

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

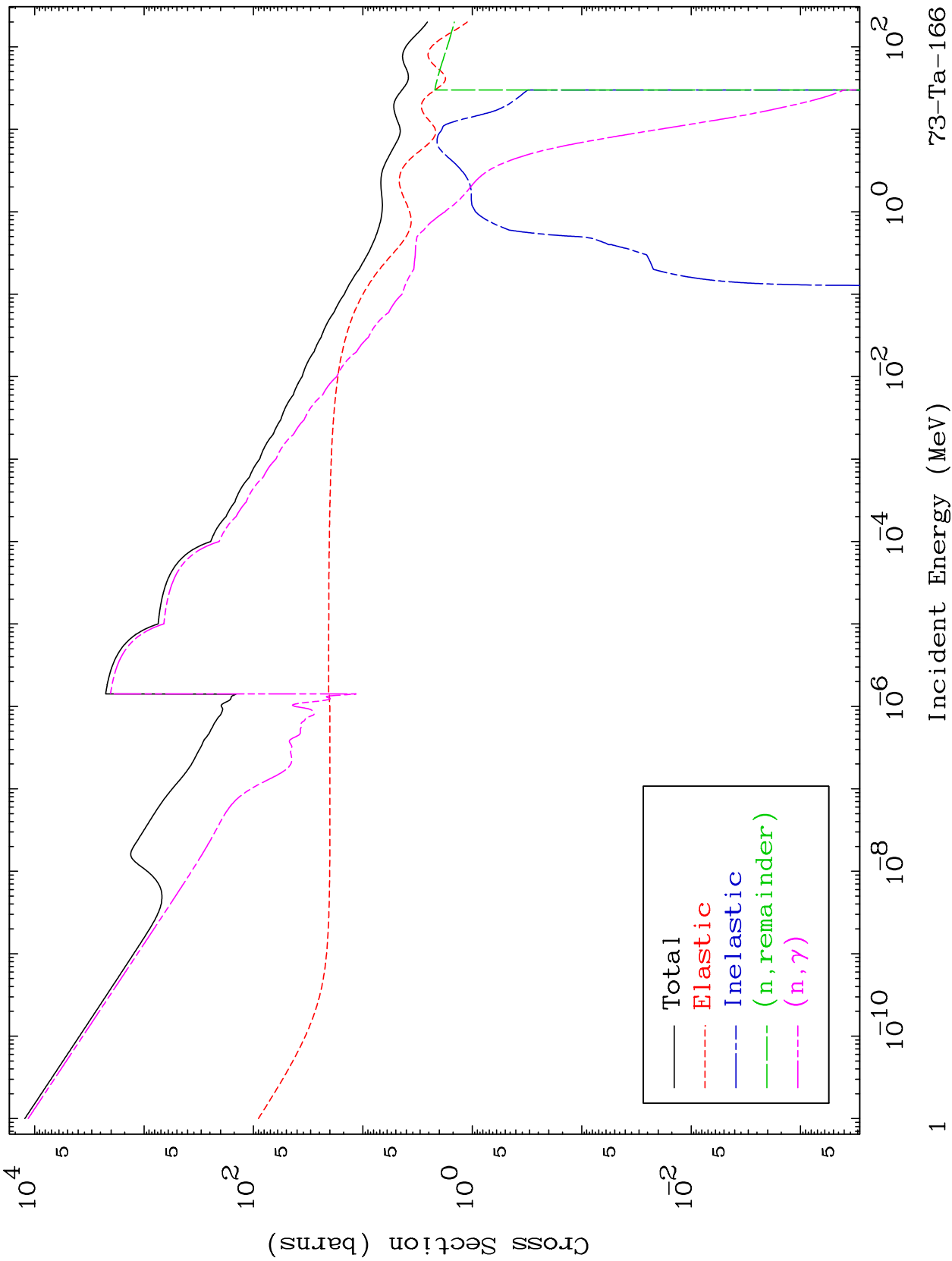
Press Mouse Button to Start

MAT 7283

Major

293 Kelvin Cross Sections

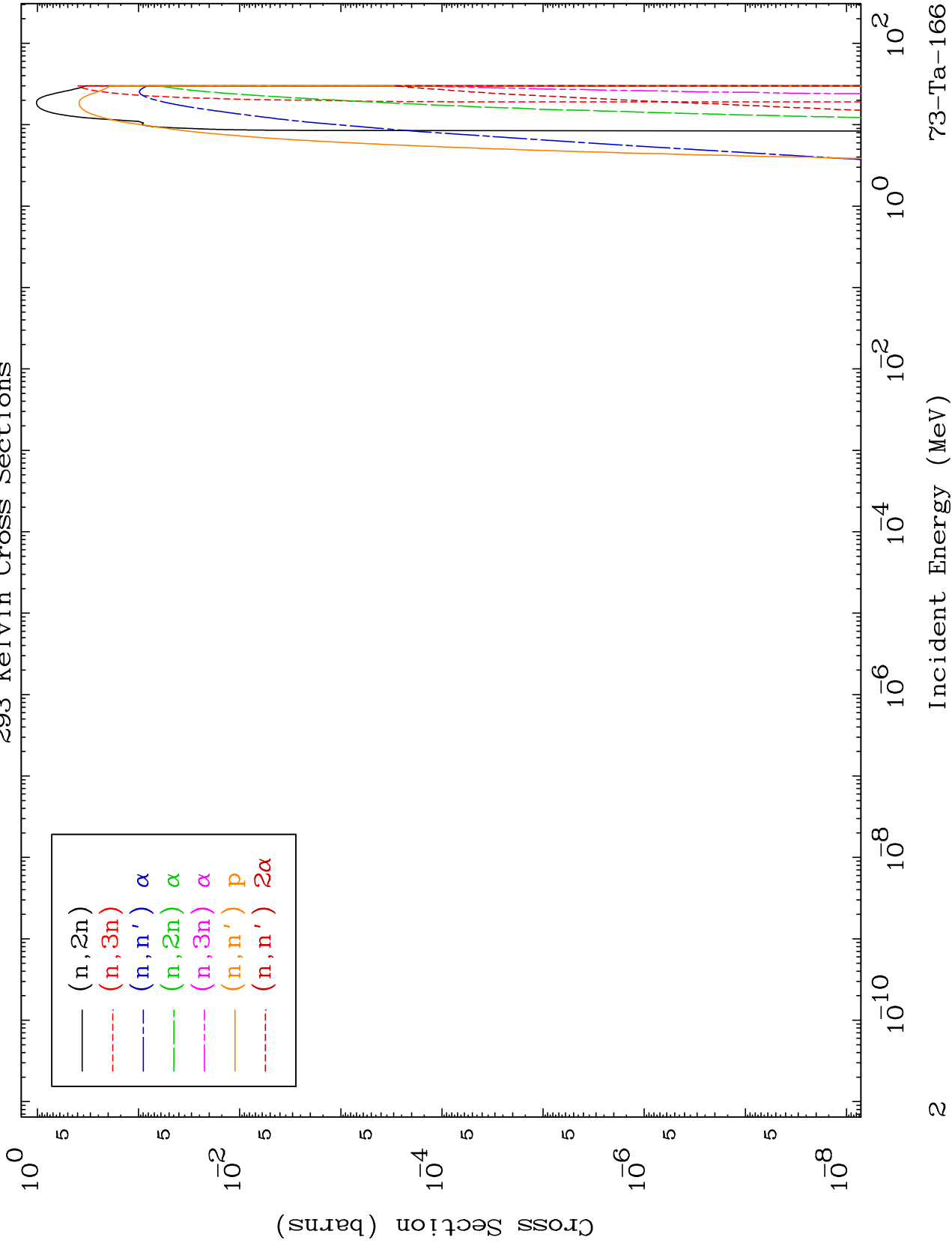
73-Ta-166



MAT 7283

Neutron Production
293 Kelvin Cross Sections

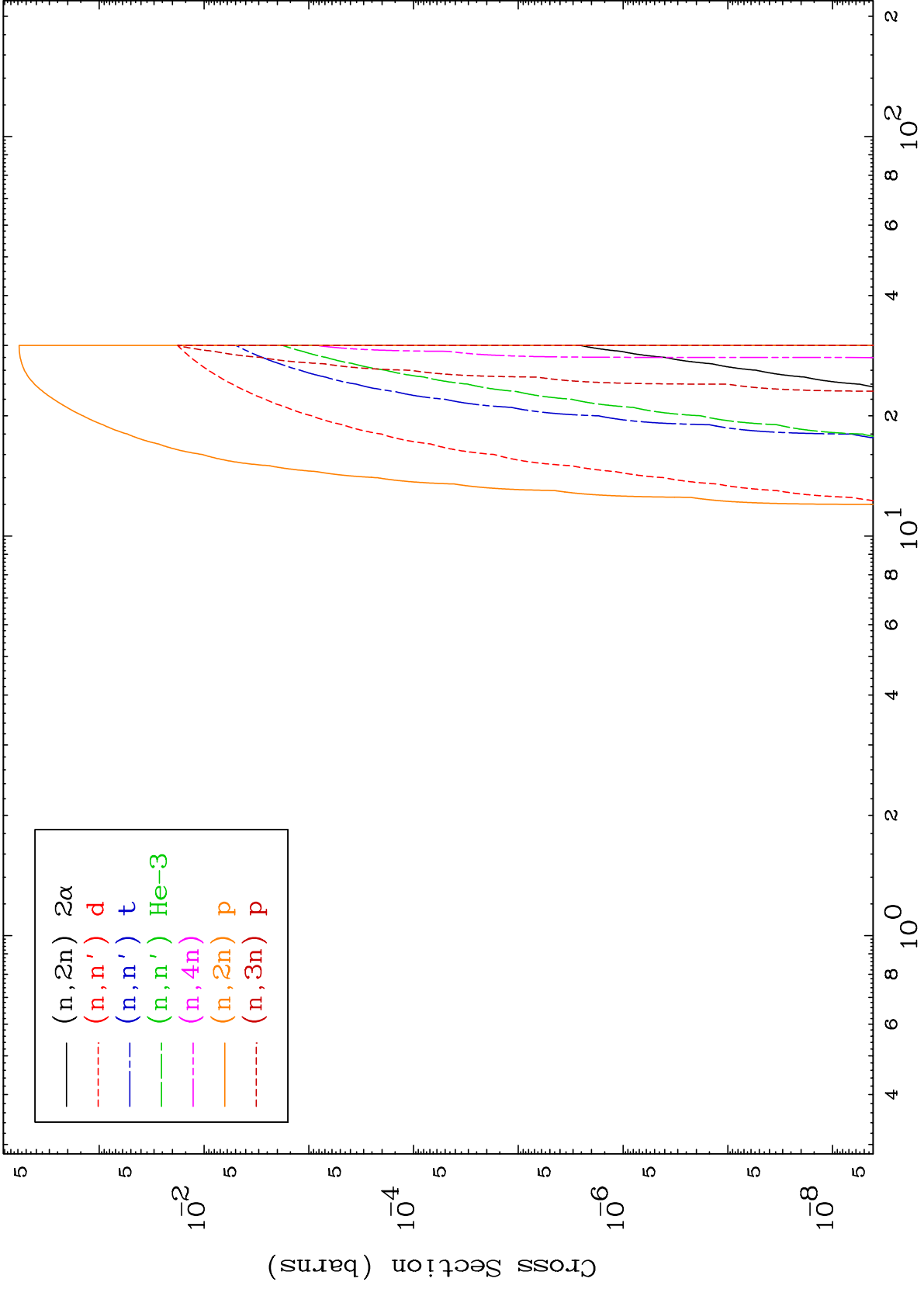
73-Ta-166



MAT 7283

Neutron Production
293 Kelvin Cross Sections

73-Ta-166



3

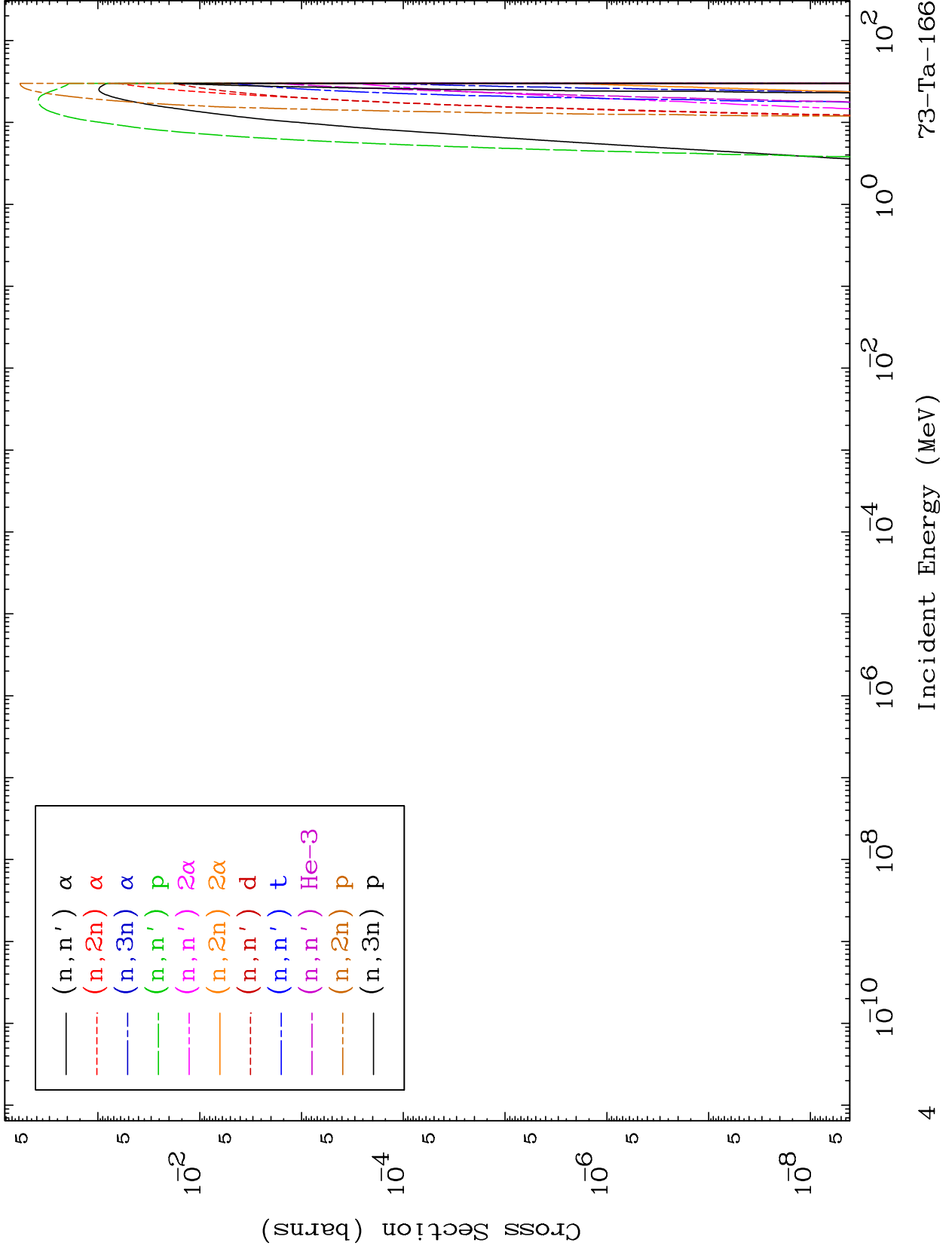
Incident Energy (MeV)

73-Ta-166

MAT 7283

Charged Particle
293 Kelvin Cross Sections

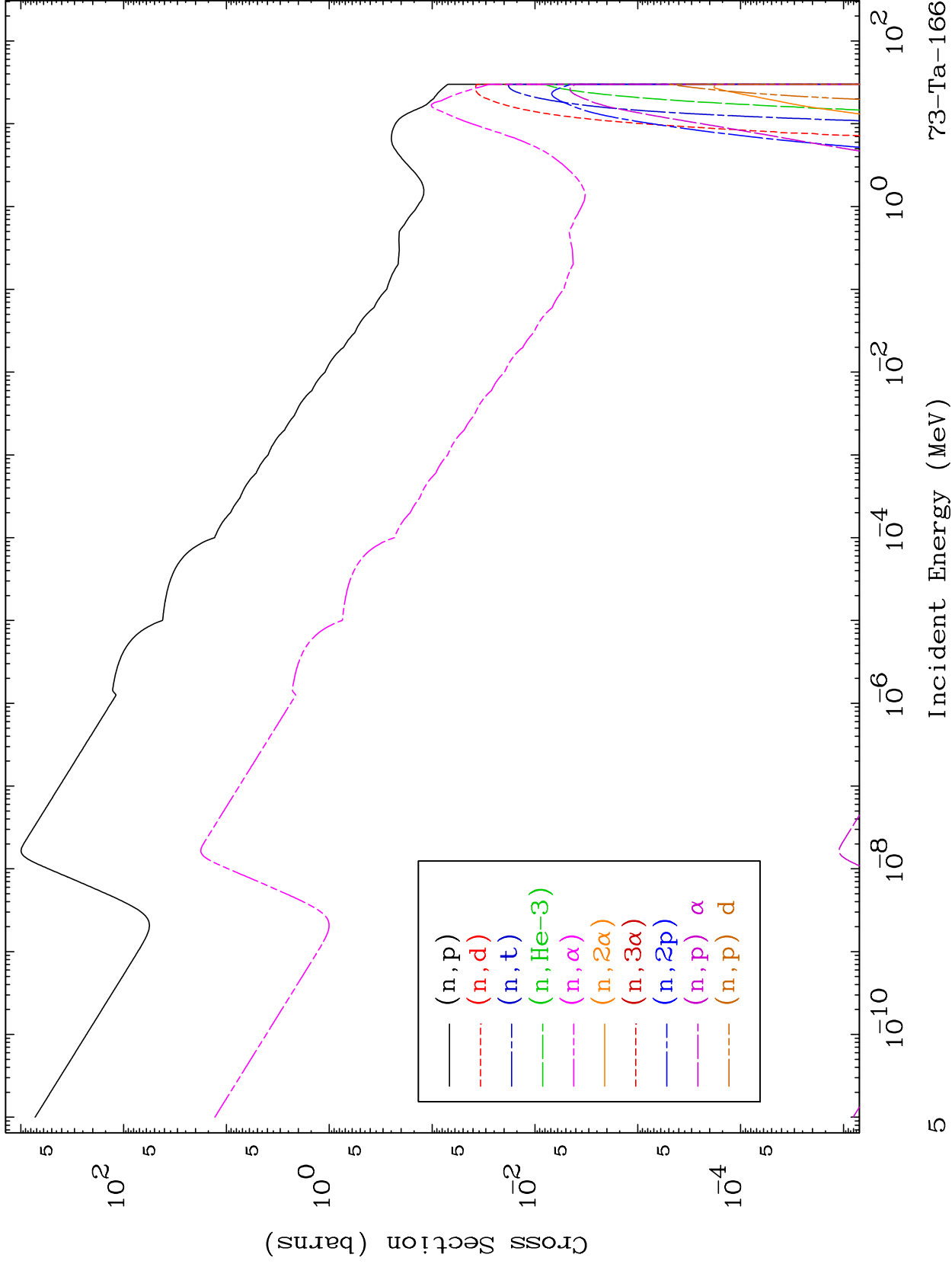
73-Ta-166



MAT 7283

Charged Particle
293 Kelvin Cross Sections

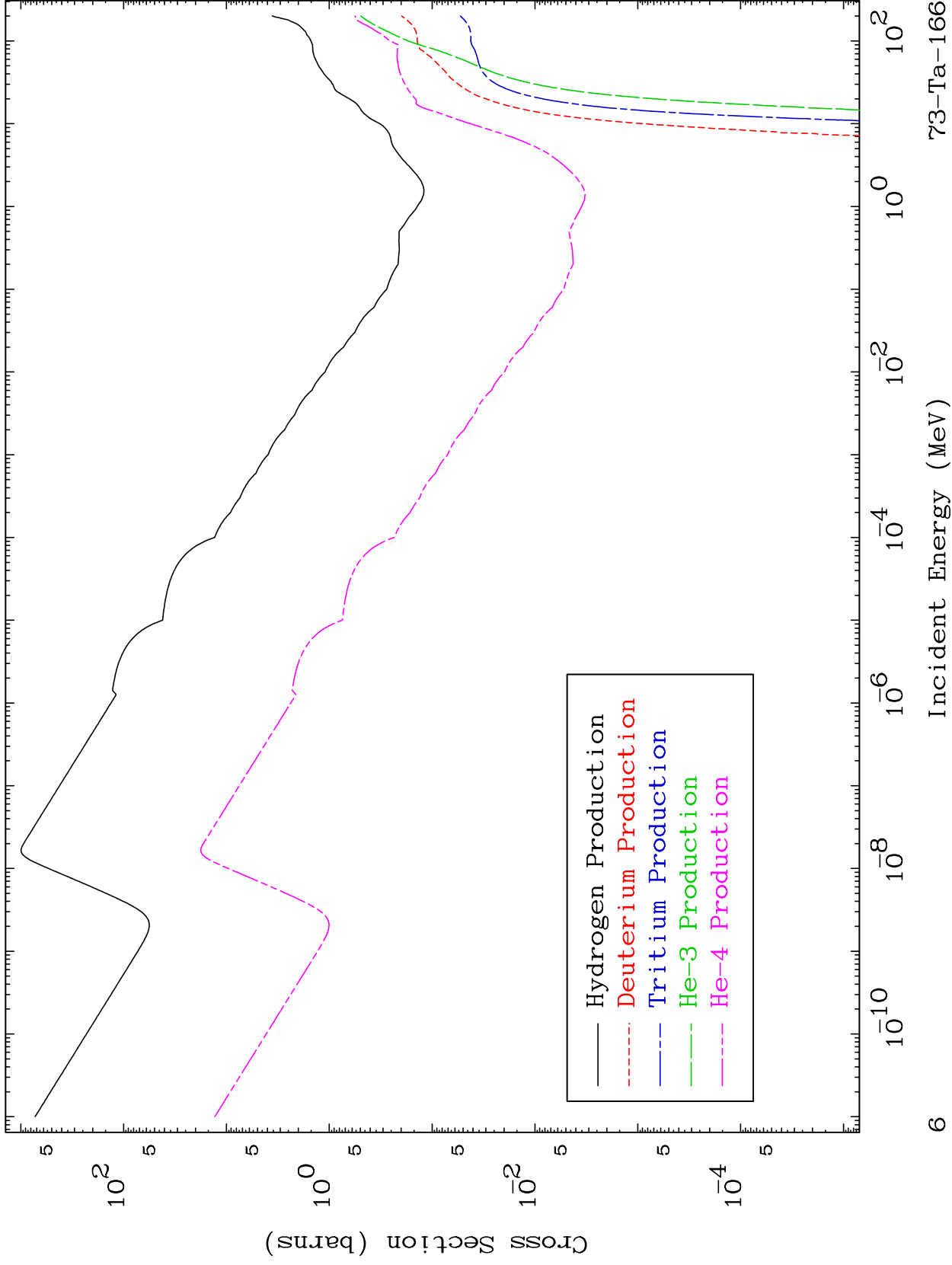
73-Ta-166



MAT 7283

Particle Production
293 Kelvin Cross Sections

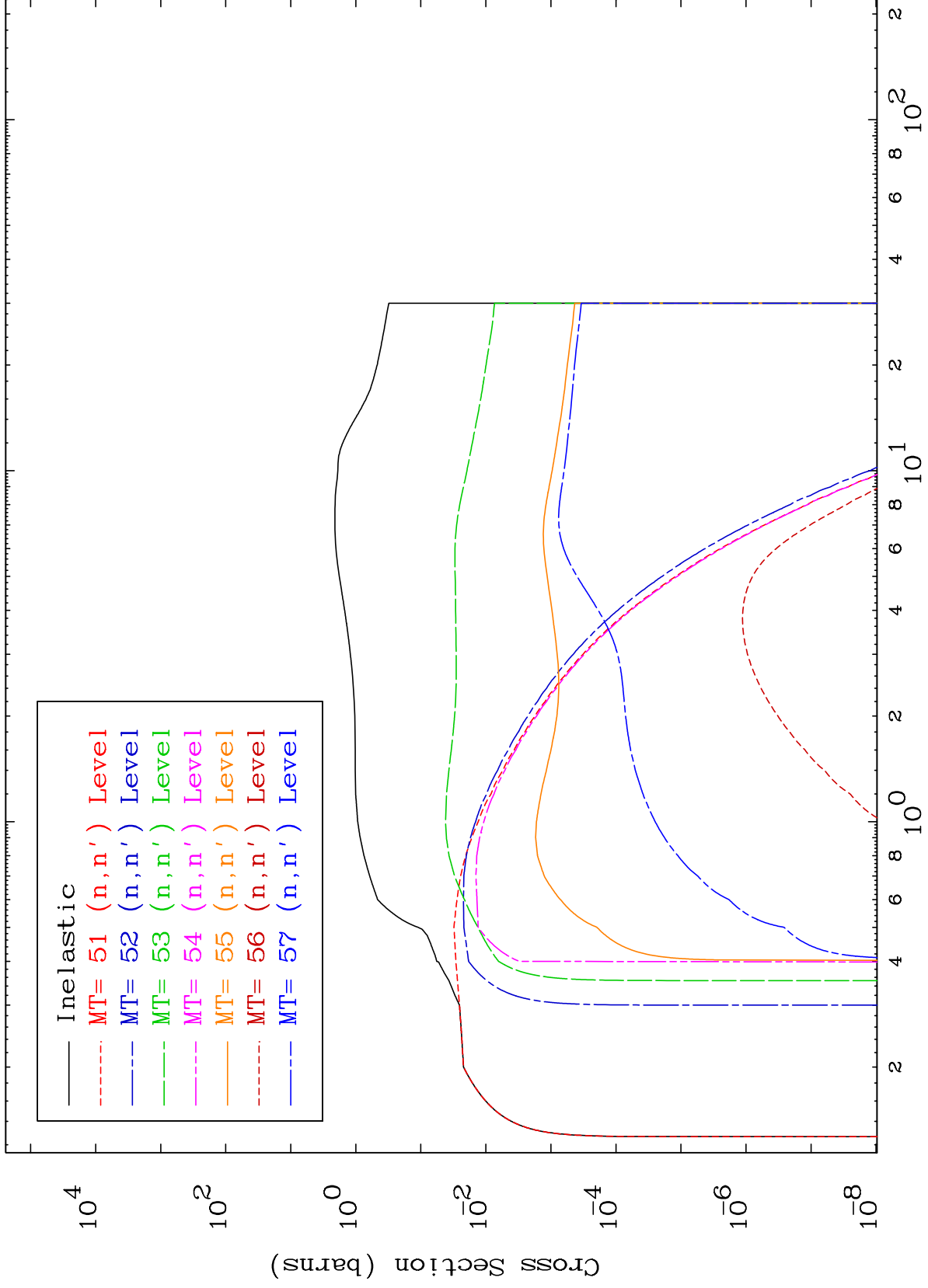
73-Ta-166



MAT 7283

(n,n') Level
293 Kelvin Cross Sections

73-Ta-166

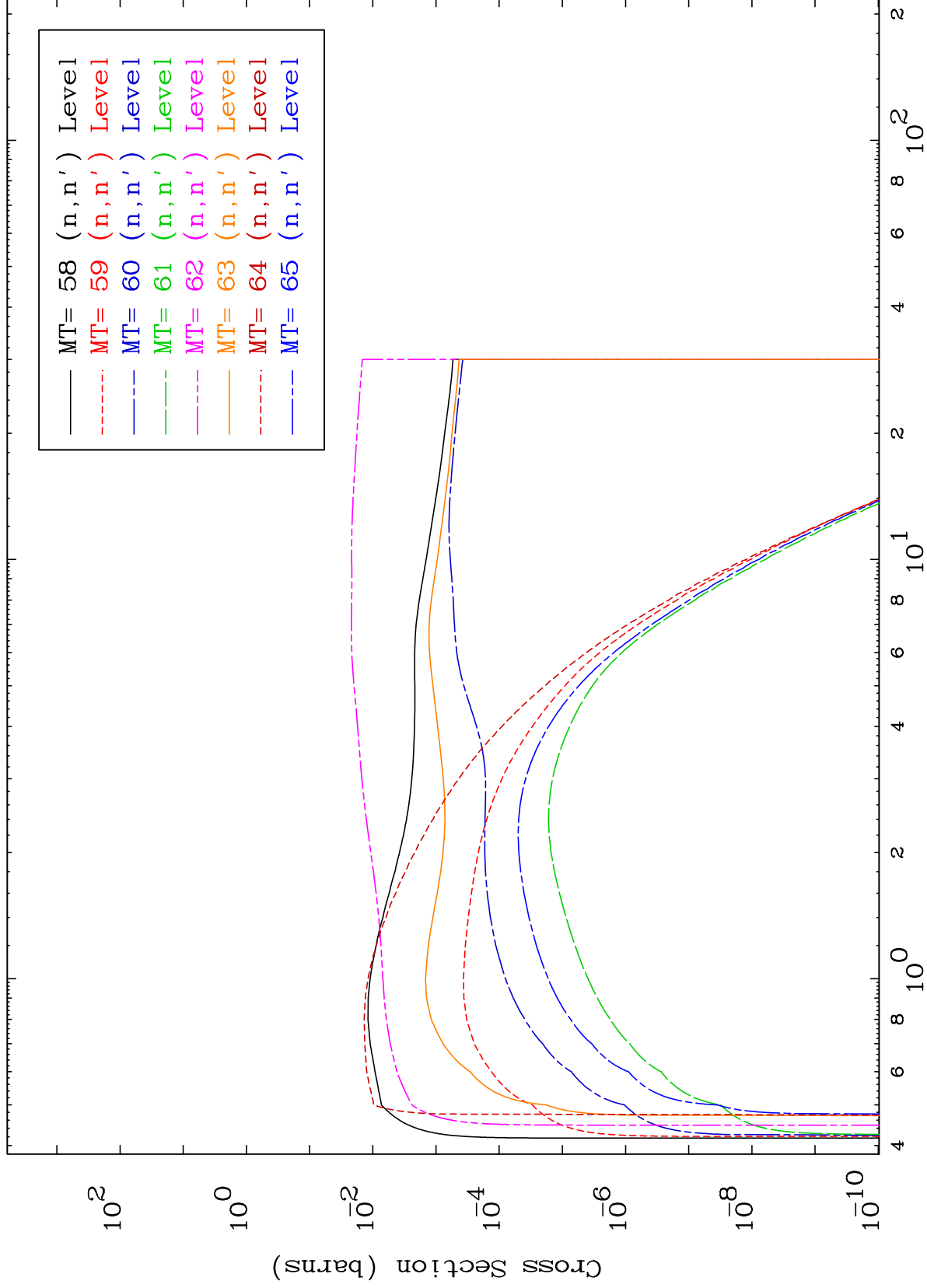


MAT 7283

(n,n') Level

73-Ta-166

293 Kelvin Cross Sections

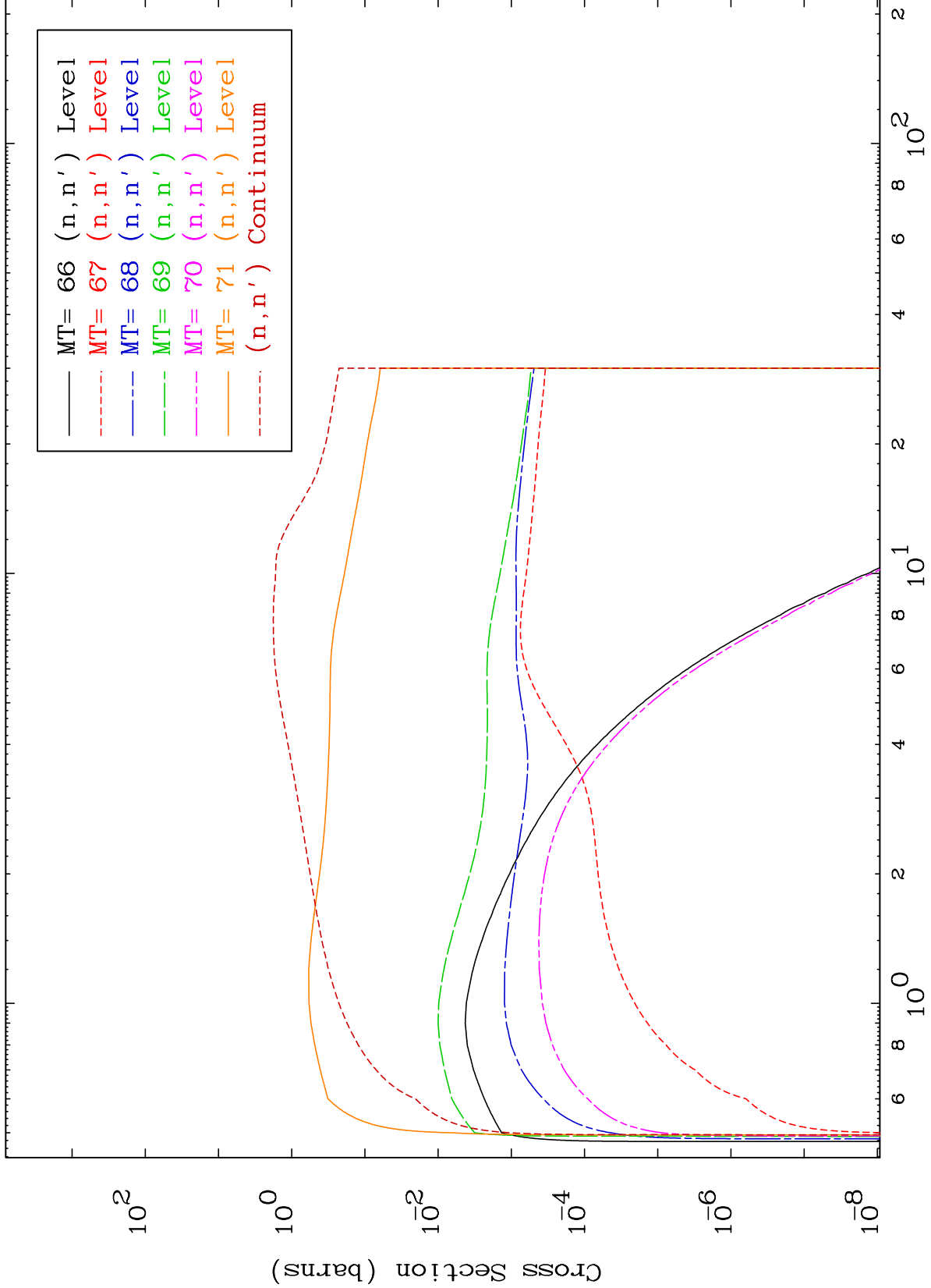


Incident Energy (MeV)

73-Ta-166

8

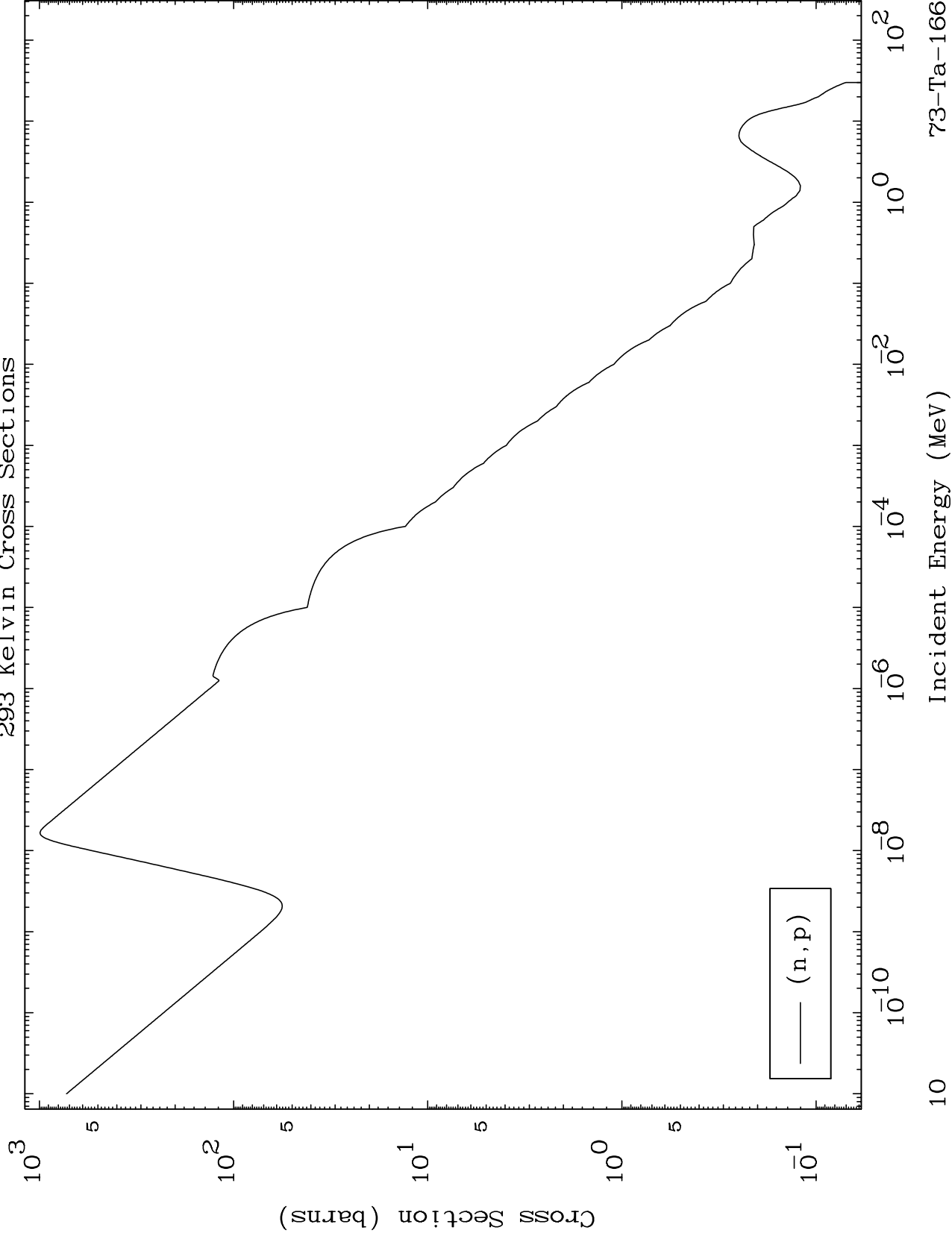
293 Kelvin Cross Sections



MAT 7283

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-166



10

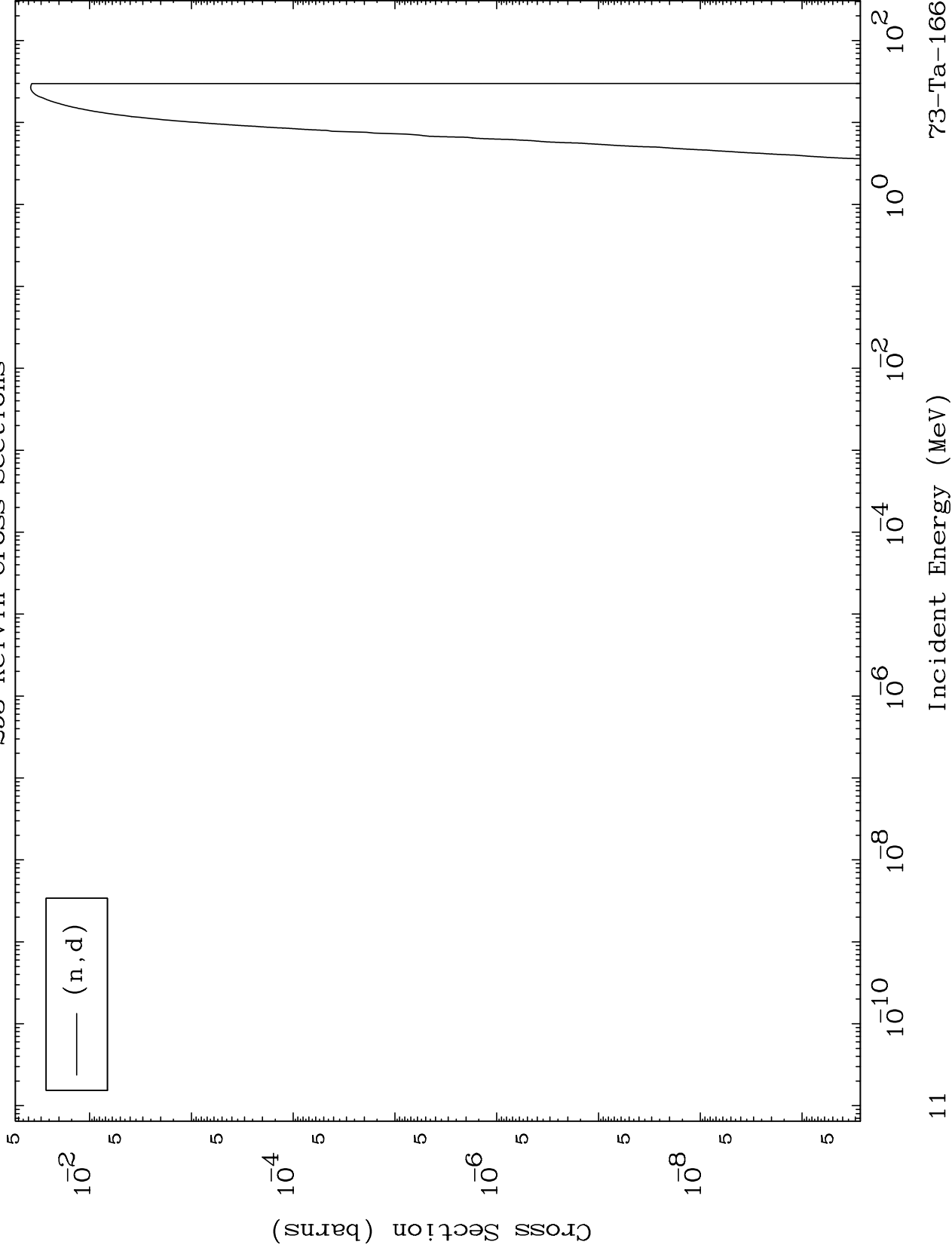
Incident Energy (MeV)

73-Ta-166

MAT 7283

(n,d) Levels
293 Kelvin Cross Sections

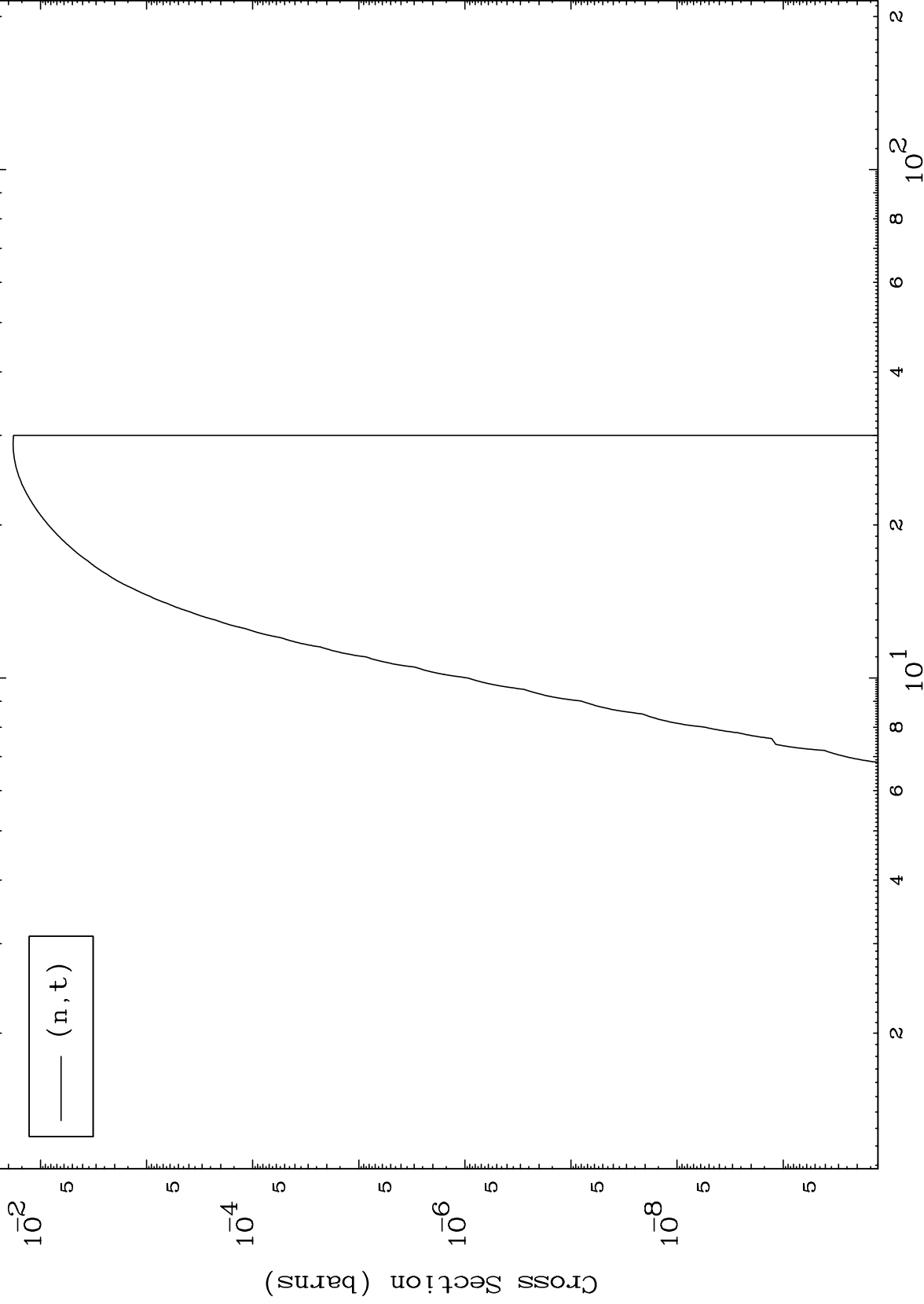
⁷³Ta-166



MAT 7283

(n,t) Levels
293 Kelvin Cross Sections

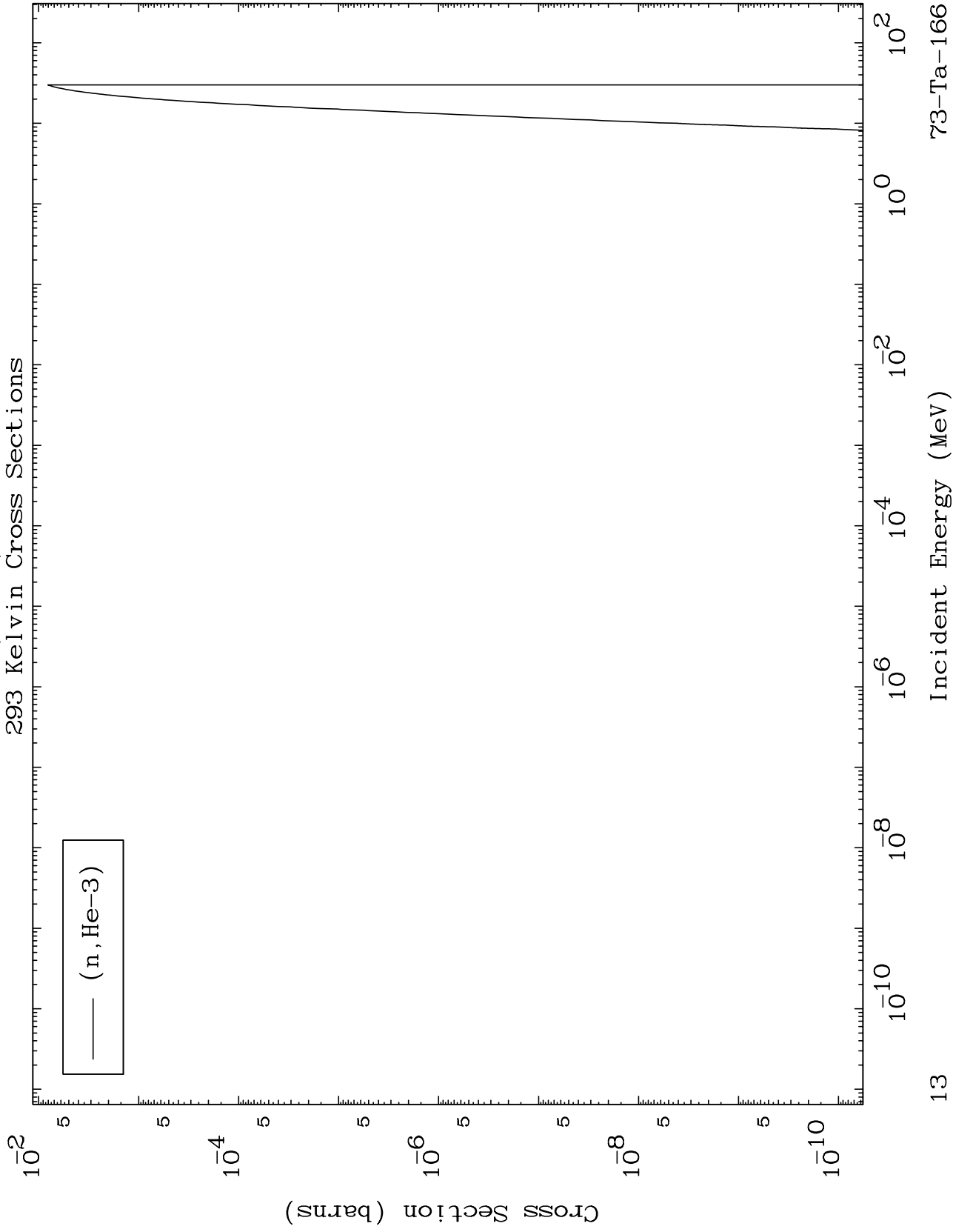
73-Ta-166



MAT 7283

(n,He3) Levels
293 Kelvin Cross Sections

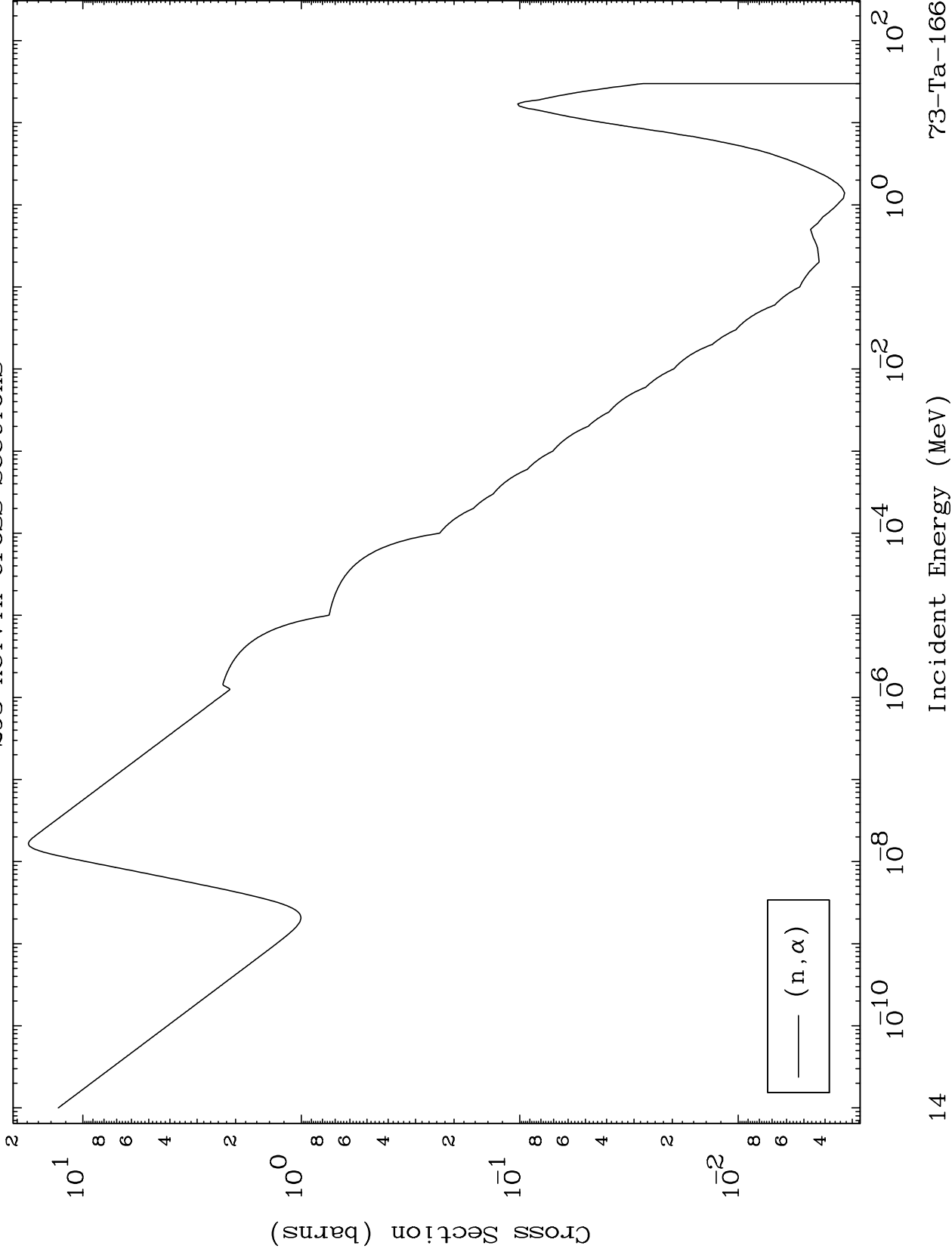
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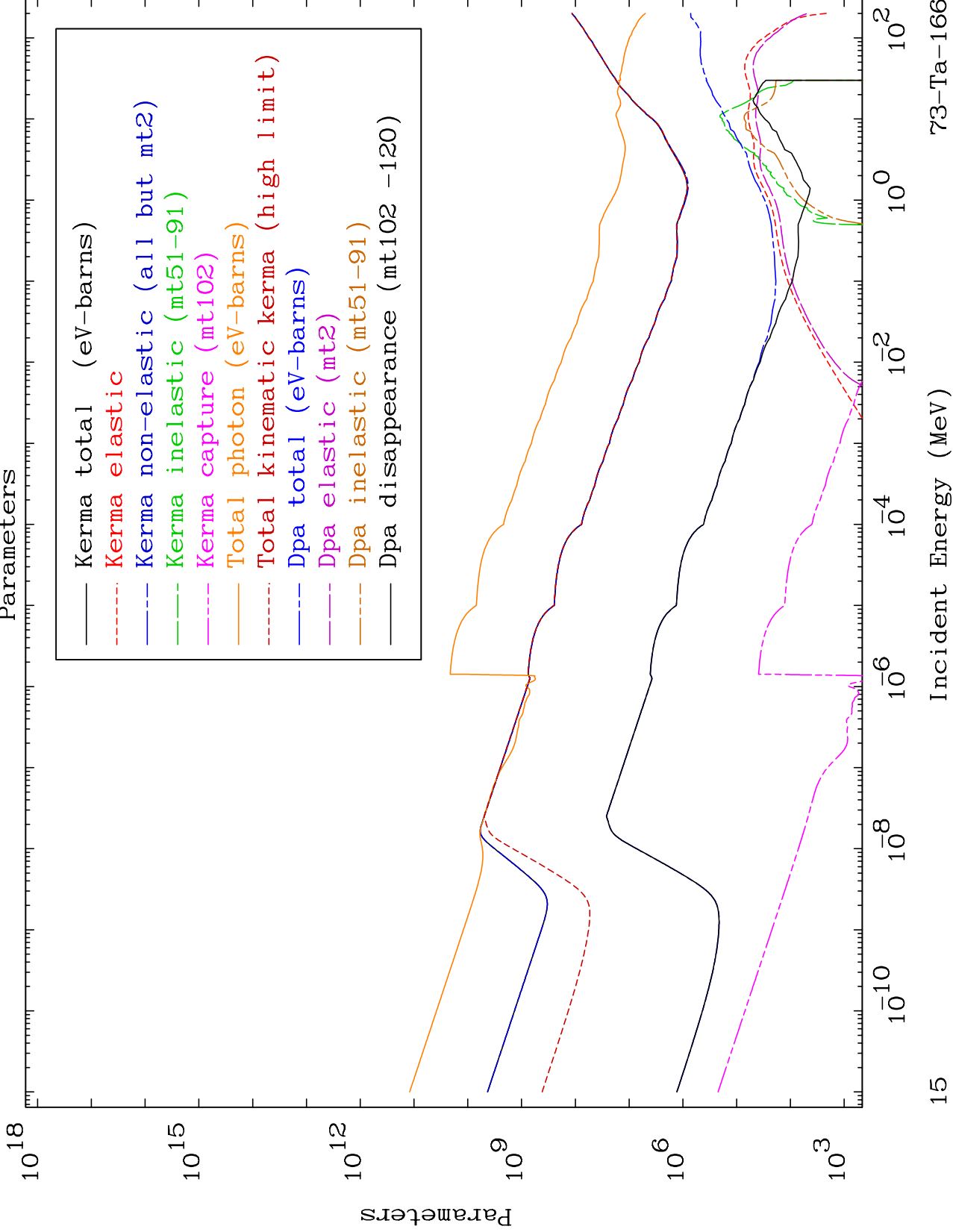


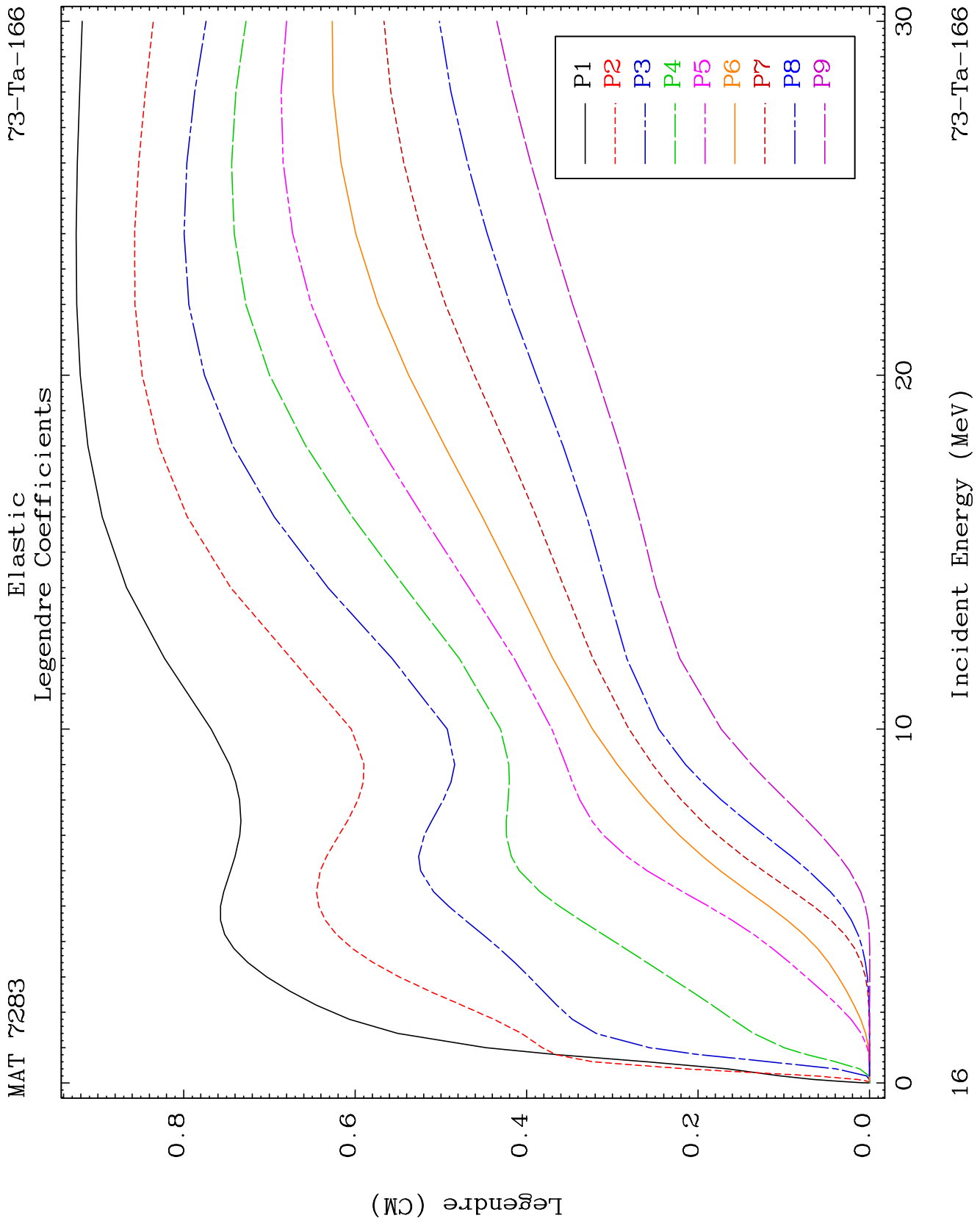
MAT 7283

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-166



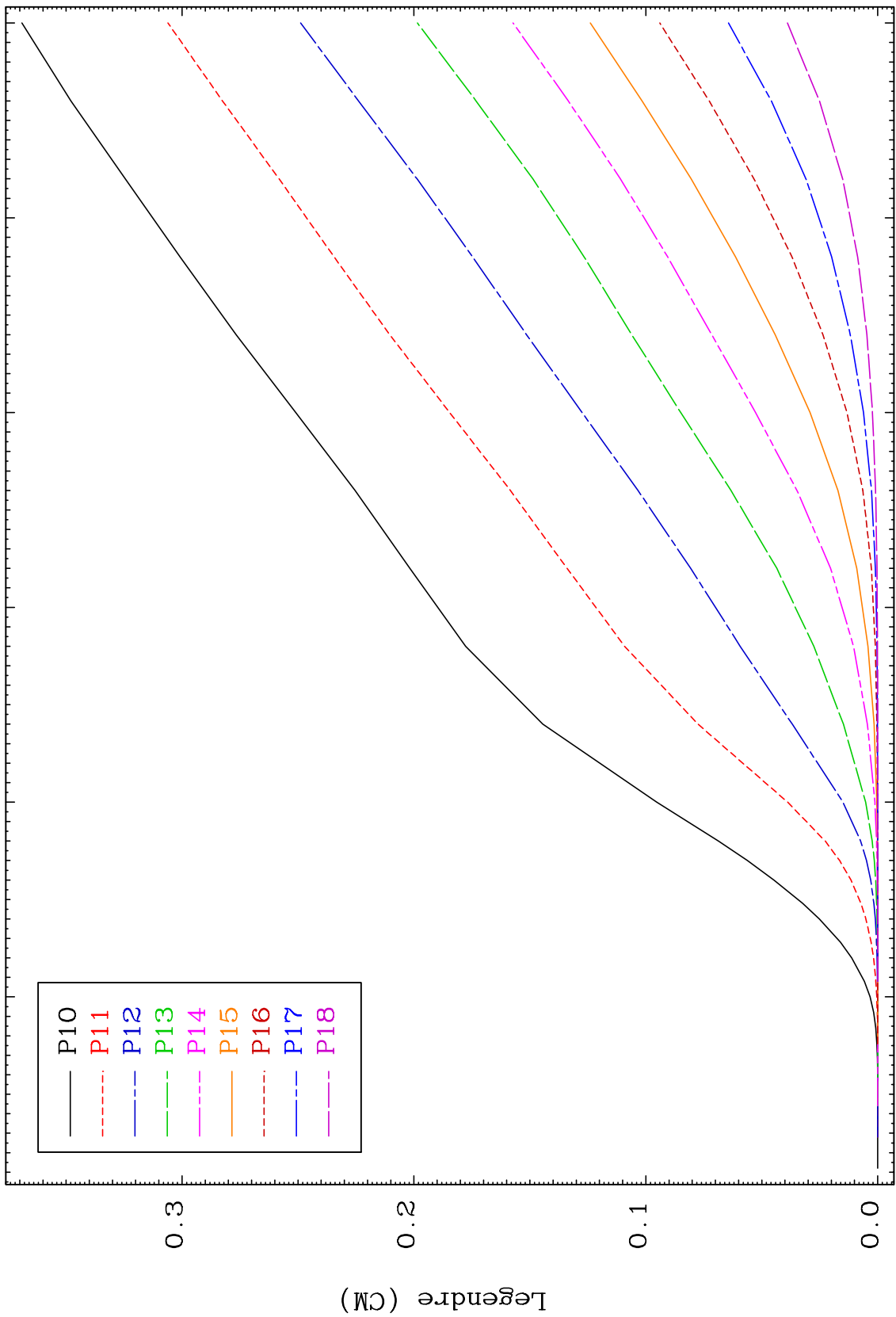




MAT 7283

Elastic Legendre Coefficients

⁷³Ta-166



17

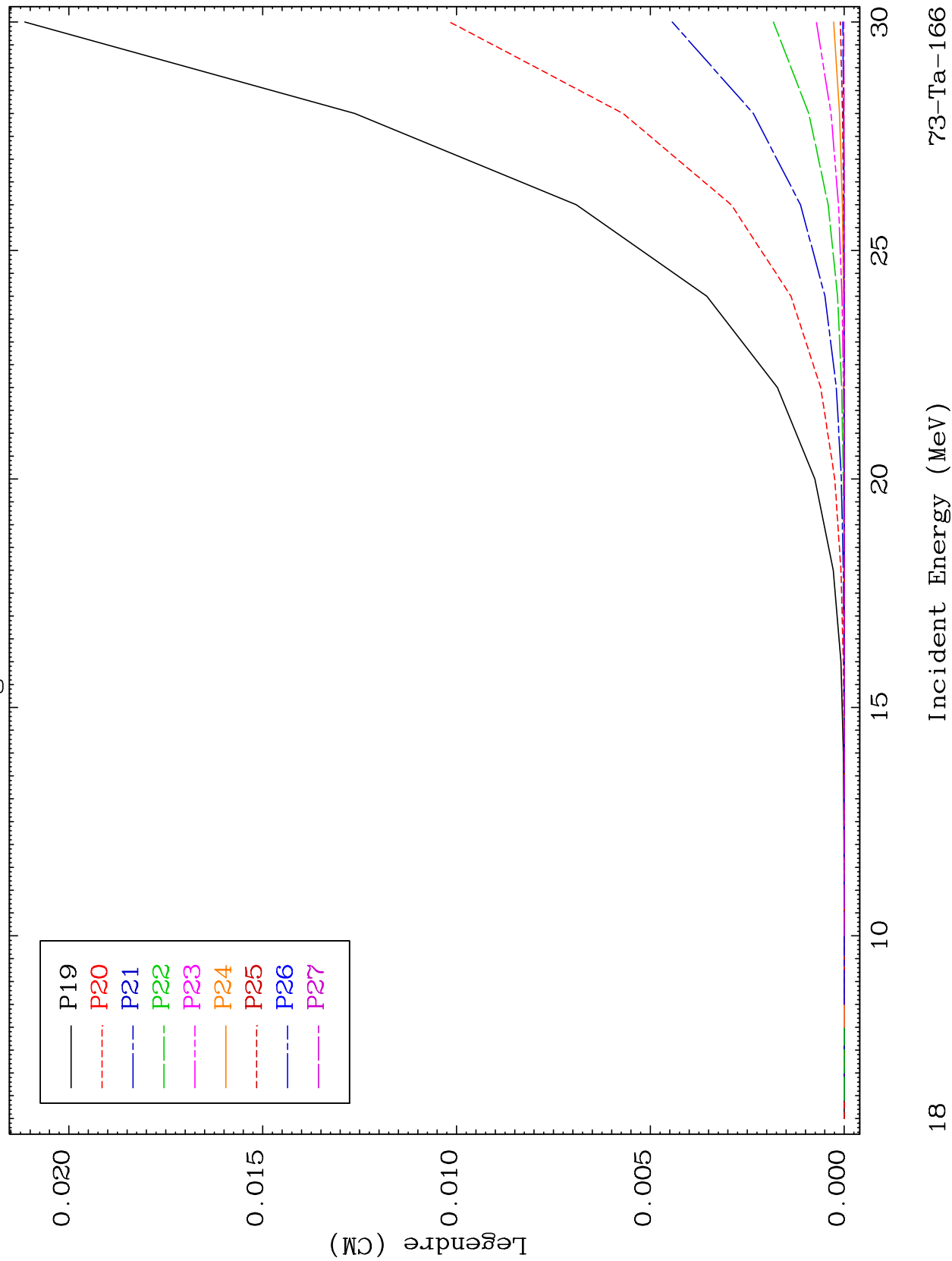
⁷³Ta-166

Incident Energy (MeV)

MAT 7283

Elastic Legendre Coefficients

⁷³Ta-166



18

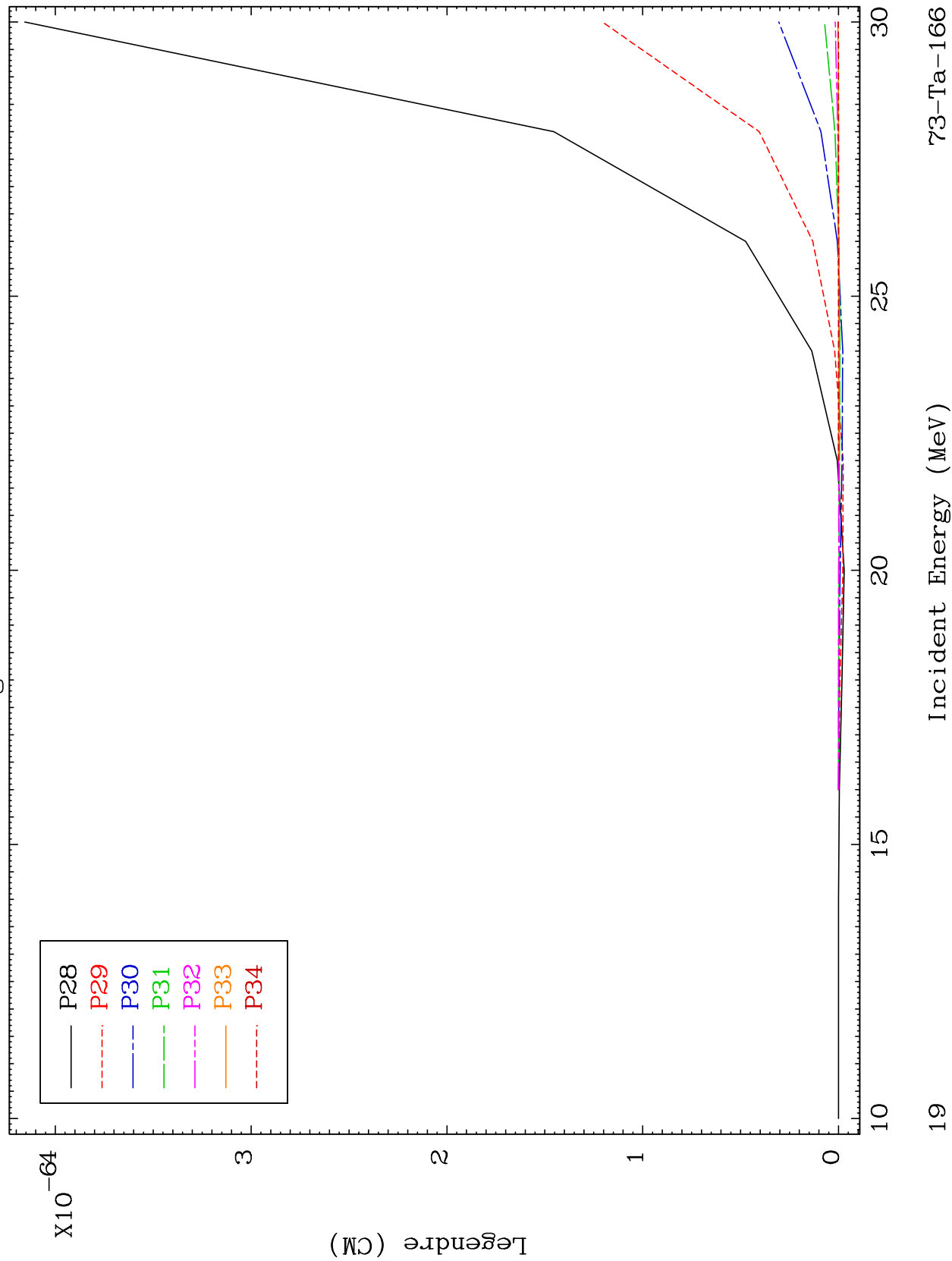
Incident Energy (MeV)

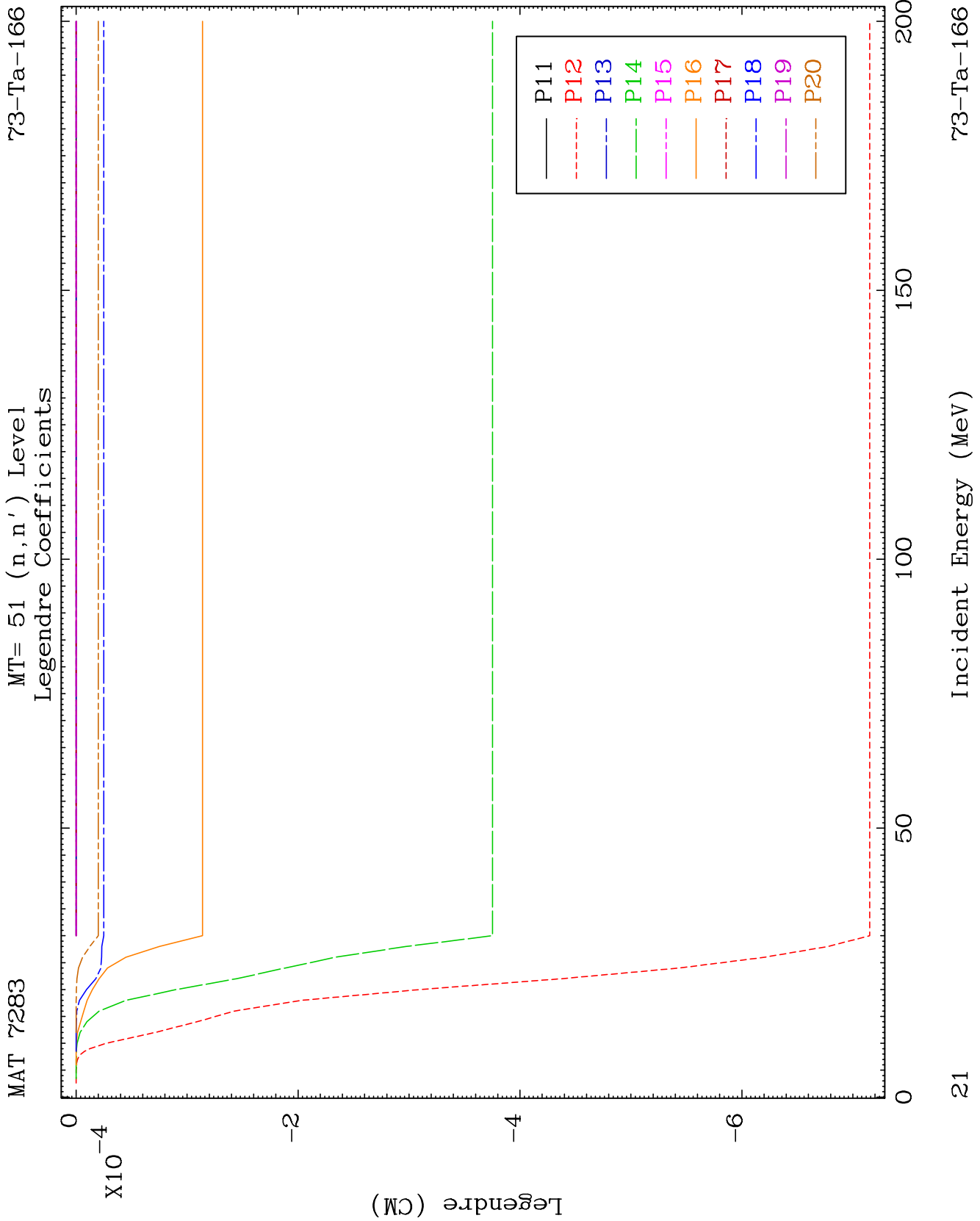
⁷³Ta-166

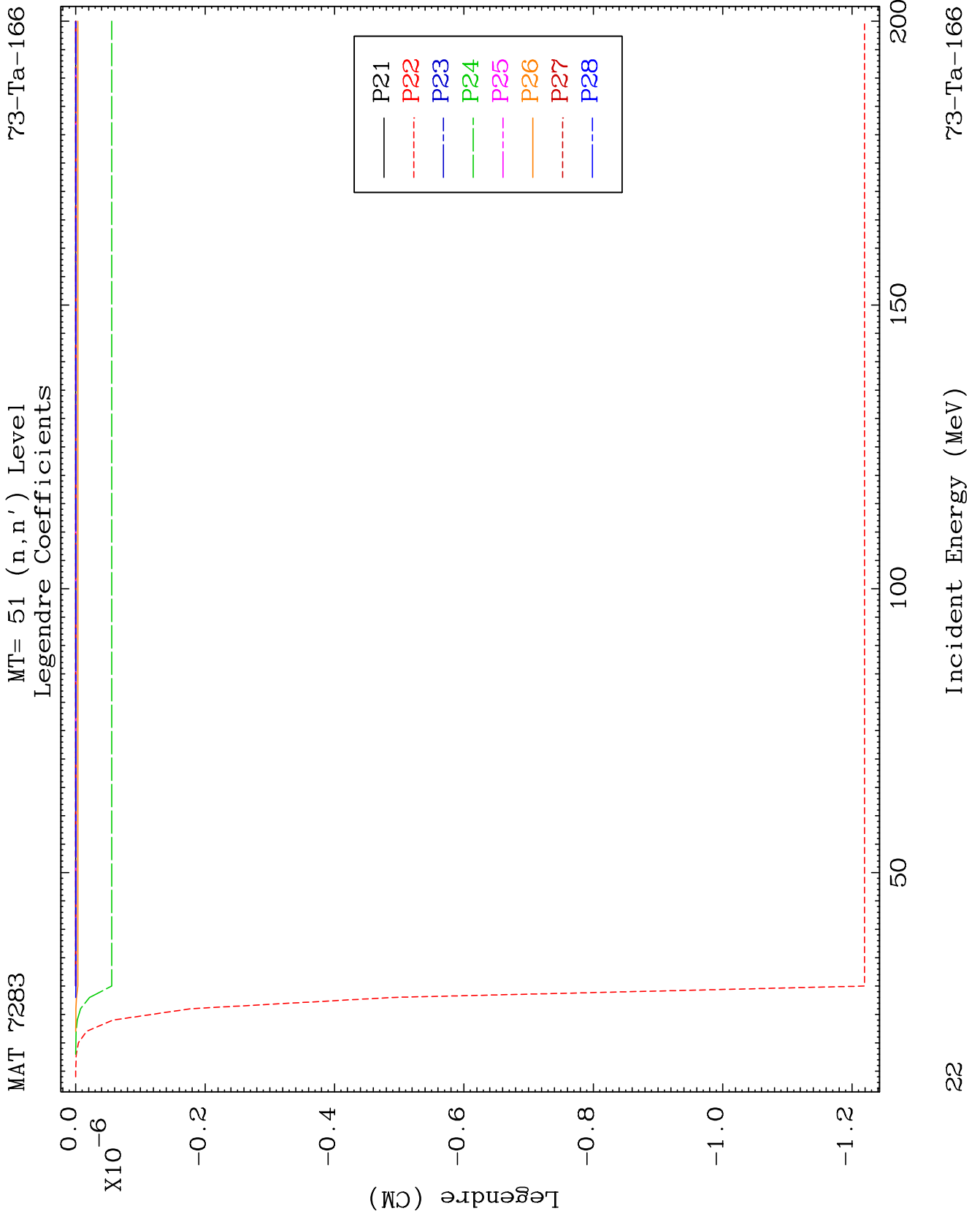
MAT 7283

Elastic Legendre Coefficients

⁷³Ta-166



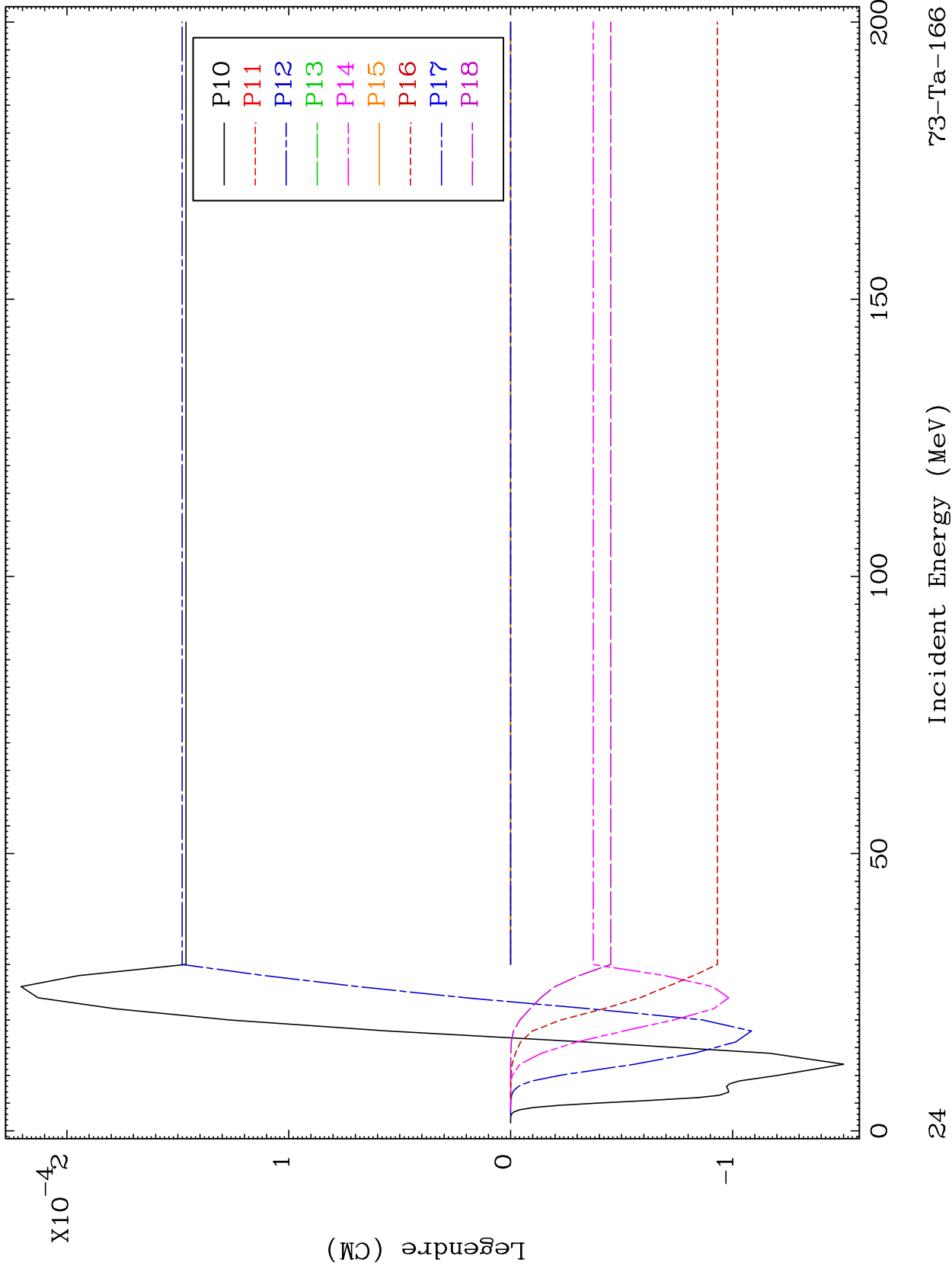




MAT 7283

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

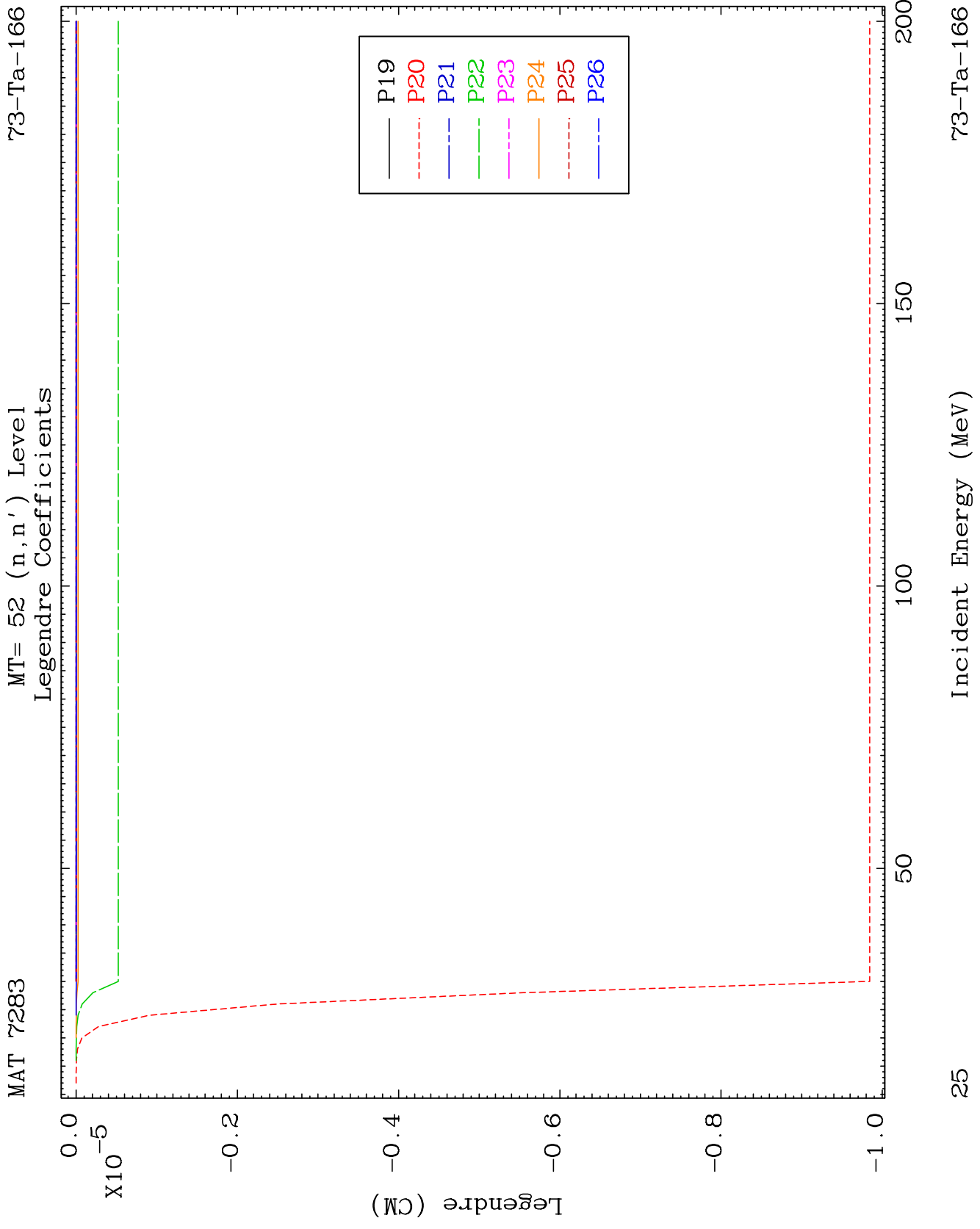
73-Ta-166

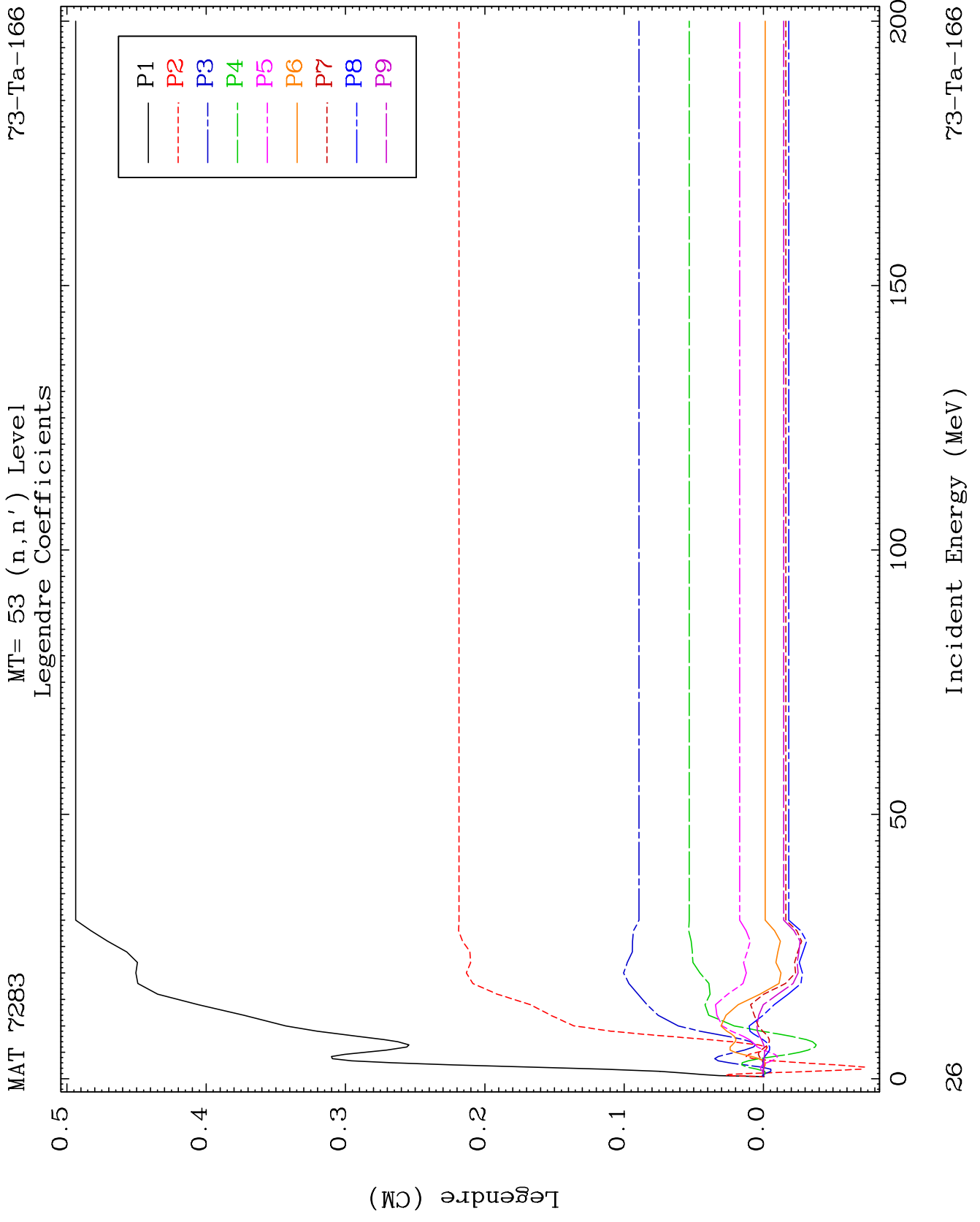


24

Incident Energy (MeV)

73-Ta-166

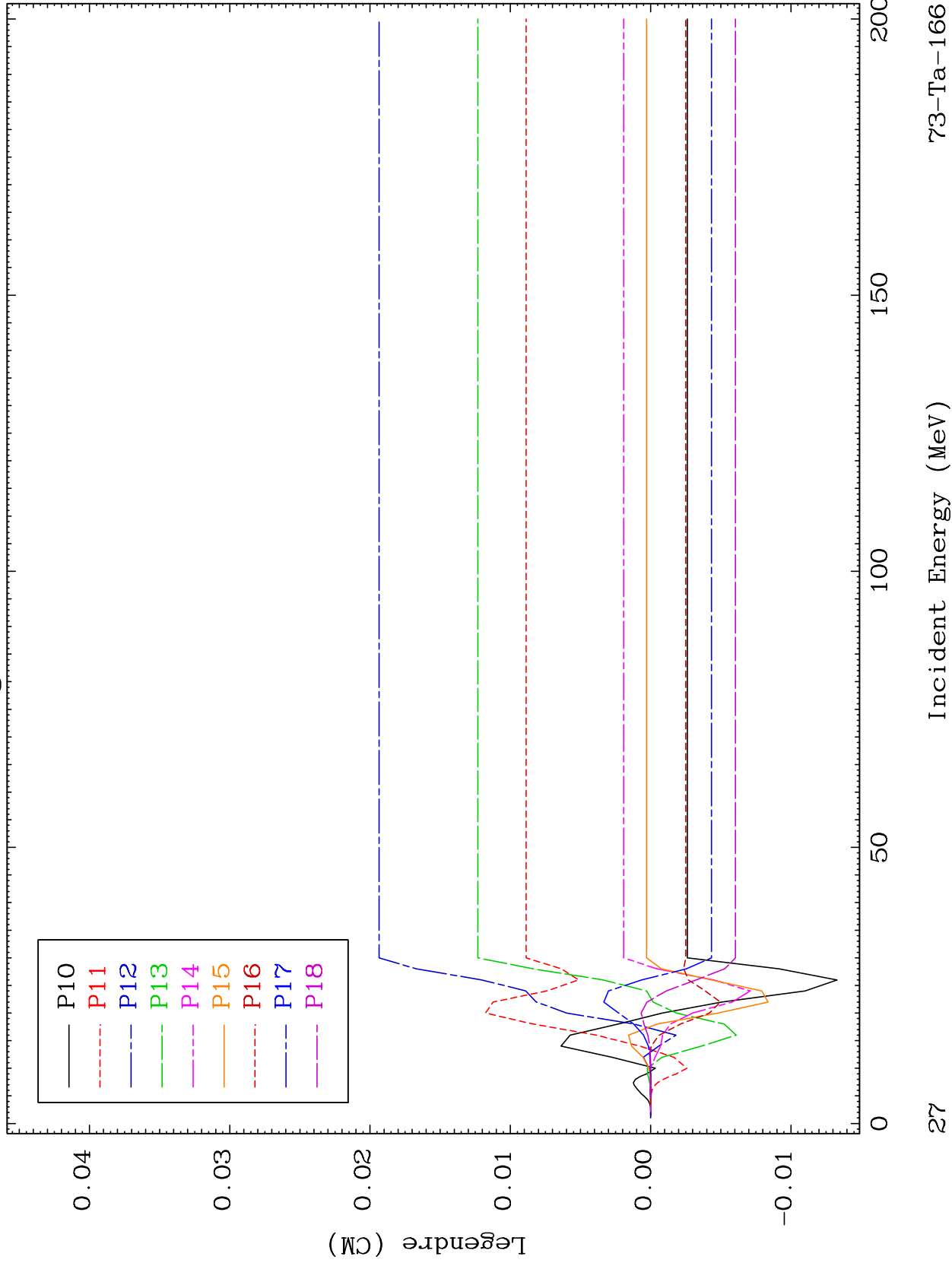




MAT 7283

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

73-Ta-166



27

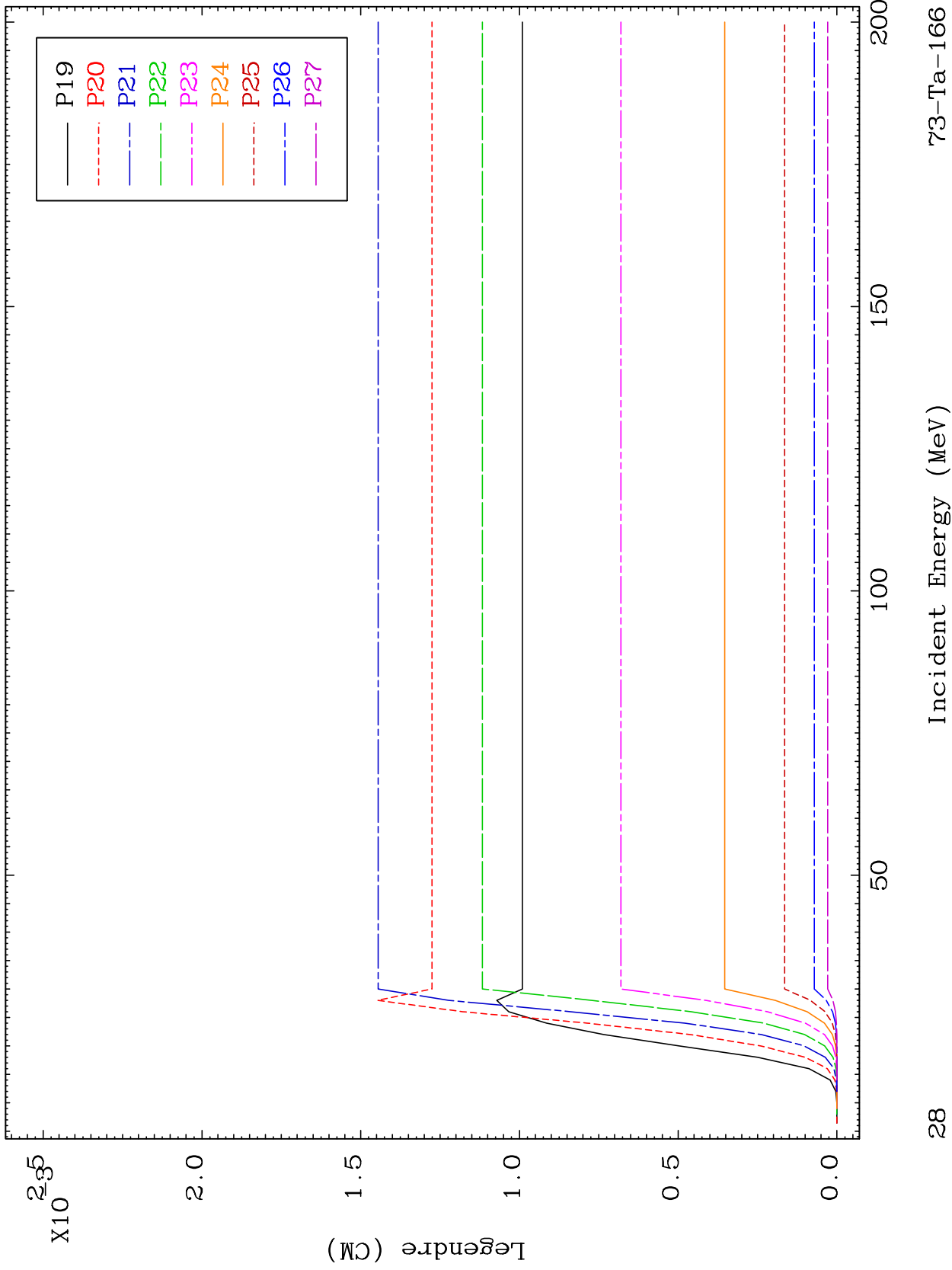
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



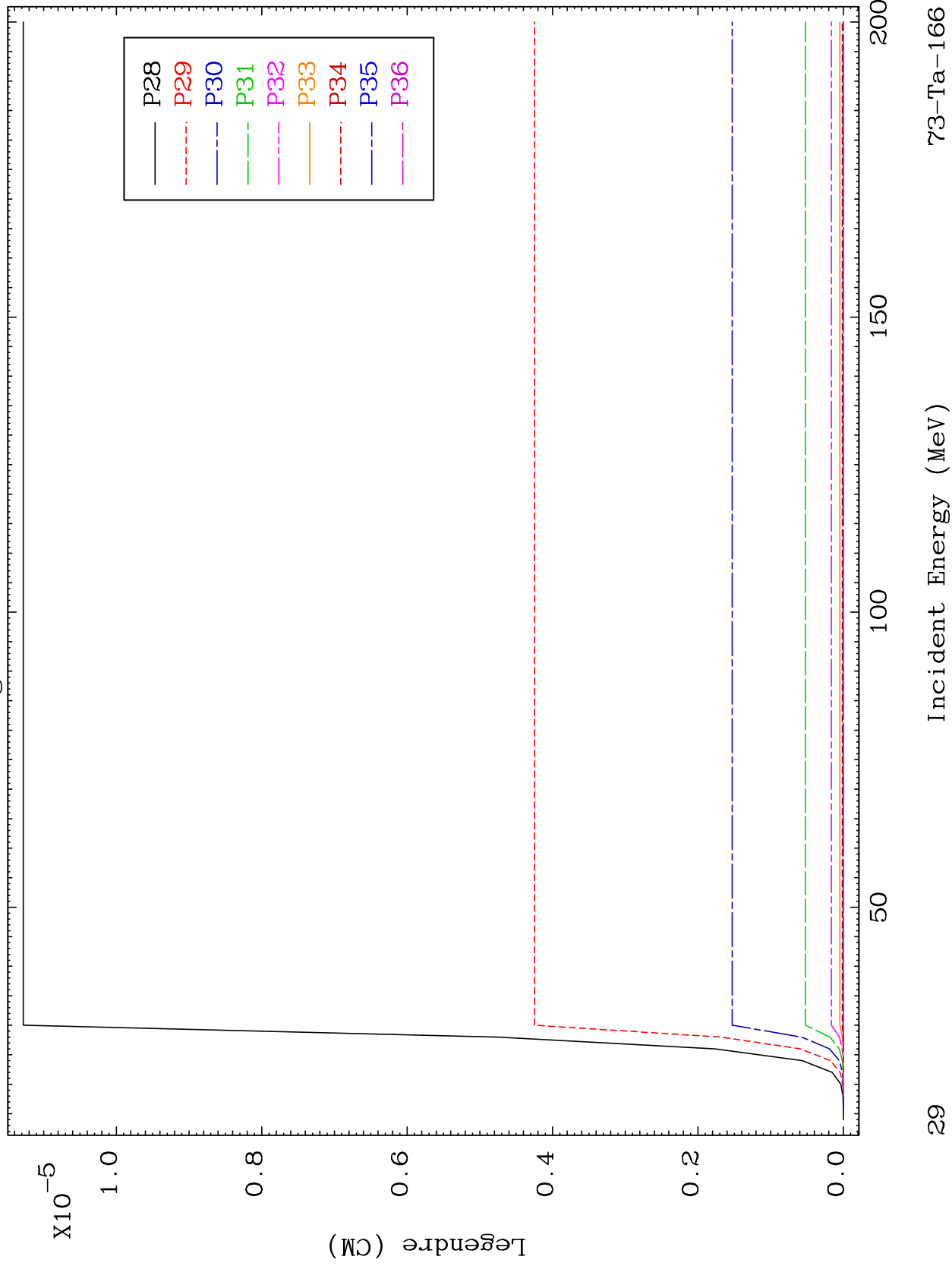
28

73-Ta-166

MAT 7283

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

73-Ta-166

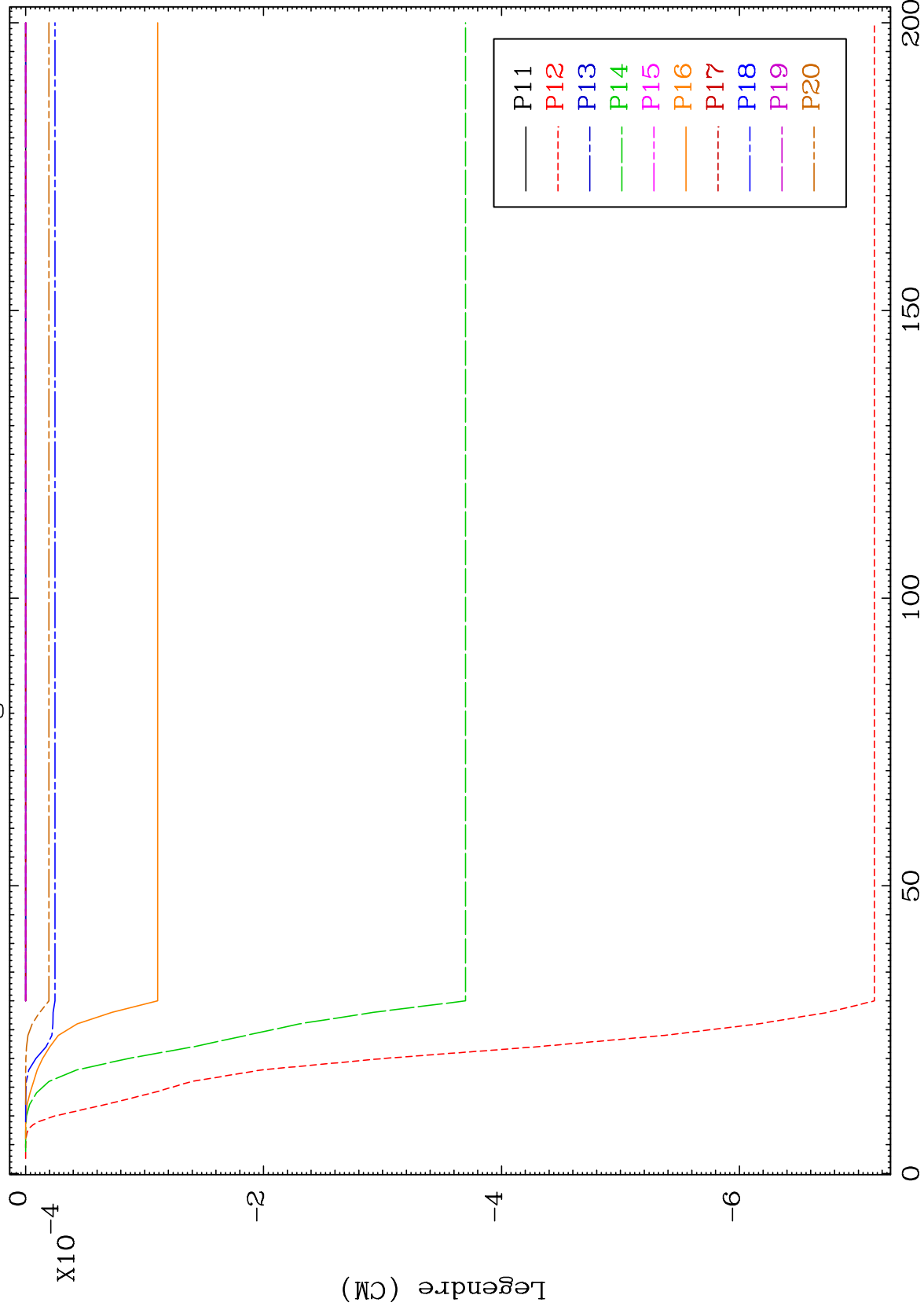


29

MAT 7283

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

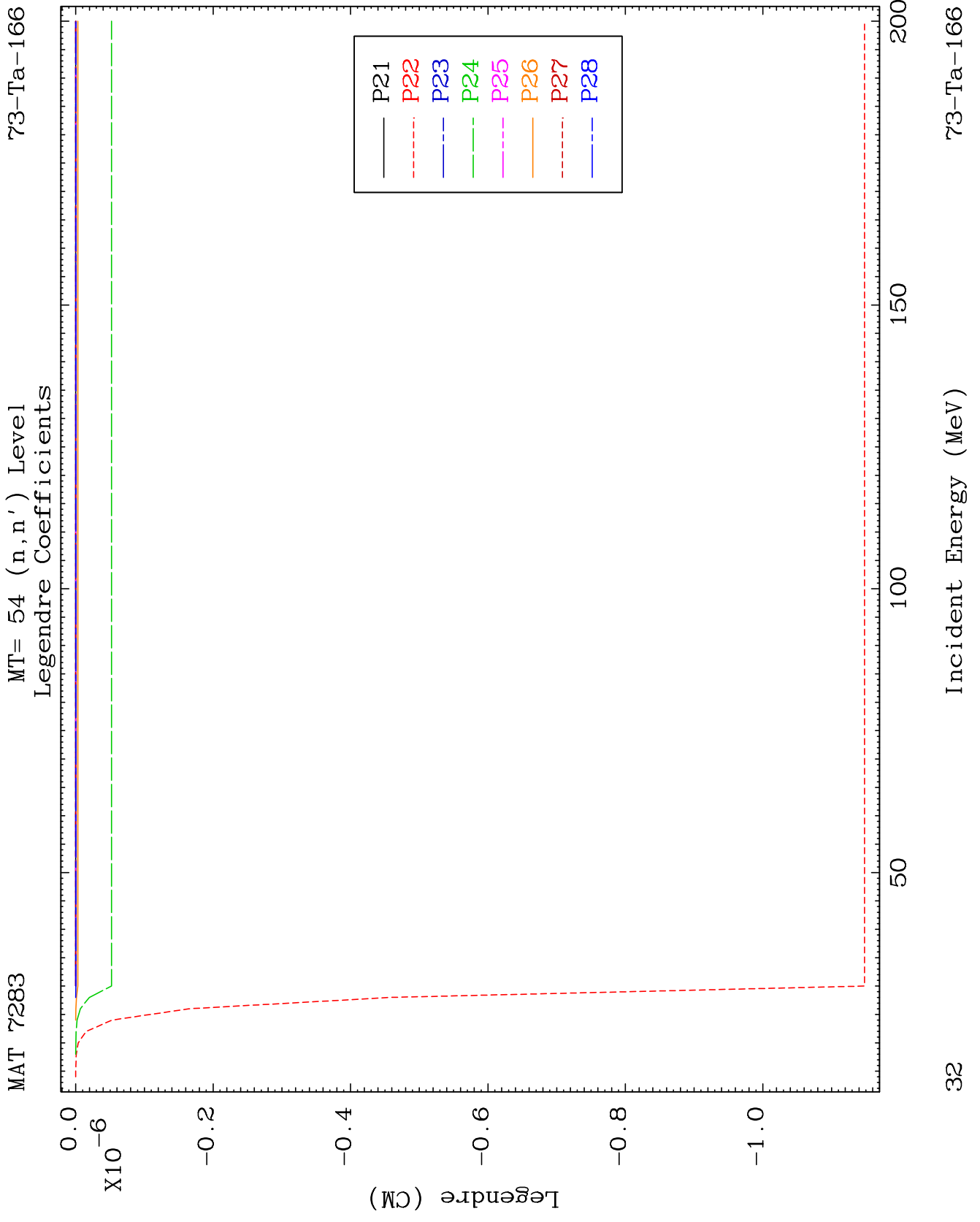
73-Ta-166



31

Incident Energy (MeV)

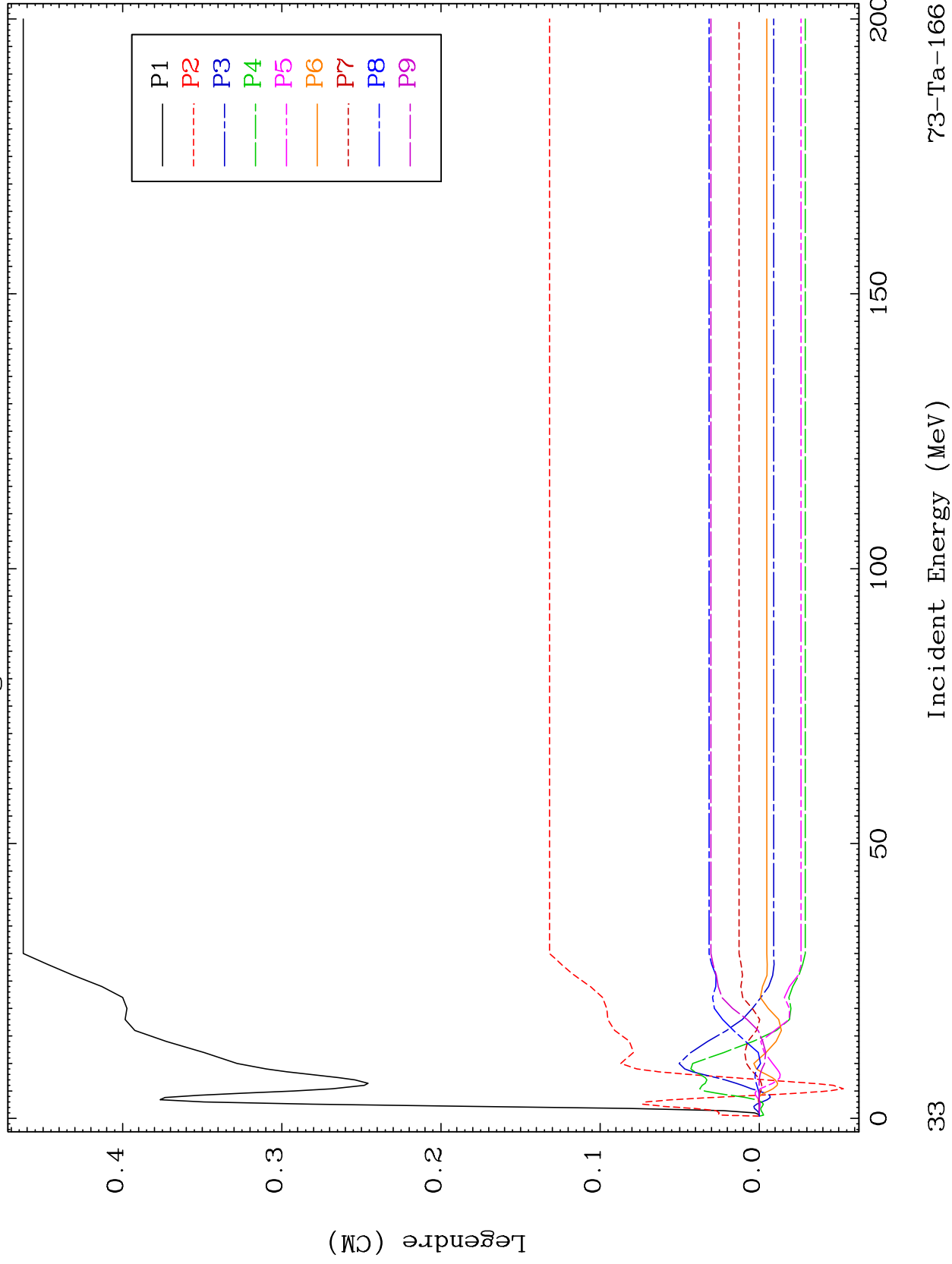
73-Ta-166



MAT 7283

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

73-Ta-166



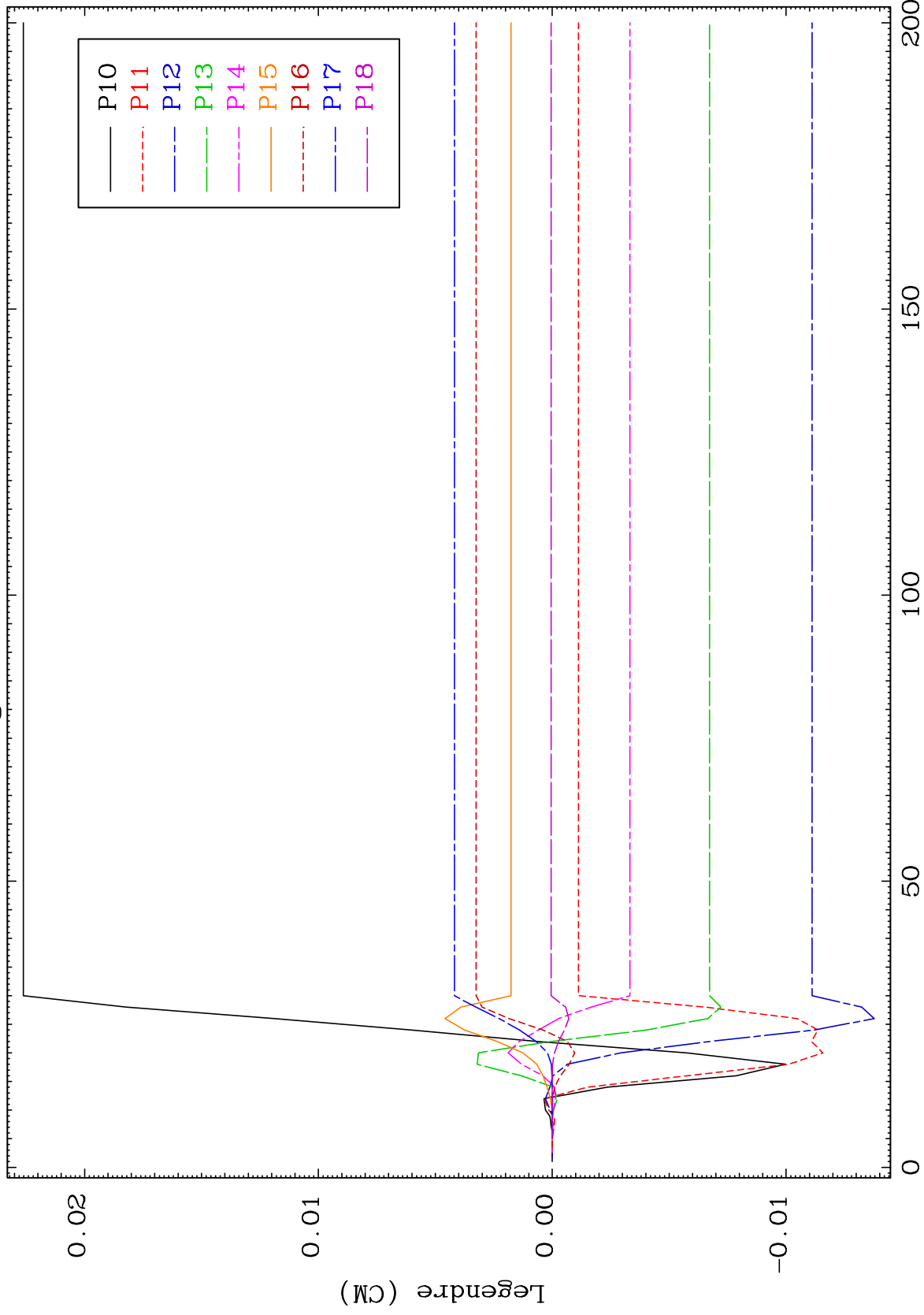
33

73-Ta-166

MAT 7283

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

73-Ta-166



34

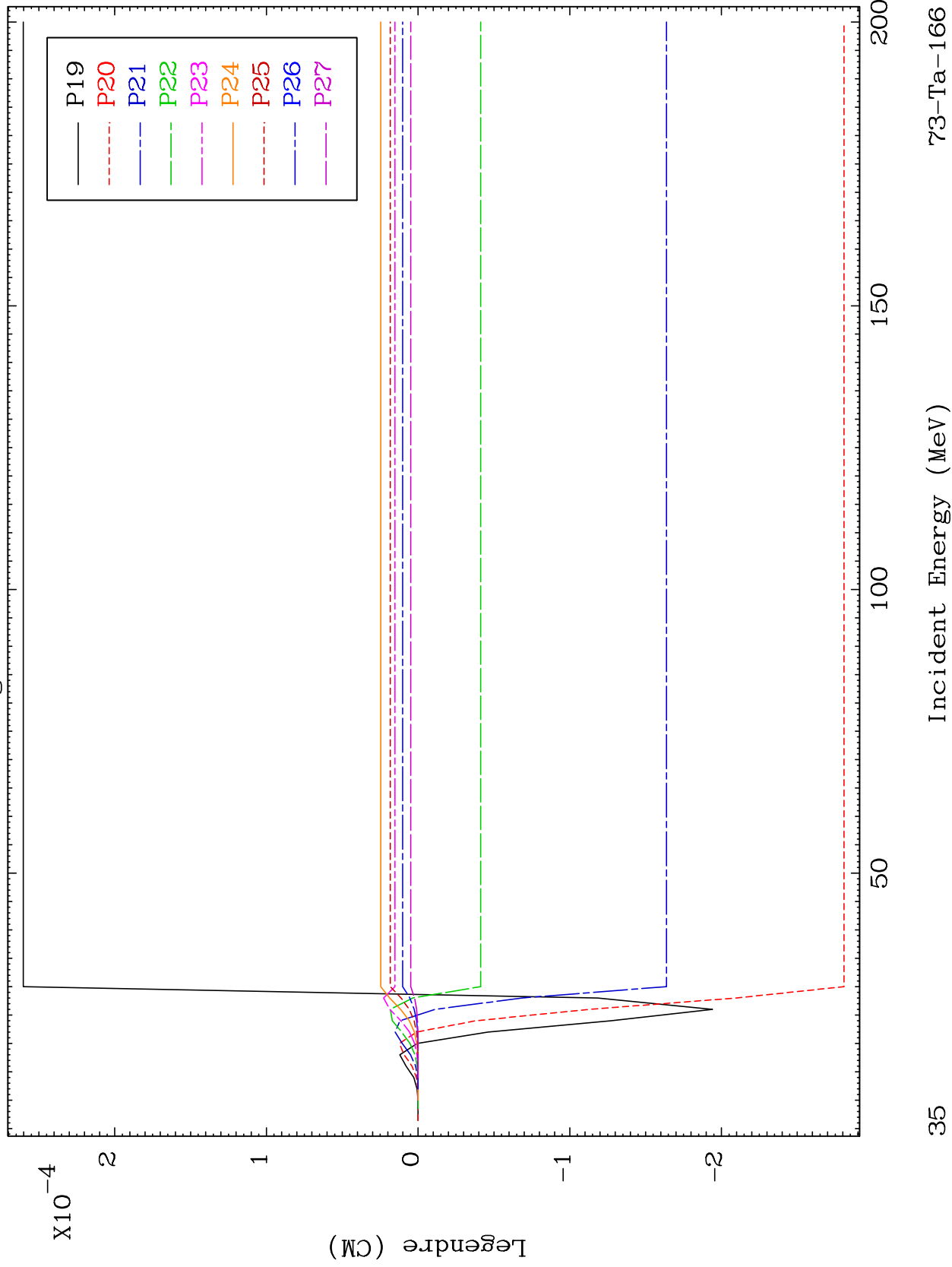
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



35

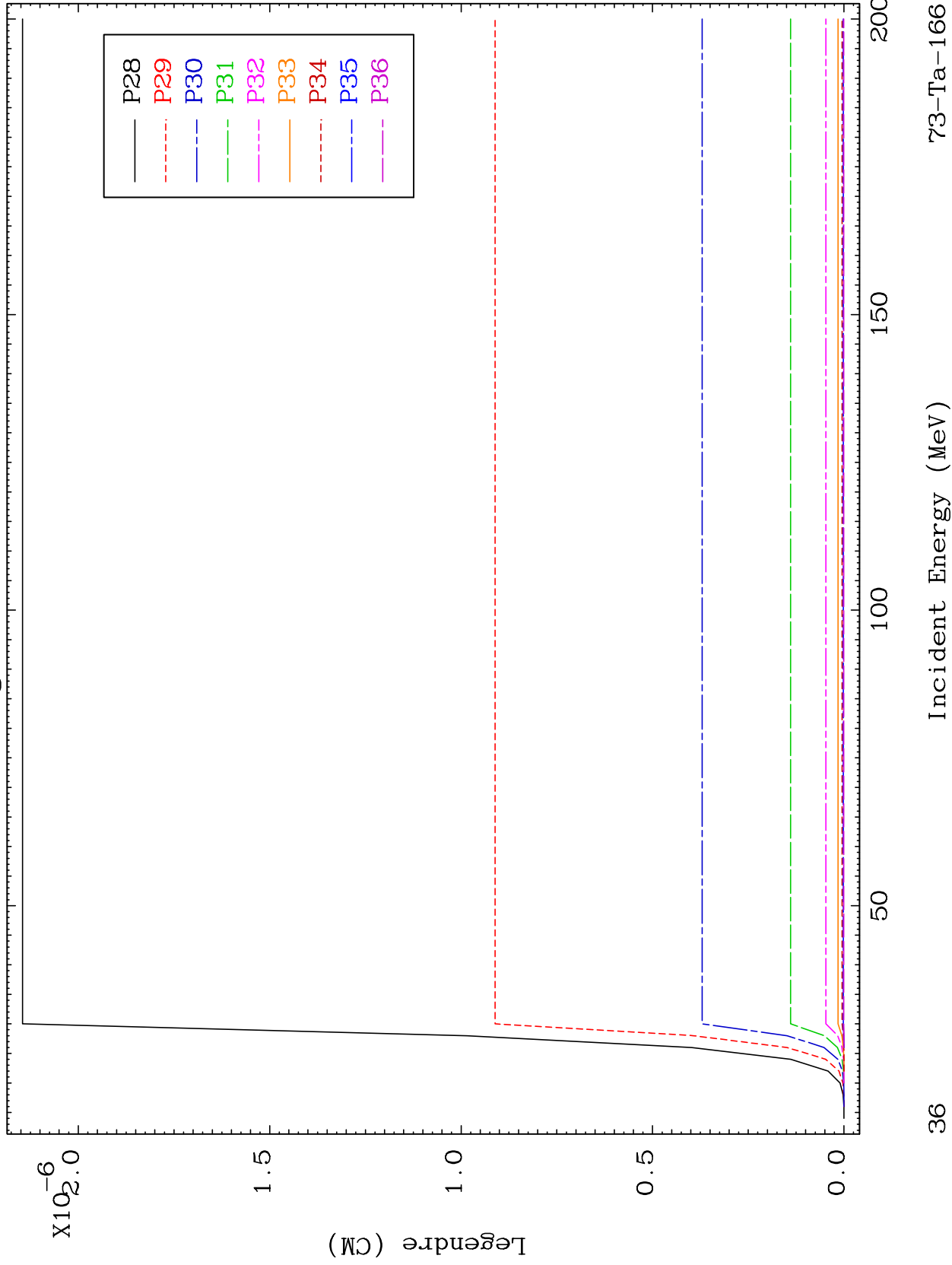
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



36

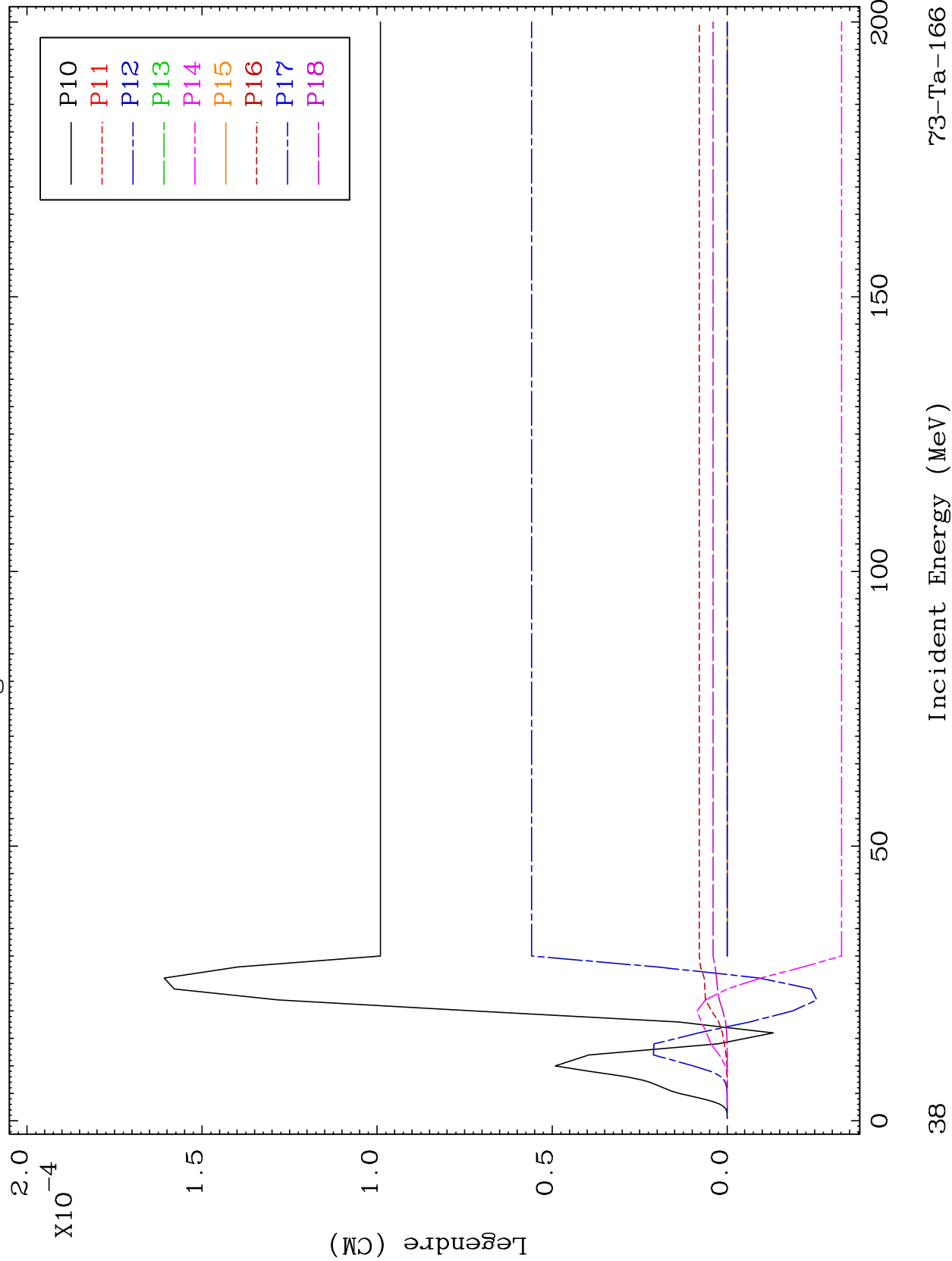
Incident Energy (MeV)

73-Ta-166

MAT 7283

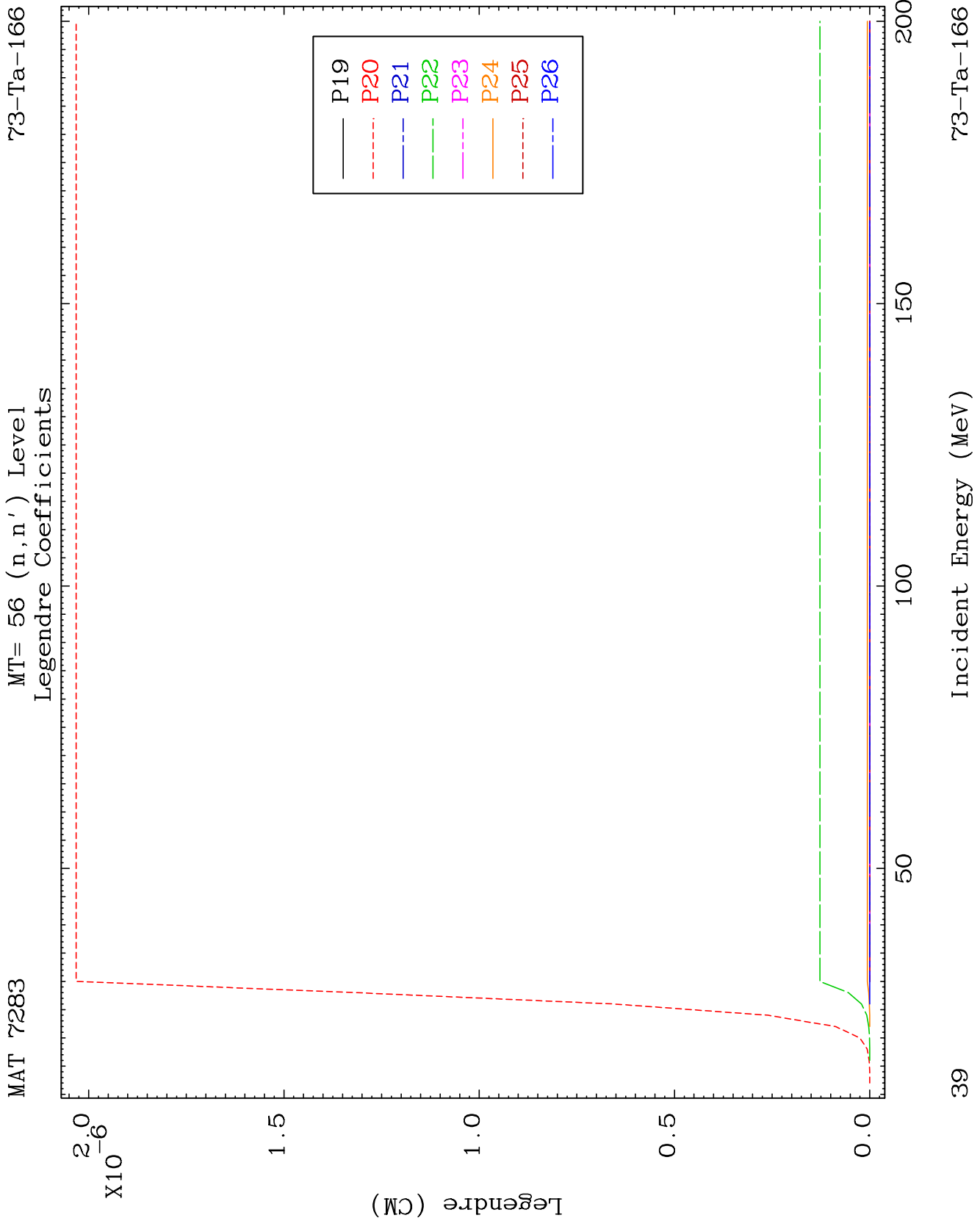
MT= 56 (n,n') Level
Legendre Coefficients

73-Ta-166



38

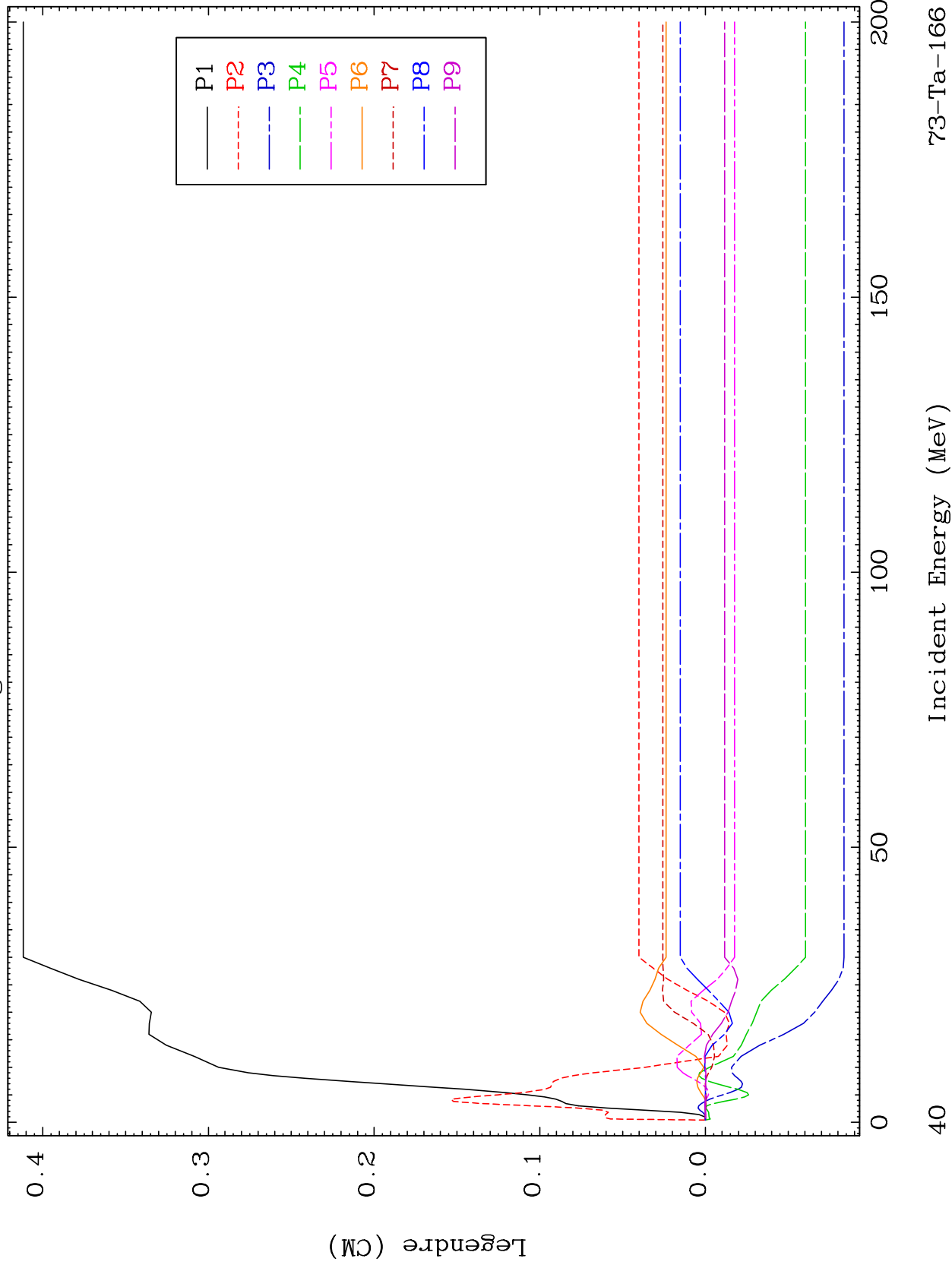
73-Ta-166



MAT 7283

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

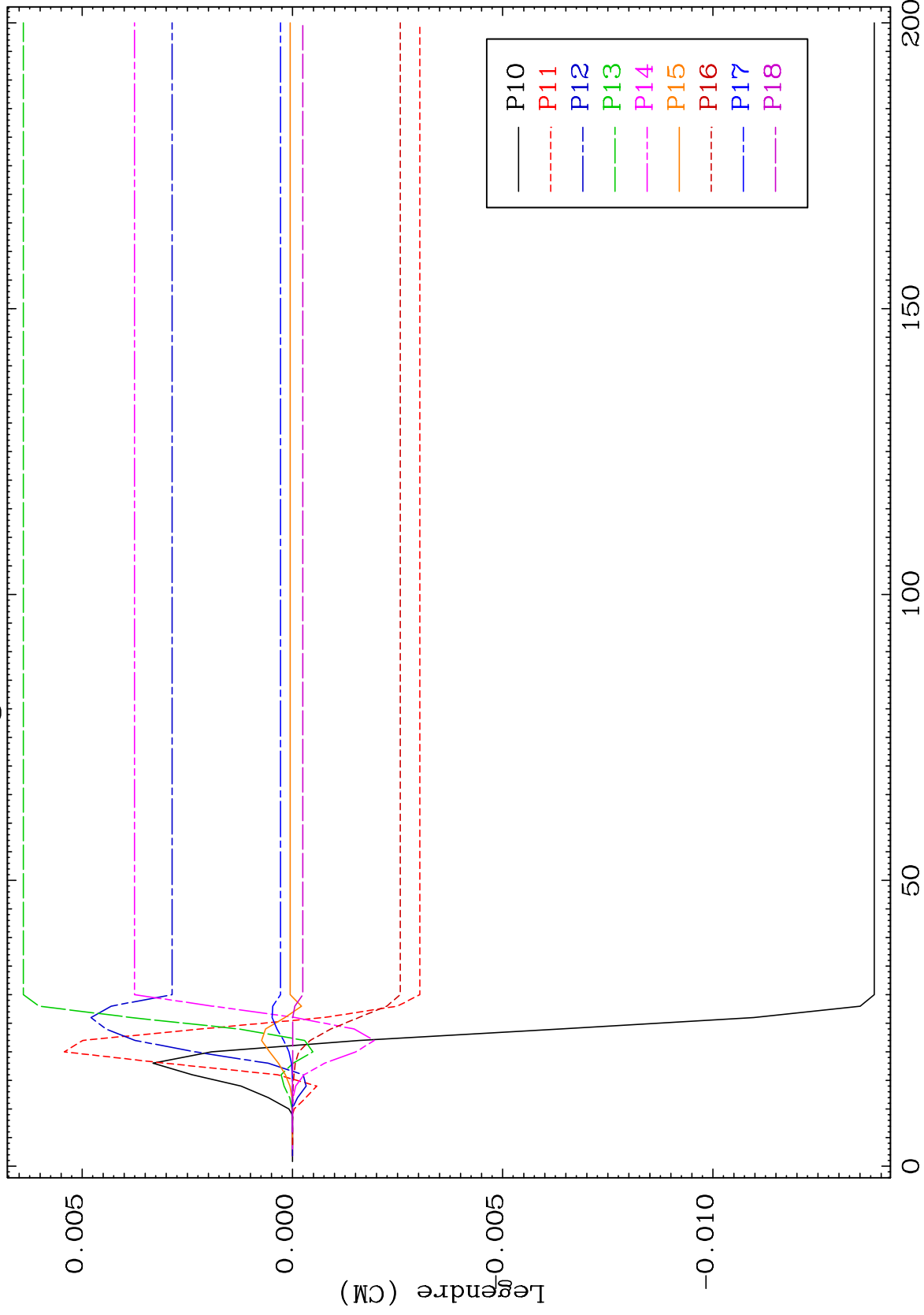
73-Ta-166



MAT 7283

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

73-Ta-166



41

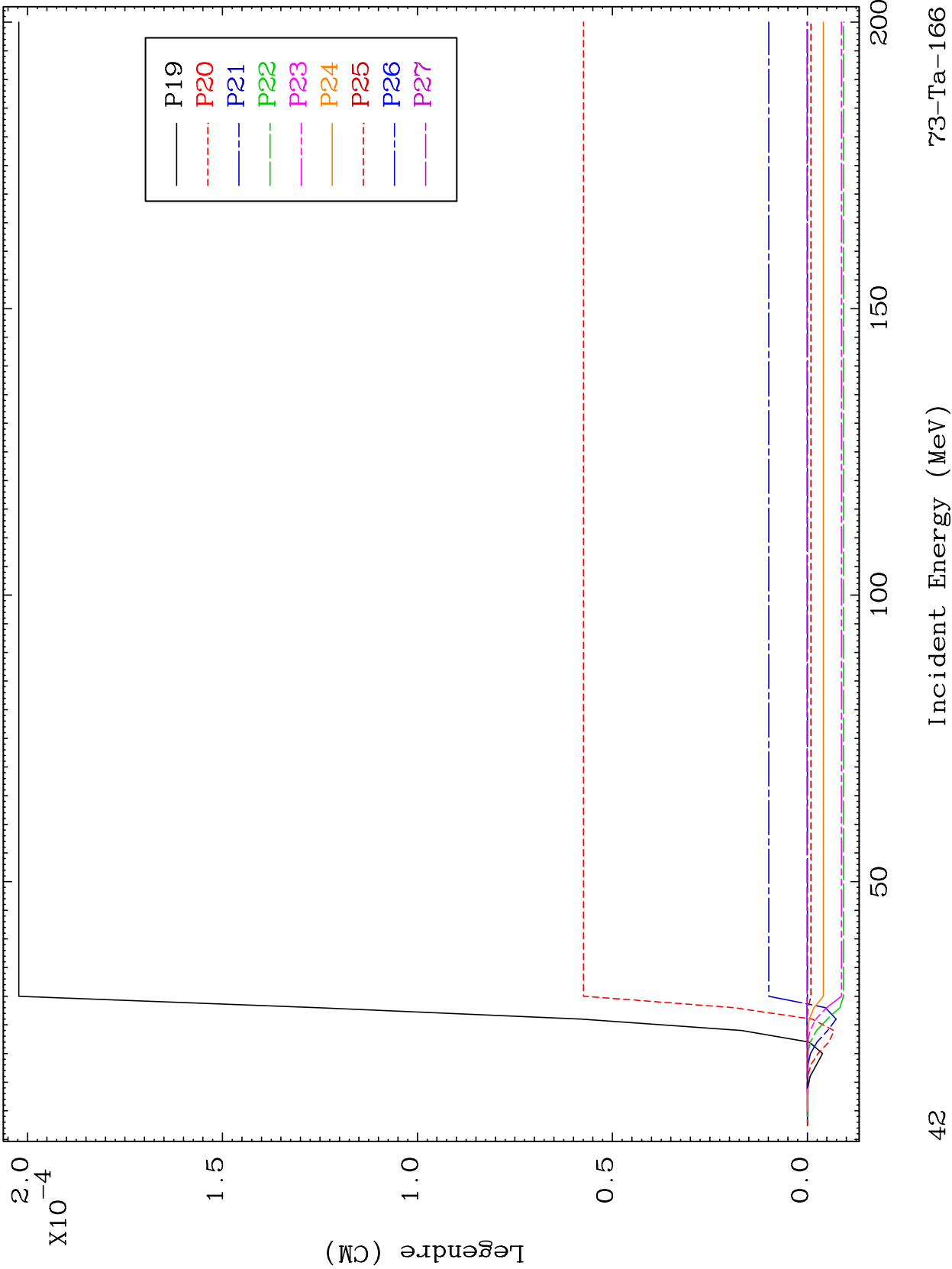
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

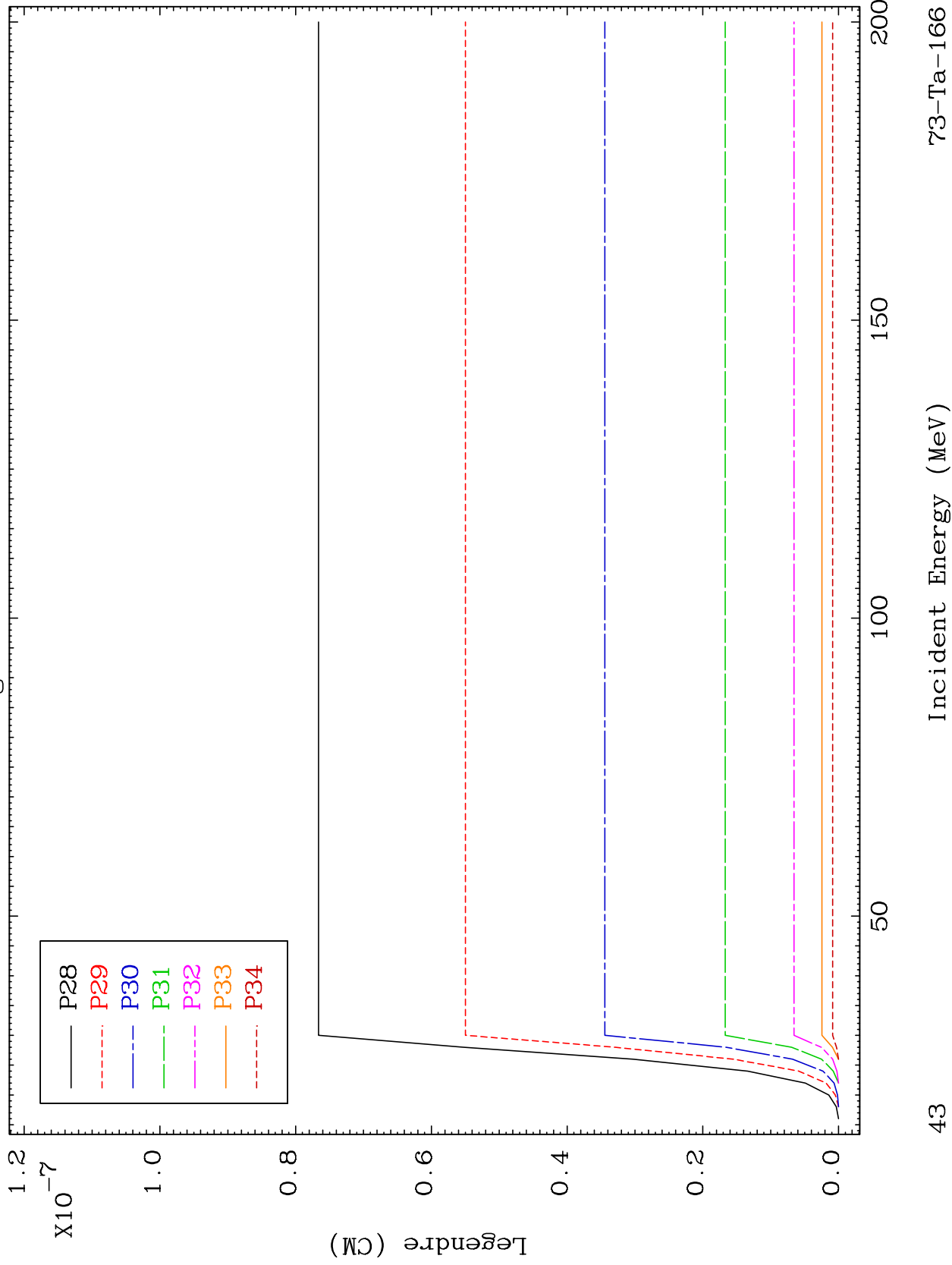
73-Ta-166



MAT 7283

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

73-Ta-166



43

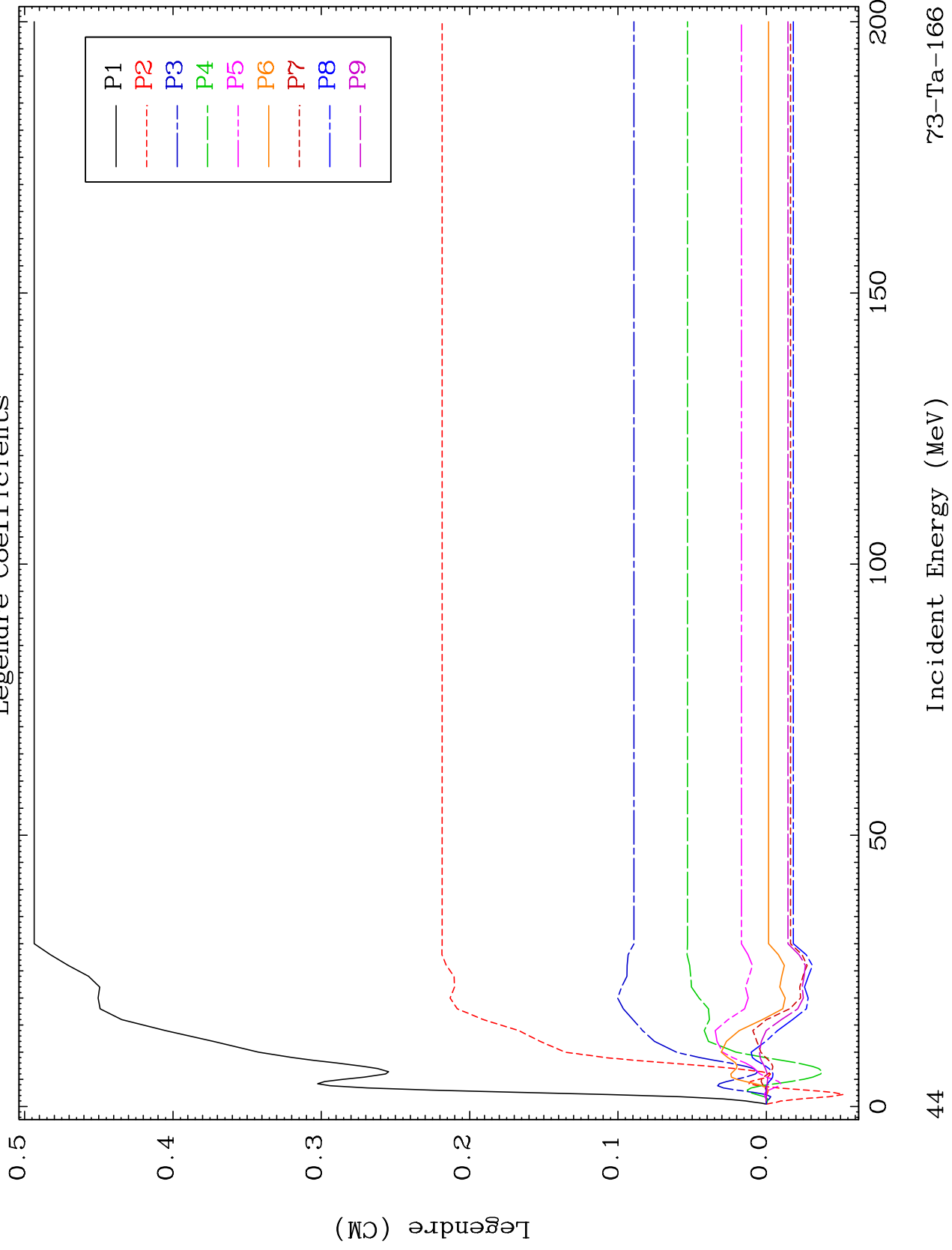
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



73-Ta-166

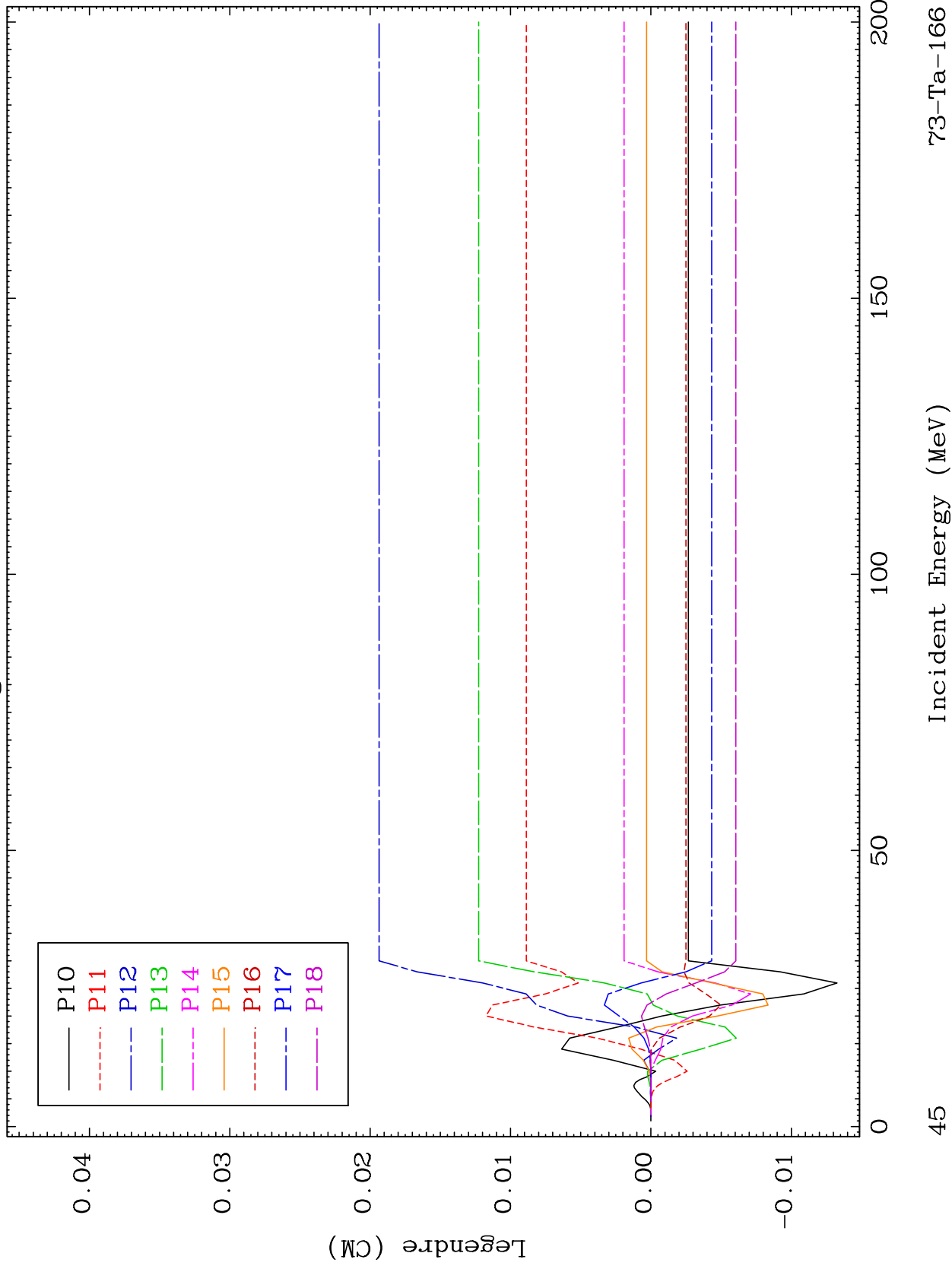
Incident Energy (MeV)

44

MAT 7283

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

73-Ta-166



73-Ta-166

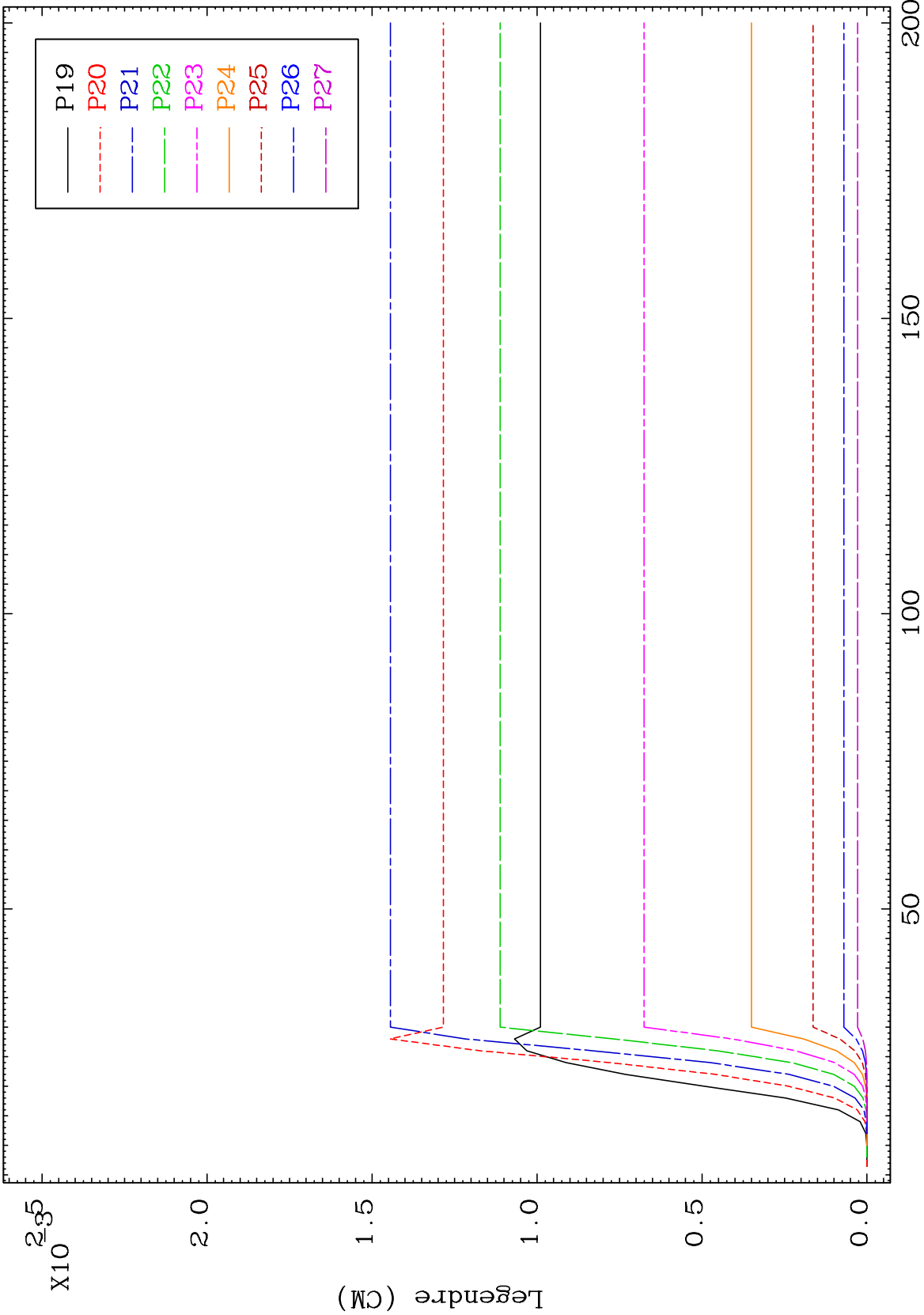
Incident Energy (MeV)

45

MAT 7283

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

73-Ta-166



46

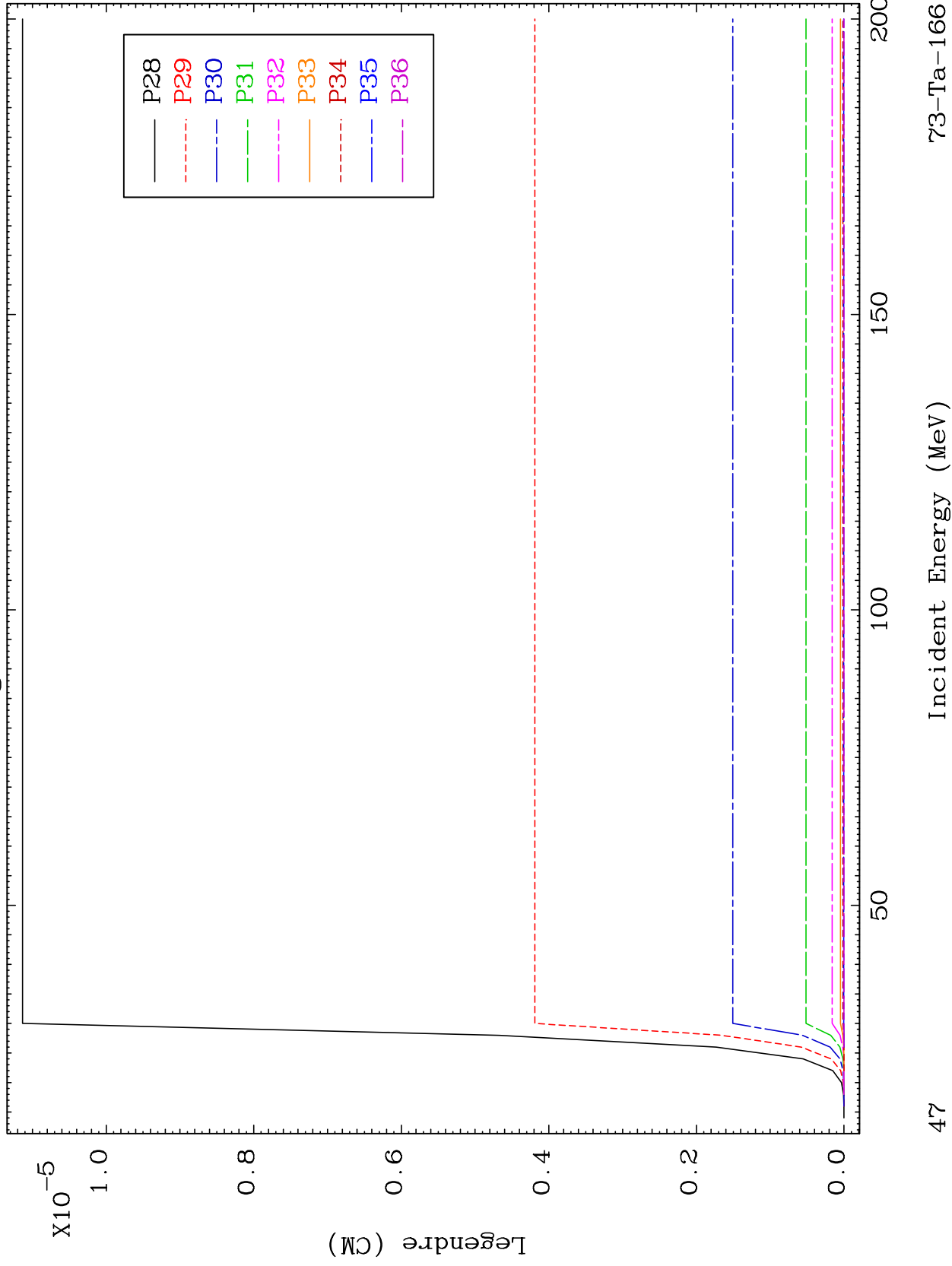
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



47

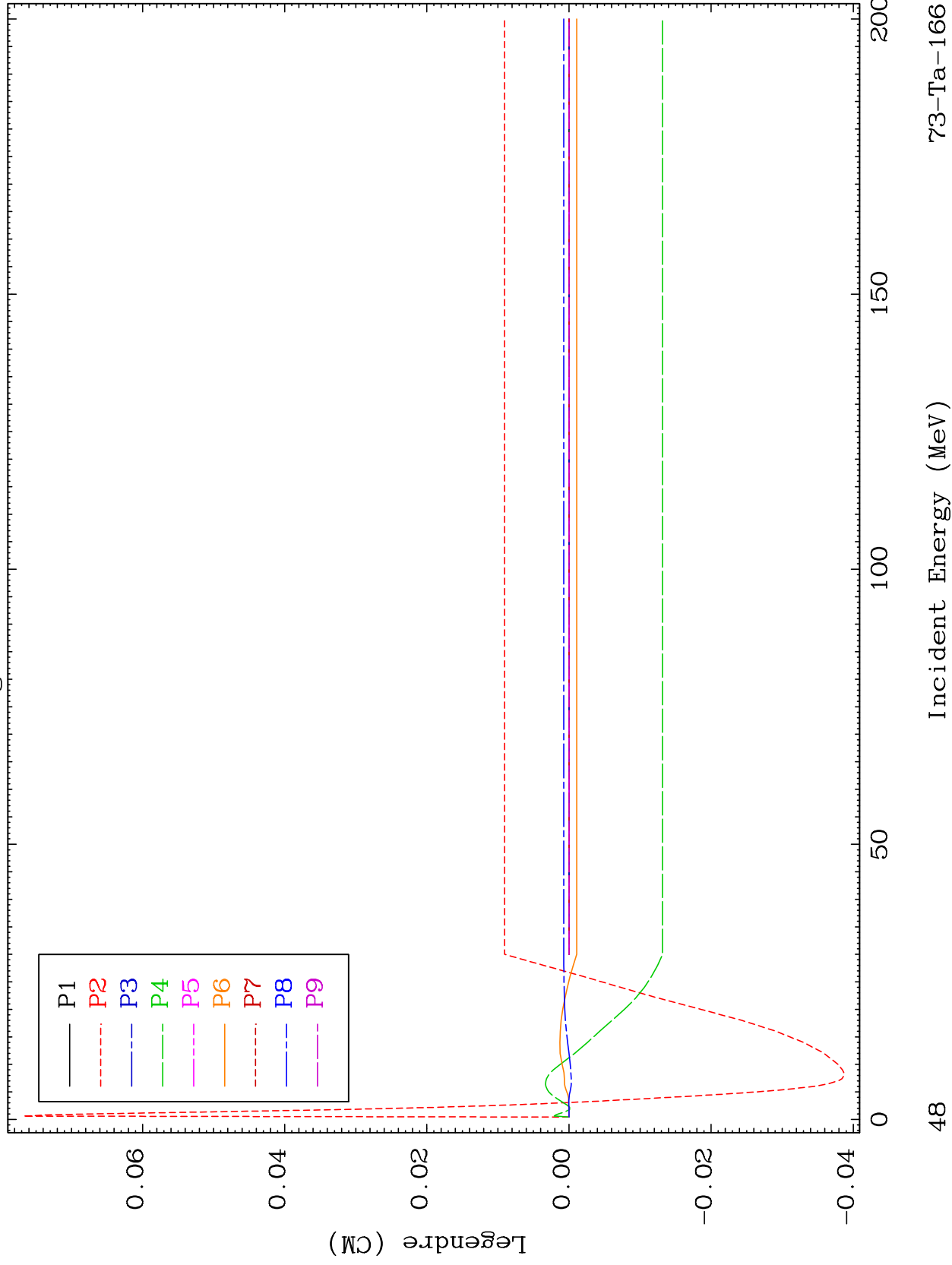
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



73-Ta-166

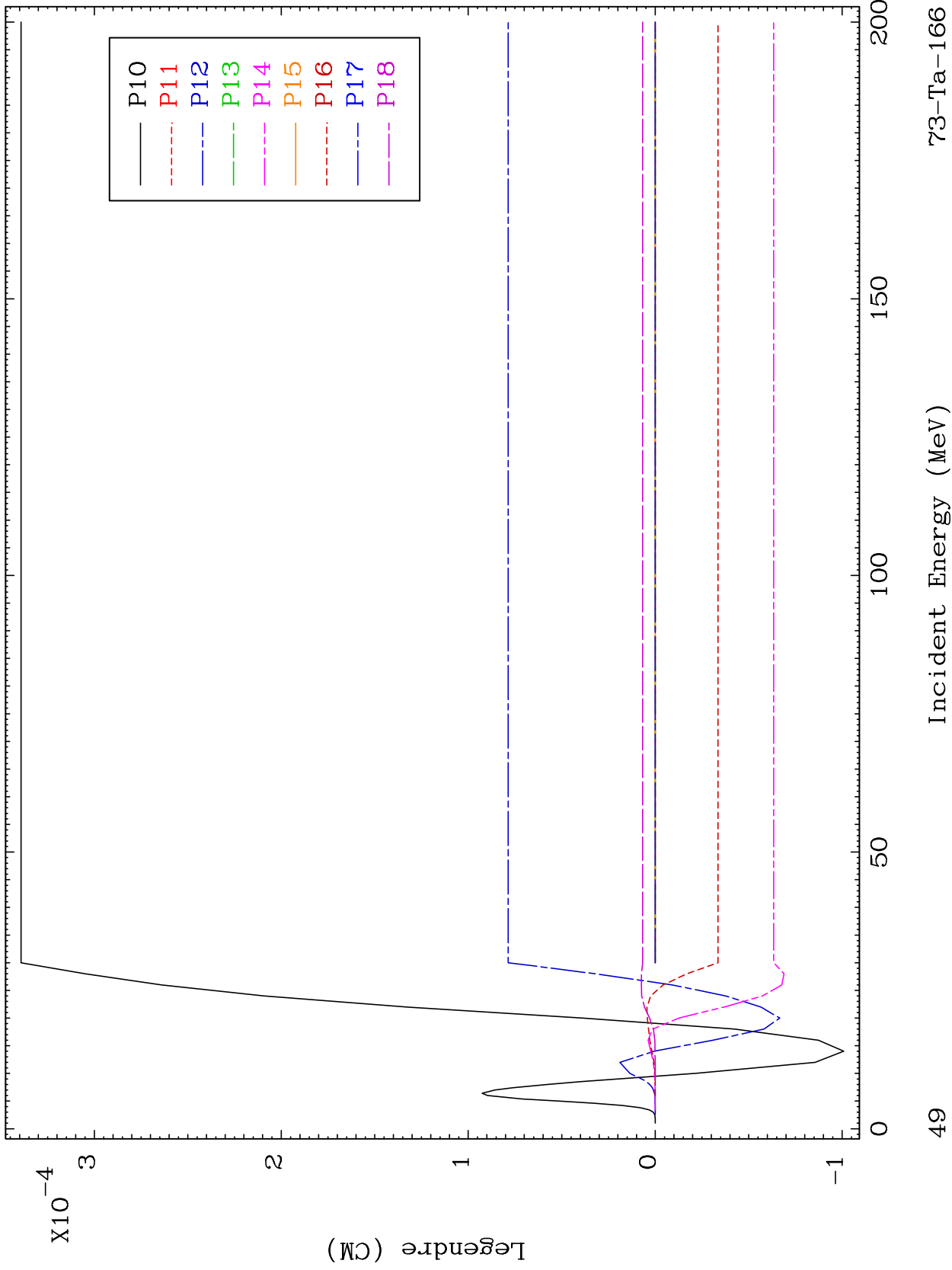
Incident Energy (MeV)

48

MAT 7283

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

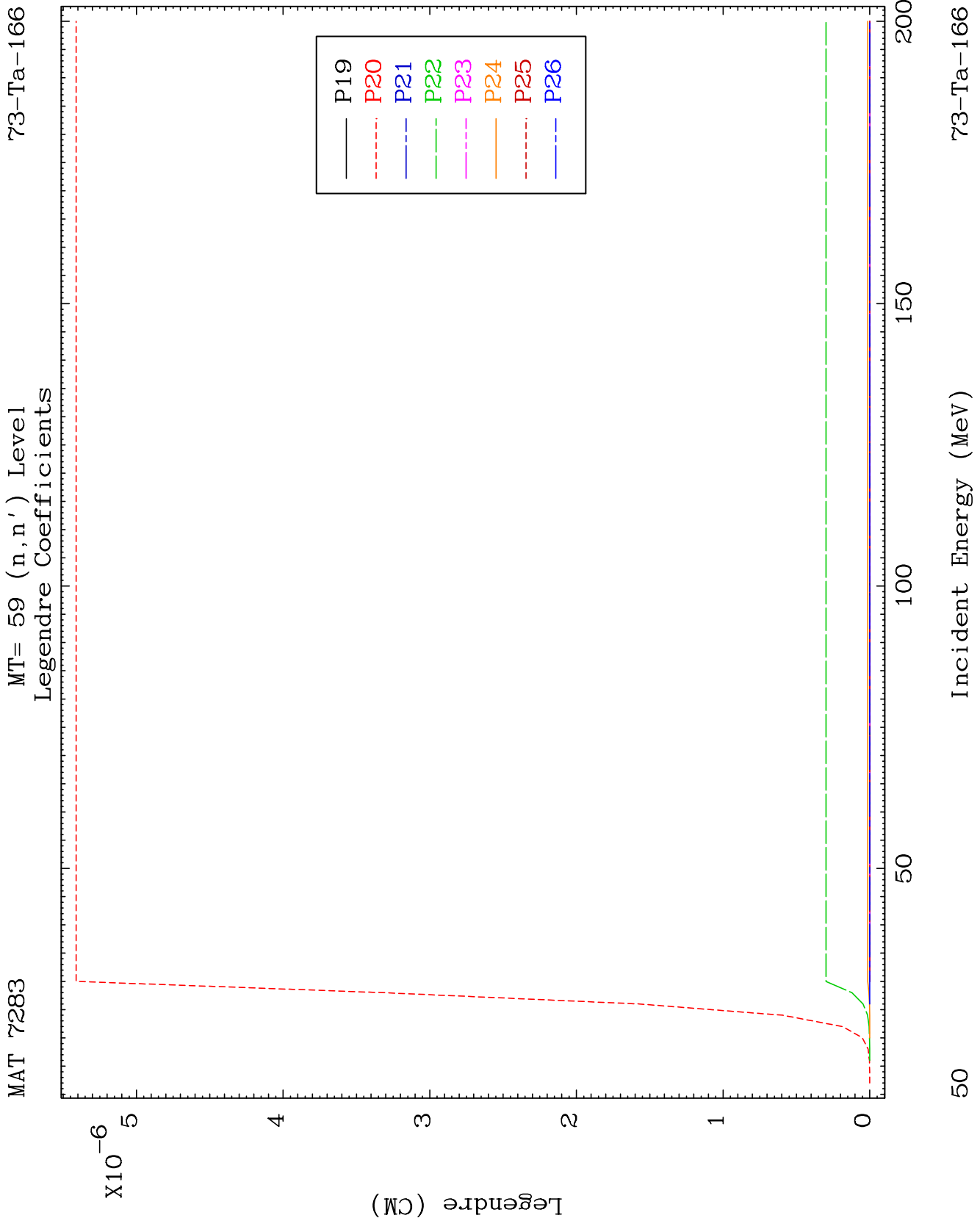
73-Ta-166



73-Ta-166

Incident Energy (MeV)

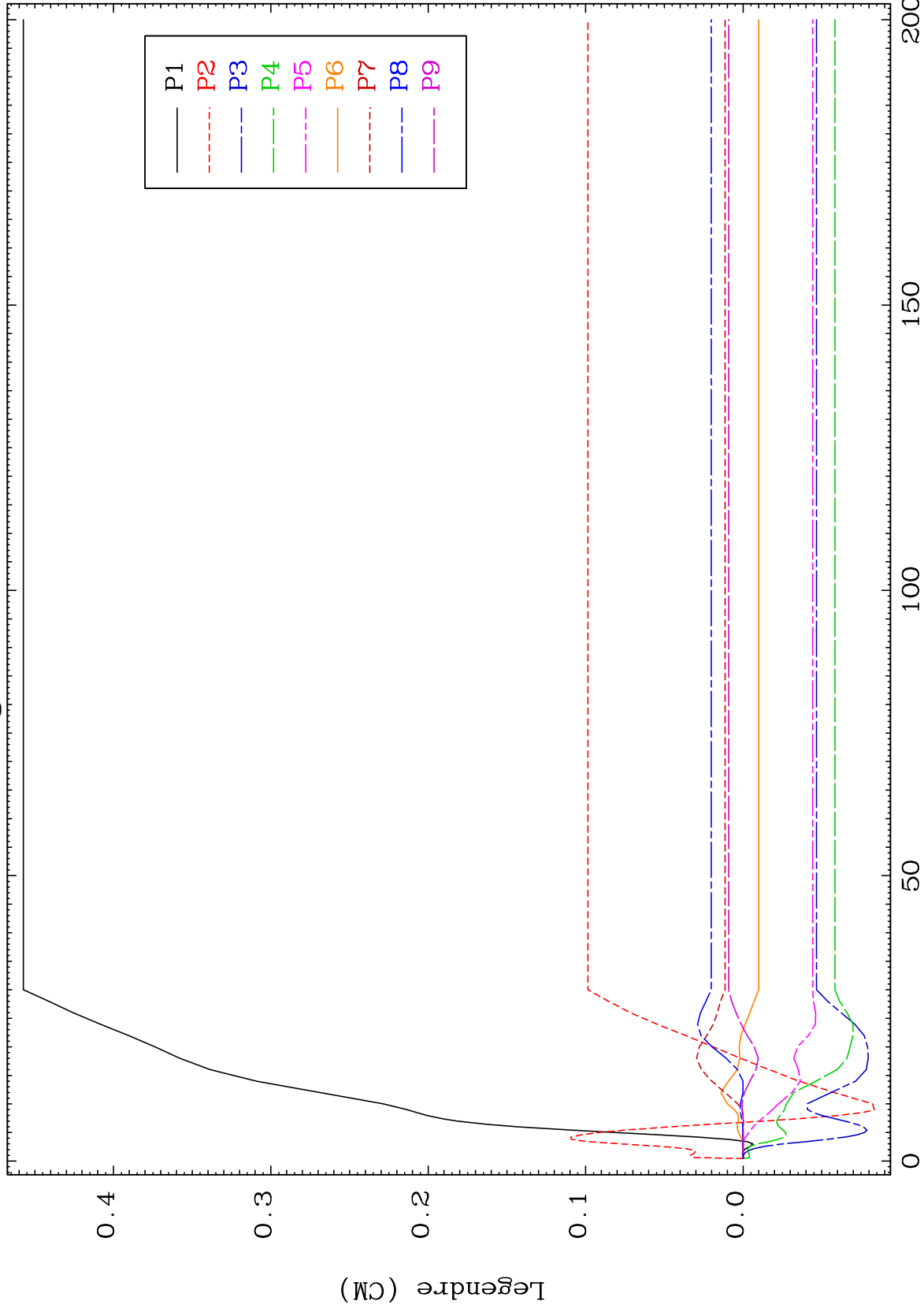
49



MAT 7283

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

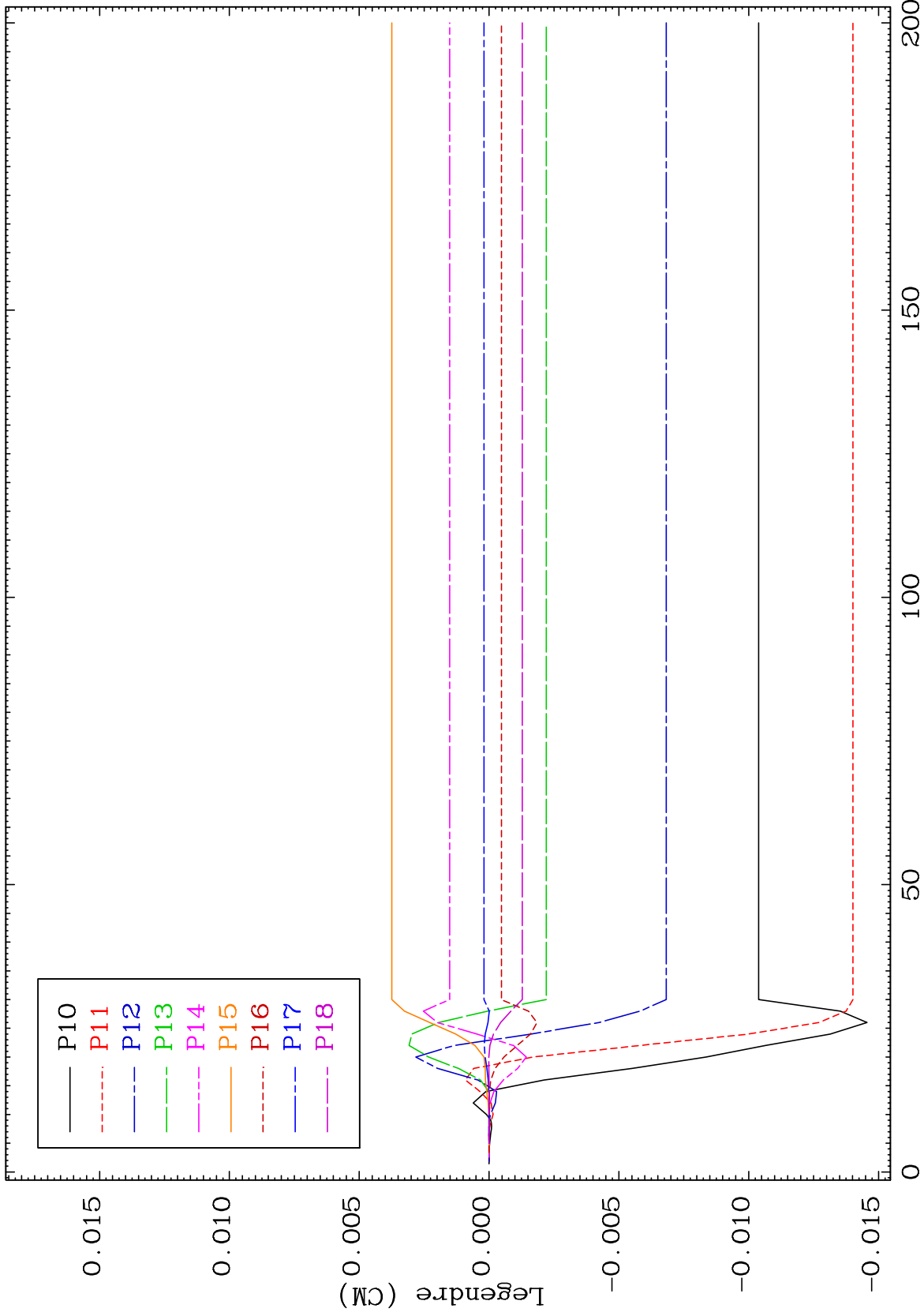
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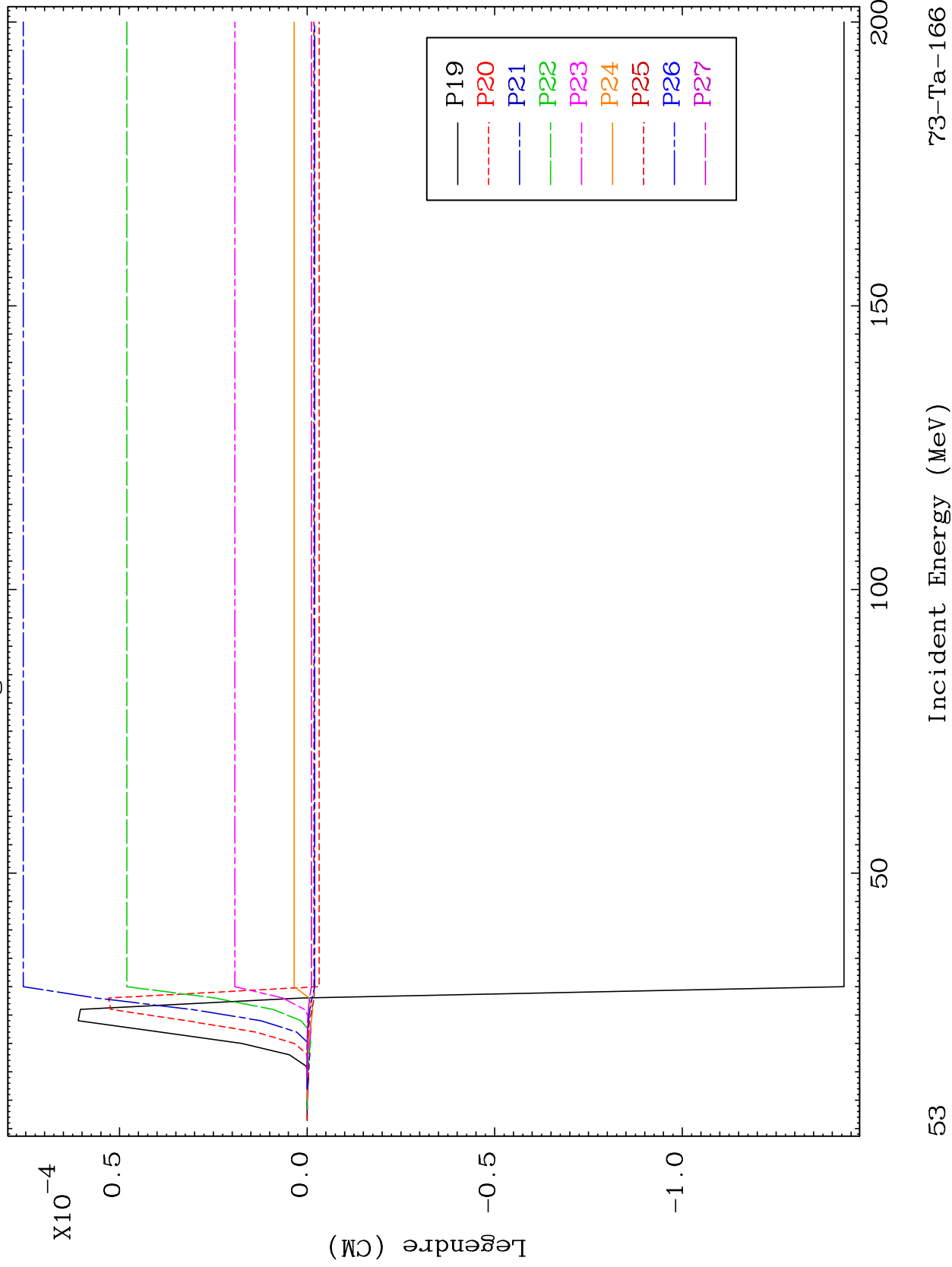


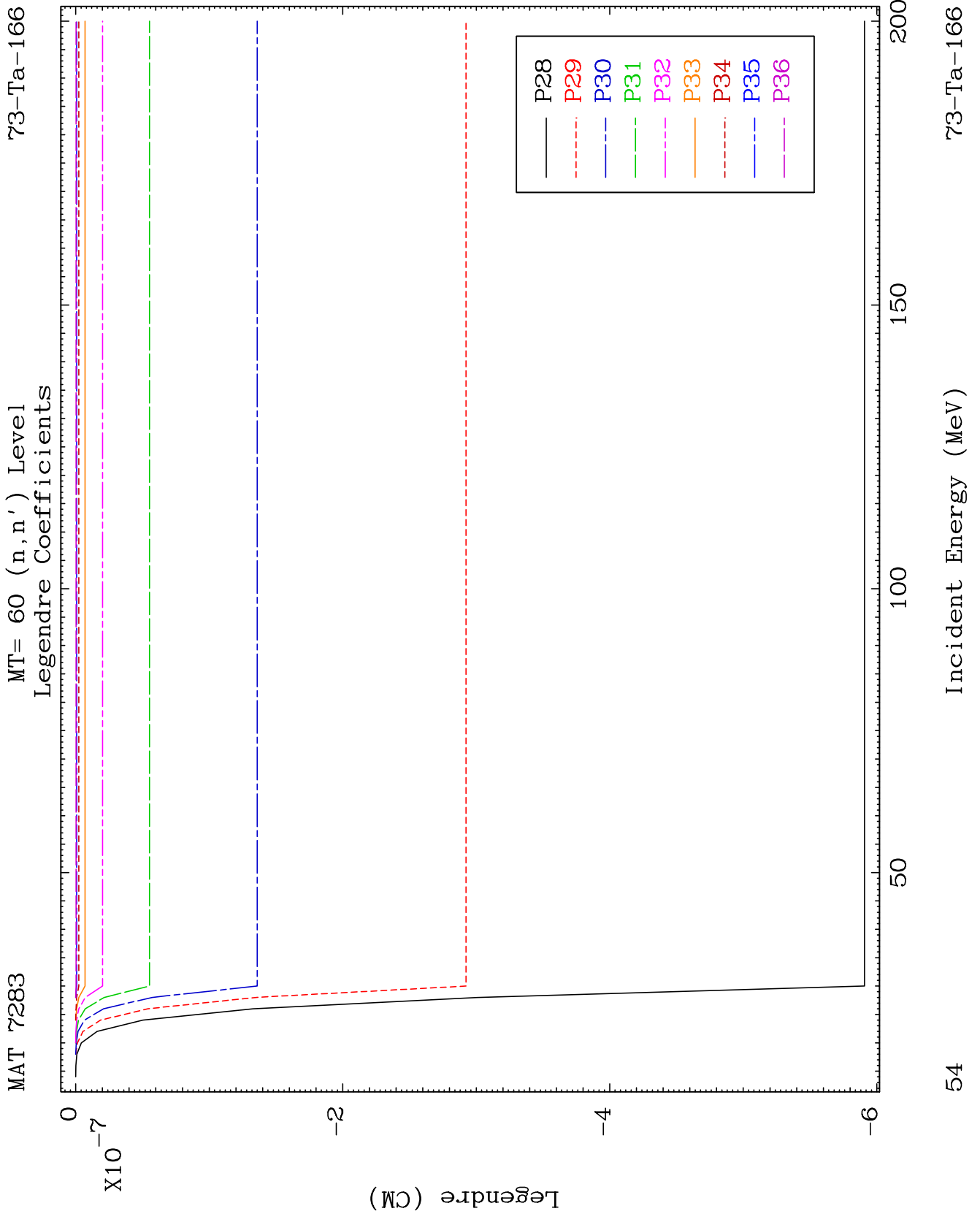
51

Incident Energy (MeV)

73-Ta-166



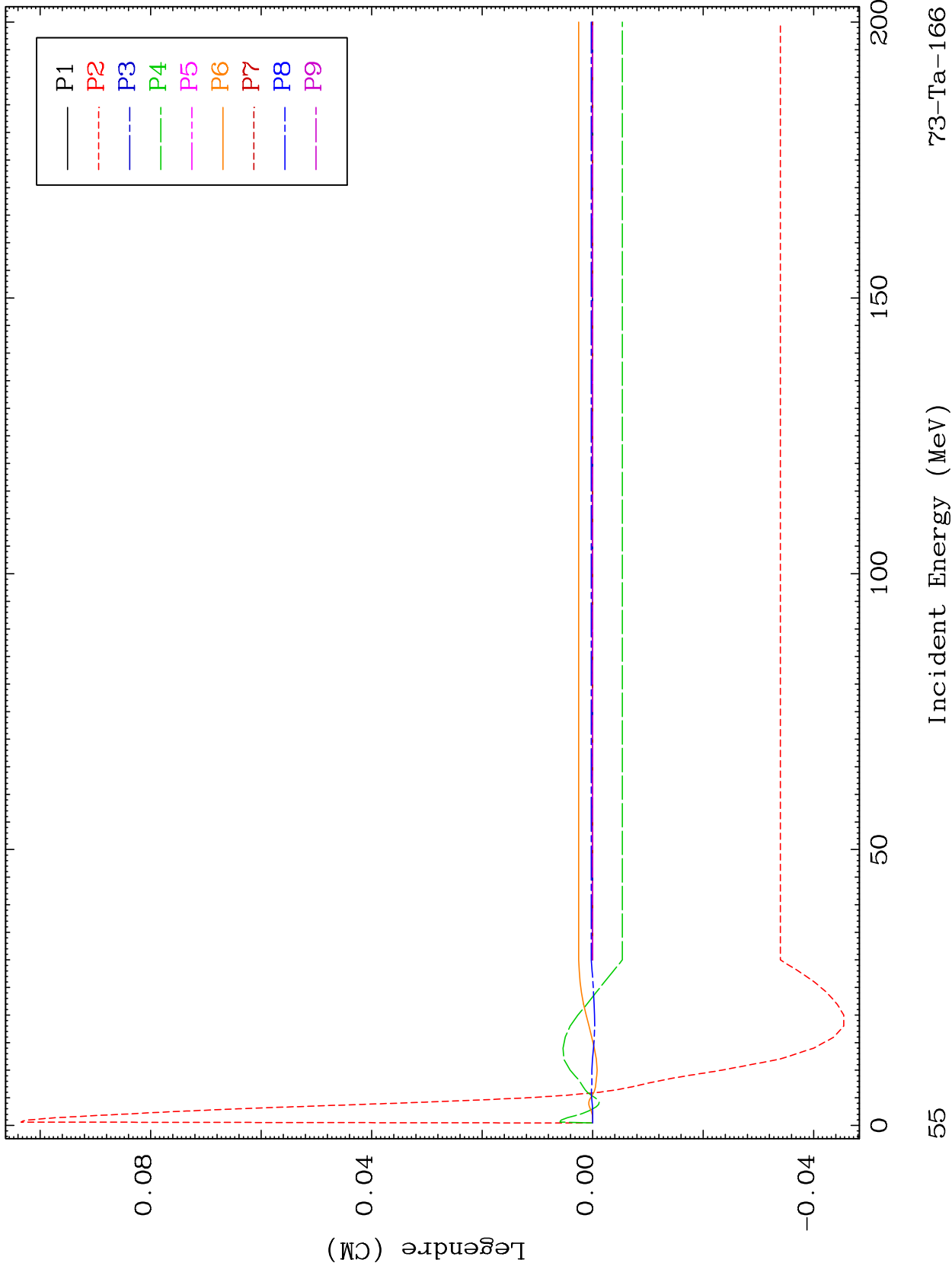




MAT 7283

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

73-Ta-166



73-Ta-166

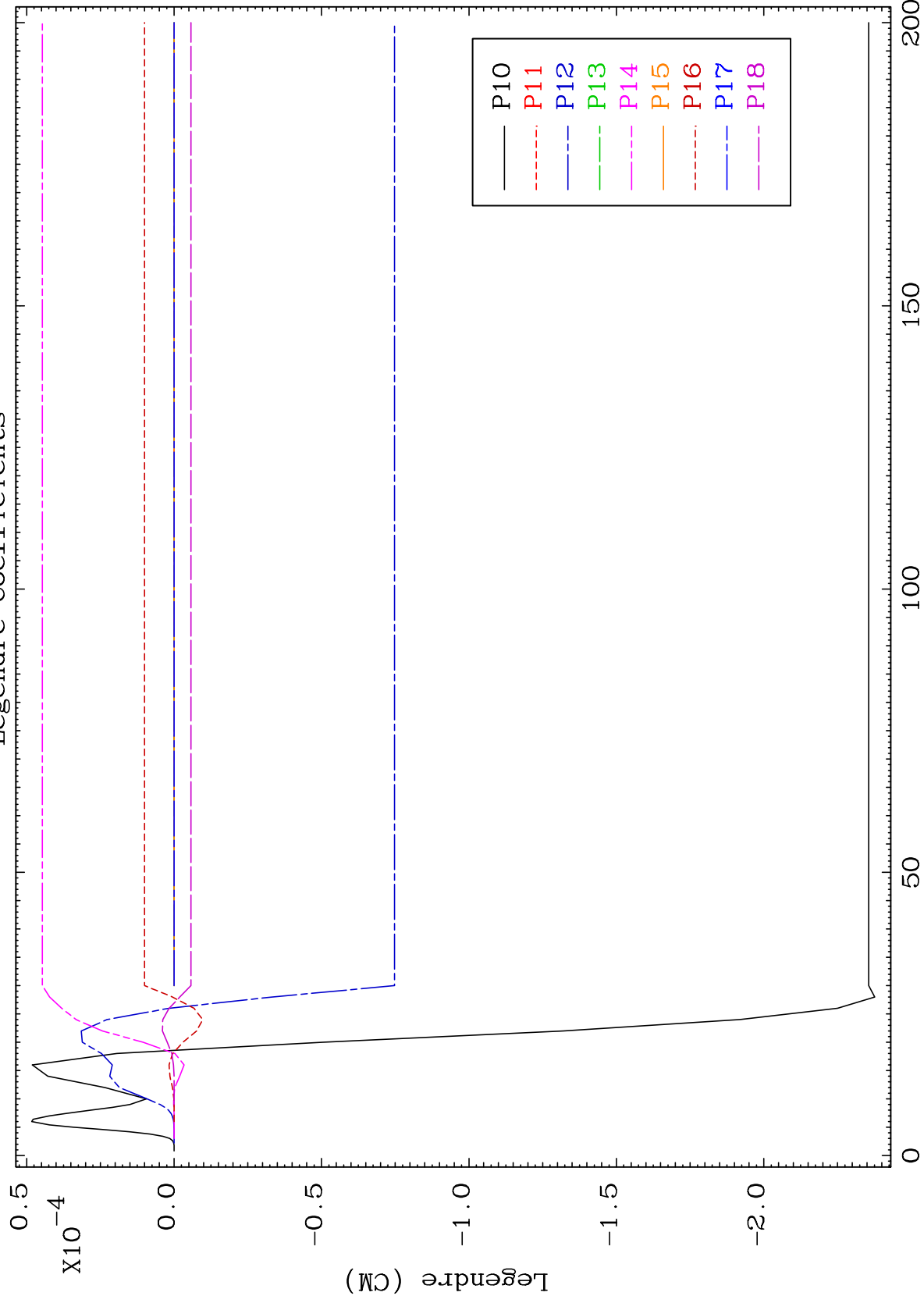
Incident Energy (MeV)

55

MAT 7283

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

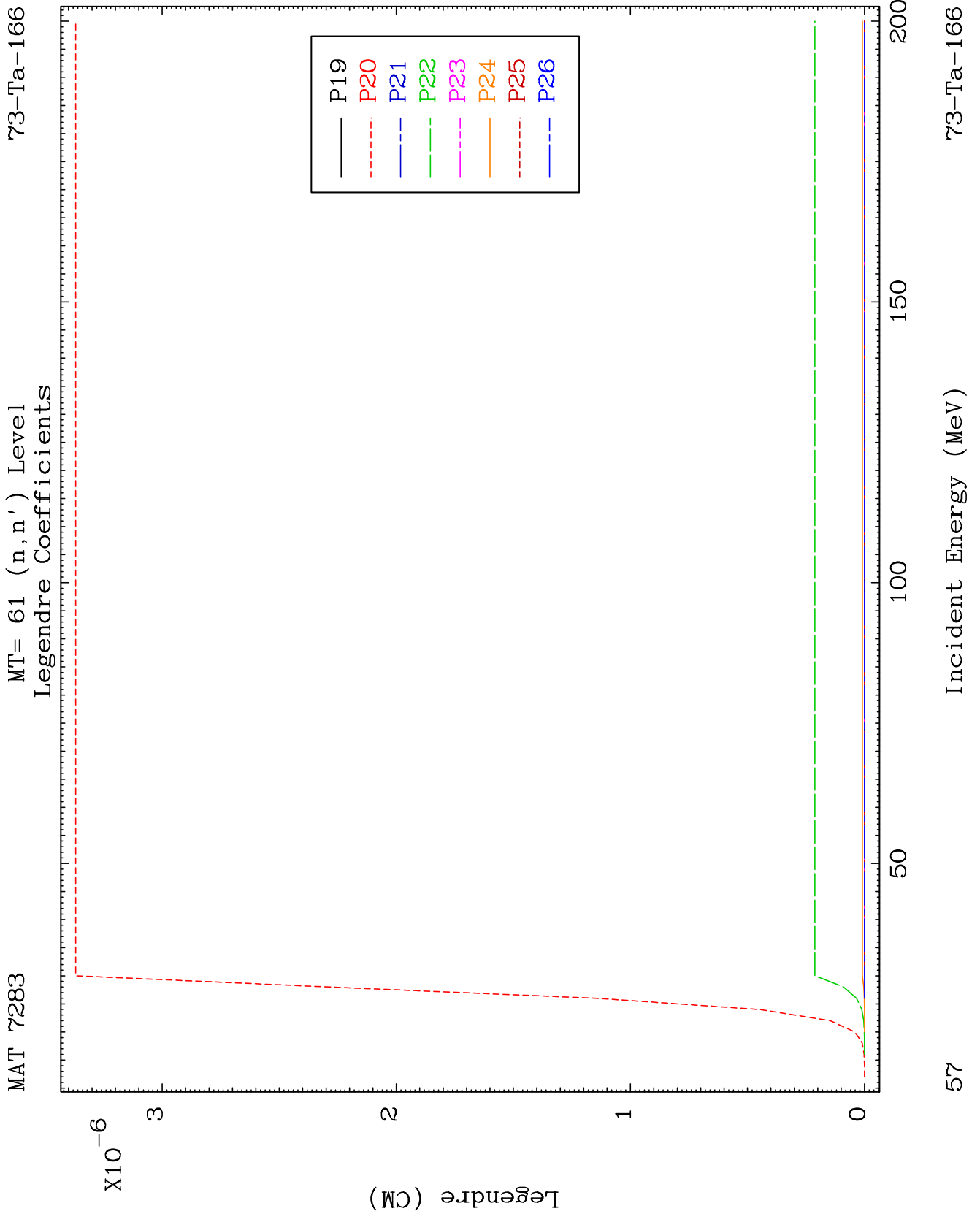
73-Ta-166



56

Incident Energy (MeV)

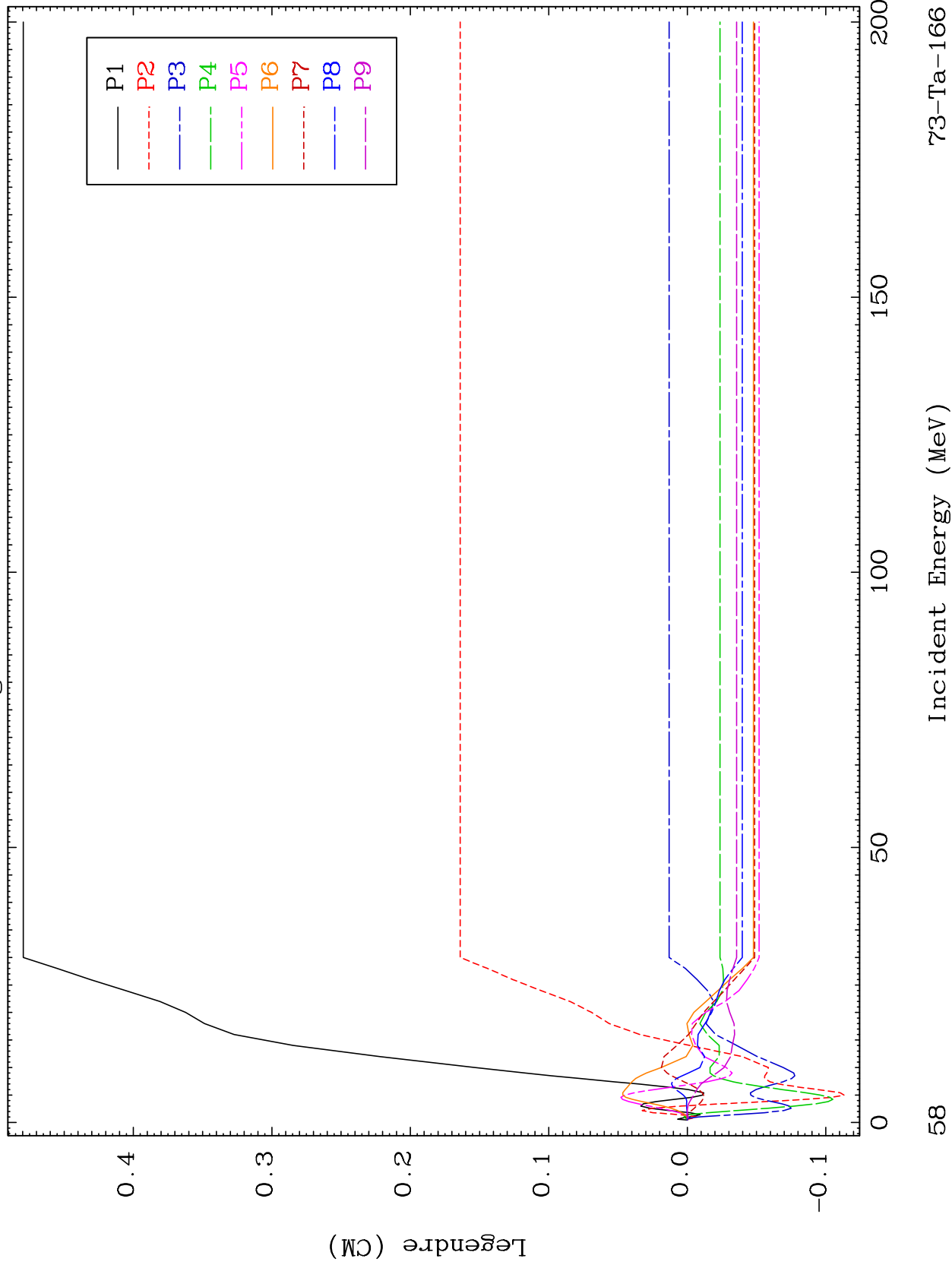
73-Ta-166



MAT 7283

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

73-Ta-166



73-Ta-166

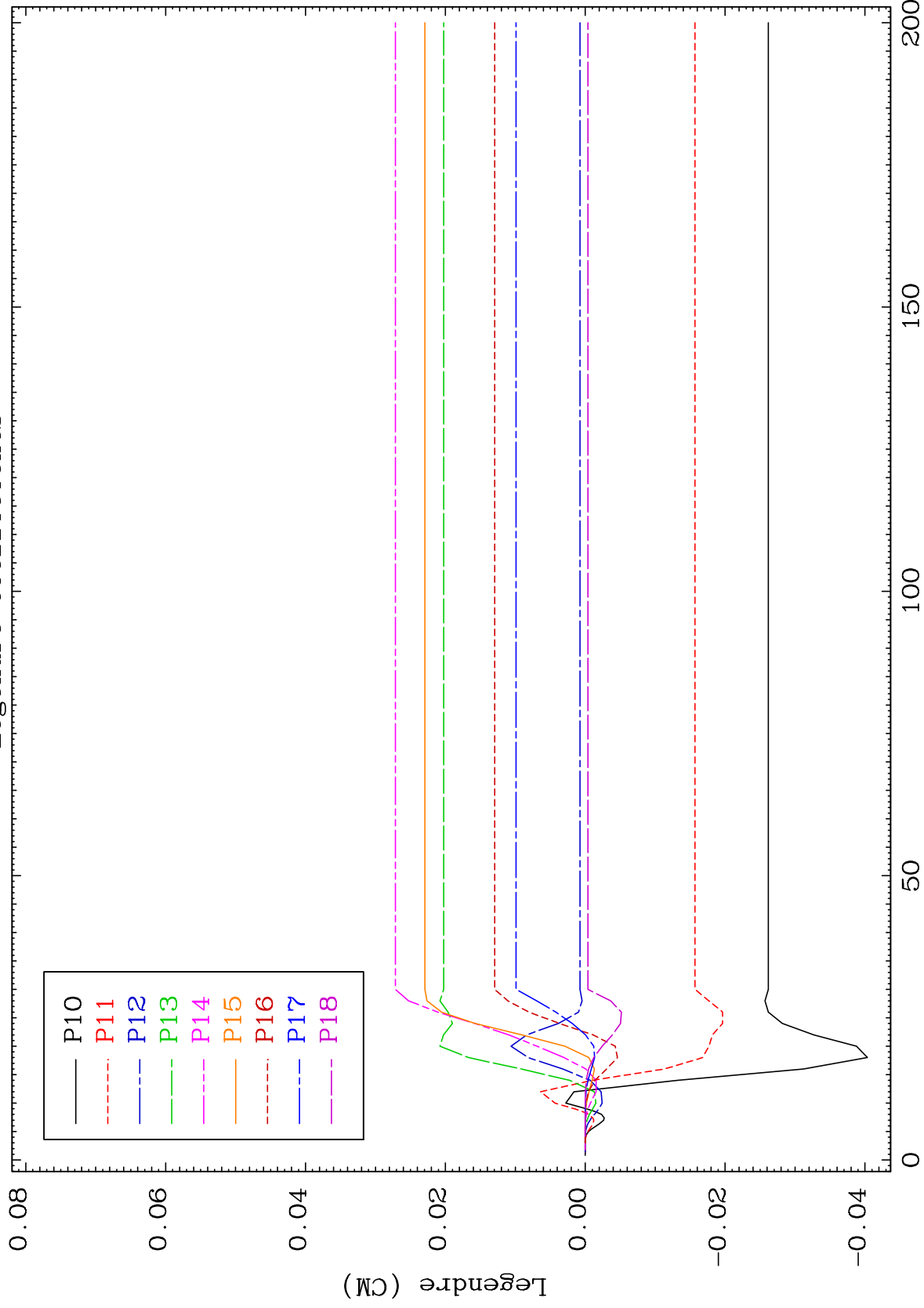
Incident Energy (MeV)

58

MAT 7283

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

73-Ta-166



59

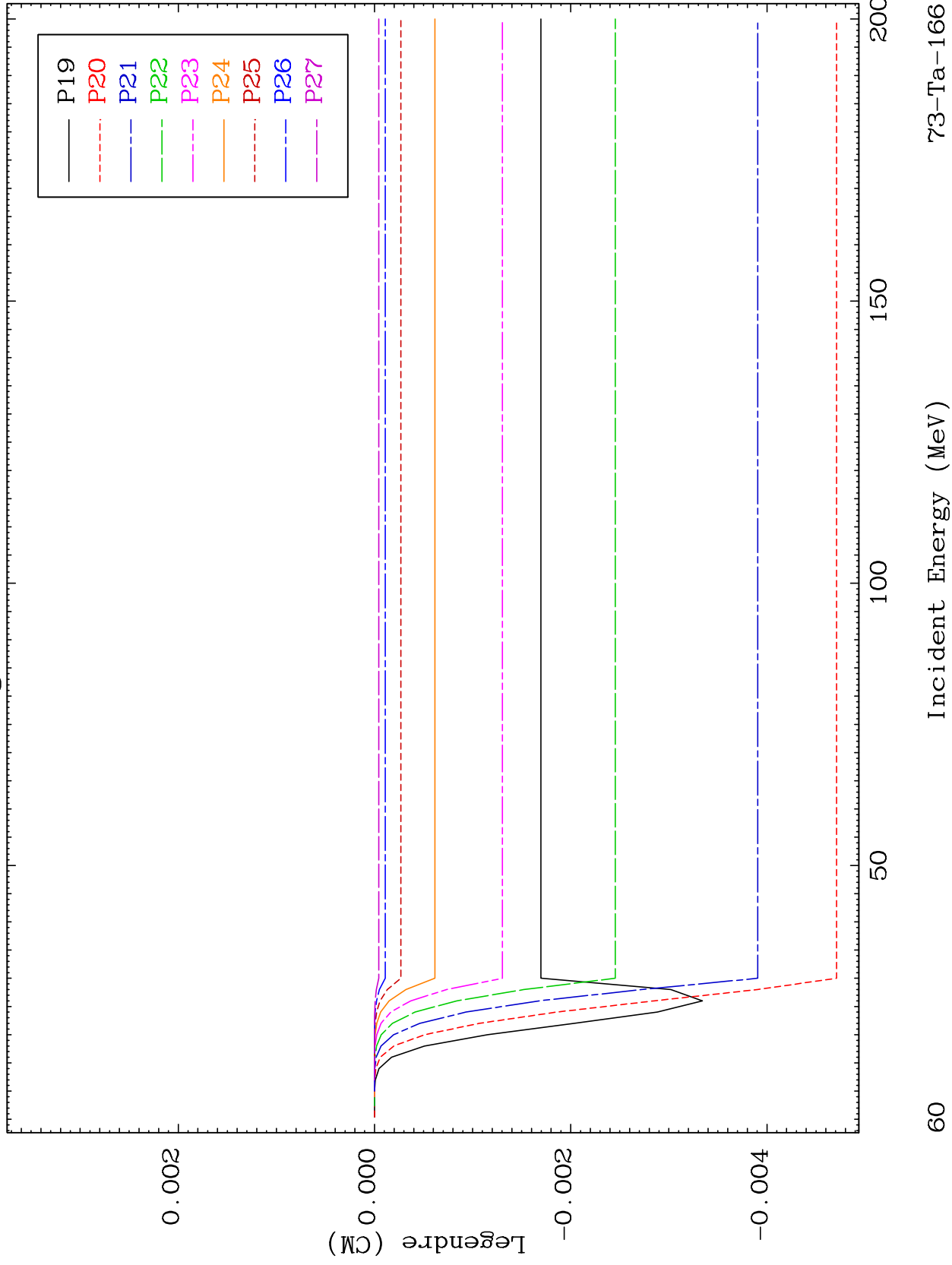
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

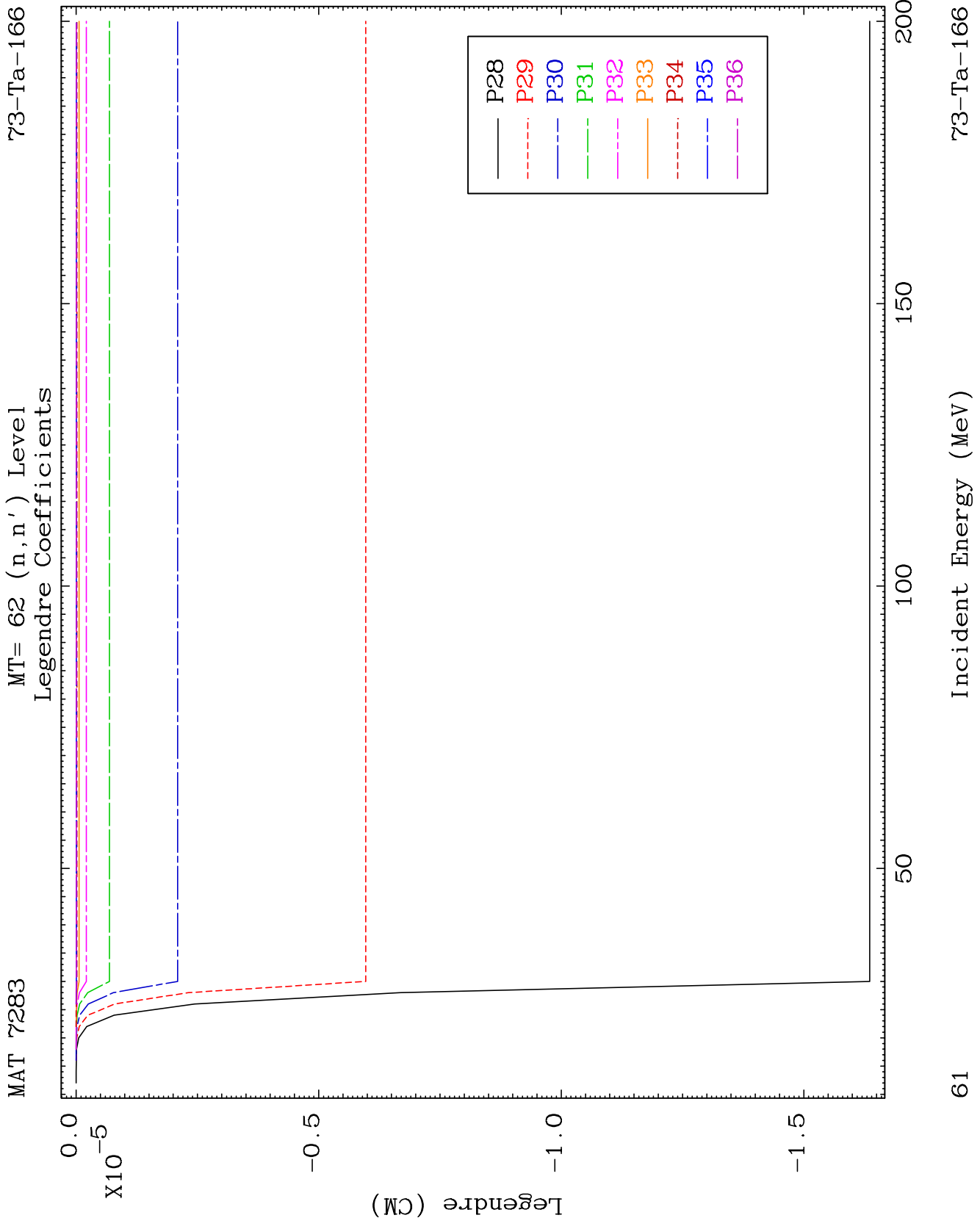
73-Ta-166



73-Ta-166

Incident Energy (MeV)

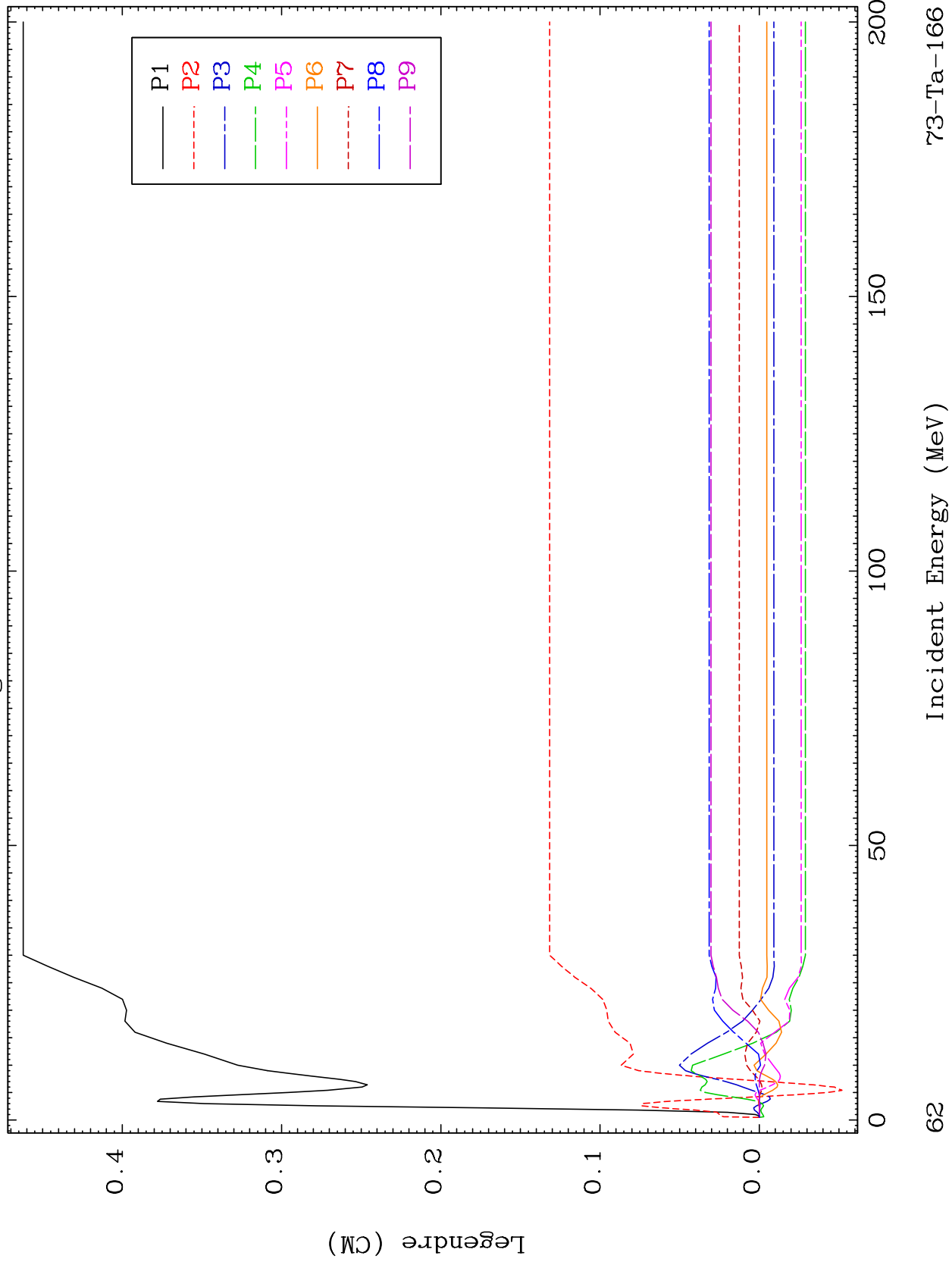
60



MAT 7283

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

73-Ta-166



73-Ta-166

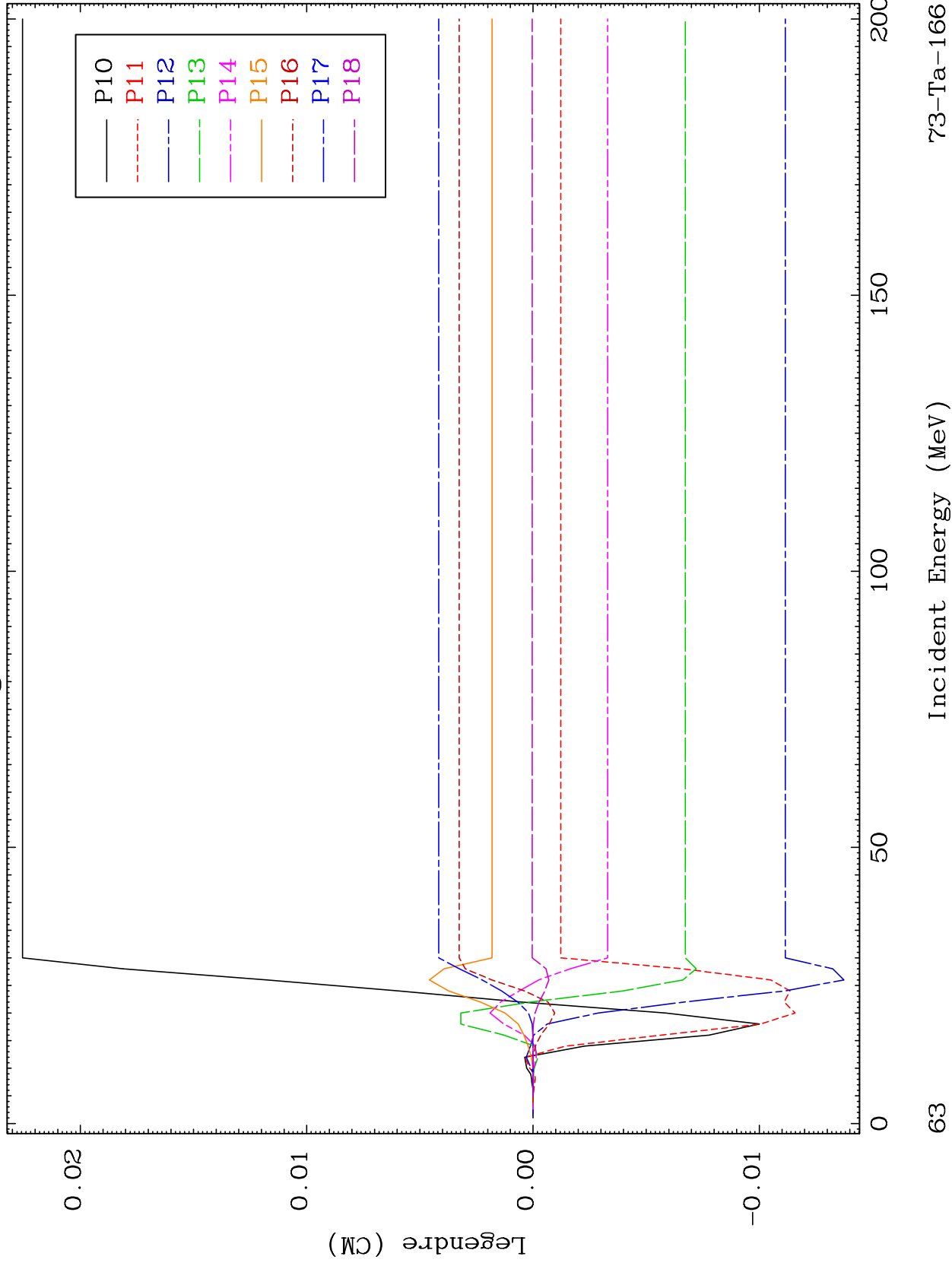
Incident Energy (MeV)

62

MAT 7283

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

73-Ta-166



73-Ta-166

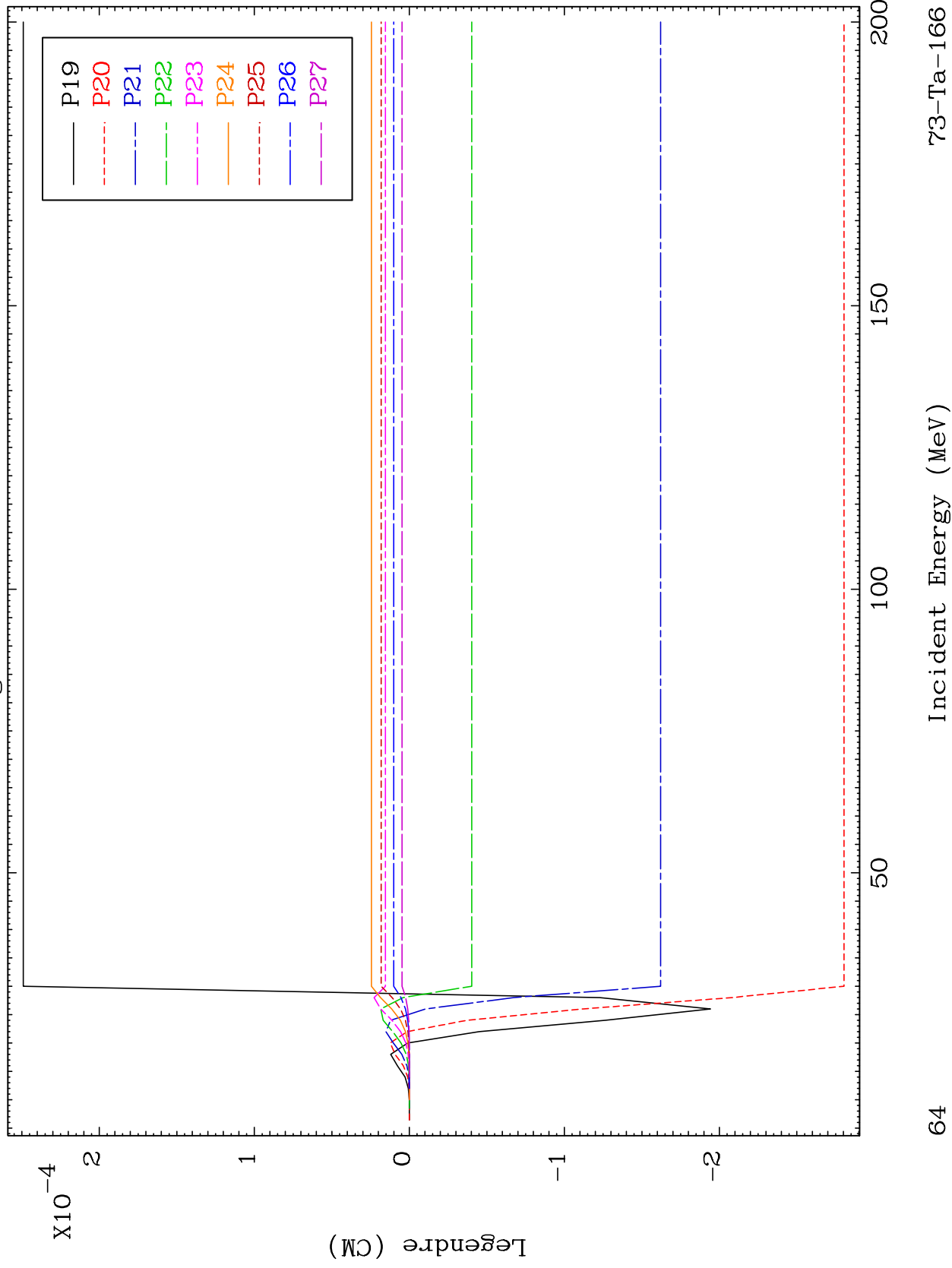
Incident Energy (MeV)

63

MAT 7283

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

73-Ta-166



64

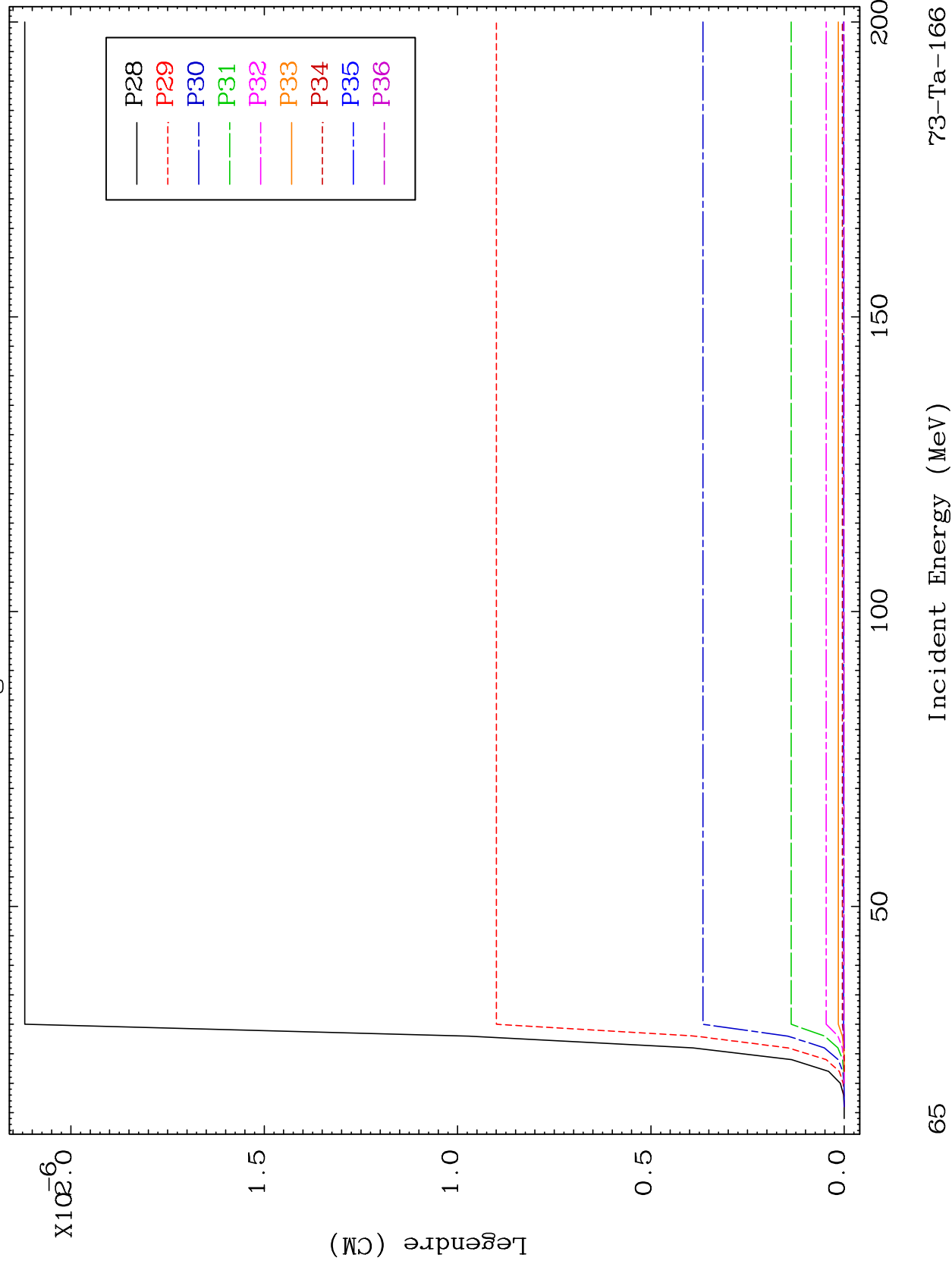
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

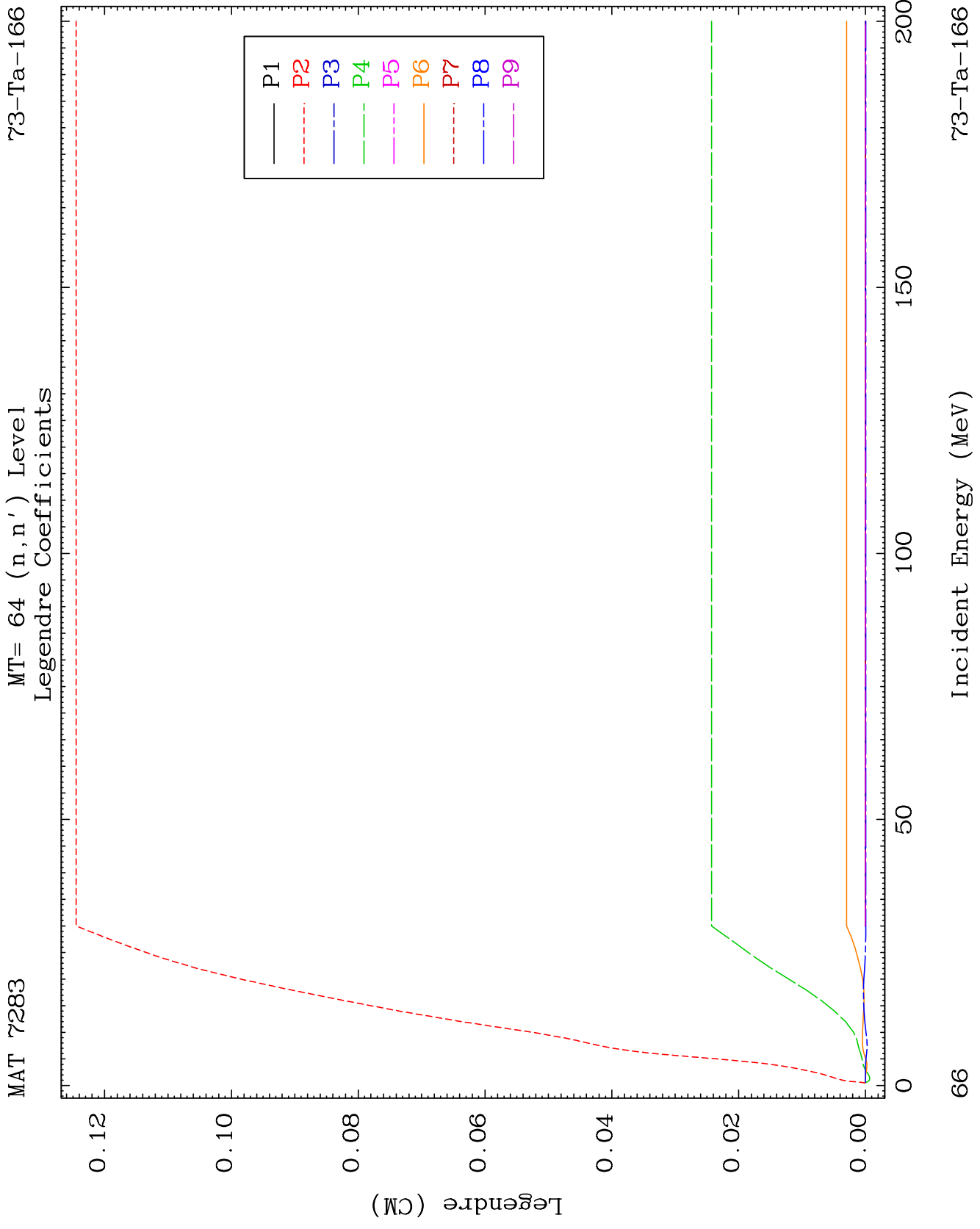
73-Ta-166



65

Incident Energy (MeV)

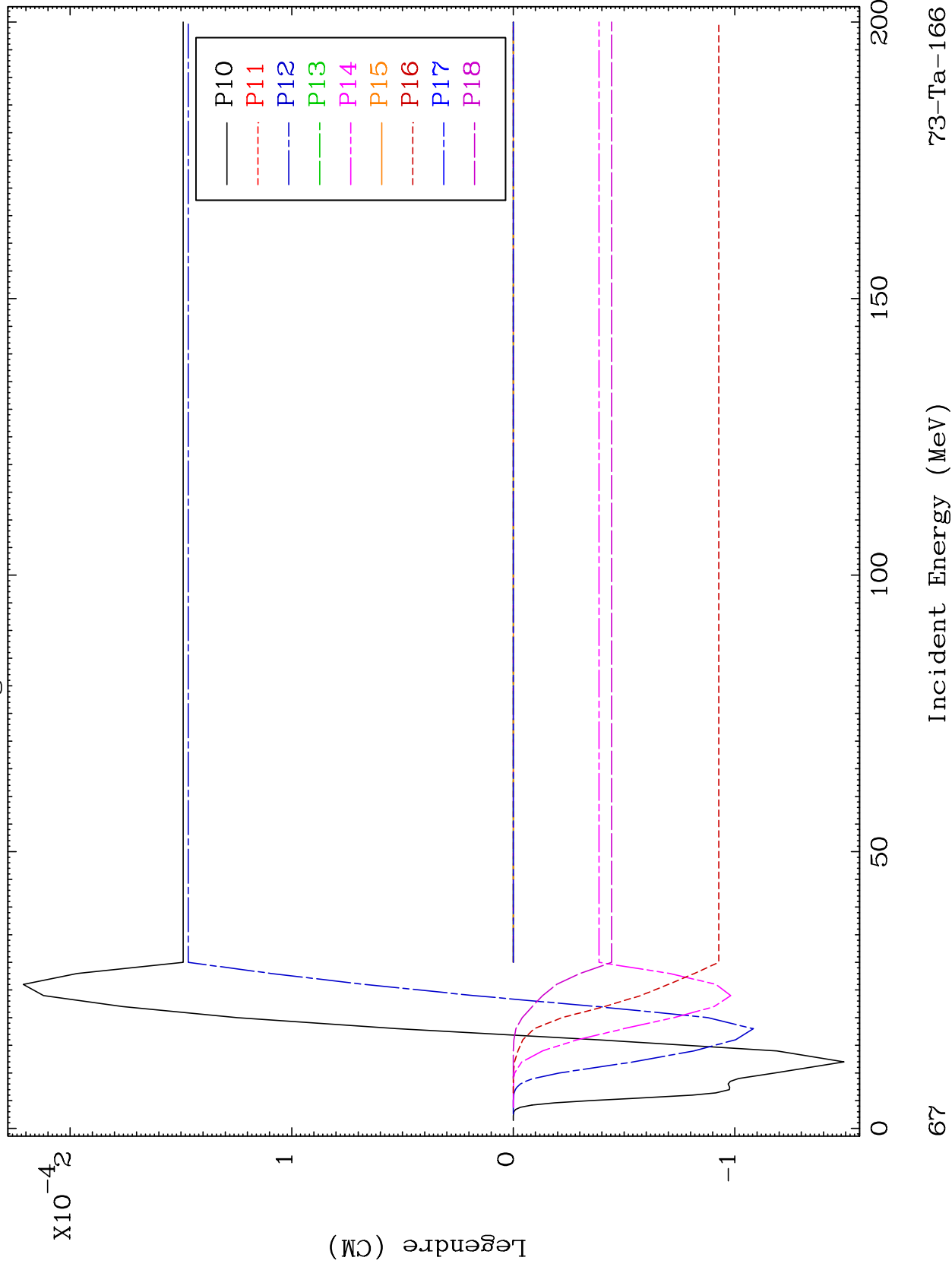
73-Ta-166



MAT 7283

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

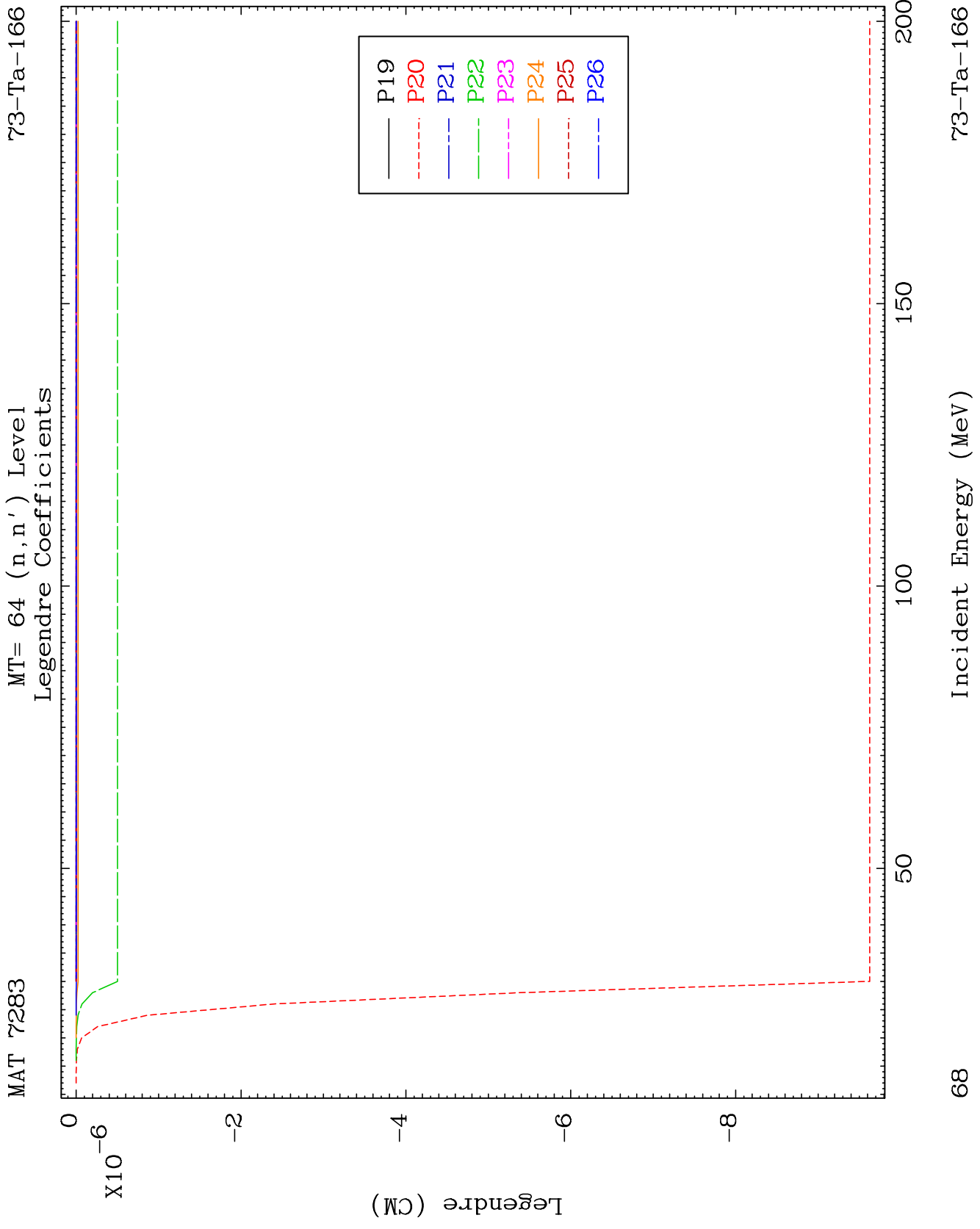
73-Ta-166



73-Ta-166

Incident Energy (MeV)

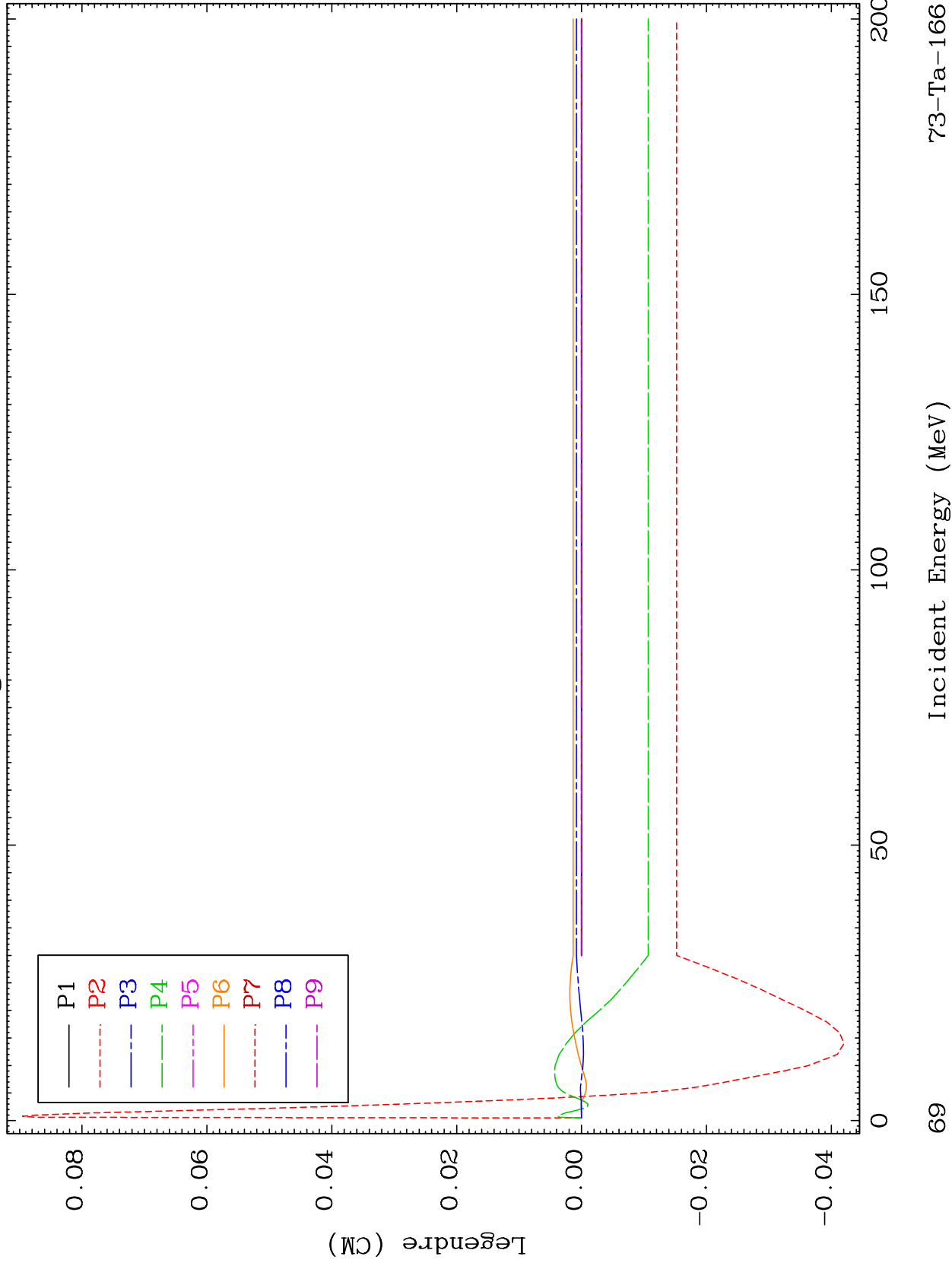
67



MAT 7283

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

73-Ta-166



69

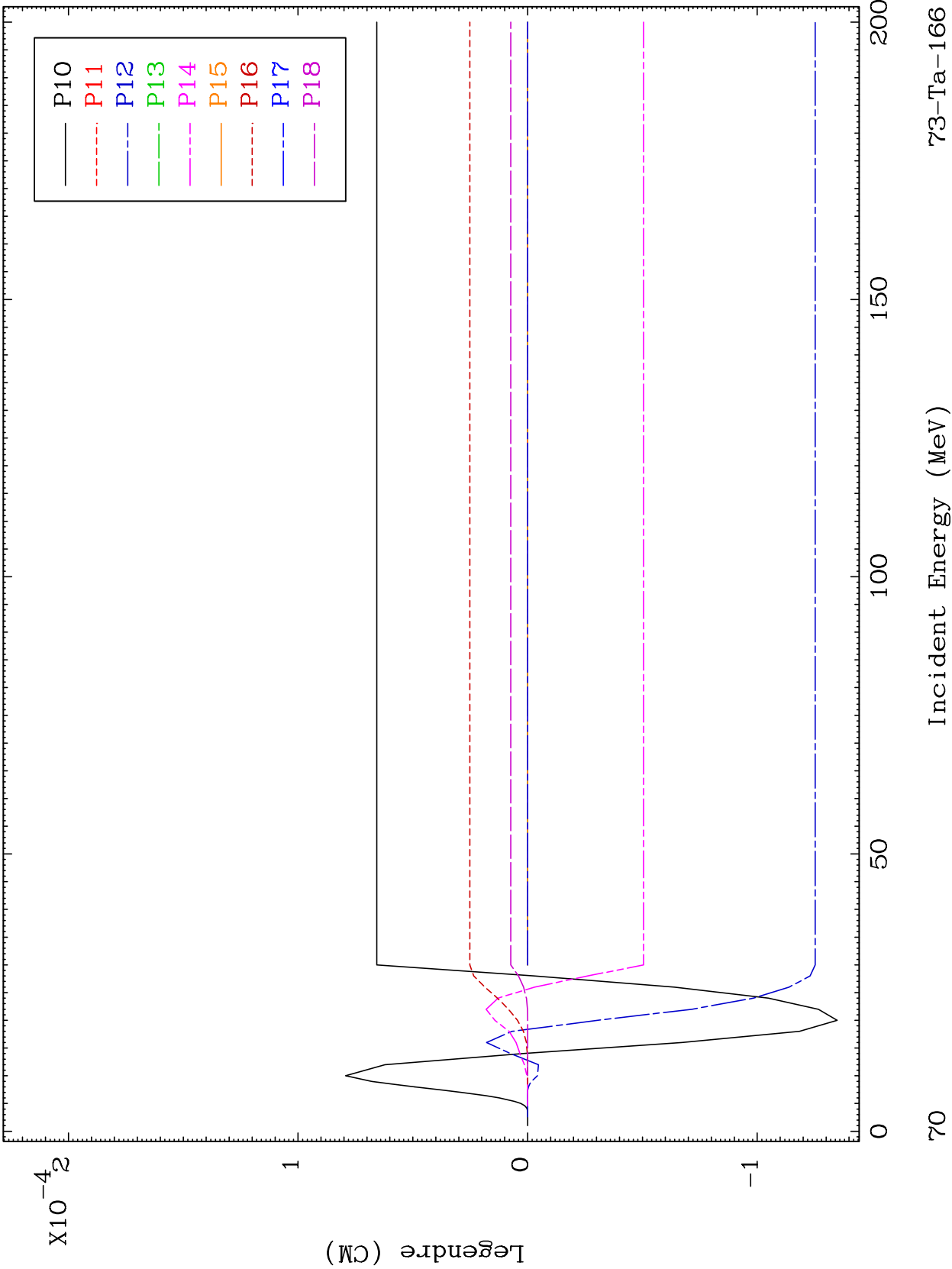
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

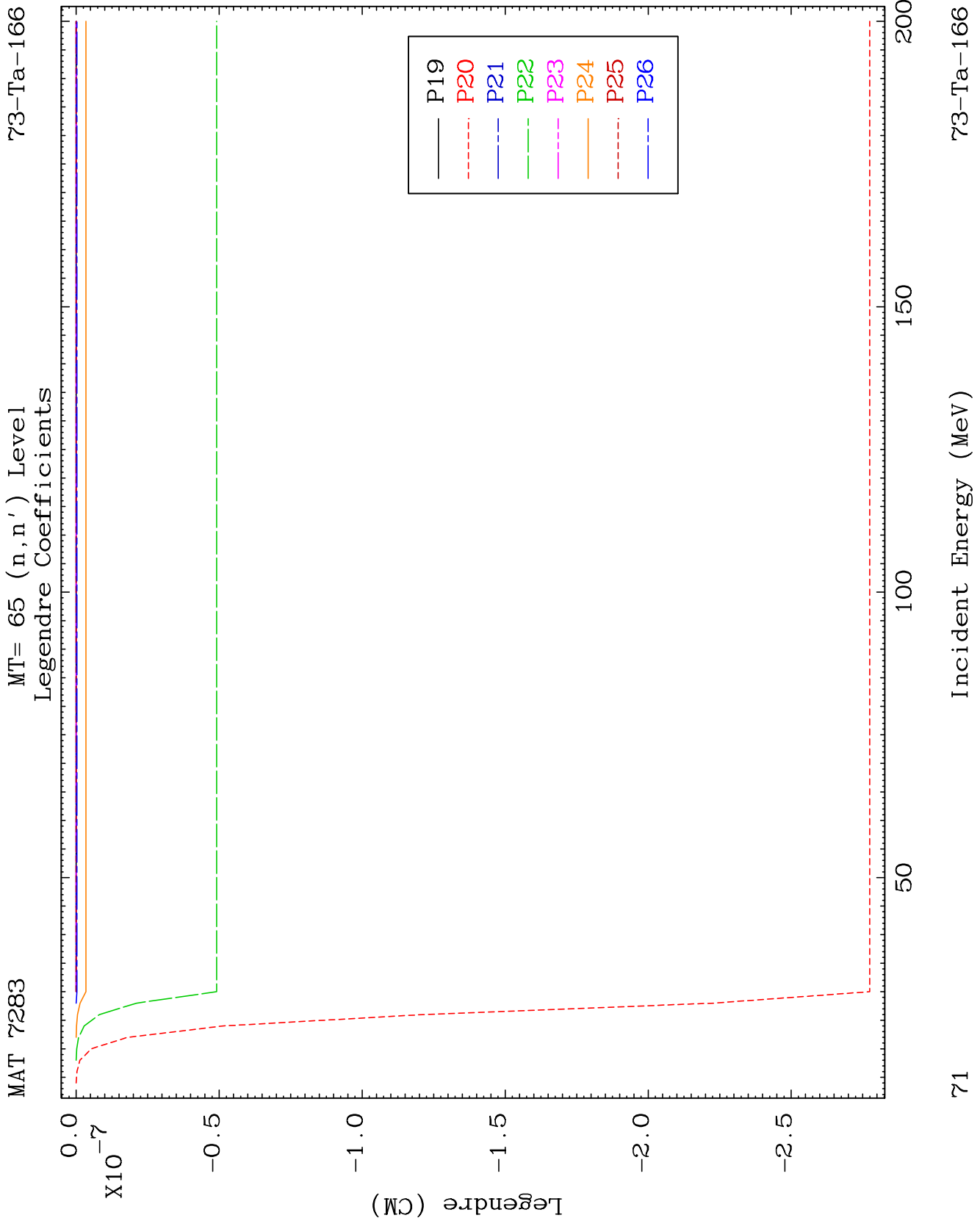
73-Ta-166



73-Ta-166

Incident Energy (MeV)

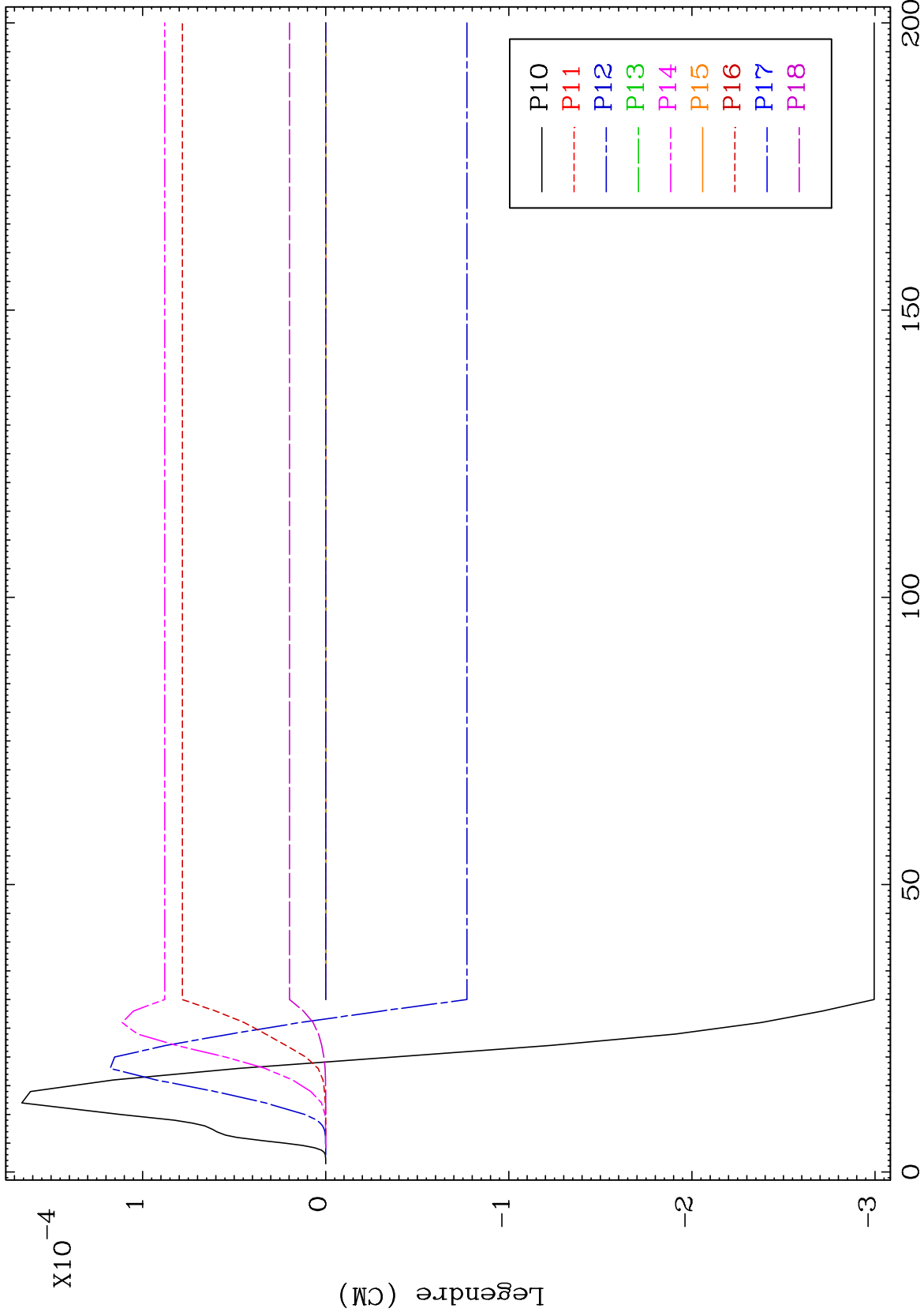
70



MAT 7283

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

73-Ta-166



73

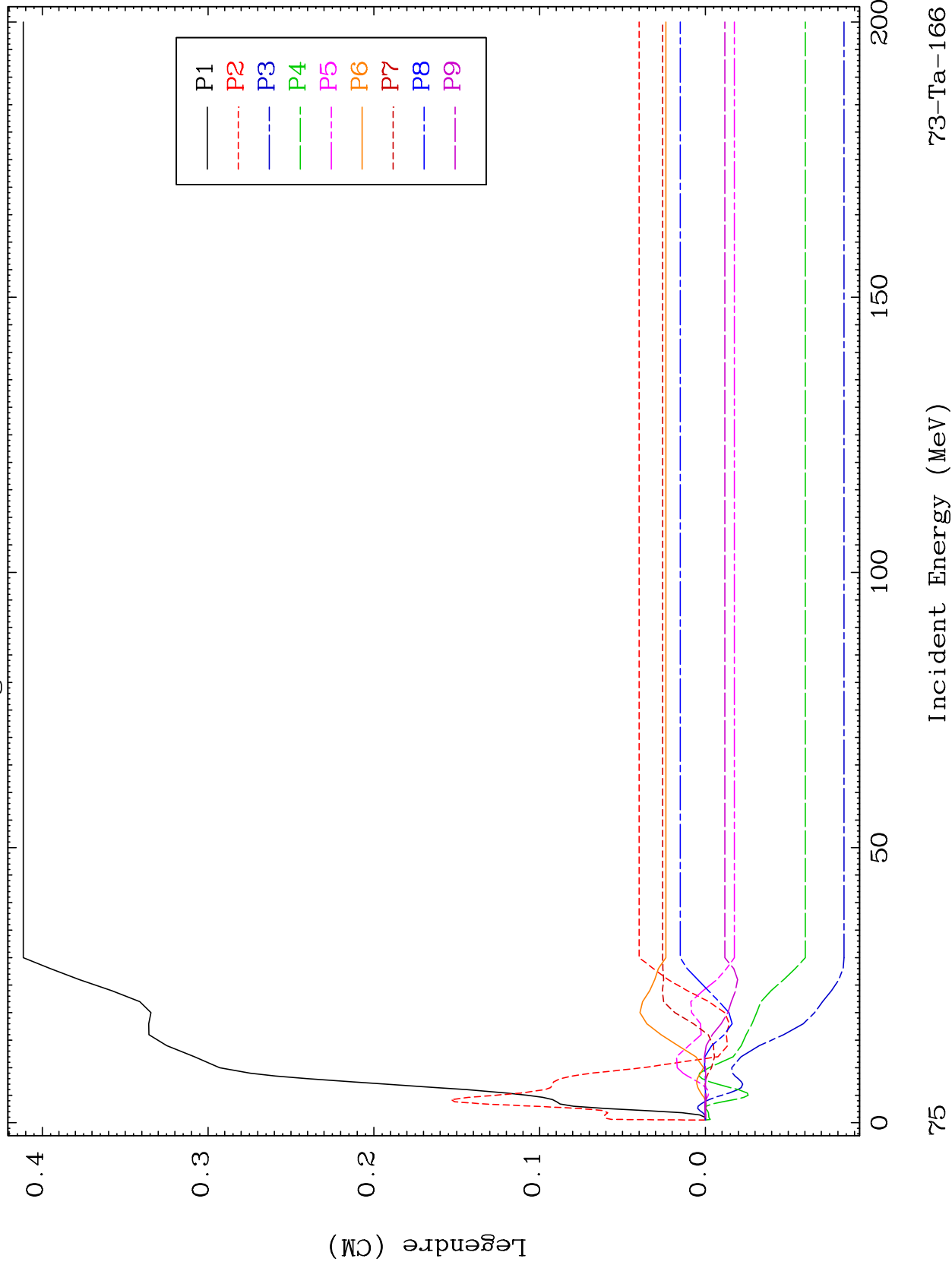
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



73-Ta-166

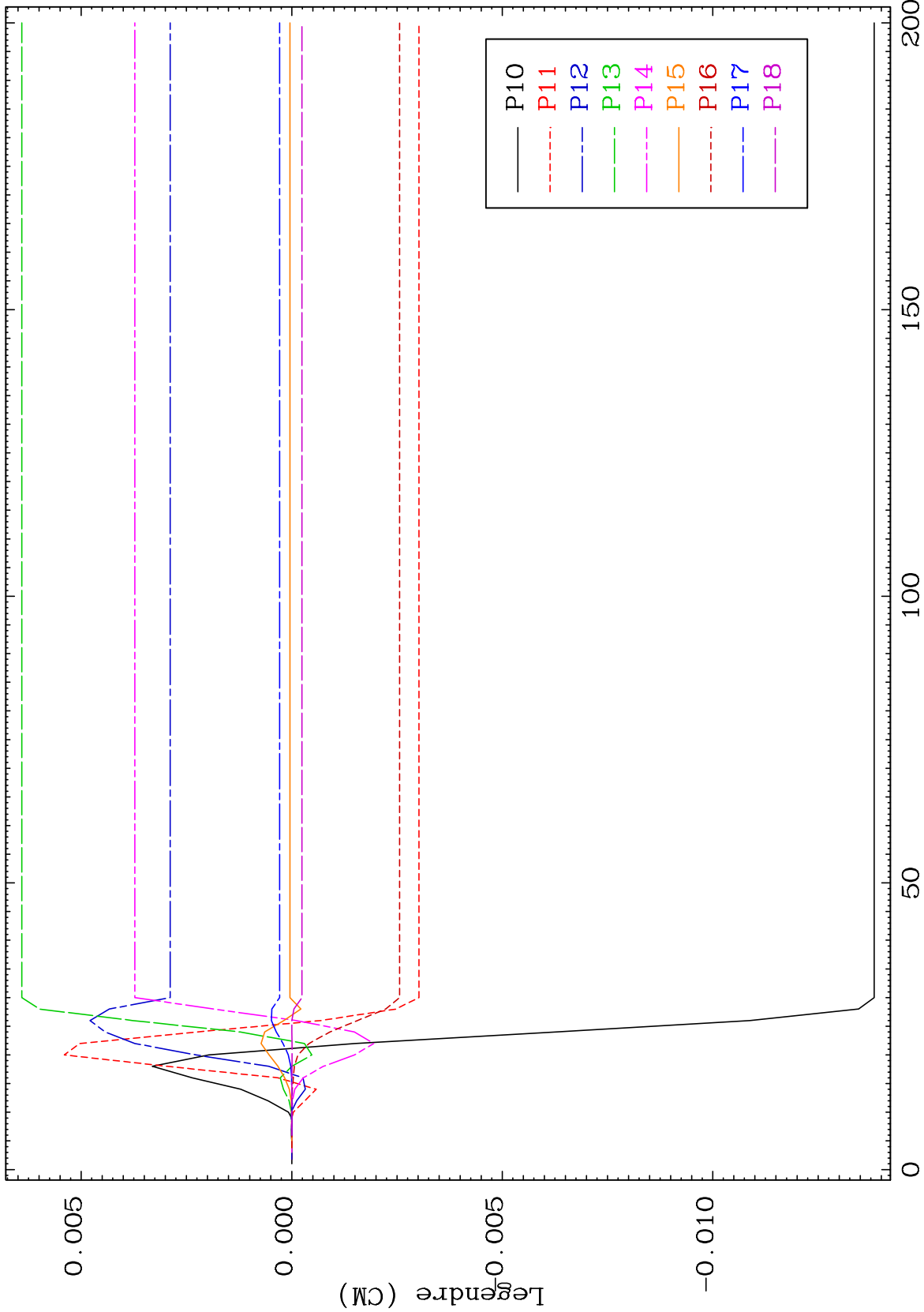
Incident Energy (MeV)

75

MAT 7283

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

73-Ta-166



76

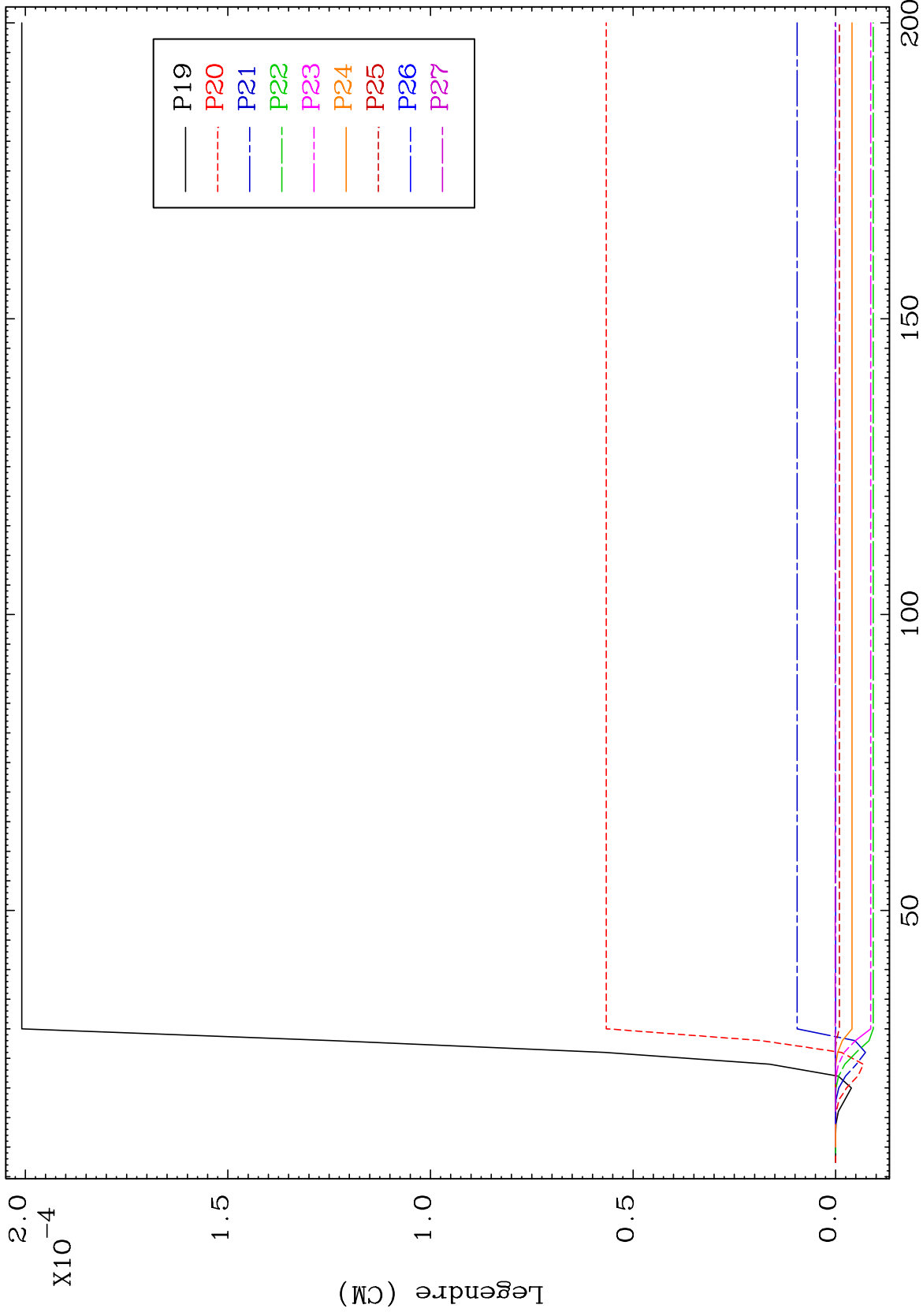
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



77

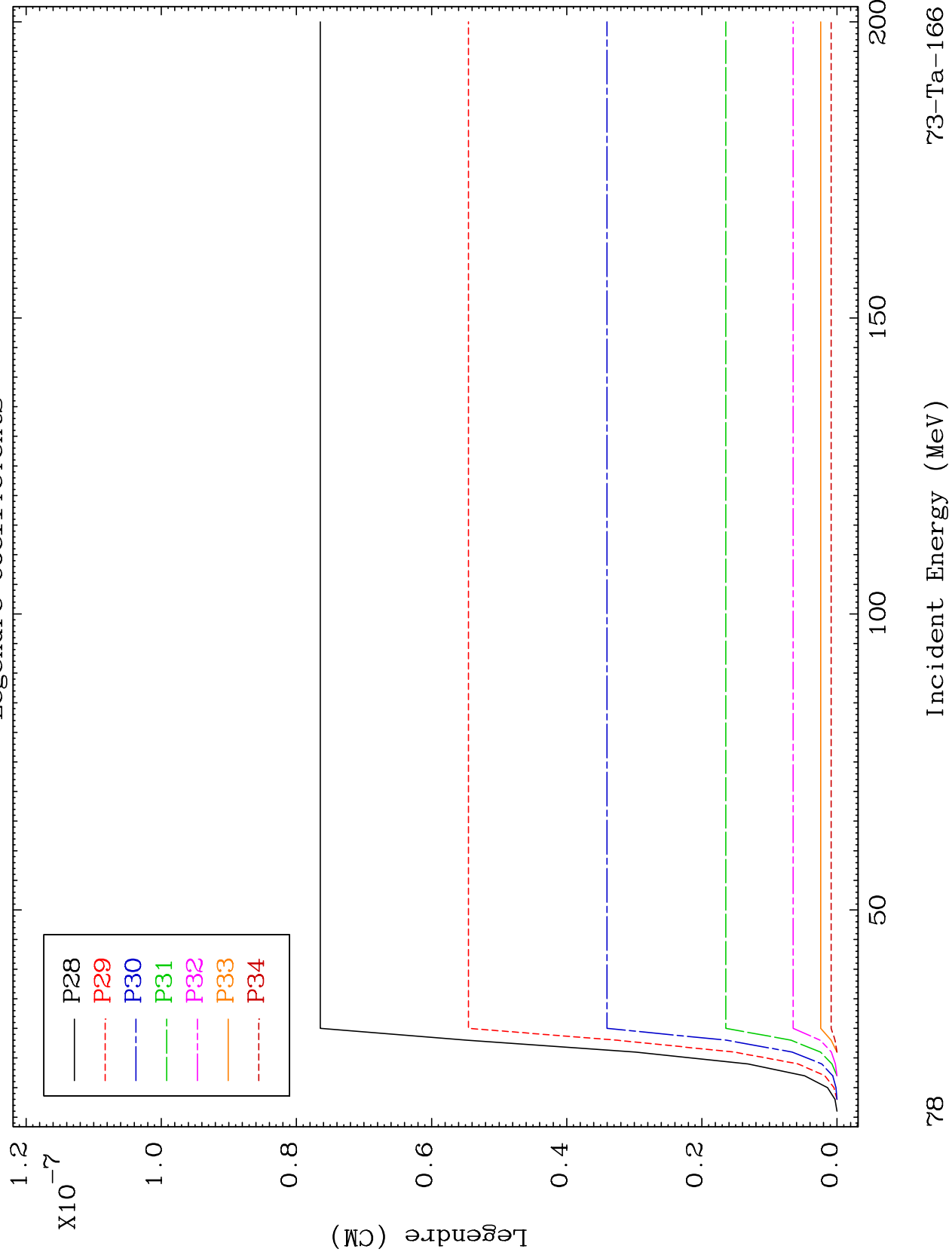
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166

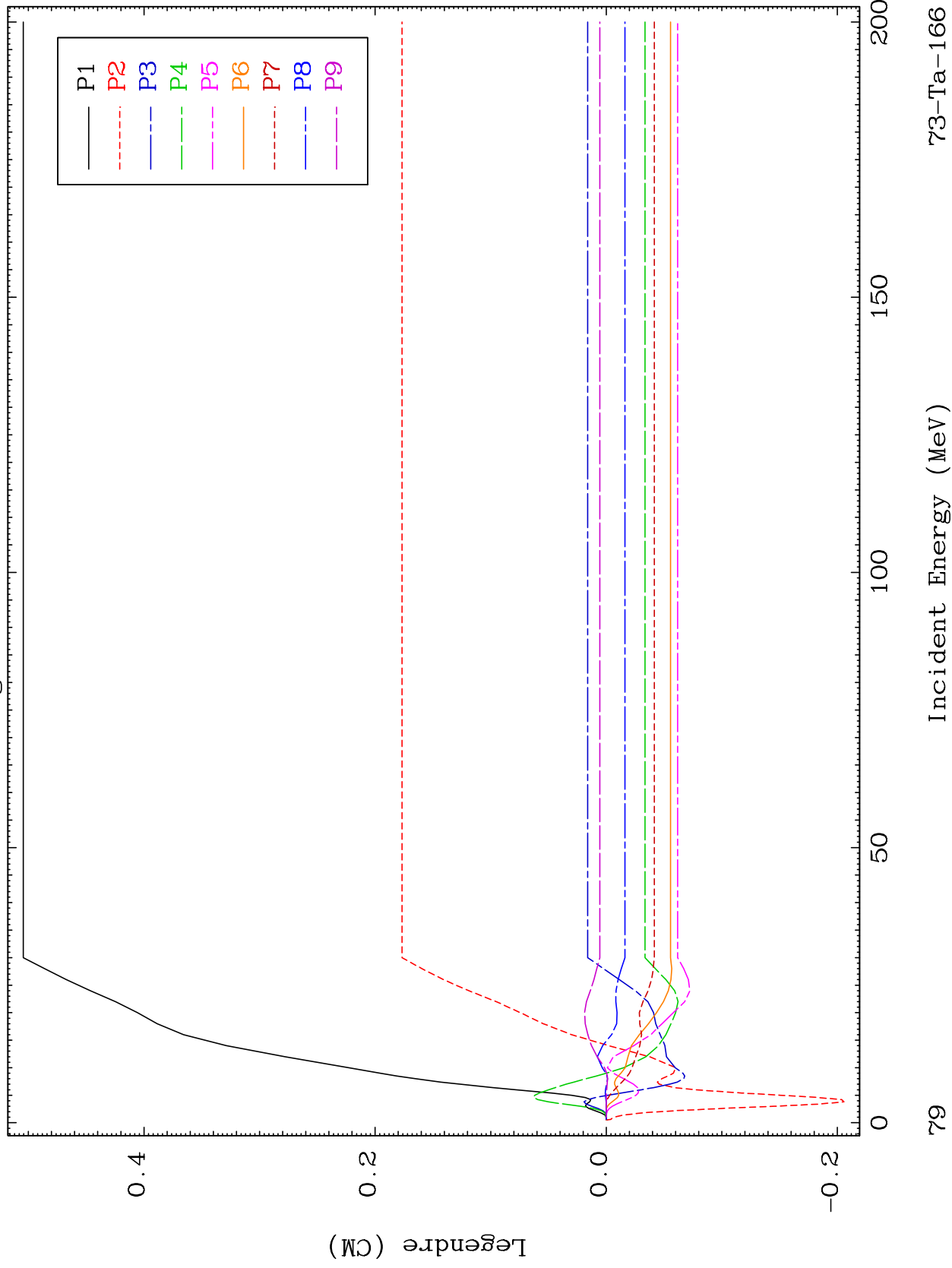


78

MAT 7283

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

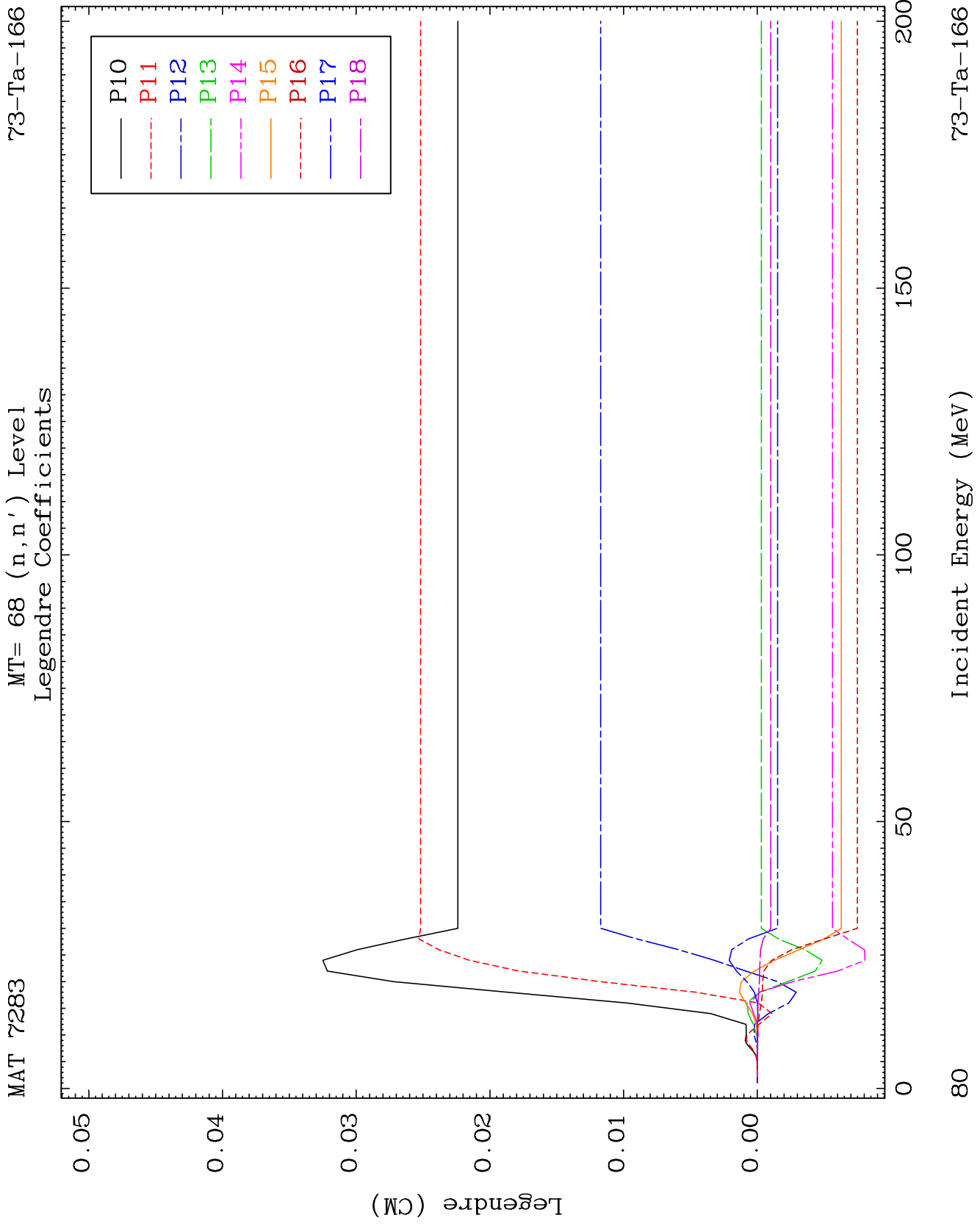
73-Ta-166



73-Ta-166

Incident Energy (MeV)

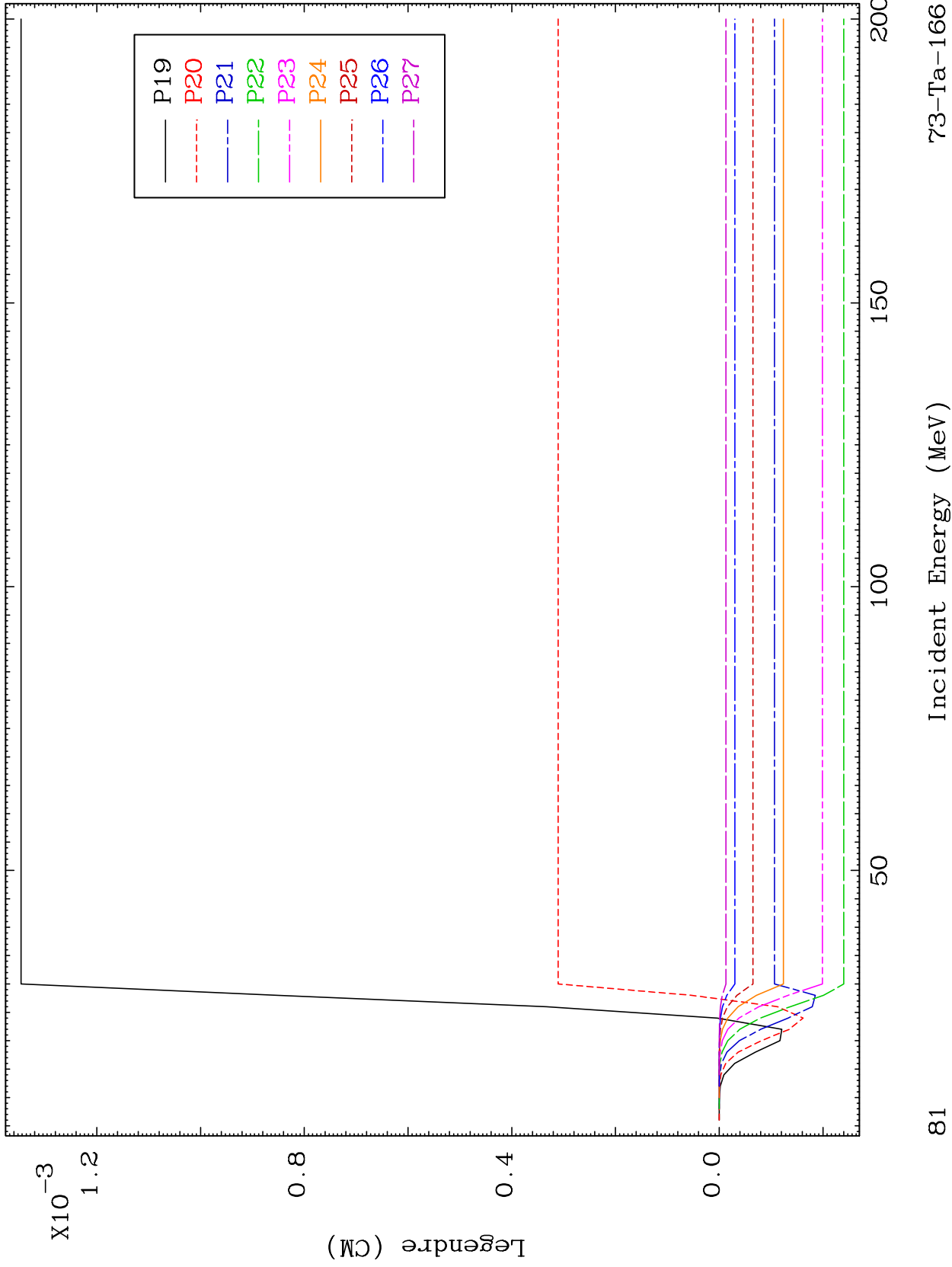
79



MAT 7283

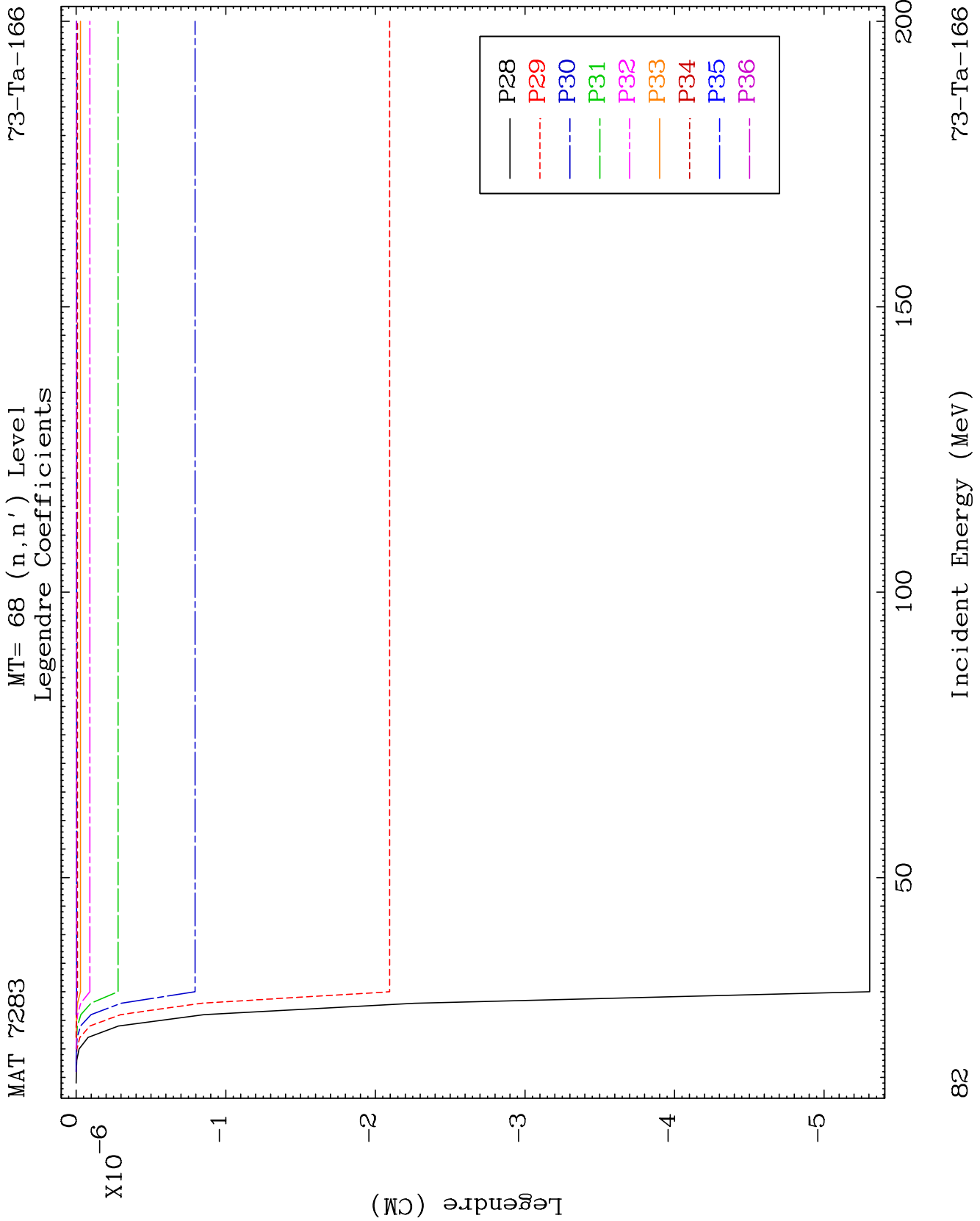
MT= 68 (n,n') Level
Legendre Coefficients

73-Ta-166



81

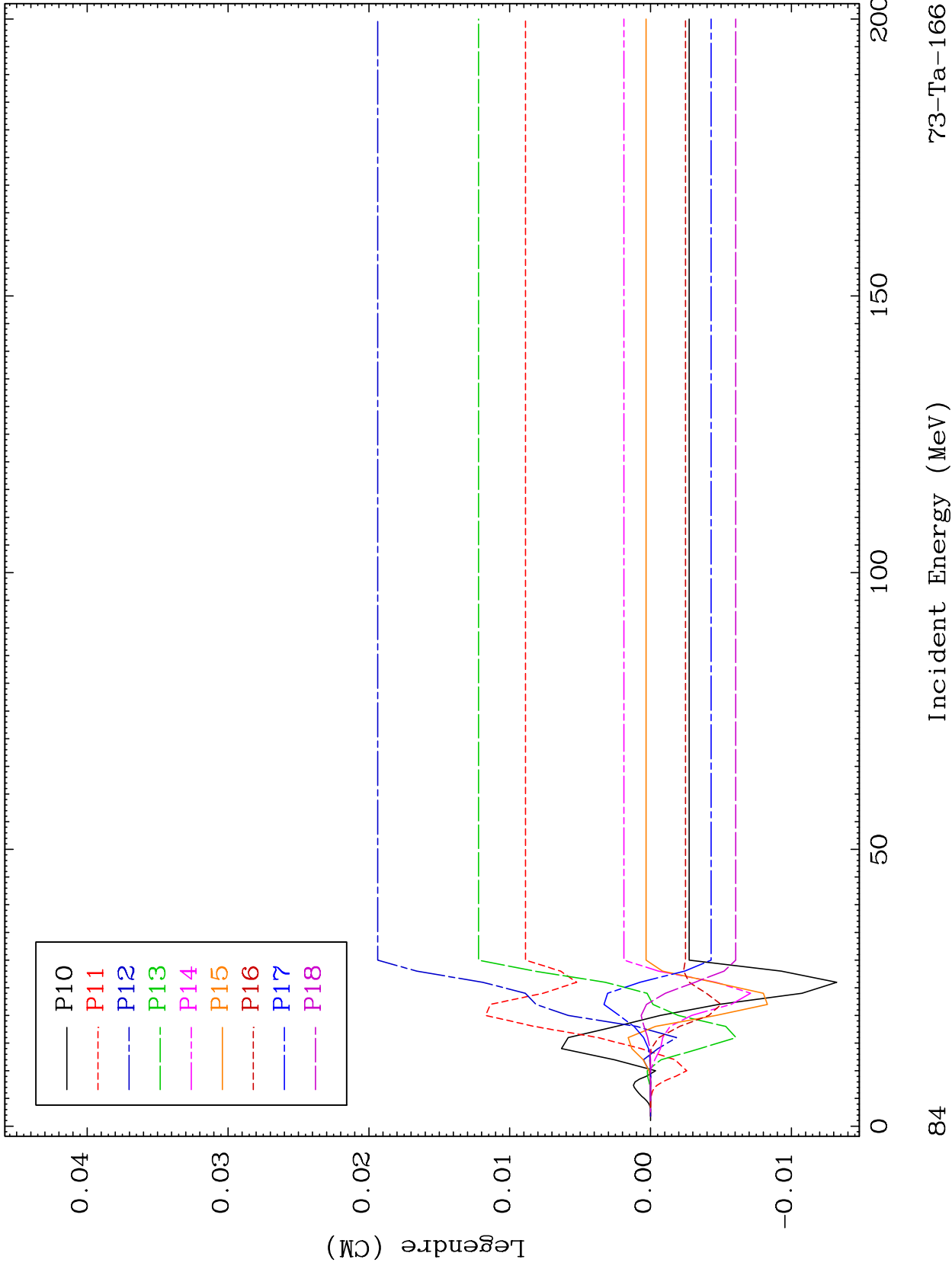
73-Ta-166



MAT 7283

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

⁷³Ta-166



84

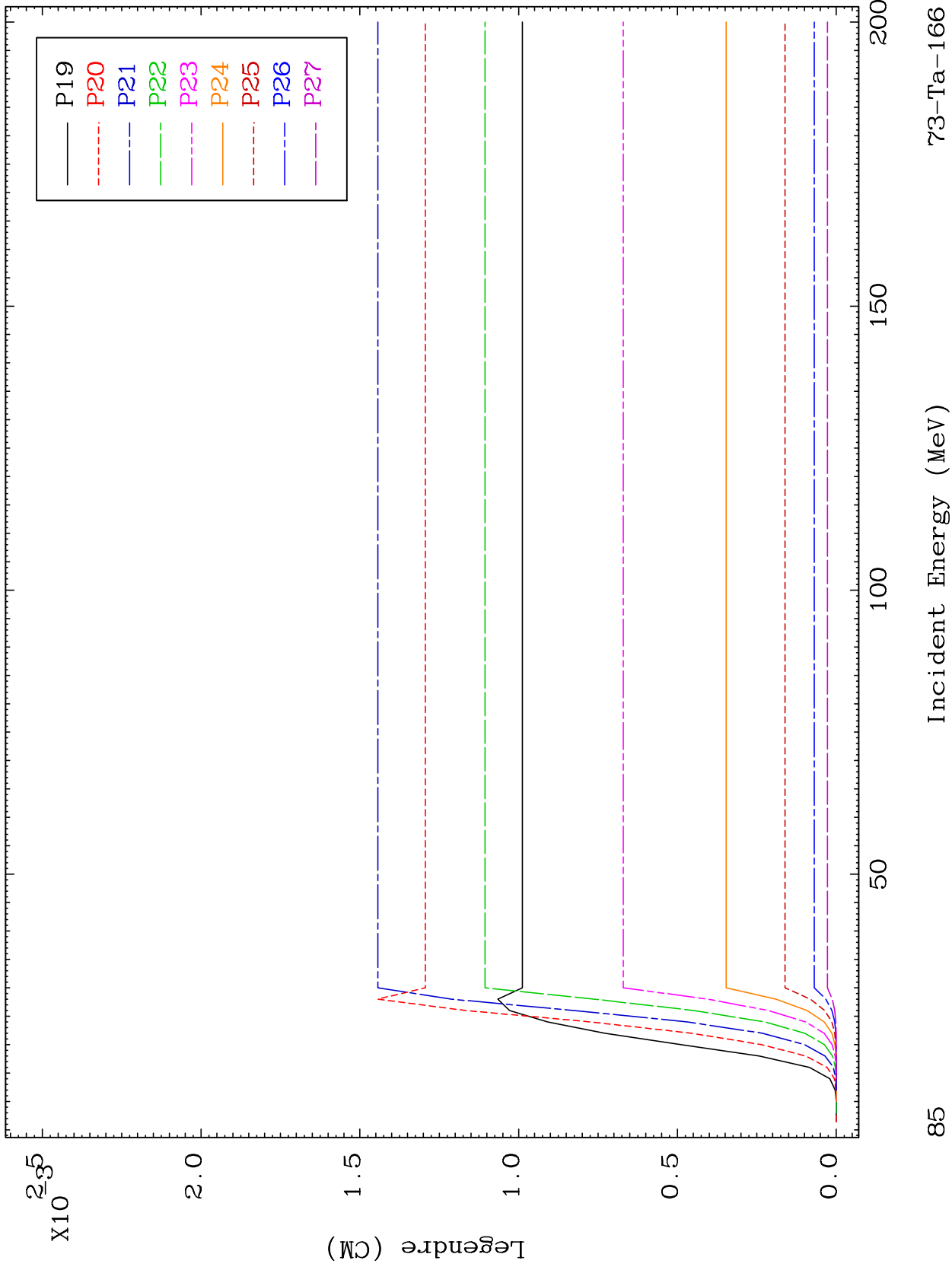
Incident Energy (MeV)

⁷³Ta-166

MAT 7283

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

73-Ta-166



85

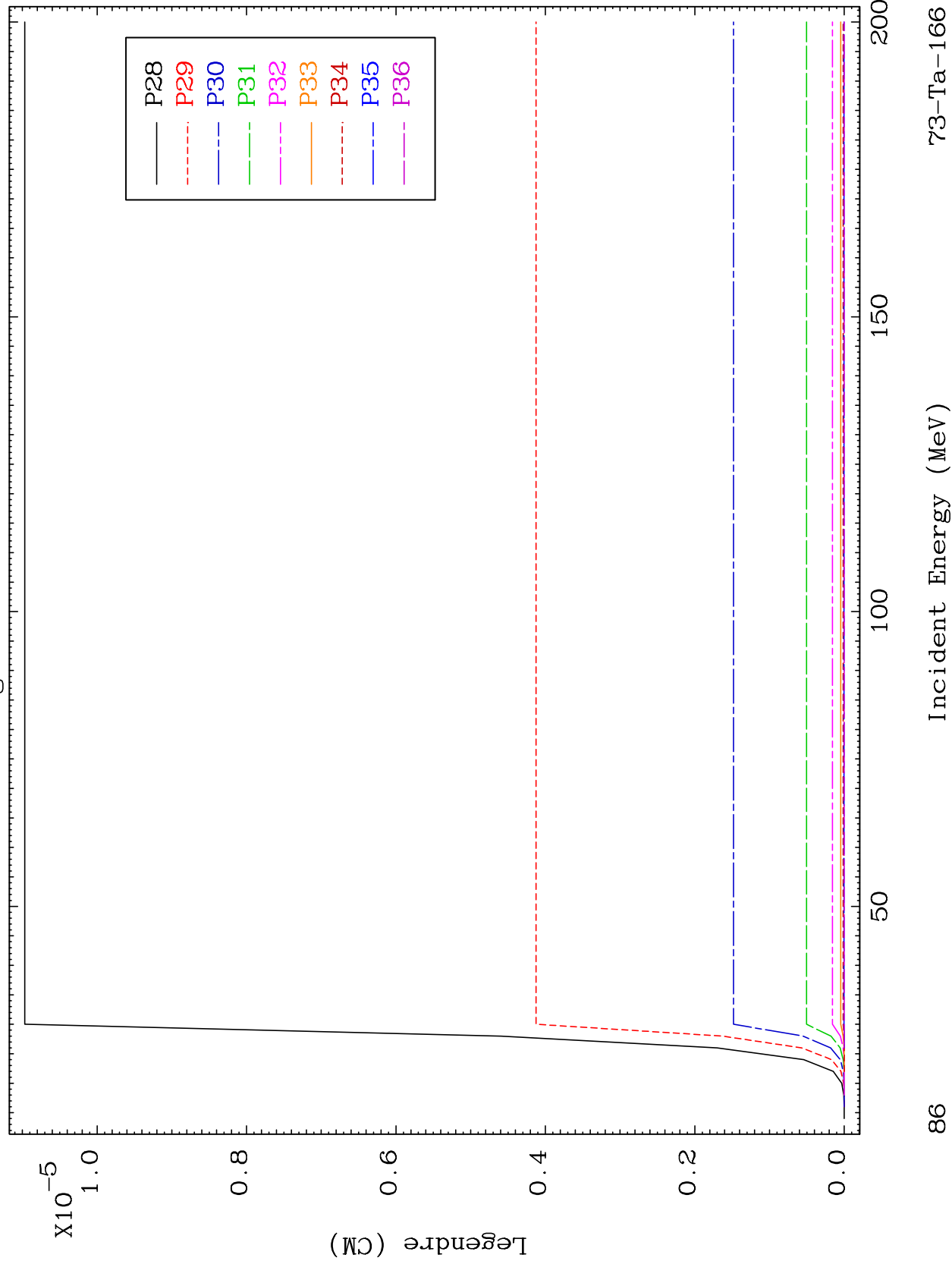
Incident Energy (MeV)

73-Ta-166

MAT 7283

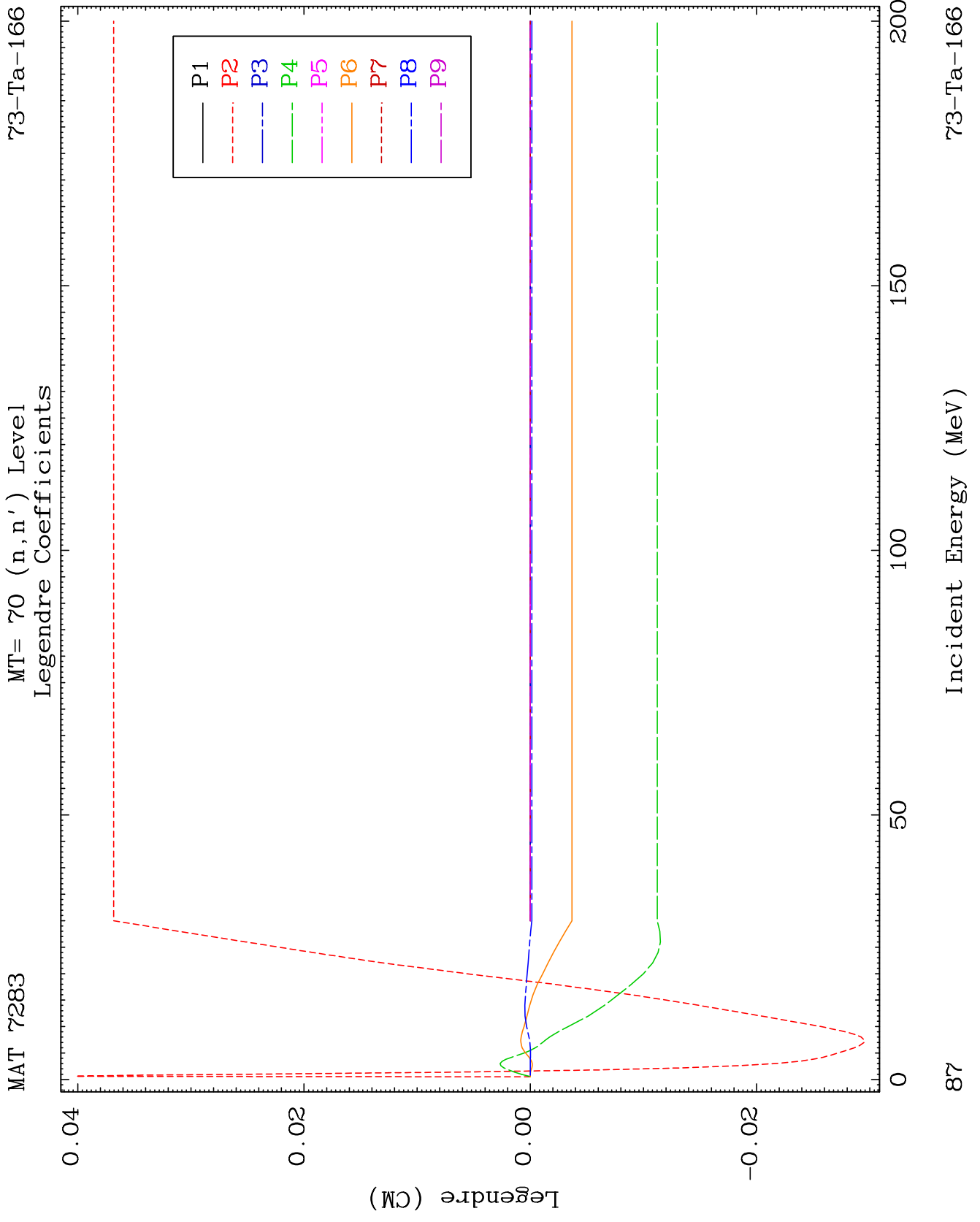
MT= 69 (n,n') Level
Legendre Coefficients

73-Ta-166



86

73-Ta-166

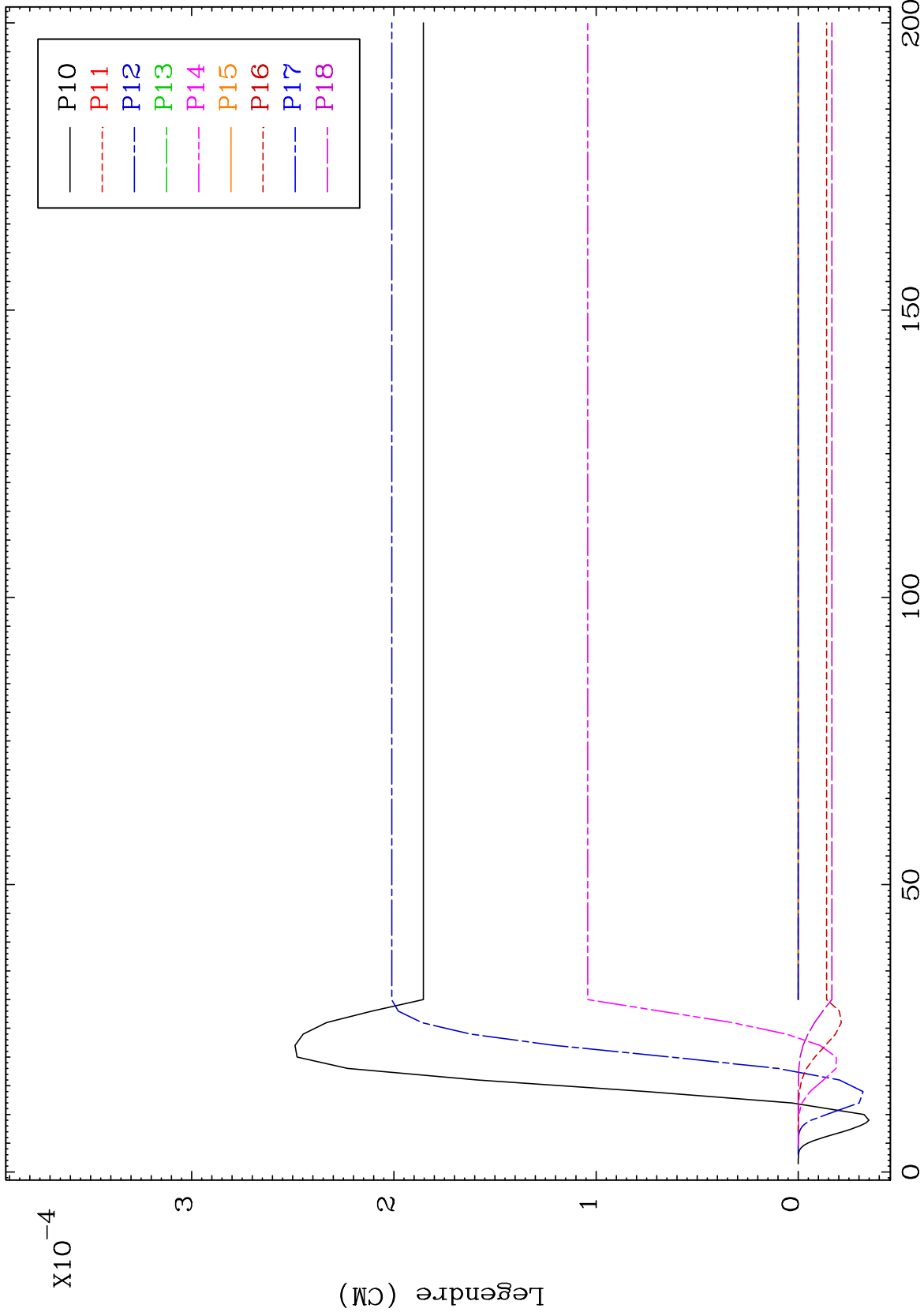


MAT 7283

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

73-Ta-166

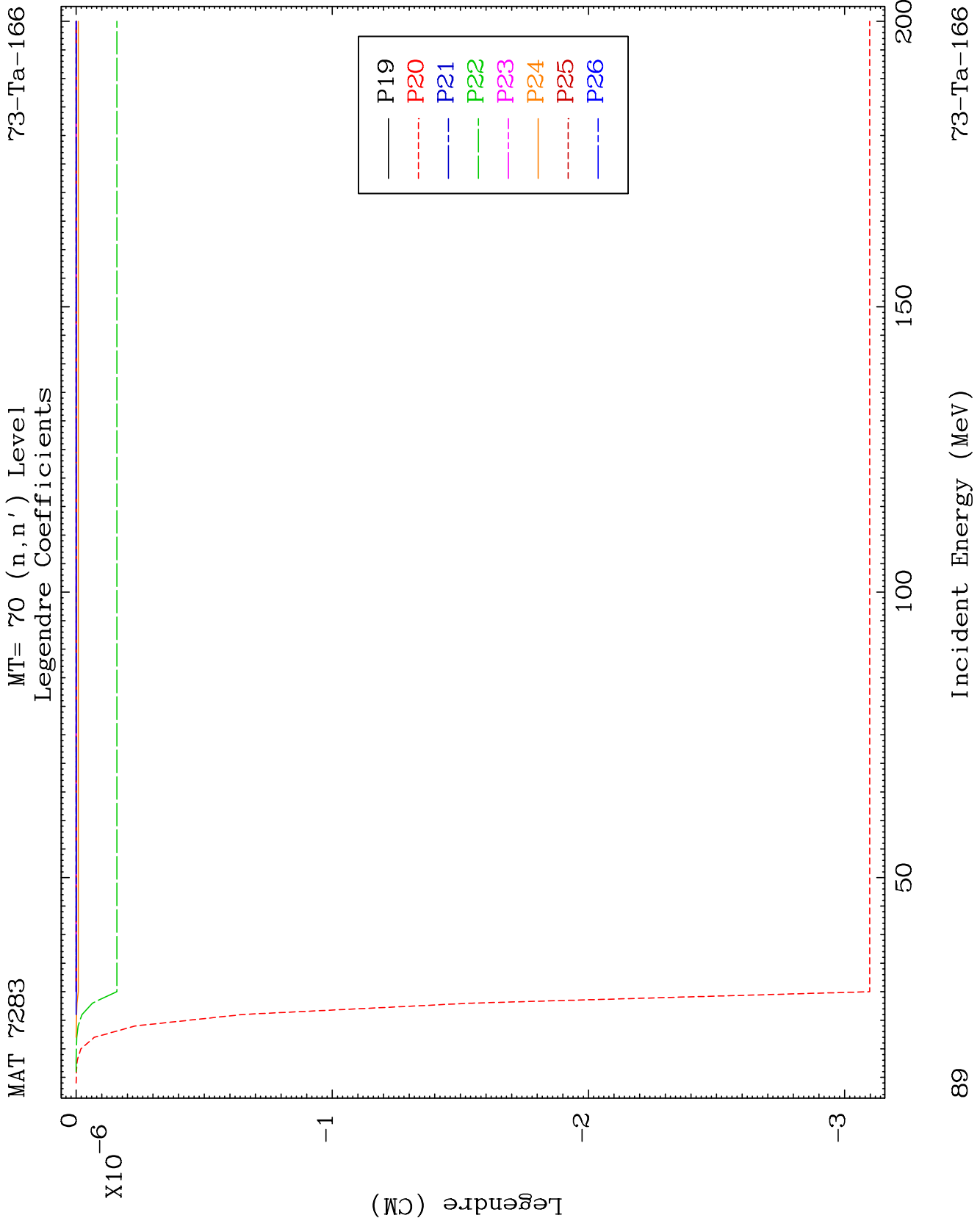
$\times 10^{-4}$



88

Incident Energy (MeV)

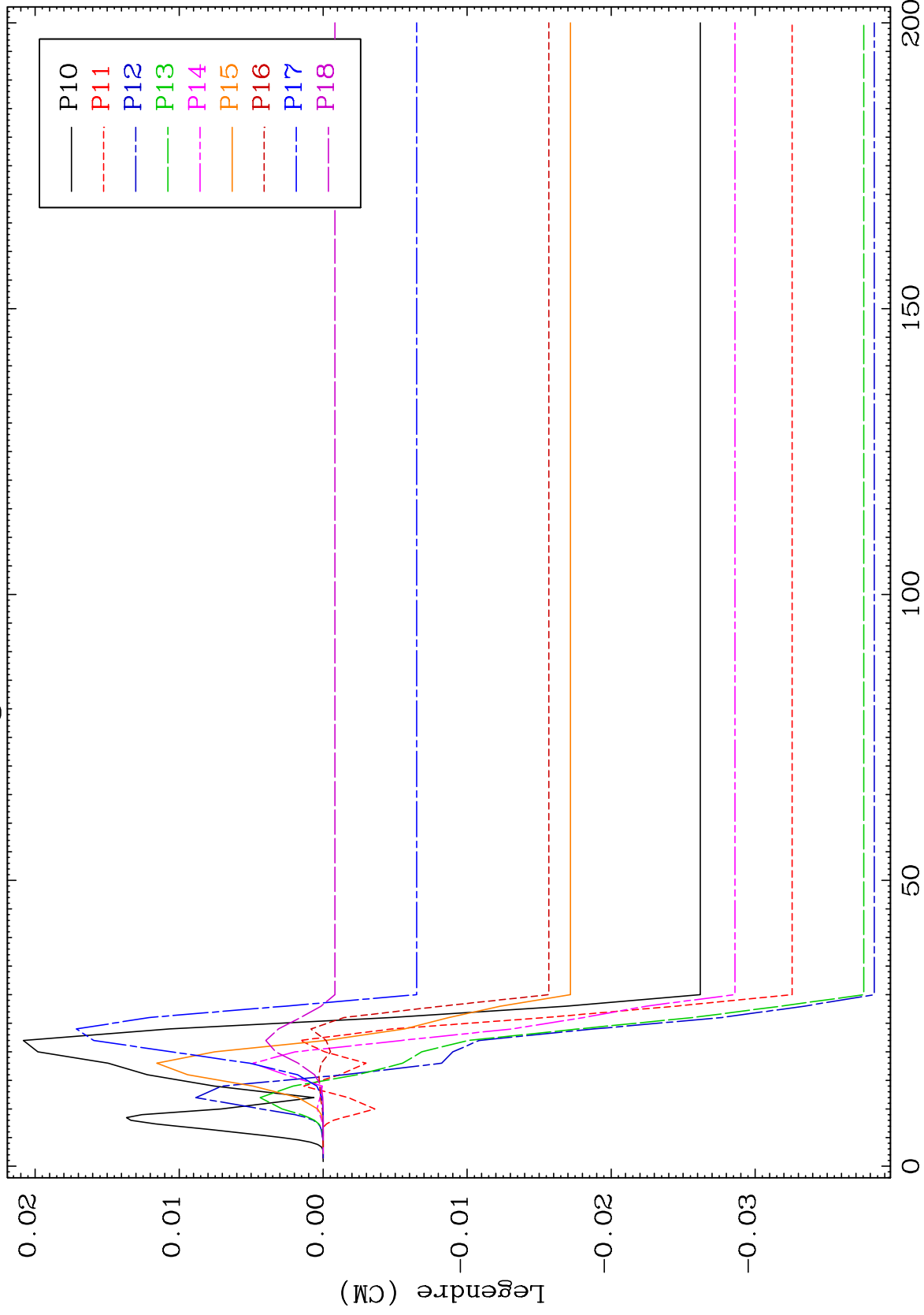
73-Ta-166



MAT 7283

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

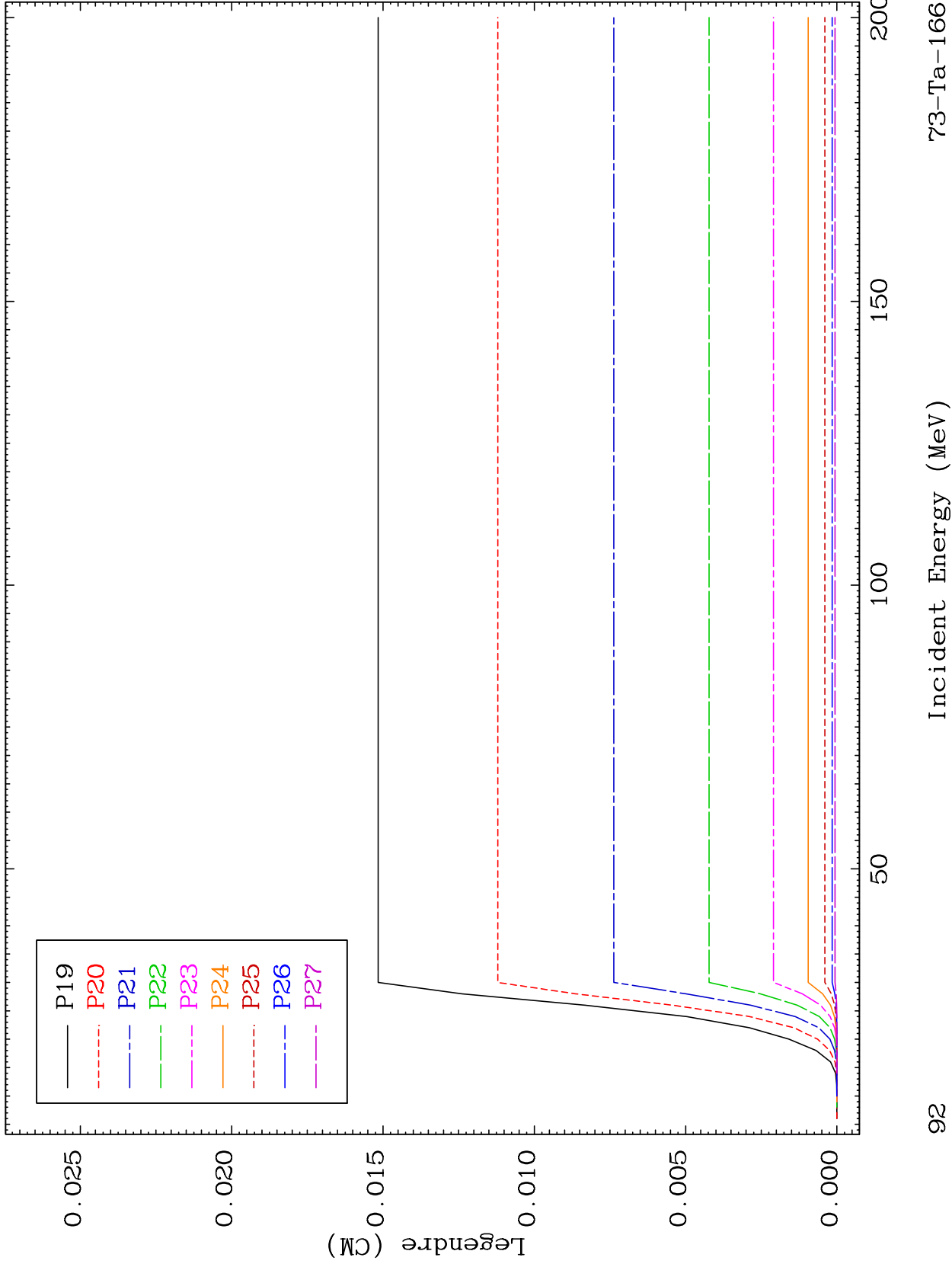
73-Ta-166



91

Incident Energy (MeV)

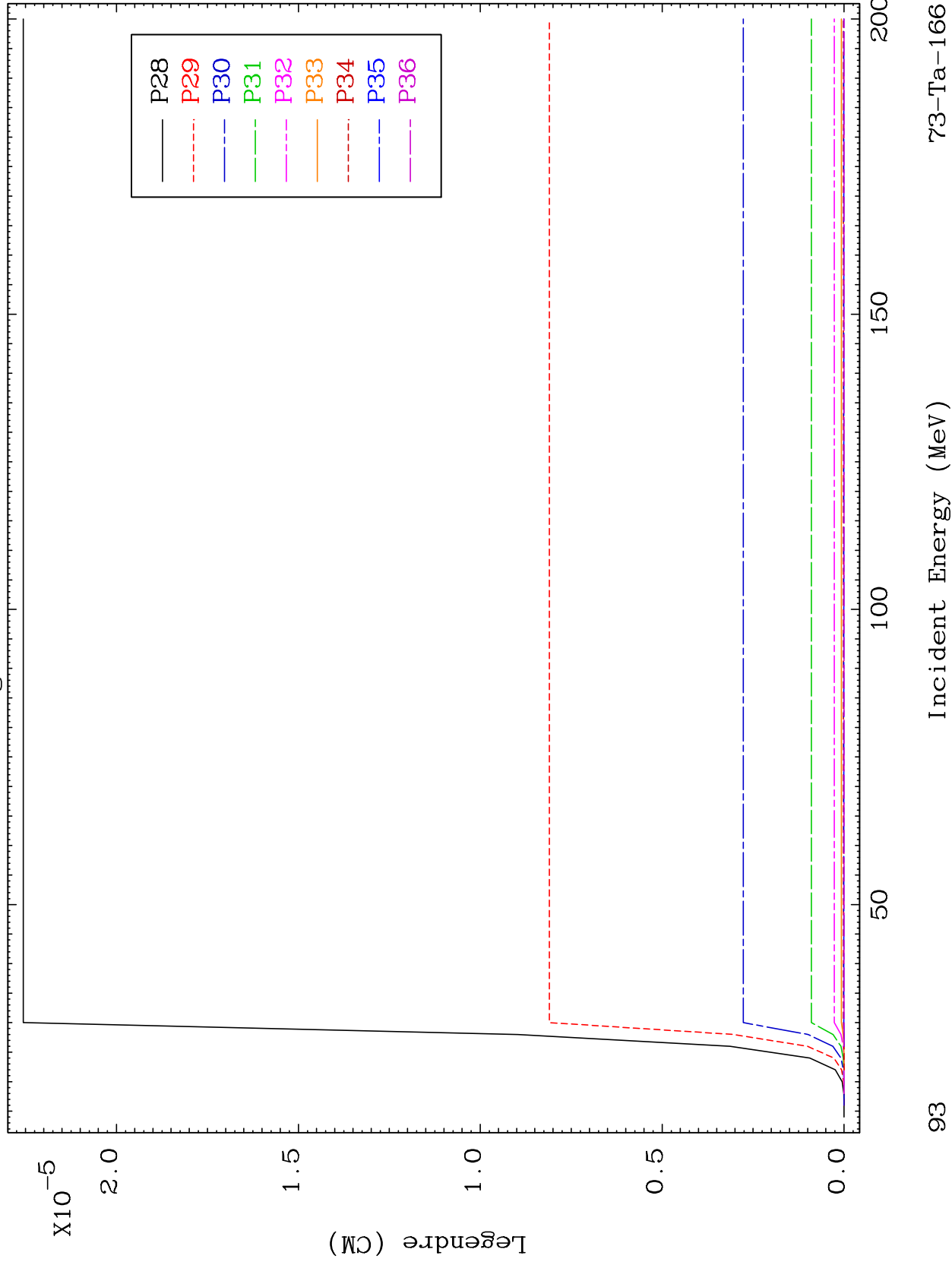
73-Ta-166



MAT 7283

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

73-Ta-166



93

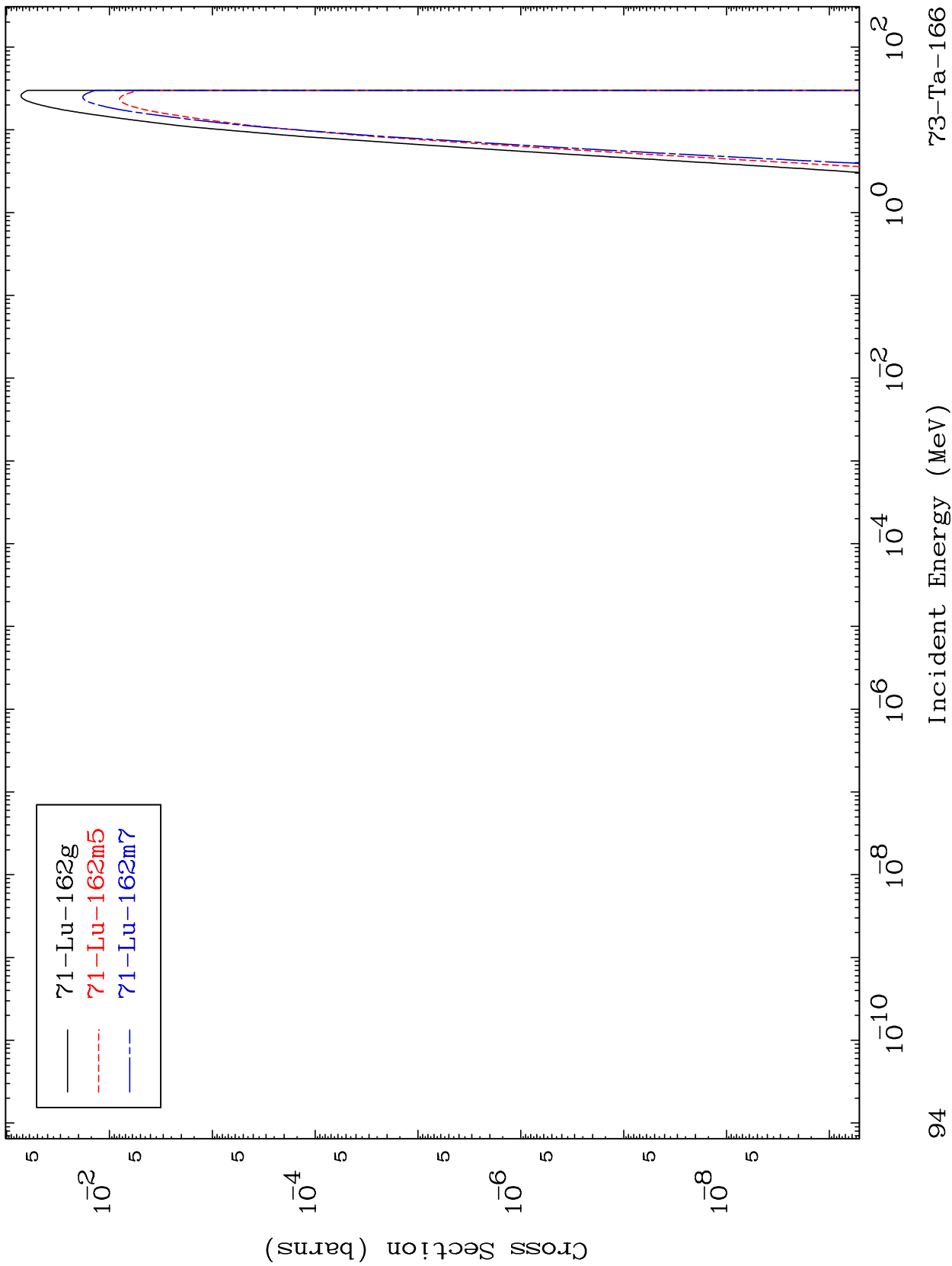
73-Ta-166

MAT 7283

$(n, n') \alpha$

$^{73}\text{Ta-166}$

Radionuclide Production Cross Section

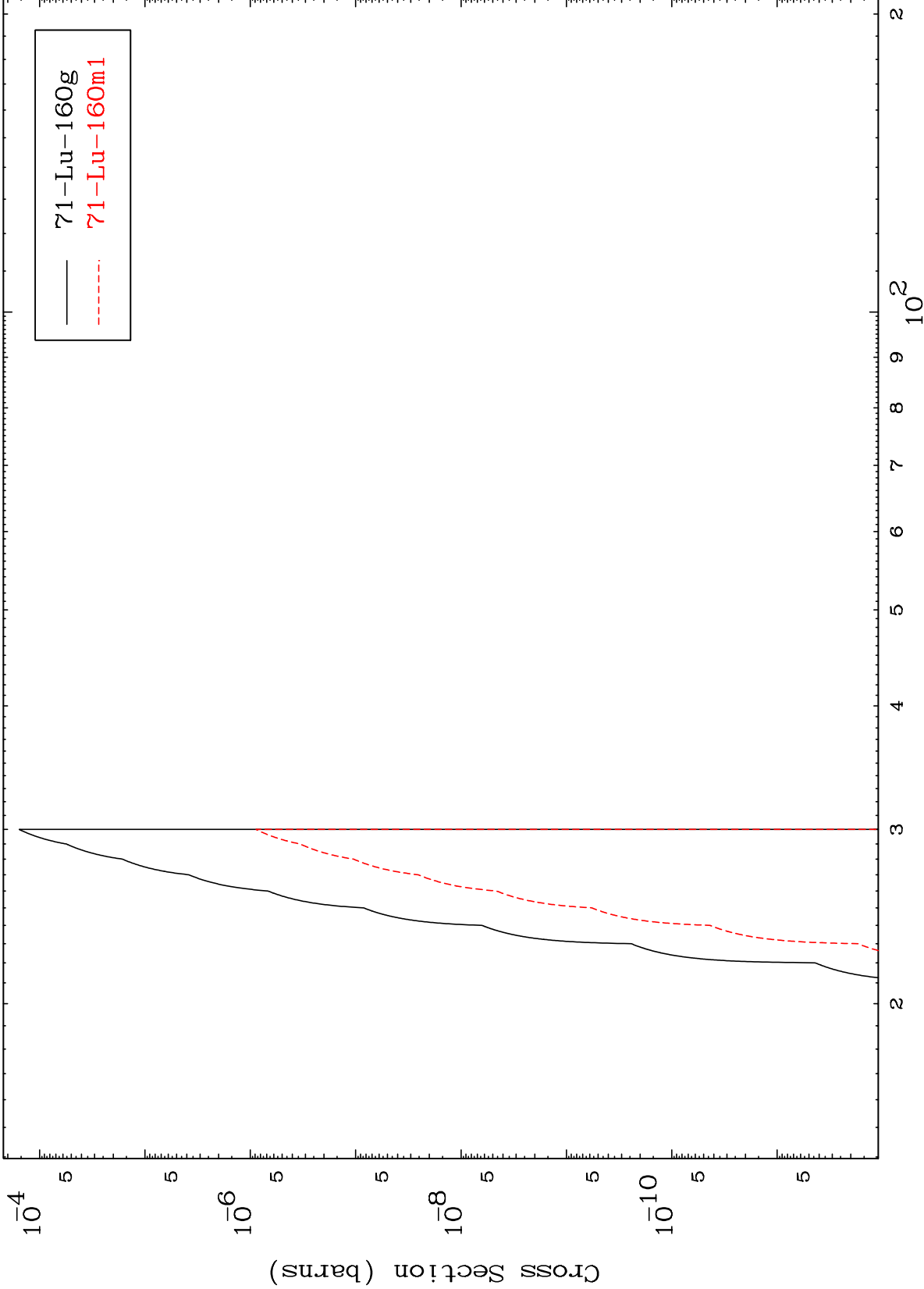


MAT 7283

(n,3n) α

⁷³Ta-166

Radionuclide Production Cross Section



95

Incident Energy (MeV)

⁷³Ta-166

MAT 7283

(n,n') 2α

73-Ta-166

Radionuclide Production Cross Section

