

Program EVALPLOT
(Version 2021-1)

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

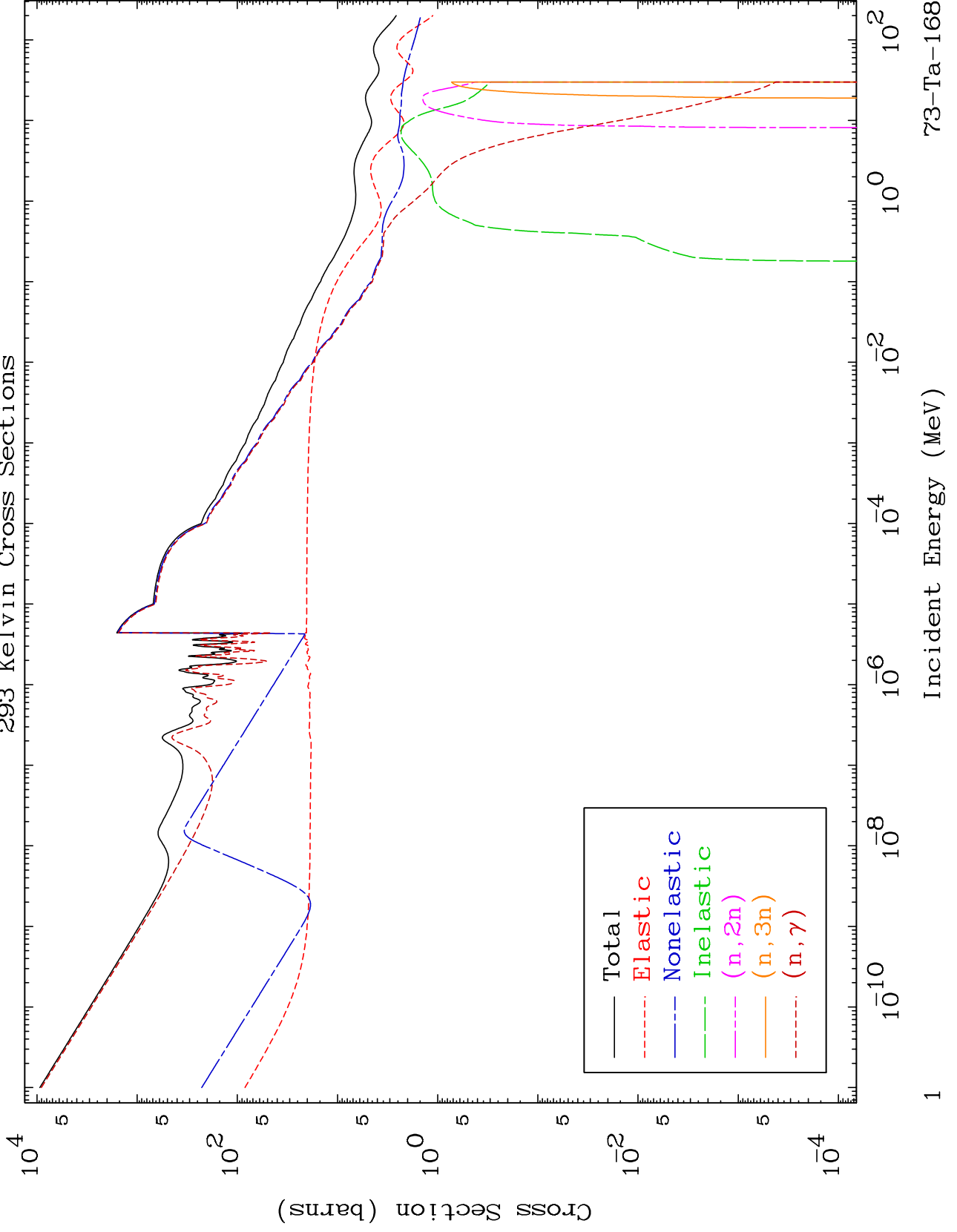
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7289

Neutron Major
293 Kelvin Cross Sections

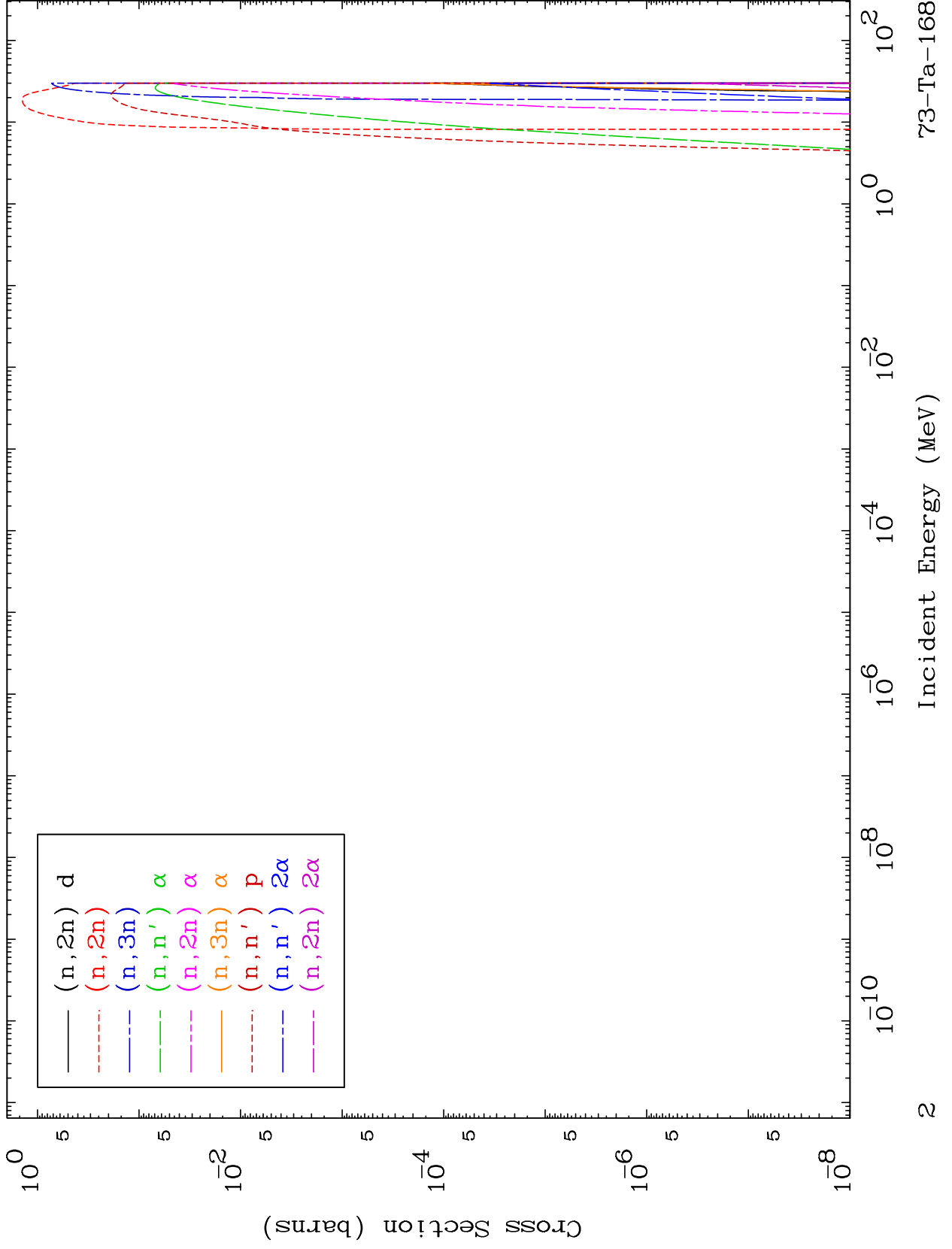
73-Ta-168

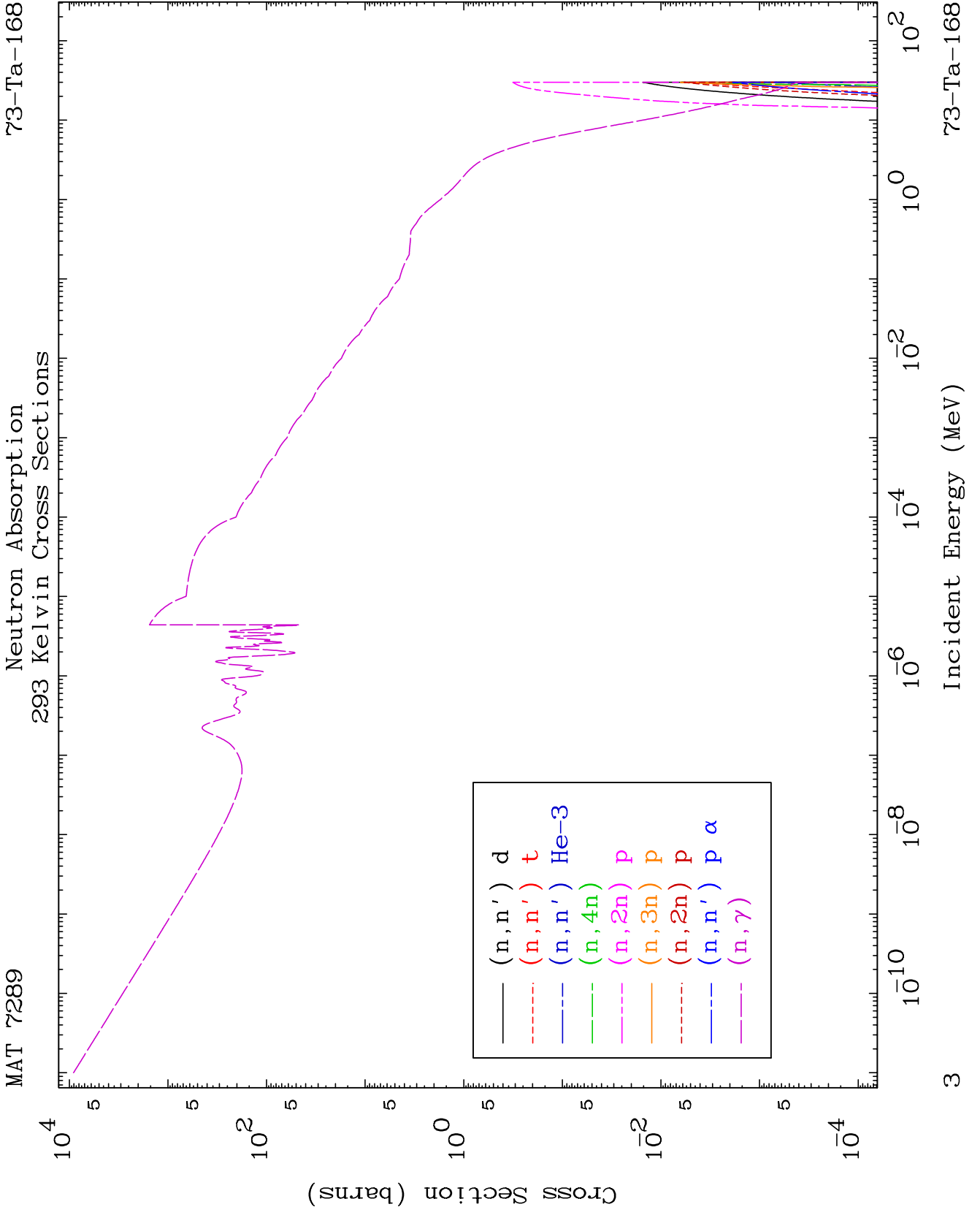


MAT 7289

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-168

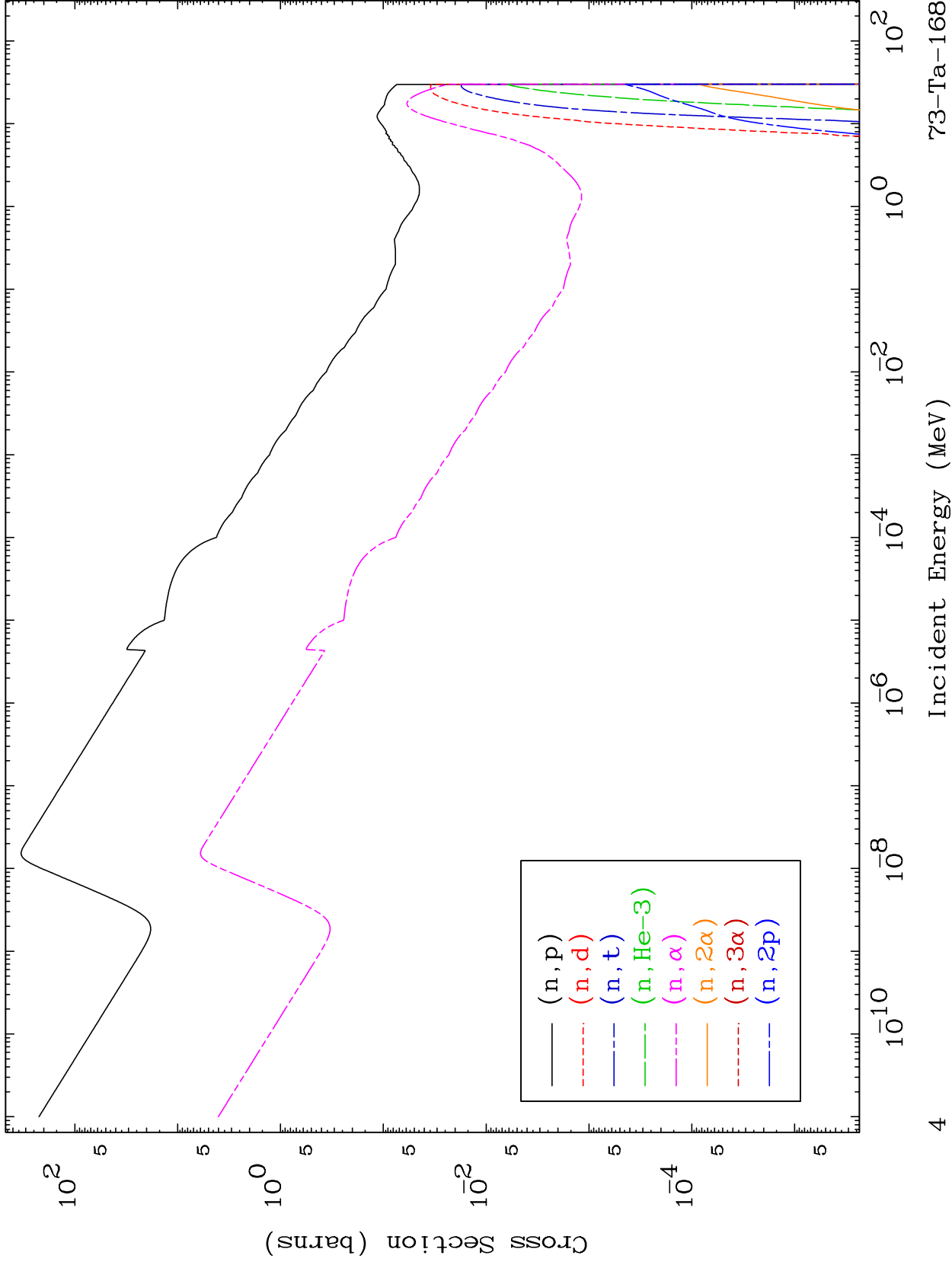


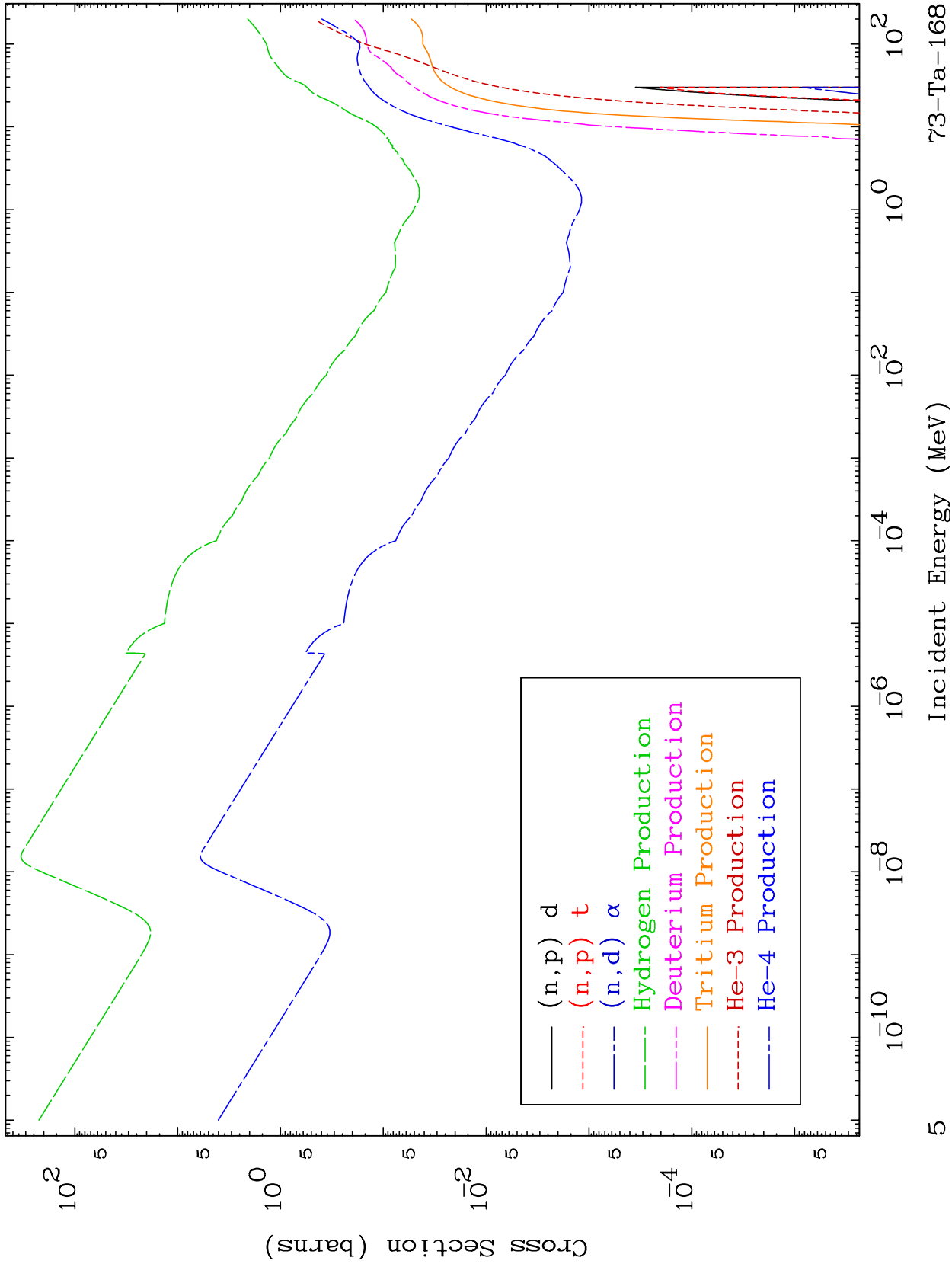


MAT 7289

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-168

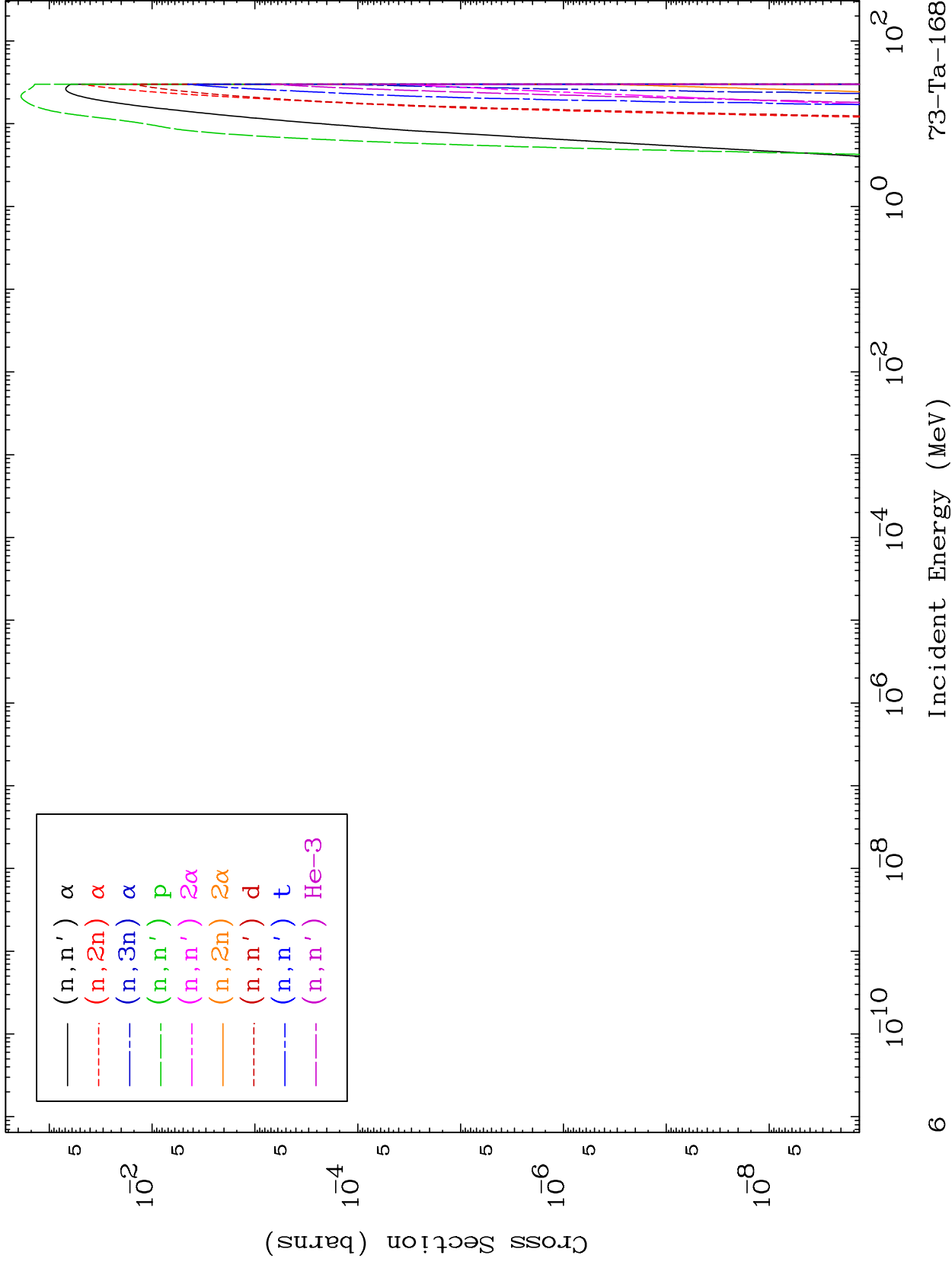




MAT 7289

Charged Particle
293 Kelvin Cross Sections

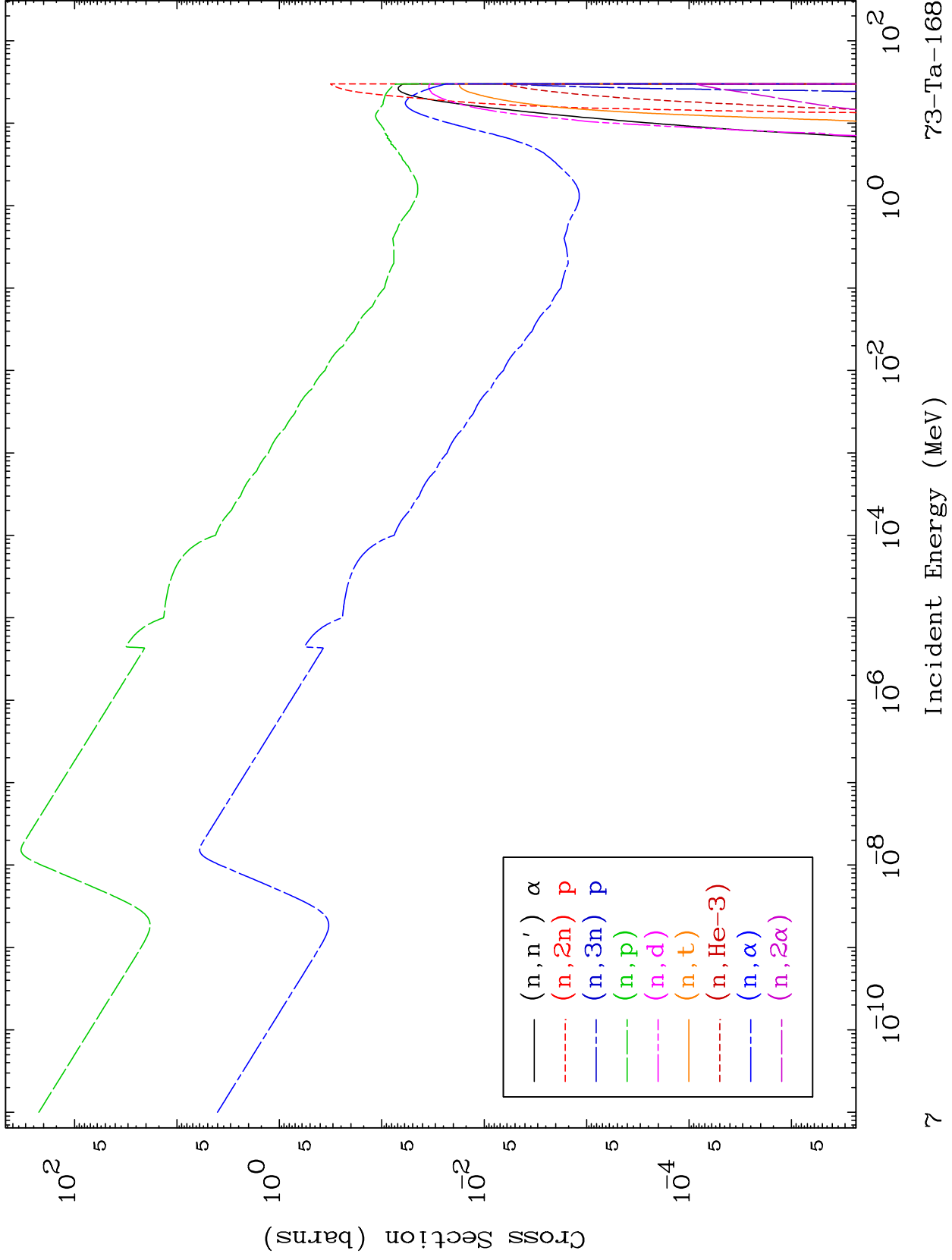
73-Ta-168



MAT 7289

Charged Particle
293 Kelvin Cross Sections

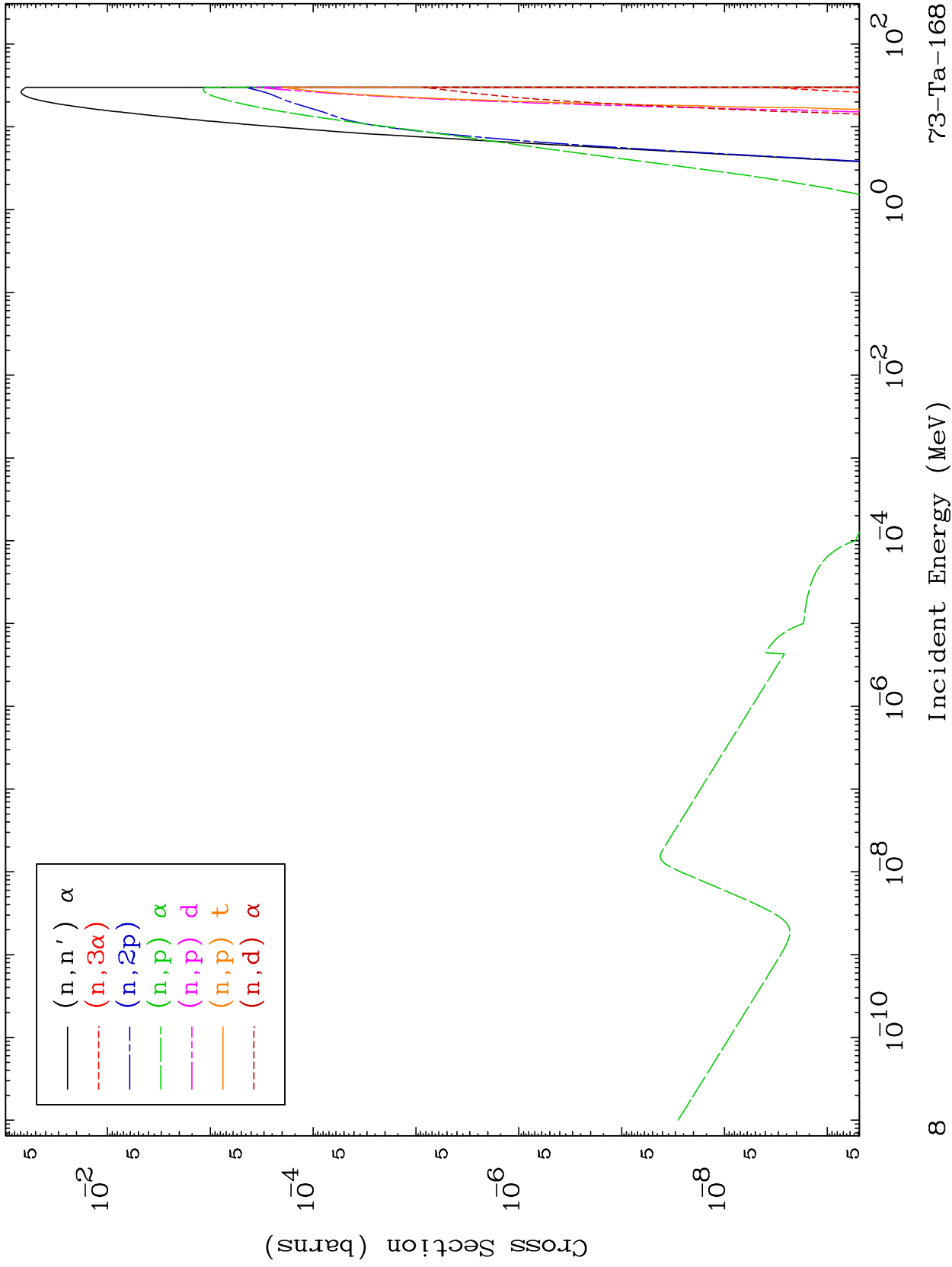
73-Ta-168



MAT 7289

Charged Particle
293 Kelvin Cross Sections

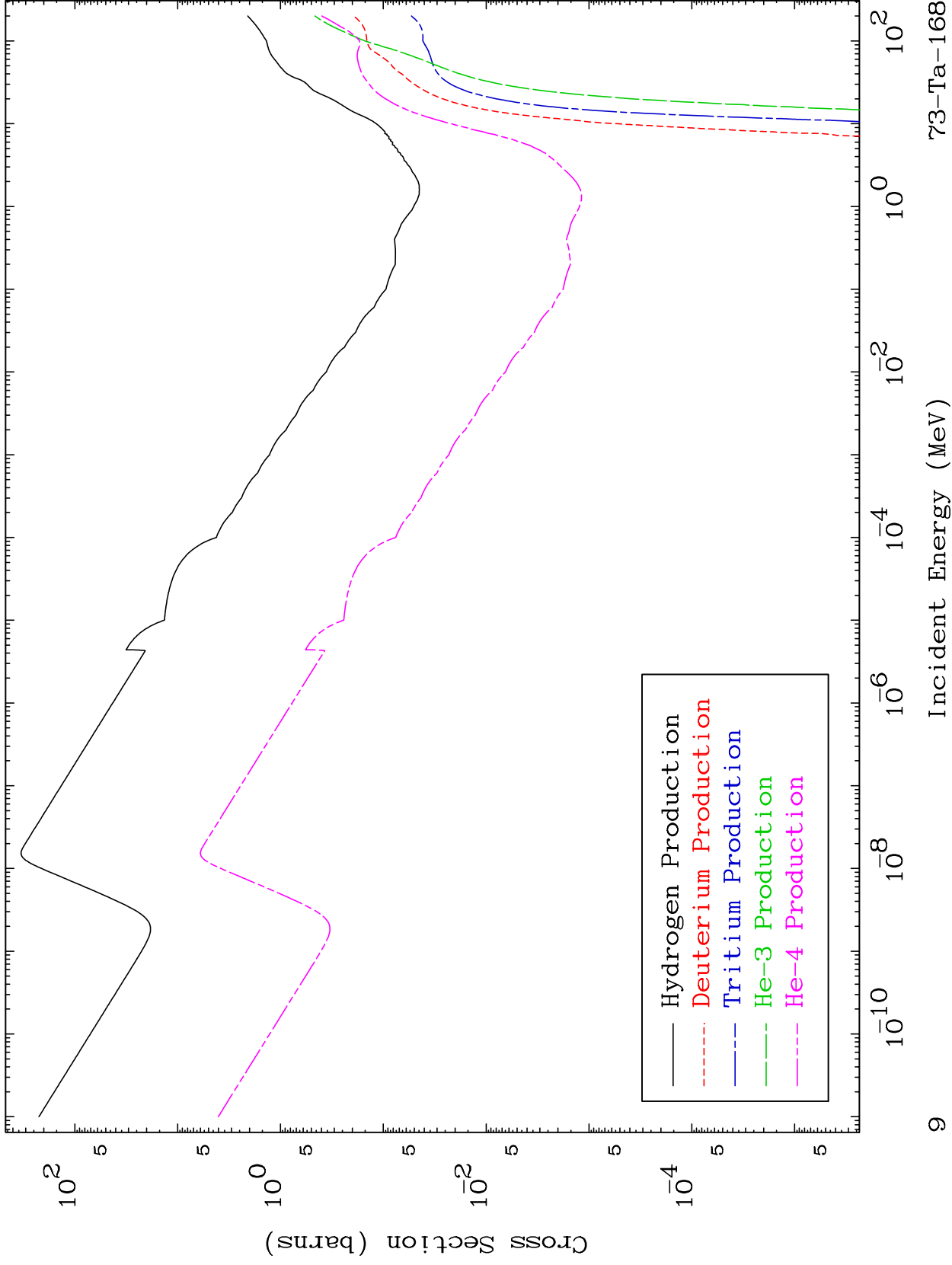
73-Ta-168



MAT 7289

Particle Production
293 Kelvin Cross Sections

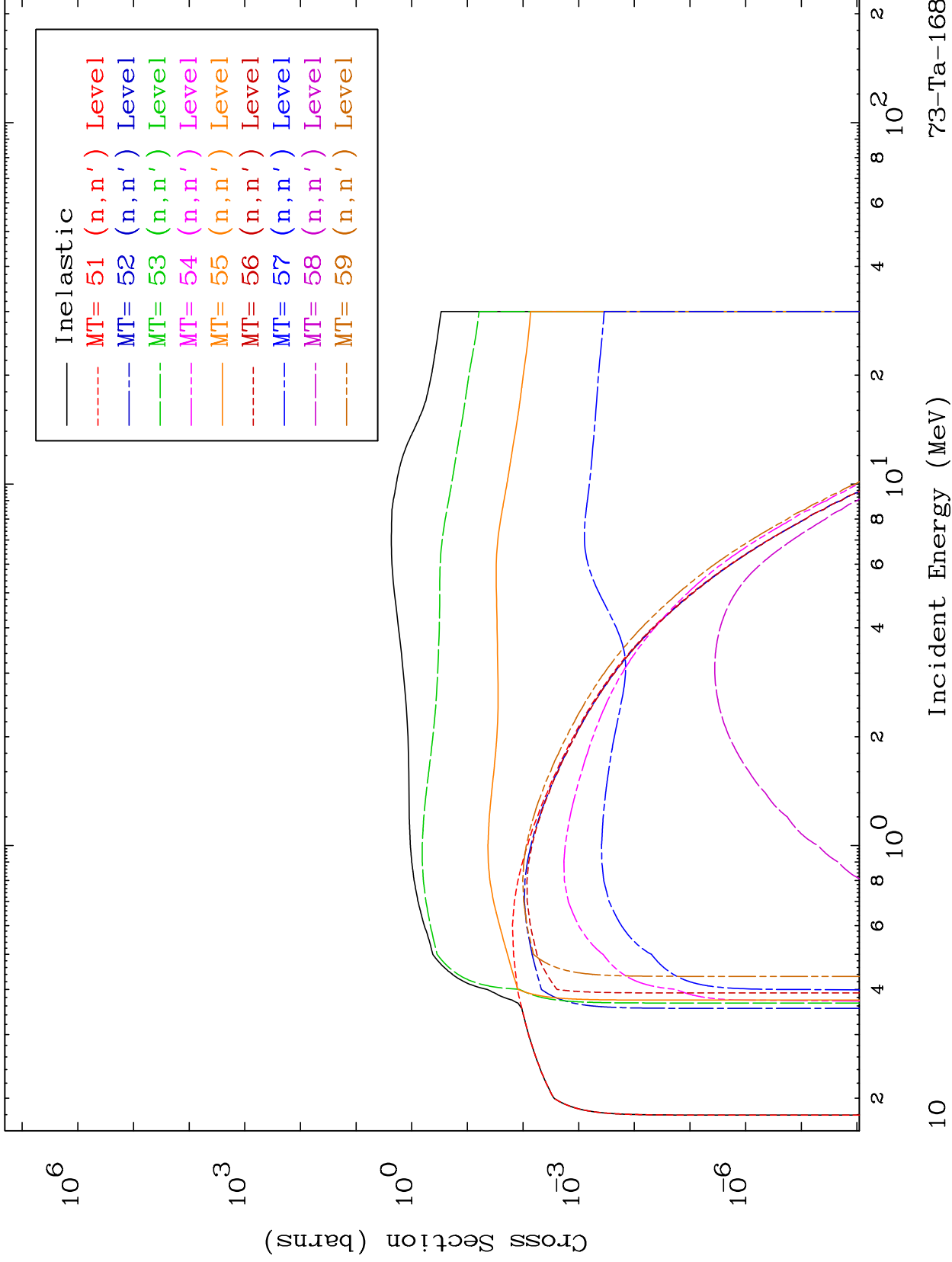
73-Ta-168



MAT 7289

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-168

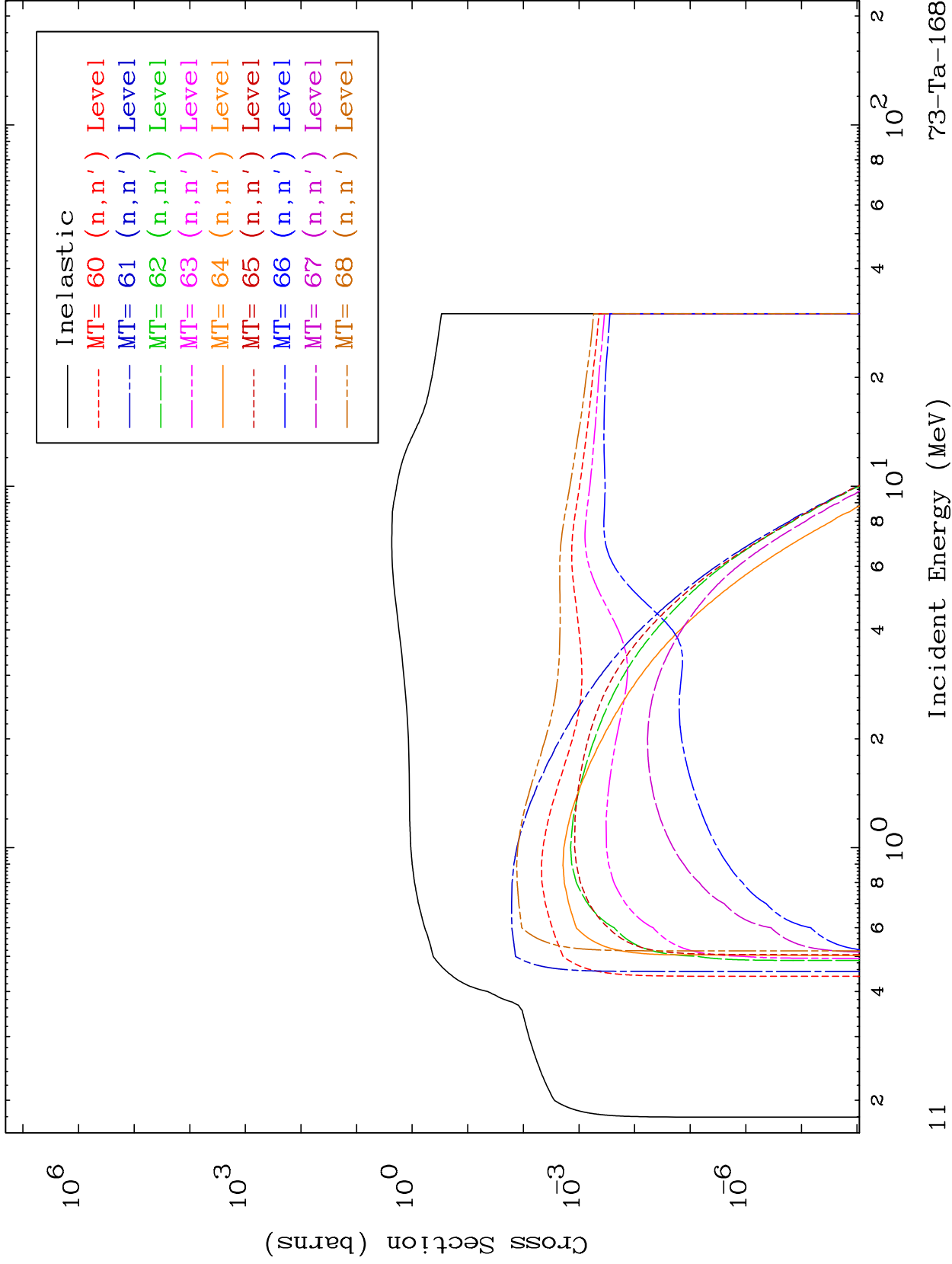


MAT 7289

(n,n') Levels

73-Ta-168

293 Kelvin Cross Sections



11

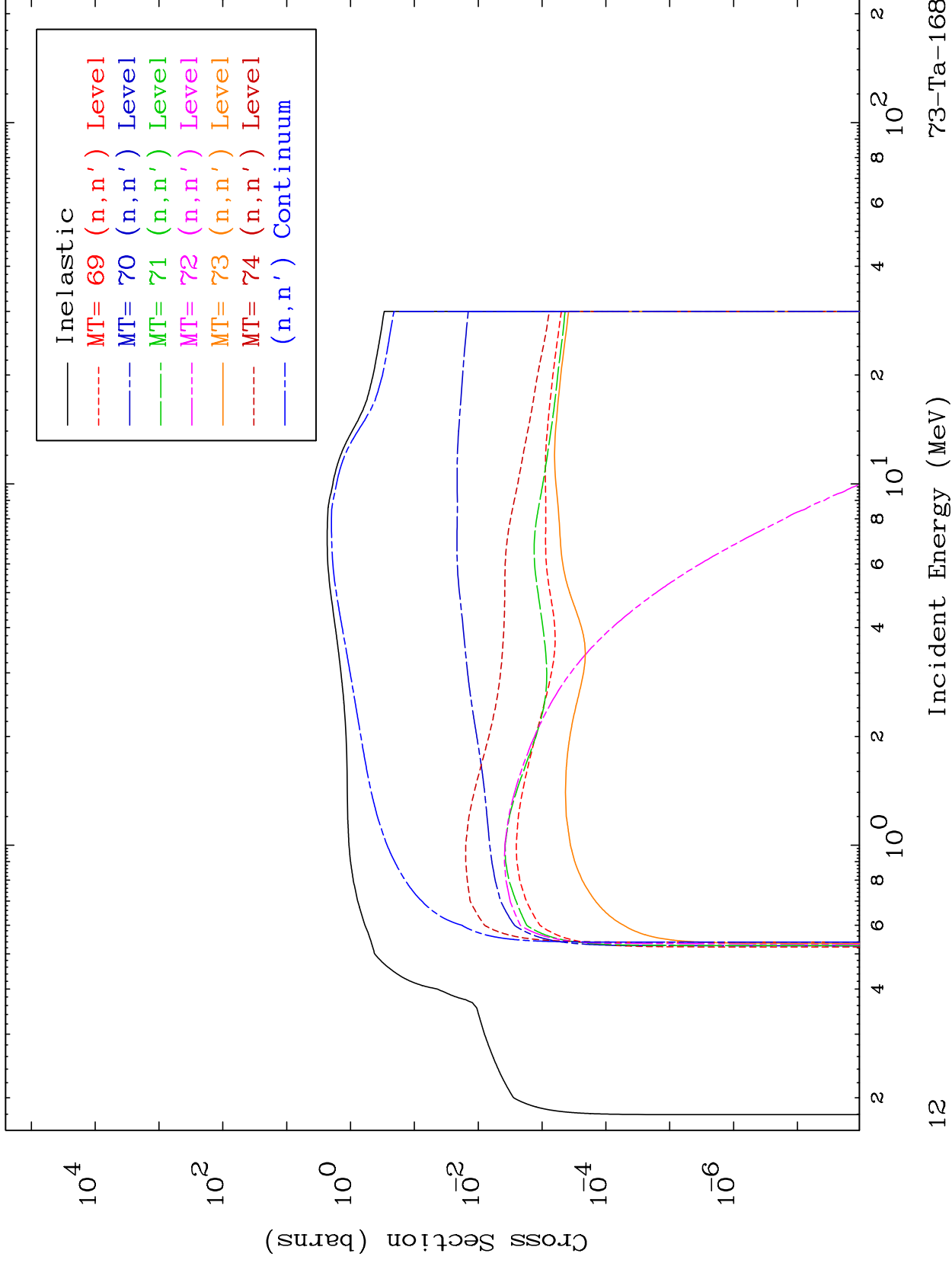
Incident Energy (MeV)

73-Ta-168

MAT 7289

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-168



12

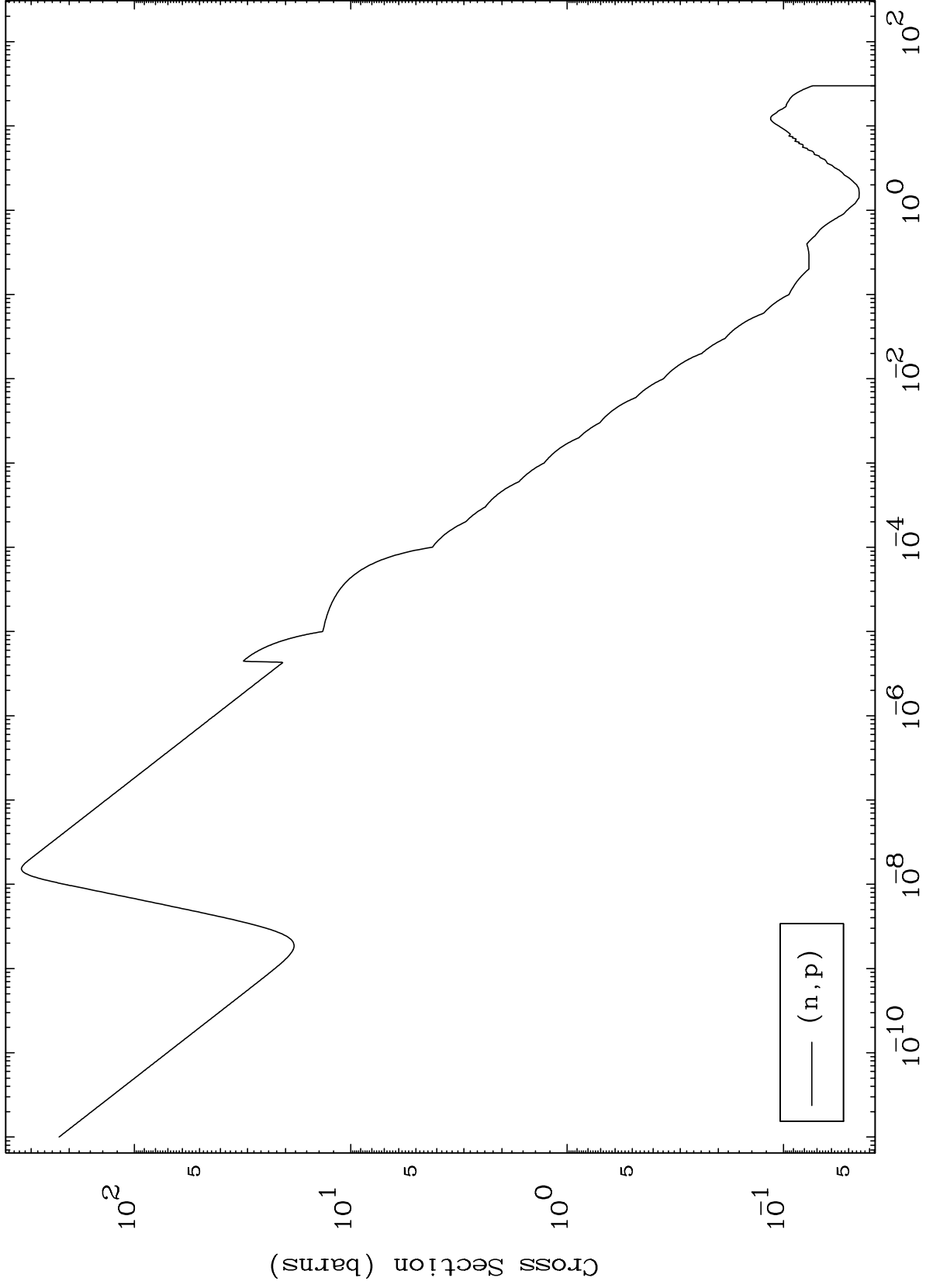
Incident Energy (MeV)

73-Ta-168

MAT 7289

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-168



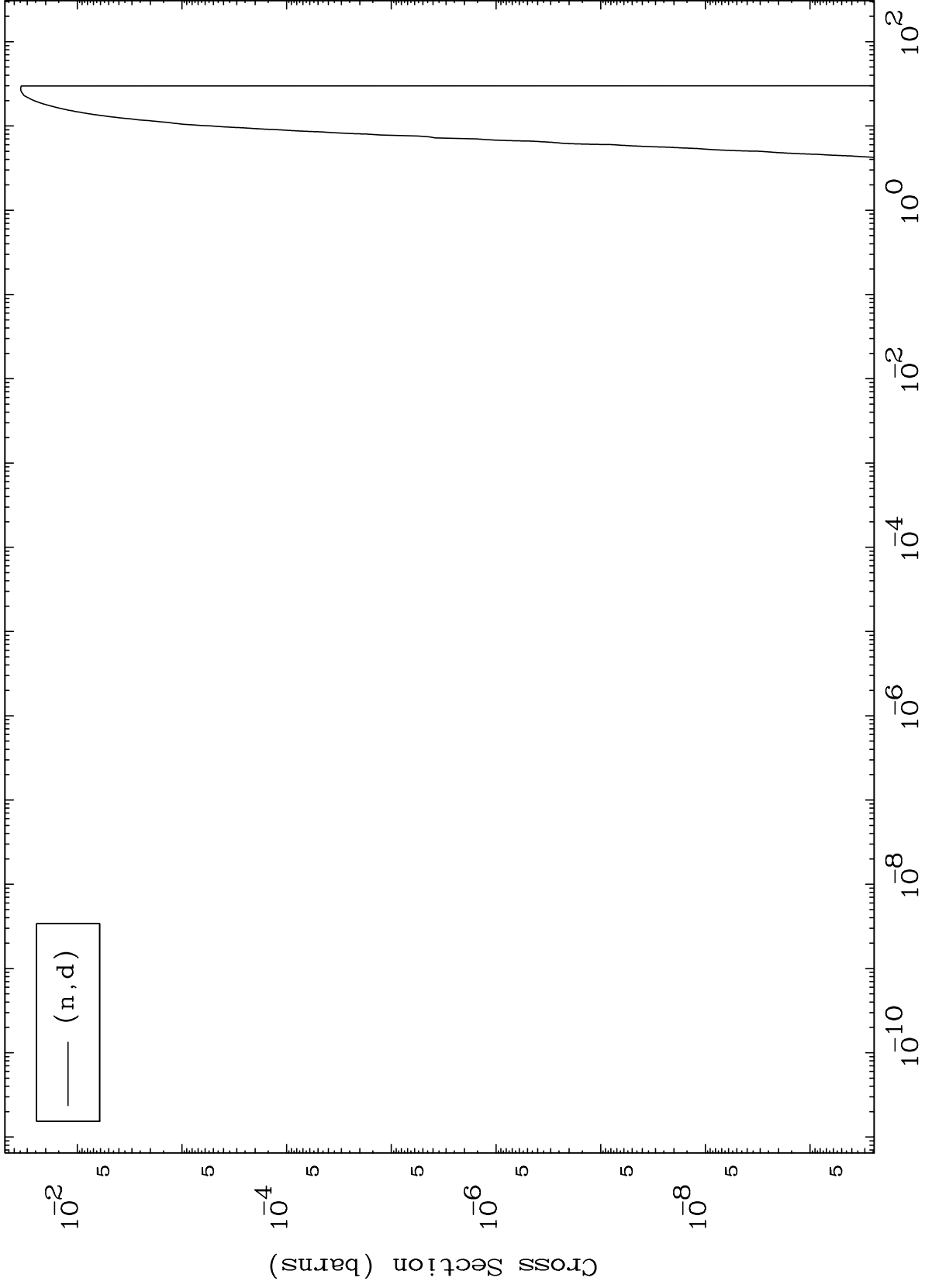
13

73-Ta-168

MAT 7289

(n,d) Levels
293 Kelvin Cross Sections

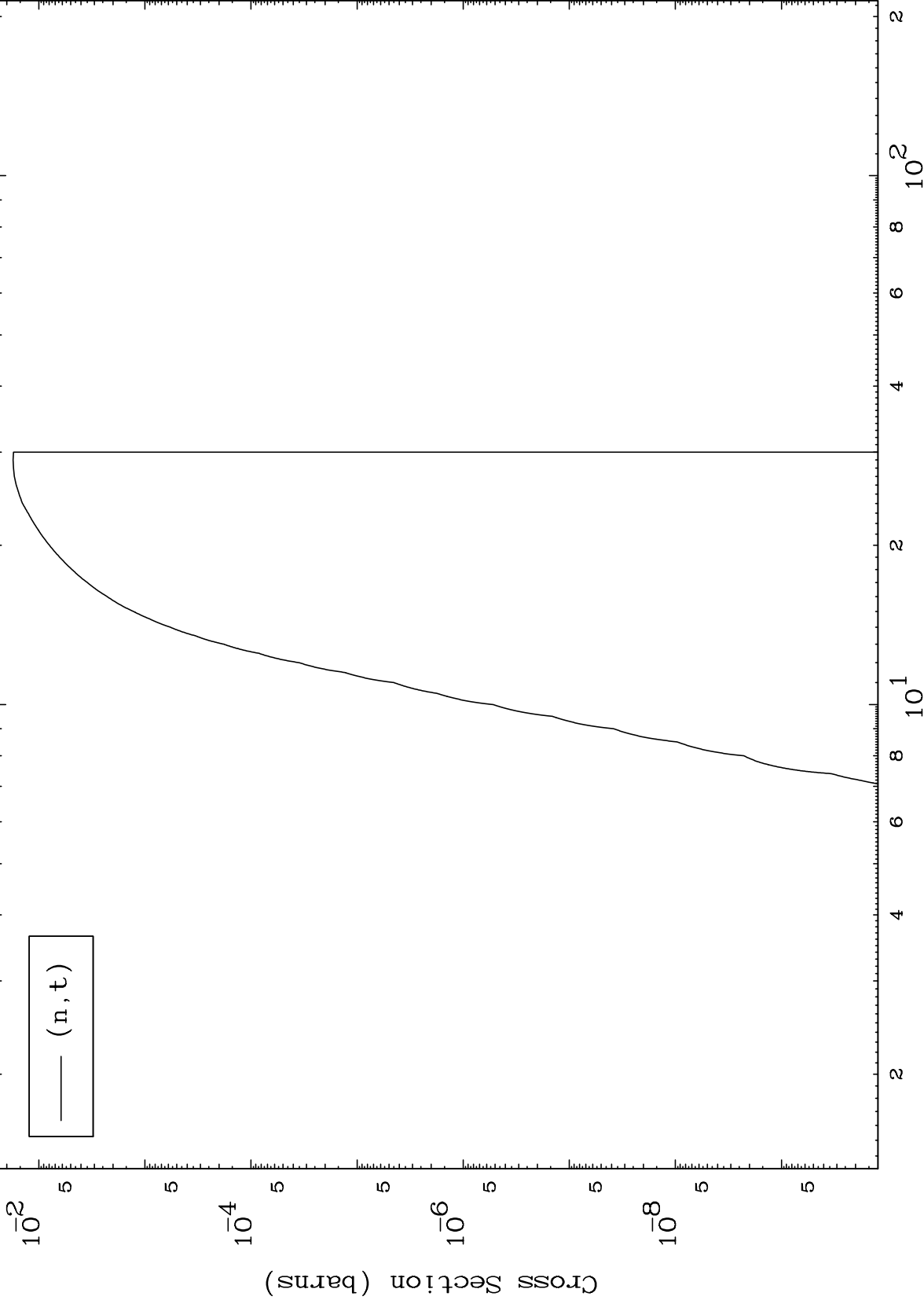
73-Ta-168



MAT 7289

(n,t) Levels
293 Kelvin Cross Sections

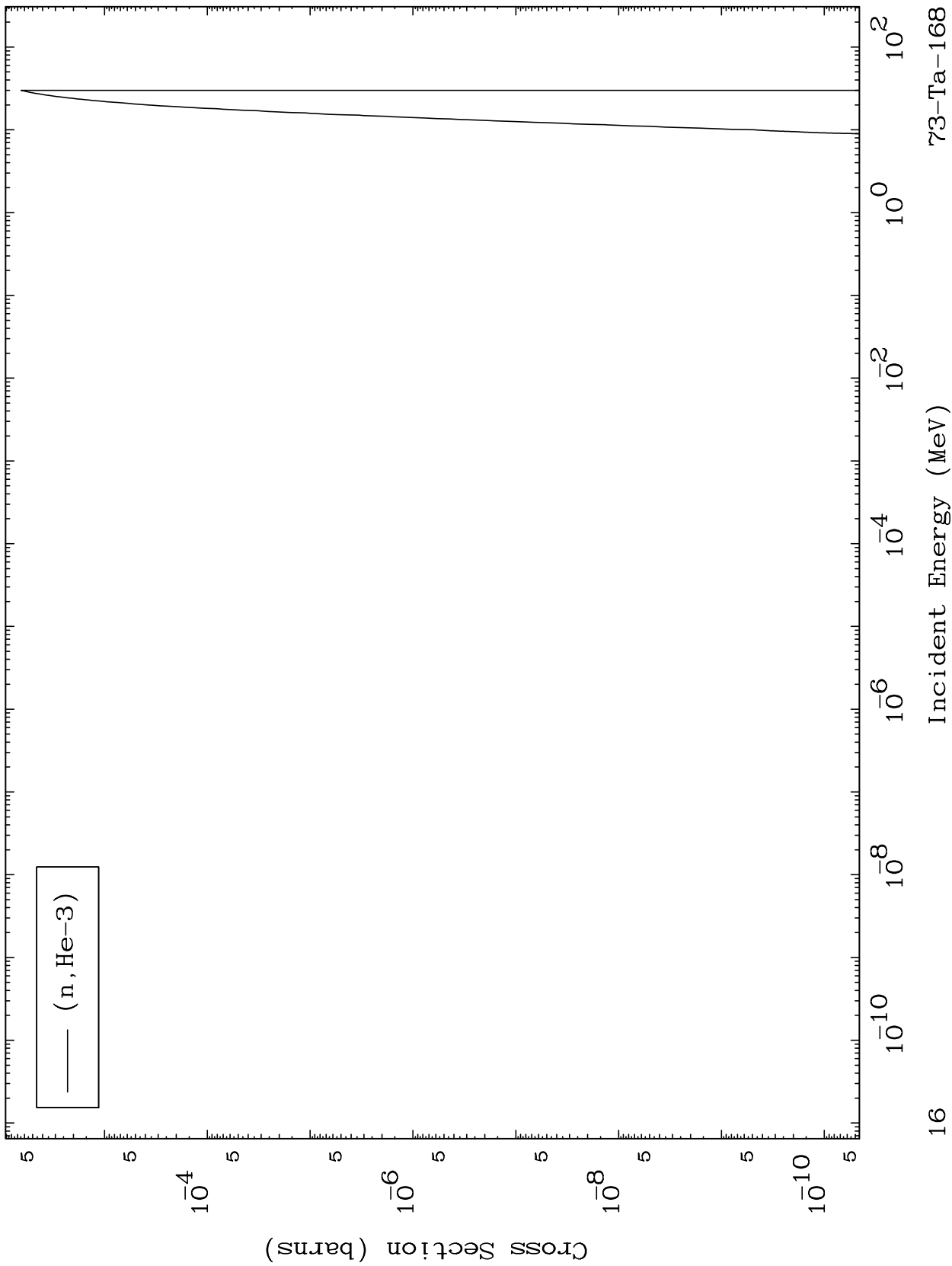
⁷³Ta-168



MAT 7289

(n,He3) Levels
293 Kelvin Cross Sections

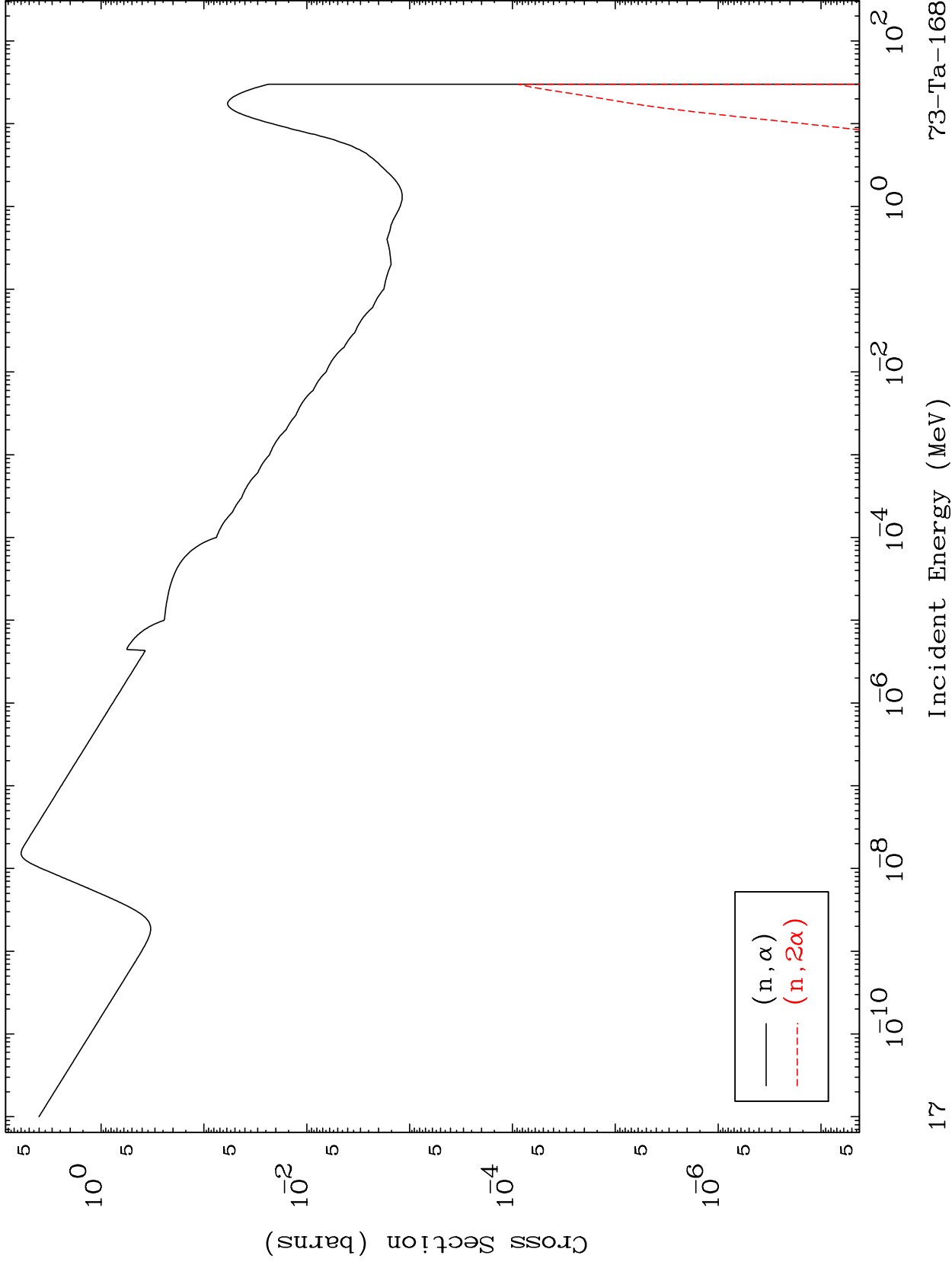
73-Ta-168

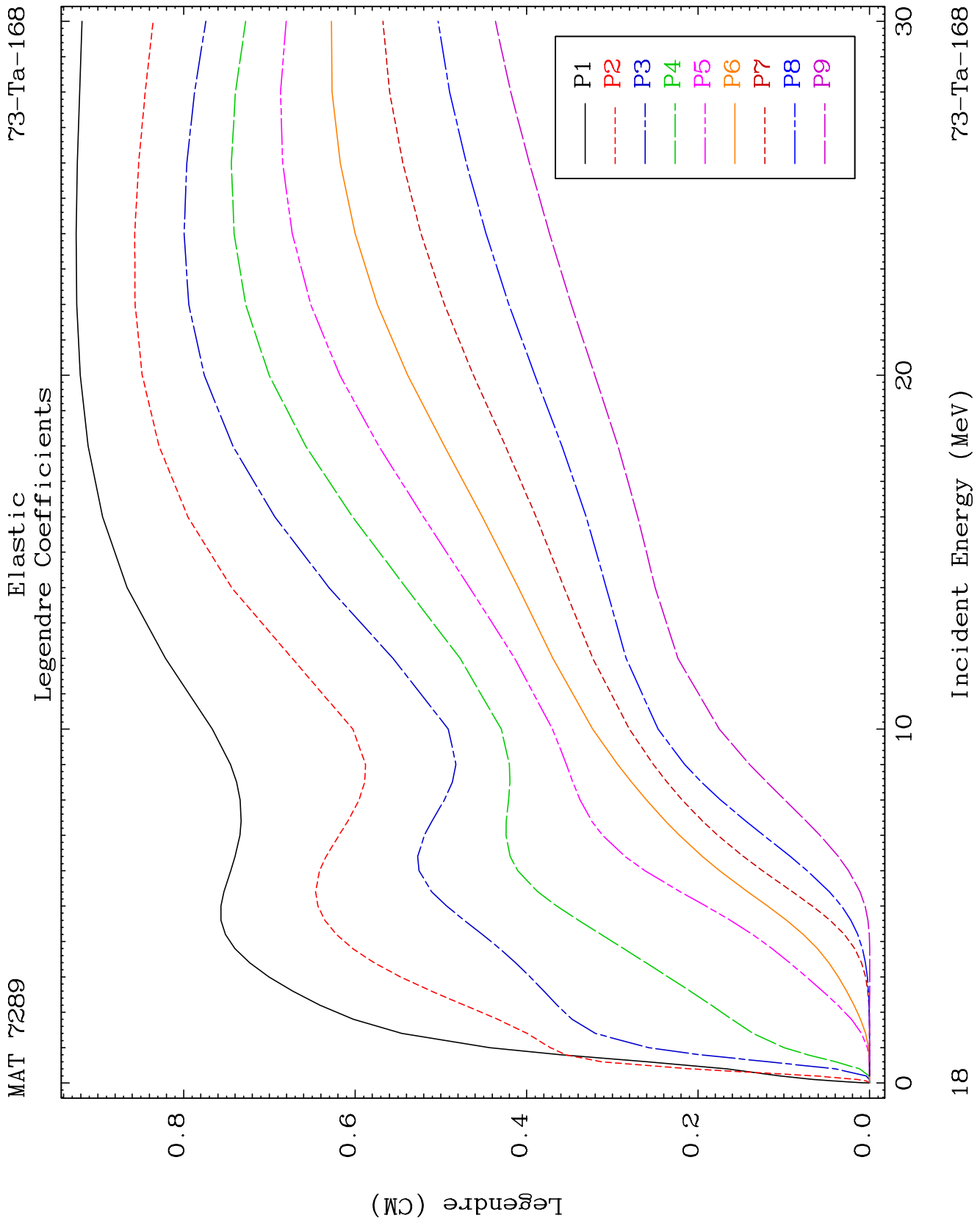


MAT 7289

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-168

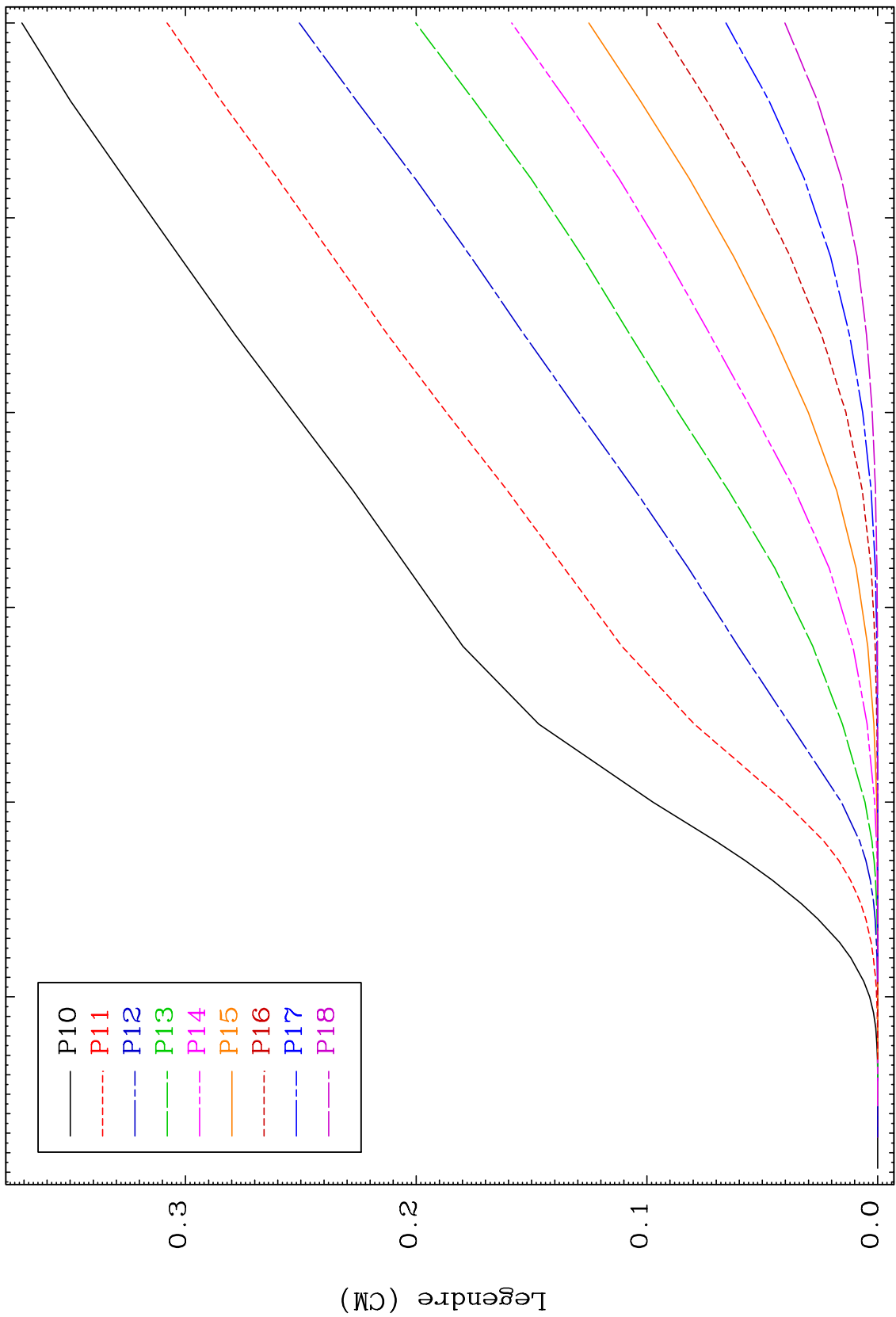




MAT 7289

Elastic Legendre Coefficients

⁷³Ta-168



19

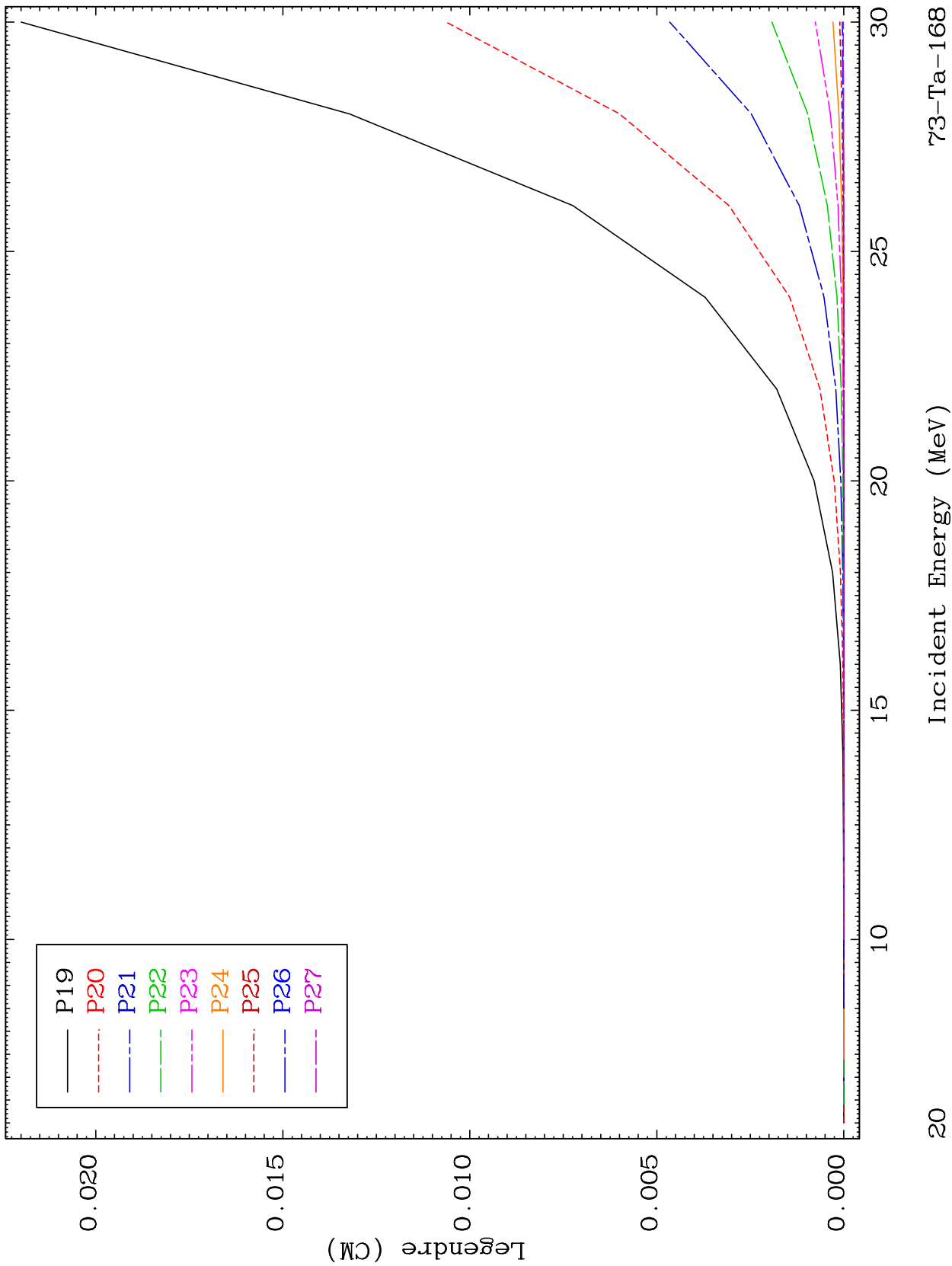
⁷³Ta-168

Incident Energy (MeV)

MAT 7289

Elastic Legendre Coefficients

73-Ta-168



20

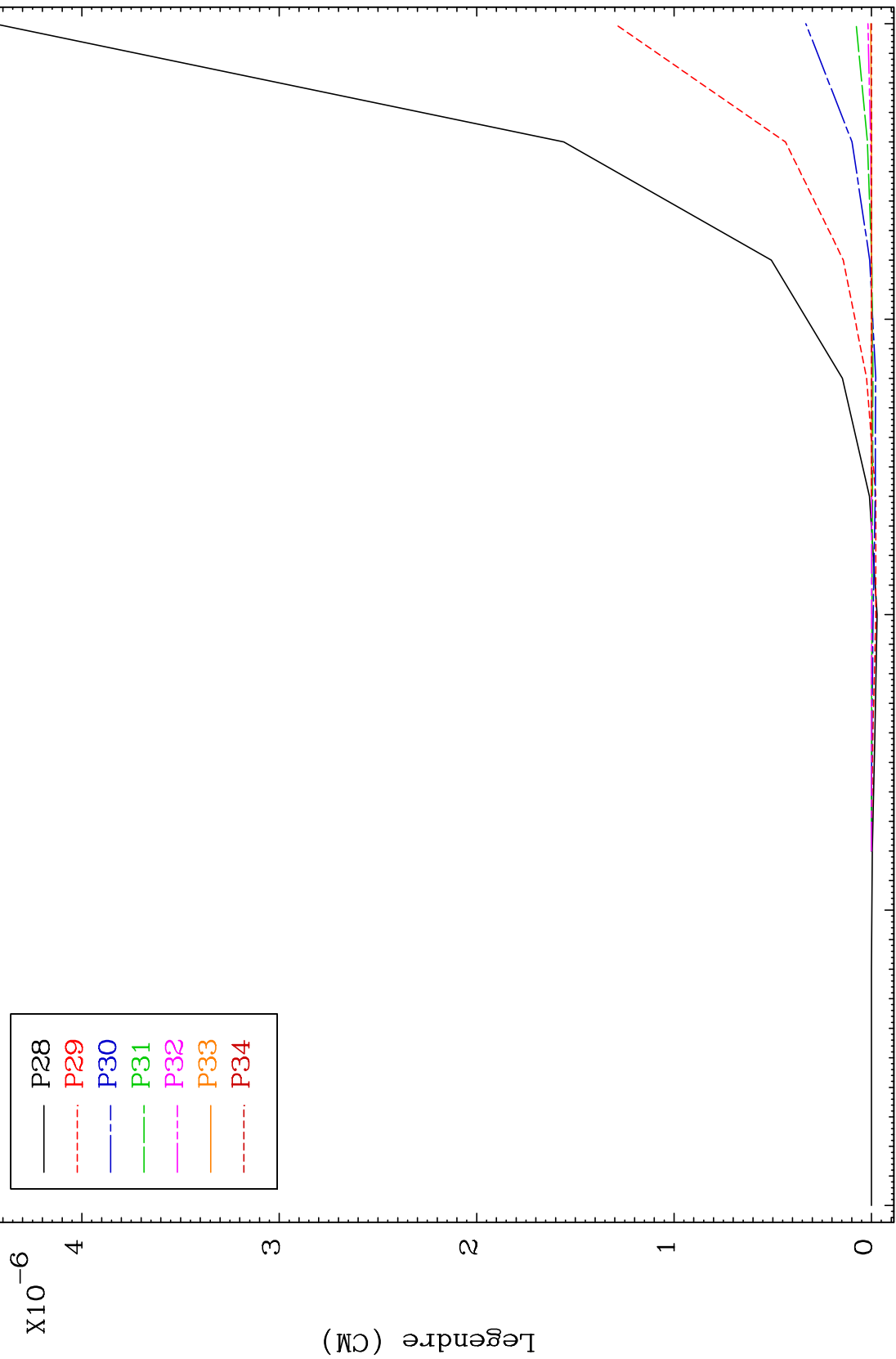
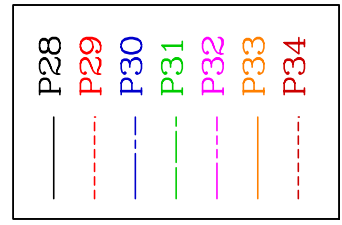
Incident Energy (MeV)

73-Ta-168

MAT 7289

Elastic Legendre Coefficients

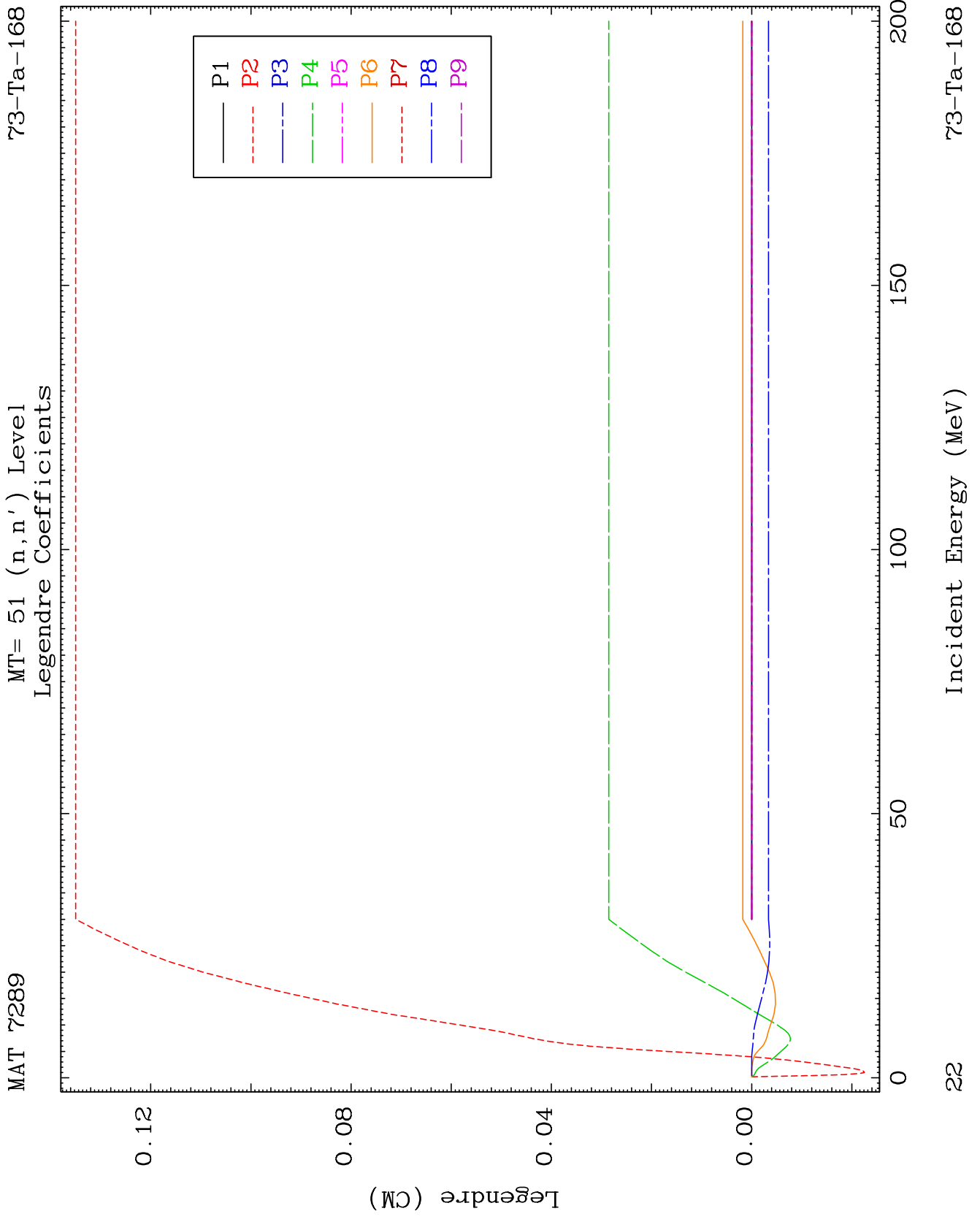
⁷³Ta-168



21

Incident Energy (MeV)

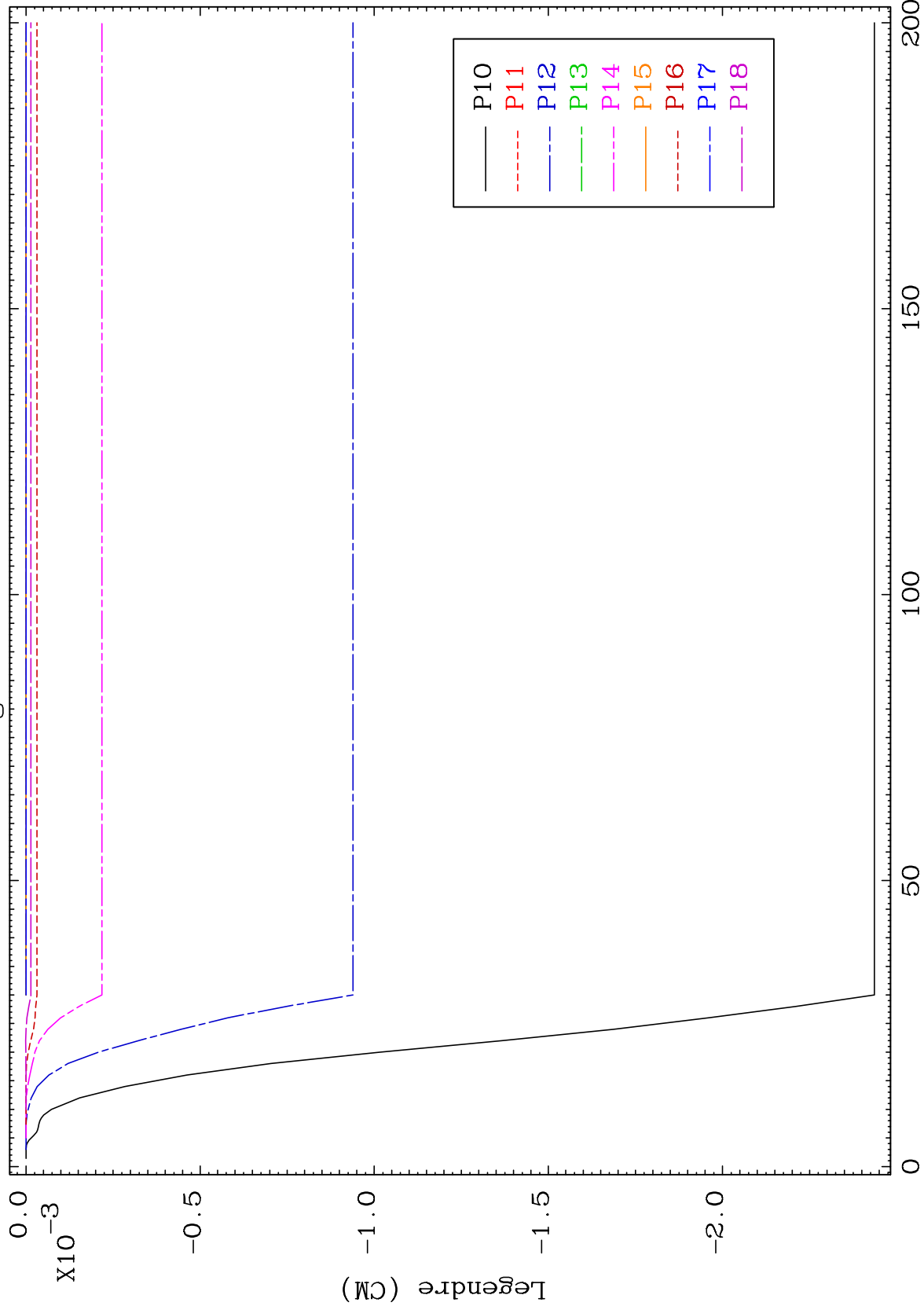
⁷³Ta-168

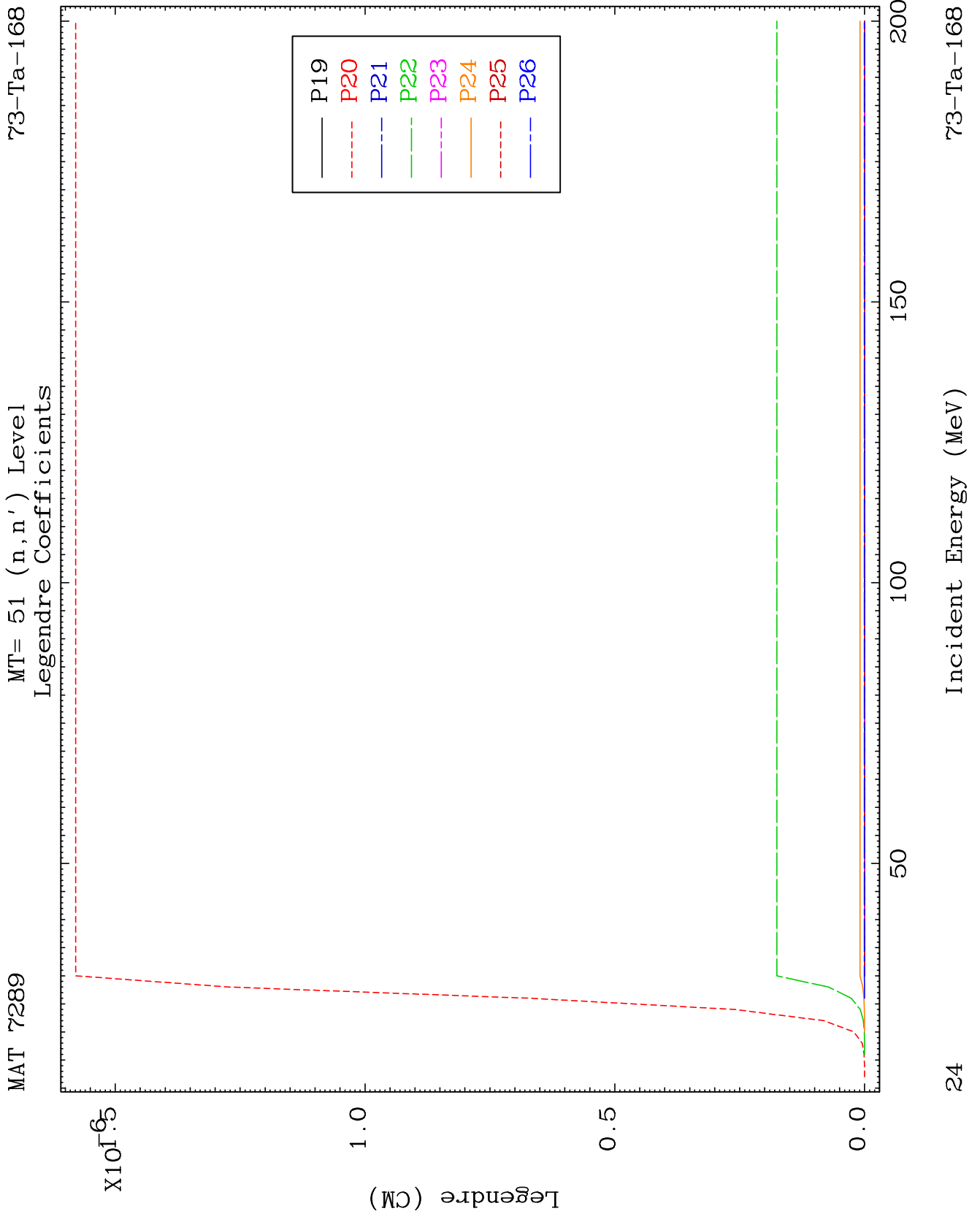


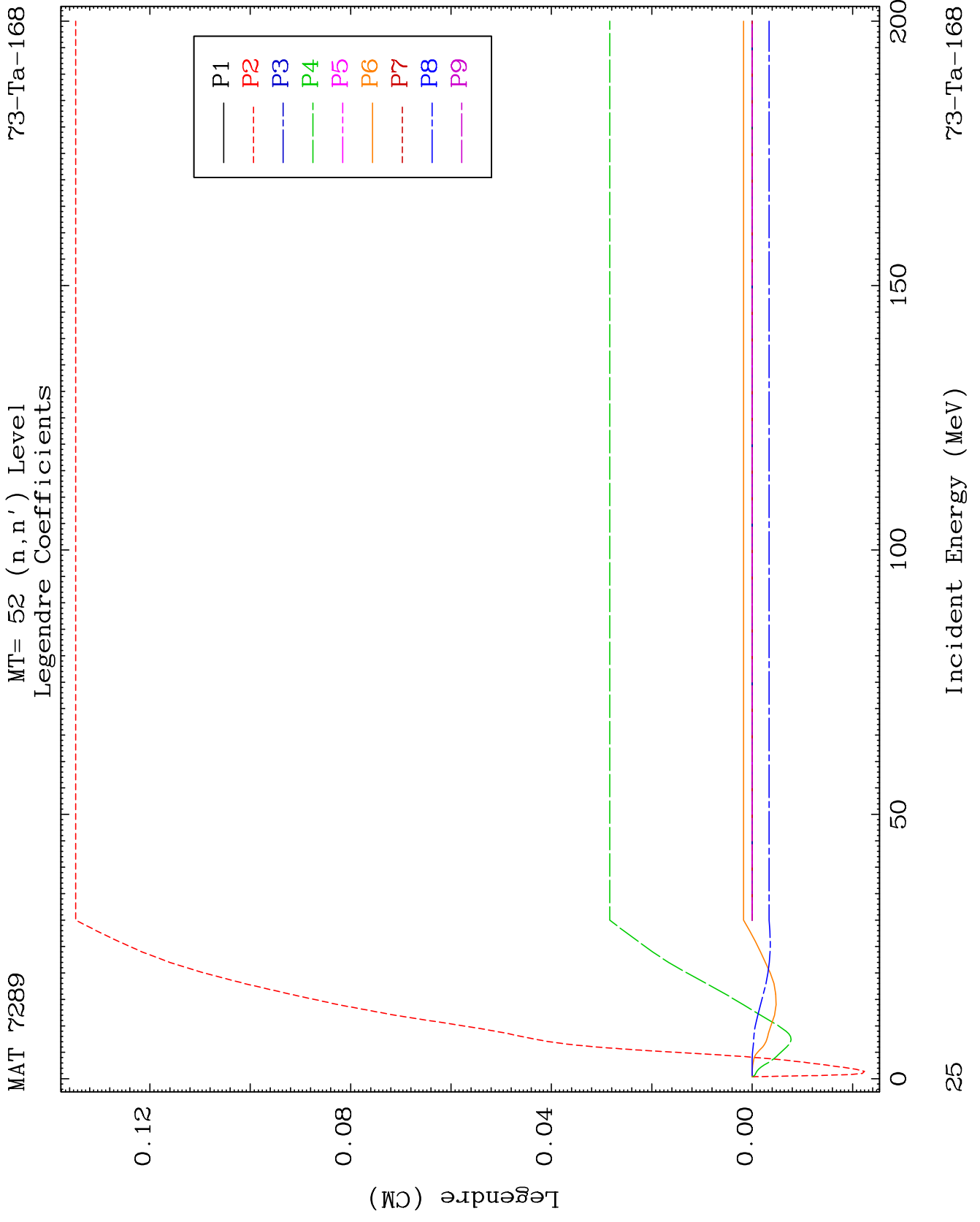
MAT 7289

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

73-Ta-168





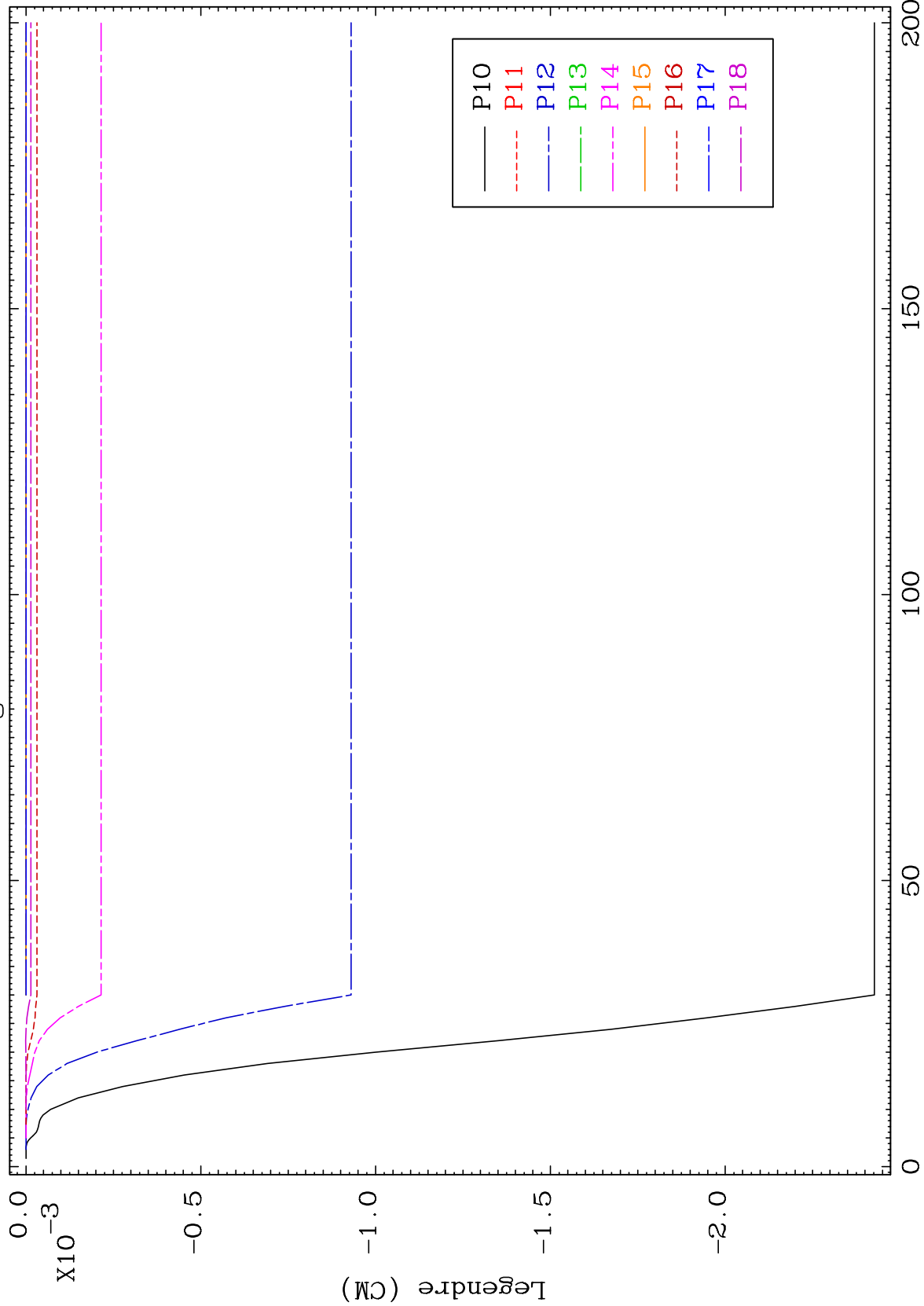


MAT 7289

MT= 52 (n,n') Level

73-Ta-168

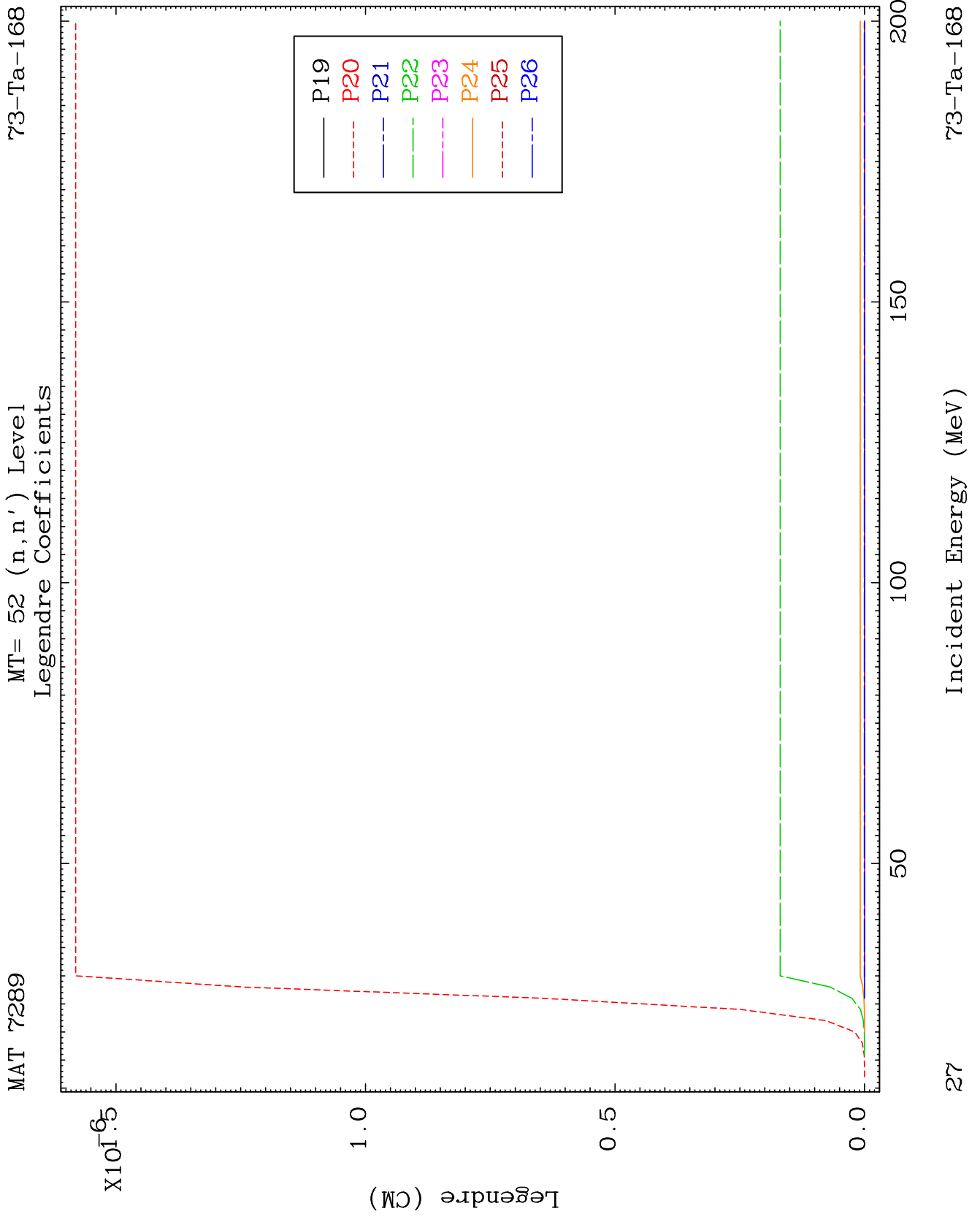
Legendre Coefficients



26

Incident Energy (MeV)

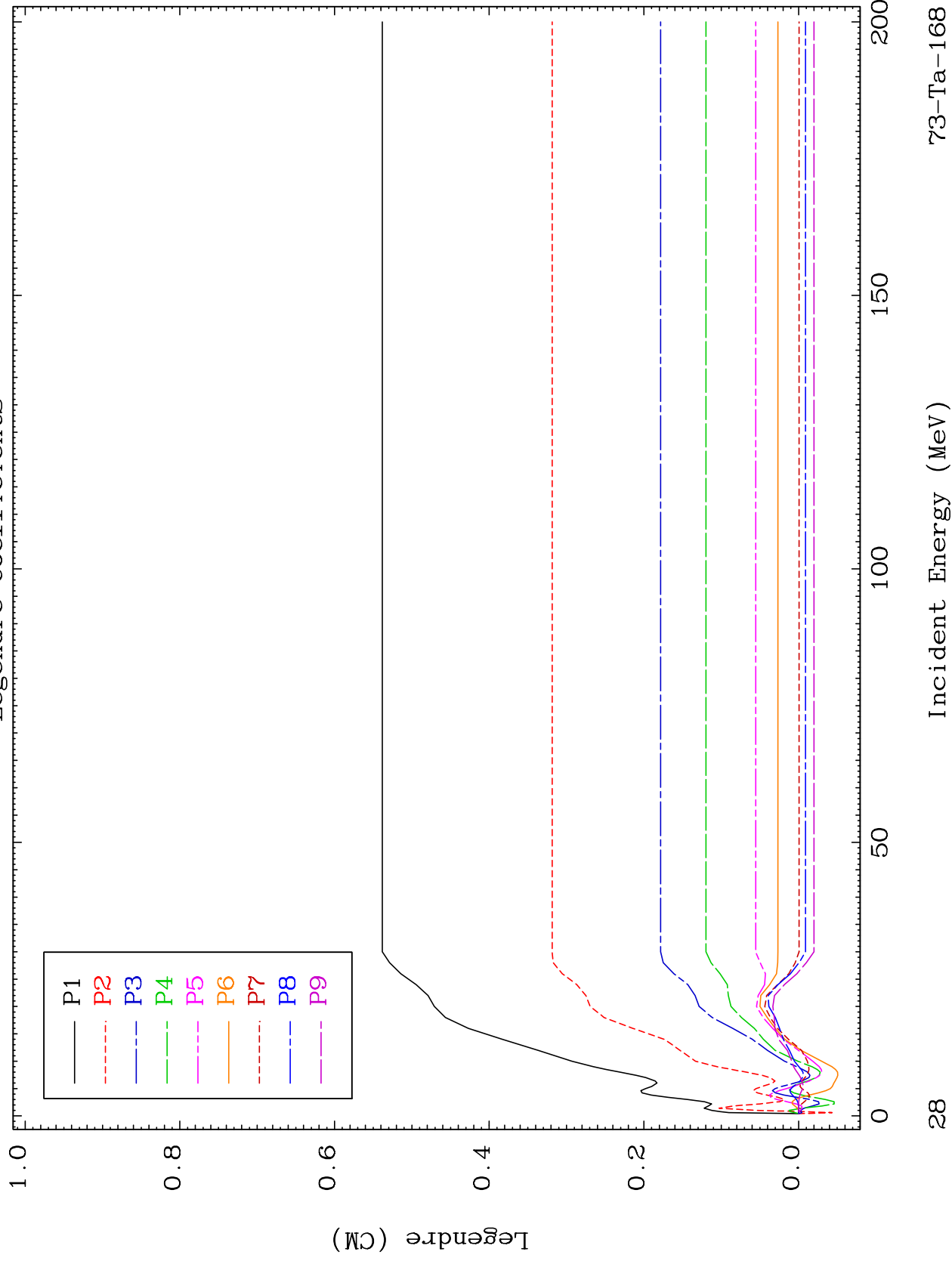
73-Ta-168



MAT 7289

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

73-Ta-168



73-Ta-168

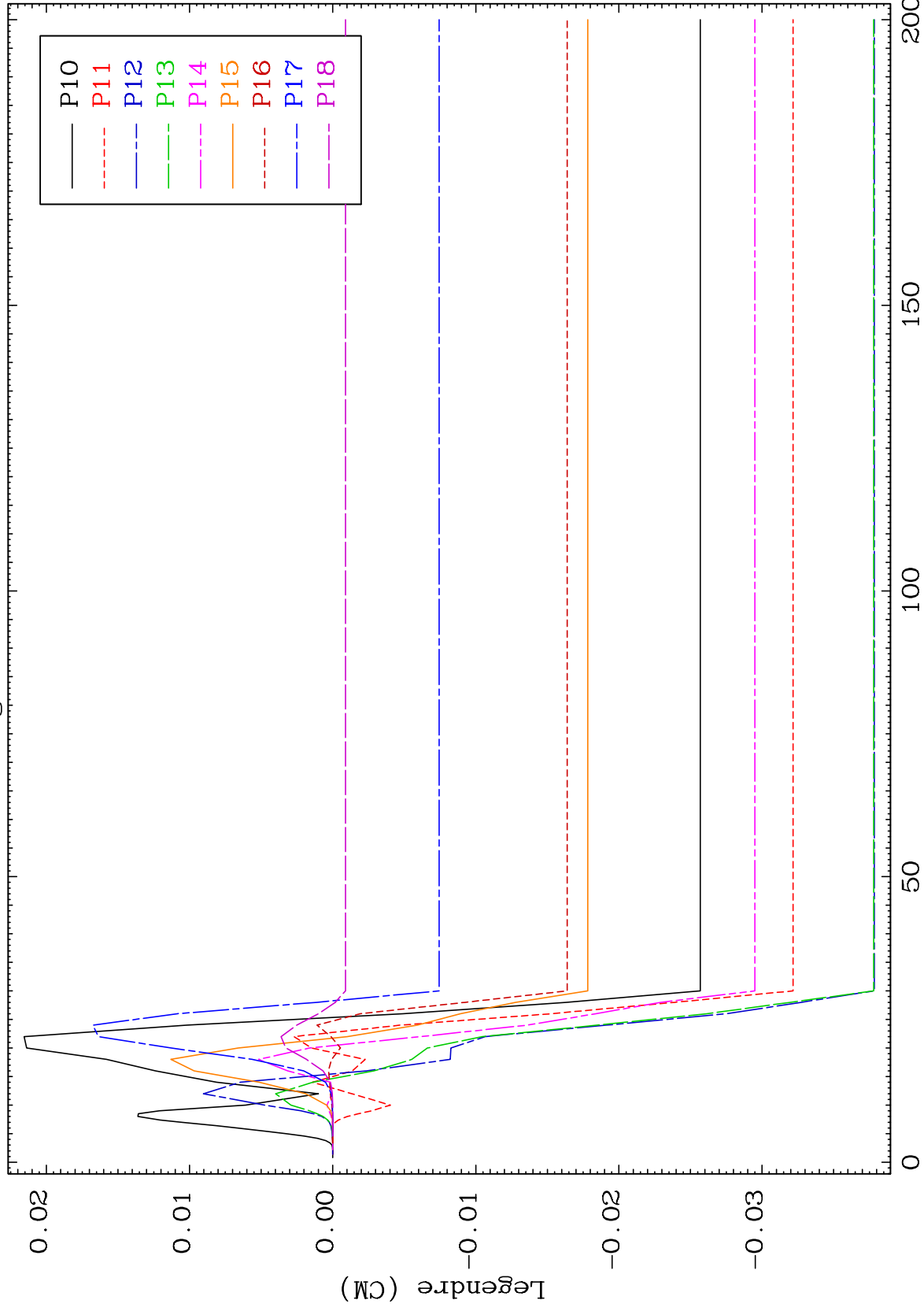
Incident Energy (MeV)

28

MAT 7289

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

73-Ta-168



29

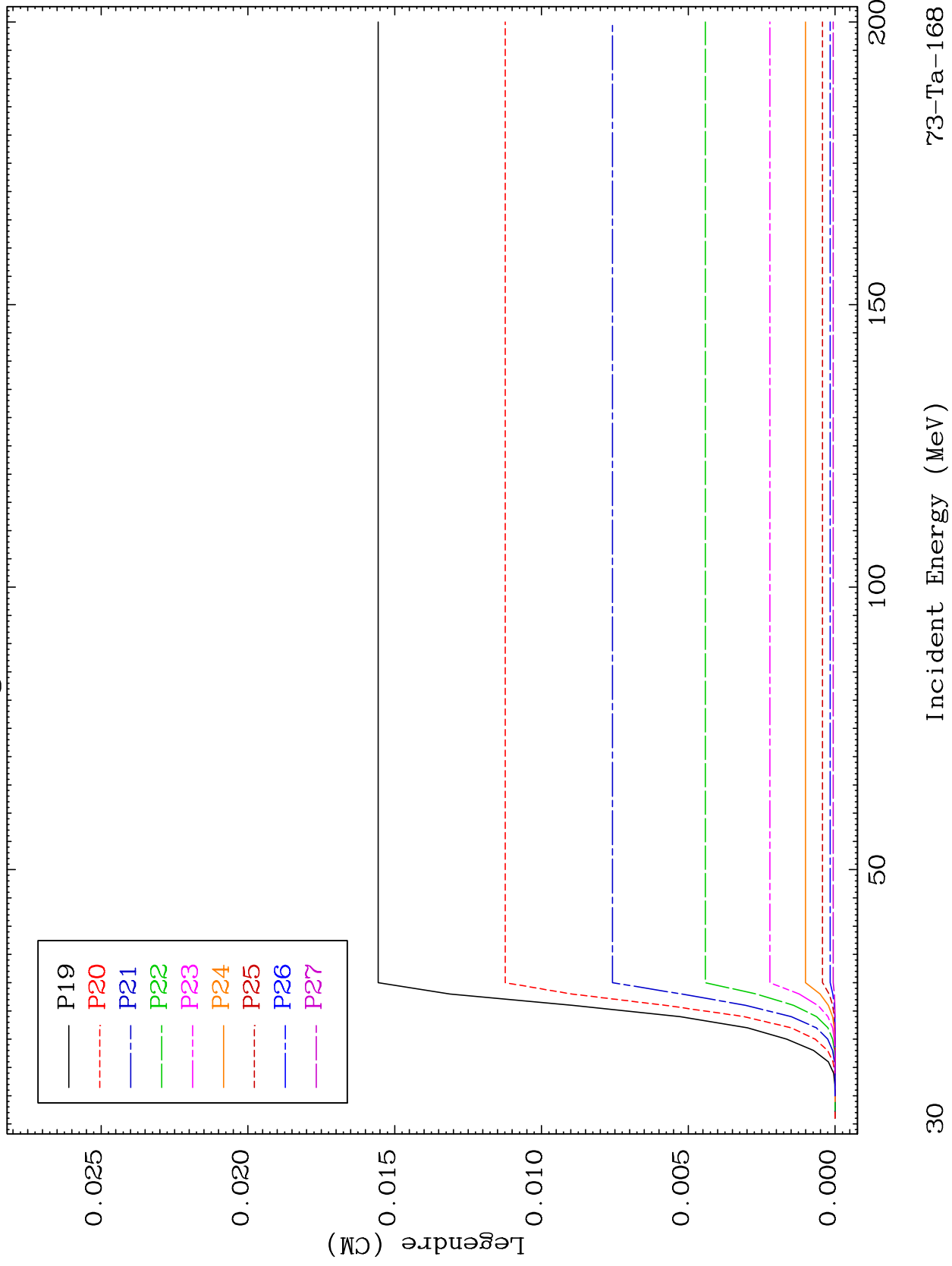
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



30

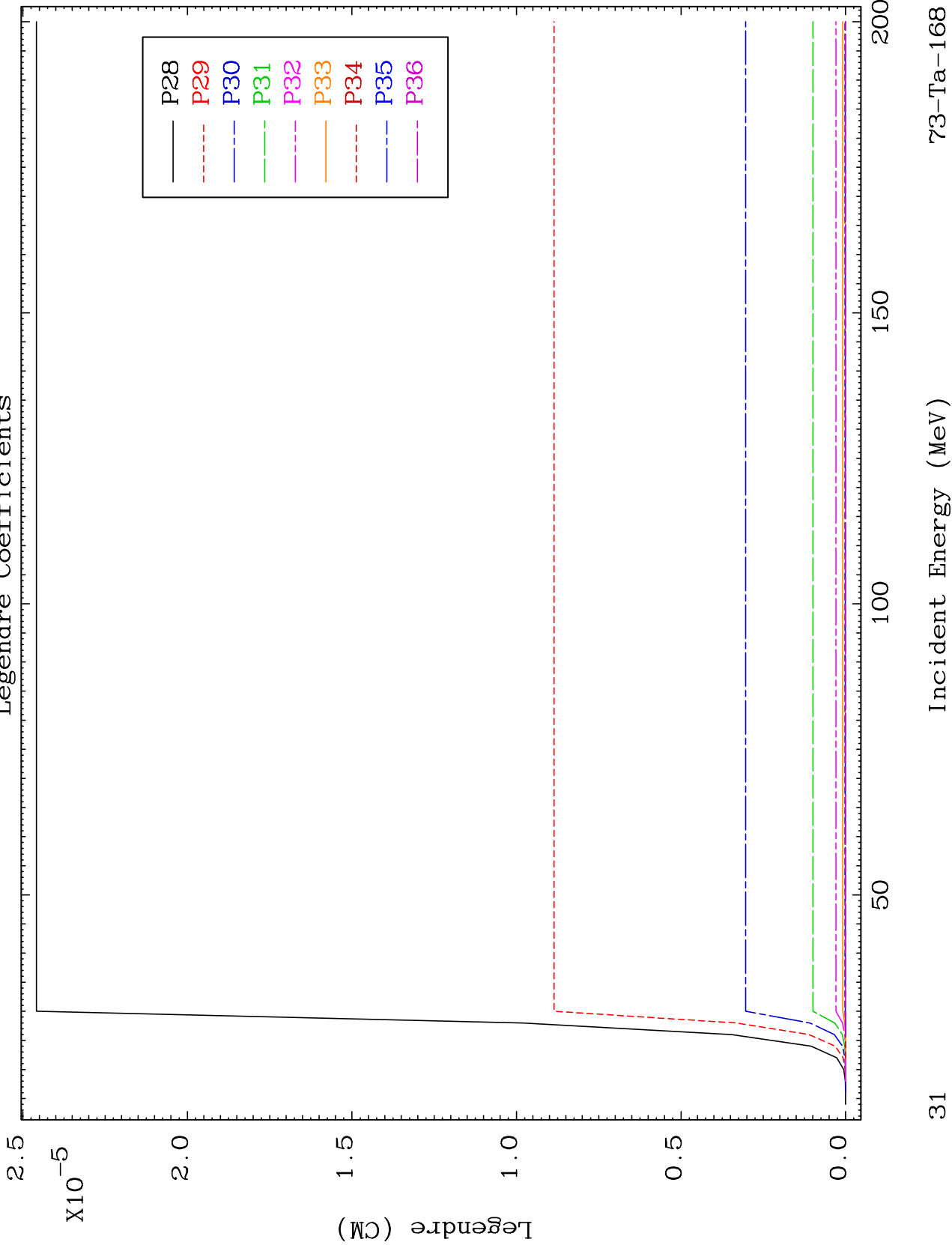
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



31

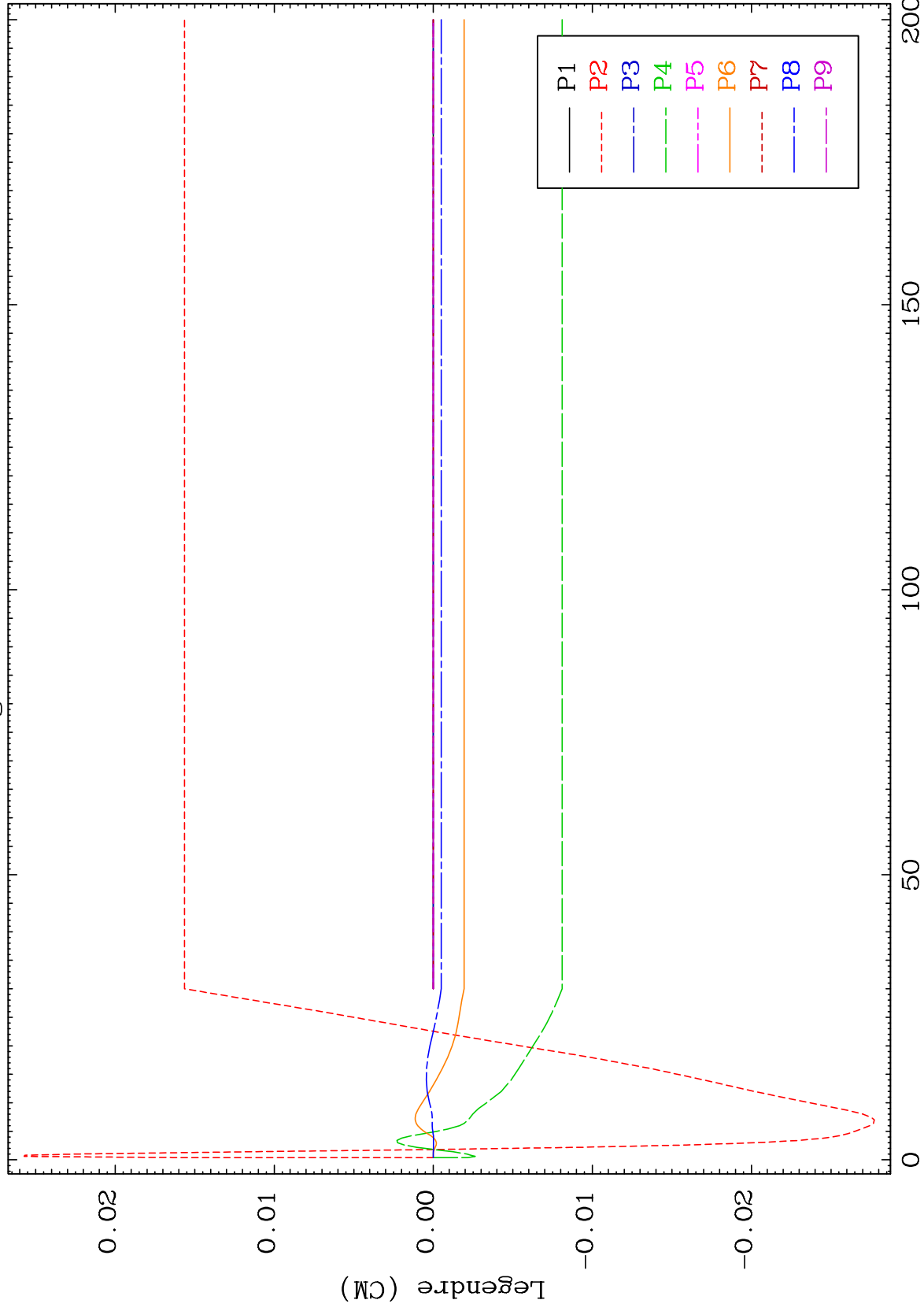
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



32

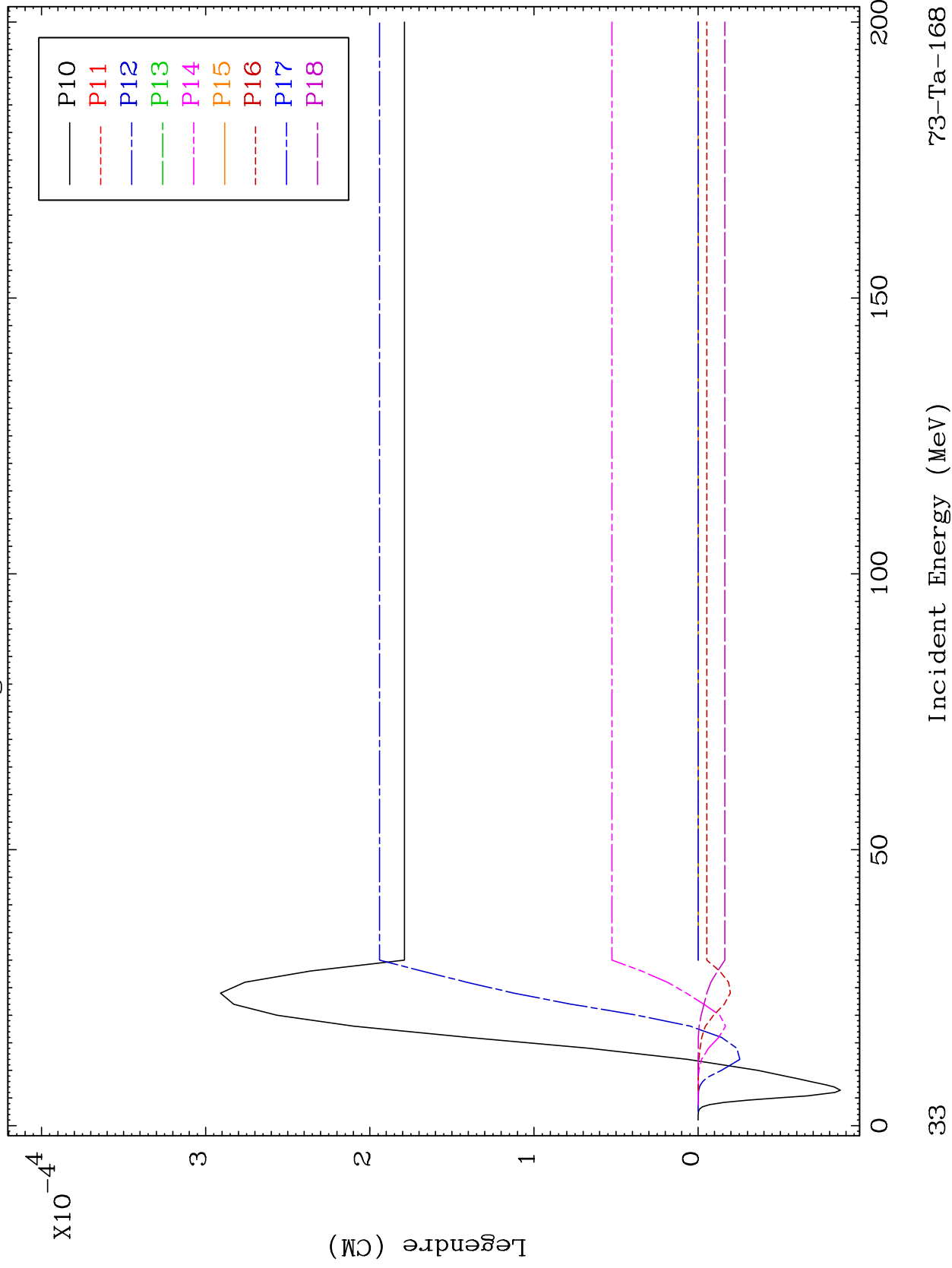
Incident Energy (MeV)

73-Ta-168

MAT 7289

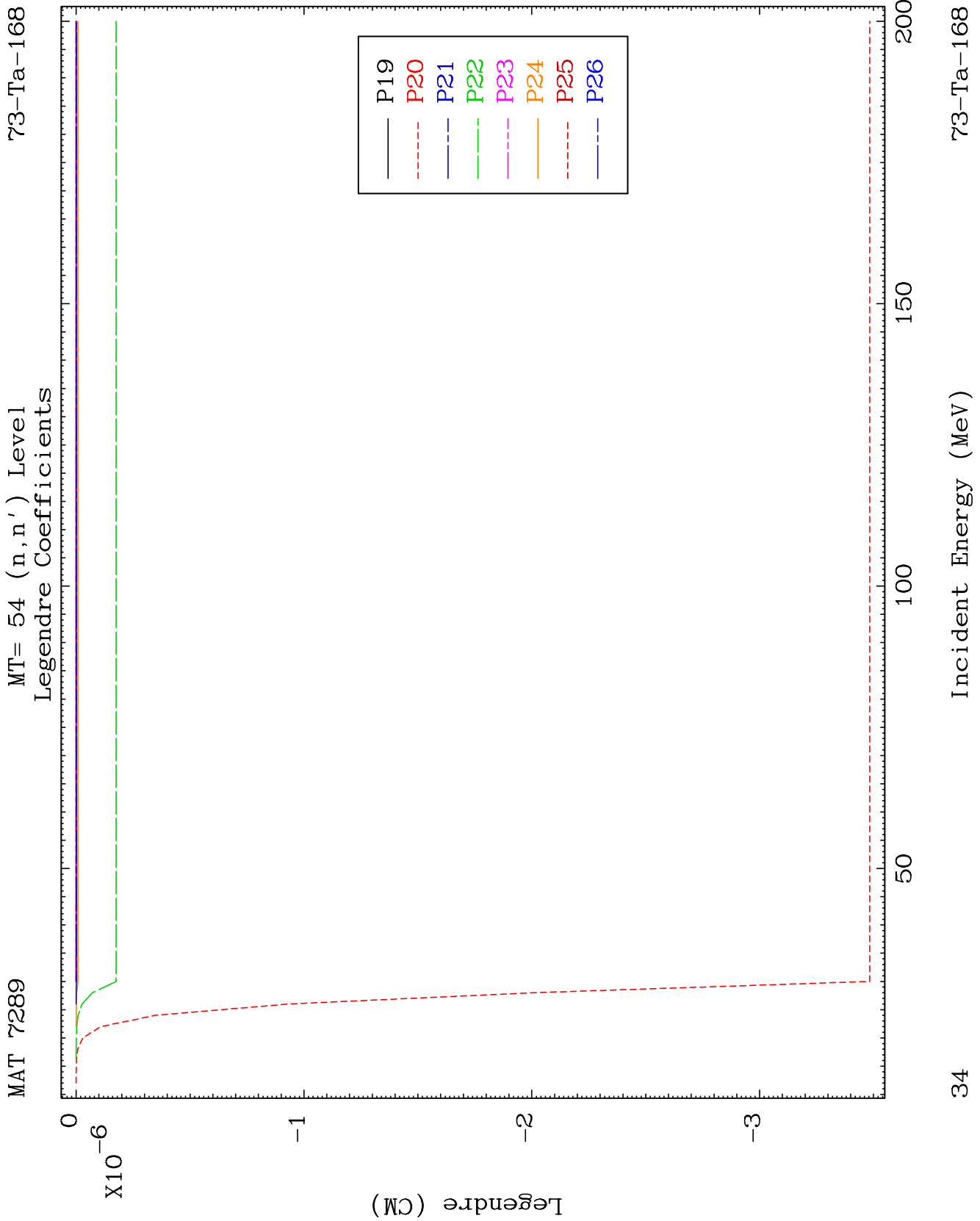
MT= 54 (n,n') Level
Legendre Coefficients

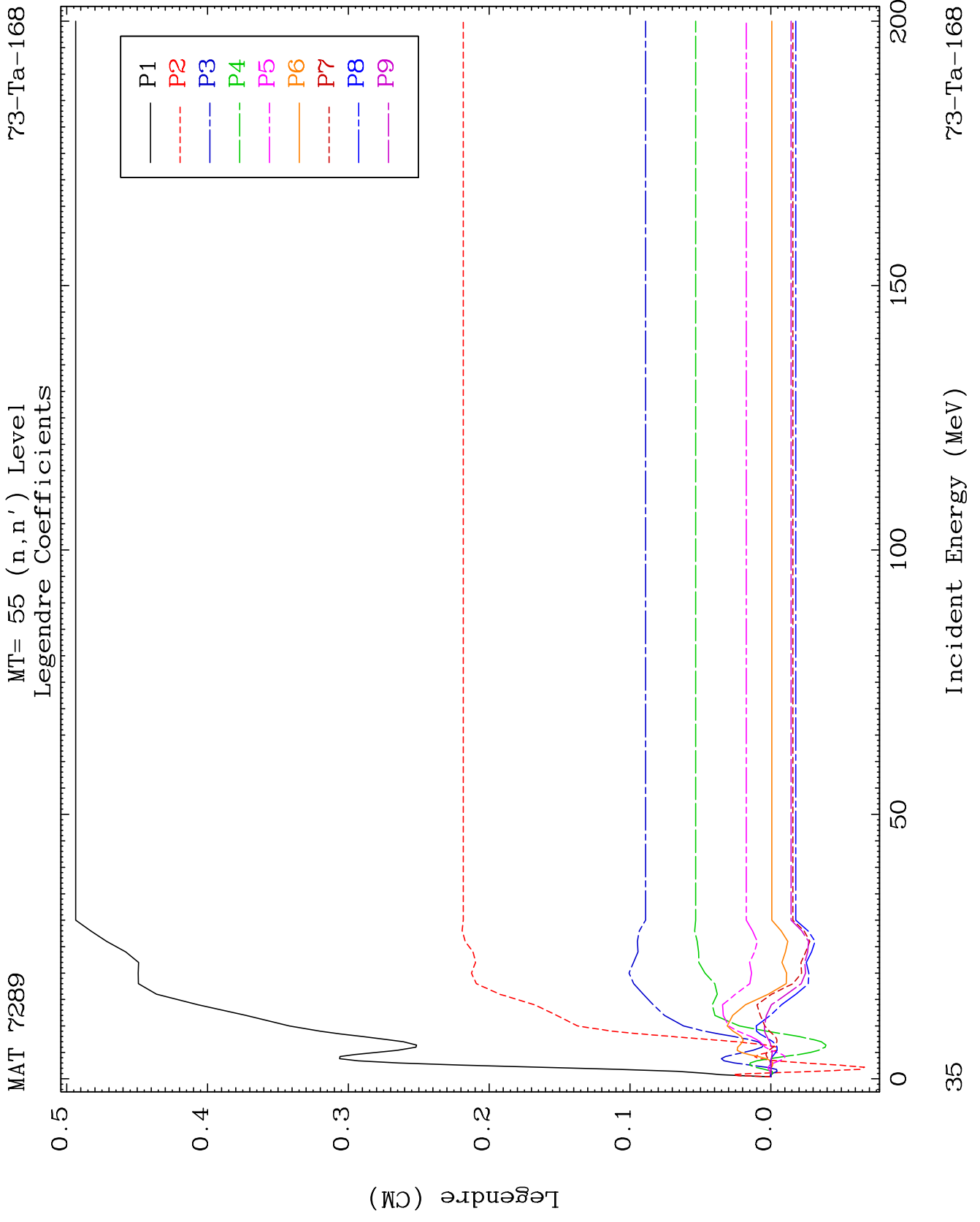
73-Ta-168



33

73-Ta-168

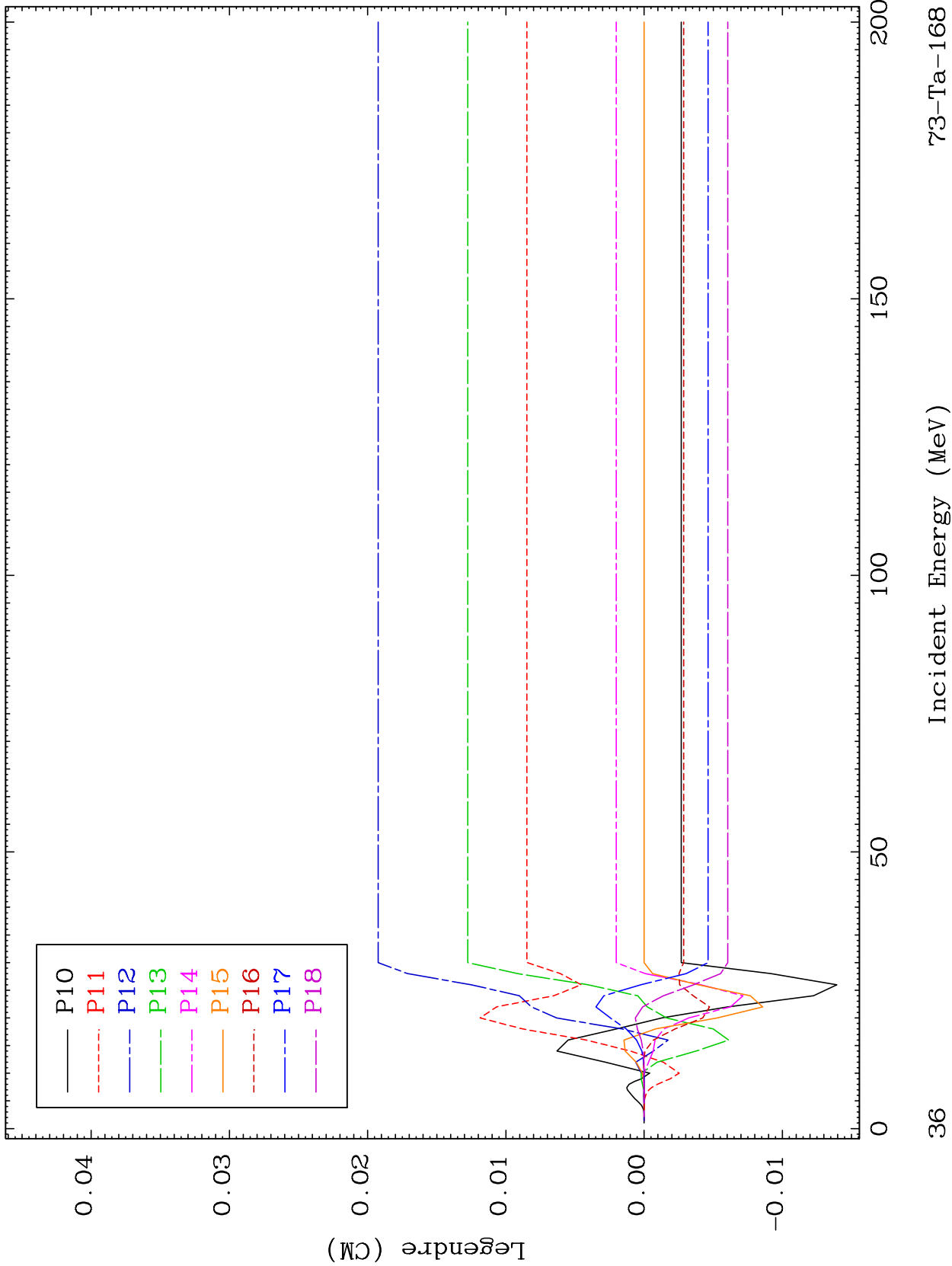




MAT 7289

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

73-Ta-168



36

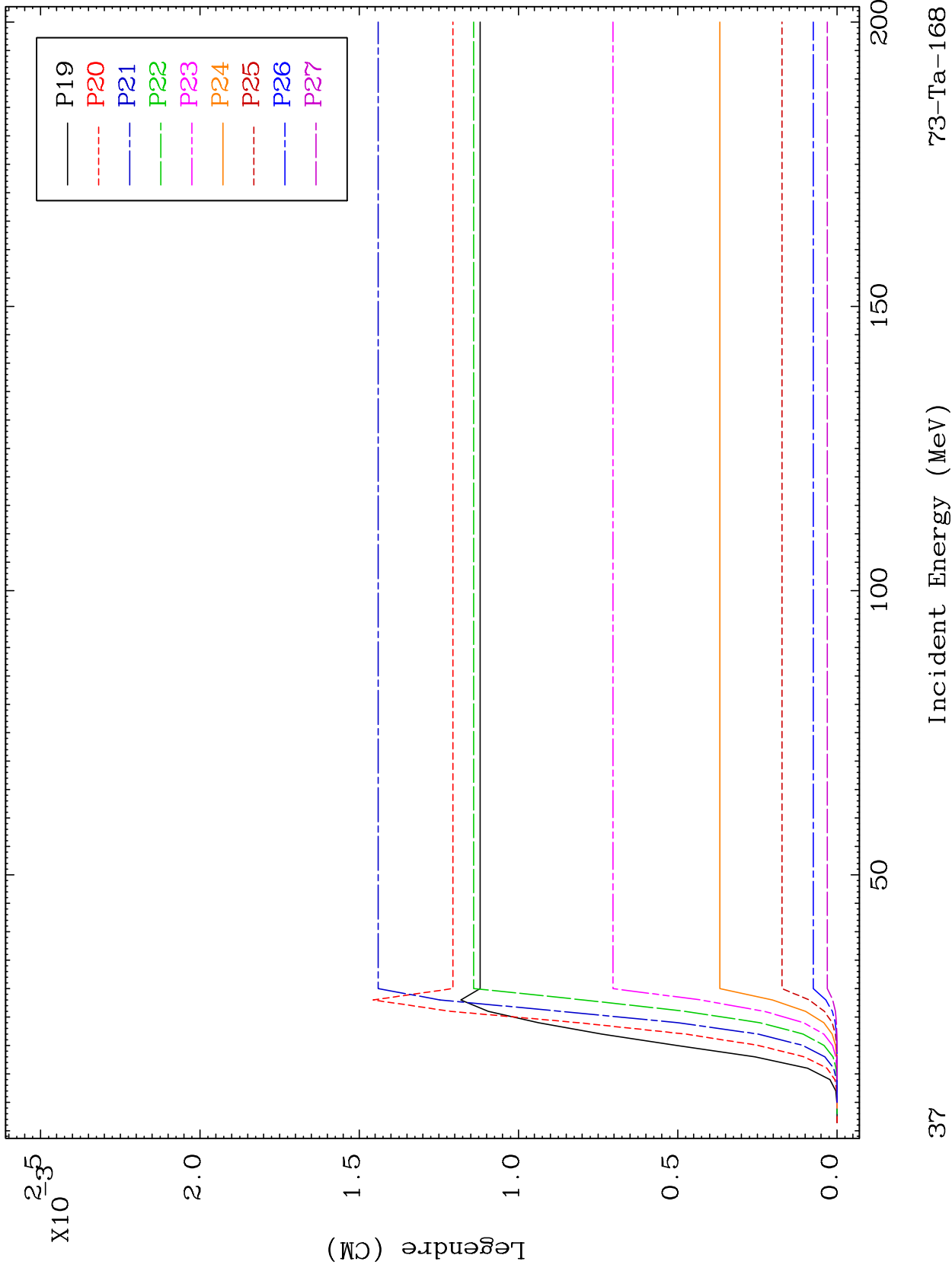
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

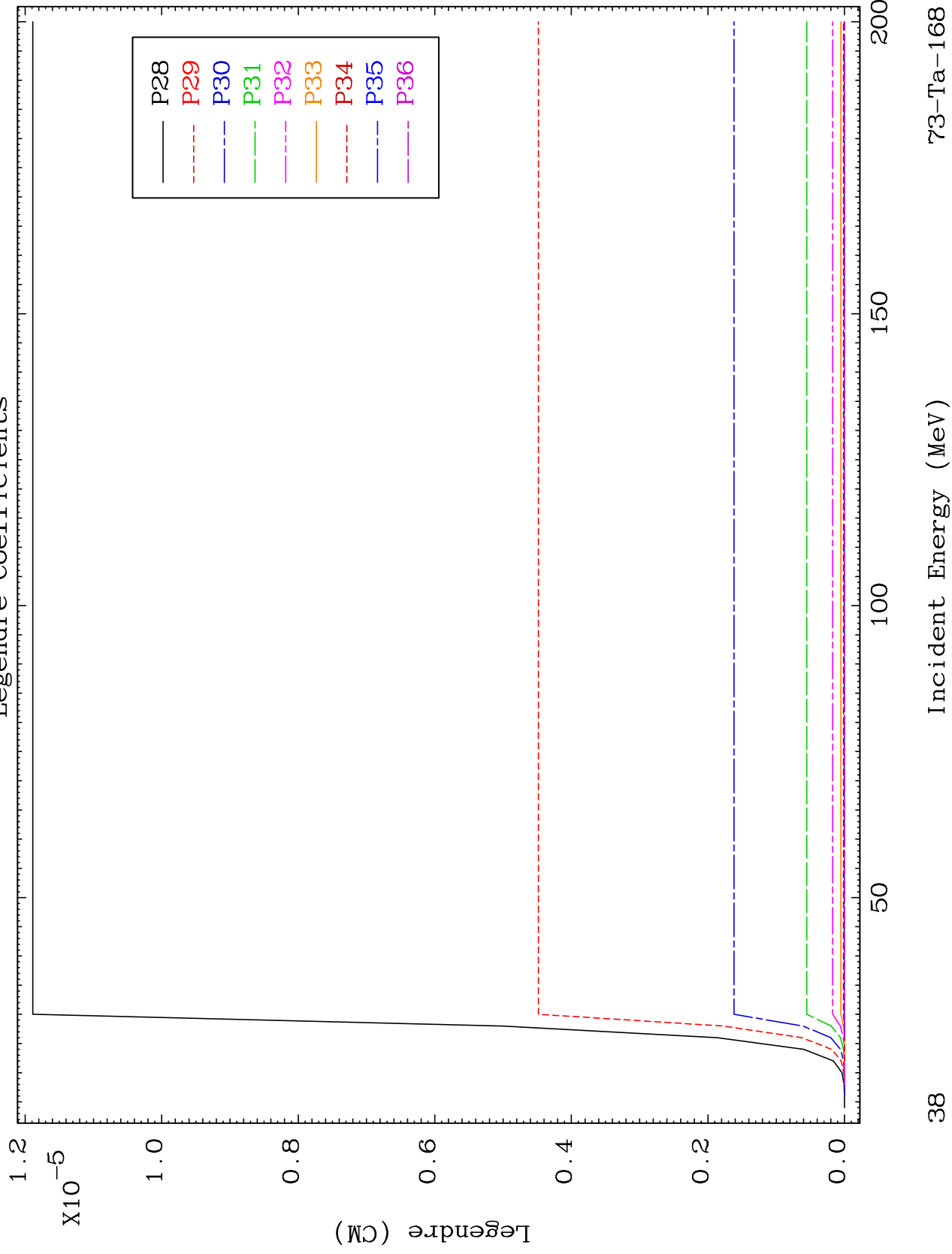
73-Ta-168



MAT 7289

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

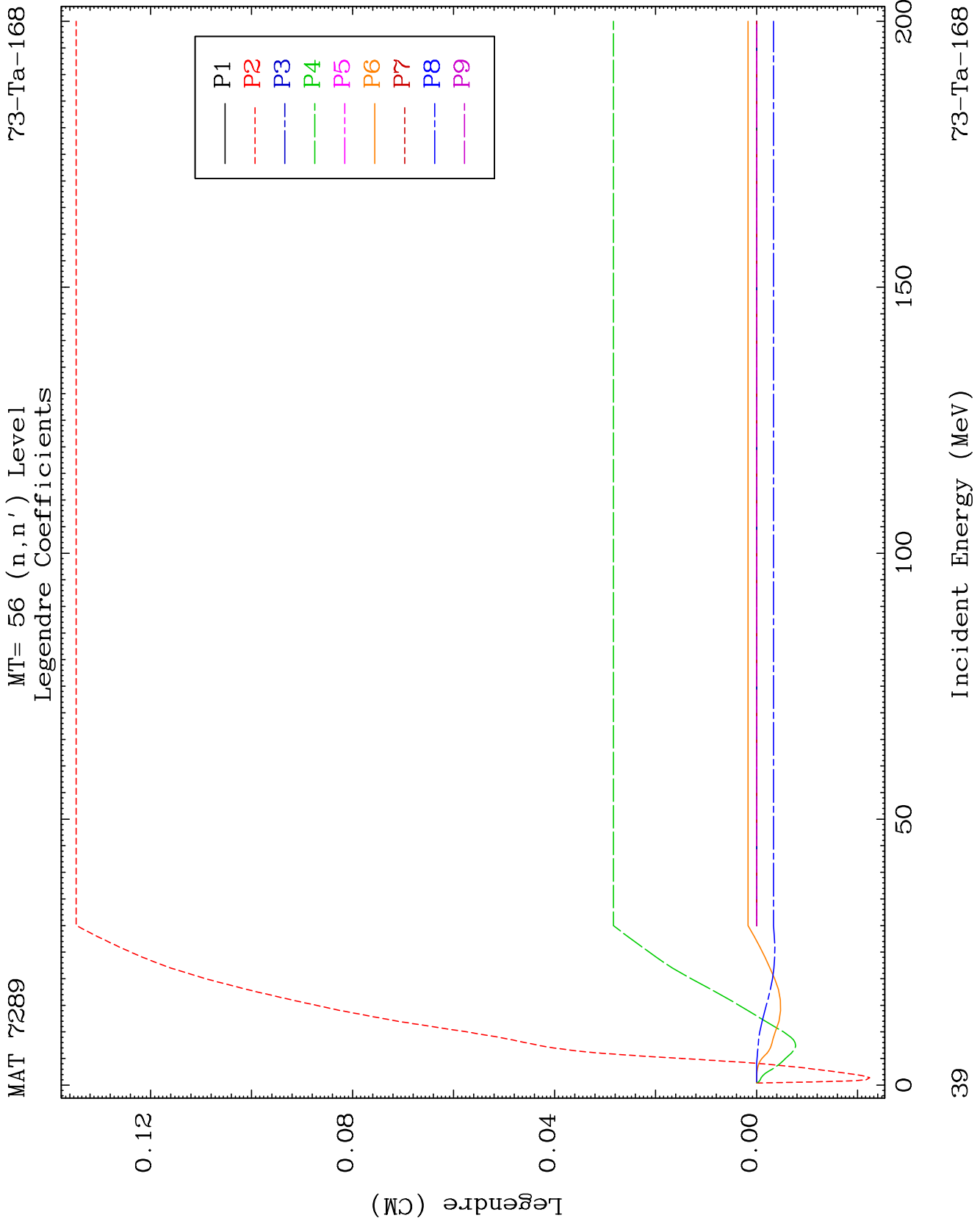
73-Ta-168

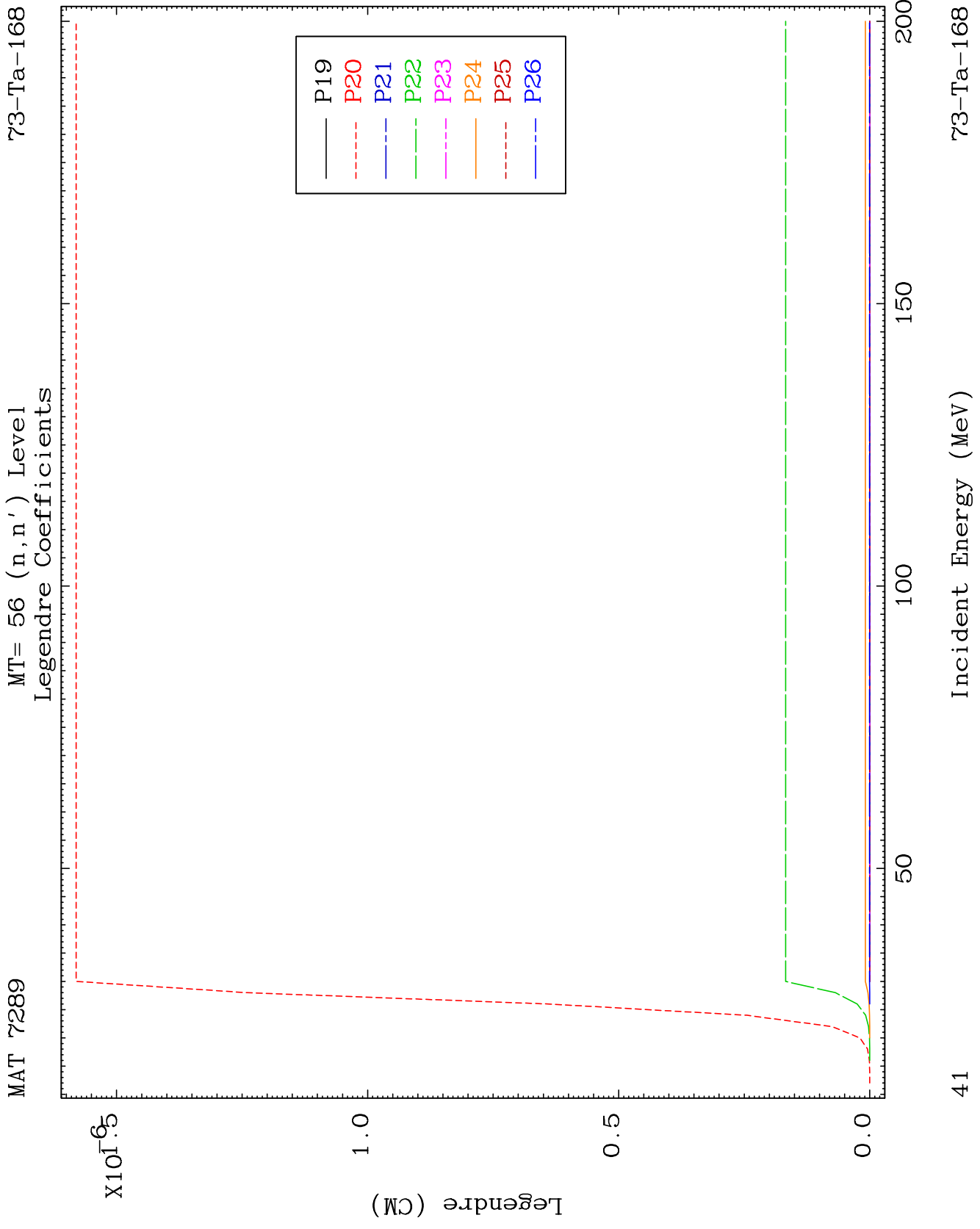


38

Incident Energy (MeV)

73-Ta-168

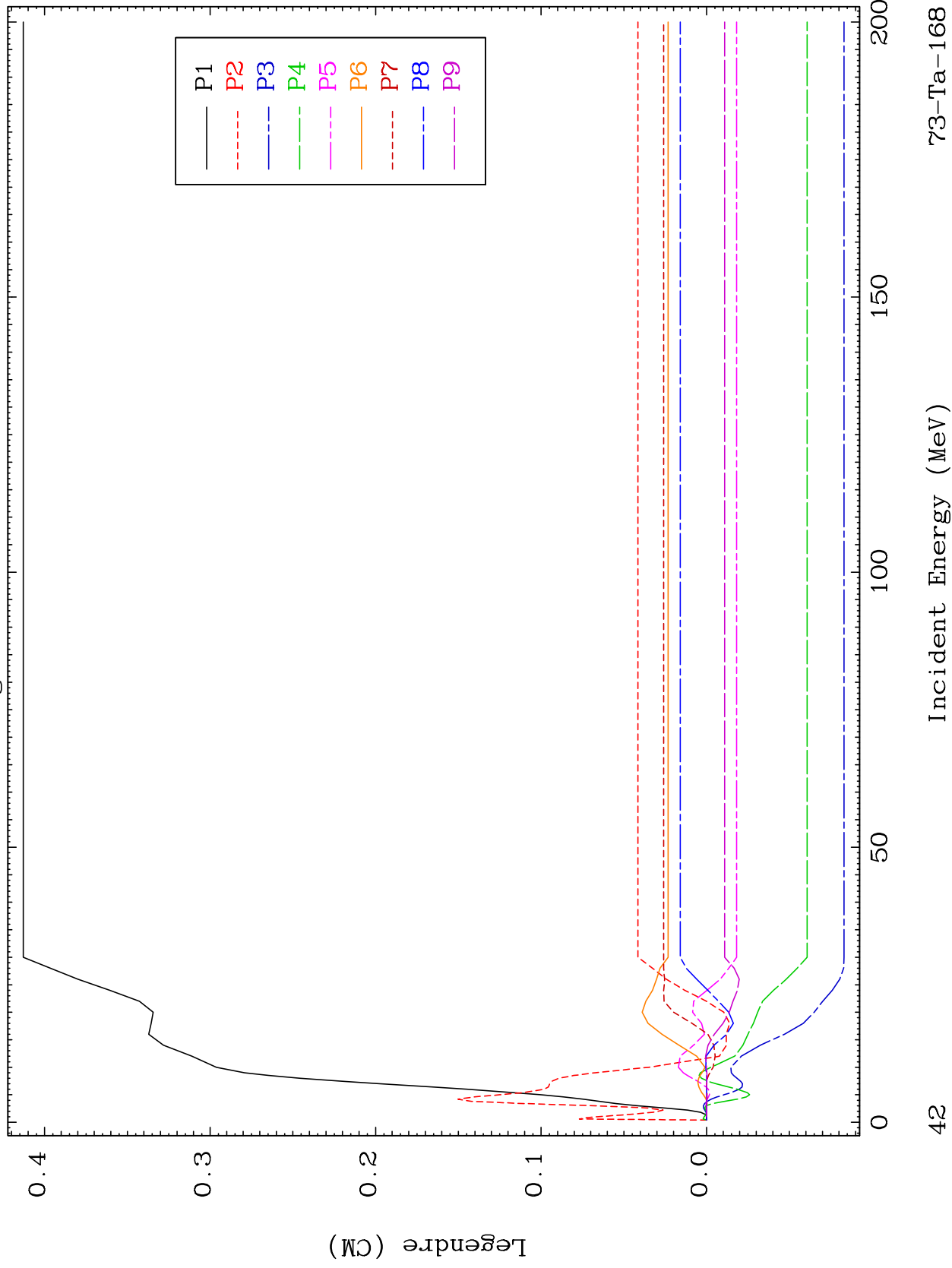




MAT 7289

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

73-Ta-168



73-Ta-168

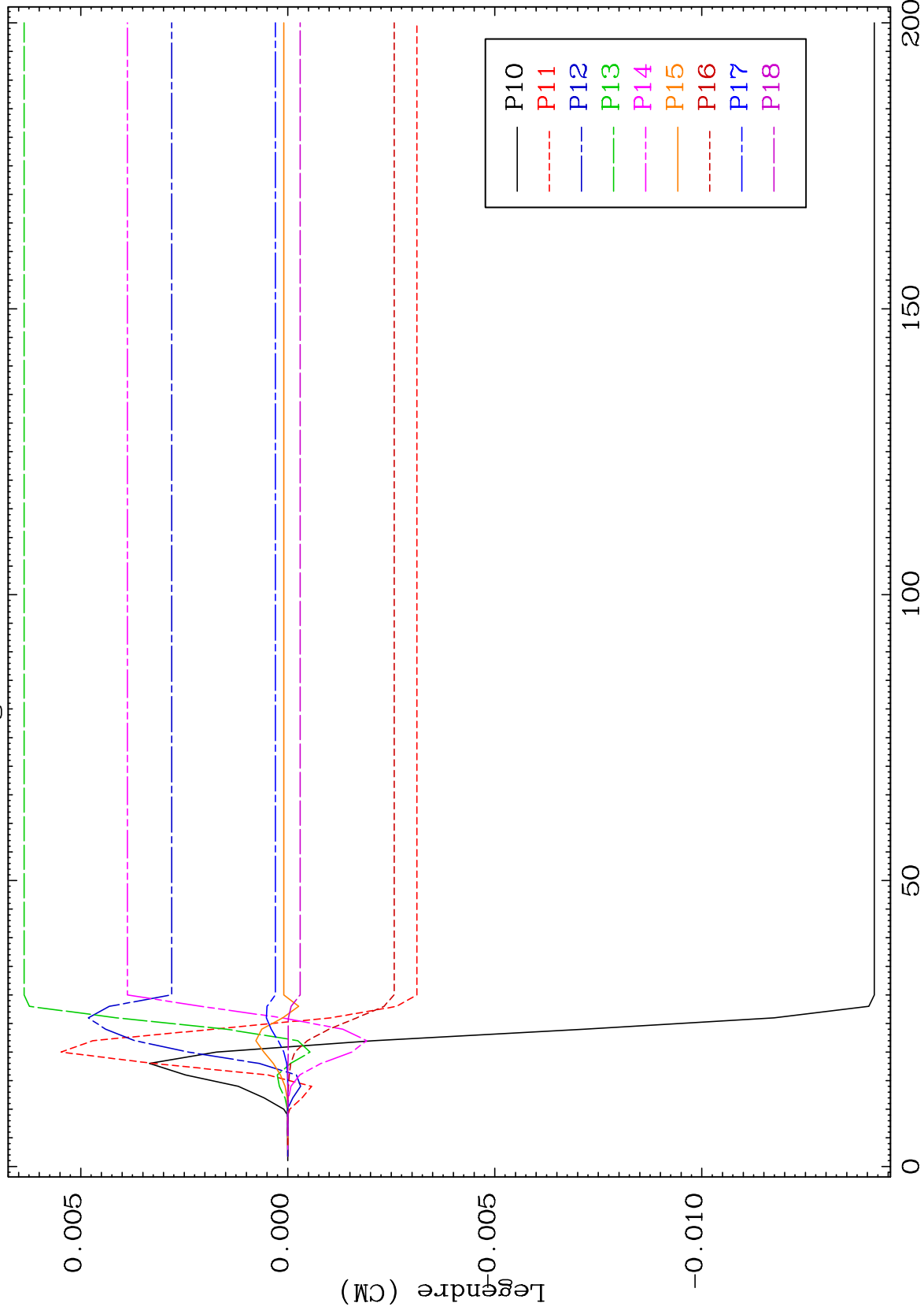
Incident Energy (MeV)

42

MAT 7289

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

73-Ta-168



43

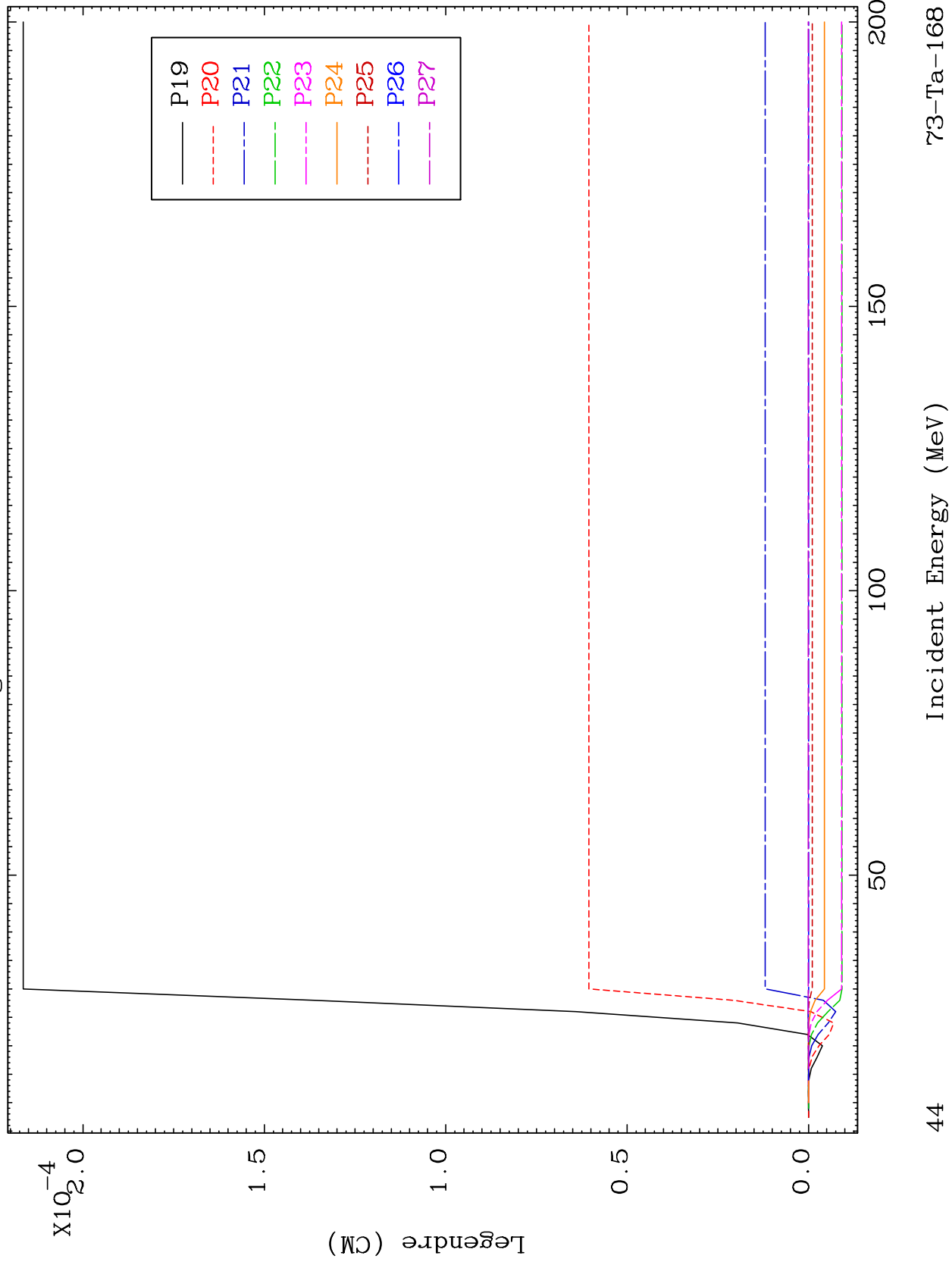
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



44

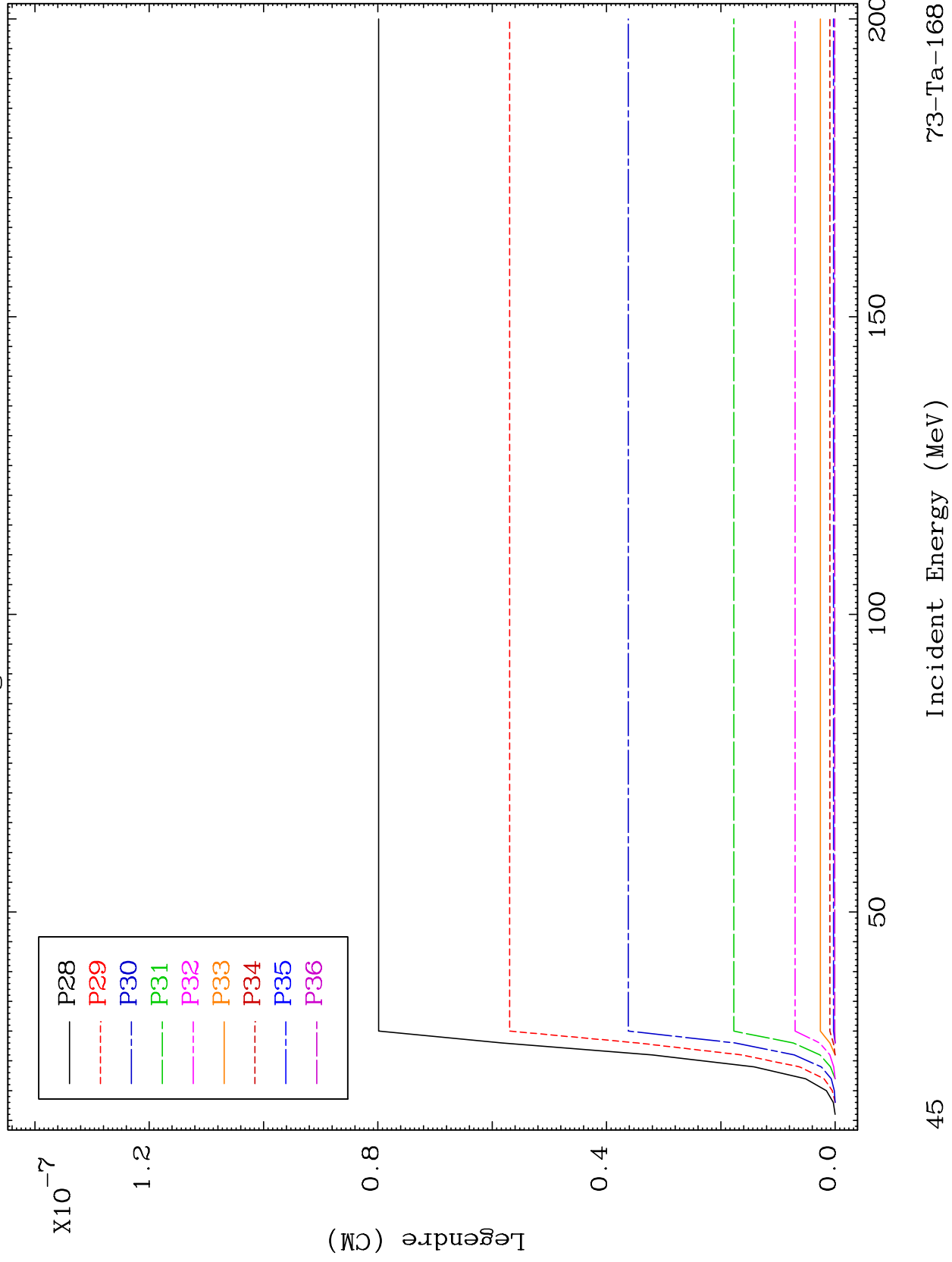
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

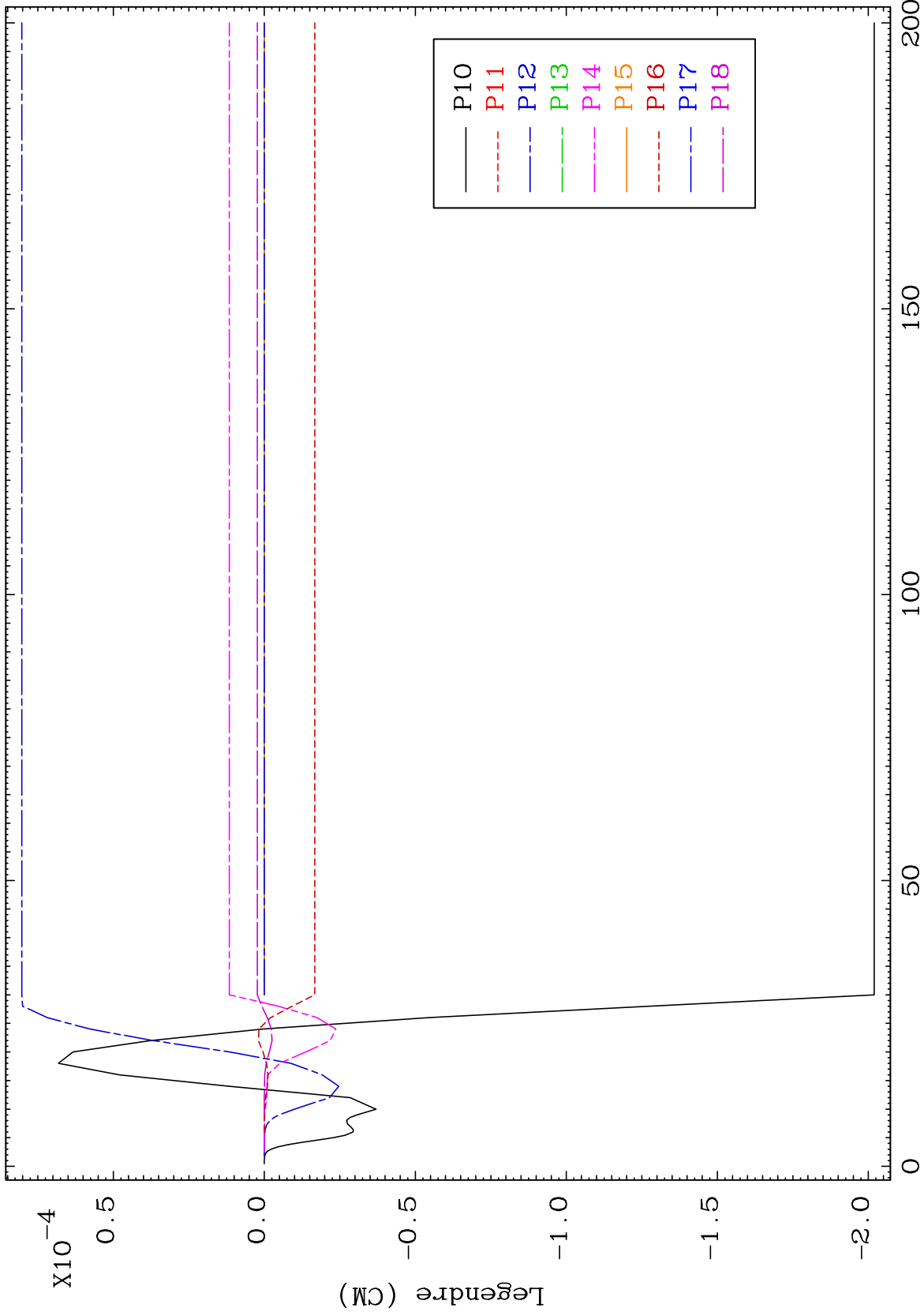
73-Ta-168

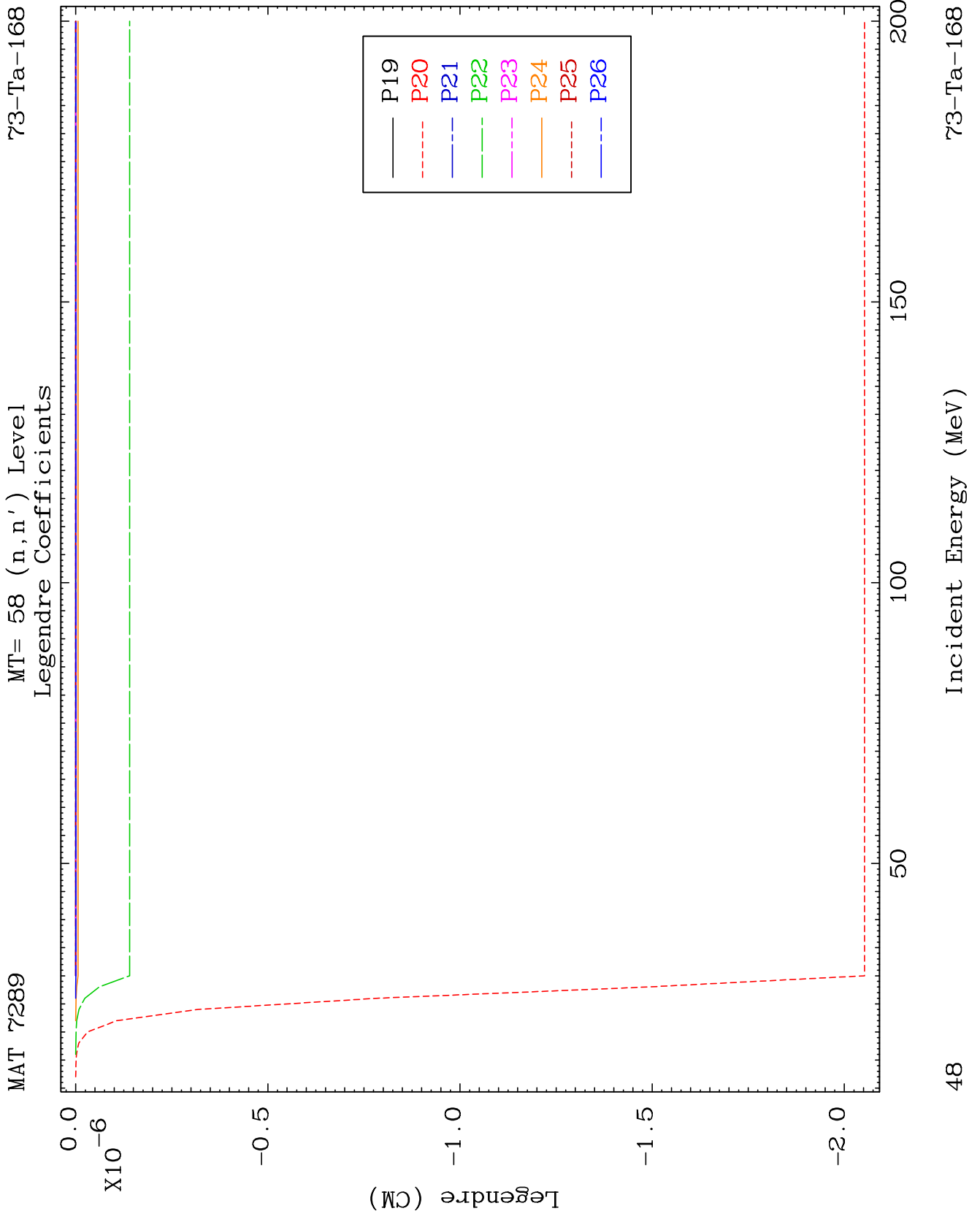


MAT 7289

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

73-Ta-168

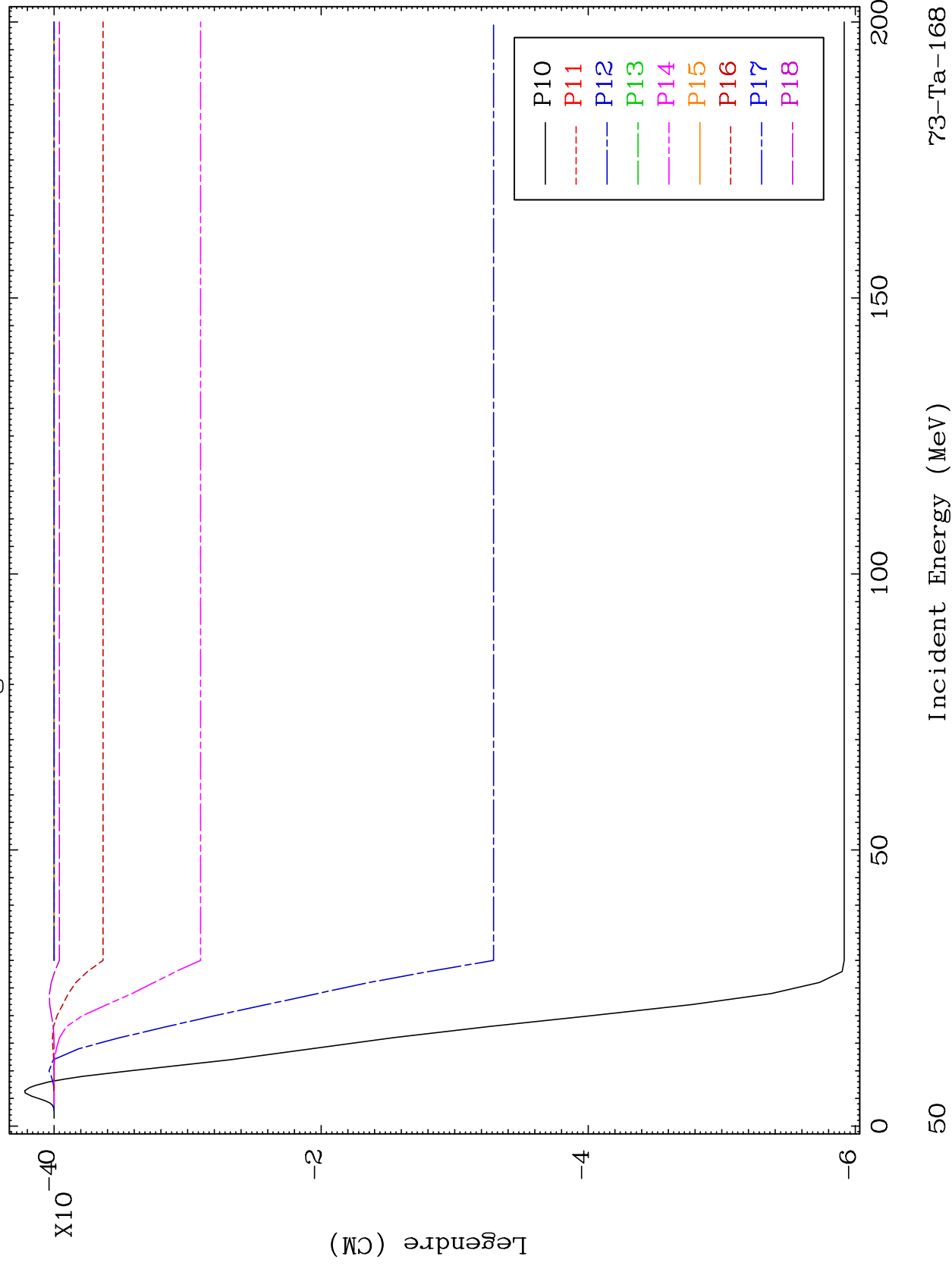




MAT 7289

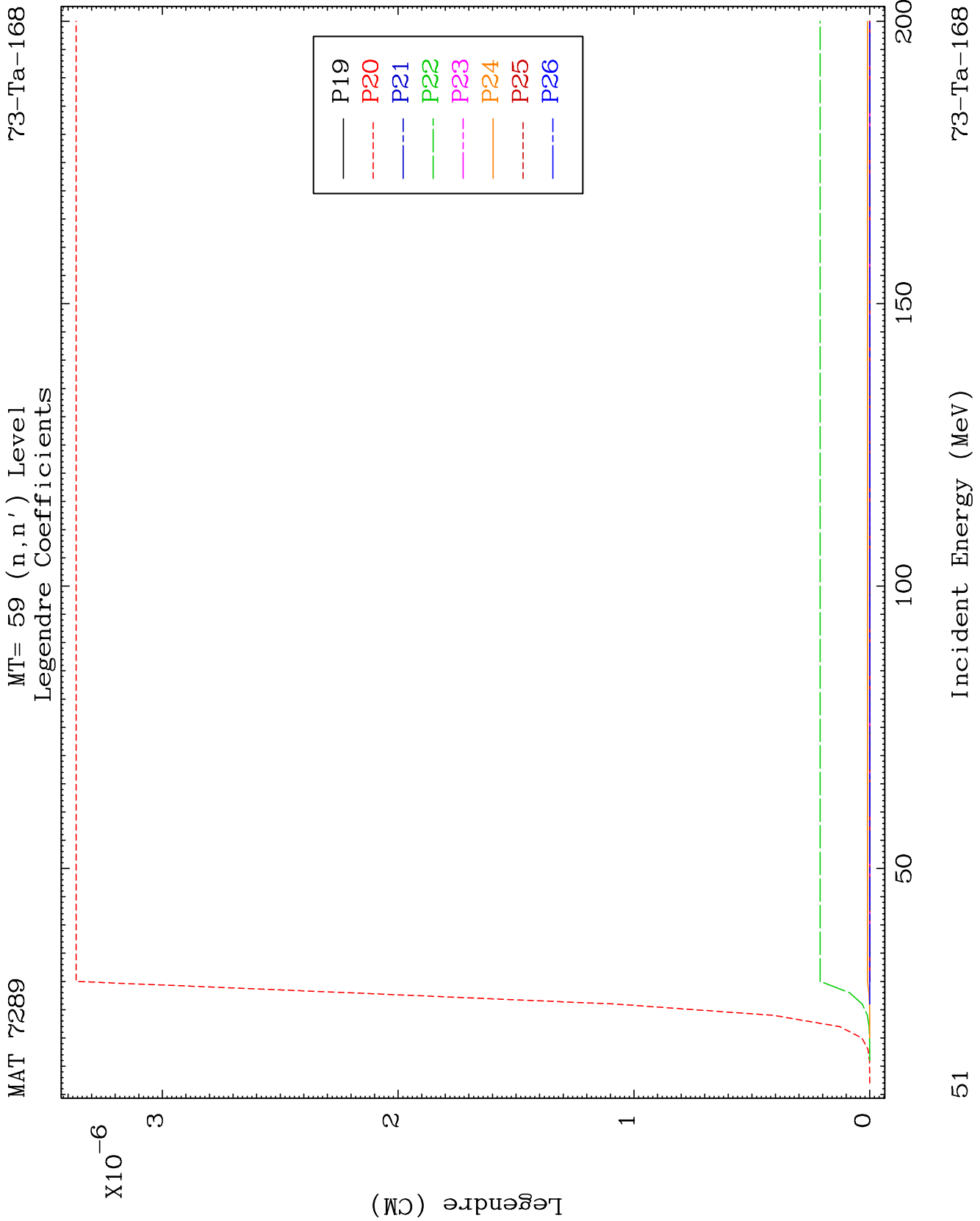
MT= 59 (n,n') Level
Legendre Coefficients

73-Ta-168



73-Ta-168

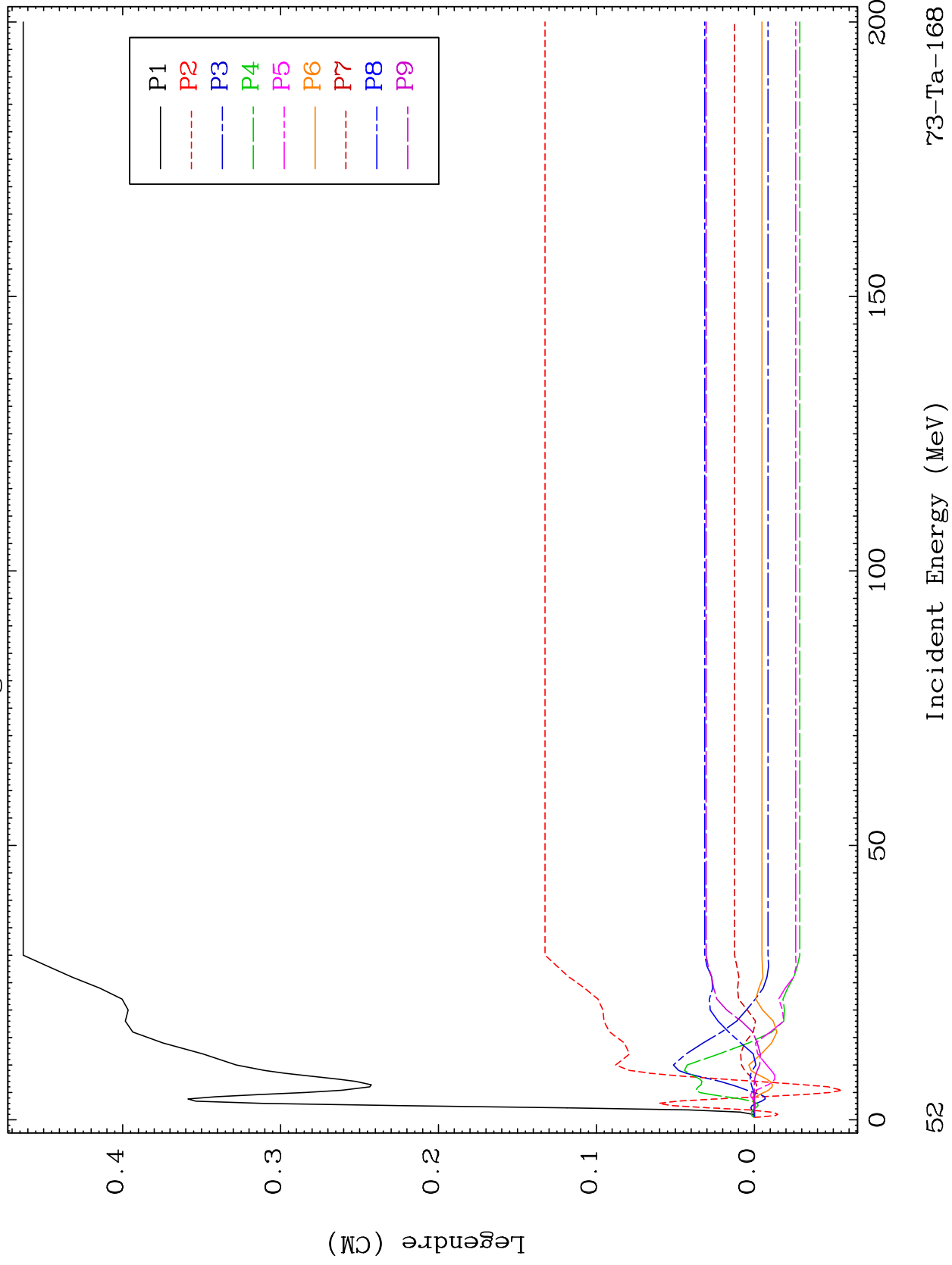
Incident Energy (MeV)



MAT 7289

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

73-Ta-168



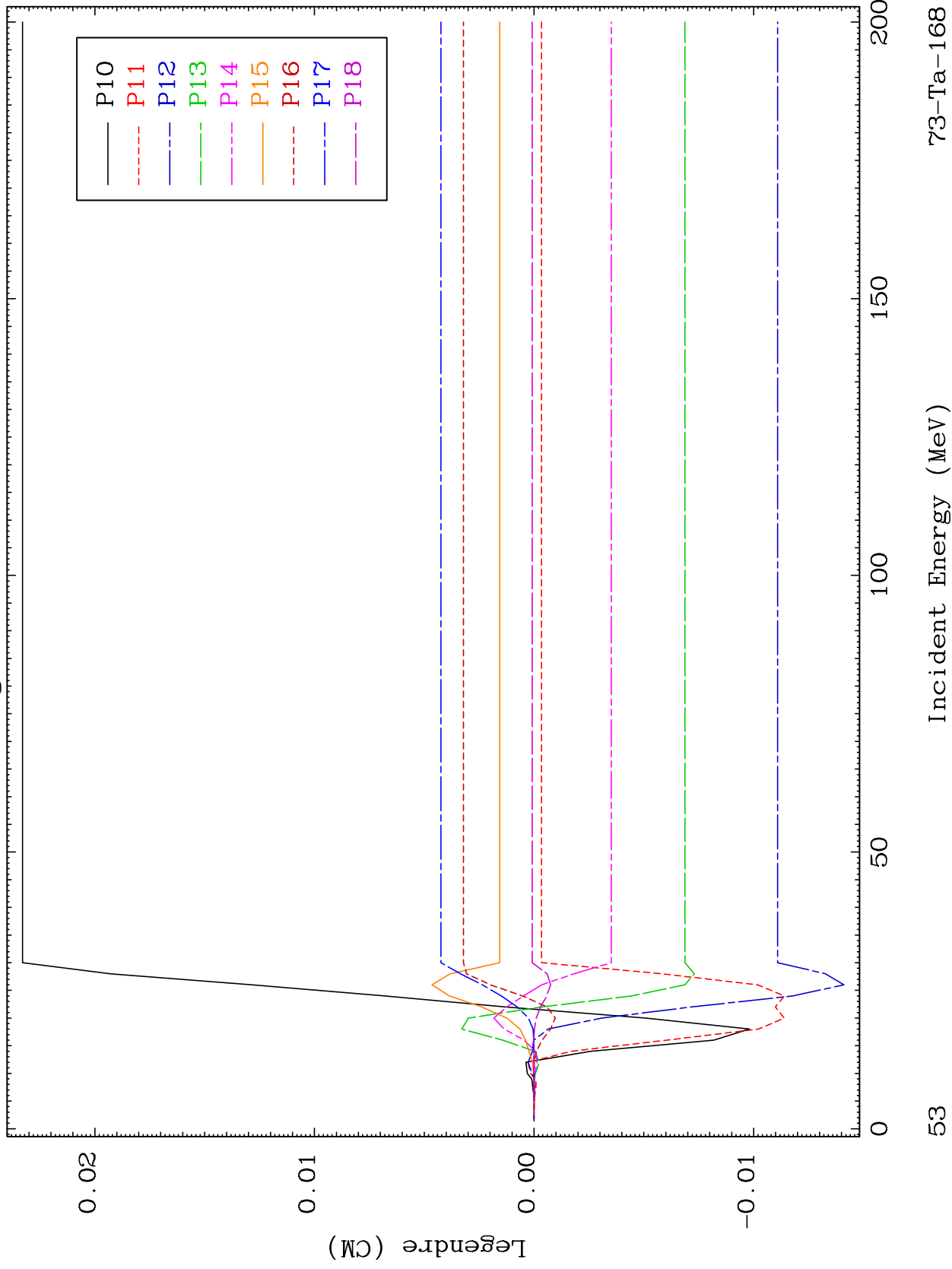
52

73-Ta-168

MAT 7289

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

73-Ta-168



73-Ta-168

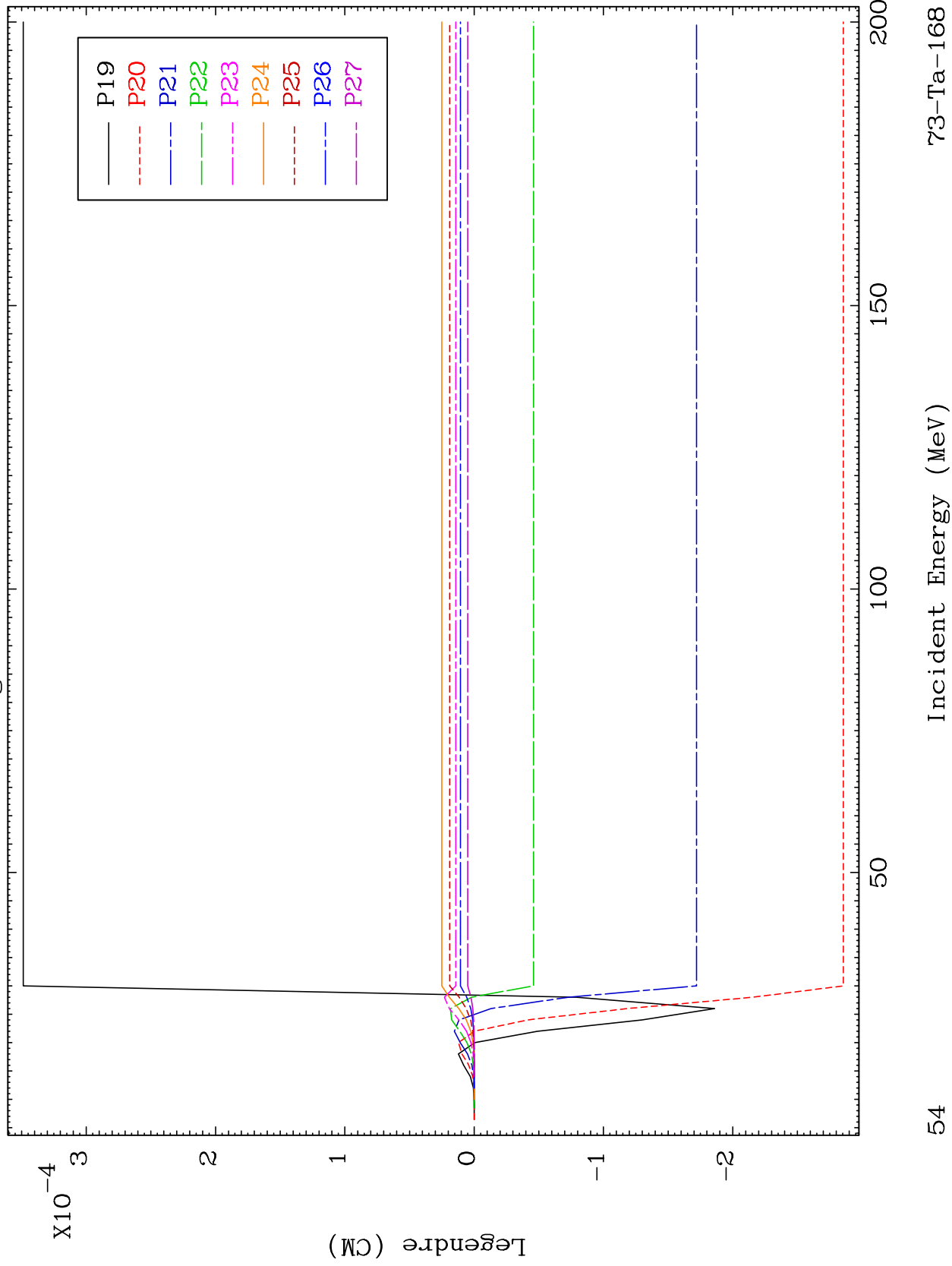
Incident Energy (MeV)

53

MAT 7289

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

73-Ta-168



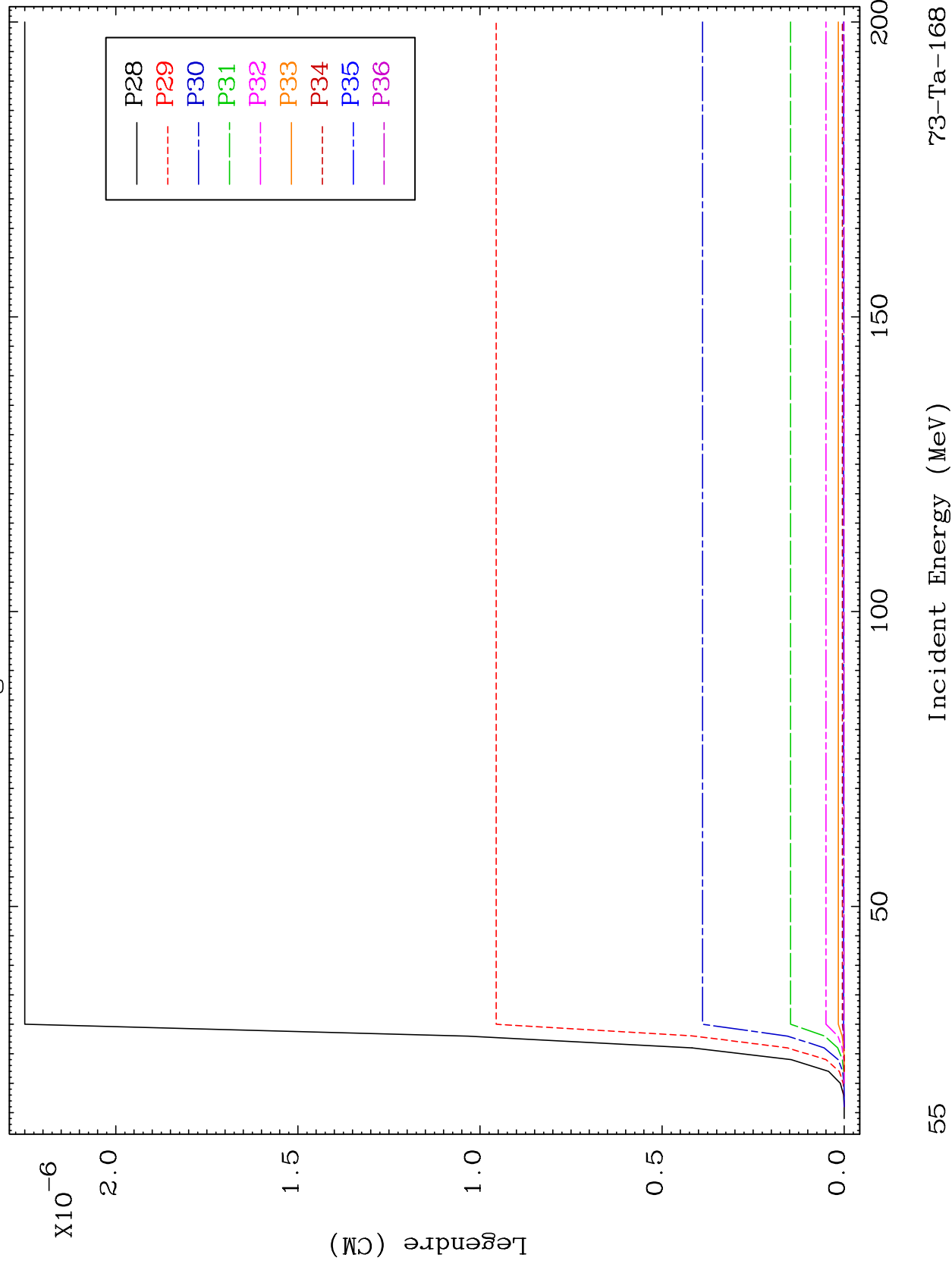
54

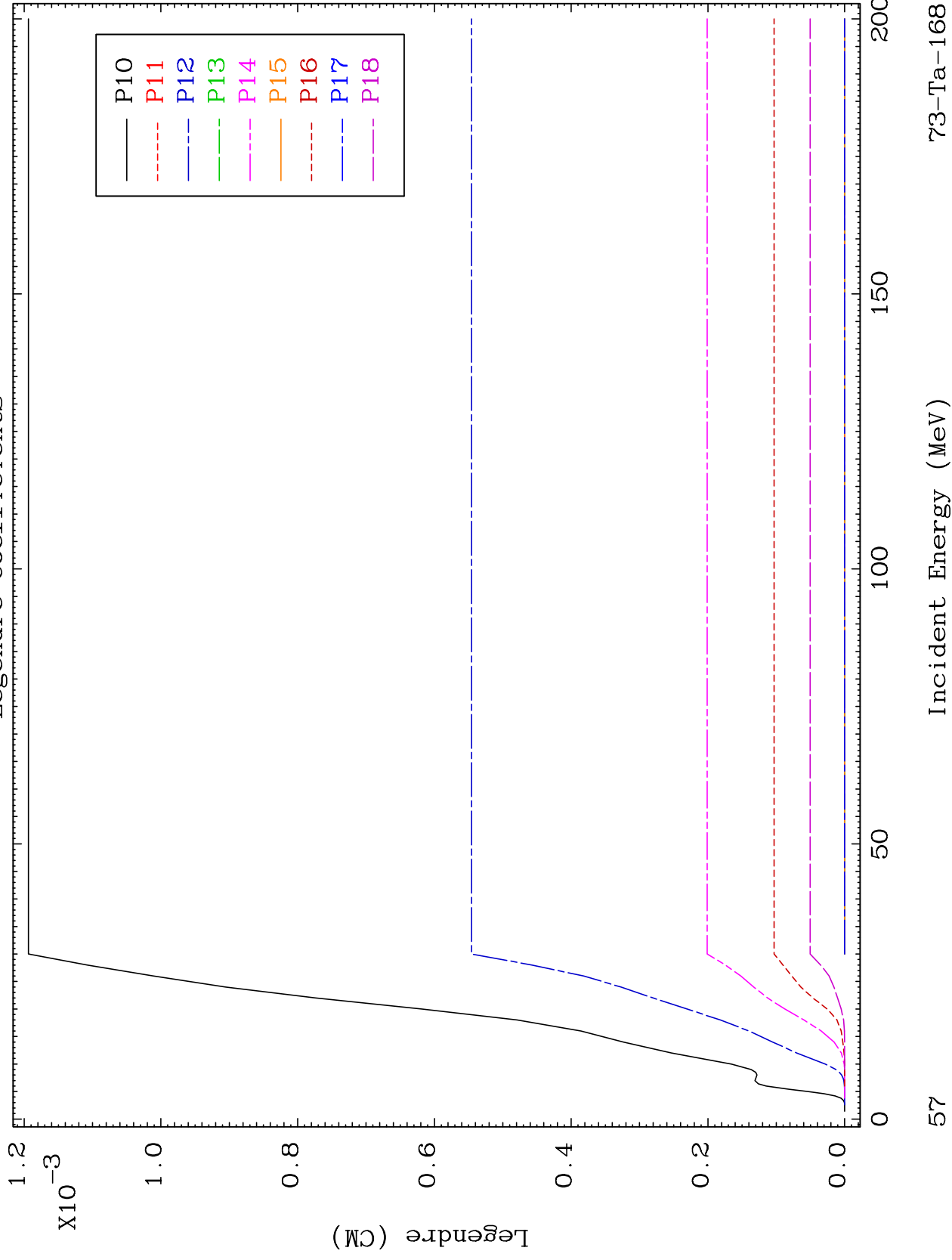
73-Ta-168

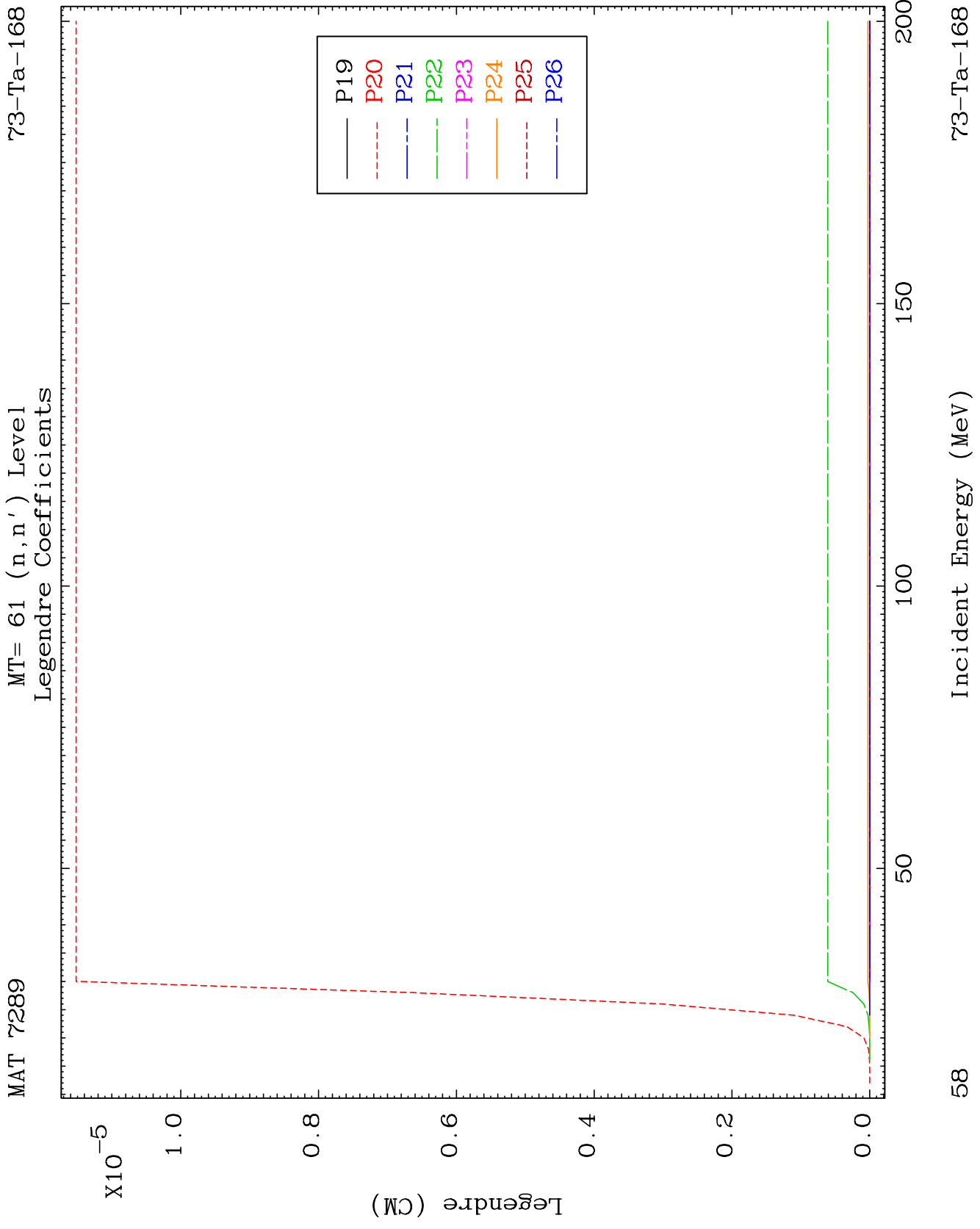
MAT 7289

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

73-Ta-168



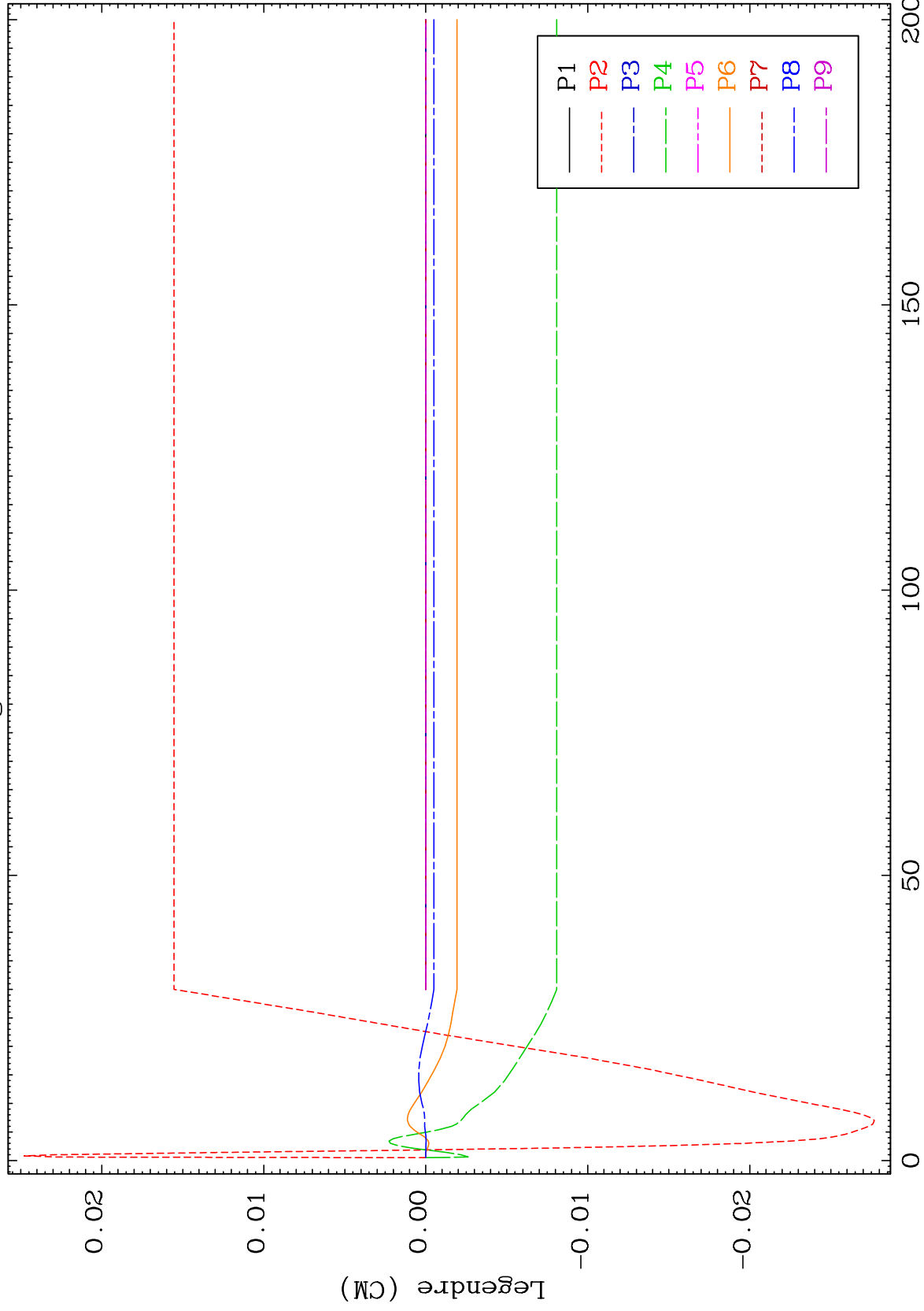




MAT 7289

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

73-Ta-168



73-Ta-168

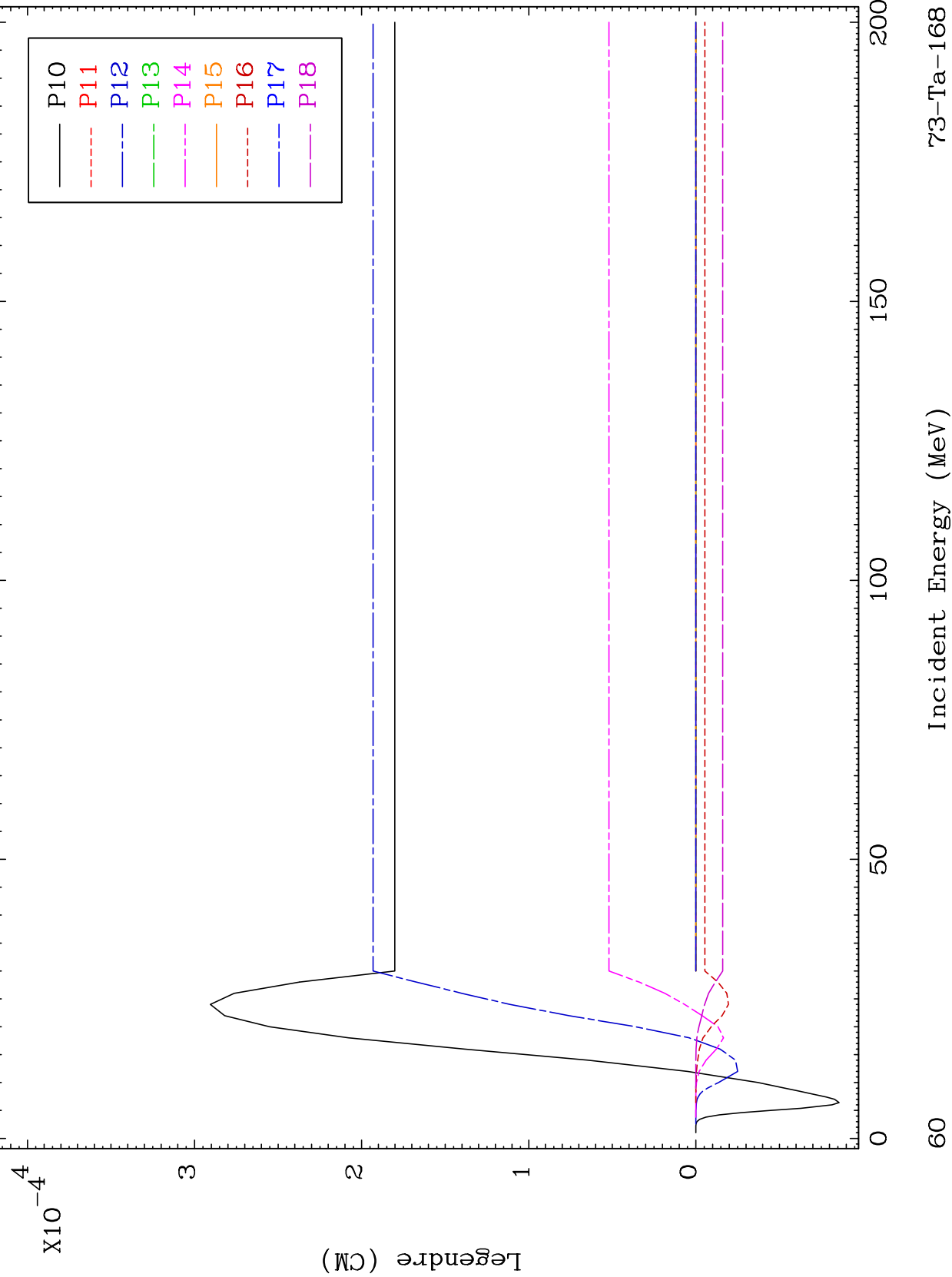
Incident Energy (MeV)

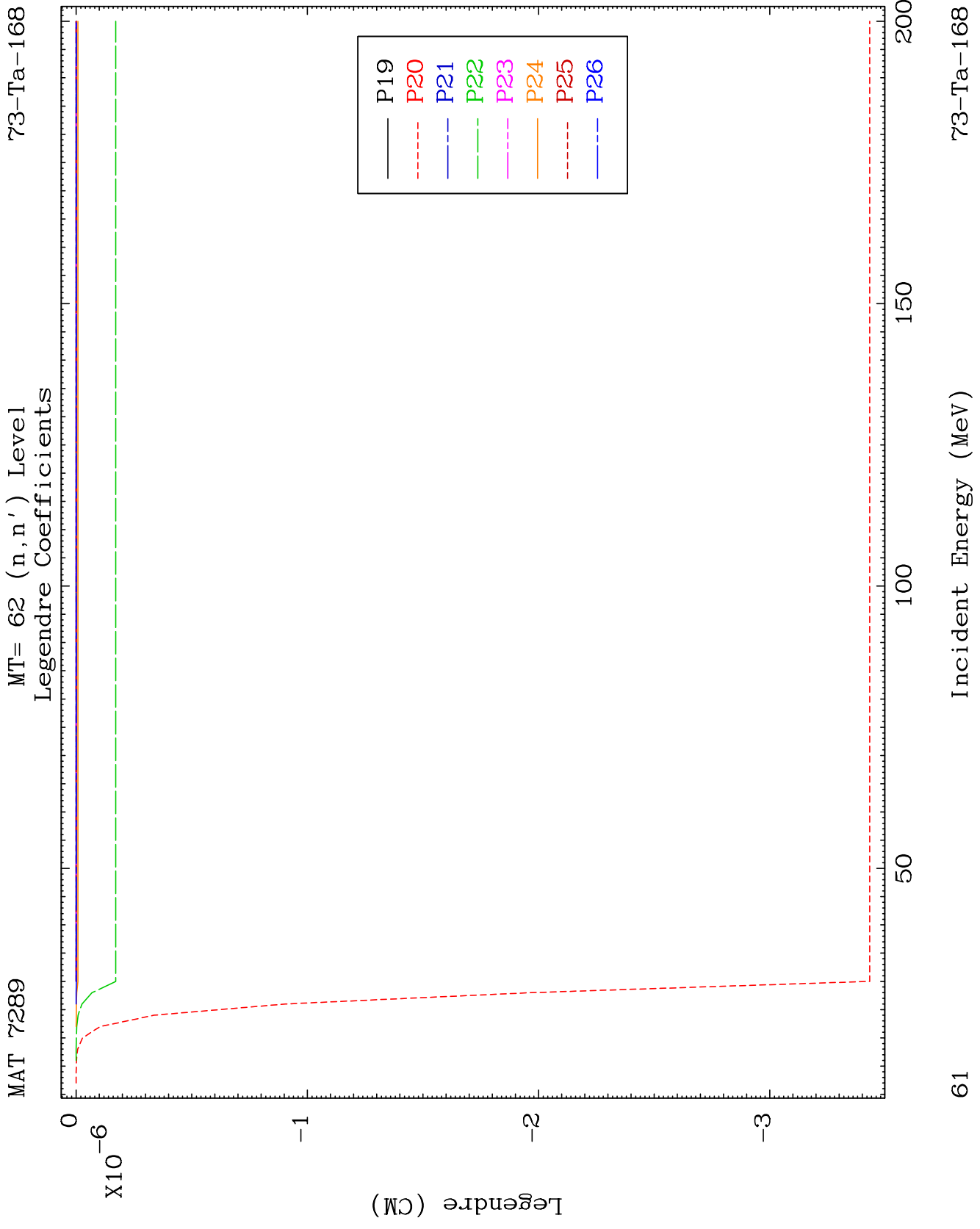
59

MAT 7289

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

73-Ta-168

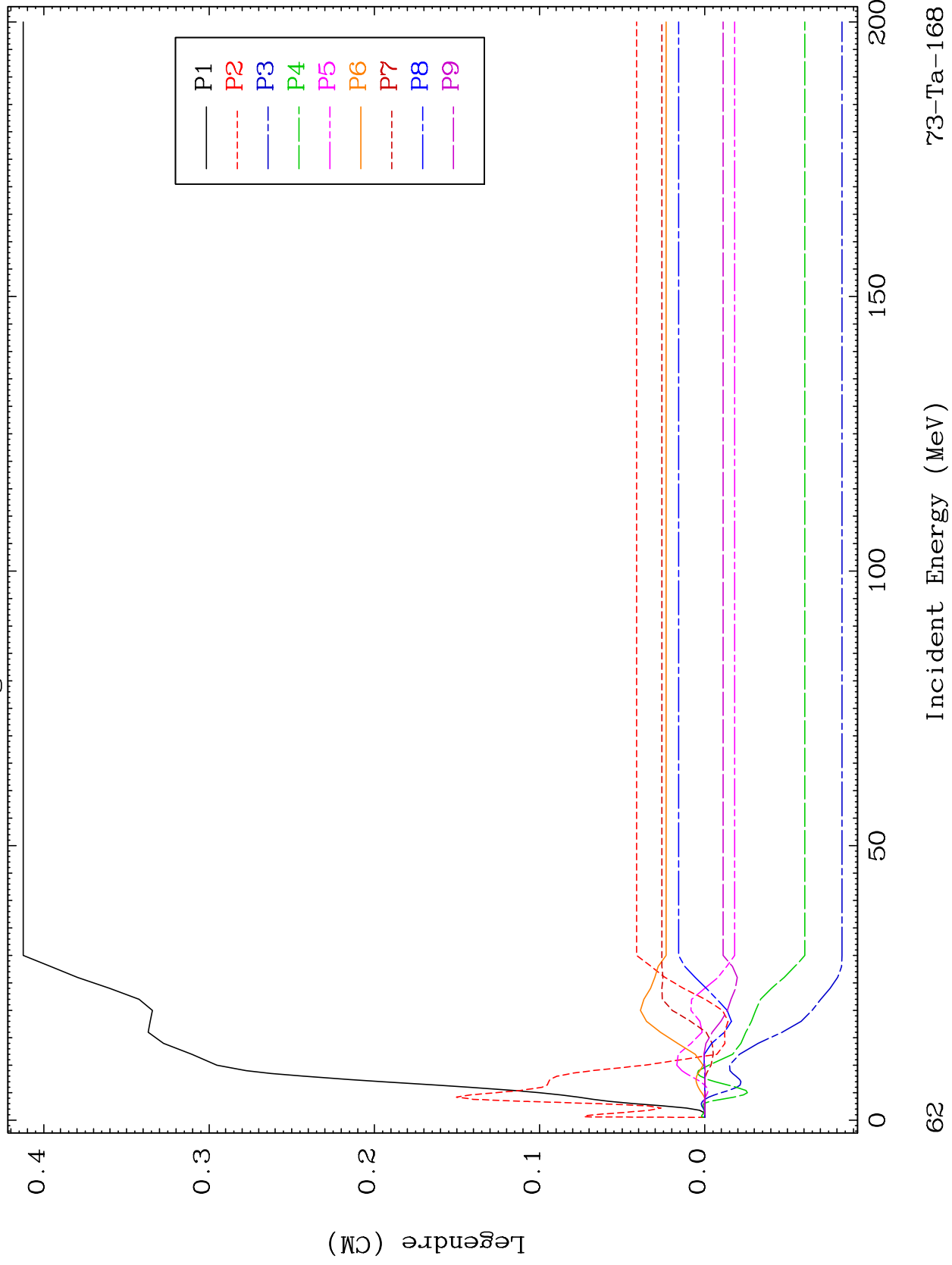




MAT 7289

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

73-Ta-168



73-Ta-168

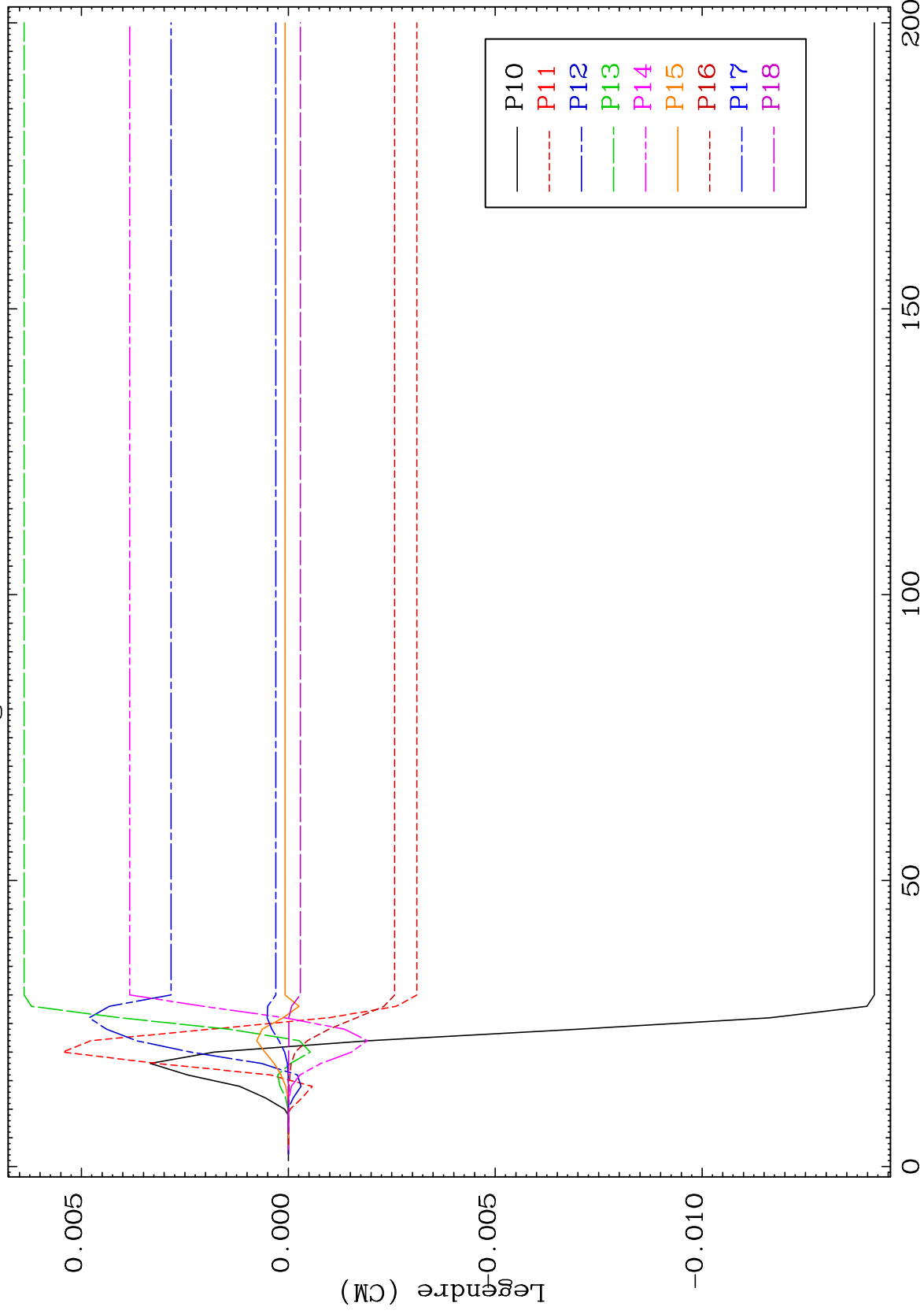
Incident Energy (MeV)

62

MAT 7289

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

73-Ta-168



63

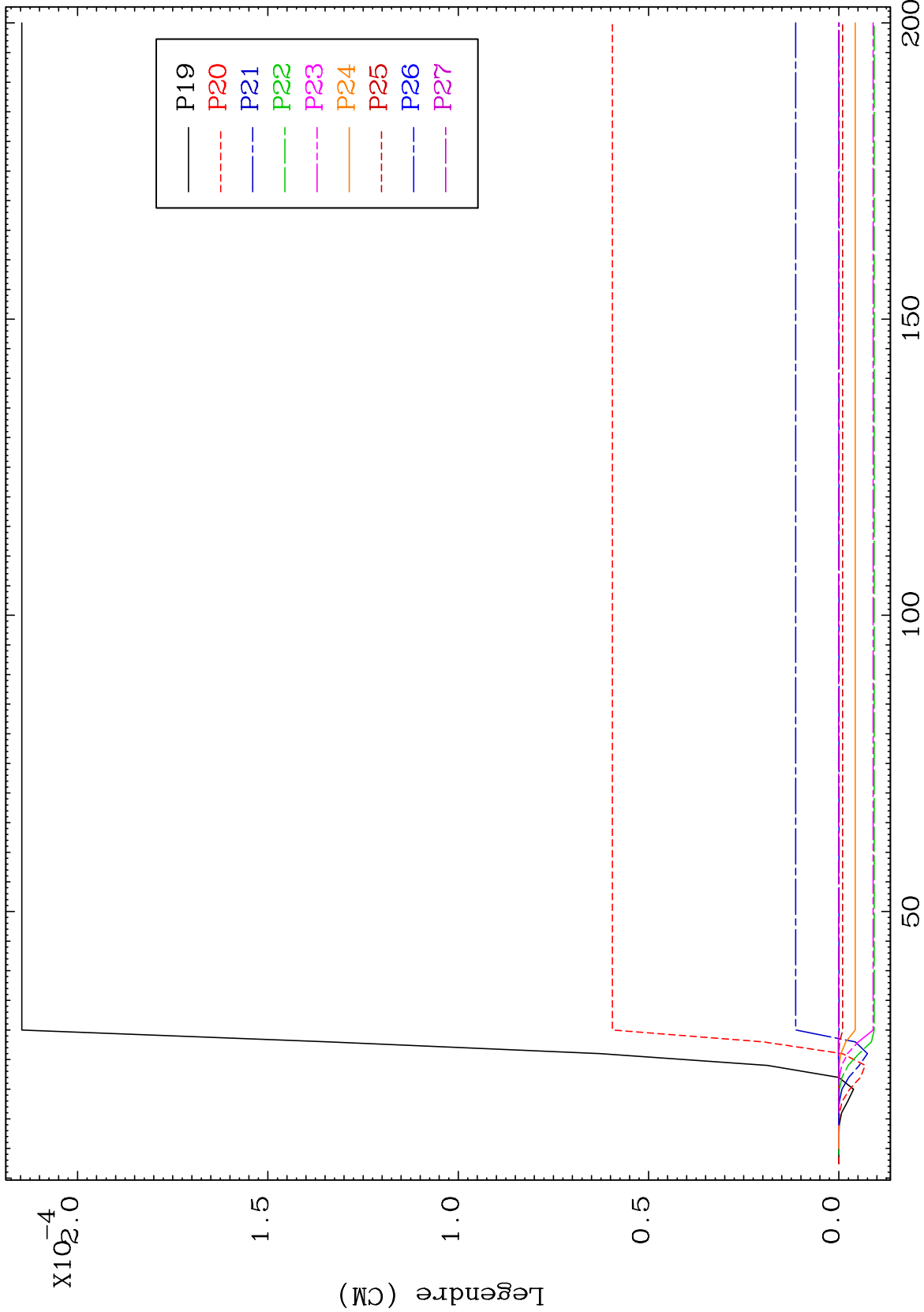
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



64

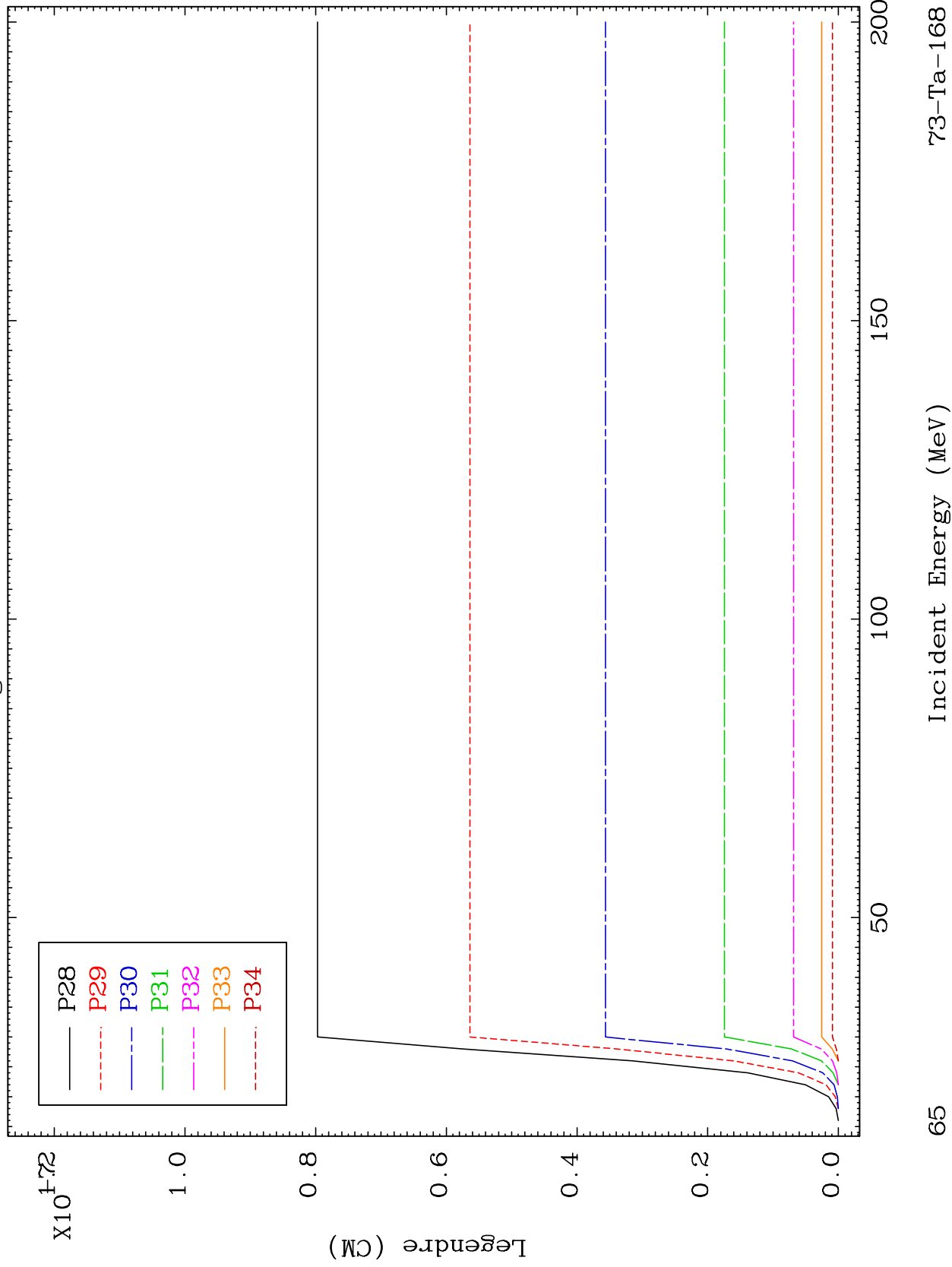
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

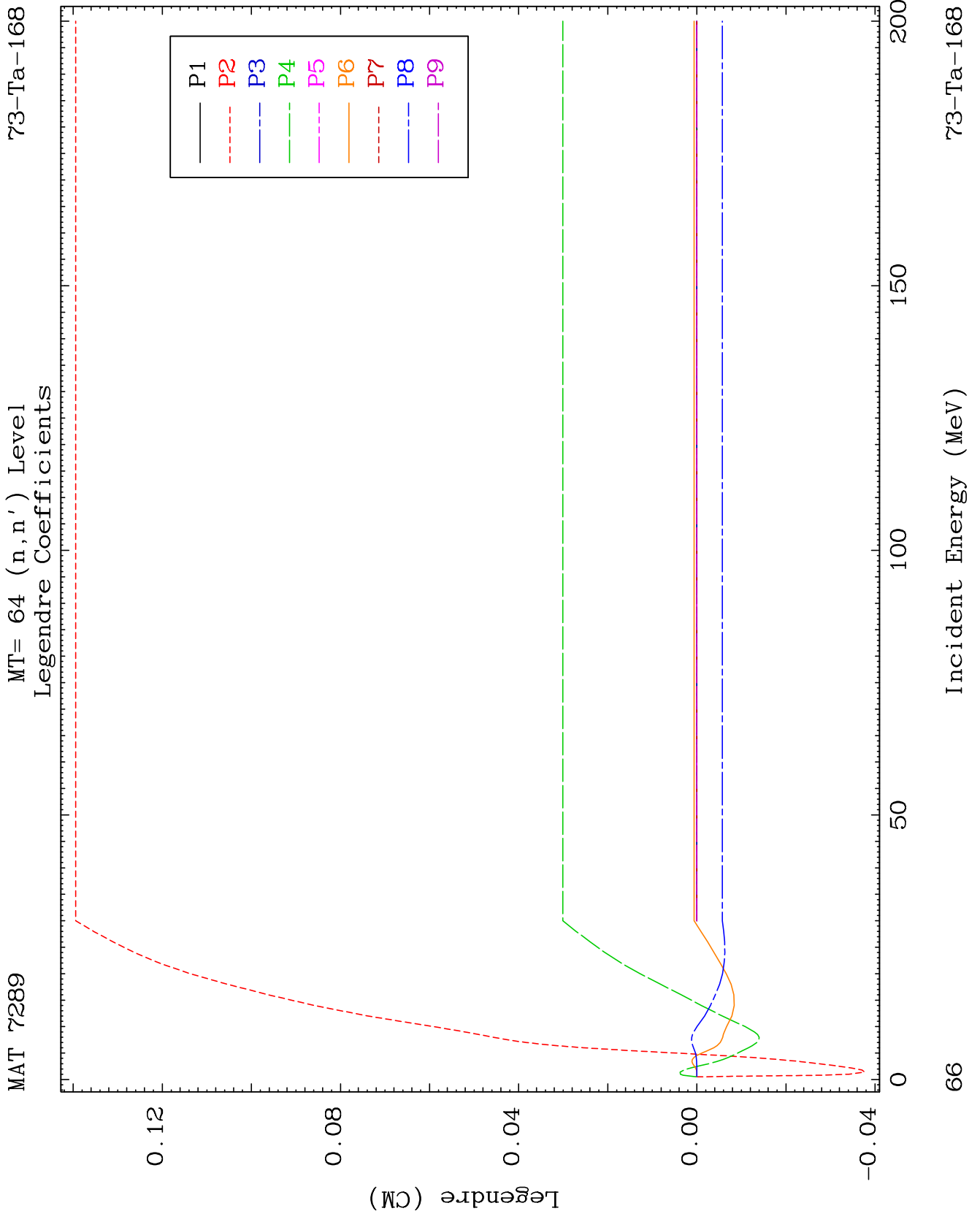
73-Ta-168



65

Incident Energy (MeV)

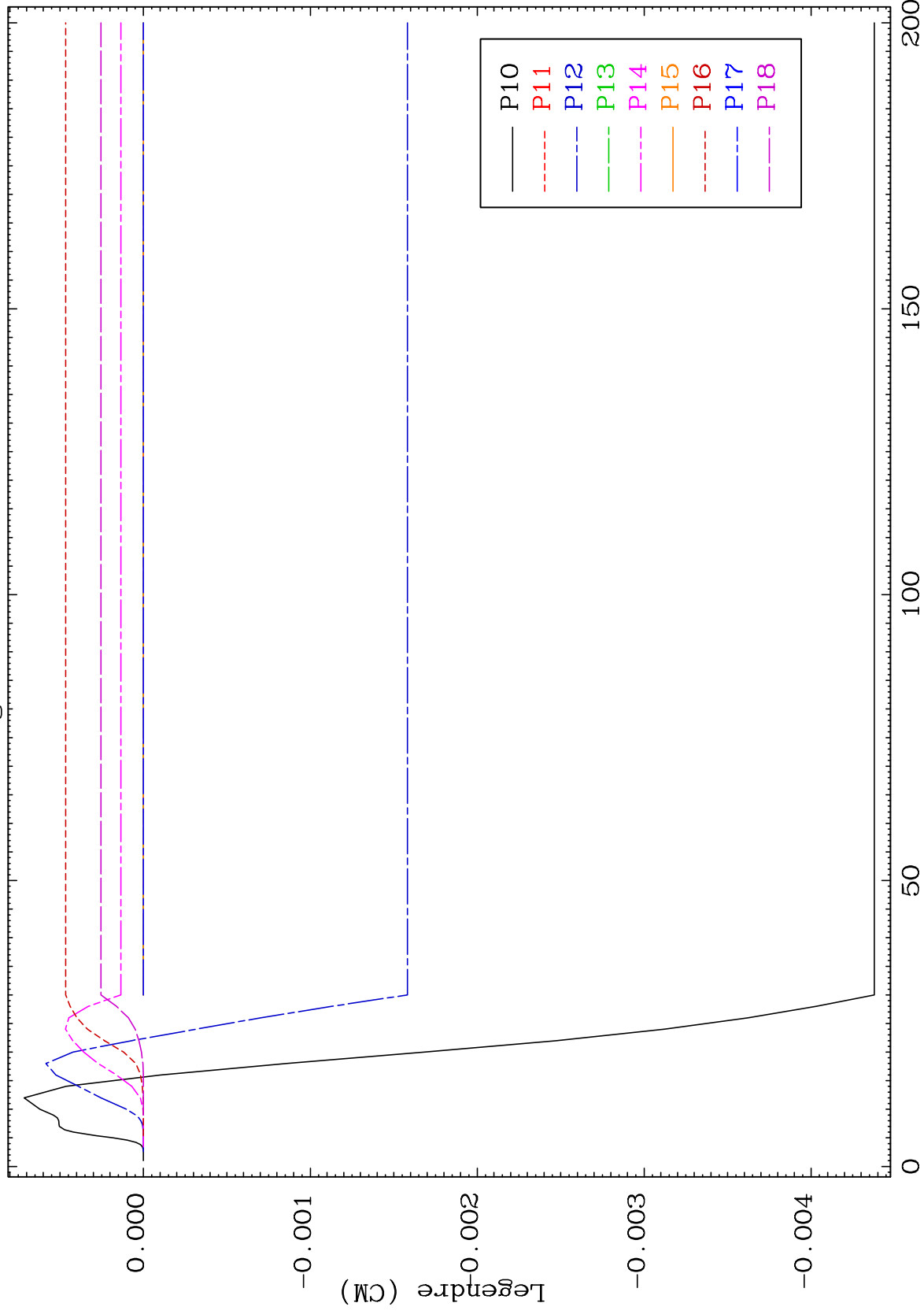
73-Ta-168



MAT 7289

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

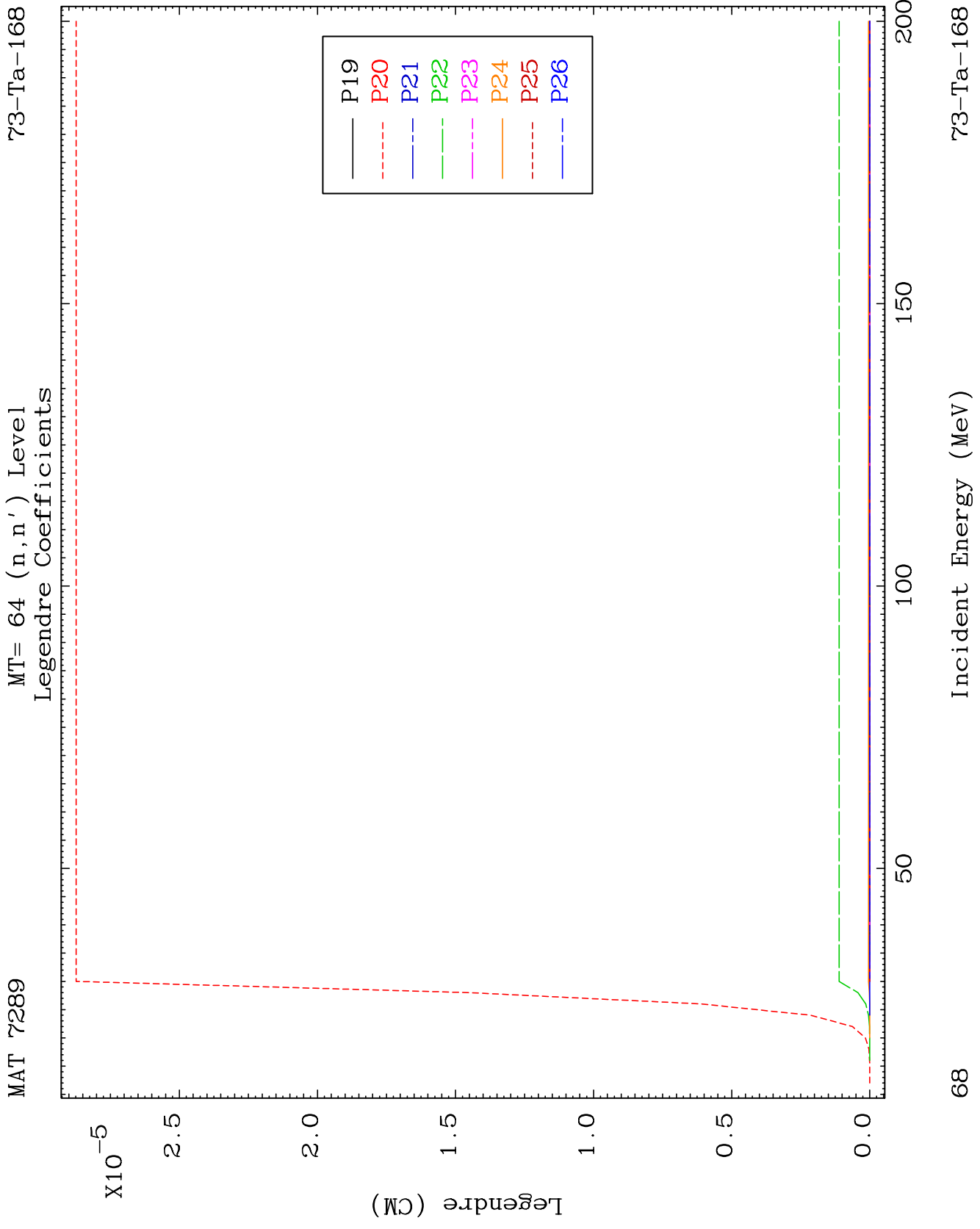
73-Ta-168

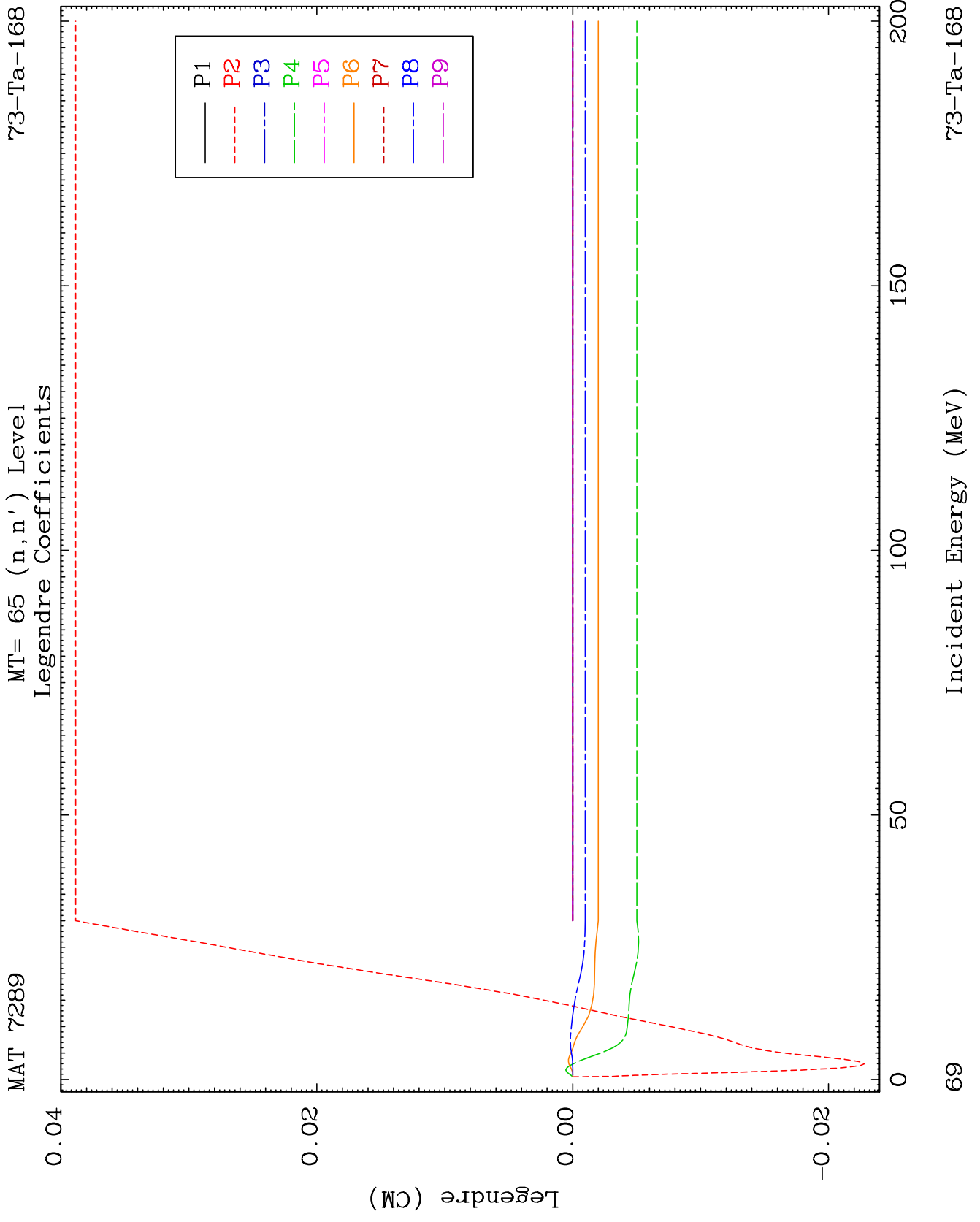


67

Incident Energy (MeV)

73-Ta-168

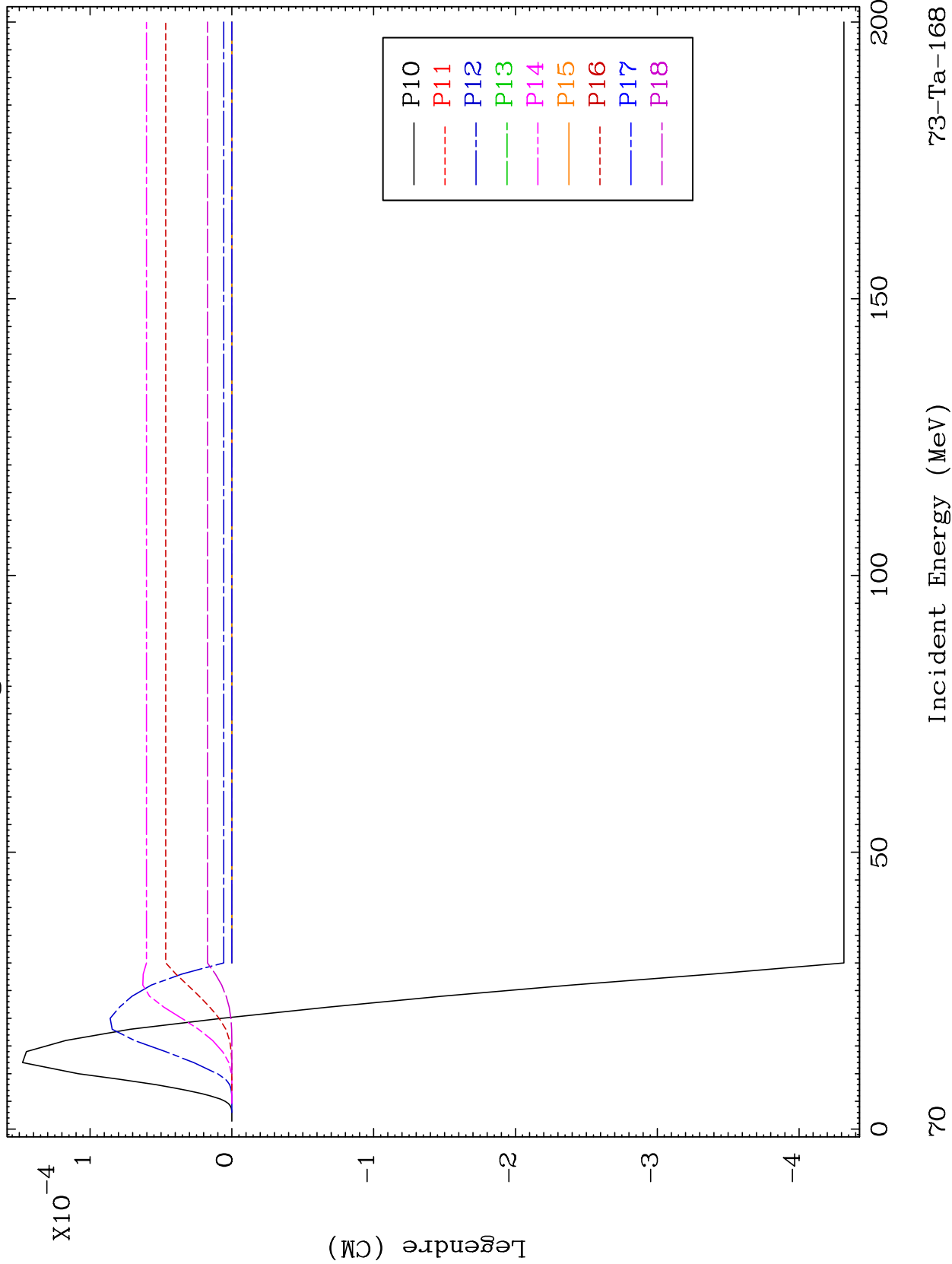




MAT 7289

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

73-Ta-168



73-Ta-168

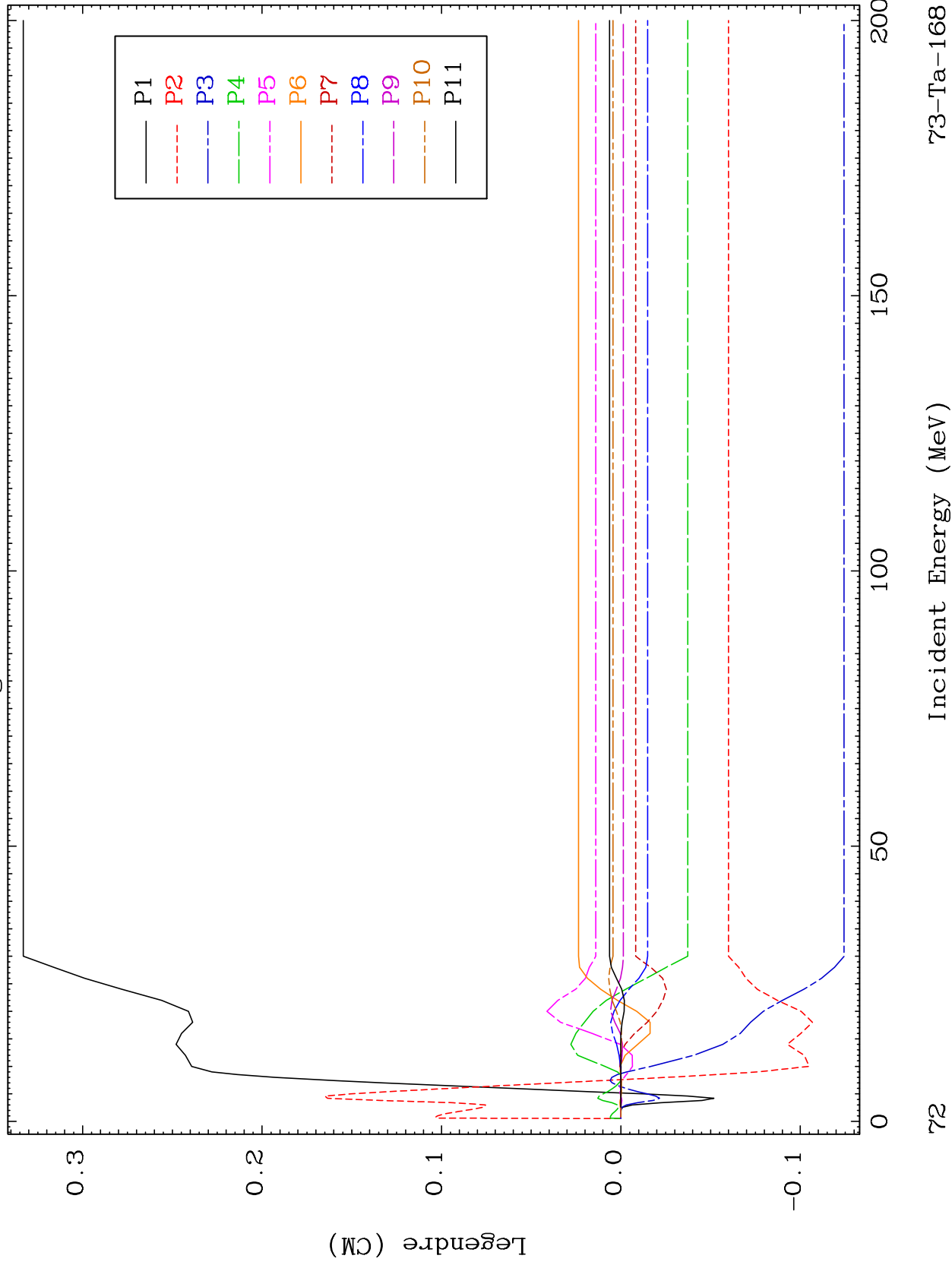
Incident Energy (MeV)

70

MAT 7289

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

73-Ta-168

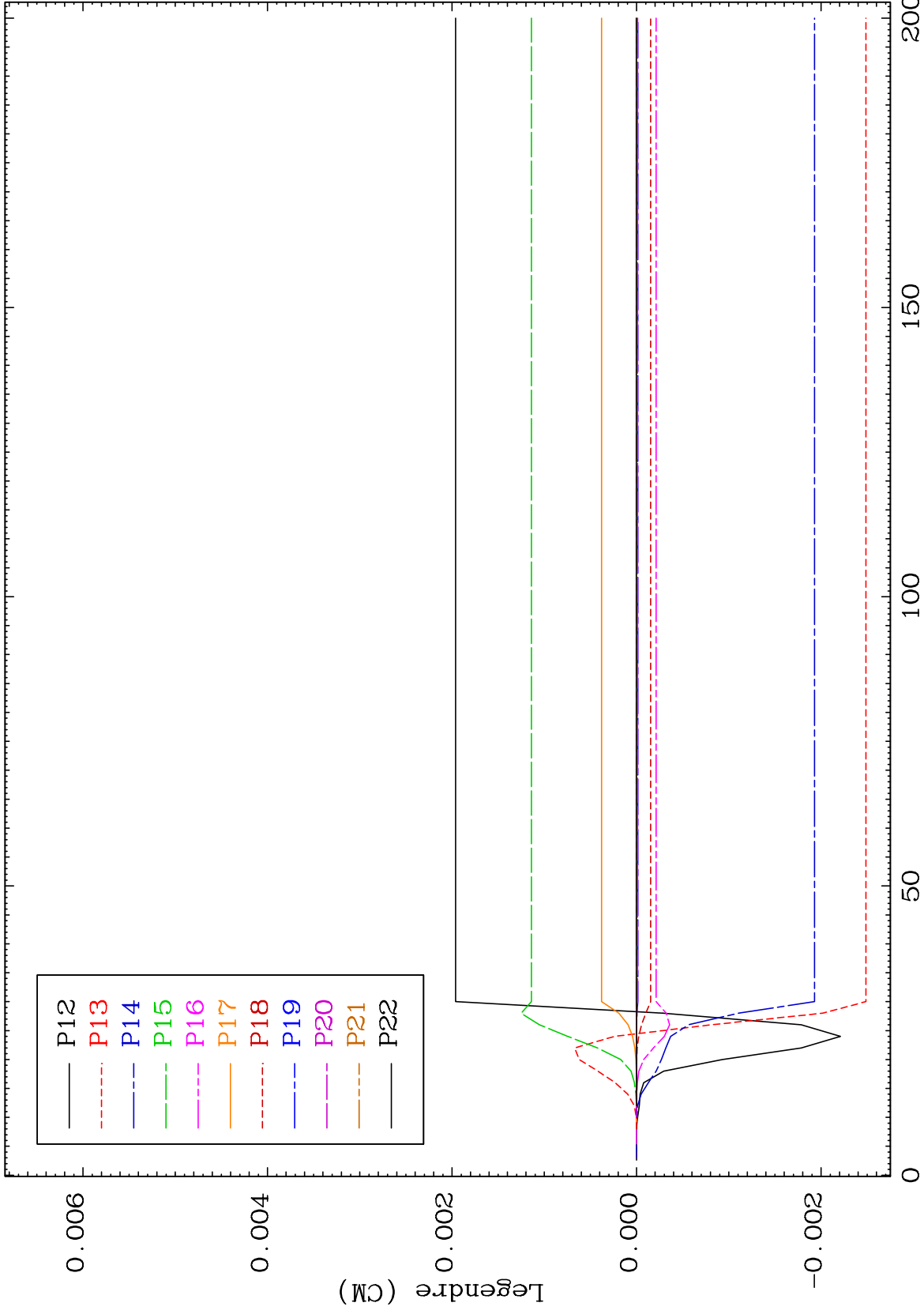


72

MAT 7289

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

73-Ta-168



73

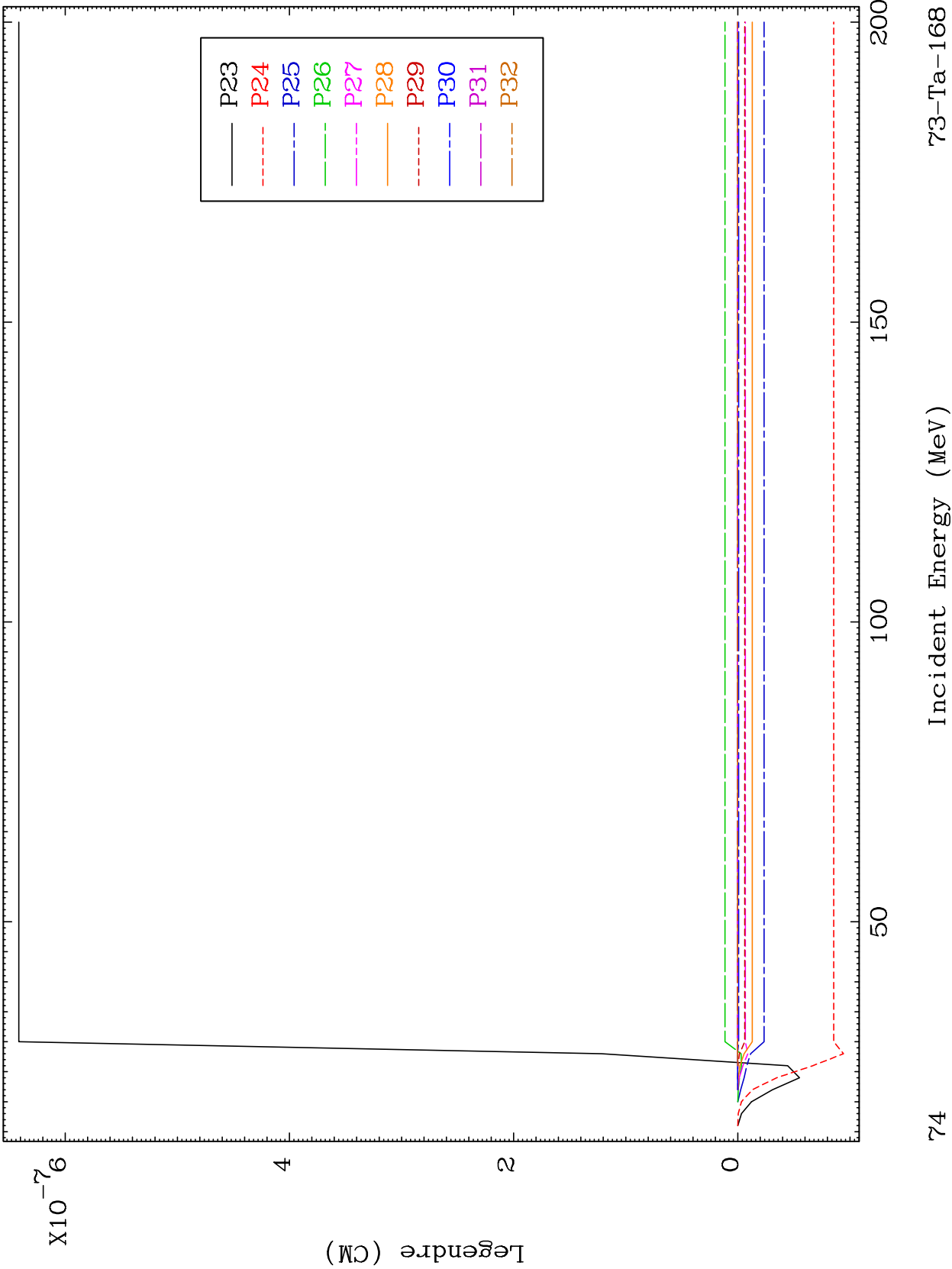
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



74

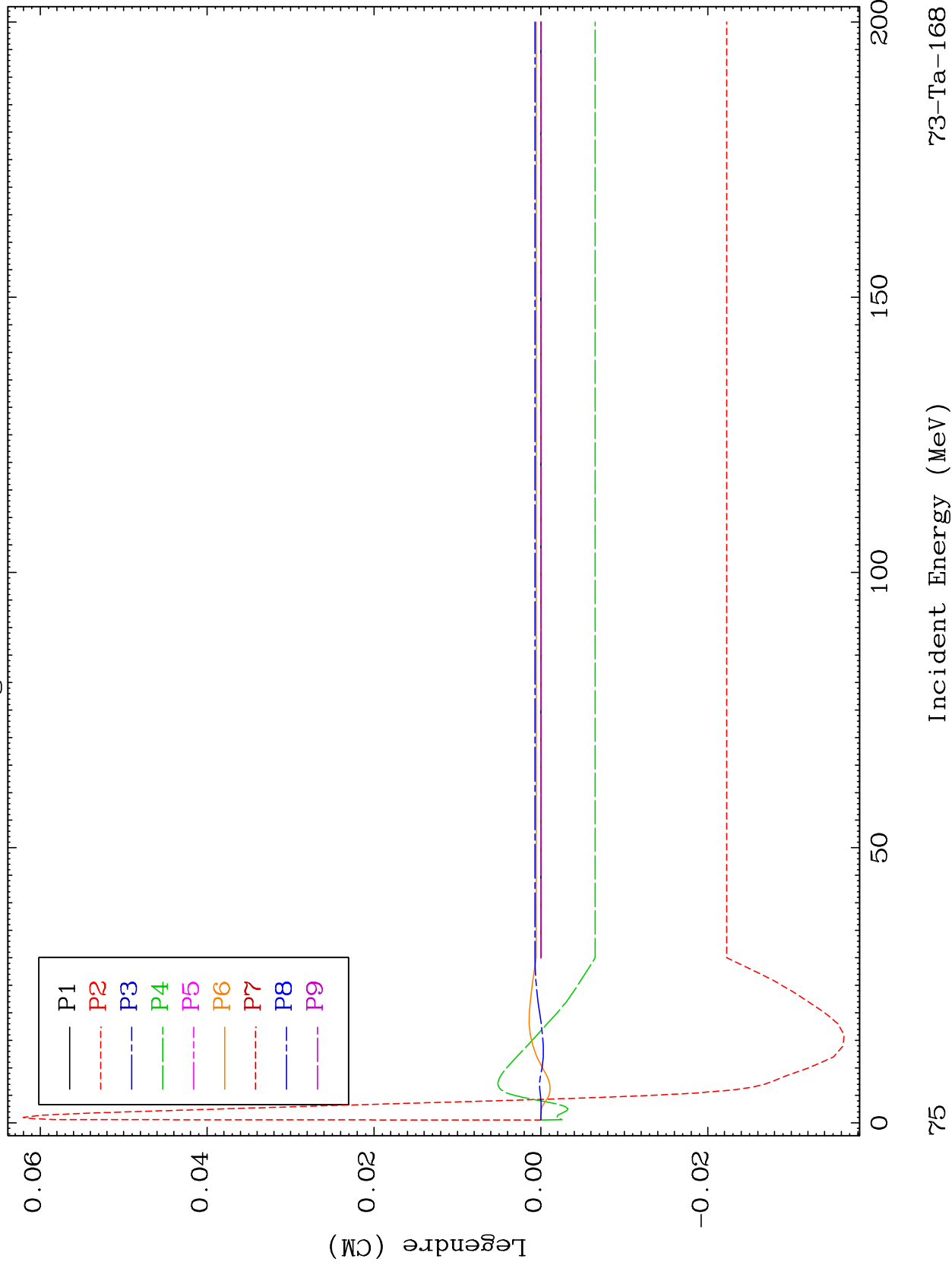
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

⁷³Ta-168



⁷³Ta-168

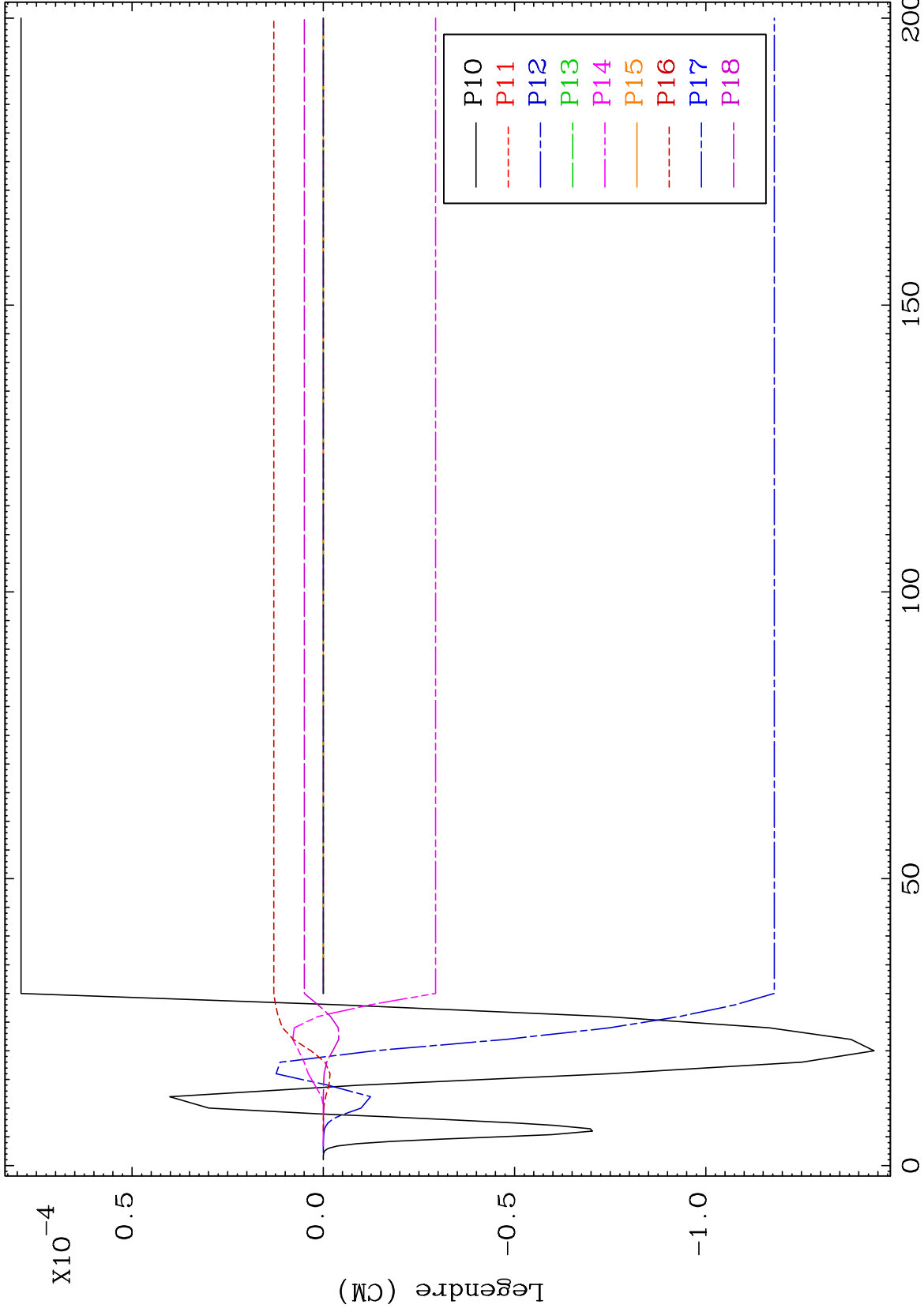
Incident Energy (MeV)

75

MAT 7289

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

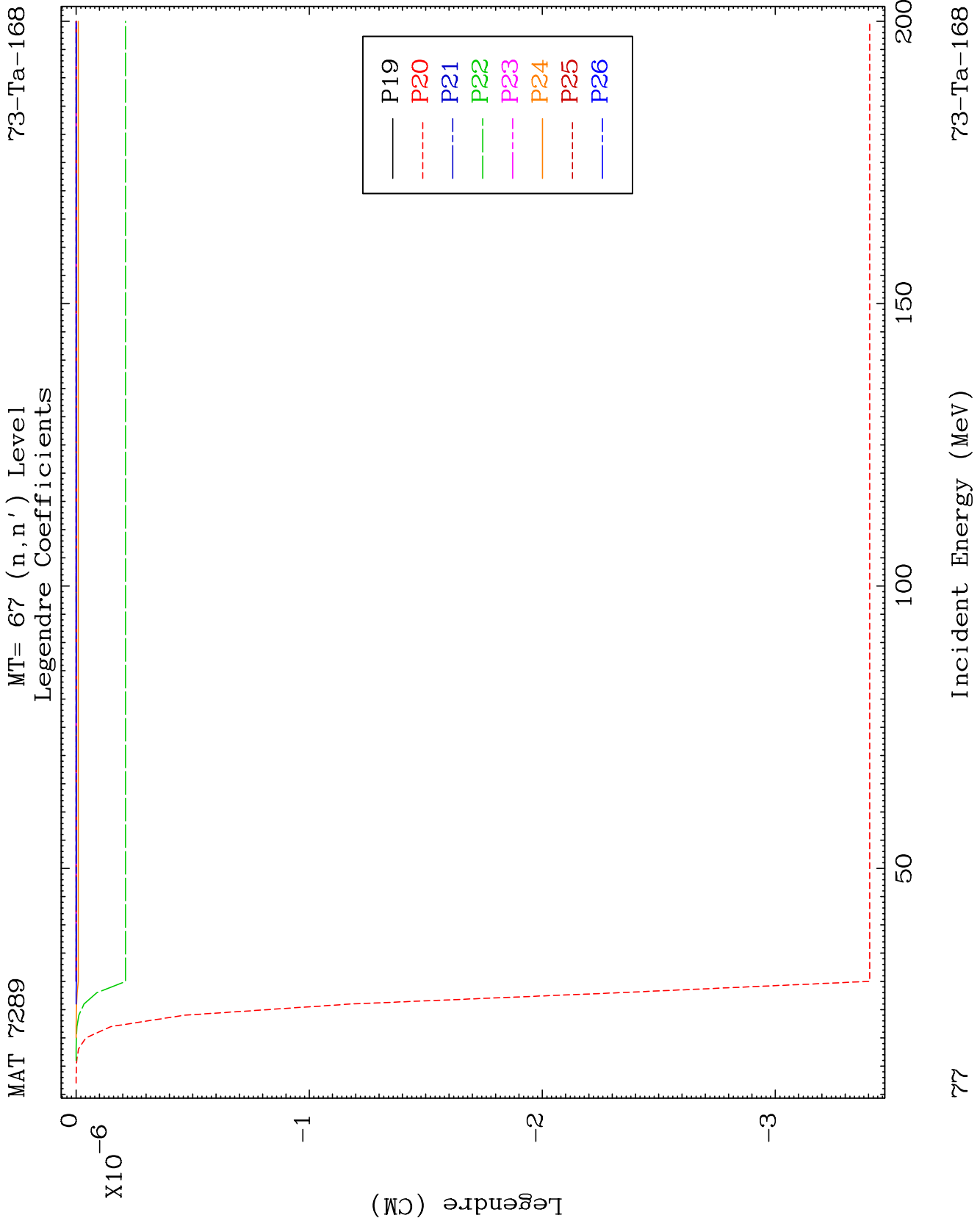
73-Ta-168

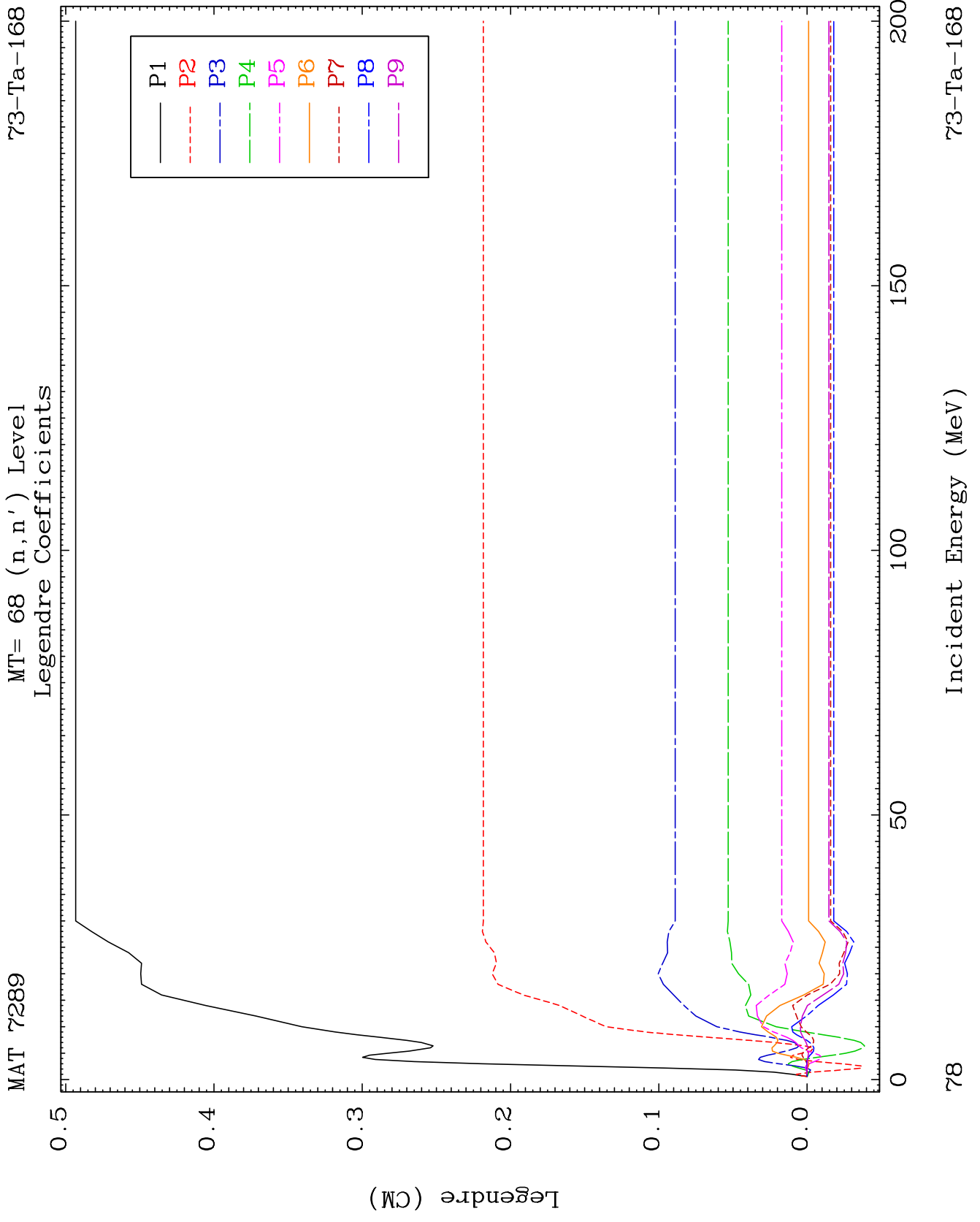


76

Incident Energy (MeV)

73-Ta-168

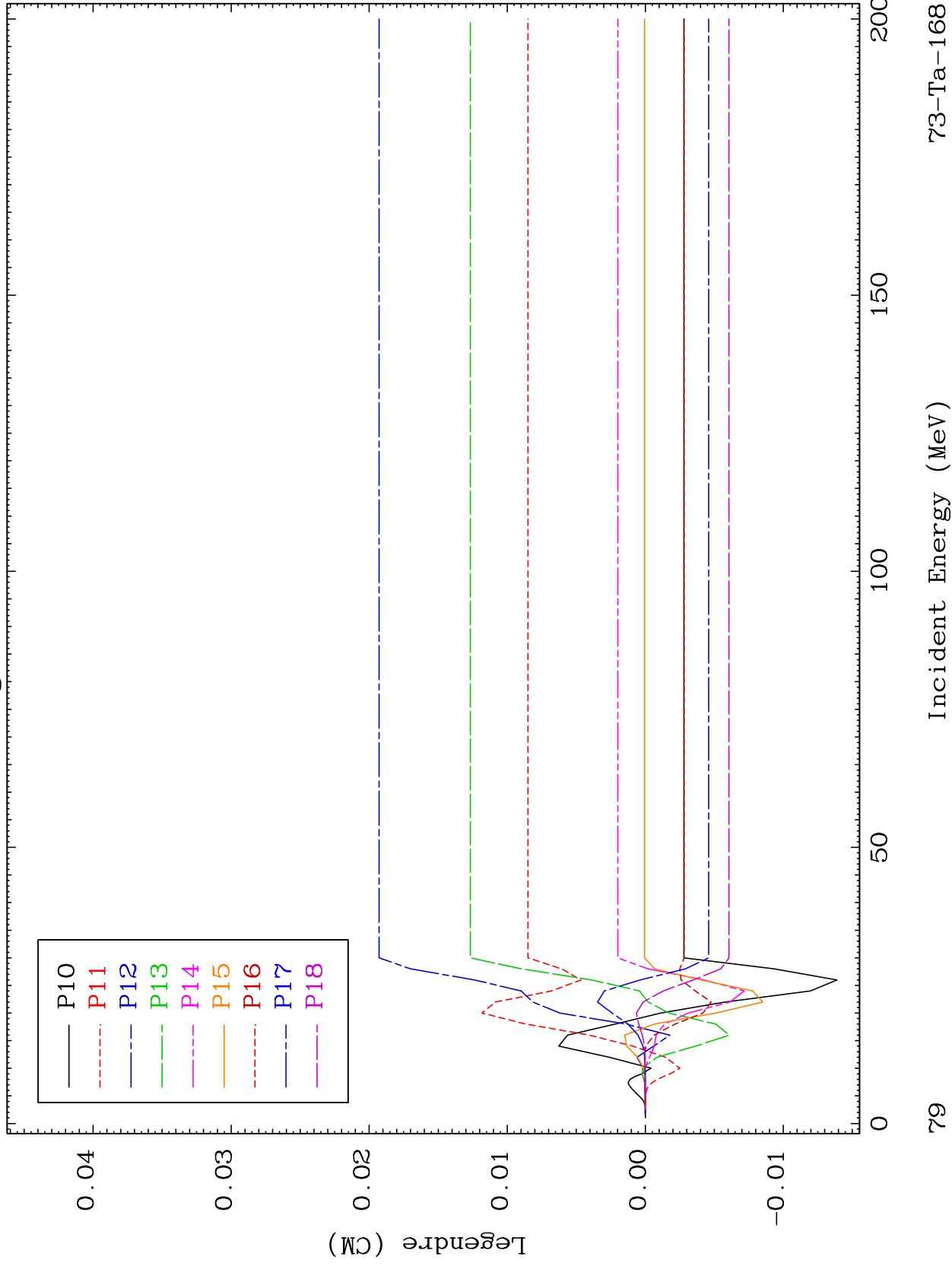




MAT 7289

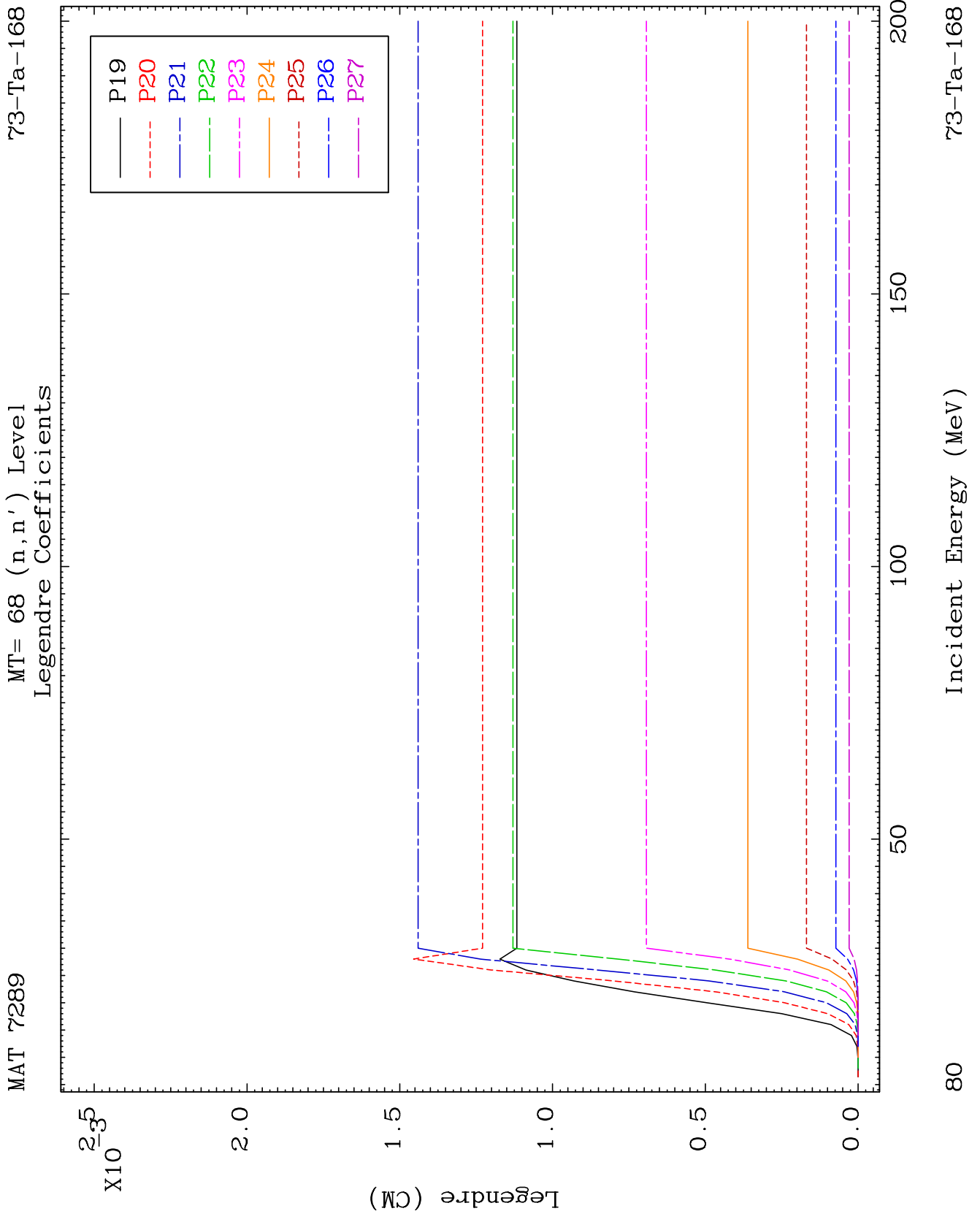
MT= 68 (n,n') Level
Legendre Coefficients

73-Ta-168



79

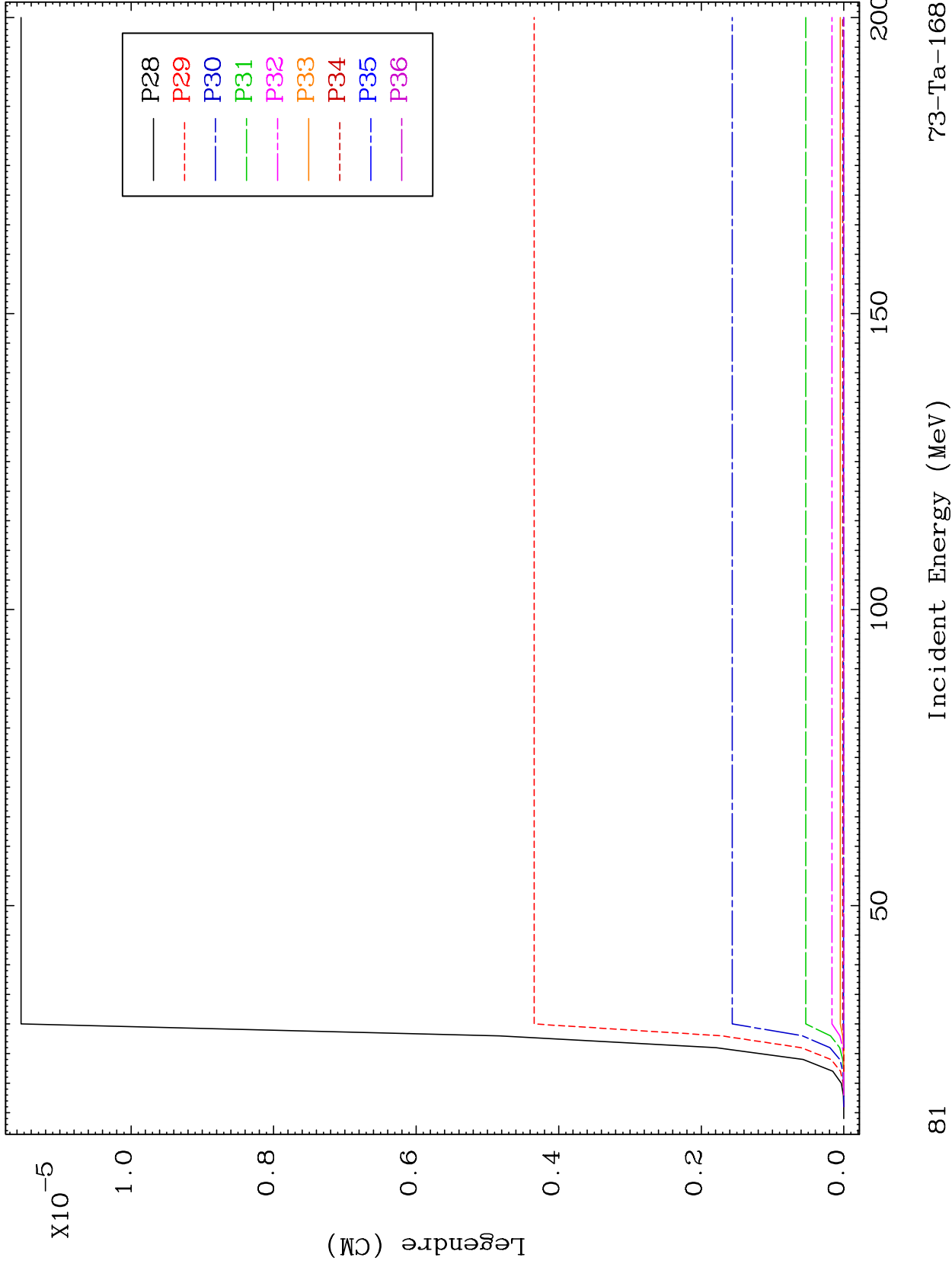
73-Ta-168



MAT 7289

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

73-Ta-168



81

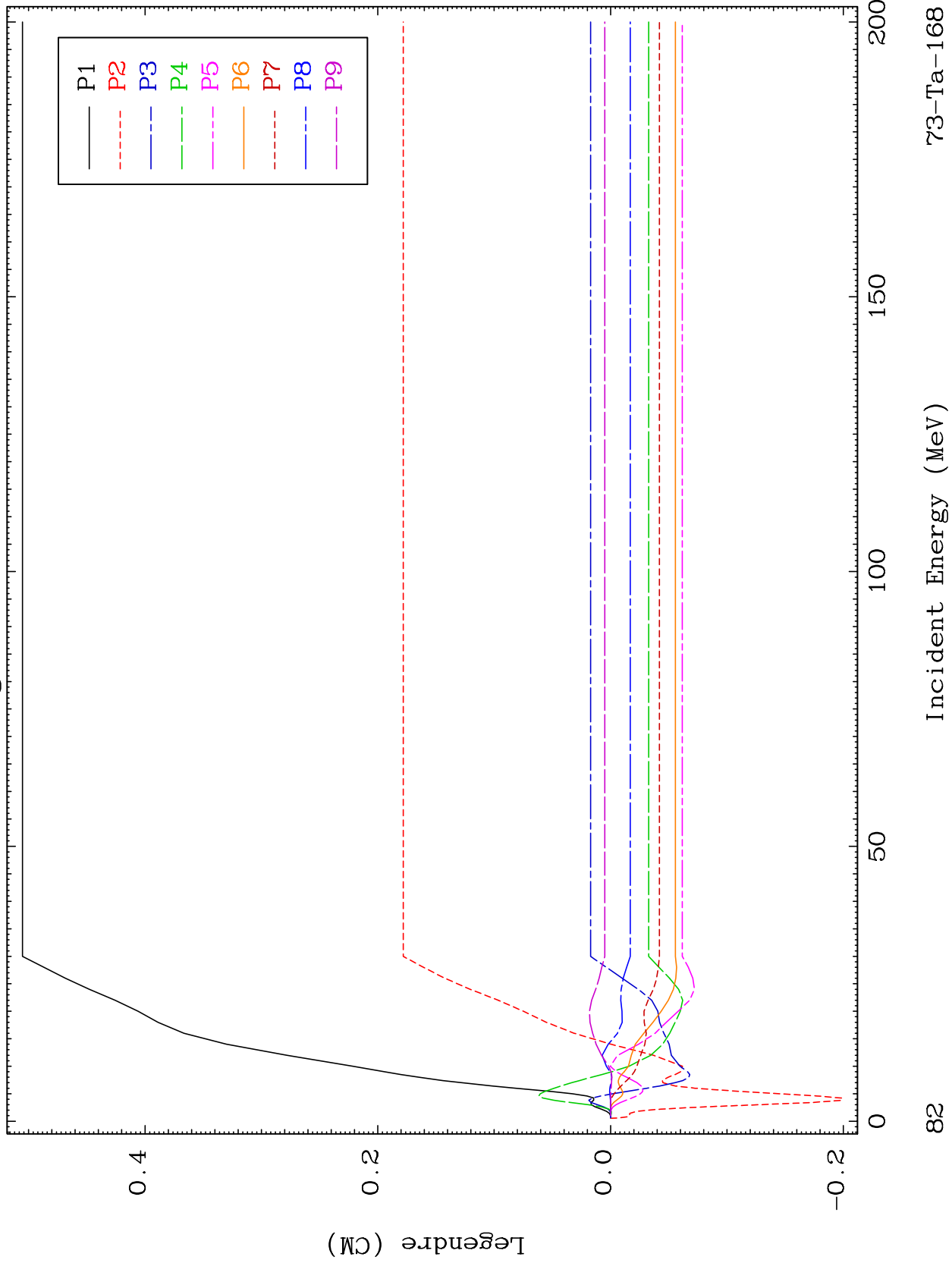
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



73-Ta-168

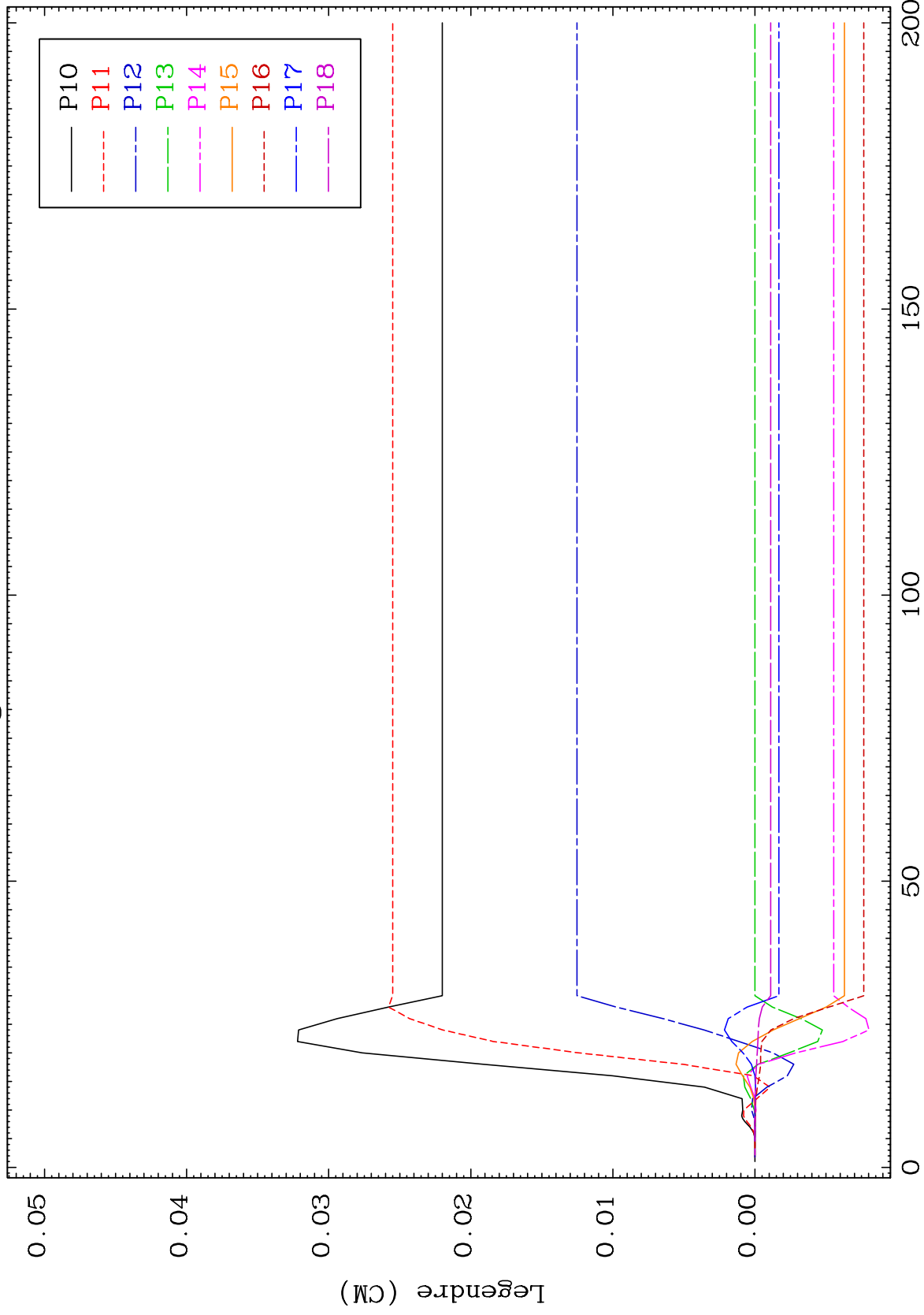
Incident Energy (MeV)

82

MAT 7289

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

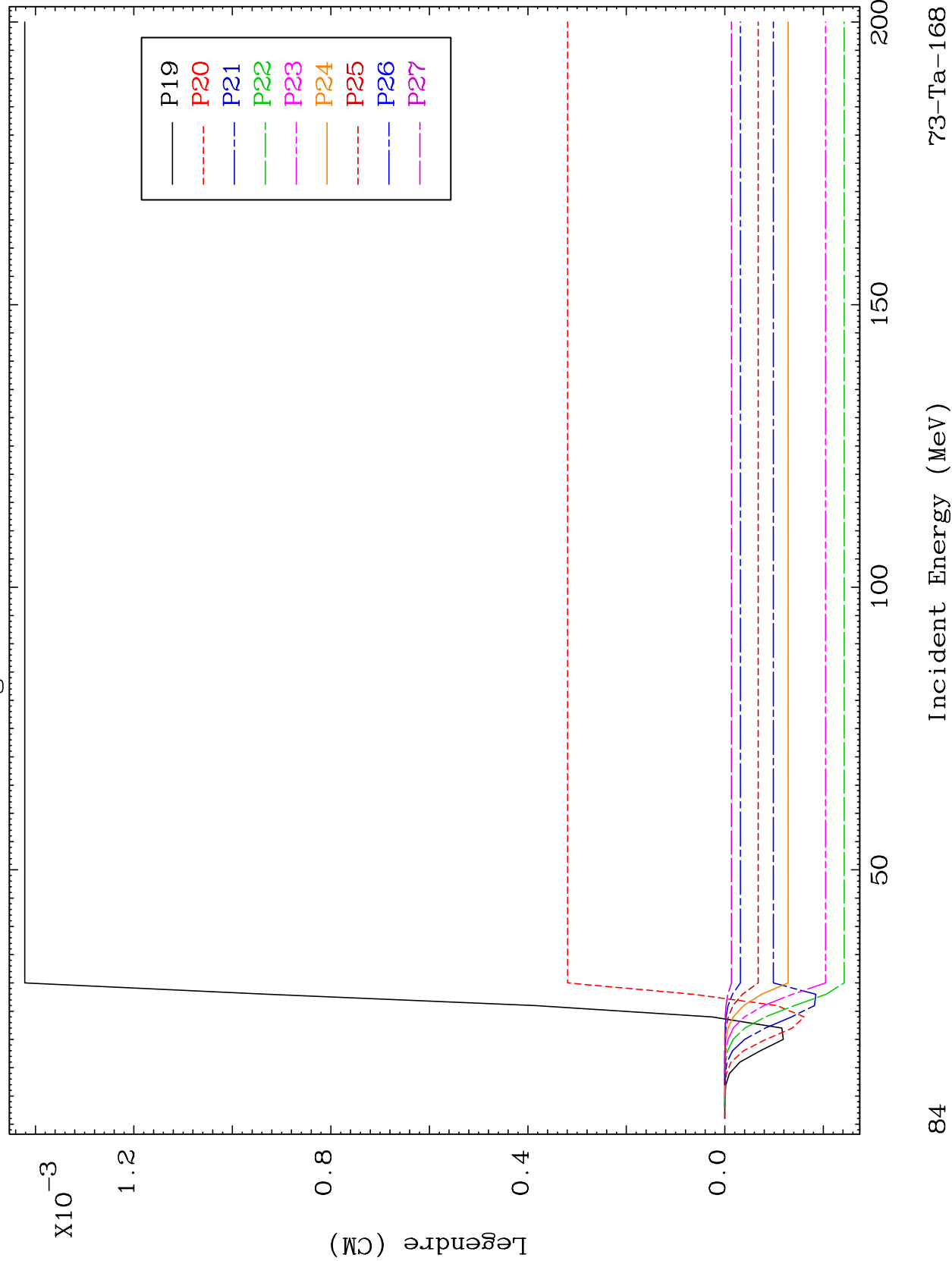
73-Ta-168



83

Incident Energy (MeV)

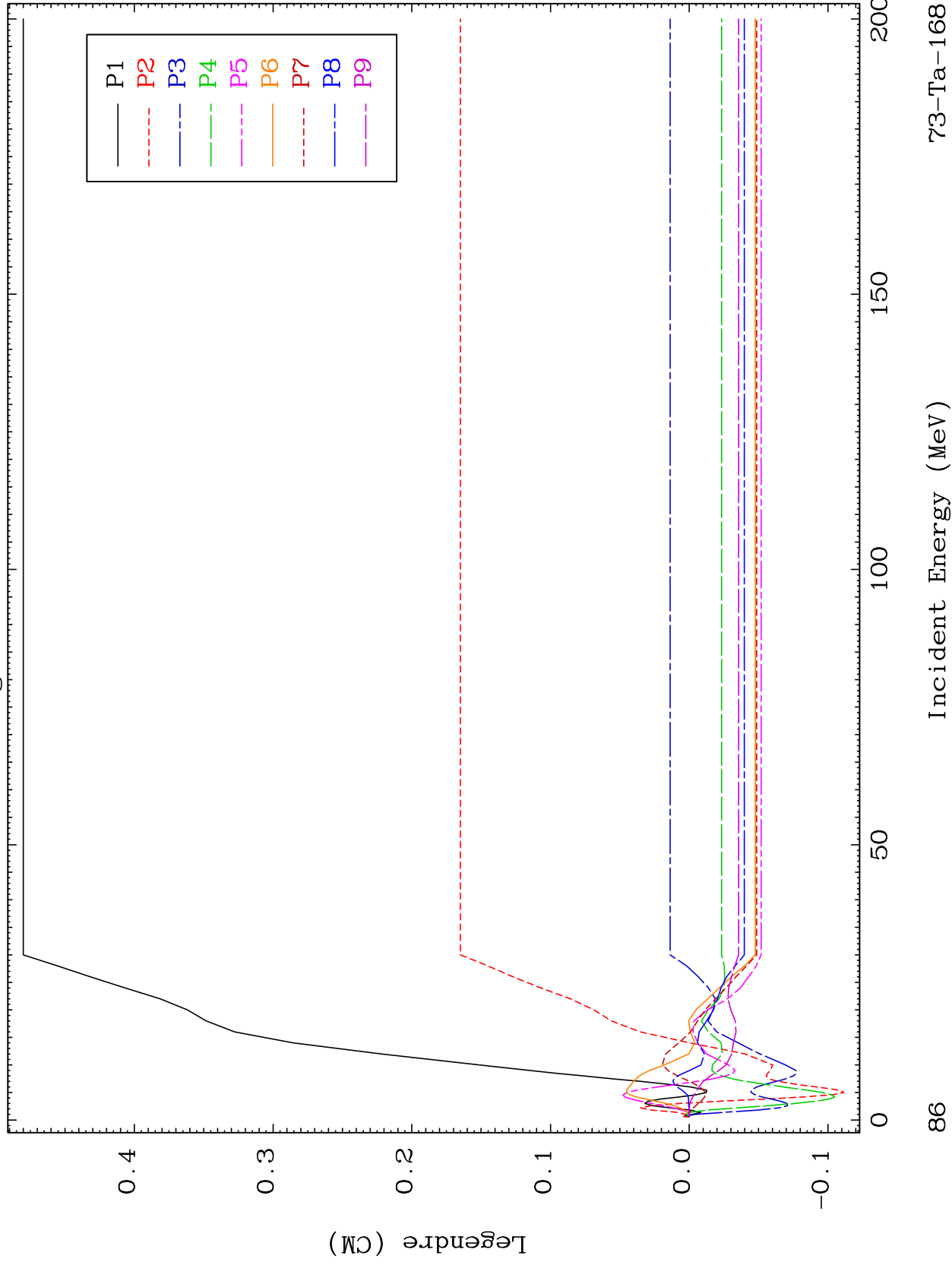
73-Ta-168



MAT 7289

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

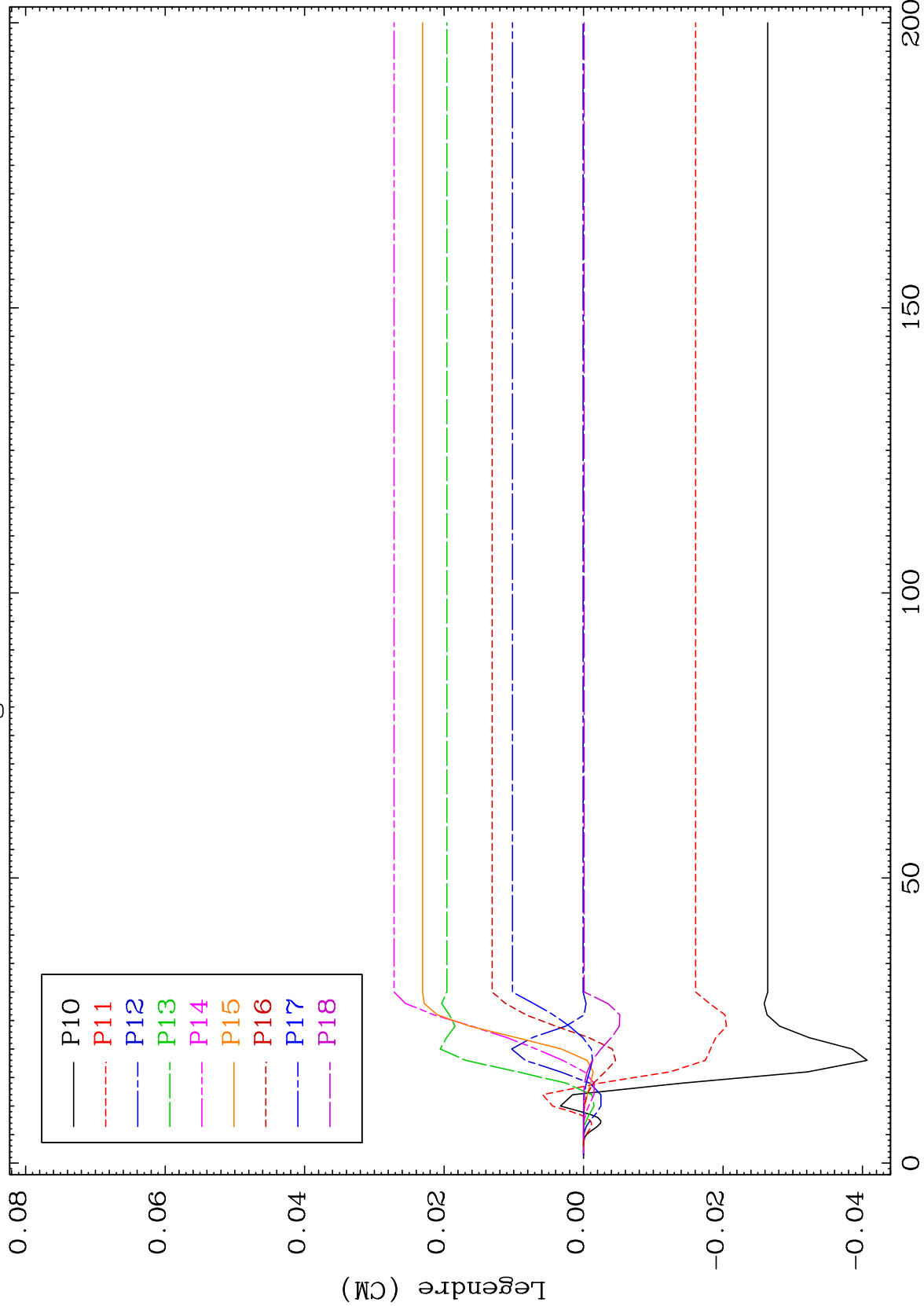
73-Ta-168



MAT 7289

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

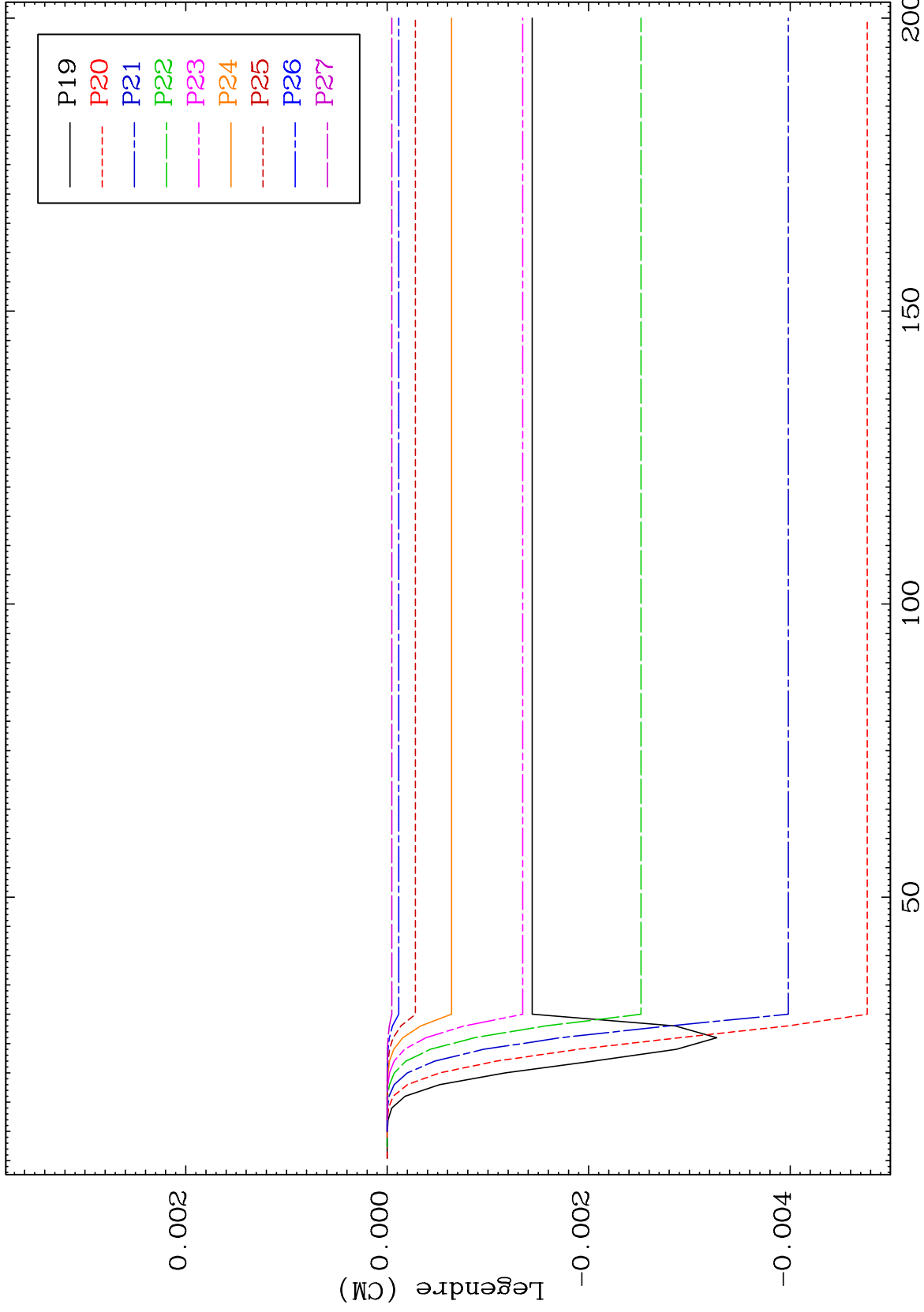
73-Ta-168

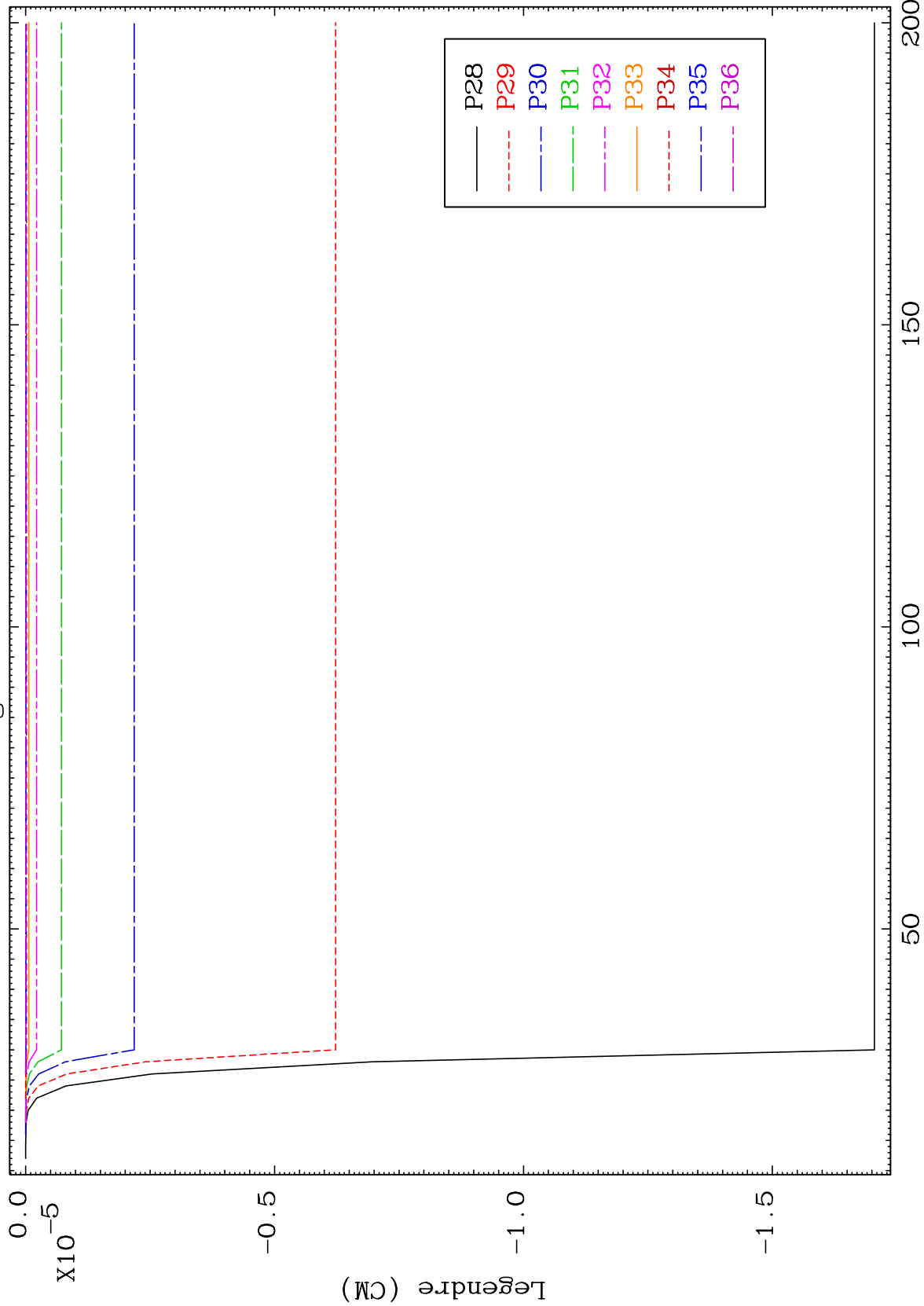


87

Incident Energy (MeV)

73-Ta-168

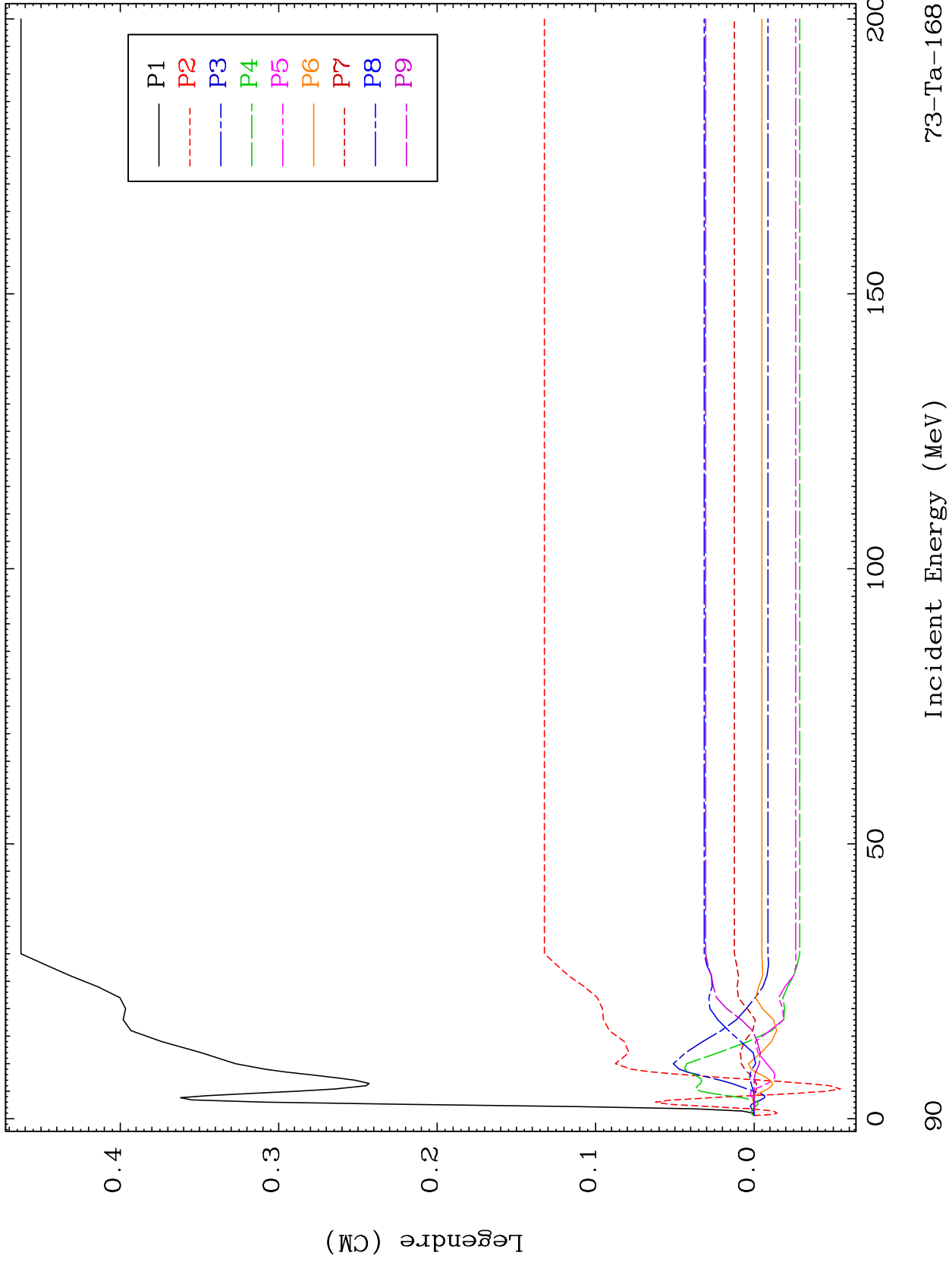




MAT 7289

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

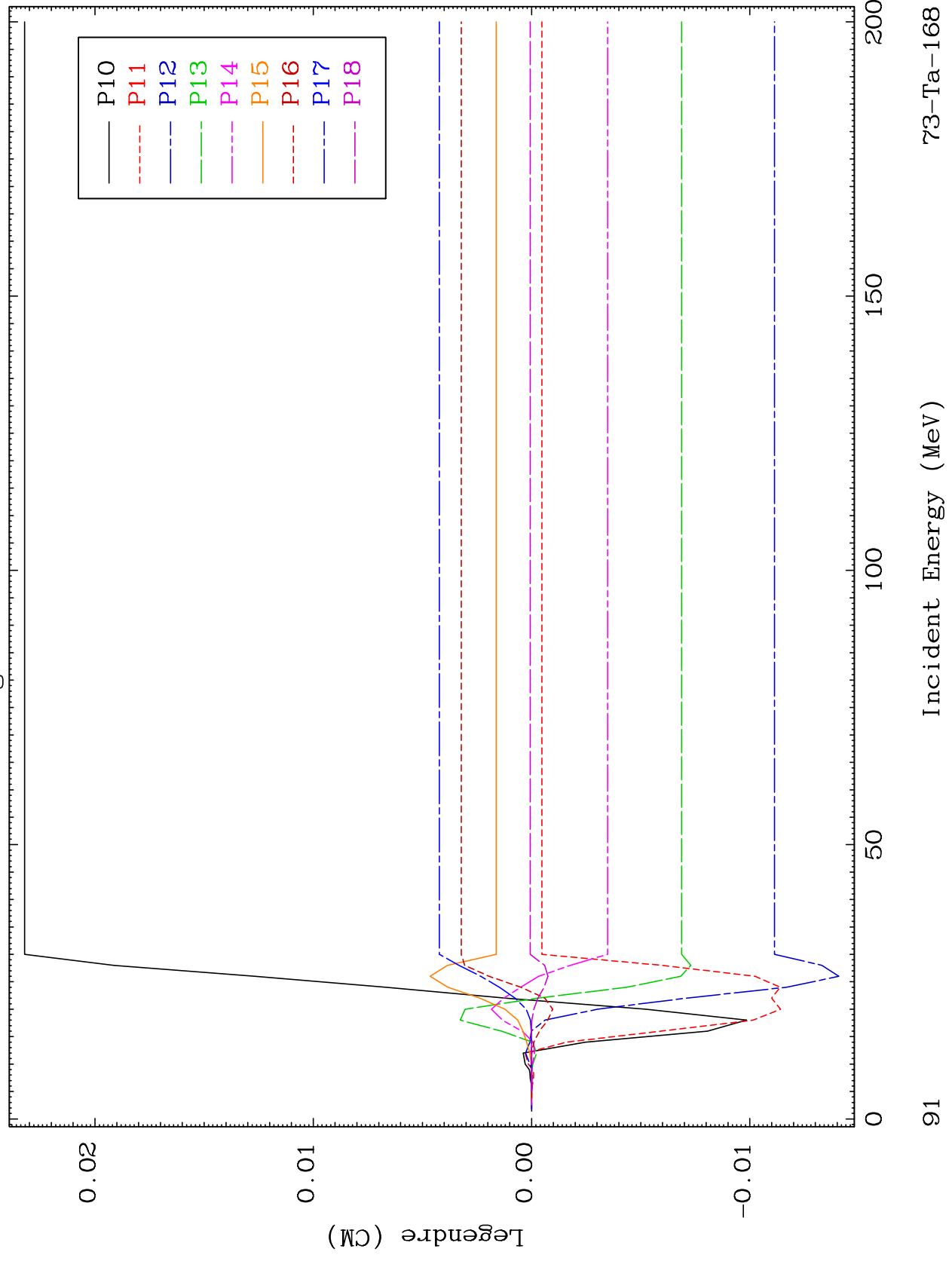
73-Ta-168



MAT 7289

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

73-Ta-168



91

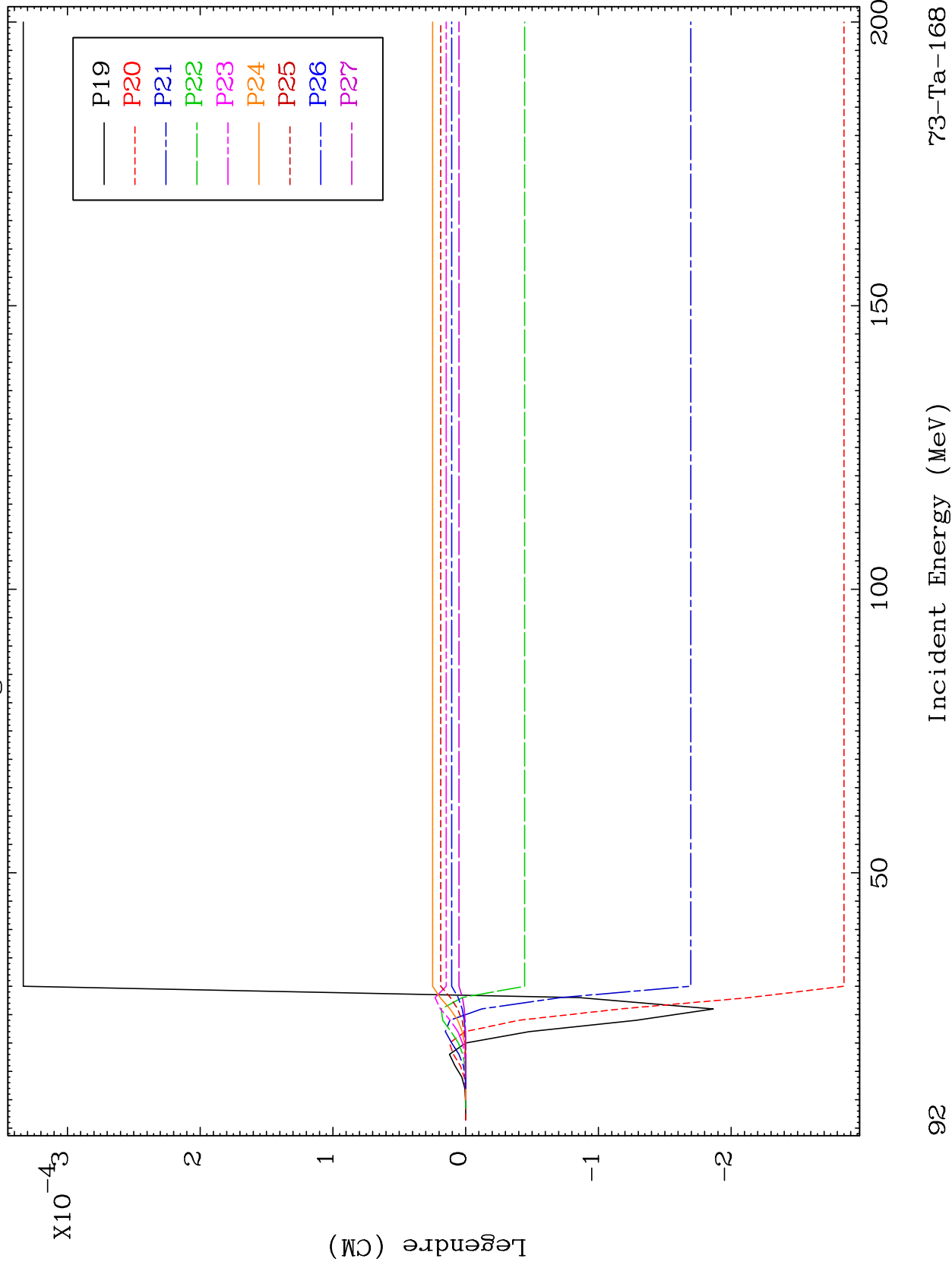
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



92

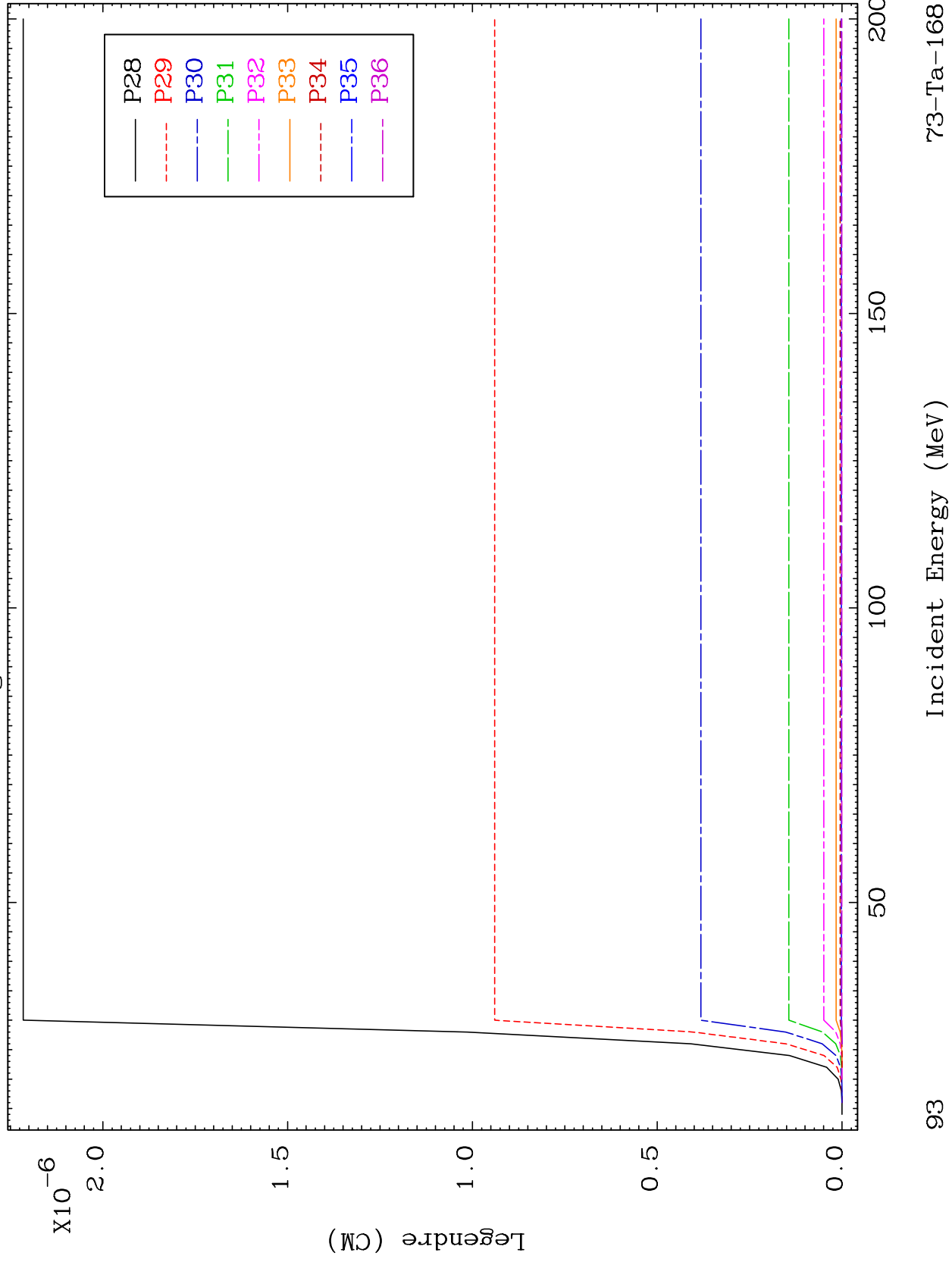
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

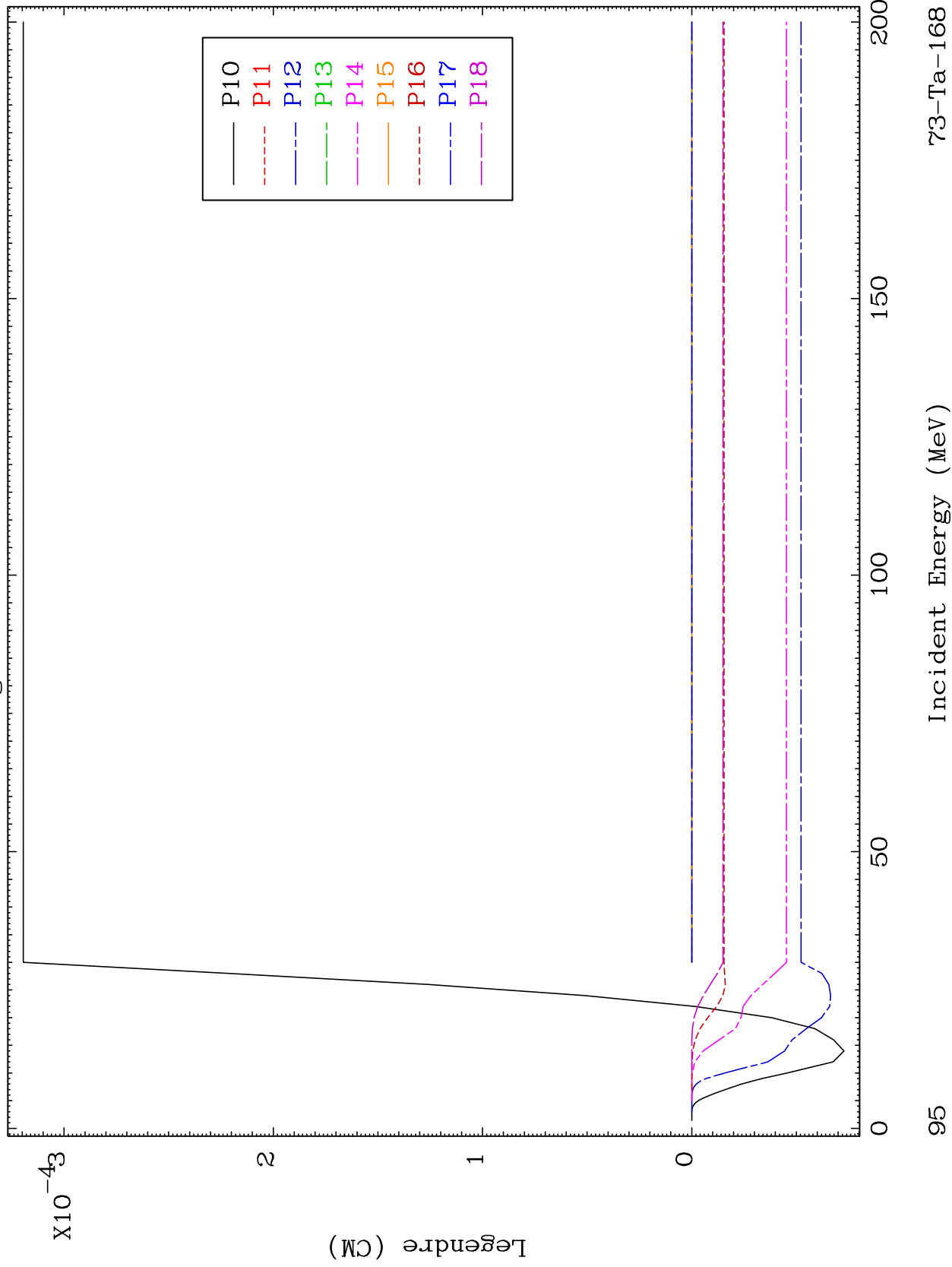
73-Ta-168



MAT 7289

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

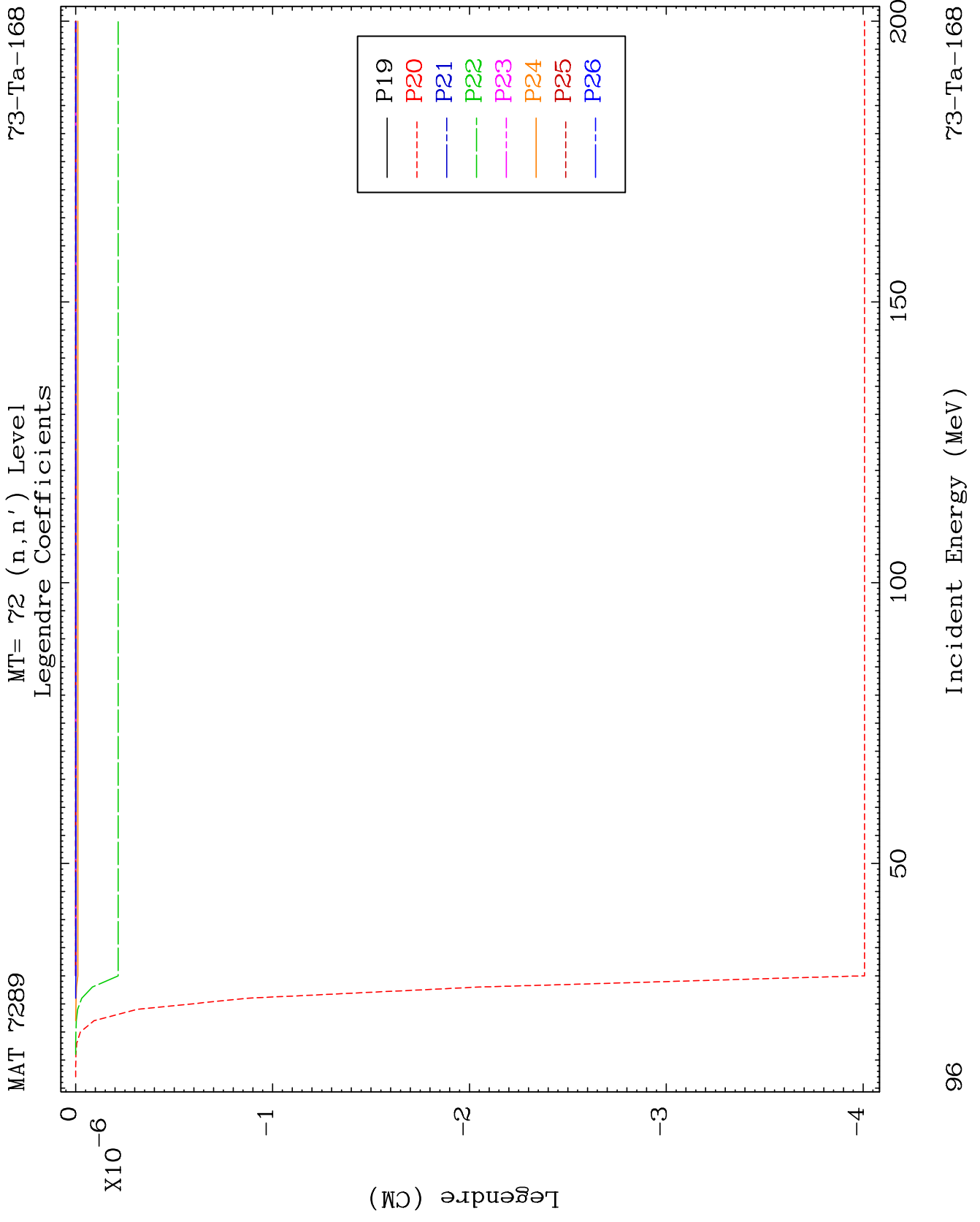
73-Ta-168



73-Ta-168

Incident Energy (MeV)

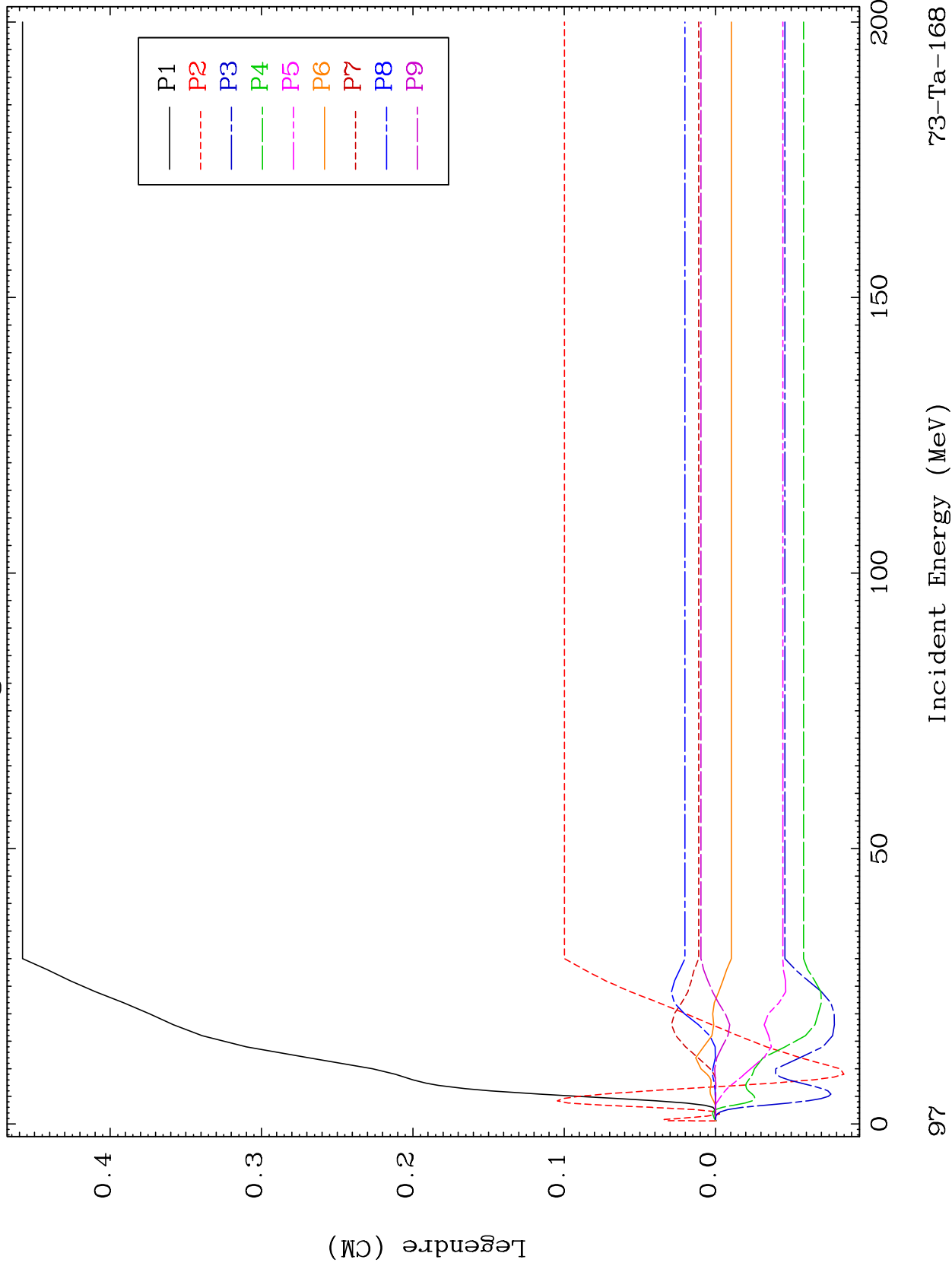
95

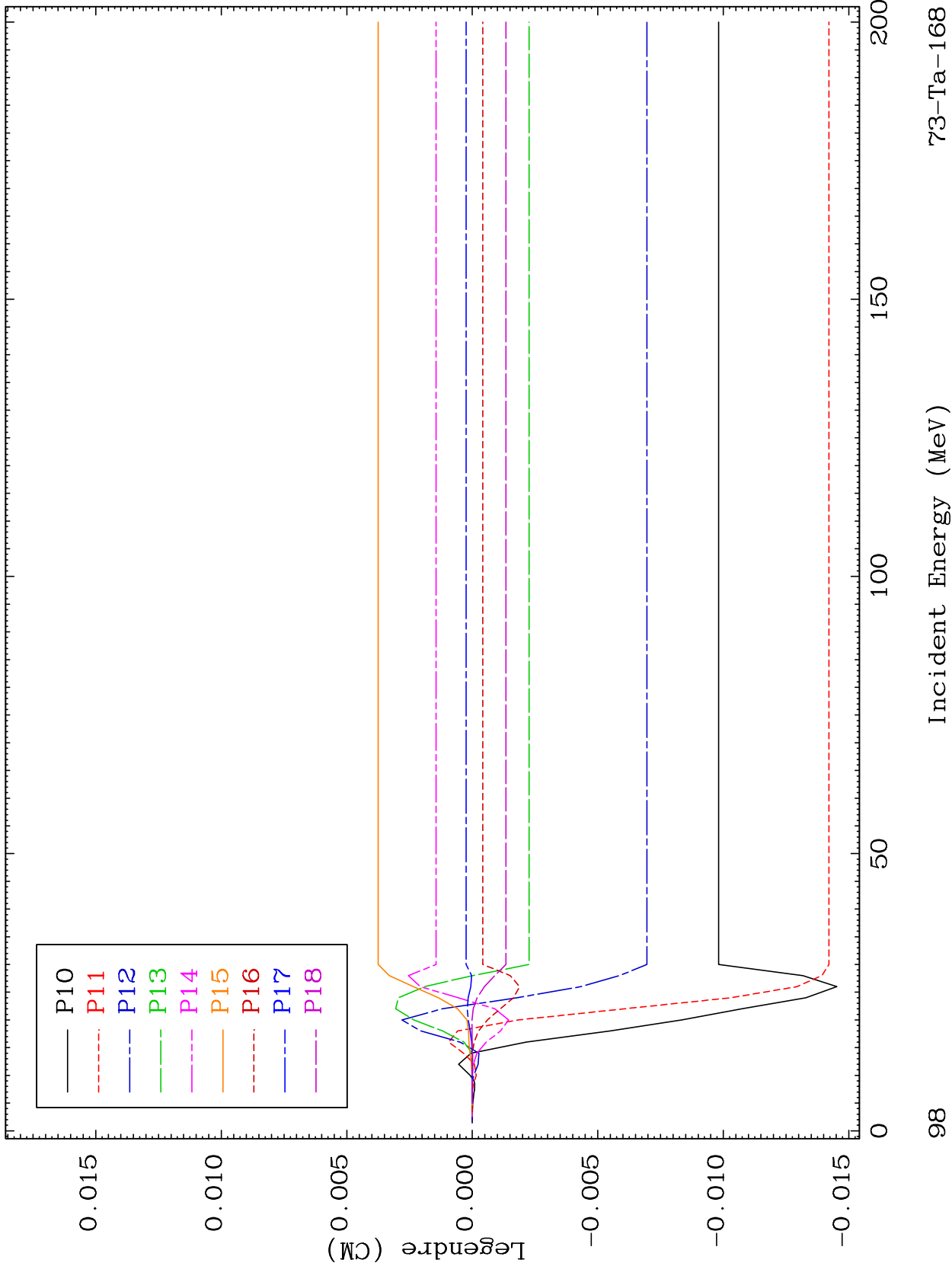


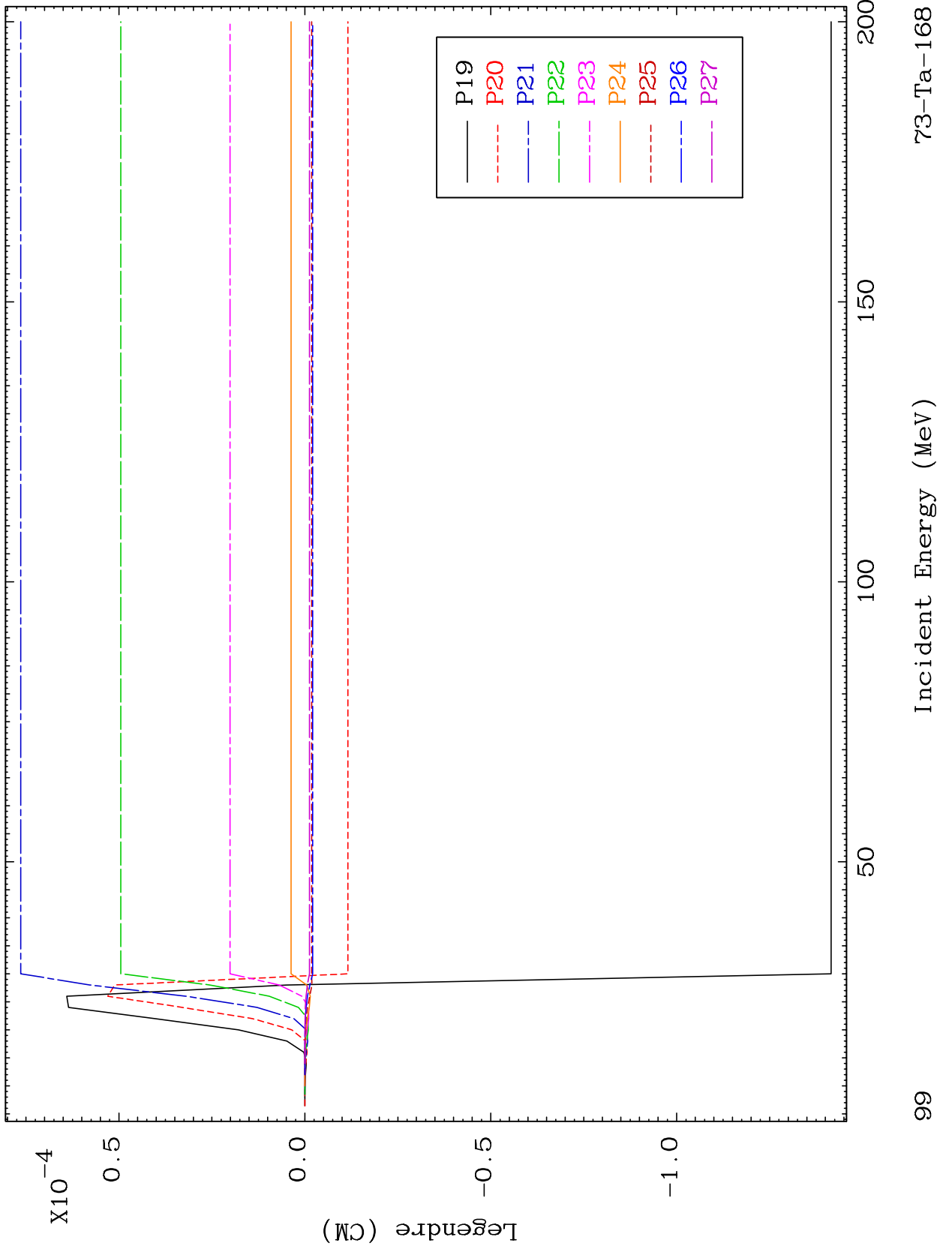
MAT 7289

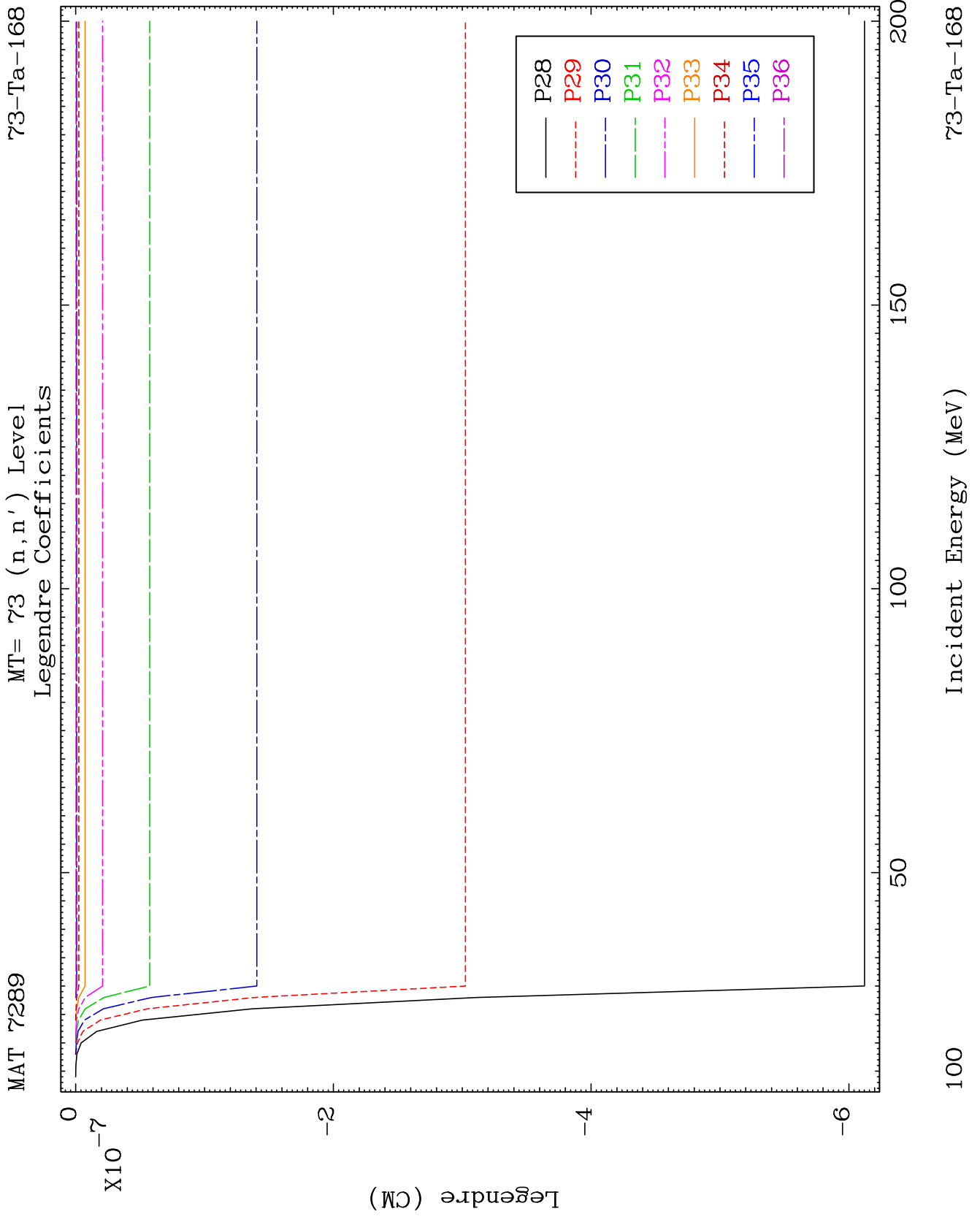
MT= 73 (n,n') Level
Legendre Coefficients

73-Ta-168





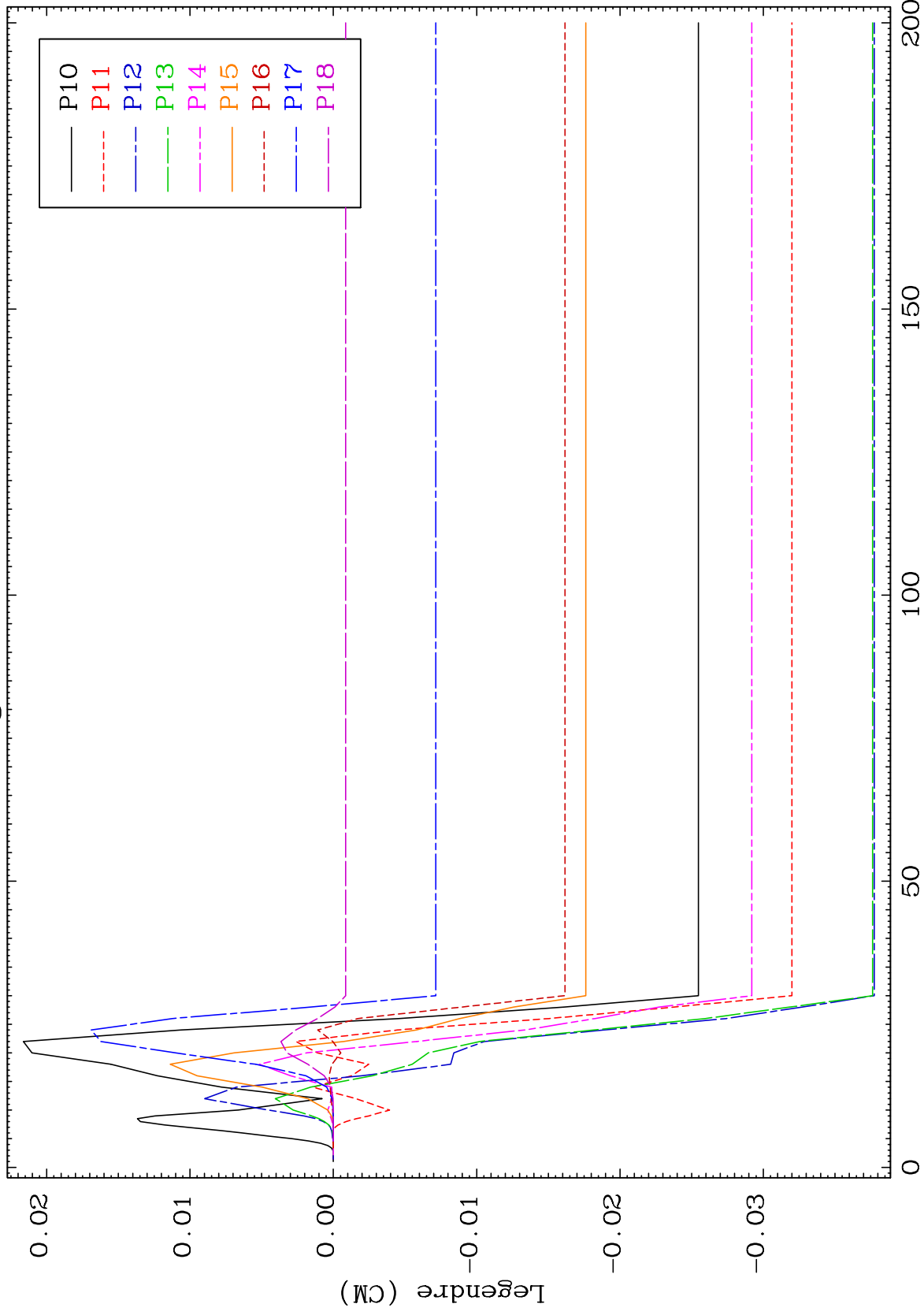




MAT 7289

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

73-Ta-168



102

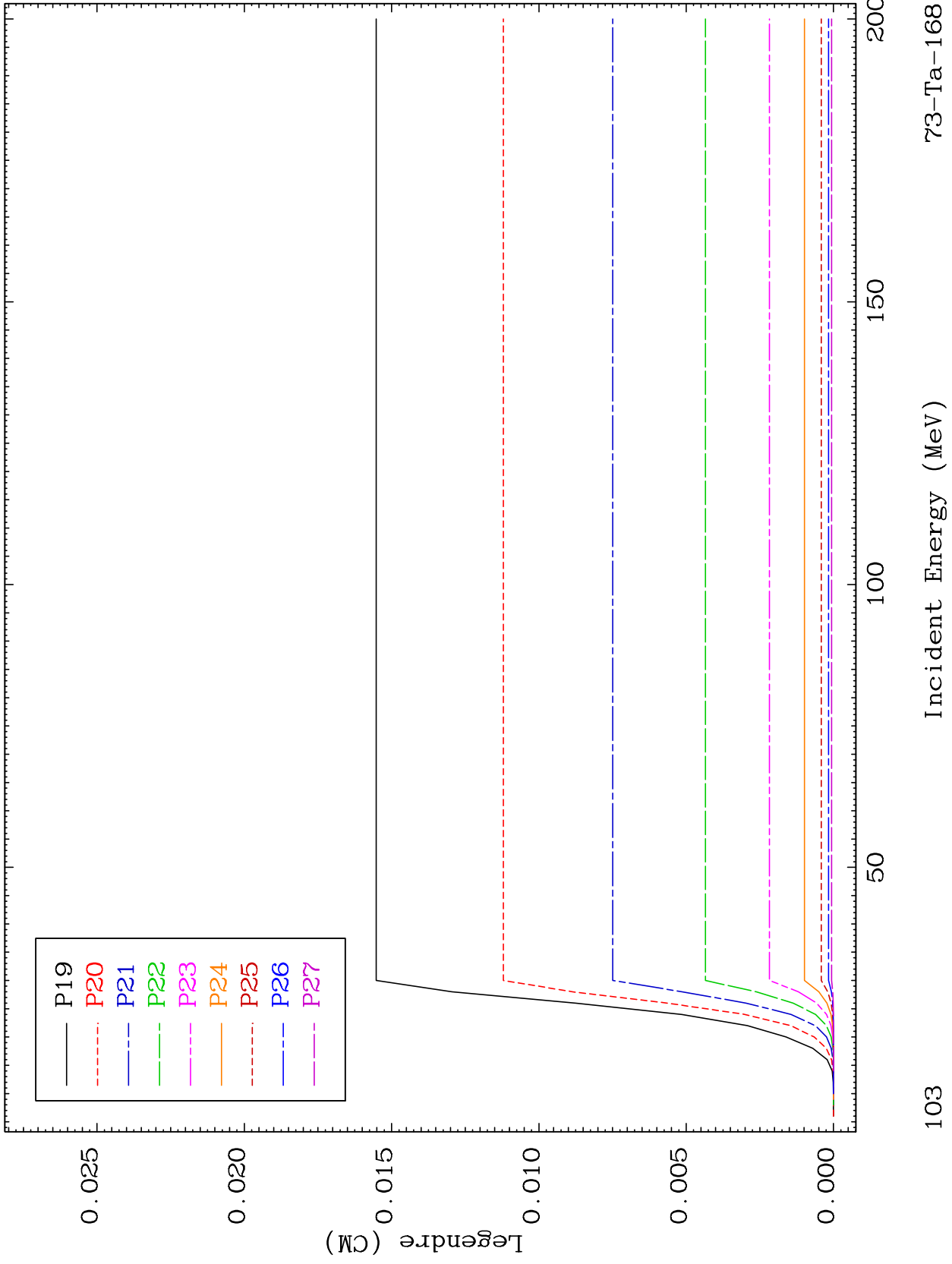
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



103

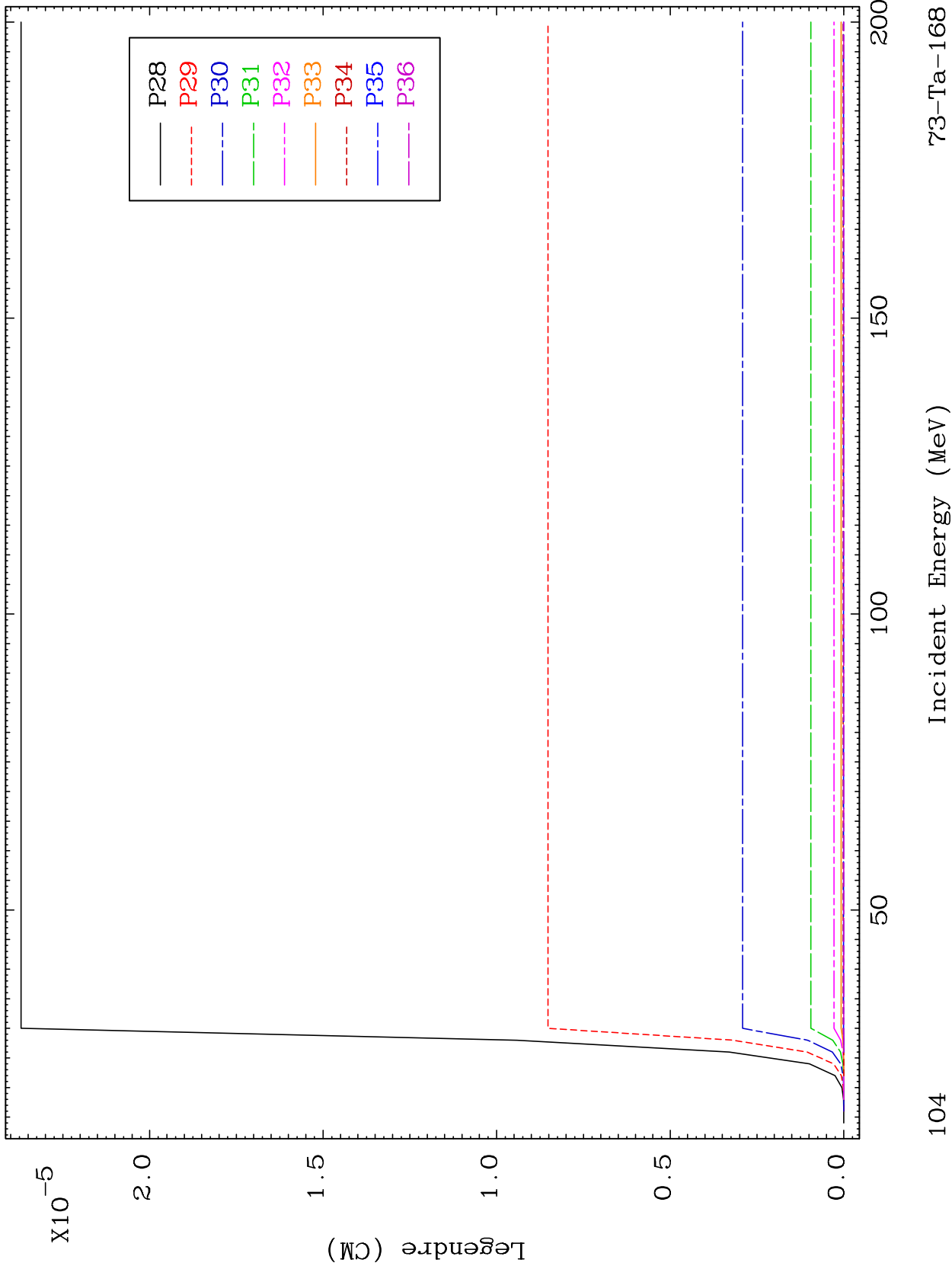
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

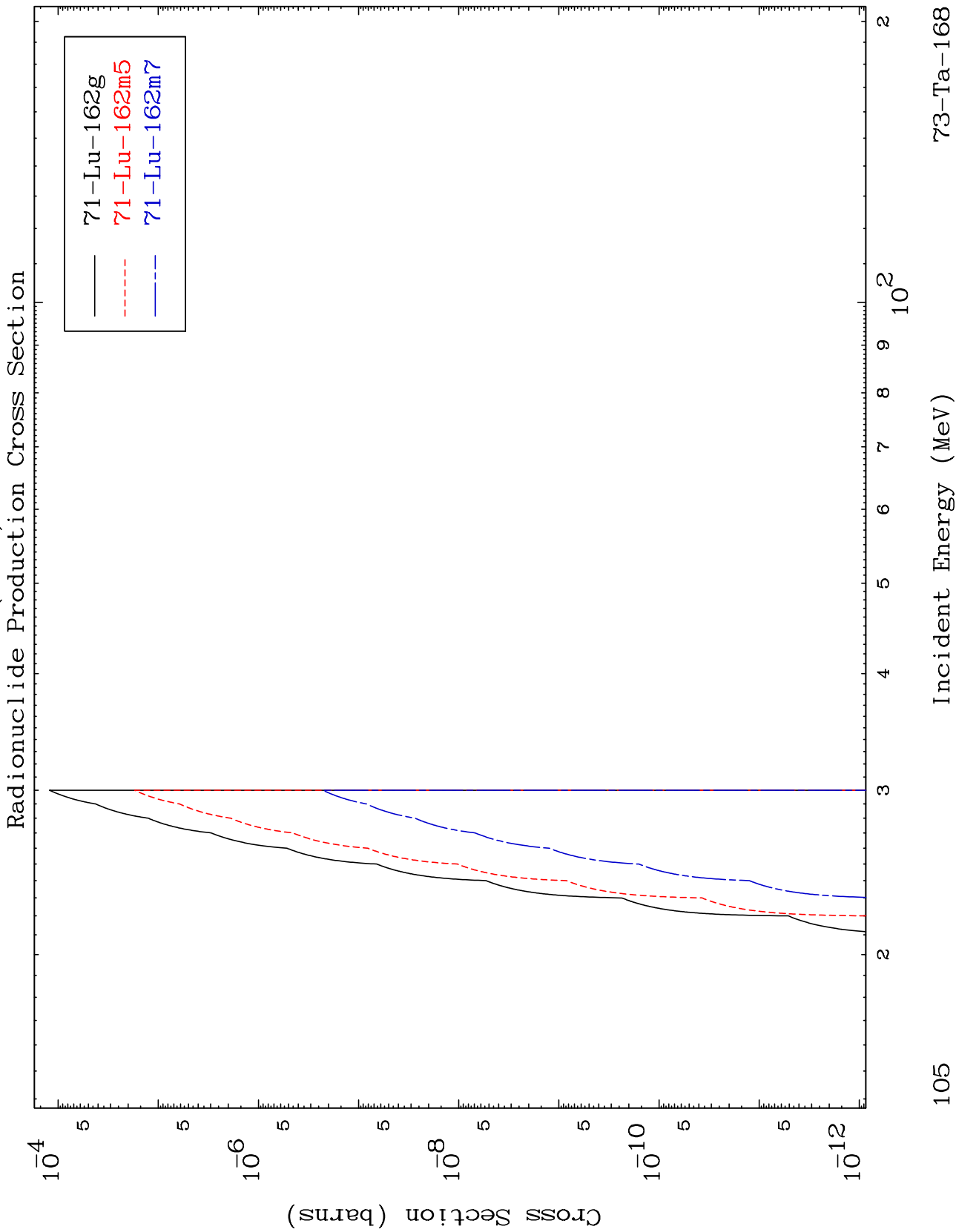
73-Ta-168



104

Incident Energy (MeV)

73-Ta-168

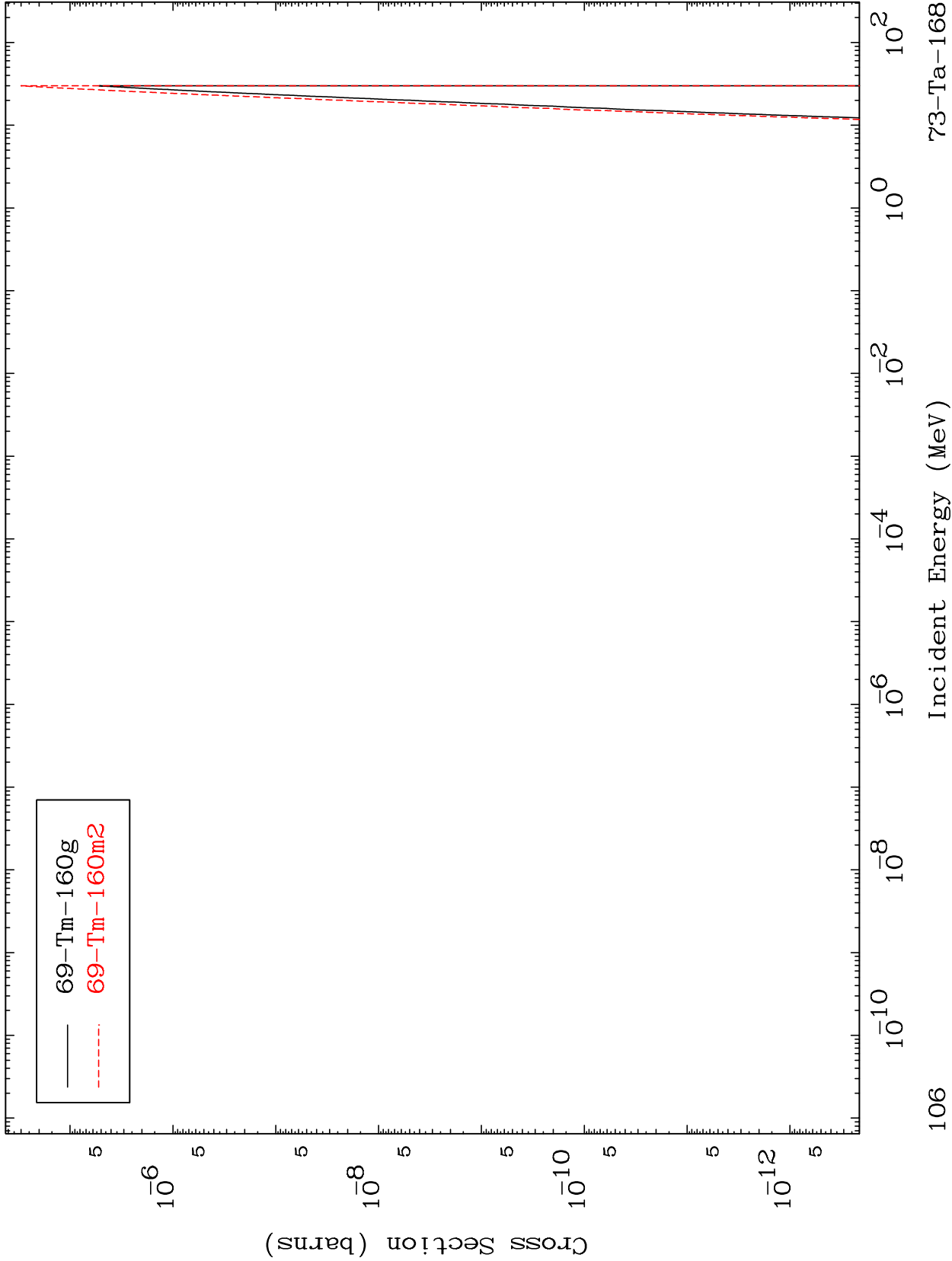


MAT 7289

(n,n') 2α

73-Ta-168

Radionuclide Production Cross Section



106

Incident Energy (MeV)

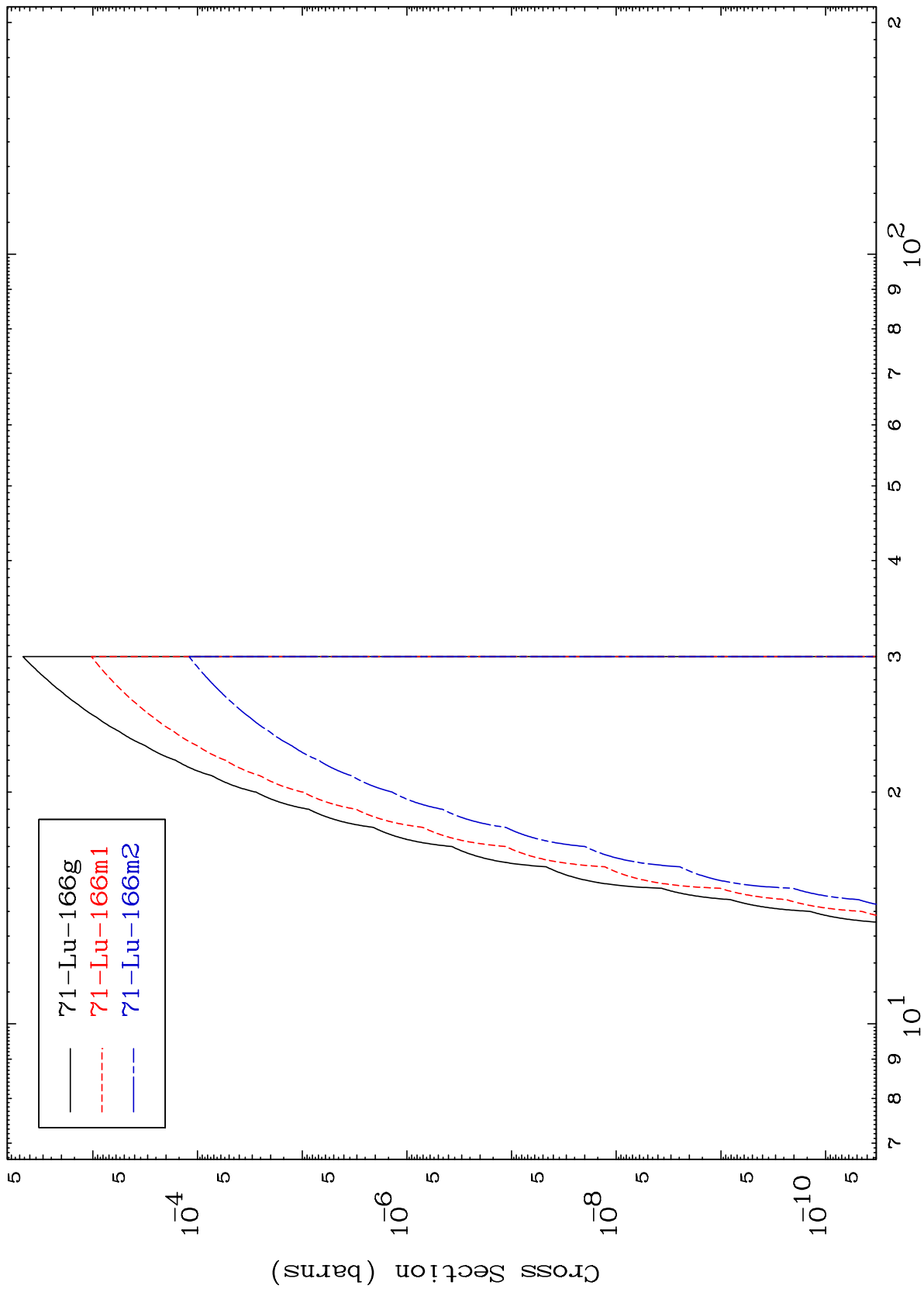
73-Ta-168

MAT 7289

(n,2n) p

73-Ta-168

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-168

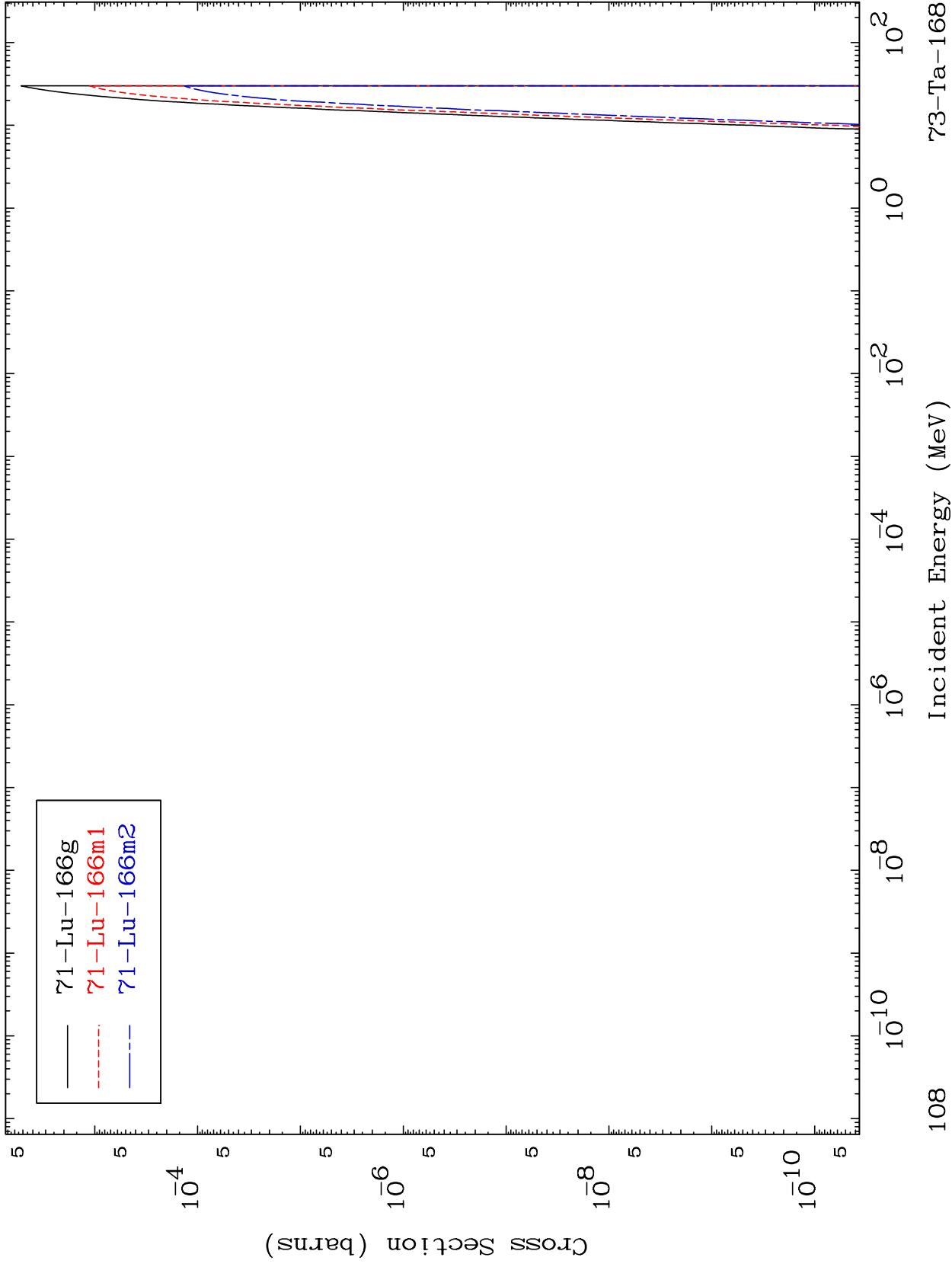
107

MAT 7289

(n,He-3)

⁷³Ta-168

Radionuclide Production Cross Section

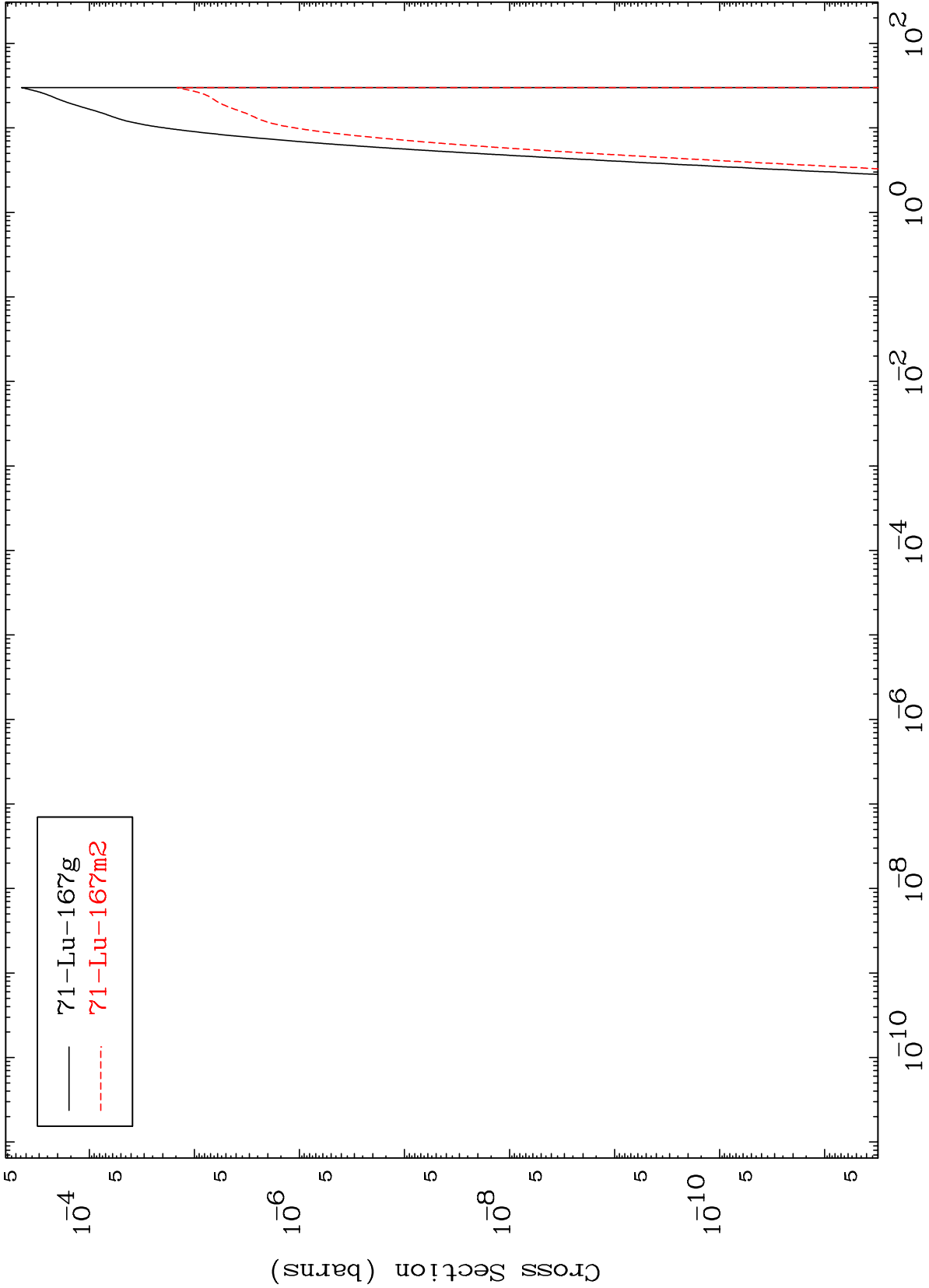


MAT 7289

(n,2p)

73-Ta-168

Radionuclide Production Cross Section

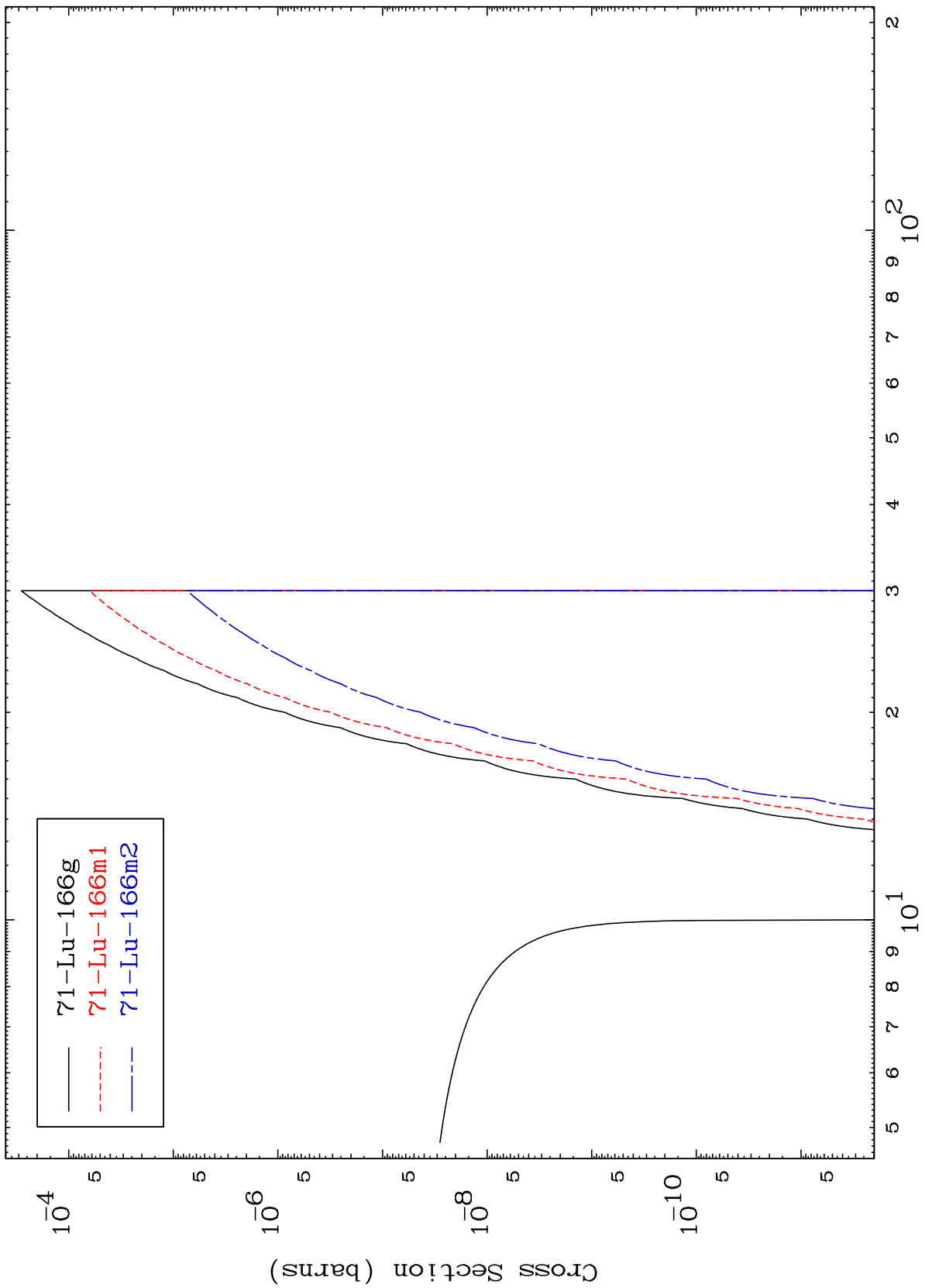


109

Incident Energy (MeV)

73-Ta-168

Radionuclide Production Cross Section



71-Lu-166g
71-Lu-166m1
71-Lu-166m2