

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

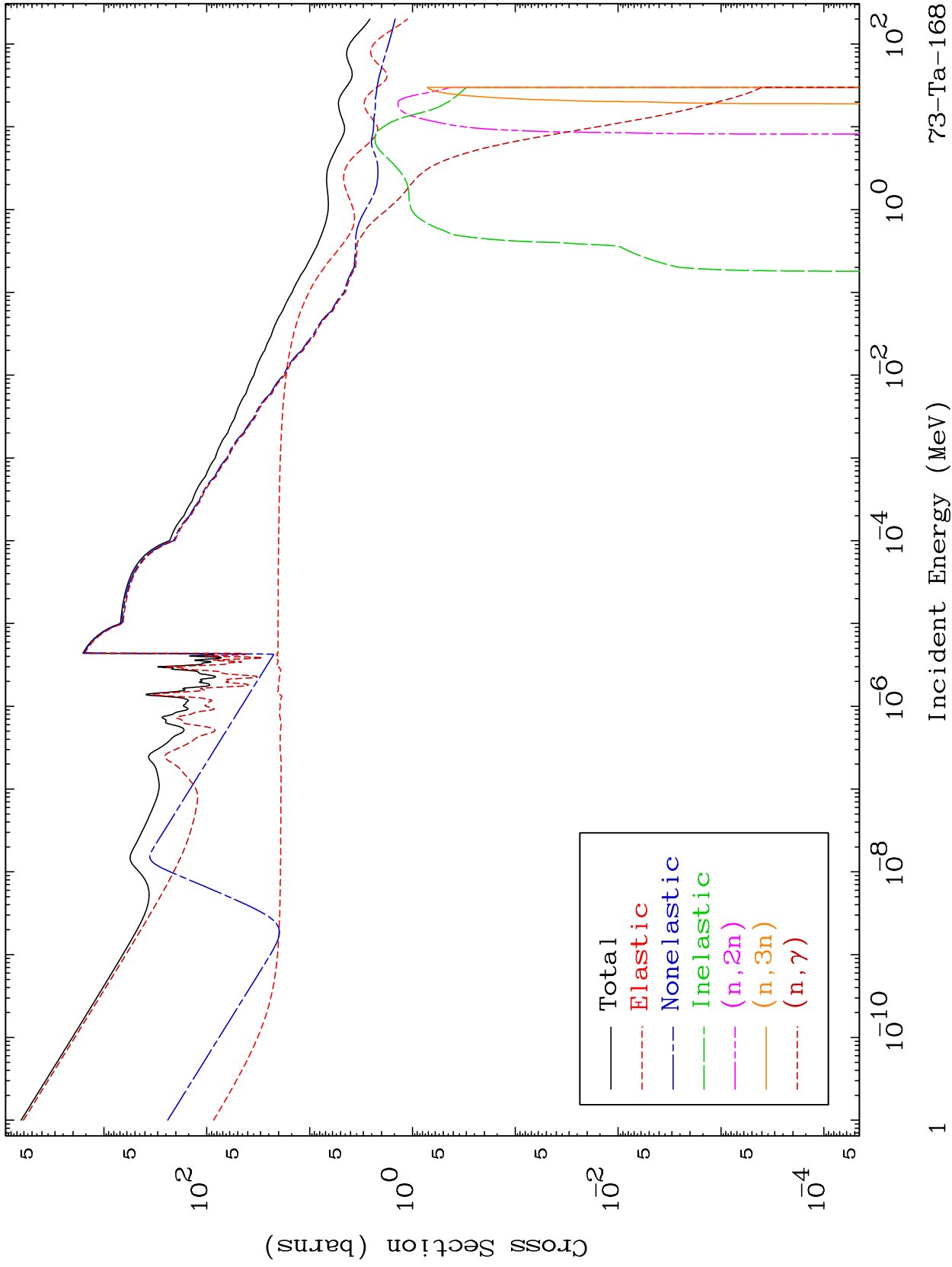
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7289

Neutron Major
293 Kelvin Cross Sections

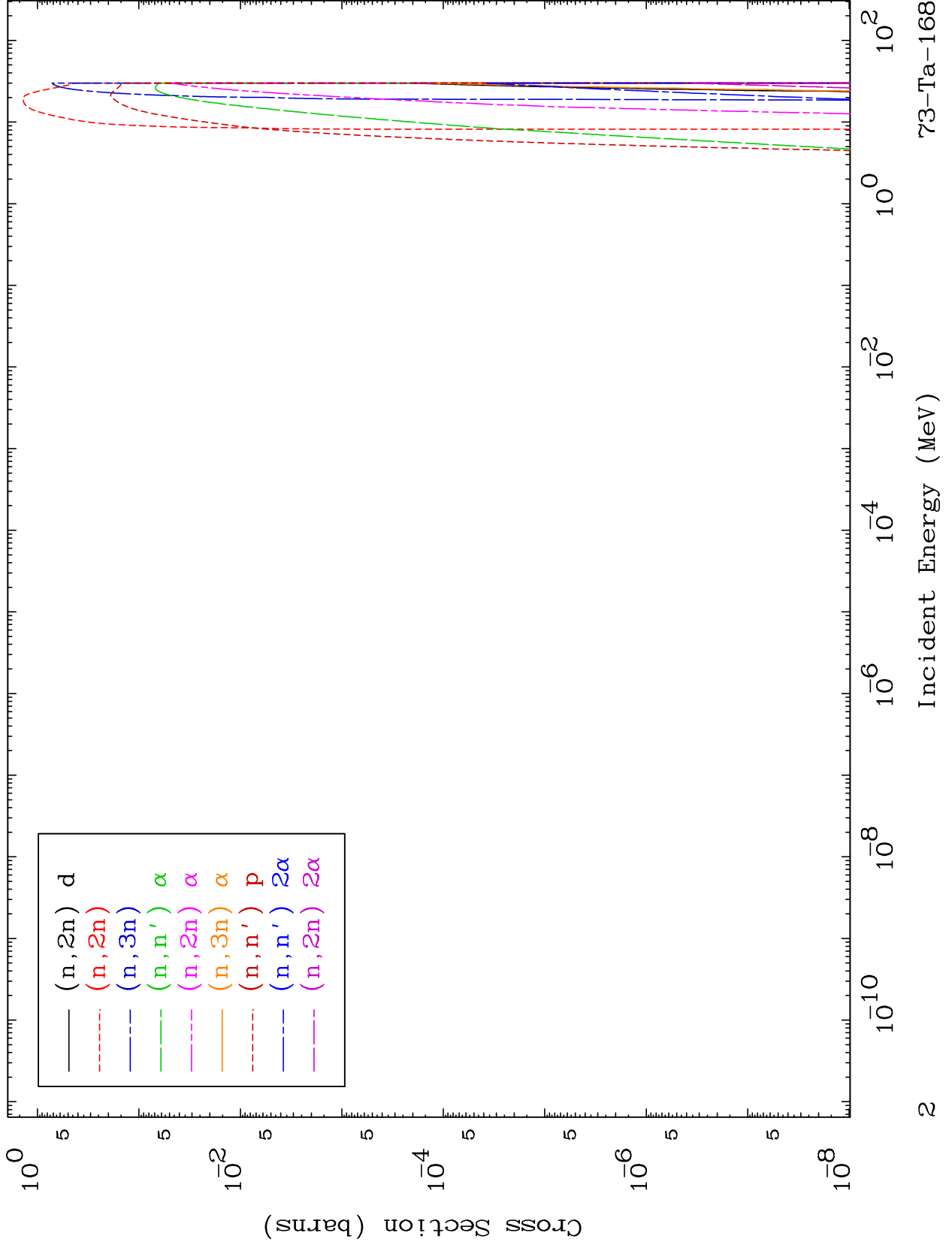
73-Ta-168



MAT 7289

Neutron Absorption
293 Kelvin Cross Sections

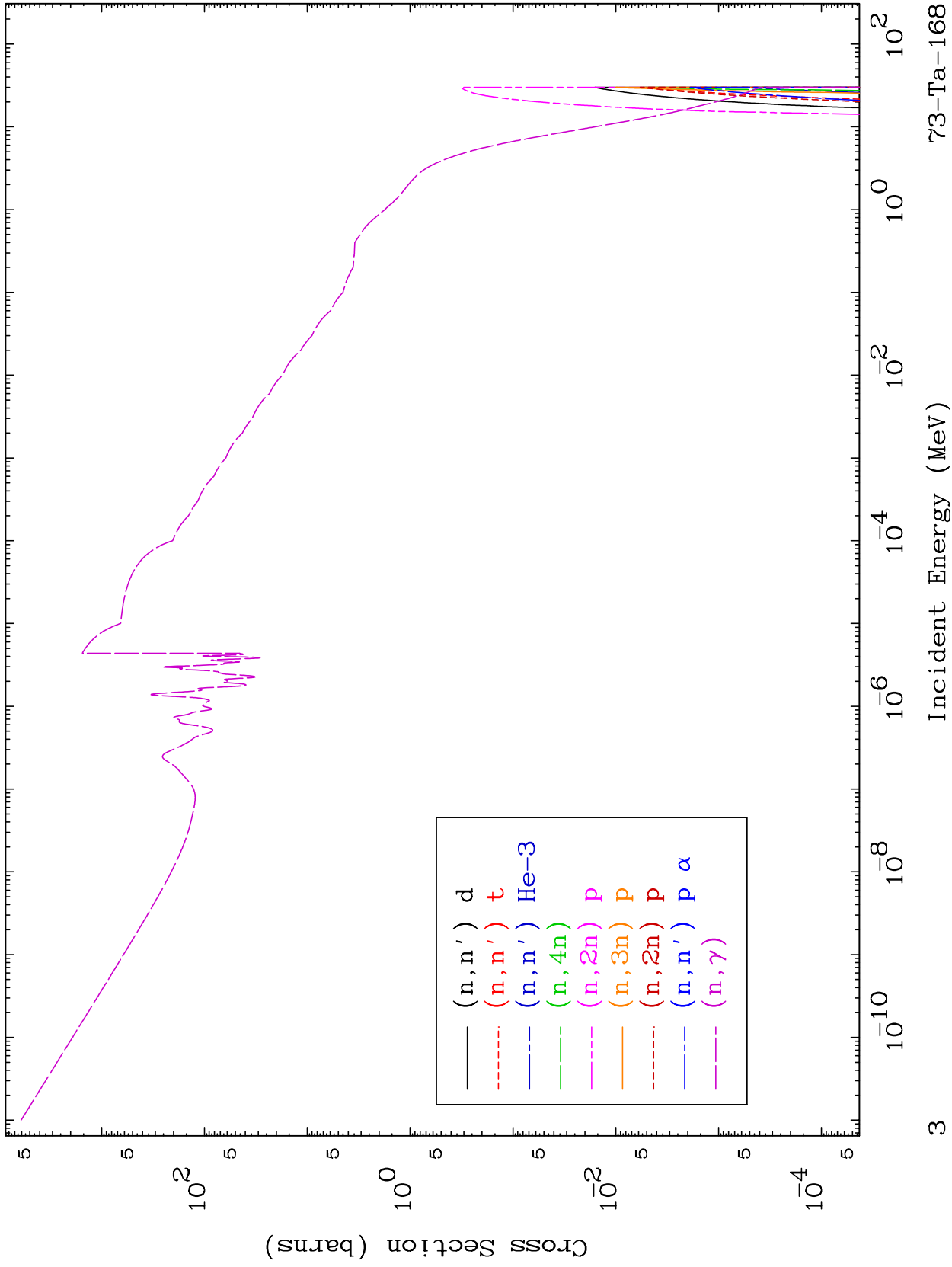
73-Ta-168



MAT 7289

Neutron Absorption
293 Kelvin Cross Sections

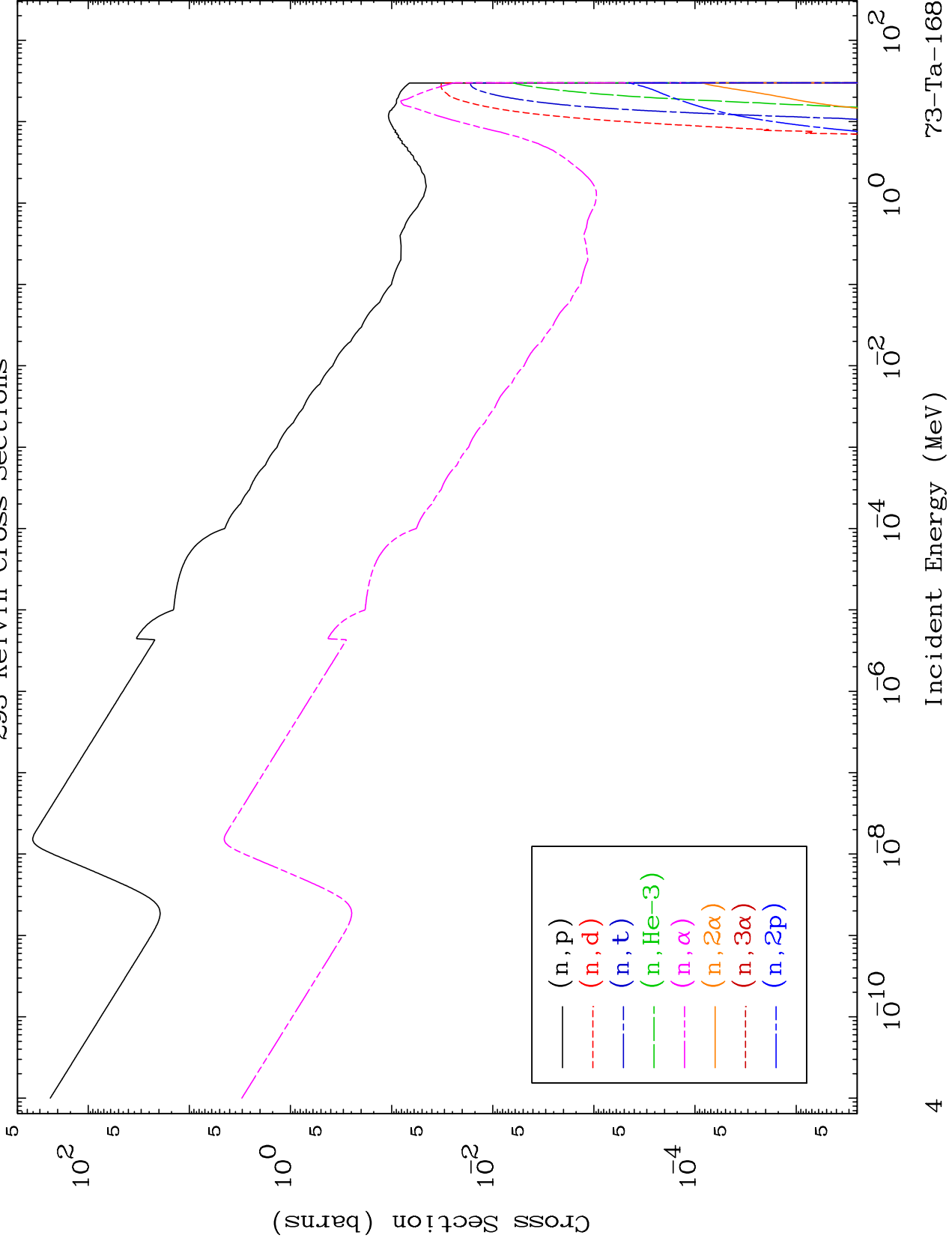
73-Ta-168

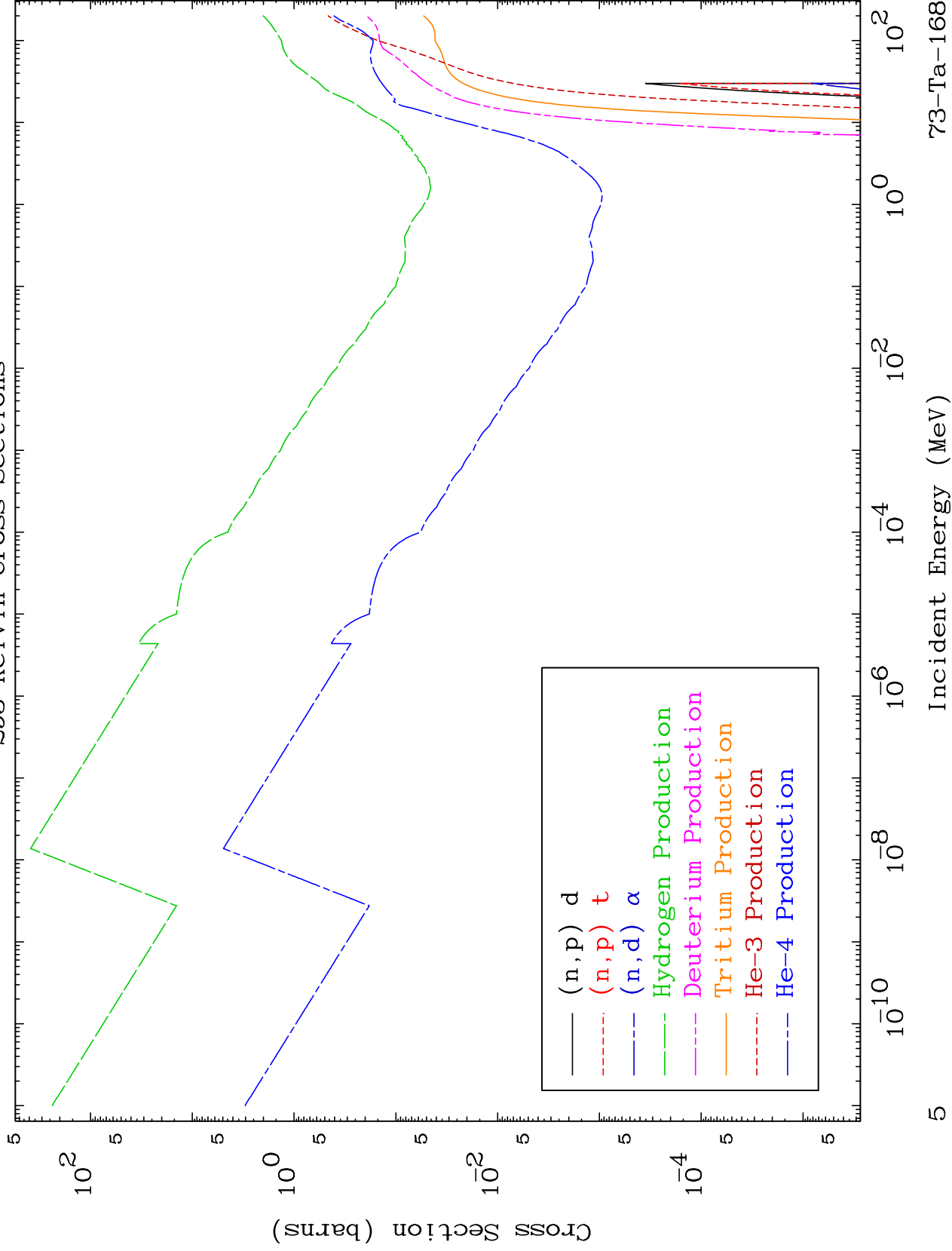


MAT 7289

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-168

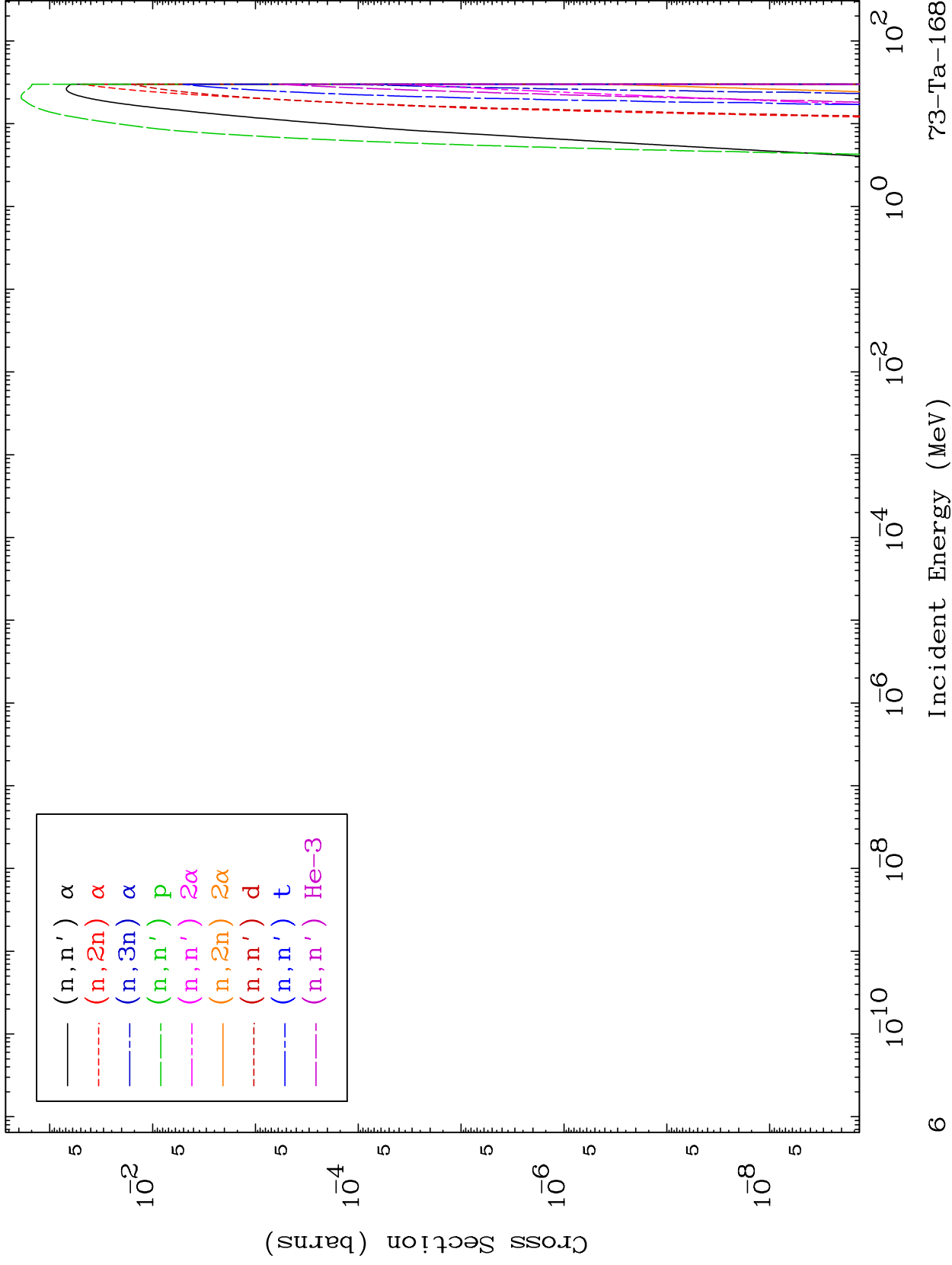




MAT 7289

Charged Particle
293 Kelvin Cross Sections

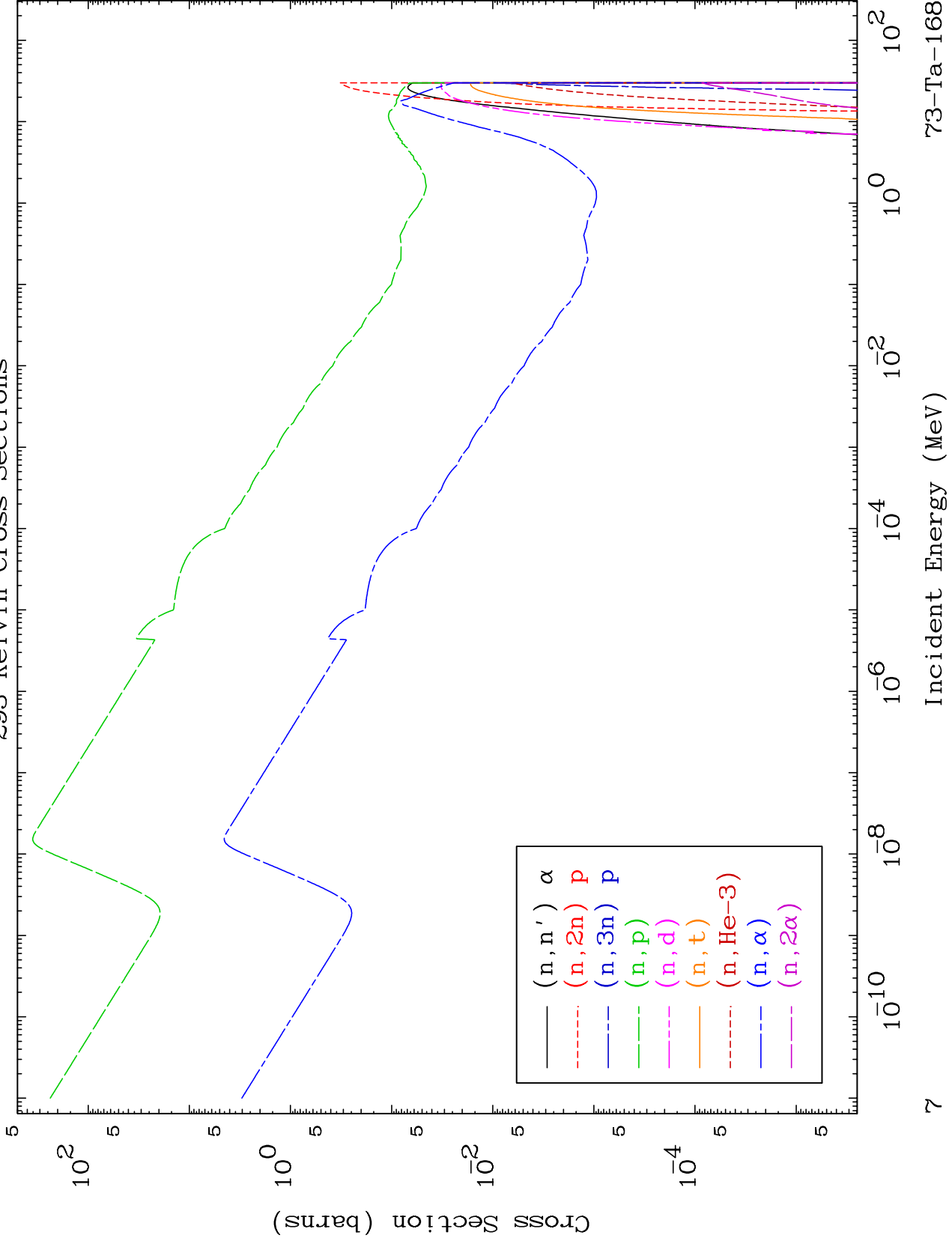
73-Ta-168



MAT 7289

Charged Particle
293 Kelvin Cross Sections

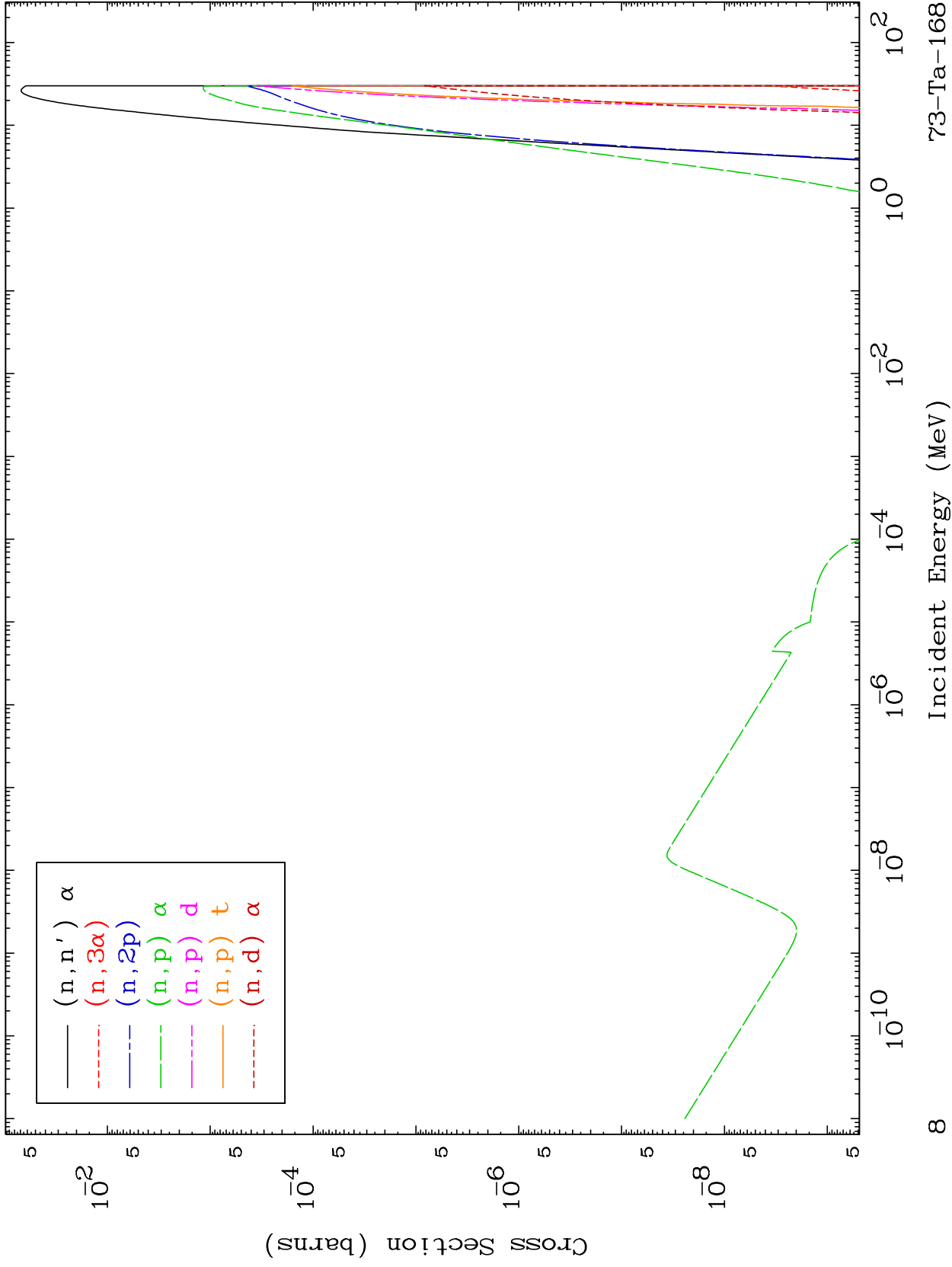
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MAT 7289

Charged Particle
293 Kelvin Cross Sections

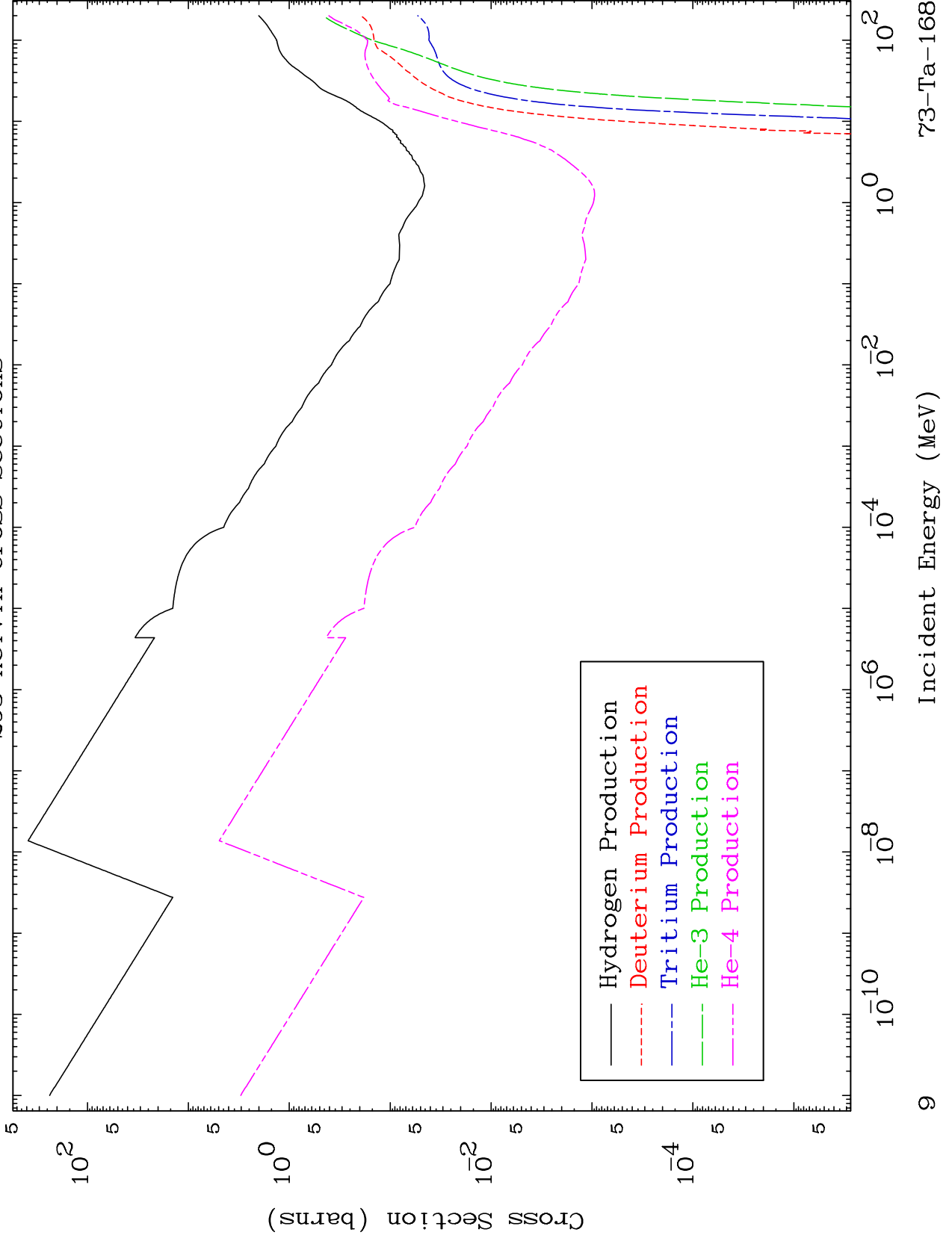
73-Ta-168



MAT 7289

Particle Production
293 Kelvin Cross Sections

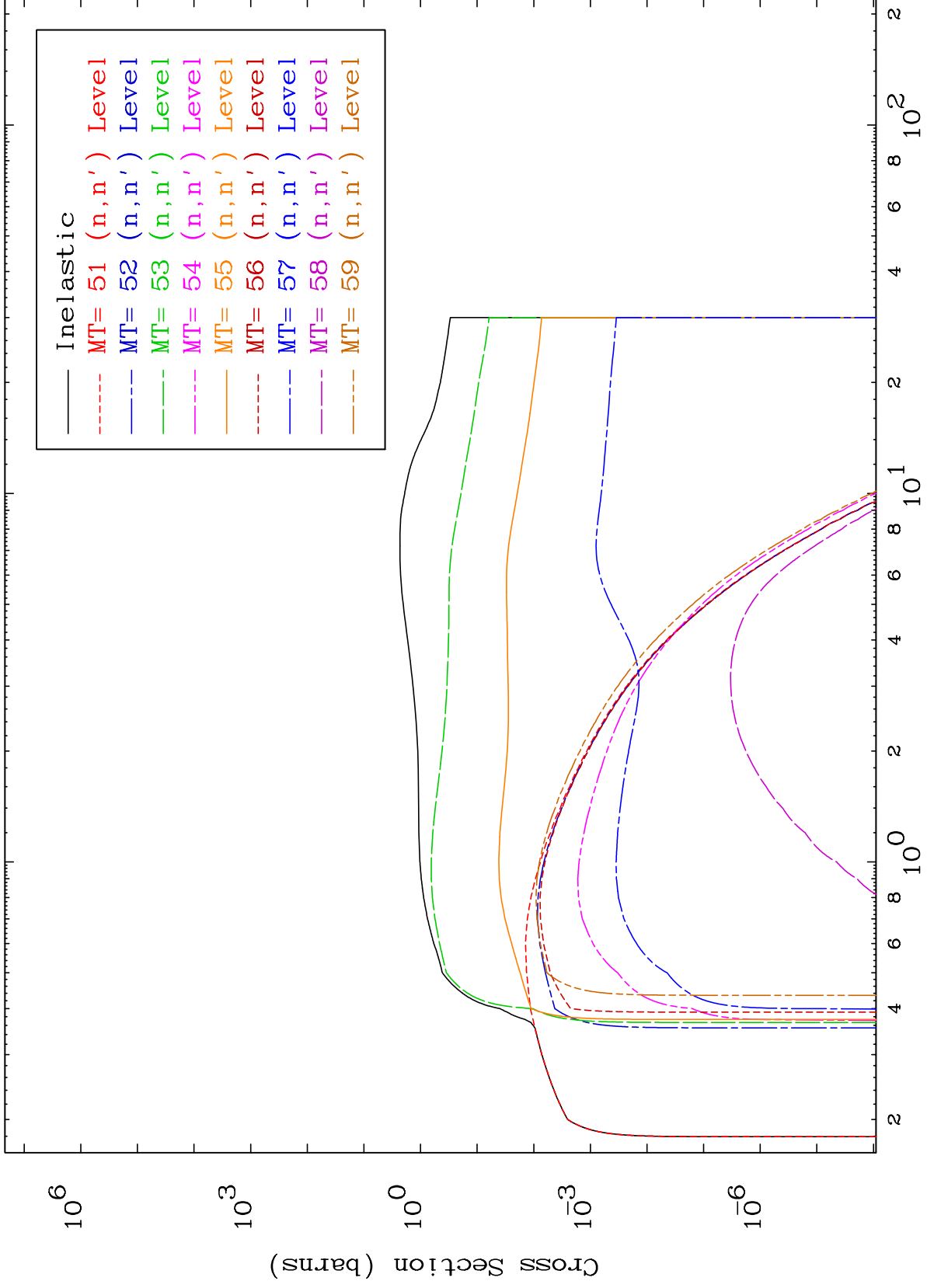
73-Ta-168



MAT 7289

(n,n') Levels
293 Kelvin Cross Sections

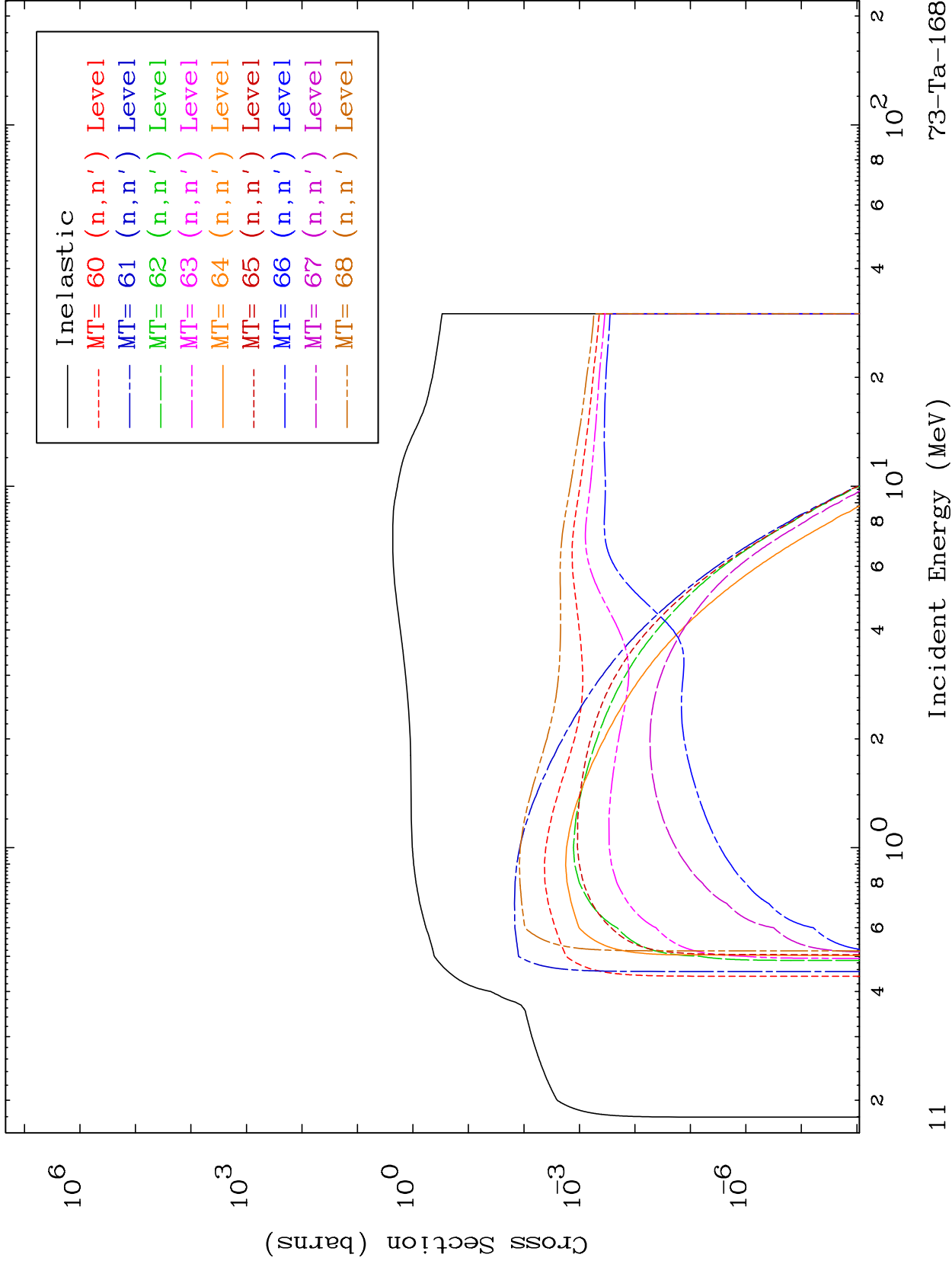
73-Ta-168



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Incident Energy (MeV)

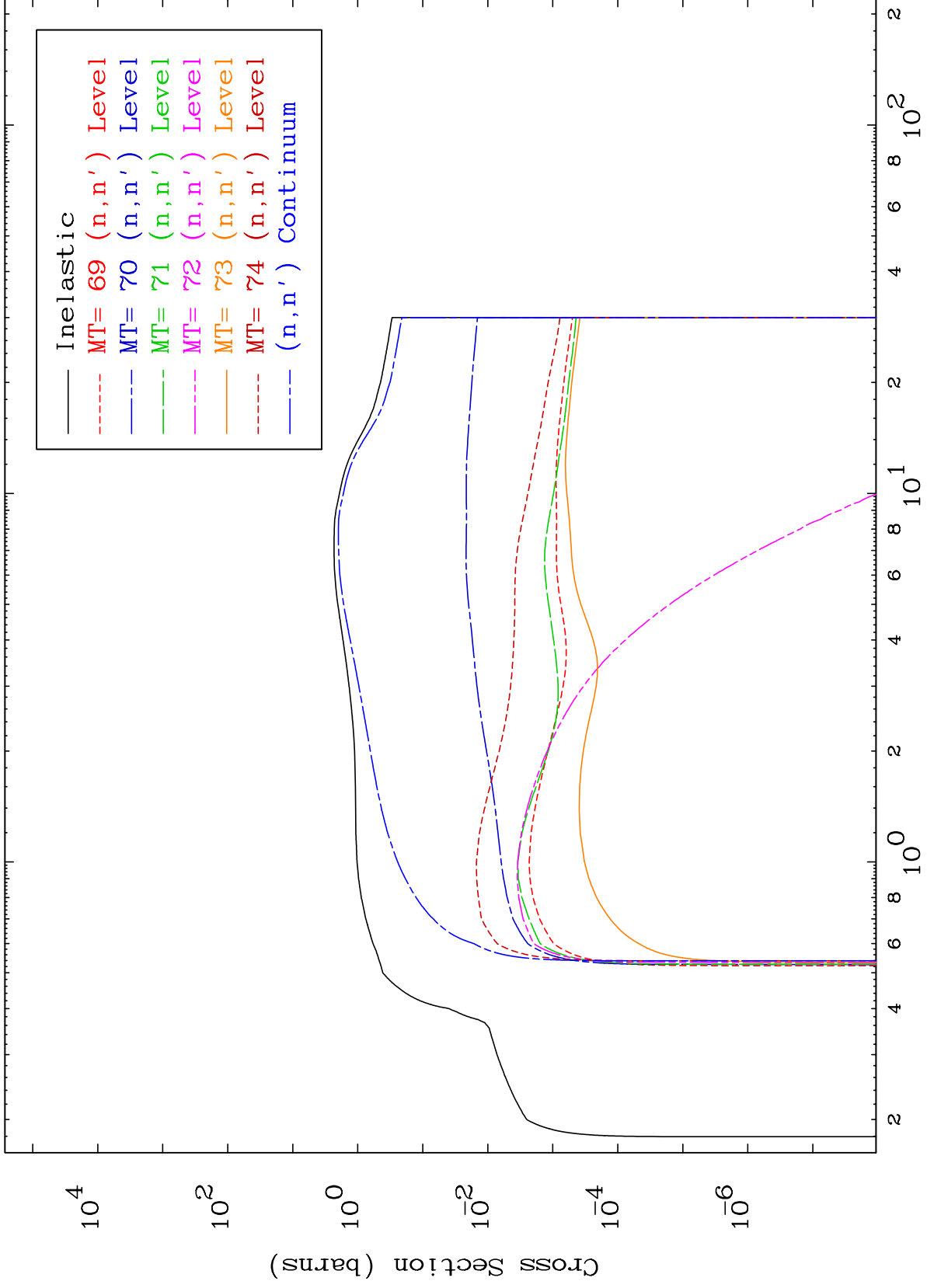
73-Ta-168



MAT 7289

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-168



12

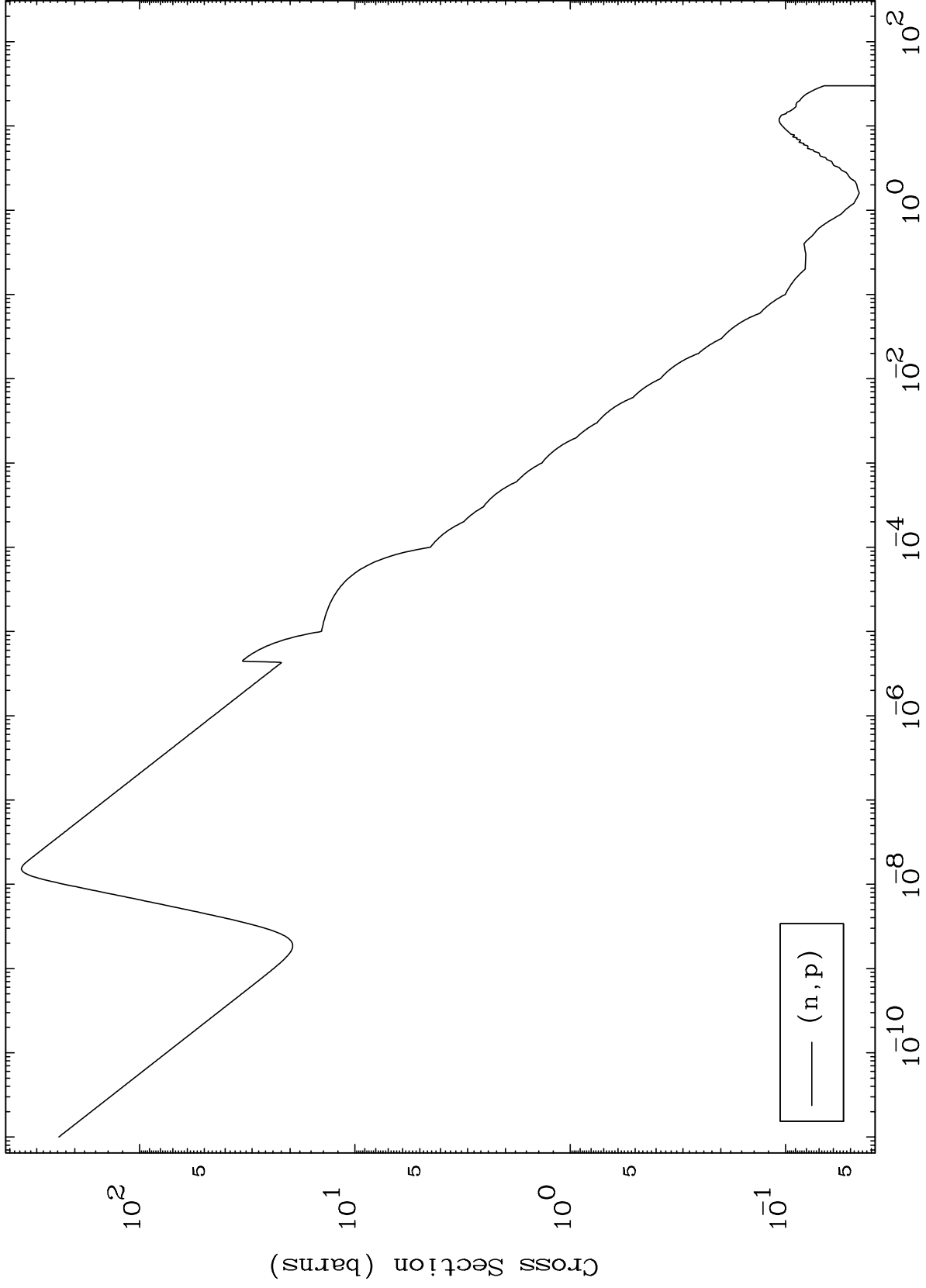
Incident Energy (MeV)

73-Ta-168

MAT 7289

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-168



13

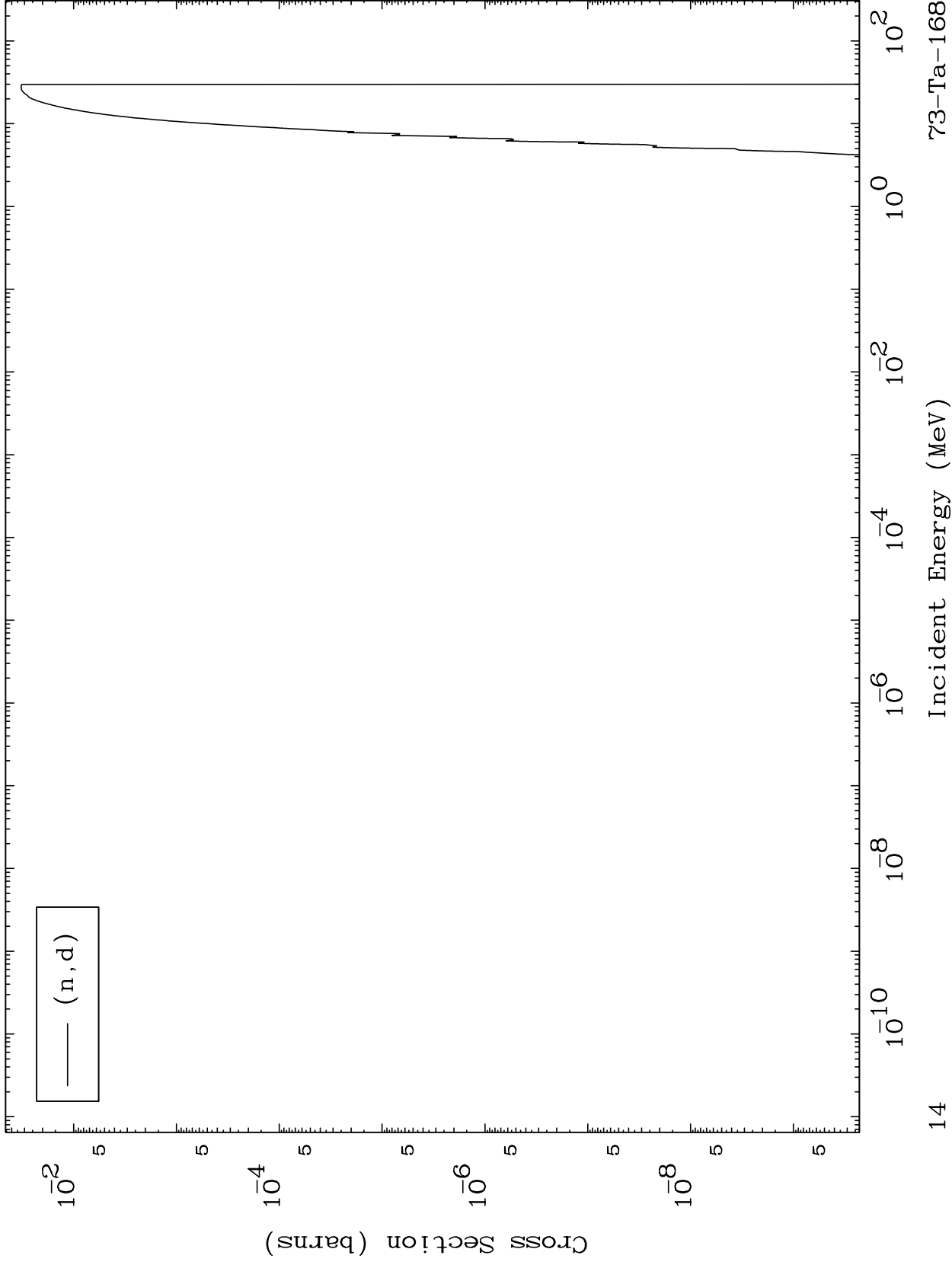
Incident Energy (MeV)

73-Ta-168

MAT 7289

(n,d) Levels
293 Kelvin Cross Sections

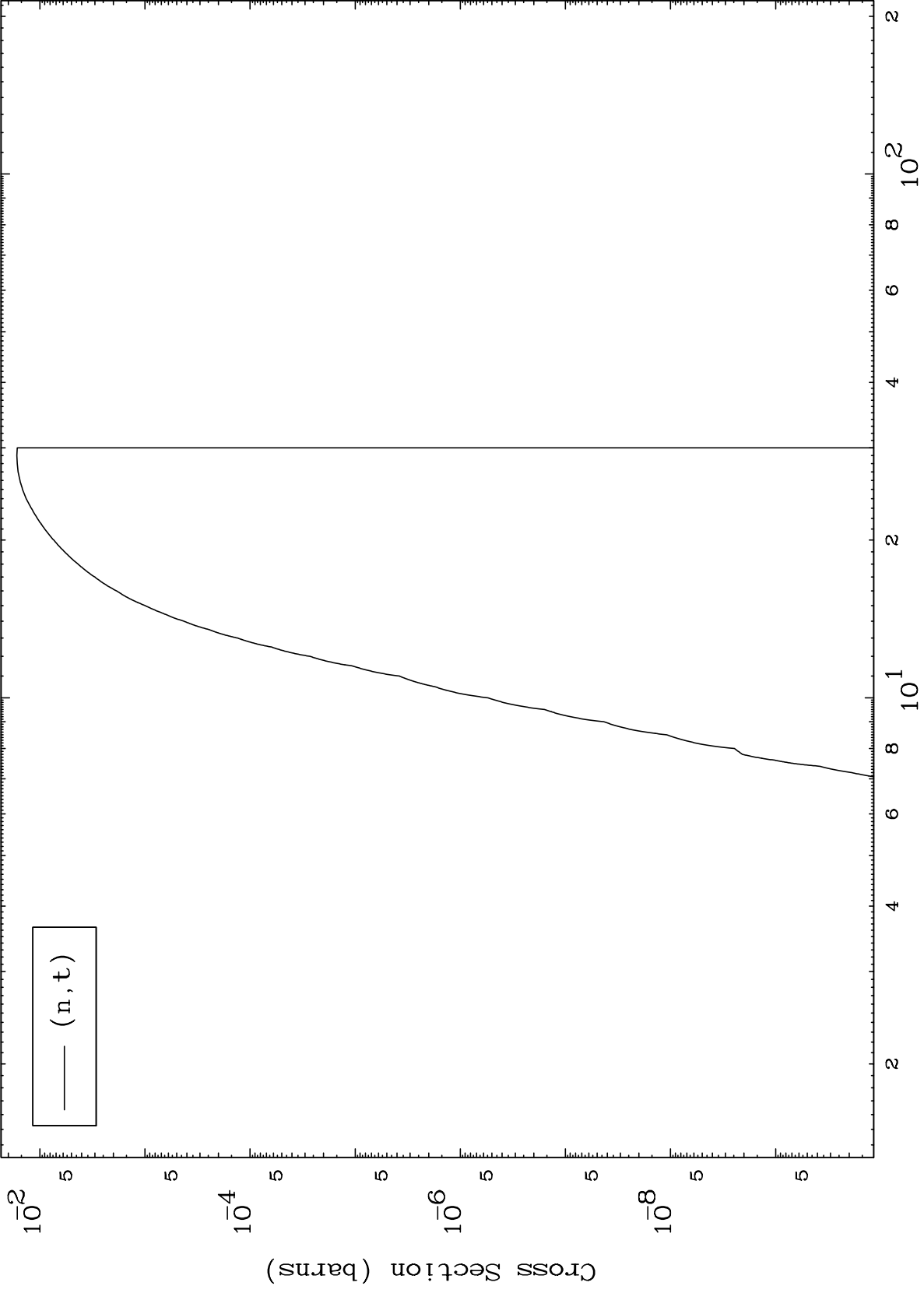
73-Ta-168



MAT 7289

(n,t) Levels
293 Kelvin Cross Sections

⁷³Ta-168



15

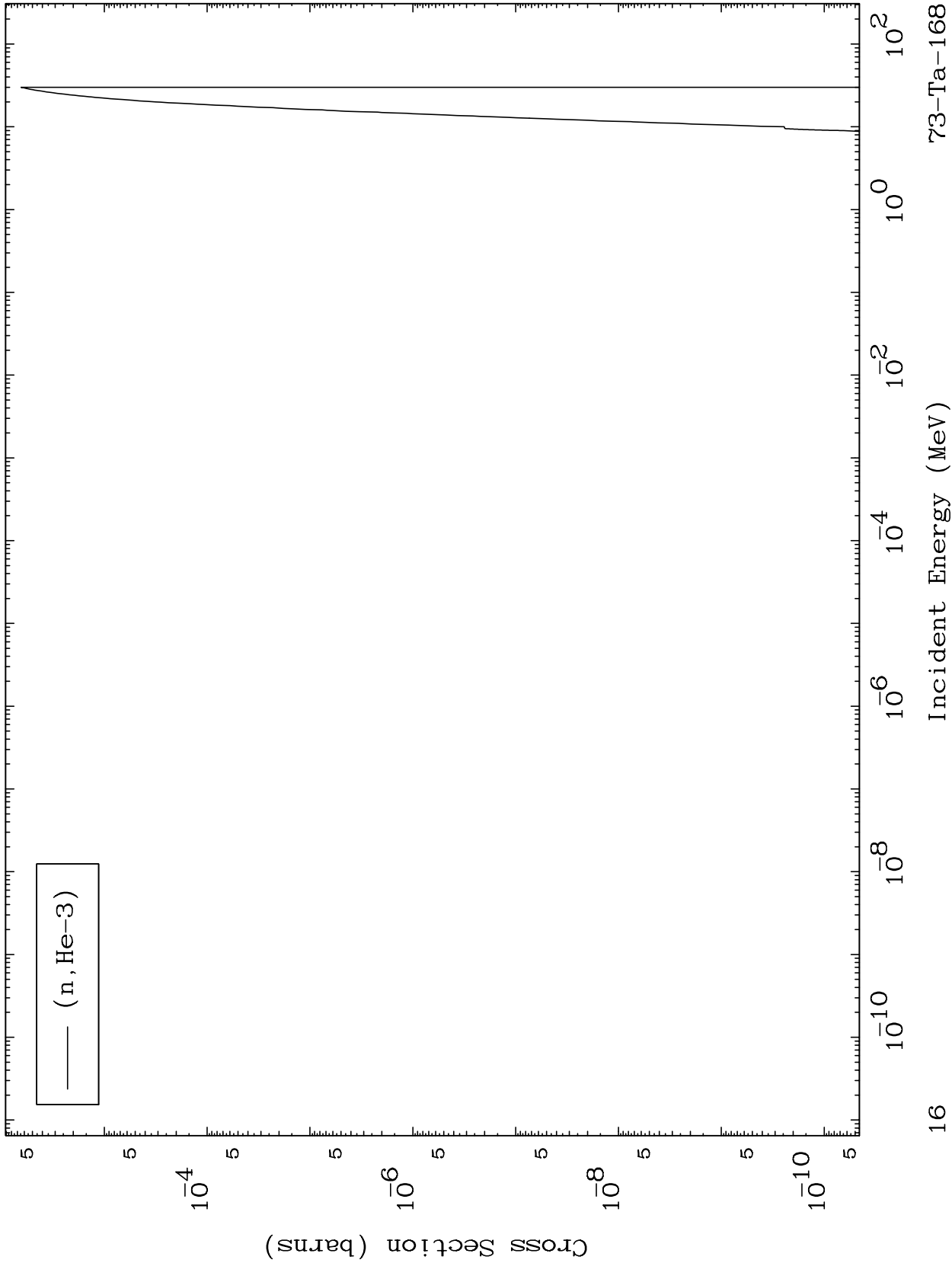
Incident Energy (MeV)

⁷³Ta-168

MAT 7289

(n,He3) Levels
293 Kelvin Cross Sections

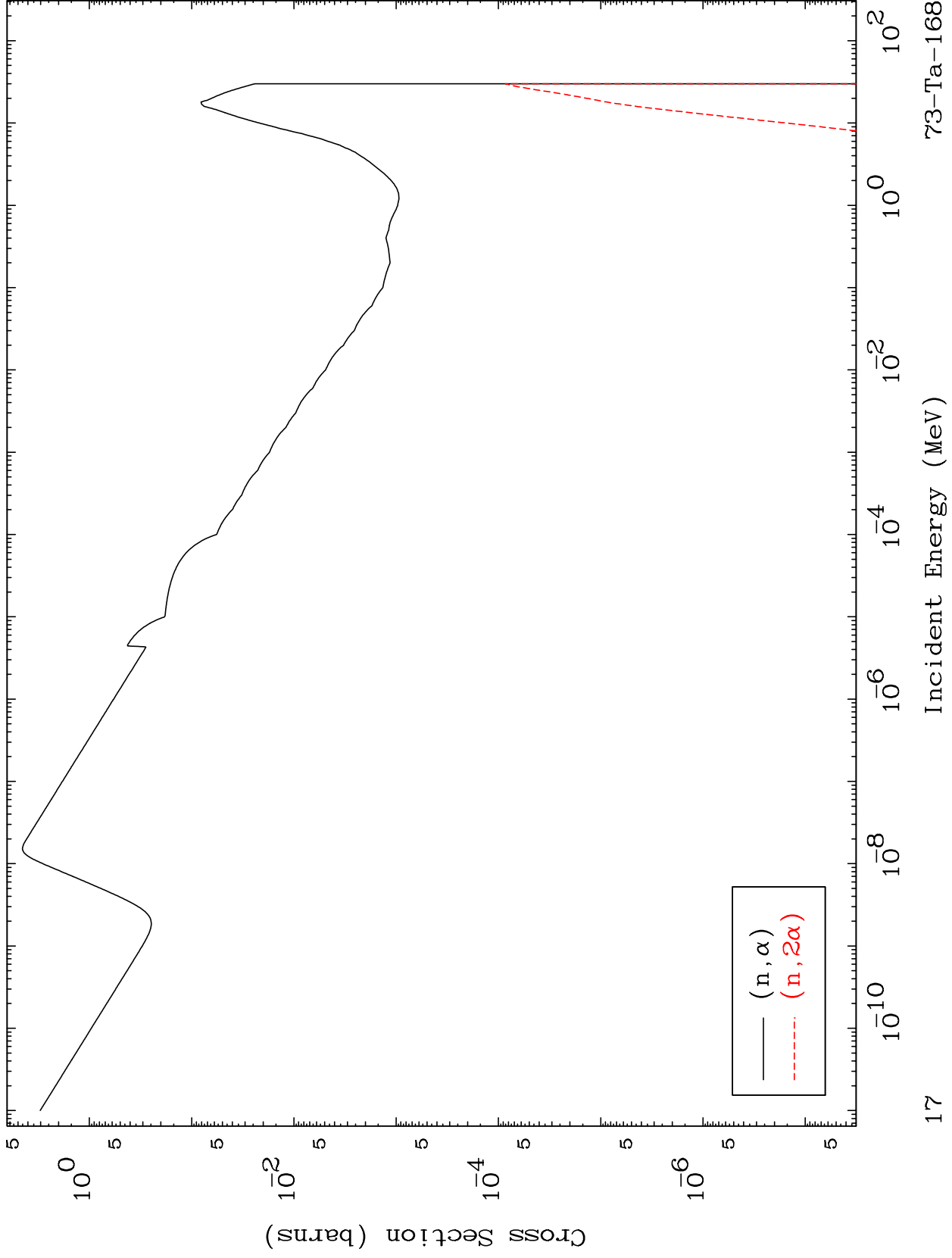
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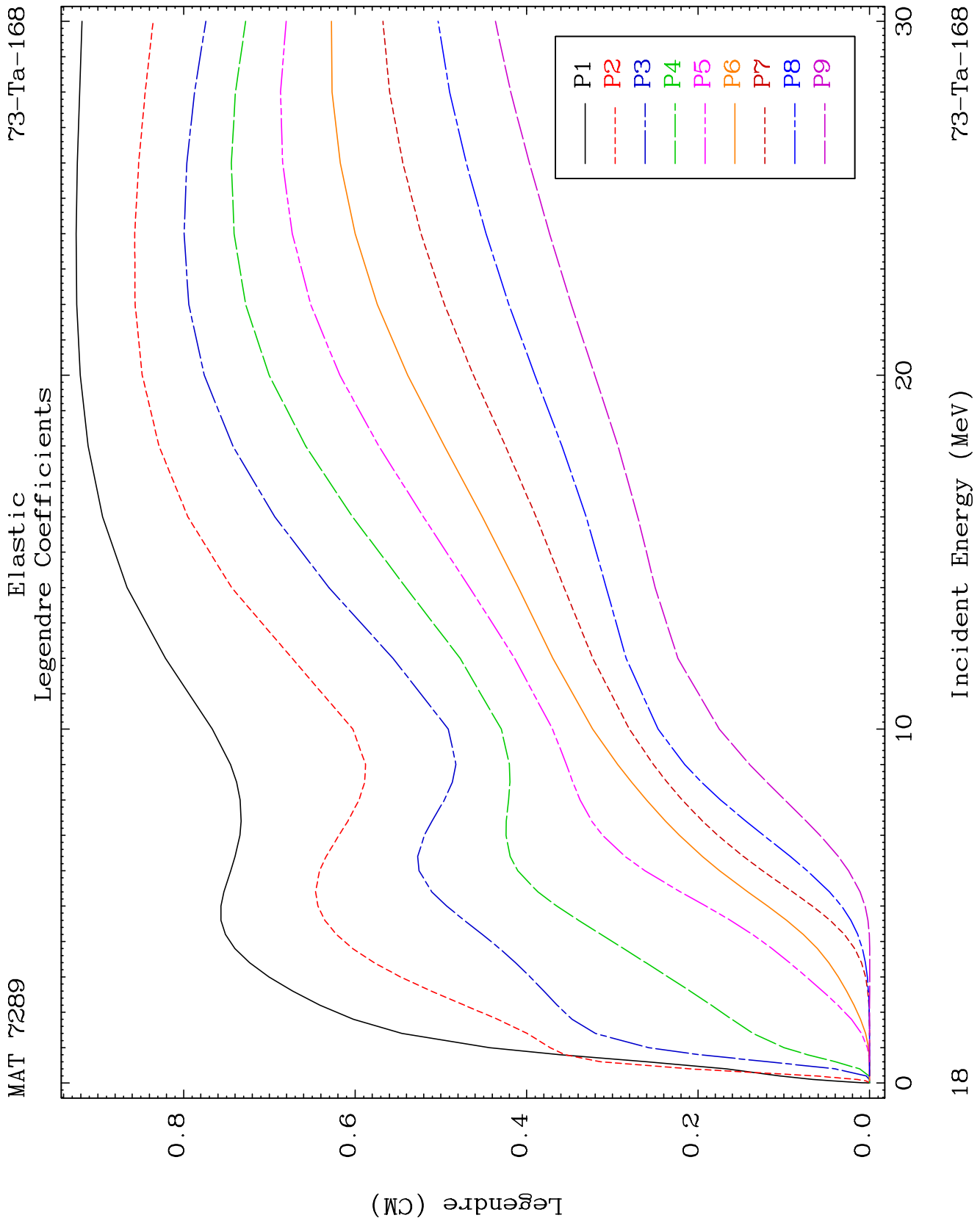


MAT 7289

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-168

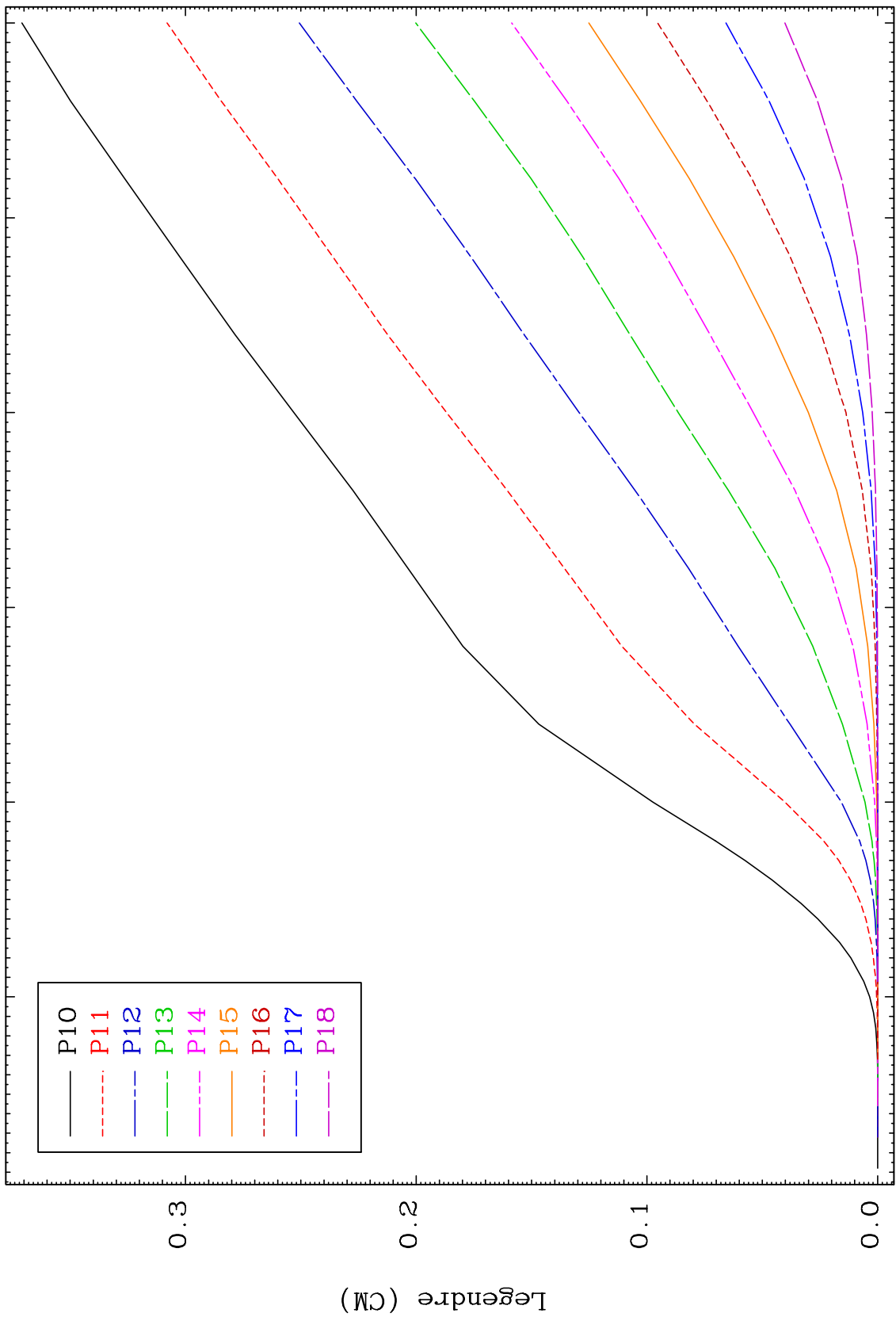




MAT 7289

Elastic Legendre Coefficients

⁷³Ta-168



19

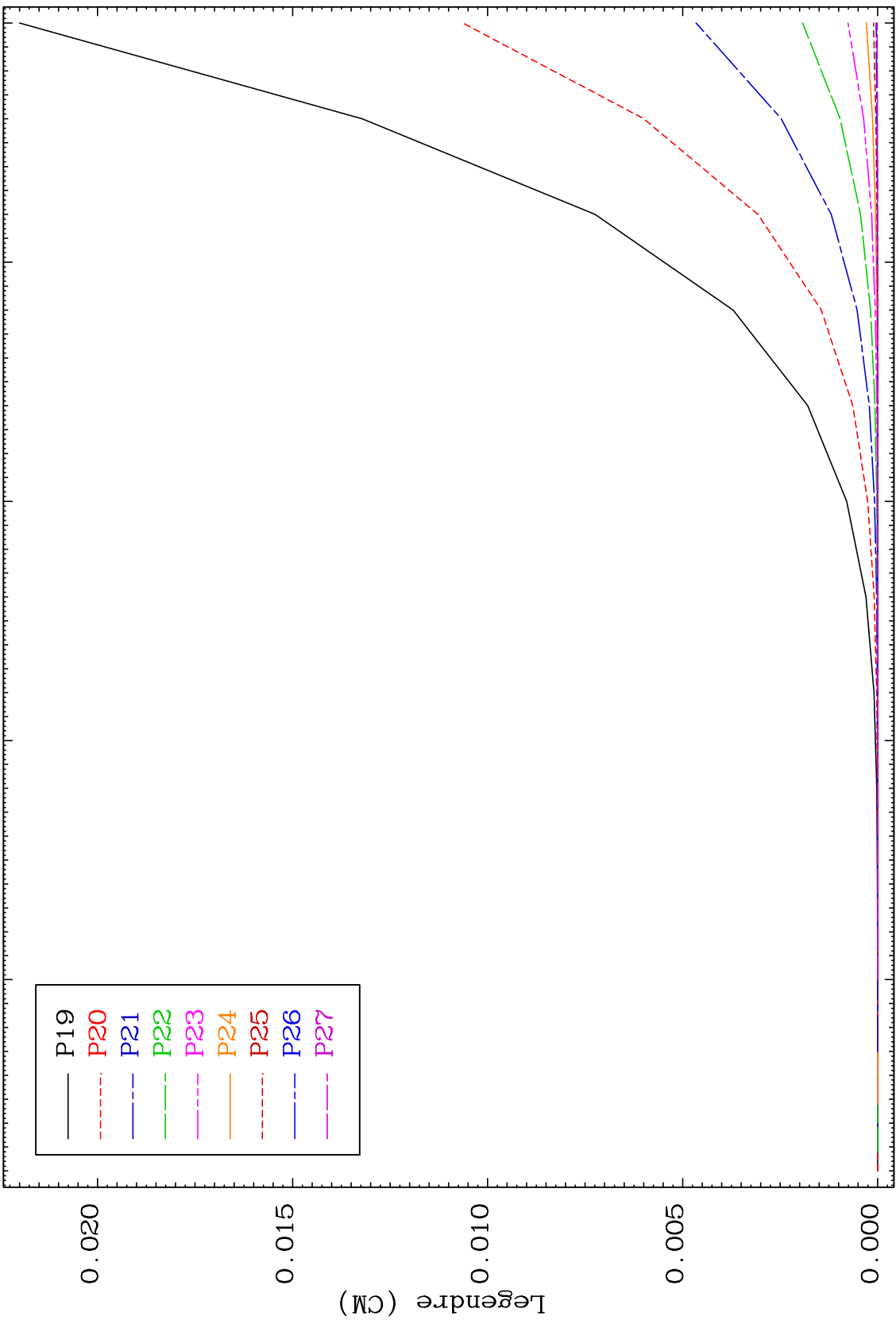
Incident Energy (MeV)

⁷³Ta-168

MAT 7289

Elastic Legendre Coefficients

73-Ta-168



20

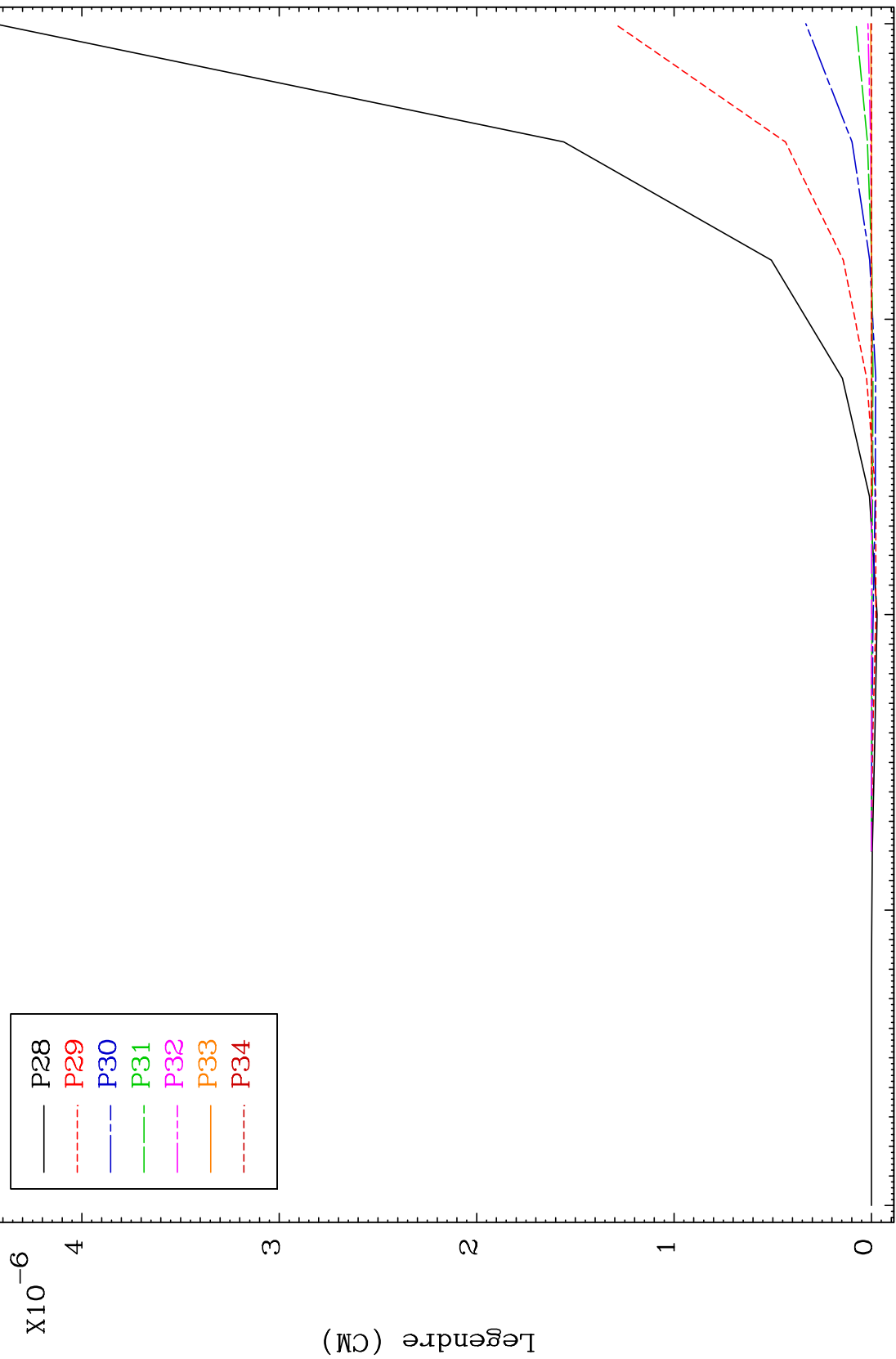
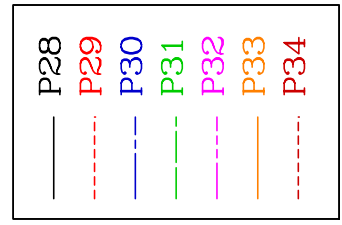
Incident Energy (MeV)

73-Ta-168

MAT 7289

Elastic Legendre Coefficients

⁷³Ta-168



21

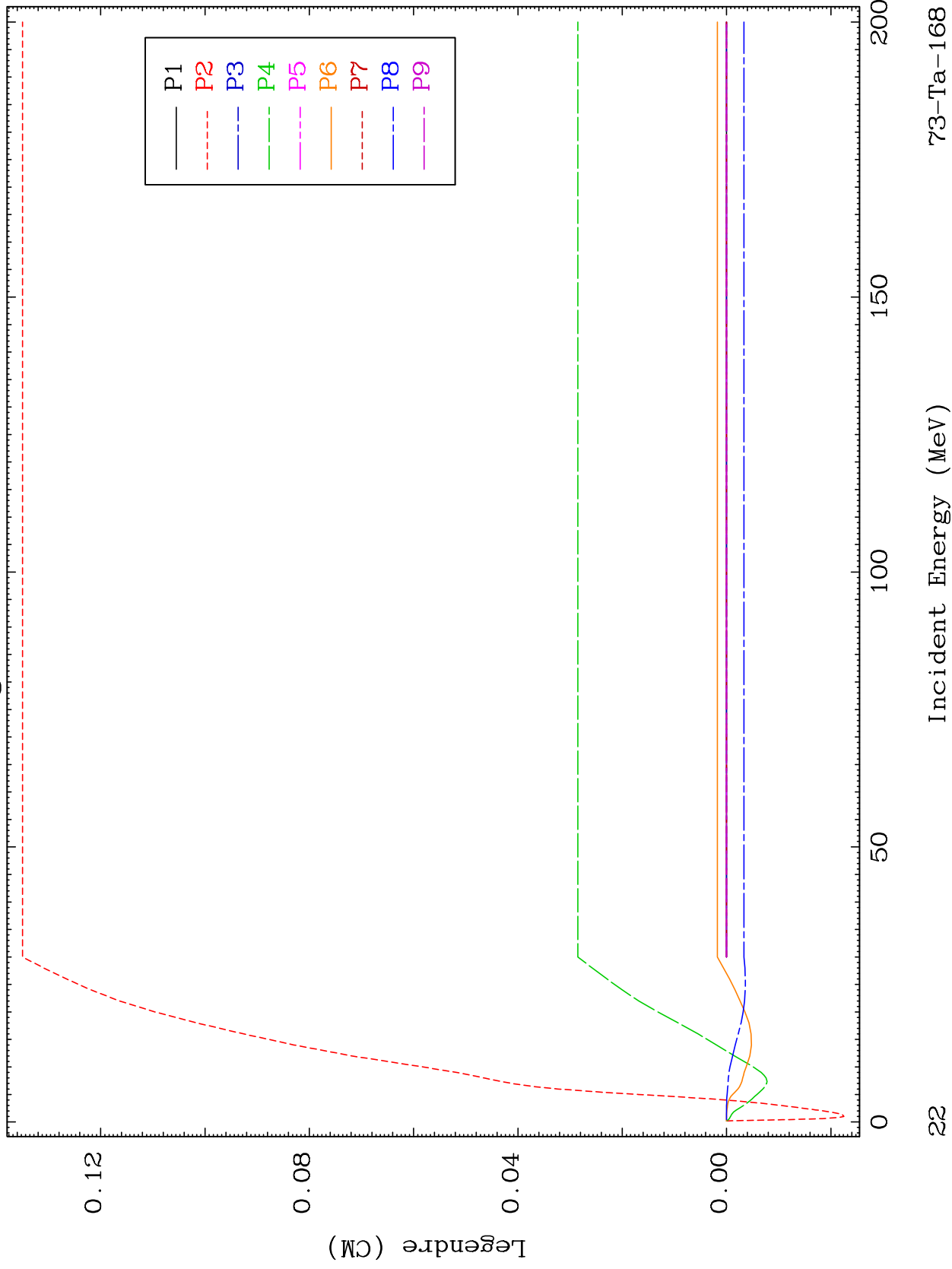
Incident Energy (MeV)

⁷³Ta-168

MAT 7289

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

73-Ta-168



22

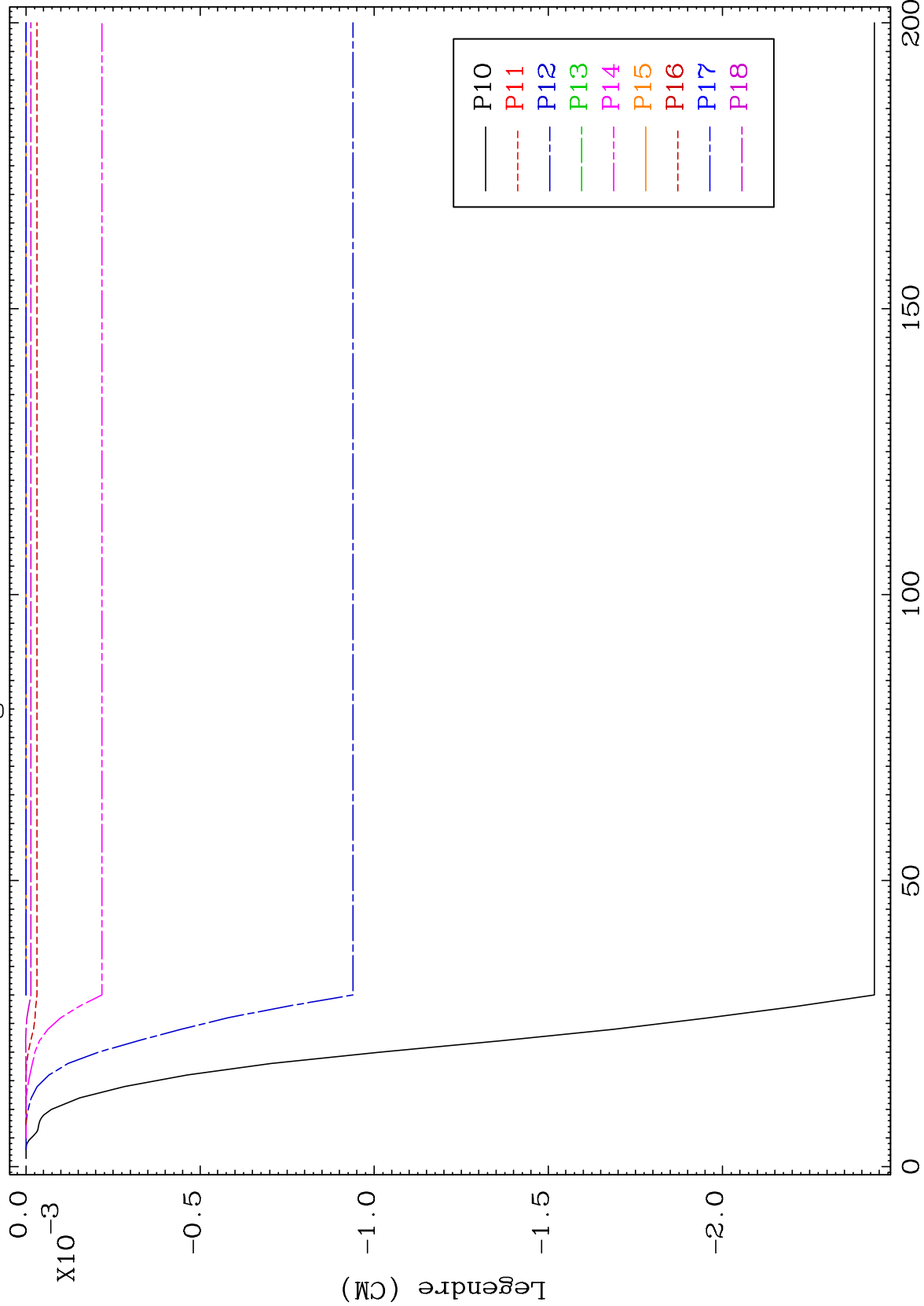
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

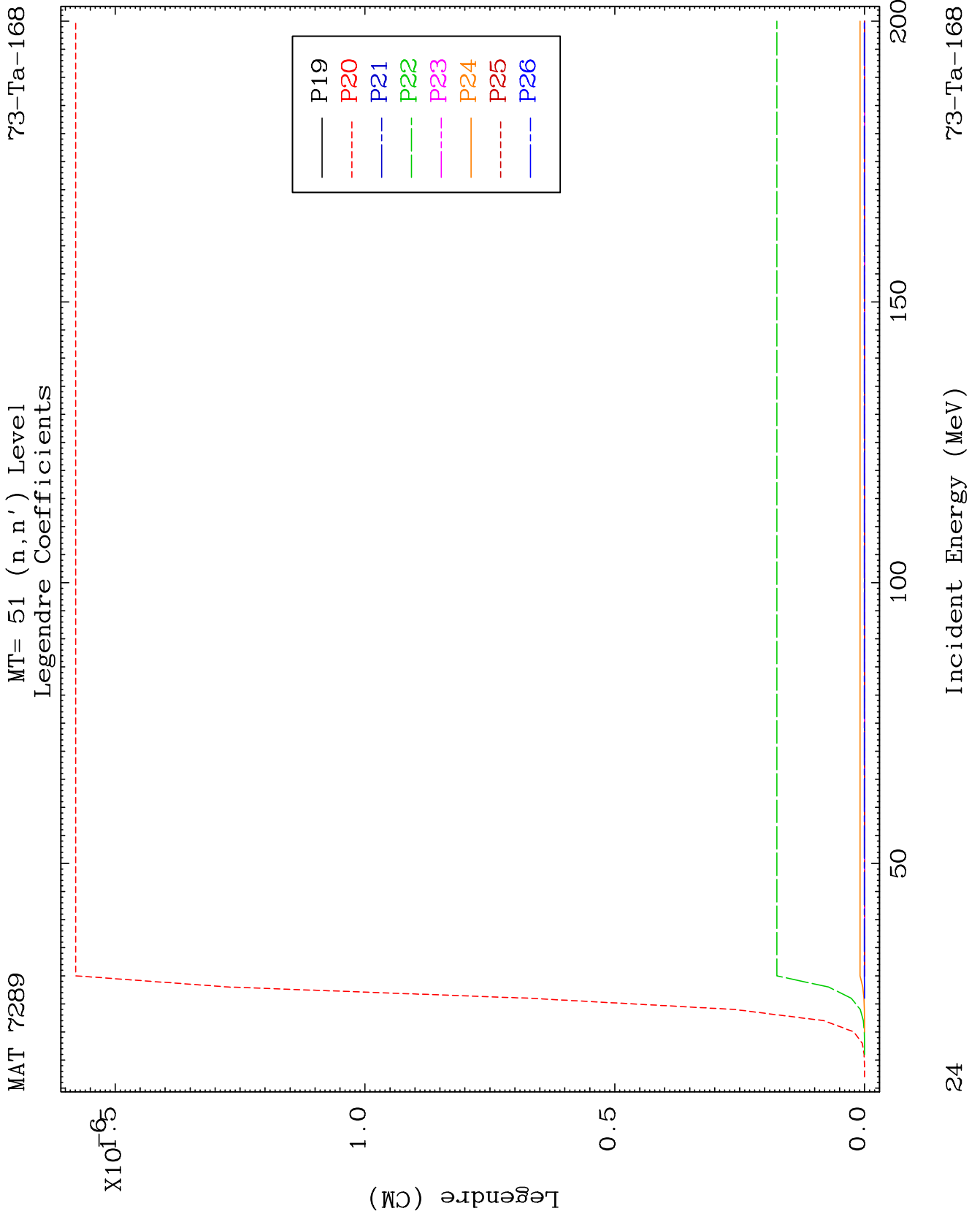
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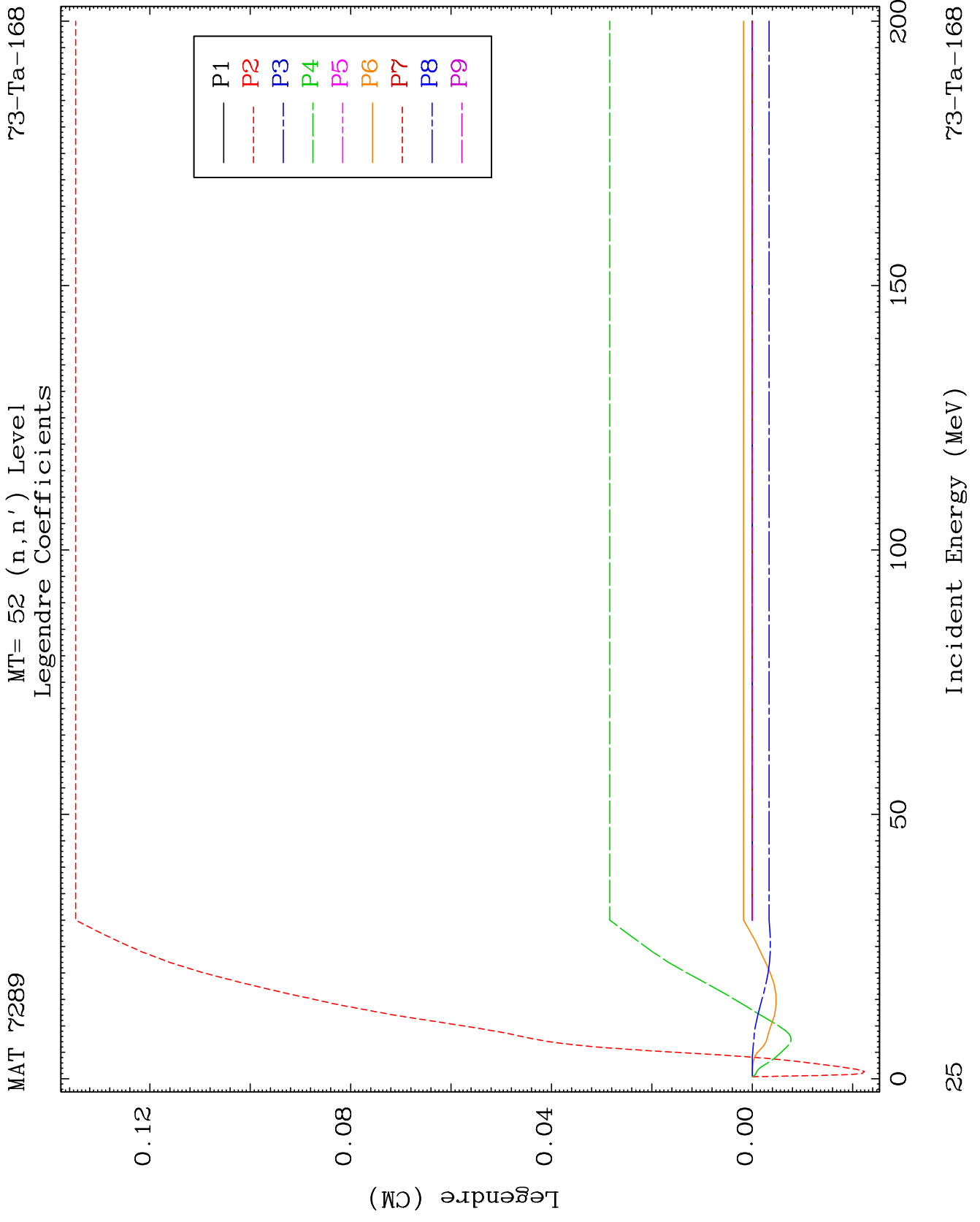


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Incident Energy (MeV)

73-Ta-168



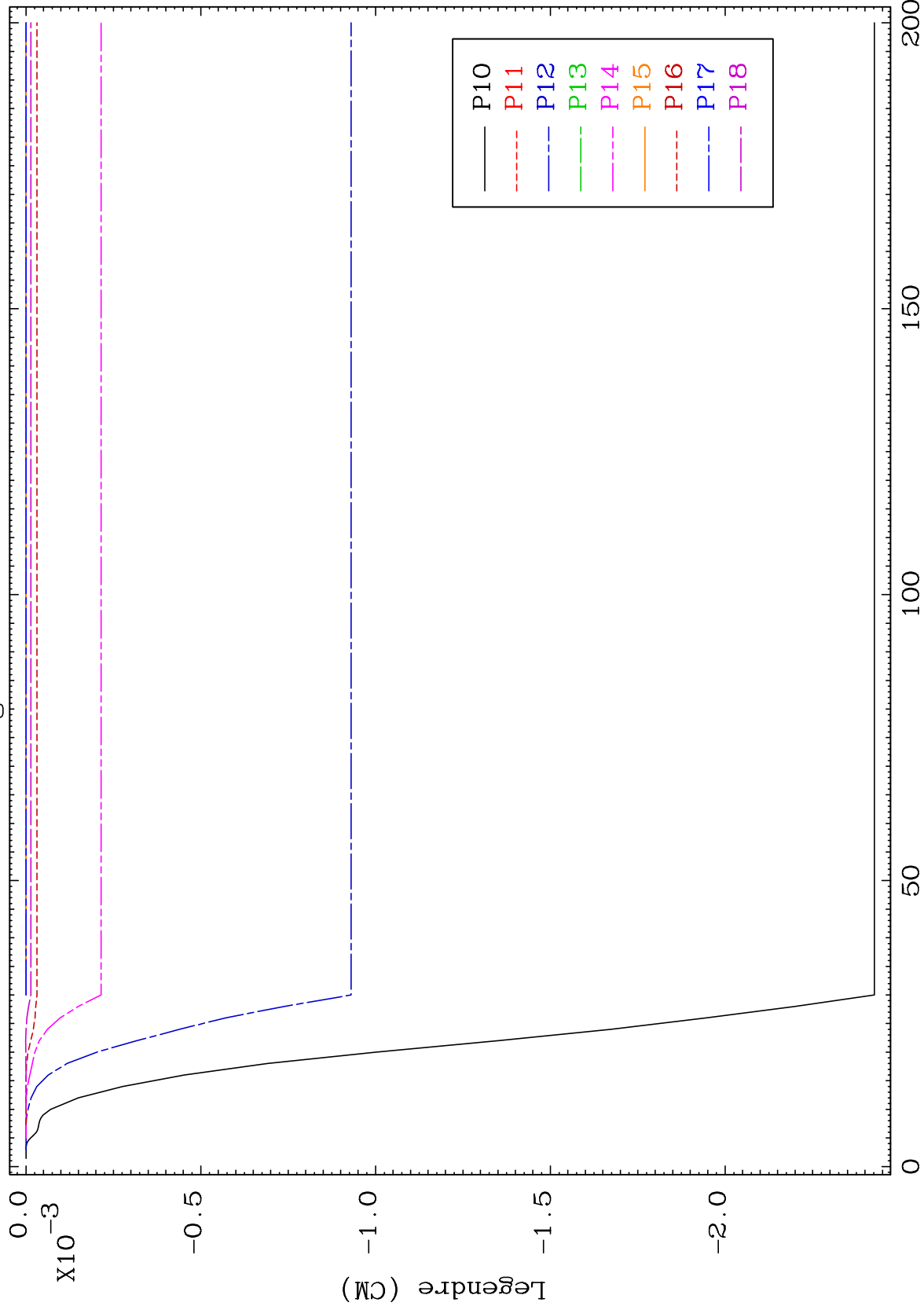


MAT 7289

MT= 52 (n,n') Level

73-Ta-168

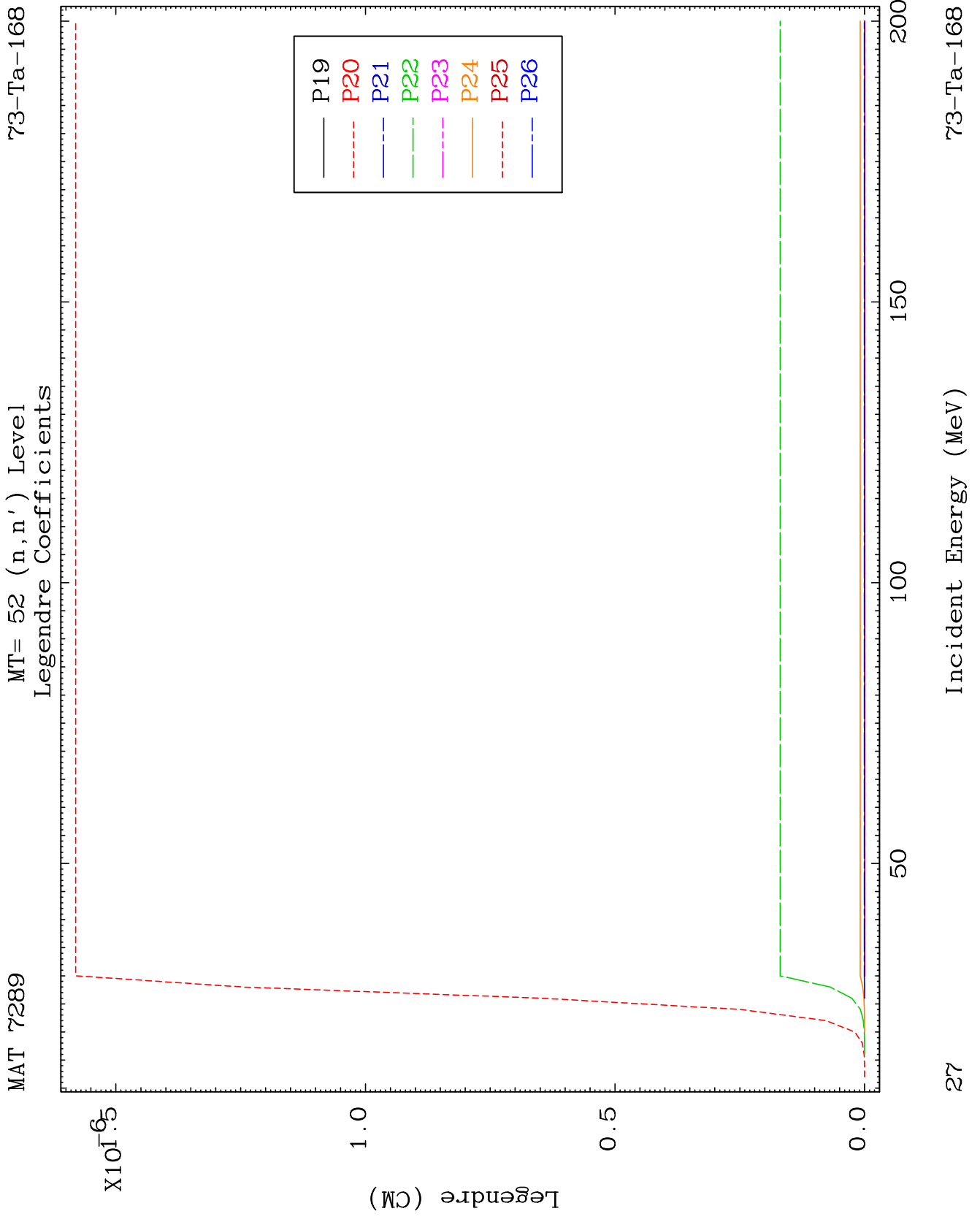
Legendre Coefficients



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Incident Energy (MeV)

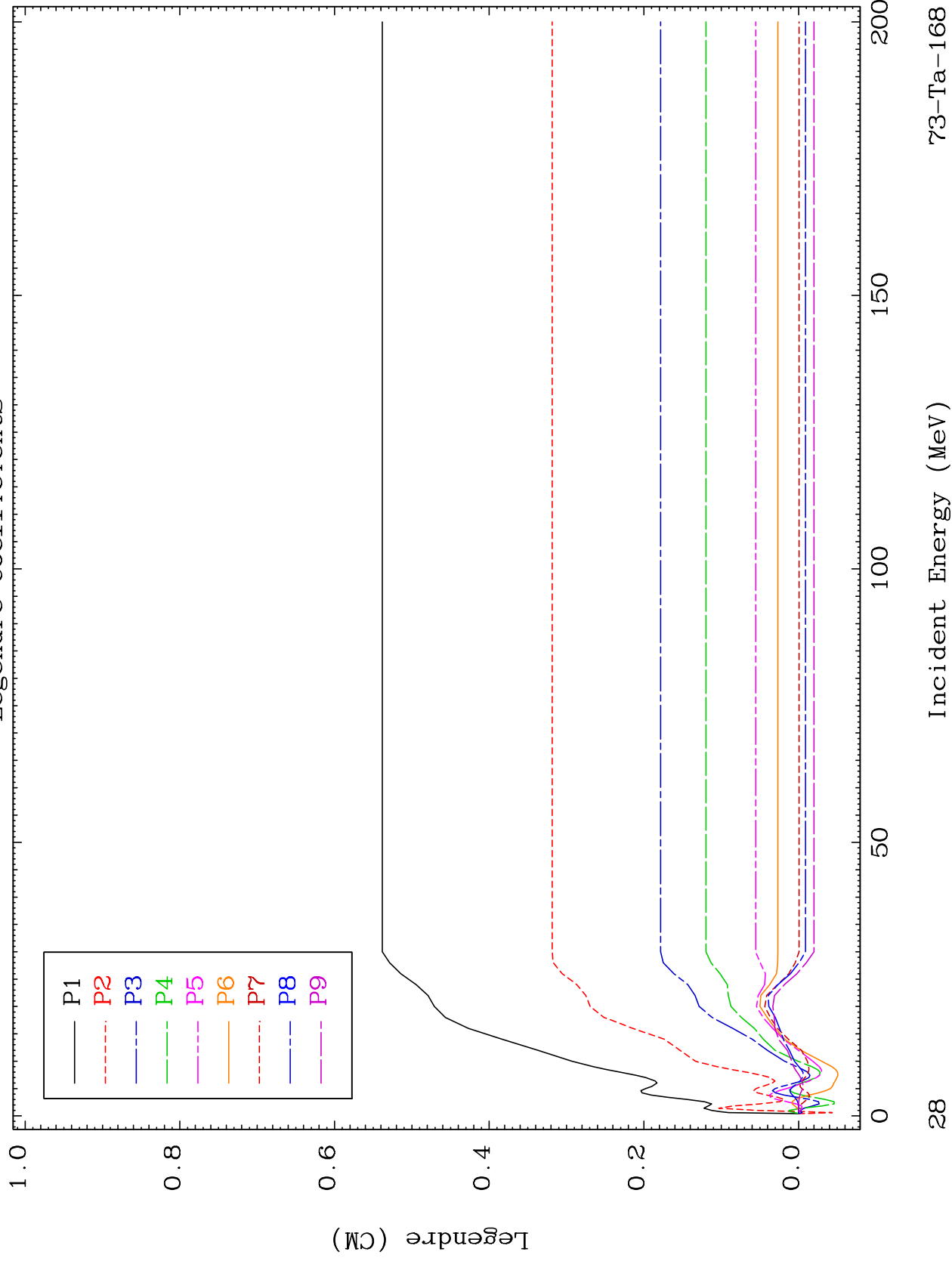
73-Ta-168



MAT 7289

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

⁷³Ta-168



⁷³Ta-168

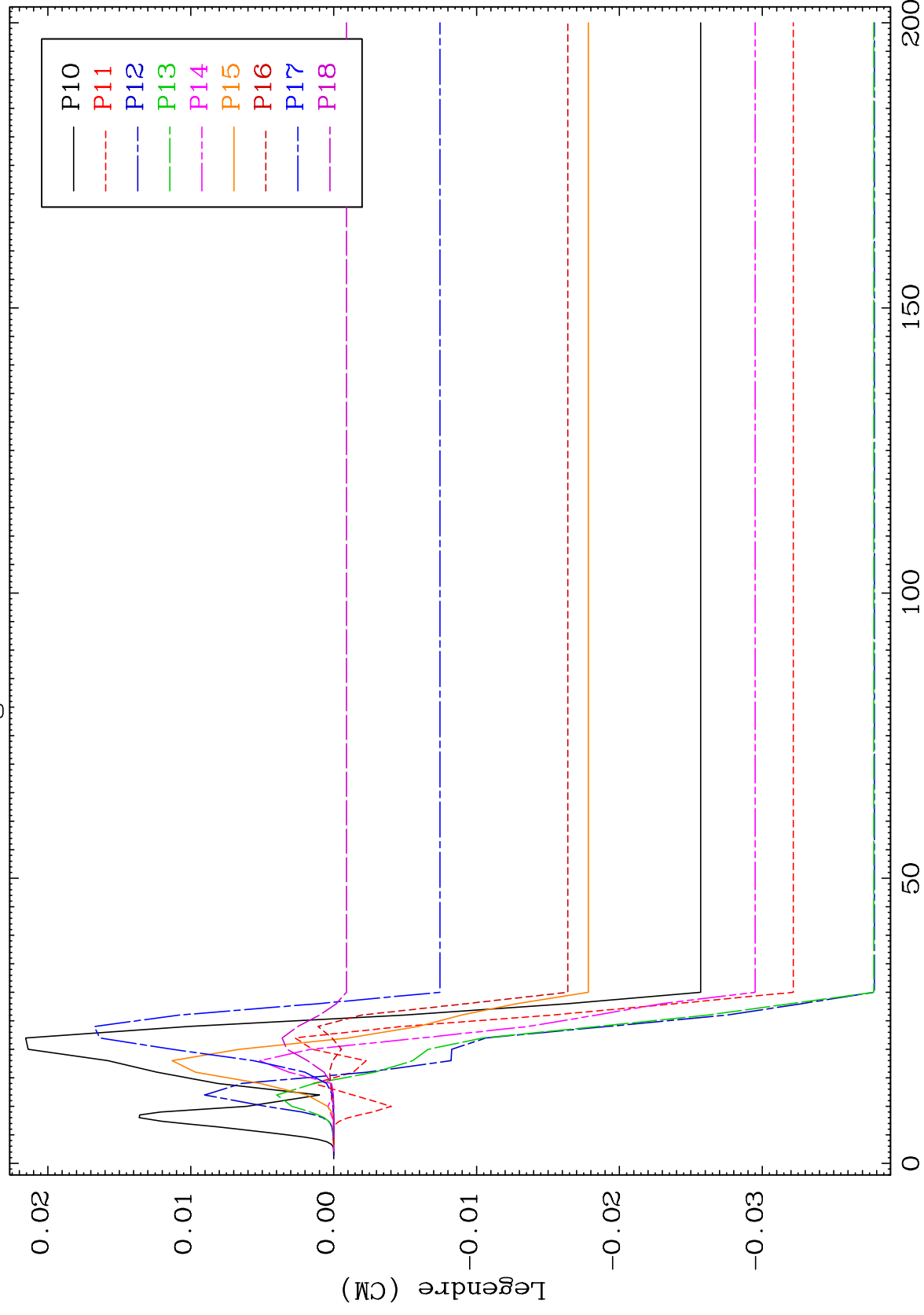
Incident Energy (MeV)

28

MAT 7289

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

73-Ta-168



29

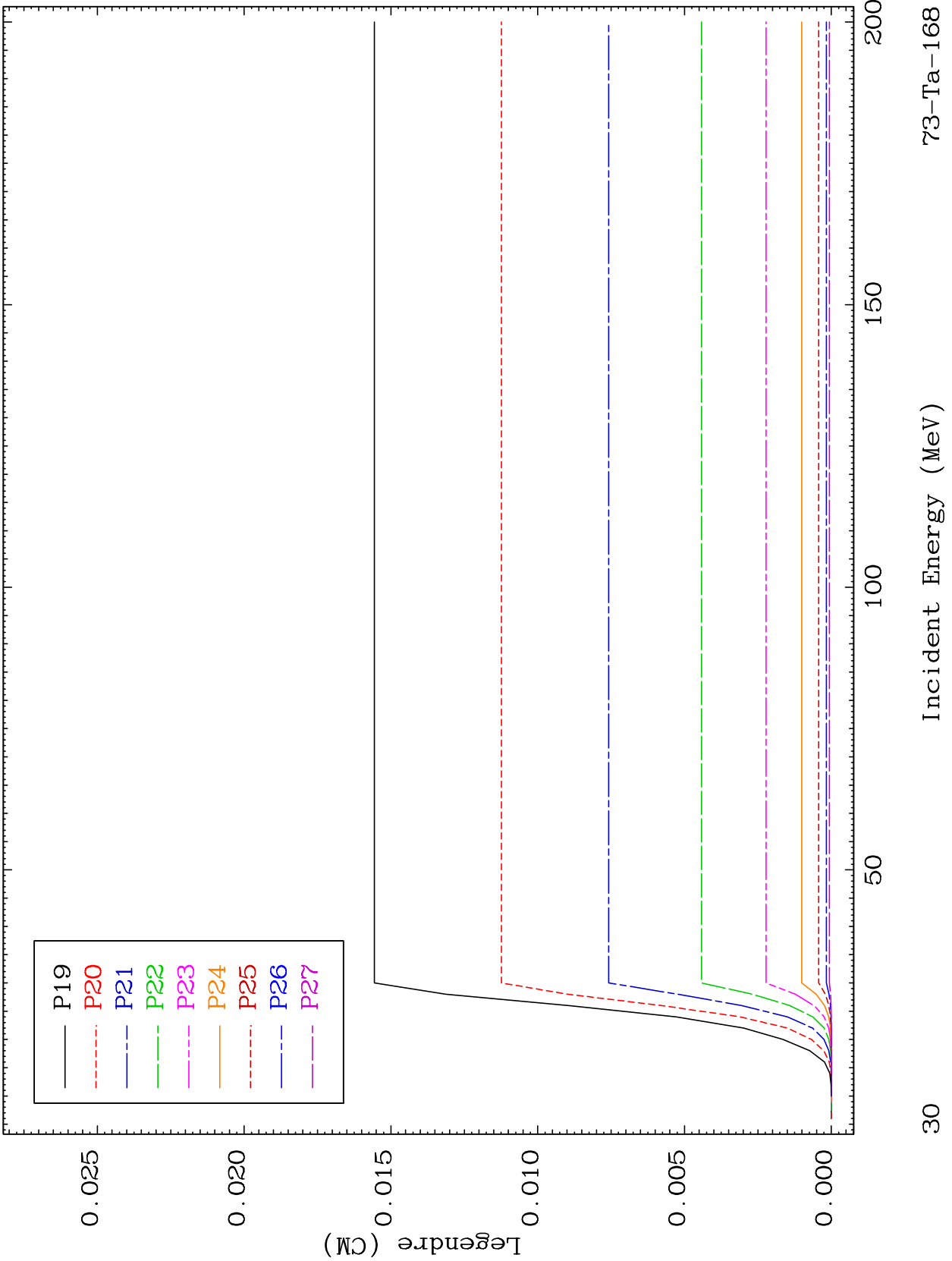
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



30

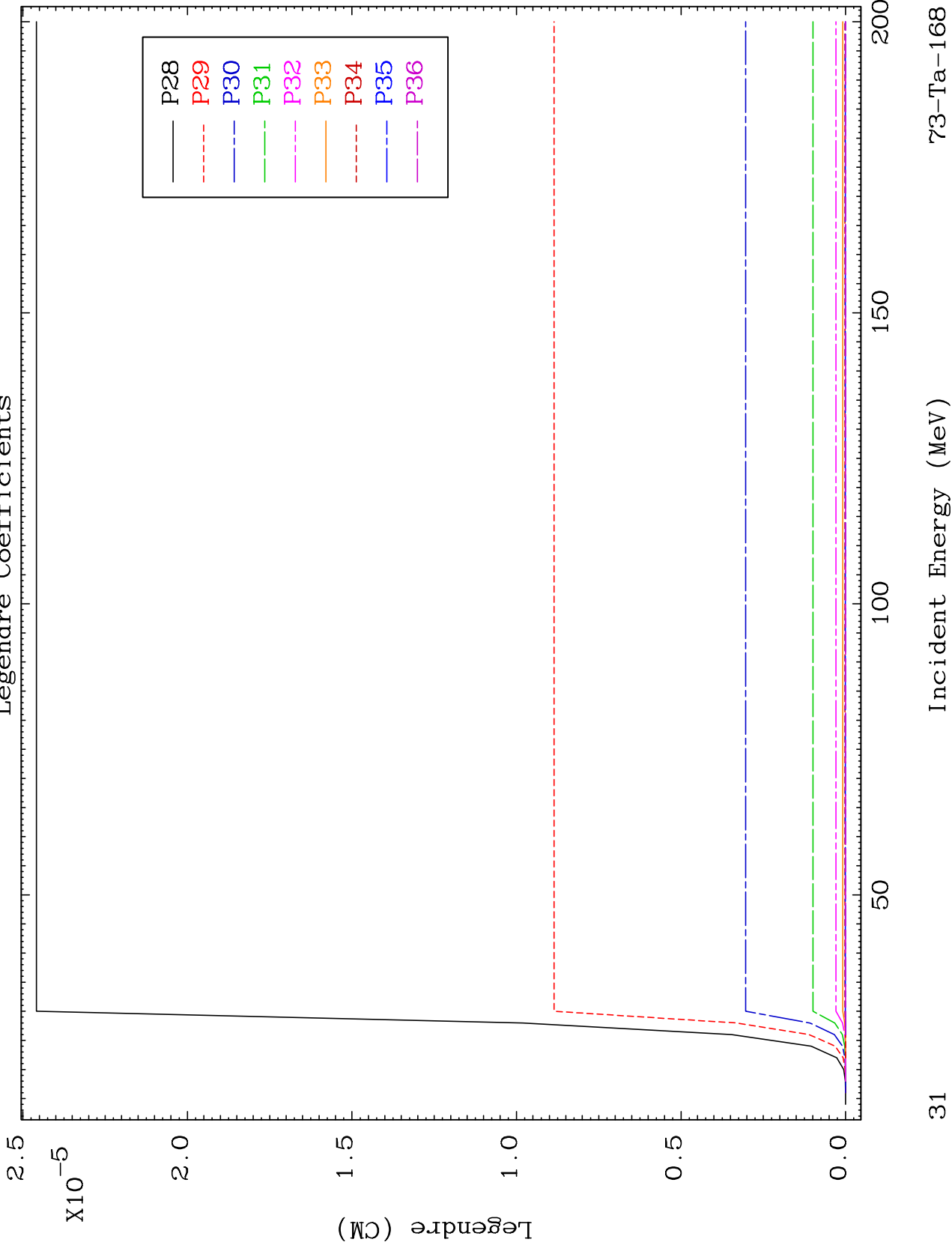
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



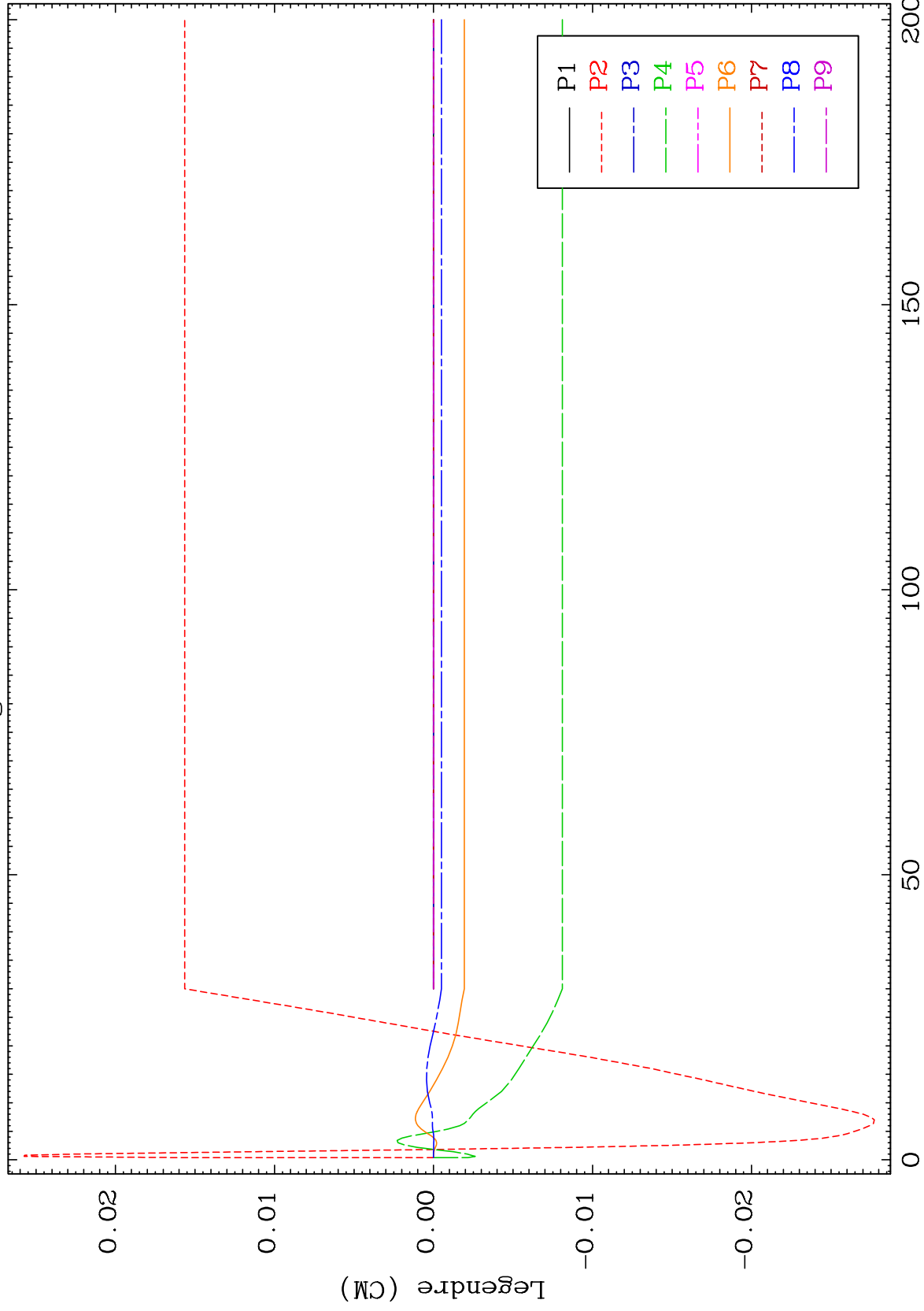
31

73-Ta-168

MAT 7289

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

73-Ta-168



32

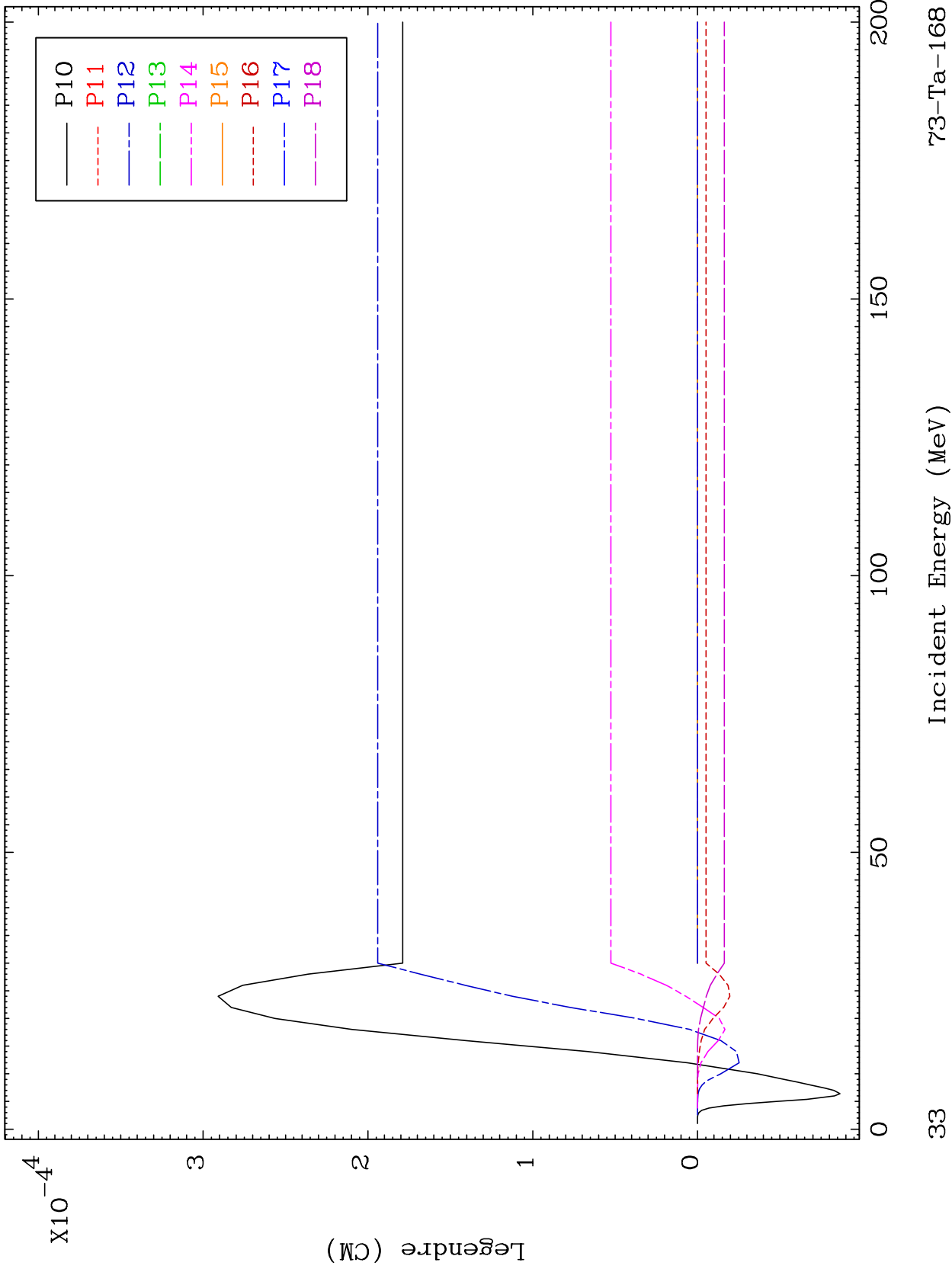
Incident Energy (MeV)

73-Ta-168

MAT 7289

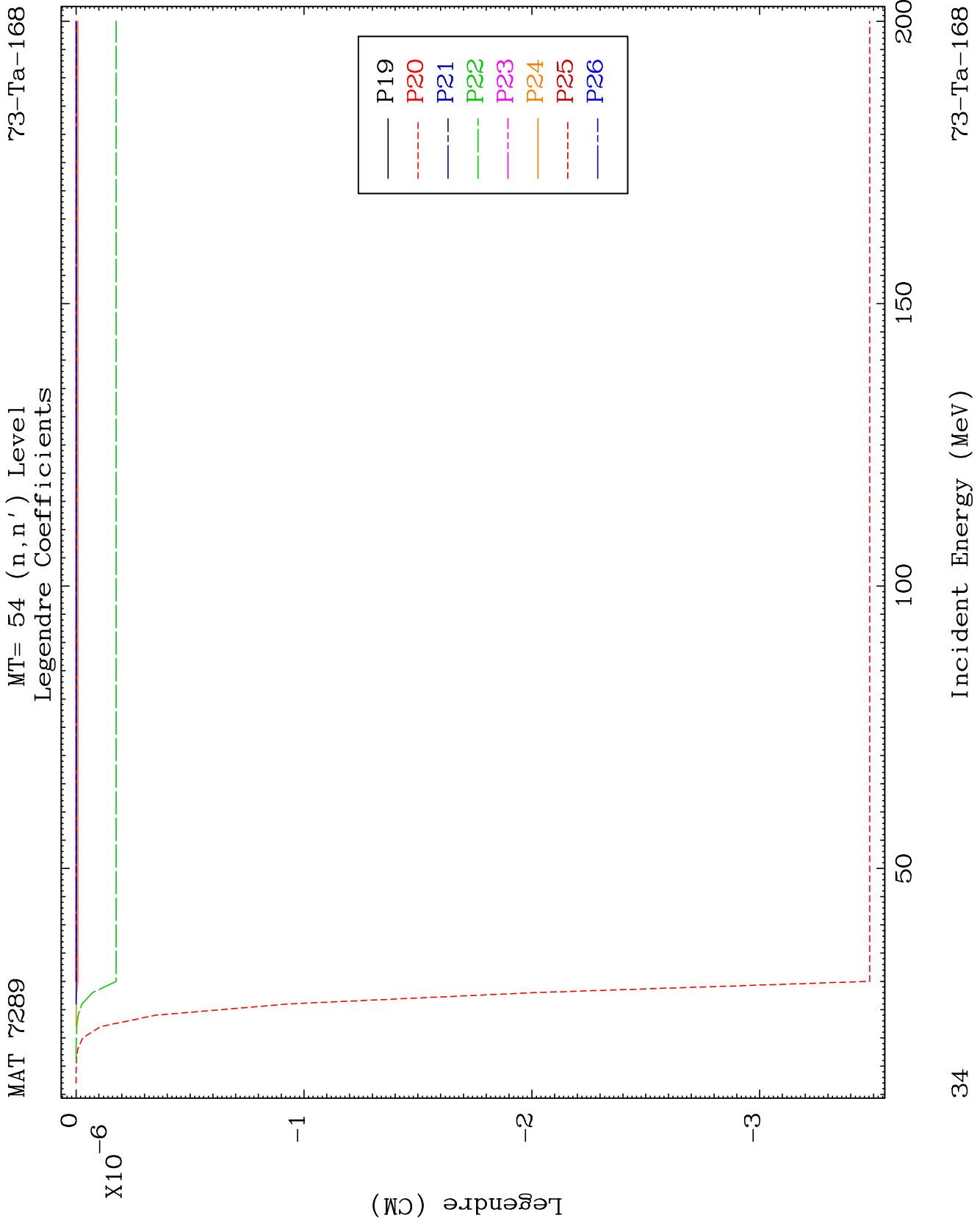
MT= 54 (n,n') Level
Legendre Coefficients

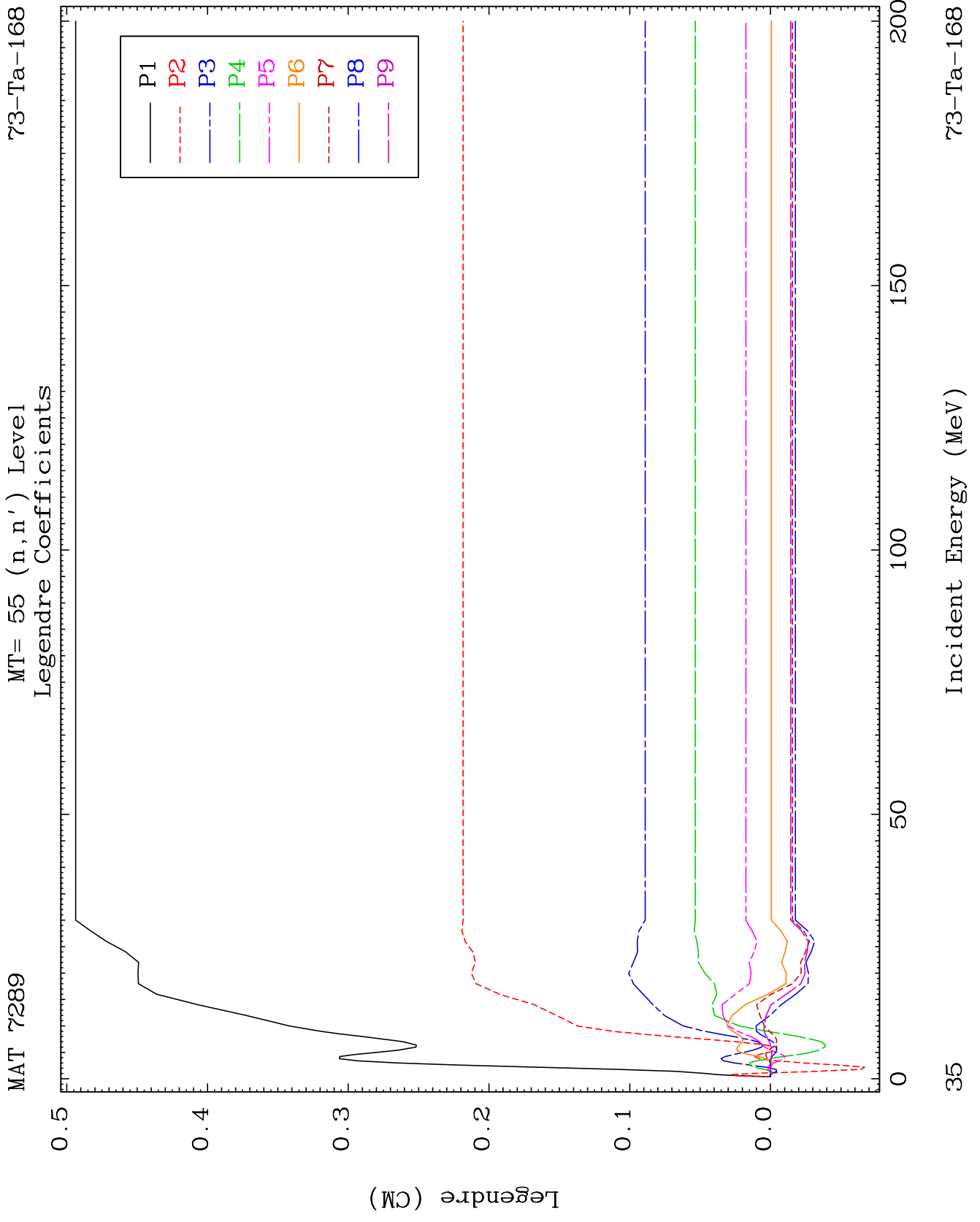
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33

73-Ta-168

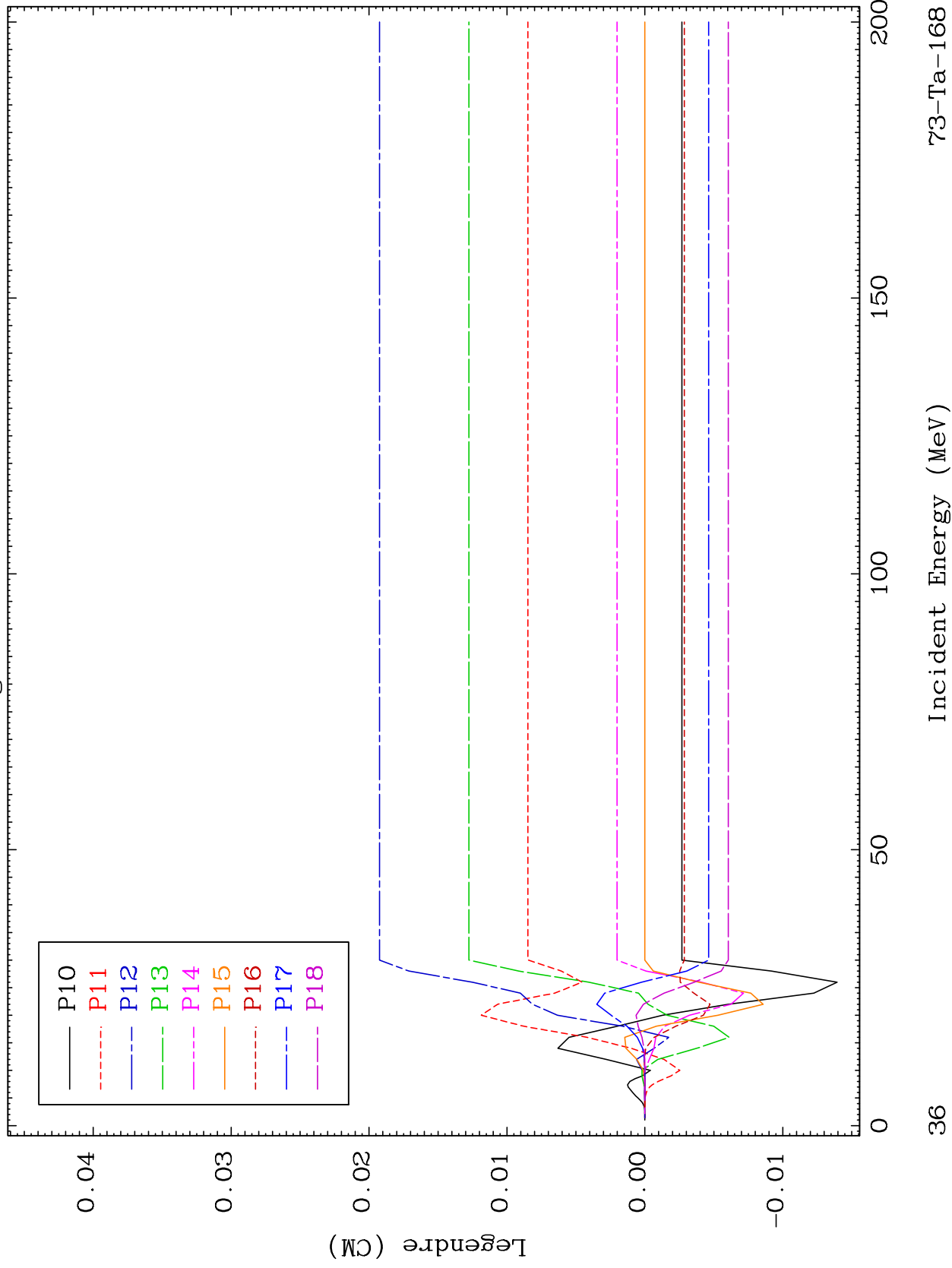




MAT 7289

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

73-Ta-168



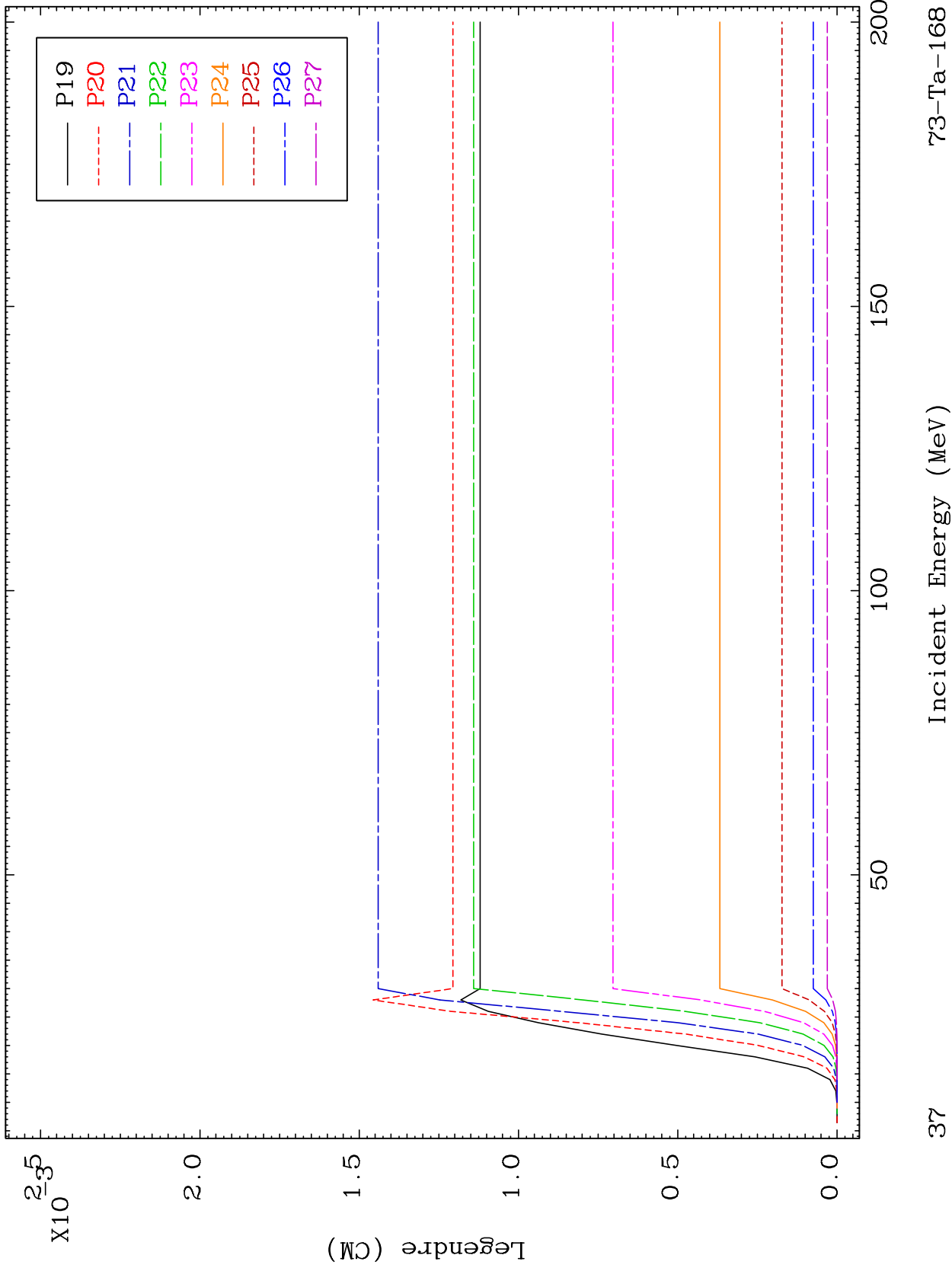
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73-Ta-168

MAT 7289

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

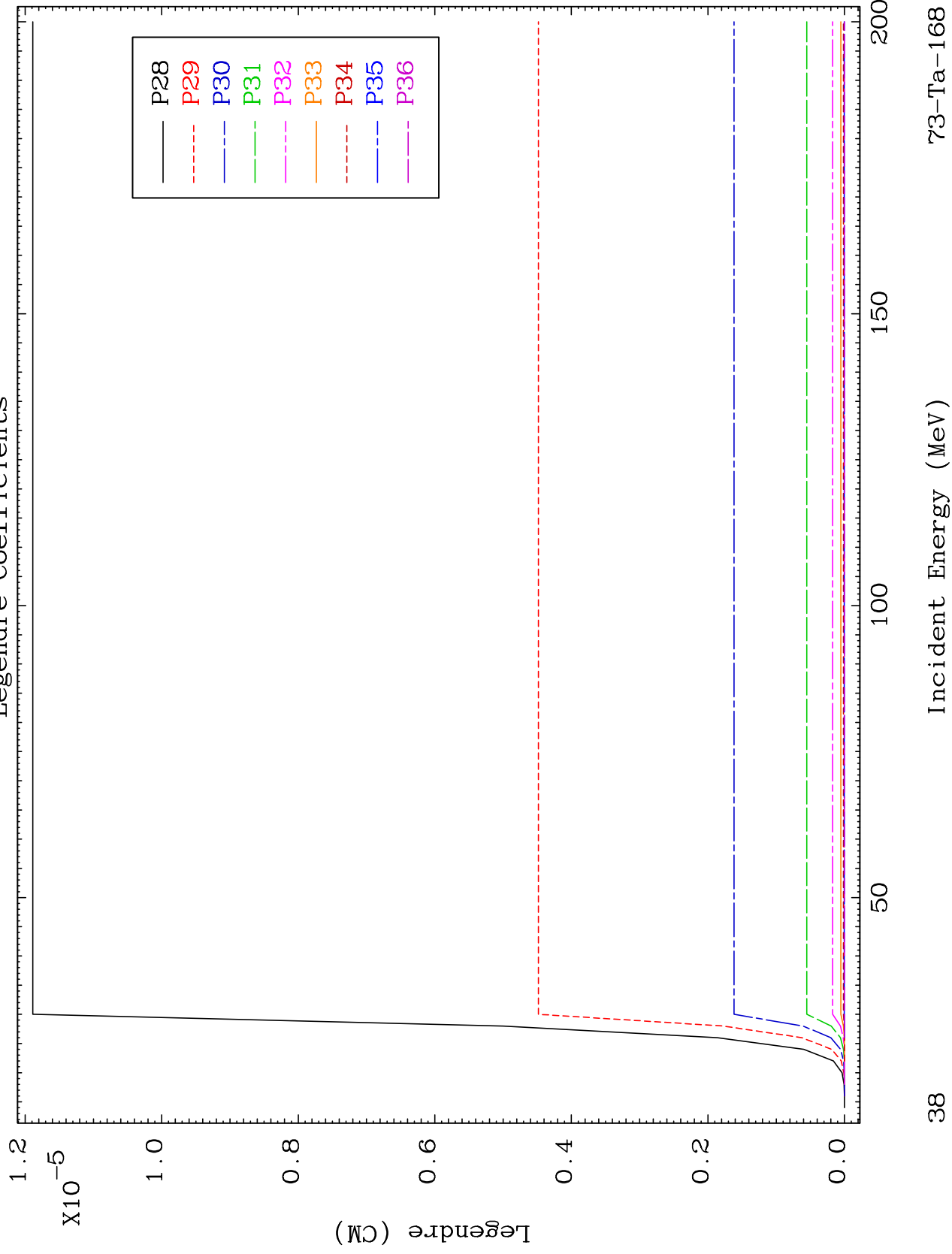
73-Ta-168



MAT 7289

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

73-Ta-168



38

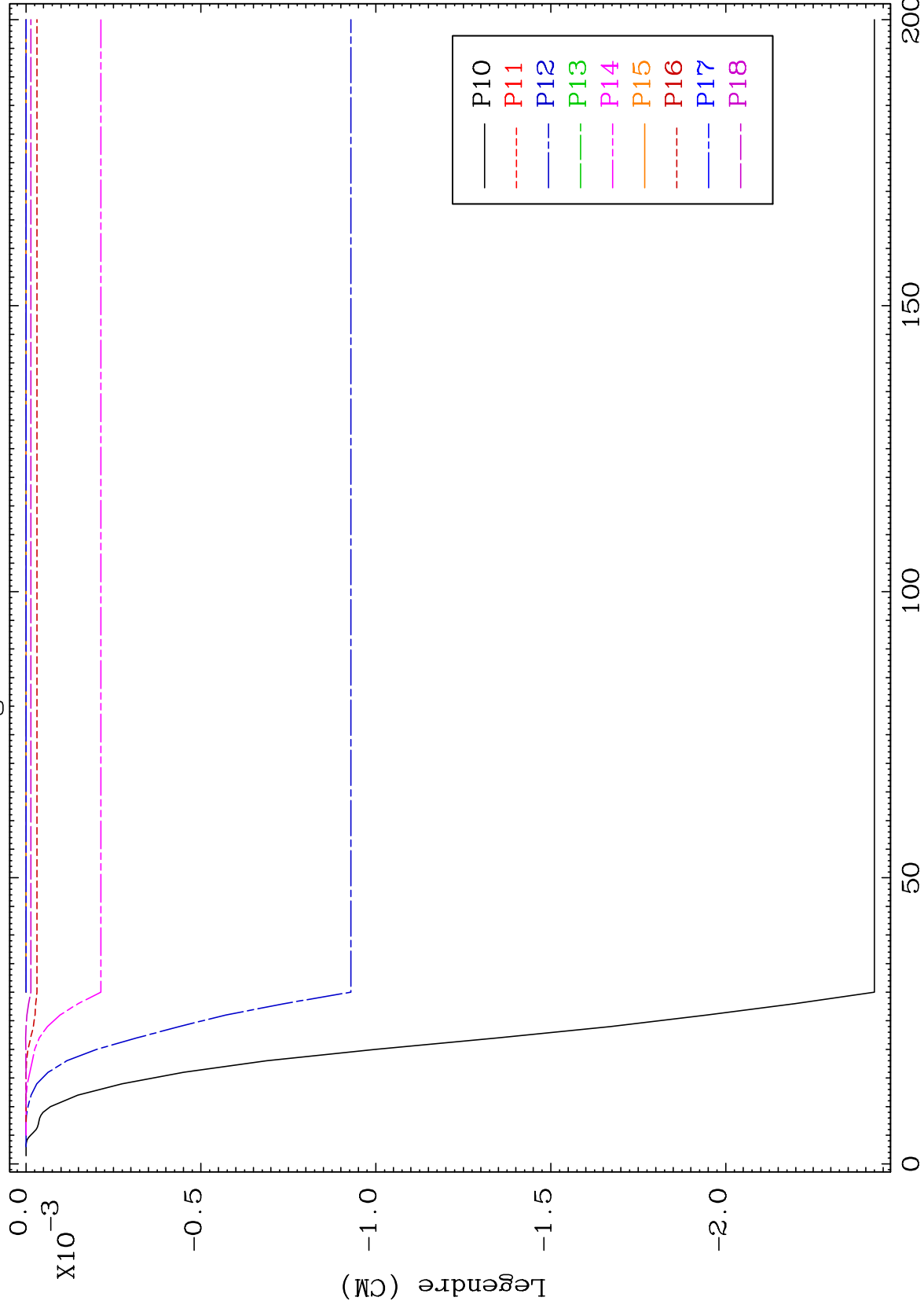
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

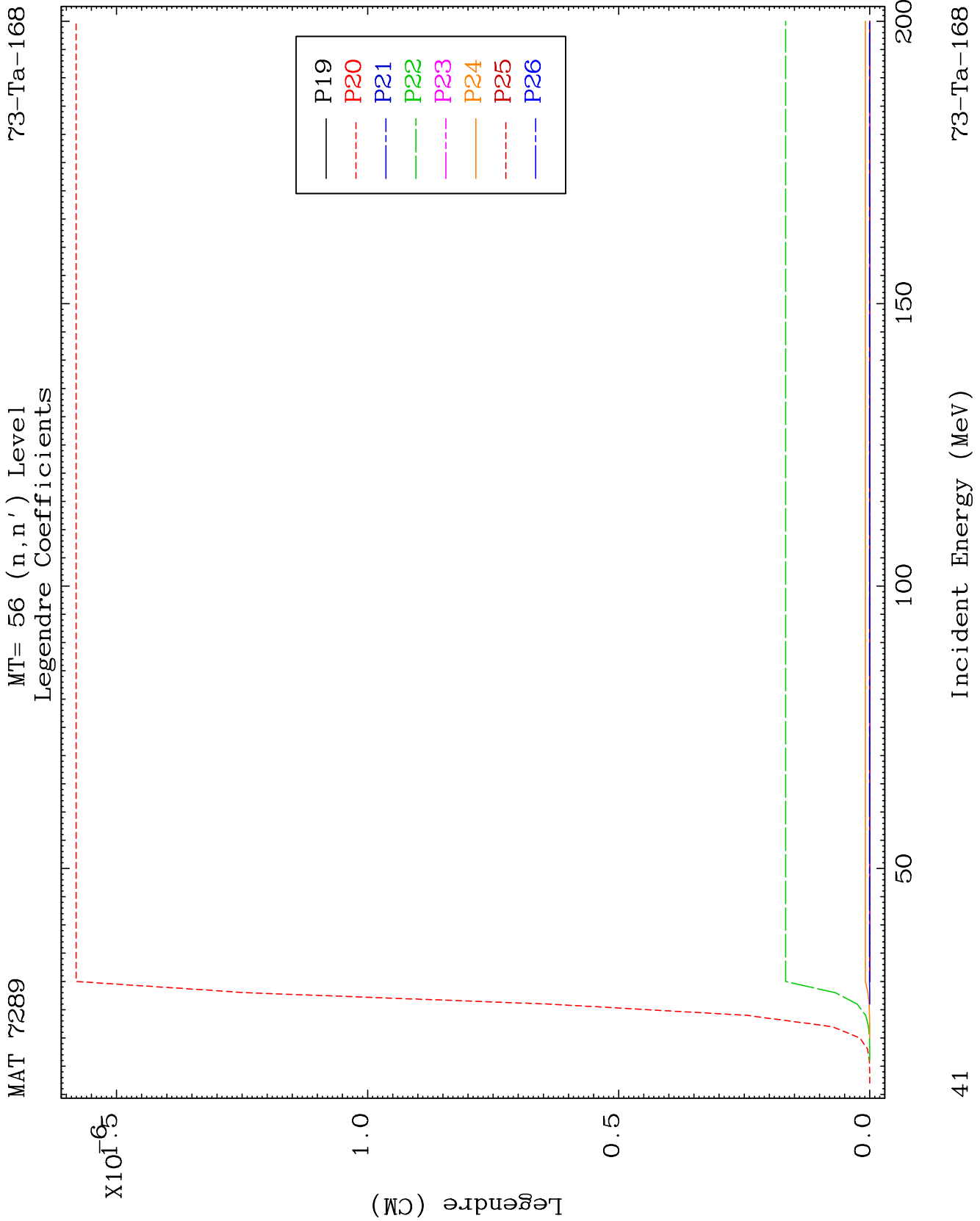
73-Ta-168



40

Incident Energy (MeV)

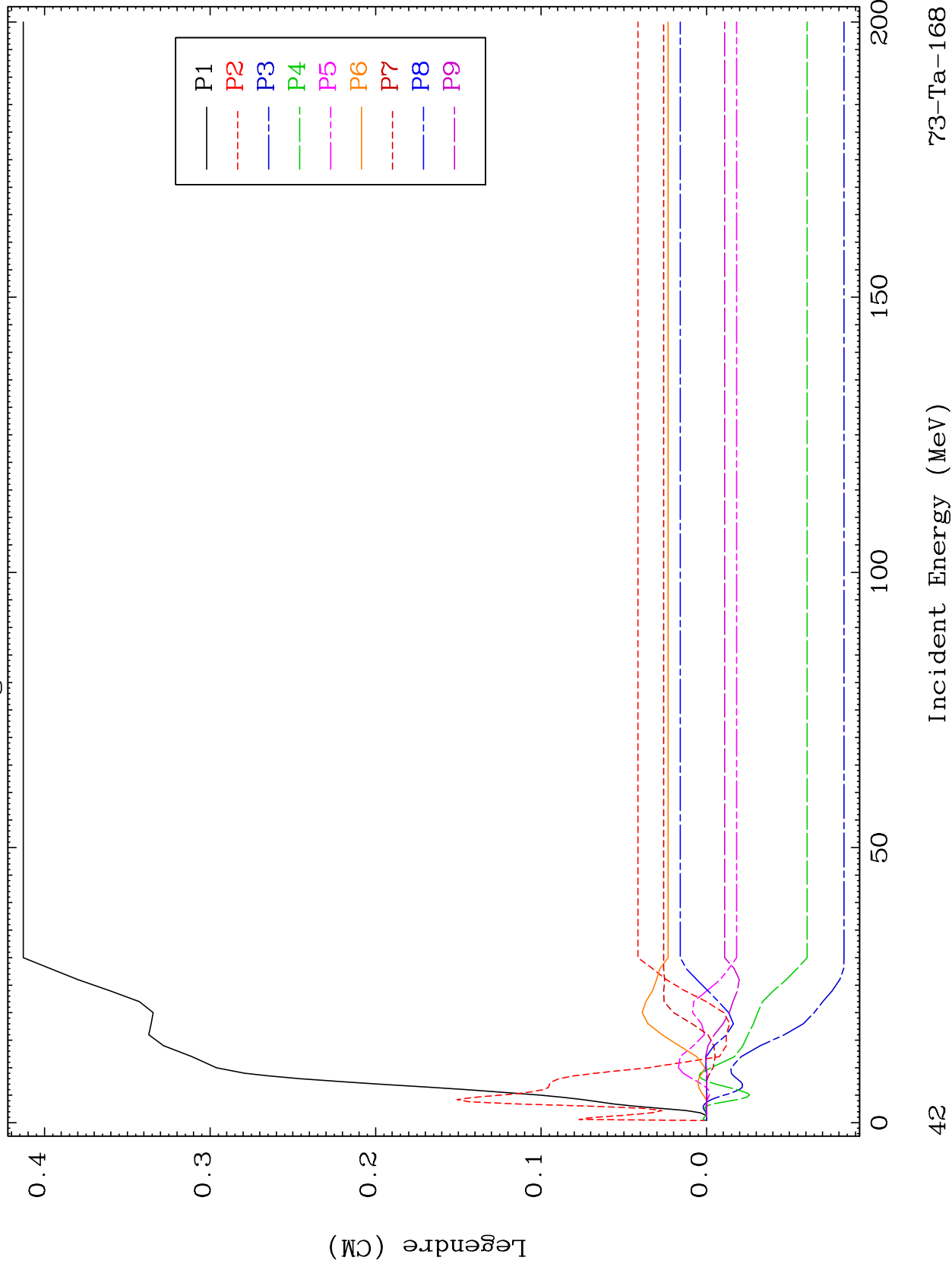
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MAT 7289

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

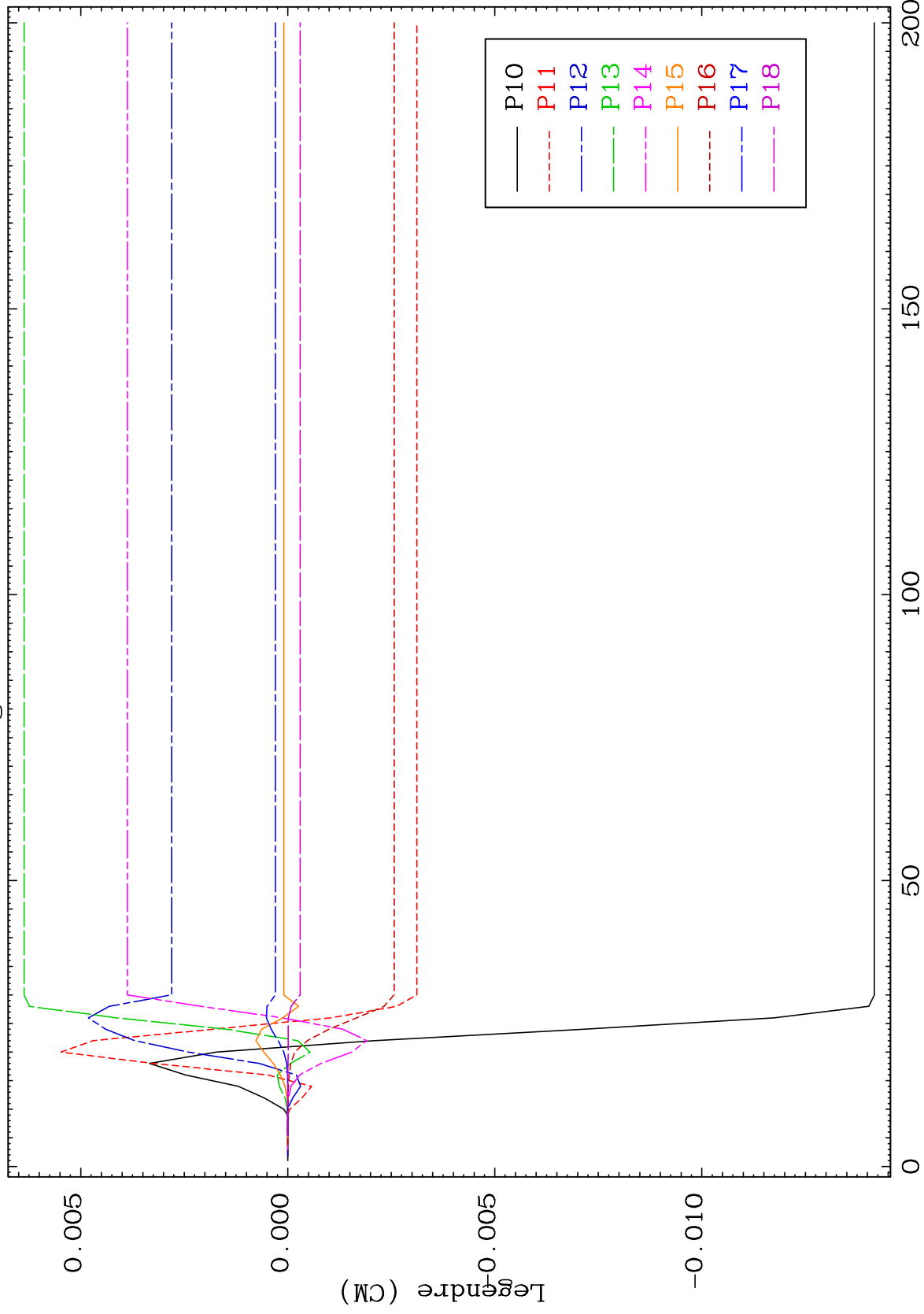
73-Ta-168



MAT 7289

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

73-Ta-168



43

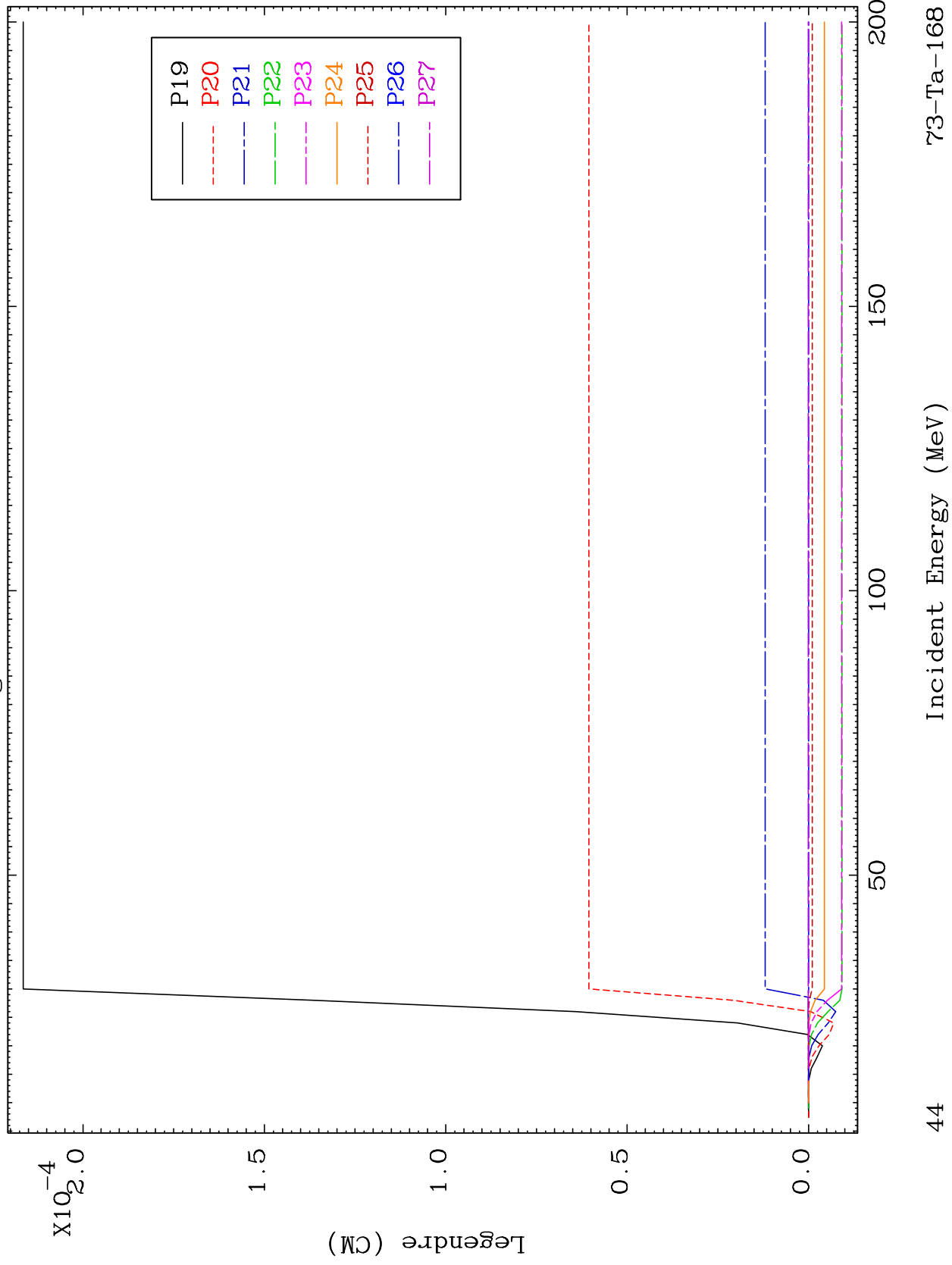
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



44

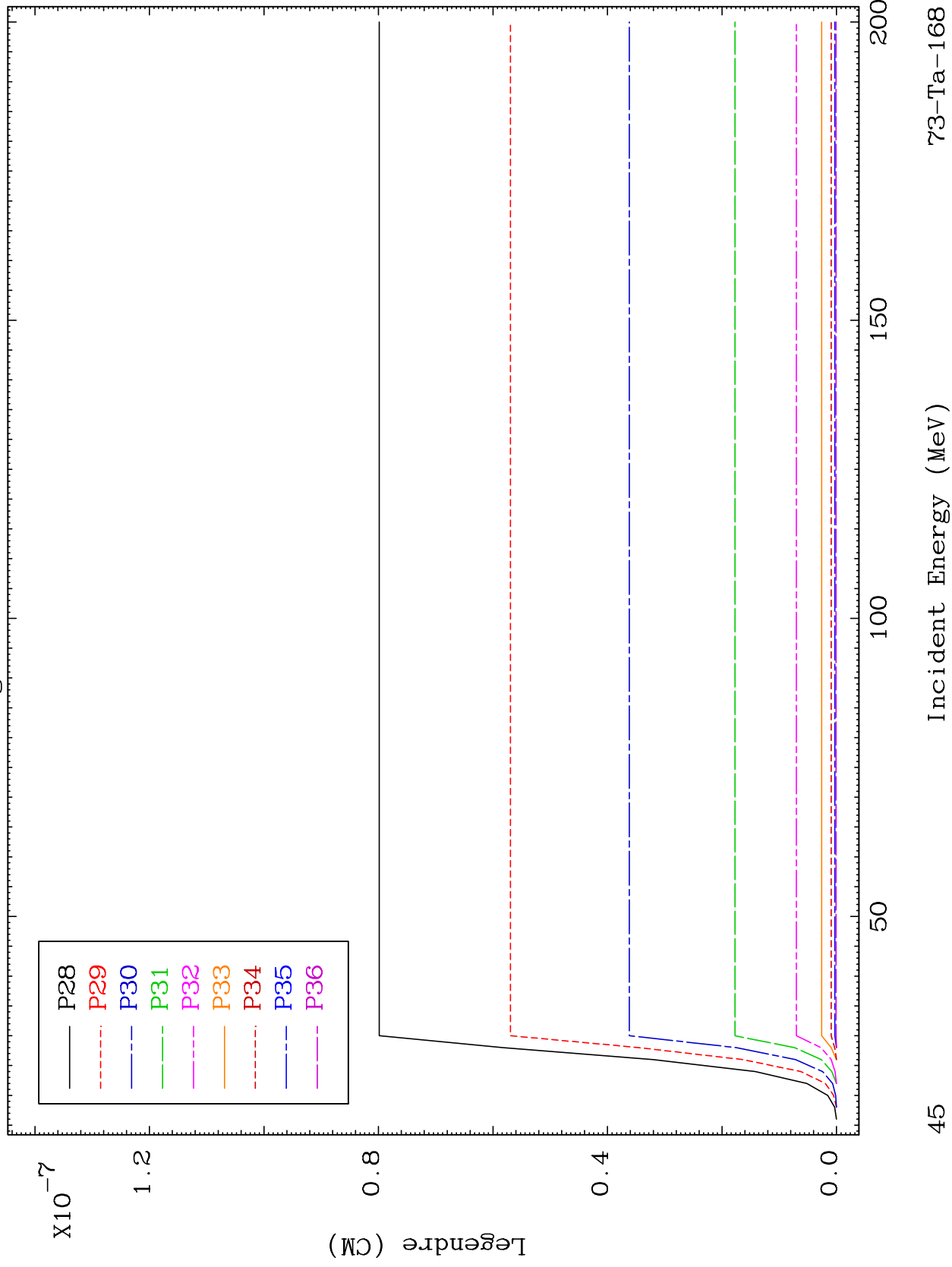
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



45

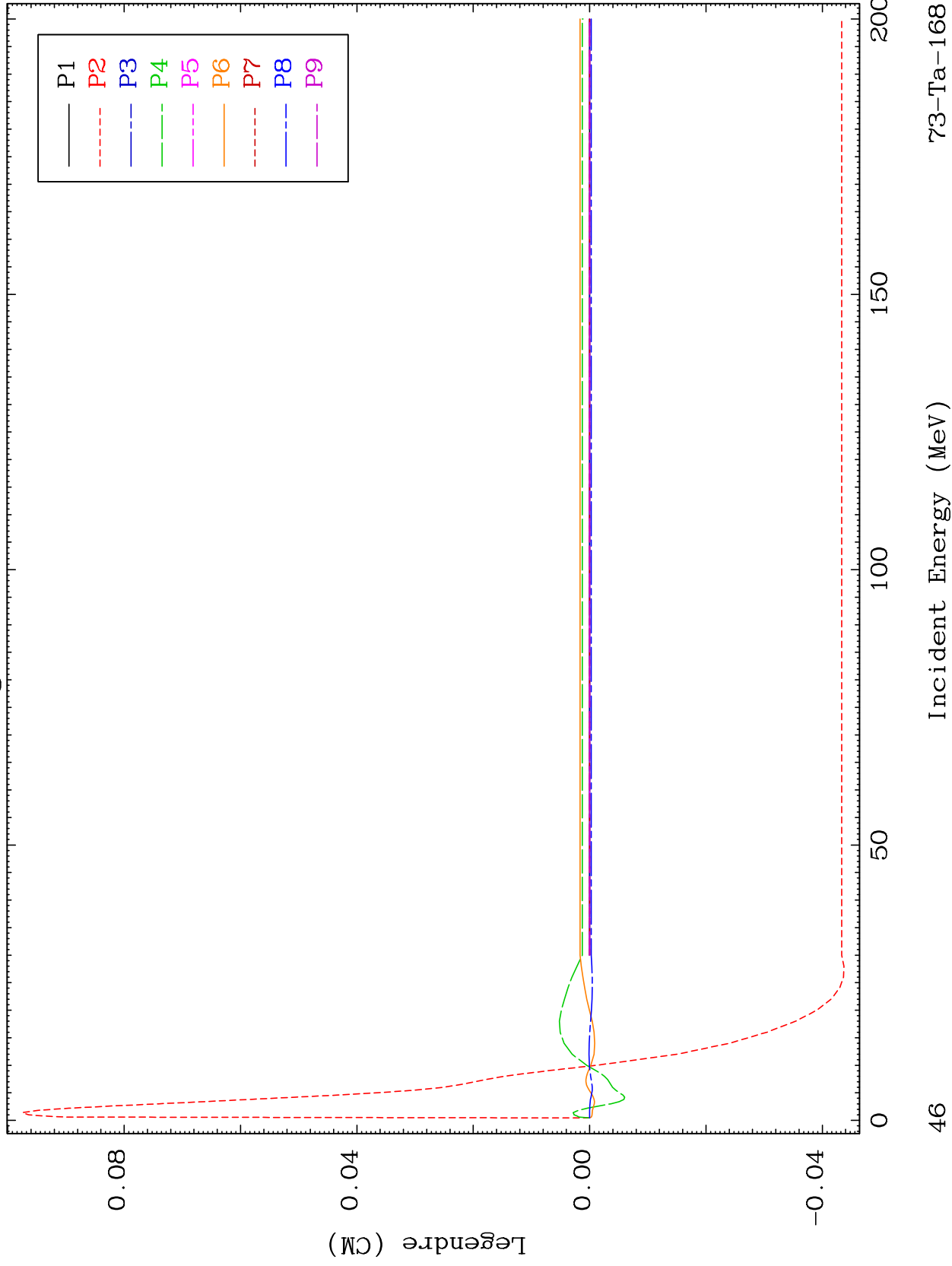
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168

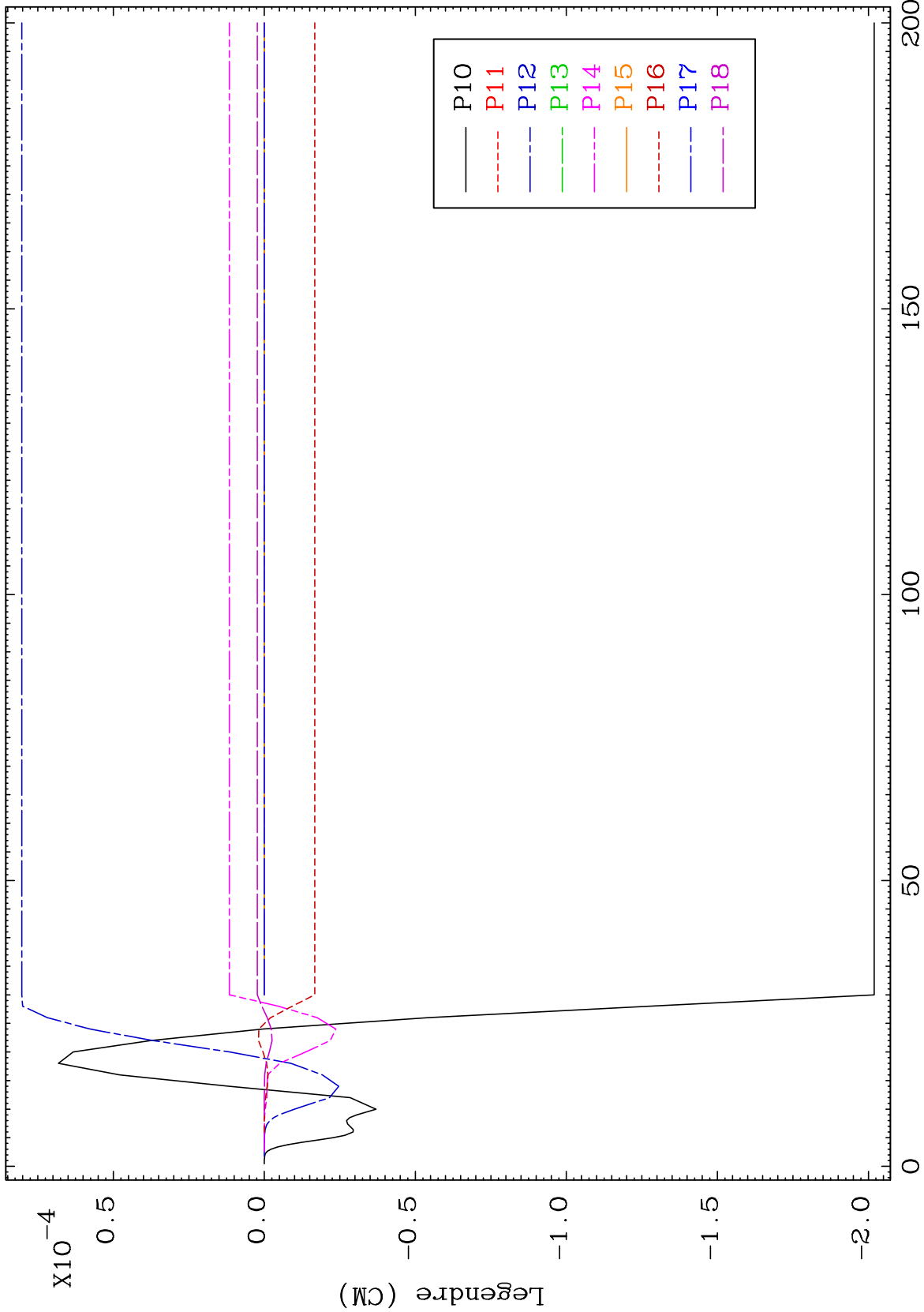


46

MAT 7289

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

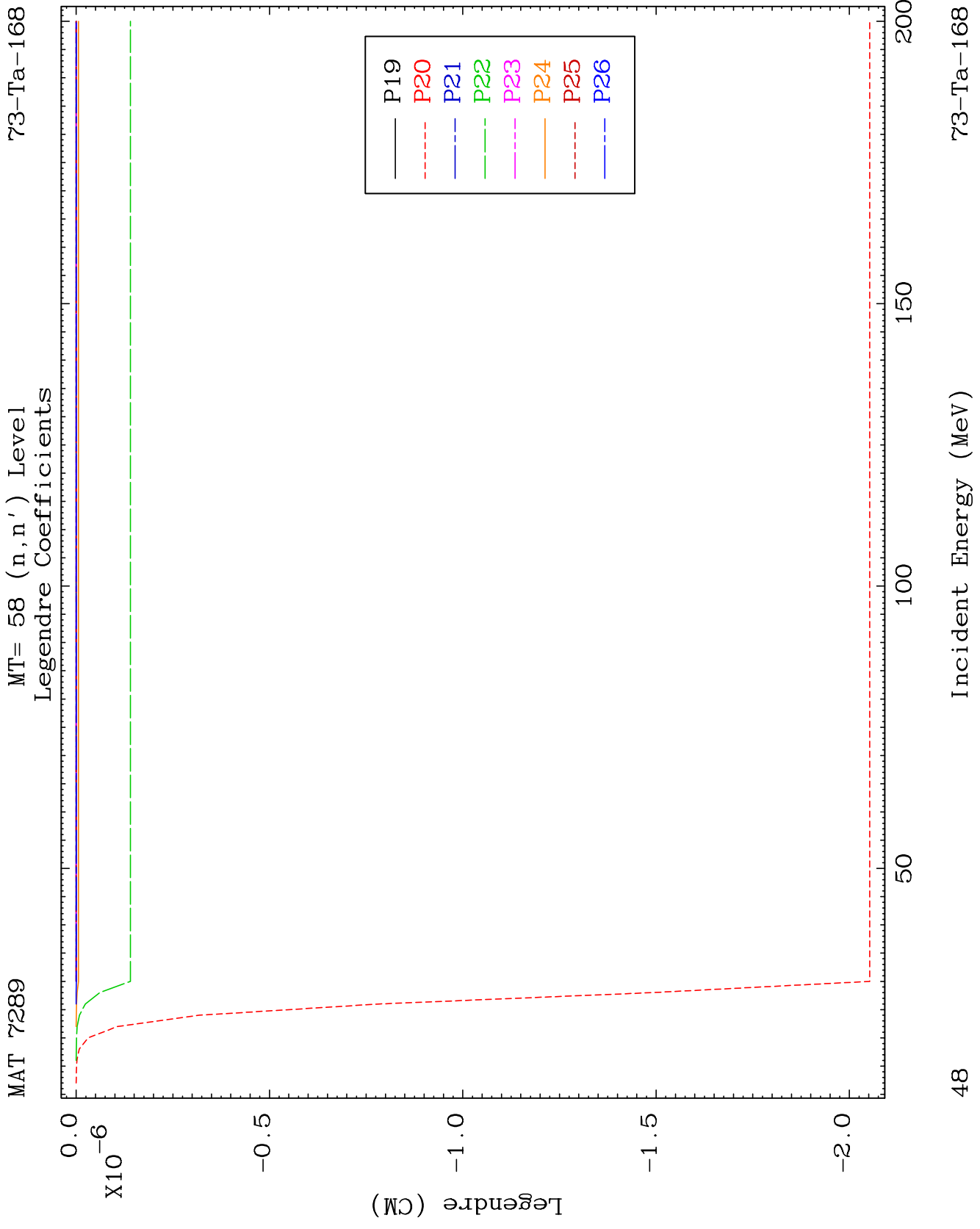
73-Ta-168



47

Incident Energy (MeV)

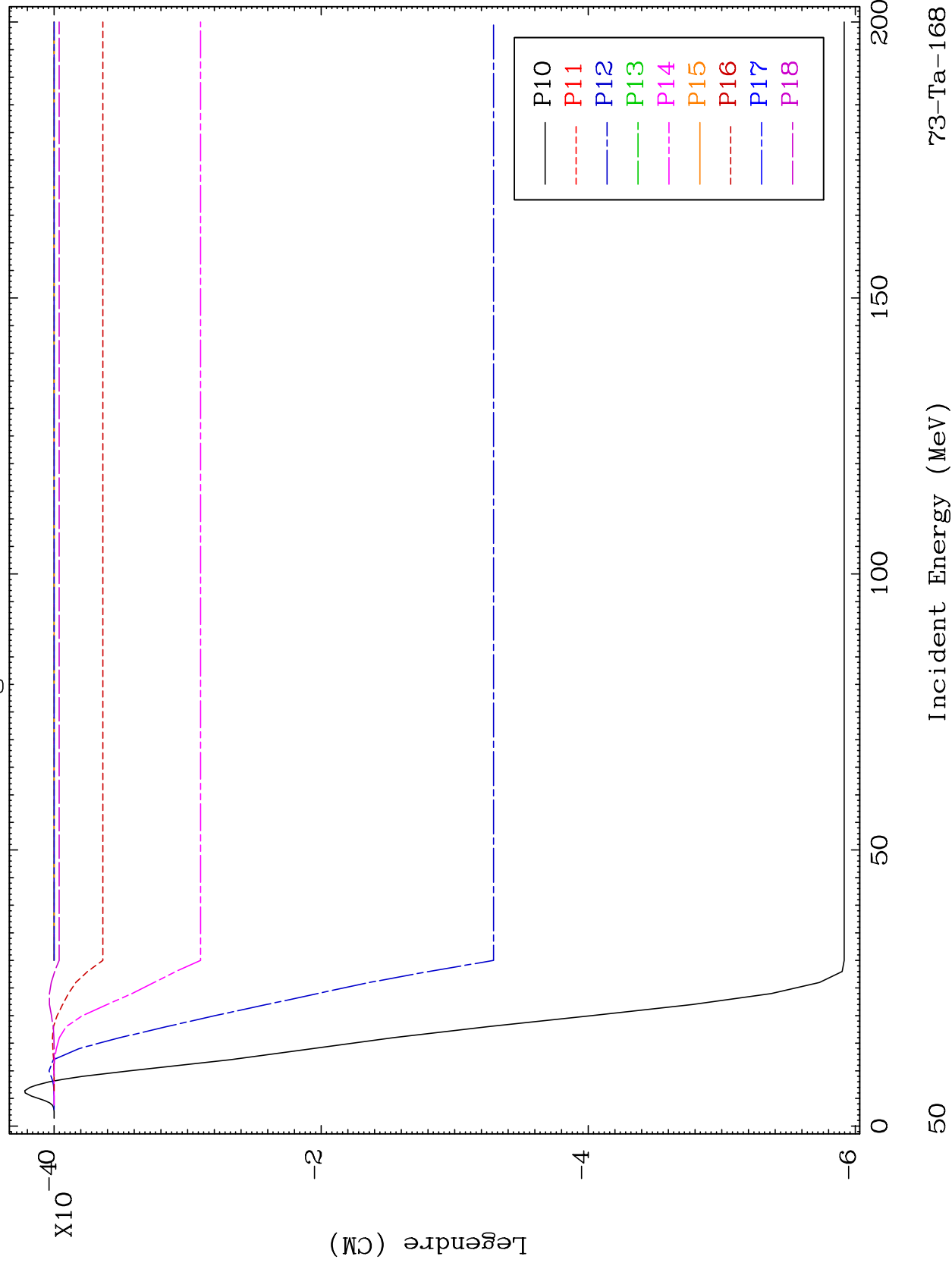
73-Ta-168



MAT 7289

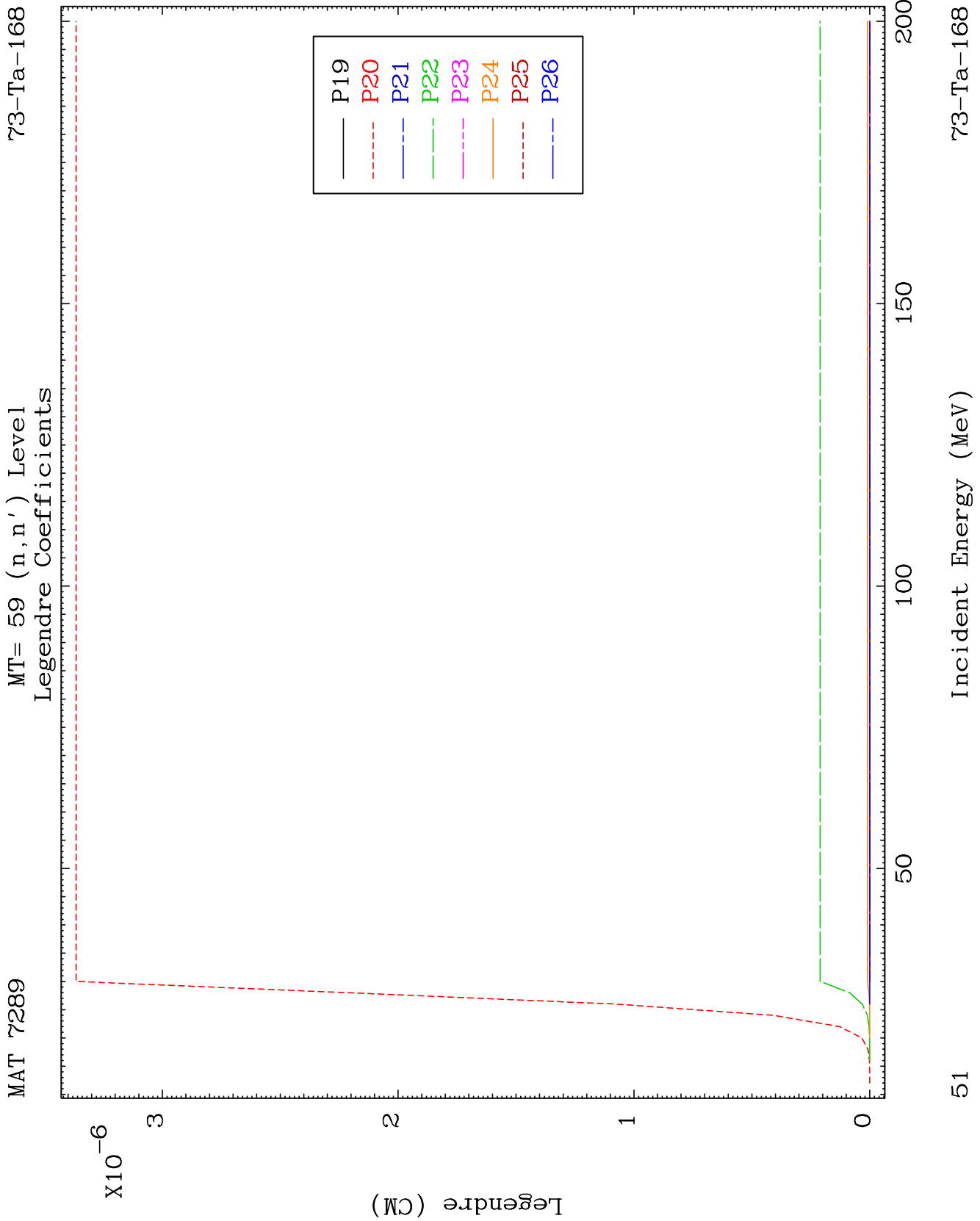
MT= 59 (n,n') Level
Legendre Coefficients

73-Ta-168



73-Ta-168

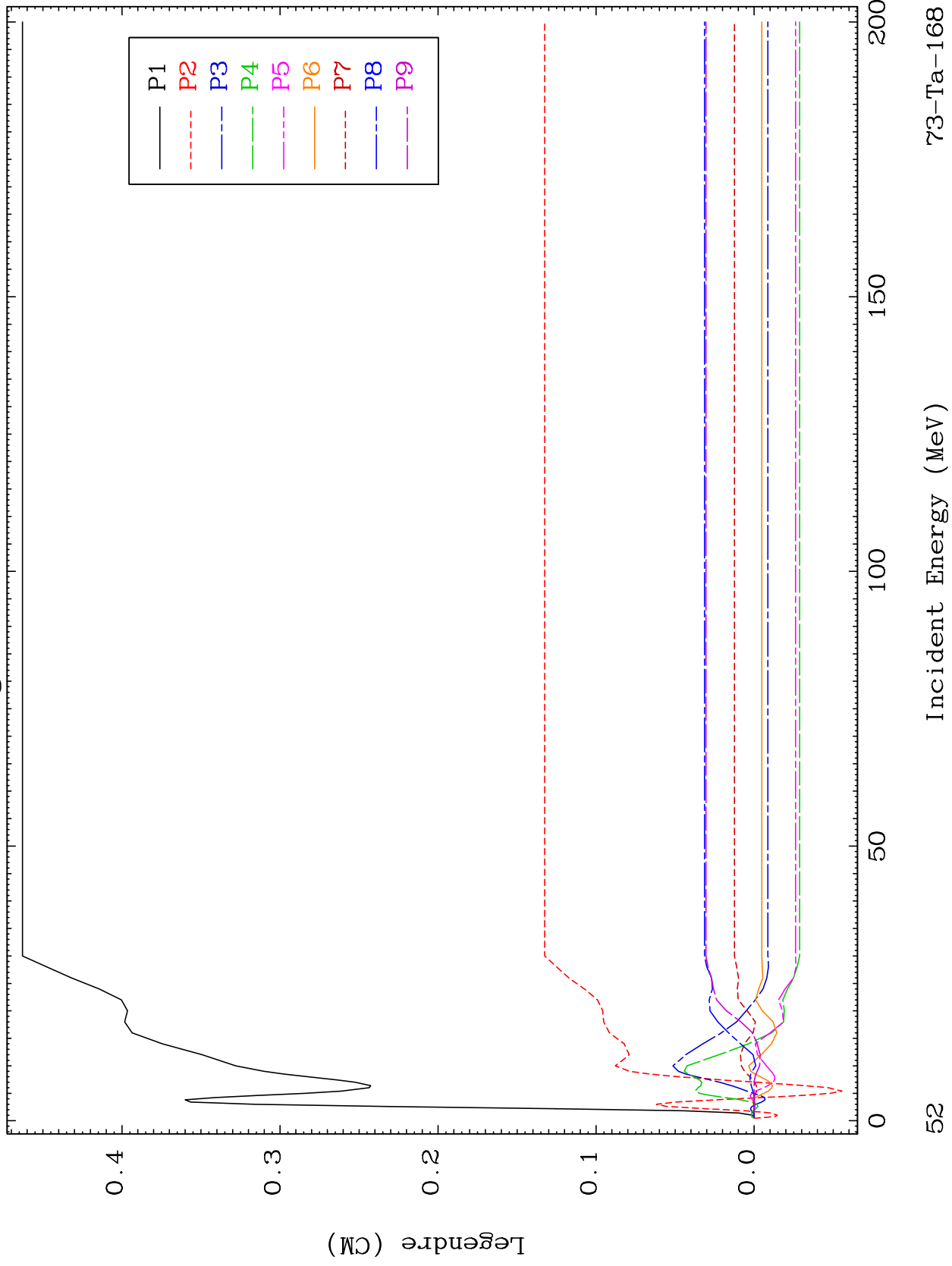
Incident Energy (MeV)



MAT 7289

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

73-Ta-168



73-Ta-168

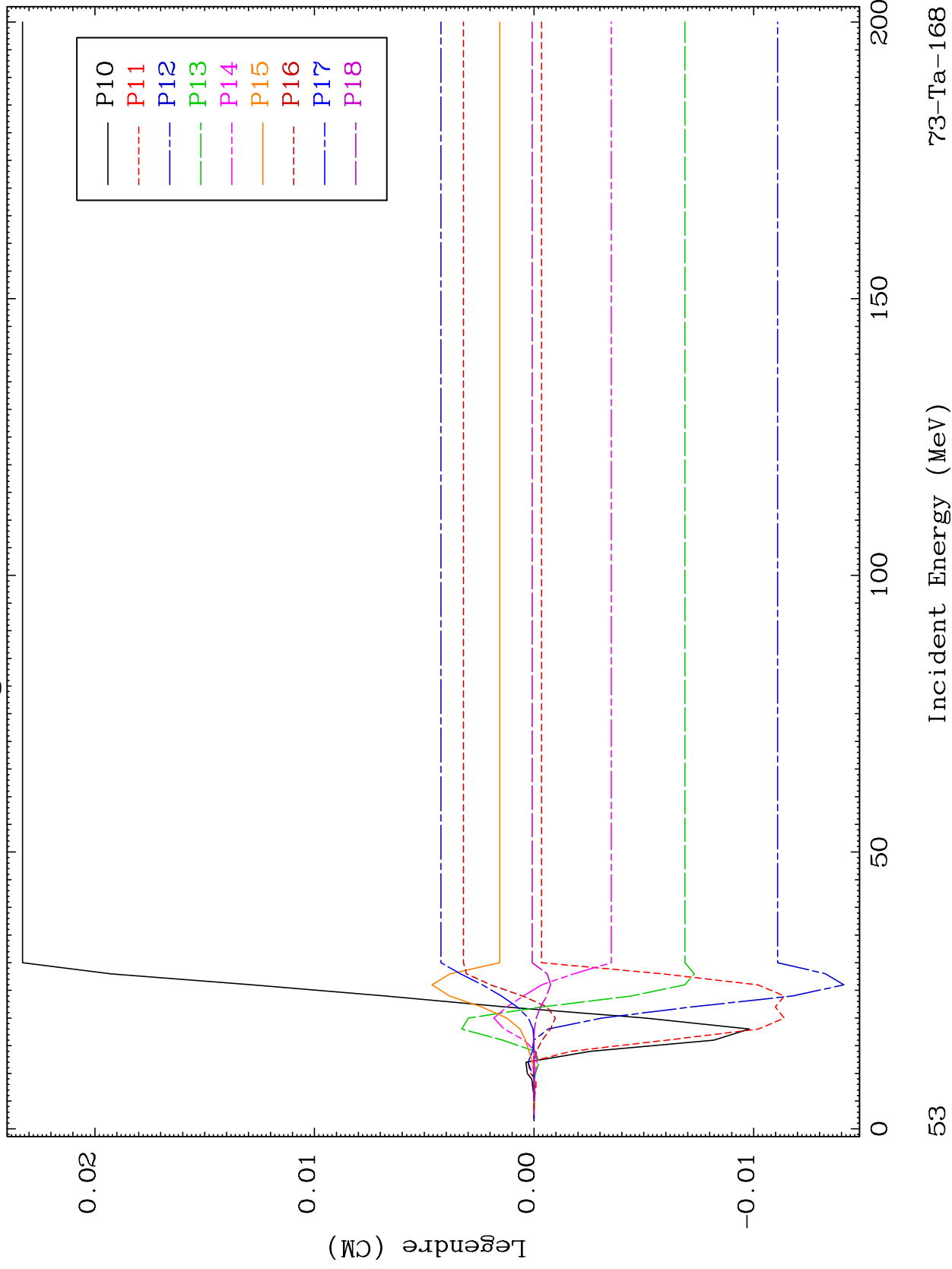
Incident Energy (MeV)

52

MAT 7289

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

73-Ta-168



73-Ta-168

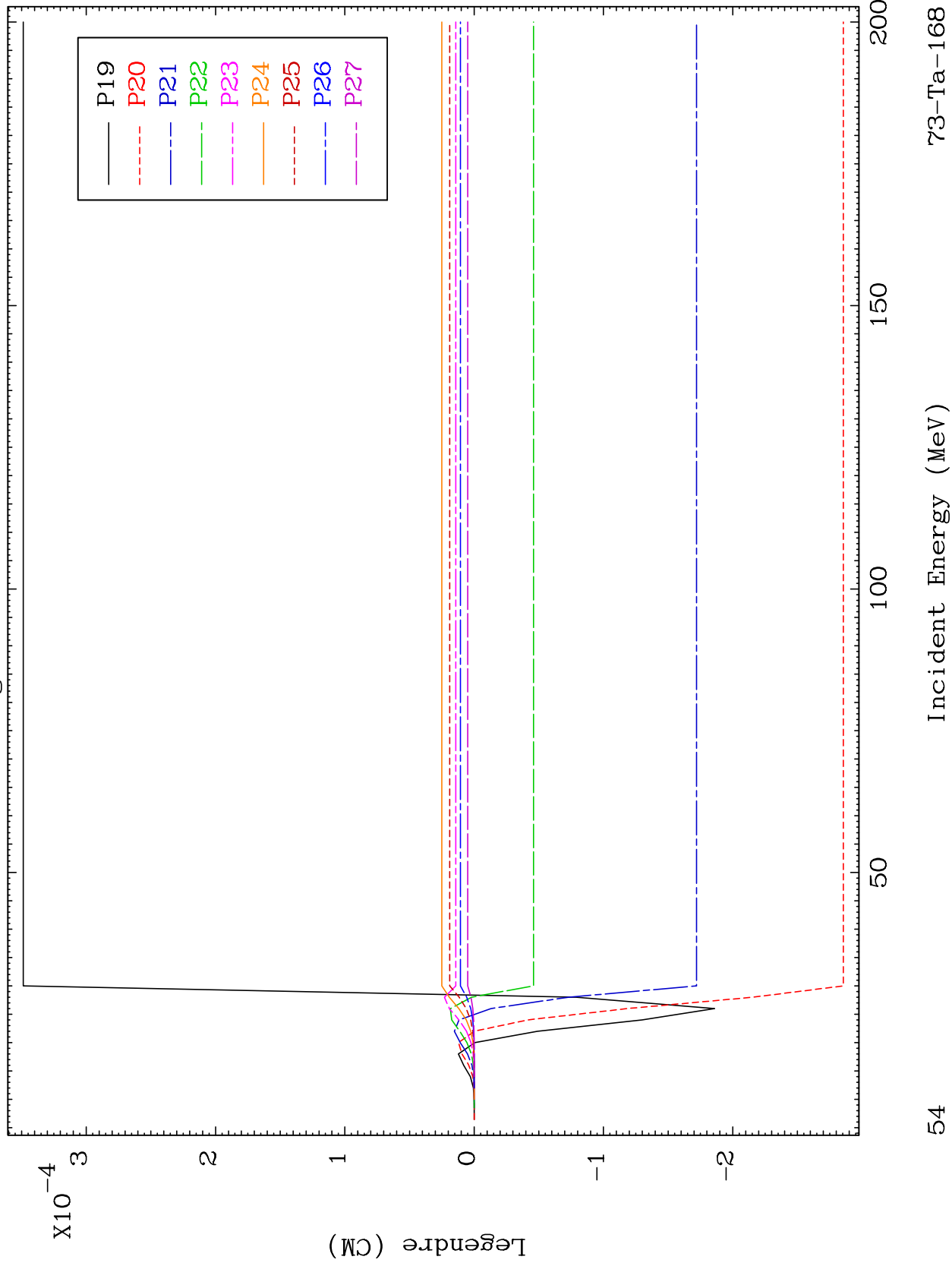
Incident Energy (MeV)

53

MAT 7289

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

73-Ta-168



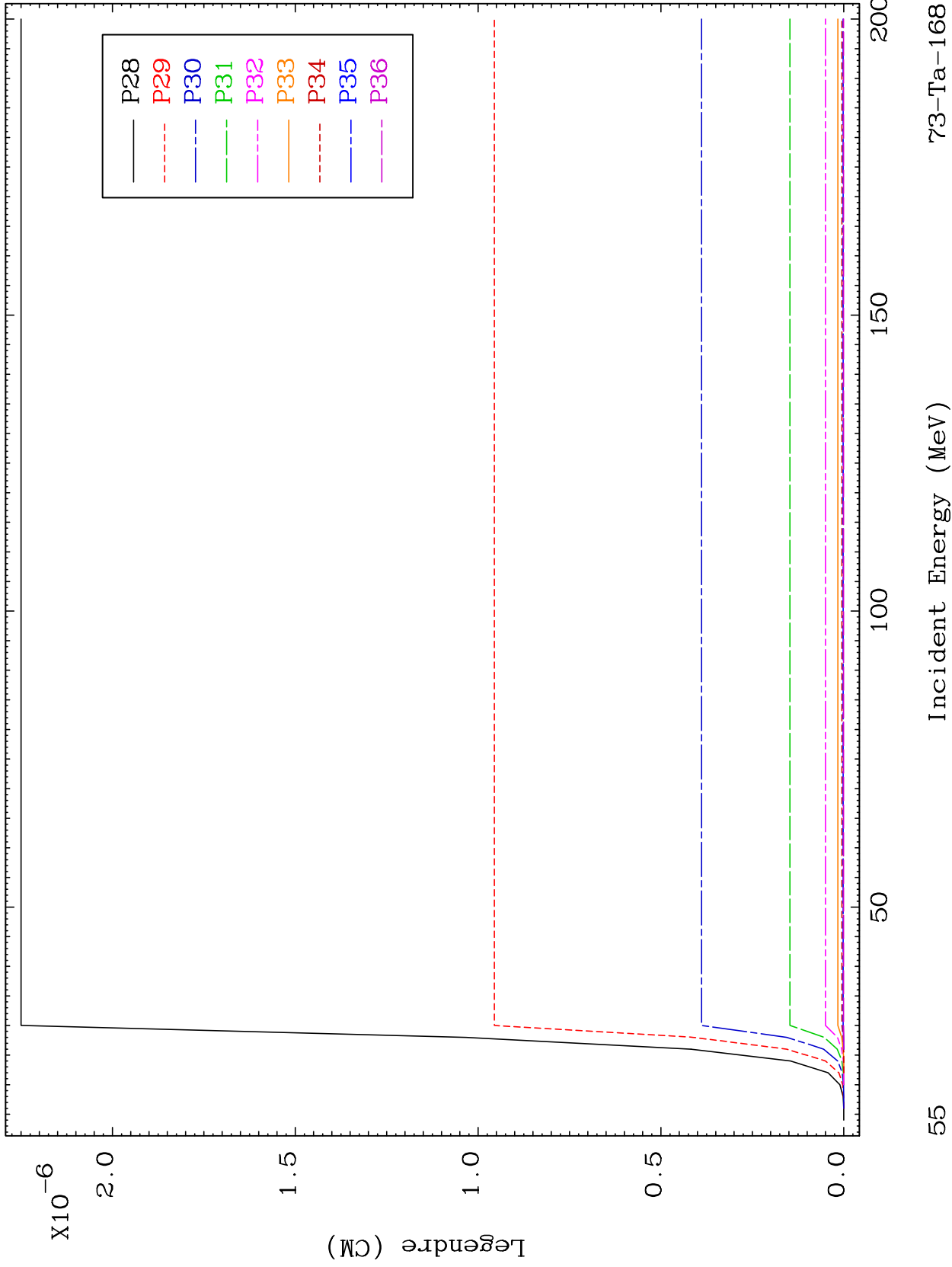
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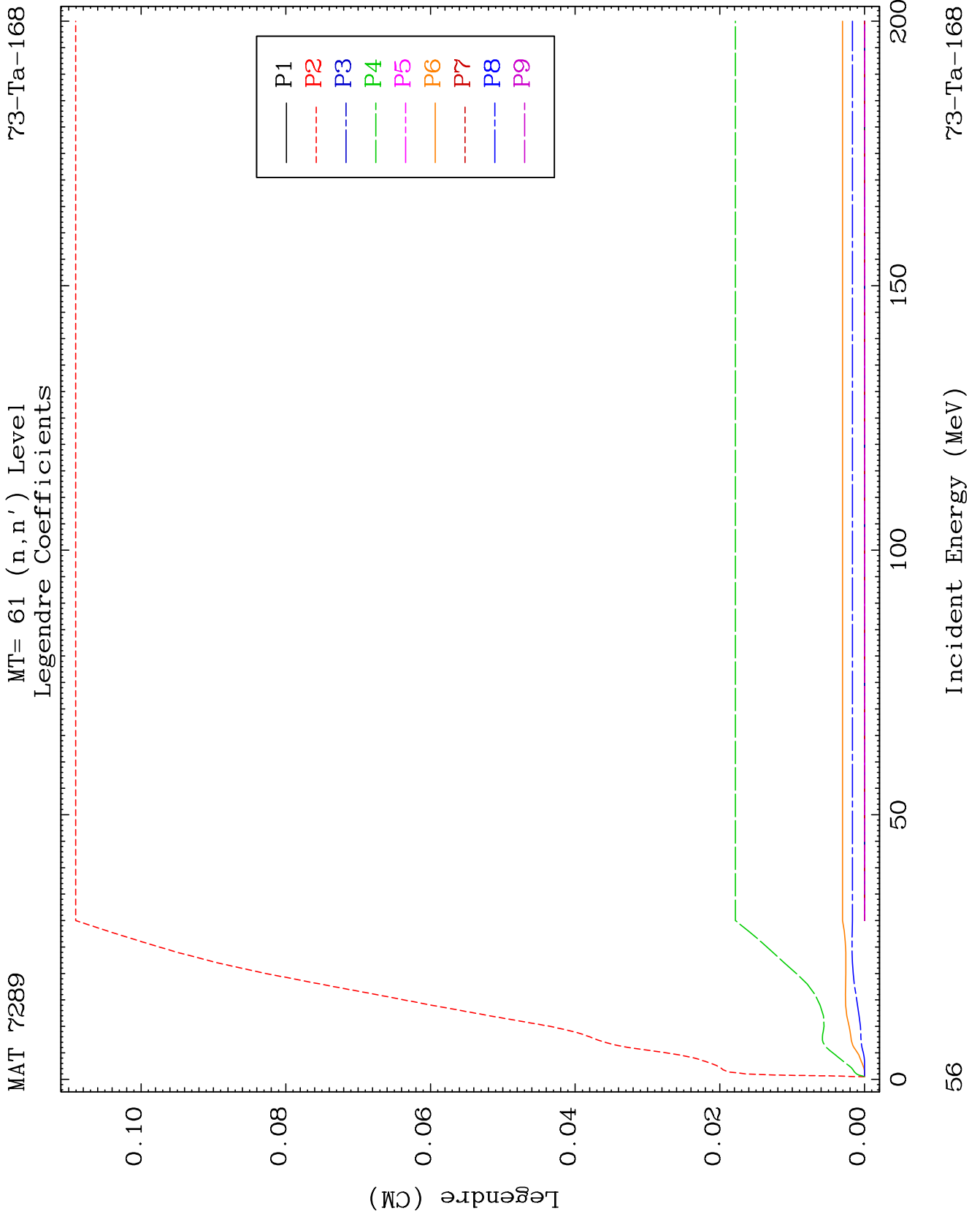
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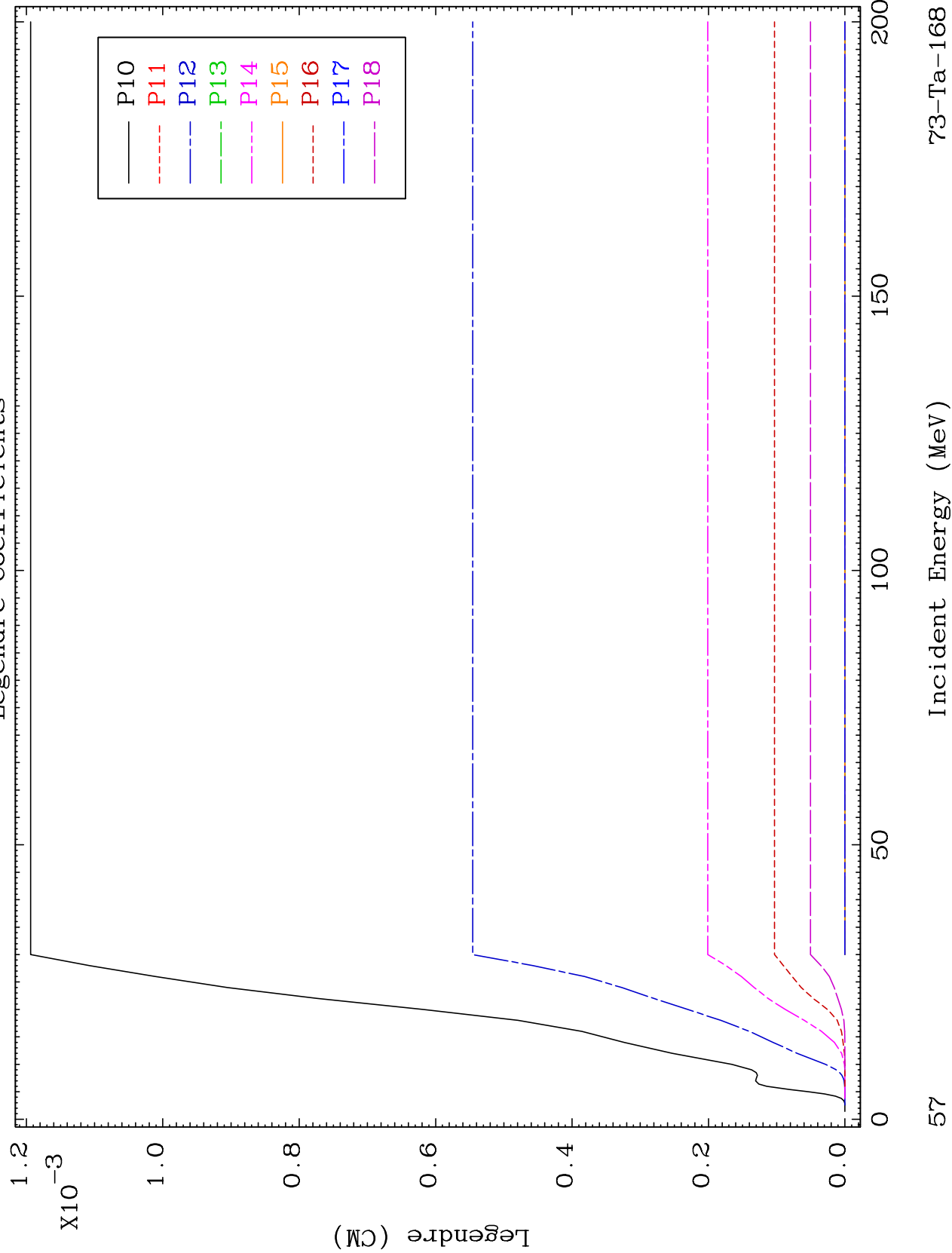
MAT 7289

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

73-Ta-168



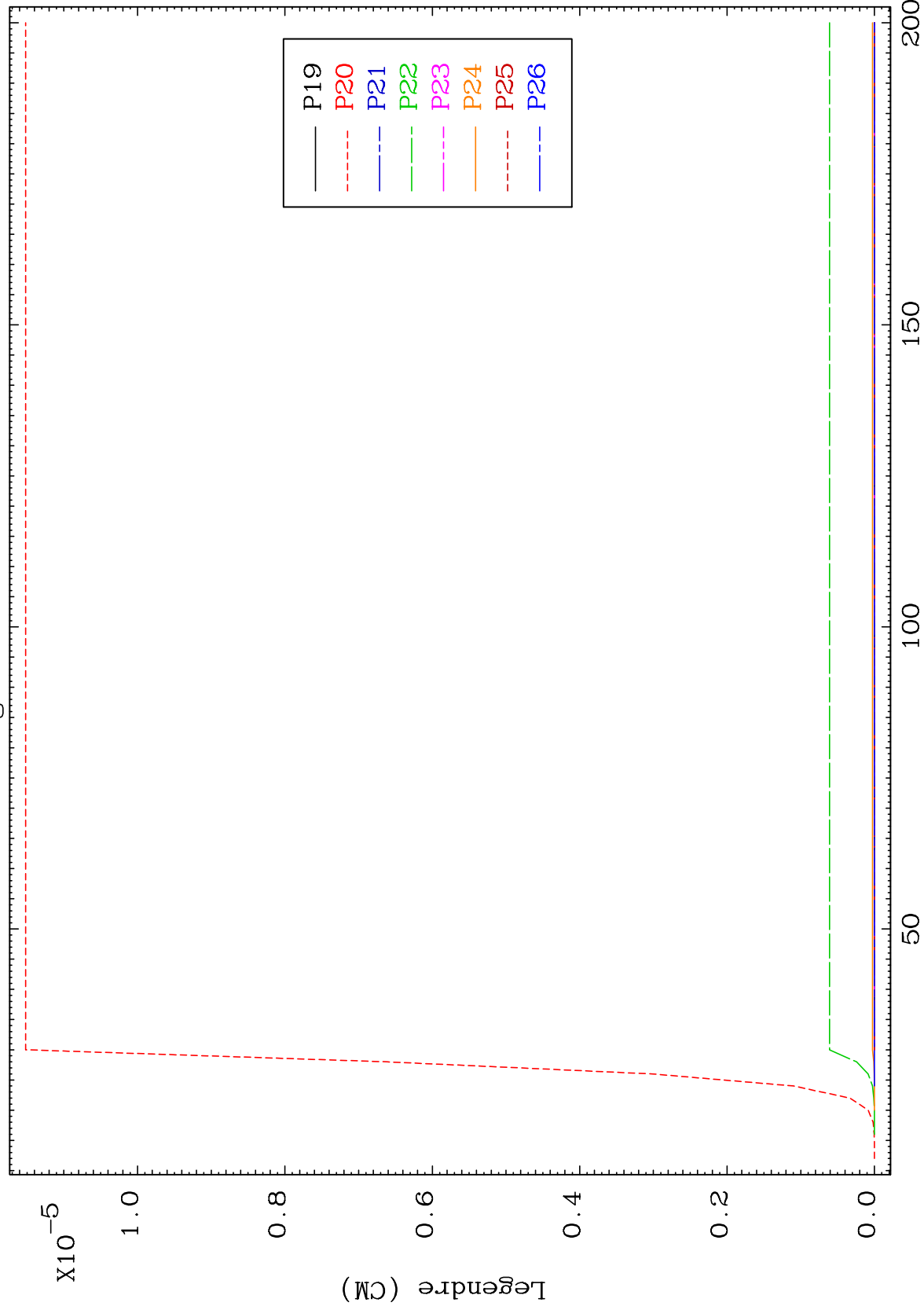




MAT 7289

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

73-Ta-168



73-Ta-168

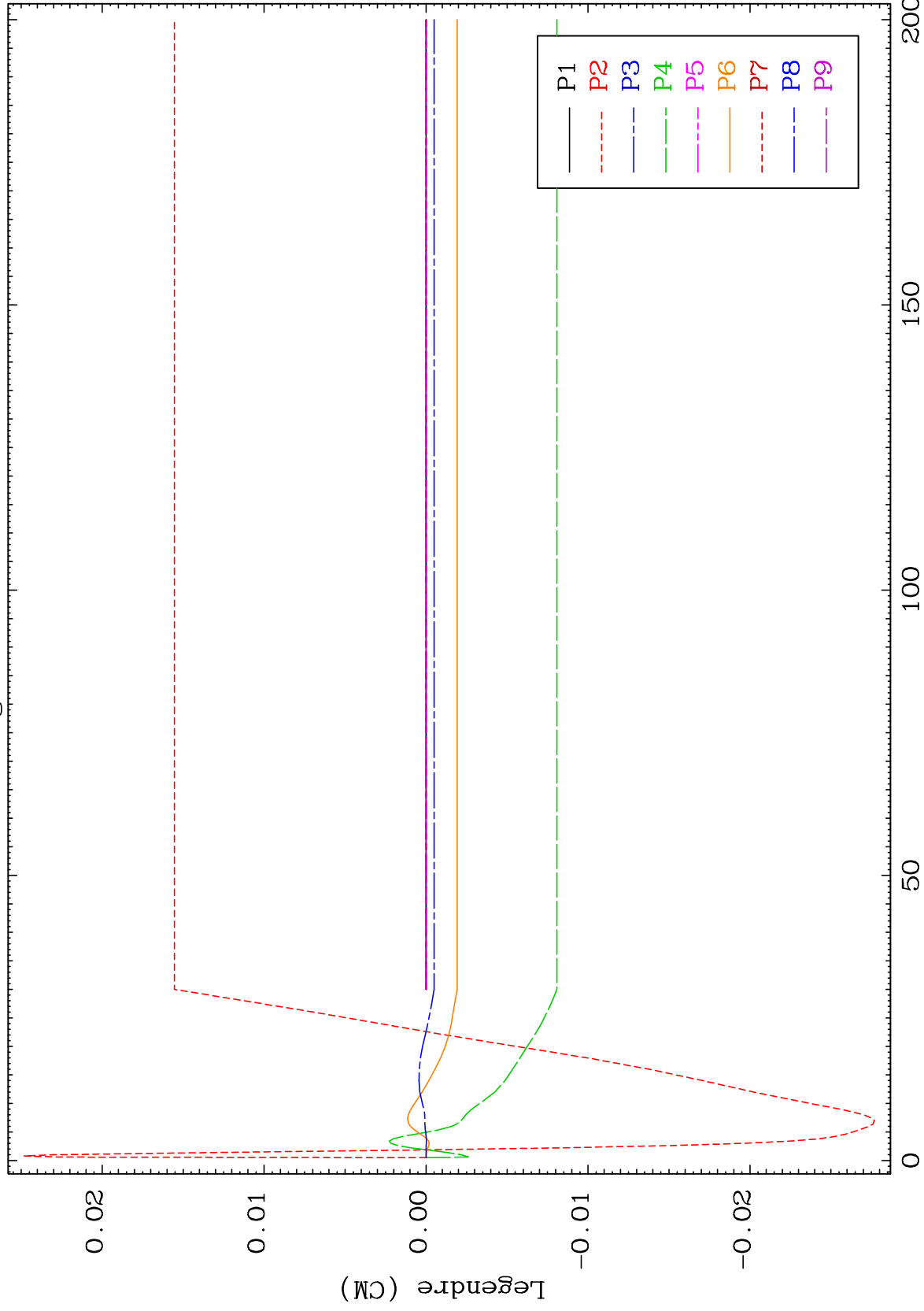
Incident Energy (MeV)

58

MAT 7289

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

73-Ta-168



59

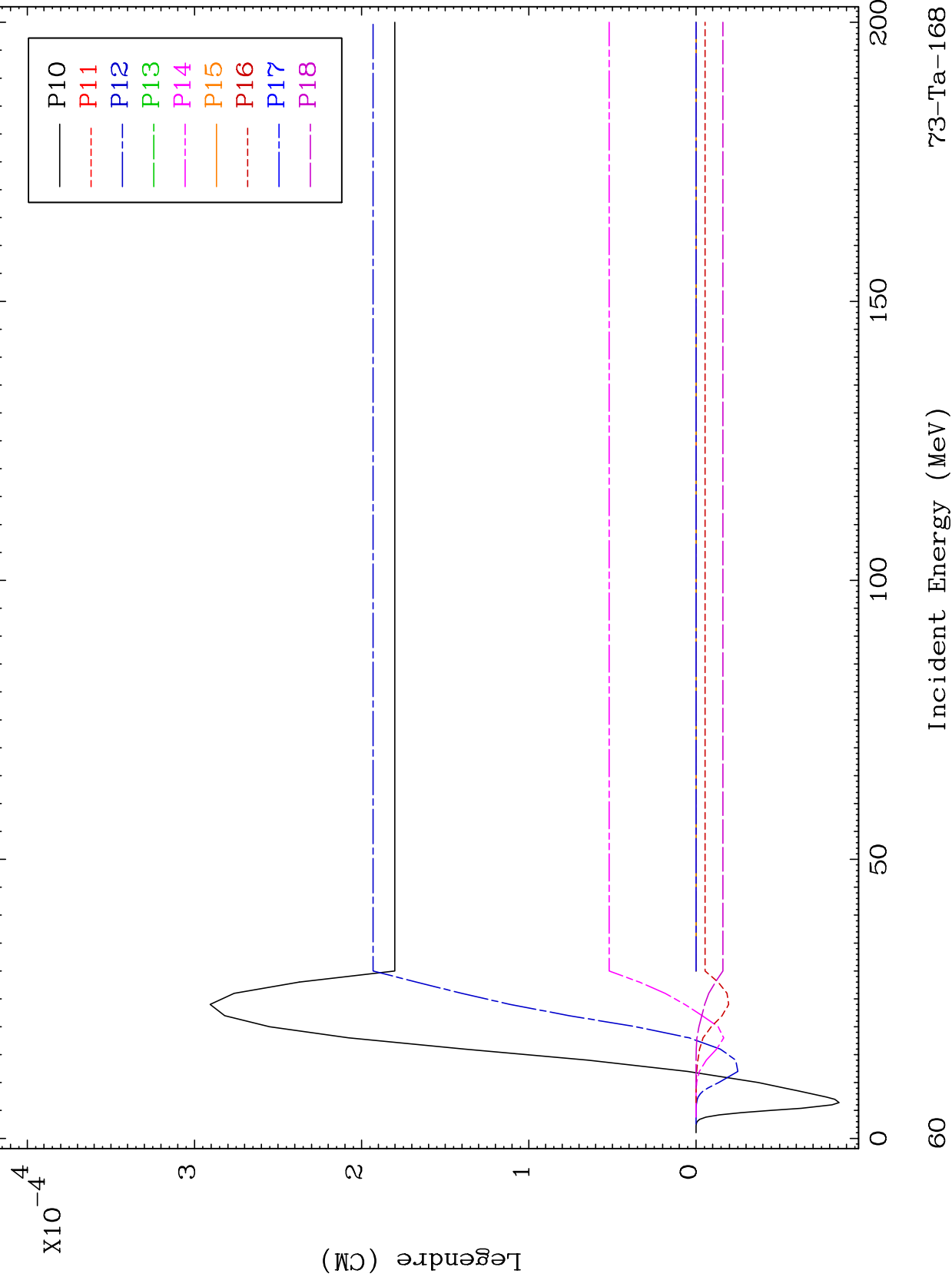
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

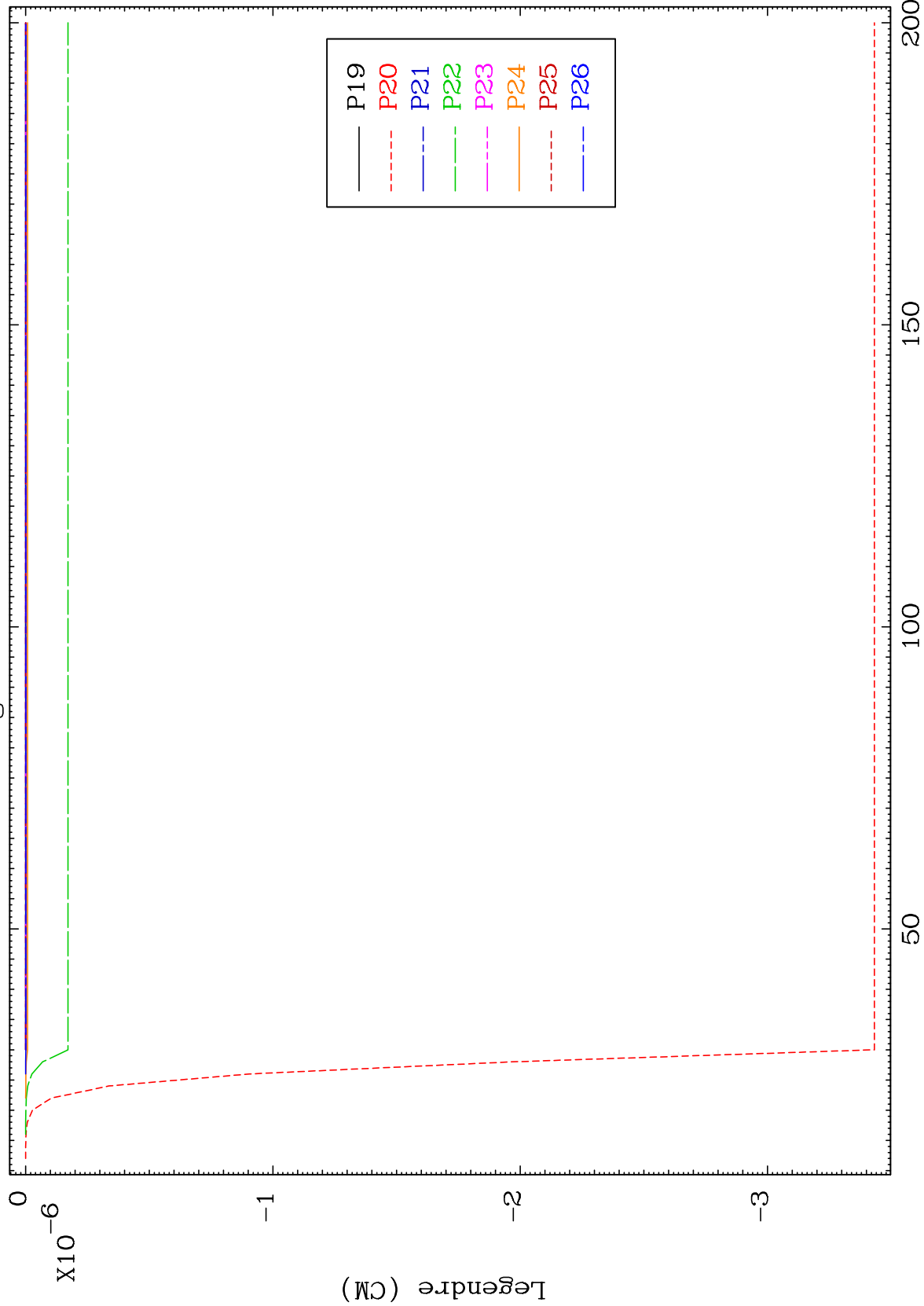
73-Ta-168



MAT 7289

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

73-Ta-168



73-Ta-168

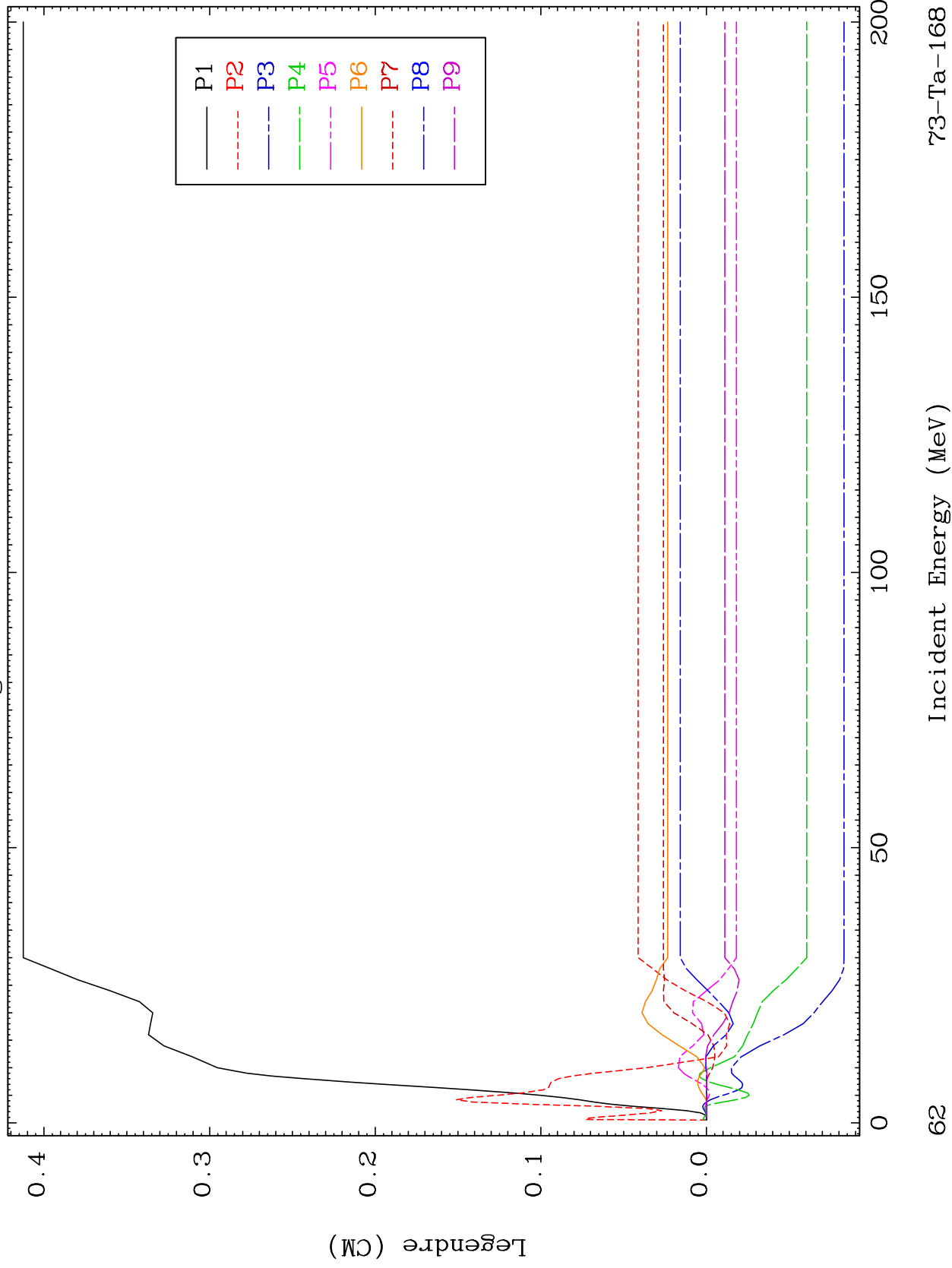
Incident Energy (MeV)

61

MAT 7289

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

73-Ta-168



73-Ta-168

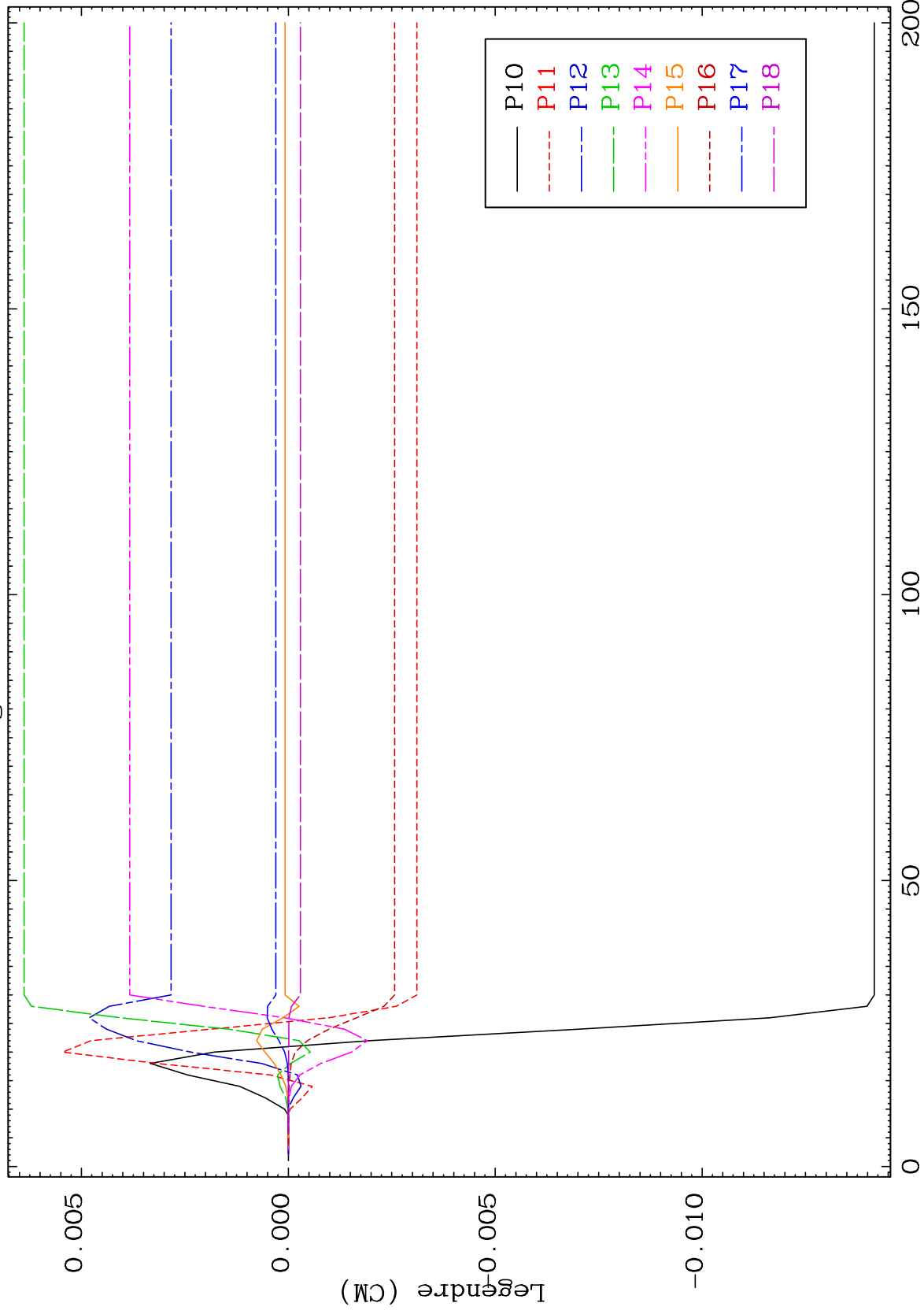
Incident Energy (MeV)

62

MAT 7289

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

73-Ta-168



63

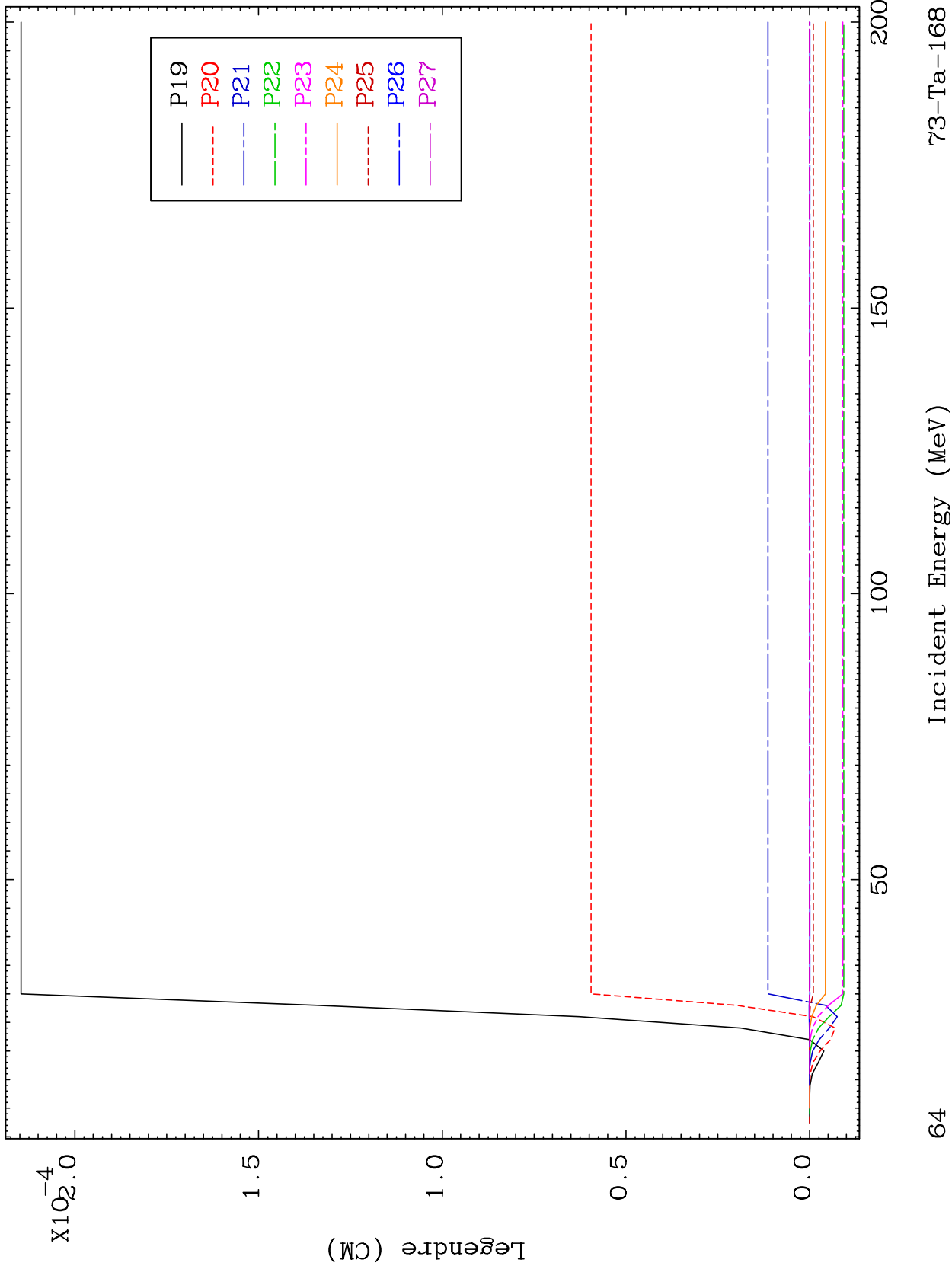
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



64

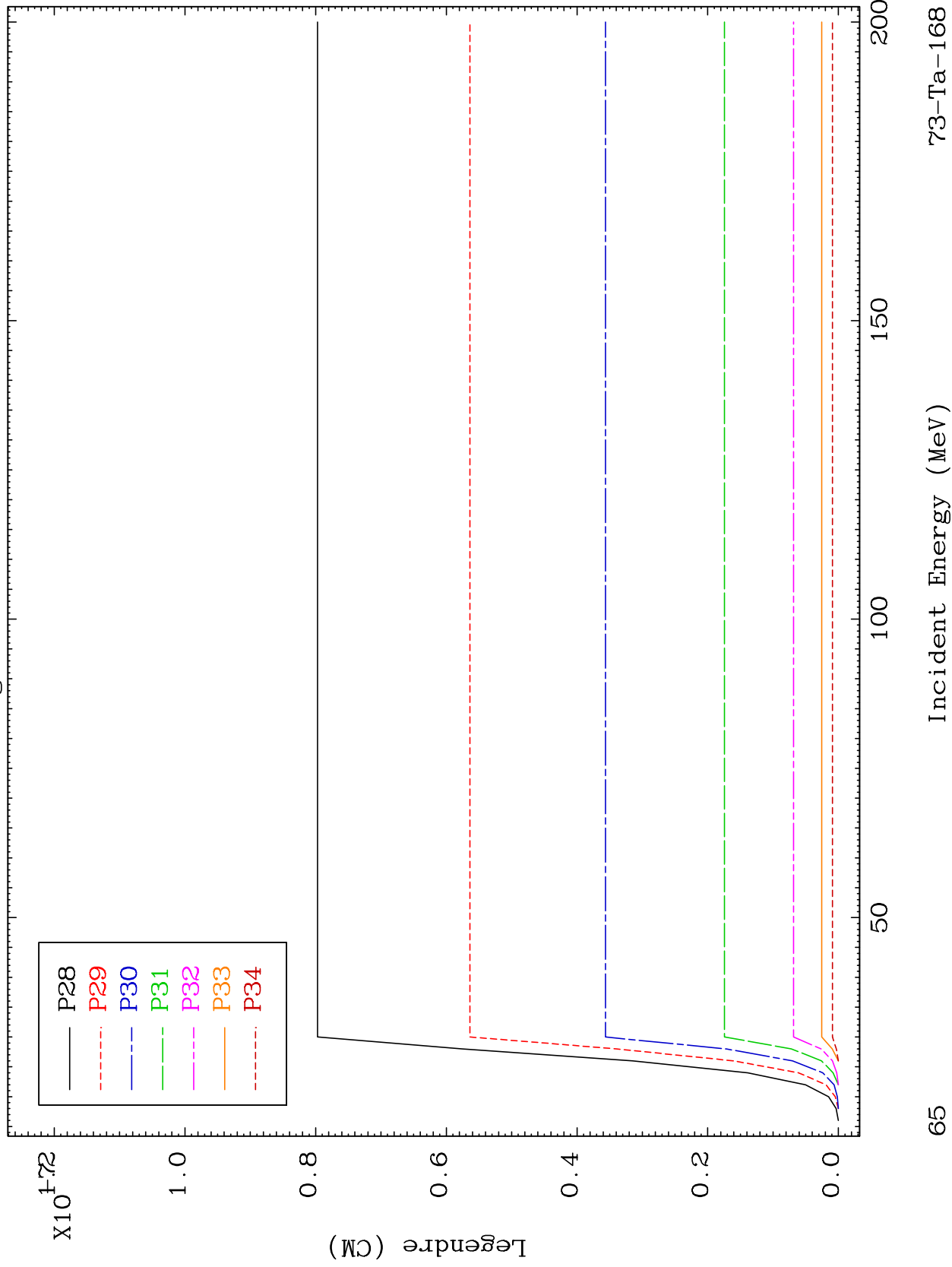
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



73-Ta-168

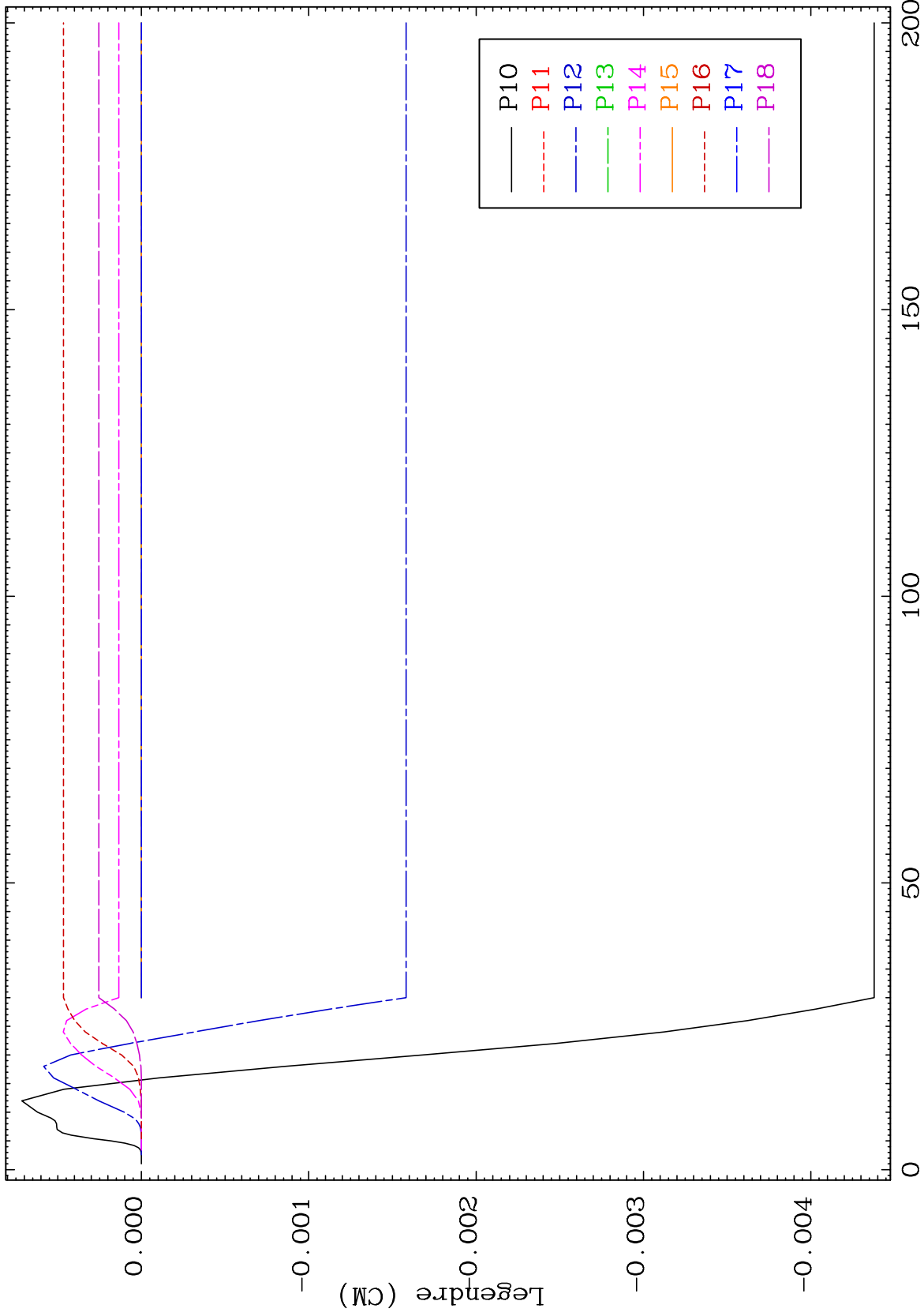
Incident Energy (MeV)

65

MAT 7289

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

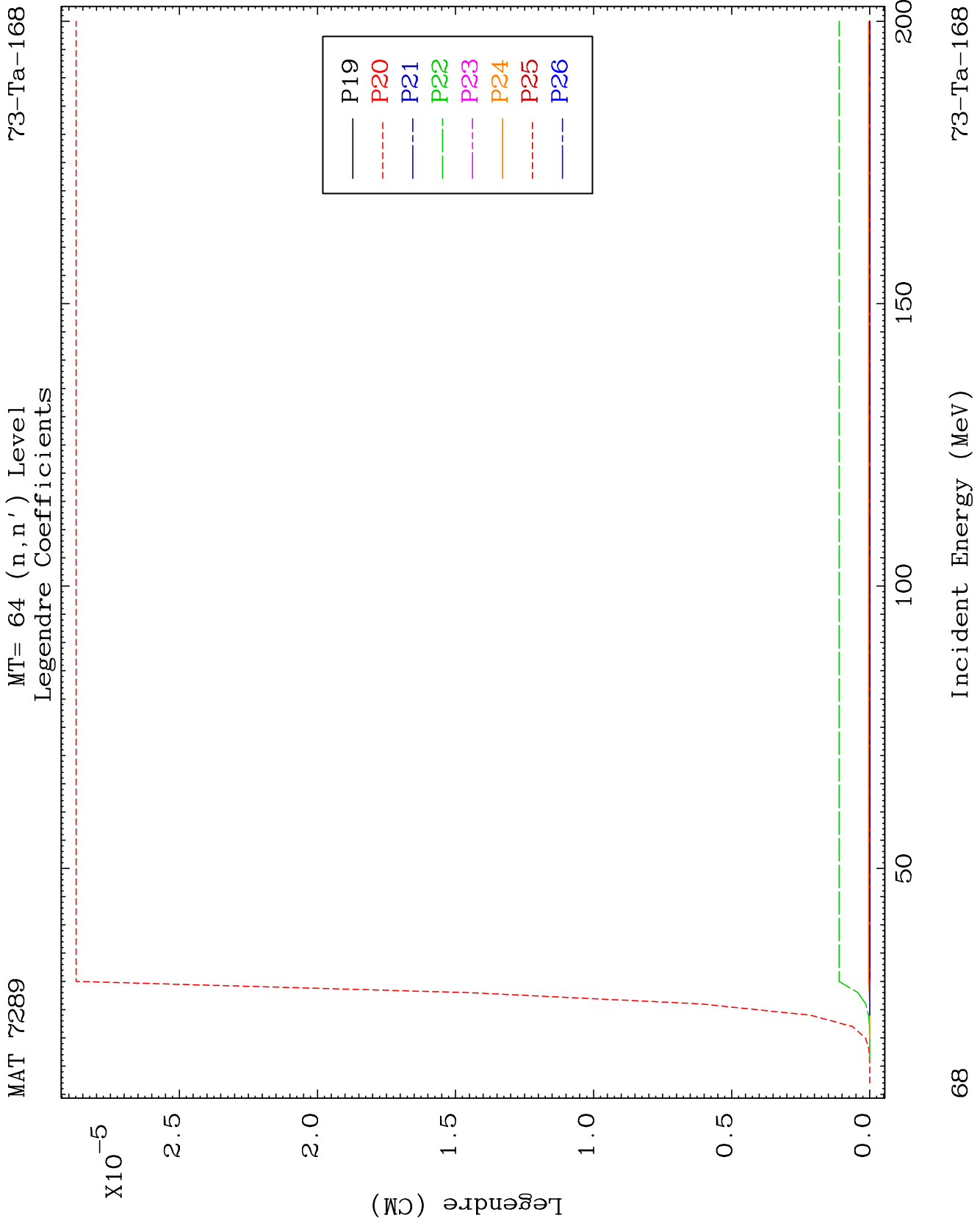
73-Ta-168



67

Incident Energy (MeV)

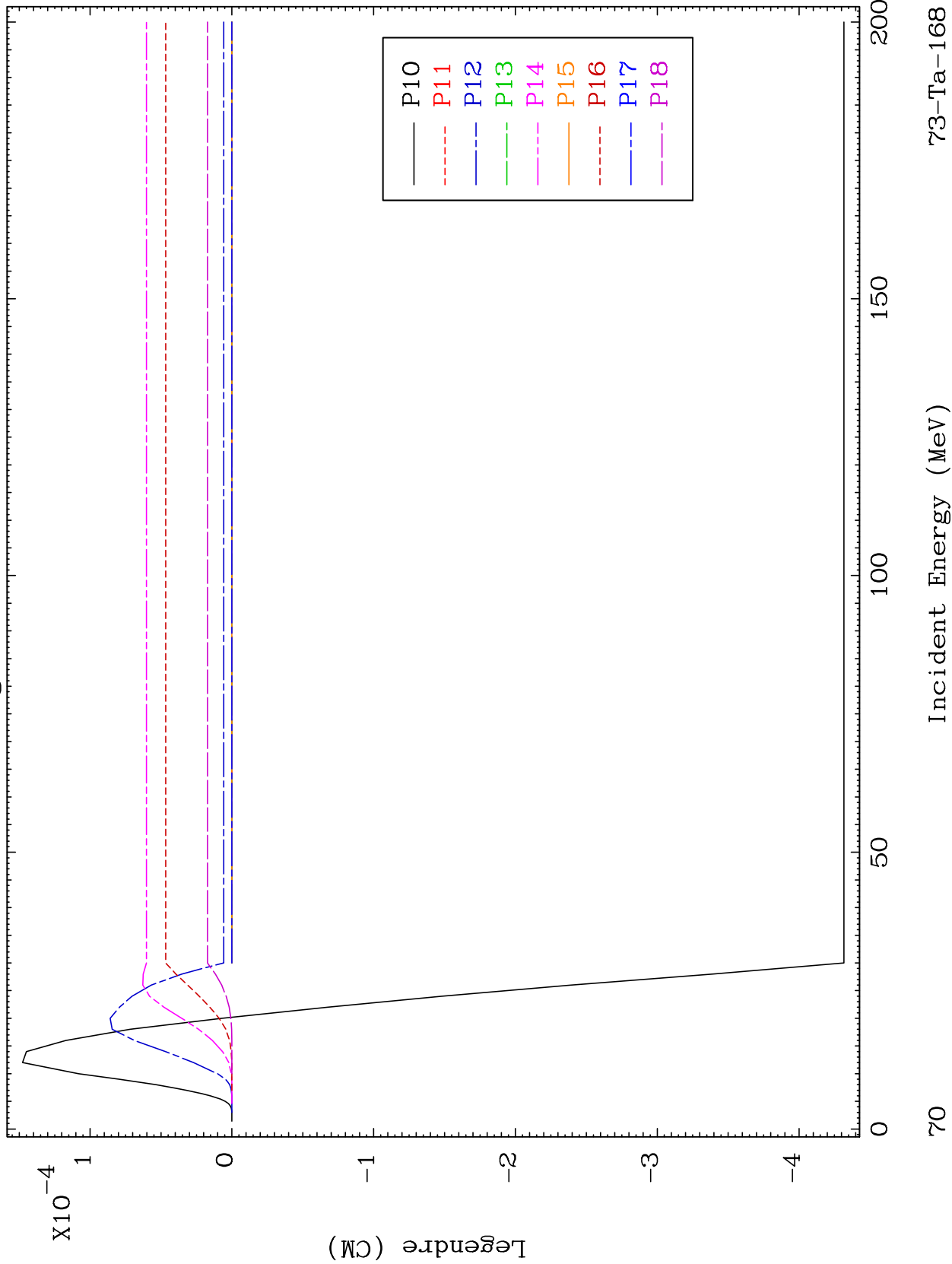
73-Ta-168



MAT 7289

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

73-Ta-168



73-Ta-168

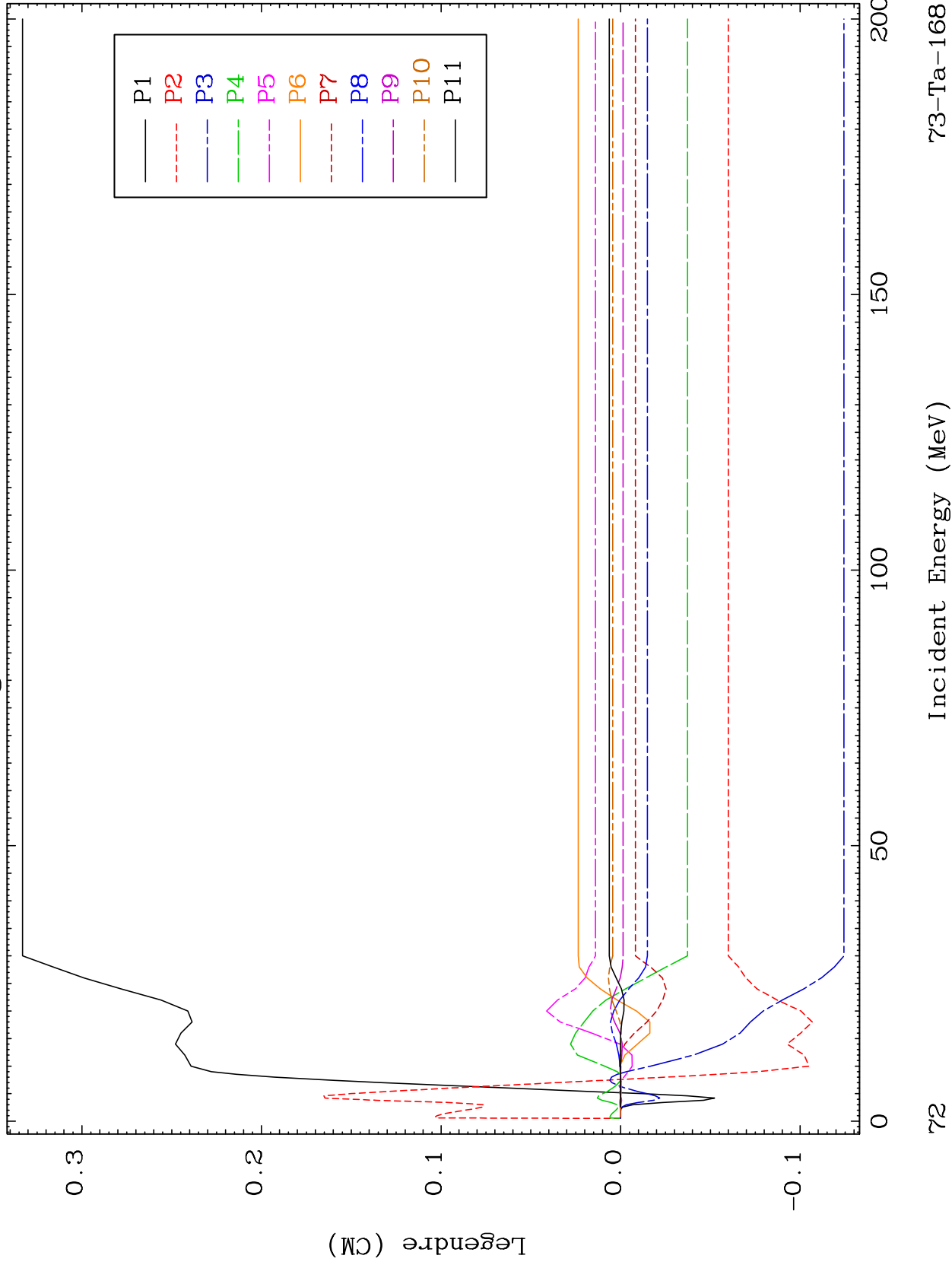
Incident Energy (MeV)

70

MAT 7289

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

73-Ta-168



73-Ta-168

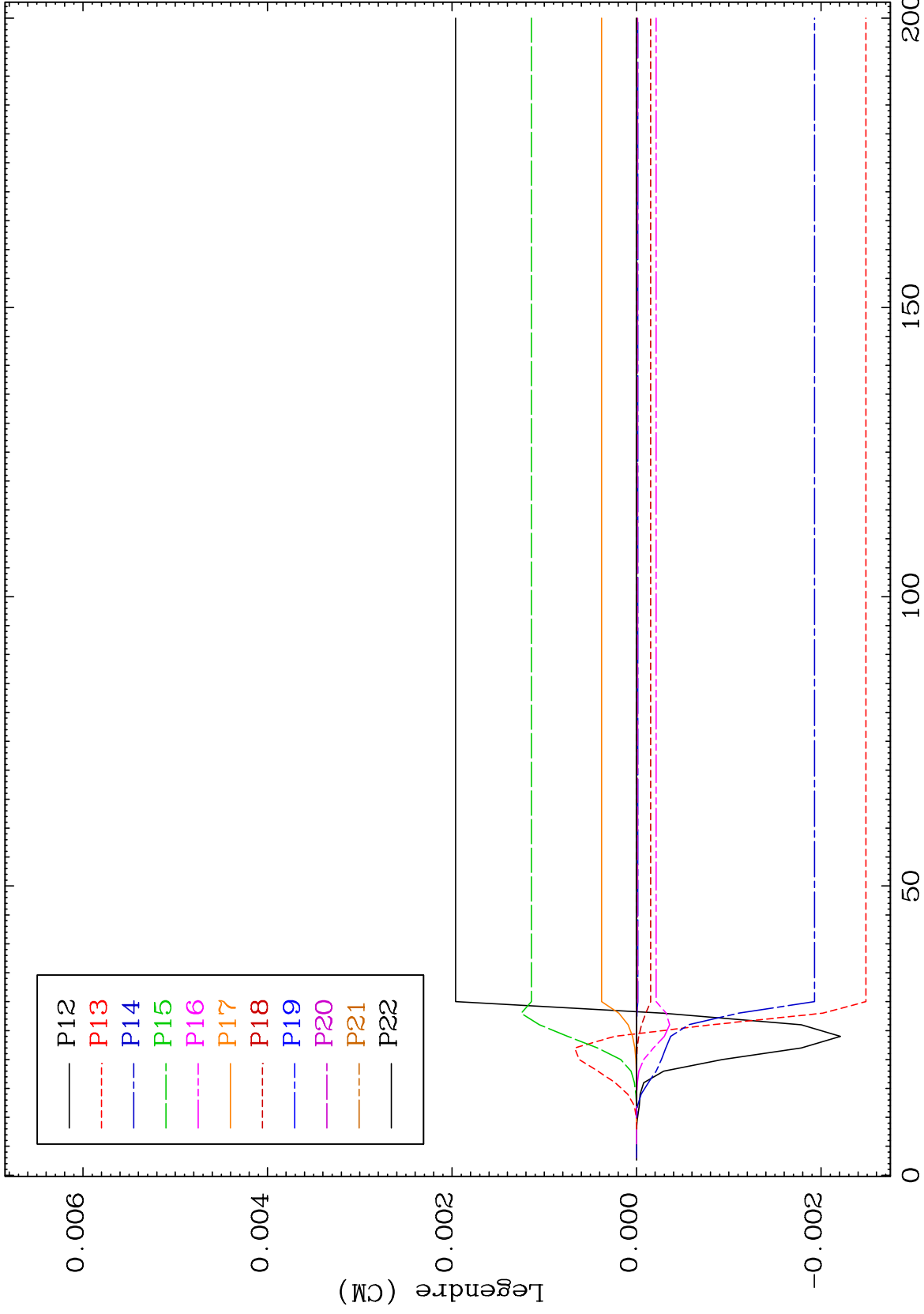
Incident Energy (MeV)

72

MAT 7289

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

73-Ta-168



73

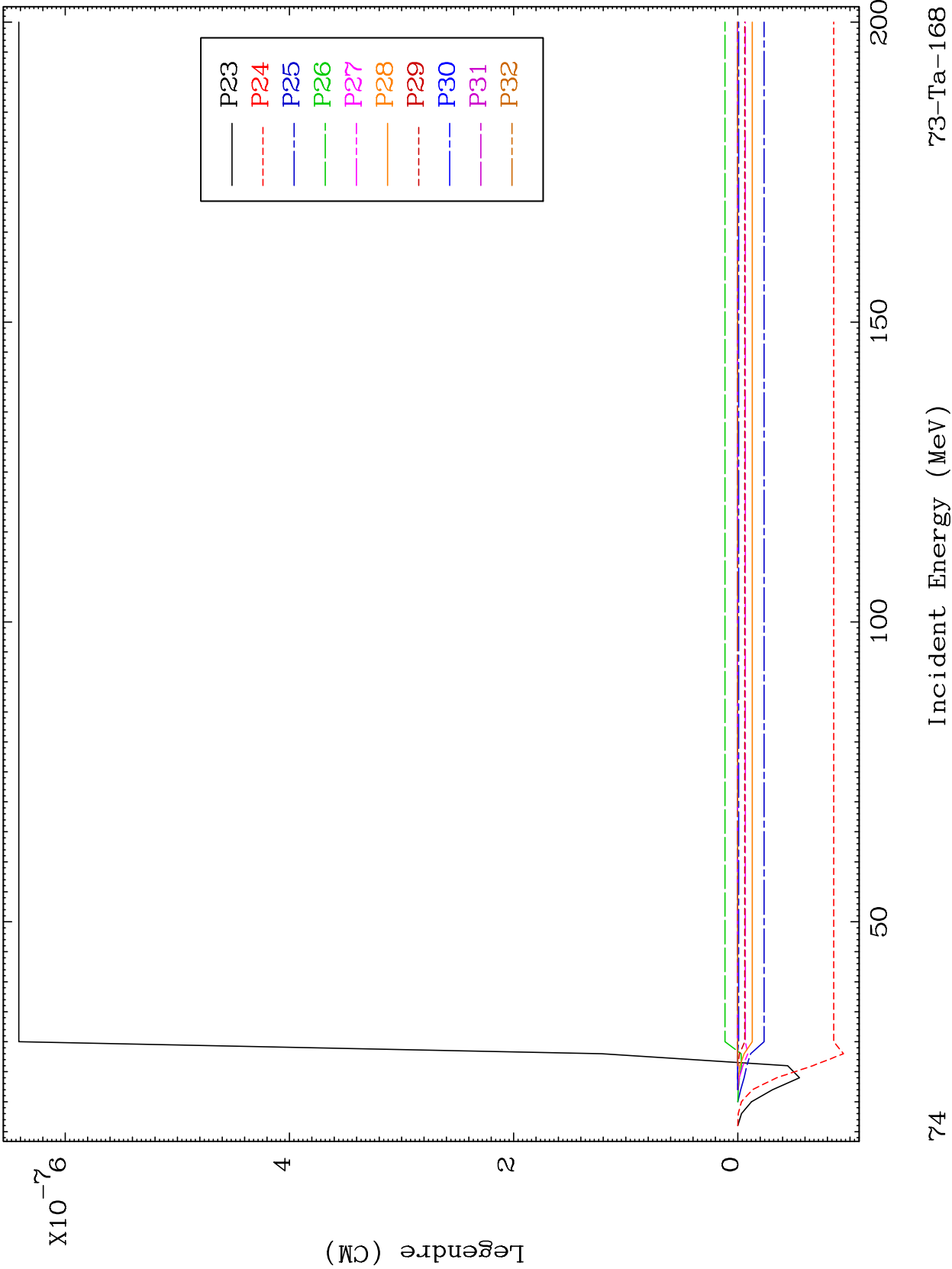
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

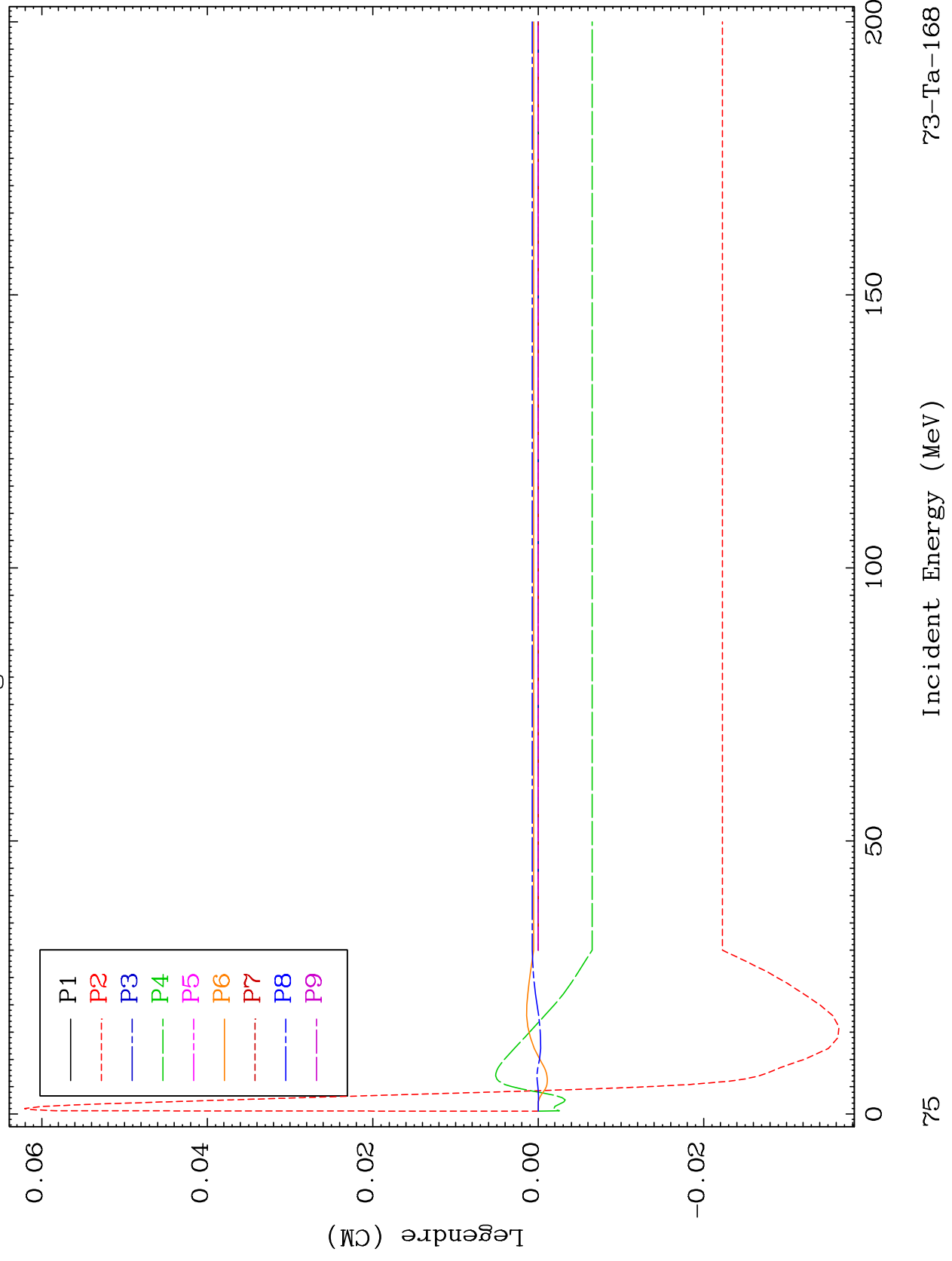
73-Ta-168



MAT 7289

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

⁷³Ta-168



⁷³Ta-168

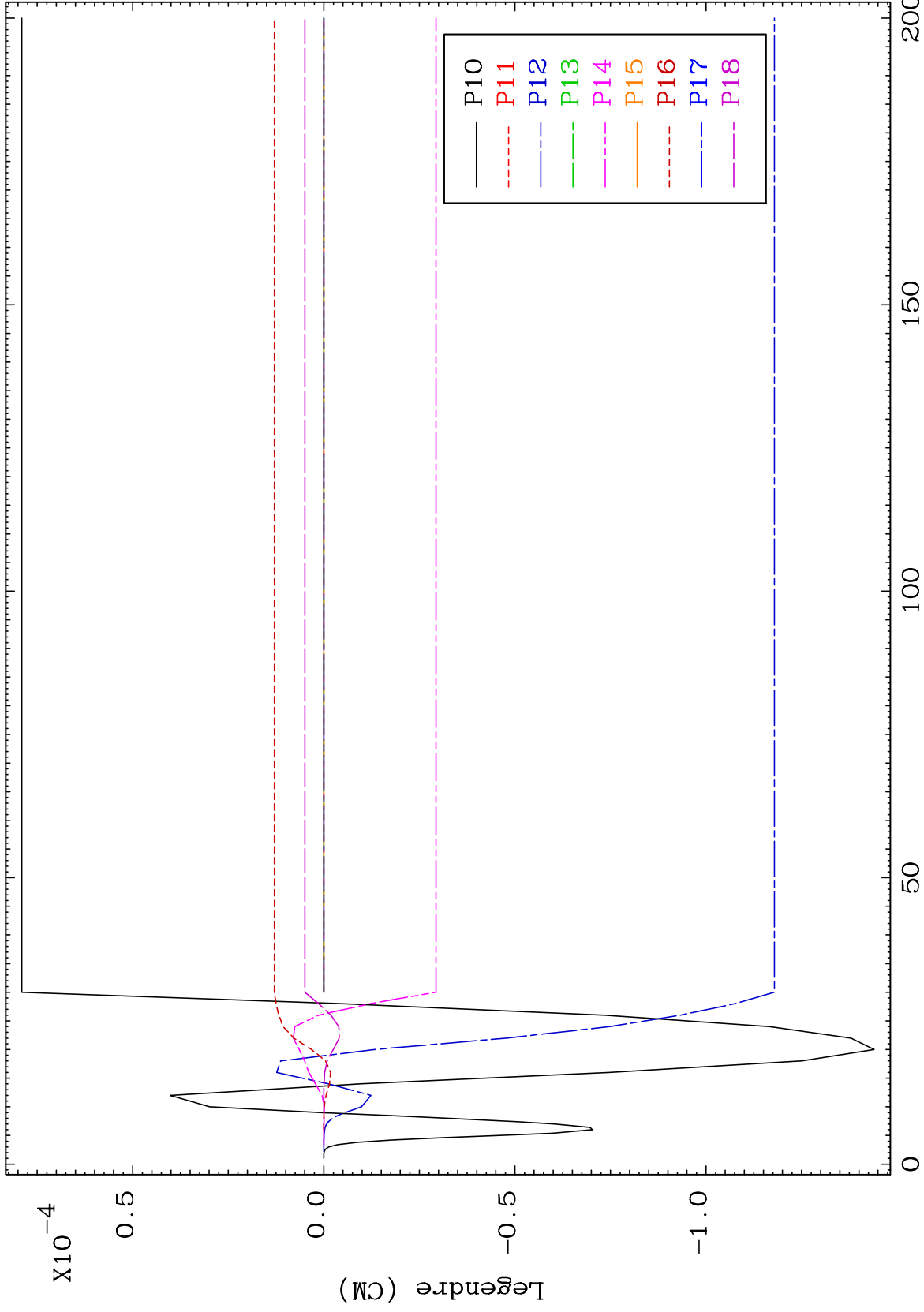
Incident Energy (MeV)

75

MAT 7289

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

73-Ta-168



76

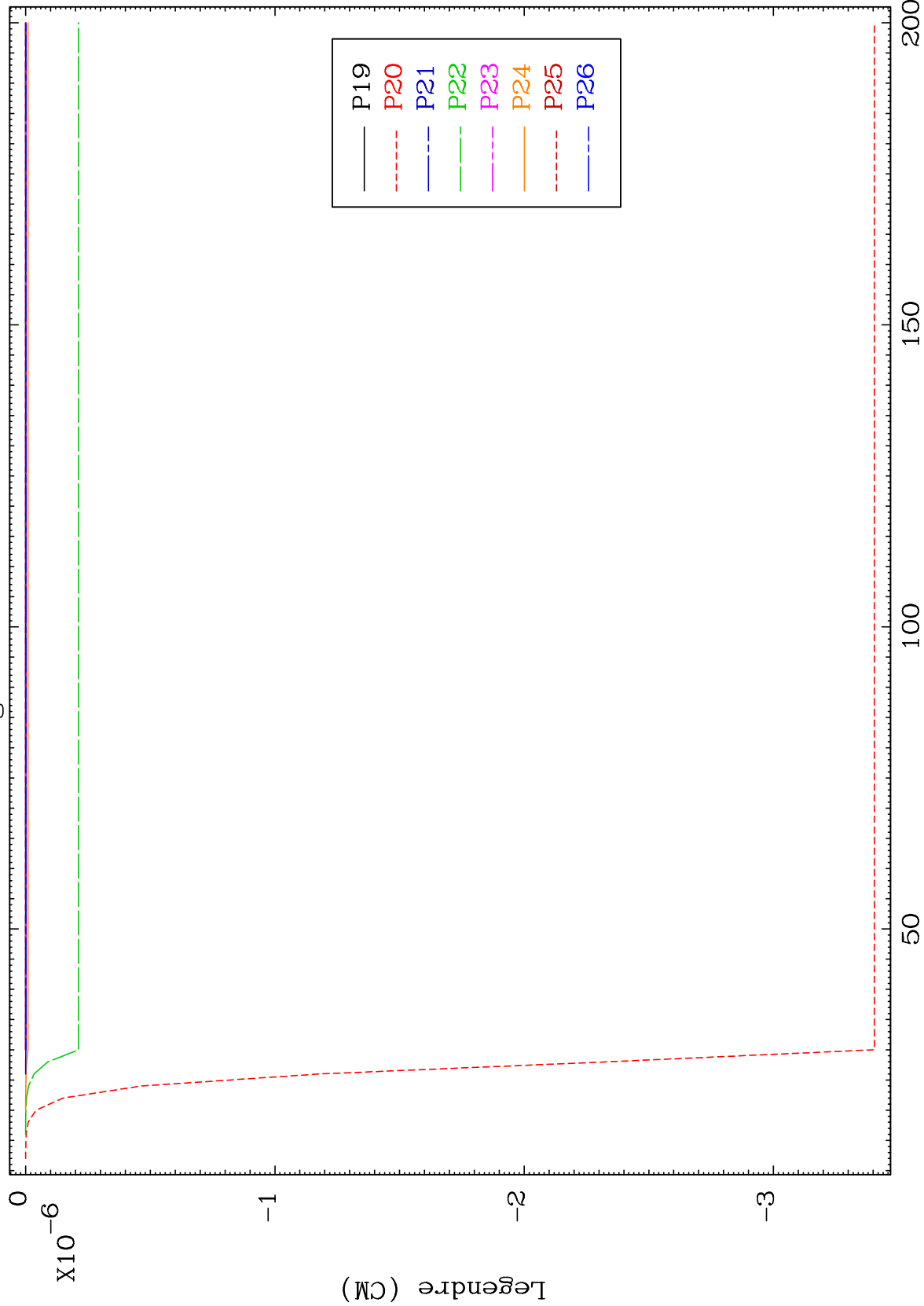
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

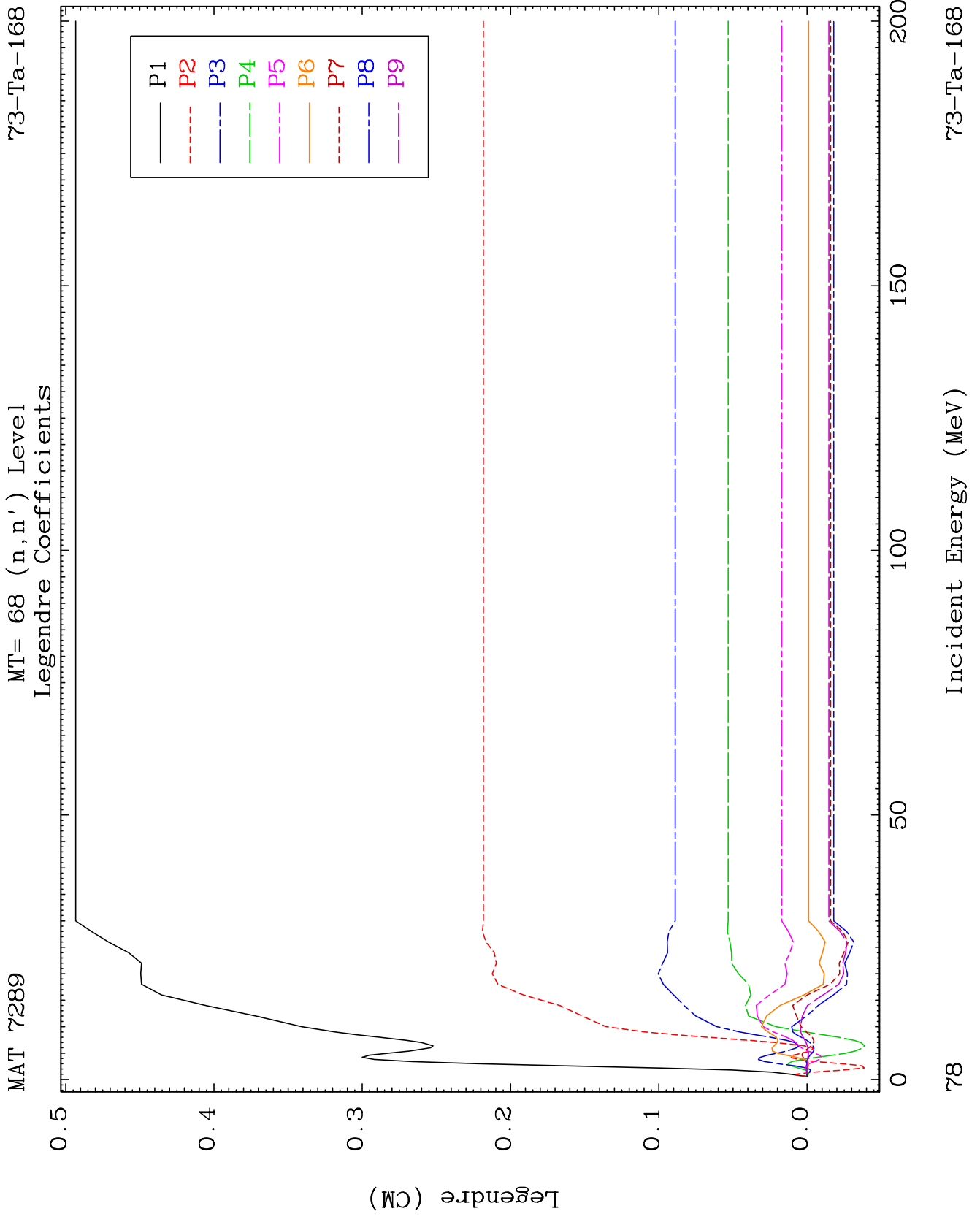
73-Ta-168



73-Ta-168

Incident Energy (MeV)

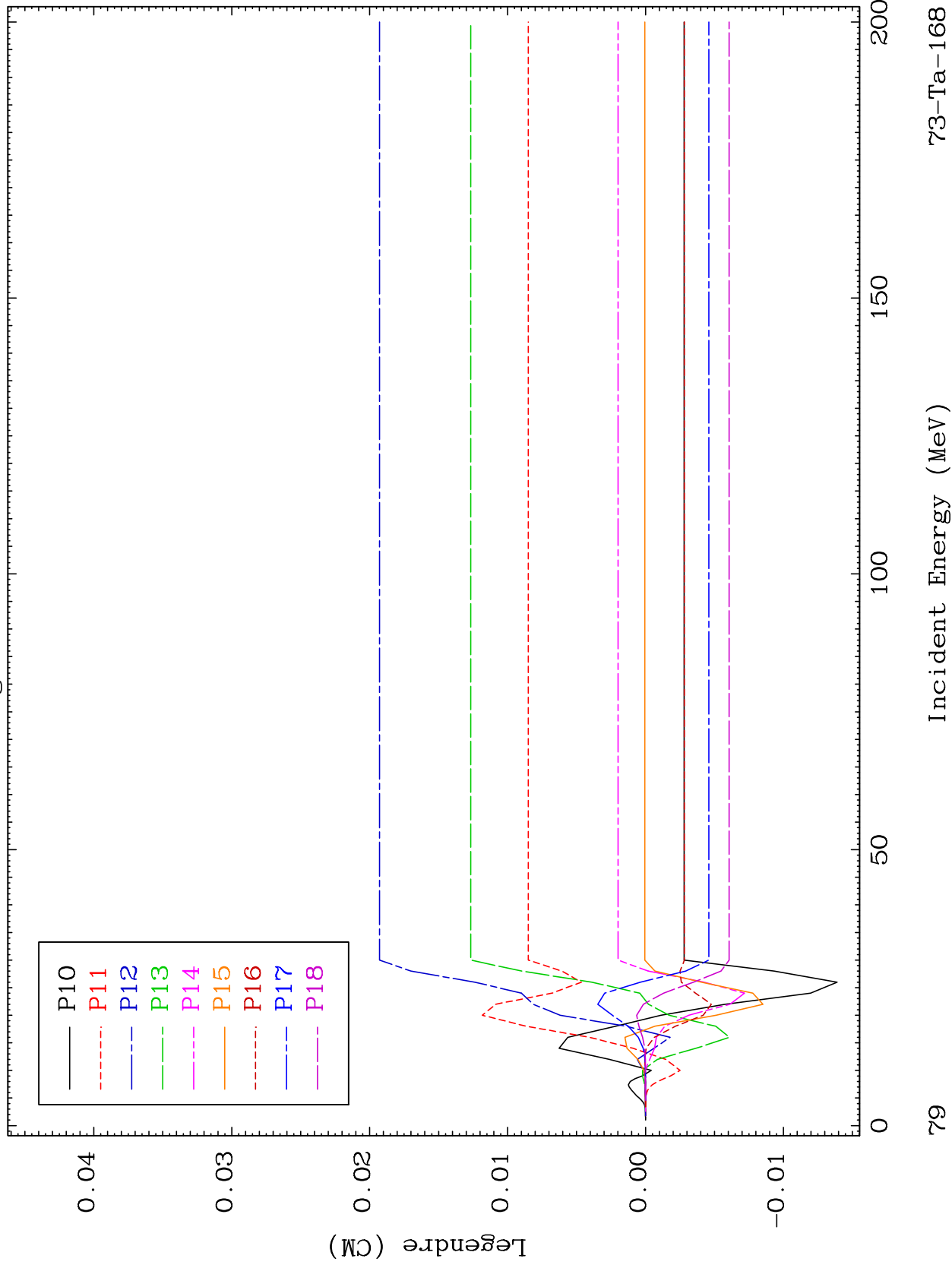
77



MAT 7289

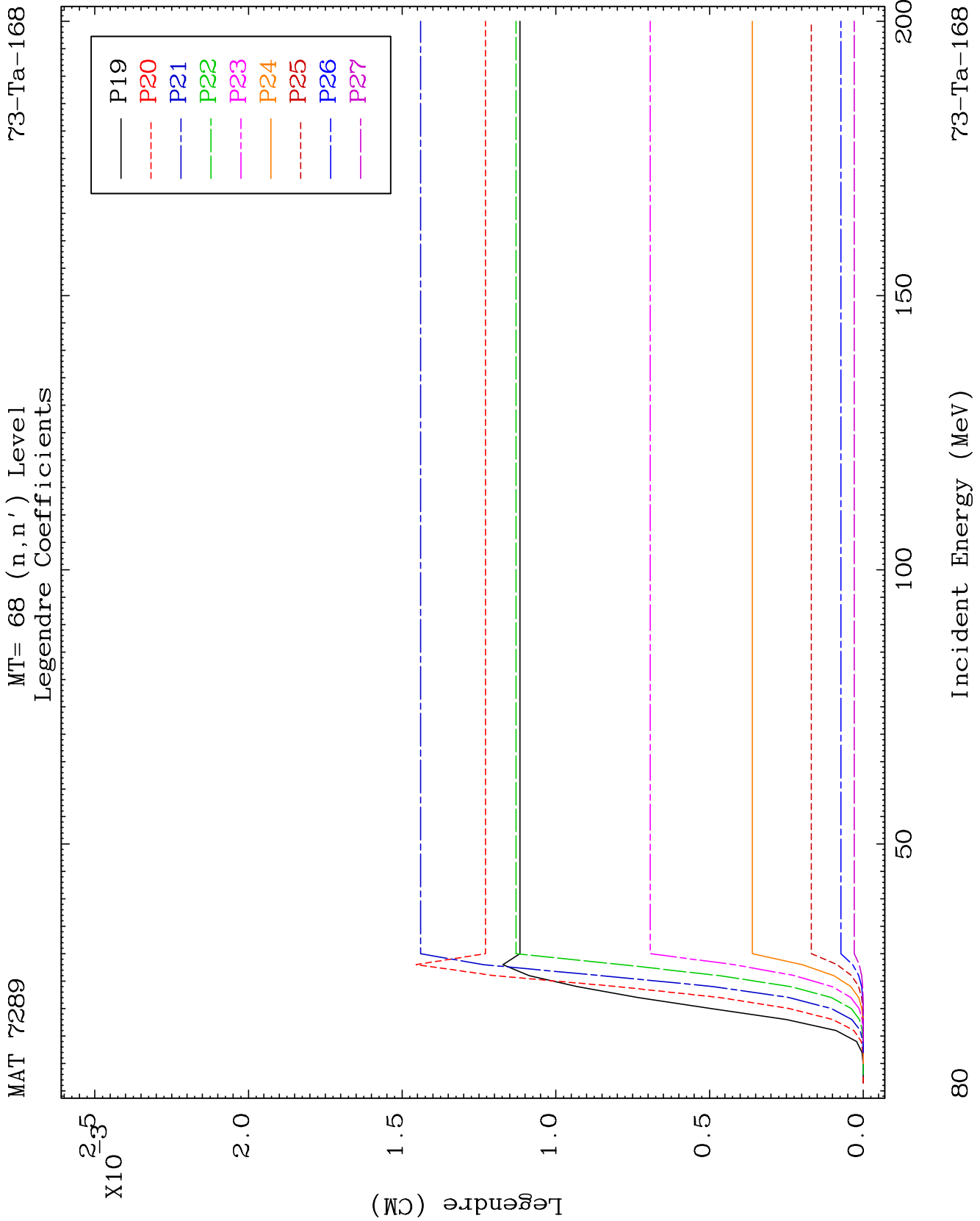
MT= 68 (n,n') Level
Legendre Coefficients

73-Ta-168



79

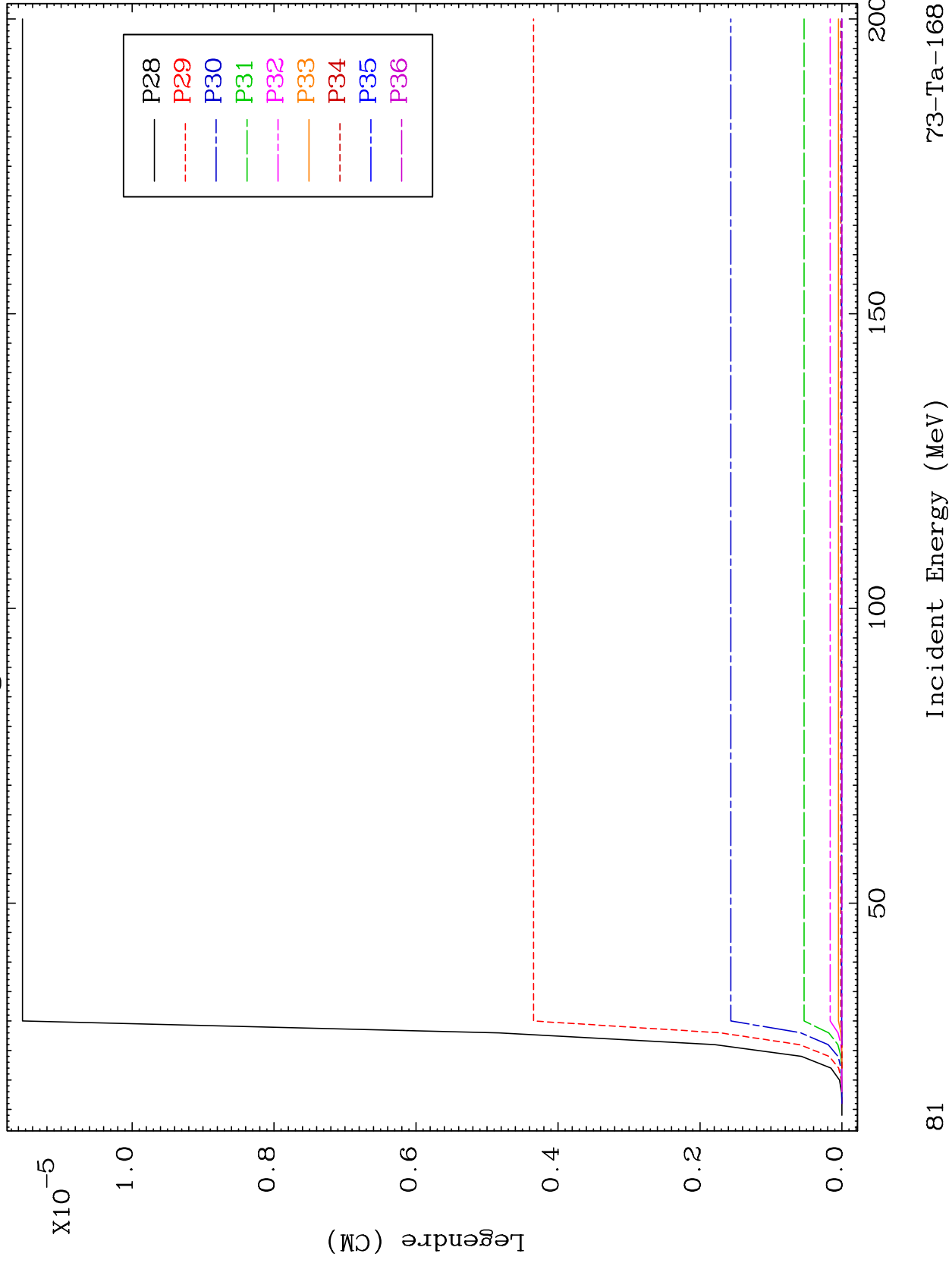
73-Ta-168



MAT 7289

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

73-Ta-168

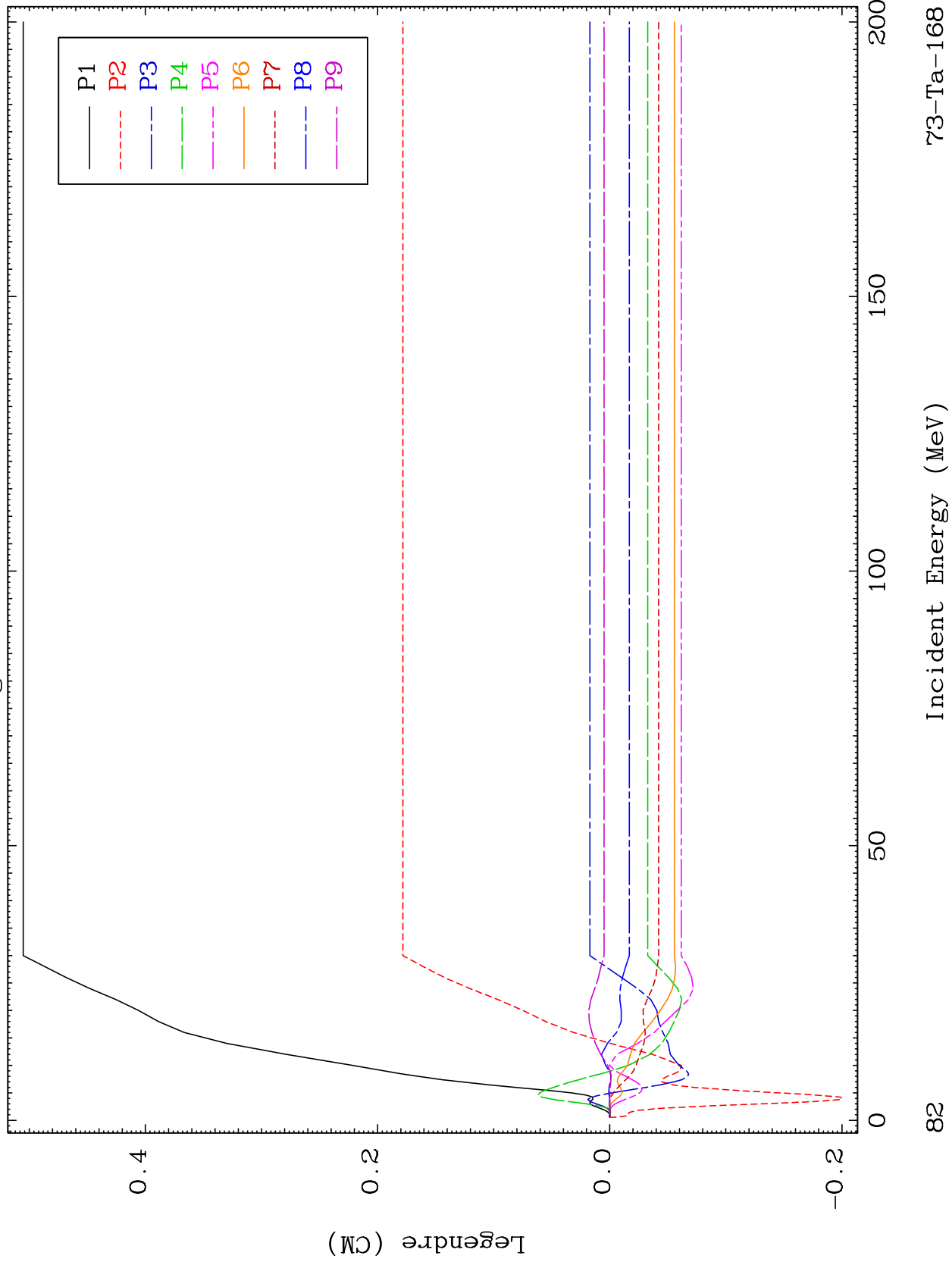


81

MAT 7289

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

73-Ta-168



73-Ta-168

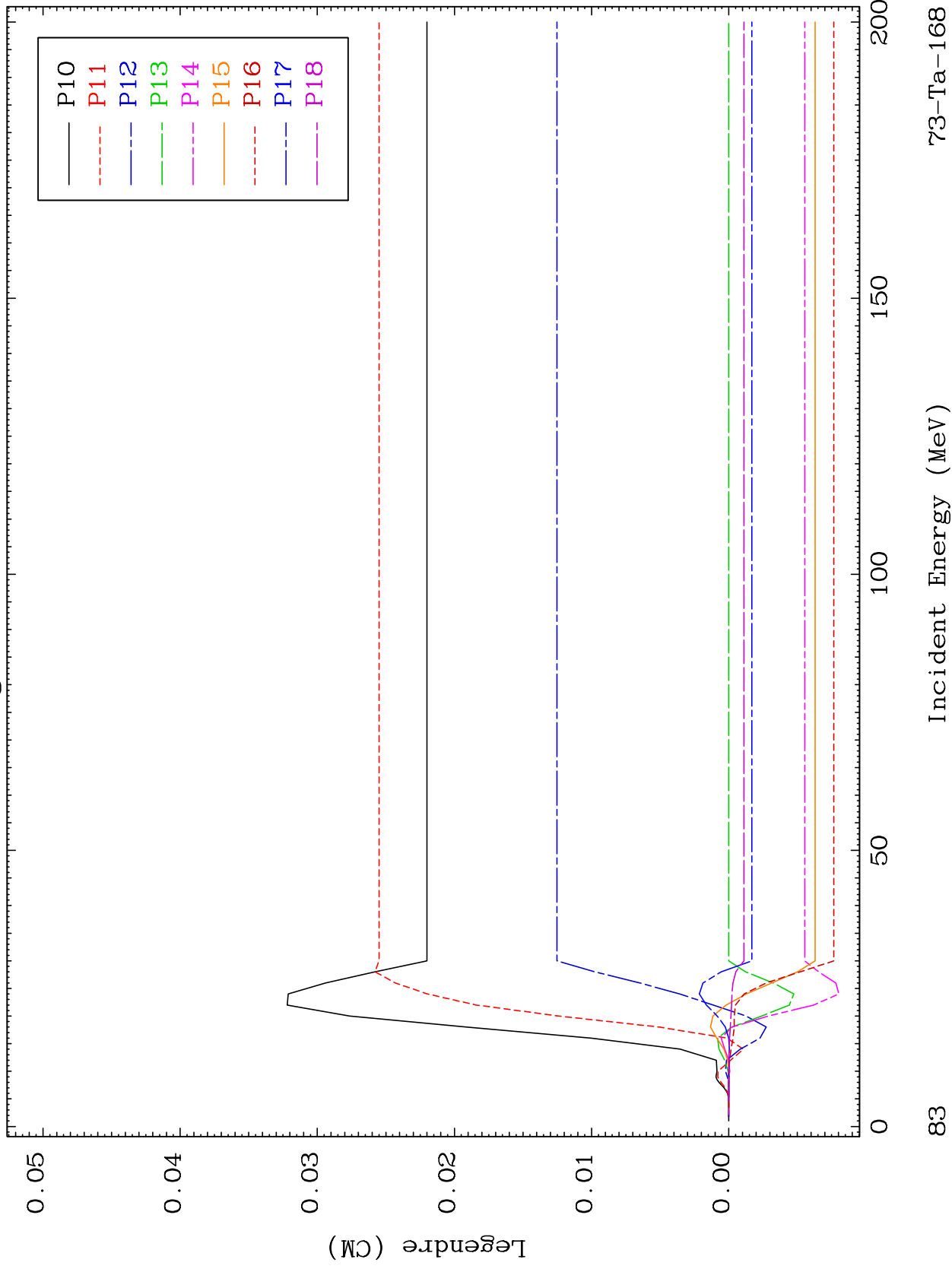
Incident Energy (MeV)

82

MAT 7289

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

73-Ta-168



83

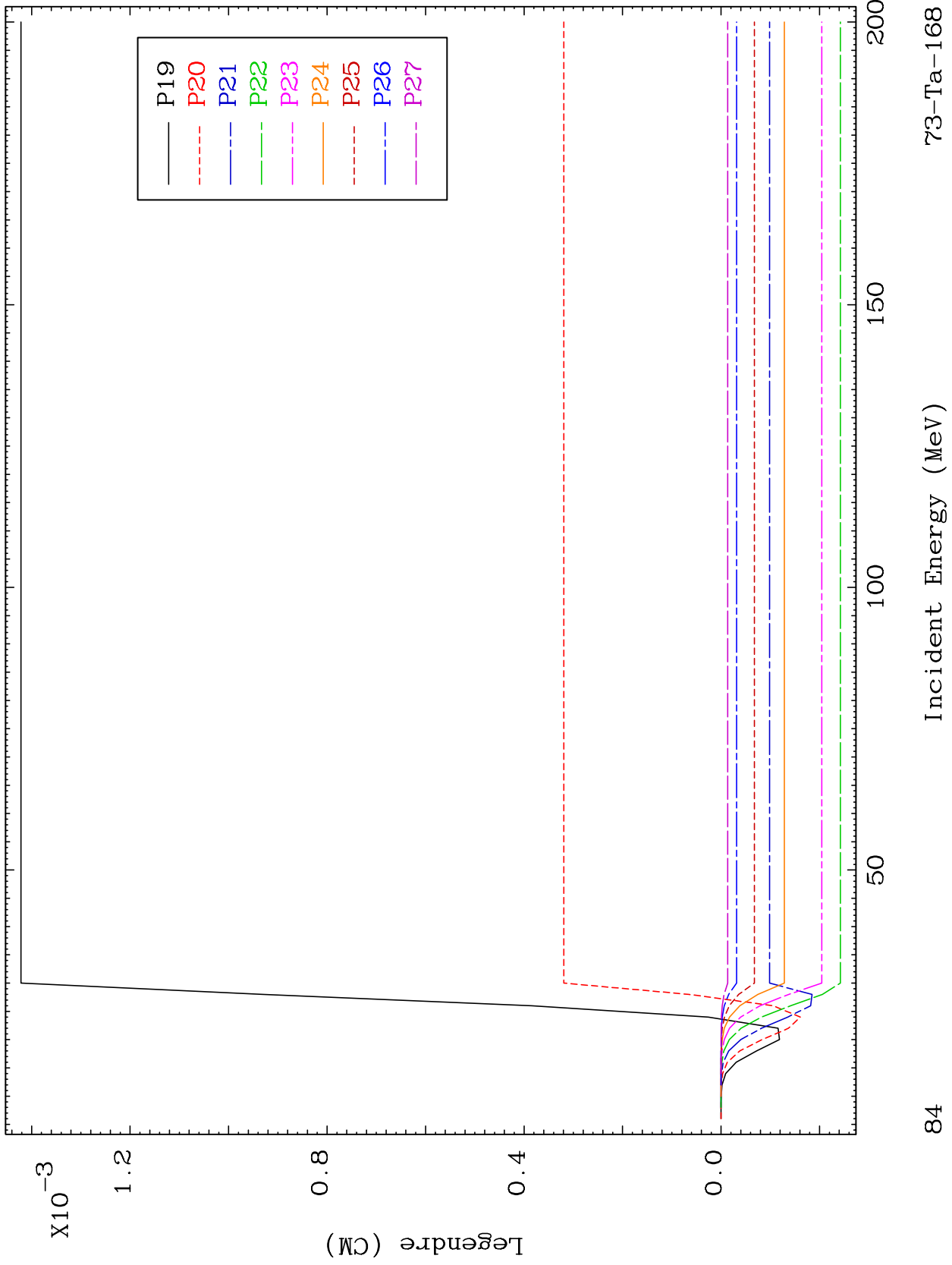
Incident Energy (MeV)

73-Ta-168

MAT 7289

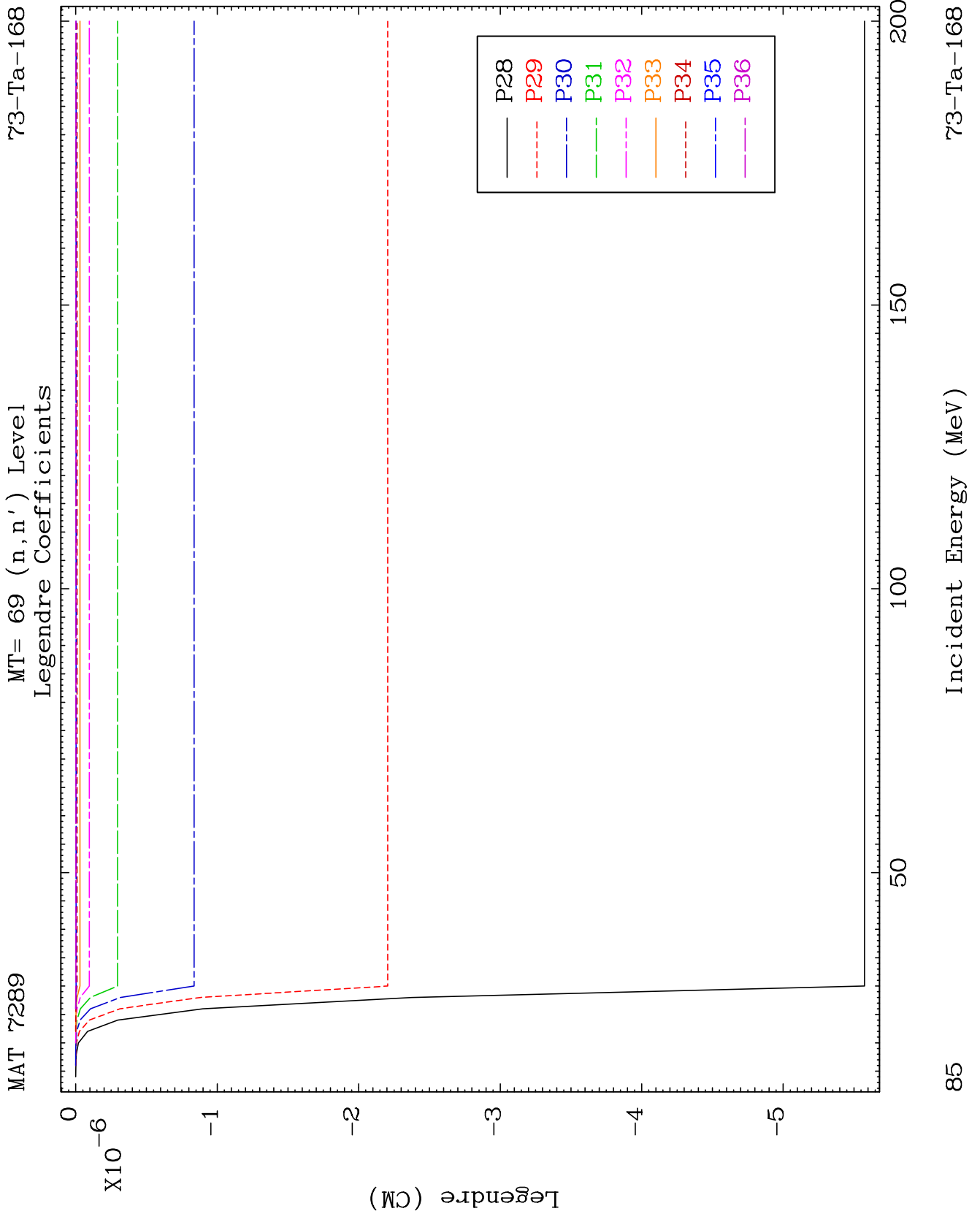
MT= 69 (n,n') Level
Legendre Coefficients

73-Ta-168



84

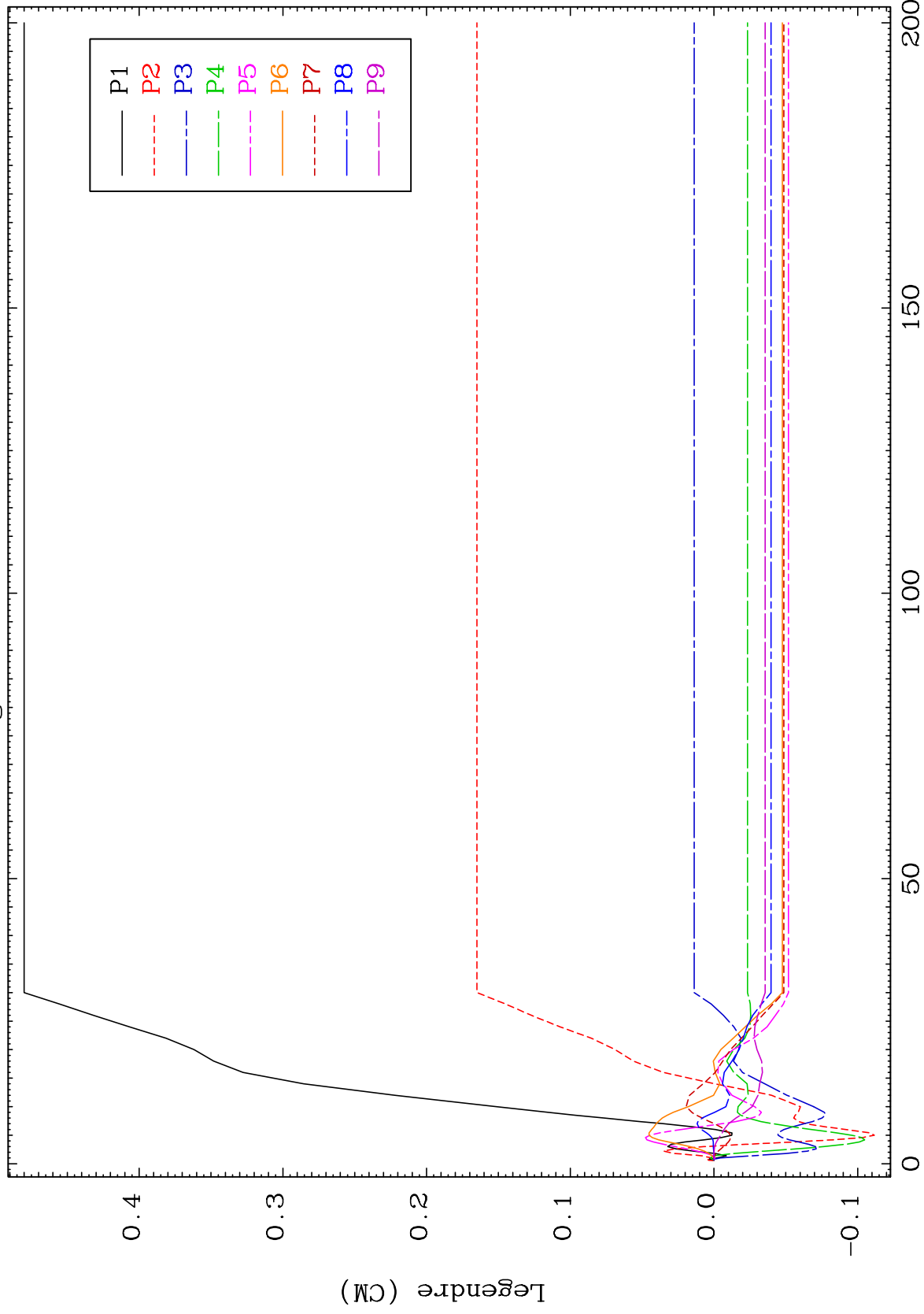
73-Ta-168



MAT 7289

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

73-Ta-168



86

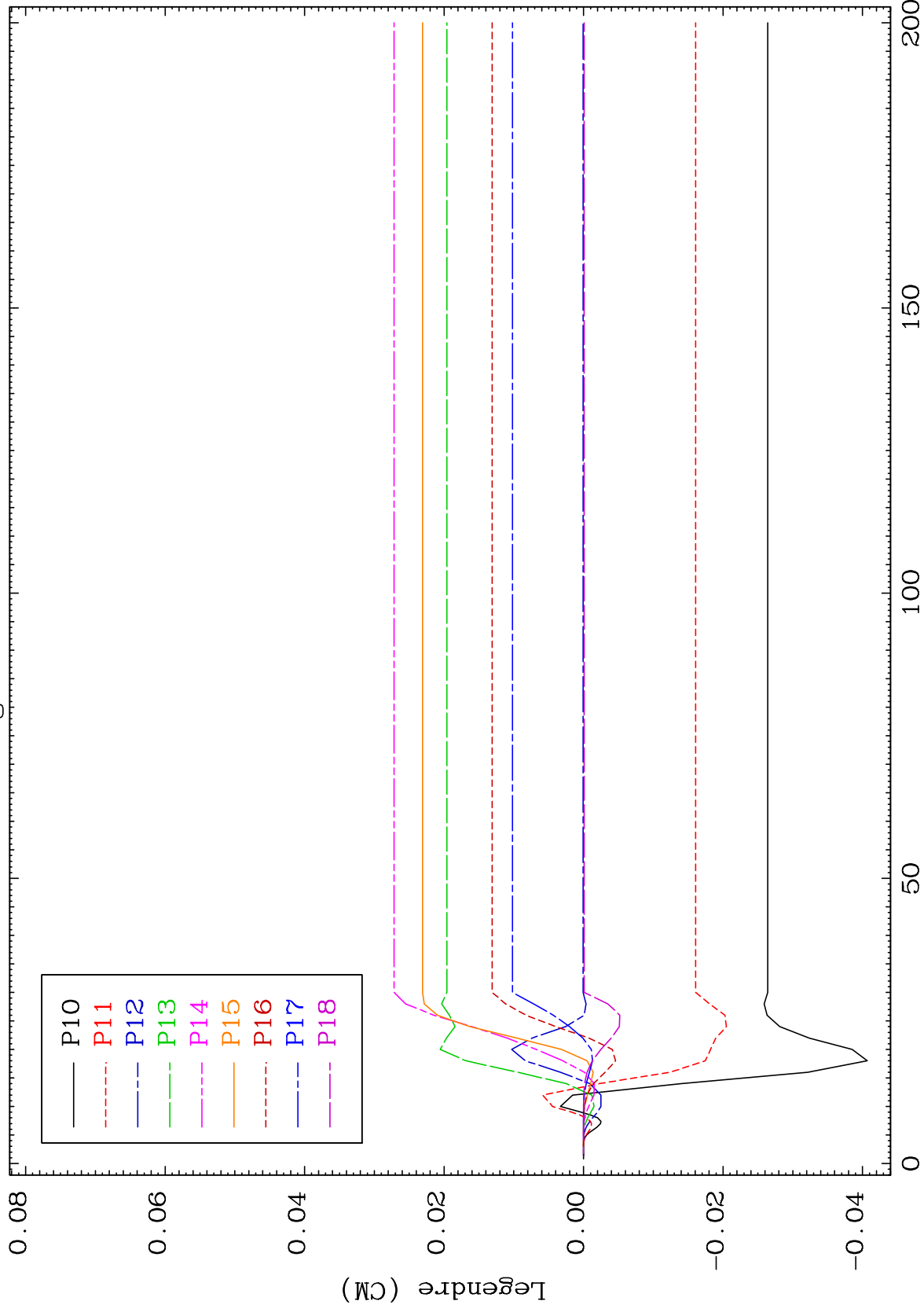
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

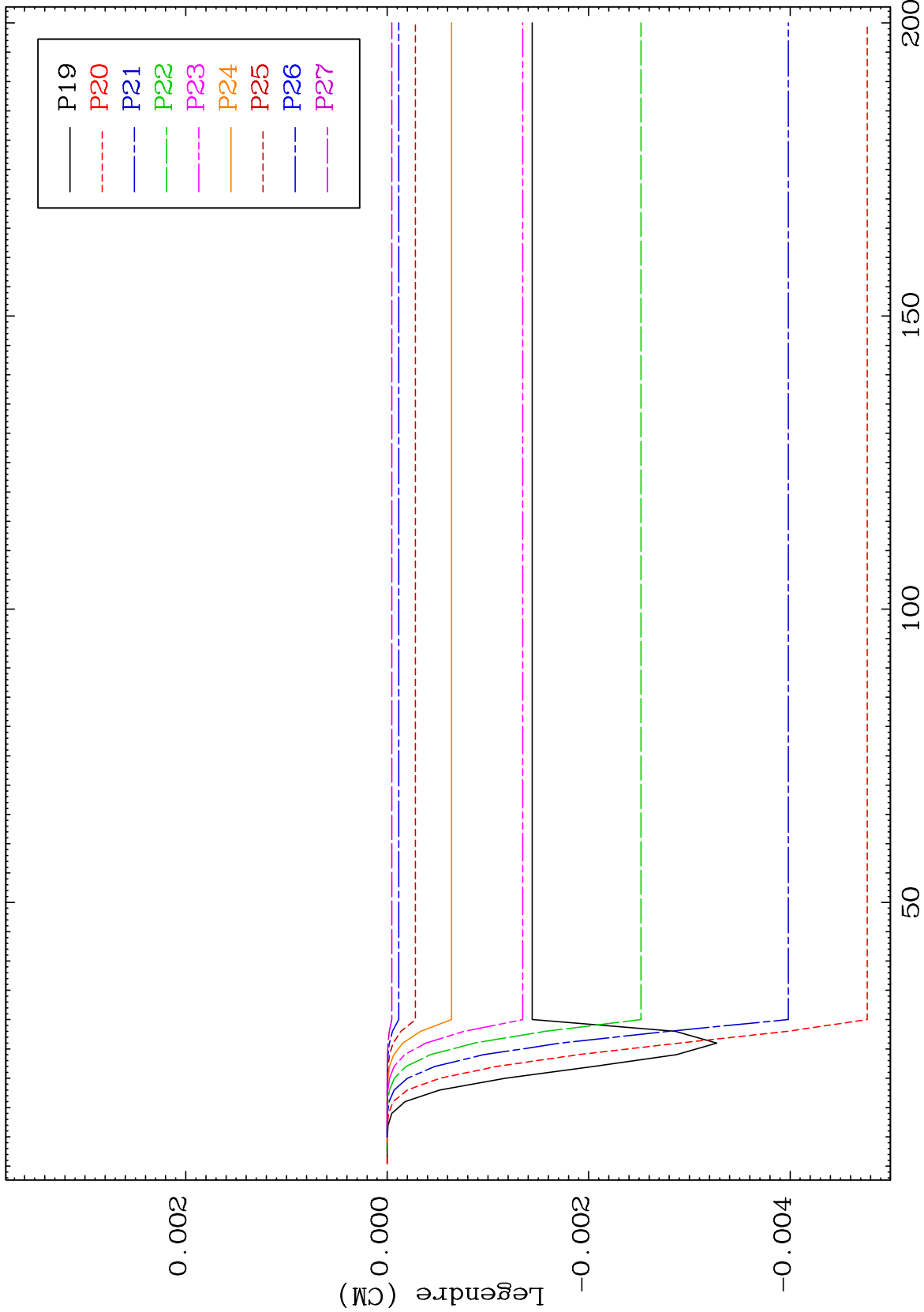
73-Ta-168

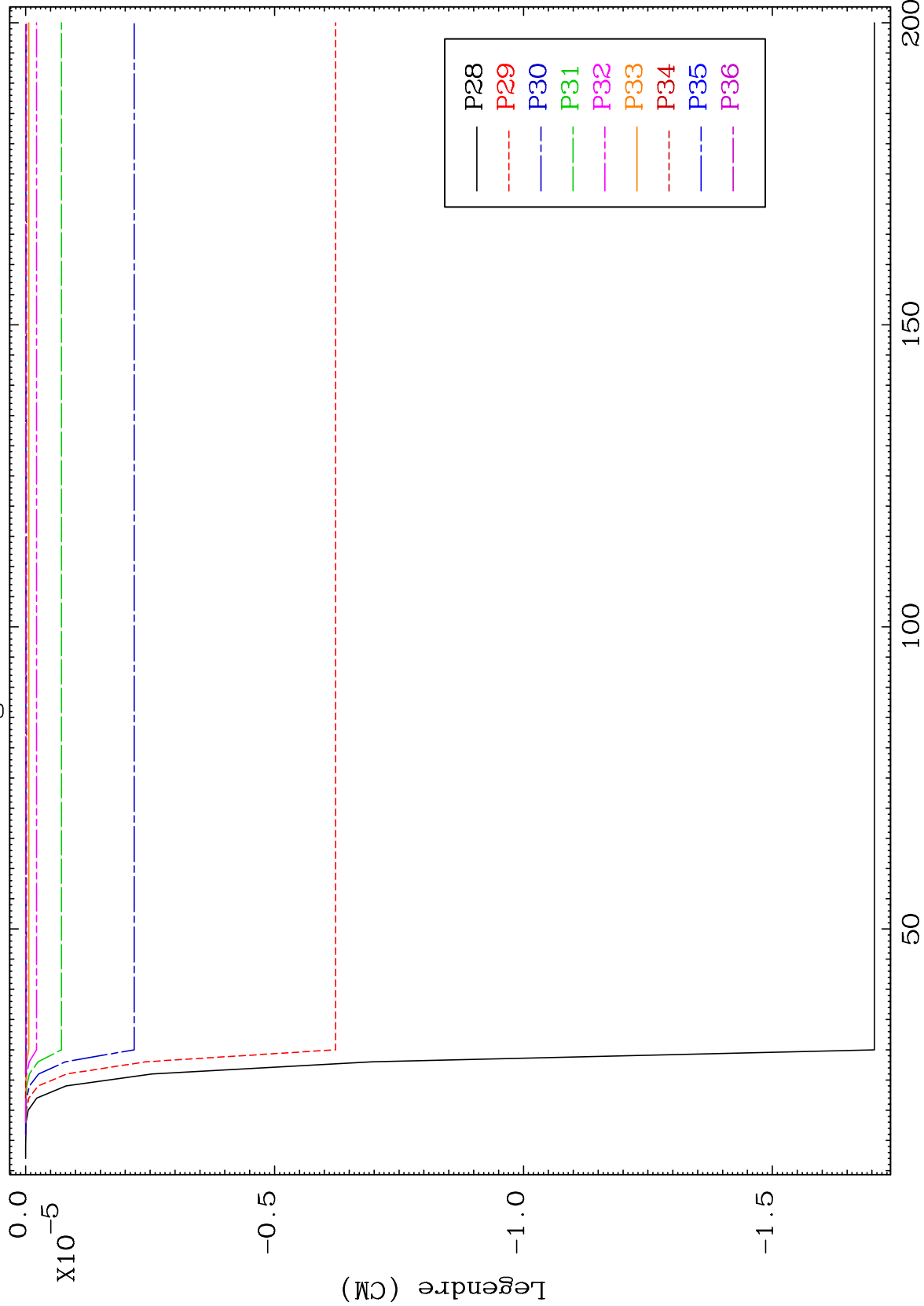


87

Incident Energy (MeV)

73-Ta-168

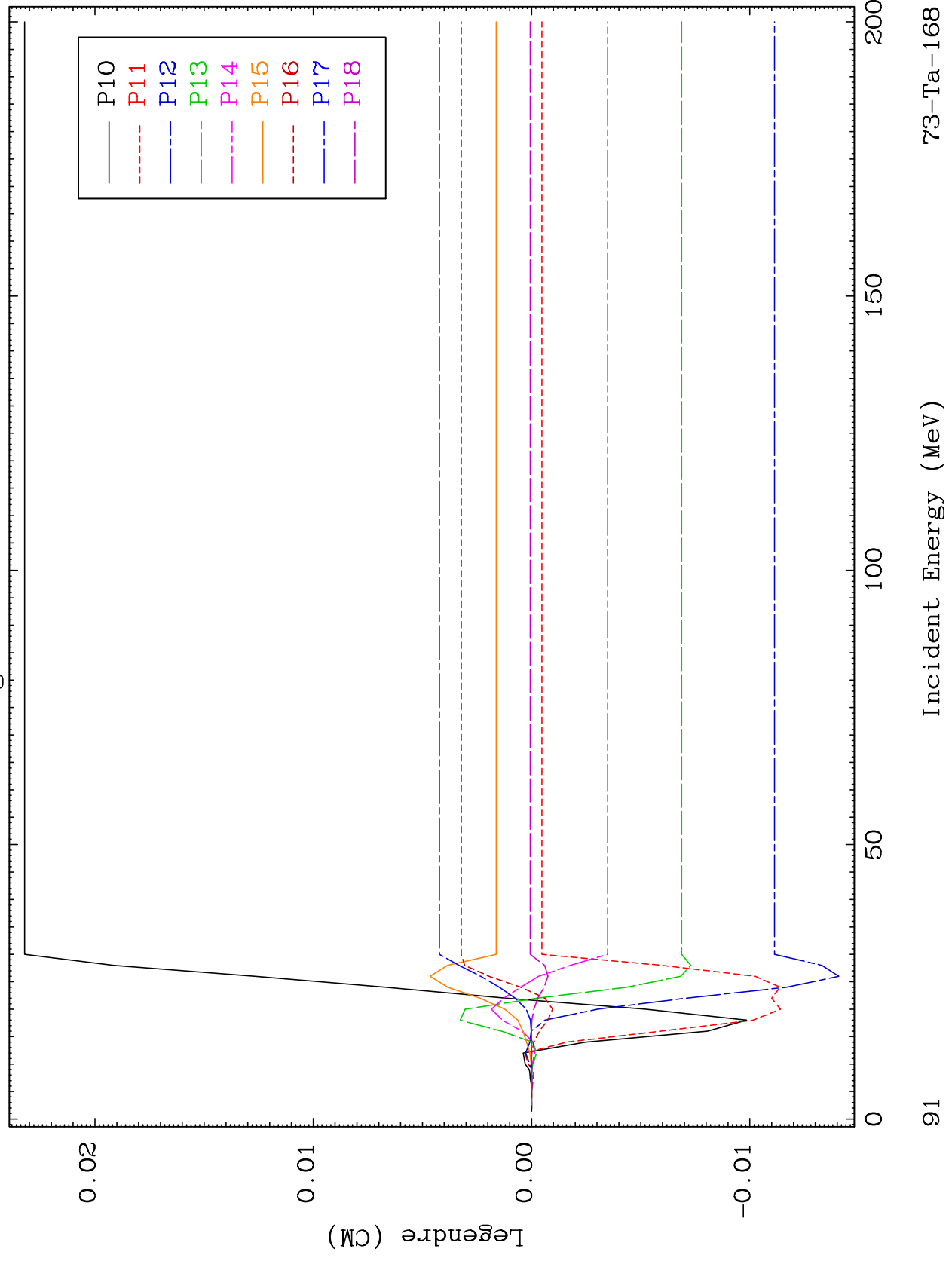




MAT 7289

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

73-Ta-168



91

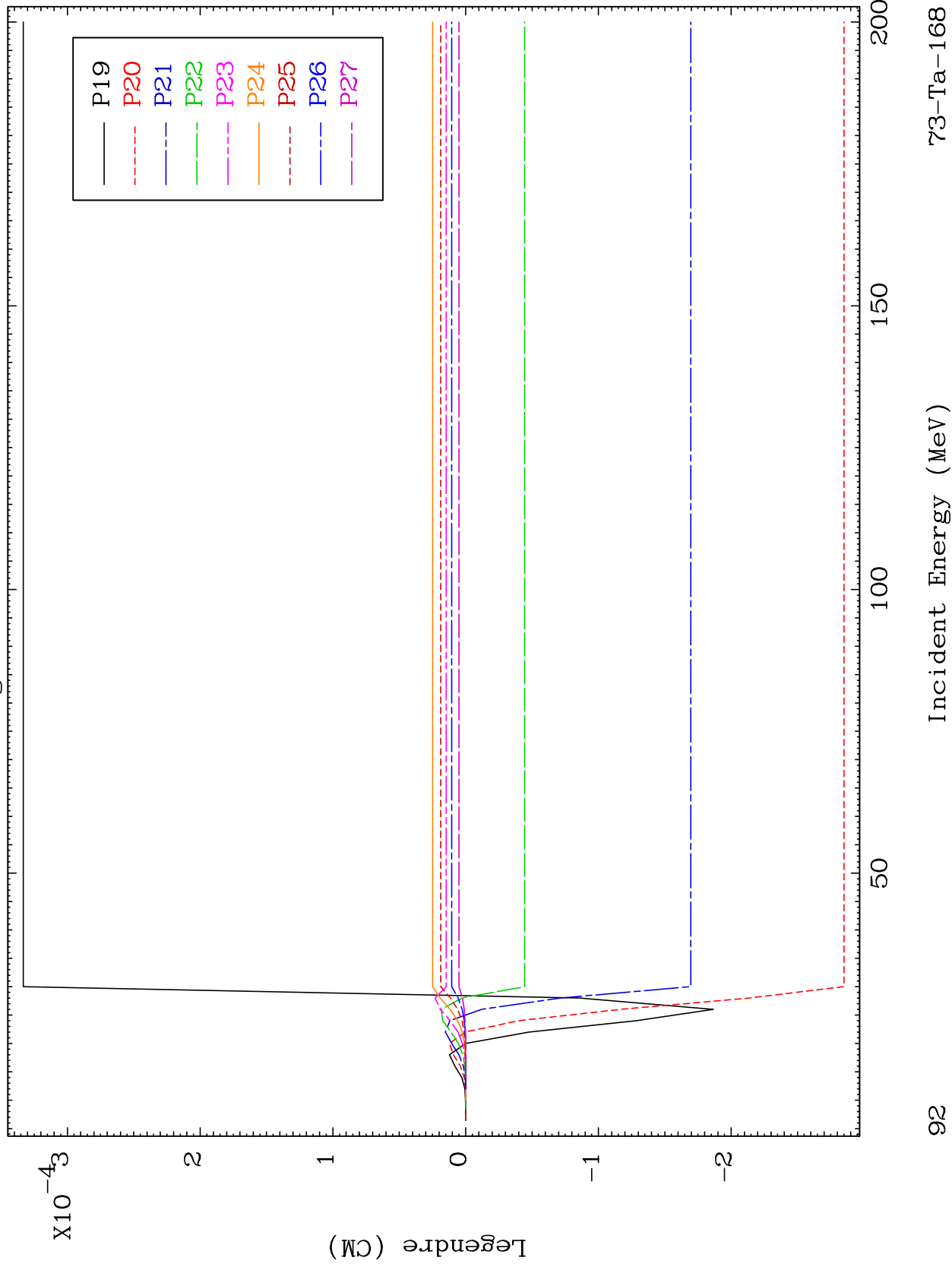
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

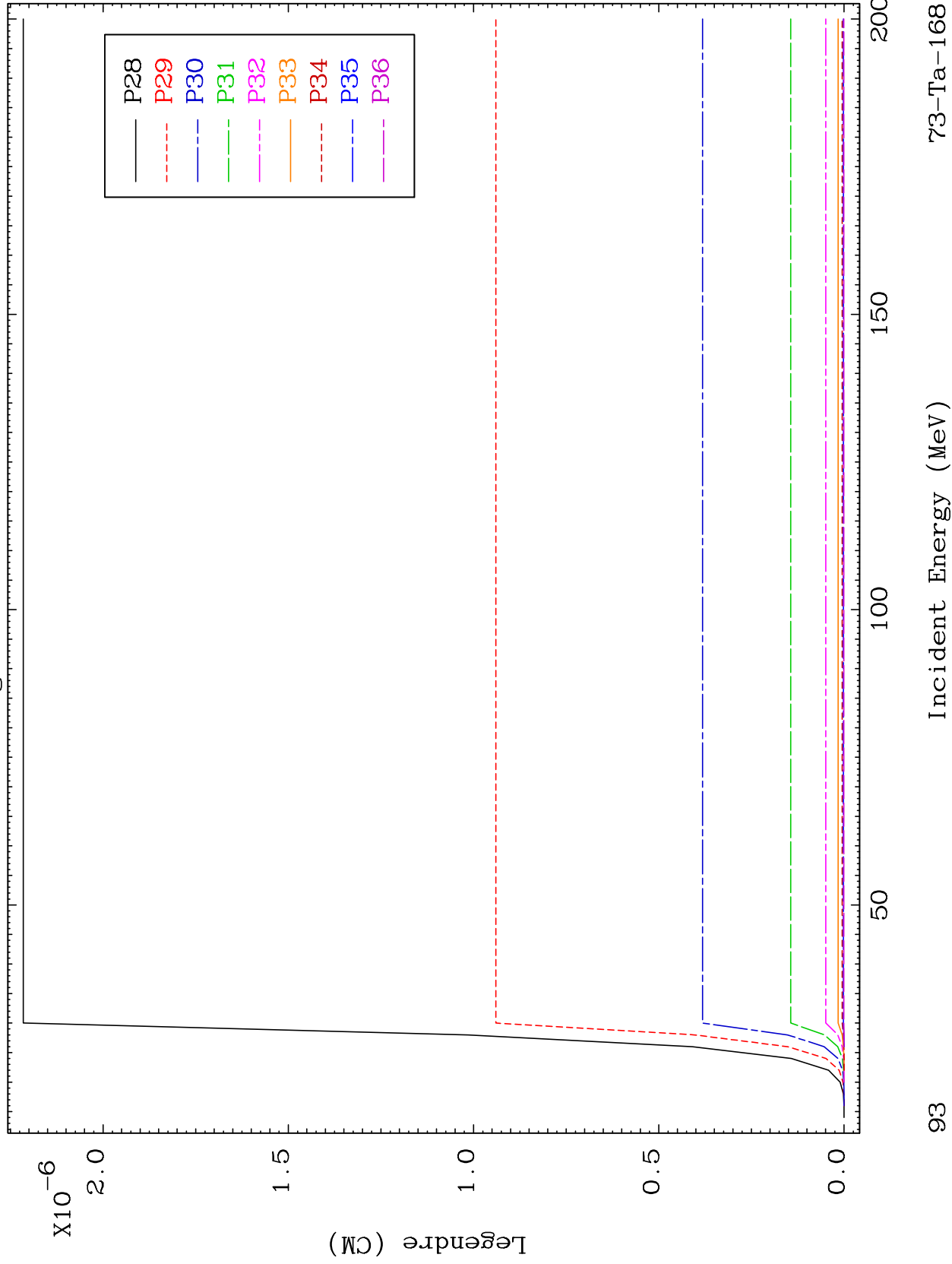
73-Ta-168



MAT 7289

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

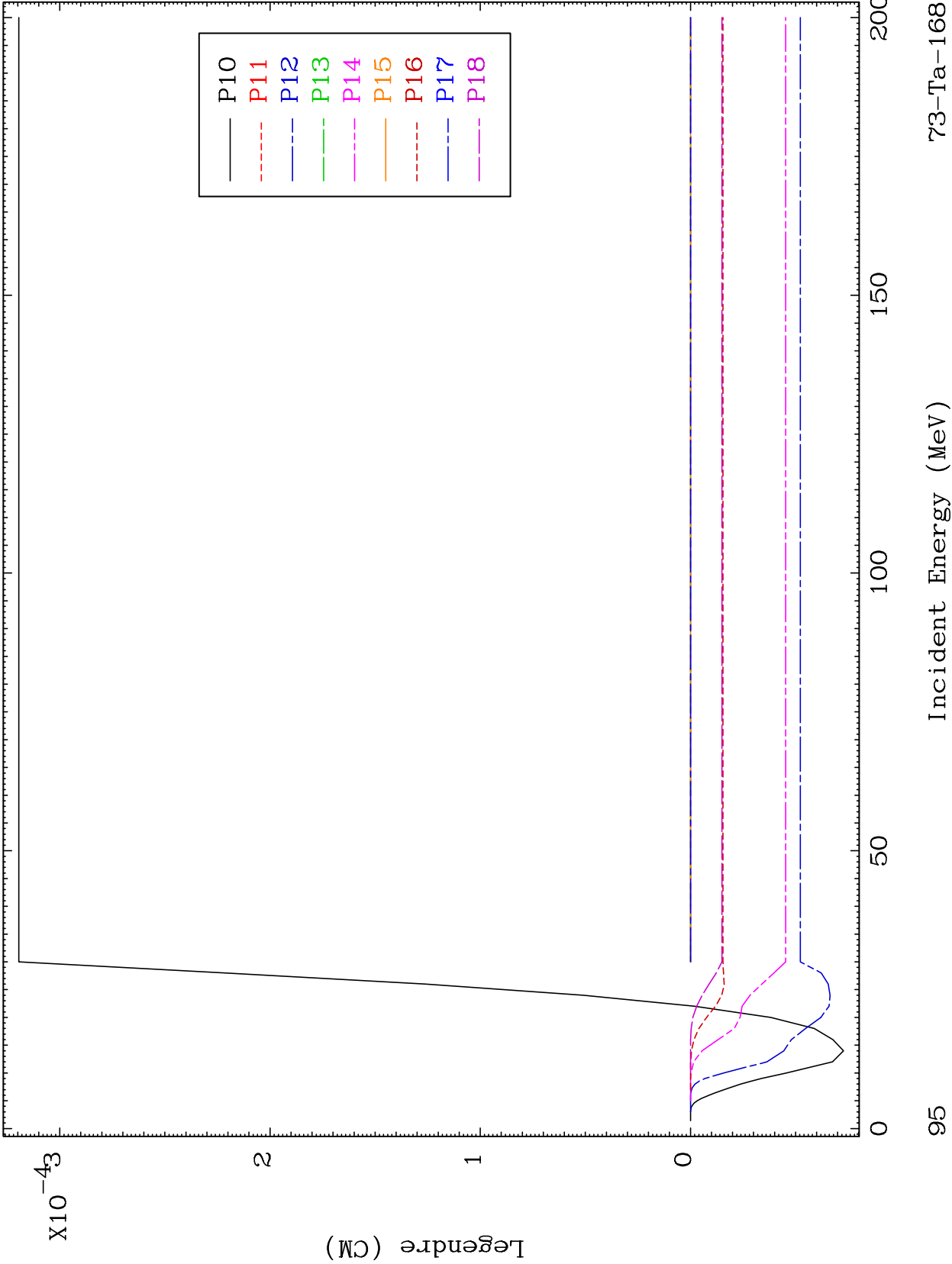
73-Ta-168



MAT 7289

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

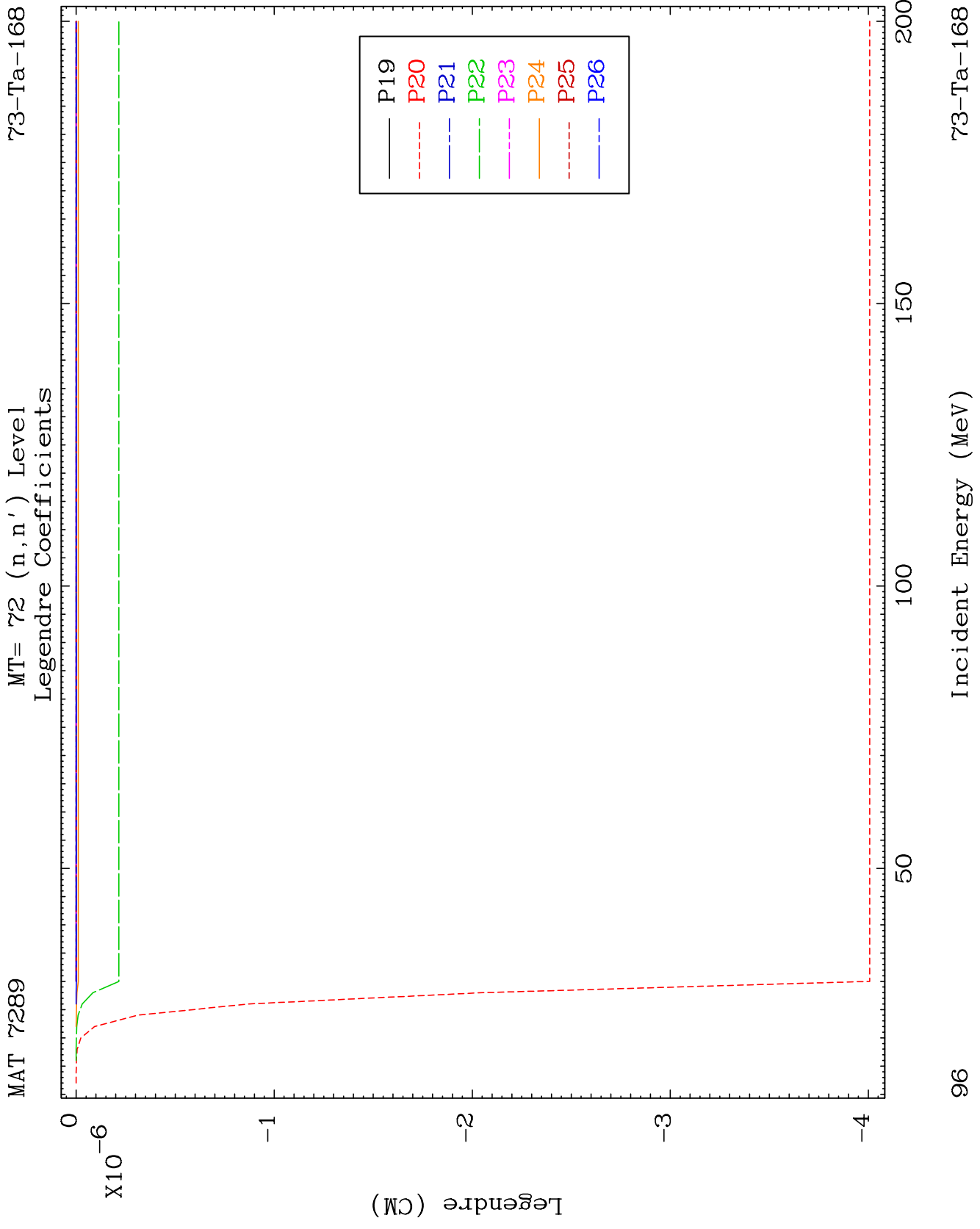
73-Ta-168



73-Ta-168

Incident Energy (MeV)

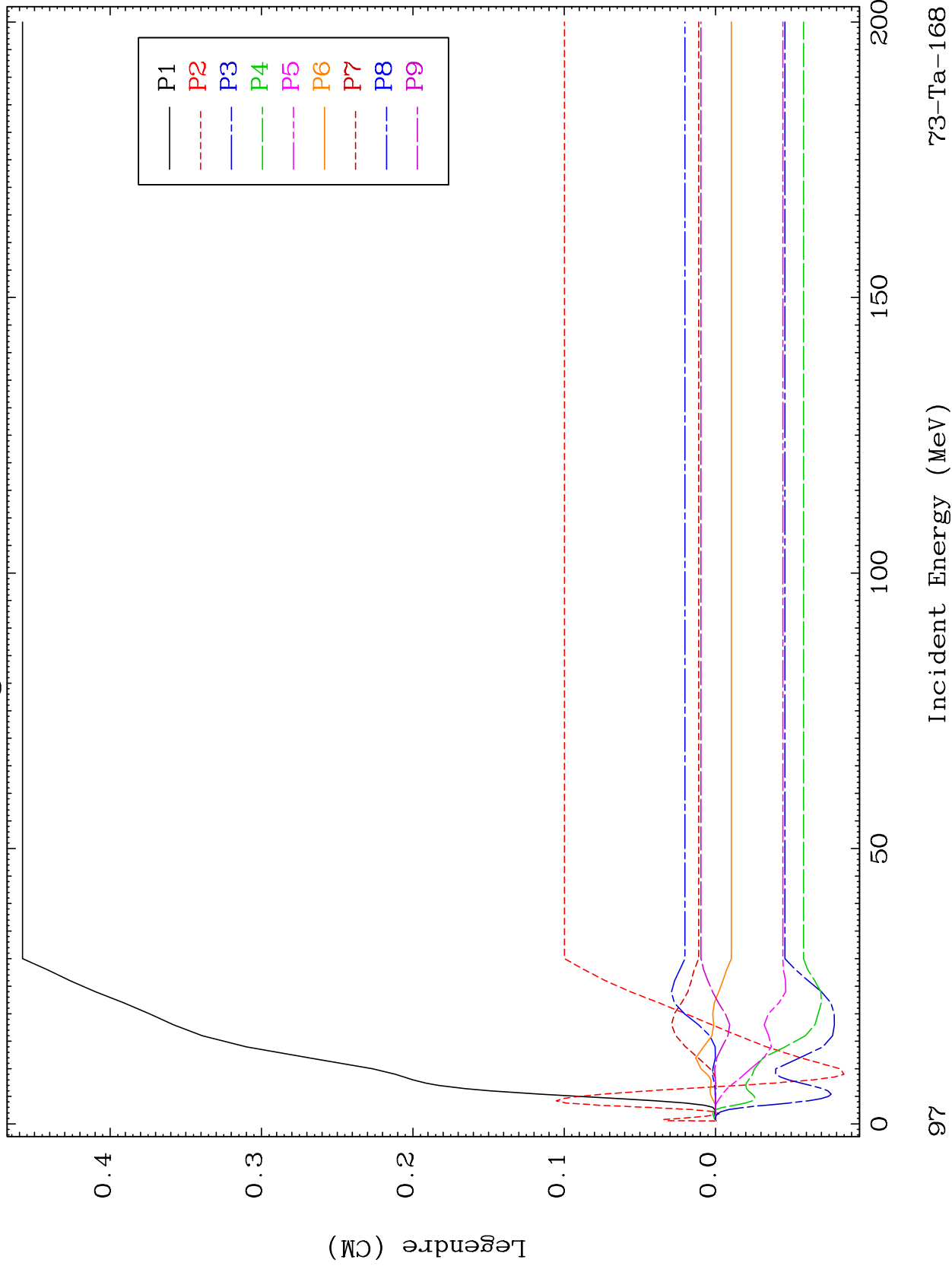
95



MAT 7289

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

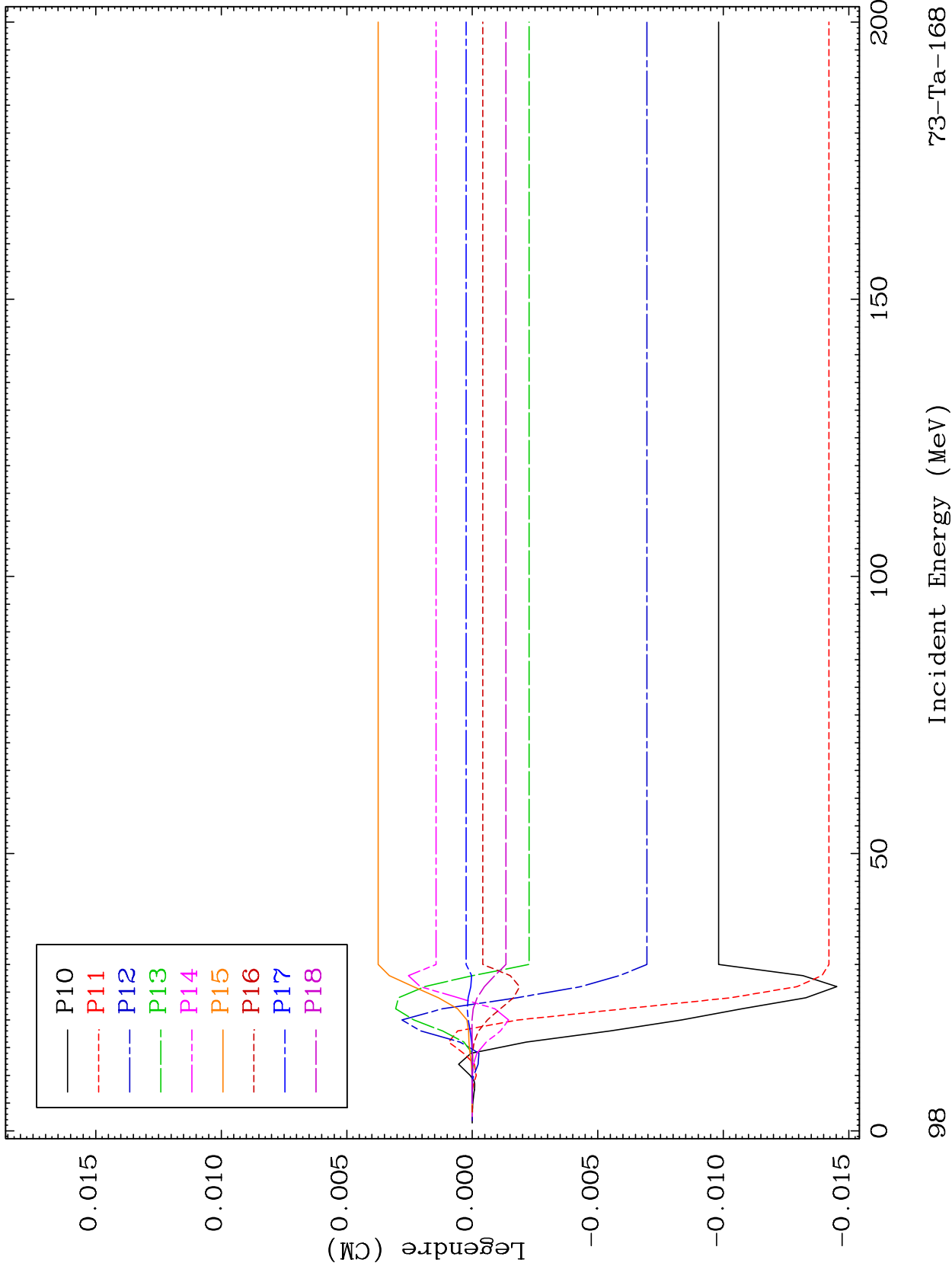
73-Ta-168

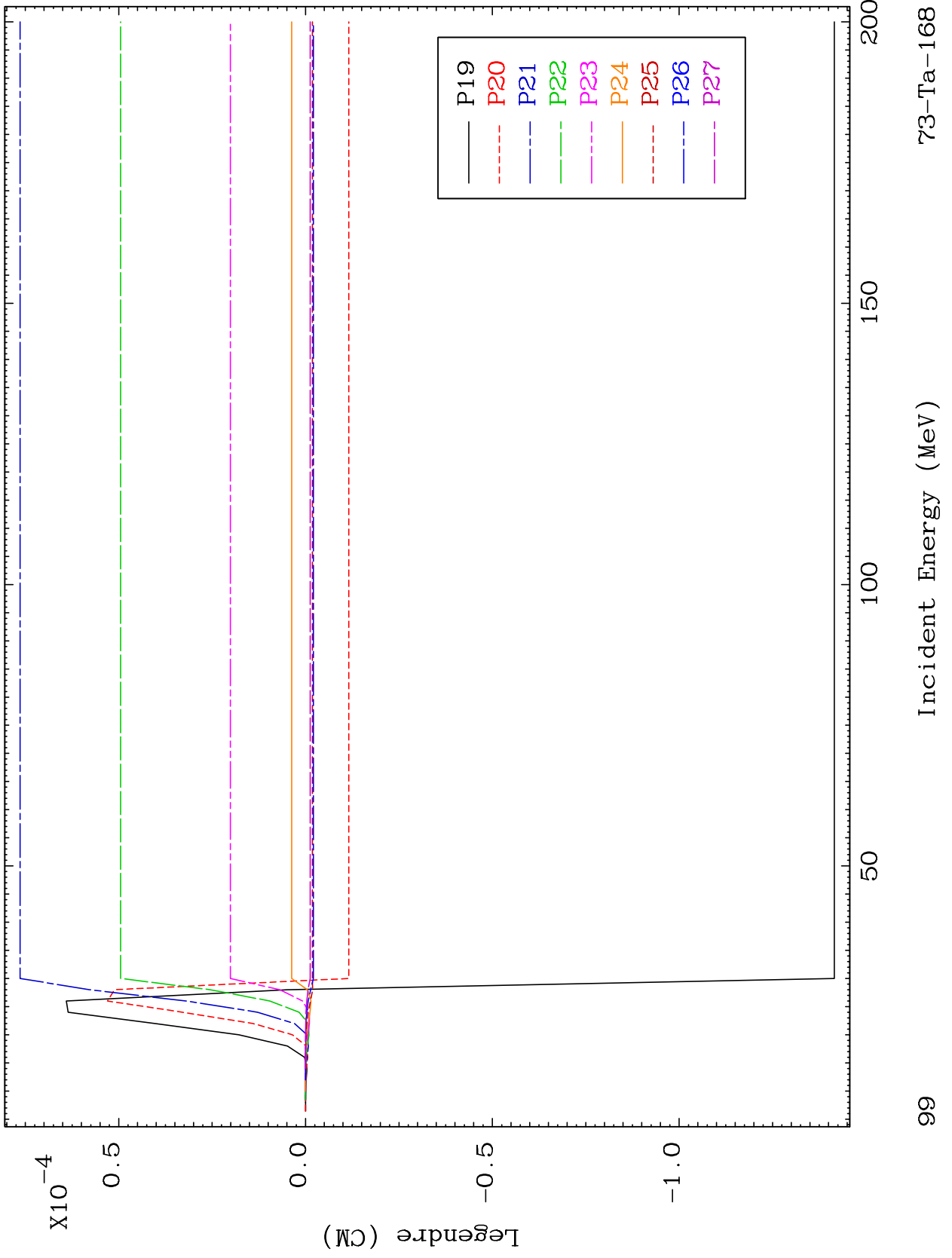


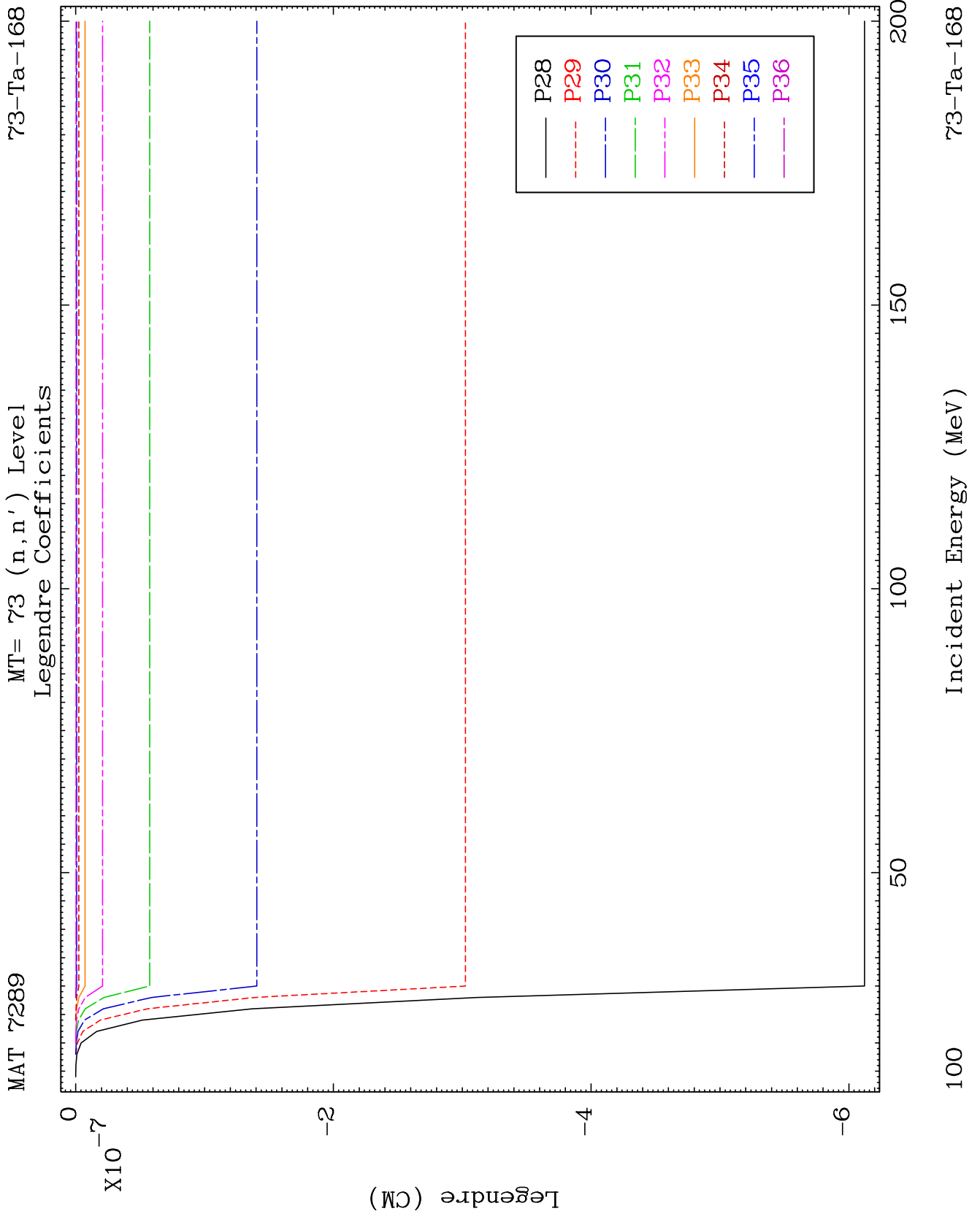
97

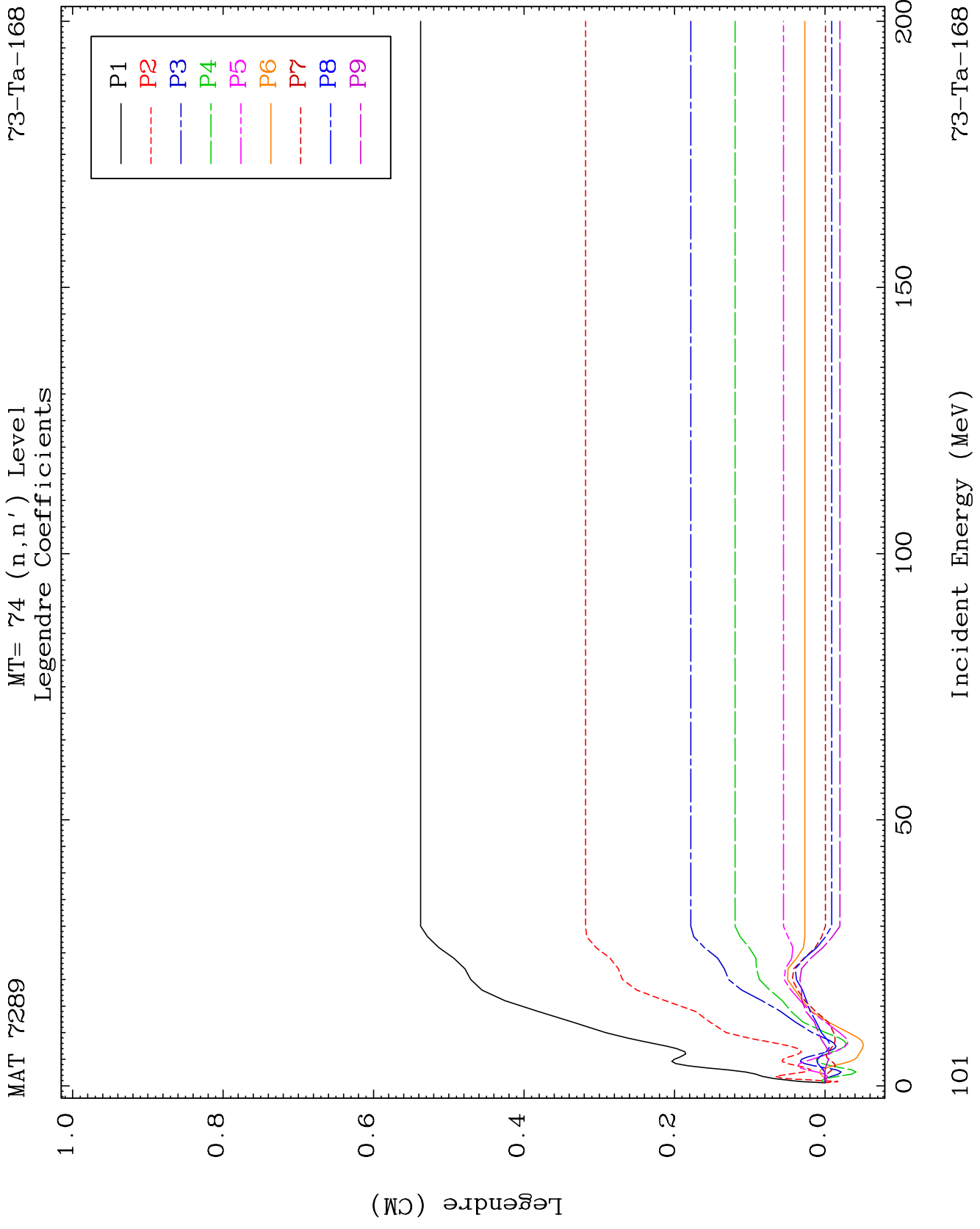
Incident Energy (MeV)

73-Ta-168





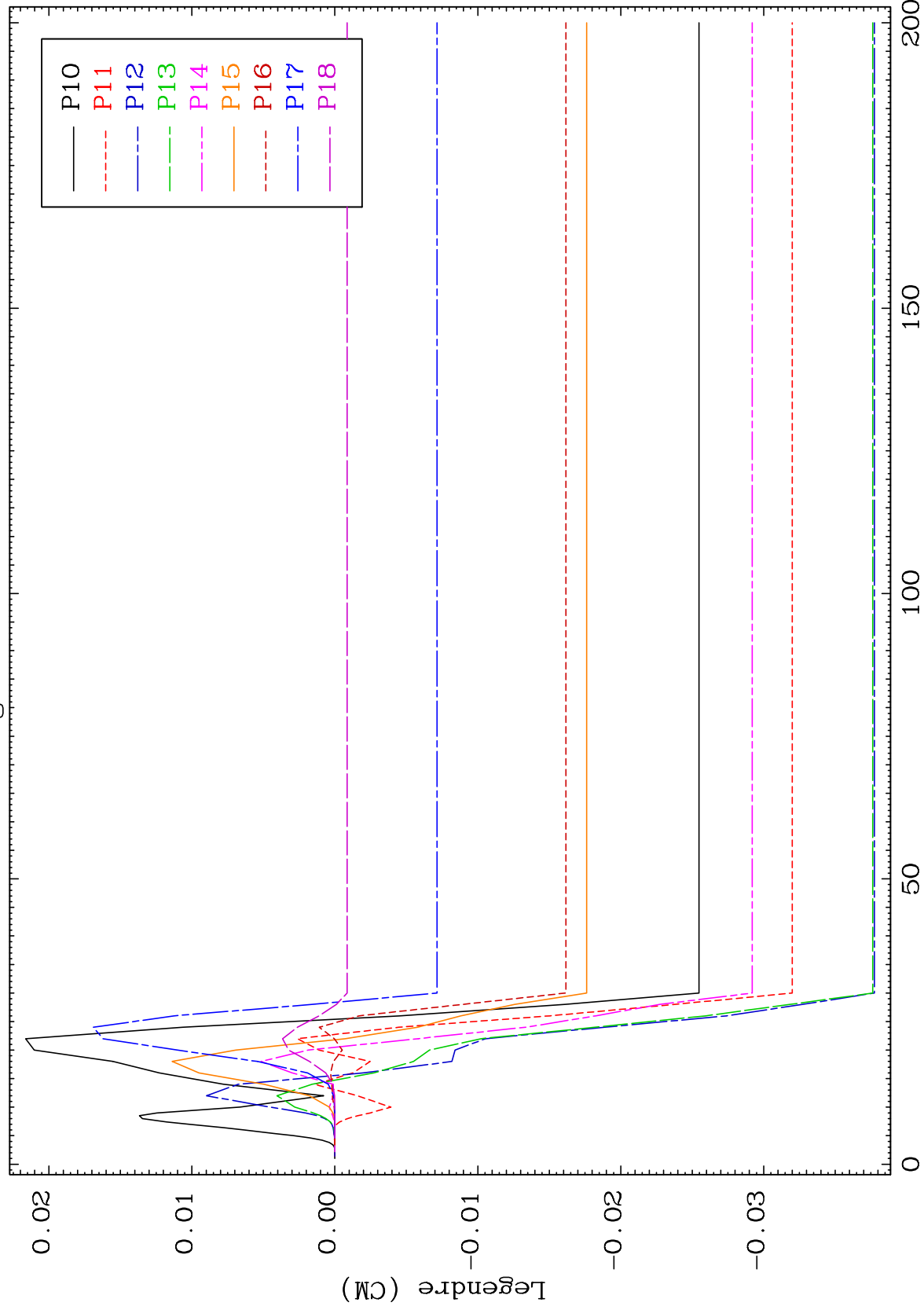




MAT 7289

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

73-Ta-168



102

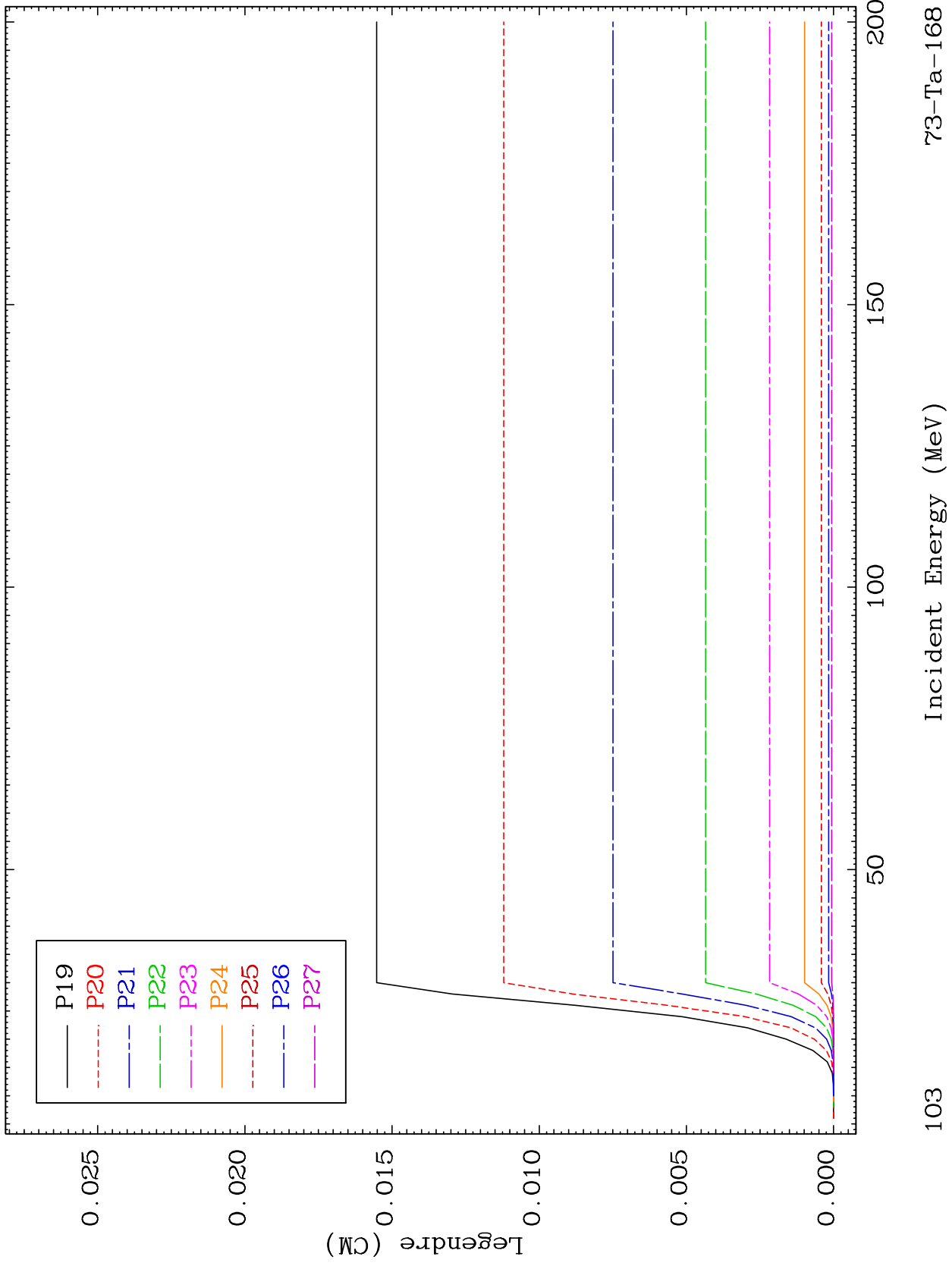
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



103

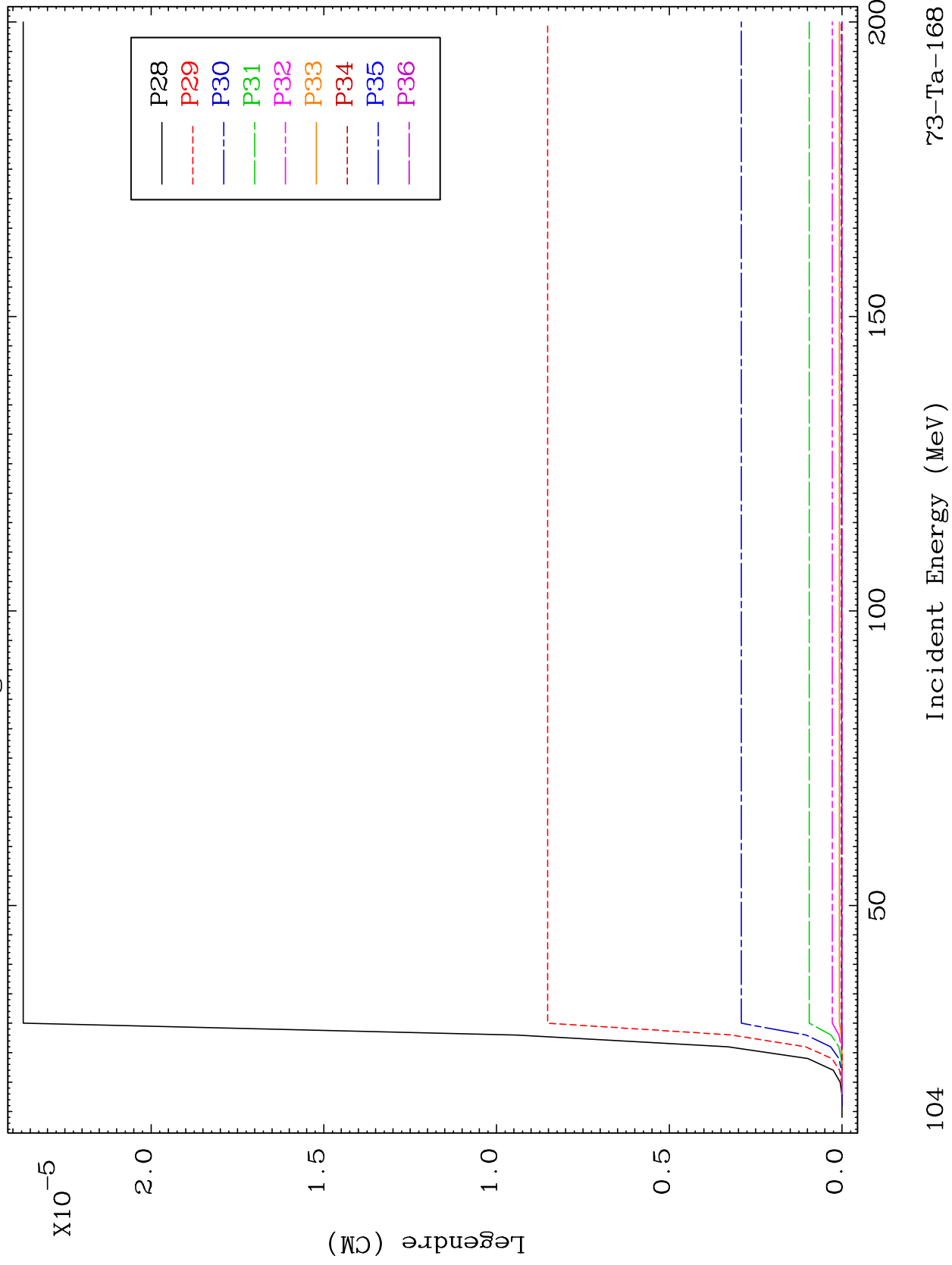
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

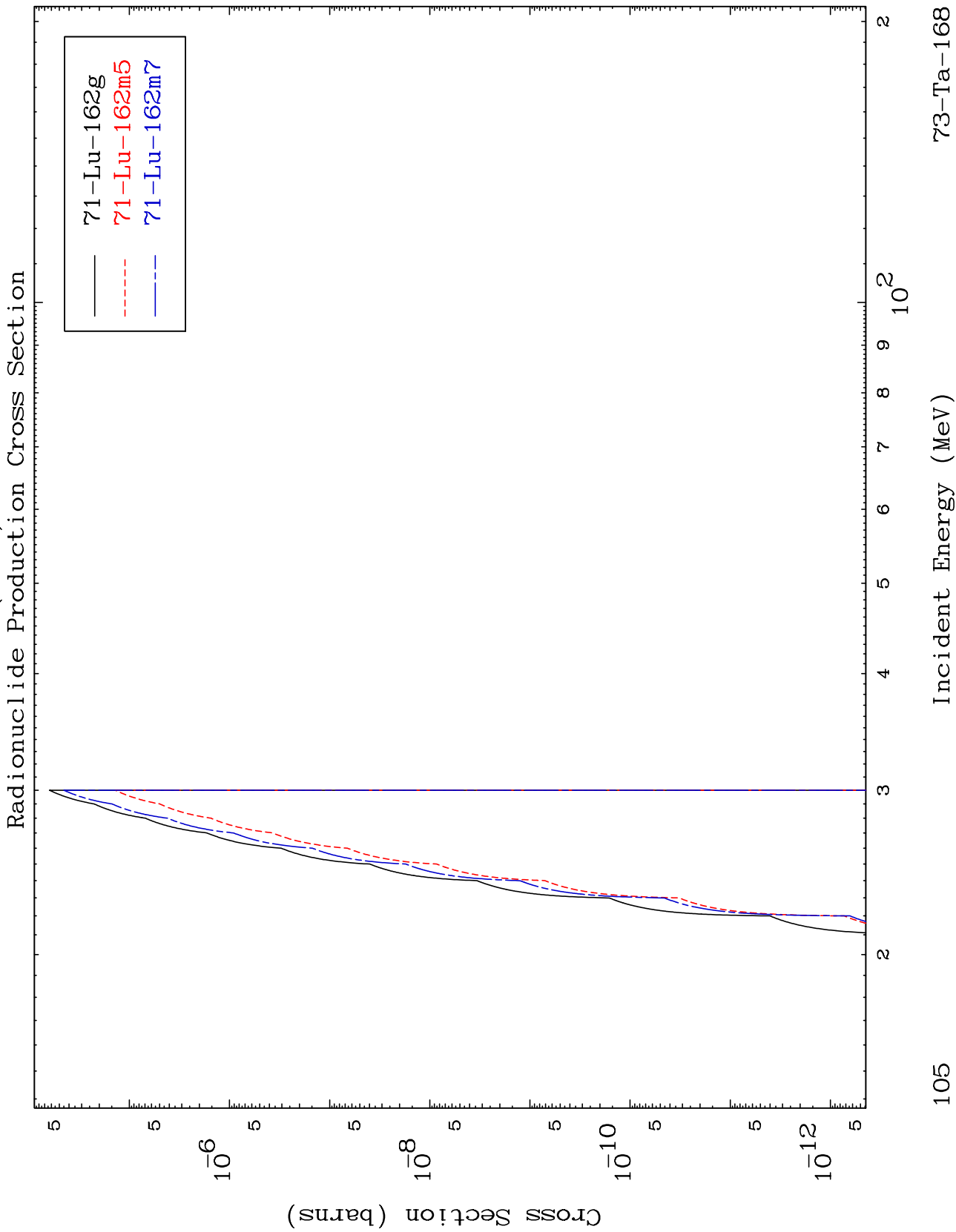
73-Ta-168



MAT 7289

(n,3n) α

73-Ta-168



105

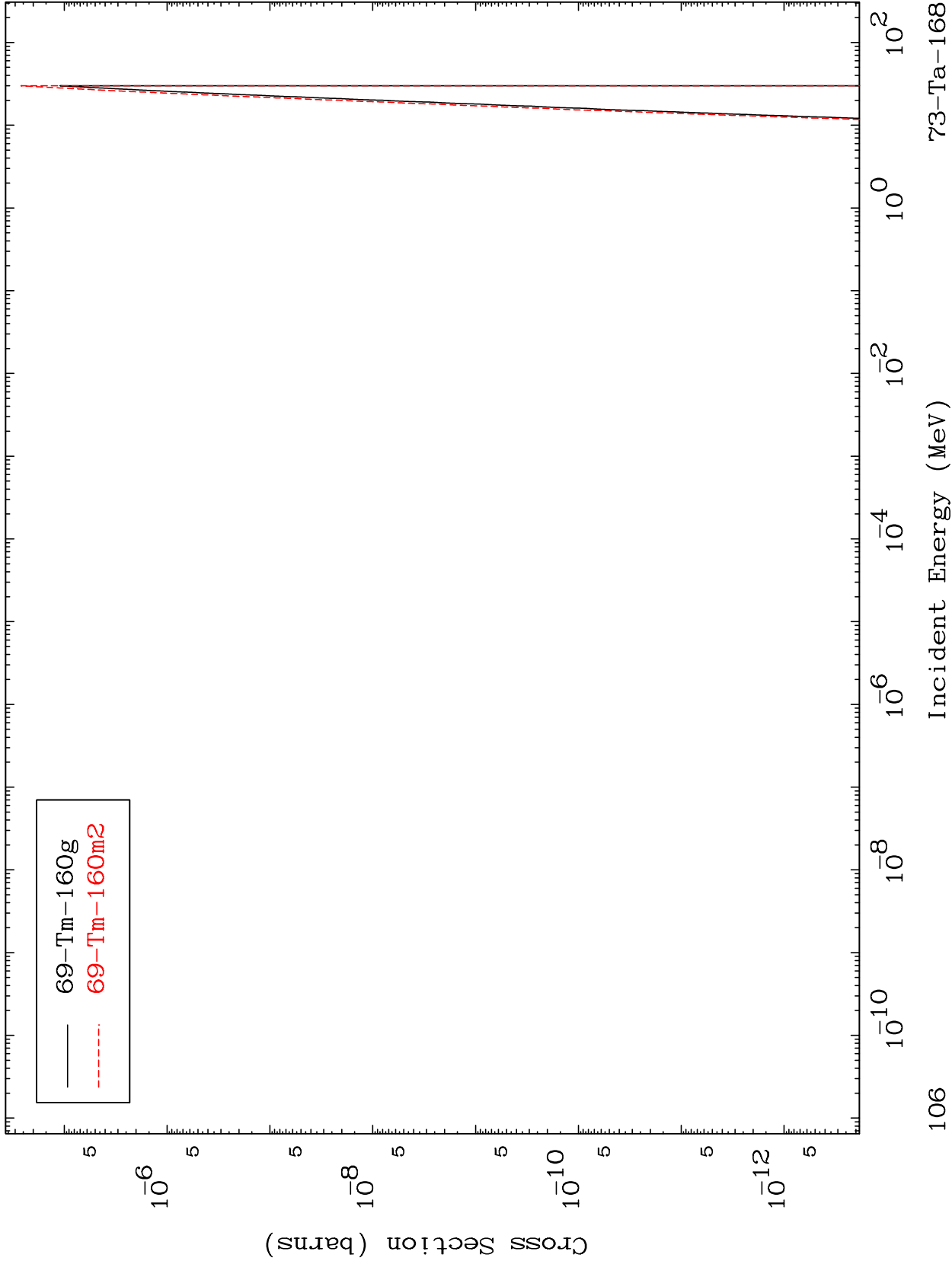
73-Ta-168

MAT 7289

(n,n') 2α

73-Ta-168

Radionuclide Production Cross Section



106

Incident Energy (MeV)

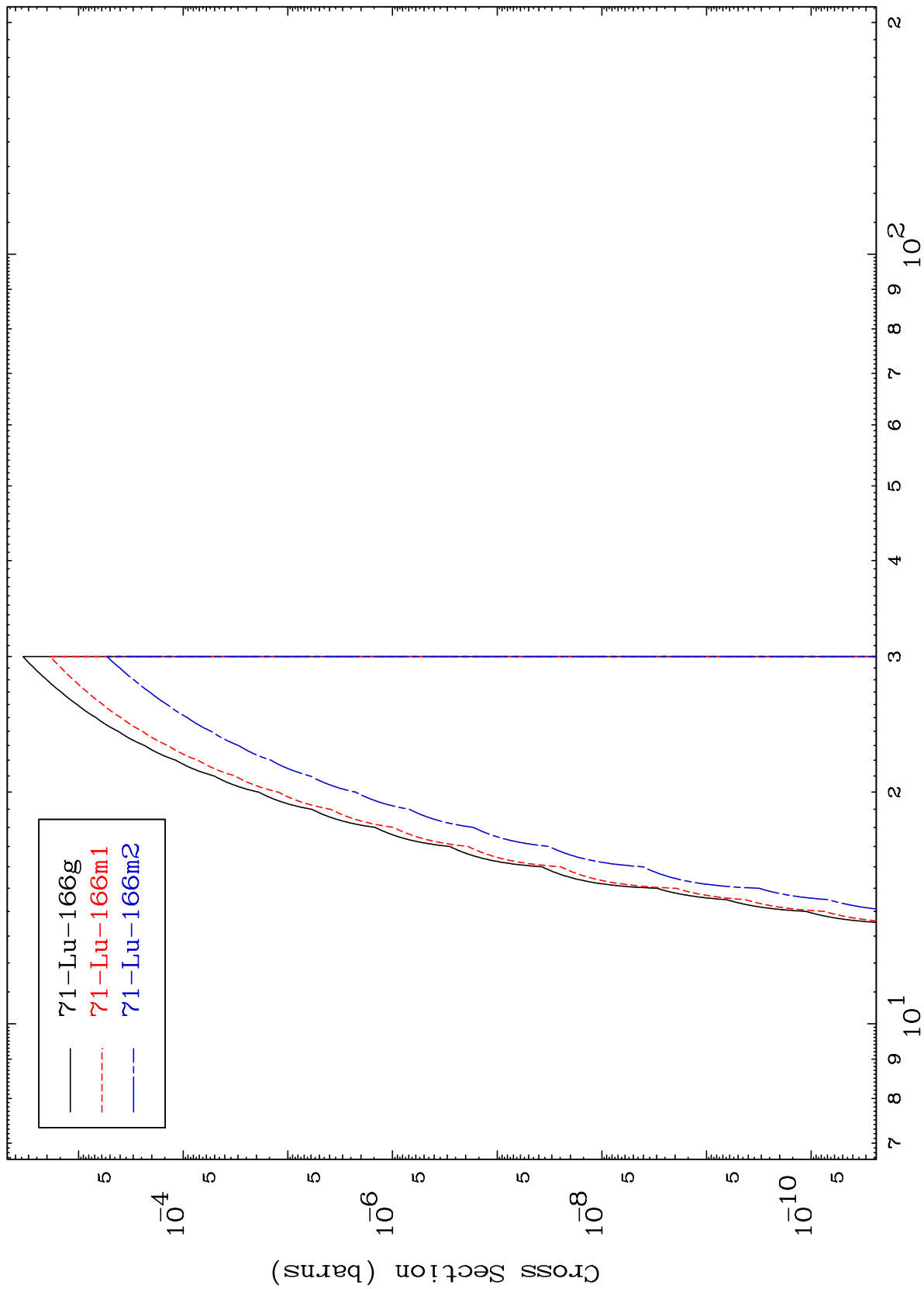
73-Ta-168

MAT 7289

(n,2n) p

73-Ta-168

Radionuclide Production Cross Section



107

Incident Energy (MeV)

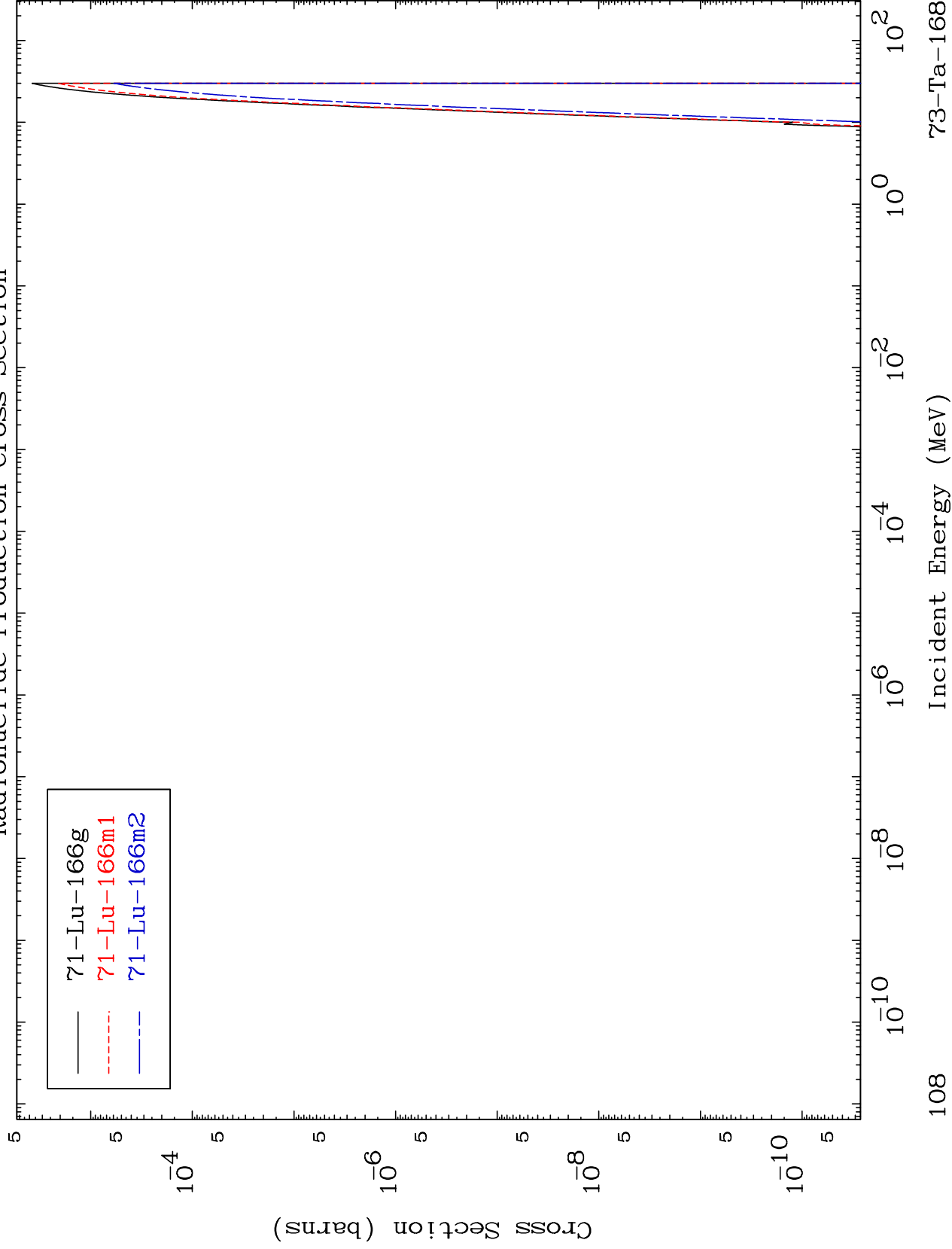
73-Ta-168

MAT 7289

(n,He-3)

73-Ta-168

Radionuclide Production Cross Section



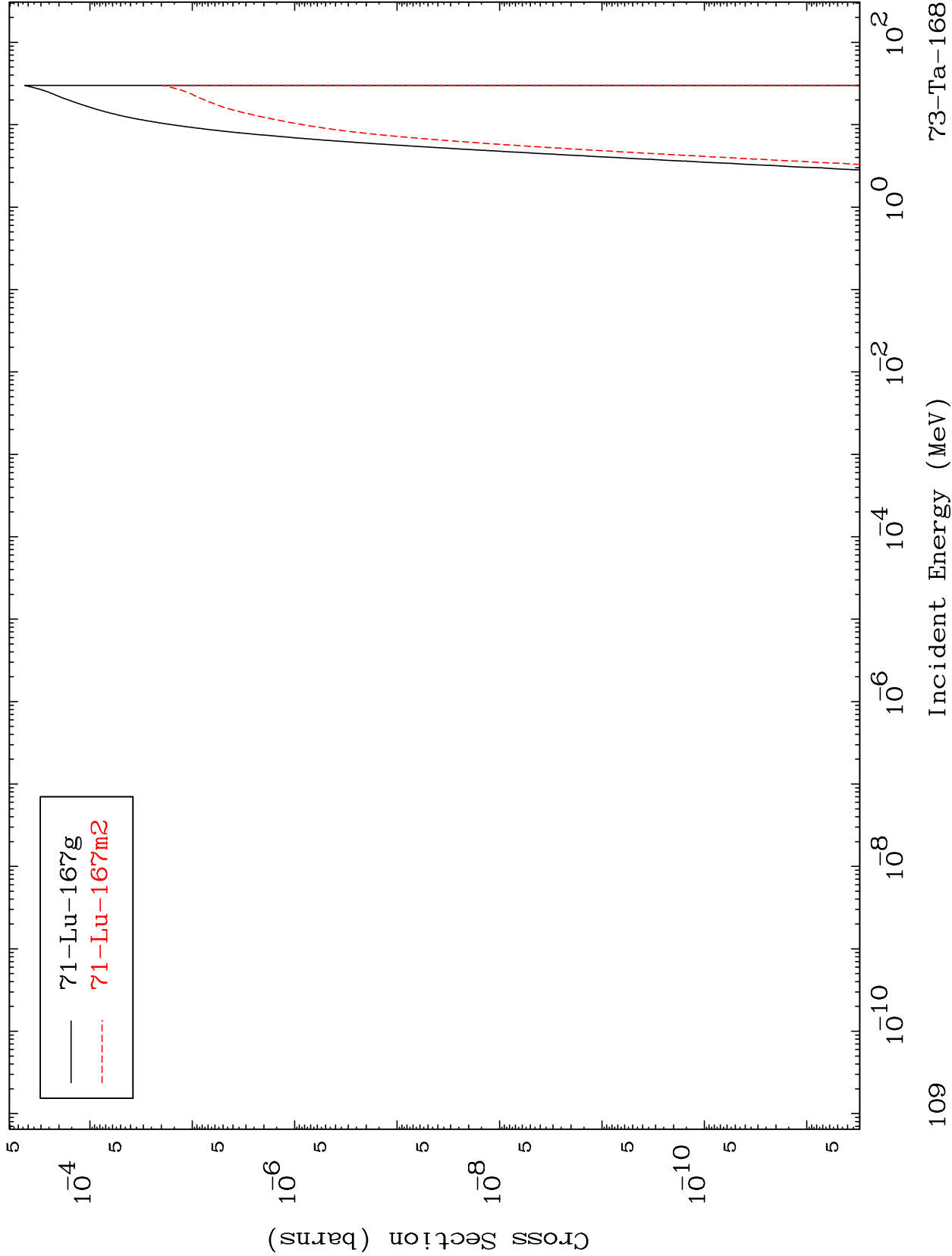
108

MAT 7289

(n,2p)

73-Ta-168

Radionuclide Production Cross Section



— $^{71}\text{Lu-167g}$
- - - $^{71}\text{Lu-167m2}$

109

Incident Energy (MeV)

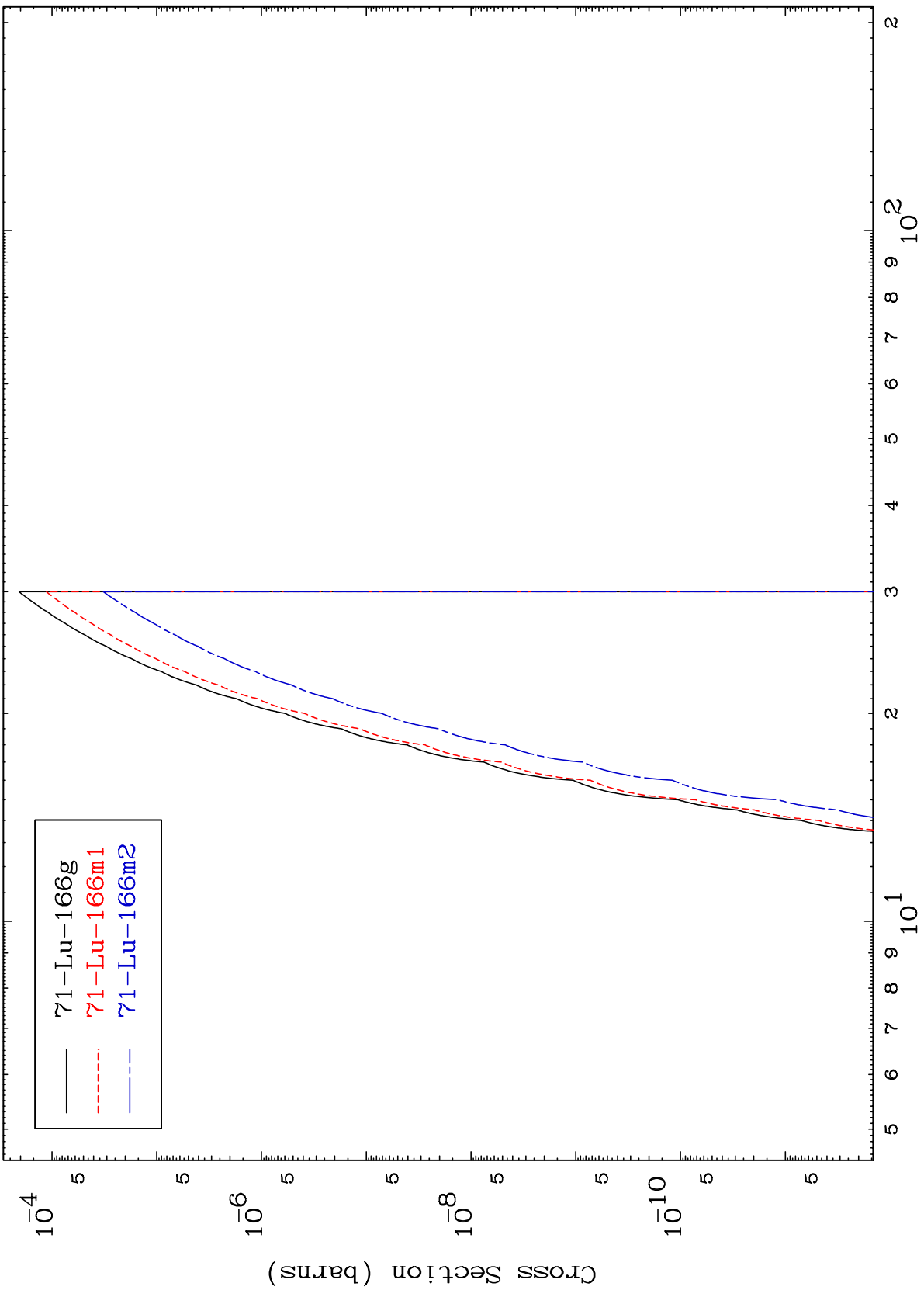
73-Ta-168

MAT 7289

(n,p) d

73-Ta-168

Radionuclide Production Cross Section



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

110

Incident Energy (MeV)

73-Ta-168