

Program EVALPLOT
(Version 2021-1)

by

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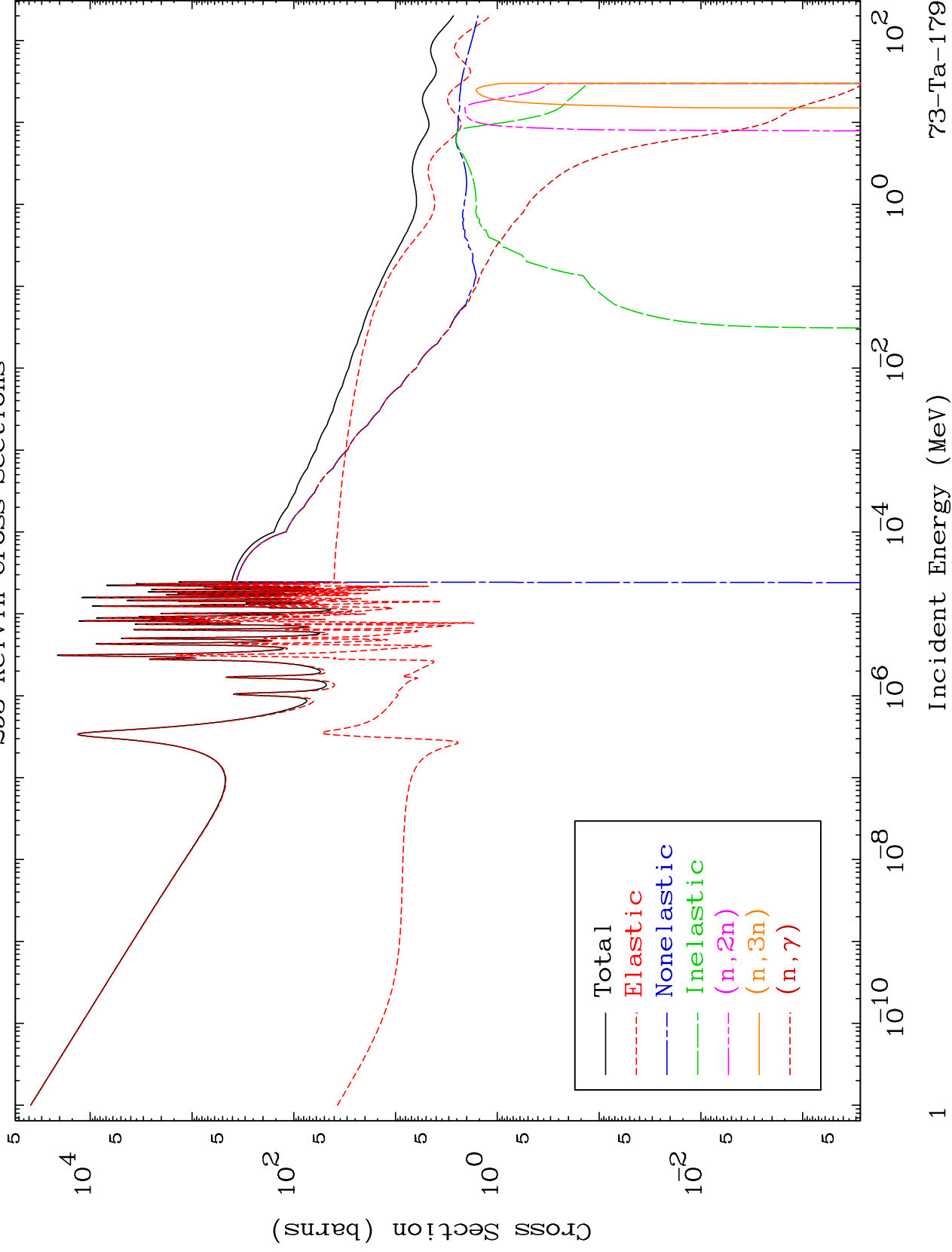
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Press Mouse Button to Start

MAT 7322

Neutron Major
293 Kelvin Cross Sections

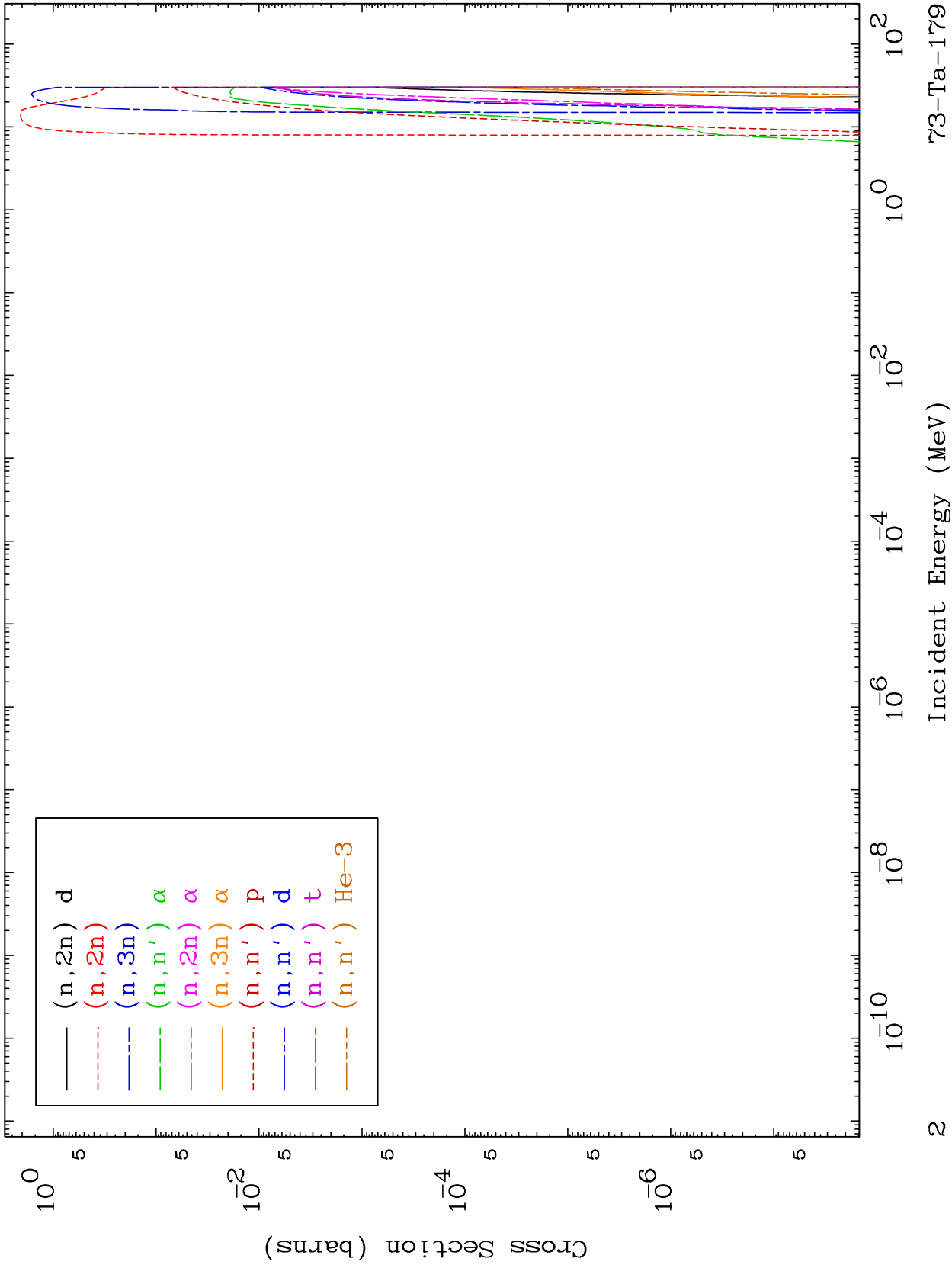
73-Ta-179



MAT 7322

Neutron Absorption
293 Kelvin Cross Sections

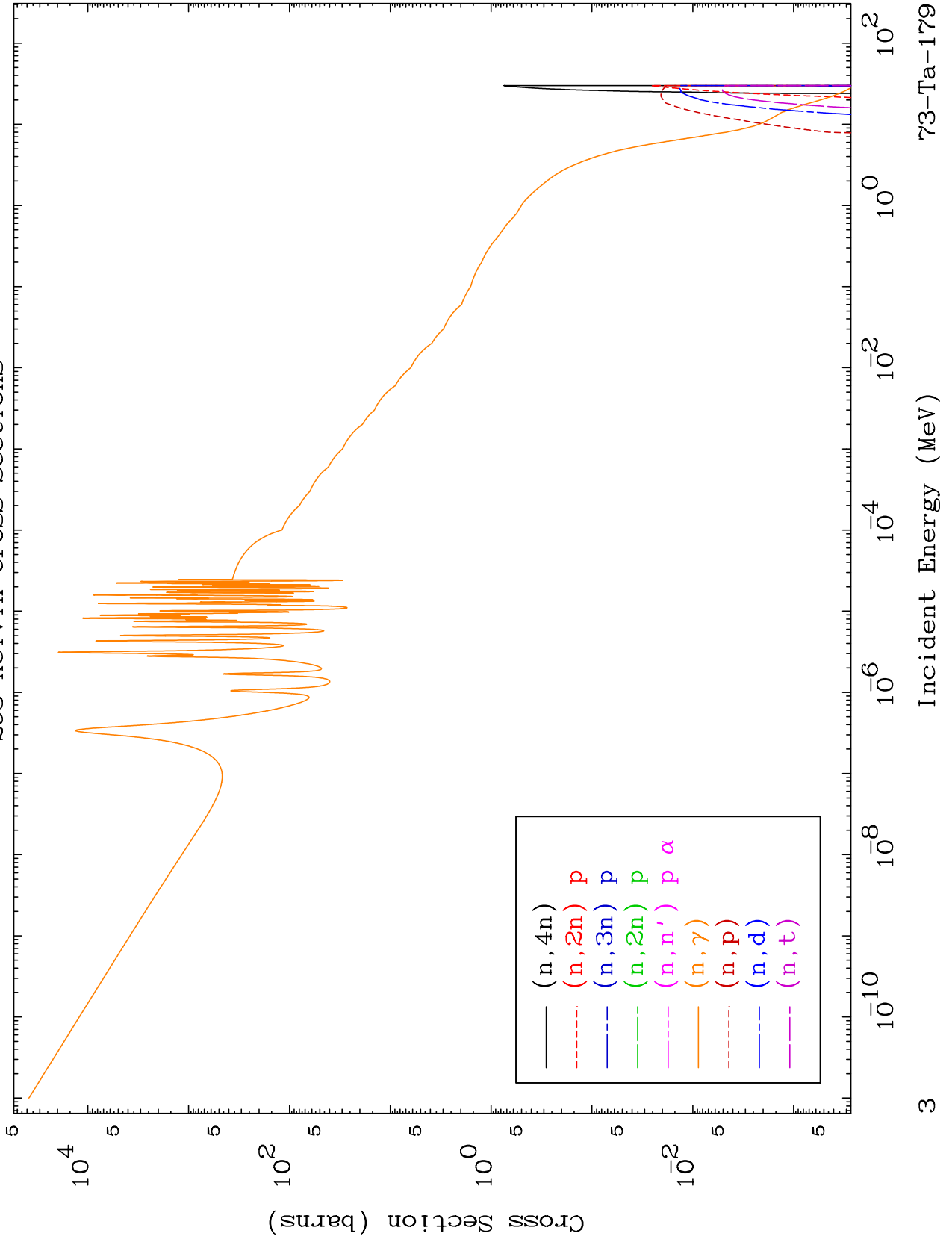
73-Ta-179



MAT 7322

Neutron Absorption
293 Kelvin Cross Sections

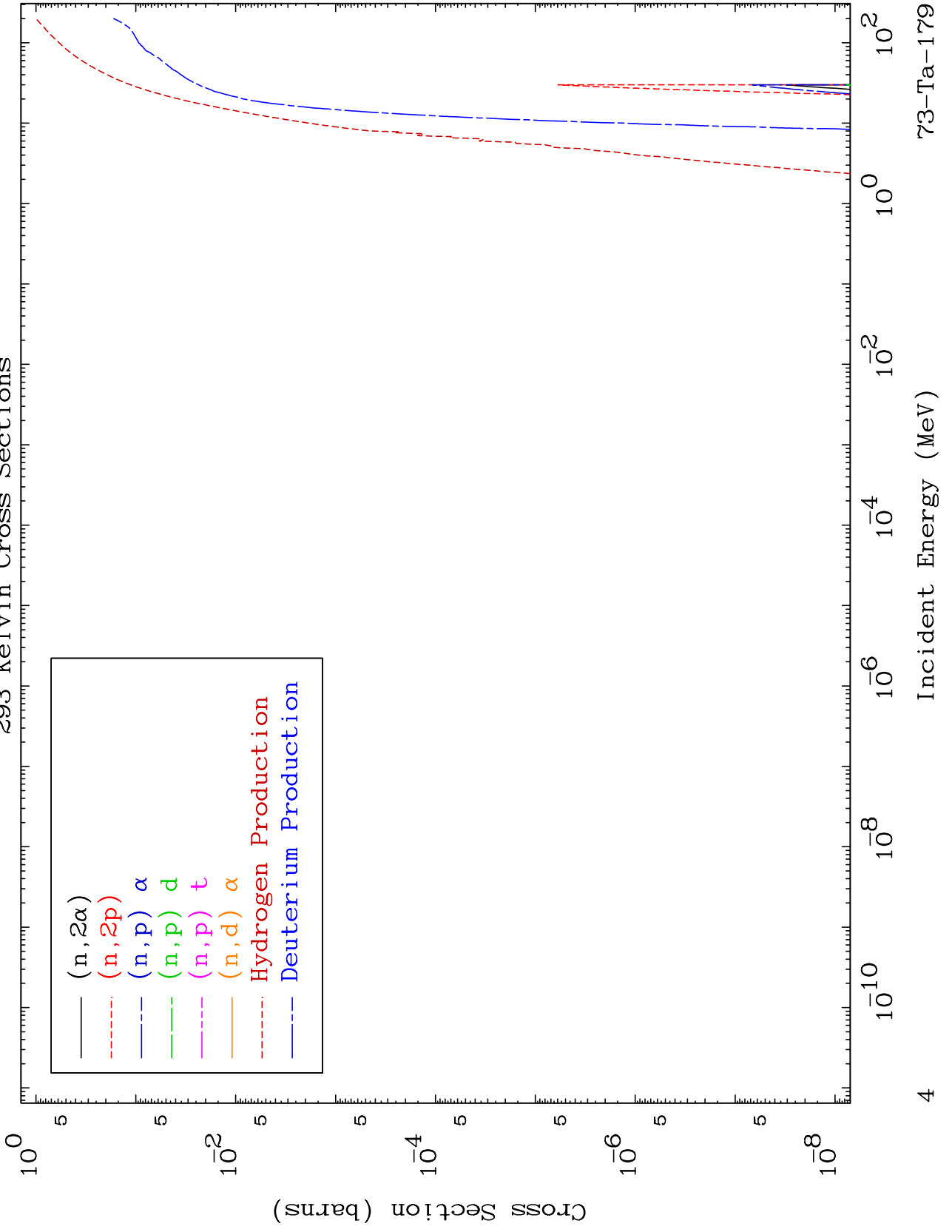
73-Ta-179



MAT 7322

Neutron Absorption
293 Kelvin Cross Sections

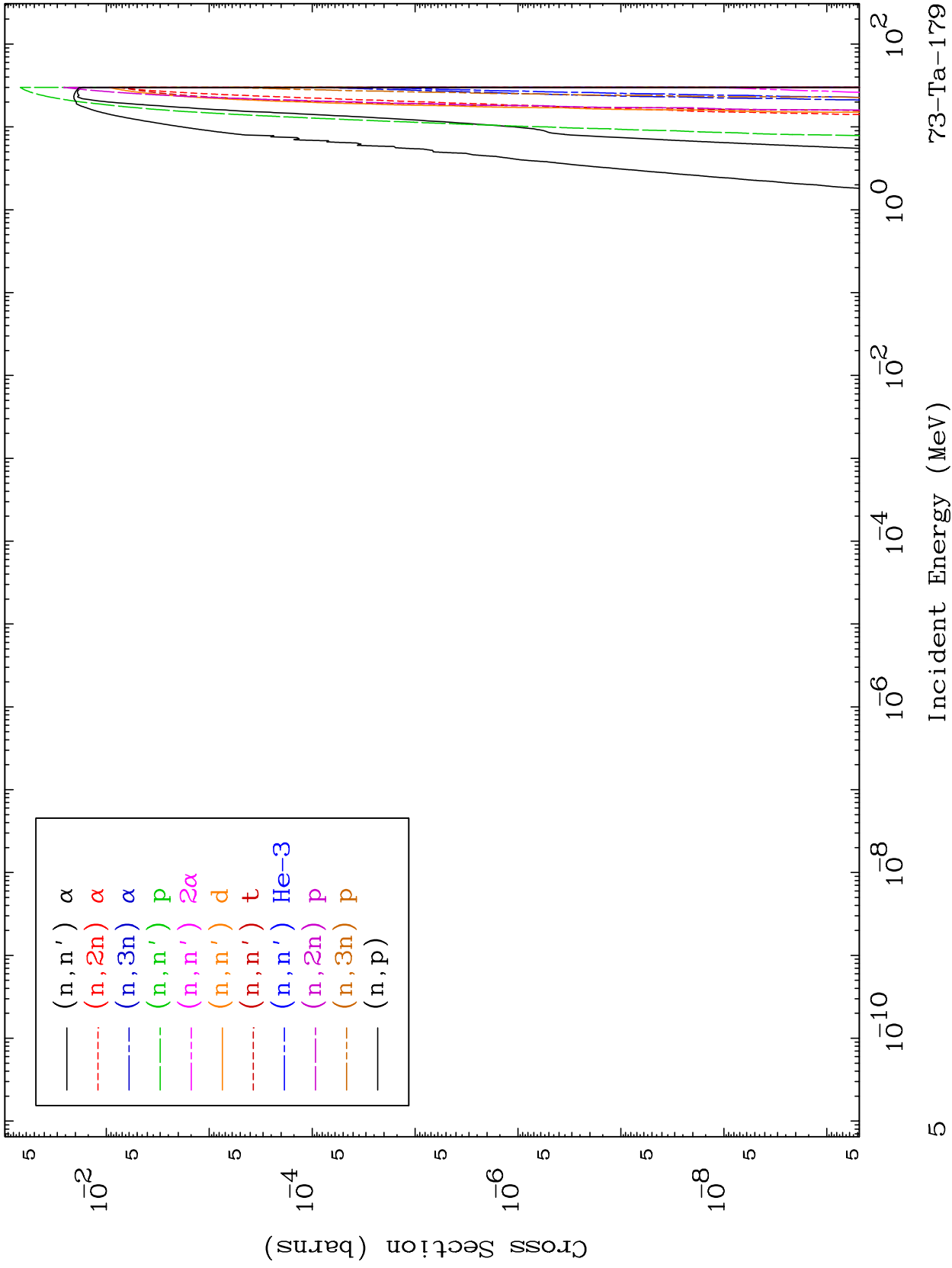
73-Ta-179



MAT 7322

Charged Particle
293 Kelvin Cross Sections

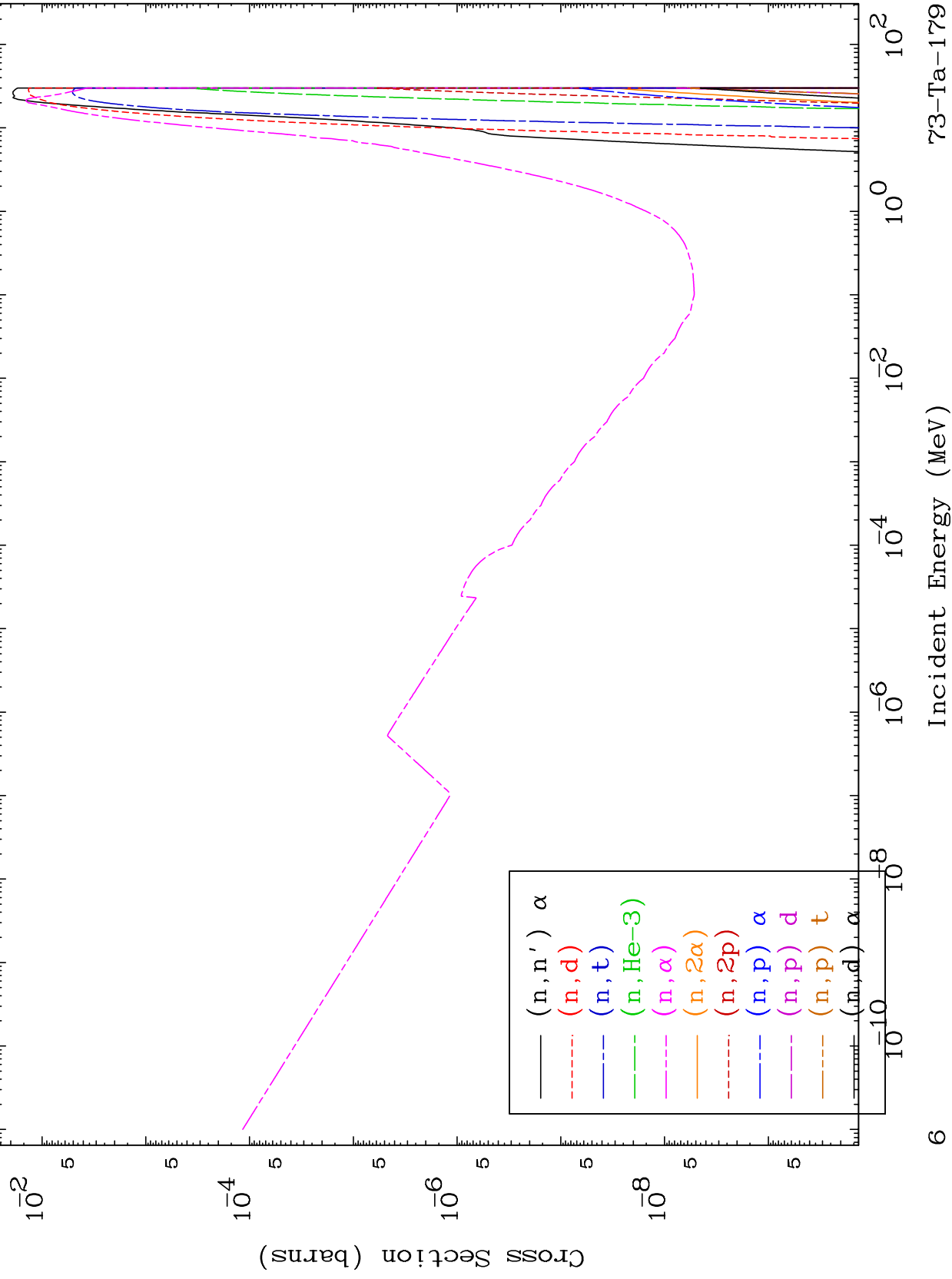
73-Ta-179



MAT 7322

Charged Particle
293 Kelvin Cross Sections

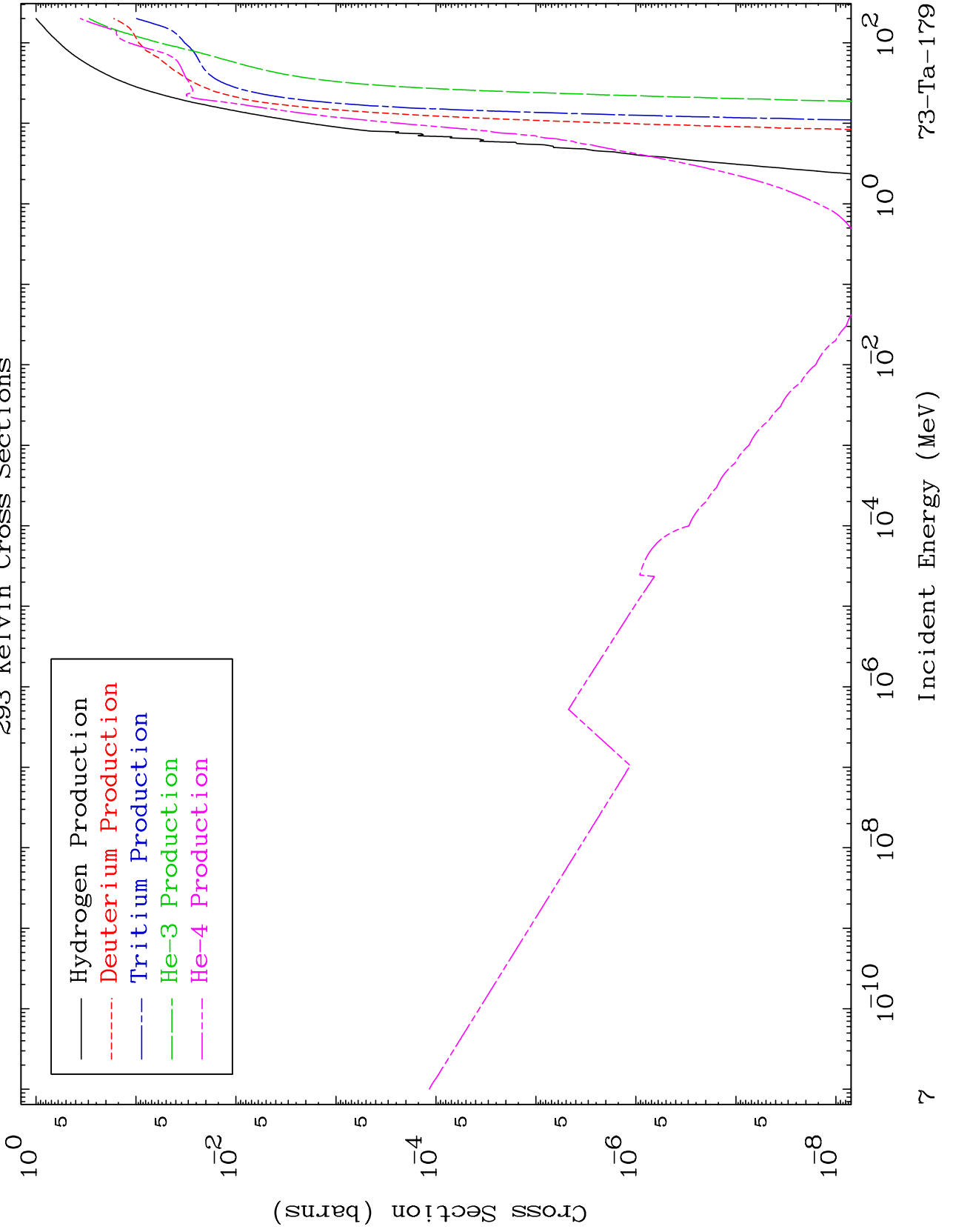
73-Ta-179



MAT 7322

Particle Production
293 Kelvin Cross Sections

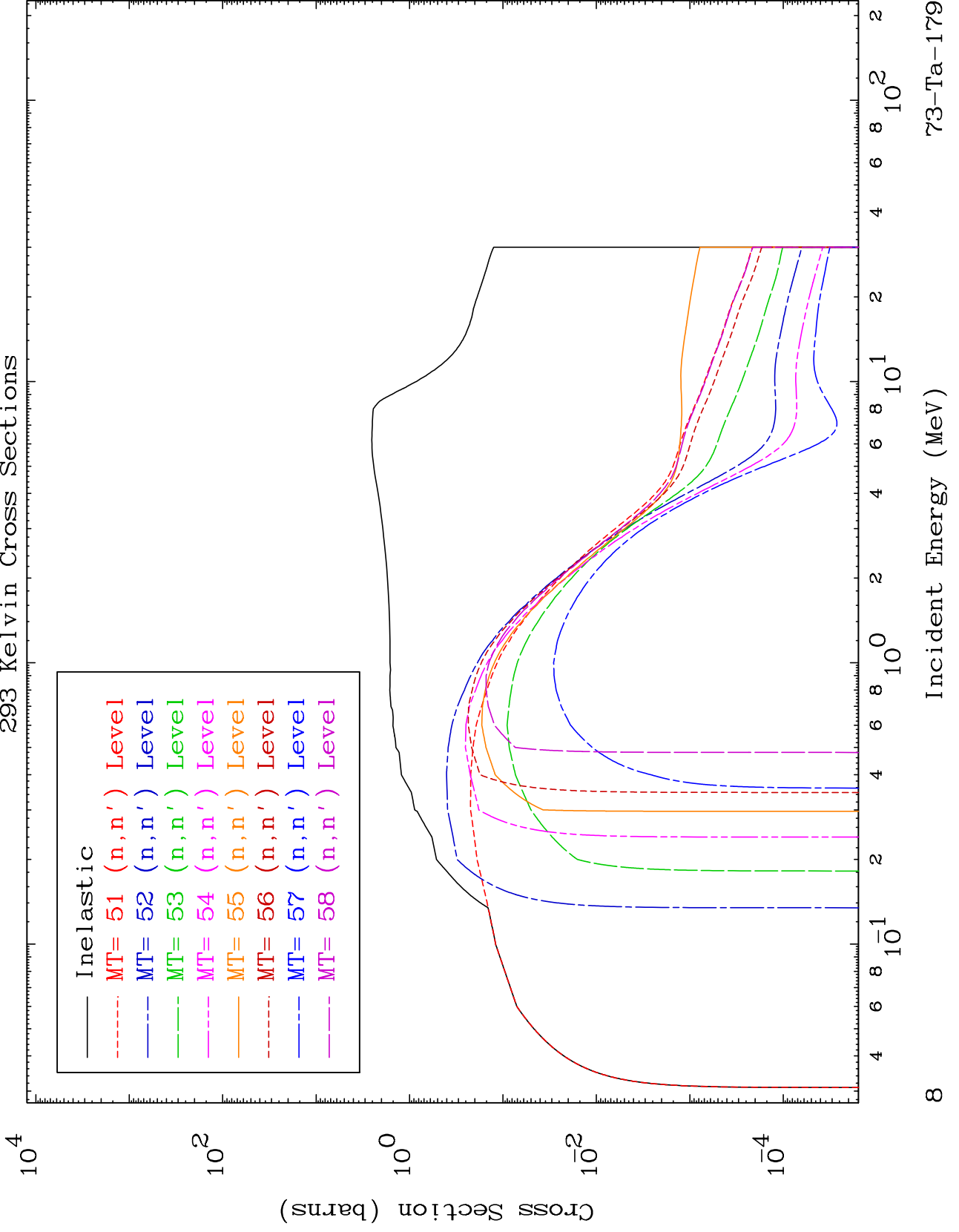
73-Ta-179



MAT 7322

(n,n') Levels
293 Kelvin Cross Sections

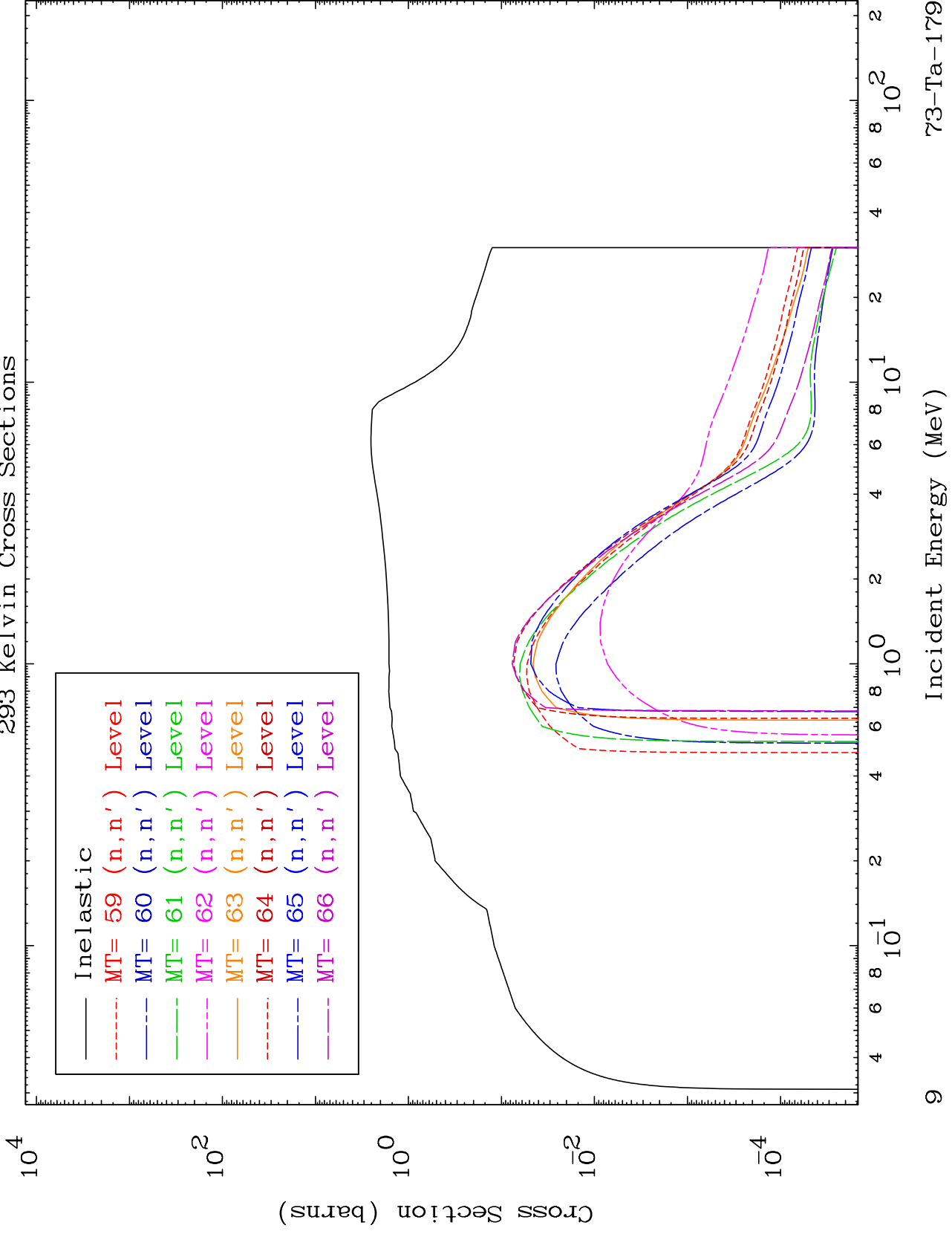
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MAT 7322

(n,n') Levels
293 Kelvin Cross Sections

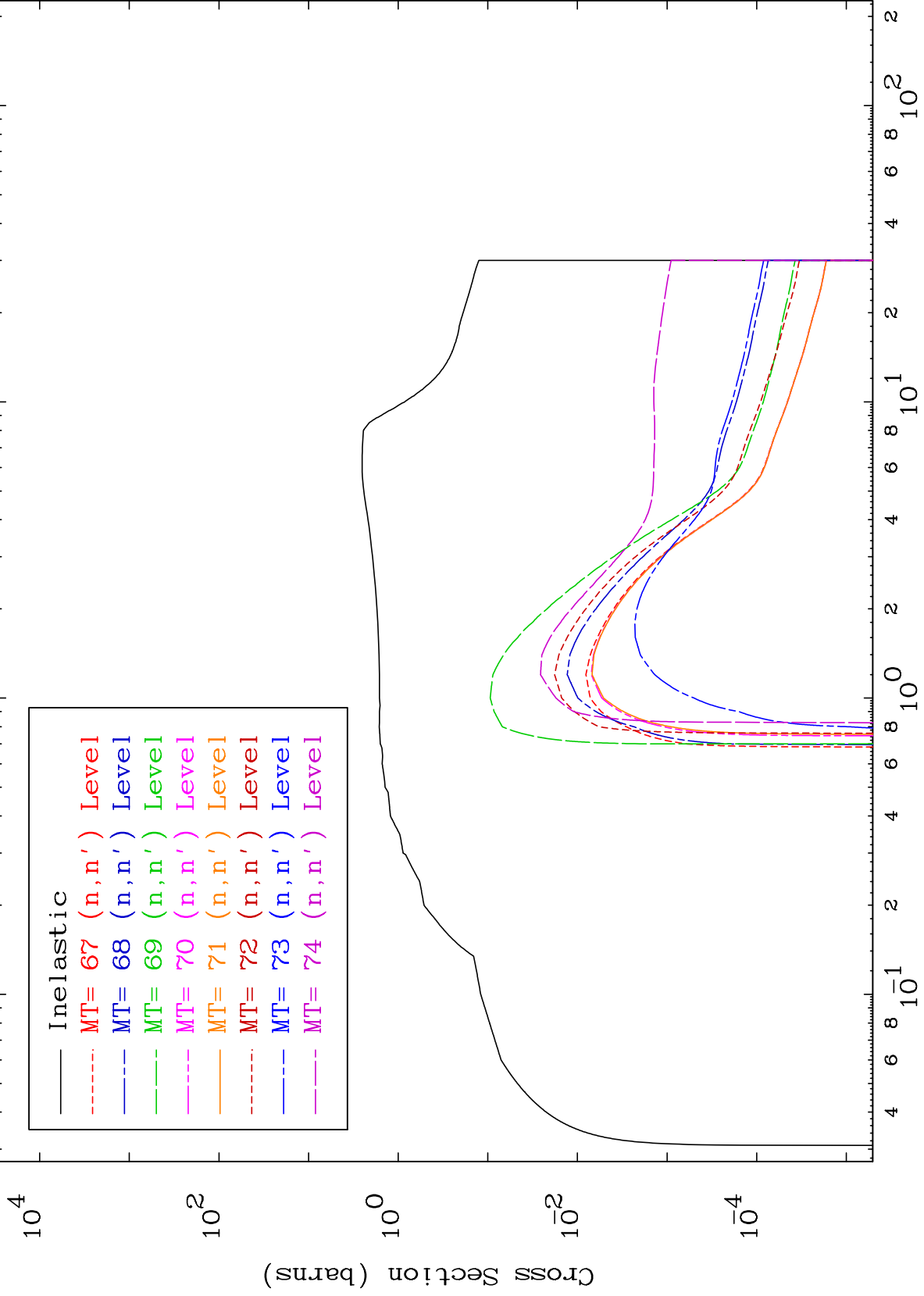
73-Ta-179



MAT 7322

(n,n') Levels
293 Kelvin Cross Sections

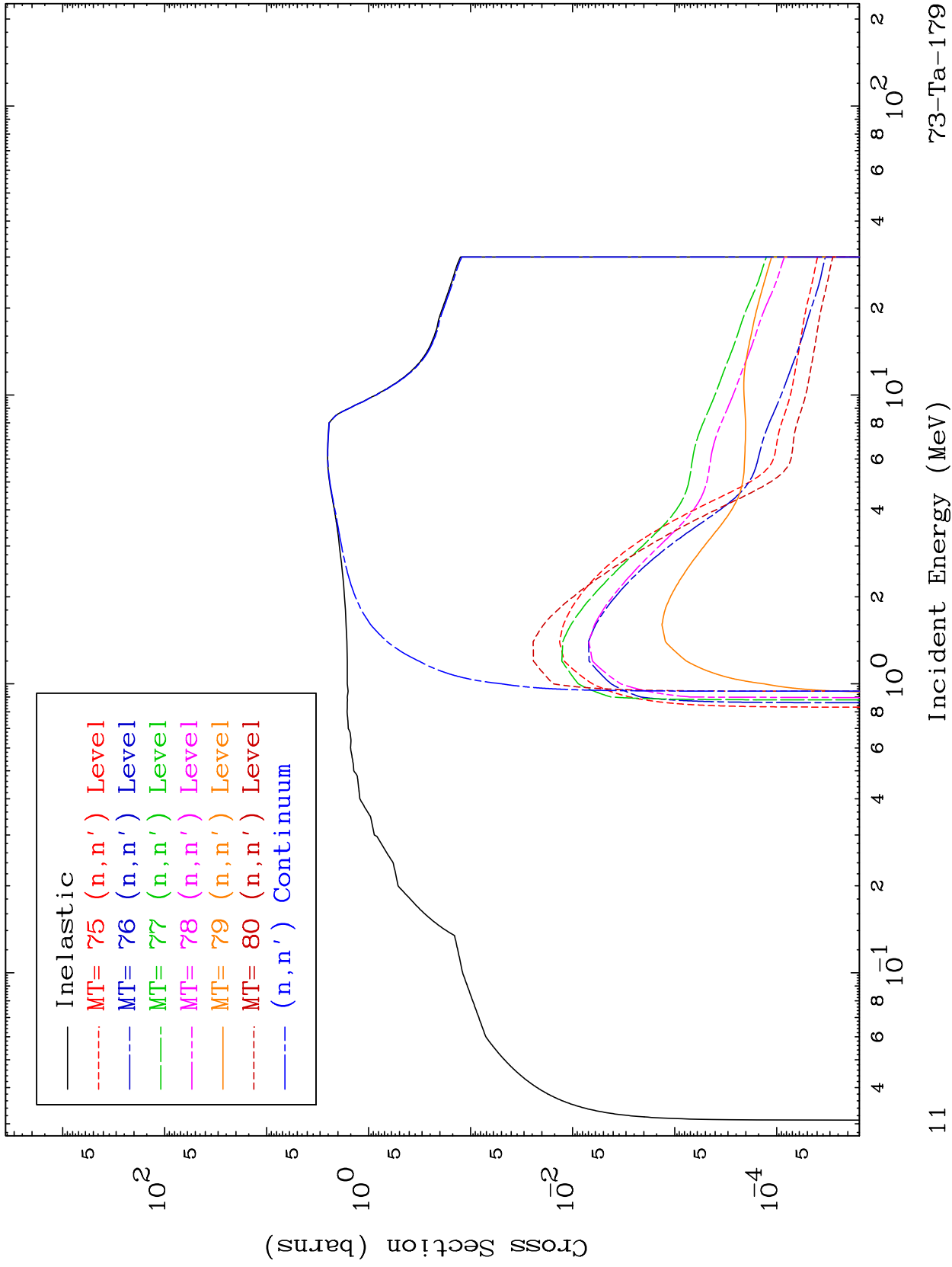
73-Ta-179



10

Incident Energy (MeV)

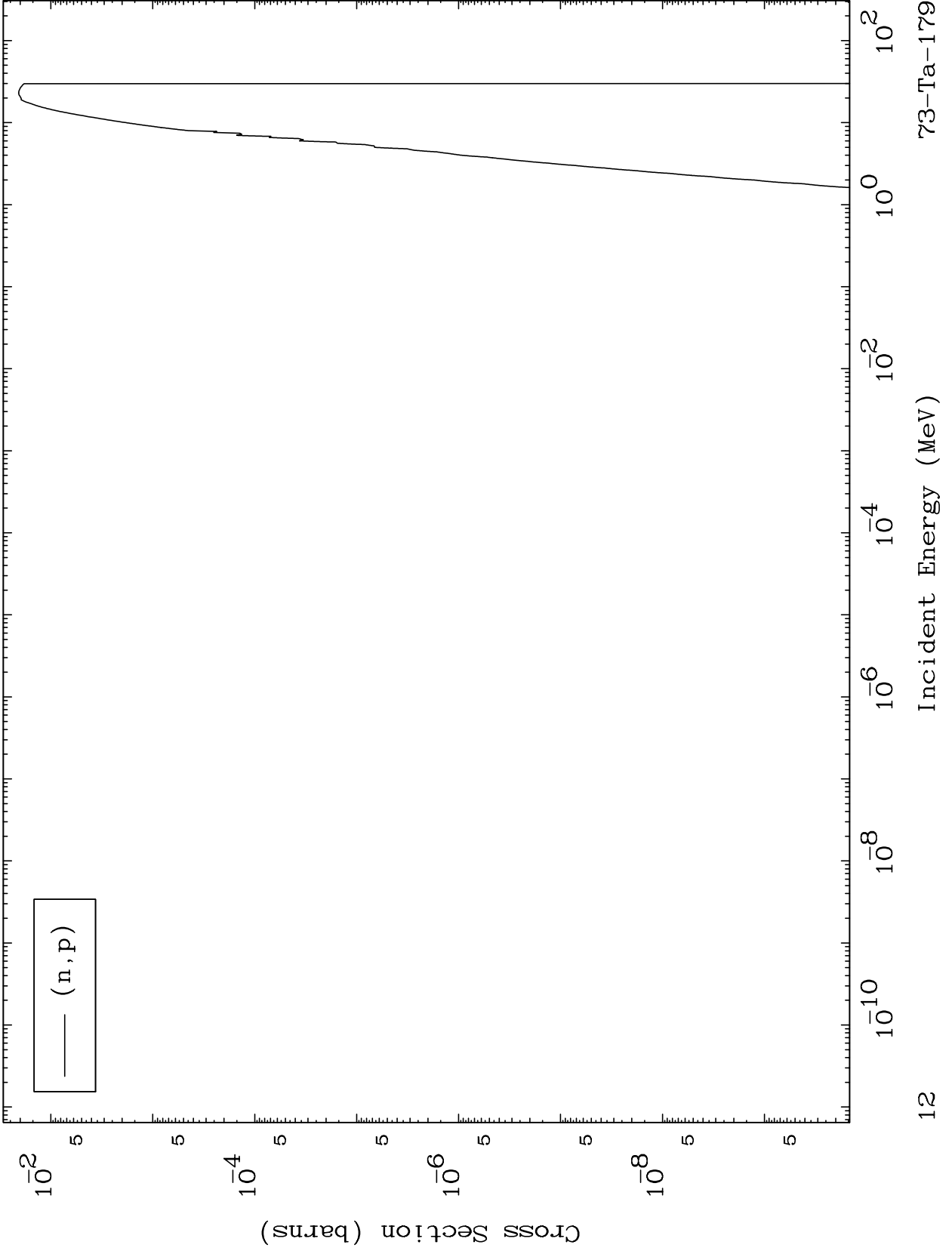
73-Ta-179



MAT 7322

(n,p) Levels
293 Kelvin Cross Sections

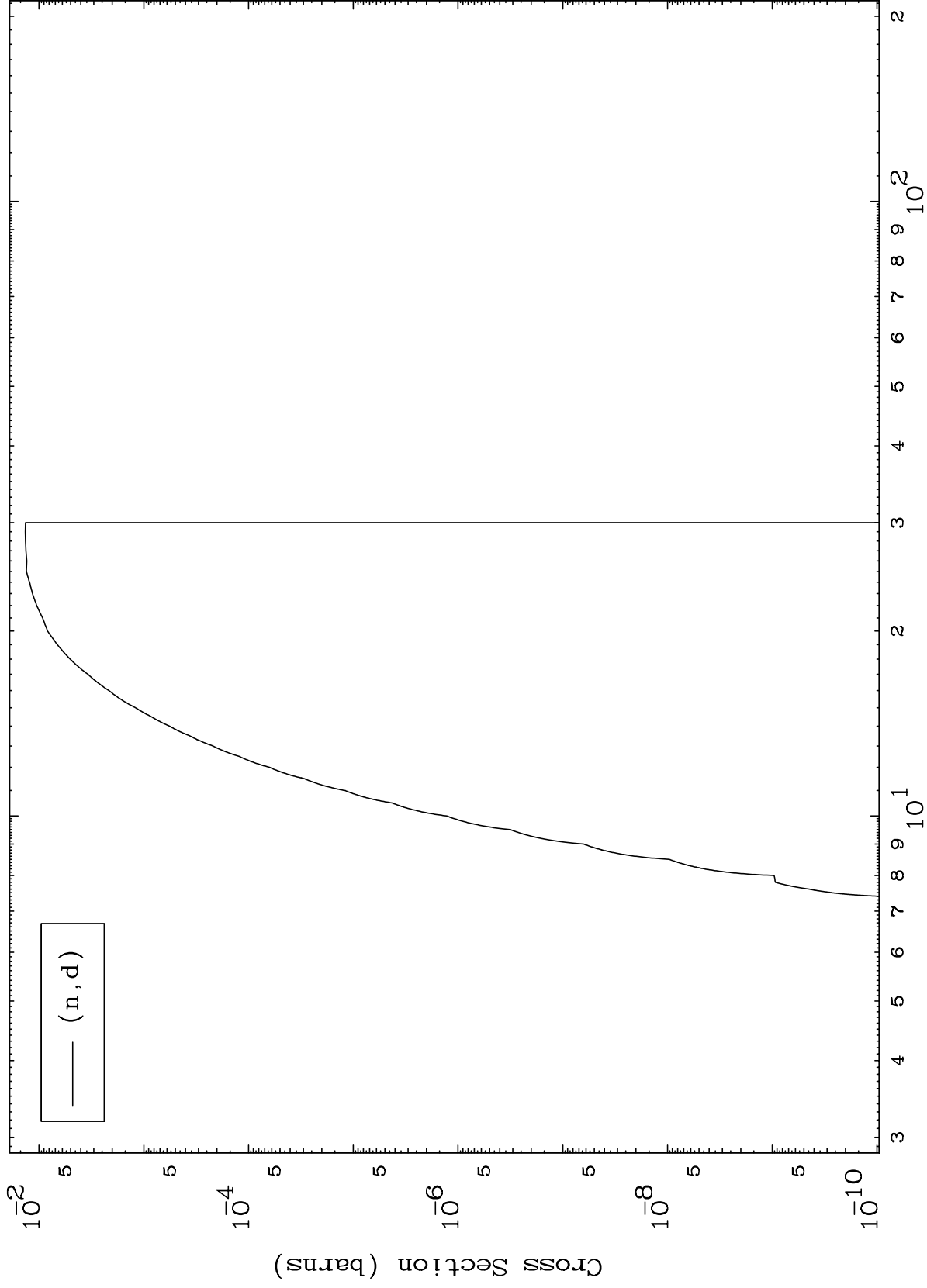
73-Ta-179



MAT 7322

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-179



Incident Energy (MeV)

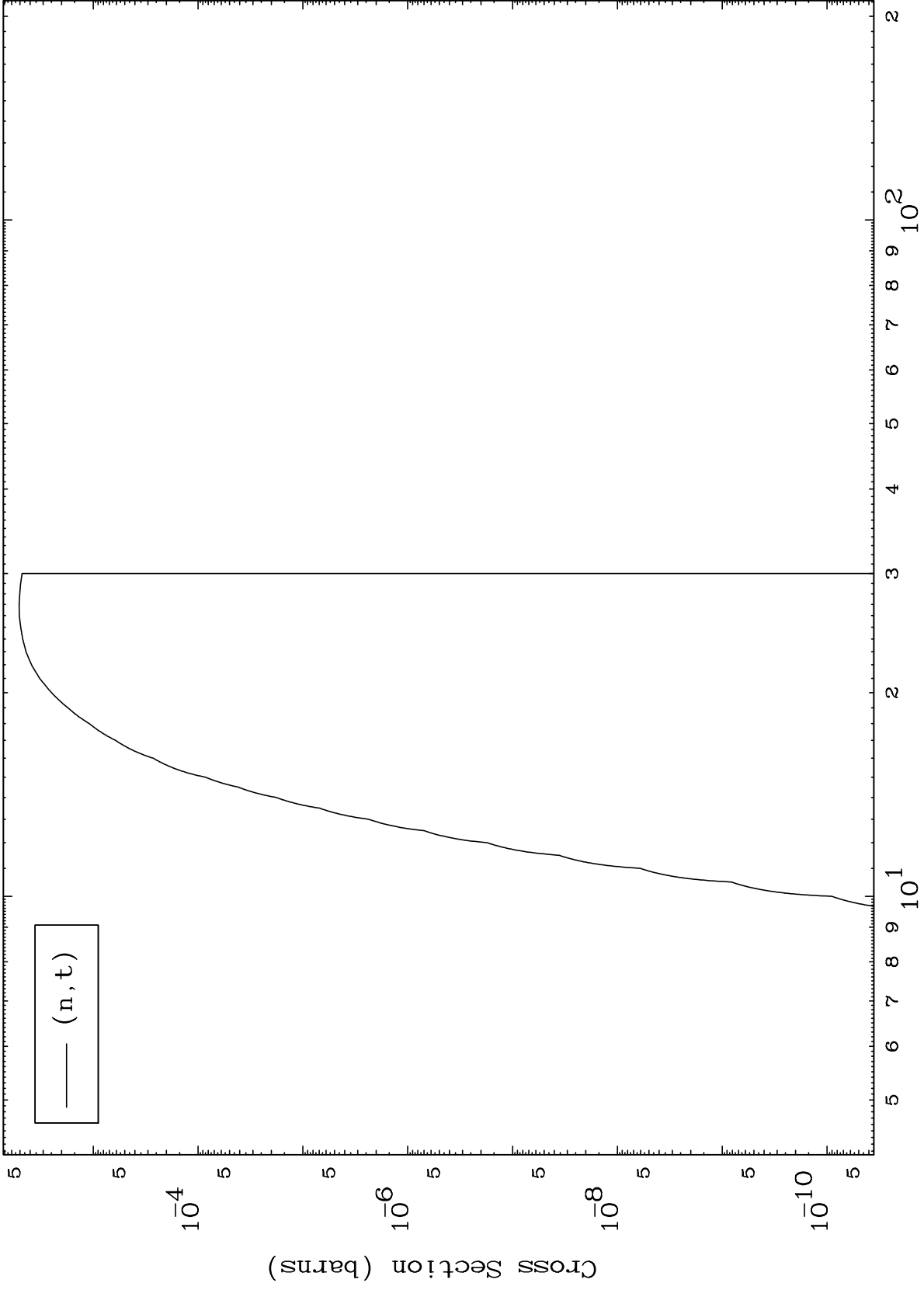
73-Ta-179

13

MAT 7322

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-179



14

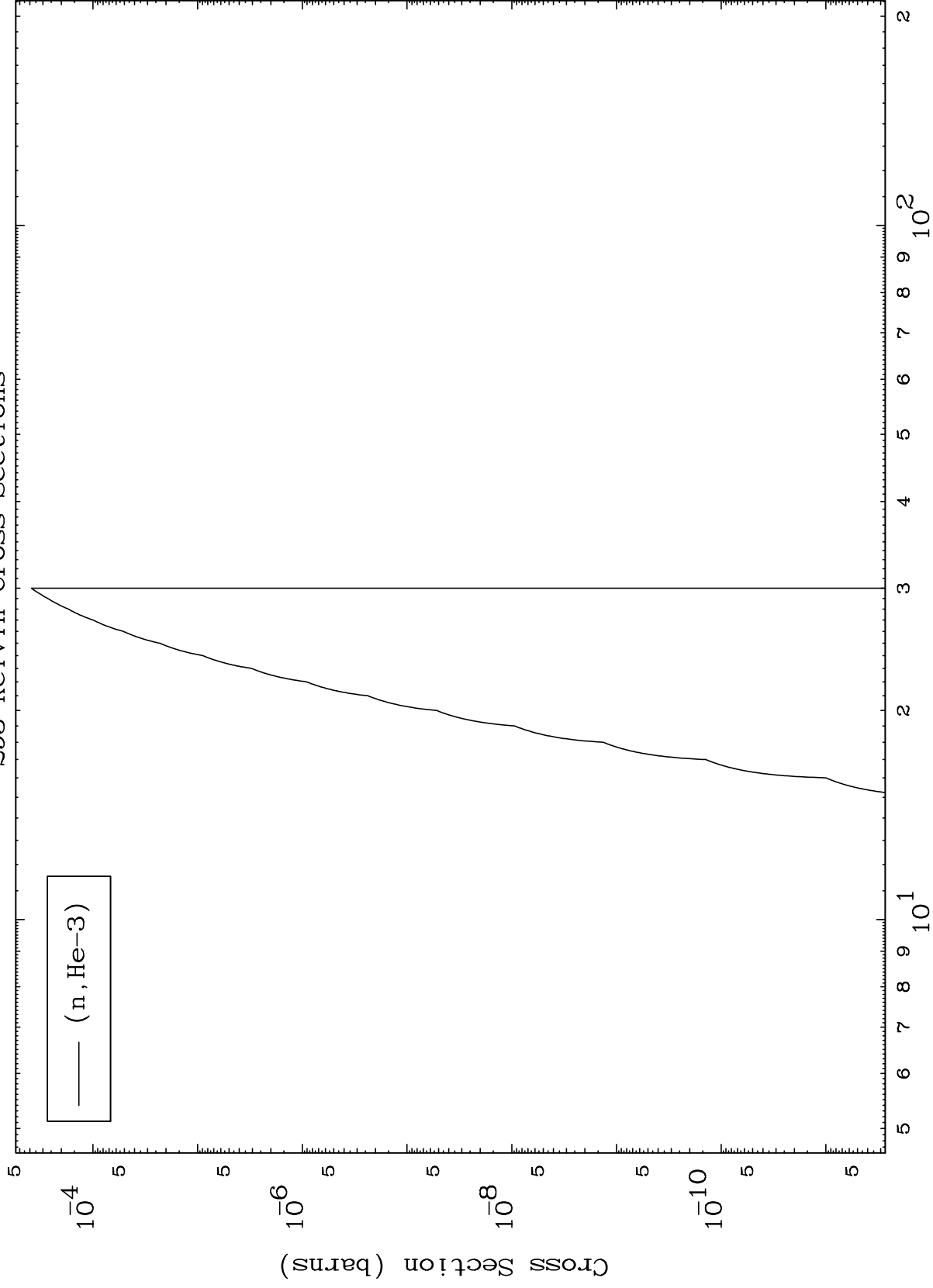
Incident Energy (MeV)

73-Ta-179

MAT 7322

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-179



15

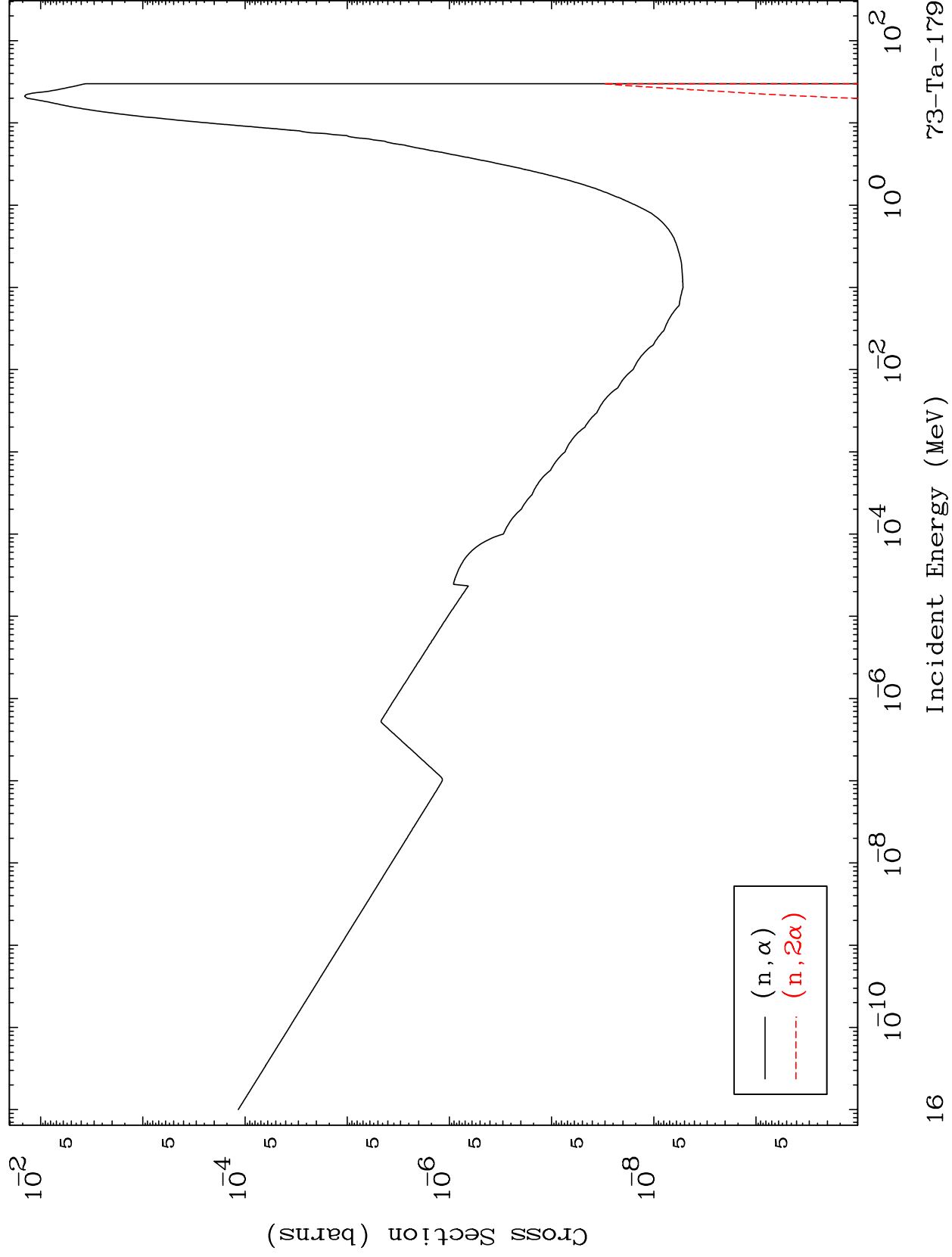
Incident Energy (MeV)

73-Ta-179

MAT 7322

(n,α) Levels
293 Kelvin Cross Sections

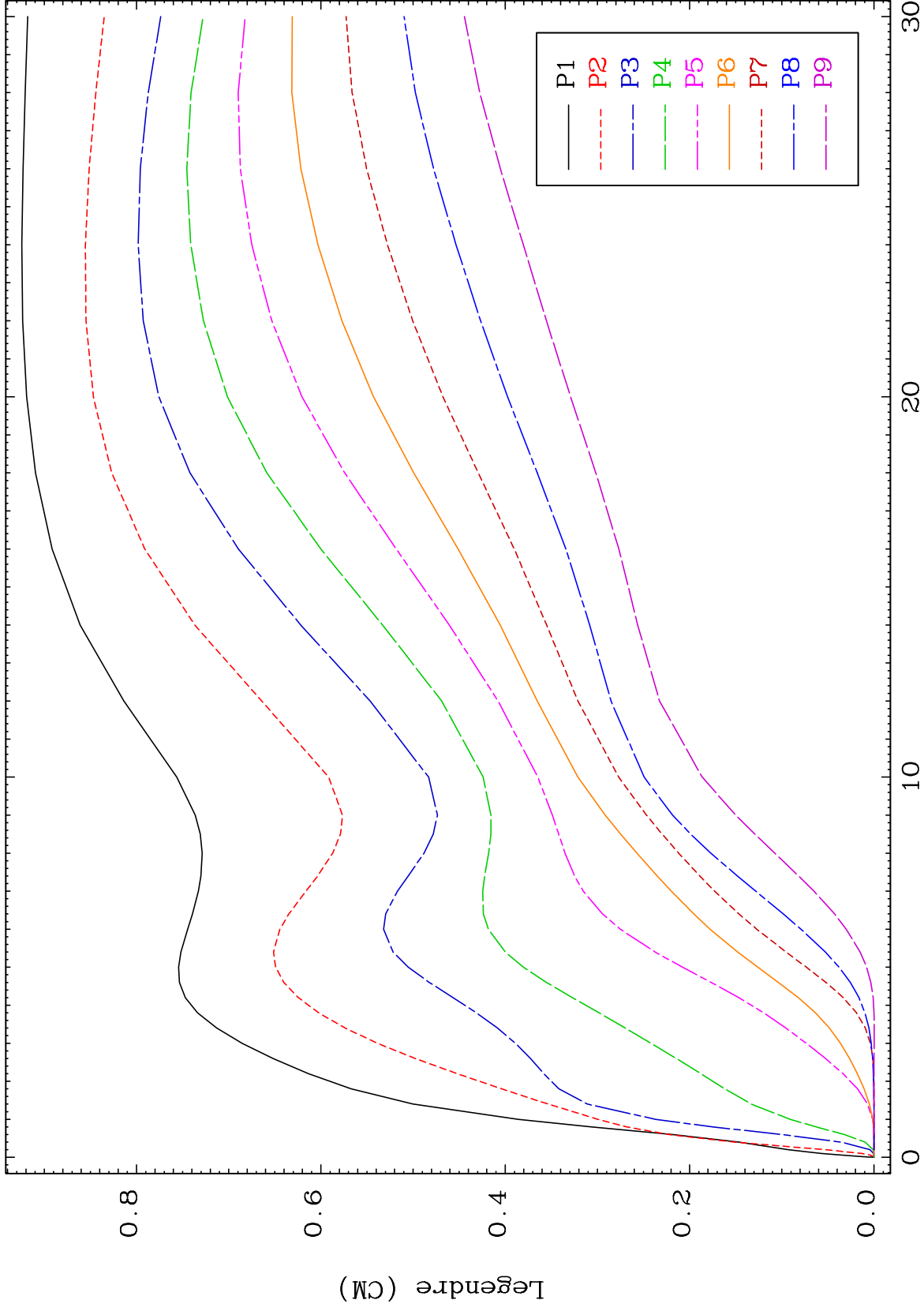
73-Ta-179



MAT 7322

Elastic Legendre Coefficients

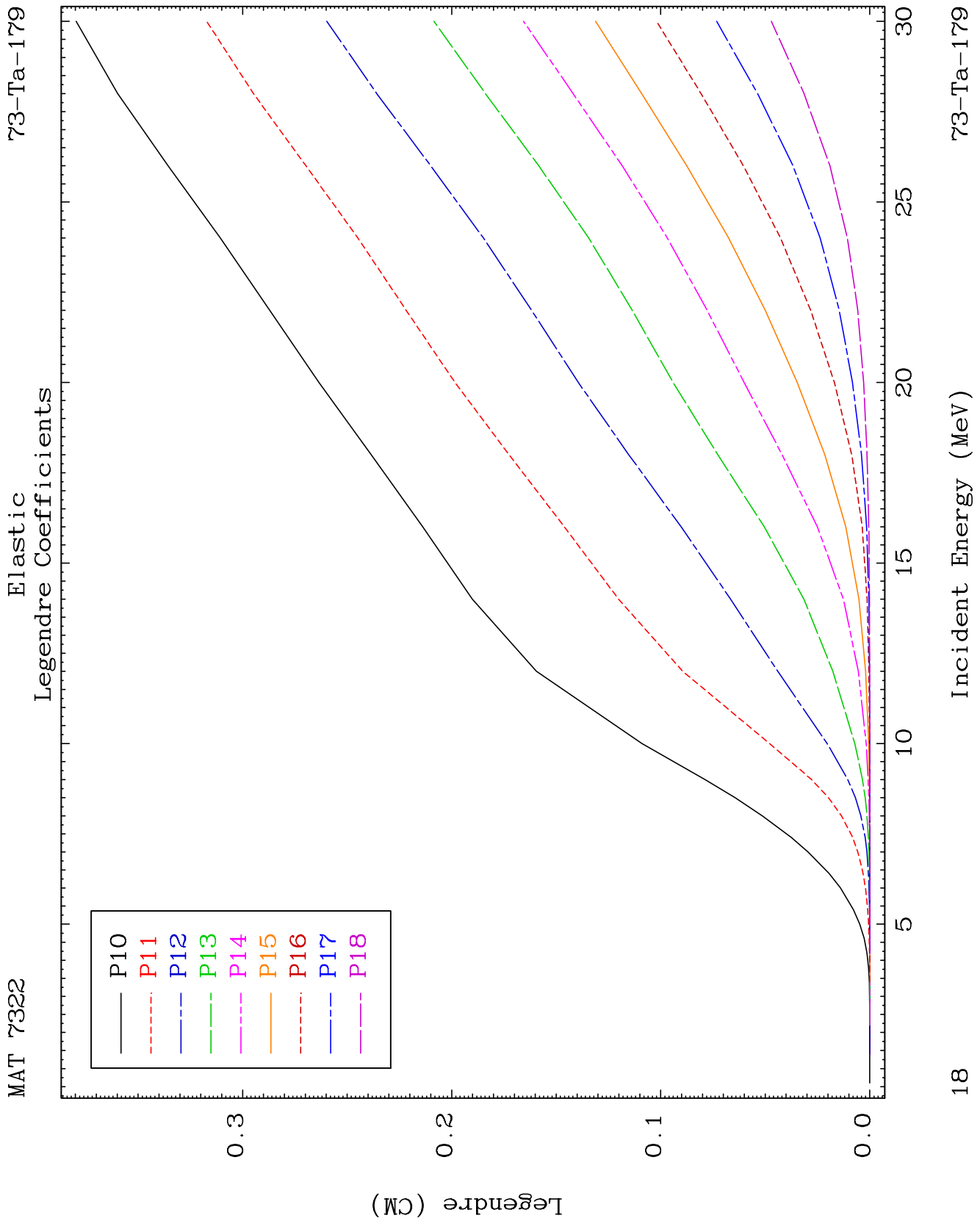
⁷³Ta-179



17

Incident Energy (MeV)

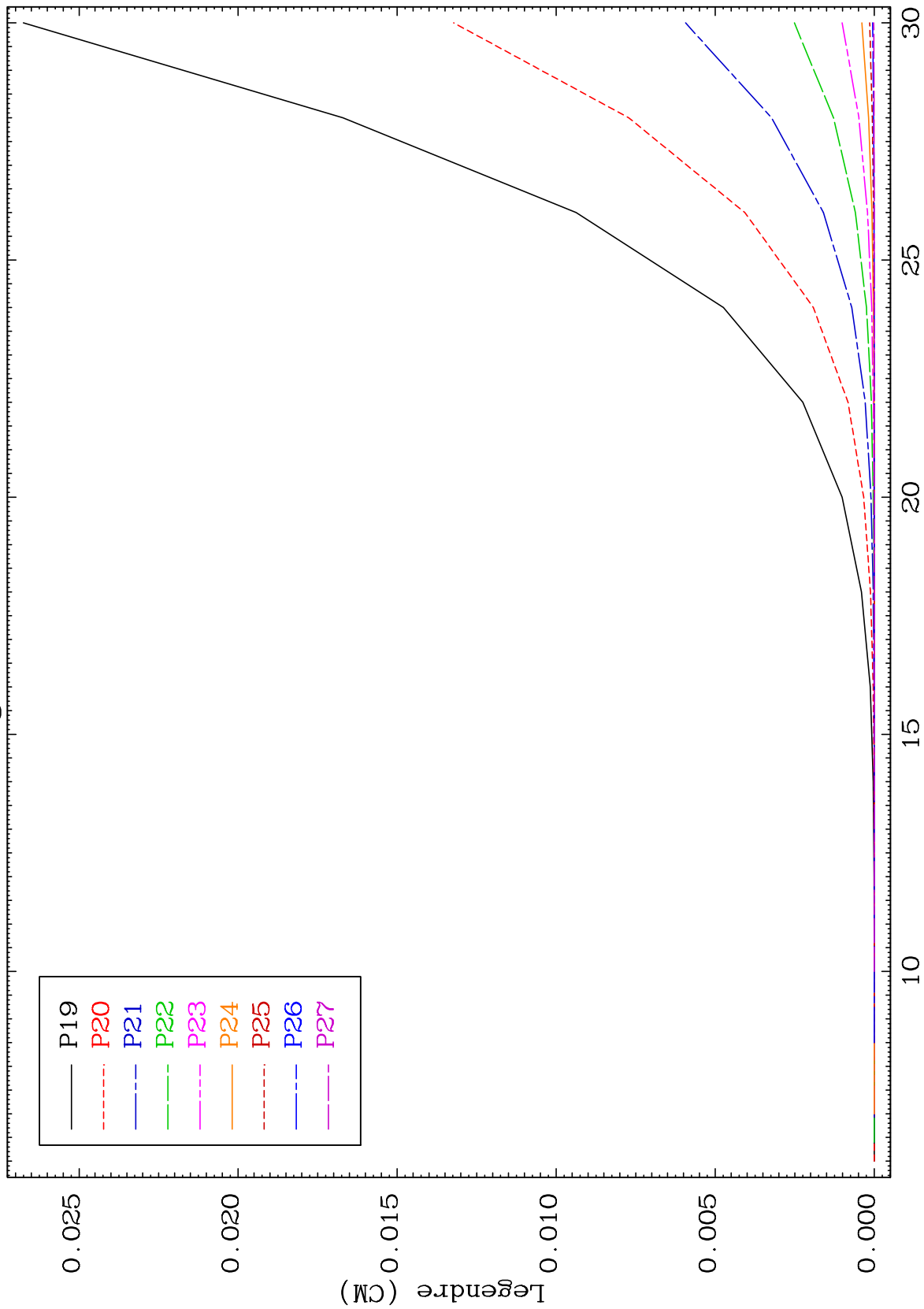
⁷³Ta-179



MAT 7322

Elastic Legendre Coefficients

73-Ta-179



19

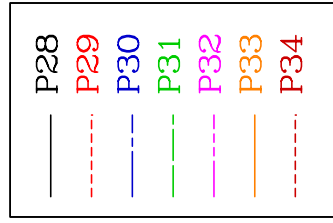
Incident Energy (MeV)

73-Ta-179

MAT 7322

Elastic
Legendre Coefficients

73-Ta-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

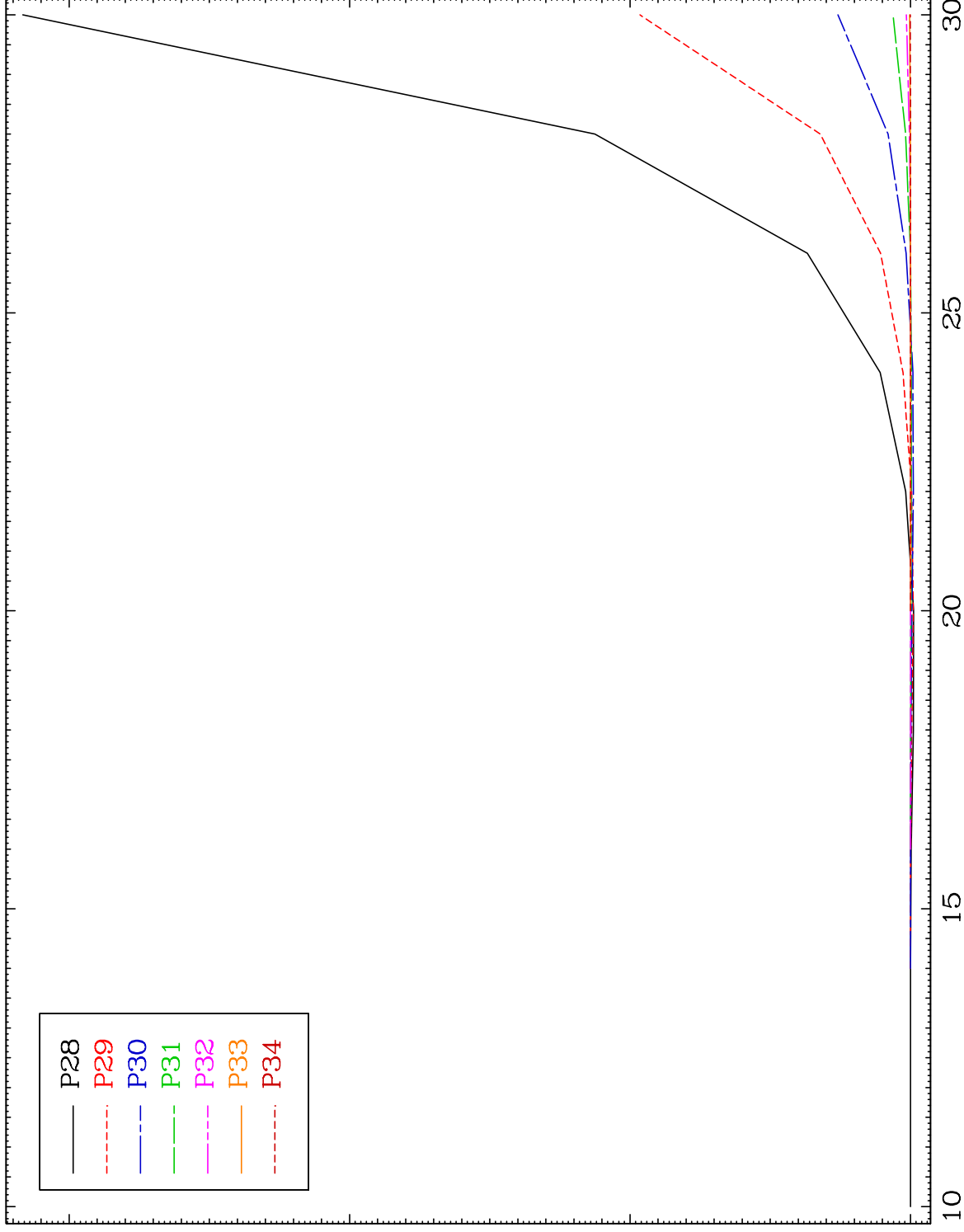
25

30

20

Incident Energy (MeV)

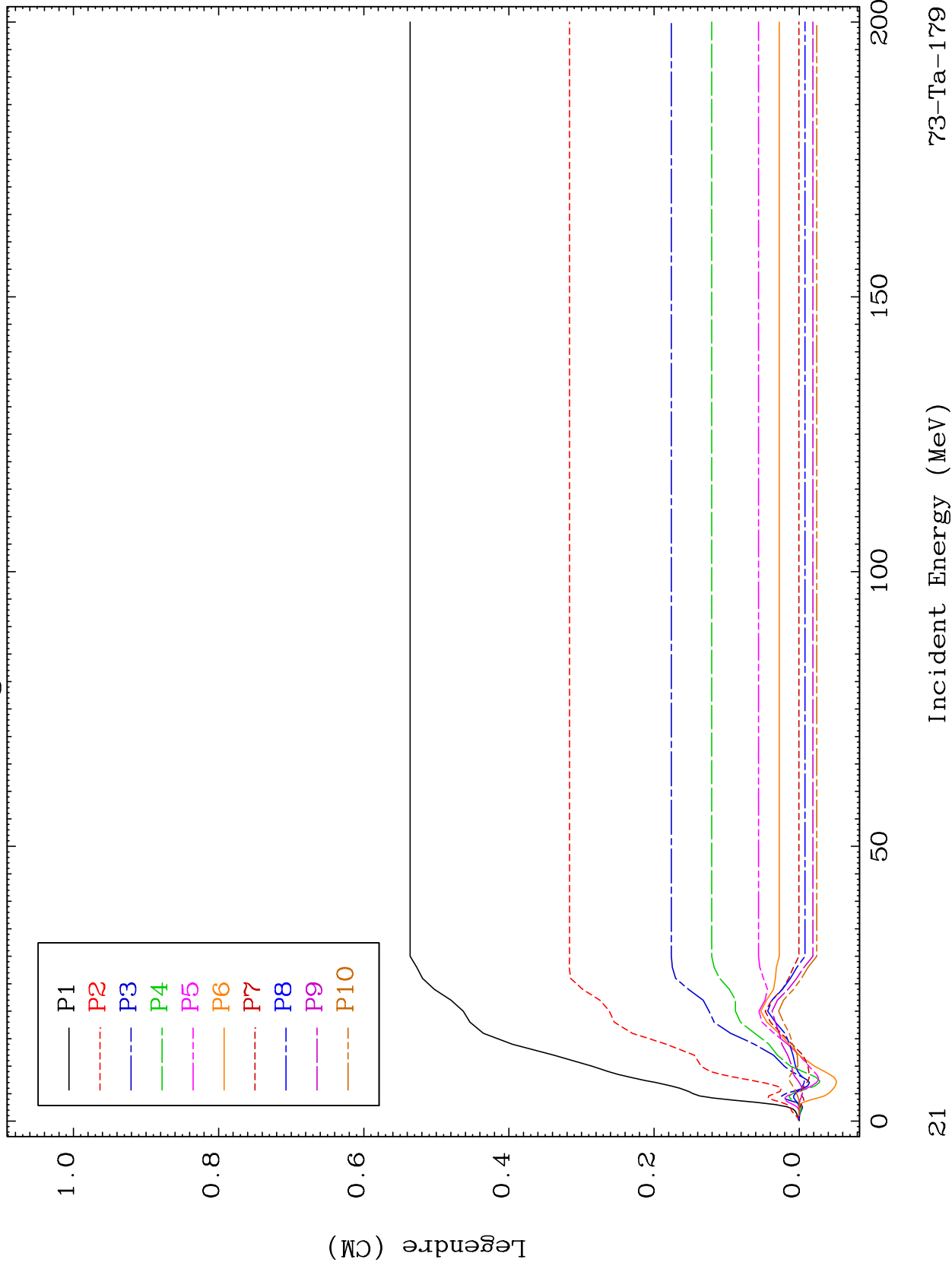
73-Ta-179



MAT 7322

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

⁷³Ta-179

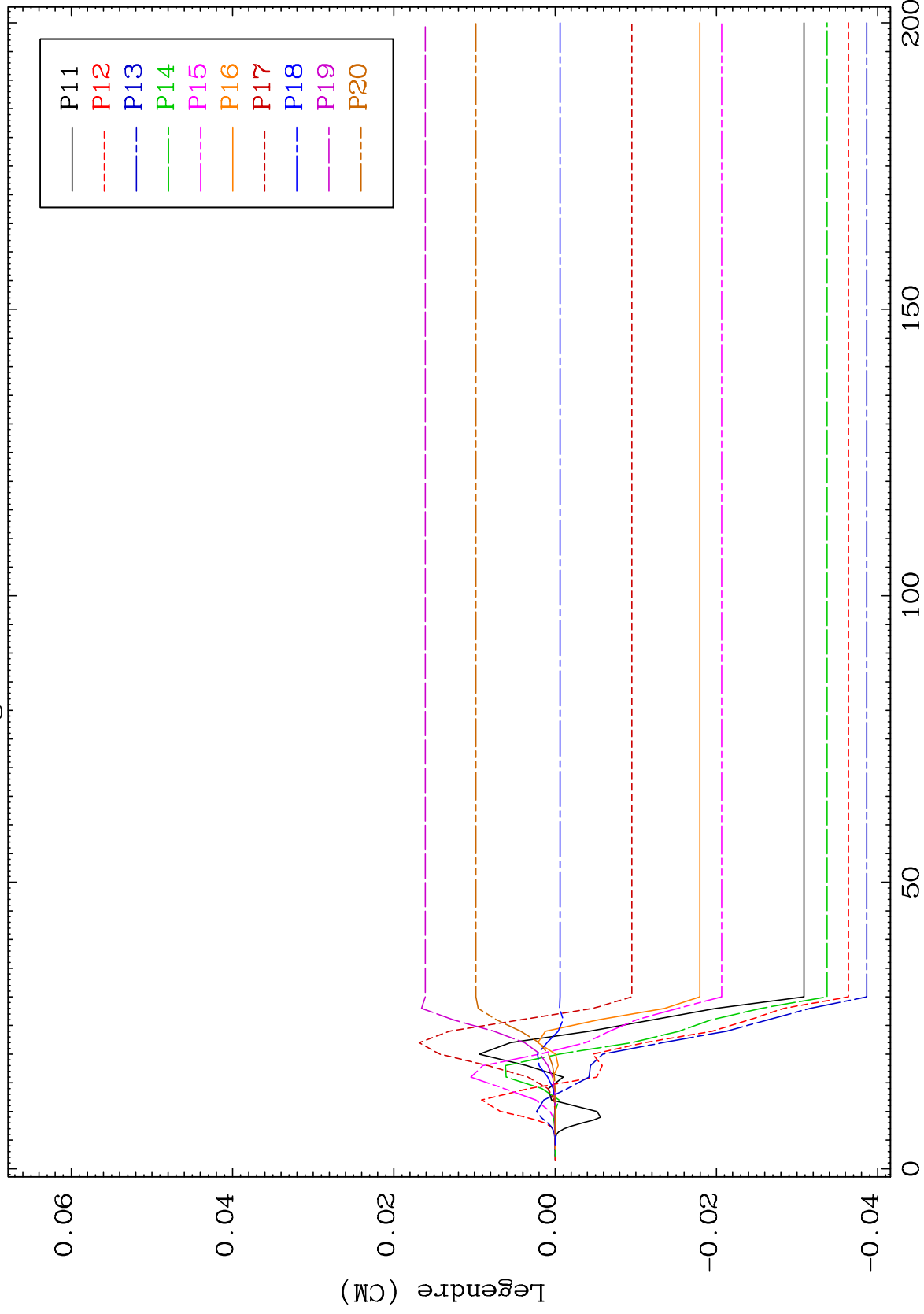


21

MAT 7322

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

73-Ta-179



22

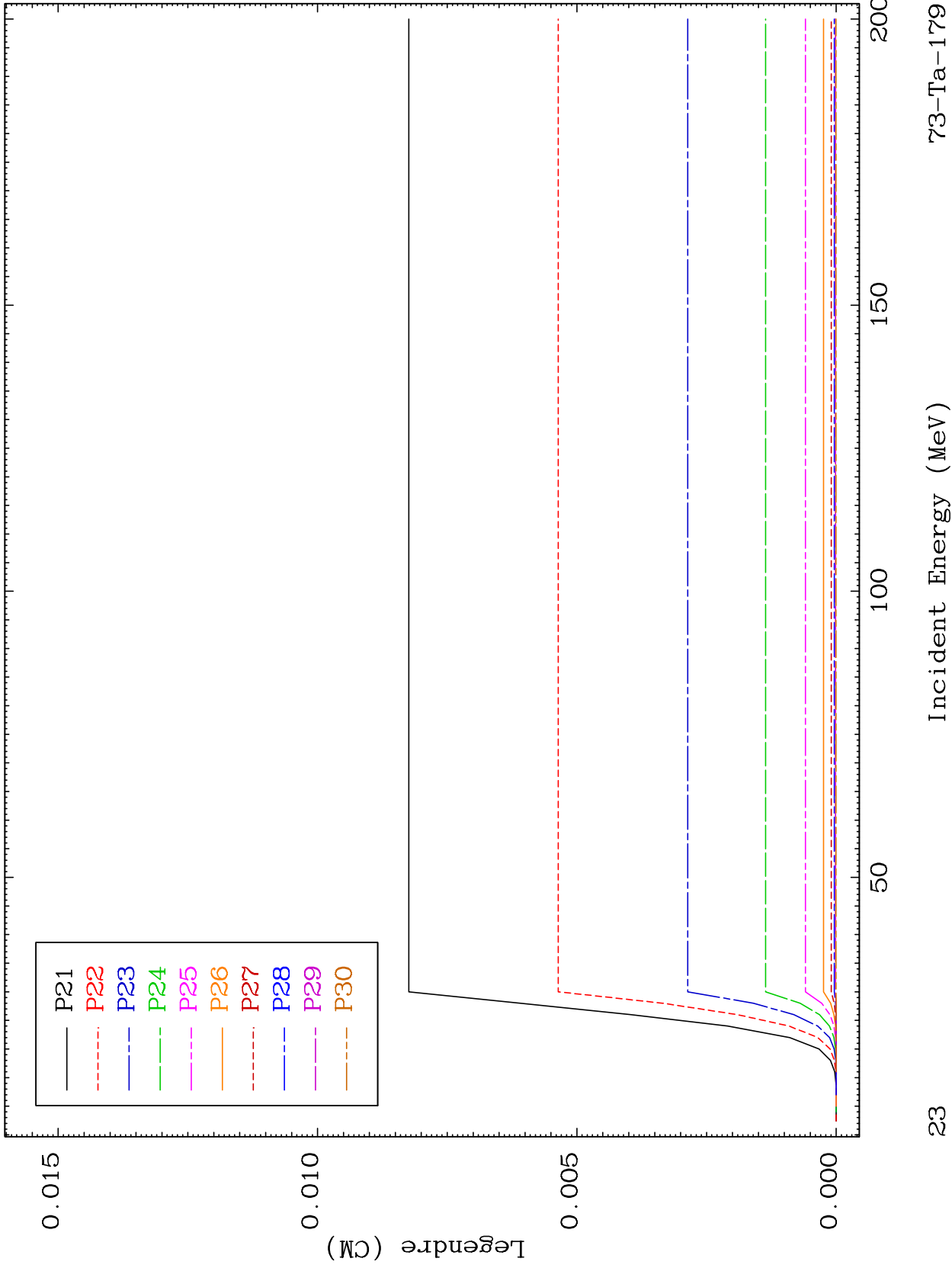
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



23

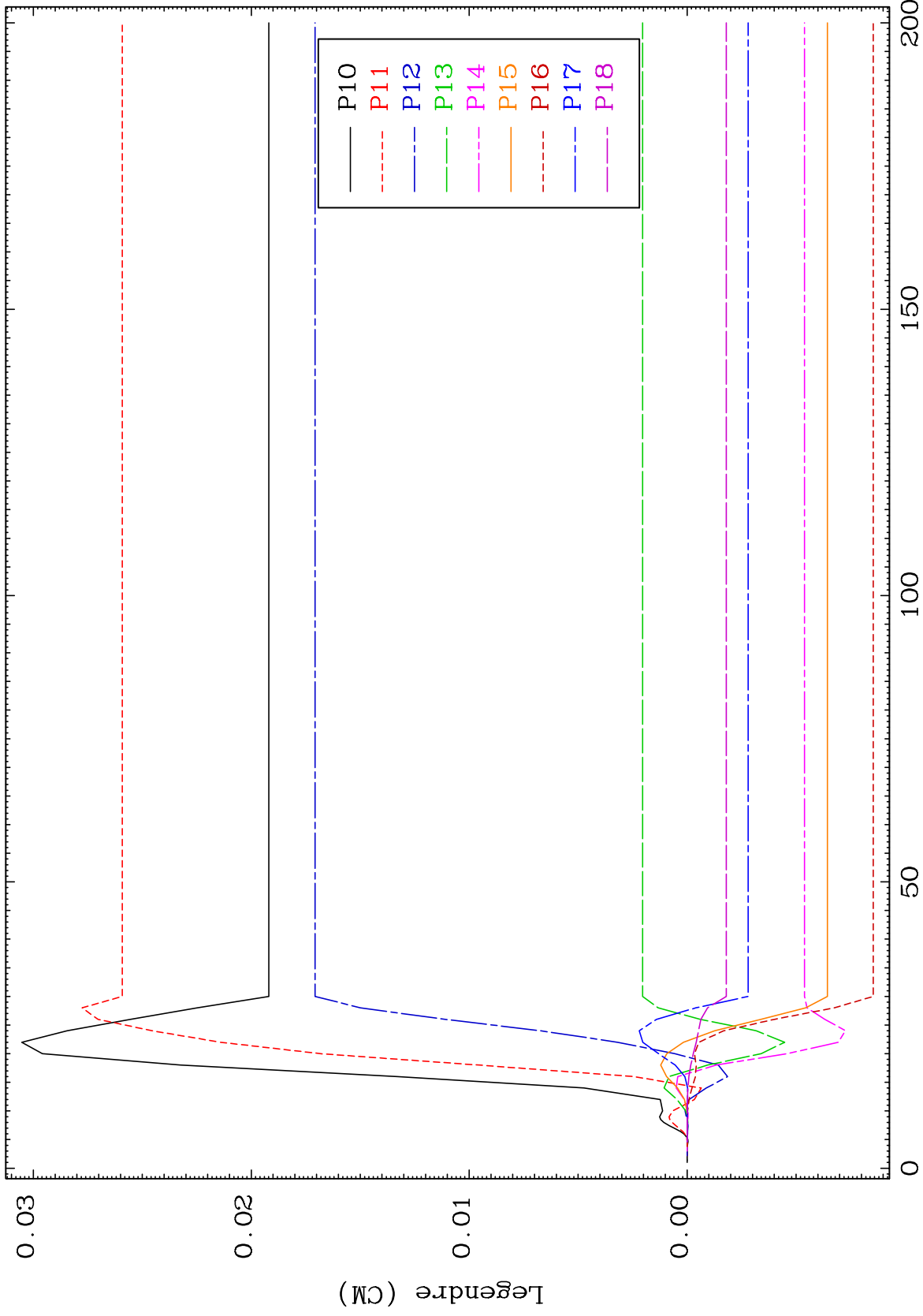
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



26

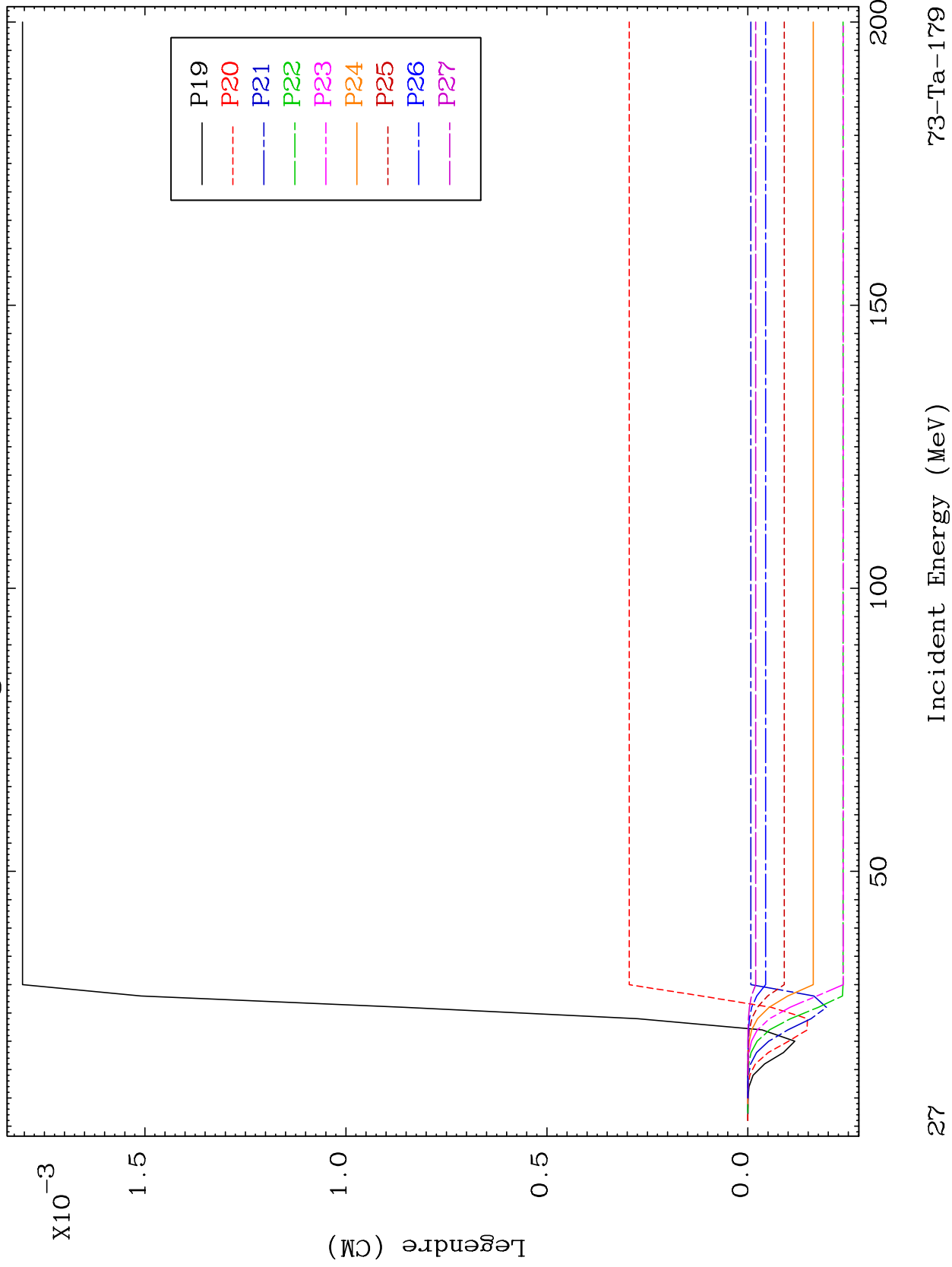
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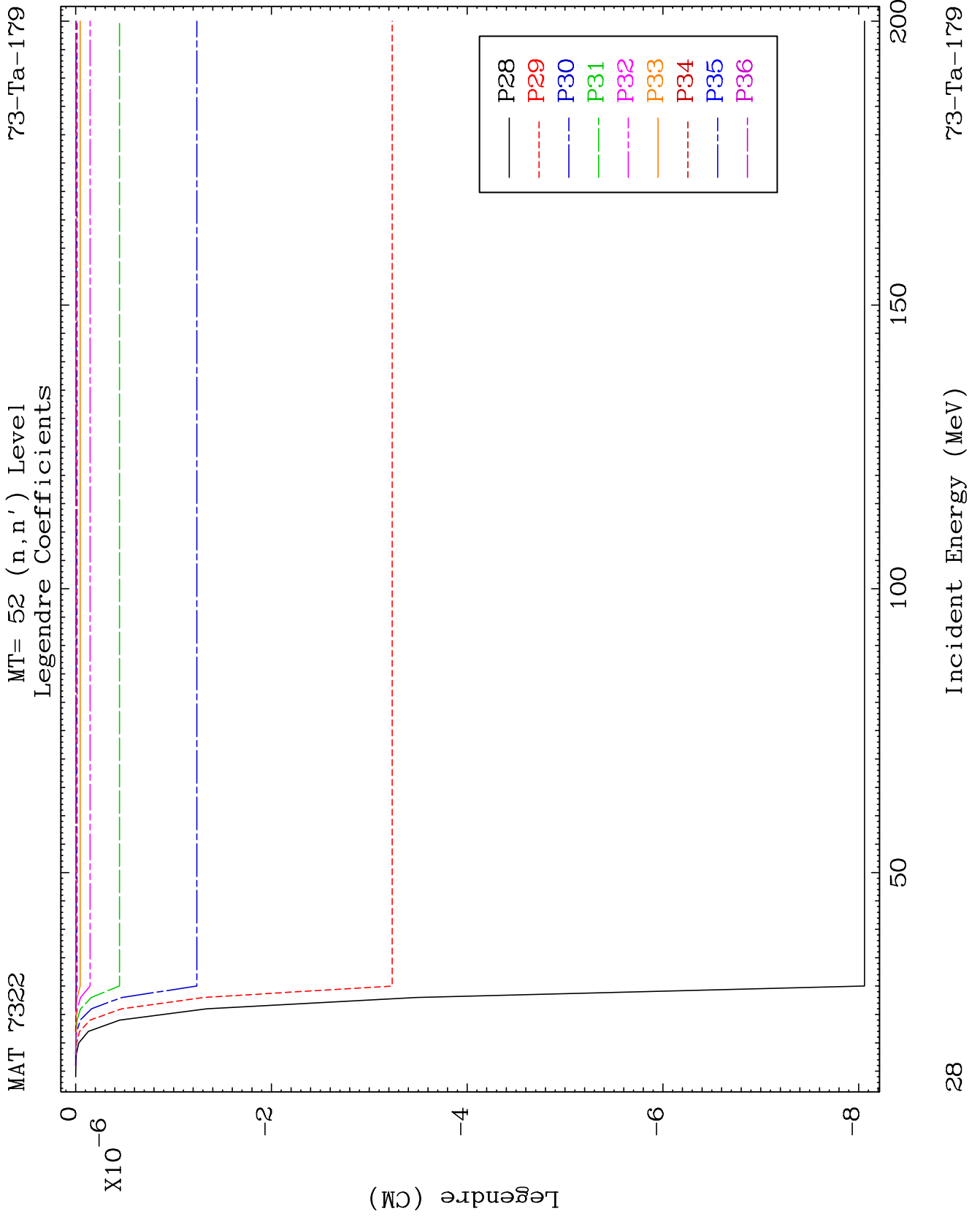
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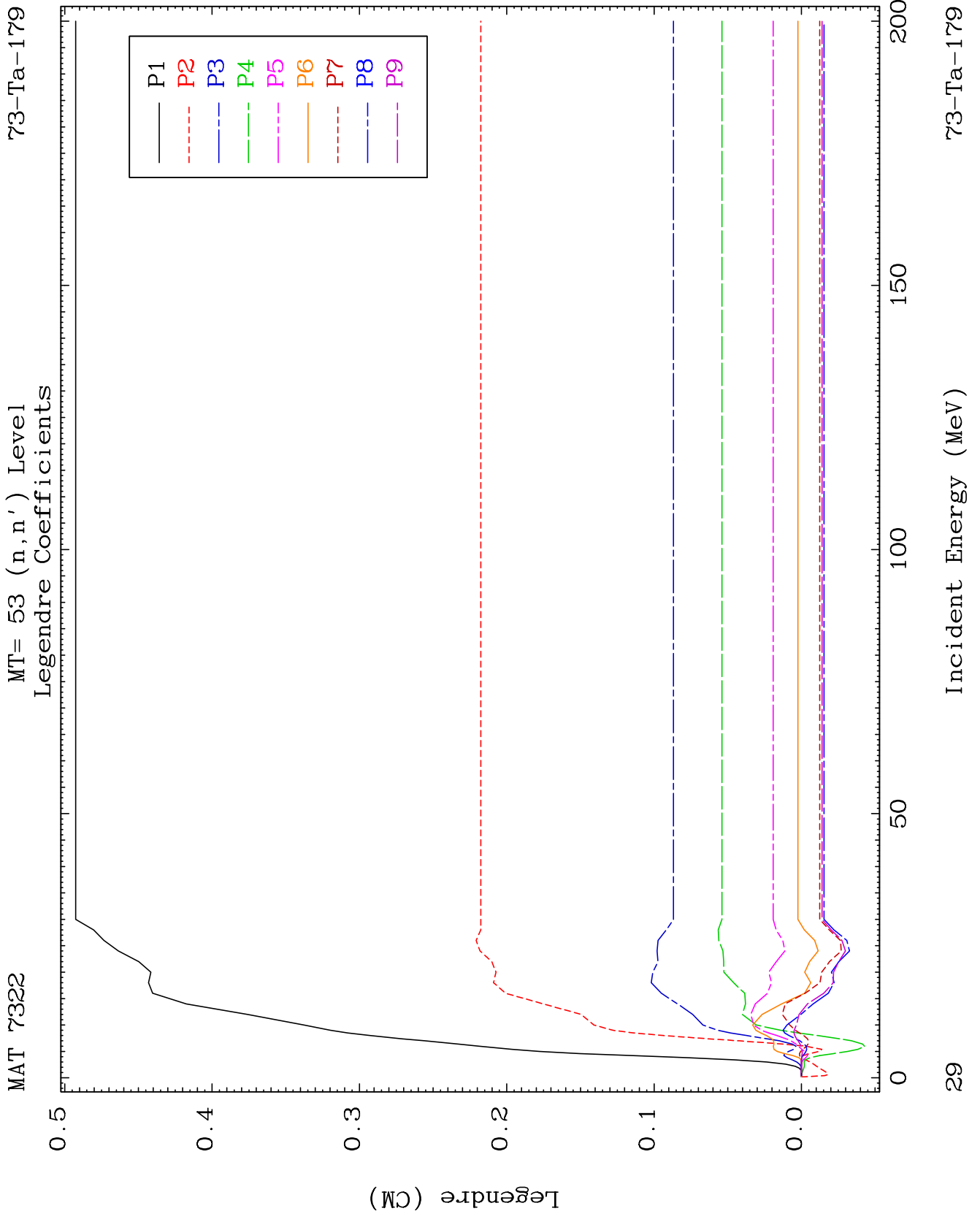
MAT 7322

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

73-Ta-179



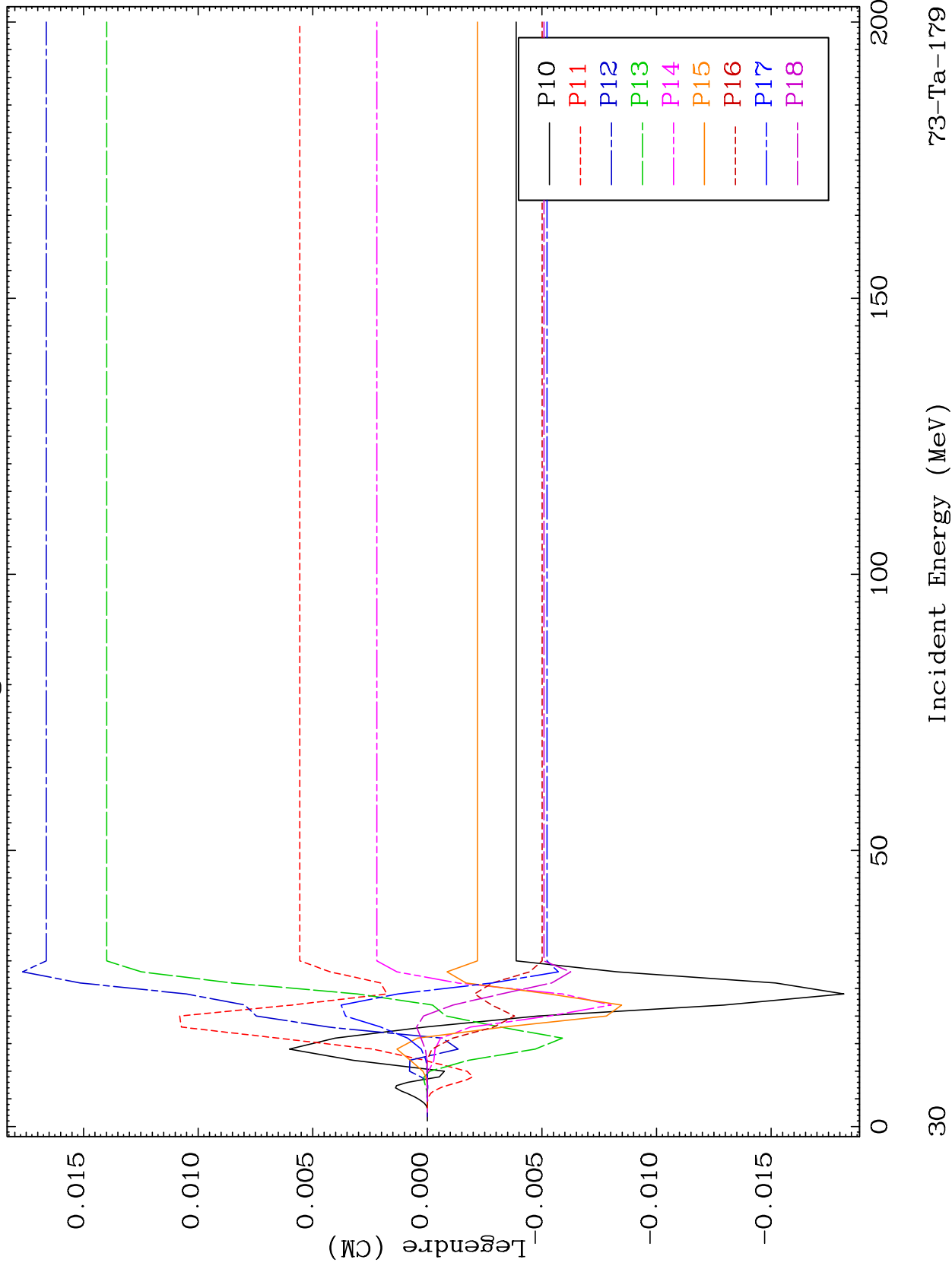




MAT 7322

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

73-Ta-179



73-Ta-179

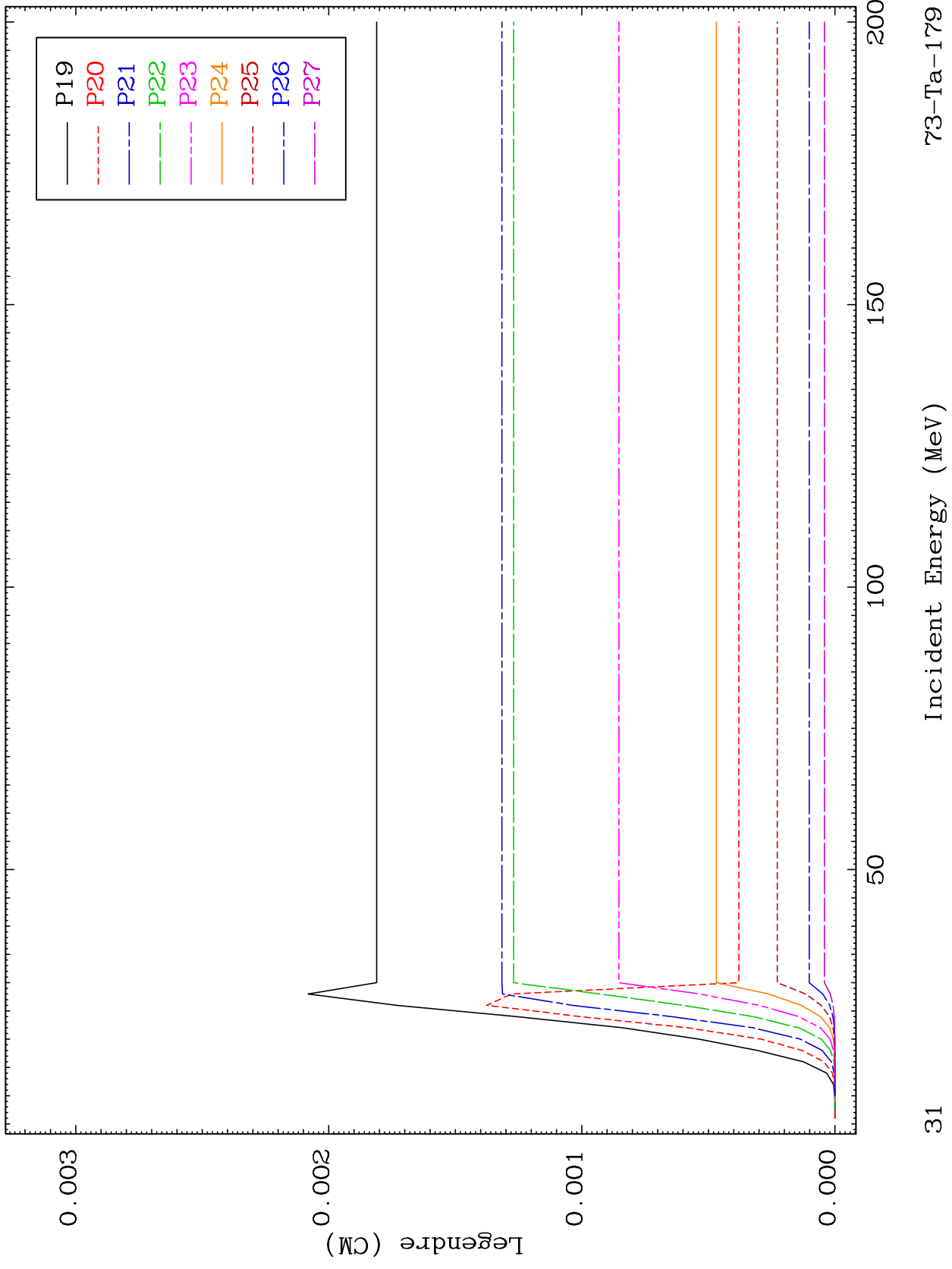
Incident Energy (MeV)

30

MAT 7322

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

73-Ta-179



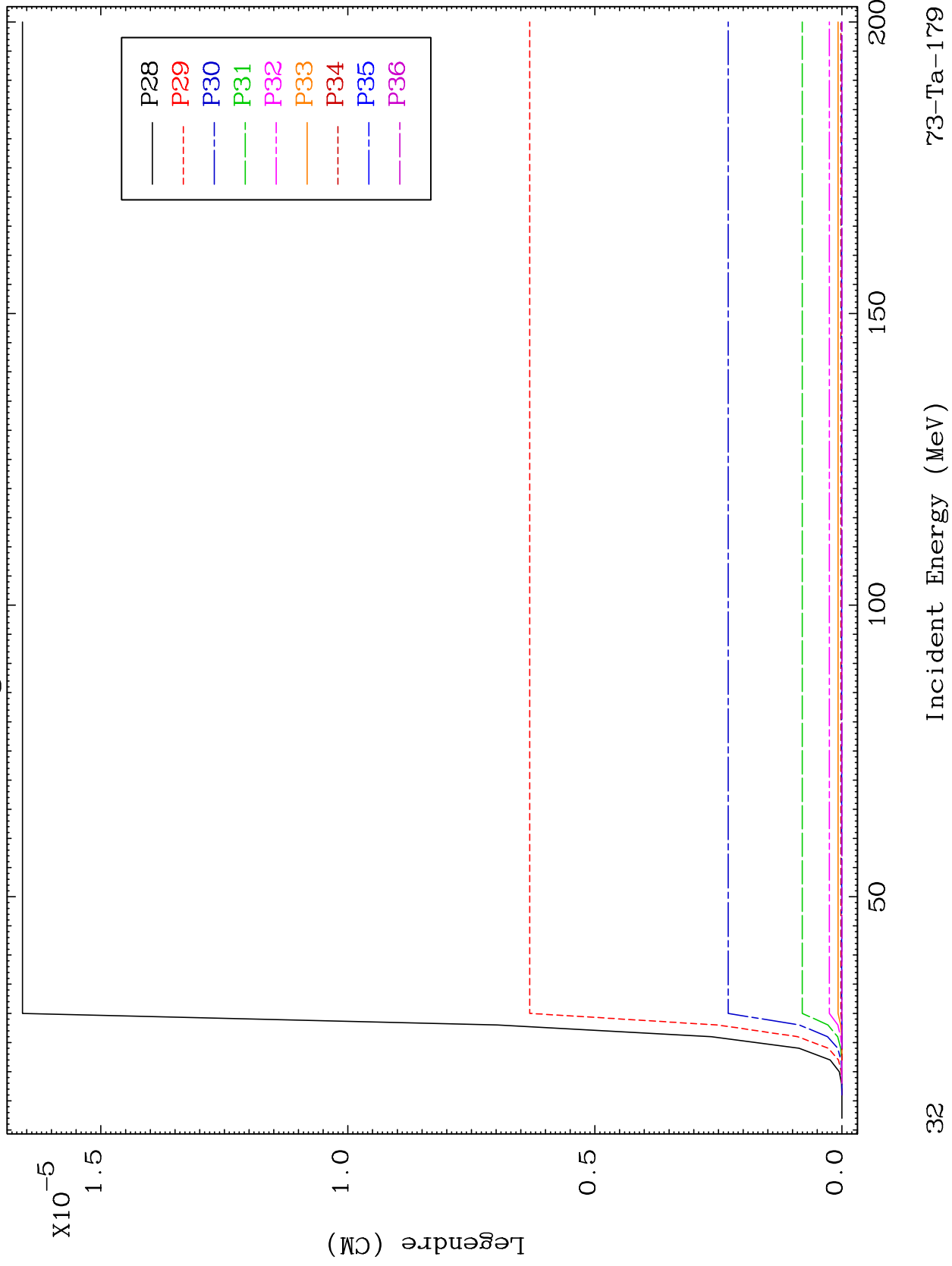
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73-Ta-179

MAT 7322

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

73-Ta-179

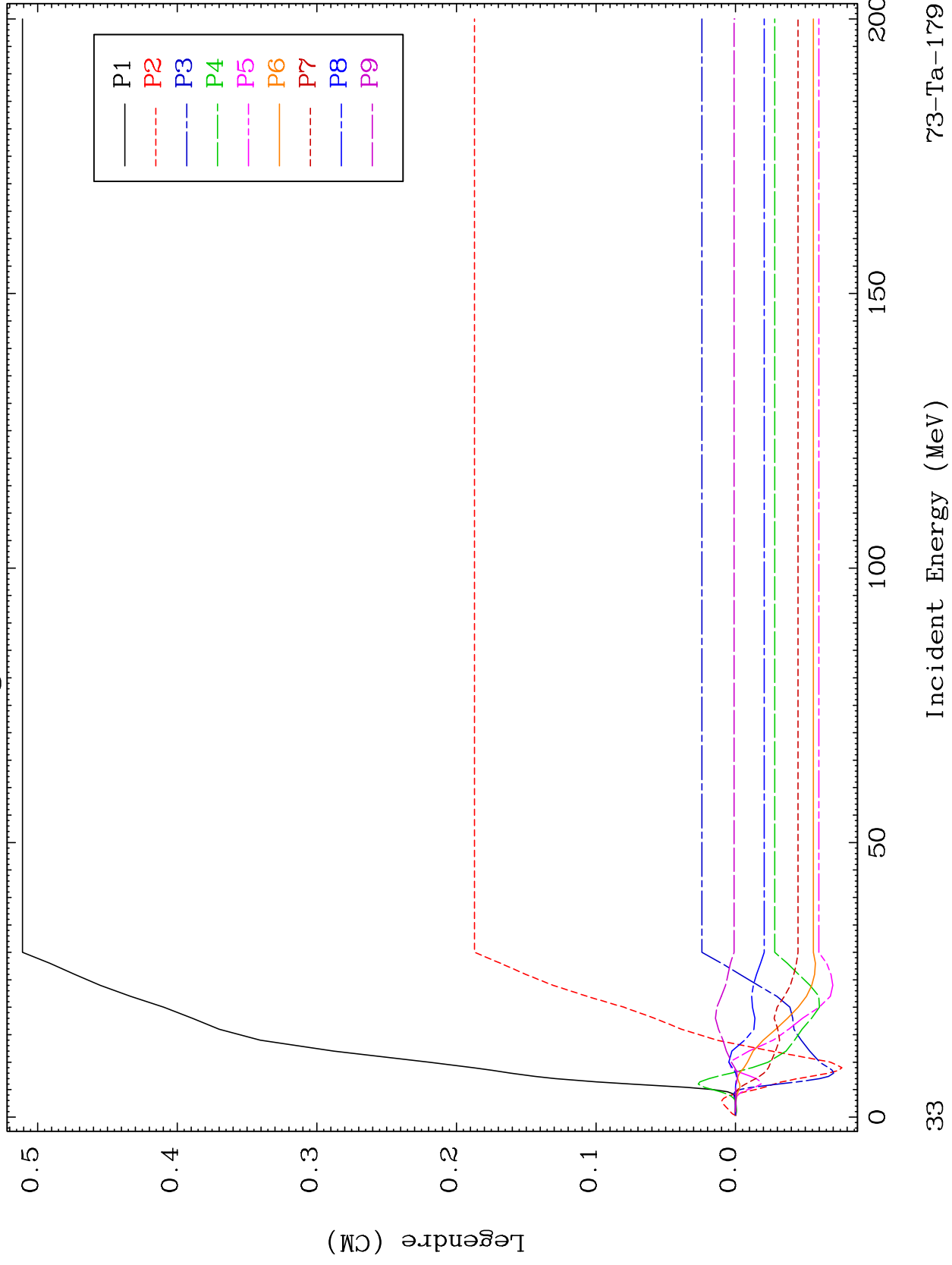


32

MAT 7322

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

73-Ta-179



73-Ta-179

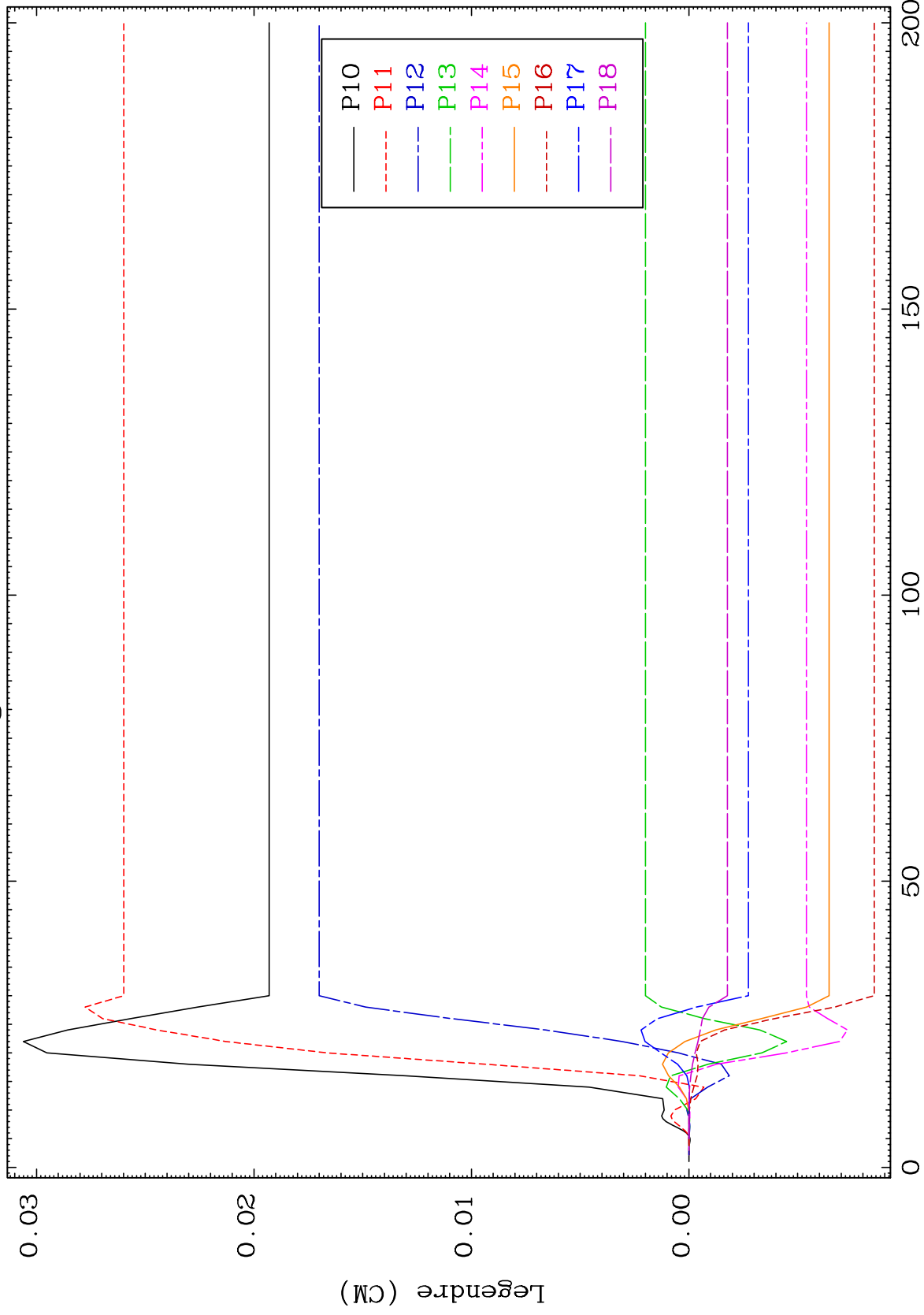
Incident Energy (MeV)

33

MAT 7322

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

73-Ta-179



34

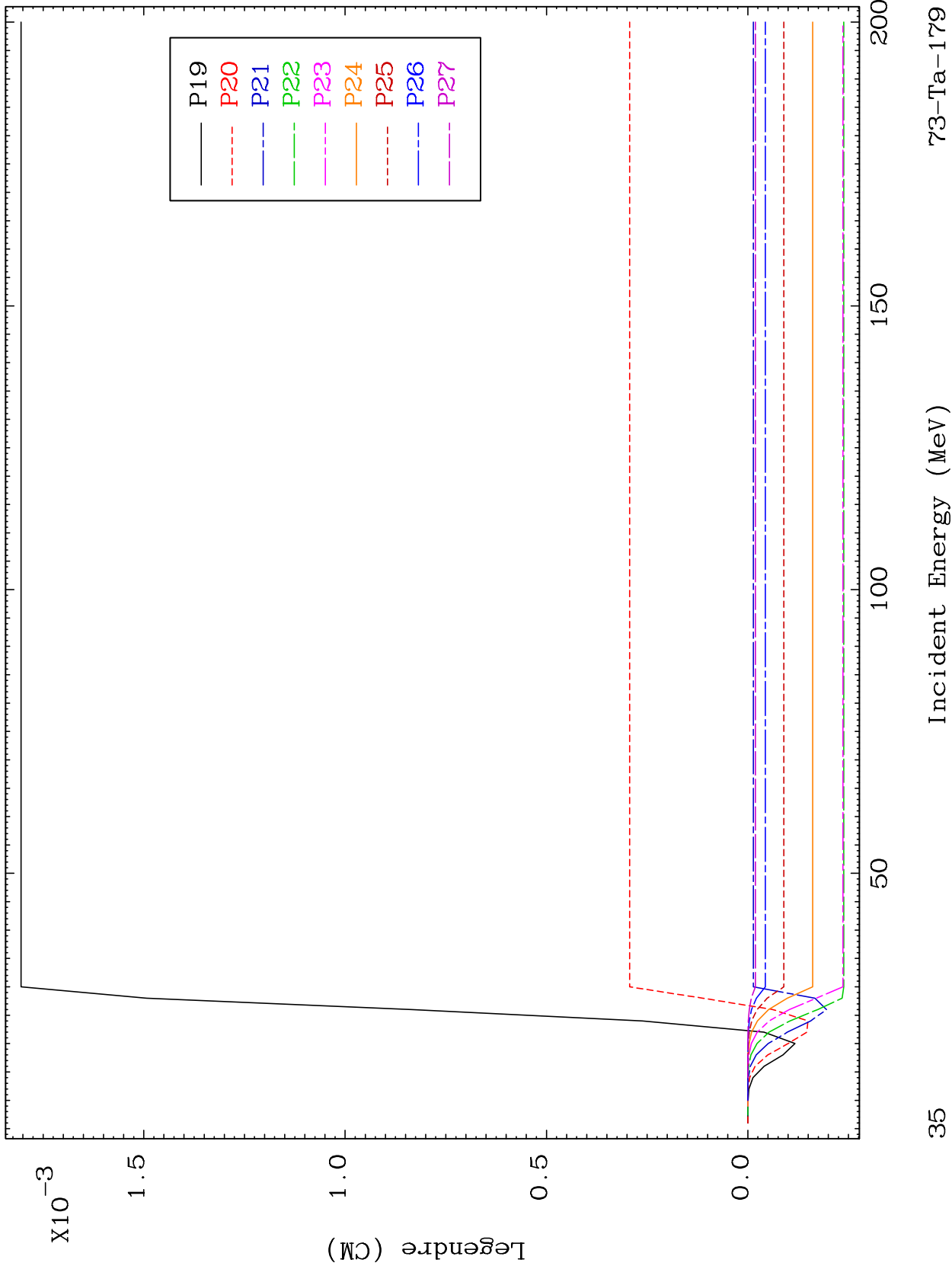
Incident Energy (MeV)

73-Ta-179

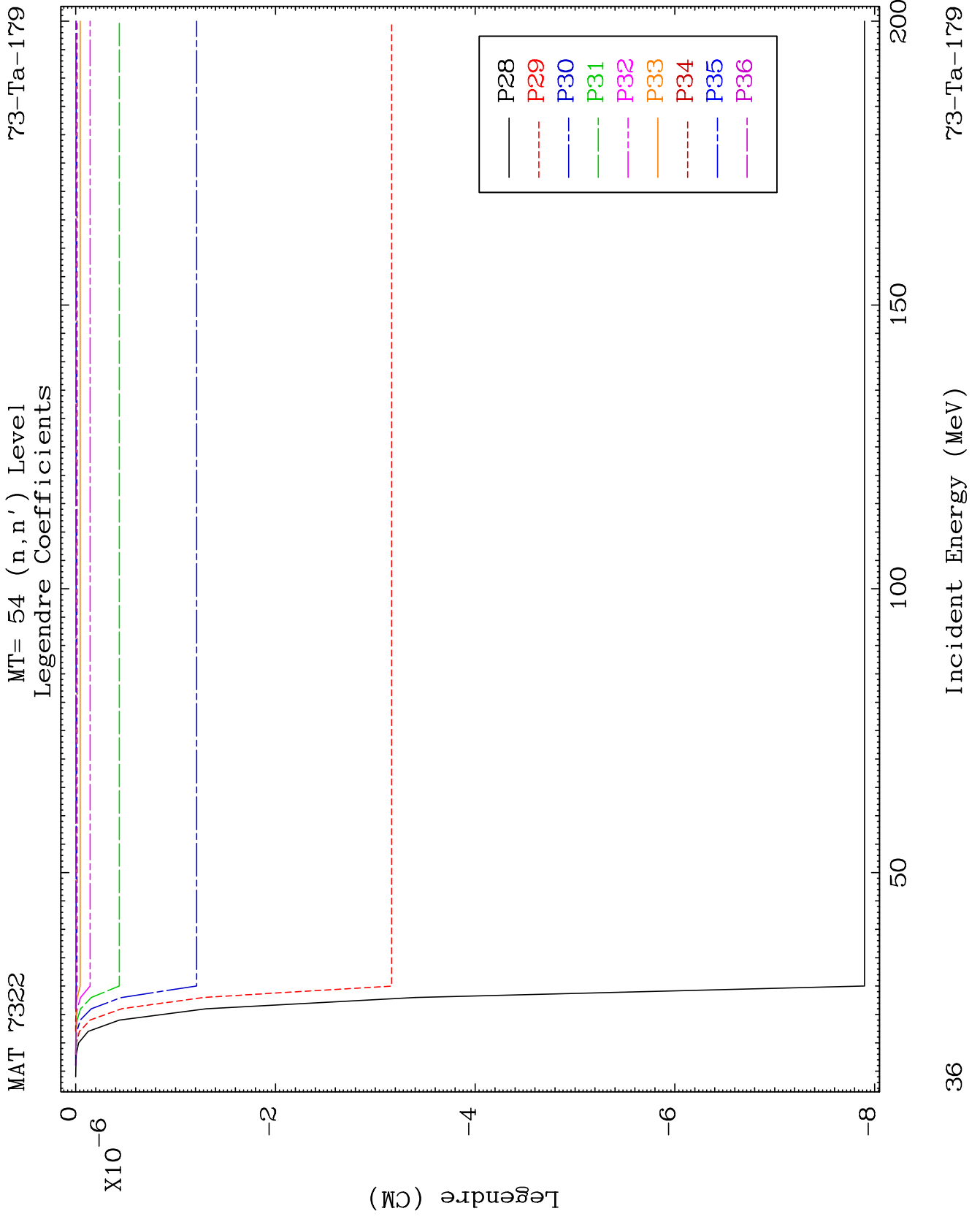
MAT 7322

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

73-Ta-179



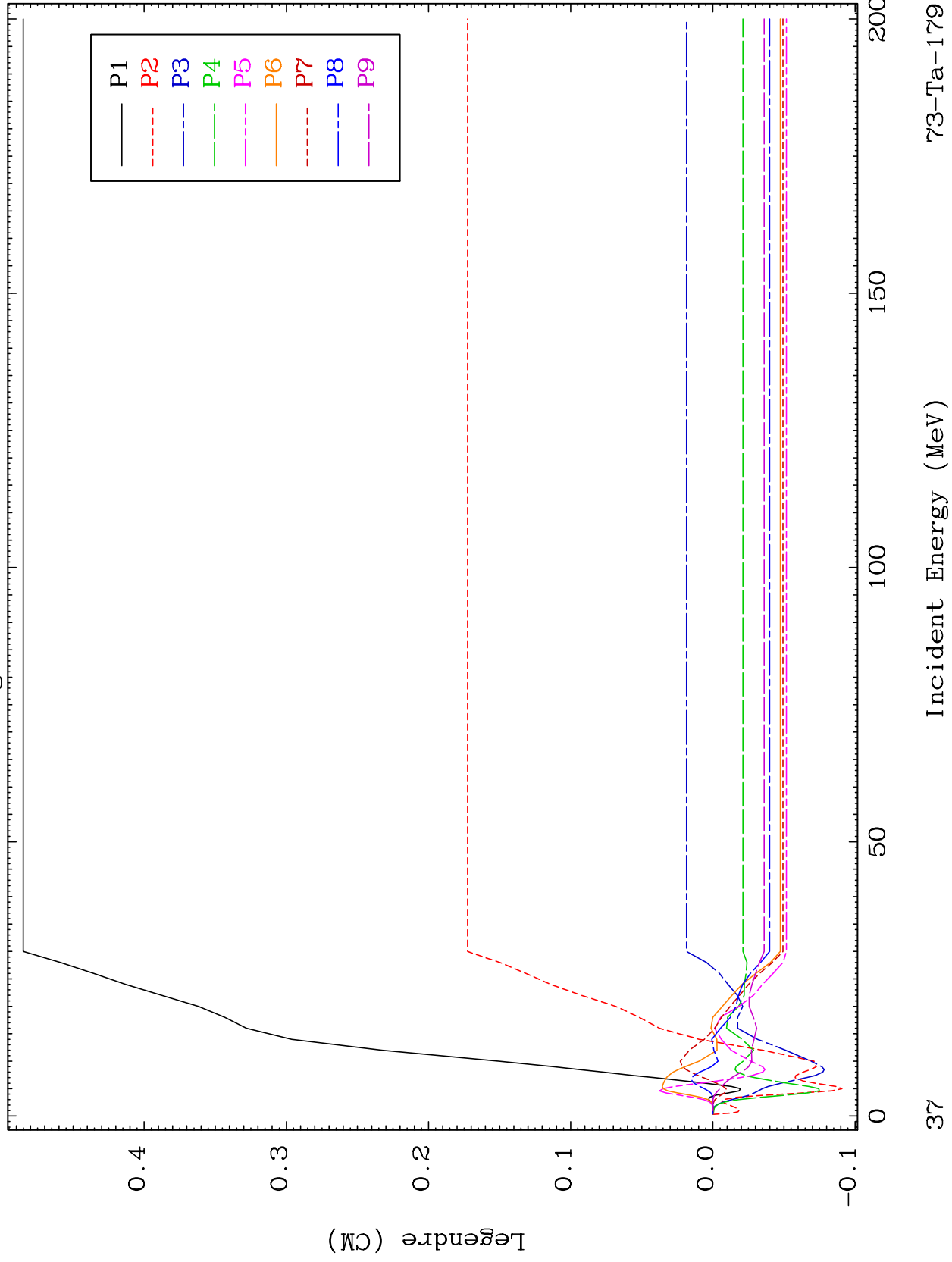
35



MAT 7322

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

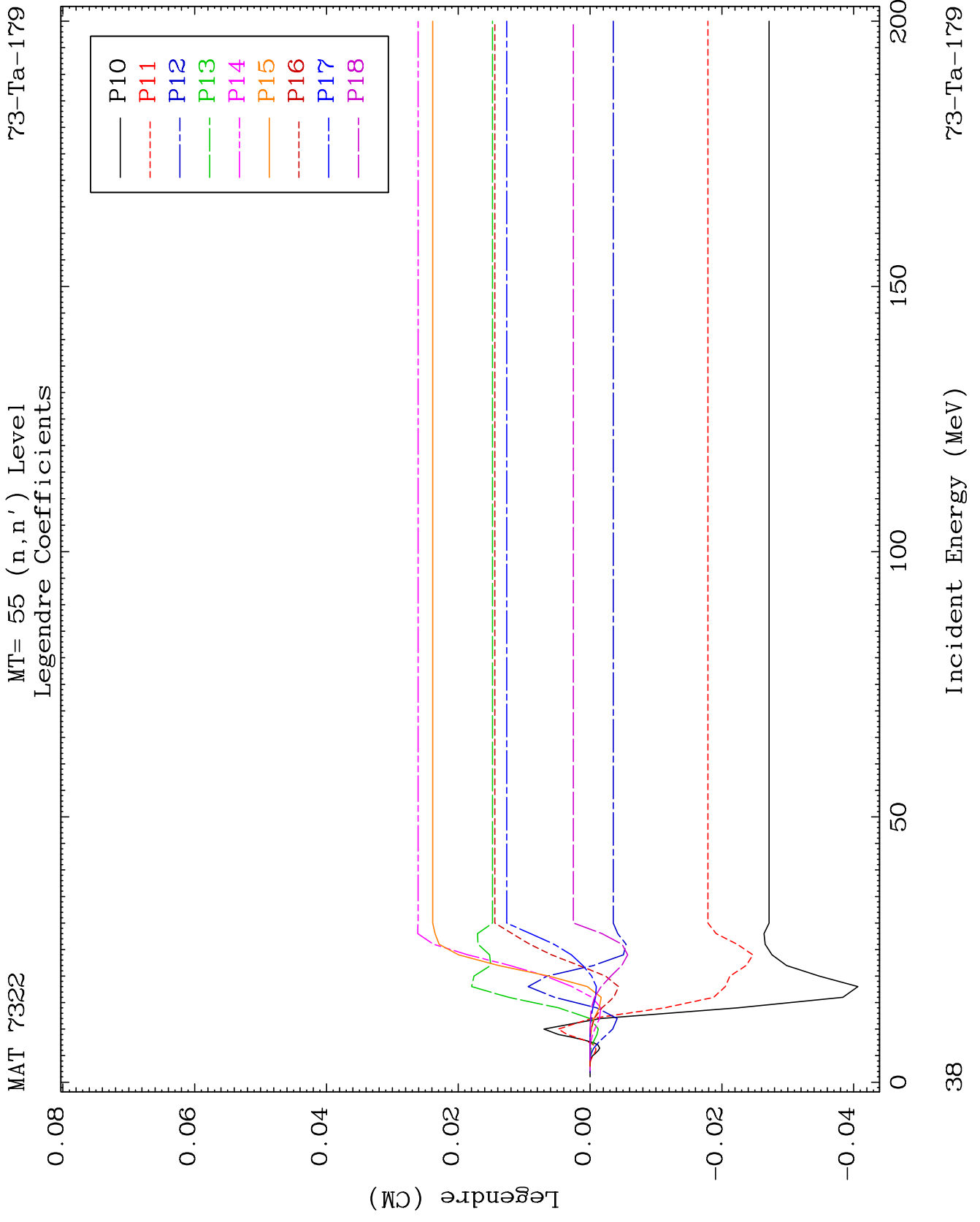
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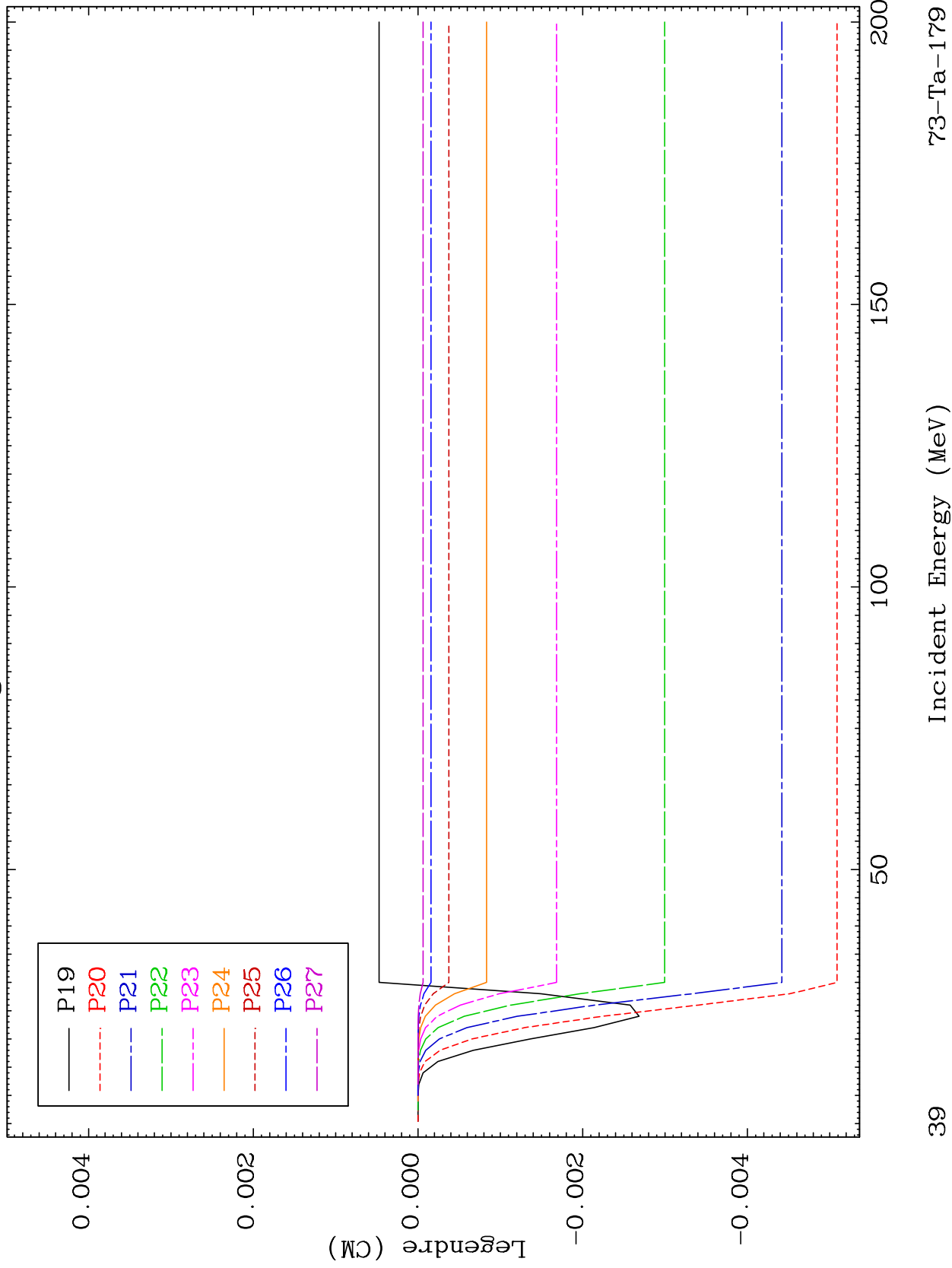


73-Ta-179

Incident Energy (MeV)

37

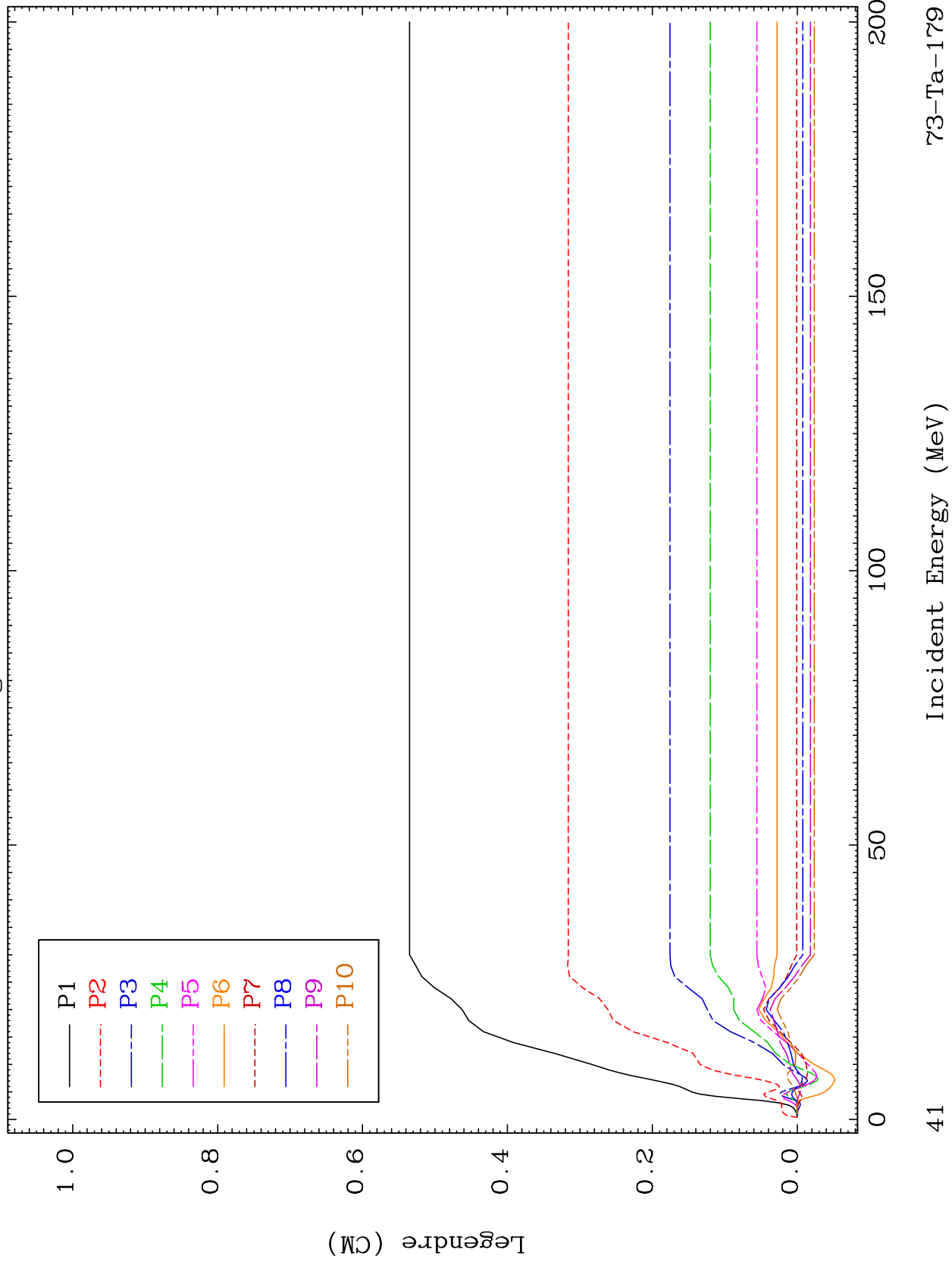




MAT 7322

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

⁷³Ta-179

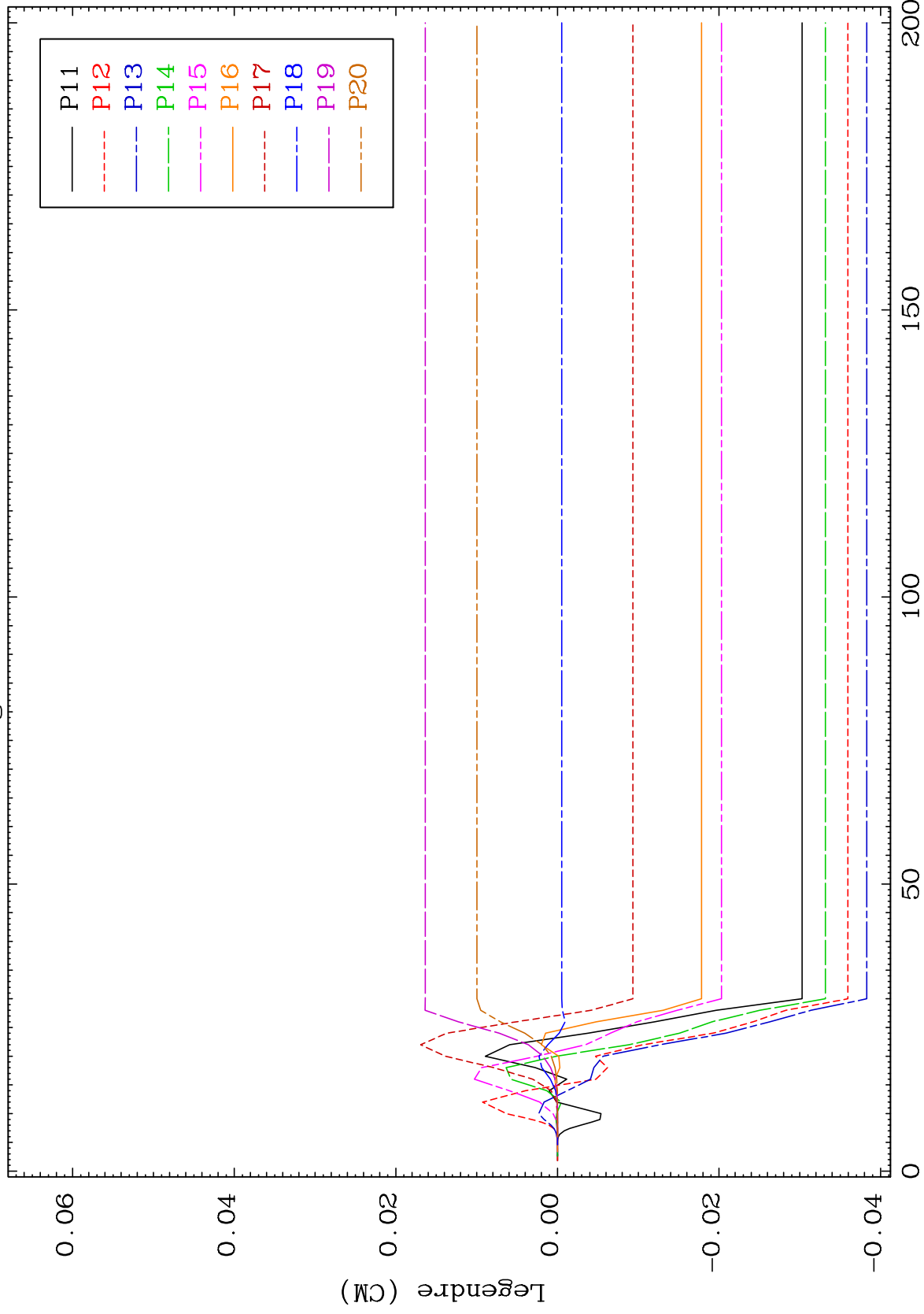


41

MAT 7322

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

73-Ta-179



42

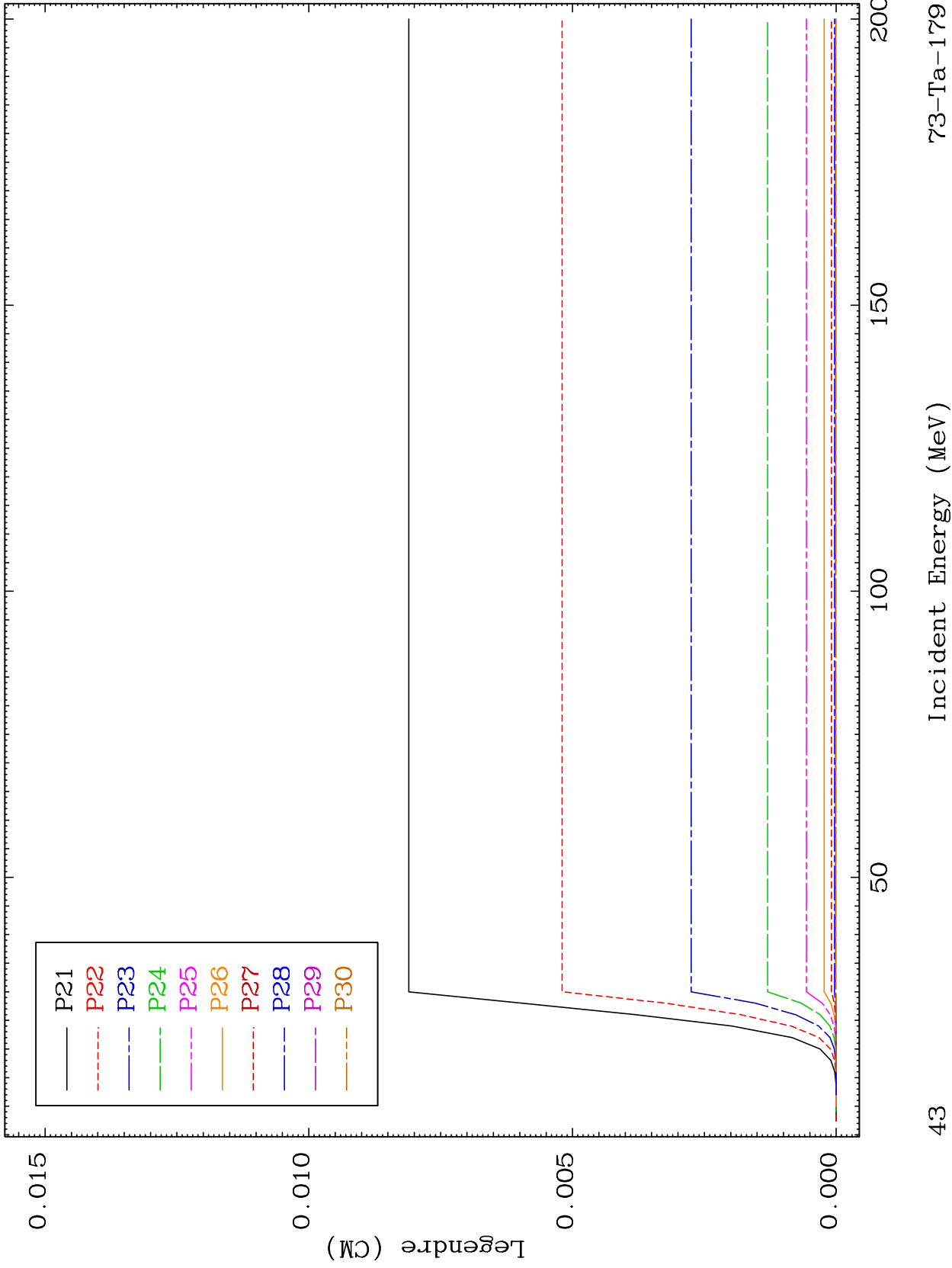
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



43

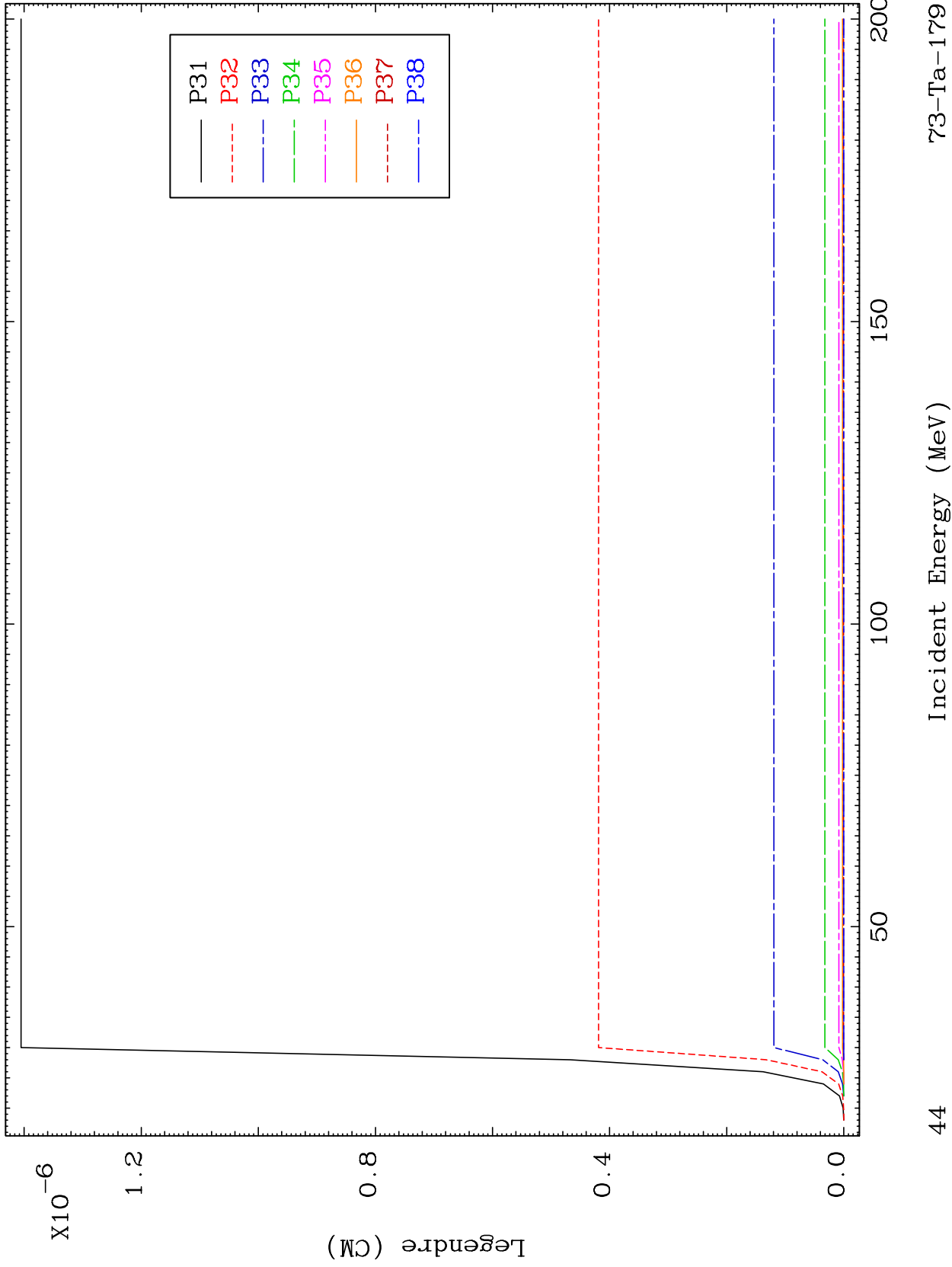
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



44

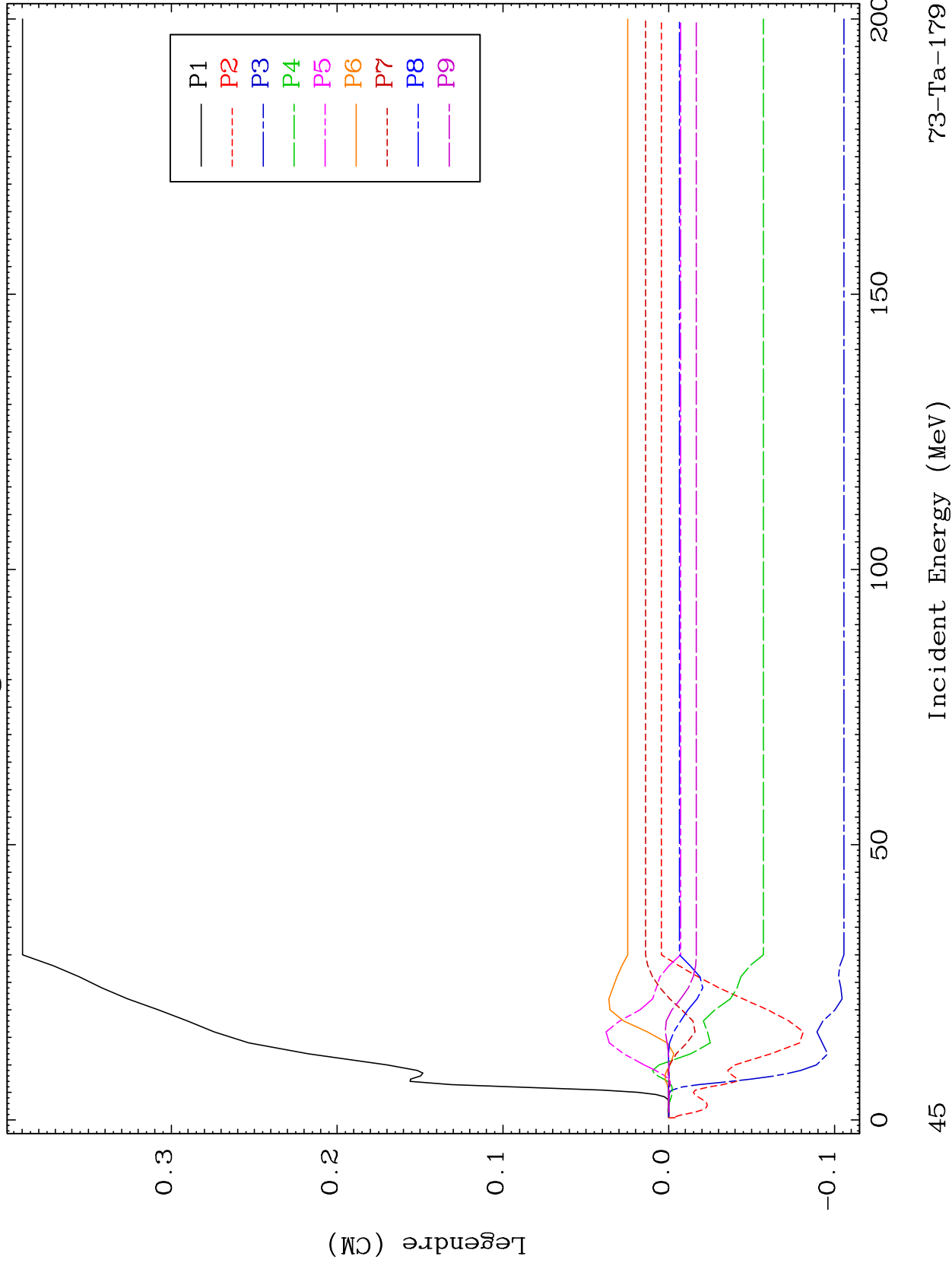
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

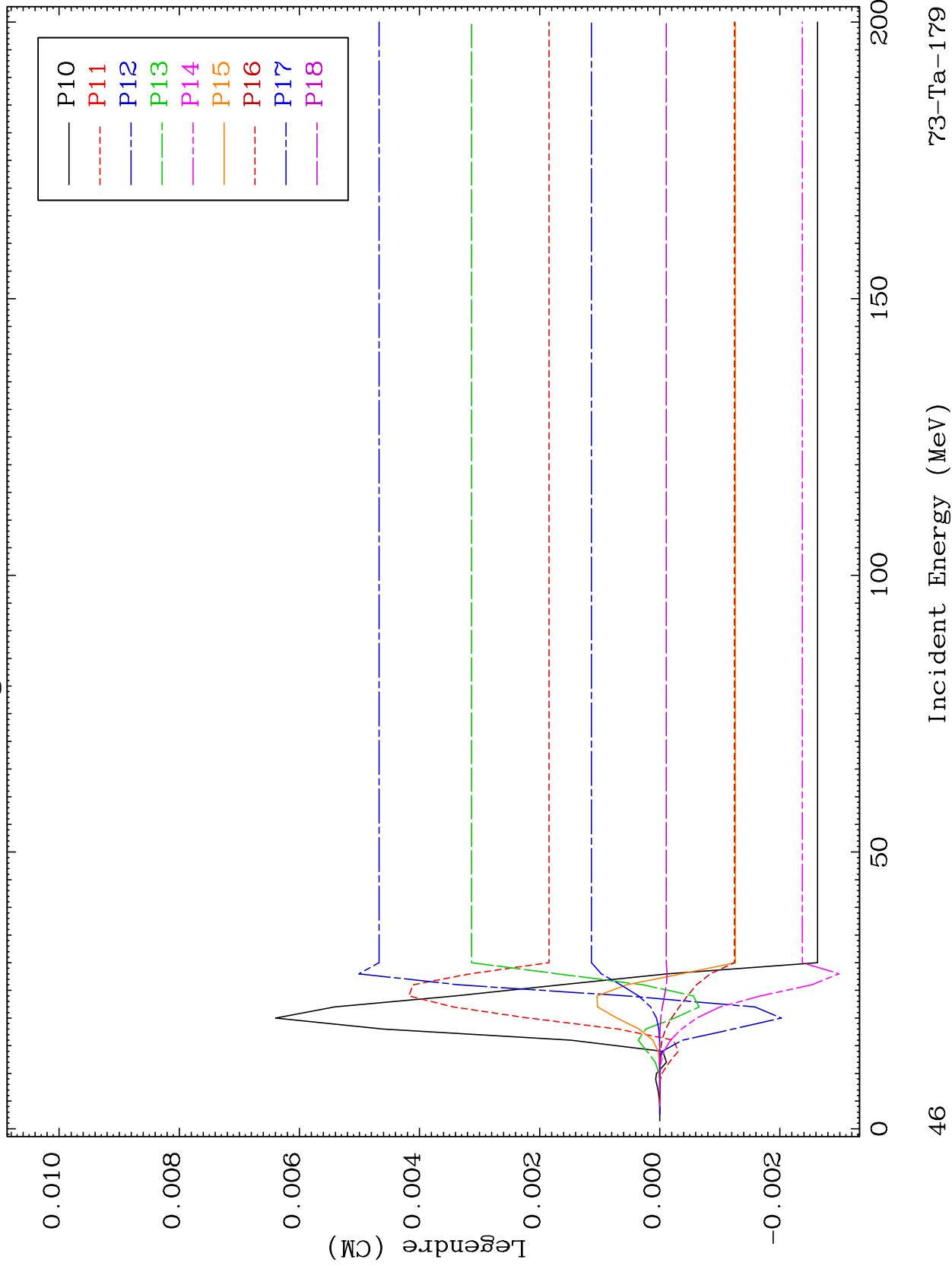
73-Ta-179



MAT 7322

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

73-Ta-179



73-Ta-179

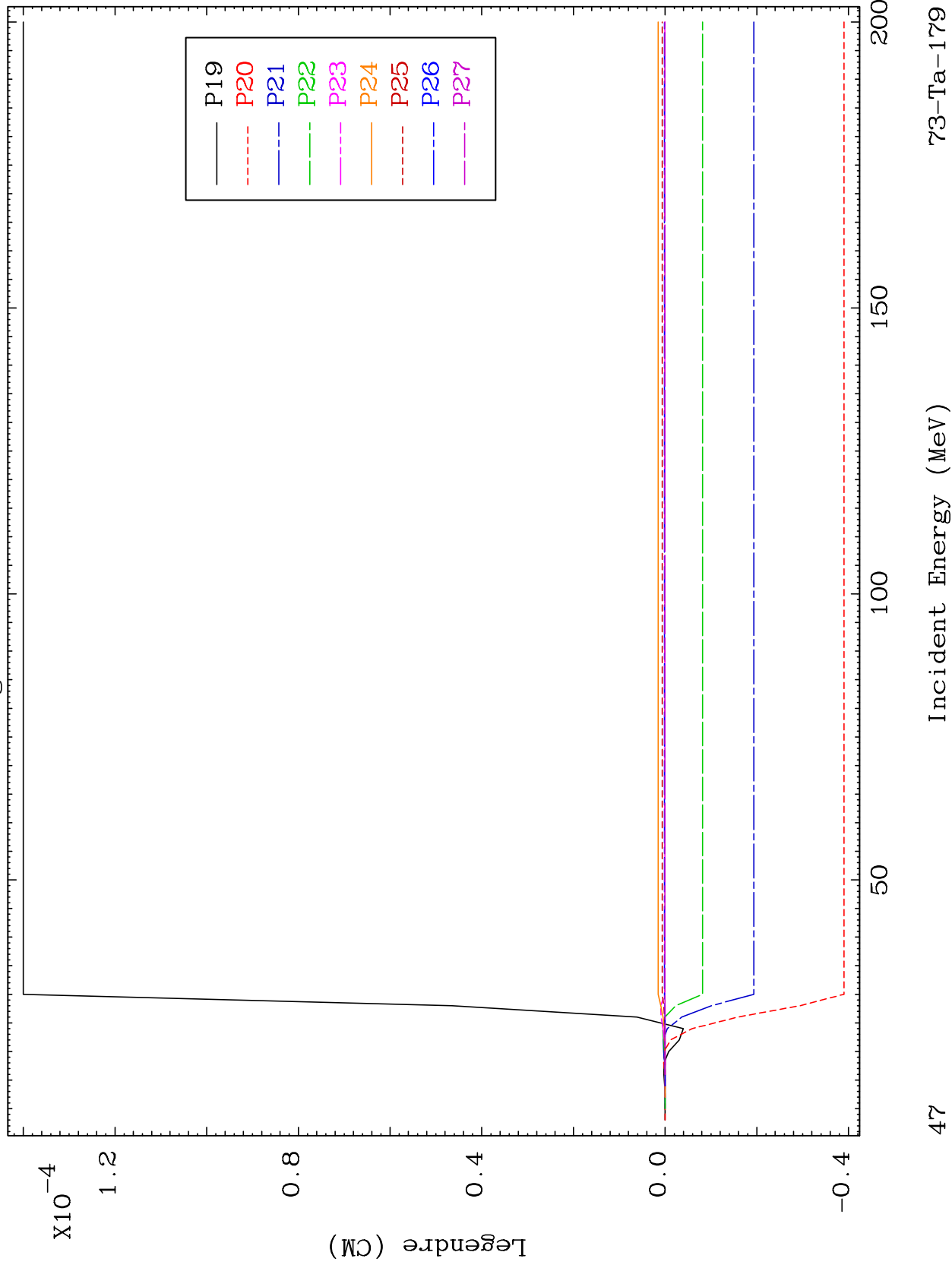
Incident Energy (MeV)

46

MAT 7322

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

73-Ta-179



47

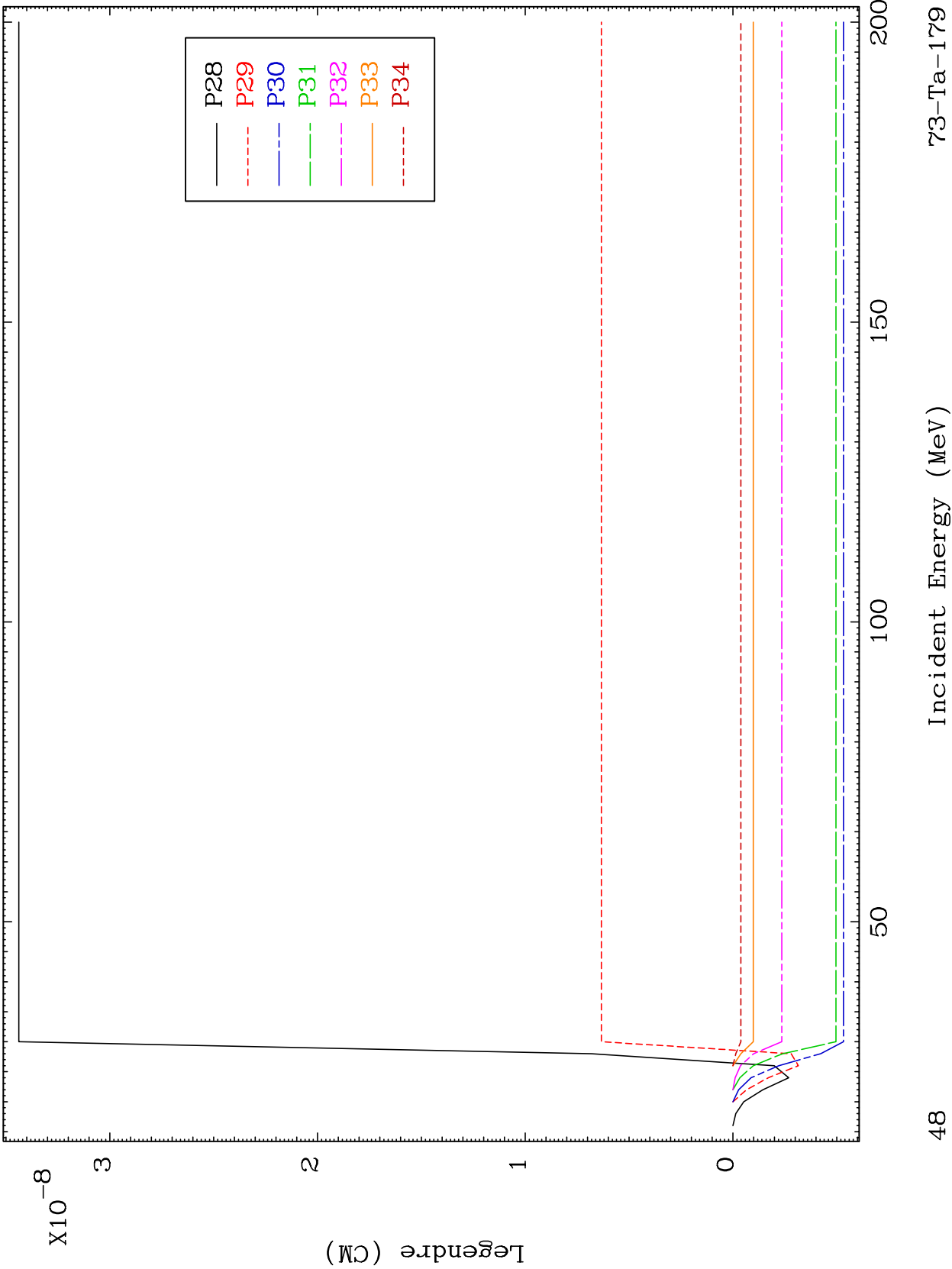
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



48

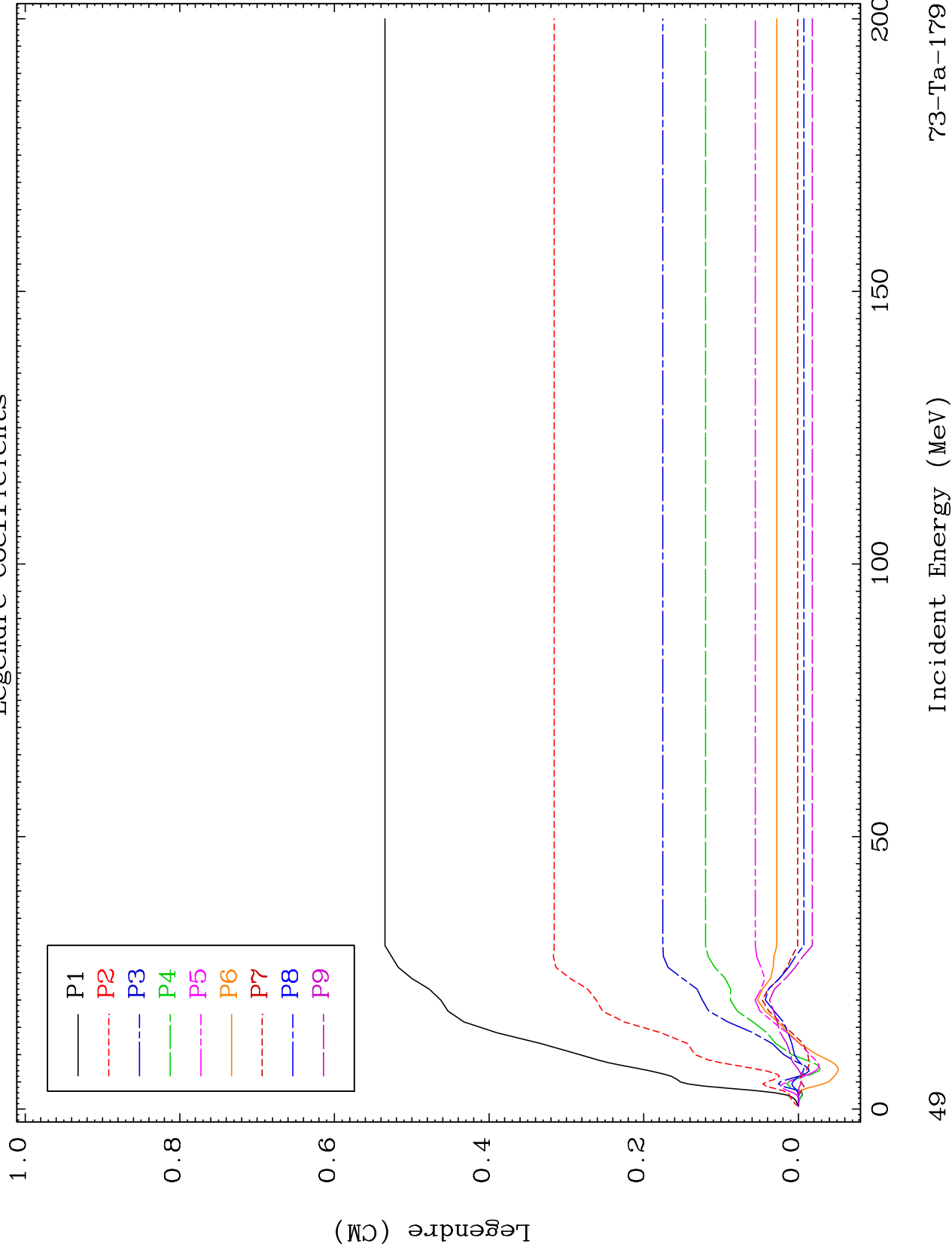
Incident Energy (MeV)

73-Ta-179

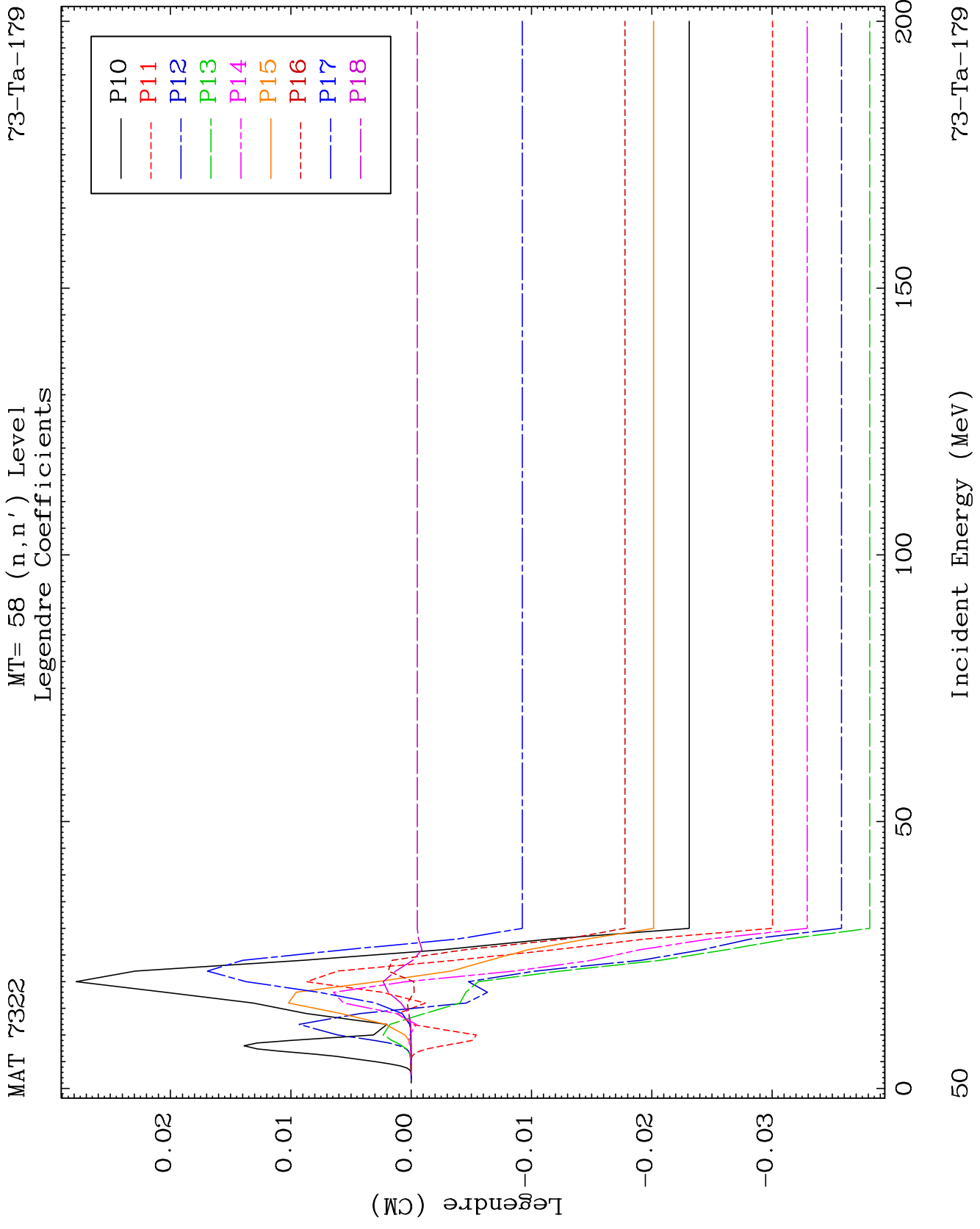
MAT 7322

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

⁷³Ta-179



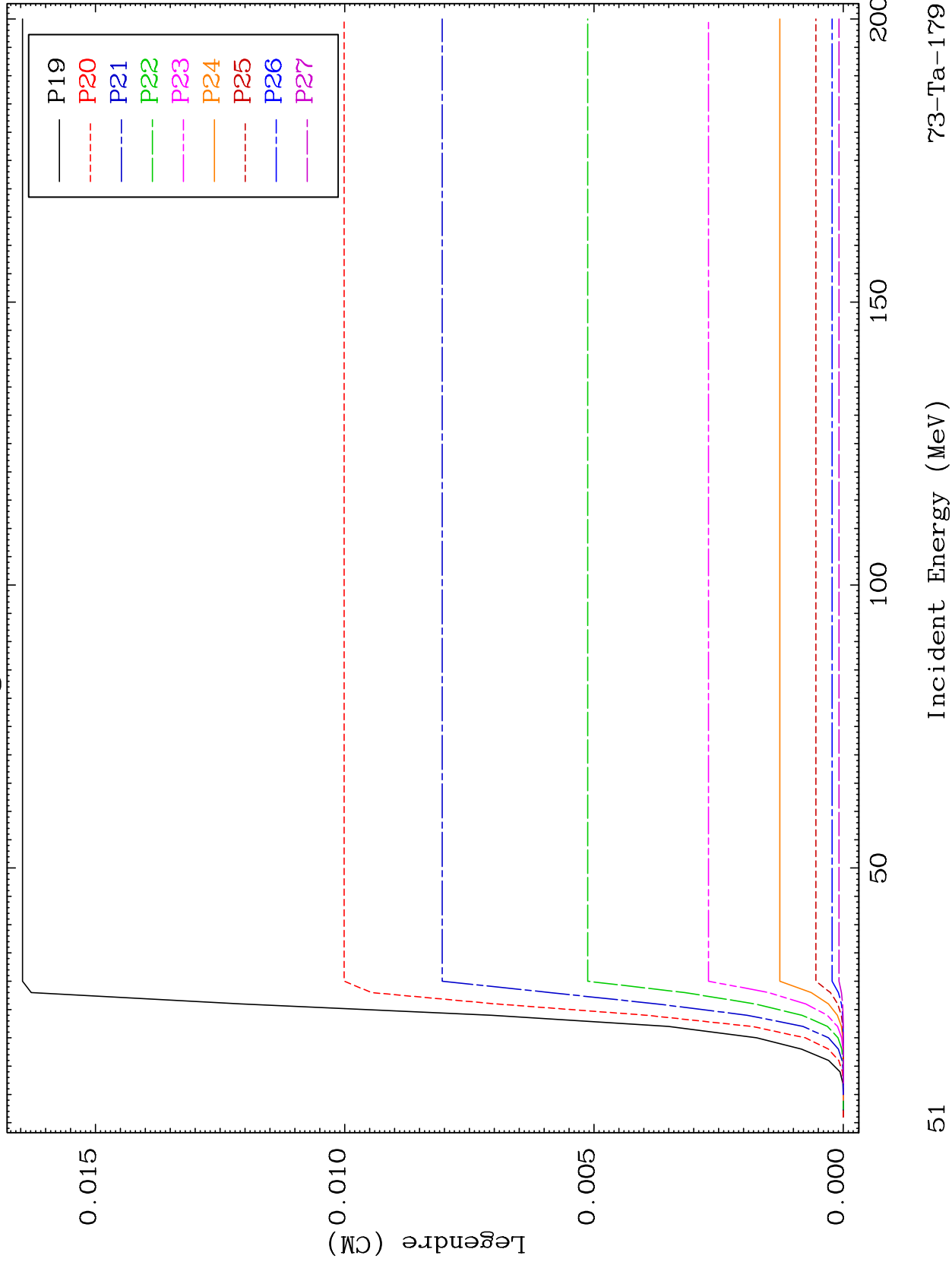
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MAT 7322

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

73-Ta-179



51

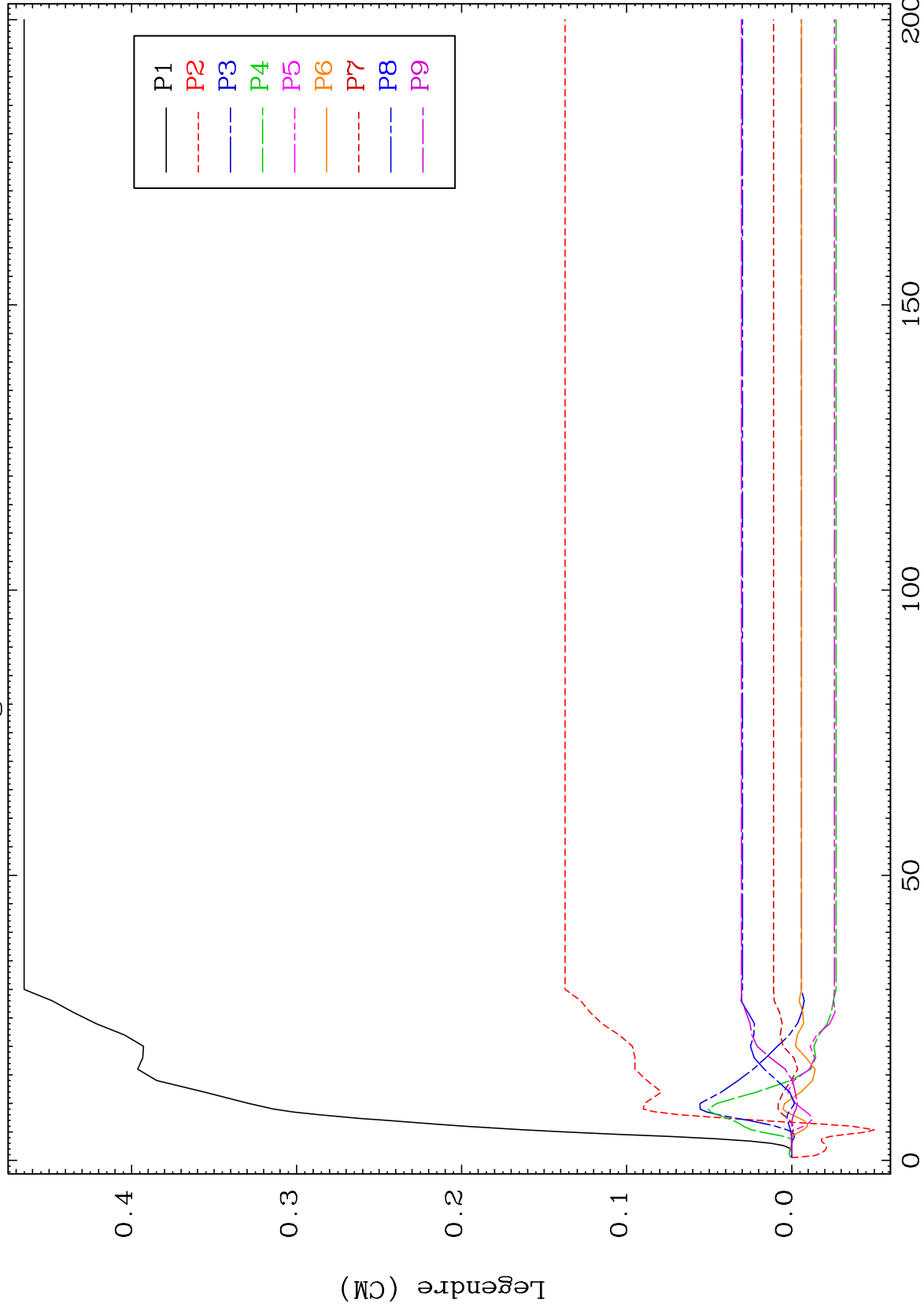
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



53

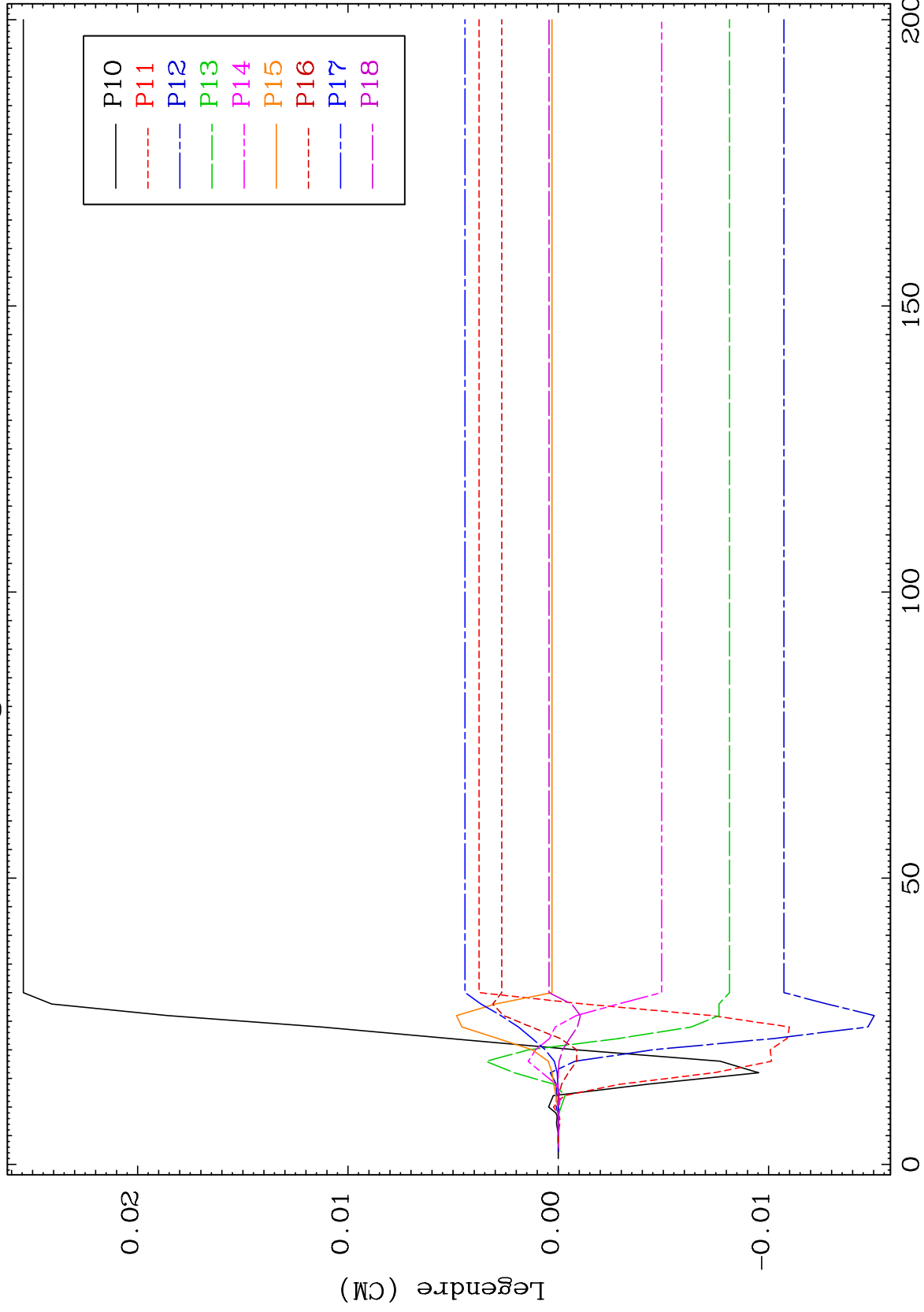
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



54

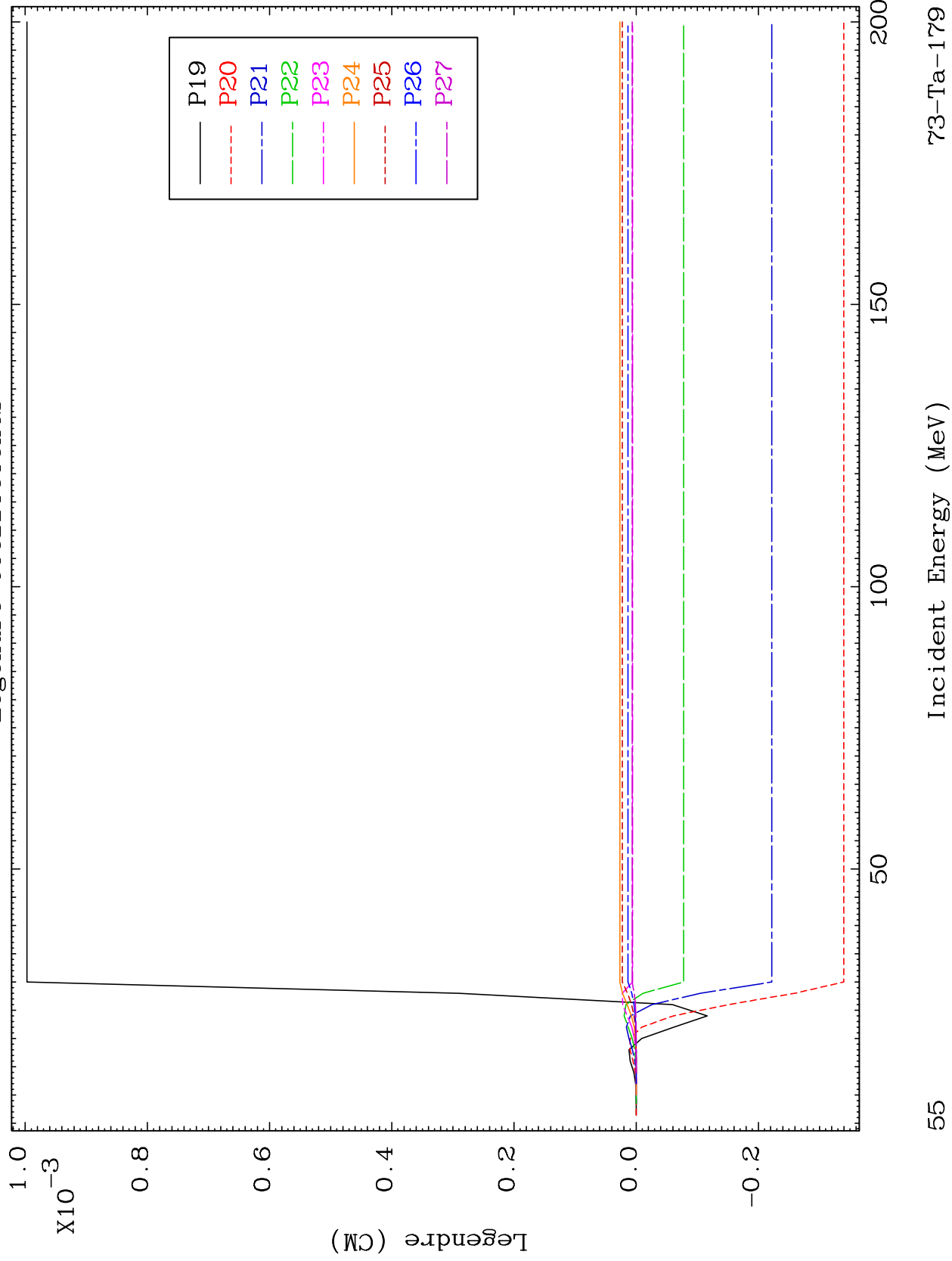
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

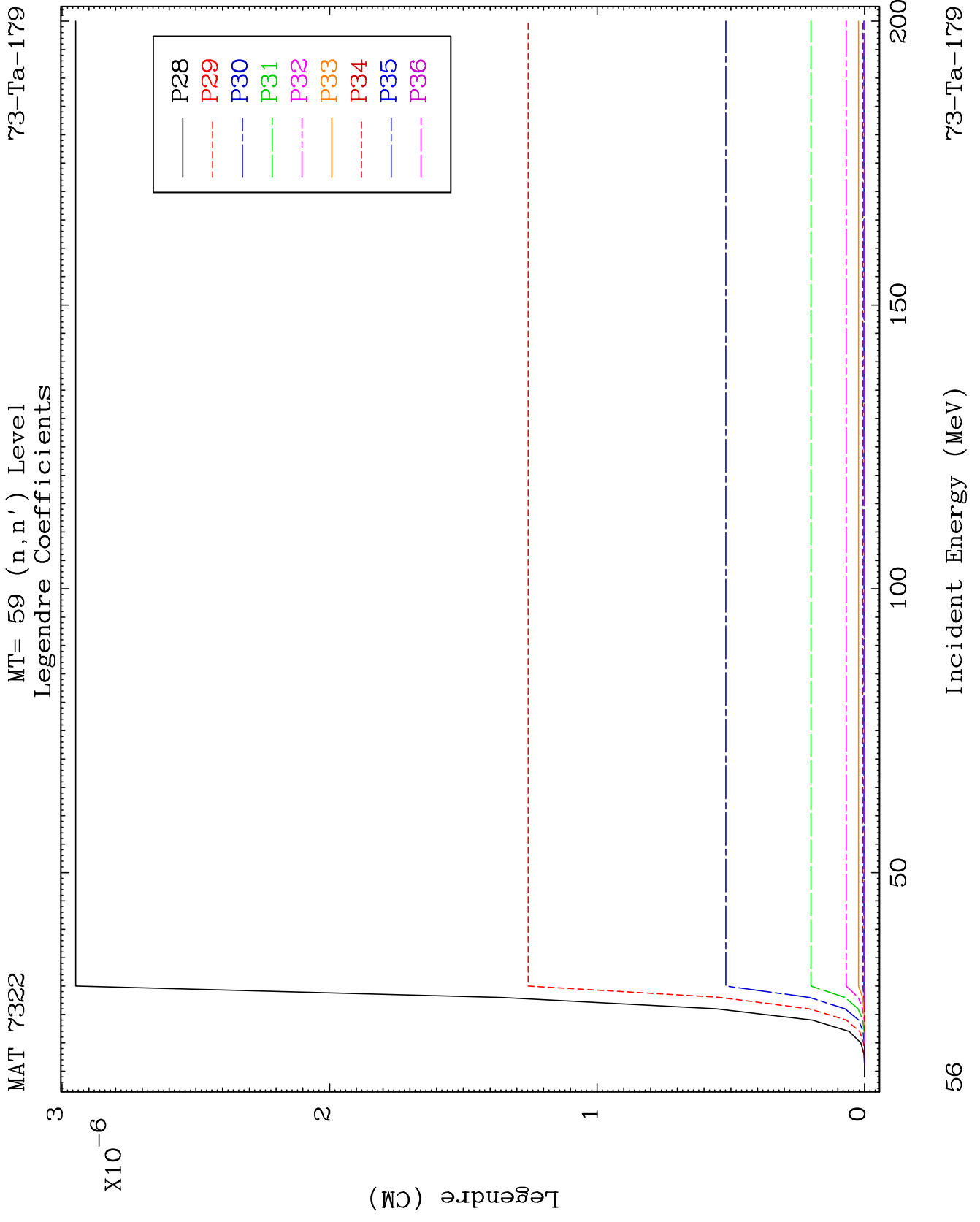
73-Ta-179



55

Incident Energy (MeV)

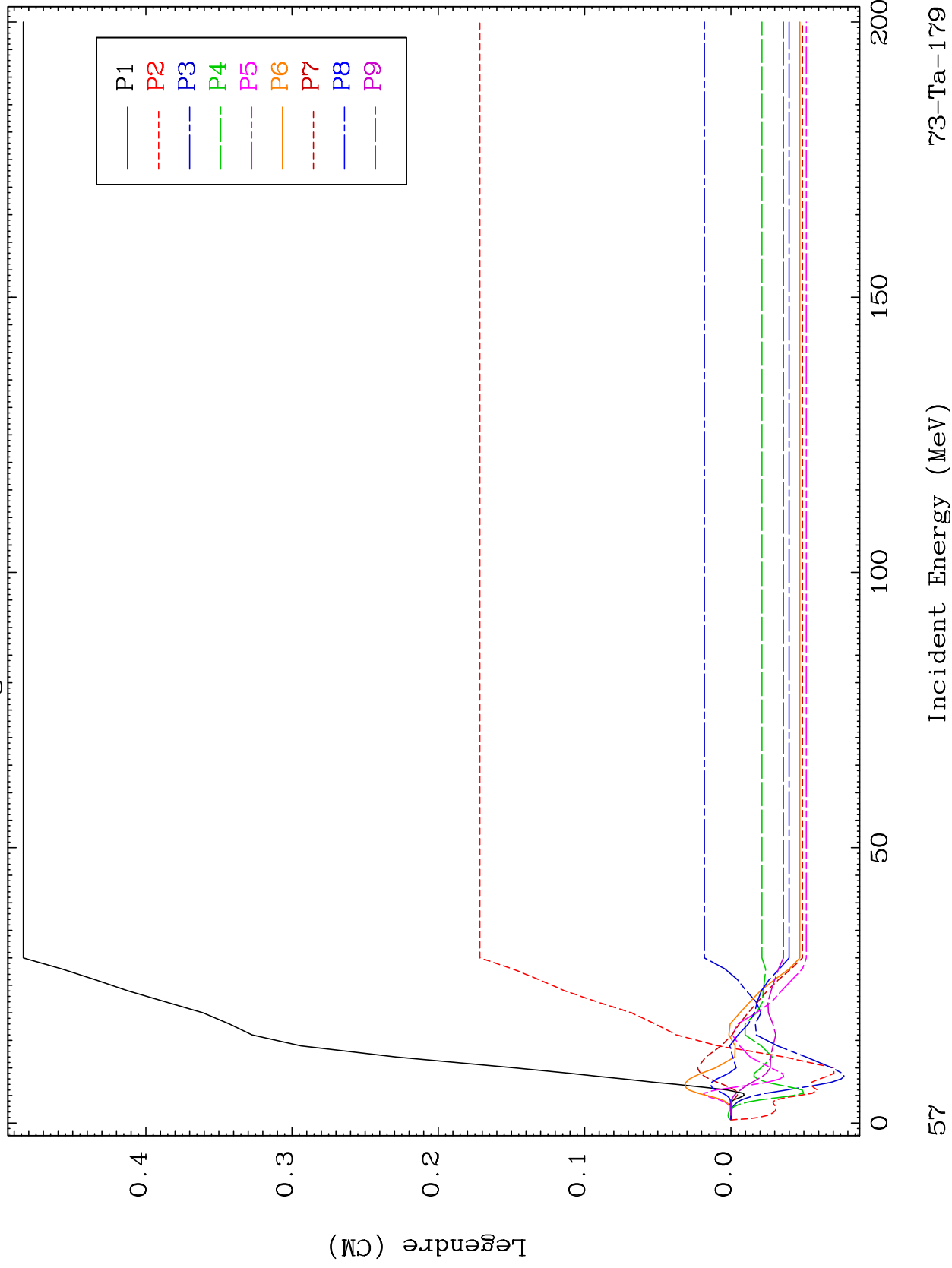
73-Ta-179



MAT 7322

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

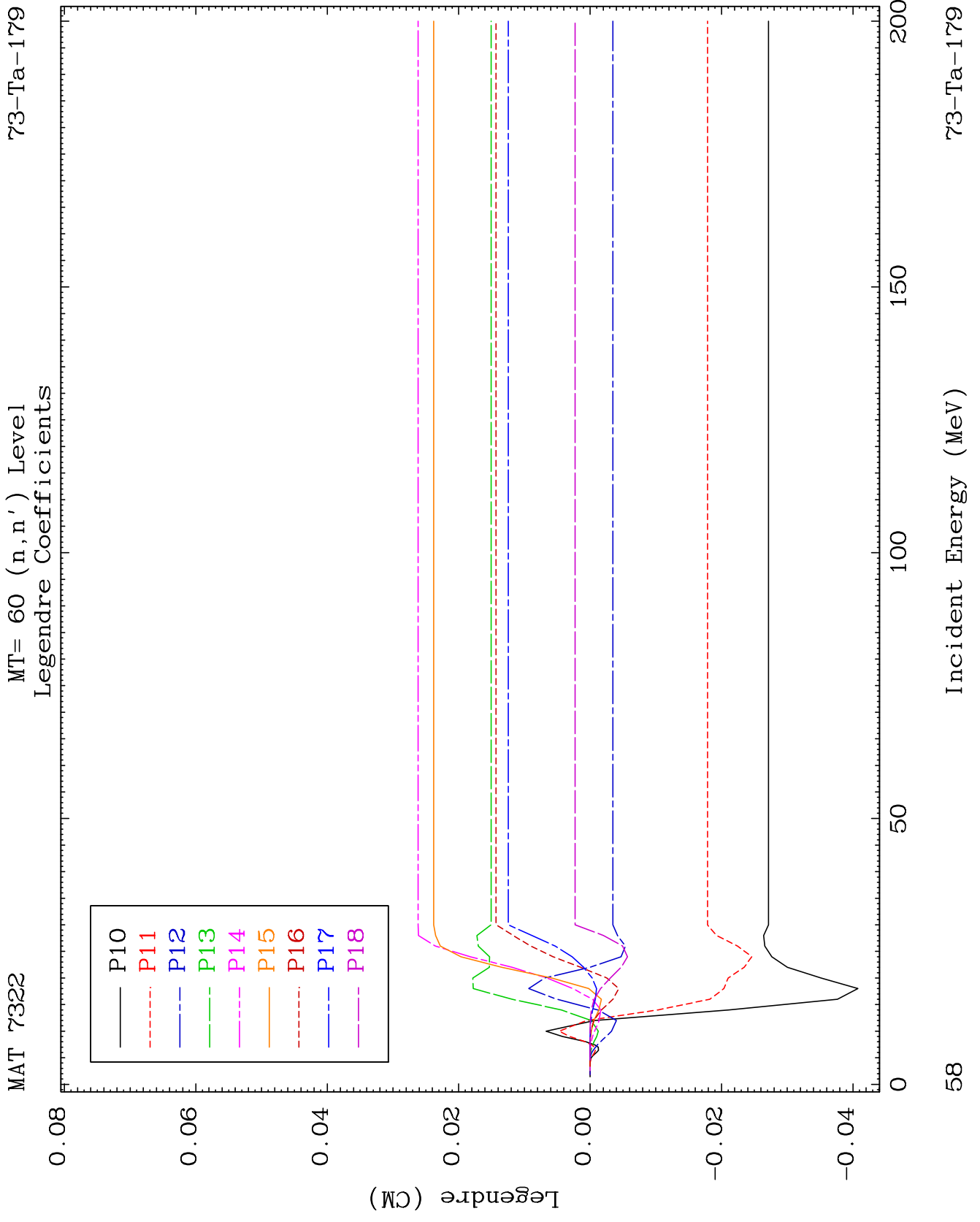
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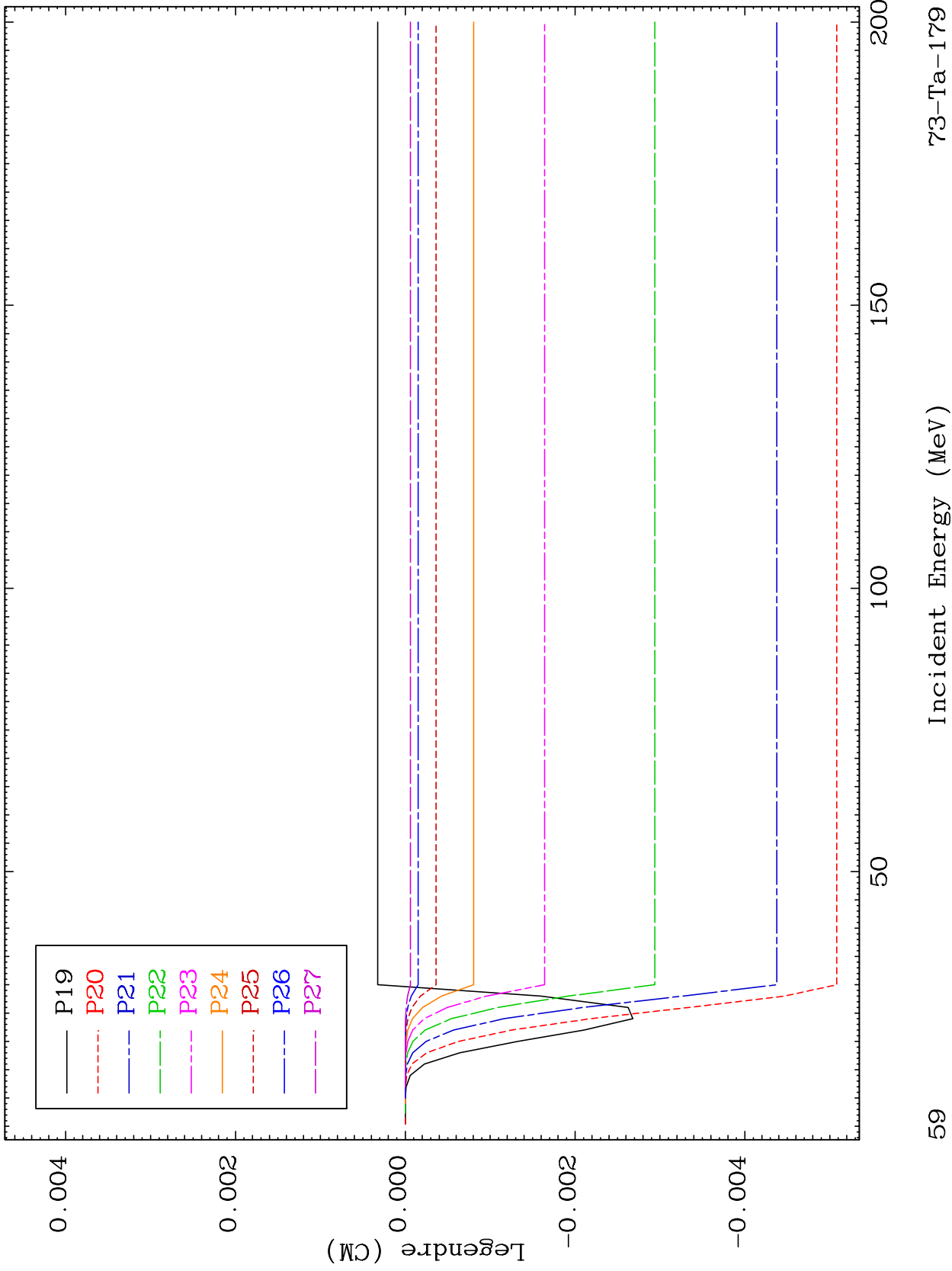


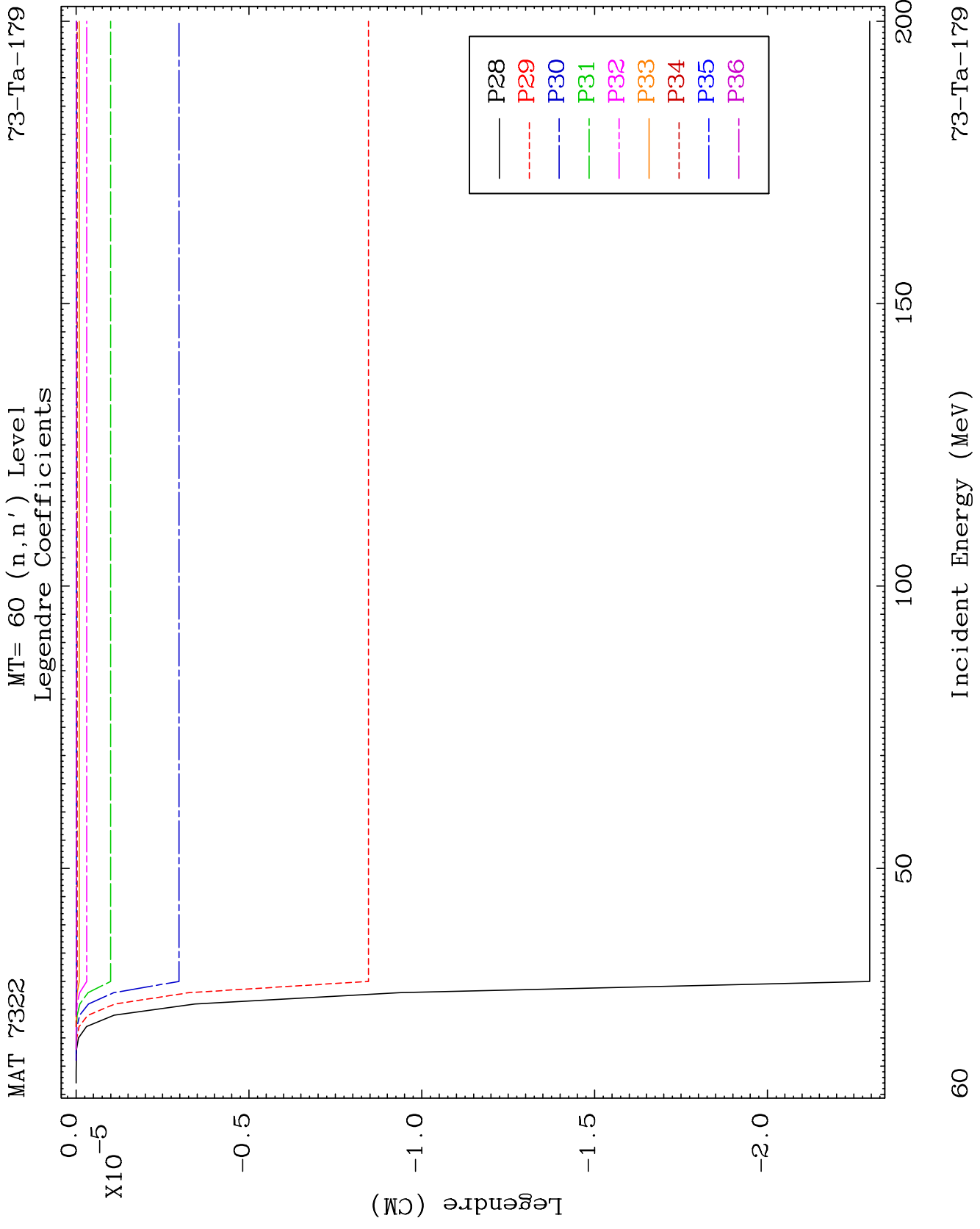
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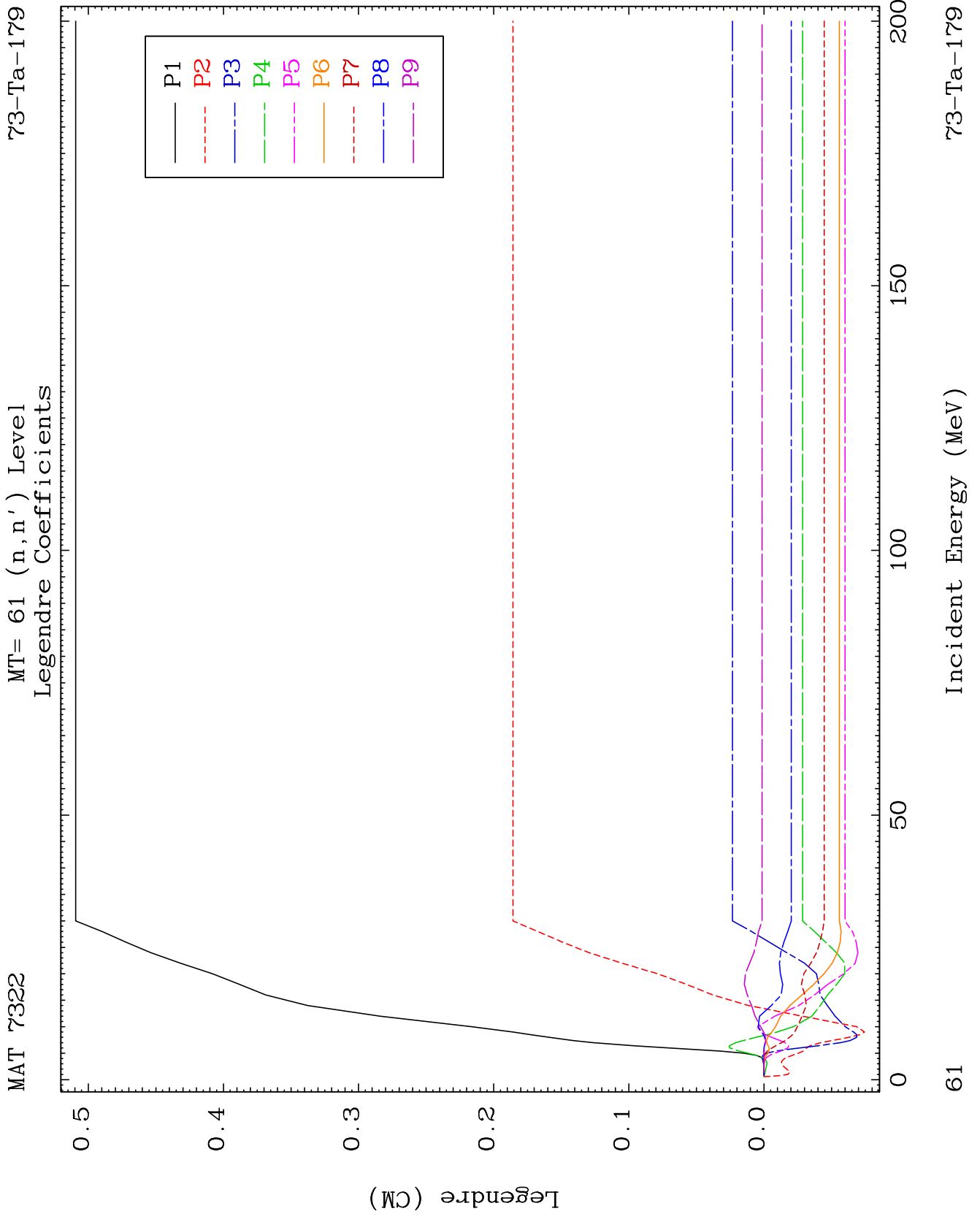
Incident Energy (MeV)

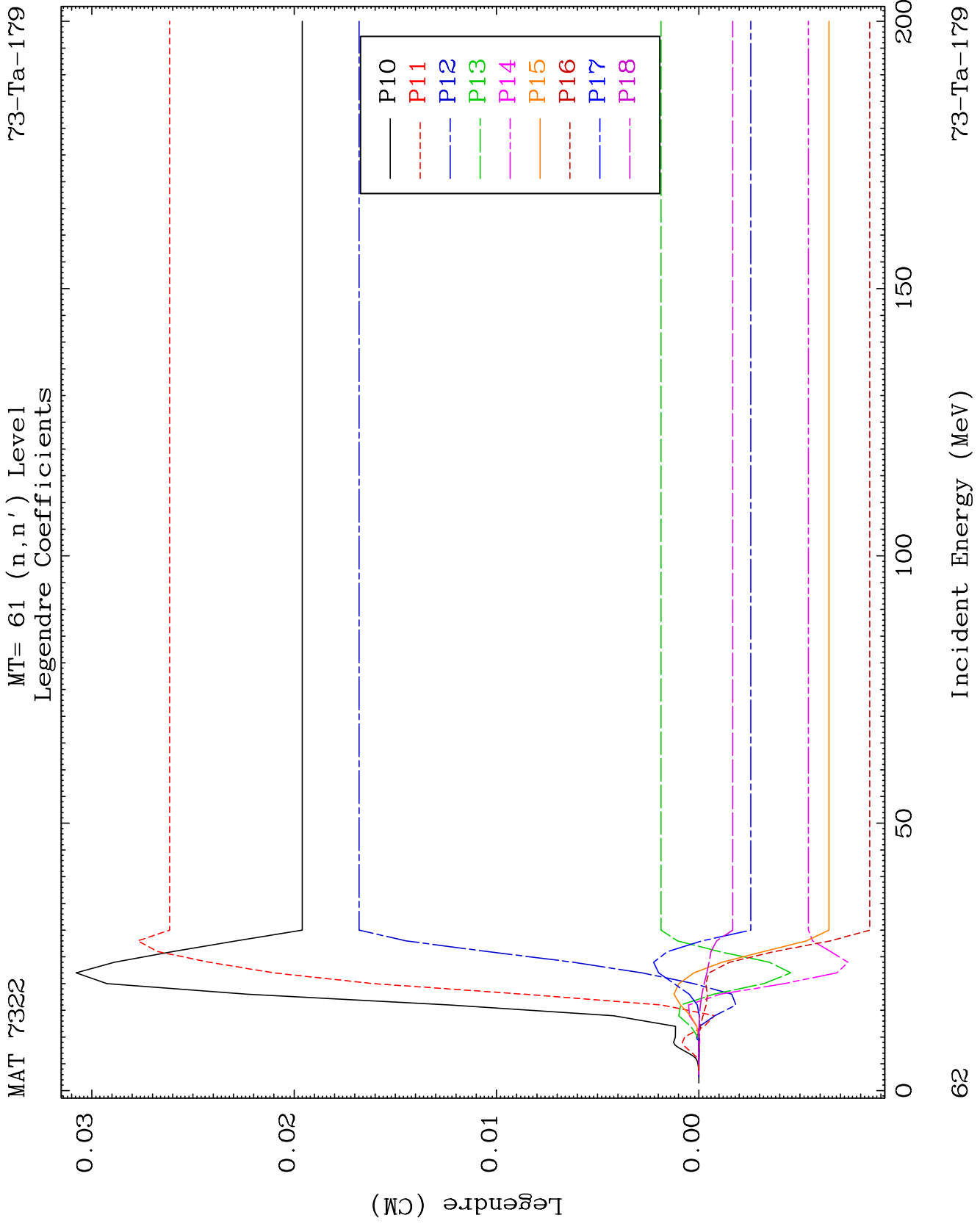
57







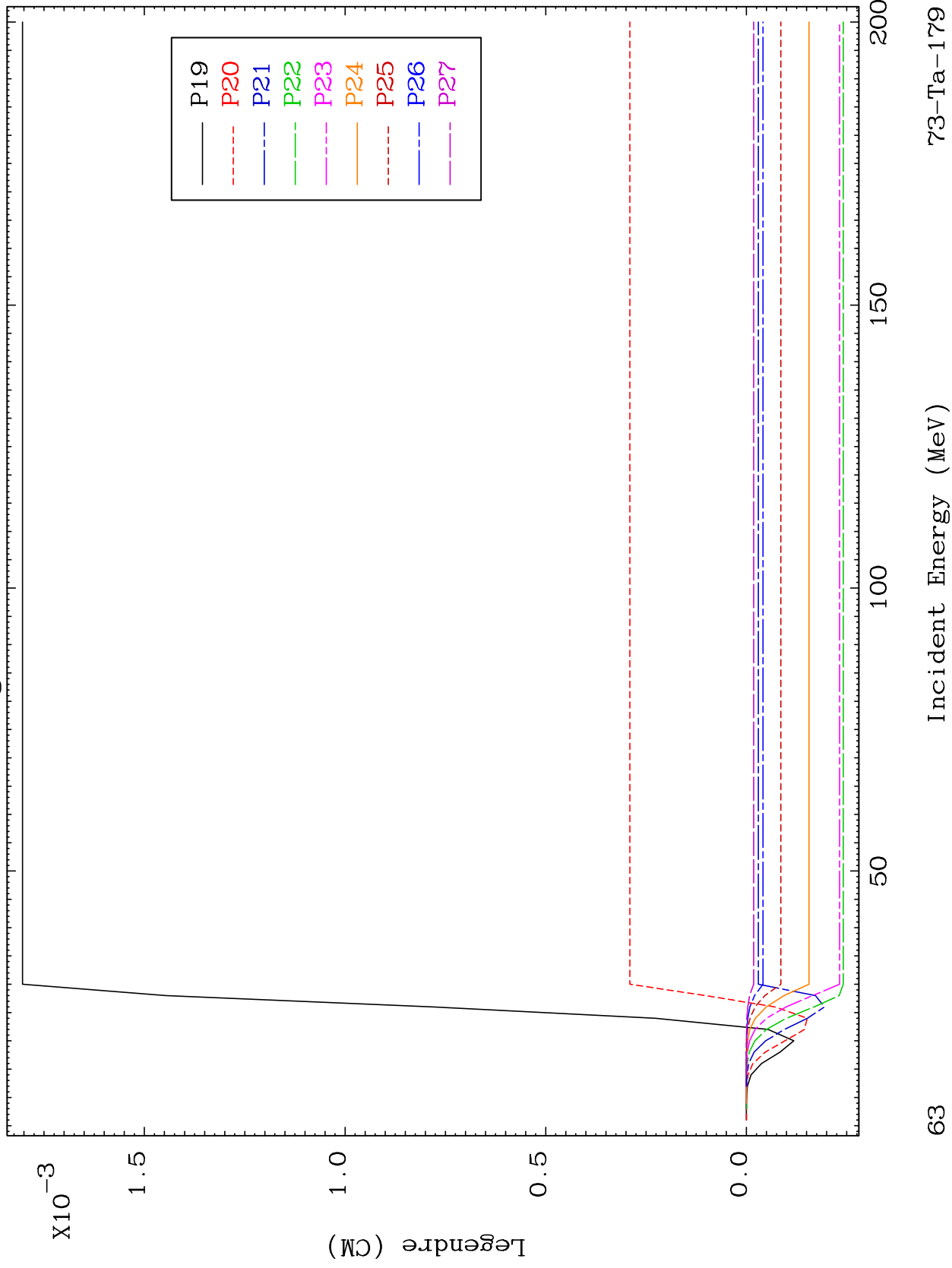




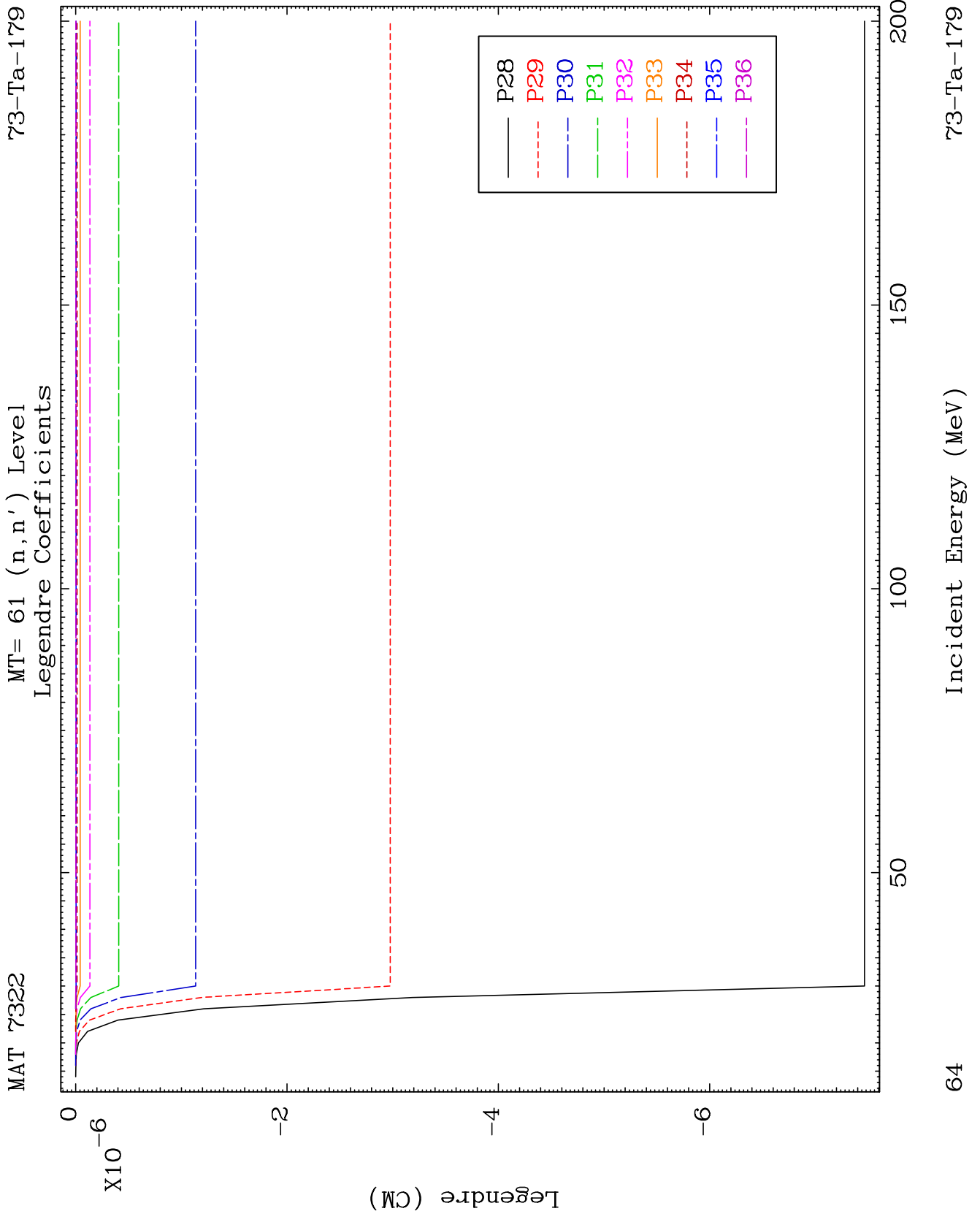
MAT 7322

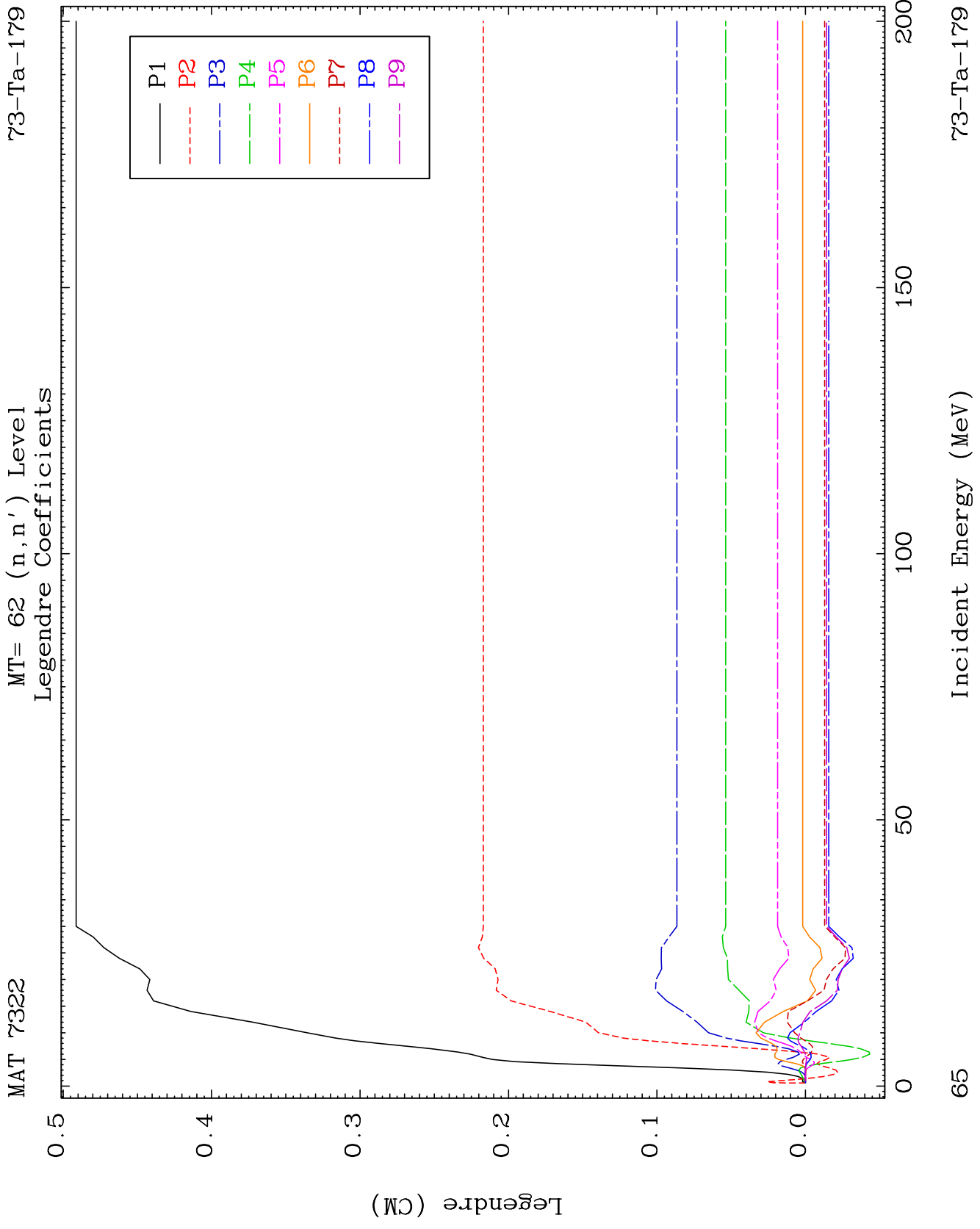
MT= 61 (n,n') Level
Legendre Coefficients

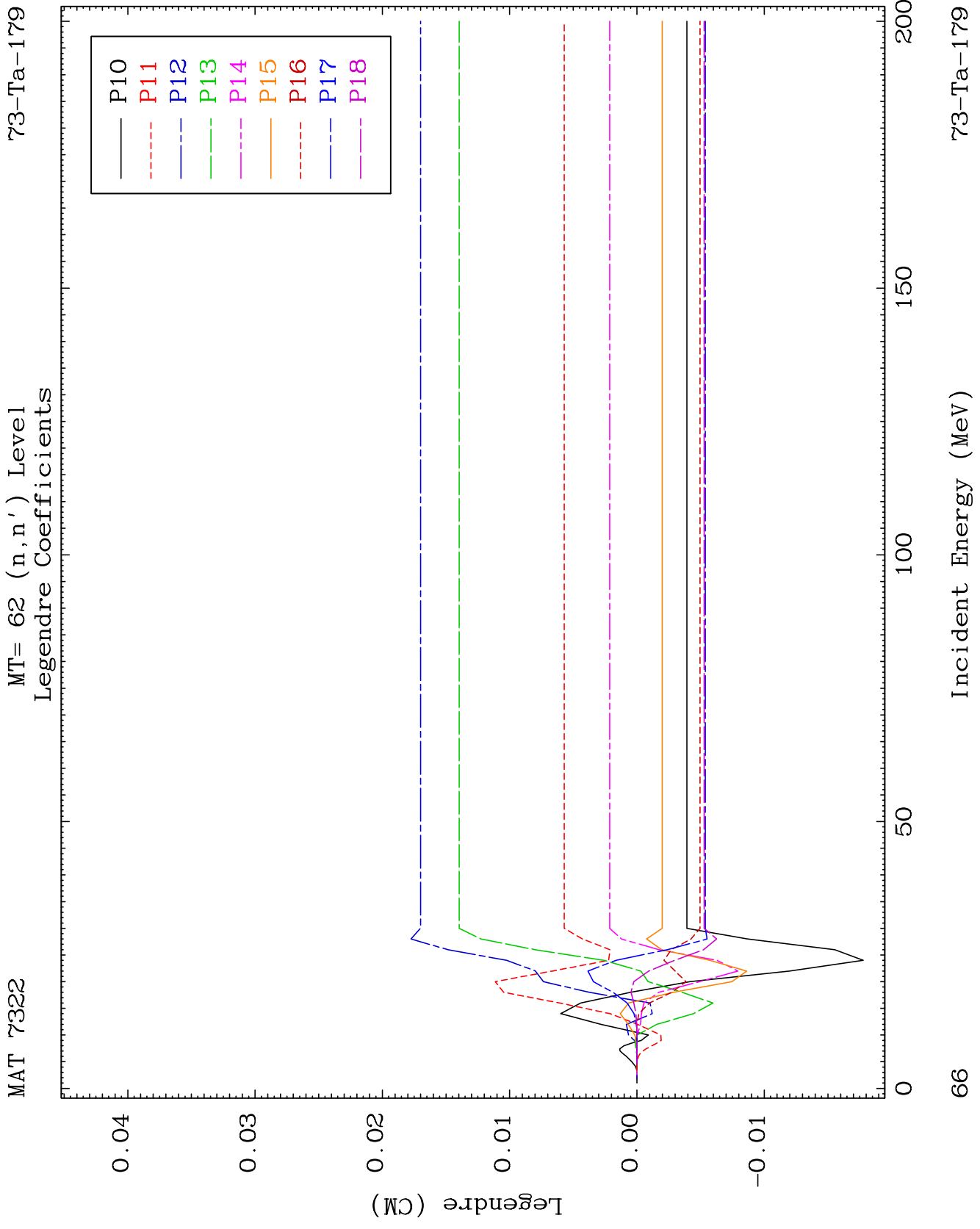
73-Ta-179



63



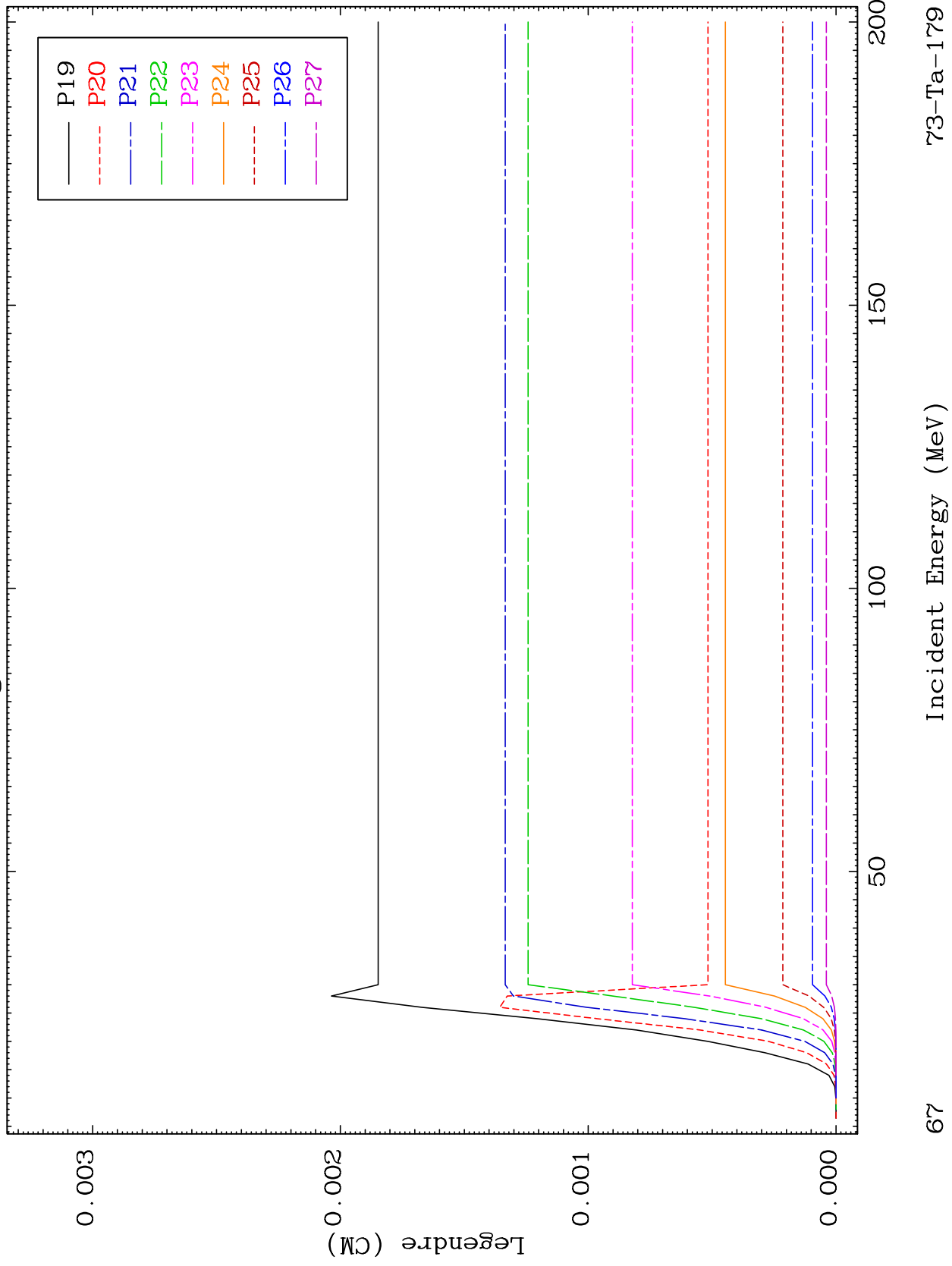




MAT 7322

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

73-Ta-179



67

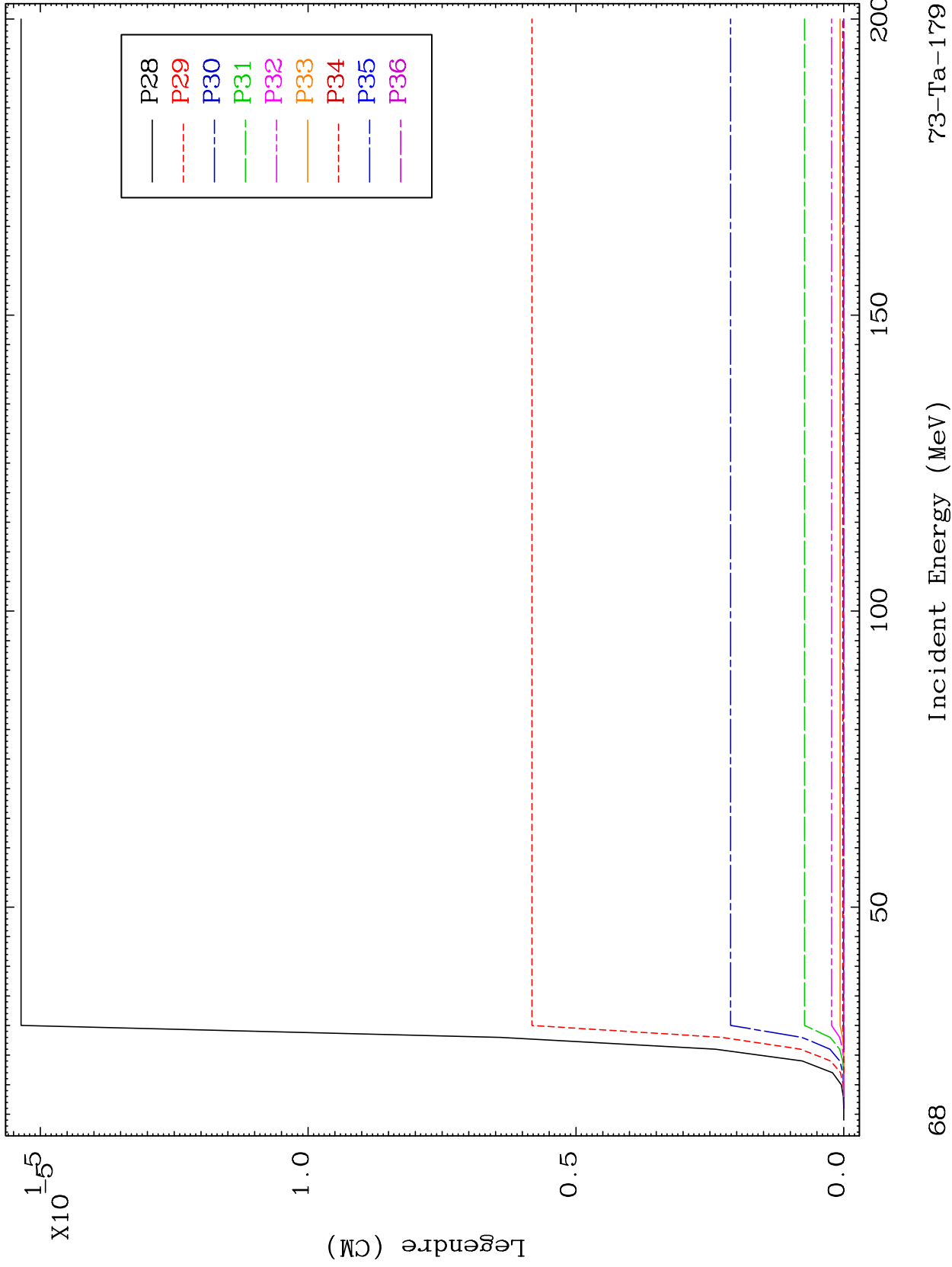
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

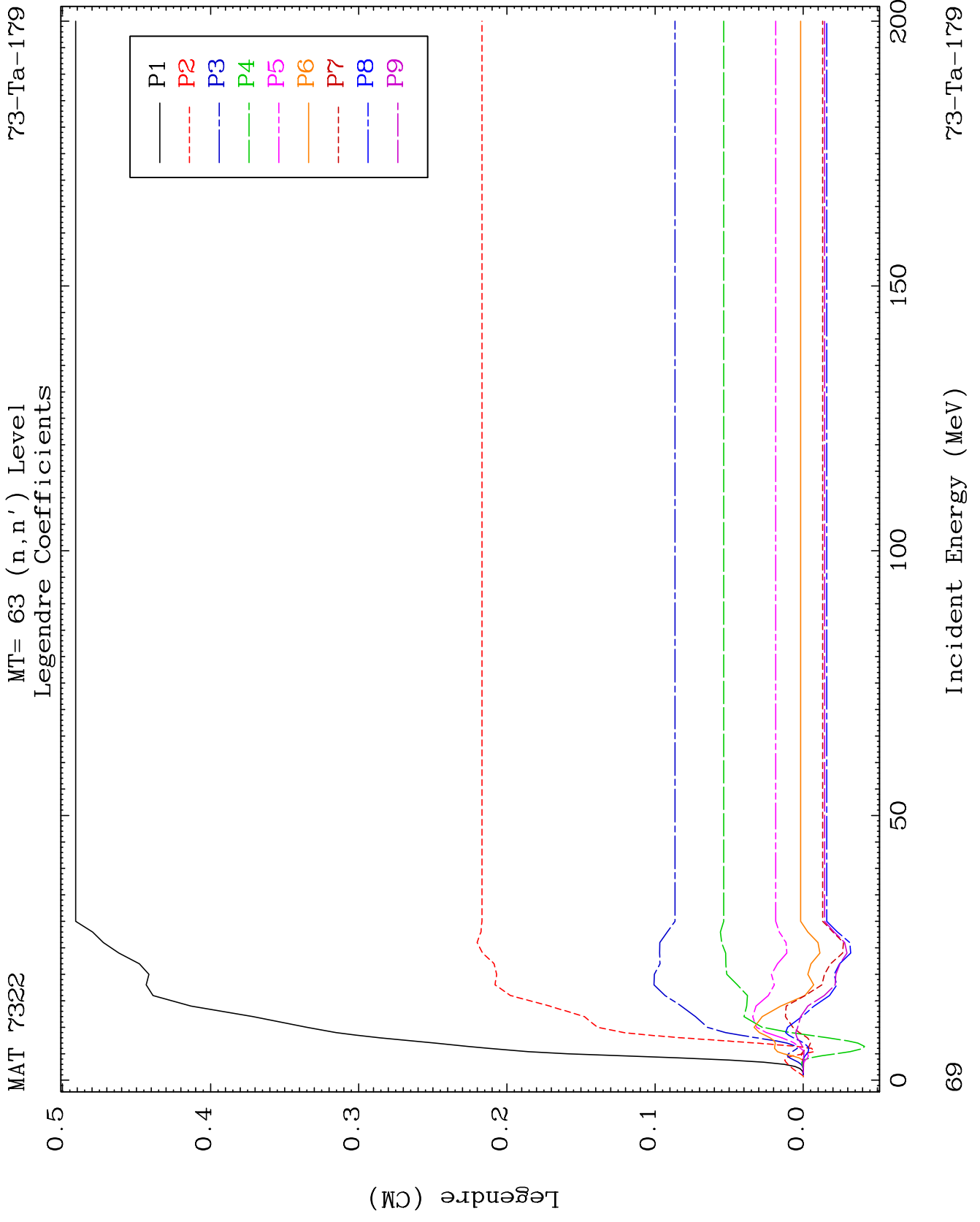
73-Ta-179



68

Incident Energy (MeV)

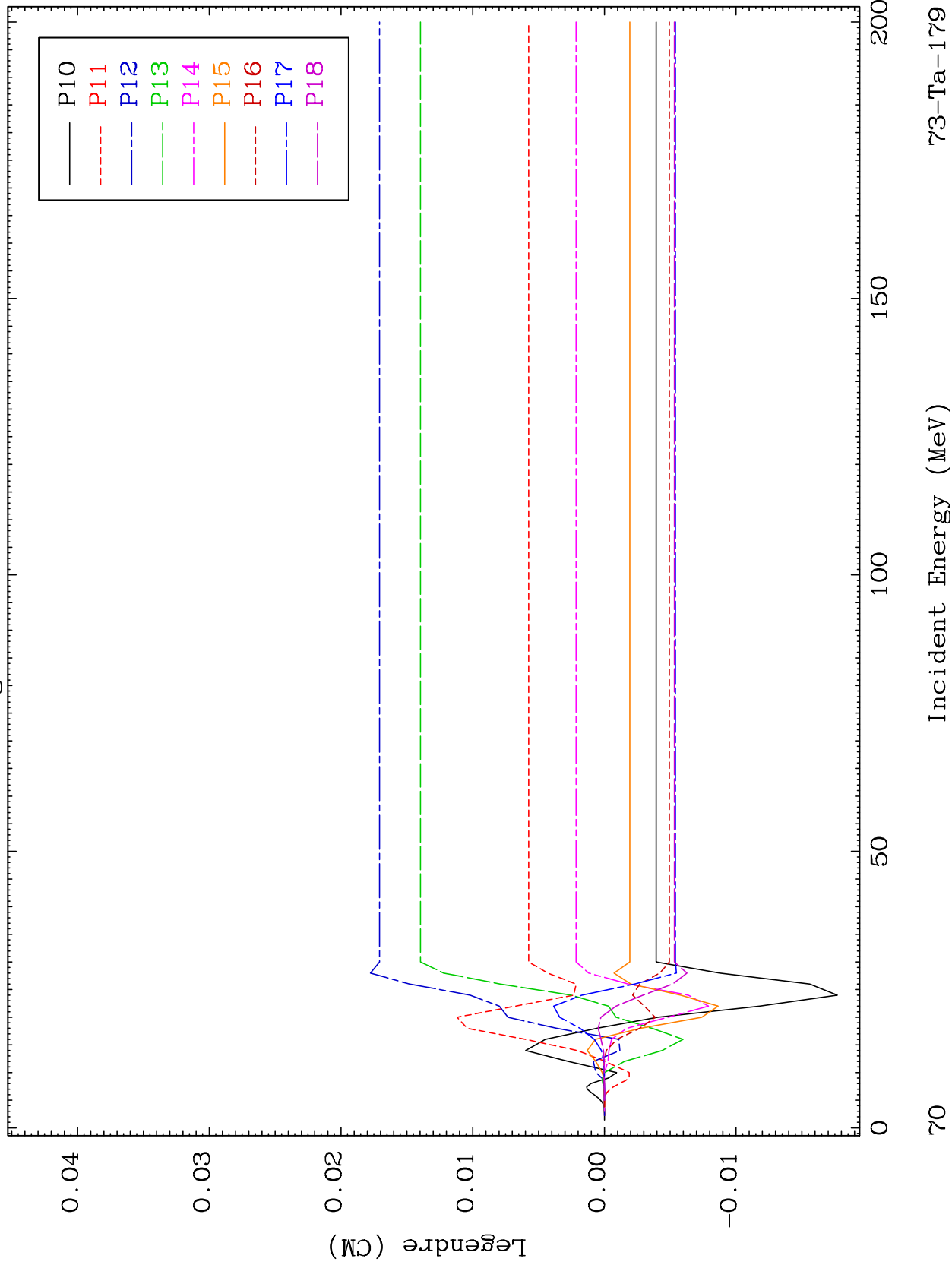
73-Ta-179



MAT 7322

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

73-Ta-179



73-Ta-179

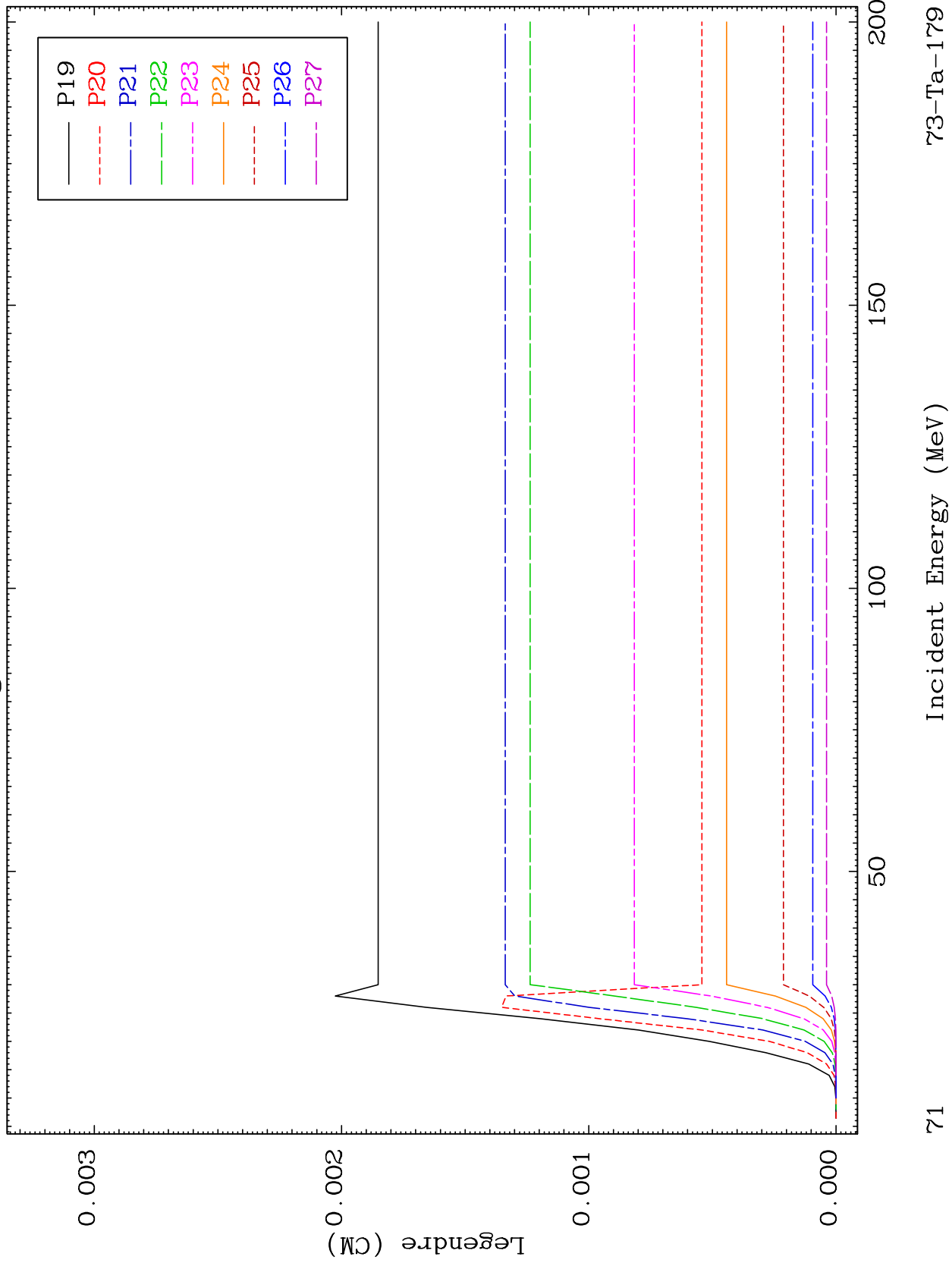
Incident Energy (MeV)

70

MAT 7322

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

73-Ta-179



71

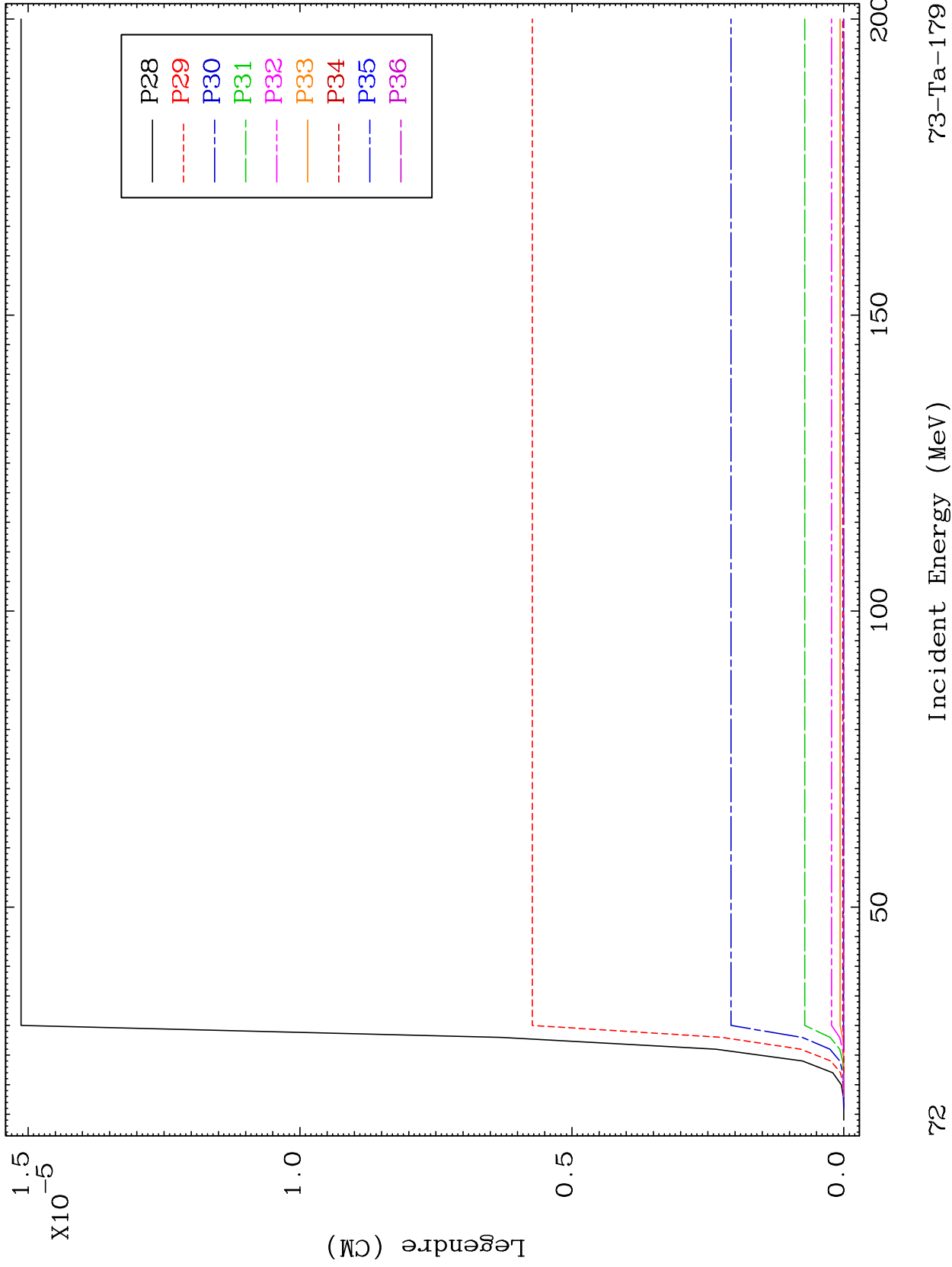
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



72

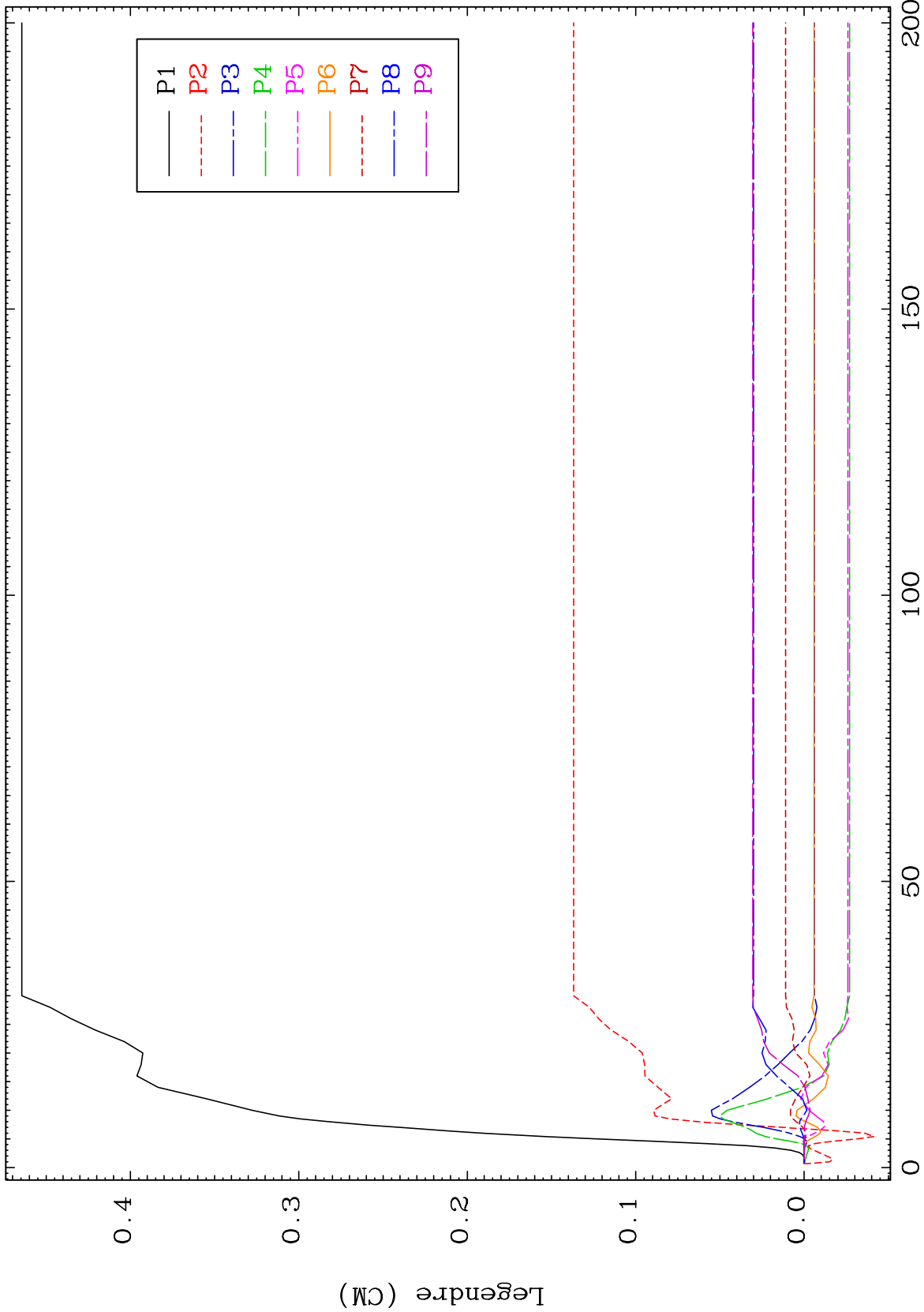
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



73

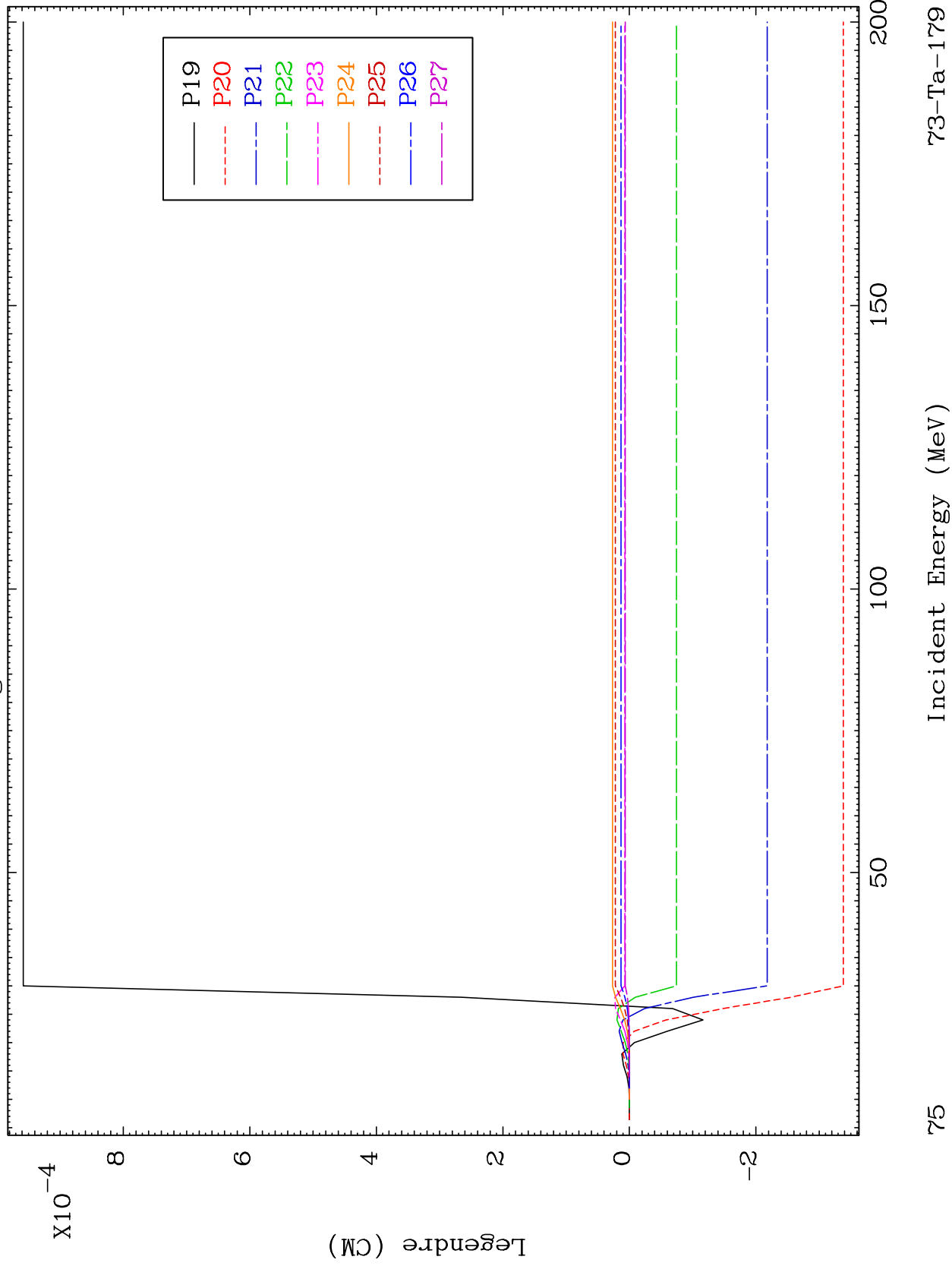
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

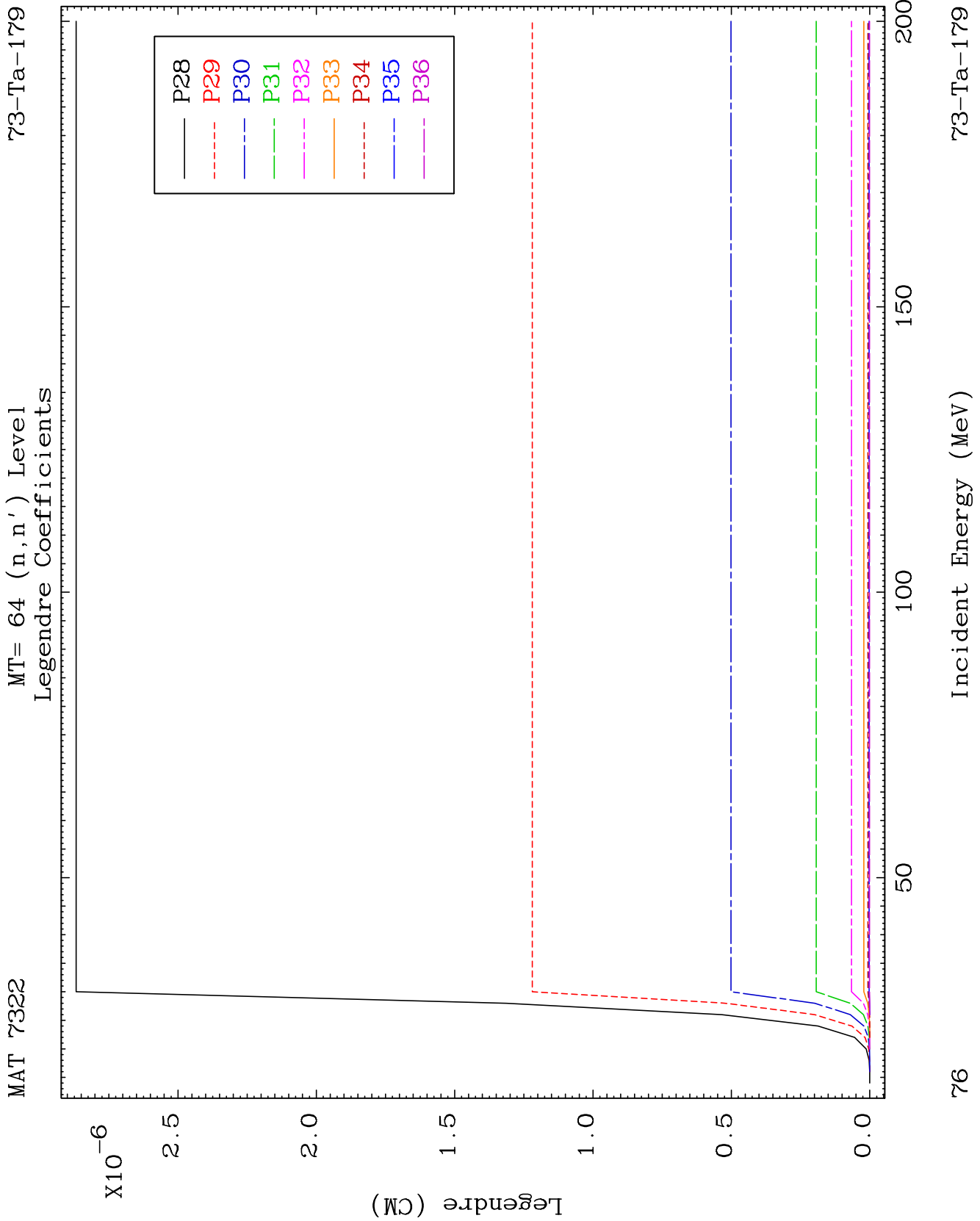
73-Ta-179



75

Incident Energy (MeV)

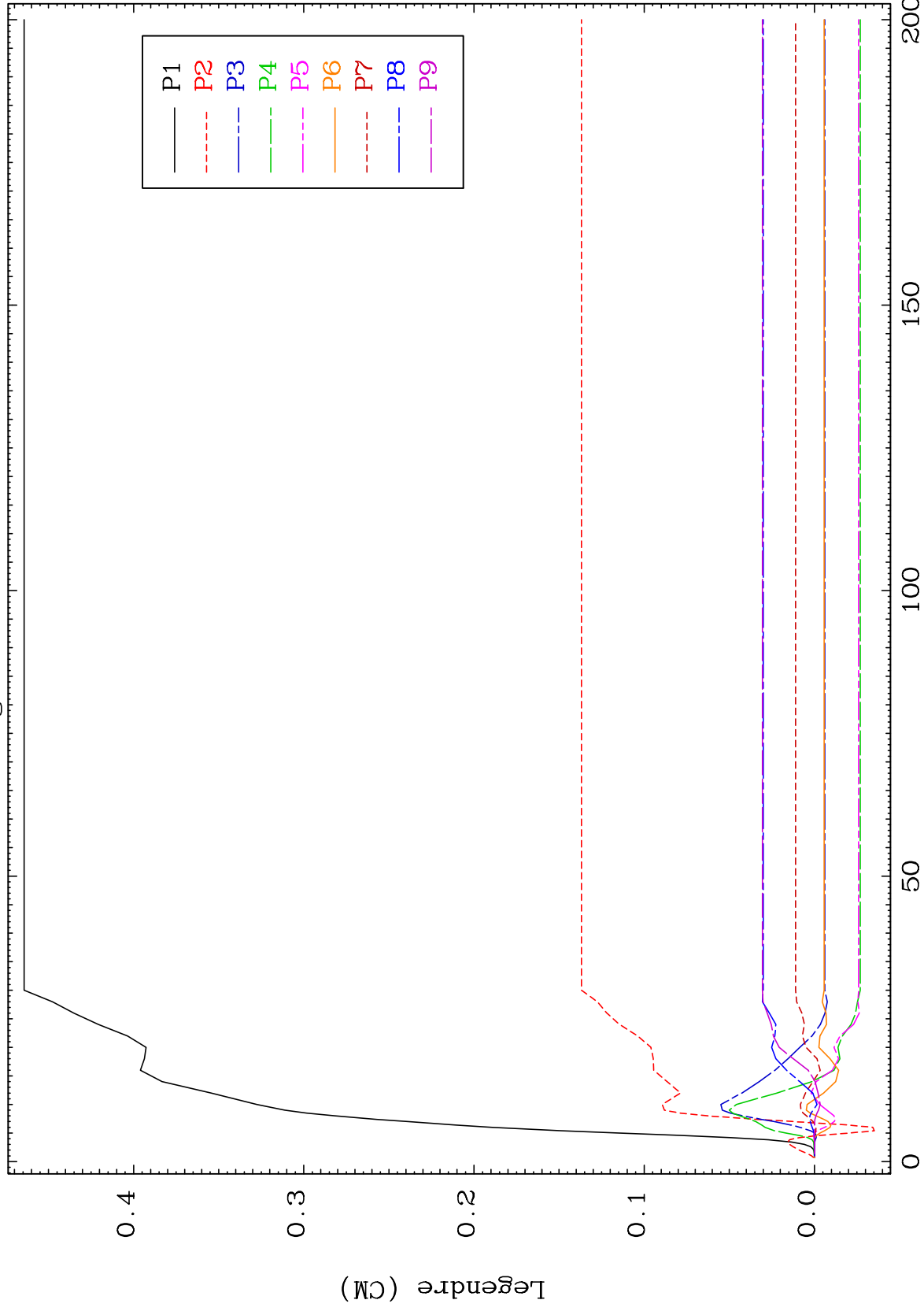
73-Ta-179



MAT 7322

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

73-Ta-179



77

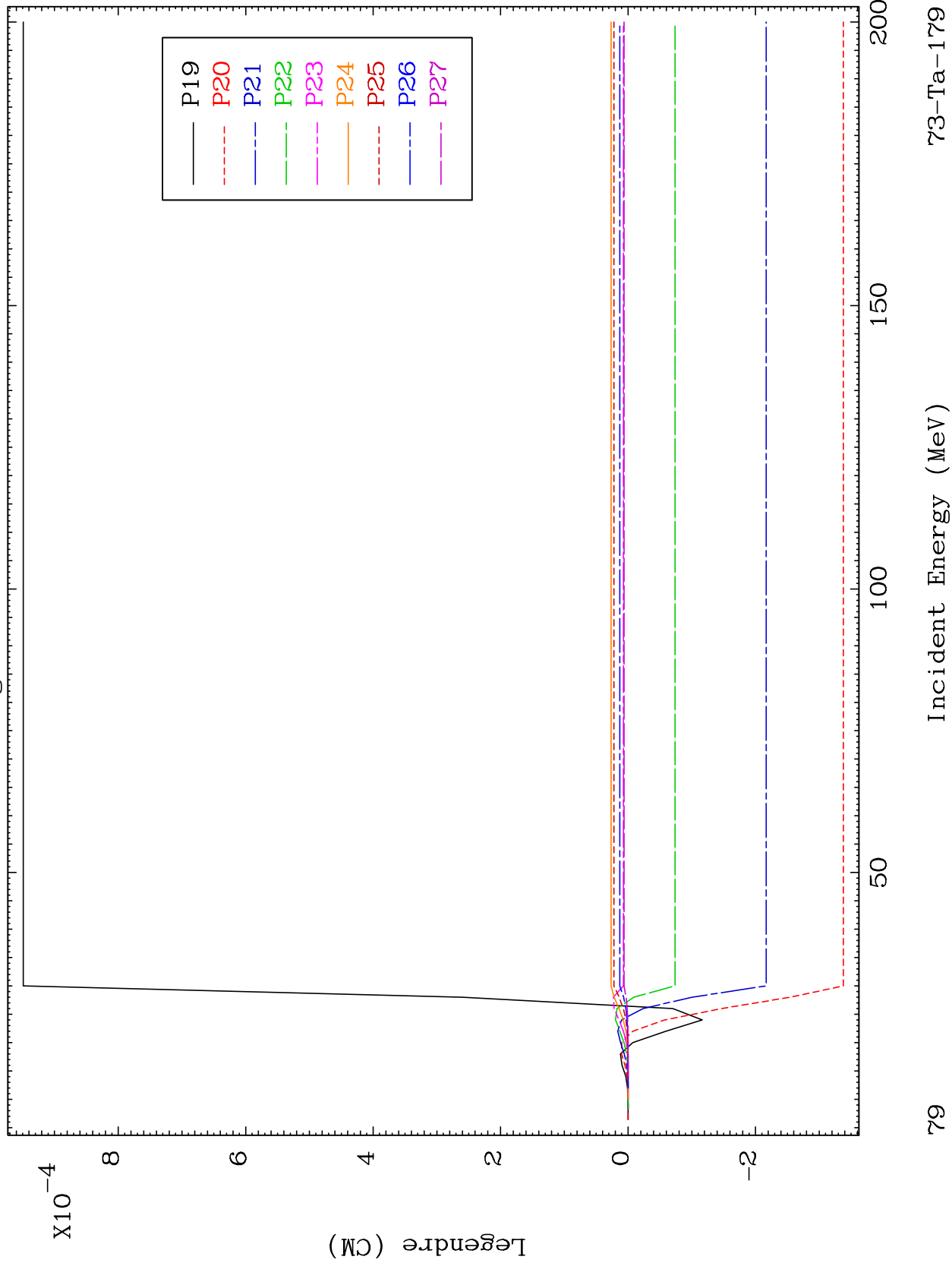
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

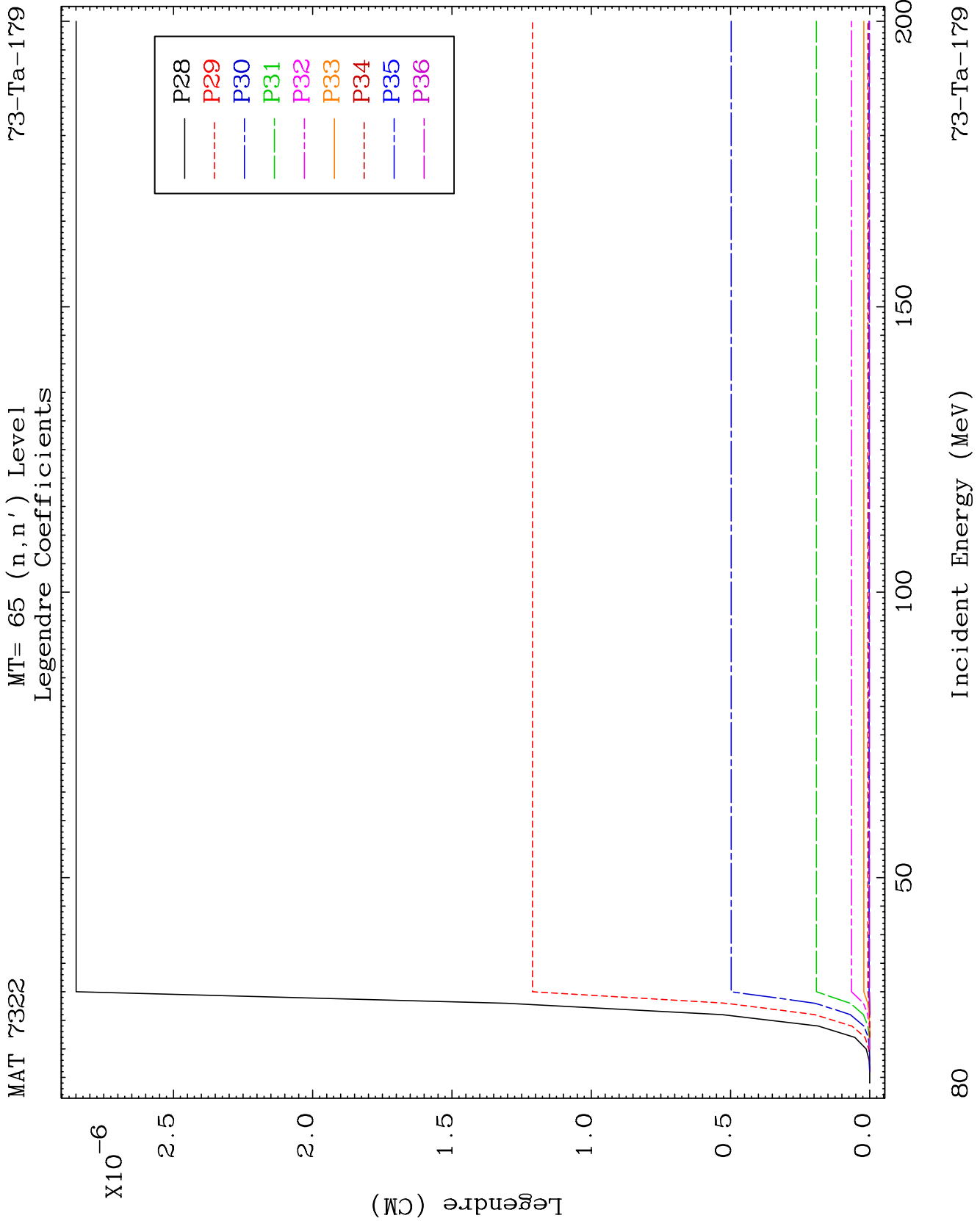
73-Ta-179



79

Incident Energy (MeV)

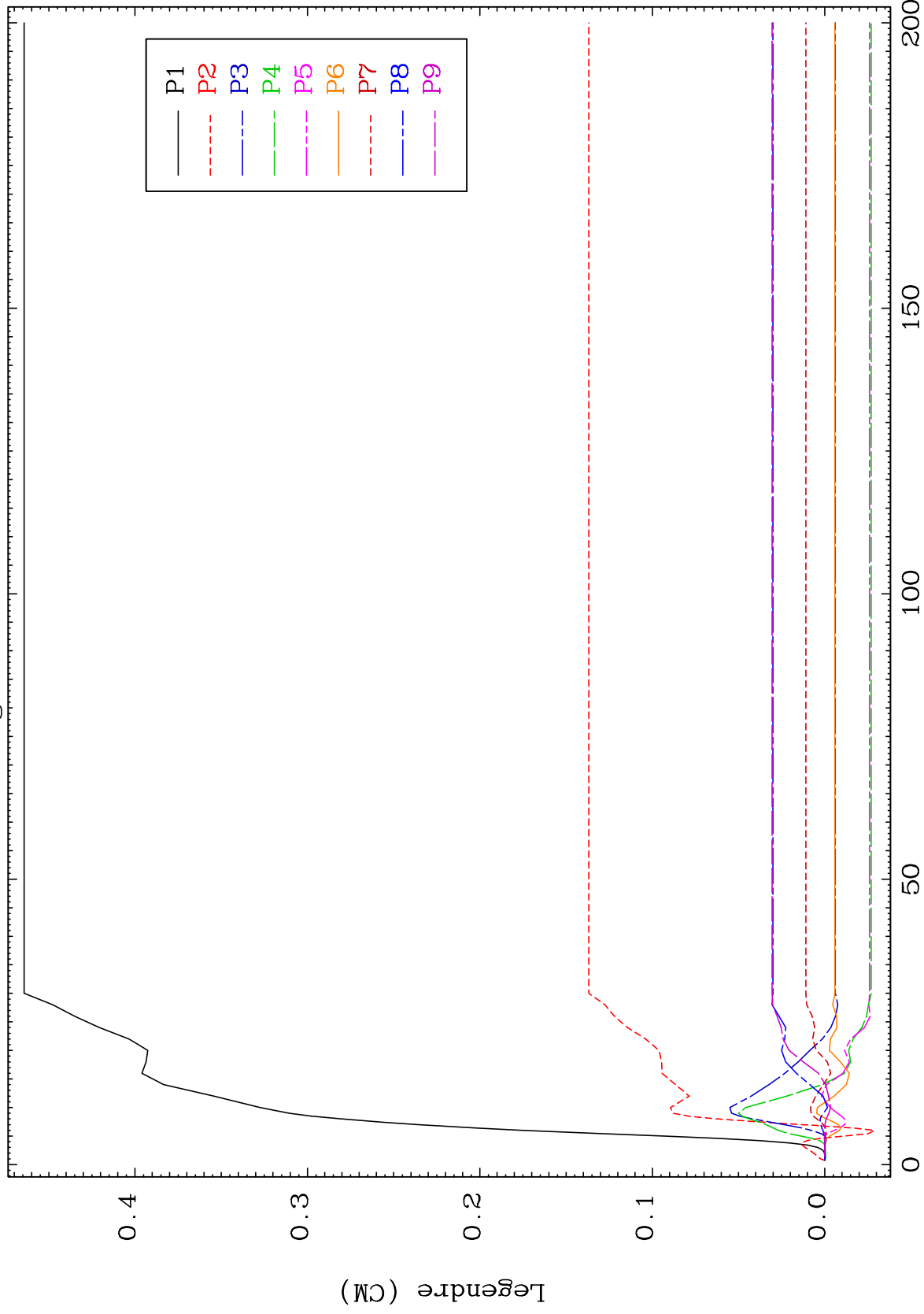
73-Ta-179



MAT 7322

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

73-Ta-179



81

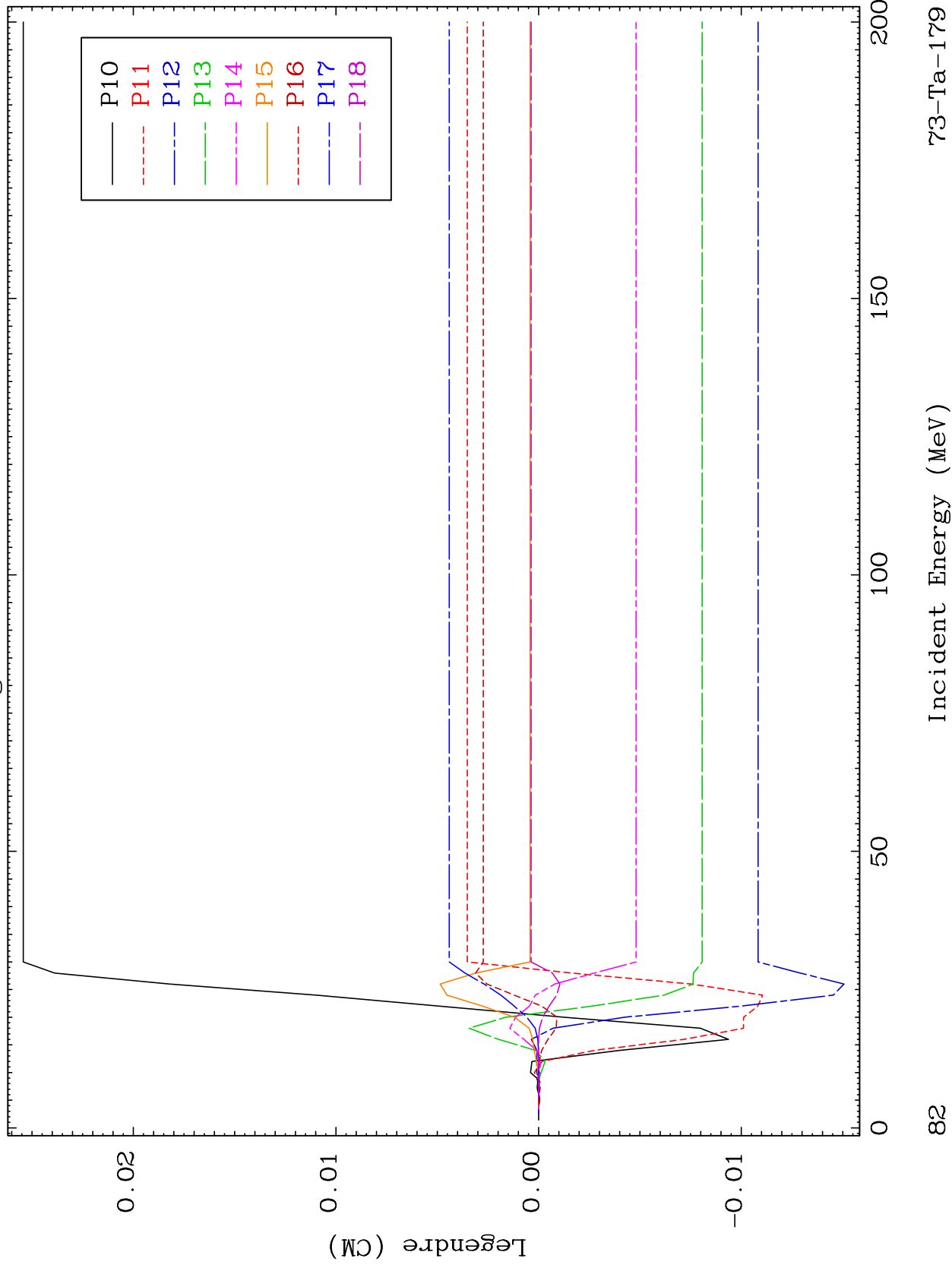
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



73-Ta-179

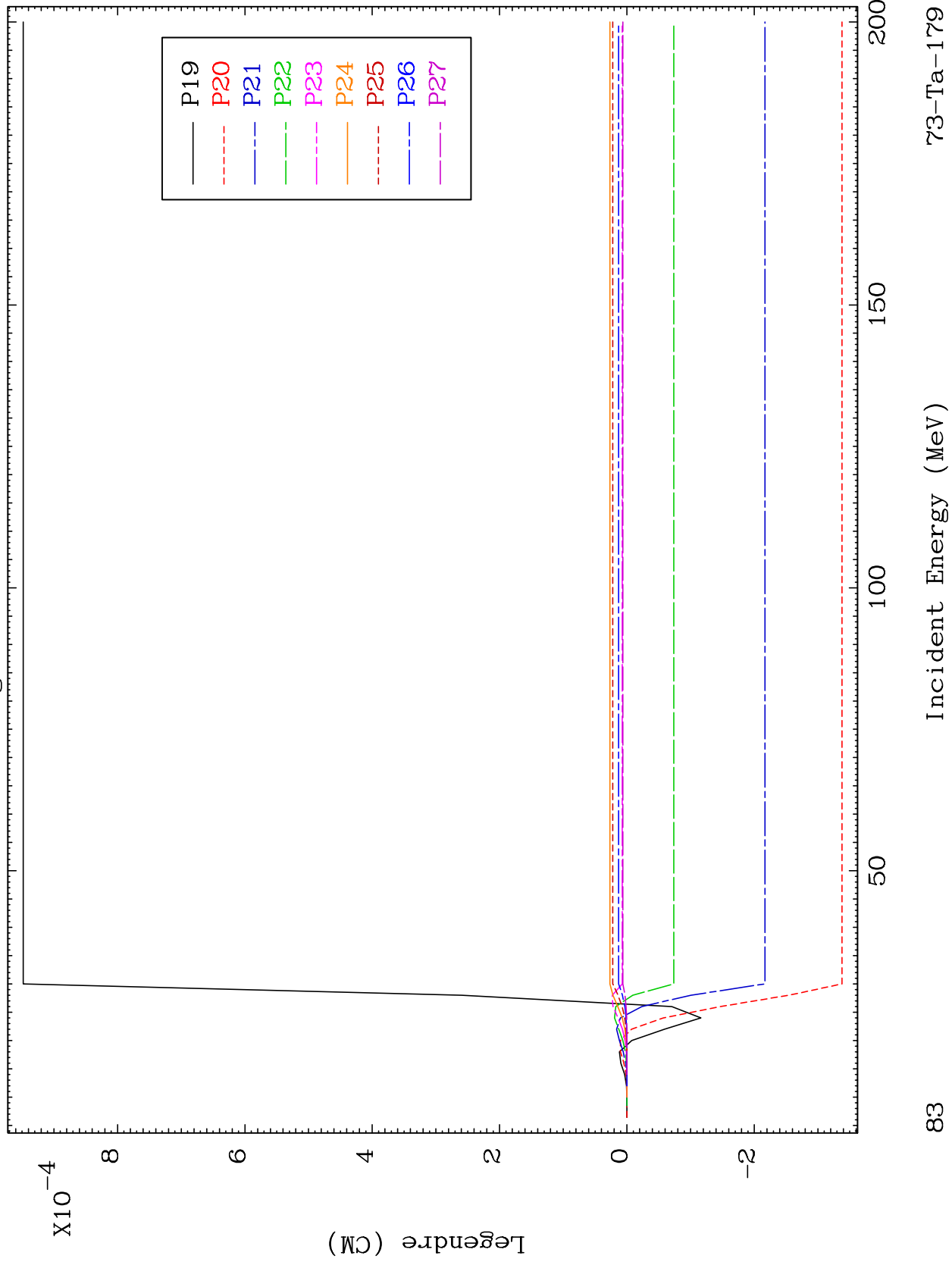
Incident Energy (MeV)

82

MAT 7322

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

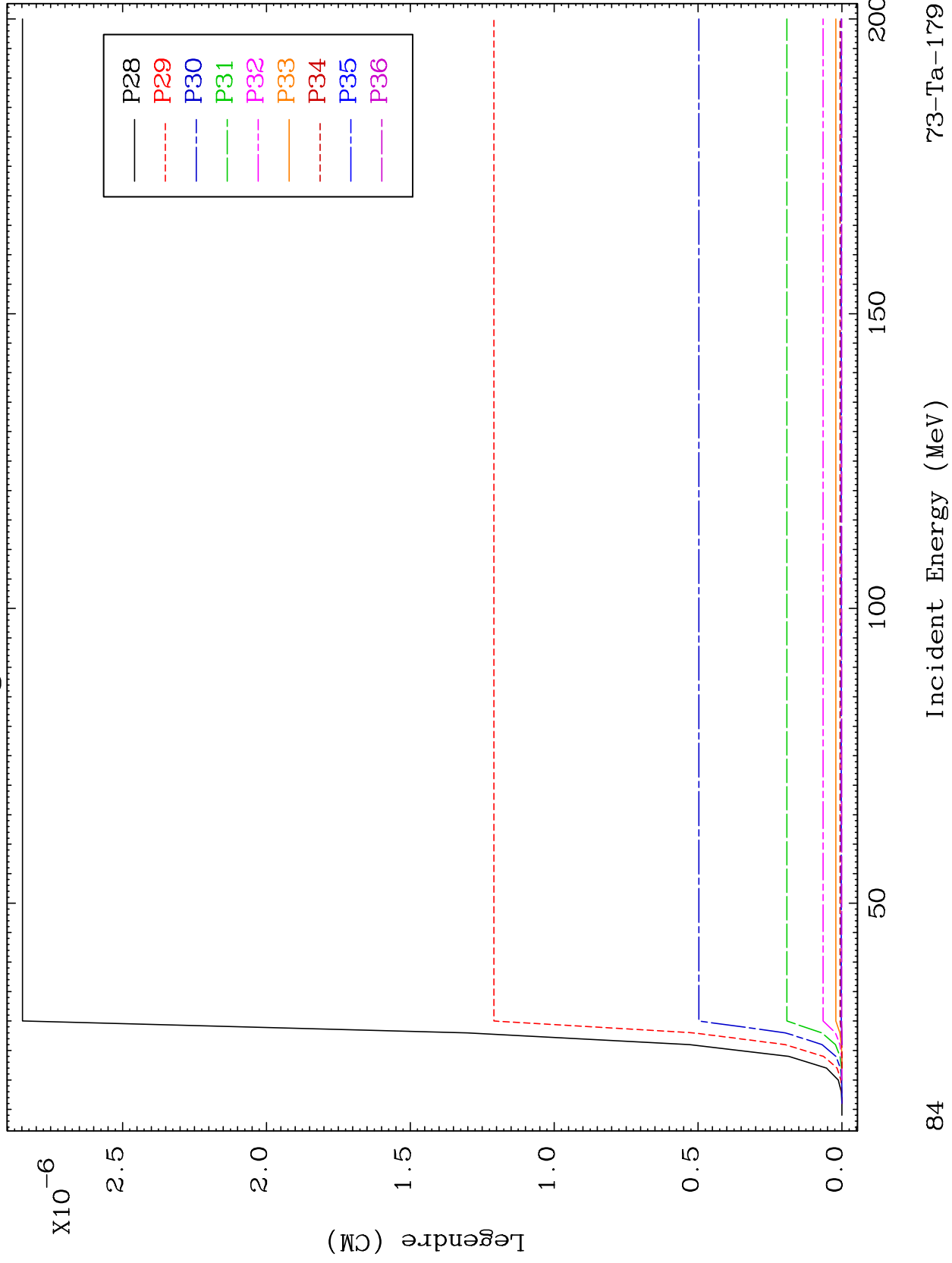
73-Ta-179

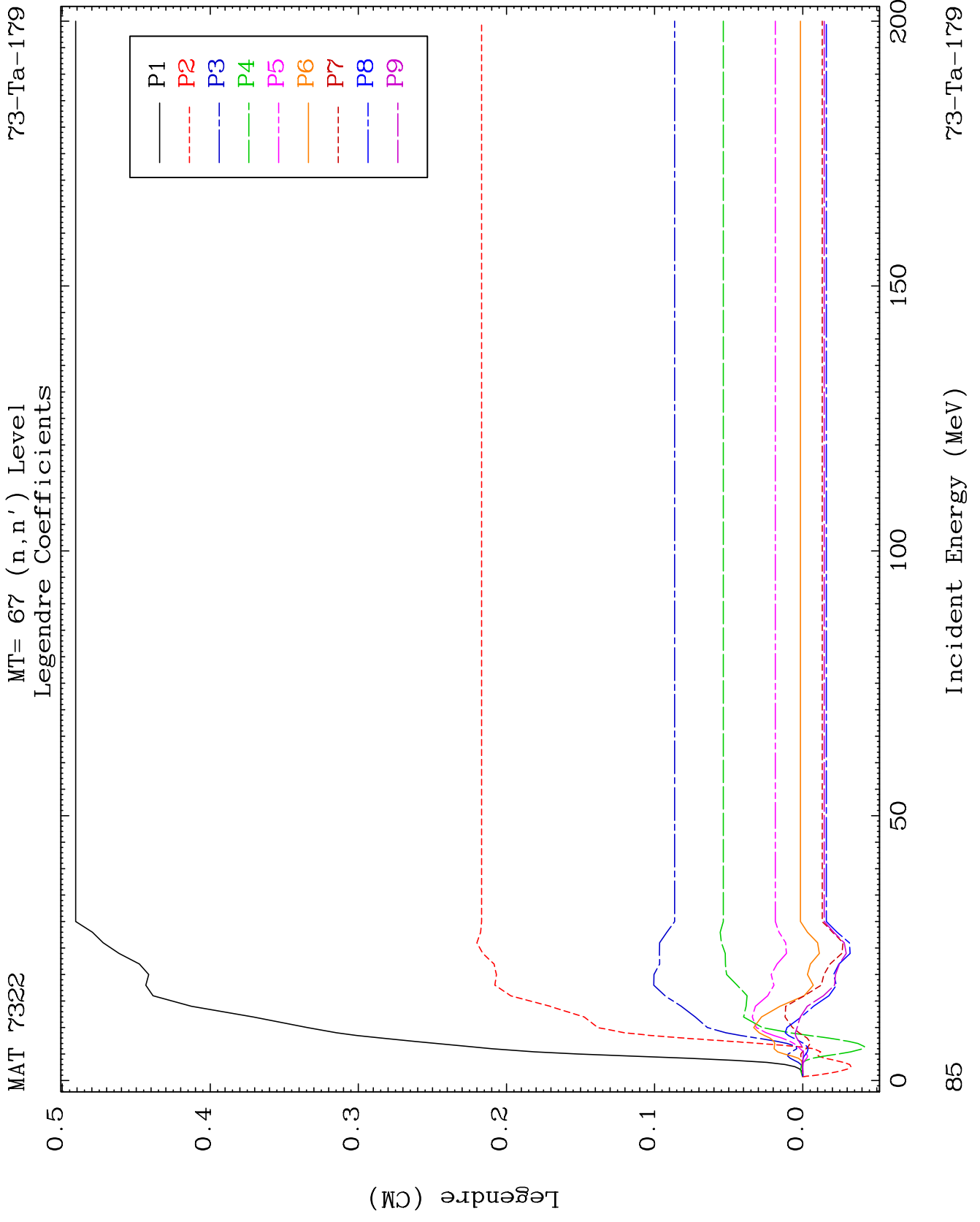


MAT 7322

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

73-Ta-179

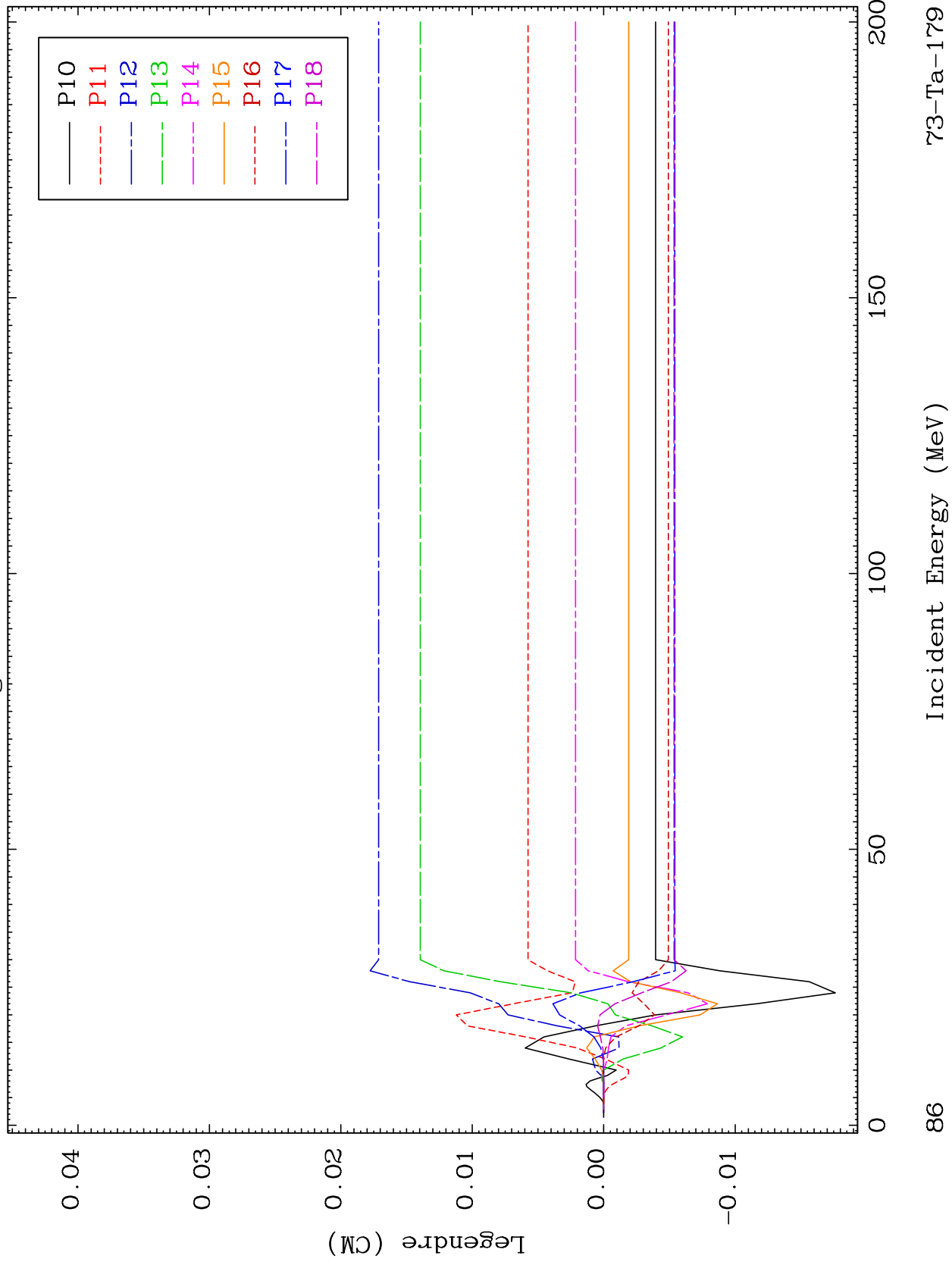




MAT 7322

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

73-Ta-179



73-Ta-179

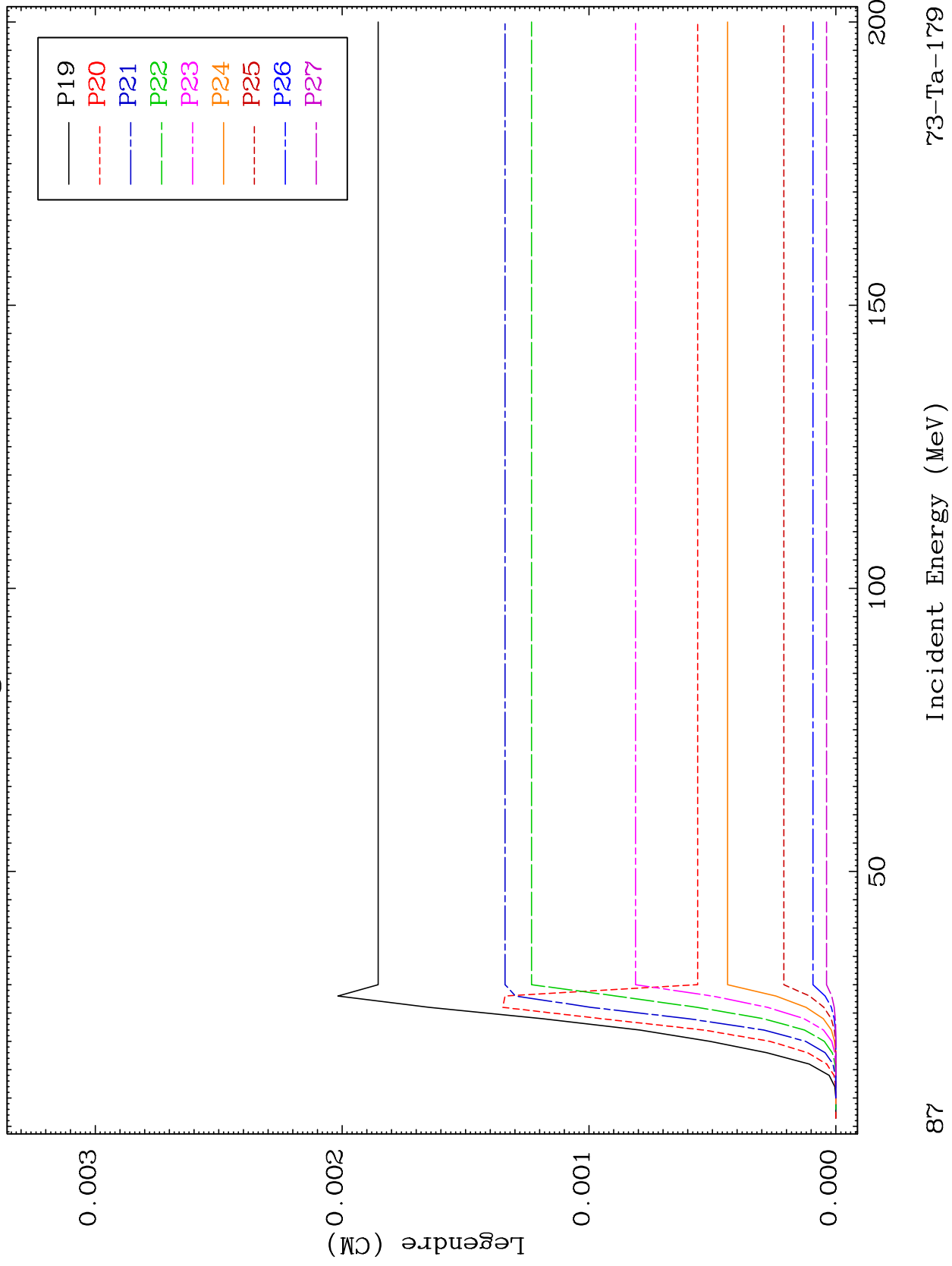
Incident Energy (MeV)

86

MAT 7322

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

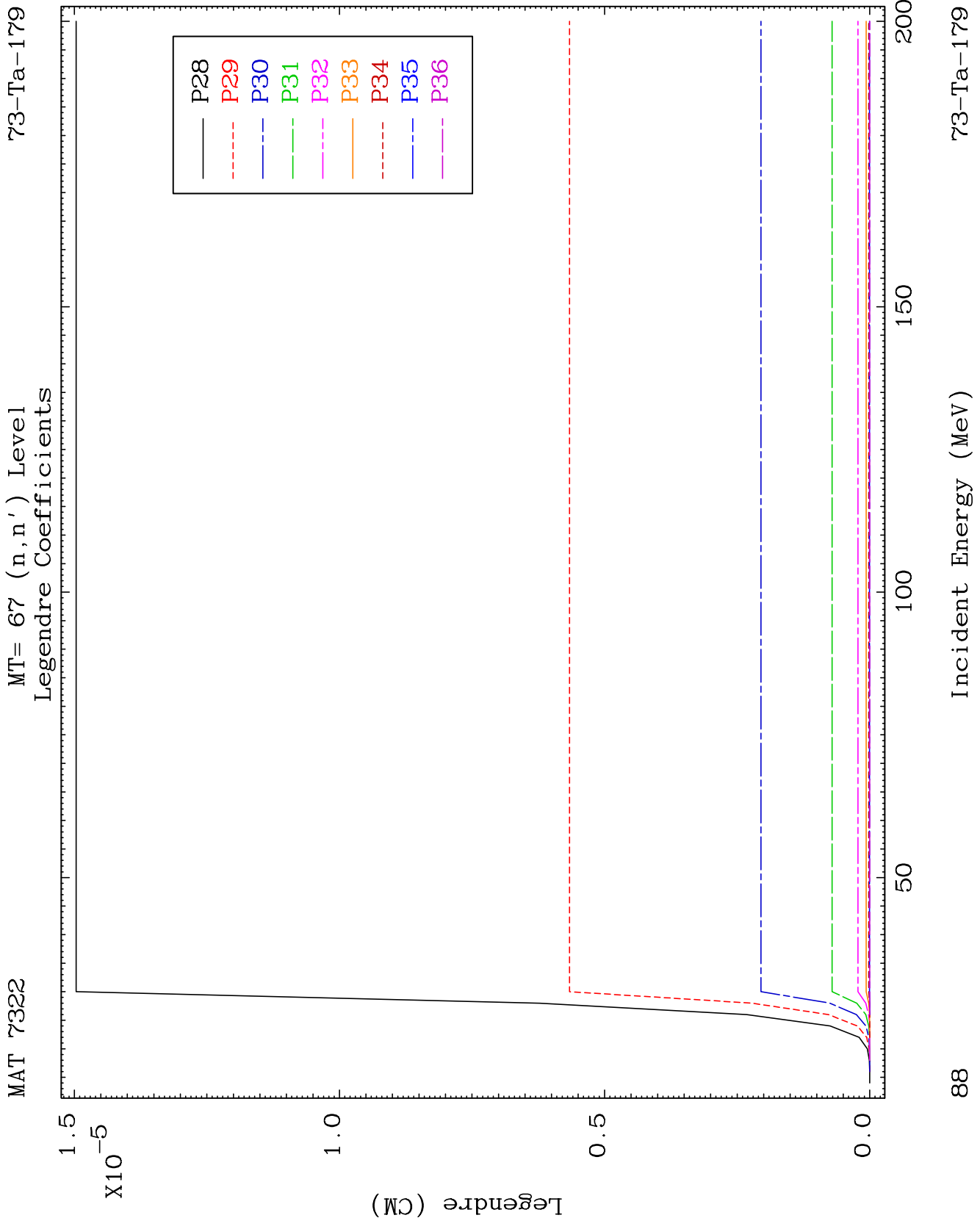
73-Ta-179



87

Incident Energy (MeV)

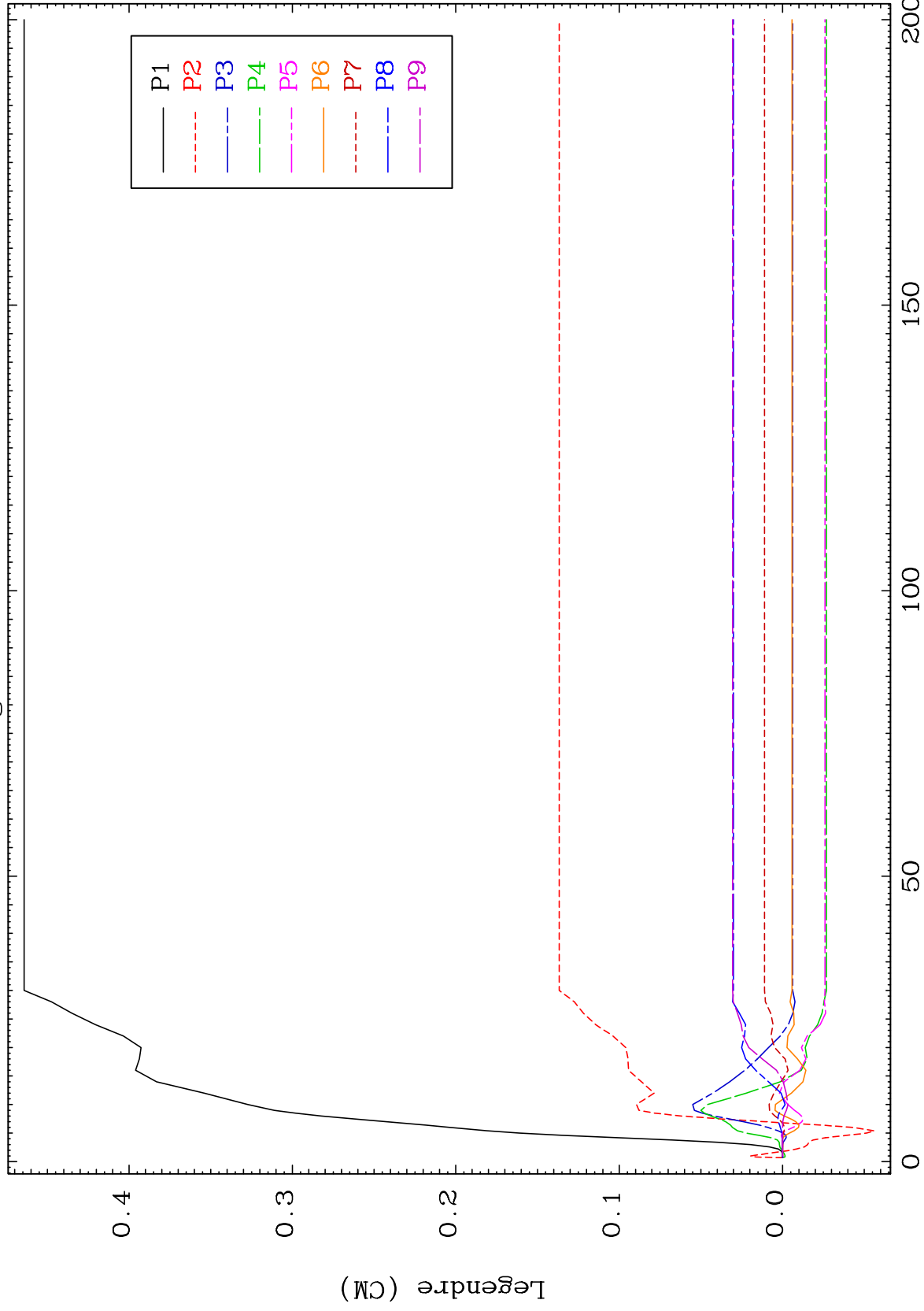
73-Ta-179



MAT 7322

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

73-Ta-179



89

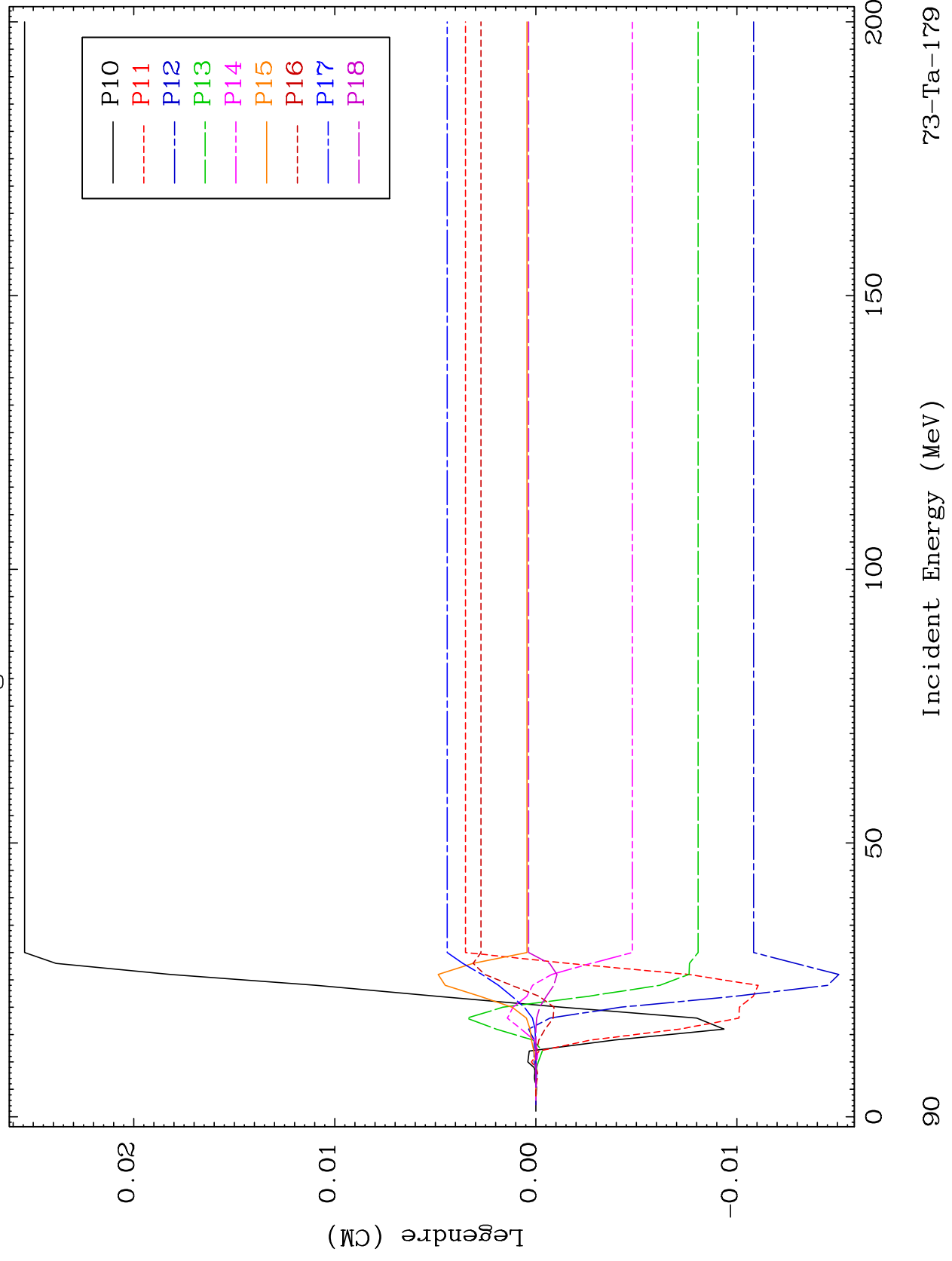
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



73-Ta-179

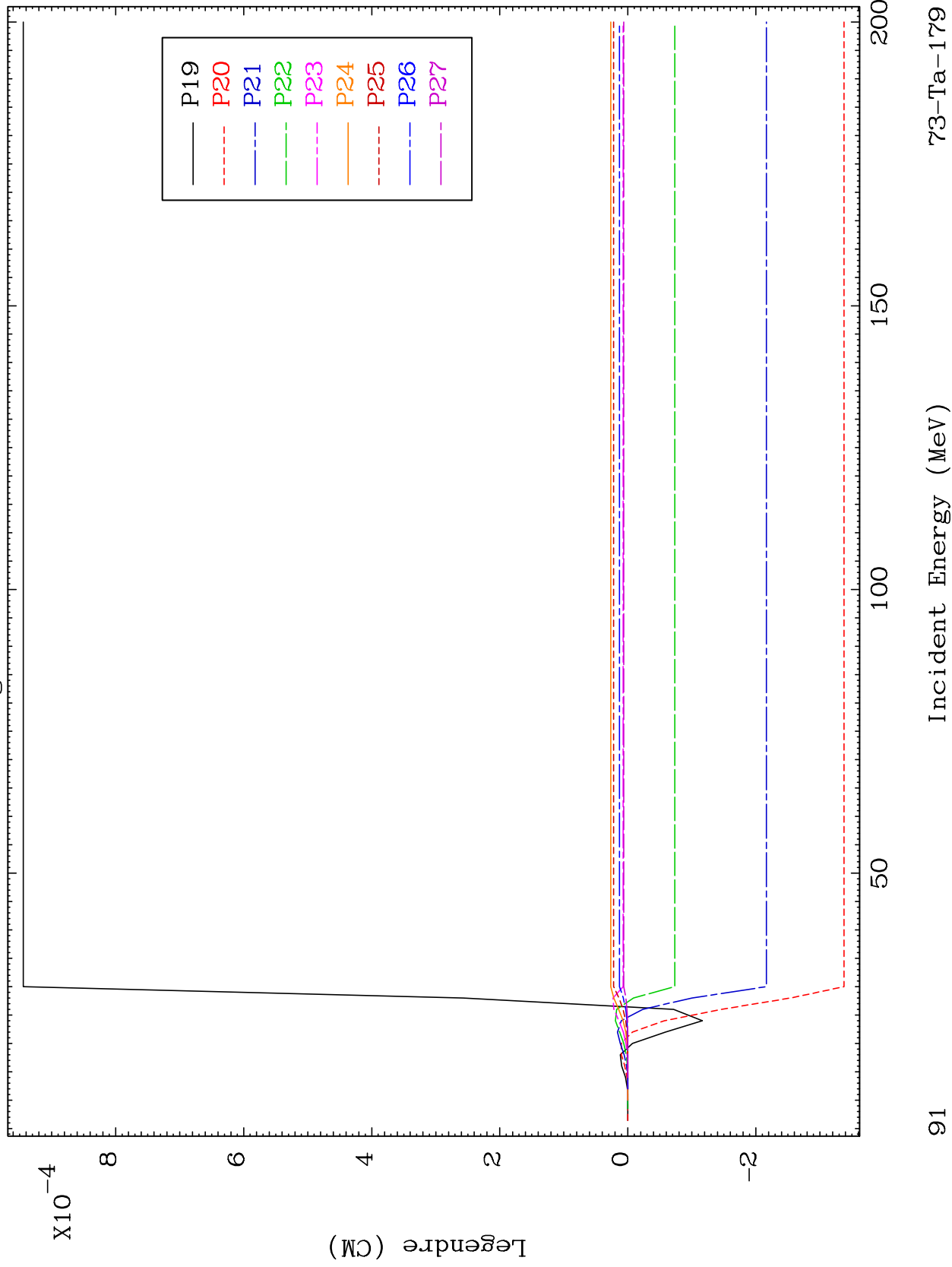
Incident Energy (MeV)

90

MAT 7322

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

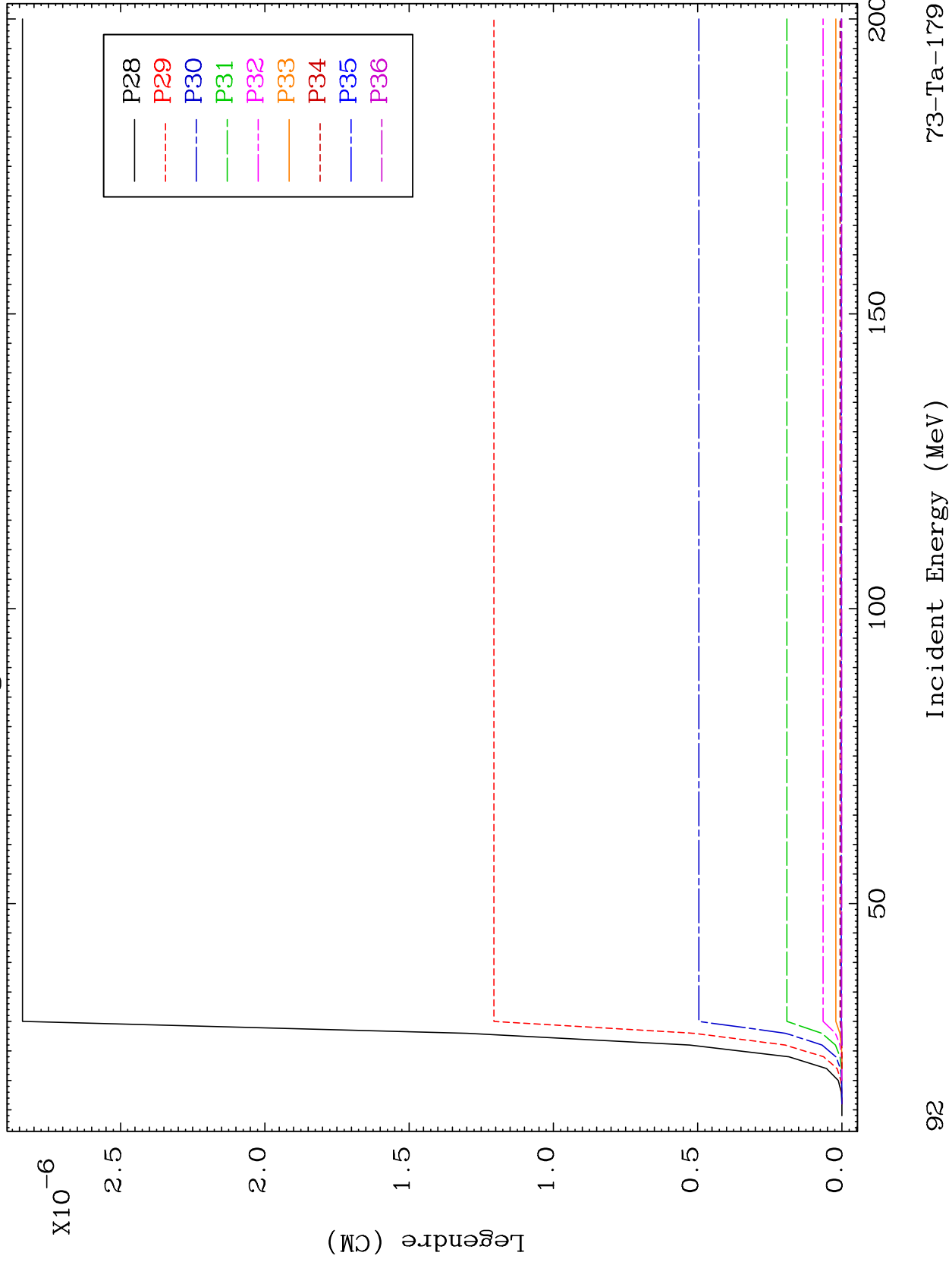
73-Ta-179



MAT 7322

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

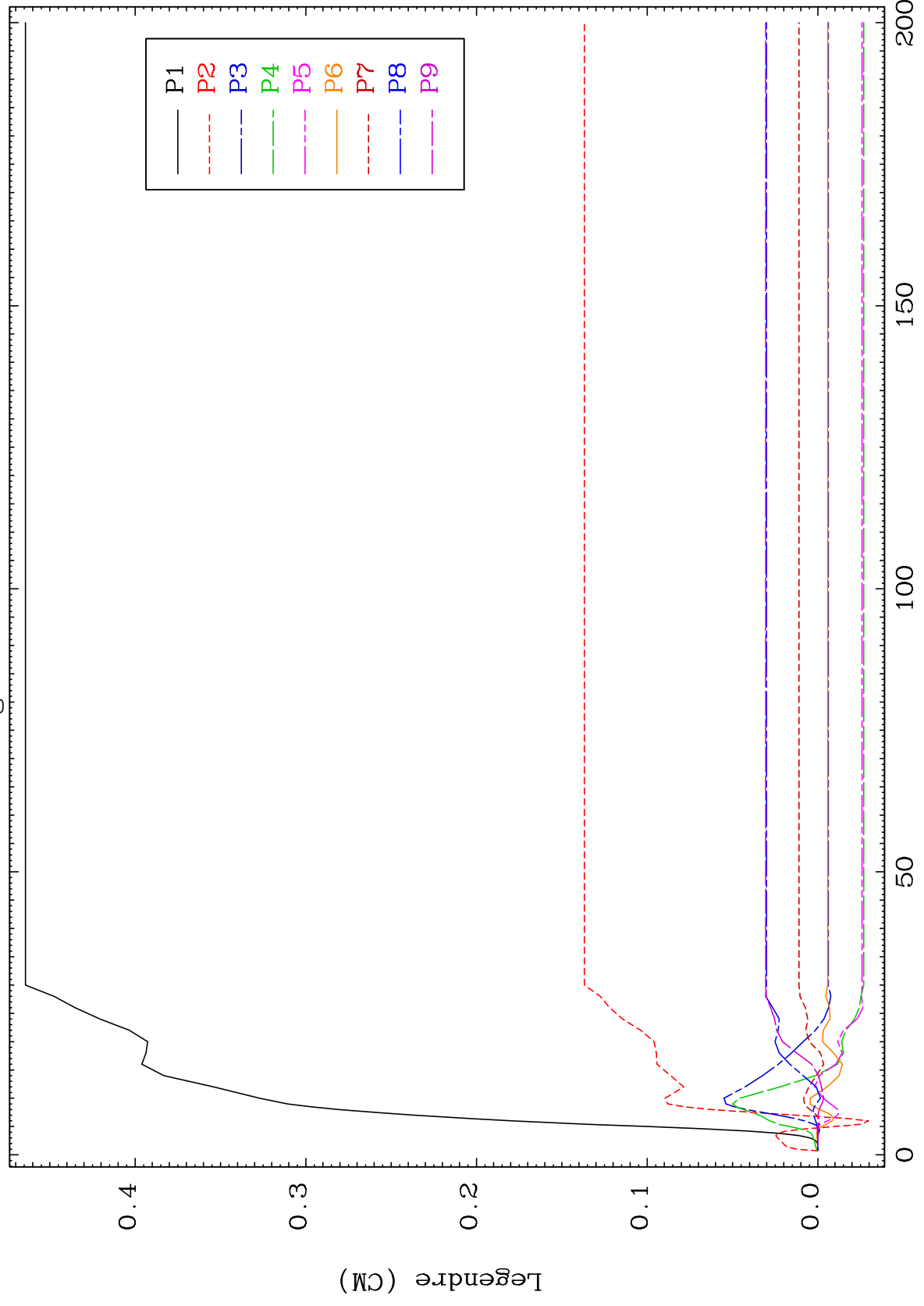
73-Ta-179



MAT 7322

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

73-Ta-179



93

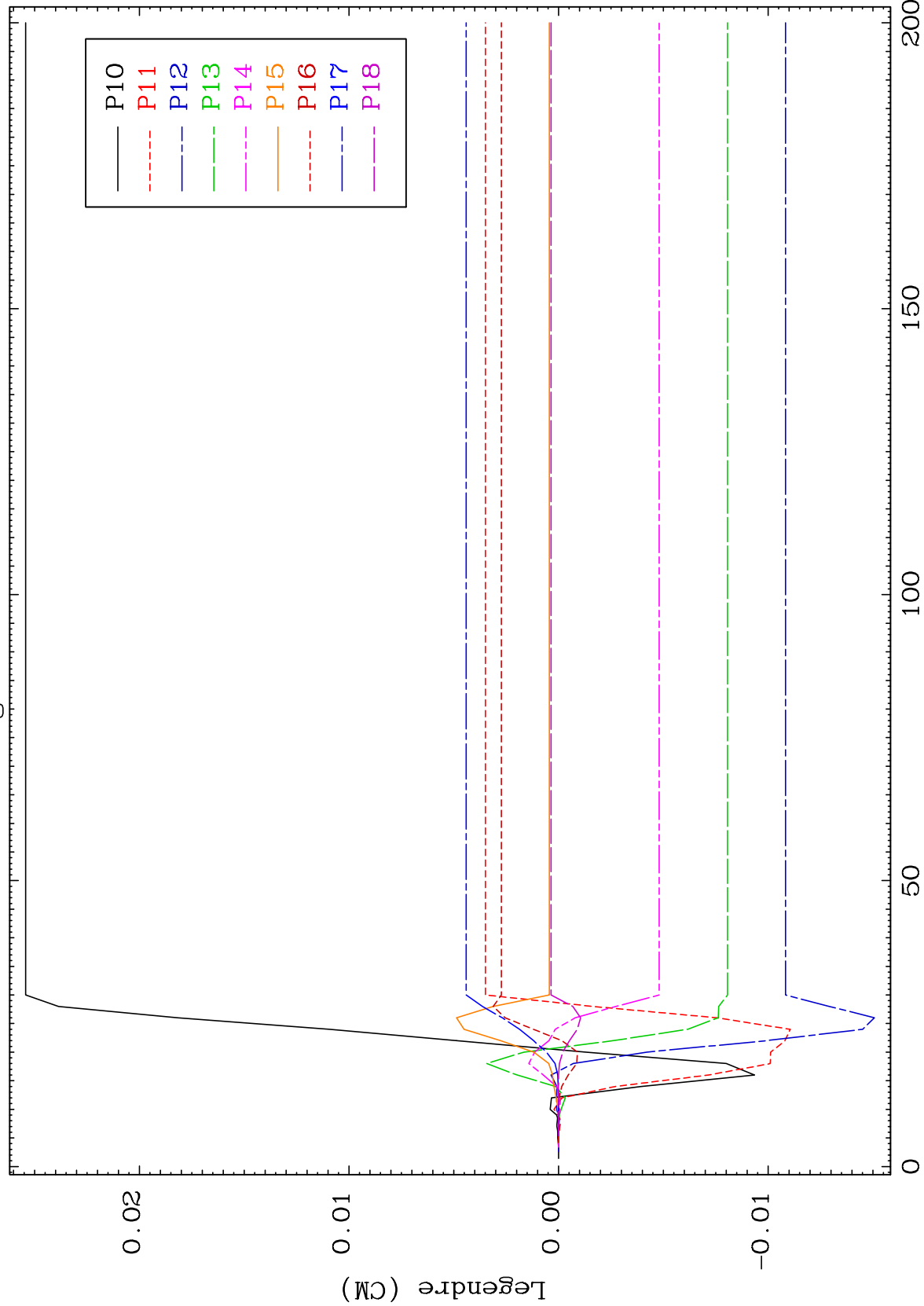
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



94

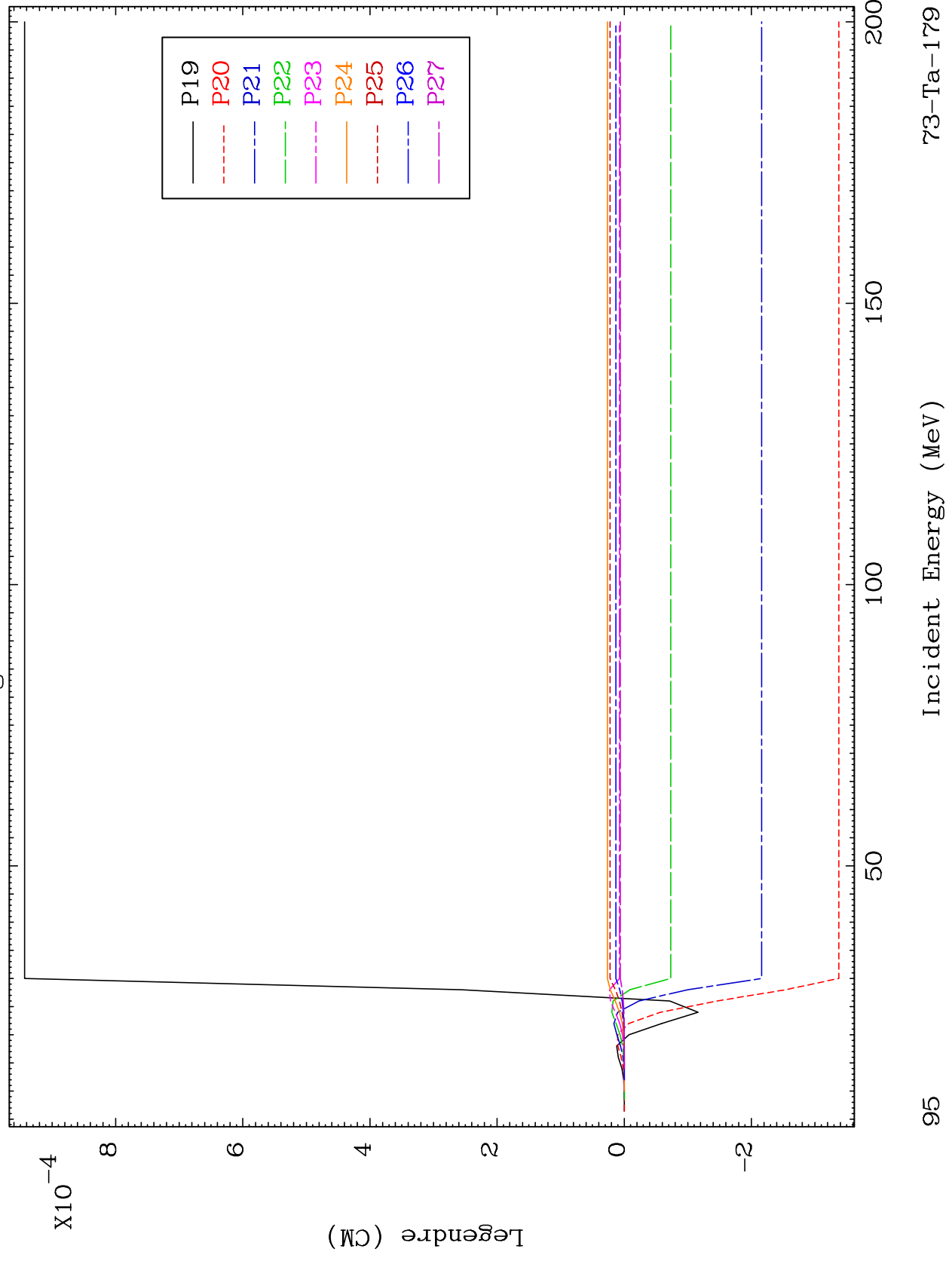
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



95

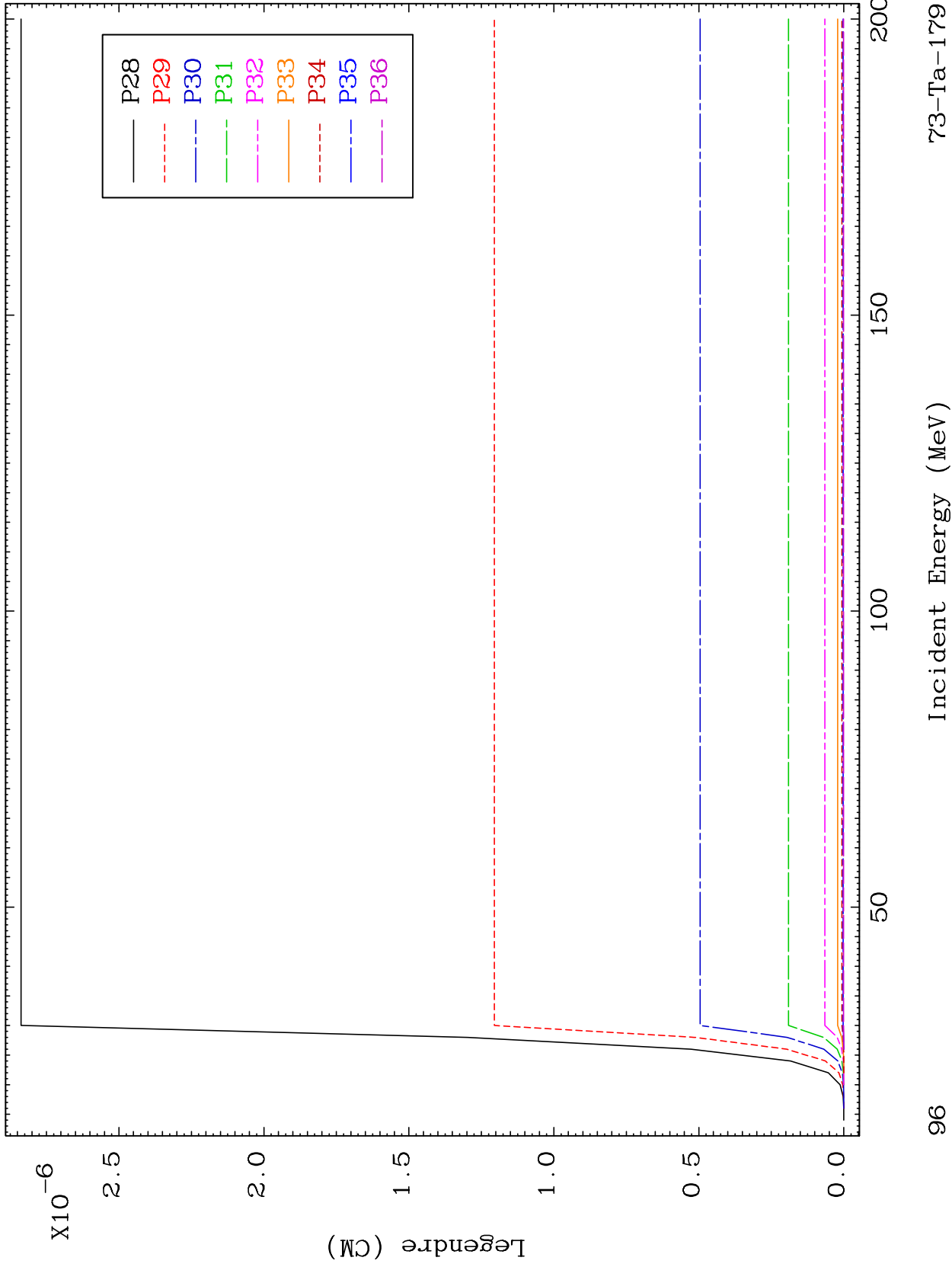
Incident Energy (MeV)

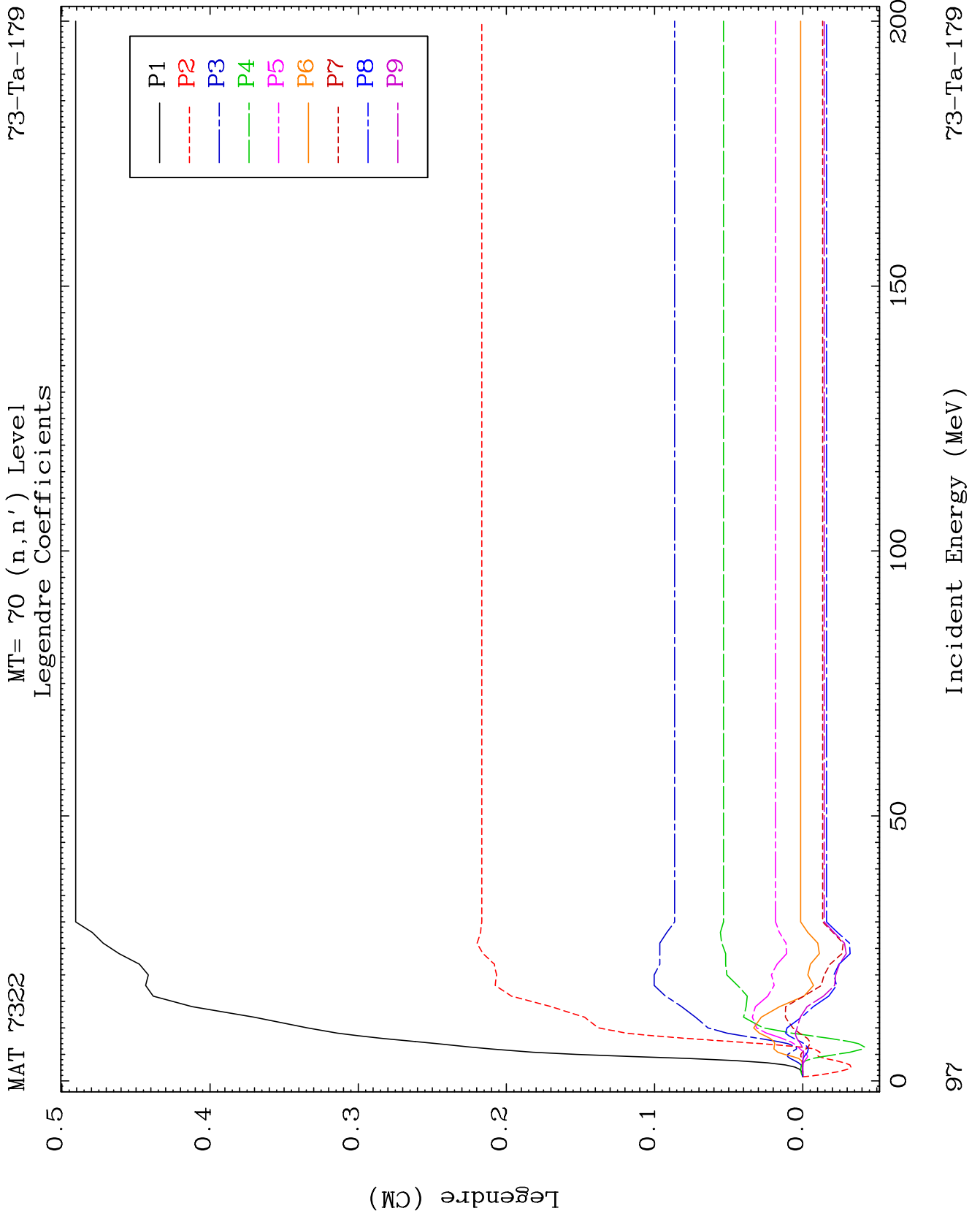
73-Ta-179

MAT 7322

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

73-Ta-179

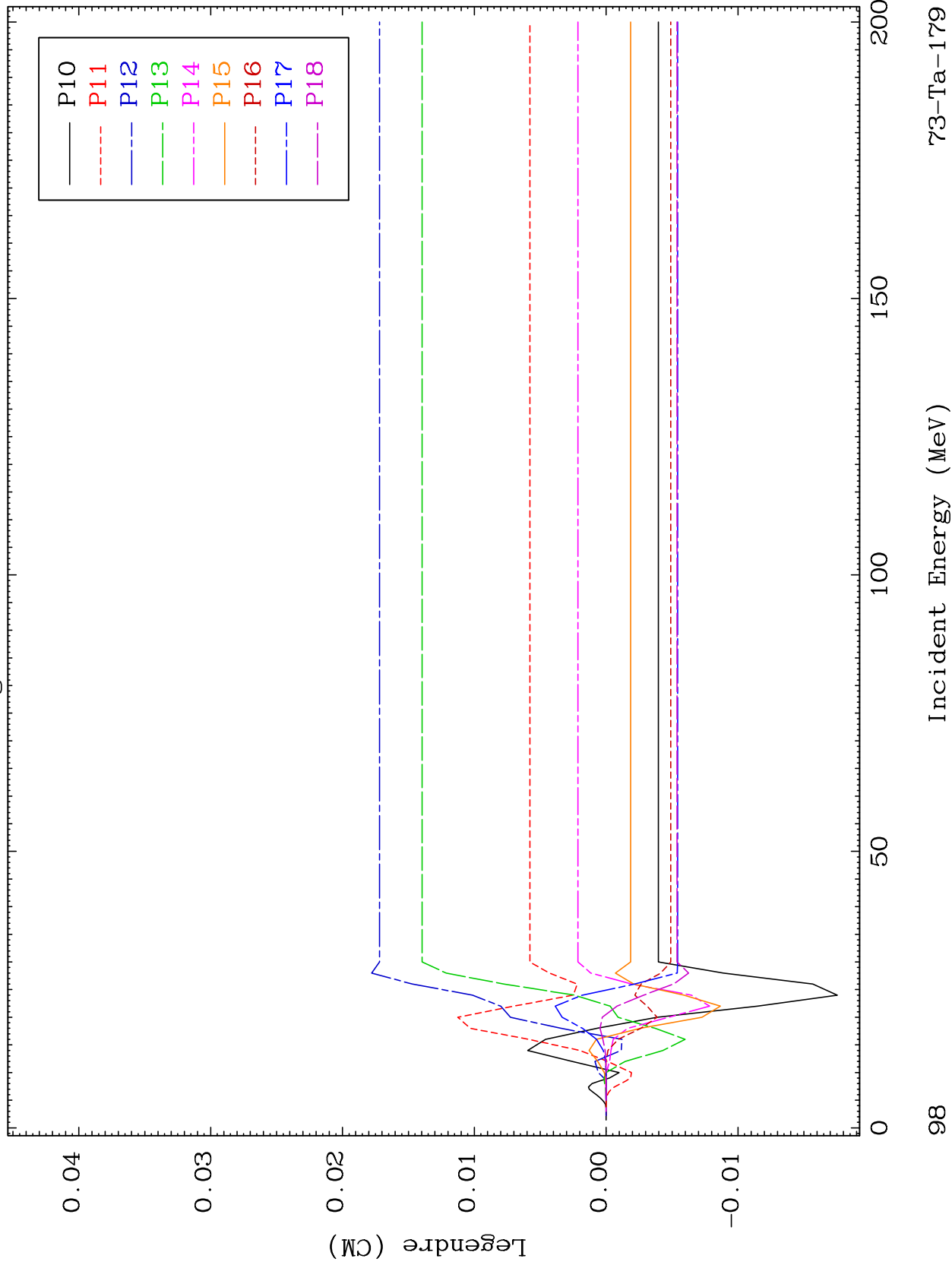




MAT 7322

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

73-Ta-179



73-Ta-179

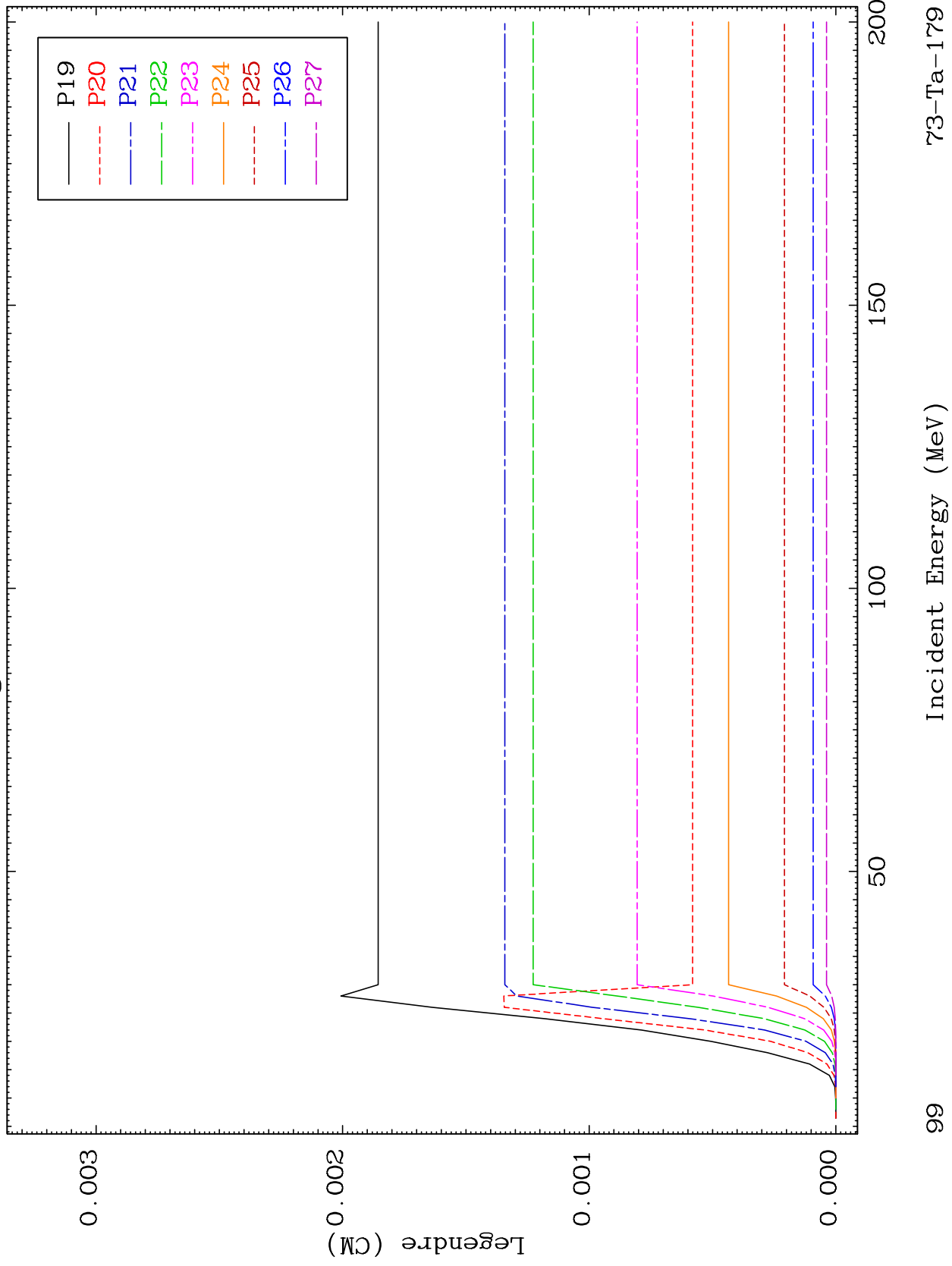
Incident Energy (MeV)

98

MAT 7322

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

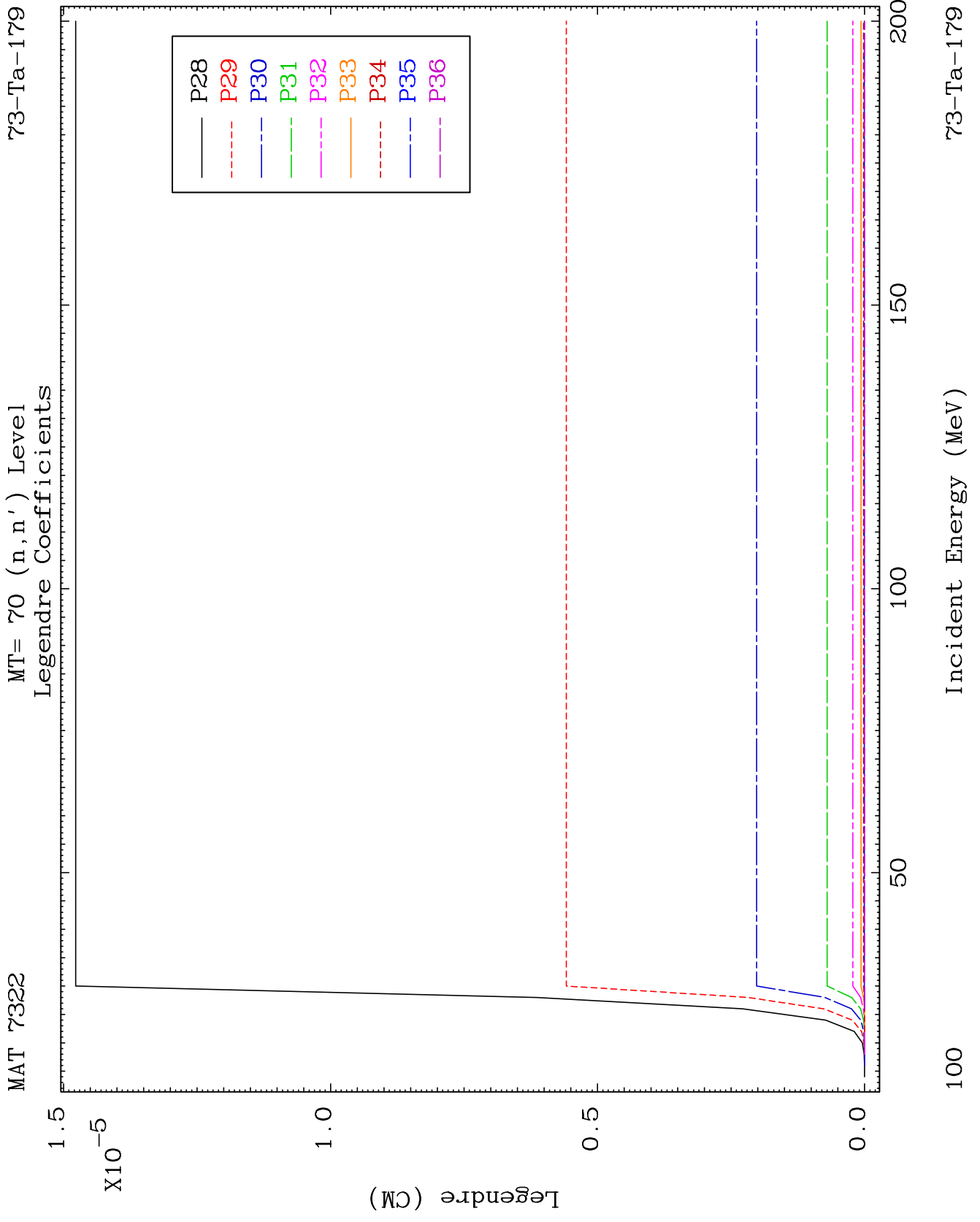
73-Ta-179

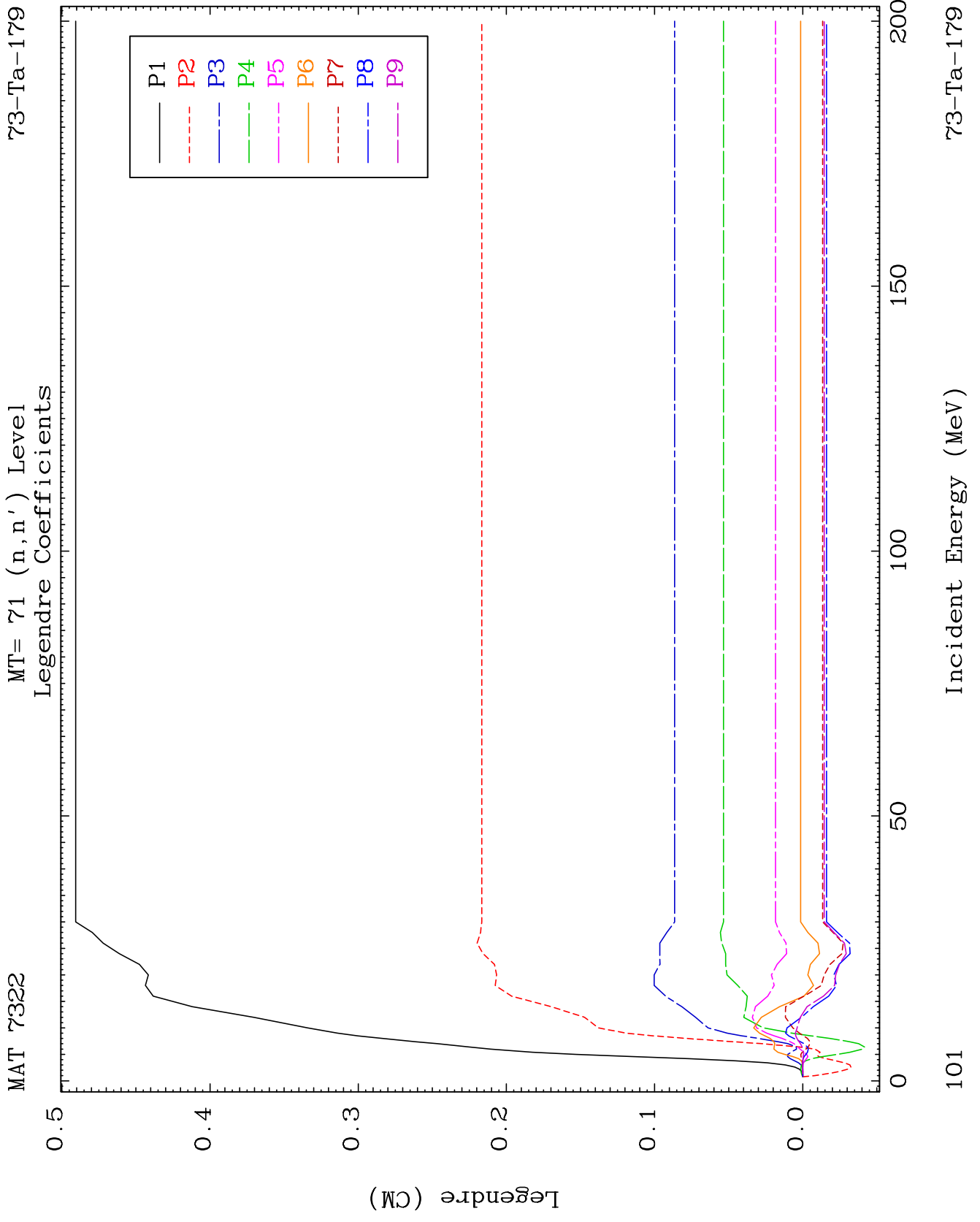


99

Incident Energy (MeV)

73-Ta-179

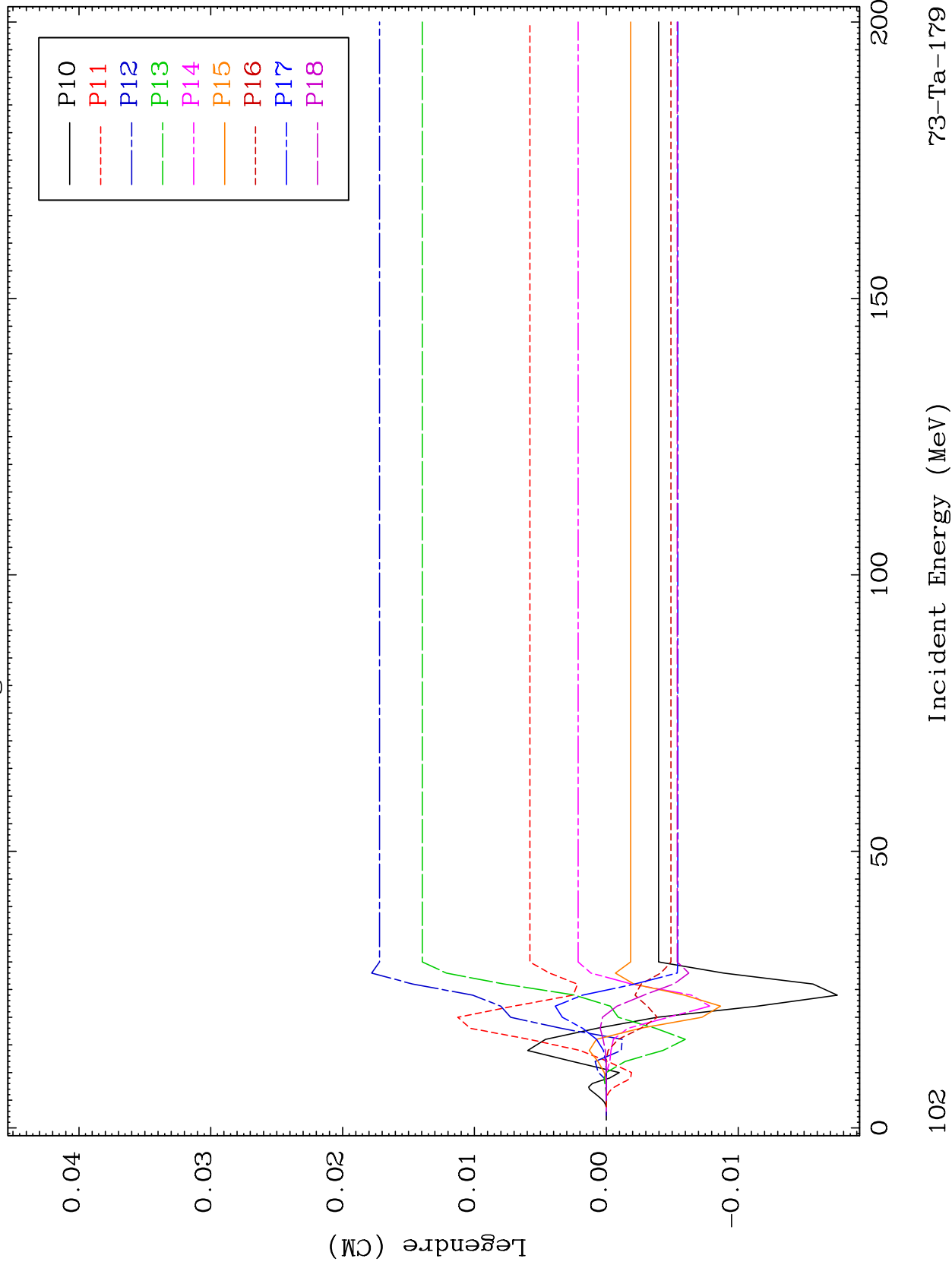




MAT 7322

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

73-Ta-179



73-Ta-179

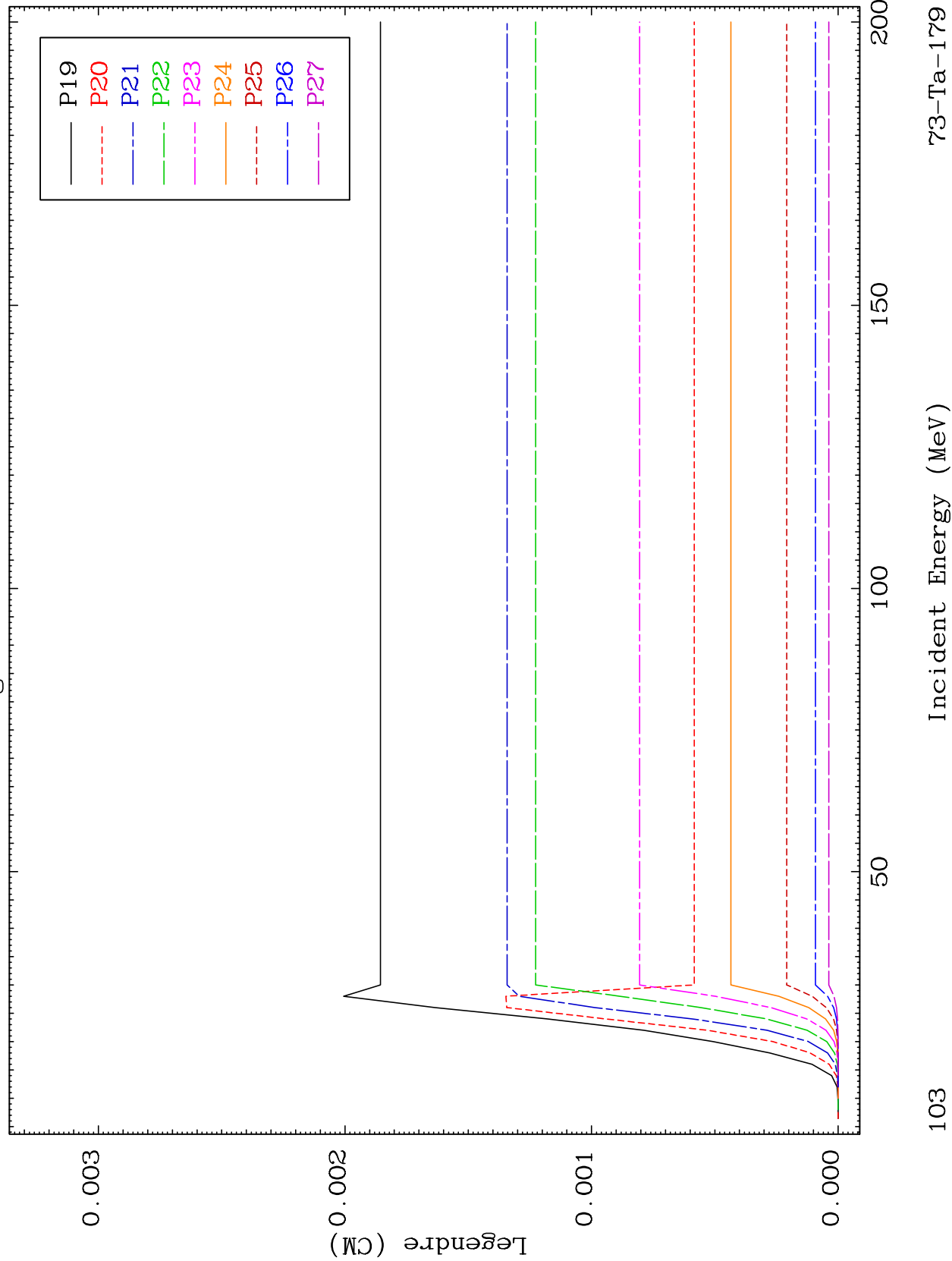
Incident Energy (MeV)

102

MAT 7322

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

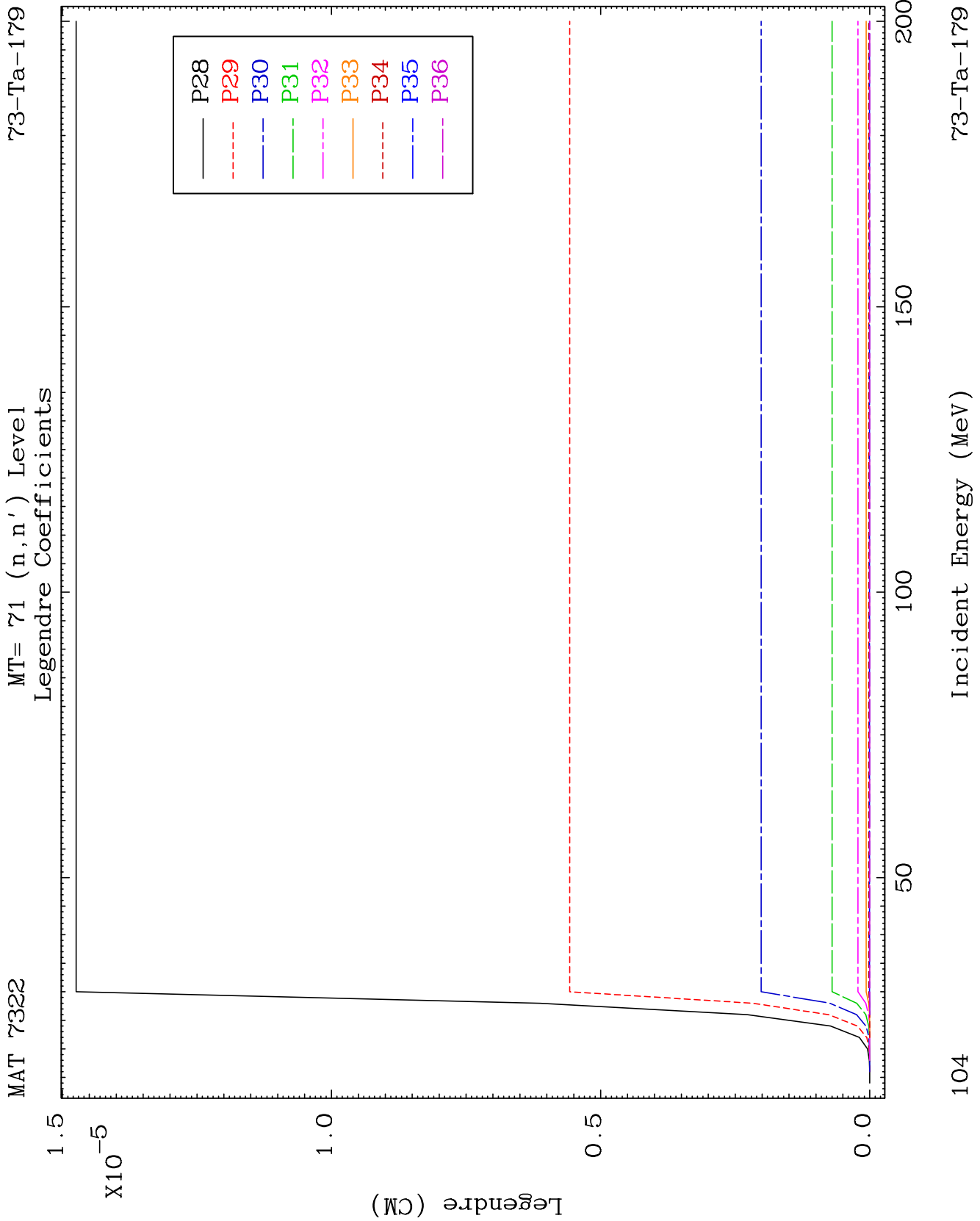
73-Ta-179



103

Incident Energy (MeV)

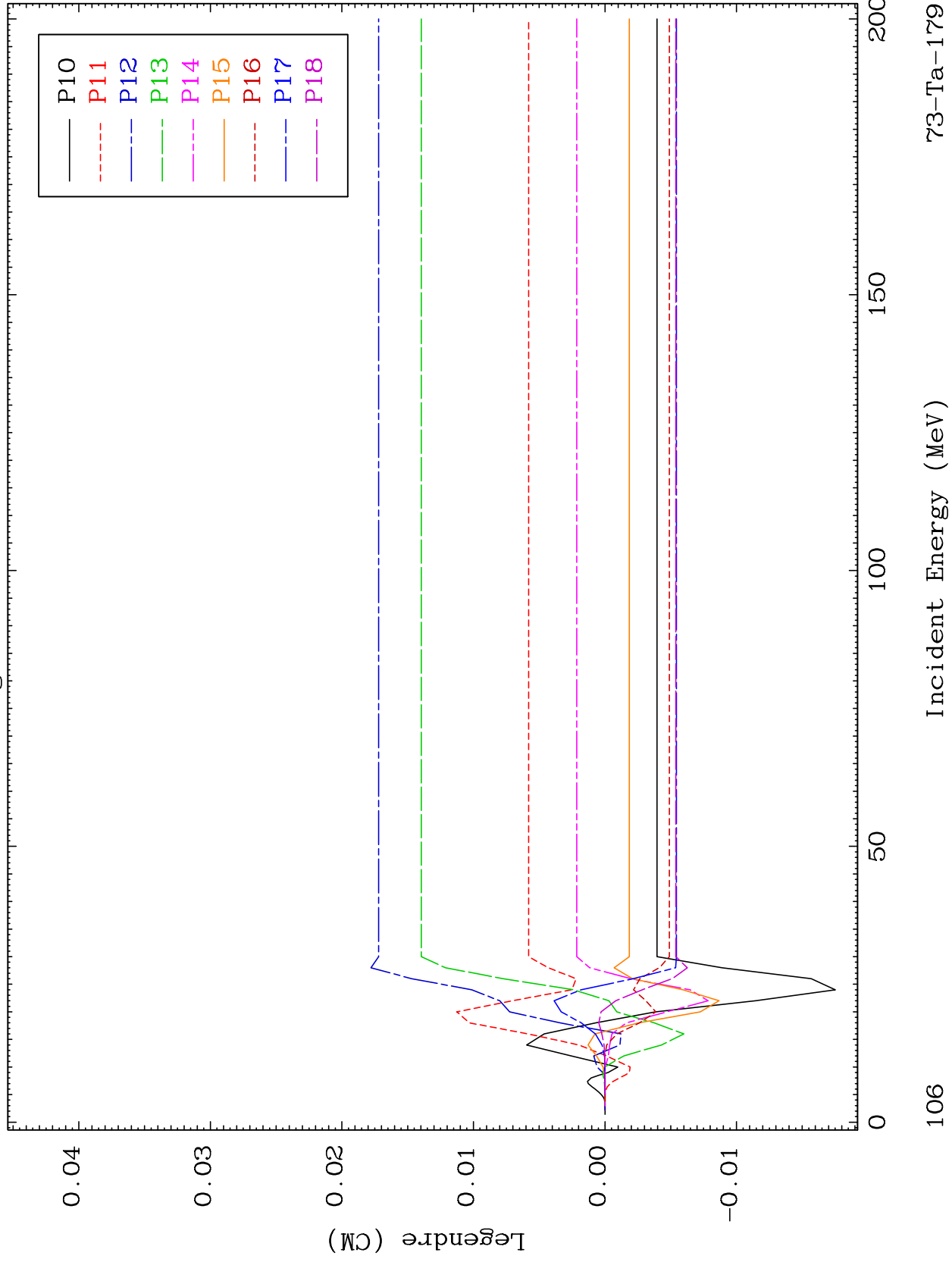
73-Ta-179



MAT 7322

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

73-Ta-179



73-Ta-179

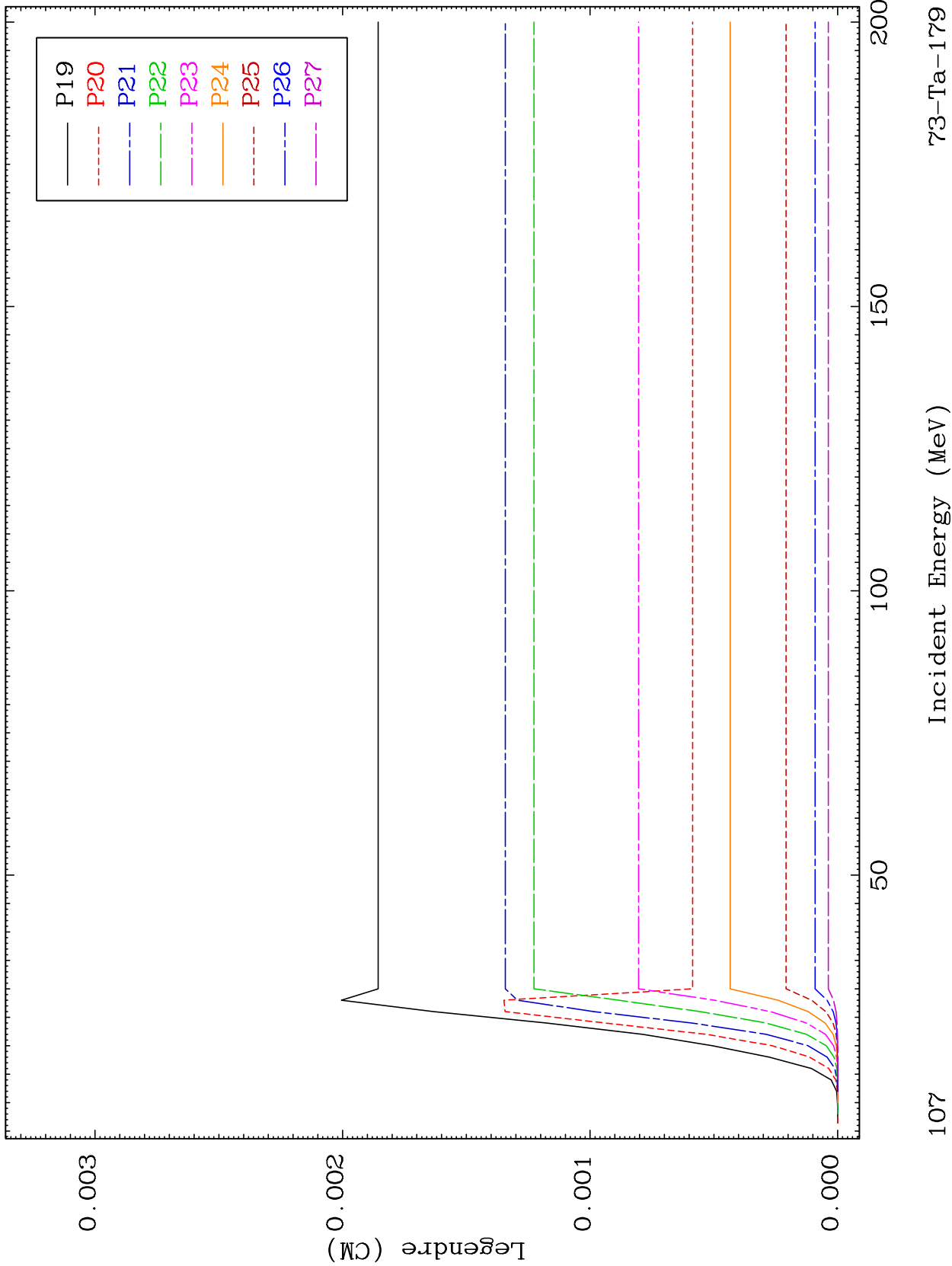
Incident Energy (MeV)

106

MAT 7322

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

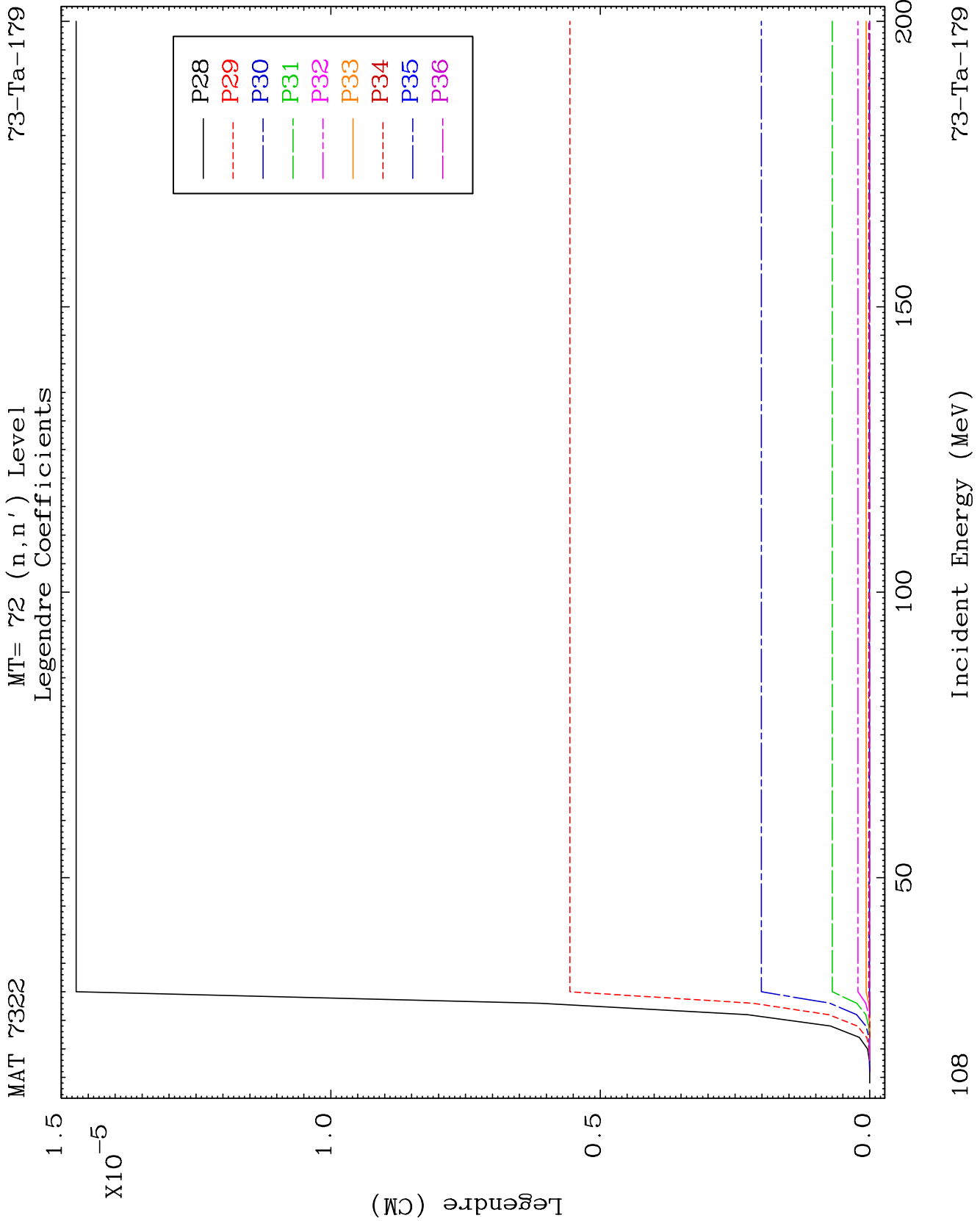
73-Ta-179



107

Incident Energy (MeV)

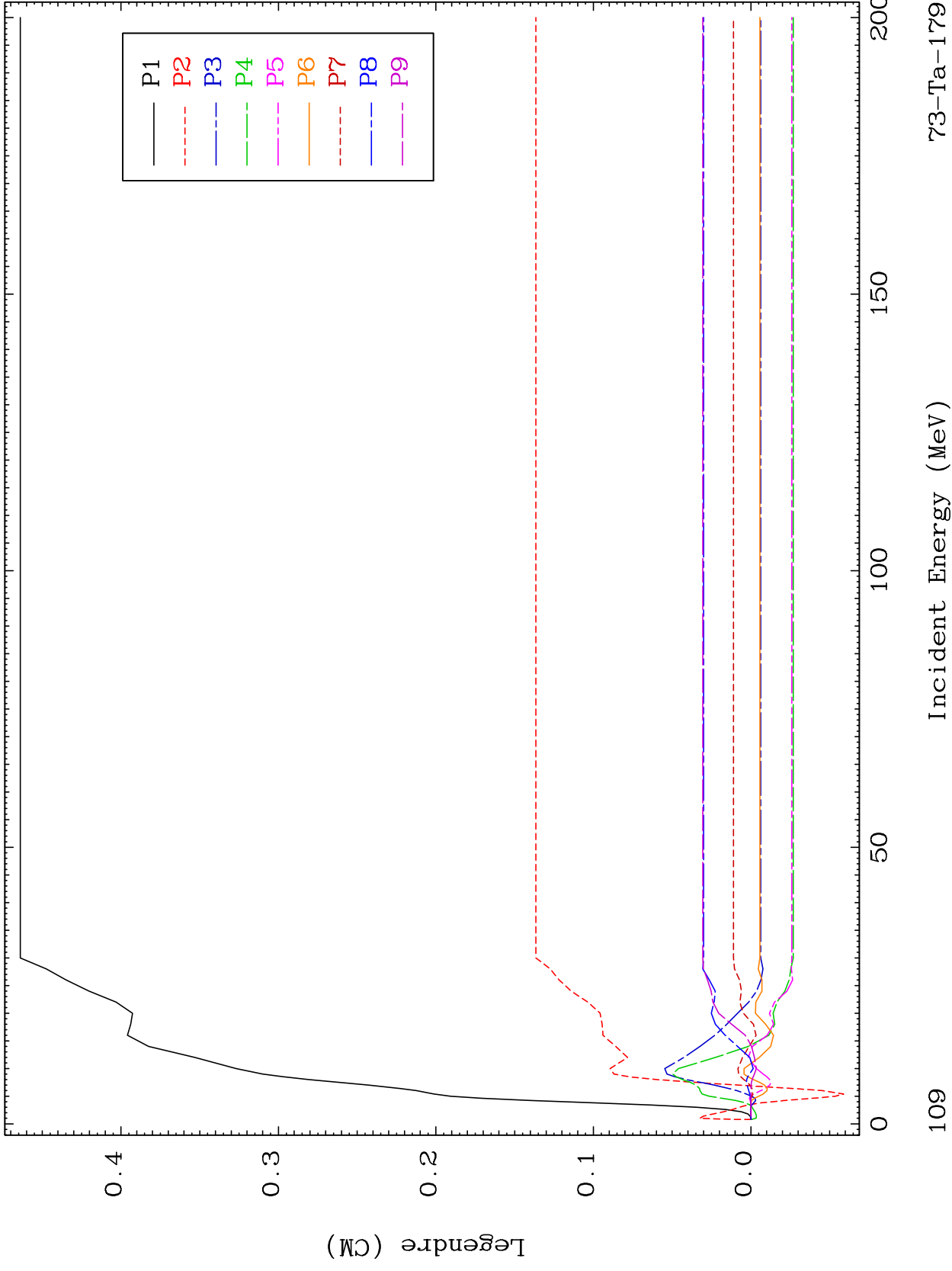
73-Ta-179



MAT 7322

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

73-Ta-179

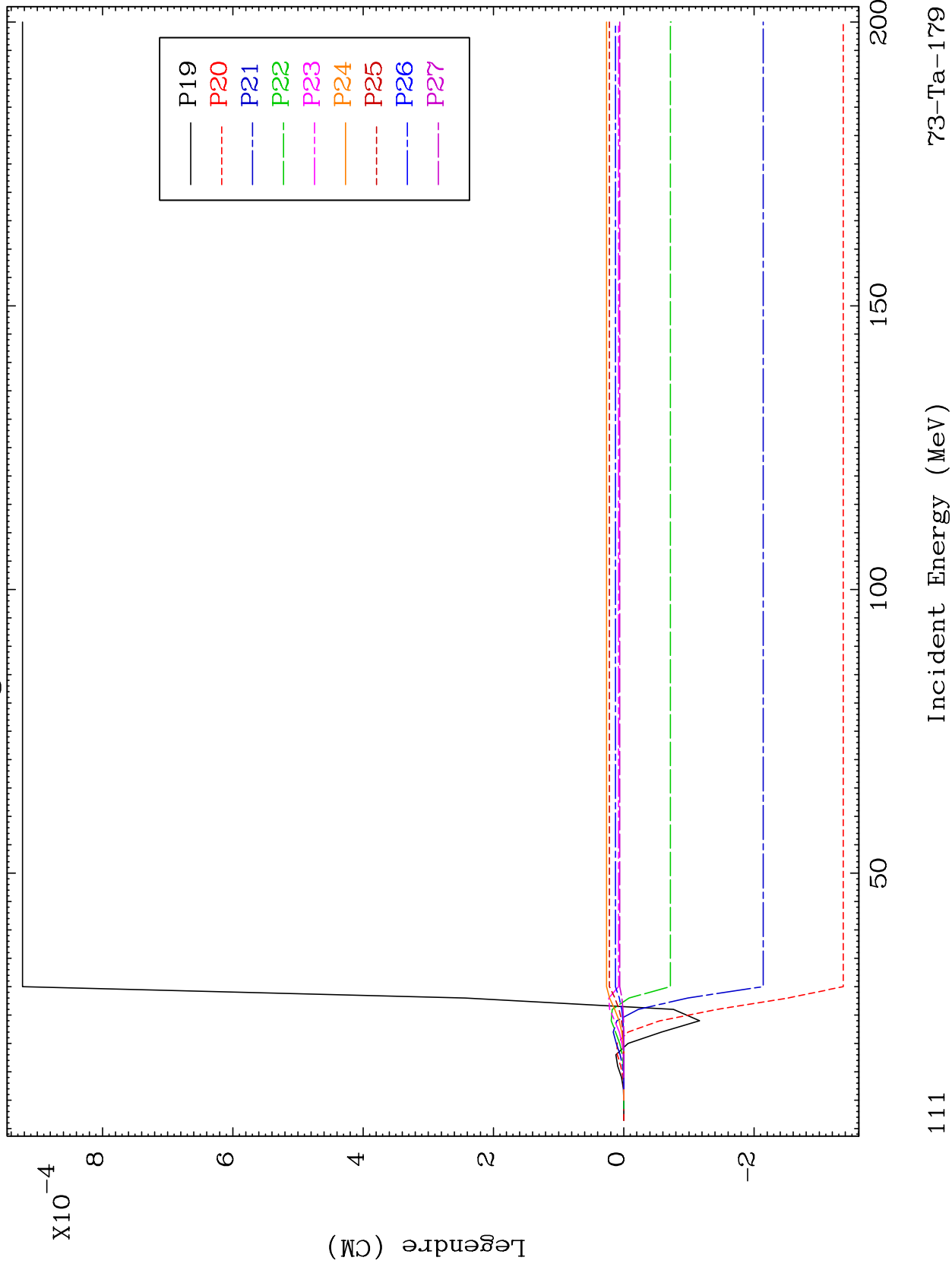


109

MAT 7322

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

73-Ta-179

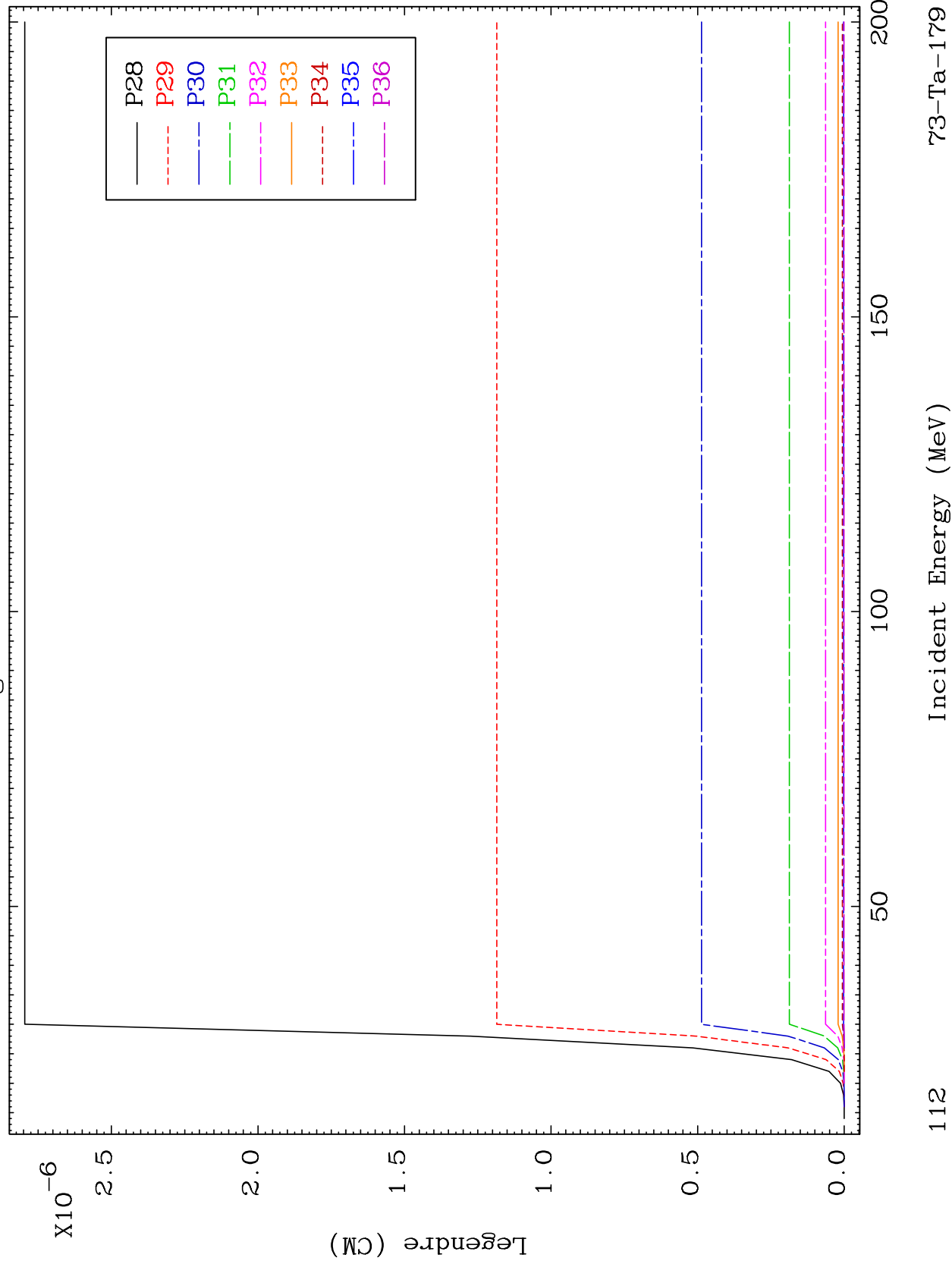


111

MAT 7322

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

73-Ta-179



112

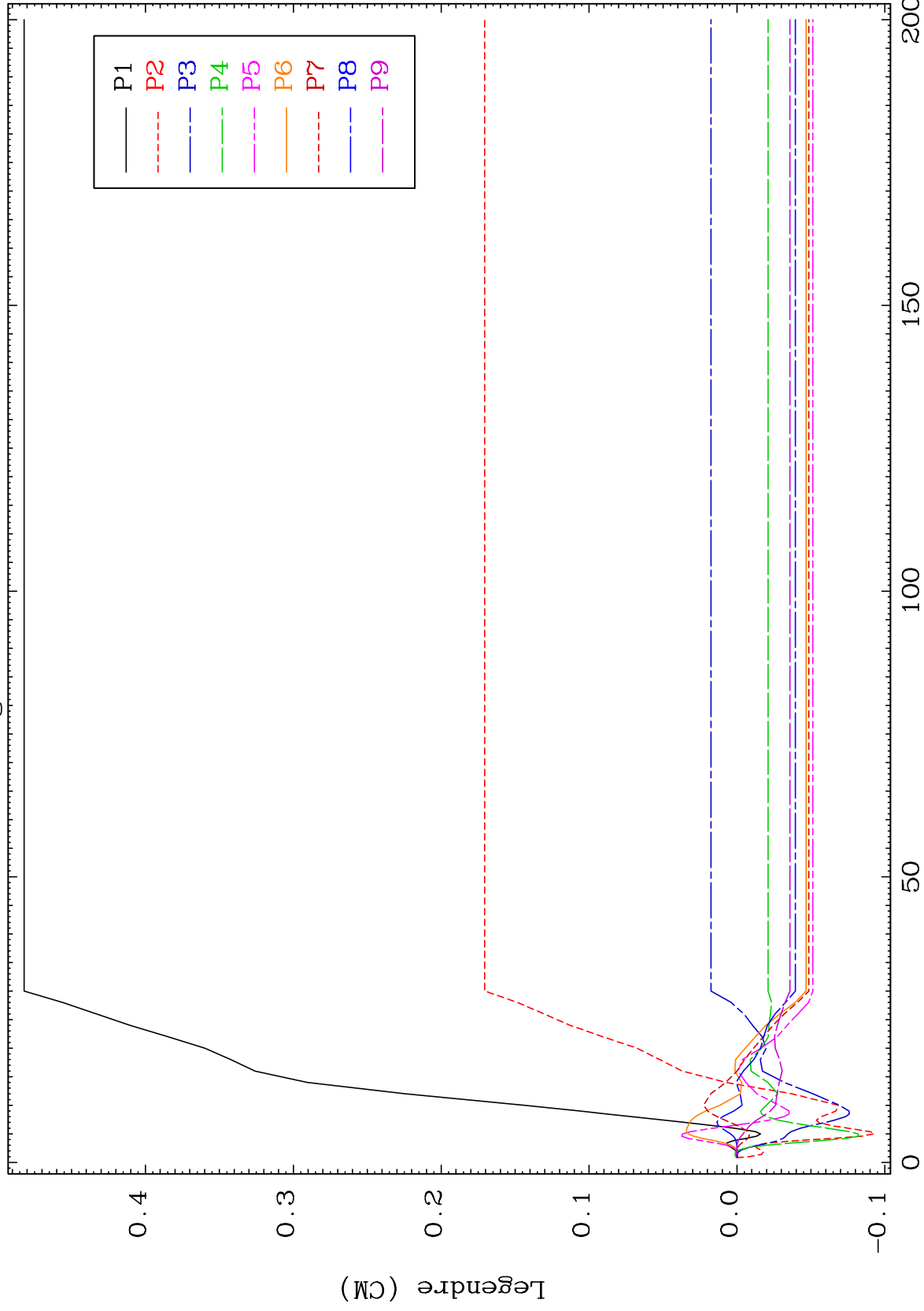
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



73-Ta-179

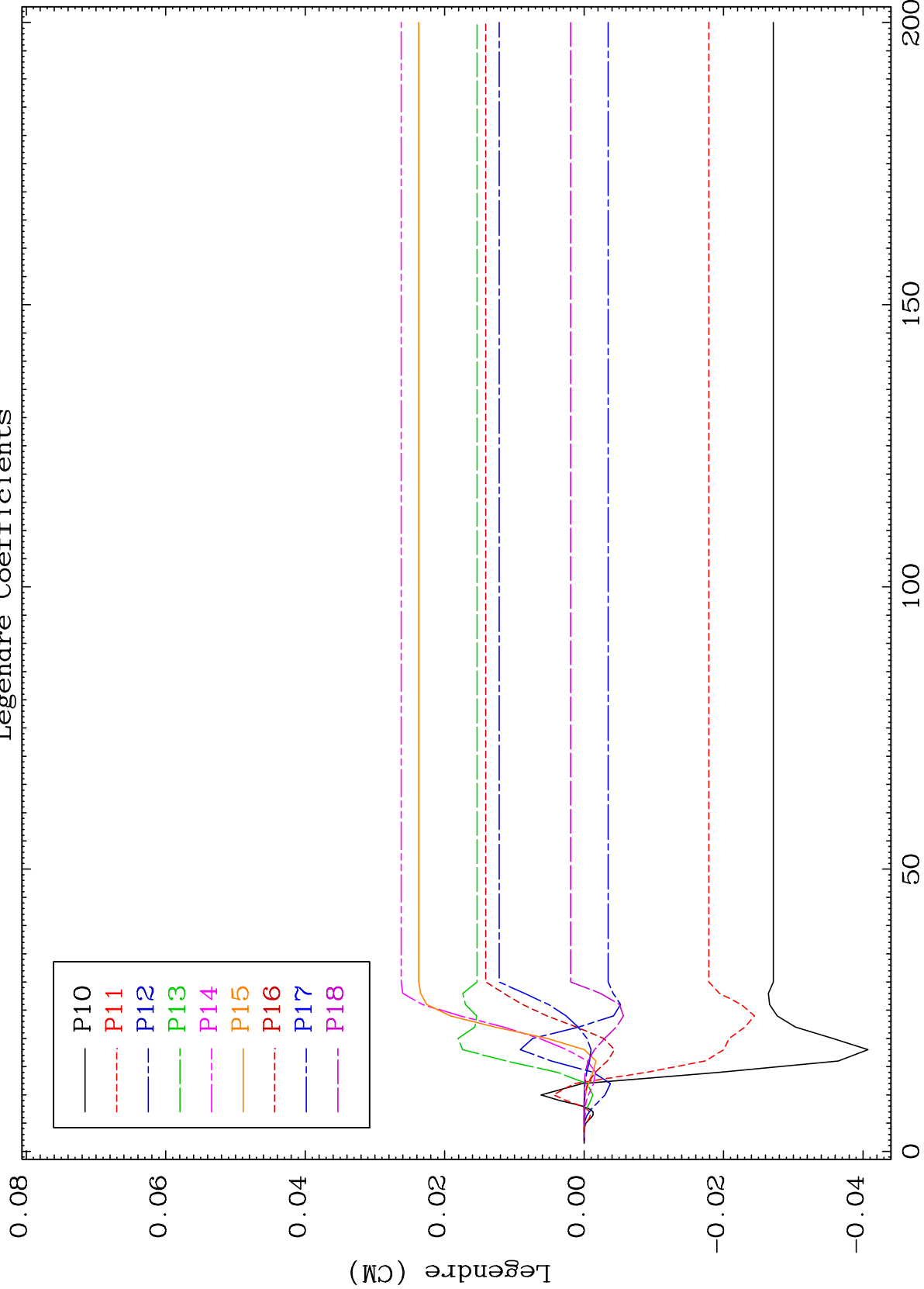
Incident Energy (MeV)

113

MAT 7322

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

73-Ta-179



114

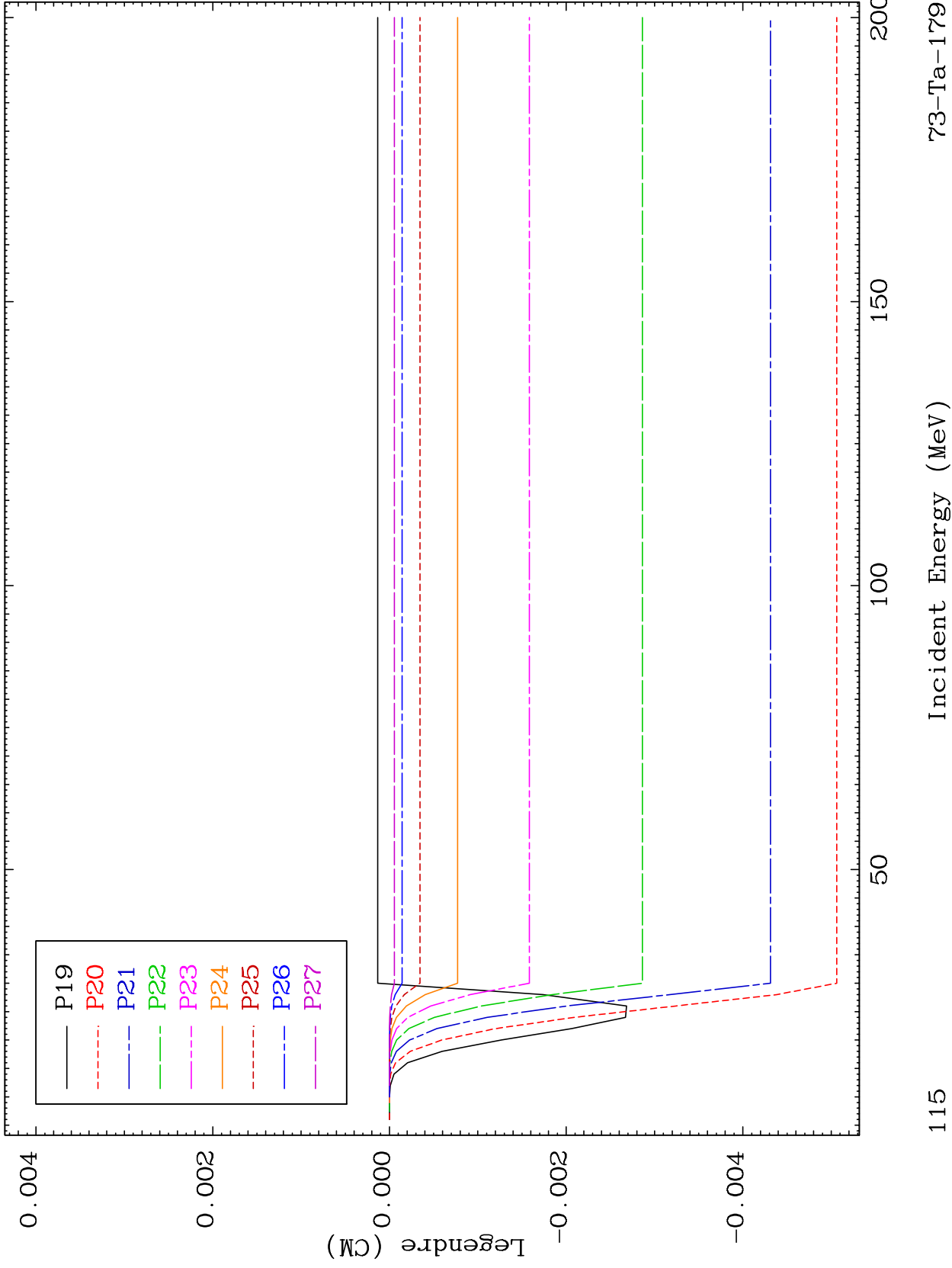
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

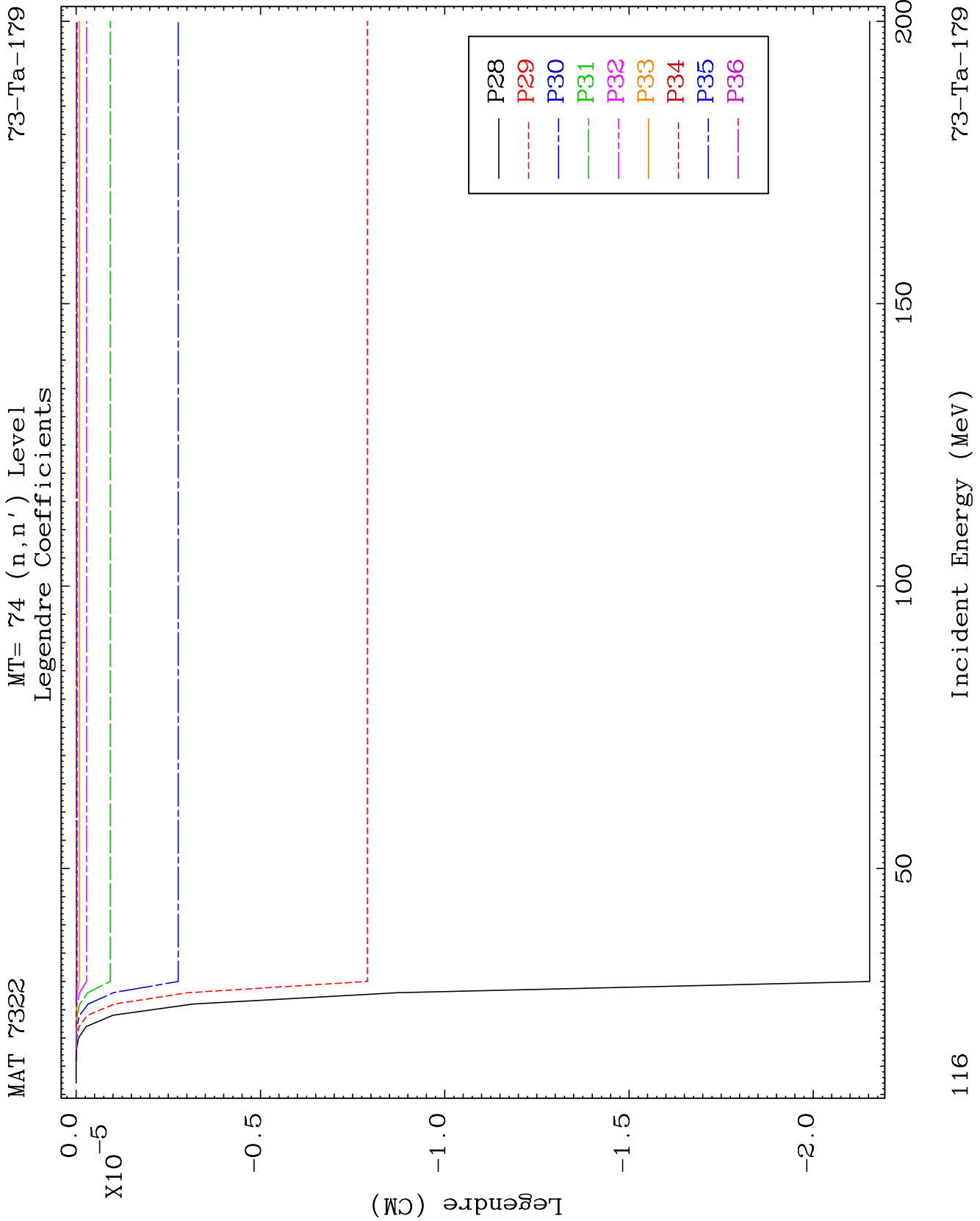
73-Ta-179



115

Incident Energy (MeV)

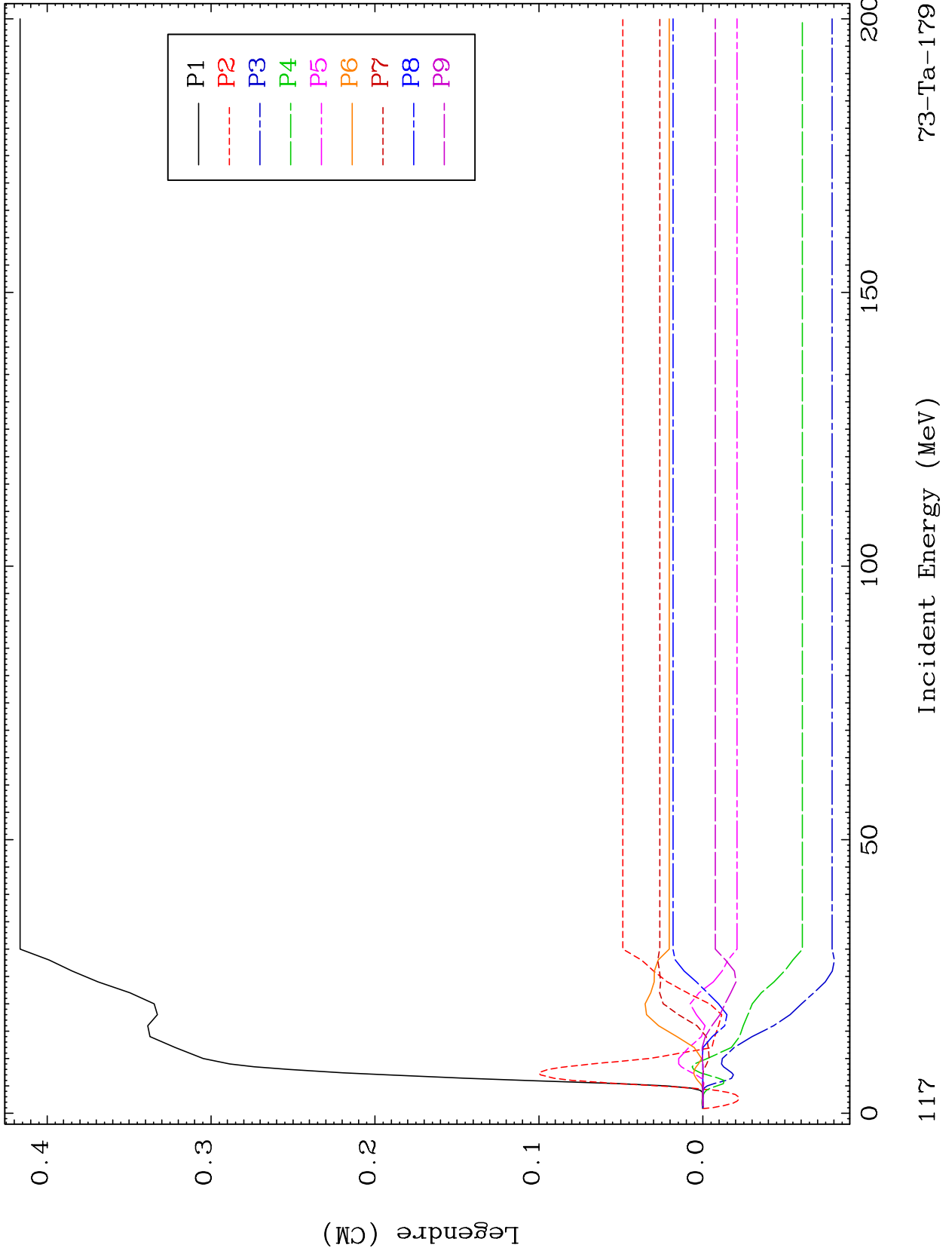
73-Ta-179



MAT 7322

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

73-Ta-179



117

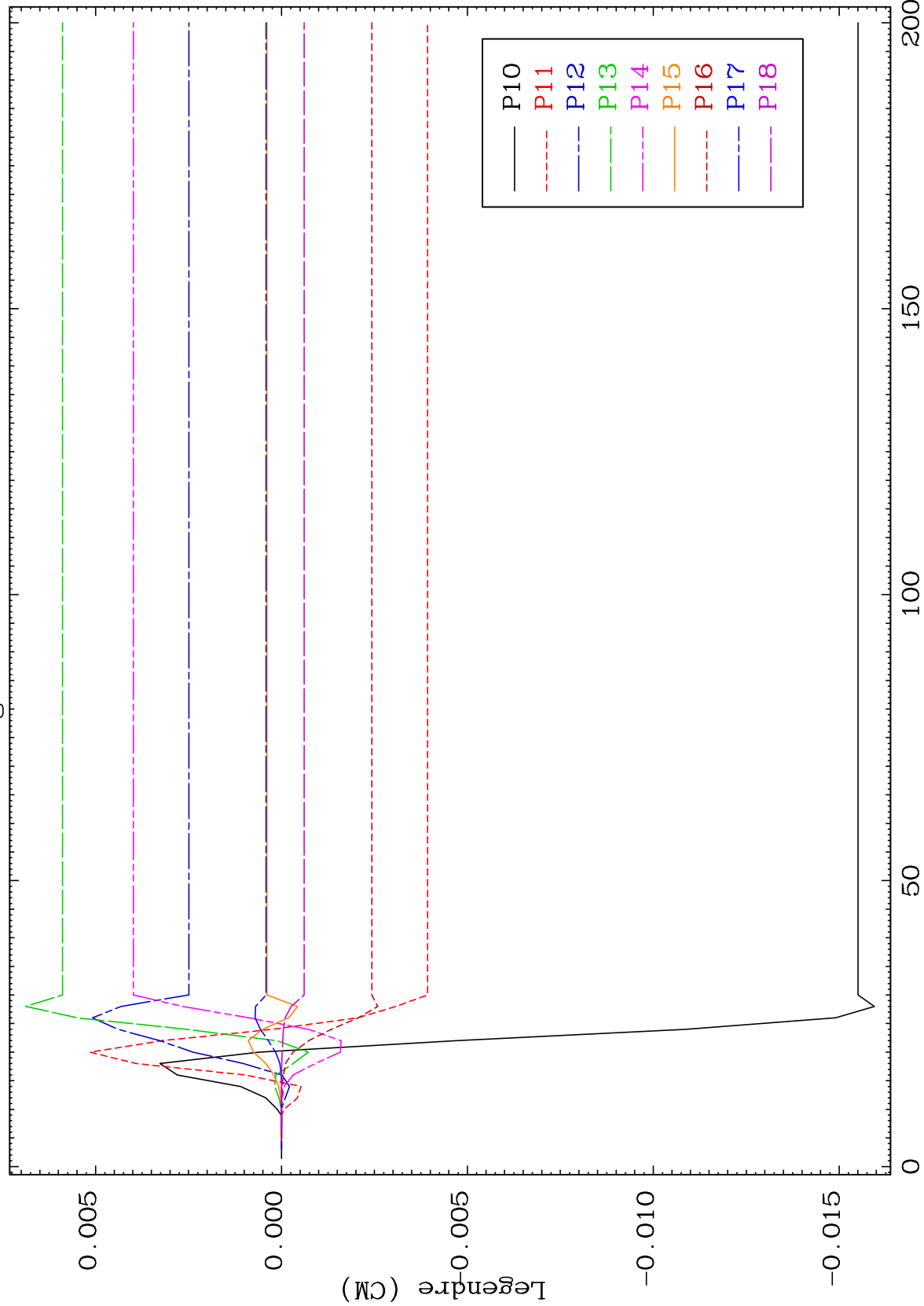
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



118

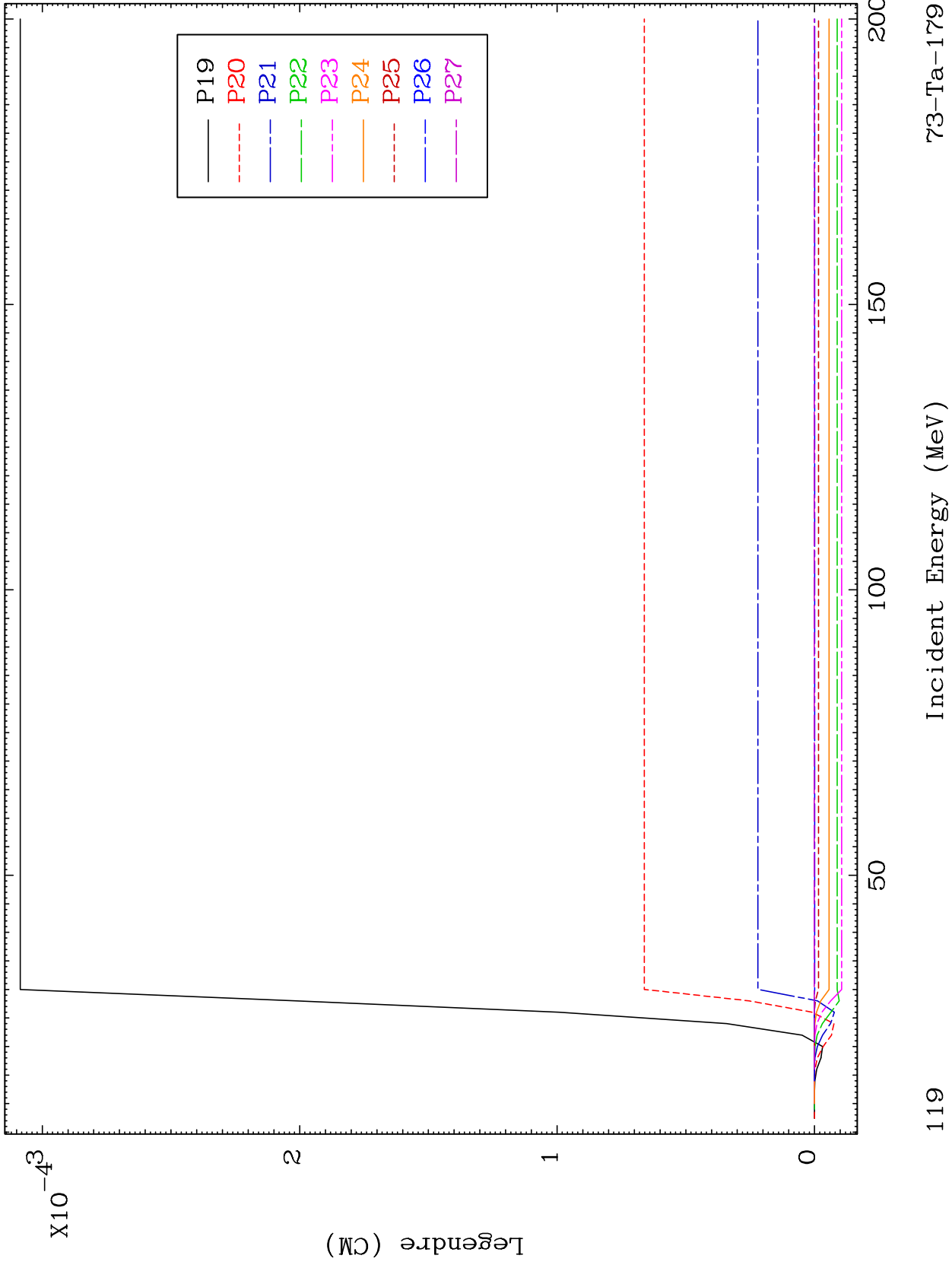
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179

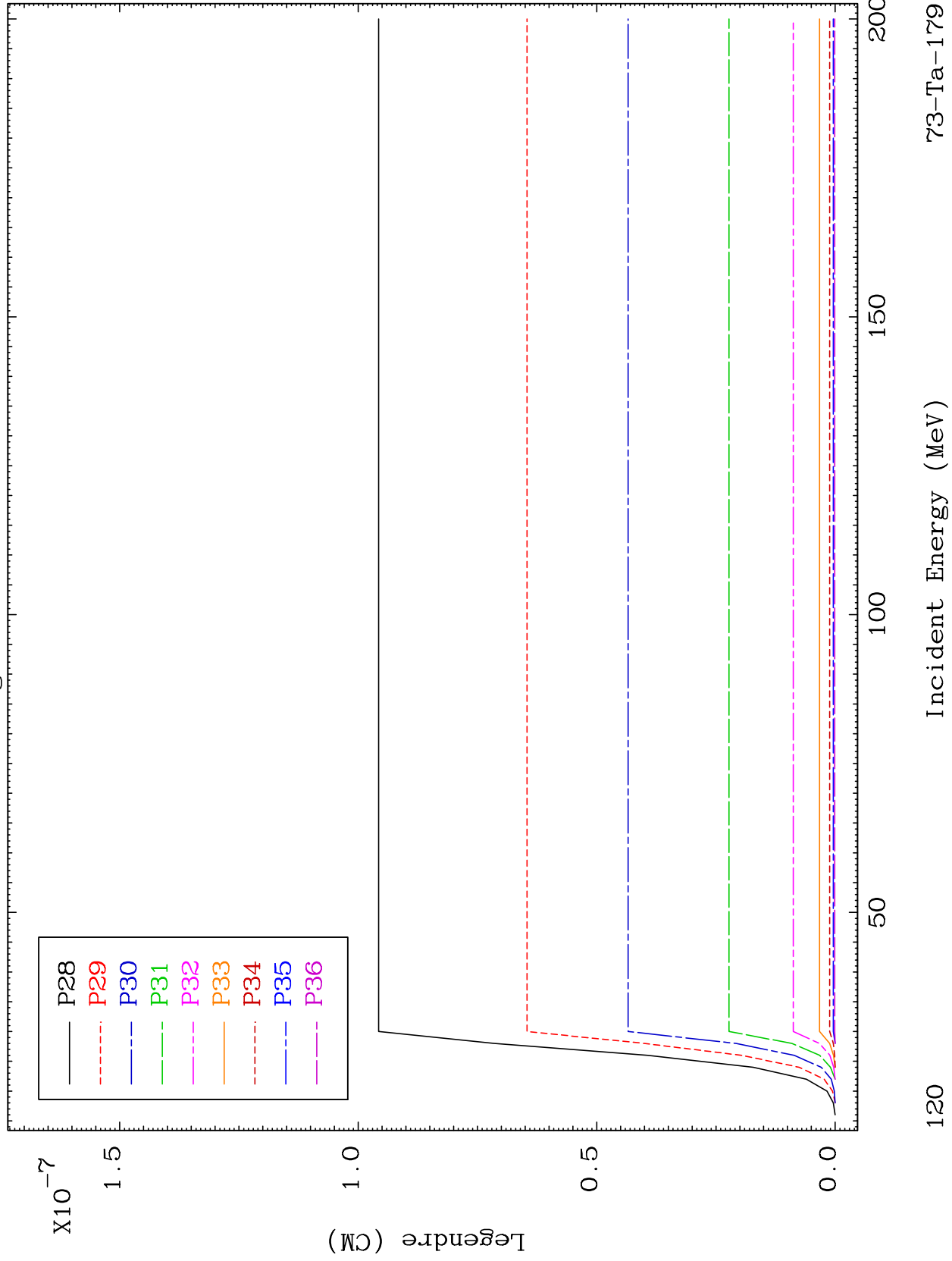


119

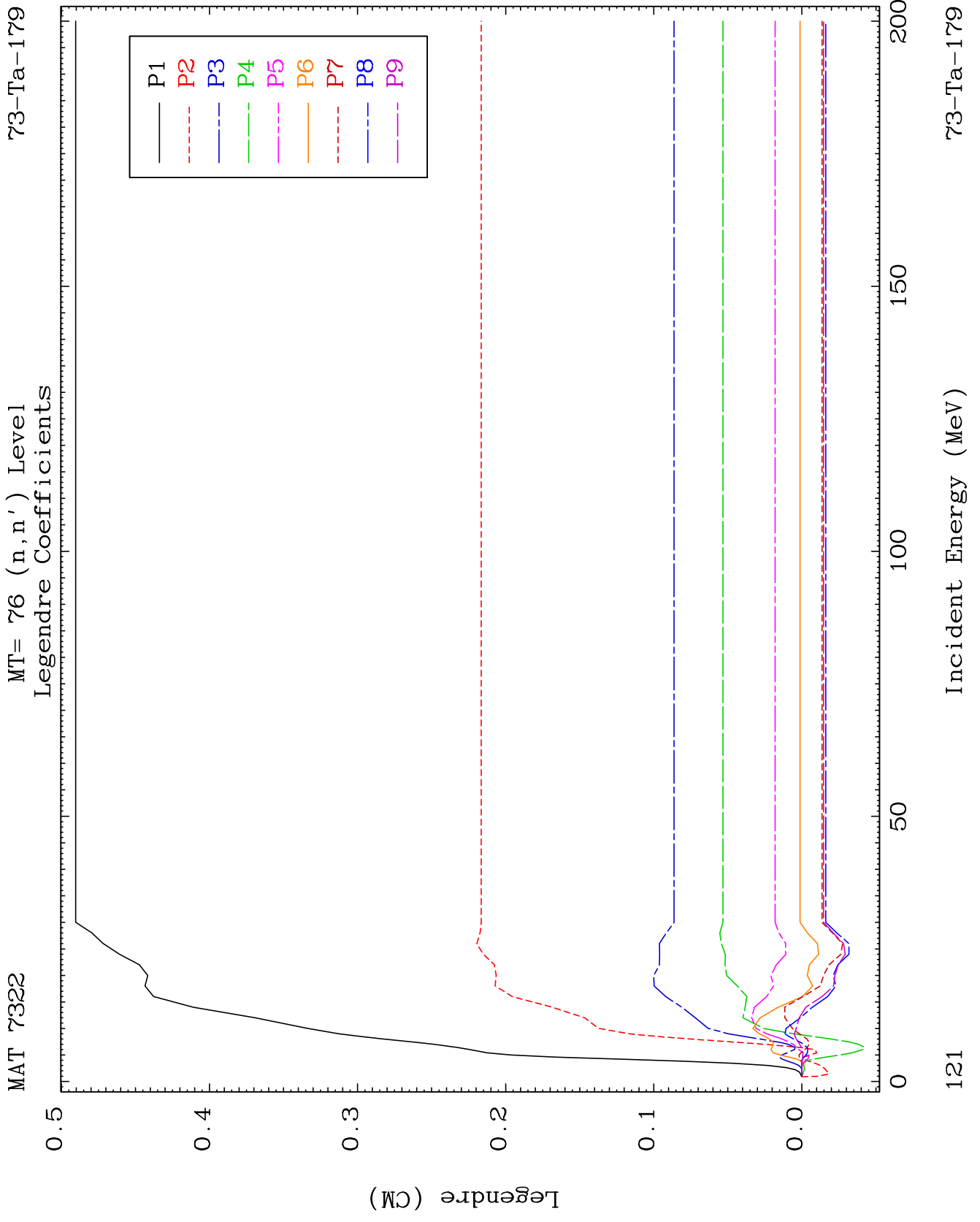
MAT 7322

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

⁷³Ta-179



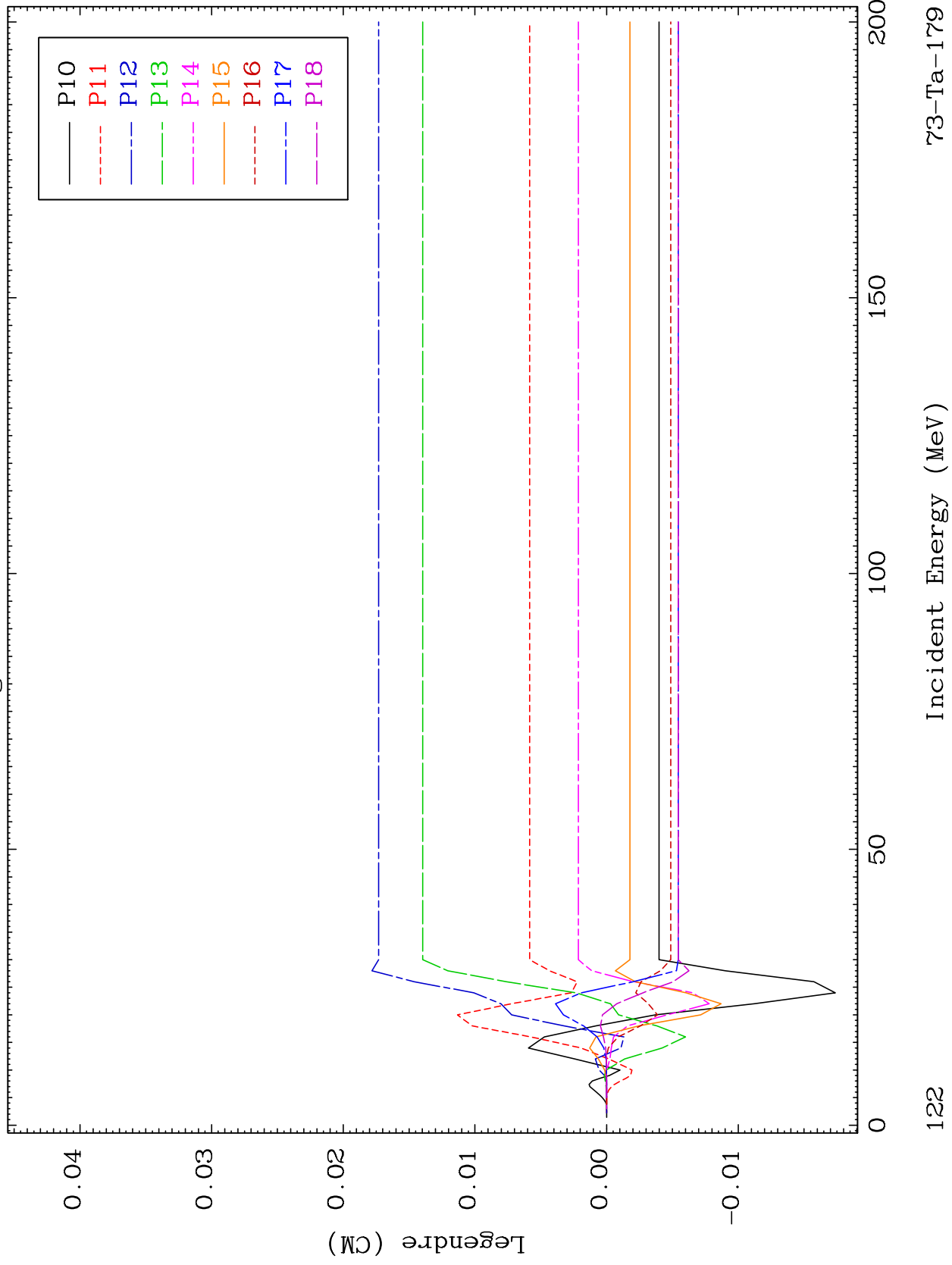
⁷³Ta-179



MAT 7322

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

73-Ta-179



73-Ta-179

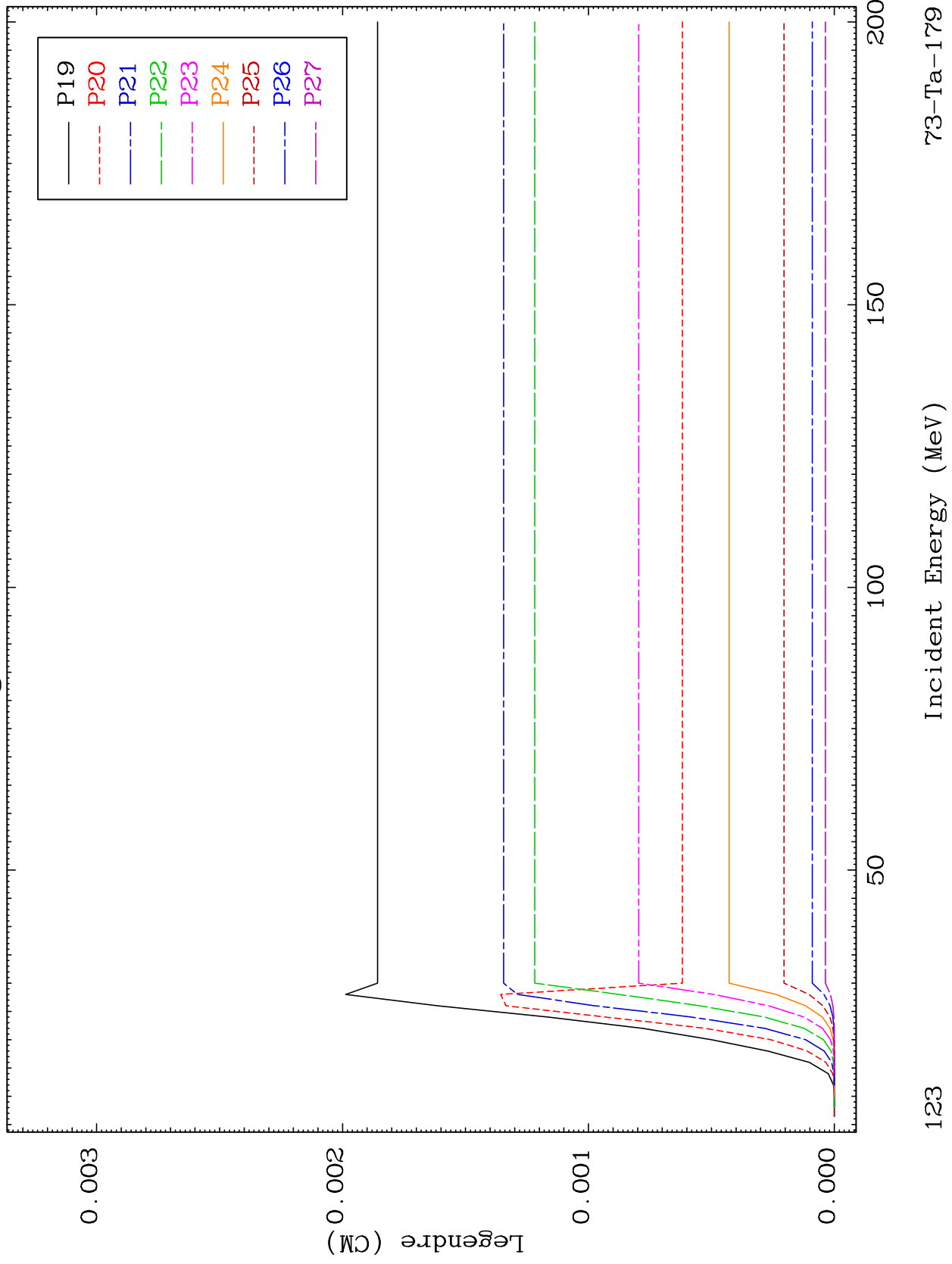
Incident Energy (MeV)

122

MAT 7322

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

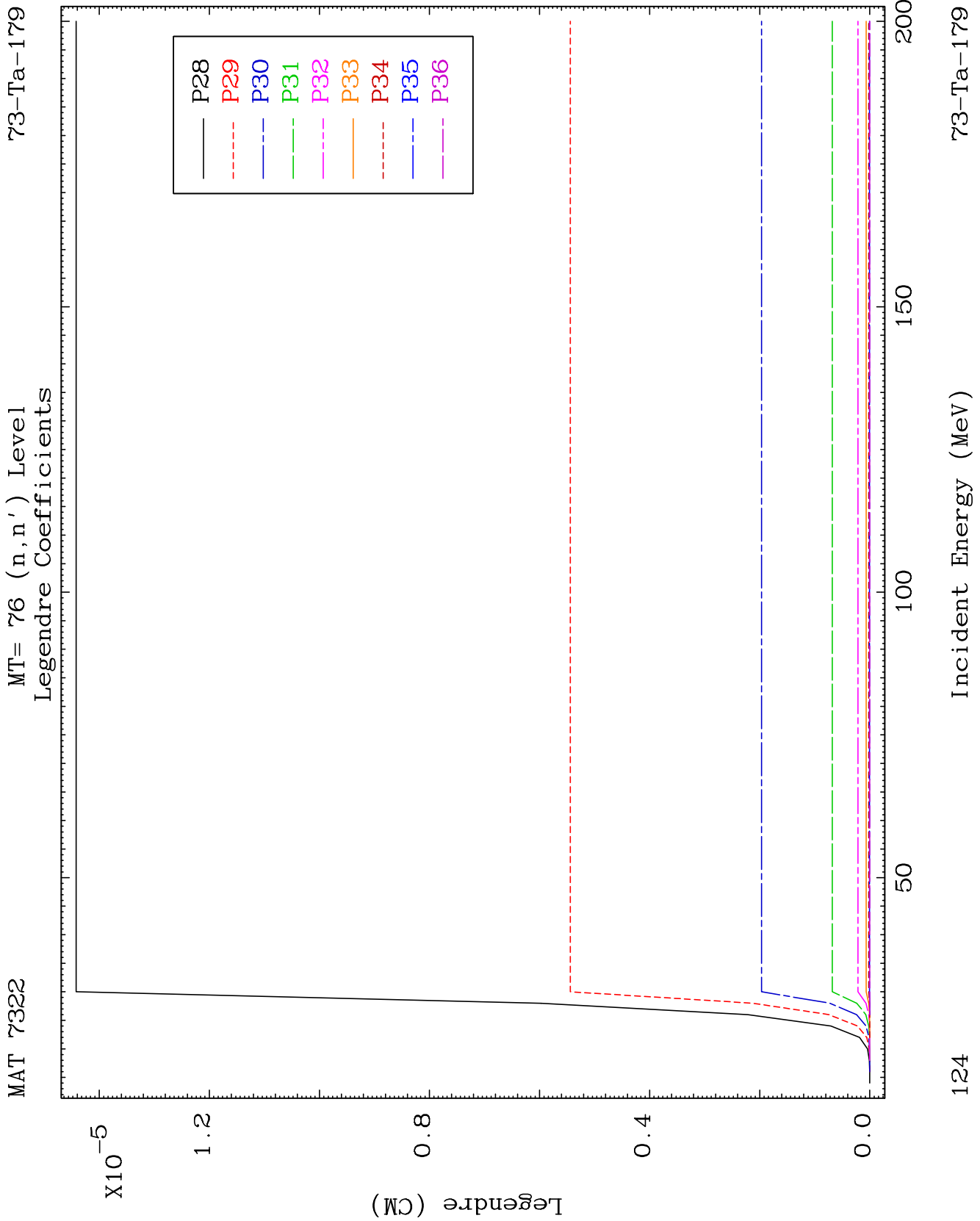
73-Ta-179



123

Incident Energy (MeV)

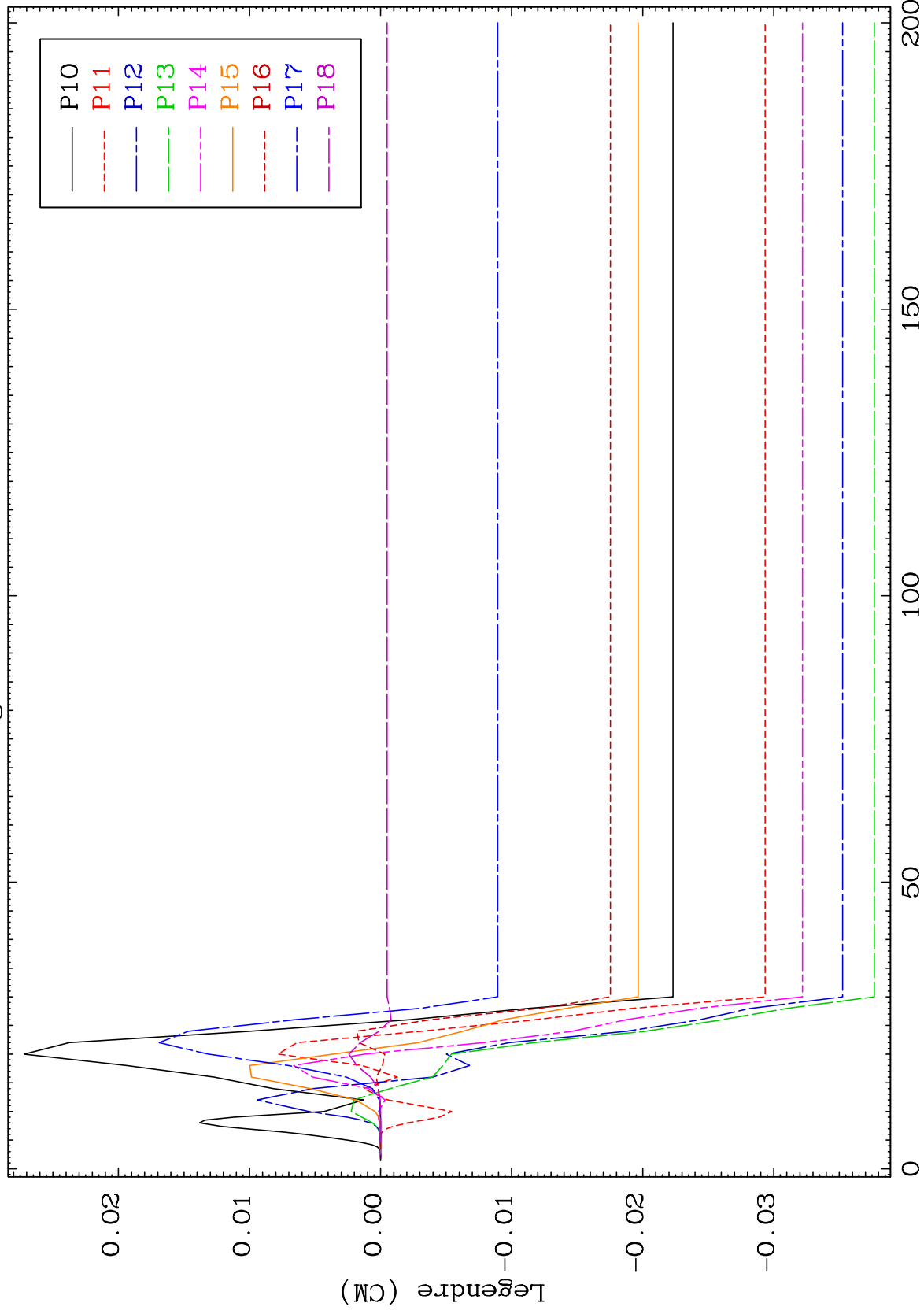
73-Ta-179



MAT 7322

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

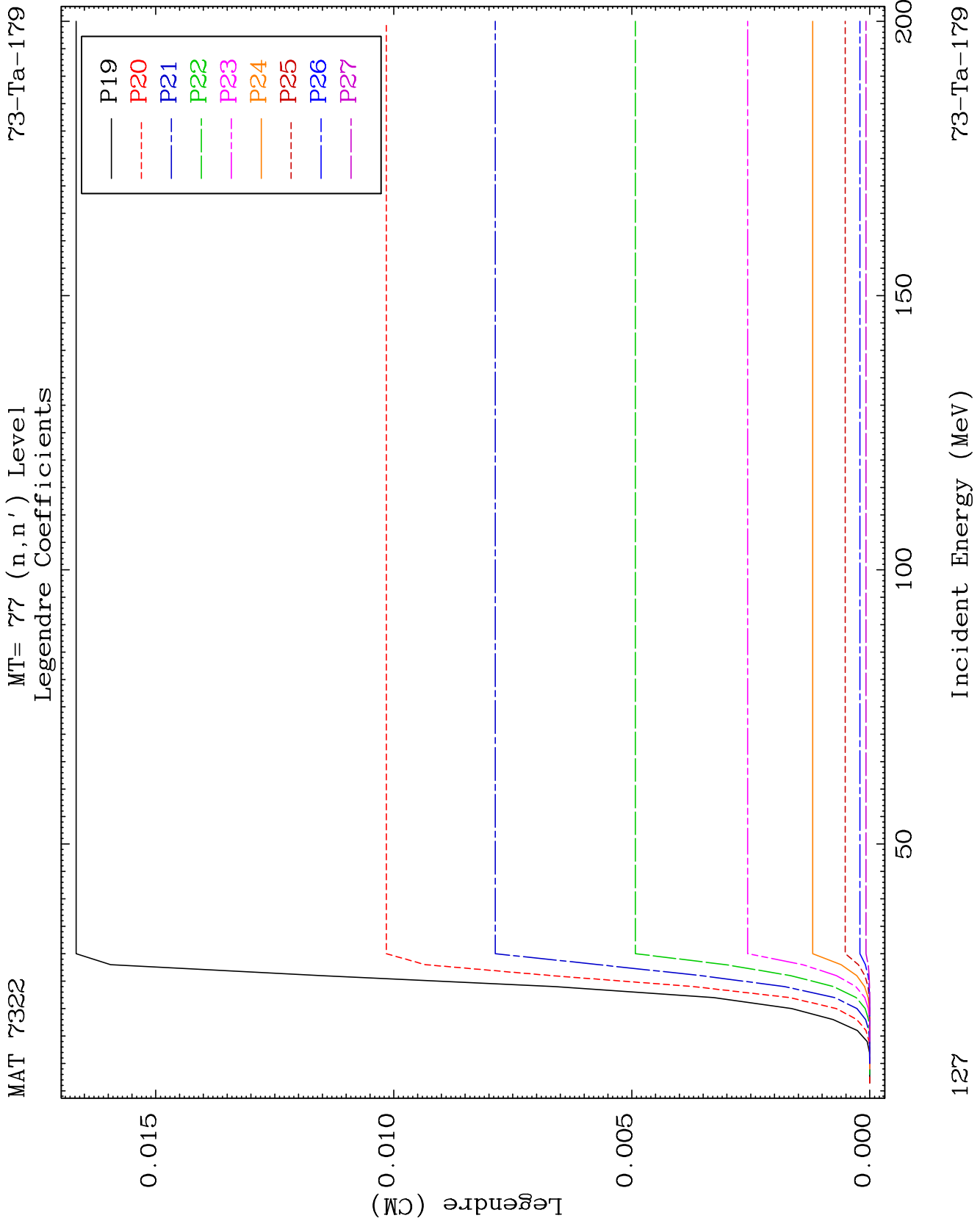
73-Ta-179



126

Incident Energy (MeV)

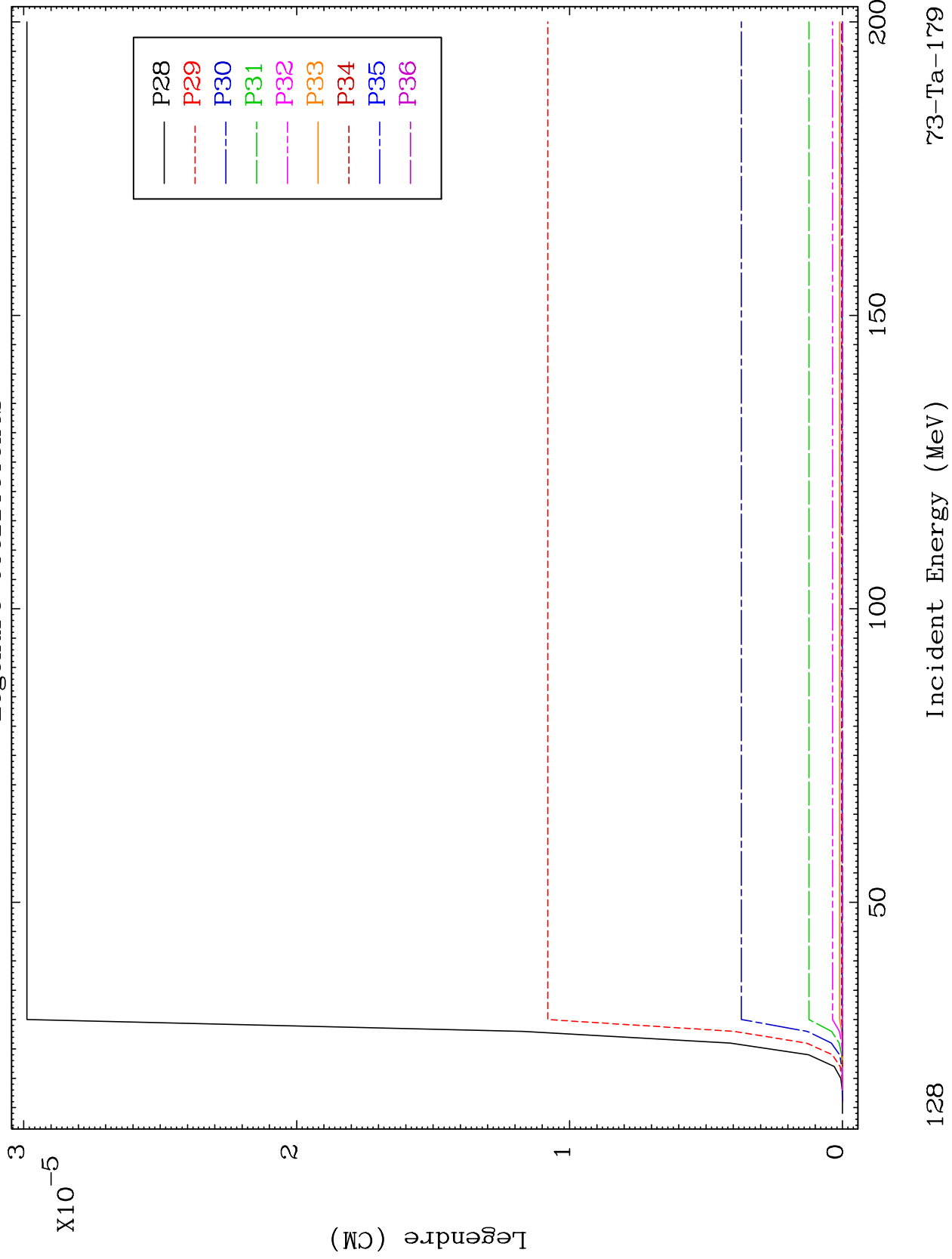
73-Ta-179



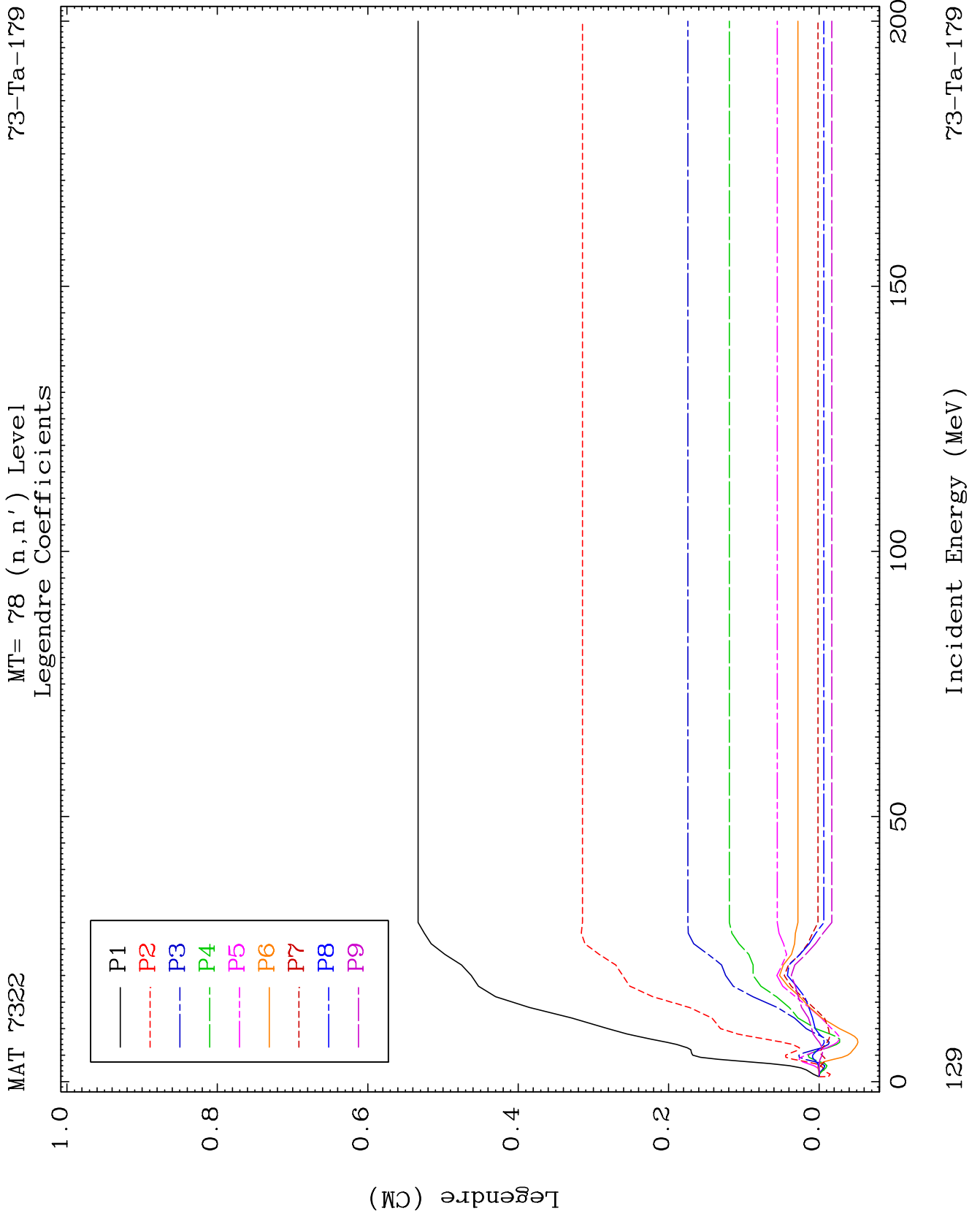
MAT 7322

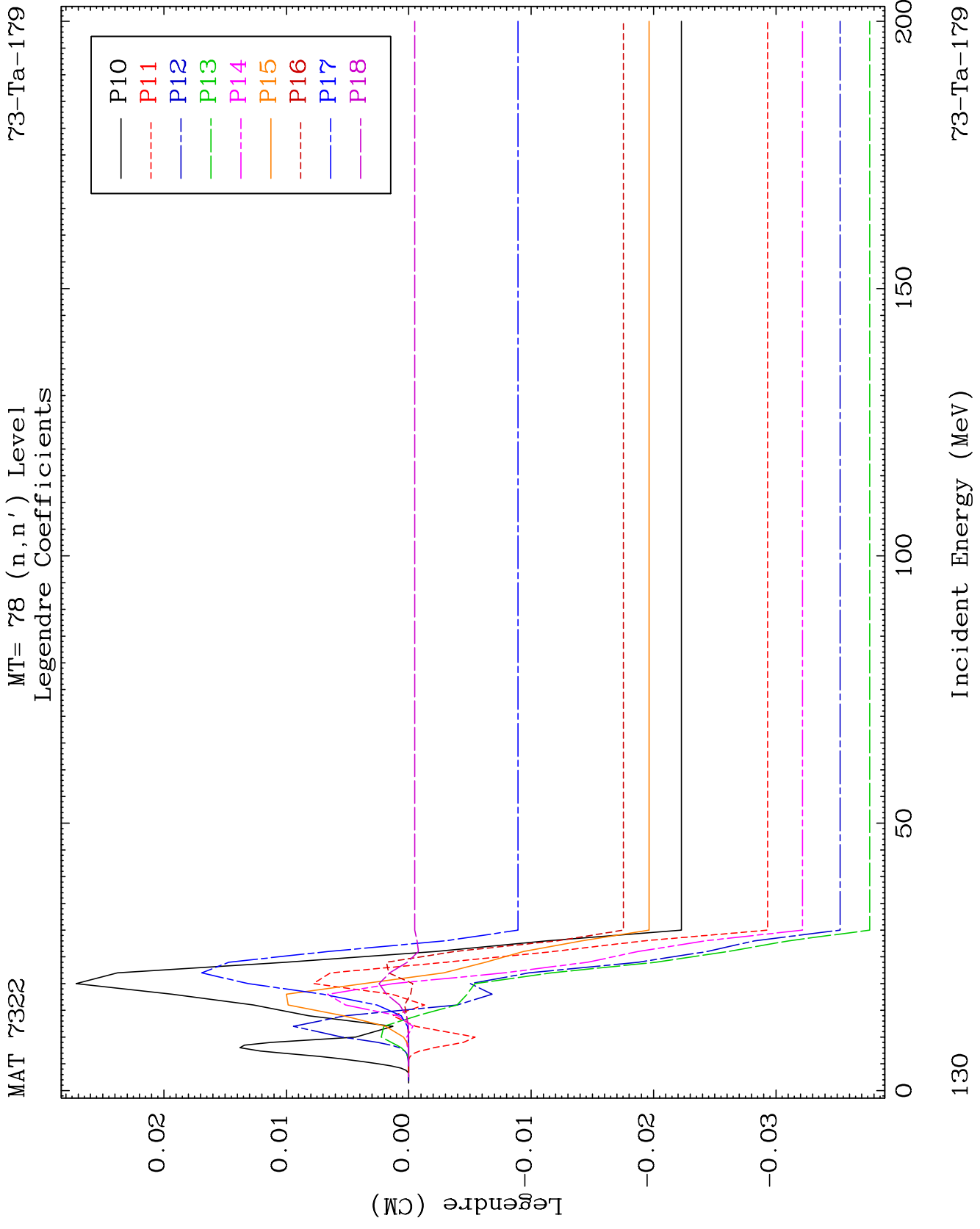
MT= 77 (n,n') Level
Legendre Coefficients

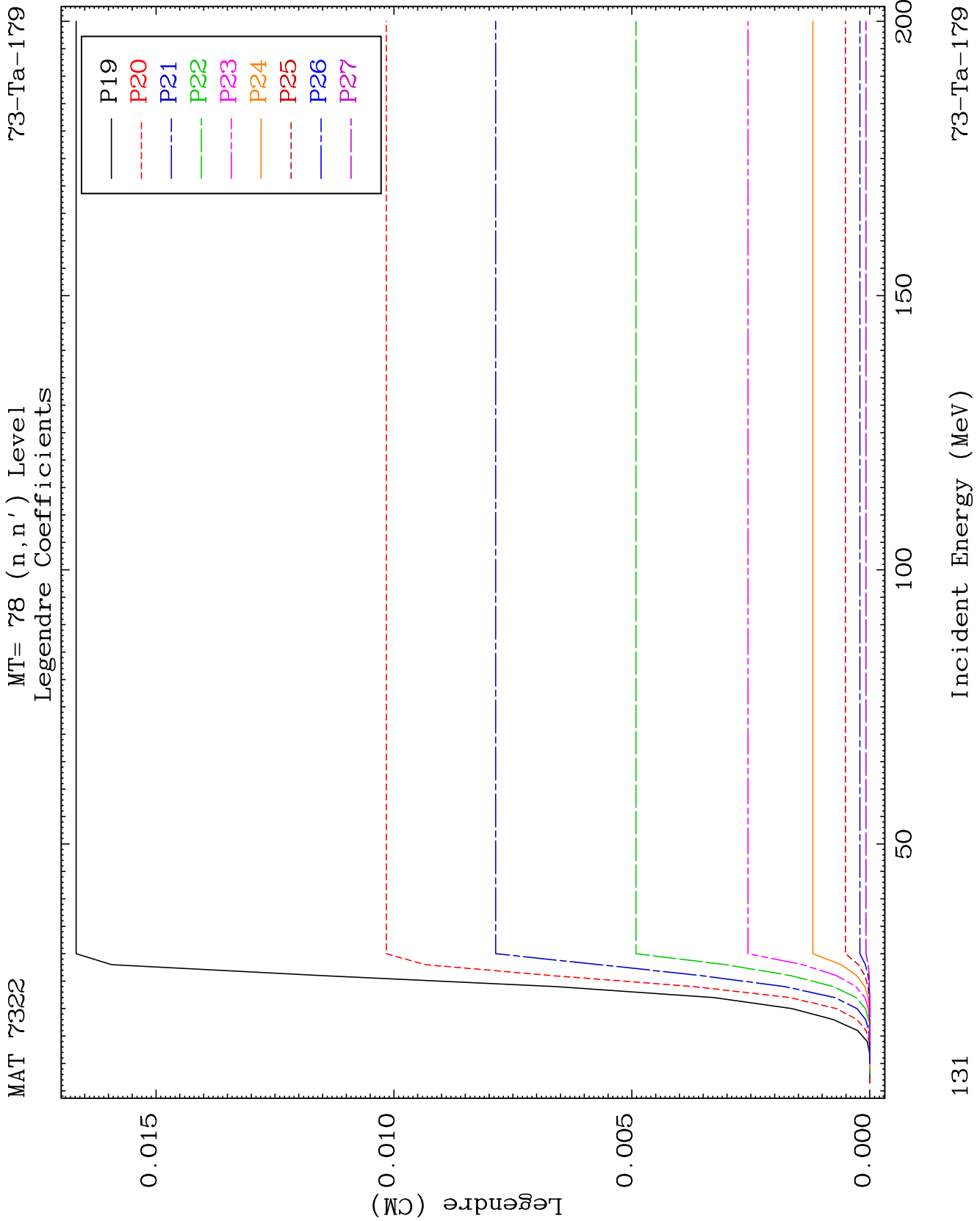
73-Ta-179



128



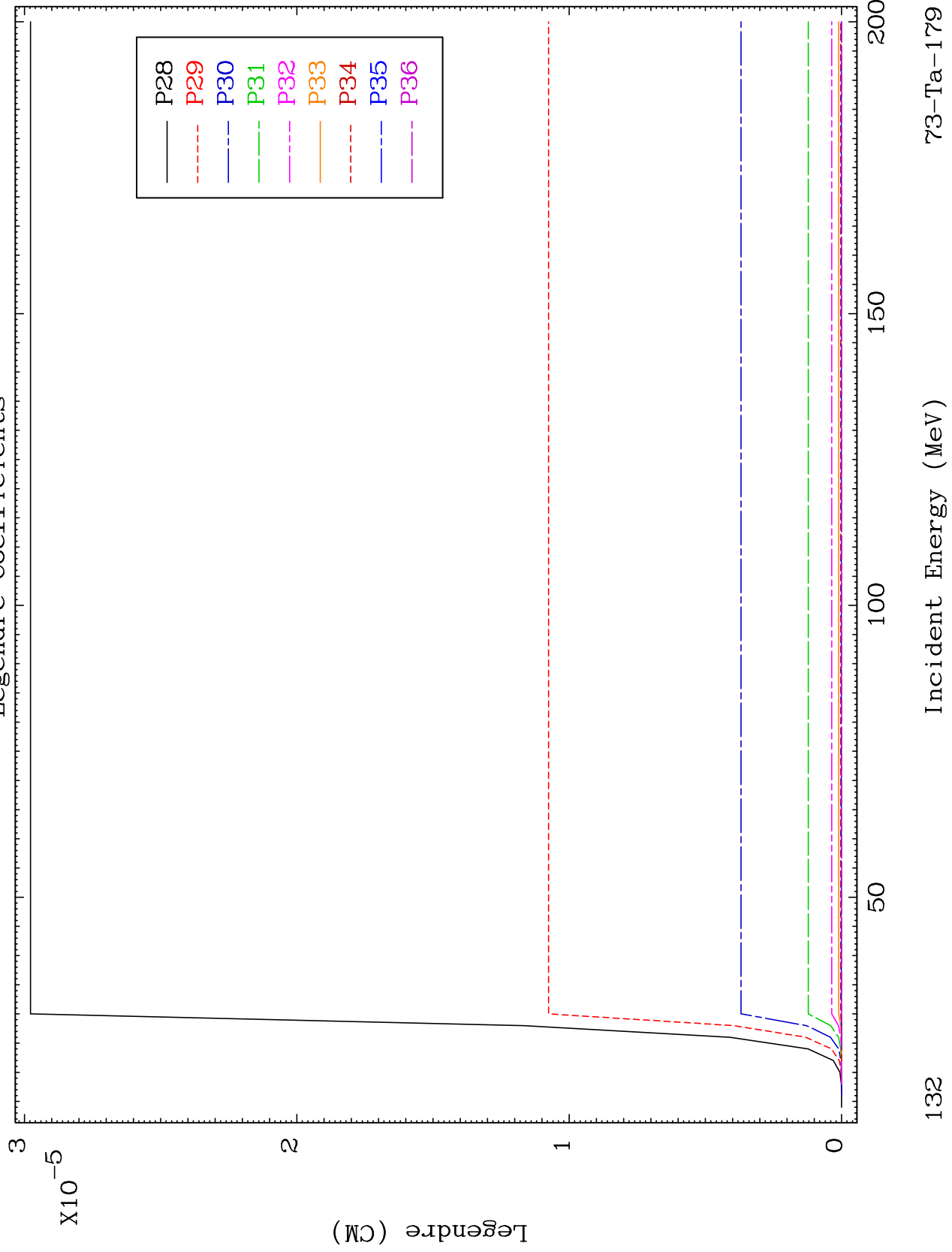




MAT 7322

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

73-Ta-179

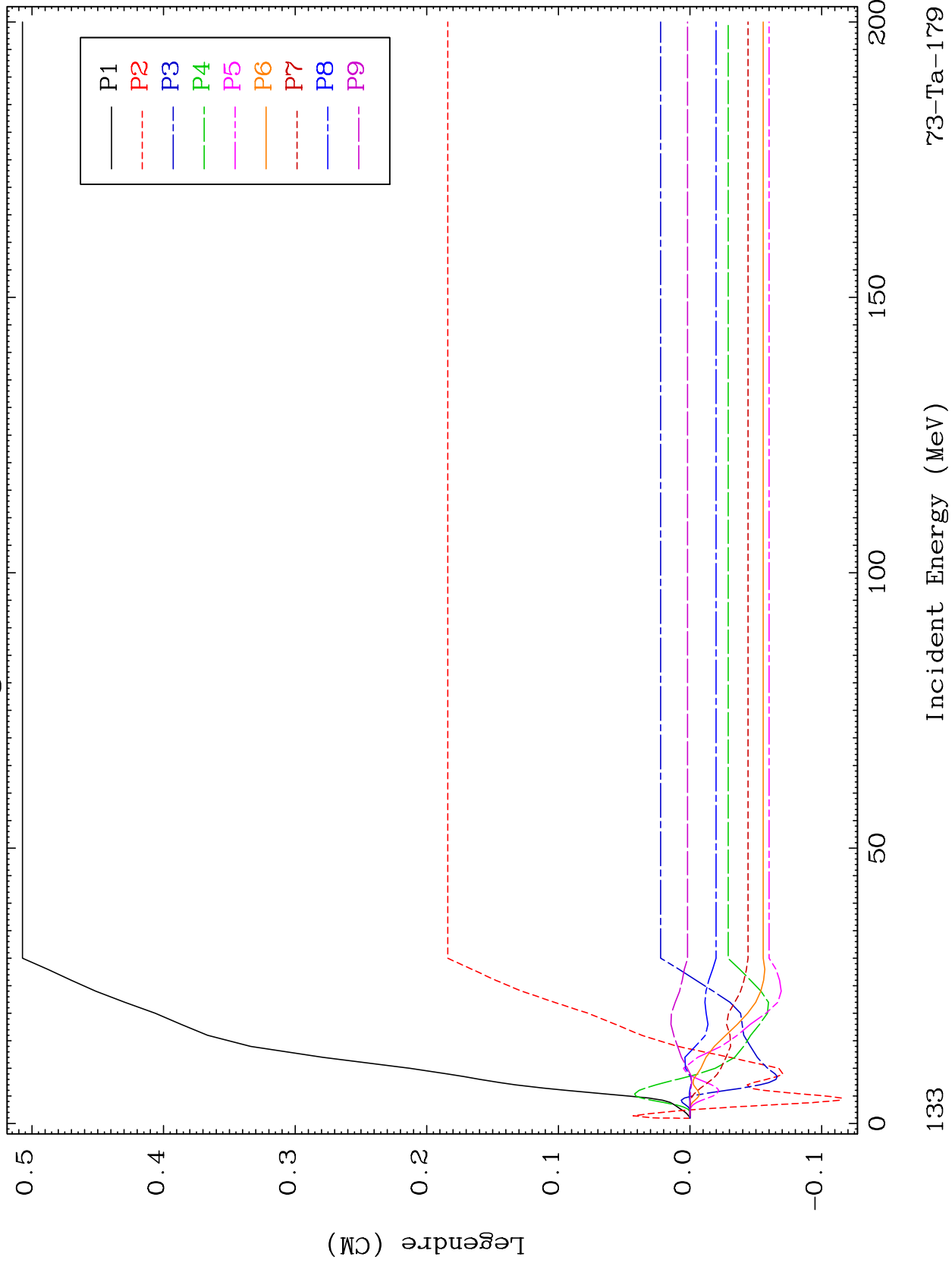


132

MAT 7322

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

73-Ta-179



133

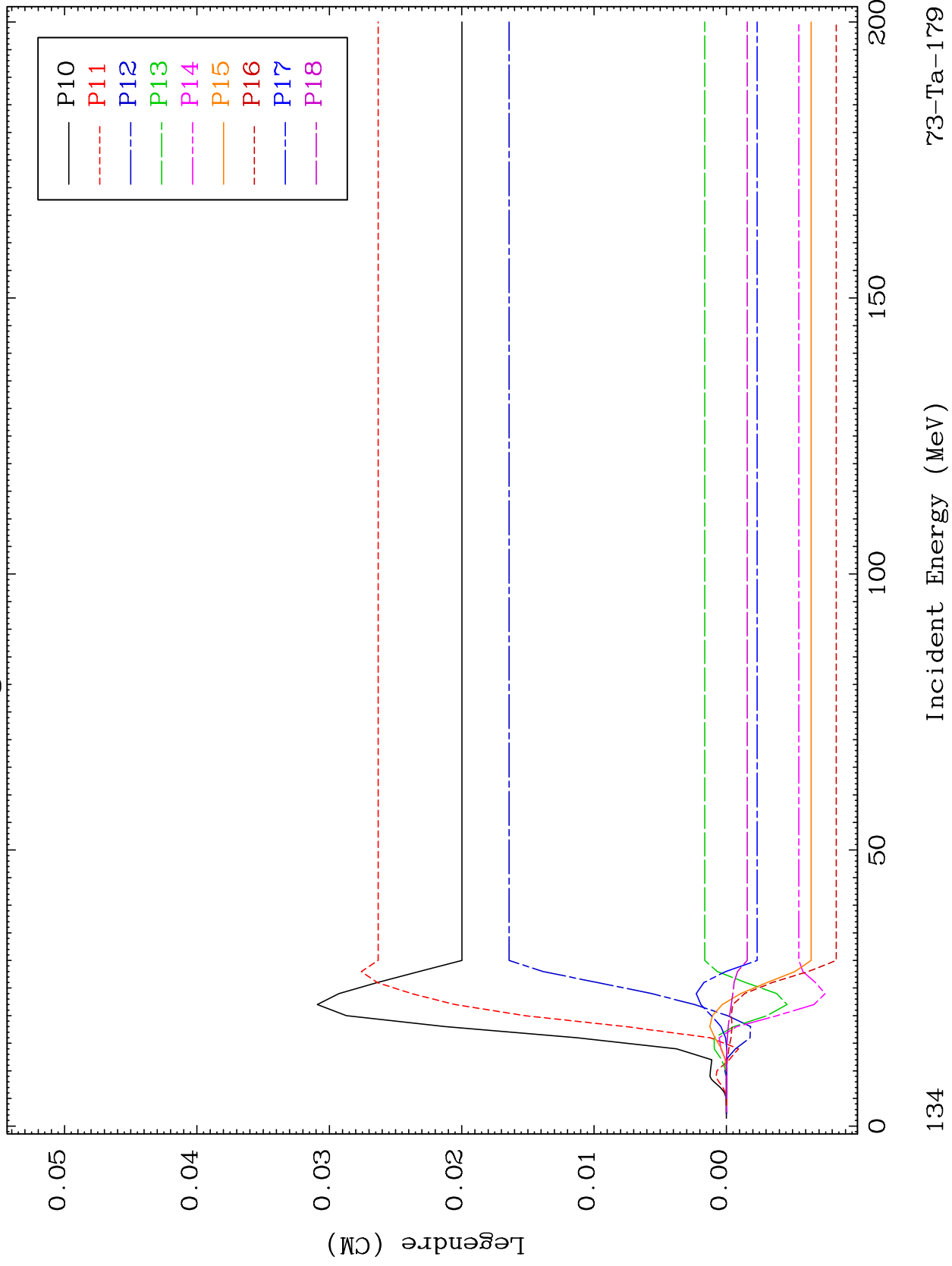
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



73-Ta-179

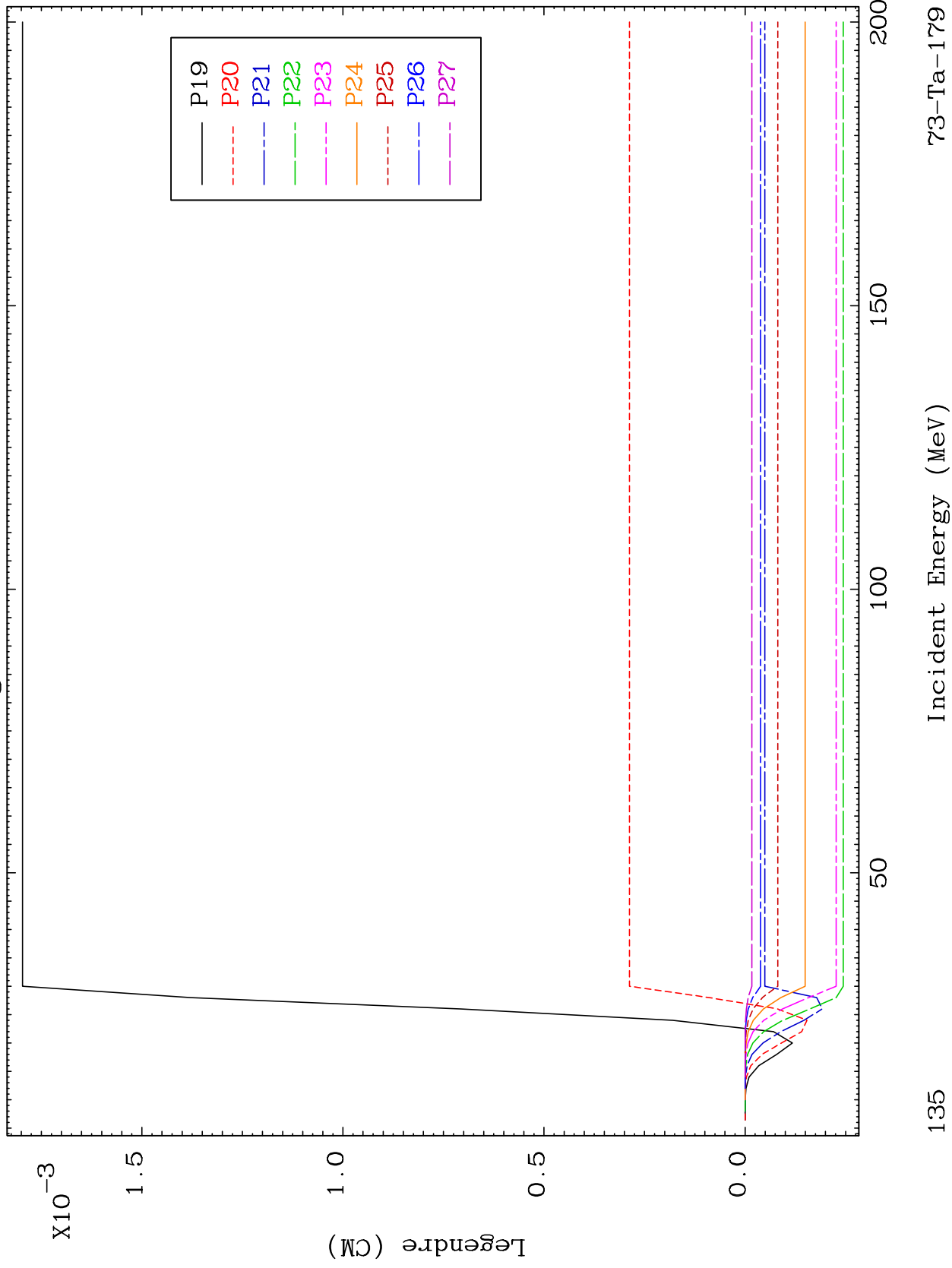
Incident Energy (MeV)

134

MAT 7322

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

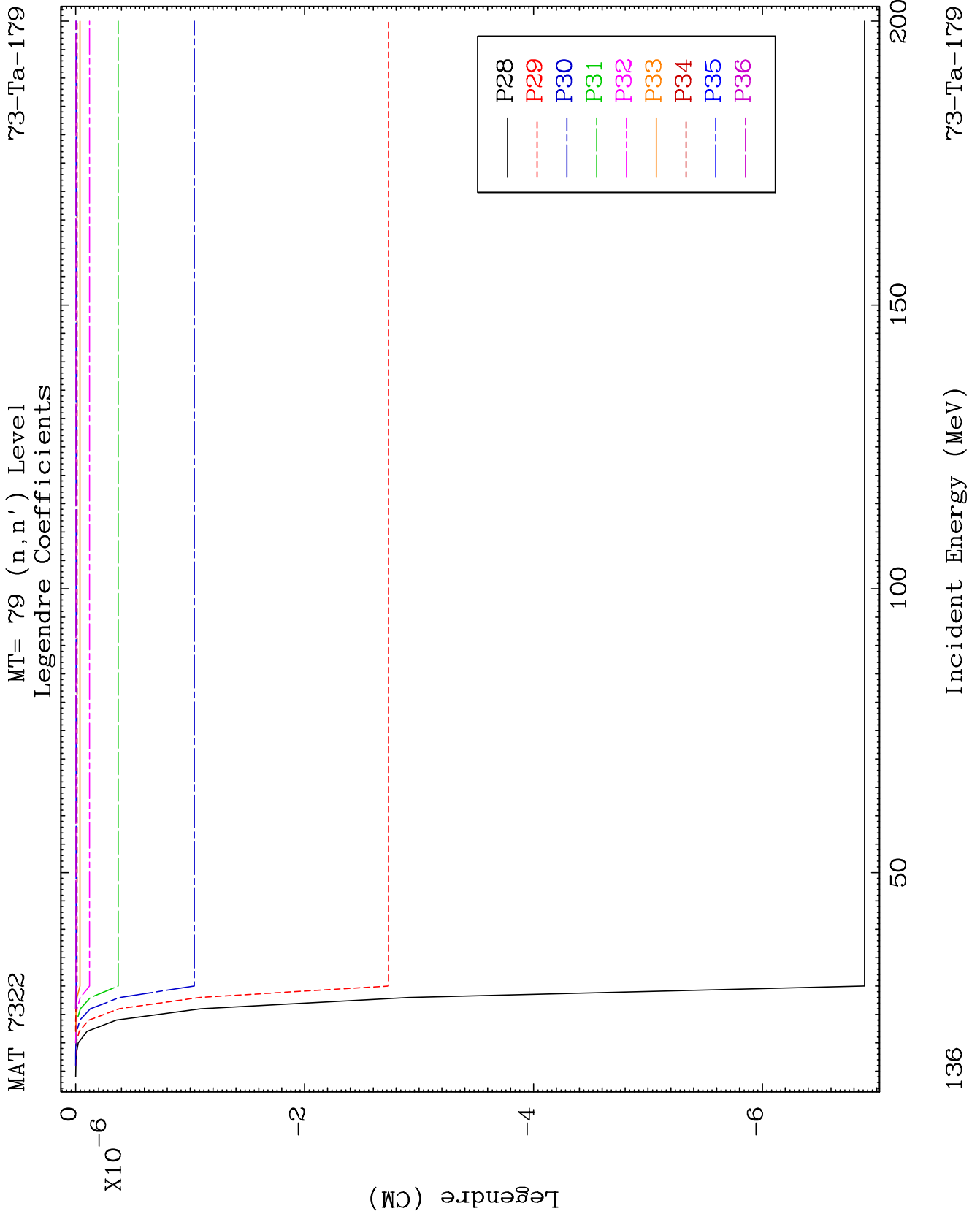
73-Ta-179



135

Incident Energy (MeV)

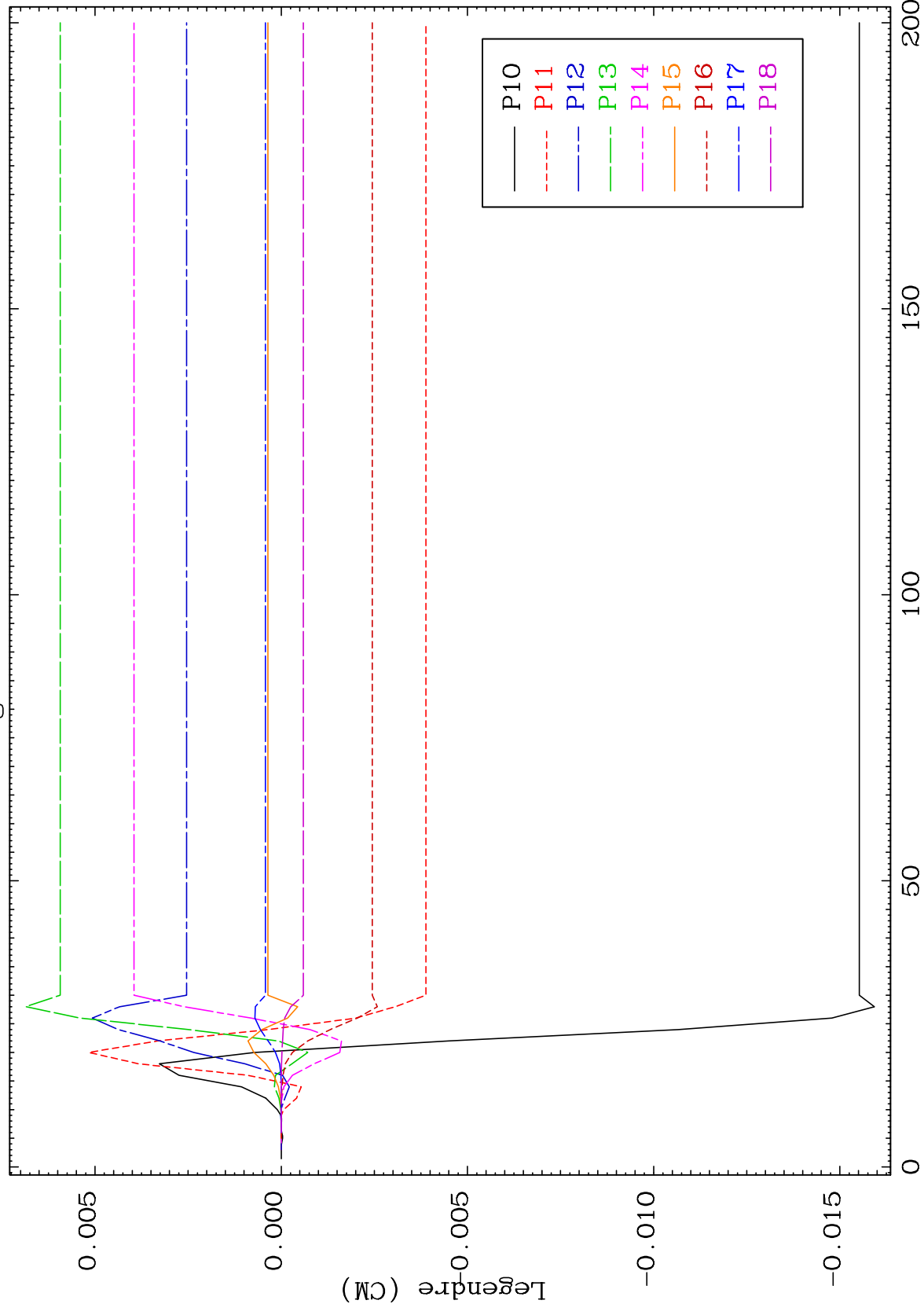
73-Ta-179



MAT 7322

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

73-Ta-179



138

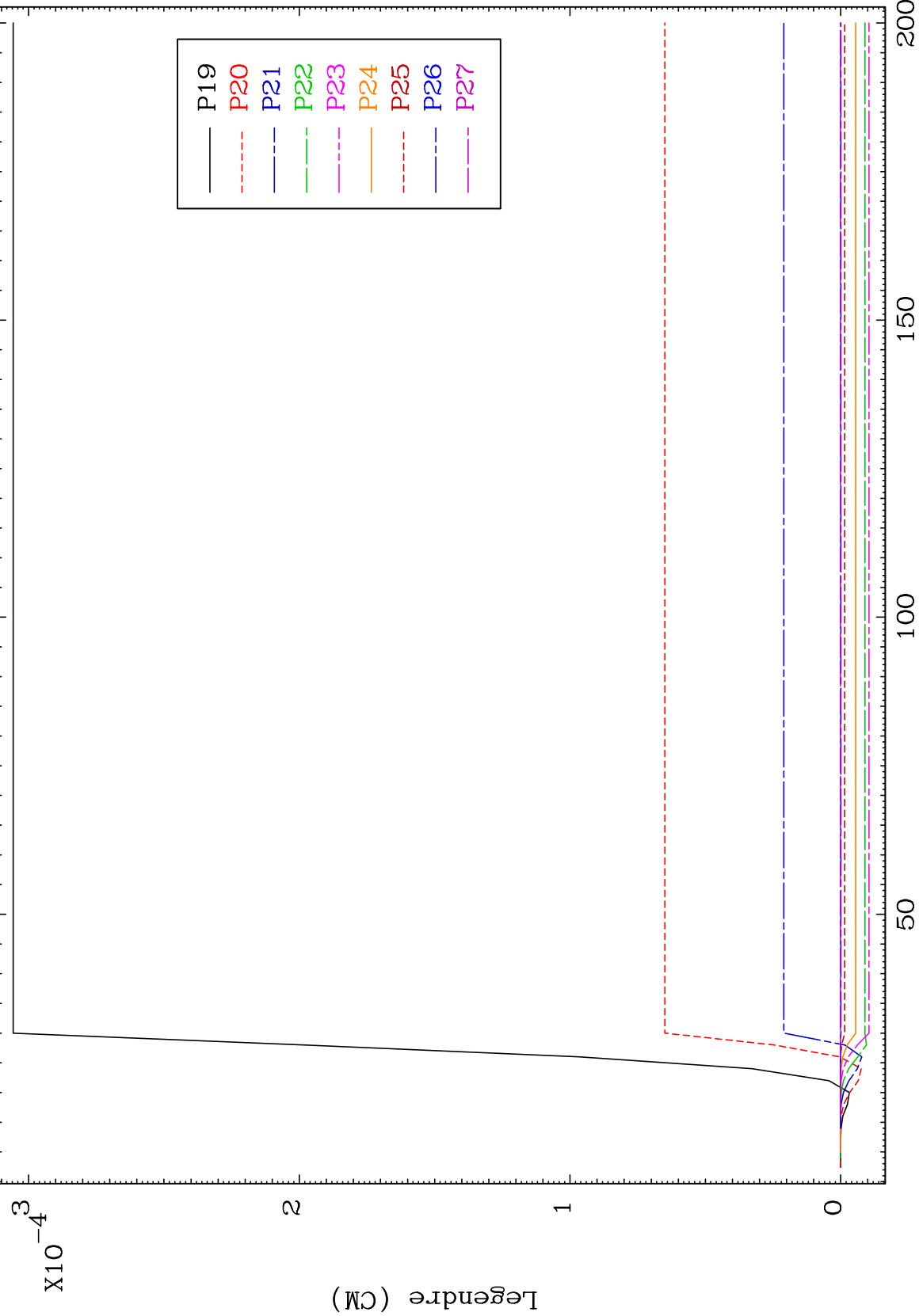
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



139

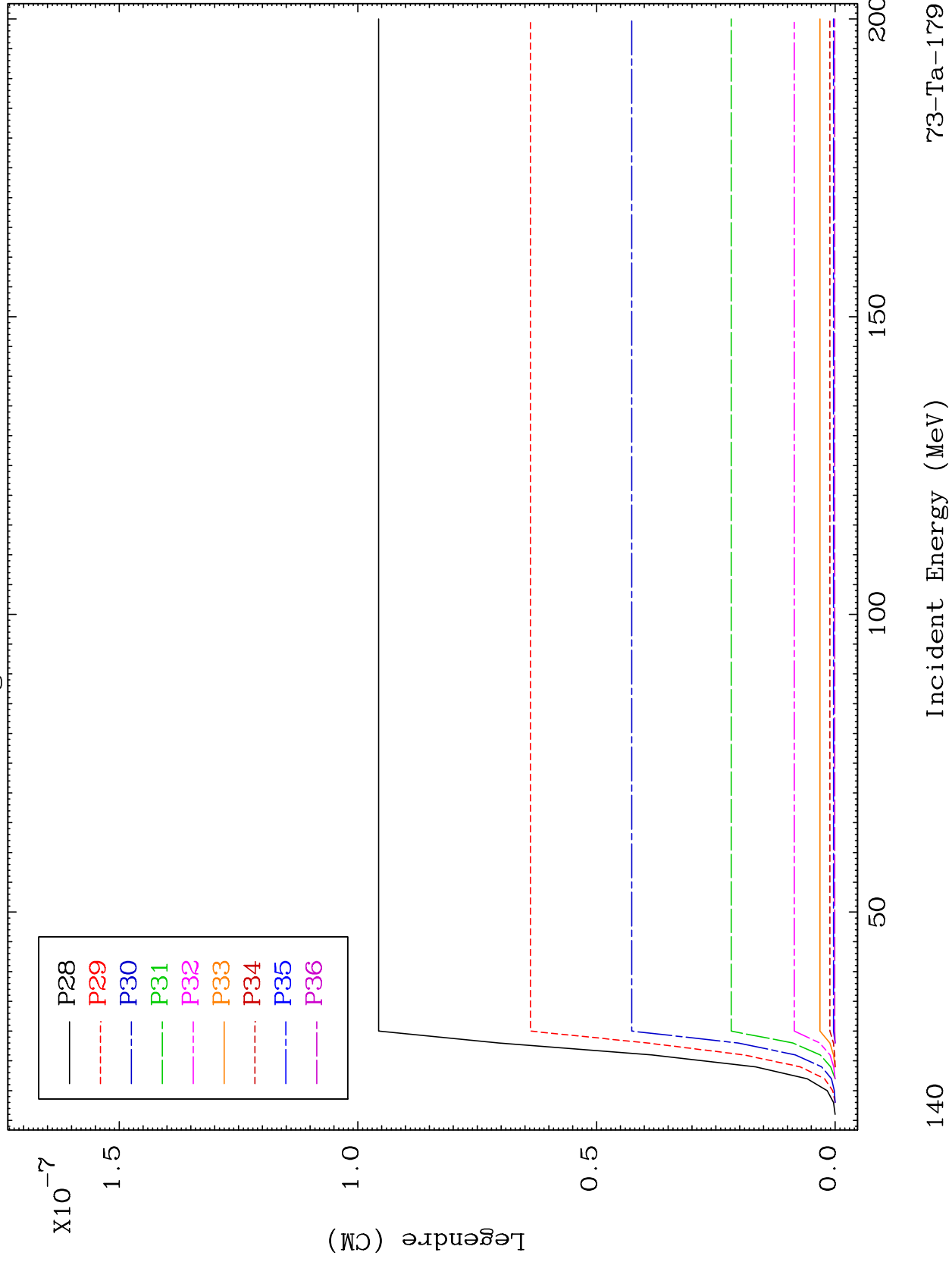
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179

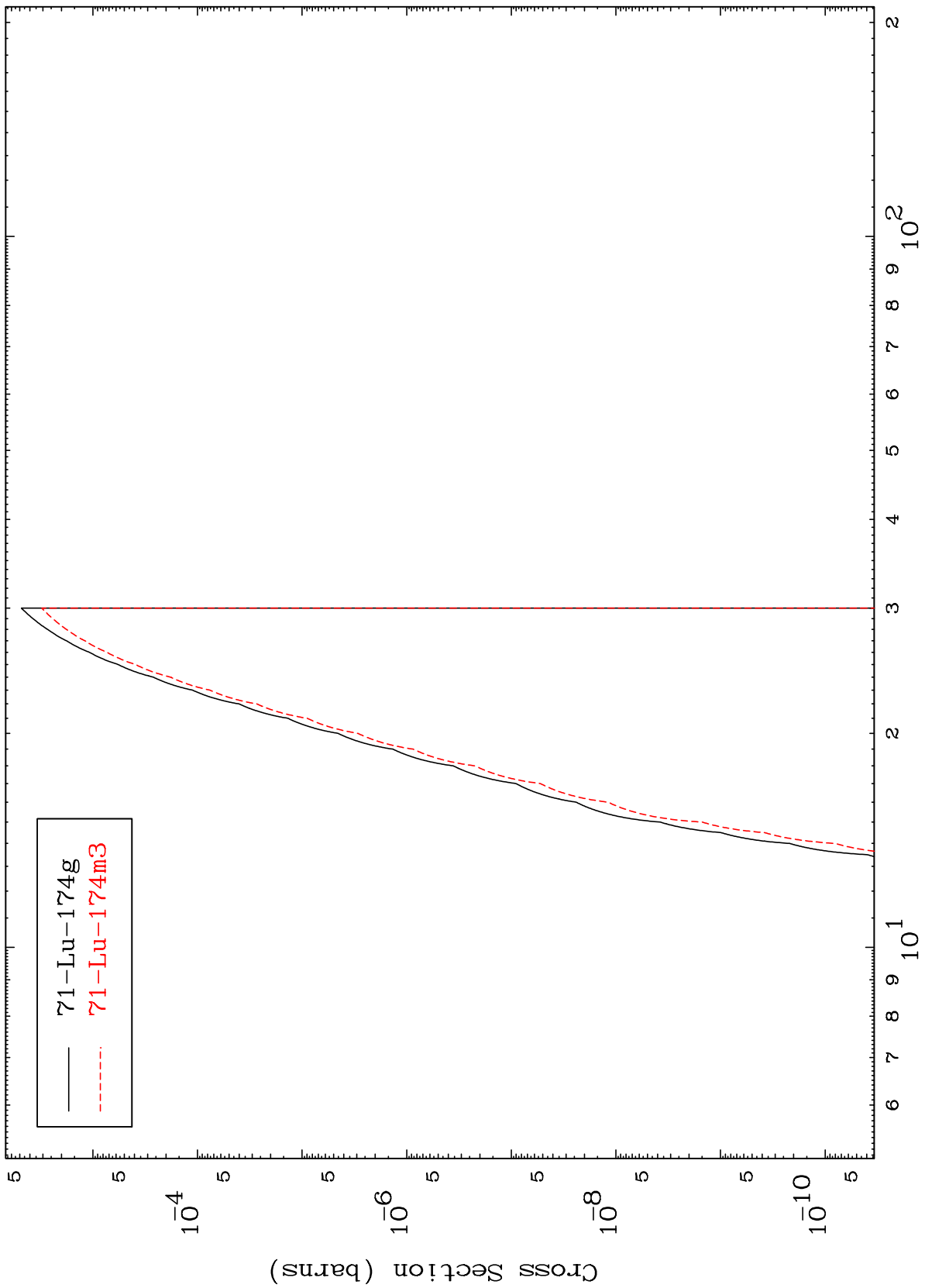


MAT 7322

$(n, 2n)$ α

$^{73}\text{Ta-179}$

Radionuclide Production Cross Section



141

Incident Energy (MeV)

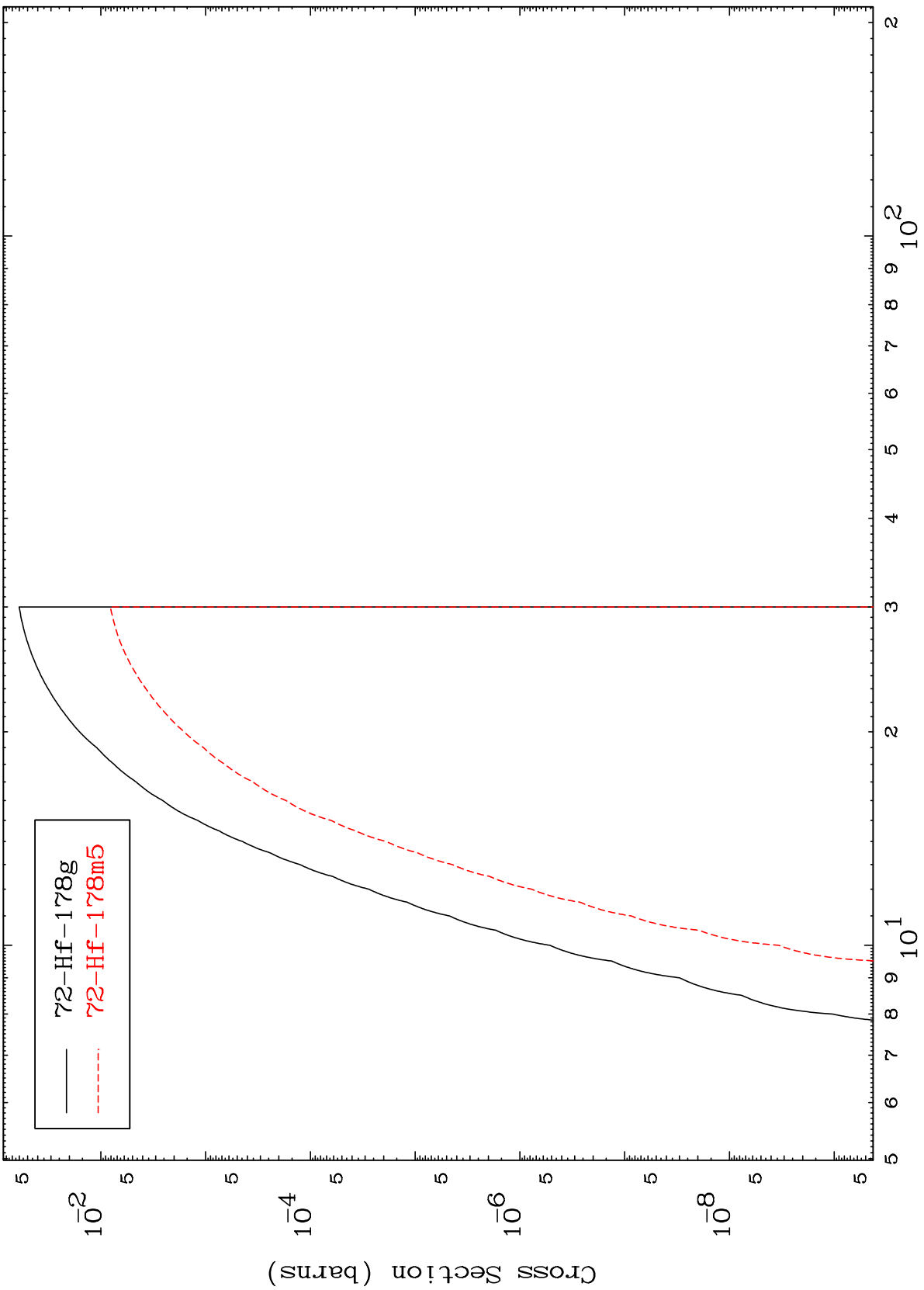
$^{73}\text{Ta-179}$

MAT 7322

(n,n') p

73-Ta-179

Radionuclide Production Cross Section



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

142

Incident Energy (MeV)

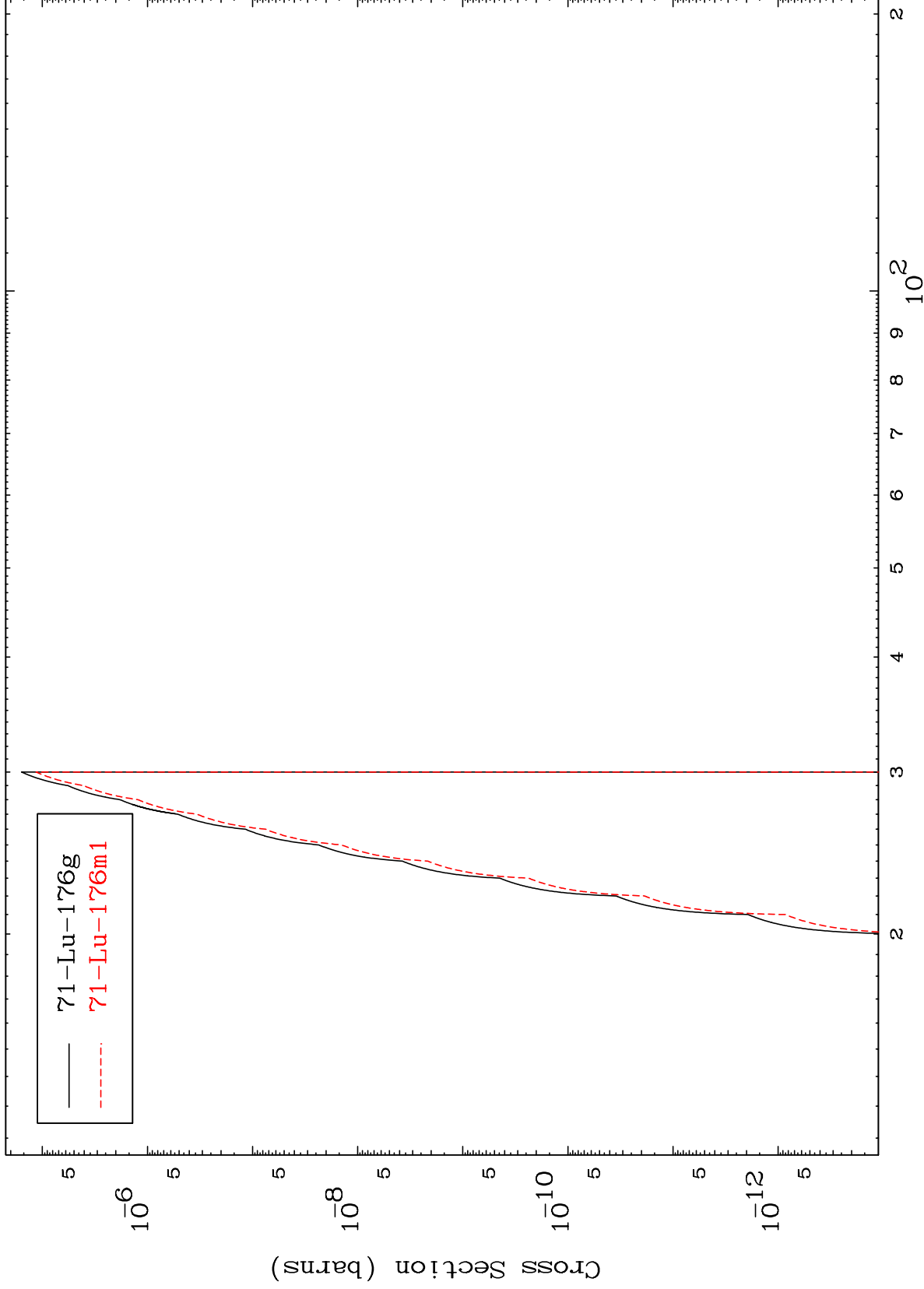
73-Ta-179

MAT 7322

(n,n') He-3

73-Ta-179

Radionuclide Production Cross Section



143

Incident Energy (MeV)

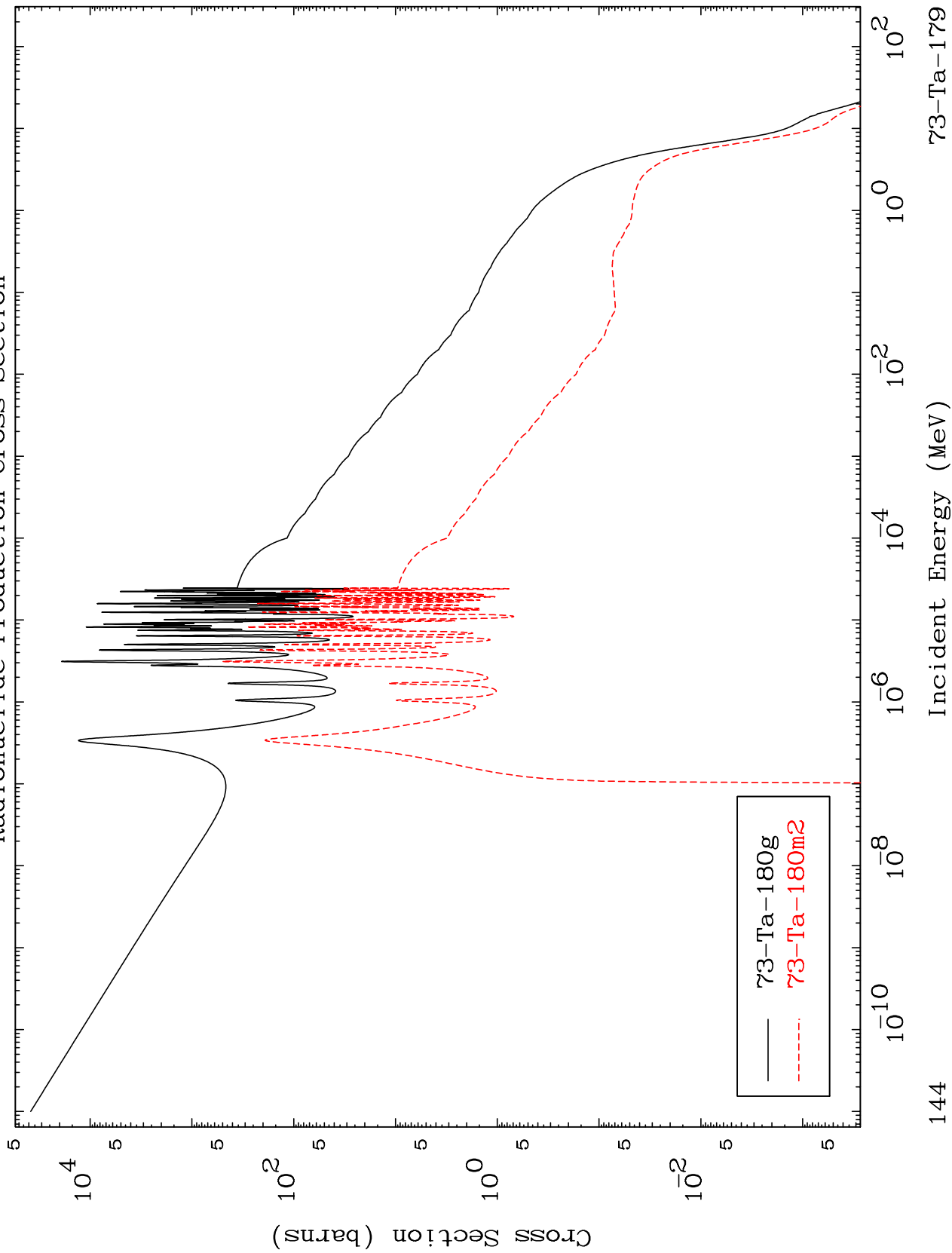
73-Ta-179

MAT 7322

⁷³Ta-179

Radionuclide Production Cross Section

(n,γ)

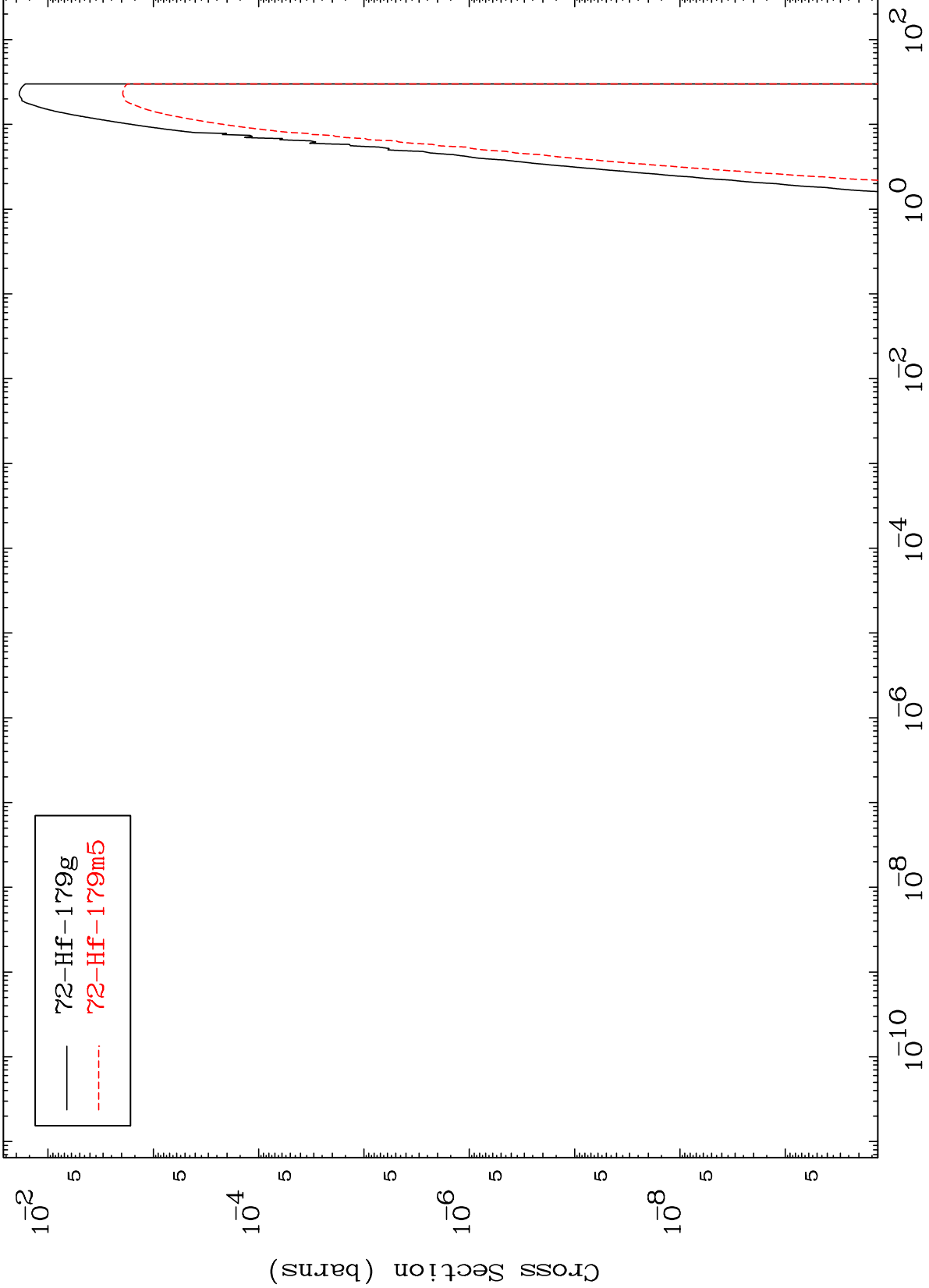


MAT 7322

(n,p)

⁷³Ta-179

Radionuclide Production Cross Section



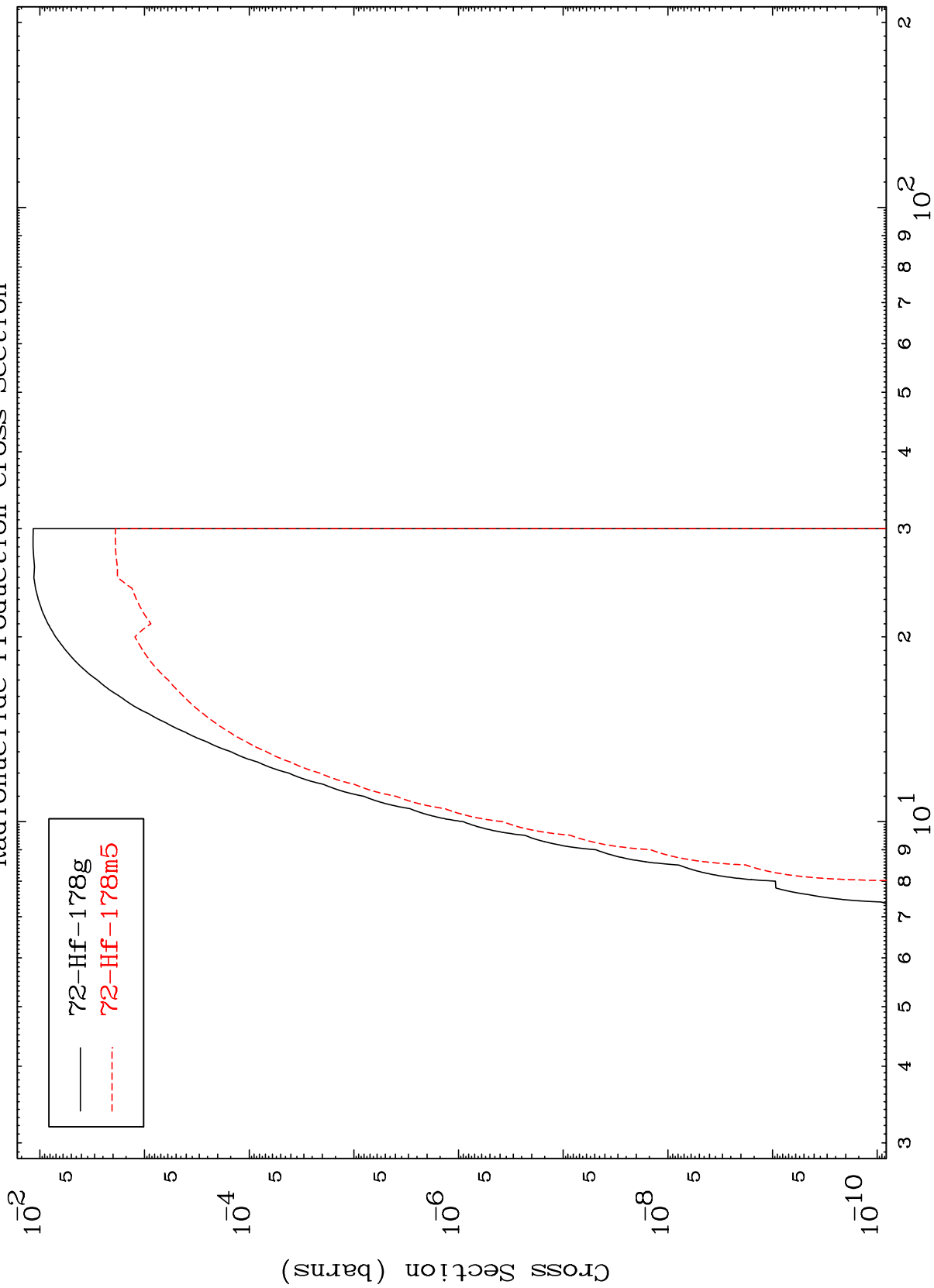
— 72-Hf-179g
- - - 72-Hf-179m5

MAT 7322

(n,d)

⁷³Ta-179

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷³Ta-179

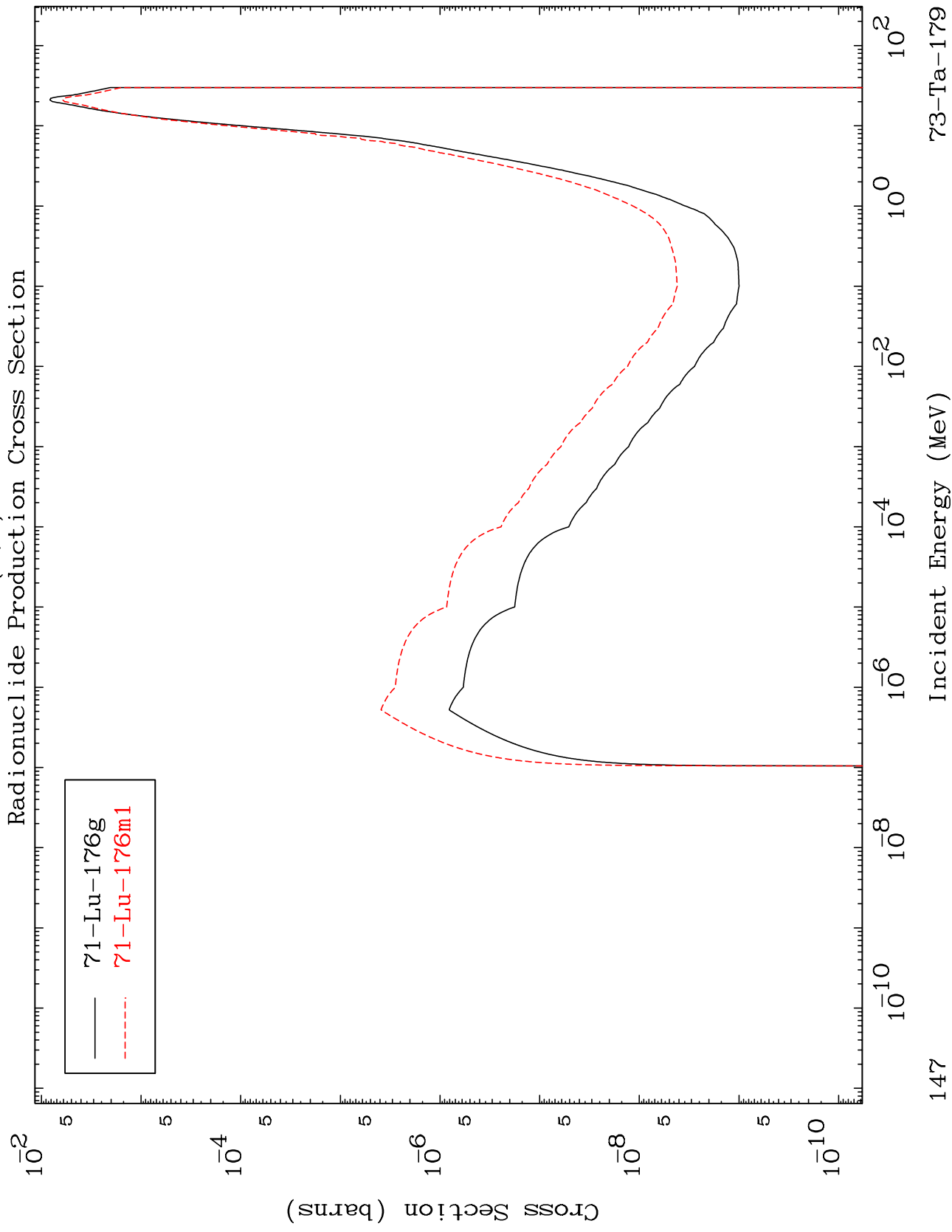
146

MAT 7322

(n, α)

⁷³Ta-¹⁷⁹

Radionuclide Production Cross Section

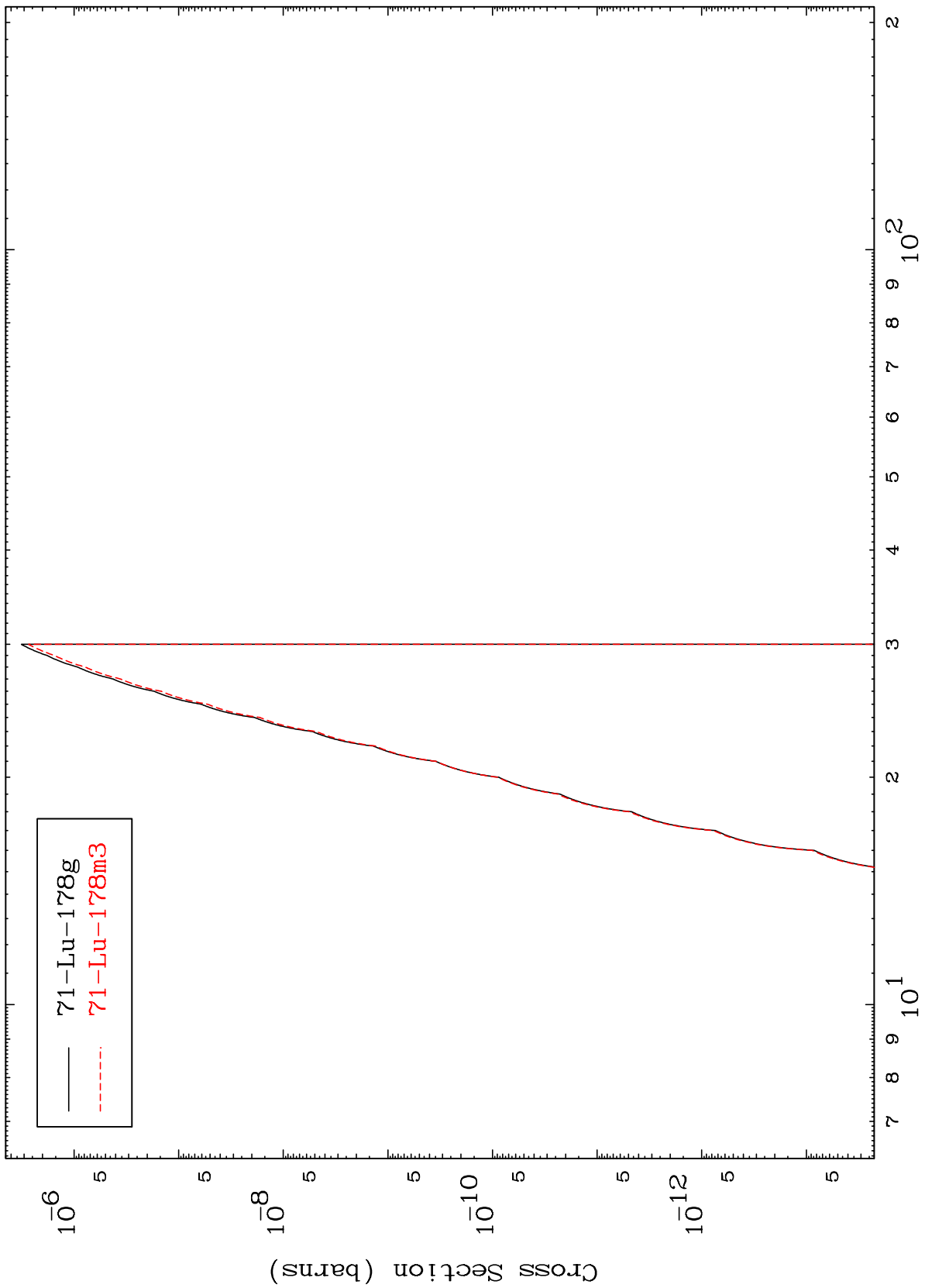


147

MAT 7322

73-Ta-179

(n,2p)
Radionuclide Production Cross Section



148

Incident Energy (MeV)

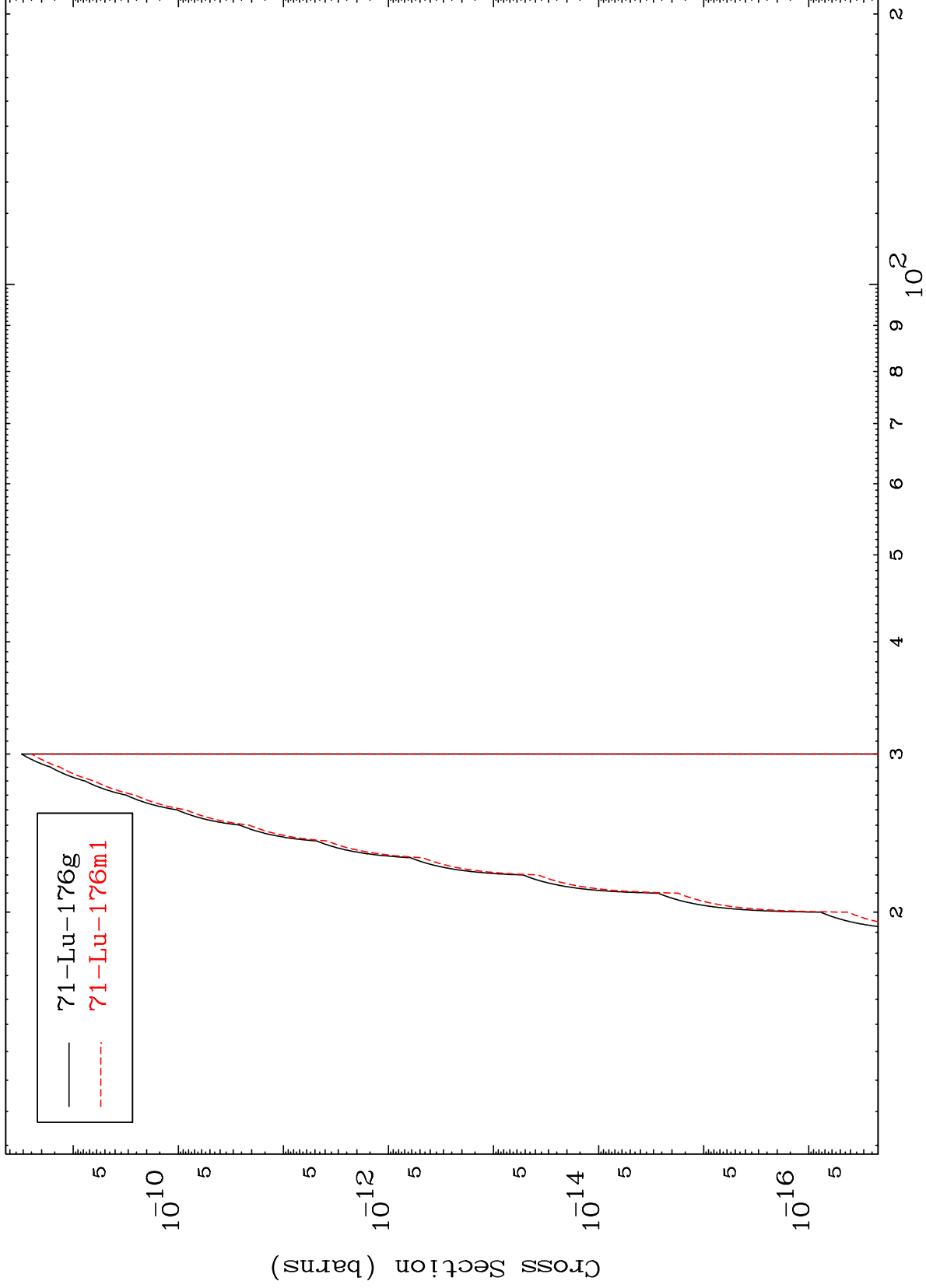
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Radionuclide Production Cross Section



149

Incident Energy (MeV)

73-Ta-179