

Program EVALPLOT
(Version 2017-1)

by

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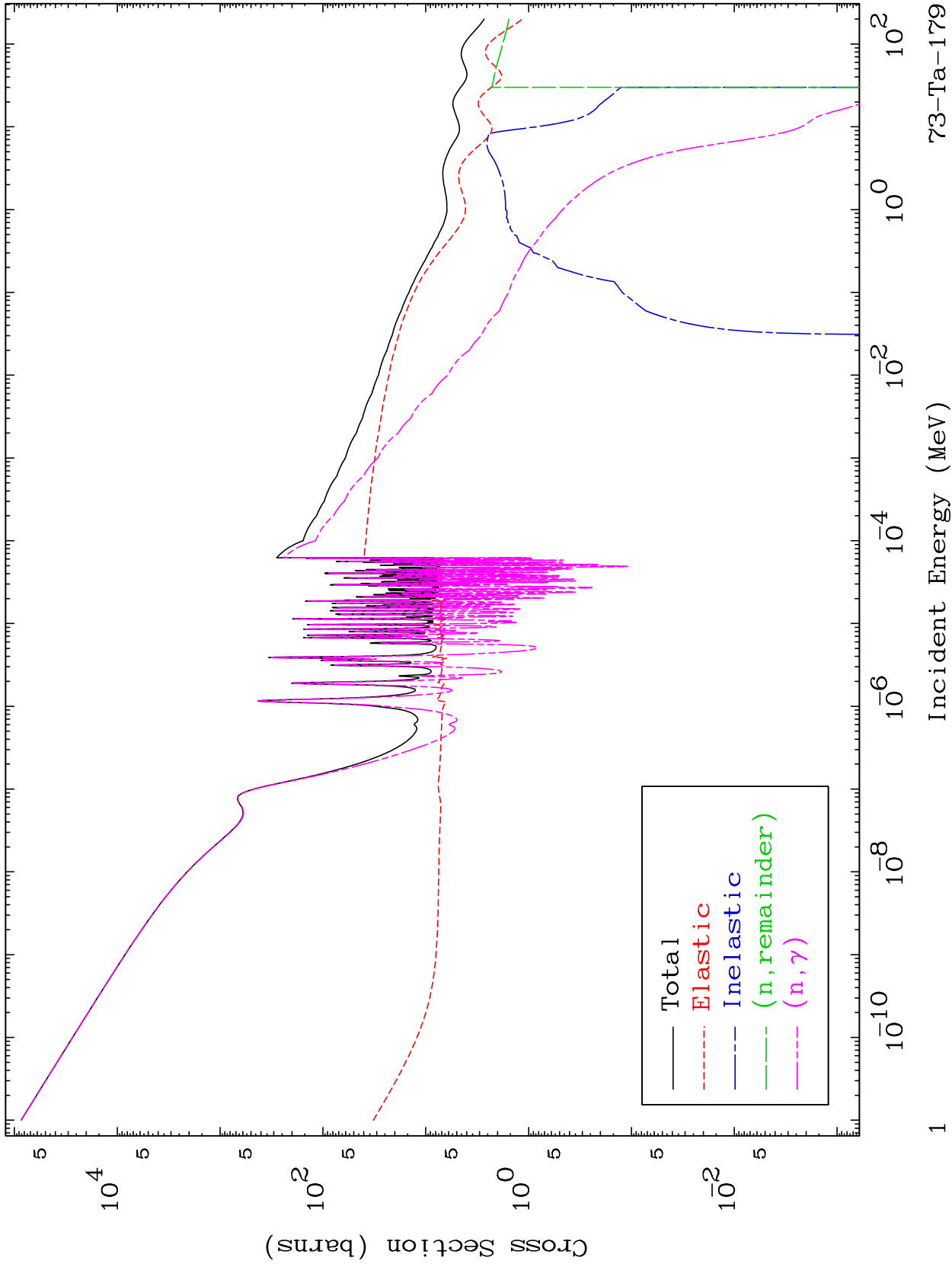
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Press Mouse Button to Start

MAT 7322

Major
293 Kelvin Cross Sections

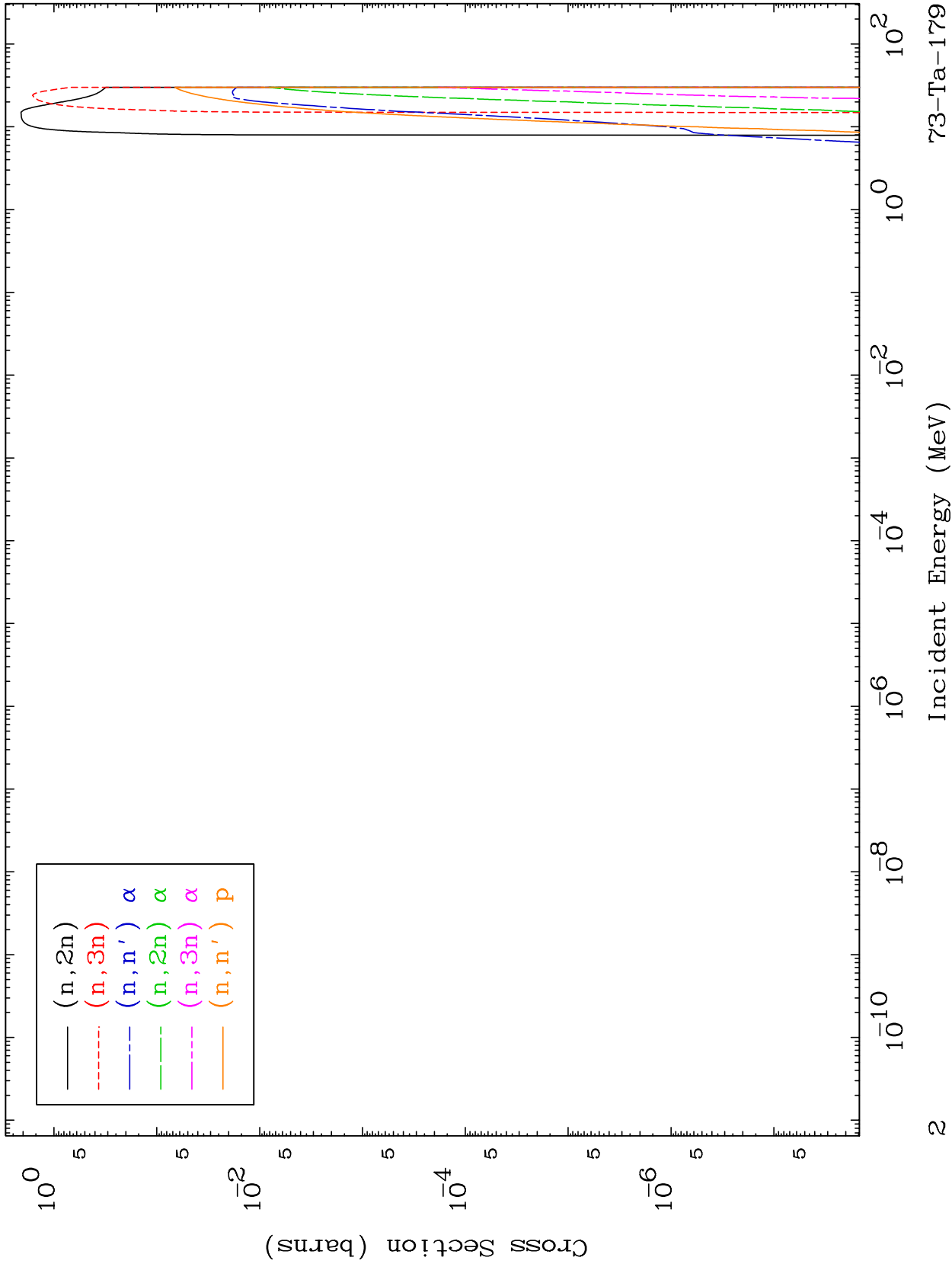
73-Ta-179

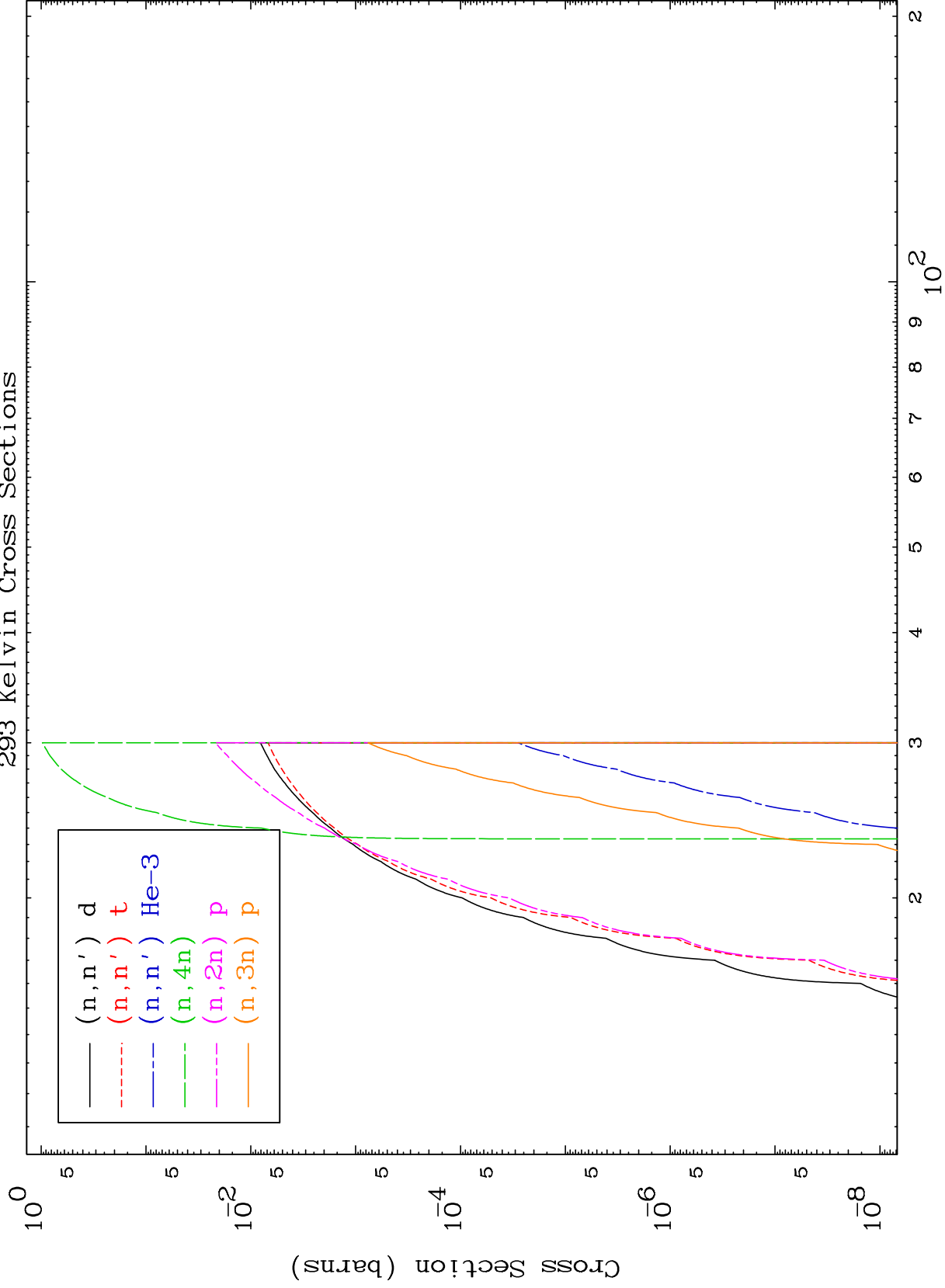


MAT 7322

Neutron Production
293 Kelvin Cross Sections

73-Ta-179

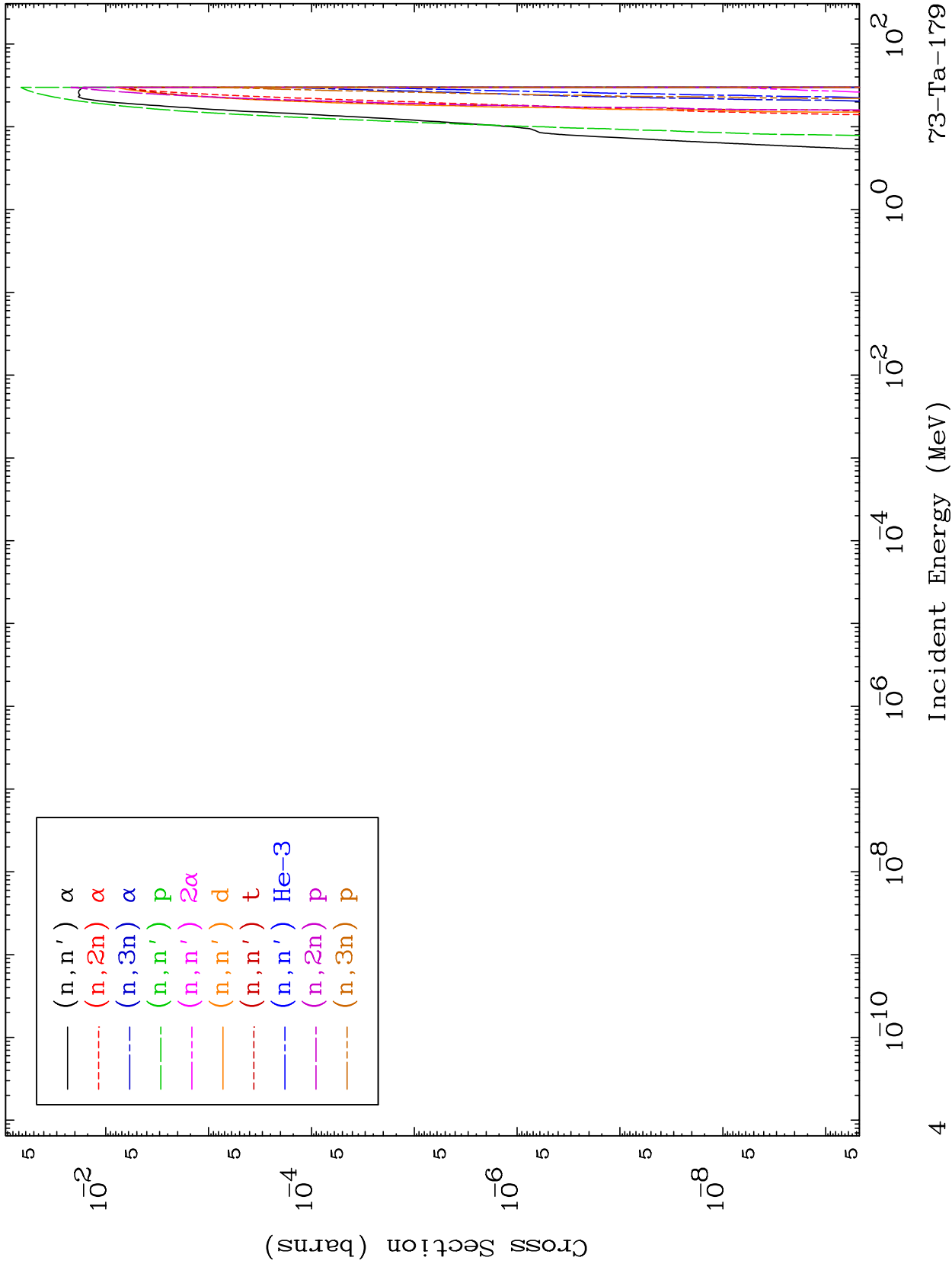




MAT 7322

Charged Particle
293 Kelvin Cross Sections

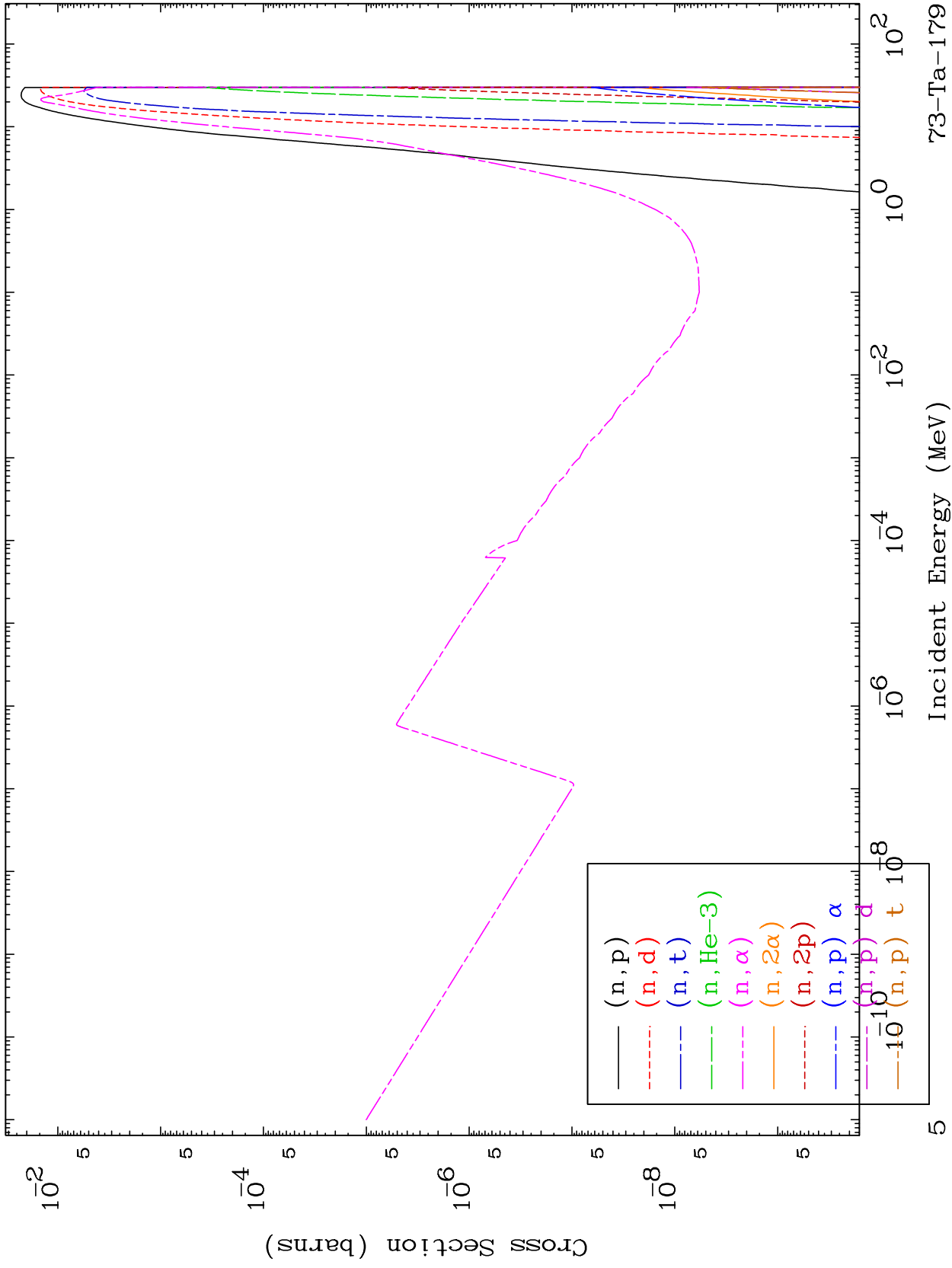
73-Ta-179



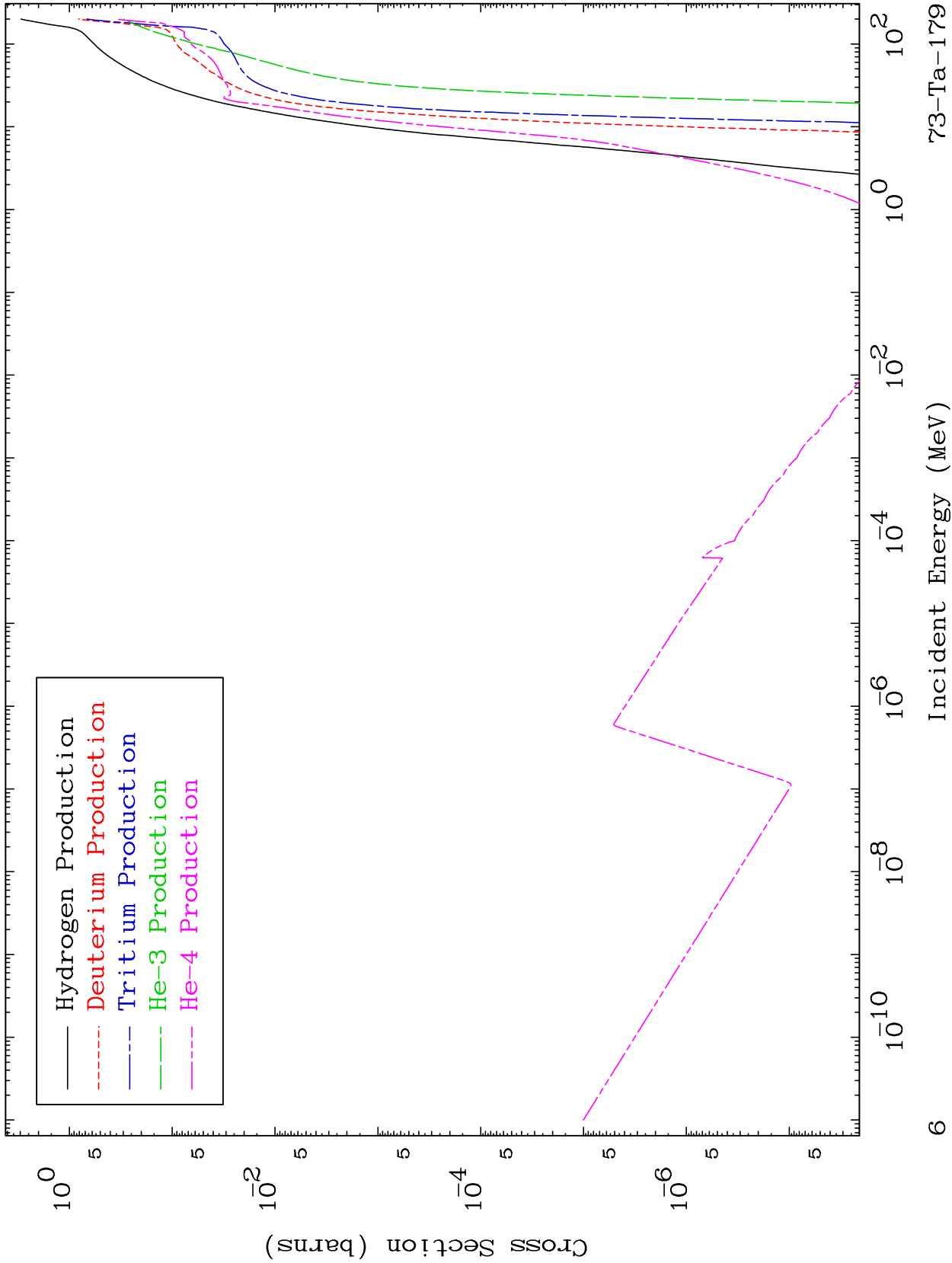
MAT 7322

Charged Particle
293 Kelvin Cross Sections

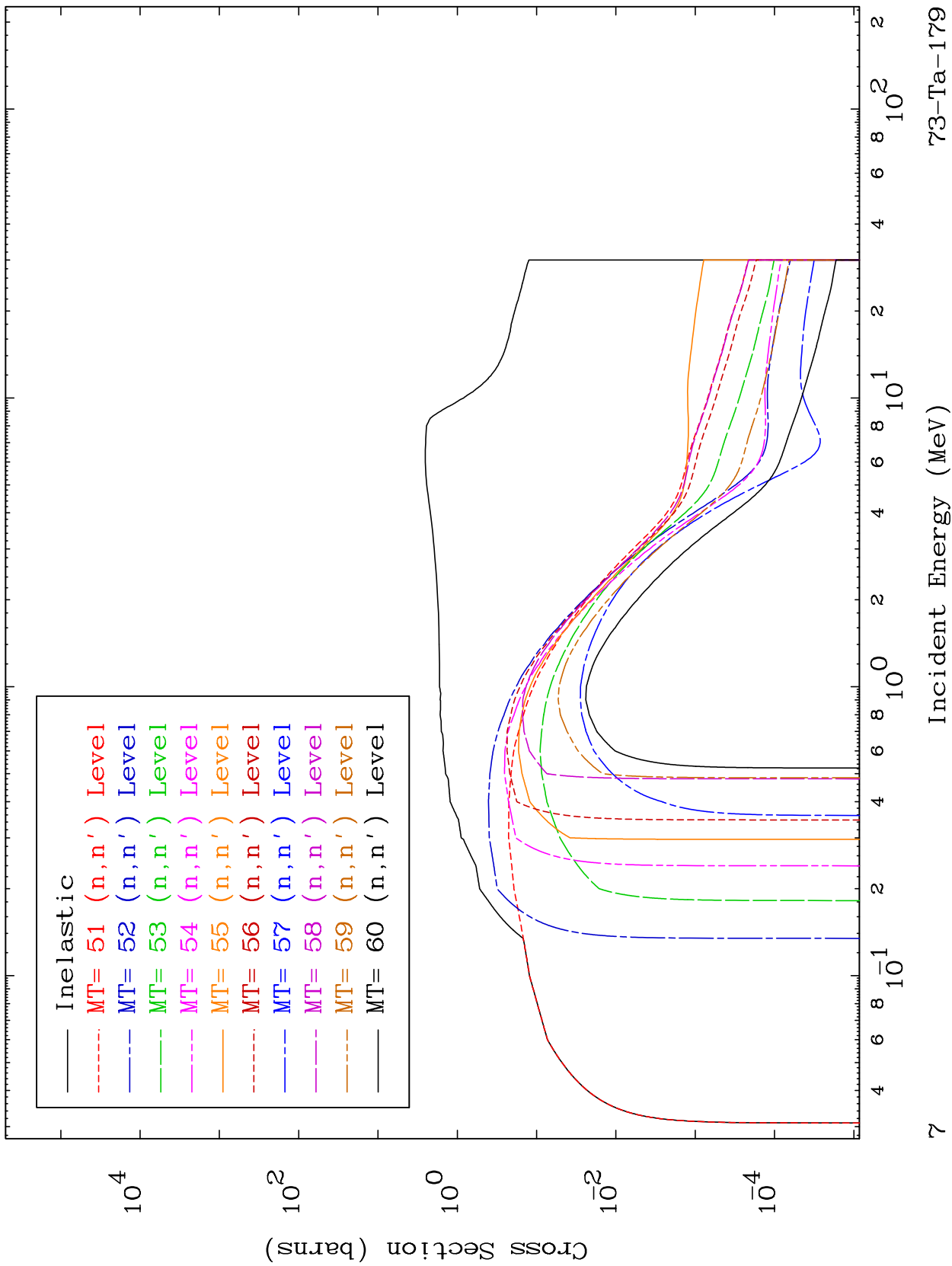
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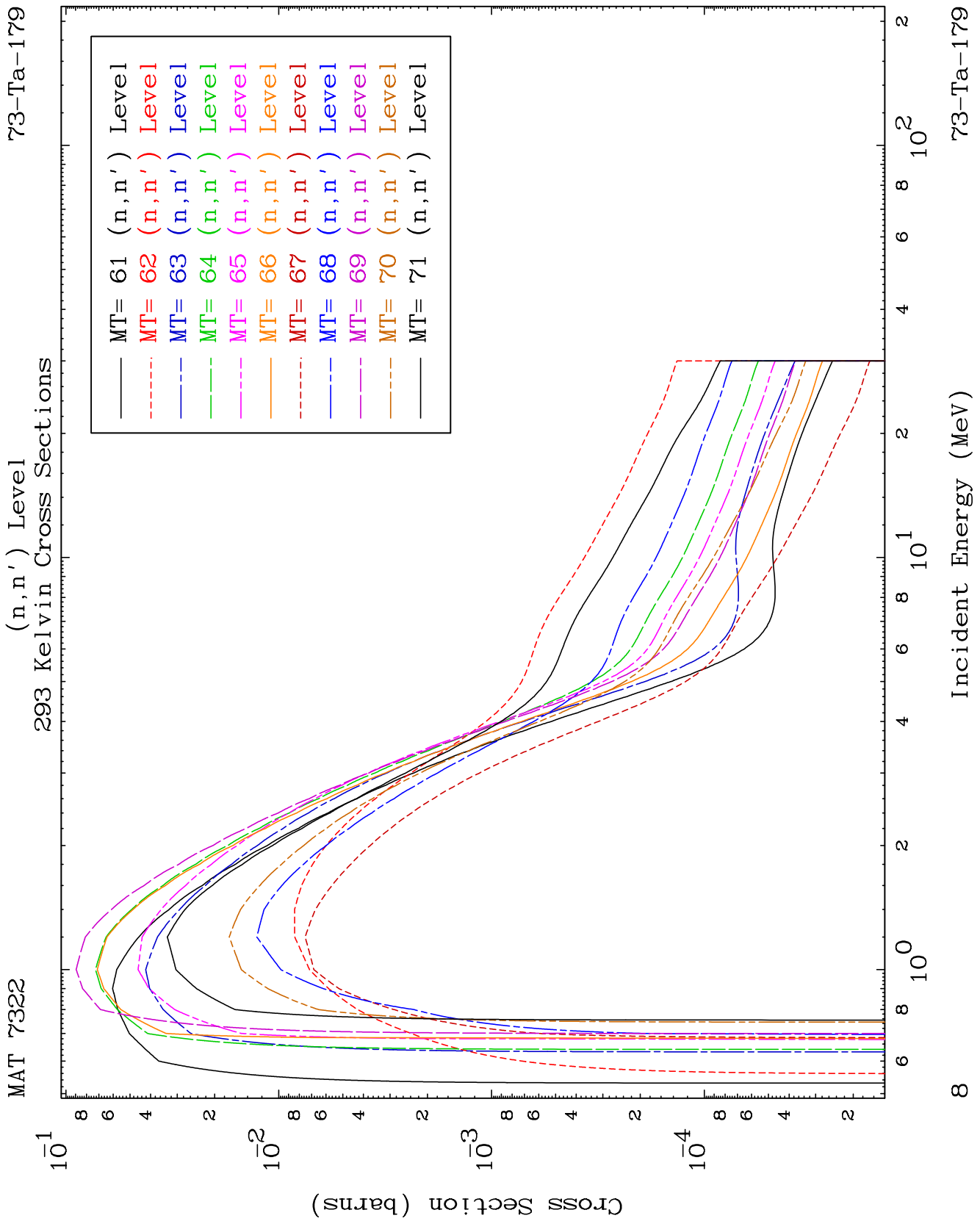


73-Ta-179



293 Kelvin Cross Sections



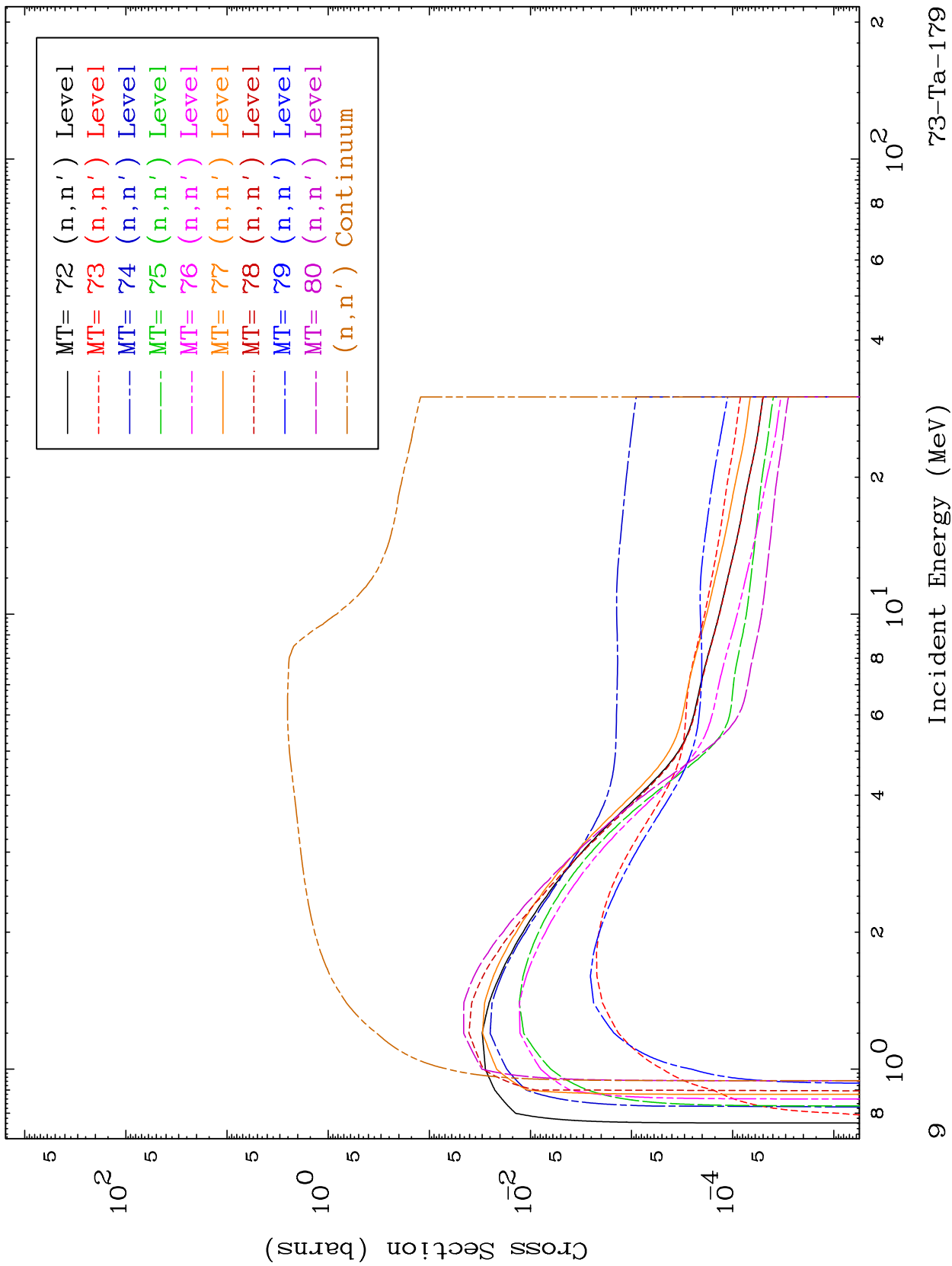


MAT 7322

(n,n') Level

73-Ta-179

293 Kelvin Cross Sections



73-Ta-179

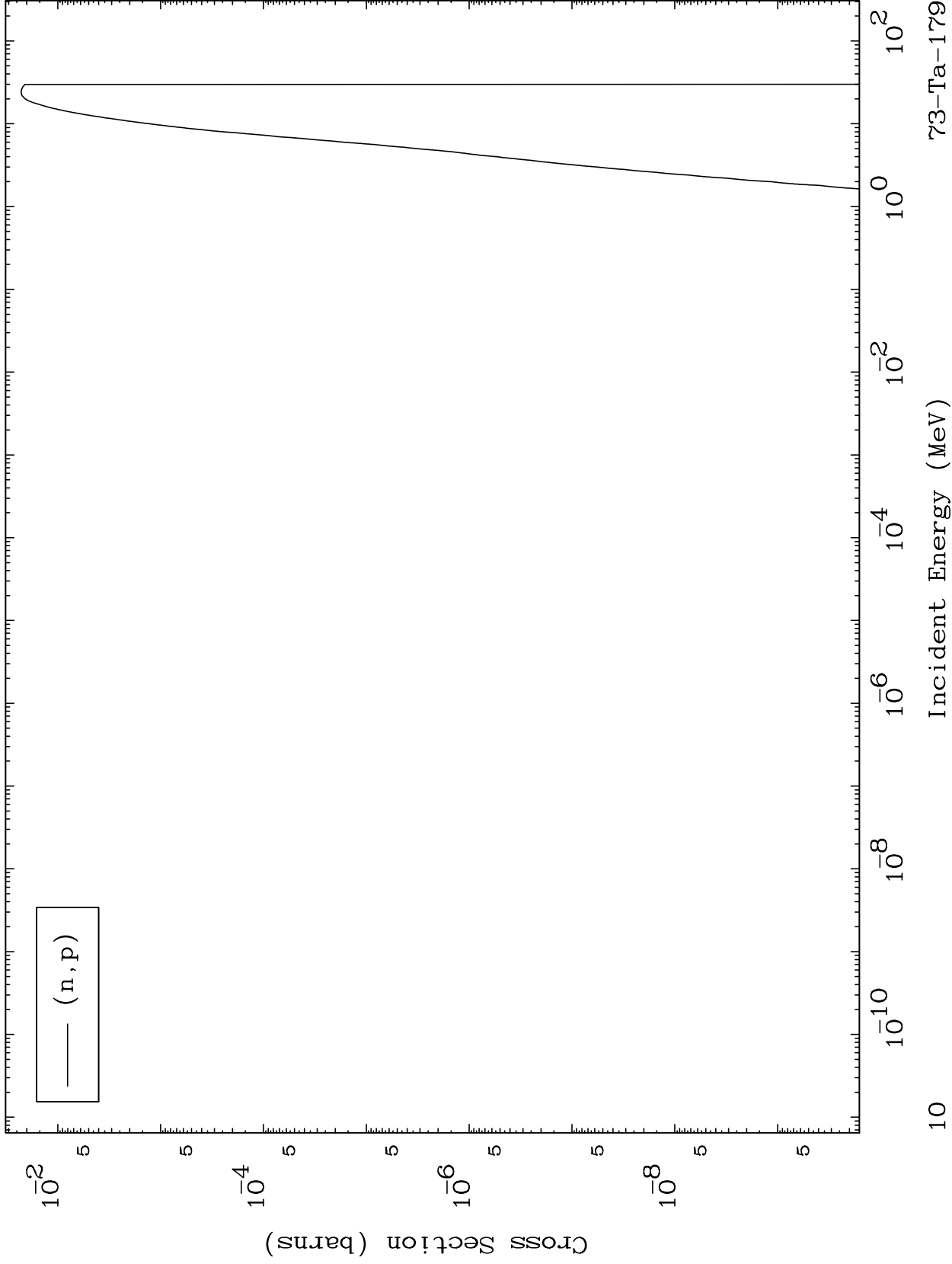
Incident Energy (MeV)

9

MAT 7322

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-179



10

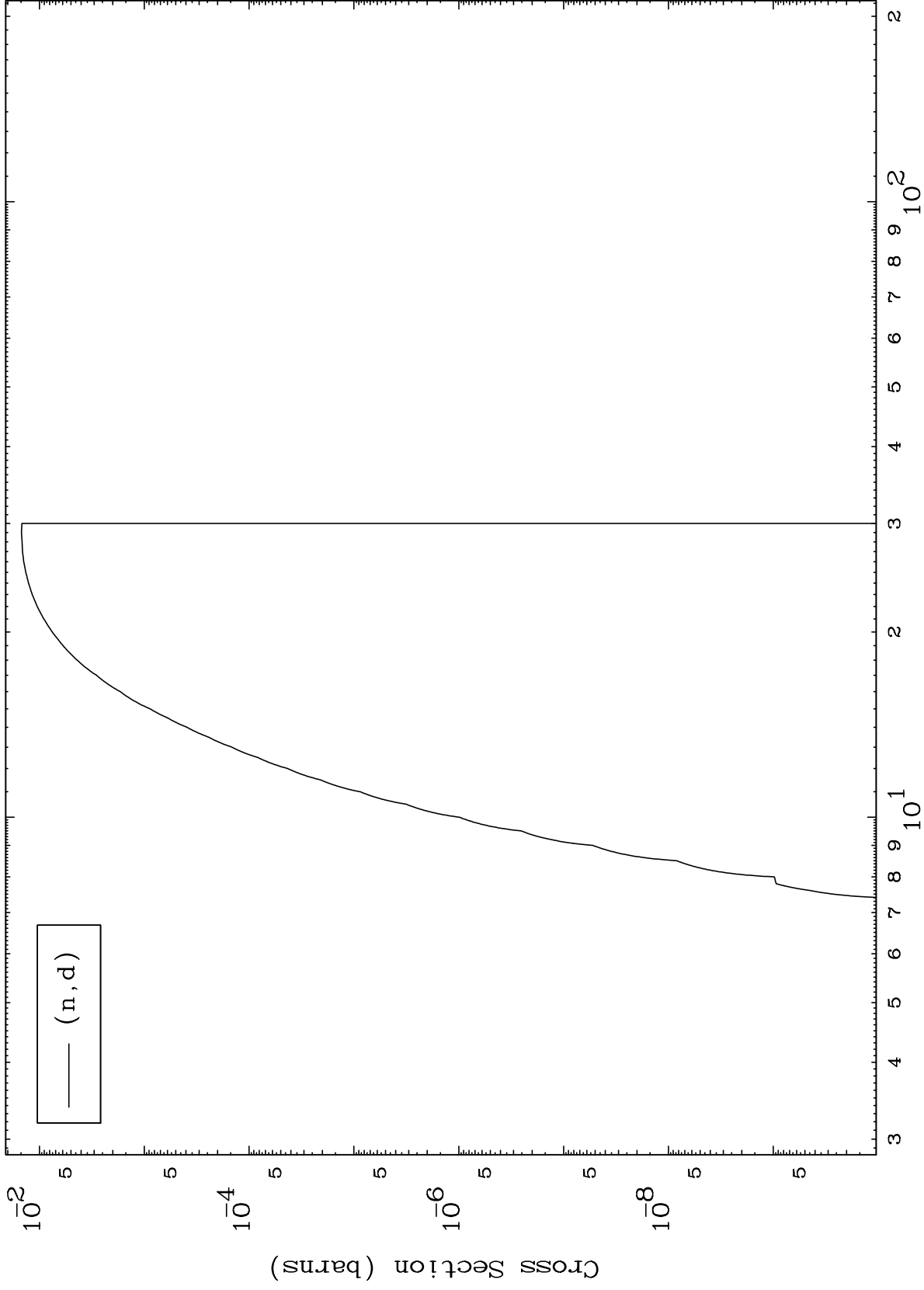
Incident Energy (MeV)

73-Ta-179

MAT 7322

(n,d) Levels
293 Kelvin Cross Sections

⁷³Ta-179



11

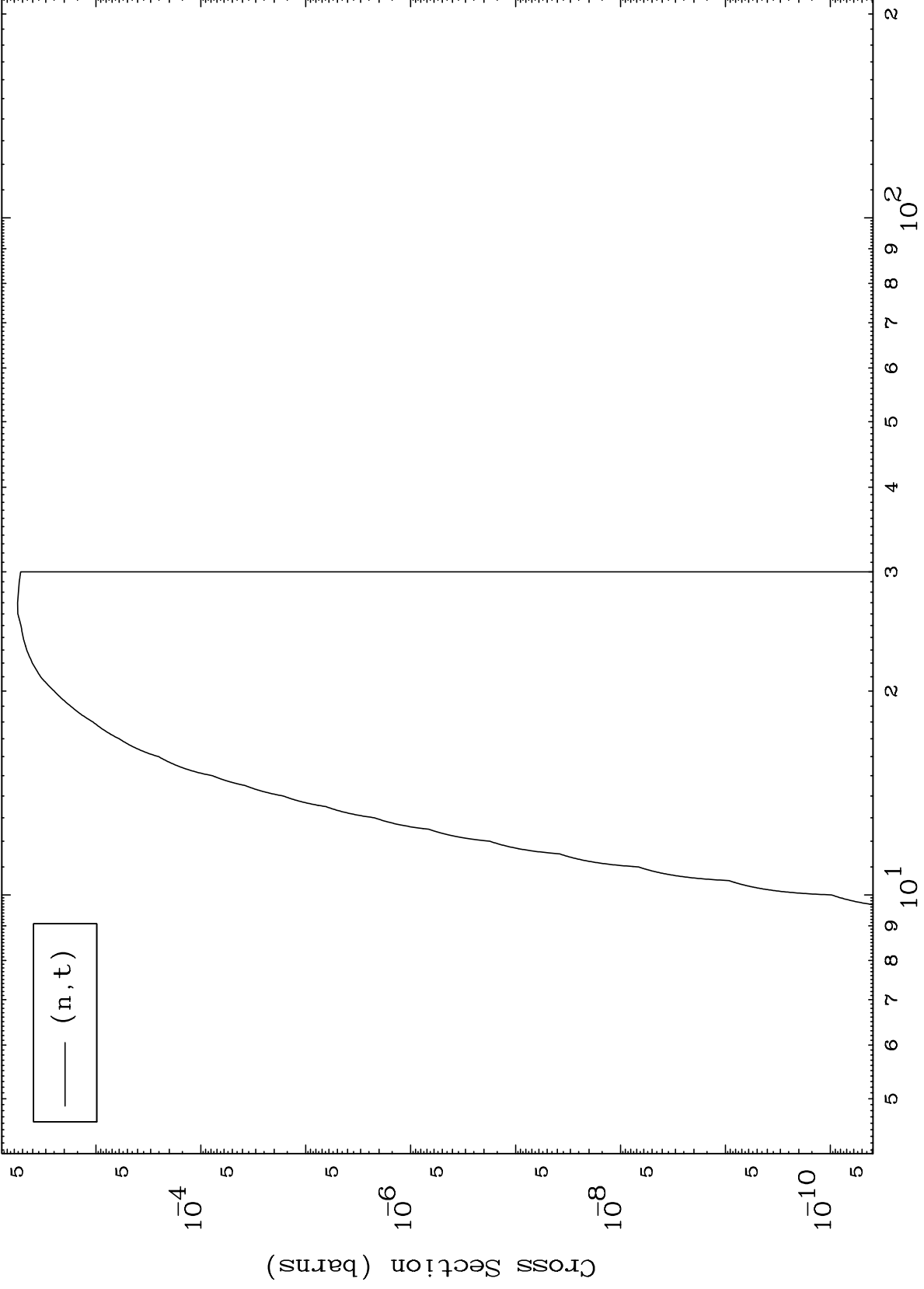
Incident Energy (MeV)

⁷³Ta-179

MAT 7322

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-179



12

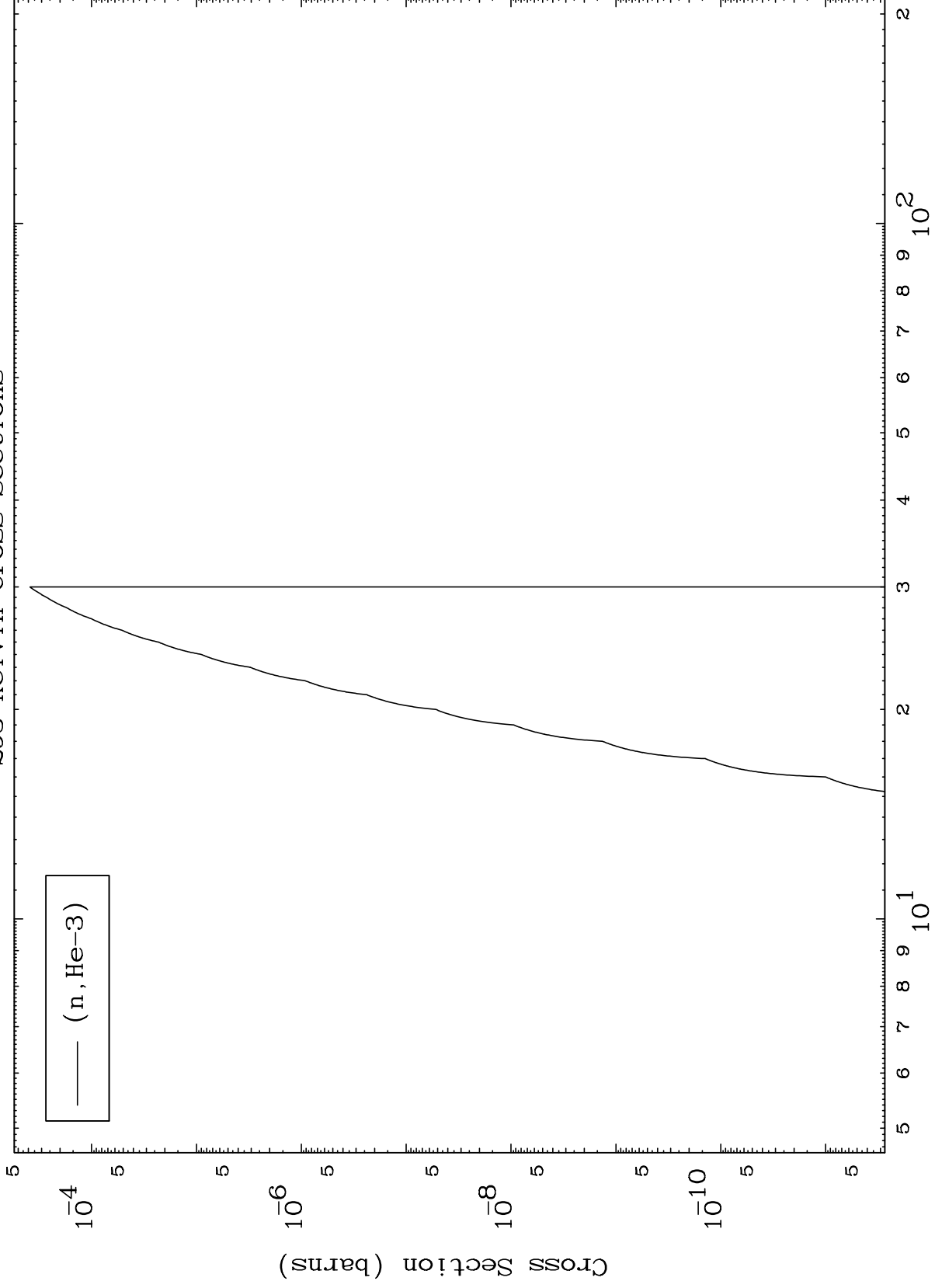
Incident Energy (MeV)

73-Ta-179

MAT 7322

(n,He3) Levels
293 Kelvin Cross Sections

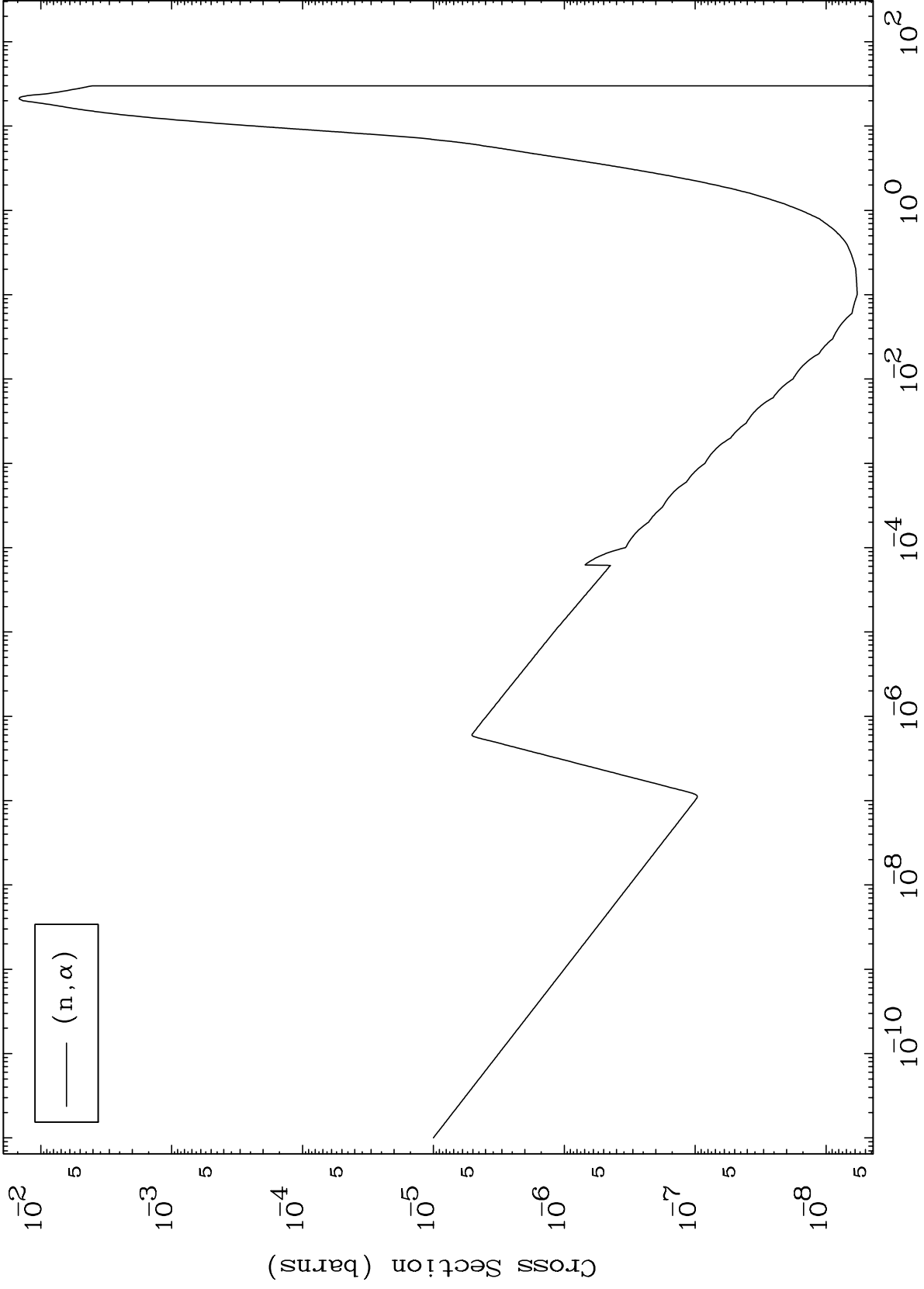
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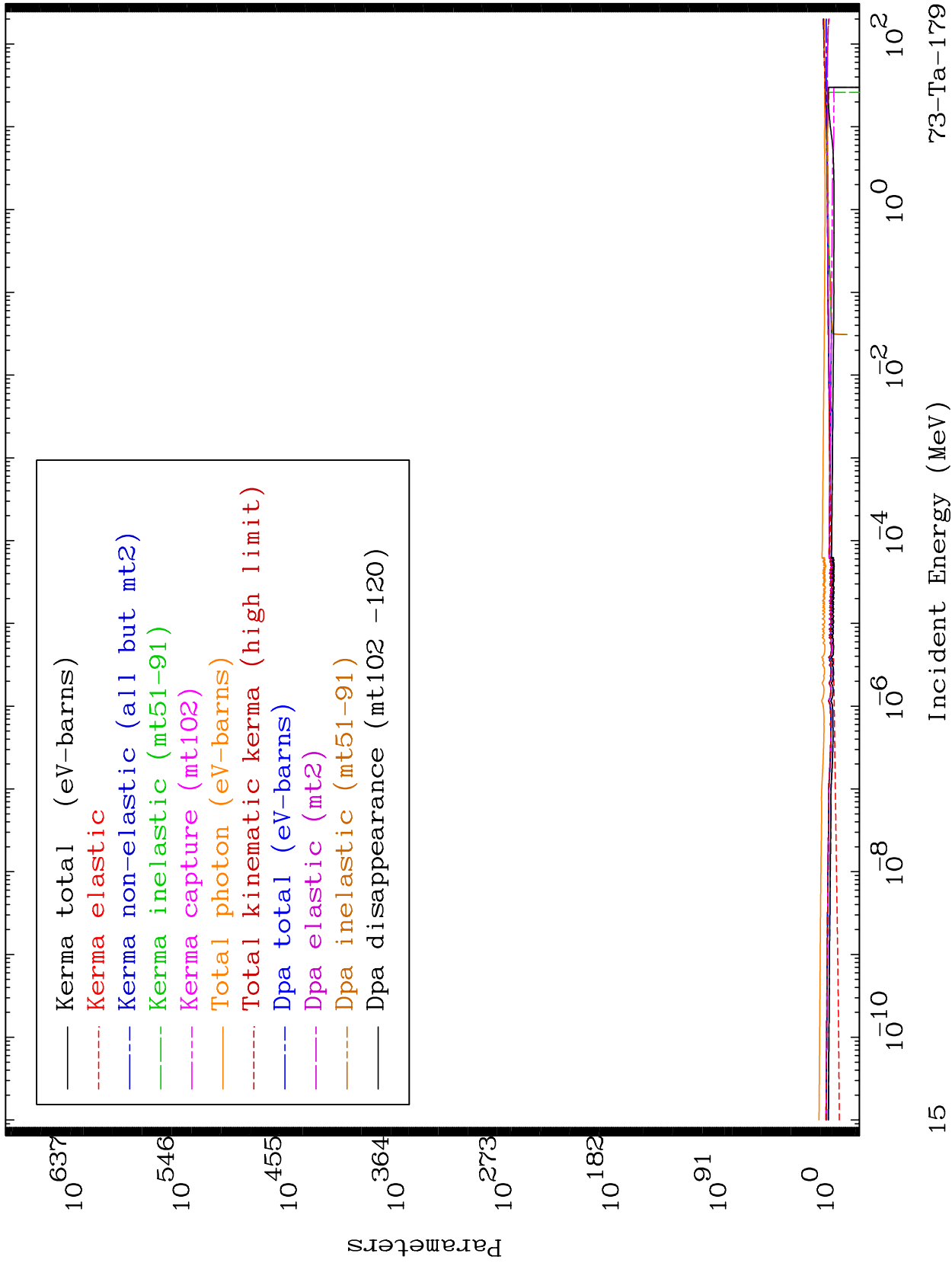


MAT 7322

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-179

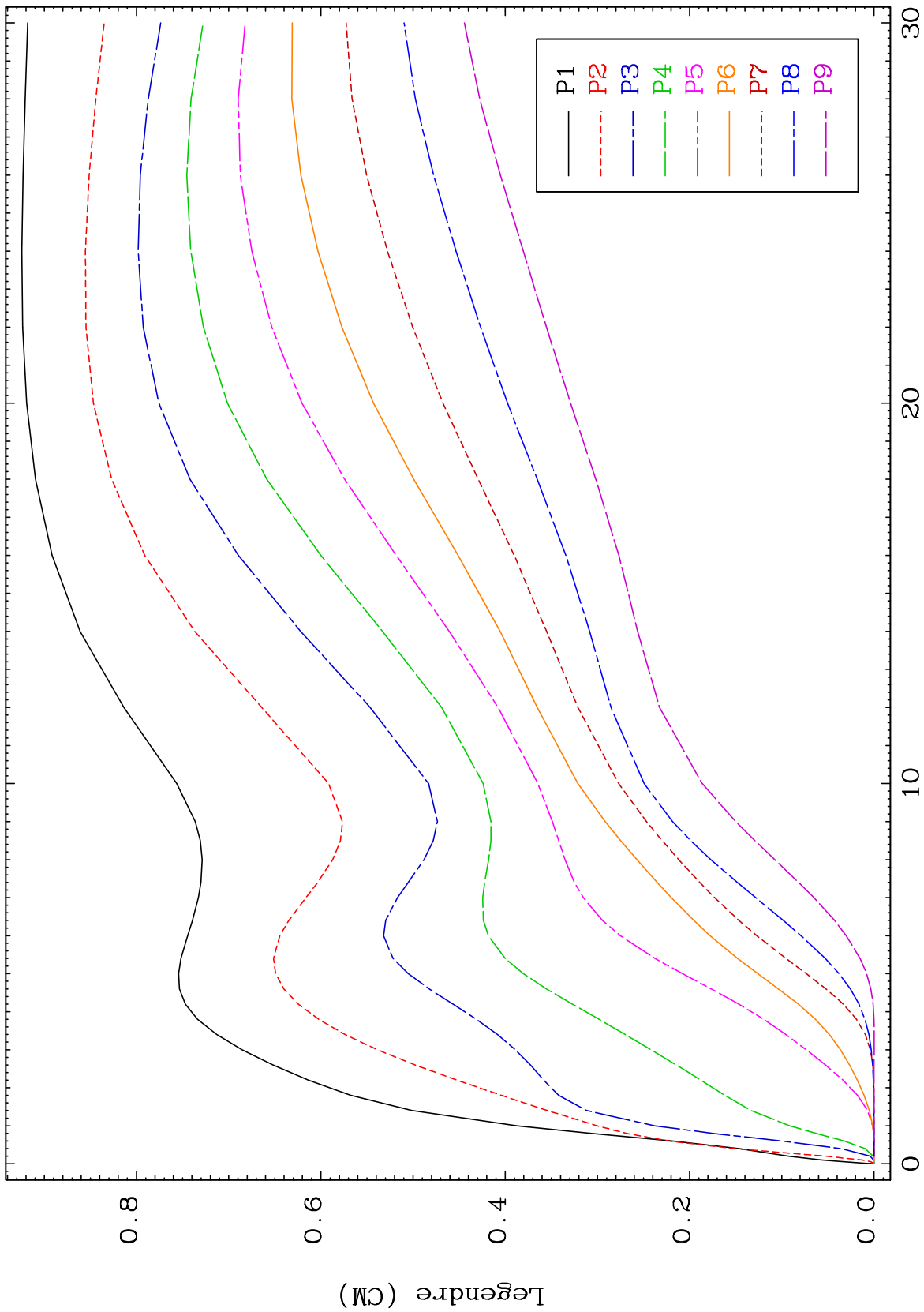




MAT 7322

Elastic Legendre Coefficients

⁷³Ta-179



16

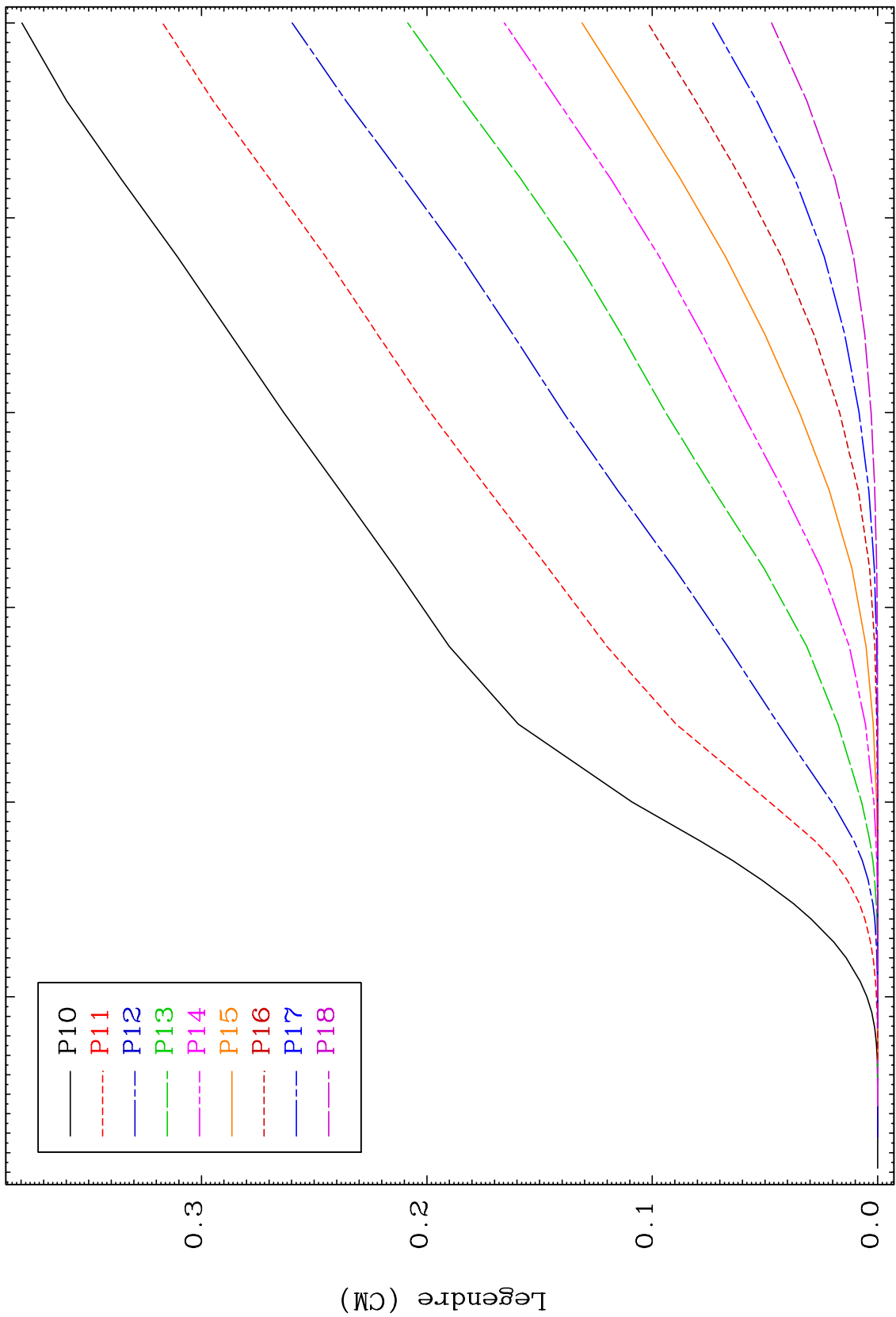
Incident Energy (MeV)

⁷³Ta-179

MAT 7322

Elastic Legendre Coefficients

⁷³Ta-179



17

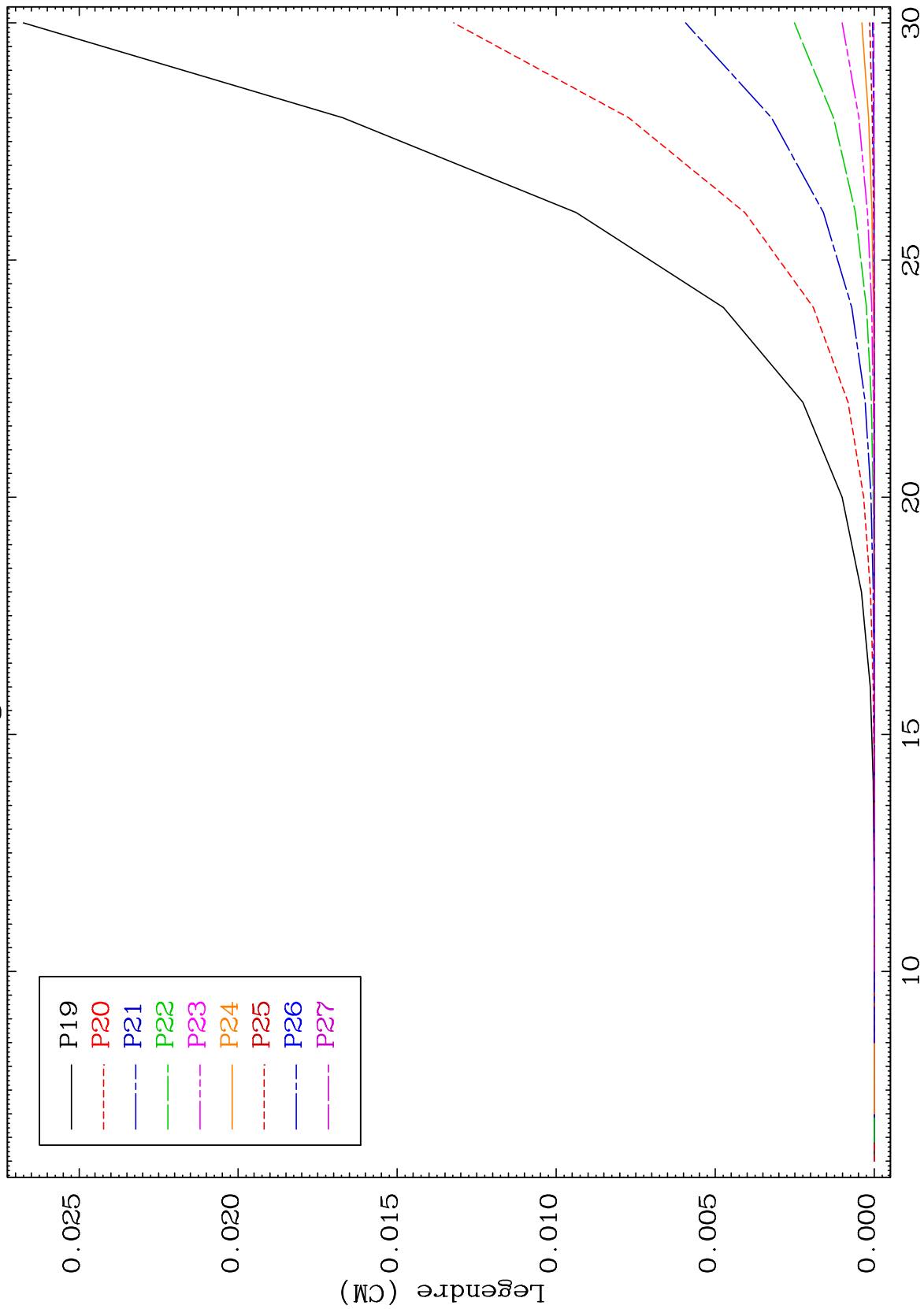
Incident Energy (MeV)

⁷³Ta-179

MAT 7322

Elastic
Legendre Coefficients

73-Ta-179



18

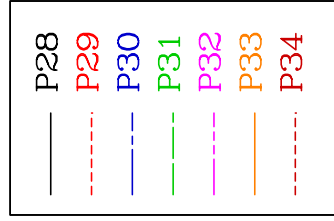
Incident Energy (MeV)

73-Ta-179

MAT 7322

Elastic
Legendre Coefficients

73-Ta-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

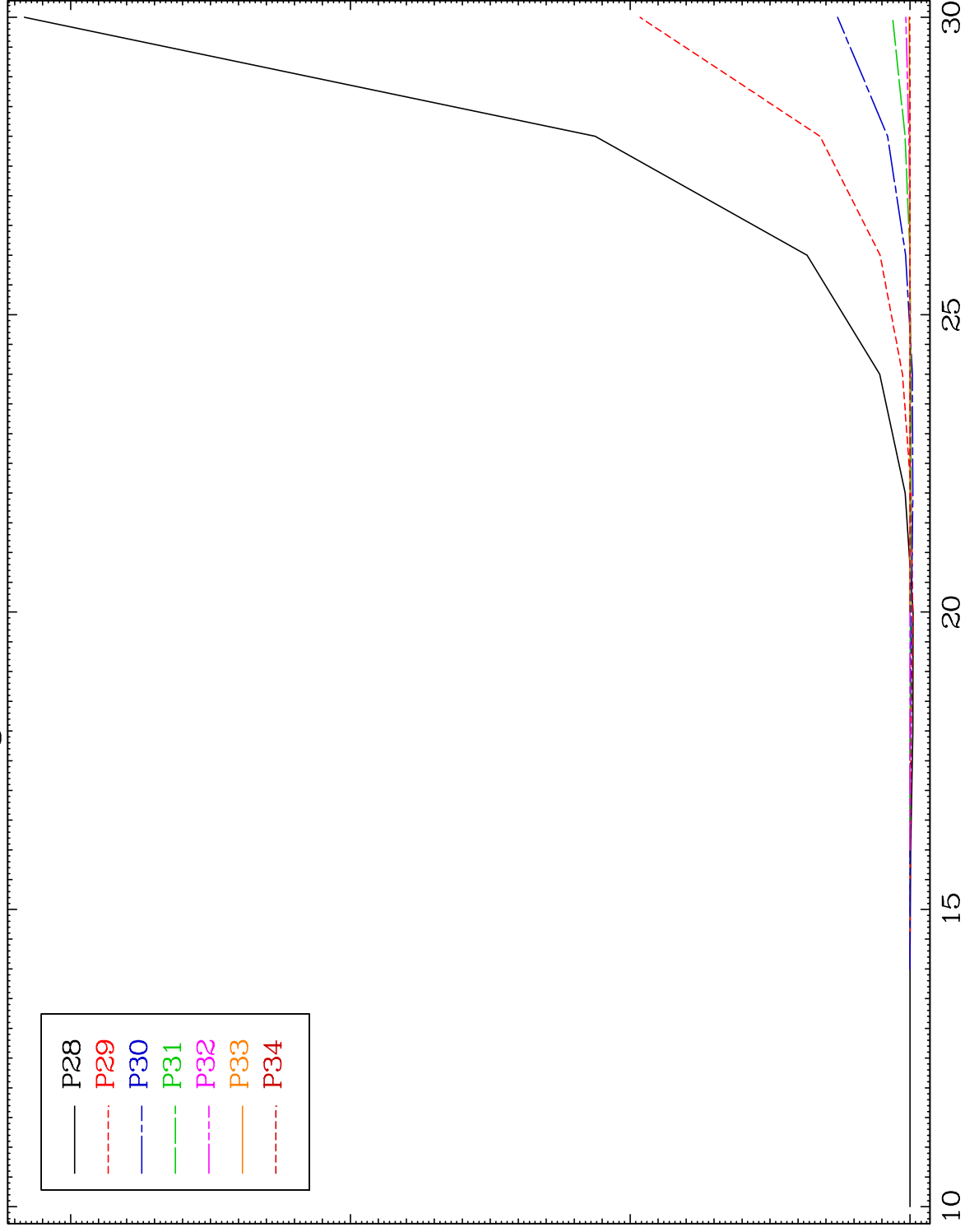
25

30

19

Incident Energy (MeV)

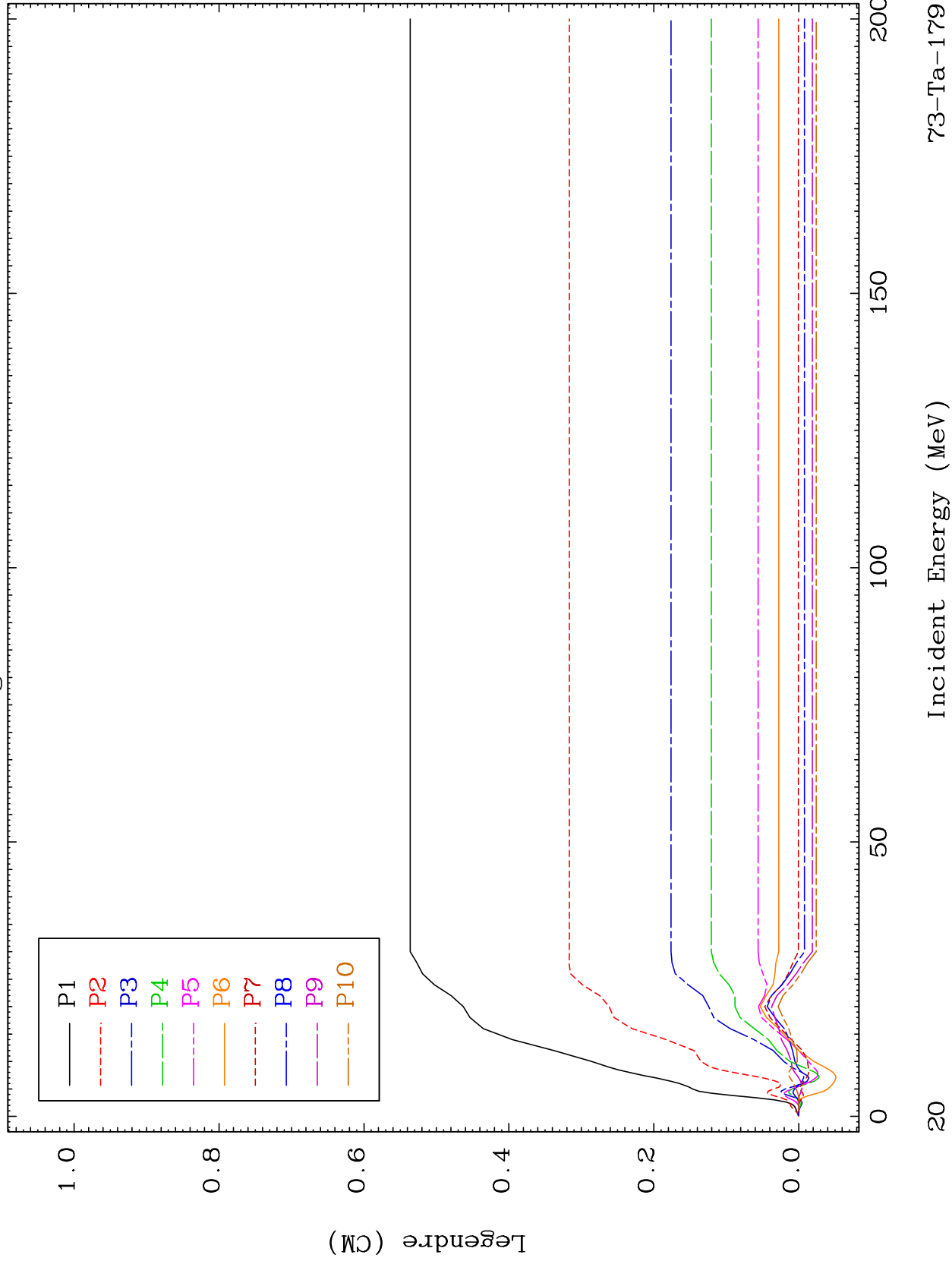
73-Ta-179



MAT 7322

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

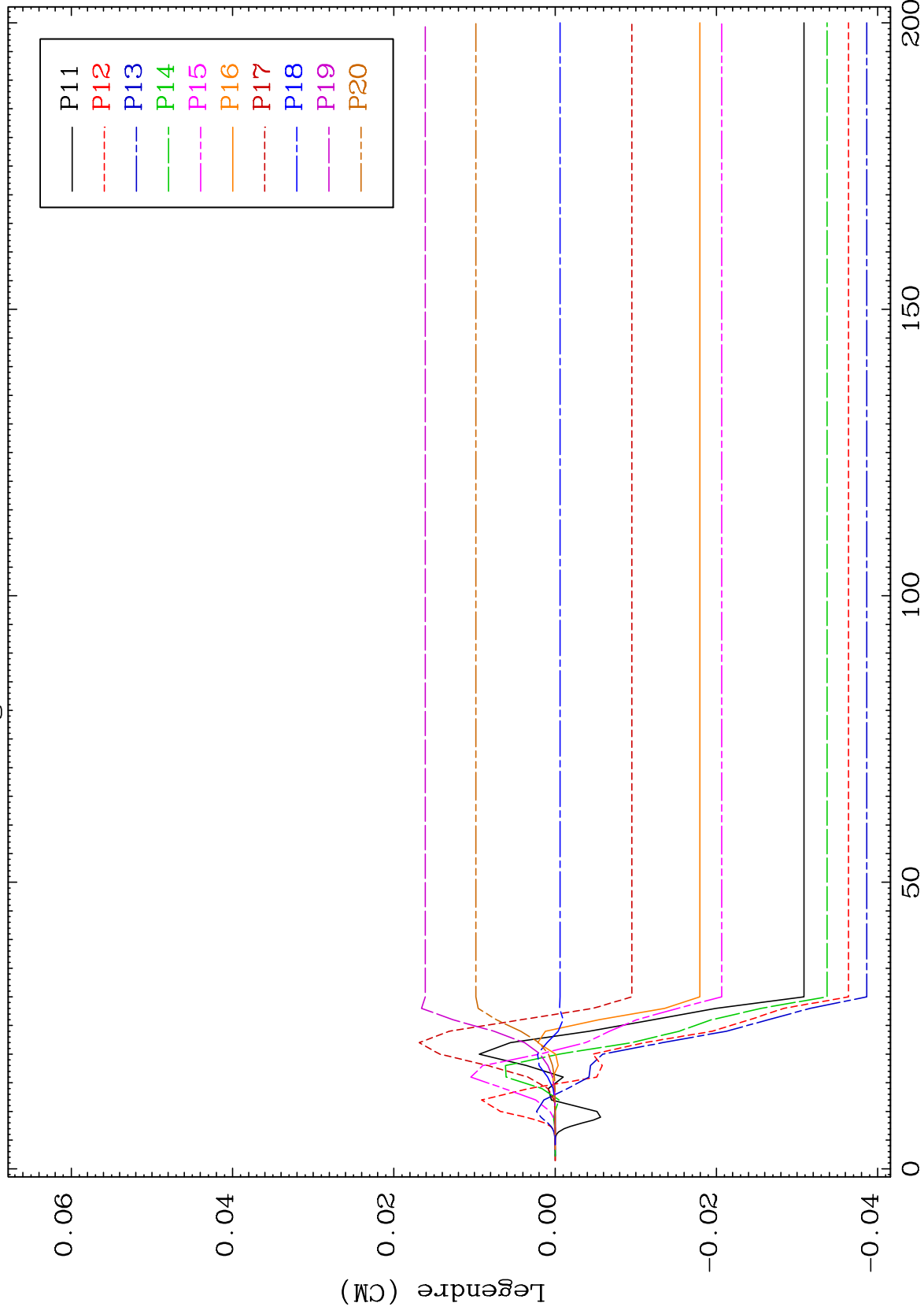
⁷³Ta-179



MAT 7322

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

73-Ta-179



21

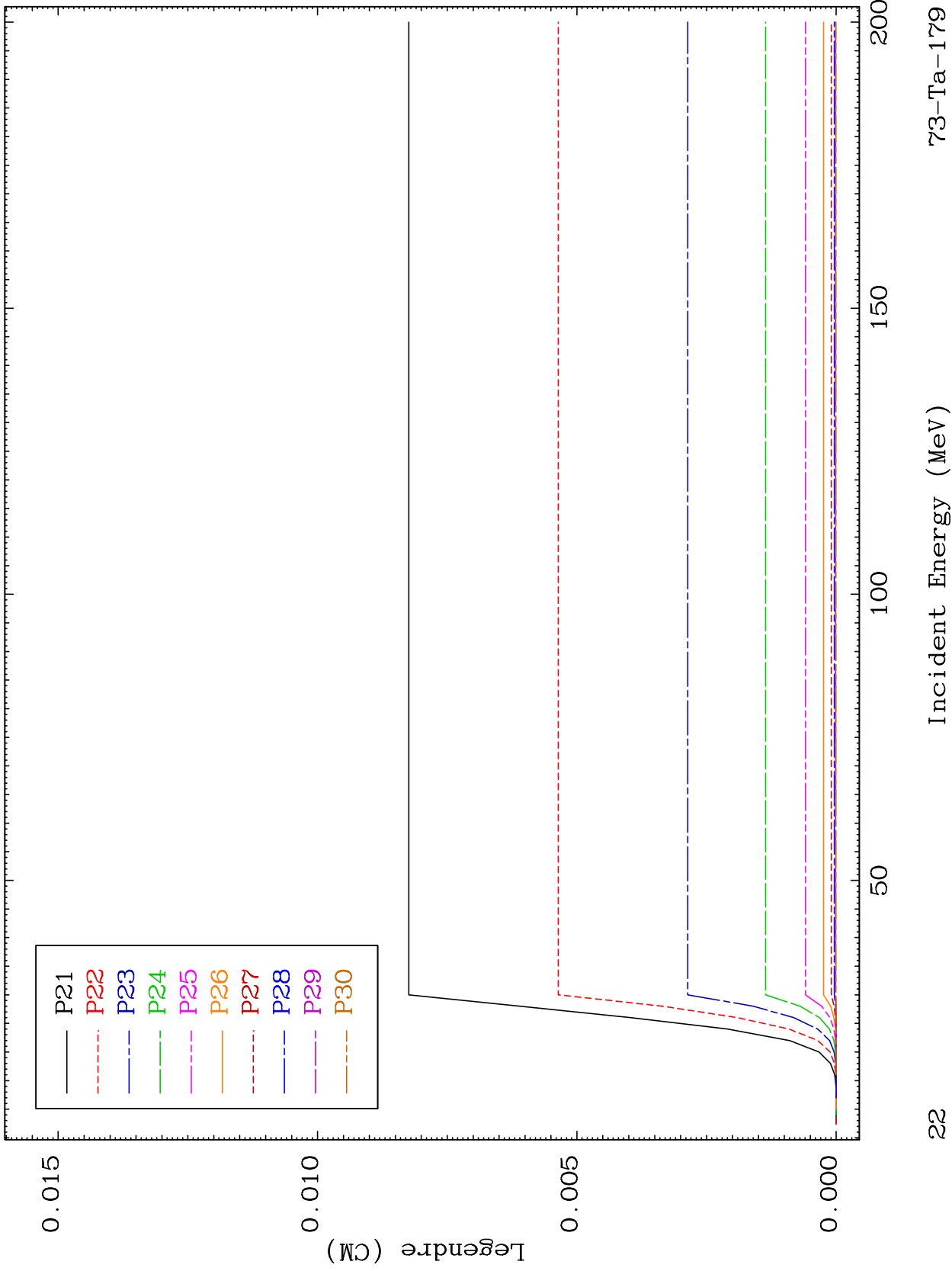
Incident Energy (MeV)

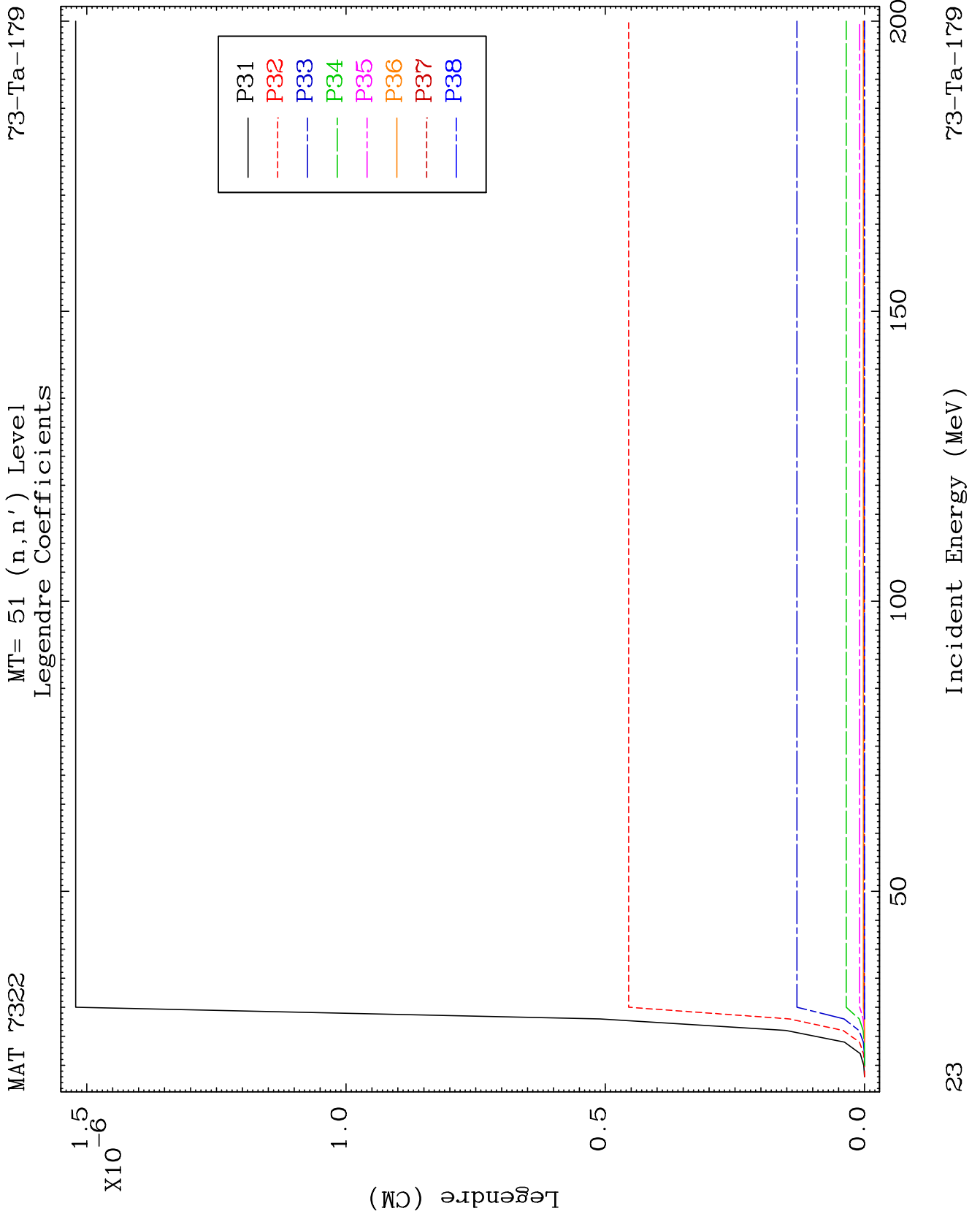
73-Ta-179

MAT 7322

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

73-Ta-179

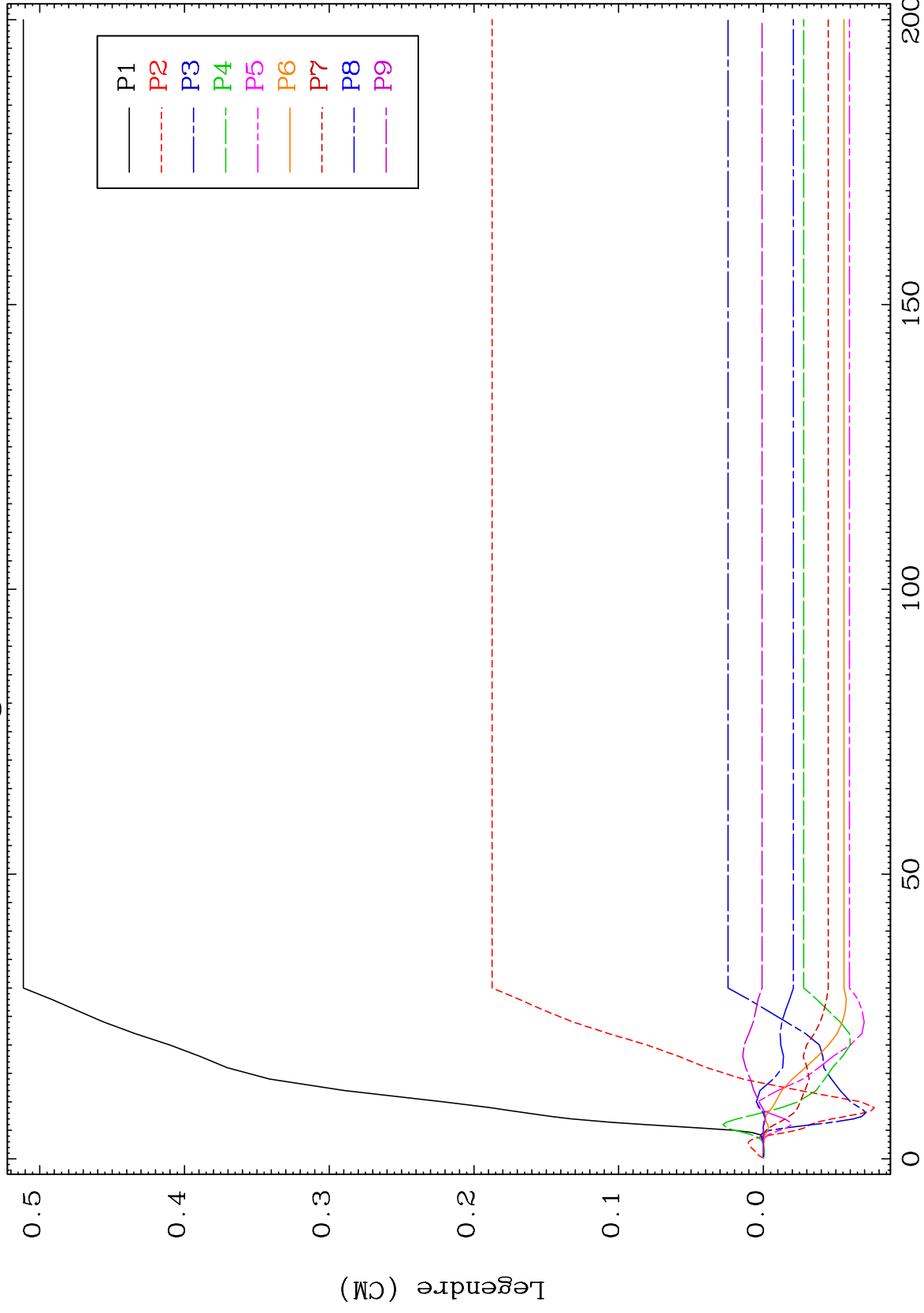




MAT 7322

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

73-Ta-179



24

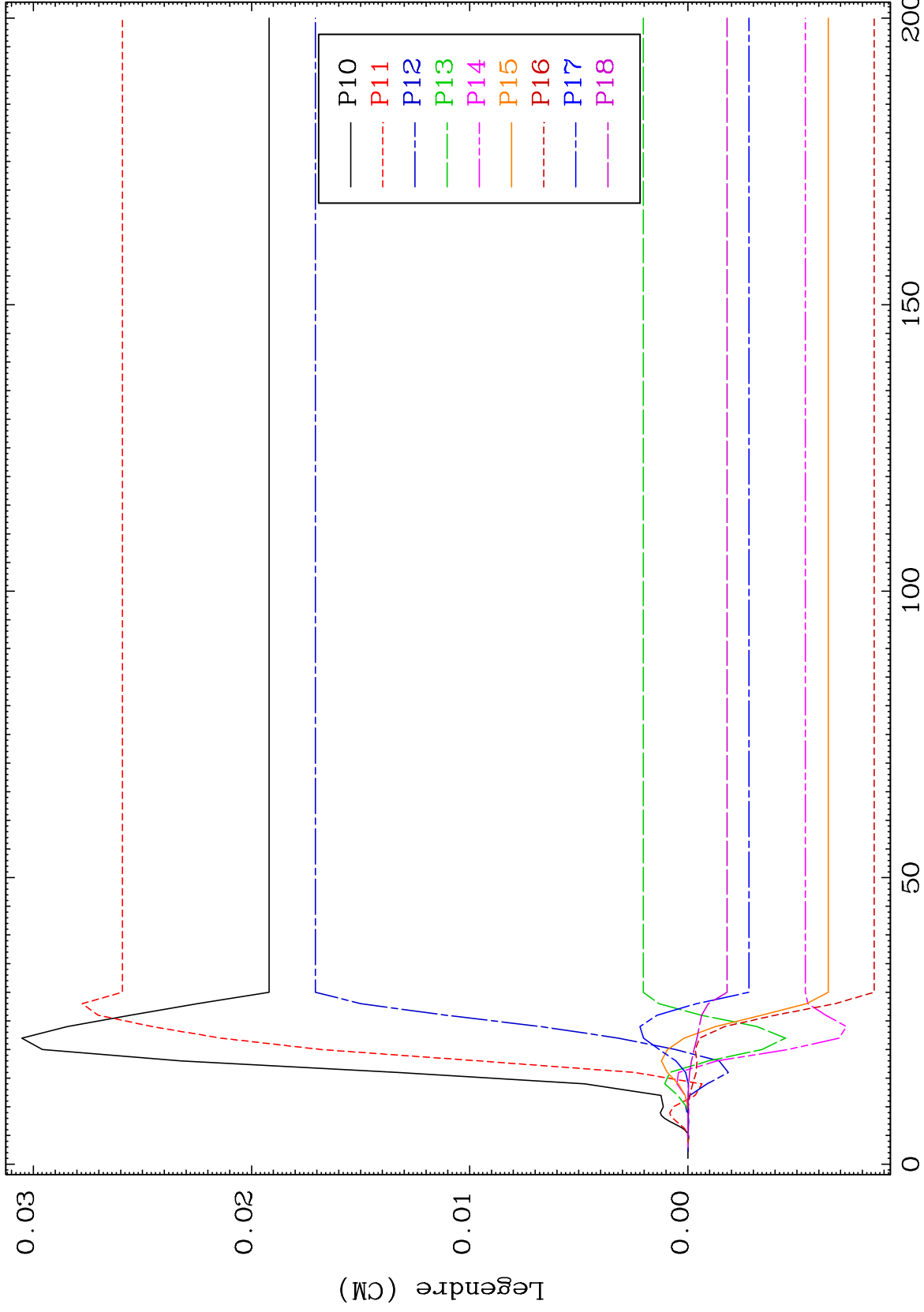
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

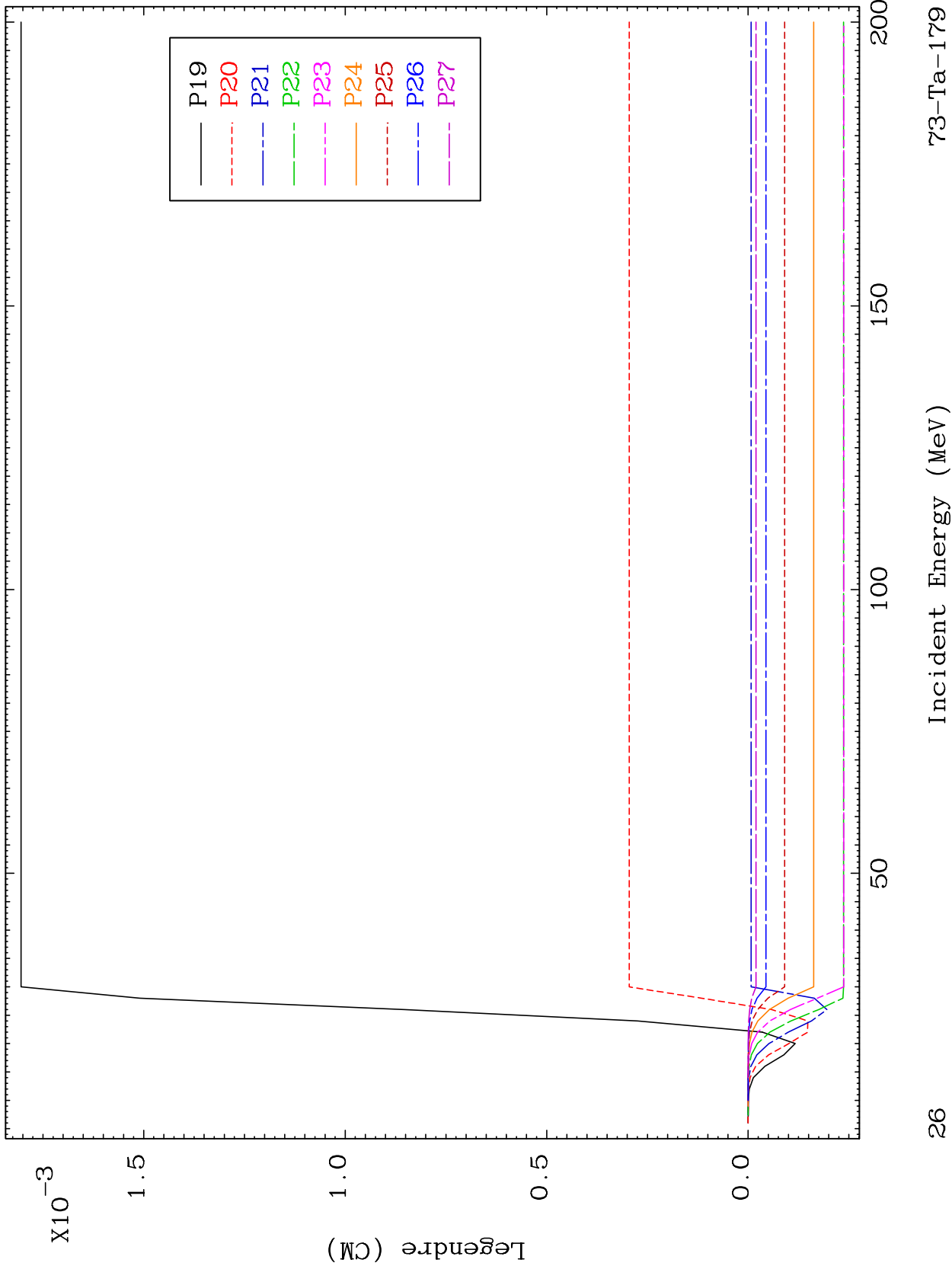
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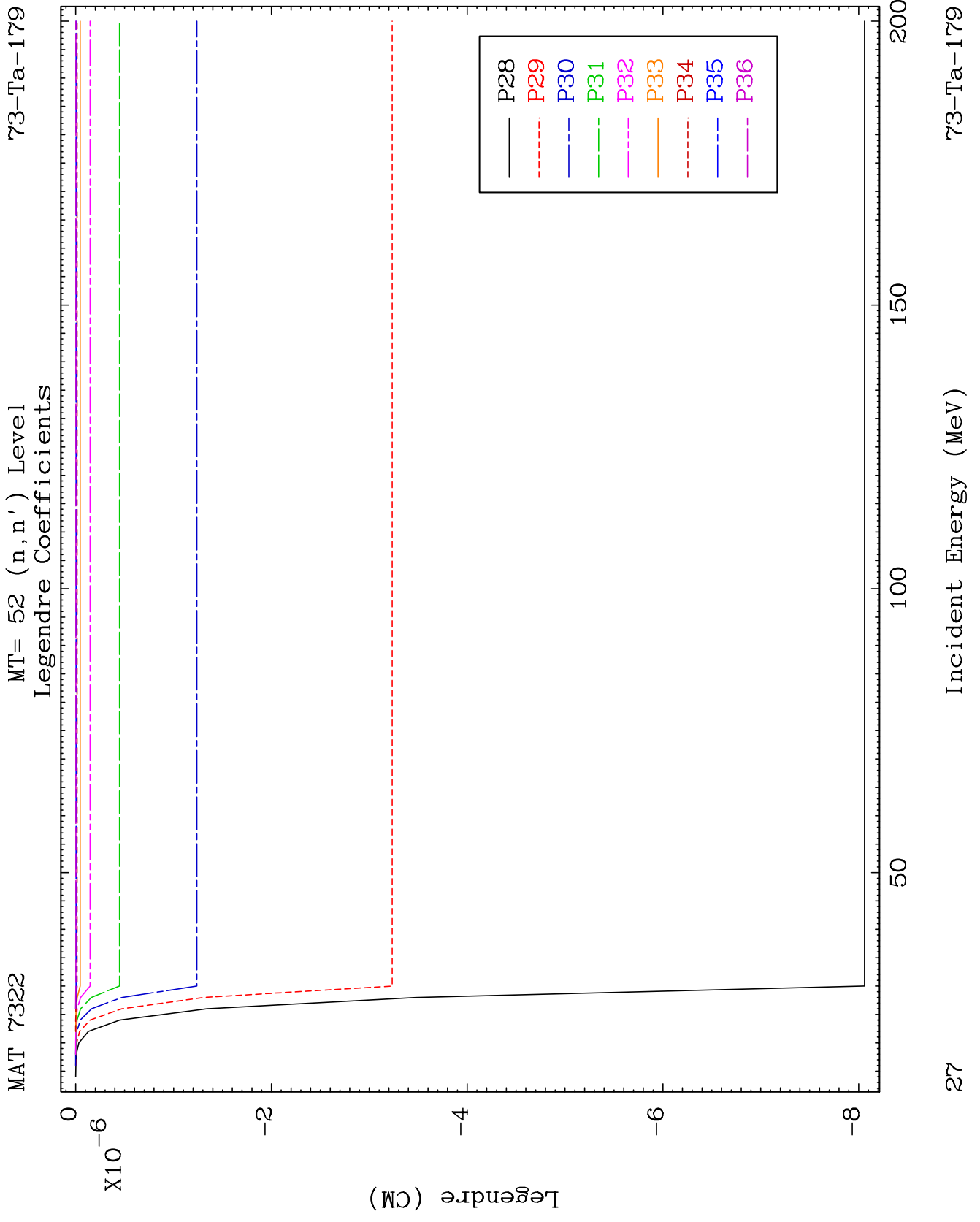


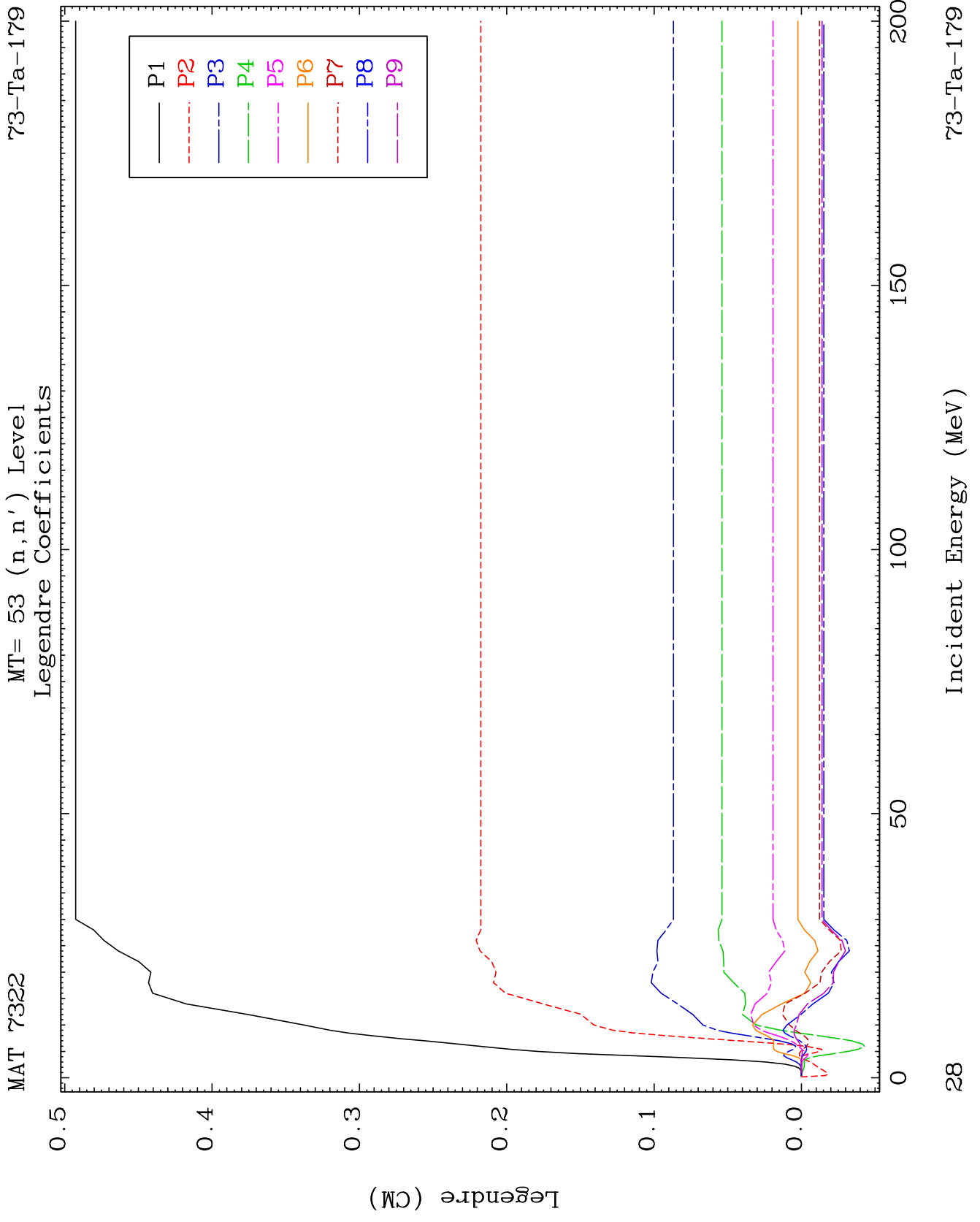
73-Ta-179

Incident Energy (MeV)

25



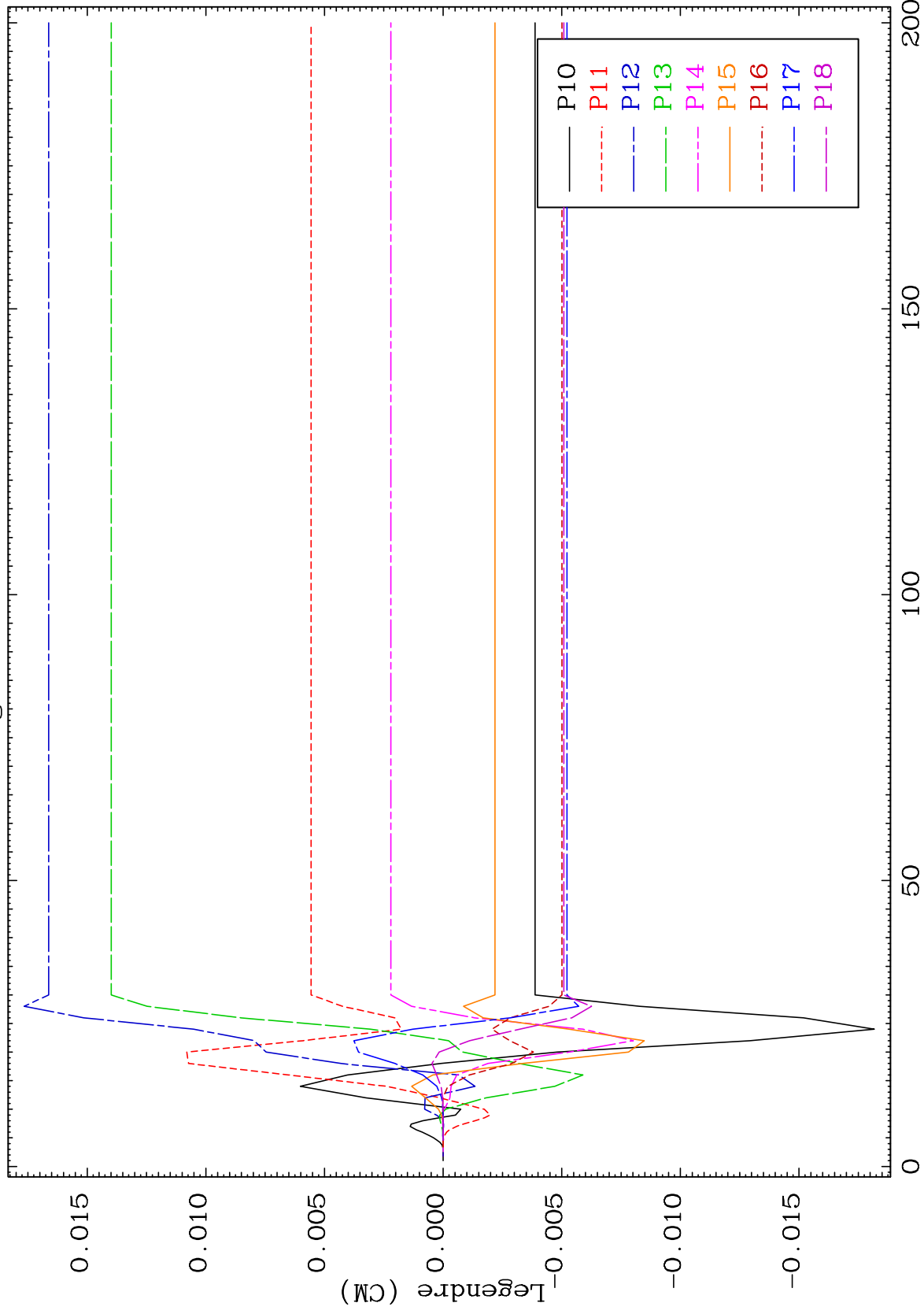




MAT 7322

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

73-Ta-179



29

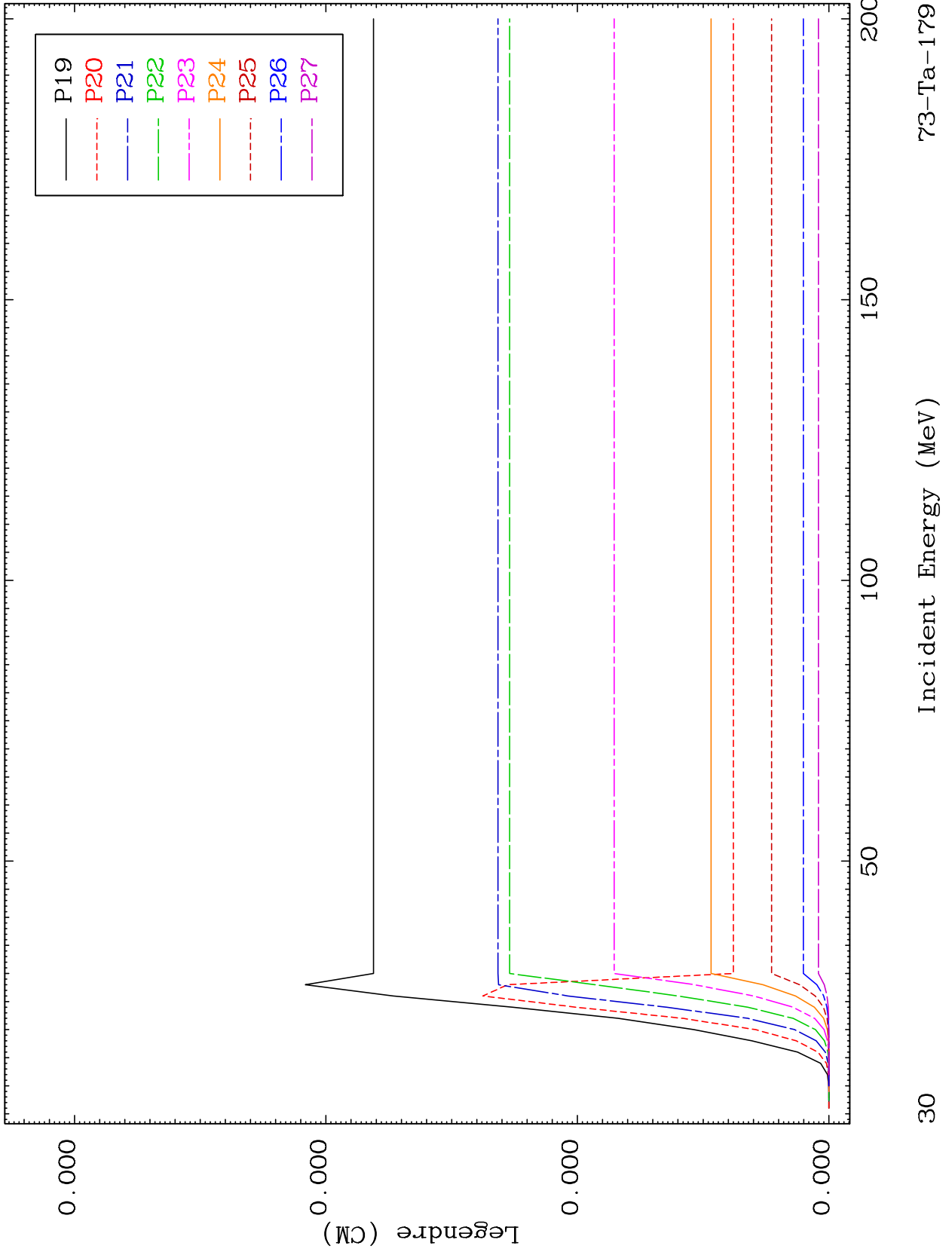
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

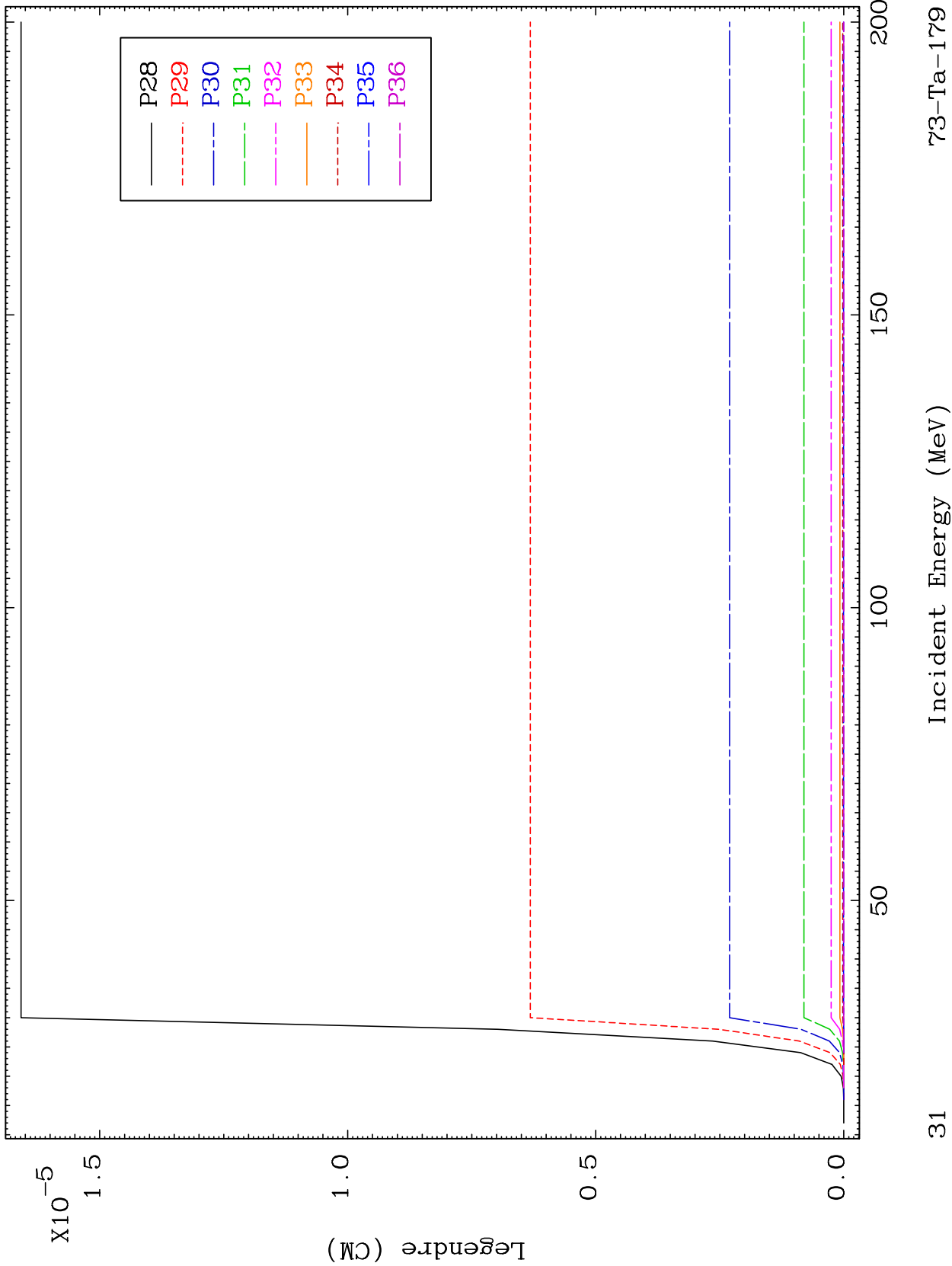
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MAT 7322

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

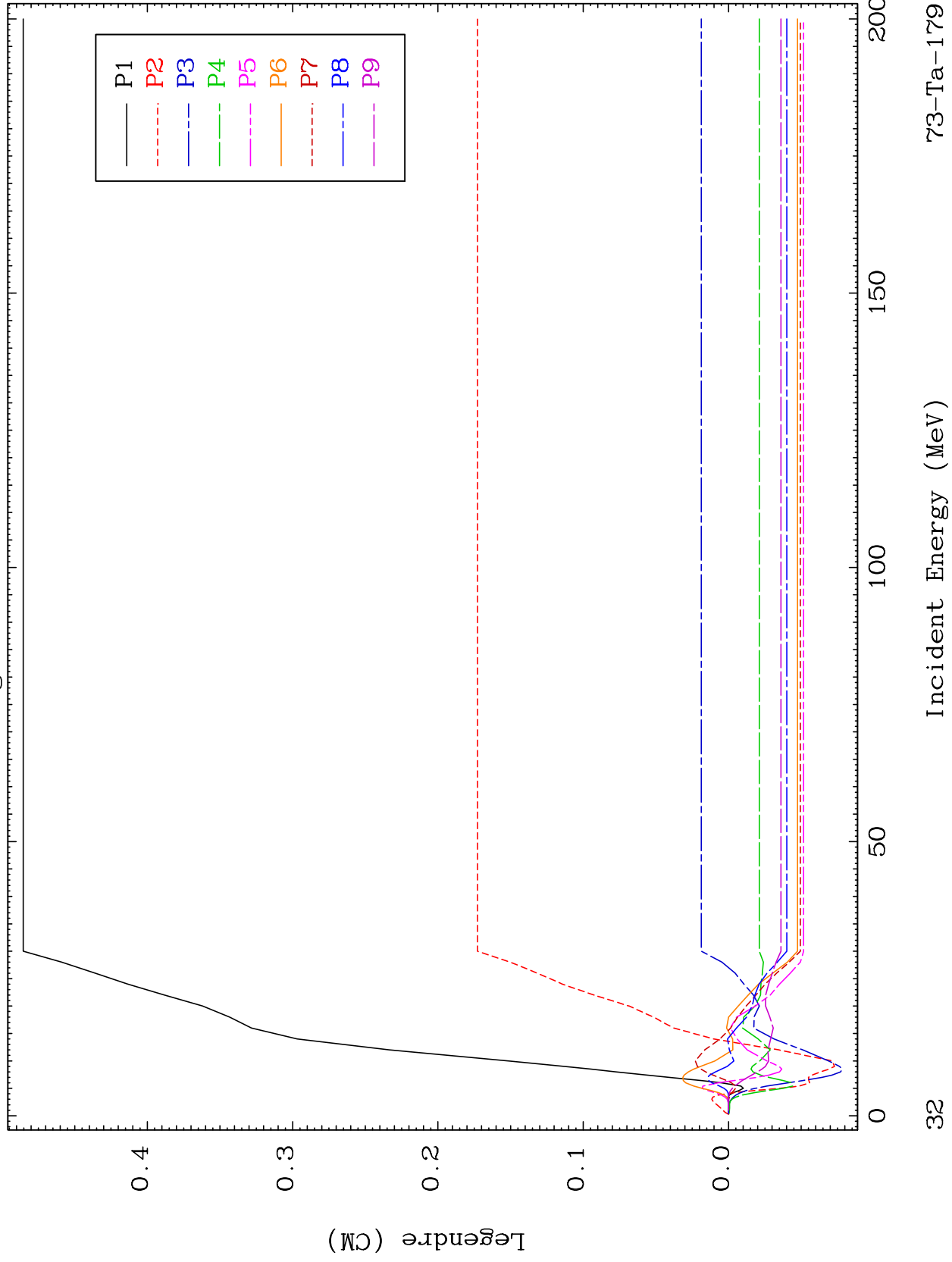
73-Ta-179



MAT 7322

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

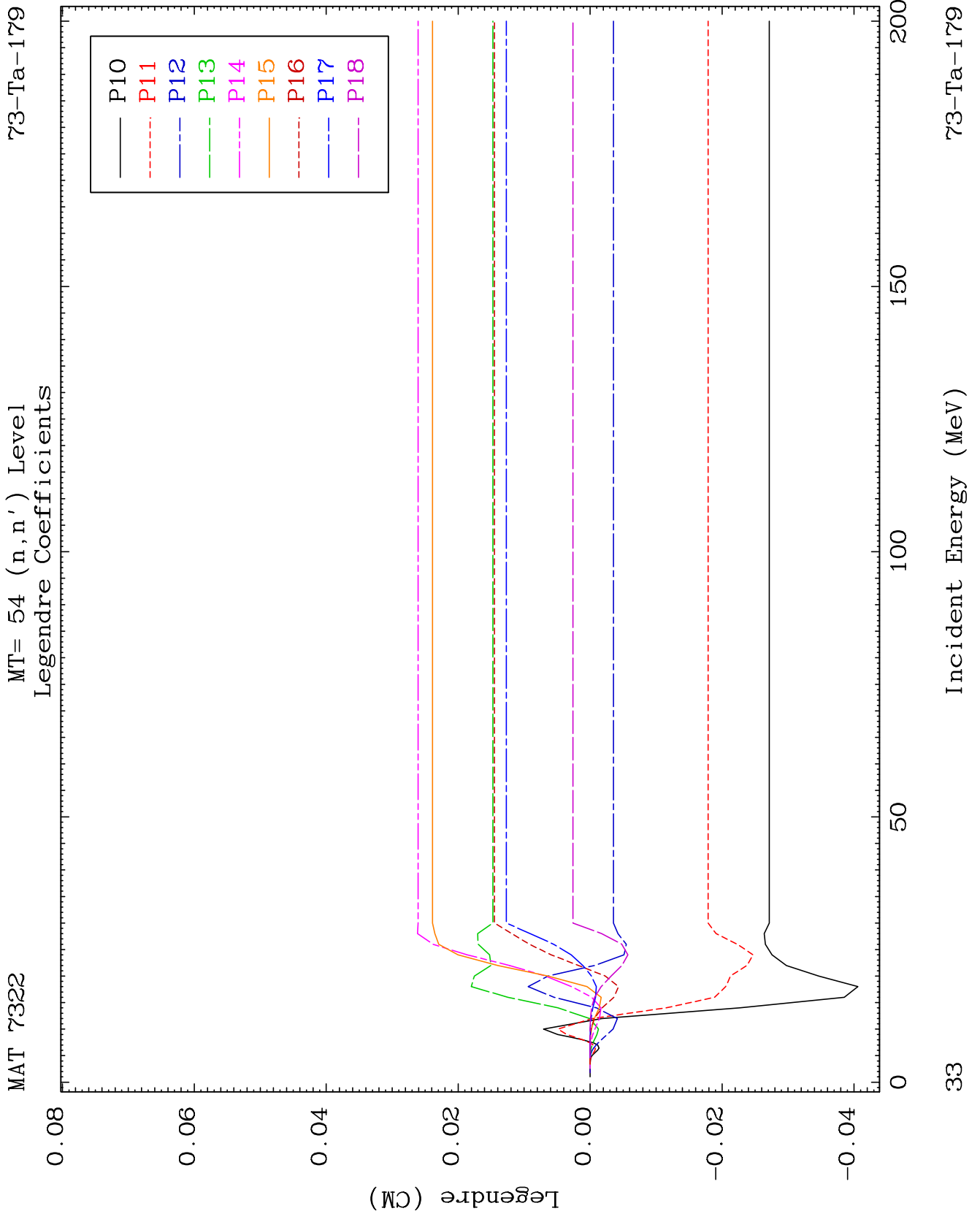
73-Ta-179



73-Ta-179

Incident Energy (MeV)

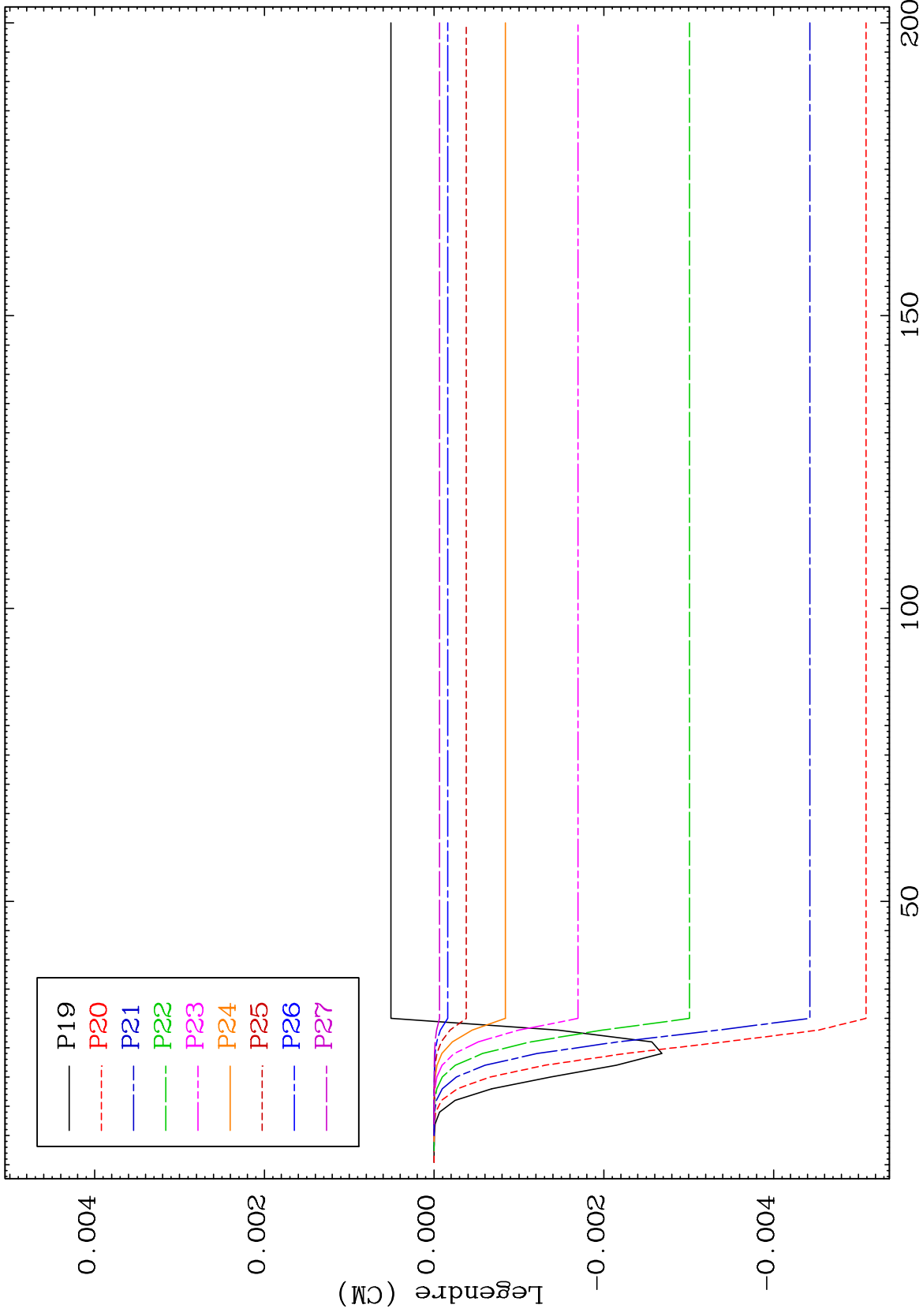
32



MAT 7322

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

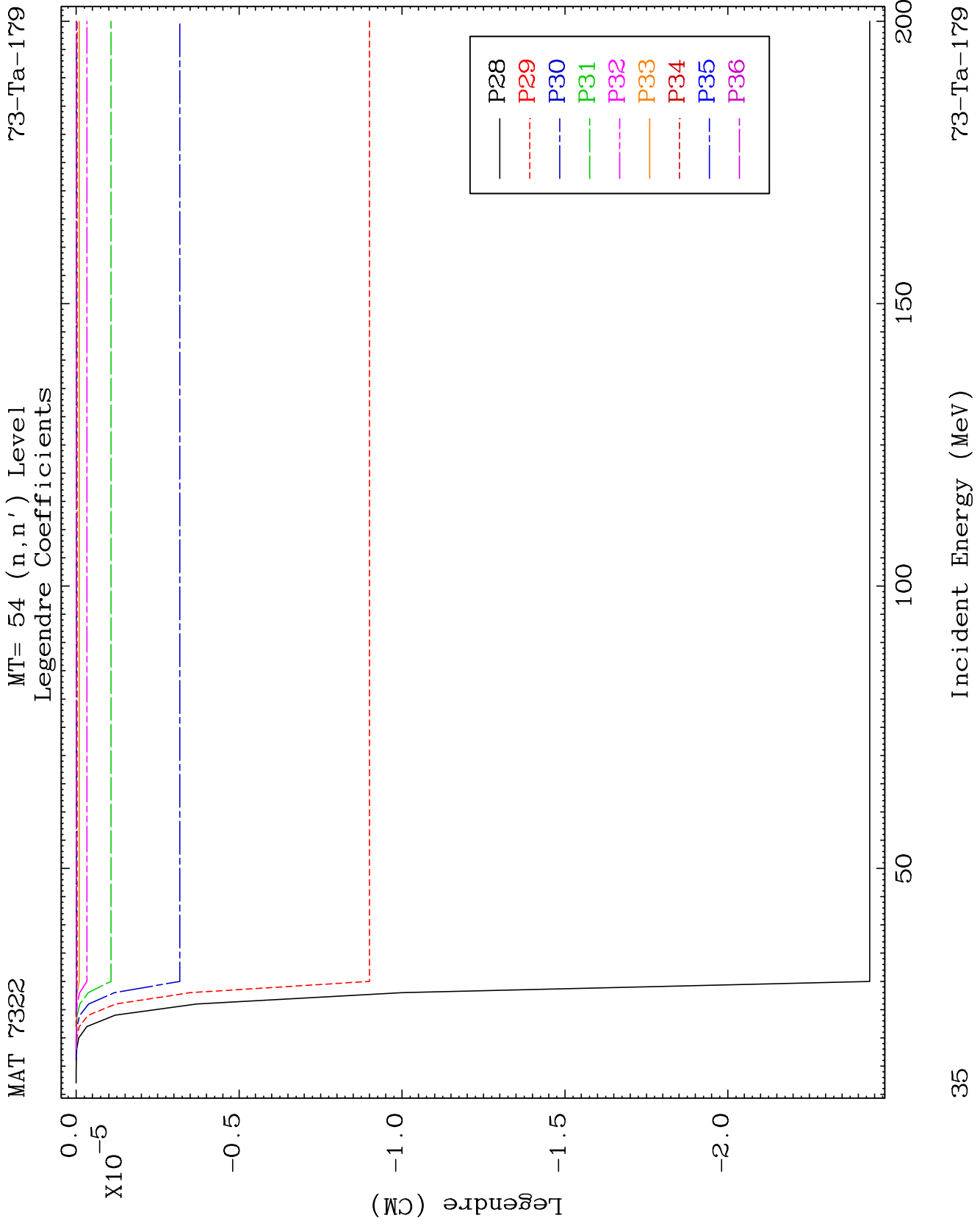
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34

Incident Energy (MeV)

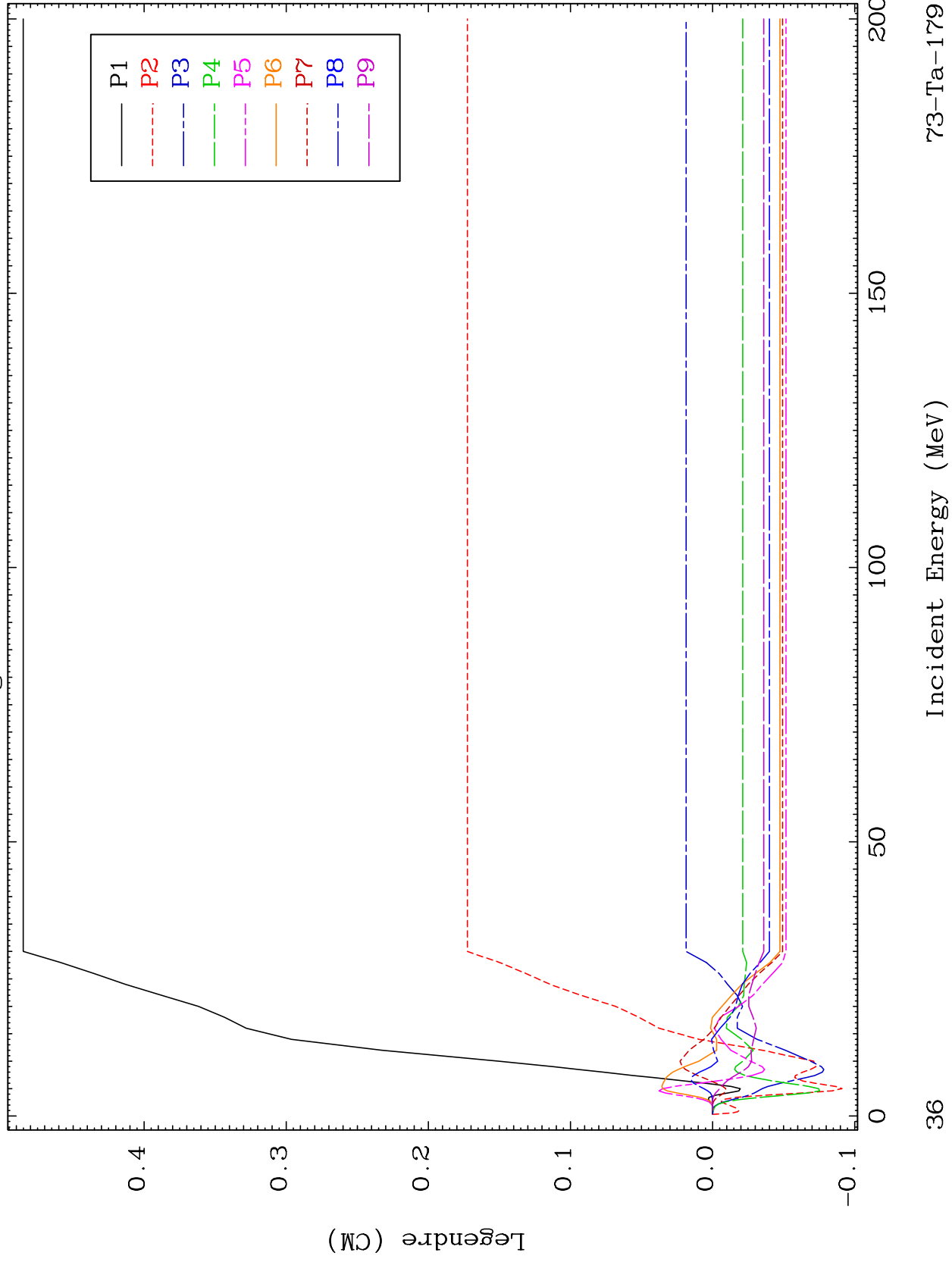
73-Ta-179



MAT 7322

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

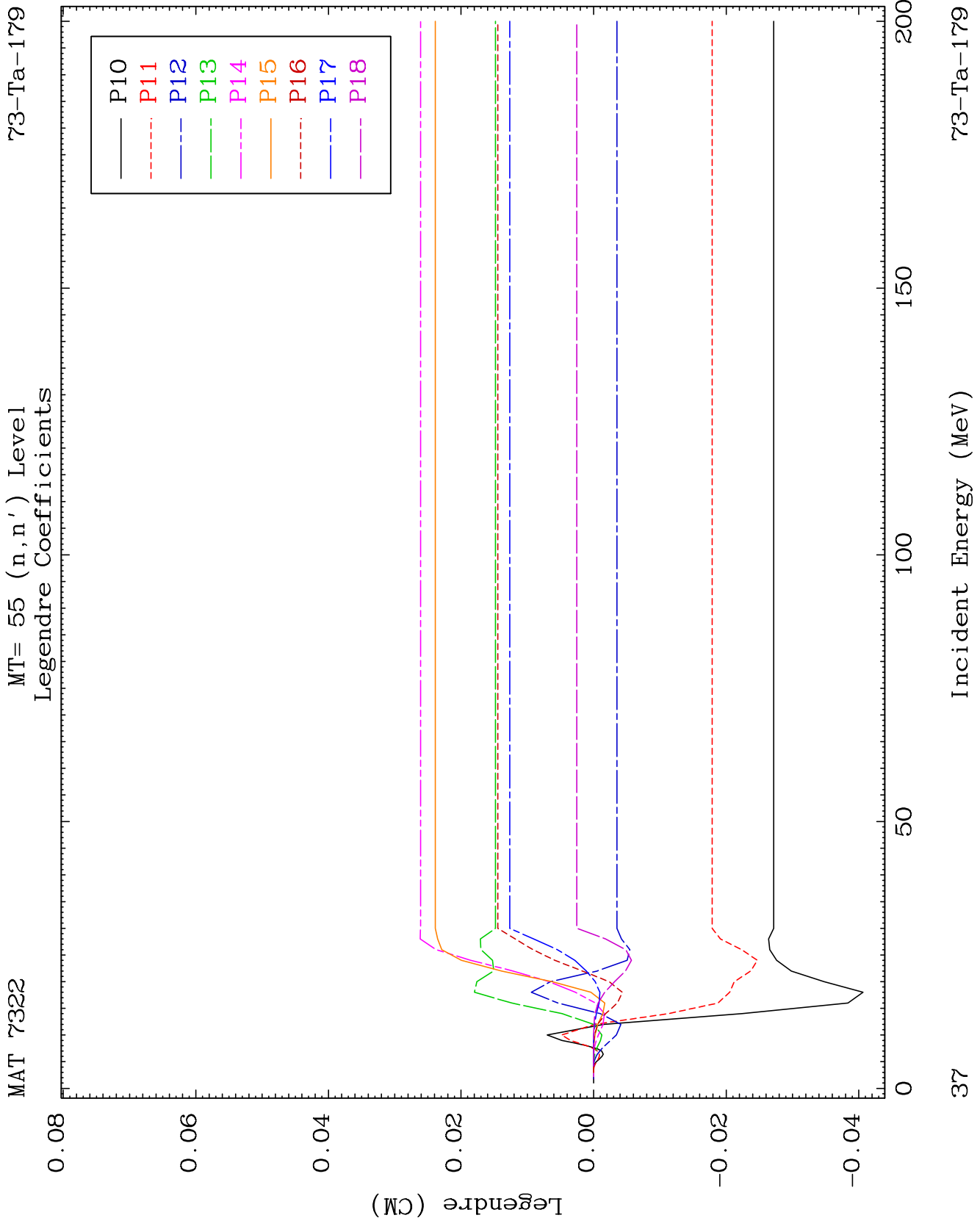
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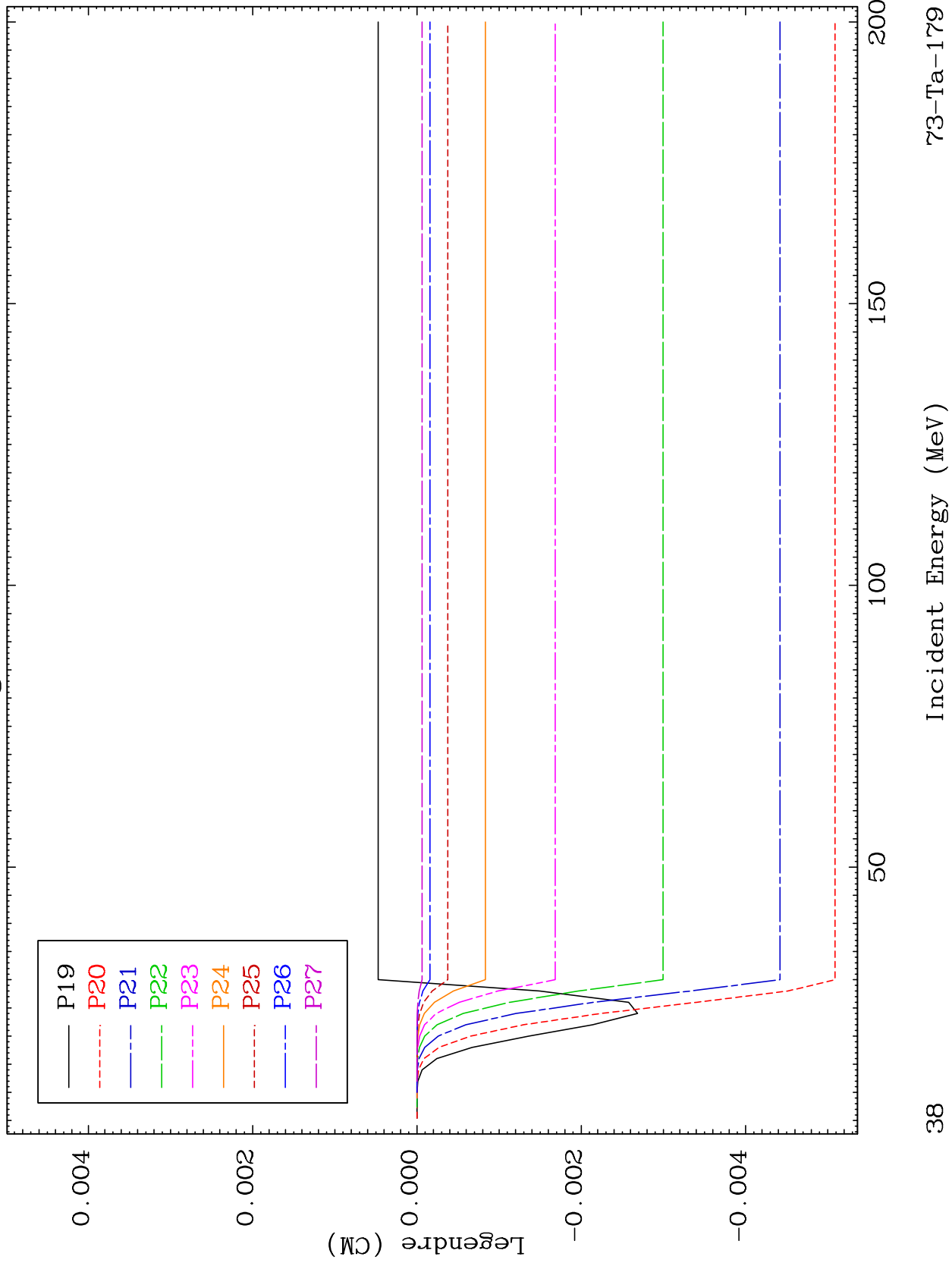


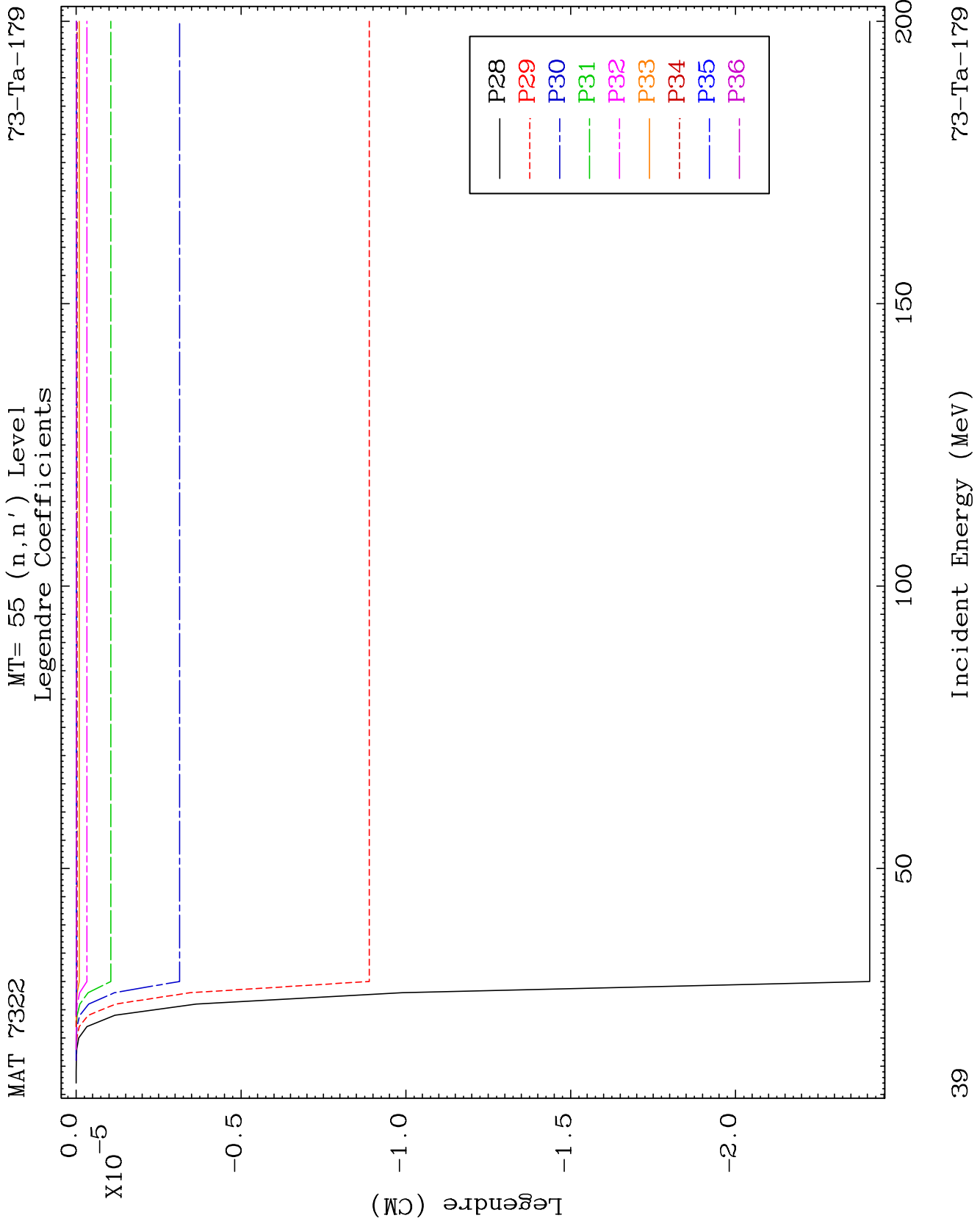
73-Ta-179

Incident Energy (MeV)

36



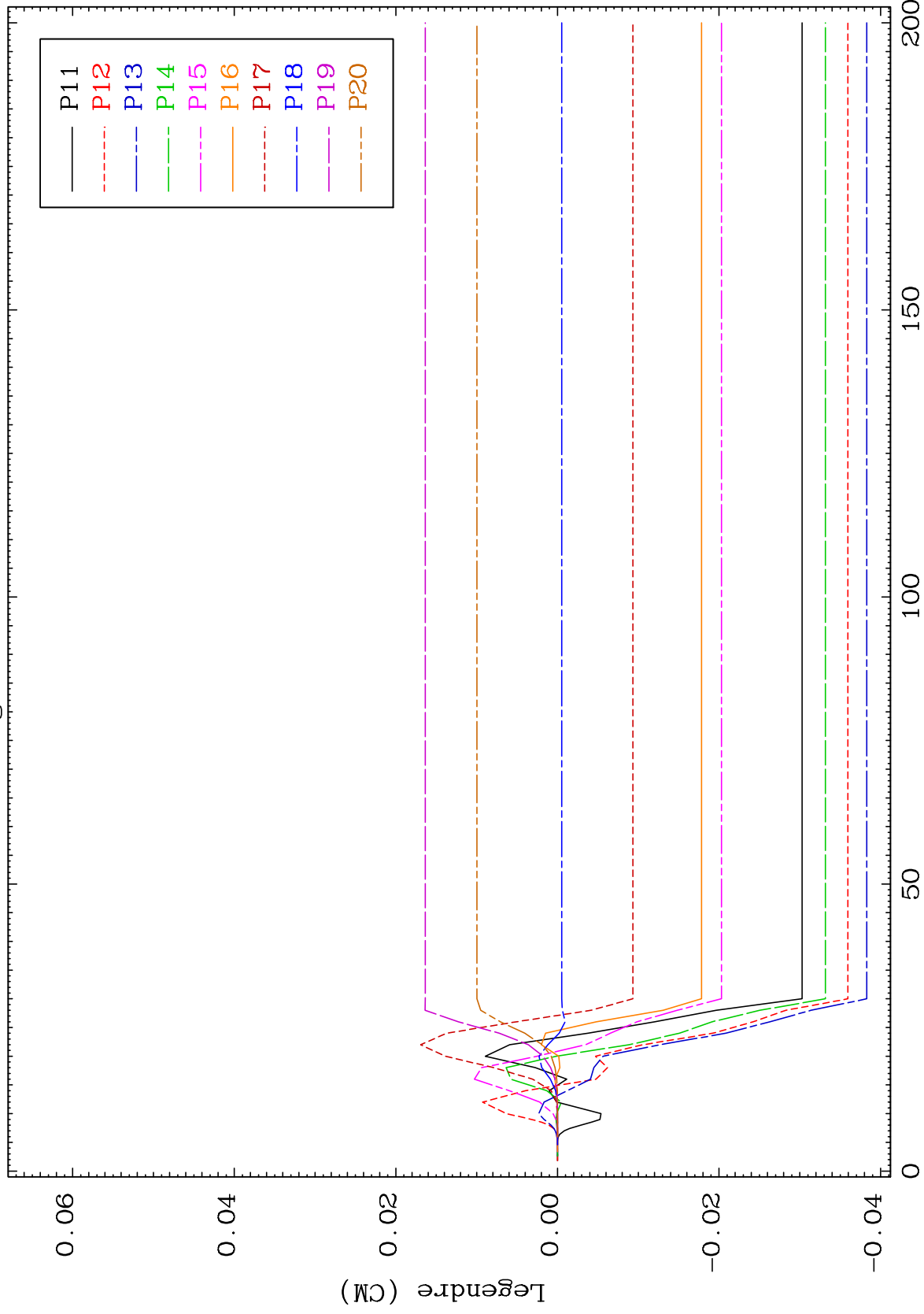




MAT 7322

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

73-Ta-179



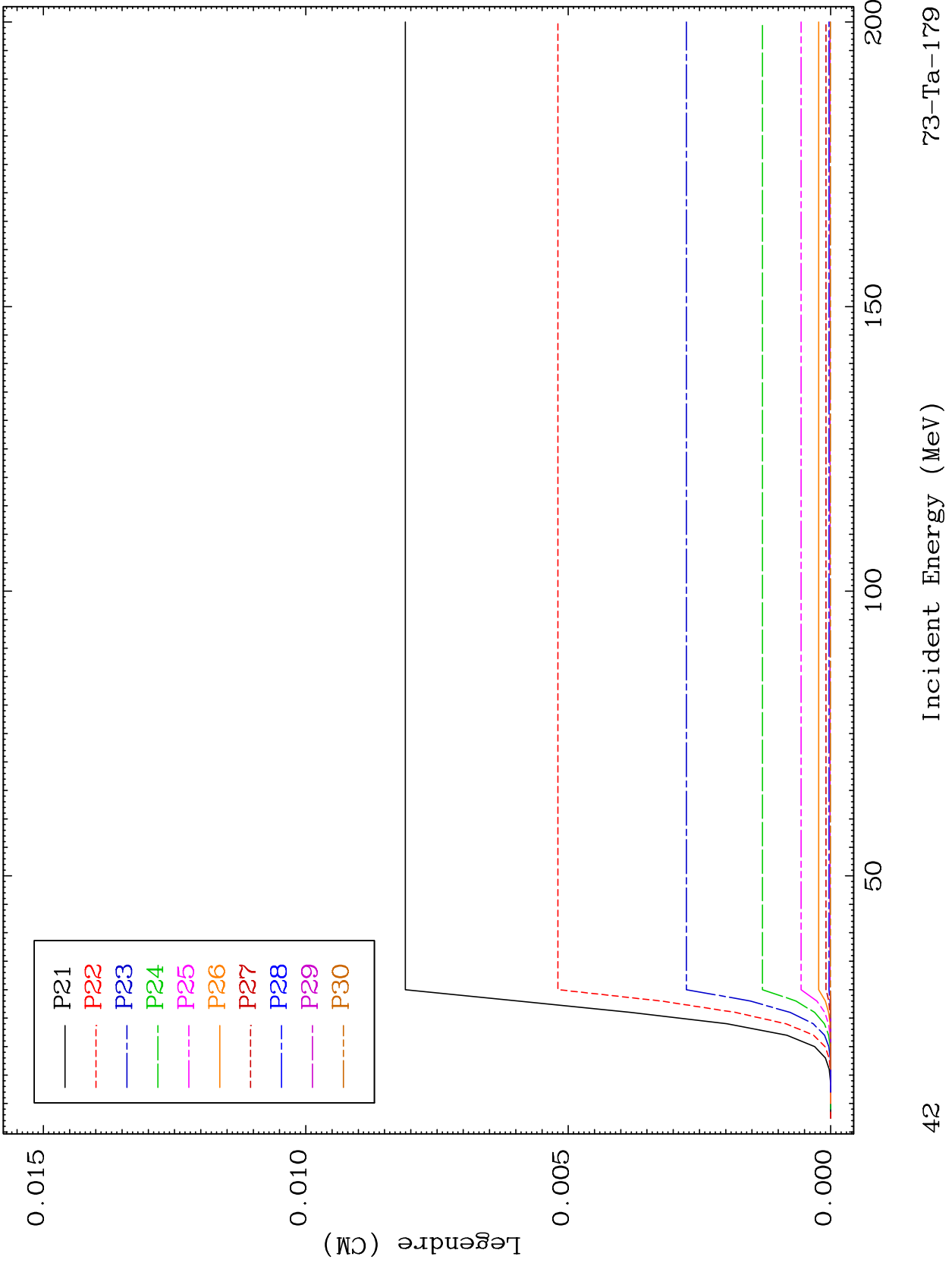
41

73-Ta-179

MAT 7322

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

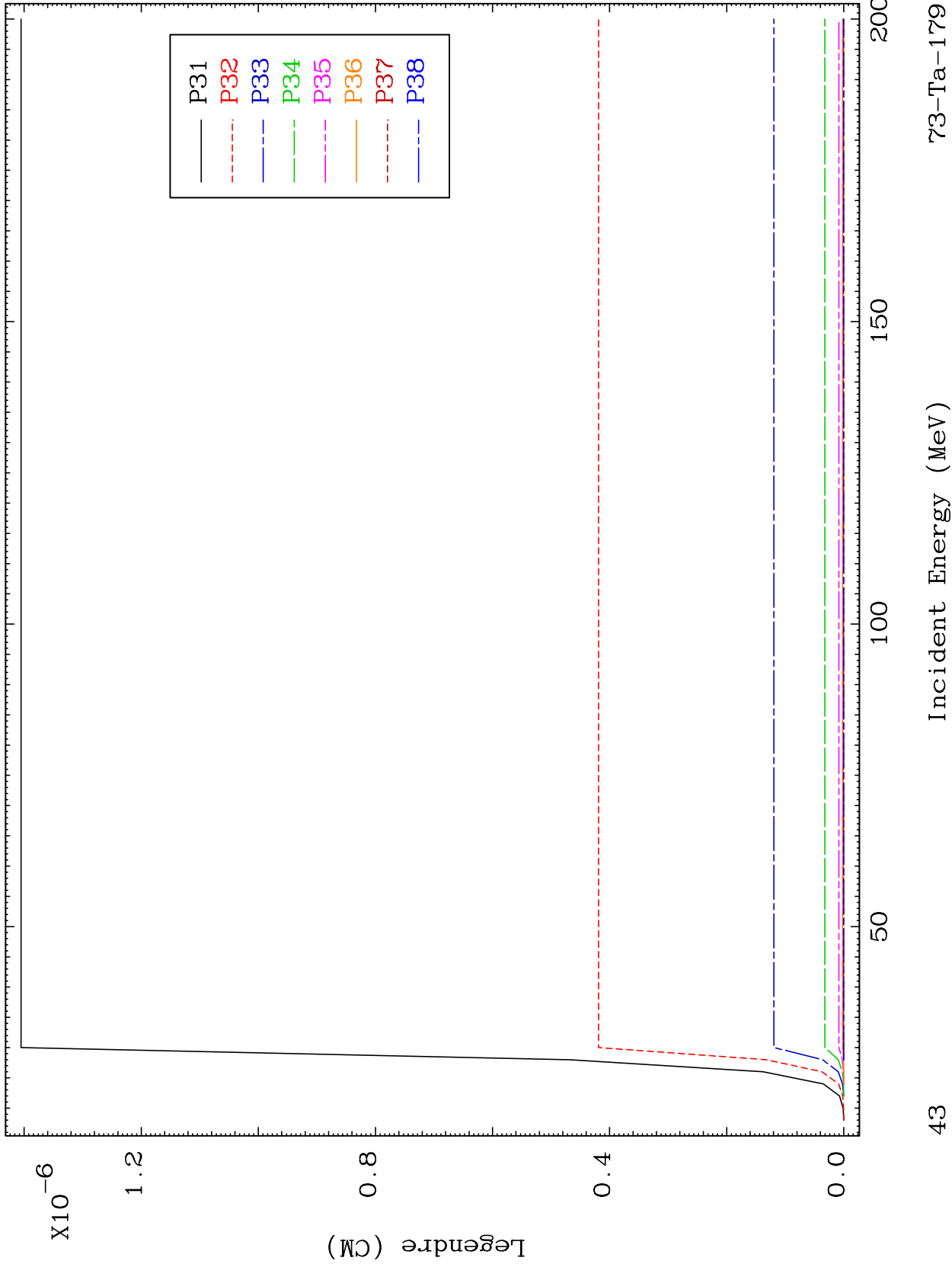
73-Ta-179



MAT 7322

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

73-Ta-179



43

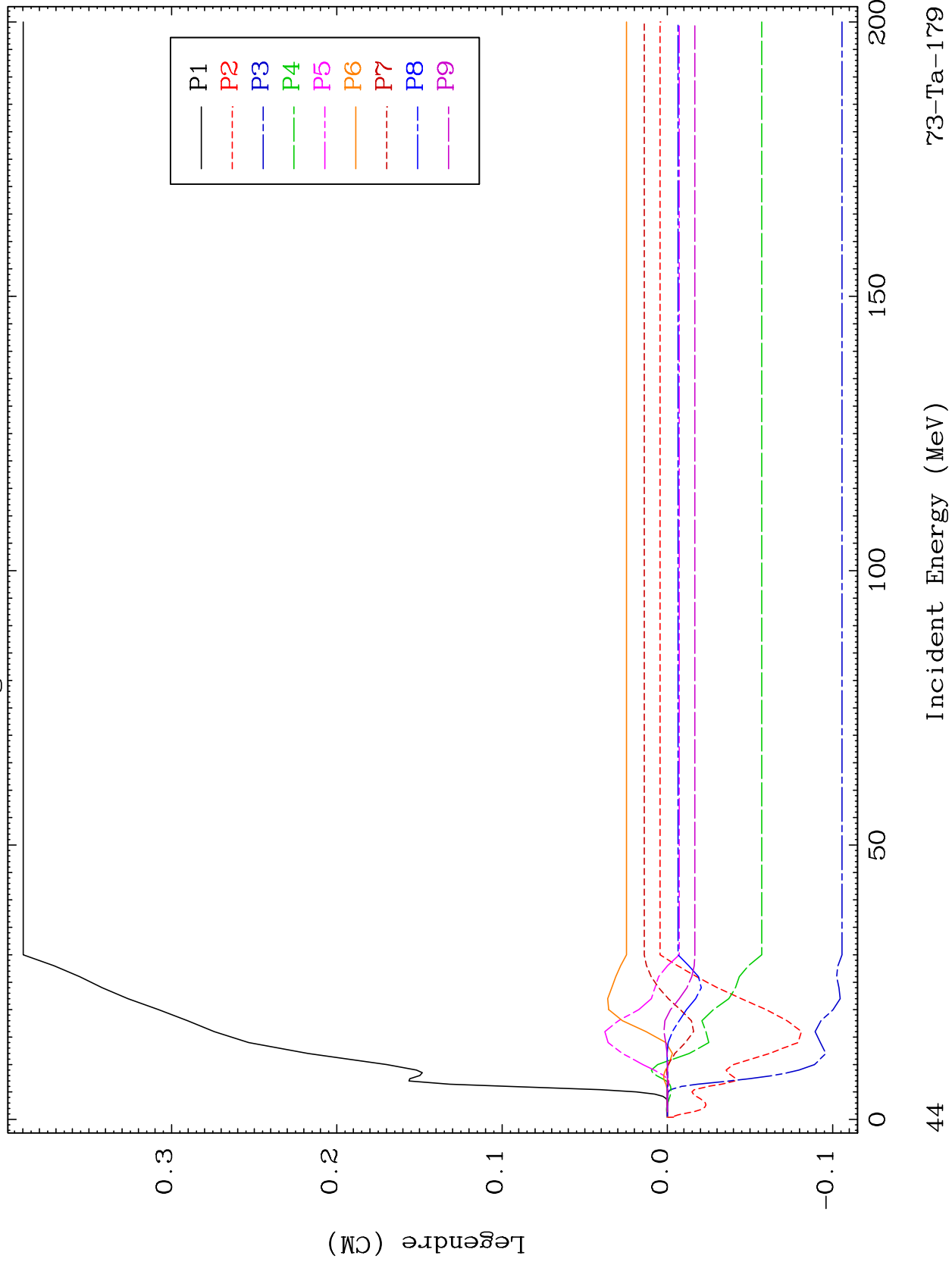
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



73-Ta-179

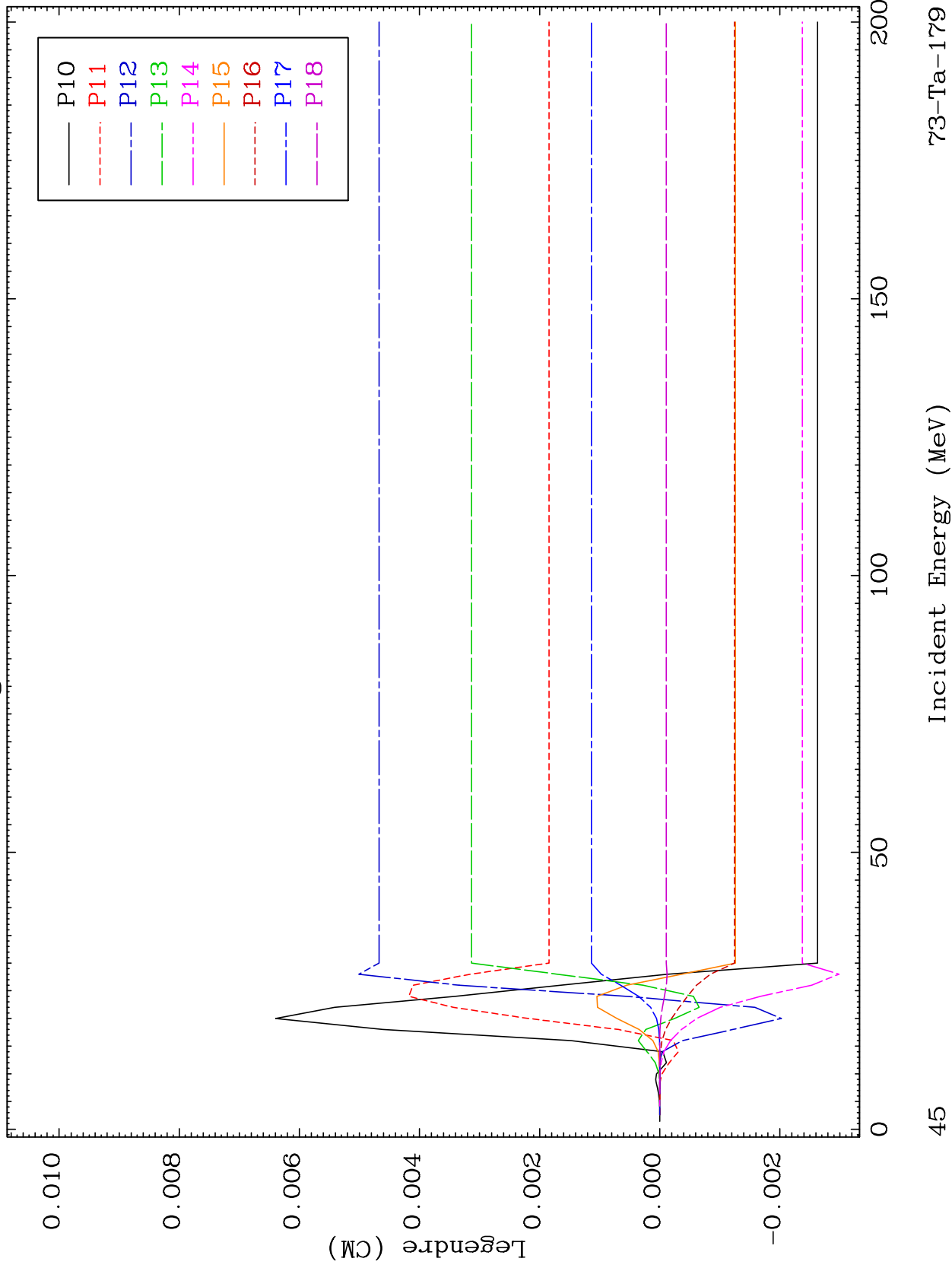
Incident Energy (MeV)

44

MAT 7322

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

73-Ta-179

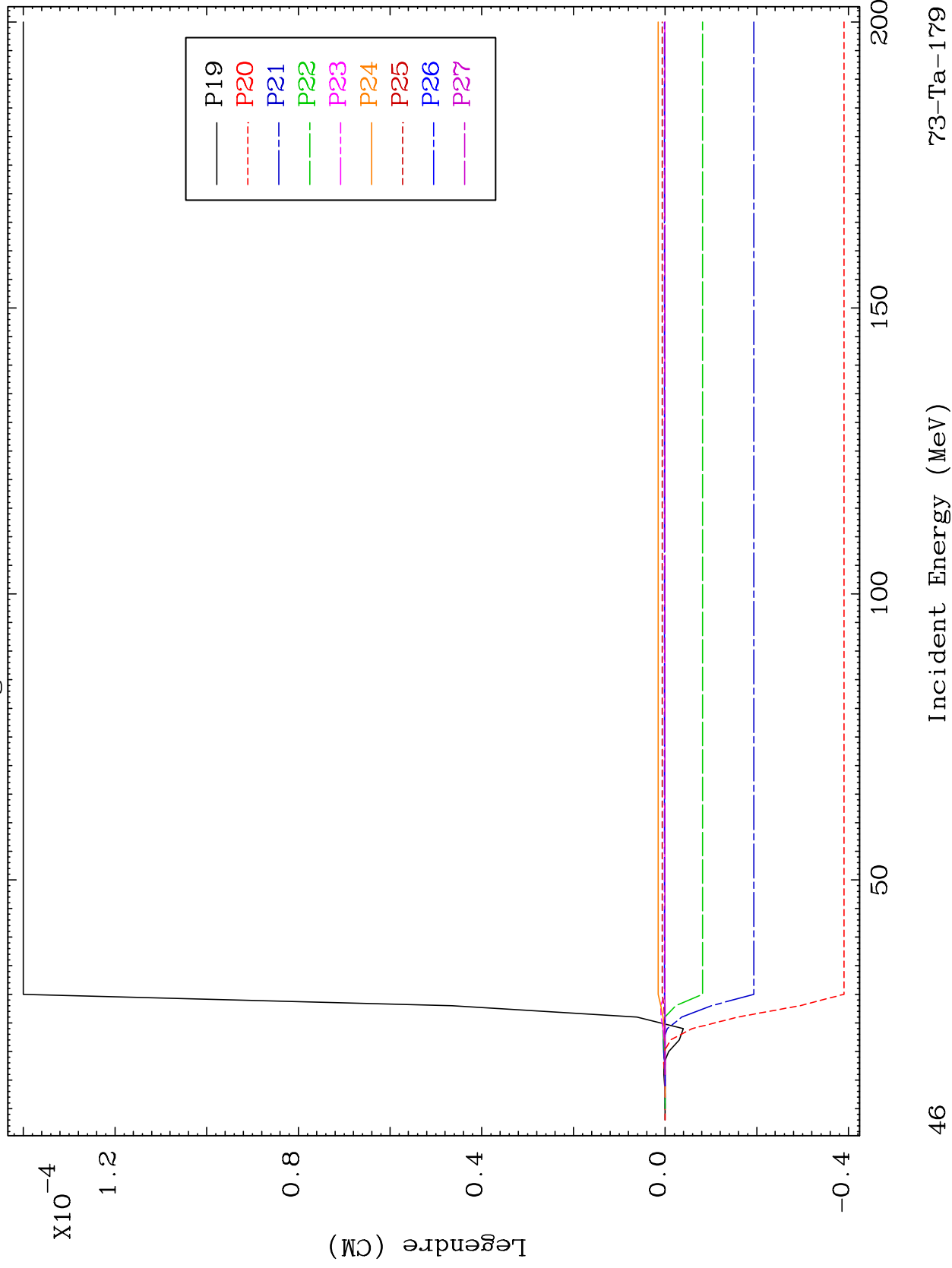


73-Ta-179

MAT 7322

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

73-Ta-179



46

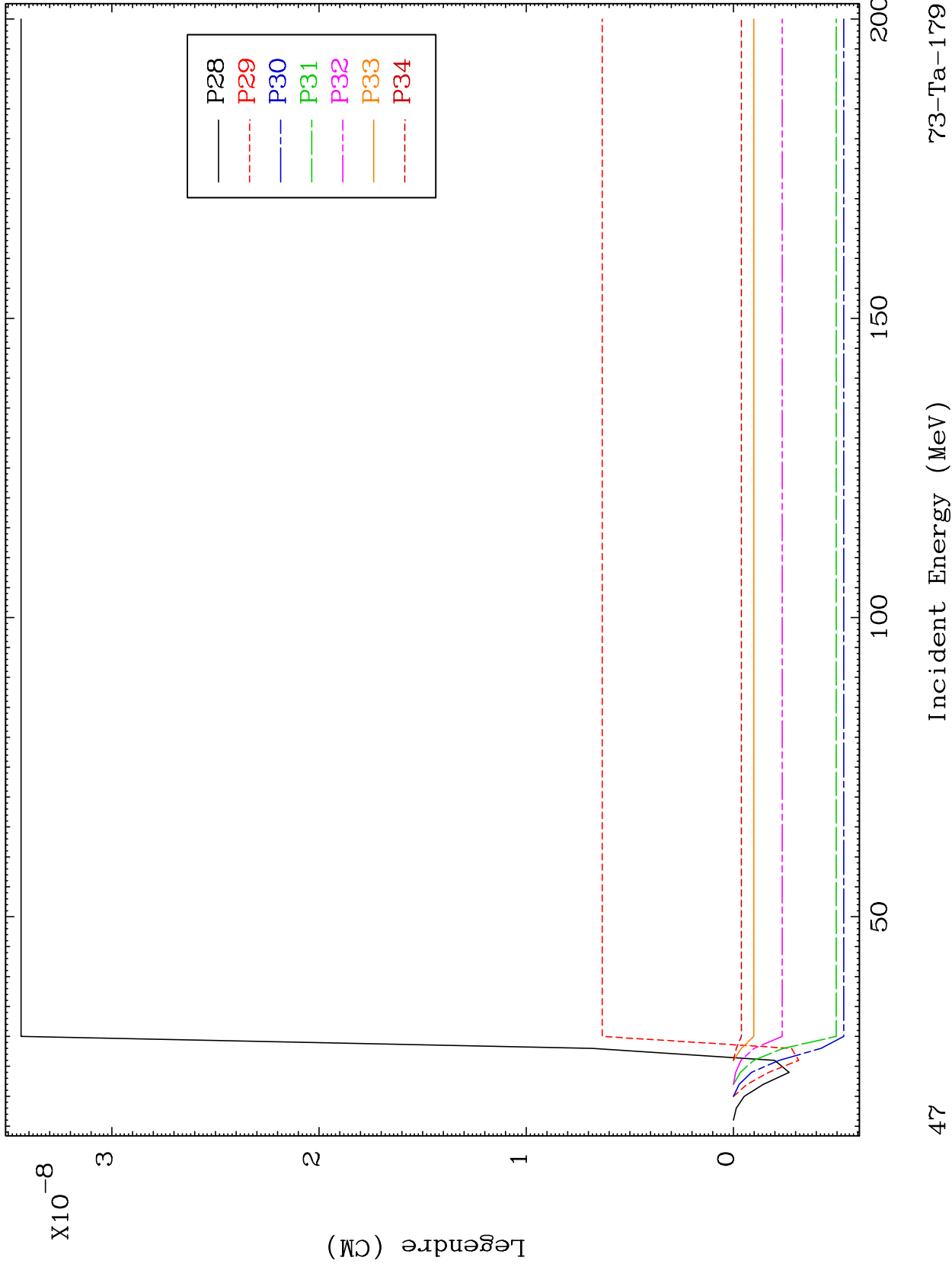
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

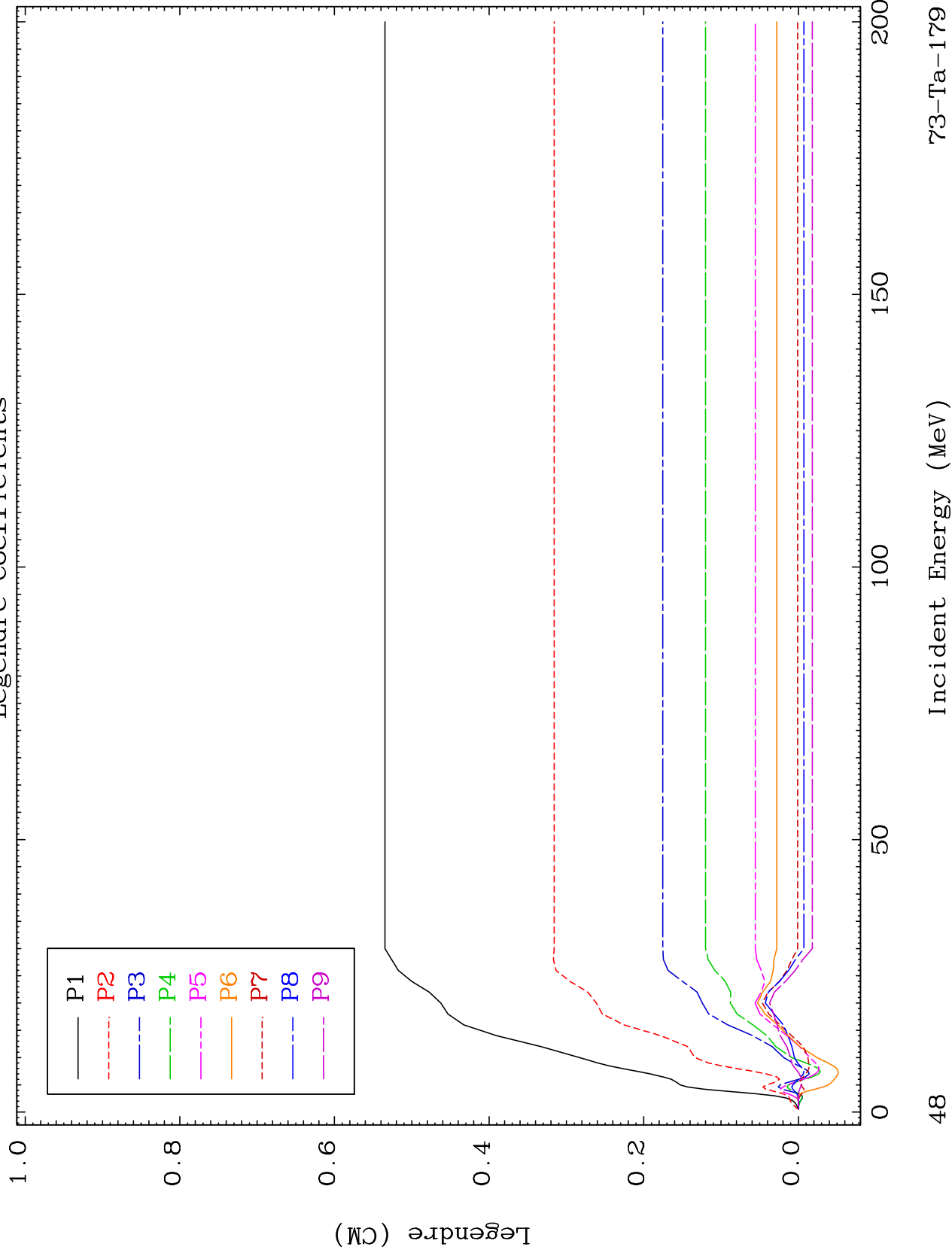
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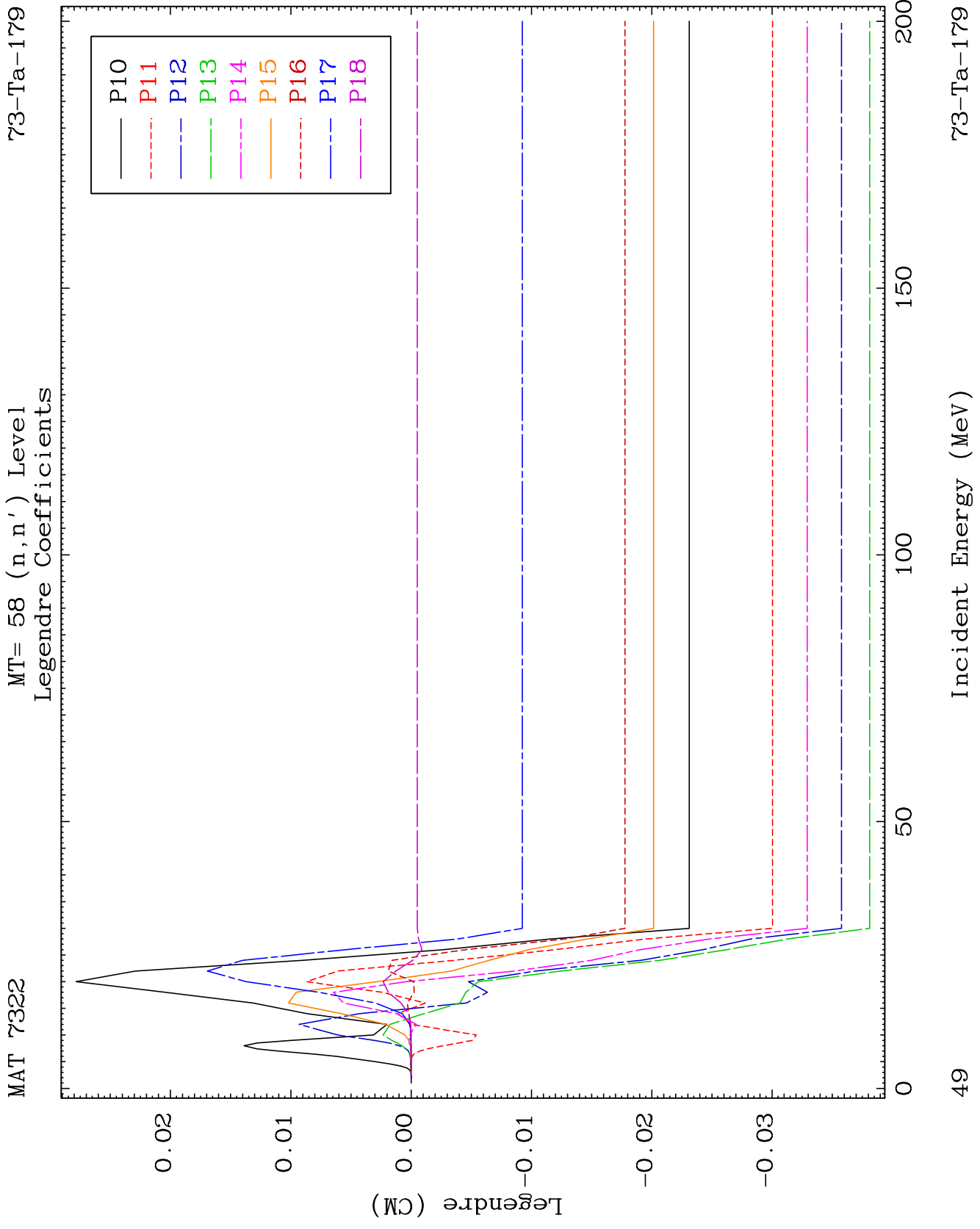


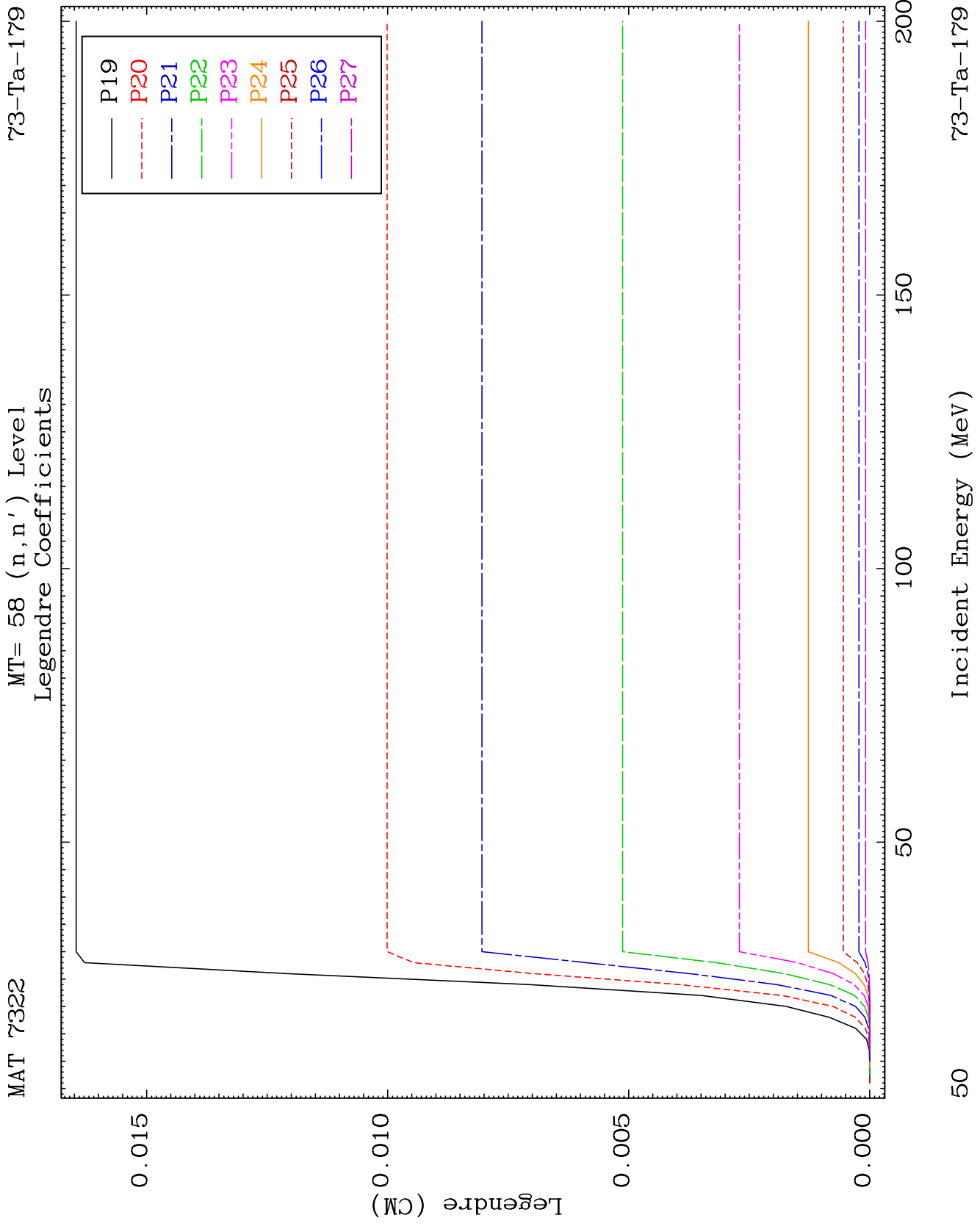
MAT 7322

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

⁷³Ta-179



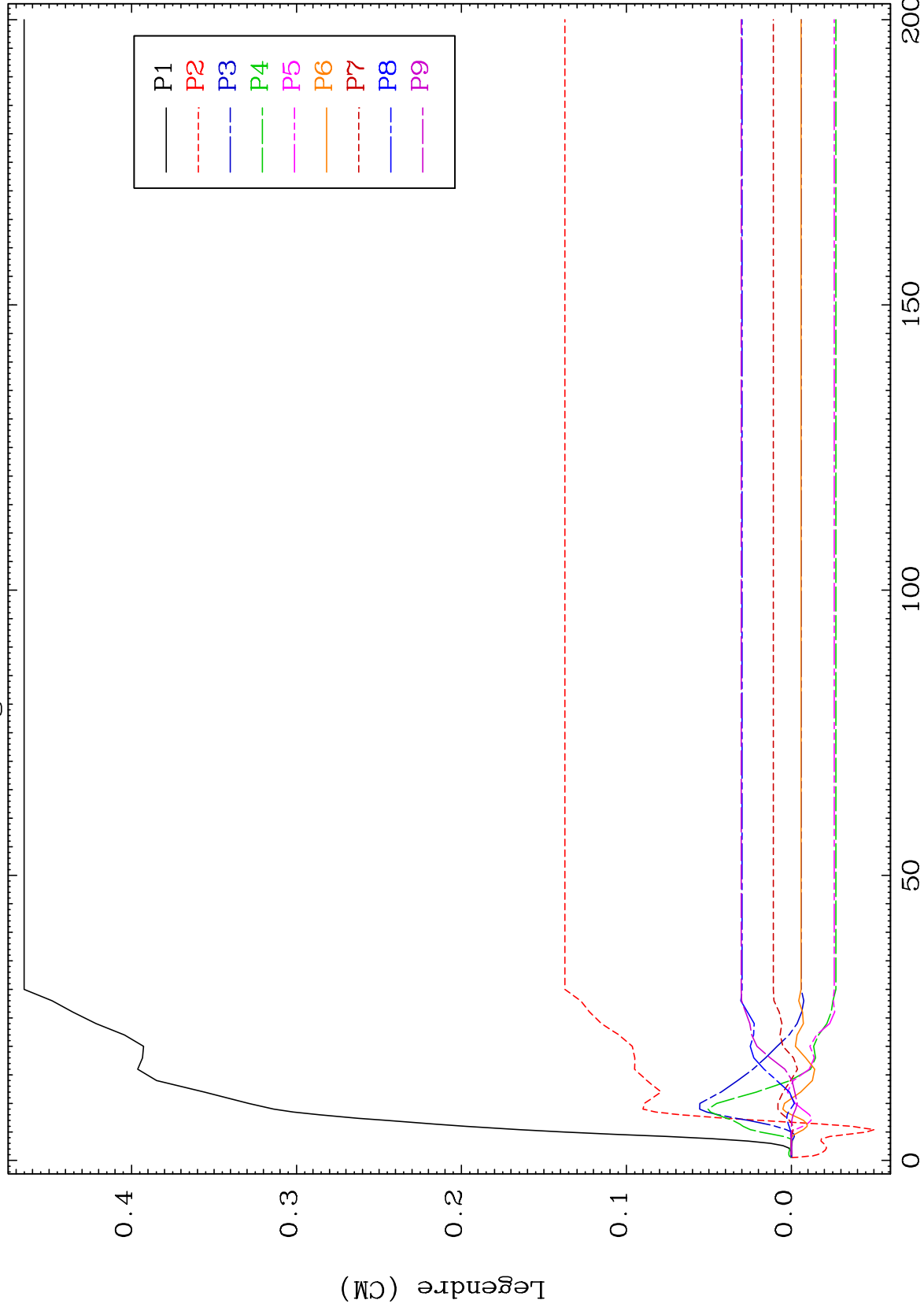




MAT 7322

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

73-Ta-179



52

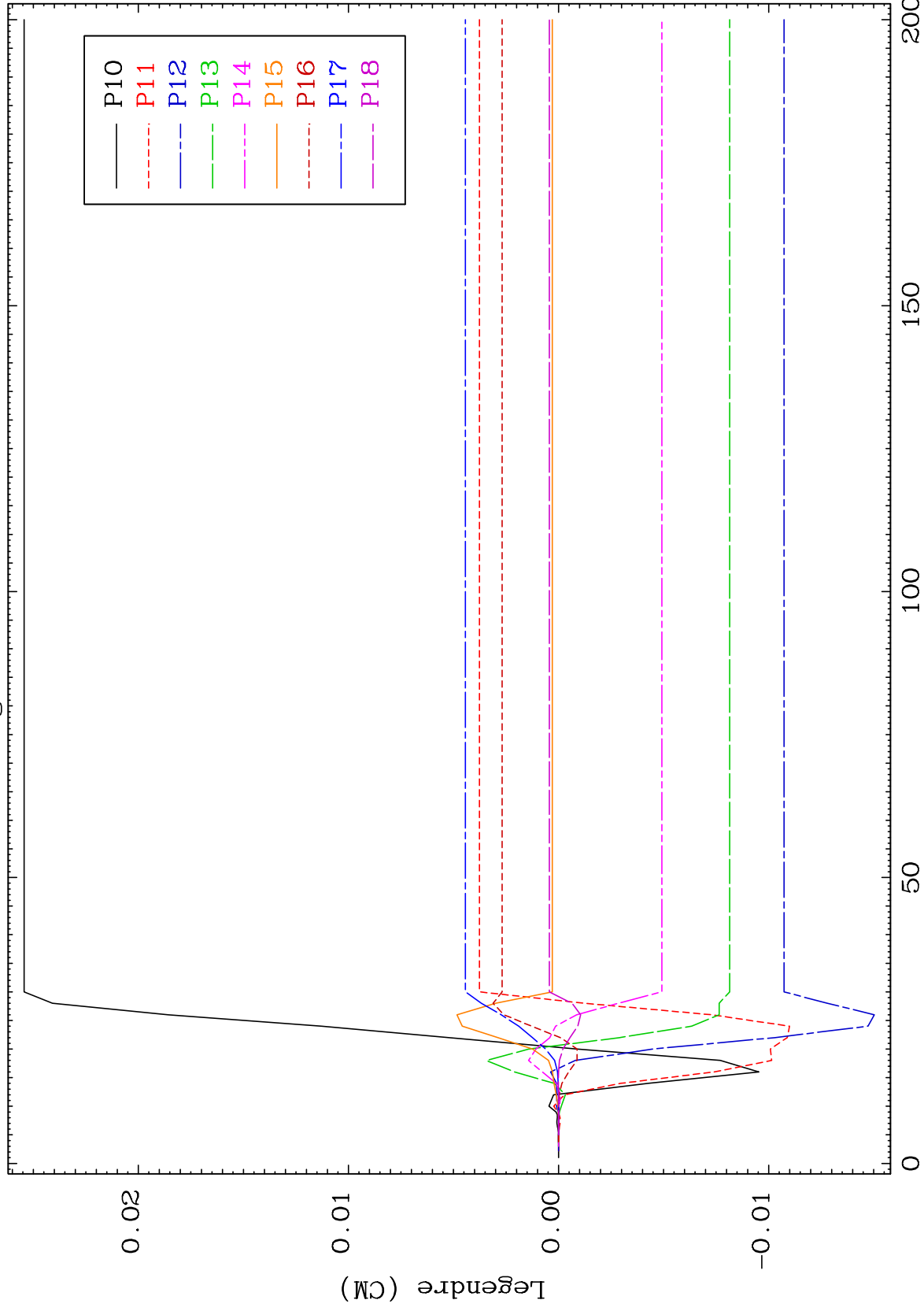
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

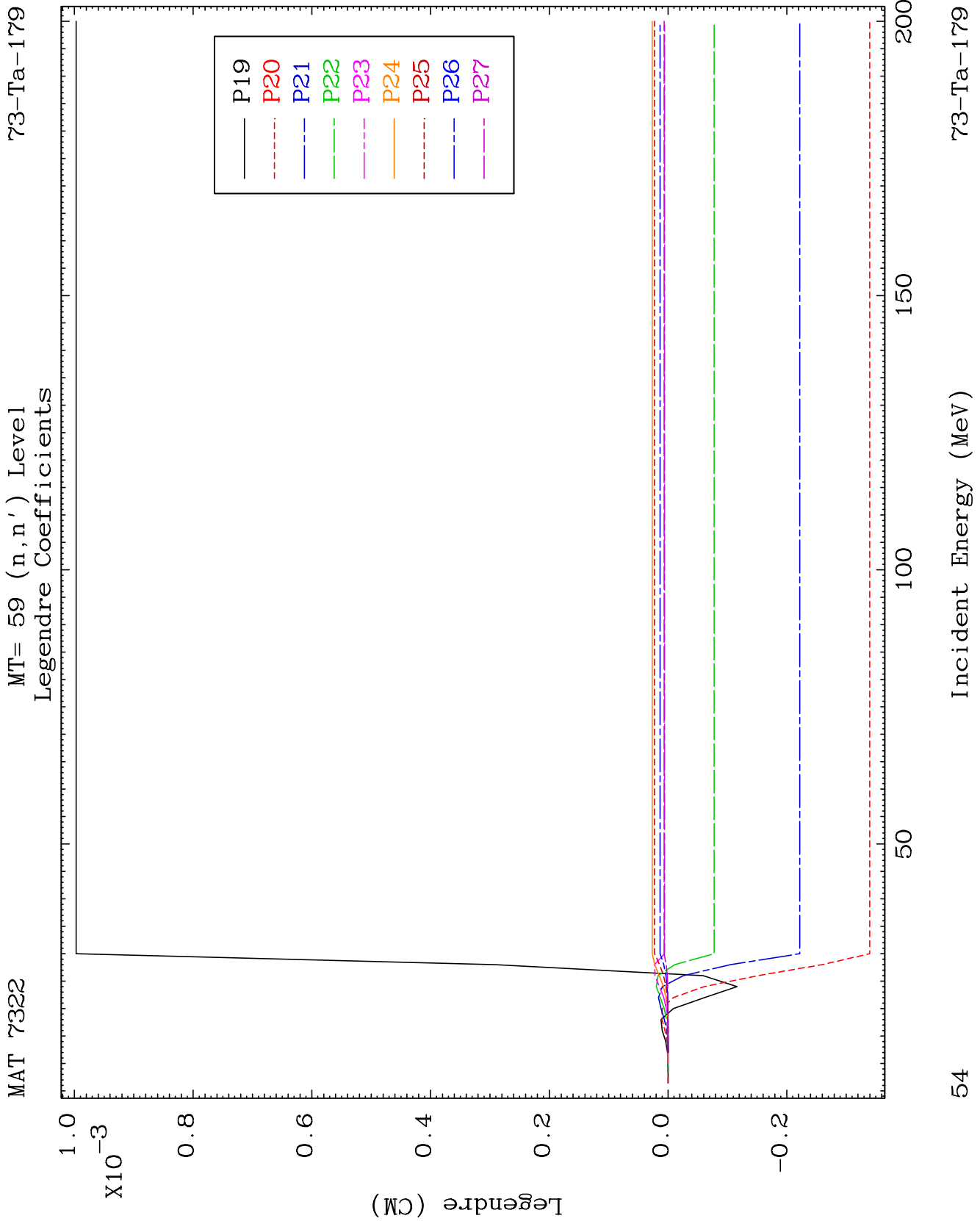
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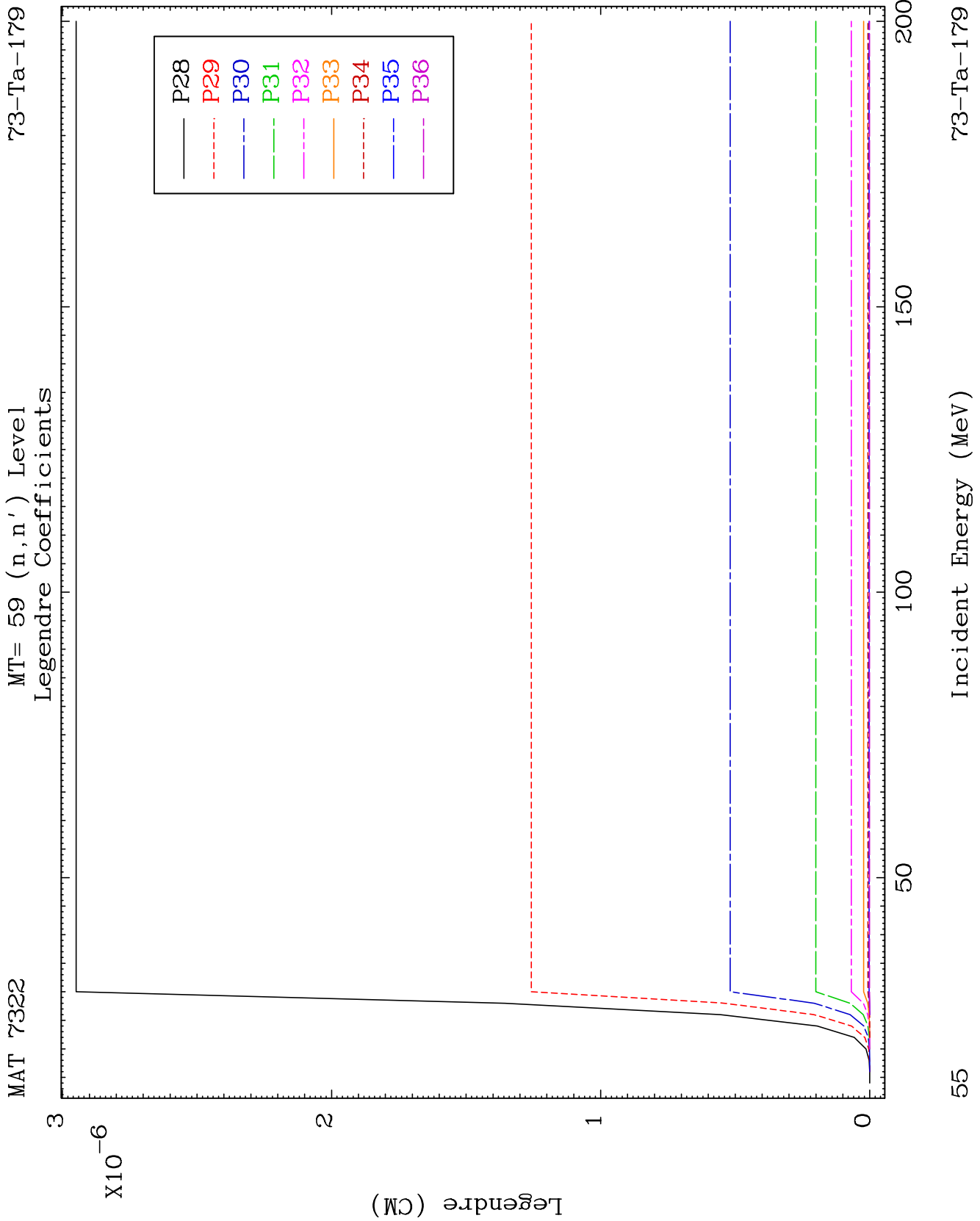


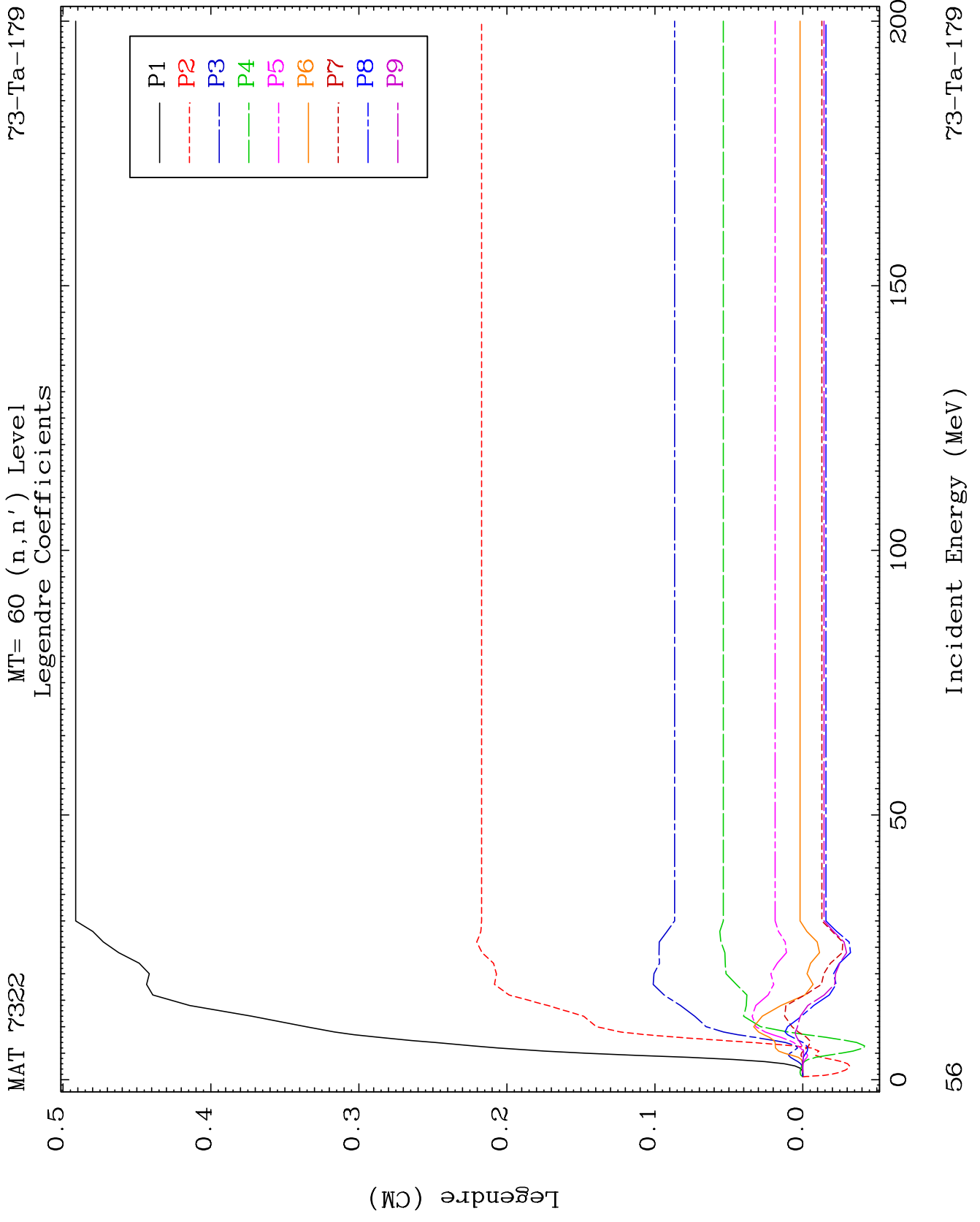
53

Incident Energy (MeV)

73-Ta-179



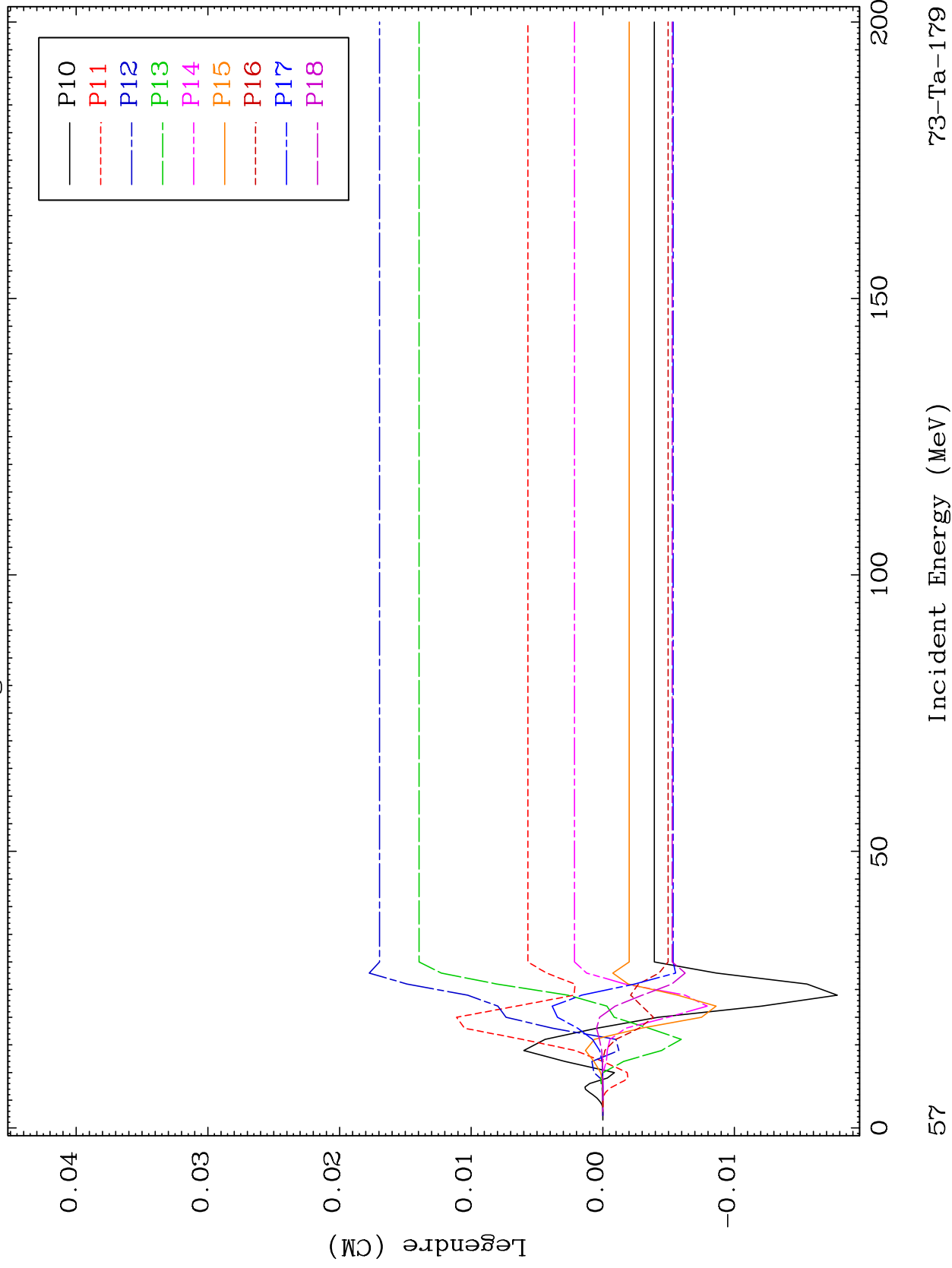




MAT 7322

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

73-Ta-179



73-Ta-179

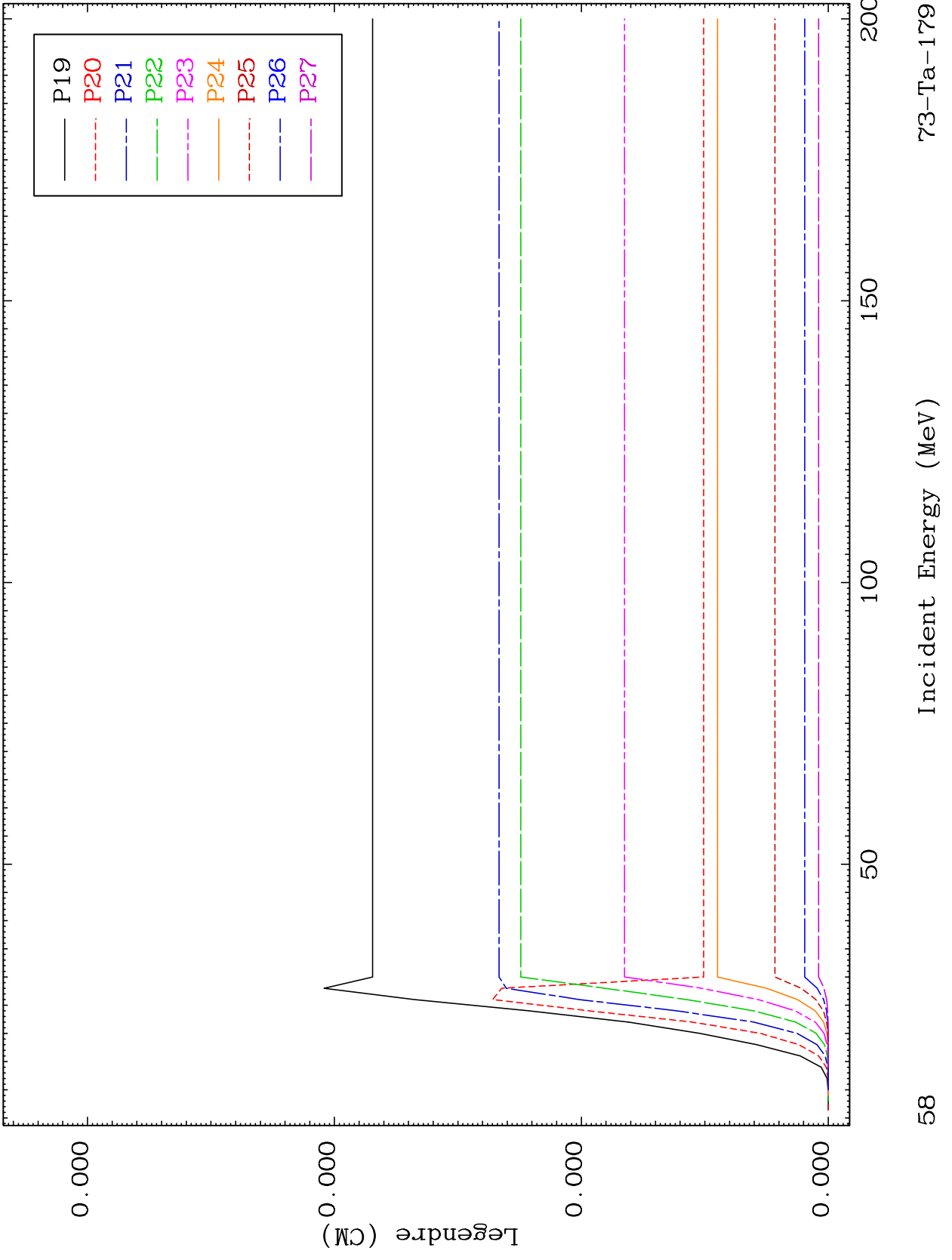
Incident Energy (MeV)

57

MAT 7322

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

73-Ta-179



58

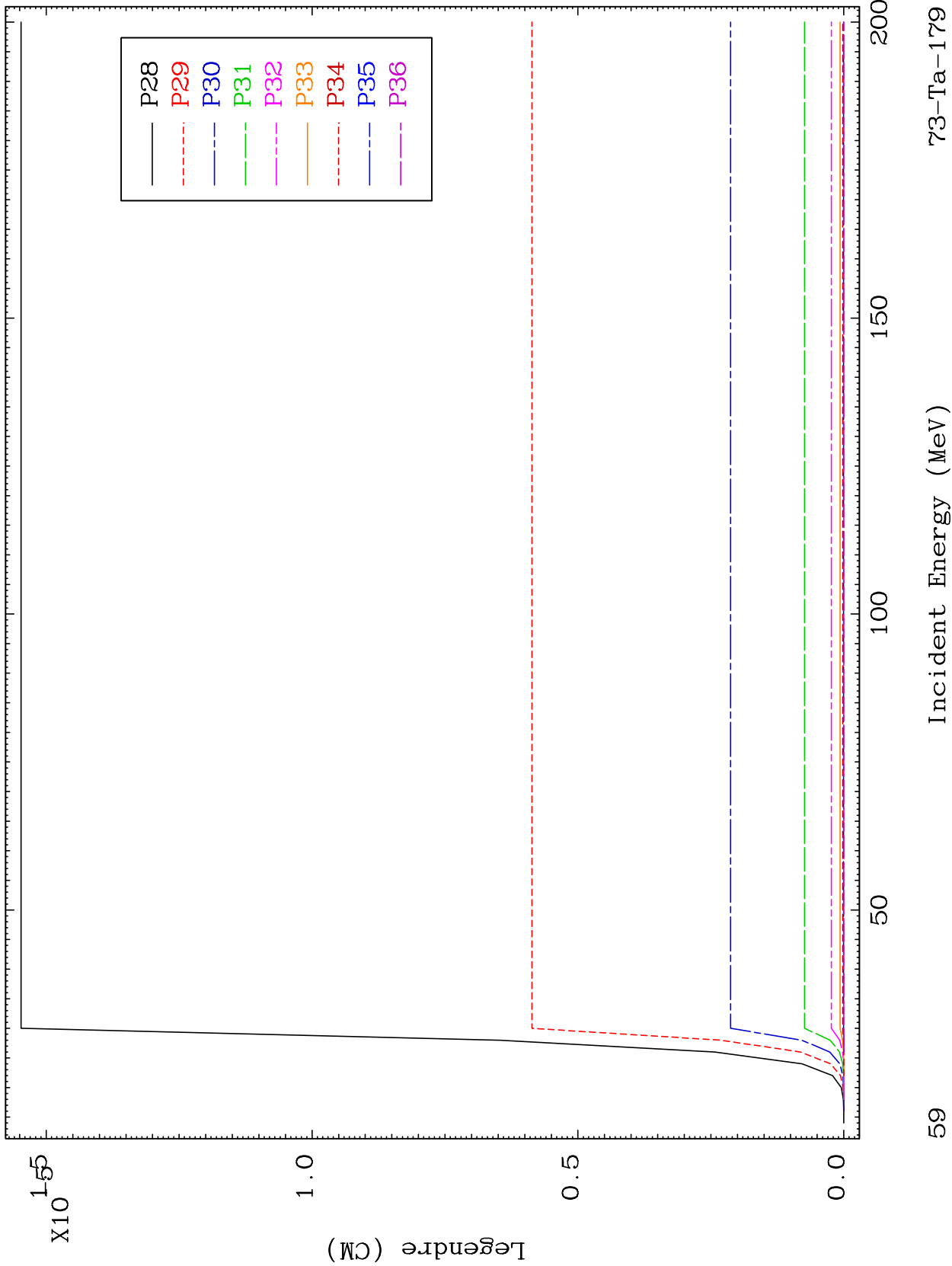
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



59

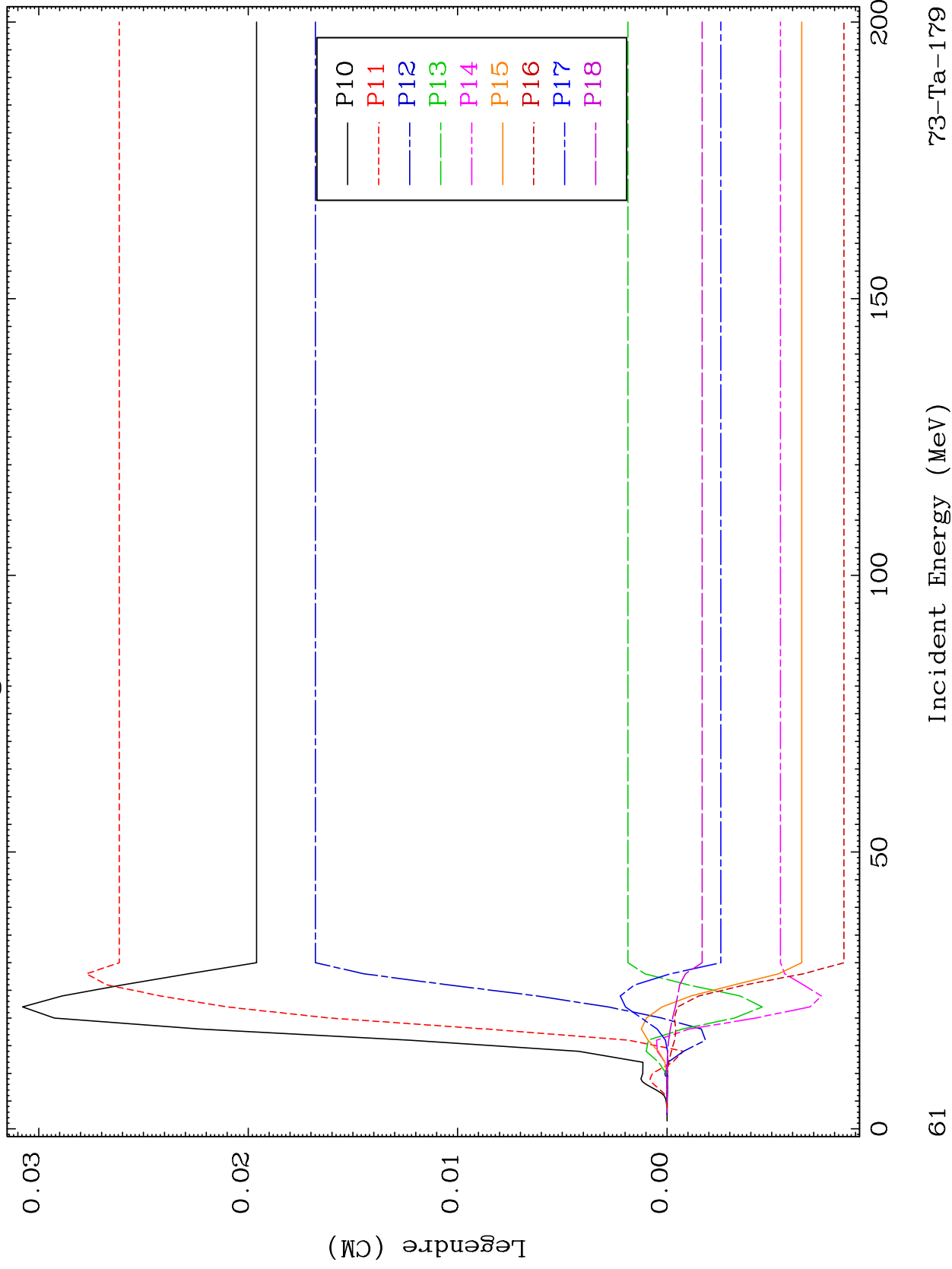
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

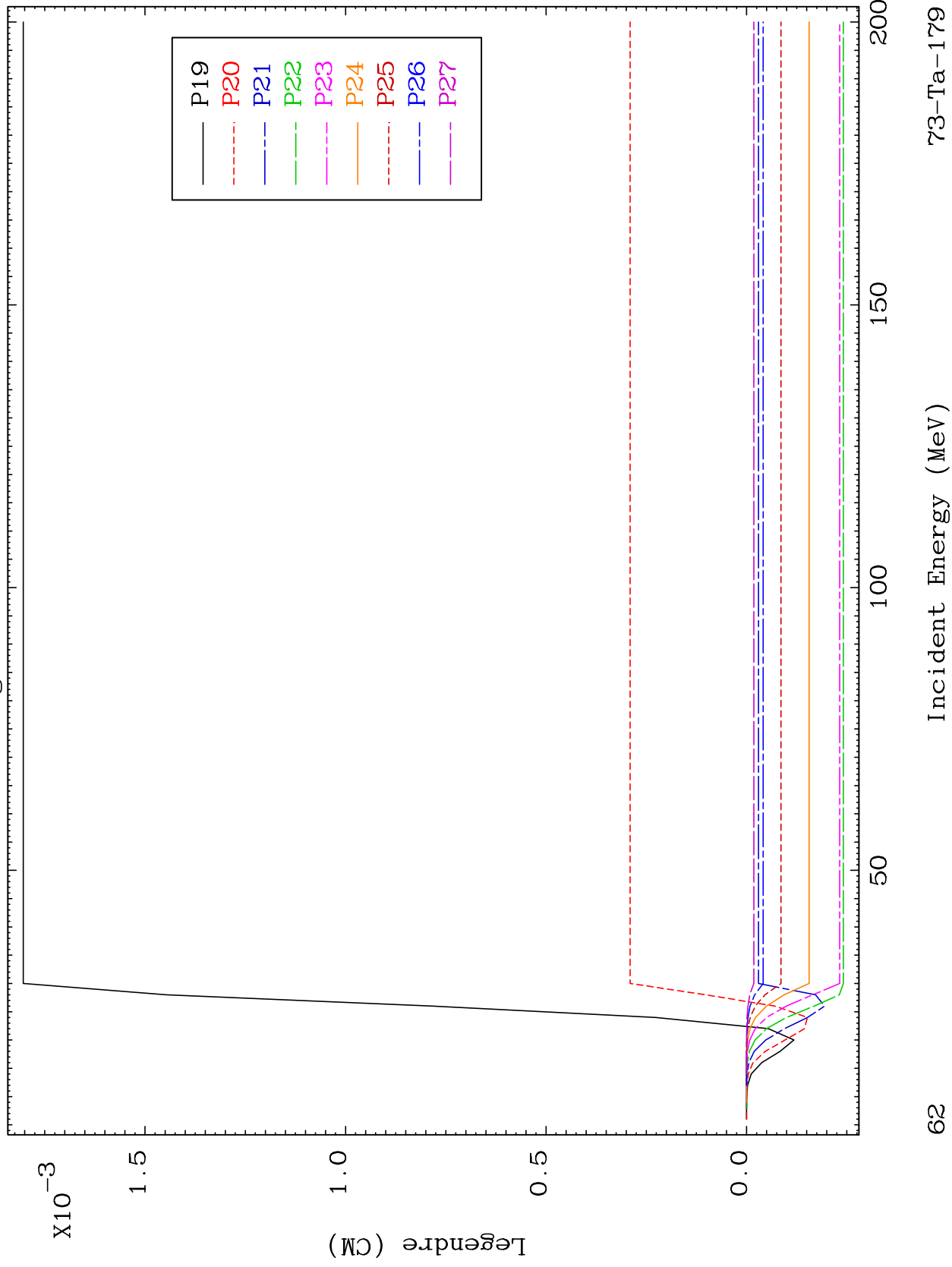
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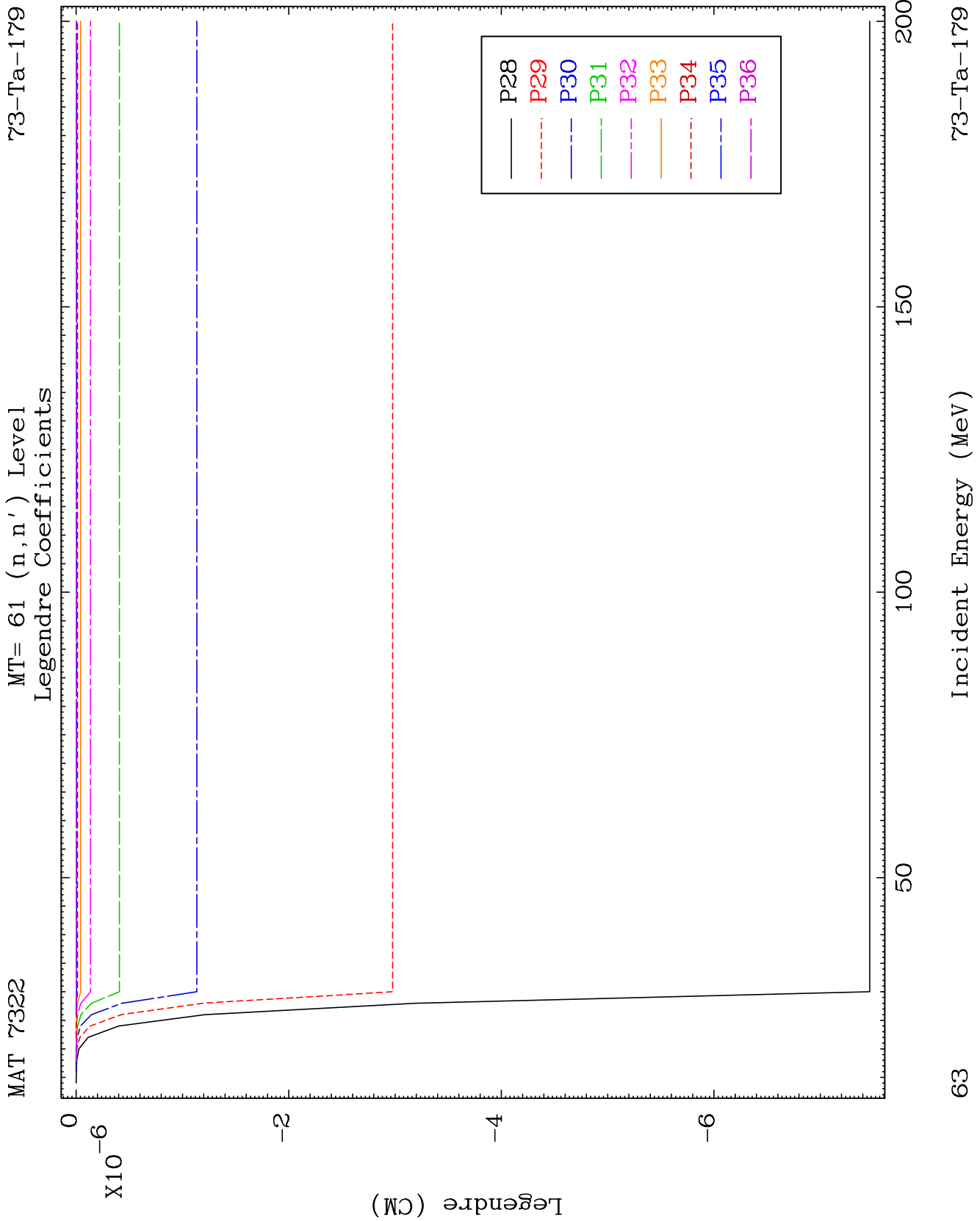
MAT 7322

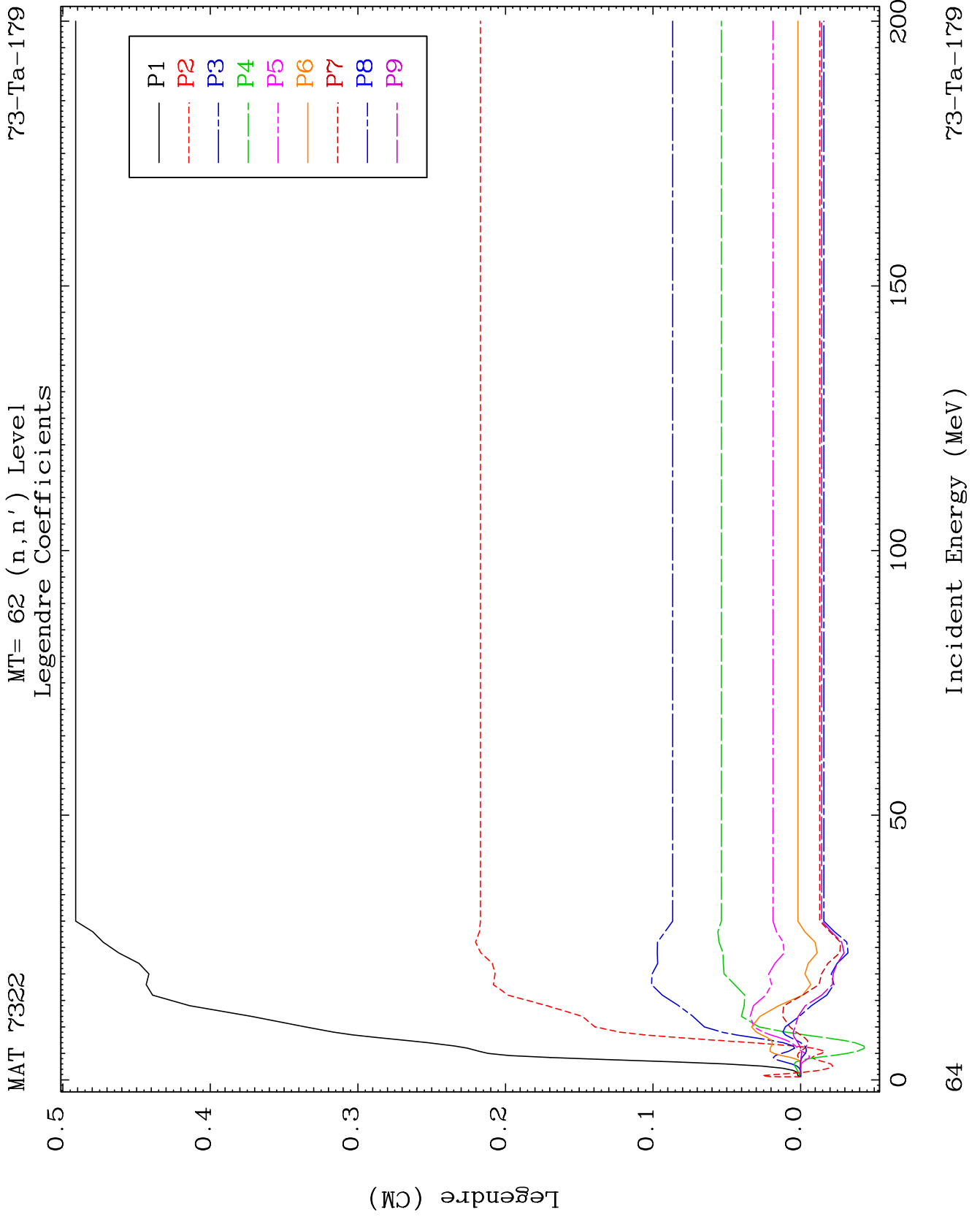
MT= 61 (n,n') Level
Legendre Coefficients

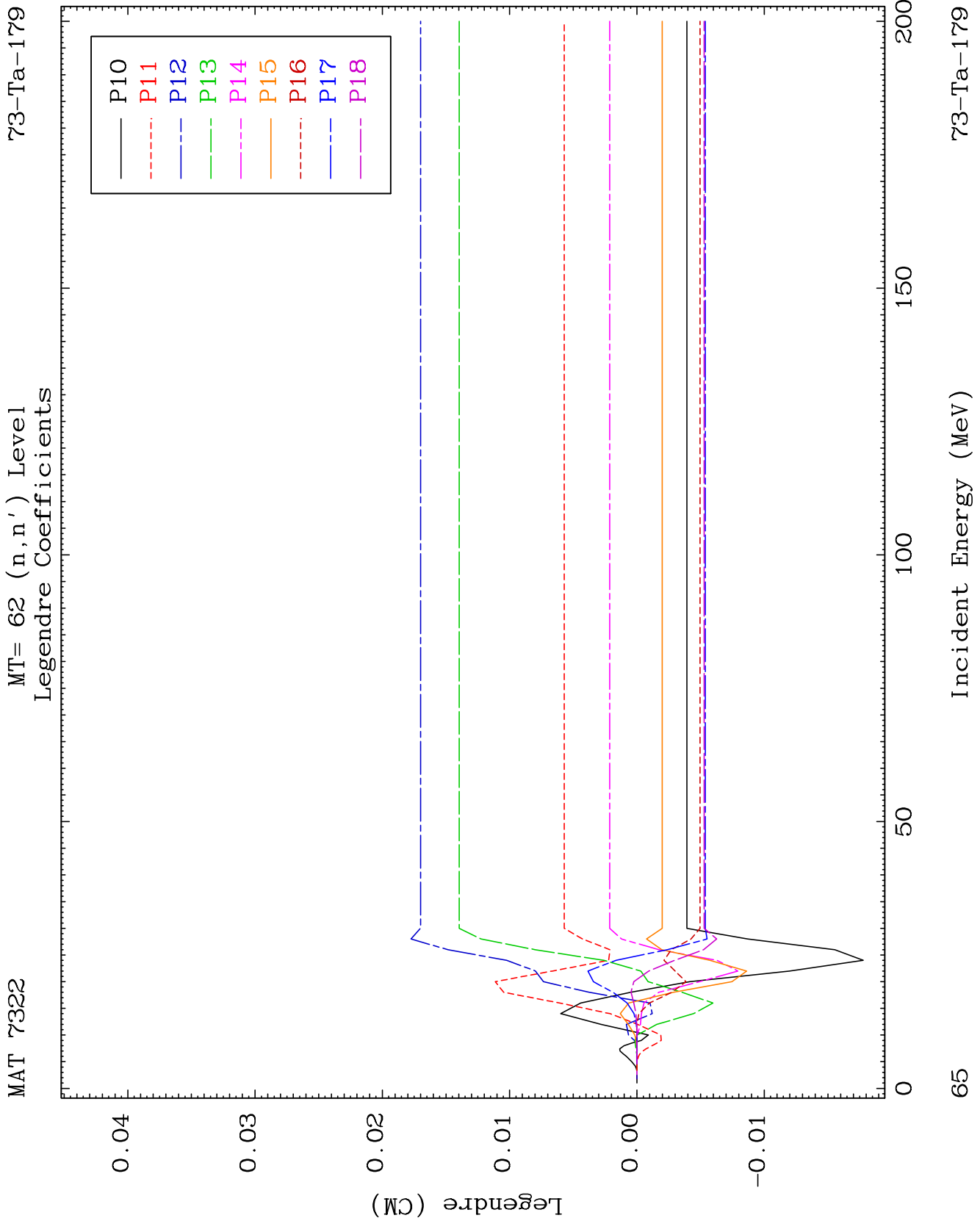
73-Ta-179



62



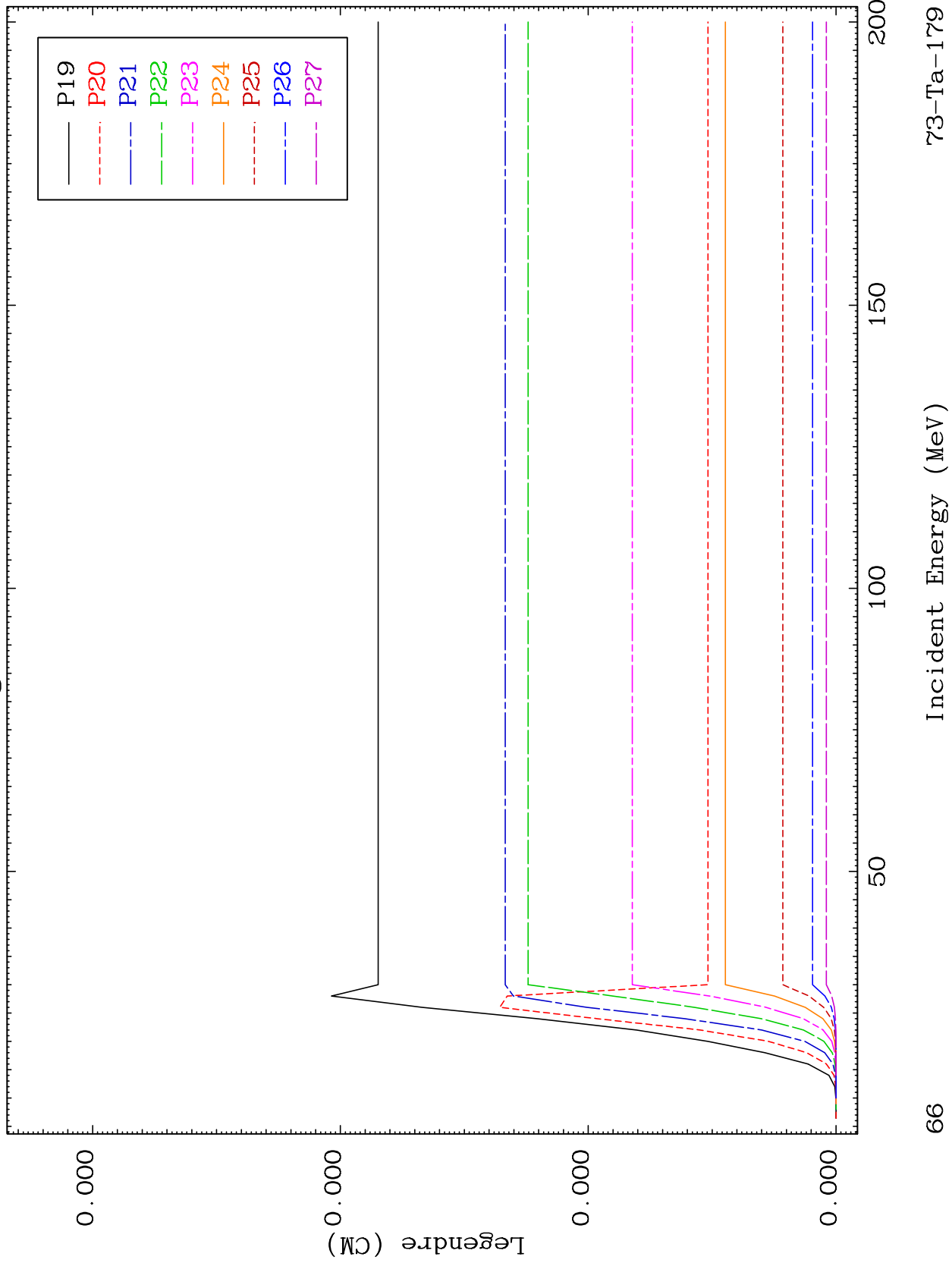




MAT 7322

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

73-Ta-179



66

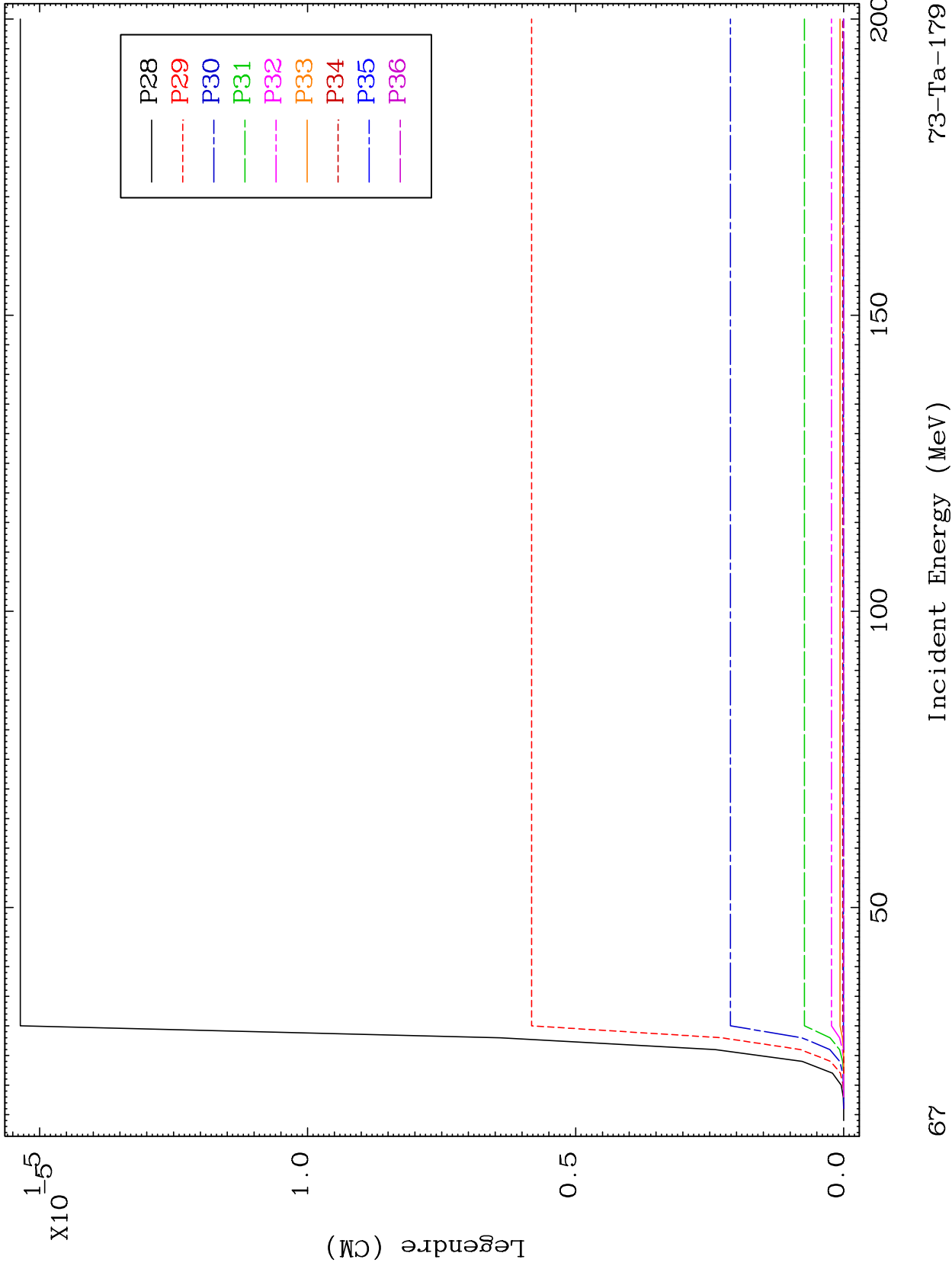
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



67

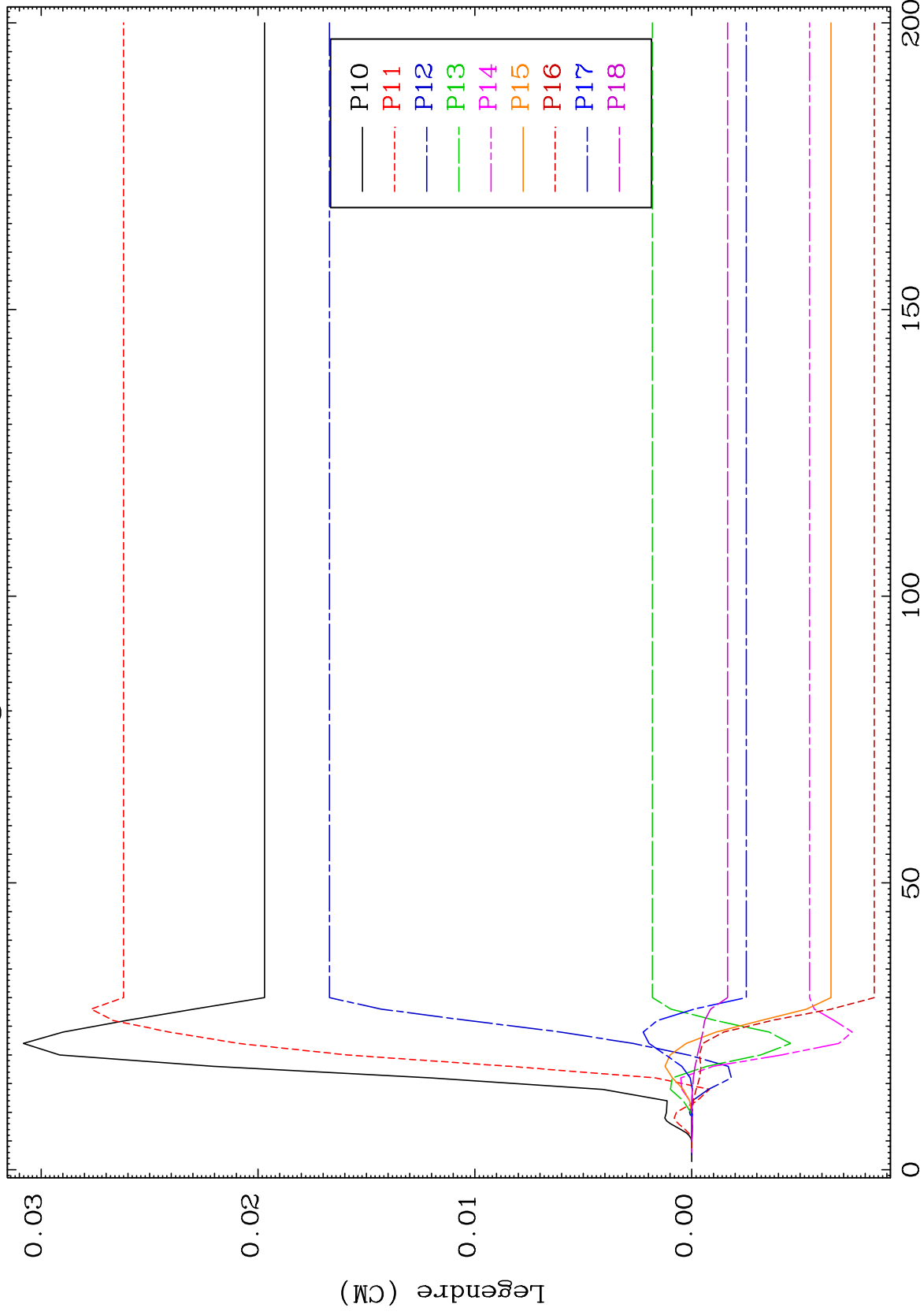
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



69

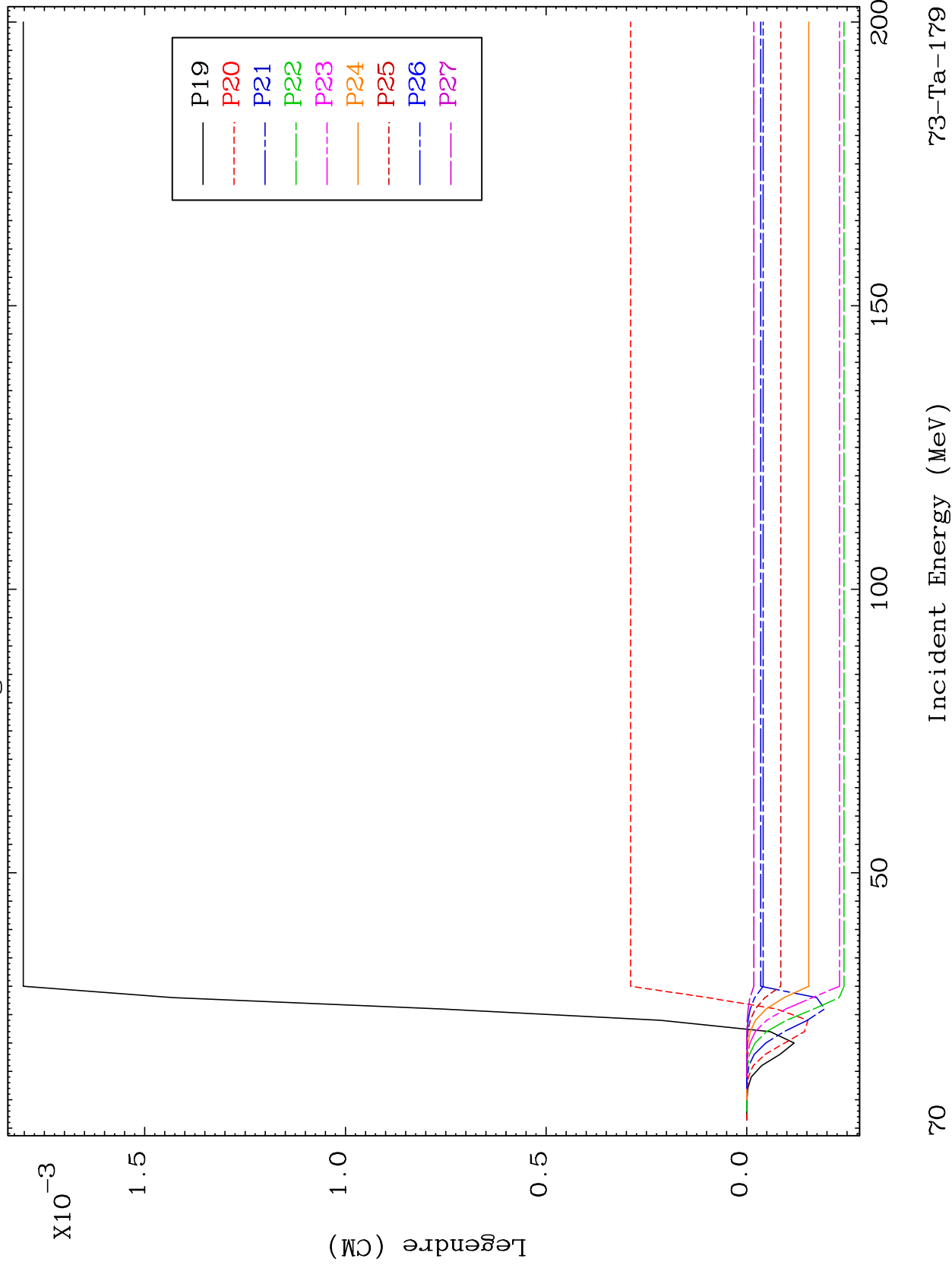
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

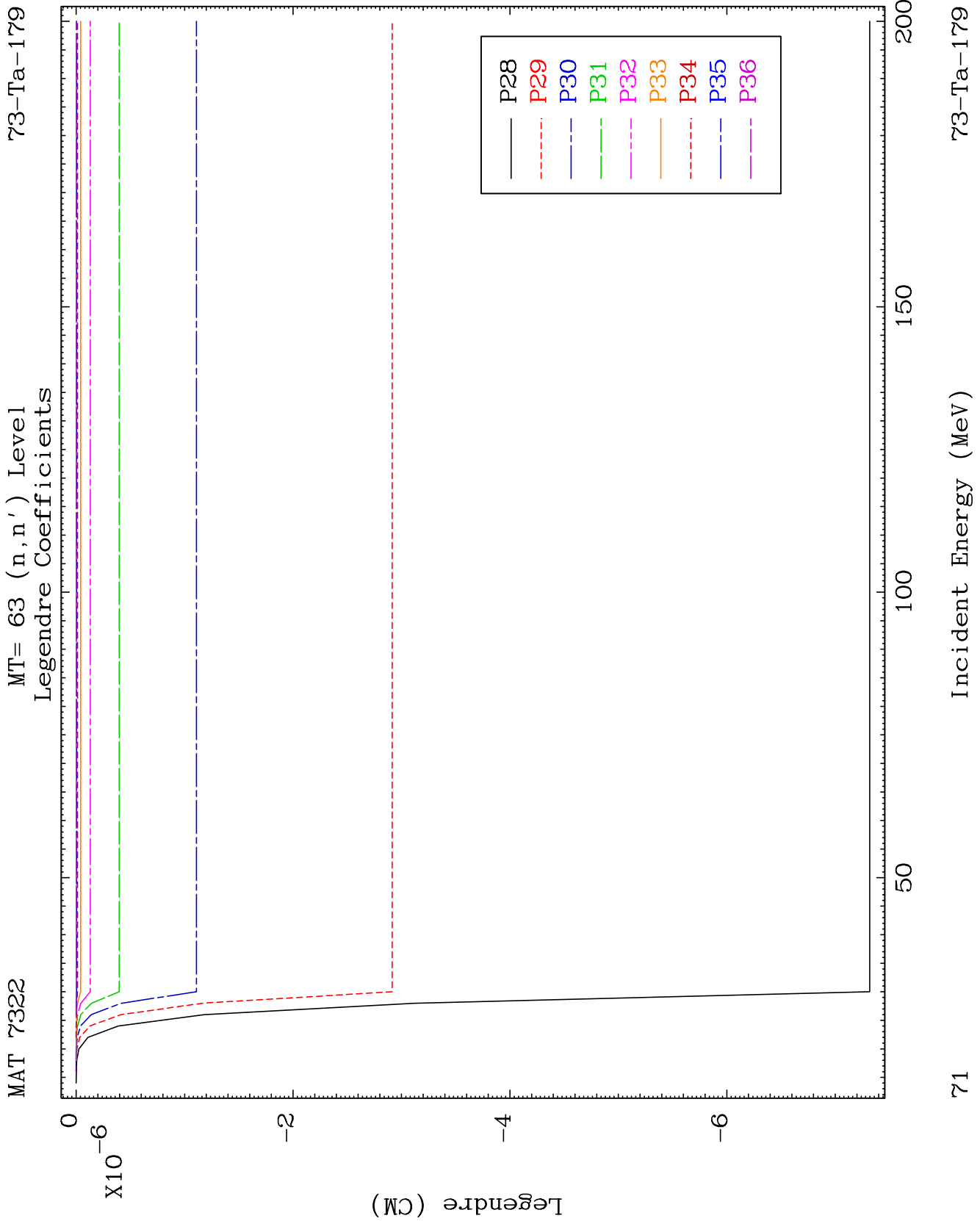
73-Ta-179



70

Incident Energy (MeV)

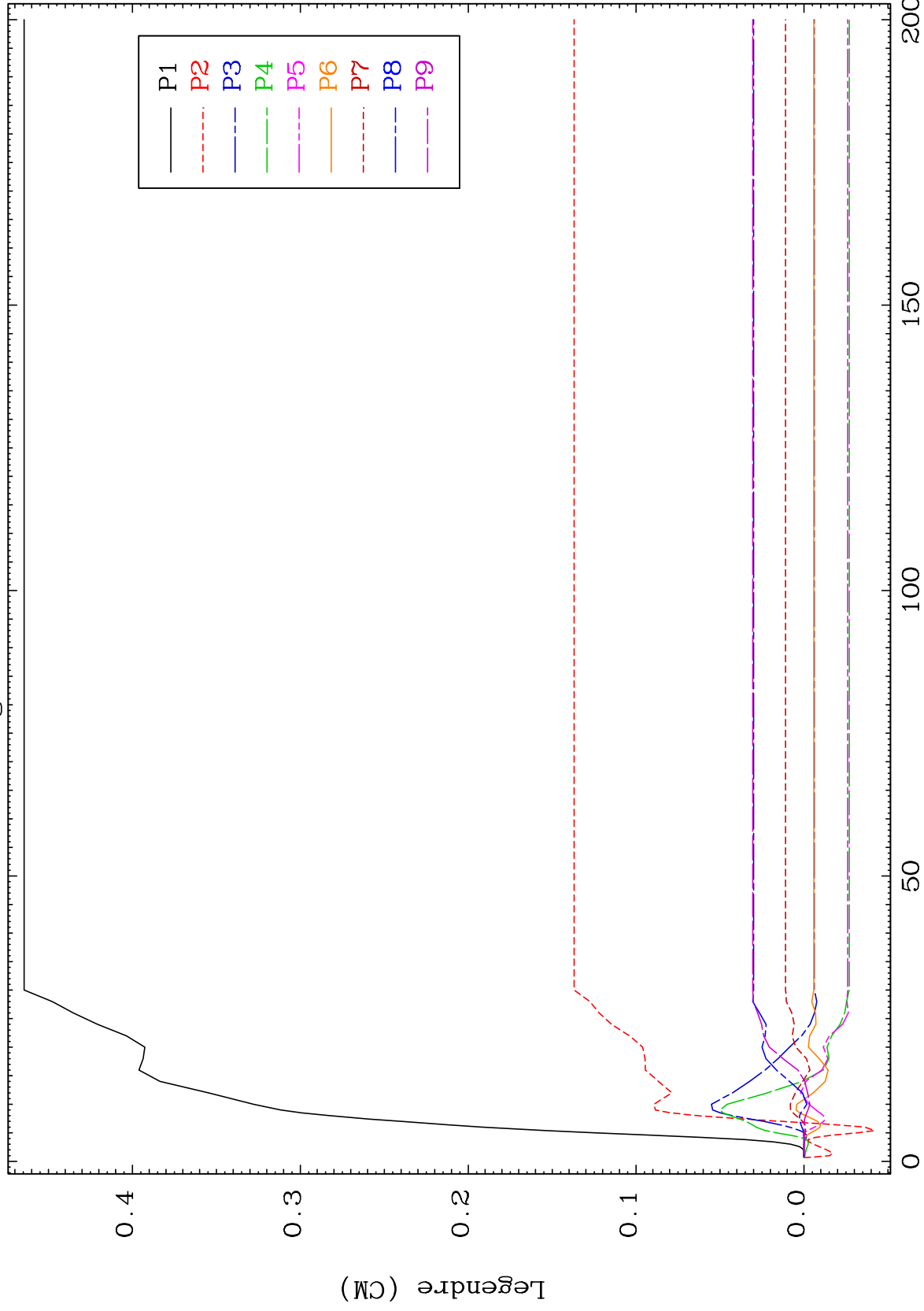
73-Ta-179



MAT 7322

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

73-Ta-179



72

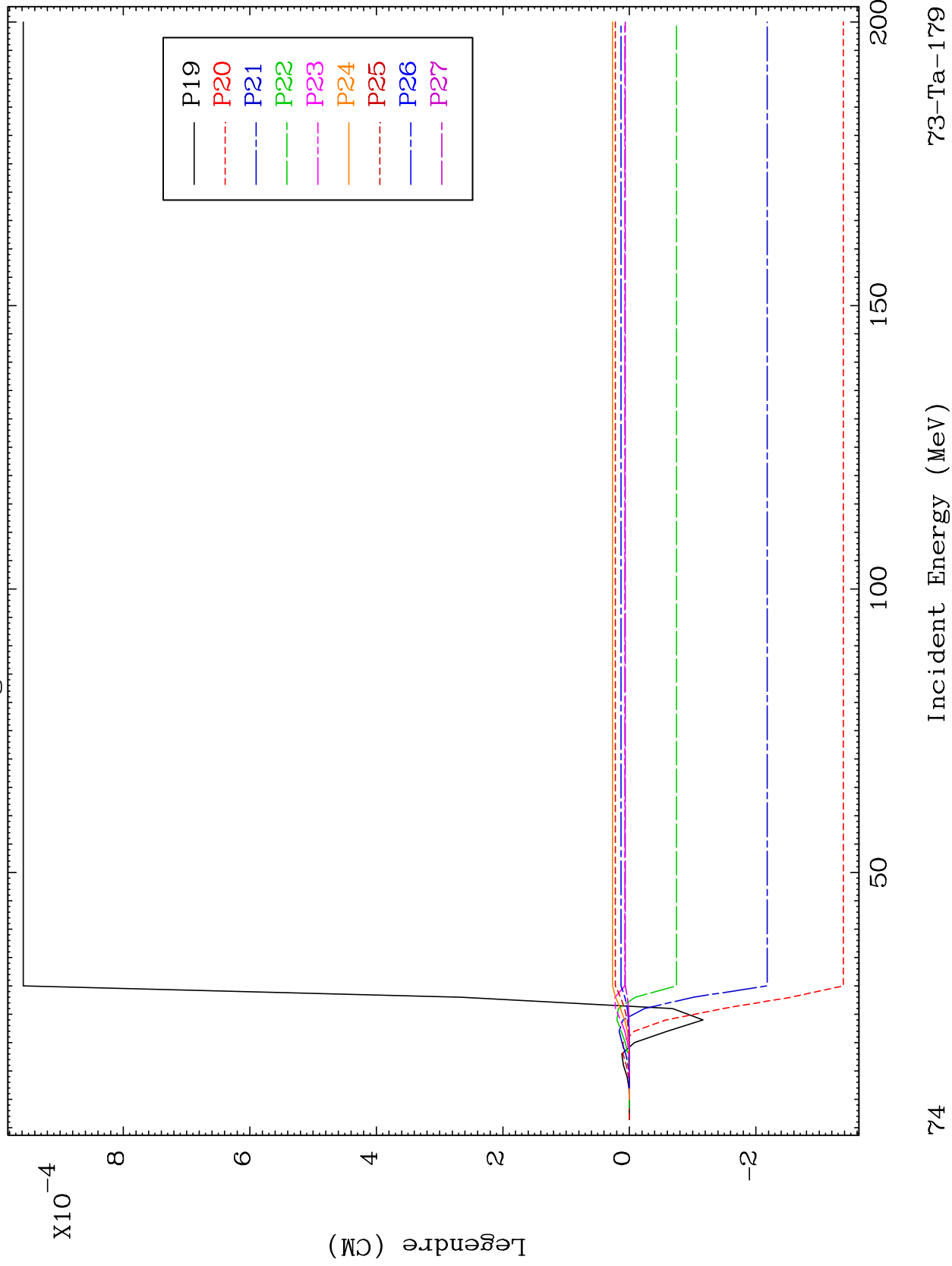
Incident Energy (MeV)

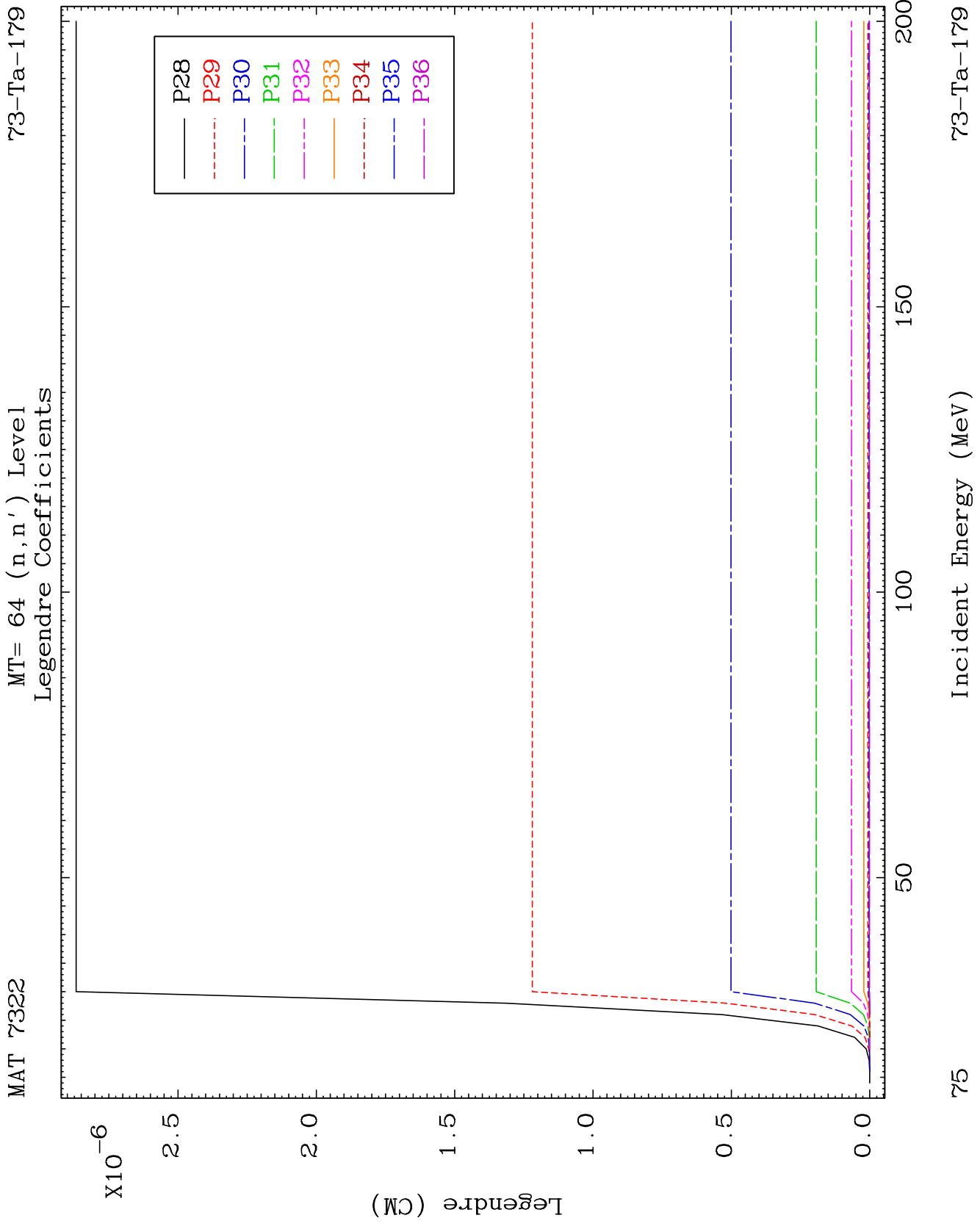
73-Ta-179

MAT 7322

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

73-Ta-179

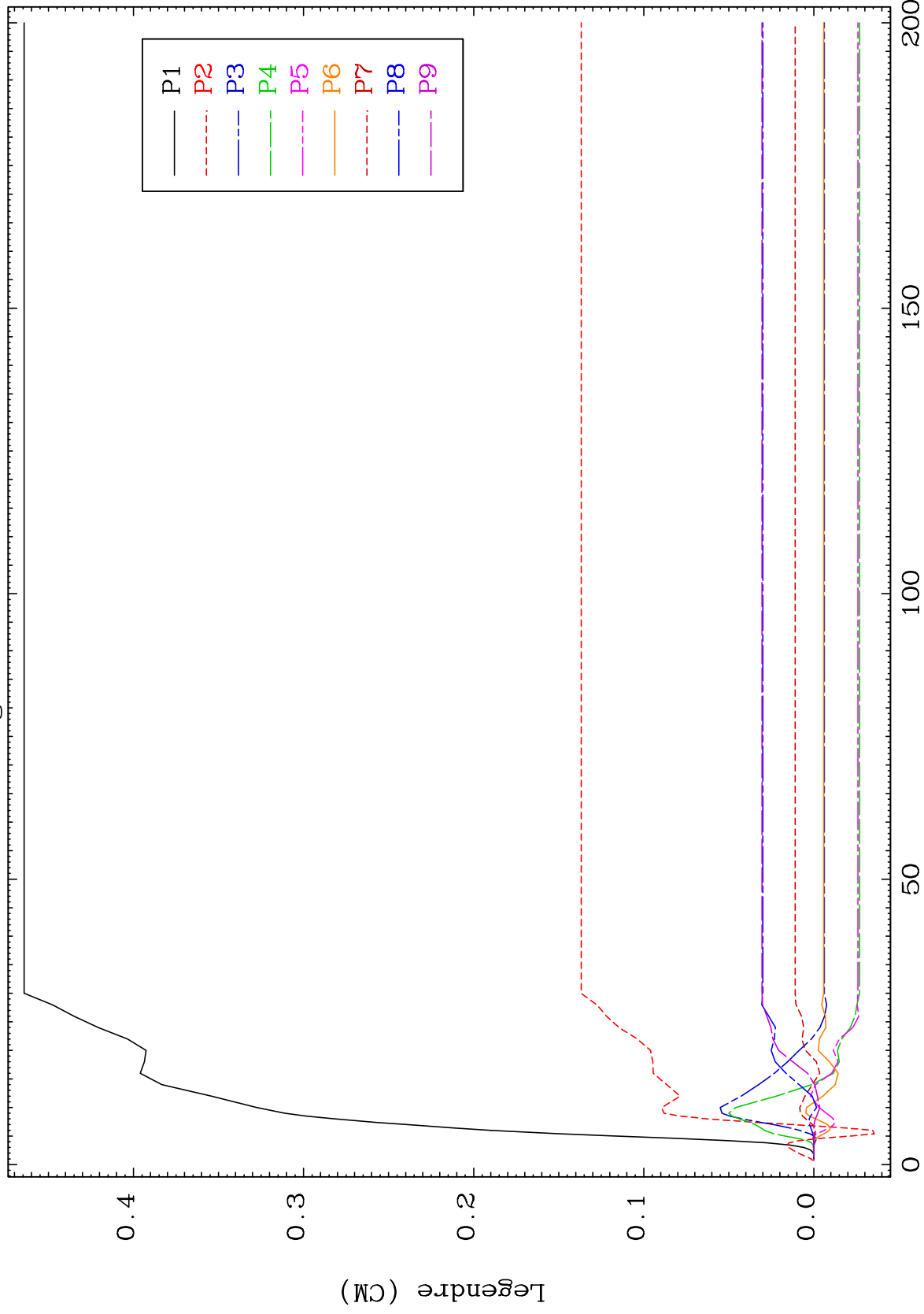




MAT 7322

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

73-Ta-179



76

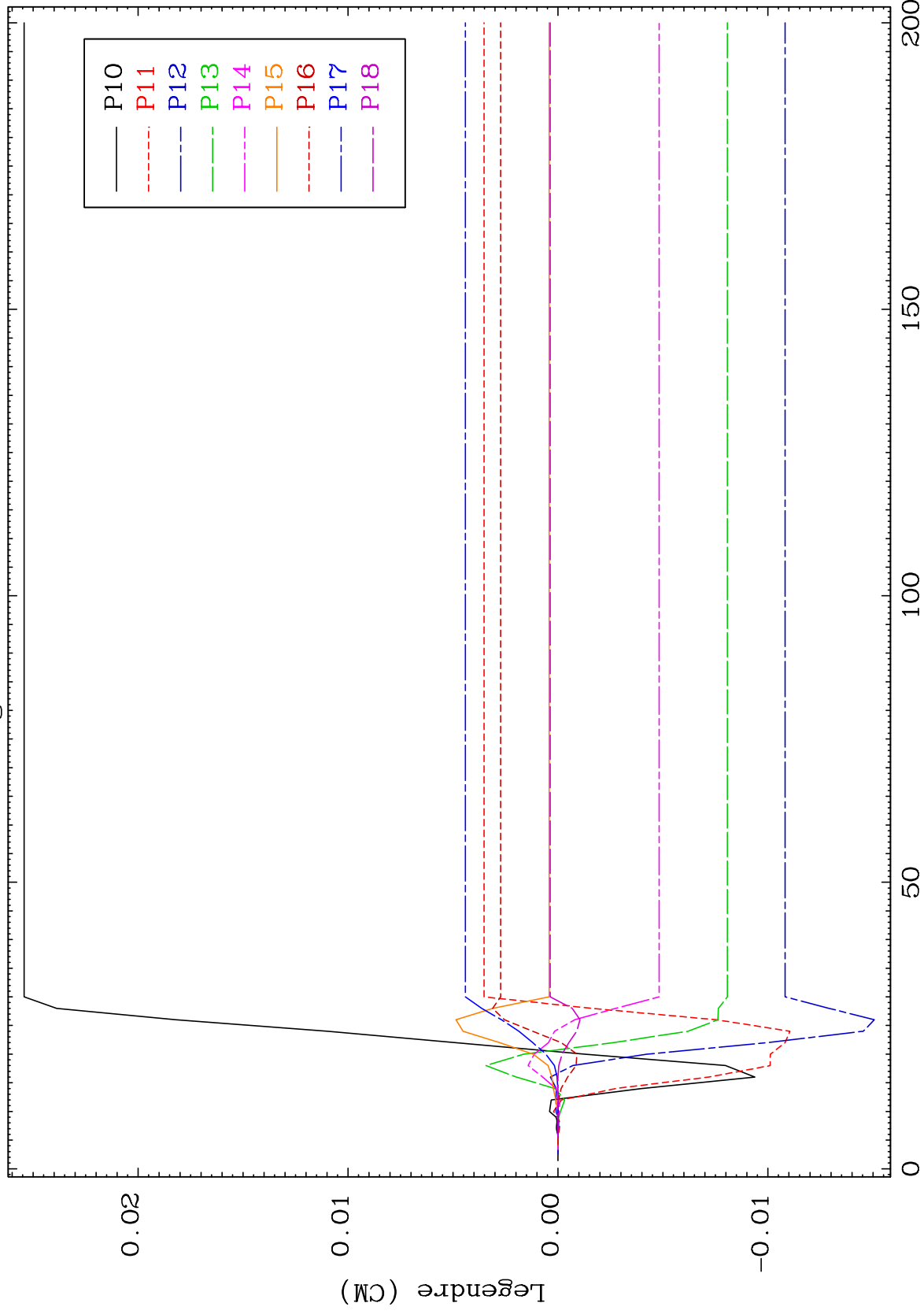
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



77

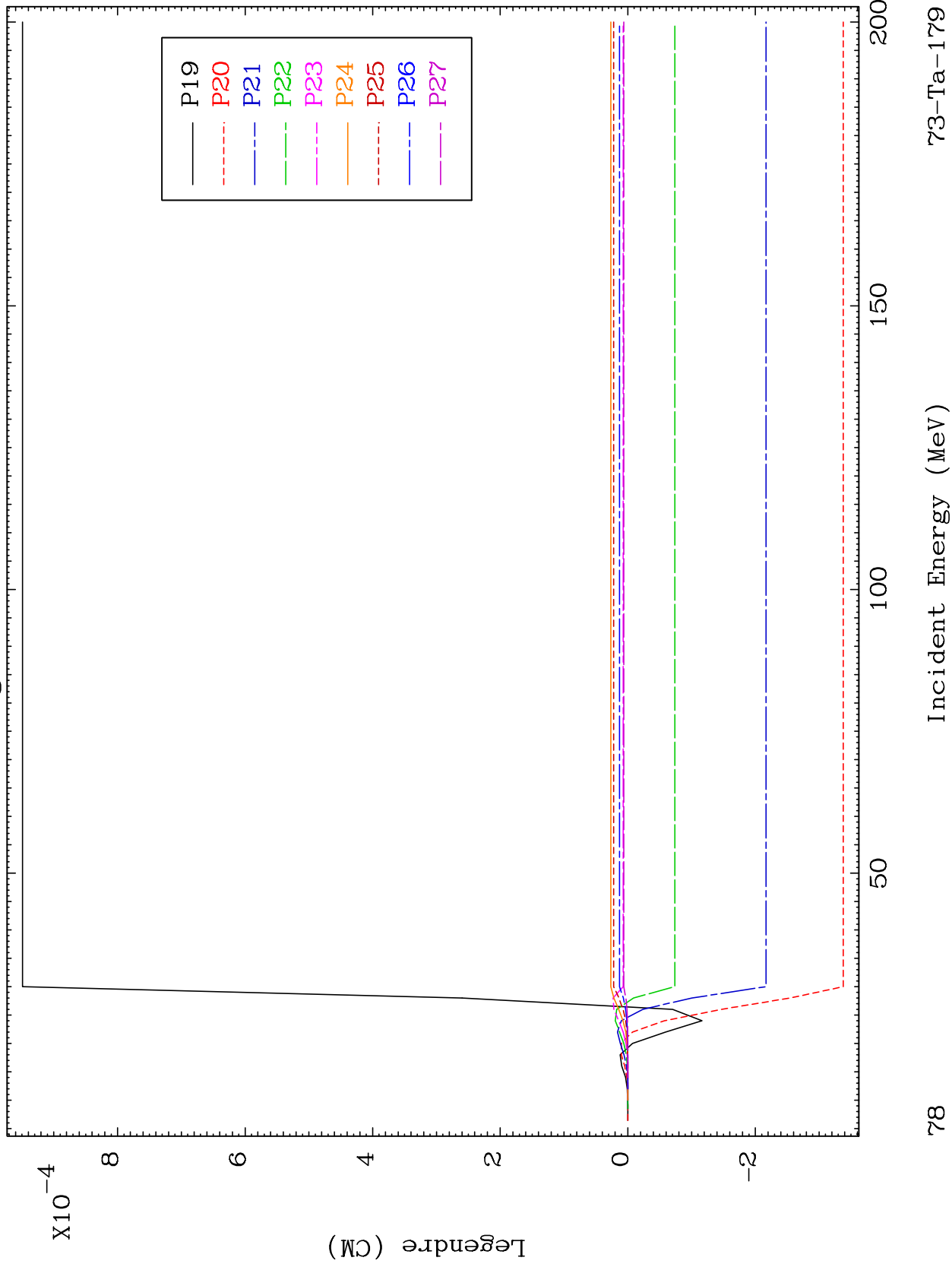
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

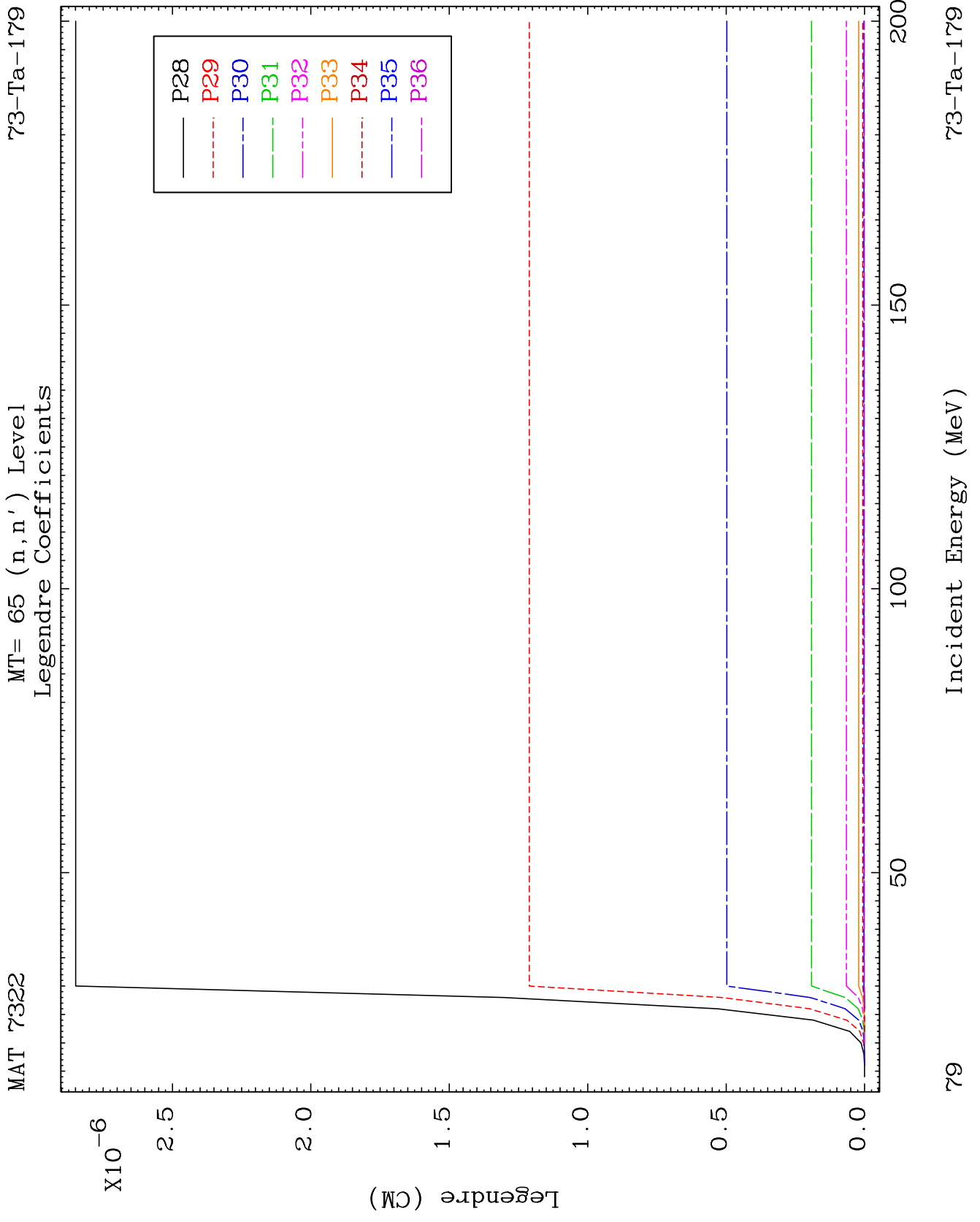
73-Ta-179



78

Incident Energy (MeV)

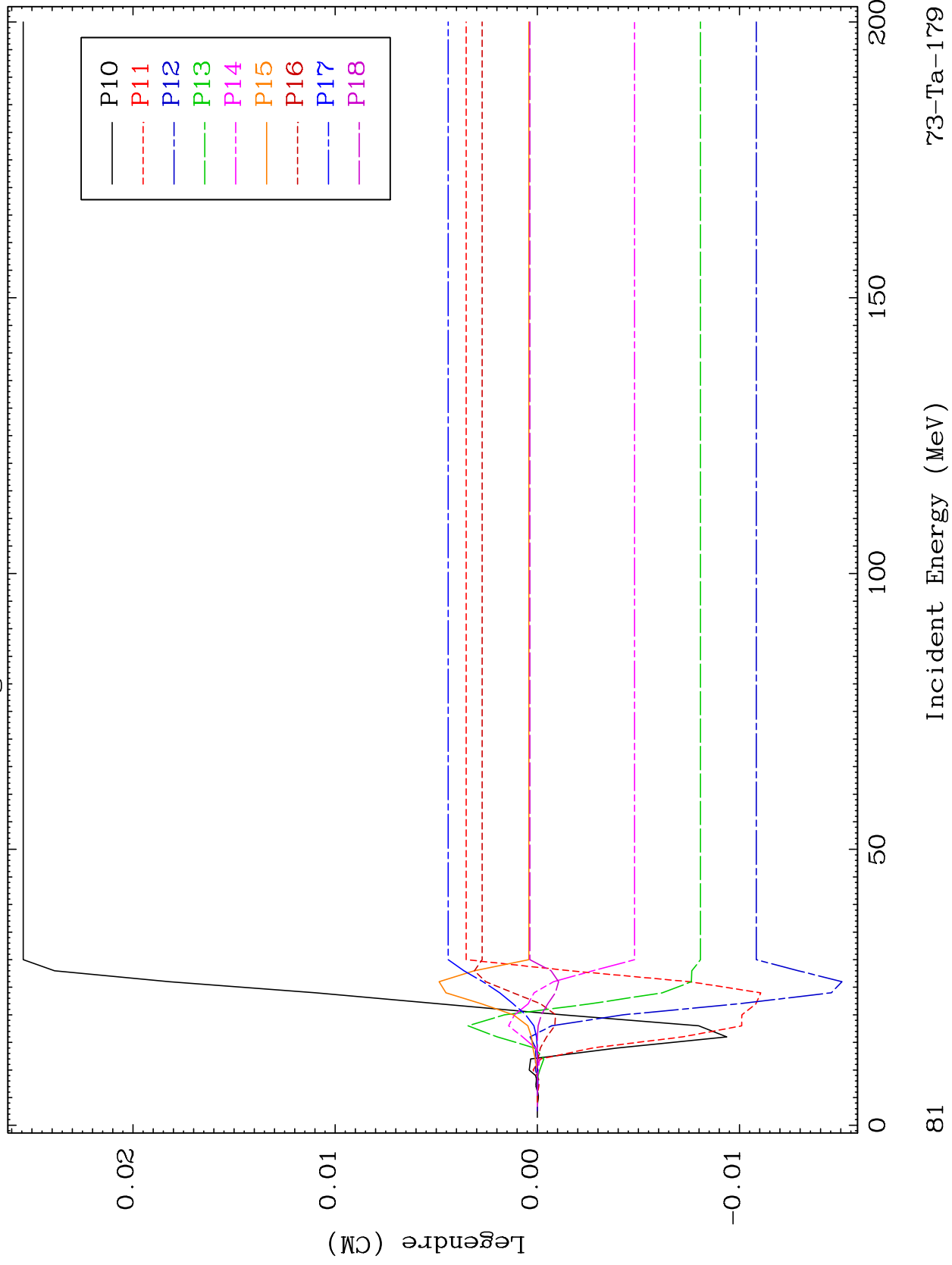
73-Ta-179



MAT 7322

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

73-Ta-179



81

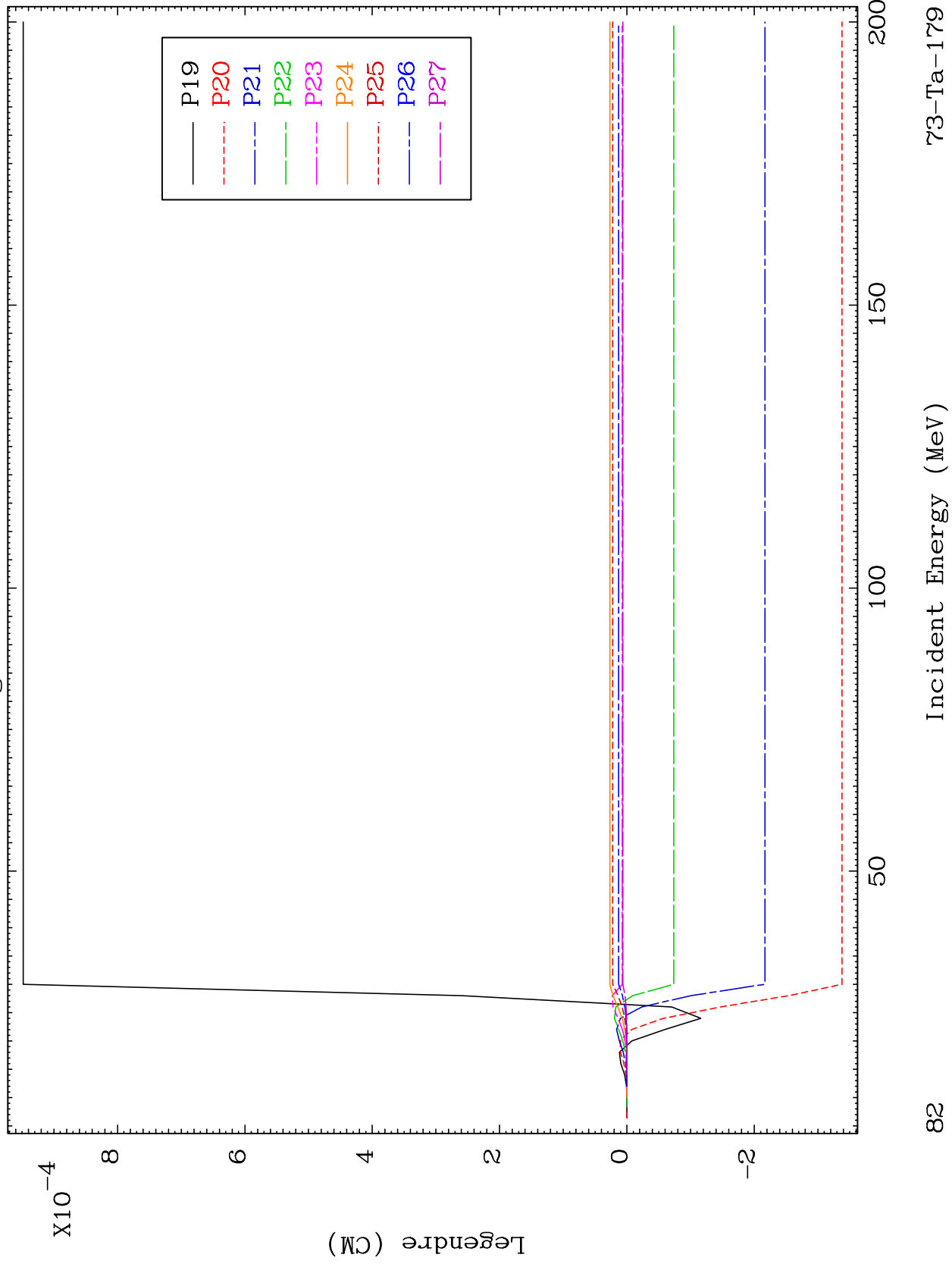
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



82

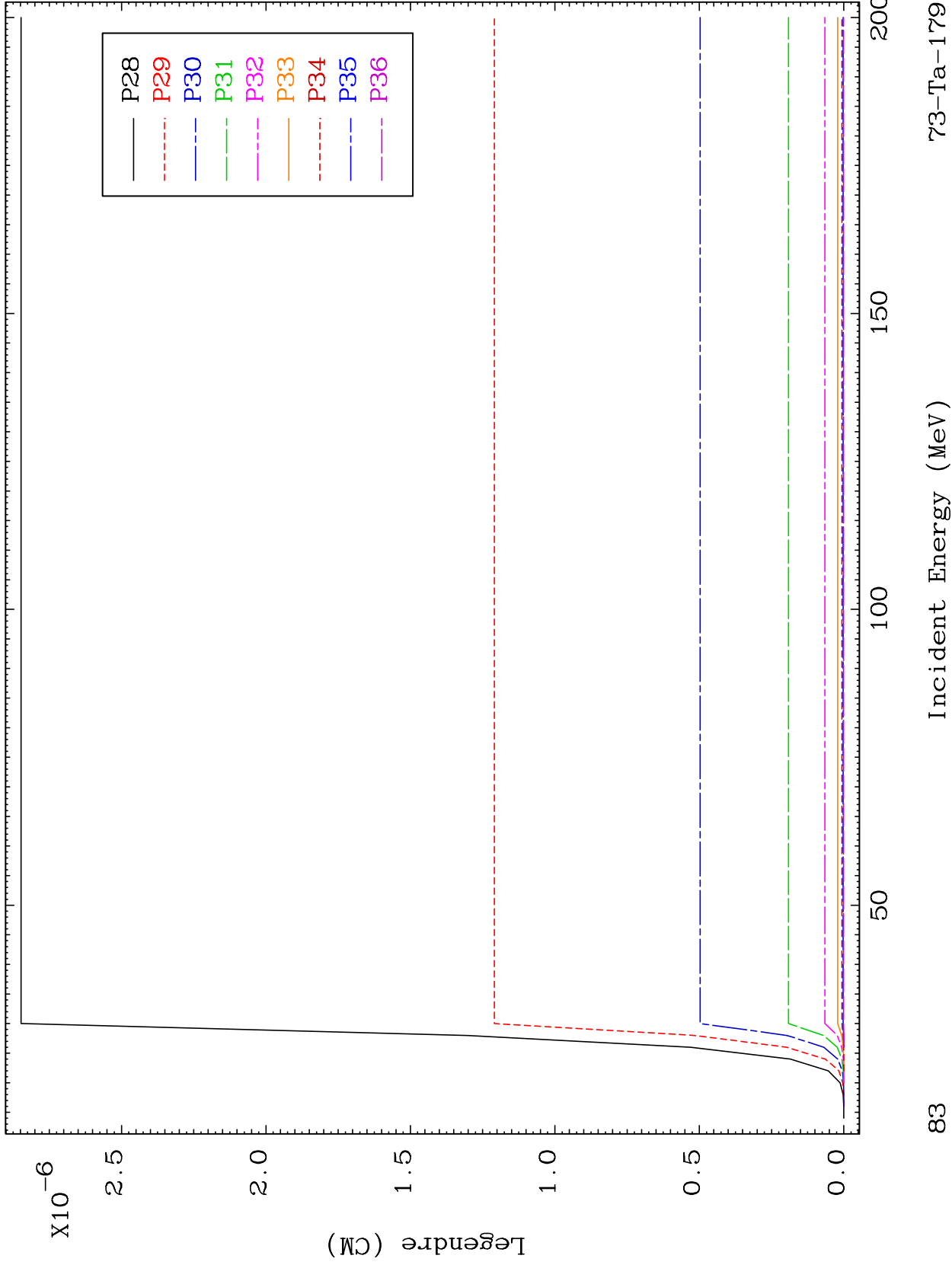
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



83

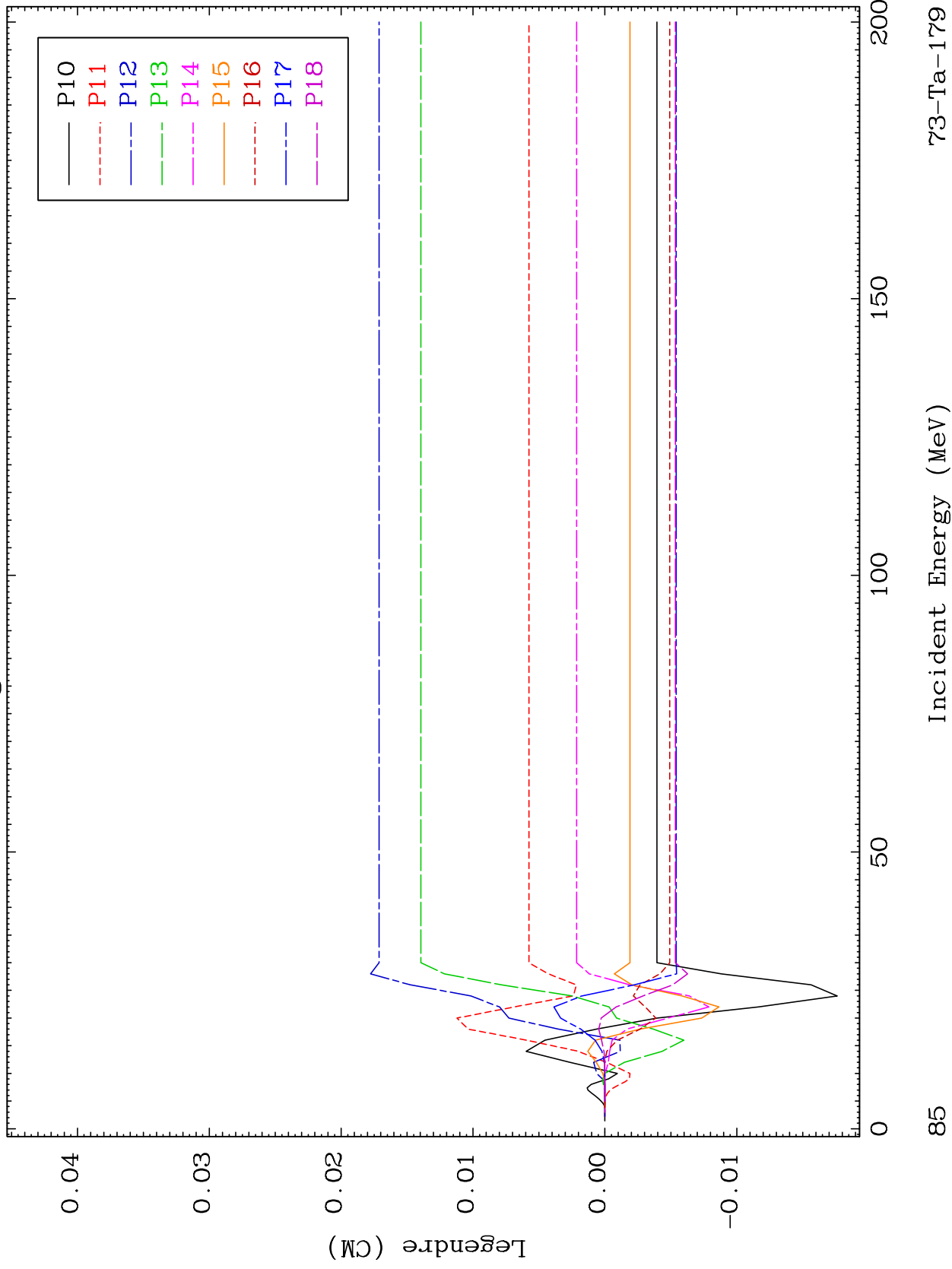
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

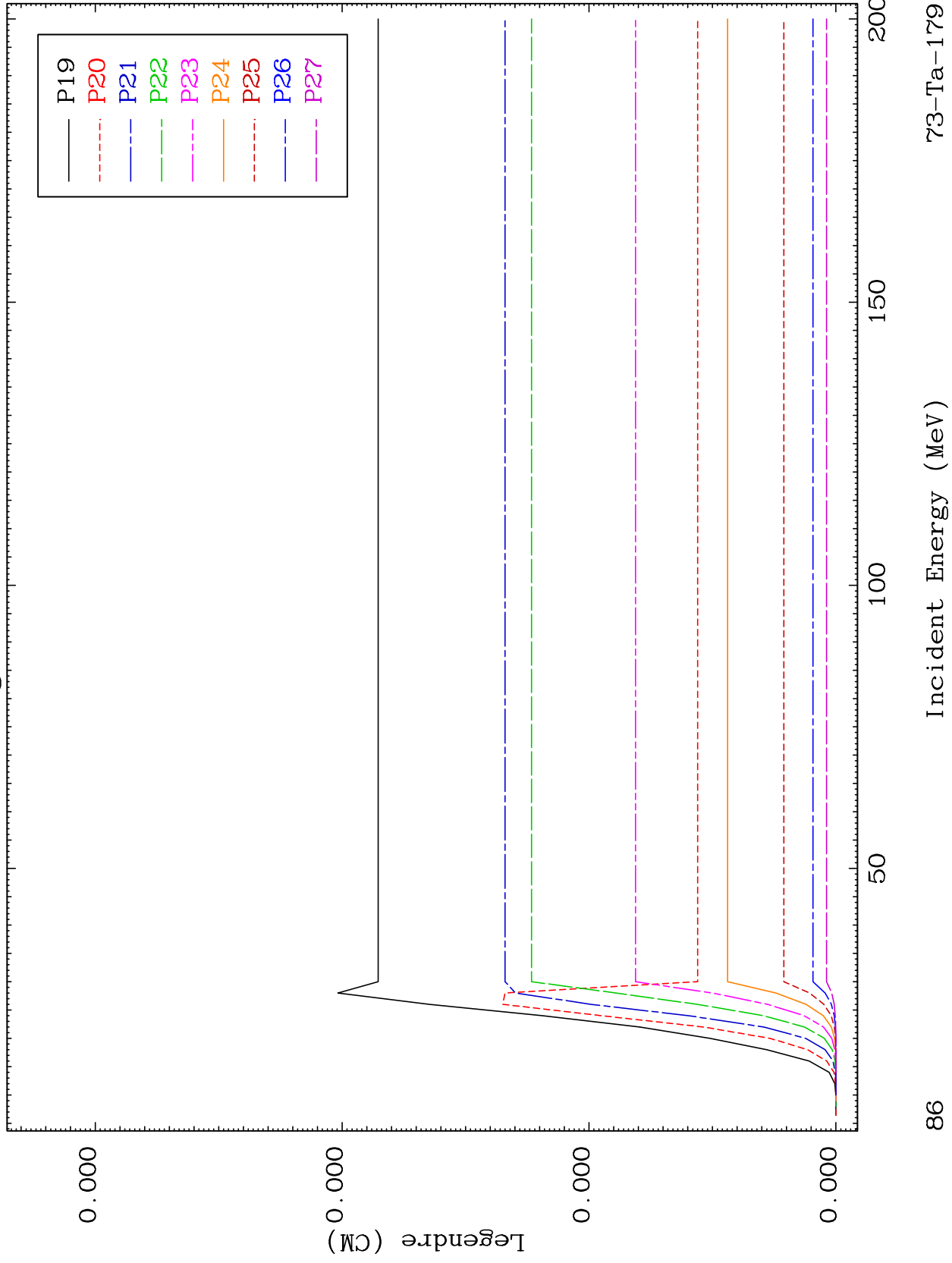
73-Ta-179



73-Ta-179

Incident Energy (MeV)

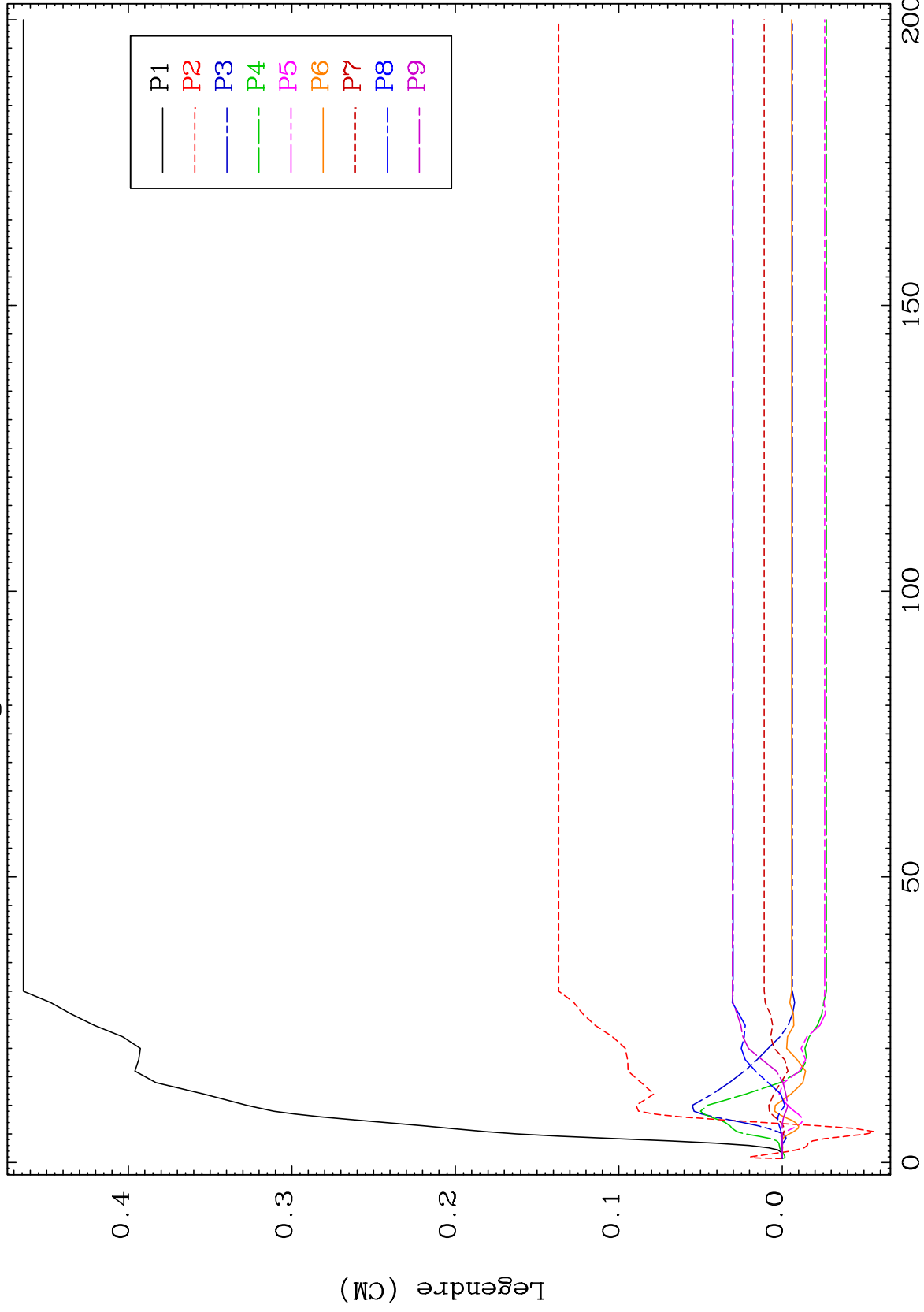
85



MAT 7322

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

73-Ta-179



88

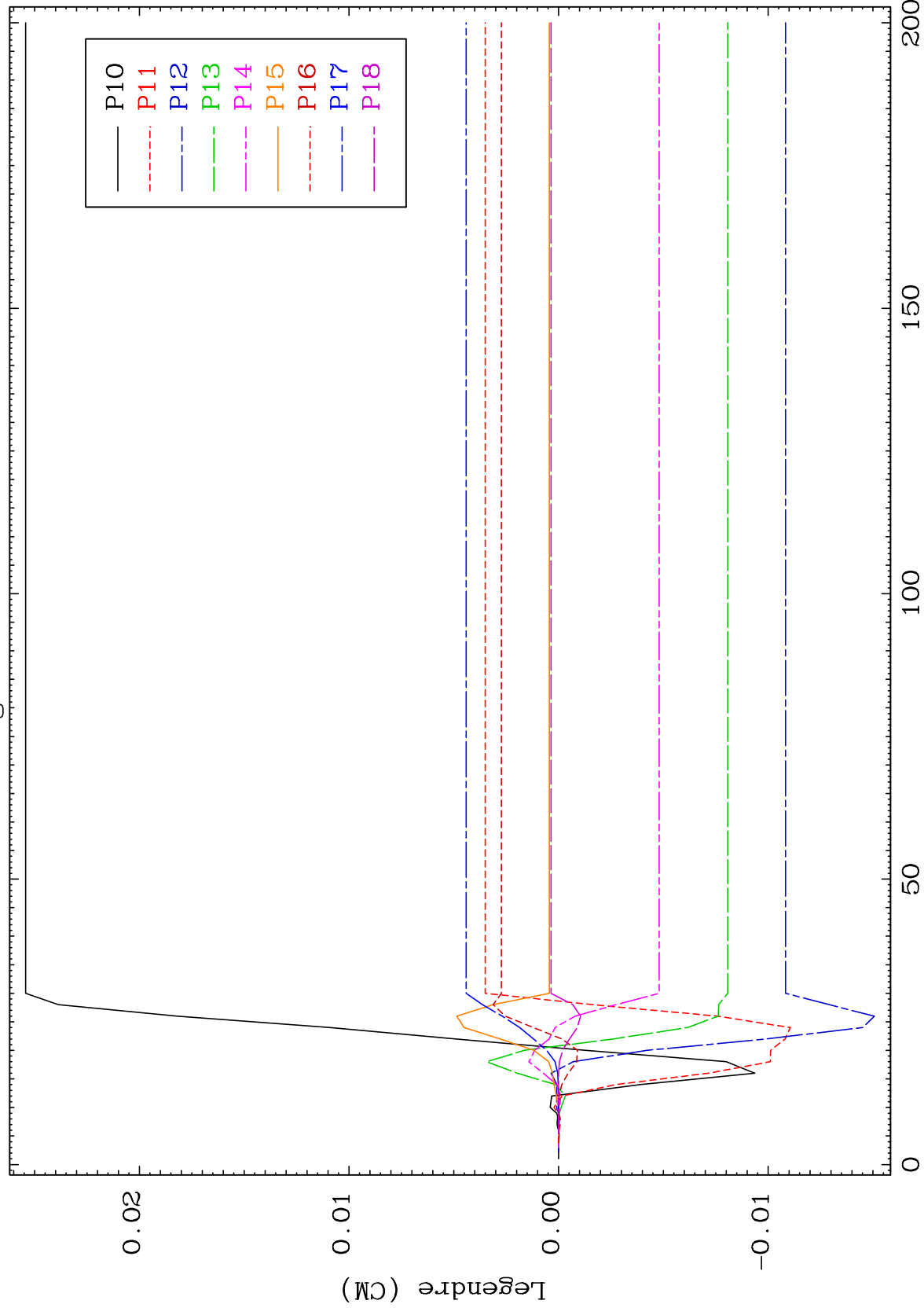
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



89

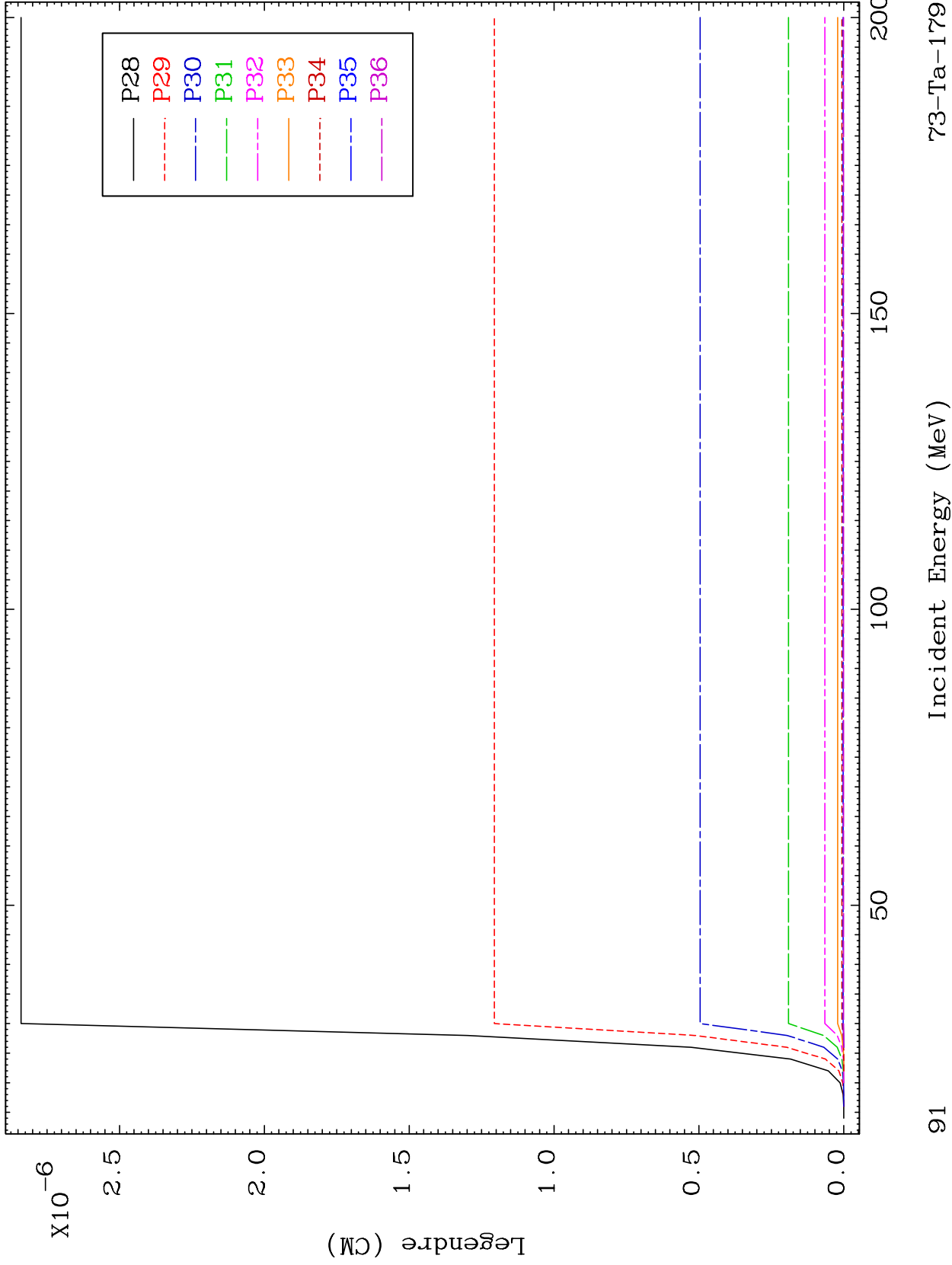
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179

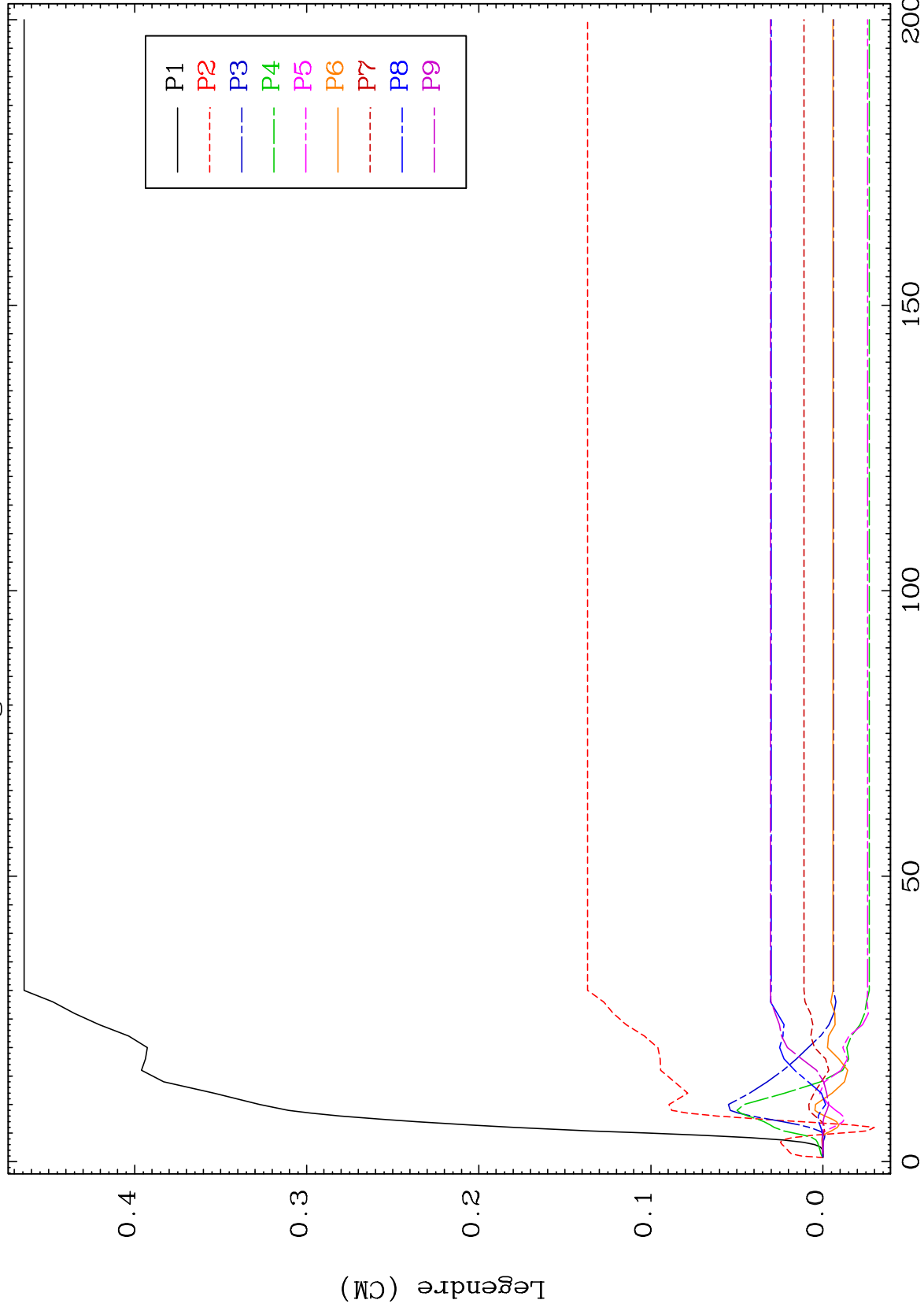


91

MAT 7322

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

73-Ta-179



92

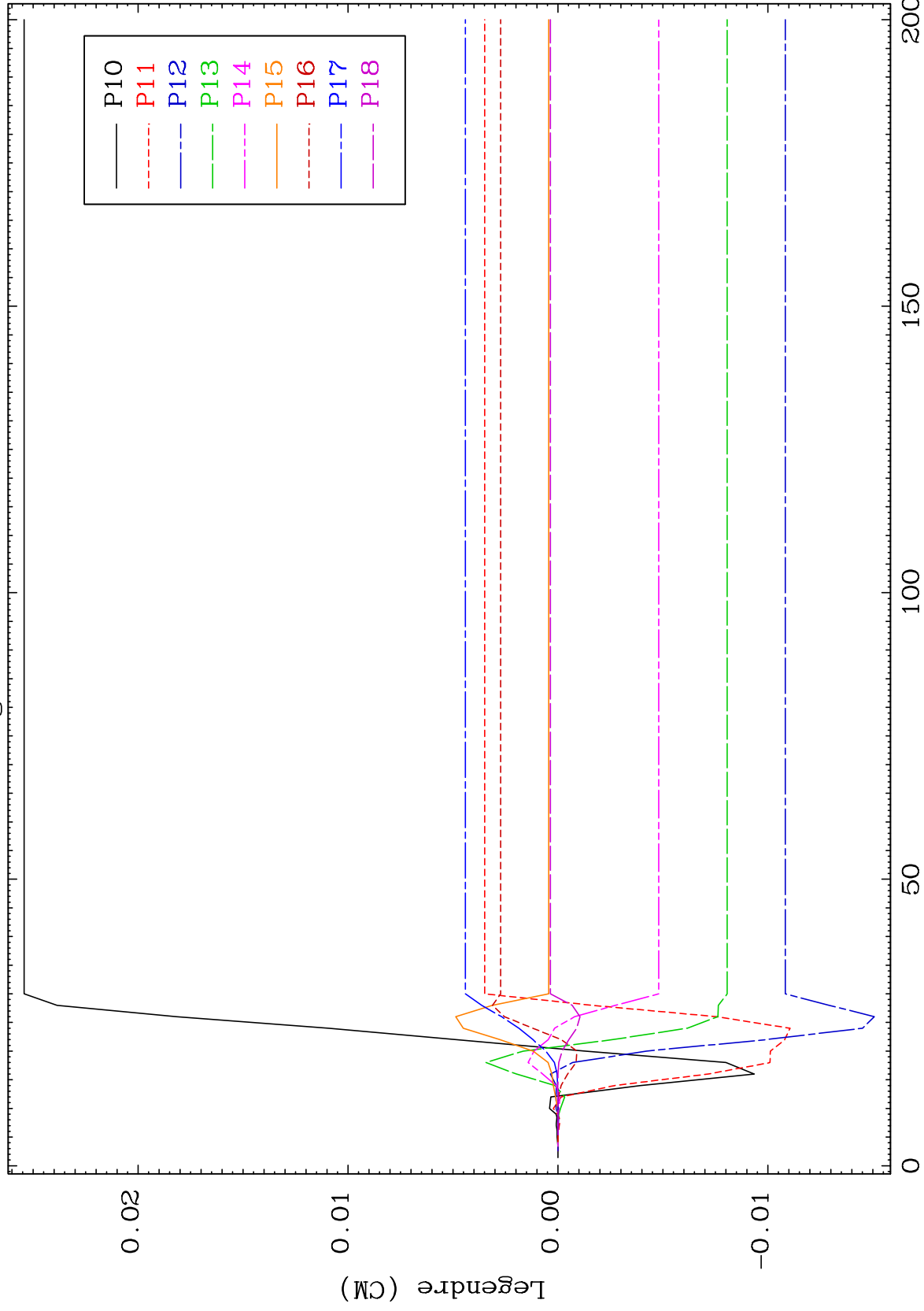
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



93

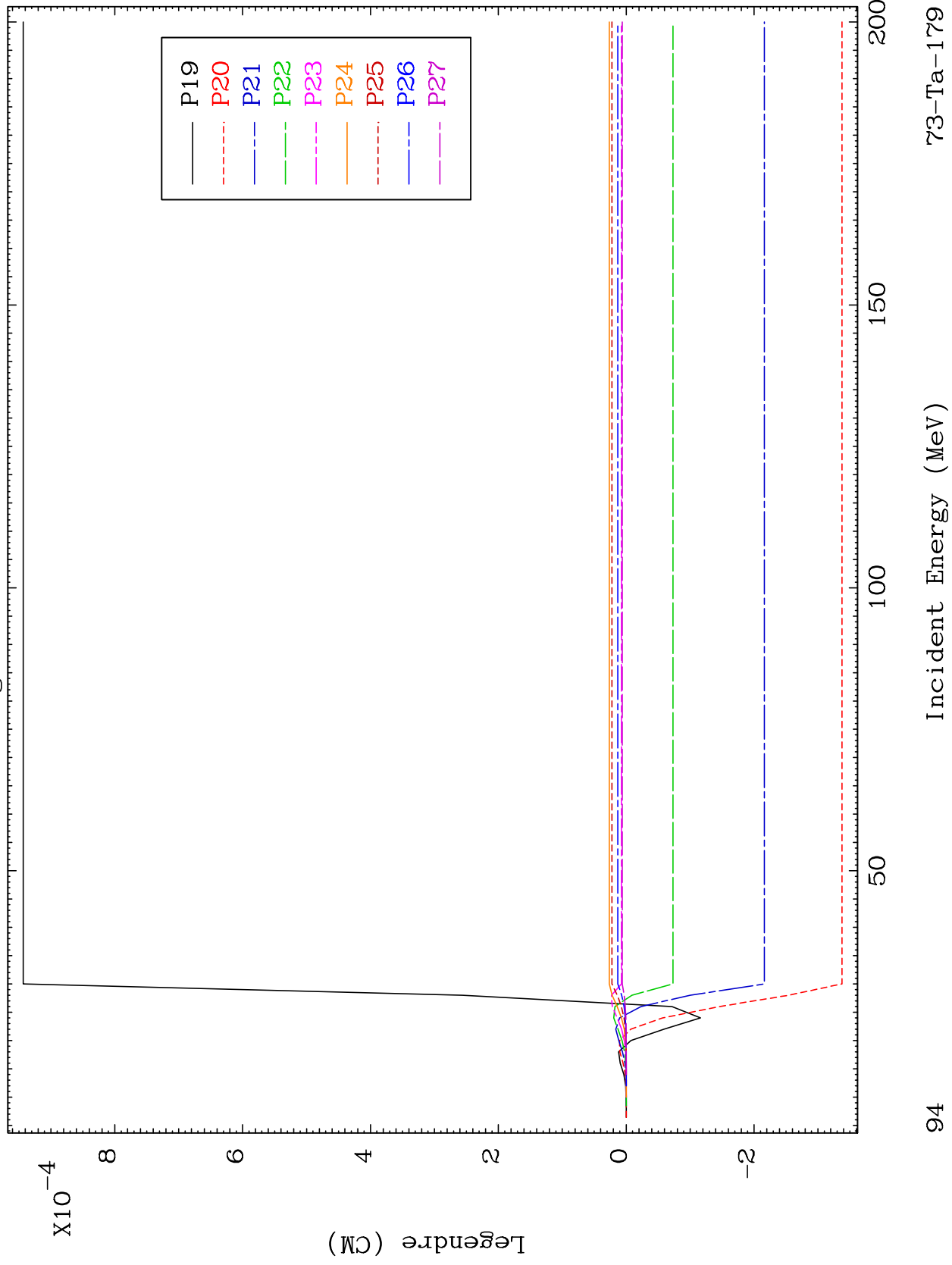
Incident Energy (MeV)

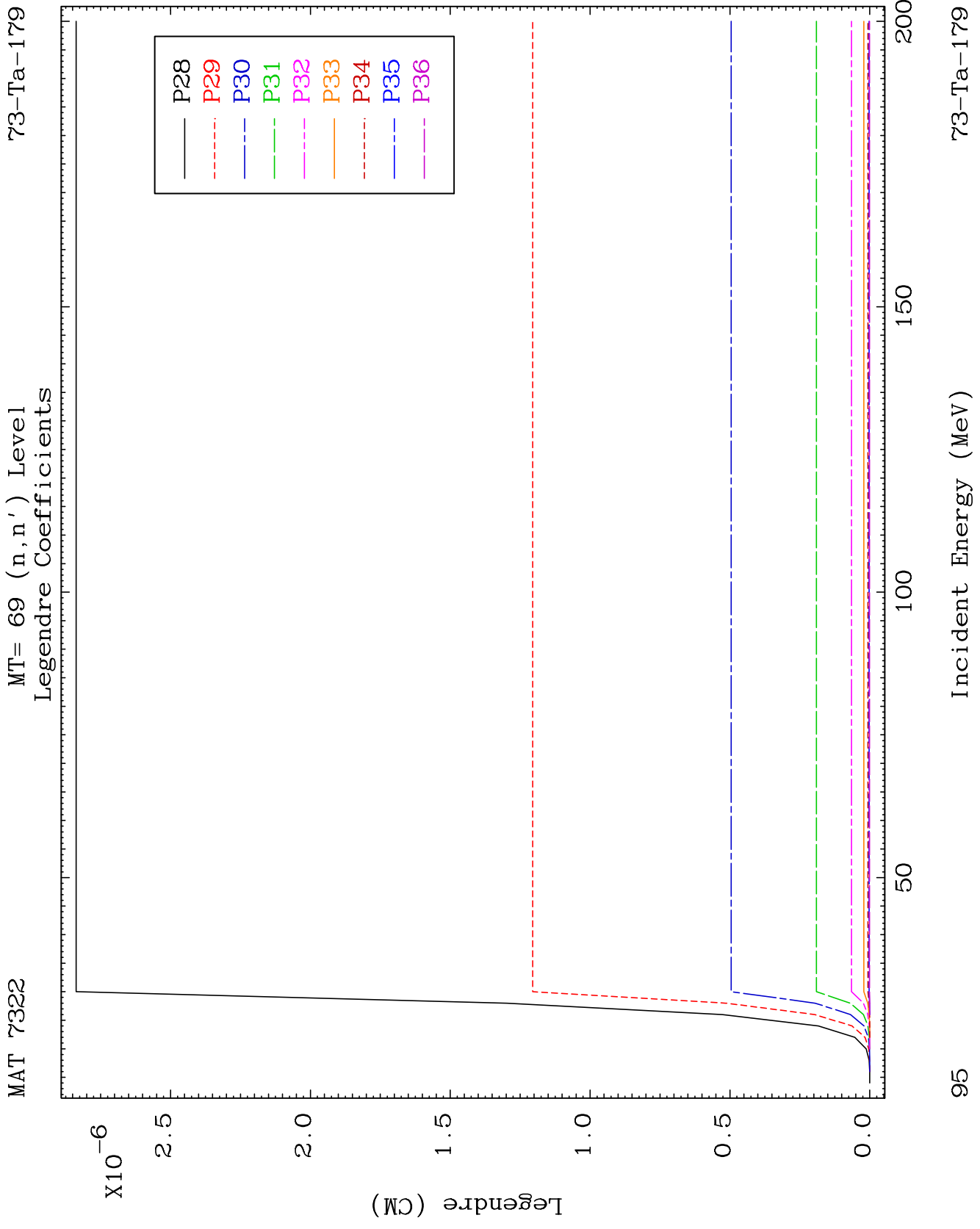
73-Ta-179

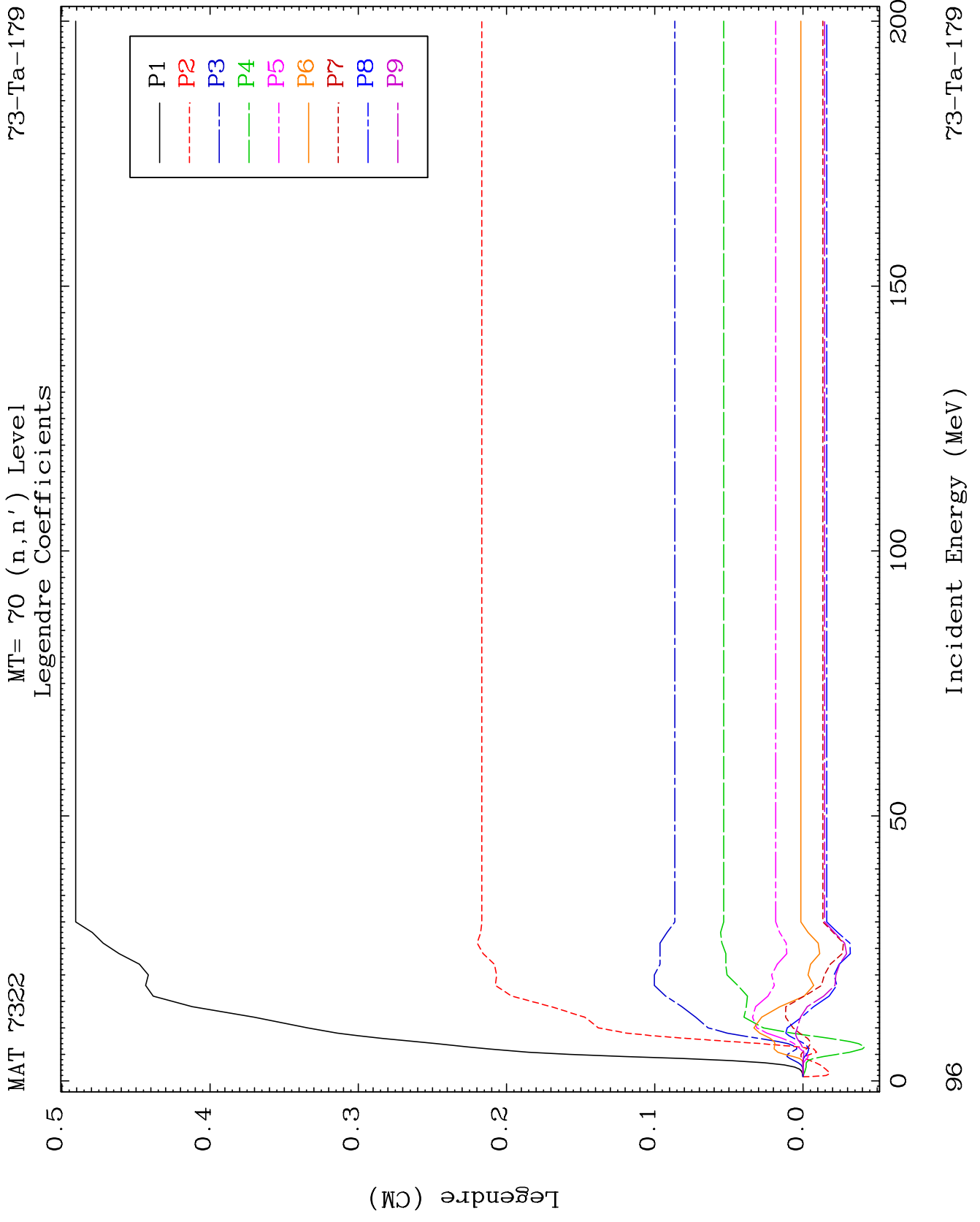
MAT 7322

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

73-Ta-179



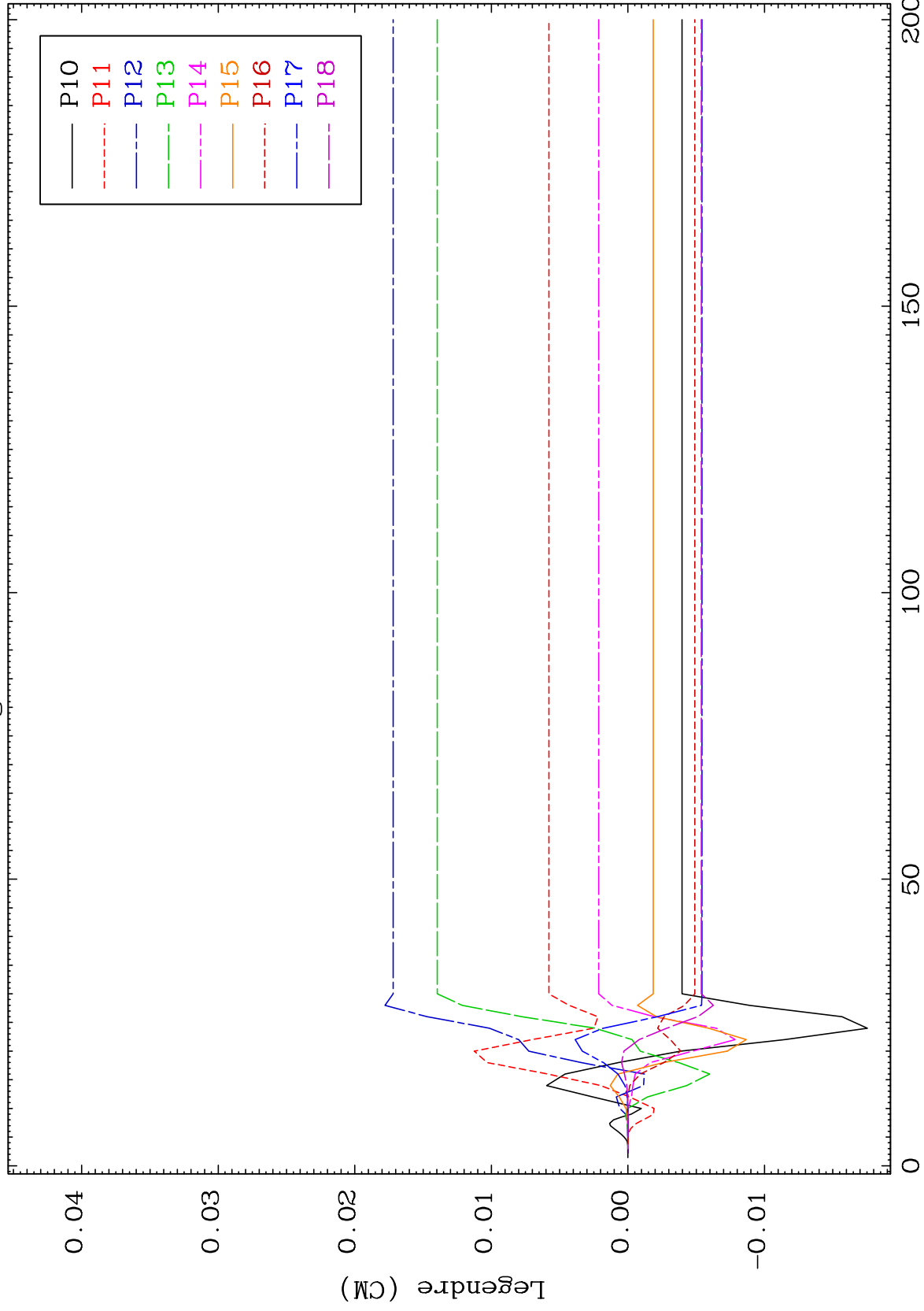




MAT 7322

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

73-Ta-179



97

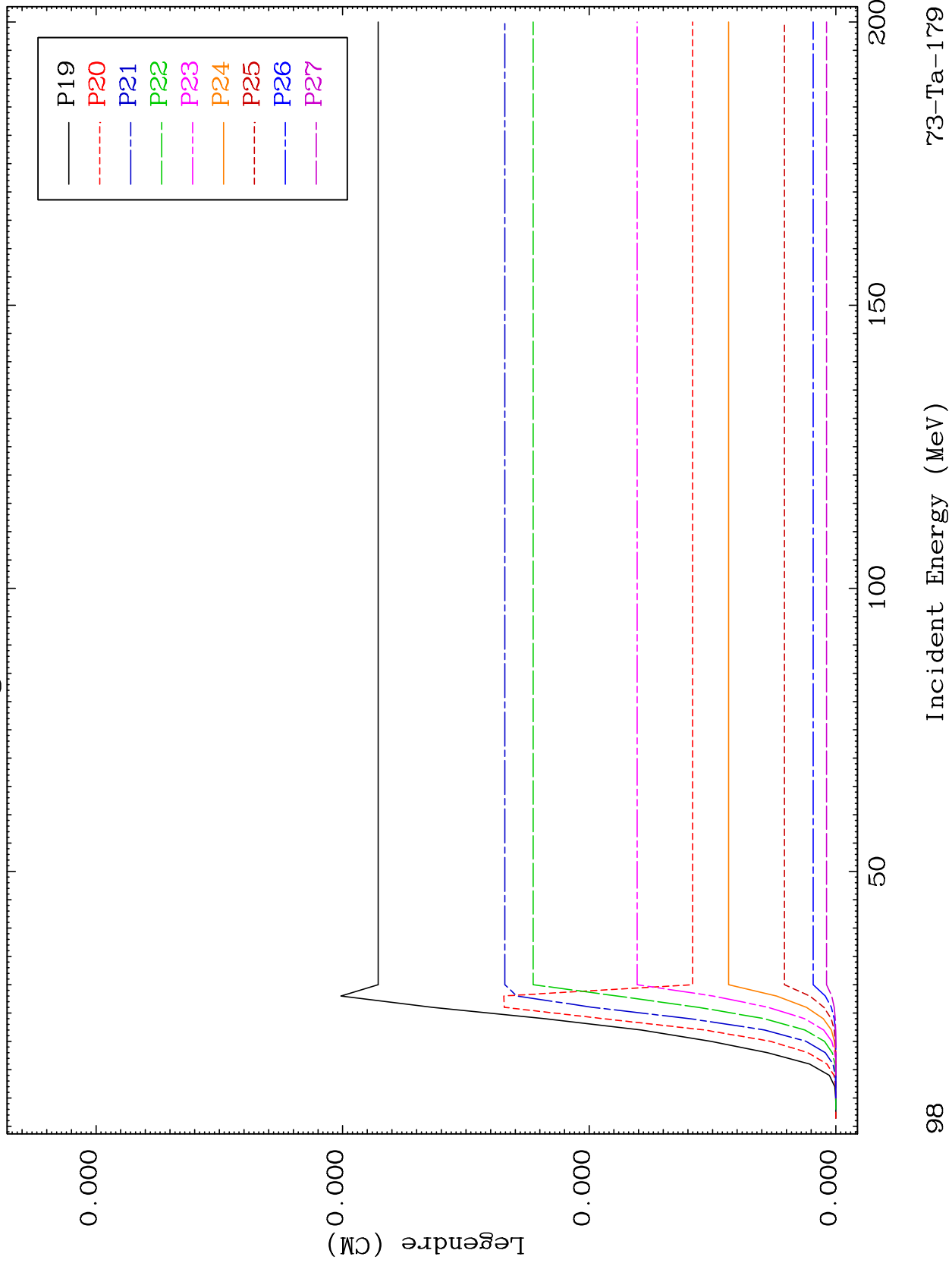
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

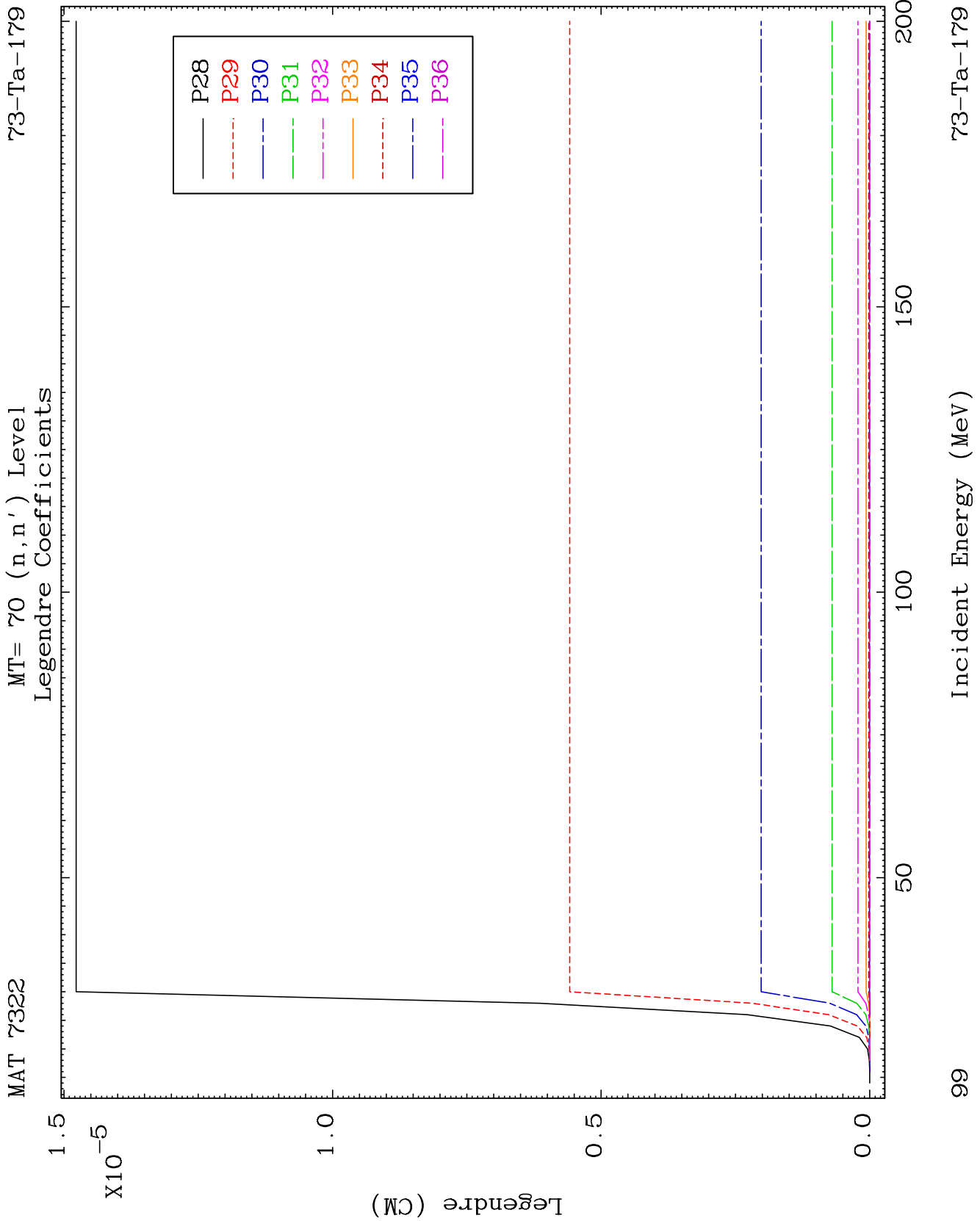
73-Ta-179

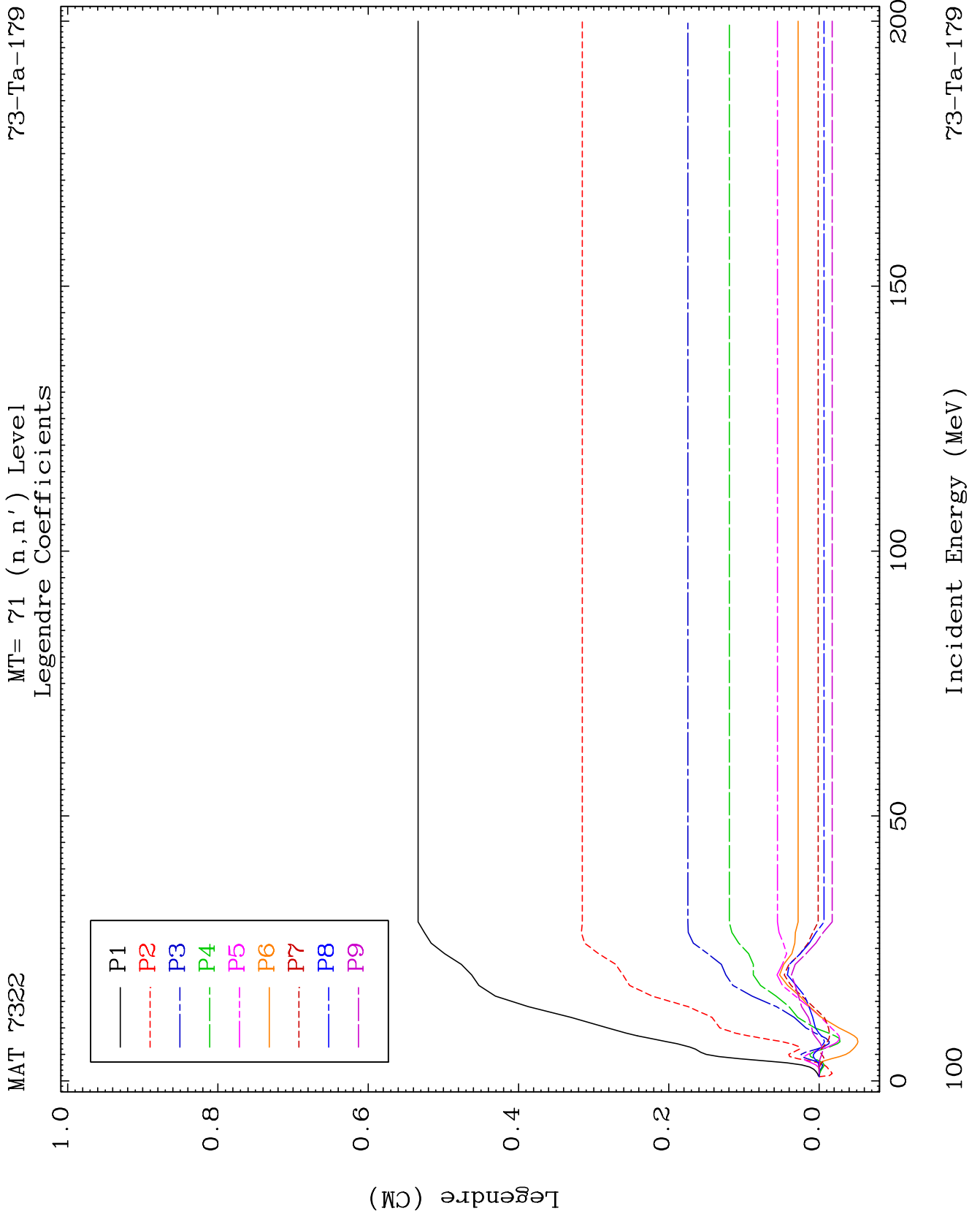


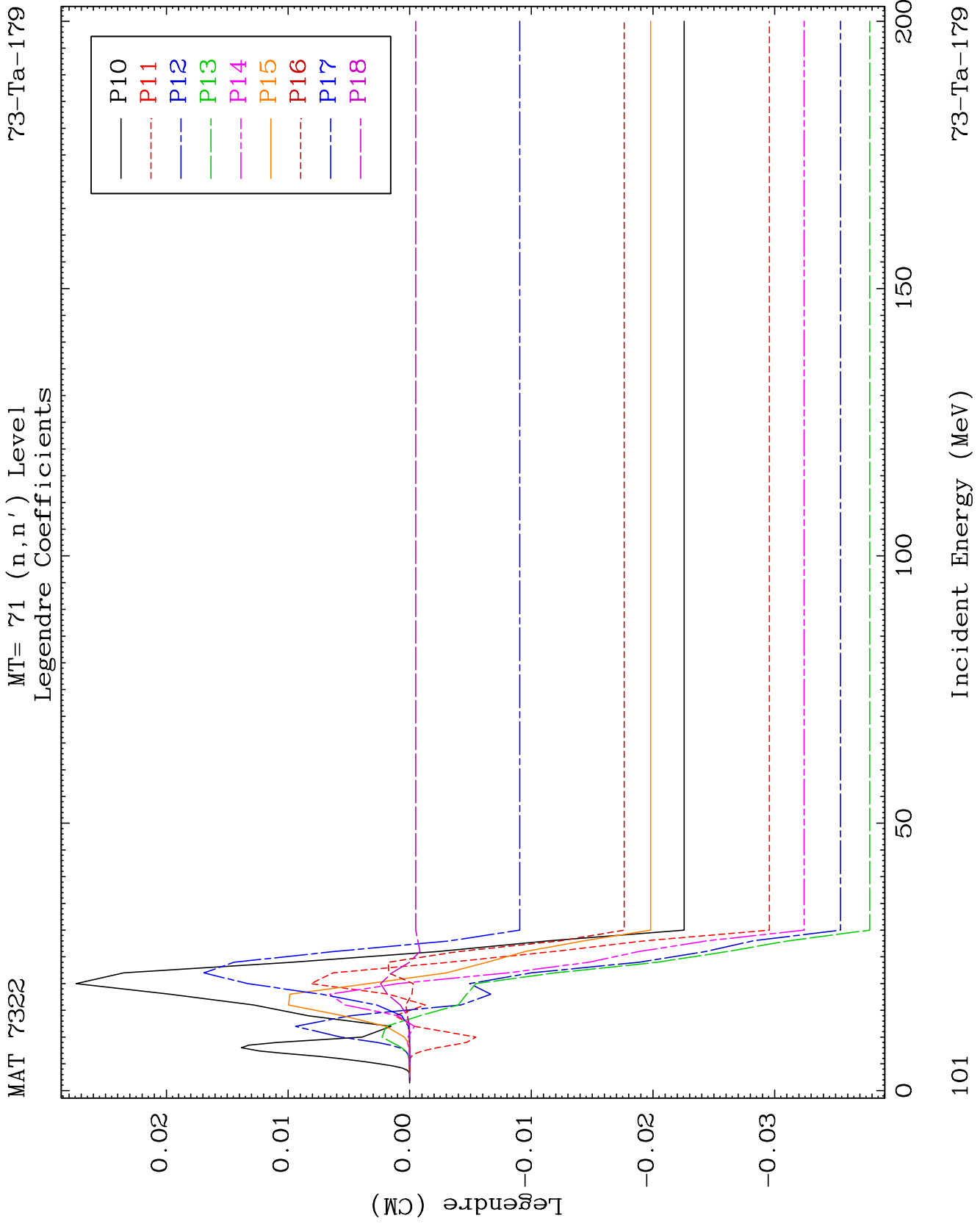
98

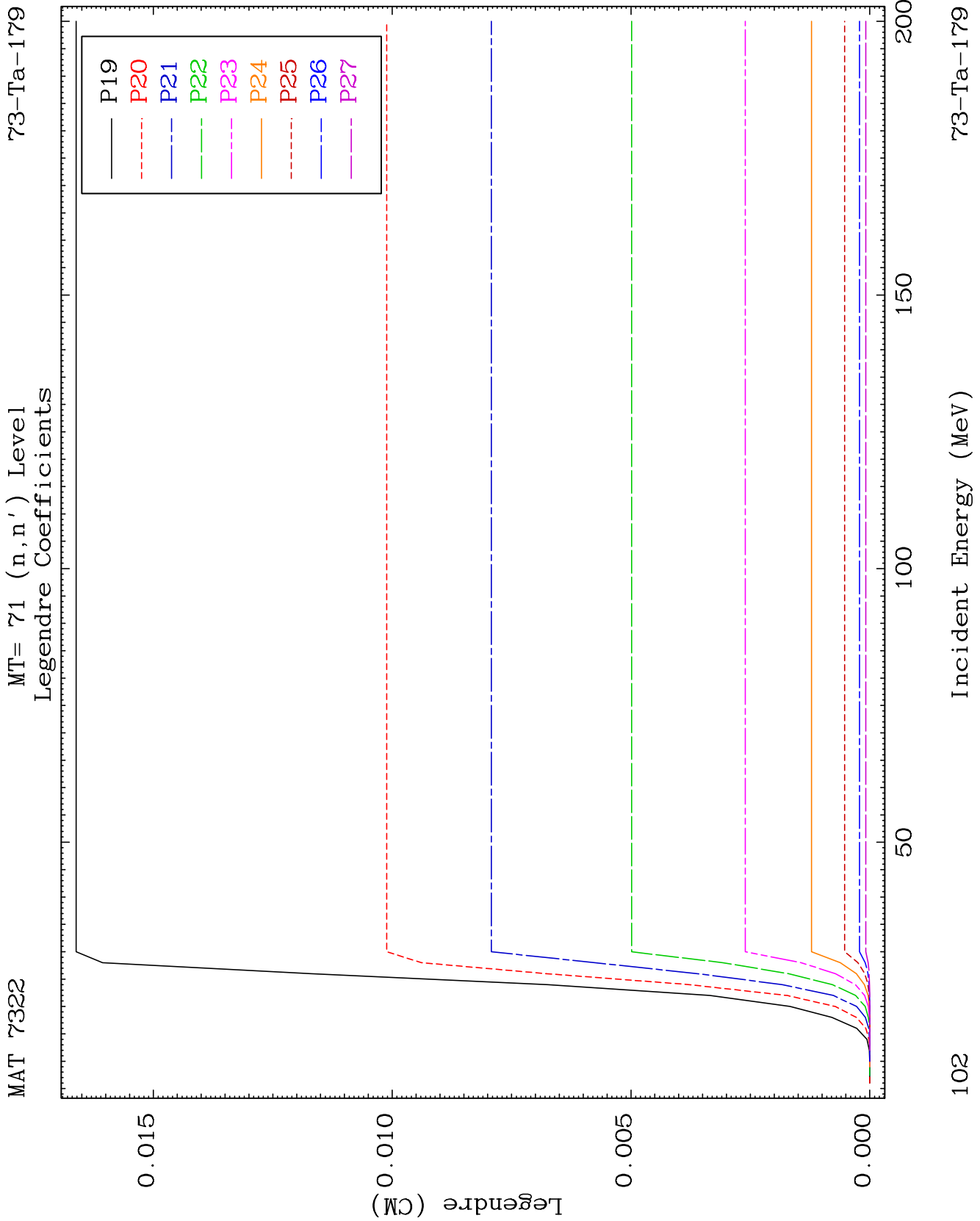
Incident Energy (MeV)

73-Ta-179





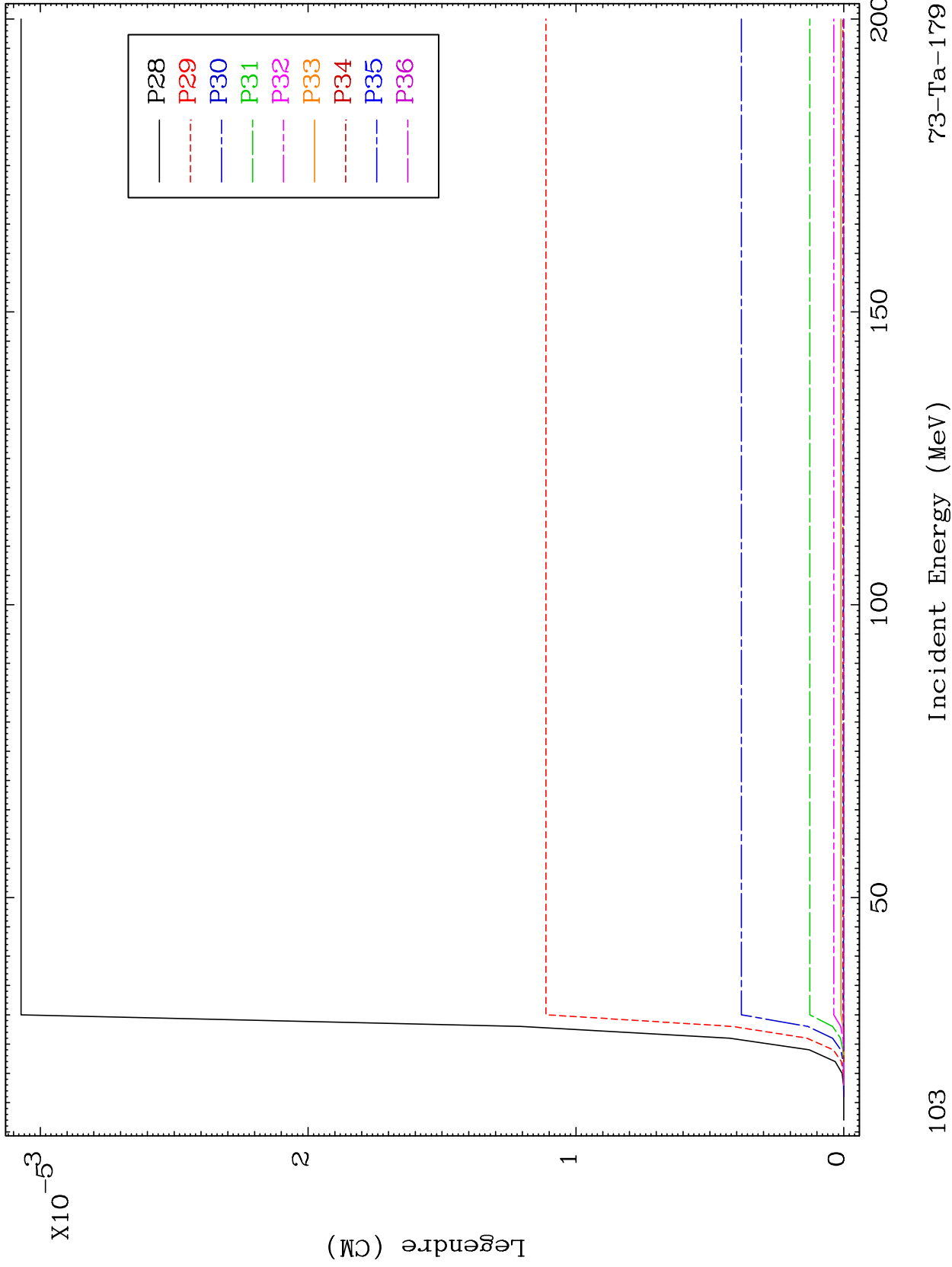




MAT 7322

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

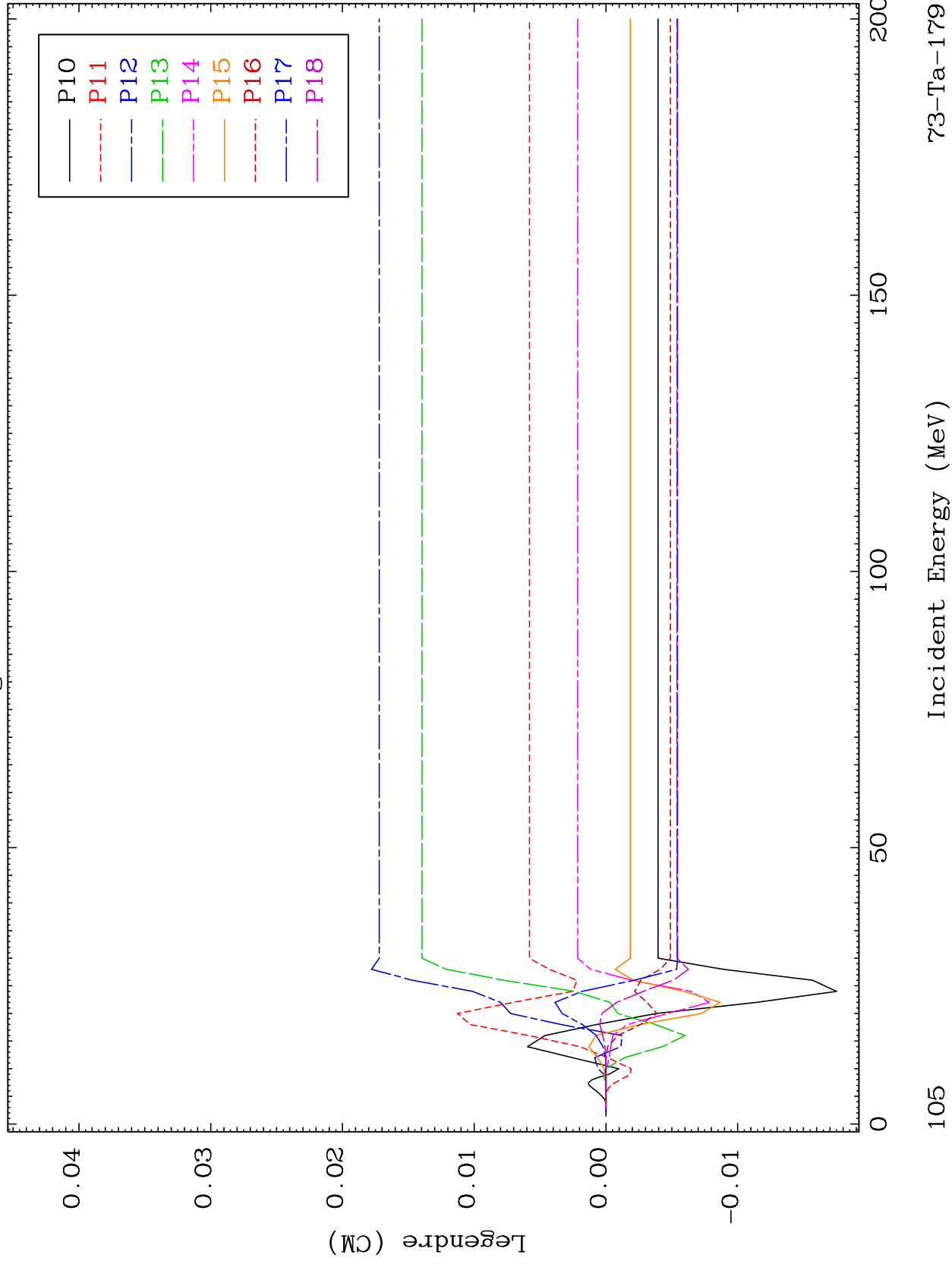
73-Ta-179



MAT 7322

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

73-Ta-179



73-Ta-179

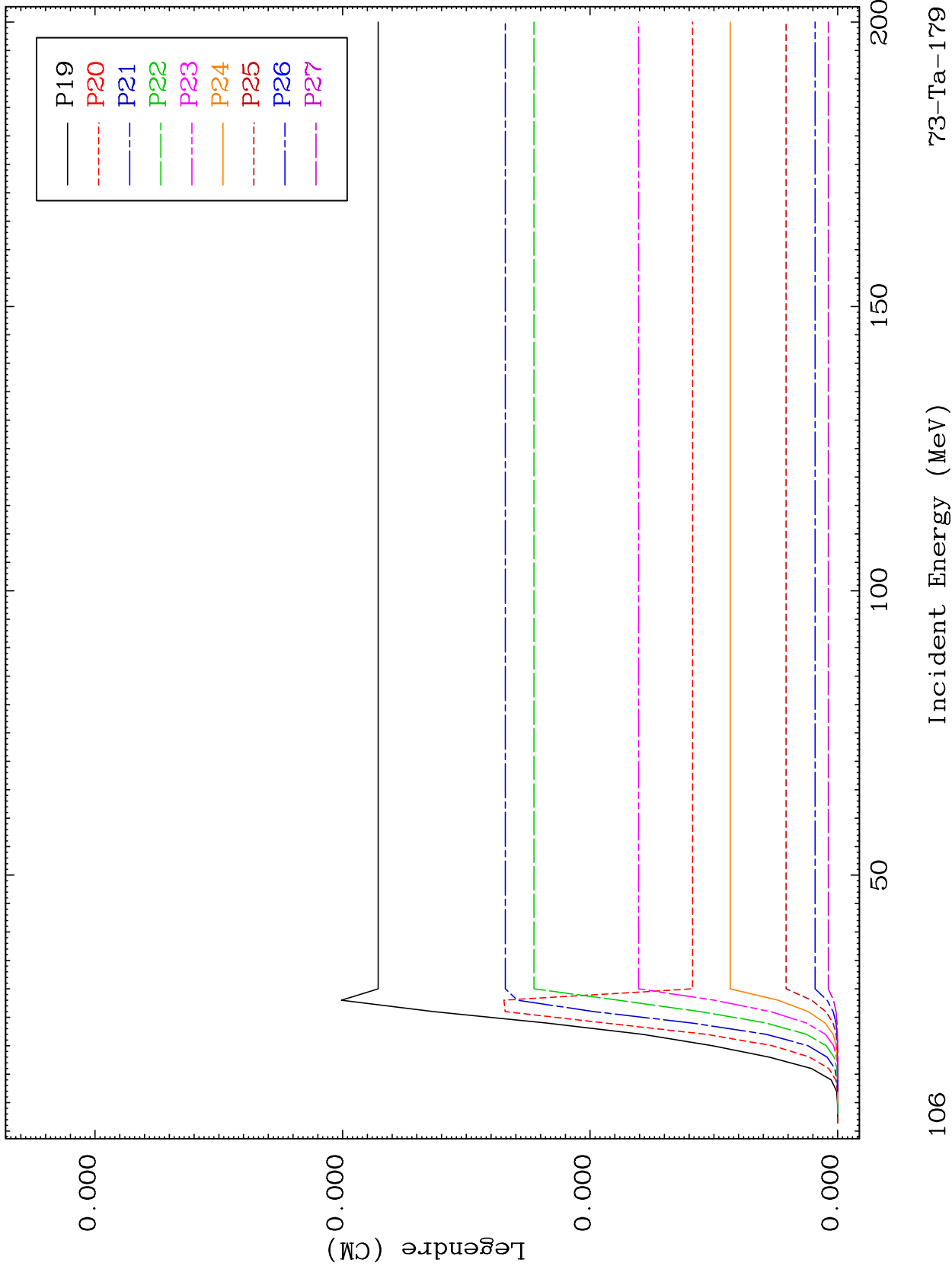
Incident Energy (MeV)

105

MAT 7322

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

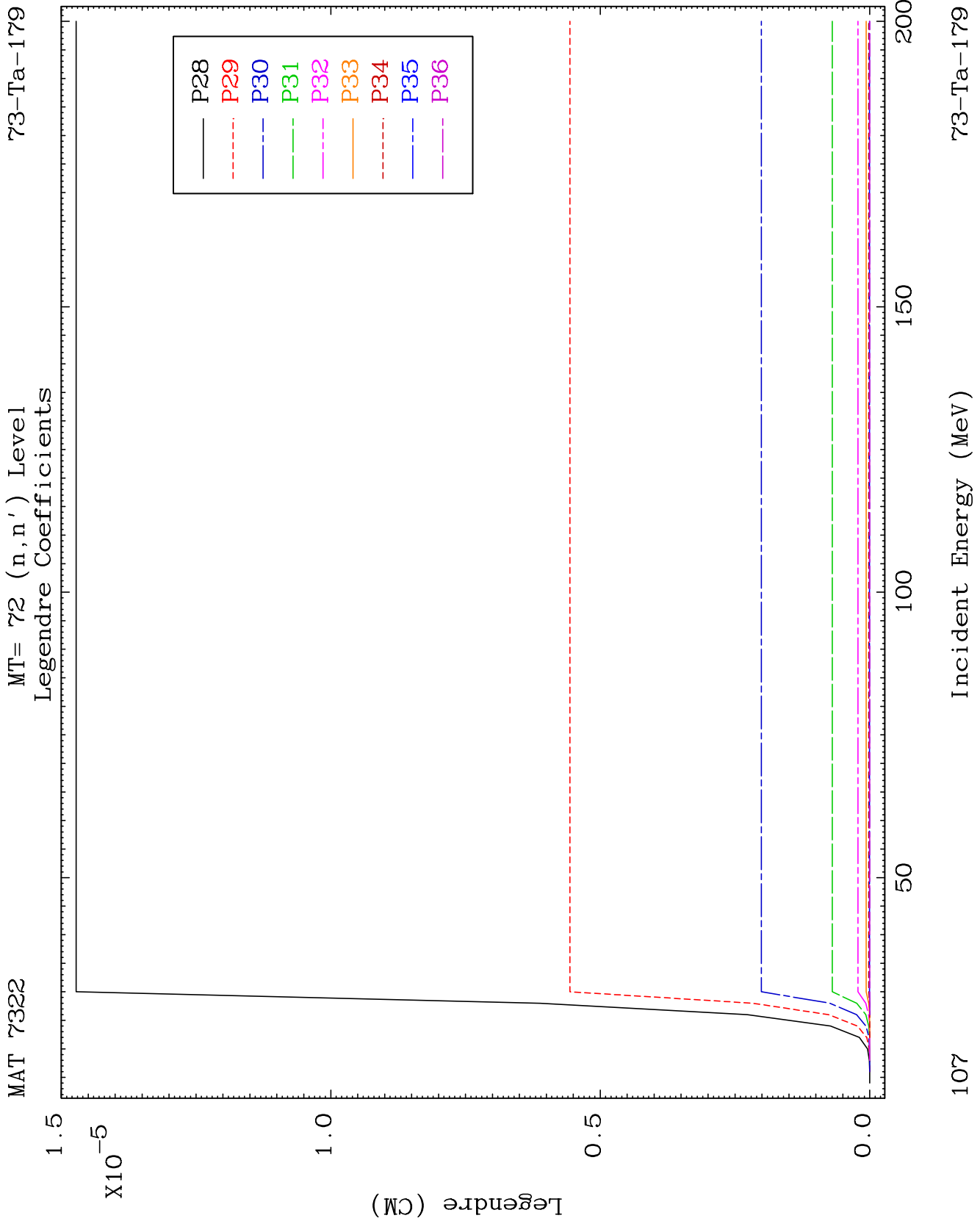
73-Ta-179



106

Incident Energy (MeV)

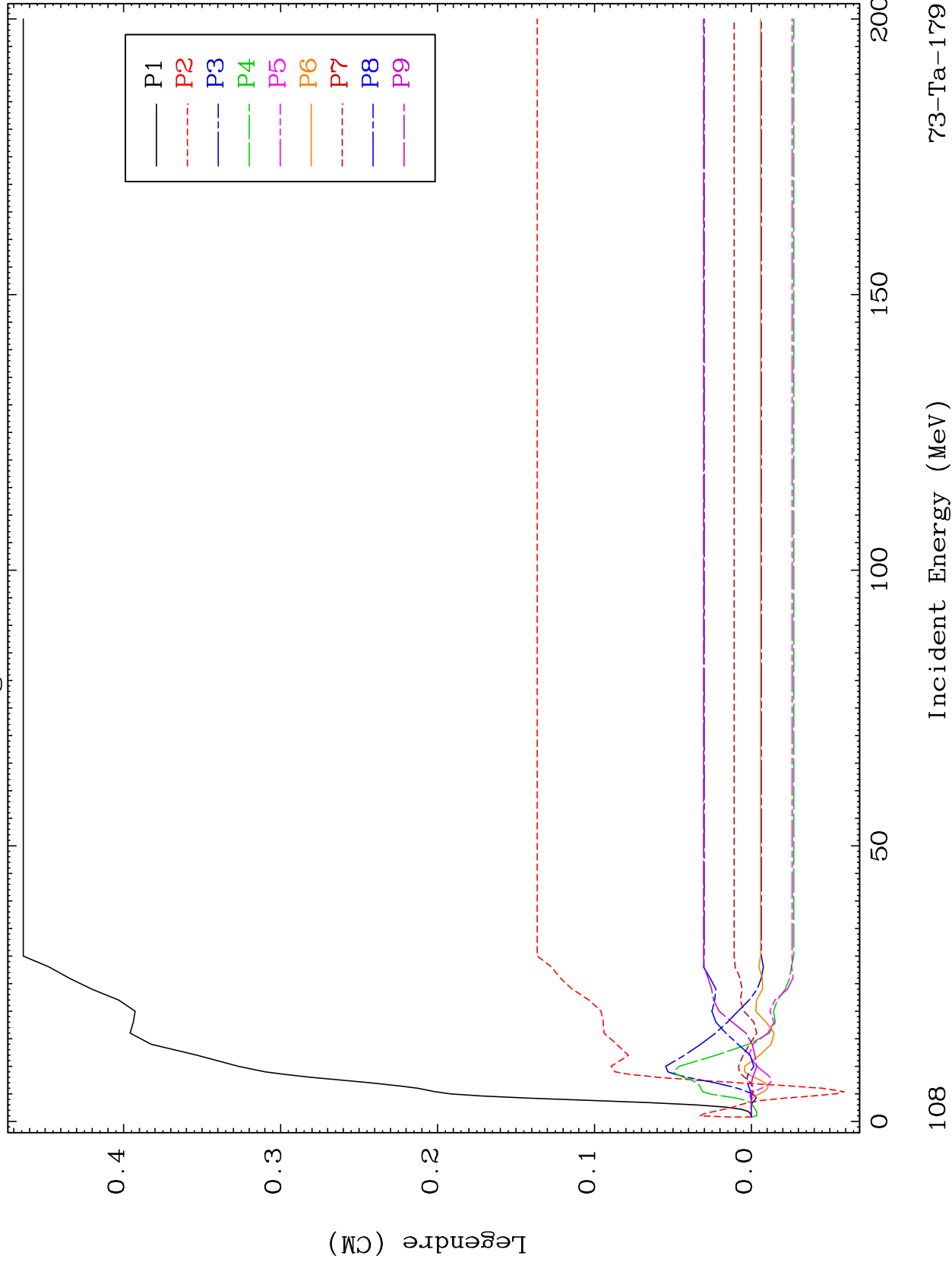
73-Ta-179



MAT 7322

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

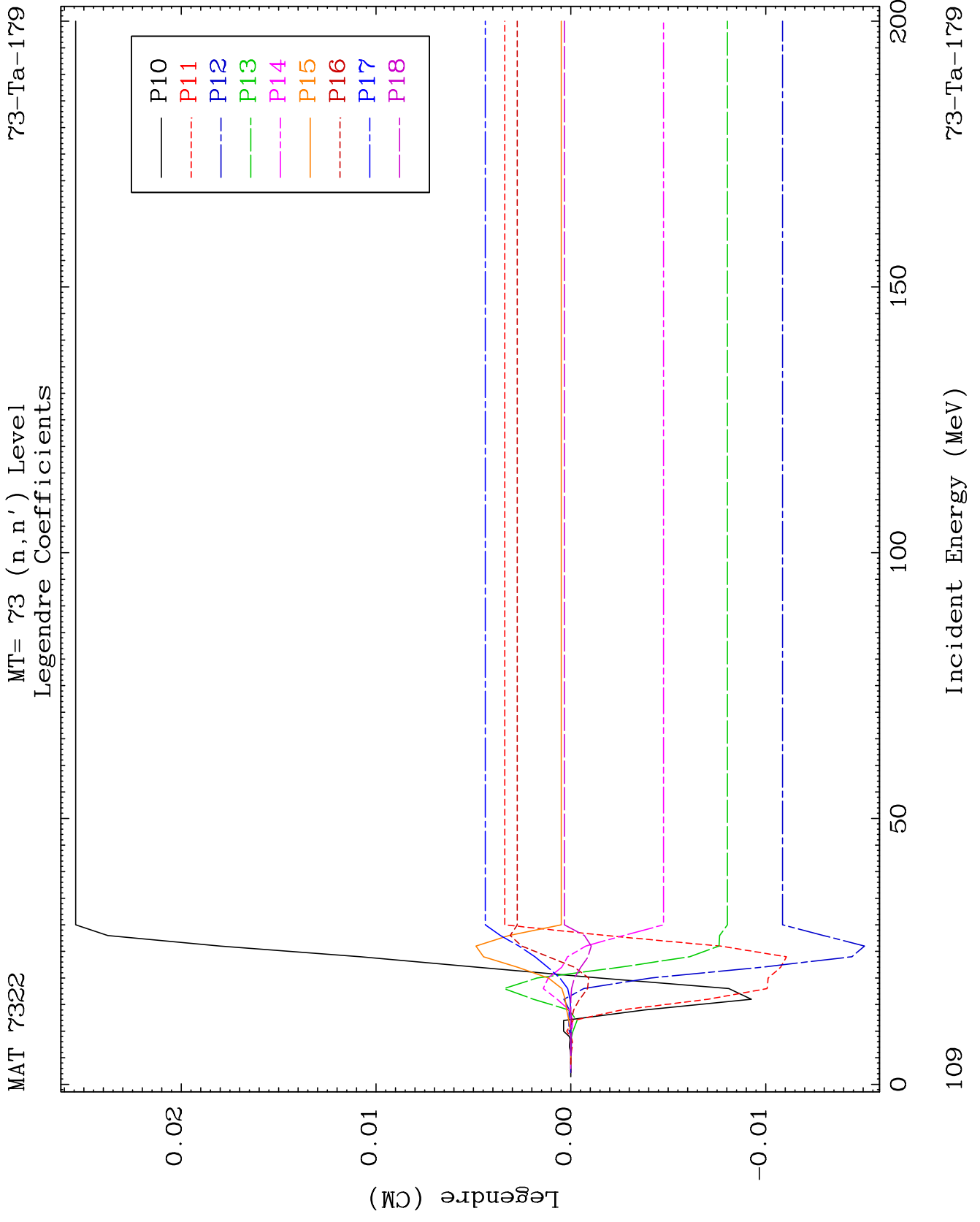
73-Ta-179



73-Ta-179

Incident Energy (MeV)

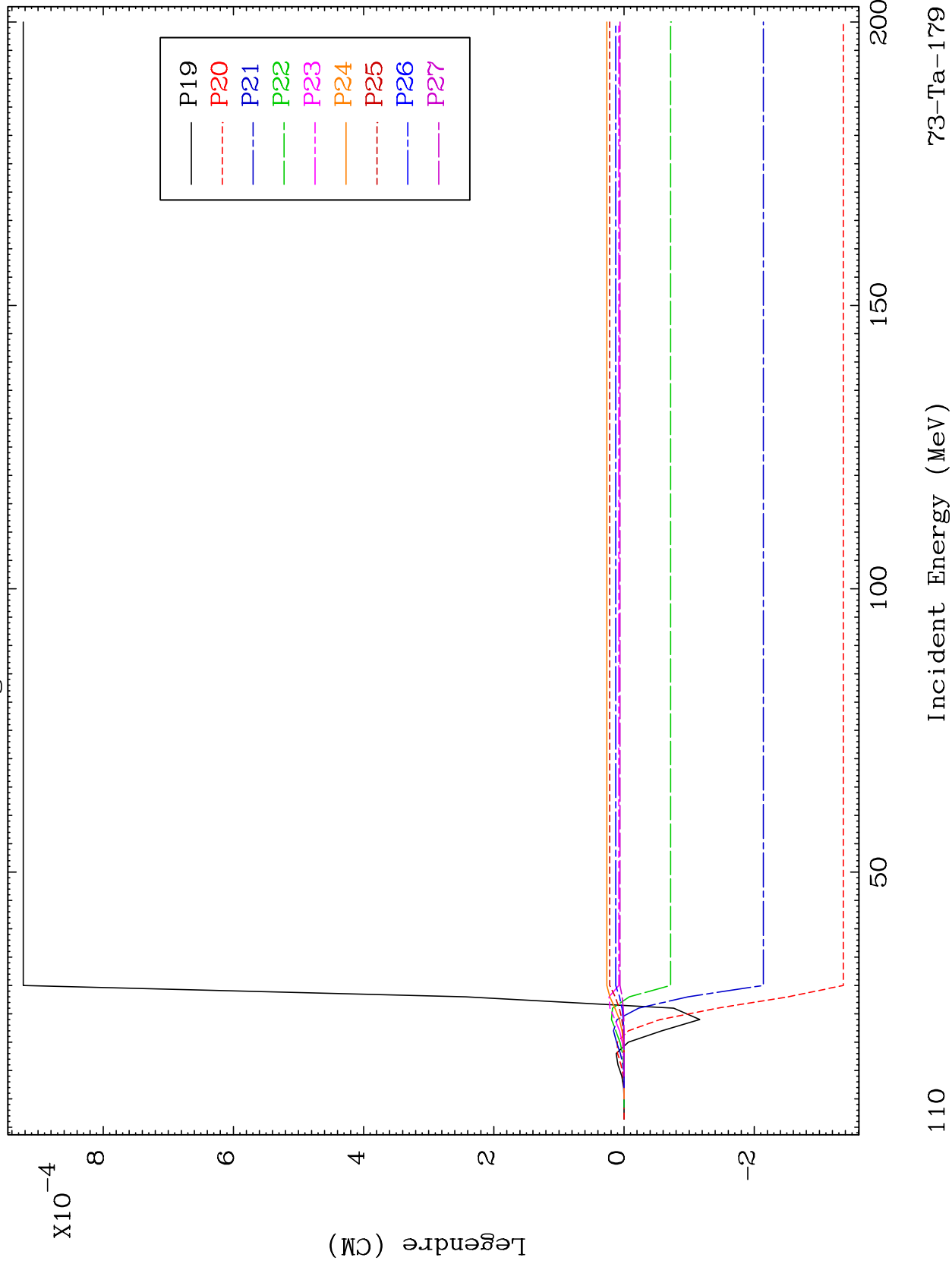
108

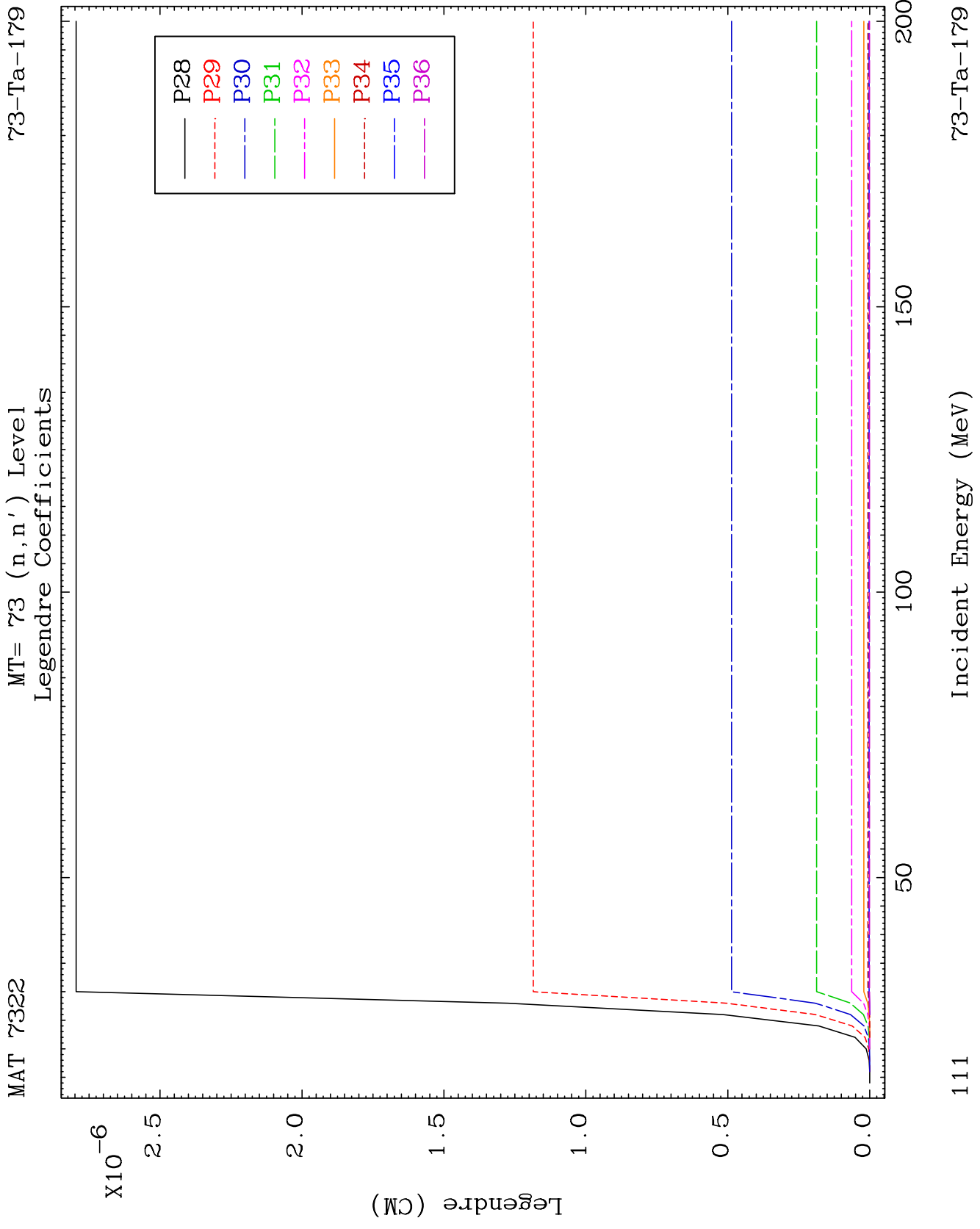


MAT 7322

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

73-Ta-179

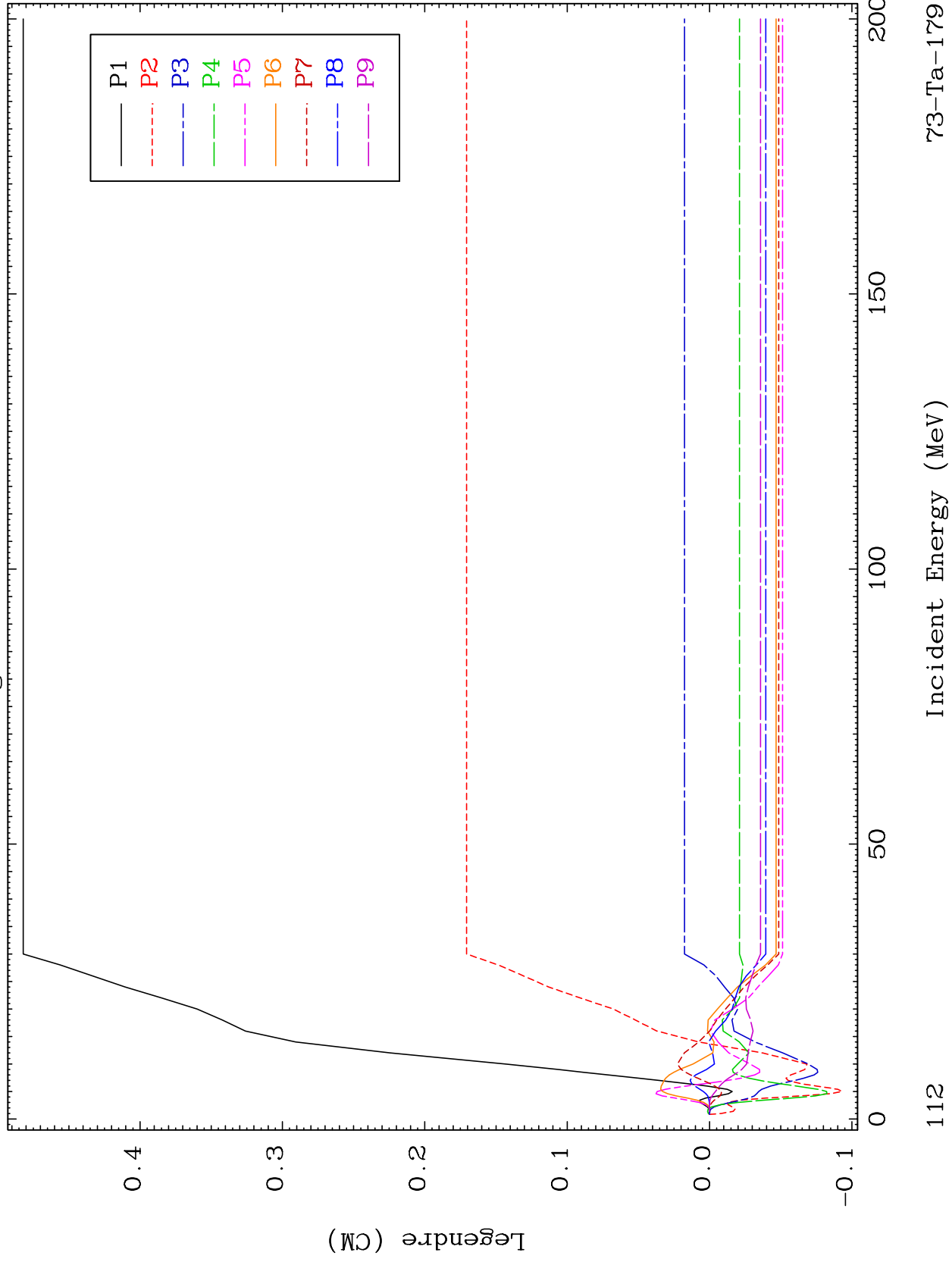




MAT 7322

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

73-Ta-179



73-Ta-179

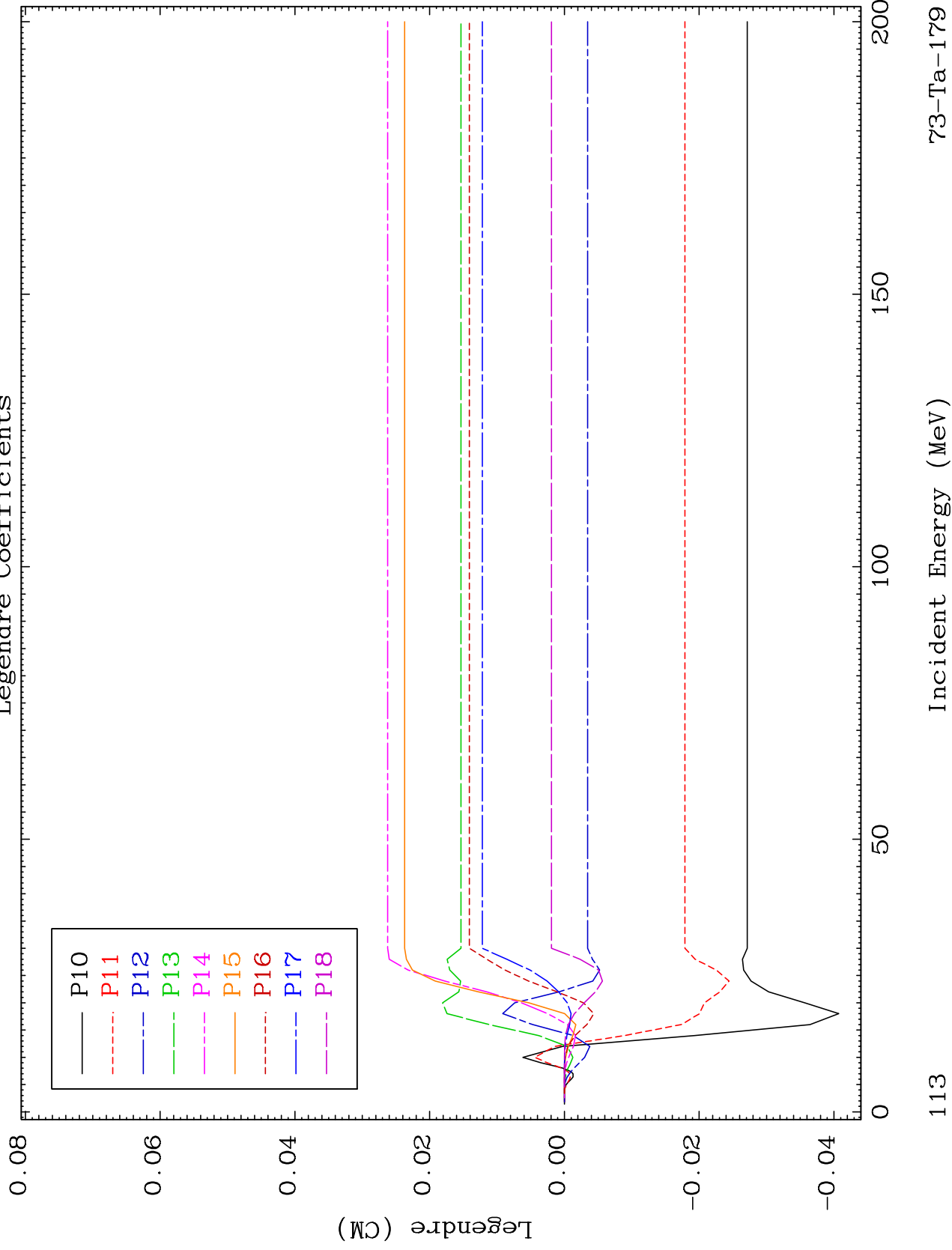
Incident Energy (MeV)

112

MAT 7322

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

73-Ta-179



113

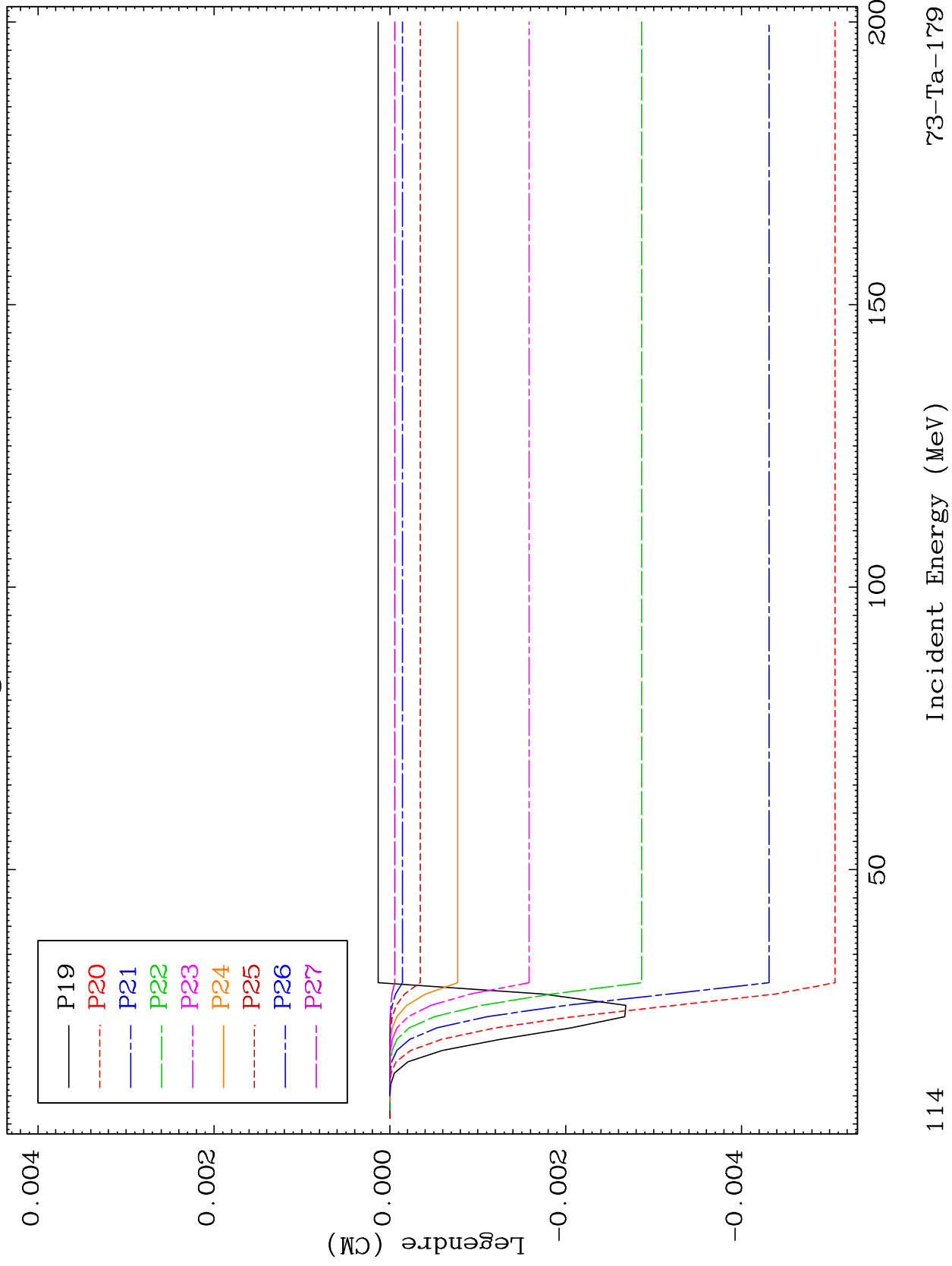
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

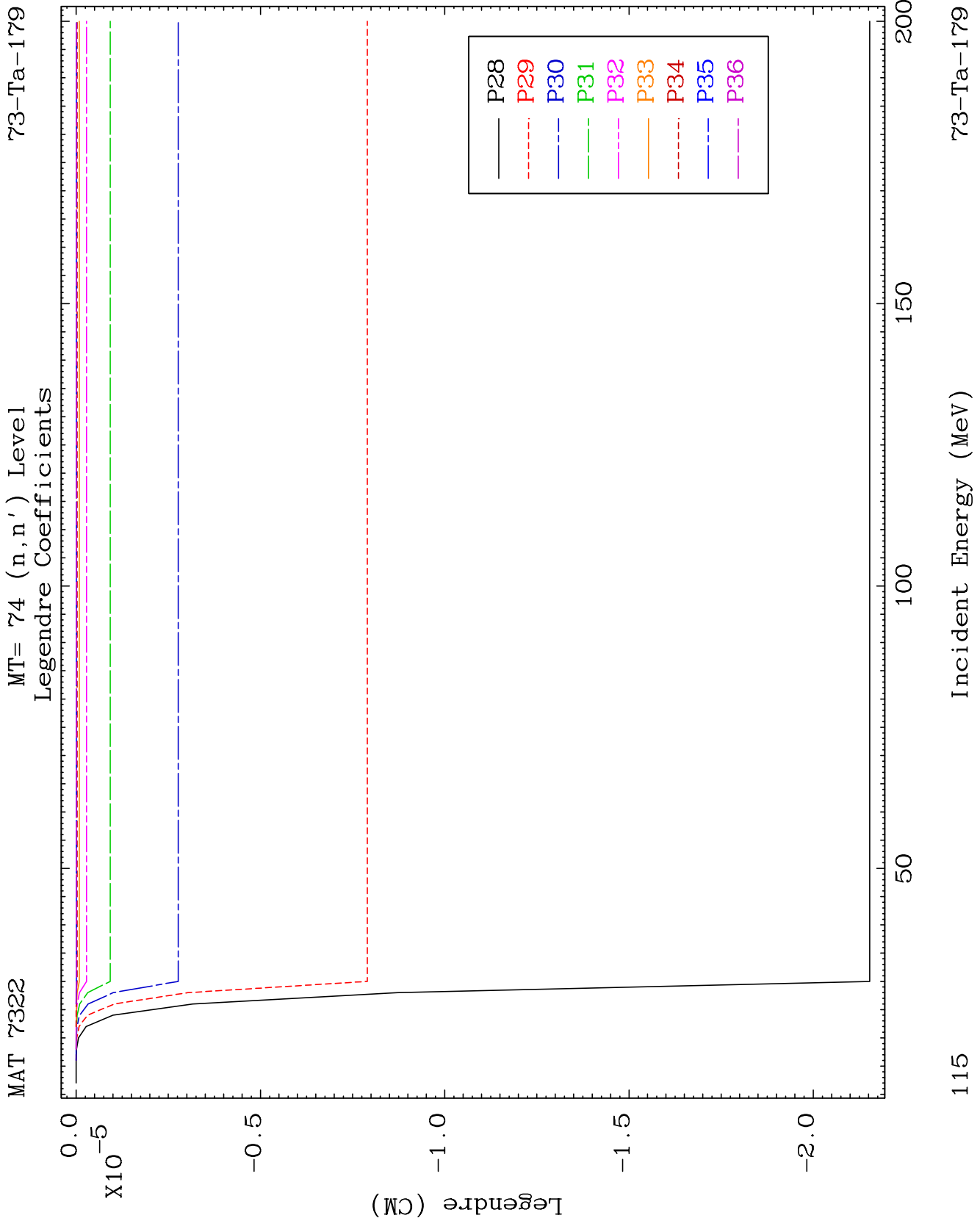
73-Ta-179



114

Incident Energy (MeV)

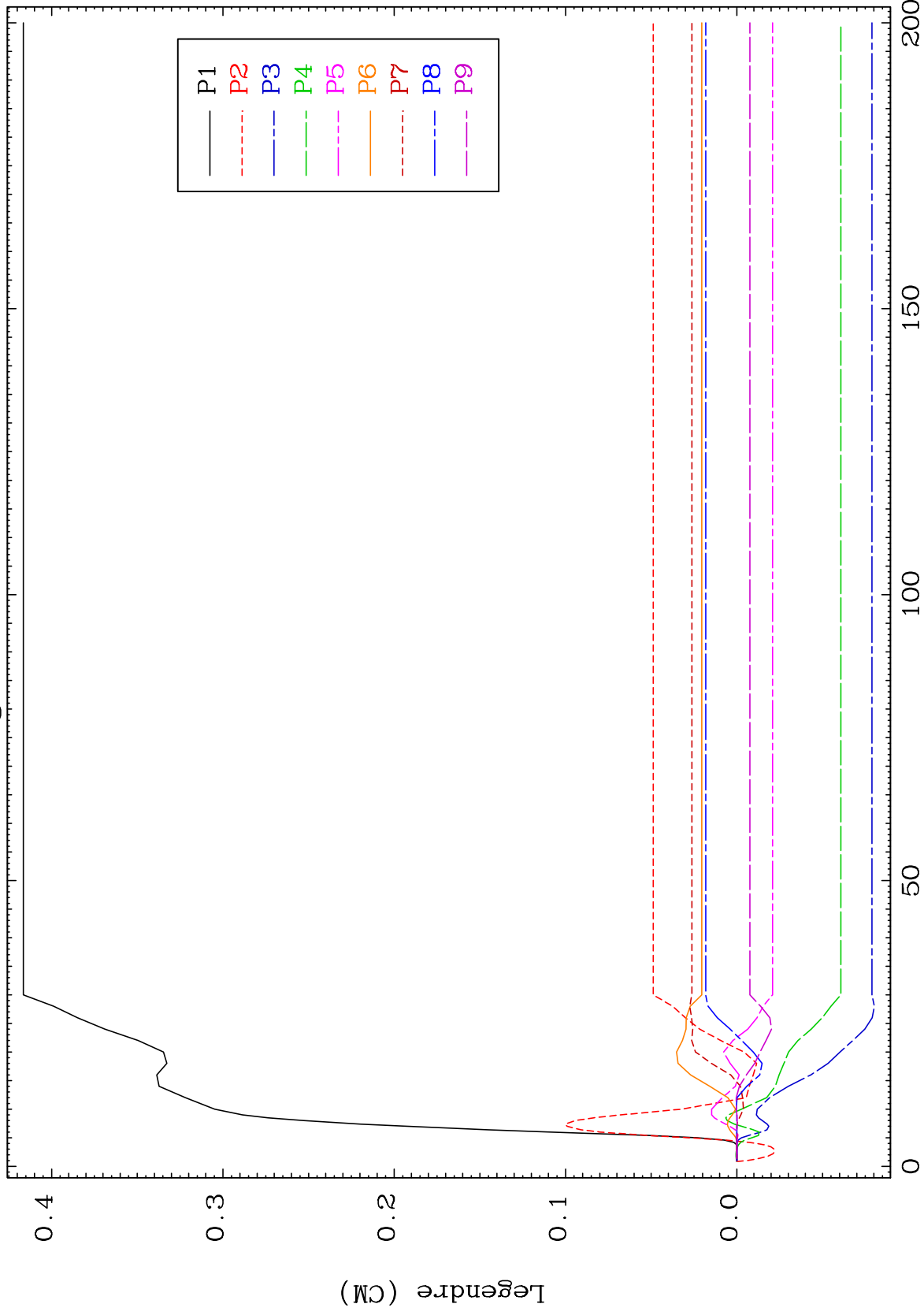
73-Ta-179



MAT 7322

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

73-Ta-179



116

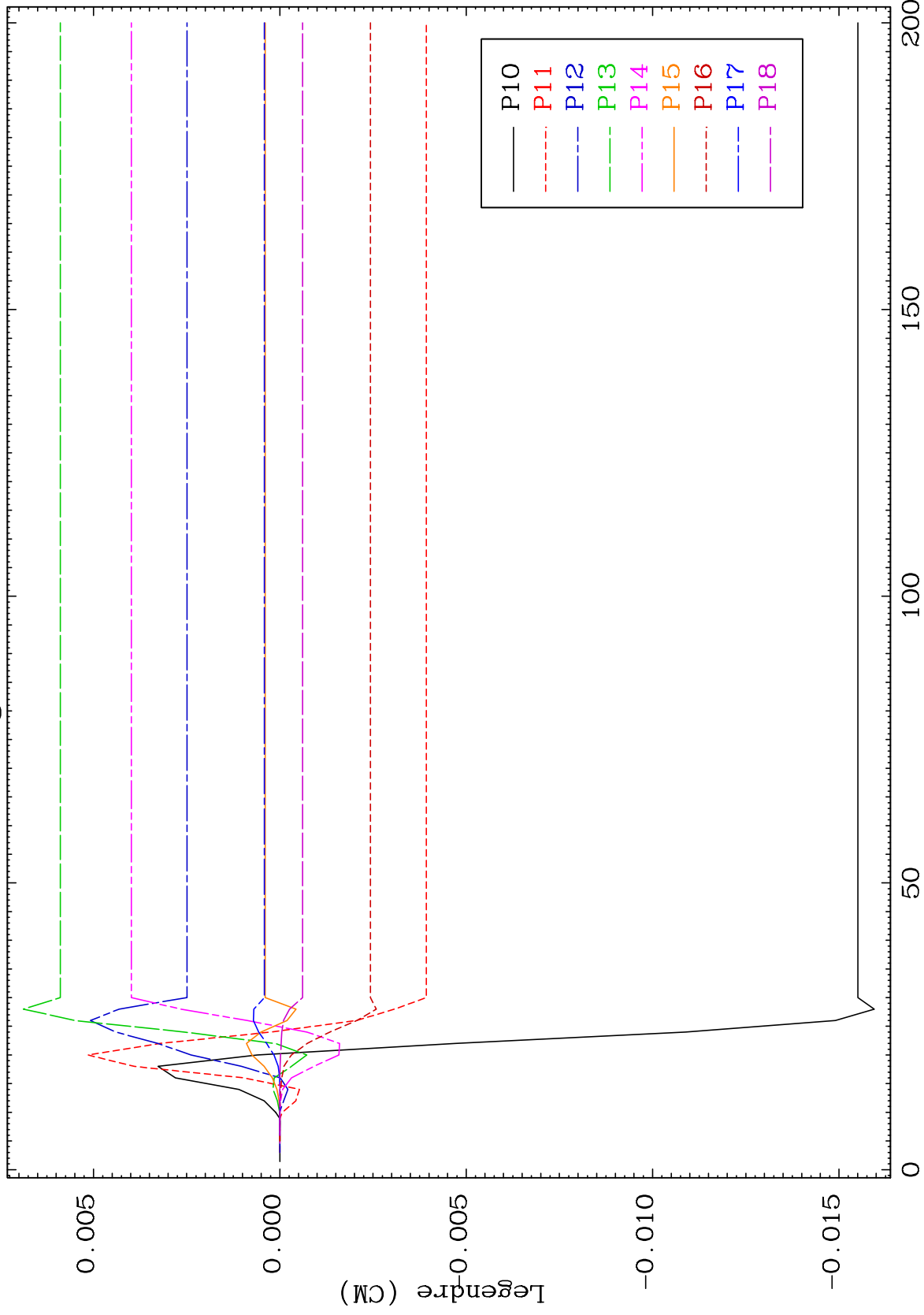
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



117

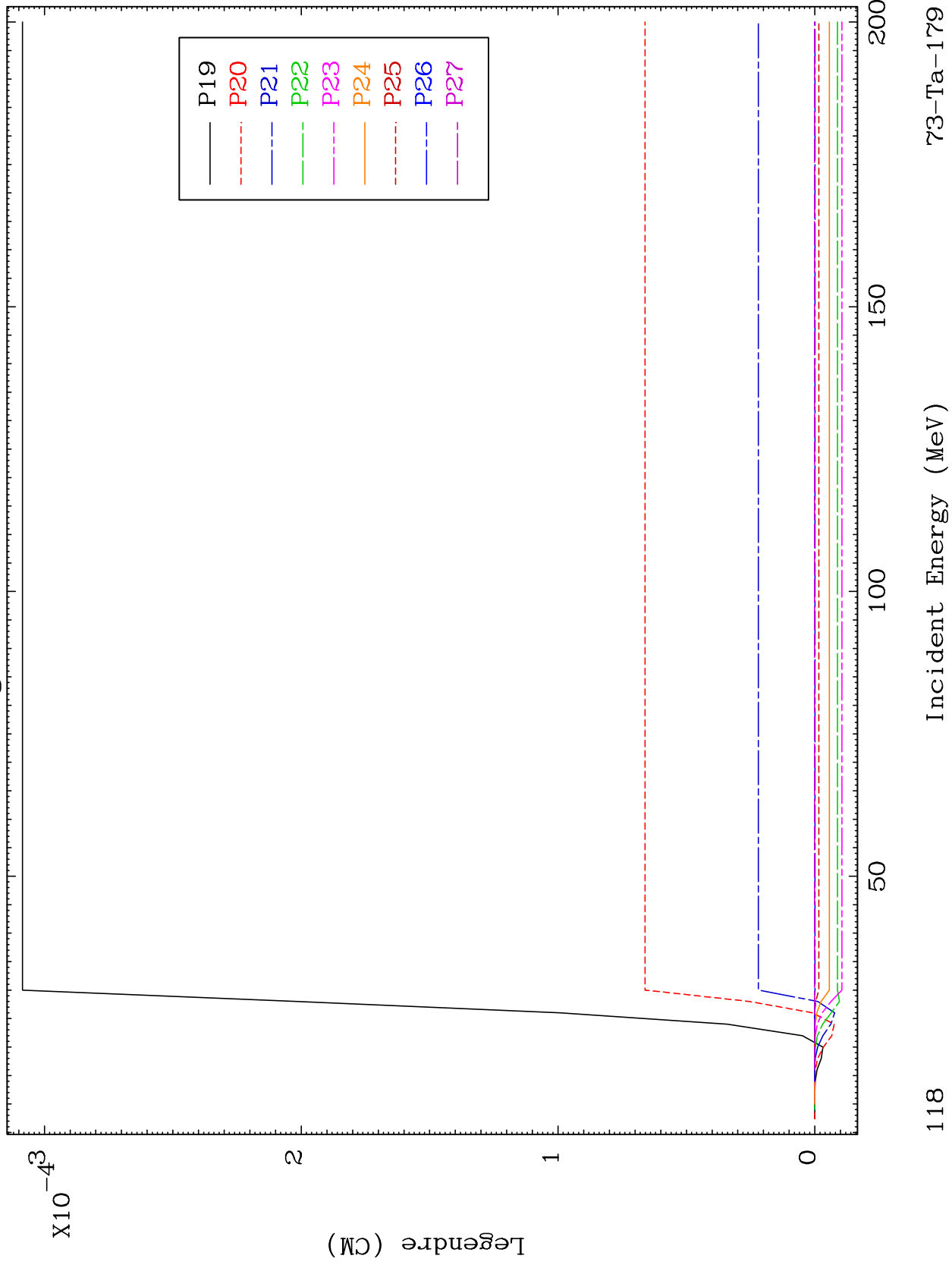
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179

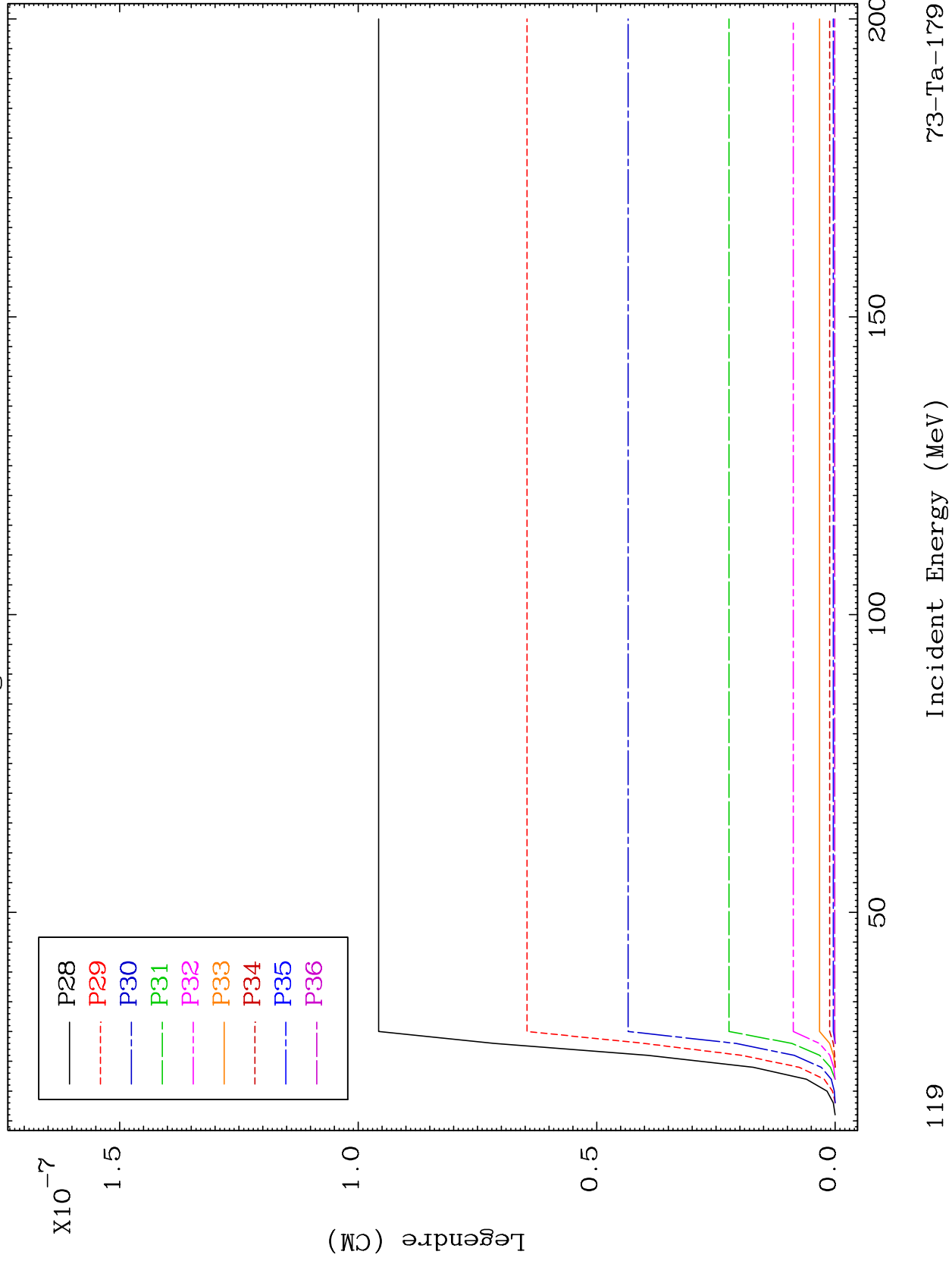


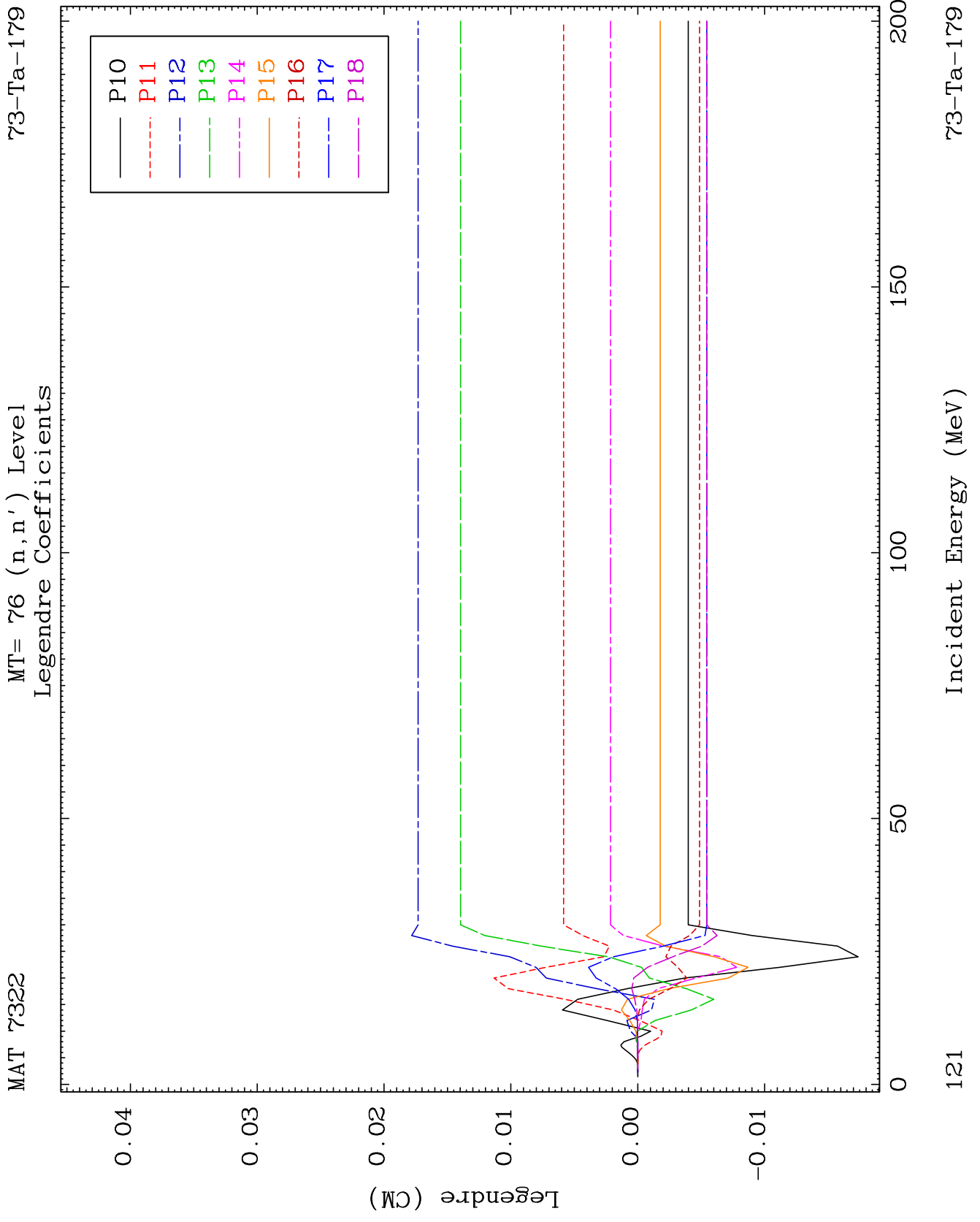
118

MAT 7322

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

73-Ta-179

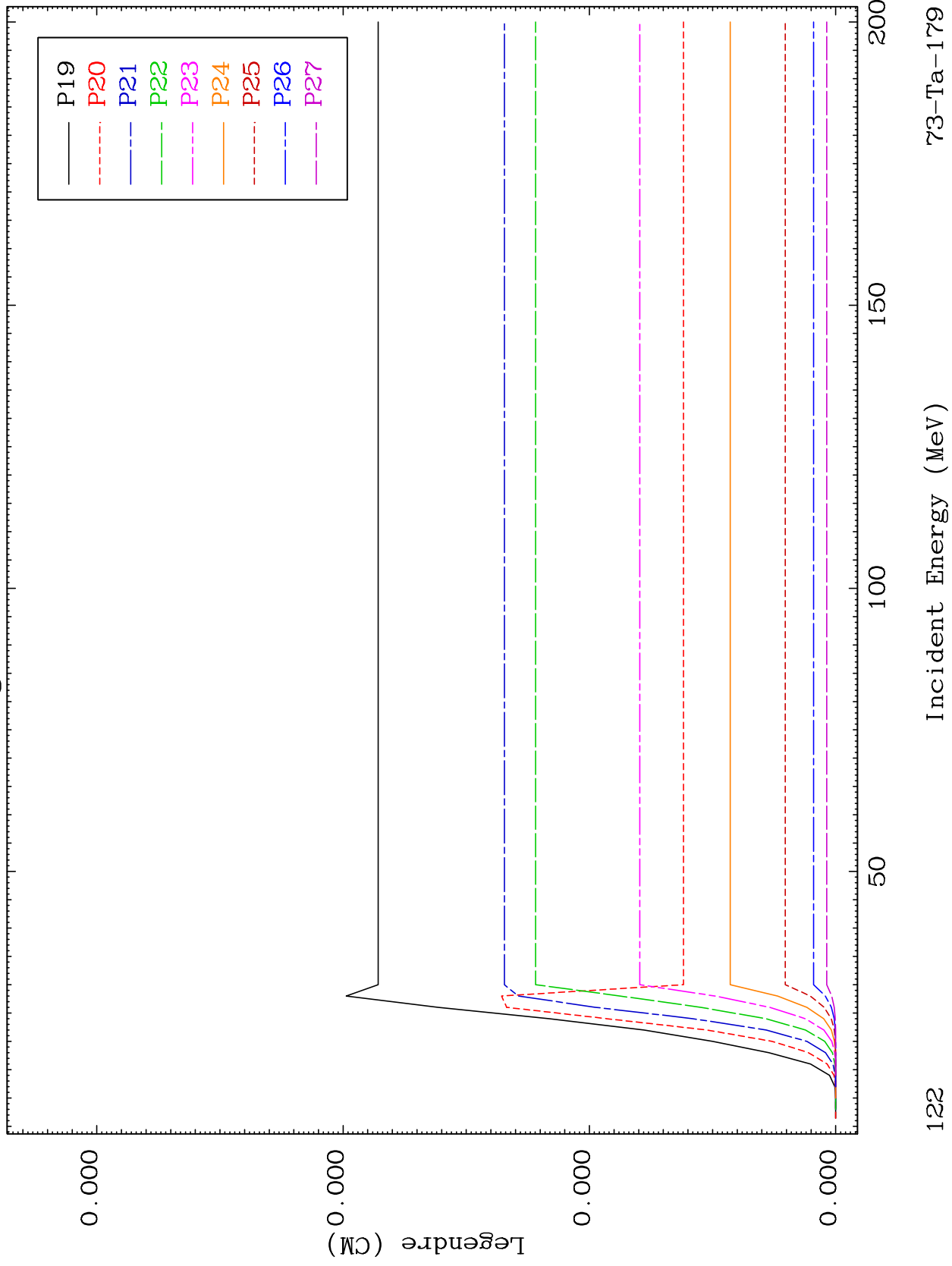




MAT 7322

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

73-Ta-179



122

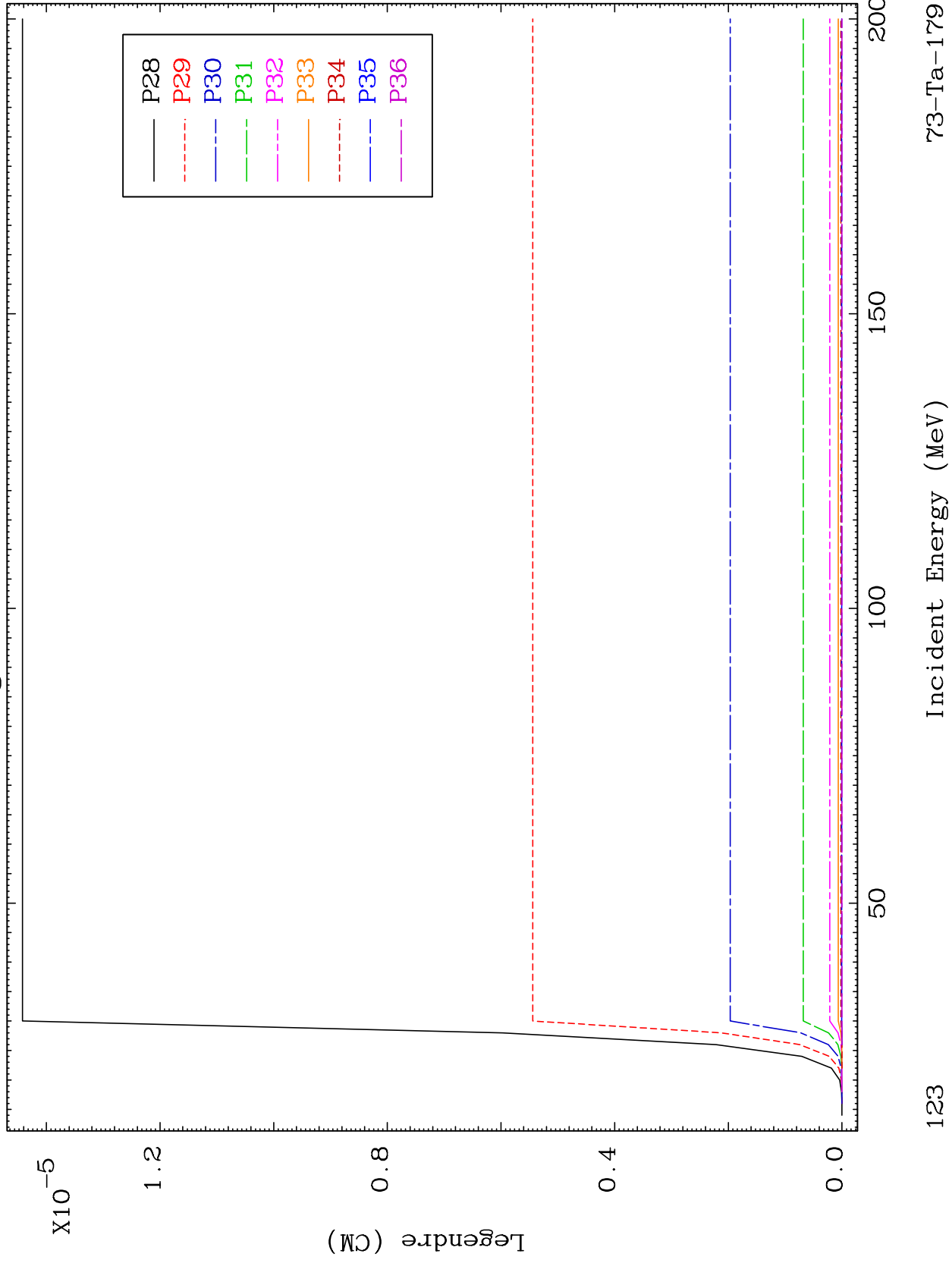
Incident Energy (MeV)

73-Ta-179

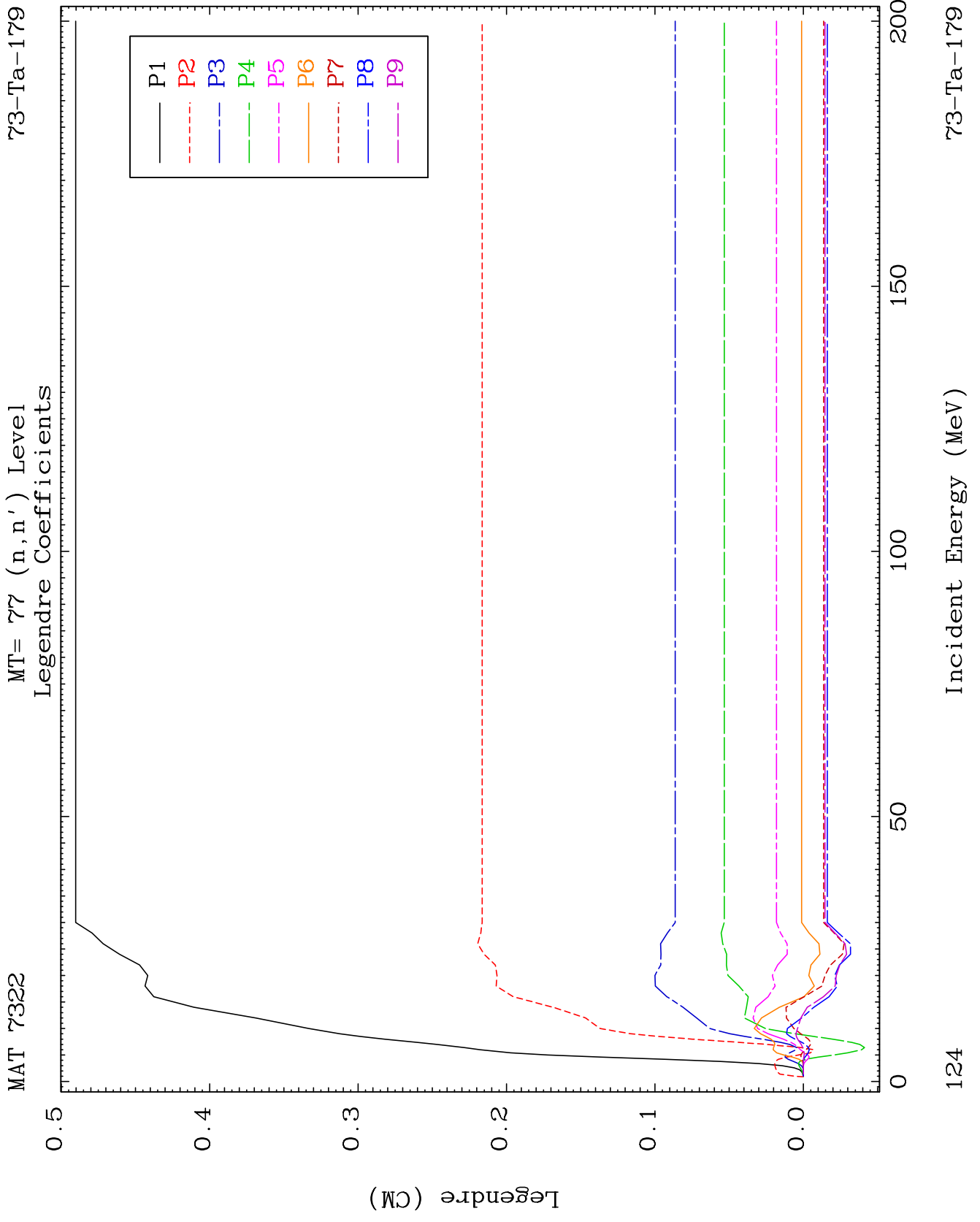
MAT 7322

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

73-Ta-179



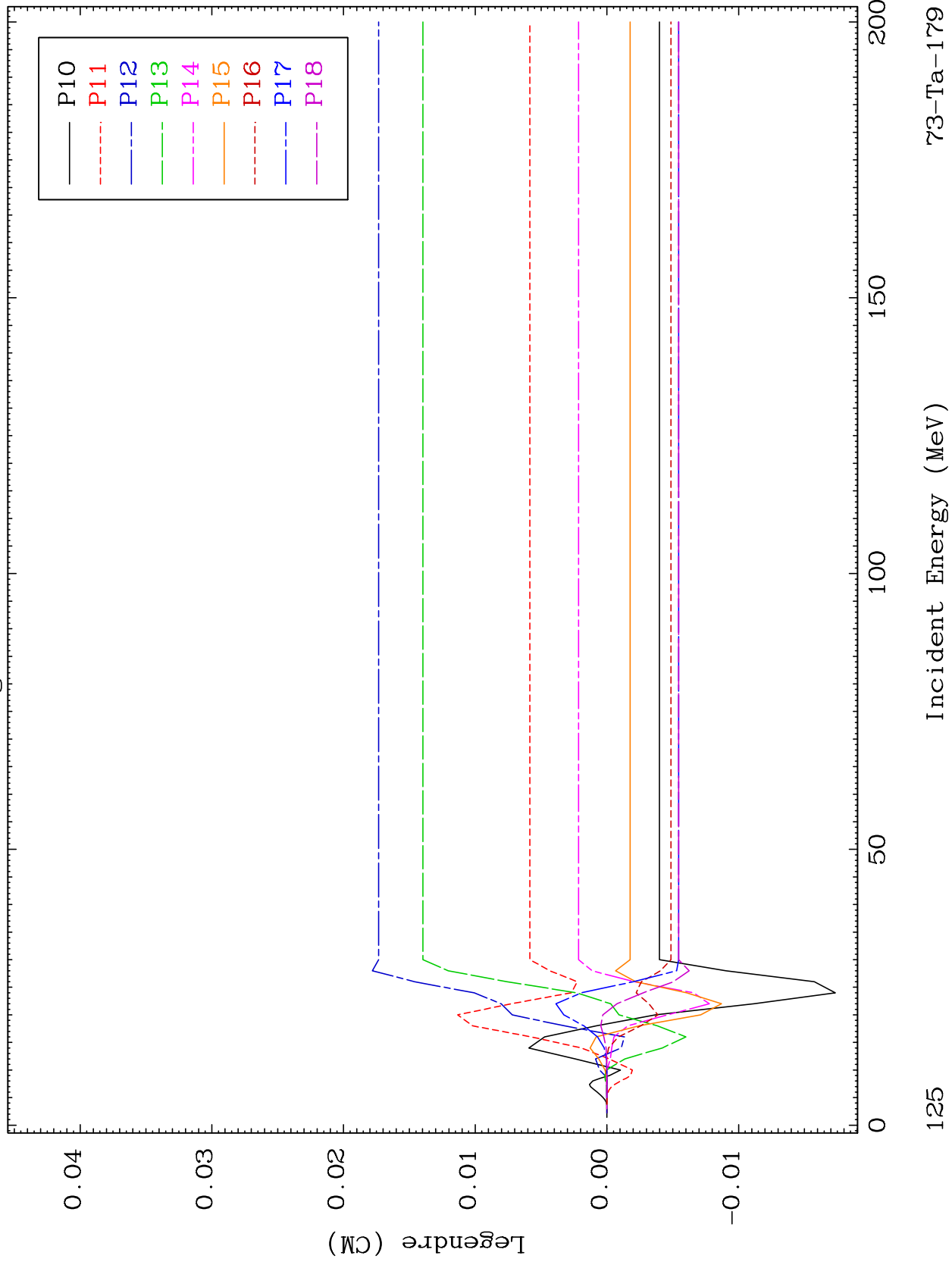
123



MAT 7322

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

73-Ta-179



73-Ta-179

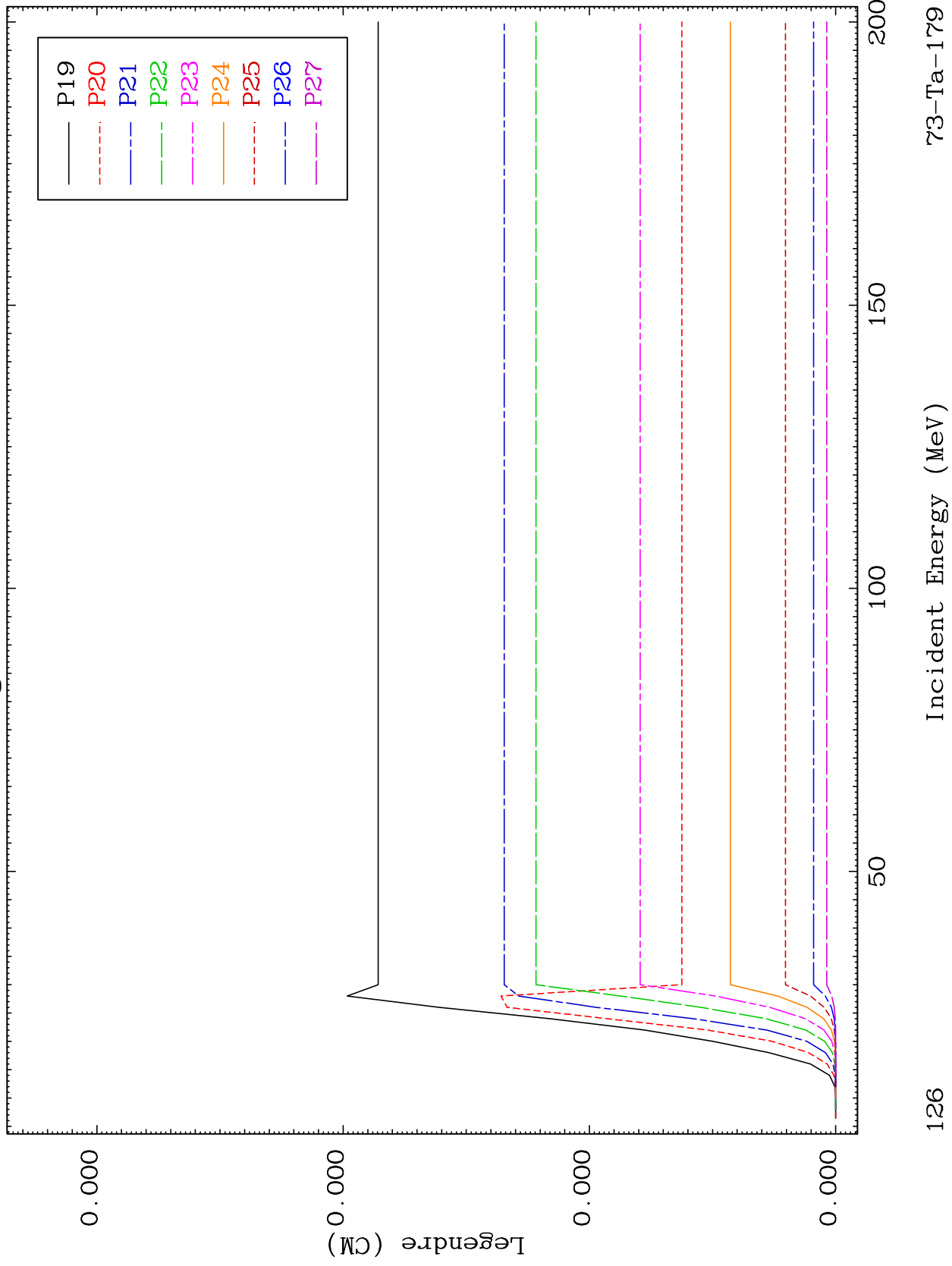
Incident Energy (MeV)

125

MAT 7322

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

73-Ta-179



126

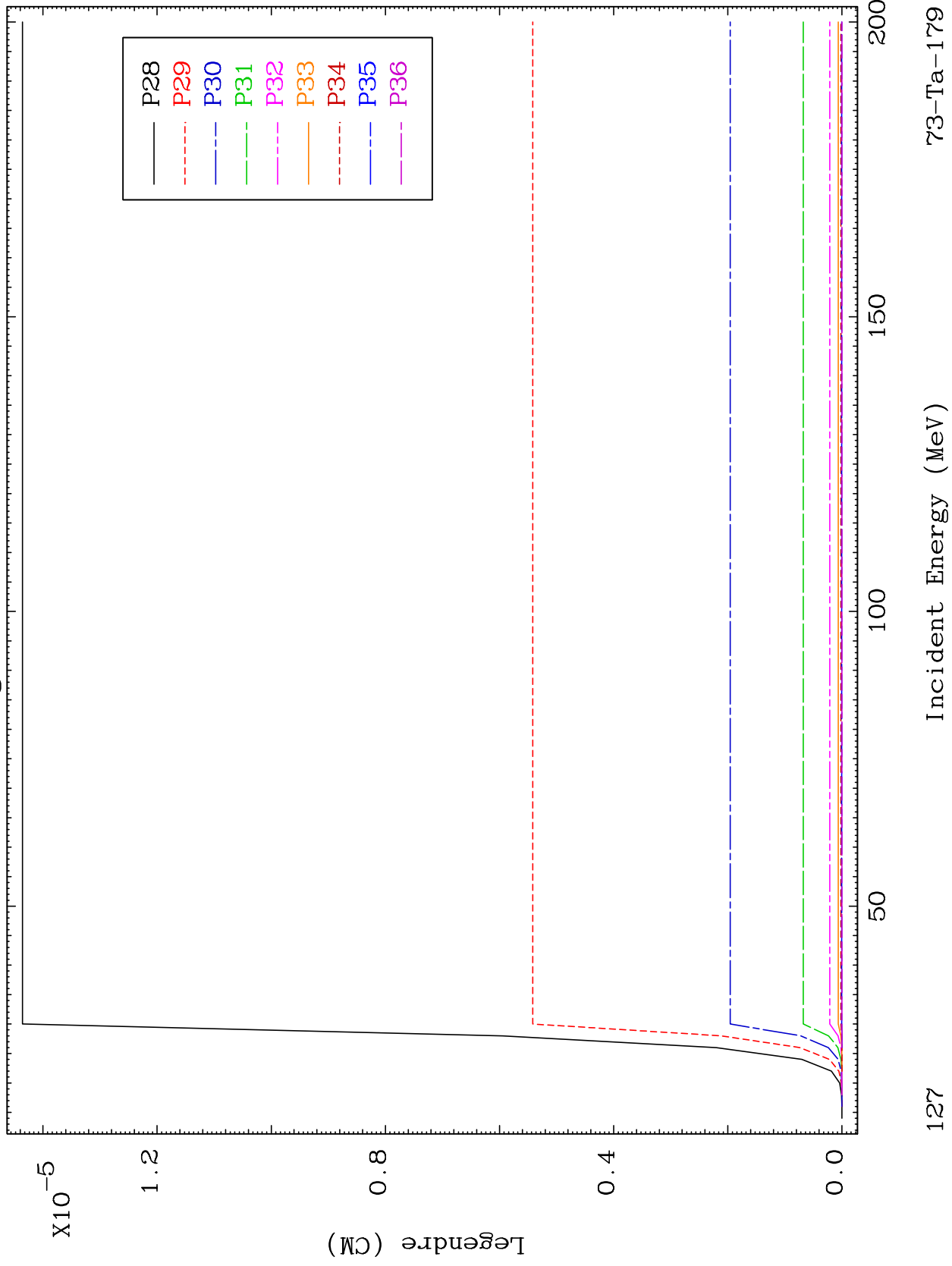
Incident Energy (MeV)

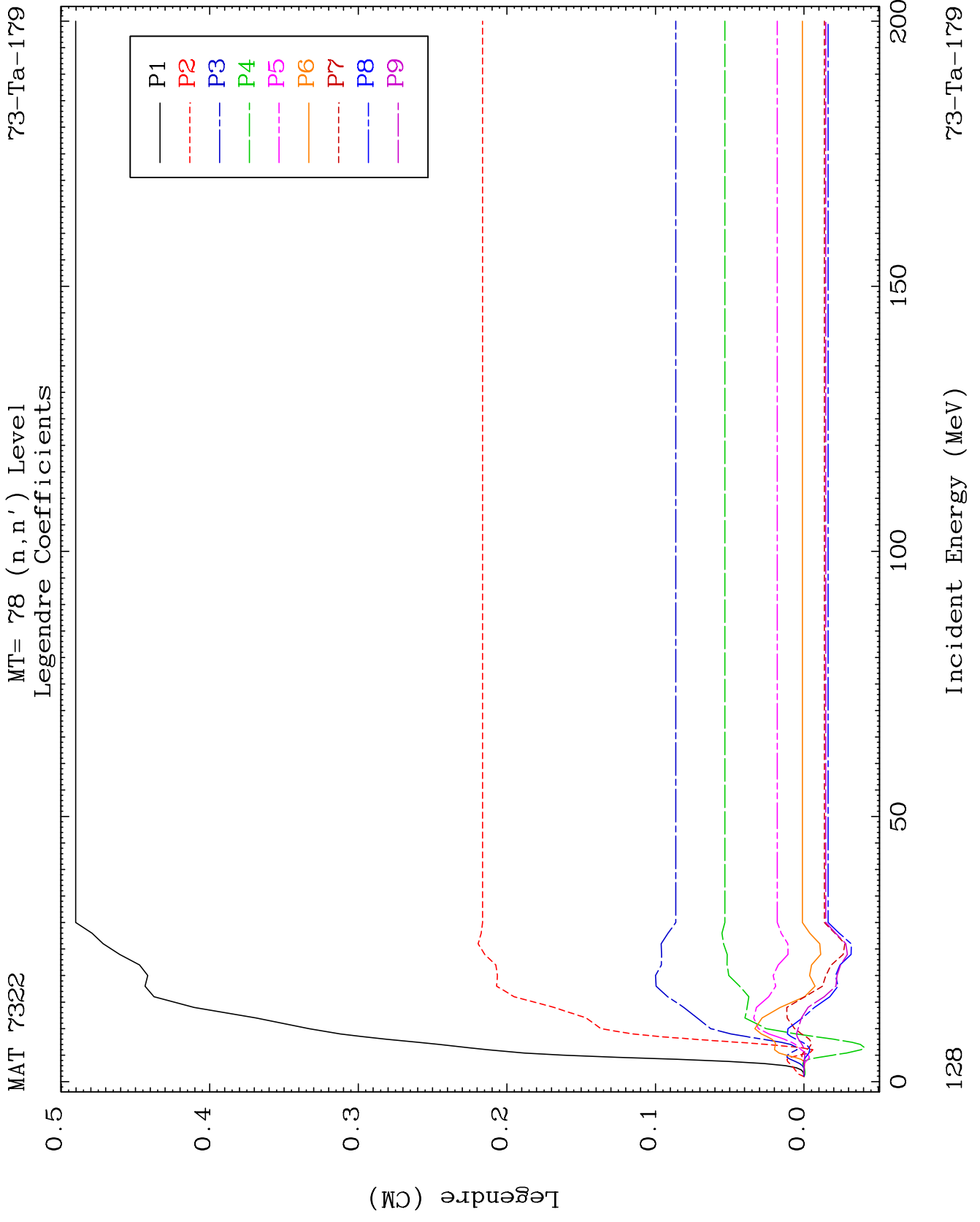
73-Ta-179

MAT 7322

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

73-Ta-179

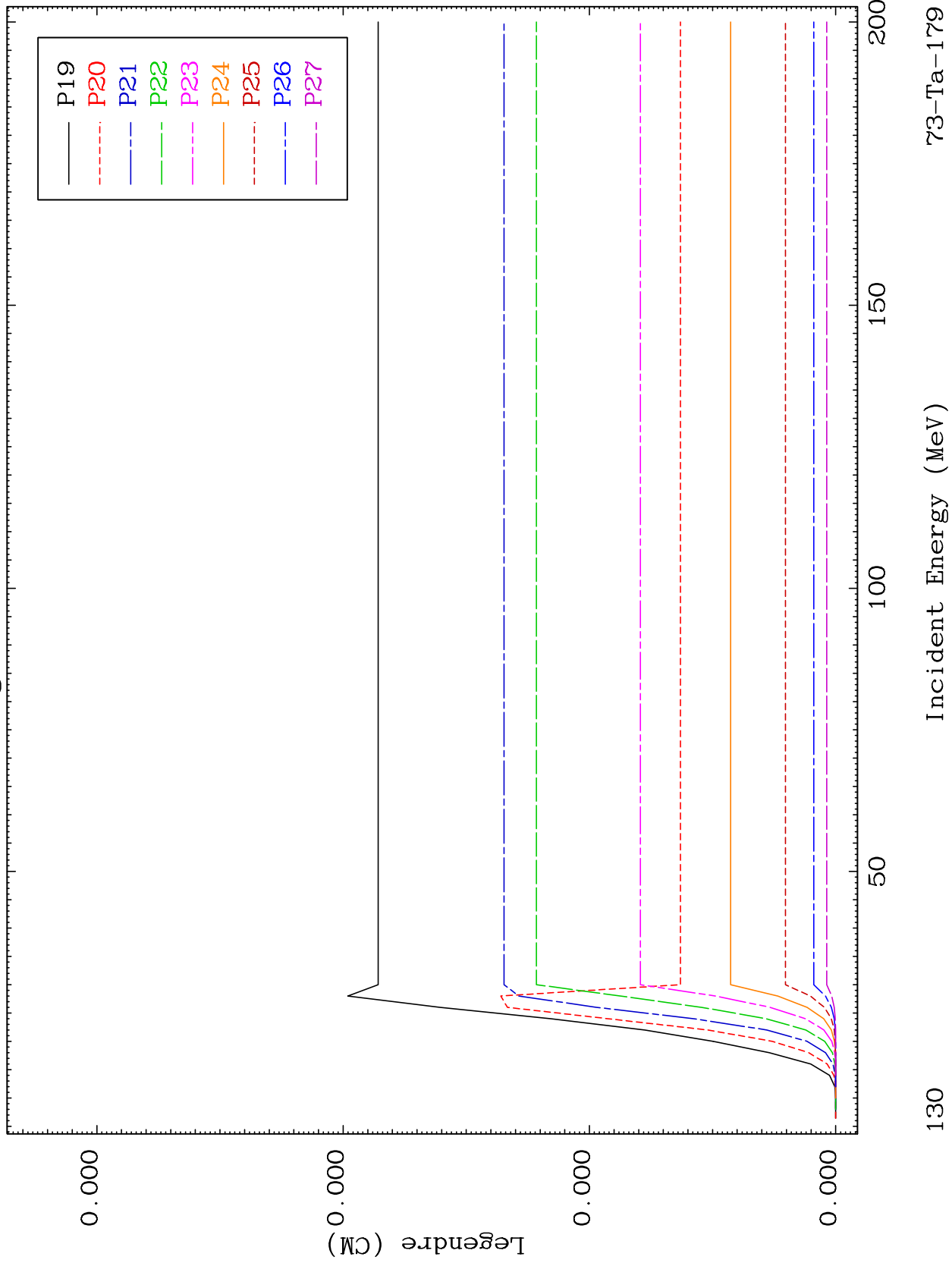




MAT 7322

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

73-Ta-179



130

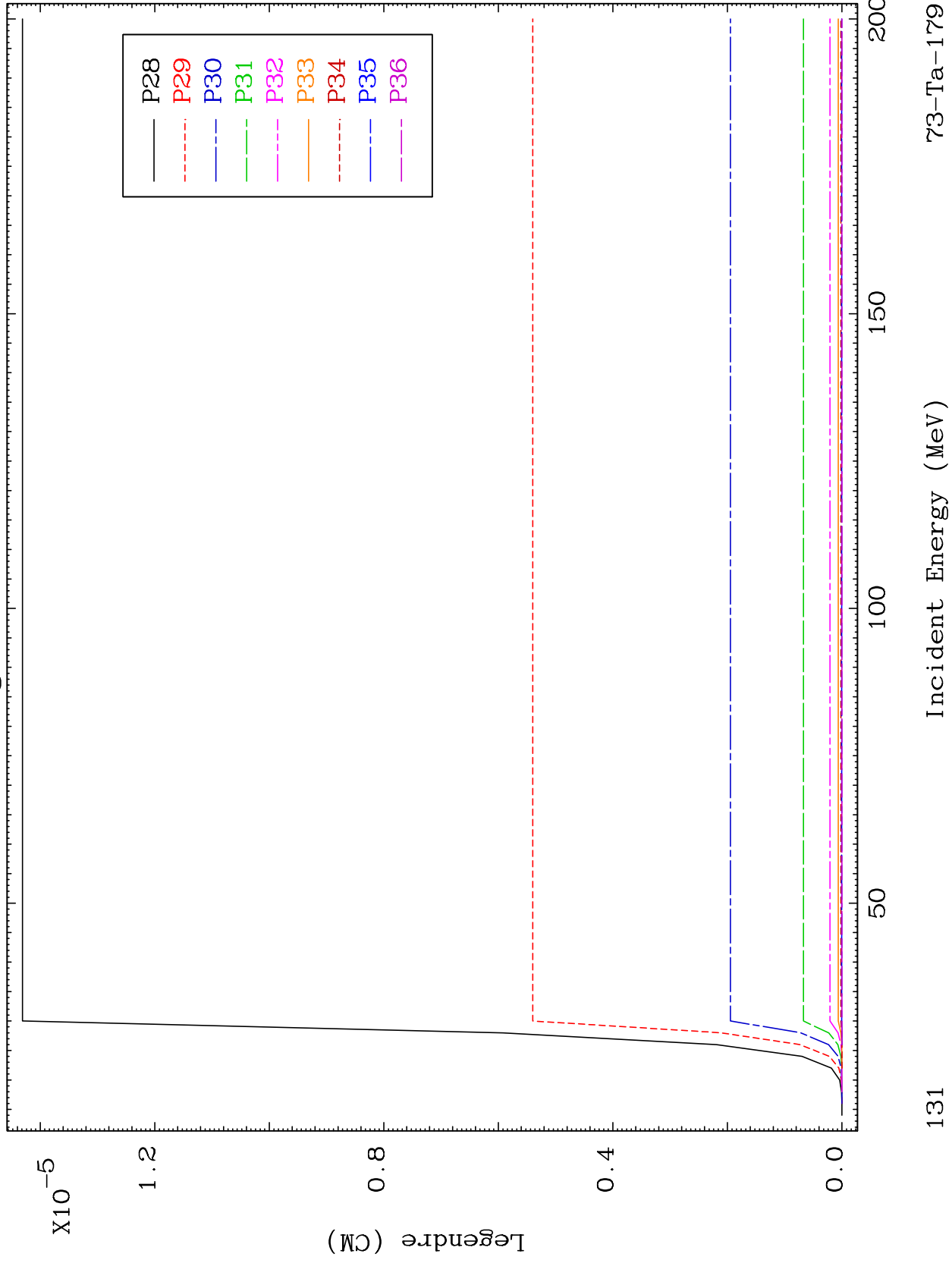
Incident Energy (MeV)

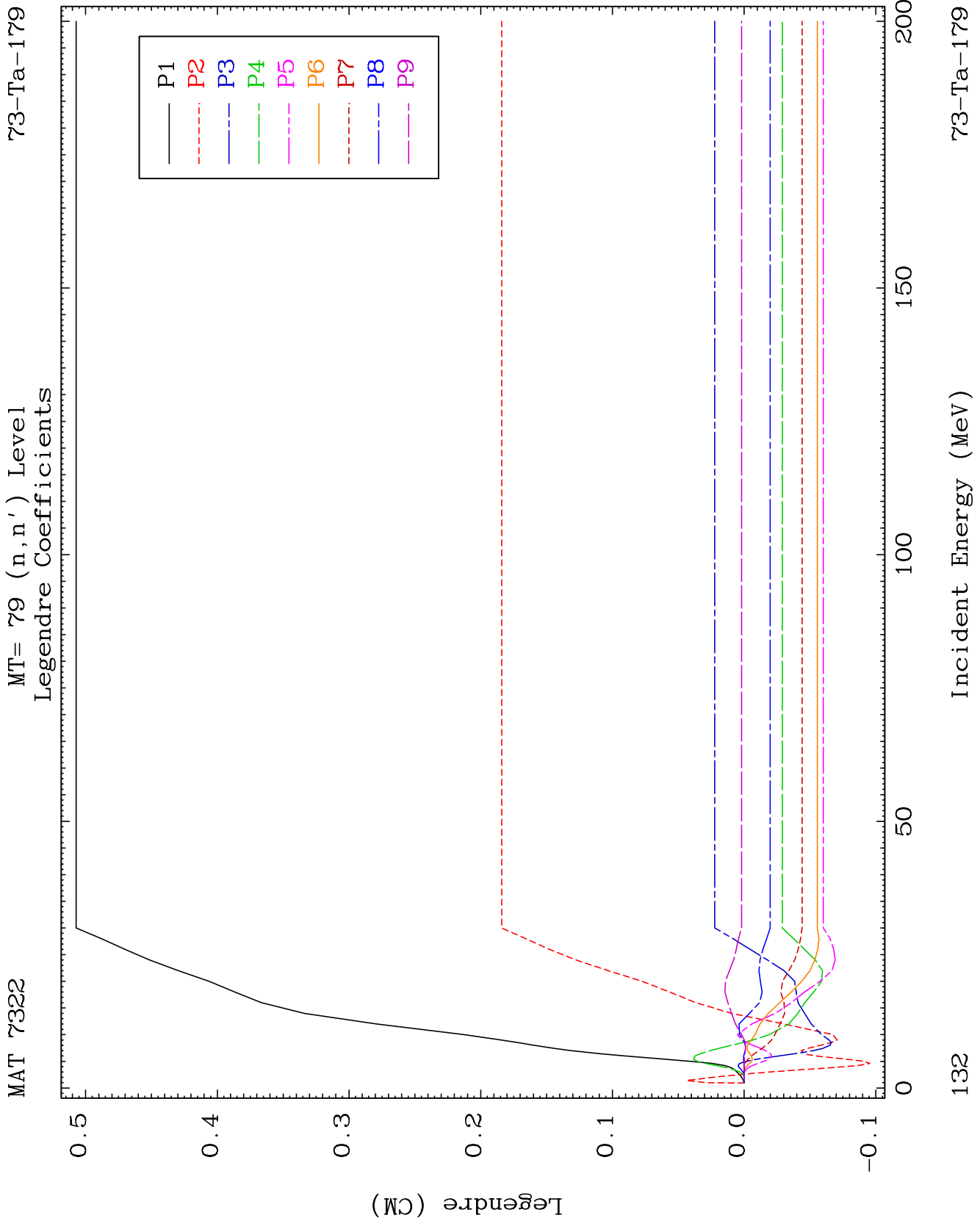
73-Ta-179

MAT 7322

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

73-Ta-179

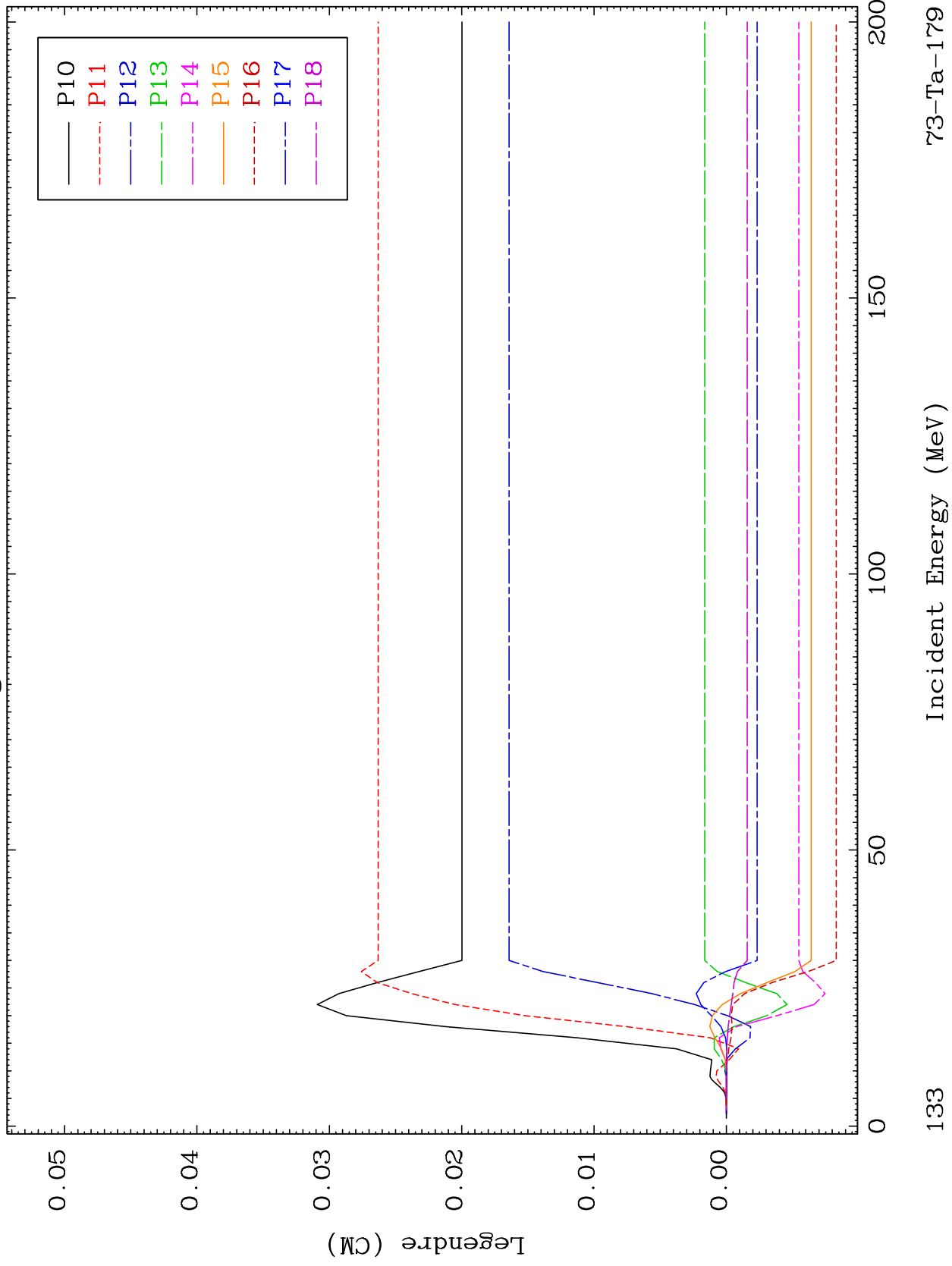




MAT 7322

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

73-Ta-179



133

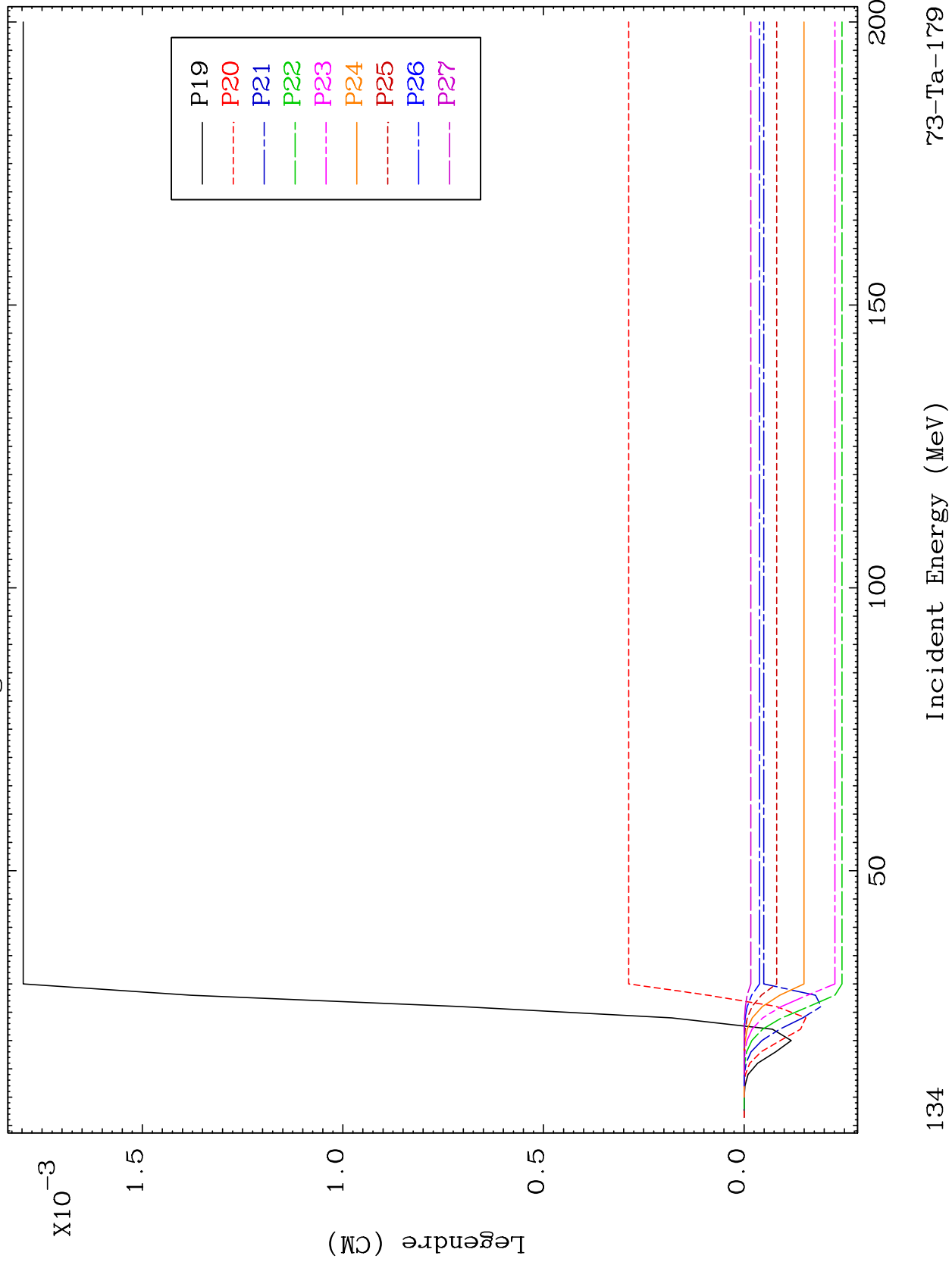
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

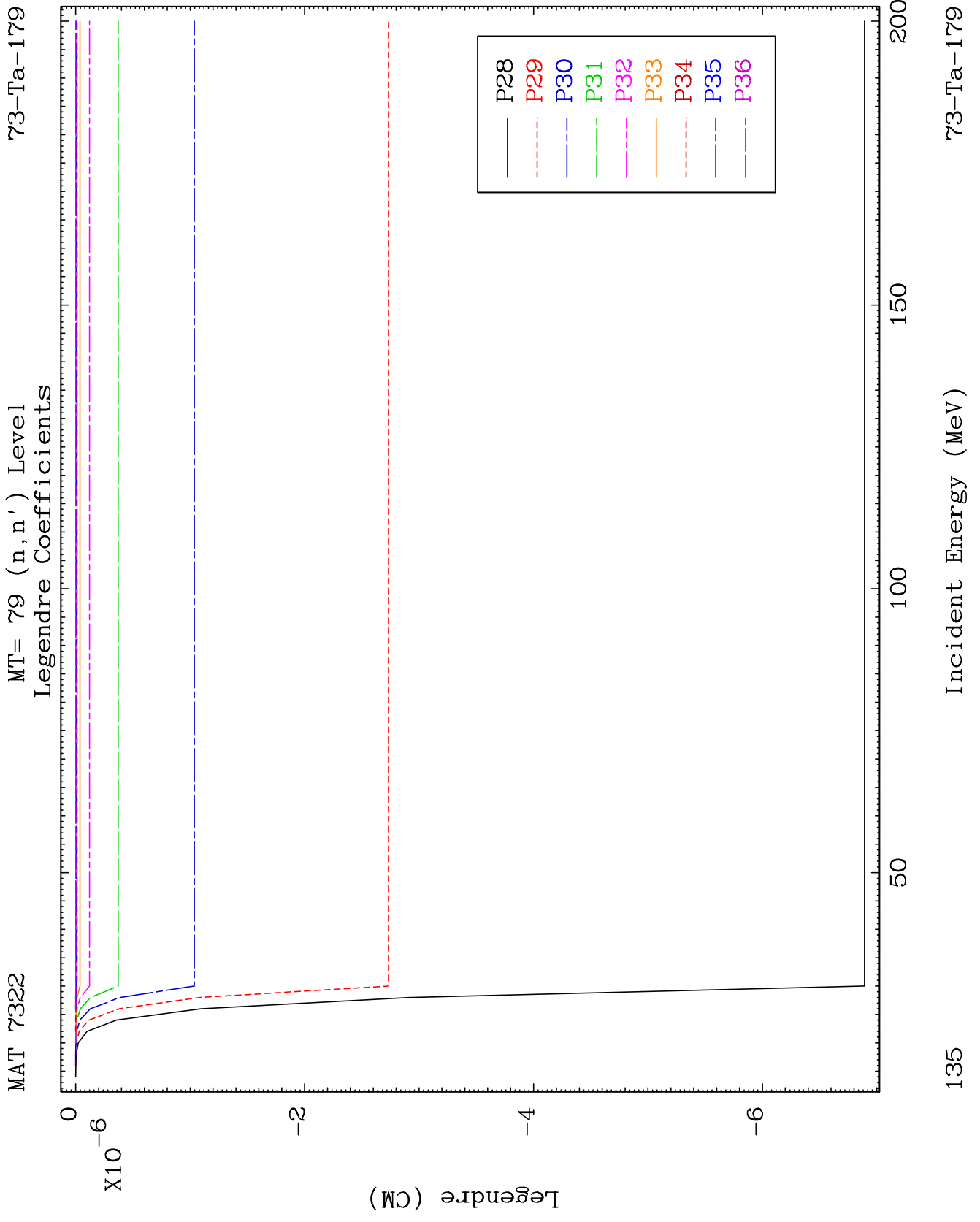
73-Ta-179



134

Incident Energy (MeV)

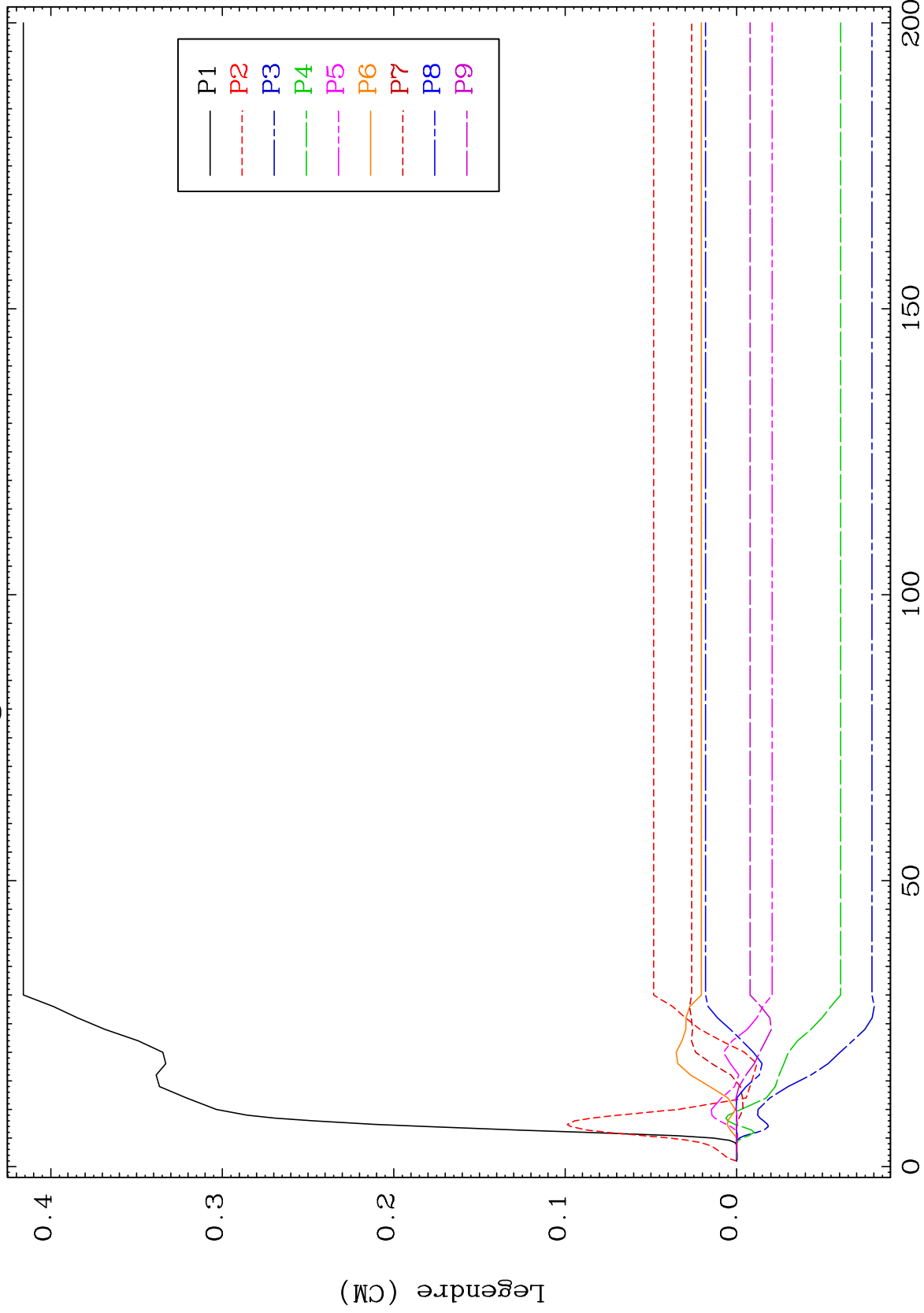
73-Ta-179



MAT 7322

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

73-Ta-179



136

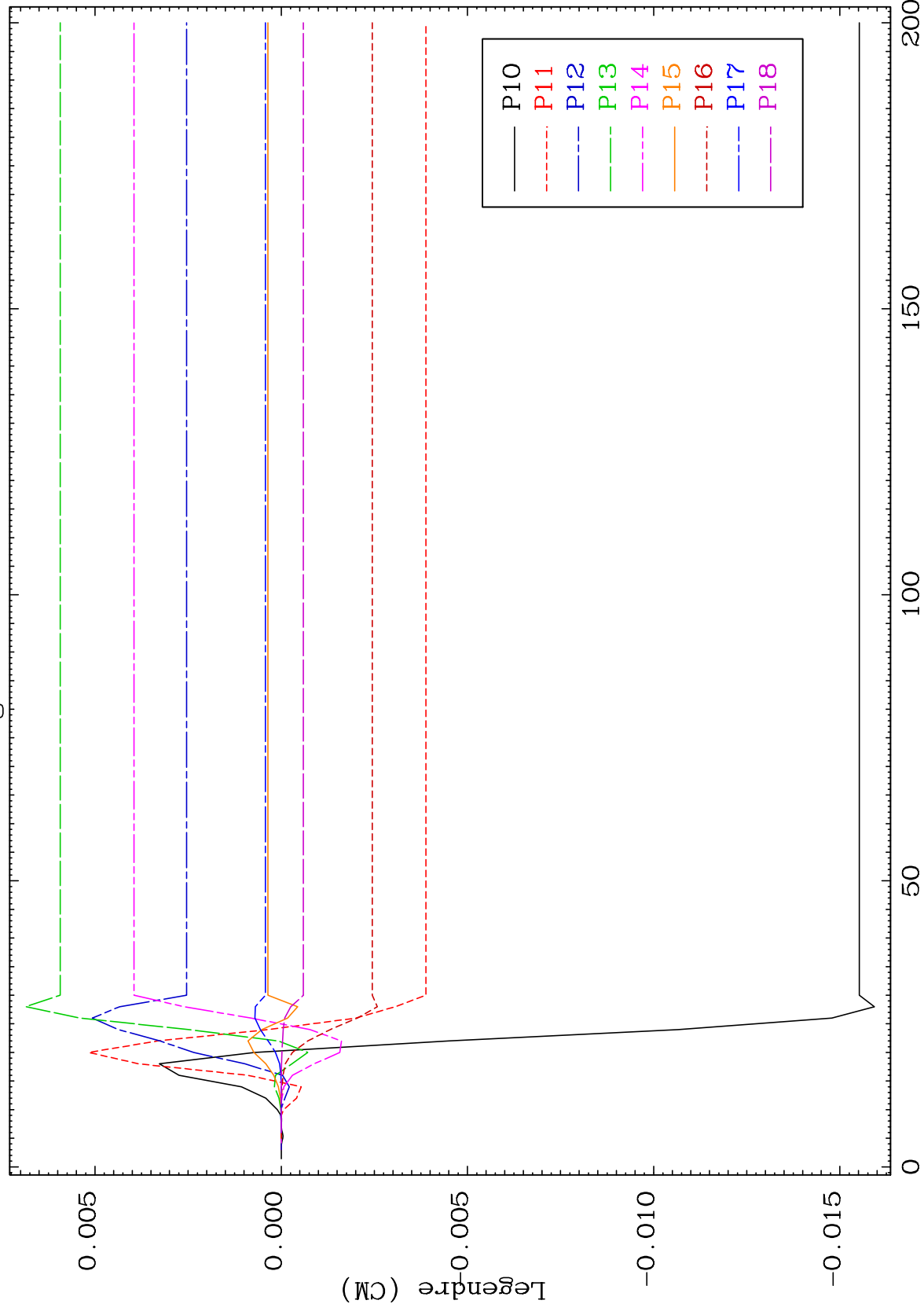
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



137

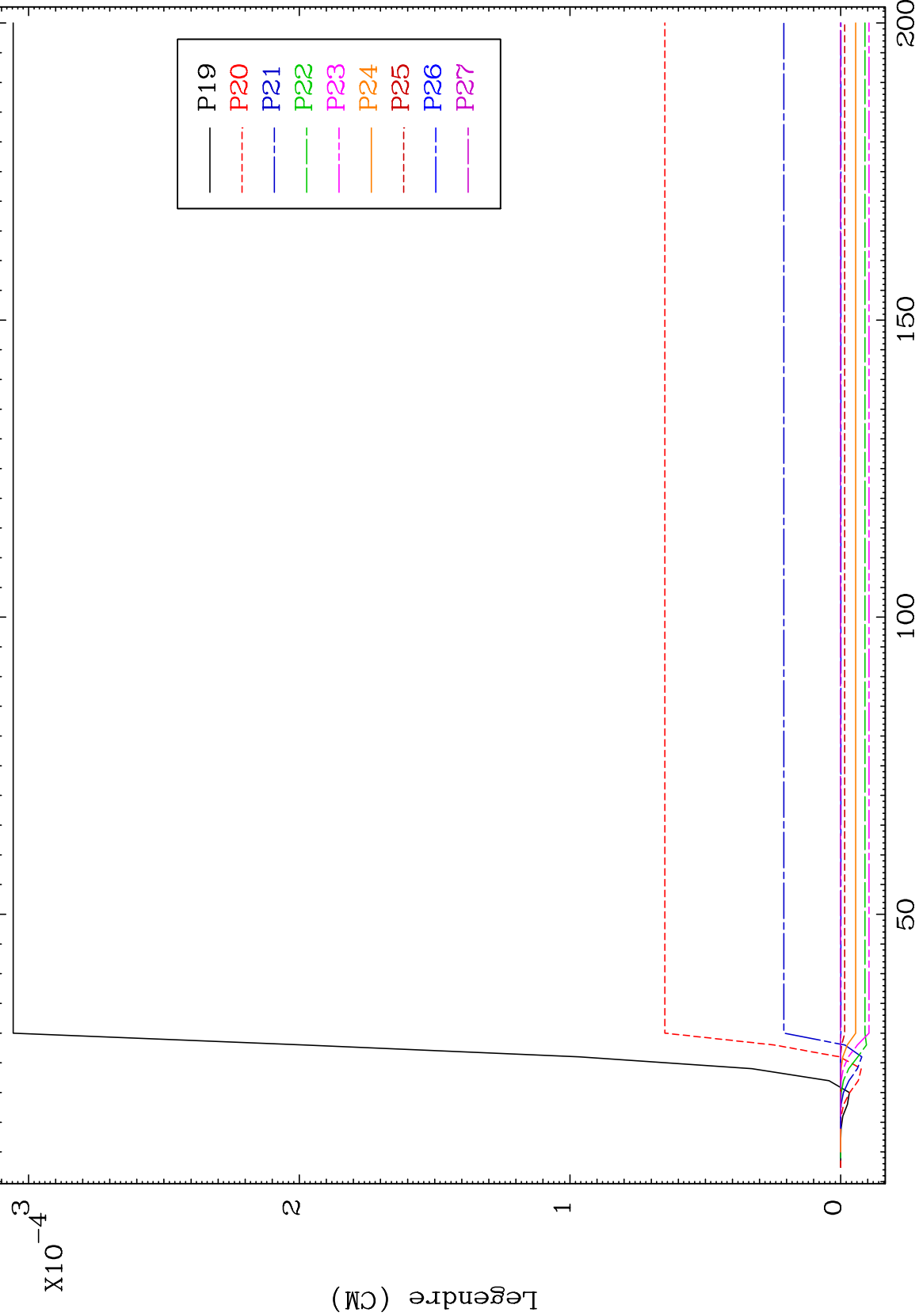
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179



138

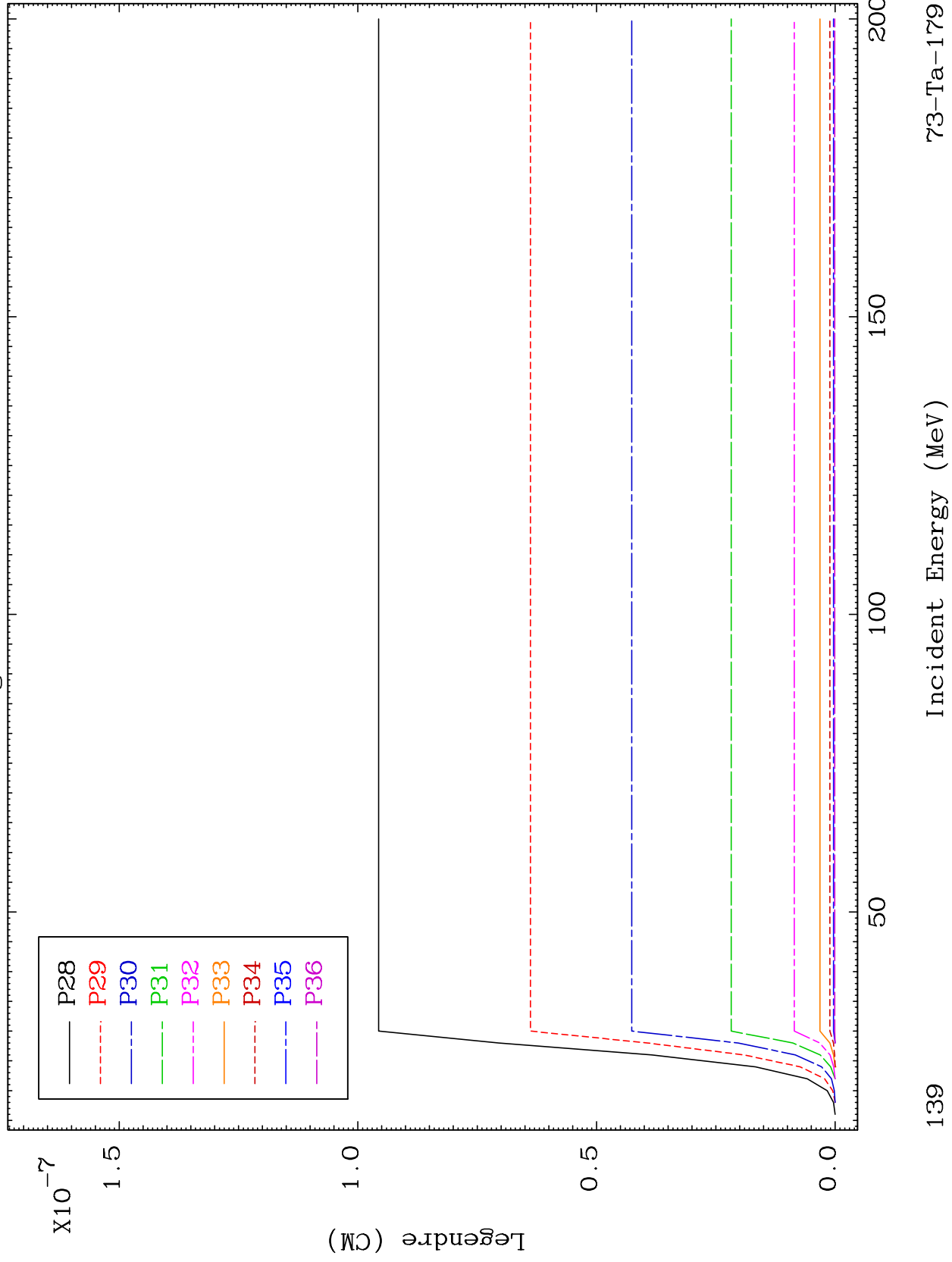
Incident Energy (MeV)

73-Ta-179

MAT 7322

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

73-Ta-179

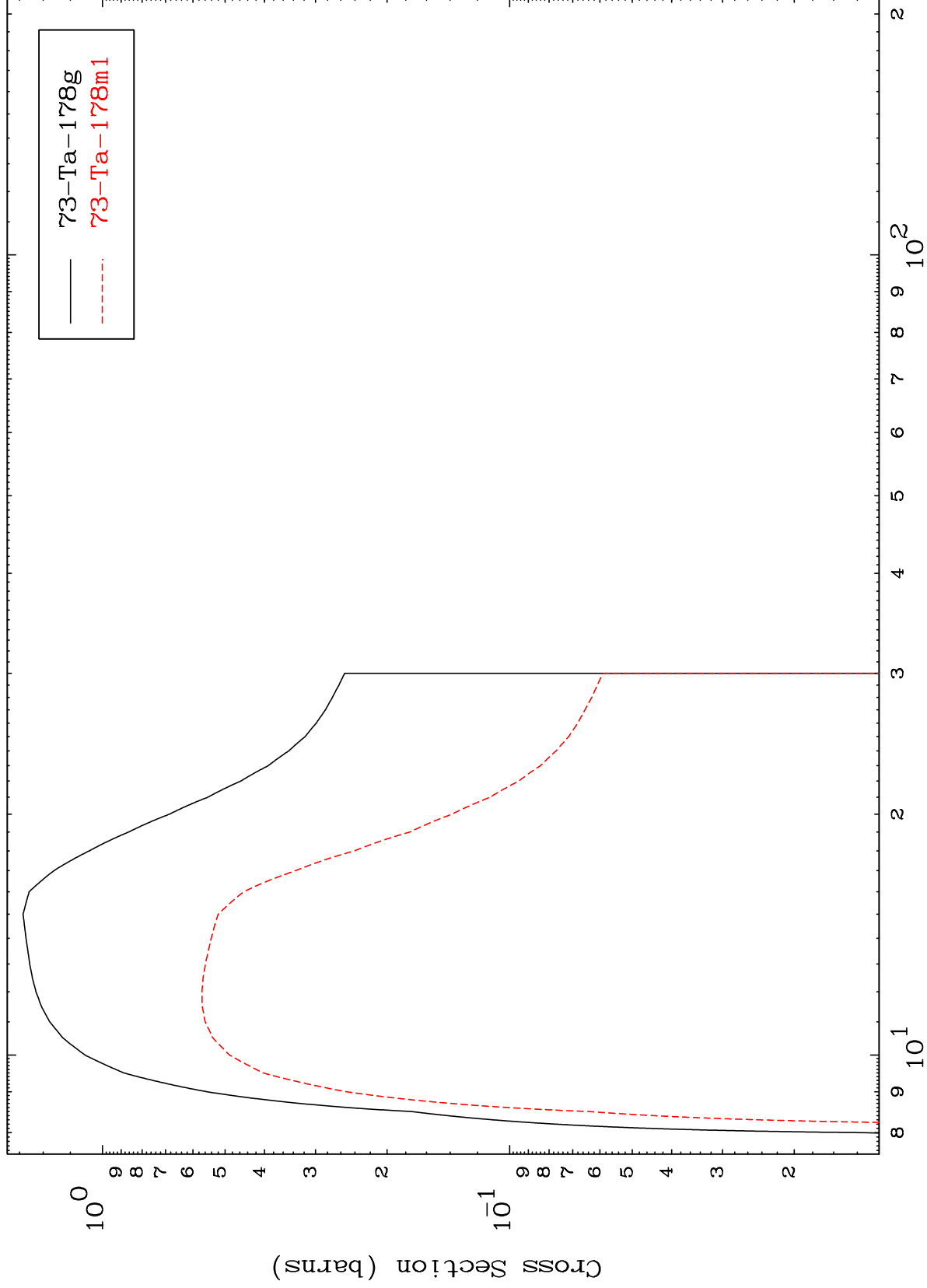


MAT 7322

(n,2n)

⁷³Ta-179

Radionuclide Production Cross Section



140

Incident Energy (MeV)

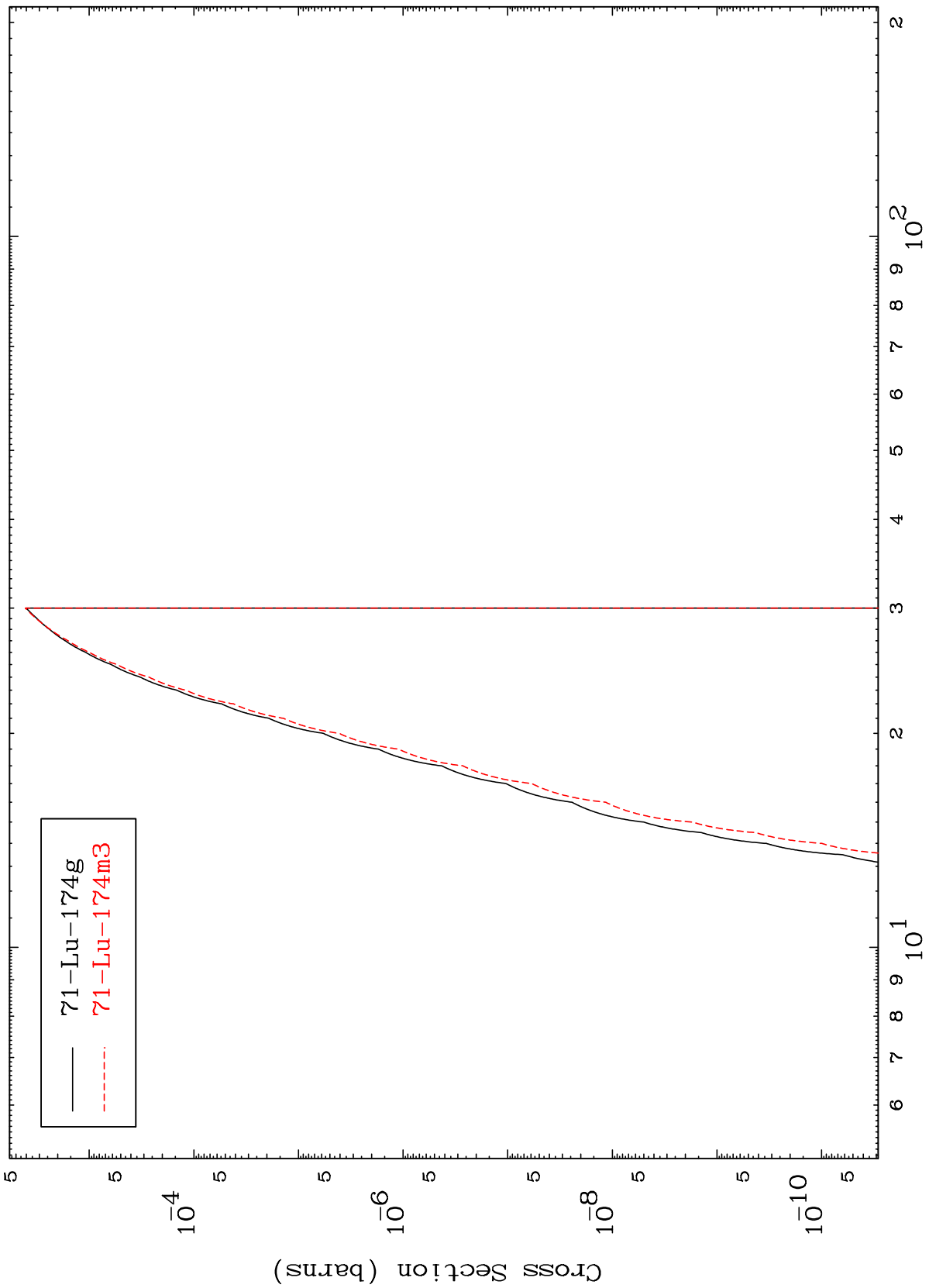
⁷³Ta-179

MAT 7322

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



141

Incident Energy (MeV)

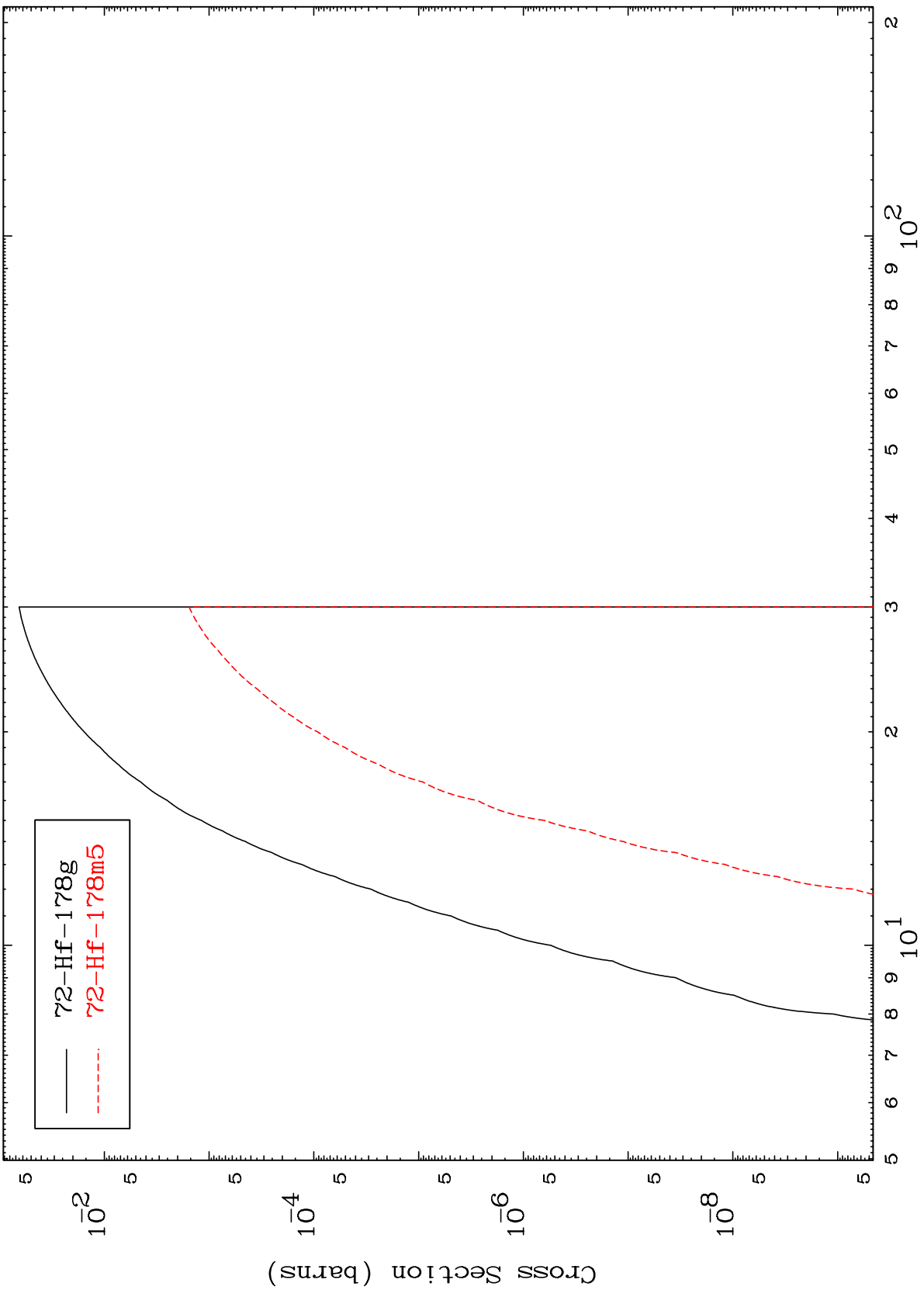
$^{73}\text{Ta-179}$

MAT 7322

(n,n') p

73-Ta-179

Radionuclide Production Cross Section



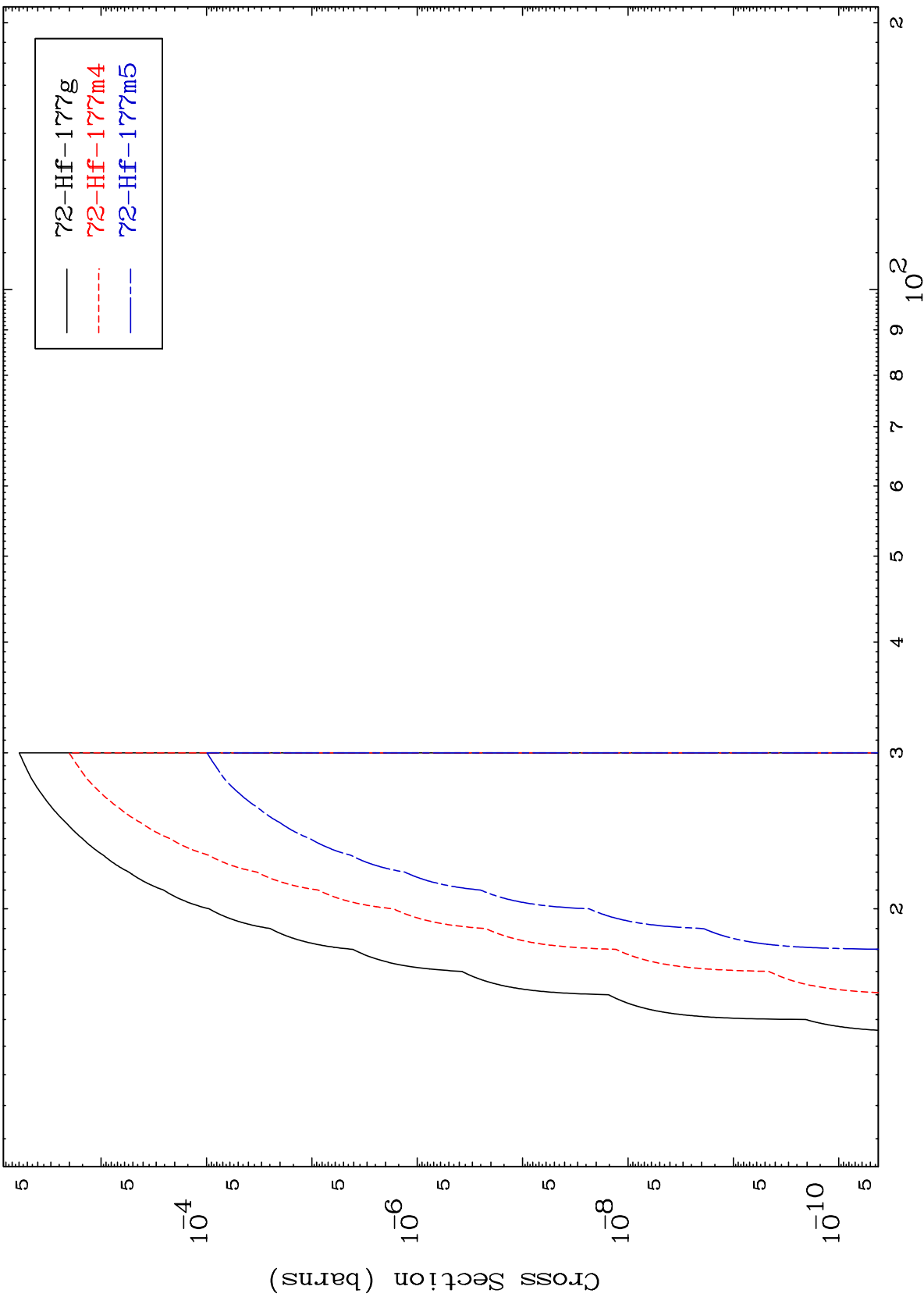
72-Hf-178g
72-Hf-178m5

142

Incident Energy (MeV)

73-Ta-179

Radionuclide Production Cross Section

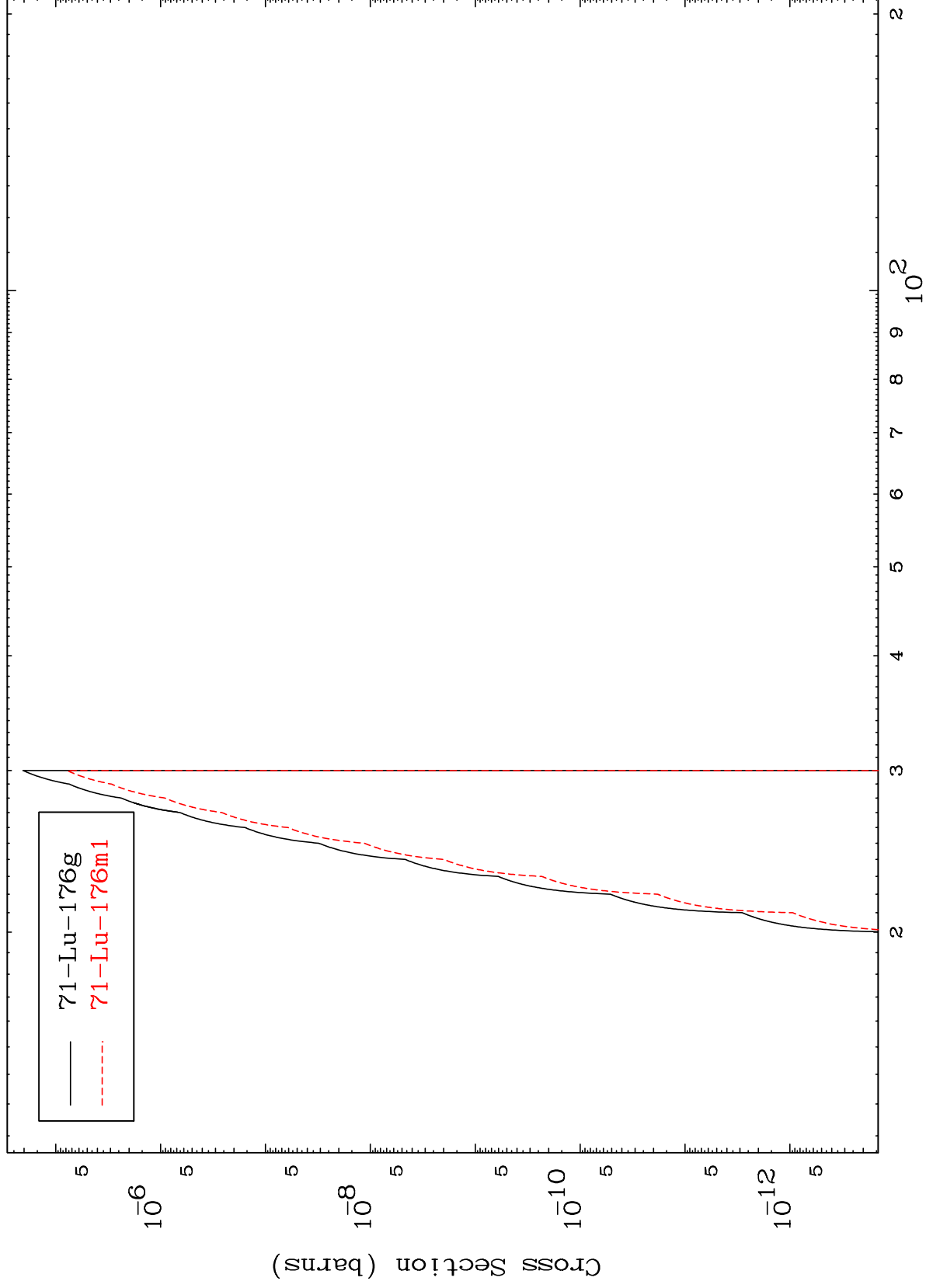


MAT 7322

(n,n') He-3

73-Ta-179

Radionuclide Production Cross Section



144

Incident Energy (MeV)

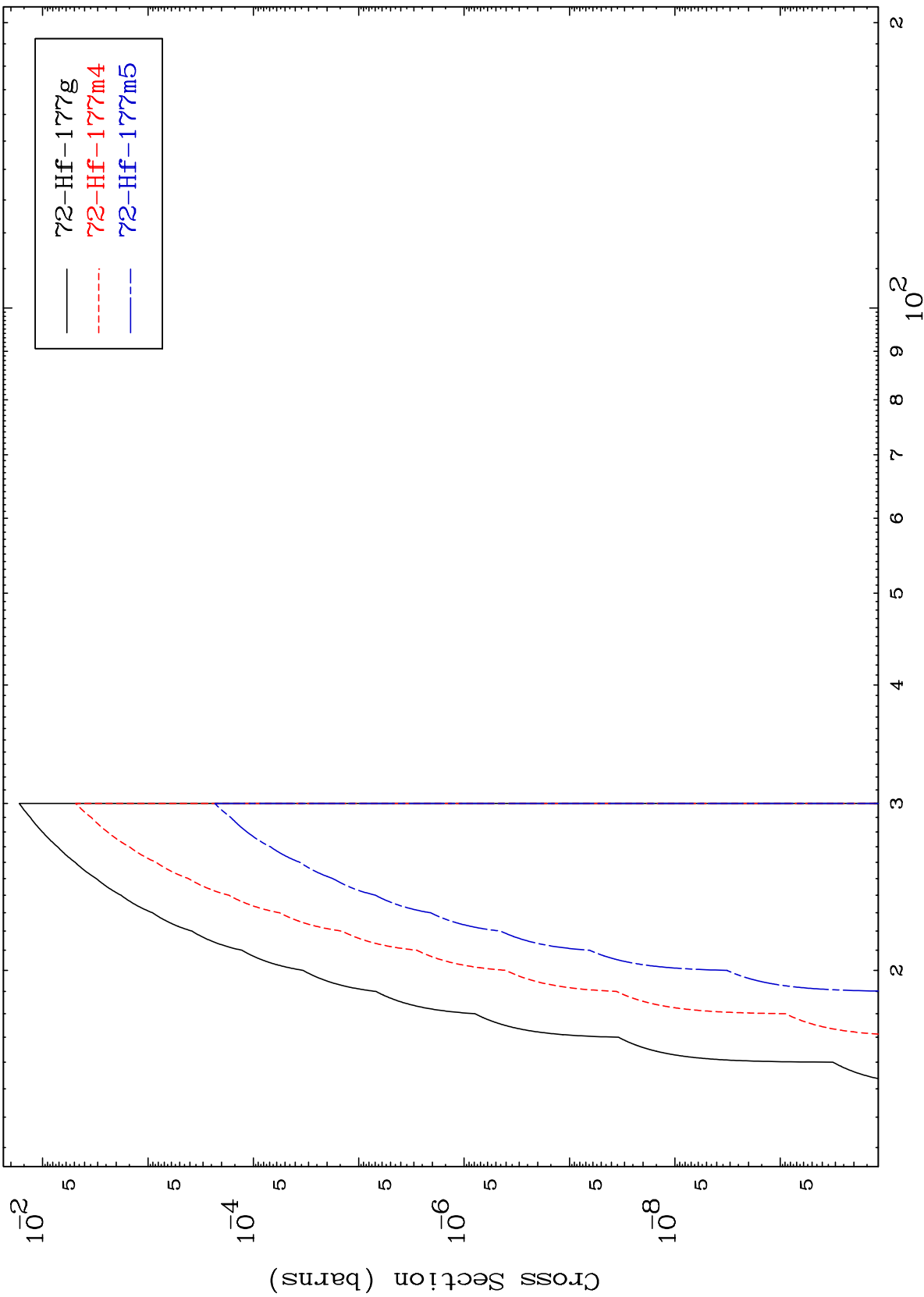
73-Ta-179

MAT 7322

(n,2n) p

73-Ta-179

Radionuclide Production Cross Section



145

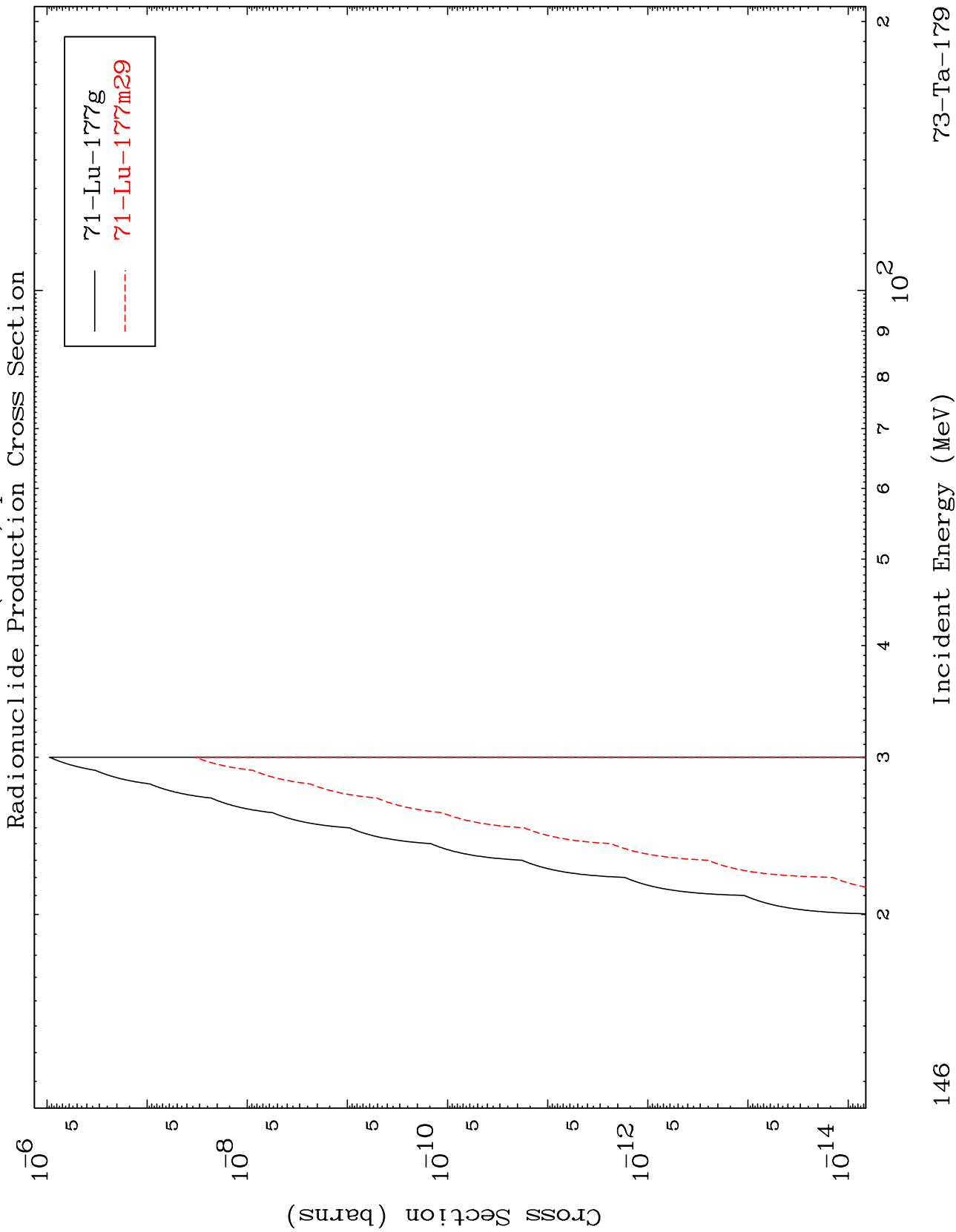
Incident Energy (MeV)

73-Ta-179

MAT 7322

(n,2n) p

73-Ta-179



146

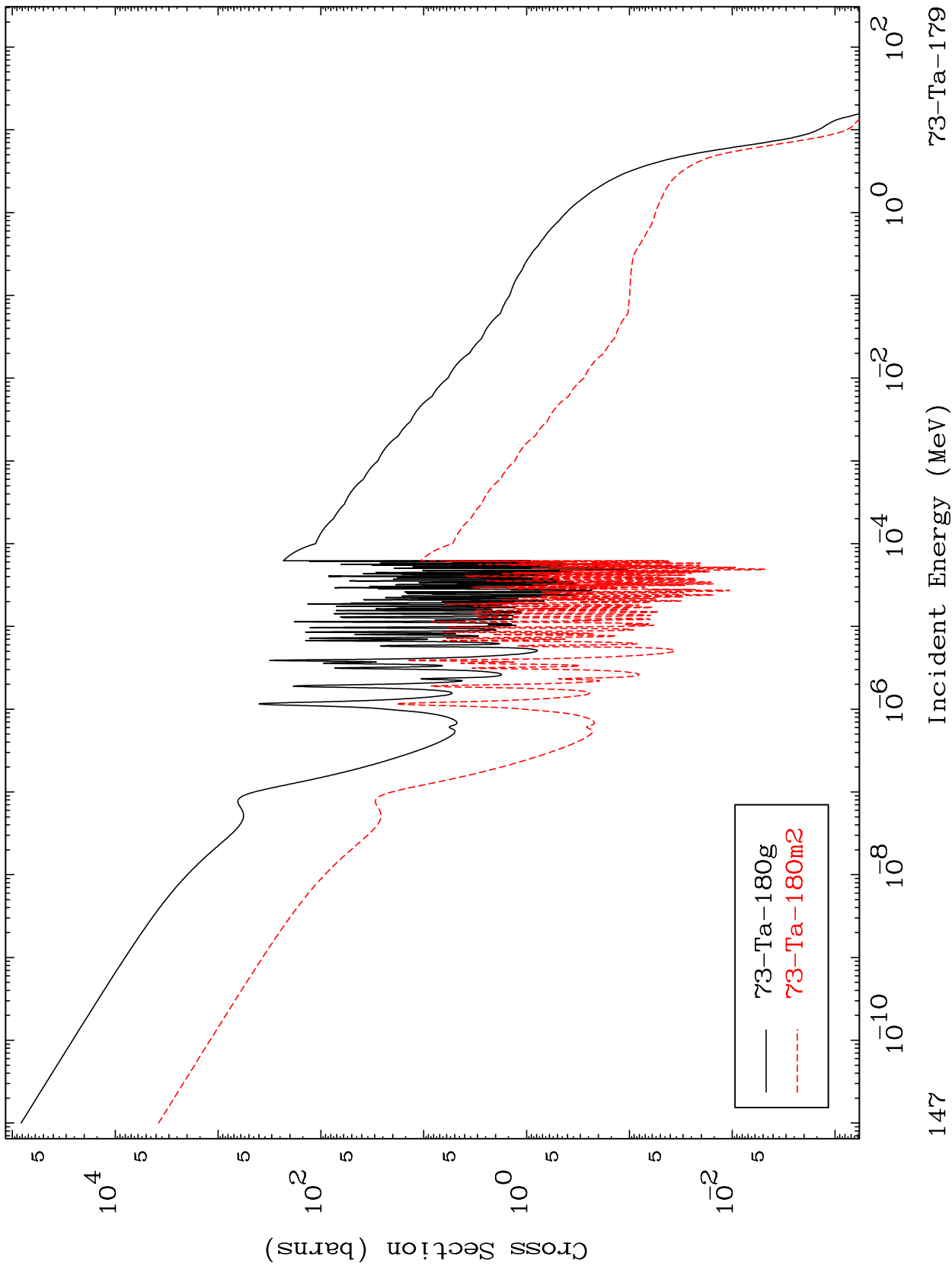
73-Ta-179

MAT 7322

⁷³Ta-179

Radionuclide Production Cross Section

(n,γ)



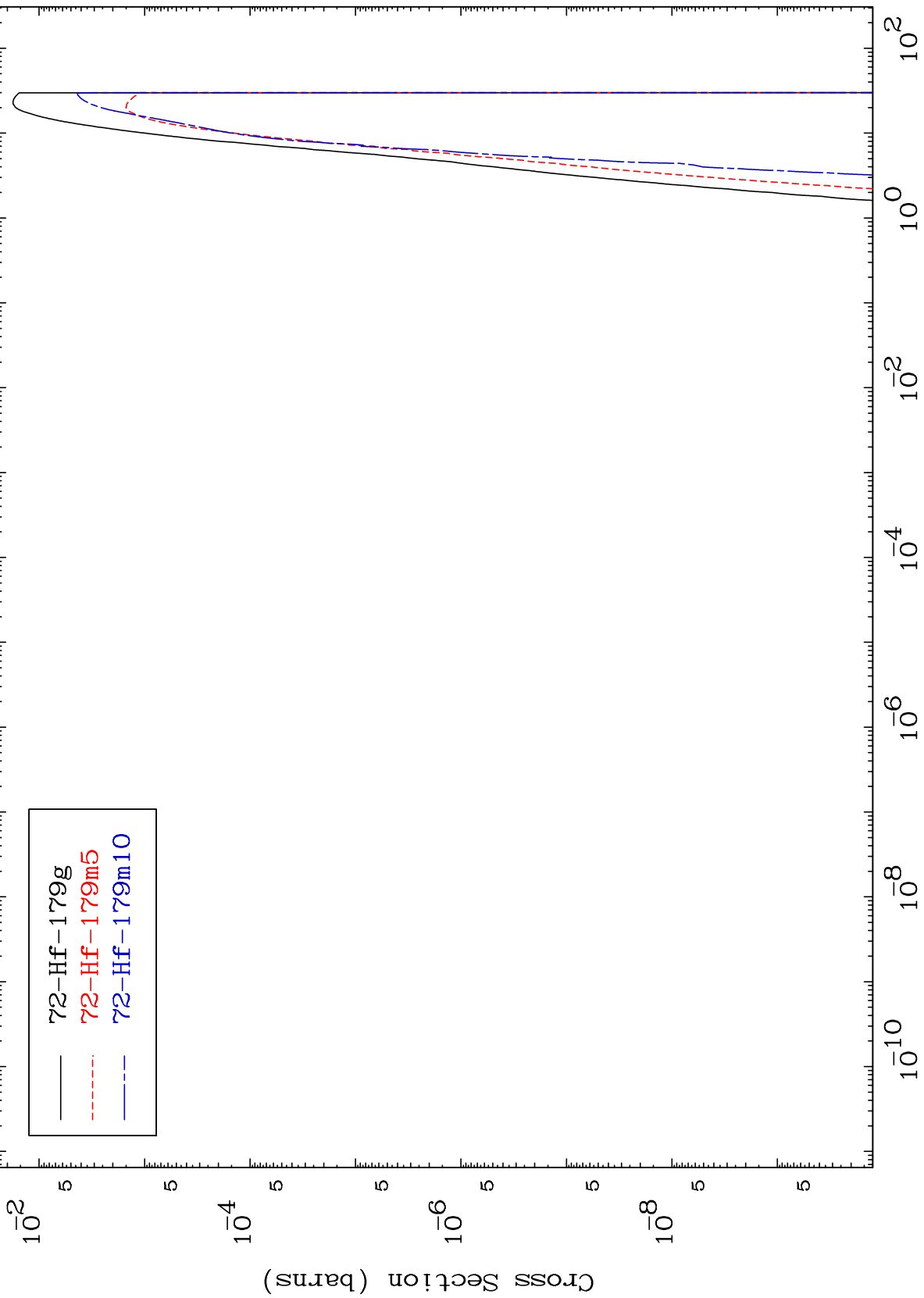
— 73-Ta-180g
- - - 73-Ta-180m2

MAT 7322

(n,p)

73-Ta-179

Radionuclide Production Cross Section

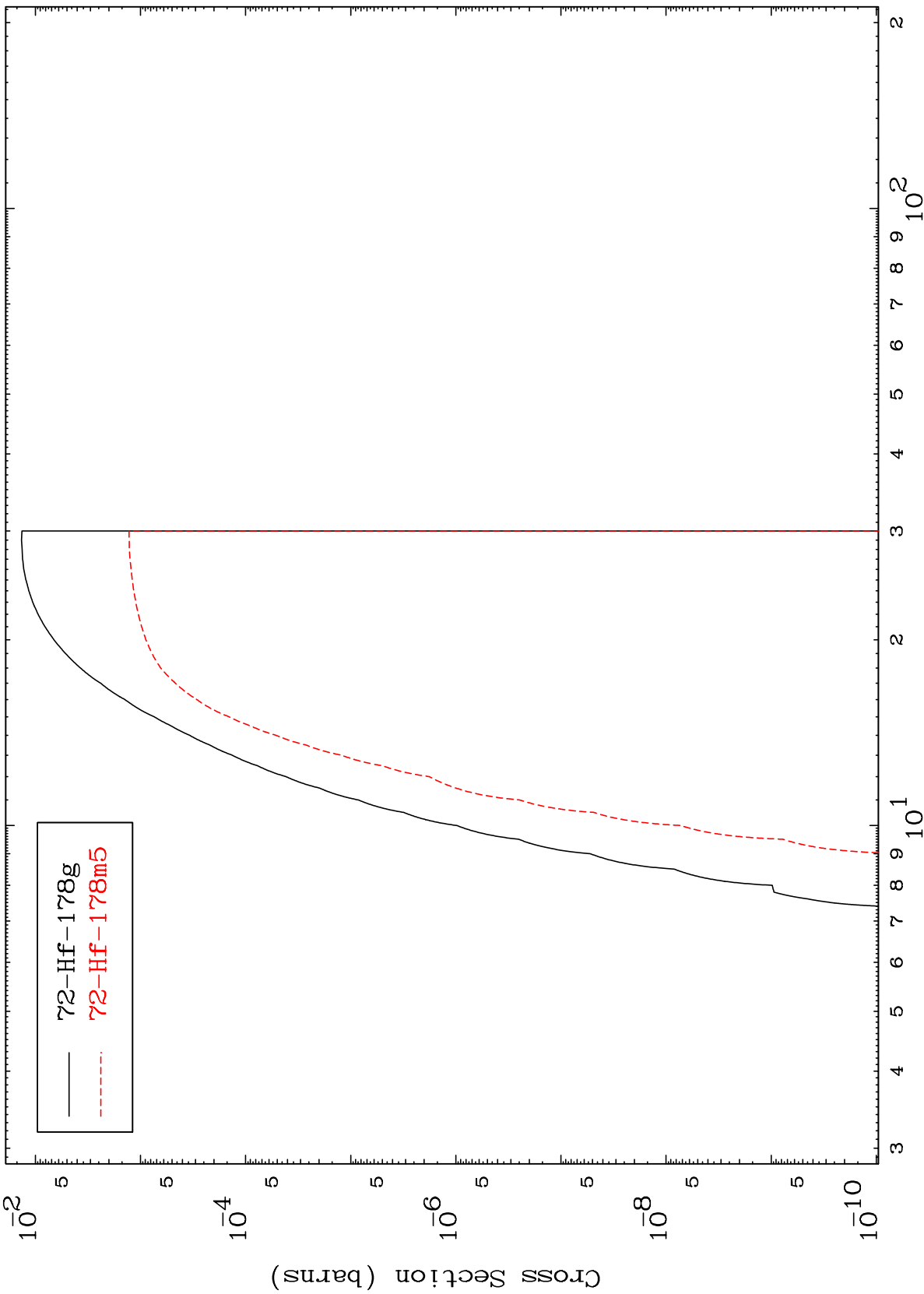


MAT 7322

(n, d)

⁷³Ta-179

Radionuclide Production Cross Section



Incident Energy (MeV)

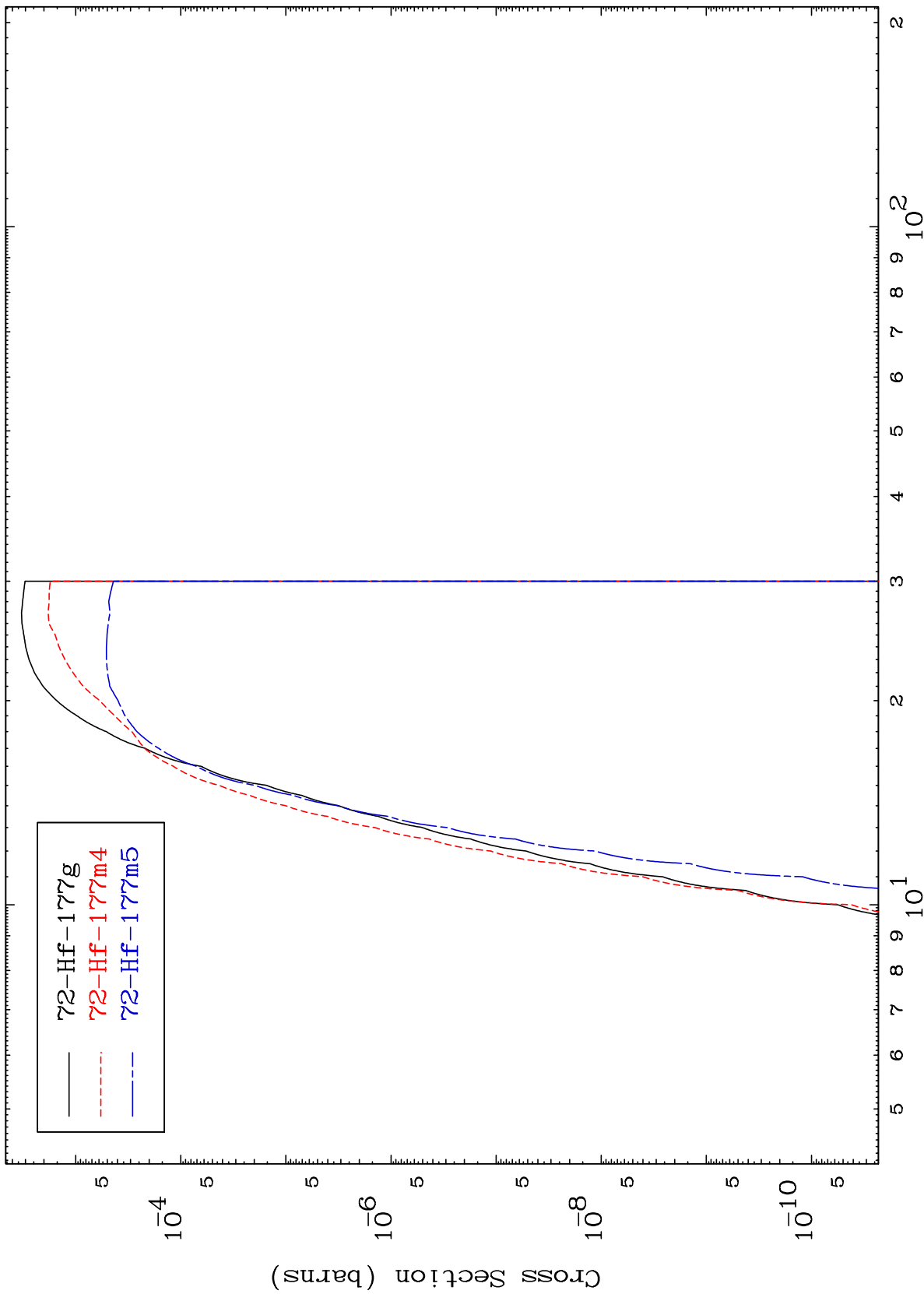
⁷³Ta-179

149

MAT 7322

73-Ta-179

(n, t)
Radionuclide Production Cross Section



73-Ta-179

Incident Energy (MeV)

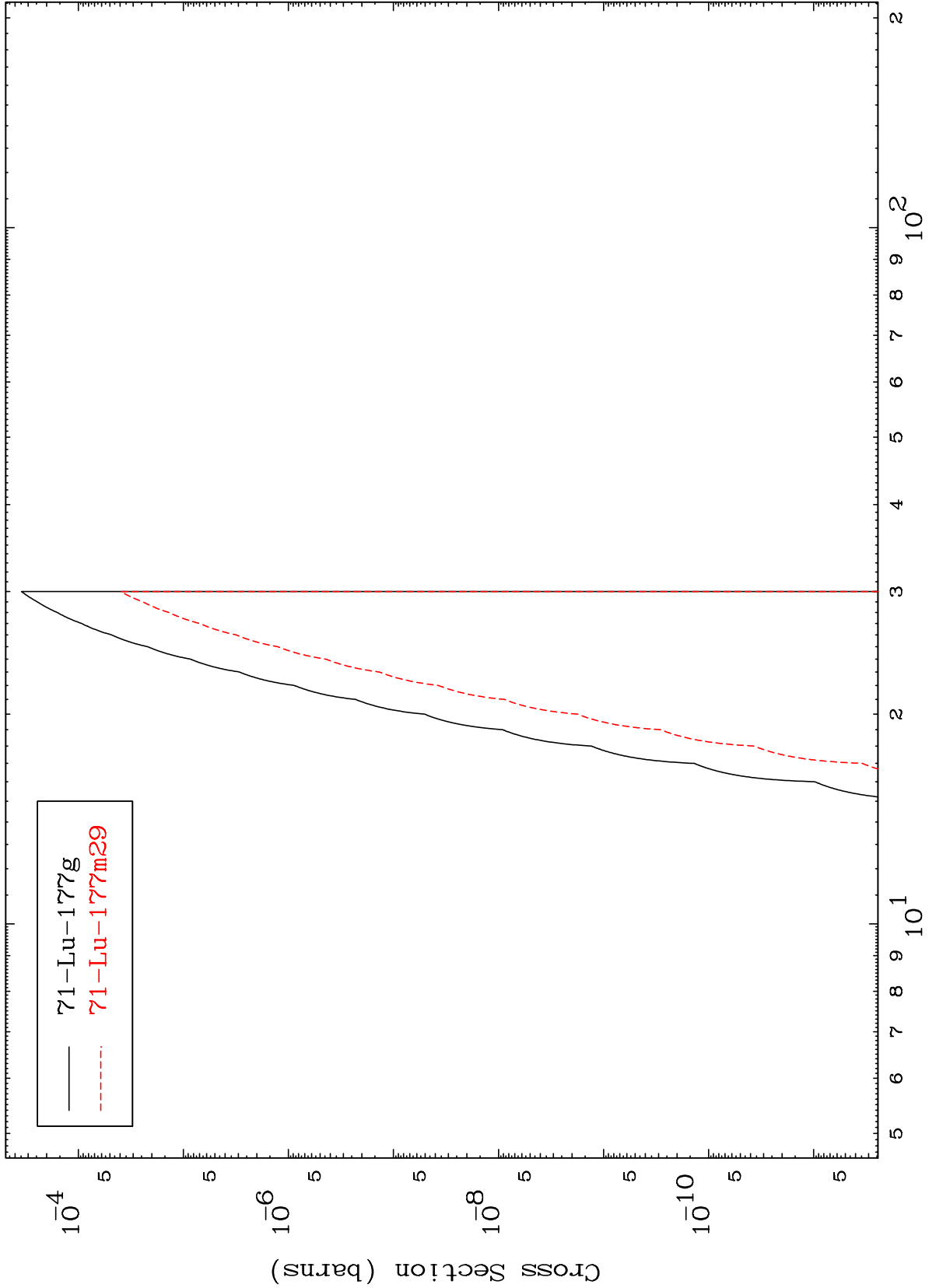
150

MAT 7322

(n,He-3)

73-Ta-179

Radionuclide Production Cross Section



151

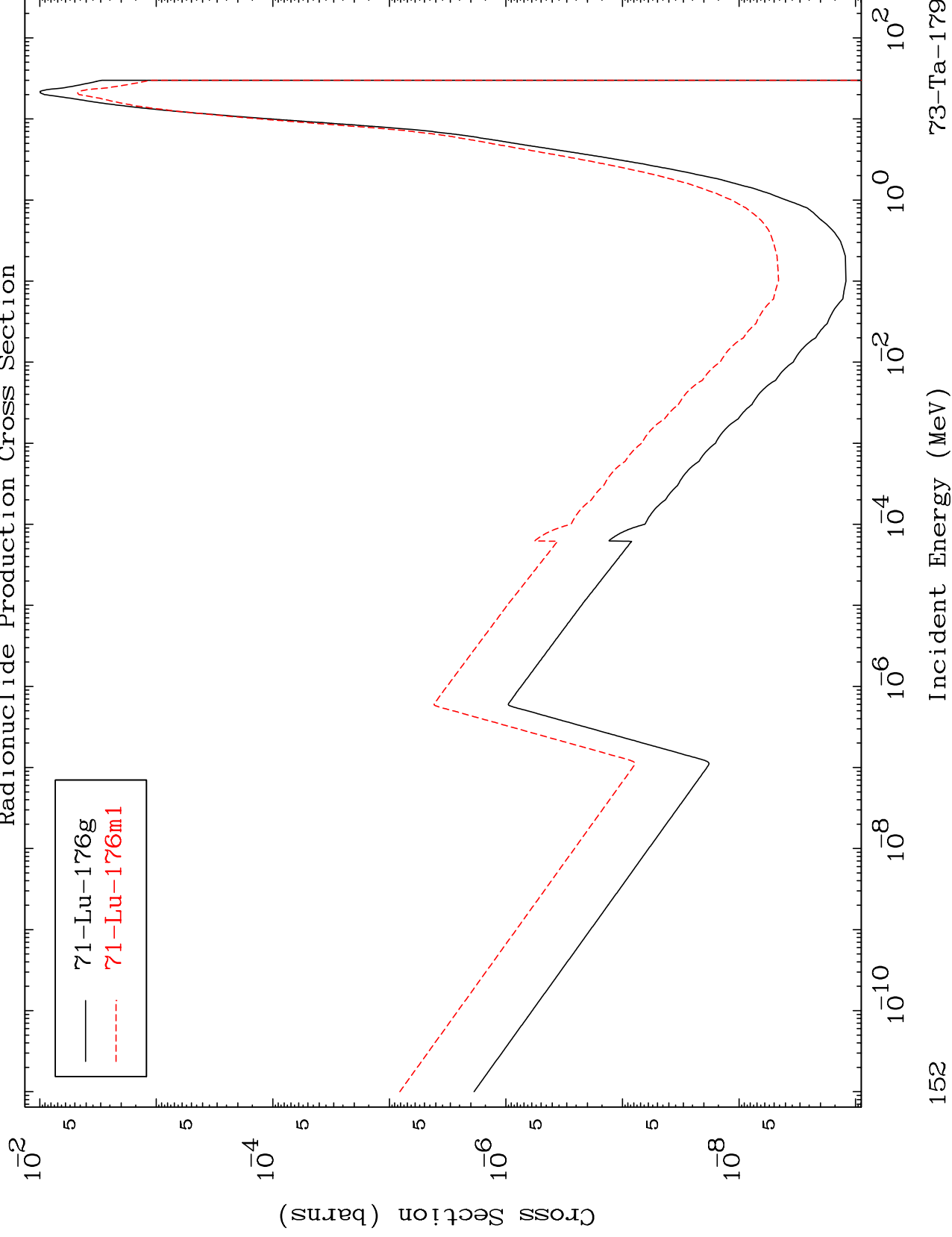
Incident Energy (MeV)

73-Ta-179

MAT 7322

Radionuclide Production Cross Section
(n, α)

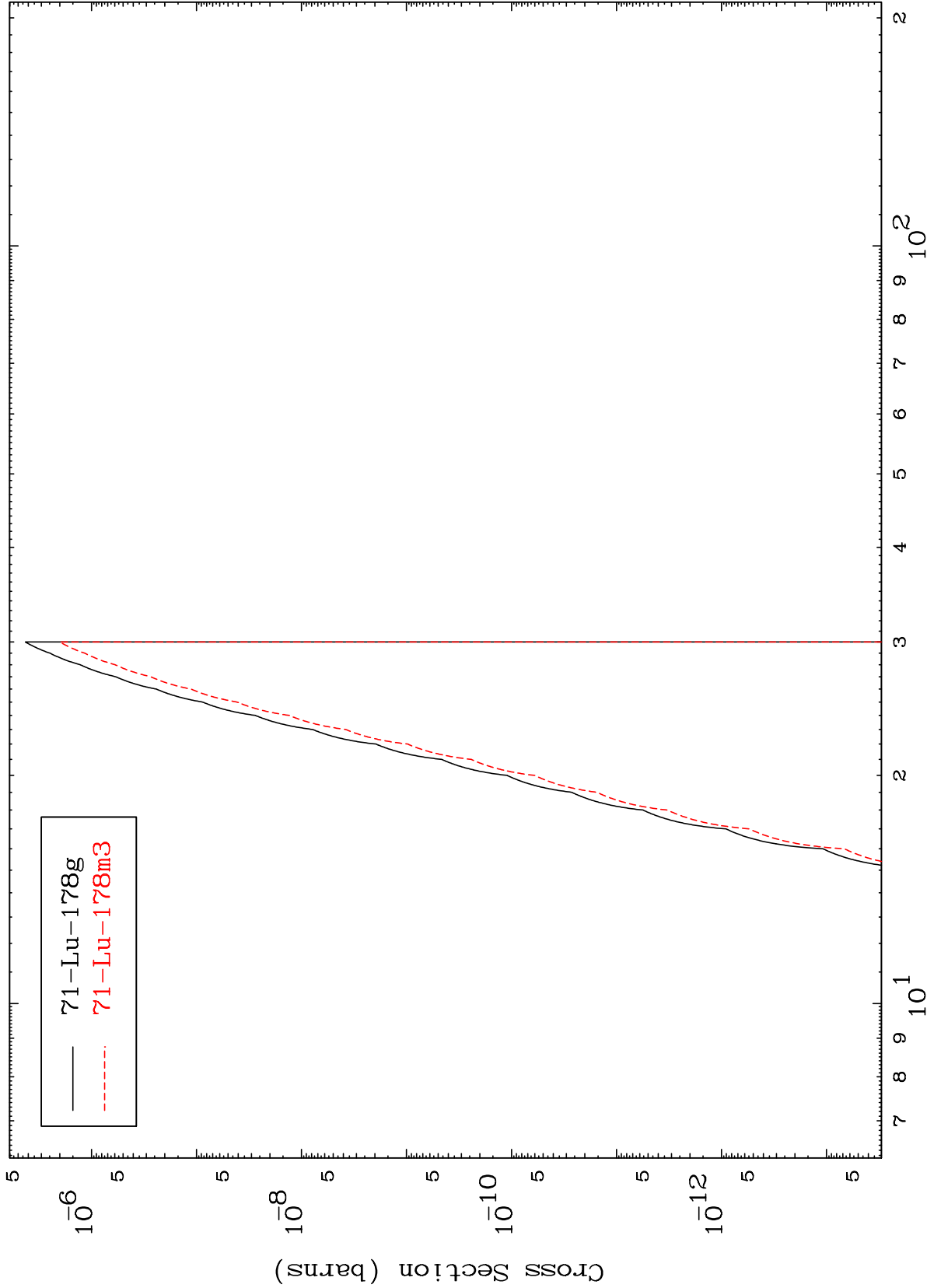
⁷³Ta-179



MAT 7322

73-Ta-179

(n,2p)
Radionuclide Production Cross Section



— 71-Lu-178g
- - - 71-Lu-178m3

73-Ta-179

Incident Energy (MeV)

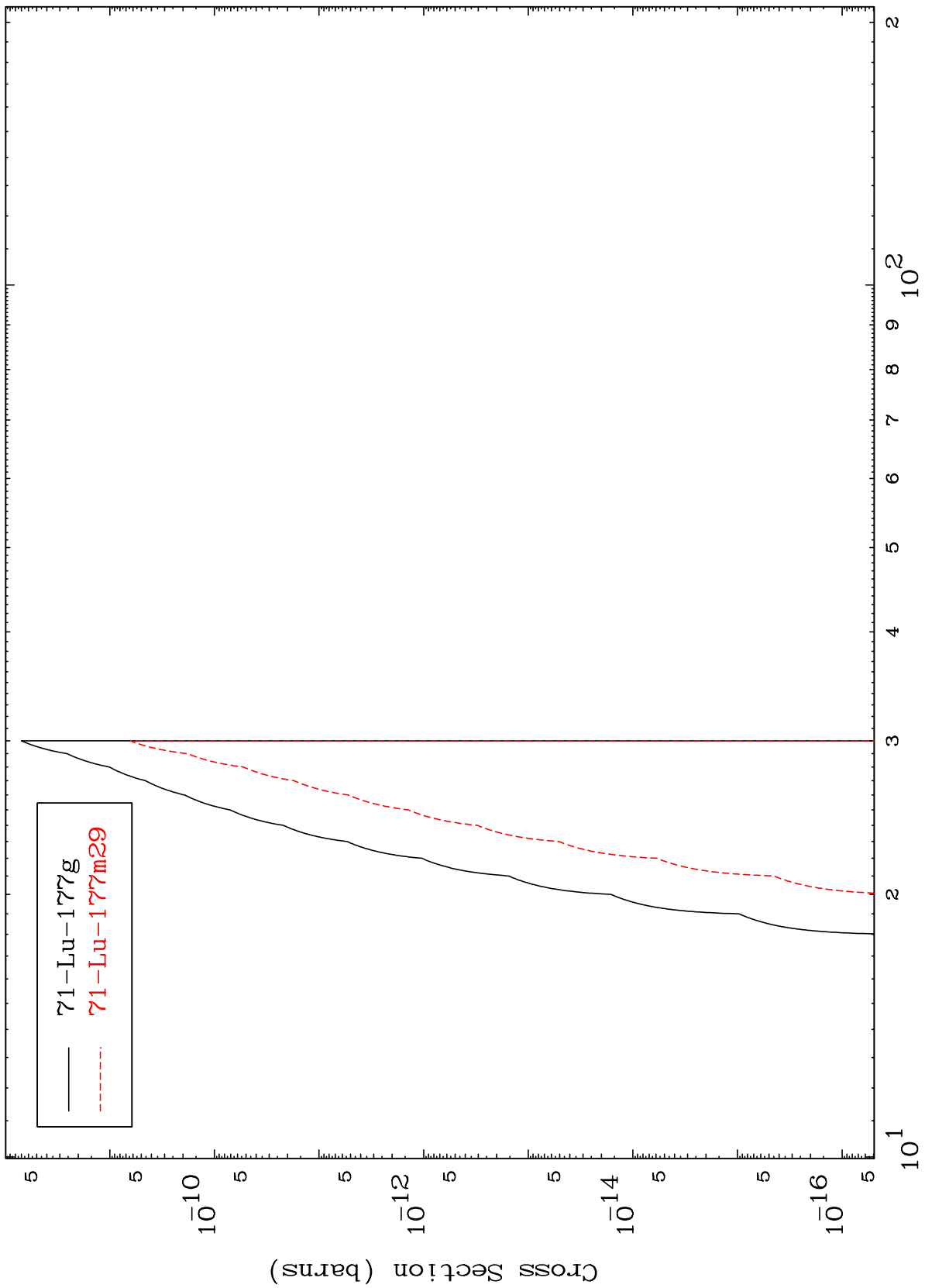
153

MAT 7322

(n,p) d

73-Ta-179

Radionuclide Production Cross Section



154

Incident Energy (MeV)

73-Ta-179

Radionuclide Production Cross Section

