

Program EVALPLOT
(Version 2021-1)

by

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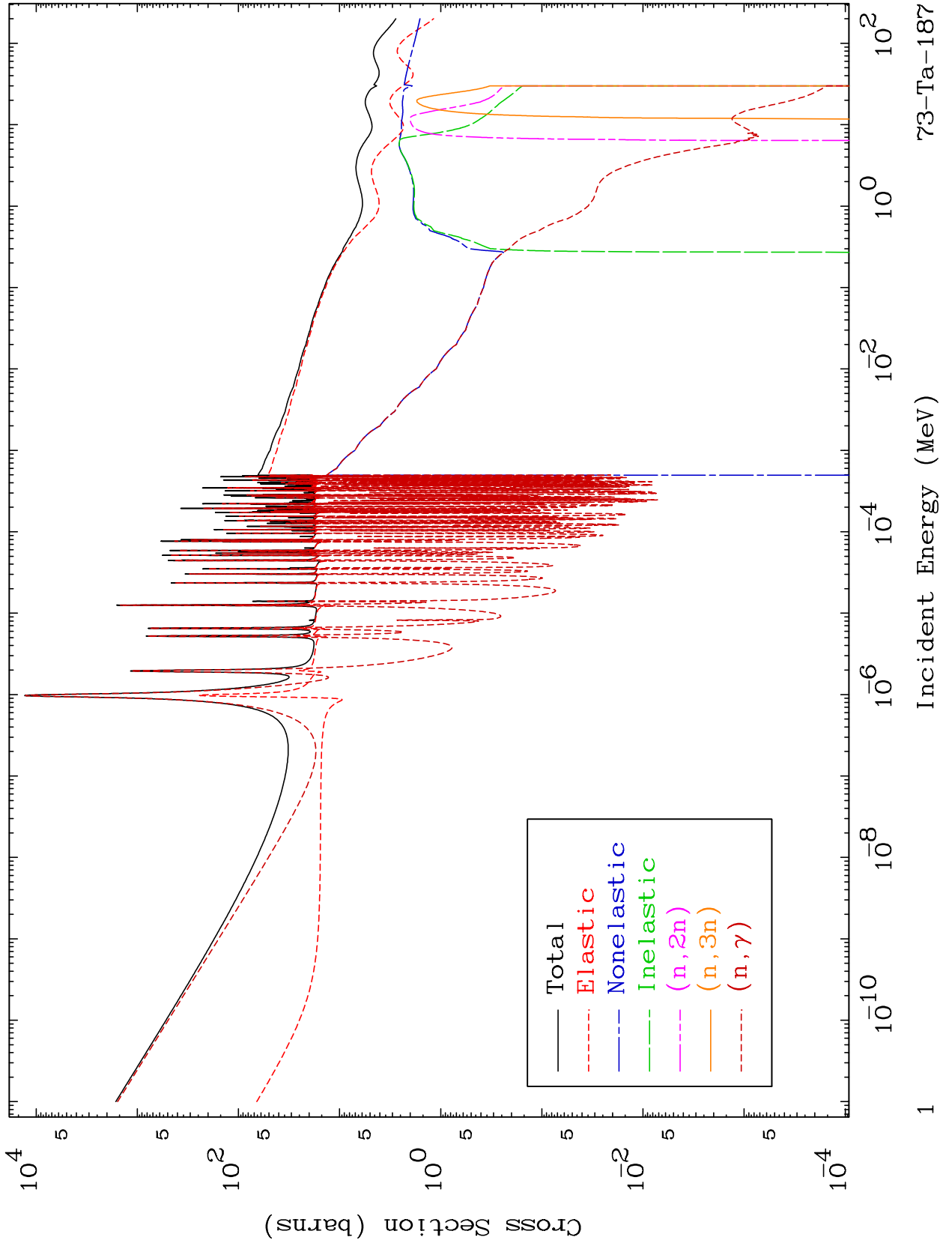
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7346

Neutron Major
293 Kelvin Cross Sections

73-Ta-187

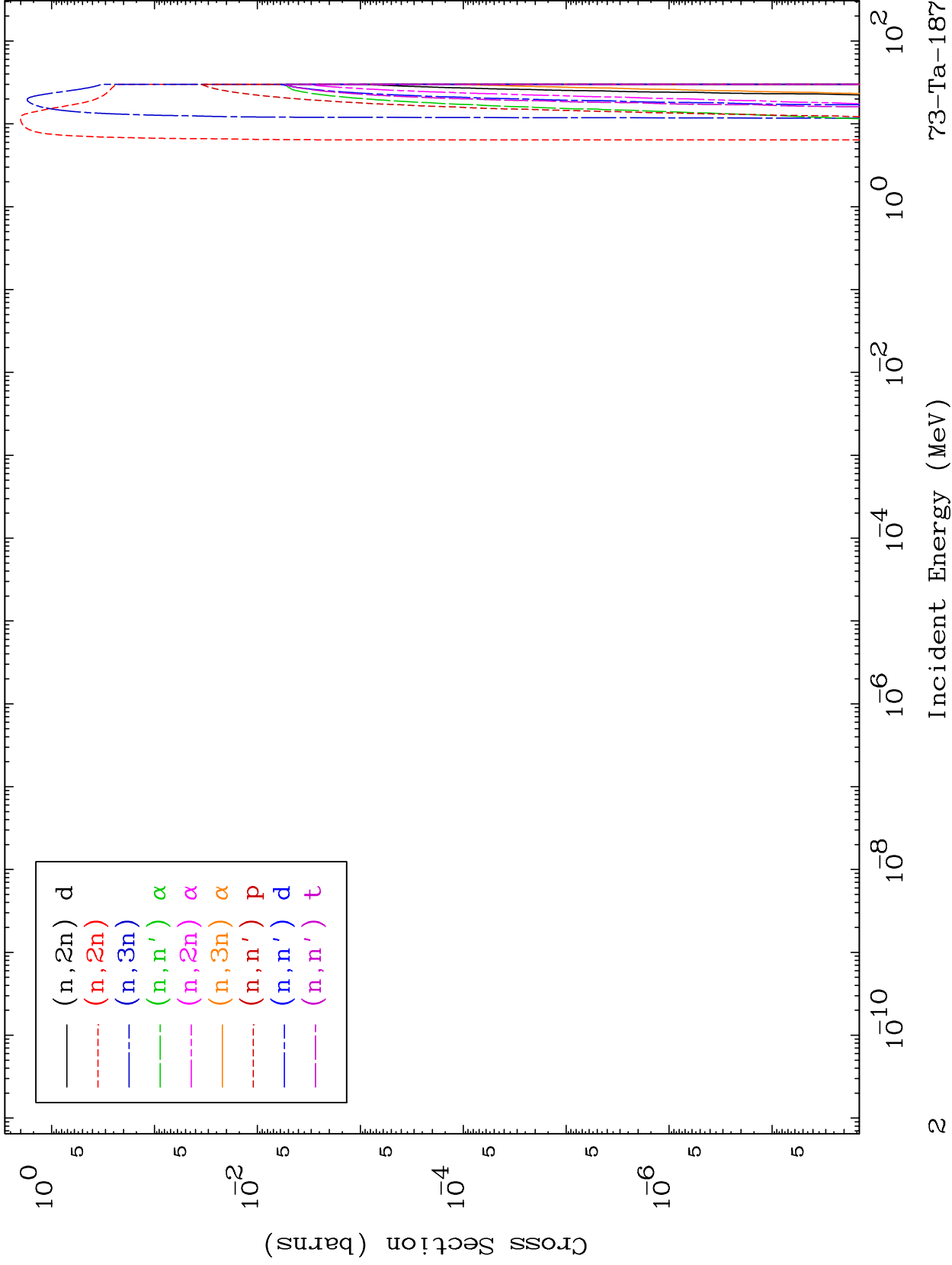


73-Ta-187

MAT 7346

Neutron Absorption
293 Kelvin Cross Sections

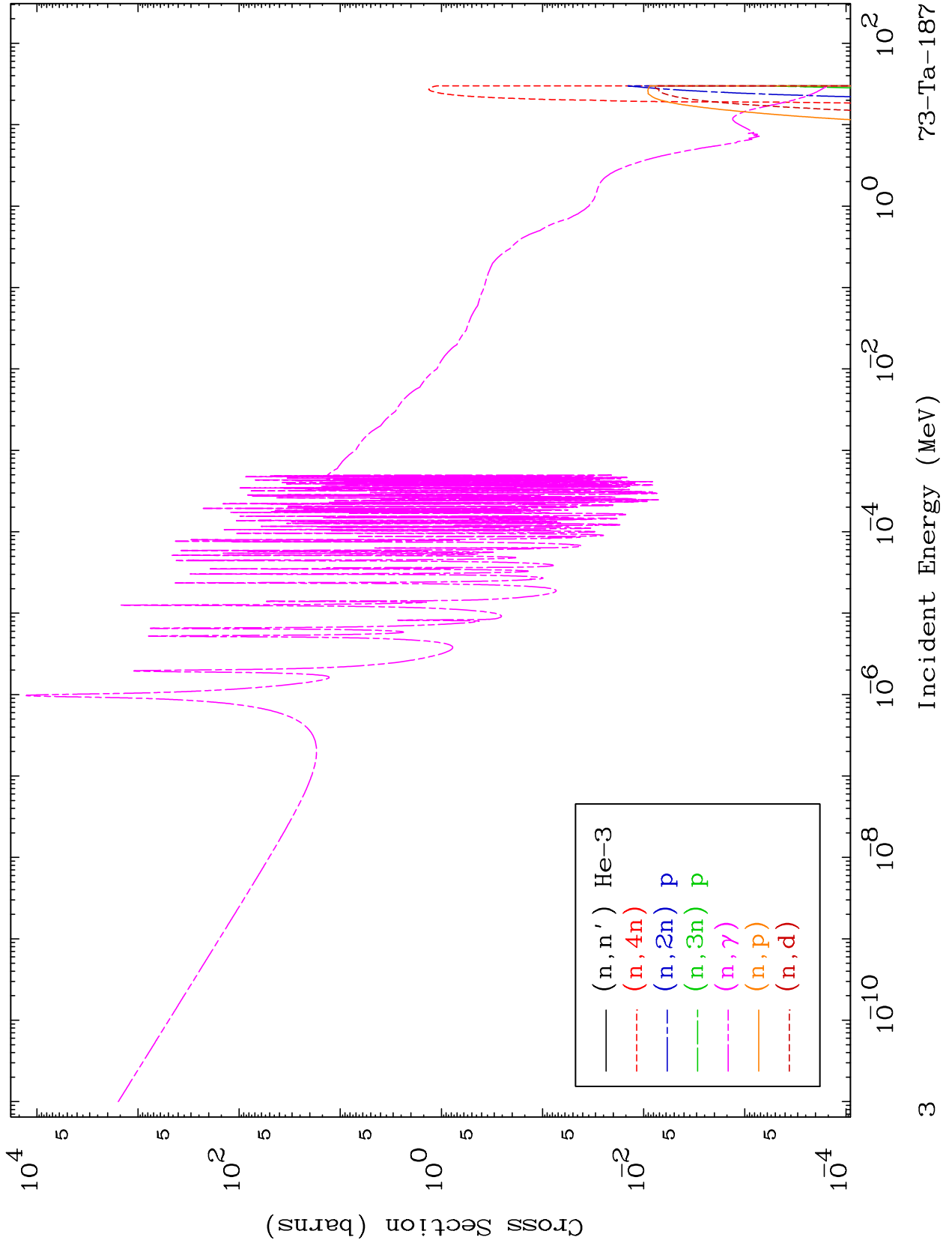
73-Ta-187

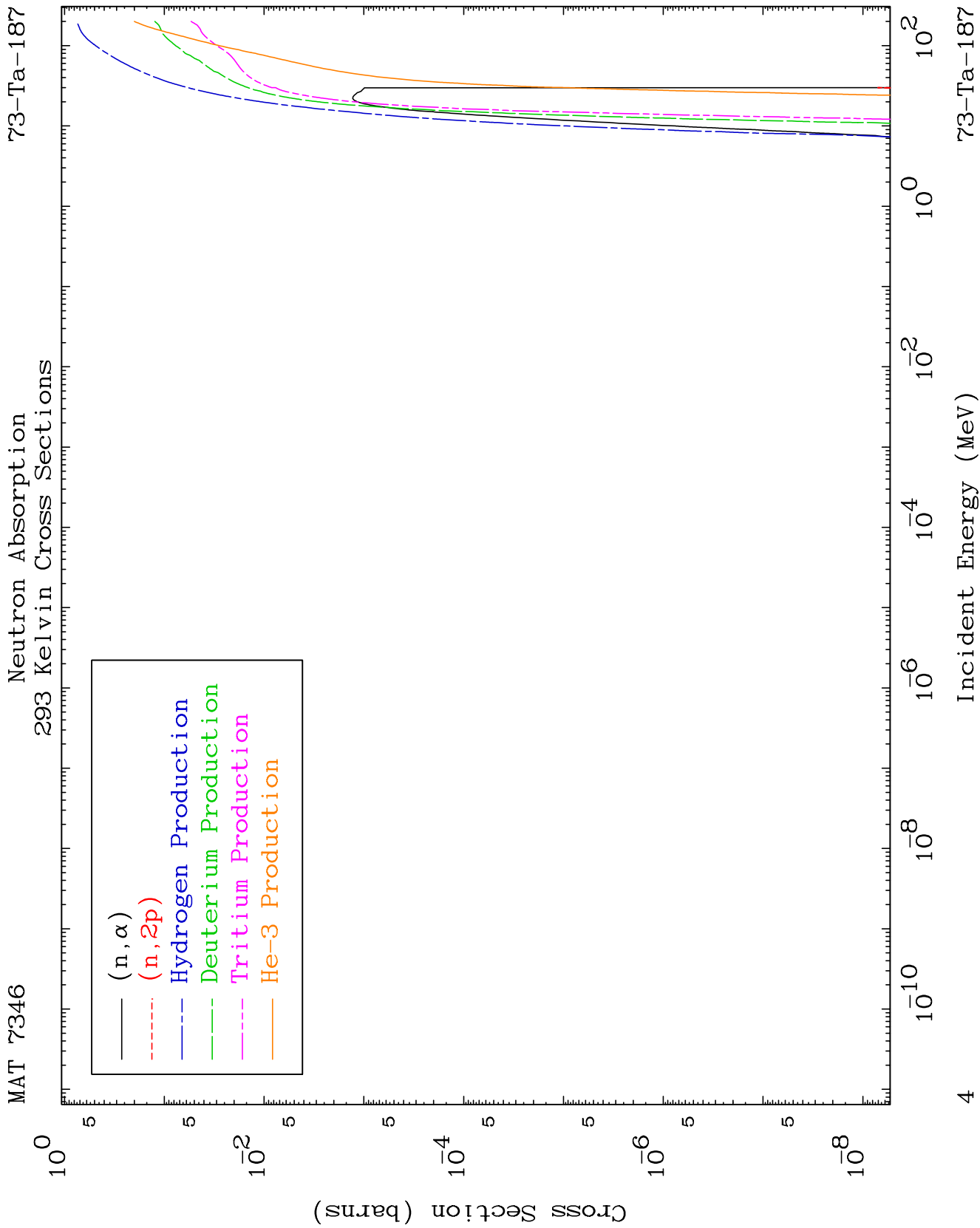


MAT 7346

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-187

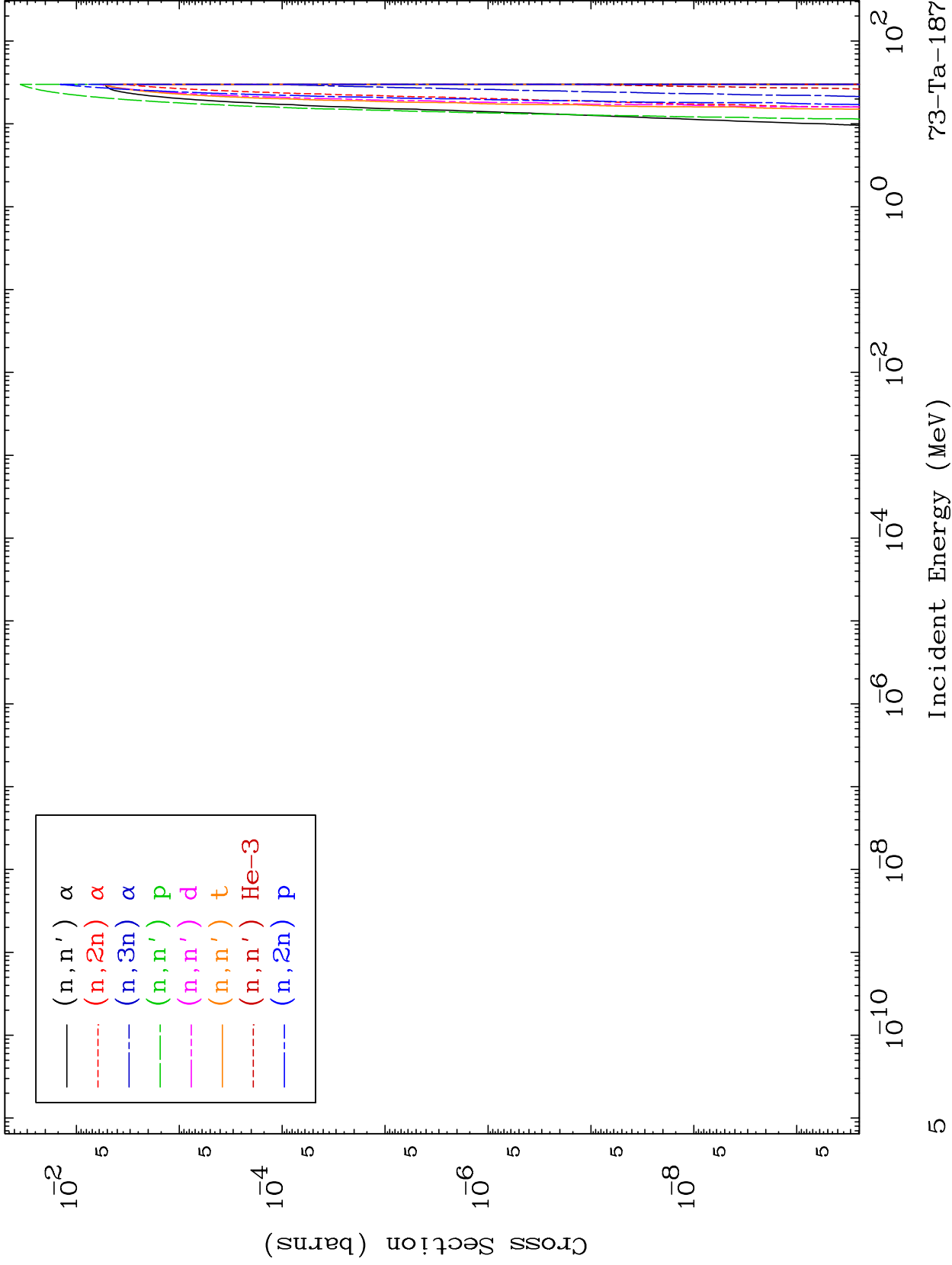




MAT 7346

Charged Particle
293 Kelvin Cross Sections

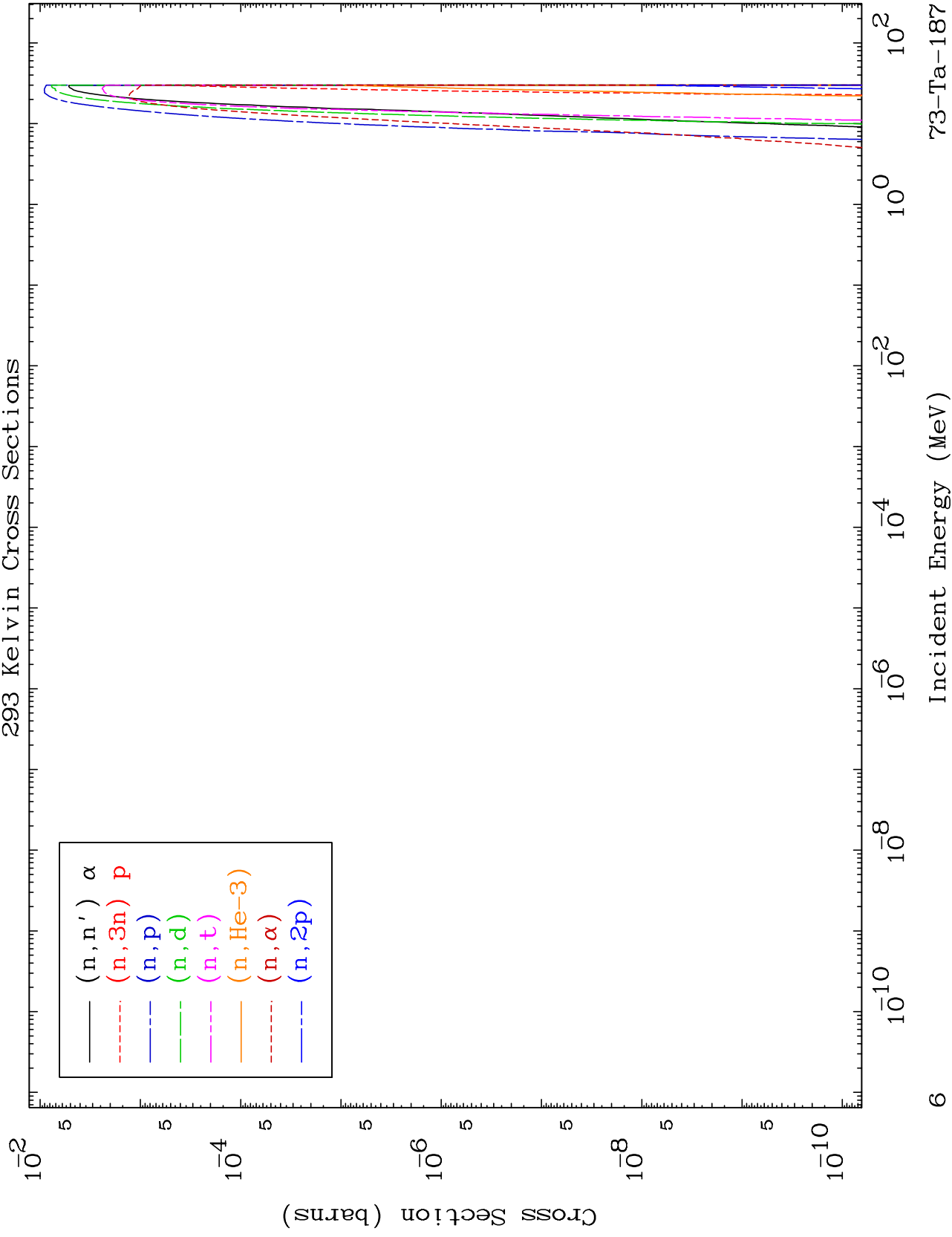
73-Ta-187



MAT 7346

Charged Particle
293 Kelvin Cross Sections

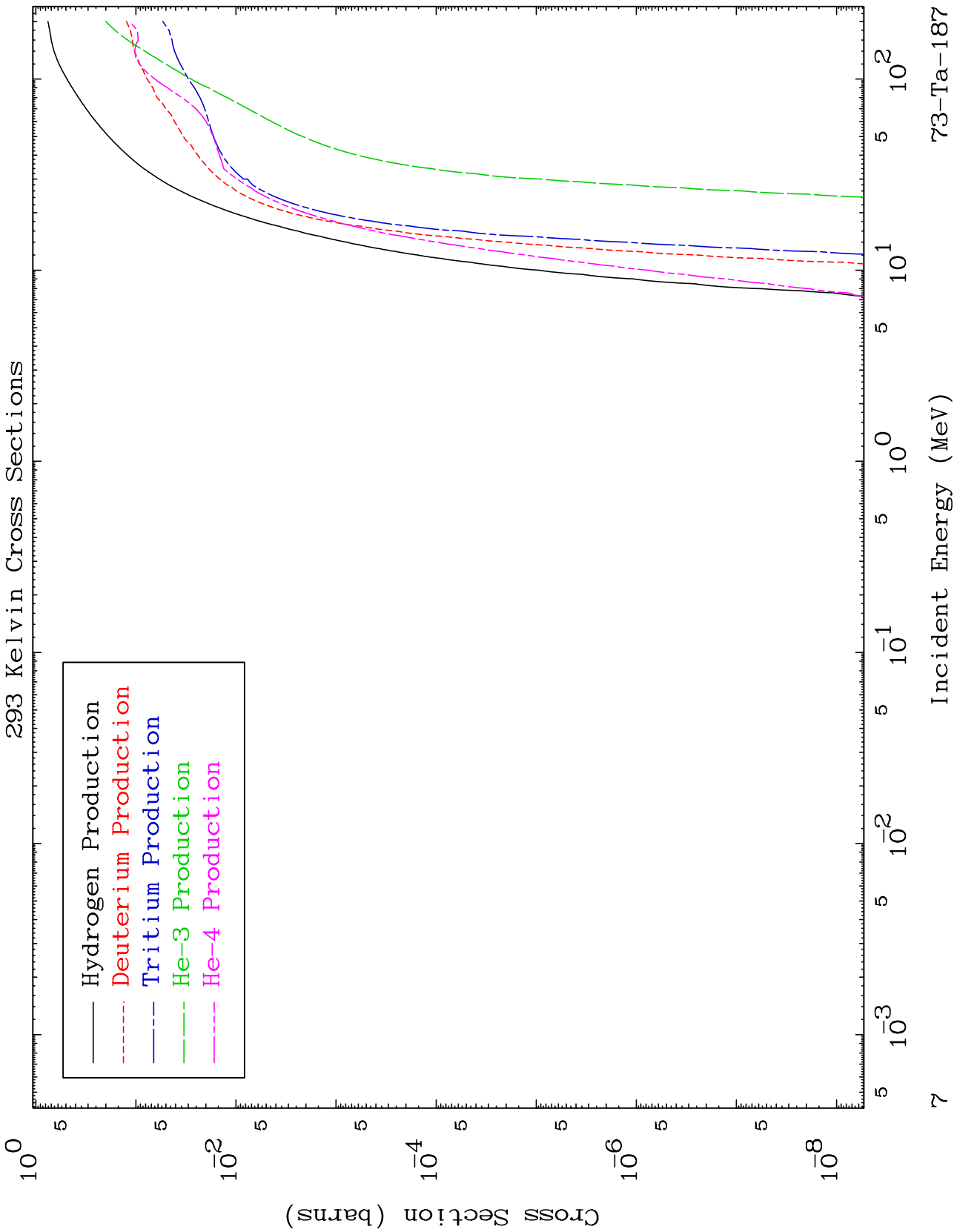
⁷³Ta-187



MAT 7346

Particle Production
293 Kelvin Cross Sections

73-Ta-187



7

MAT 7346

(n,n') Levels

73-Ta-187

293 Kelvin Cross Sections

10^4

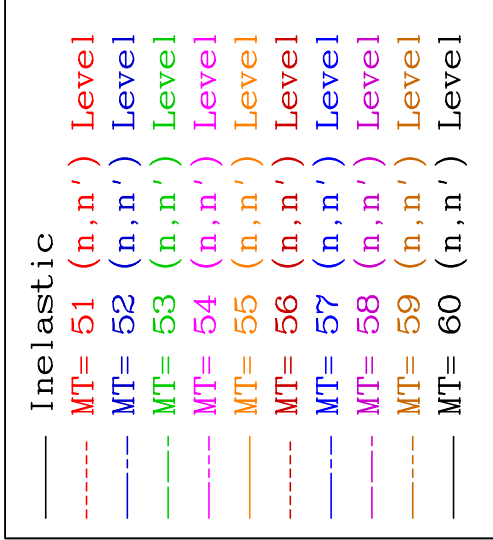
10^2

10^0

10^{-2}

10^{-4}

Cross Section (barns)



10^2

2

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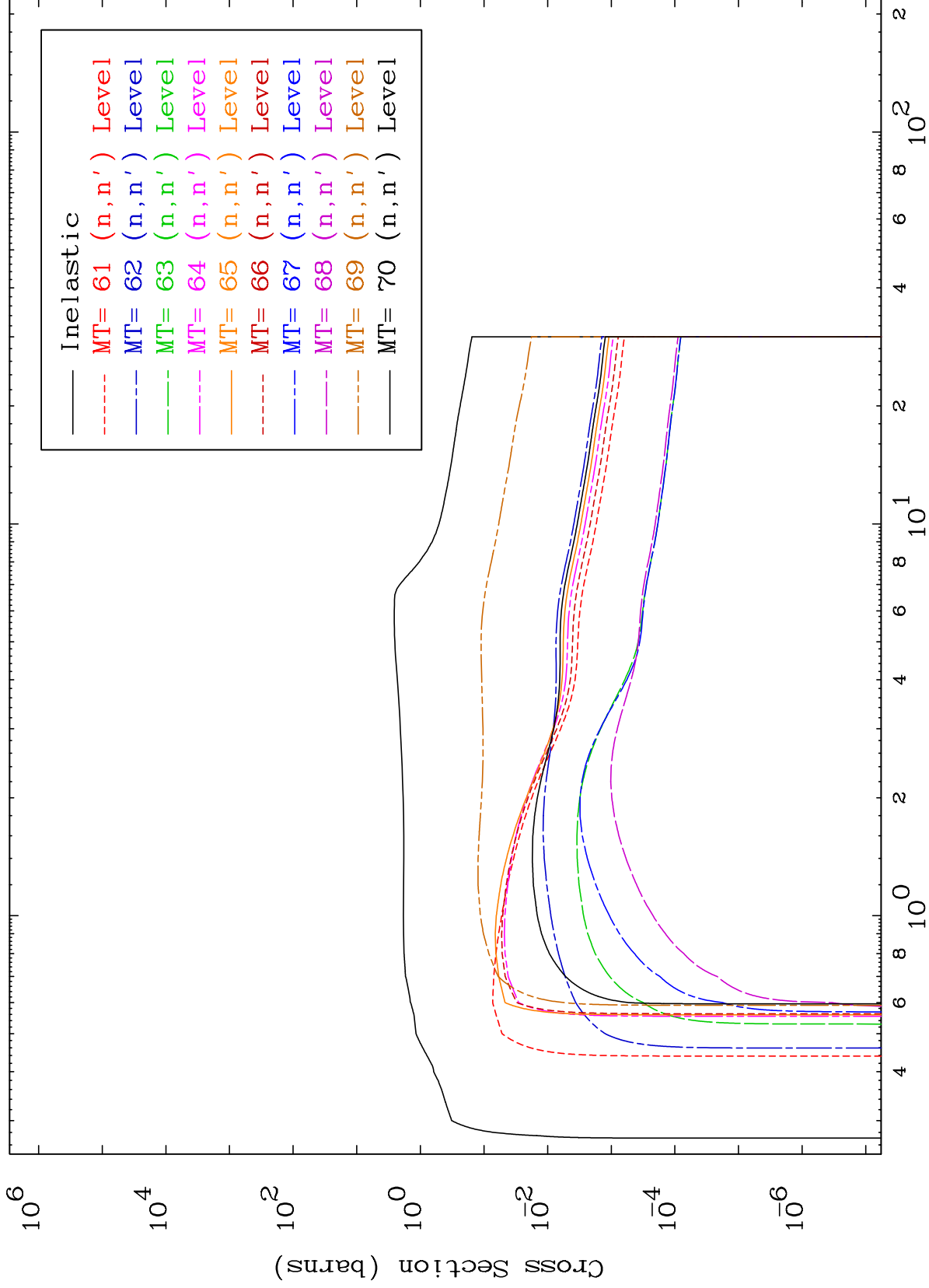
8

MAT 7346

(n,n') Levels

73-Ta-187

293 Kelvin Cross Sections

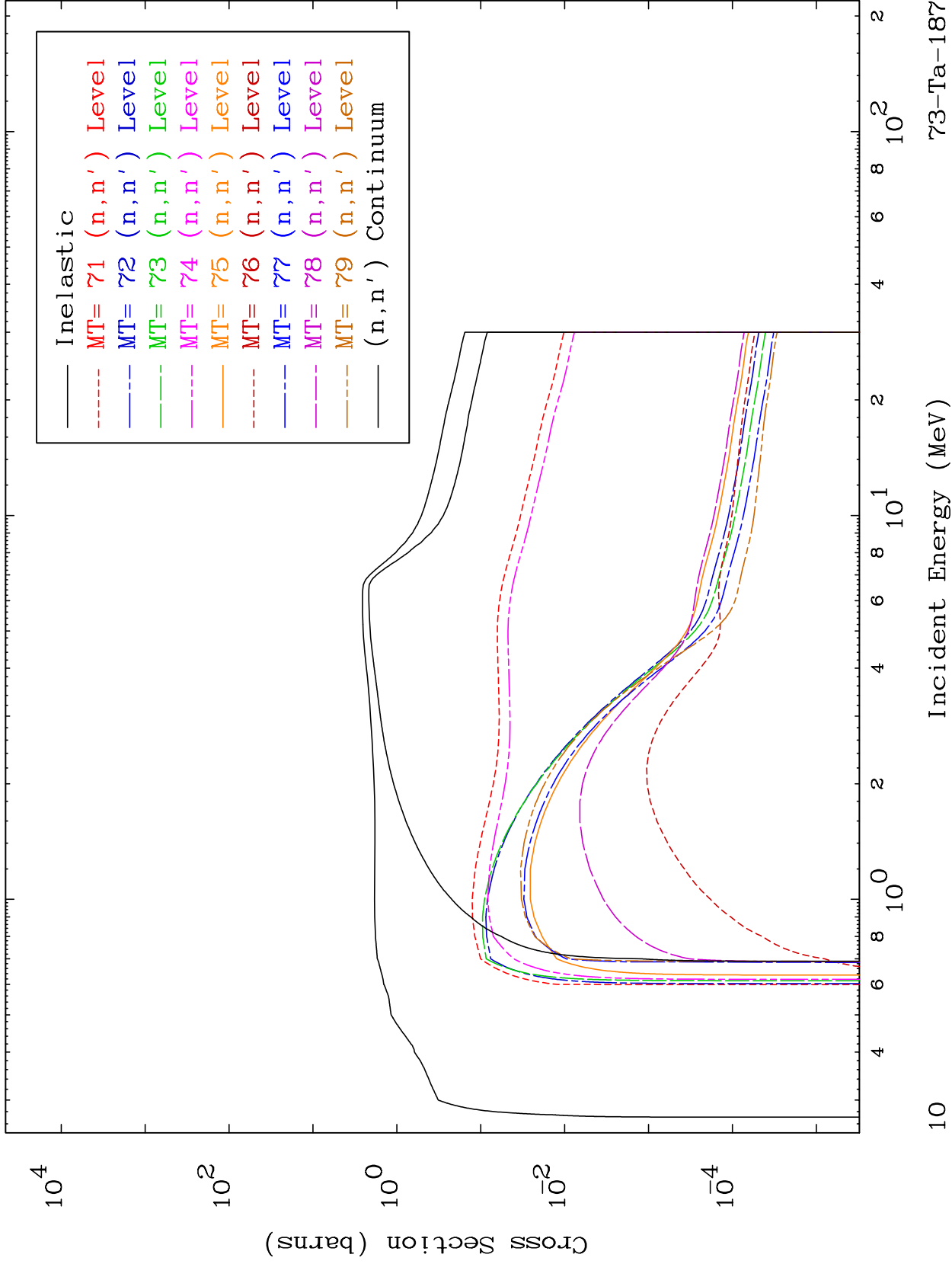


MAT 7346

(n,n') Levels

73-Ta-187

293 Kelvin Cross Sections



10

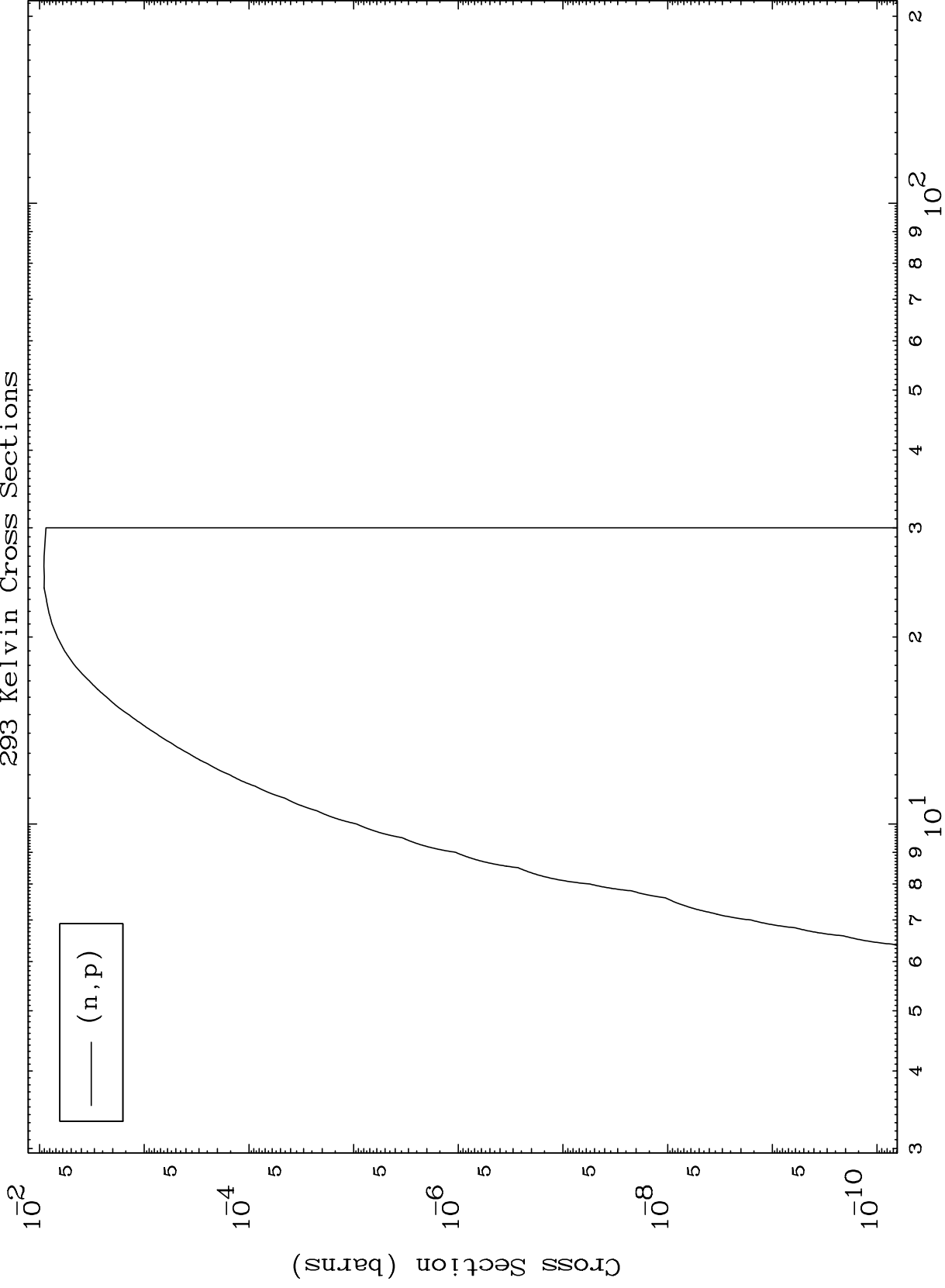
Incident Energy (MeV)

73-Ta-187

MAT 7346

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-187



11

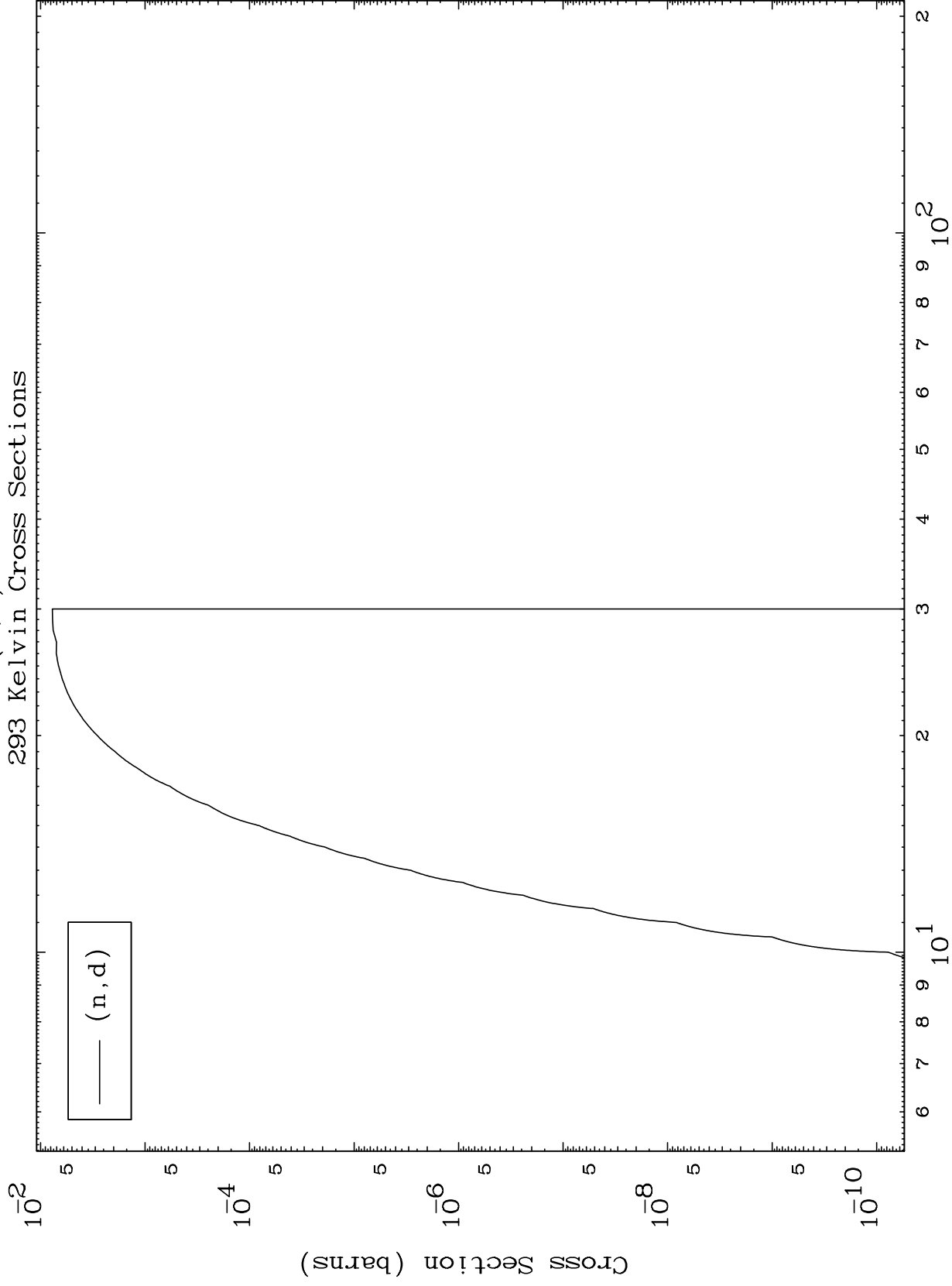
Incident Energy (MeV)

73-Ta-187

MAT 7346

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-187



12

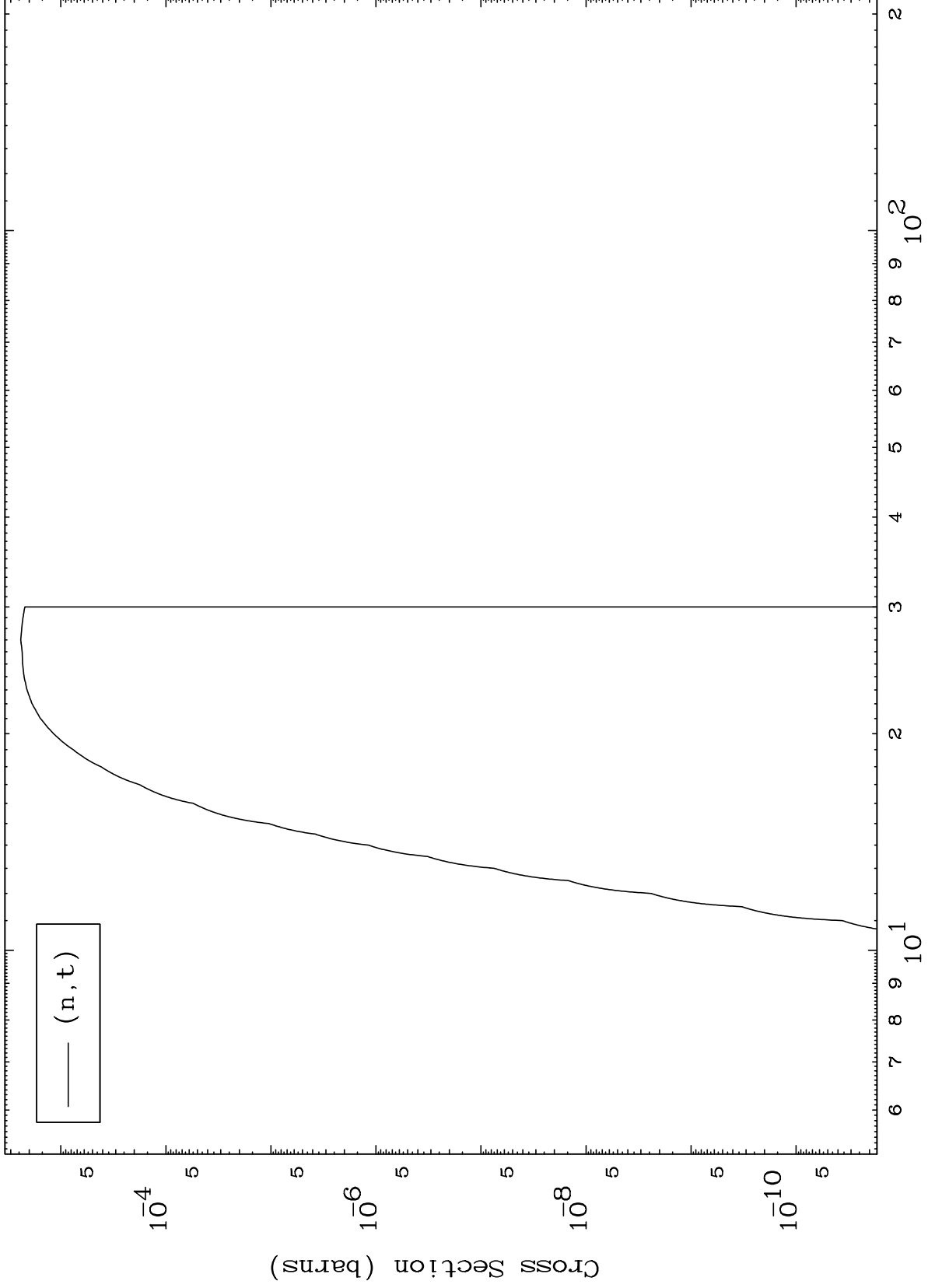
Incident Energy (MeV)

73-Ta-187

MAT 7346

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-187



13

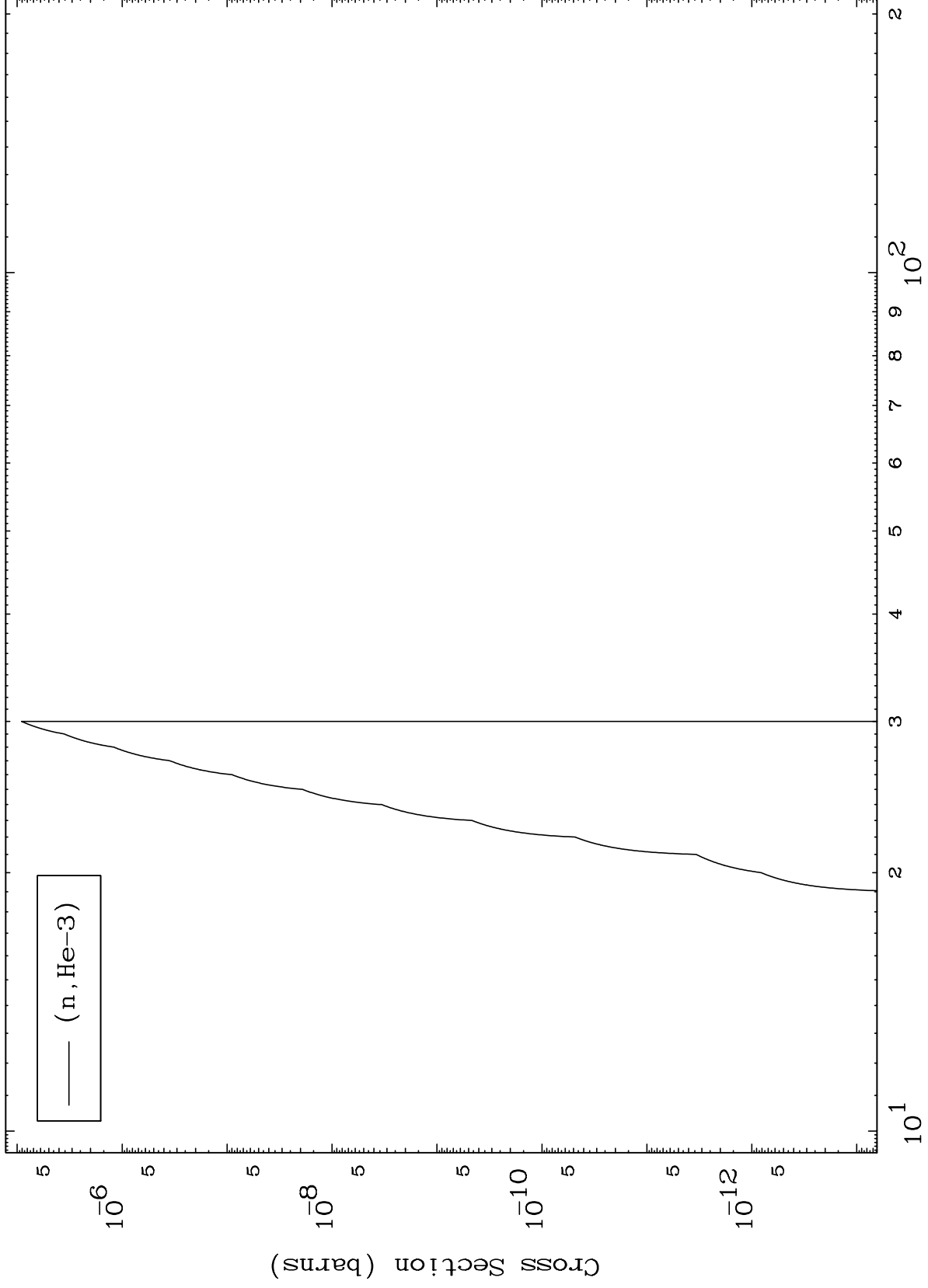
Incident Energy (MeV)

73-Ta-187

MAT 7346

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-187



14

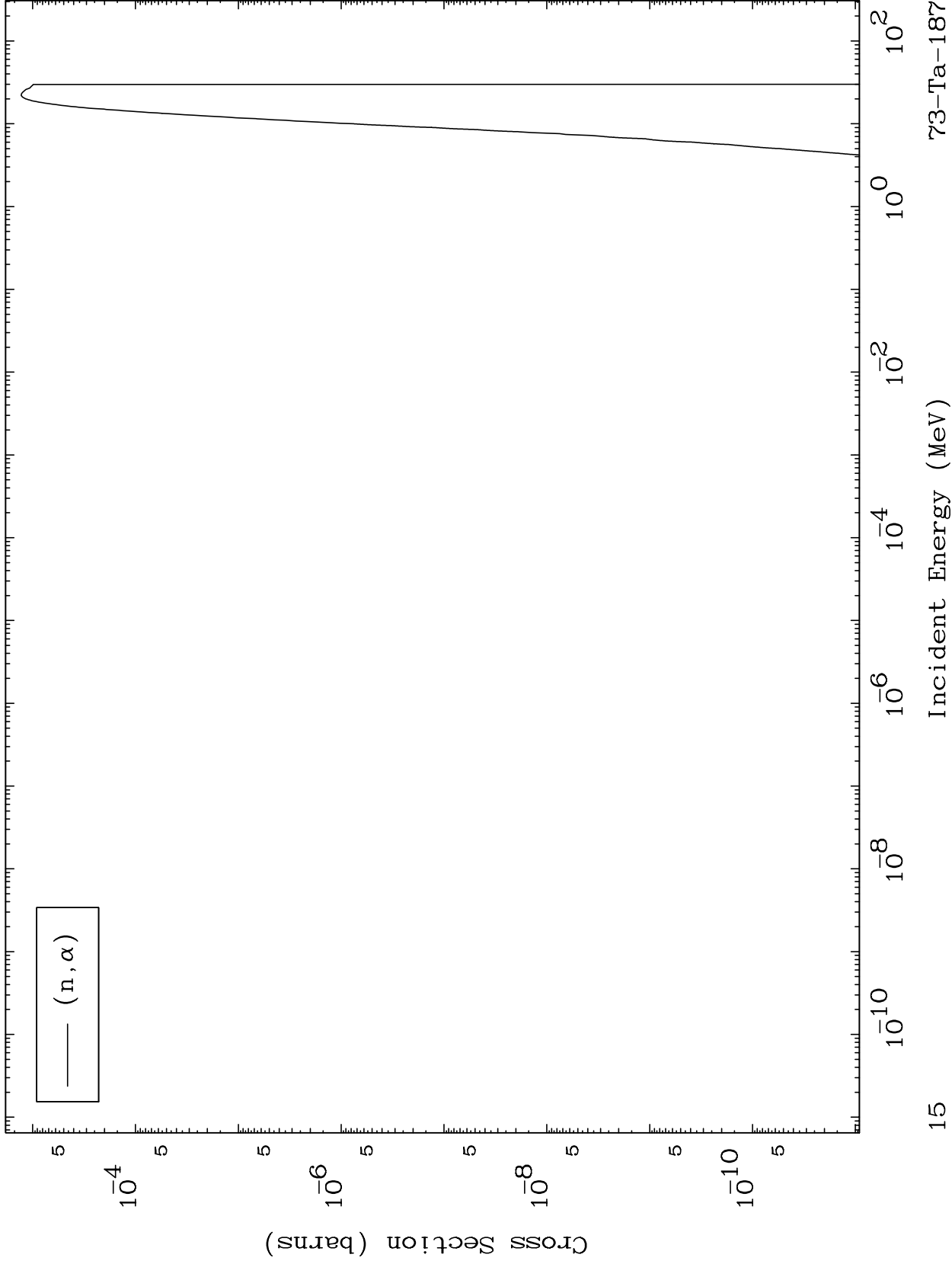
Incident Energy (MeV)

73-Ta-187

MAT 7346

(n, α) Levels
293 Kelvin Cross Sections

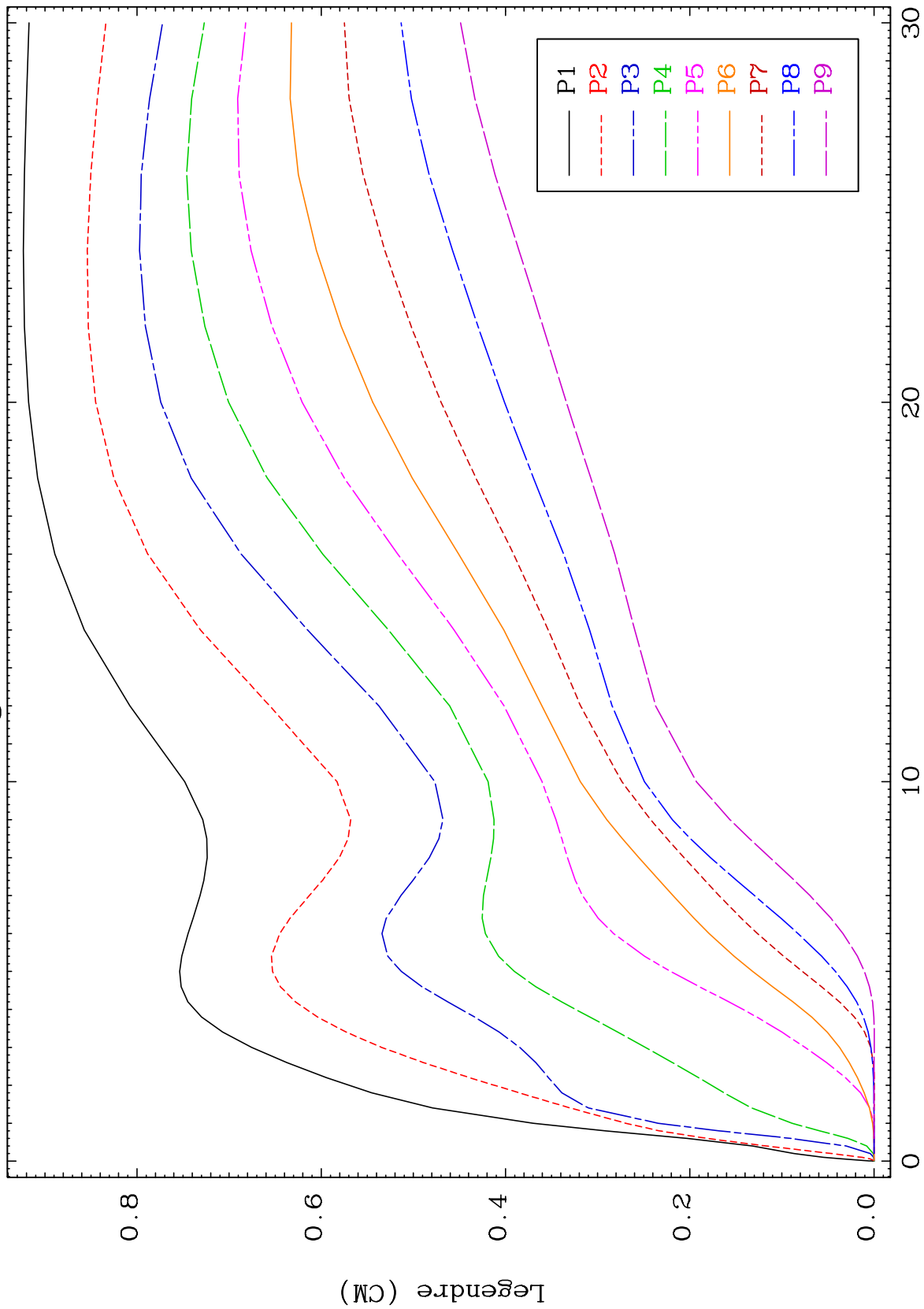
73-Ta-187



MAT 7346

Elastic Legendre Coefficients

⁷³Ta-187



16

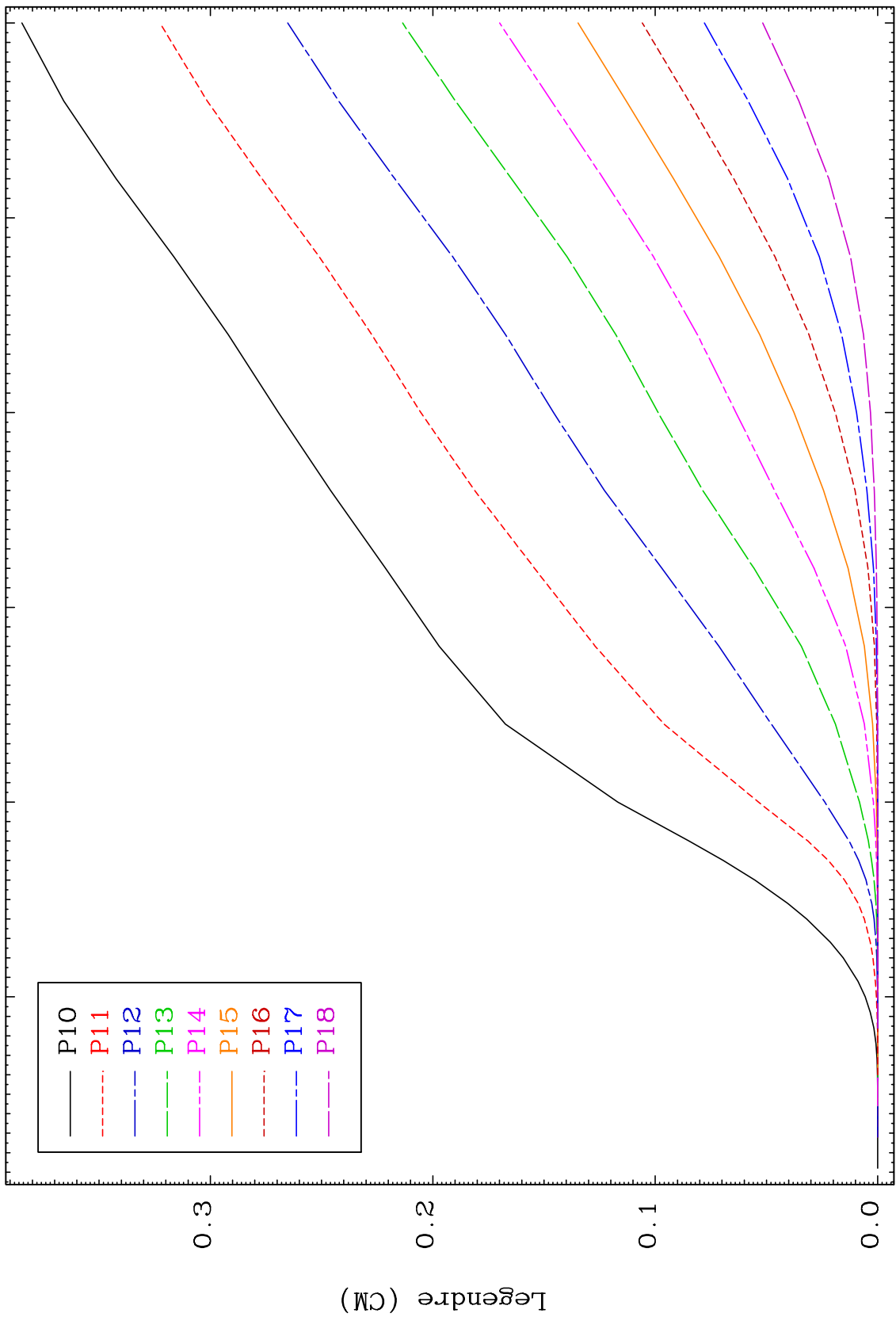
Incident Energy (MeV)

⁷³Ta-187

MAT 7346

Elastic Legendre Coefficients

⁷³Ta-187



17

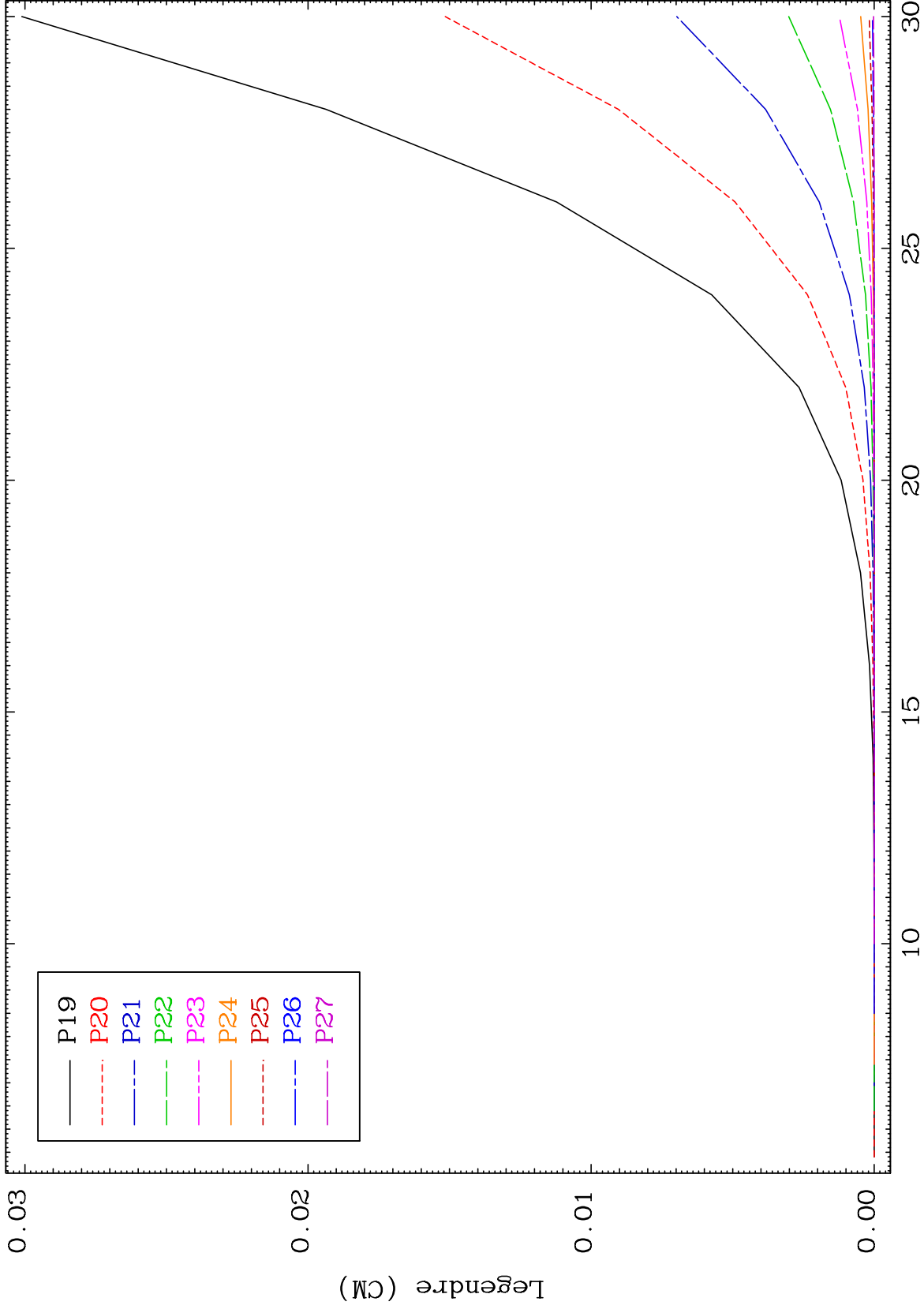
Incident Energy (MeV)

⁷³Ta-187

MAT 7346

Elastic
Legendre Coefficients

73-Ta-187



18

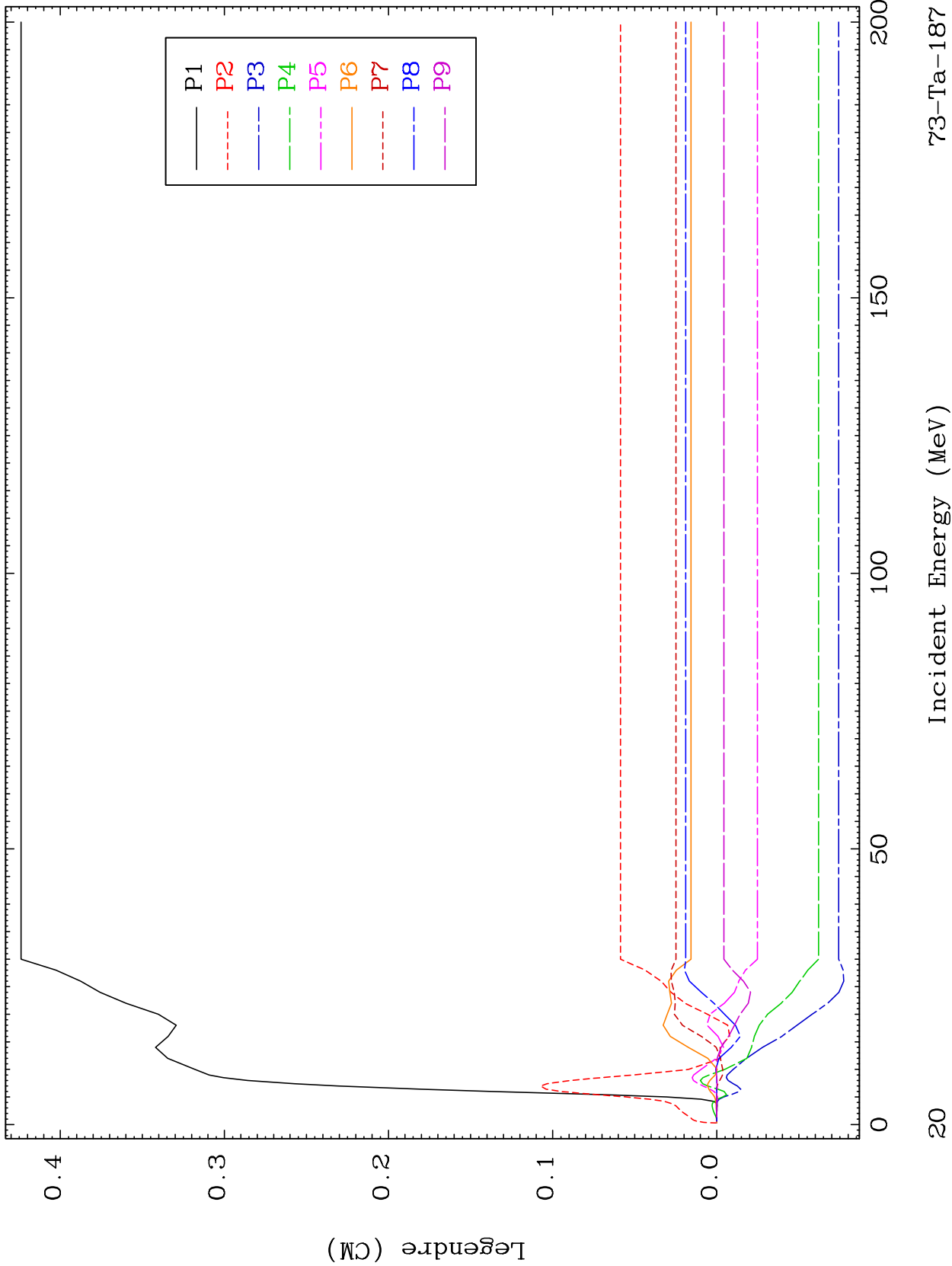
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187

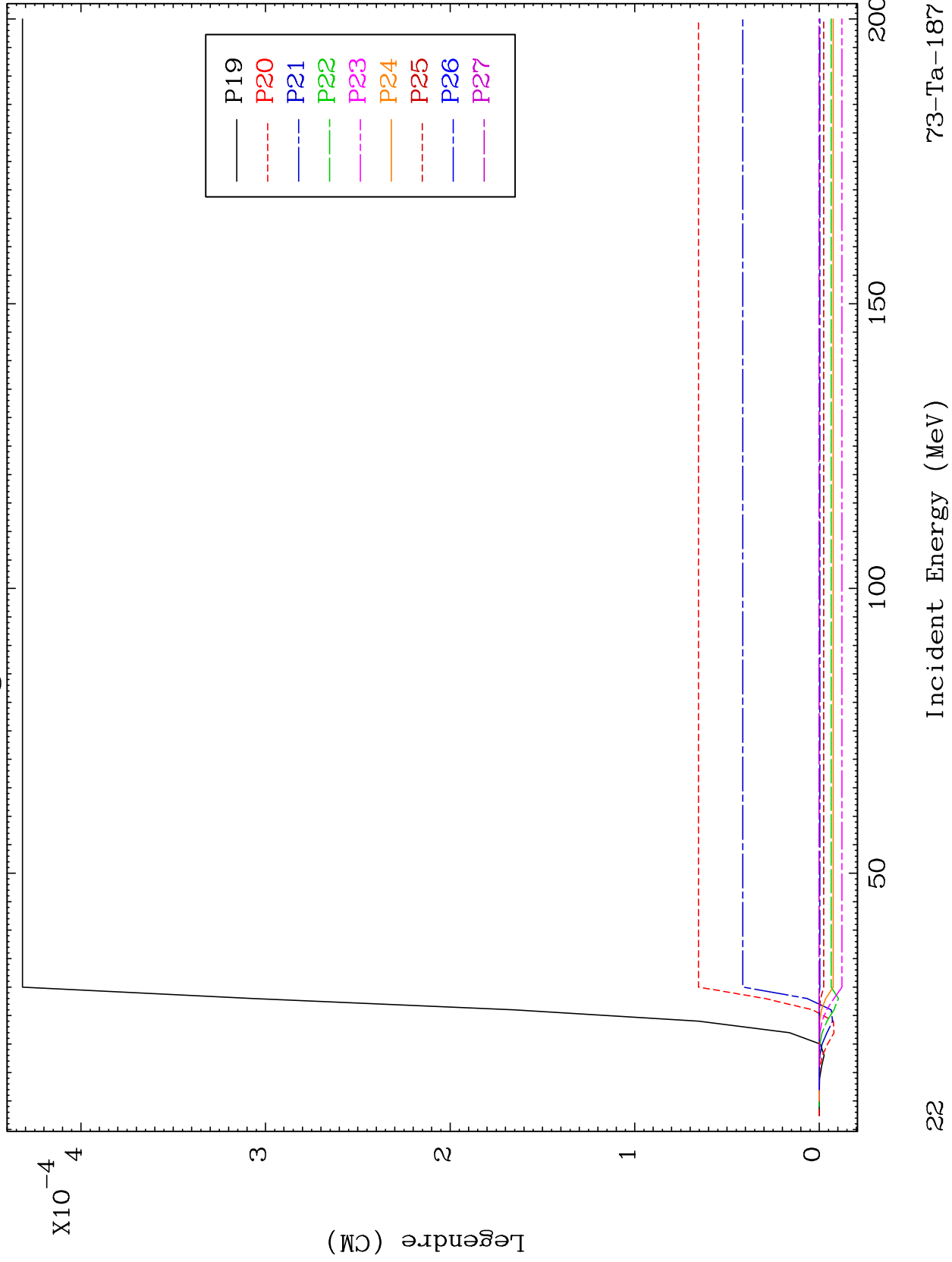


73-Ta-187

MAT 7346

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

73-Ta-187

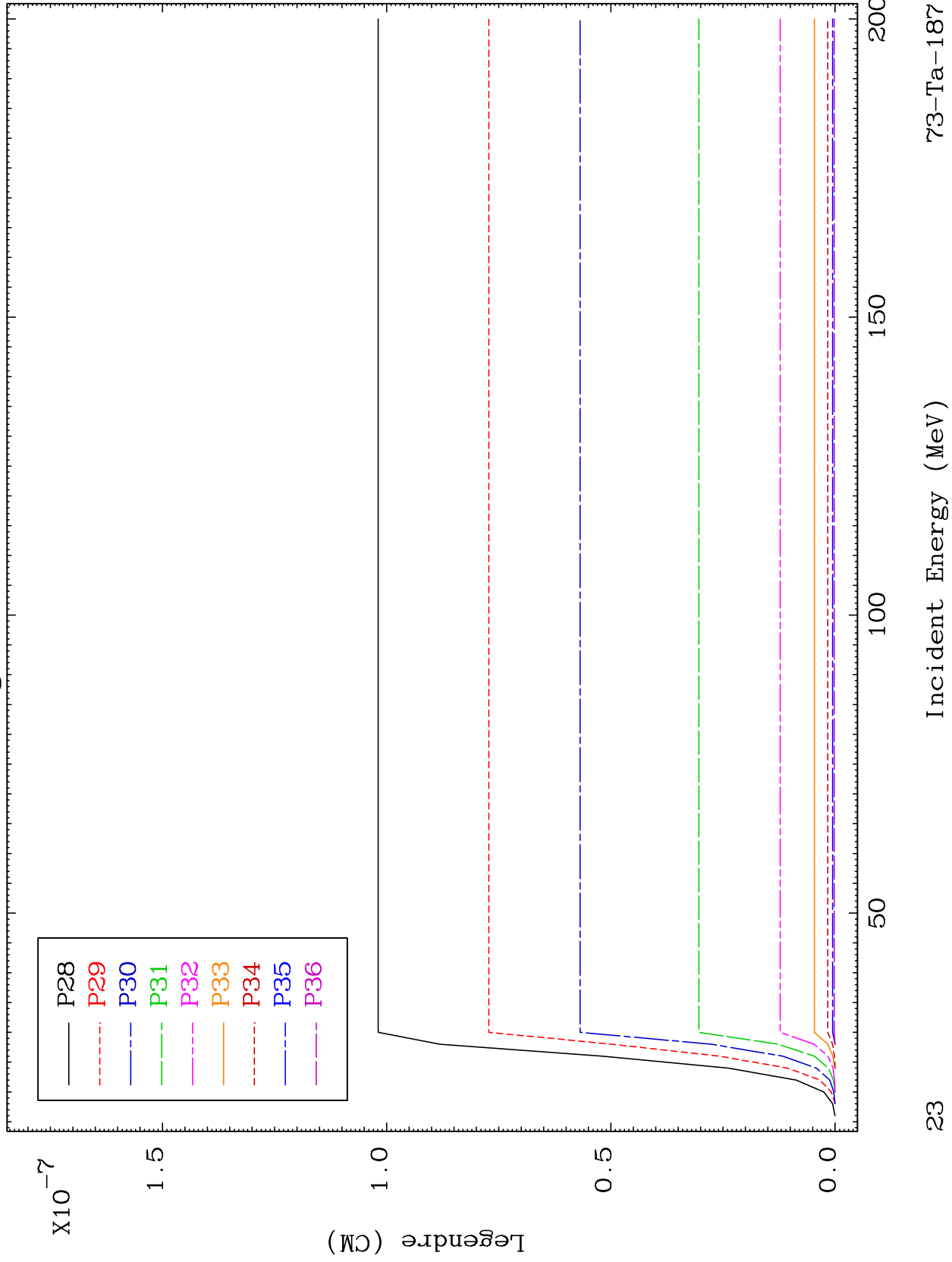


22

MAT 7346

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

73-Ta-187

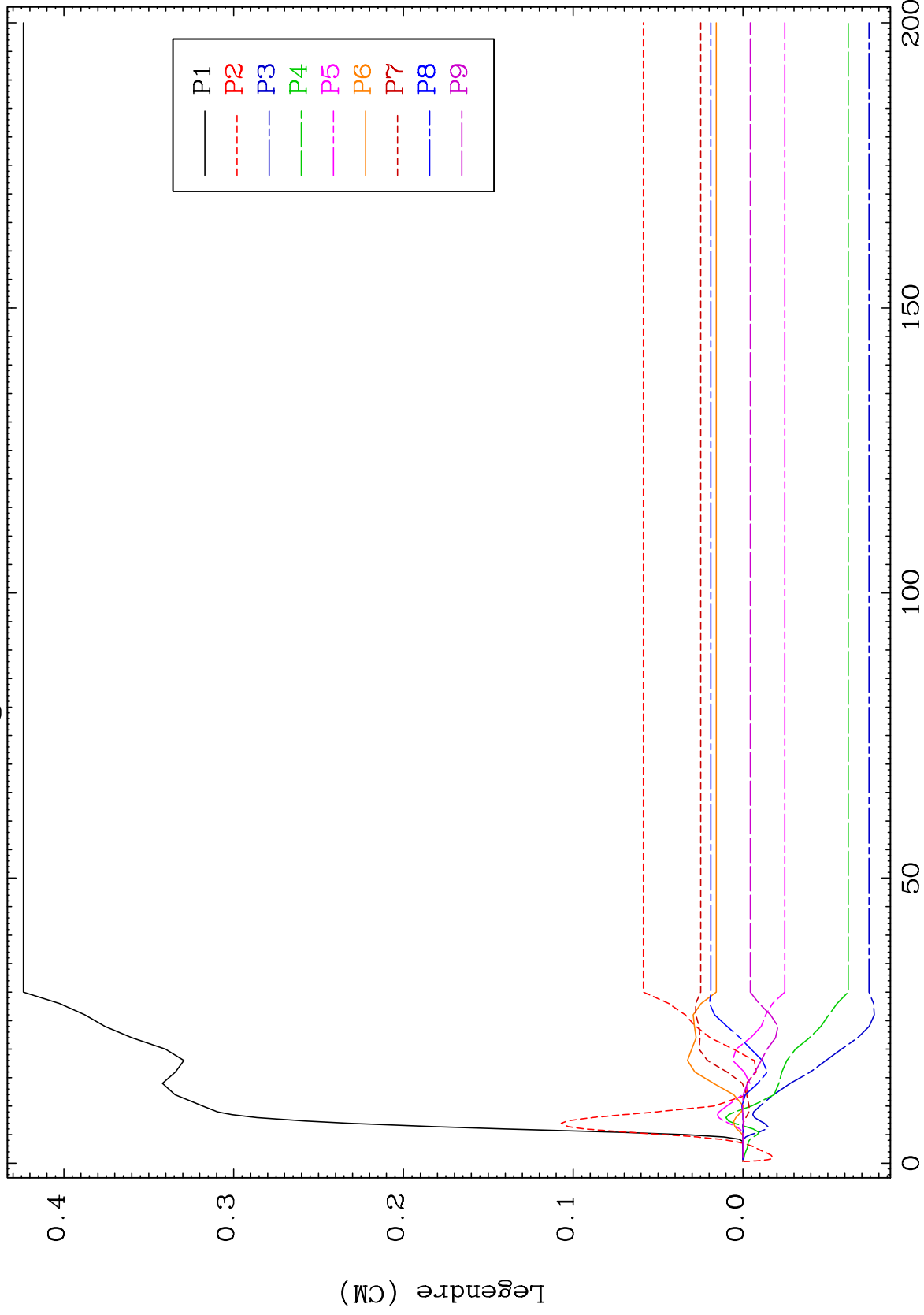


23

MAT 7346

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

73-Ta-187



73-Ta-187

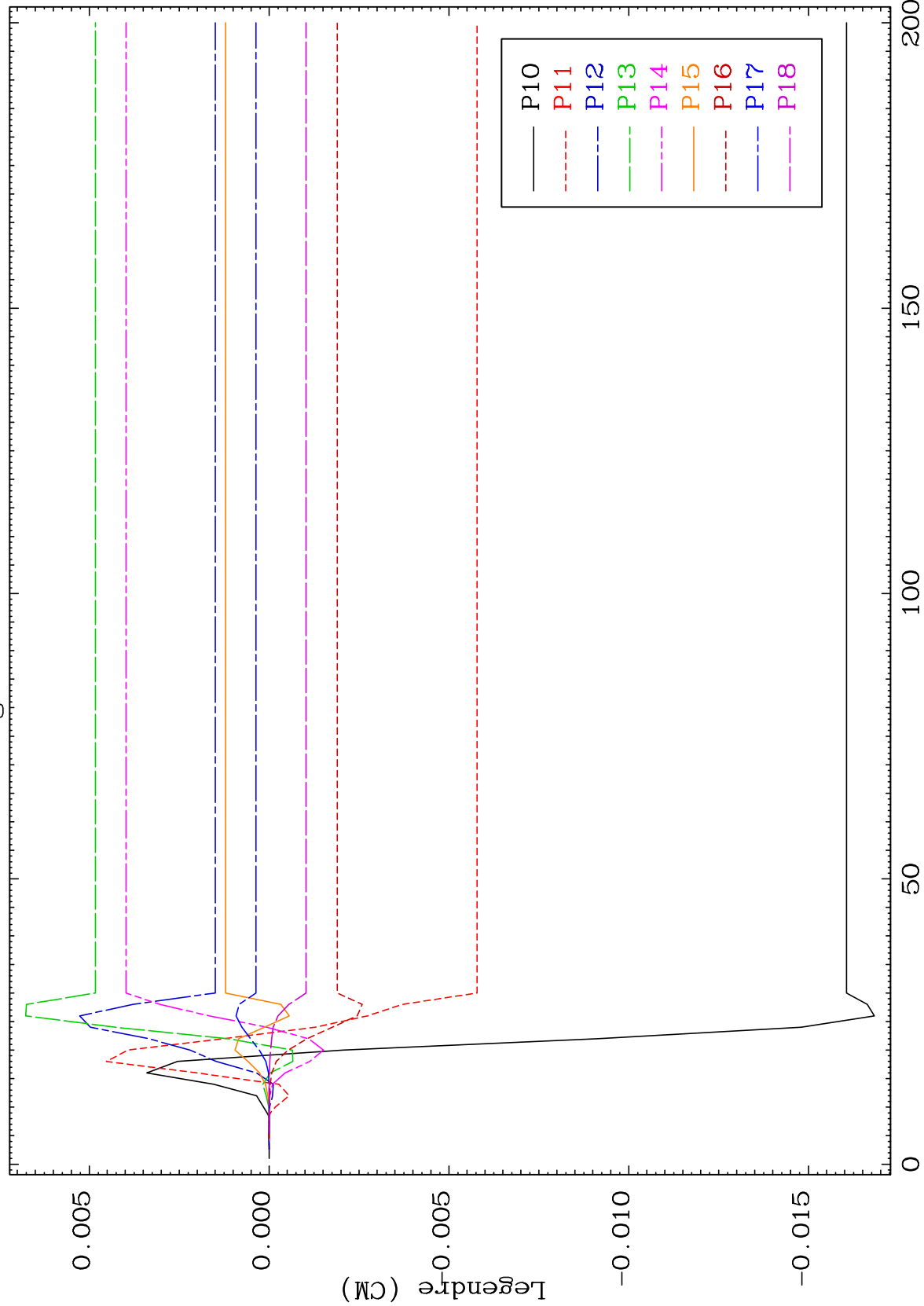
Incident Energy (MeV)

24

MAT 7346

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

73-Ta-187



25

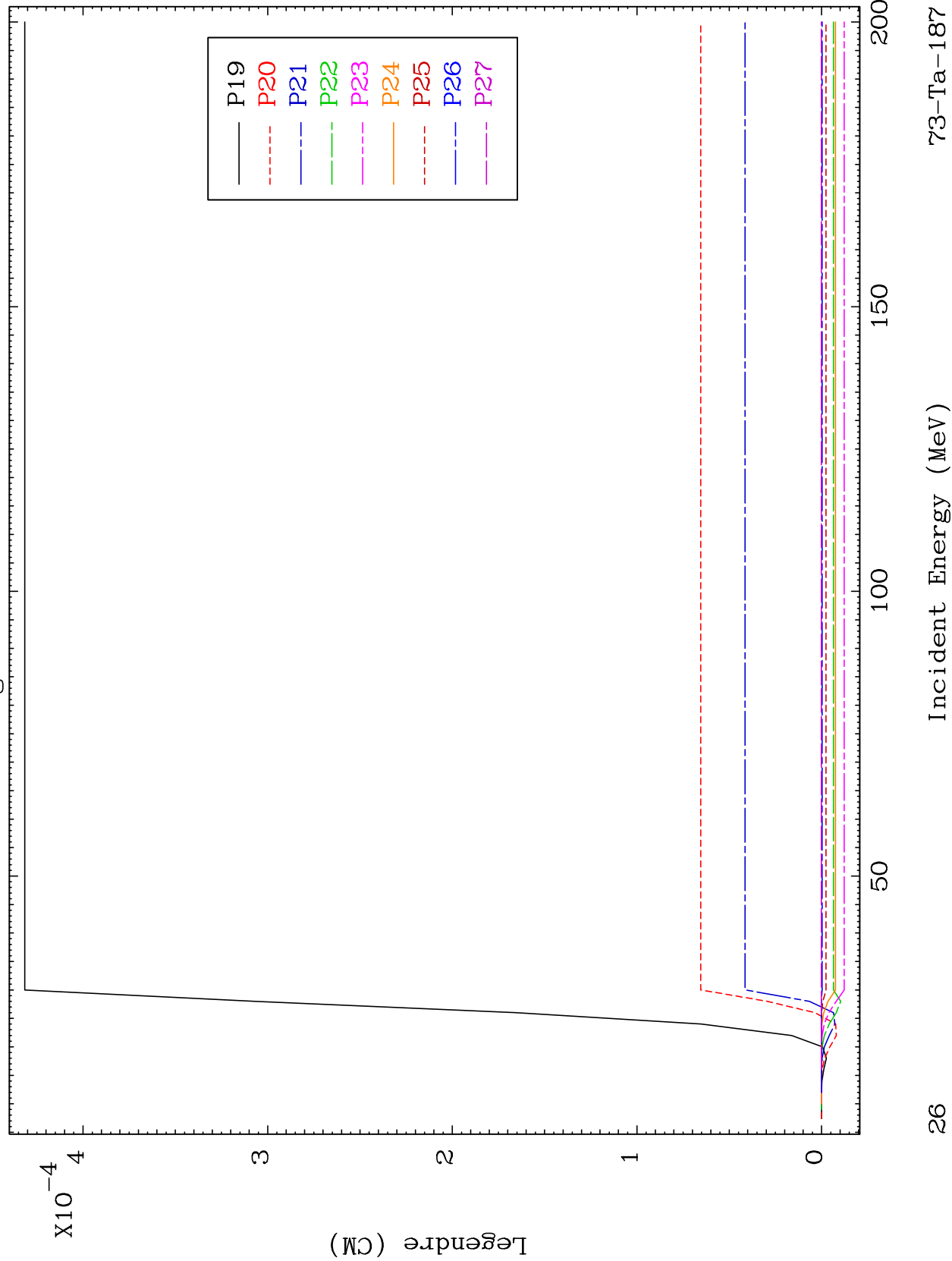
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



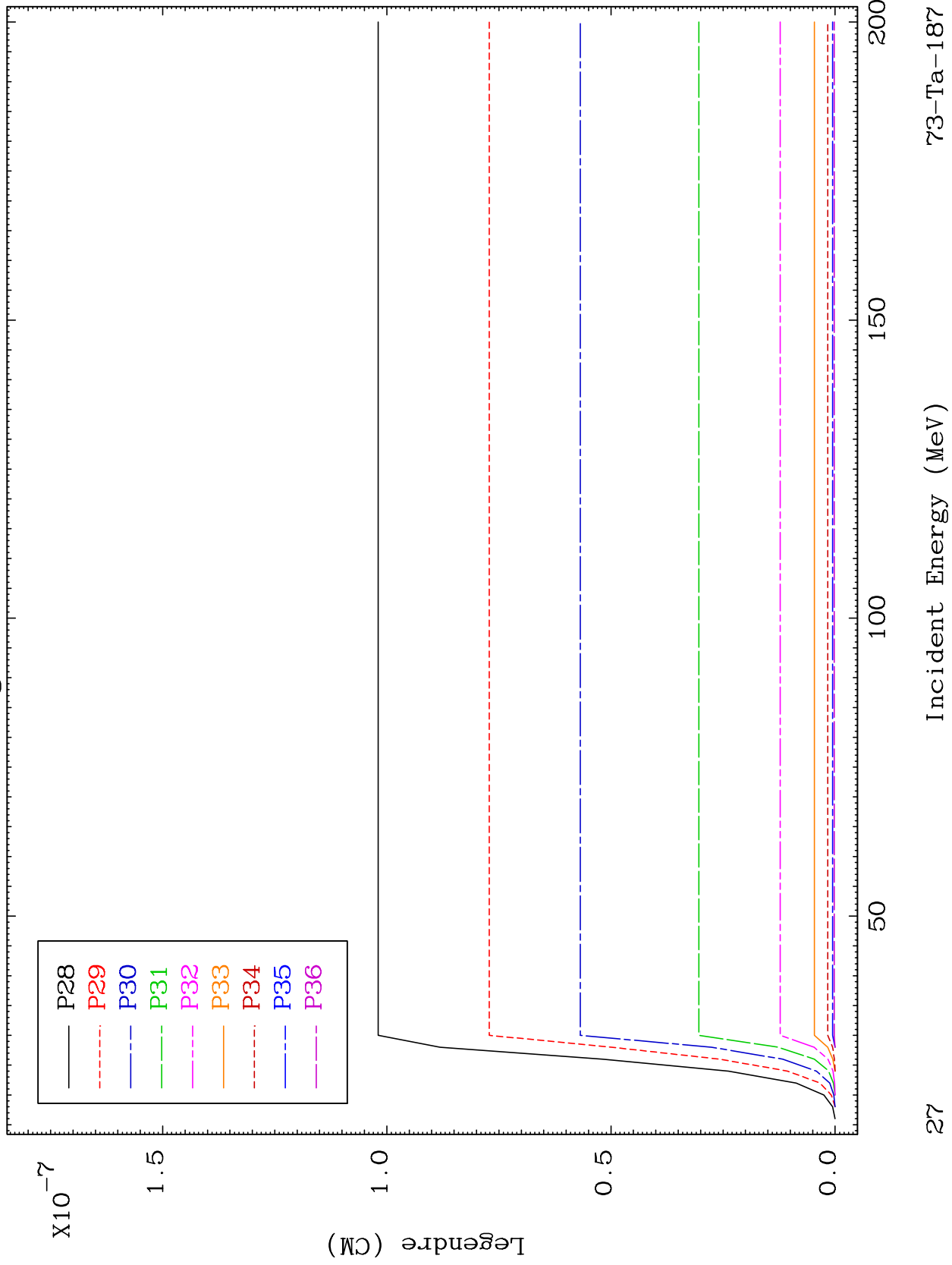
26

73-Ta-187

MAT 7346

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

73-Ta-187

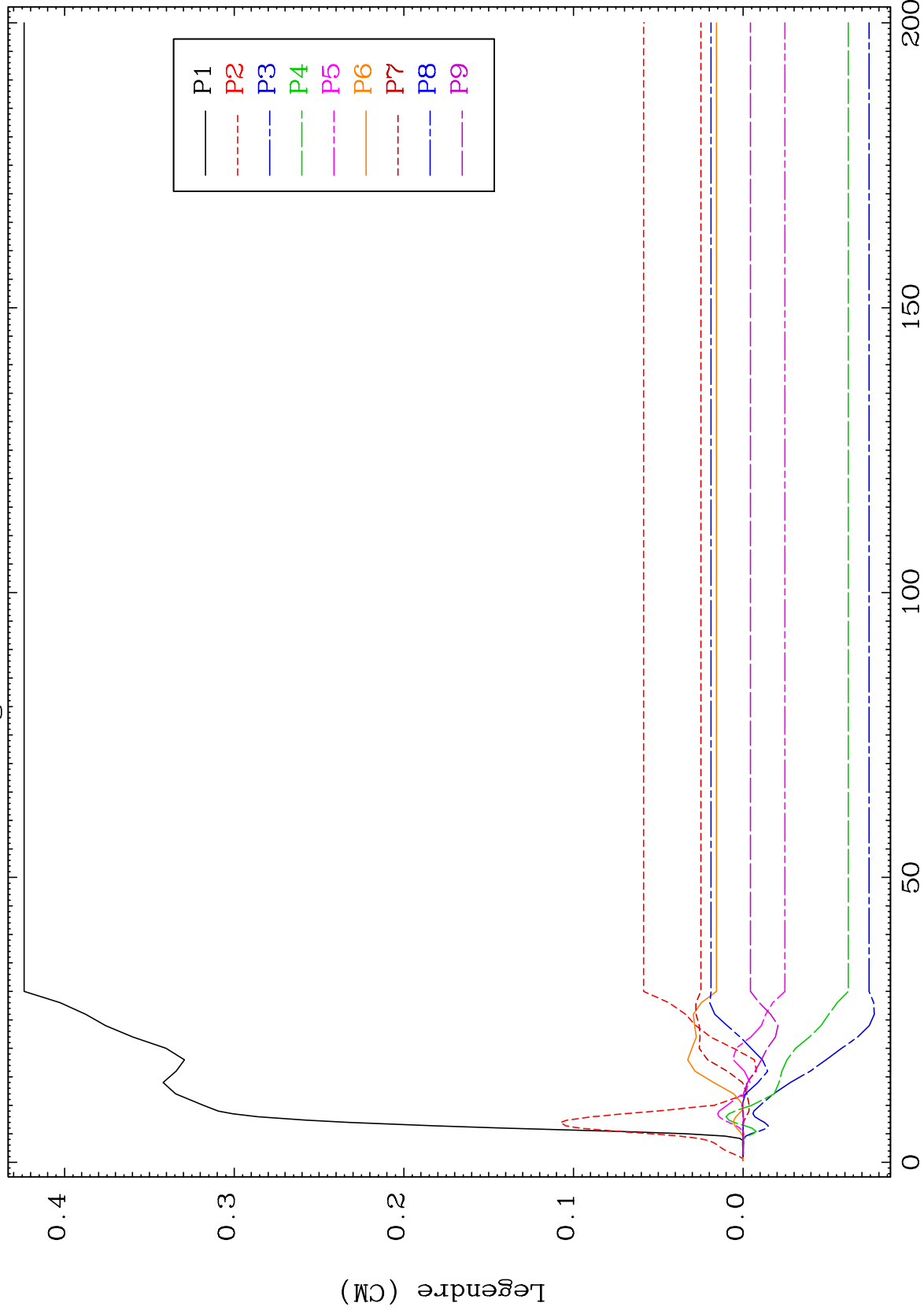


27

MAT 7346

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

73-Ta-187



73-Ta-187

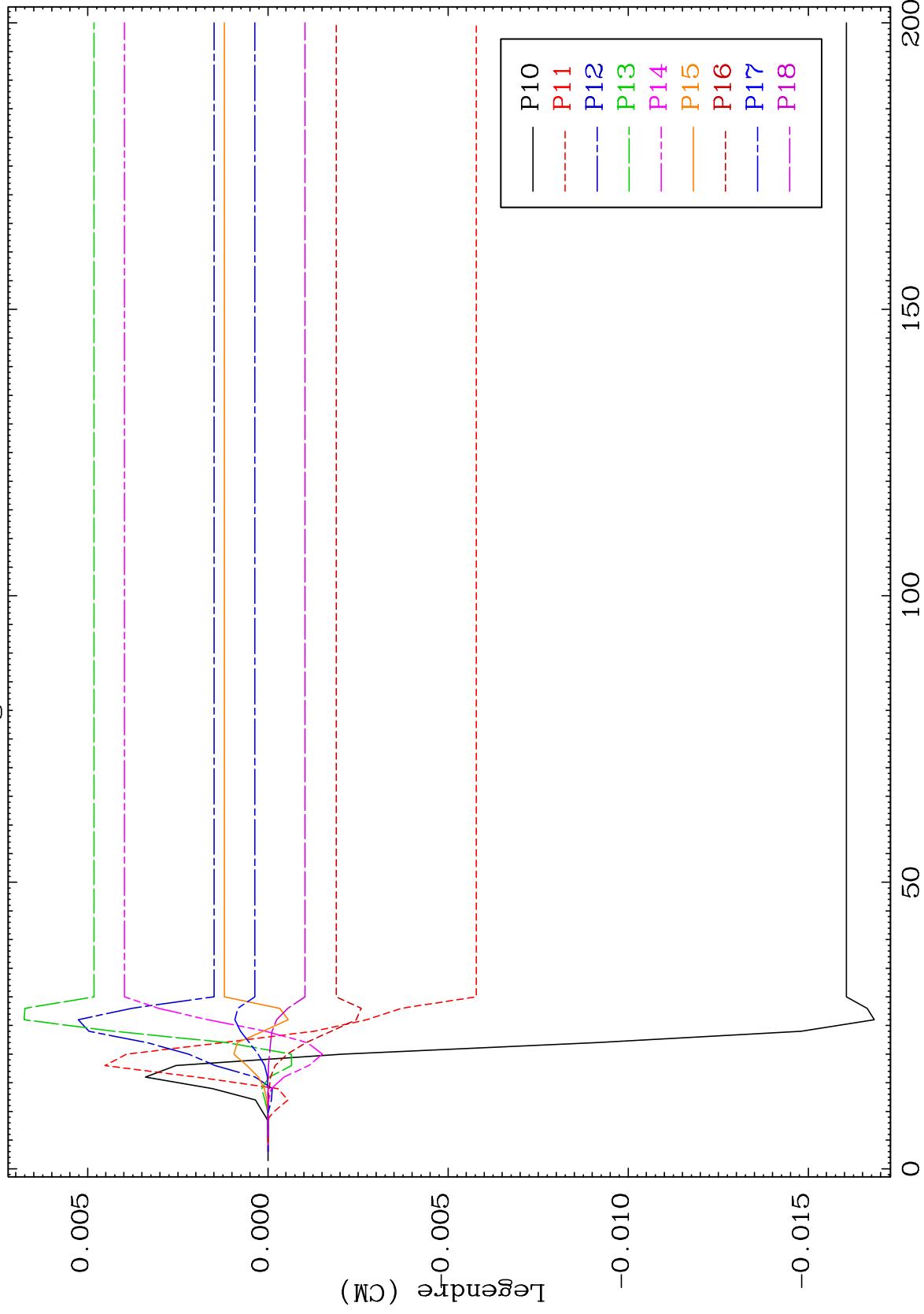
Incident Energy (MeV)

28

MAT 7346

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

73-Ta-187



29

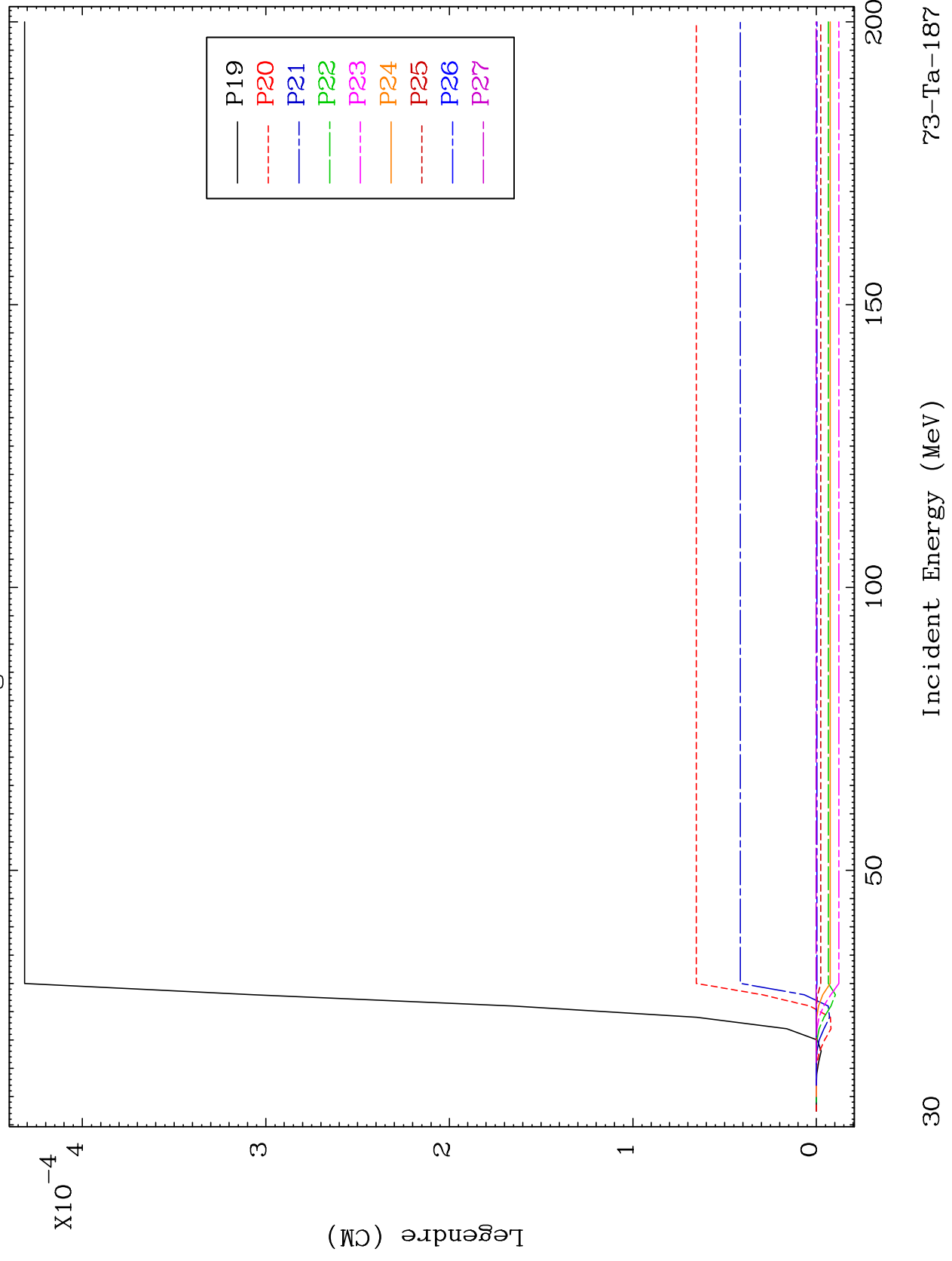
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



30

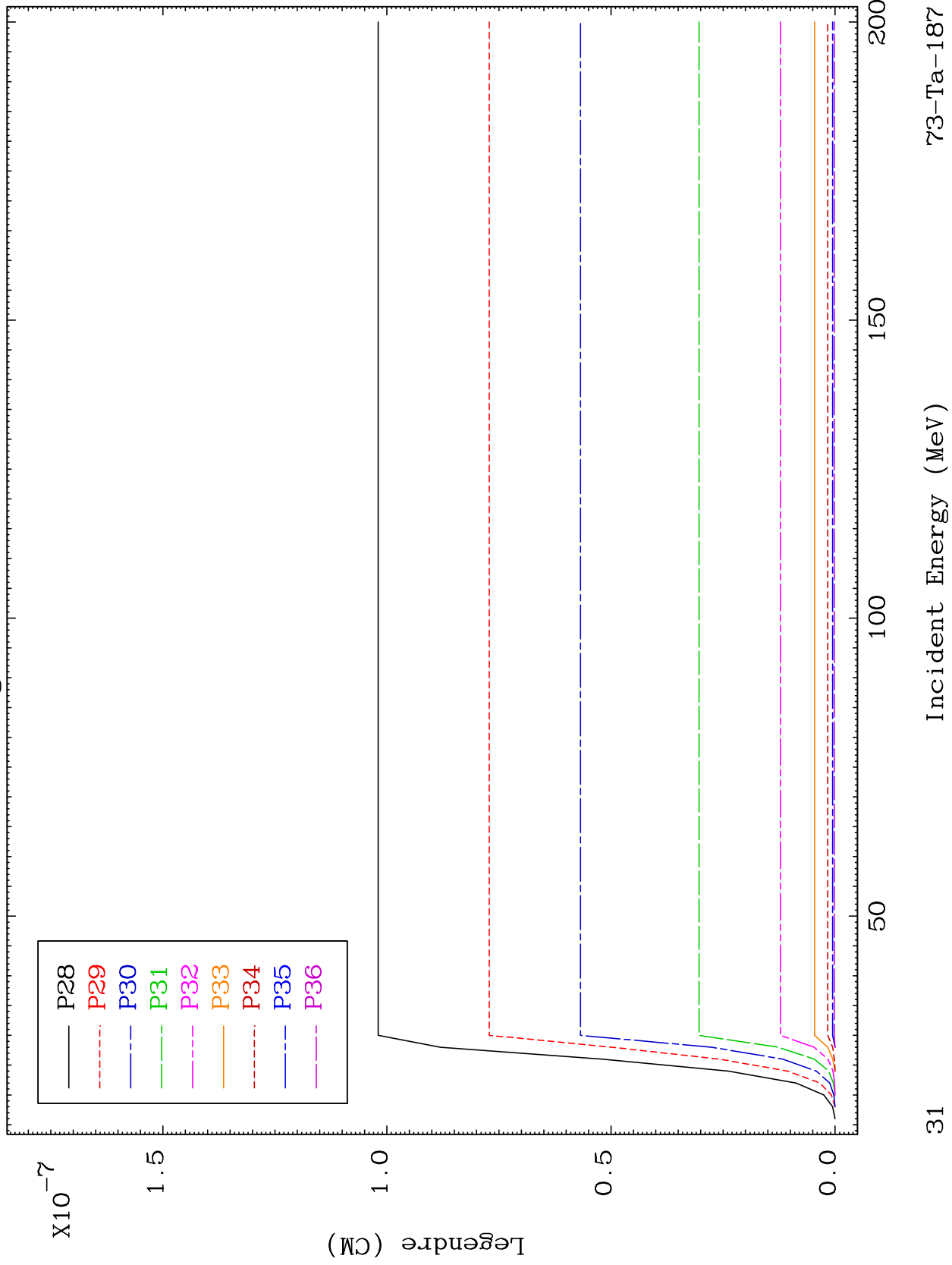
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



31

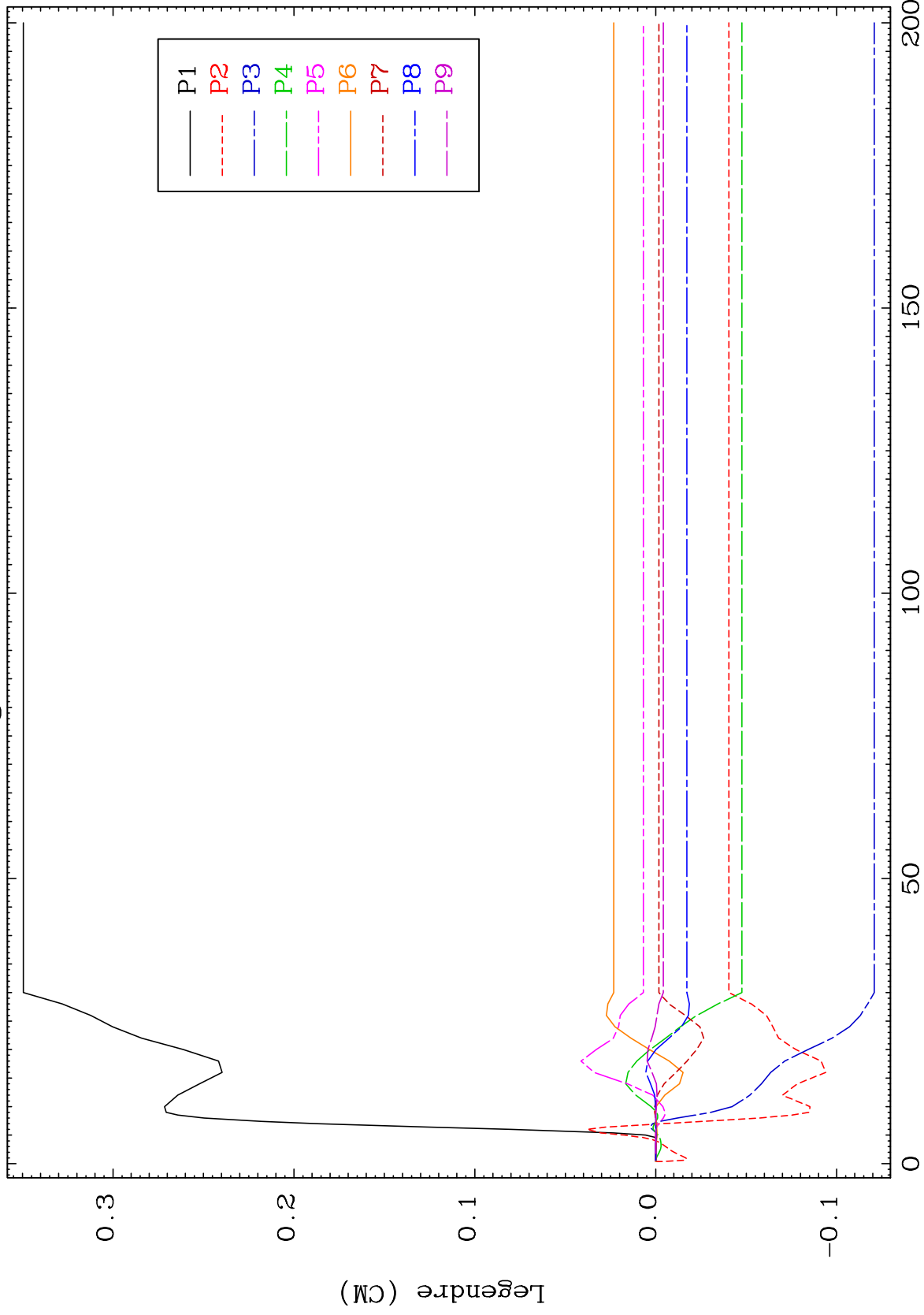
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



73-Ta-187

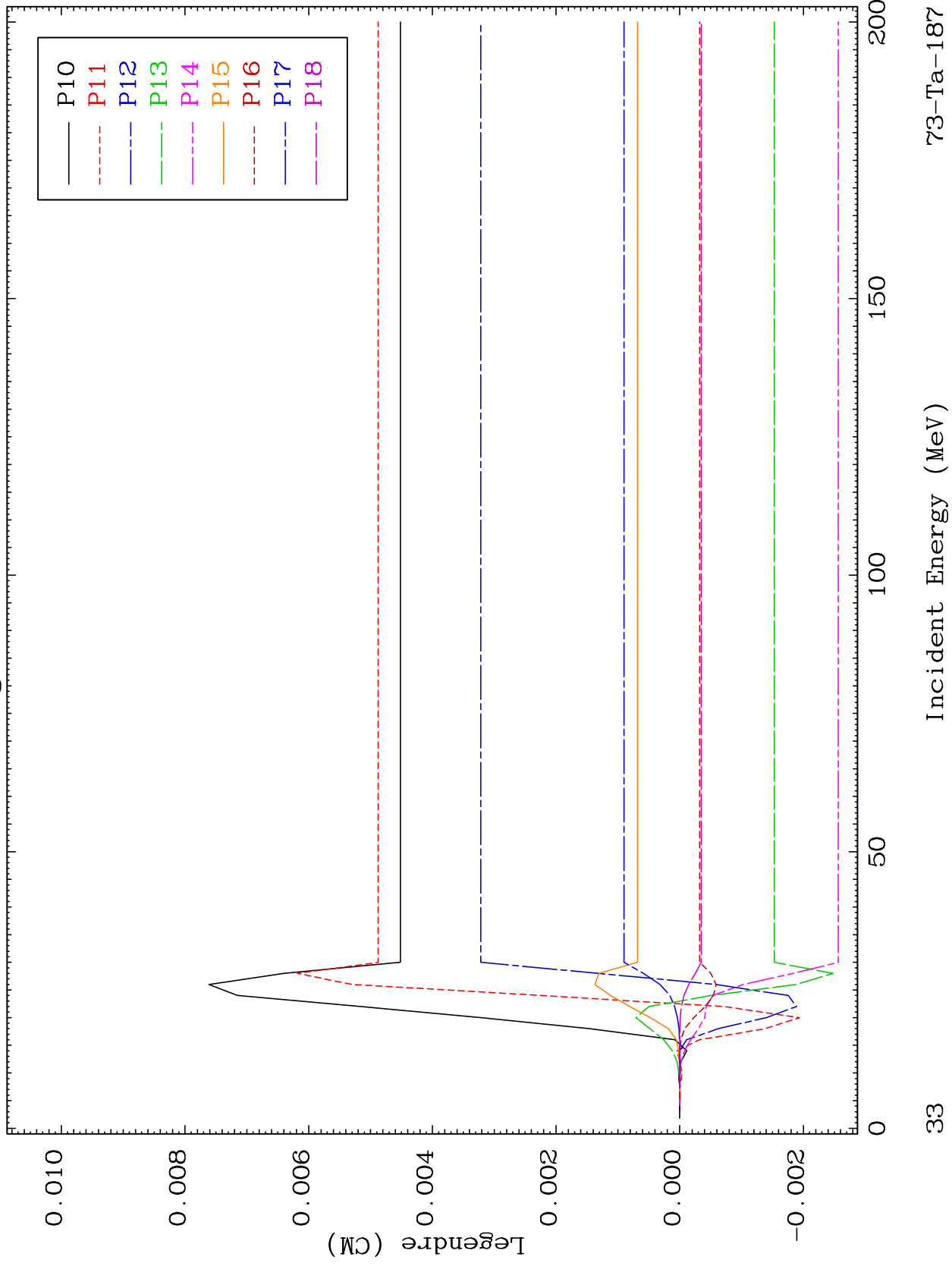
Incident Energy (MeV)

32

MAT 7346

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

73-Ta-187



33

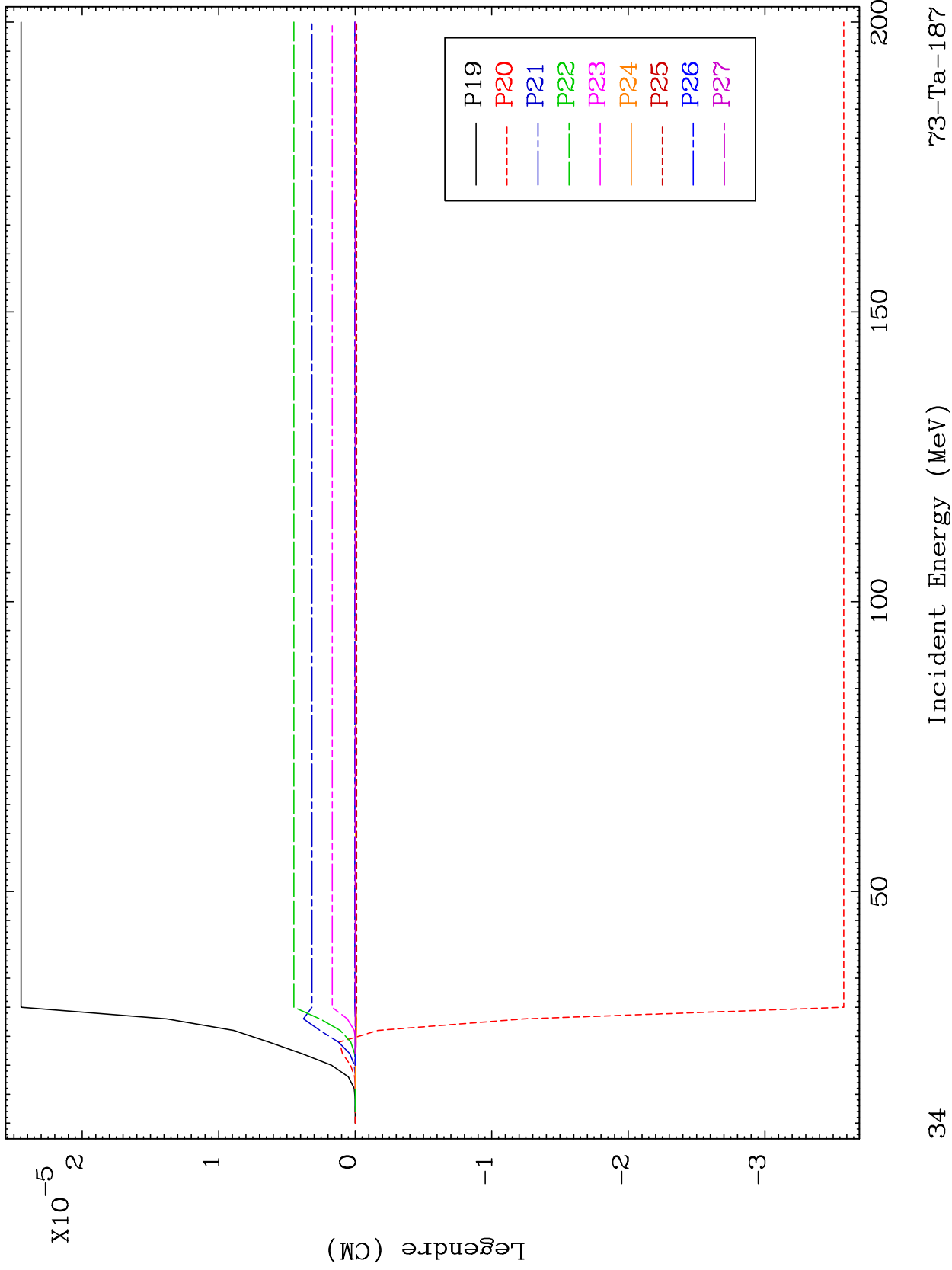
Incident Energy (MeV)

73-Ta-187

MAT 7346

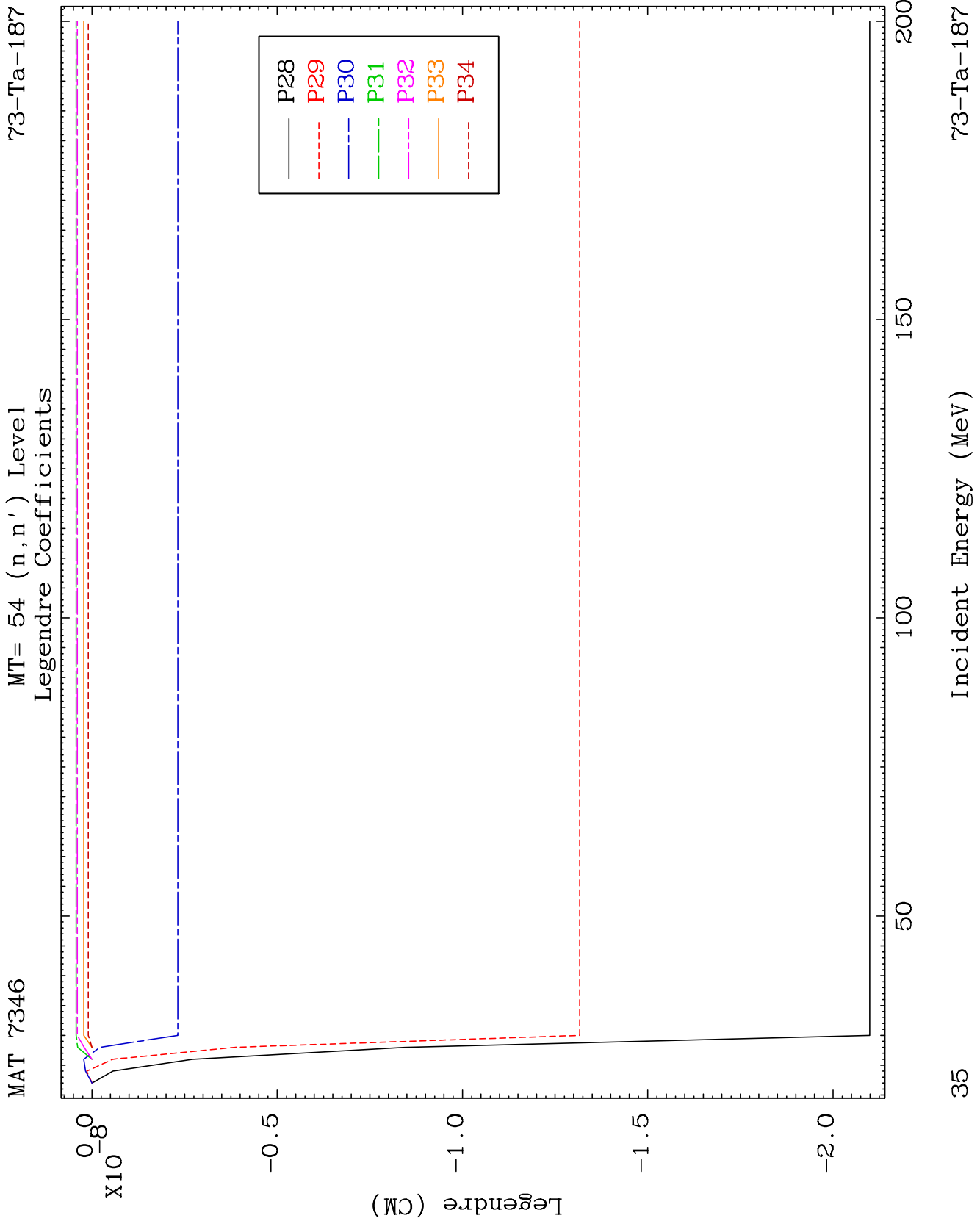
MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-187



34

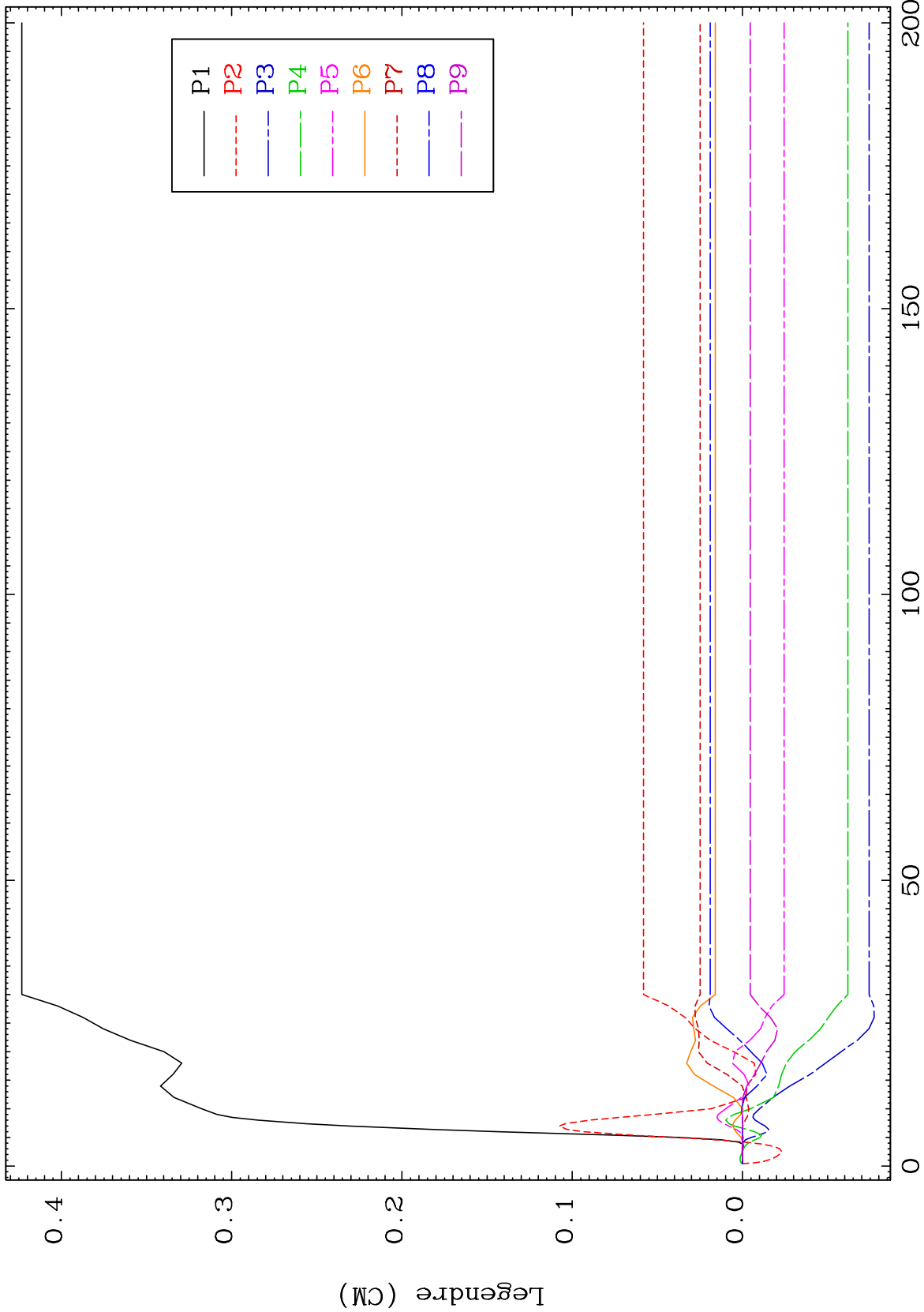
73-Ta-187



MAT 7346

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

73-Ta-187



36

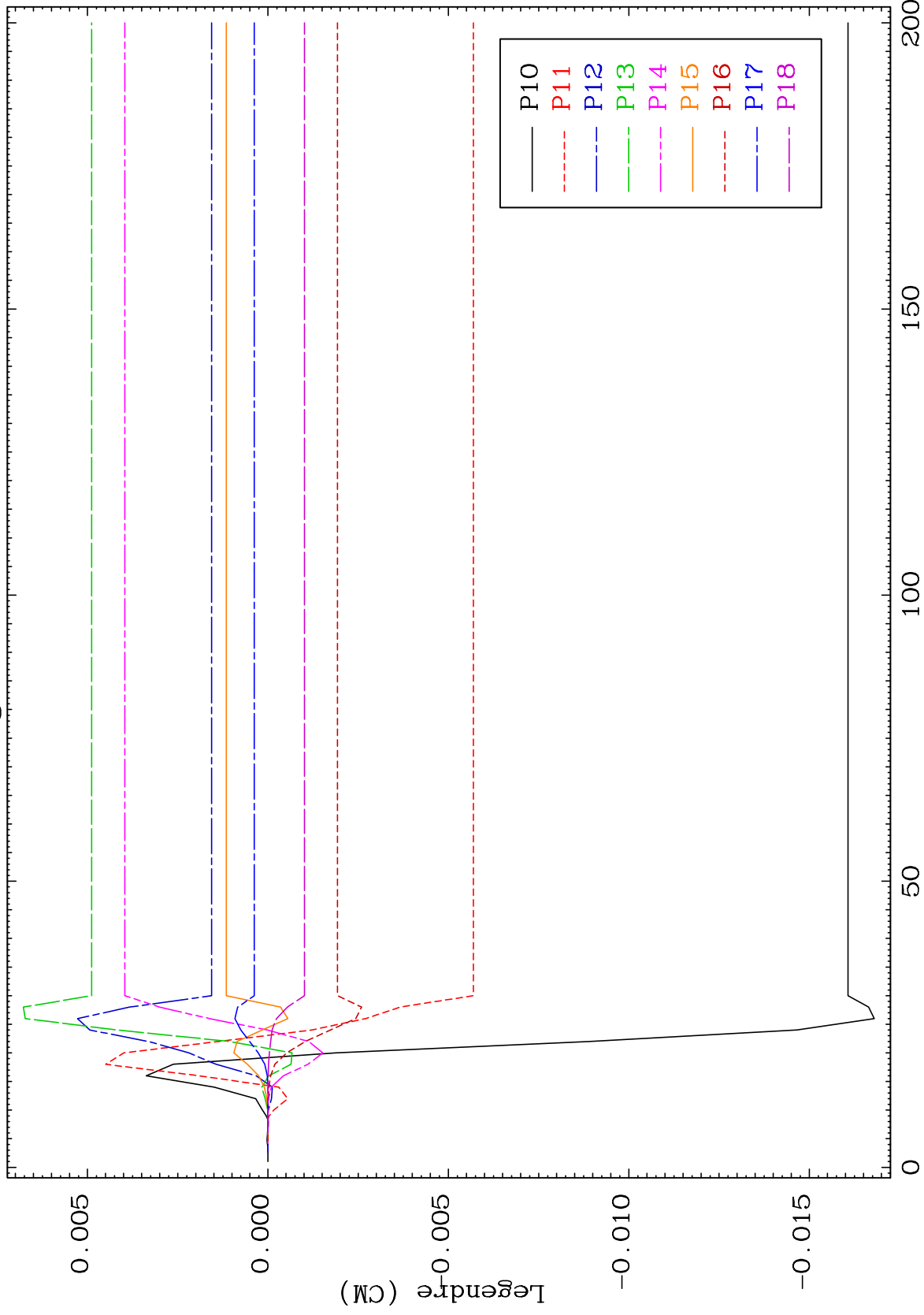
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



37

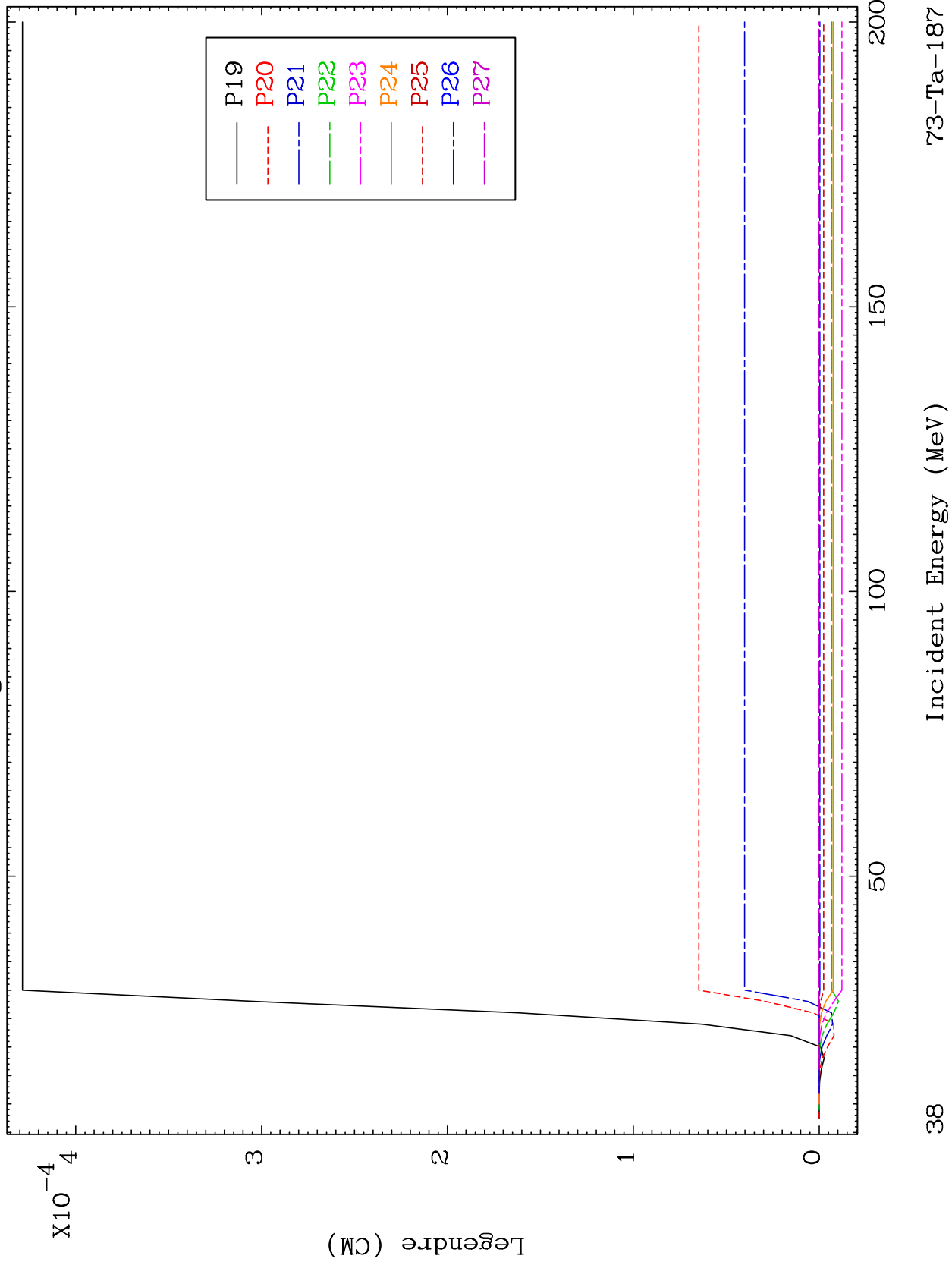
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



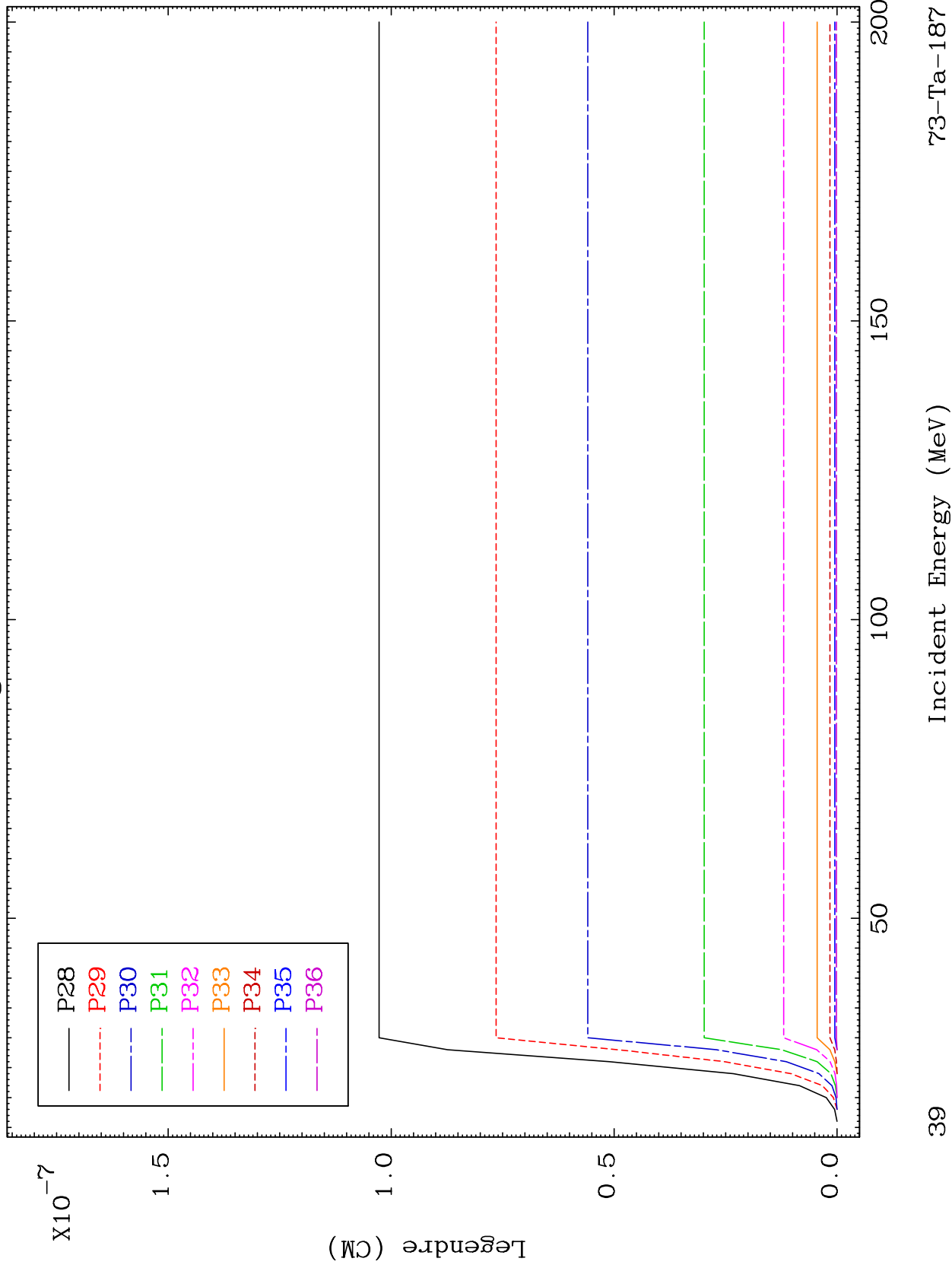
38

73-Ta-187

MAT 7346

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

⁷³Ta-187



39

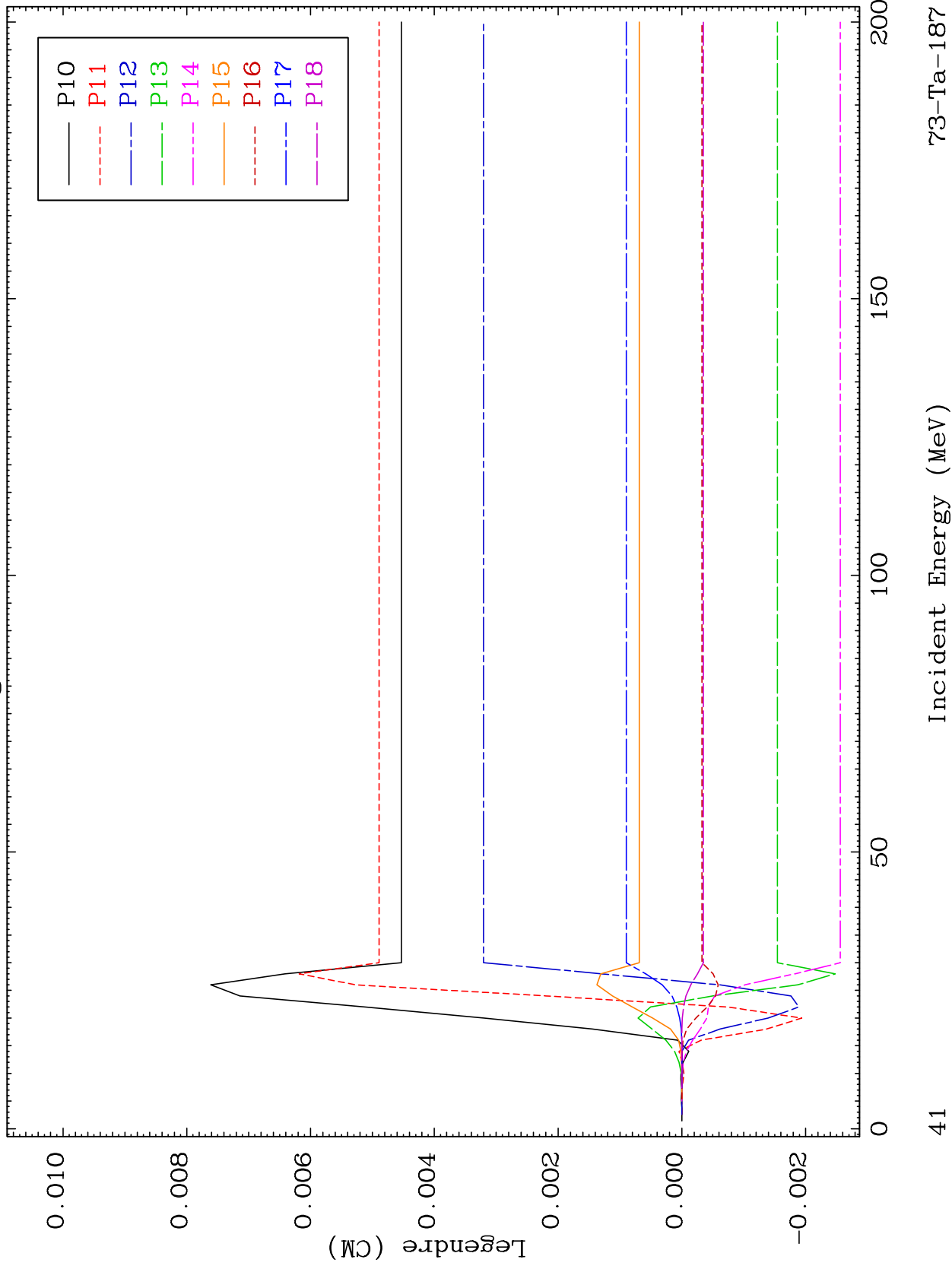
Incident Energy (MeV)

⁷³Ta-187

MAT 7346

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

73-Ta-187



41

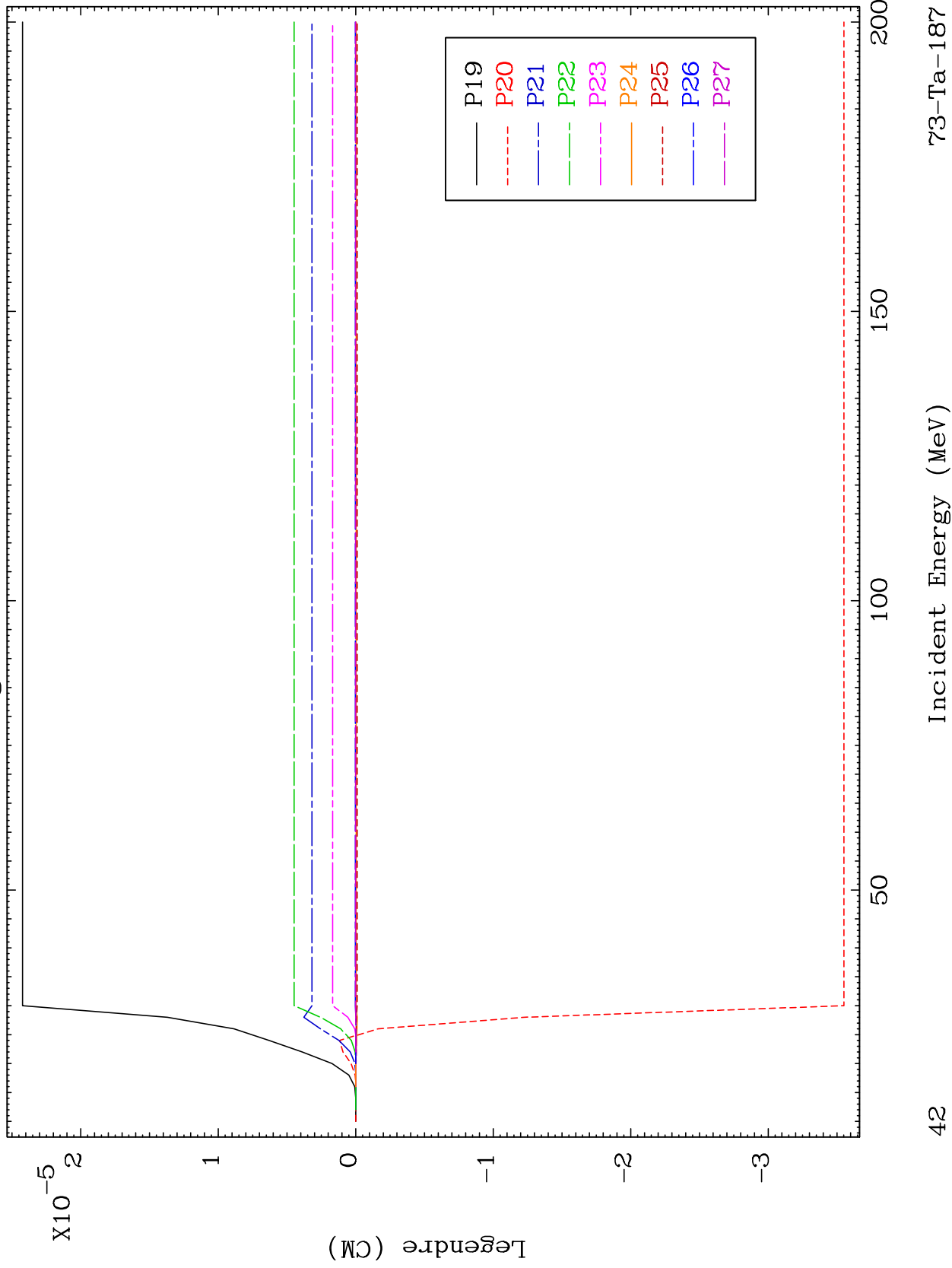
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



42

Incident Energy (MeV)

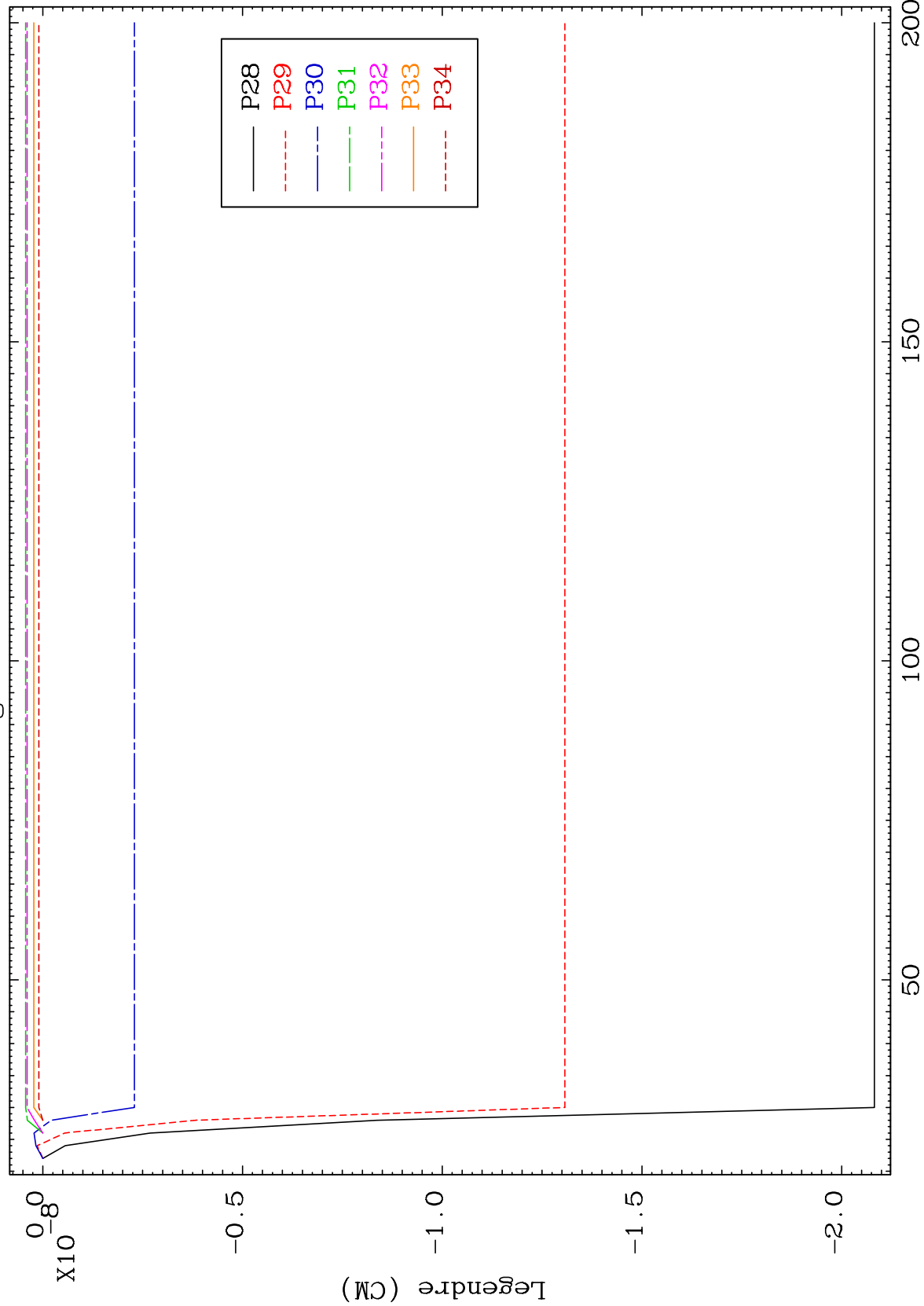
73-Ta-187

MAT 7346

MT= 56 (n,n') Level

73-Ta-187

Legendre Coefficients



43

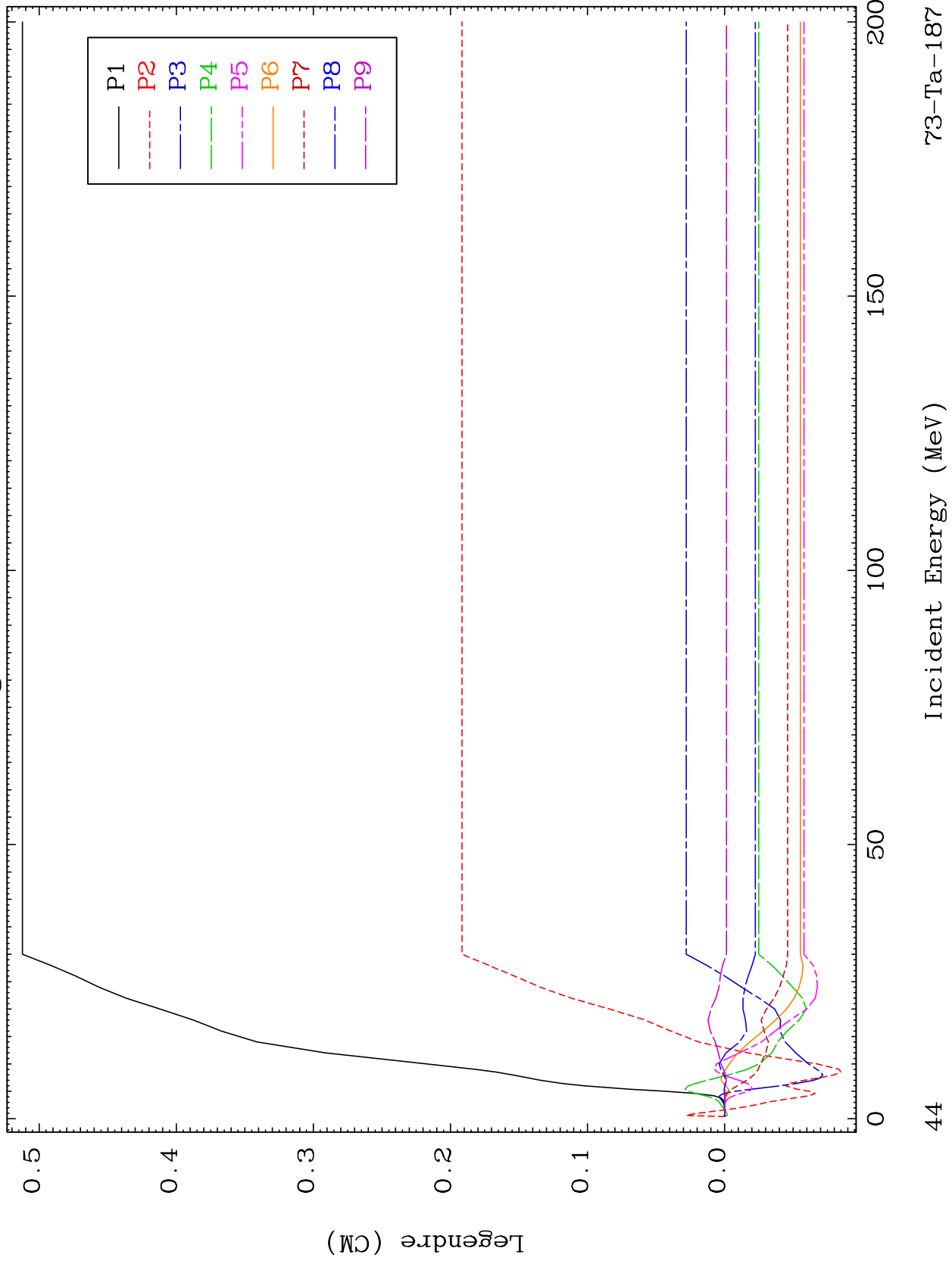
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



73-Ta-187

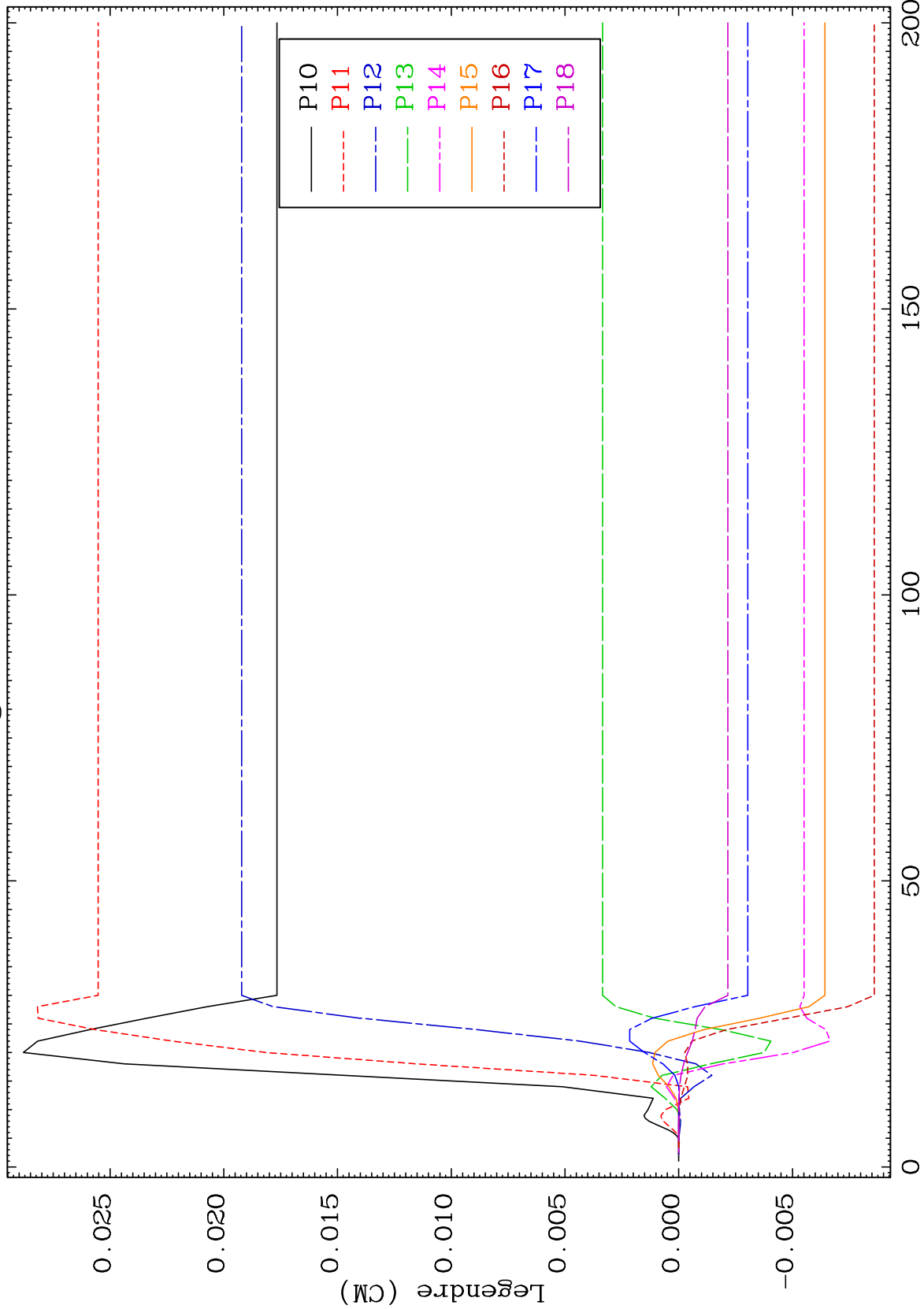
Incident Energy (MeV)

44

MAT 7346

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

73-Ta-187



73-Ta-187

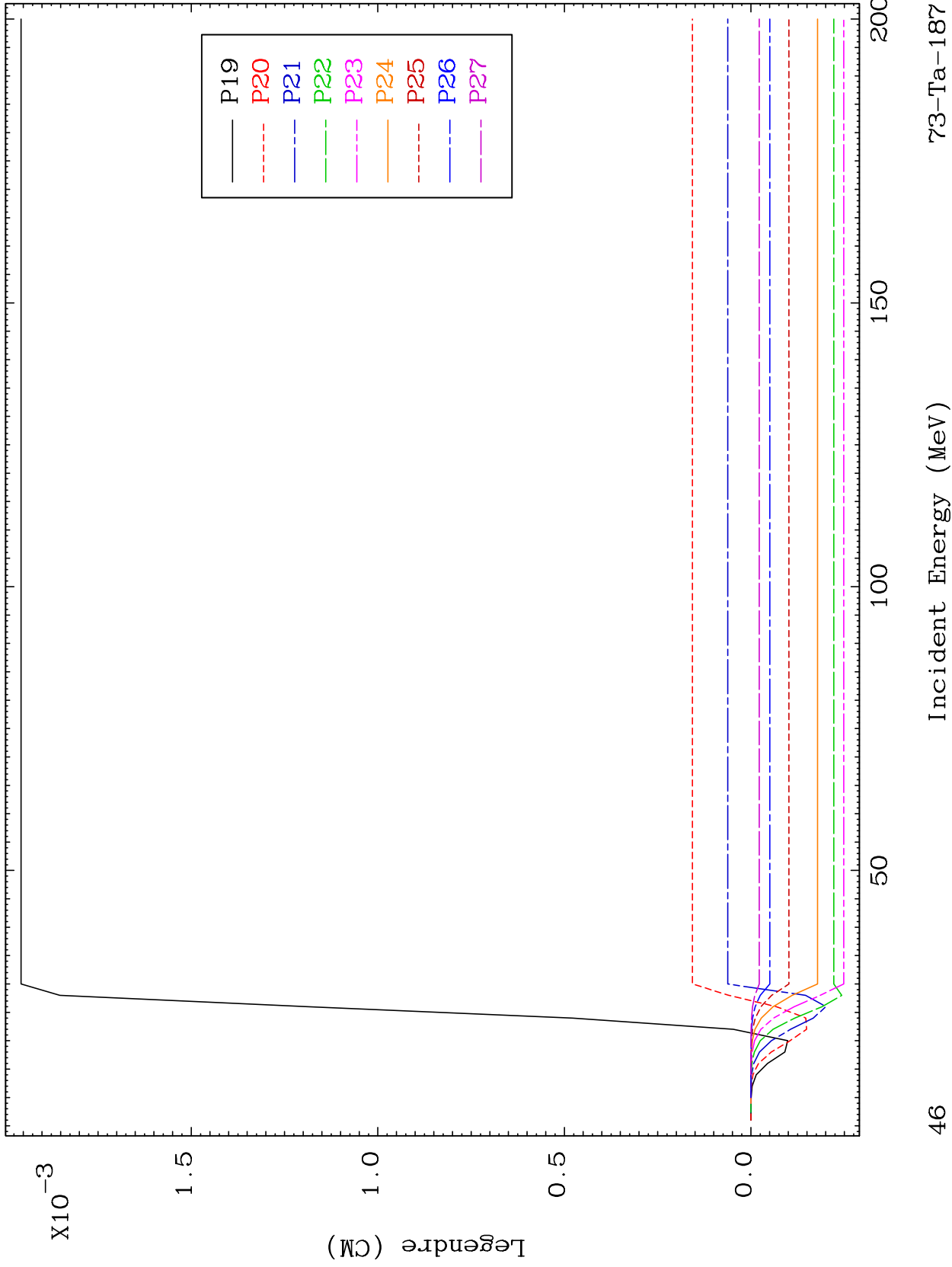
Incident Energy (MeV)

45

MAT 7346

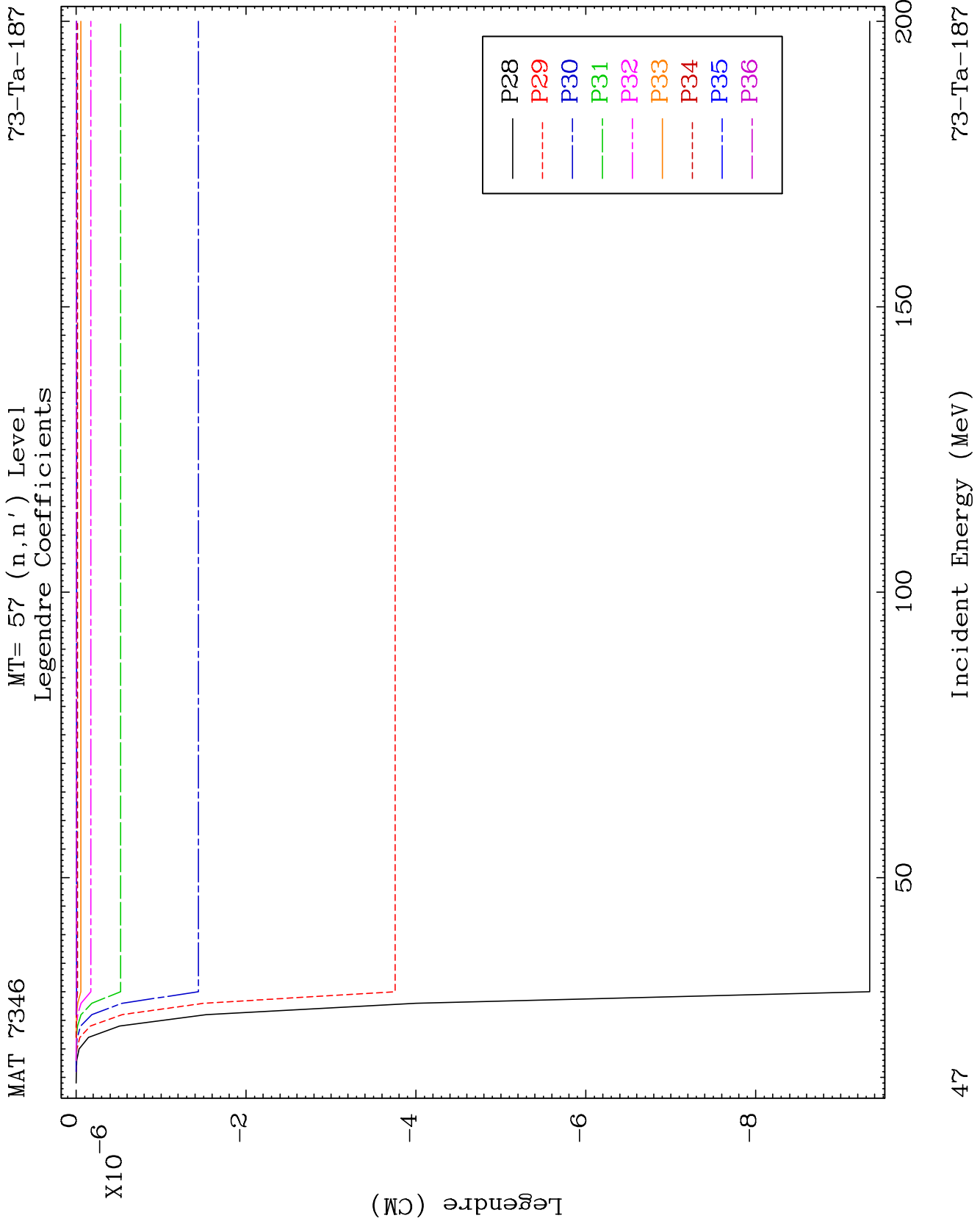
MT= 57 (n,n') Level
Legendre Coefficients

73-Ta-187



46

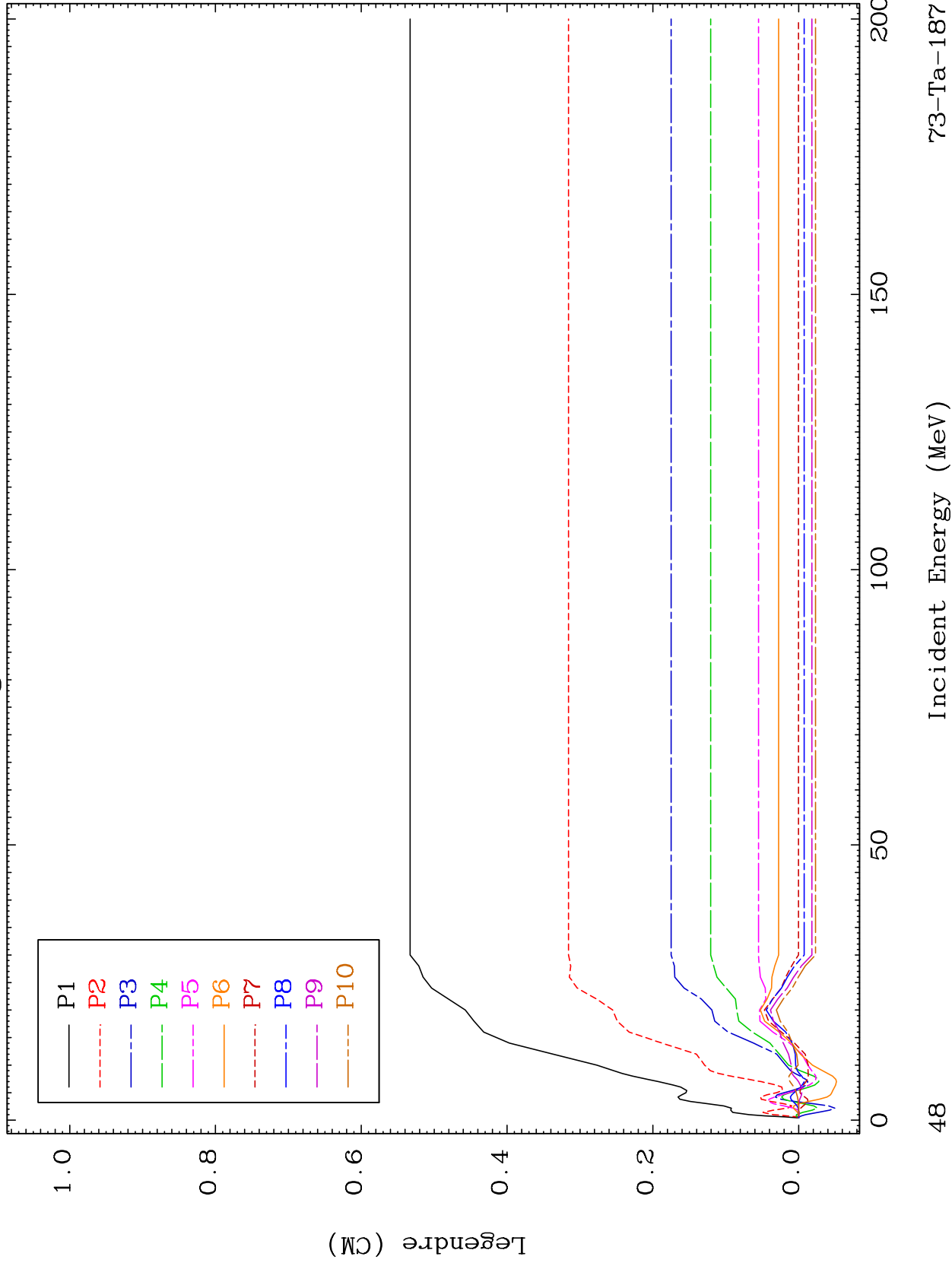
73-Ta-187



MAT 7346

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

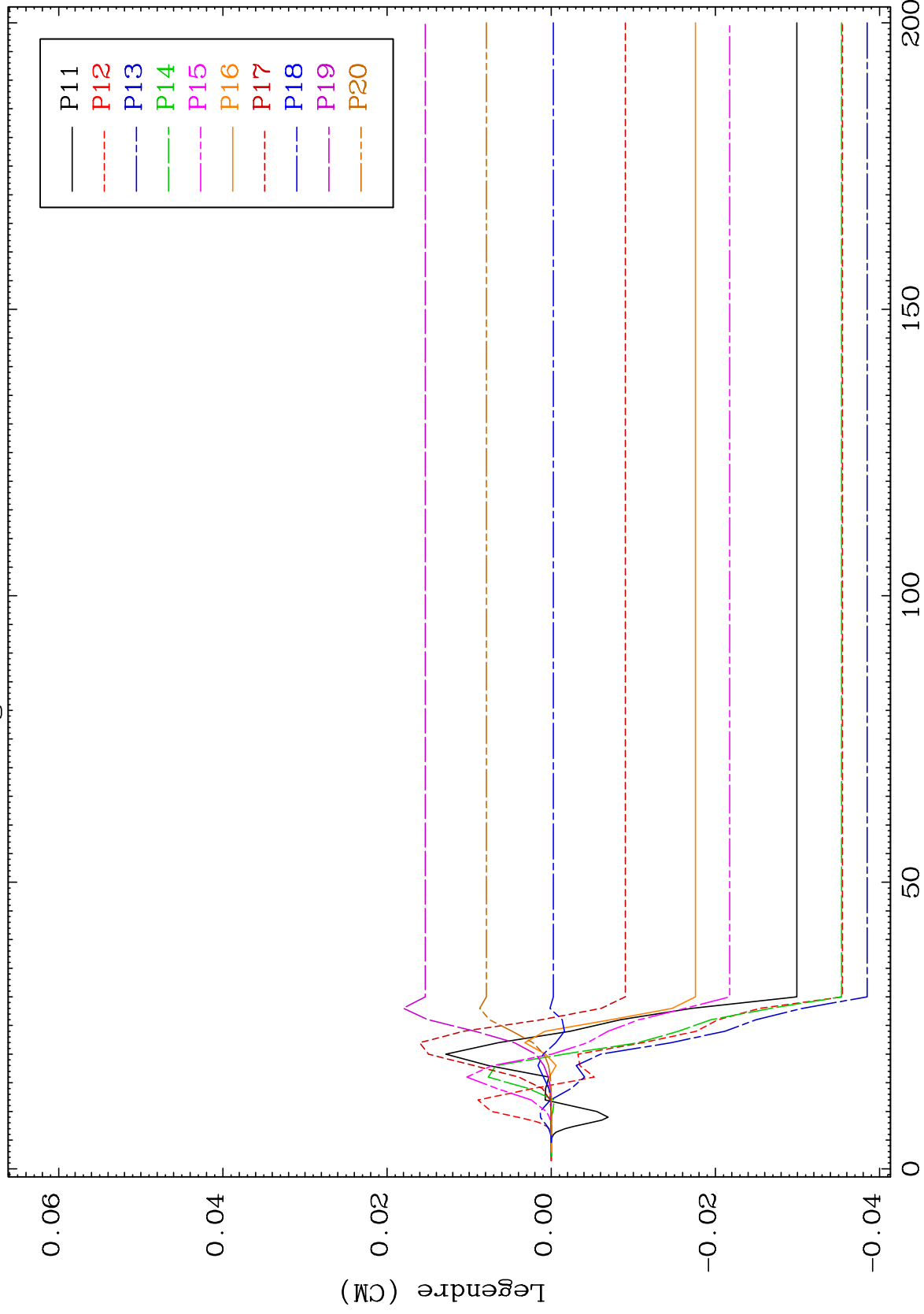
⁷³Ta-187



MAT 7346

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

73-Ta-187



49

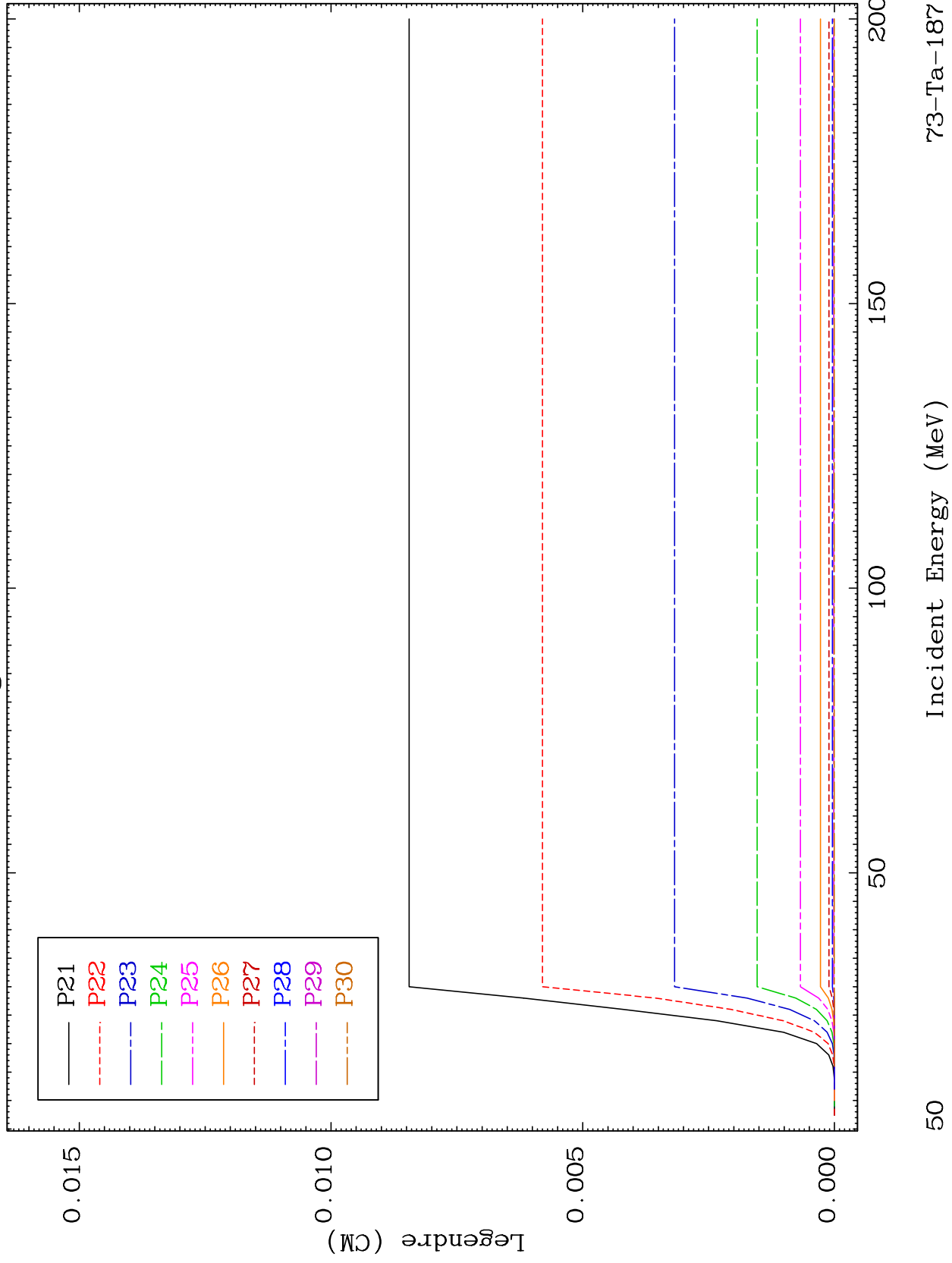
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



73-Ta-187

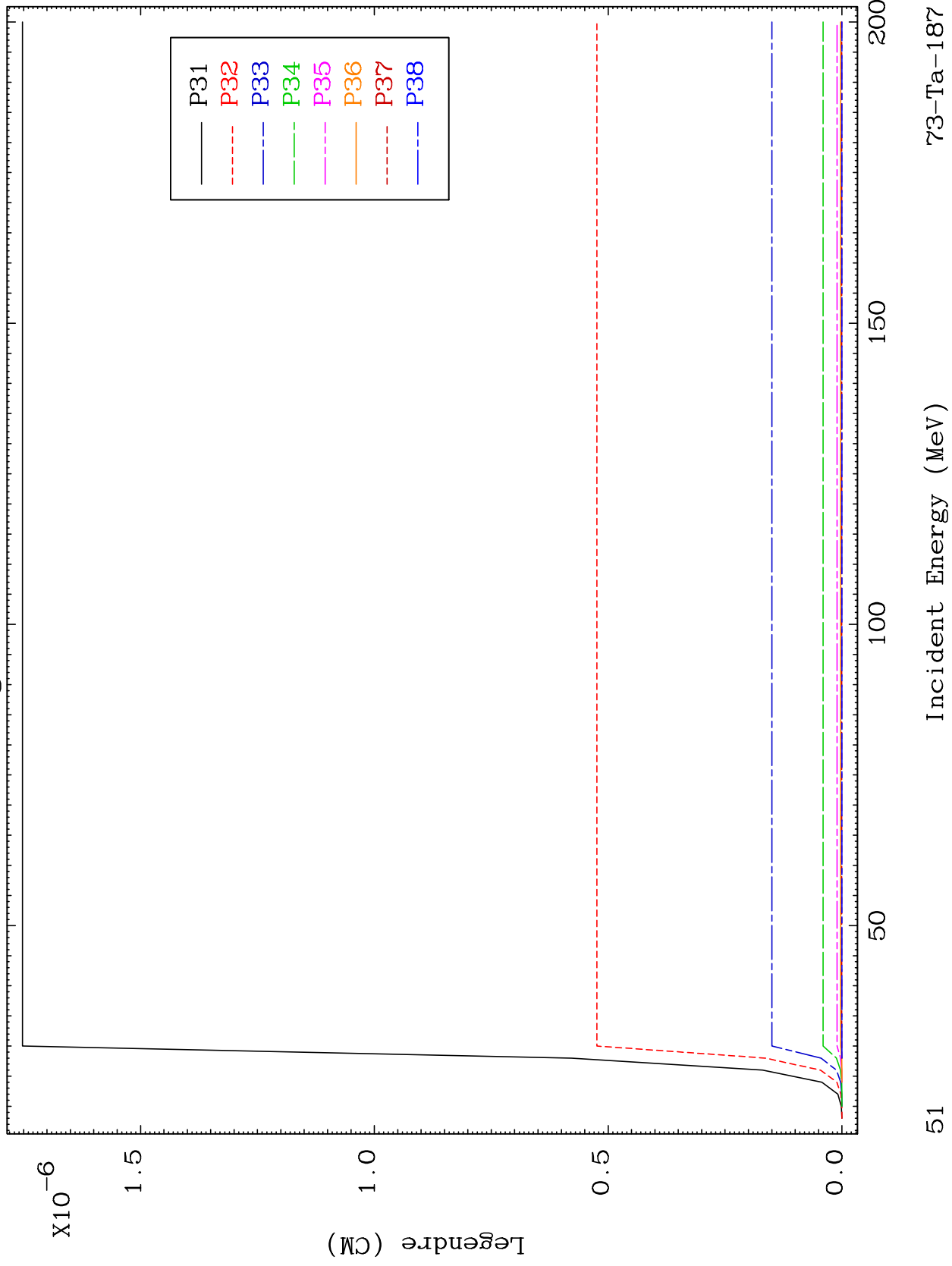
Incident Energy (MeV)

50

MAT 7346

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

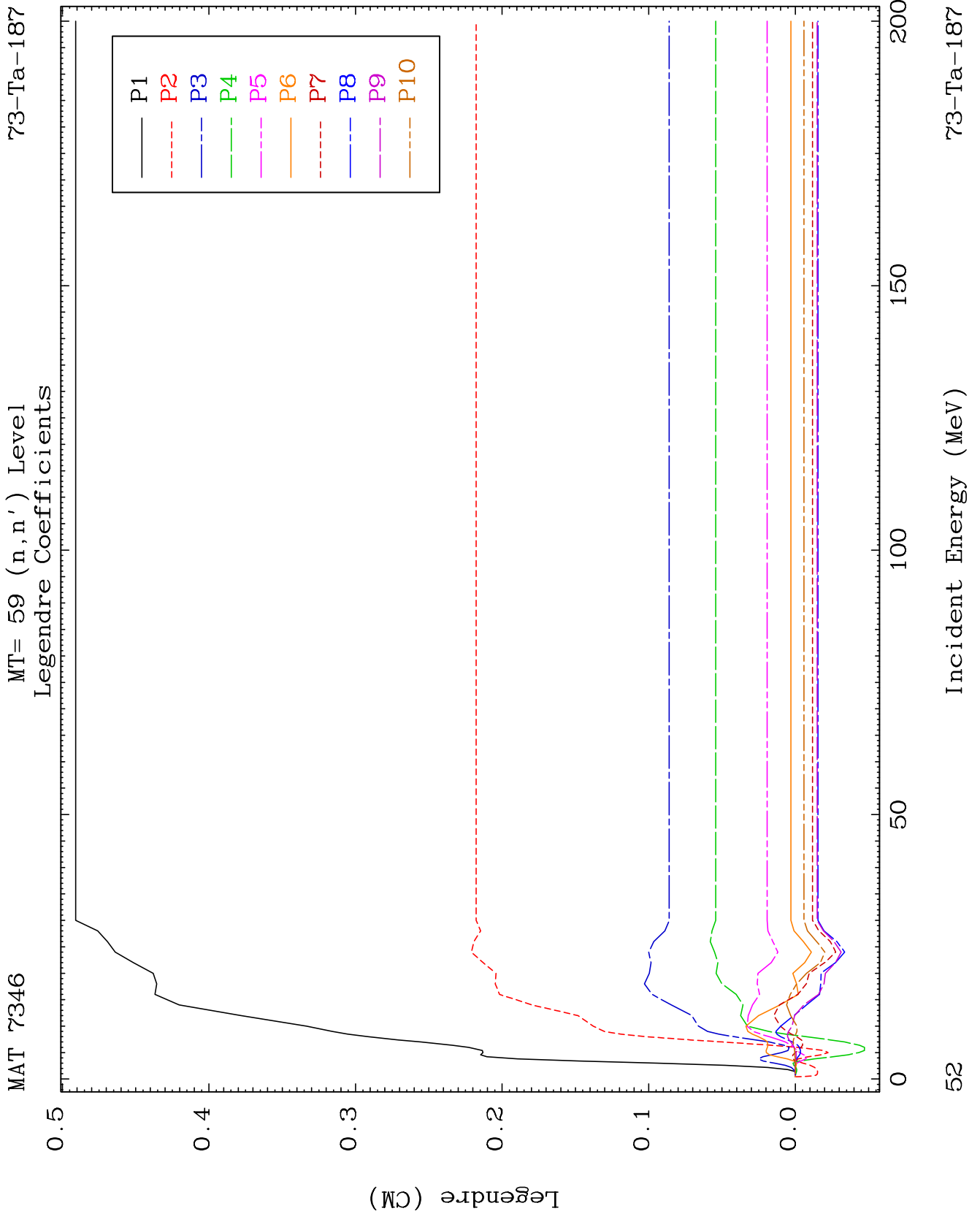
73-Ta-187



51

Incident Energy (MeV)

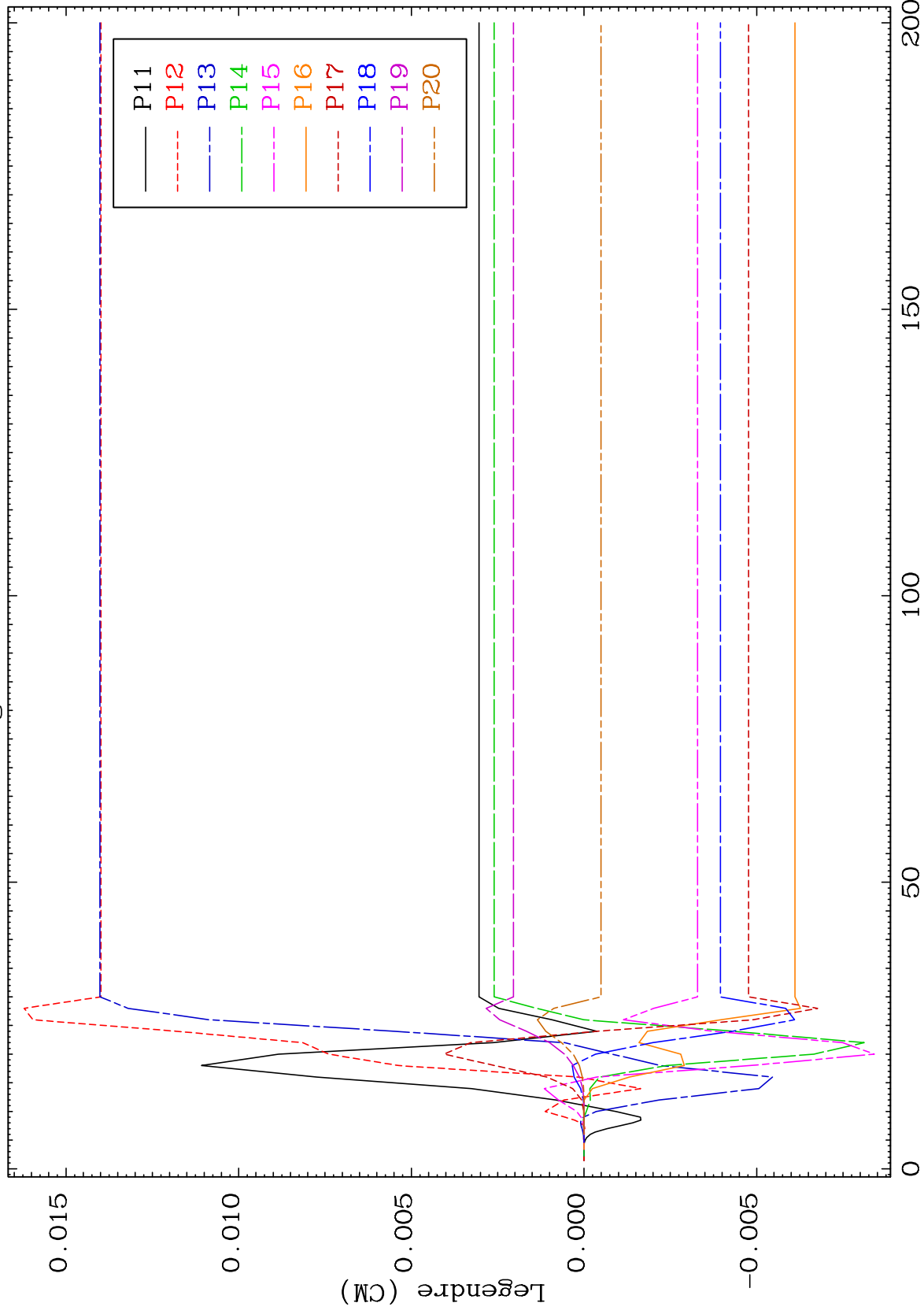
73-Ta-187



MAT 7346

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

73-Ta-187



53

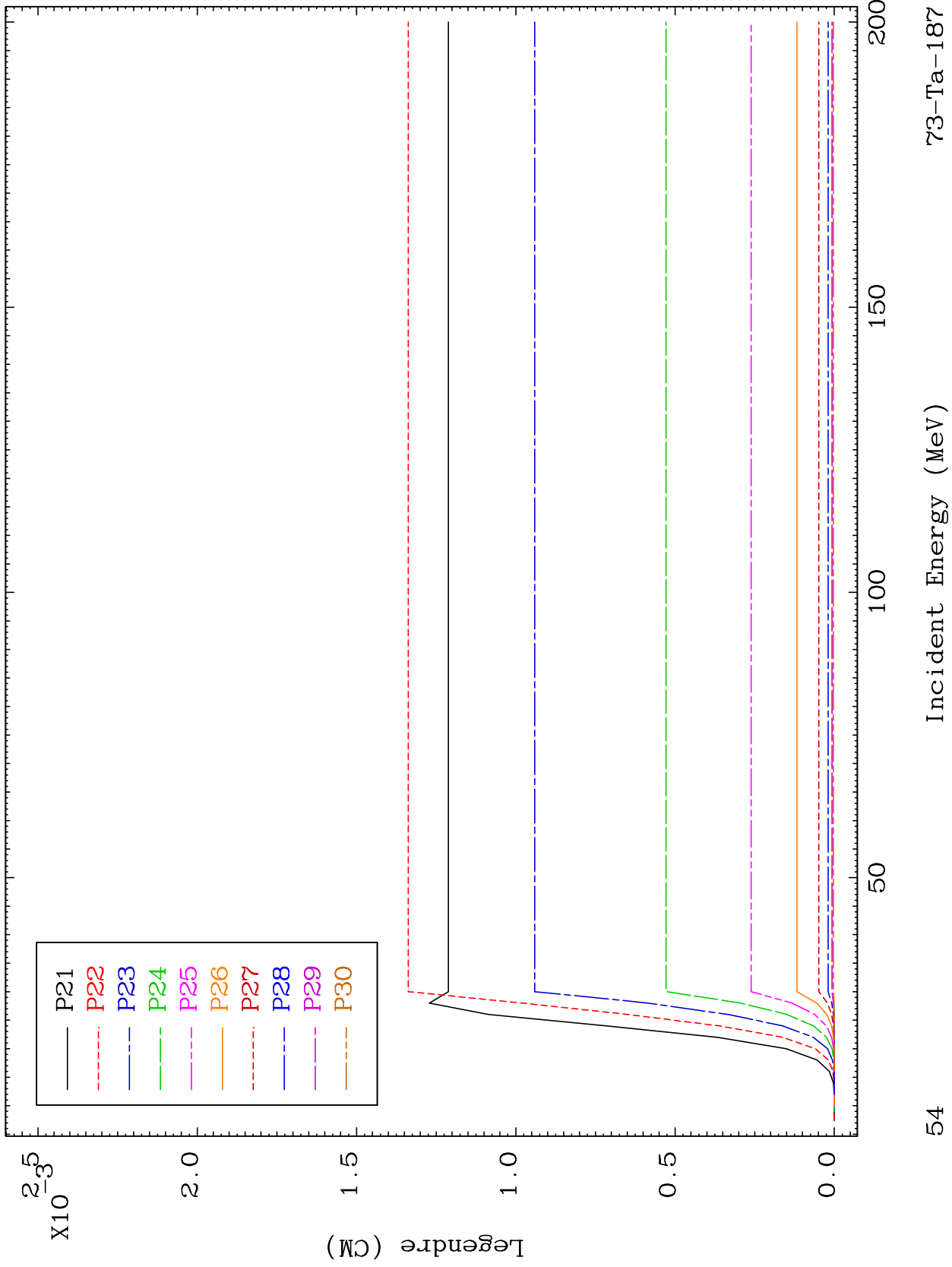
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



54

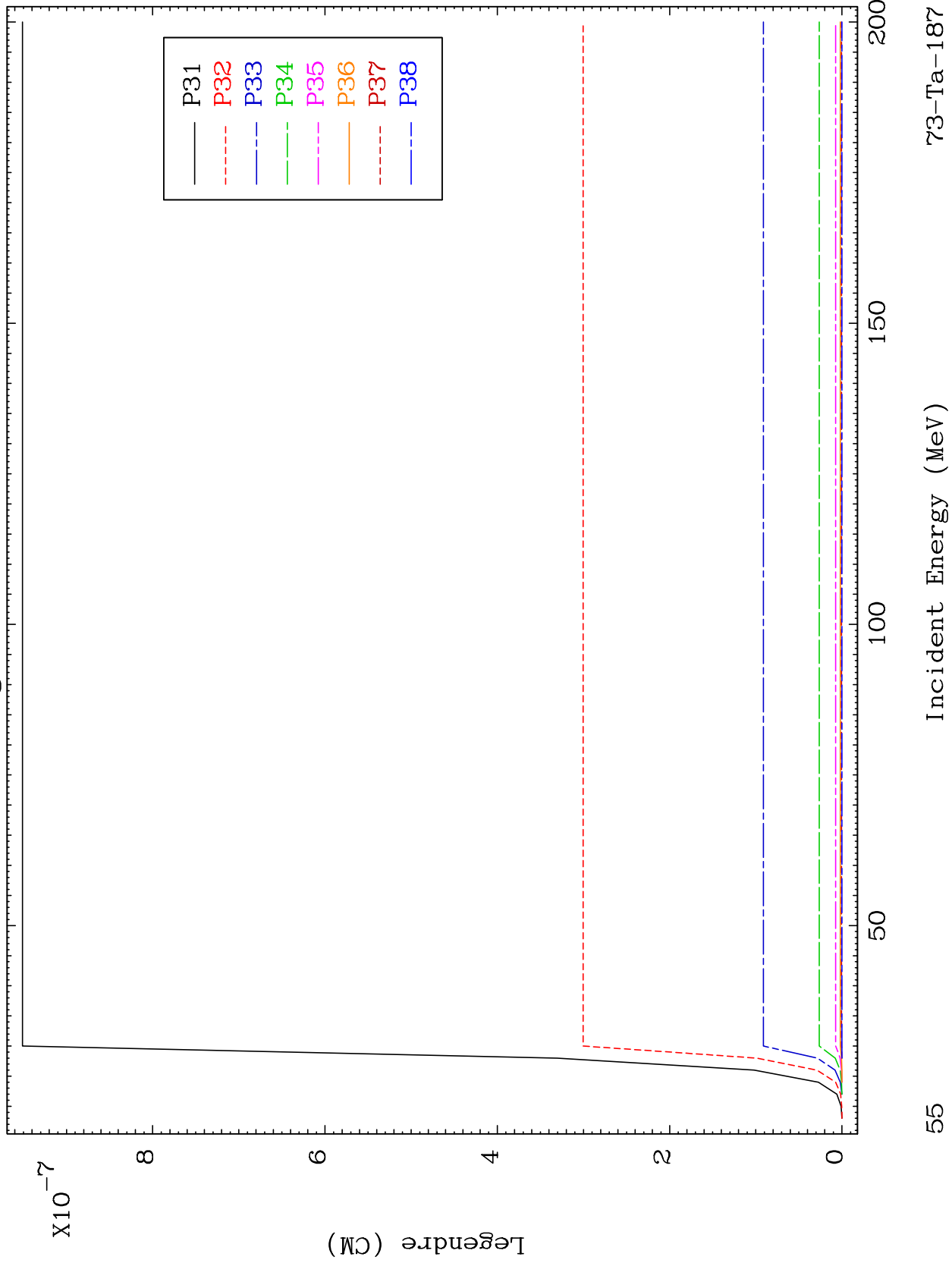
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



73-Ta-187

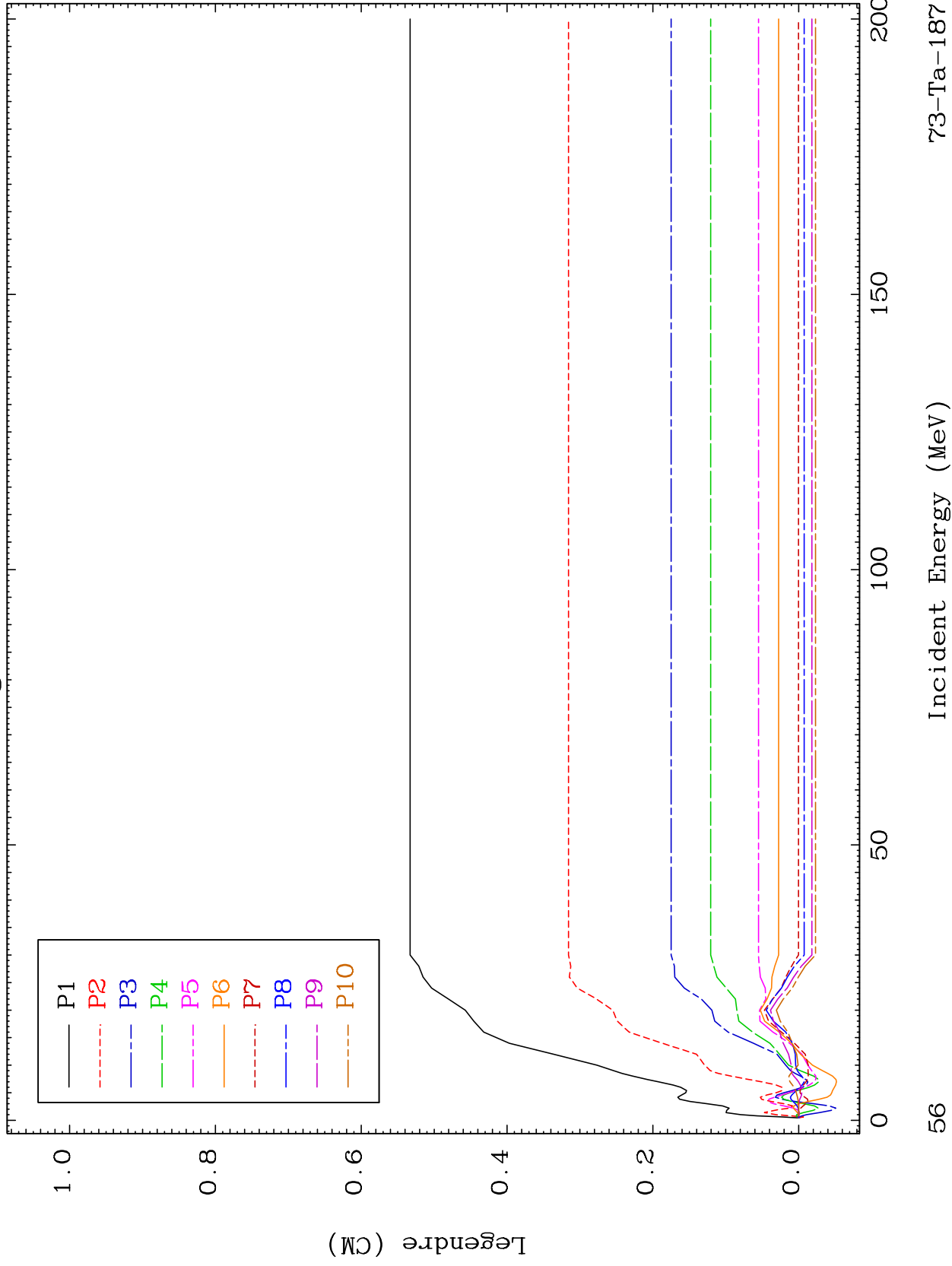
Incident Energy (MeV)

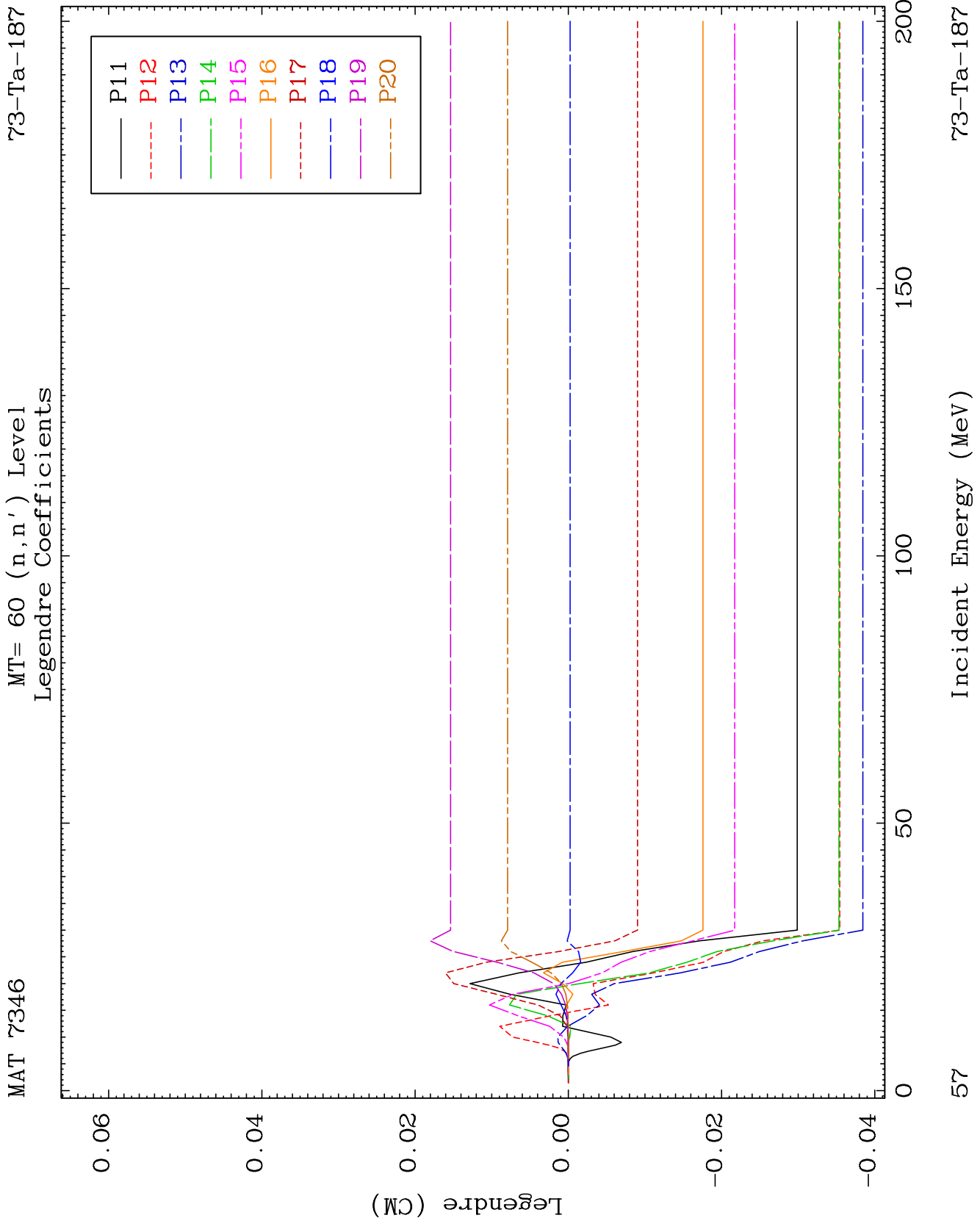
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MAT 7346

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

73-Ta-187

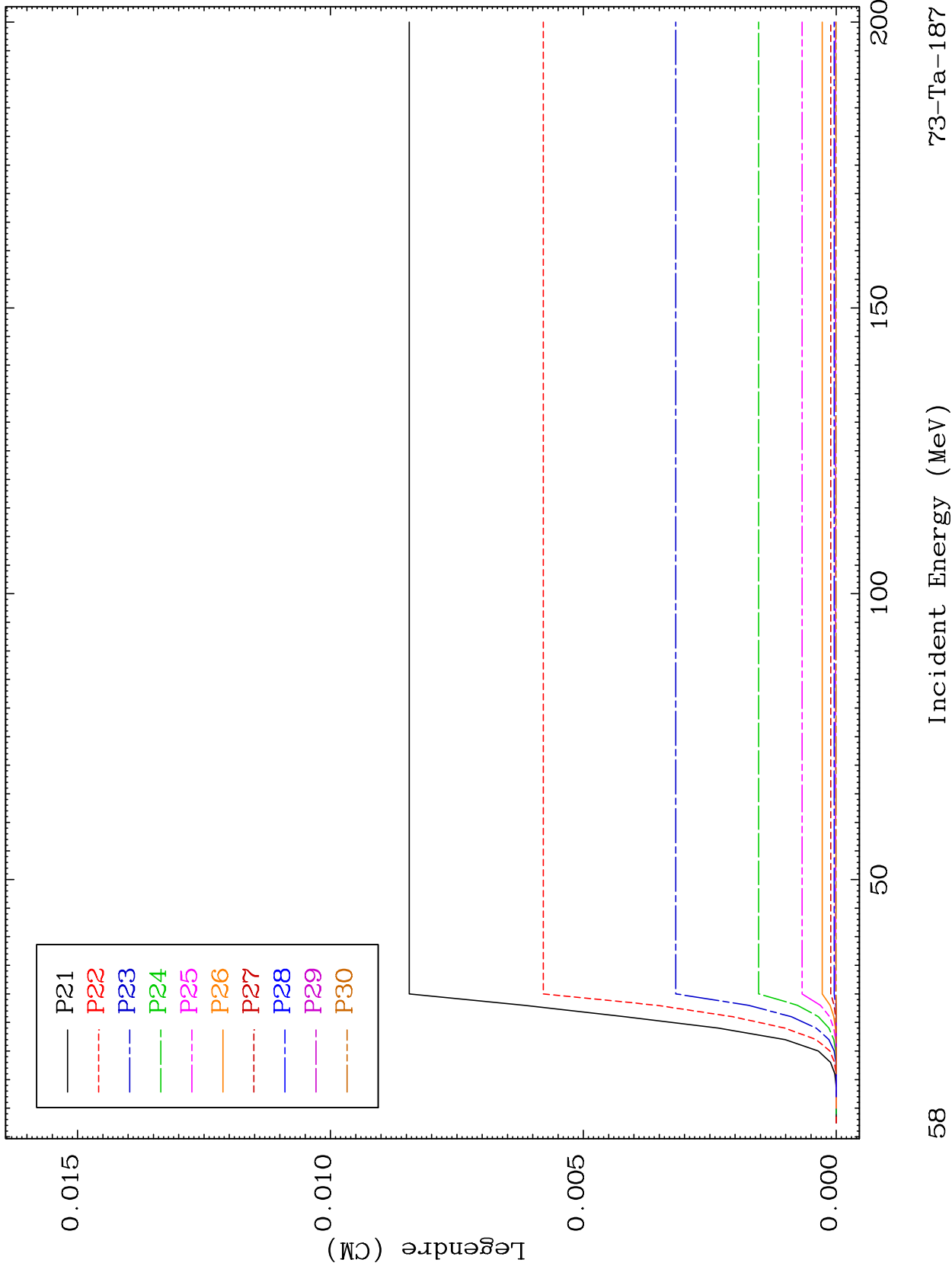




MAT 7346

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

73-Ta-187



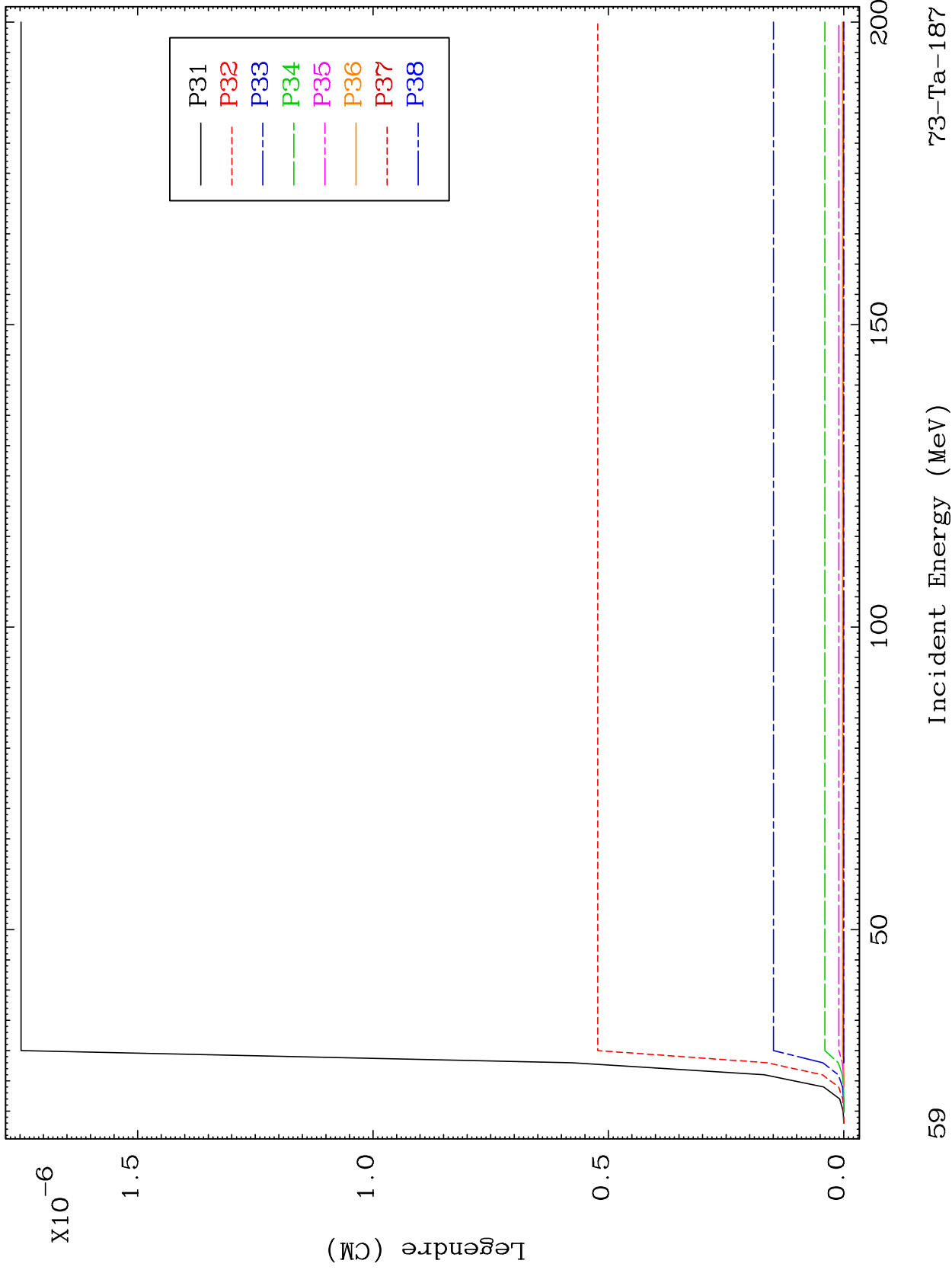
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73-Ta-187

MAT 7346

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

73-Ta-187



59

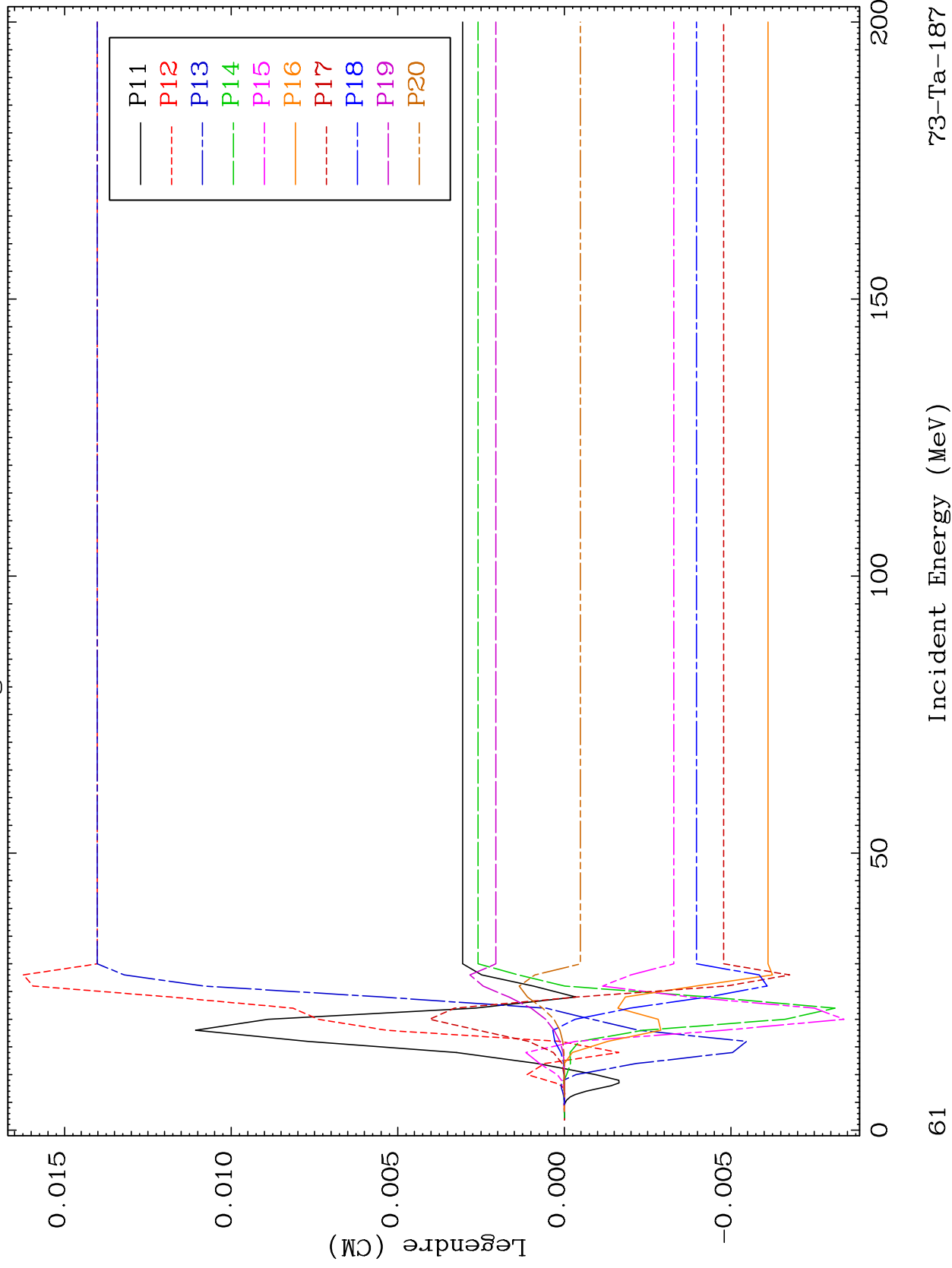
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



61

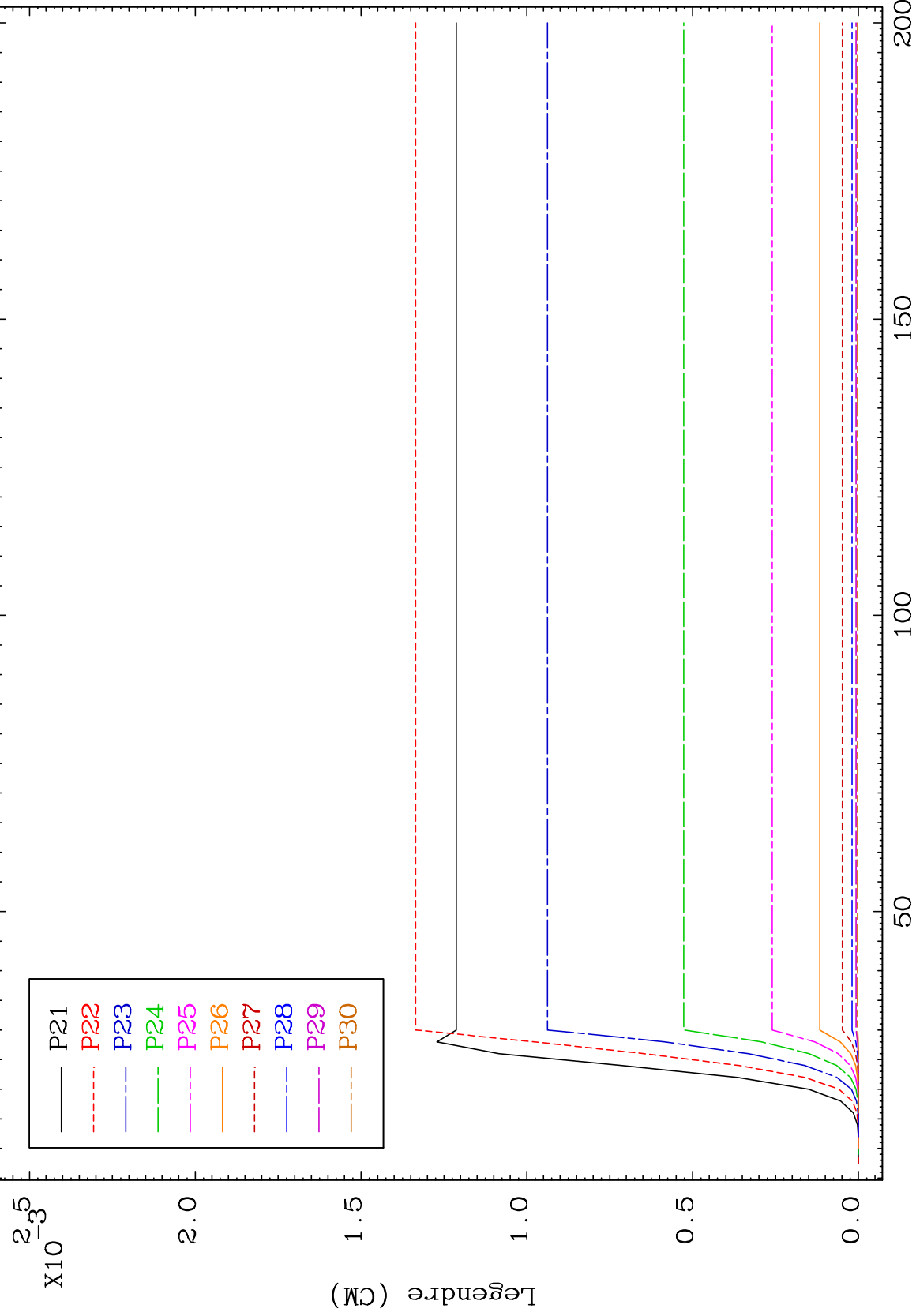
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



62

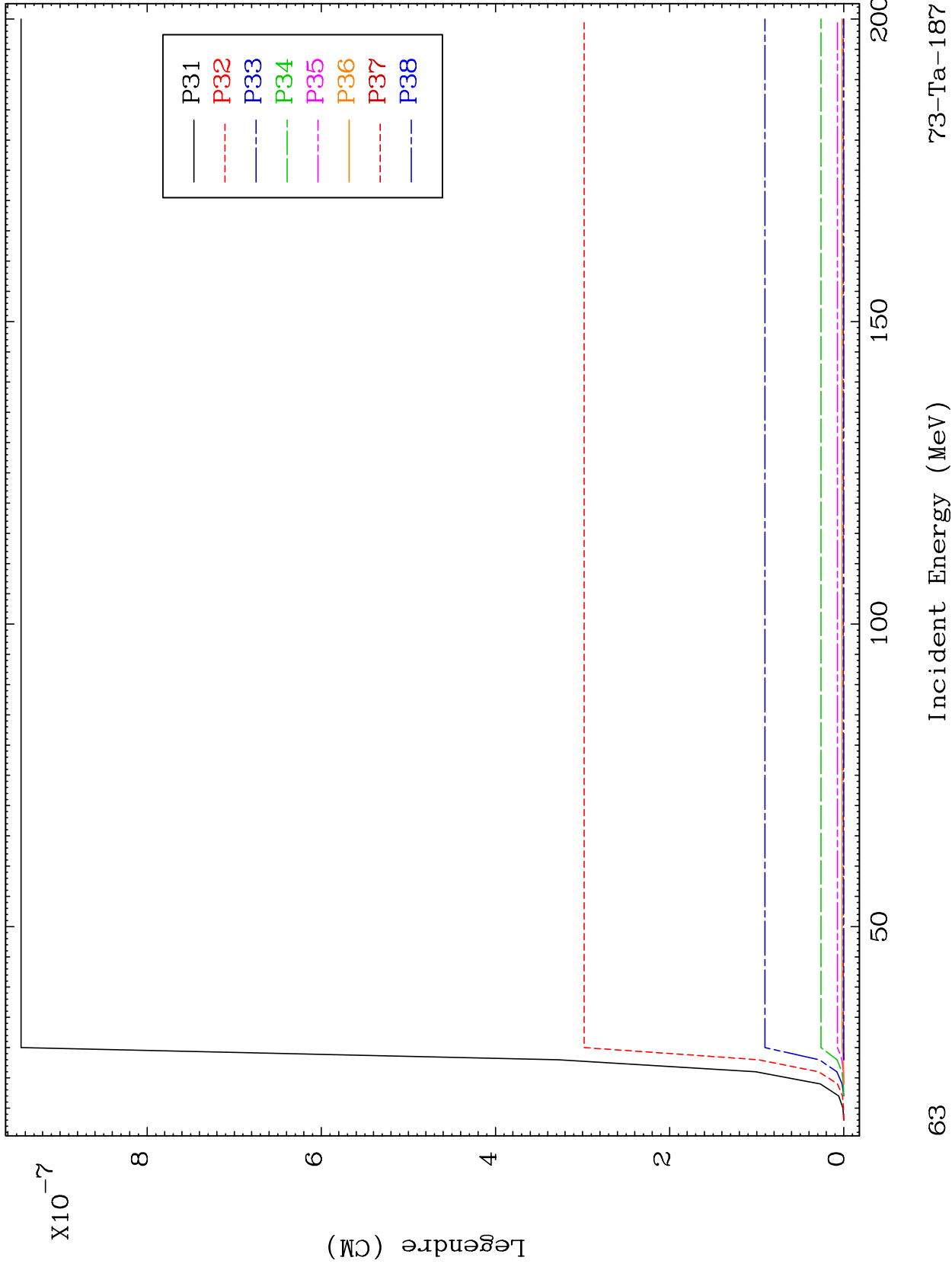
Incident Energy (MeV)

73-Ta-187

MAT 7346

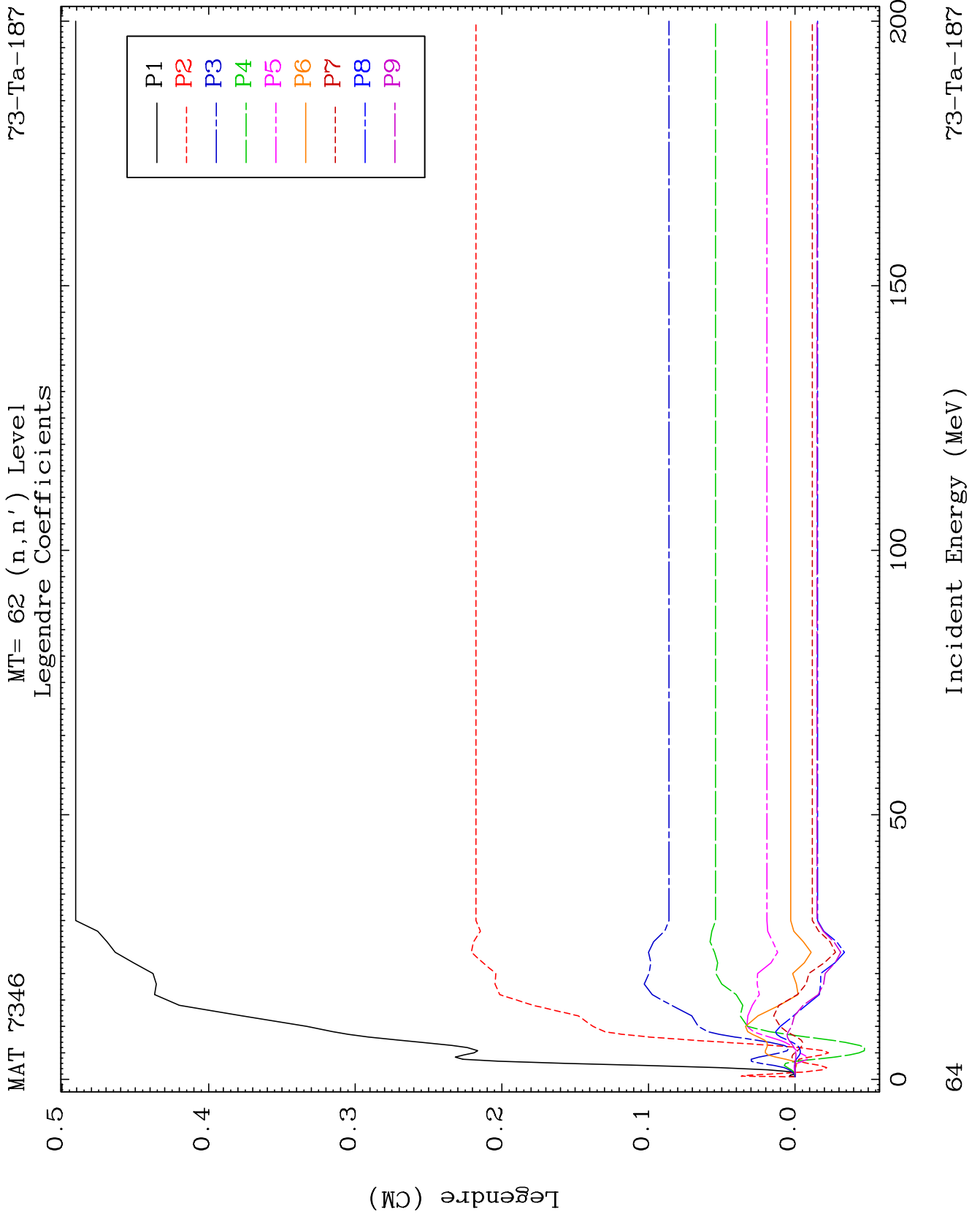
MT= 61 (n,n') Level
Legendre Coefficients

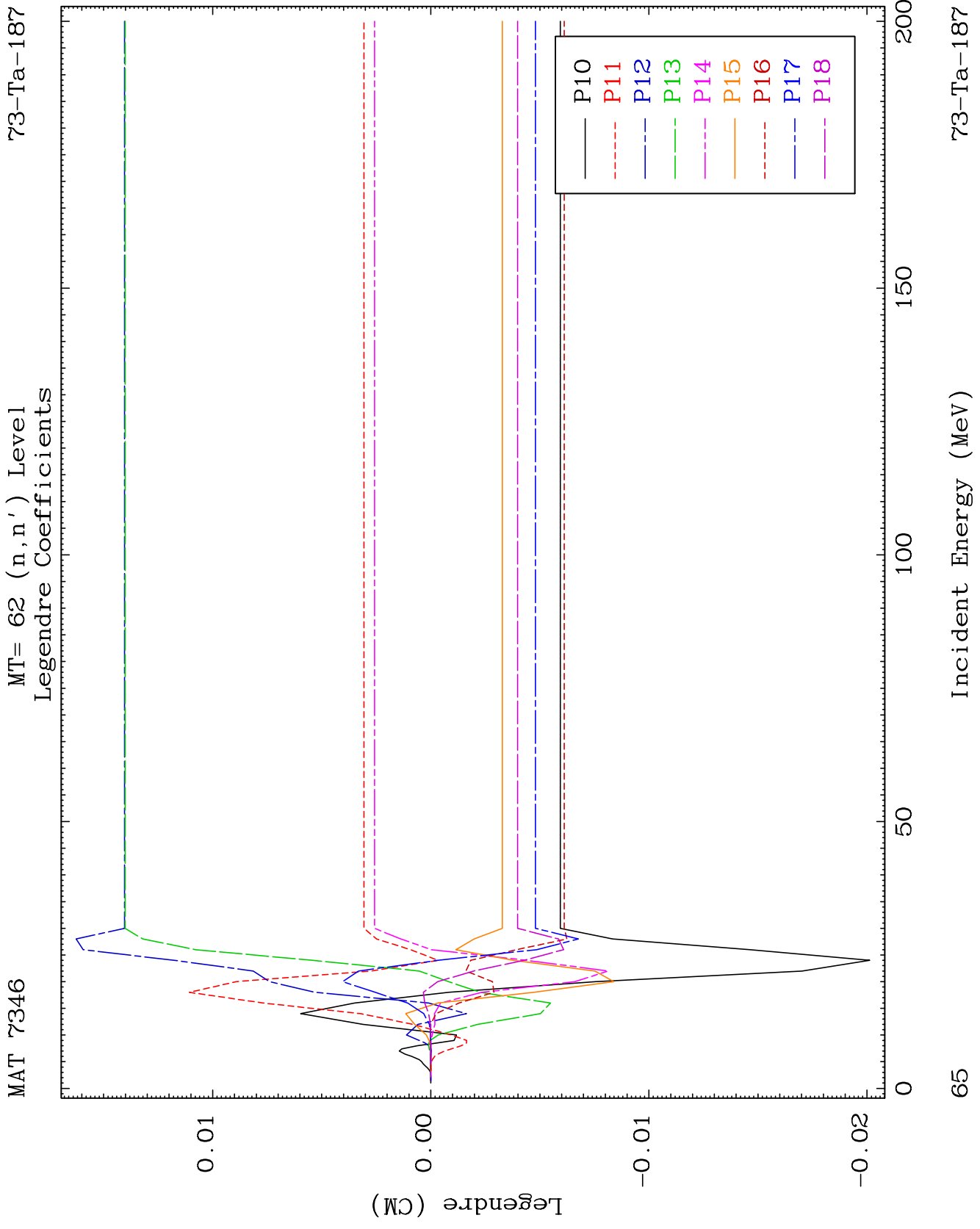
73-Ta-187

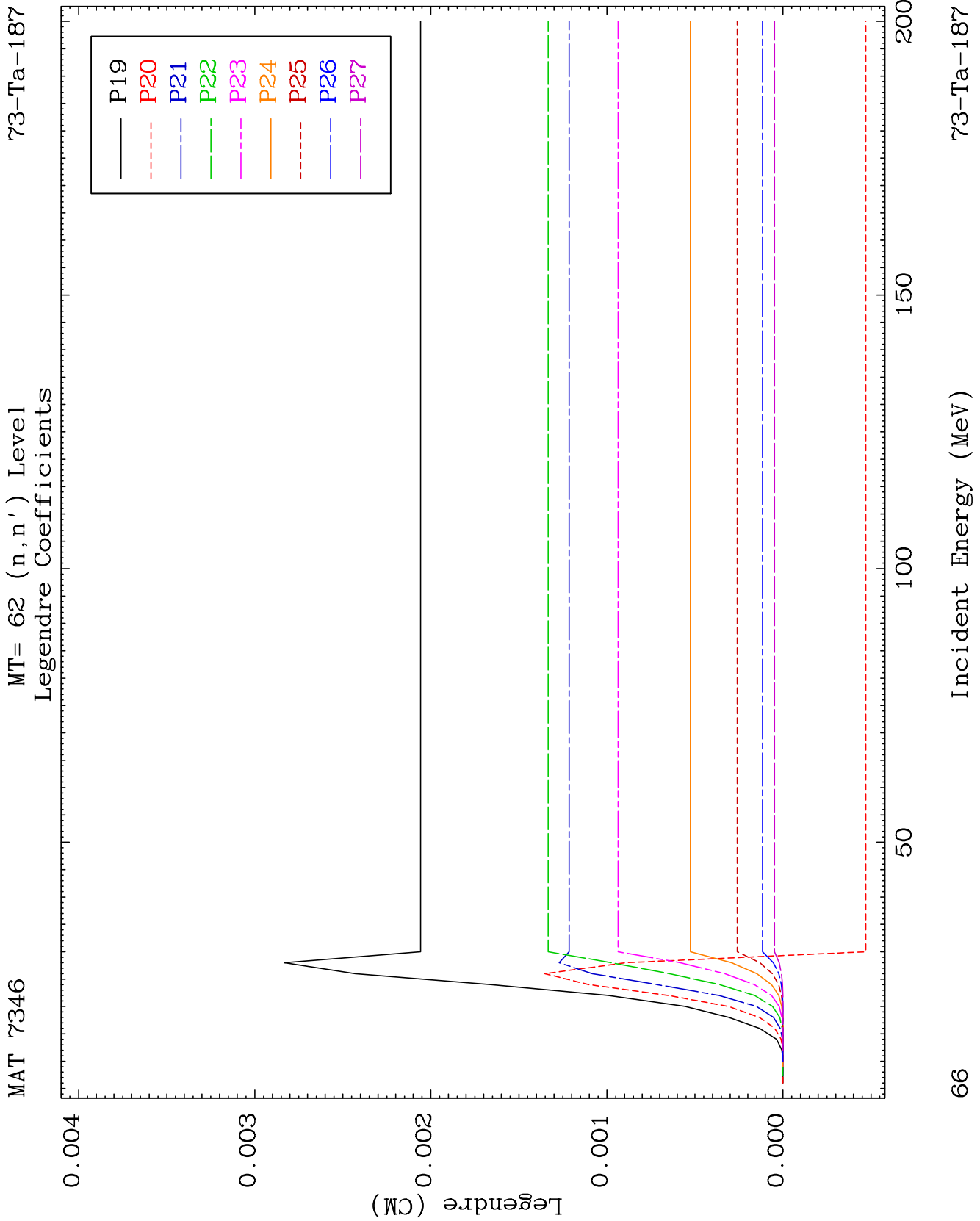


63

73-Ta-187



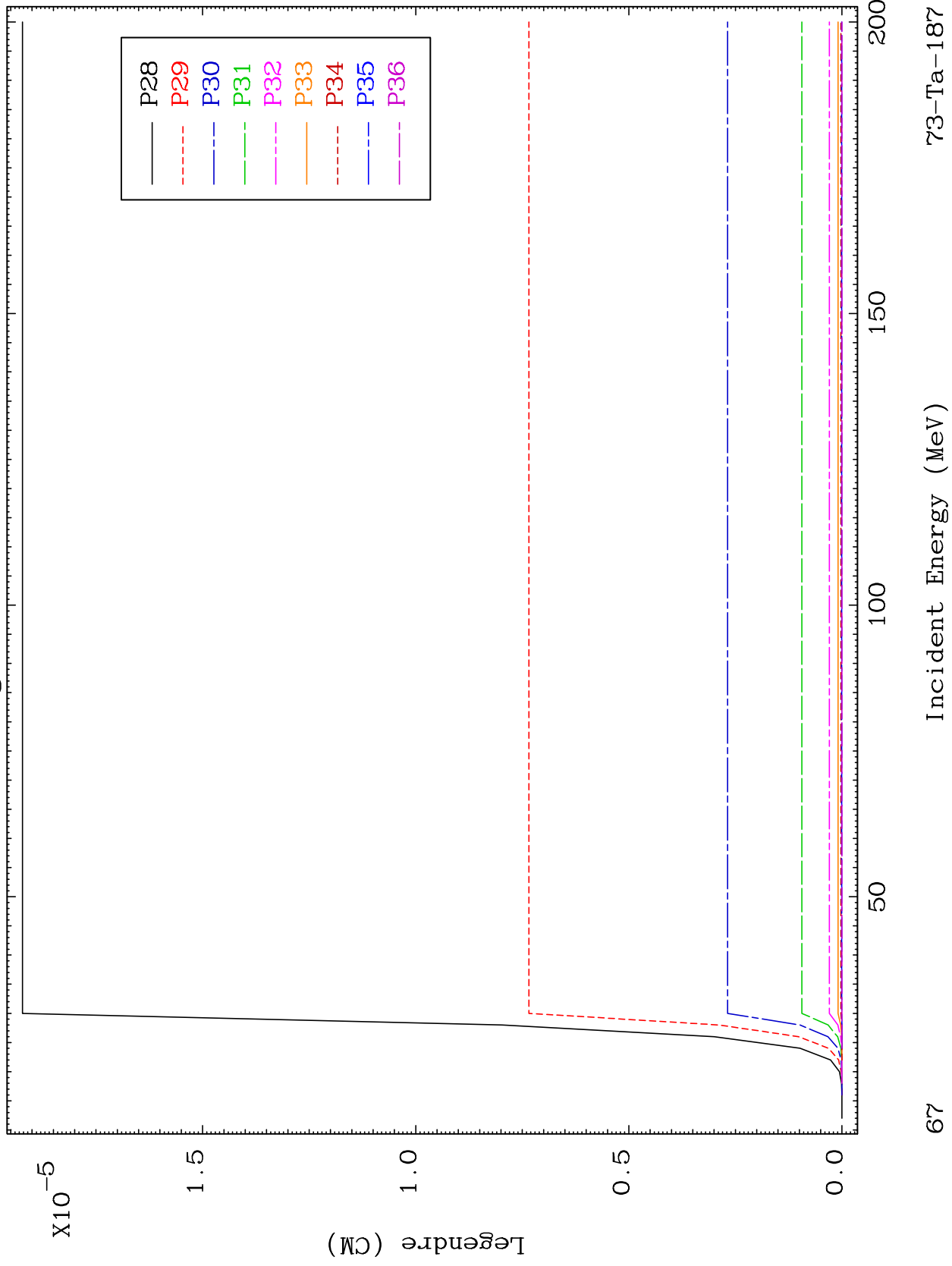




MAT 7346

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

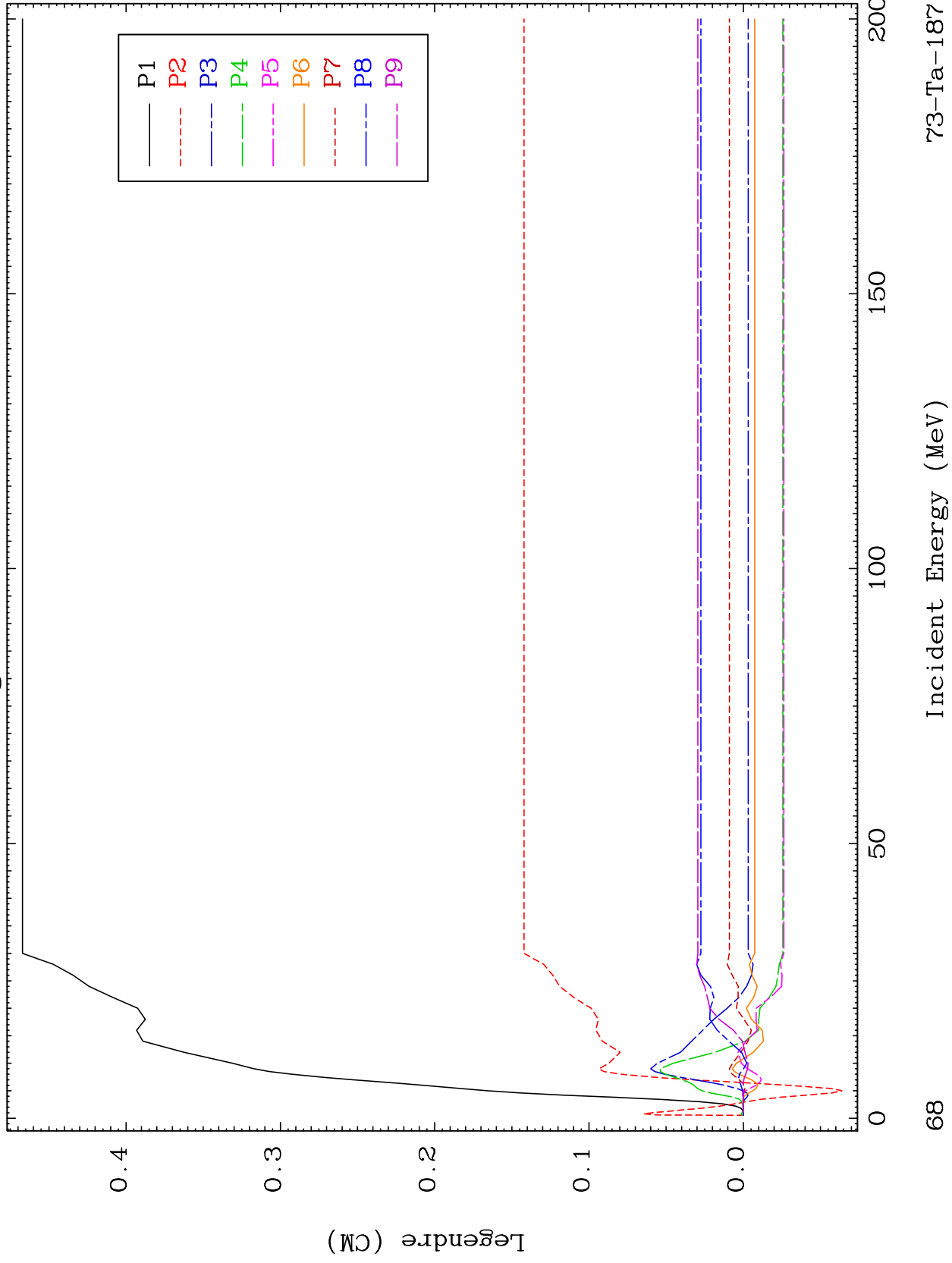
73-Ta-187



MAT 7346

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

73-Ta-187



73-Ta-187

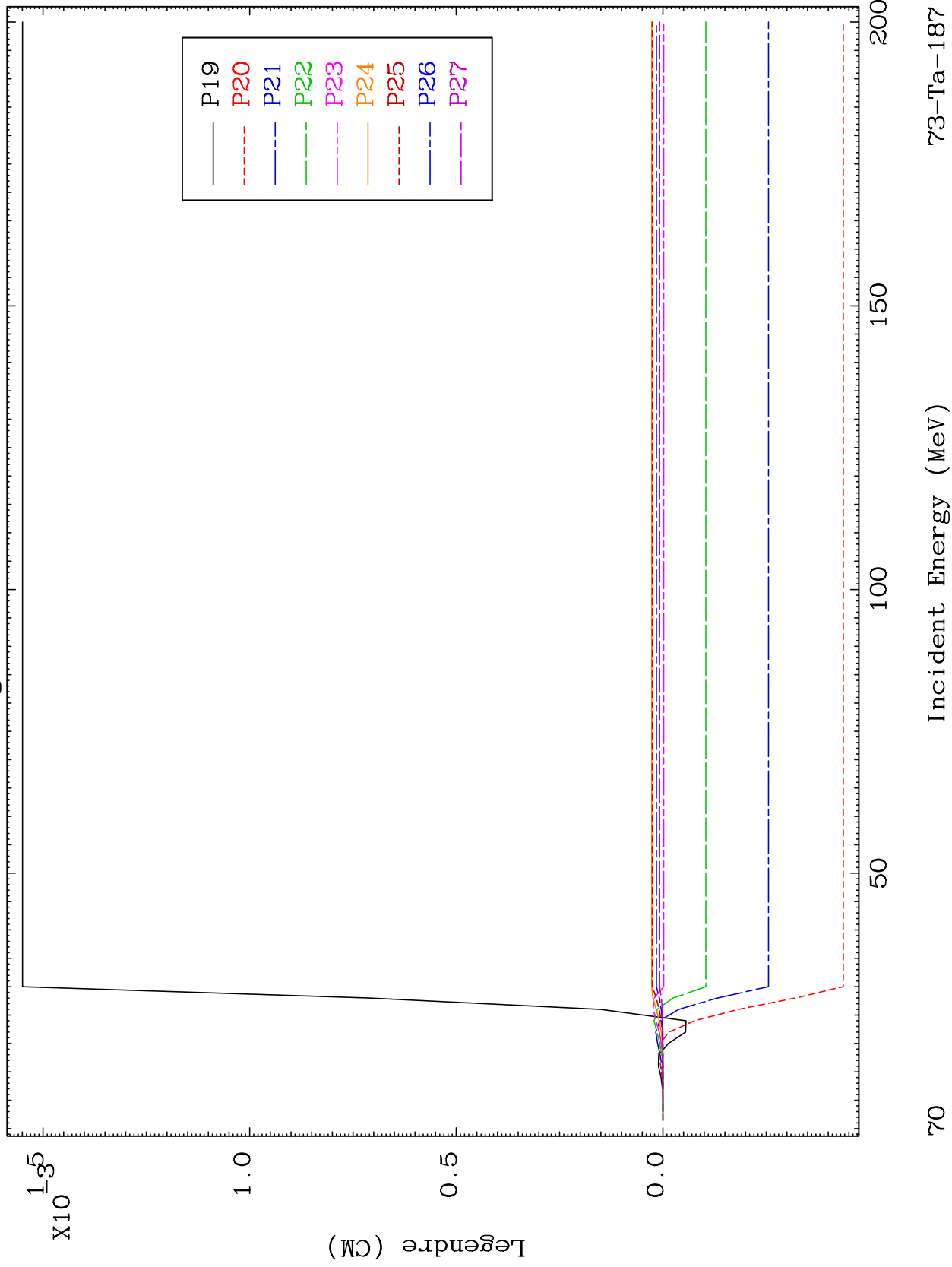
Incident Energy (MeV)

68

MAT 7346

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

73-Ta-187



70

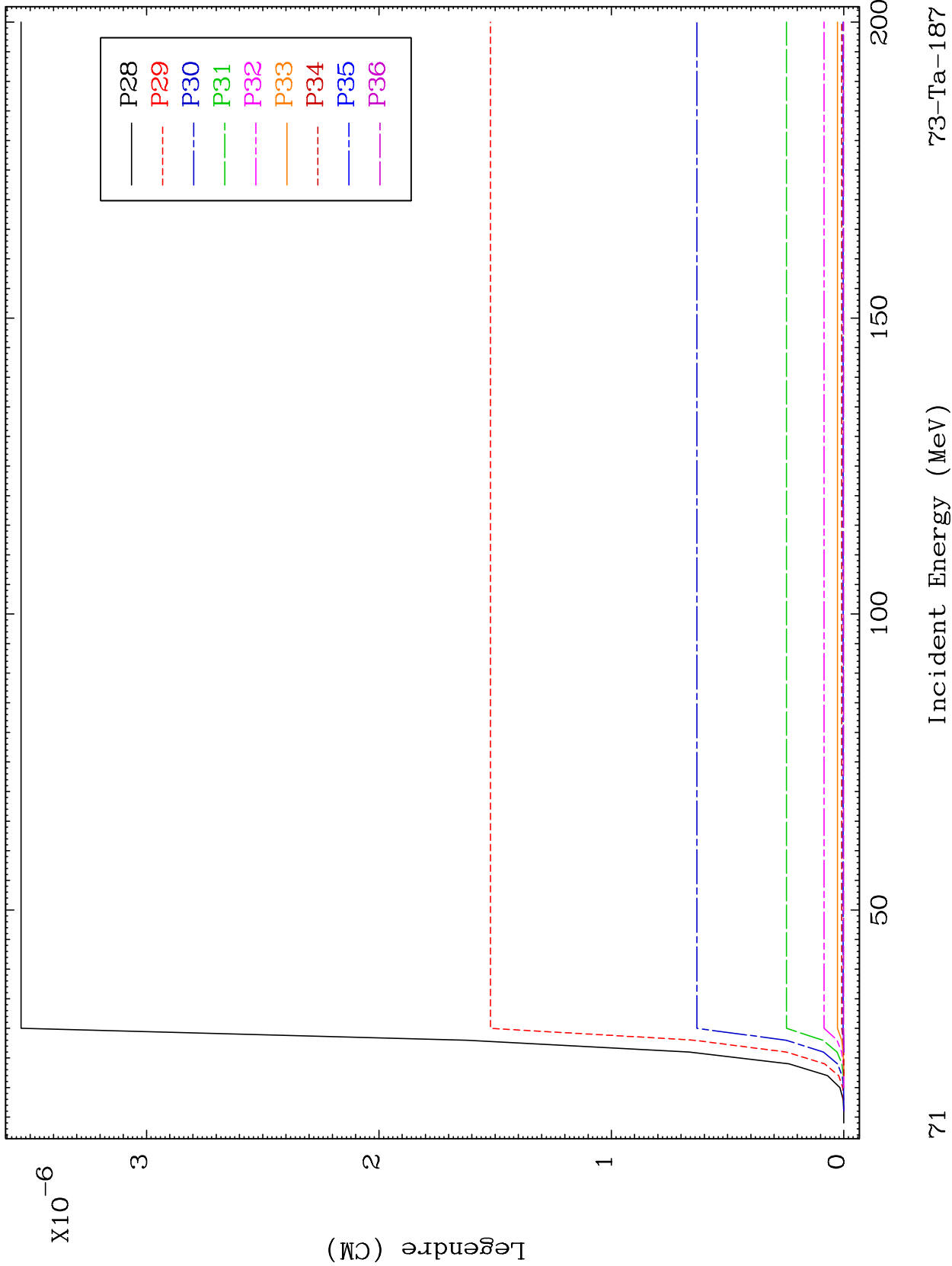
Incident Energy (MeV)

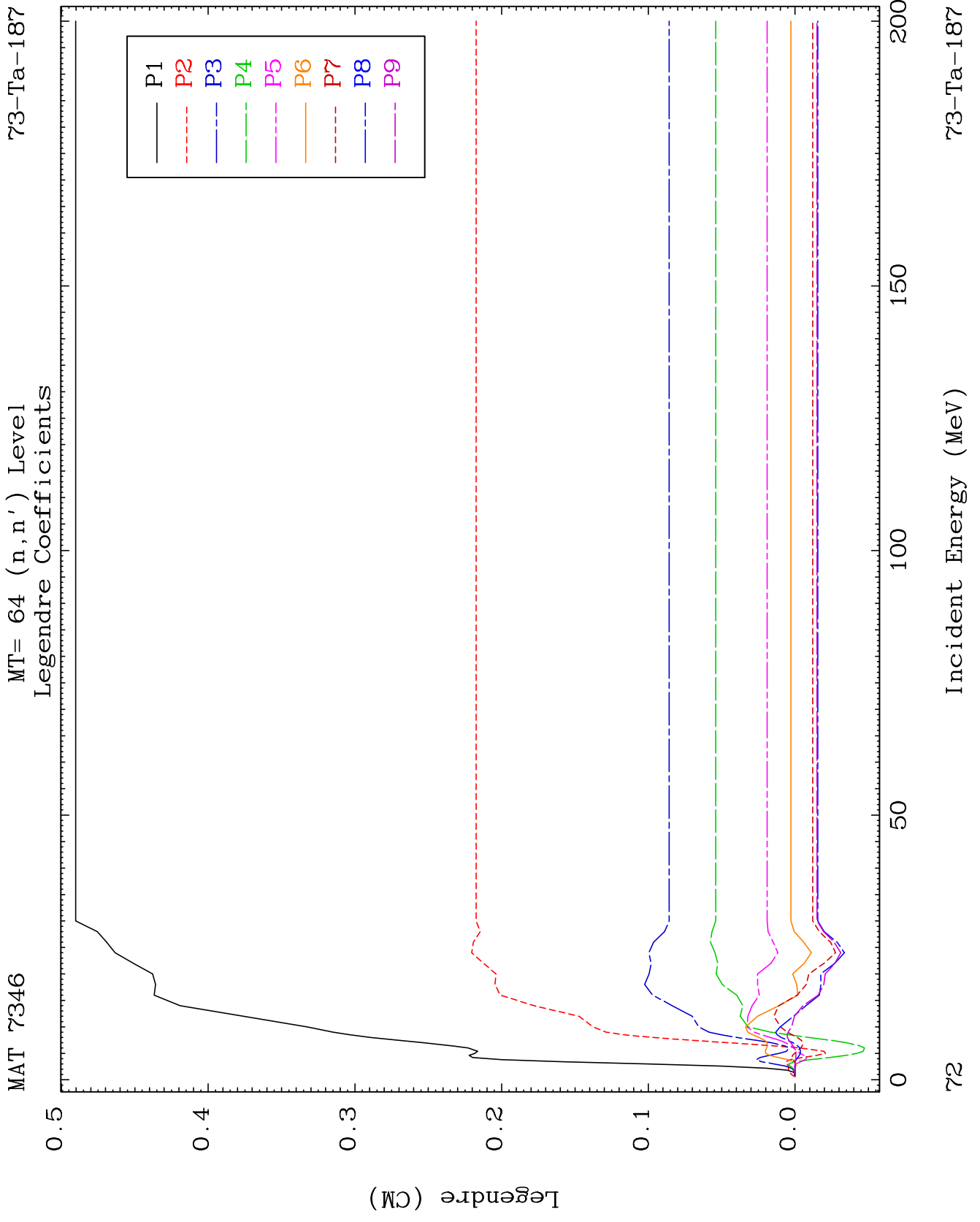
73-Ta-187

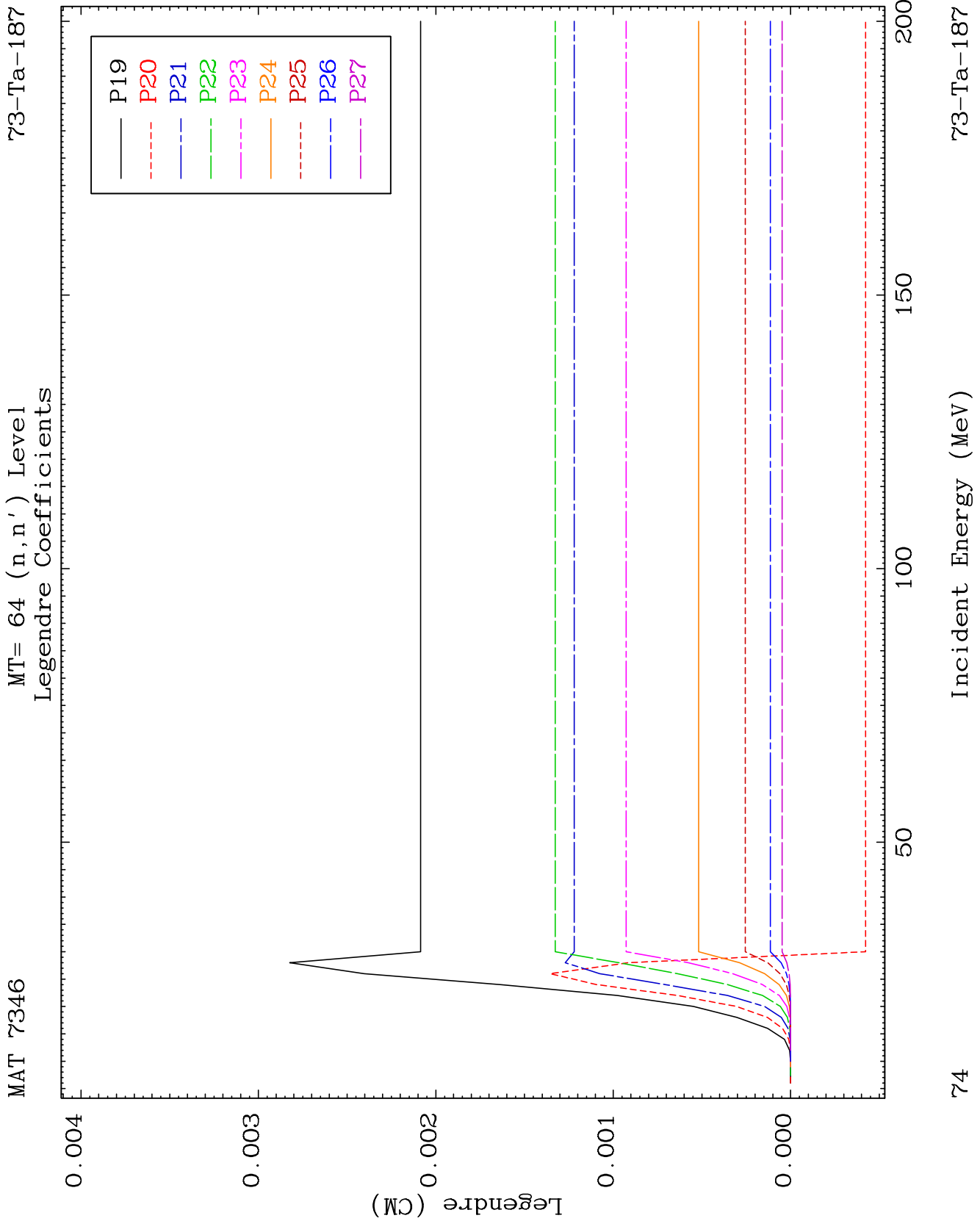
MAT 7346

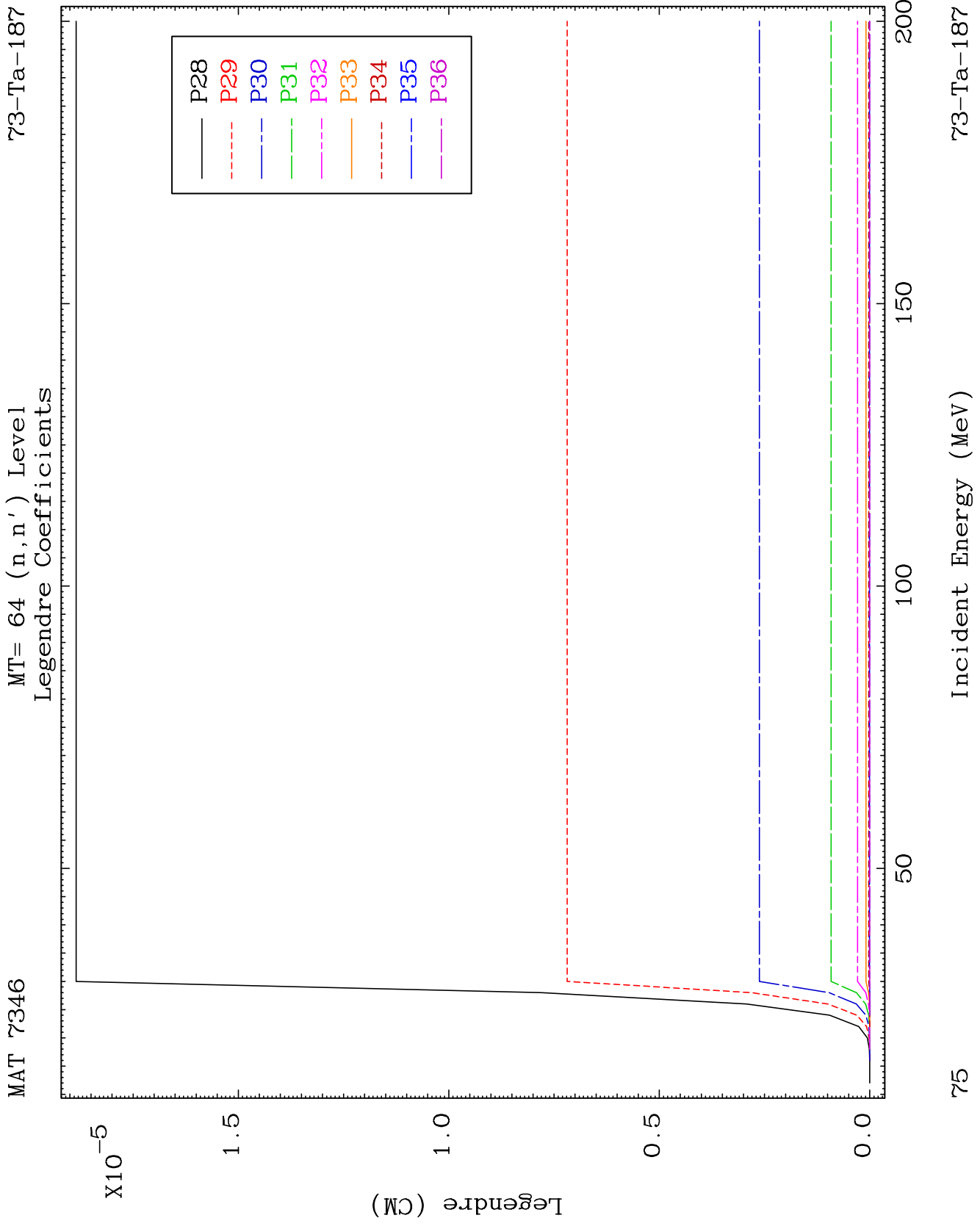
MT= 63 (n,n') Level
Legendre Coefficients

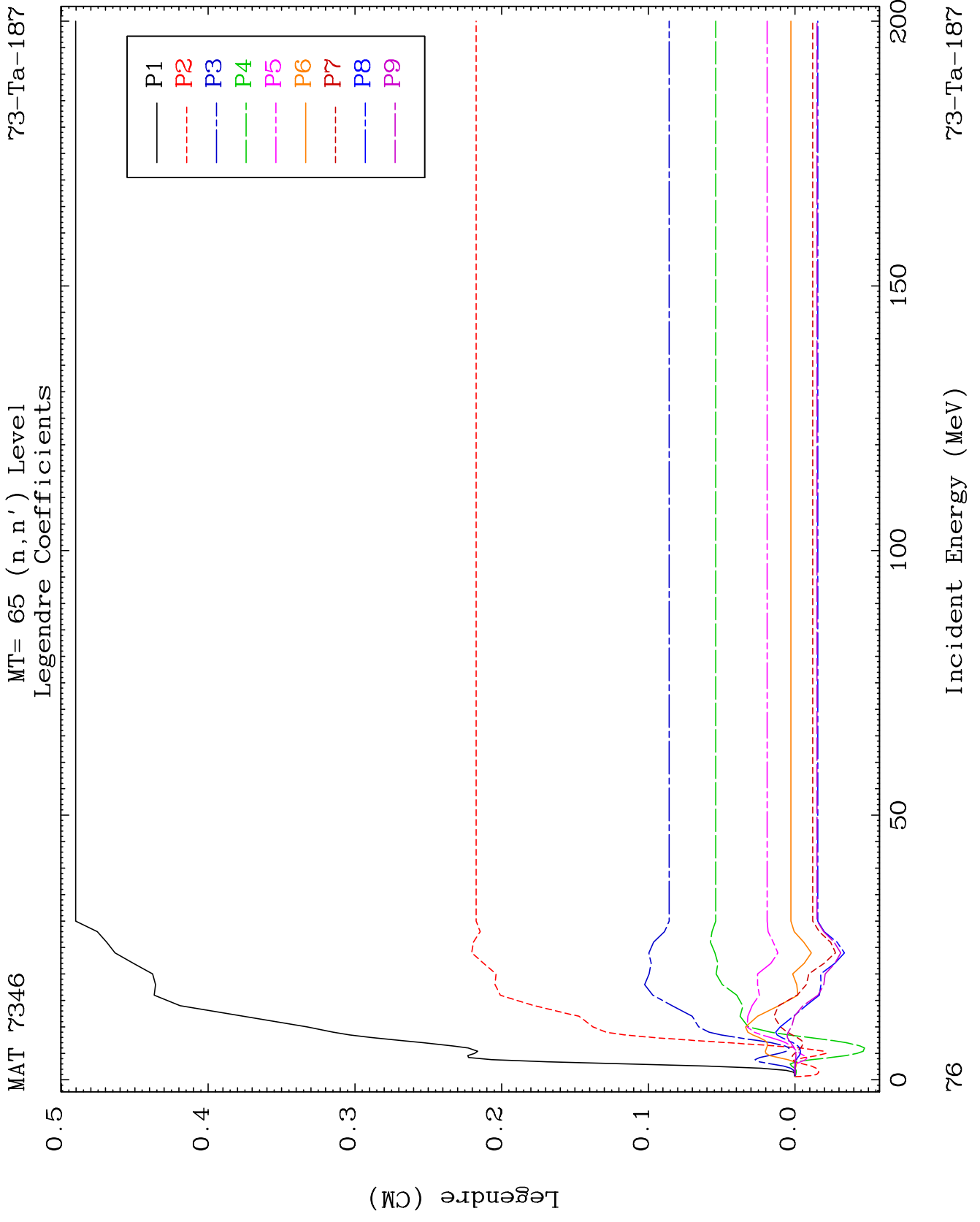
73-Ta-187







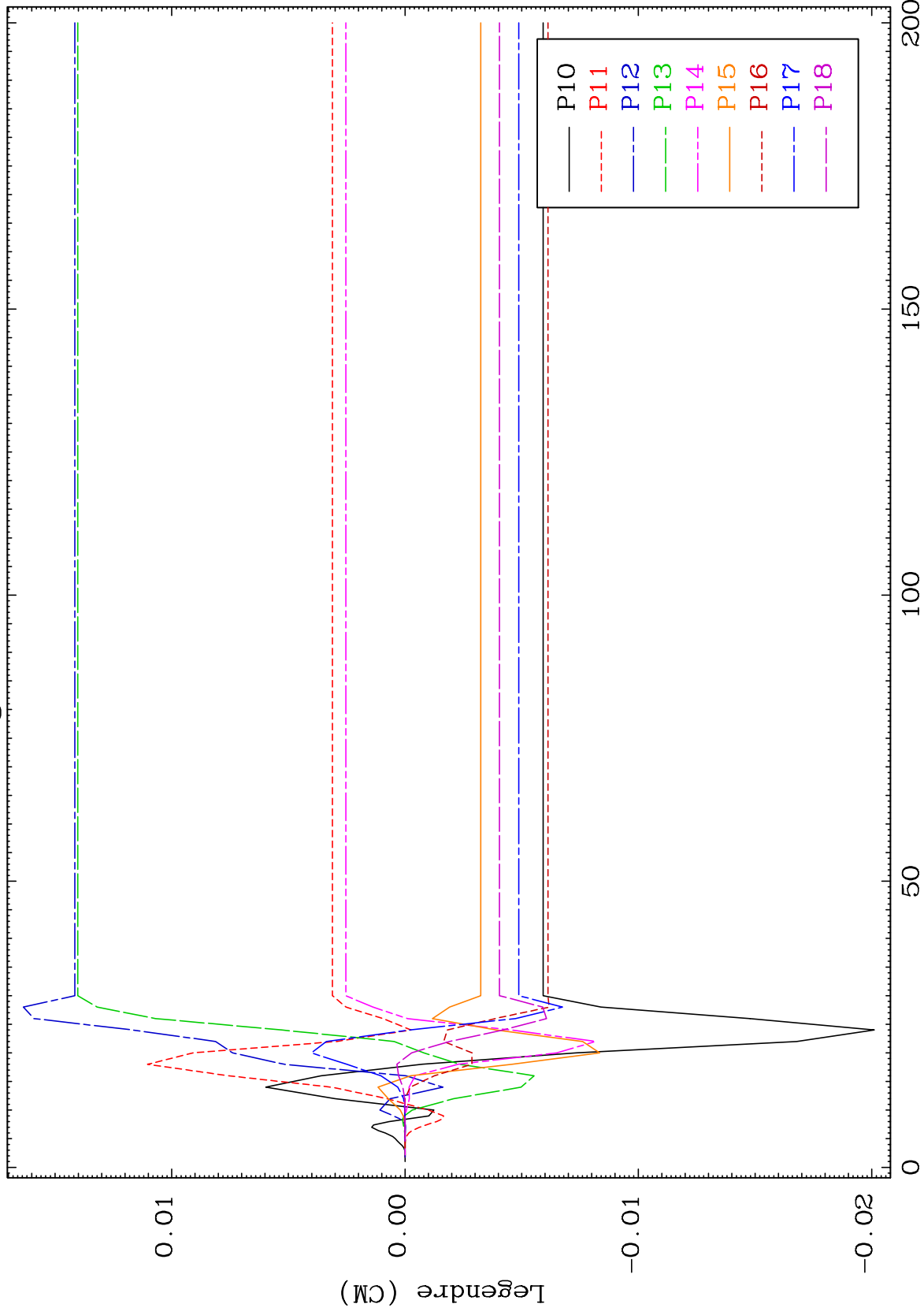




MAT 7346

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

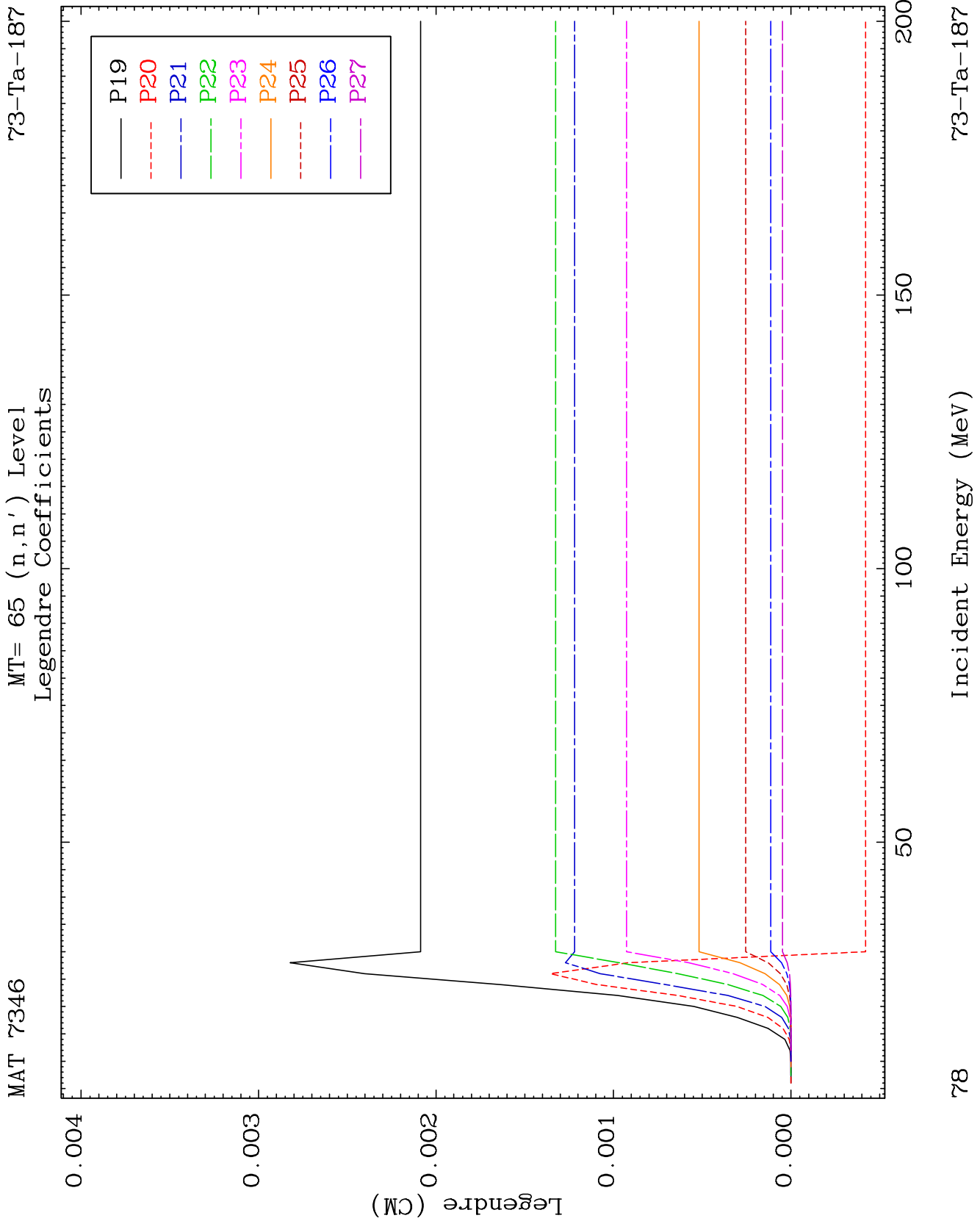
73-Ta-187



77

Incident Energy (MeV)

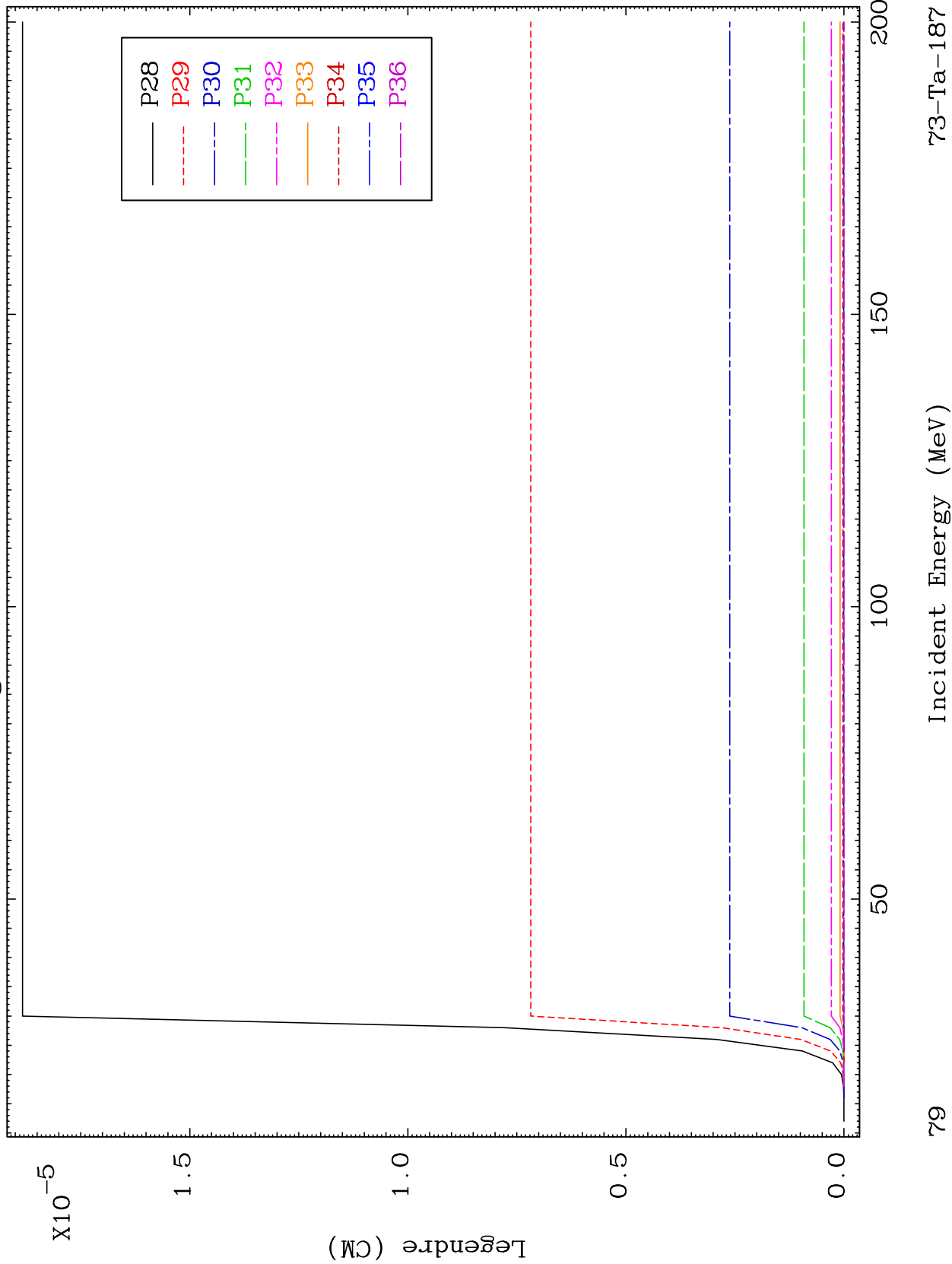
73-Ta-187



MAT 7346

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

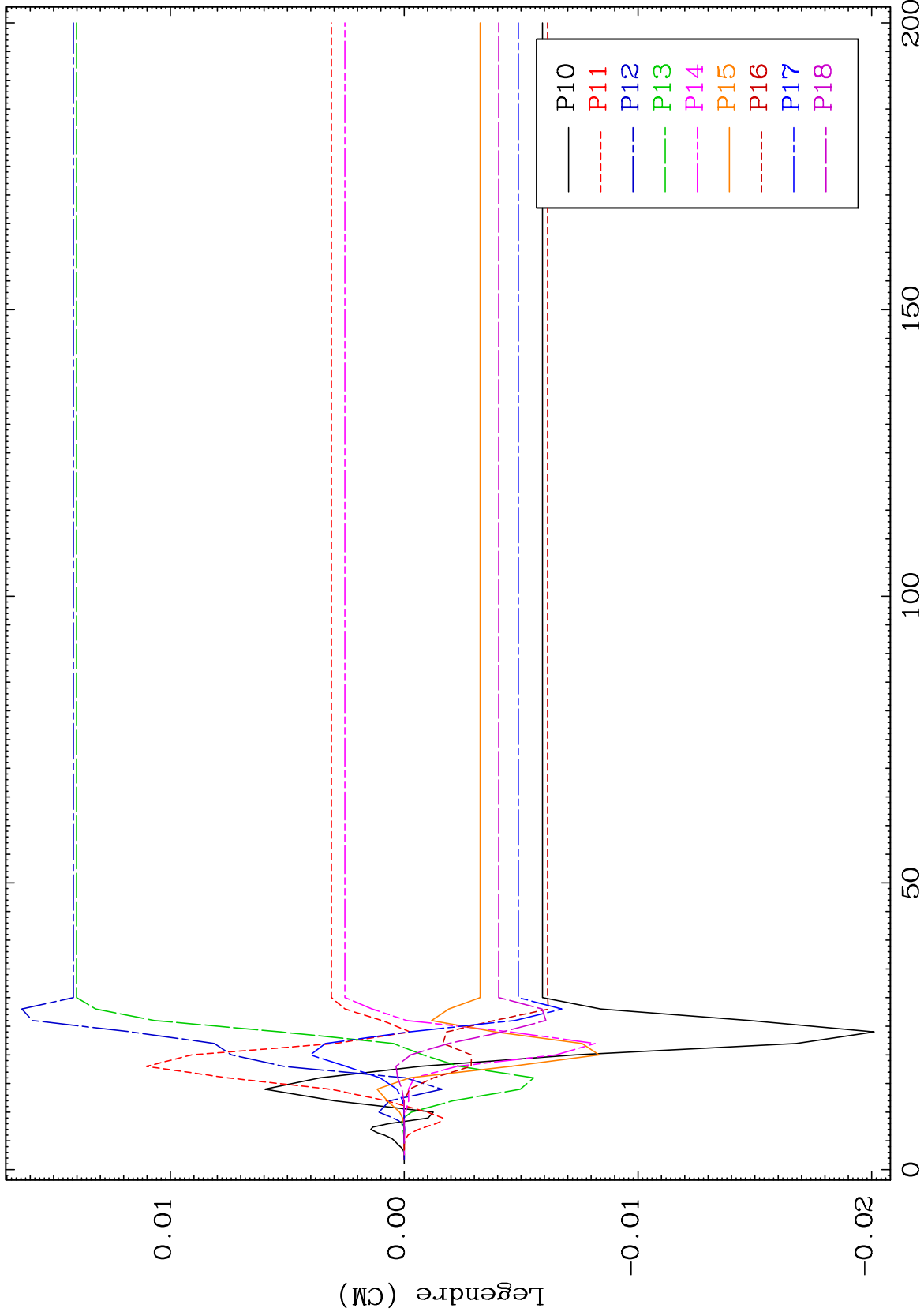
73-Ta-187



MAT 7346

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

73-Ta-187



81

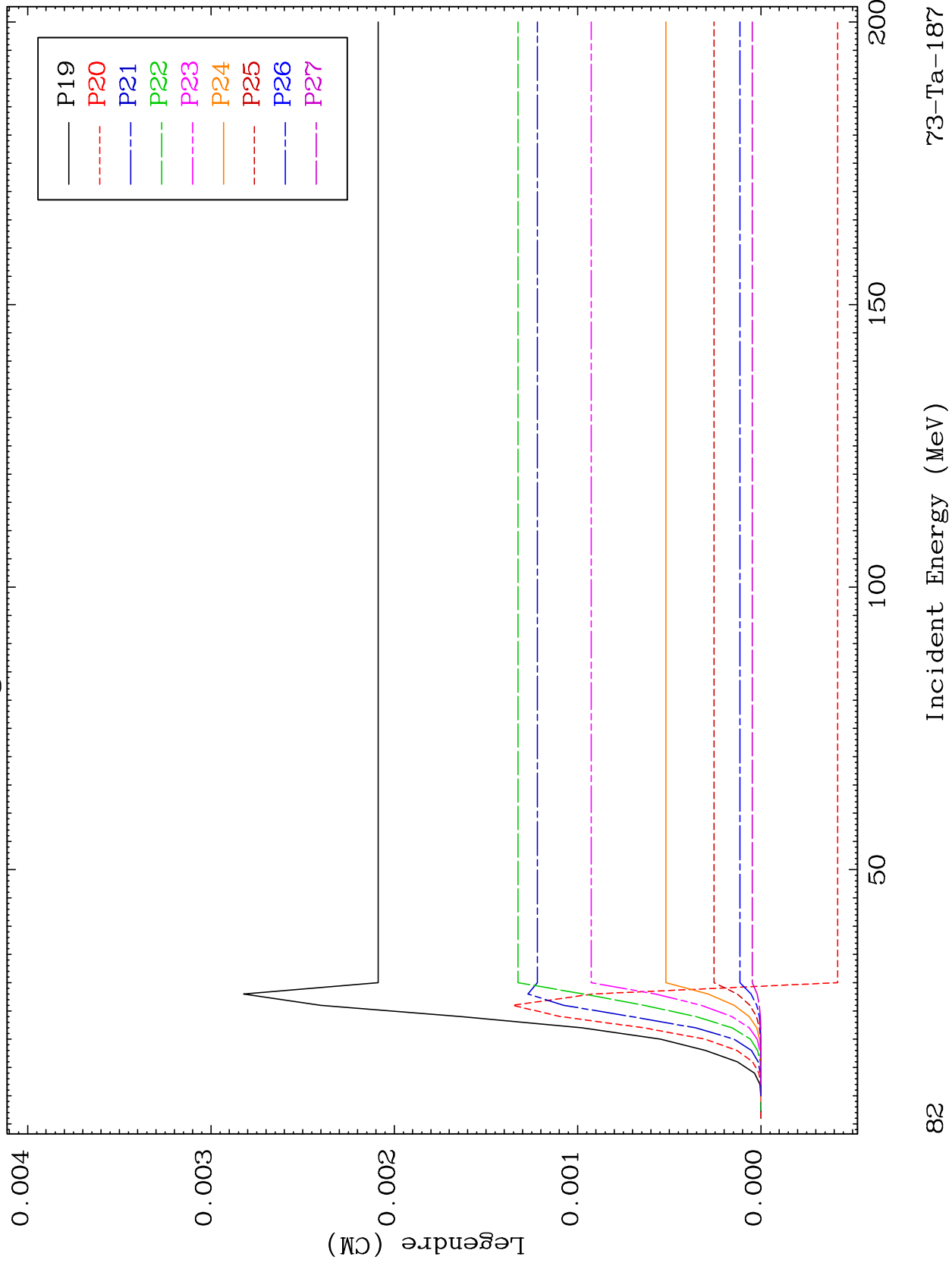
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



82

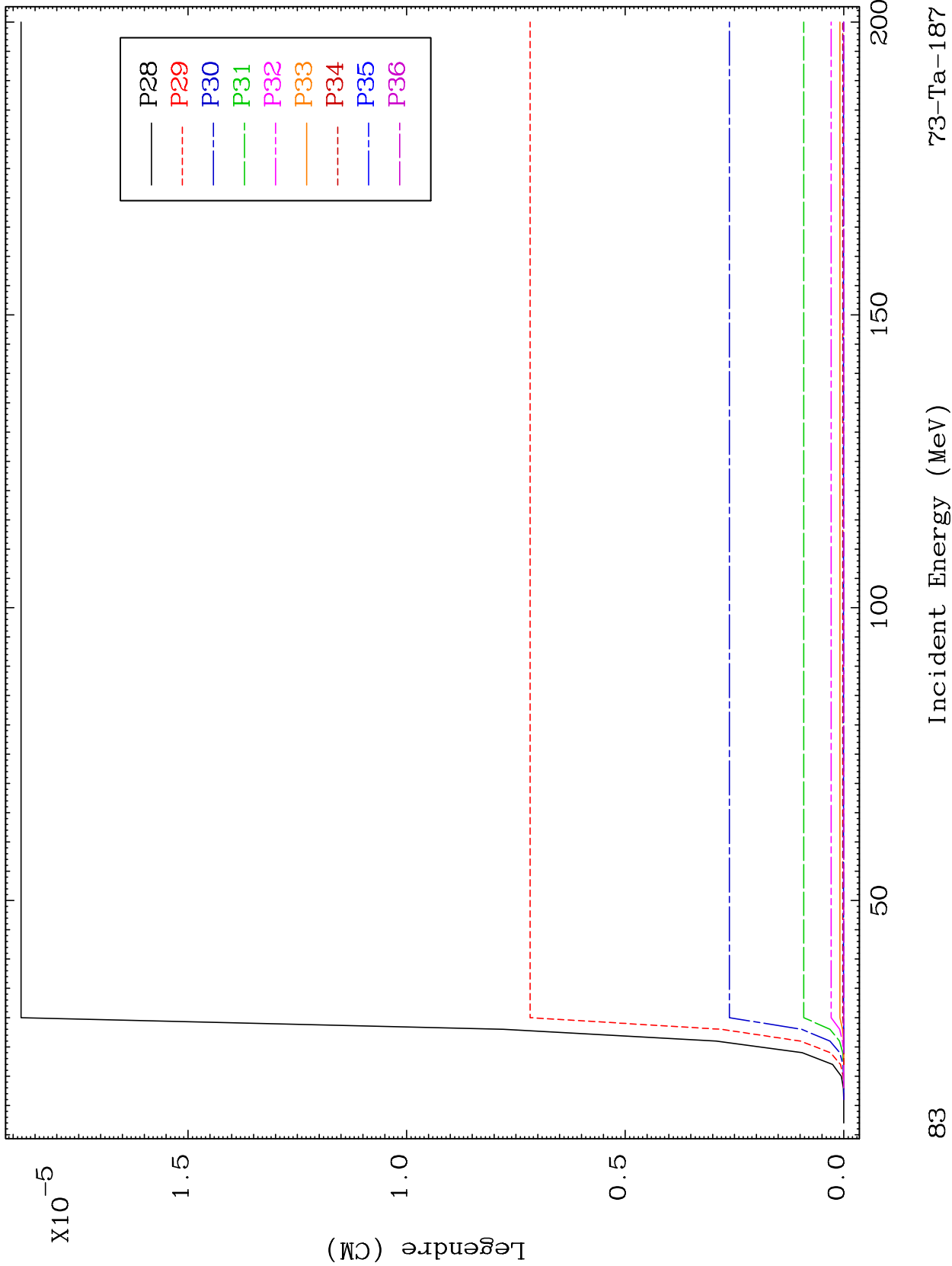
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



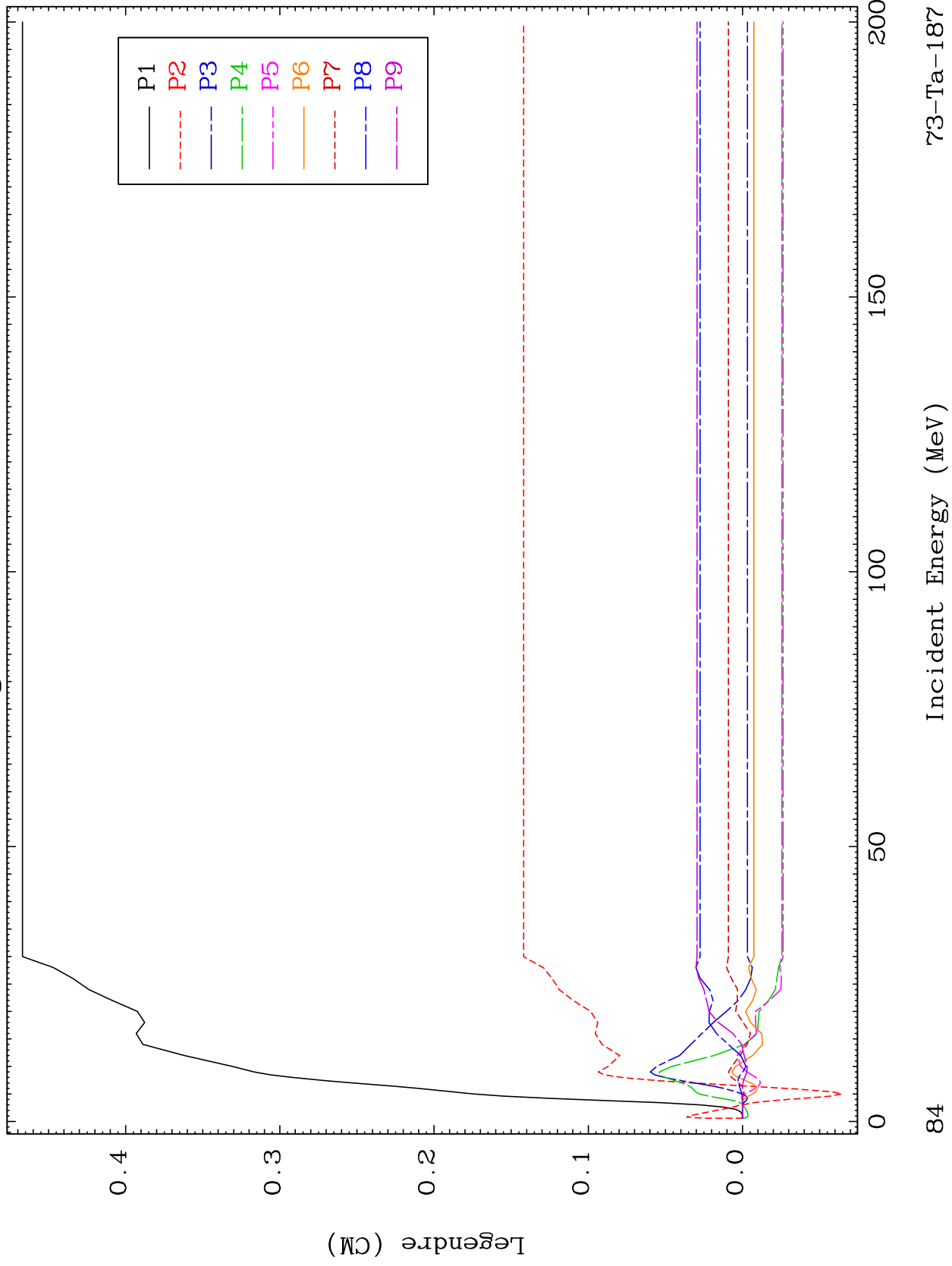
83

MAT 7346

MT= 67 (n,n') Level

73-Ta-187

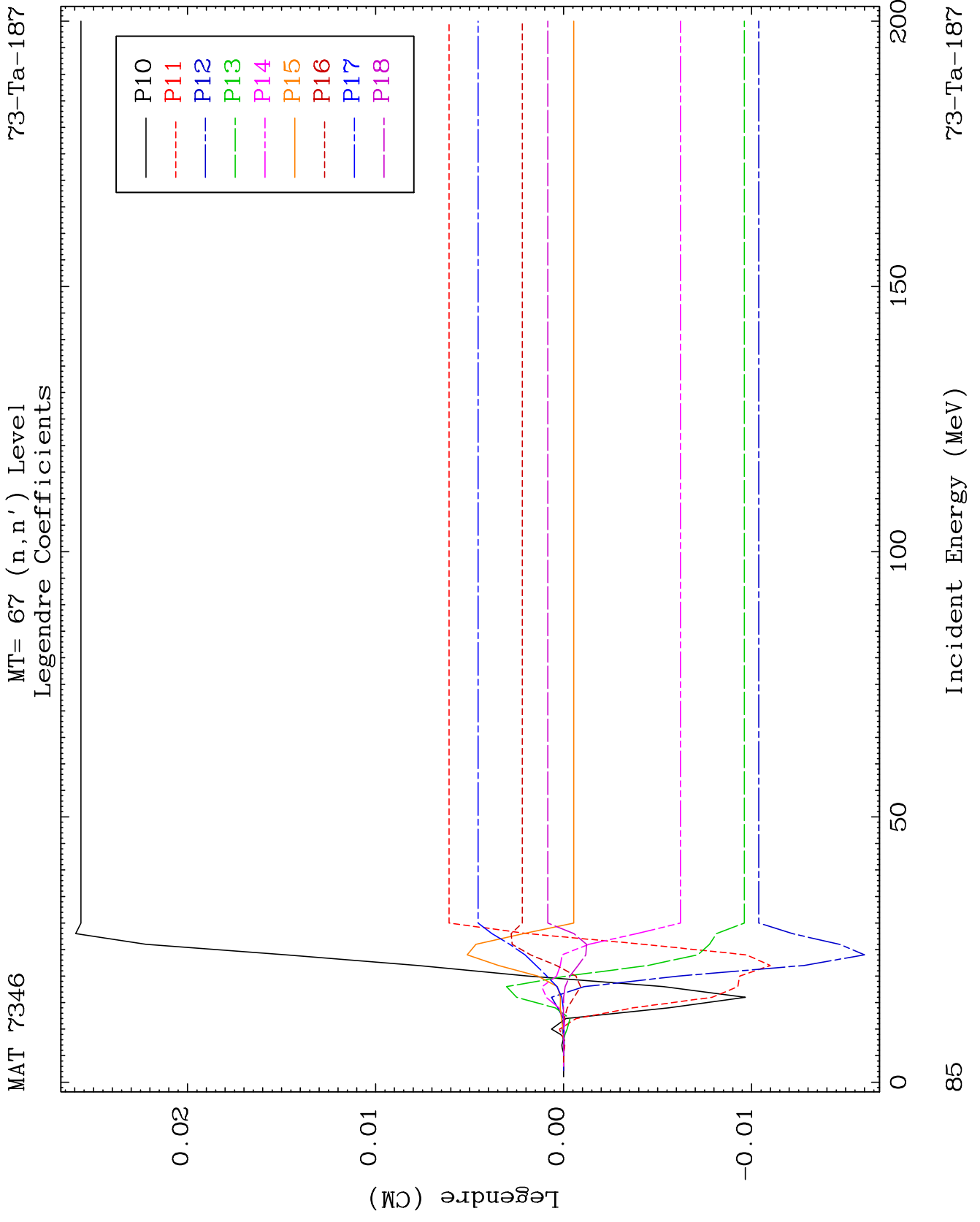
Legendre Coefficients



84

Incident Energy (MeV)

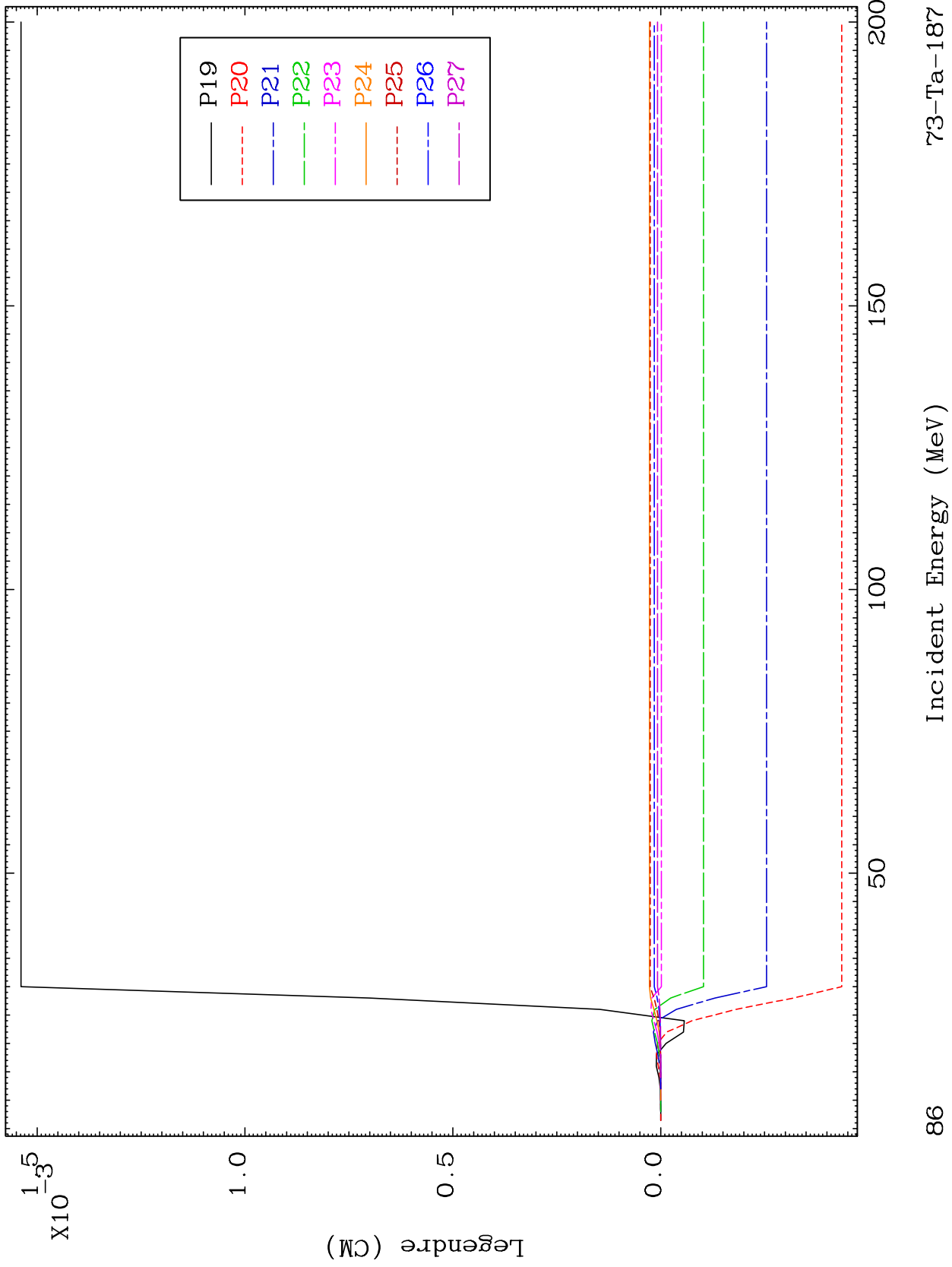
73-Ta-187



MAT 7346

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

73-Ta-187



86

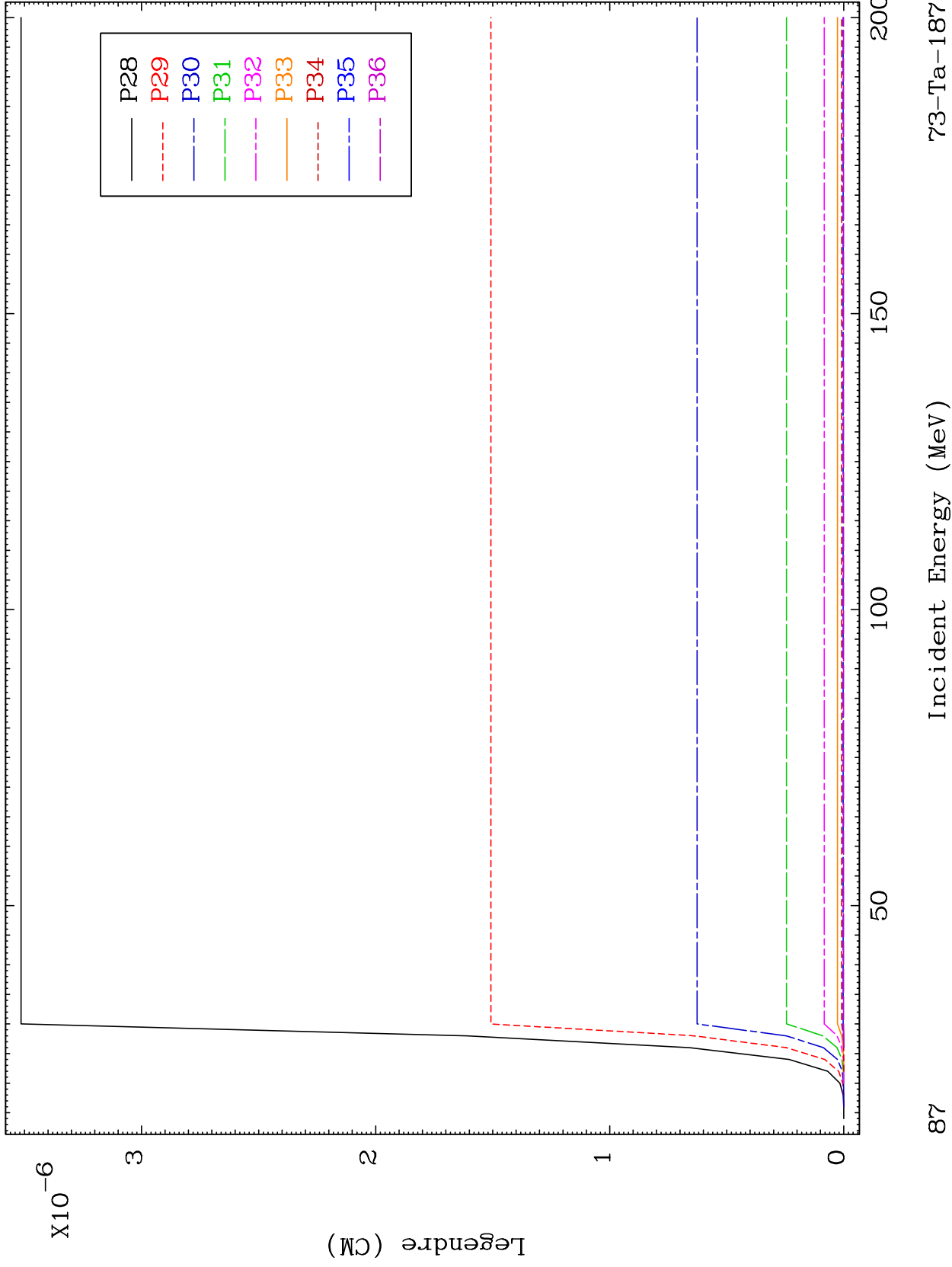
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

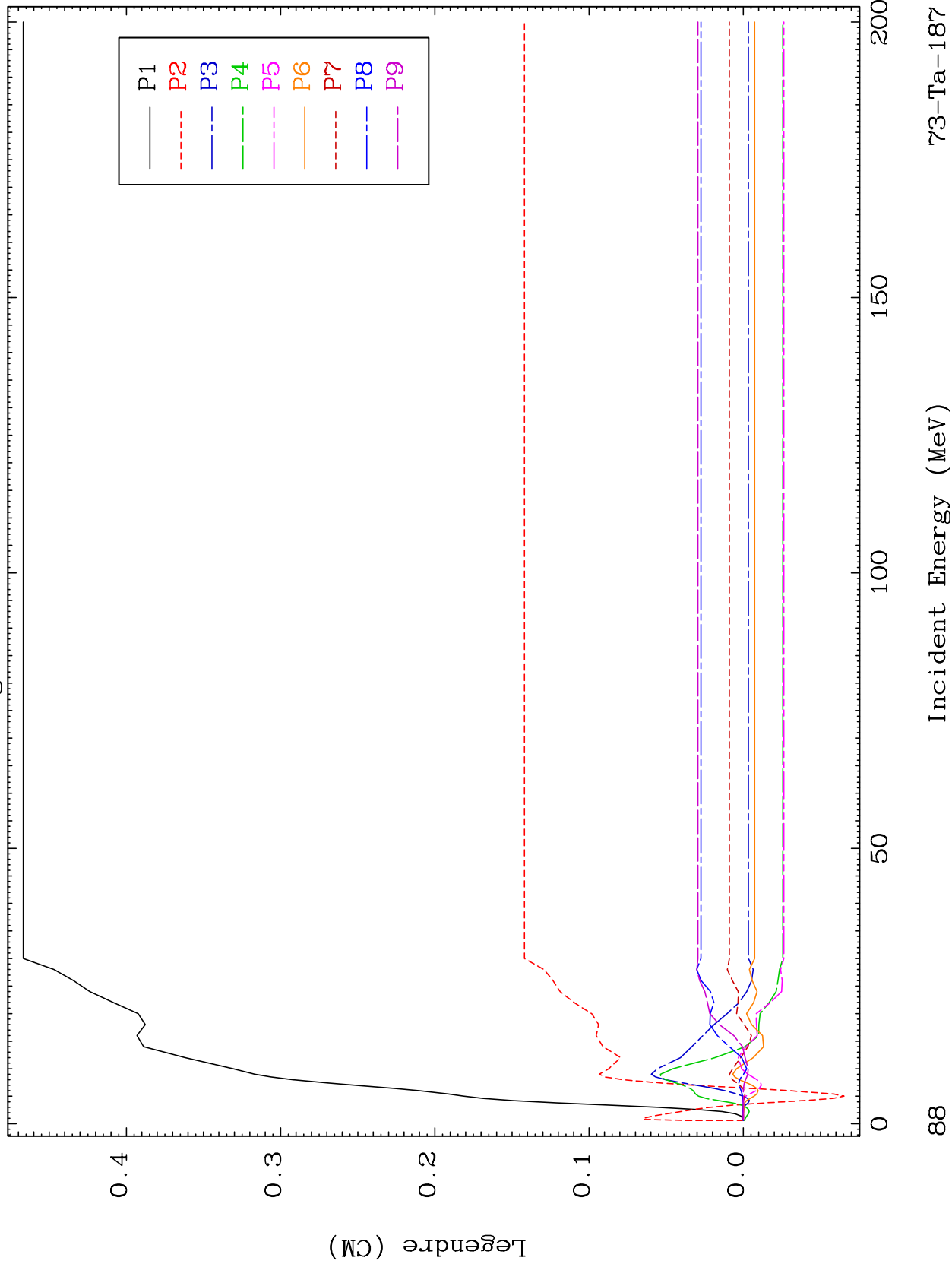
73-Ta-187



MAT 7346

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

73-Ta-187



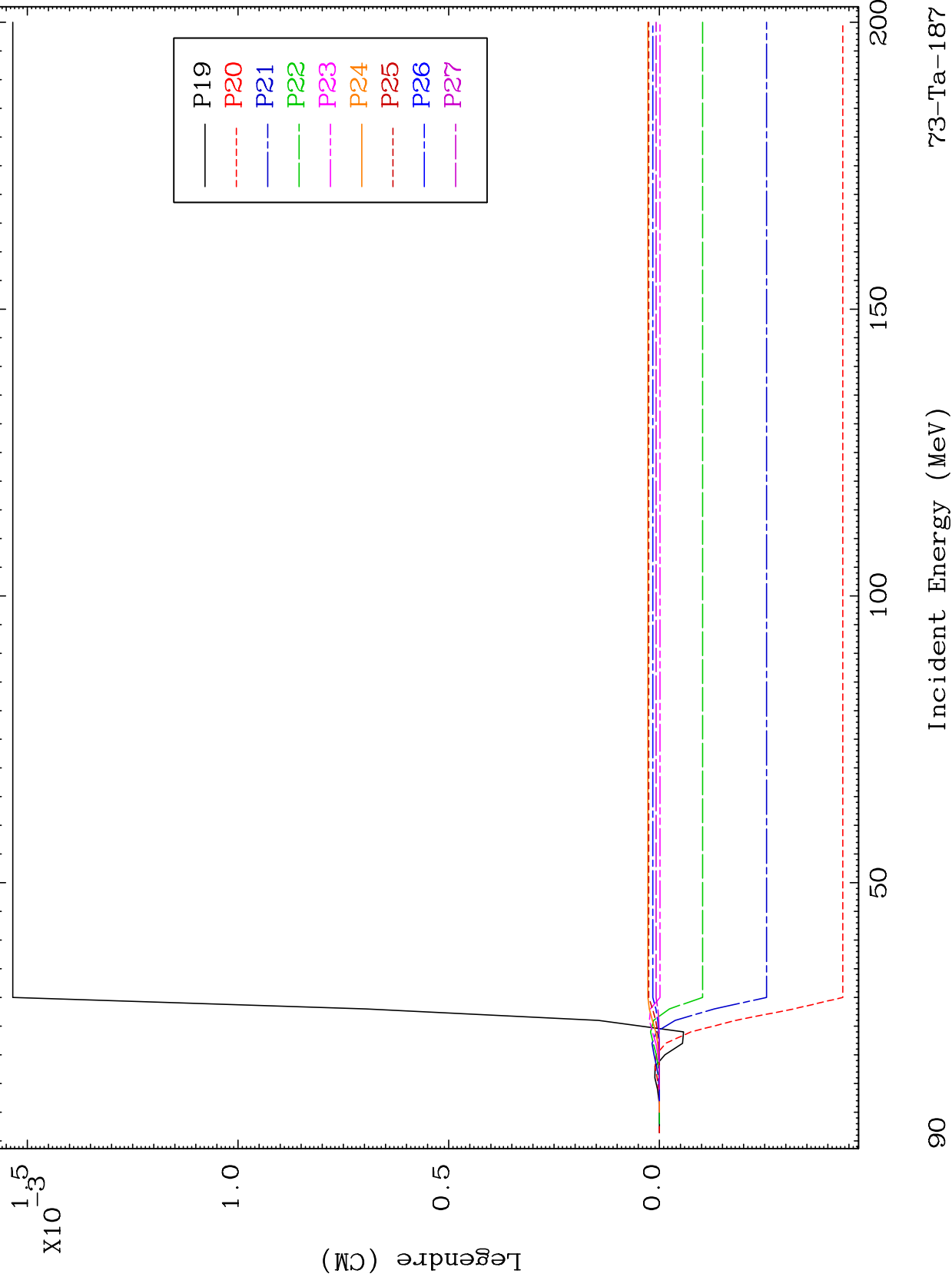
88

73-Ta-187

MAT 7346

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

73-Ta-187



90

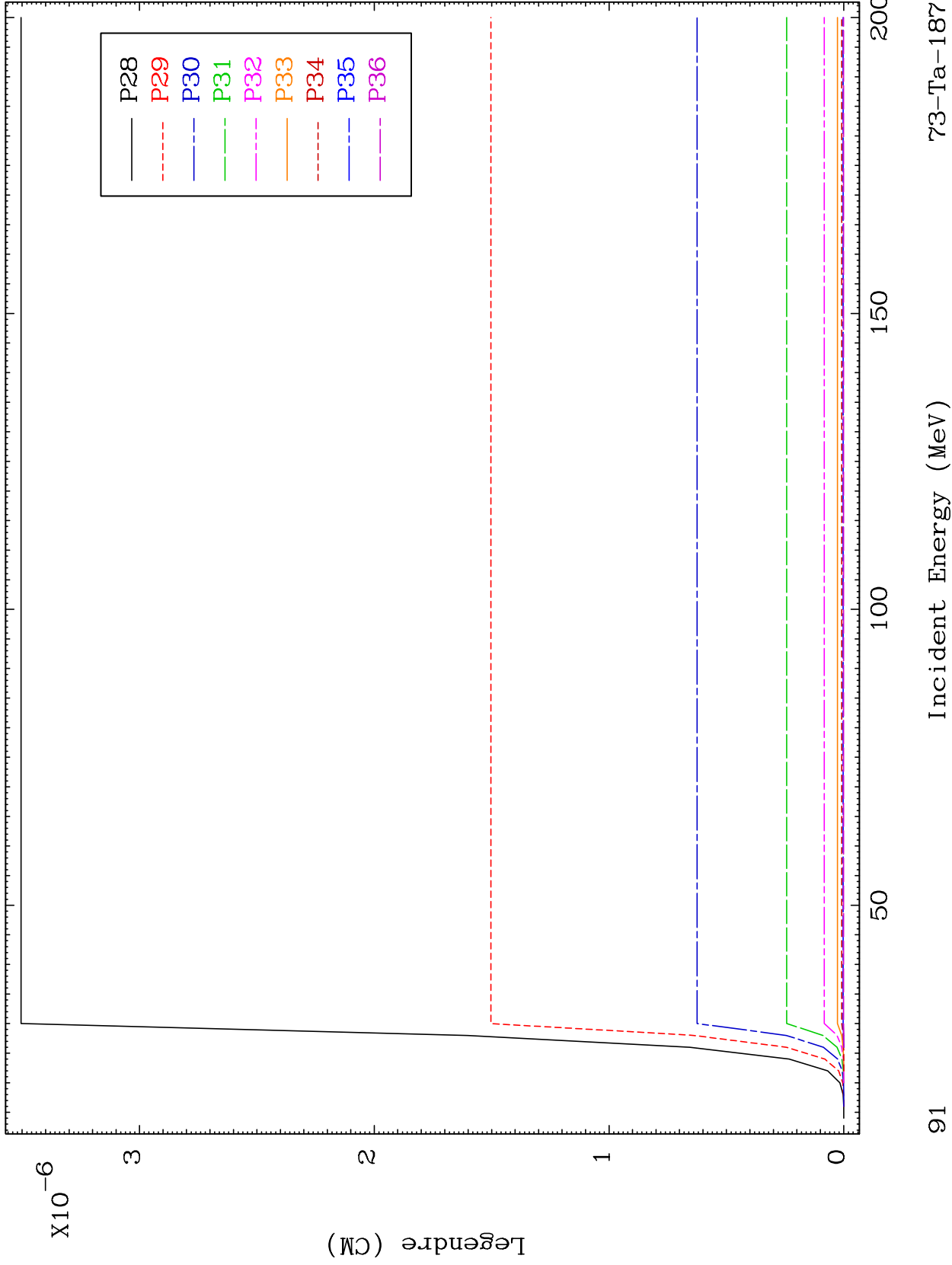
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

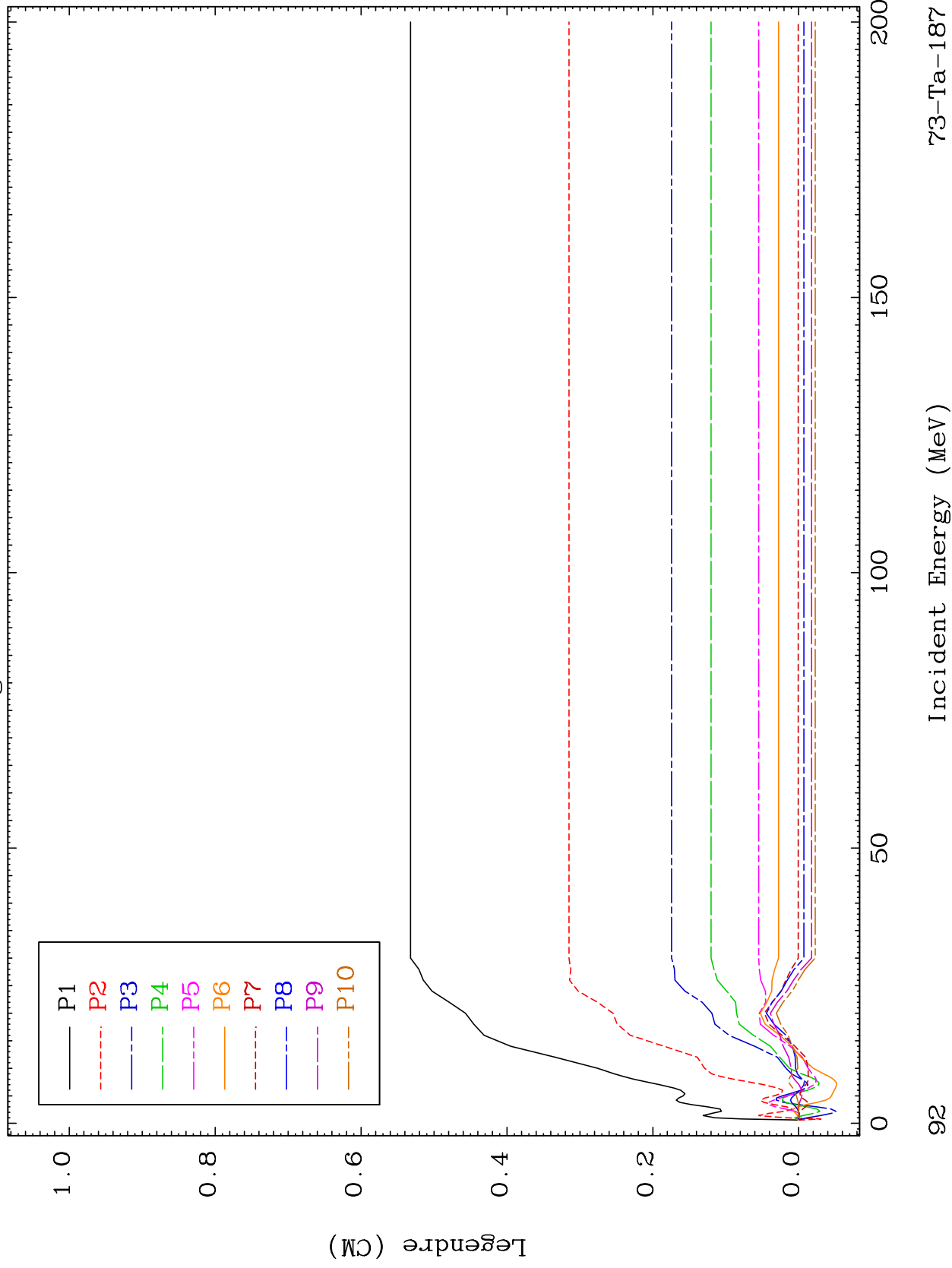
73-Ta-187



MAT 7346

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

⁷³Ta-187



⁷³Ta-187

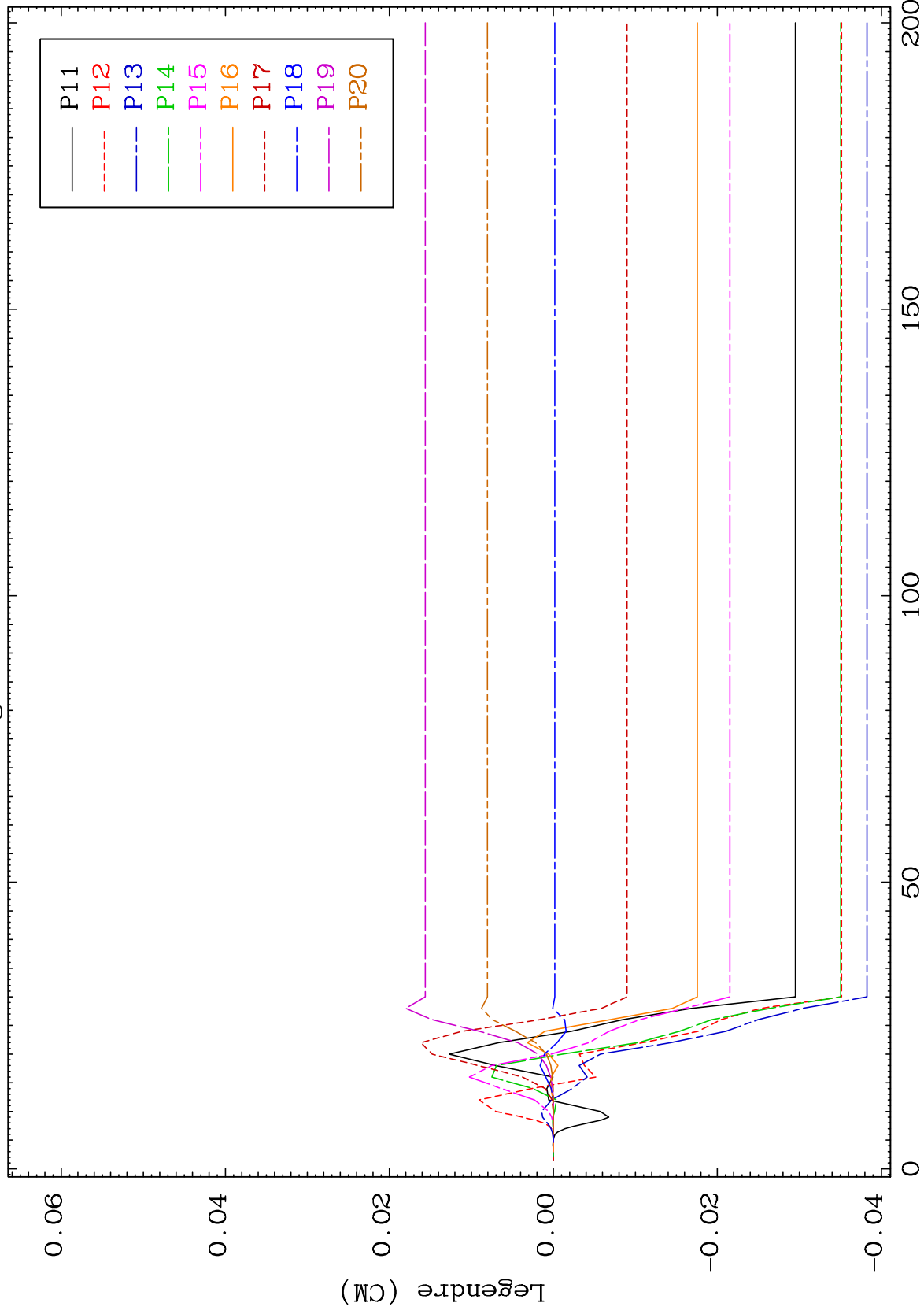
Incident Energy (MeV)

92

MAT 7346

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

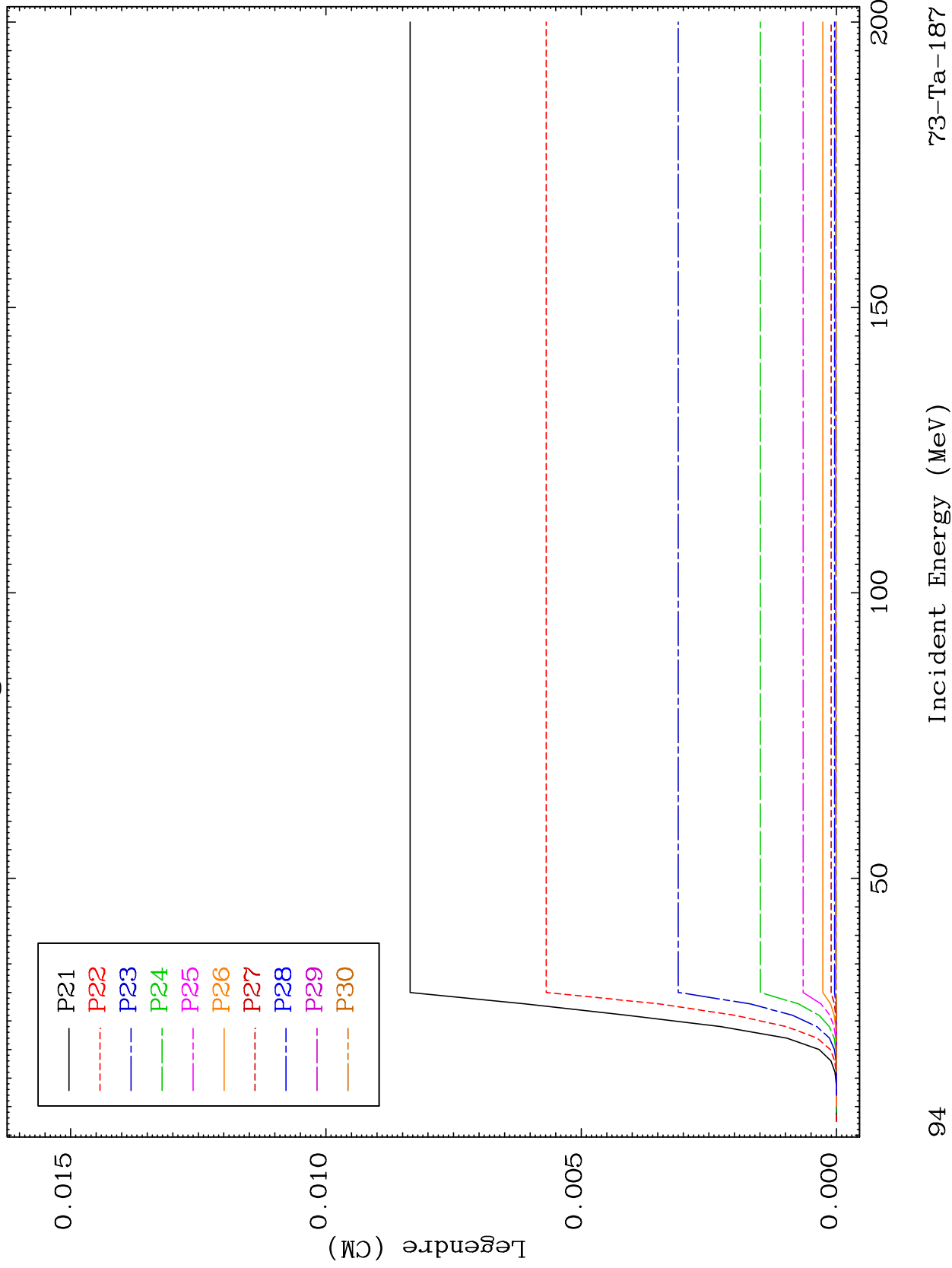
73-Ta-187

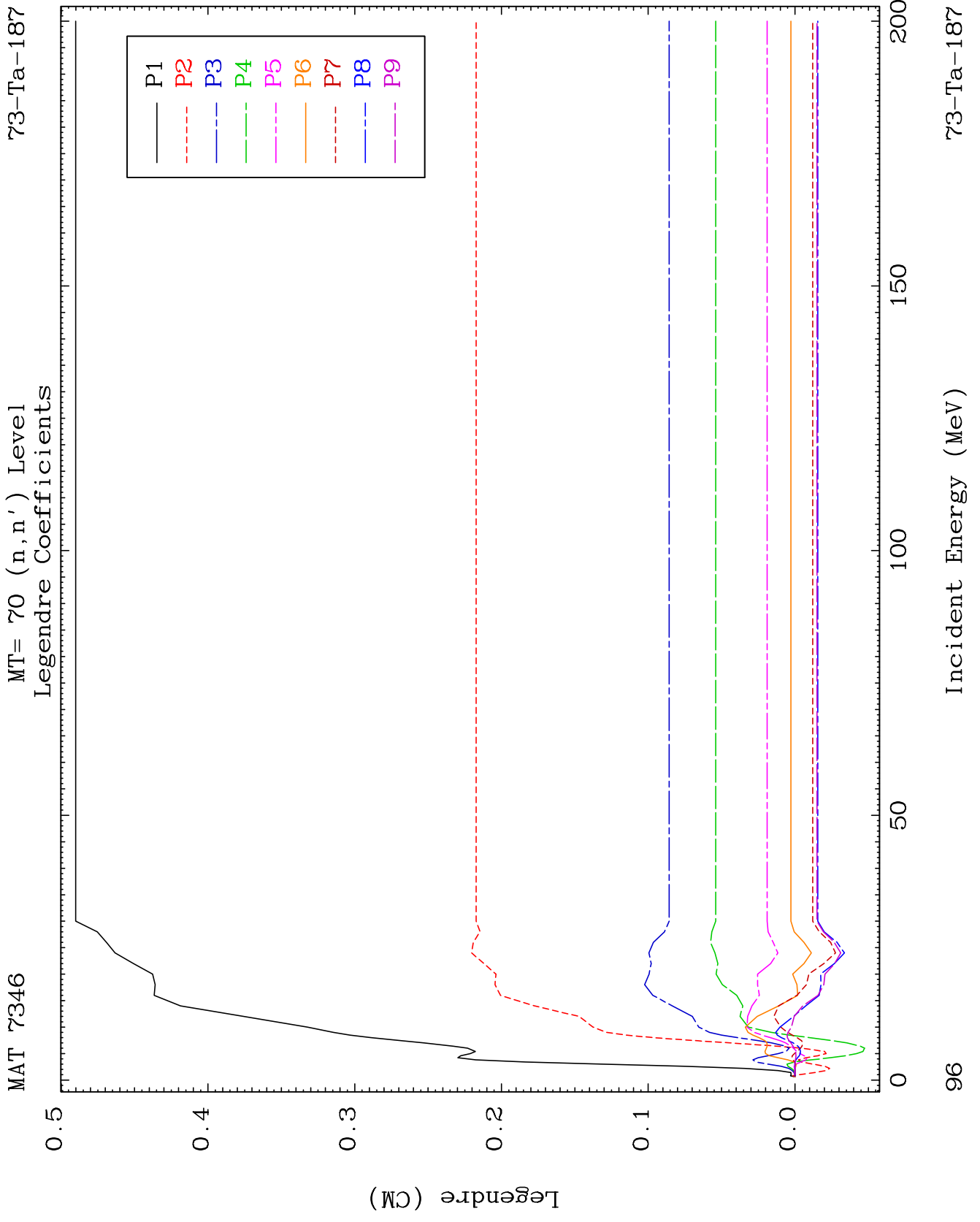


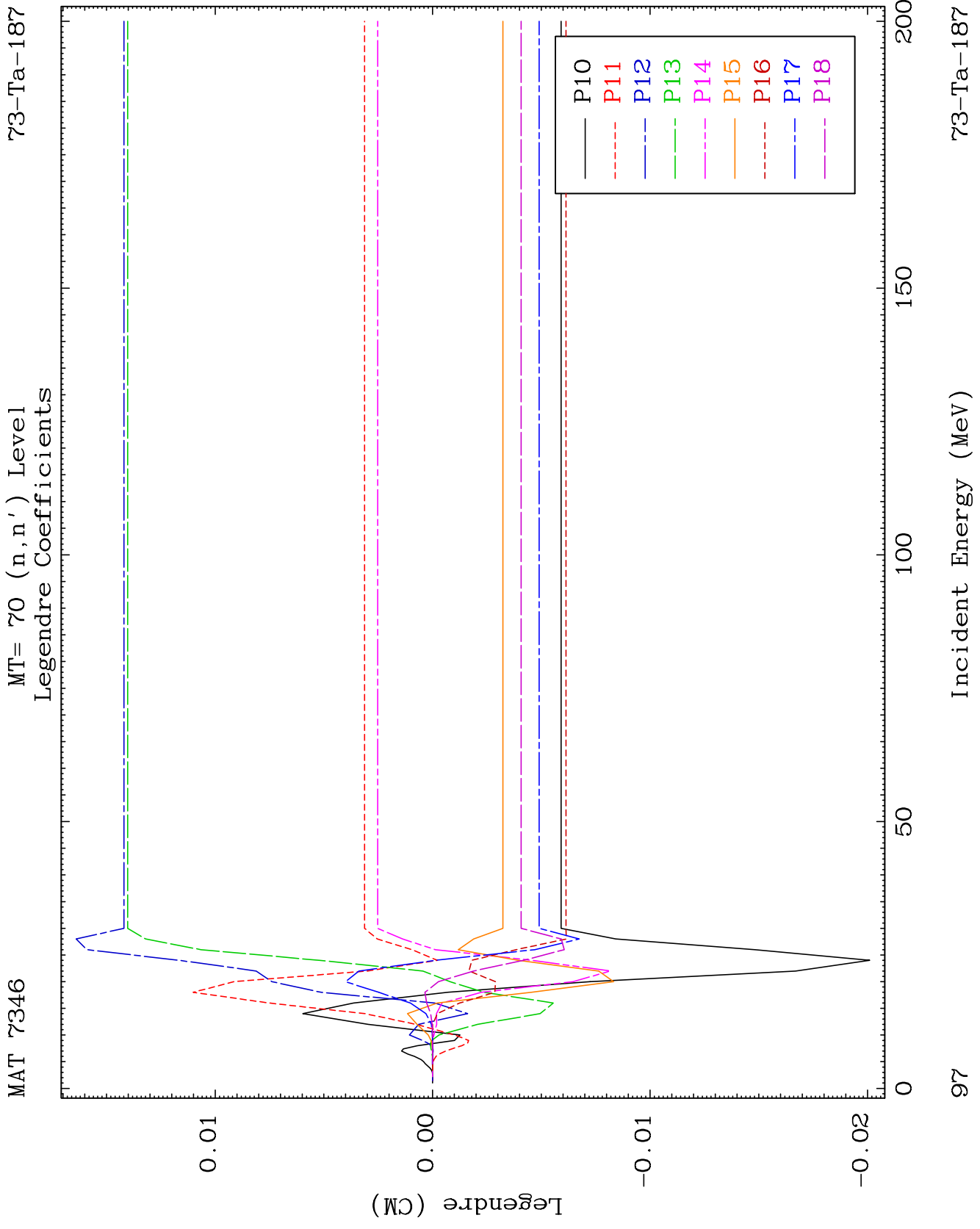
93

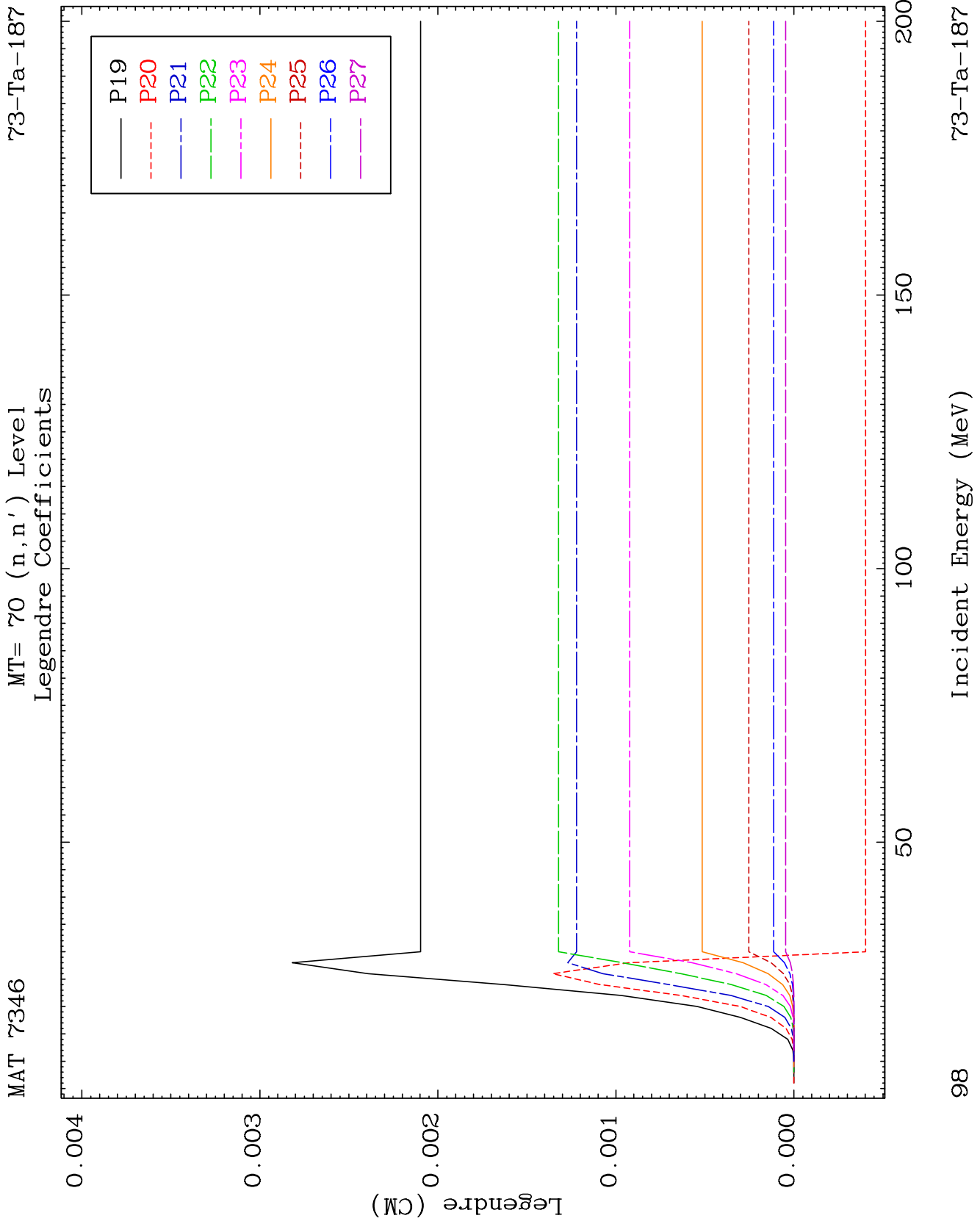
Incident Energy (MeV)

73-Ta-187





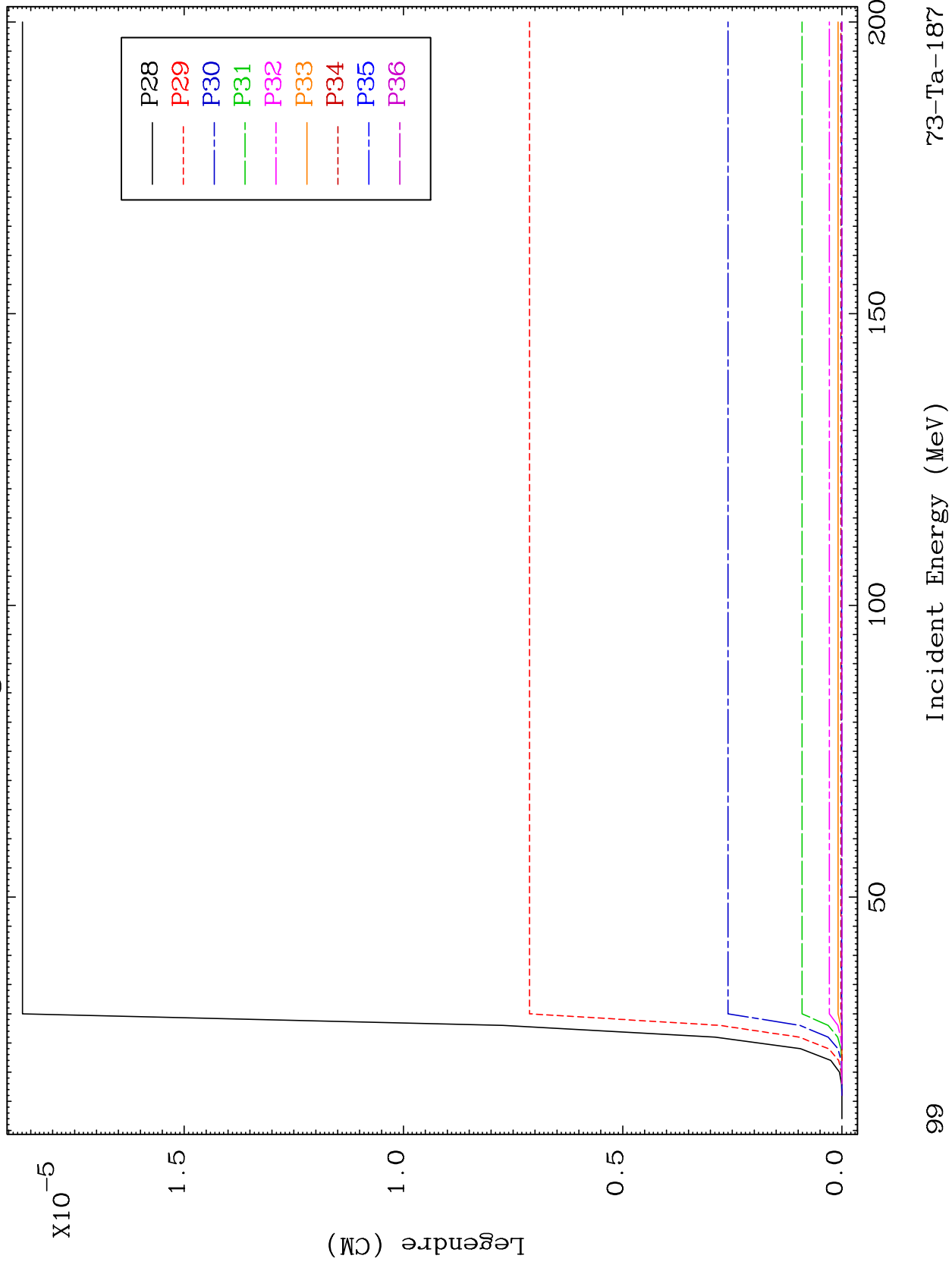


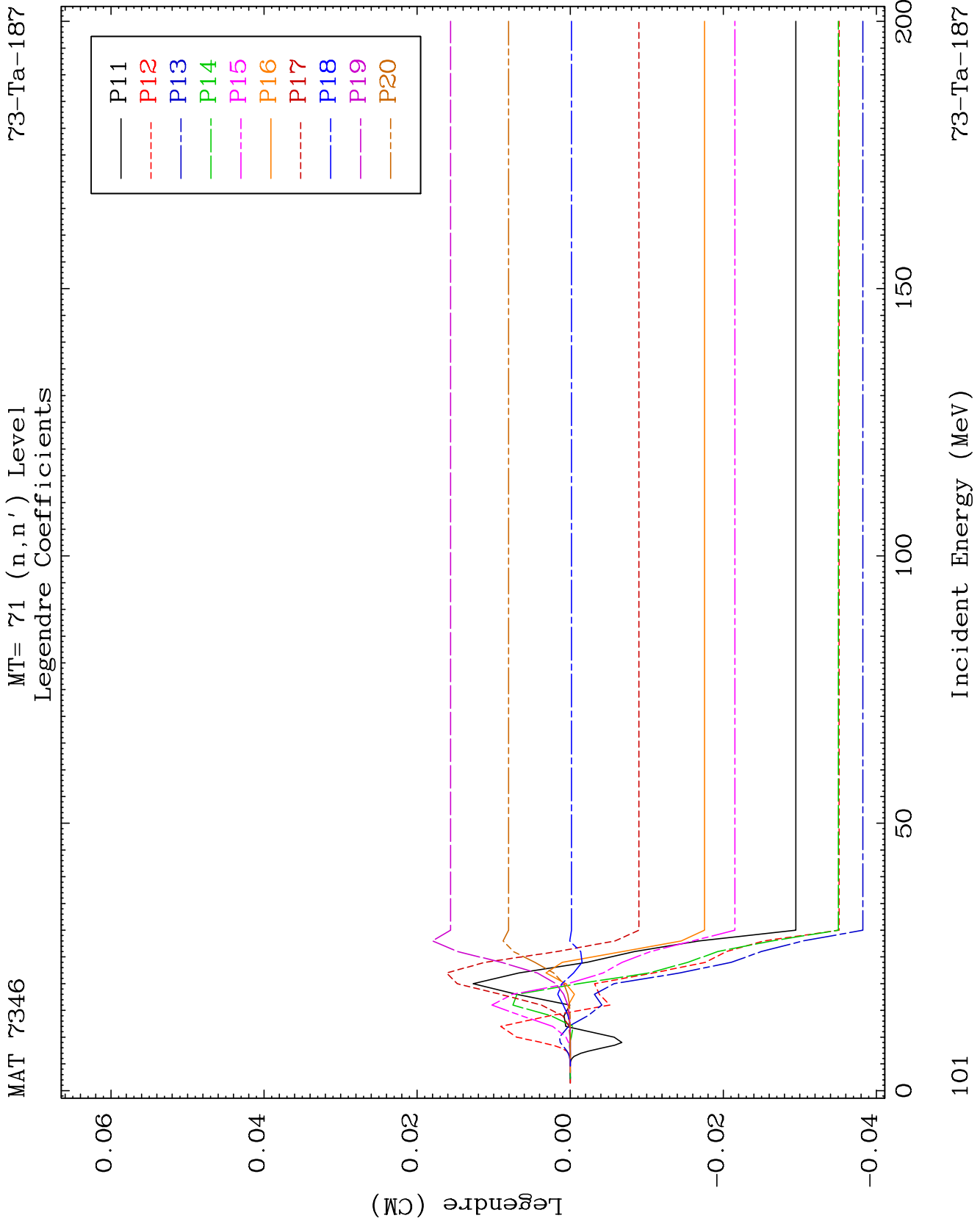


MAT 7346

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

73-Ta-187

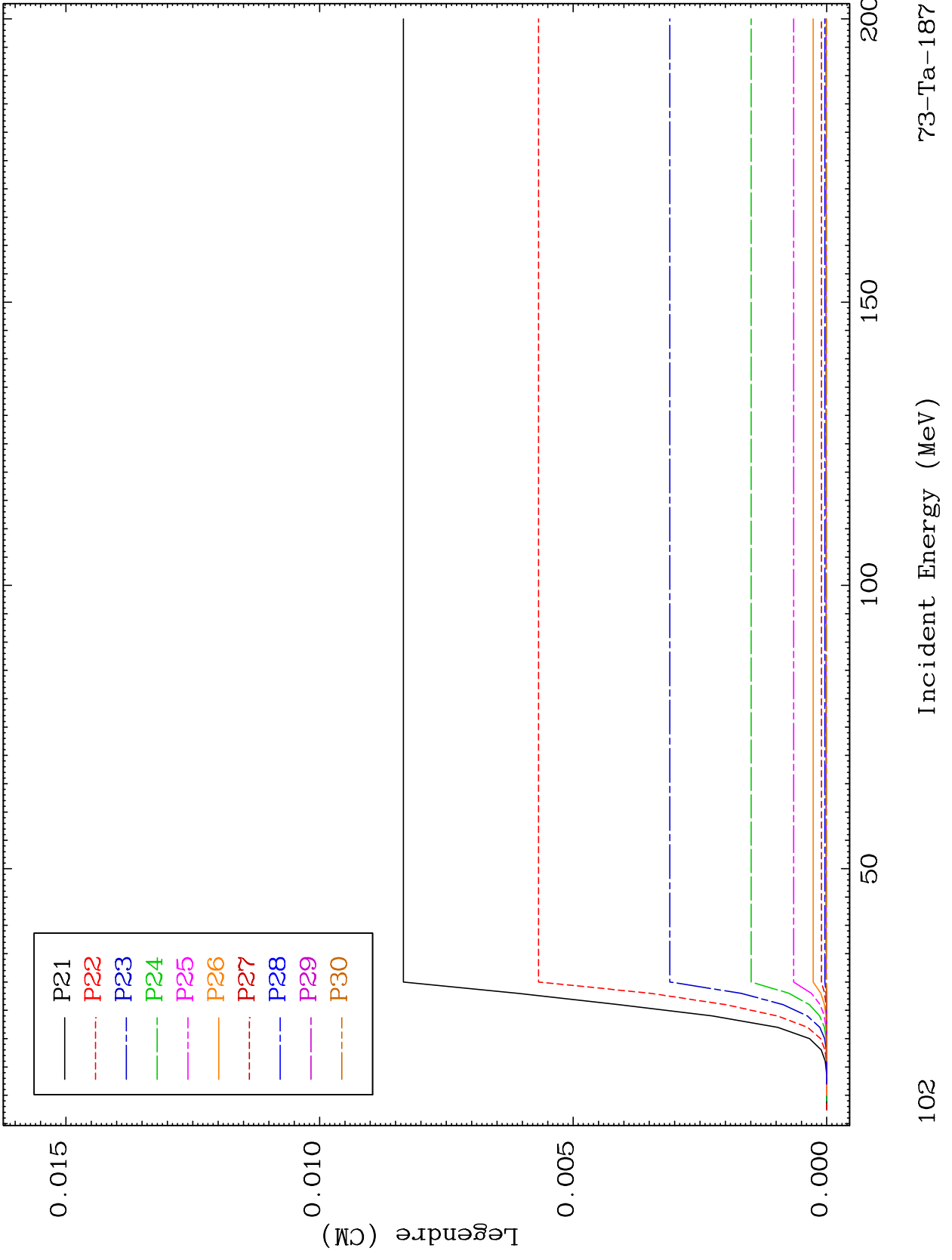




MAT 7346

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

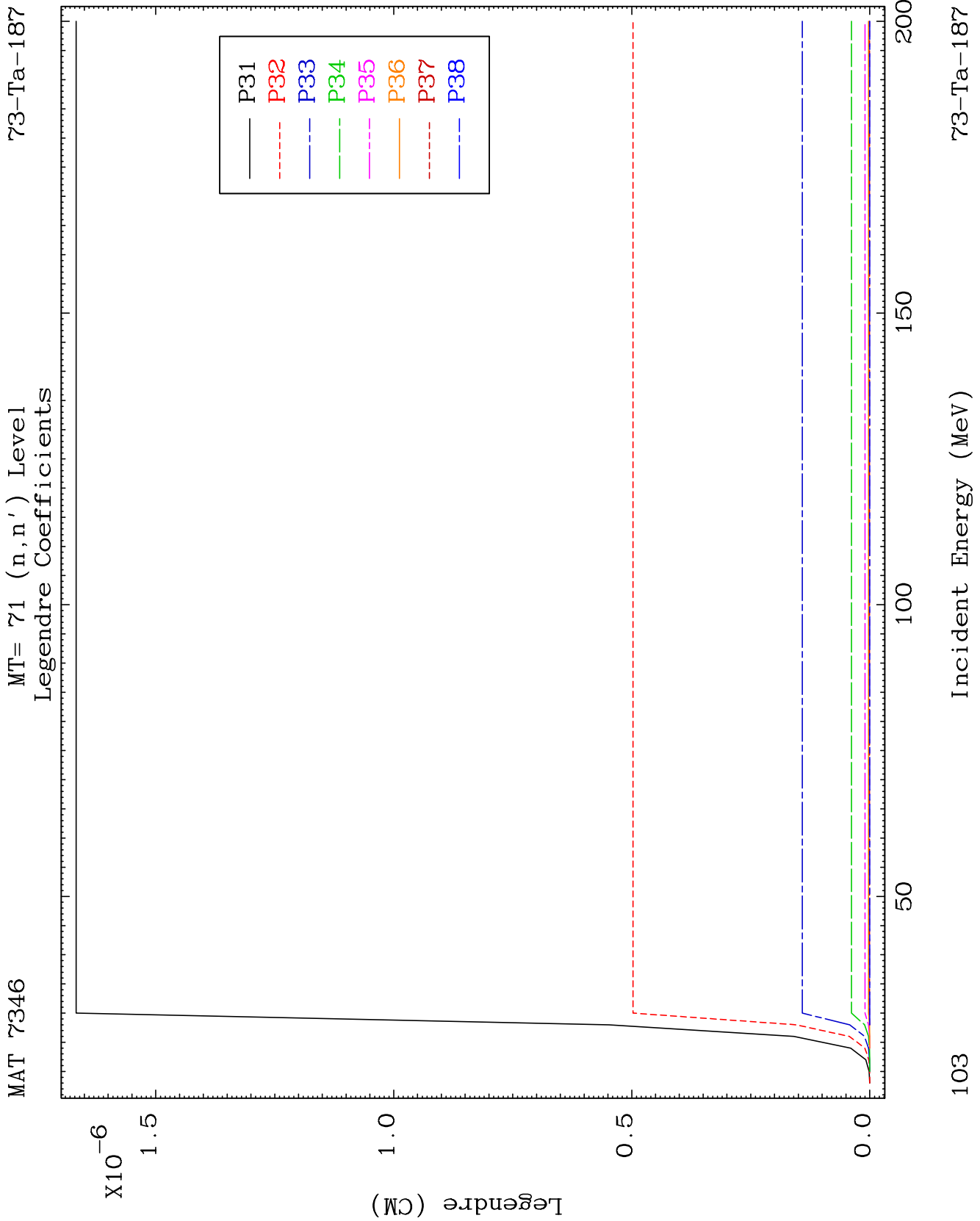
73-Ta-187

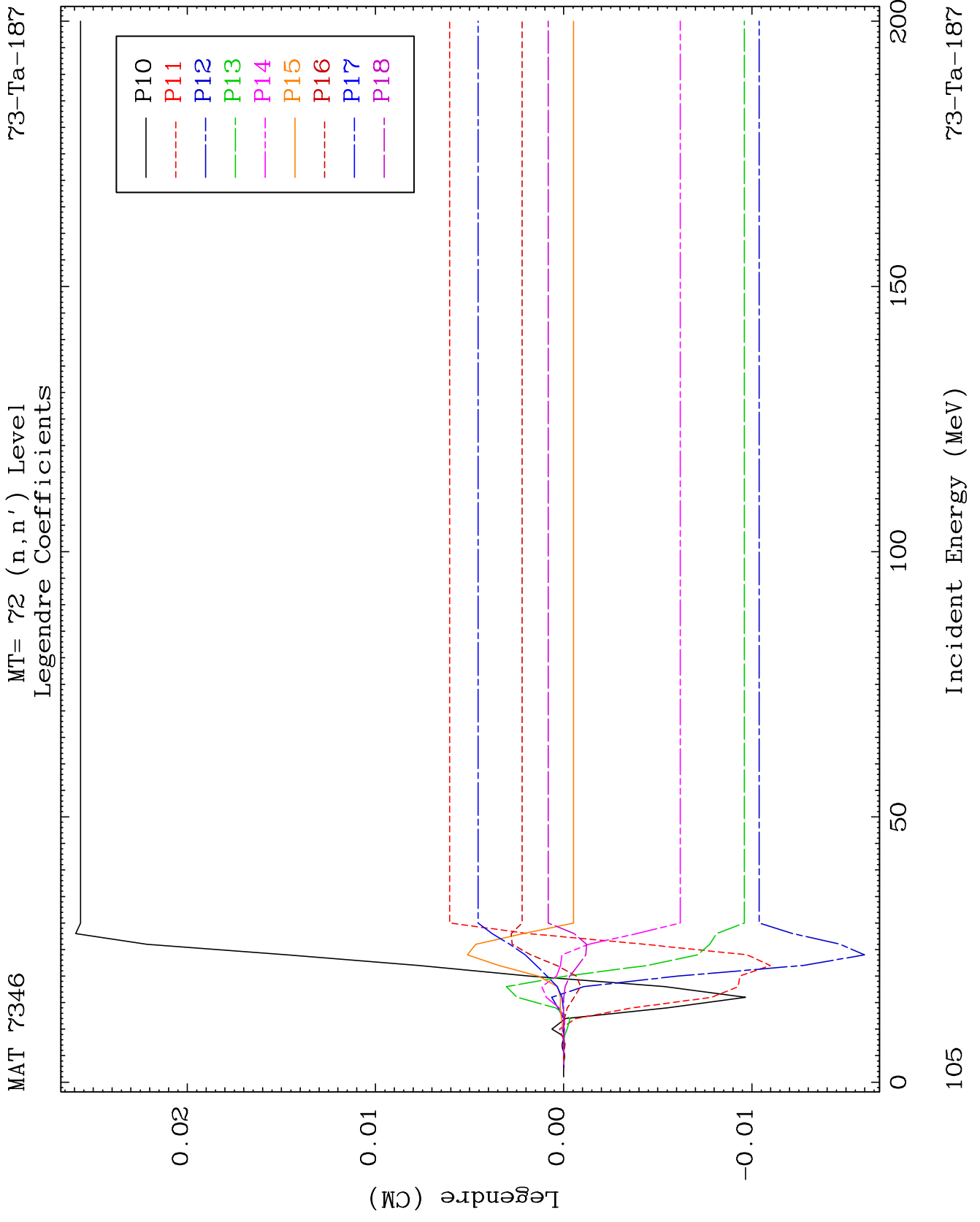


102

Incident Energy (MeV)

73-Ta-187

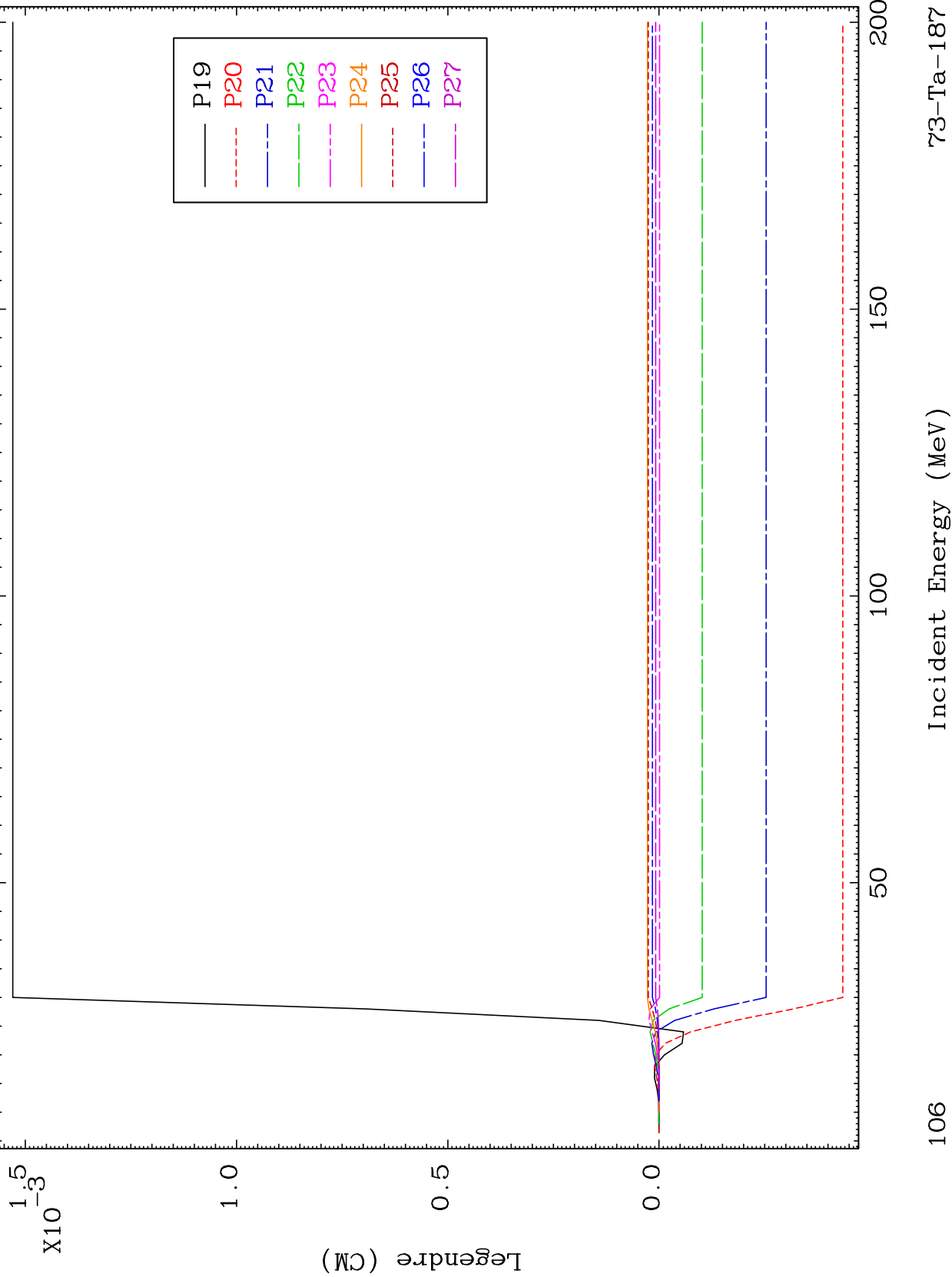




MAT 7346

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

73-Ta-187



106

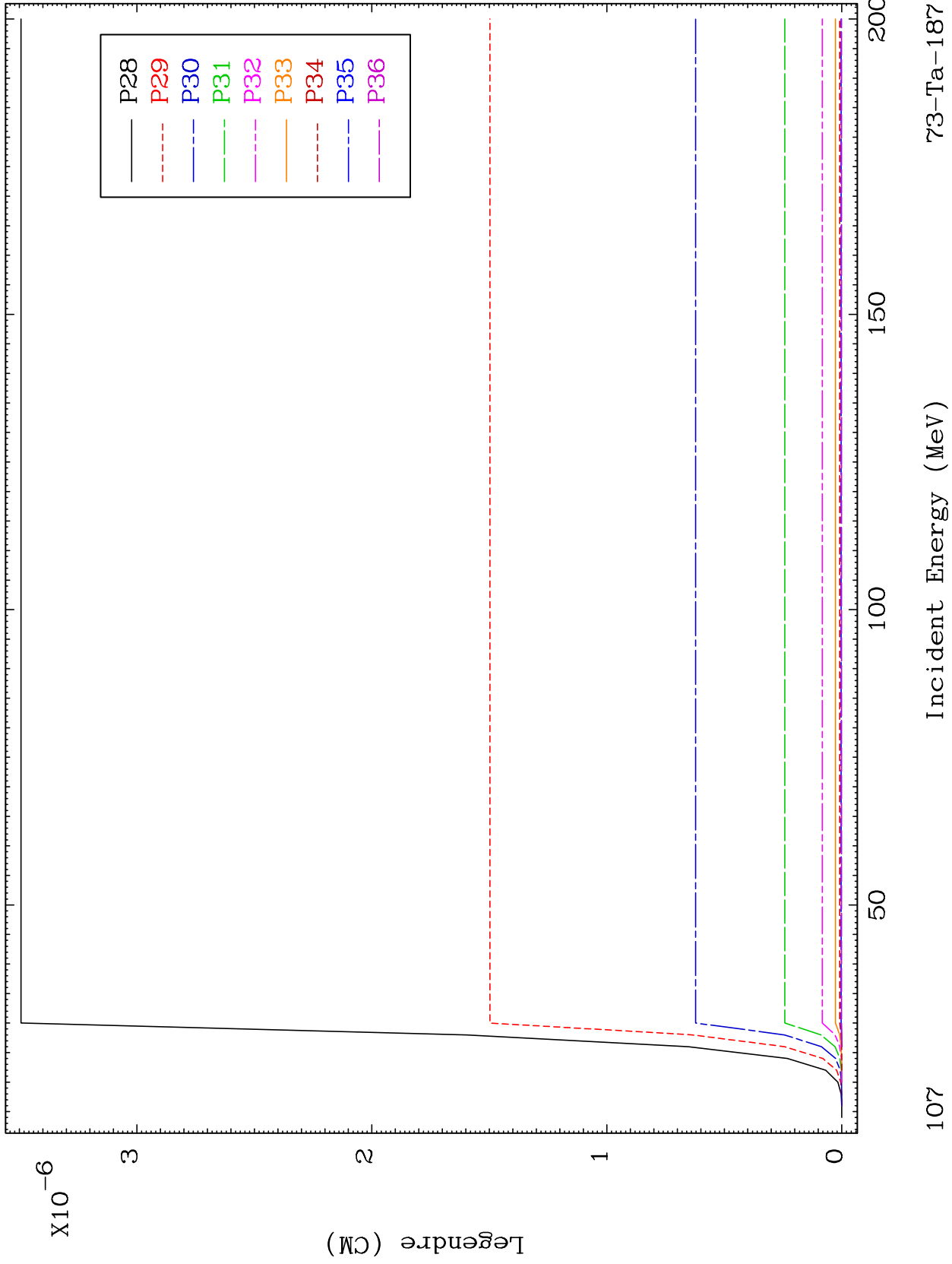
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



107

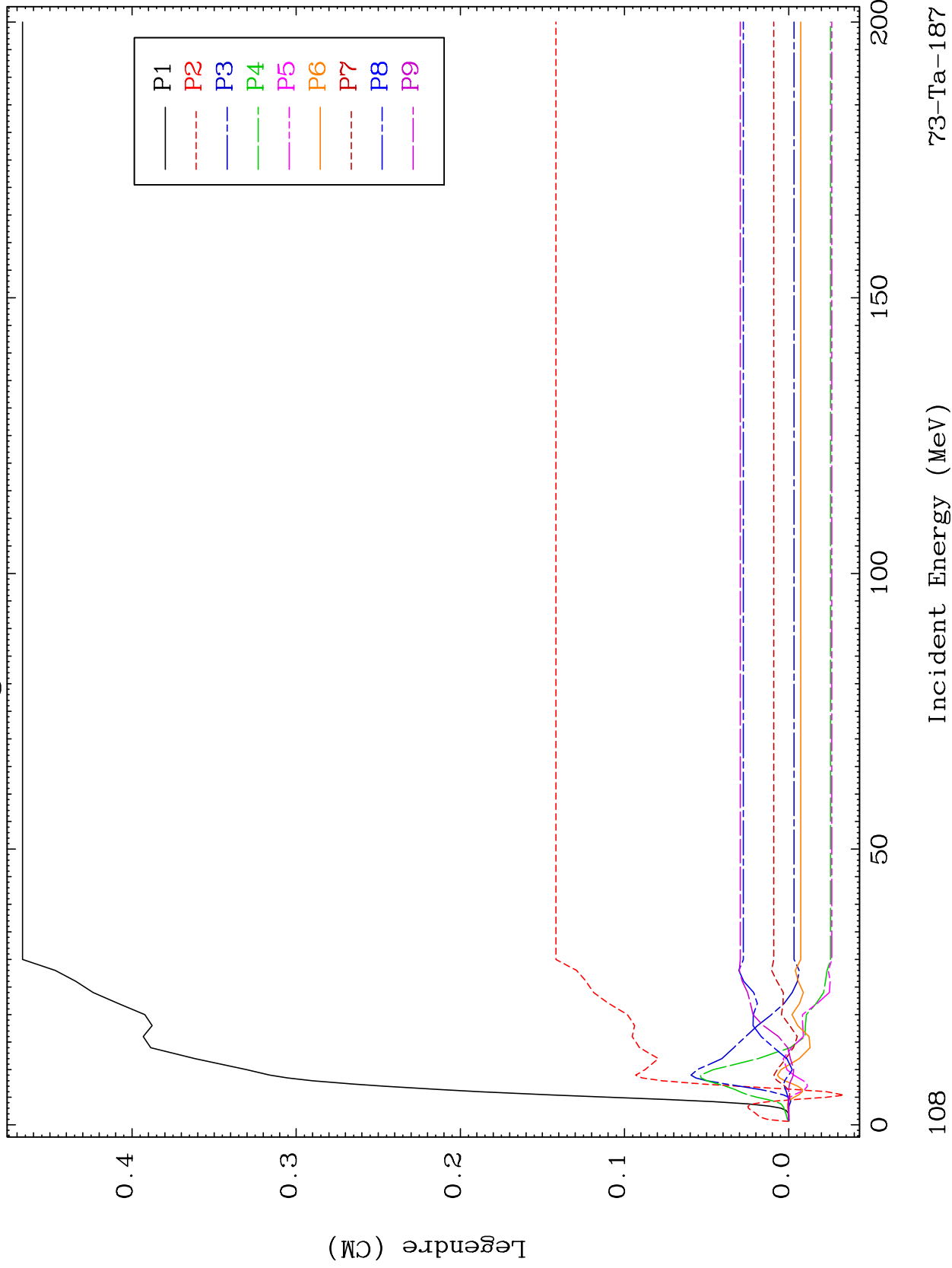
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

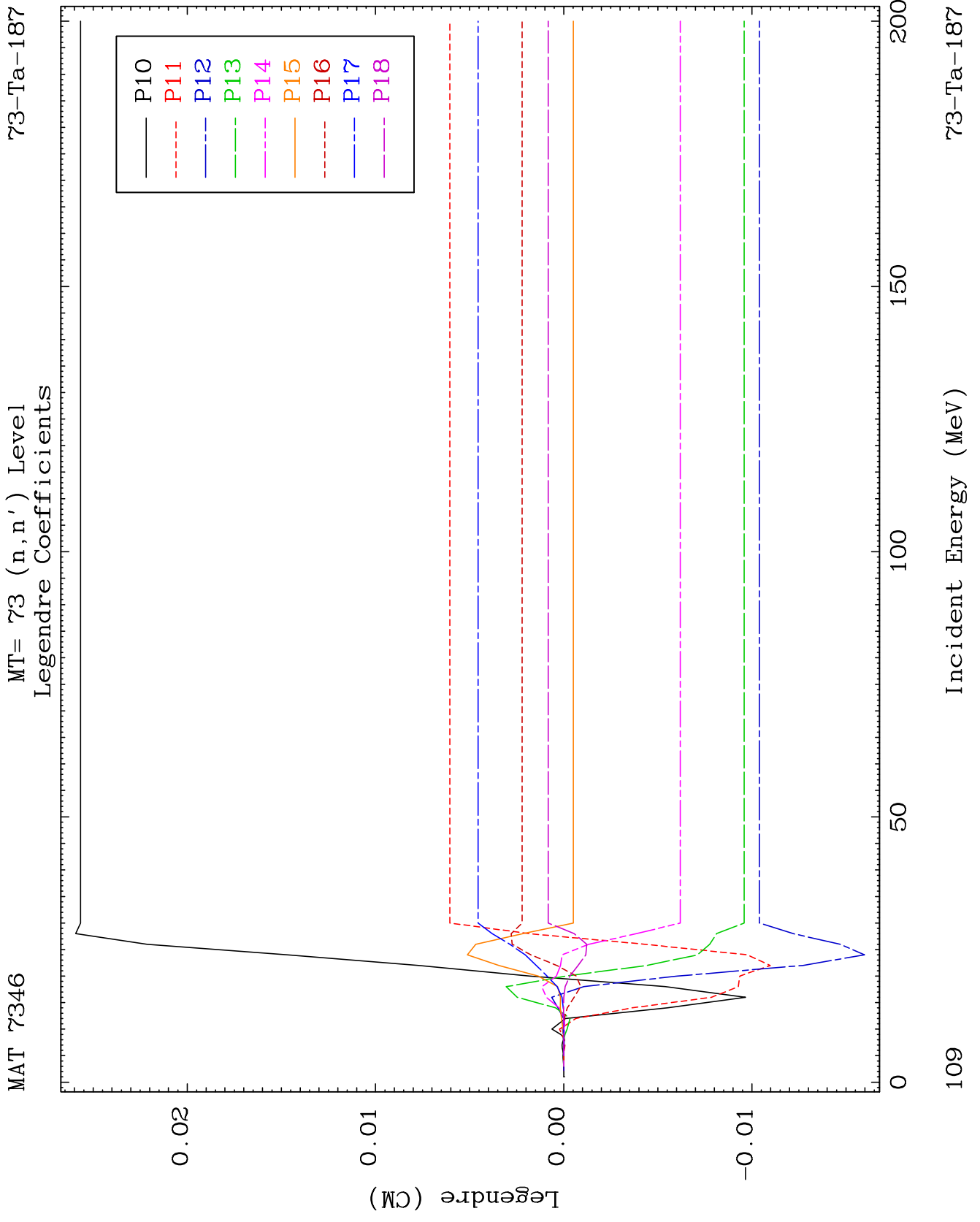
73-Ta-187



73-Ta-187

Incident Energy (MeV)

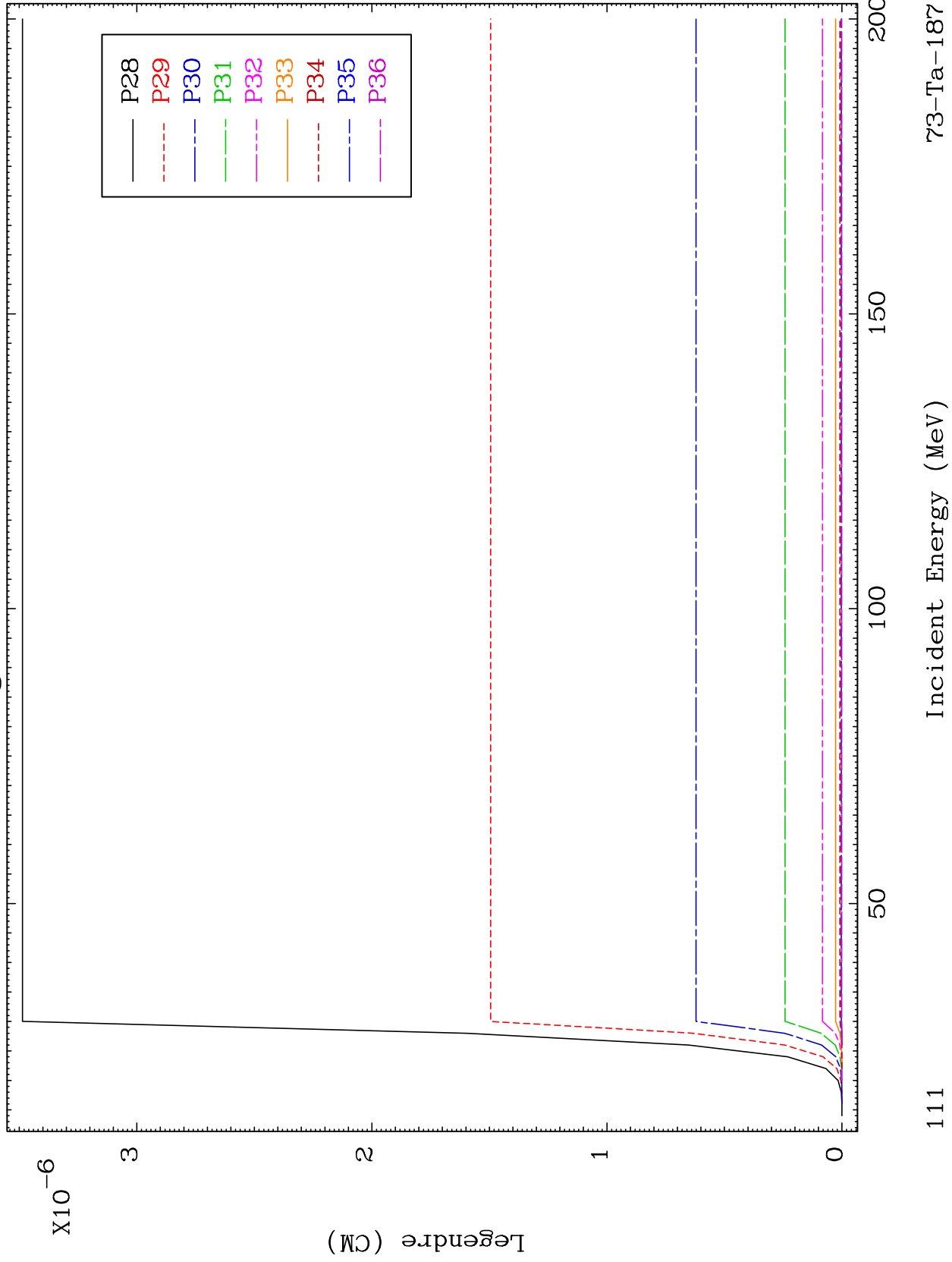
108



MAT 7346

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

73-Ta-187

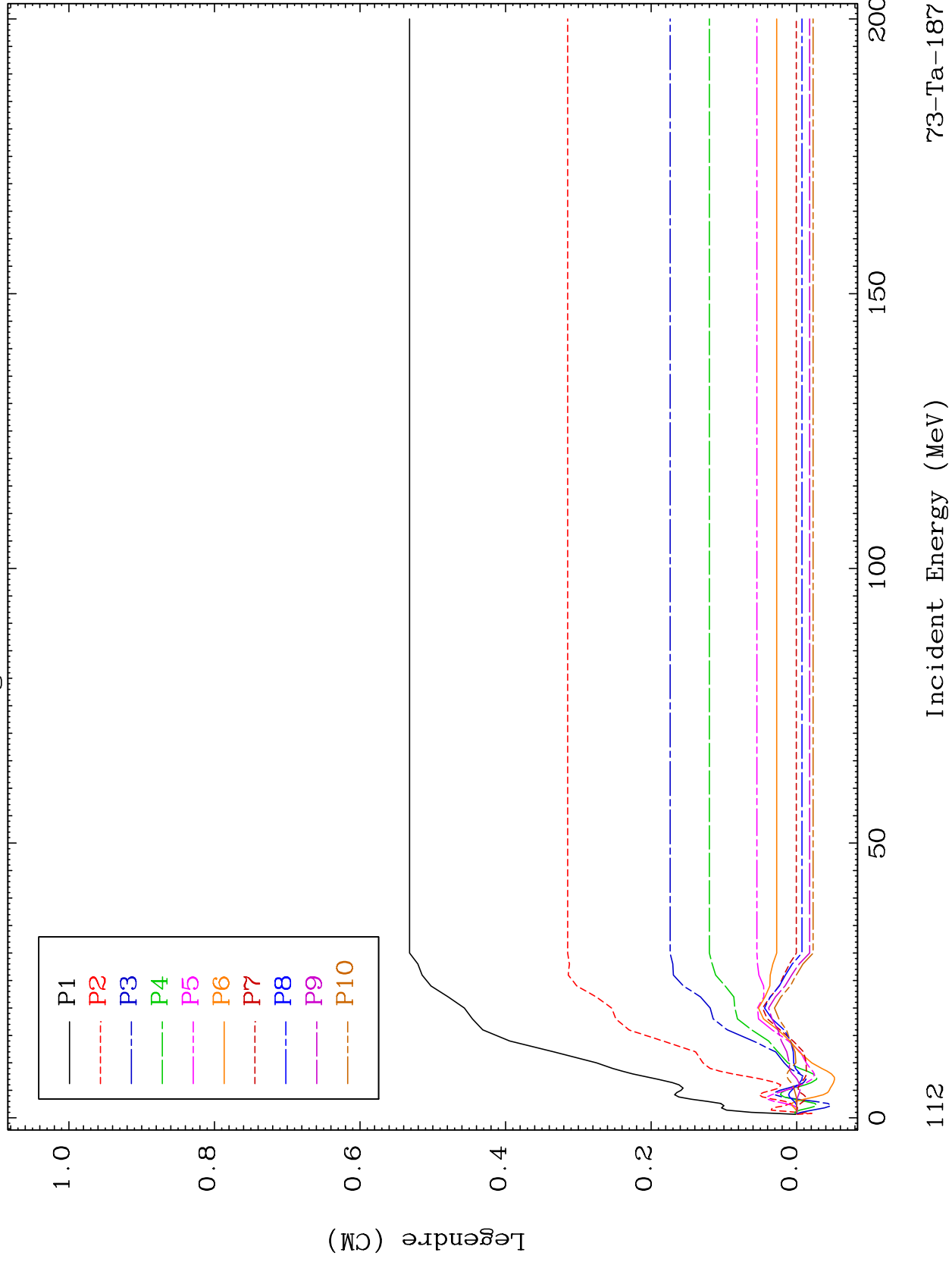


111

MAT 7346

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

⁷³Ta-187



⁷³Ta-187

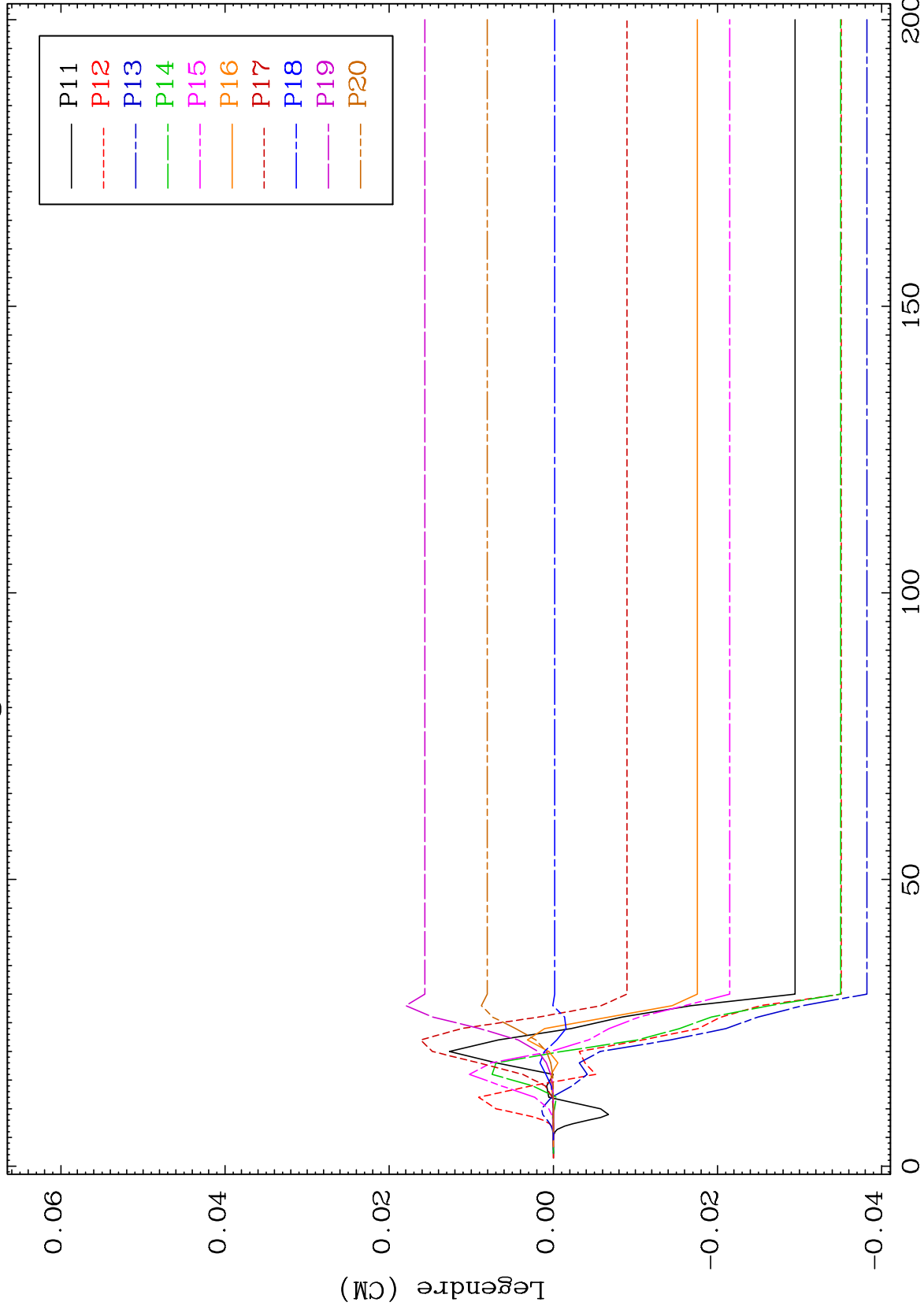
Incident Energy (MeV)

0
112

MAT 7346

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

73-Ta-187



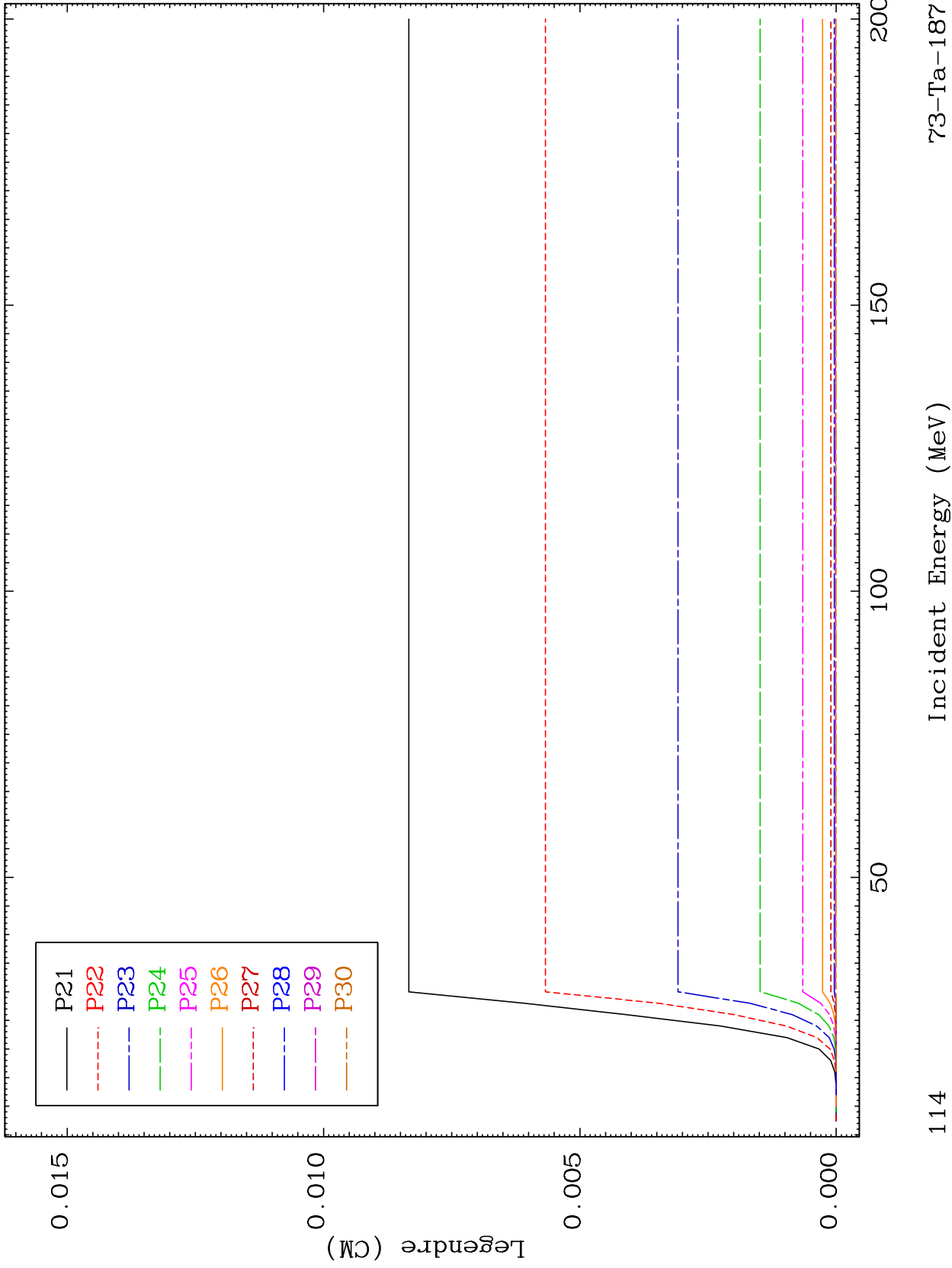
113

73-Ta-187

MAT 7346

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

73-Ta-187

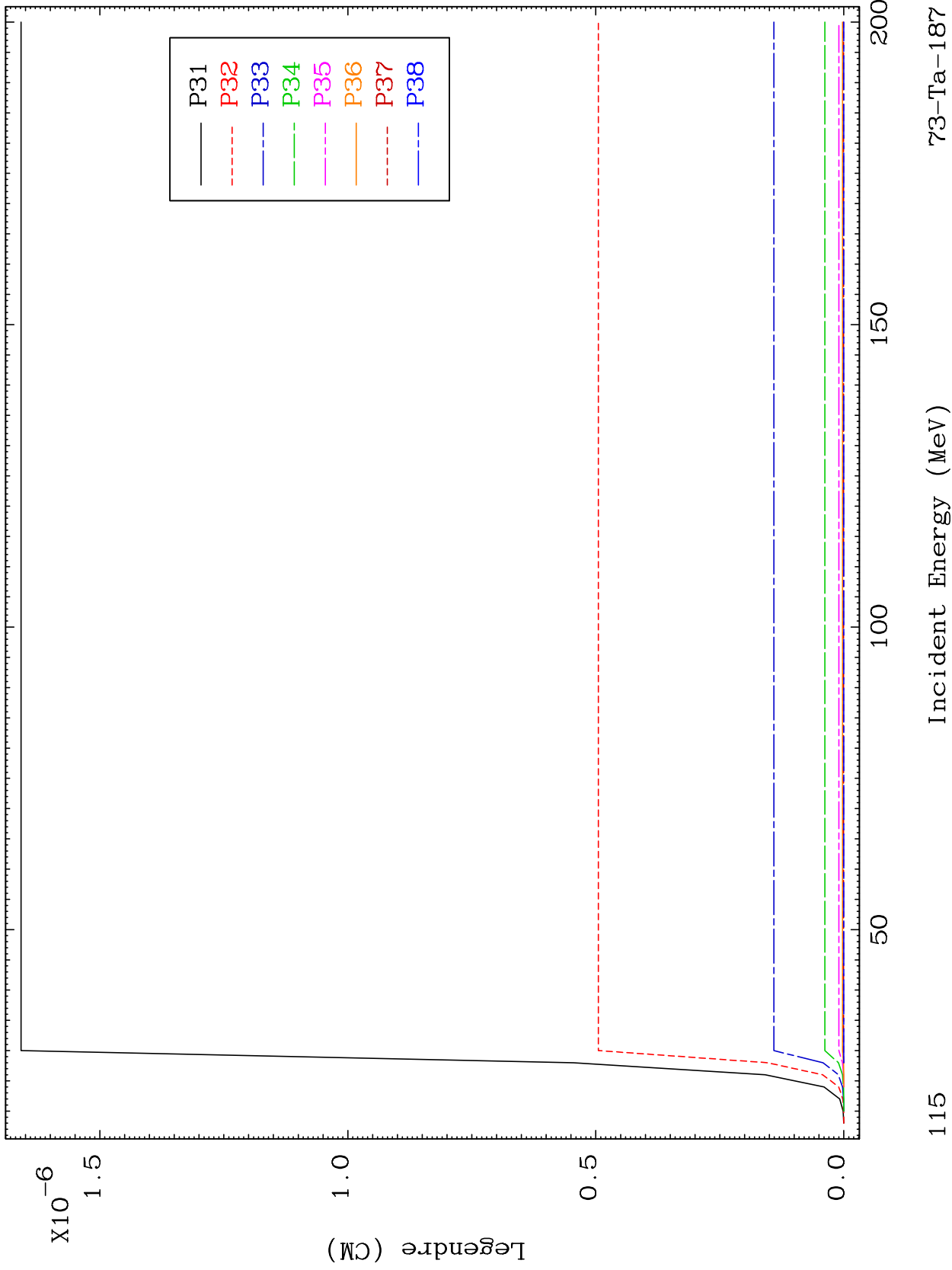


114

MAT 7346

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

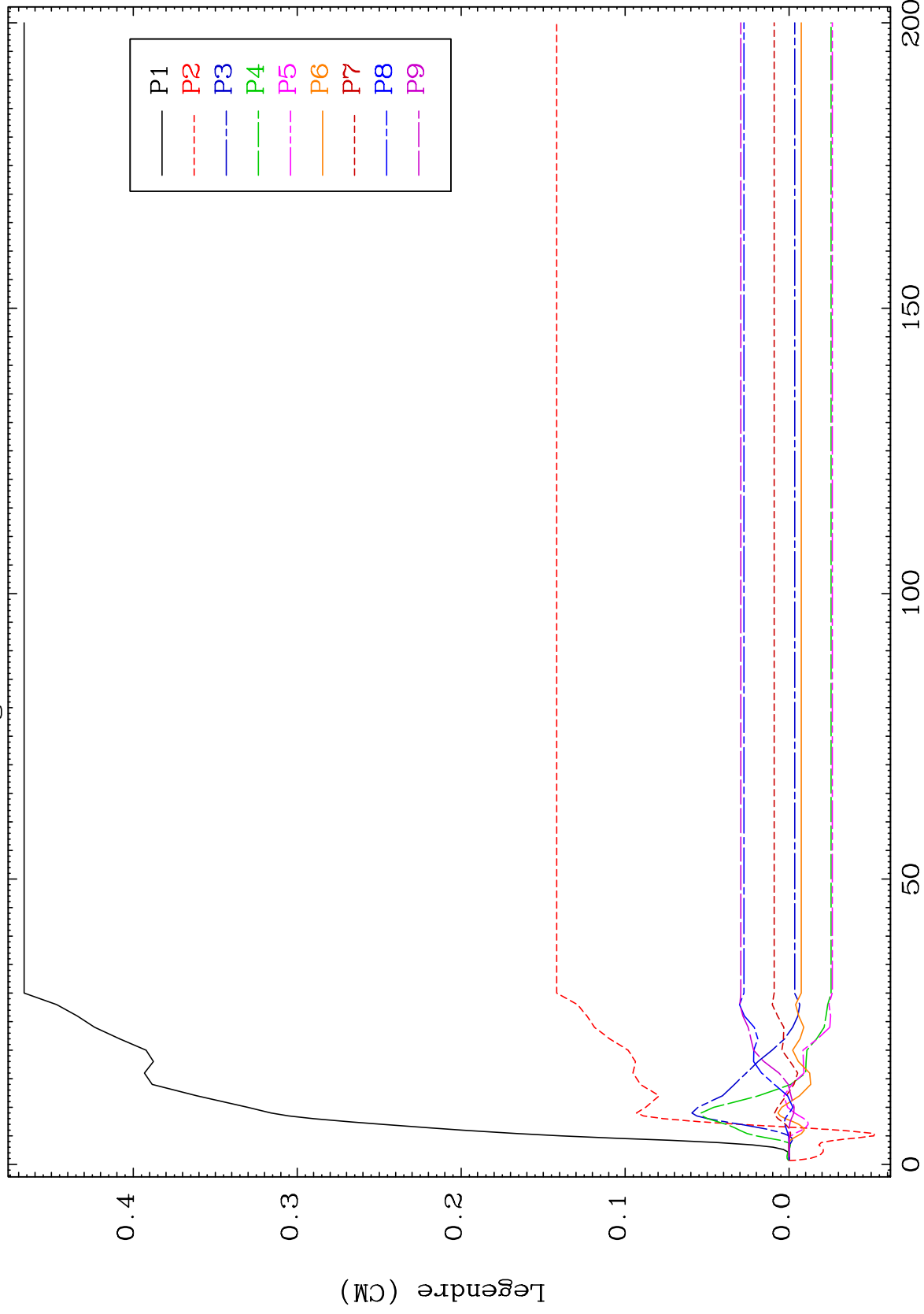
73-Ta-187



MAT 7346

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

73-Ta-187



116

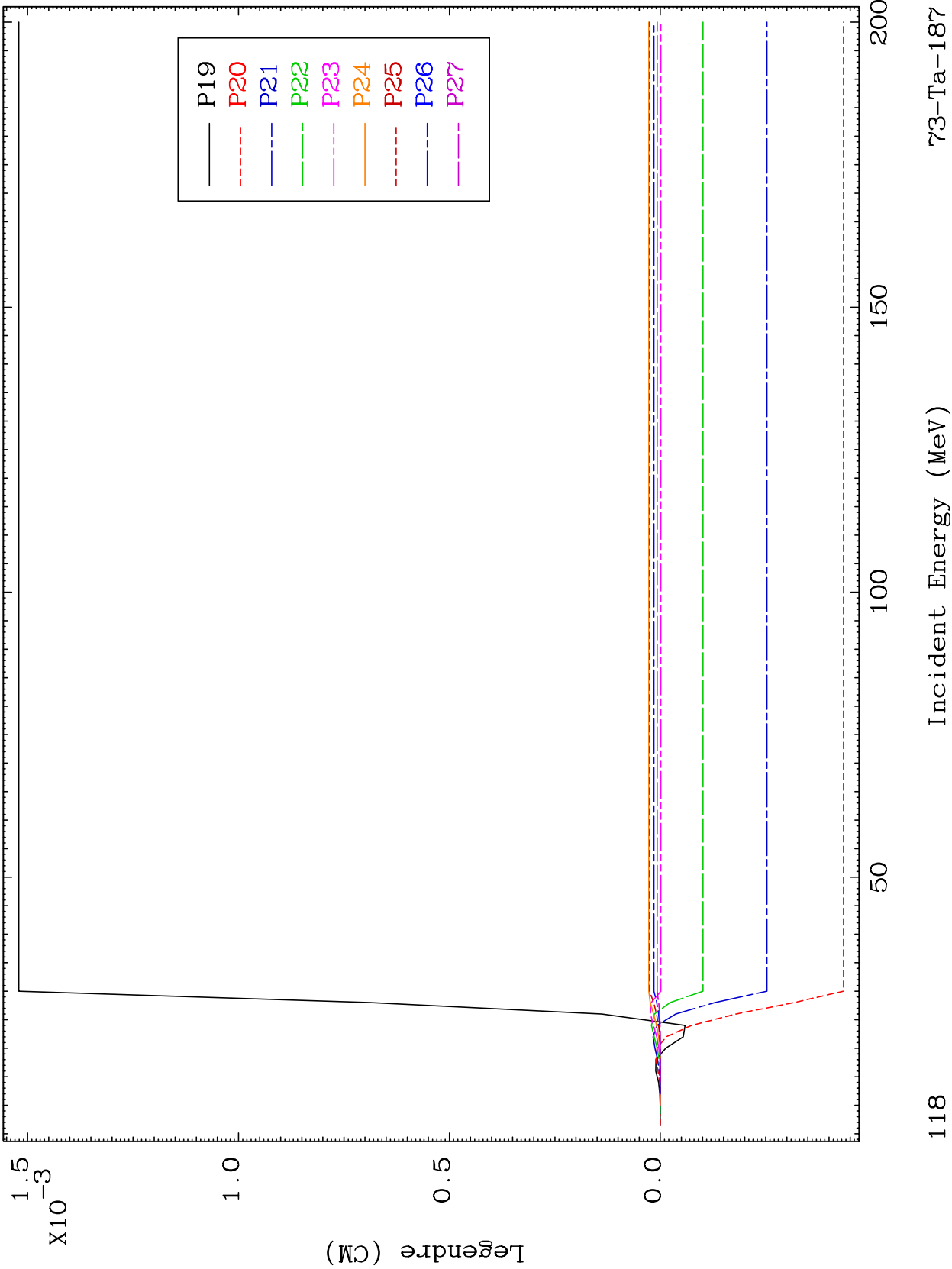
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



118

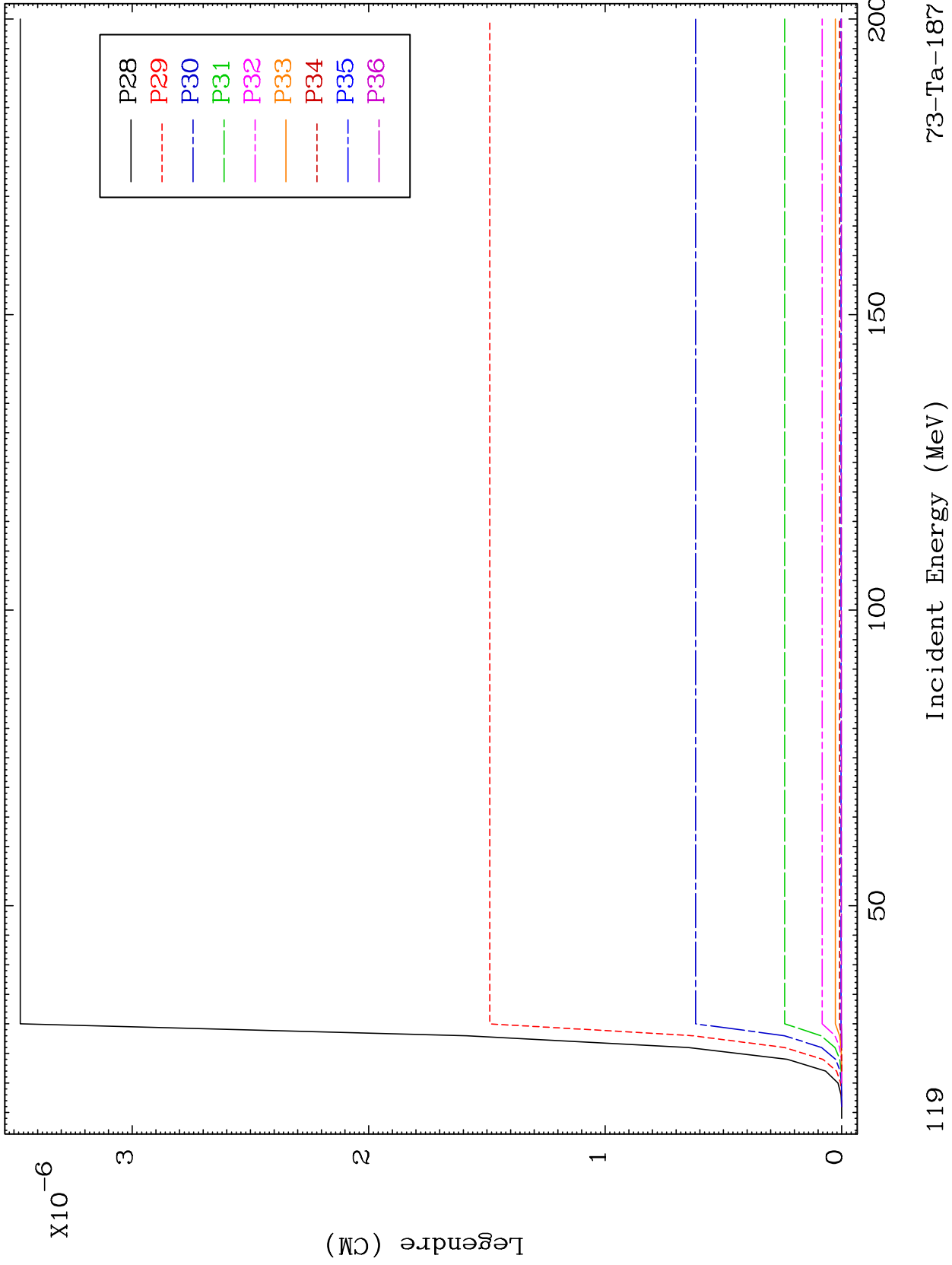
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



119

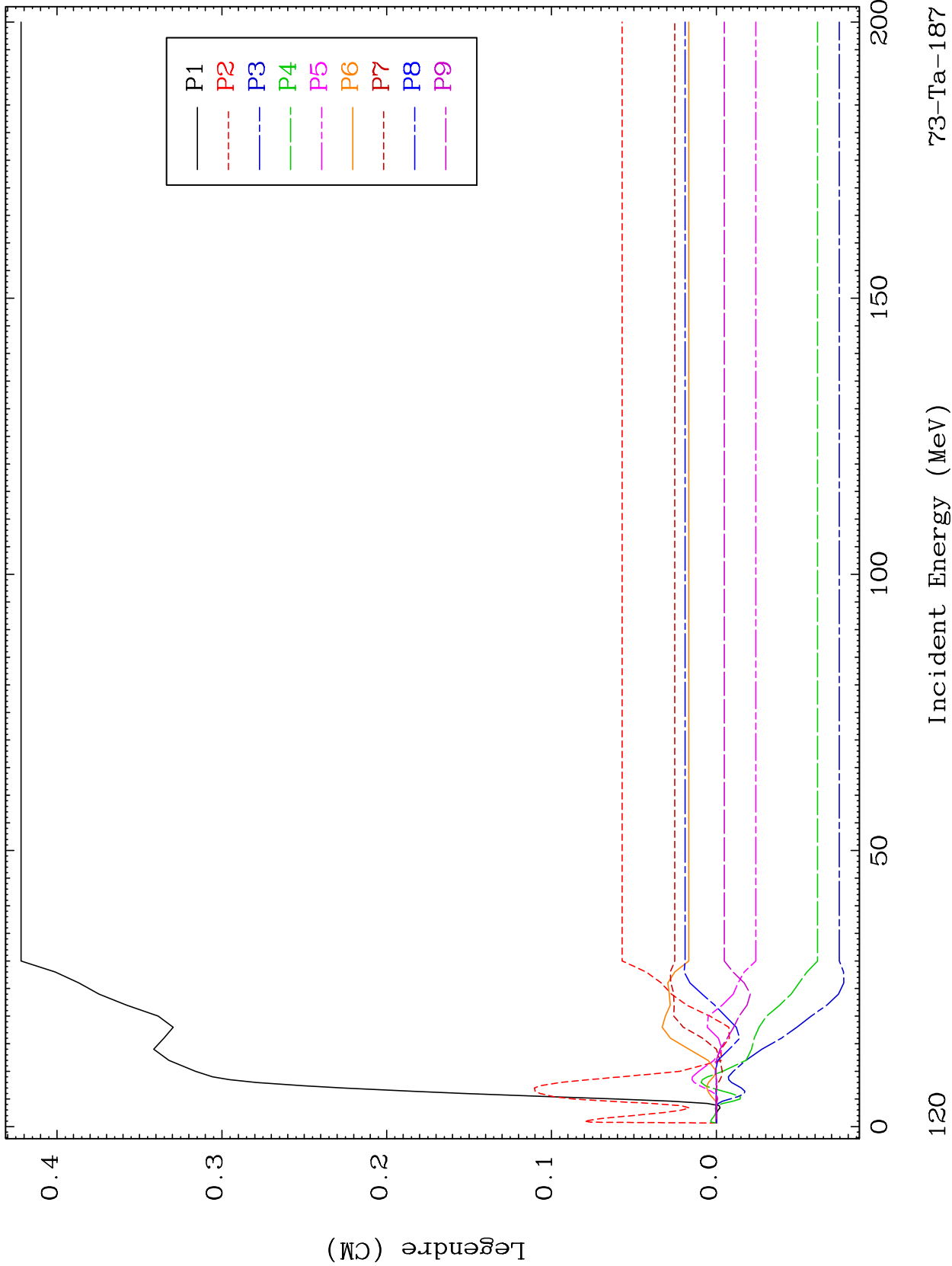
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

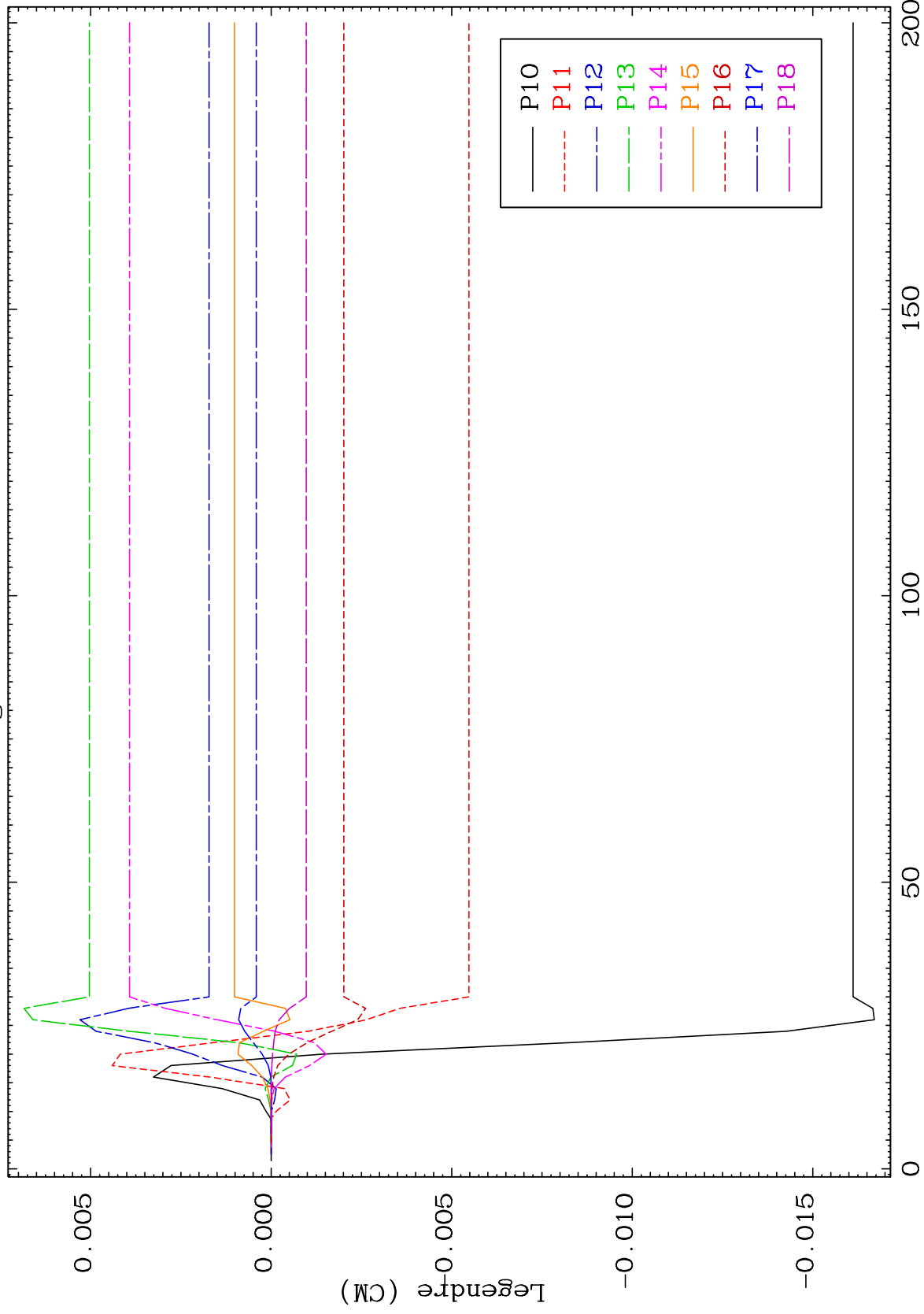
73-Ta-187



MAT 7346

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

73-Ta-187



121

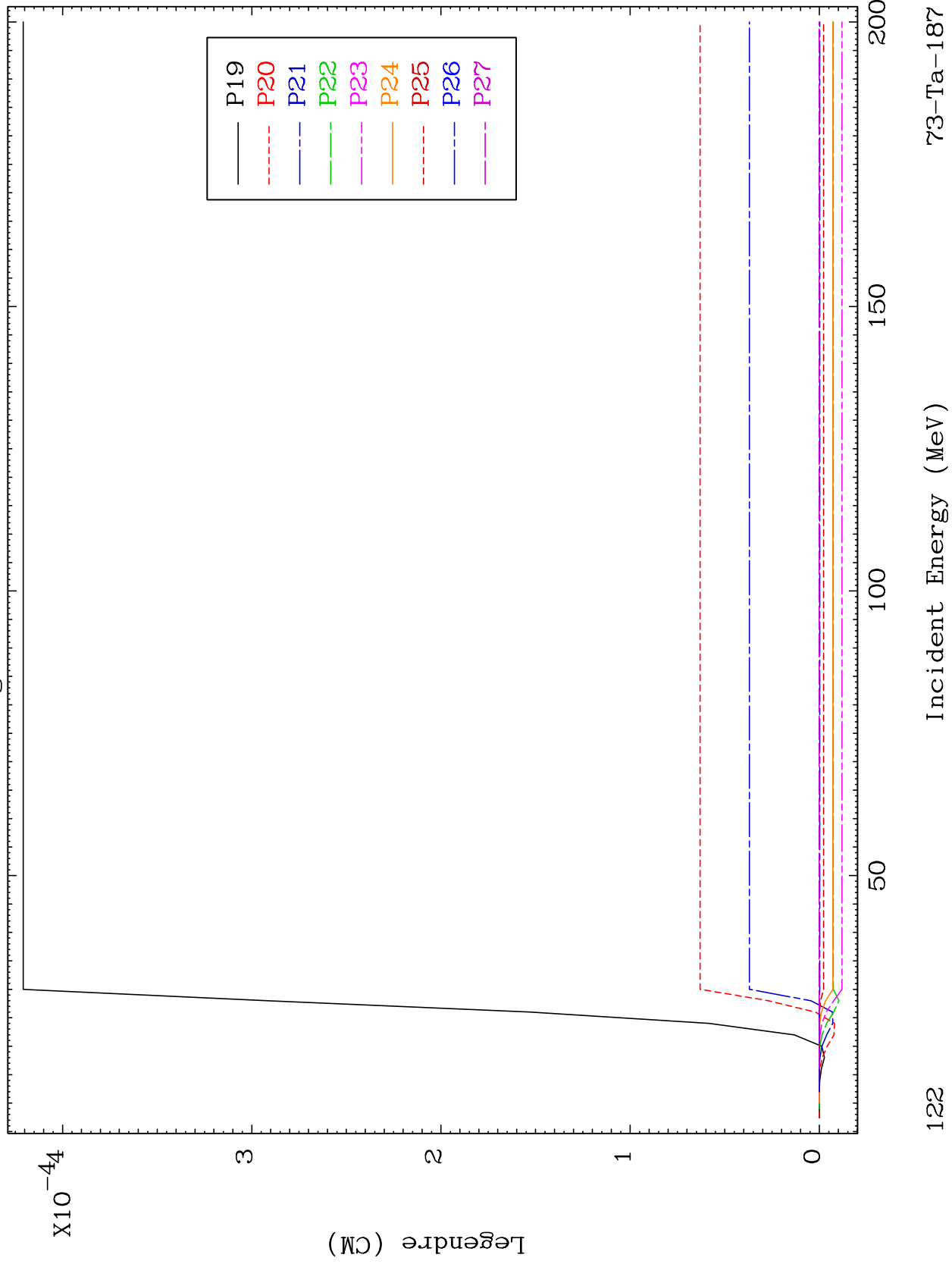
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187

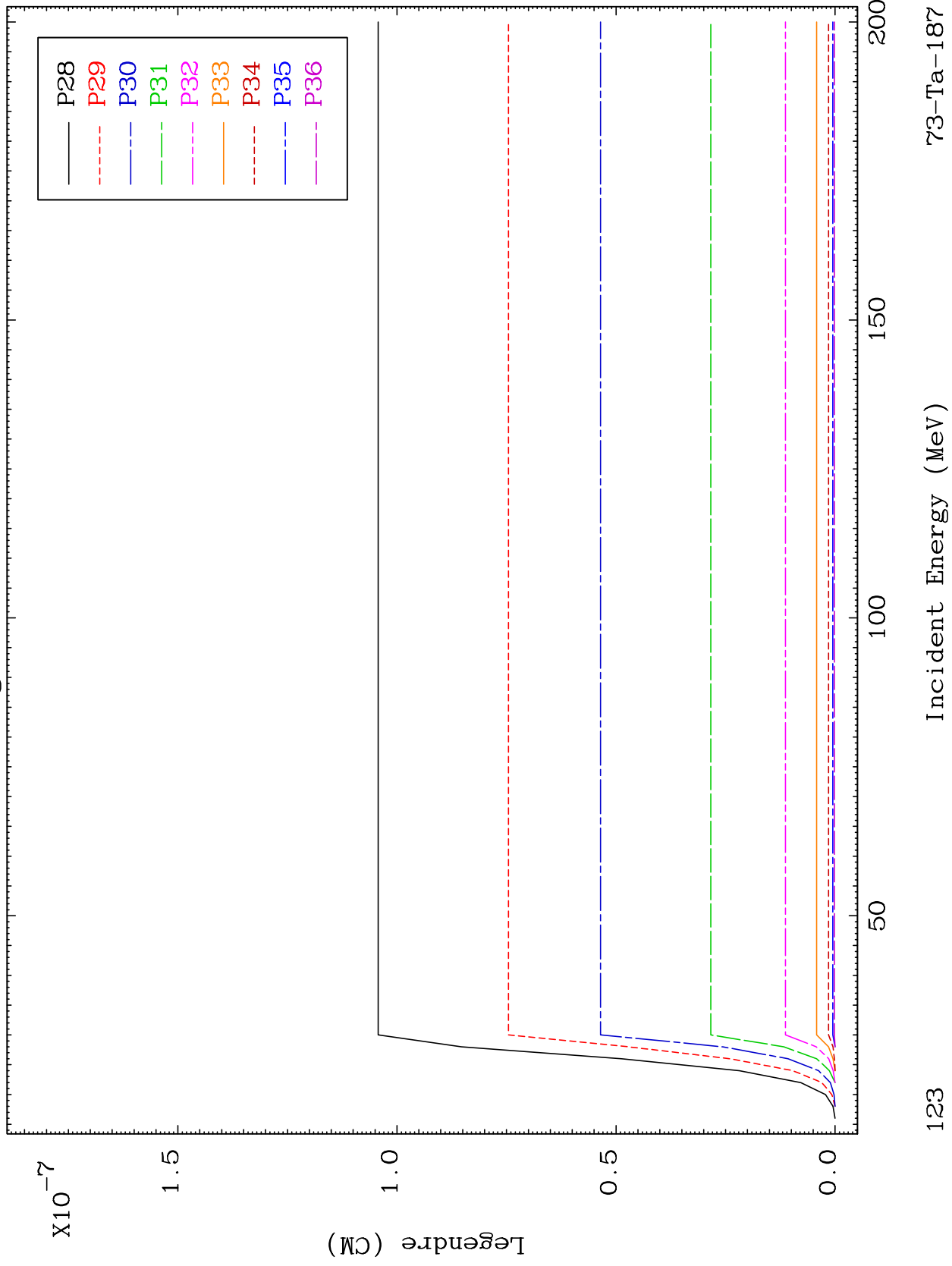


122

MAT 7346

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

73-Ta-187



123

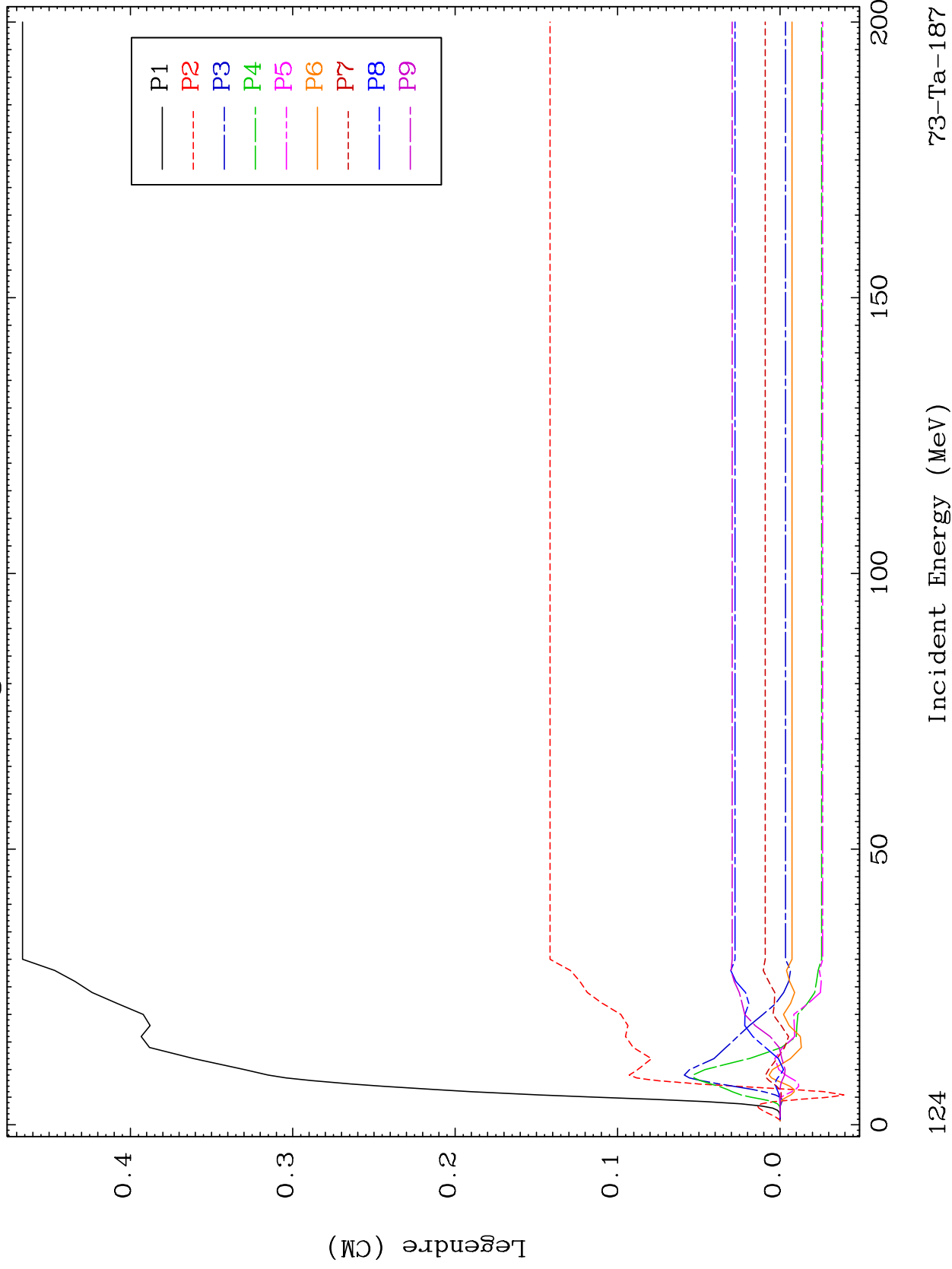
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



124

Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



126

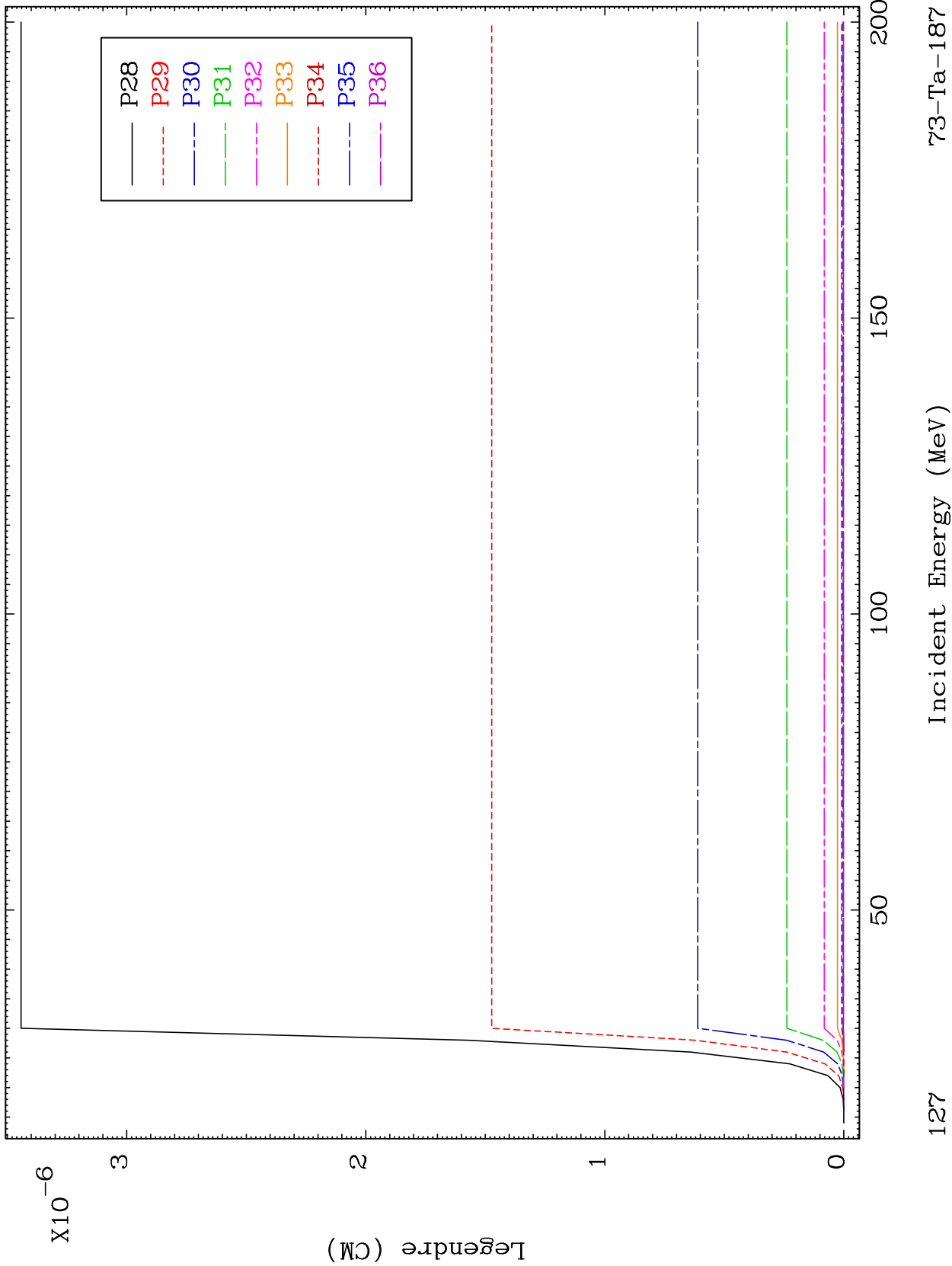
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



127

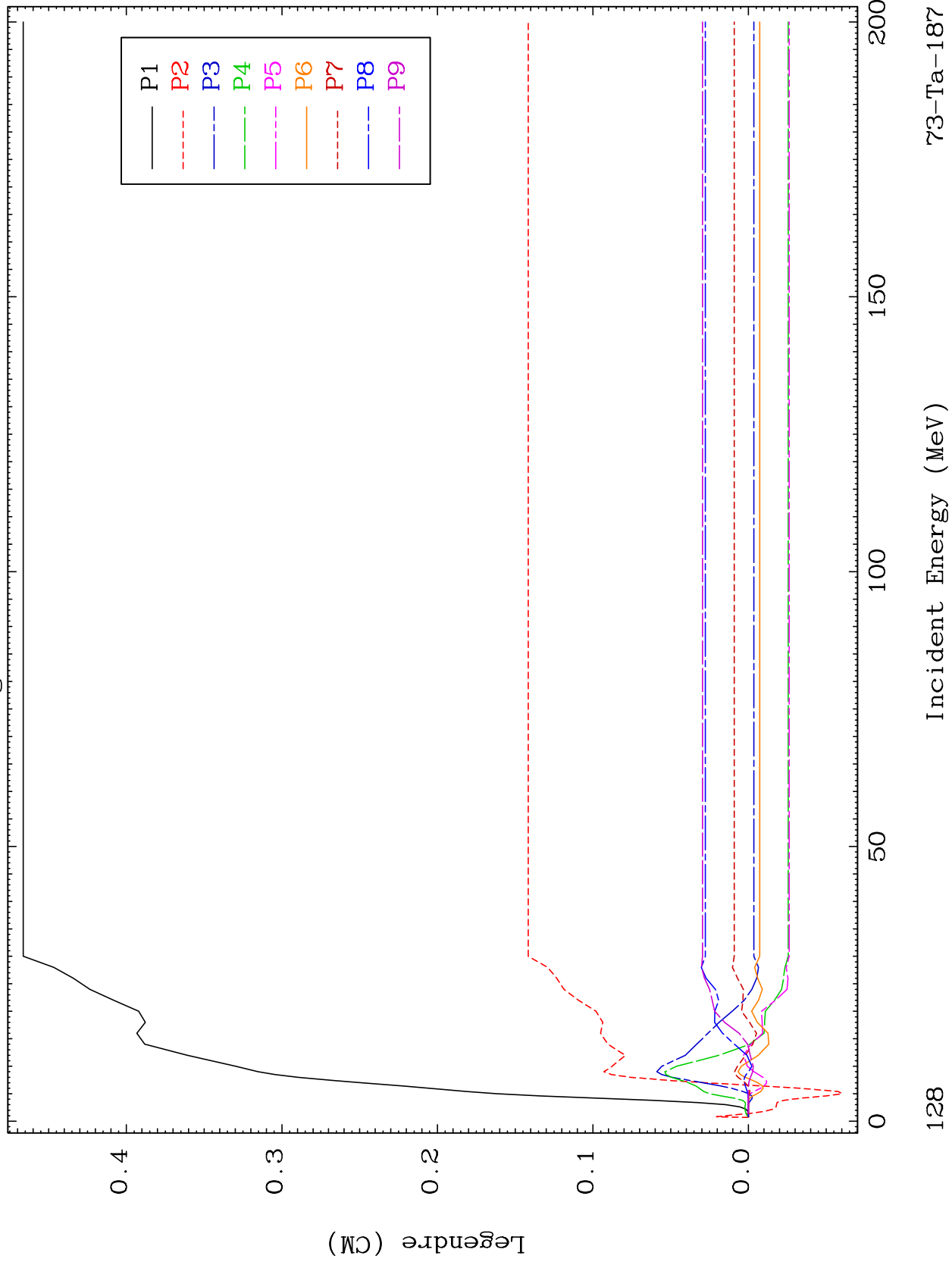
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

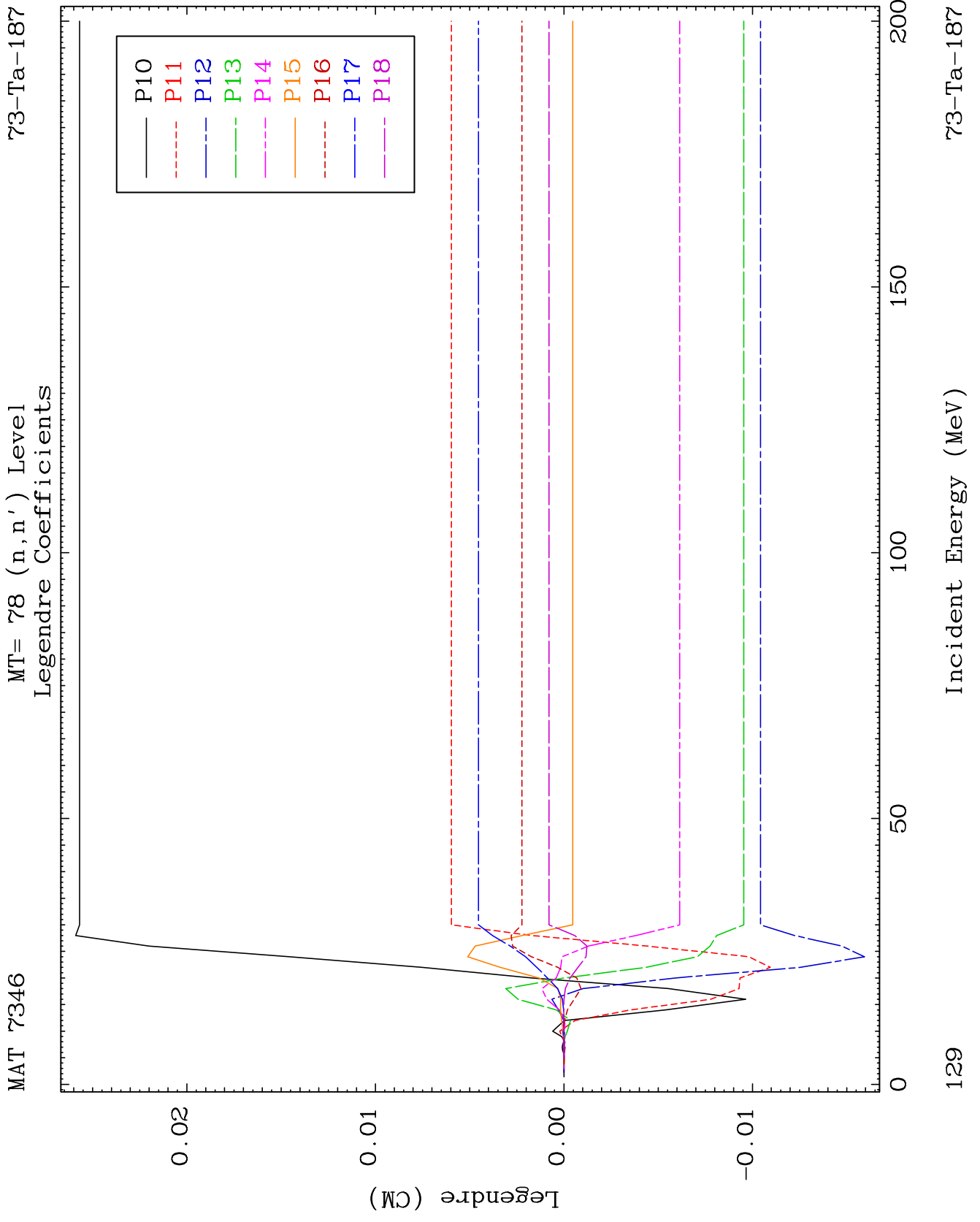
73-Ta-187



73-Ta-187

Incident Energy (MeV)

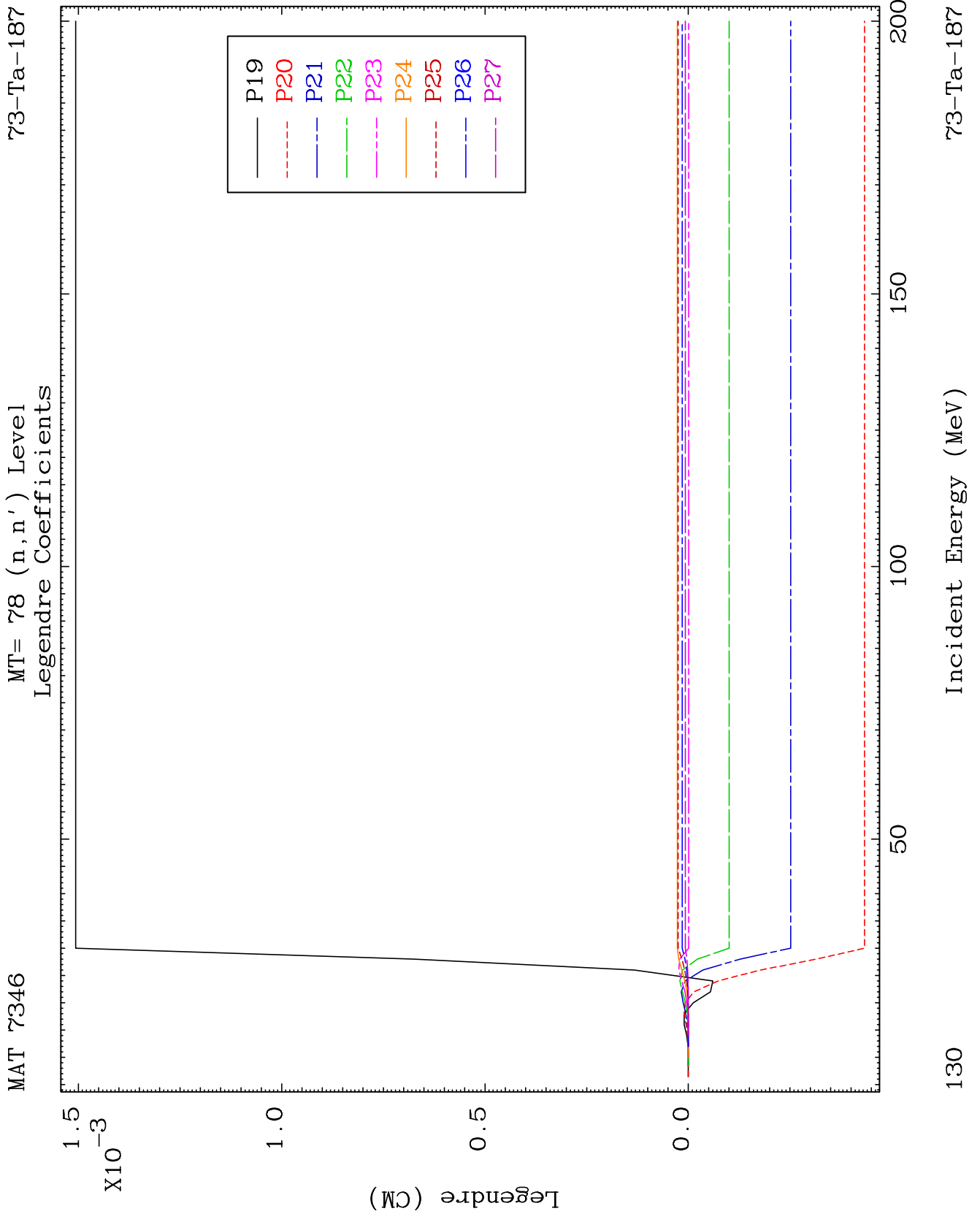
128



73-Ta-187

Incident Energy (MeV)

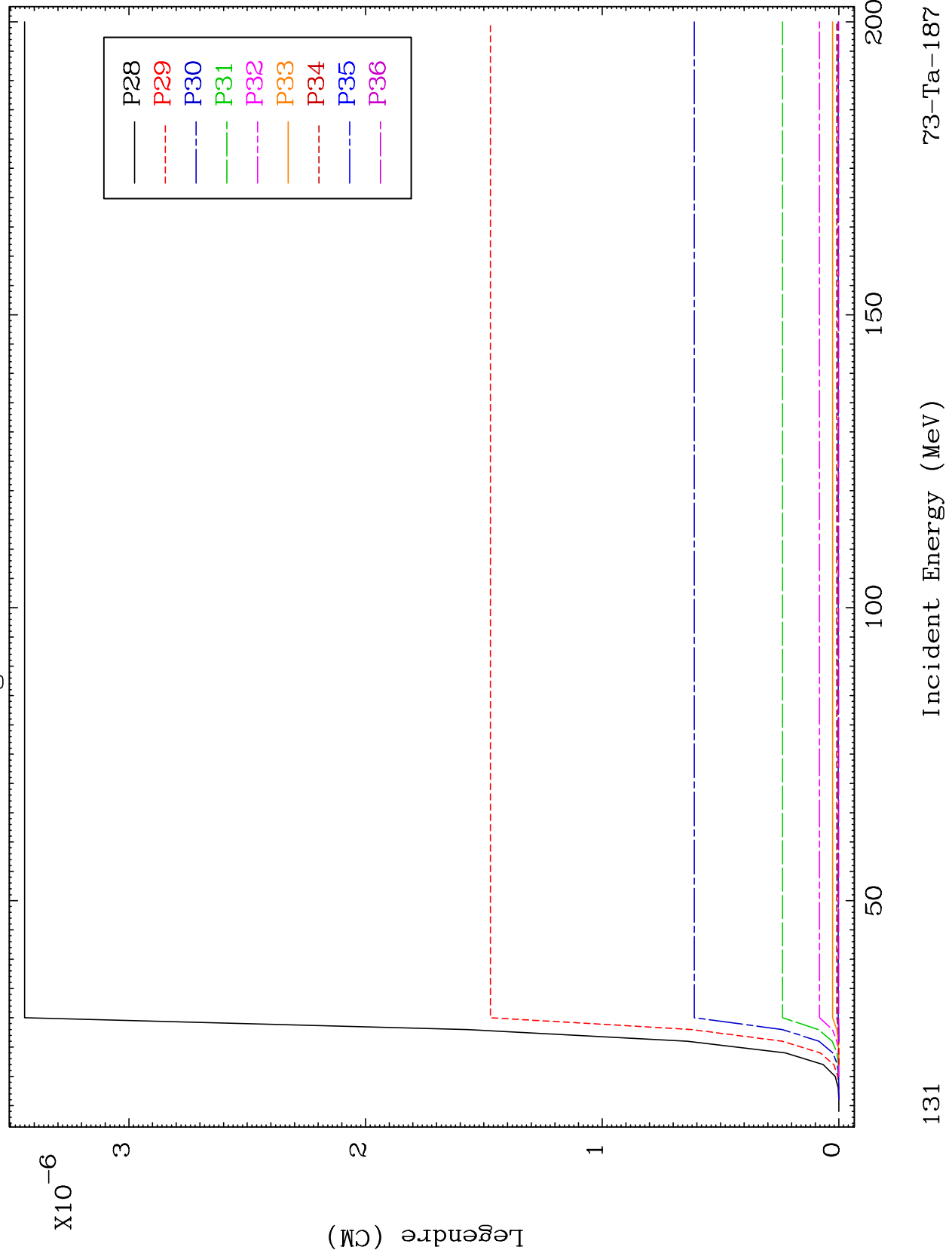
129



MAT 7346

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

73-Ta-187



131

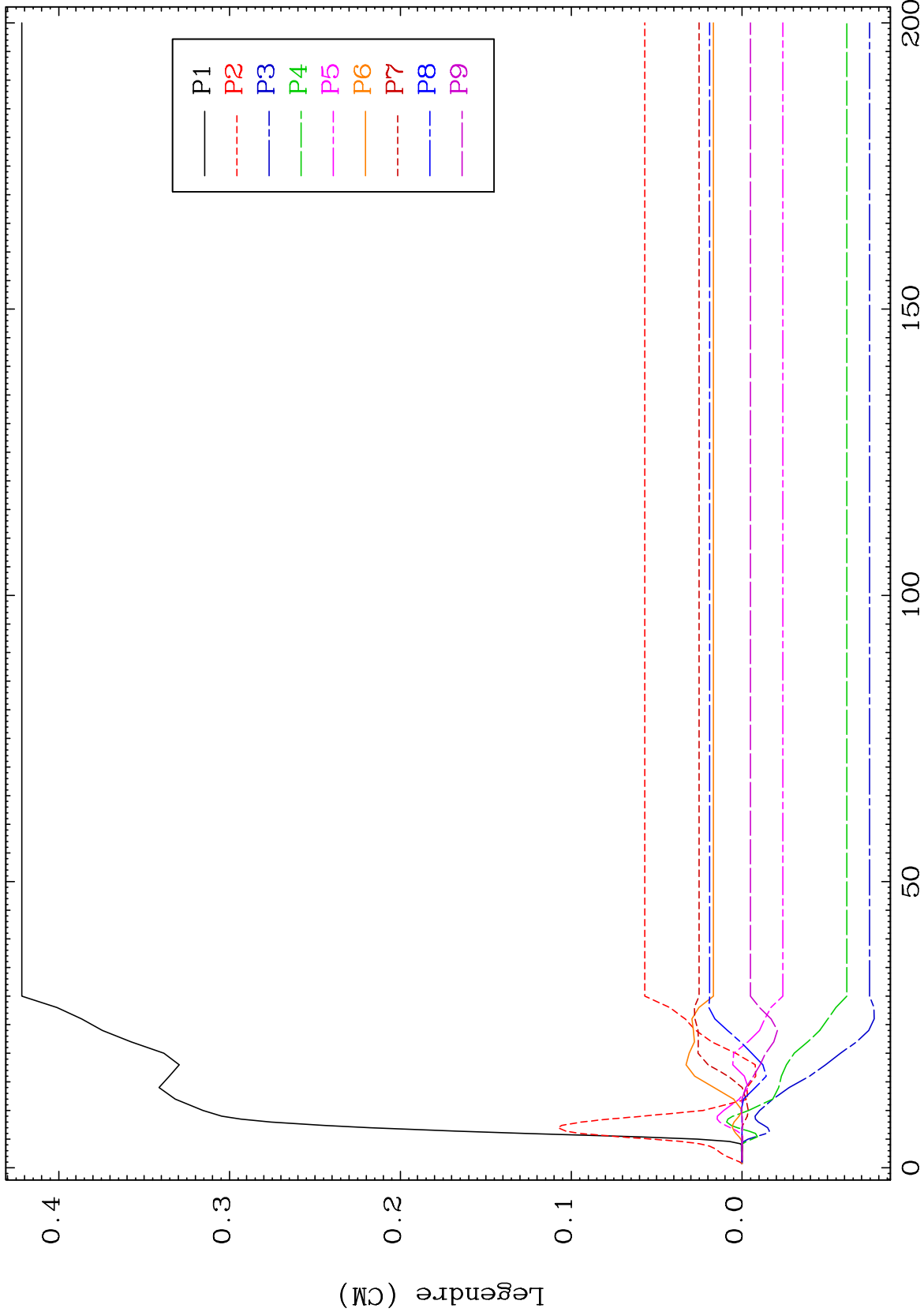
Incident Energy (MeV)

73-Ta-187

MAT 7346

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

73-Ta-187



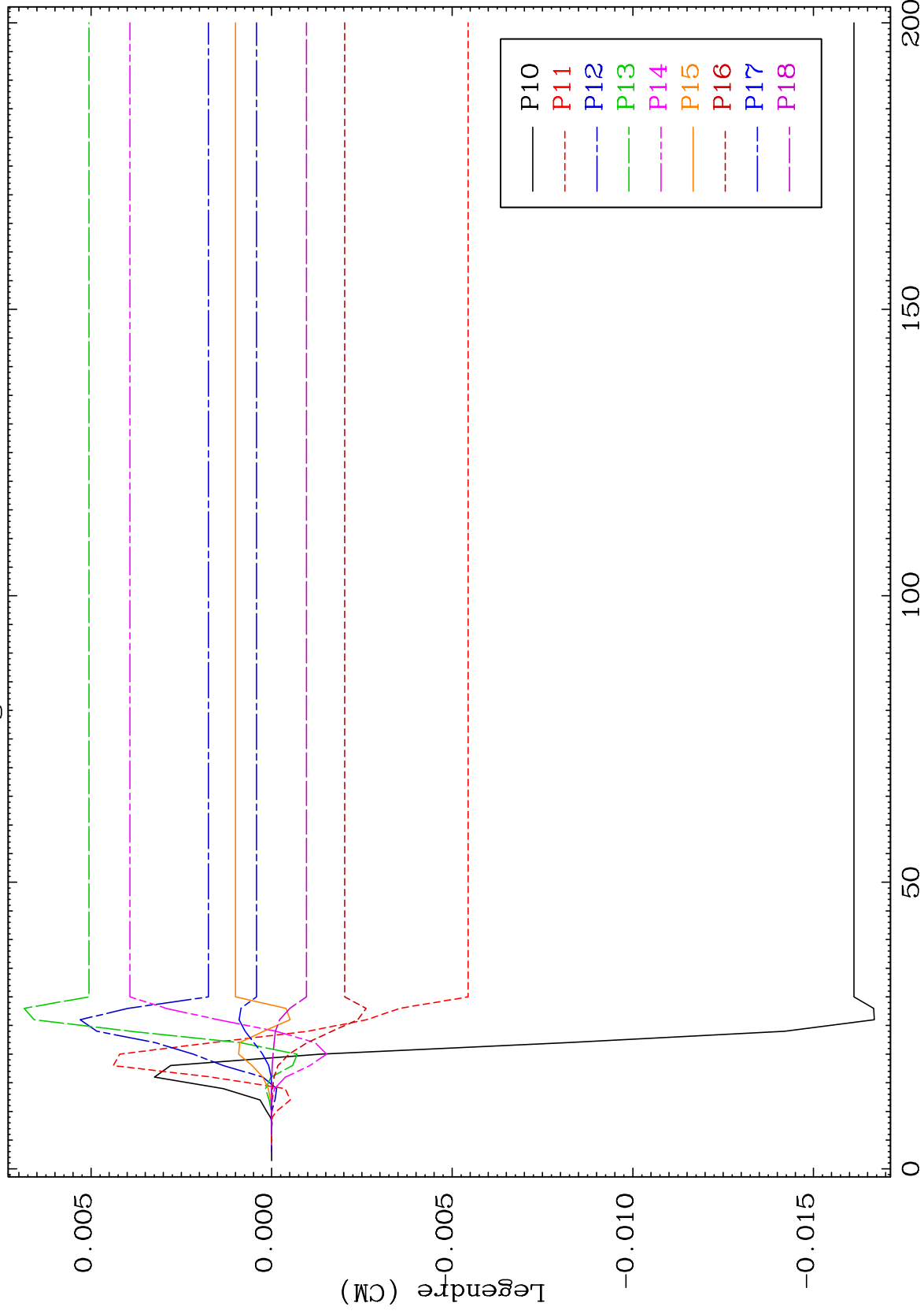
132

73-Ta-187

MAT 7346

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

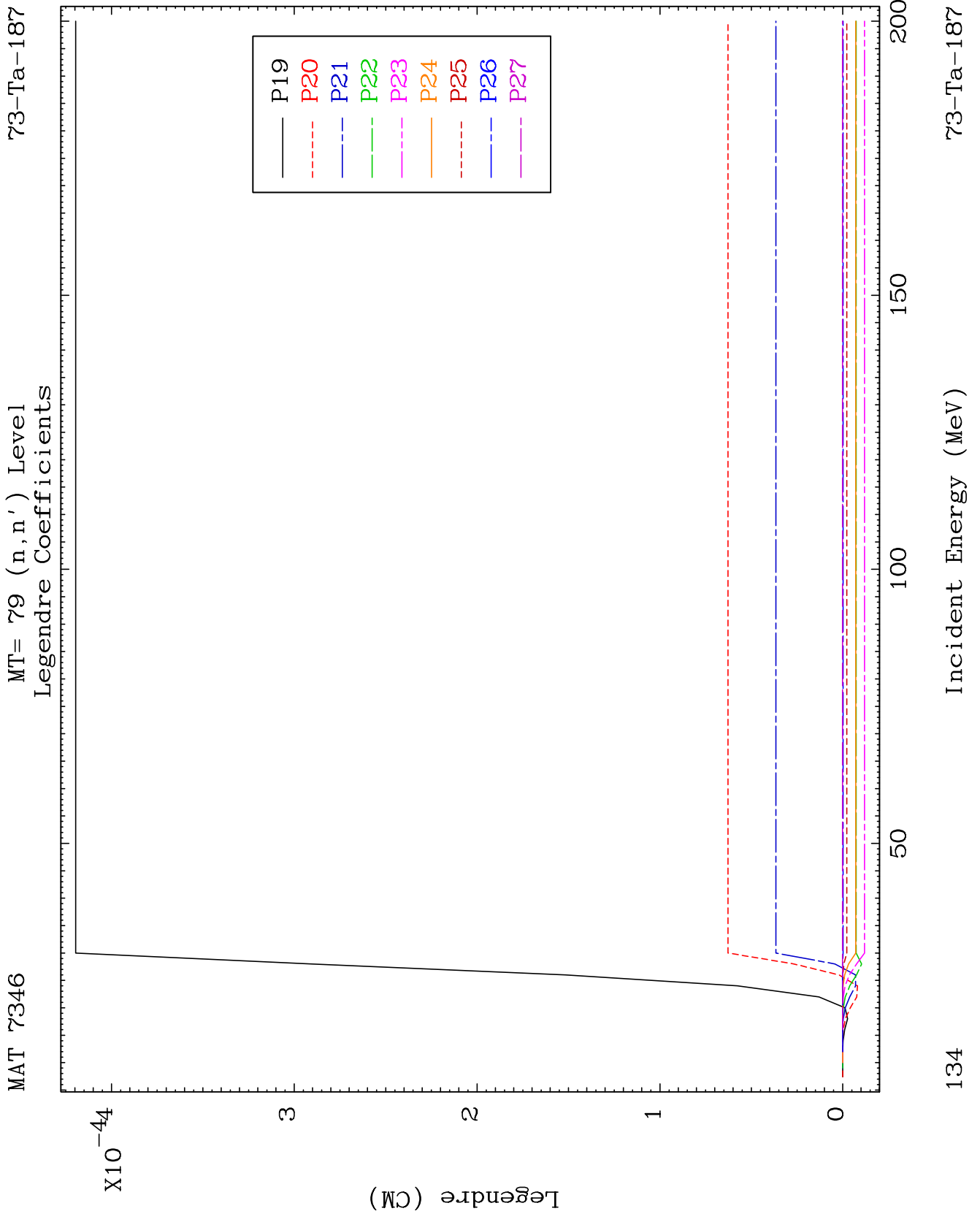
73-Ta-187



133

Incident Energy (MeV)

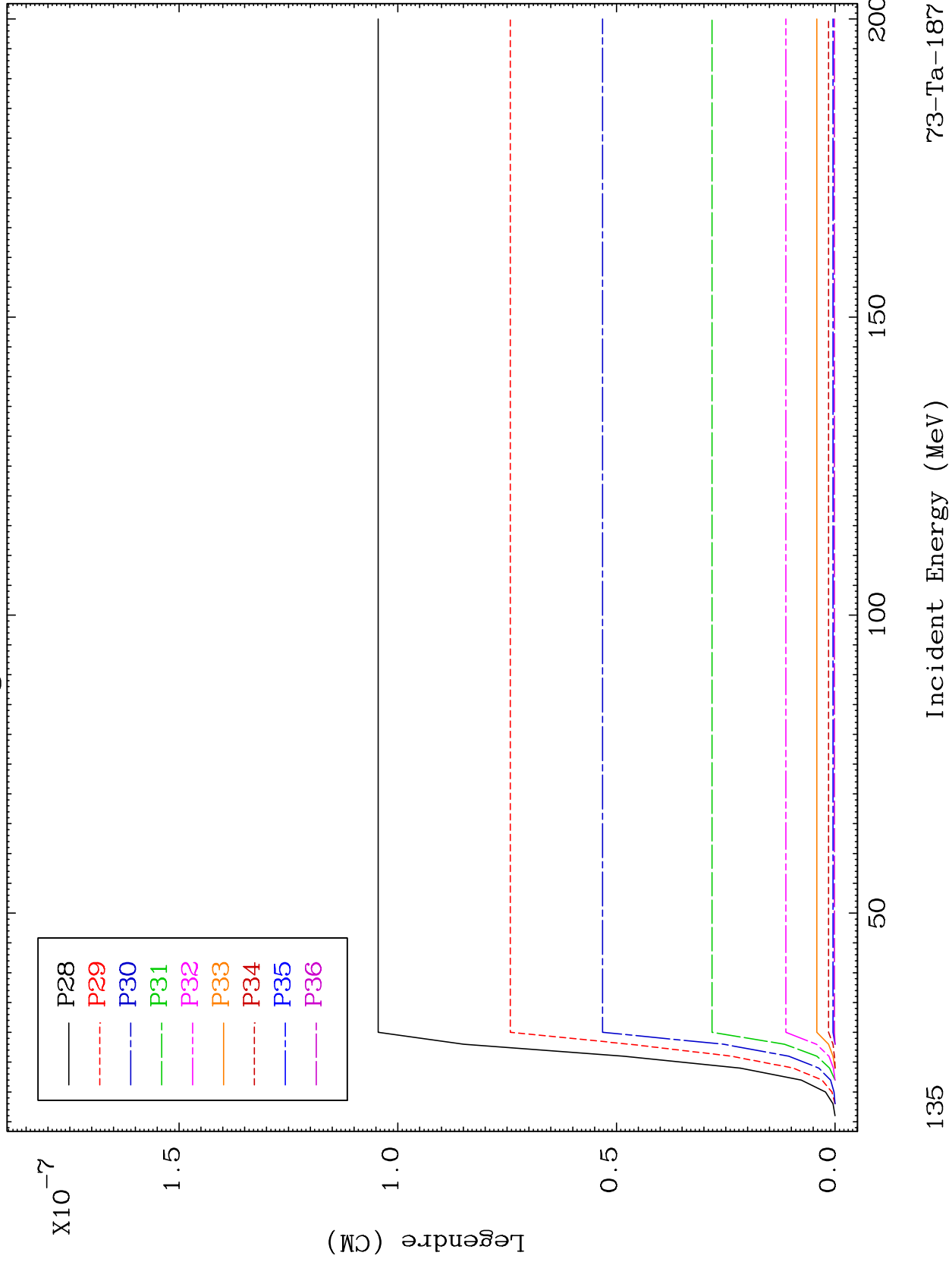
73-Ta-187



MAT 7346

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

⁷³Ta-187

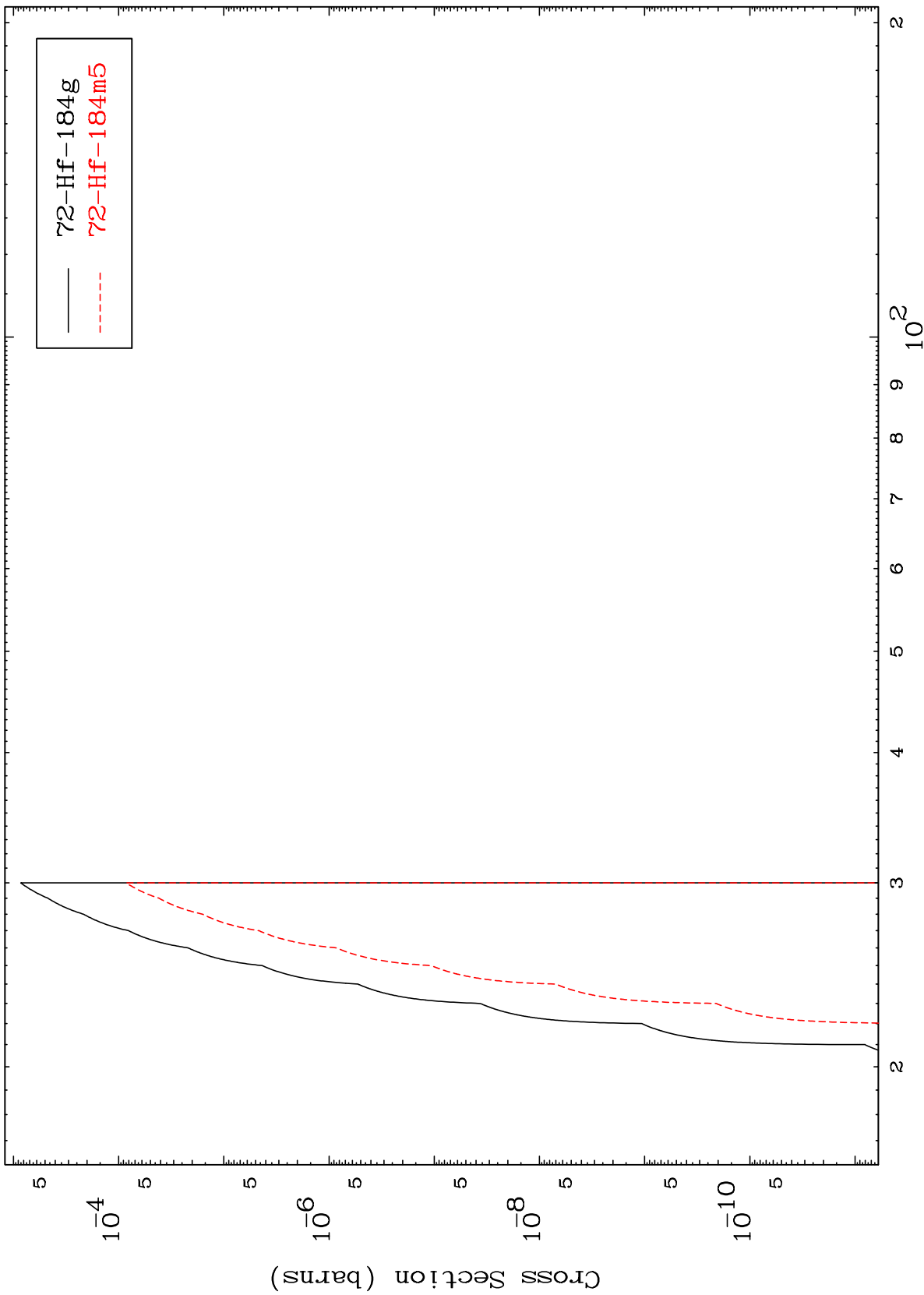


135

Incident Energy (MeV)

⁷³Ta-187

Radionuclide Production Cross Section

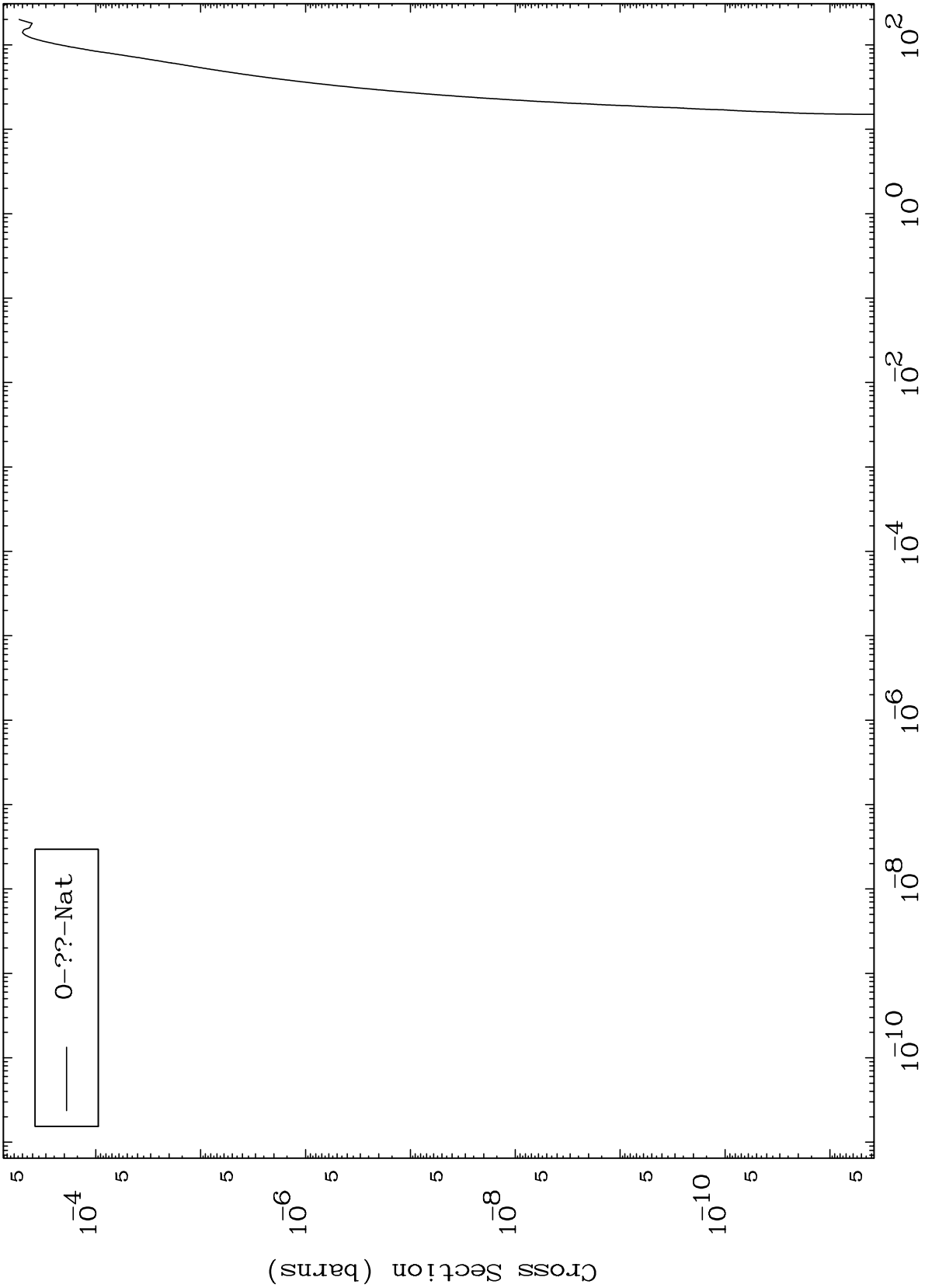


MAT 7346

Fission

⁷³Ta-187

Radionuclide Production Cross Section



137

Incident Energy (MeV)

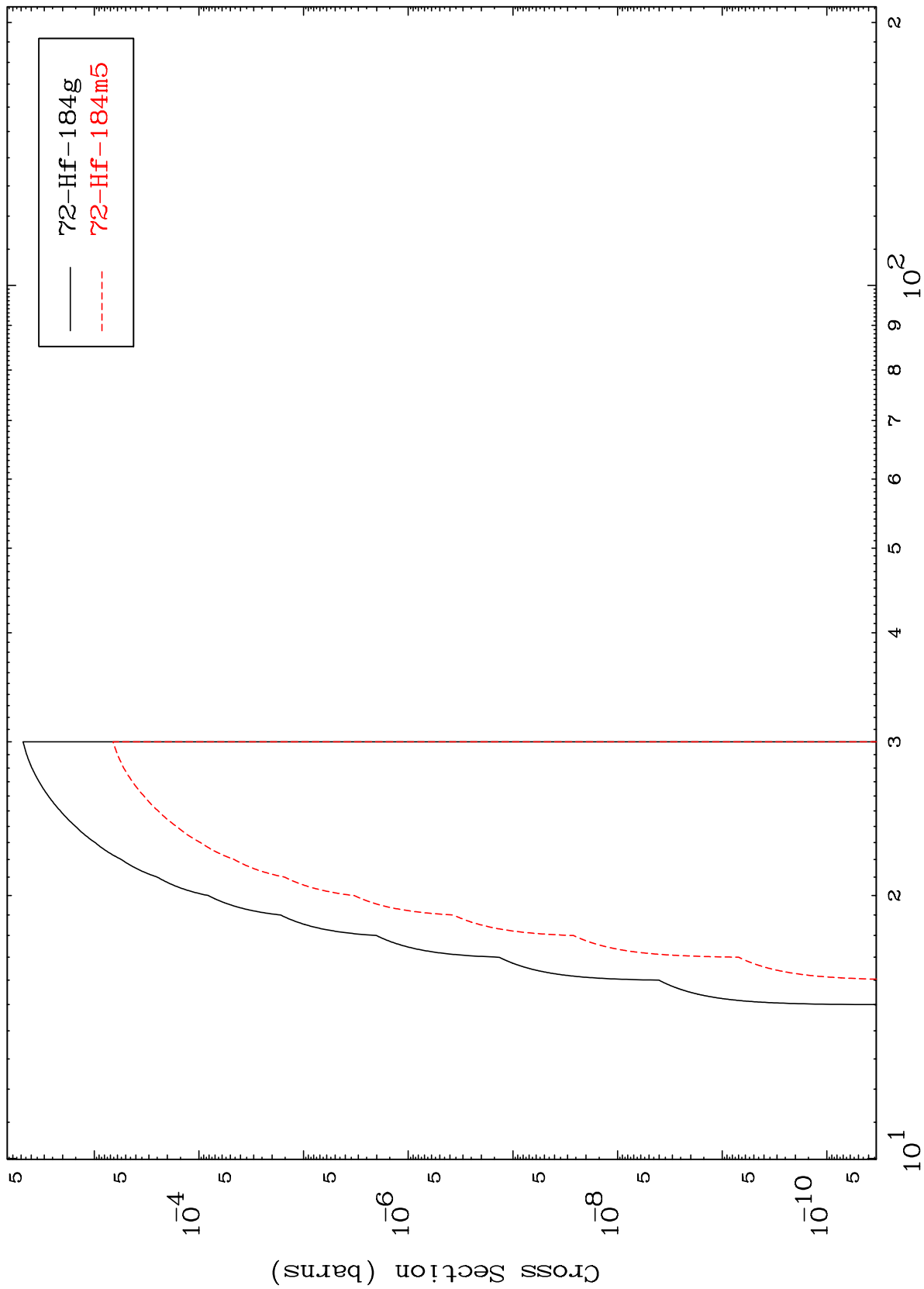
⁷³Ta-187

MAT 7346

(n,n') t

73-Ta-187

Radionuclide Production Cross Section



138

Incident Energy (MeV)

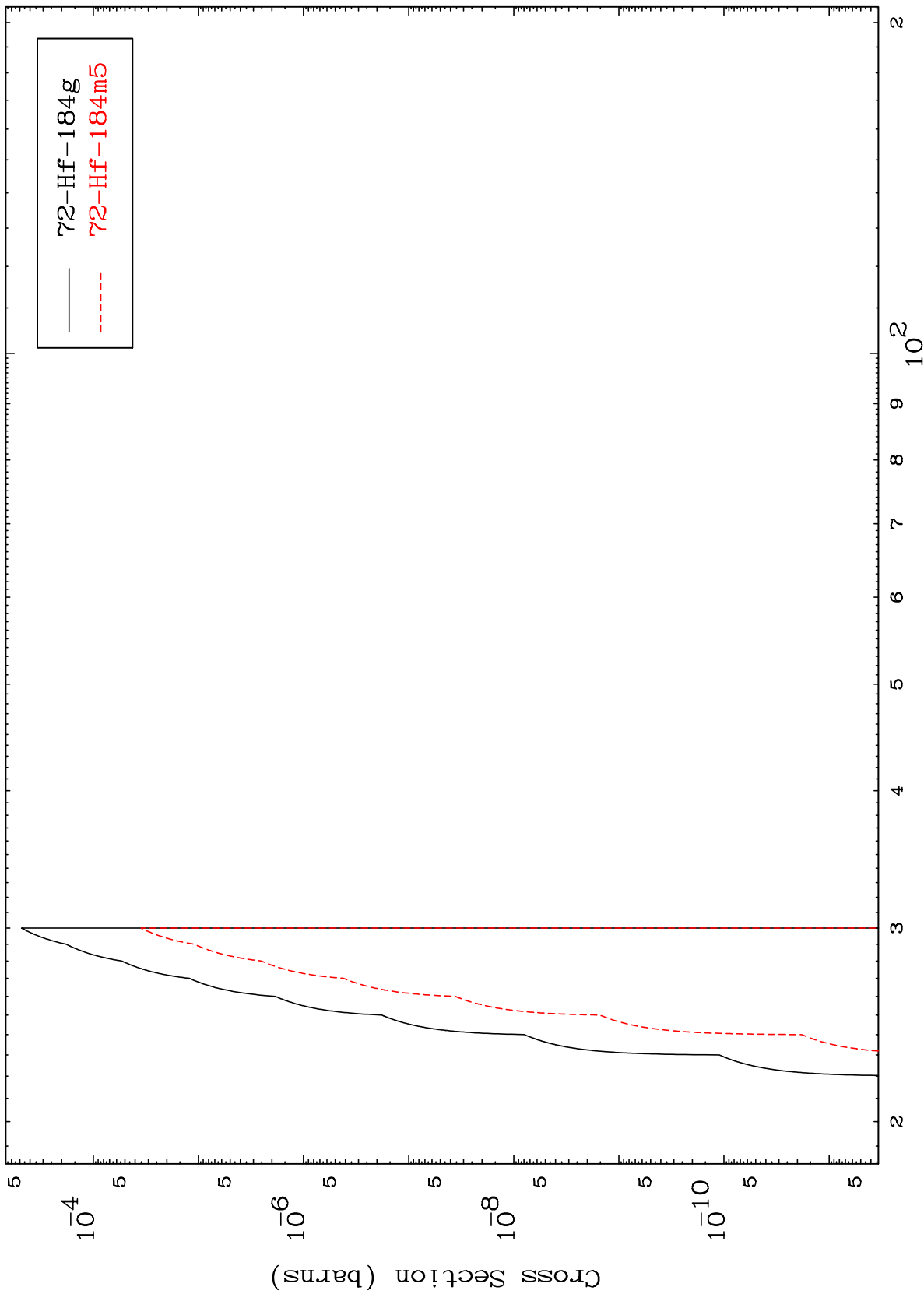
73-Ta-187

MAT 7346

(n,3n) p

73-Ta-187

Radionuclide Production Cross Section



139

Incident Energy (MeV)

73-Ta-187

MAT 7346

73-Ta-187

