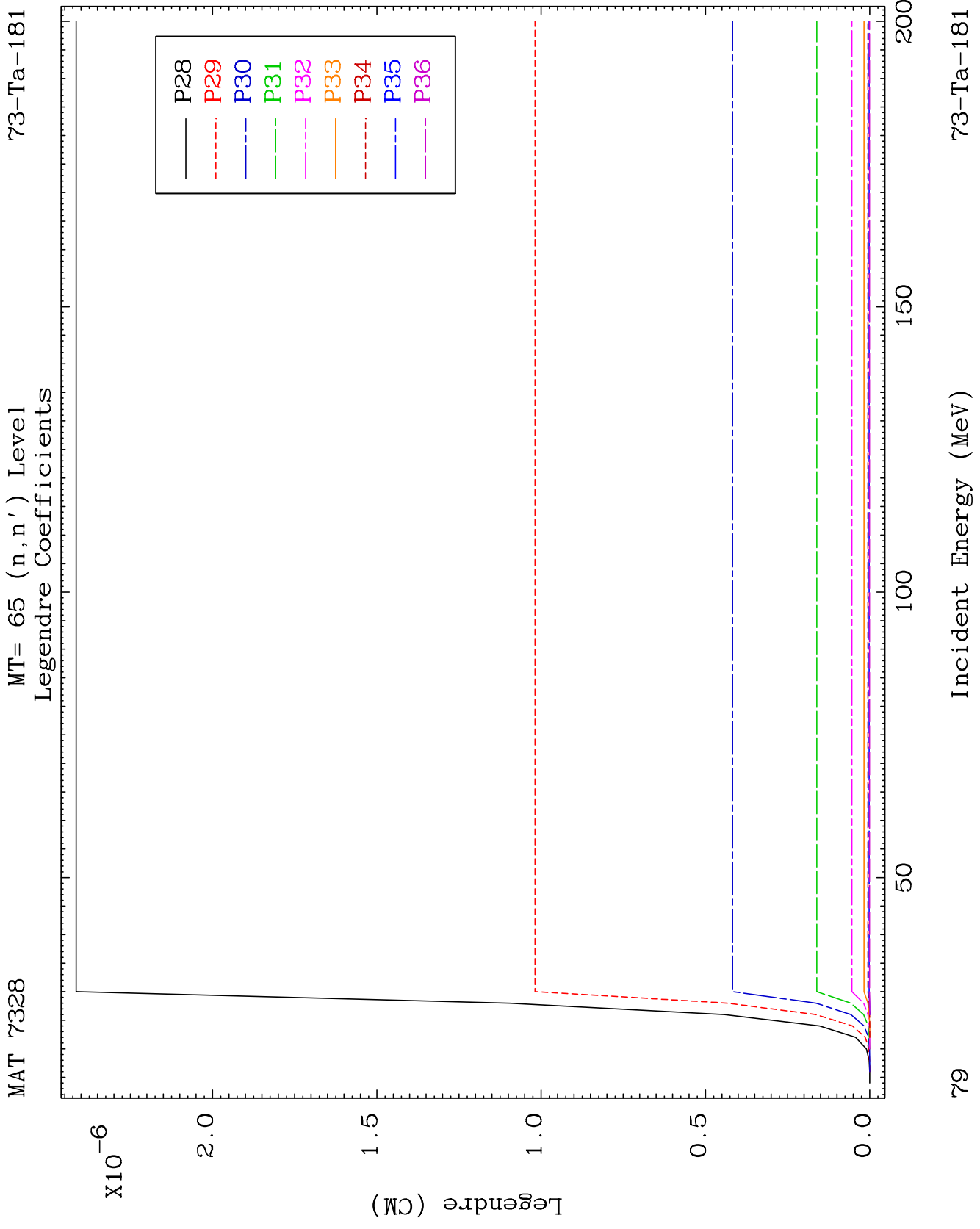
73-Ta-181



78

Incident Energy (MeV)

73-Ta-181

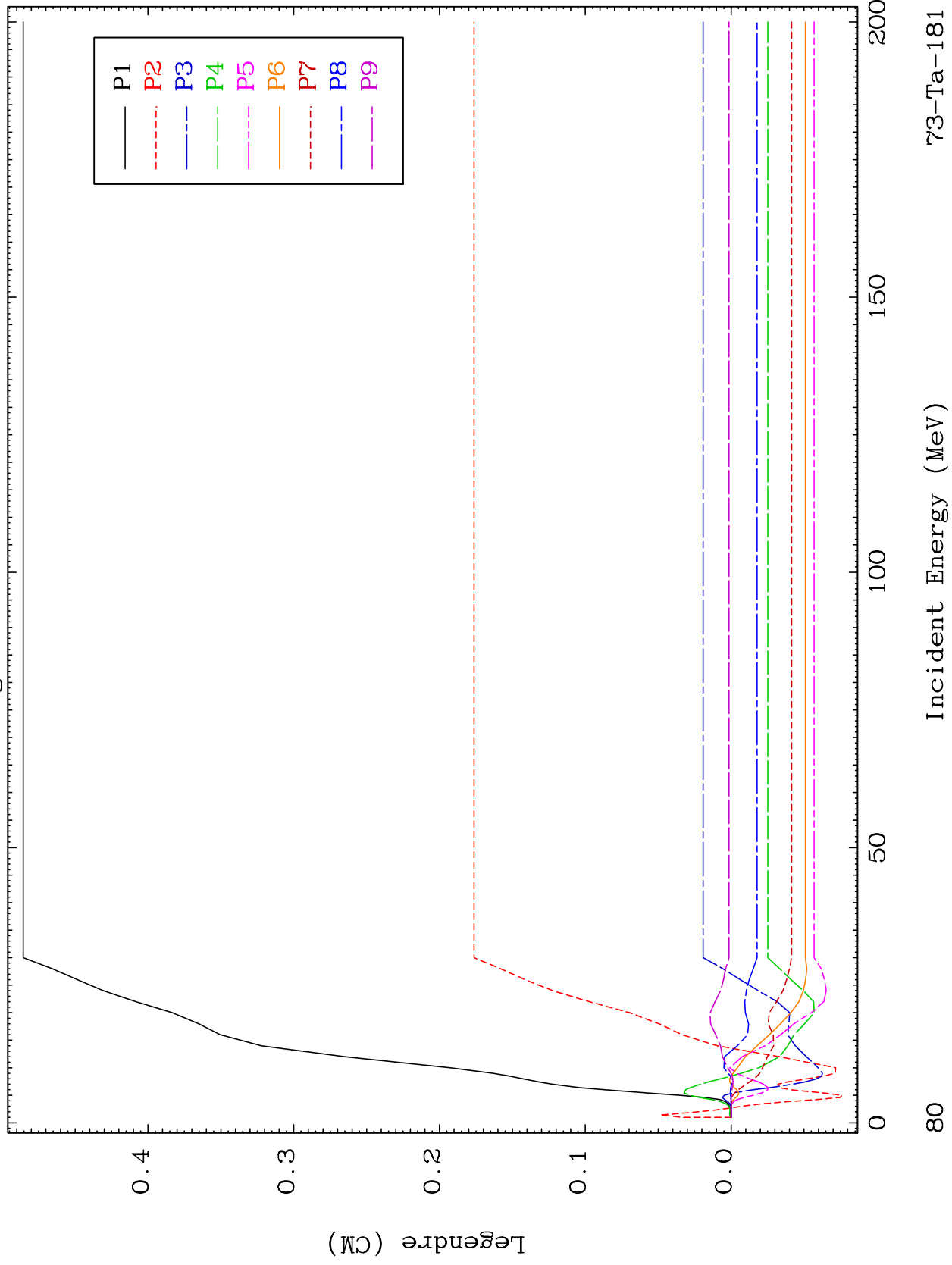




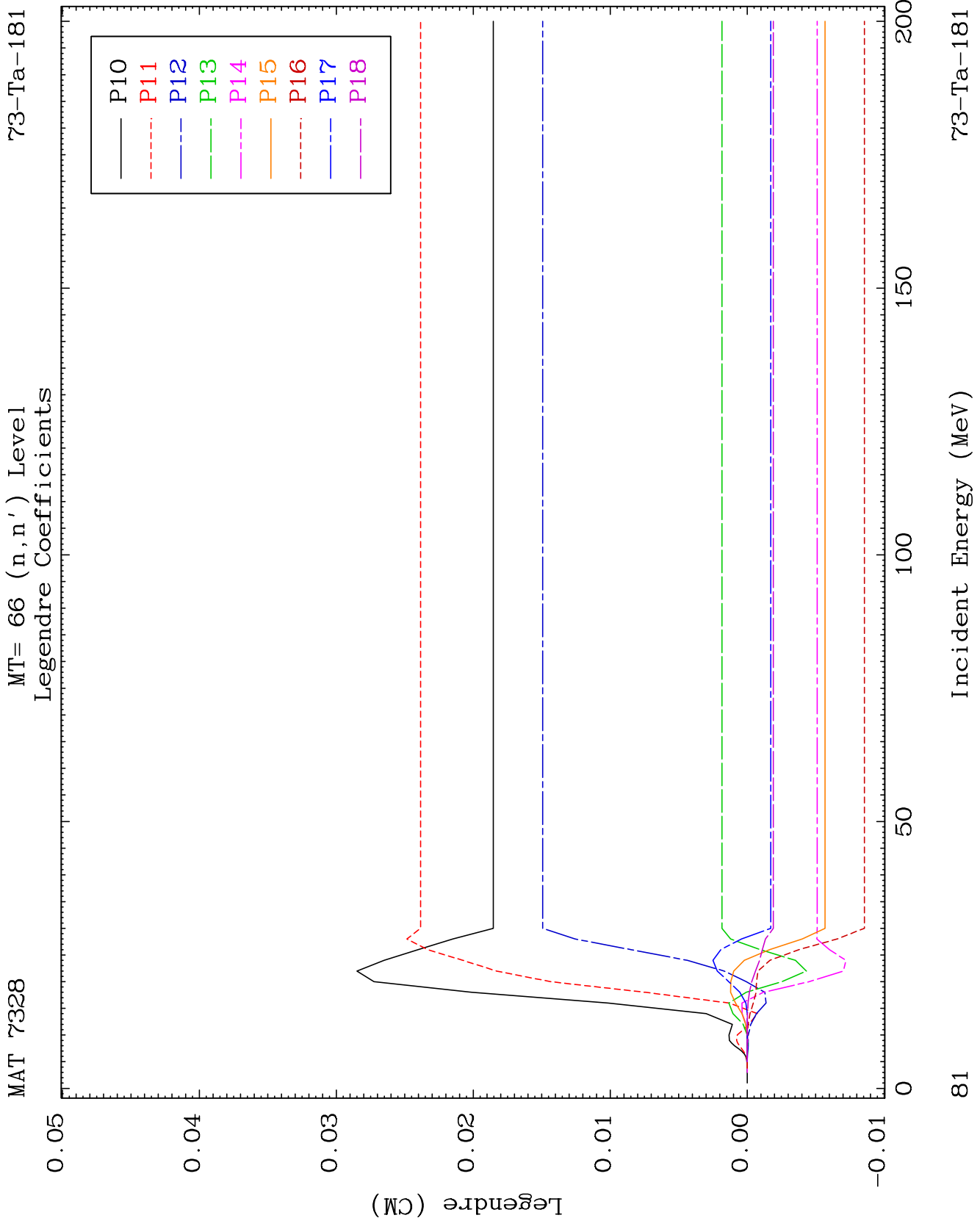
MAT 7328

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

73-Ta-181



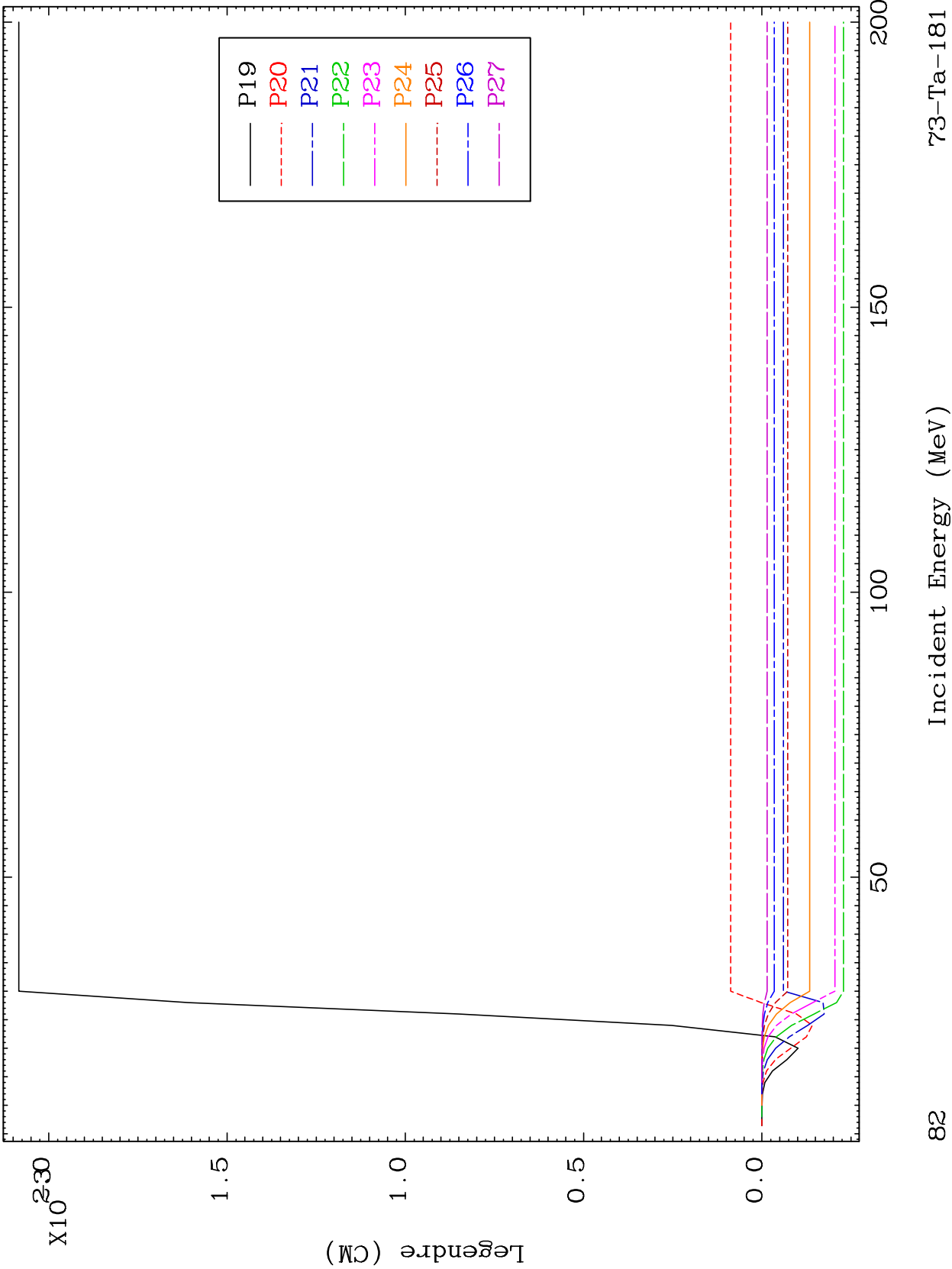
73-Ta-181



MAT 7328

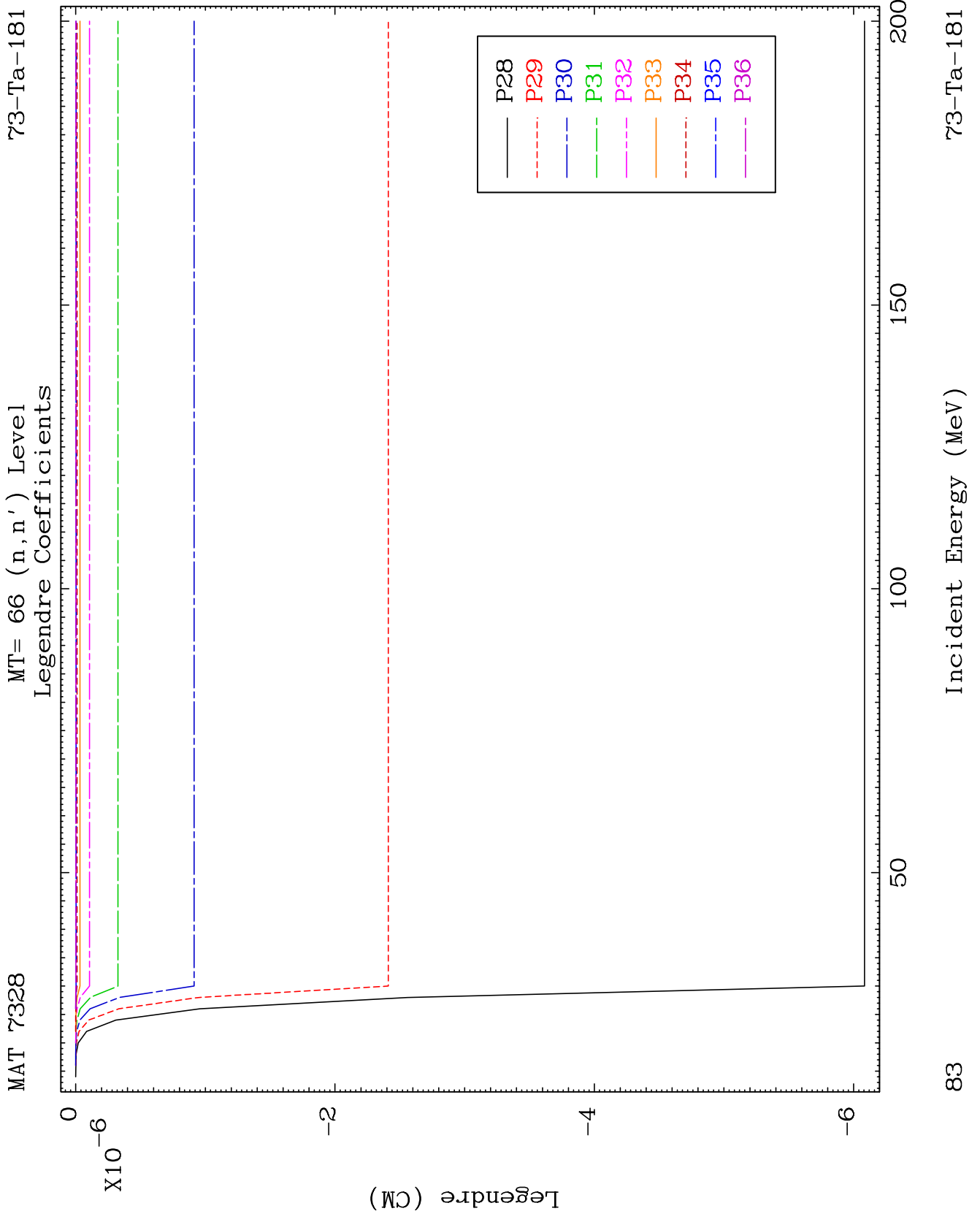
MT= 66 (n,n') Level  
Legendre Coefficients

73-Ta-181

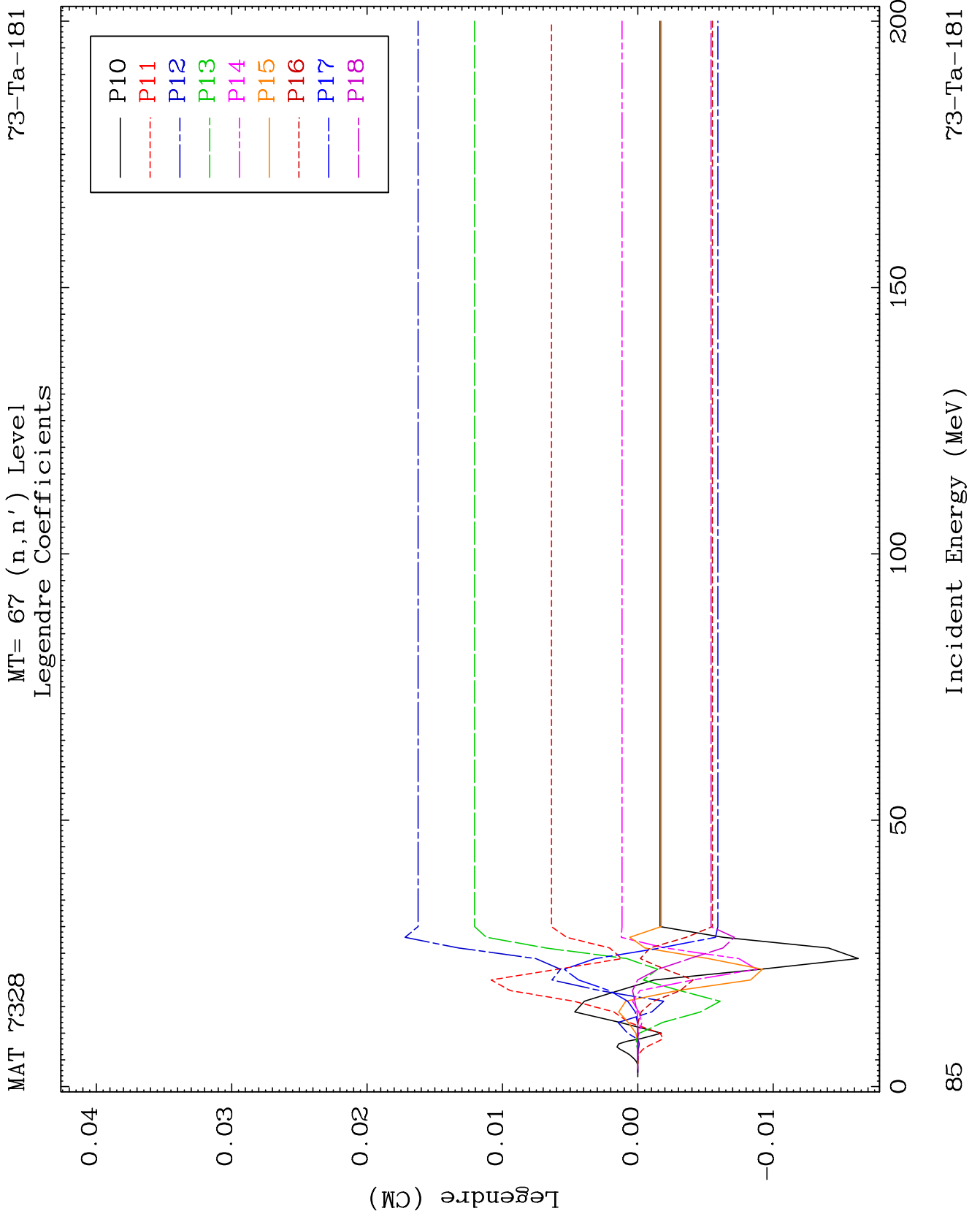


82

73-Ta-181



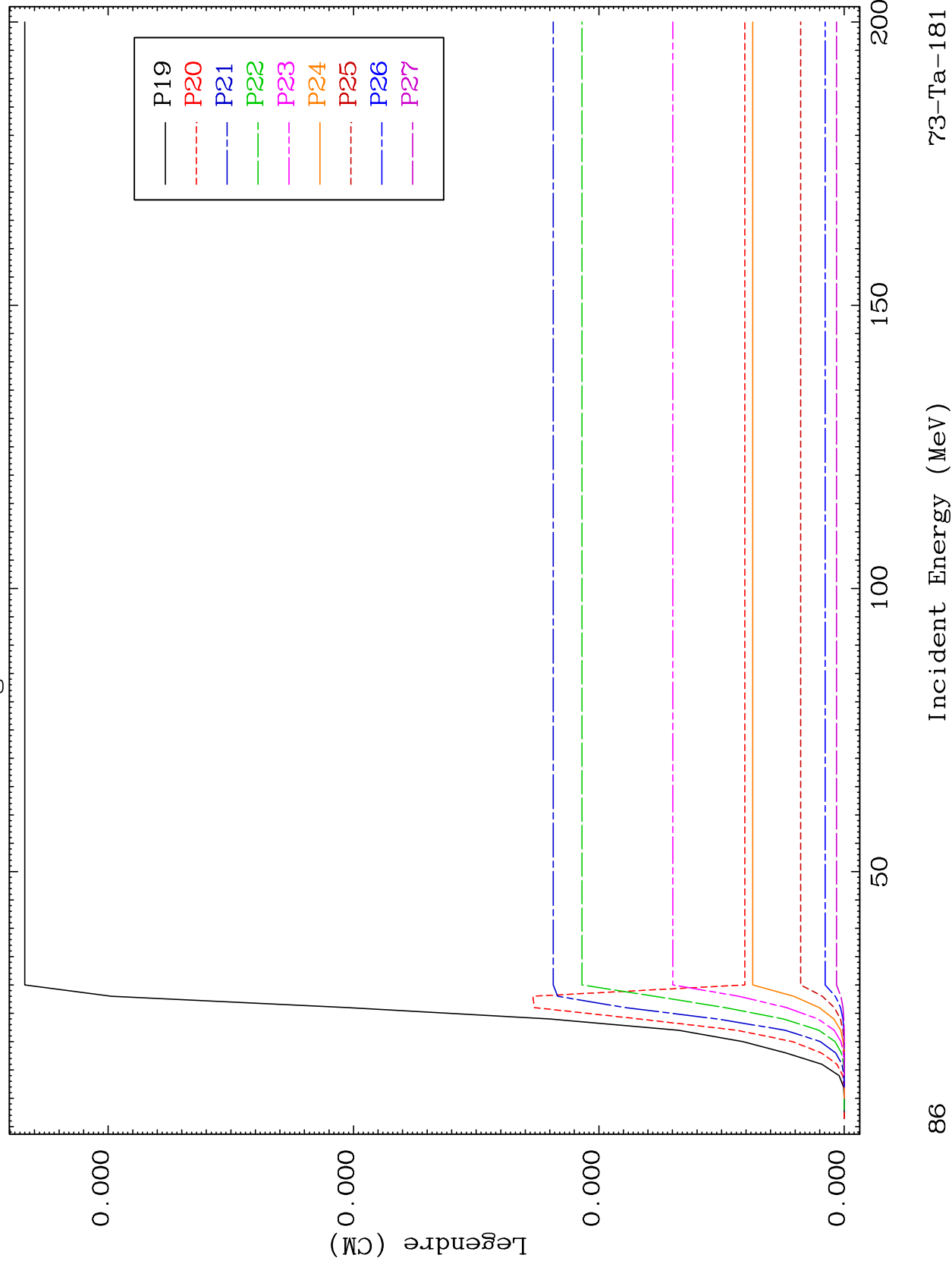




MAT 7328

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

73-Ta-181



86

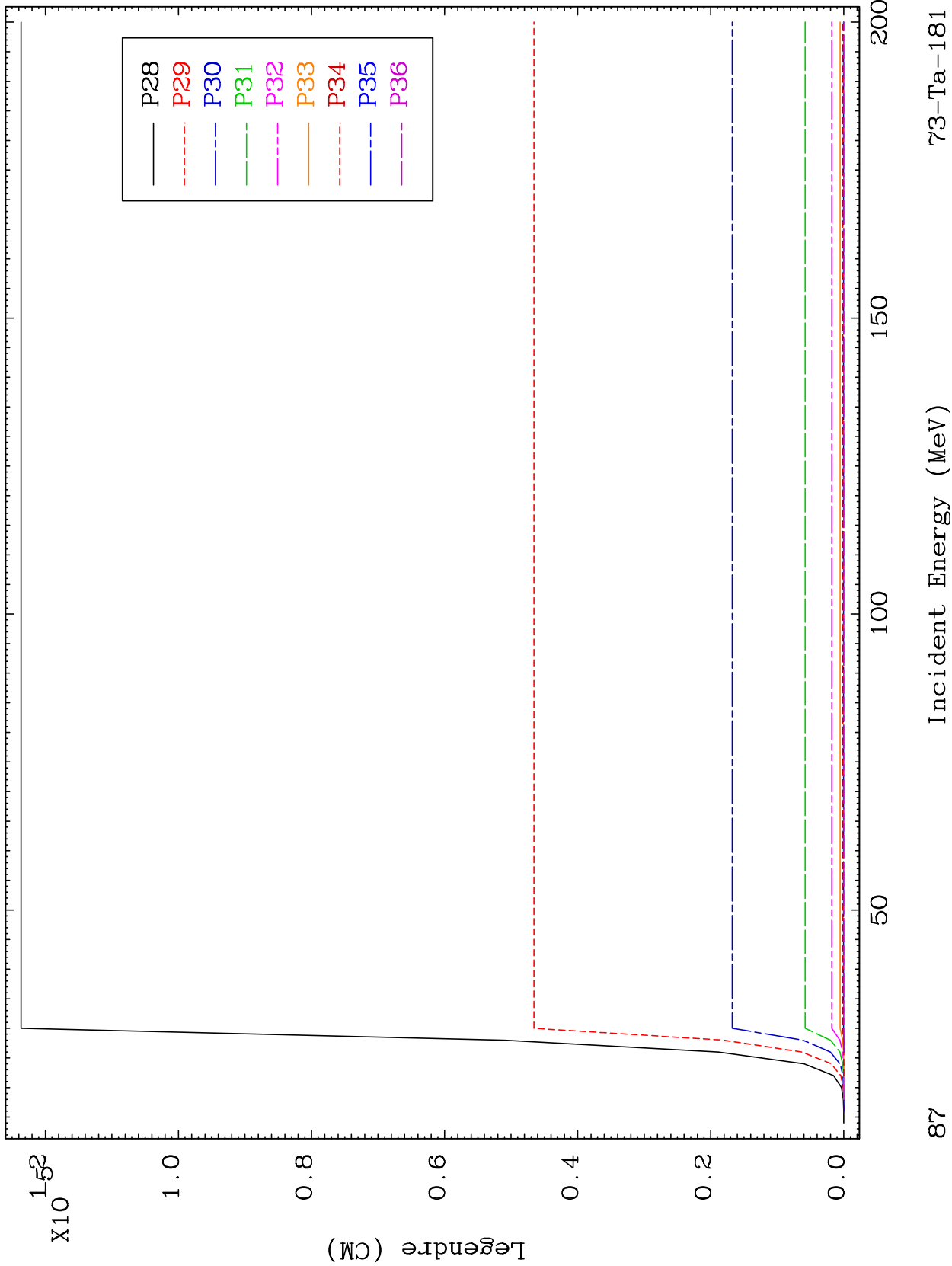
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



87

Incident Energy (MeV)

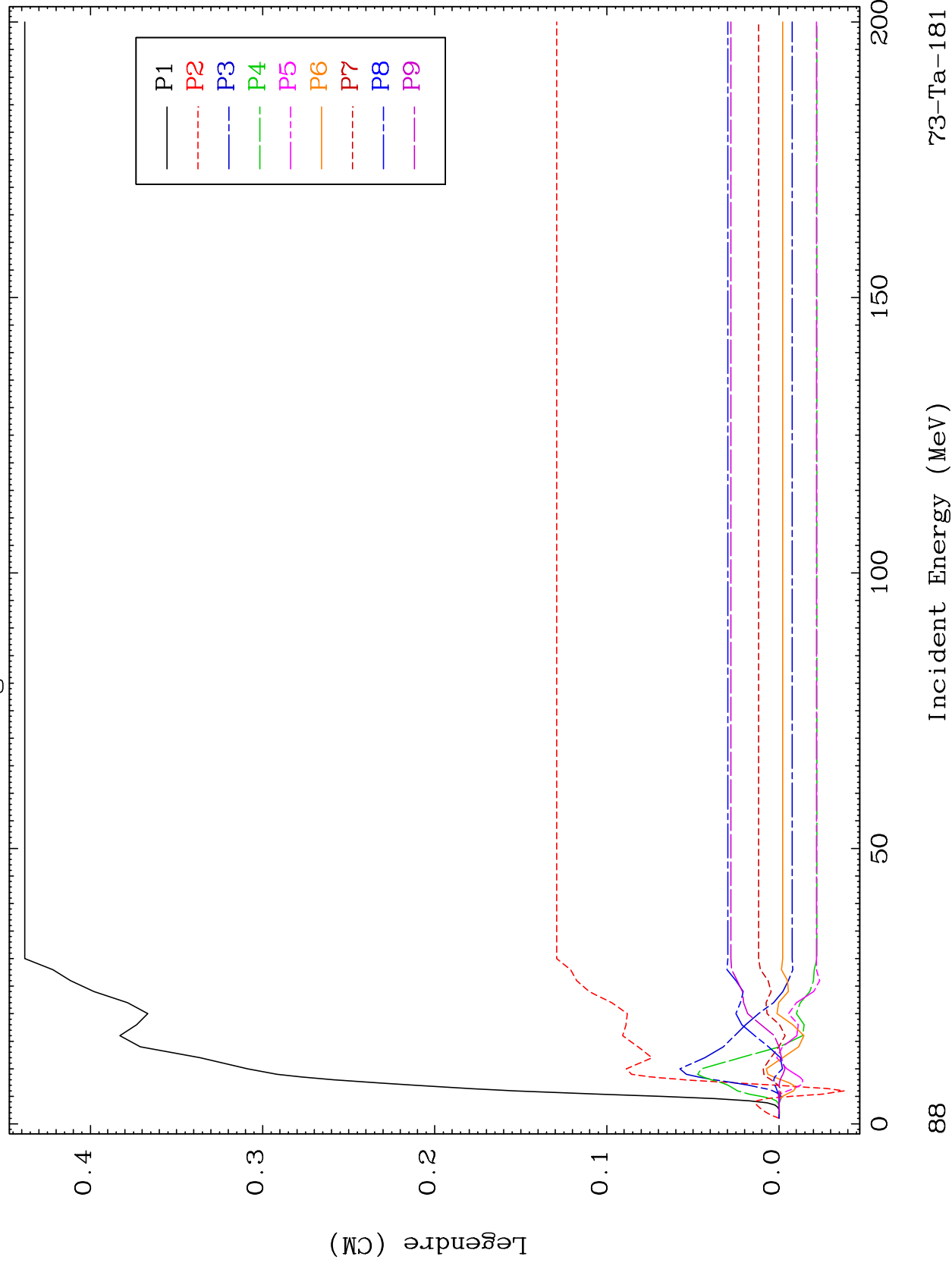
73-Ta-181



MAT 7328

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

73-Ta-181



88

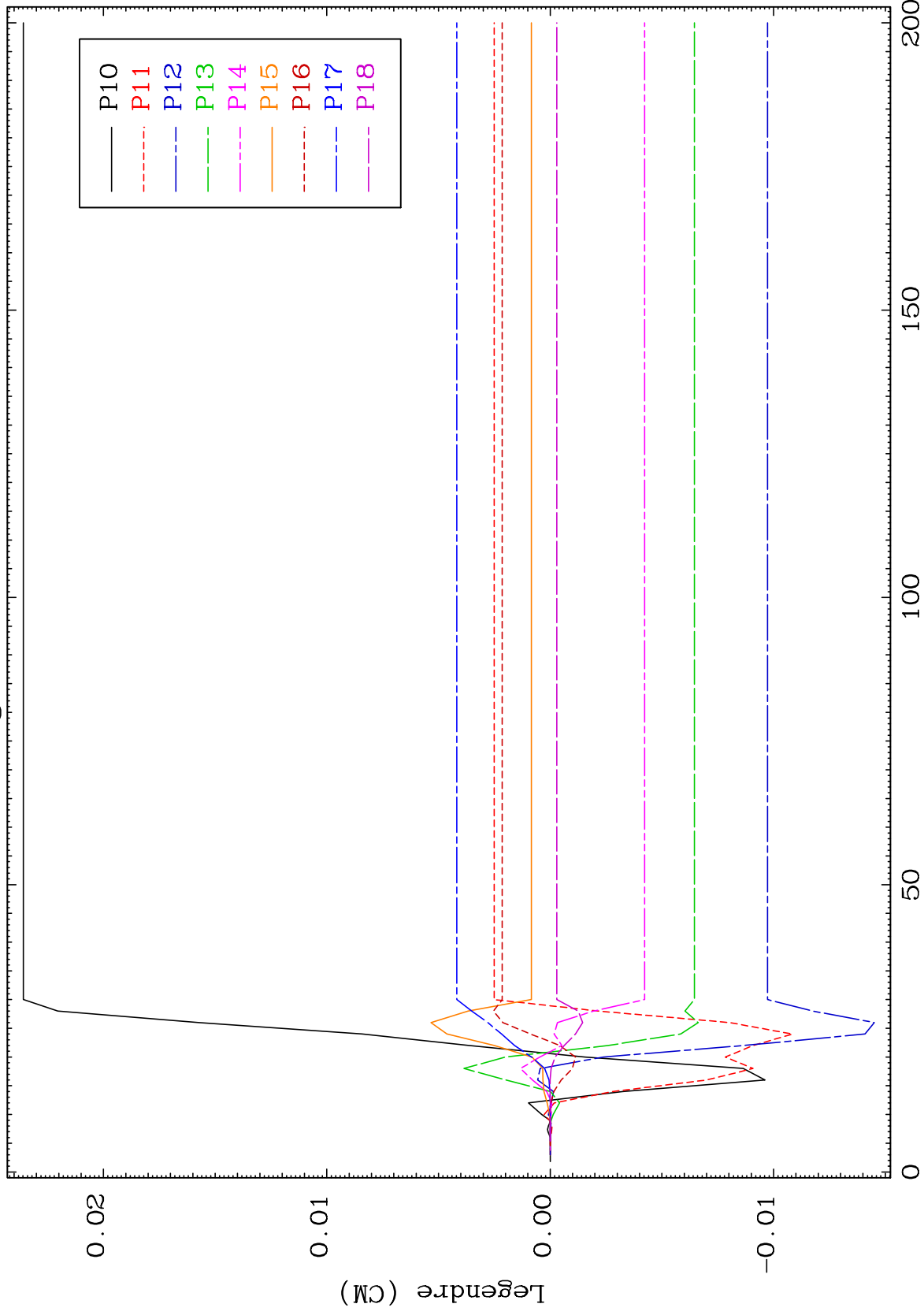
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181

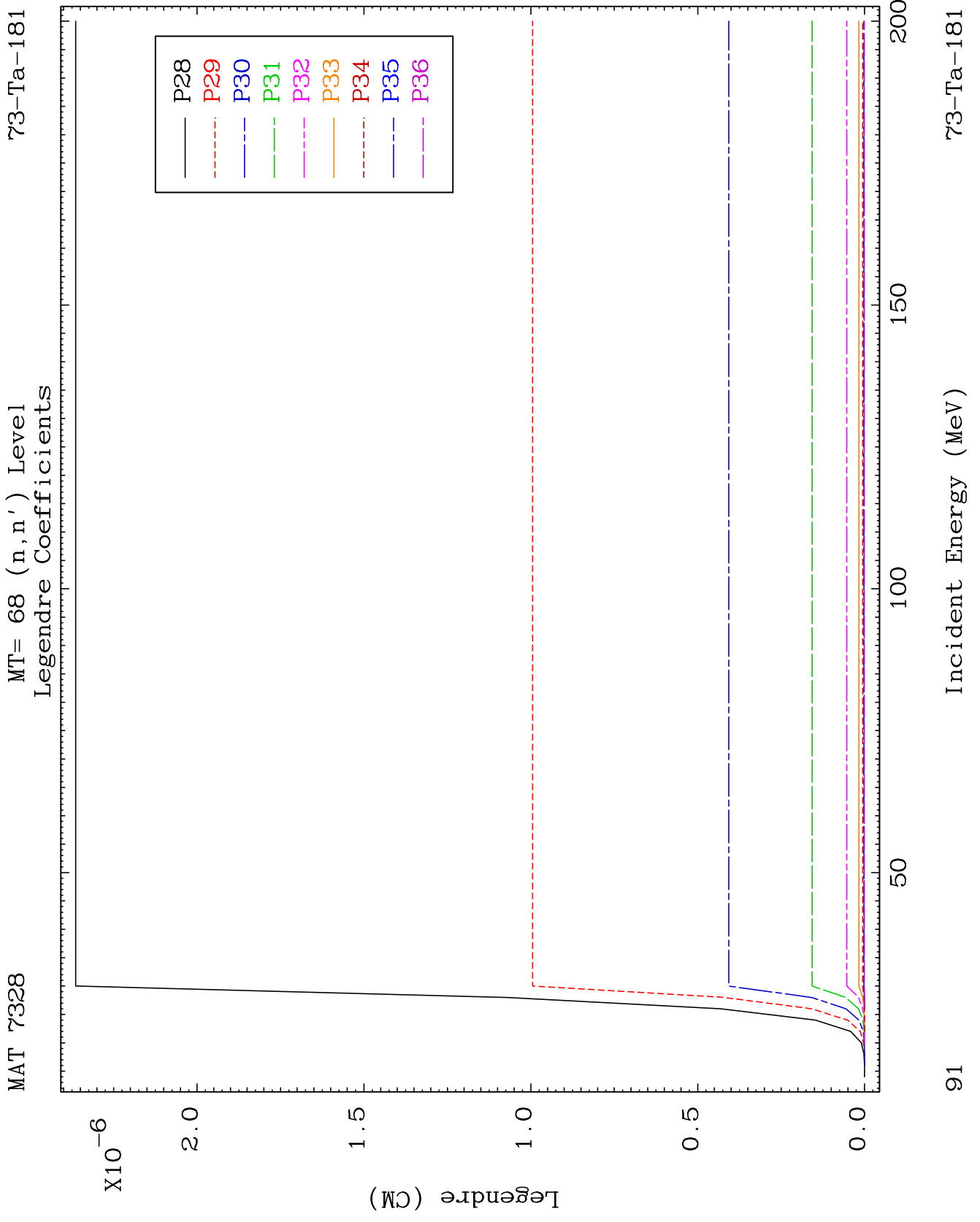


89

Incident Energy (MeV)

73-Ta-181



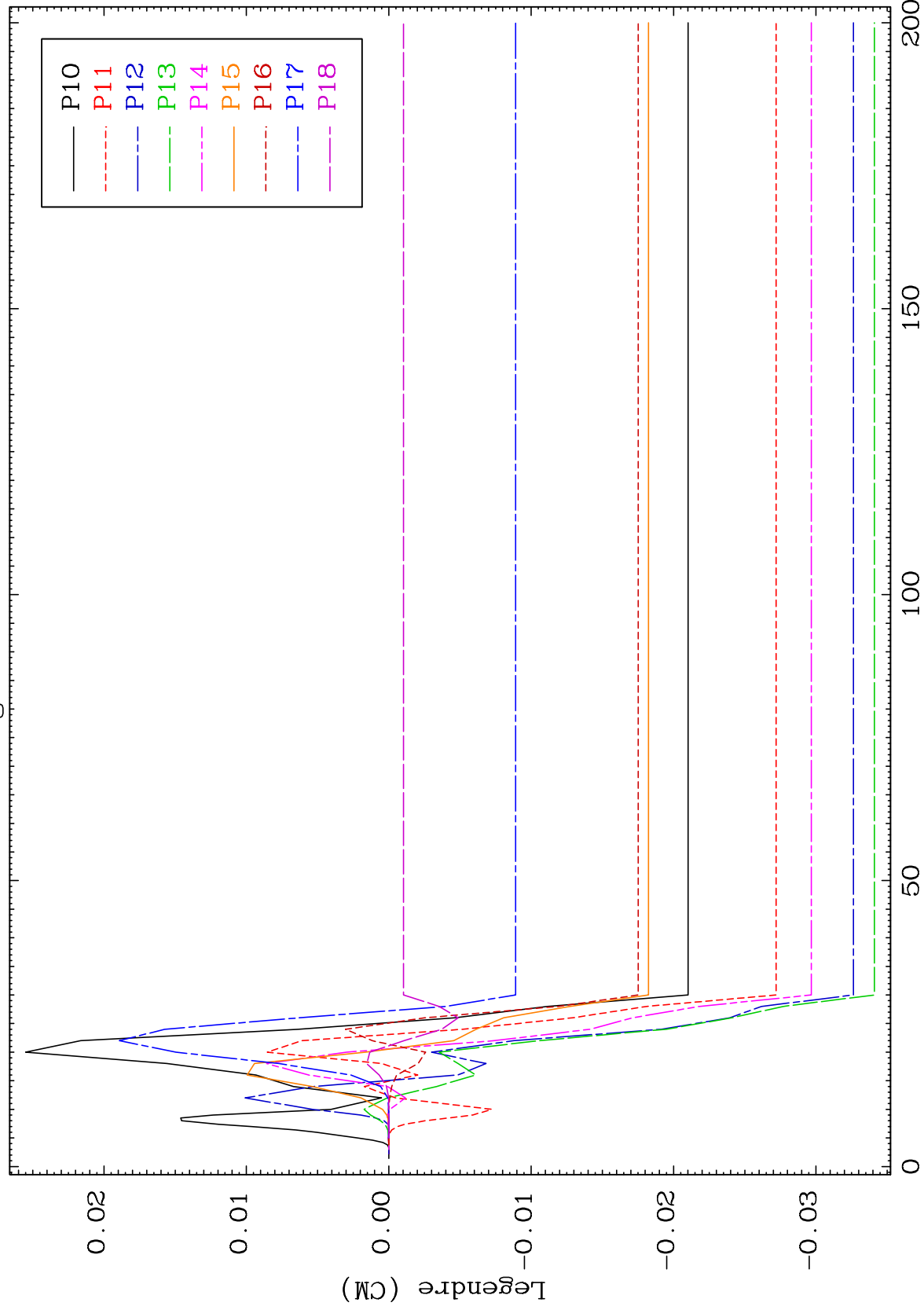




MAT 7328

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

73-Ta-181



93

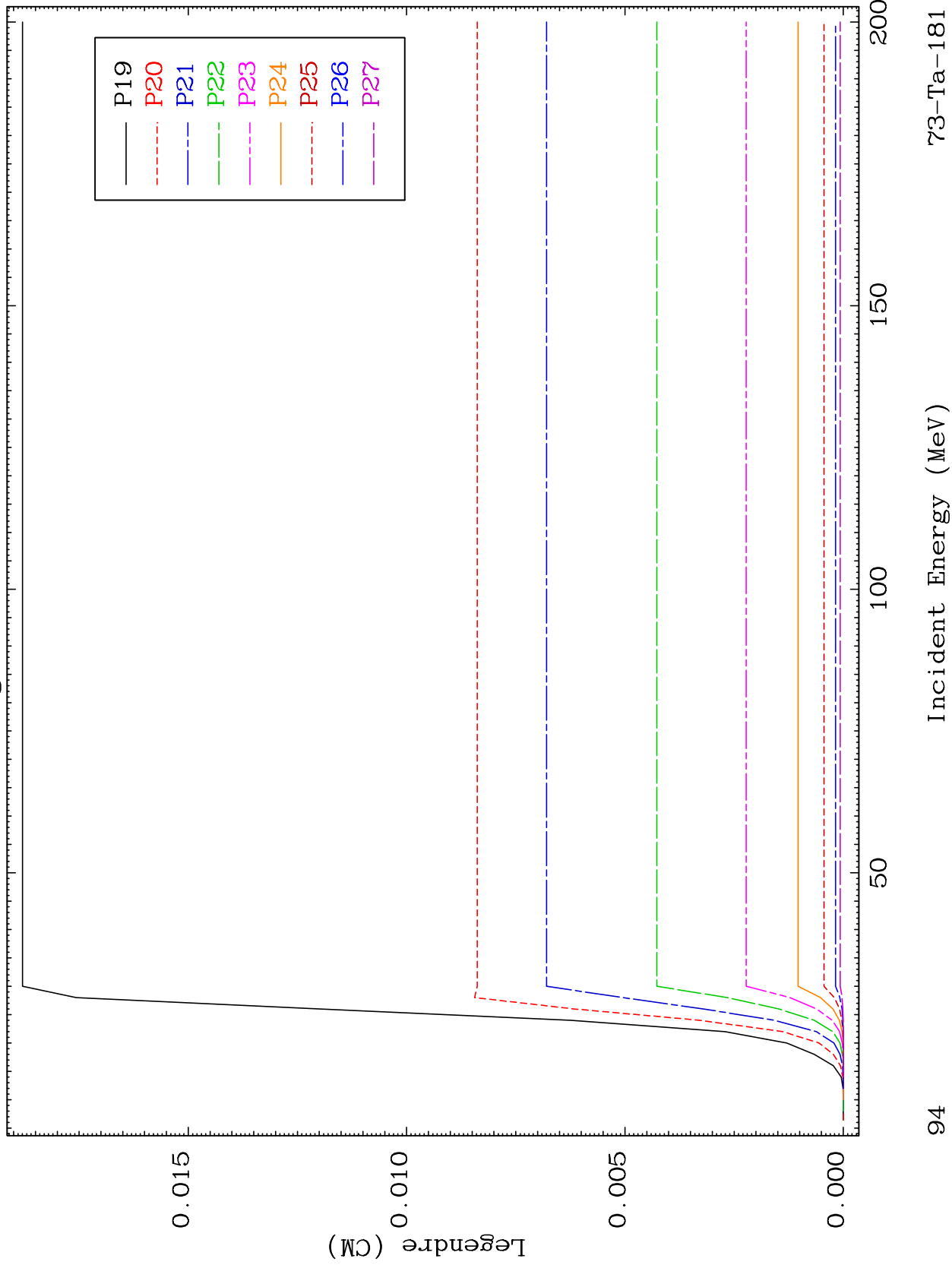
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



94

73-Ta-181

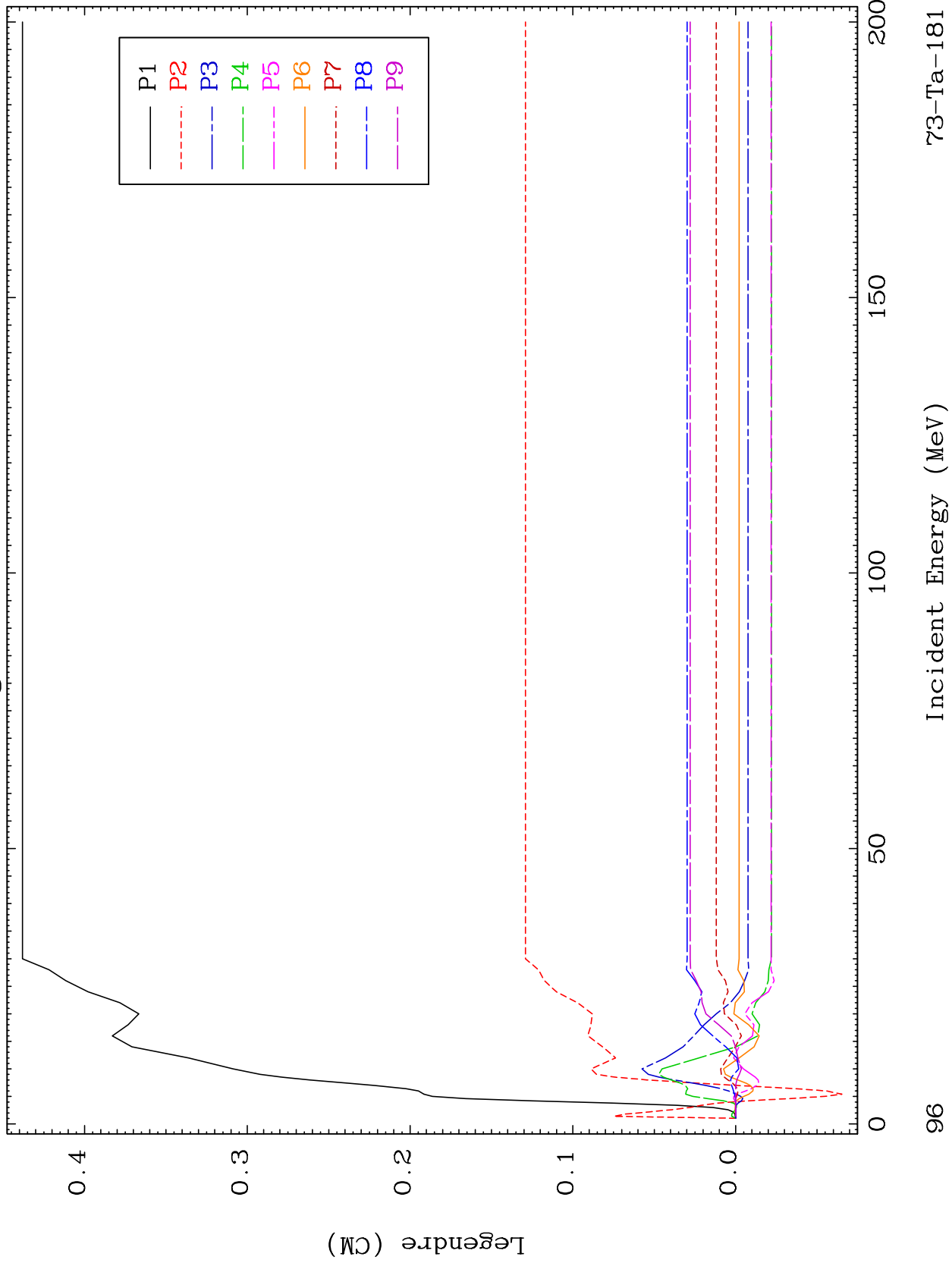




MAT 7328

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

73-Ta-181



73-Ta-181

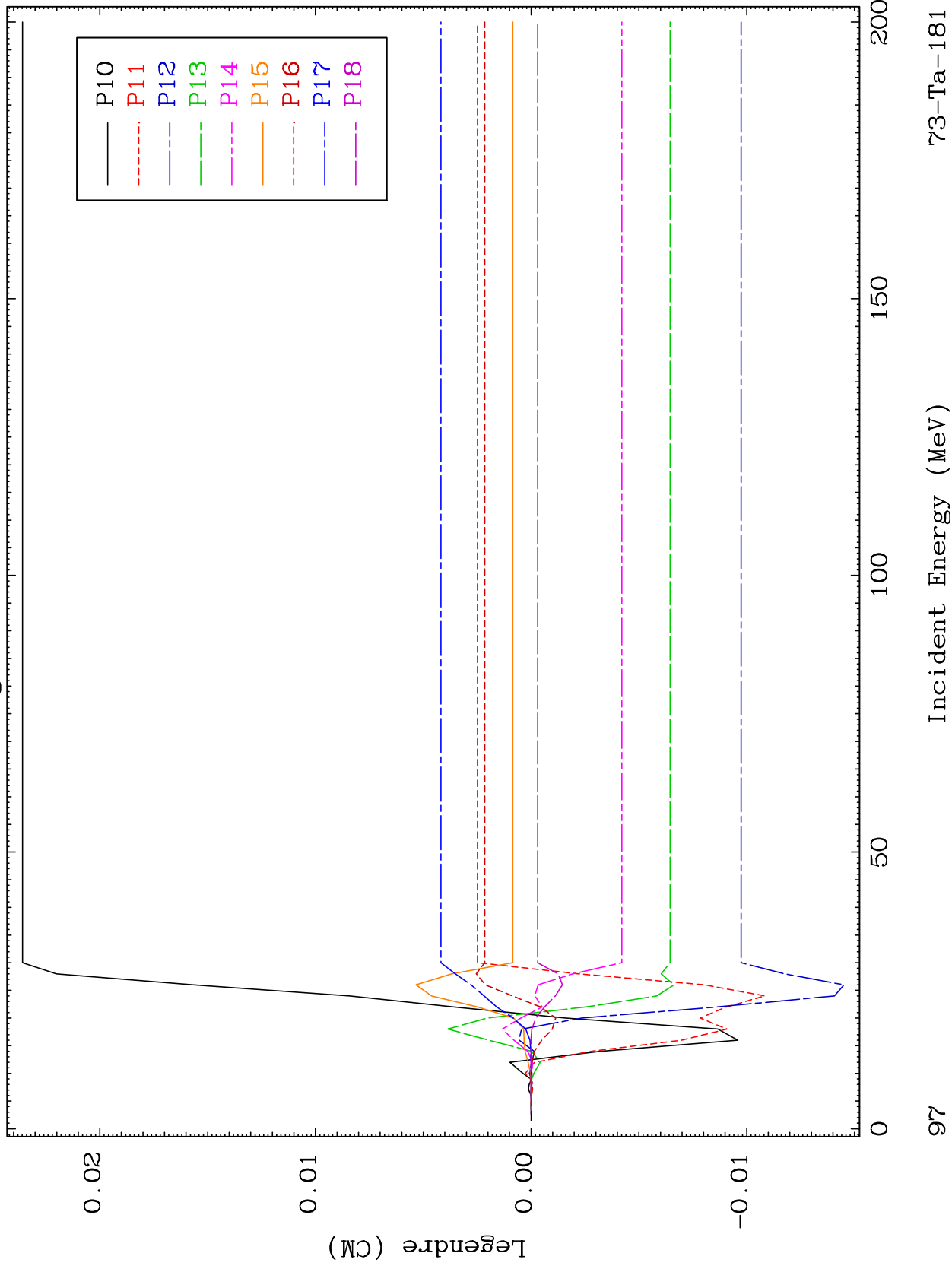
Incident Energy (MeV)

96

MAT 7328

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

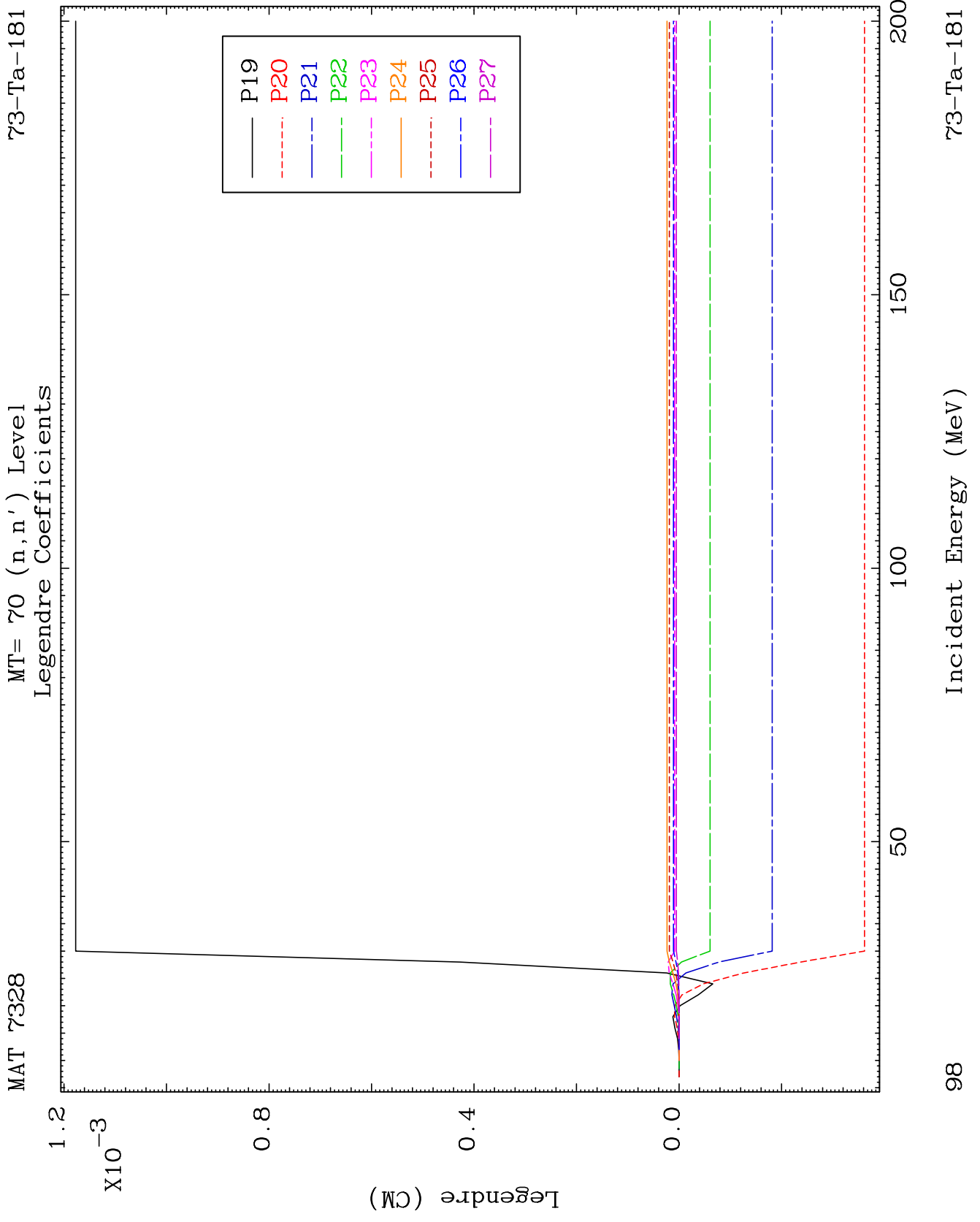
73-Ta-181

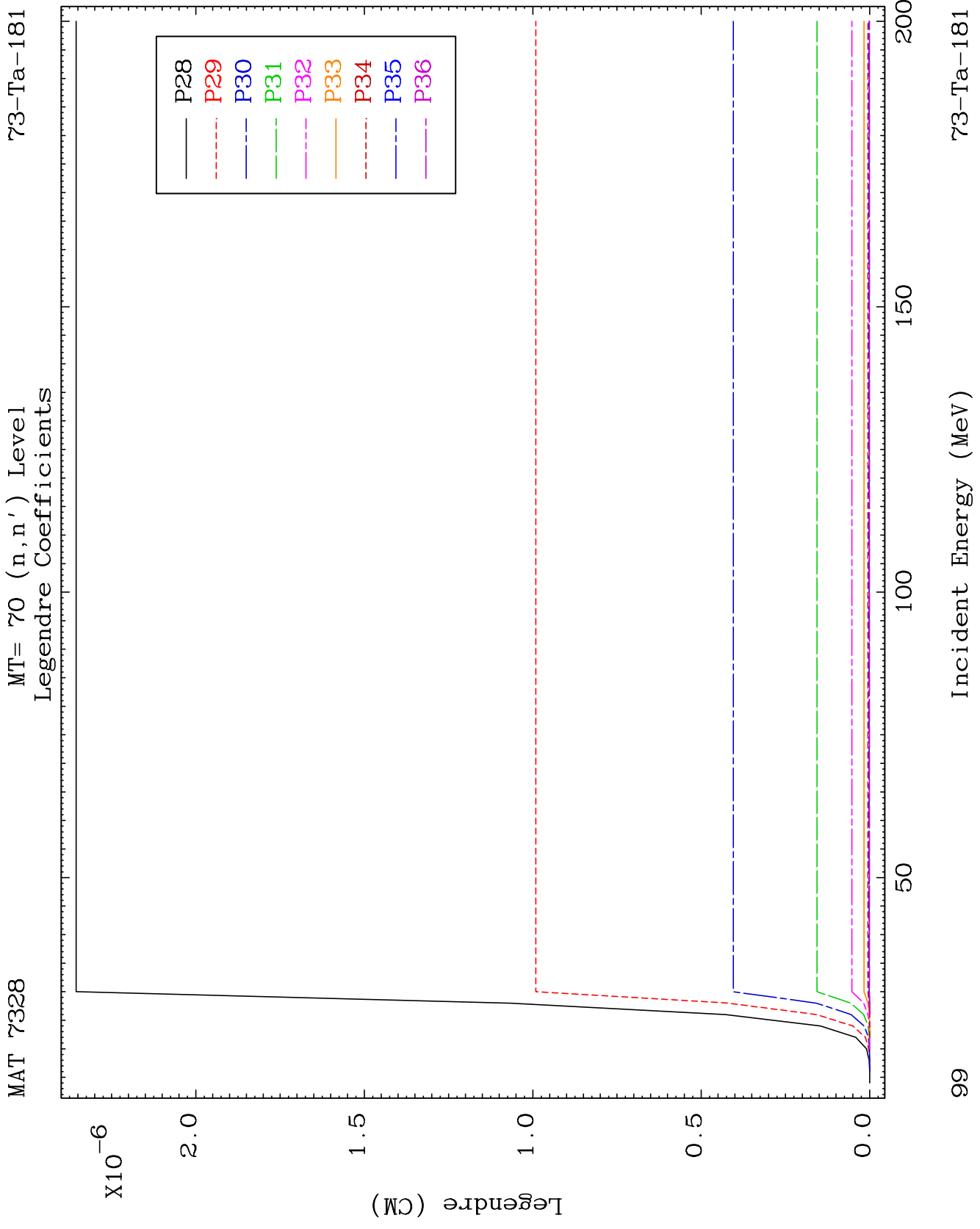


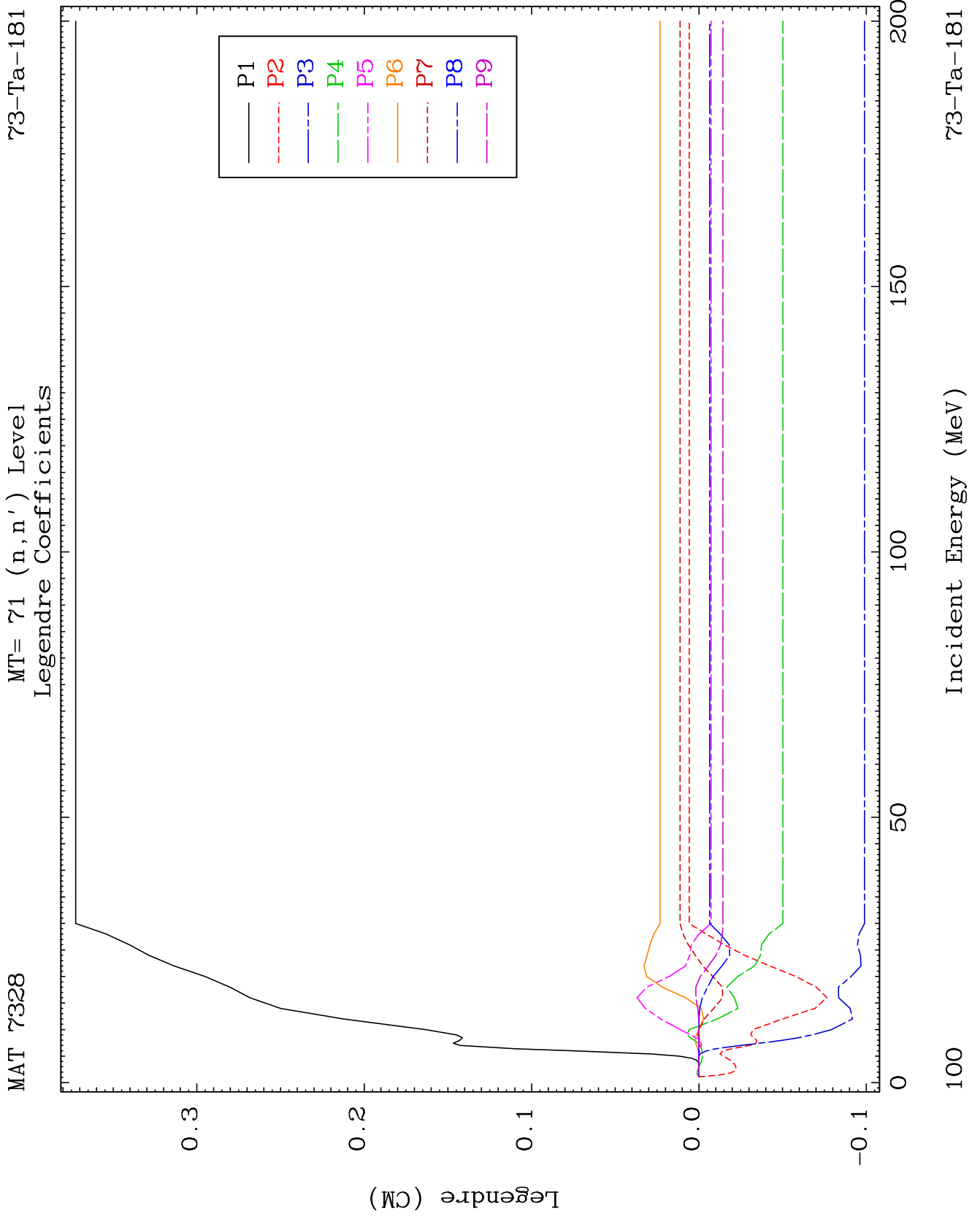
73-Ta-181

Incident Energy (MeV)

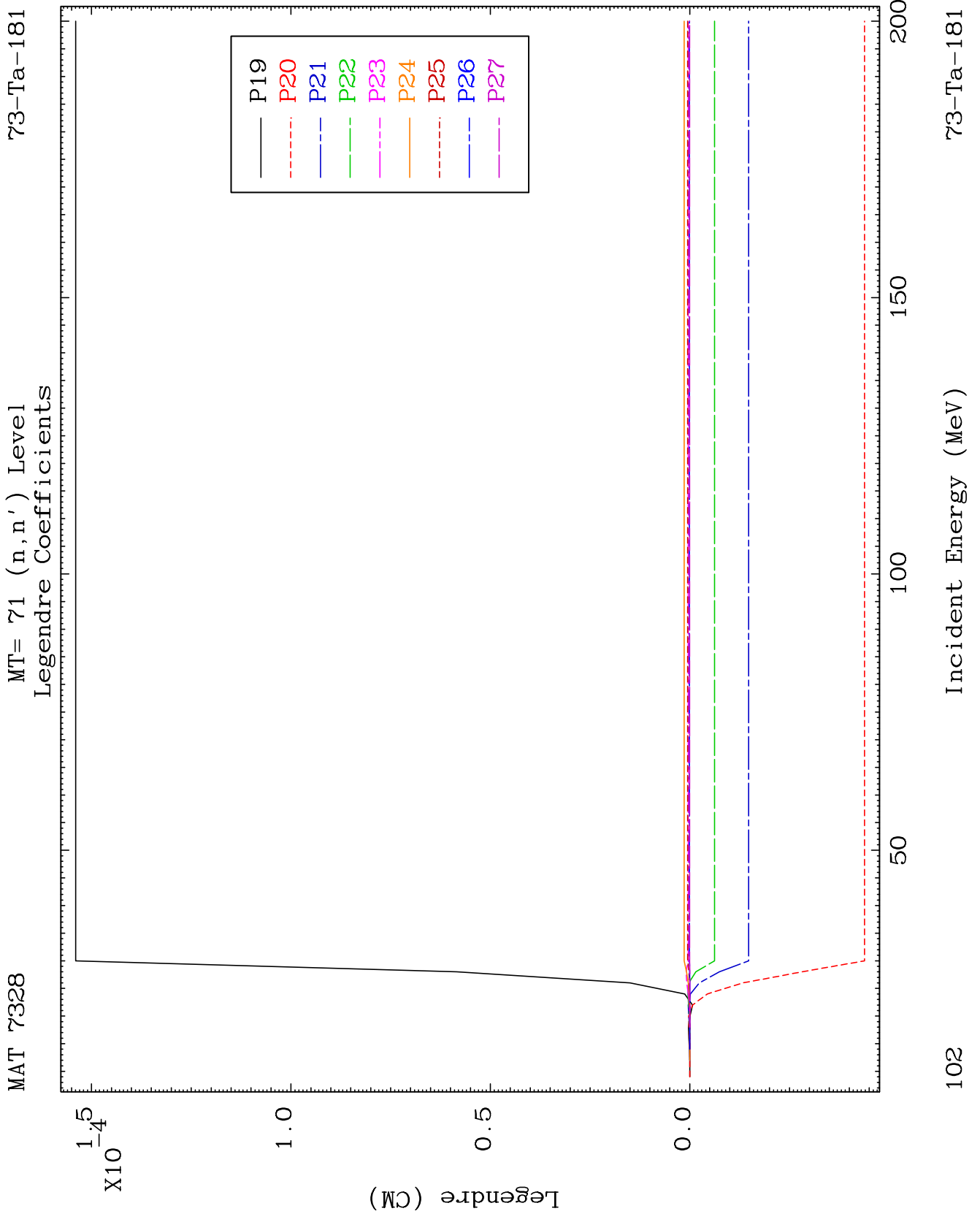
97

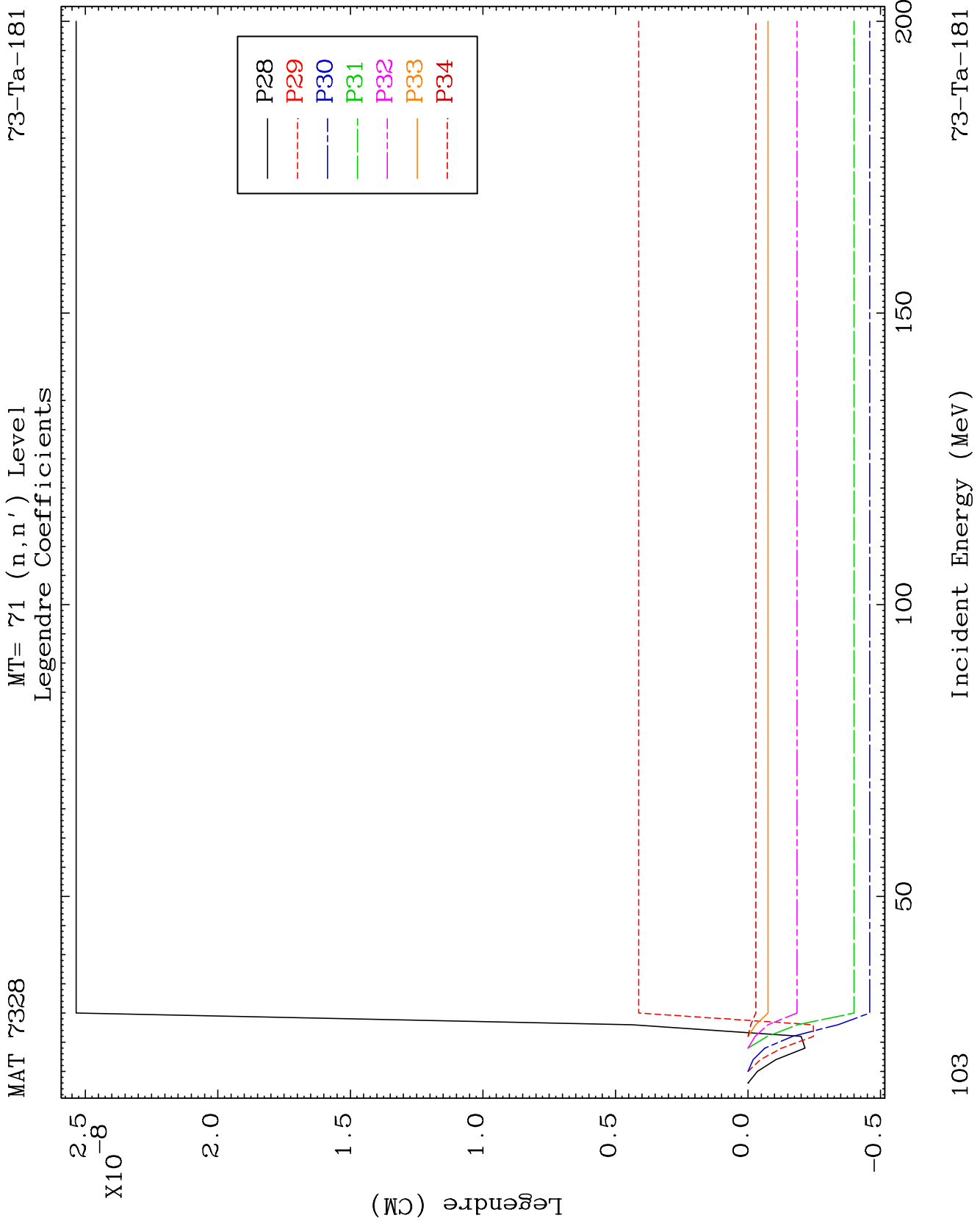










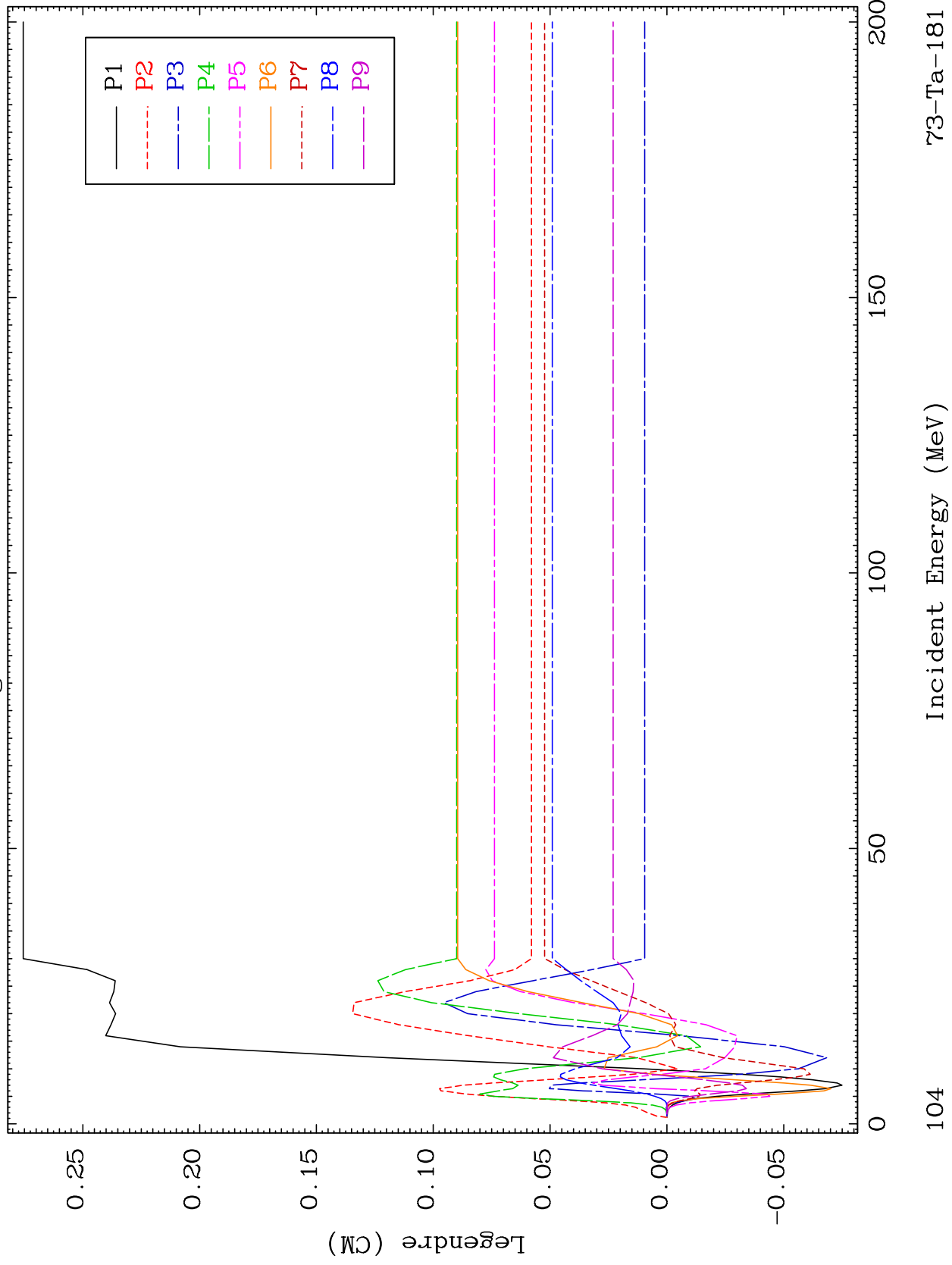




MAT 7328

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

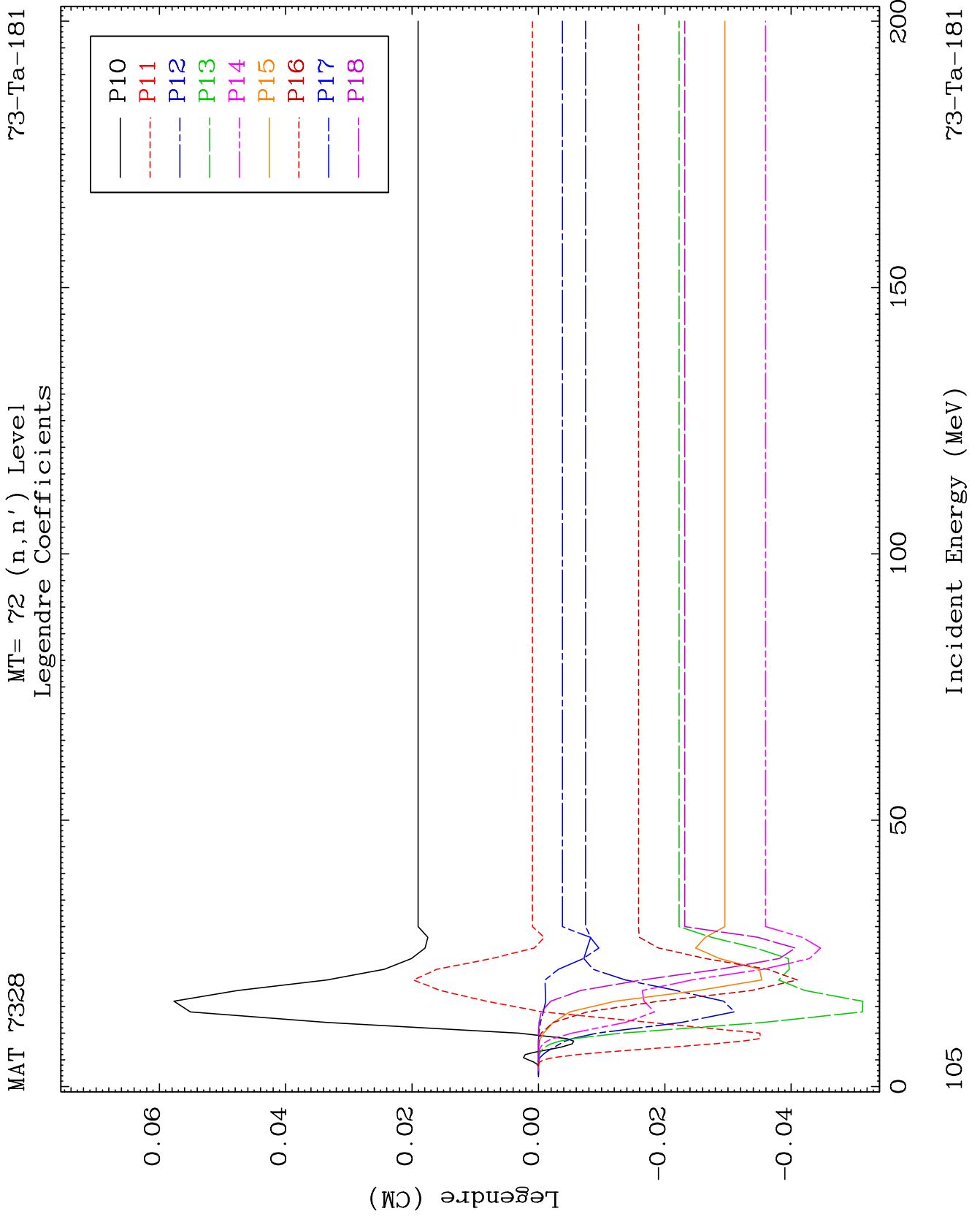
73-Ta-181

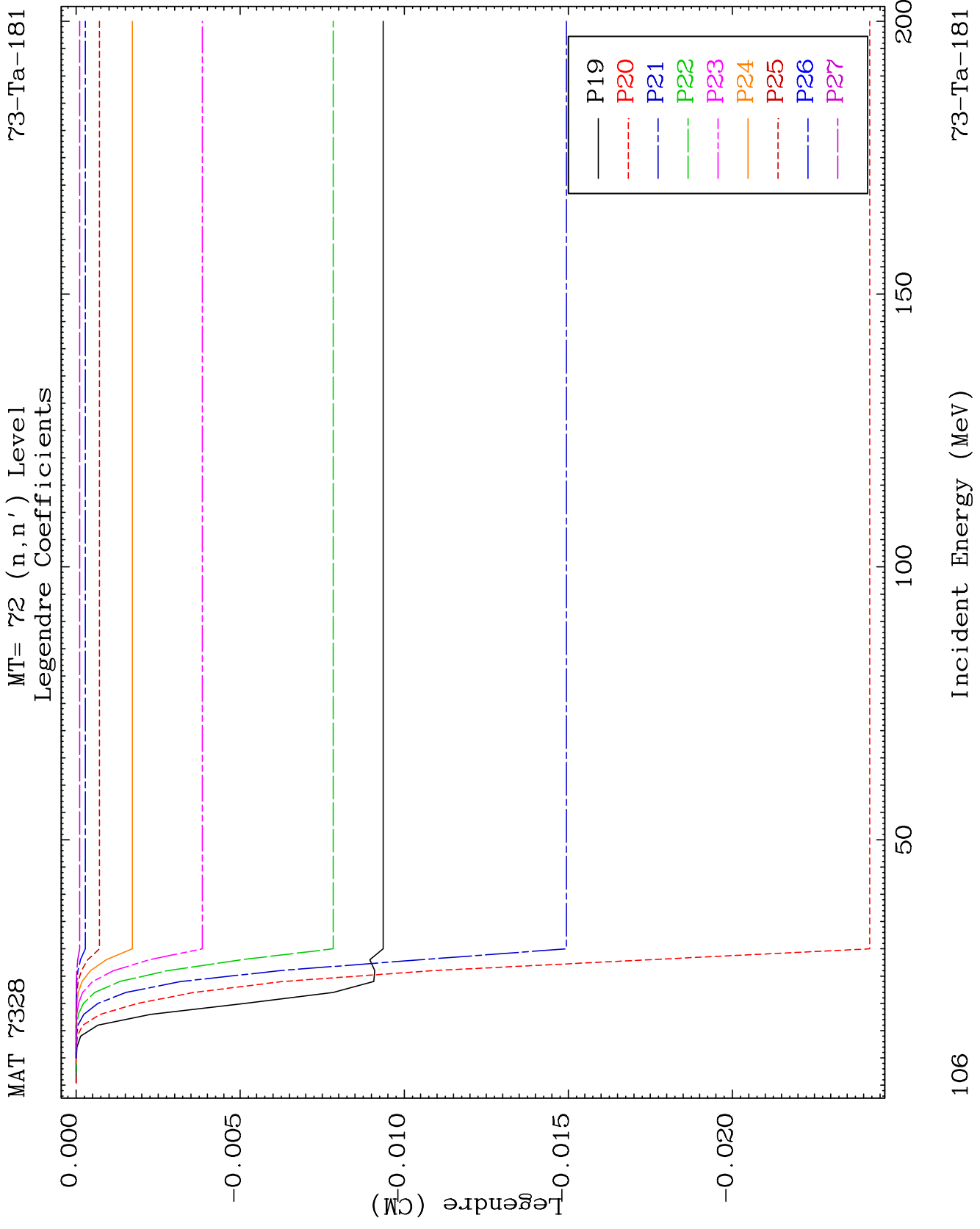


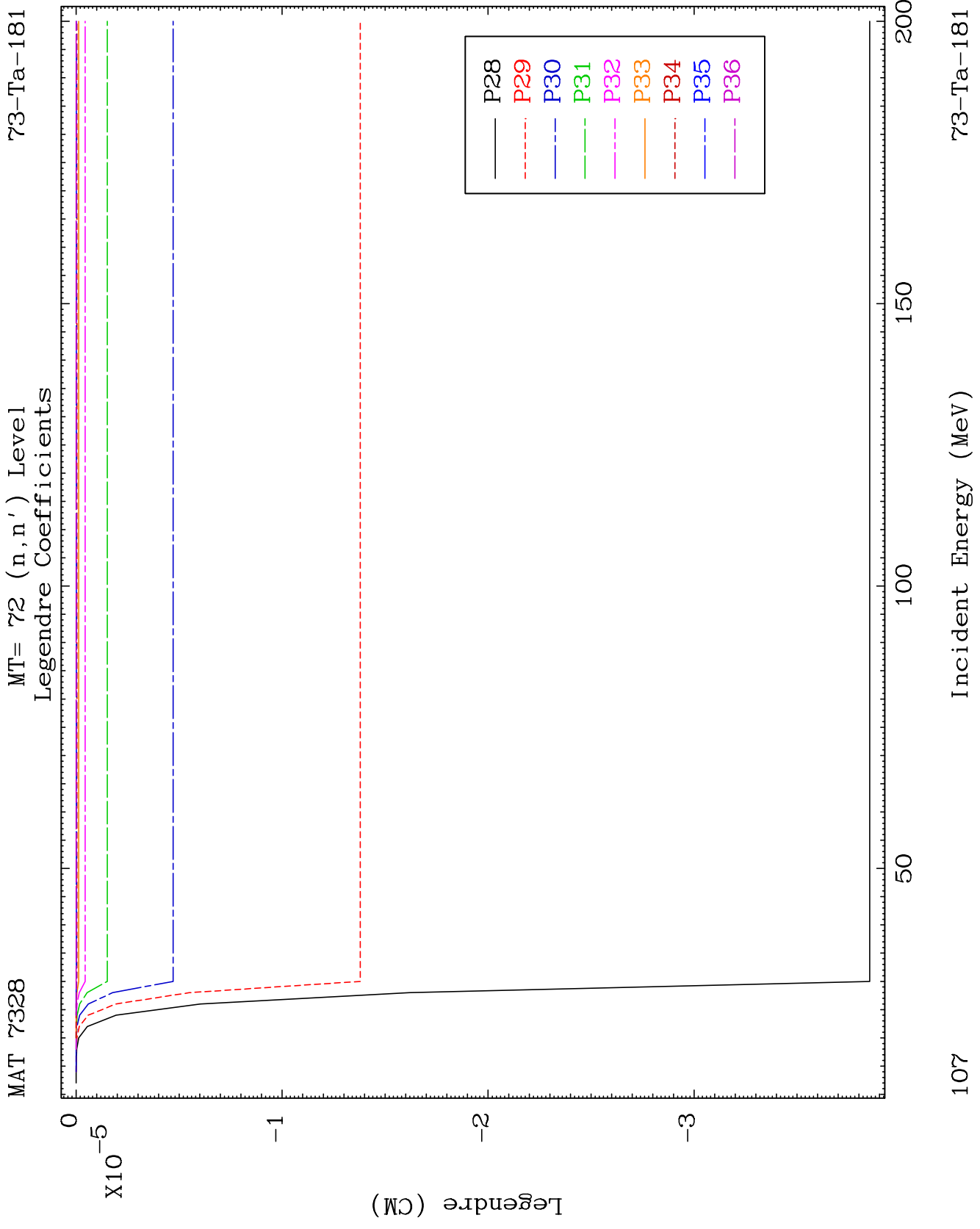
73-Ta-181

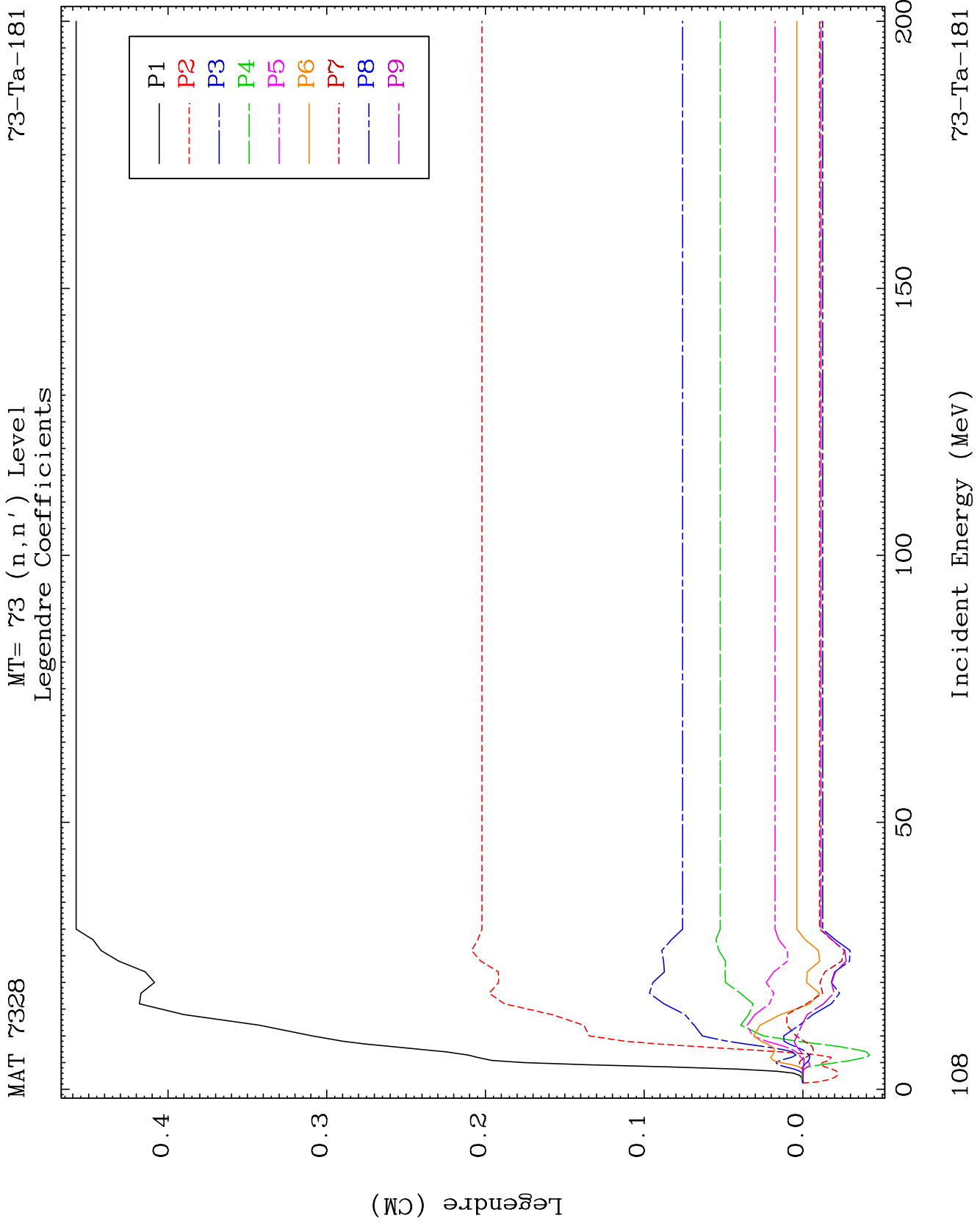
Incident Energy (MeV)

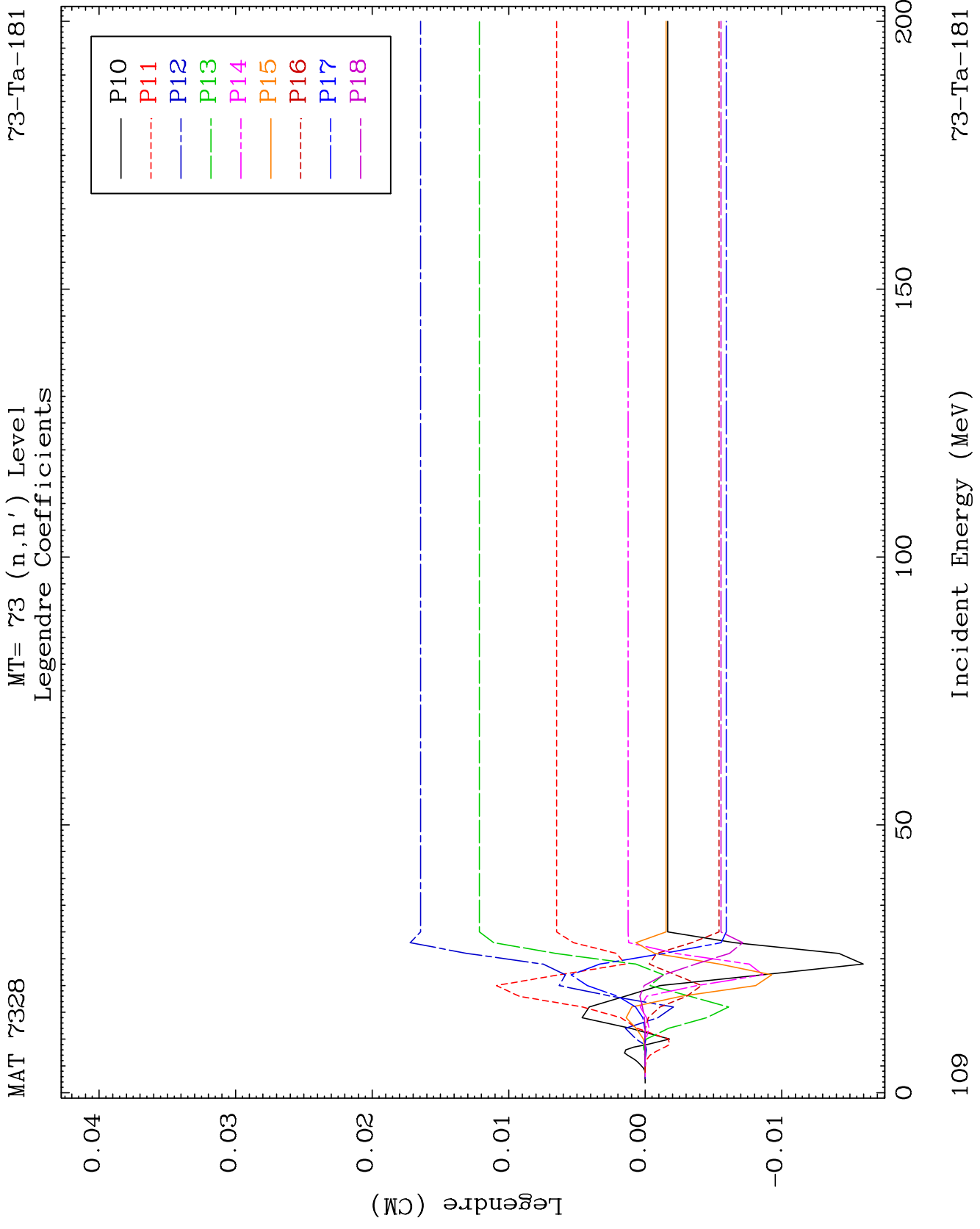
104







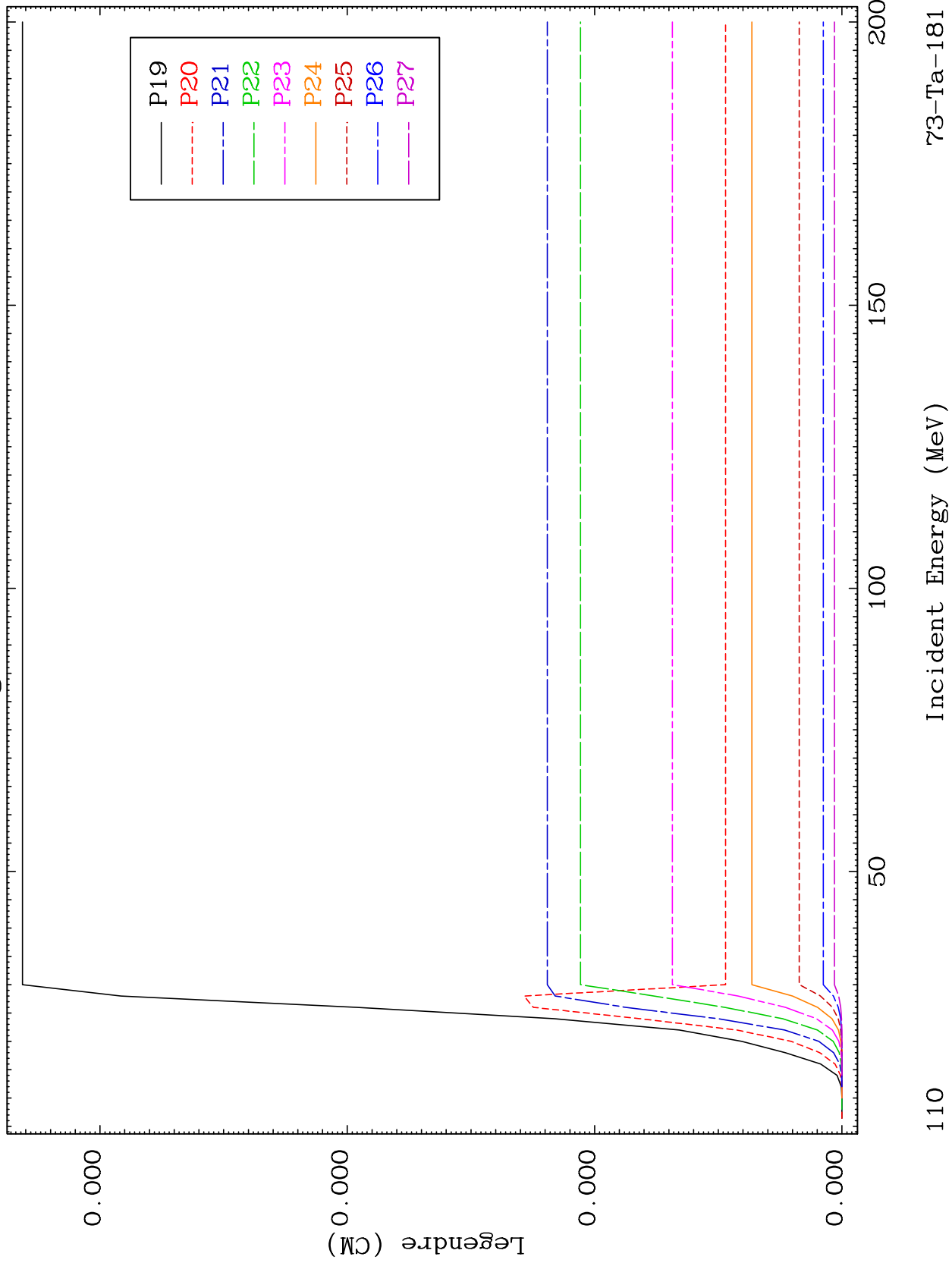




MAT 7328

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

73-Ta-181



110

Incident Energy (MeV)

73-Ta-181

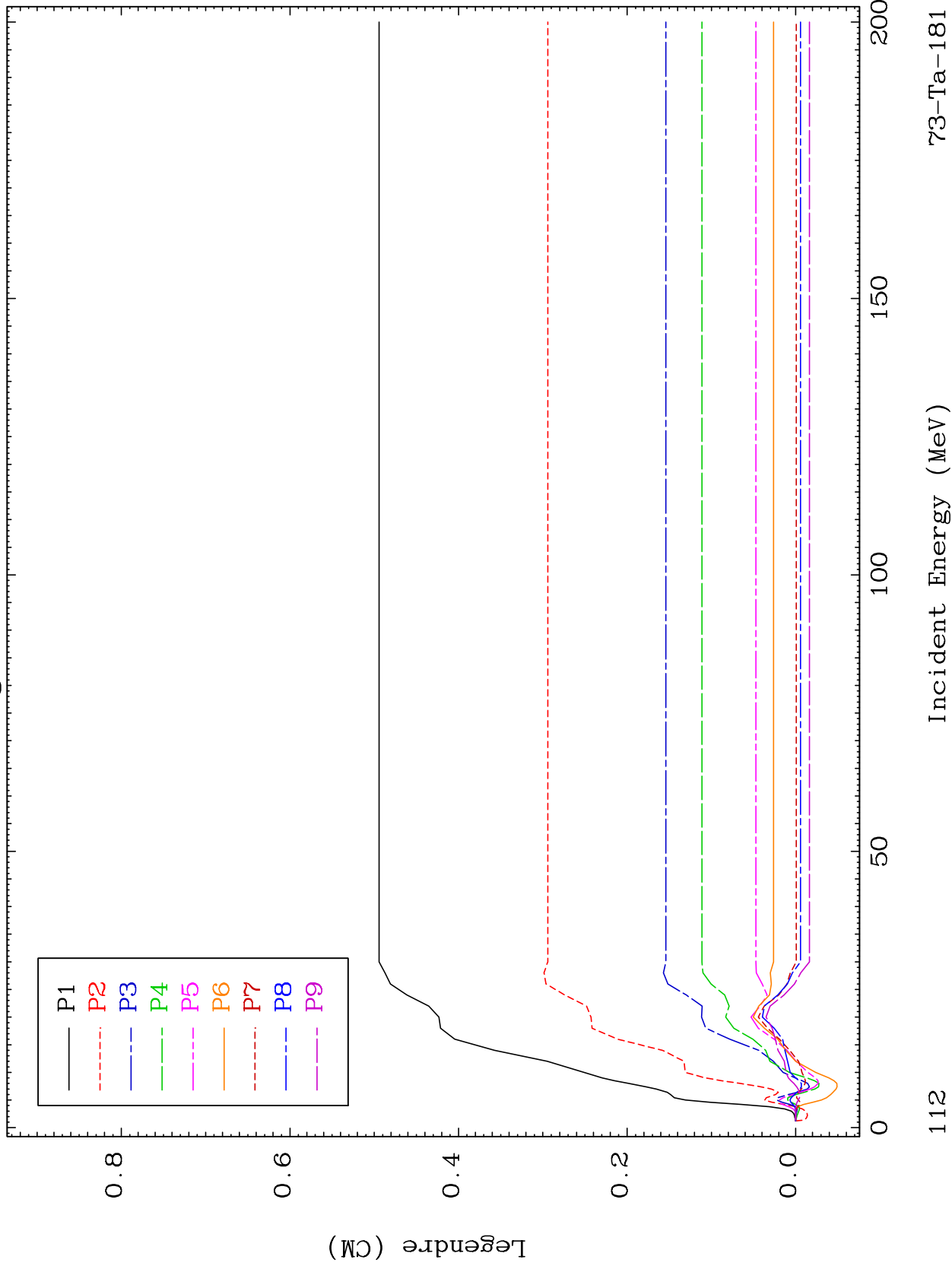




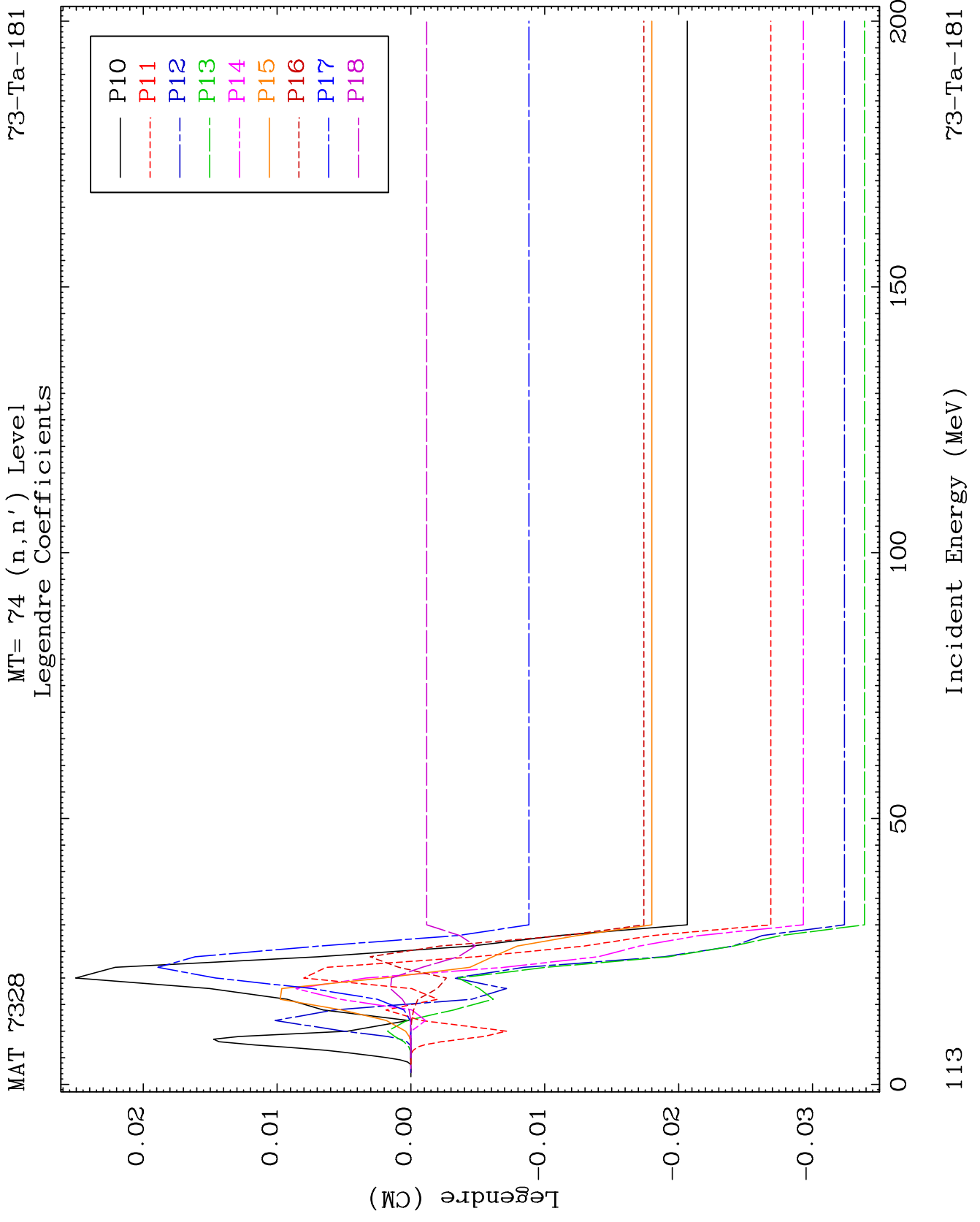
MAT 7328

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

73-Ta-181



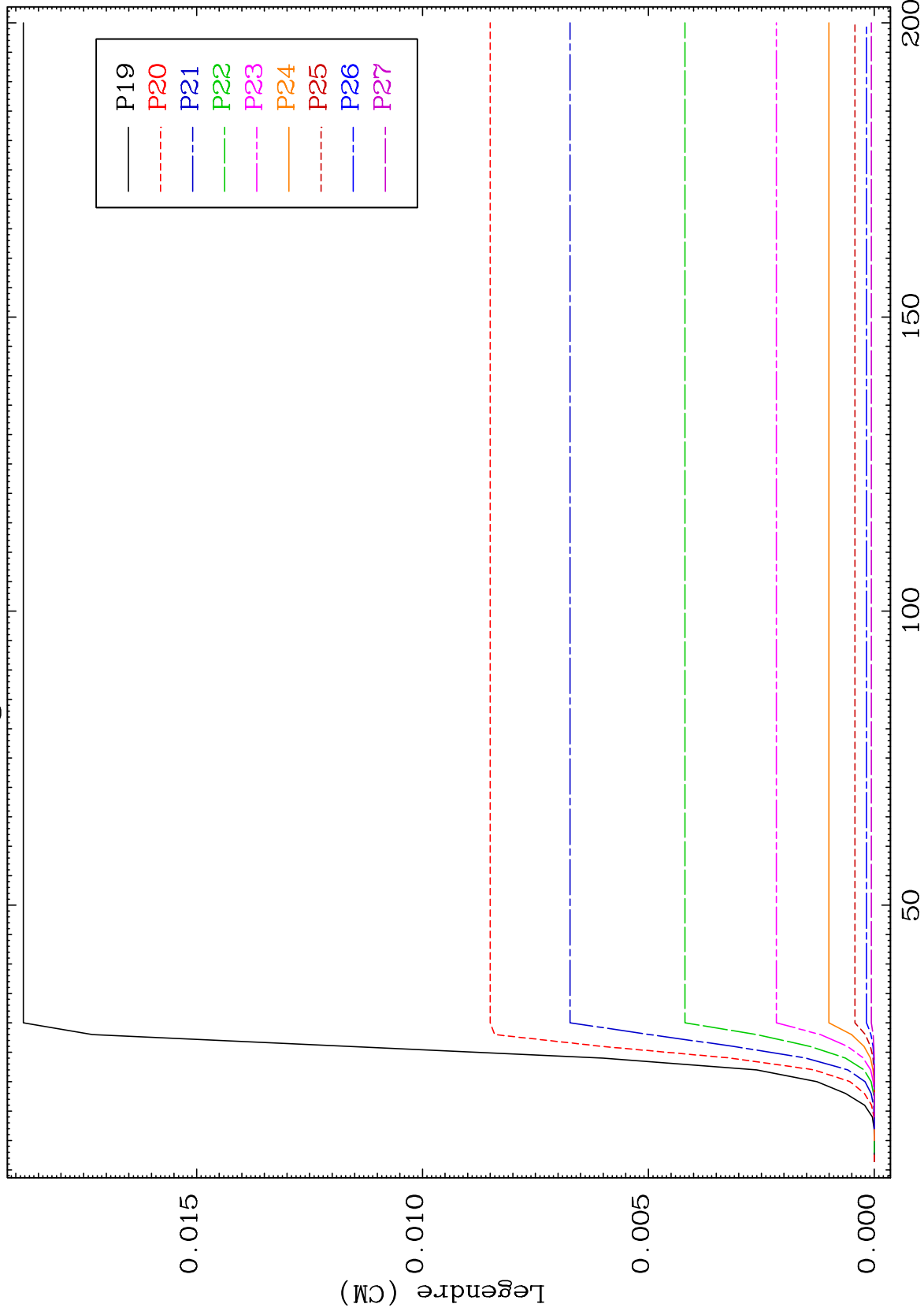
112



MAT 7328

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

73-Ta-181



114

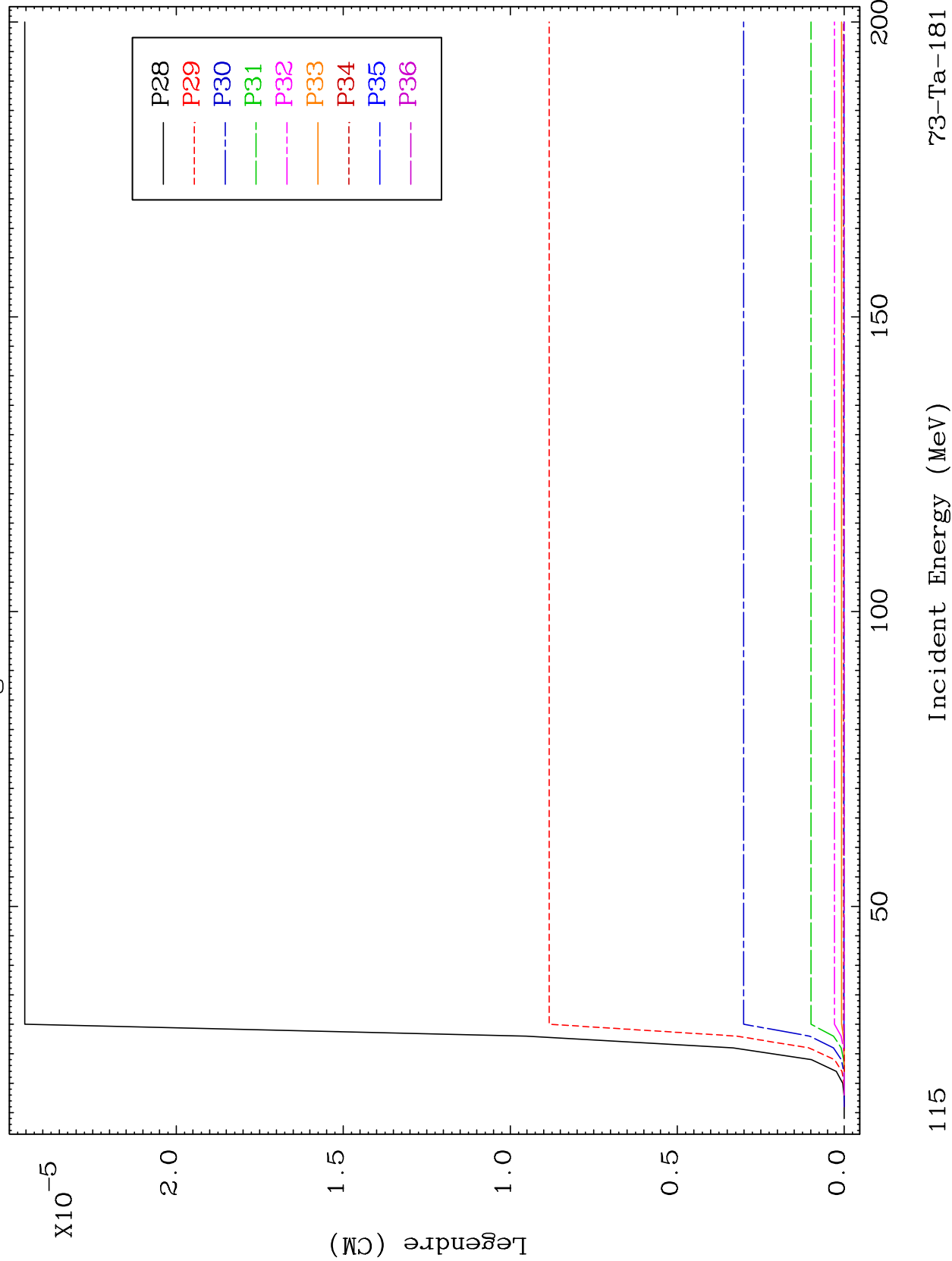
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

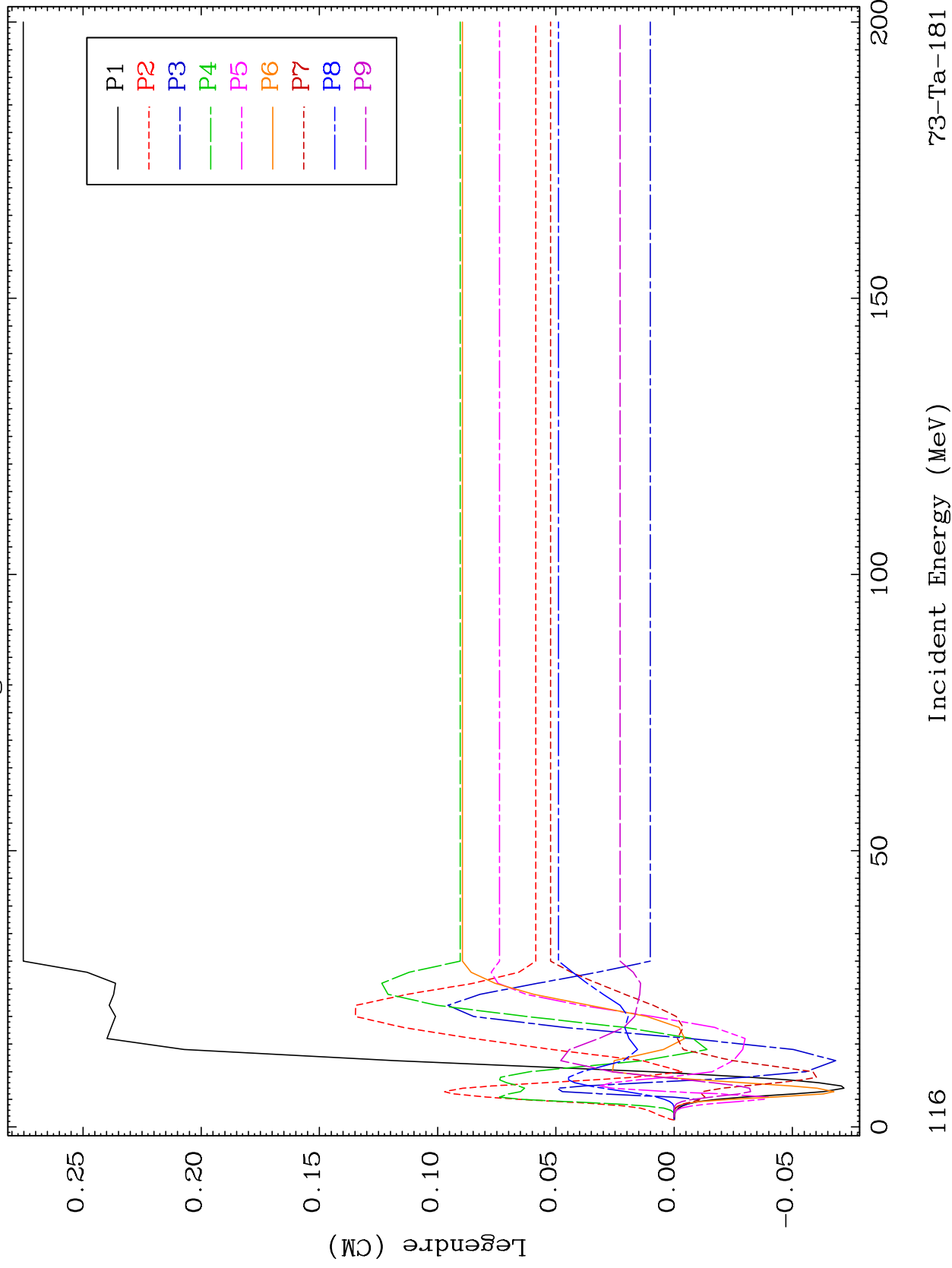
73-Ta-181



MAT 7328

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

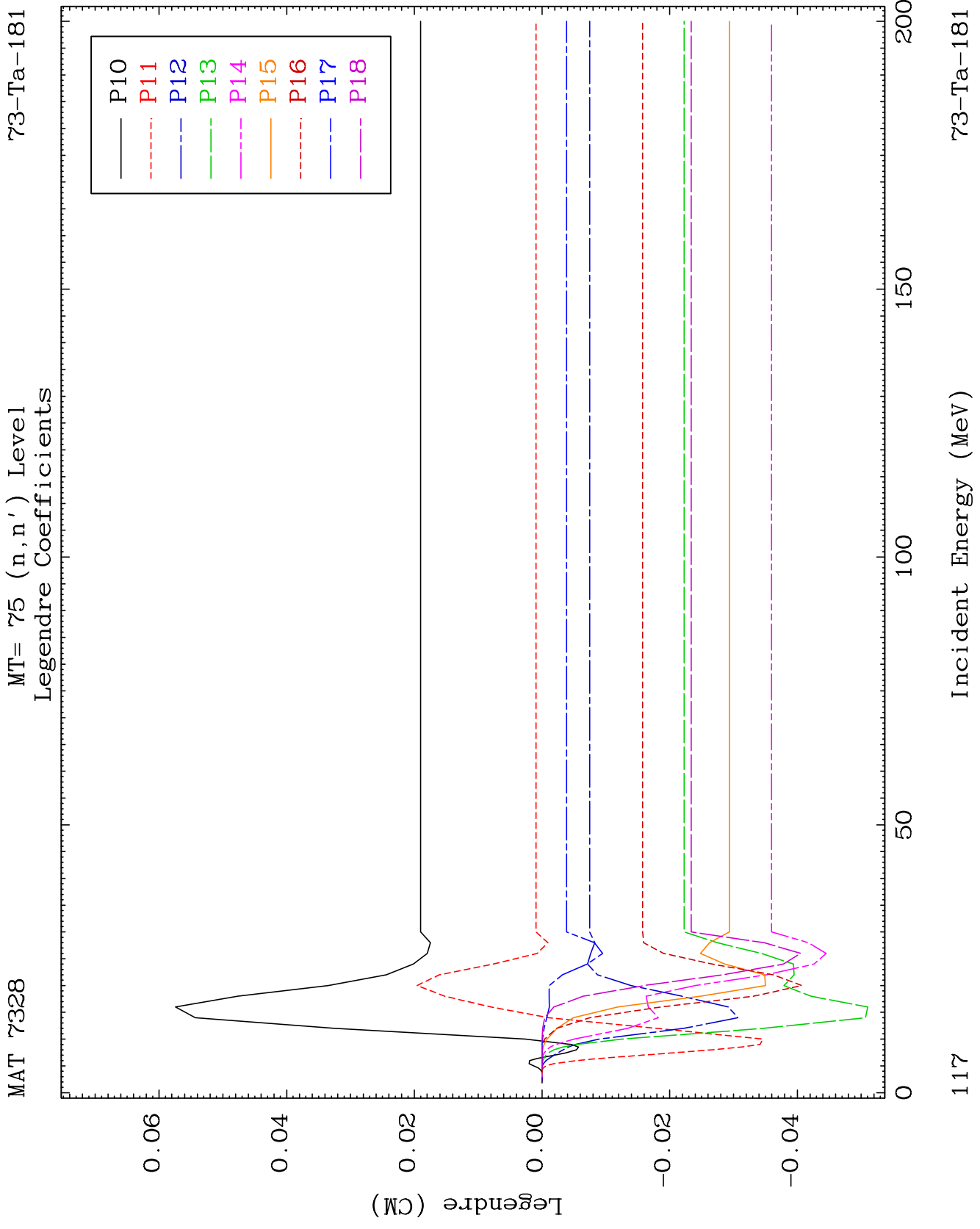
73-Ta-181

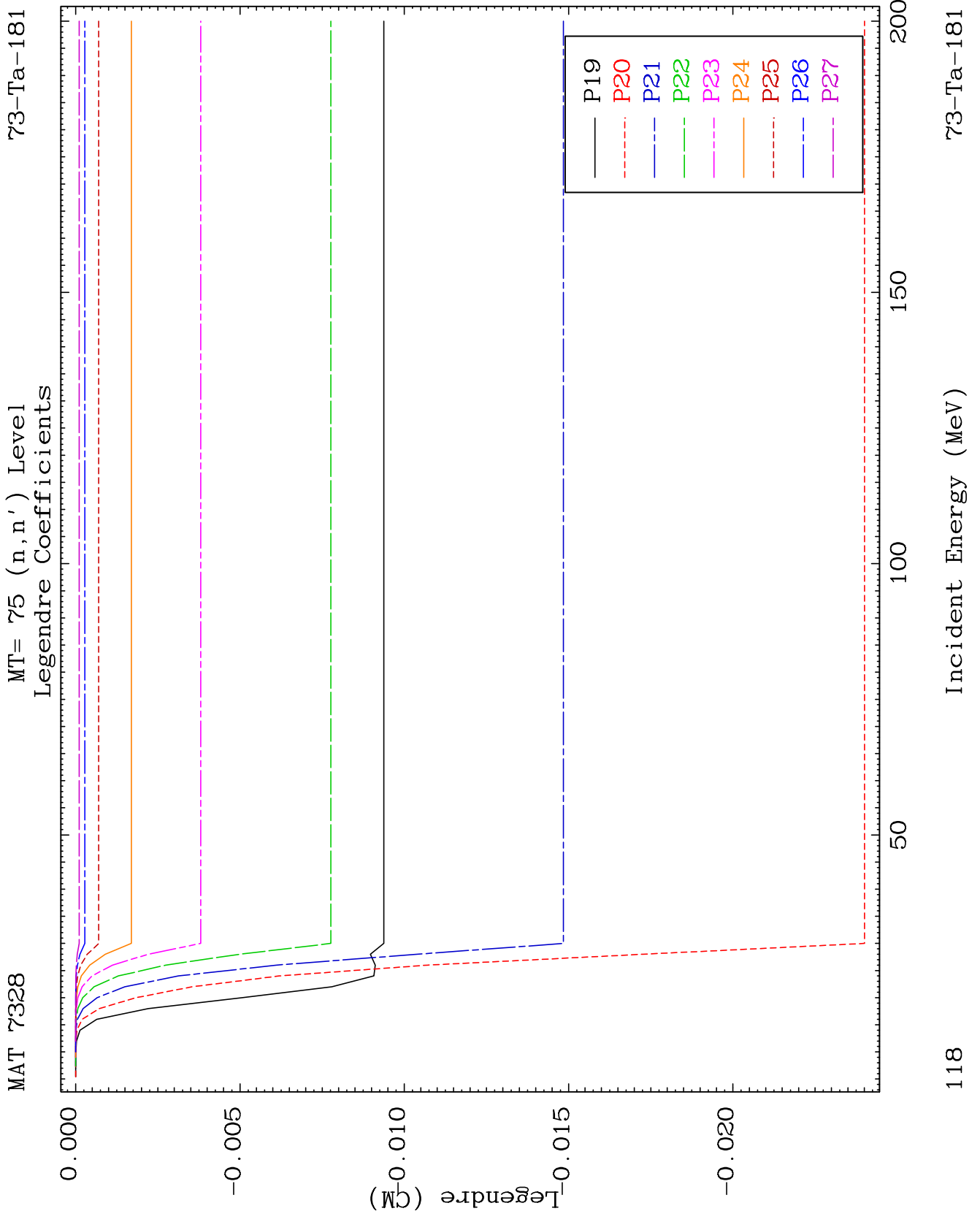


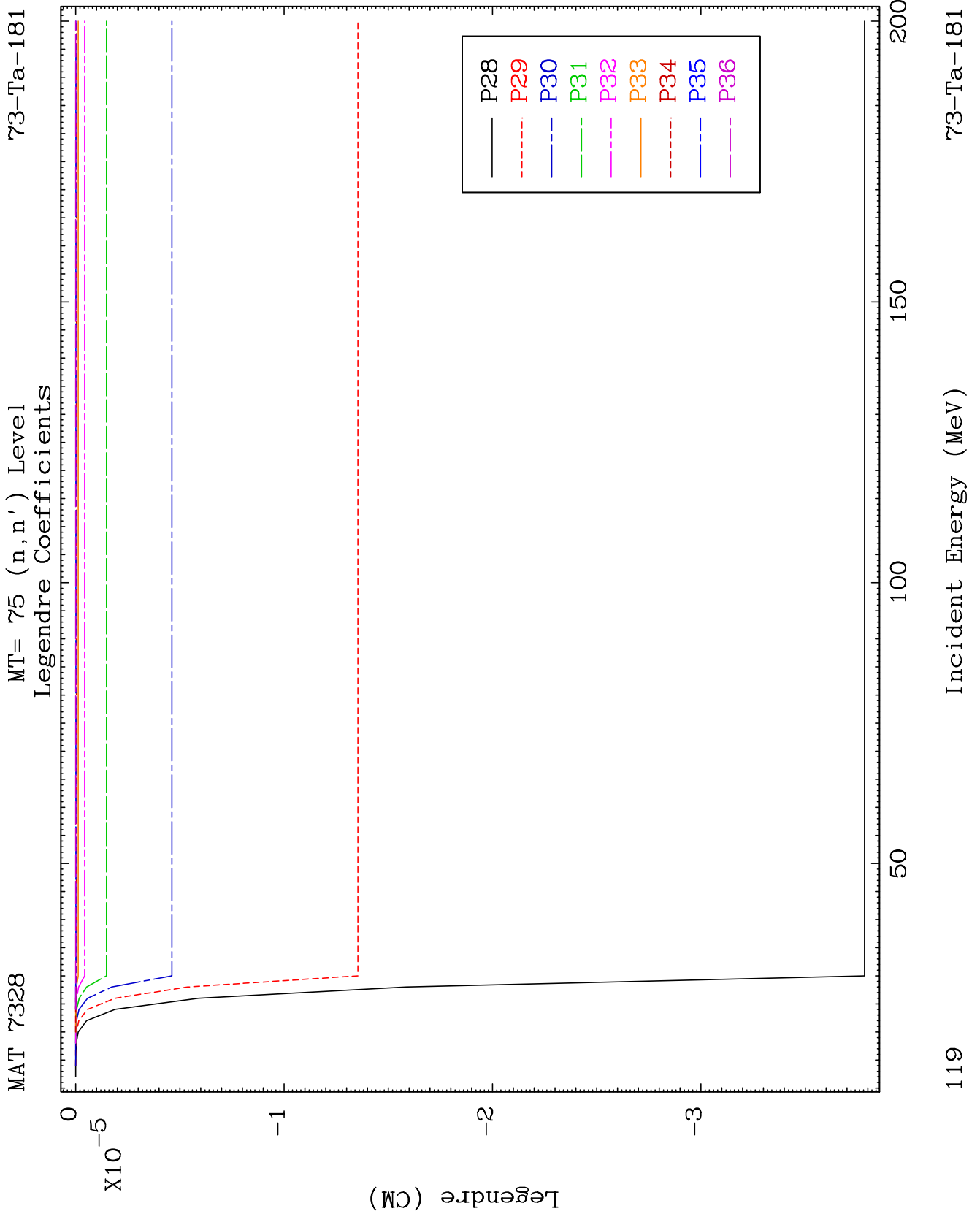
116

Incident Energy (MeV)

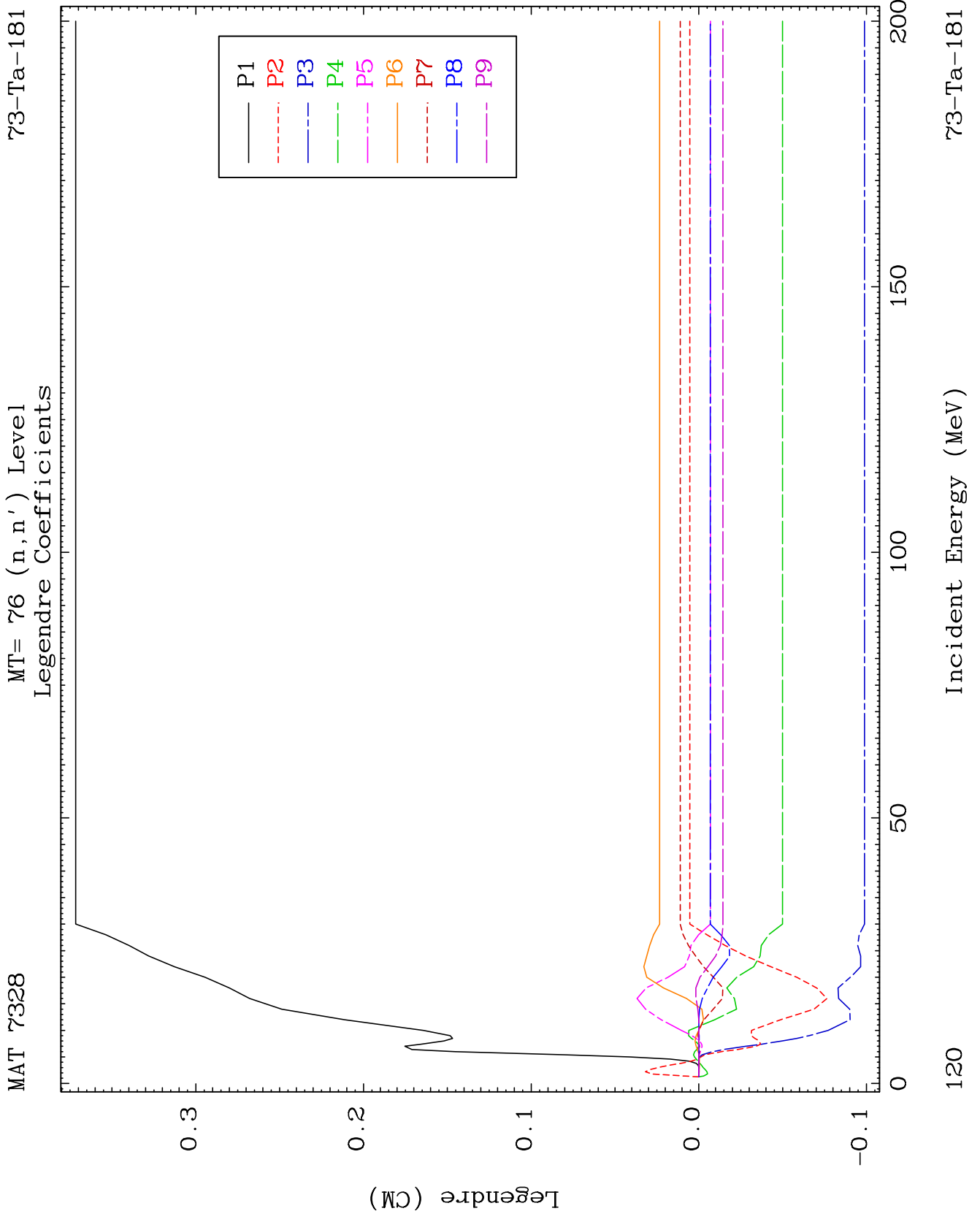
73-Ta-181







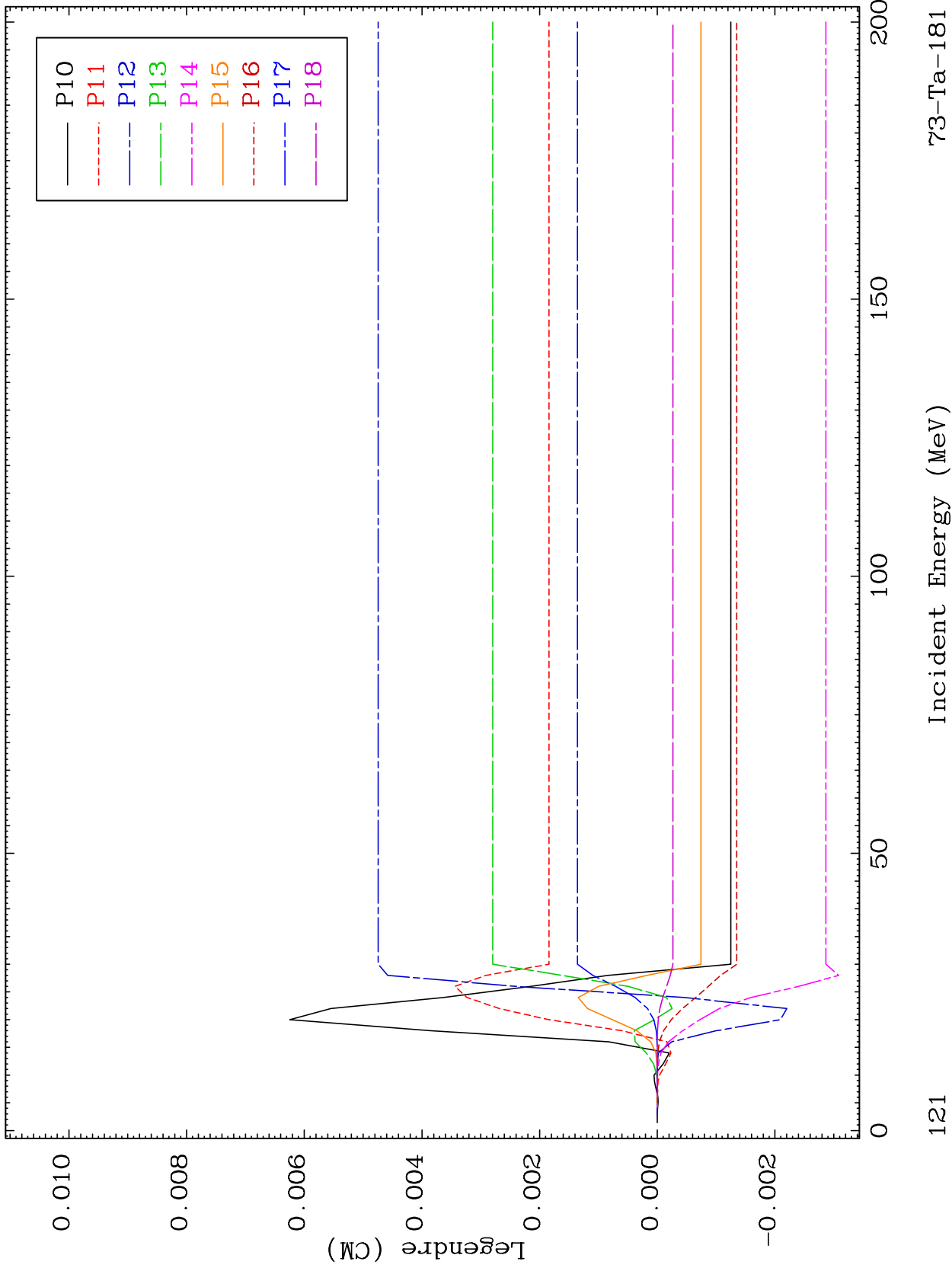




MAT 7328

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

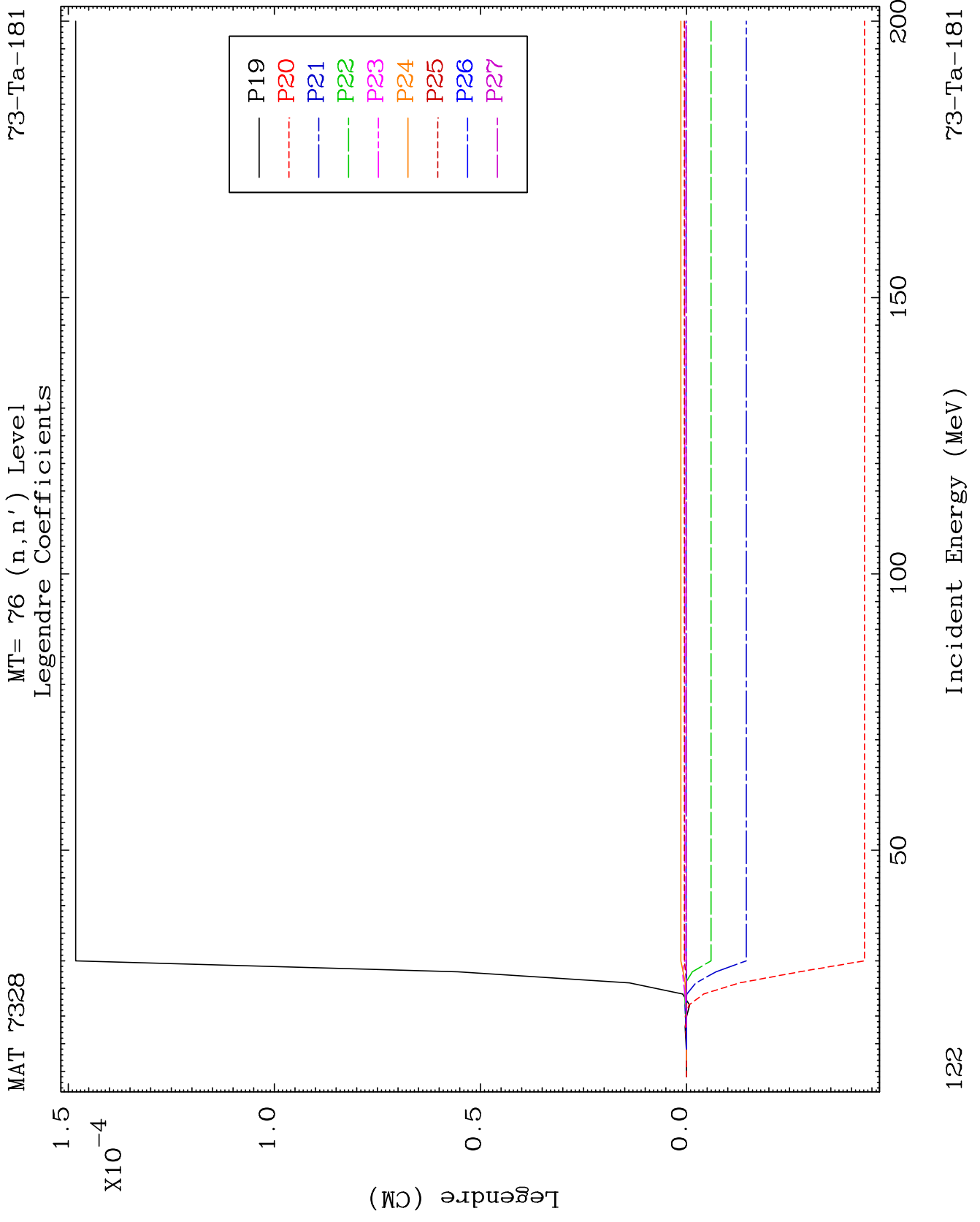
73-Ta-181

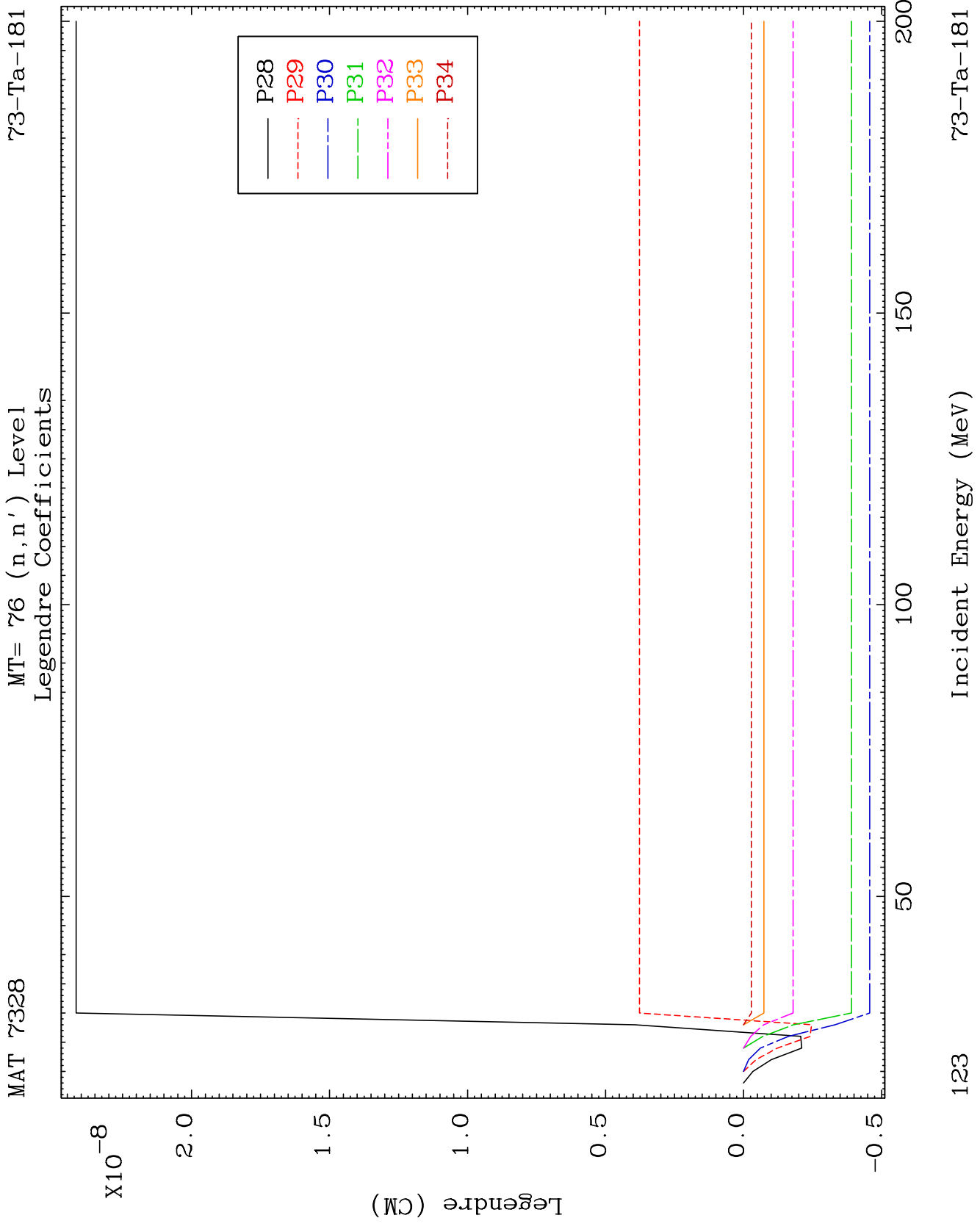


121

Incident Energy (MeV)

73-Ta-181

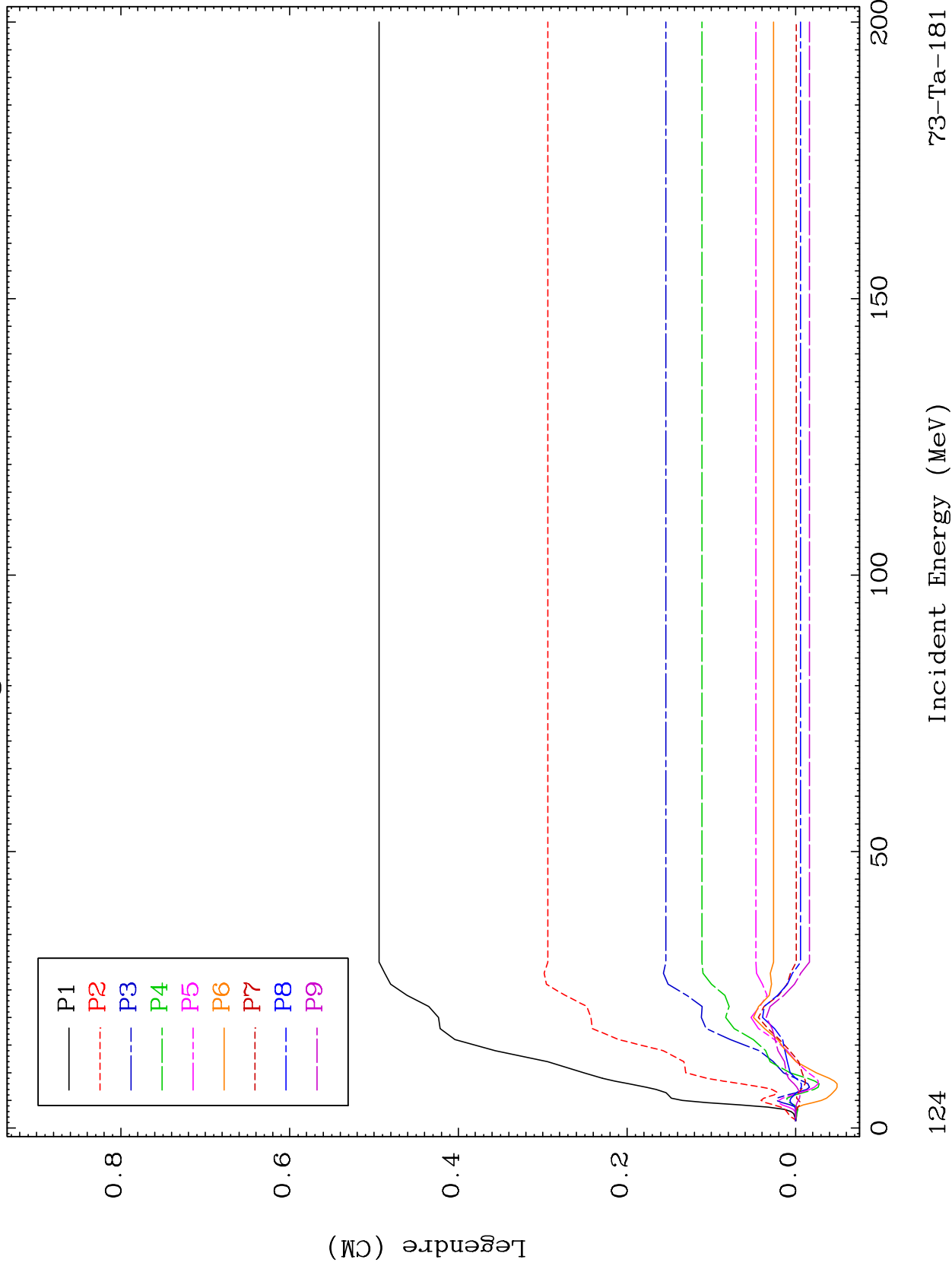




MAT 7328

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

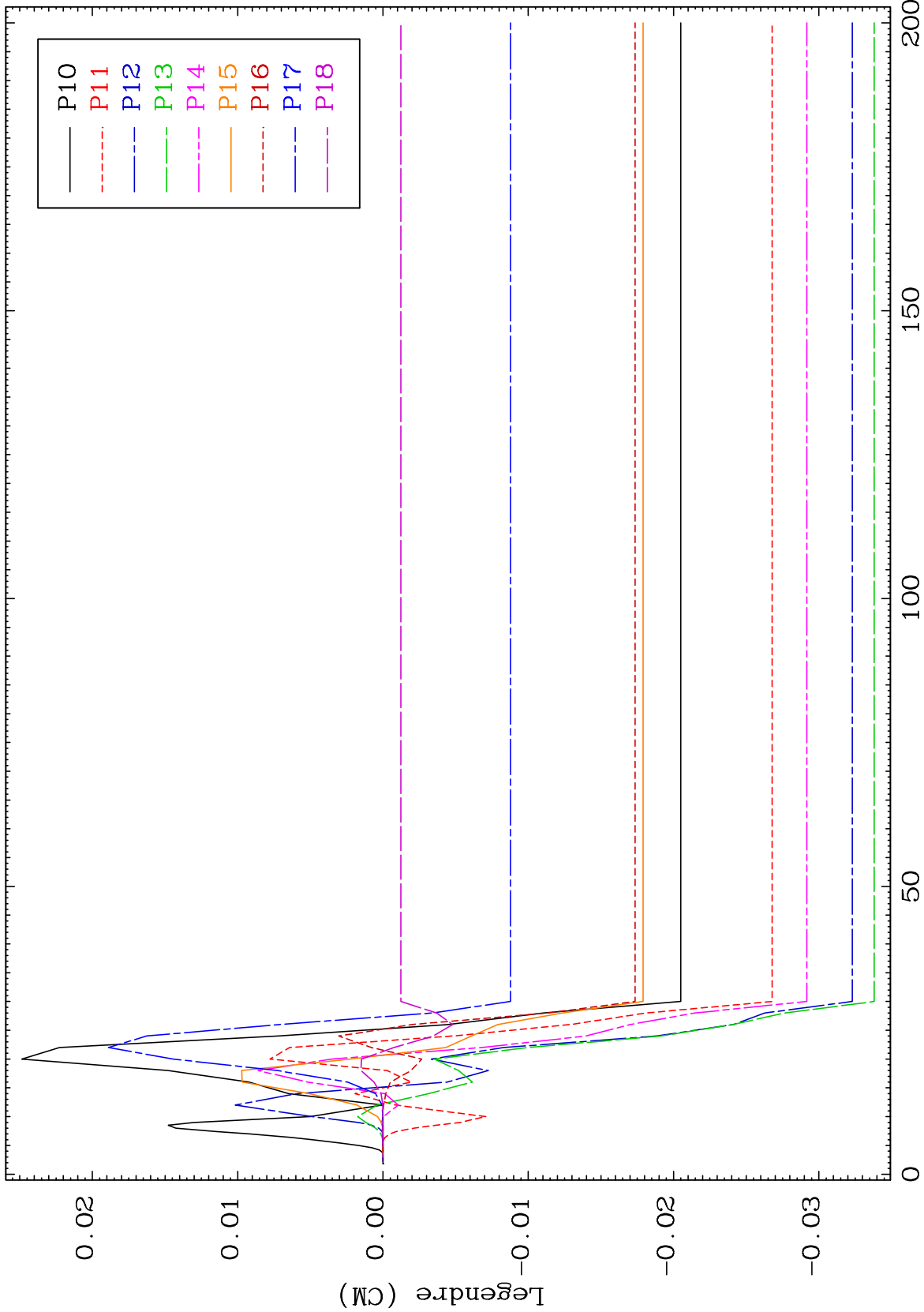
73-Ta-181



MAT 7328

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

73-Ta-181



125

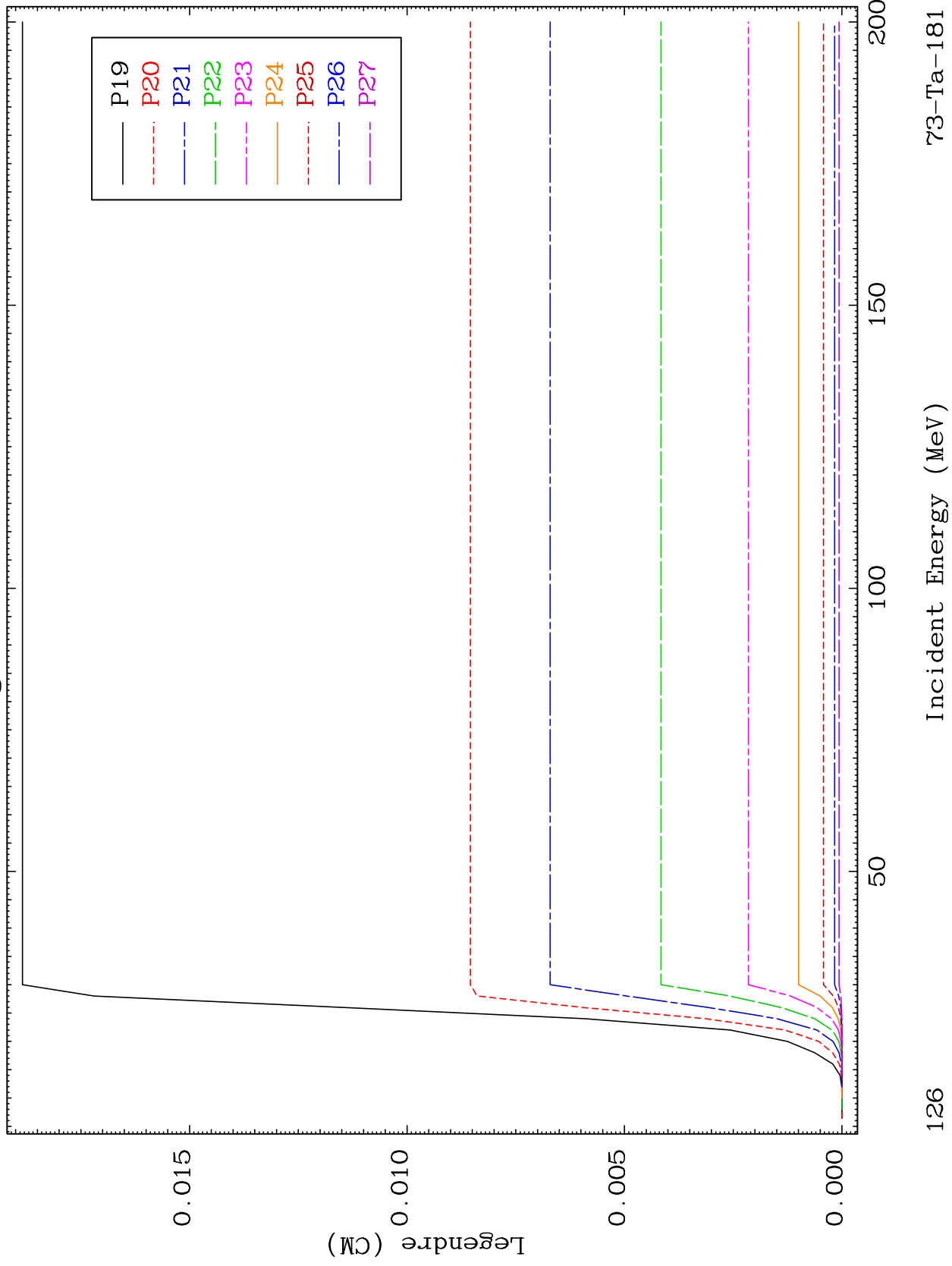
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

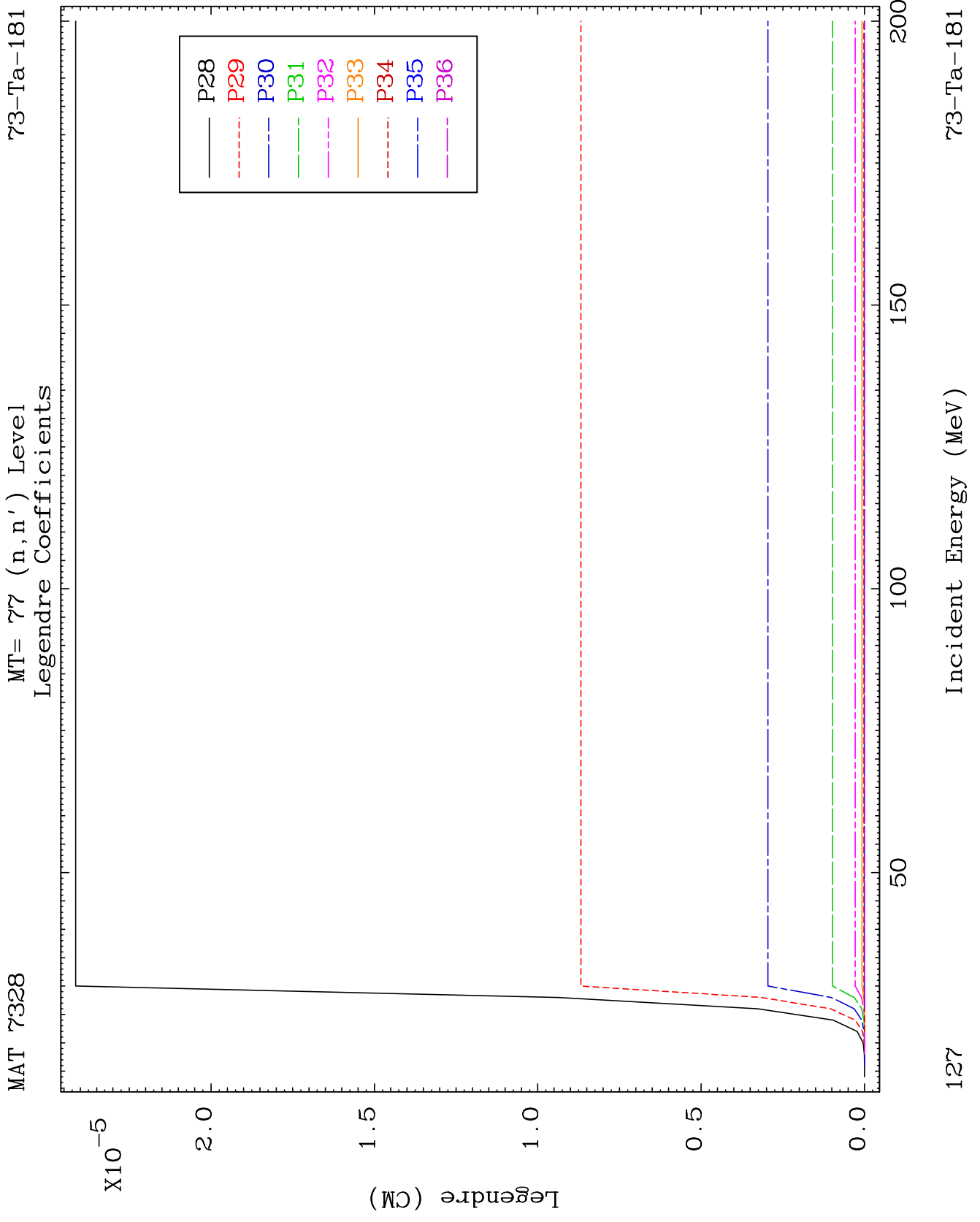
73-Ta-181



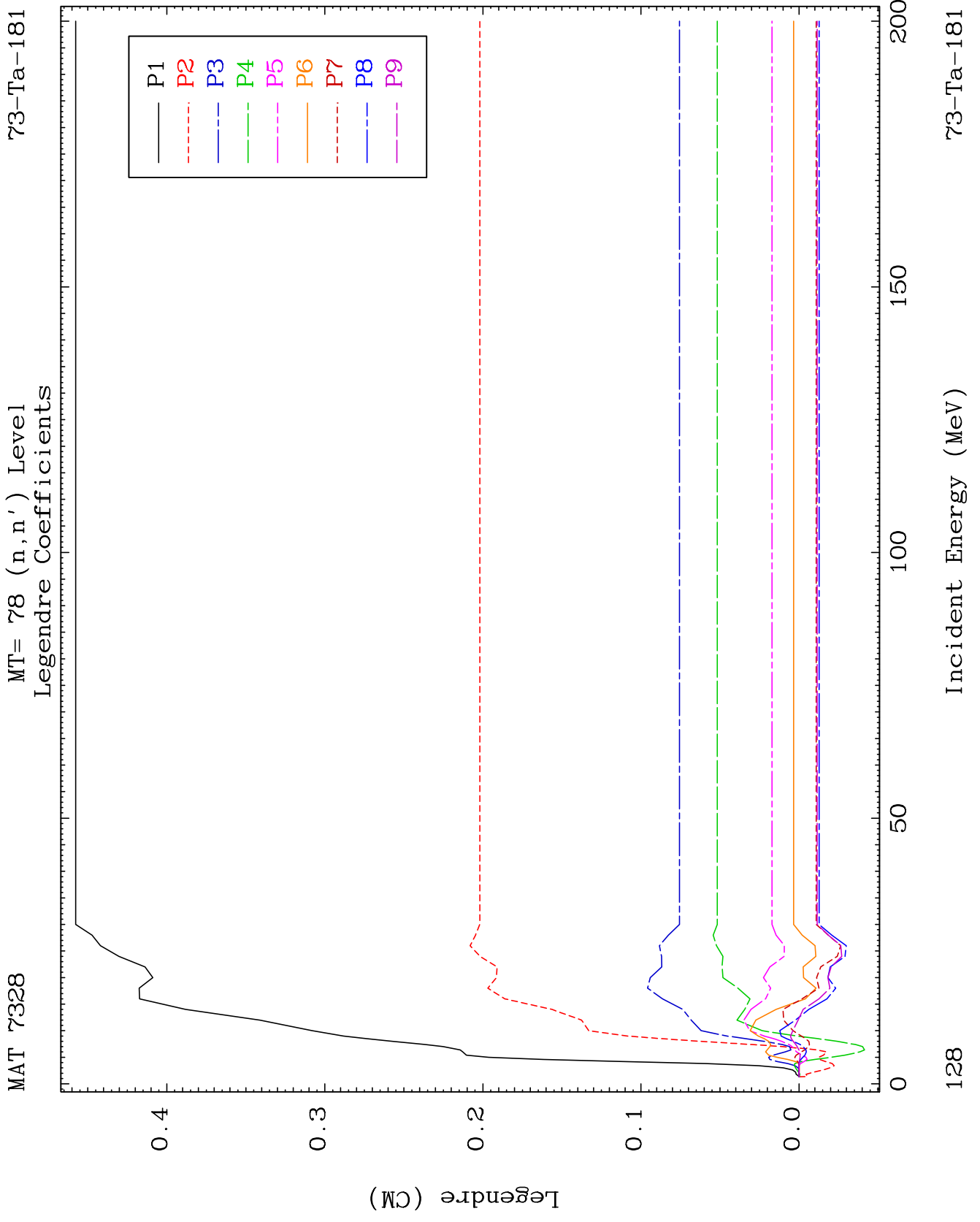
126

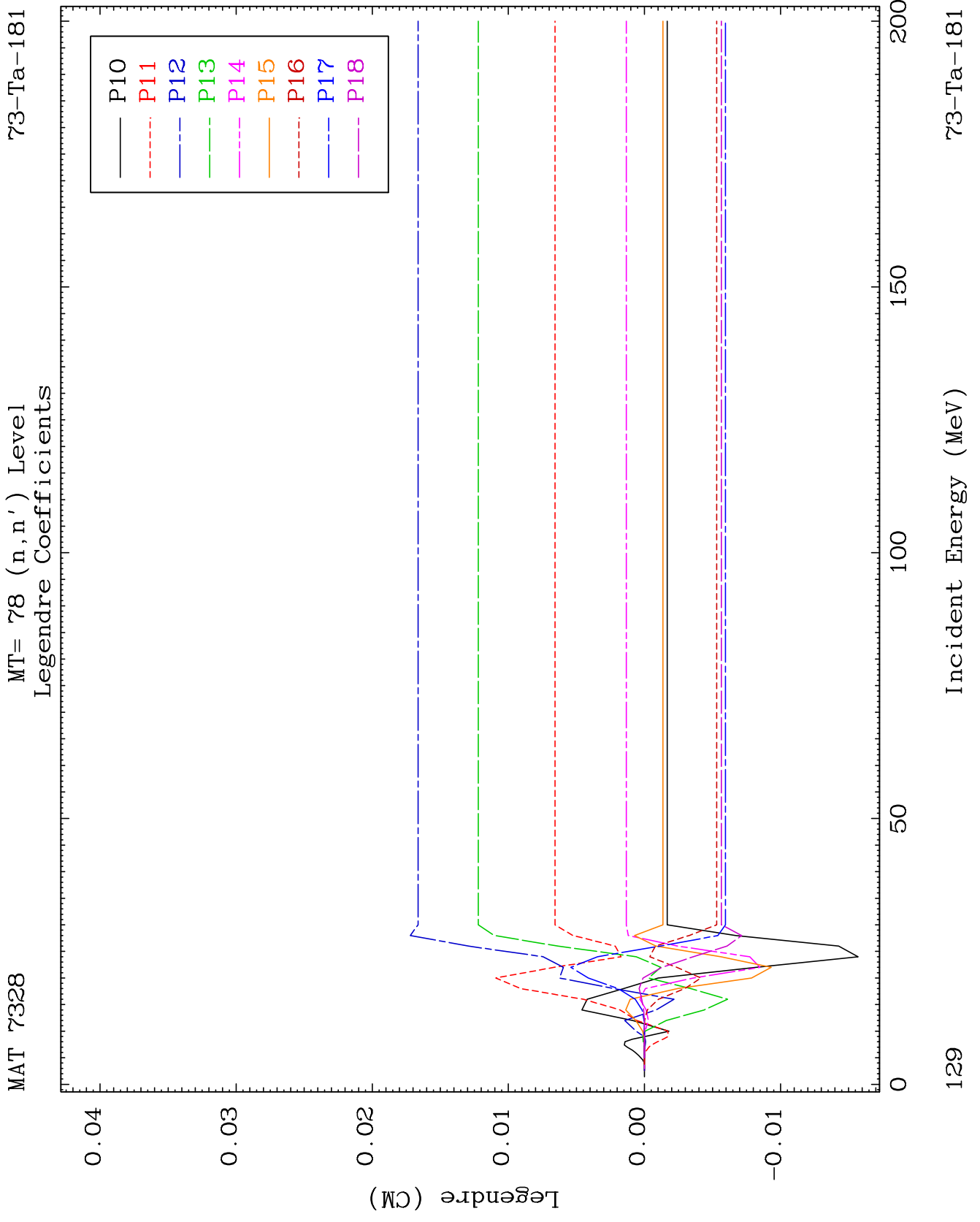
Incident Energy (MeV)

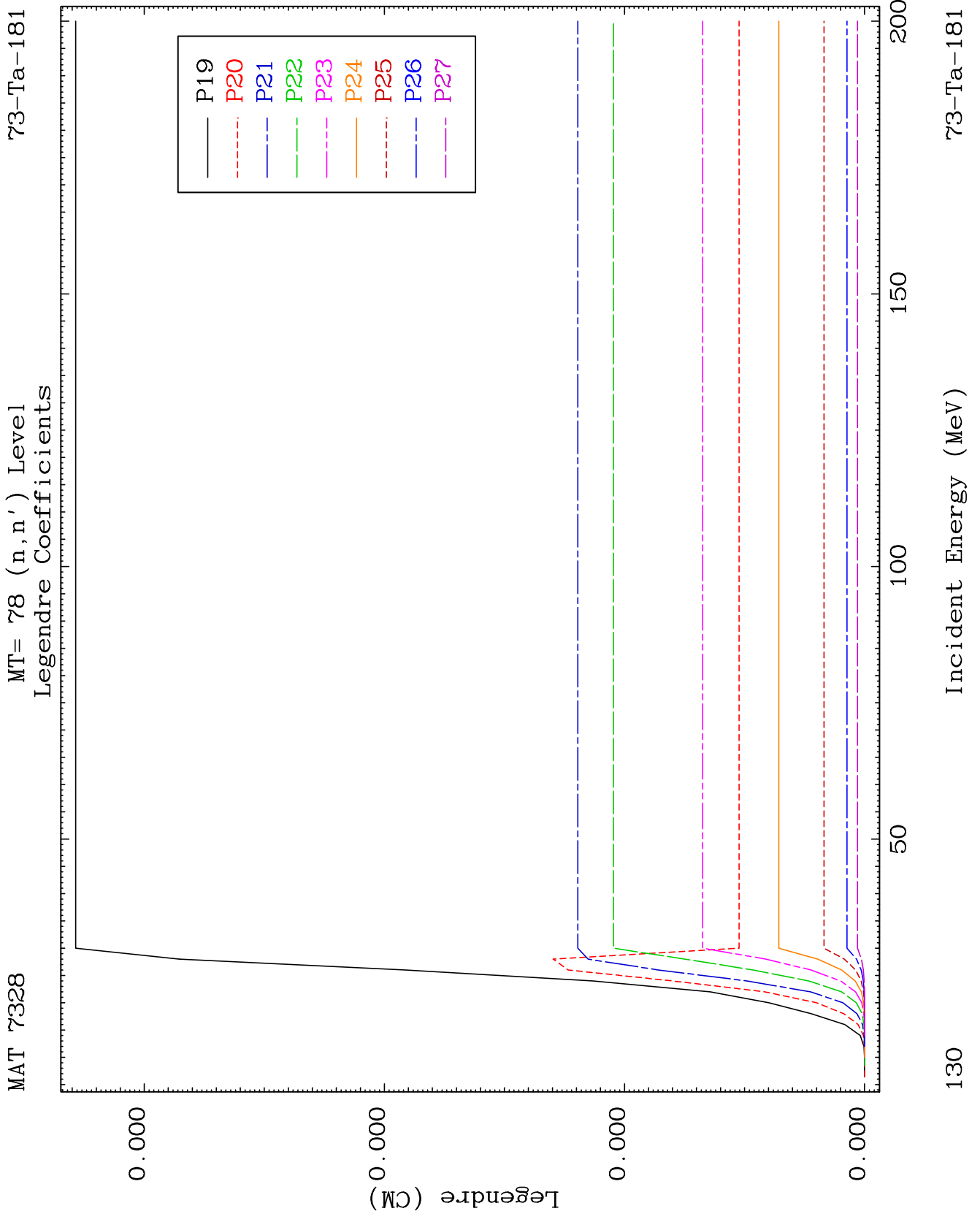
73-Ta-181

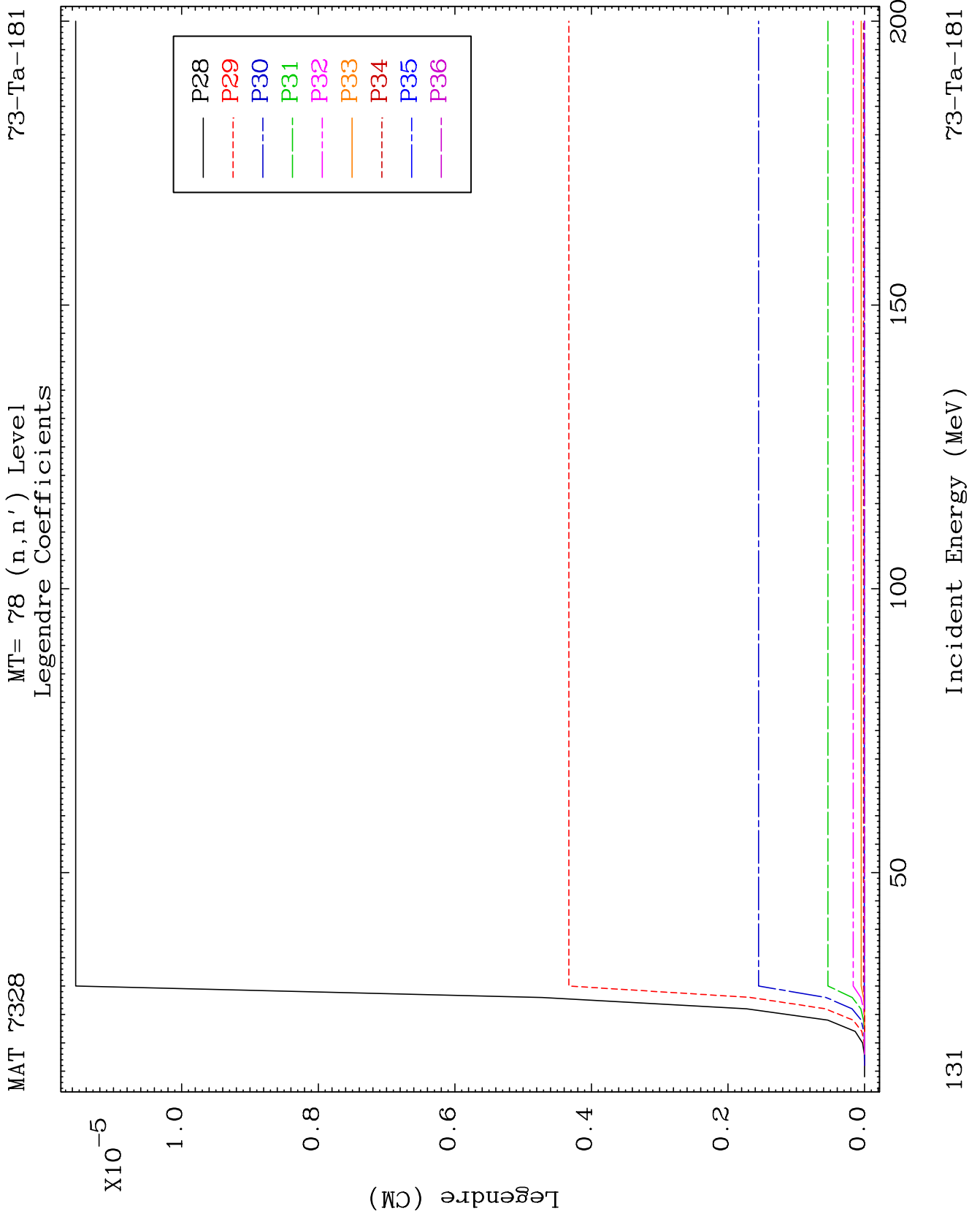








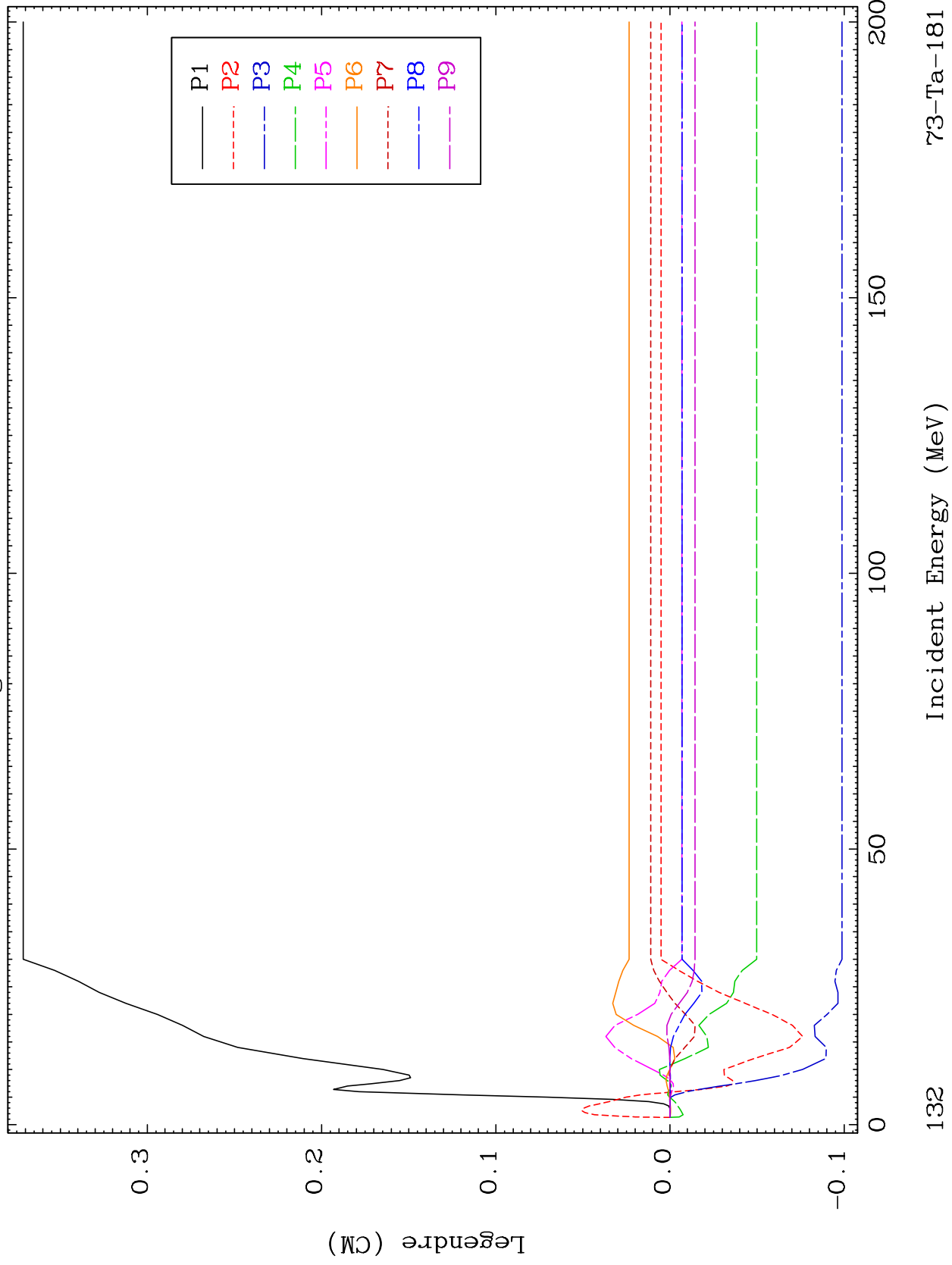




MAT 7328

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

73-Ta-181



73-Ta-181

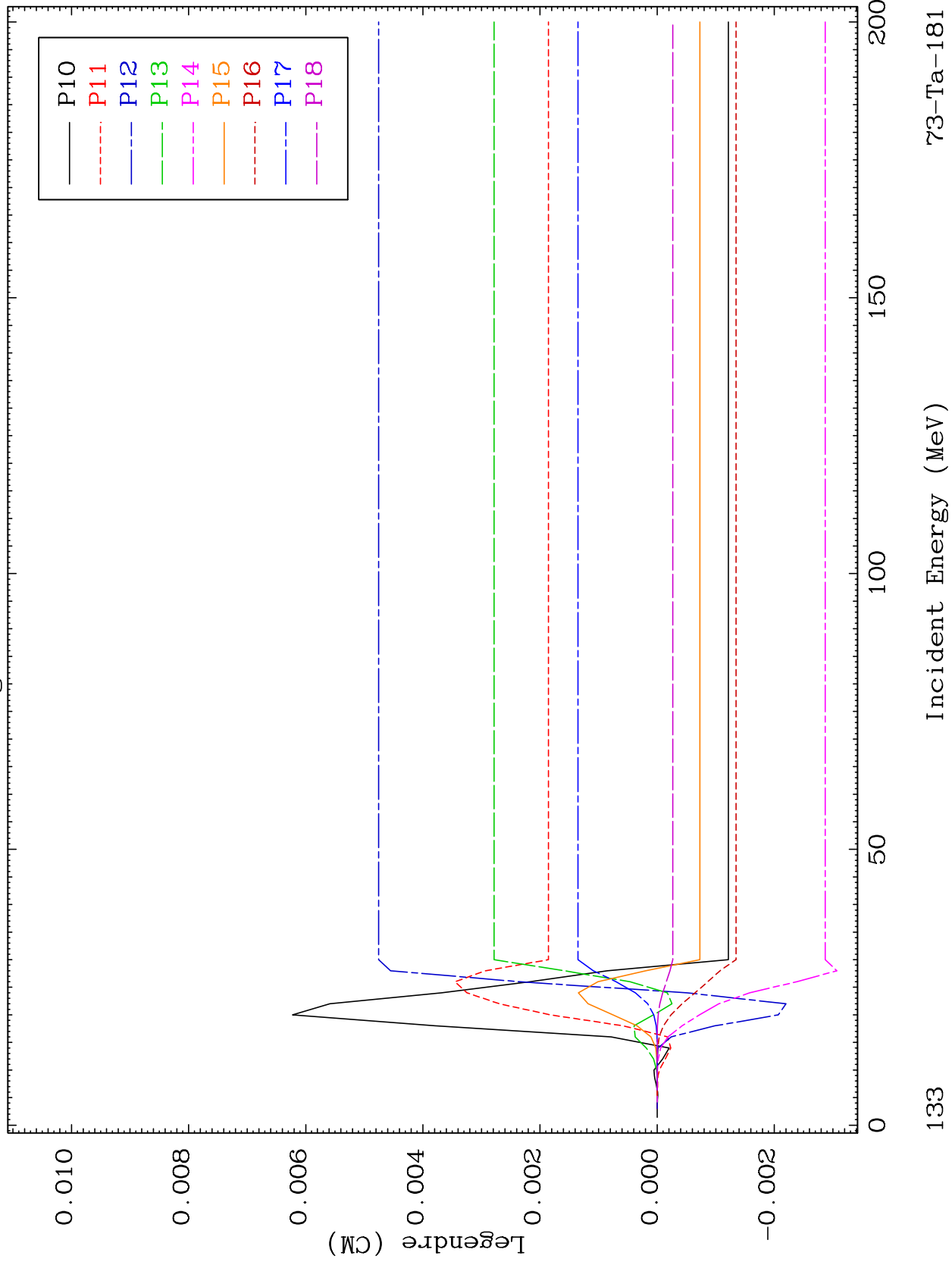
Incident Energy (MeV)

132

MAT 7328

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

73-Ta-181



133

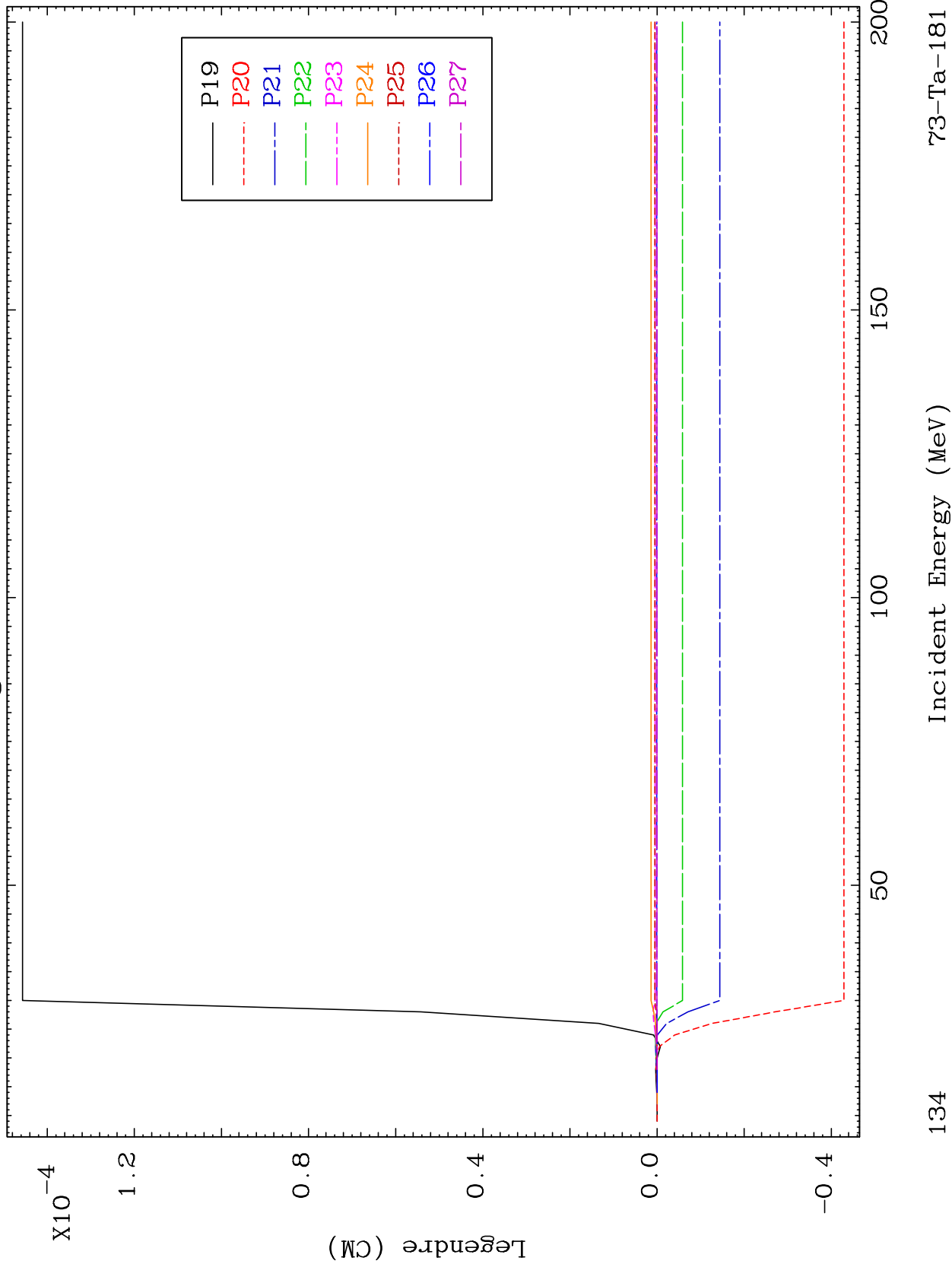
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

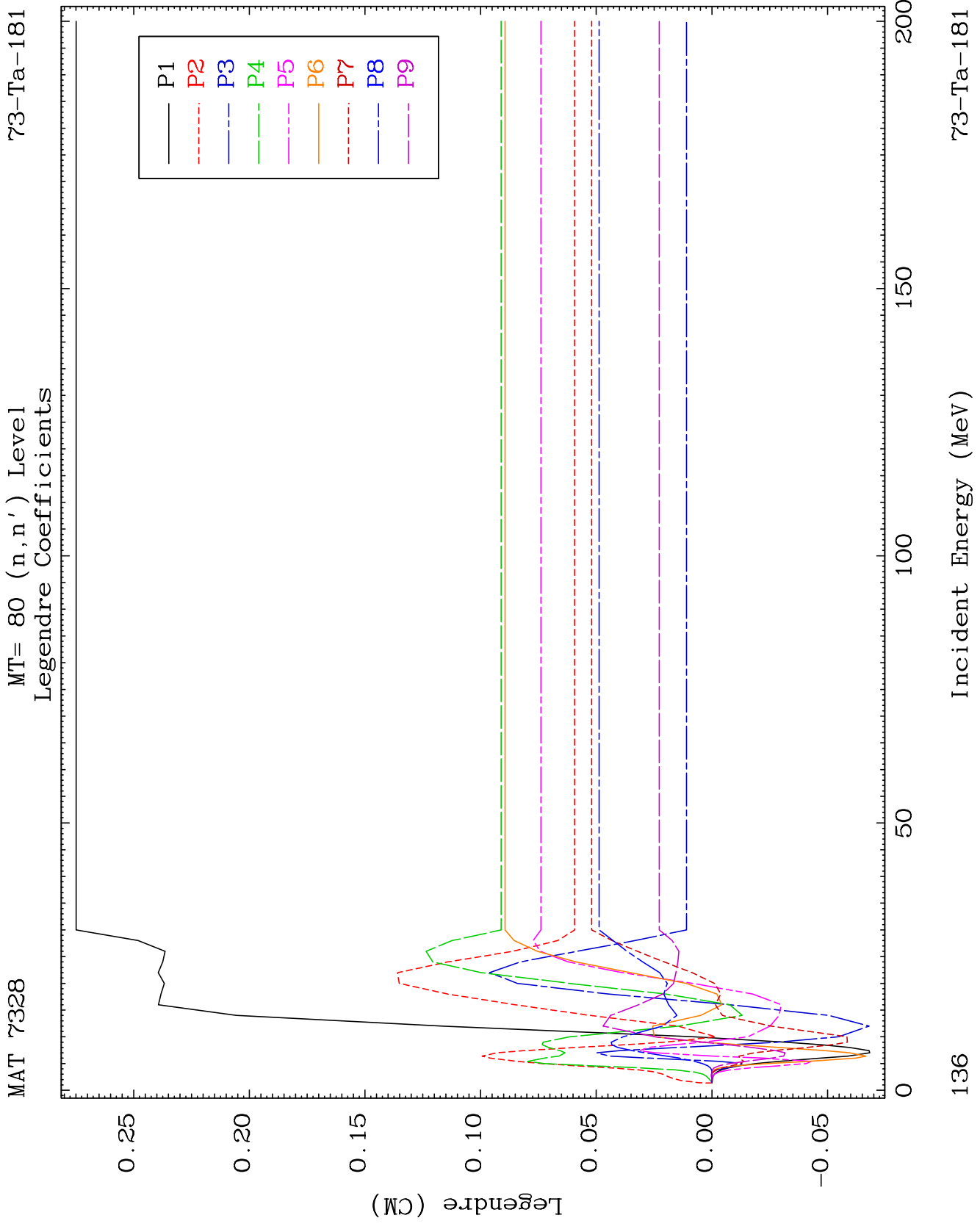
73-Ta-181



134



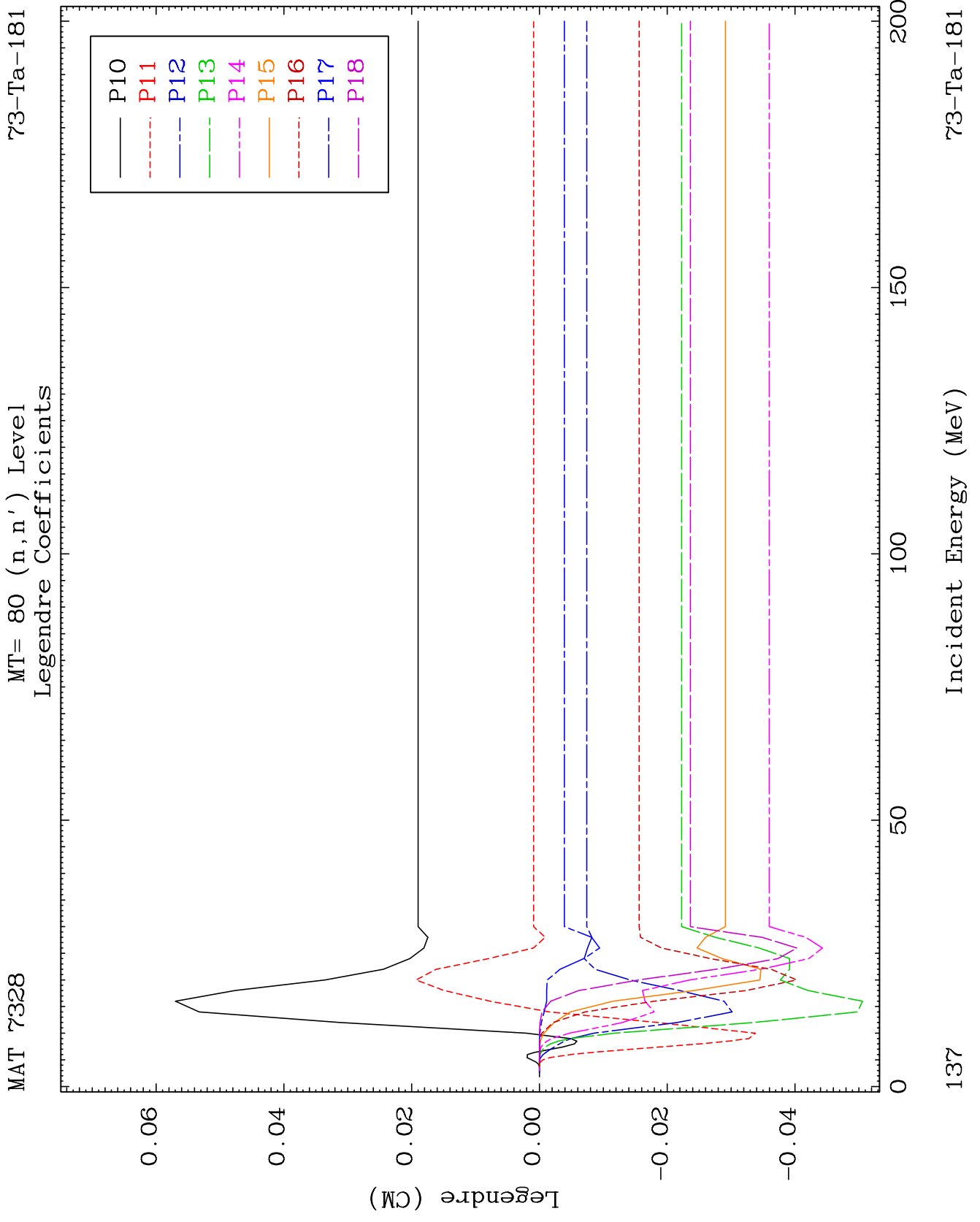


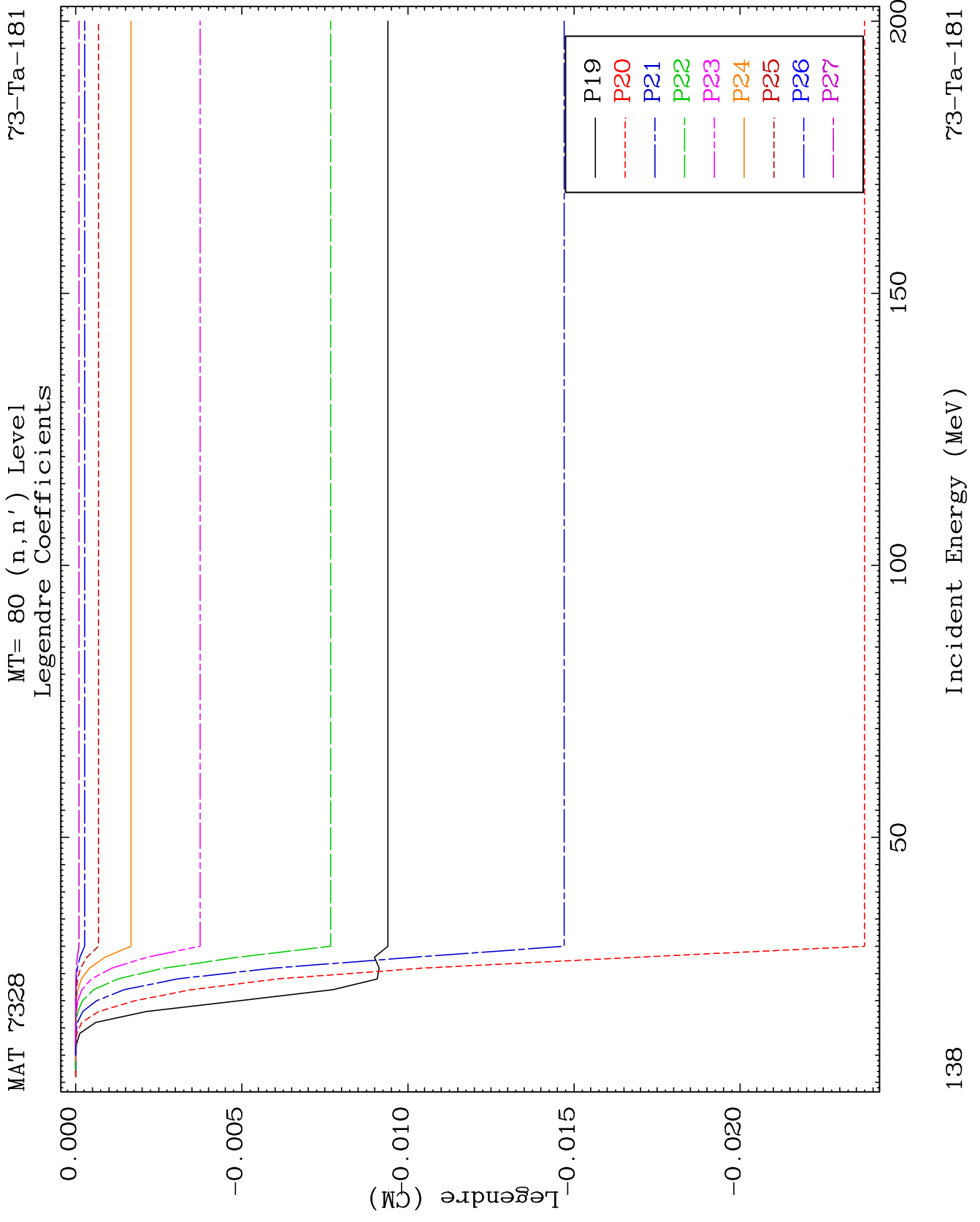


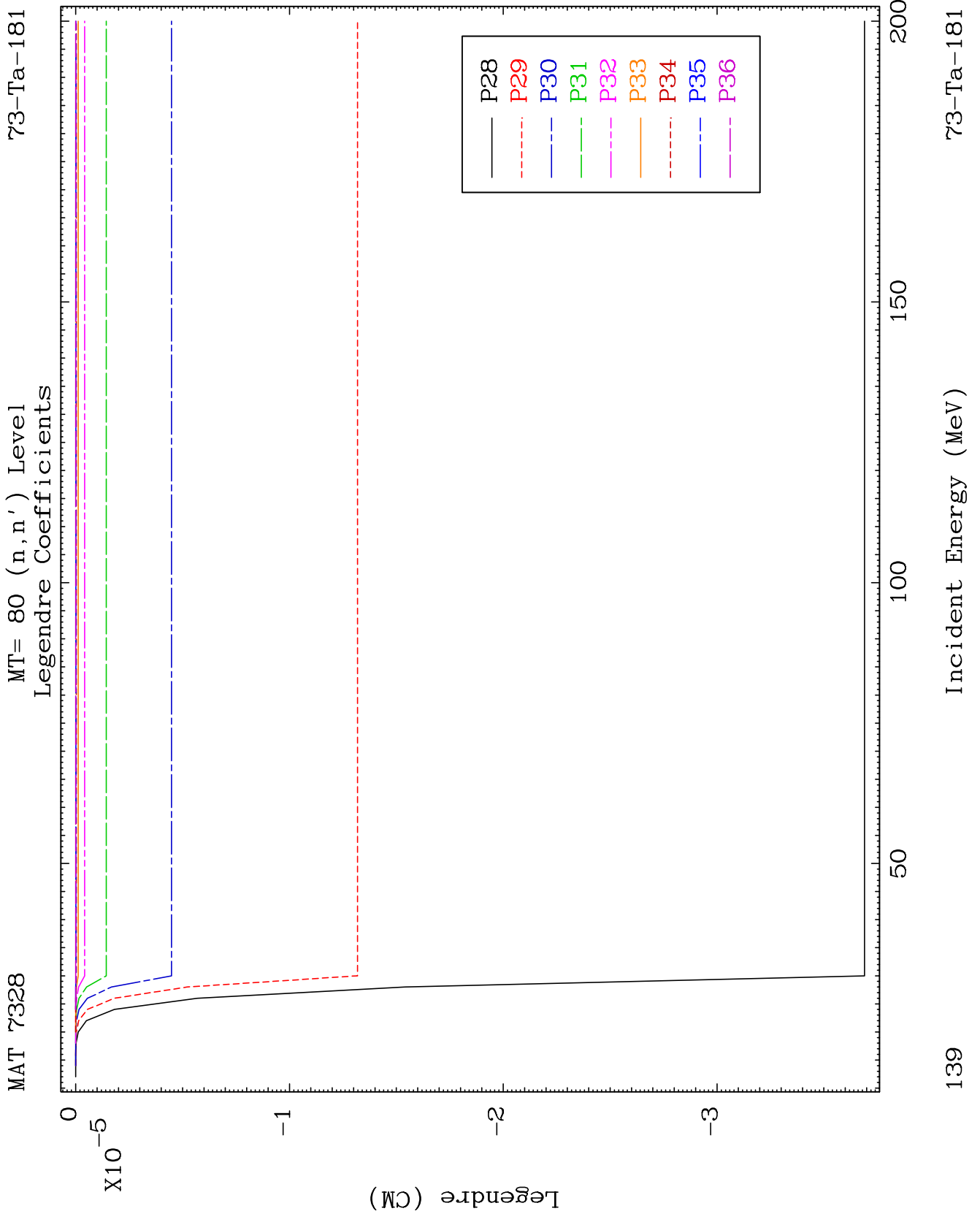
73-Ta-181

Incident Energy (MeV)

136





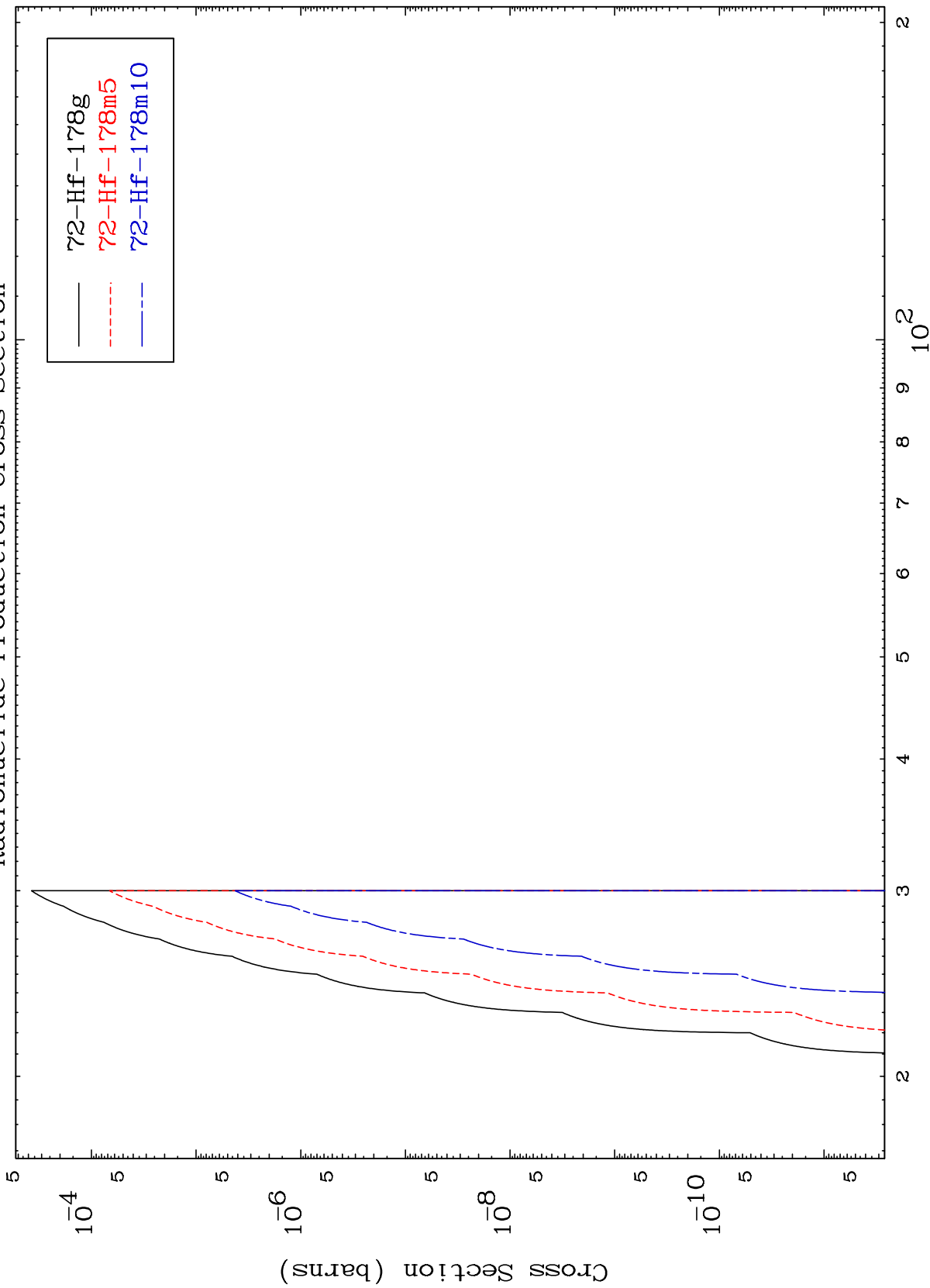


MAT 7328

(n,2n) d

73-Ta-181

Radionuclide Production Cross Section



72-Hf-178g  
72-Hf-178m5  
72-Hf-178m10

140

Incident Energy (MeV)

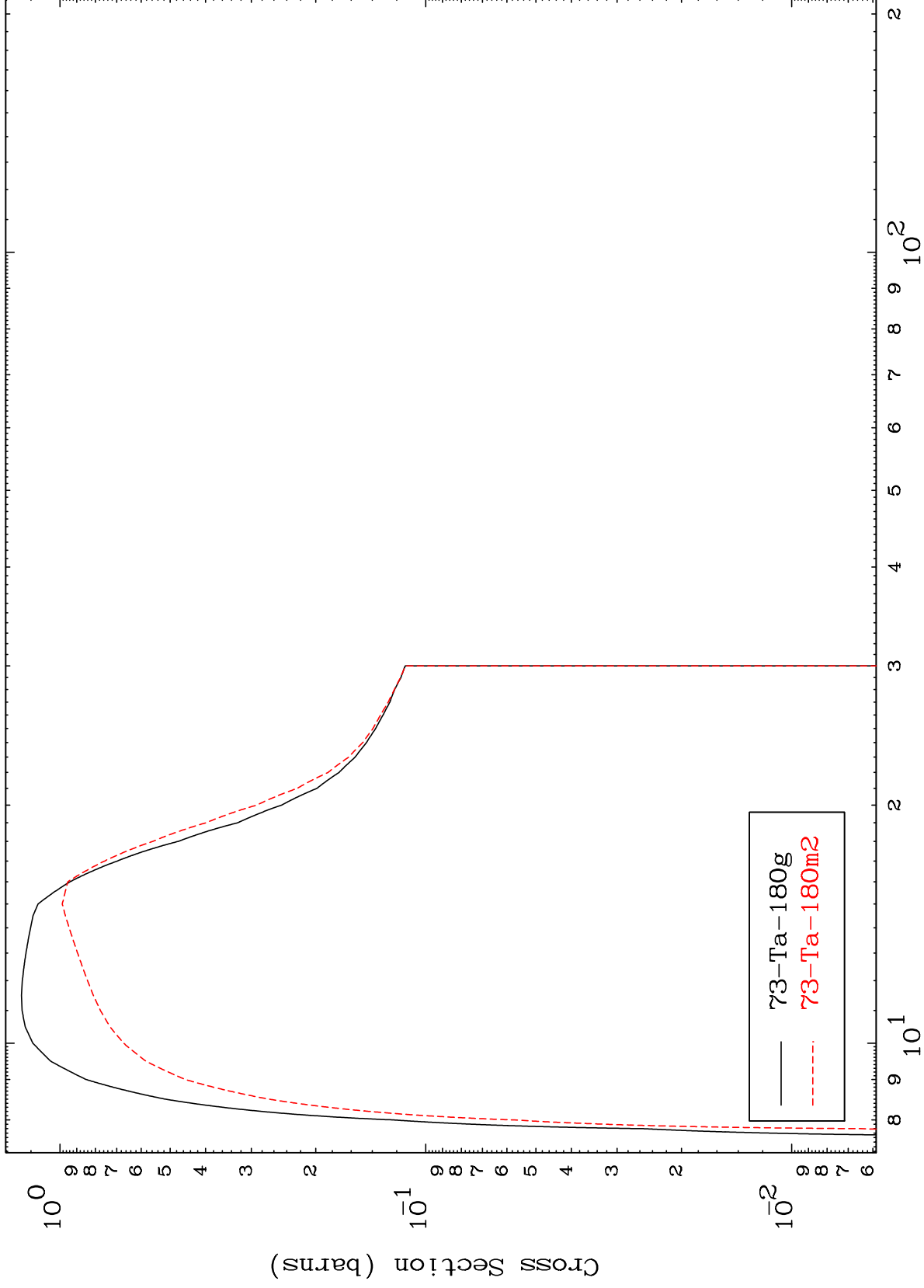
73-Ta-181

MAT 7328

(n,2n)

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



141

Incident Energy (MeV)

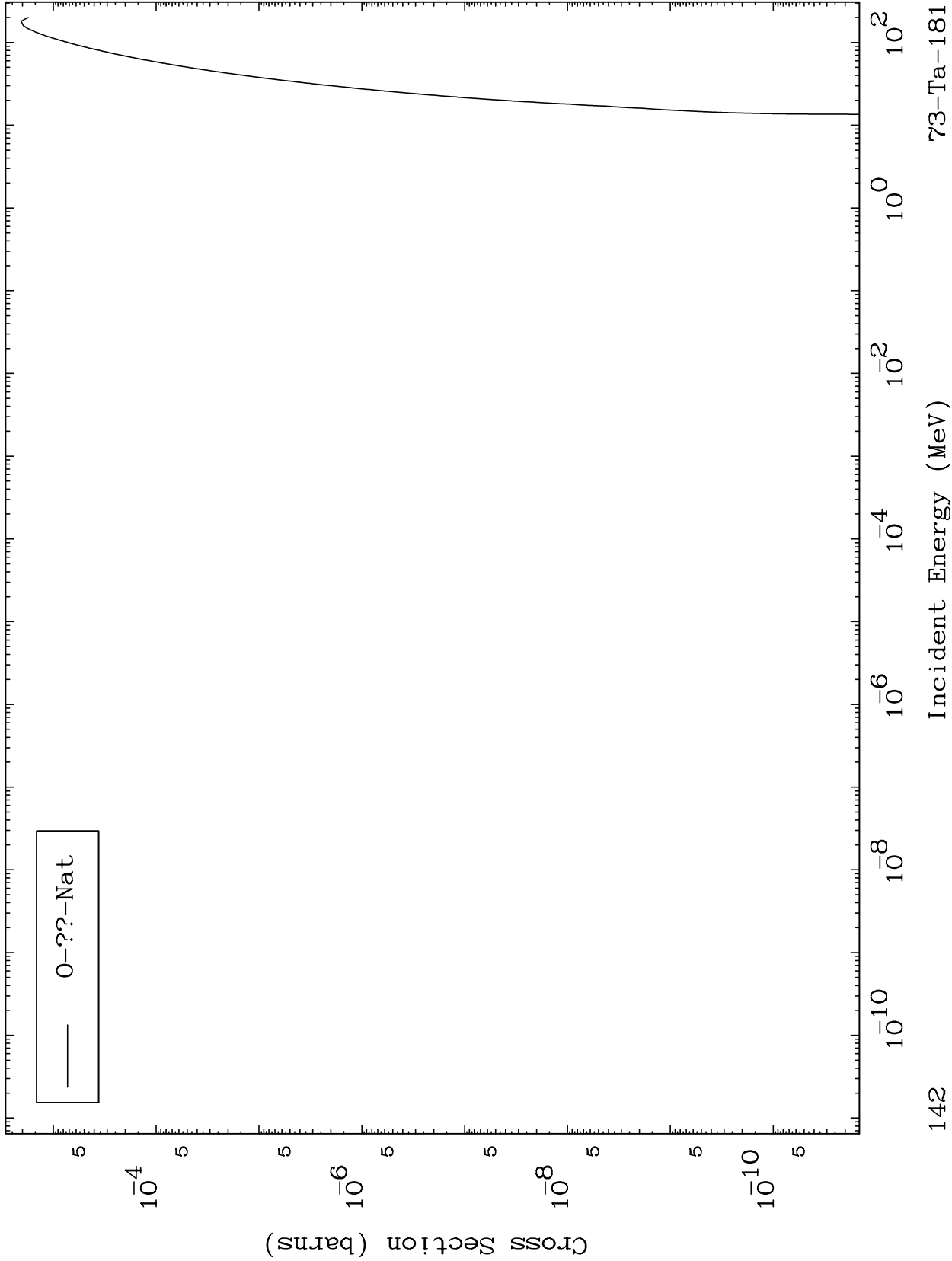
<sup>73</sup>Ta-181

MAT 7328

Fission

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



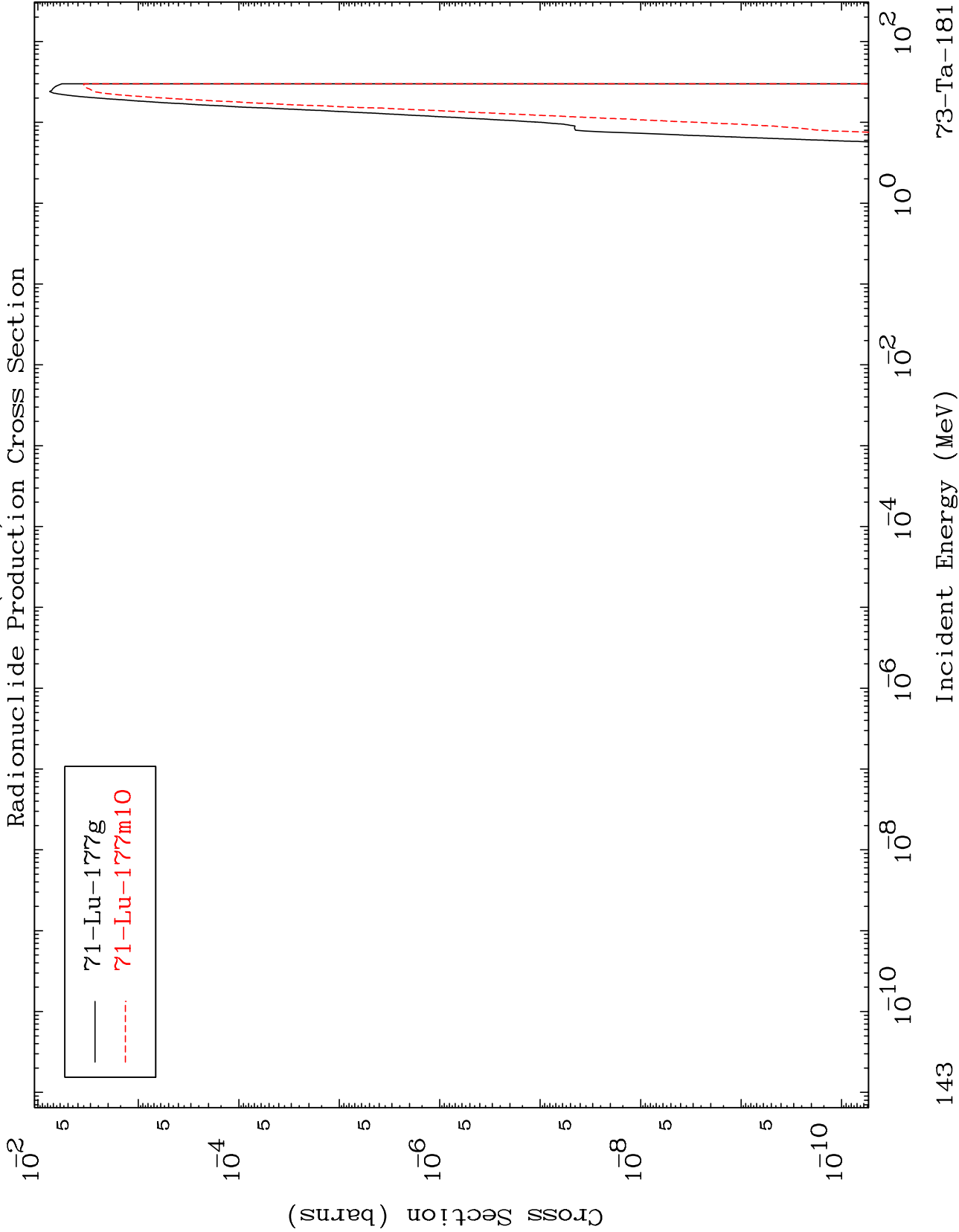
142

<sup>73</sup>Ta-181

MAT 7328

$(n, n') \alpha$

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



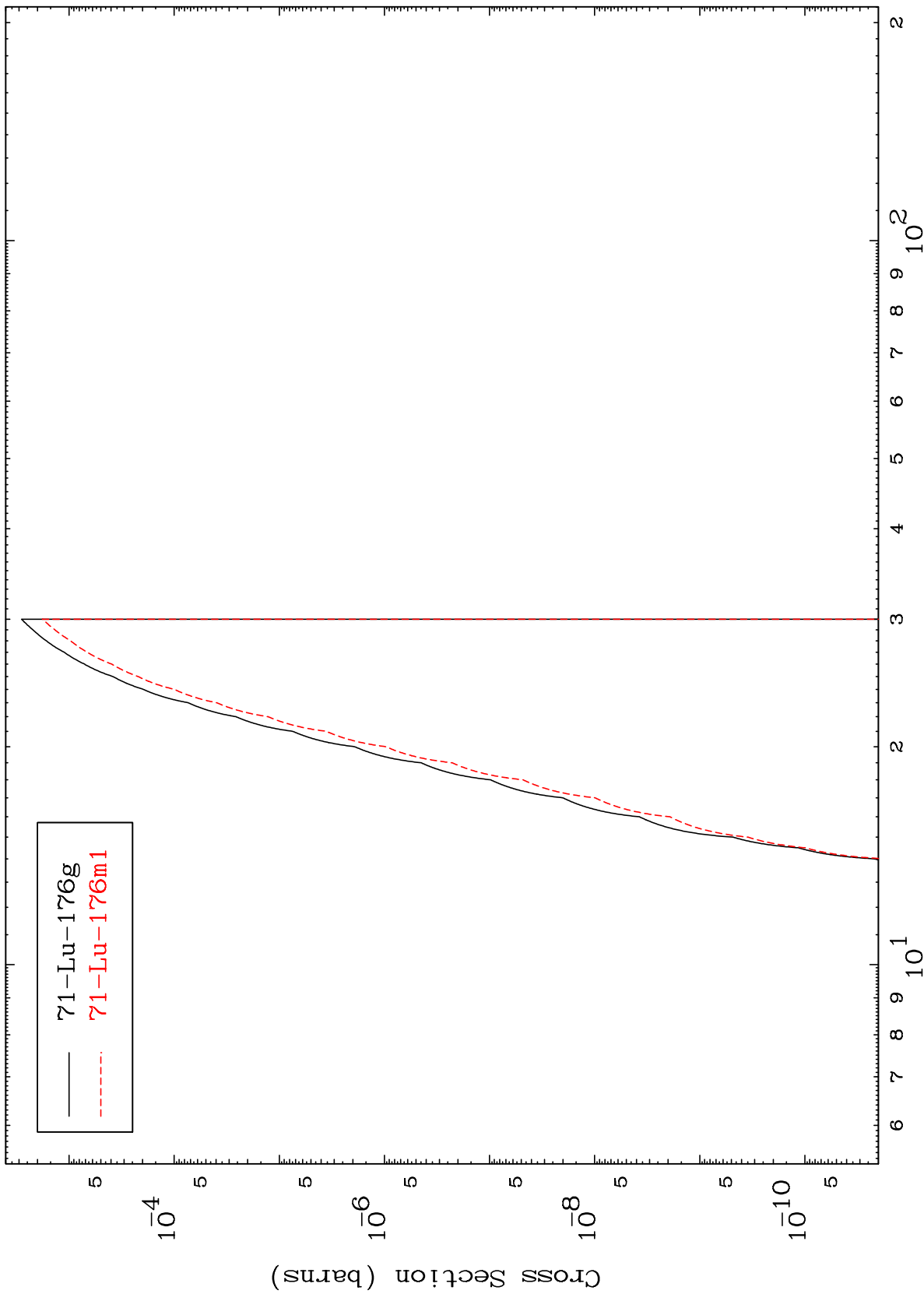


MAT 7328

<sup>73</sup>Ta-181

(n,2n) α

Radionuclide Production Cross Section



— 71-Lu-176g  
- - - 71-Lu-176m1

<sup>73</sup>Ta-181

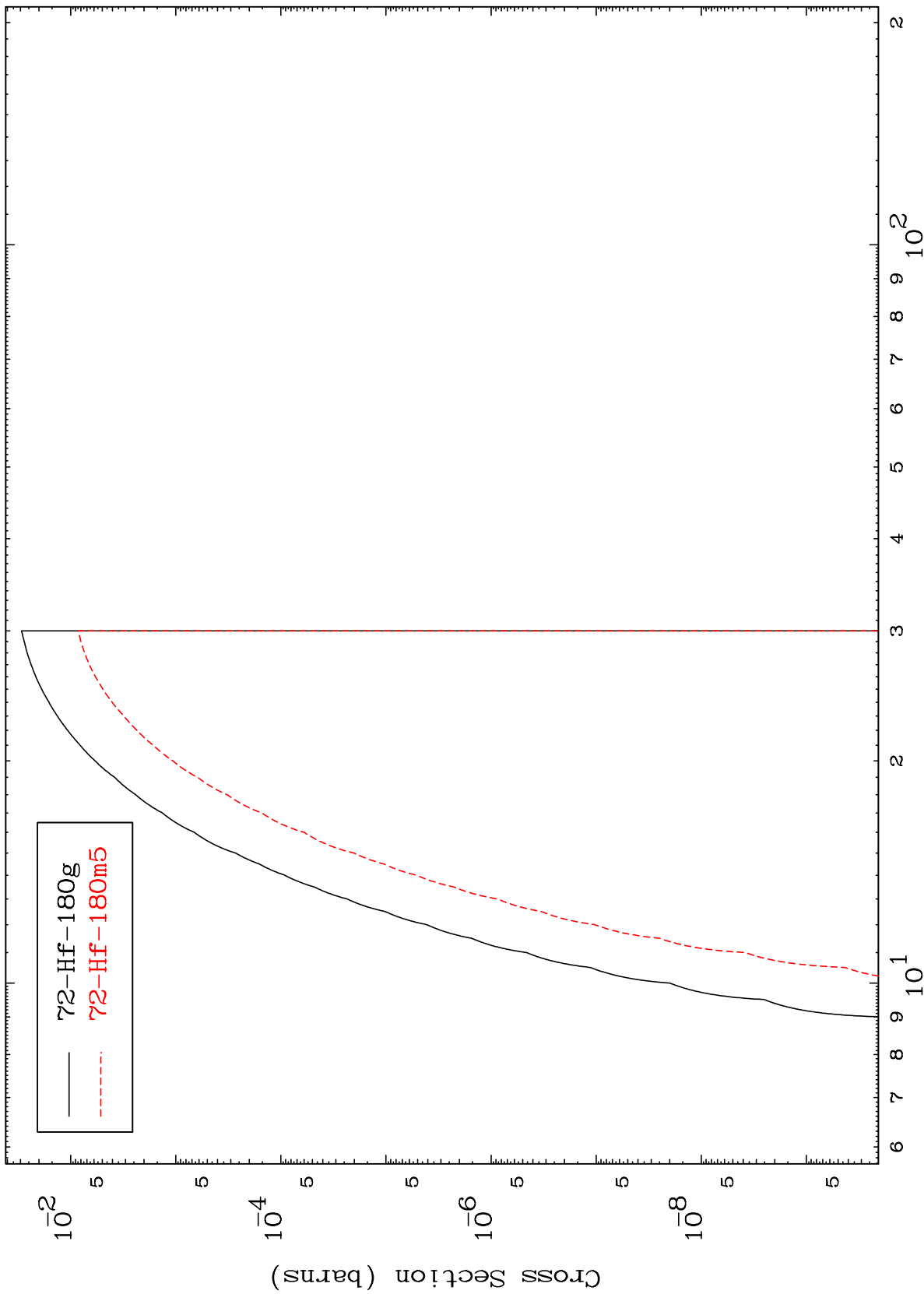
Incident Energy (MeV)

144

MAT 7328

73-Ta-181

(n,n') p  
Radionuclide Production Cross Section



145

73-Ta-181

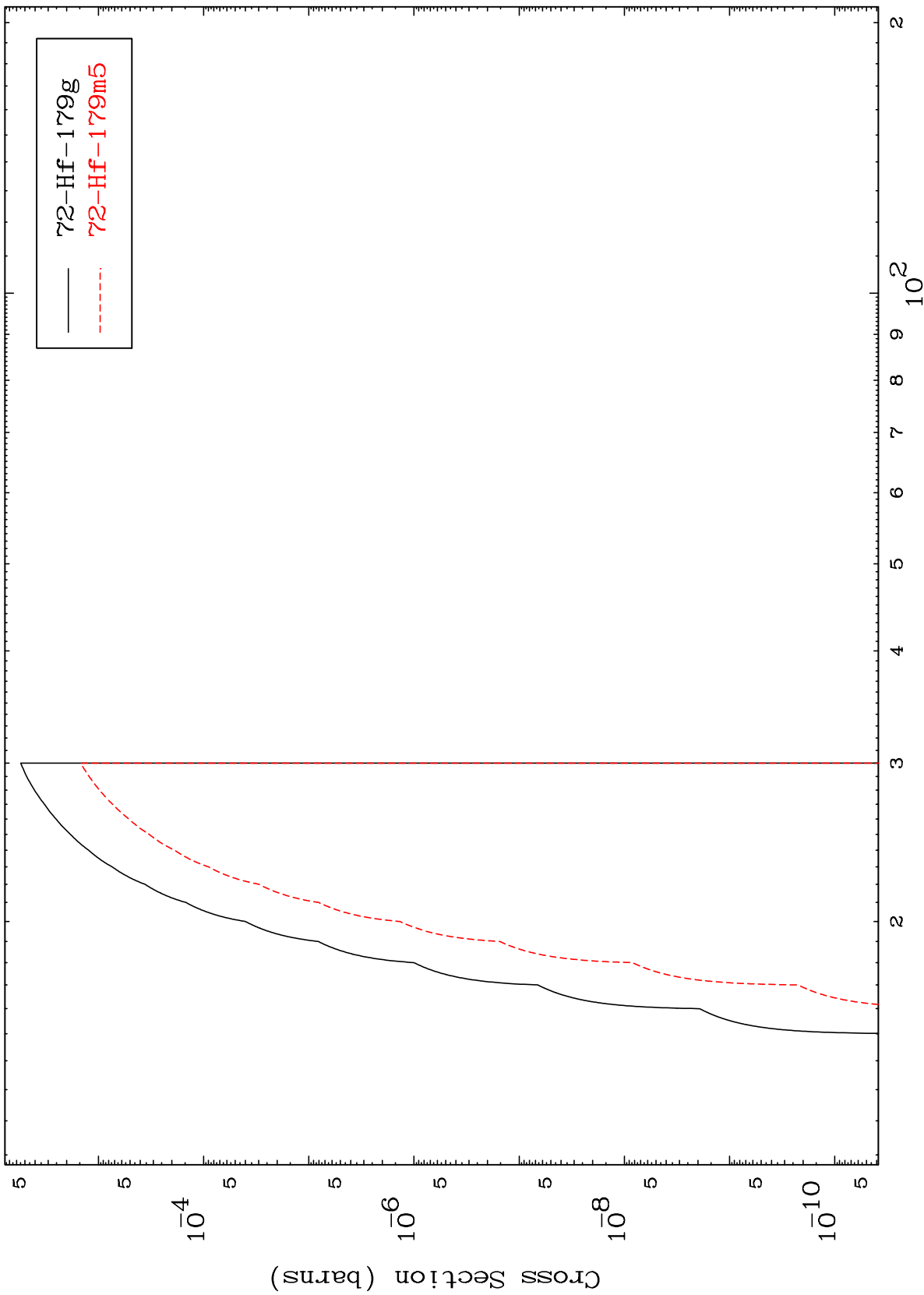
Incident Energy (MeV)

MAT 7328

(n,n') d

73-Ta-181

Radionuclide Production Cross Section



146

Incident Energy (MeV)

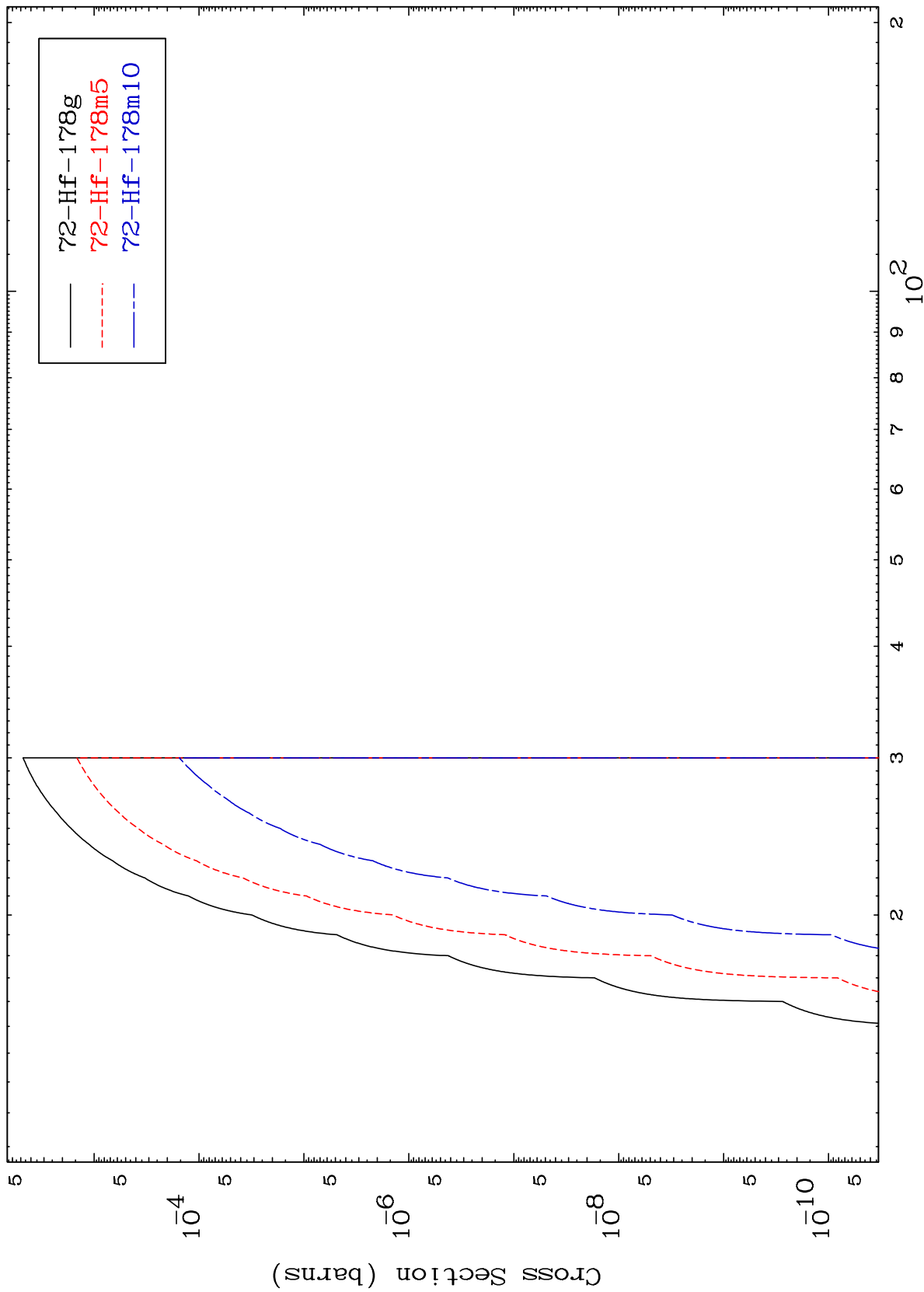
73-Ta-181

MAT 7328

(n,n') t

73-Ta-181

Radionuclide Production Cross Section



147

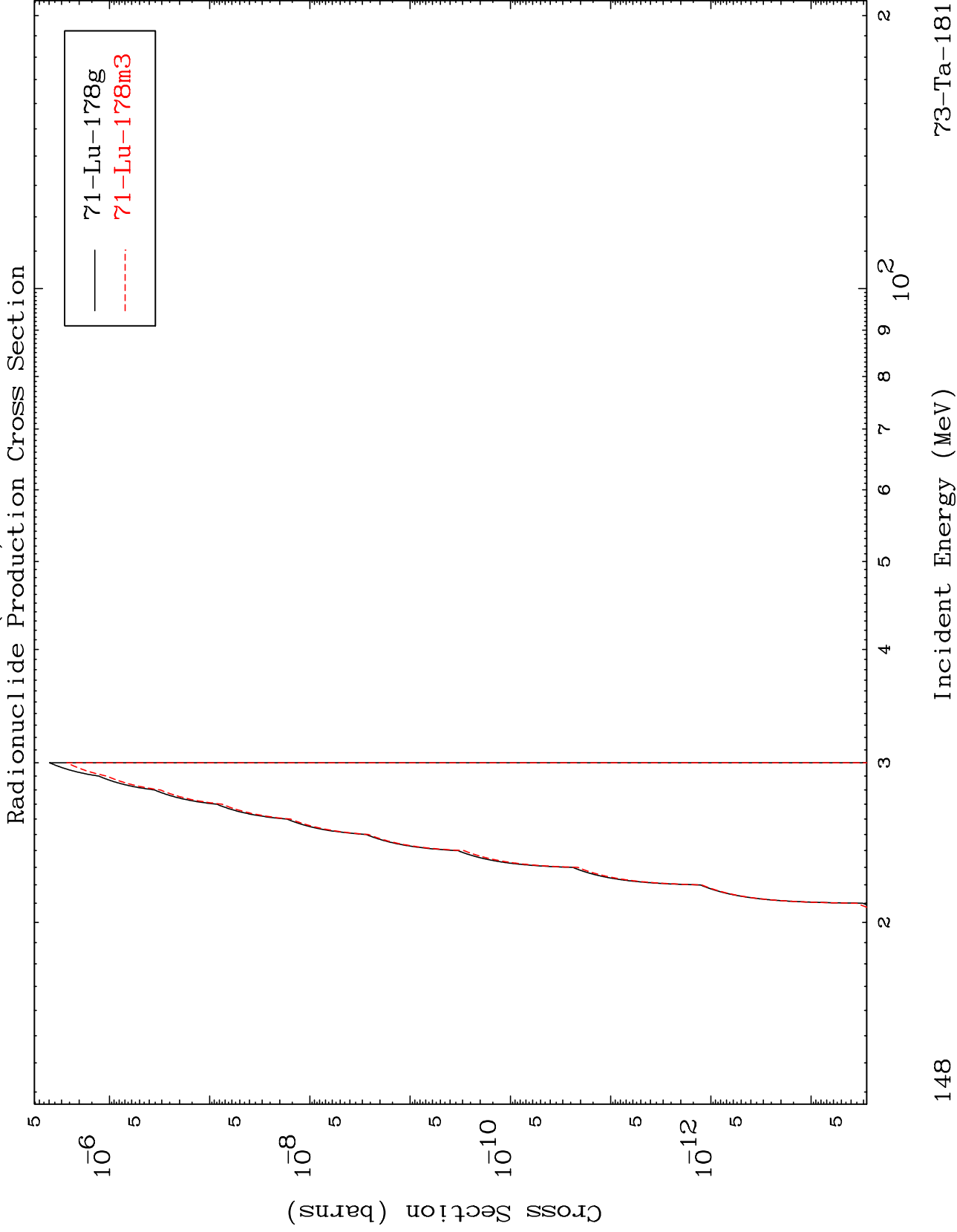
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,n') He-3

73-Ta-181



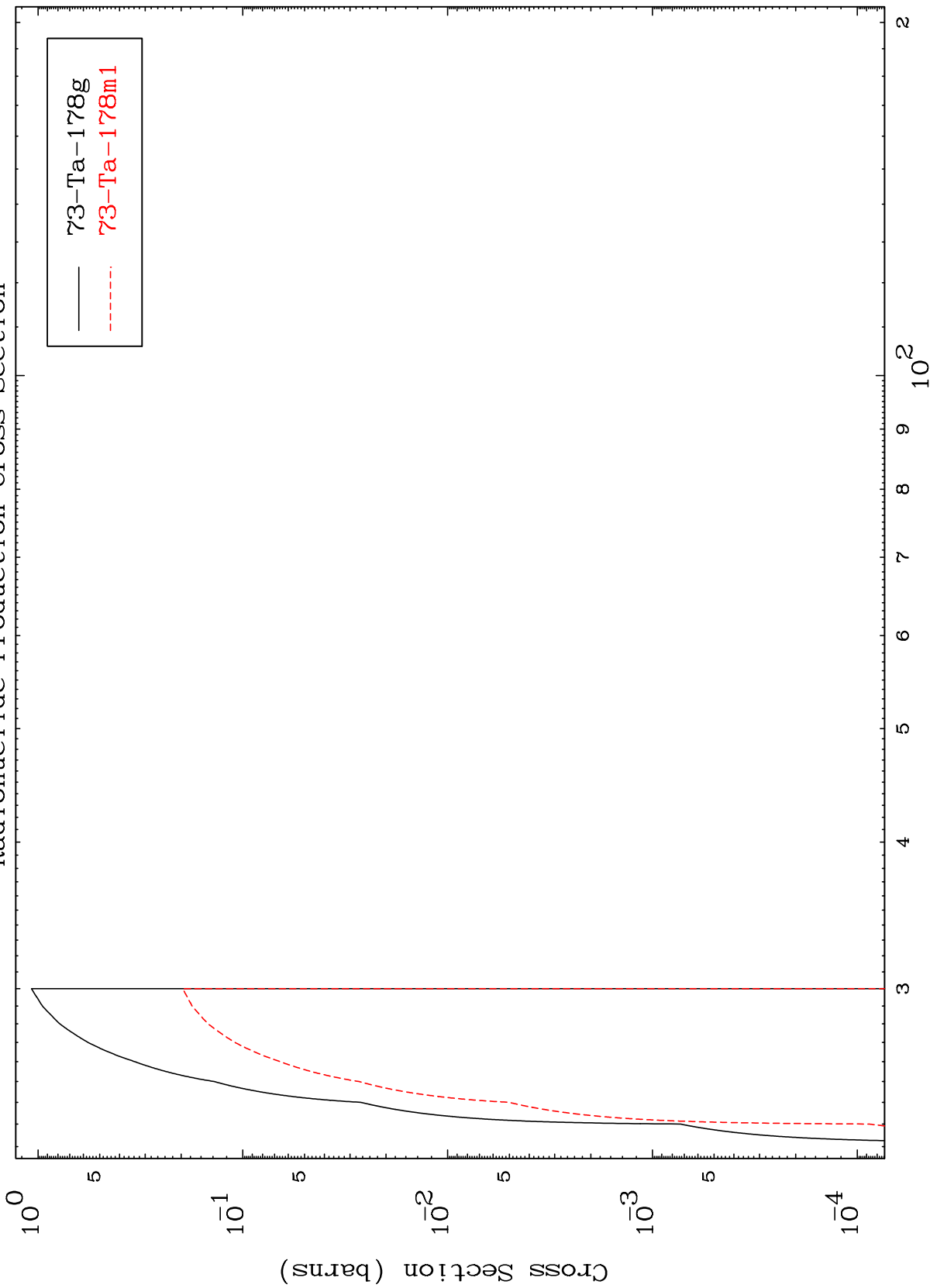
148

73-Ta-181

MAT 7328

73-Ta-181

(n,4n)  
Radionuclide Production Cross Section



149

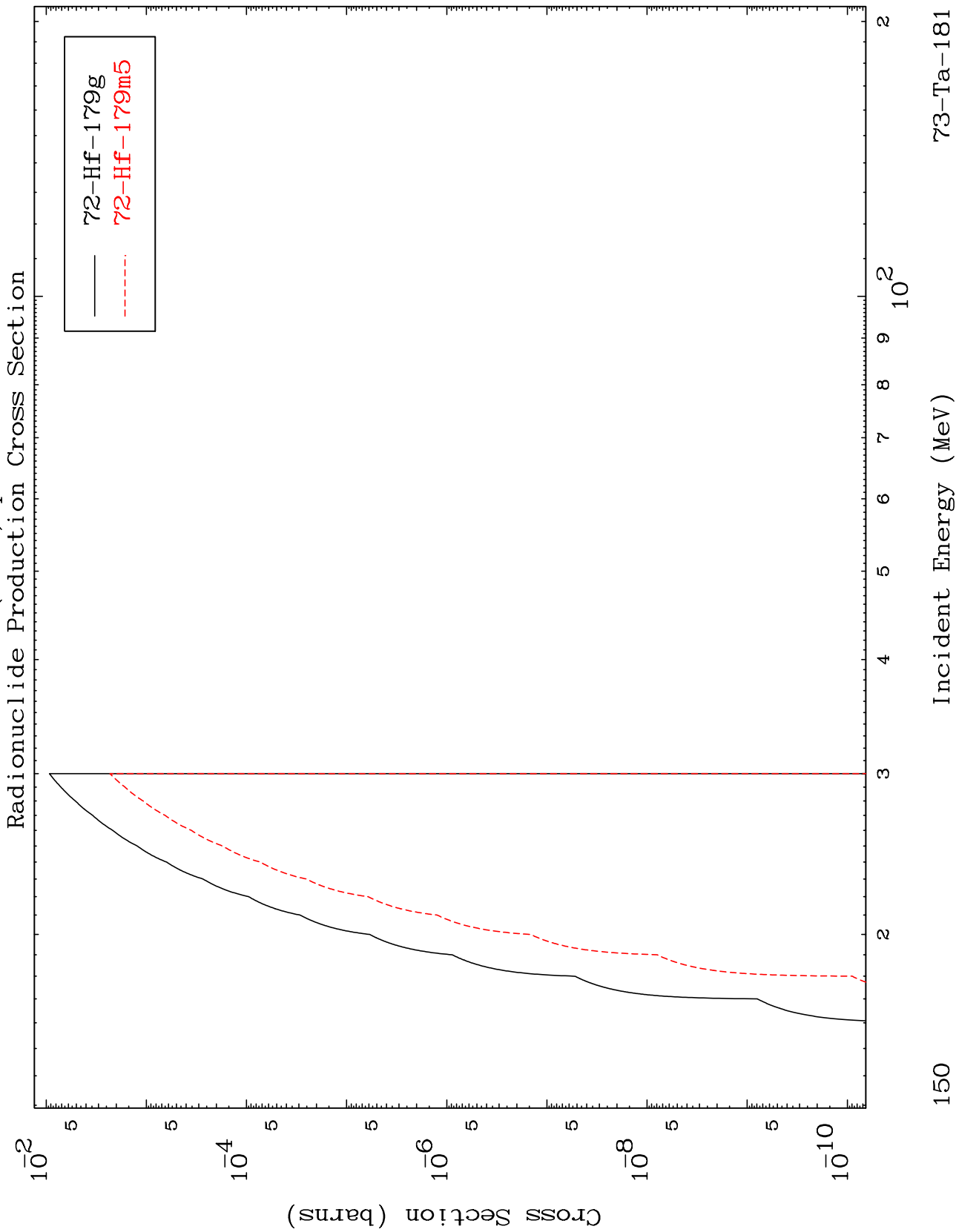
73-Ta-181

Incident Energy (MeV)

MAT 7328

(n,2n) p

73-Ta-181



150

Incident Energy (MeV)

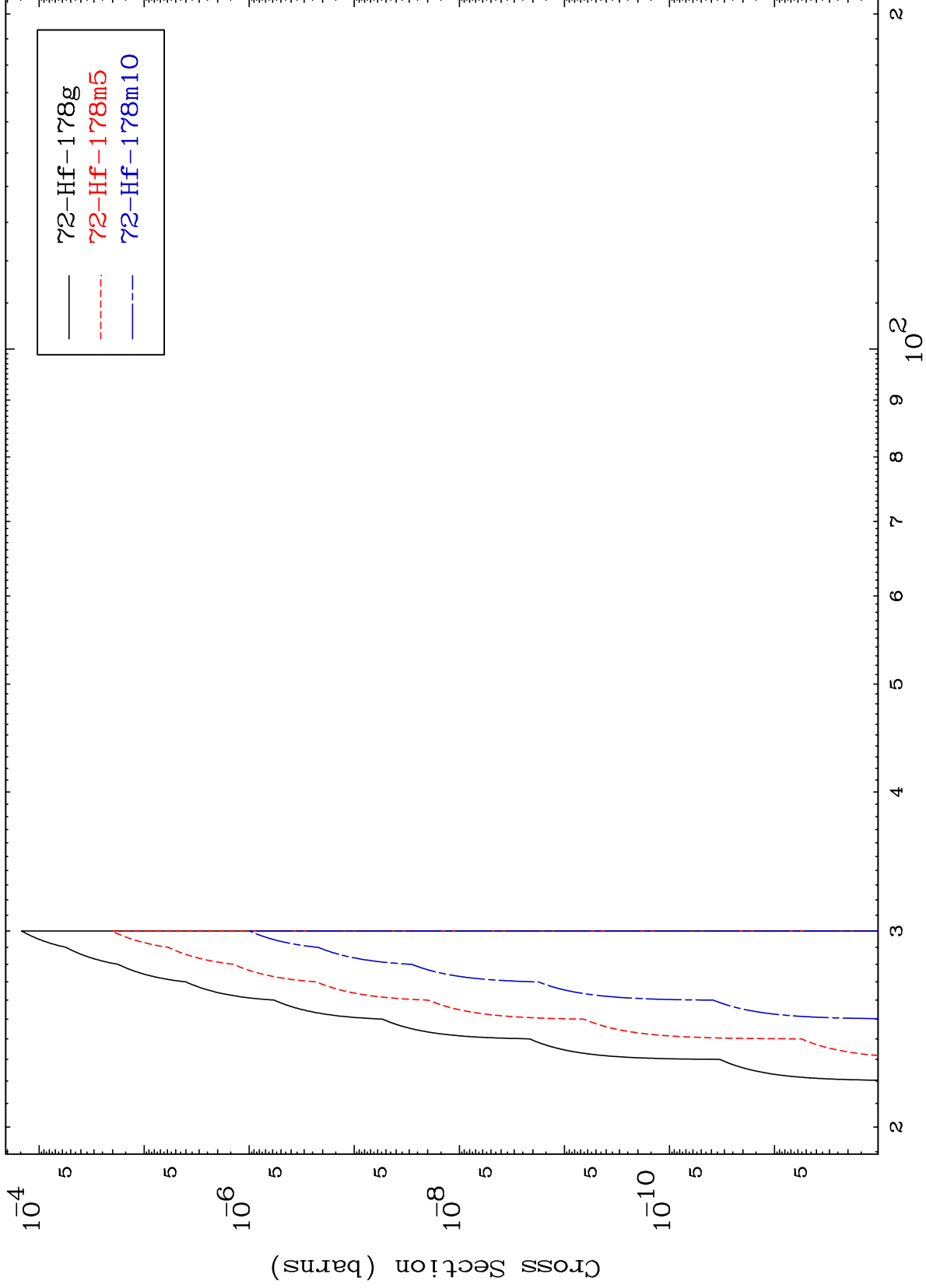
73-Ta-181

MAT 7328

(n,3n) p

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



151

Incident Energy (MeV)

<sup>73</sup>Ta-181

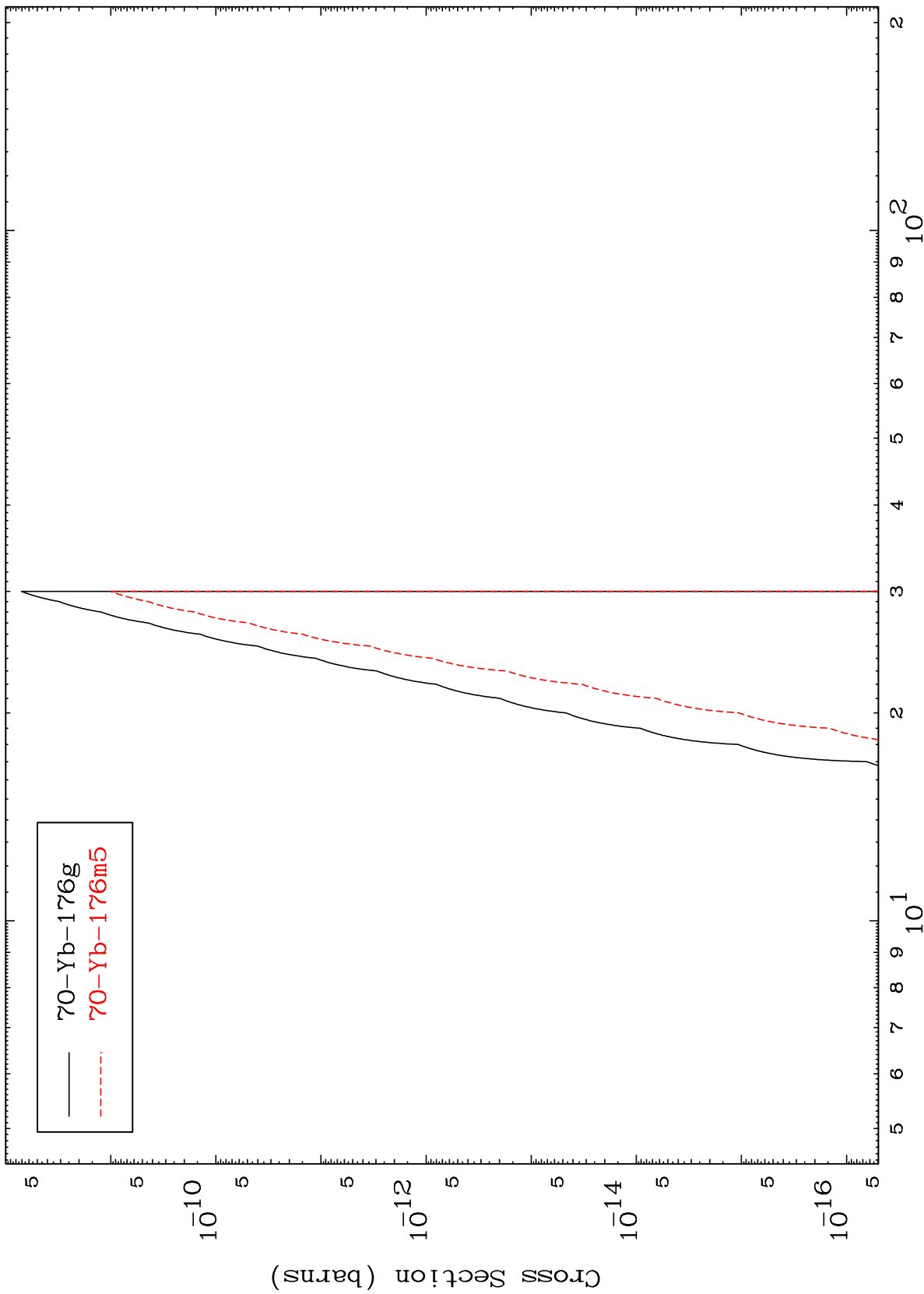


MAT 7328

73-Ta-181

(n,n') p  $\alpha$

Radionuclide Production Cross Section



— 70-Yb-176g  
- - - 70-Yb-176m5

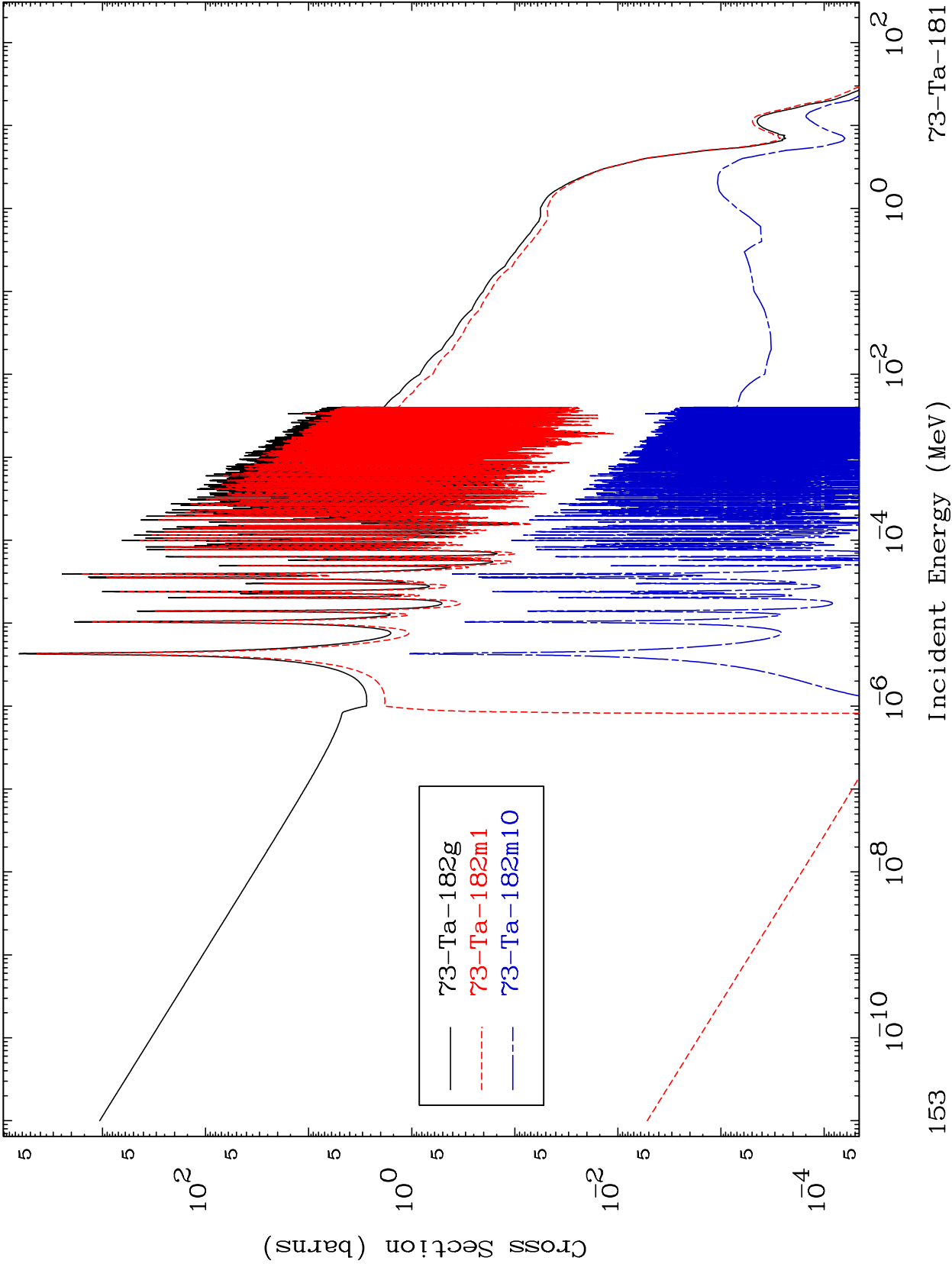
73-Ta-181

Incident Energy (MeV)

152

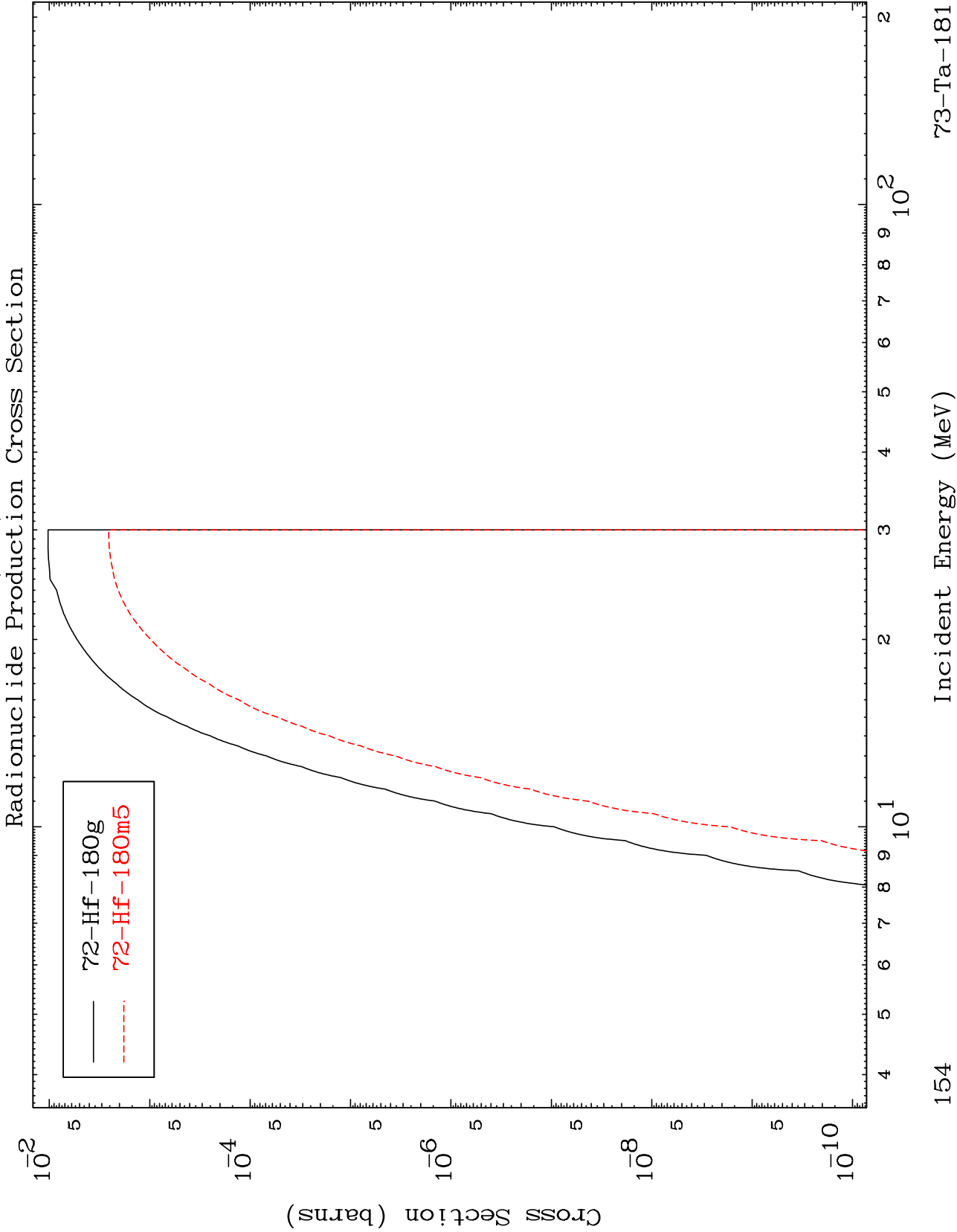
Radionuclide Production Cross Section

(n,γ)



MAT 7328

73-Ta-181

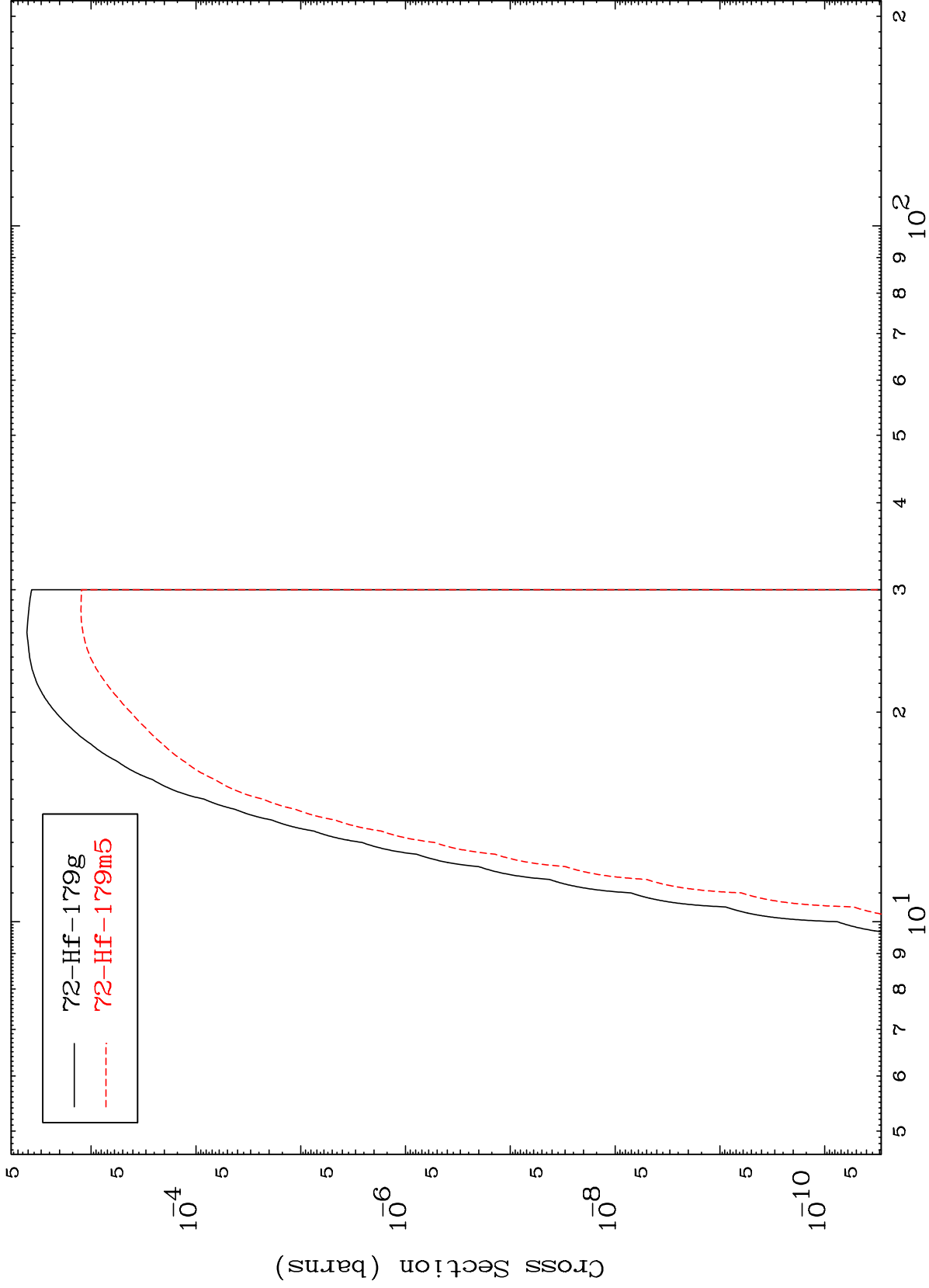


154

MAT 7328

<sup>73</sup>Ta-181

Radionuclide Production Cross Section (n, t)



155

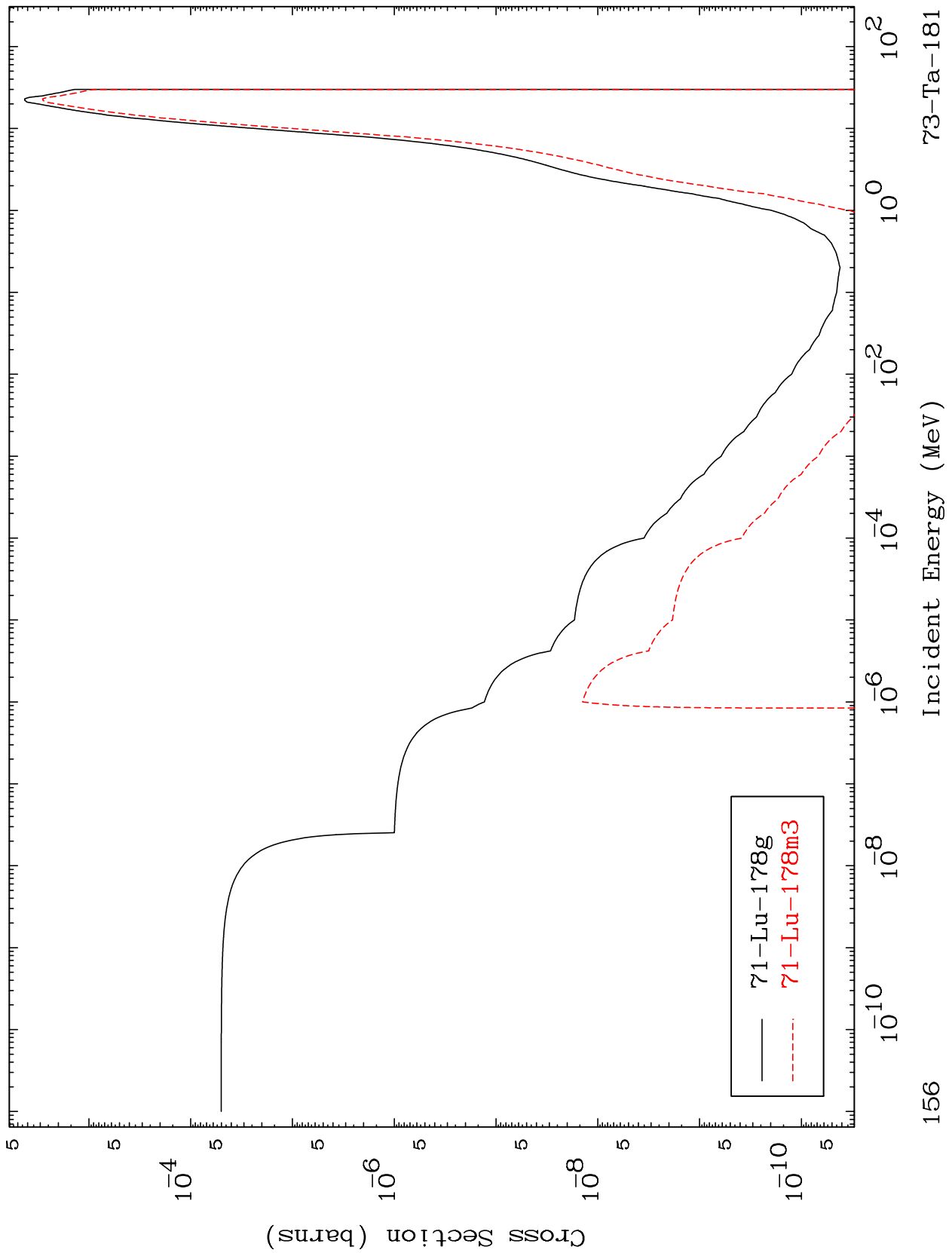
Incident Energy (MeV)

<sup>73</sup>Ta-181

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73-Ta-181

Radionuclide Production Cross Section

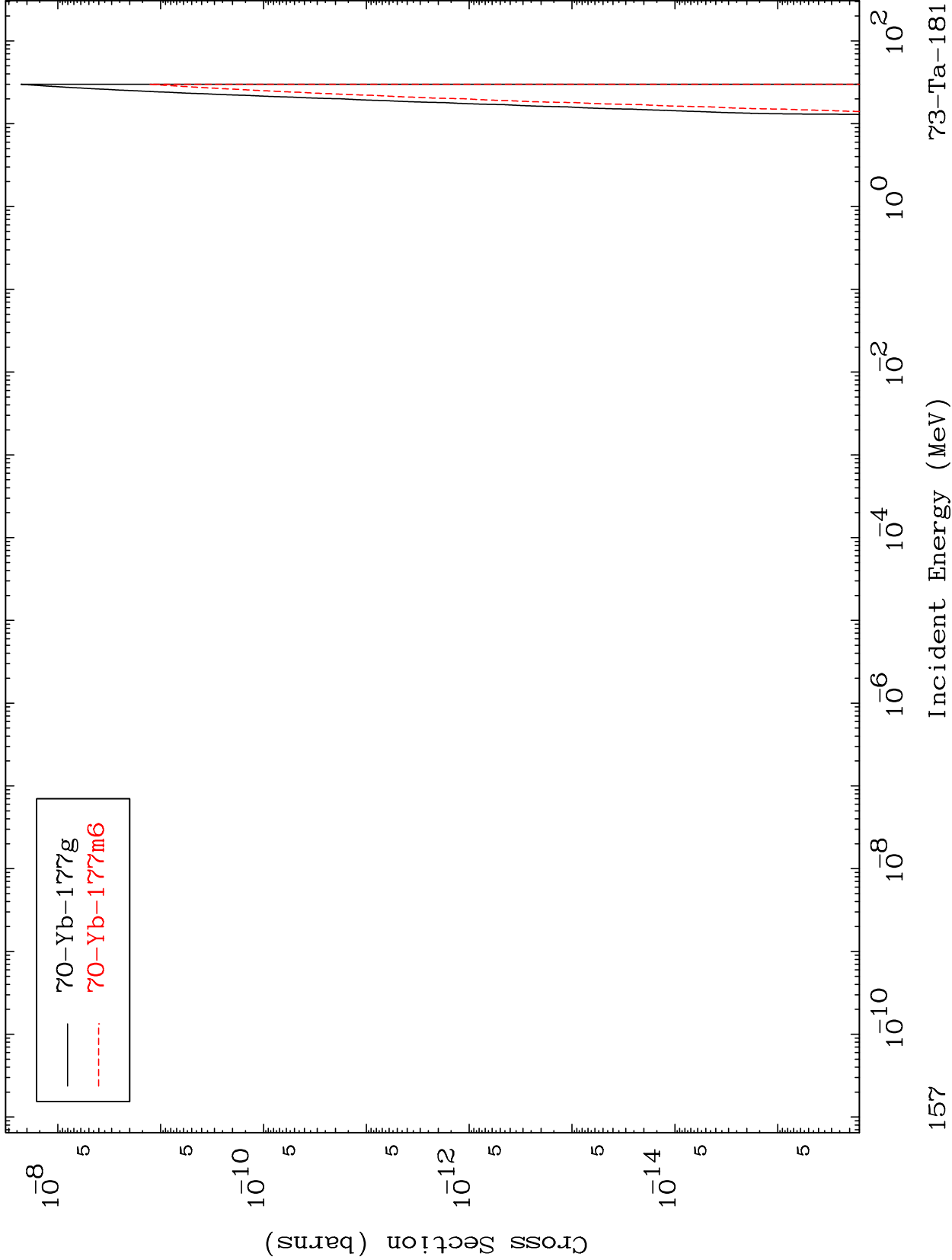


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(n,p)  $\alpha$

<sup>73</sup>Ta-181

Radionuclide Production Cross Section



157

Incident Energy (MeV)

<sup>73</sup>Ta-181