

Program EVALPLOT
(Version 2021-1)

by

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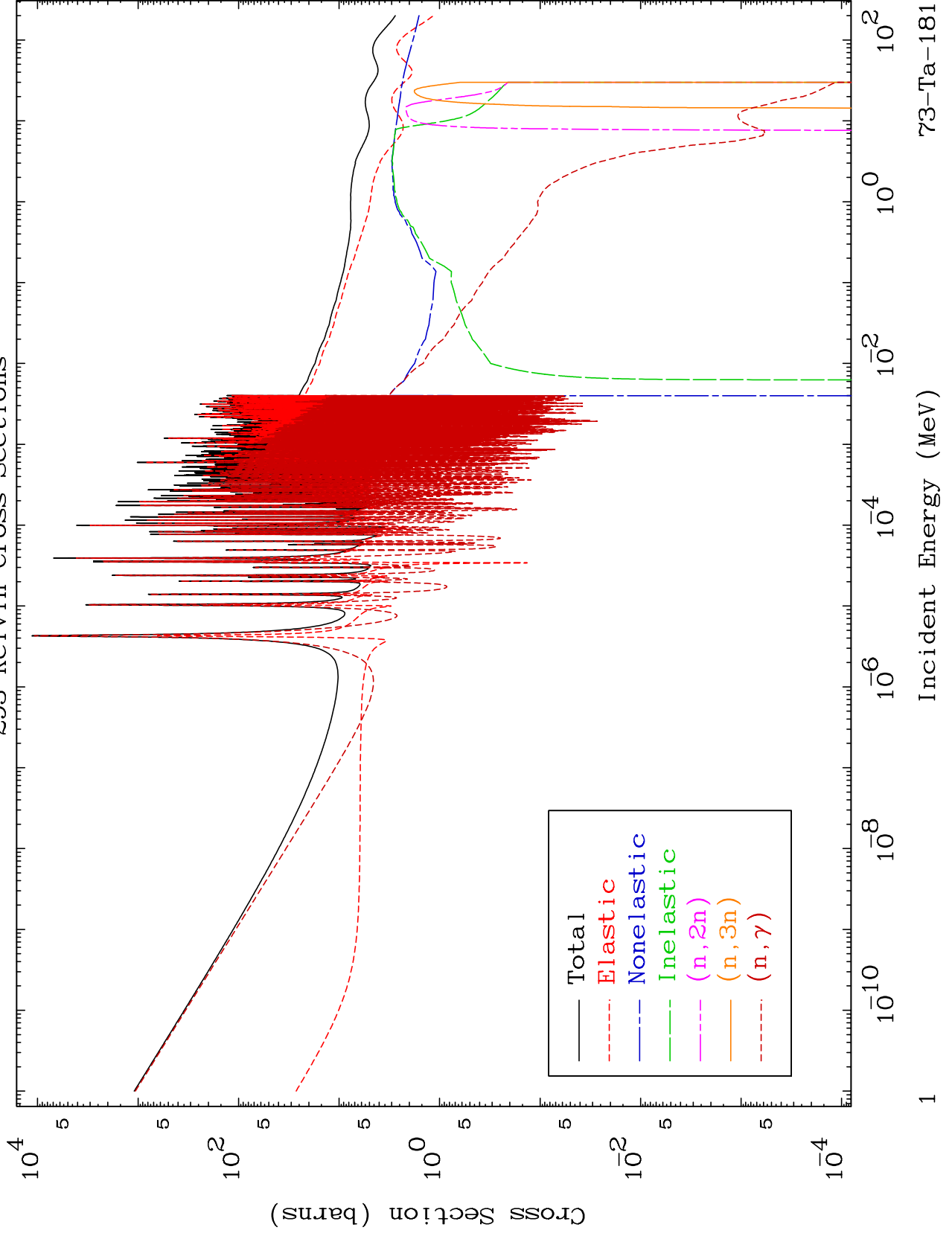
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7328

Neutron Major
293 Kelvin Cross Sections

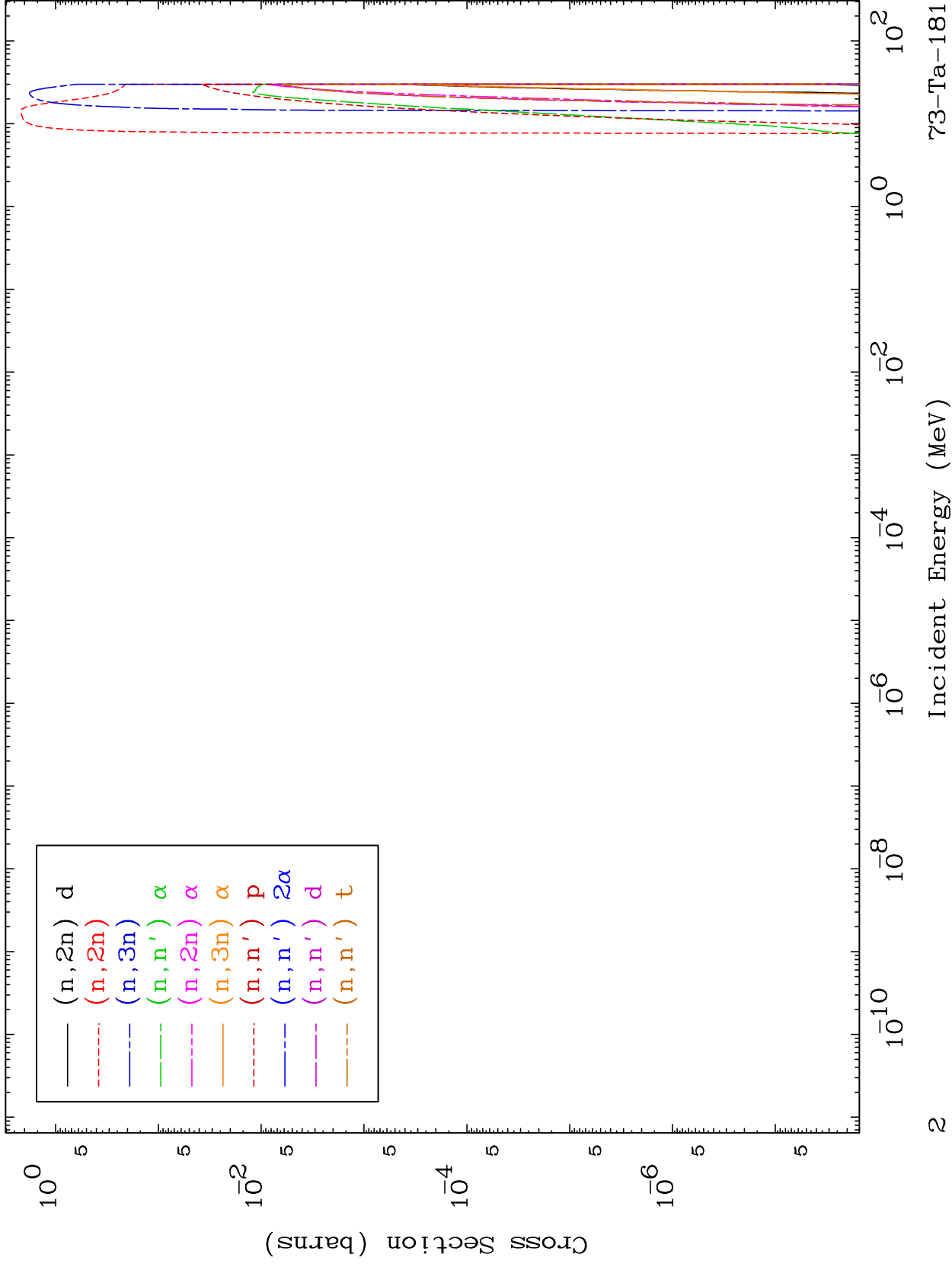
73-Ta-181



MAT 7328

Neutron Absorption
293 Kelvin Cross Sections

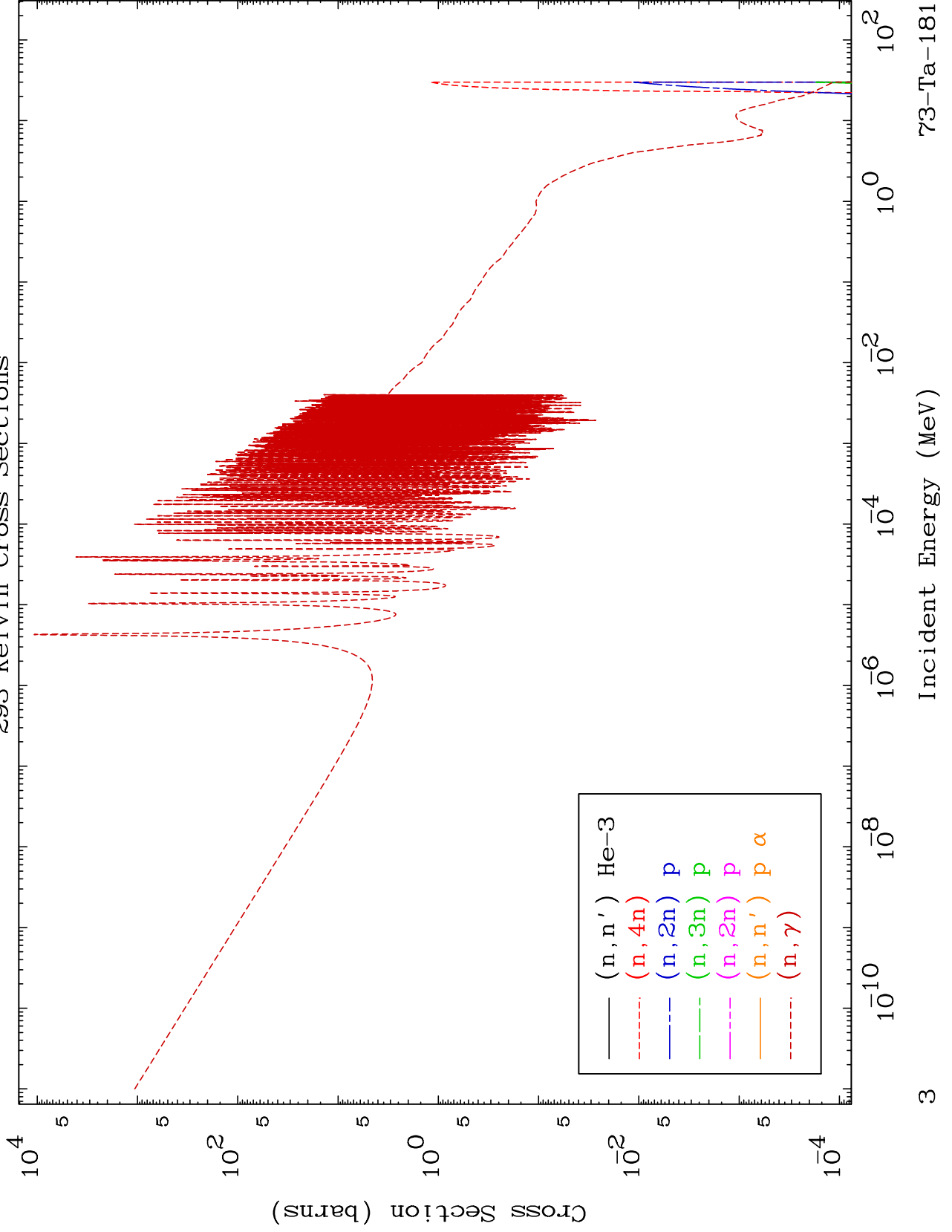
73-Ta-181



MAT 7328

Neutron Absorption
293 Kelvin Cross Sections

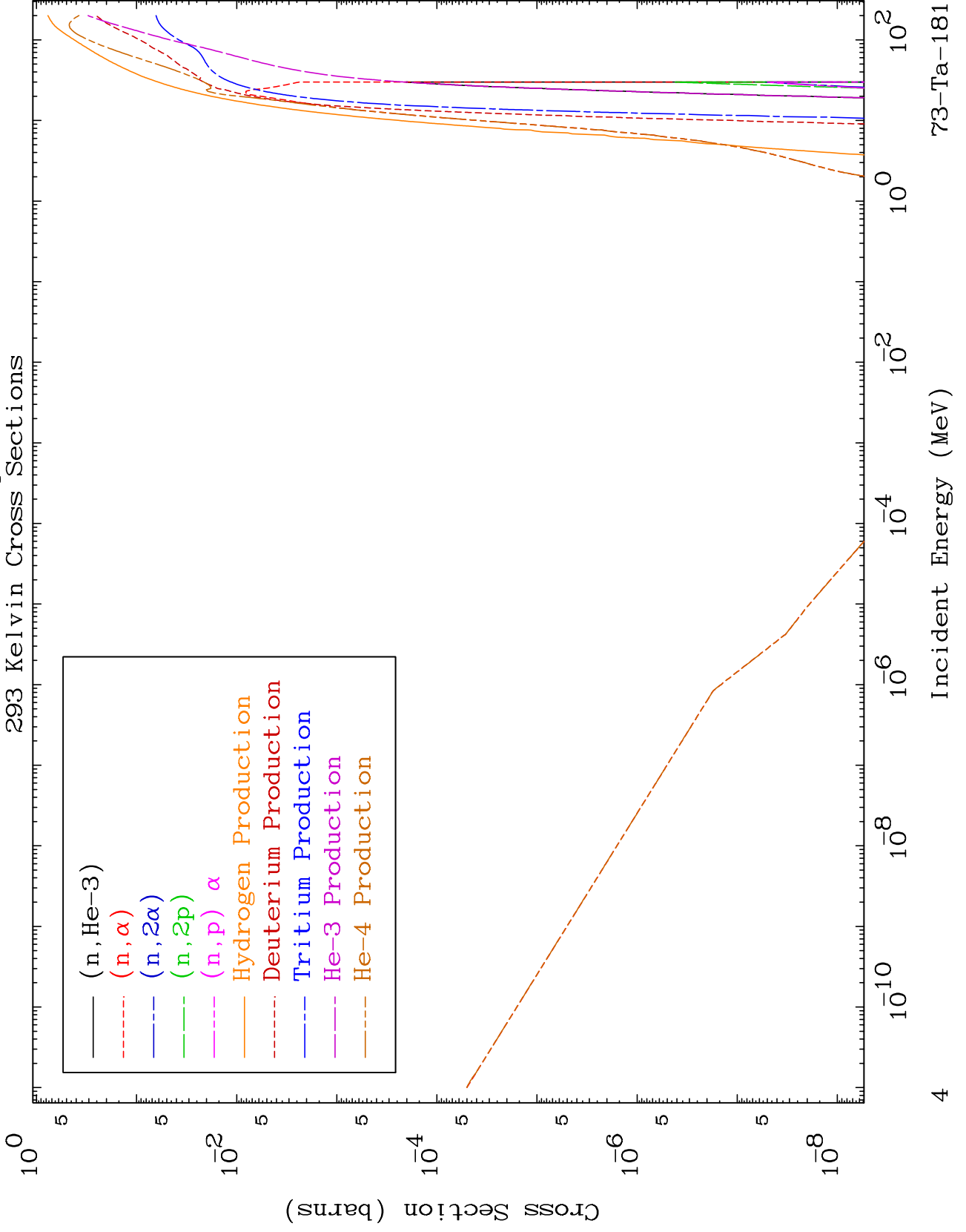
⁷³Ta-181



MAT 7328

Neutron Absorption
293 Kelvin Cross Sections

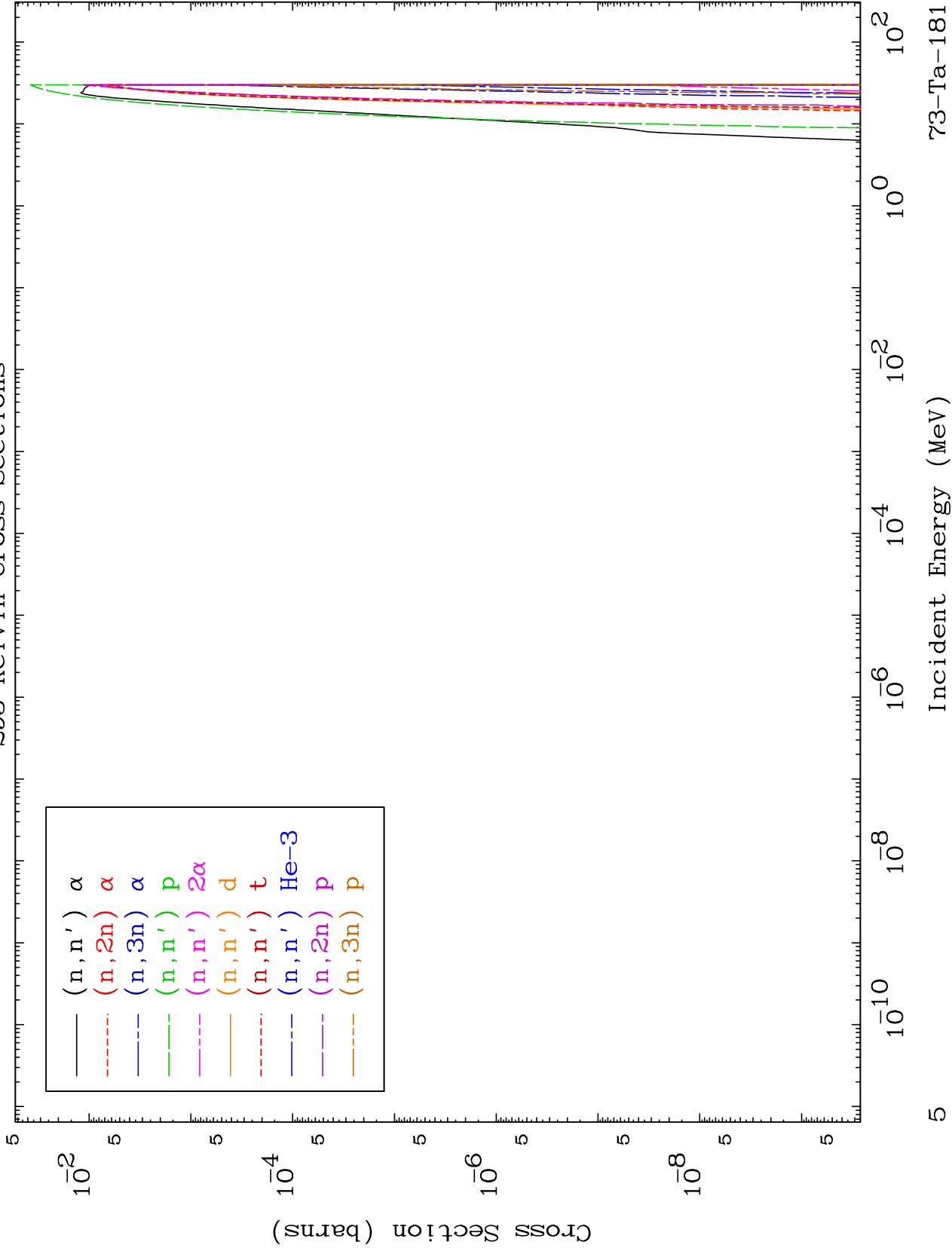
73-Ta-181



MAT 7328

Charged Particle
293 Kelvin Cross Sections

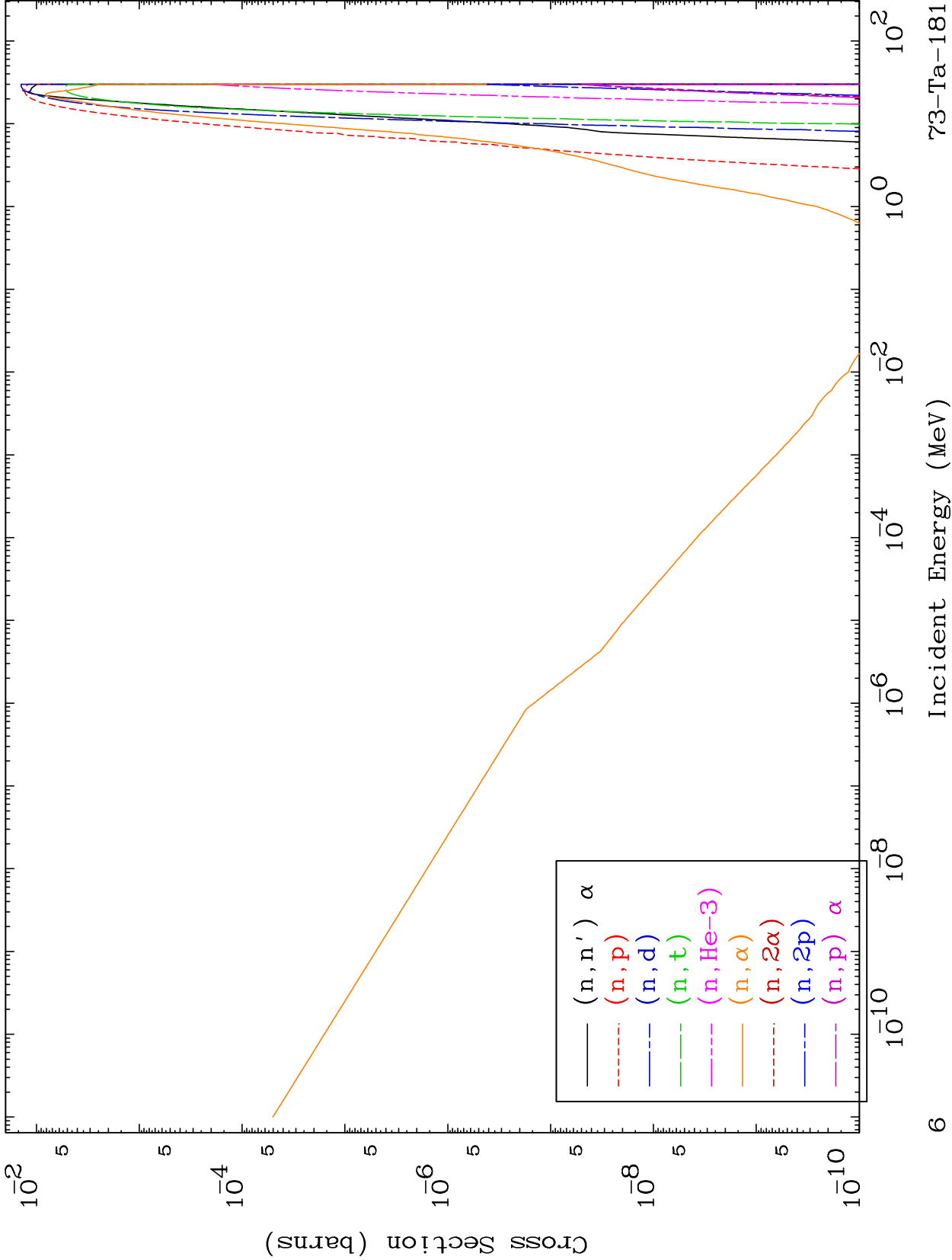
73-Ta-181



MAT 7328

Charged Particle
293 Kelvin Cross Sections

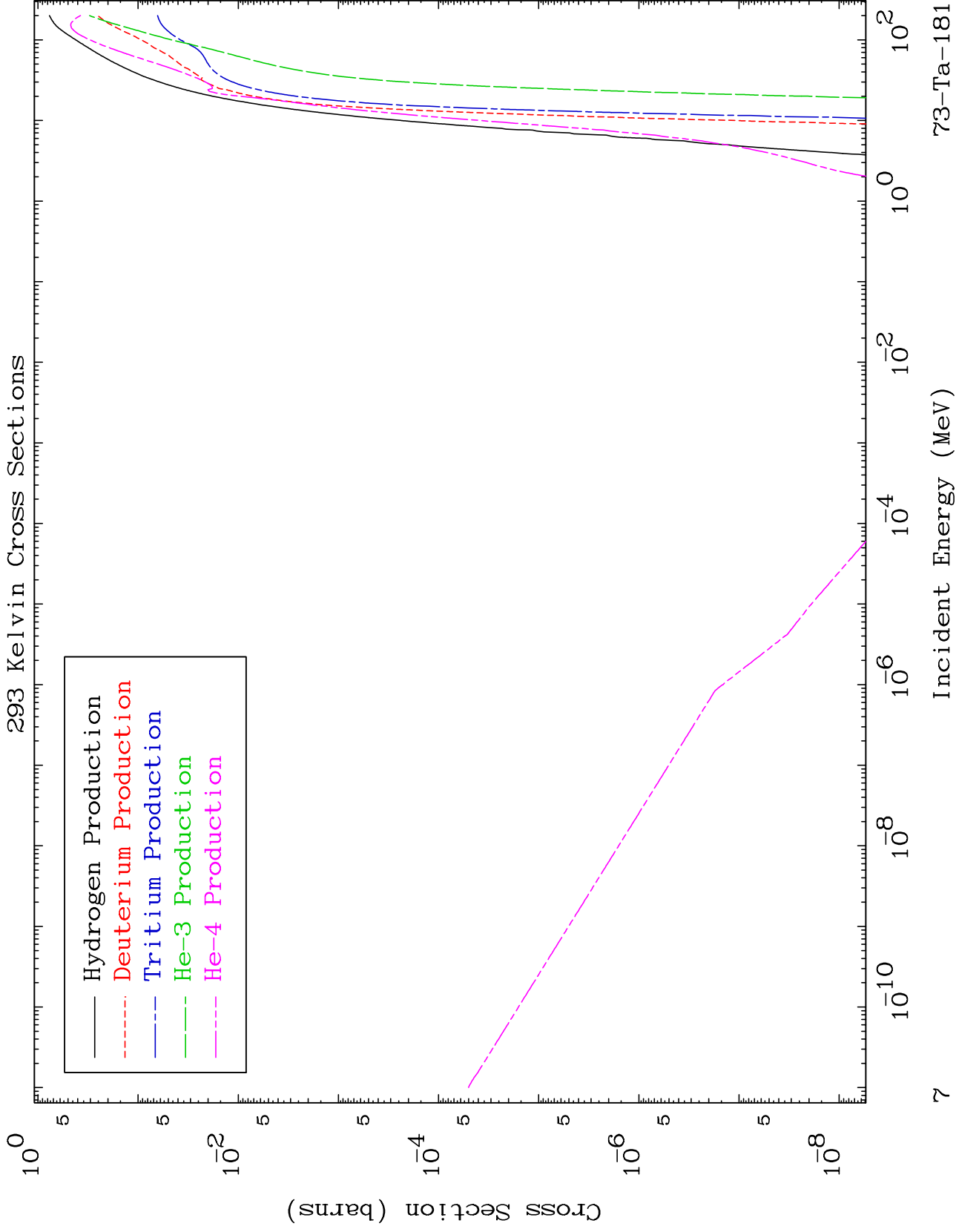
73-Ta-181



MAT 7328

Particle Production
293 Kelvin Cross Sections

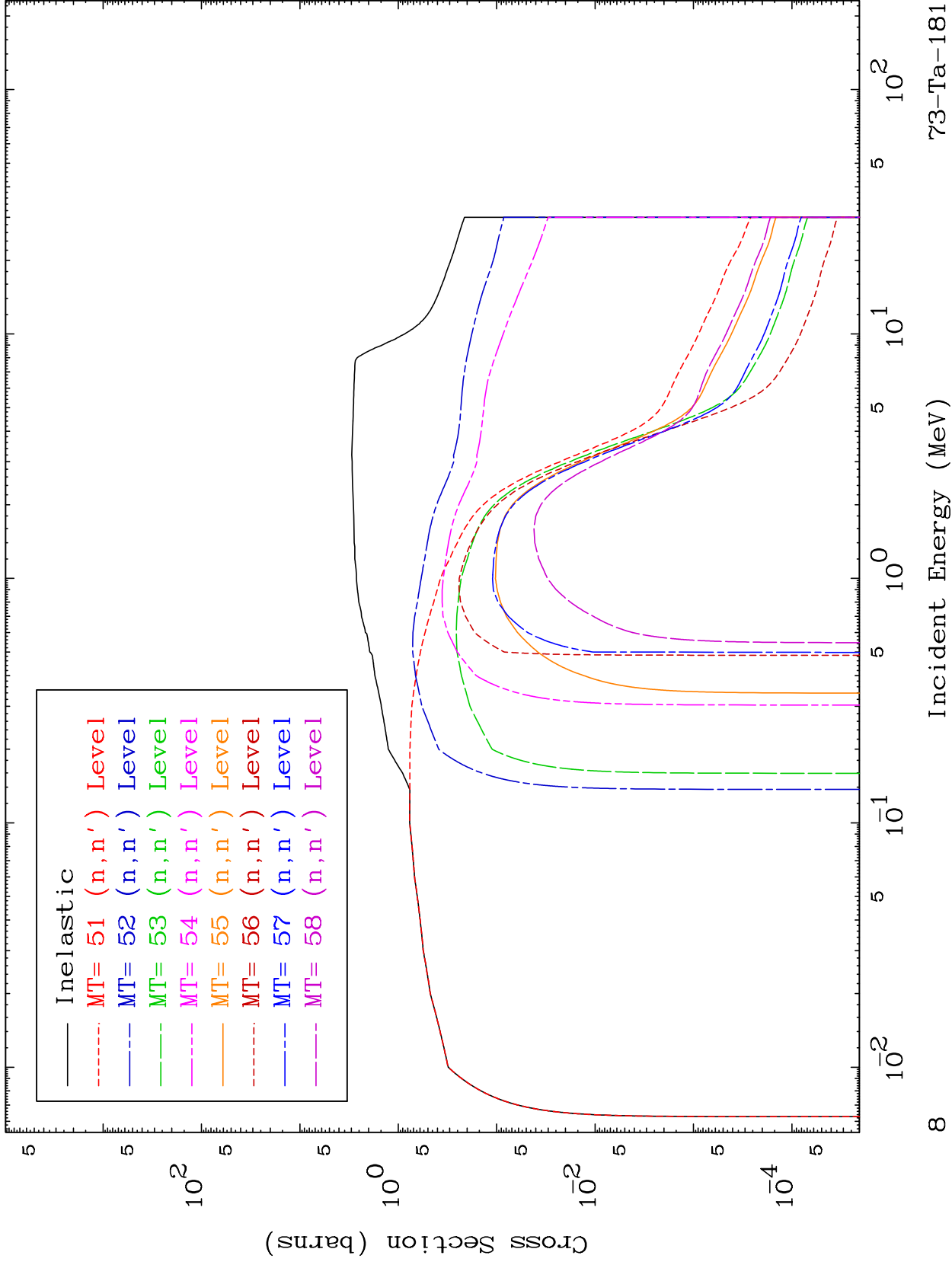
73-Ta-181



MAT 7328

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-181



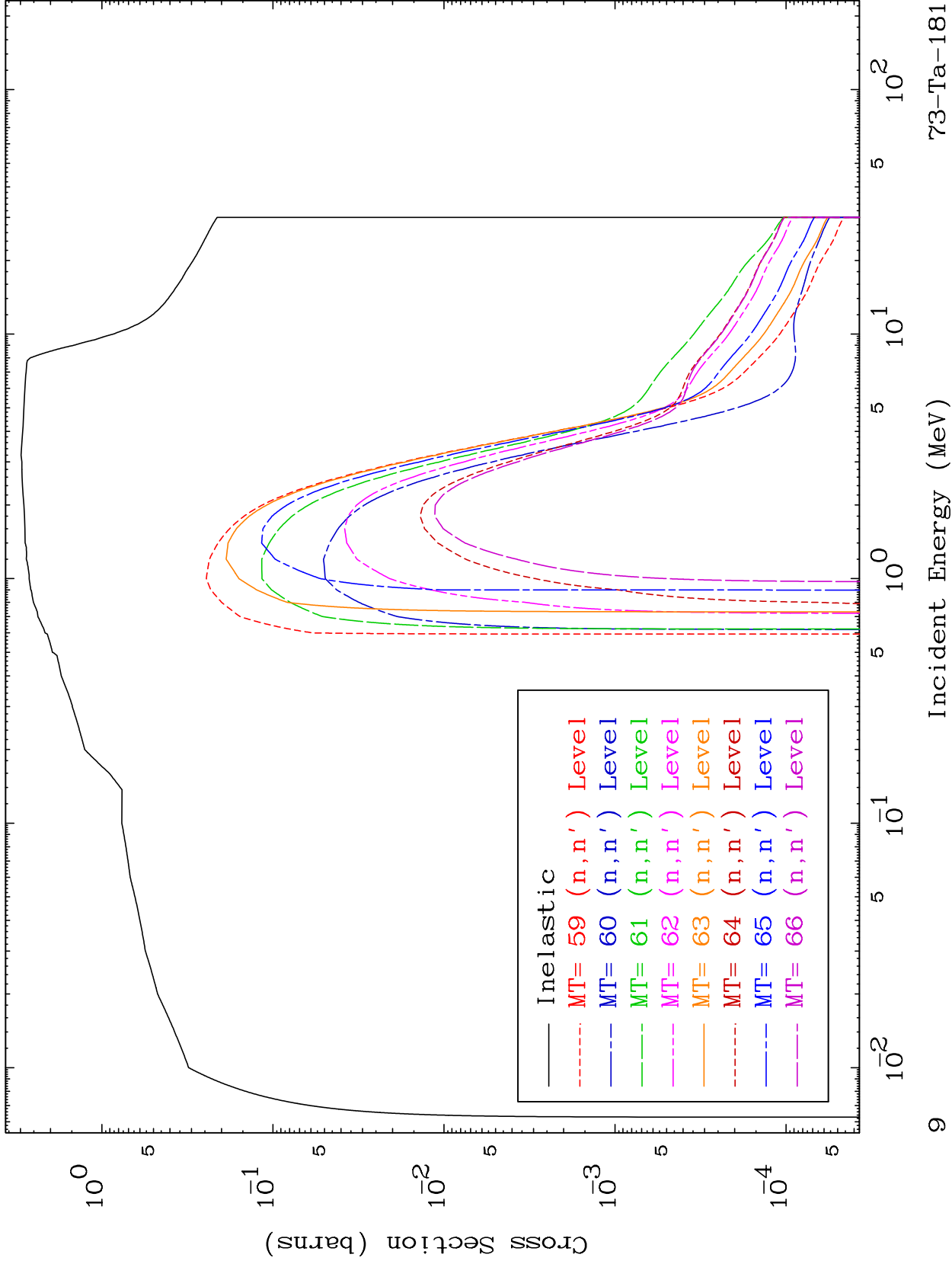
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73-Ta-181

MAT 7328

(n,n') Levels
293 Kelvin Cross Sections

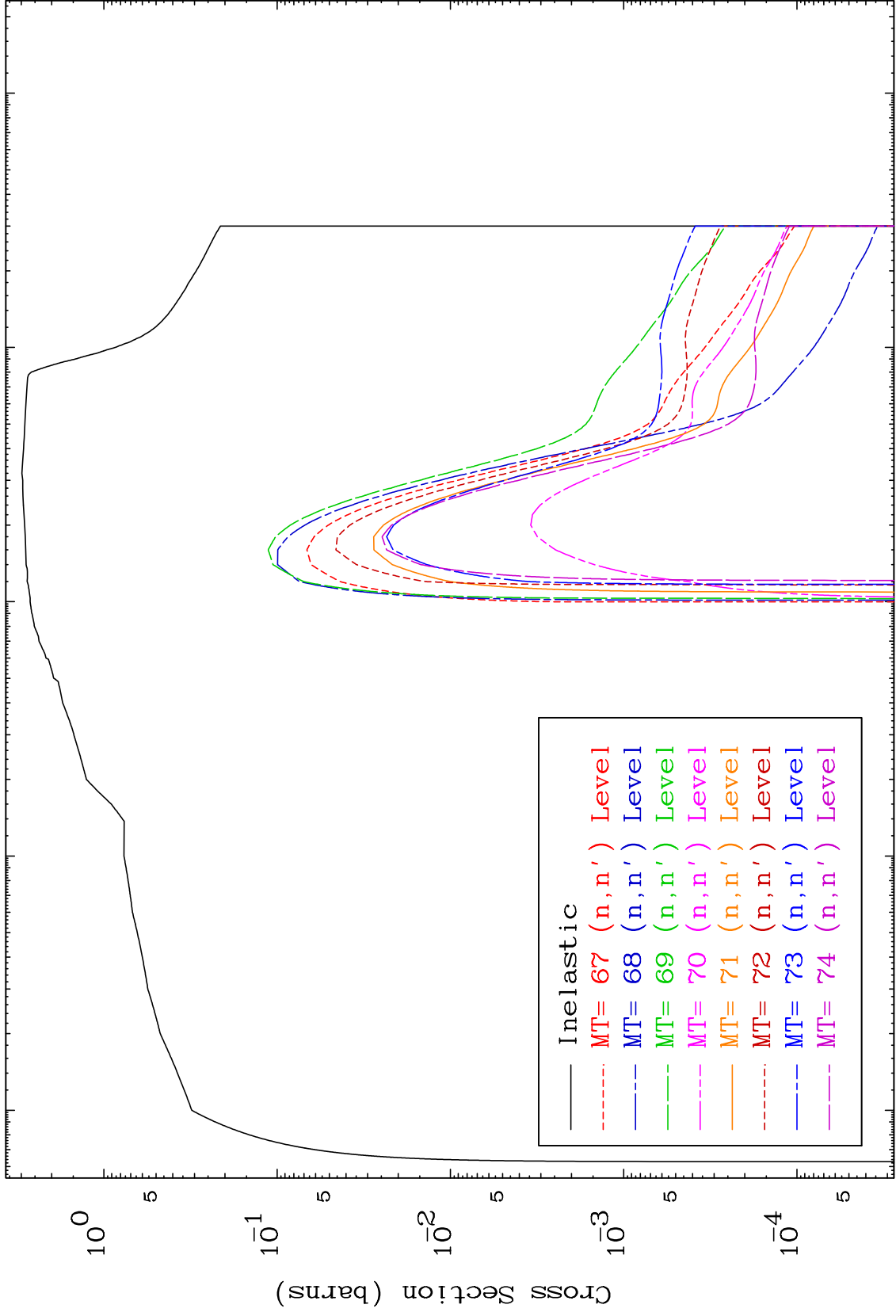
73-Ta-181



MAT 7328

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-181



5 10²

5 10¹

5 10⁰

5 10⁻¹

10⁻²

73-Ta-181

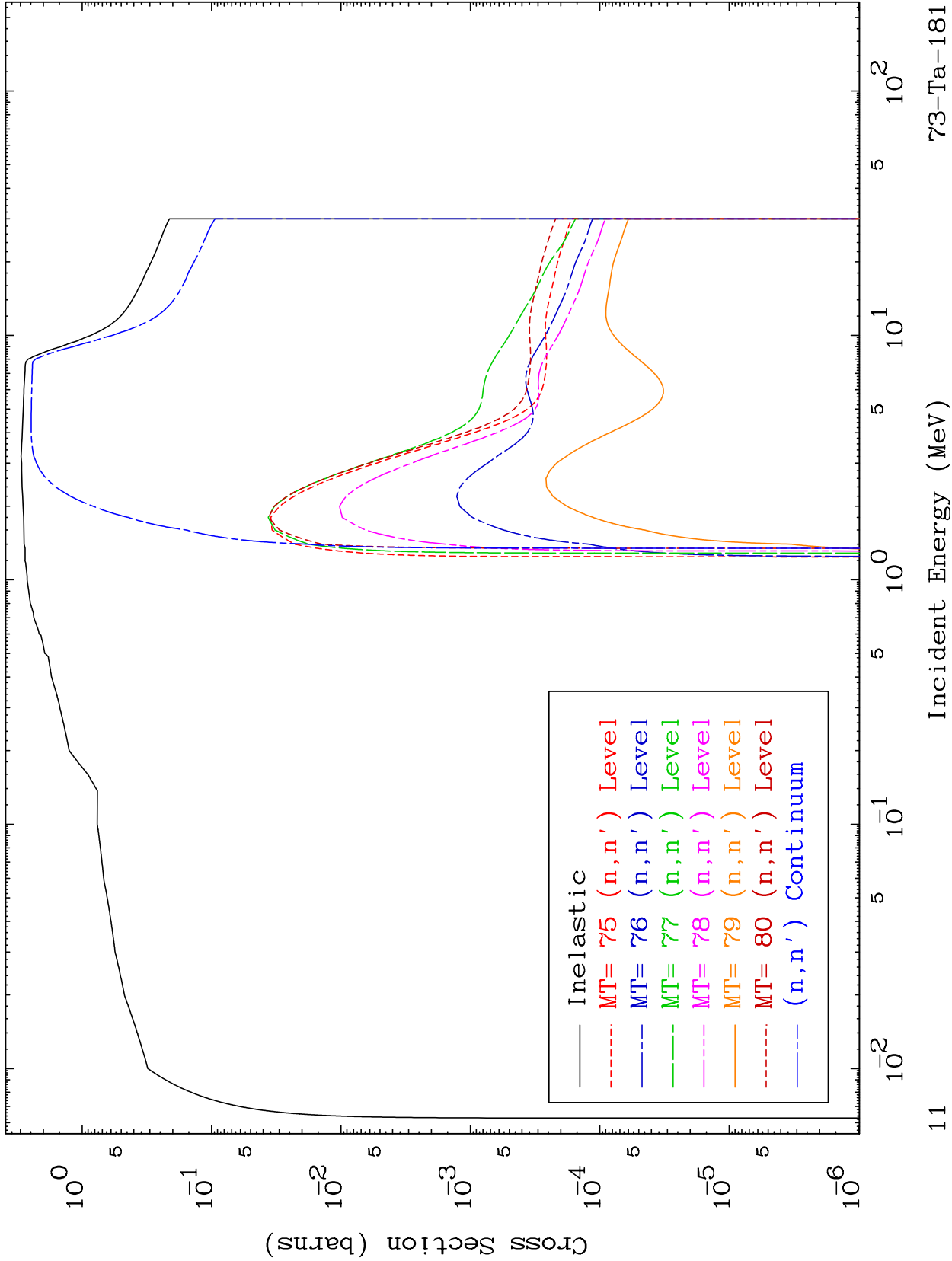
Incident Energy (MeV)

10

MAT 7328

73-Ta-181

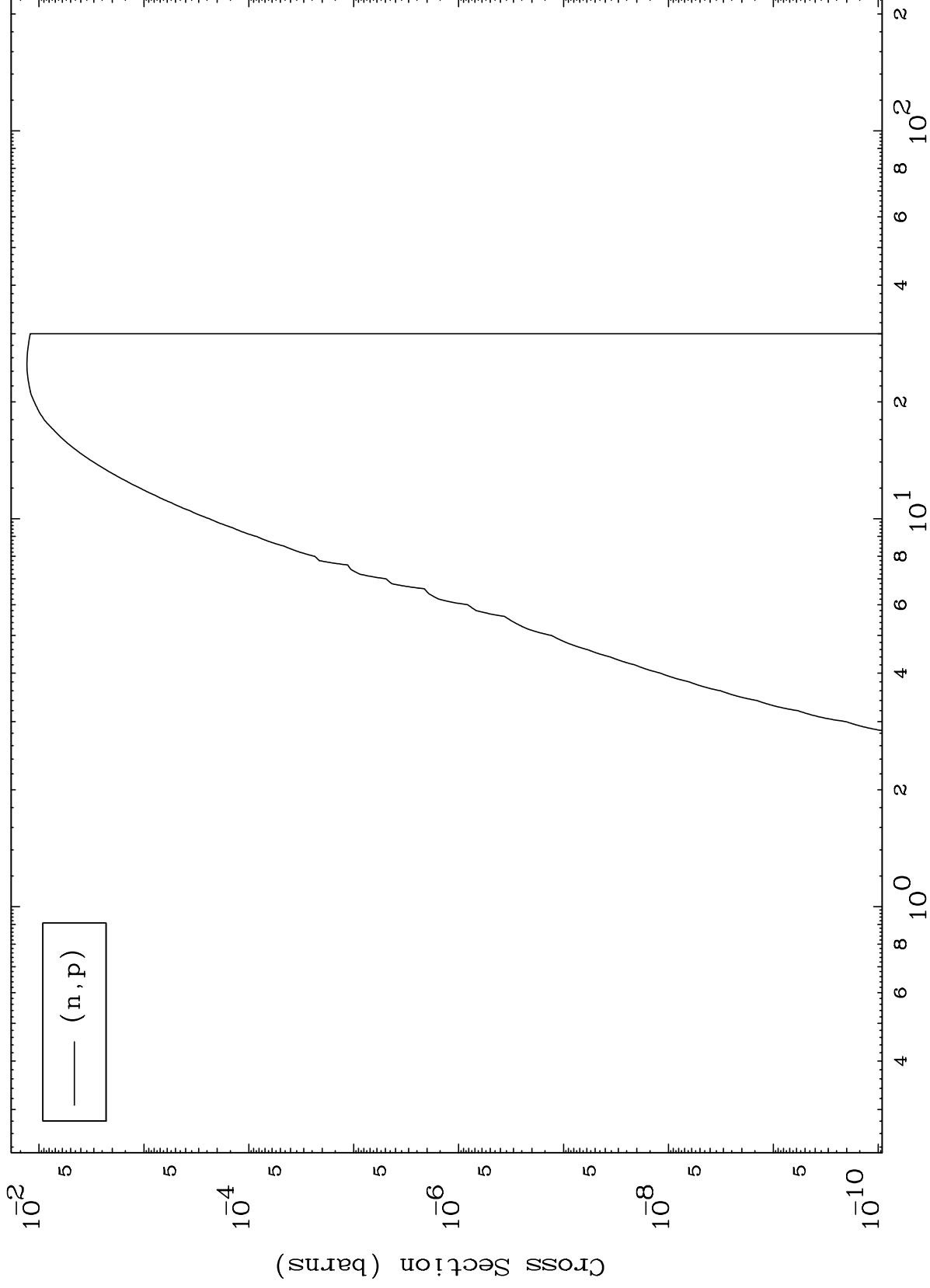
(n,n') Levels
293 Kelvin Cross Sections



MAT 7328

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-181



12

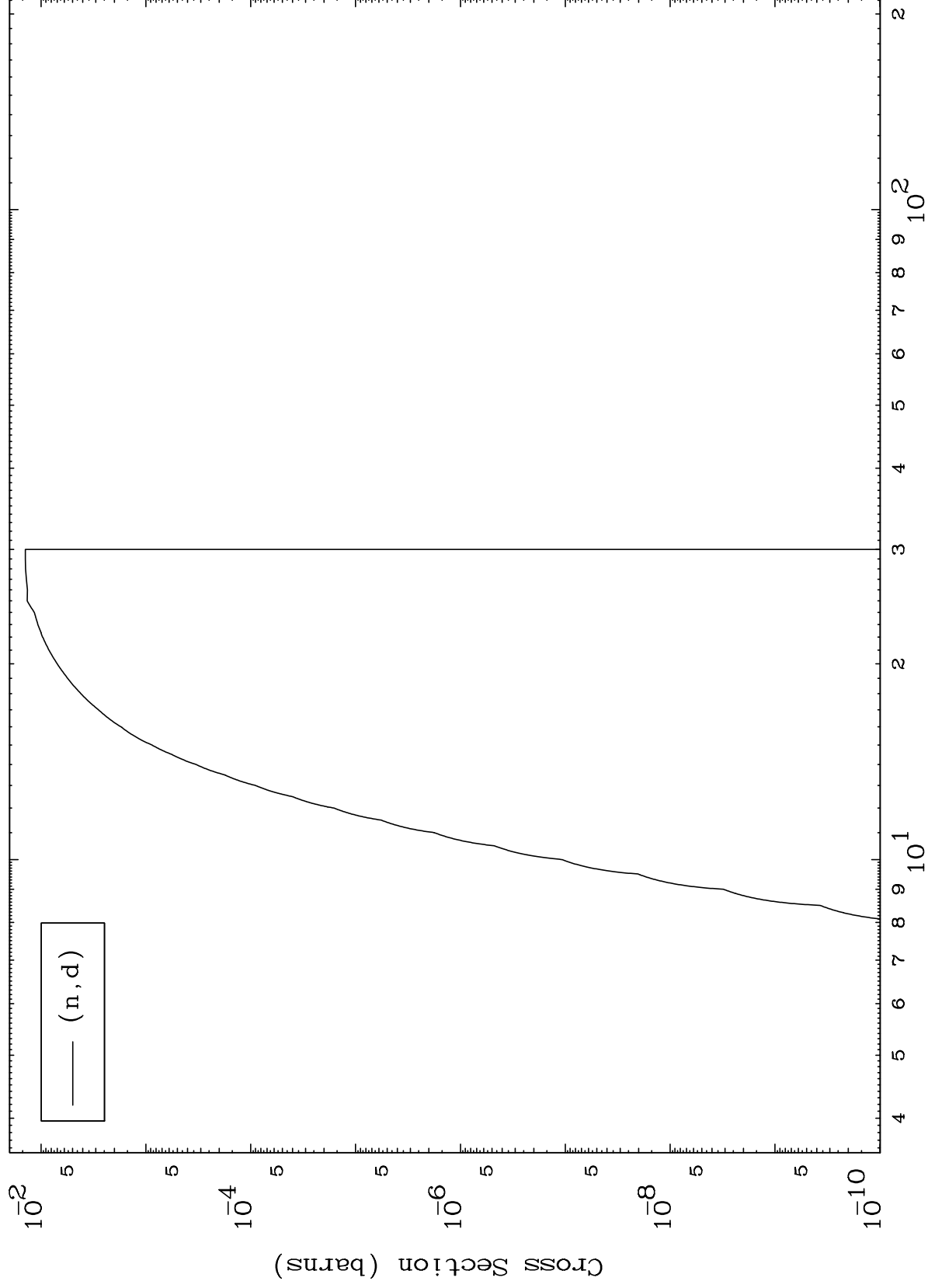
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-181



13

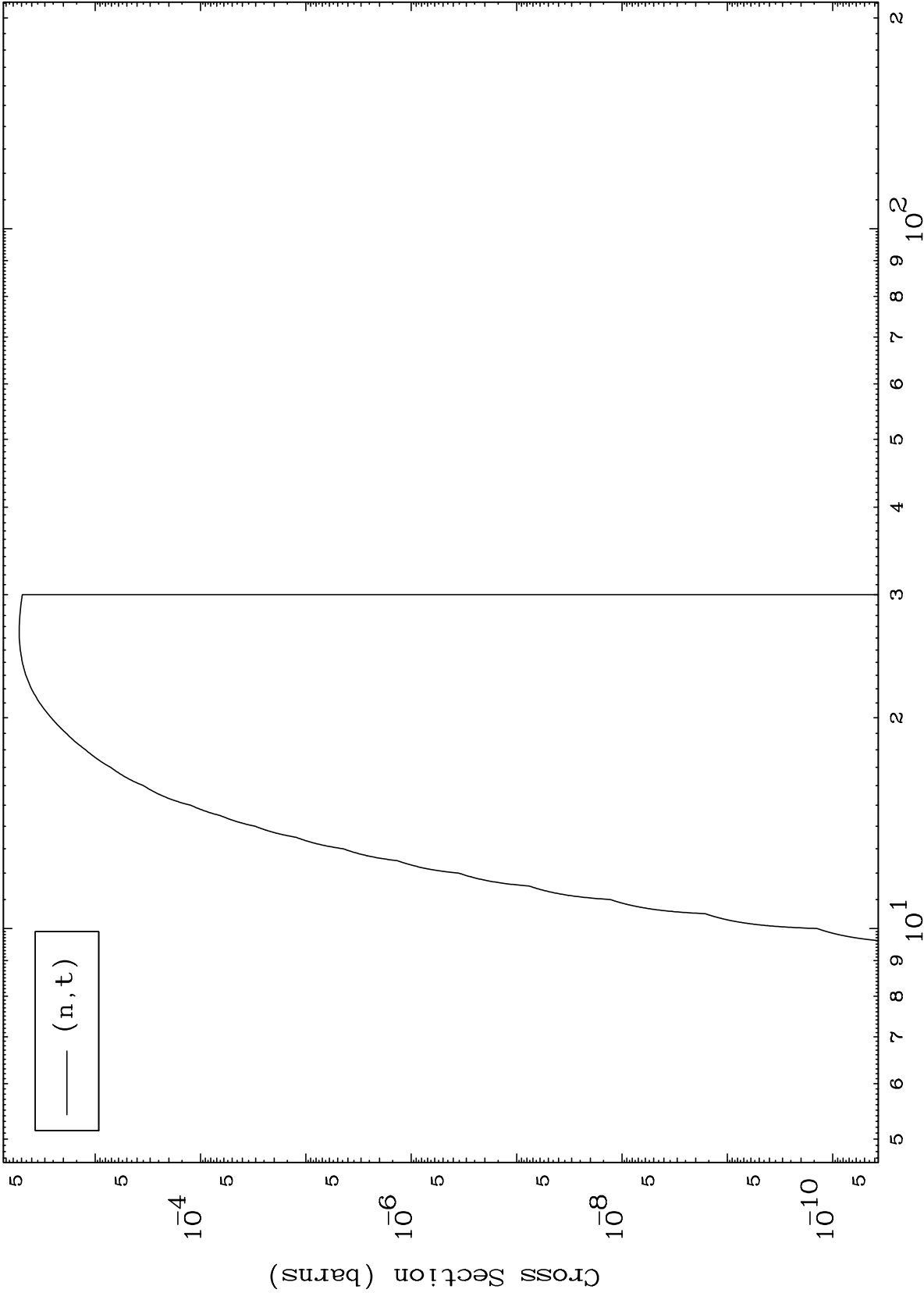
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-181



14

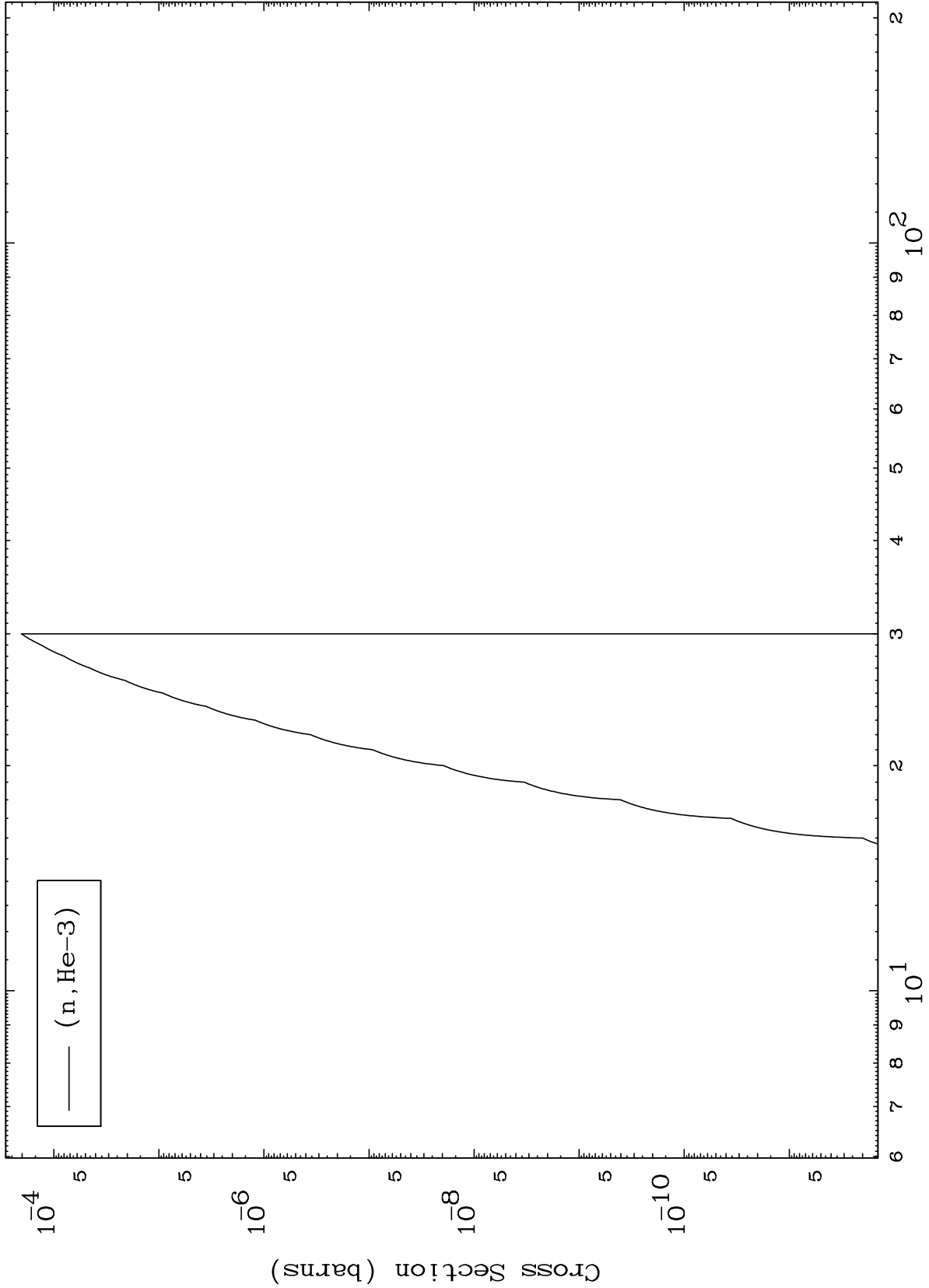
Incident Energy (MeV)

73-Ta-181

MAT 7328

73-Ta-181

(n,He3) Levels
293 Kelvin Cross Sections



15

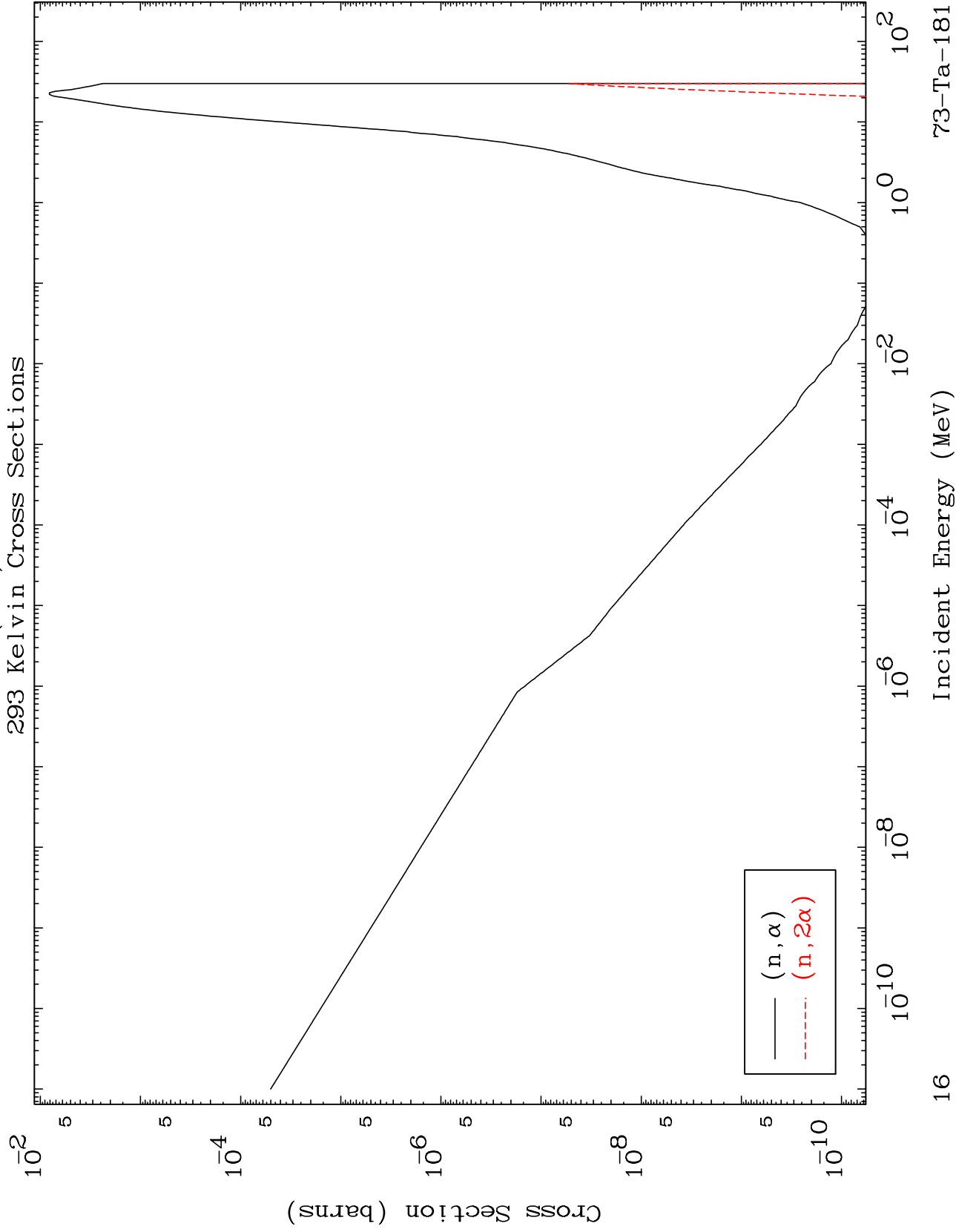
Incident Energy (MeV)

73-Ta-181

MAT 7328

(n, α) Levels
293 Kelvin Cross Sections

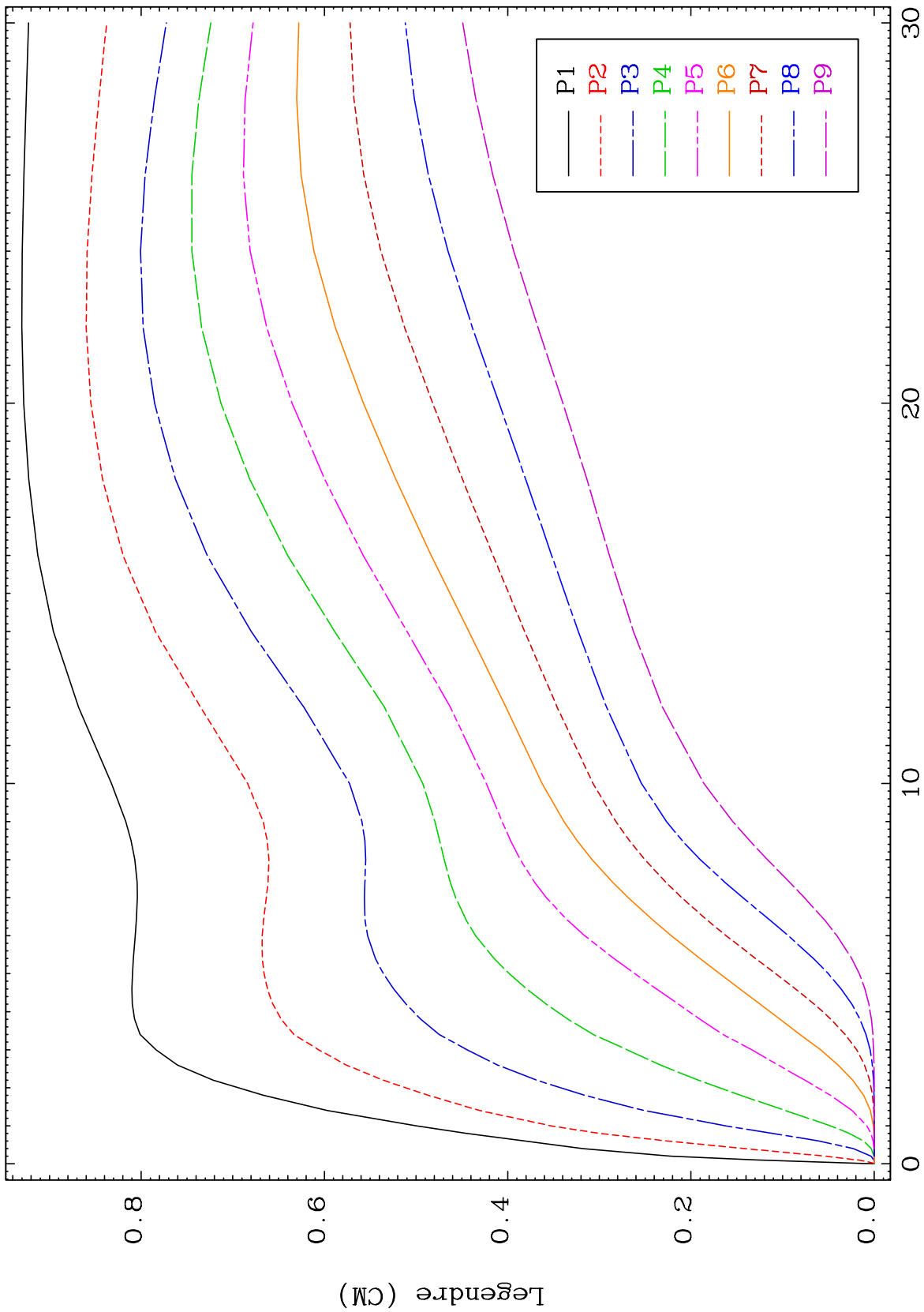
73-Ta-181



MAT 7328

Elastic Legendre Coefficients

⁷³Ta-181



17

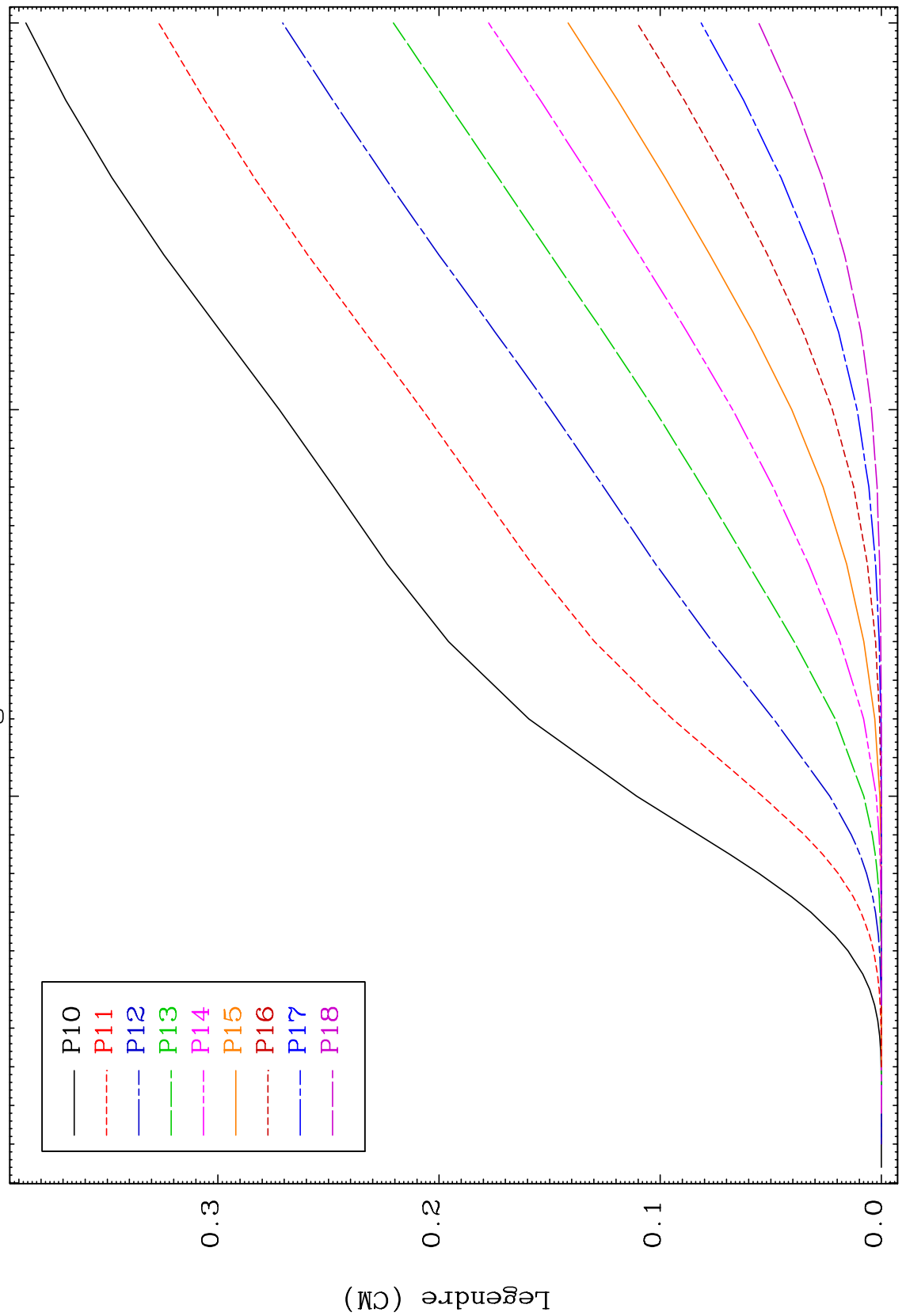
Incident Energy (MeV)

⁷³Ta-181

MAT 7328

Elastic Legendre Coefficients

⁷³Ta-181



18

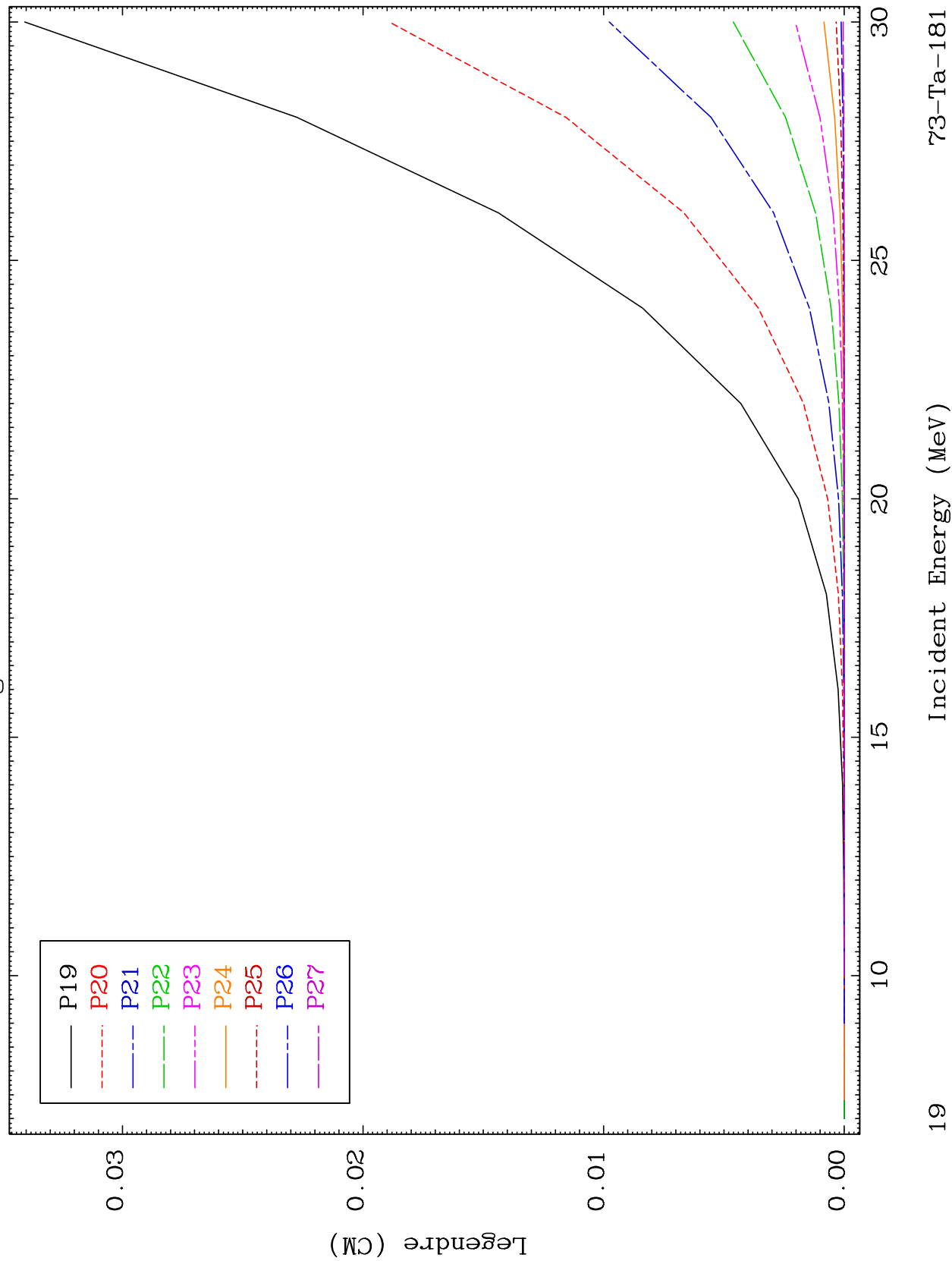
Incident Energy (MeV)

⁷³Ta-181

MAT 7328

Elastic Legendre Coefficients

73-Ta-181



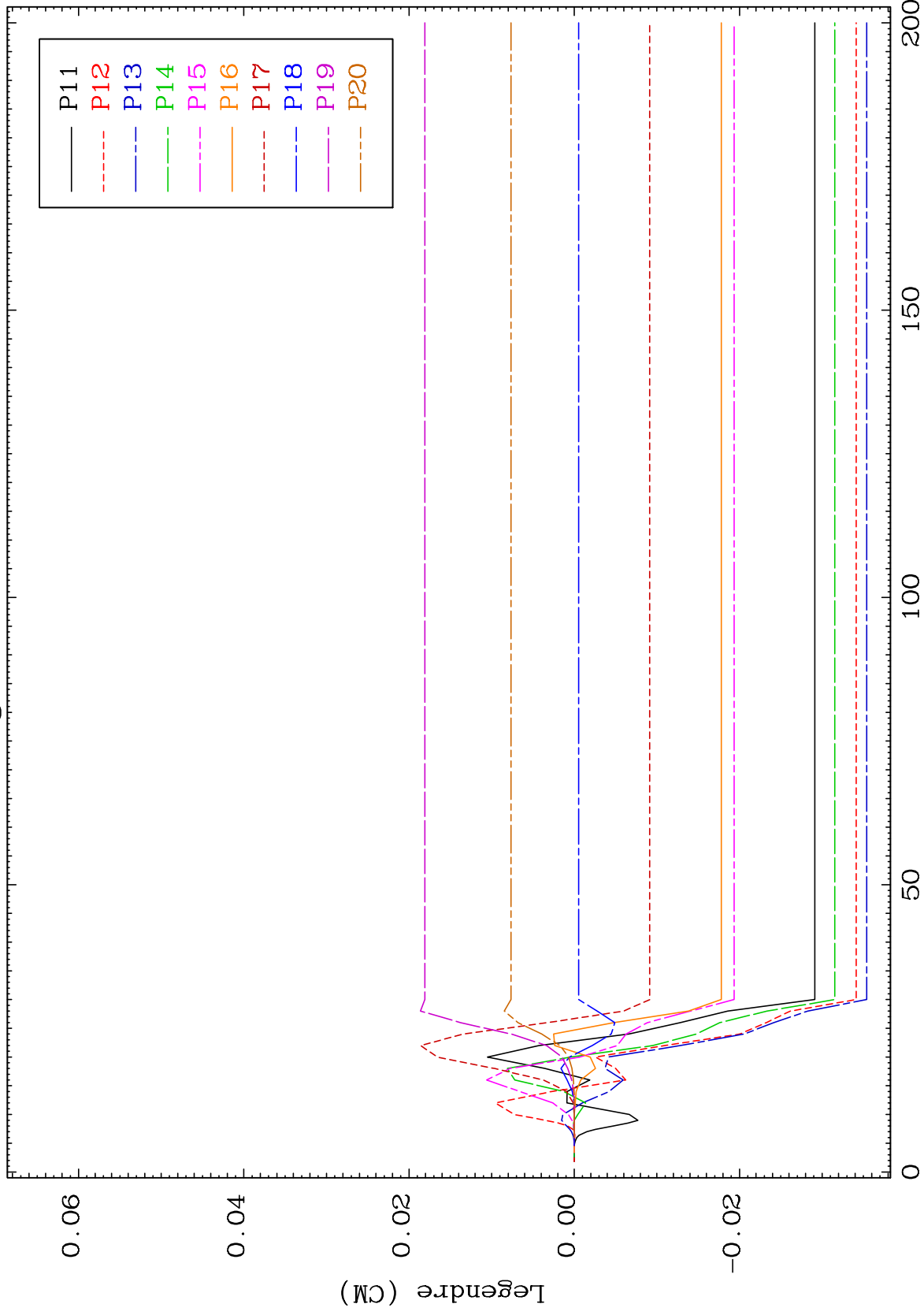
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73-Ta-181

MAT 7328

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

73-Ta-181



22

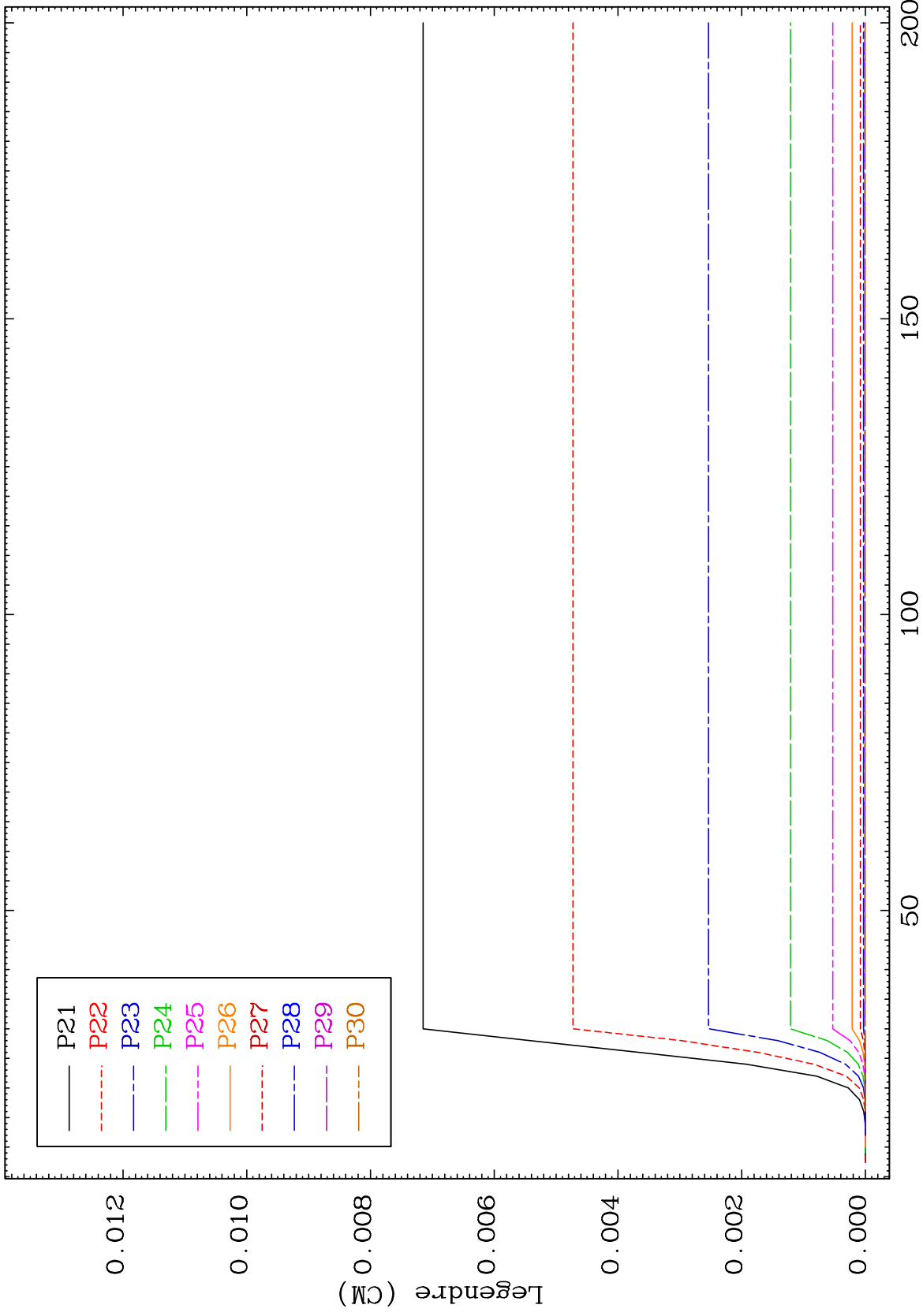
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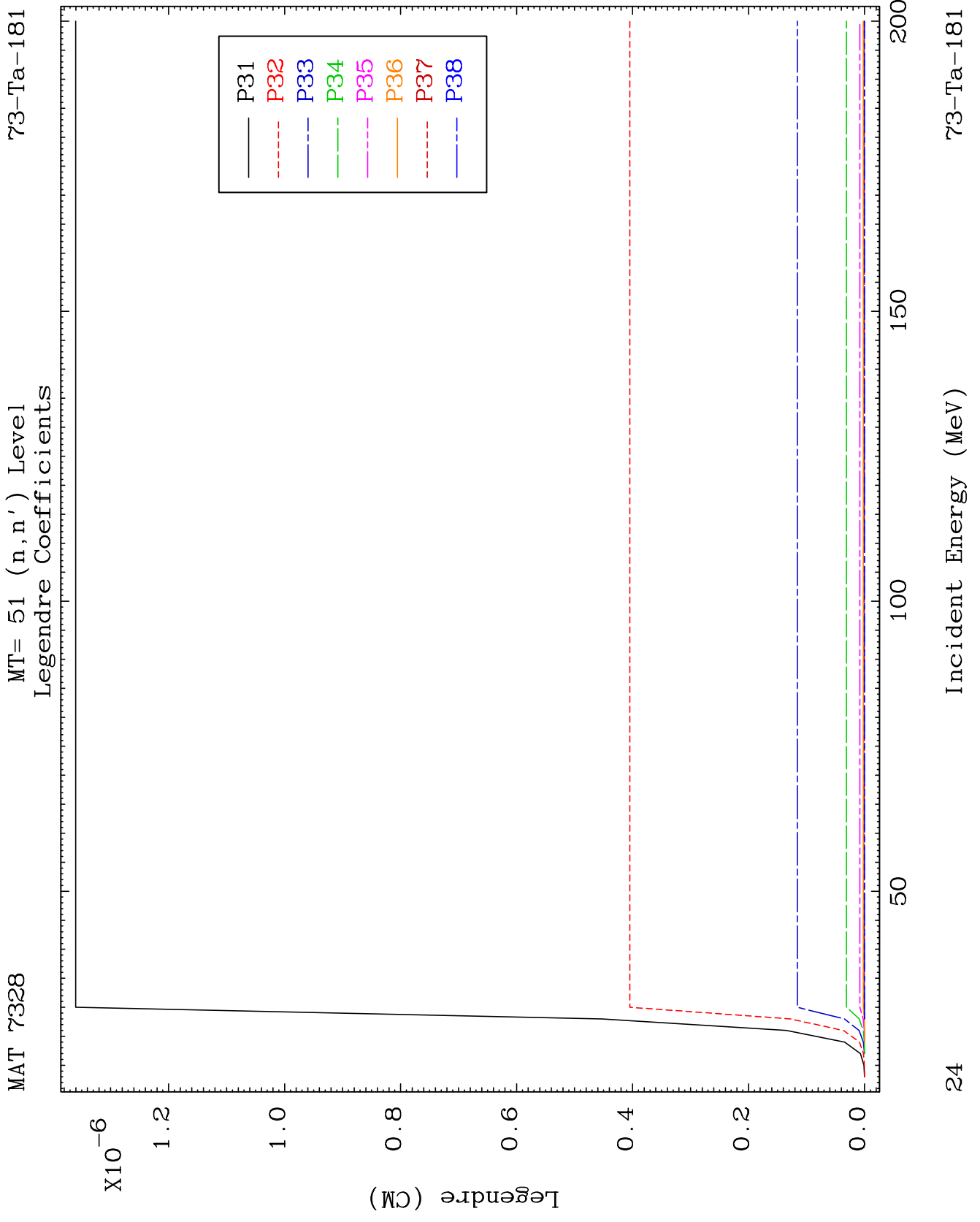
73-Ta-181

MAT 7328

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

73-Ta-181

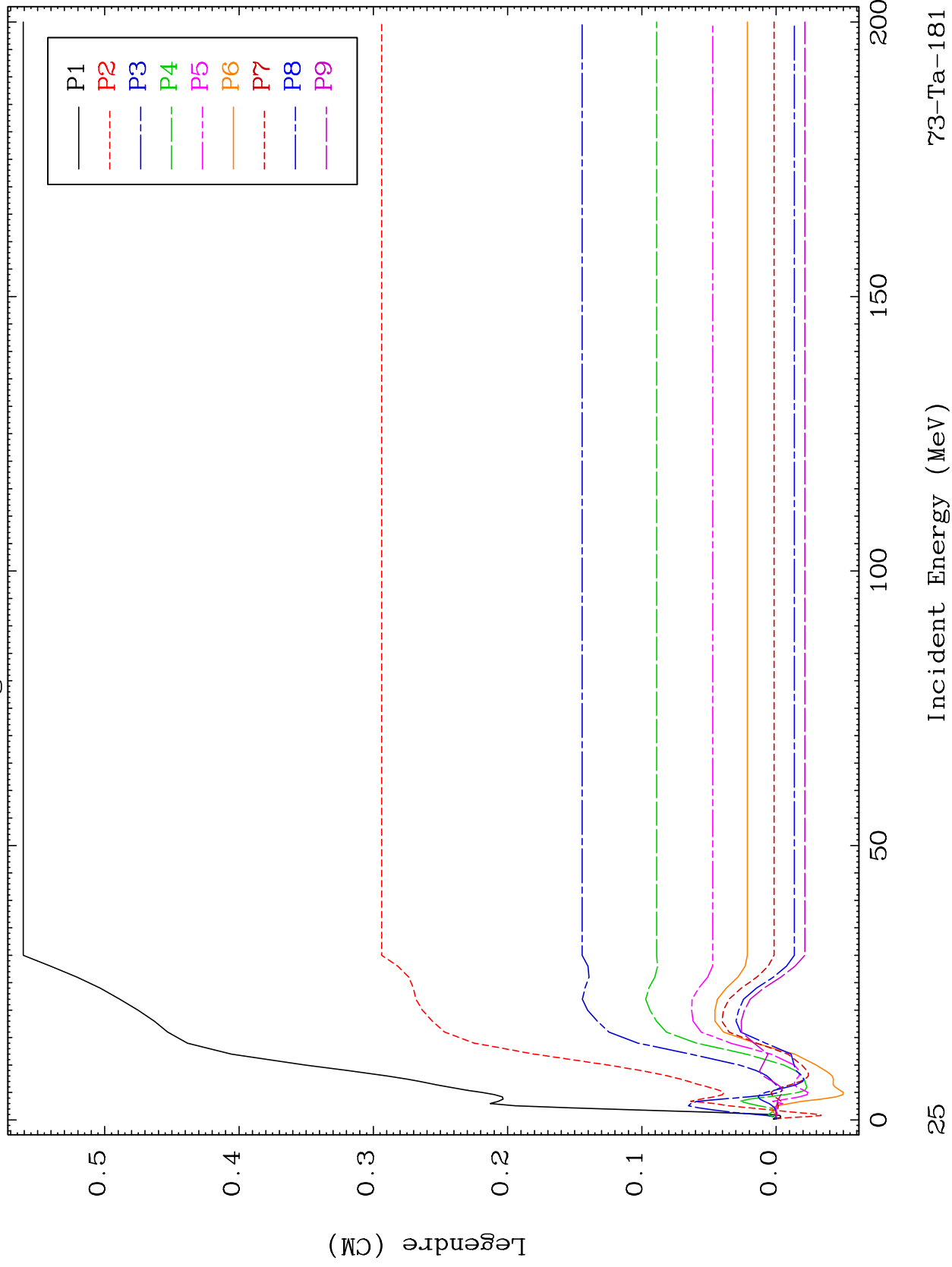




MAT 7328

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

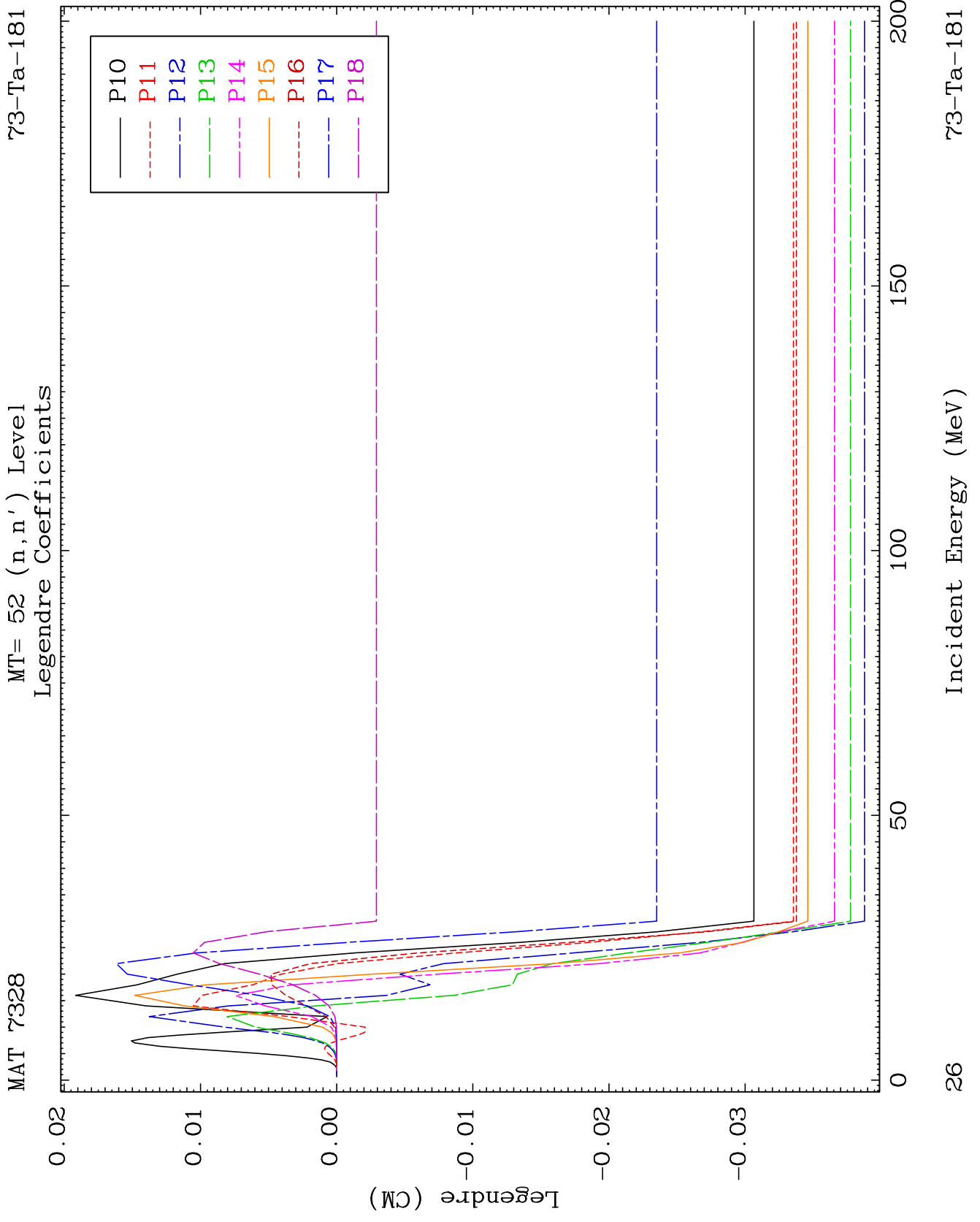
73-Ta-181



73-Ta-181

Incident Energy (MeV)

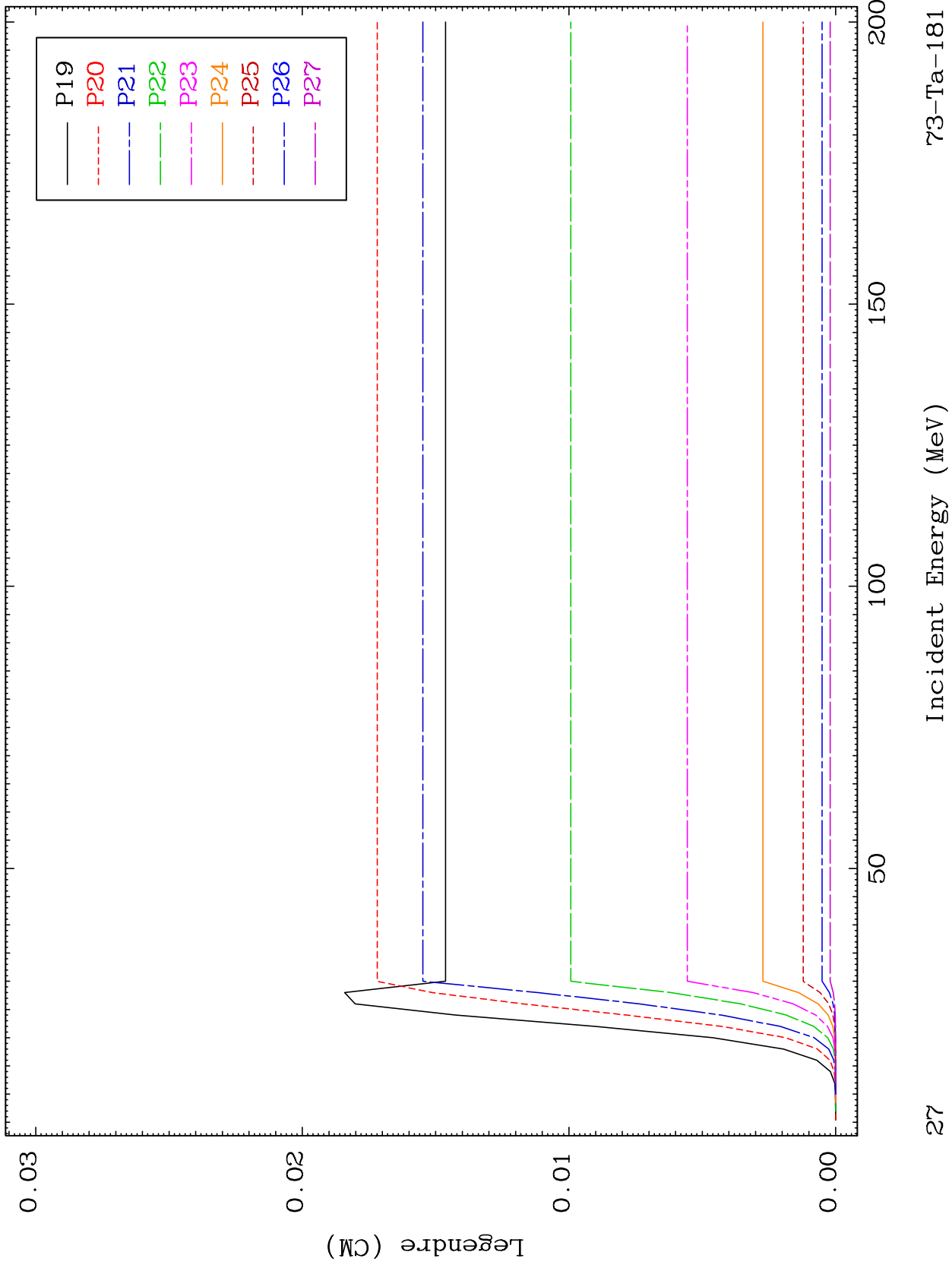
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MAT 7328

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

73-Ta-181



27

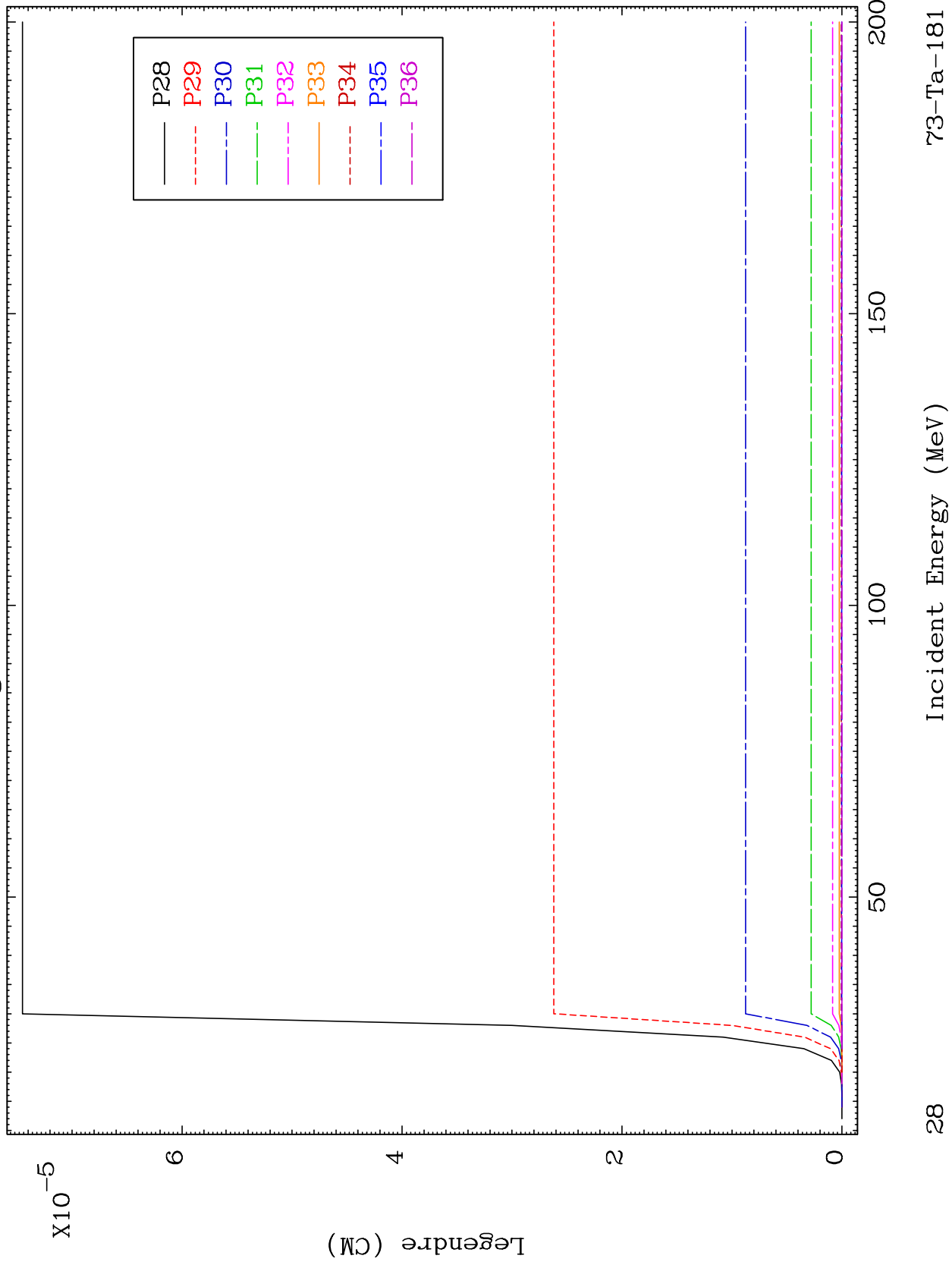
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

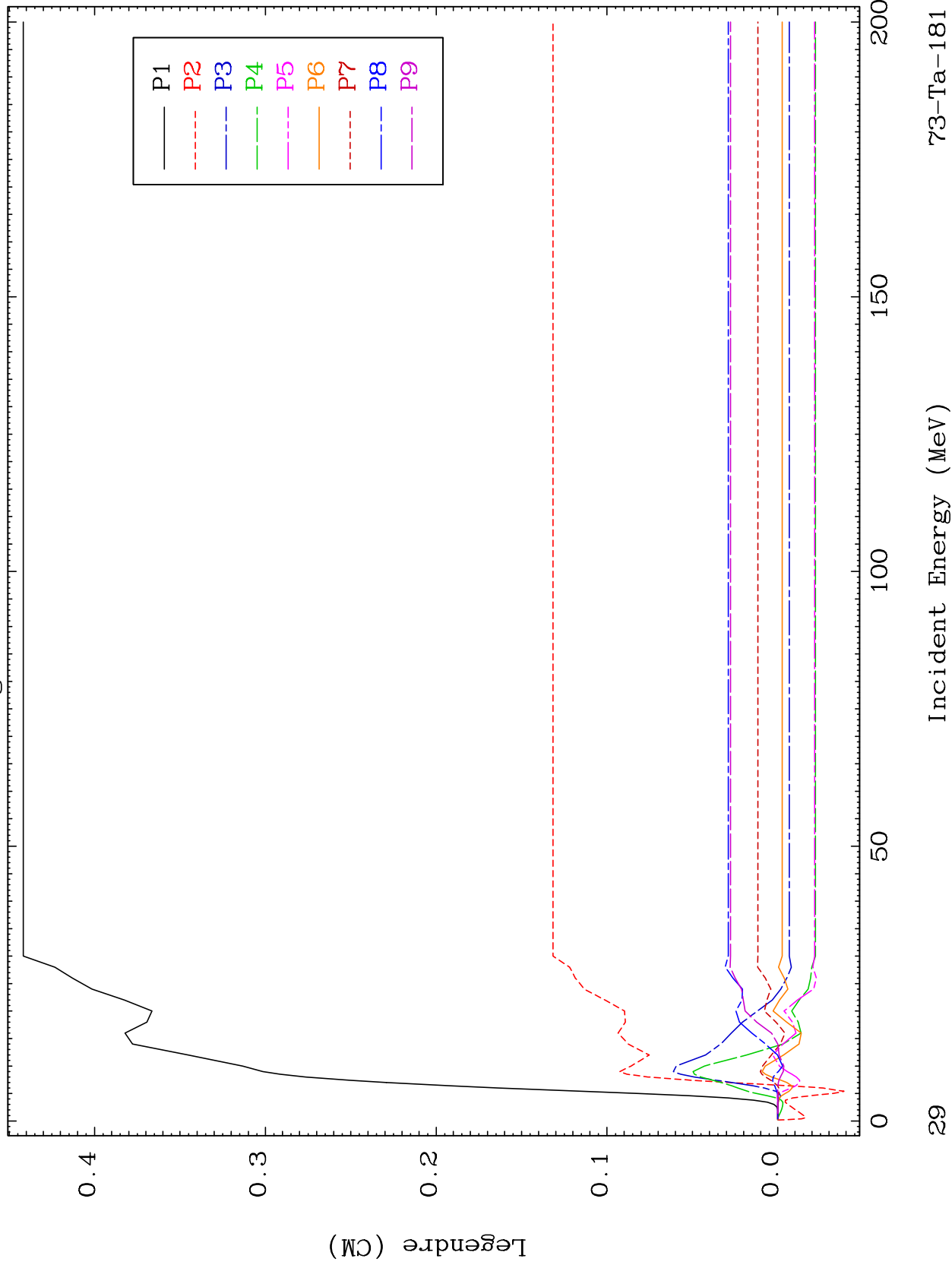
73-Ta-181



MAT 7328

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

73-Ta-181

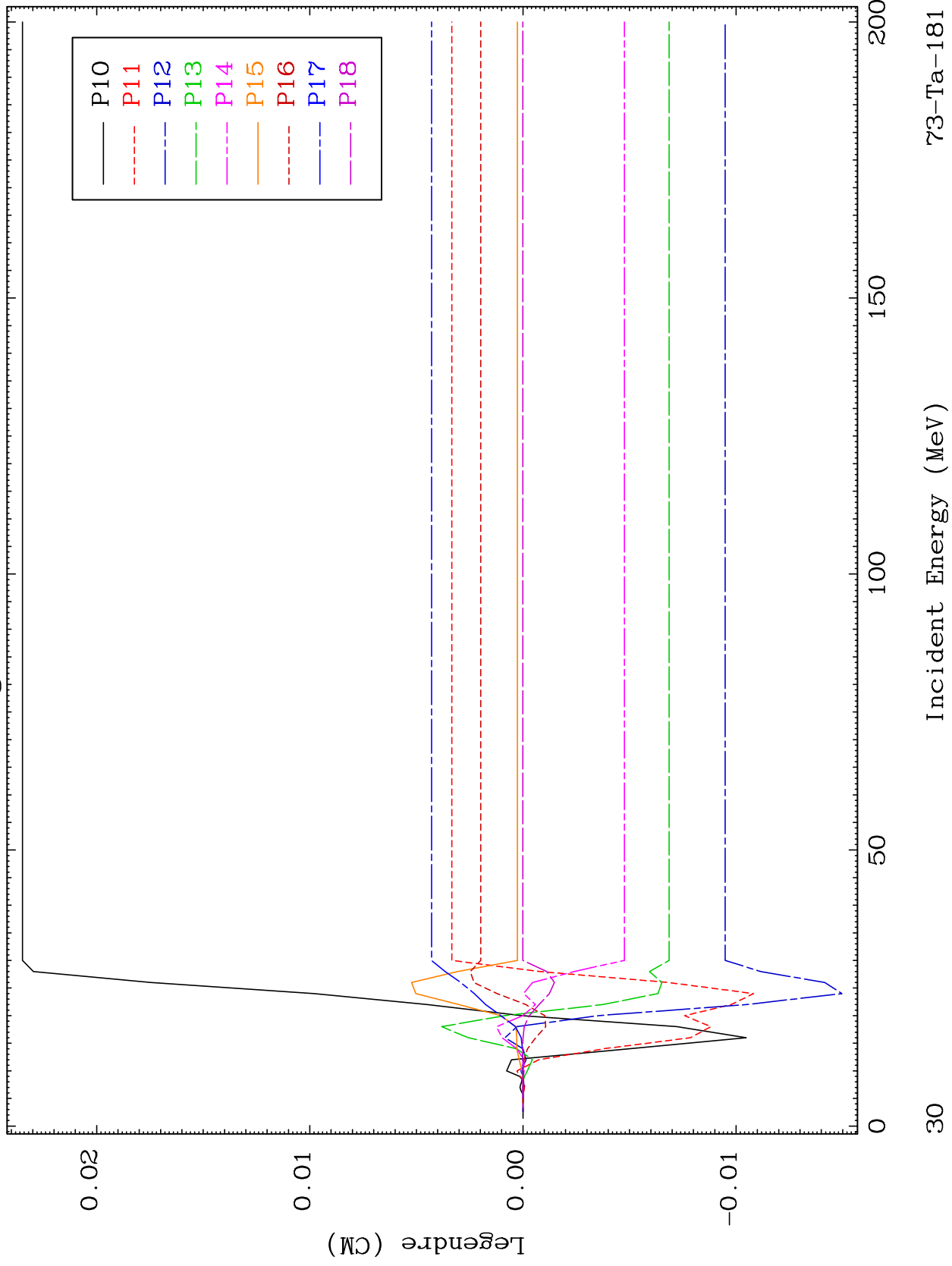


29

MAT 7328

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

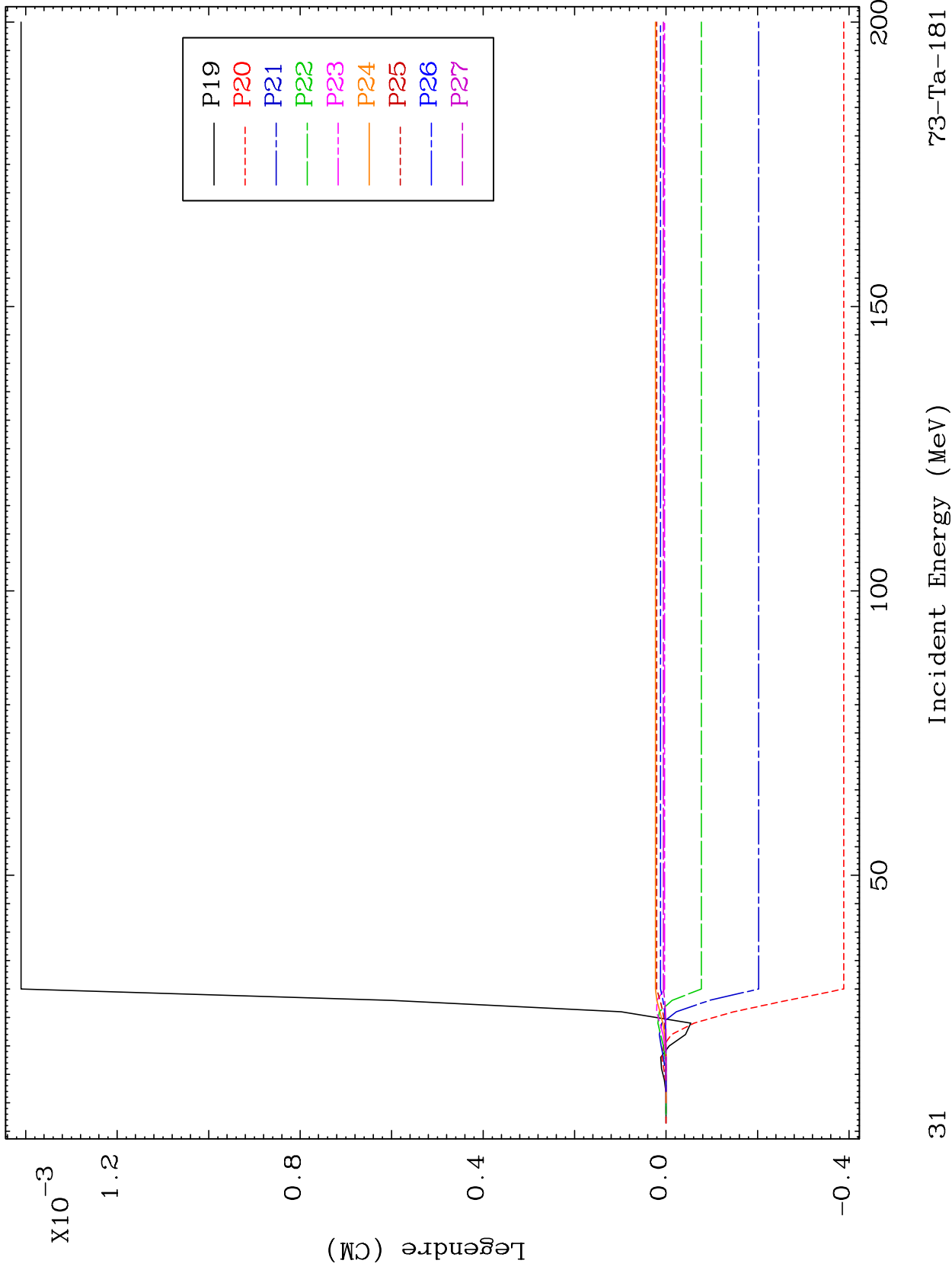
73-Ta-181



73-Ta-181

Incident Energy (MeV)

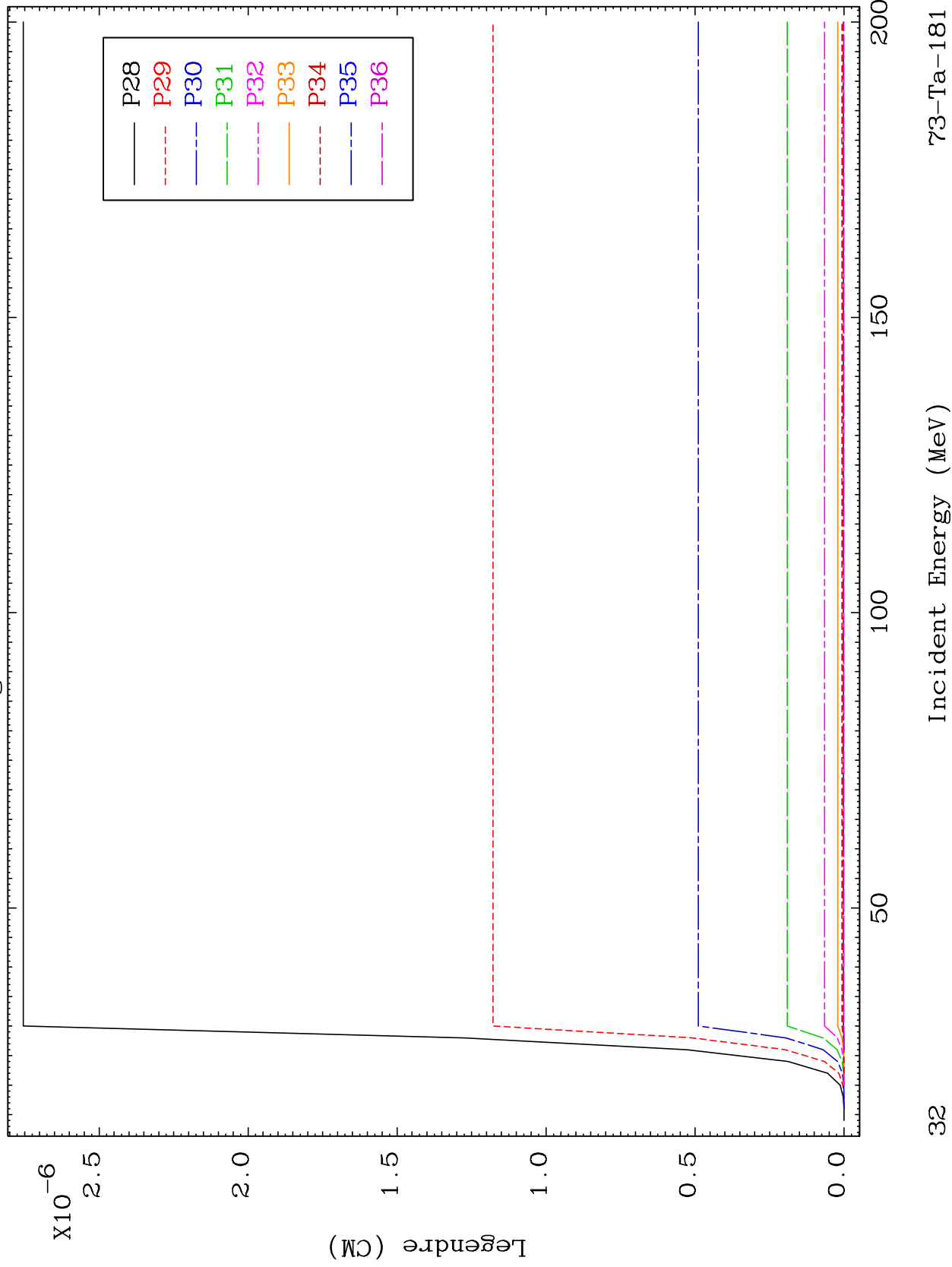
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MAT 7328

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

73-Ta-181

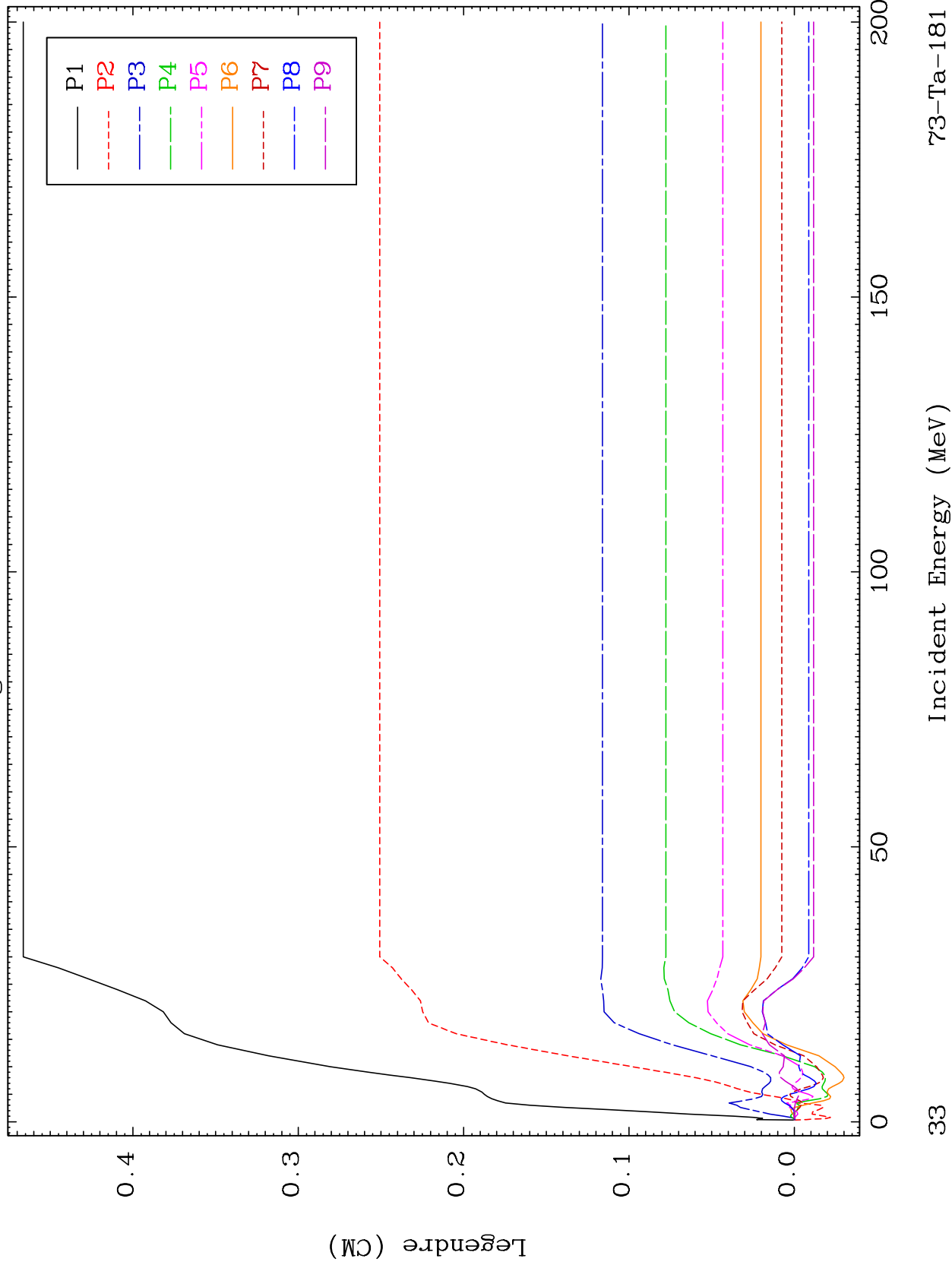


32

MAT 7328

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

73-Ta-181



73-Ta-181

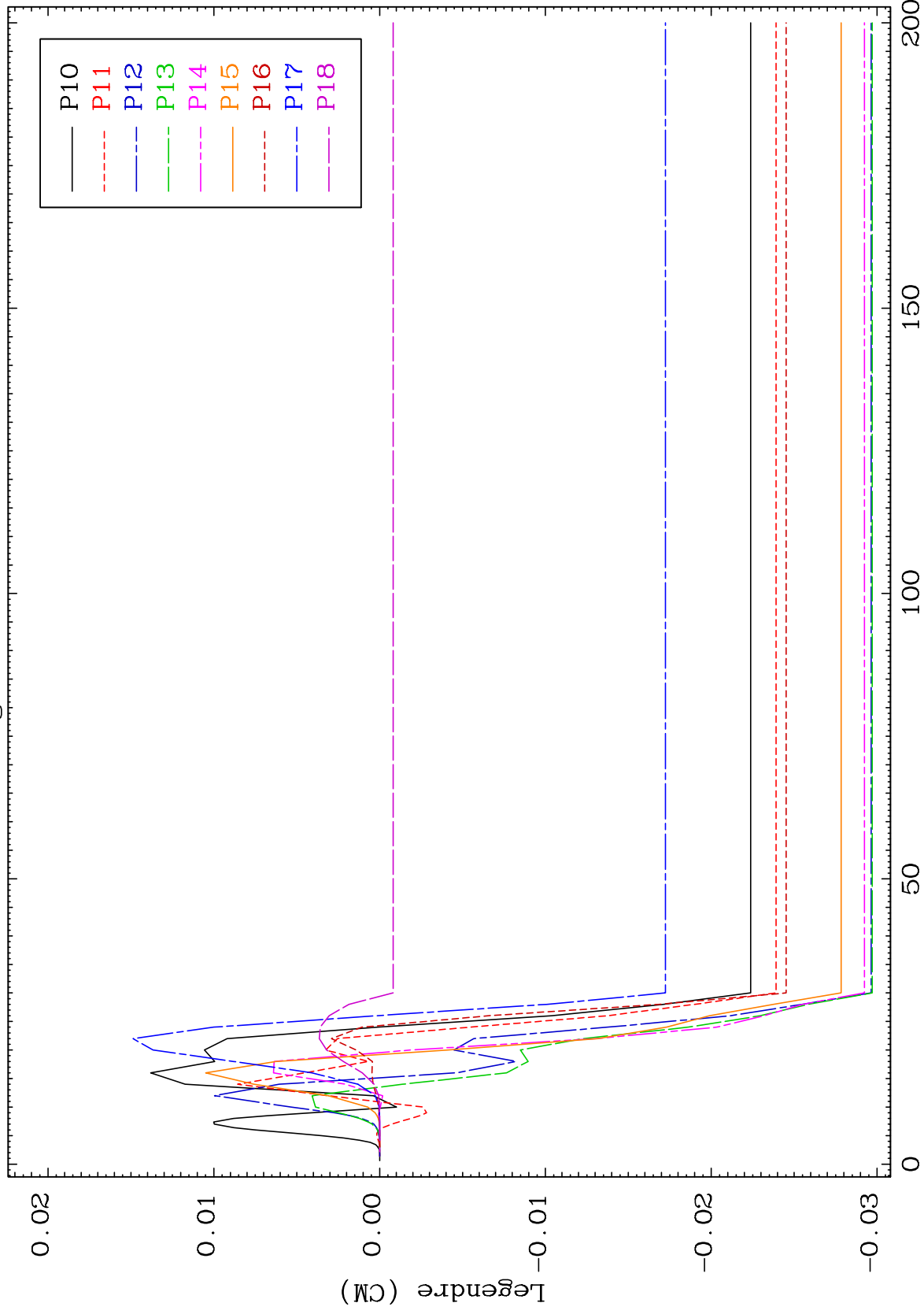
Incident Energy (MeV)

33

MAT 7328

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

73-Ta-181



34

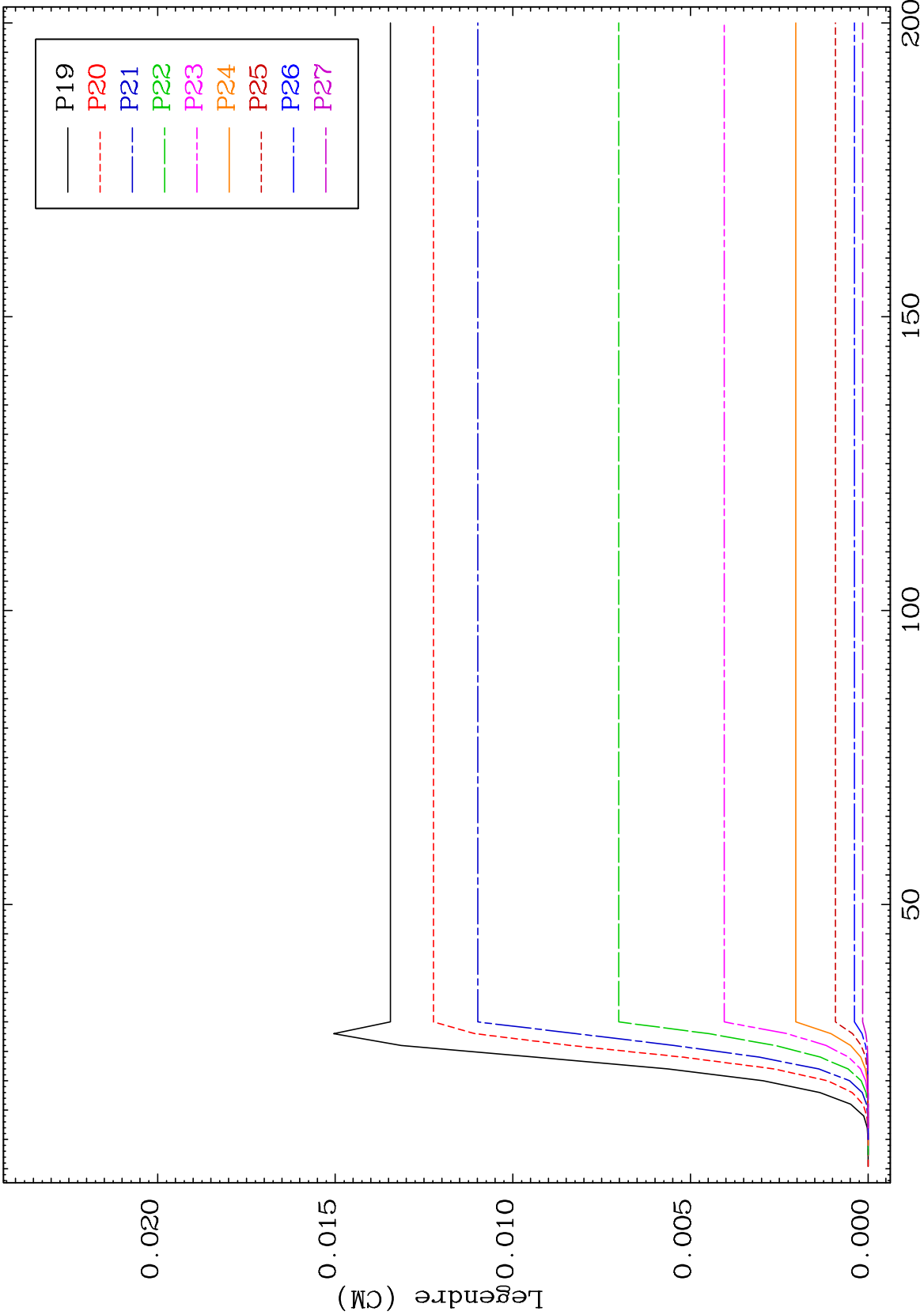
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



35

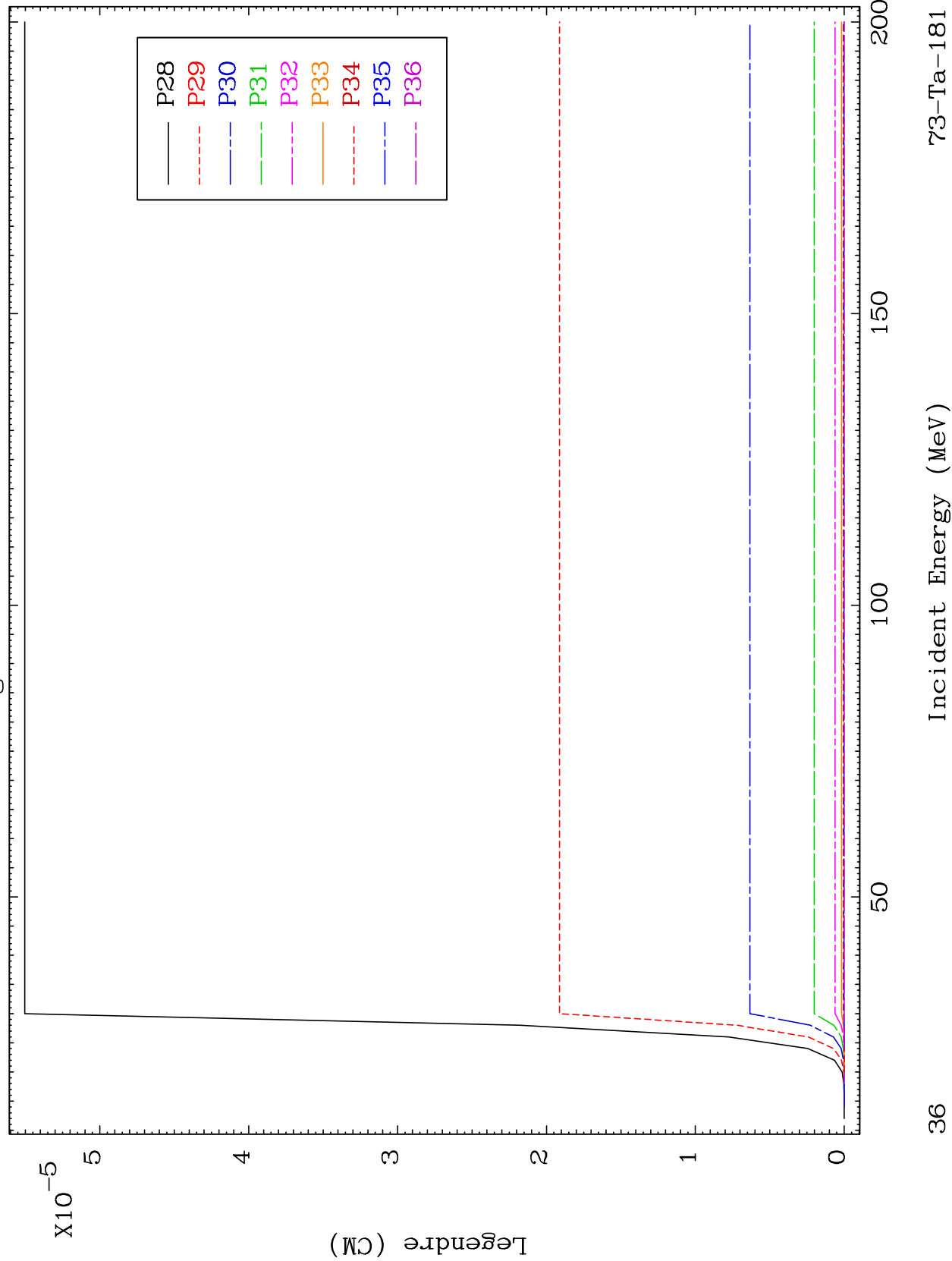
Incident Energy (MeV)

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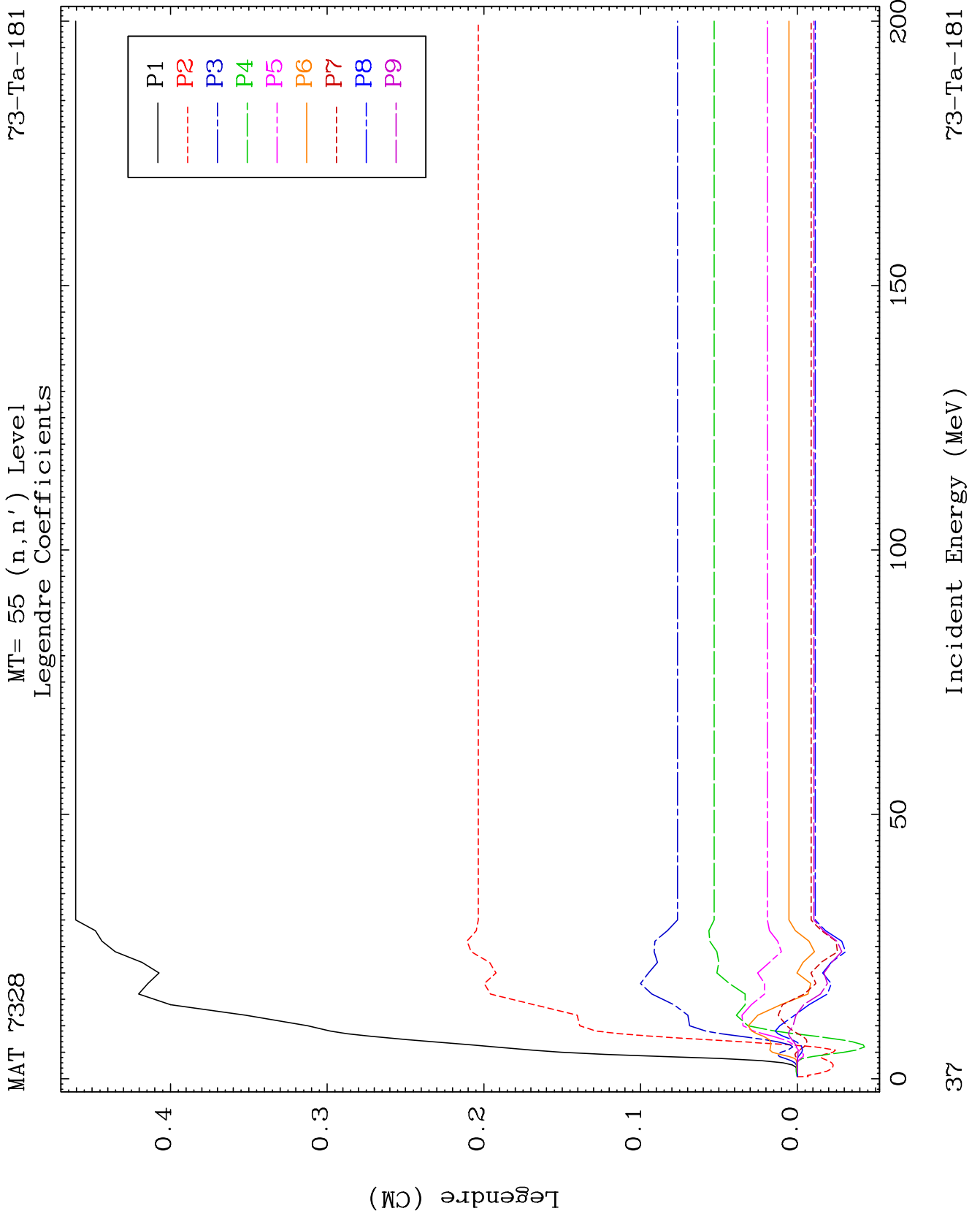
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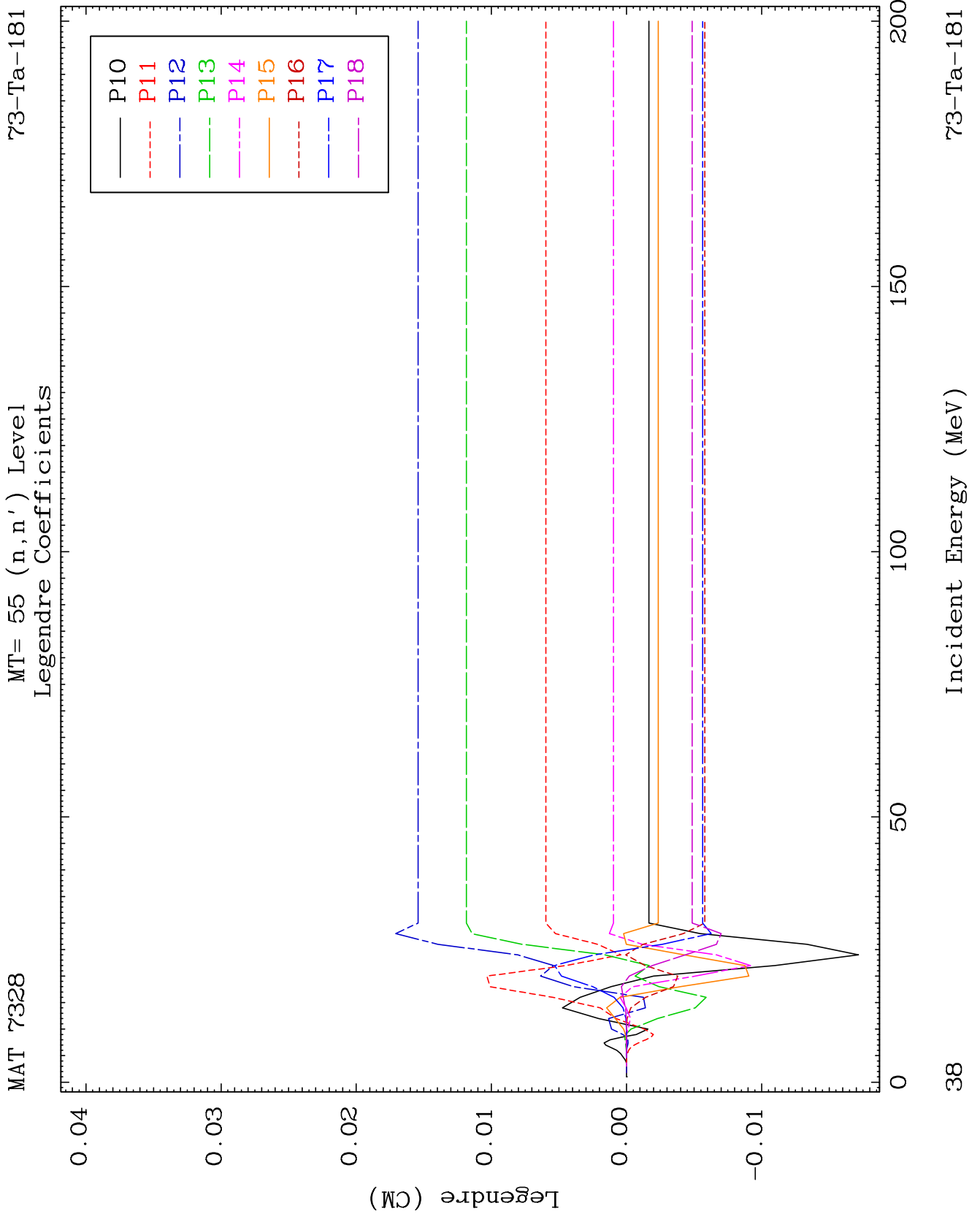
MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-181



36

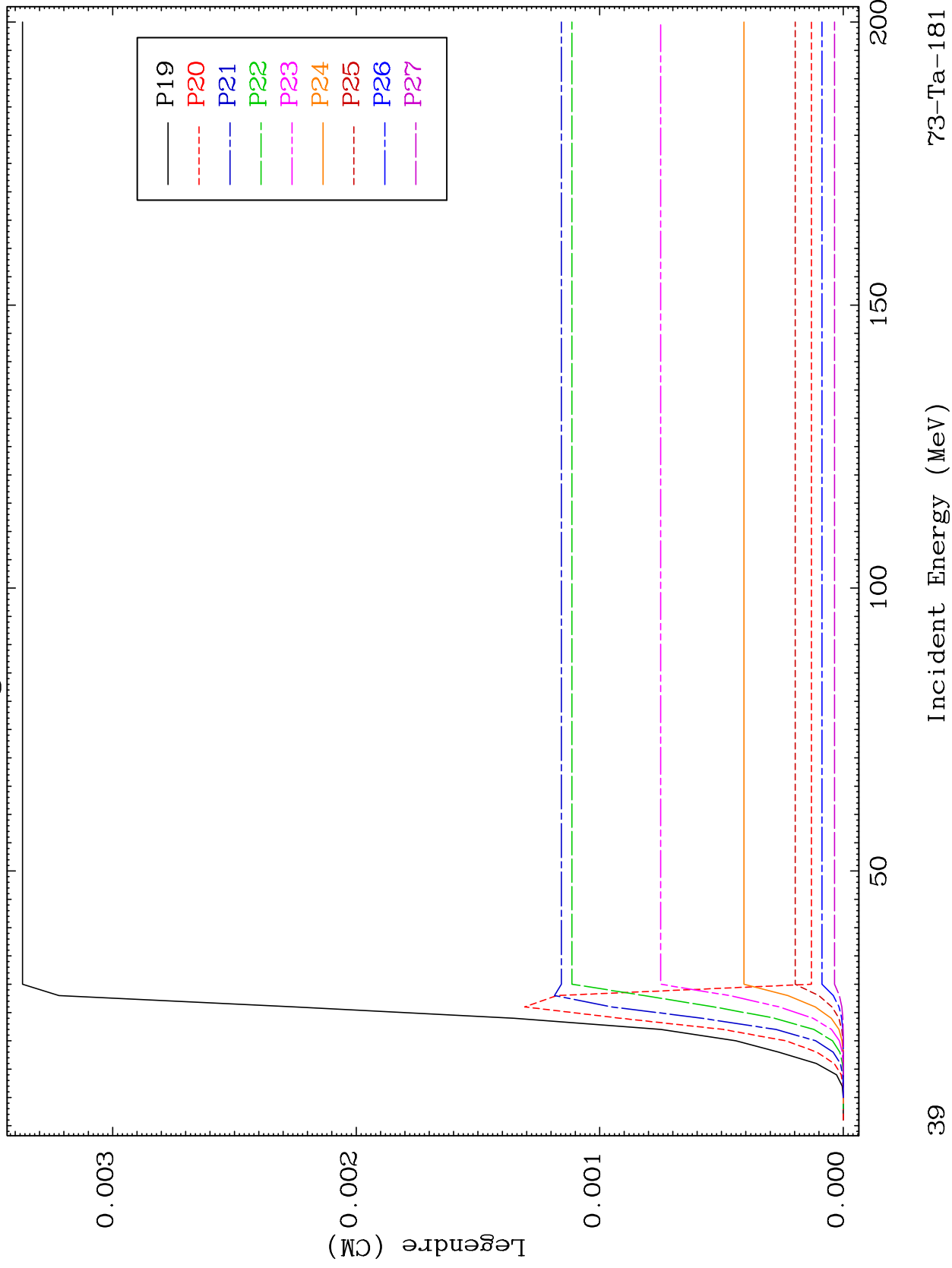




MAT 7328

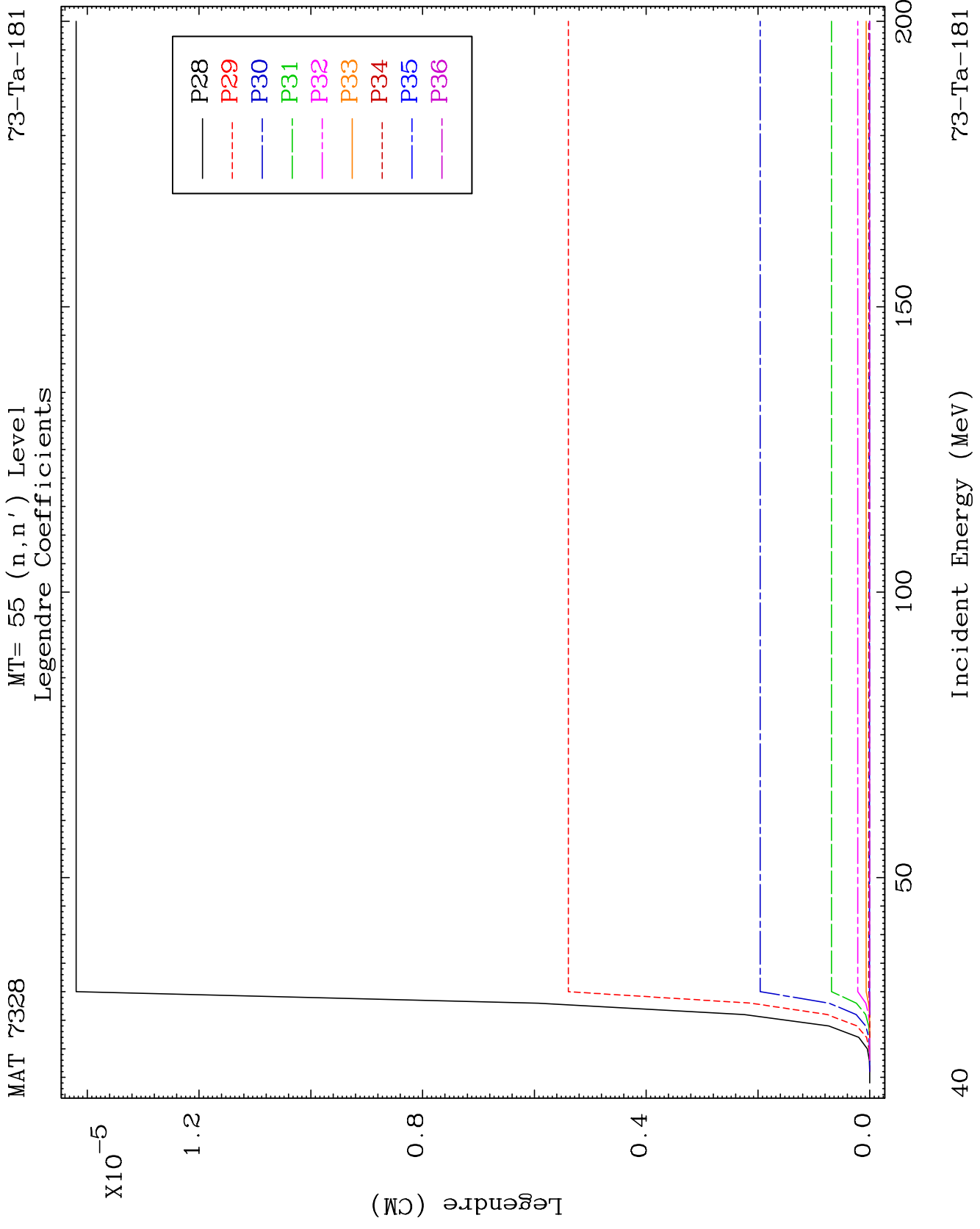
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Legendre Coefficients

73-Ta-181



39

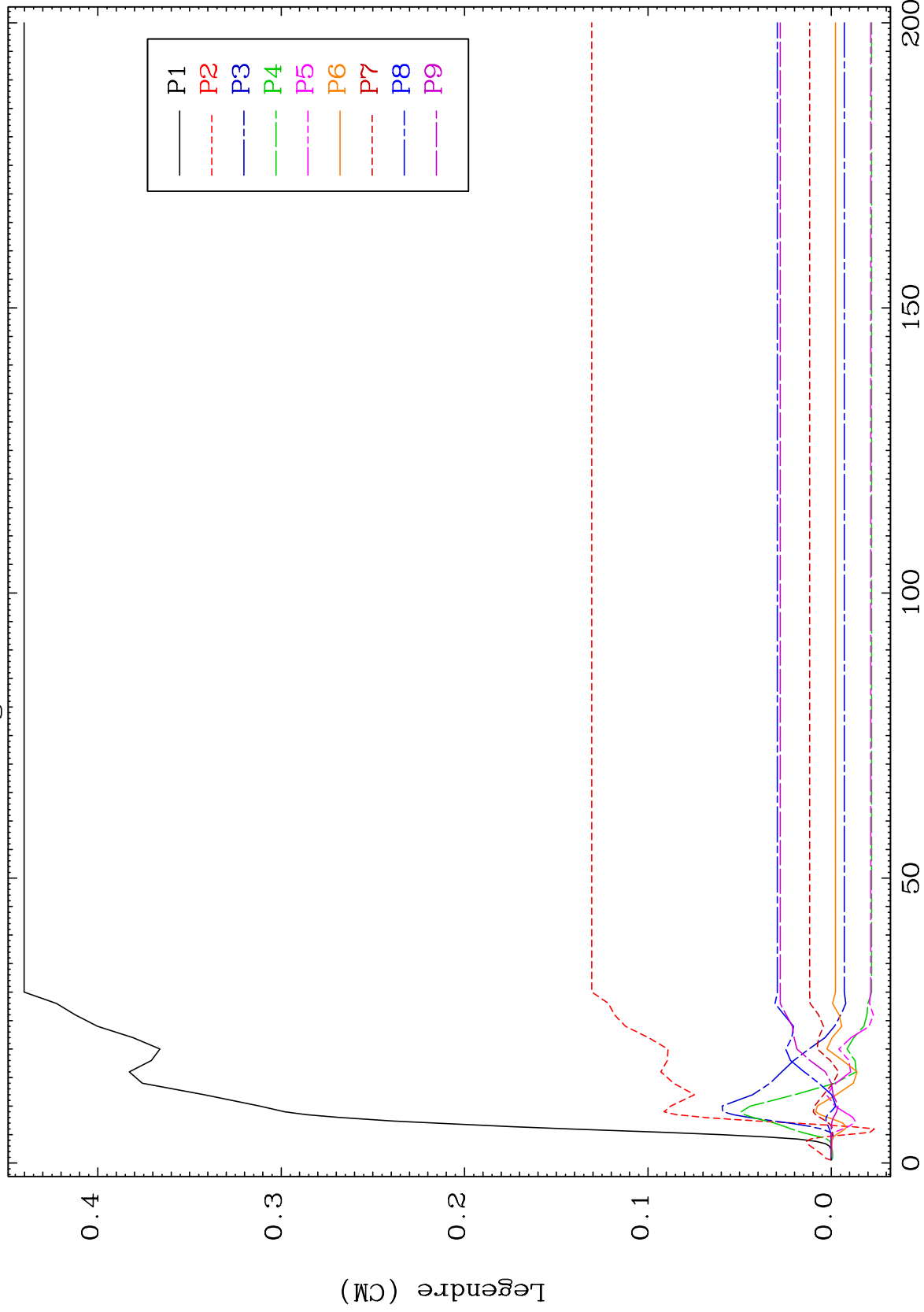
73-Ta-181



MAT 7328

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

73-Ta-181



41

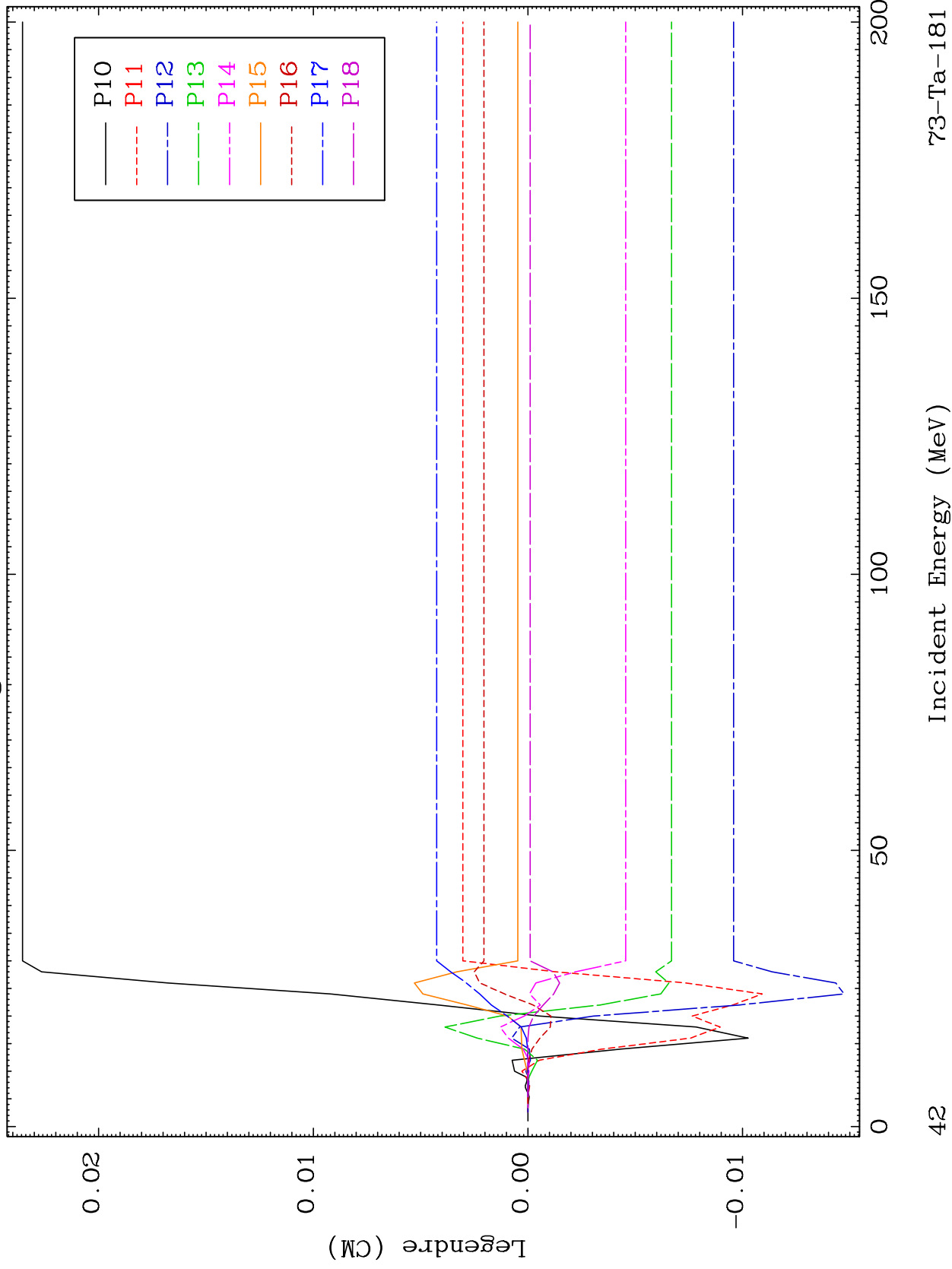
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



42

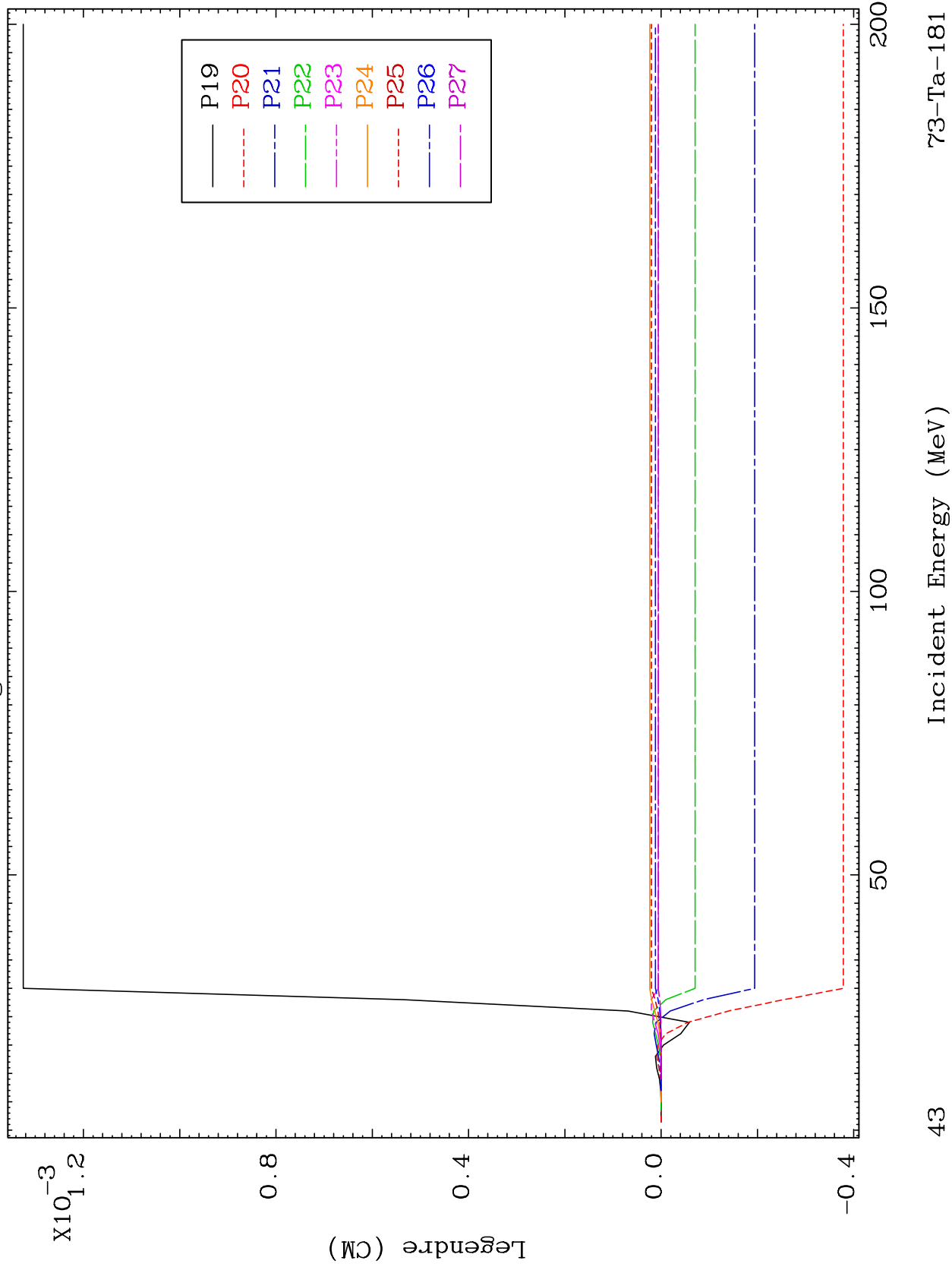
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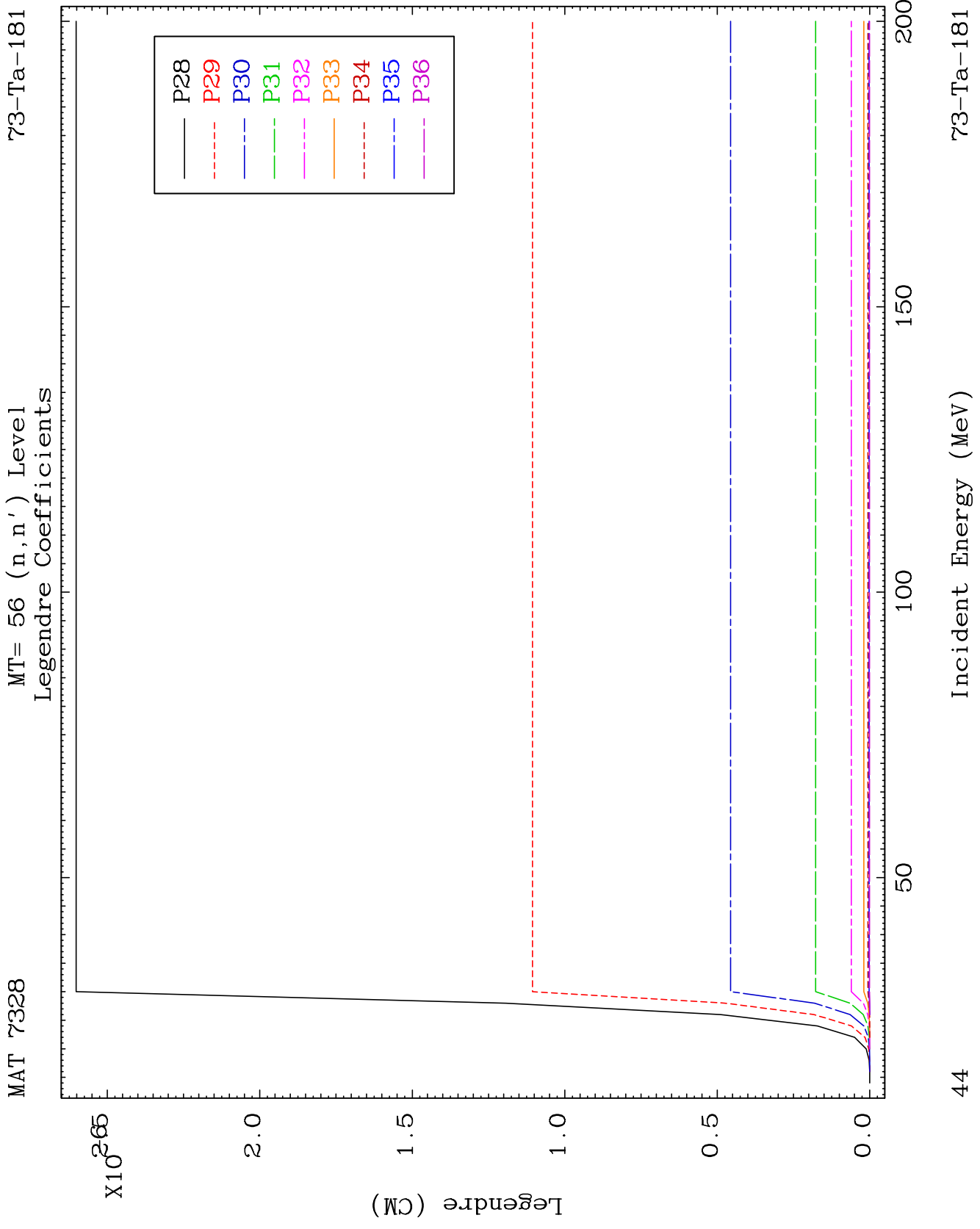
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MAT 7328

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

73-Ta-181

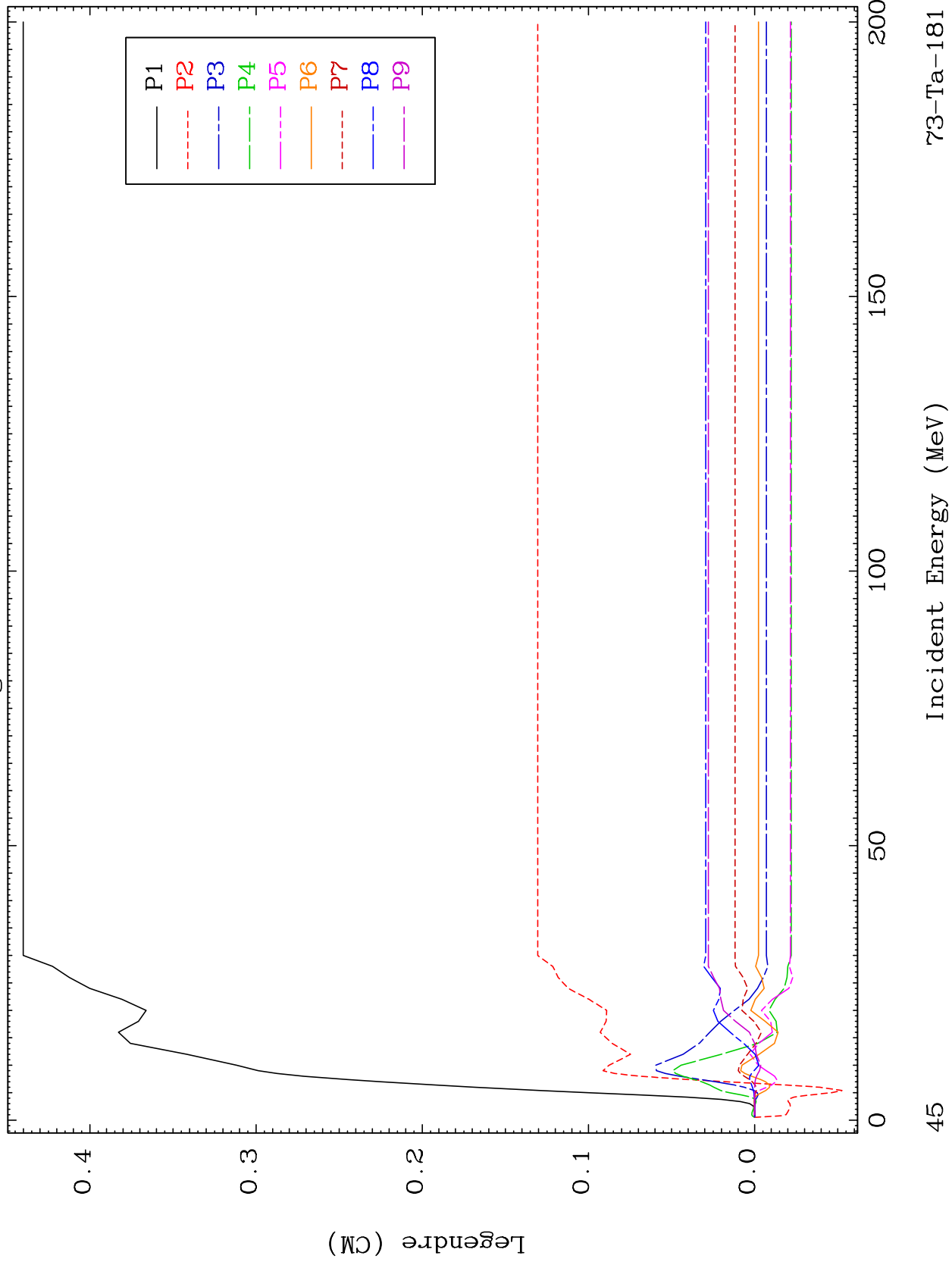




MAT 7328

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

73-Ta-181



73-Ta-181

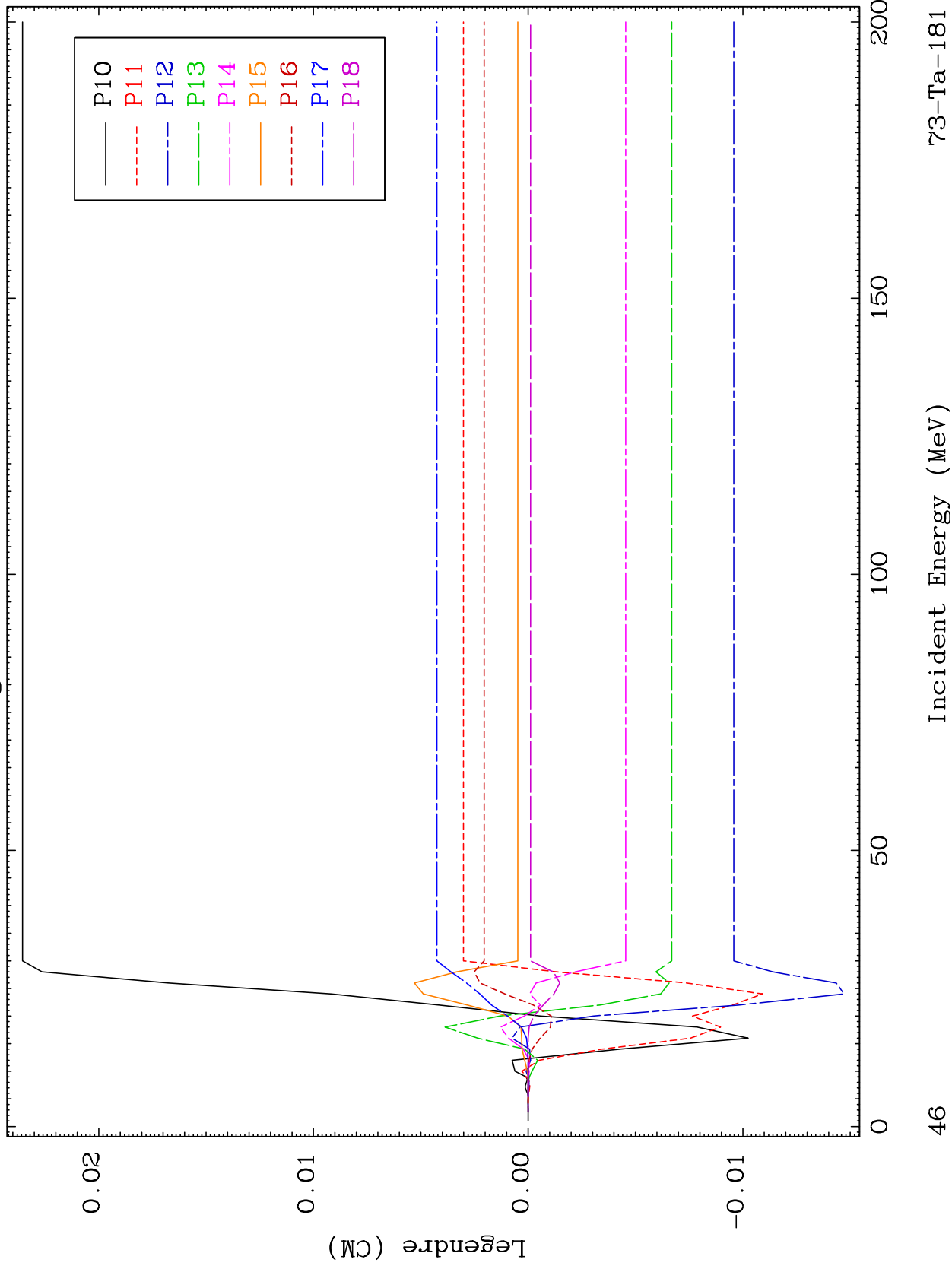
Incident Energy (MeV)

45

MAT 7328

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

73-Ta-181



73-Ta-181

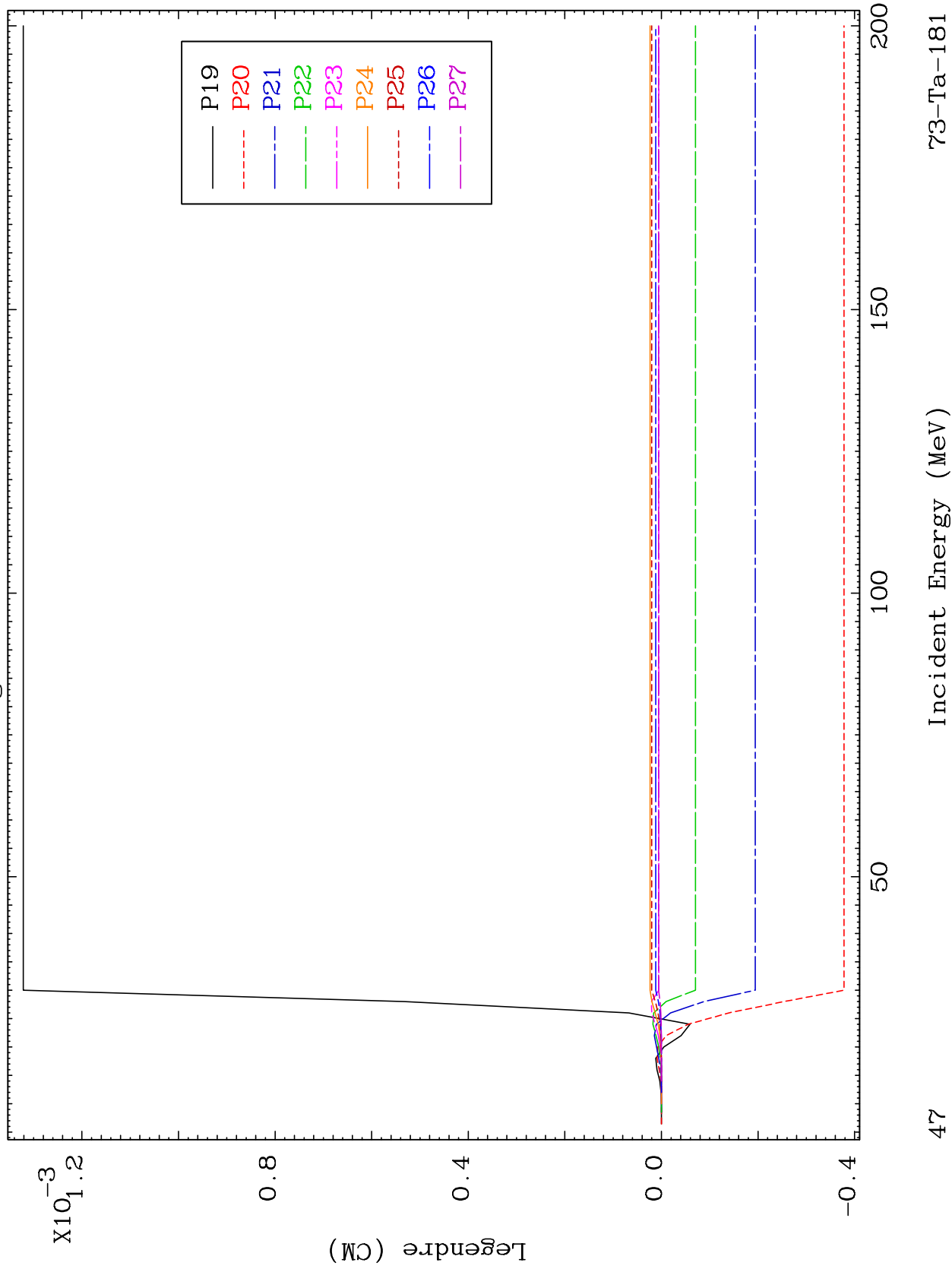
Incident Energy (MeV)

46

MAT 7328

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

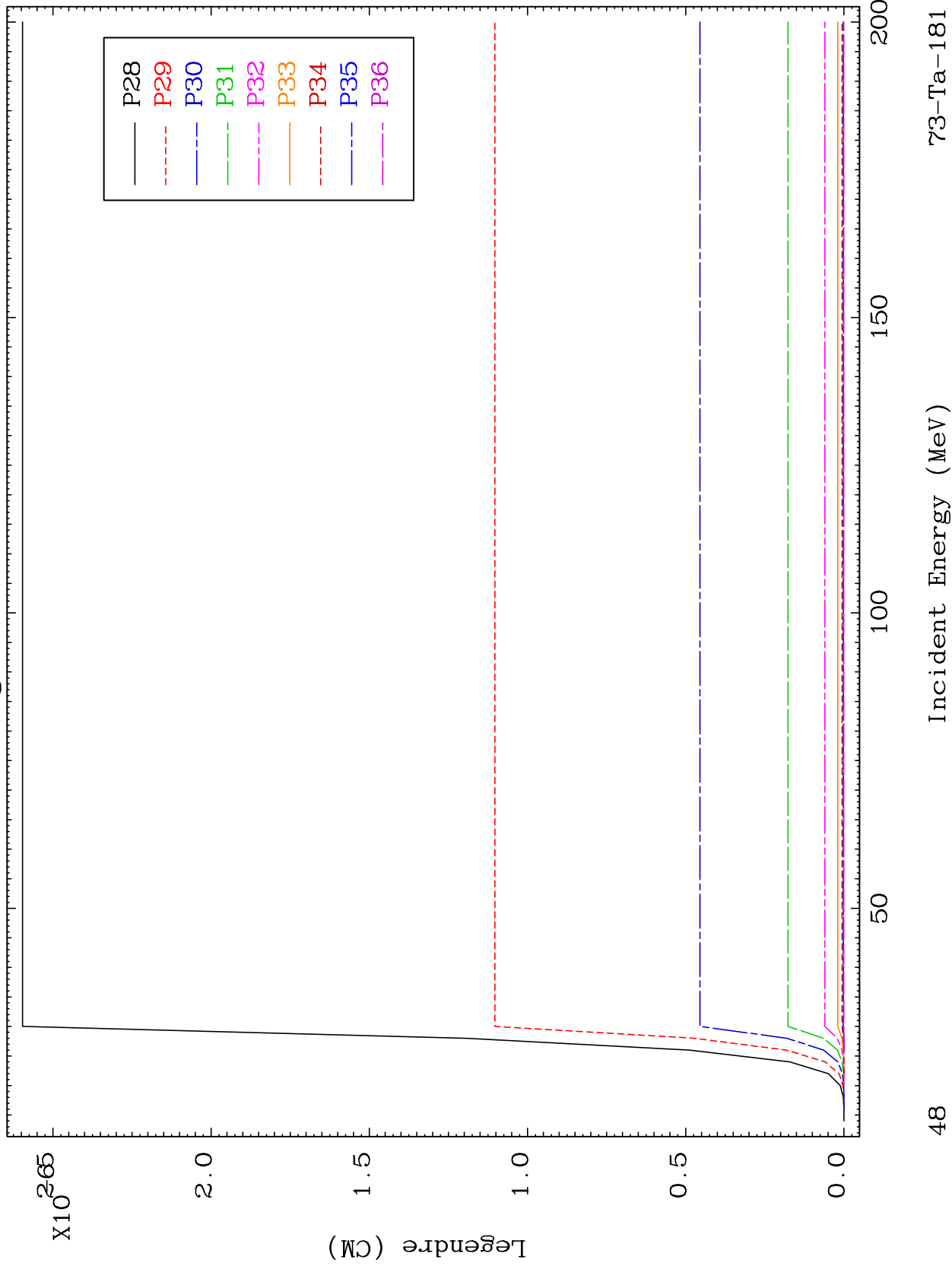
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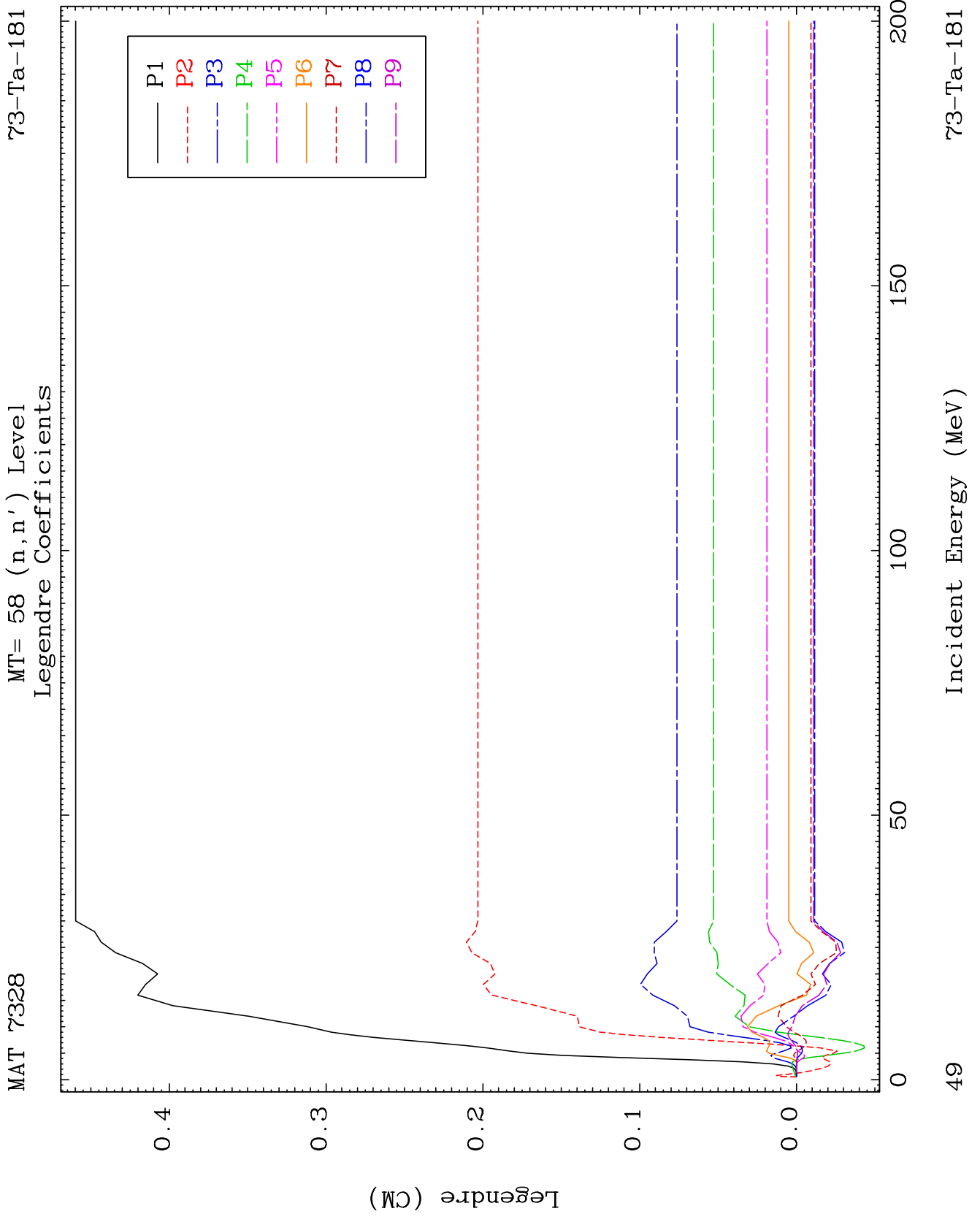


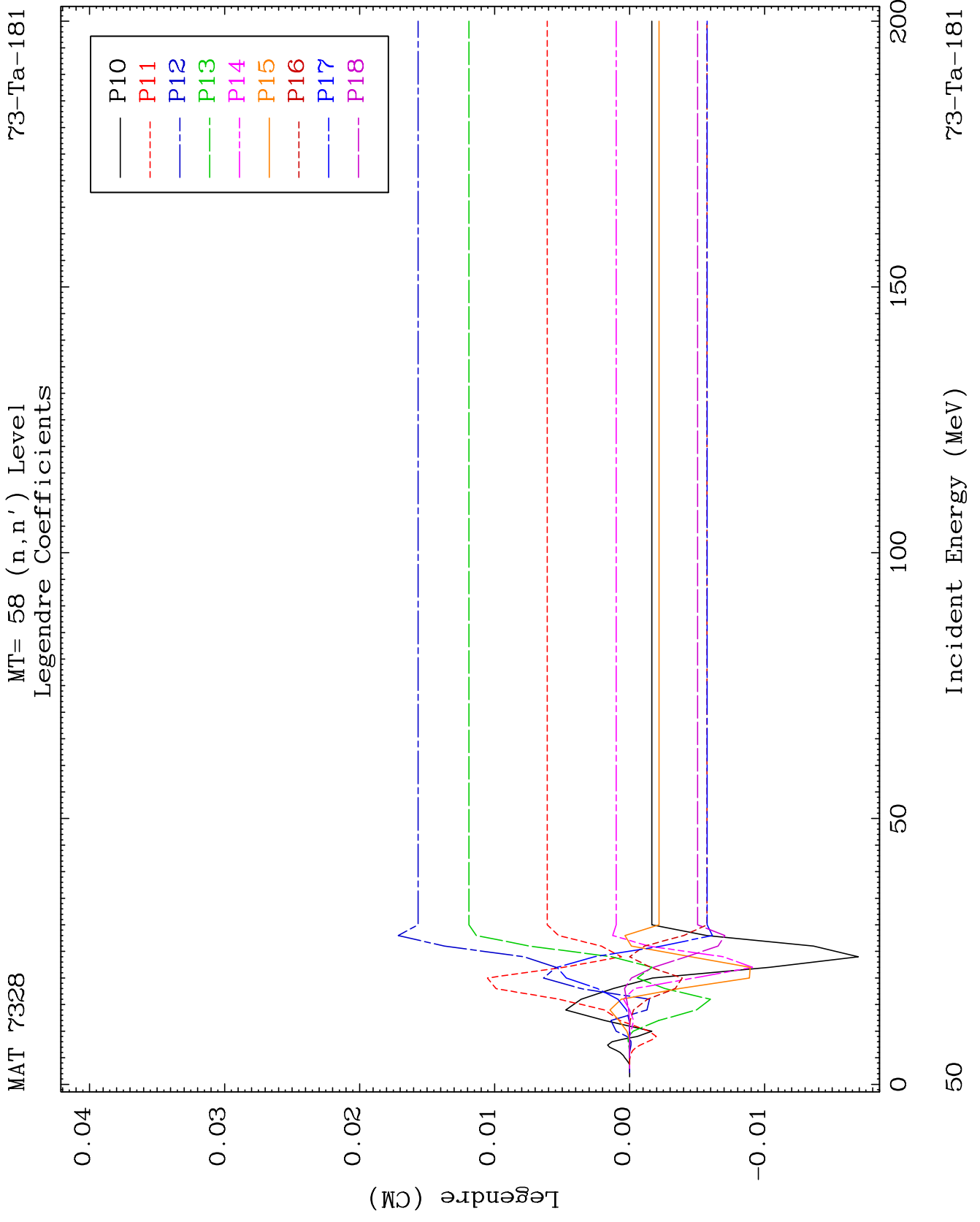
MAT 7328

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

73-Ta-181



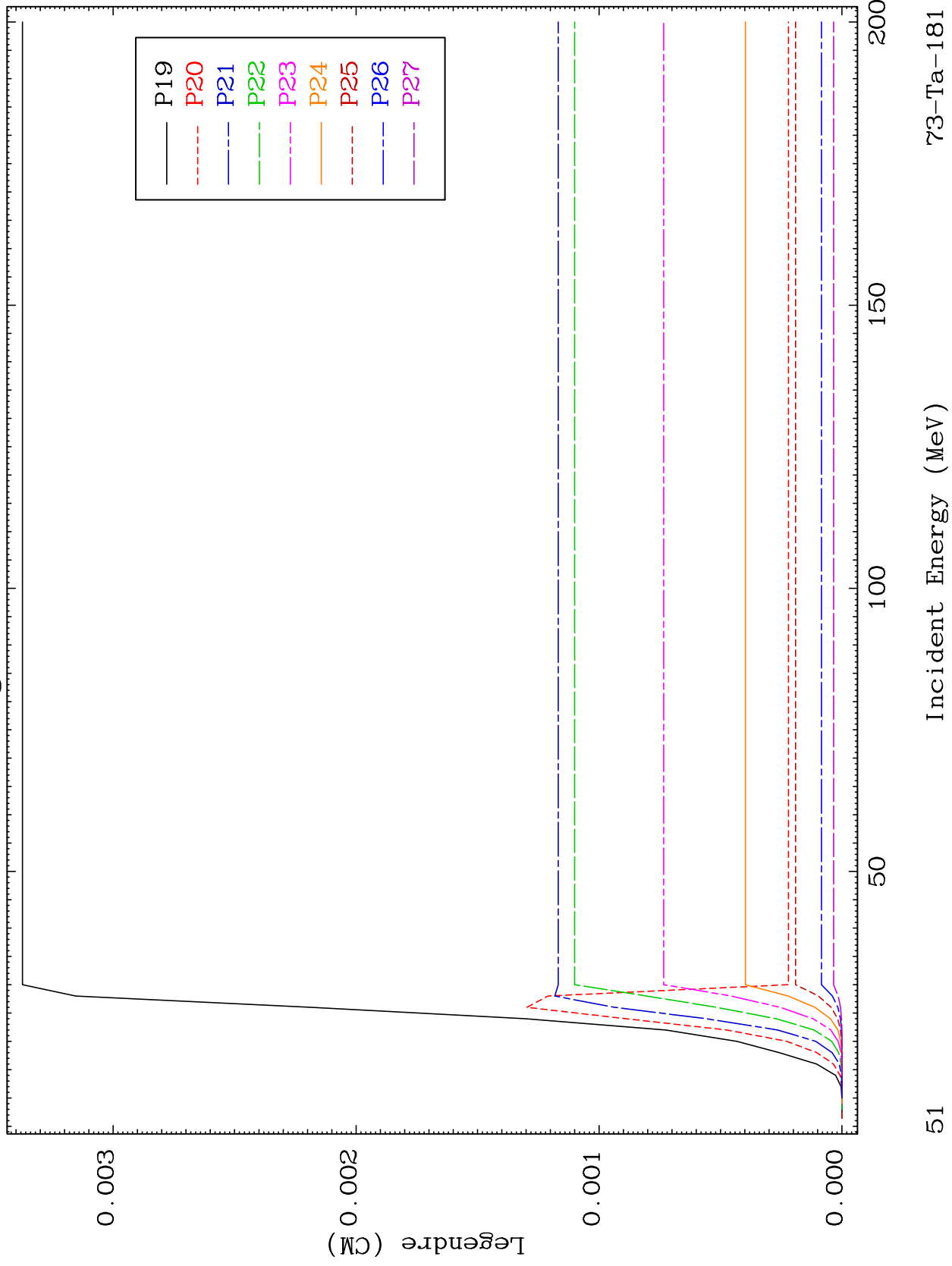




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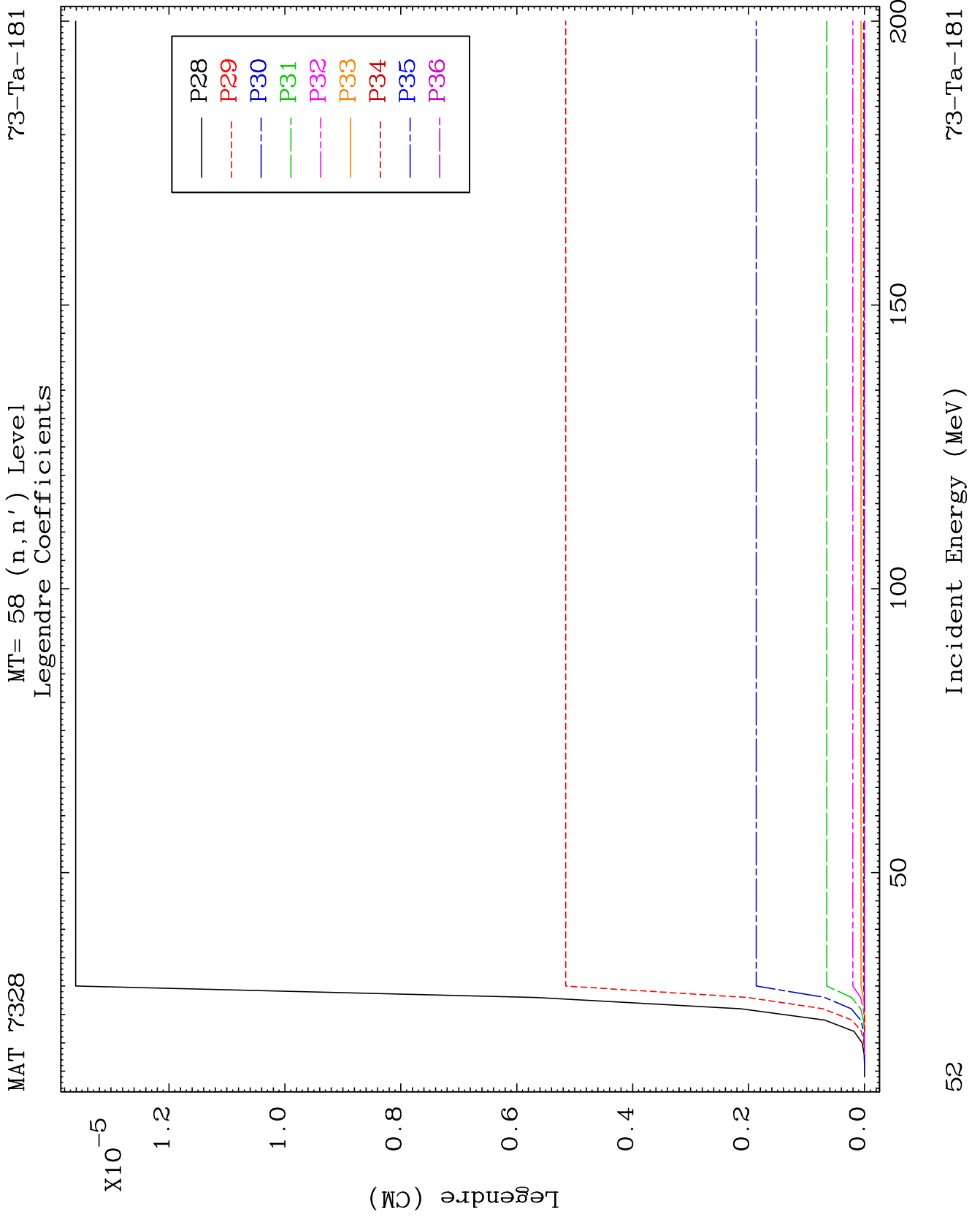
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Legendre Coefficients

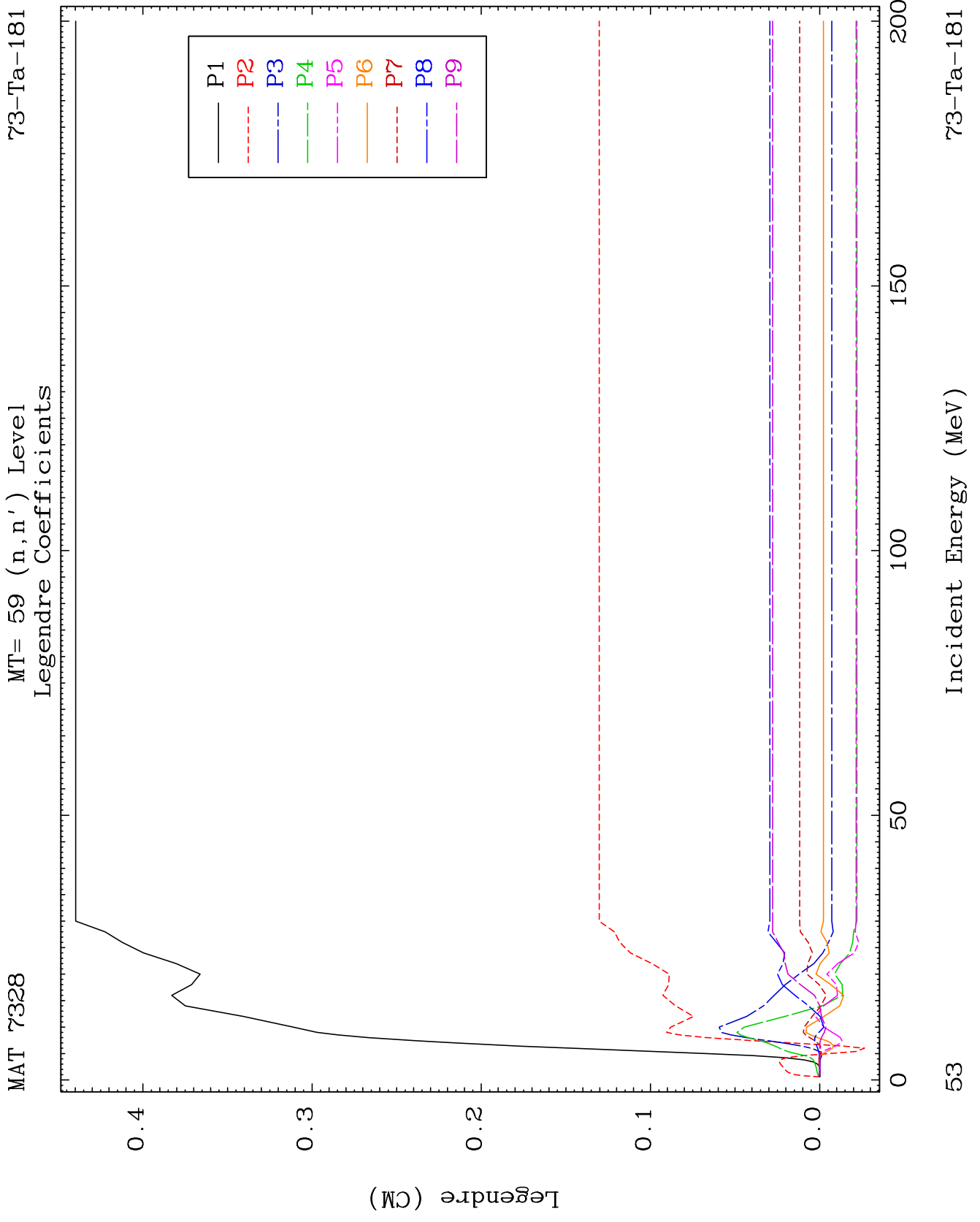
73-Ta-181



51

73-Ta-181

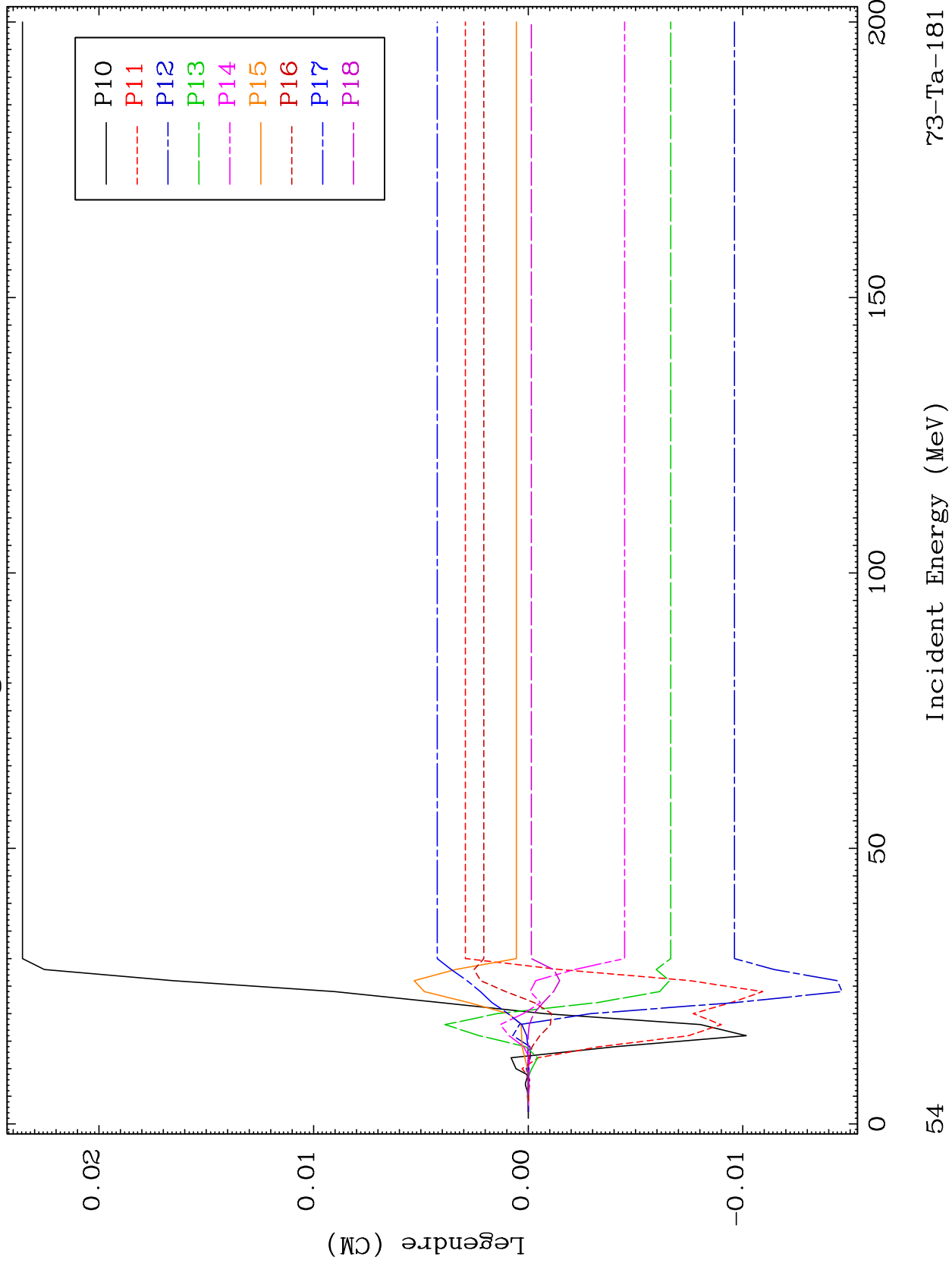




MAT 7328

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

73-Ta-181



54

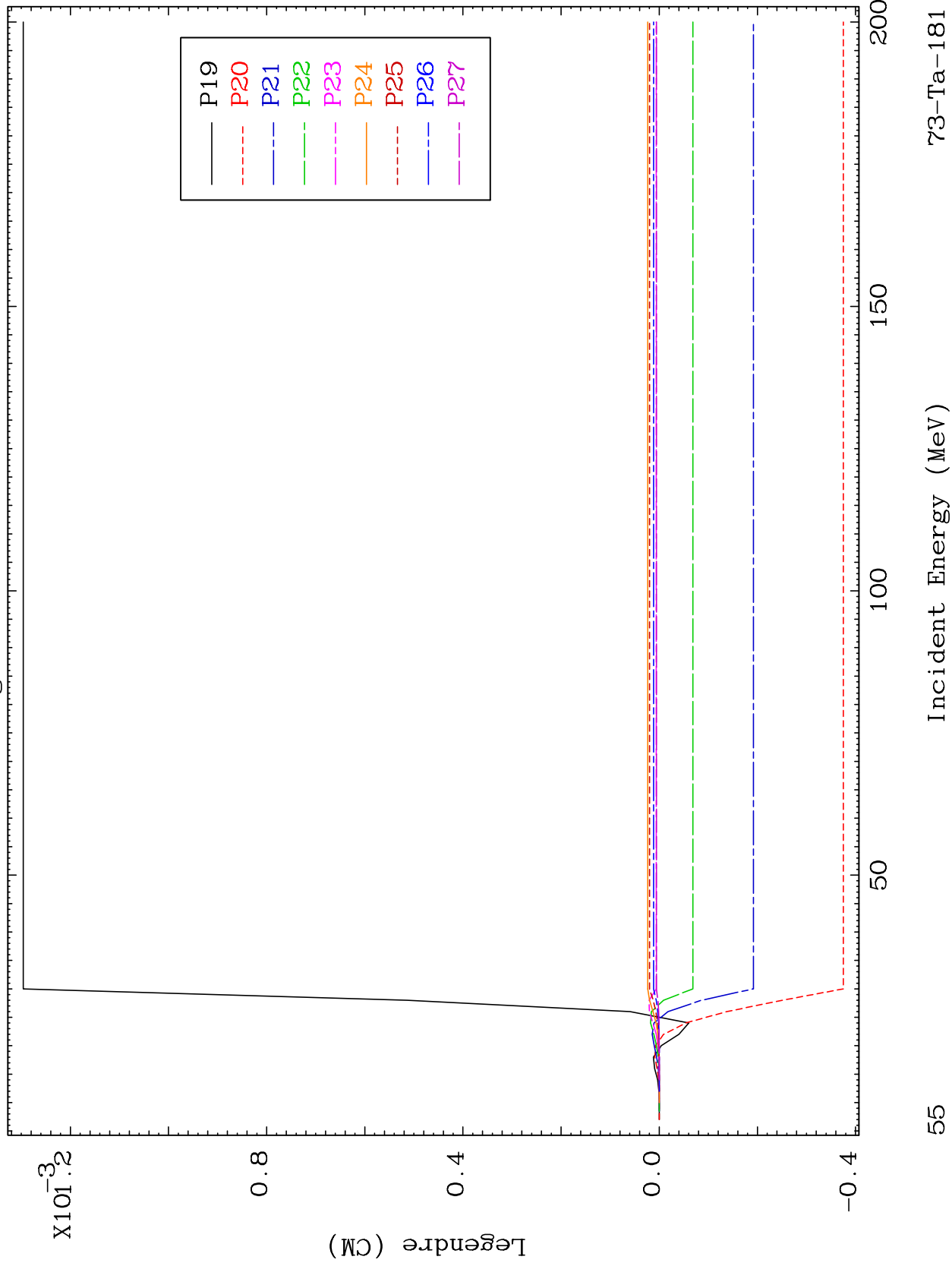
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

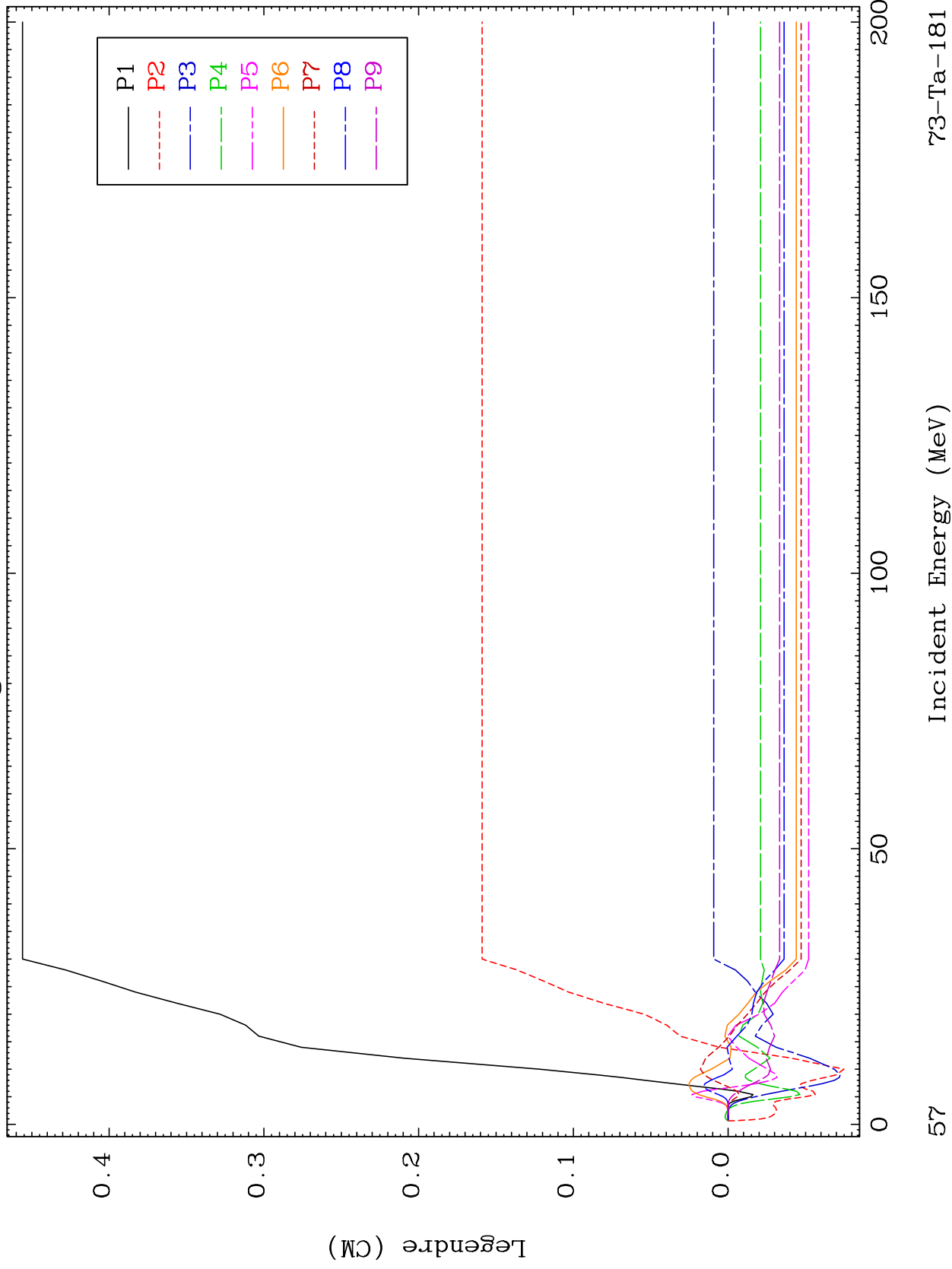
73-Ta-181



MAT 7328

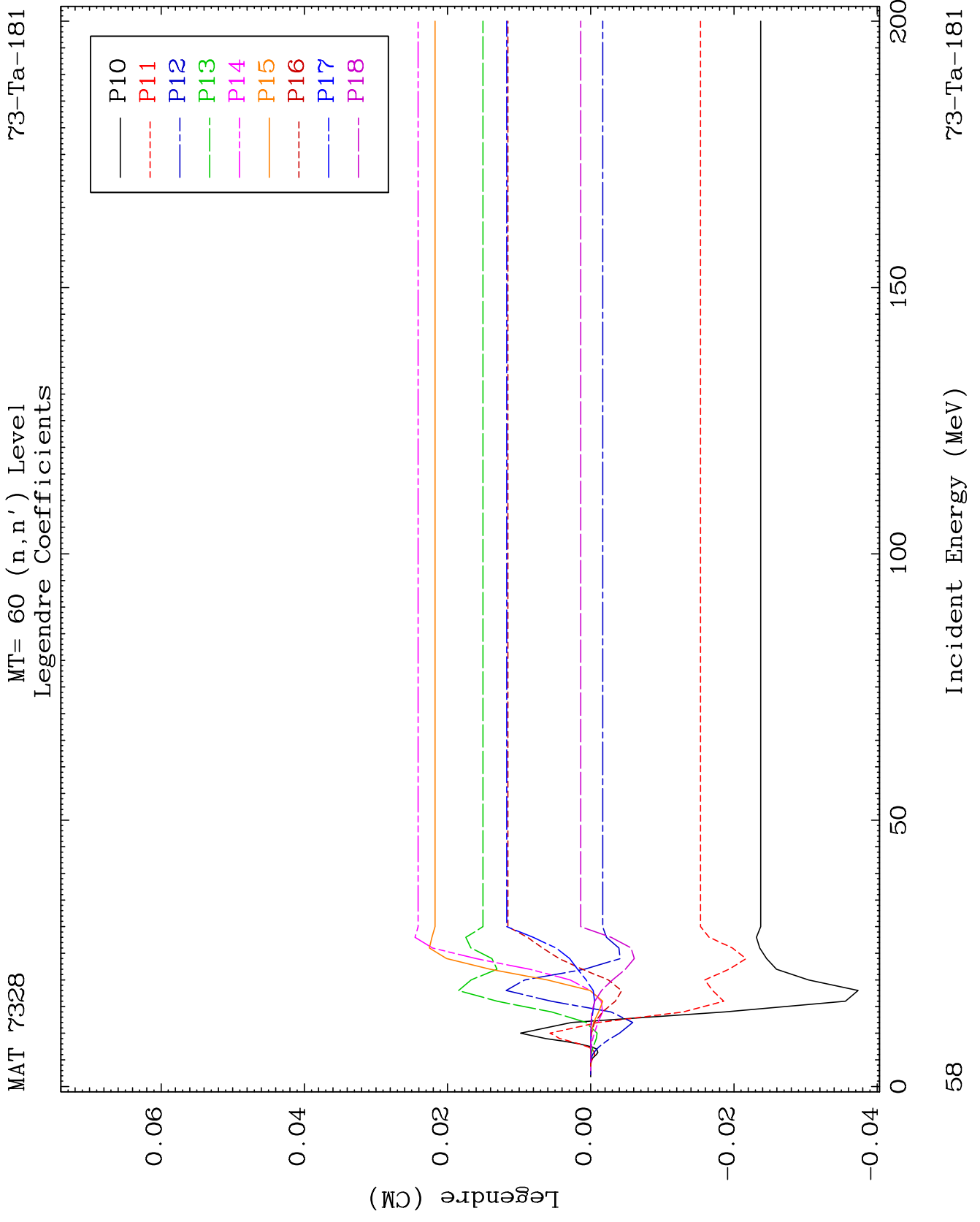
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Legendre Coefficients

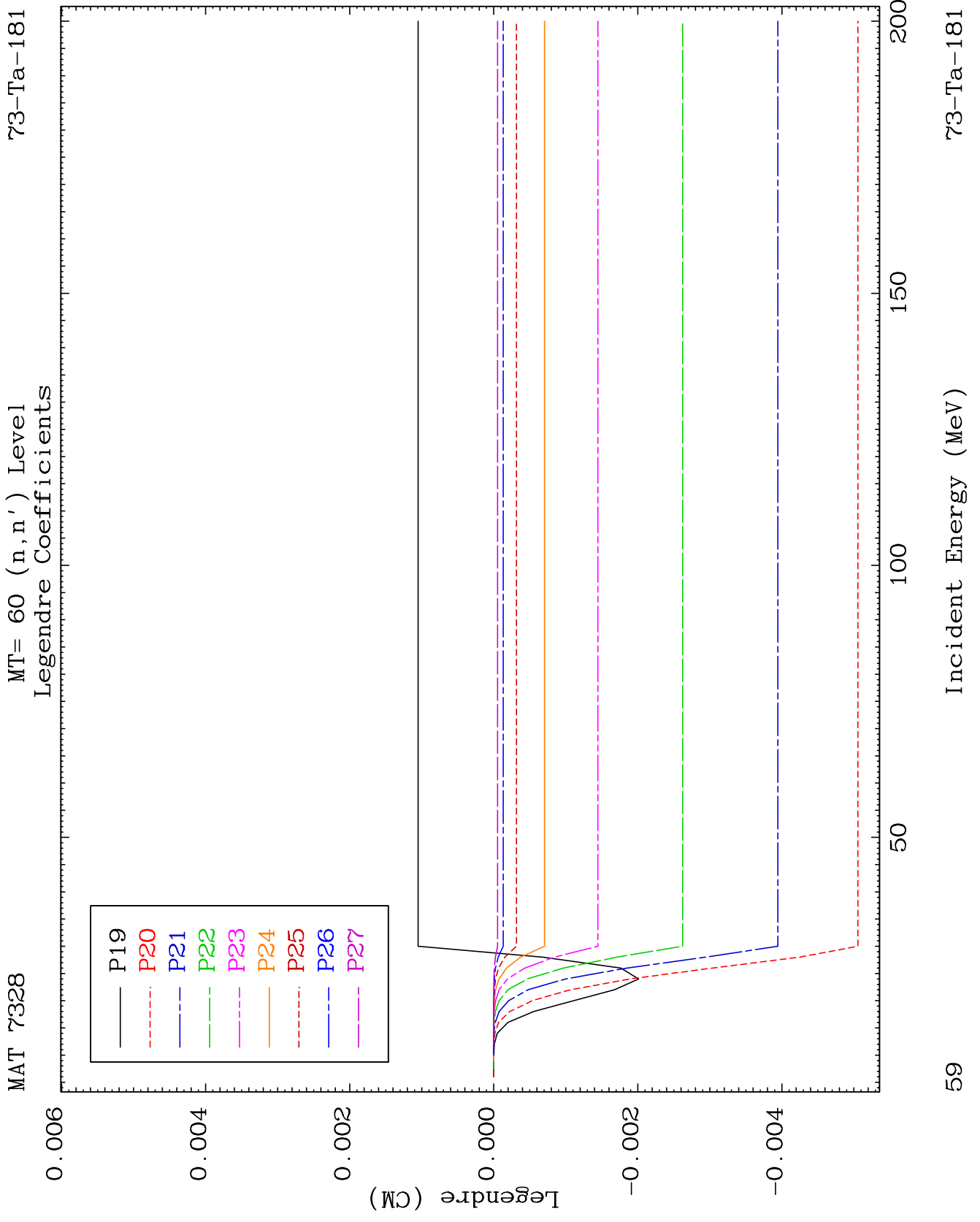
73-Ta-181

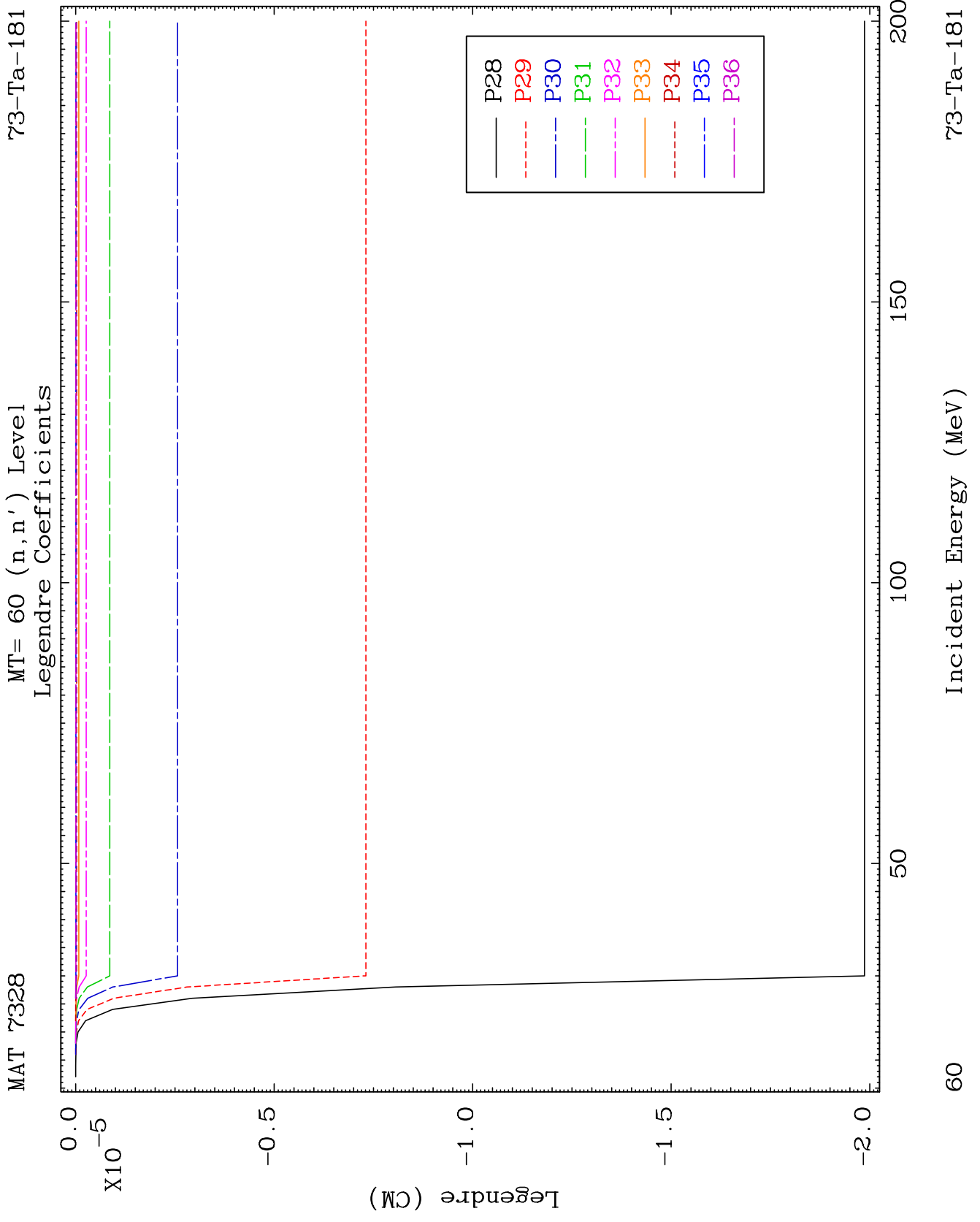


57

73-Ta-181



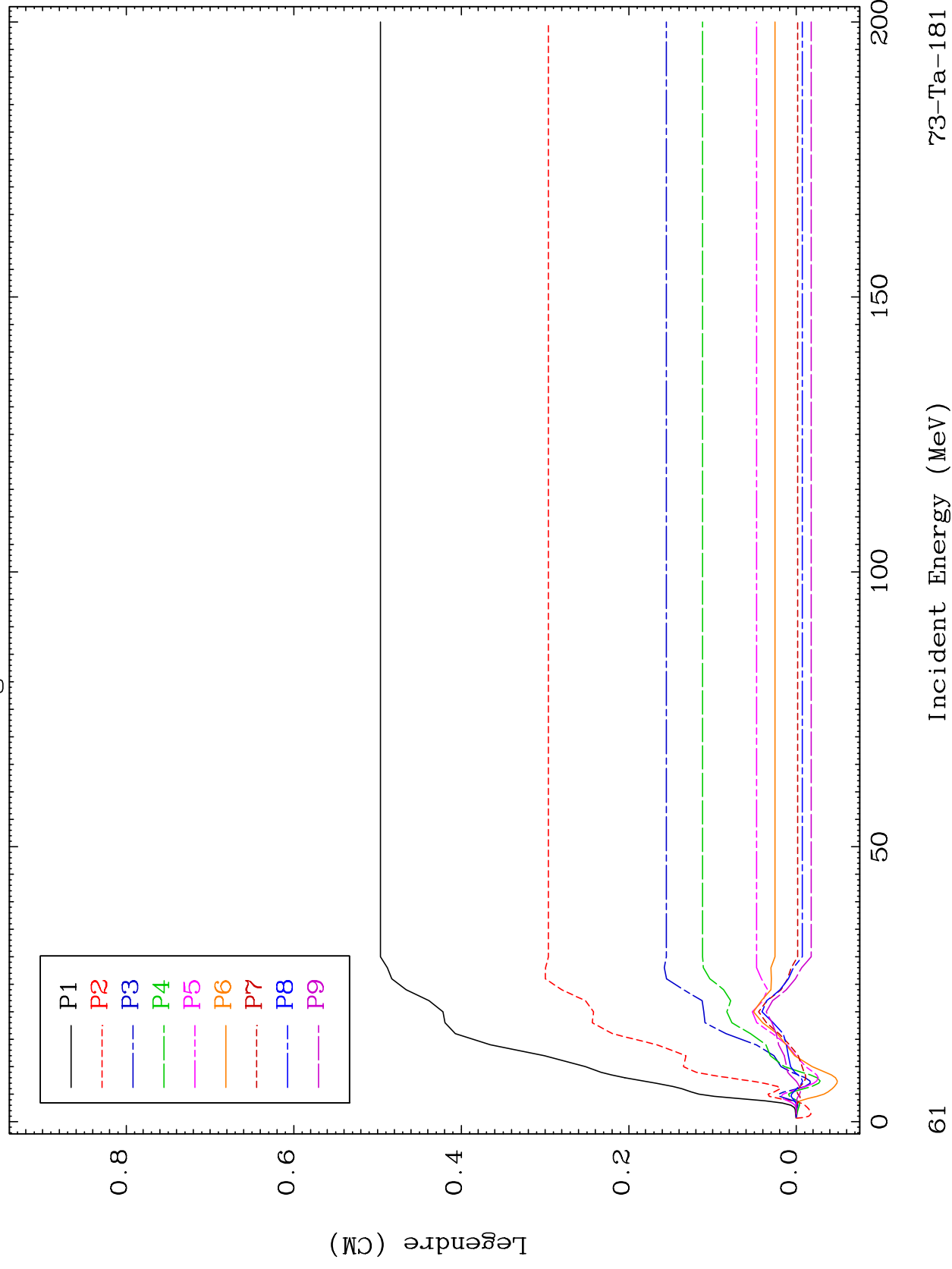




MAT 7328

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

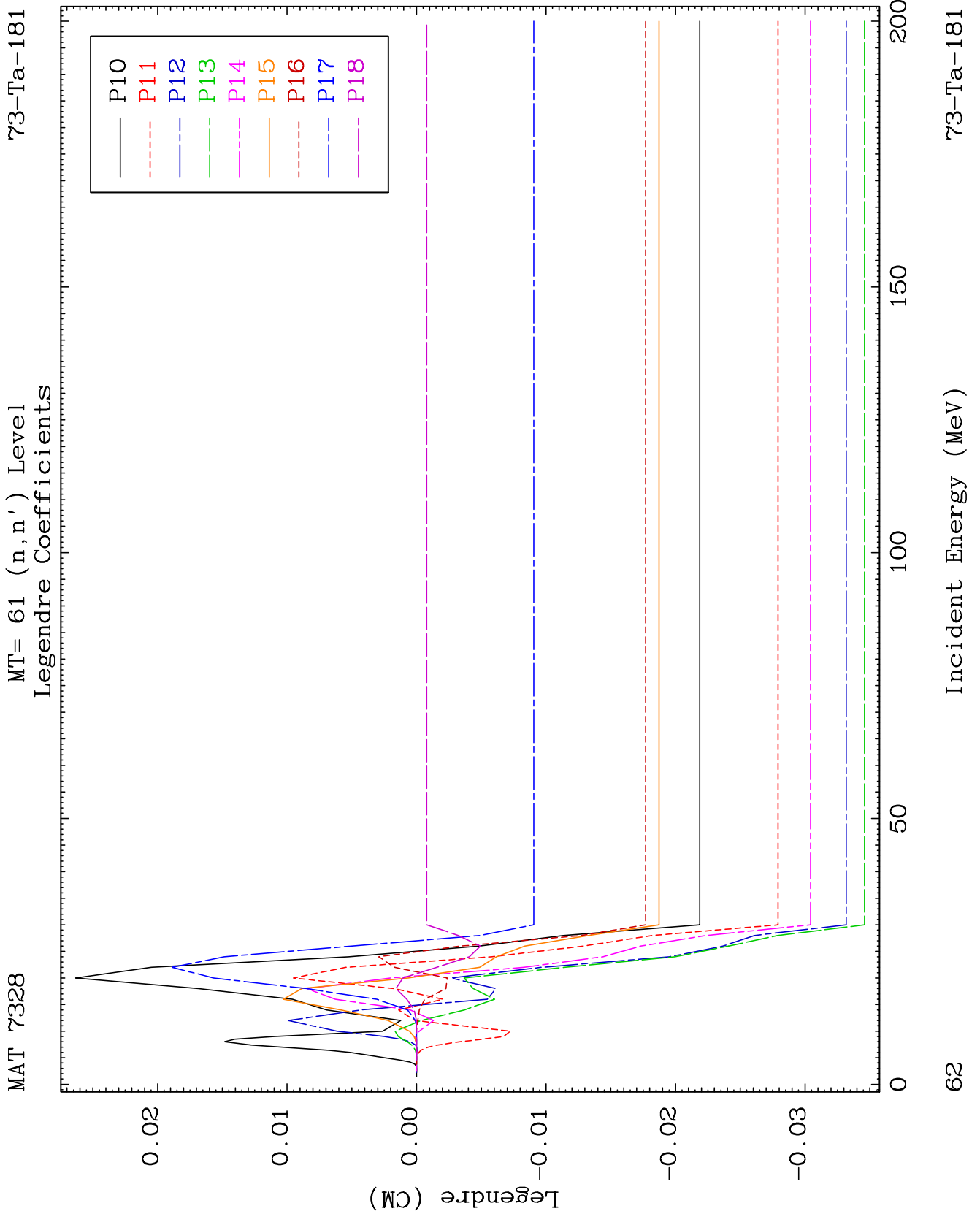
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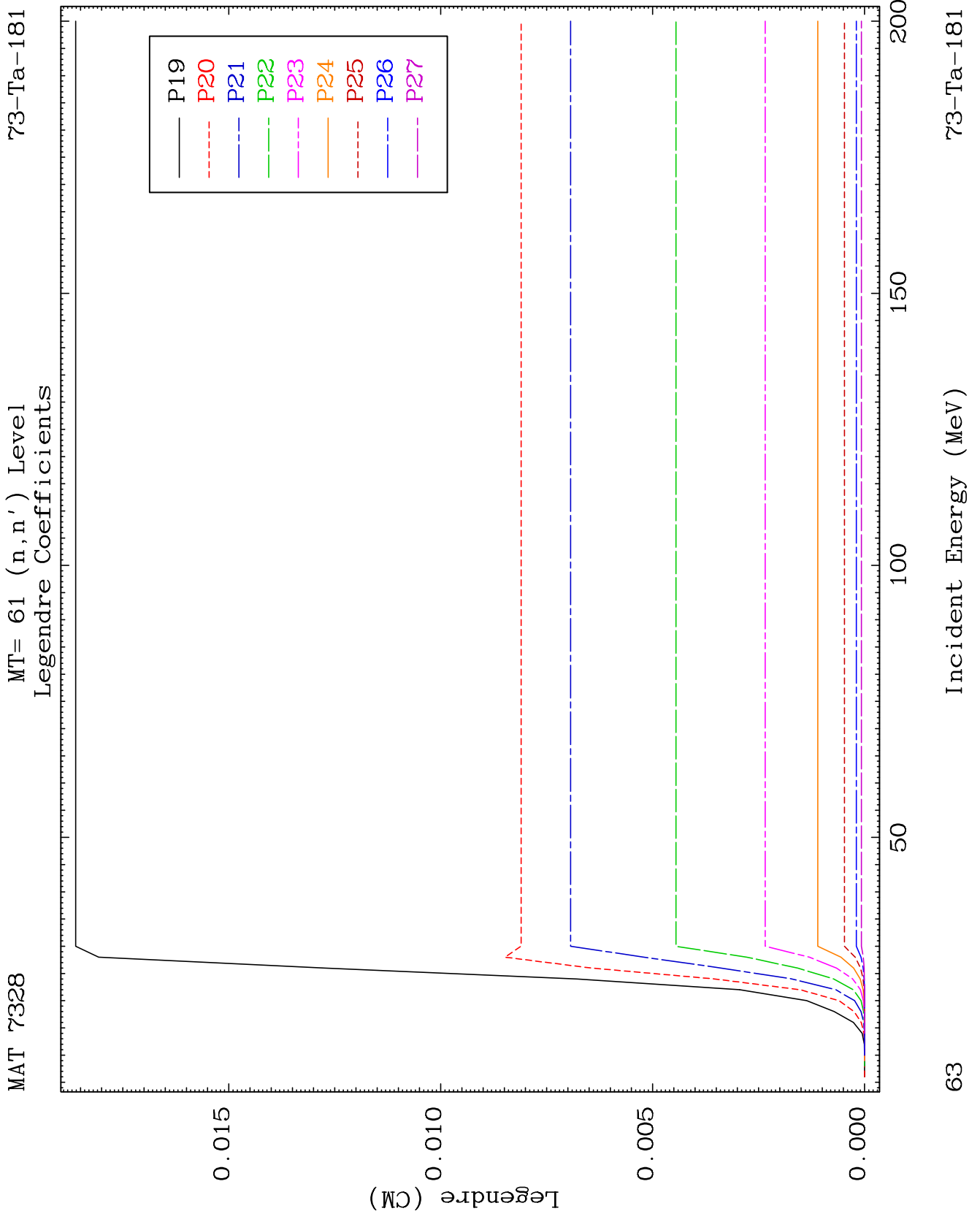


61

Incident Energy (MeV)

73-Ta-181

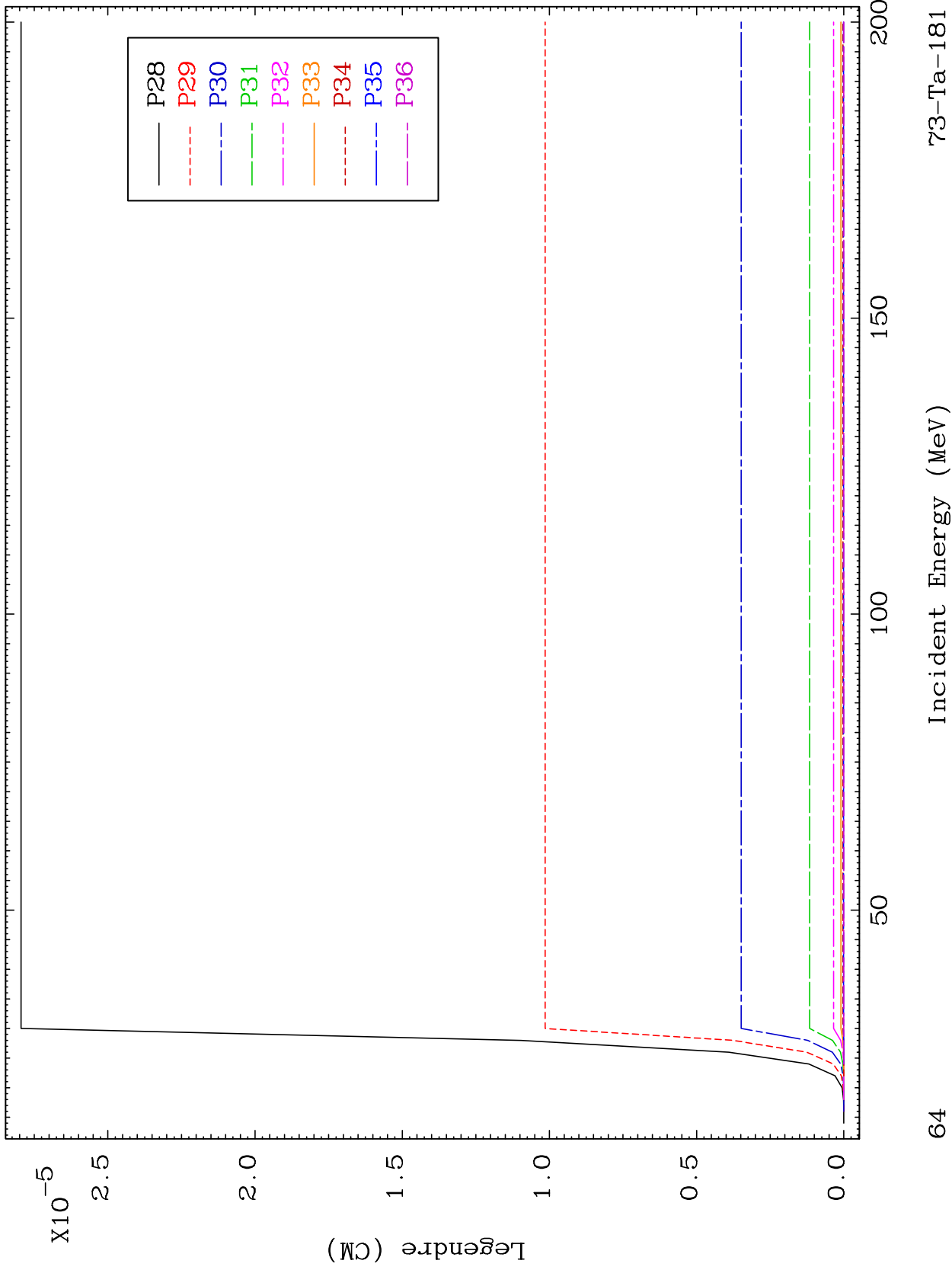




MAT 7328

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

73-Ta-181

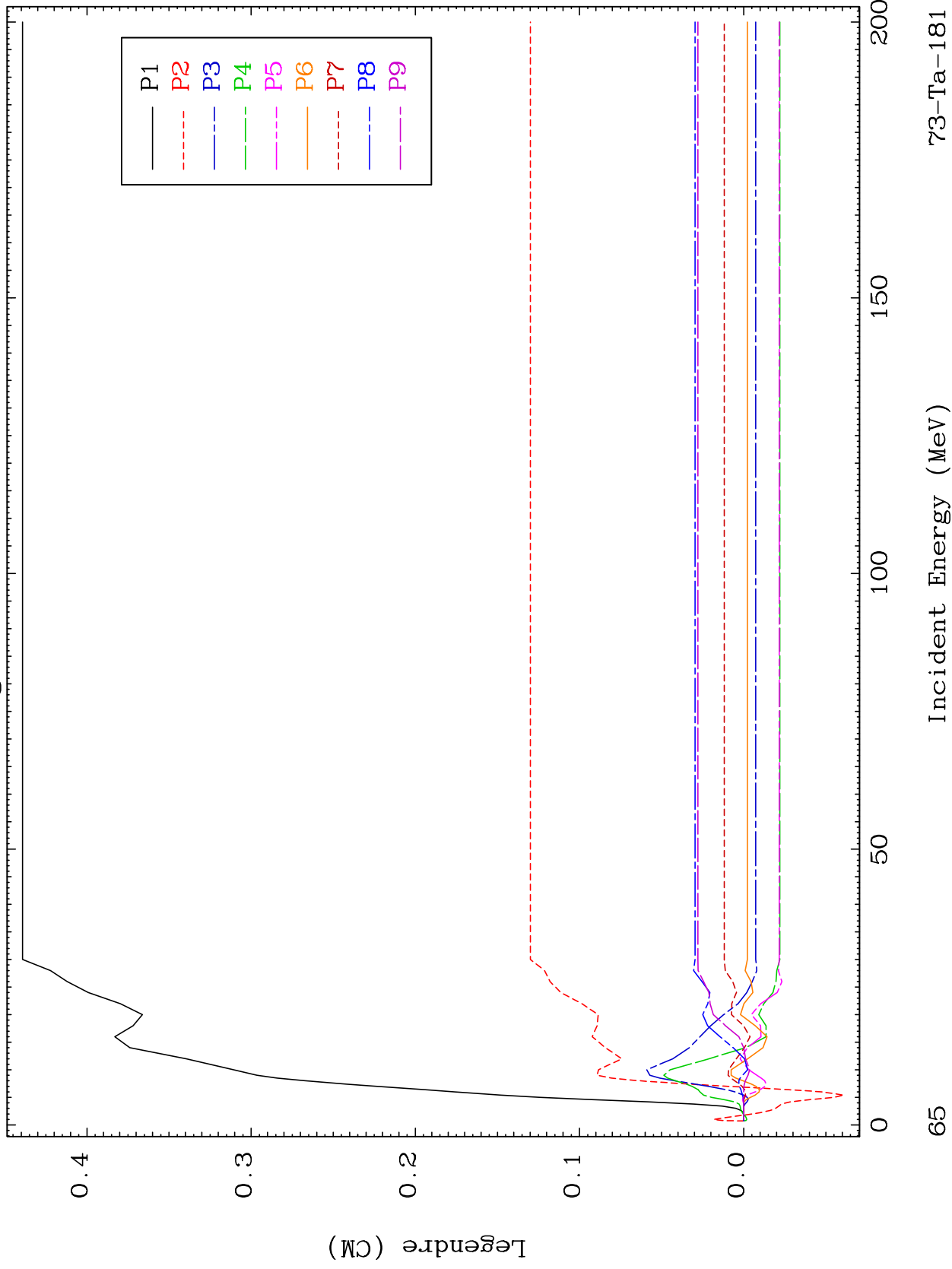


64

MAT 7328

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

73-Ta-181



73-Ta-181

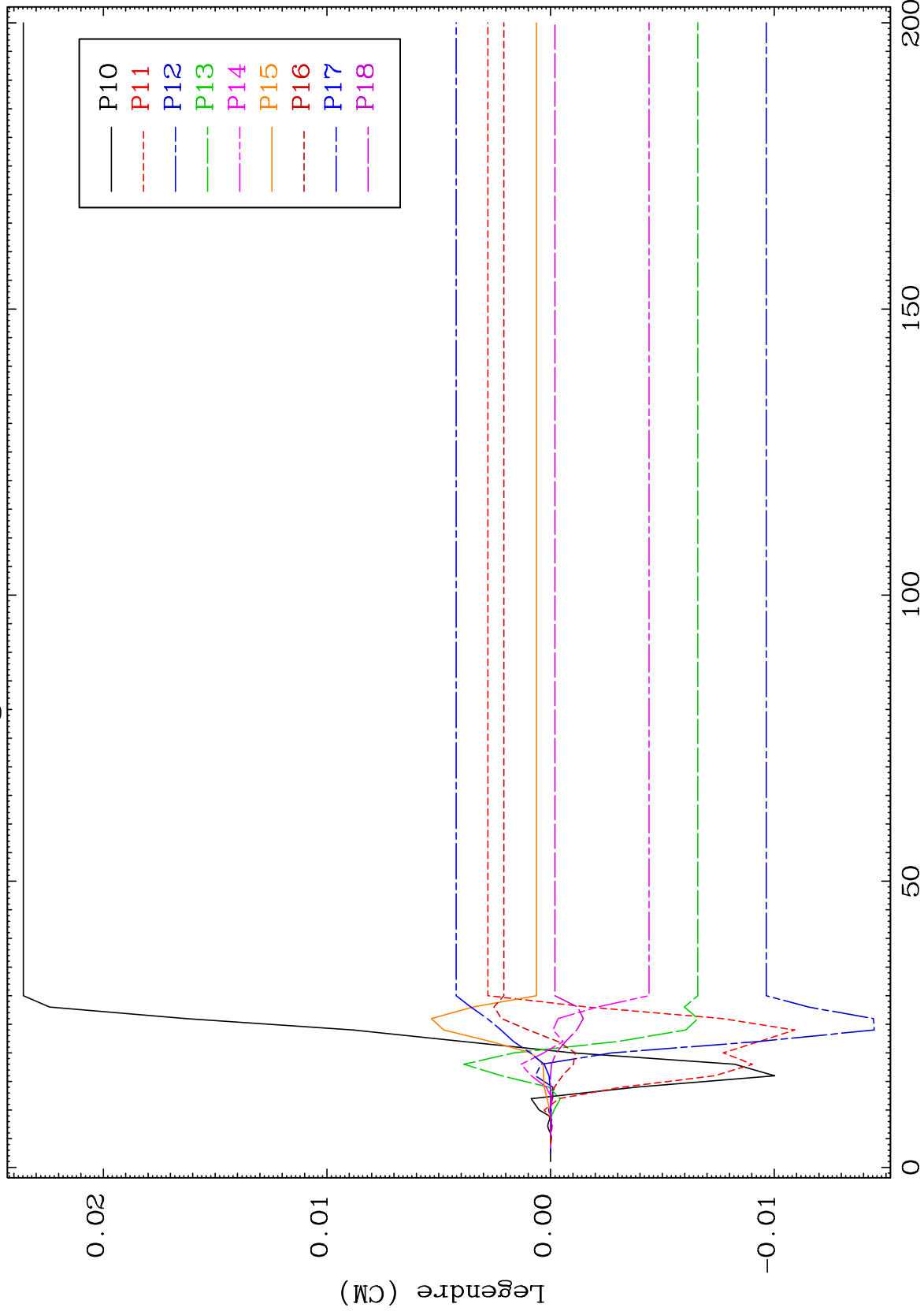
Incident Energy (MeV)

65

MAT 7328

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

73-Ta-181



66

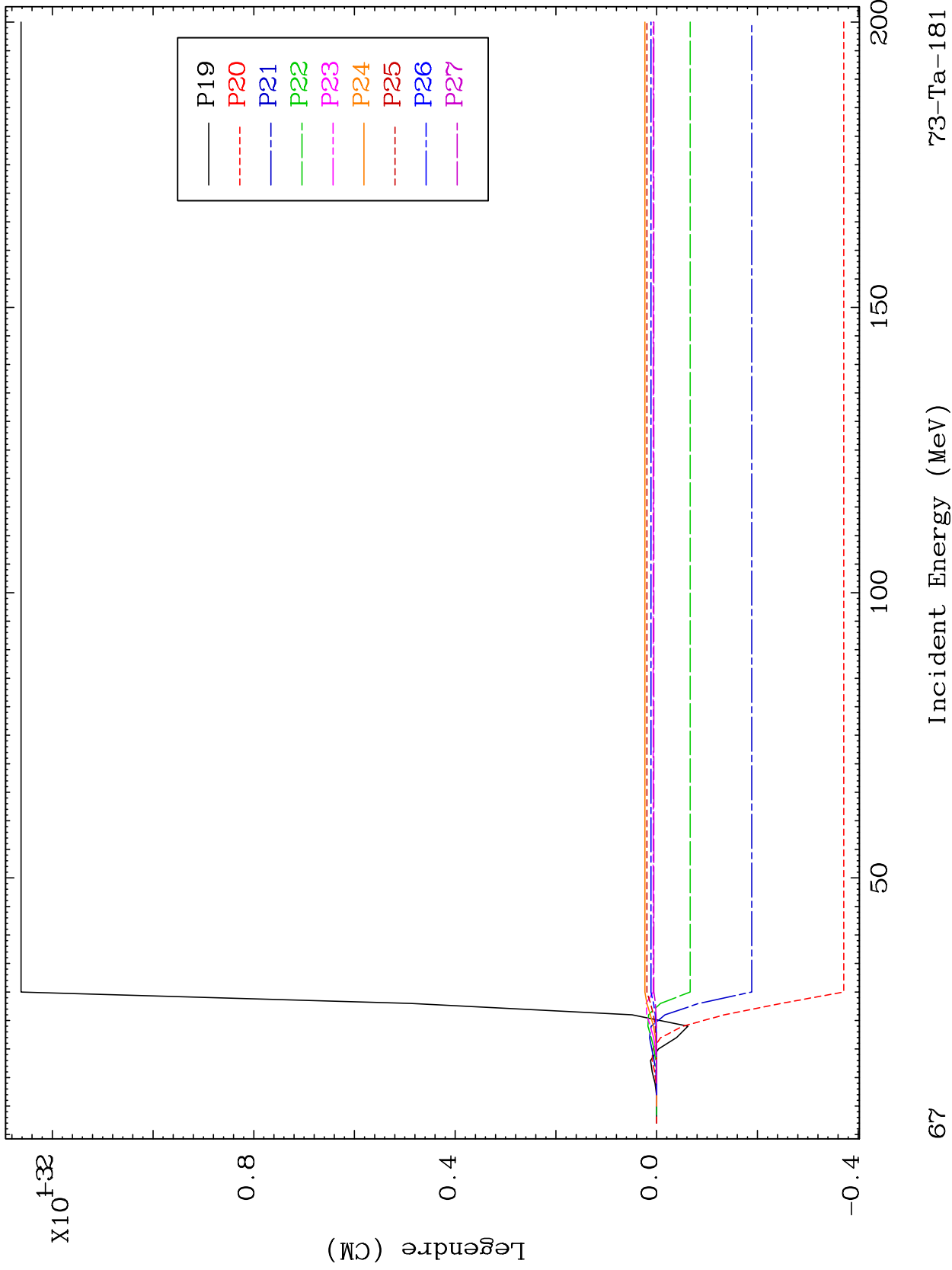
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

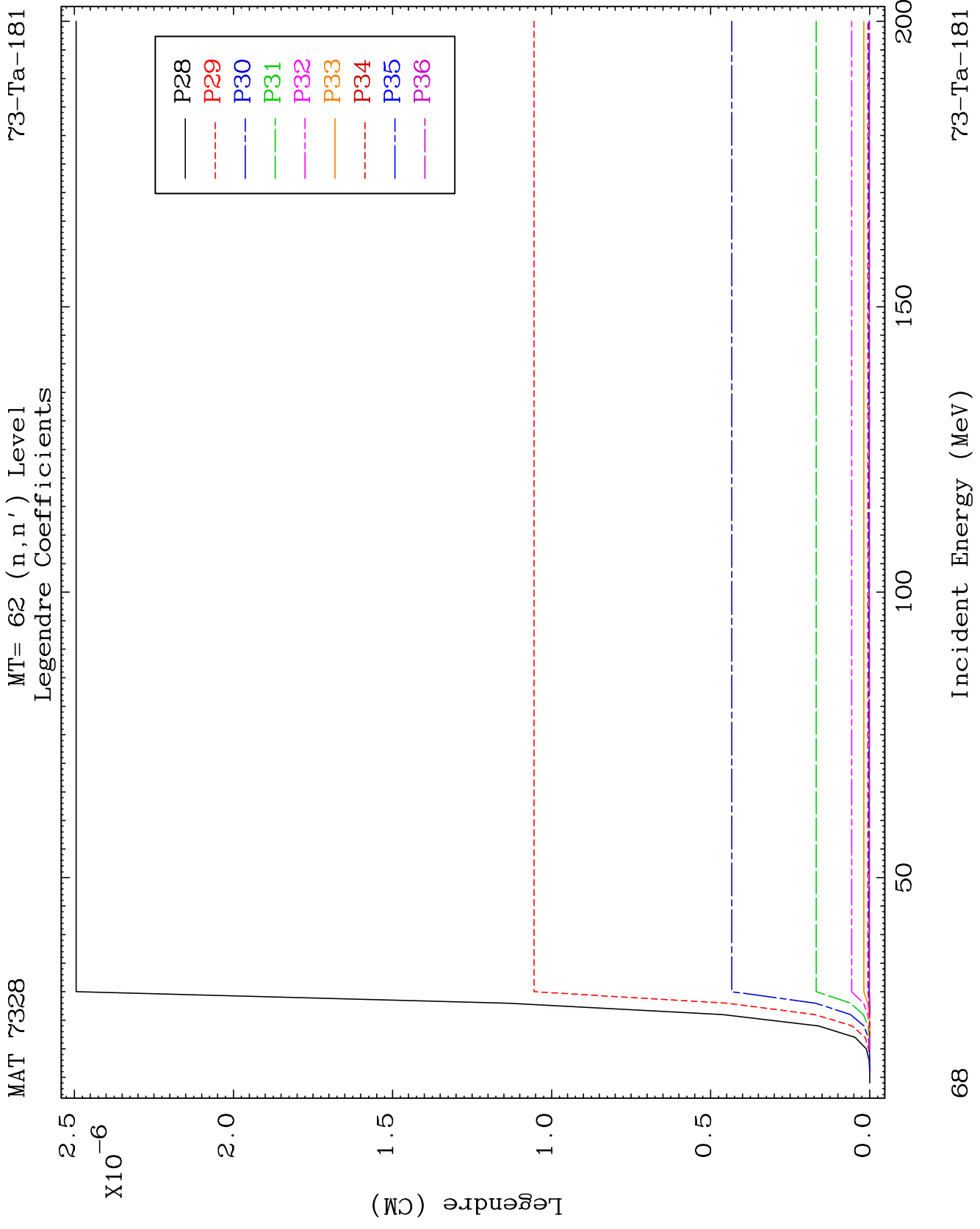
73-Ta-181



67

Incident Energy (MeV)

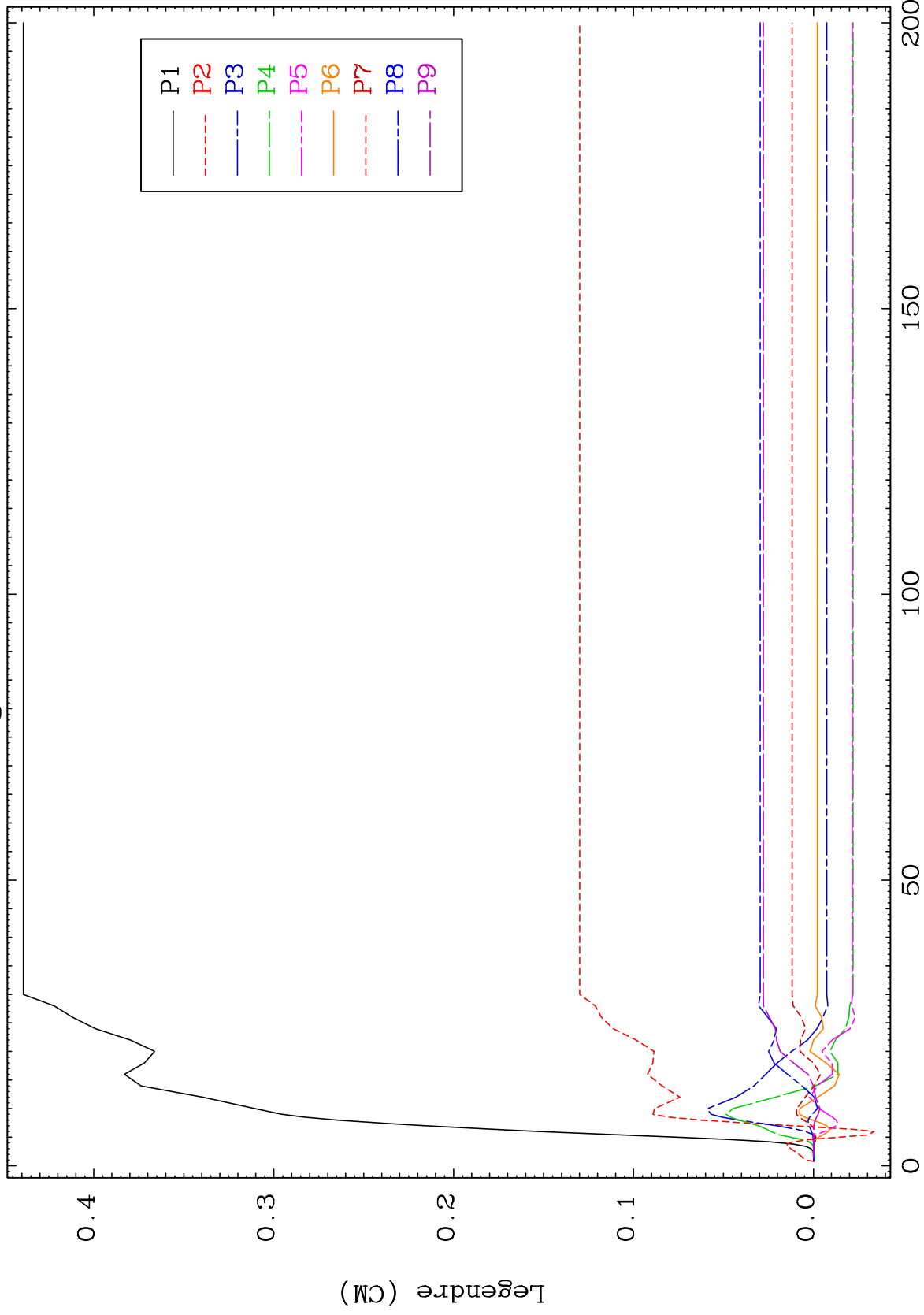
73-Ta-181



MAT 7328

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

73-Ta-181



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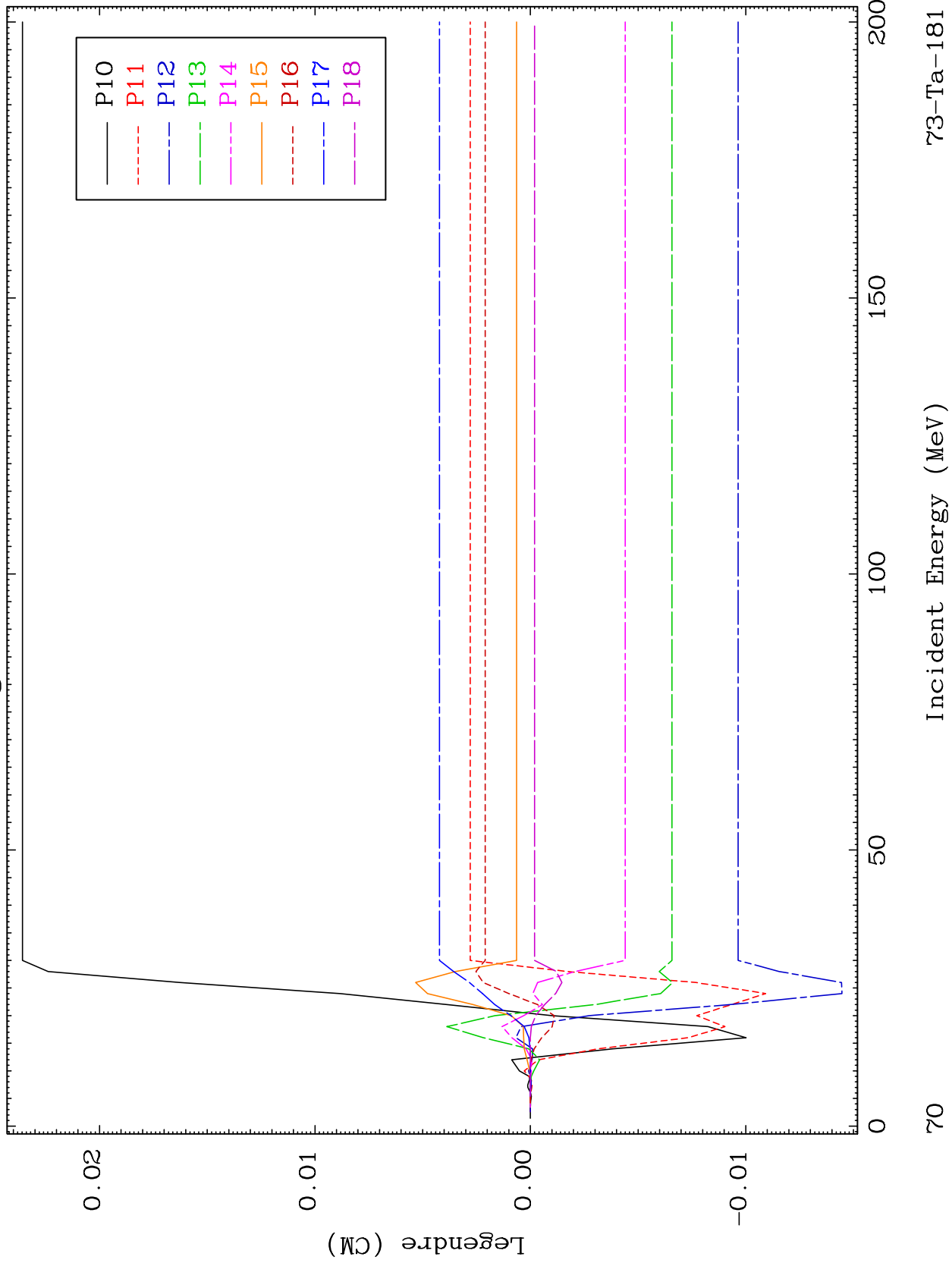
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

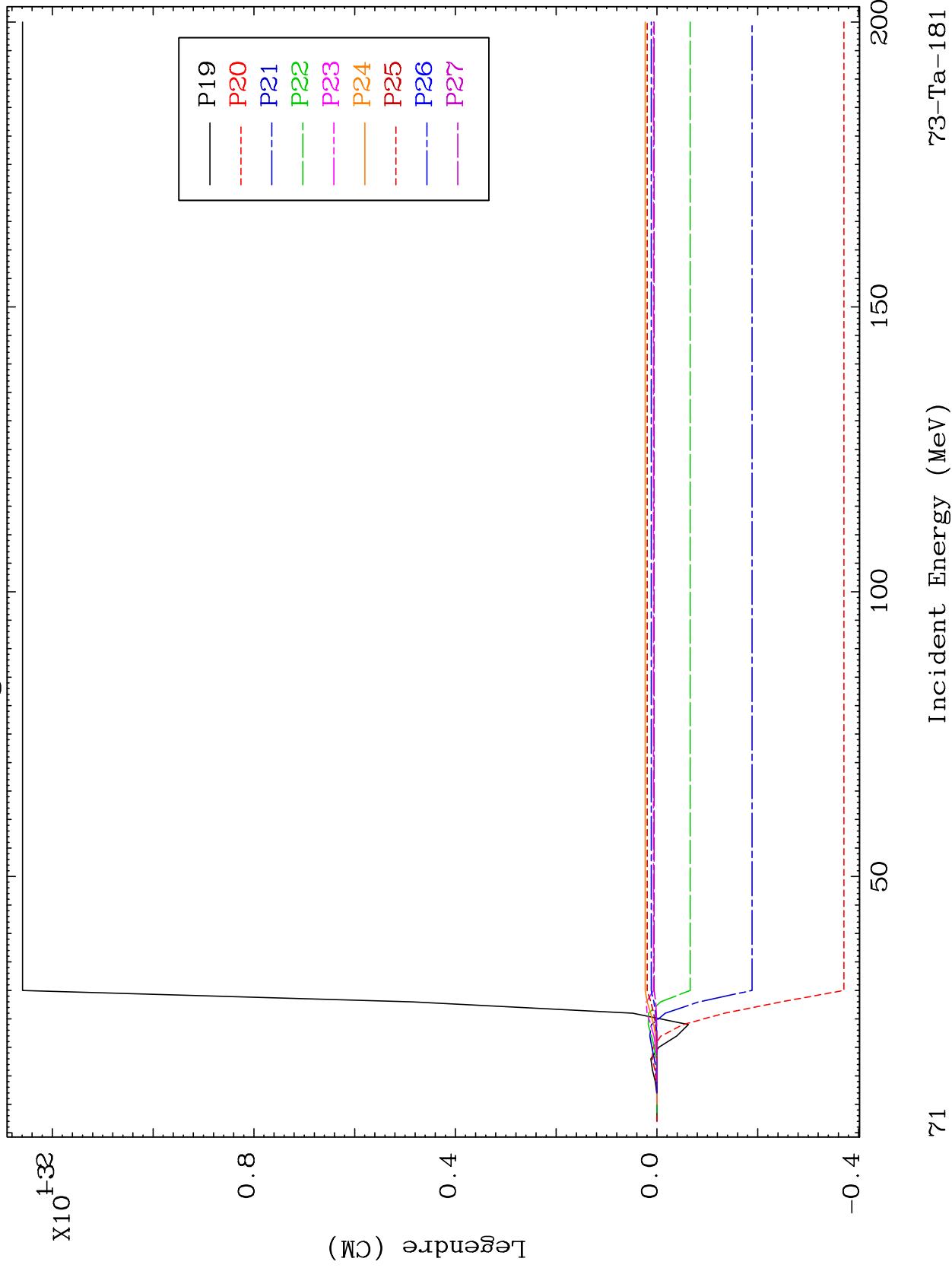
Incident Energy (MeV)

70

MAT 7328

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

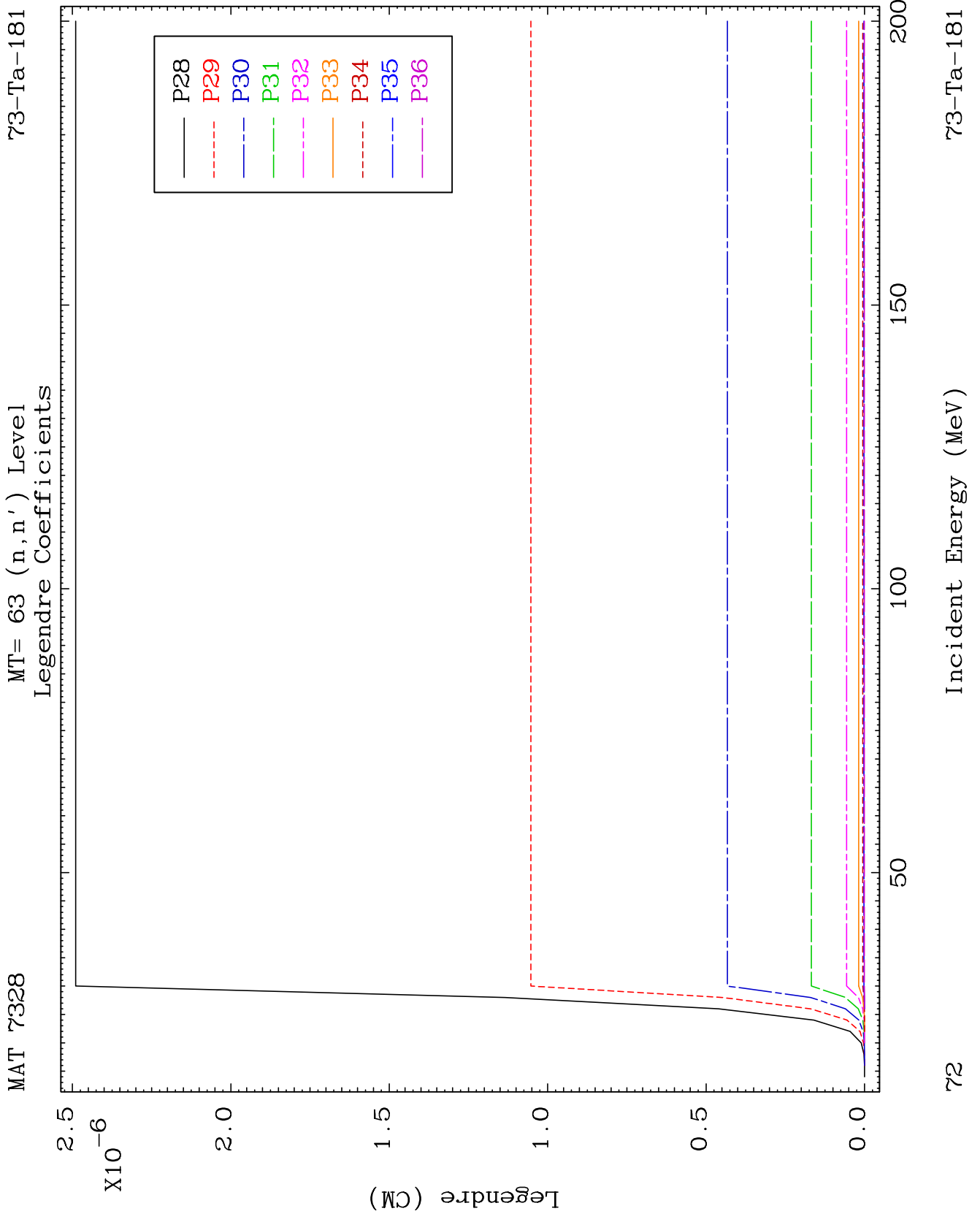
73-Ta-181



71

Incident Energy (MeV)

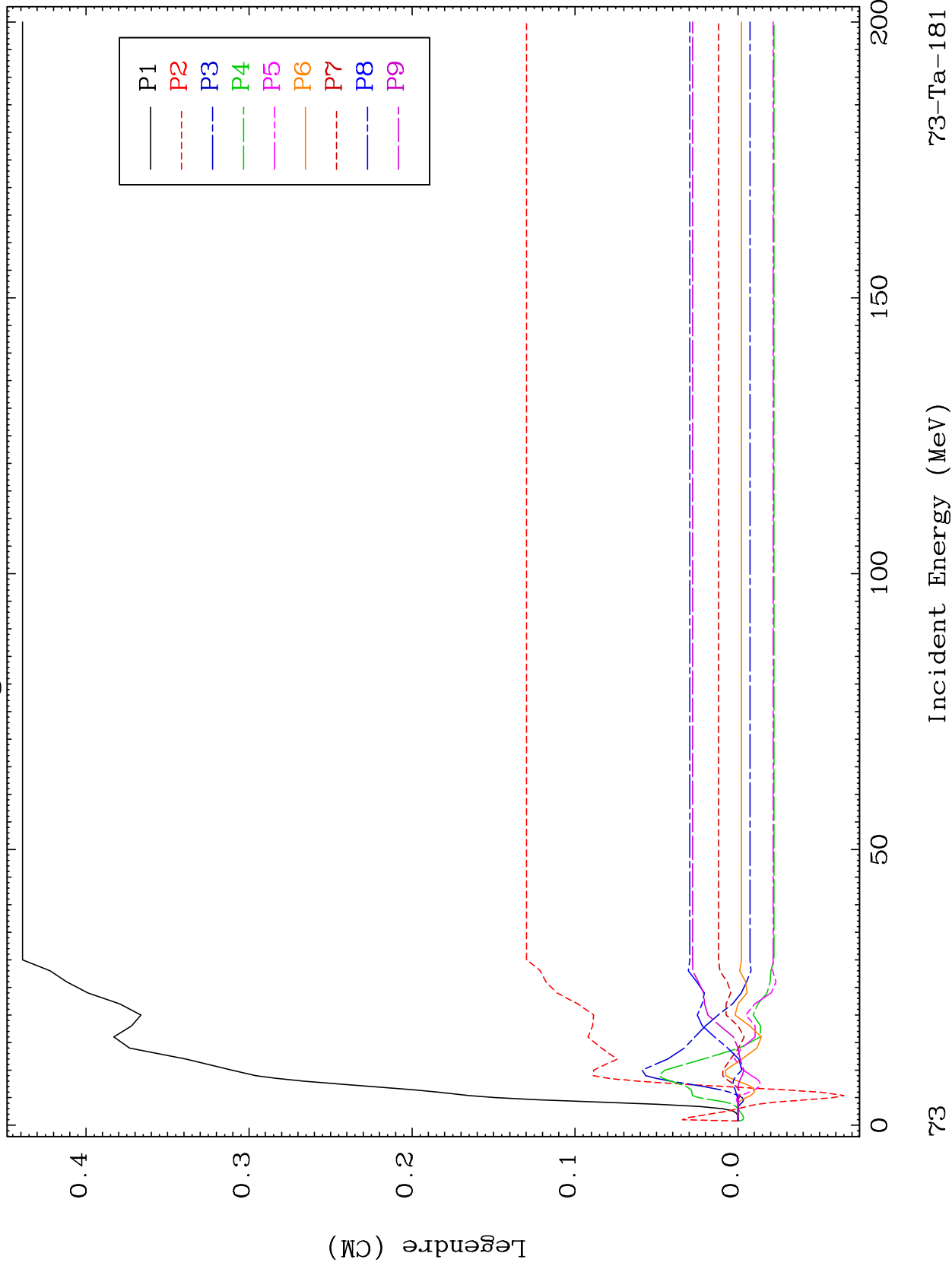
73-Ta-181



MAT 7328

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

73-Ta-181



73

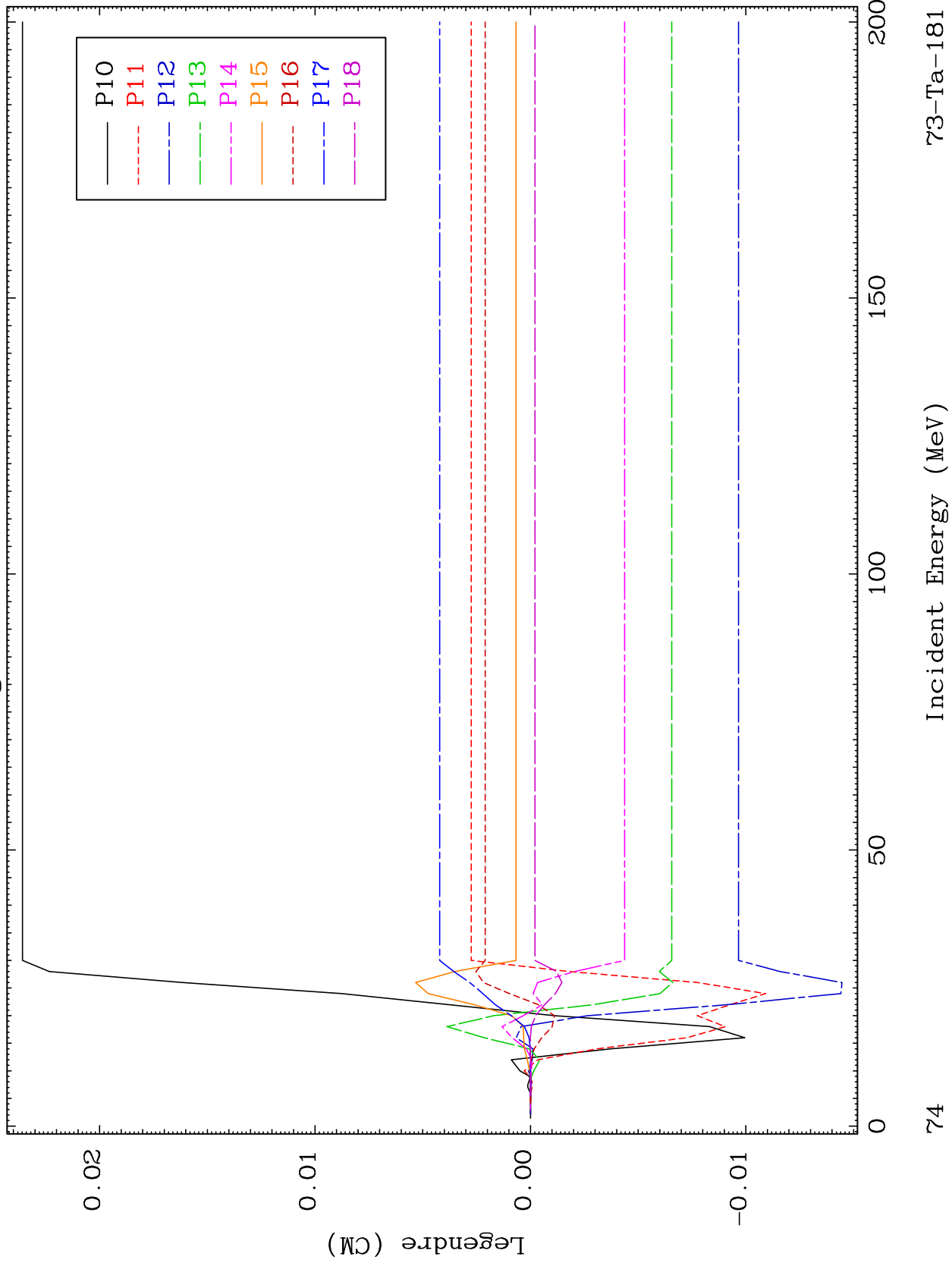
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



74

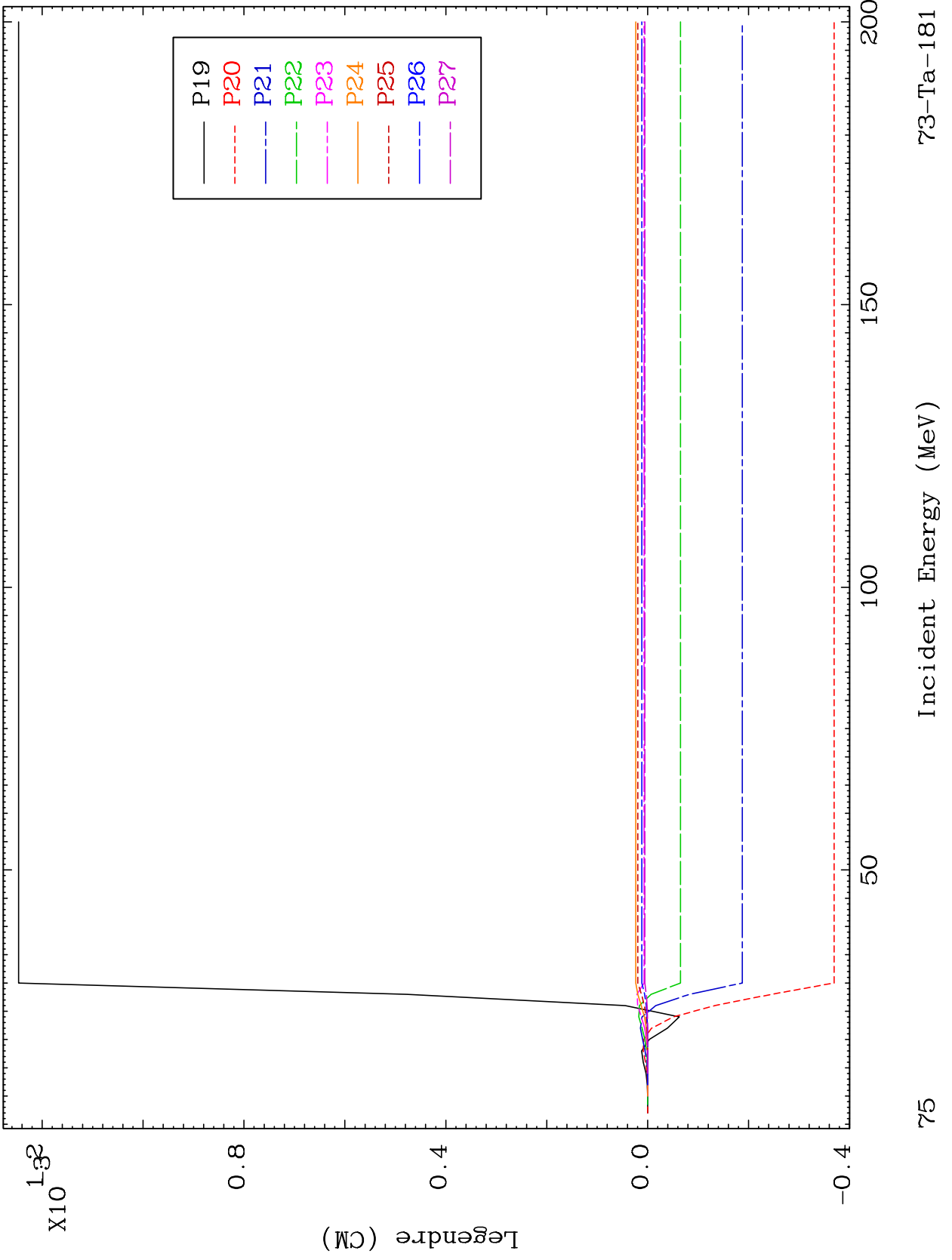
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

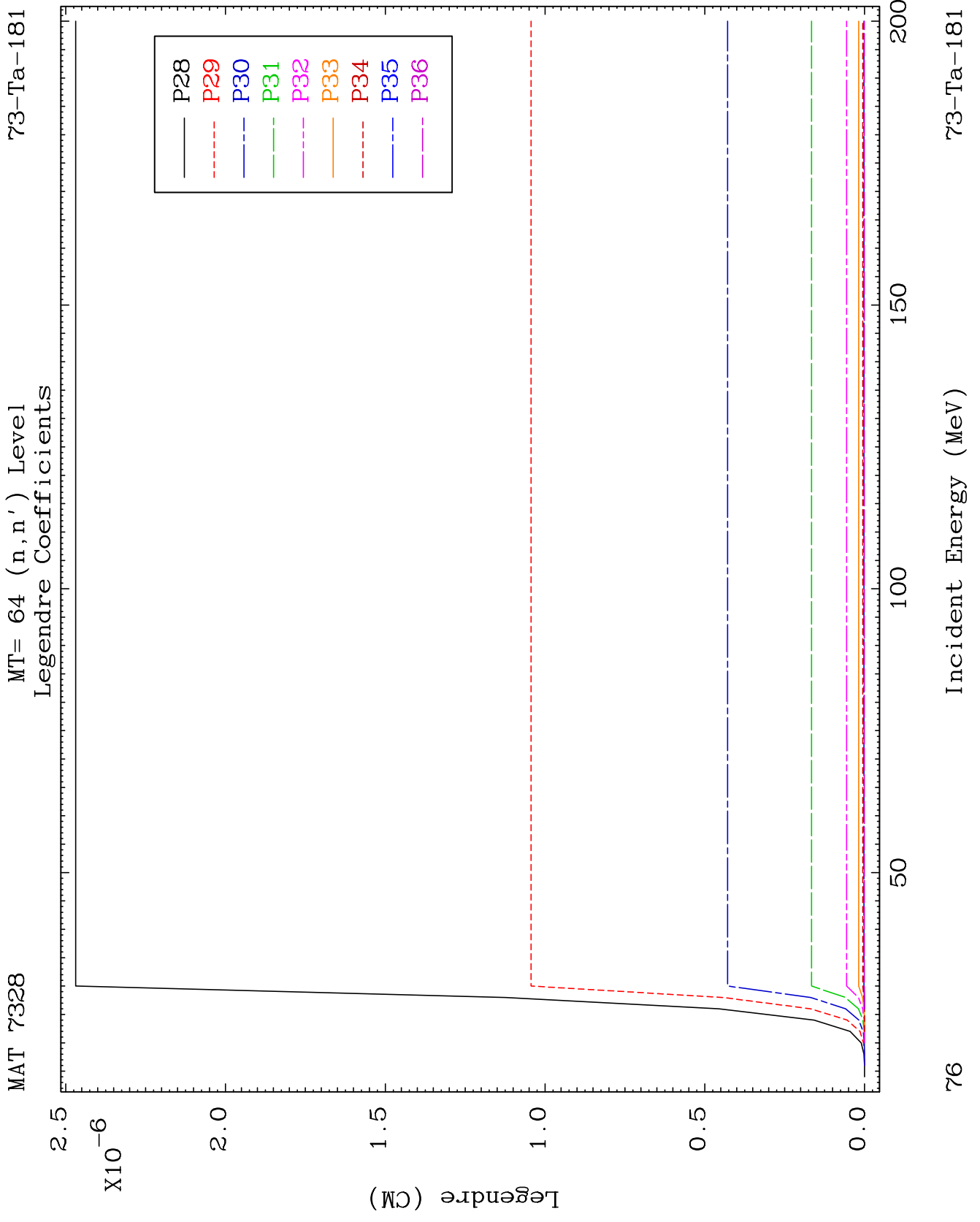
73-Ta-181



75

Incident Energy (MeV)

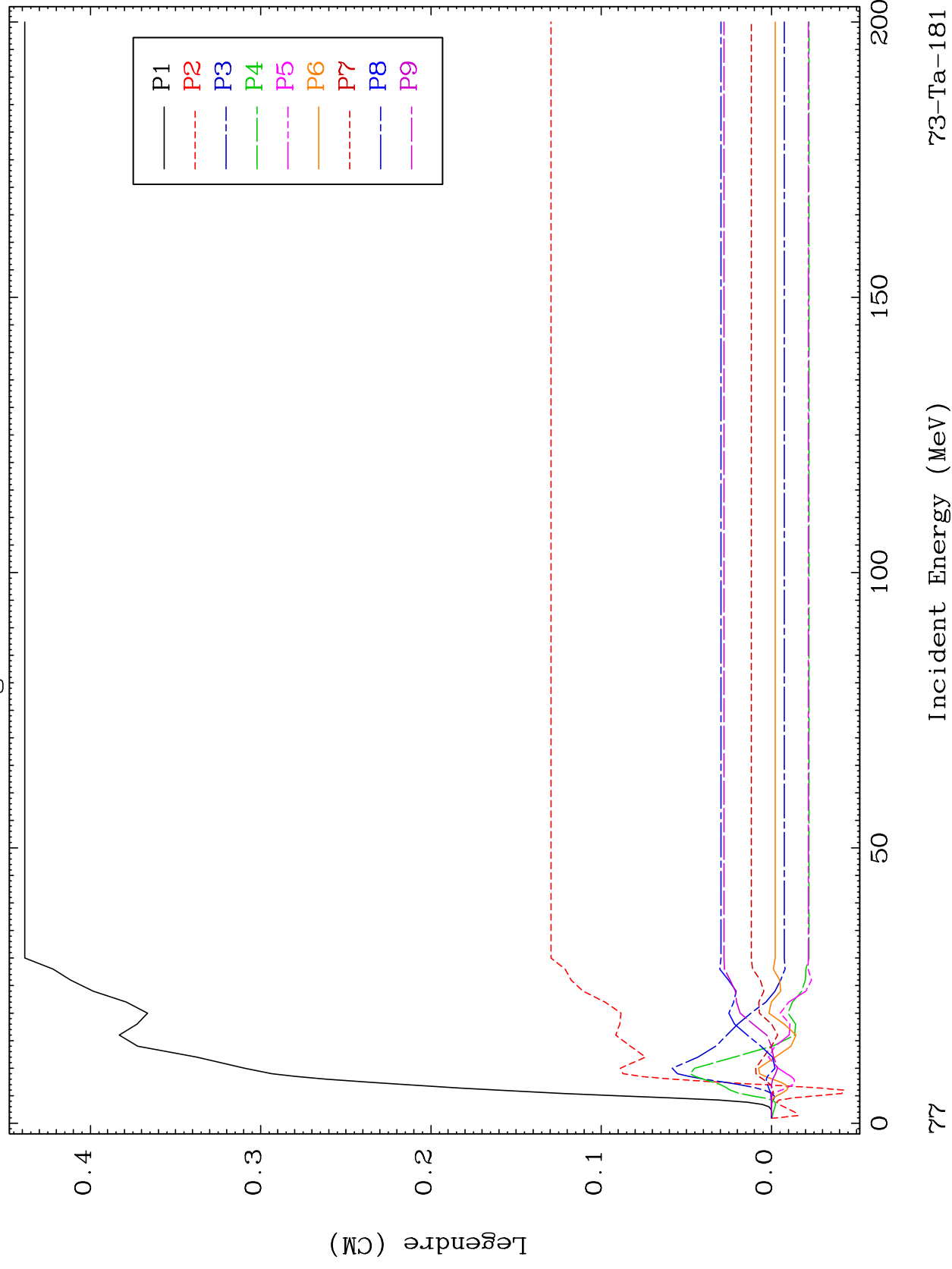
73-Ta-181



MAT 7328

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

73-Ta-181



77

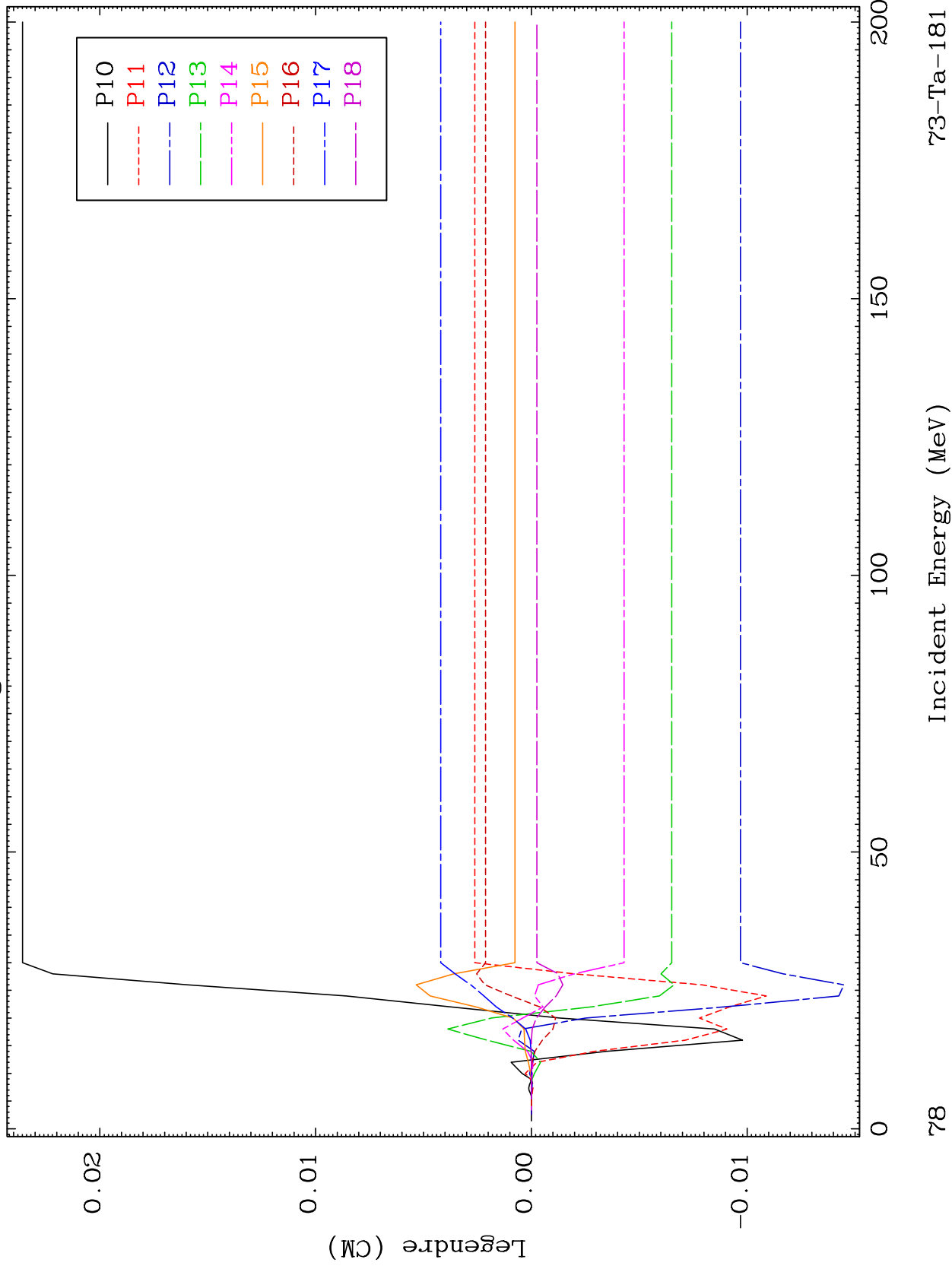
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



73-Ta-181

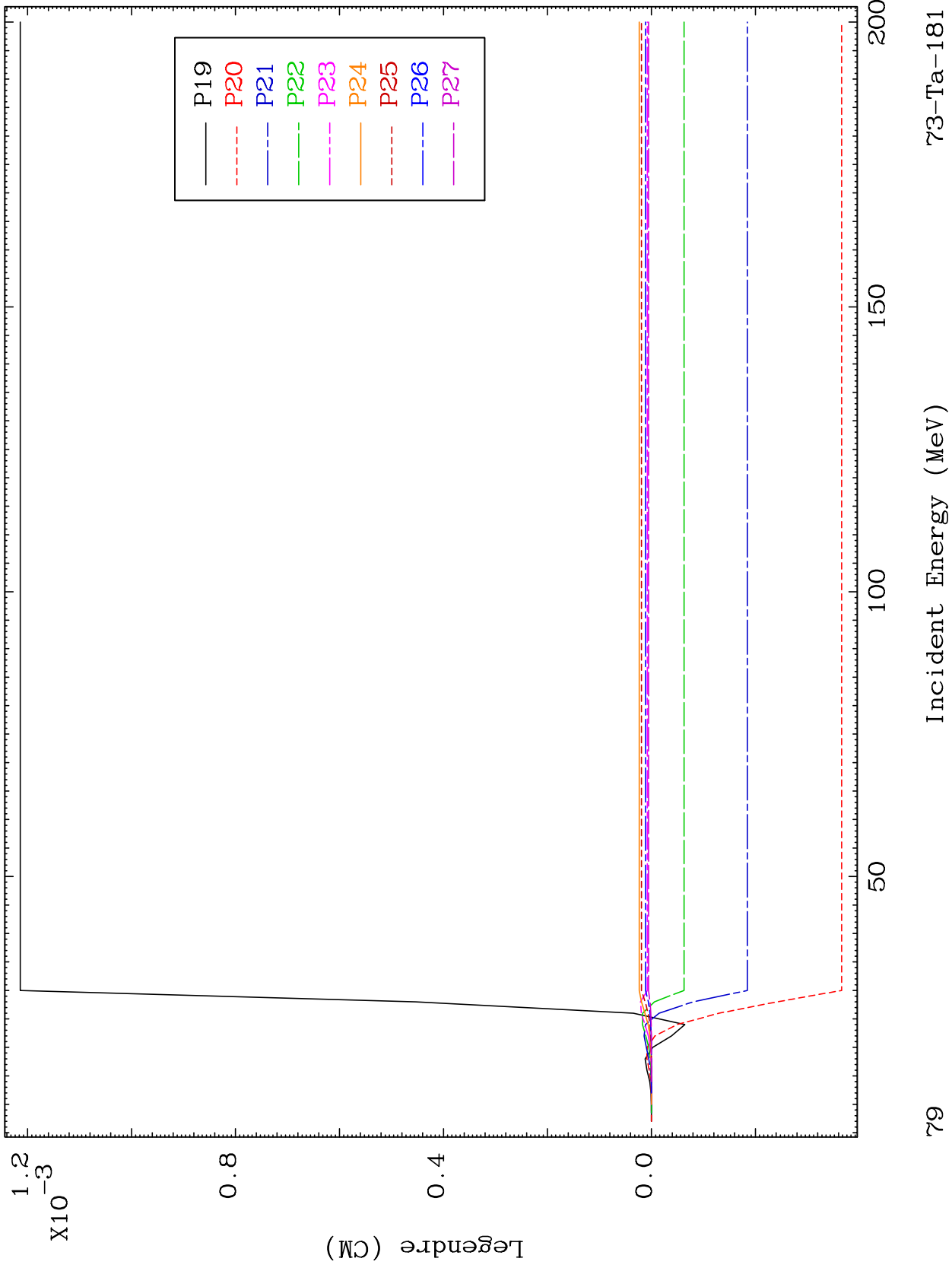
Incident Energy (MeV)

78

MAT 7328

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

73-Ta-181



79

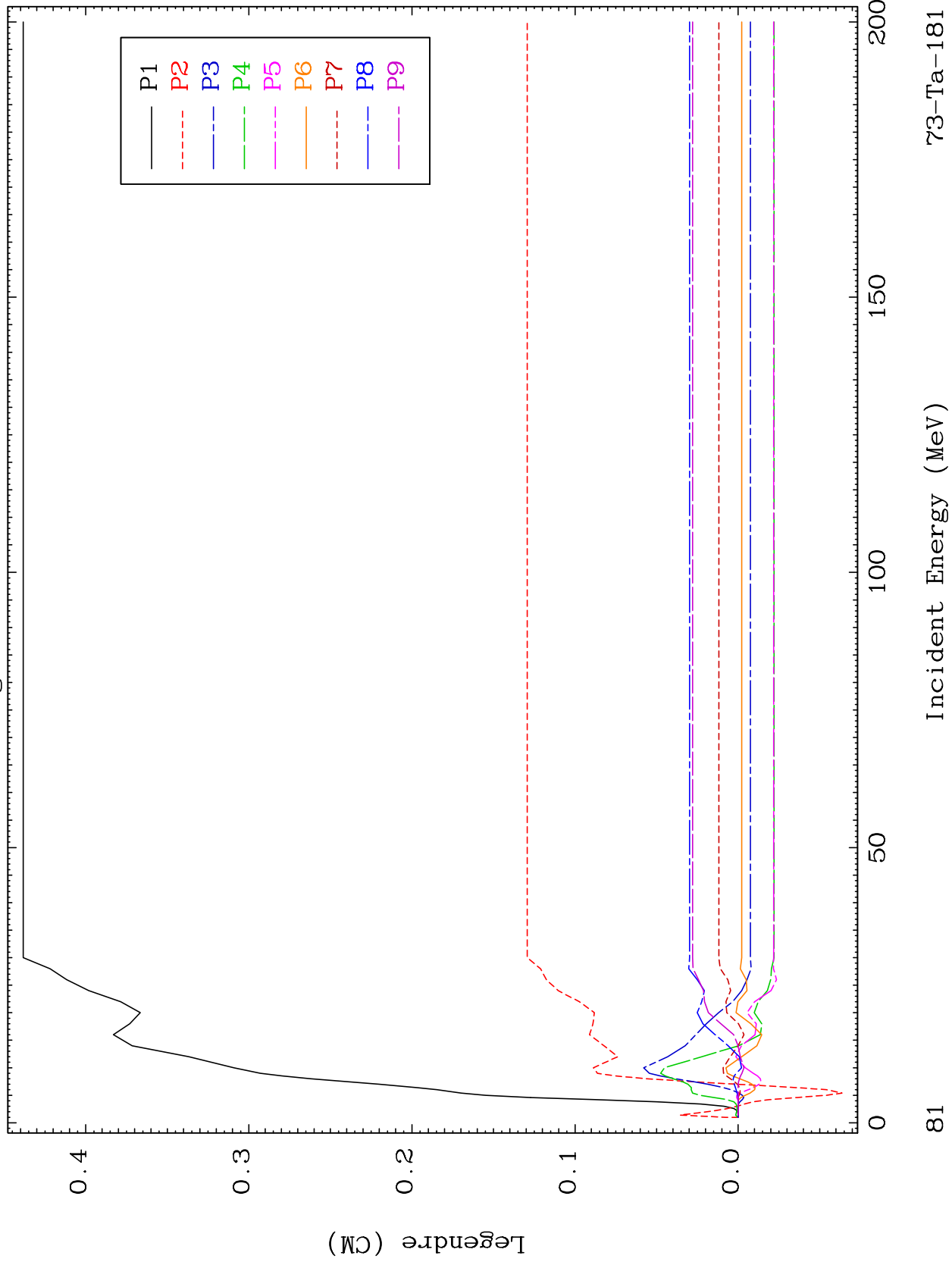
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



81

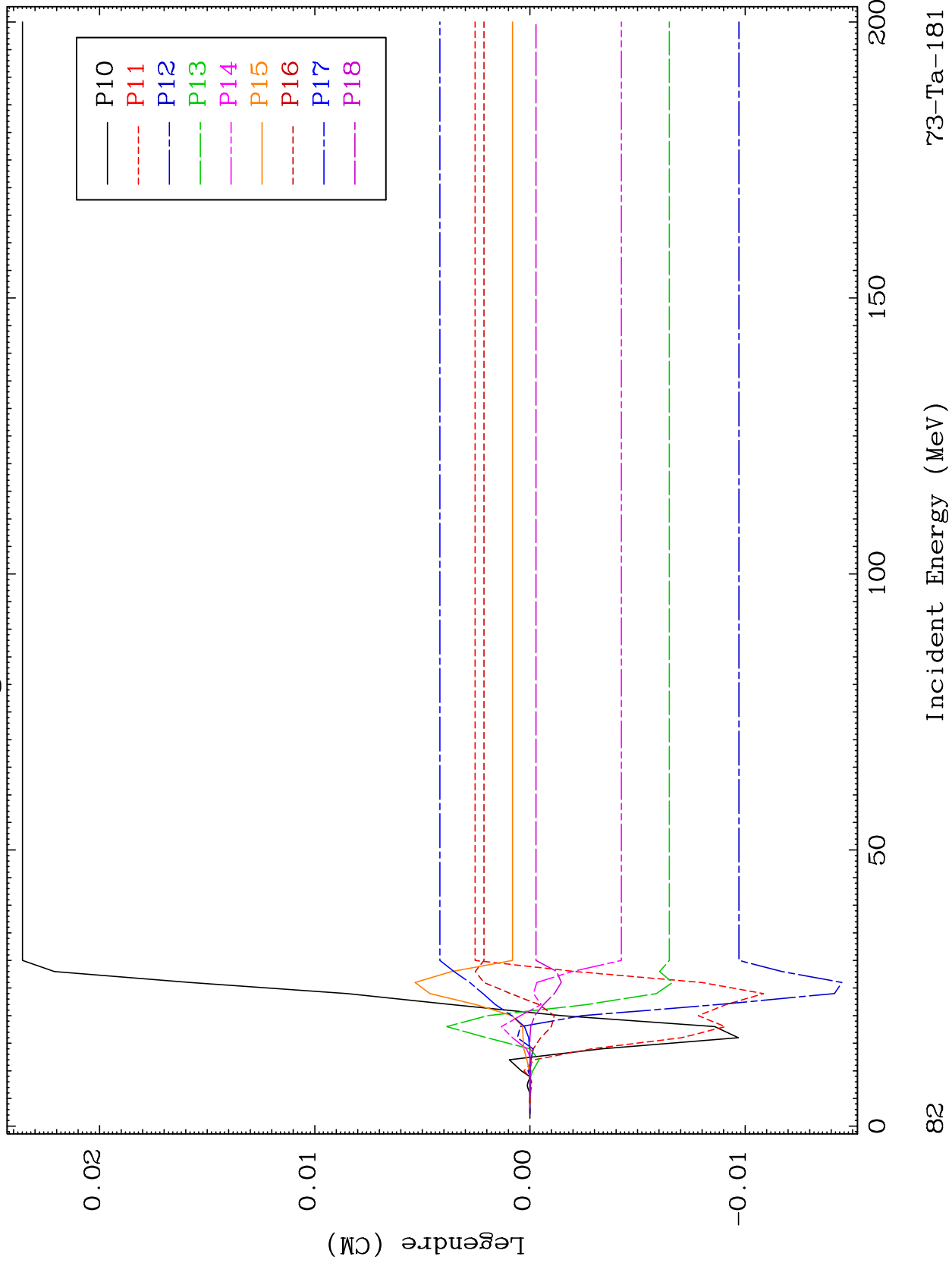
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

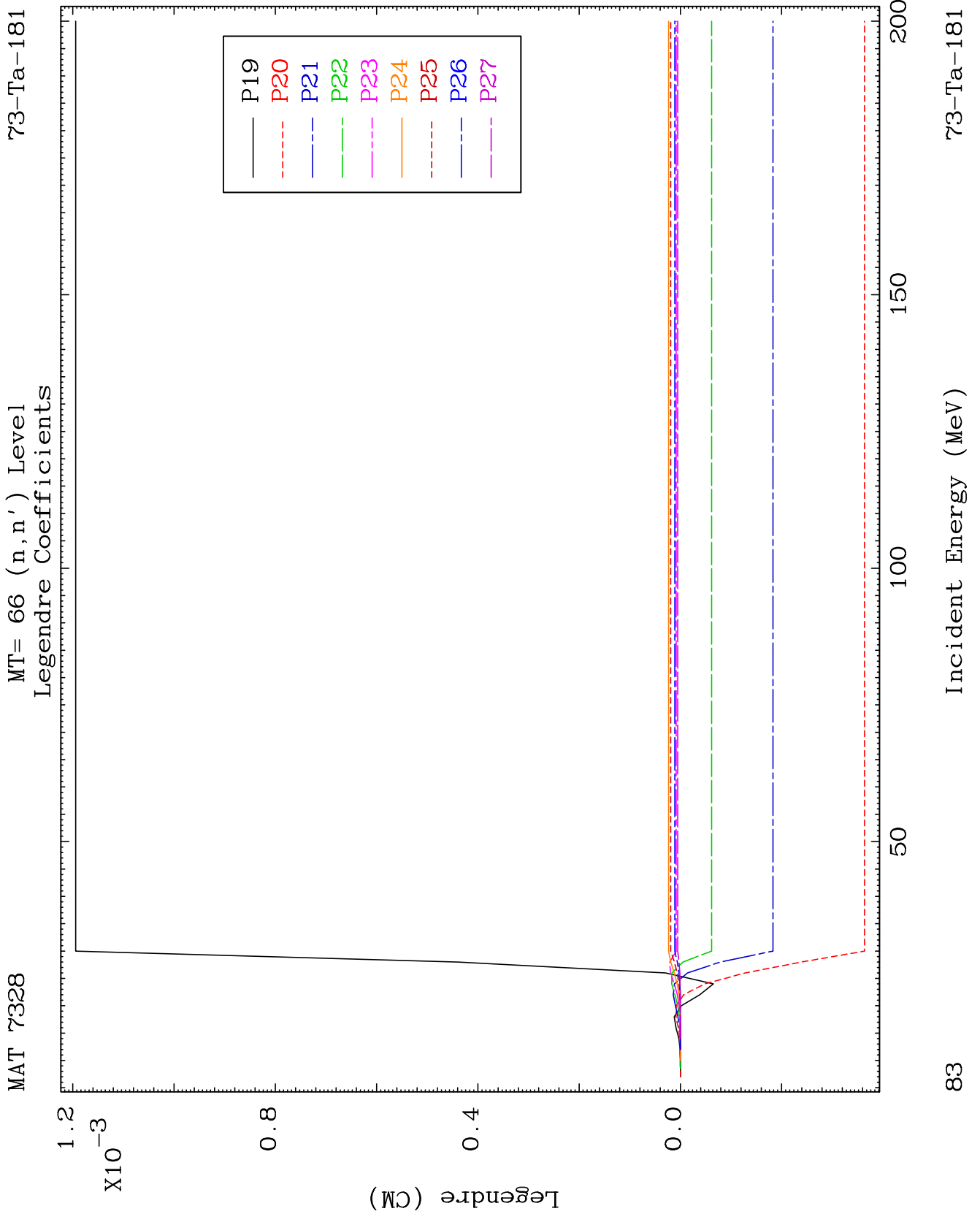
73-Ta-181

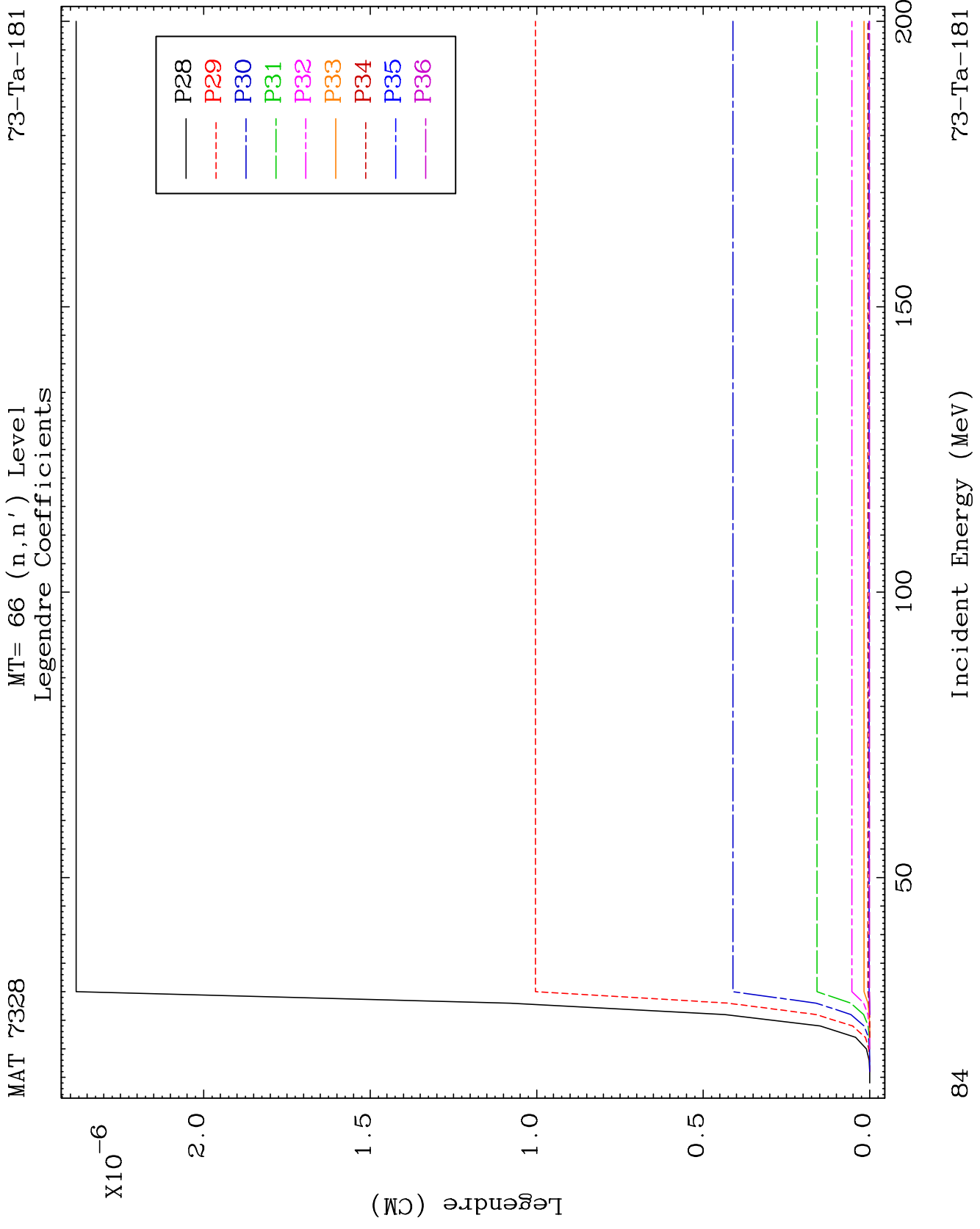


73-Ta-181

Incident Energy (MeV)

82

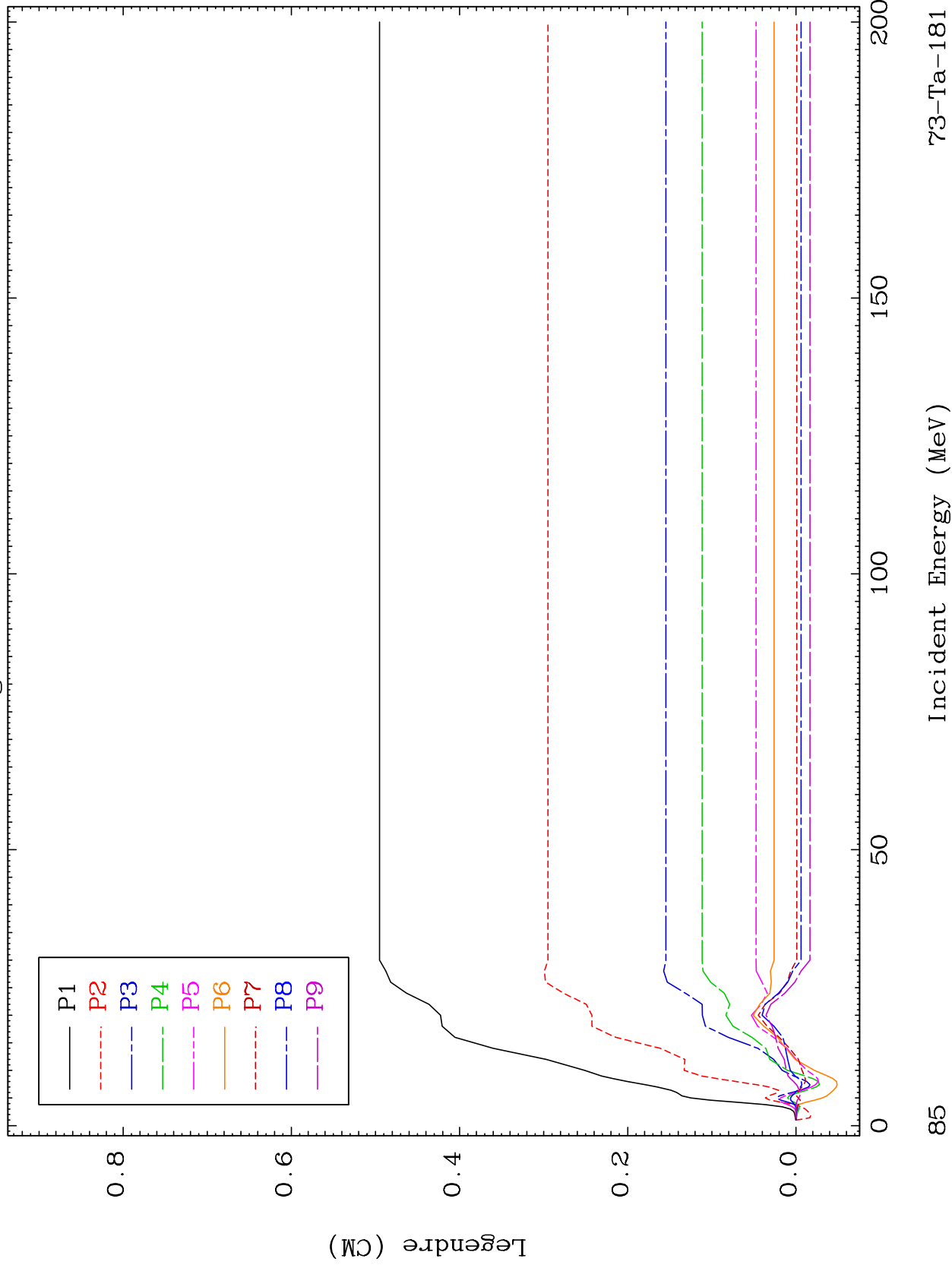




MAT 7328

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

⁷³Ta-181



⁷³Ta-181

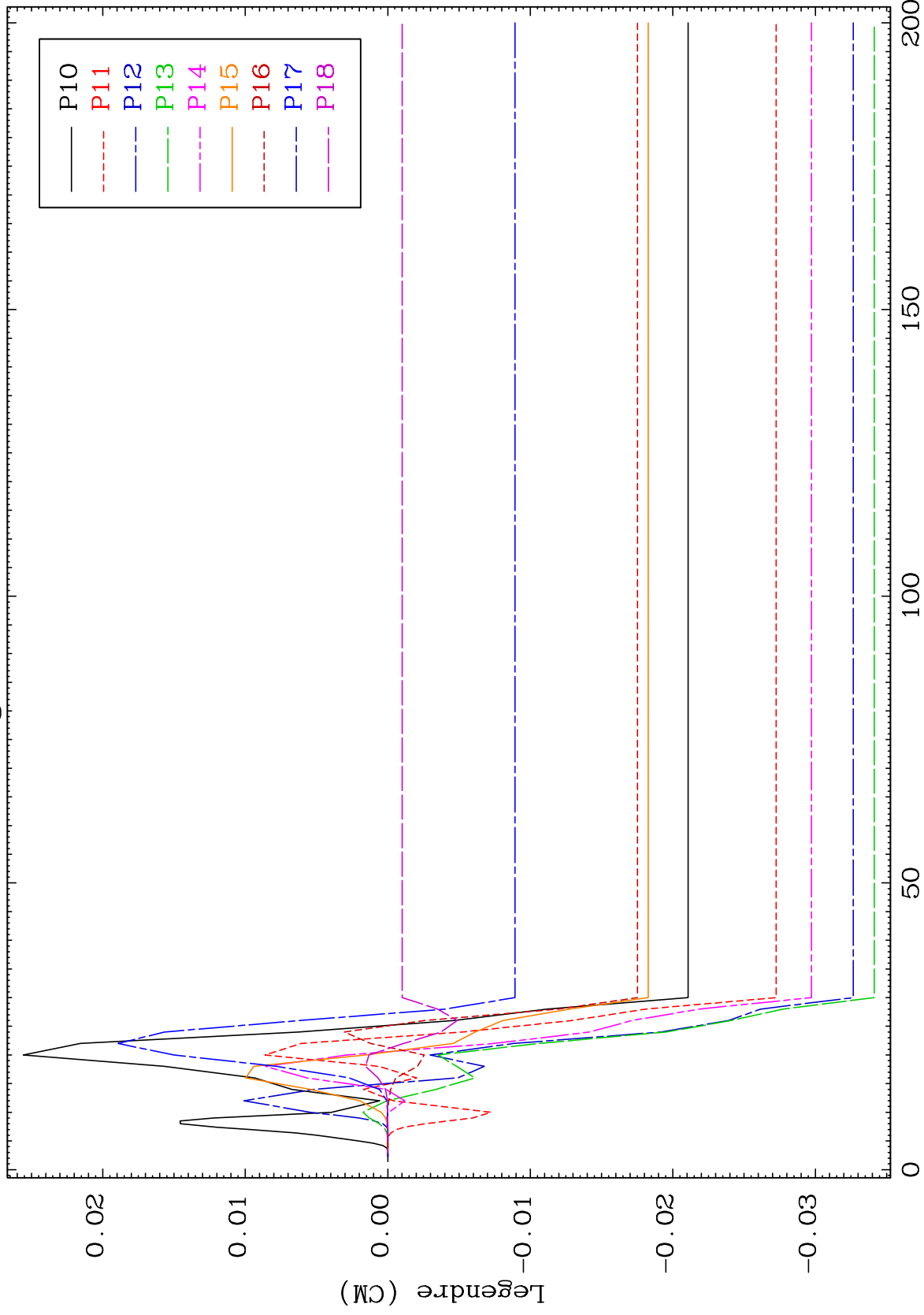
Incident Energy (MeV)

85

MAT 7328

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

73-Ta-181



86

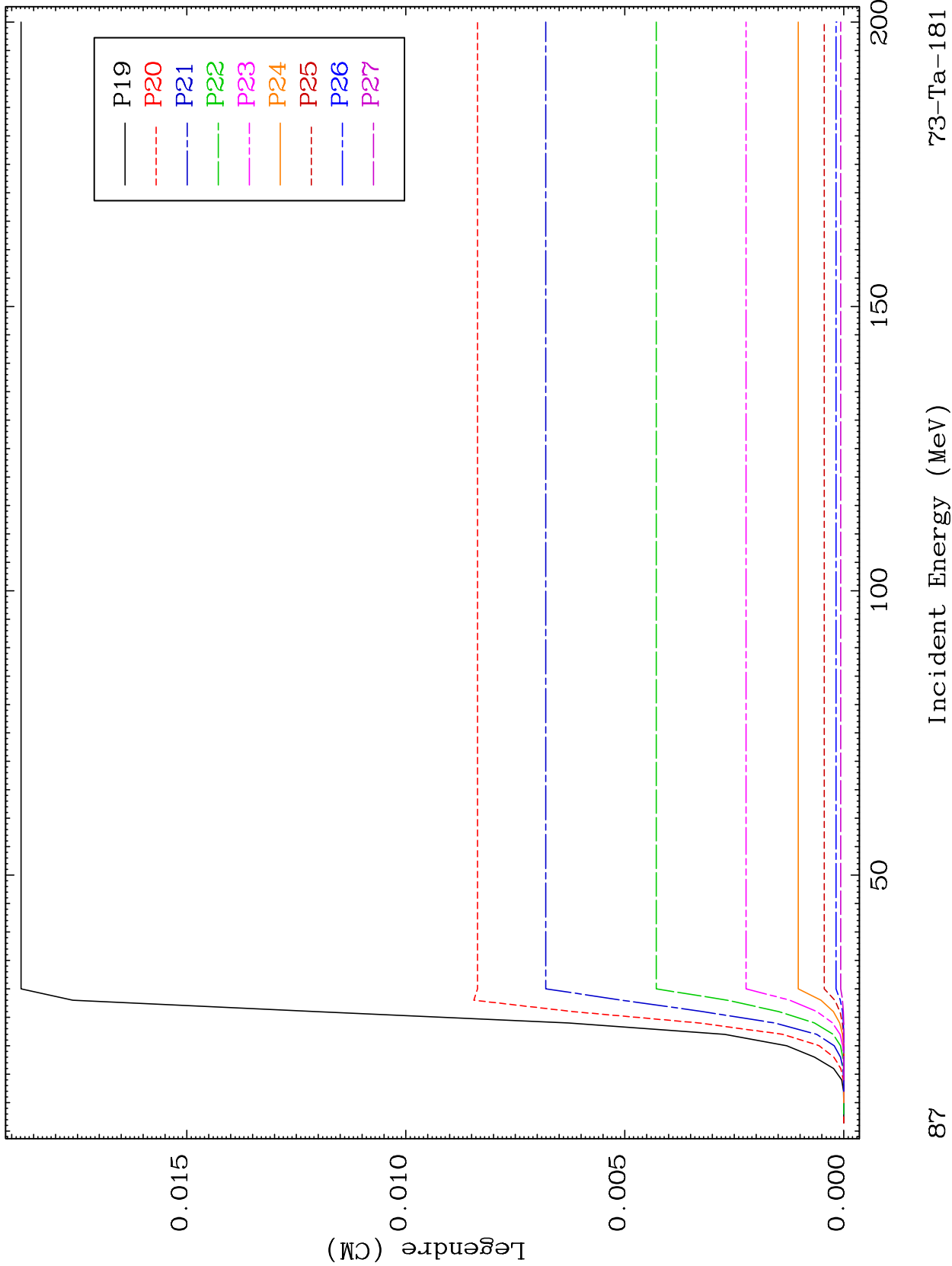
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181

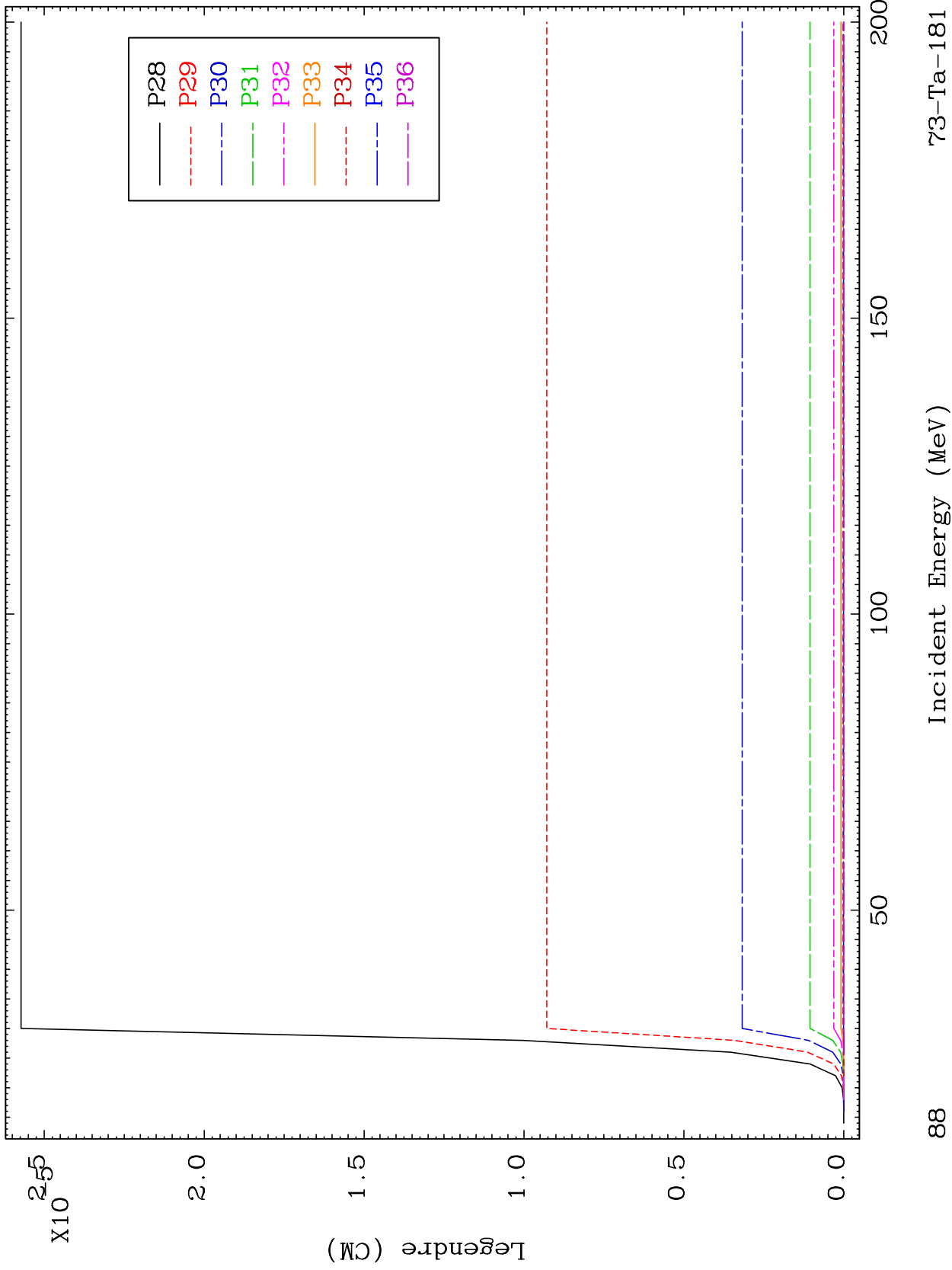


87

MAT 7328

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

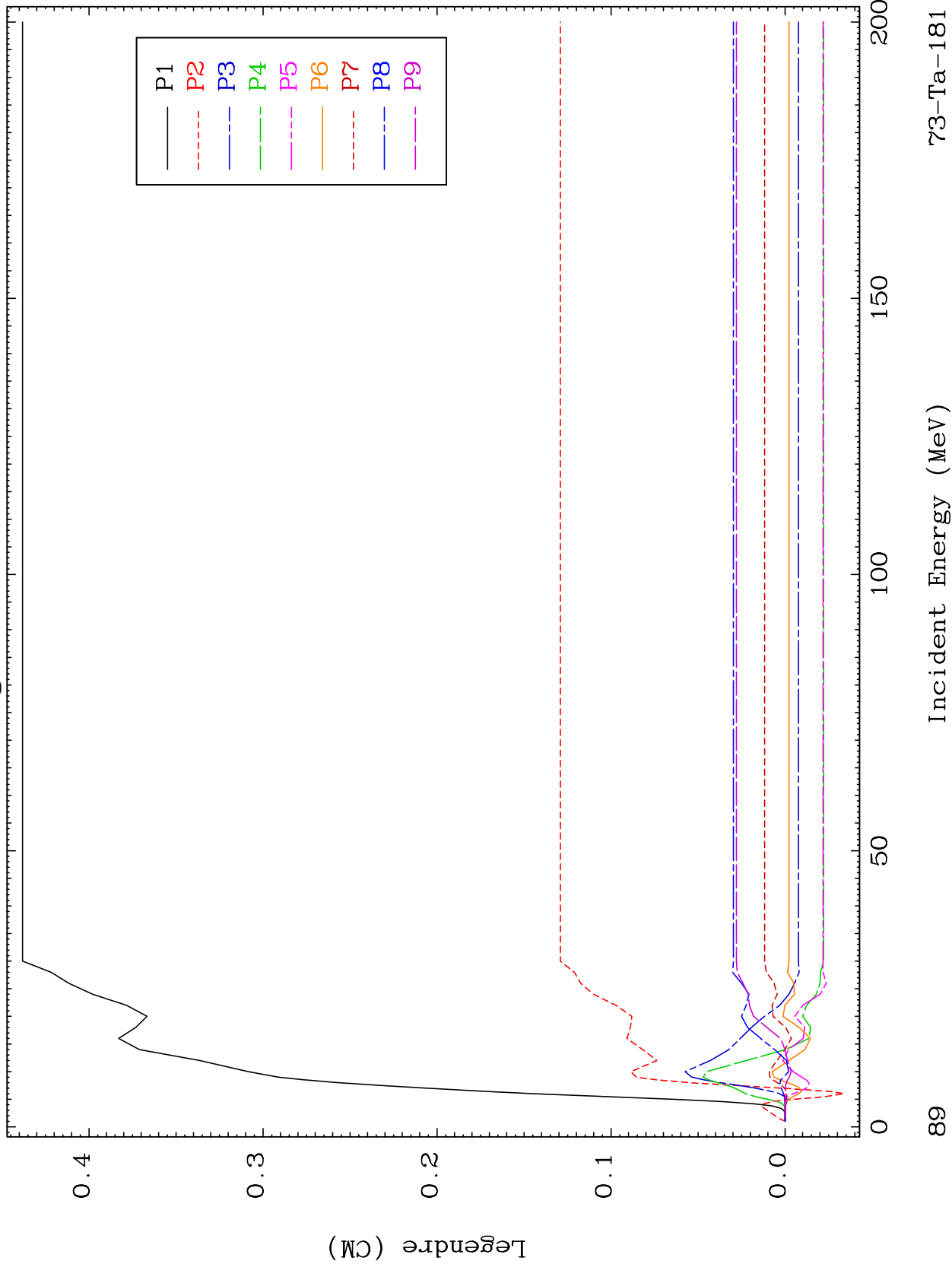
73-Ta-181



MAT 7328

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

73-Ta-181



89

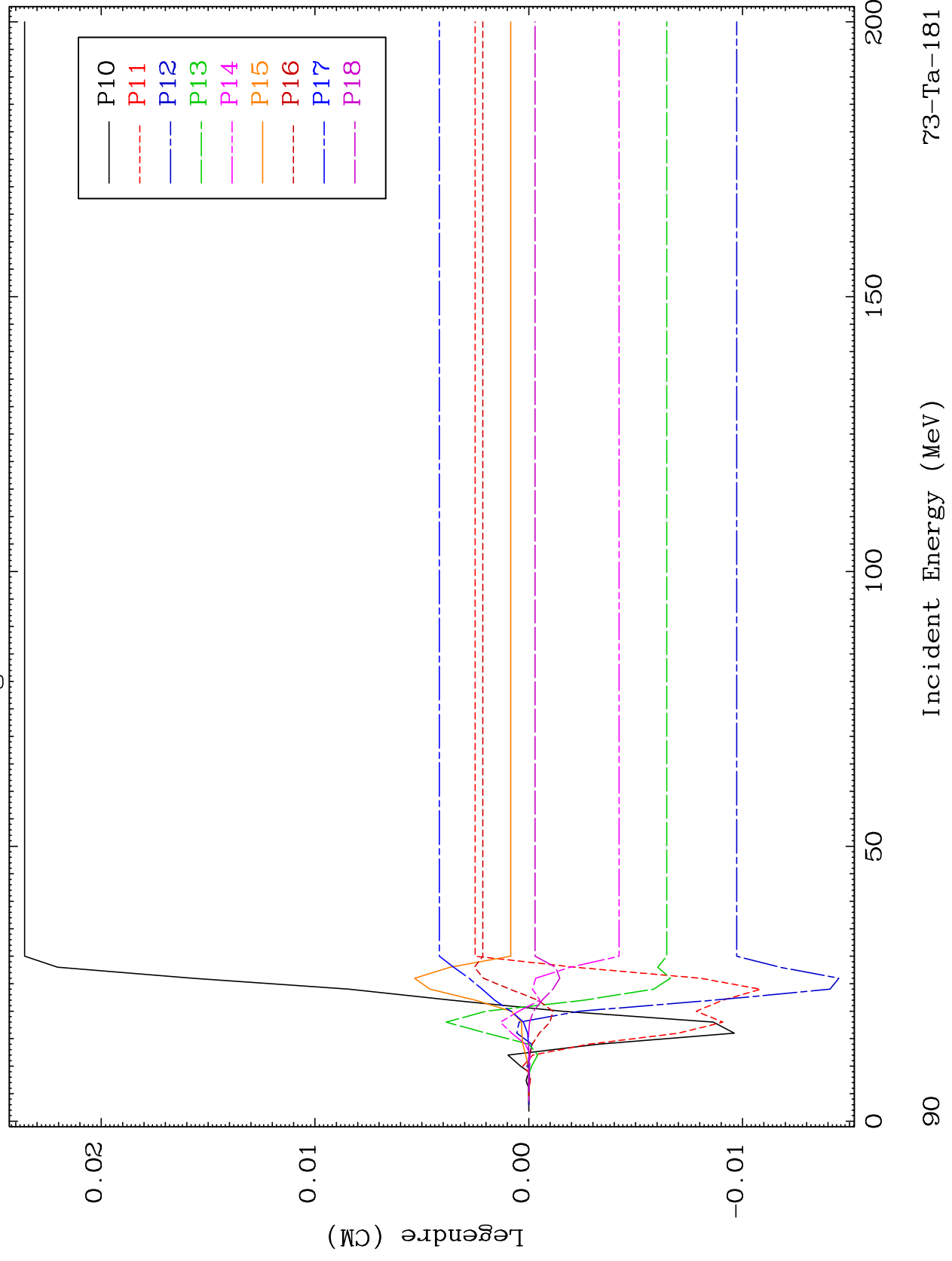
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

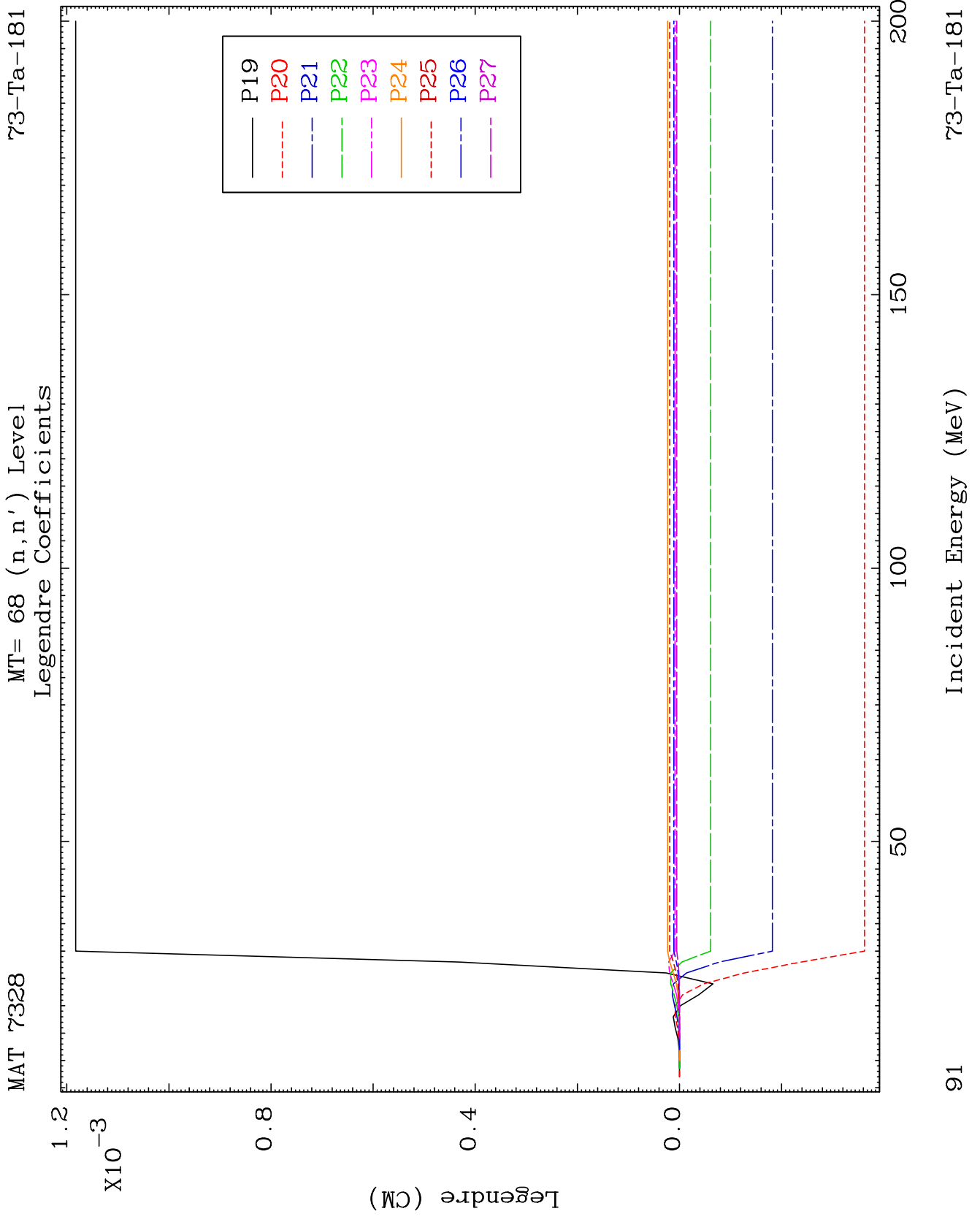
73-Ta-181

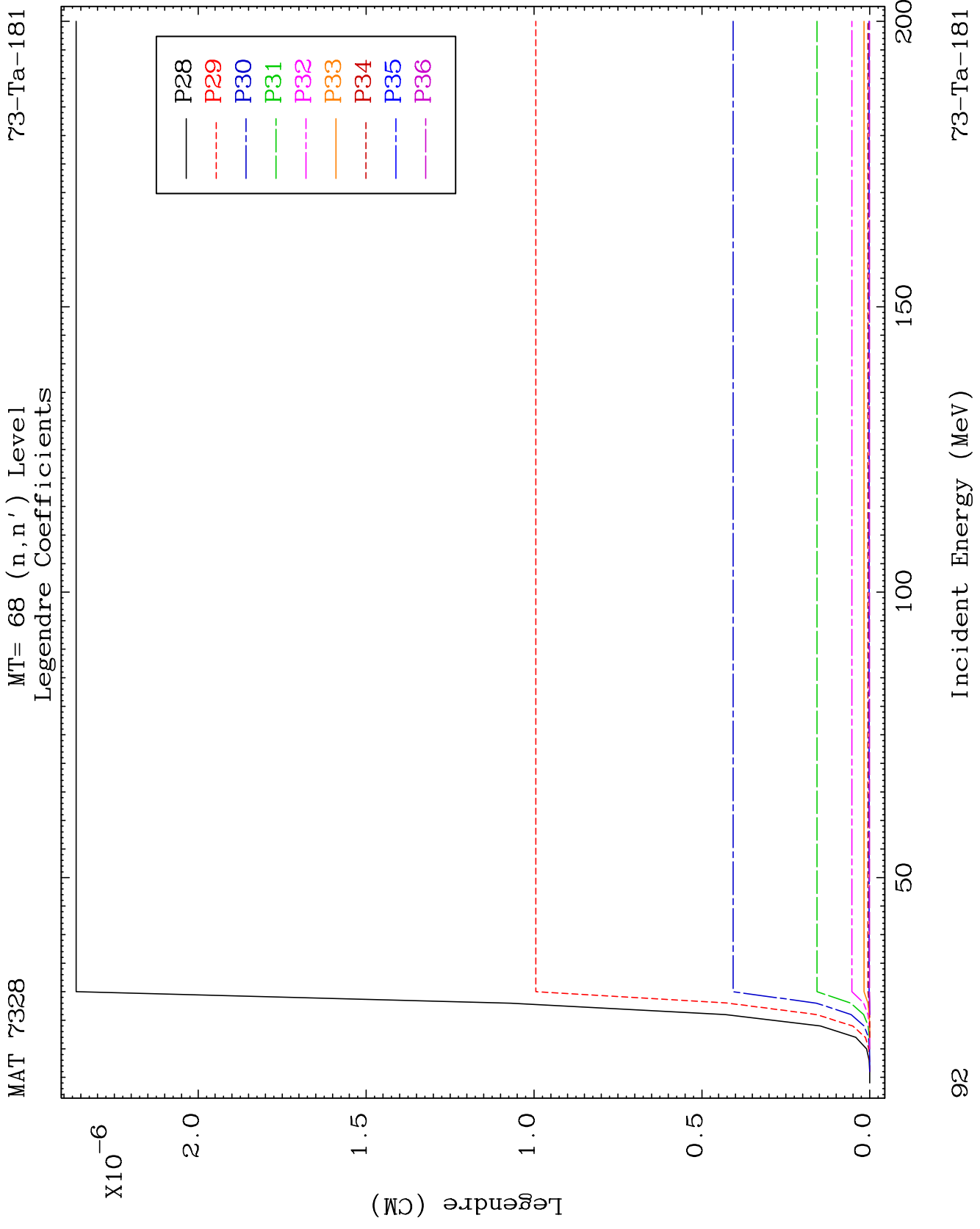


73-Ta-181

Incident Energy (MeV)

90

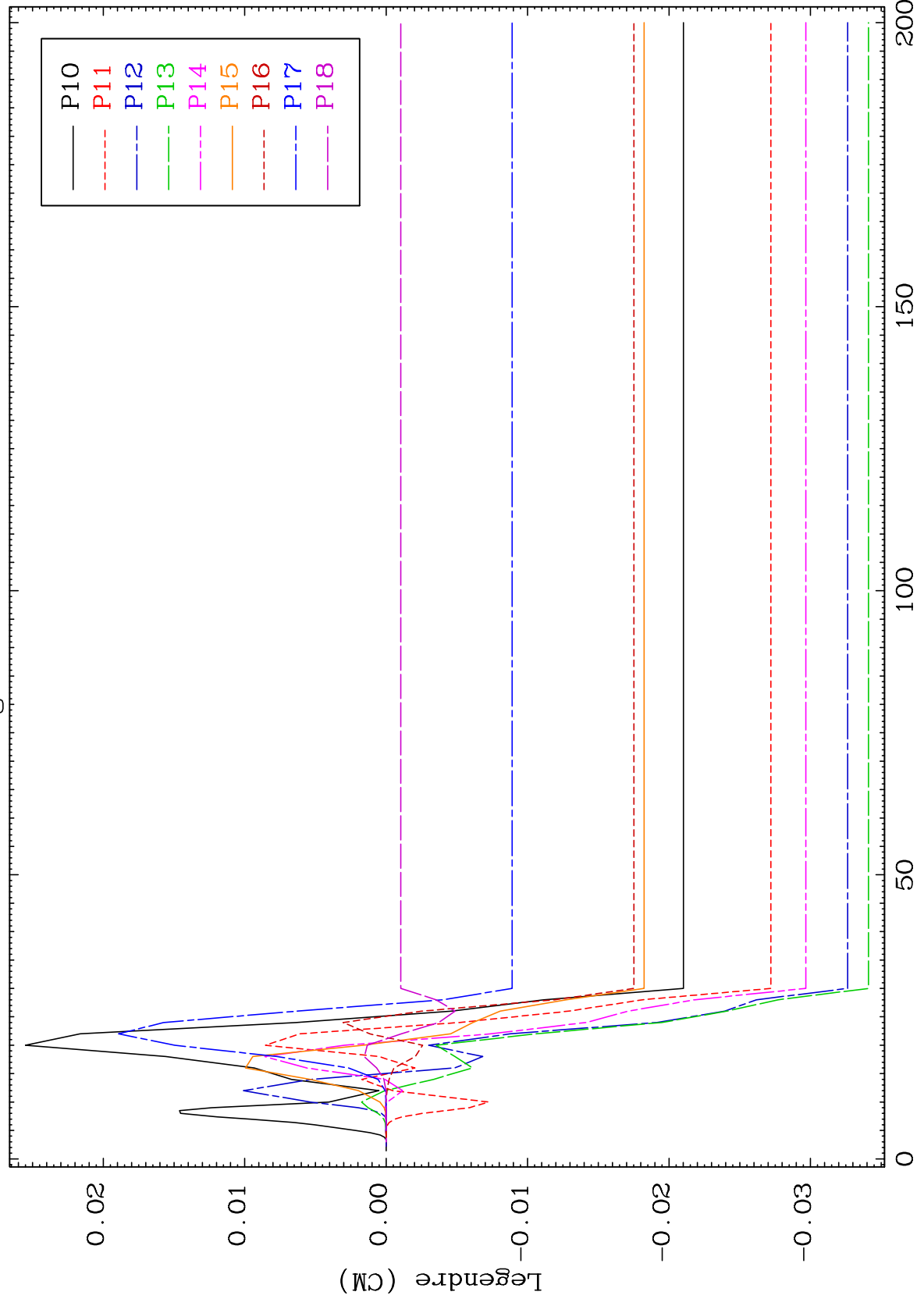




MAT 7328

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

73-Ta-181



94

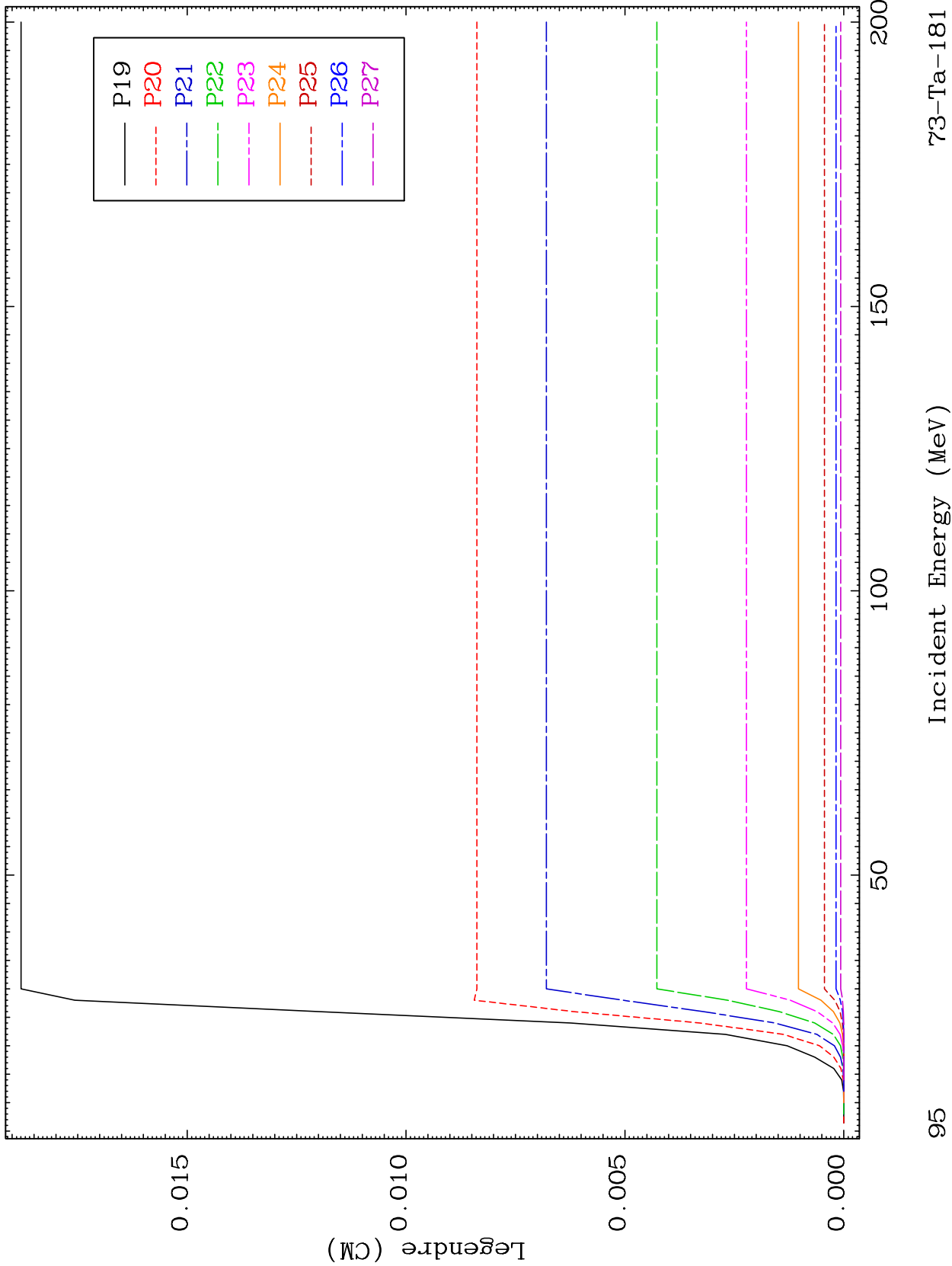
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

73-Ta-181



95

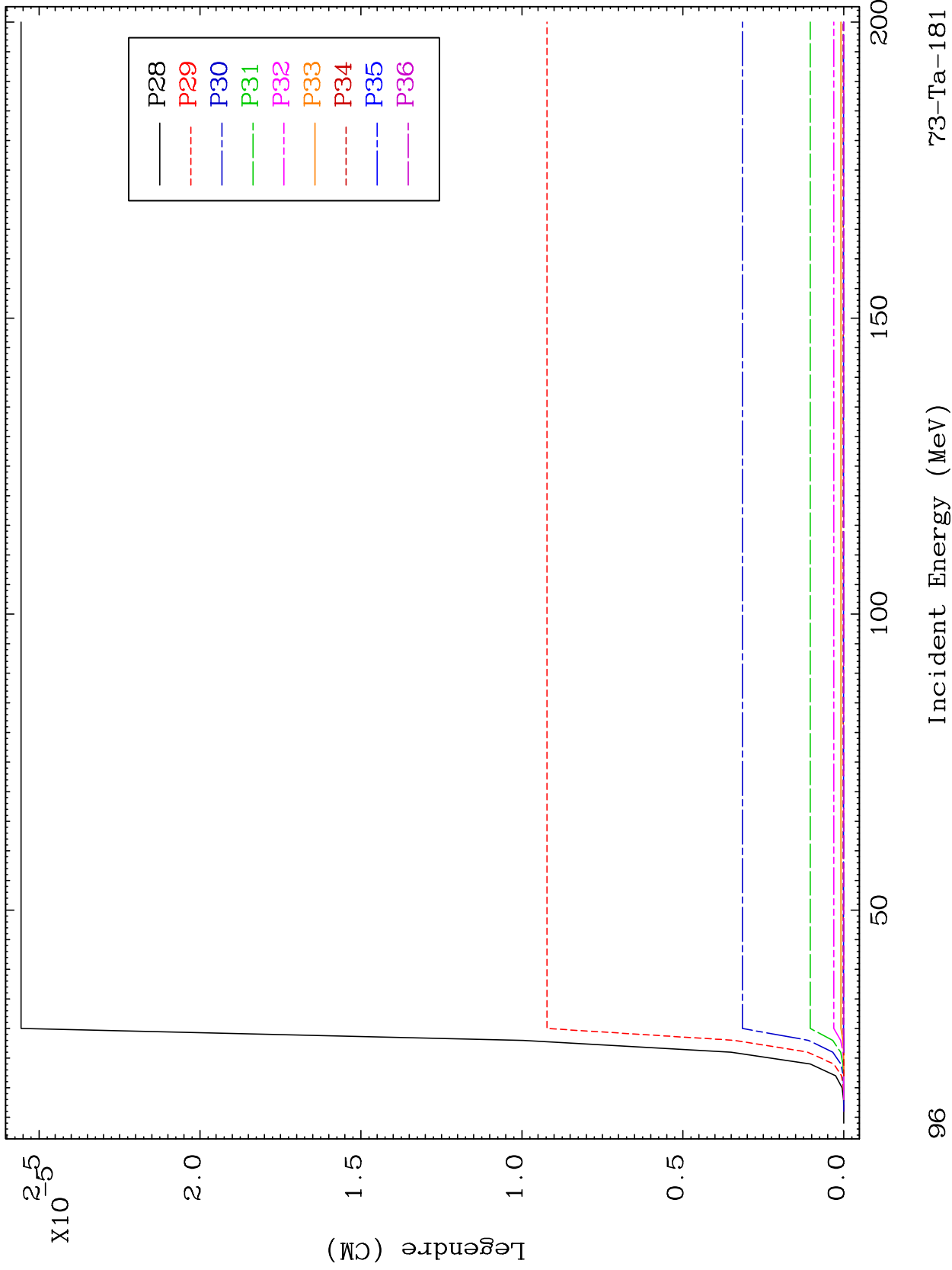
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

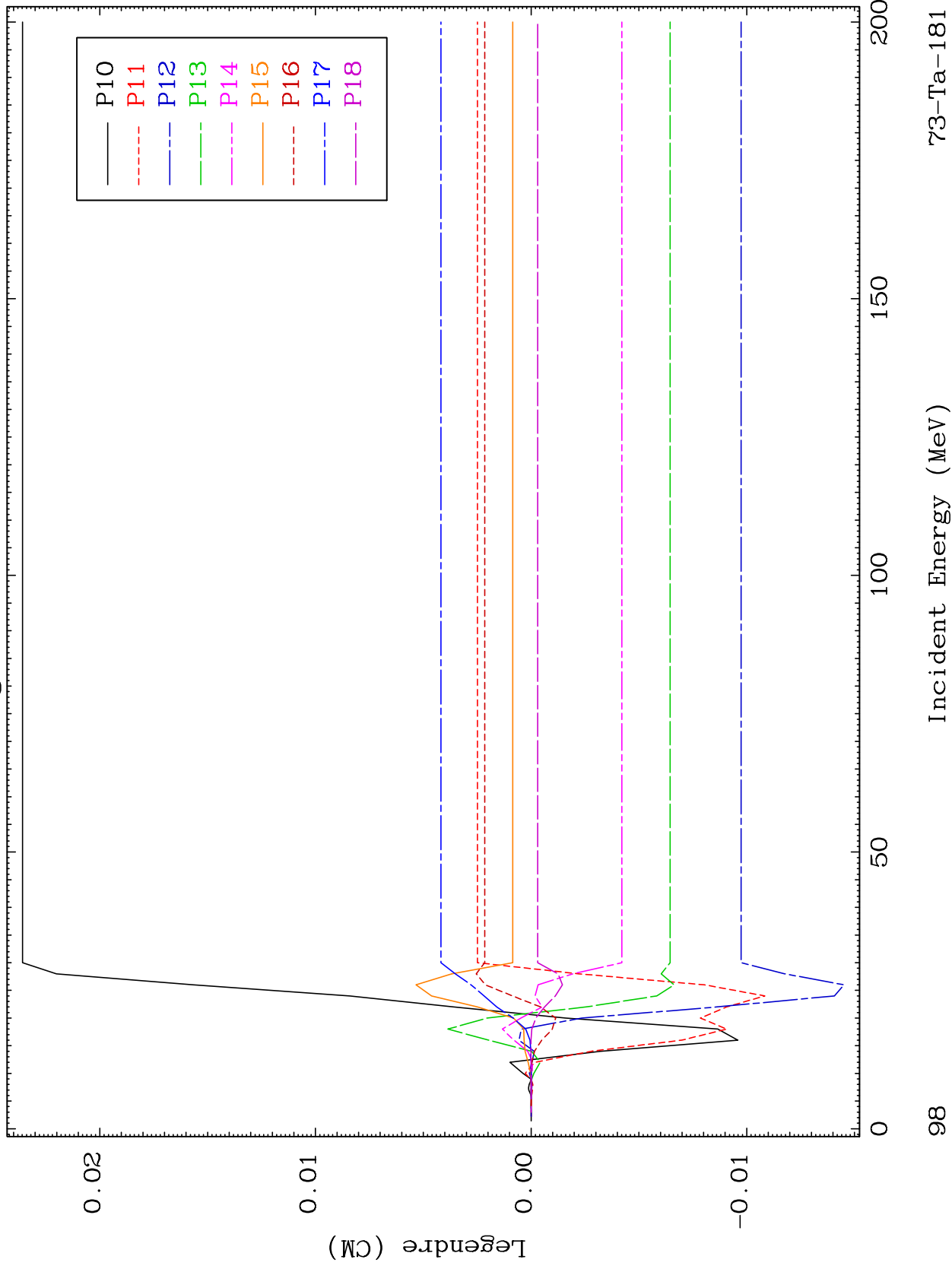
73-Ta-181



MAT 7328

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

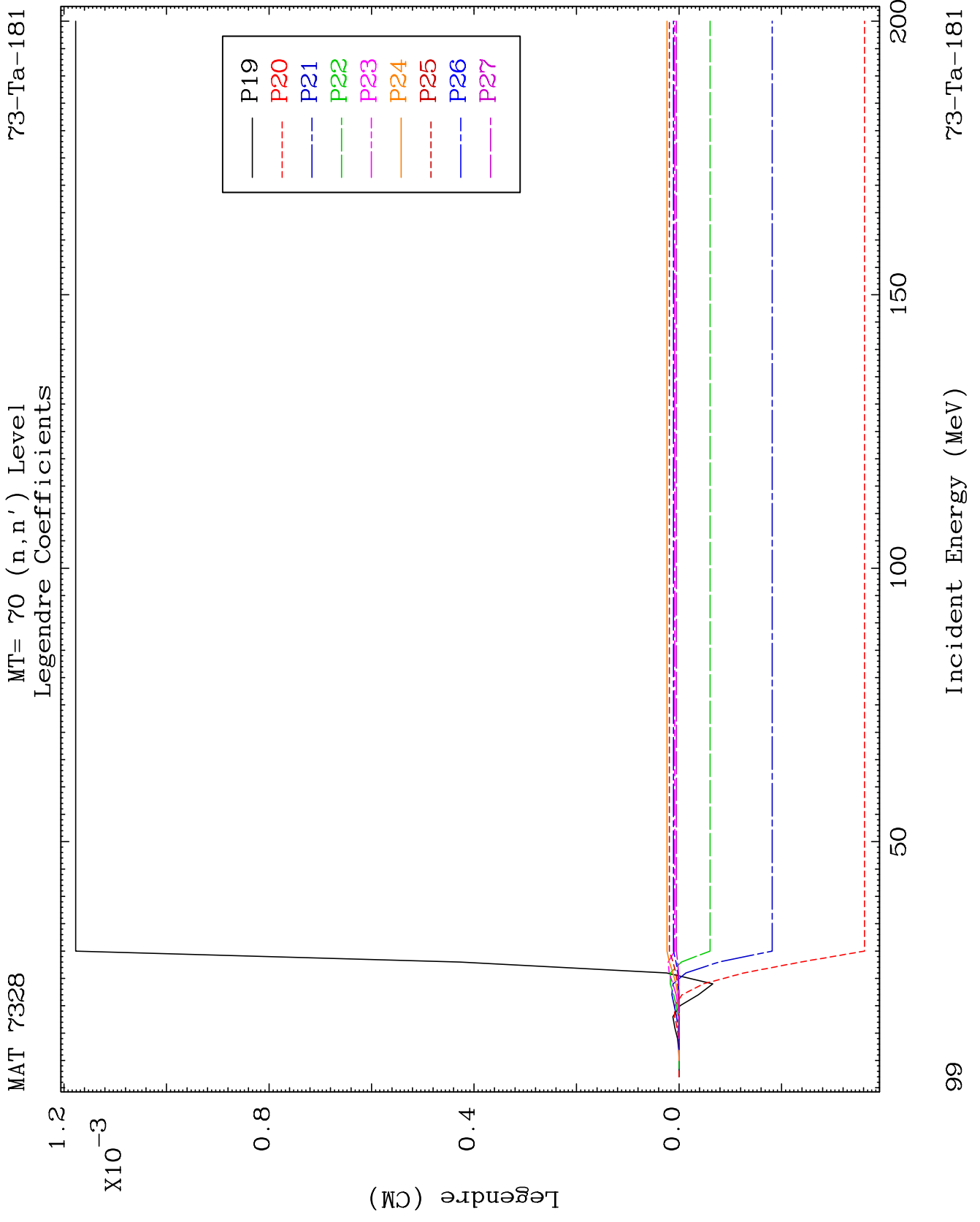
73-Ta-181

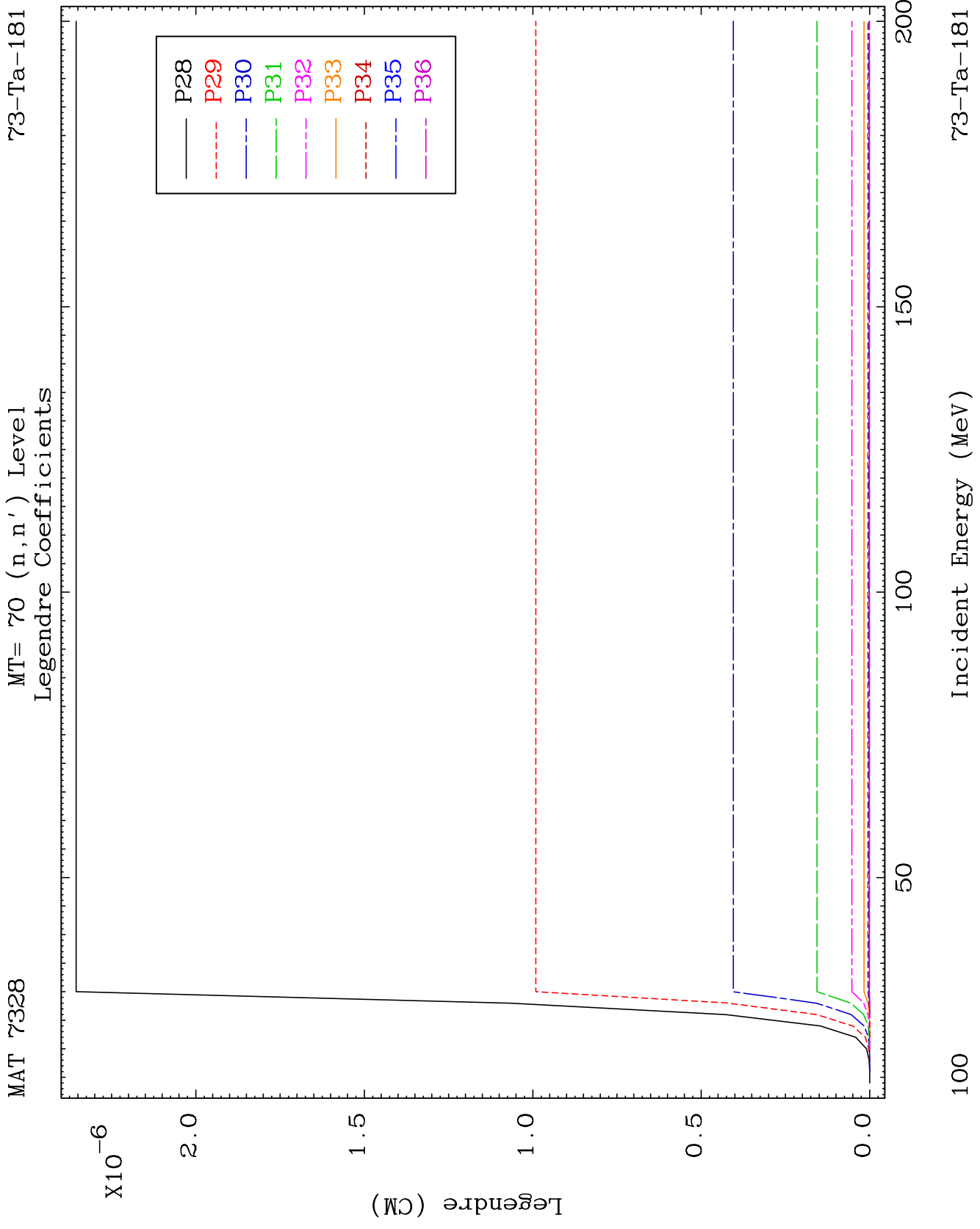


73-Ta-181

Incident Energy (MeV)

98

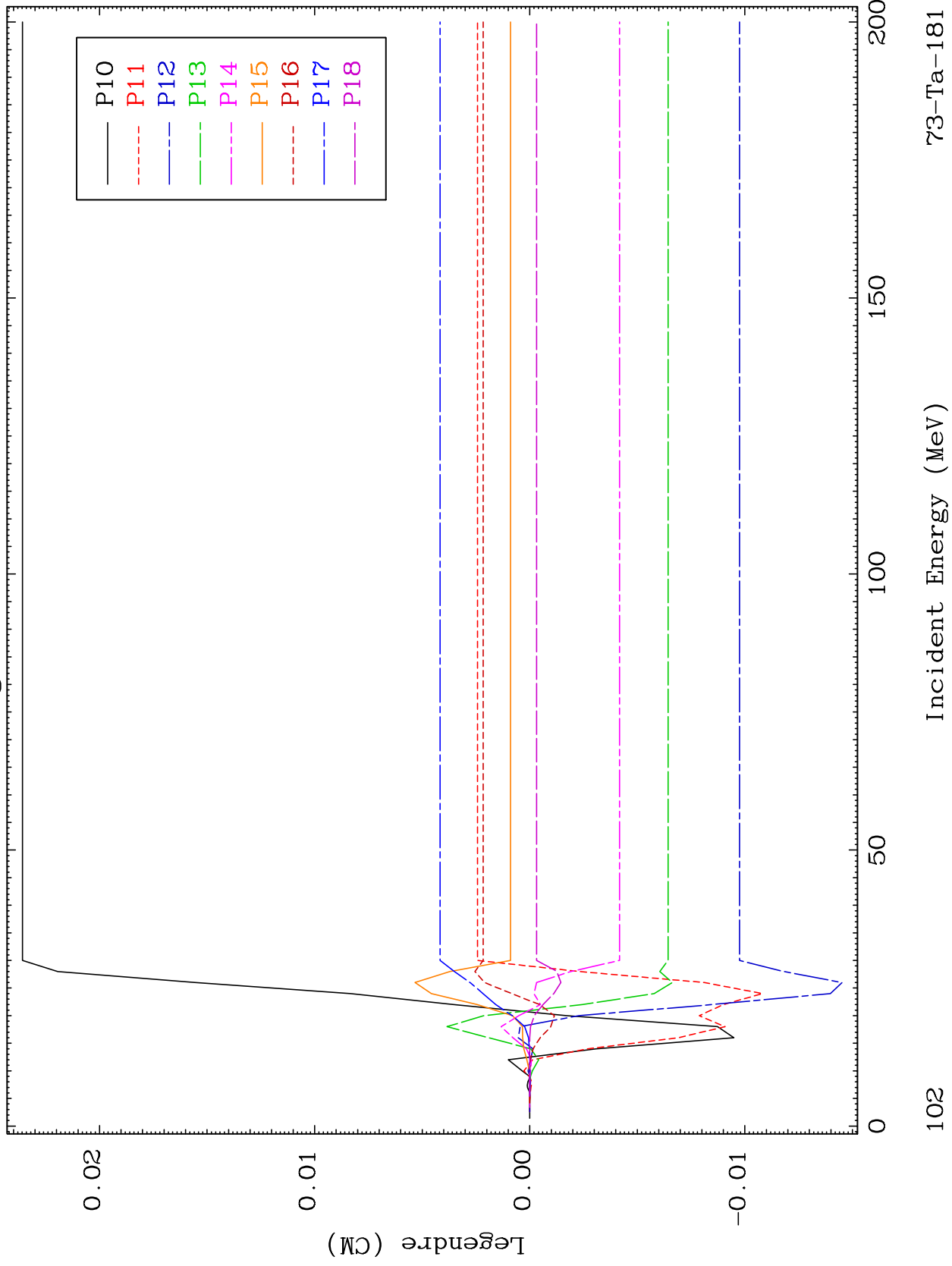




MAT 7328

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

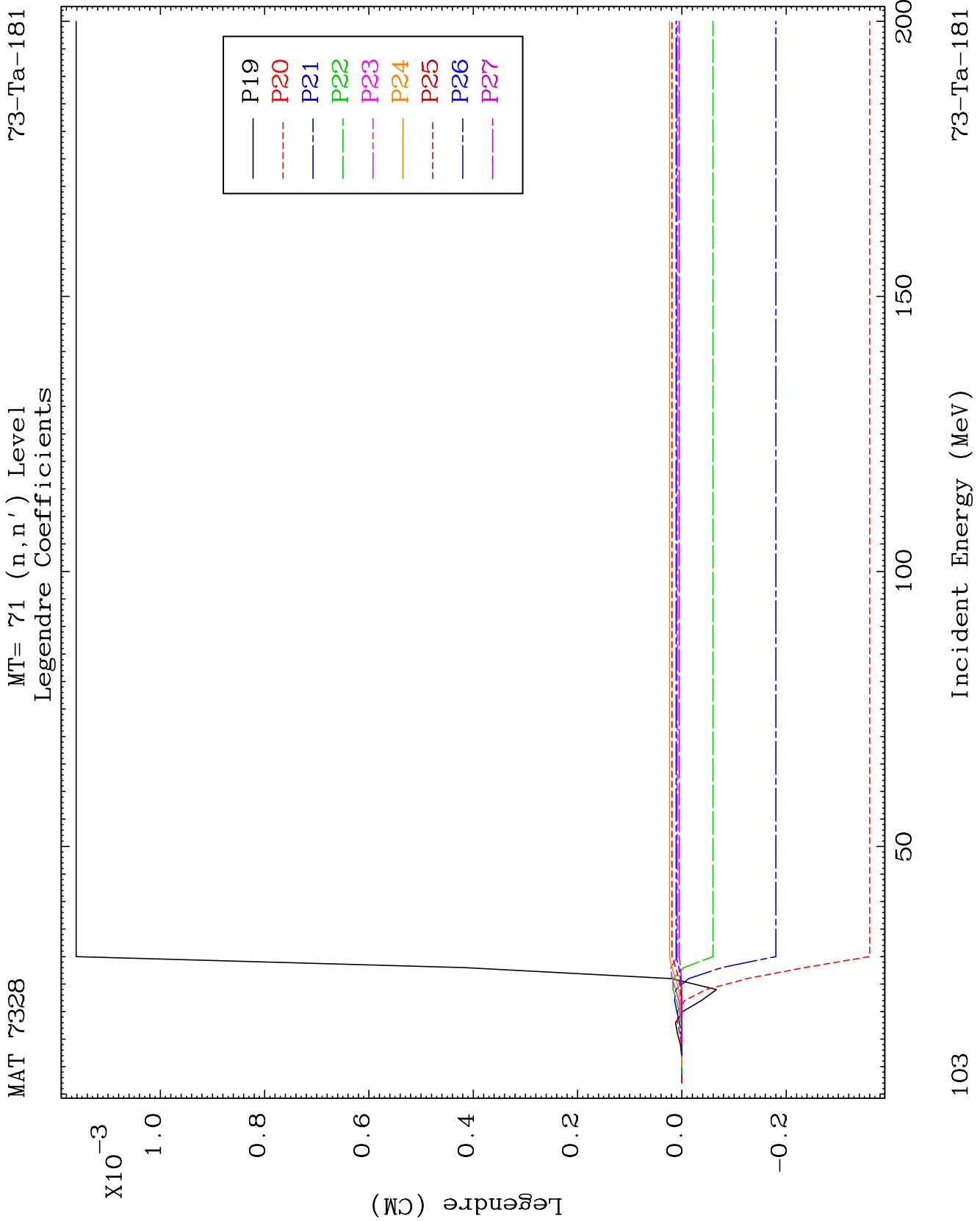
73-Ta-181

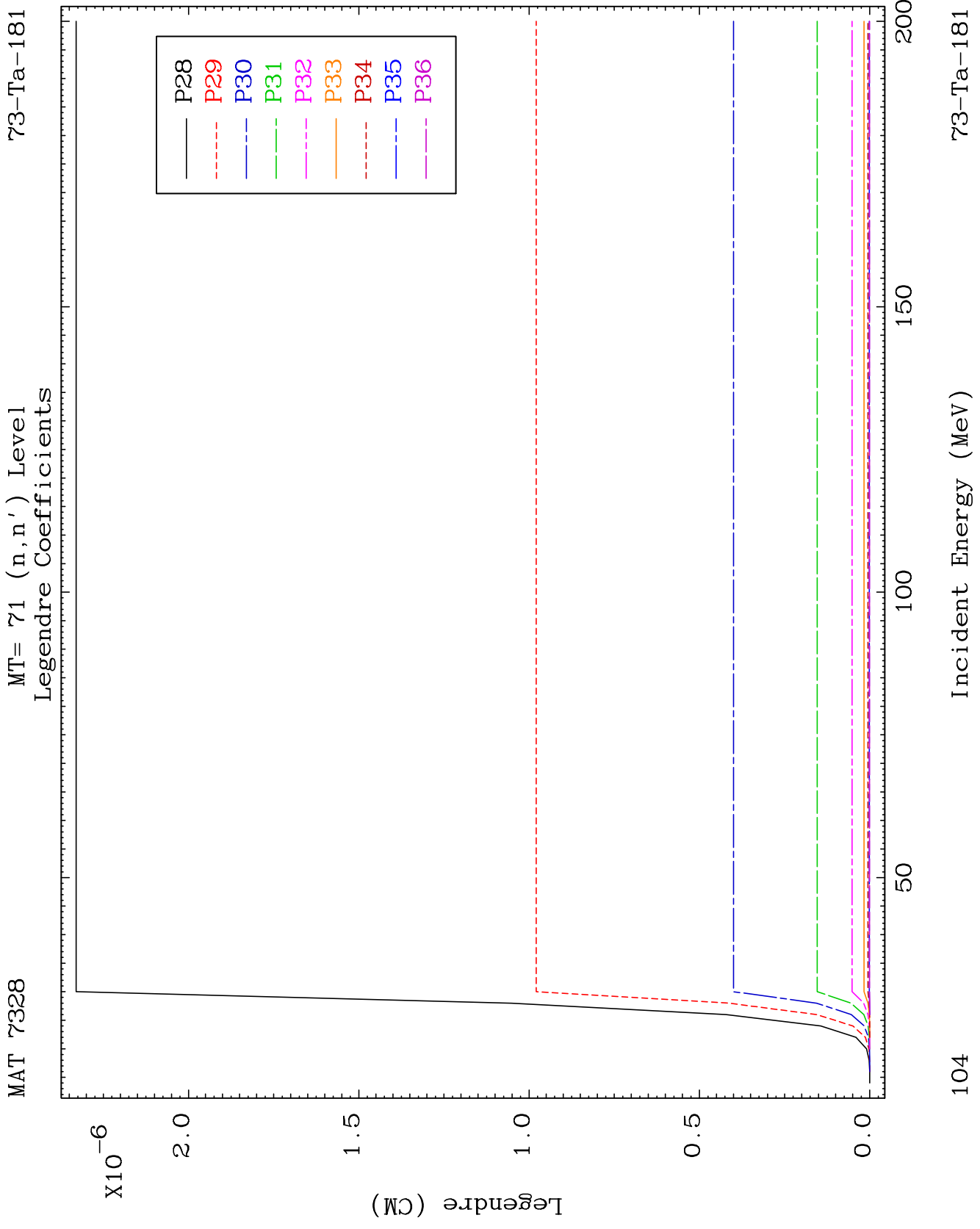


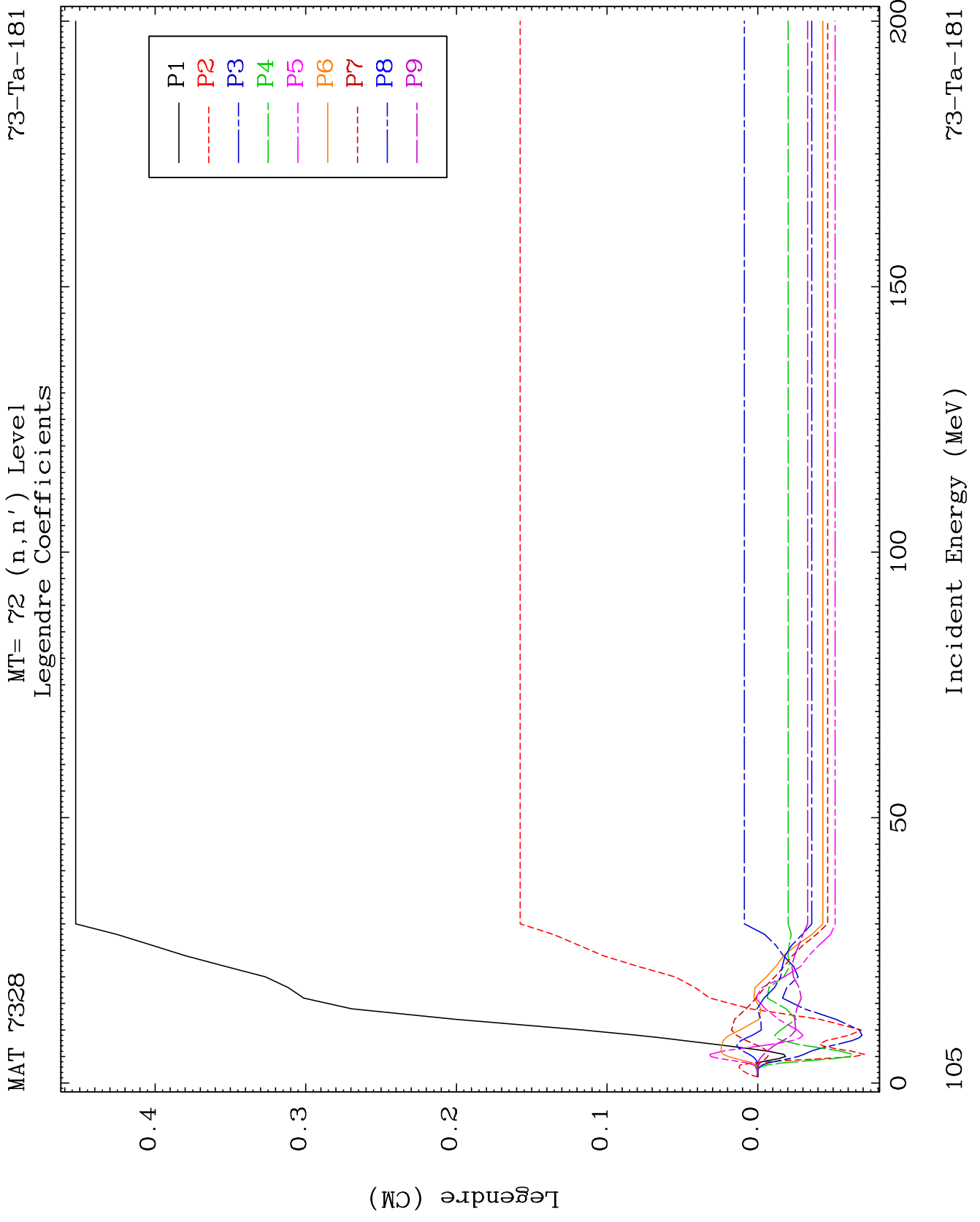
73-Ta-181

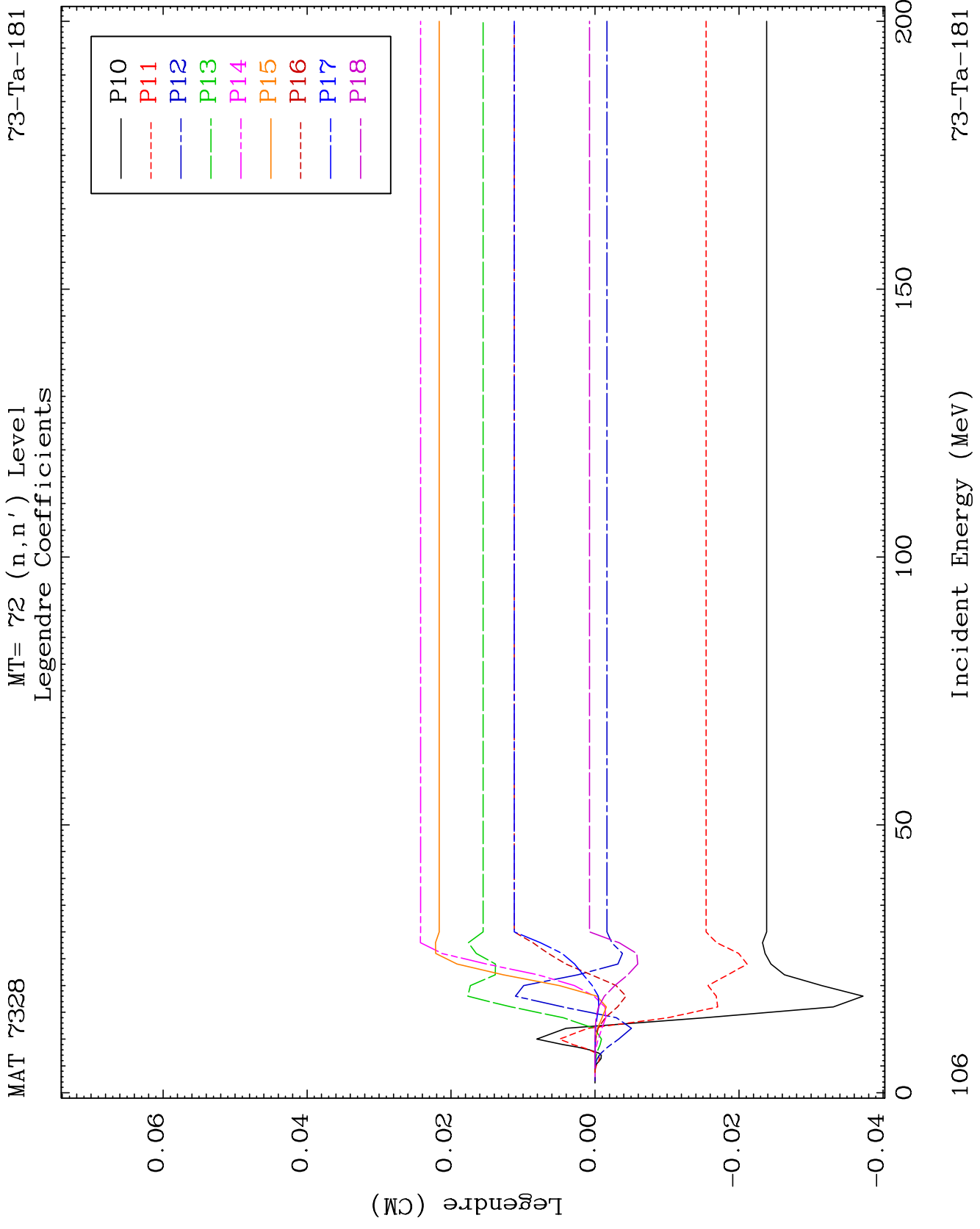
Incident Energy (MeV)

102





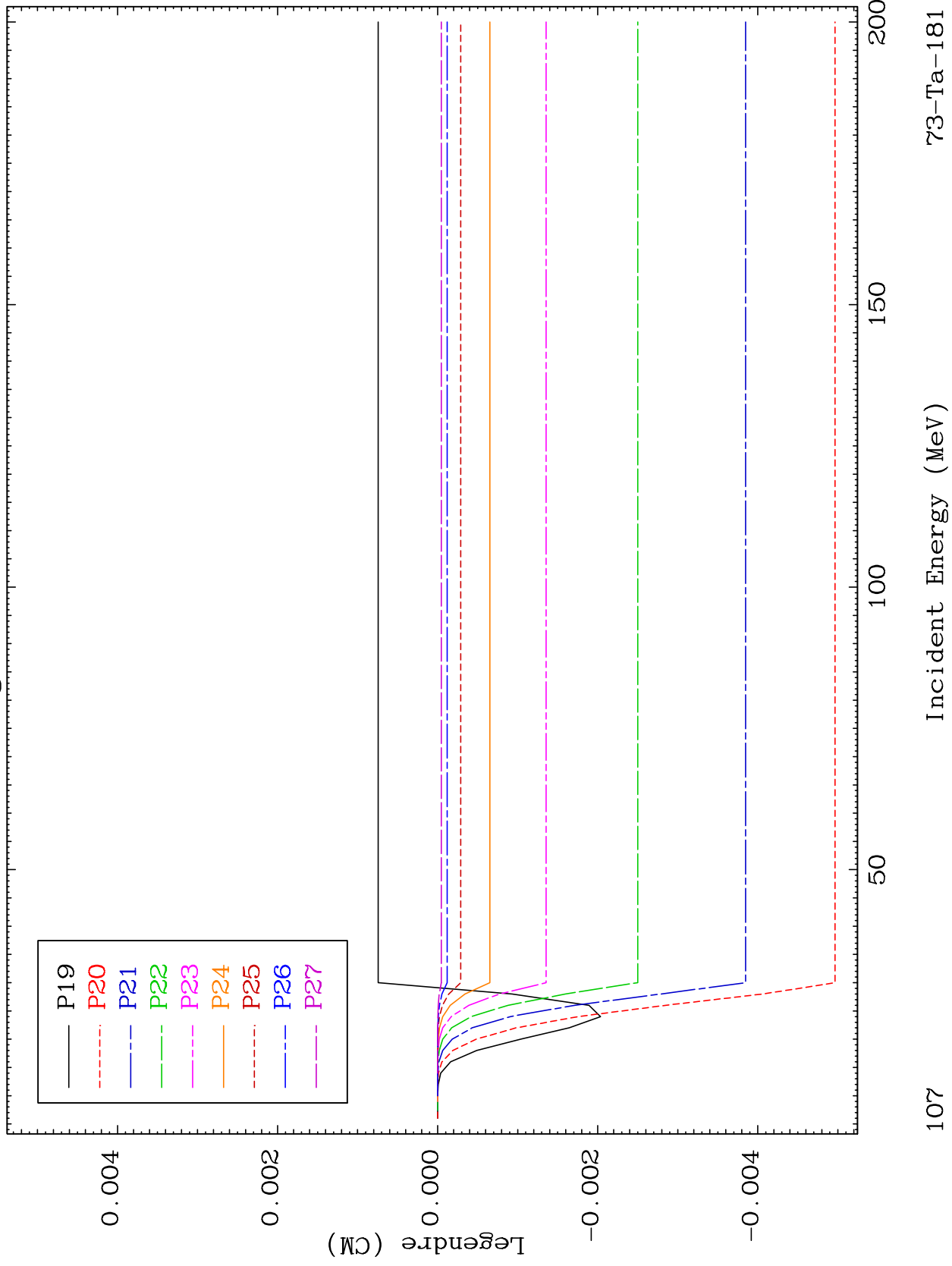




MAT 7328

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

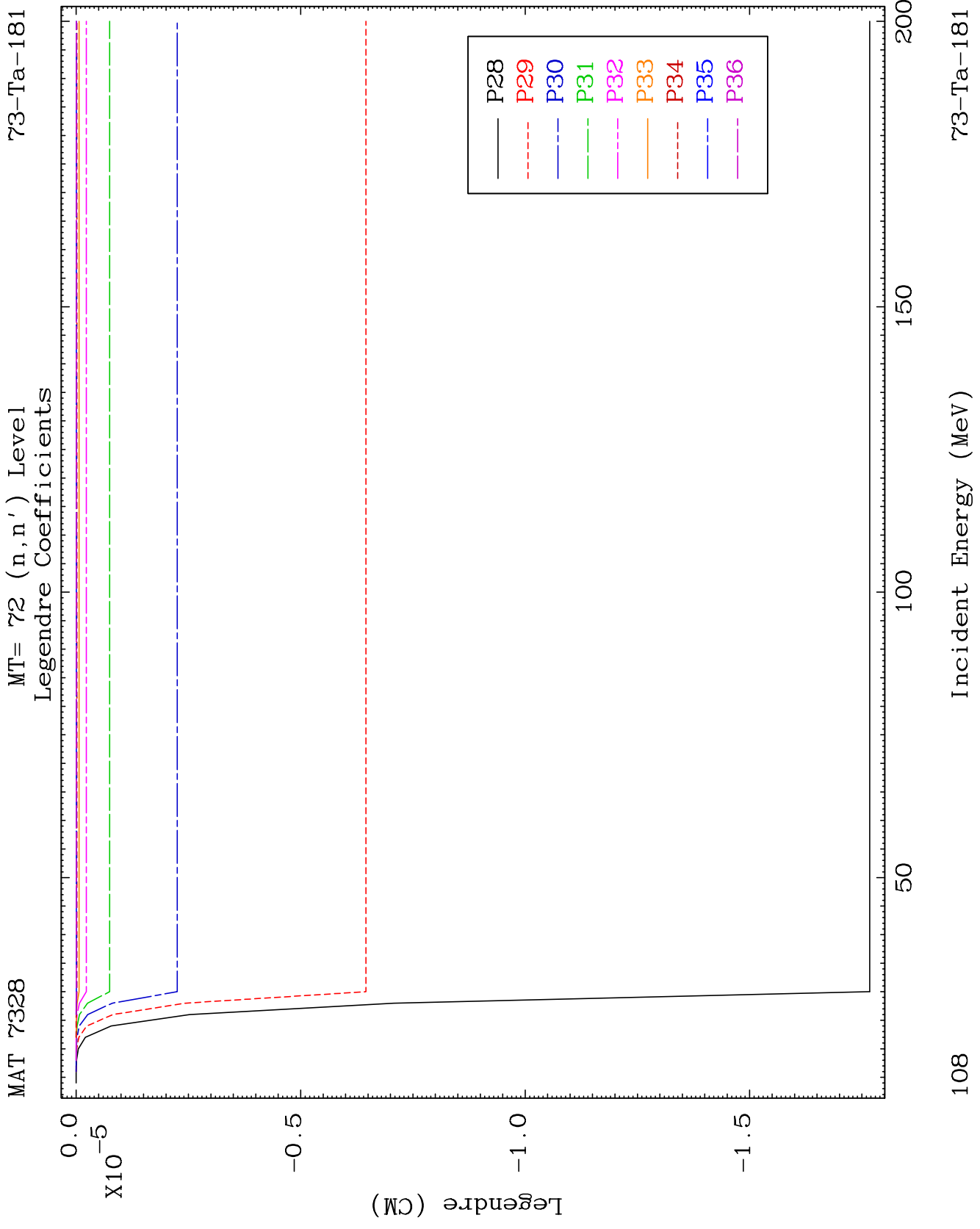
73-Ta-181

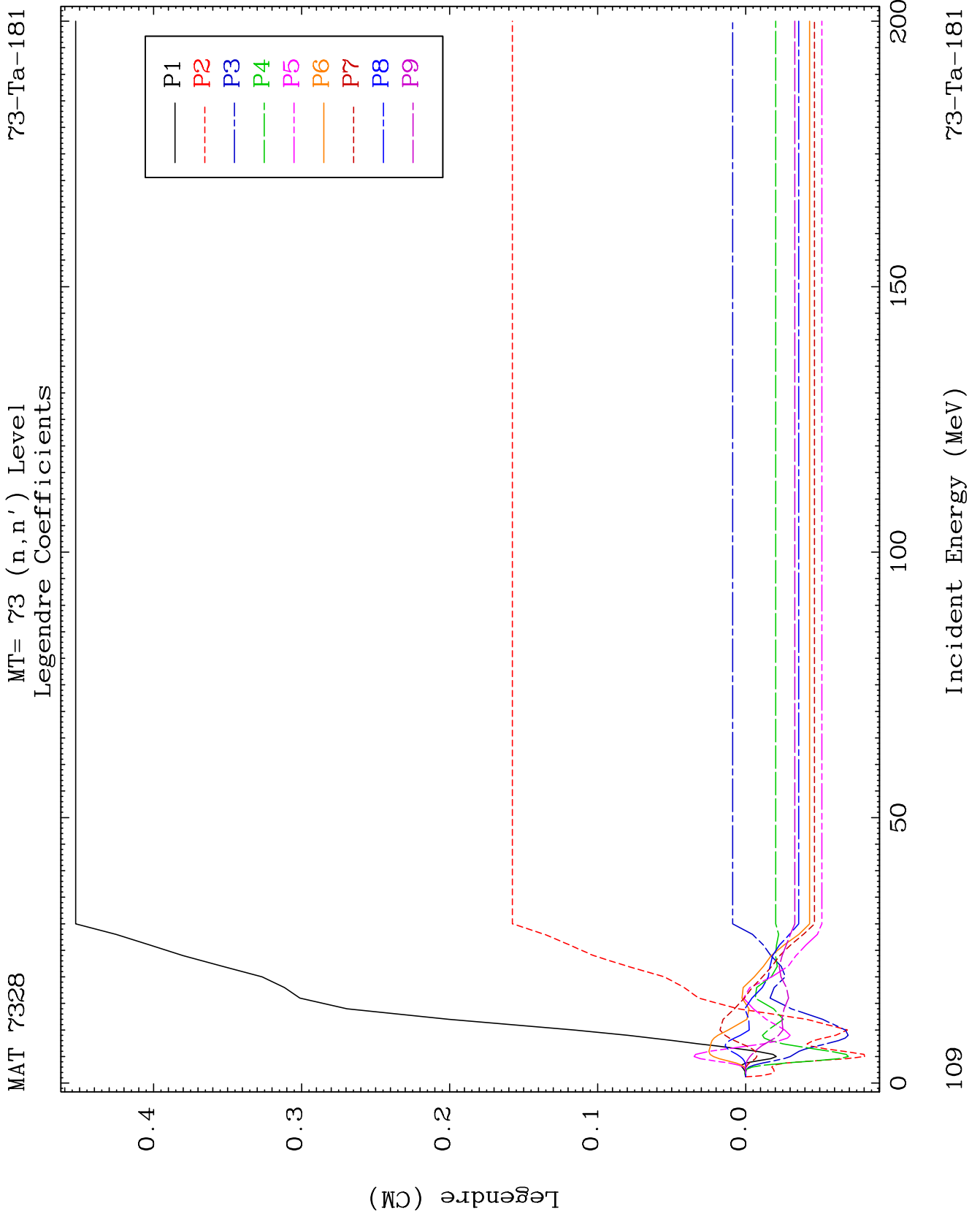


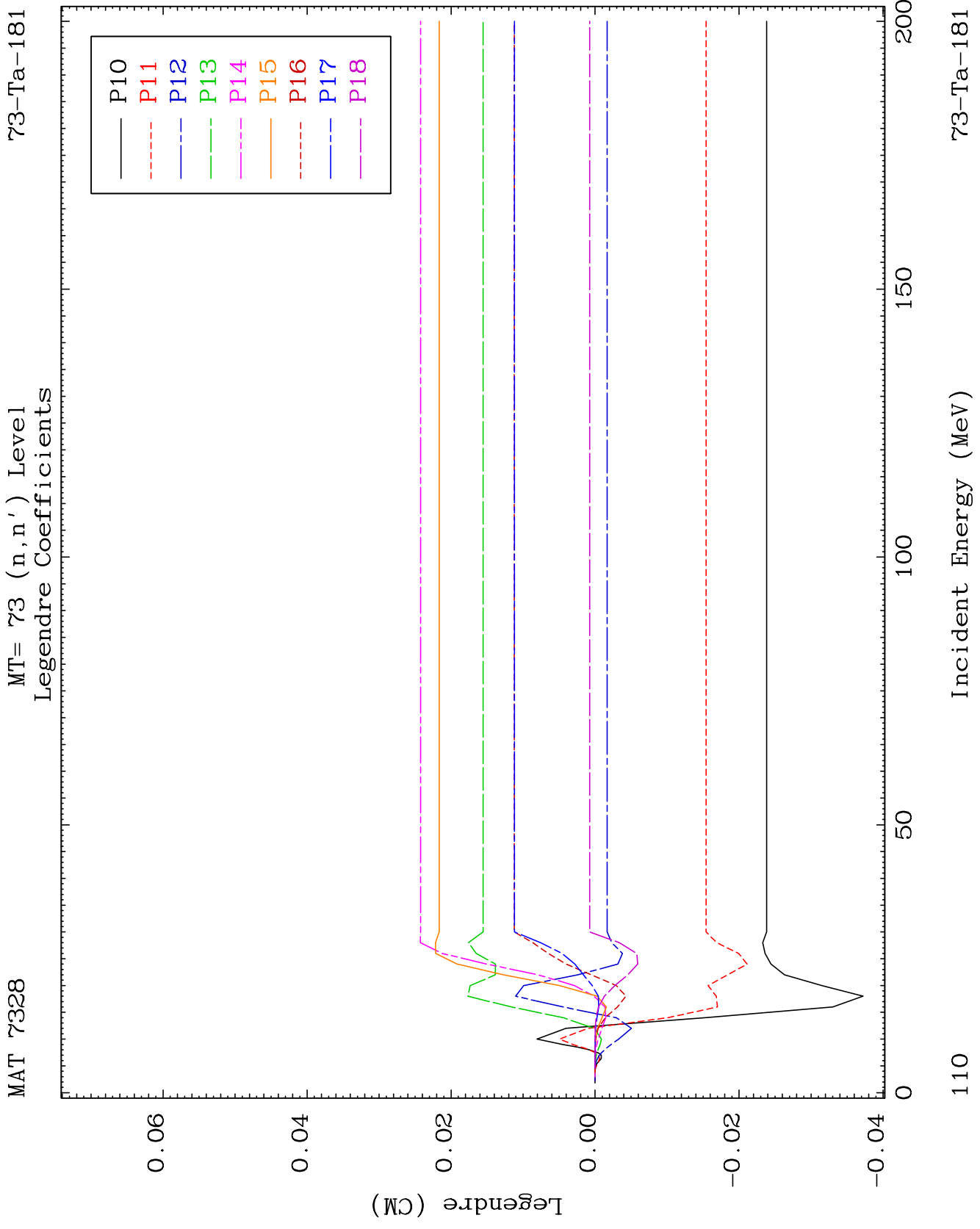
107

Incident Energy (MeV)

73-Ta-181



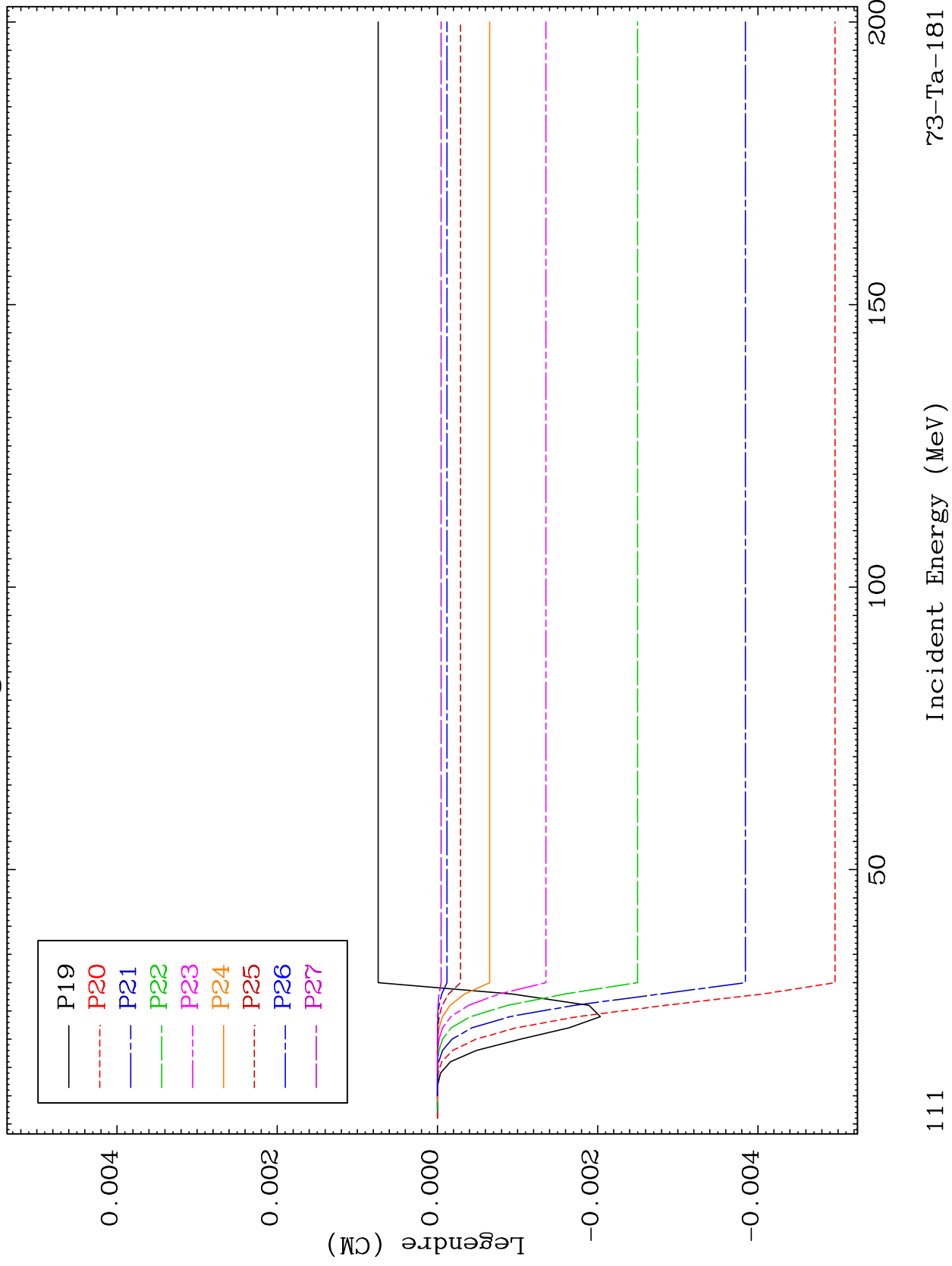




MAT 7328

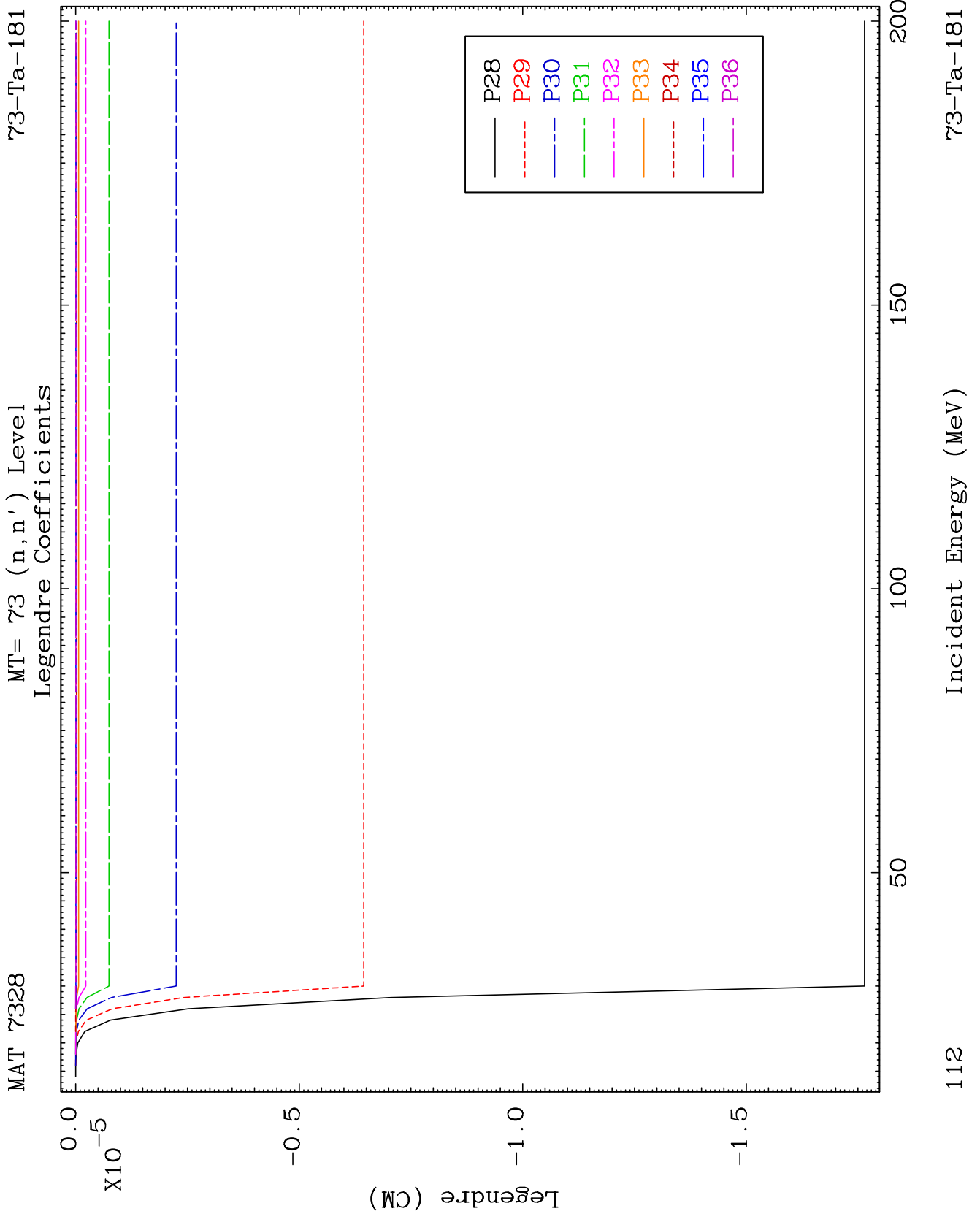
MT= 73 (n,n') Level
Legendre Coefficients

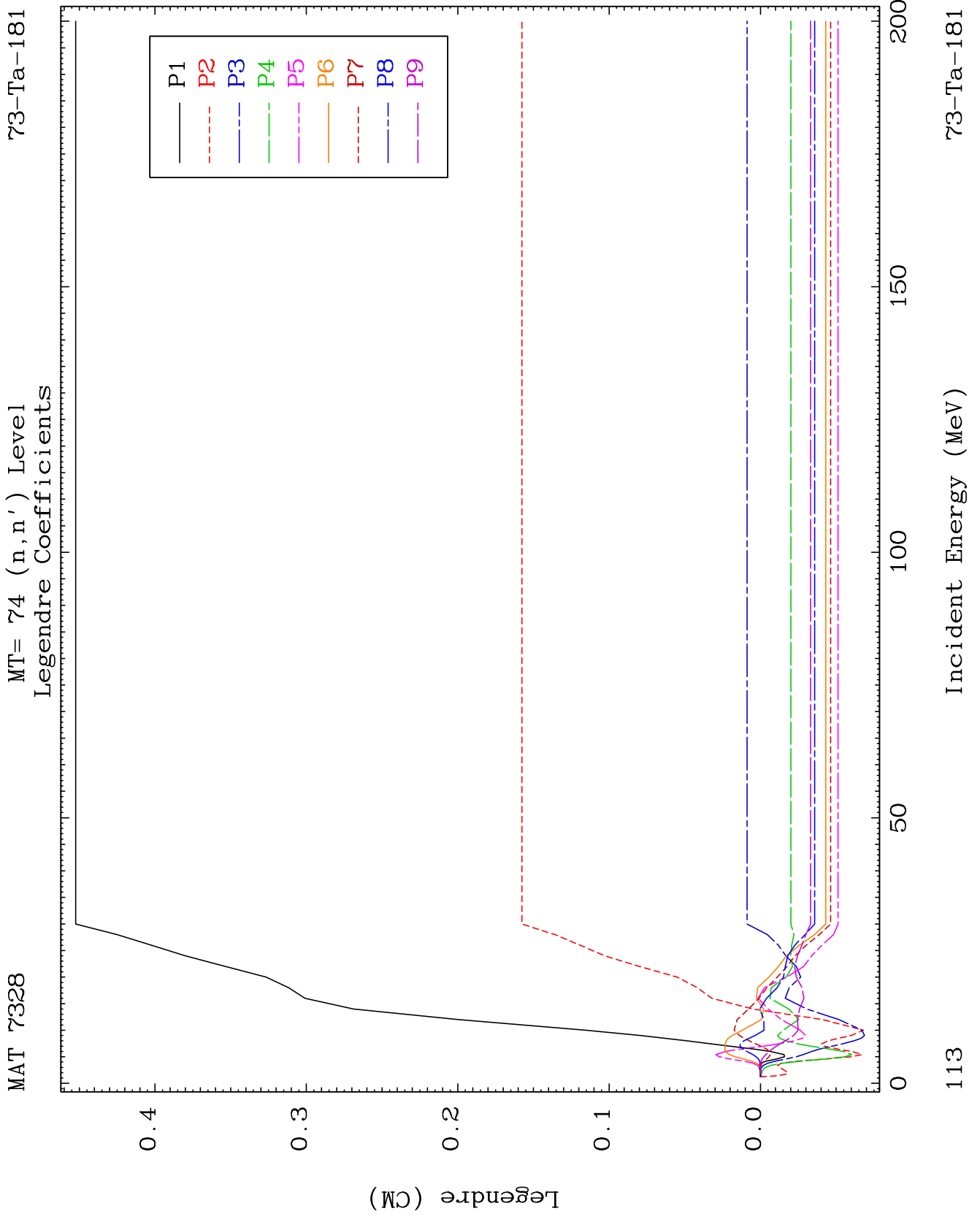
73-Ta-181



111

73-Ta-181

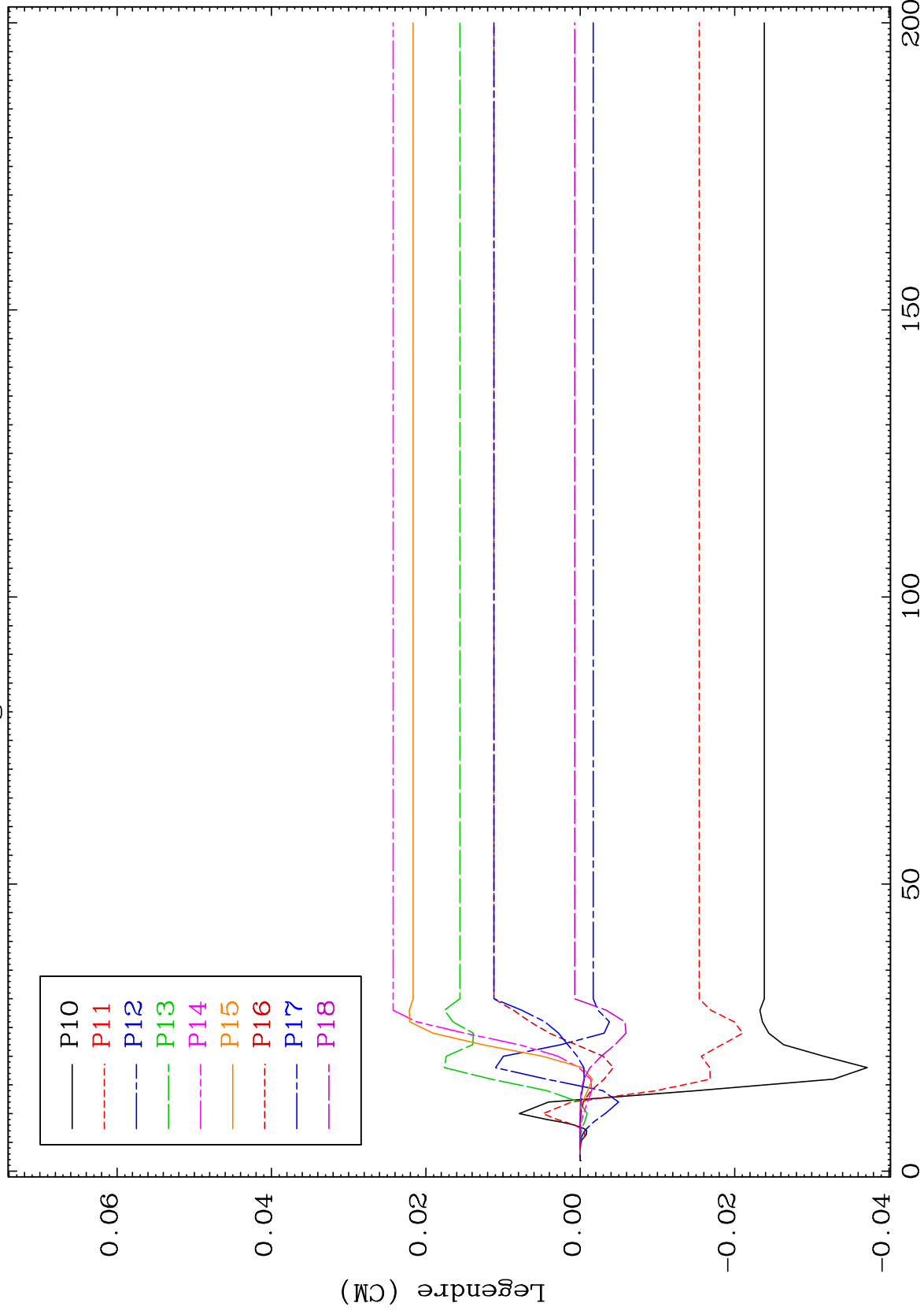




MAT 7328

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

73-Ta-181



114

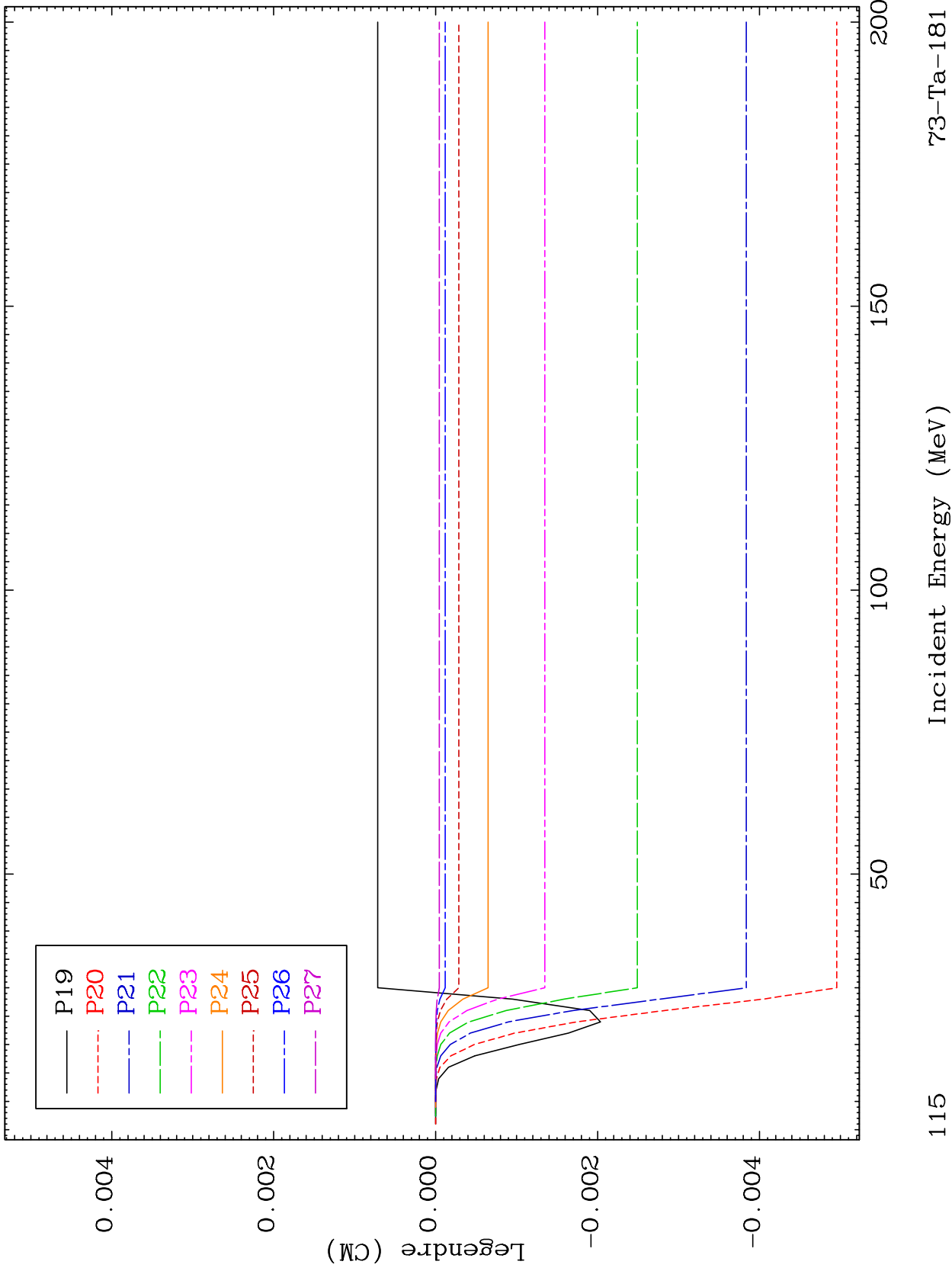
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

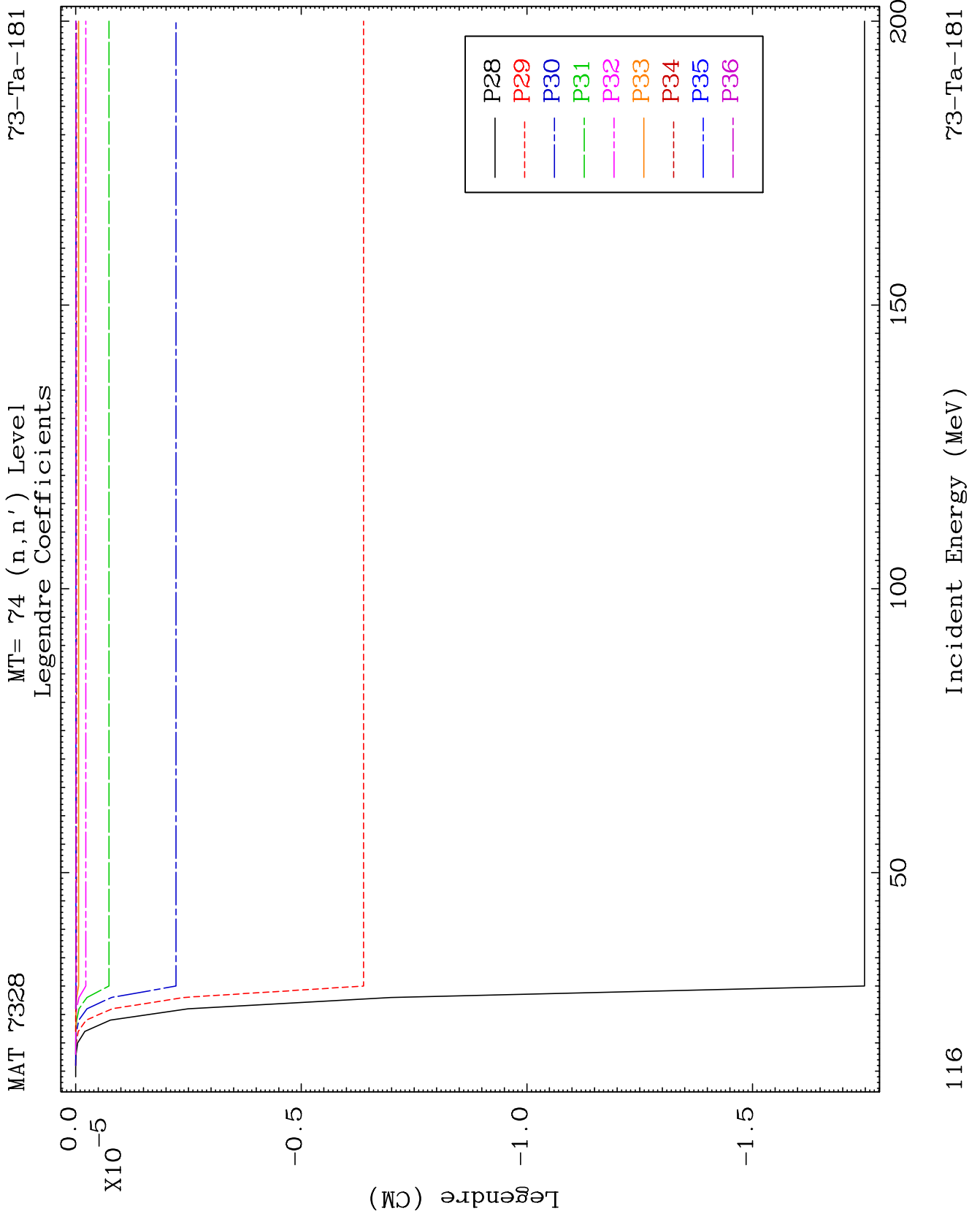
73-Ta-181

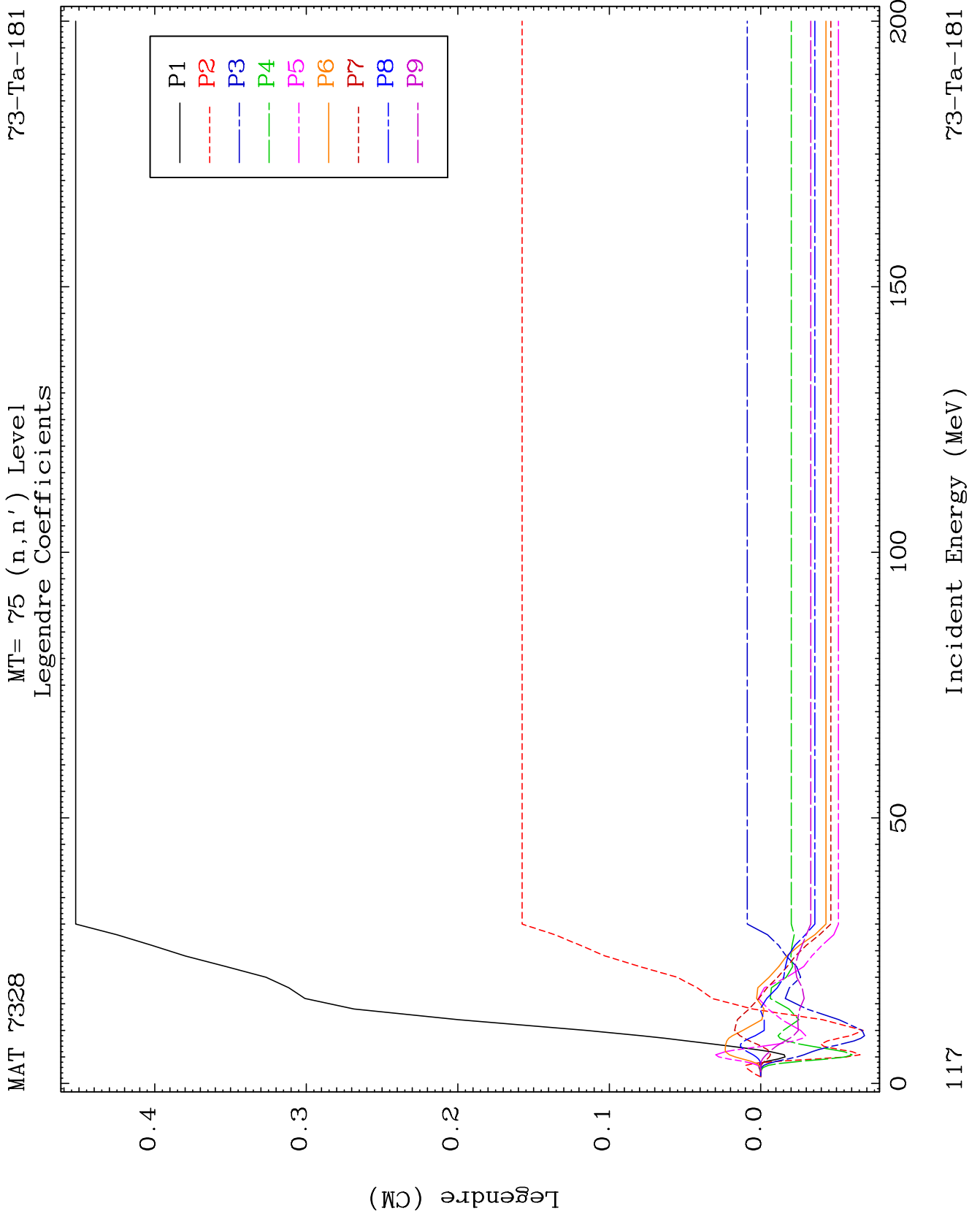


115

Incident Energy (MeV)

73-Ta-181

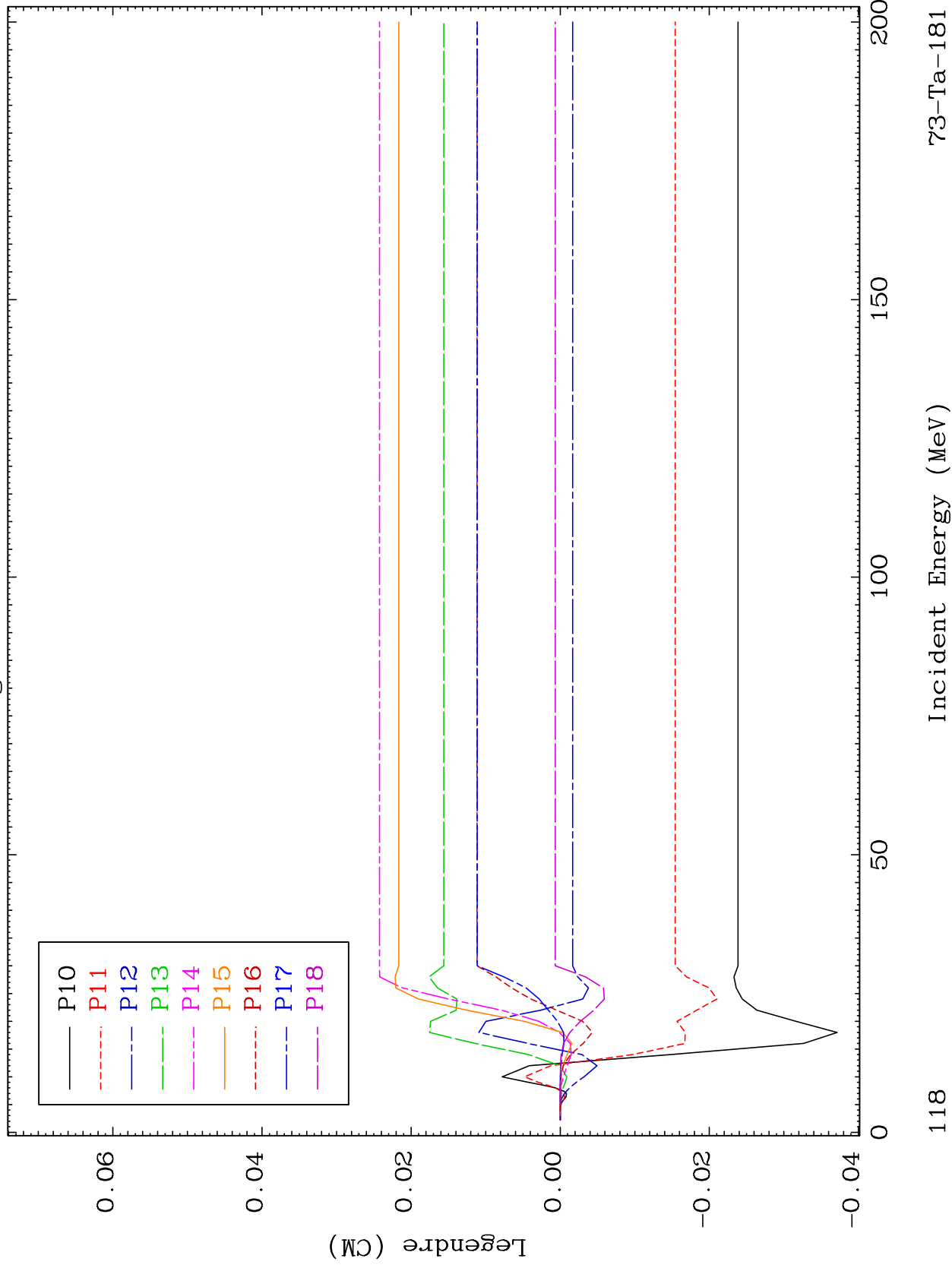




MAT 7328

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

73-Ta-181



118

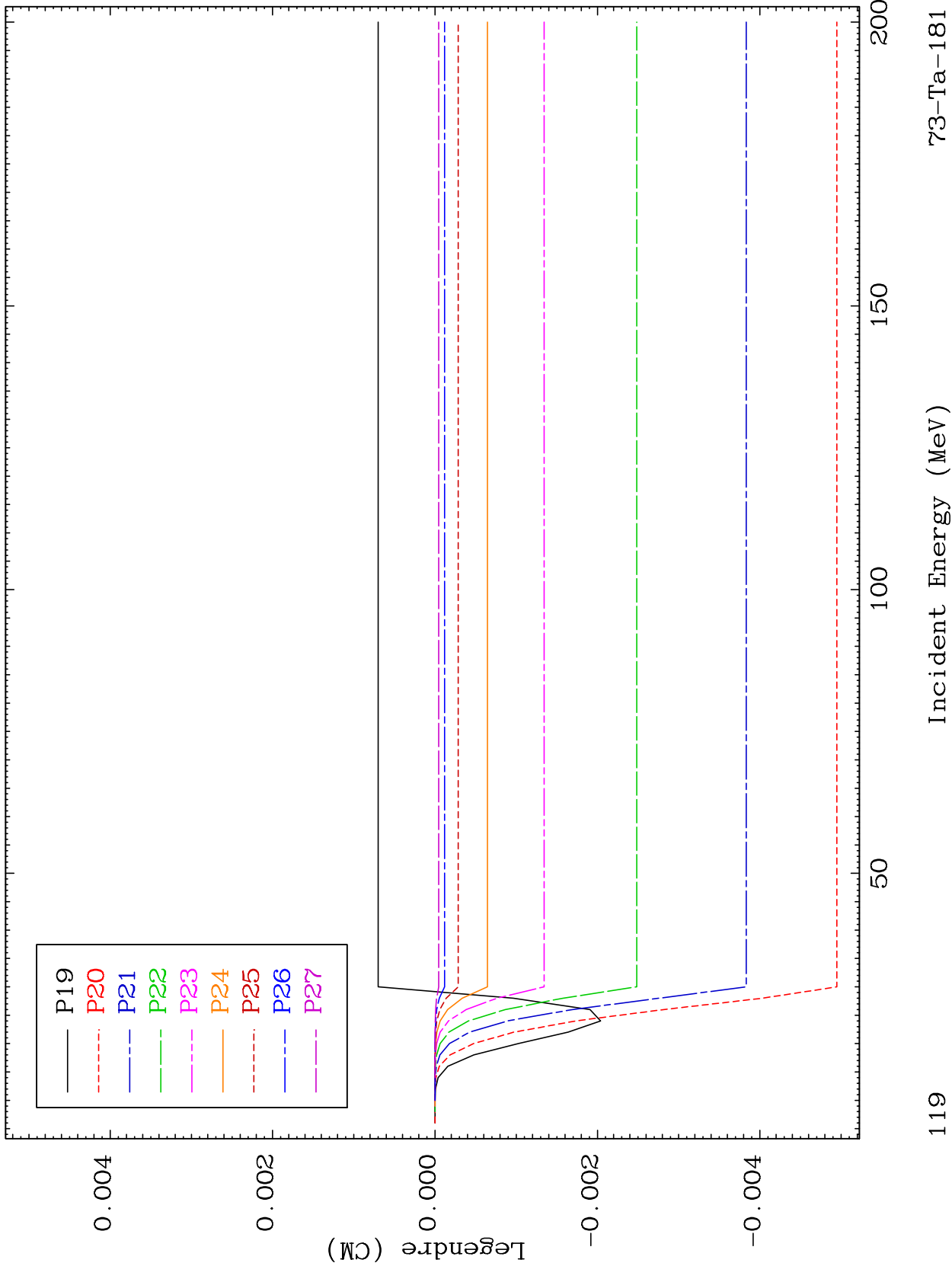
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

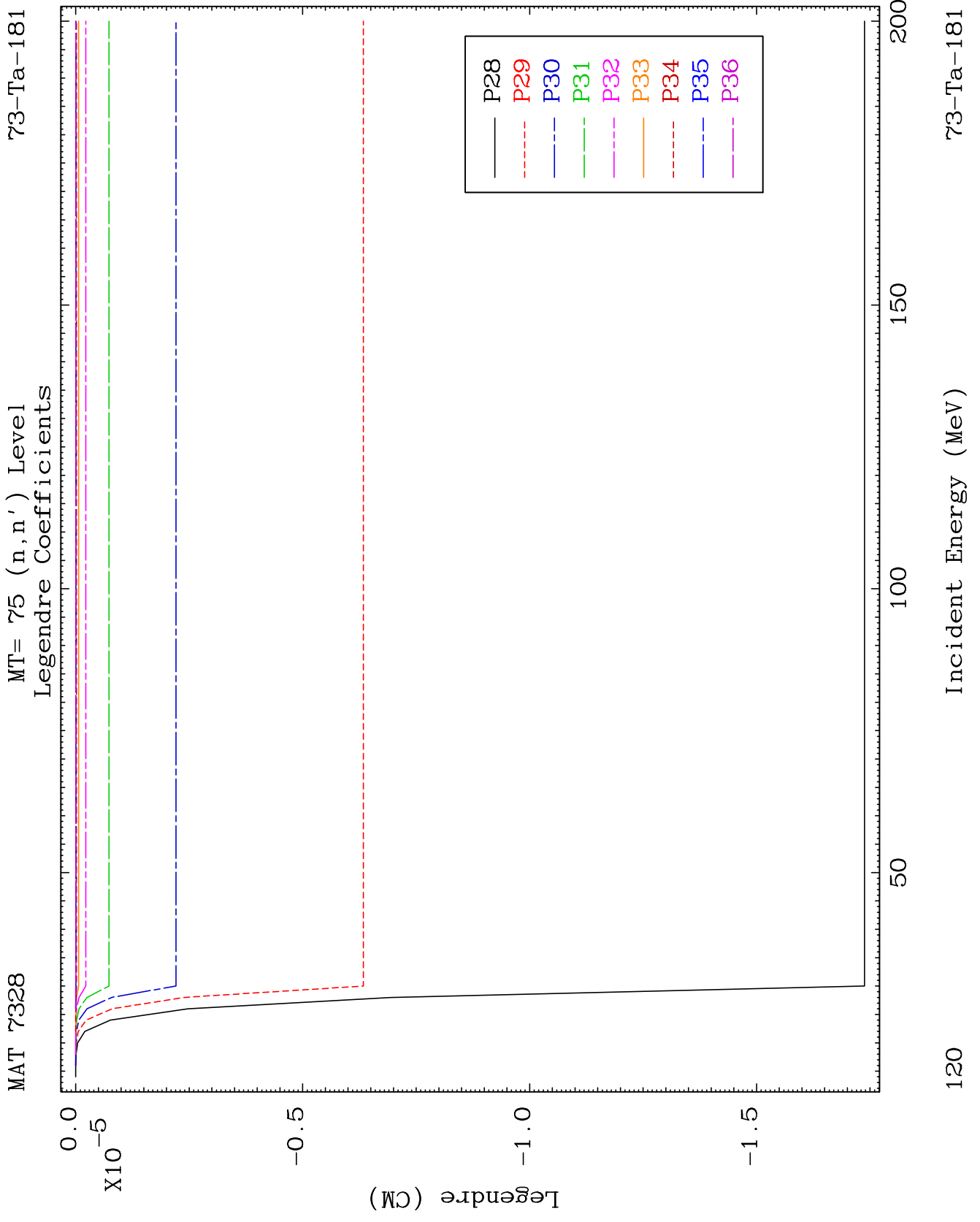
73-Ta-181



119

Incident Energy (MeV)

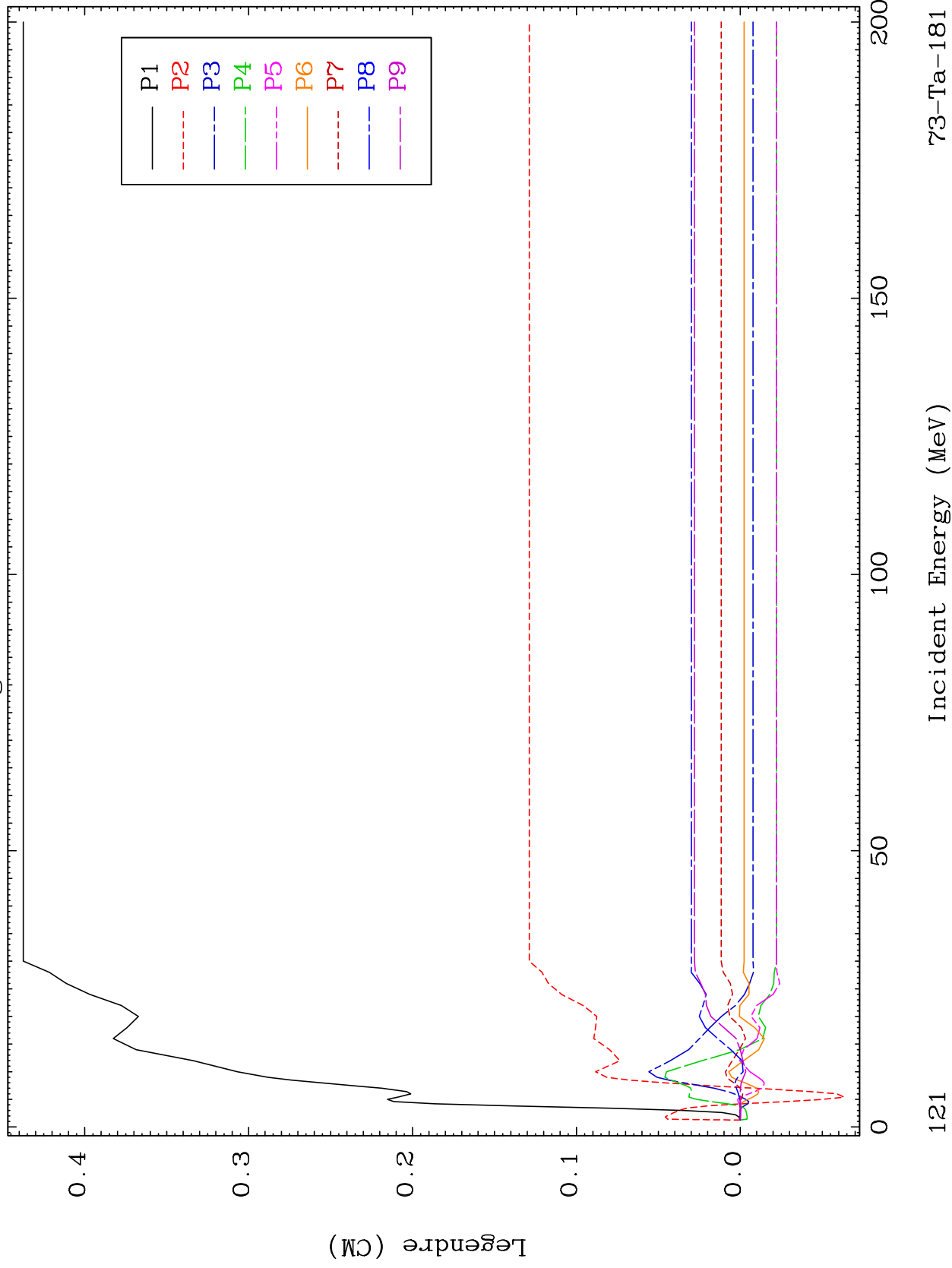
73-Ta-181



MAT 7328

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

73-Ta-181



73-Ta-181

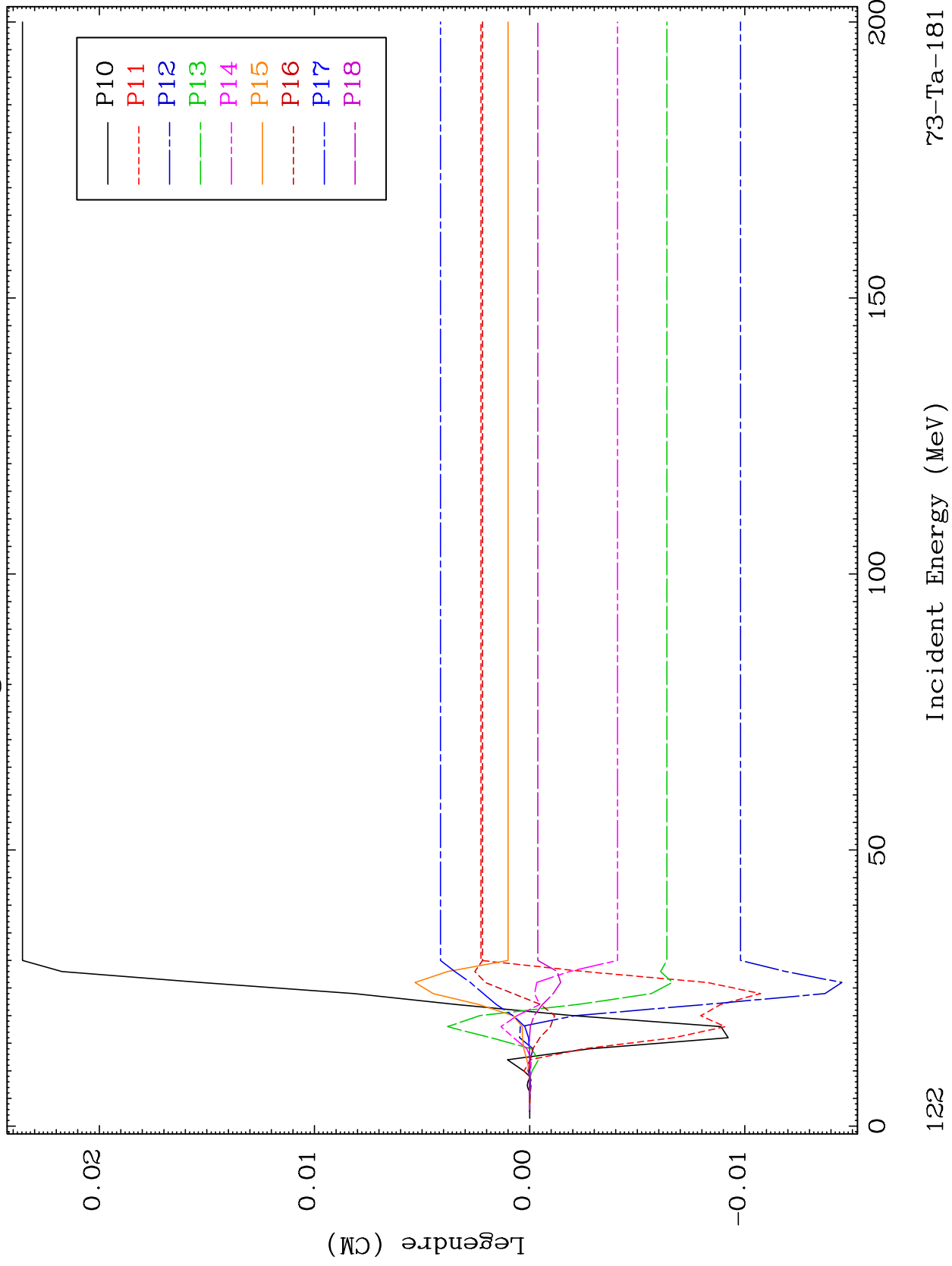
Incident Energy (MeV)

121

MAT 7328

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

73-Ta-181



73-Ta-181

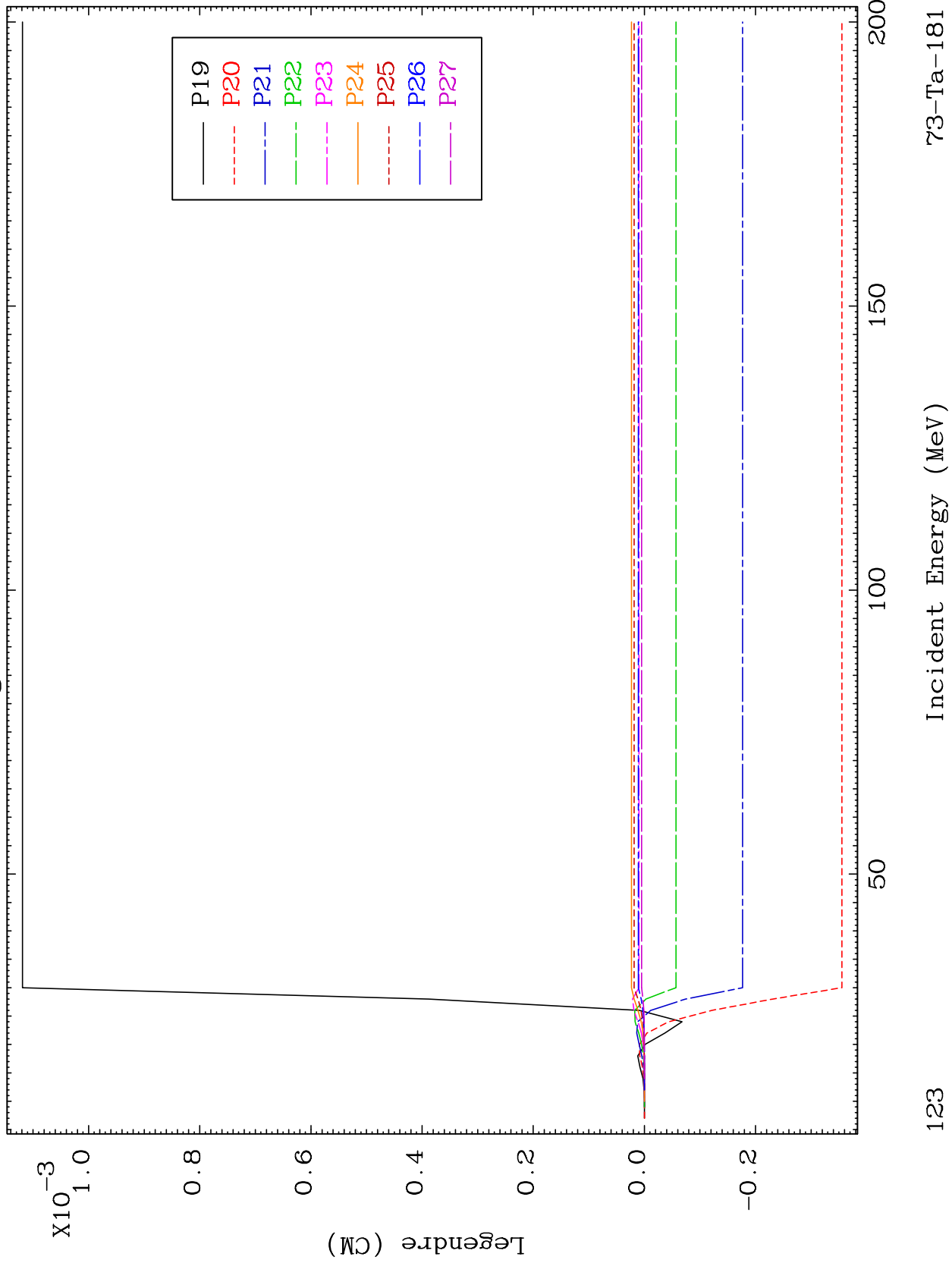
Incident Energy (MeV)

122

MAT 7328

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

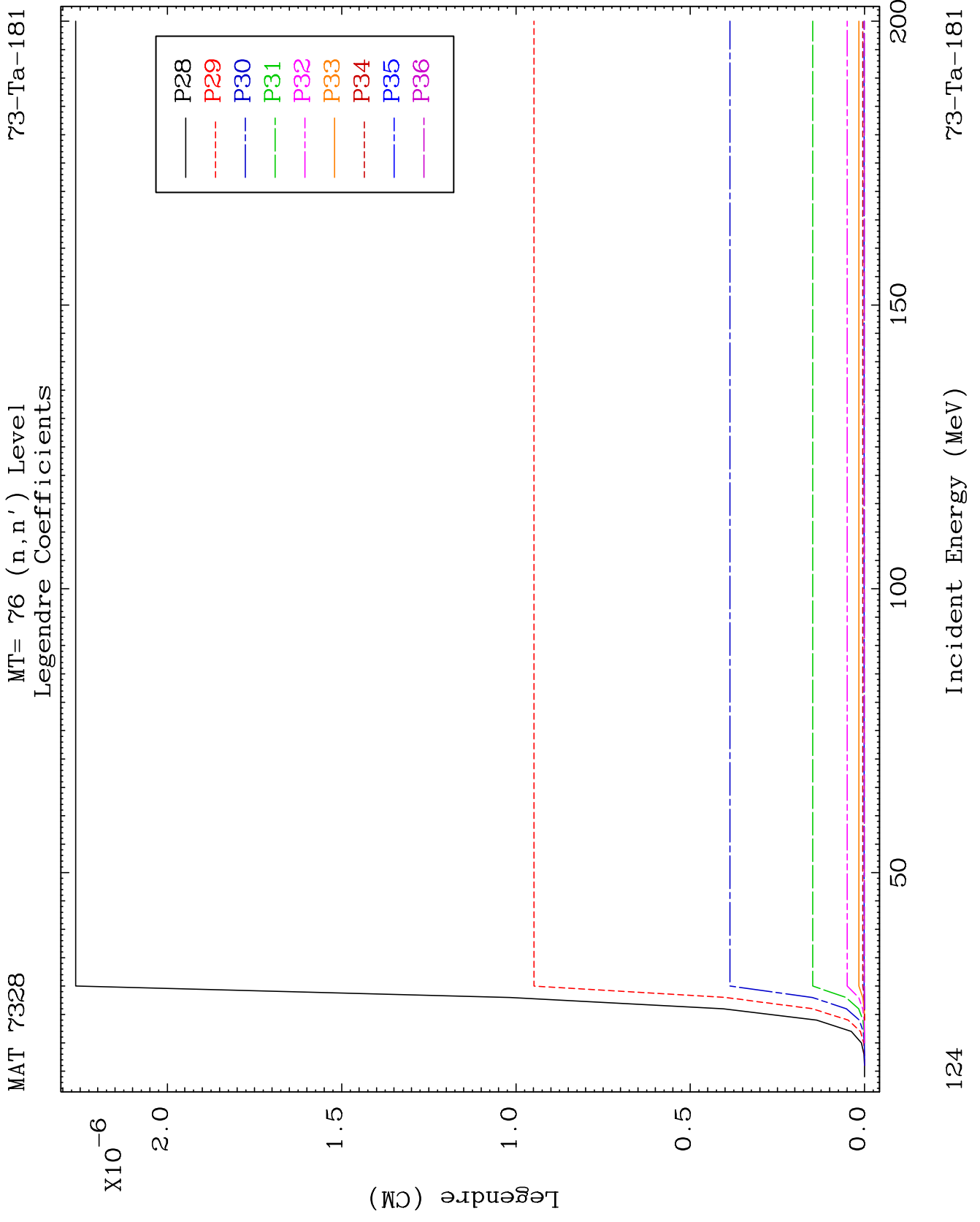
73-Ta-181

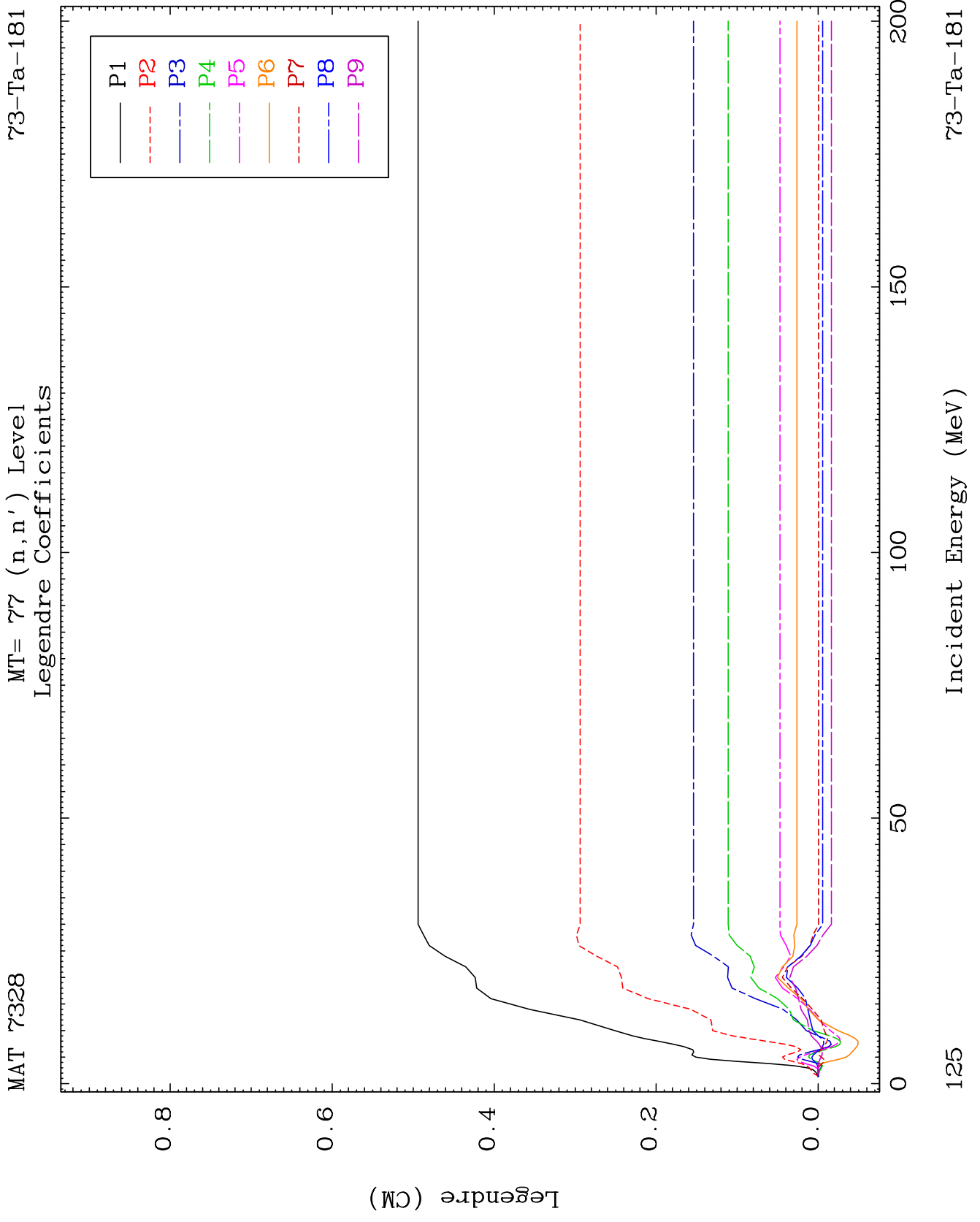


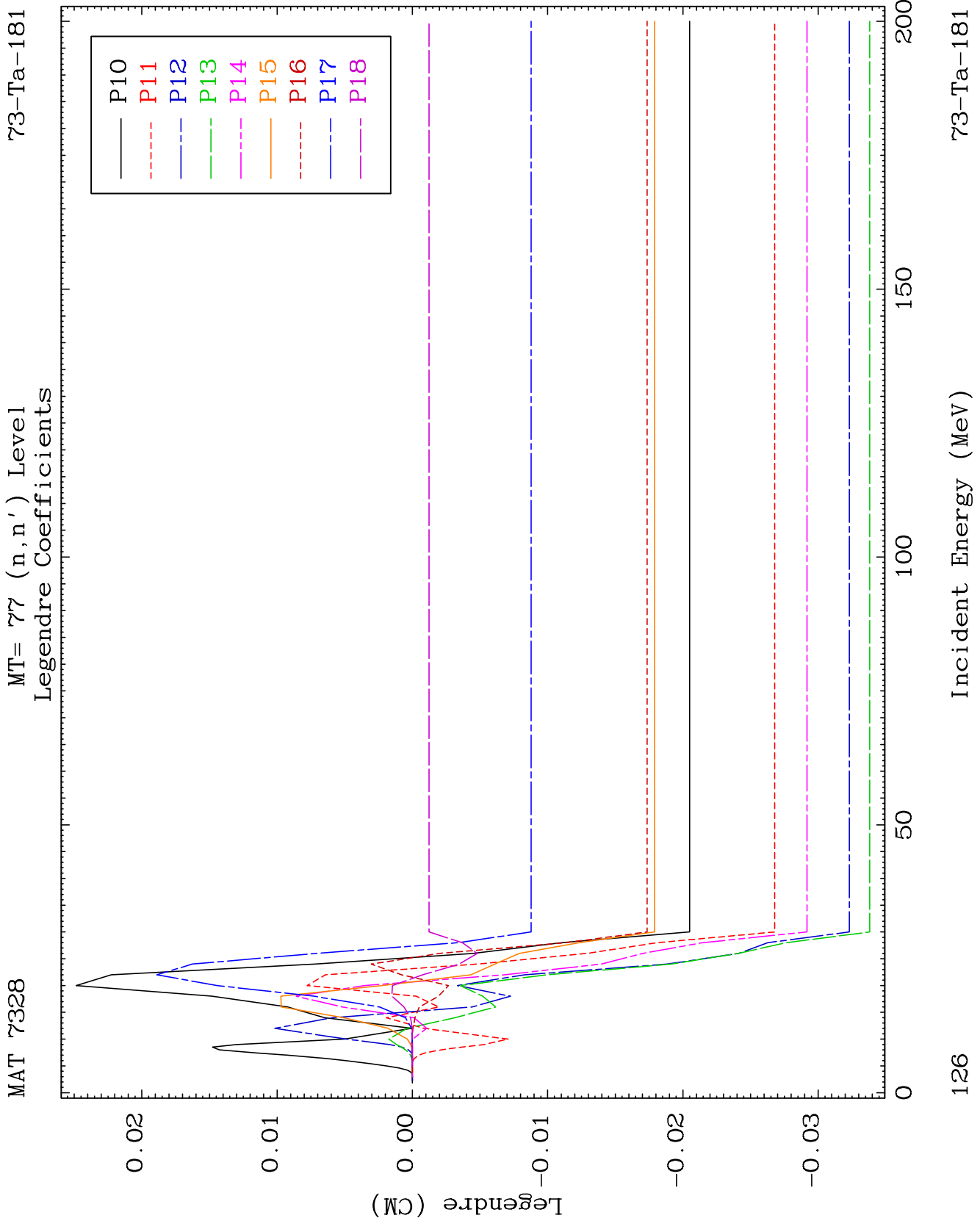
123

Incident Energy (MeV)

73-Ta-181



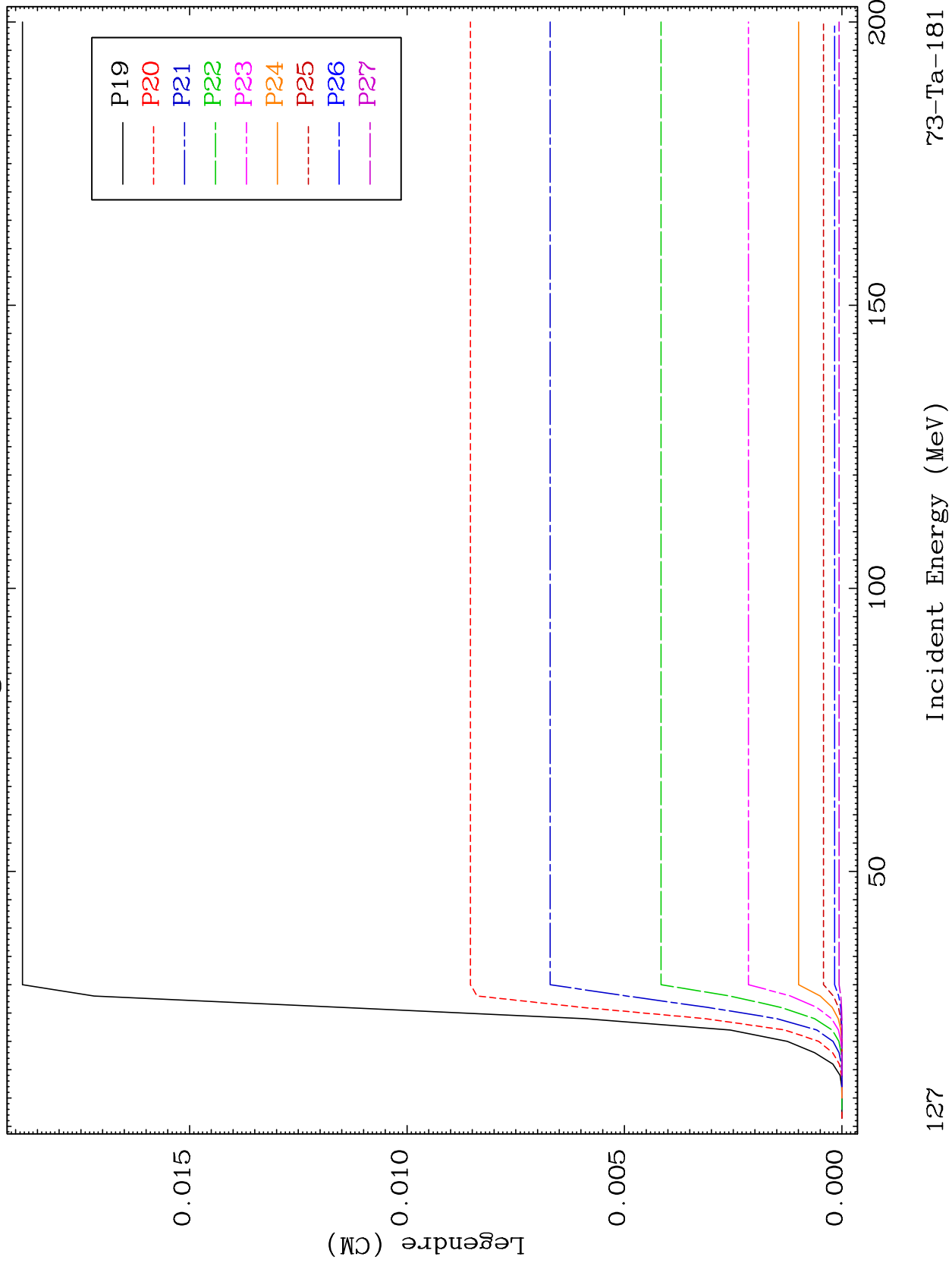




MAT 7328

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

73-Ta-181



127

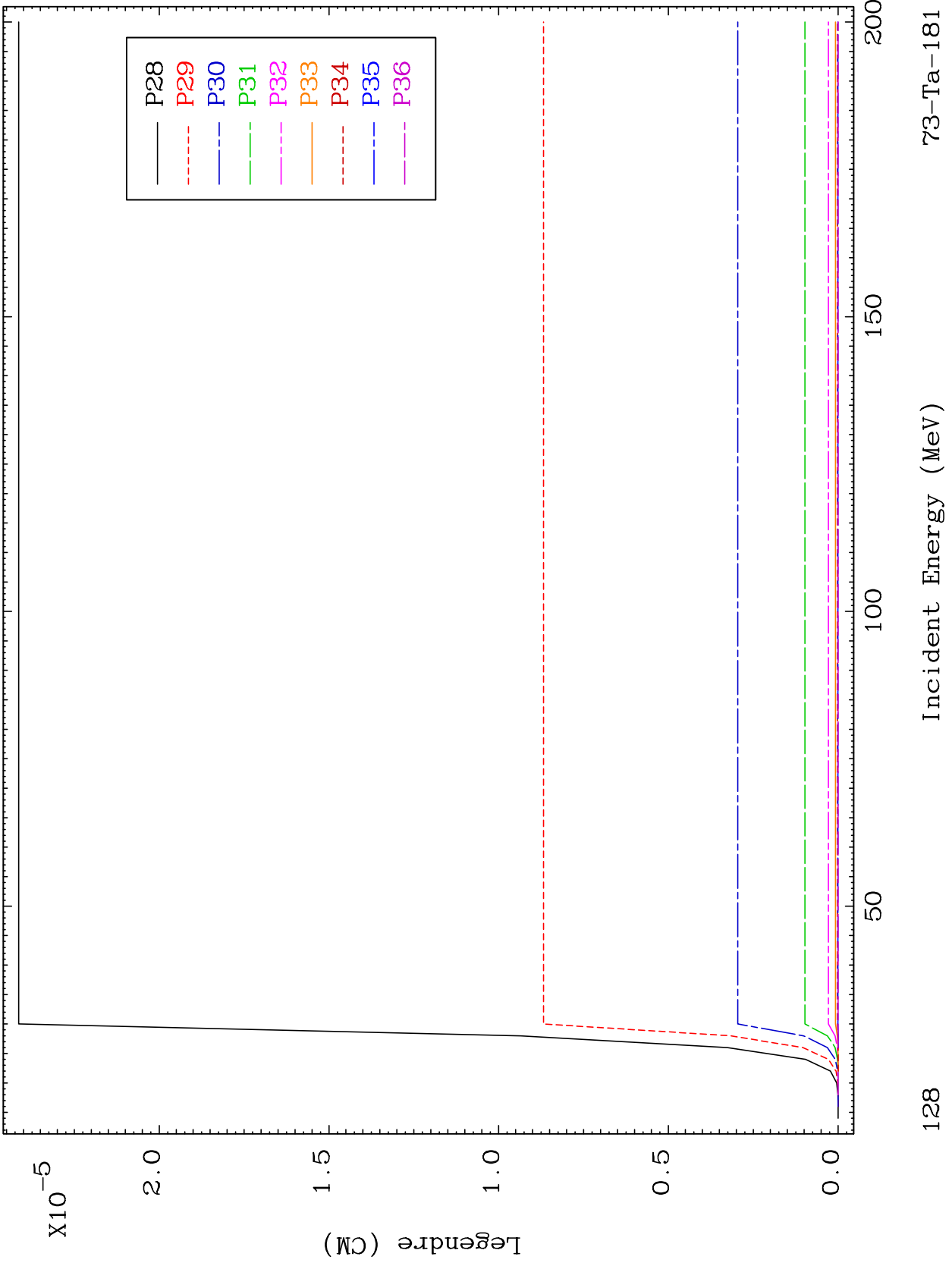
Incident Energy (MeV)

73-Ta-181

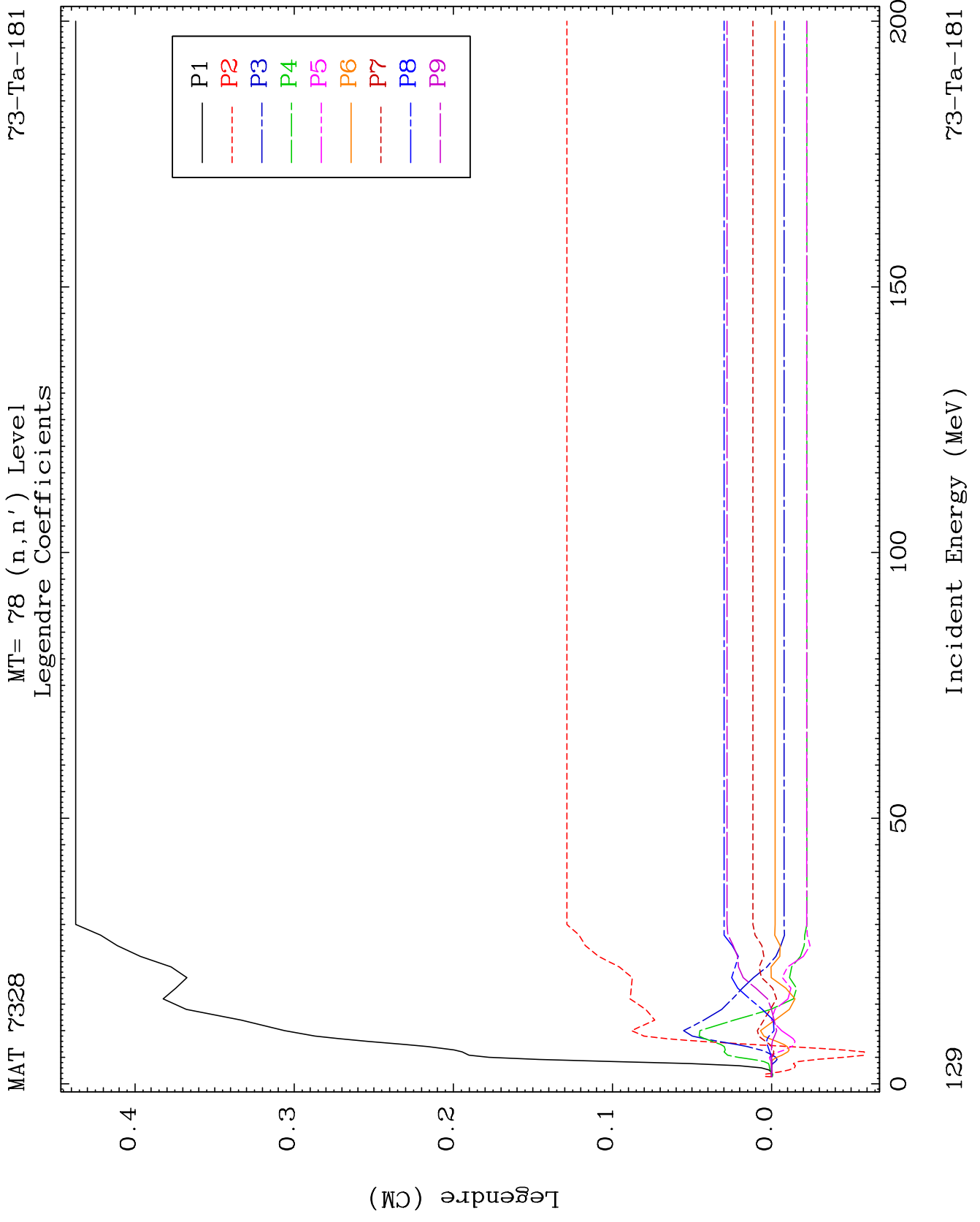
MAT 7328

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

73-Ta-181



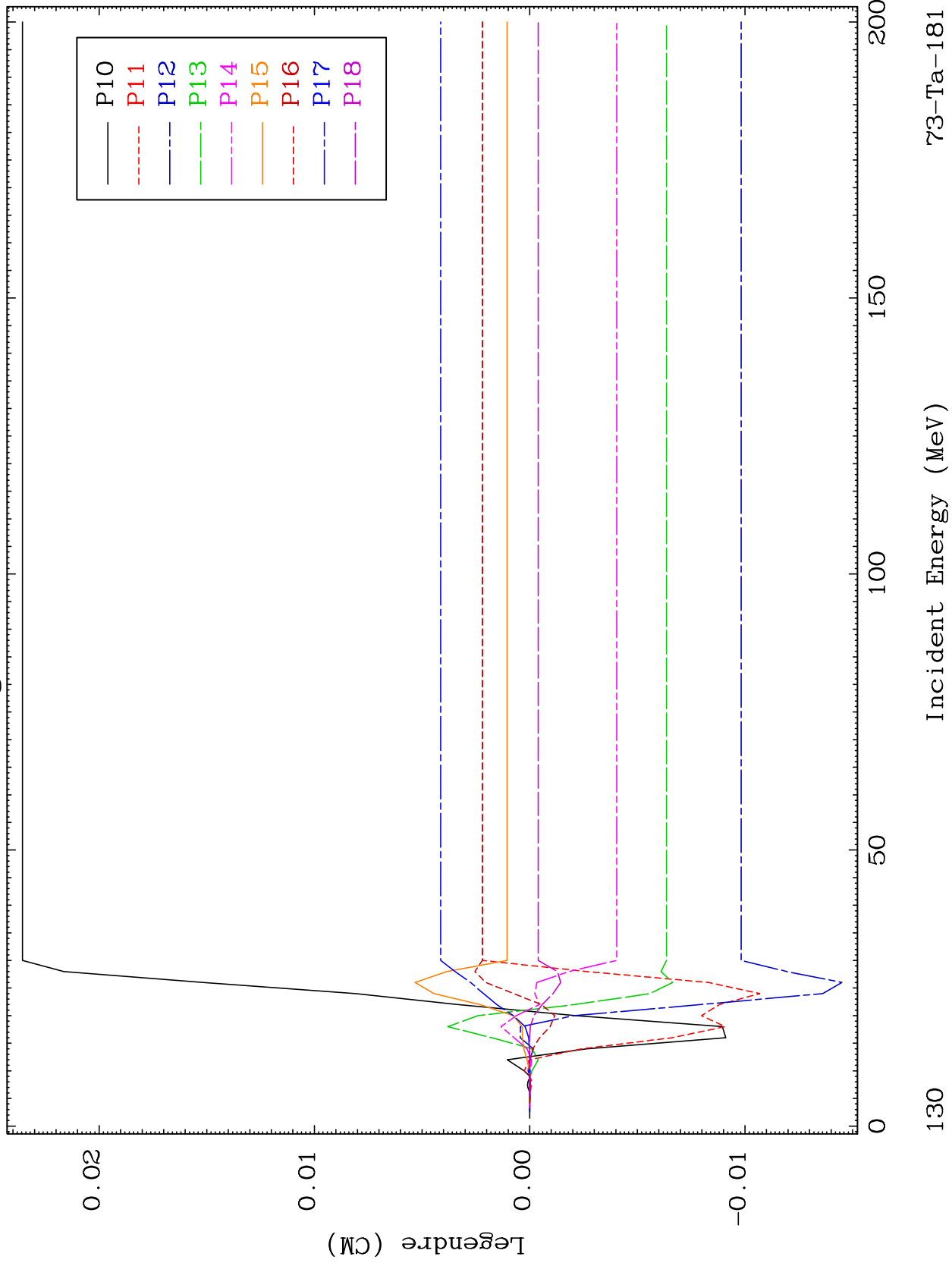
128



MAT 7328

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

73-Ta-181



73-Ta-181

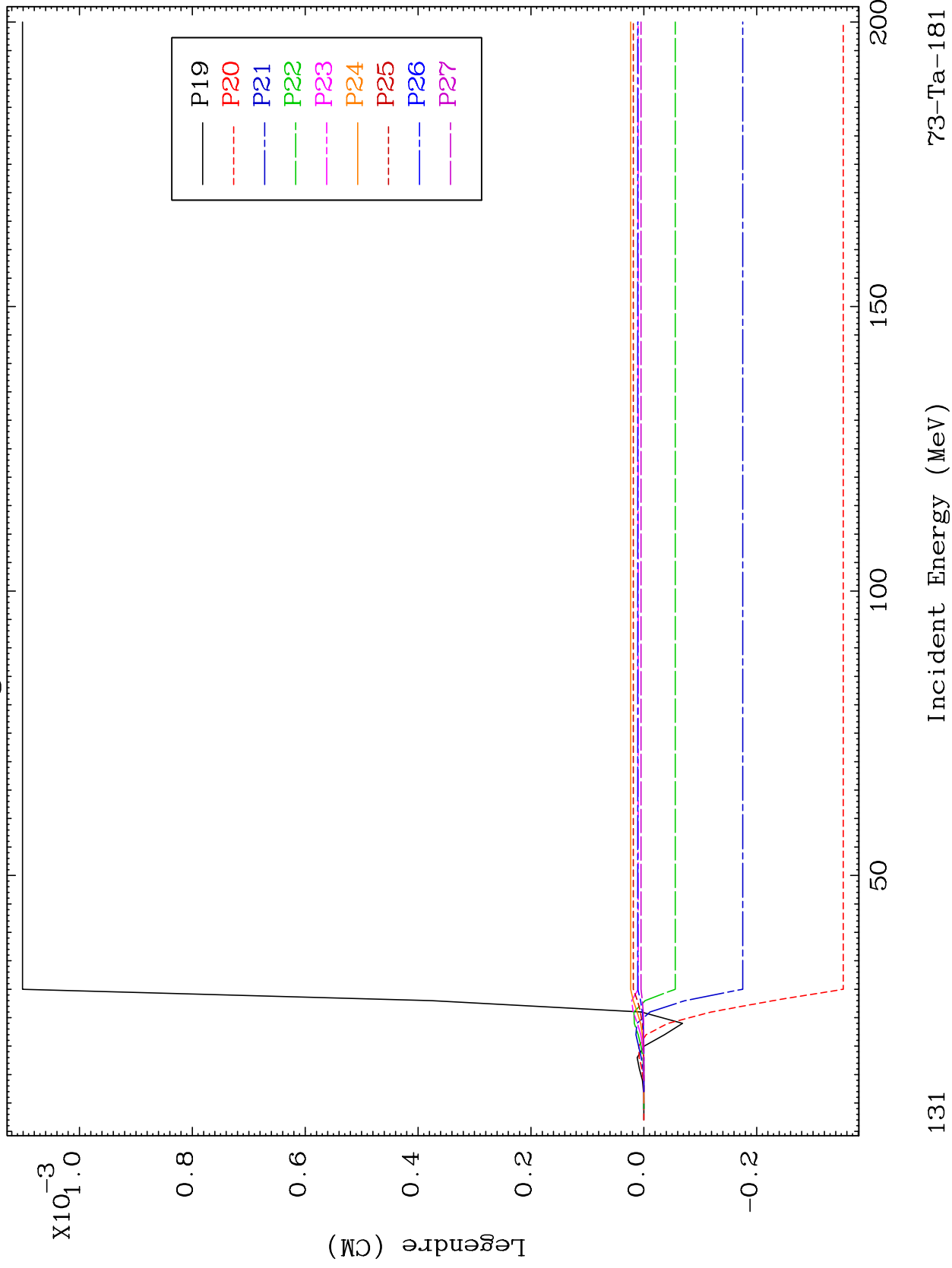
Incident Energy (MeV)

130

MAT 7328

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

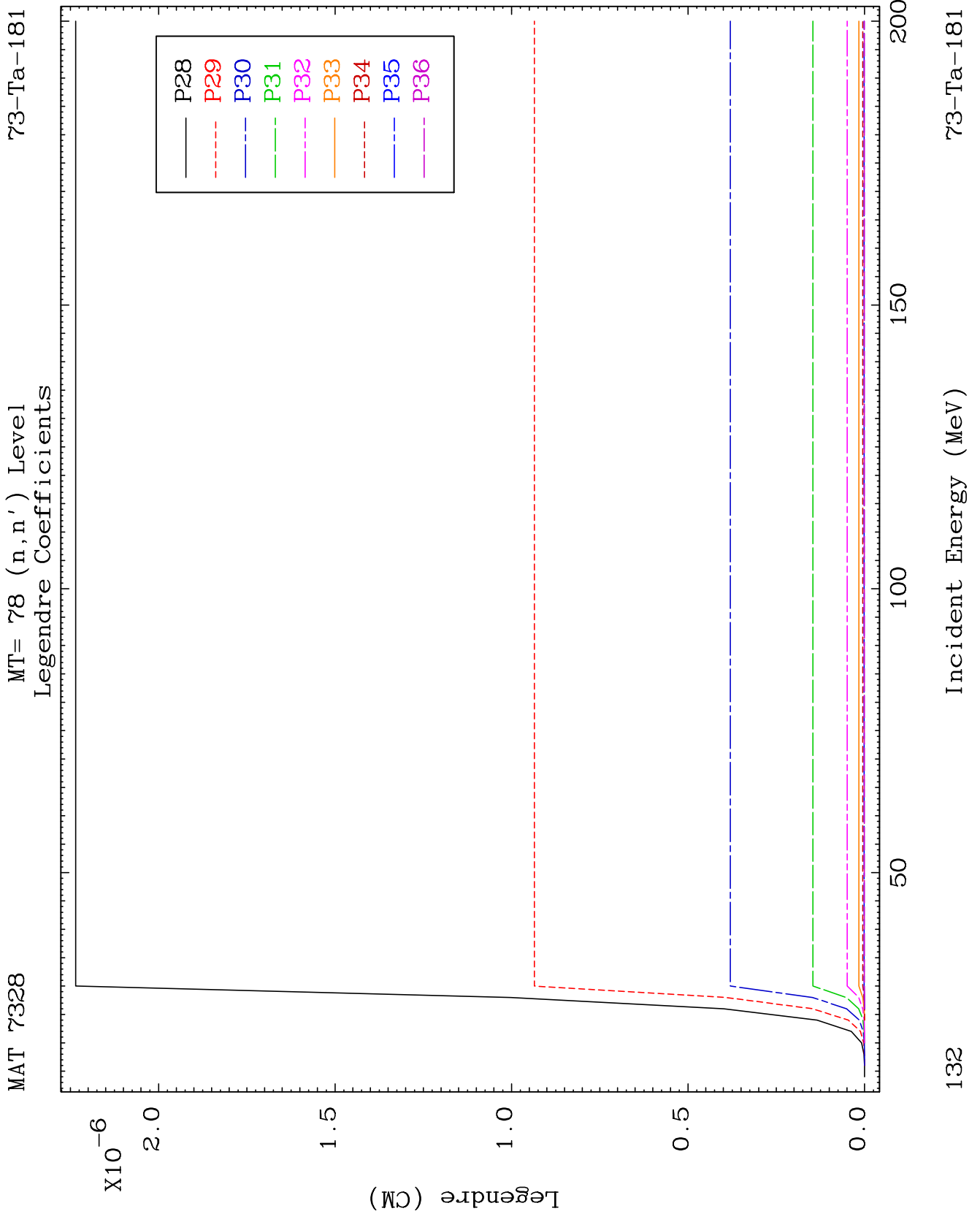
73-Ta-181



131

Incident Energy (MeV)

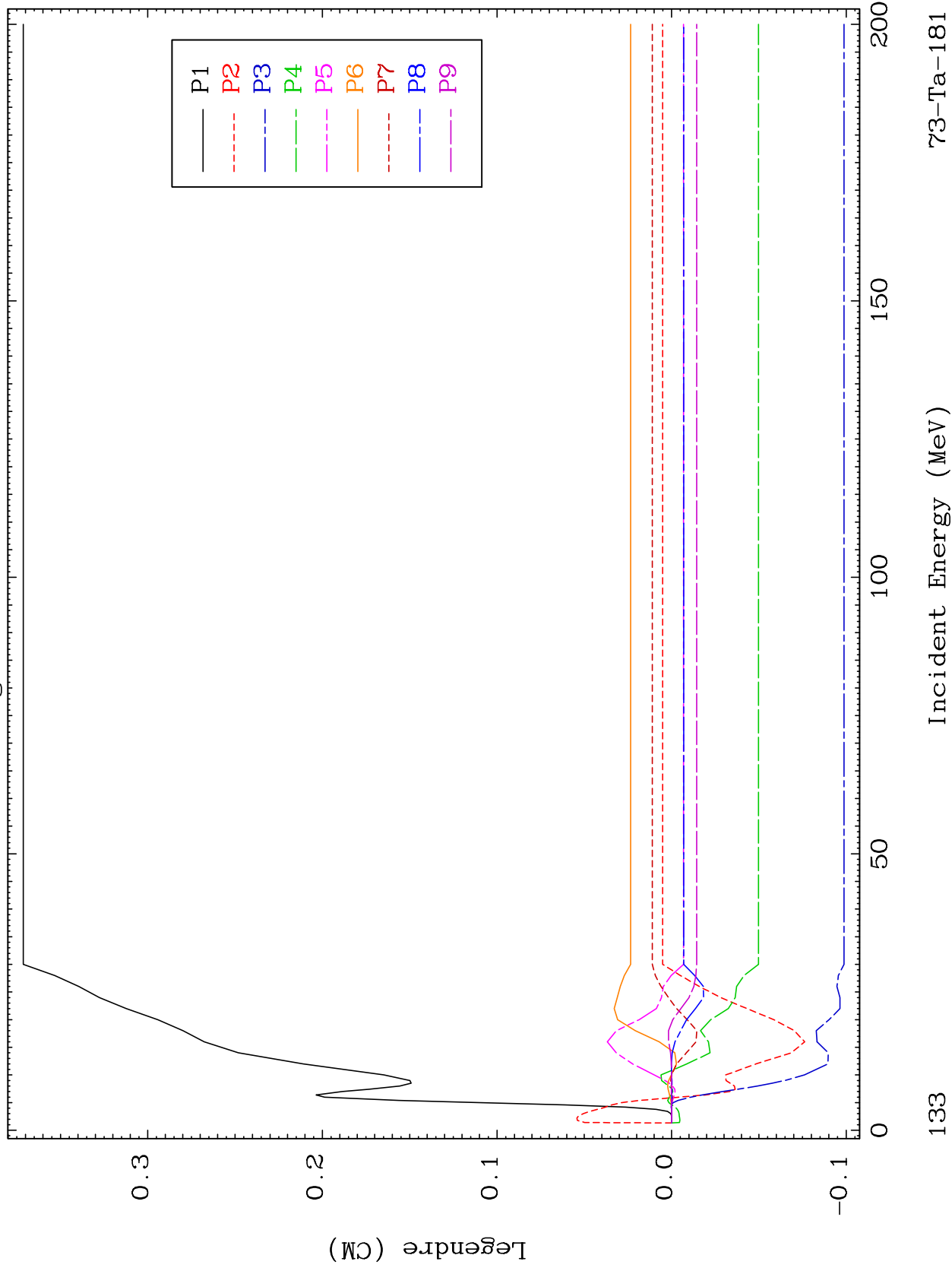
73-Ta-181



MAT 7328

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

73-Ta-181



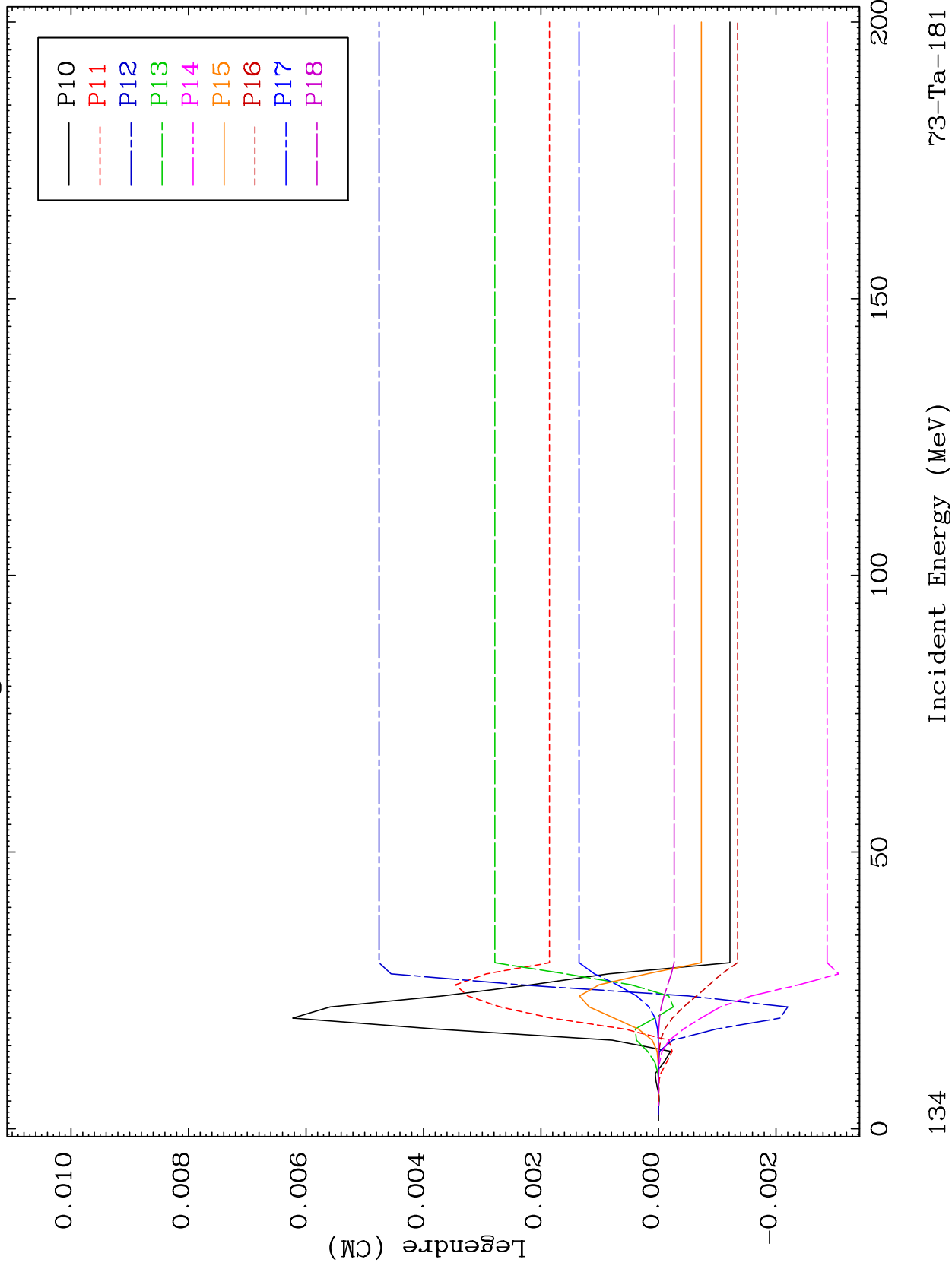
133

73-Ta-181

MAT 7328

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

73-Ta-181



134

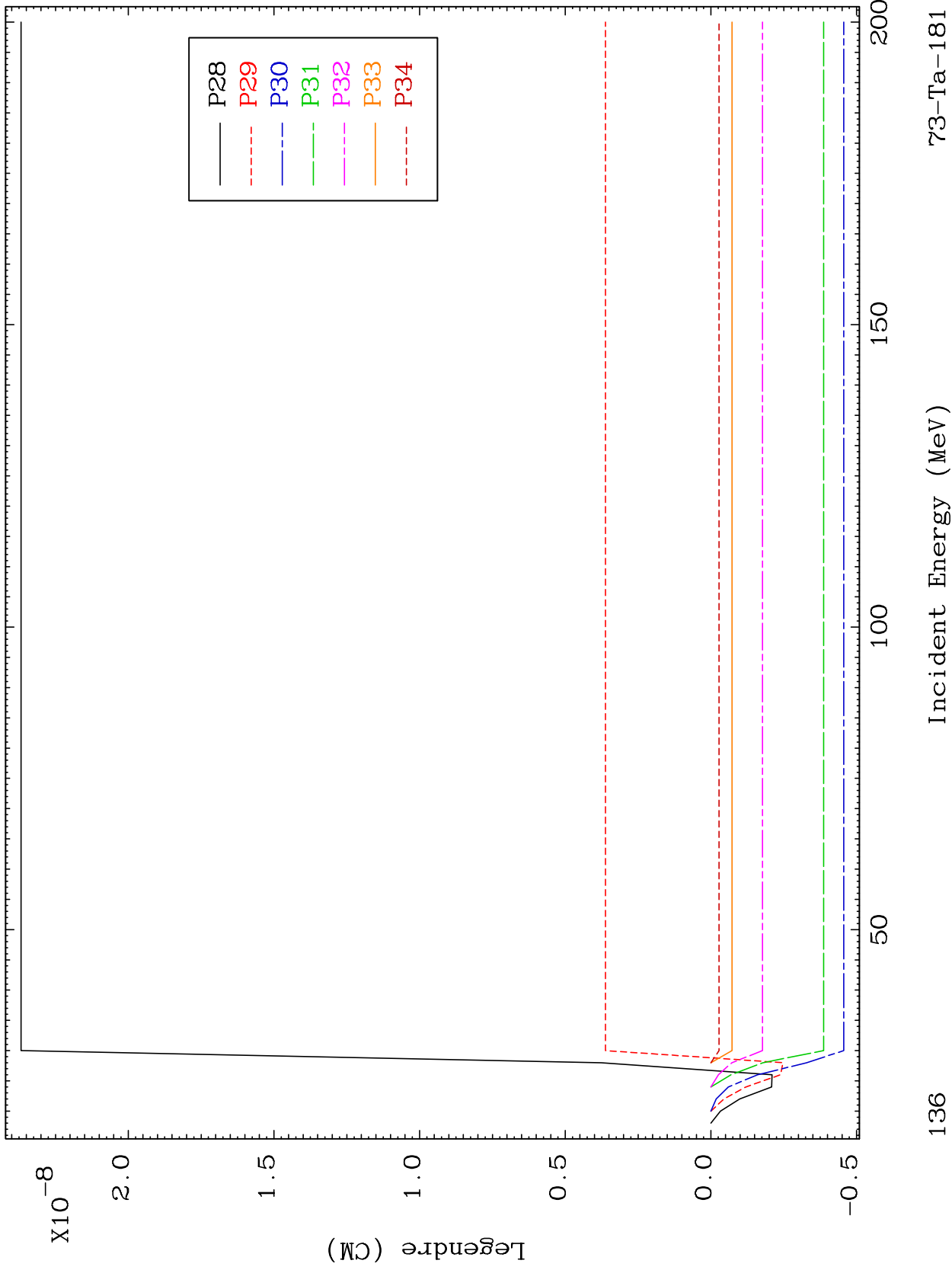
Incident Energy (MeV)

73-Ta-181

MAT 7328

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

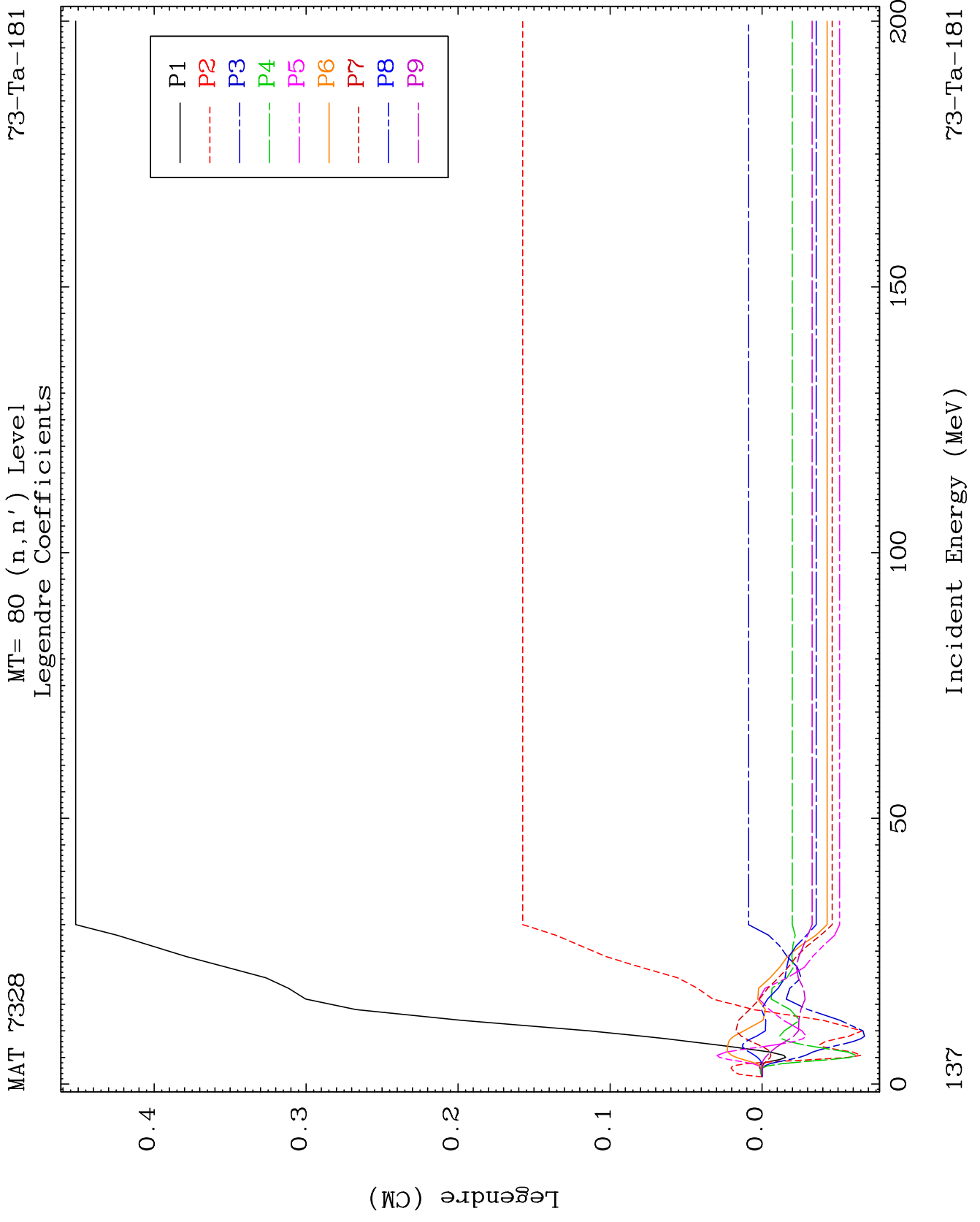
73-Ta-181



136

Incident Energy (MeV)

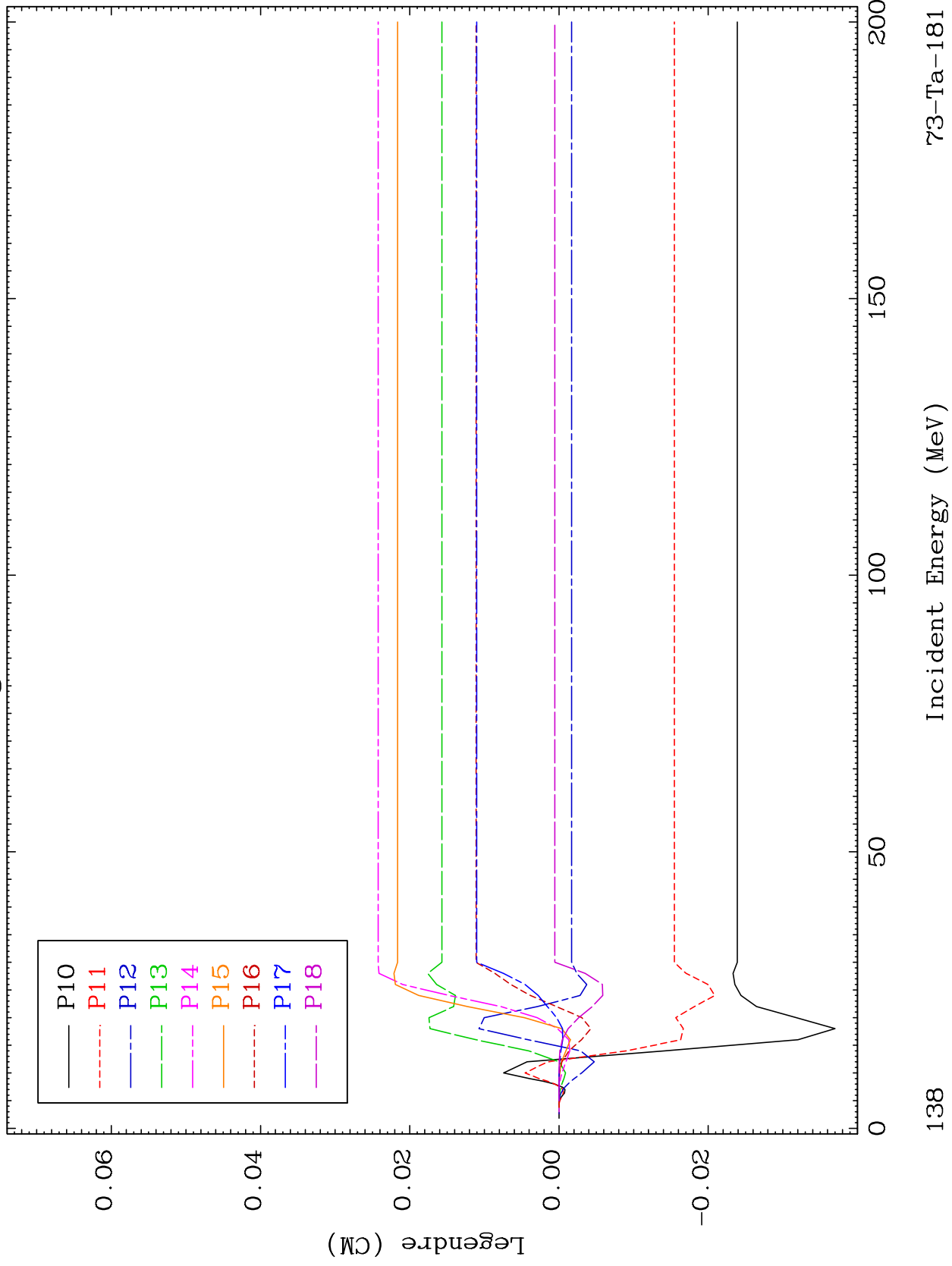
73-Ta-181



MAT 7328

MT= 80 (n,n') Level
Legendre Coefficients

⁷³Ta-181



138

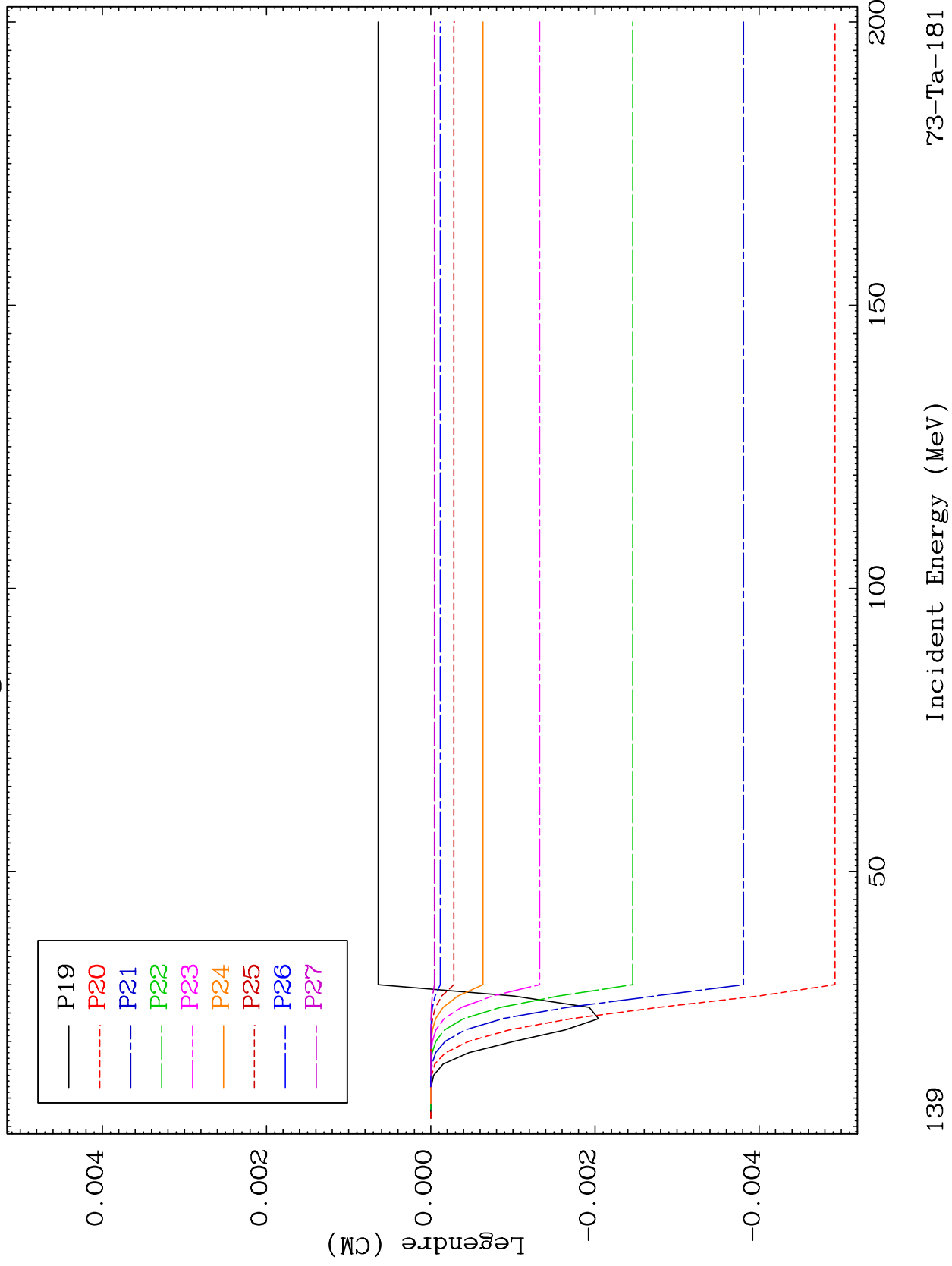
Incident Energy (MeV)

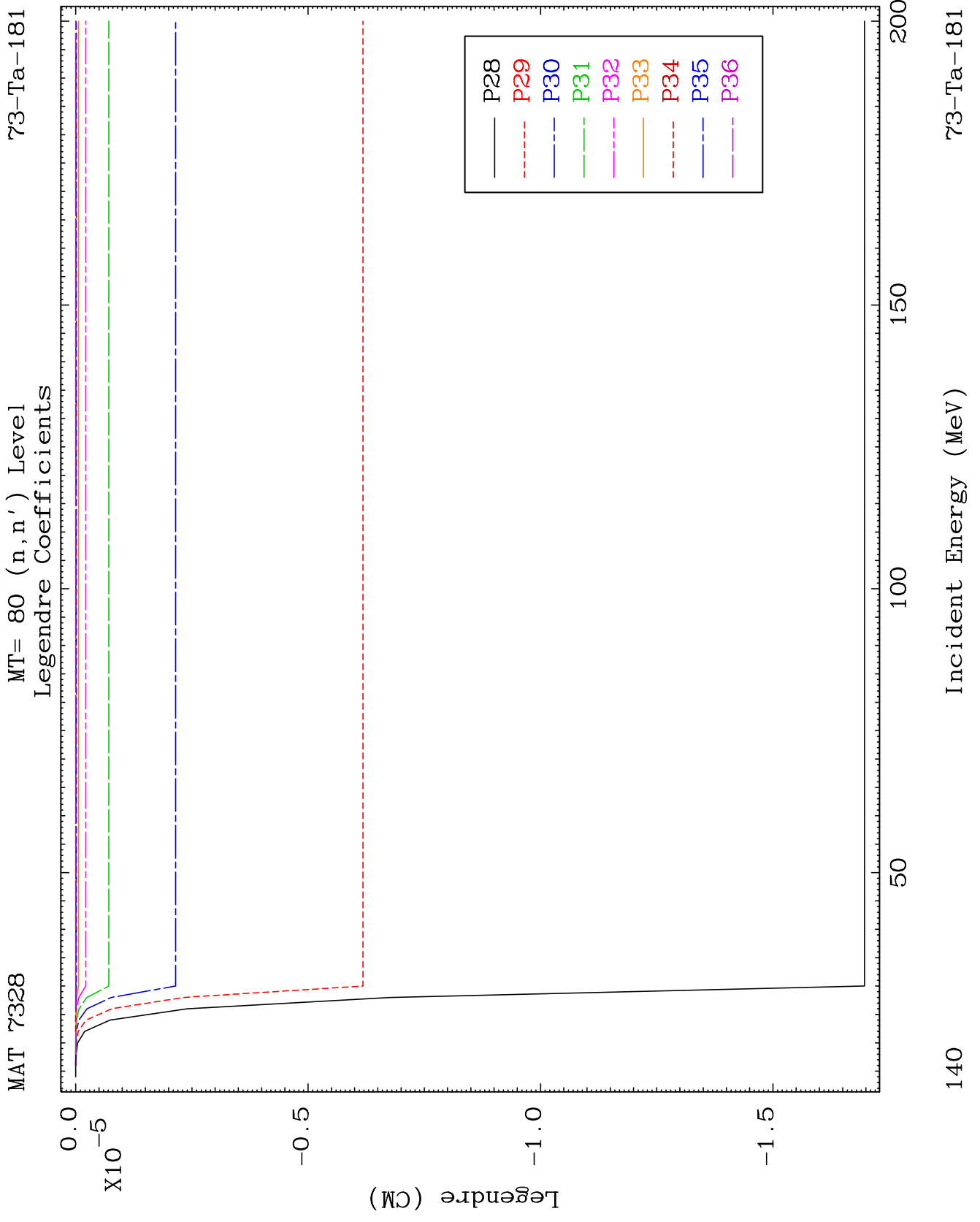
⁷³Ta-181

MAT 7328

73-Ta-181

MT= 80 (n,n') Level
Legendre Coefficients



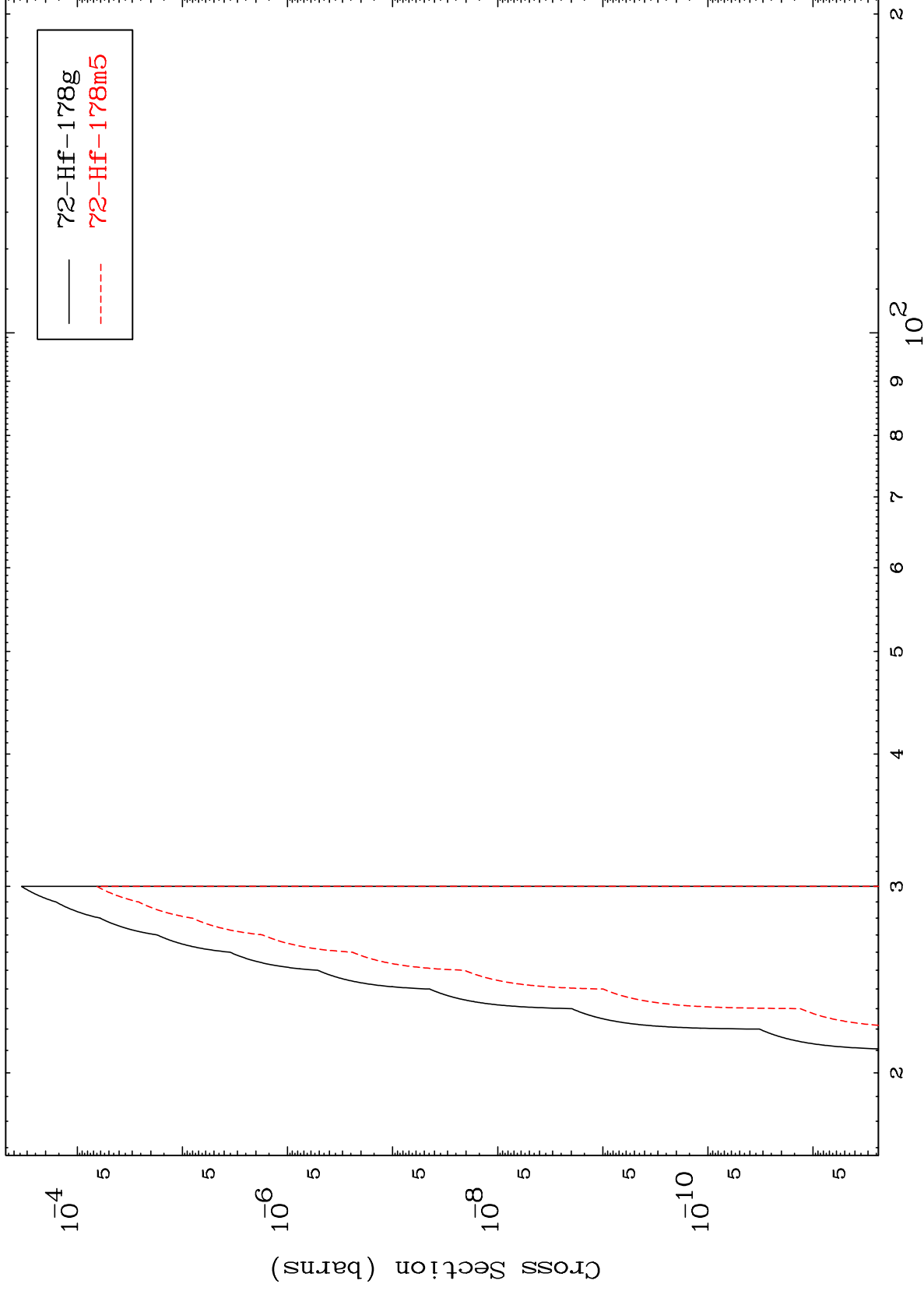


MAT 7328

(n,2n) d

73-Ta-181

Radionuclide Production Cross Section



141

Incident Energy (MeV)

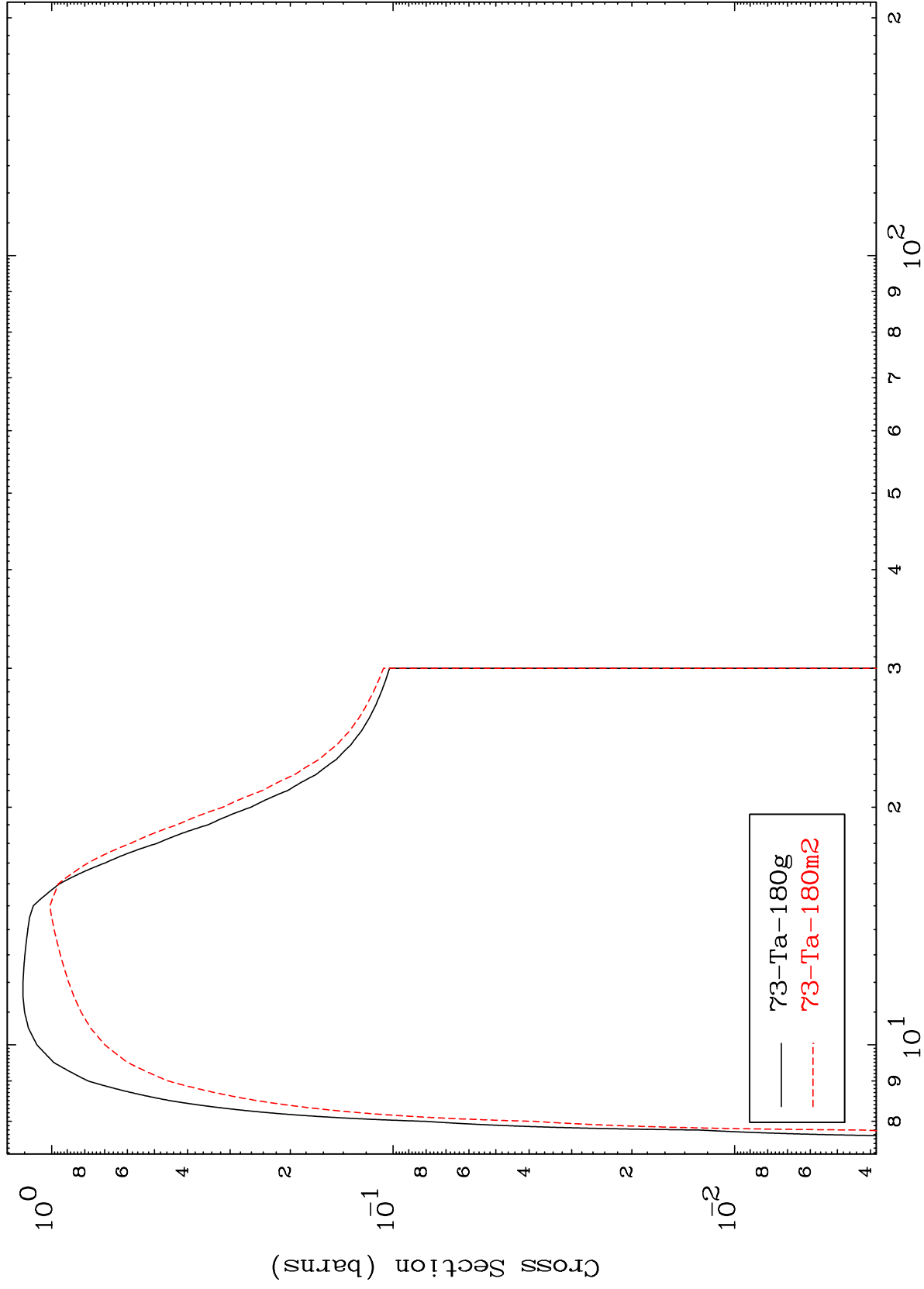
73-Ta-181

MAT 7328

(n,2n)

⁷³Ta-181

Radionuclide Production Cross Section



142

Incident Energy (MeV)

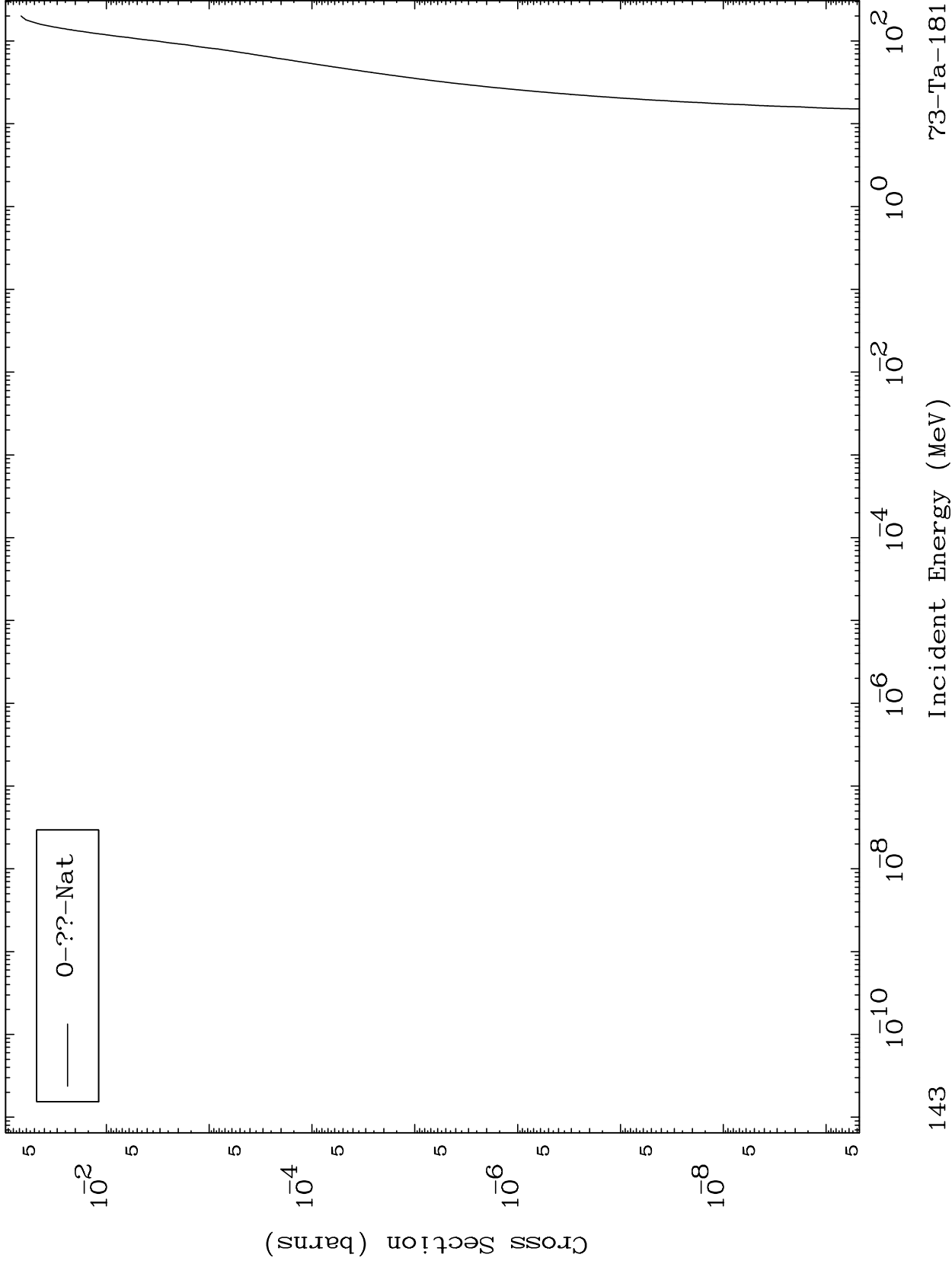
⁷³Ta-181

MAT 7328

Fission

⁷³Ta-181

Radionuclide Production Cross Section



143

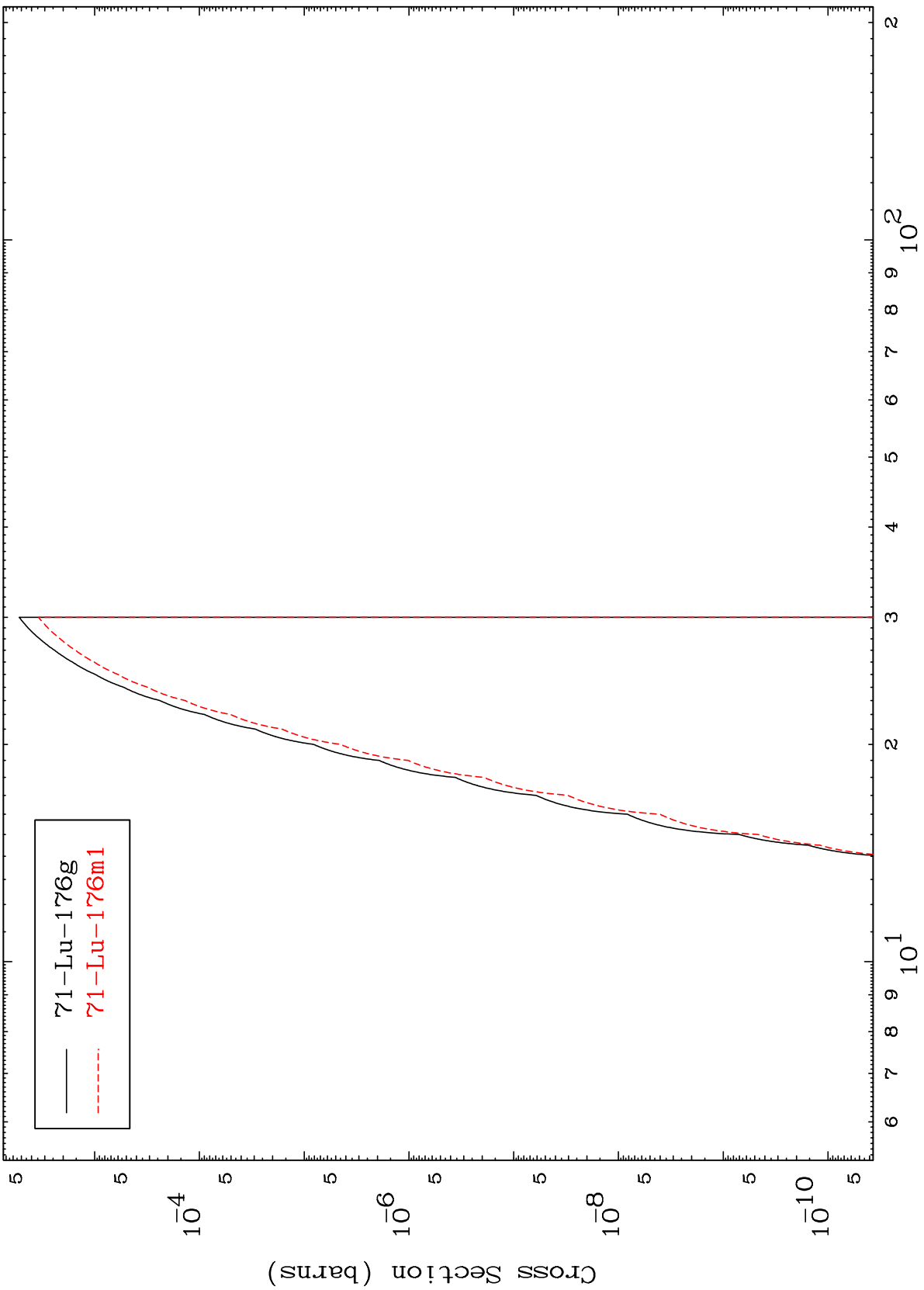
⁷³Ta-181

MAT 7328

73-Ta-181

(n,2n) α

Radionuclide Production Cross Section



144

Incident Energy (MeV)

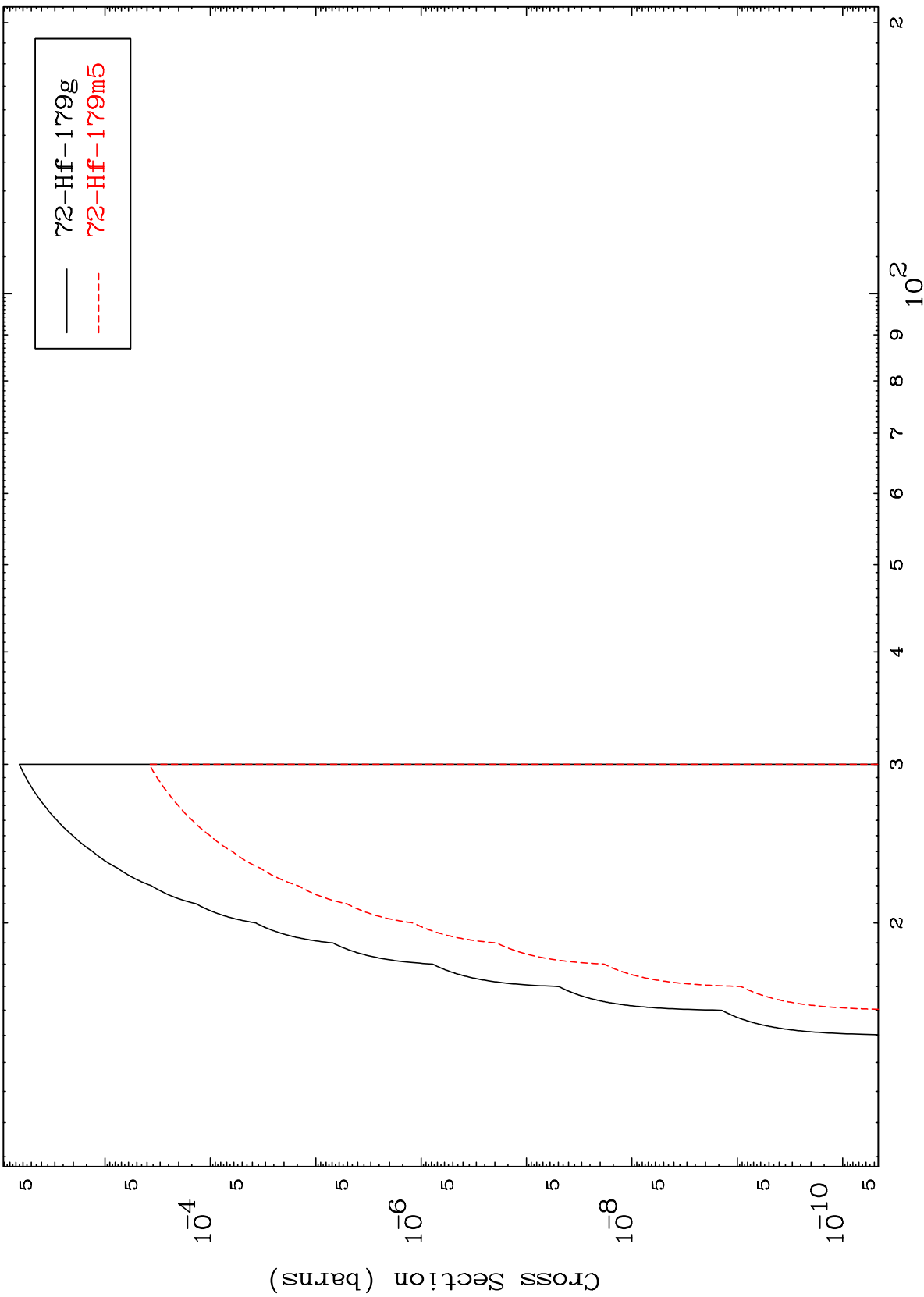
73-Ta-181

MAT 7328

(n,n') d

73-Ta-181

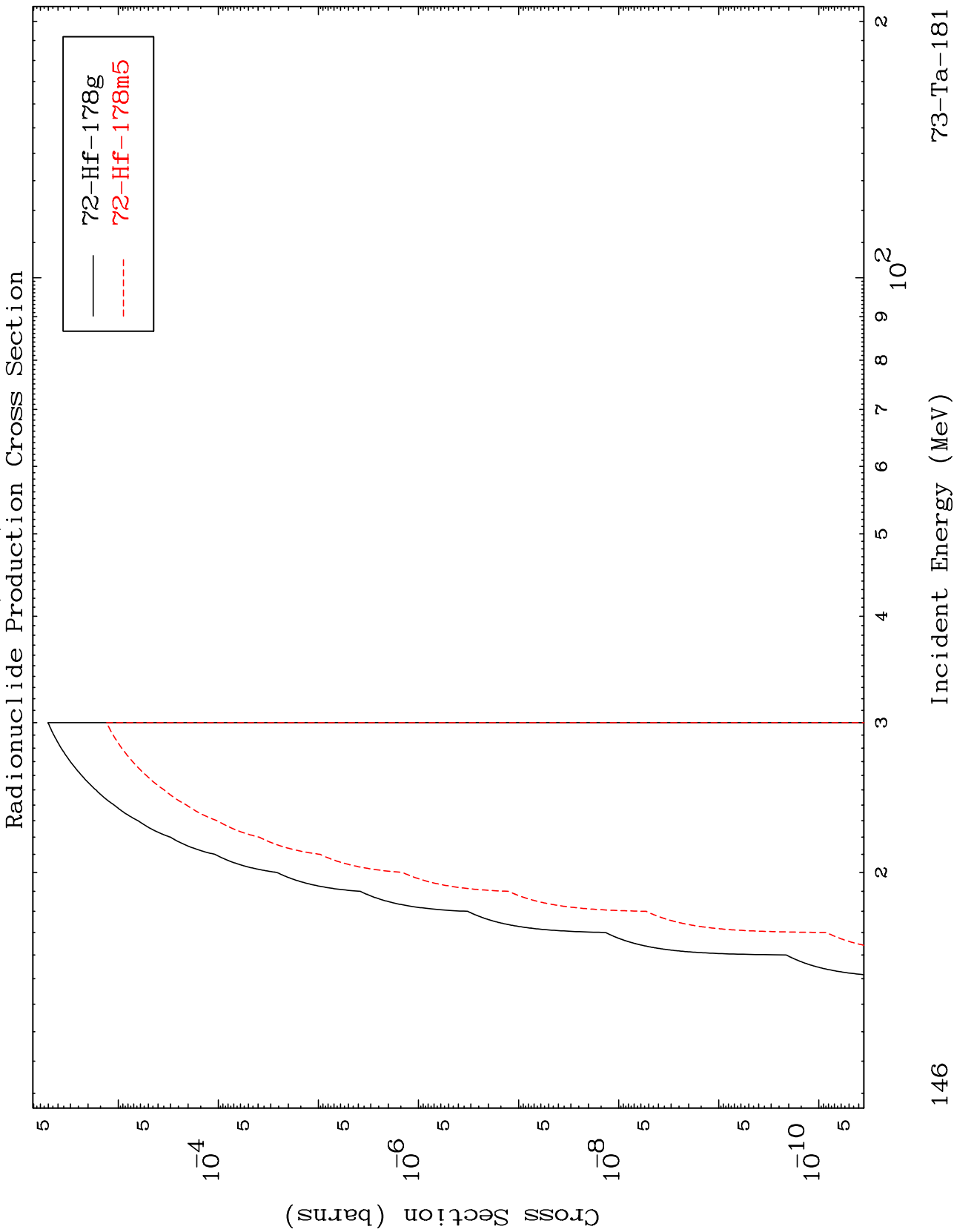
Radionuclide Production Cross Section



145

Incident Energy (MeV)

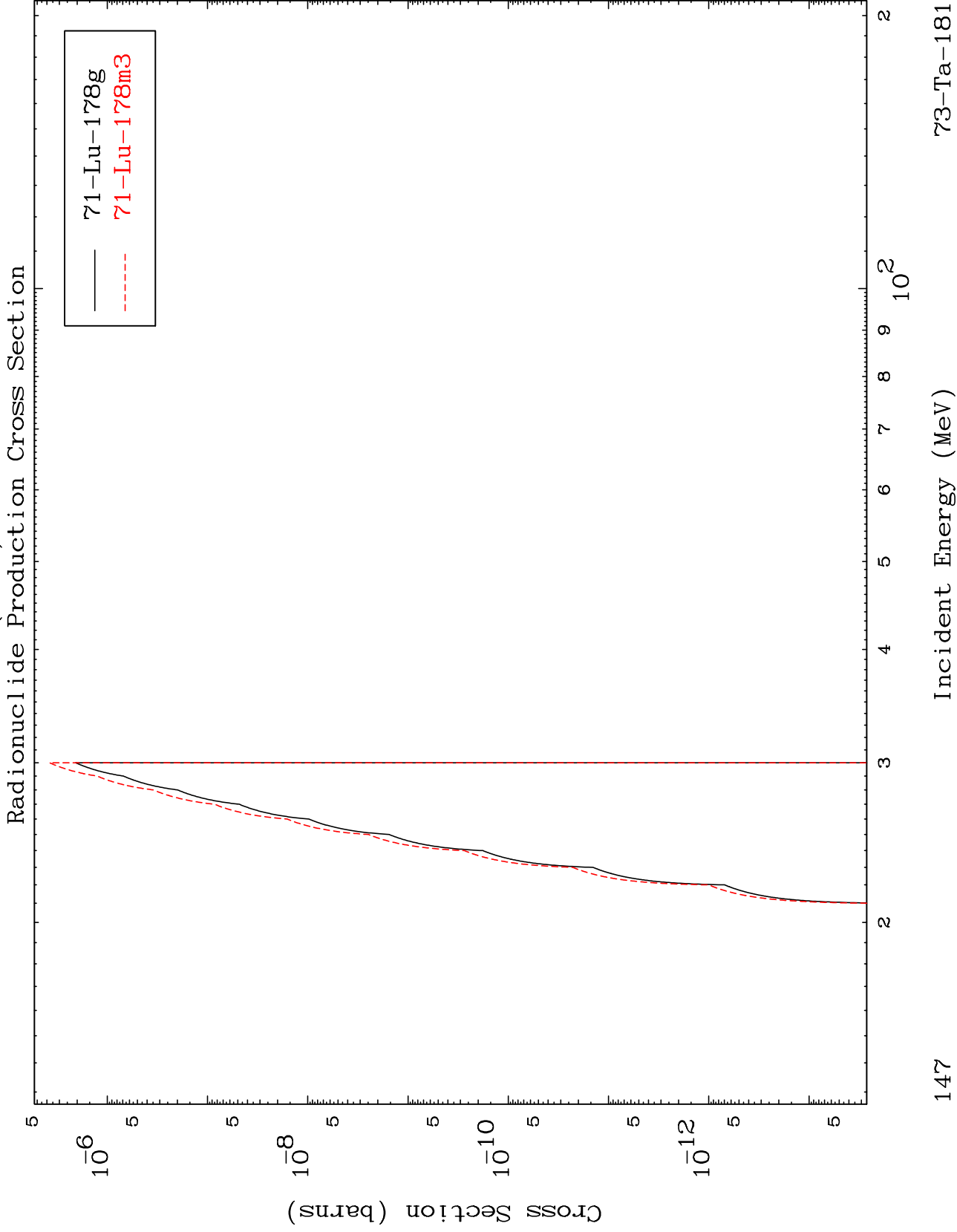
73-Ta-181



MAT 7328

(n,n') He-3

73-Ta-181



147

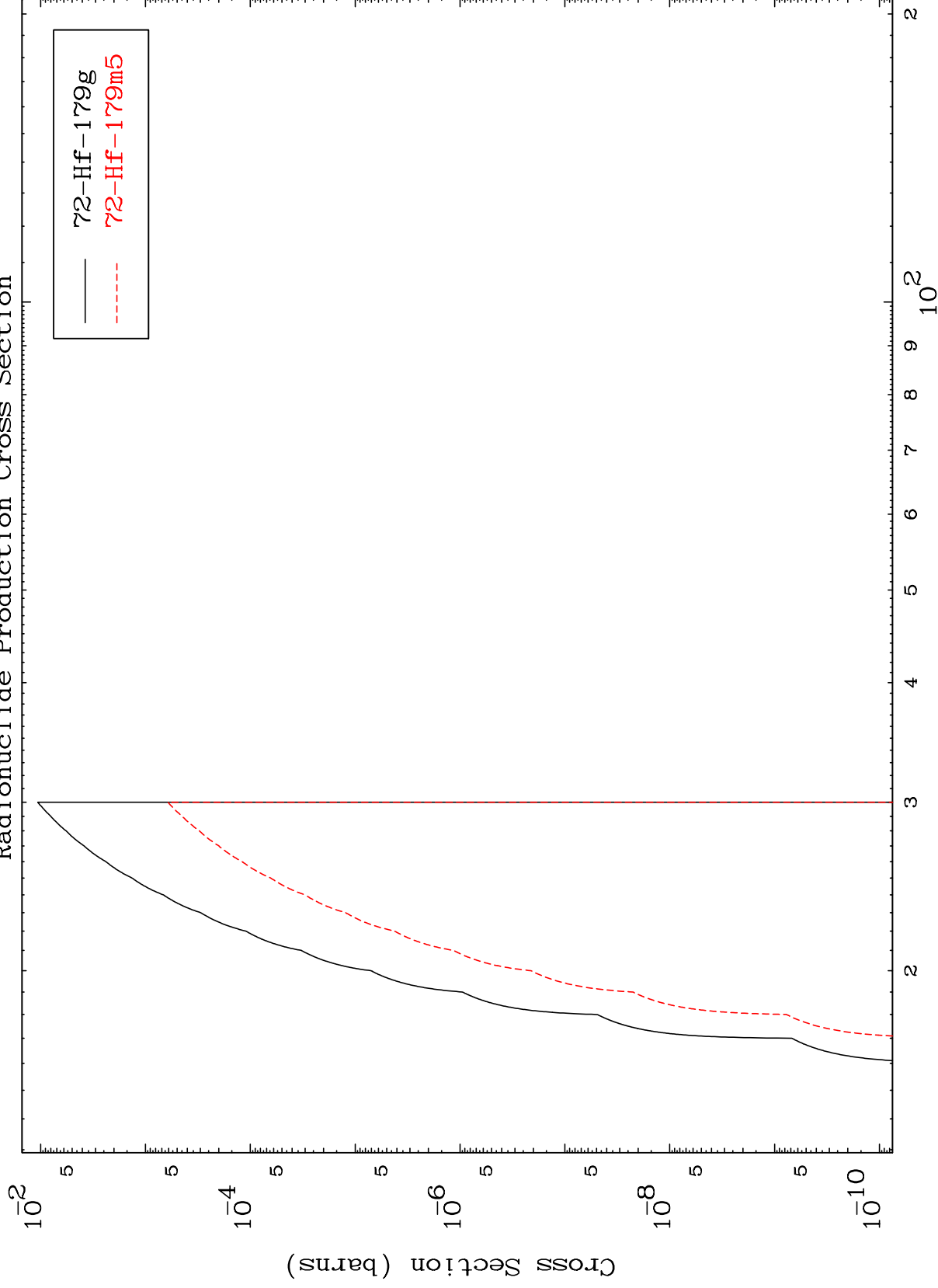
73-Ta-181

MAT 7328

(n,2n) p

73-Ta-181

Radionuclide Production Cross Section



148

Incident Energy (MeV)

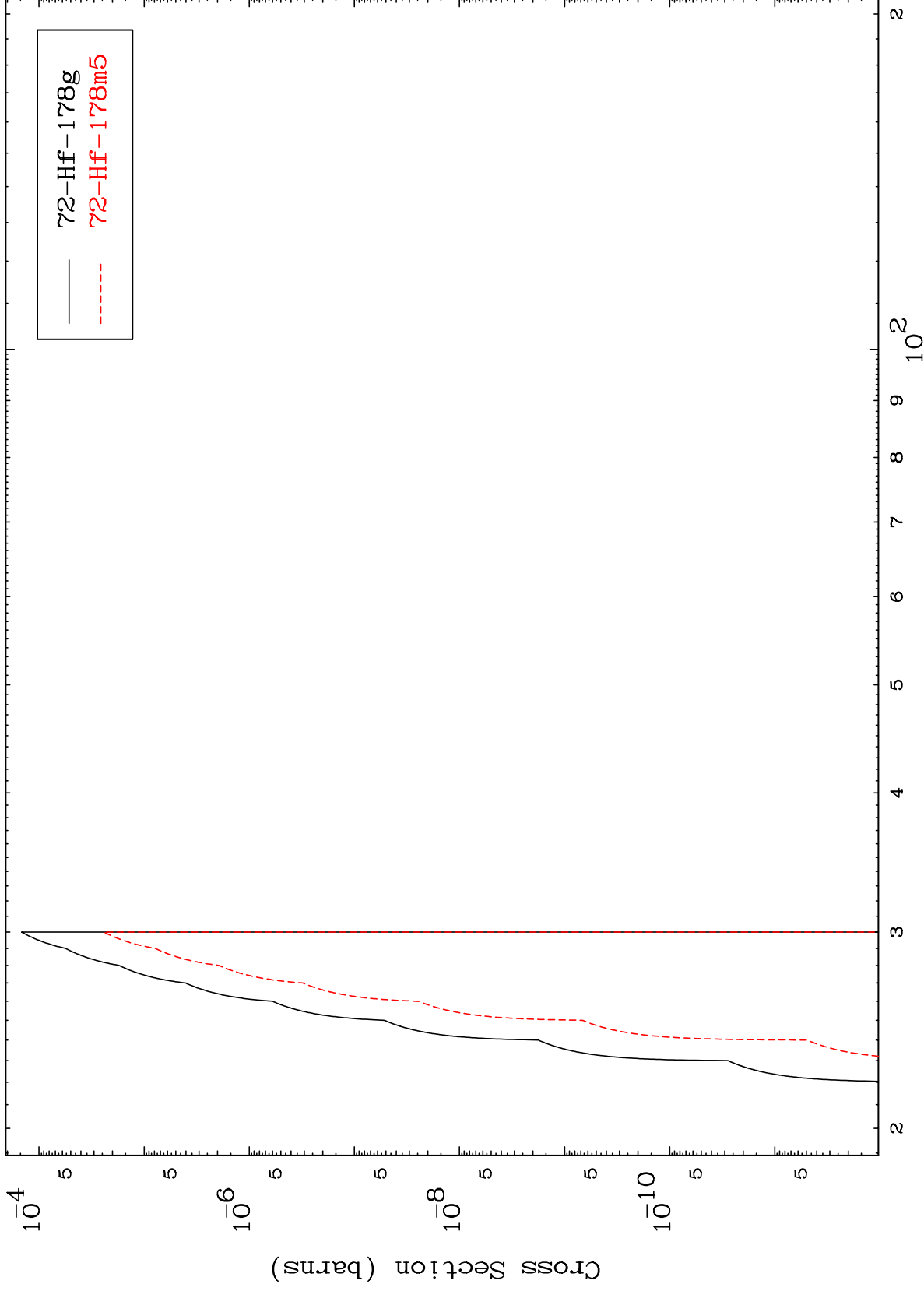
73-Ta-181

MAT 7328

(n,3n) p

73-Ta-181

Radionuclide Production Cross Section



149

Incident Energy (MeV)

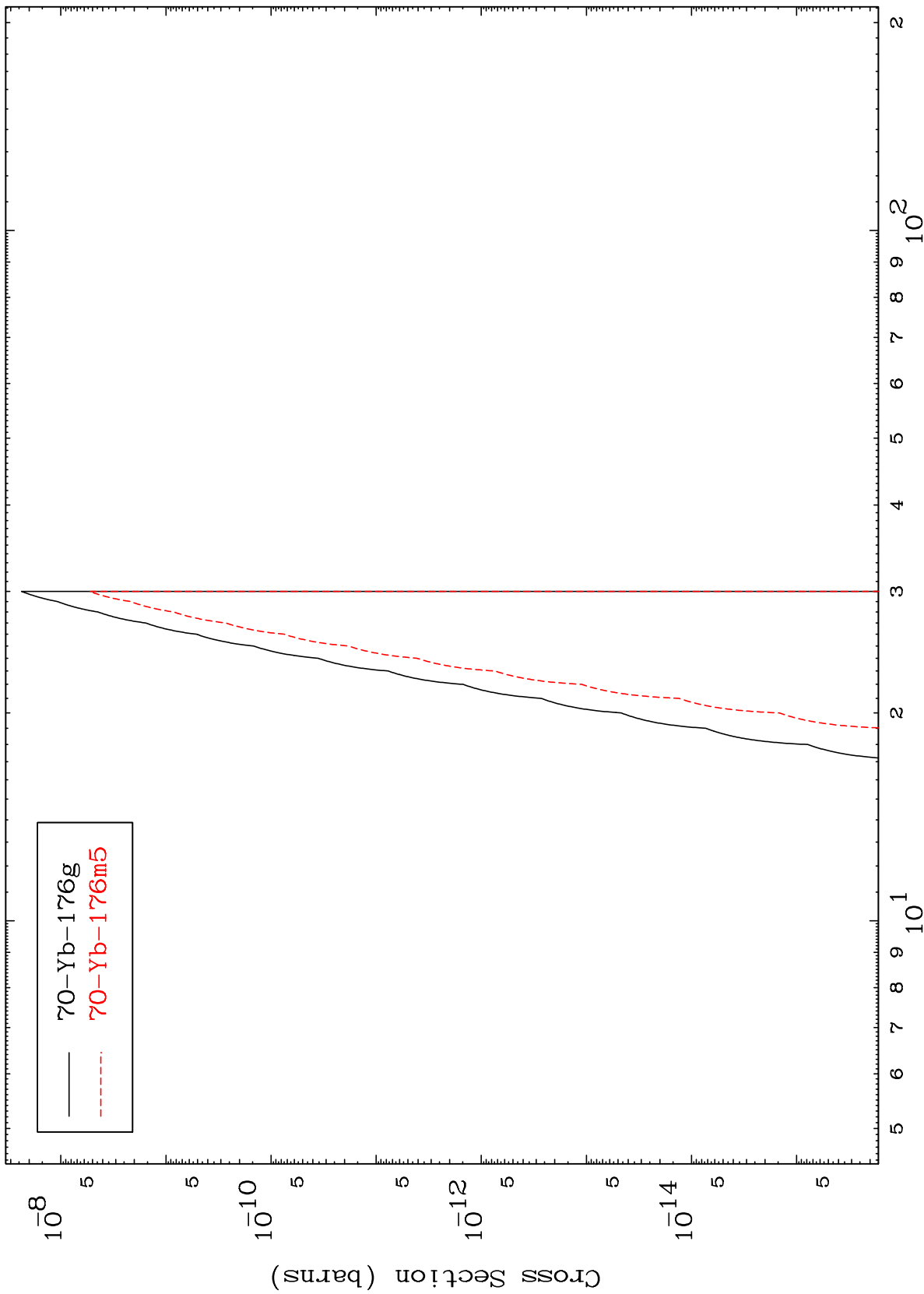
73-Ta-181

MAT 7328

(n,n') p α

73-Ta-181

Radionuclide Production Cross Section



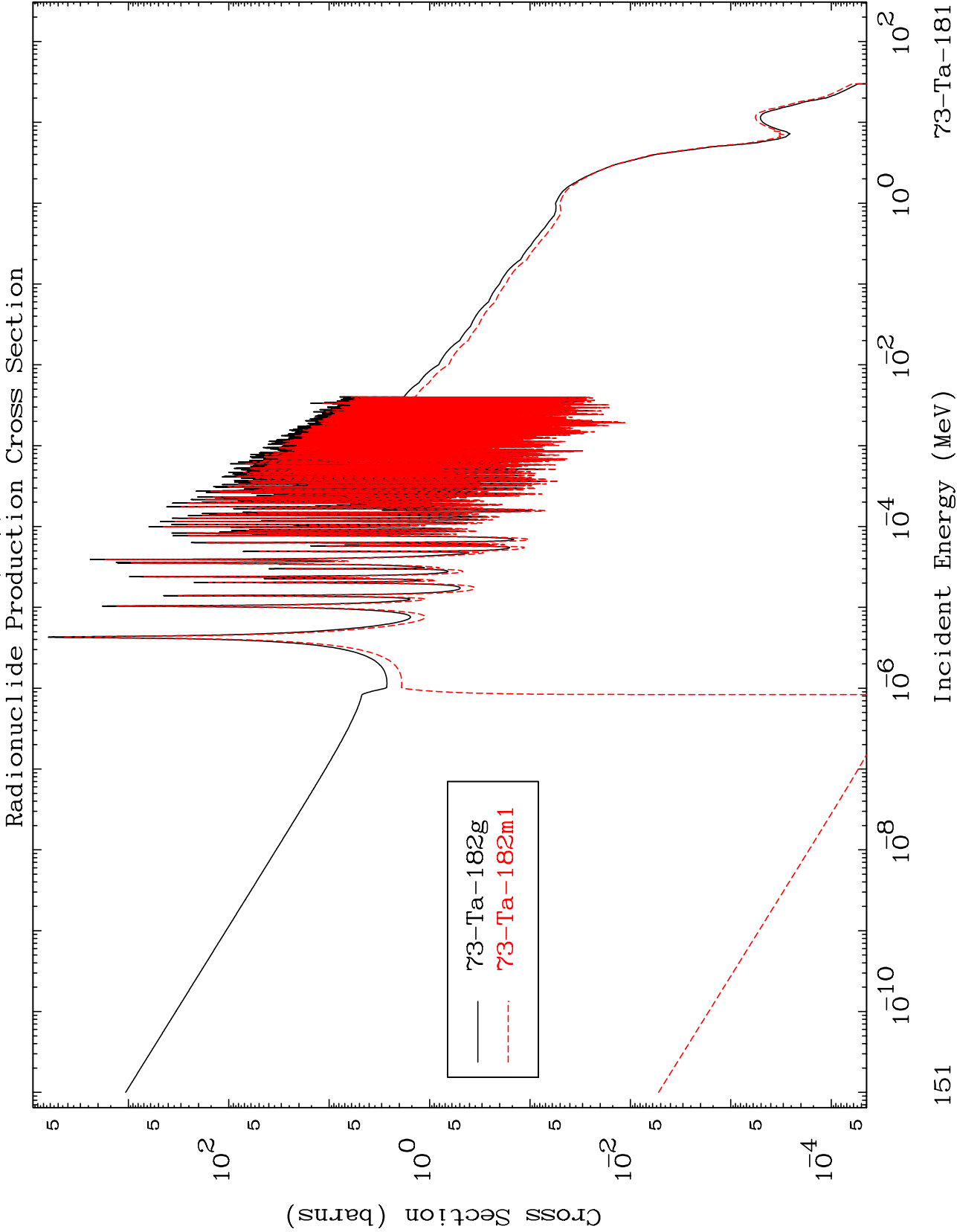
150

Incident Energy (MeV)

73-Ta-181

MAT 7328

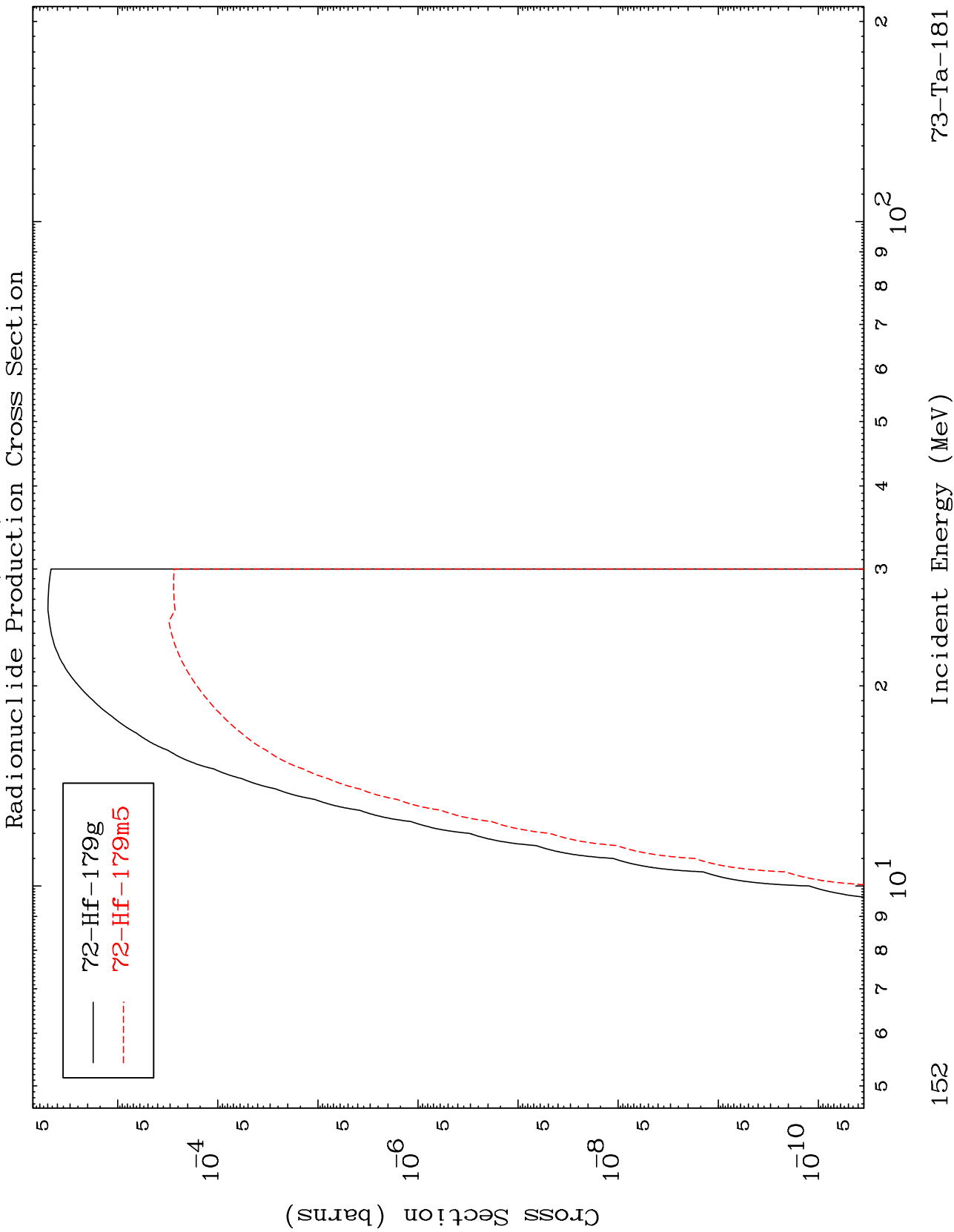
⁷³Ta-181



— 73-Ta-182g
- - - 73-Ta-182m1

MAT 7328

⁷³Ta-181



— ⁷²Hf-179g
- - - ⁷²Hf-179m5

152

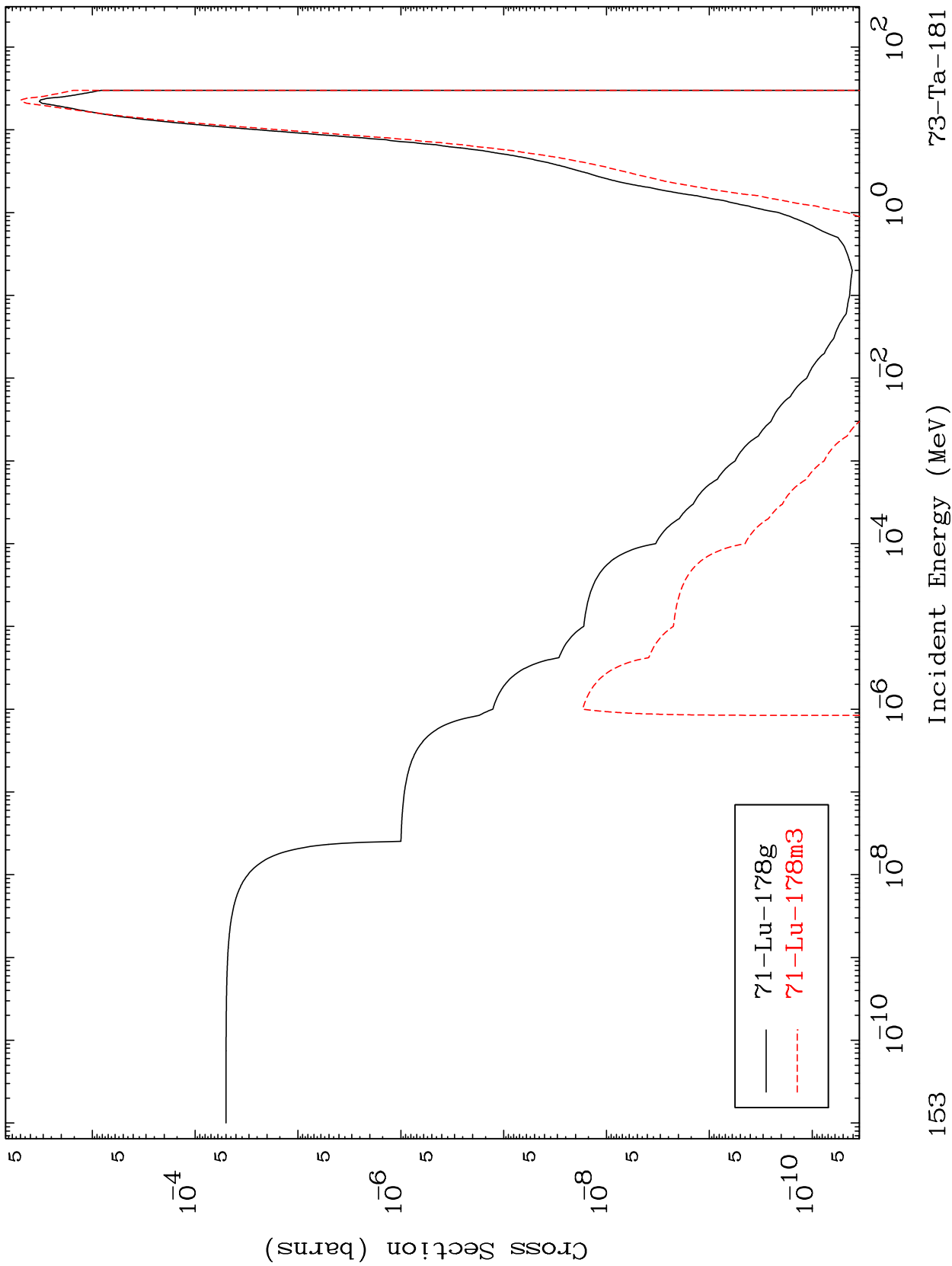
Incident Energy (MeV)

⁷³Ta-181

MAT 7328

73-Ta-181

Radionuclide Production Cross Section



MAT 7328

$(n,p) \alpha$

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

Radionuclide Production Cross Section

