

Program EVALPLOT
(Version 2017-1)

by

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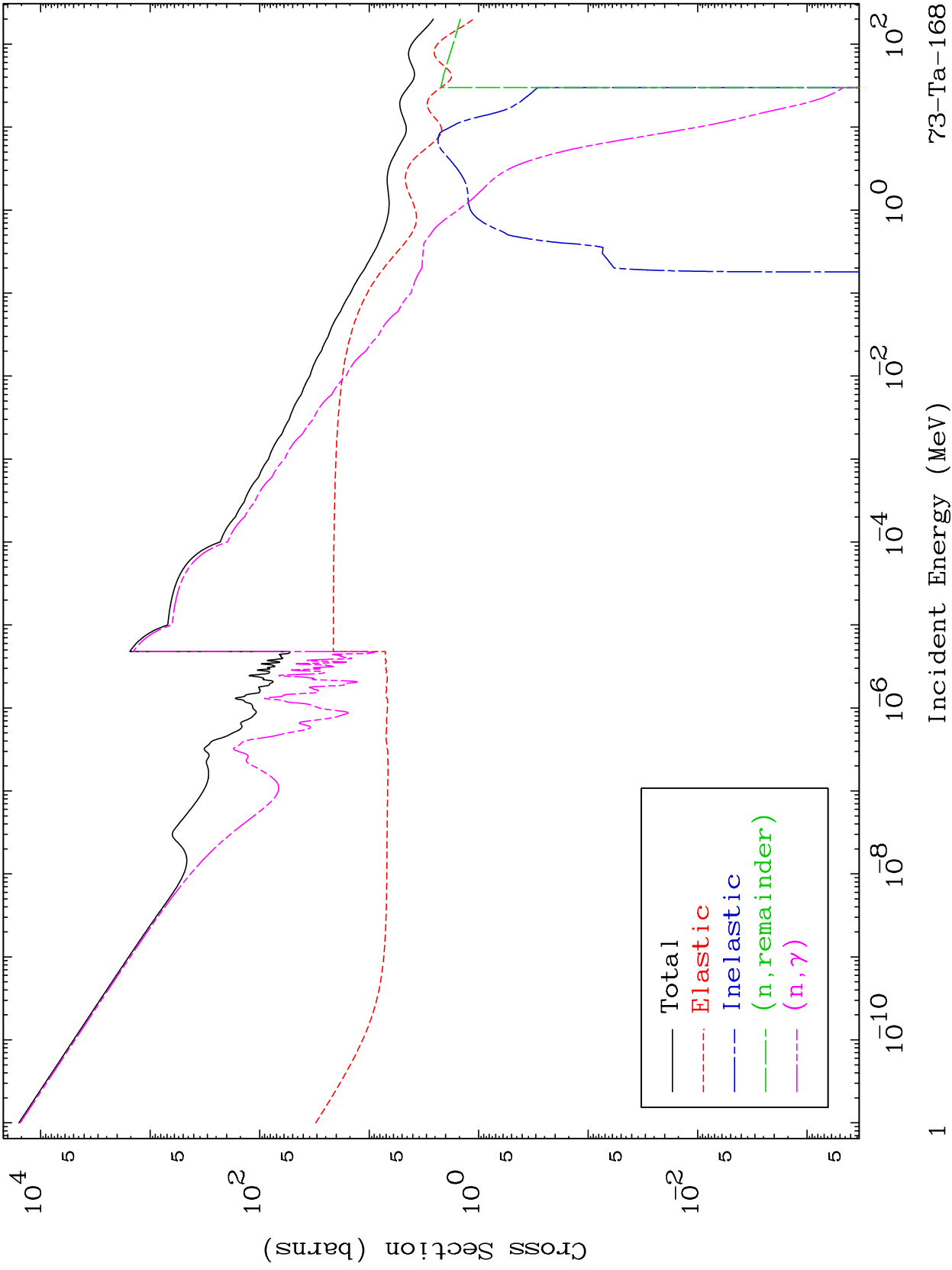
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Press Mouse Button to Start

MAT 7289

Major
293 Kelvin Cross Sections

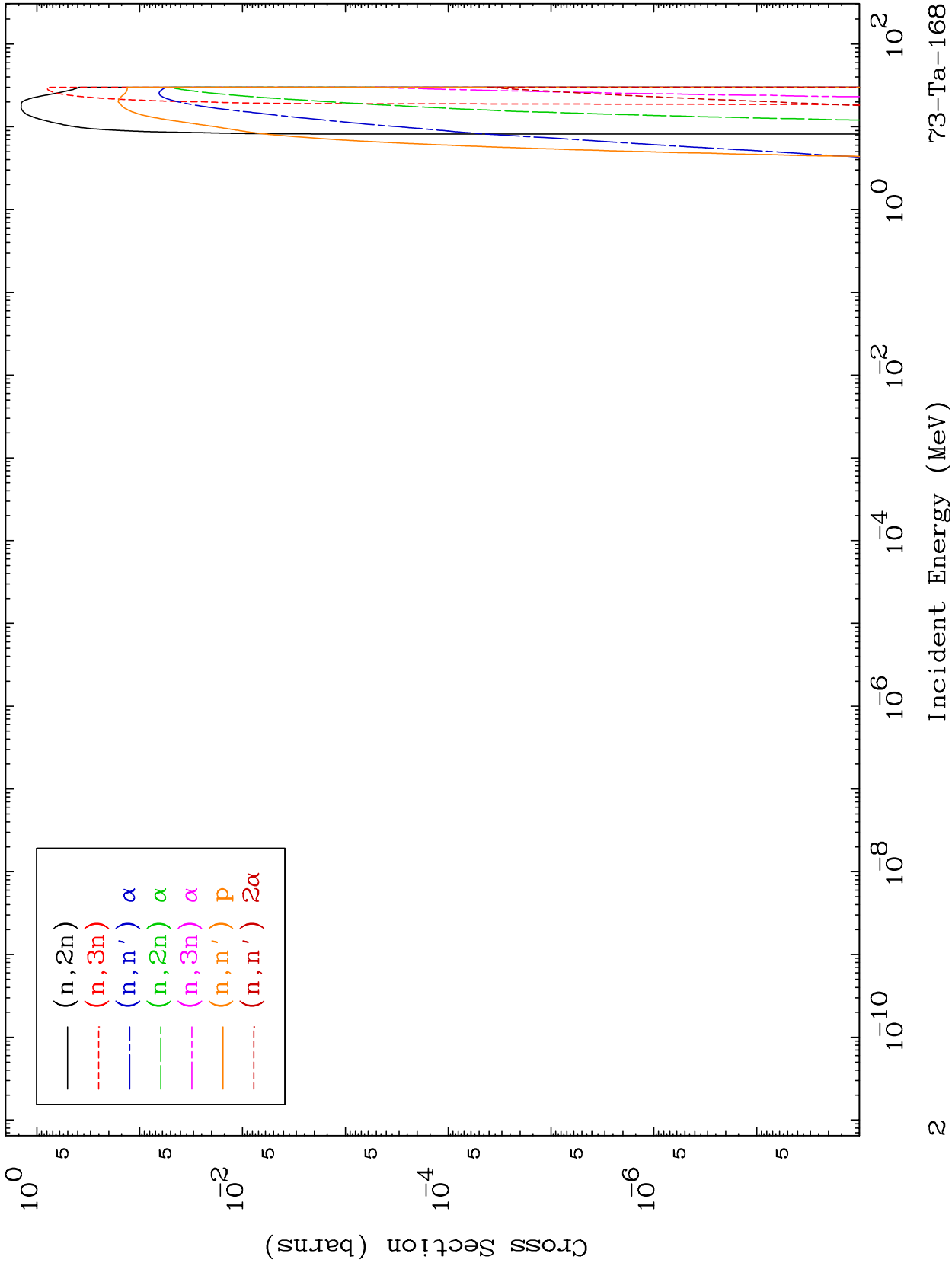
73-Ta-168



MAT 7289

Neutron Production
293 Kelvin Cross Sections

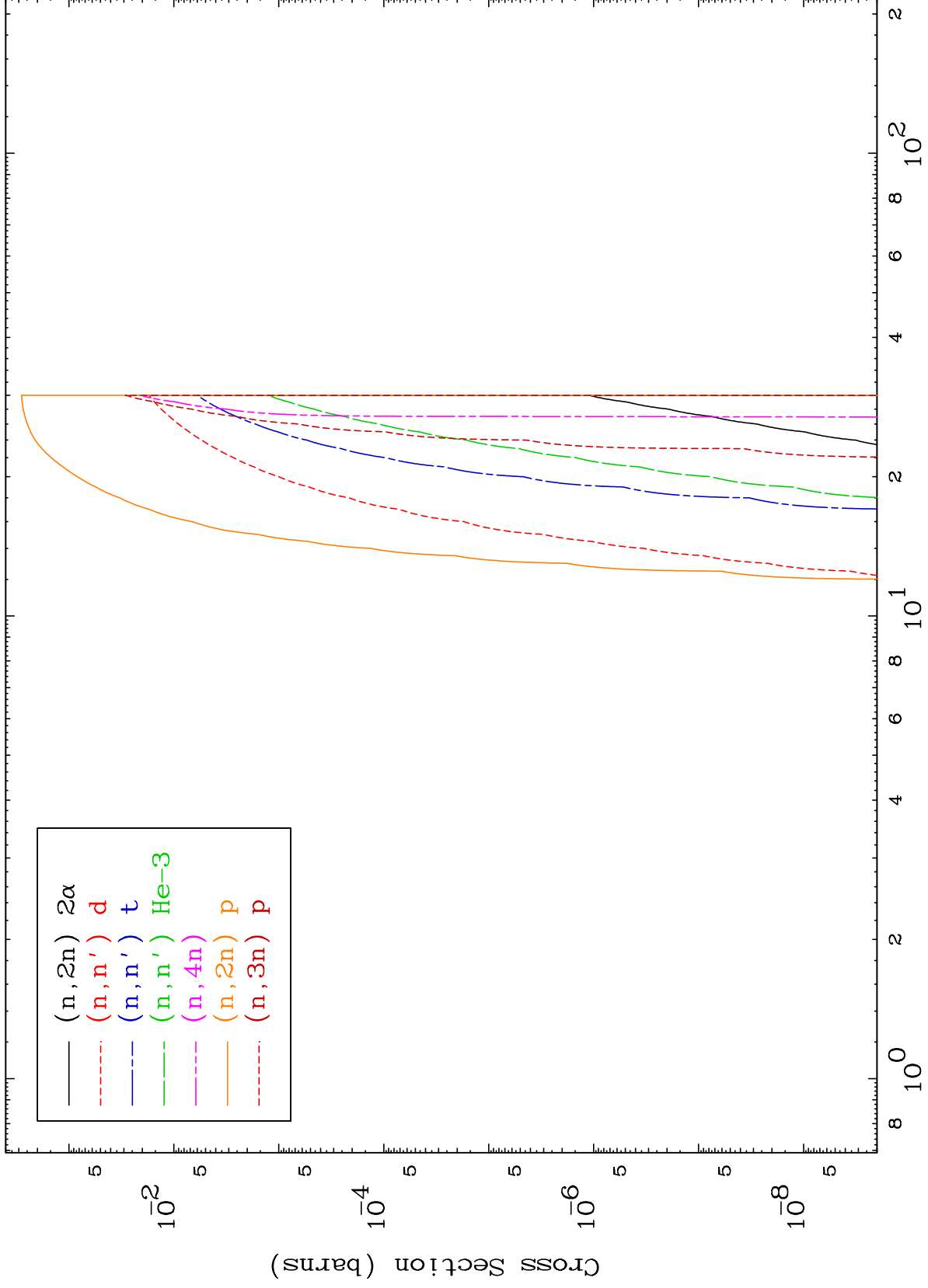
73-Ta-168



MAT 7289

Neutron Production
293 Kelvin Cross Sections

73-Ta-168



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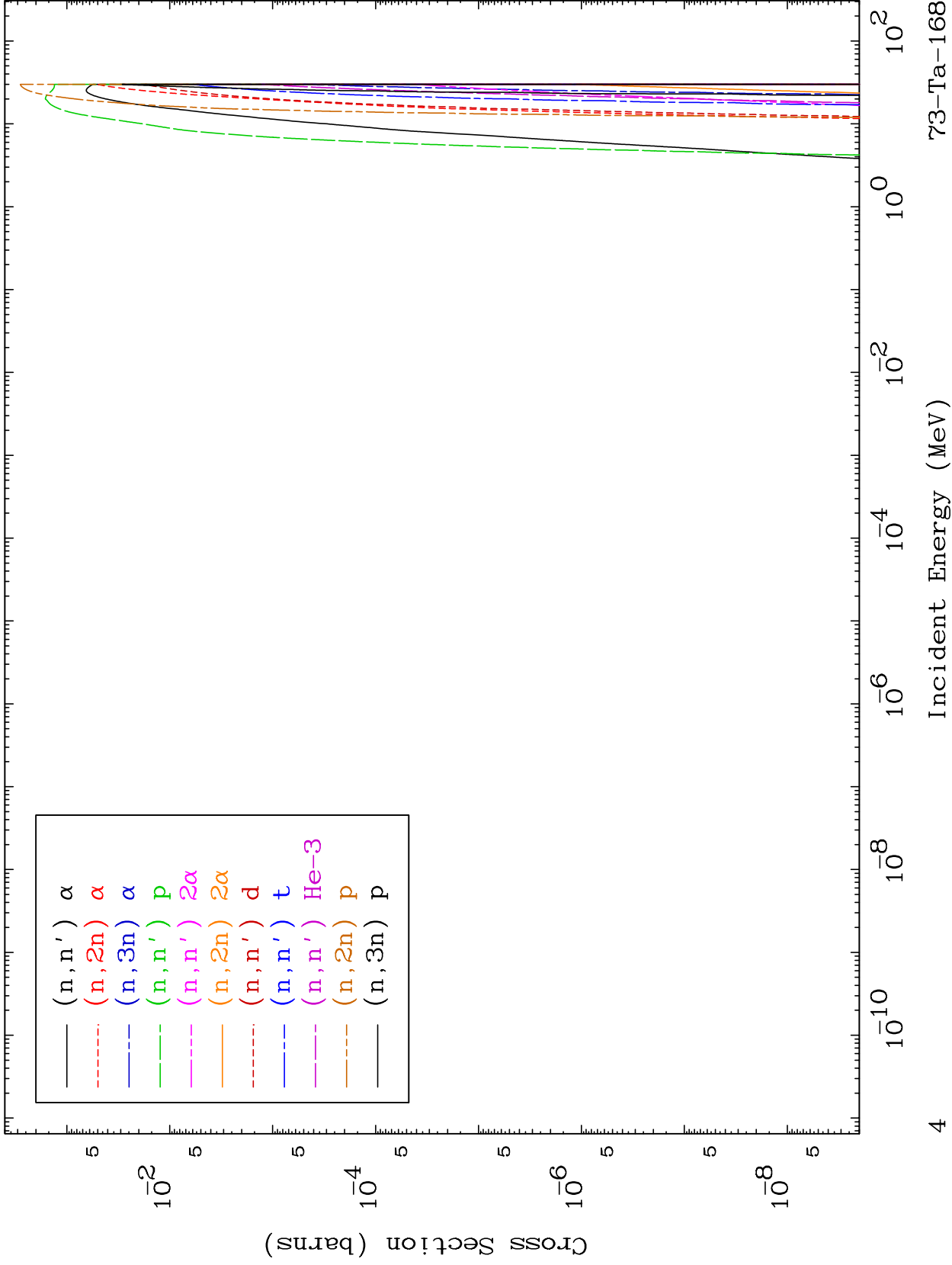
Incident Energy (MeV)

73-Ta-168

MAT 7289

Charged Particle
293 Kelvin Cross Sections

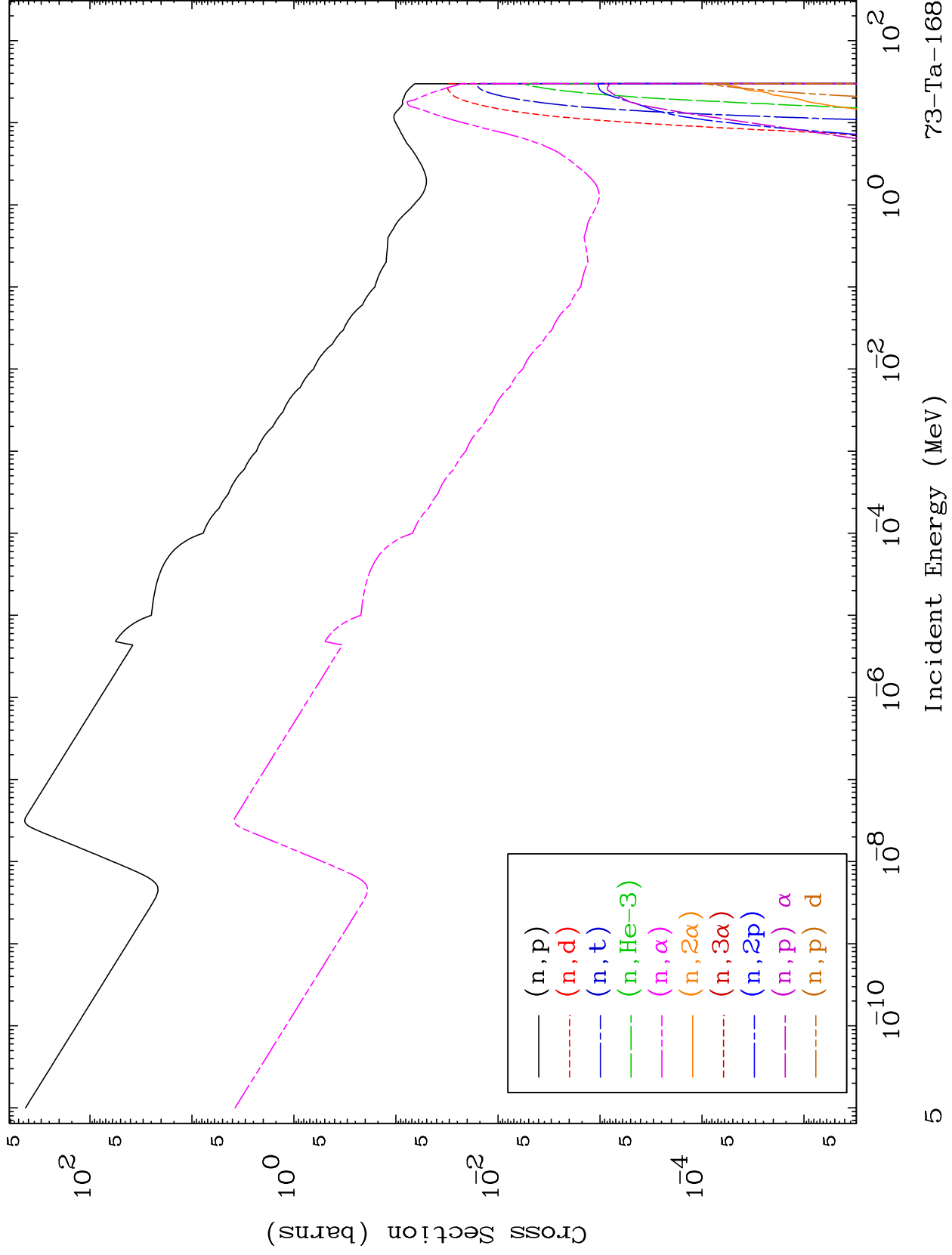
73-Ta-168



MAT 7289

Charged Particle
293 Kelvin Cross Sections

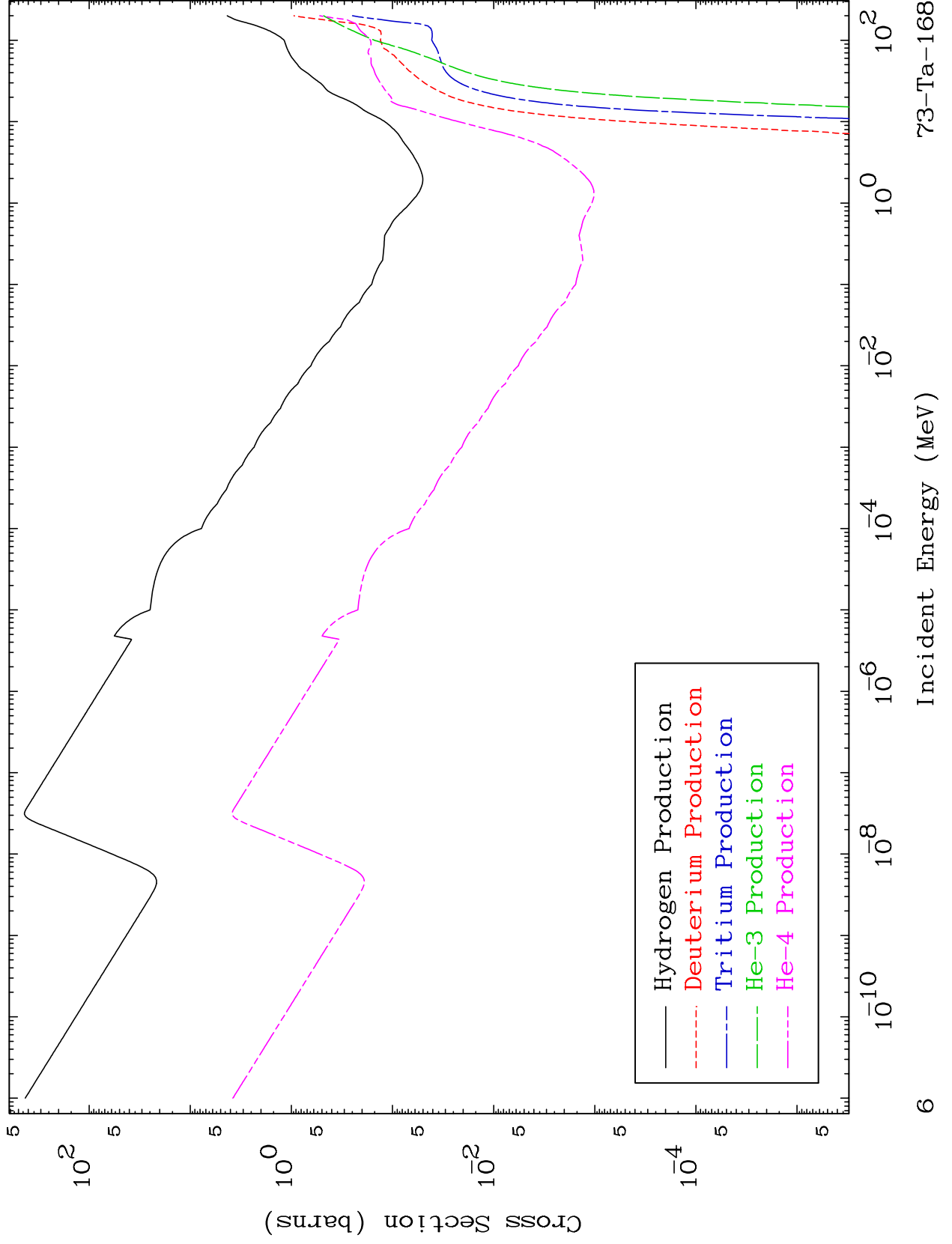
73-Ta-168



MAT 7289

Particle Production
293 Kelvin Cross Sections

73-Ta-168

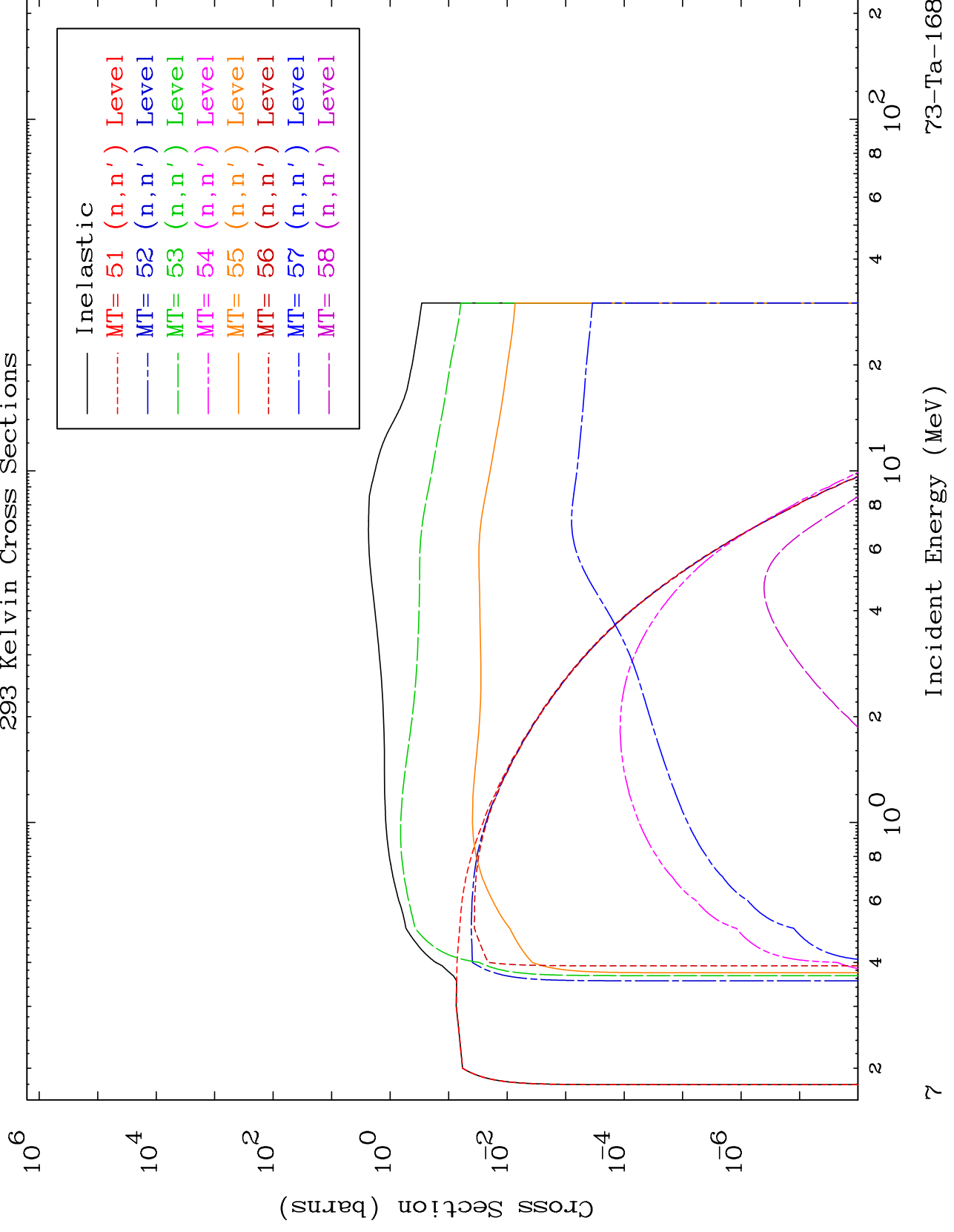


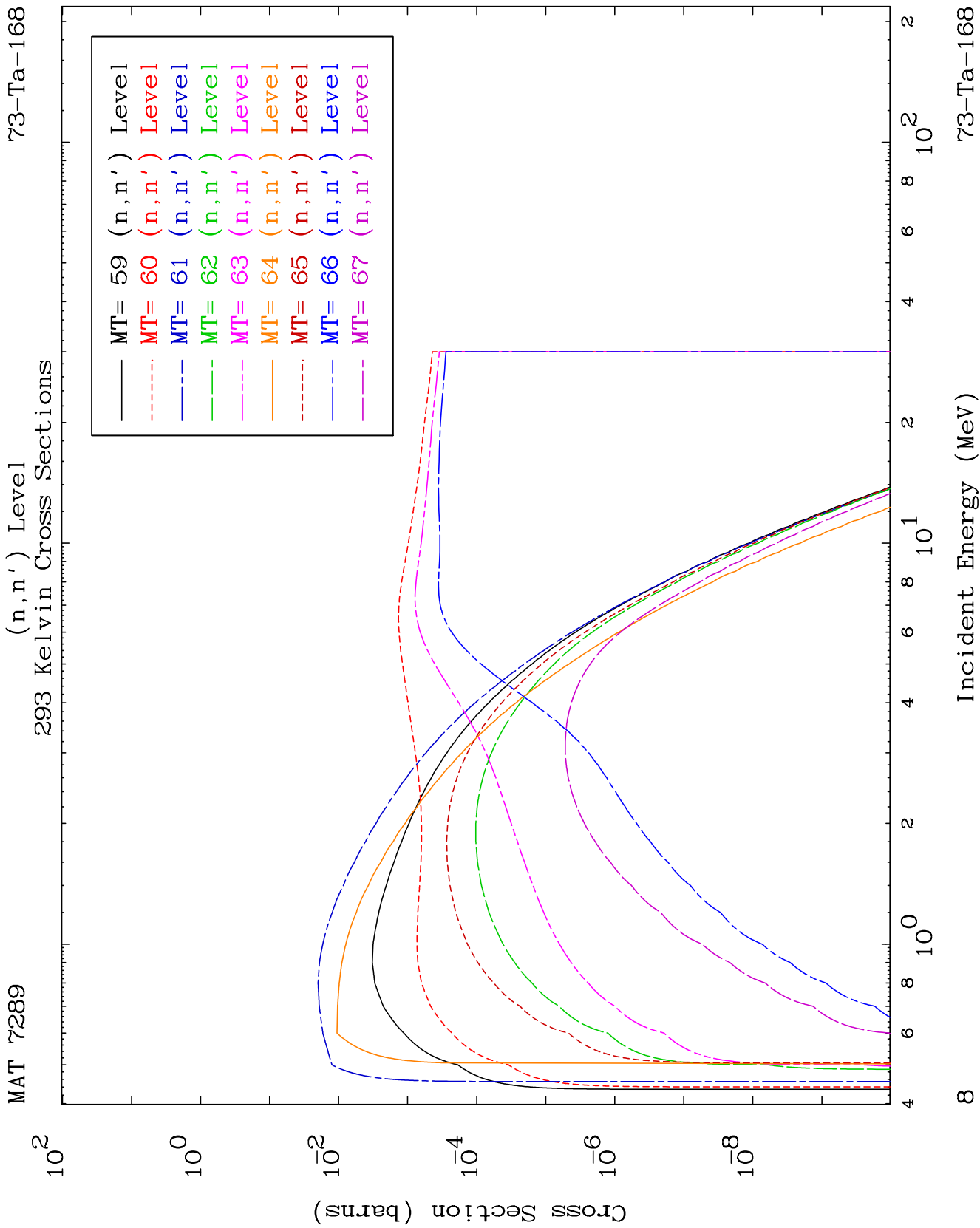
MAT 7289

(n,n') Level

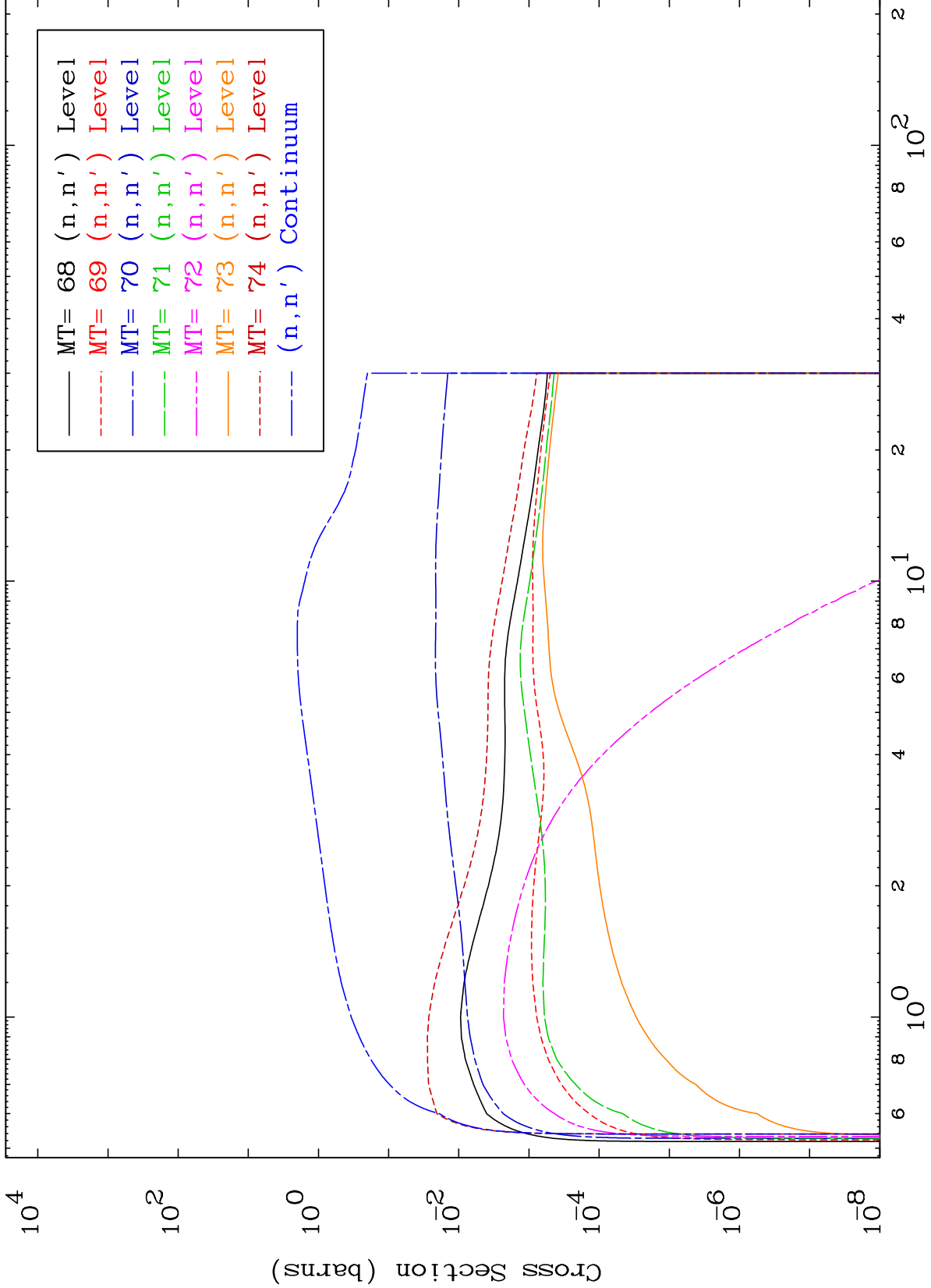
73-Ta-168

293 Kelvin Cross Sections





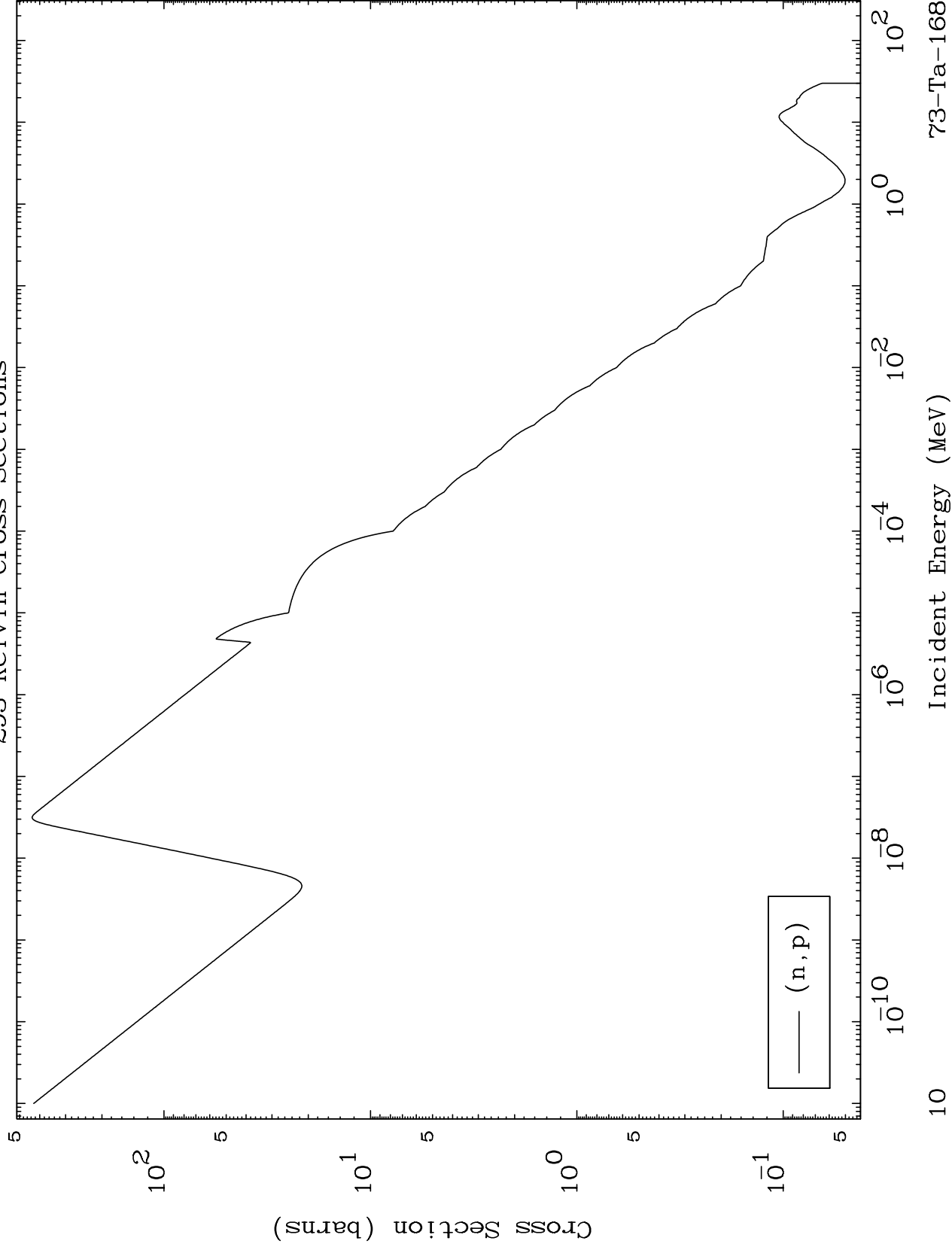
293 Kelvin Cross Sections



MAT 7289

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-168



73-Ta-168

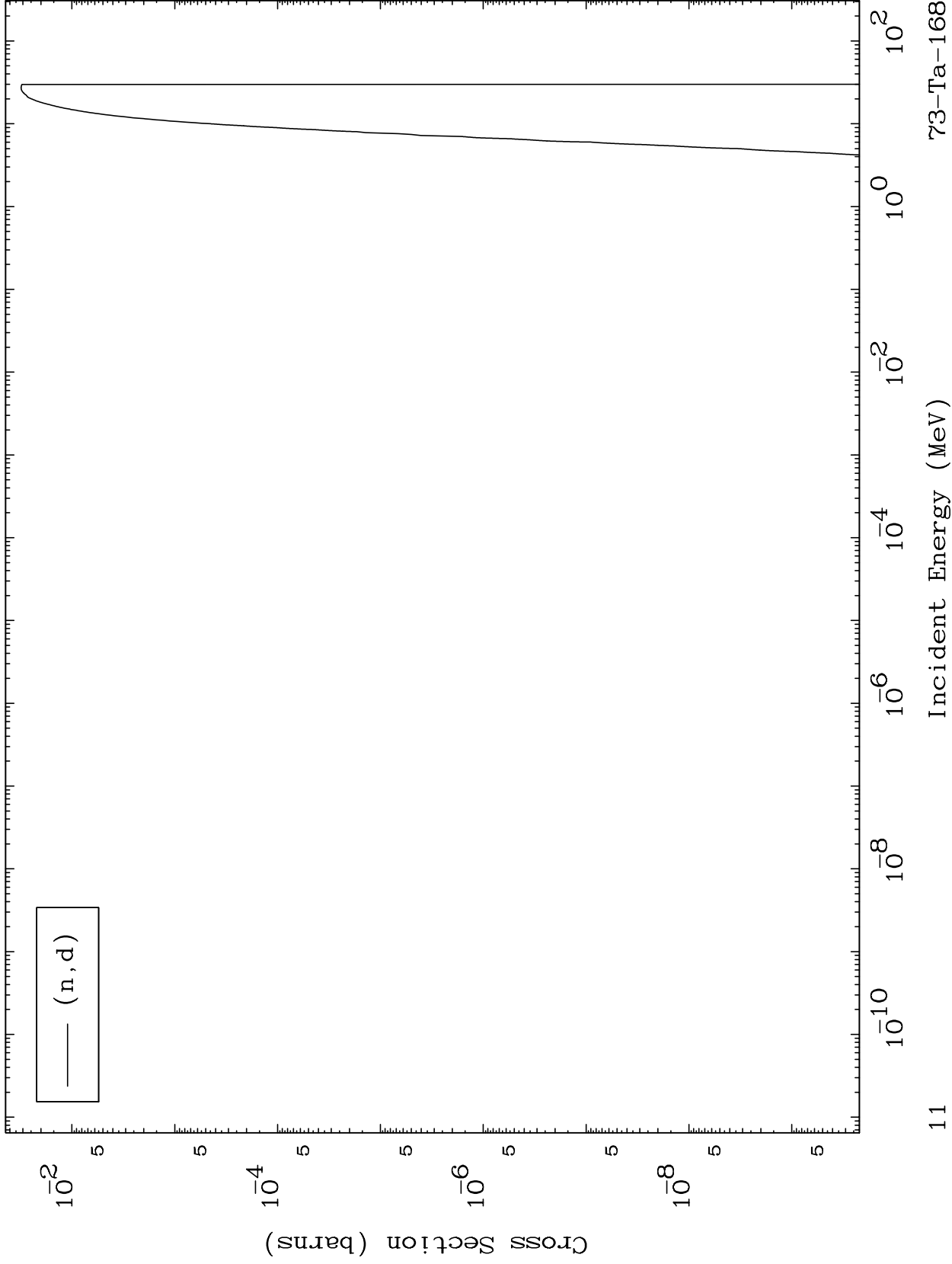
Incident Energy (MeV)

10

MAT 7289

(n,d) Levels
293 Kelvin Cross Sections

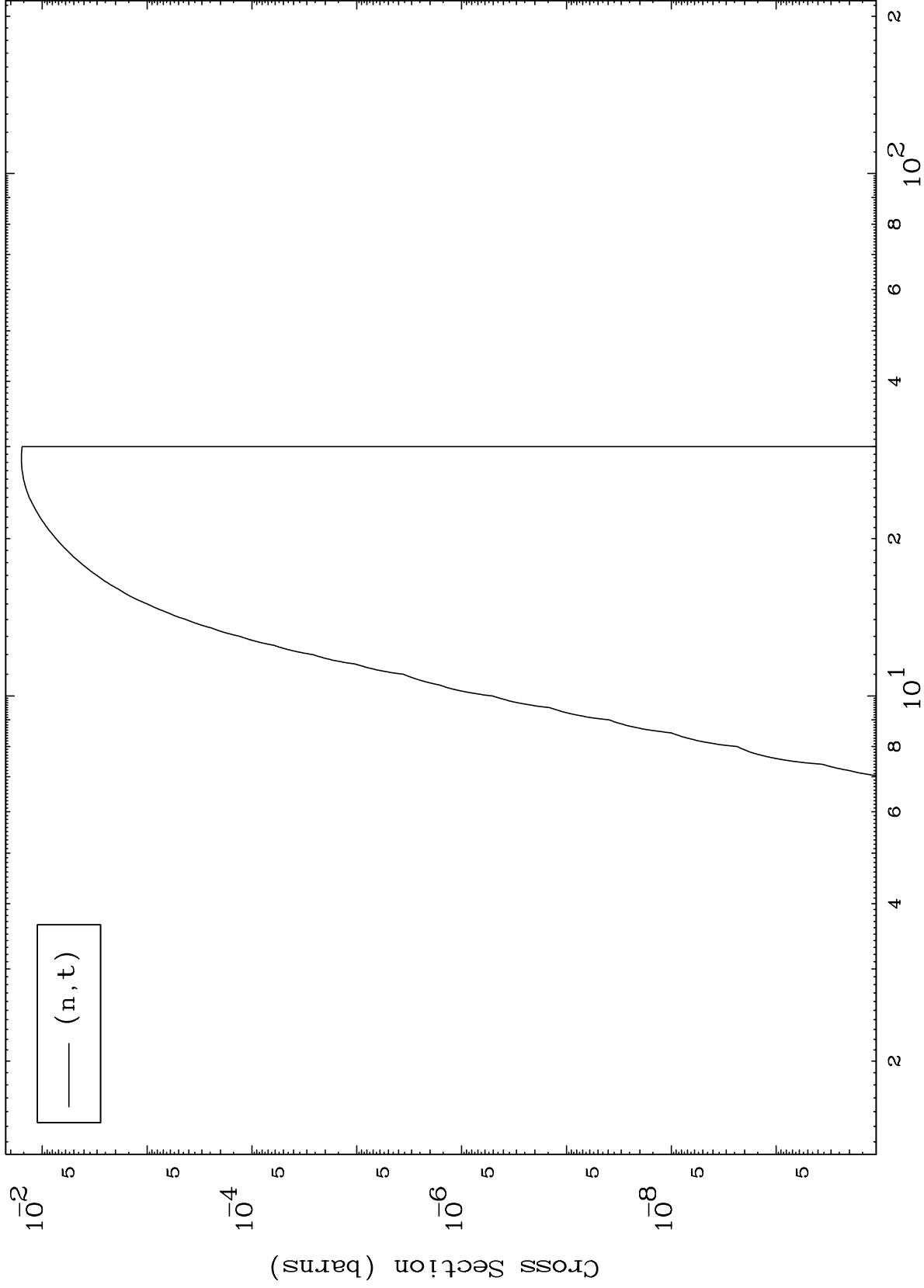
73-Ta-168



MAT 7289

(n,t) Levels
293 Kelvin Cross Sections

⁷³Ta-168



12

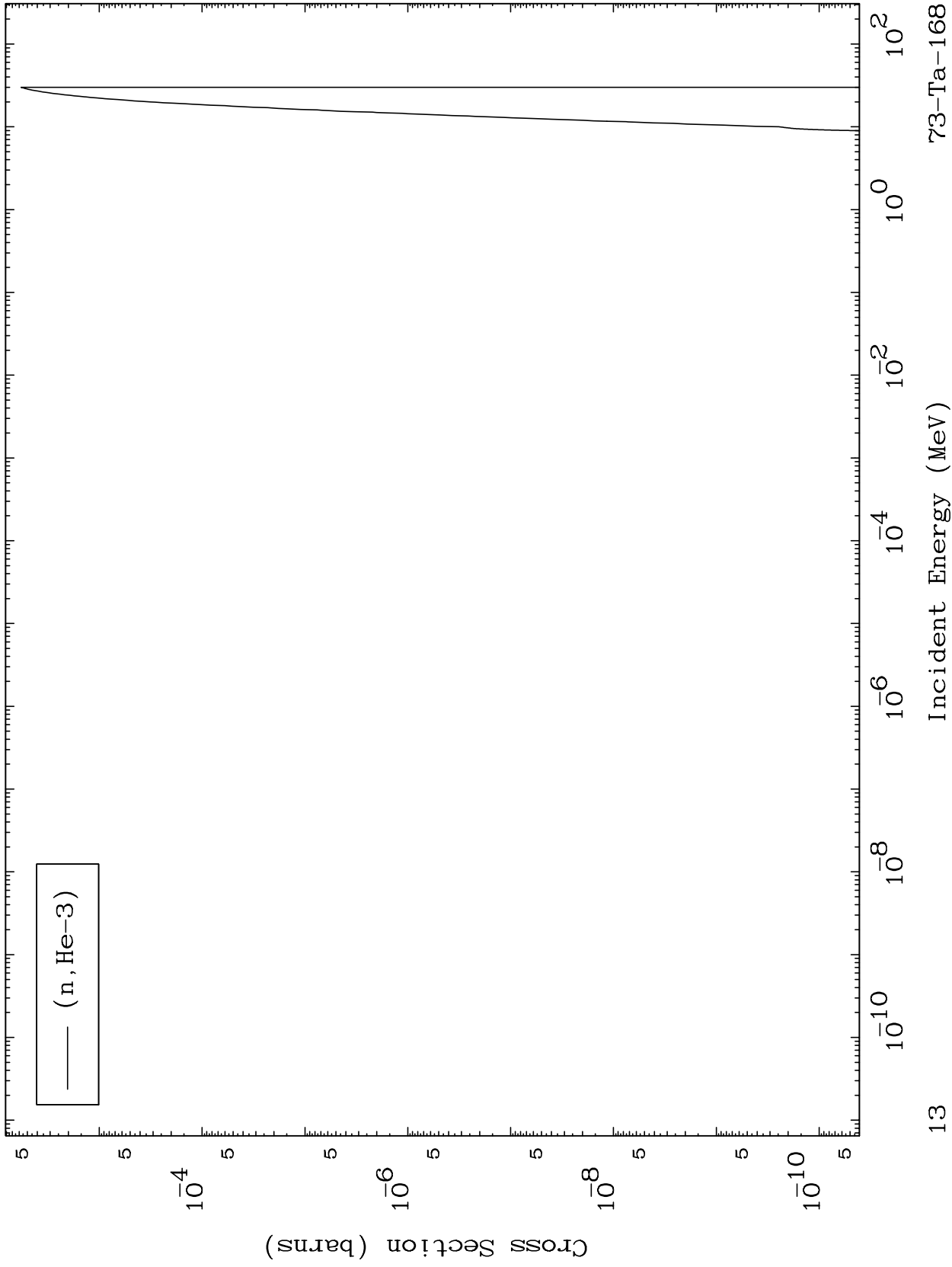
Incident Energy (MeV)

⁷³Ta-168

MAT 7289

(n,He3) Levels
293 Kelvin Cross Sections

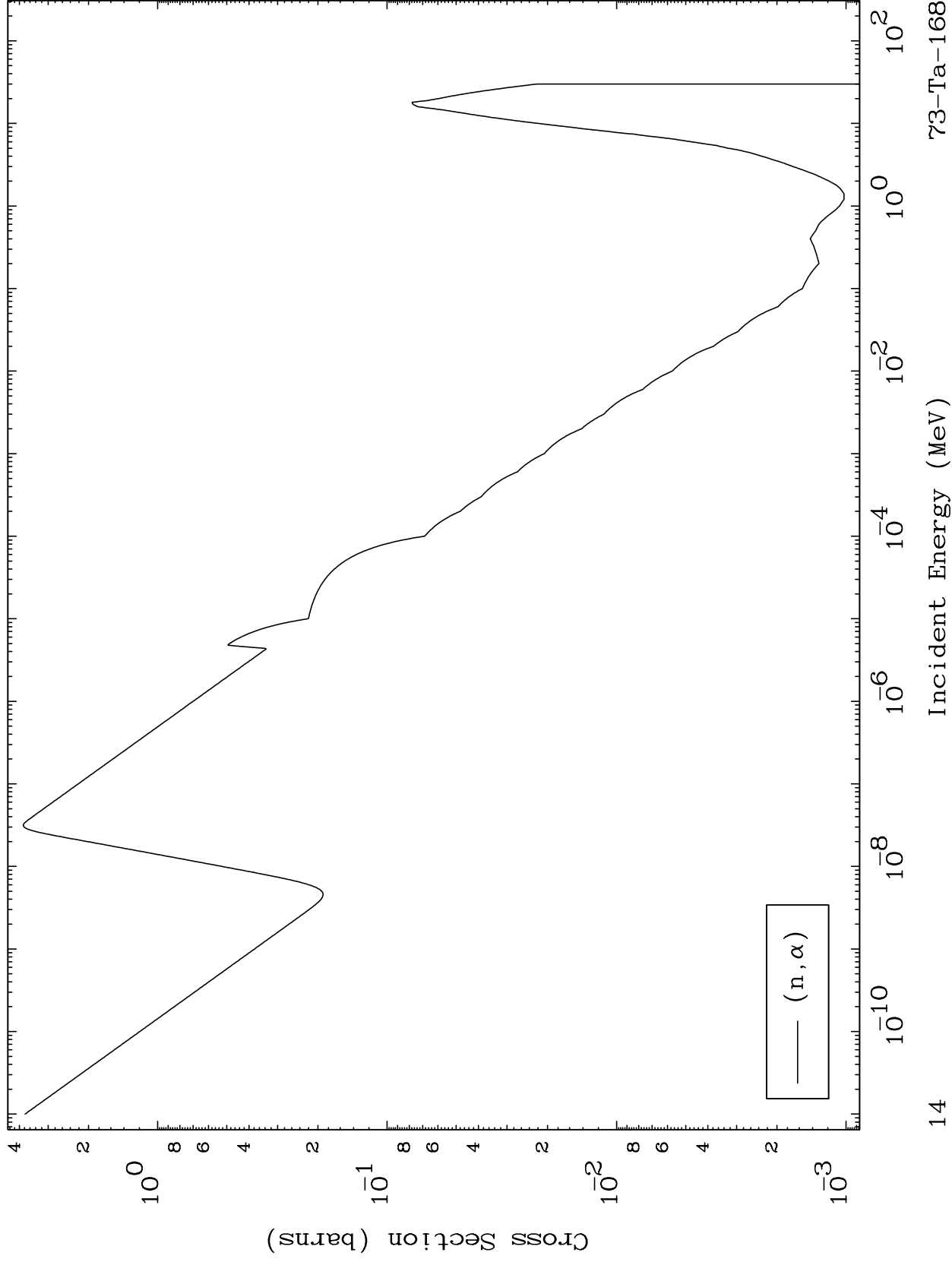
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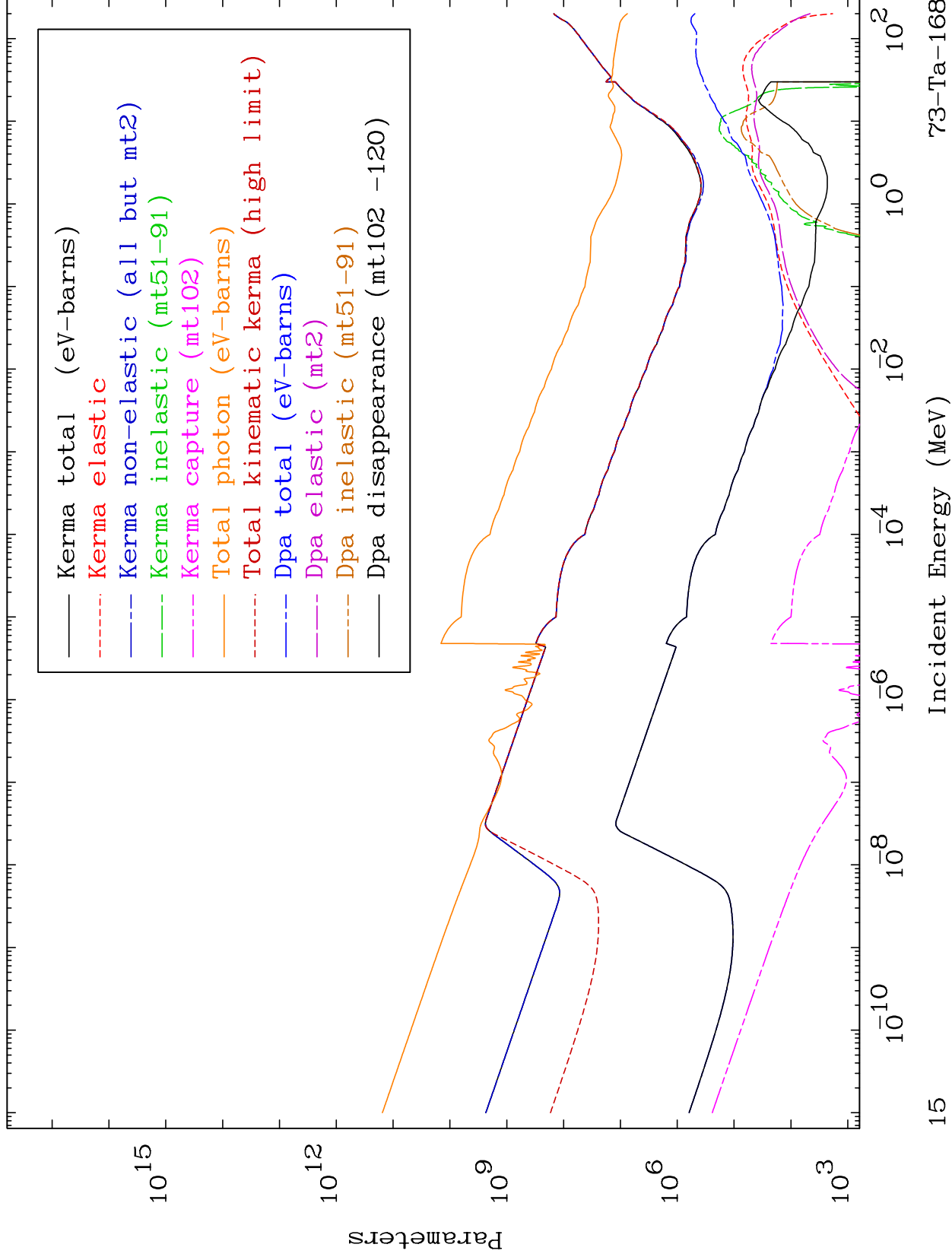


MAT 7289

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-168

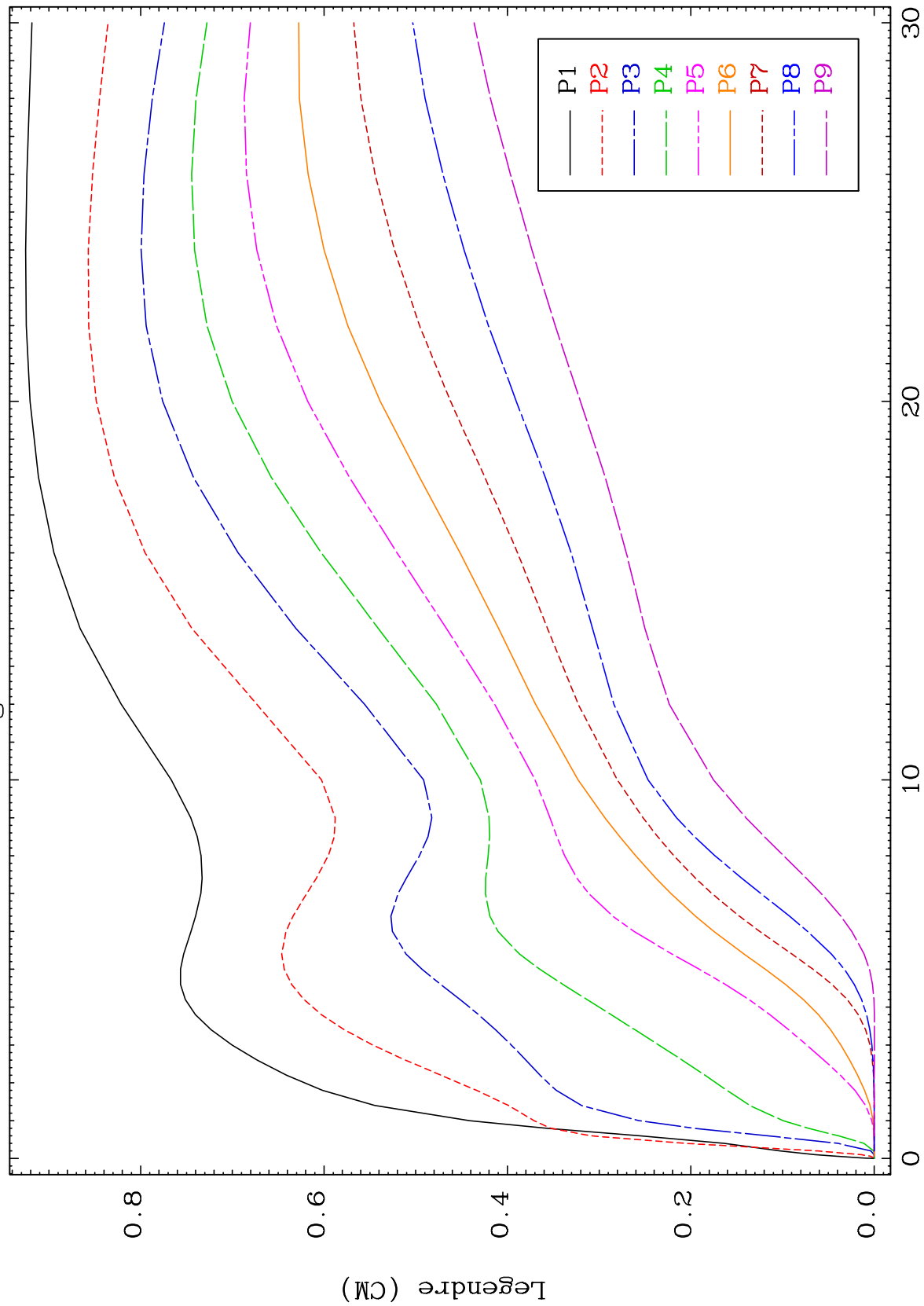




MAT 7289

Elastic Legendre Coefficients

⁷³Ta-168



16

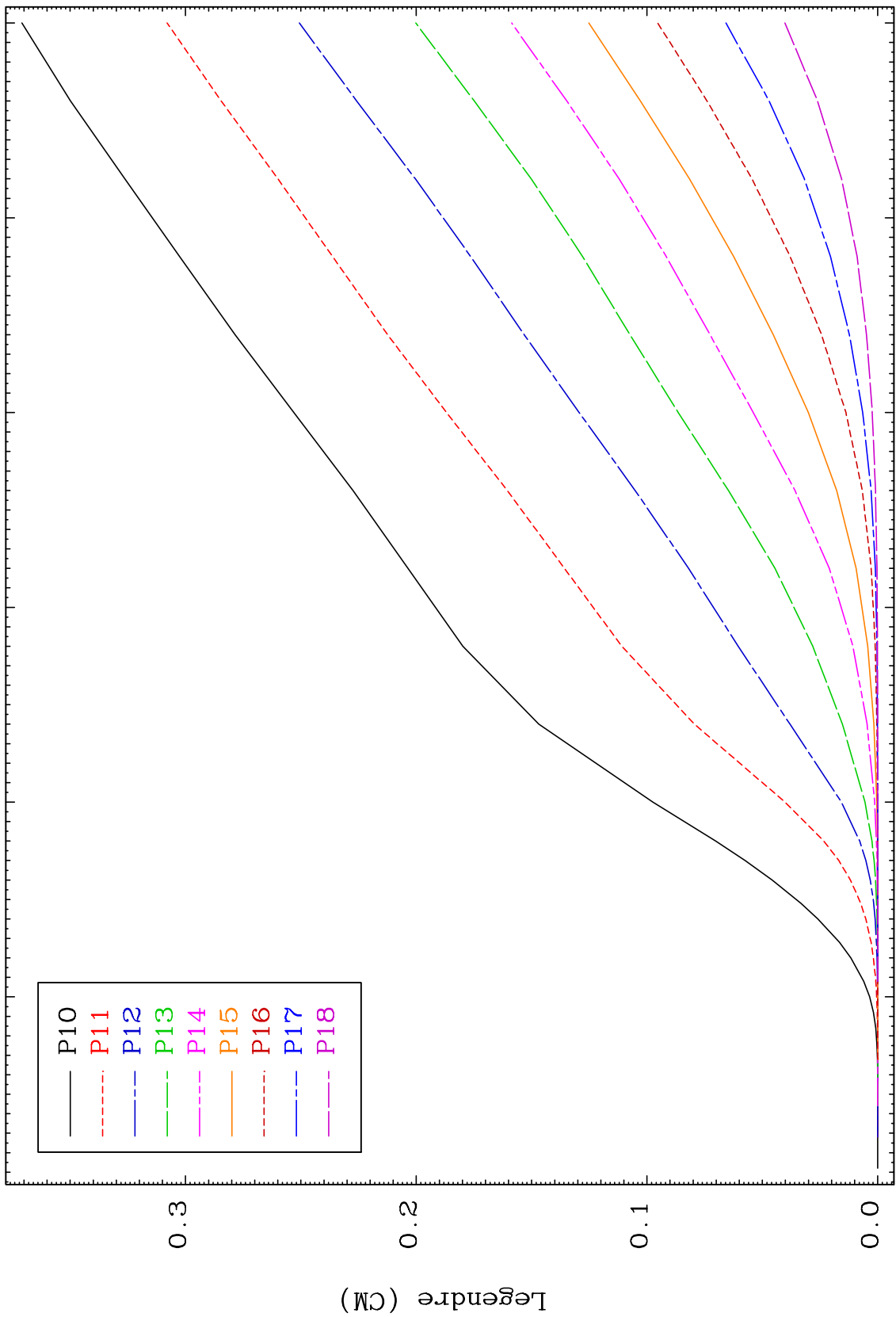
Incident Energy (MeV)

⁷³Ta-168

MAT 7289

Elastic Legendre Coefficients

⁷³Ta-168



17

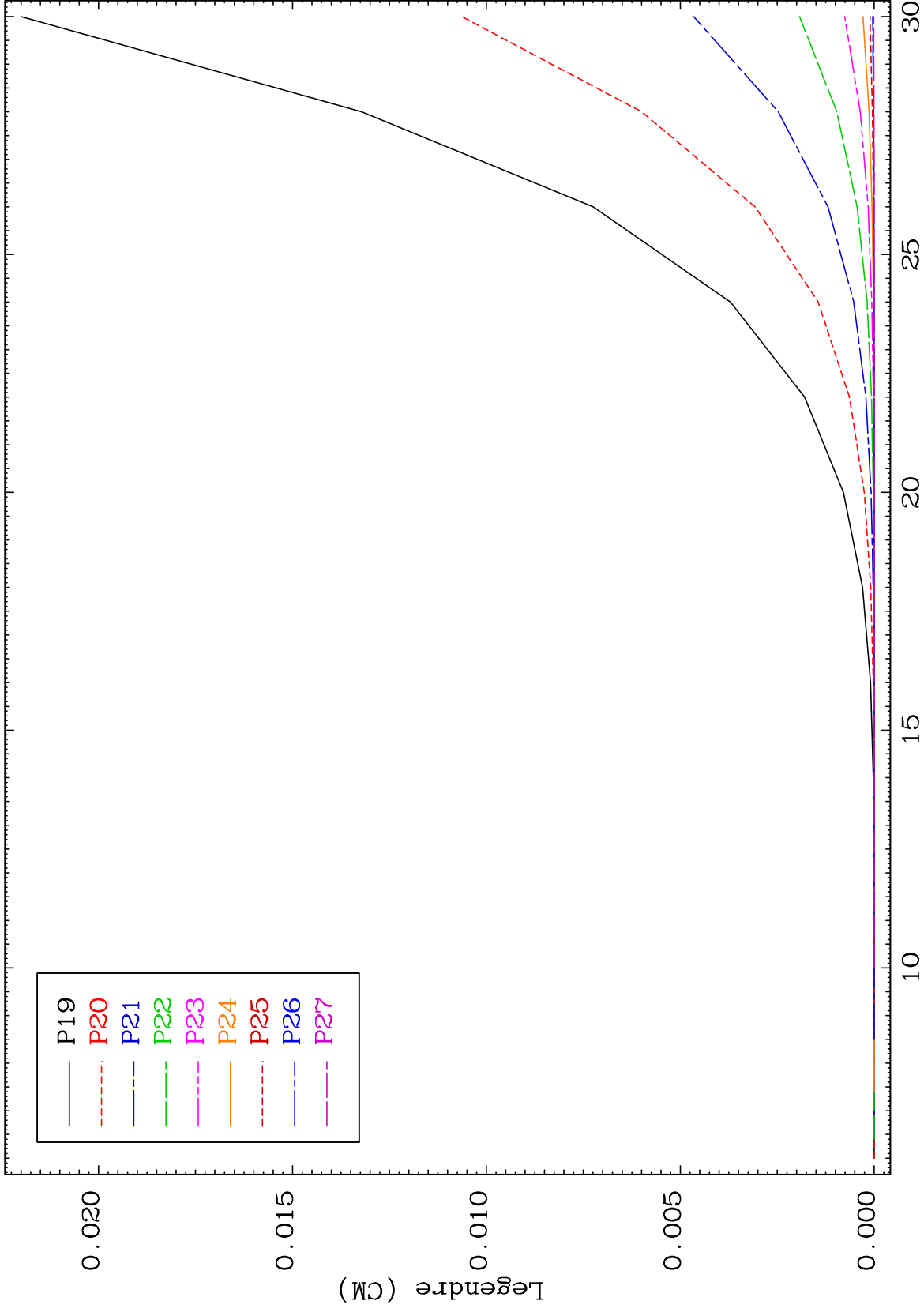
⁷³Ta-168

Incident Energy (MeV)

MAT 7289

Elastic
Legendre Coefficients

73-Ta-168



18

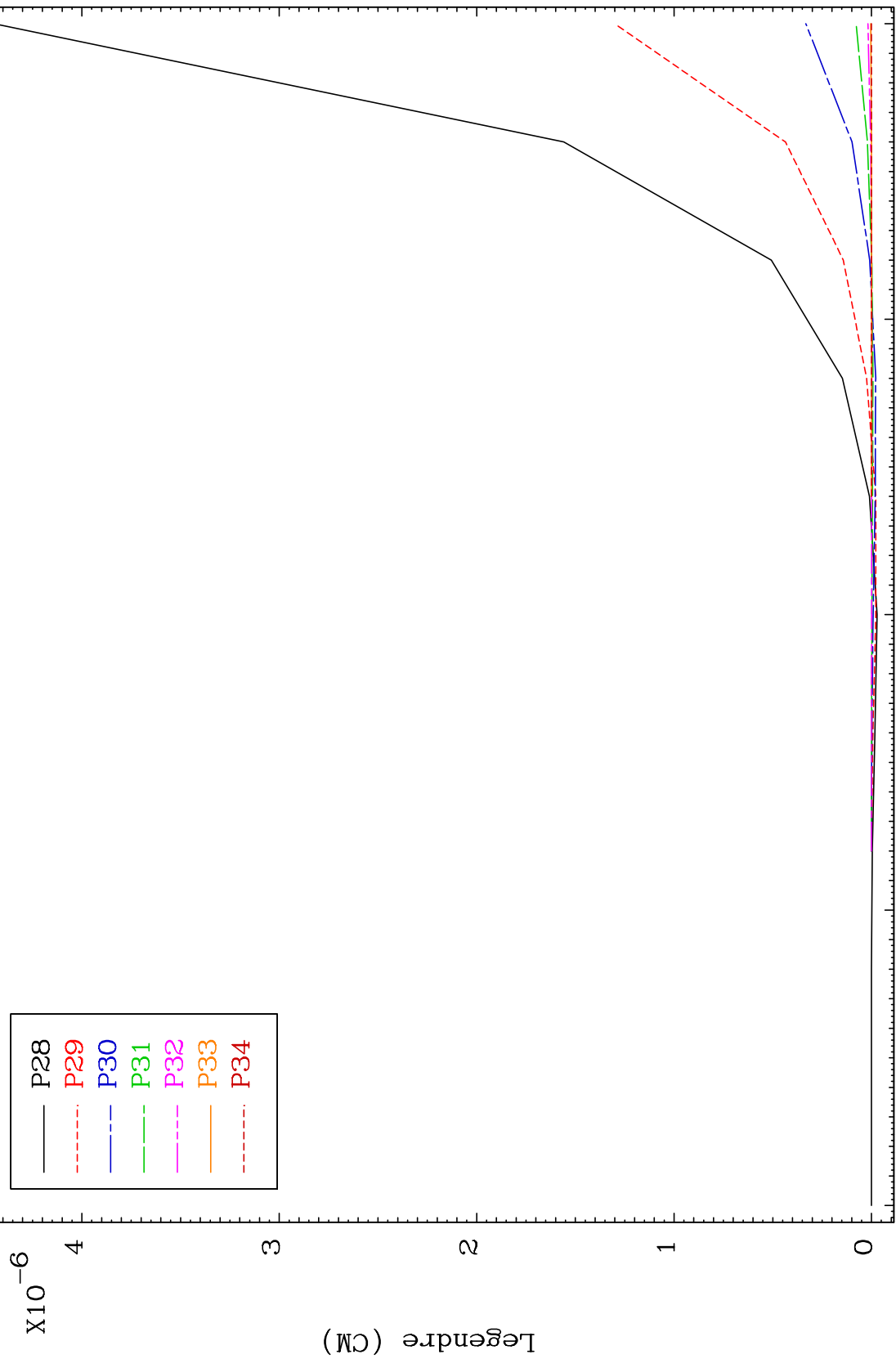
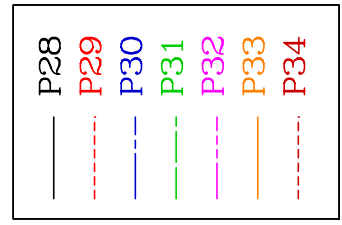
Incident Energy (MeV)

73-Ta-168

MAT 7289

Elastic
Legendre Coefficients

⁷³Ta-168



10

15

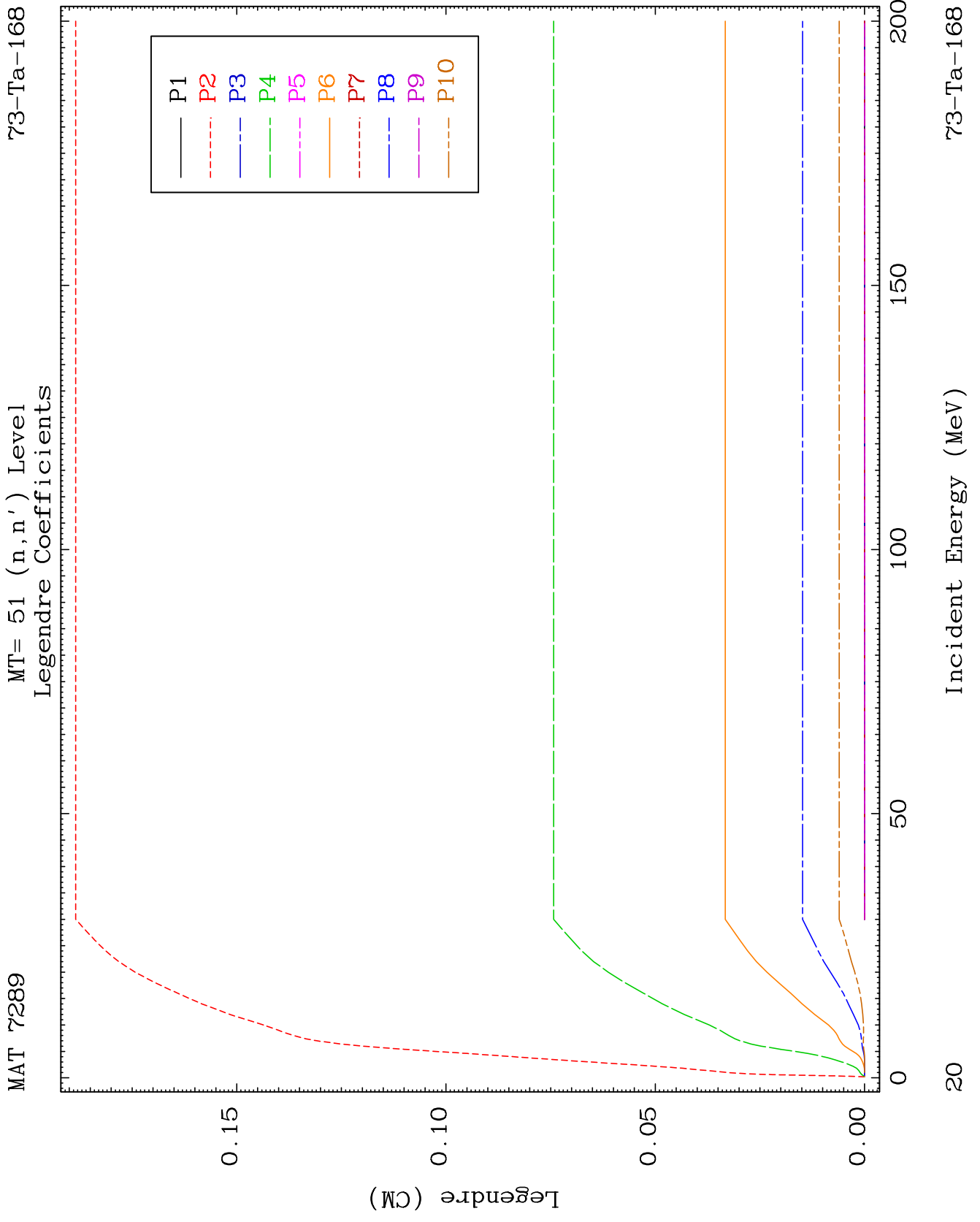
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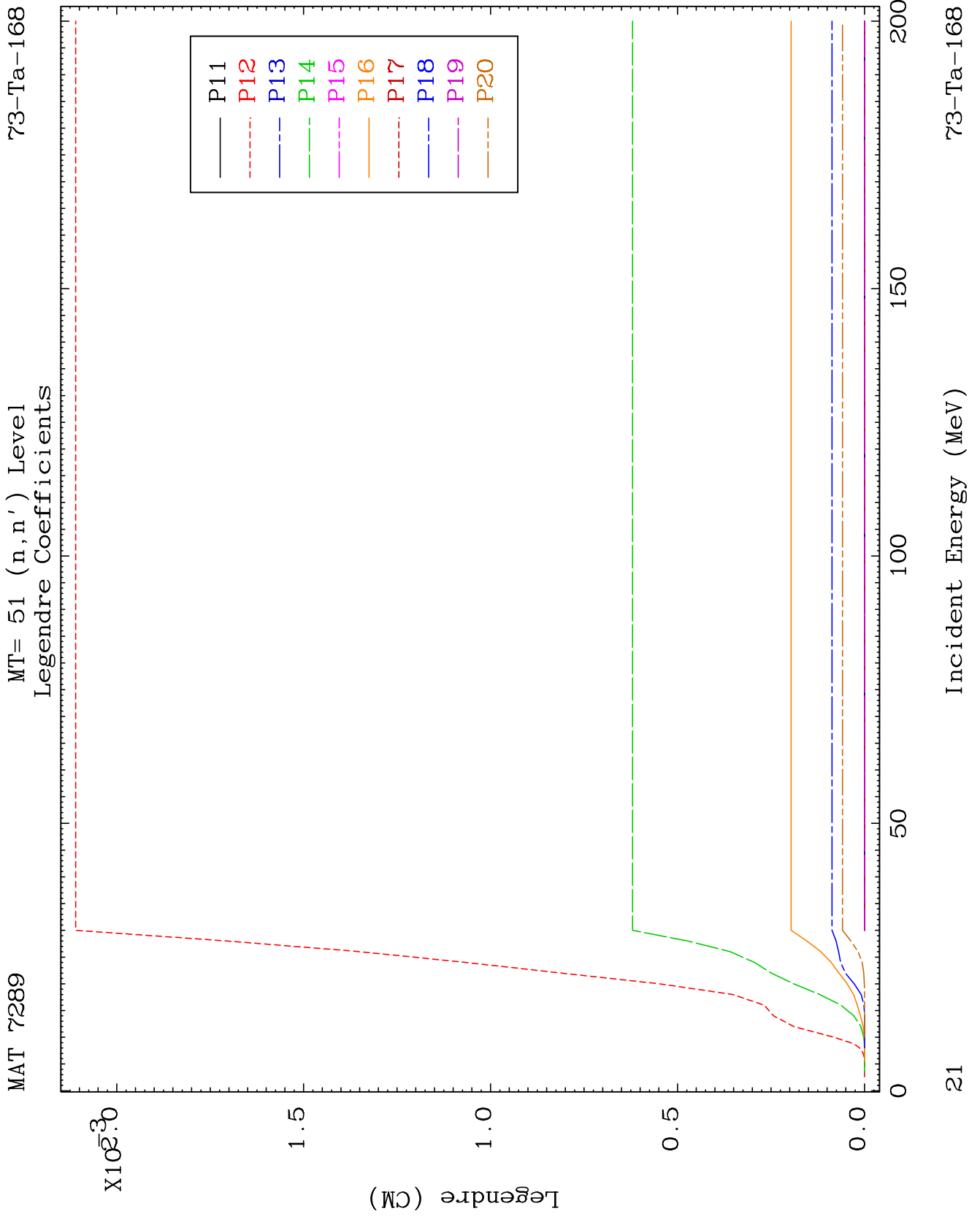
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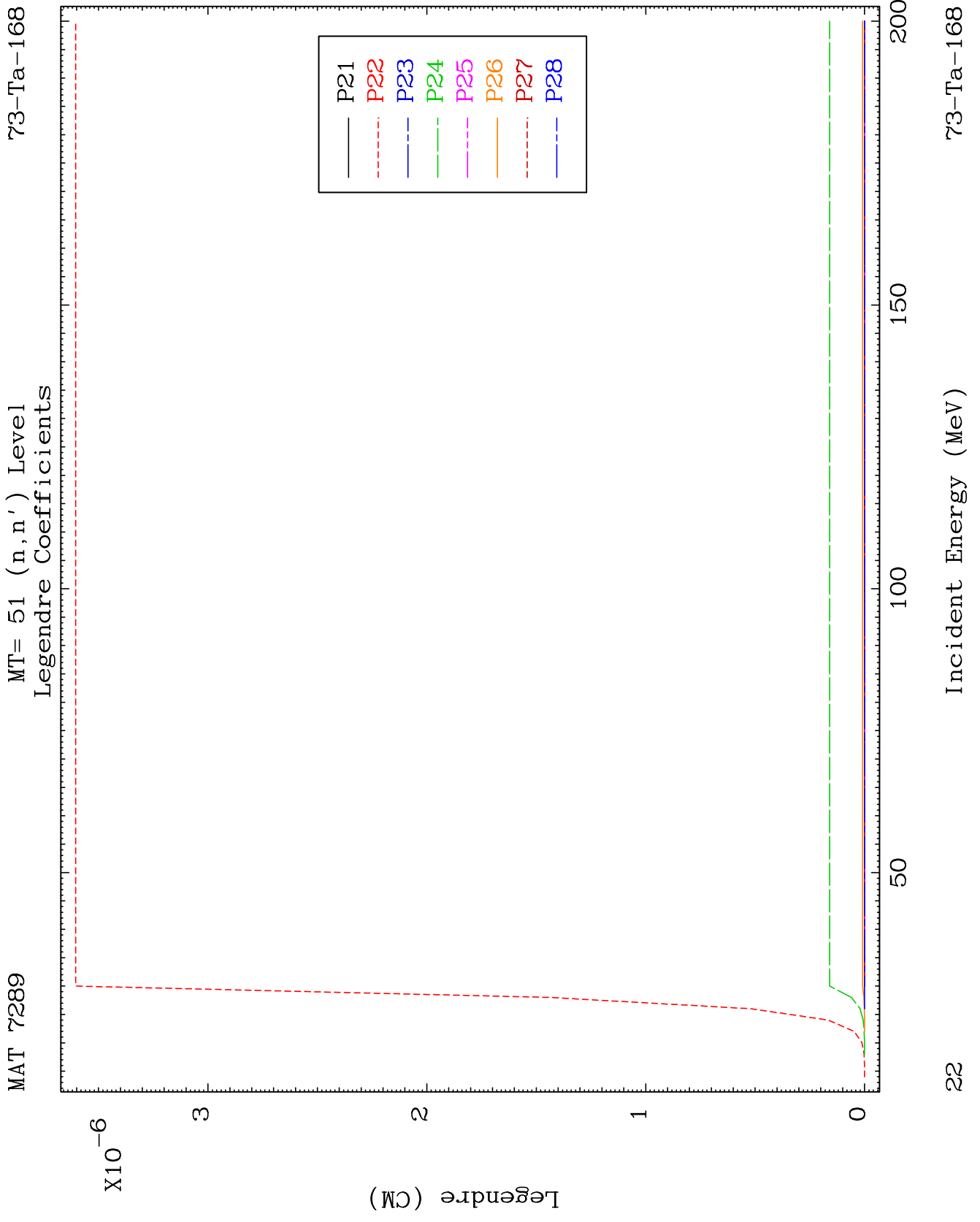
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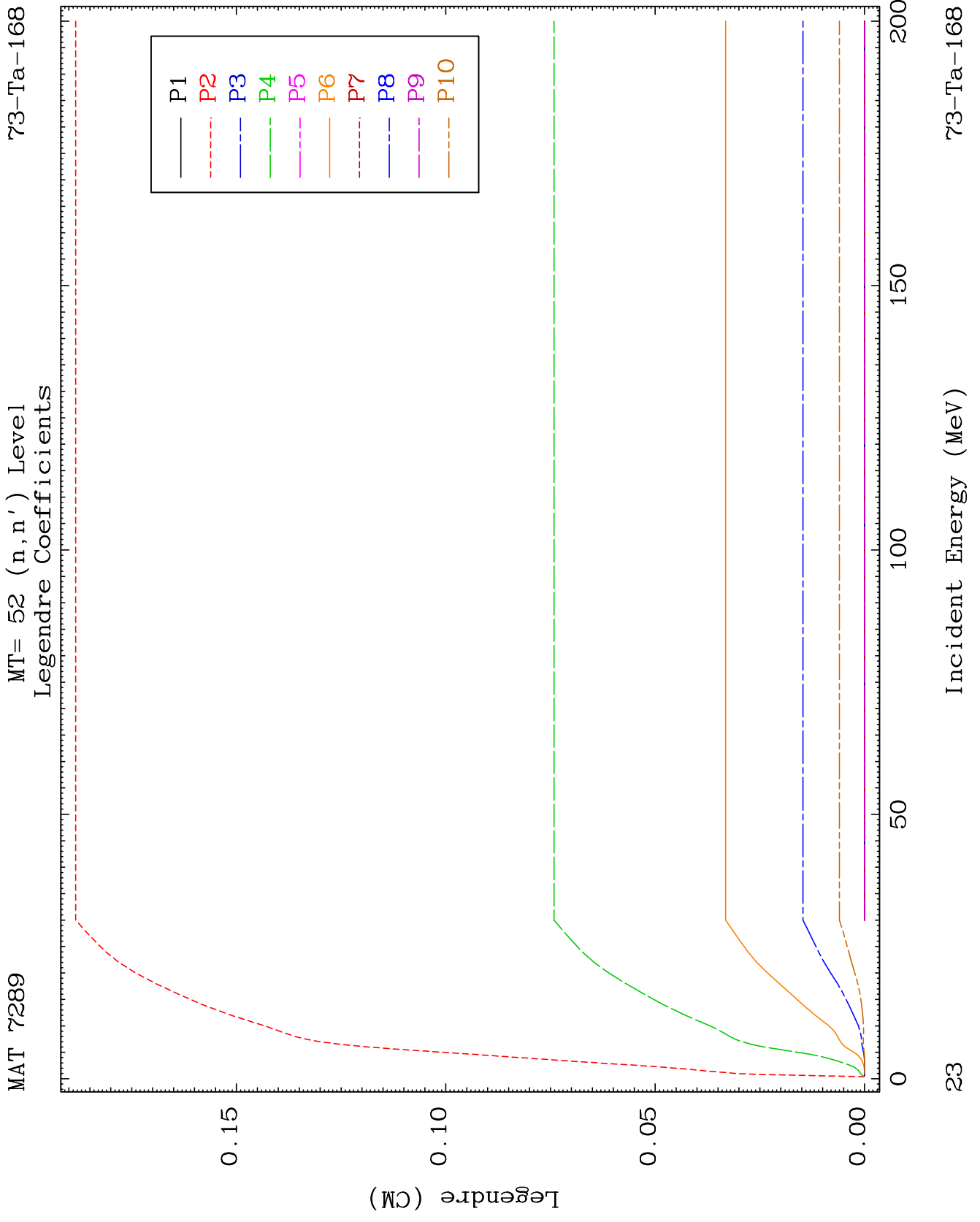
Incident Energy (MeV)

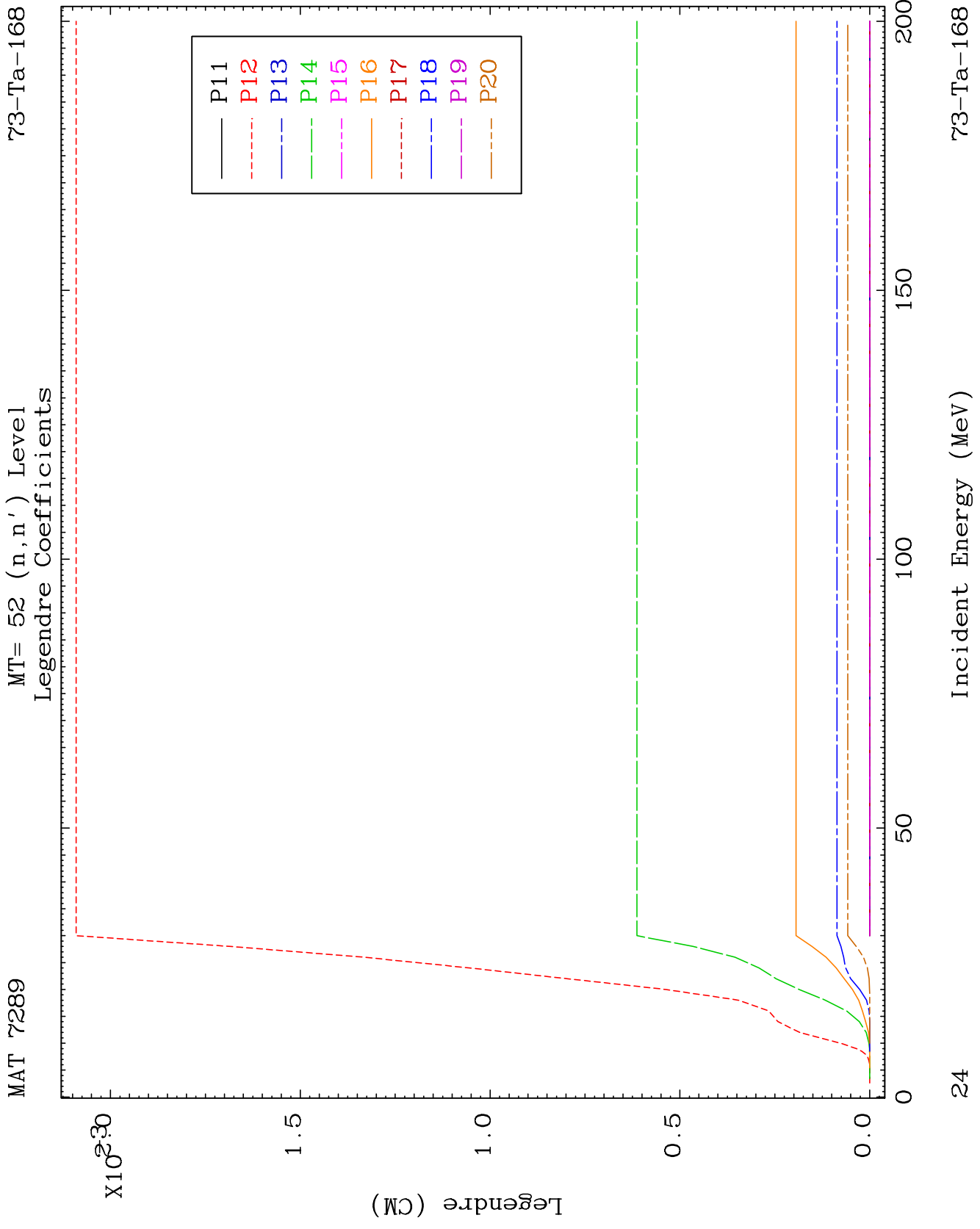
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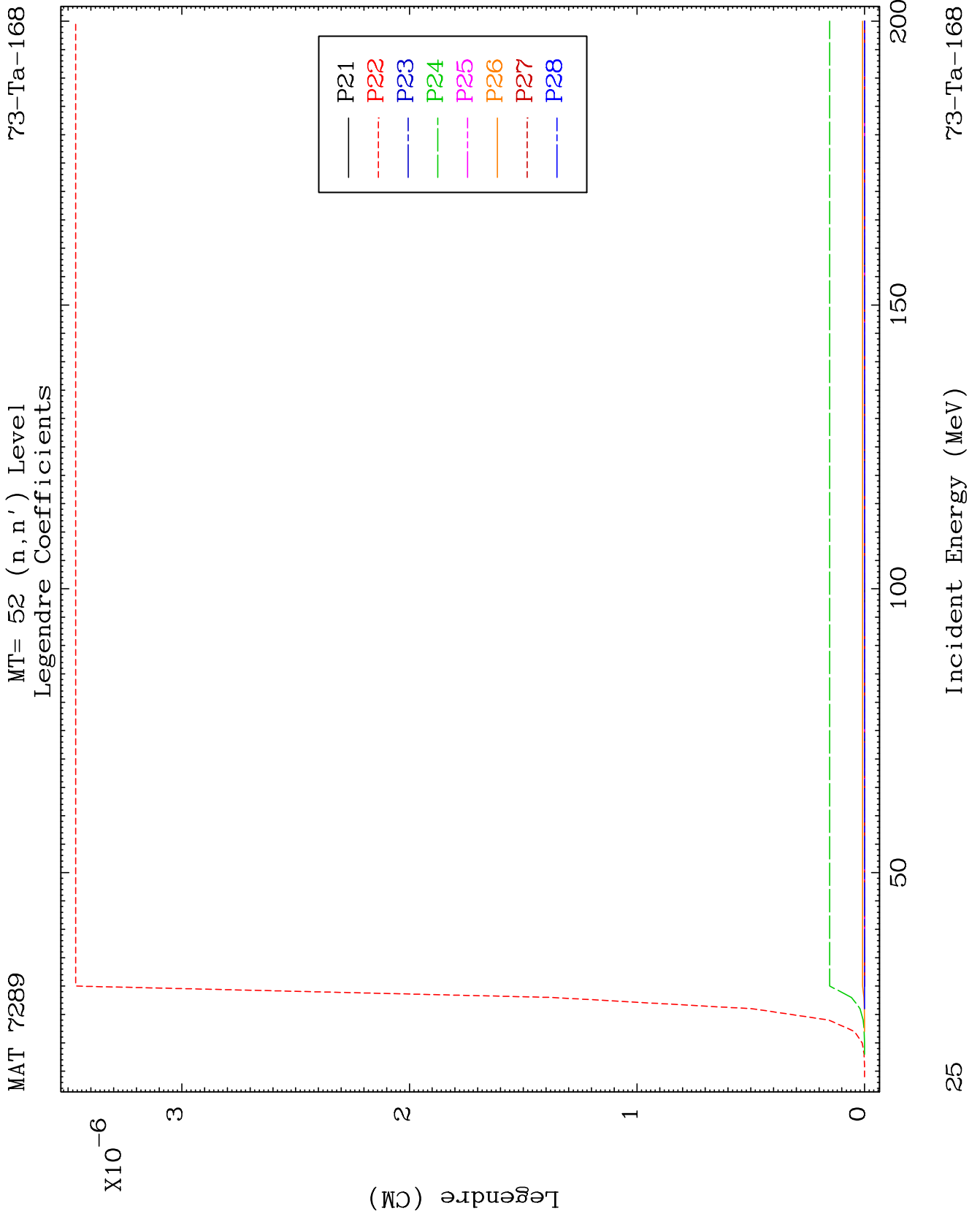








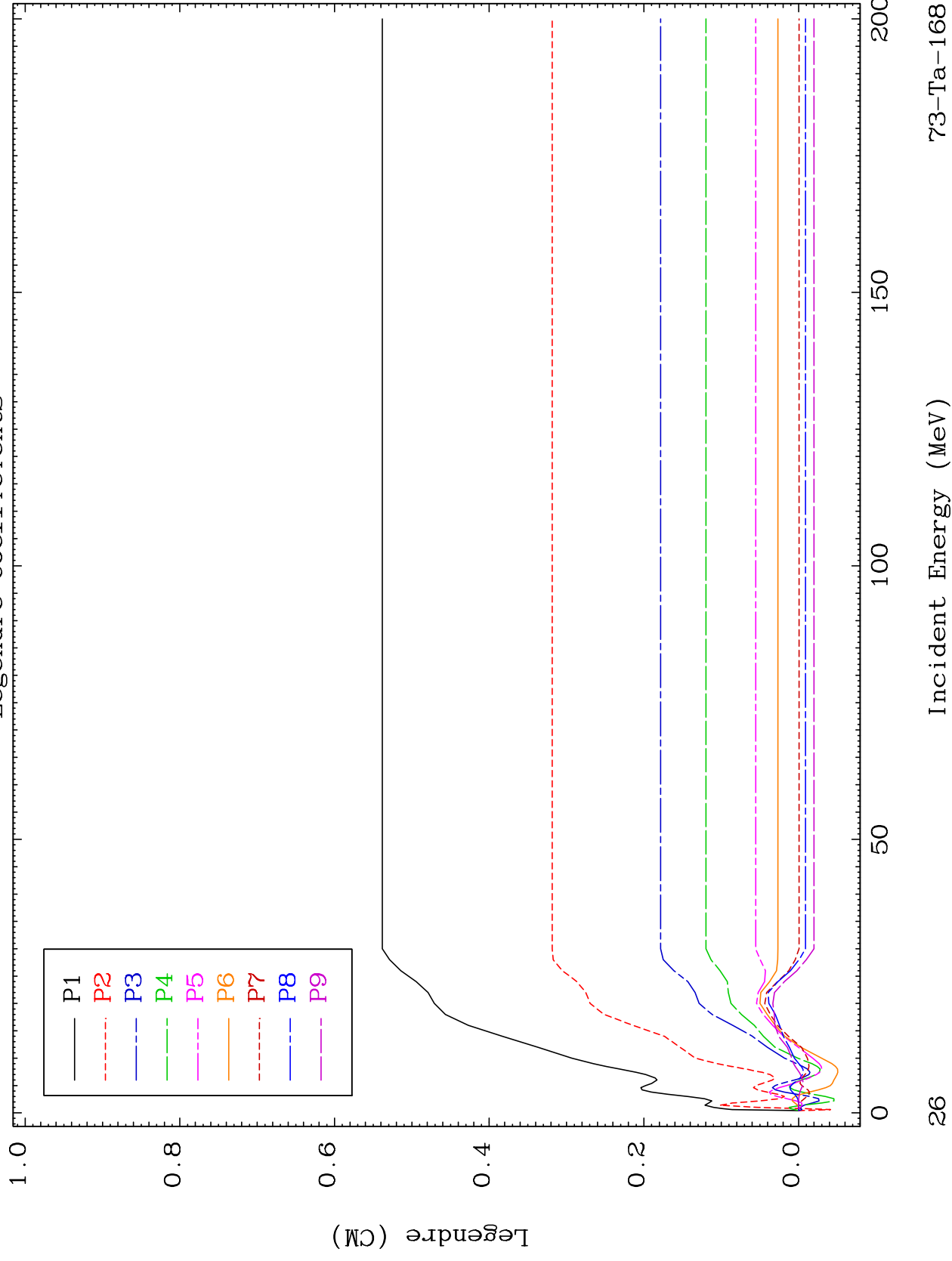




MAT 7289

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

⁷³Ta-168



⁷³Ta-168

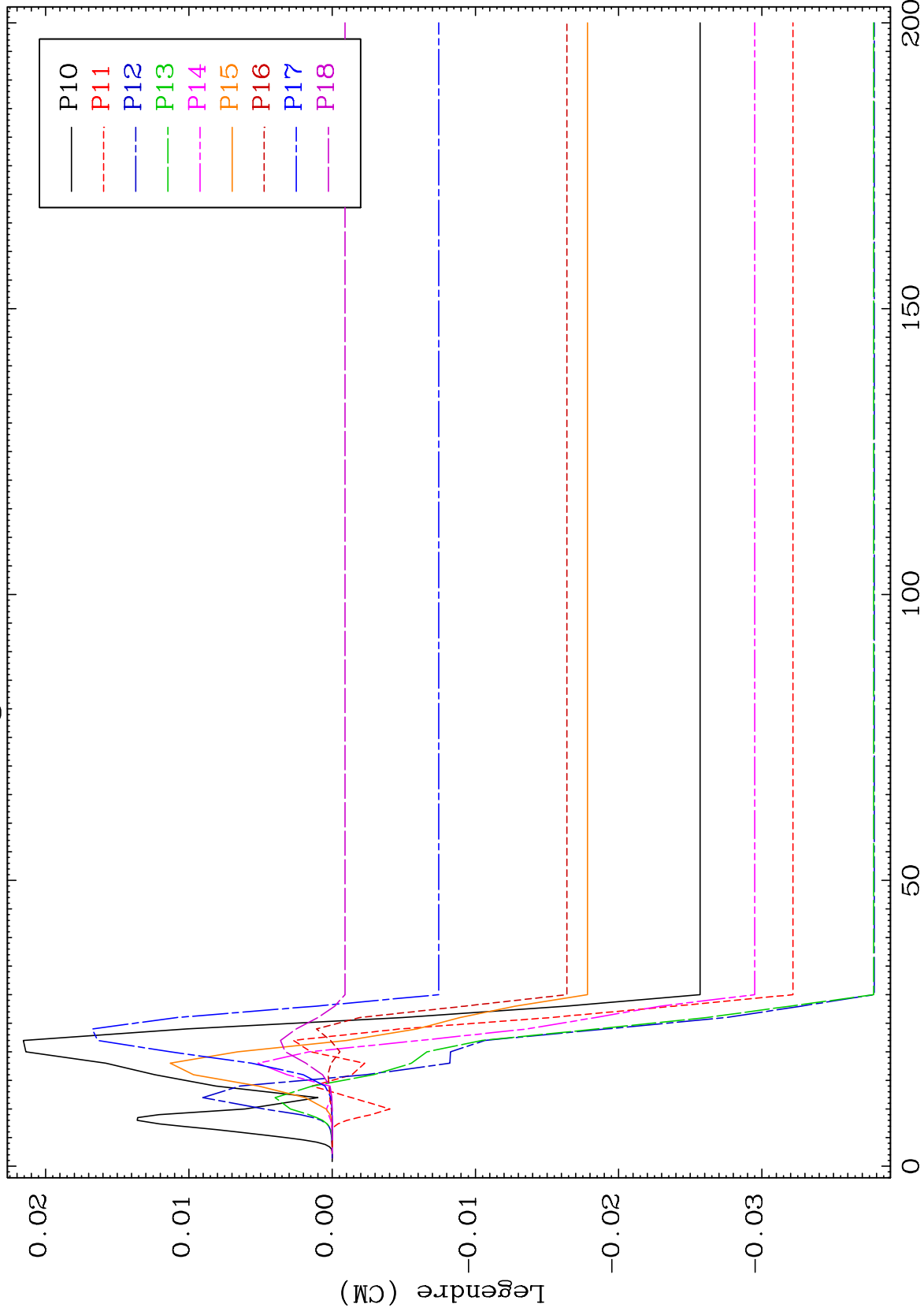
Incident Energy (MeV)

26

MAT 7289

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

73-Ta-168



27

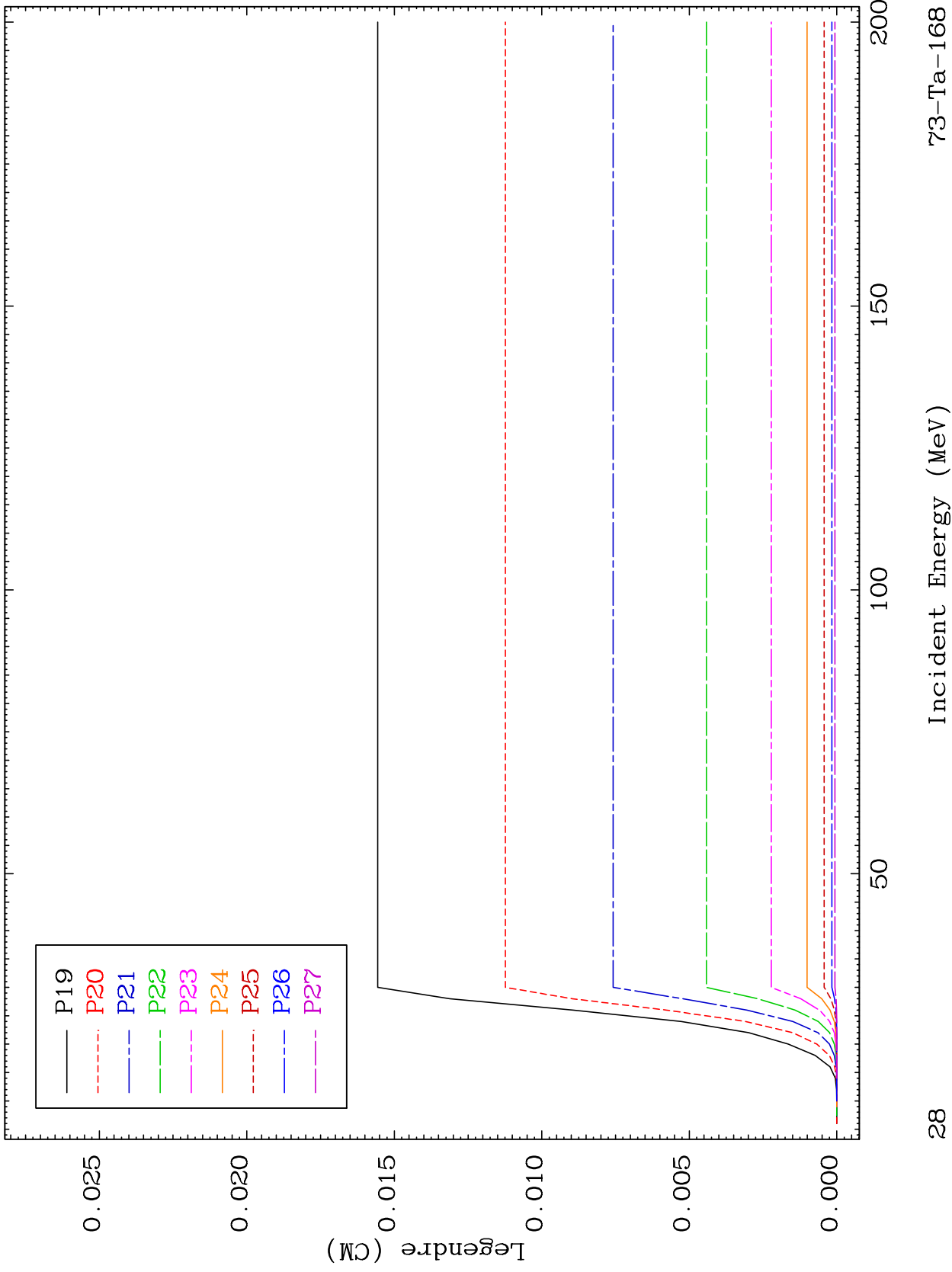
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



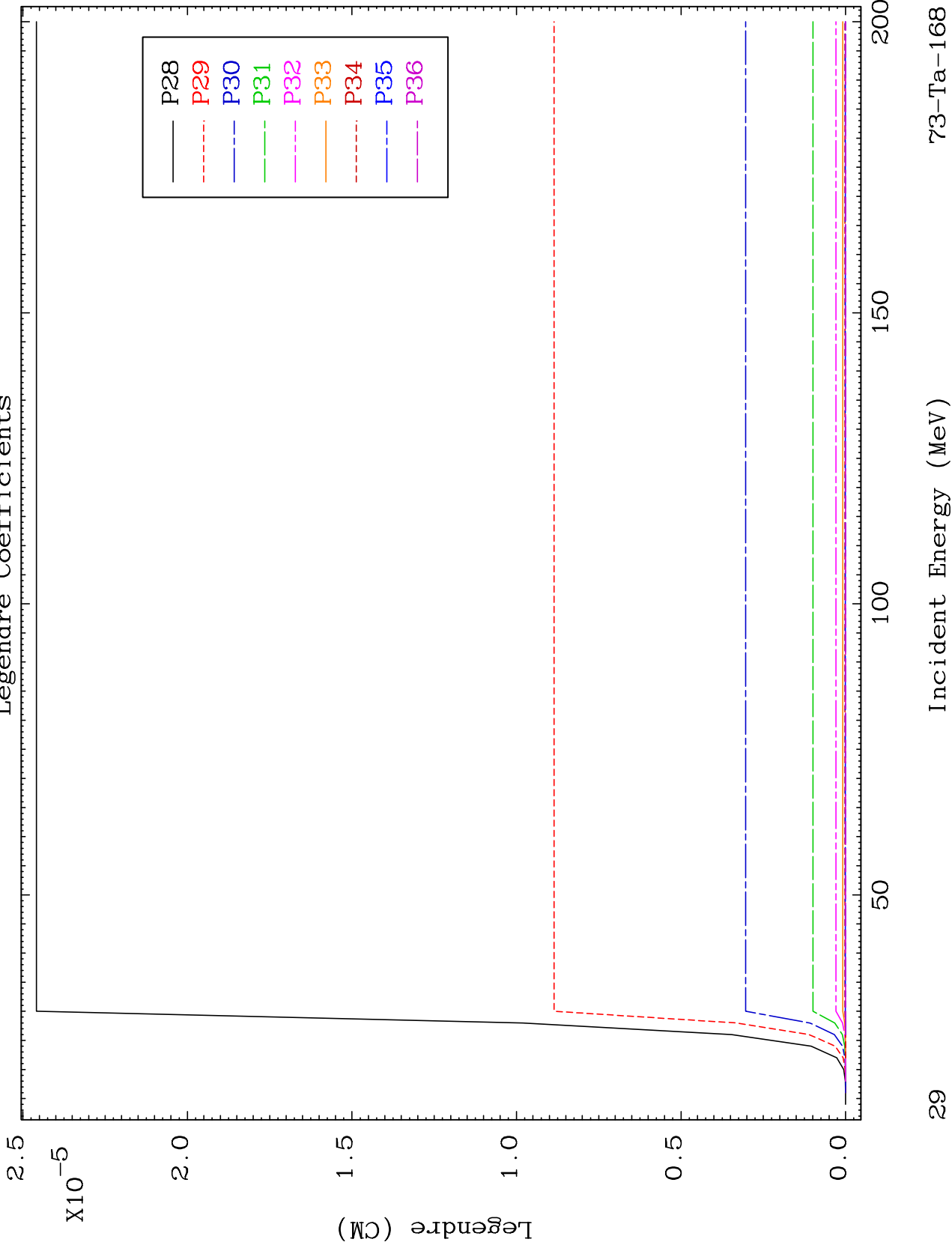
28

73-Ta-168

MAT 7289

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

73-Ta-168



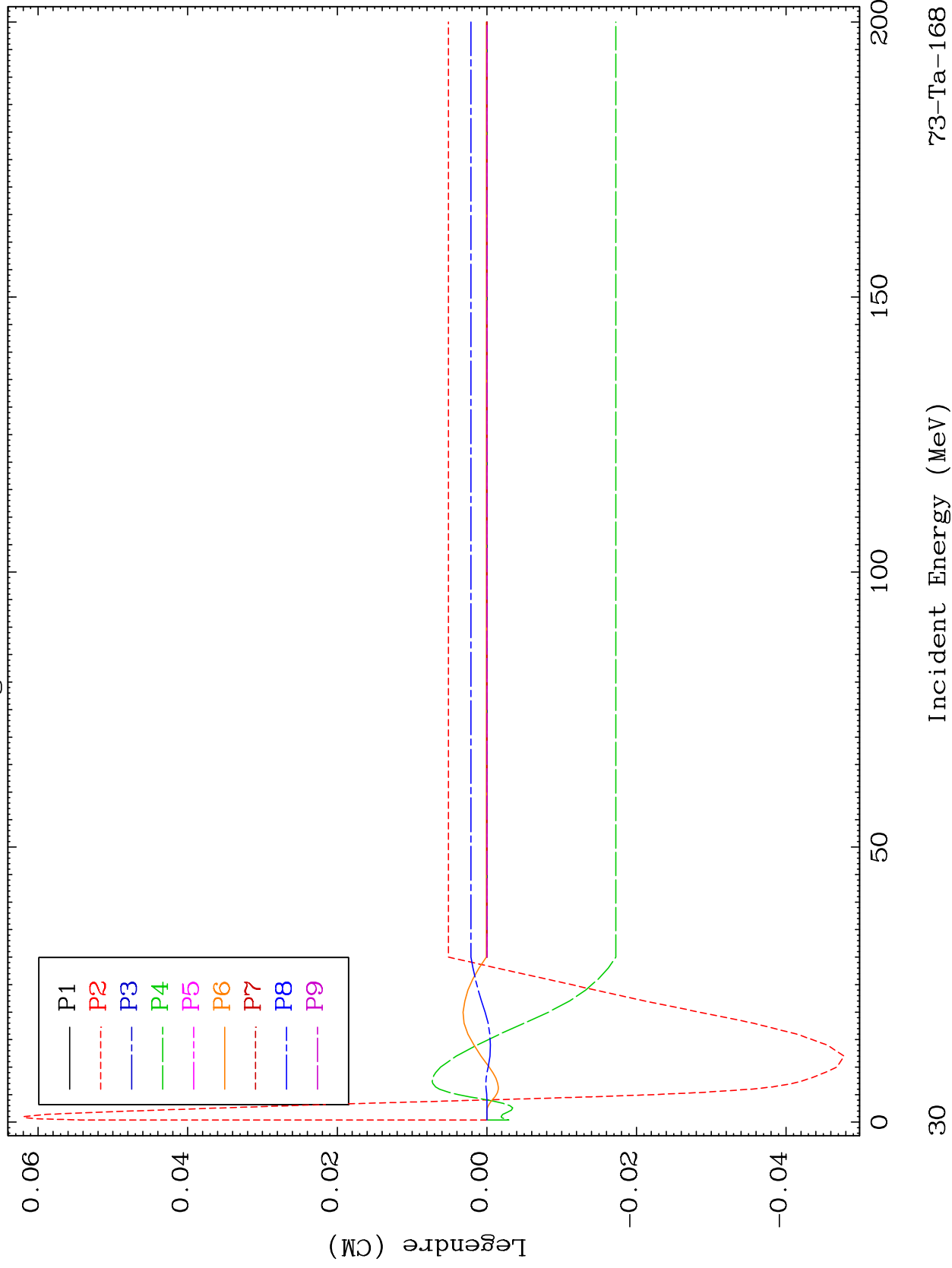
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73-Ta-168

MAT 7289

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

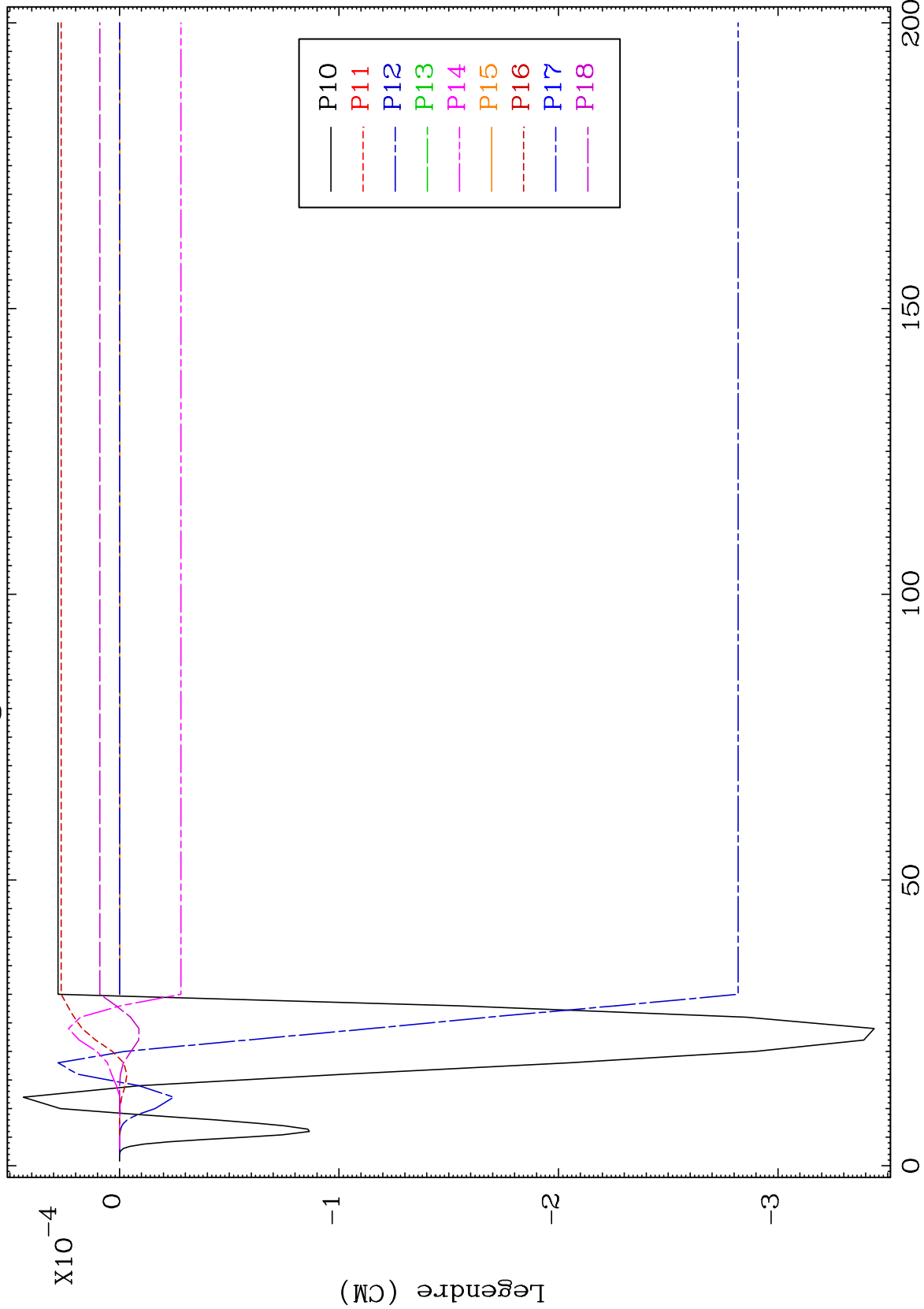
73-Ta-168



MAT 7289

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

73-Ta-168



31

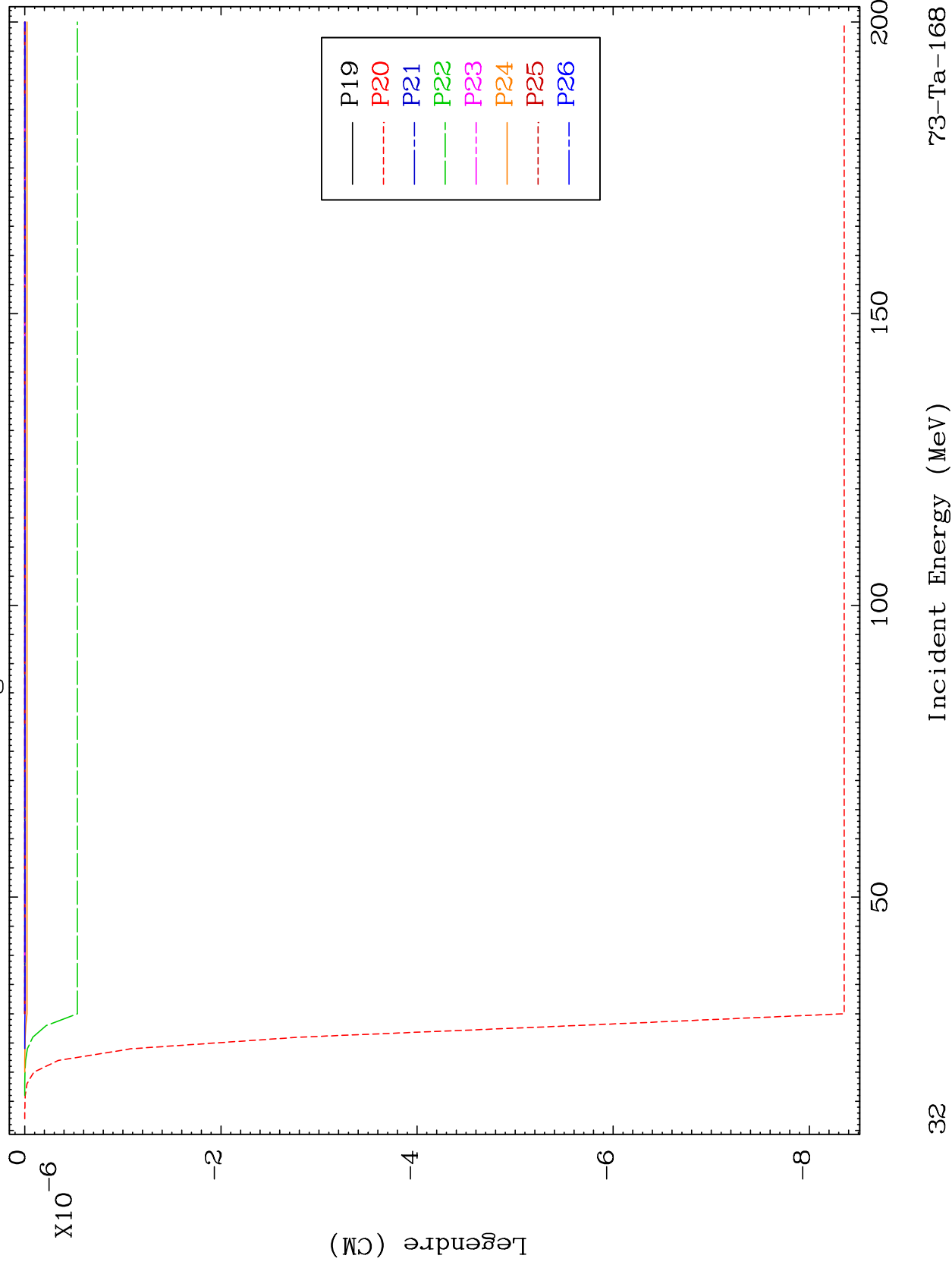
Incident Energy (MeV)

73-Ta-168

MAT 7289

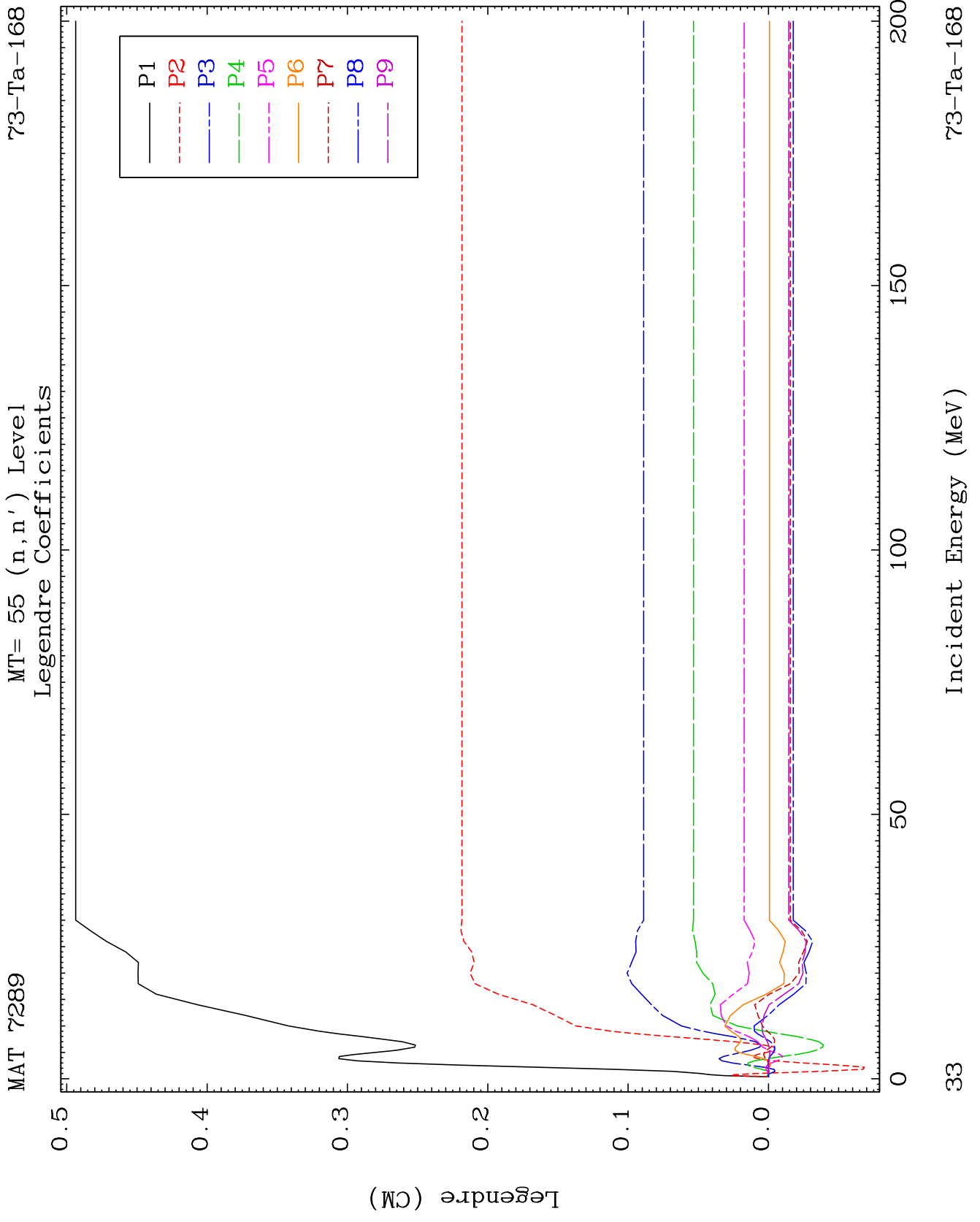
MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-168



32

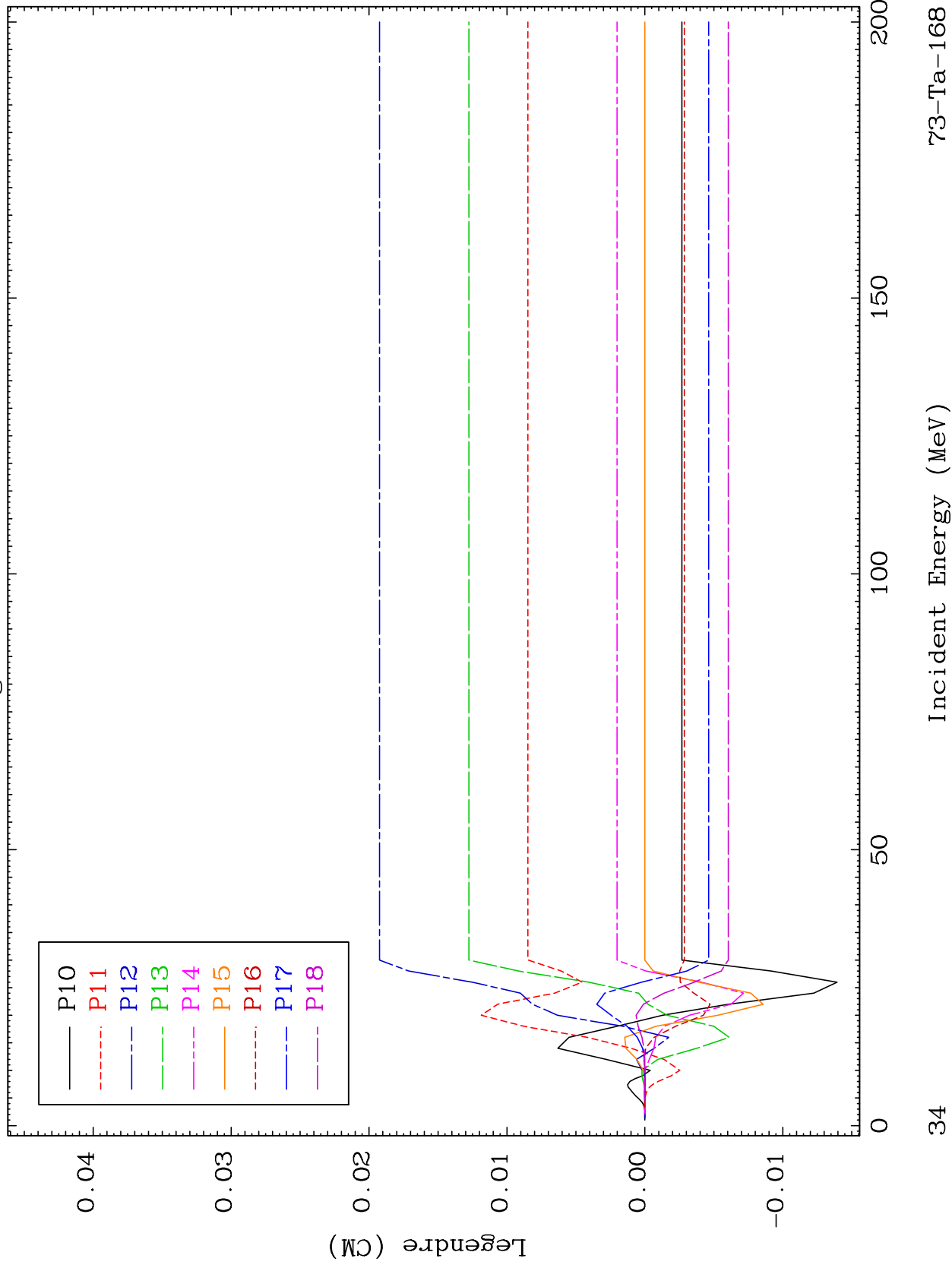
73-Ta-168



MAT 7289

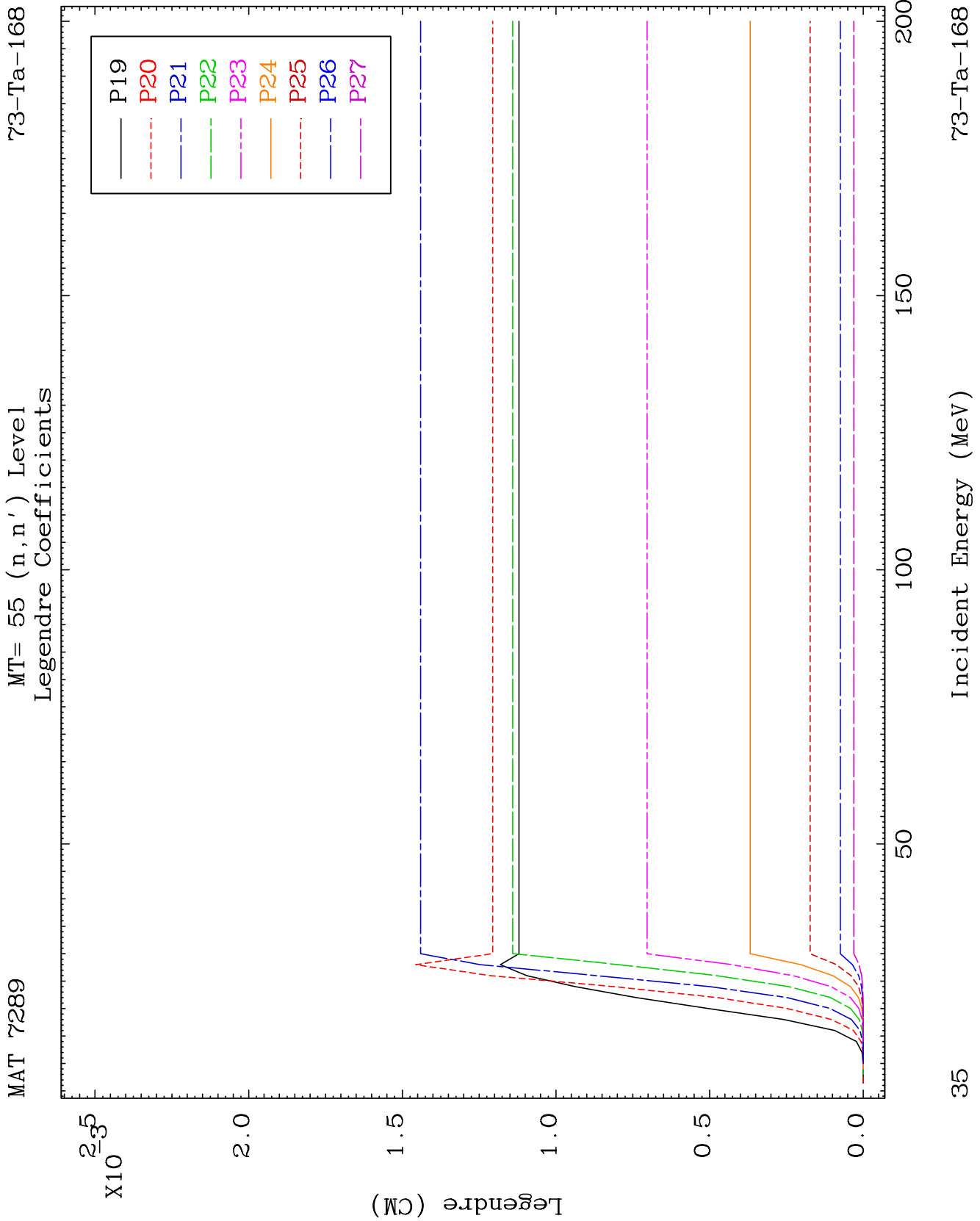
MT= 55 (n,n') Level
Legendre Coefficients

73-Ta-168



34

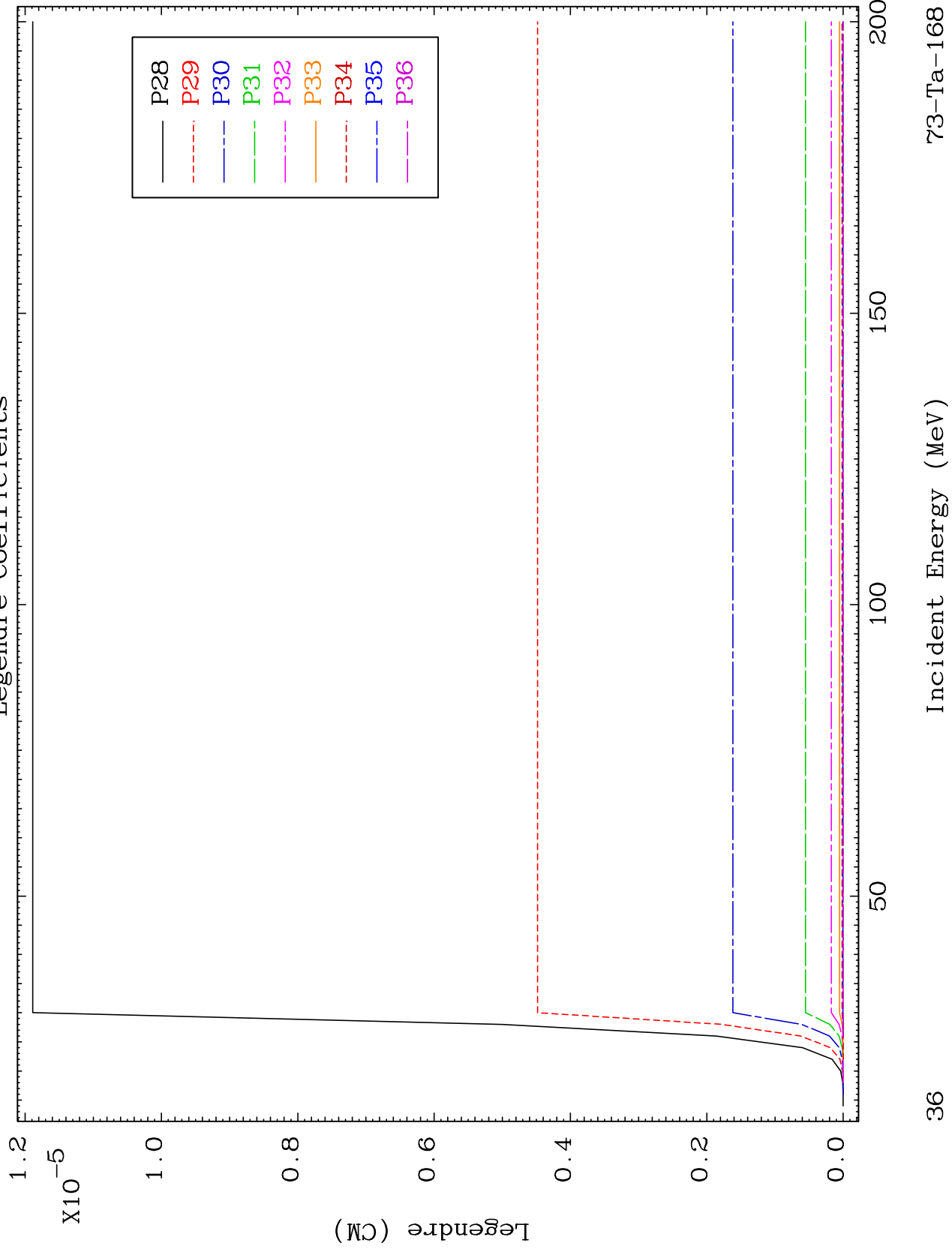
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MAT 7289

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

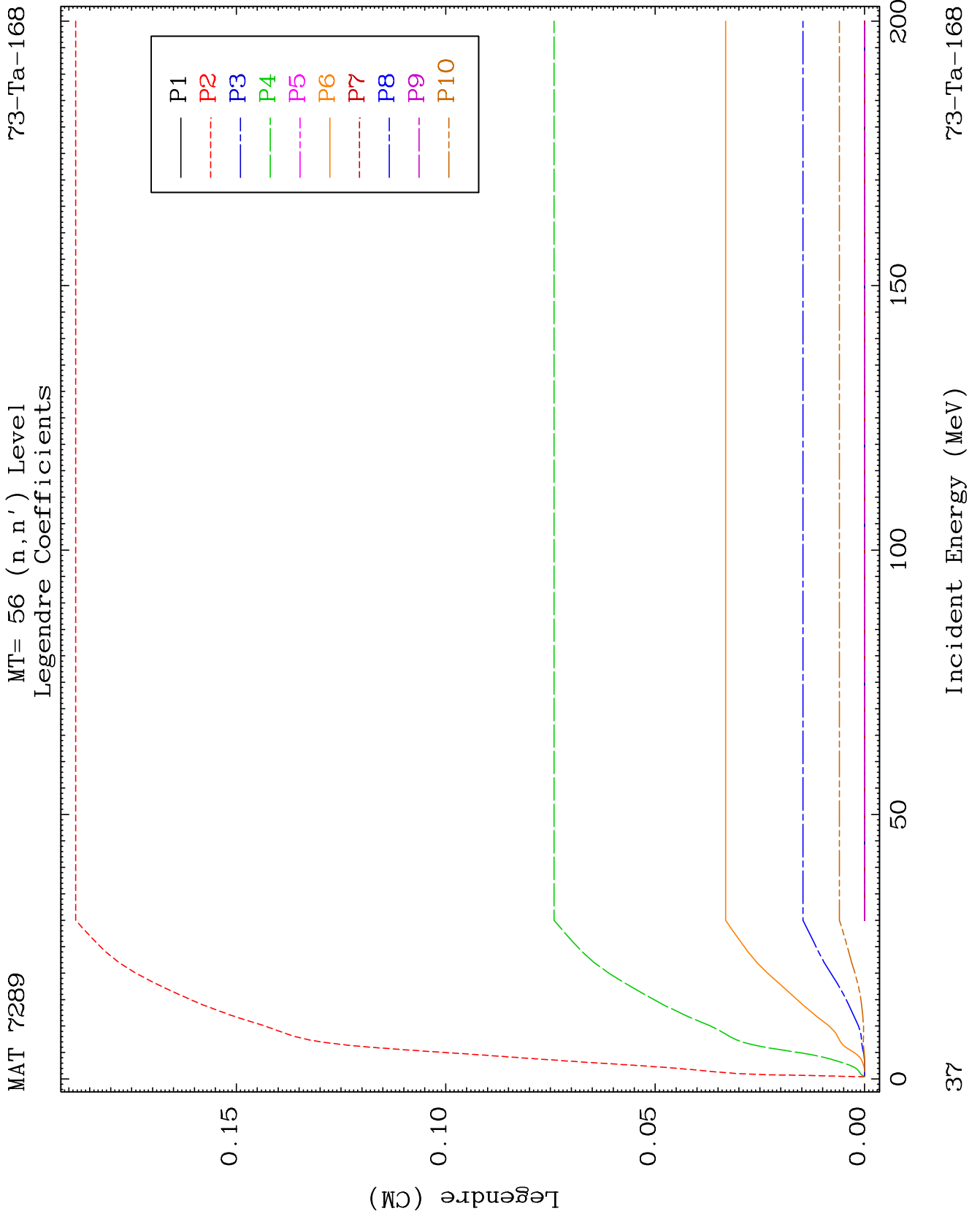
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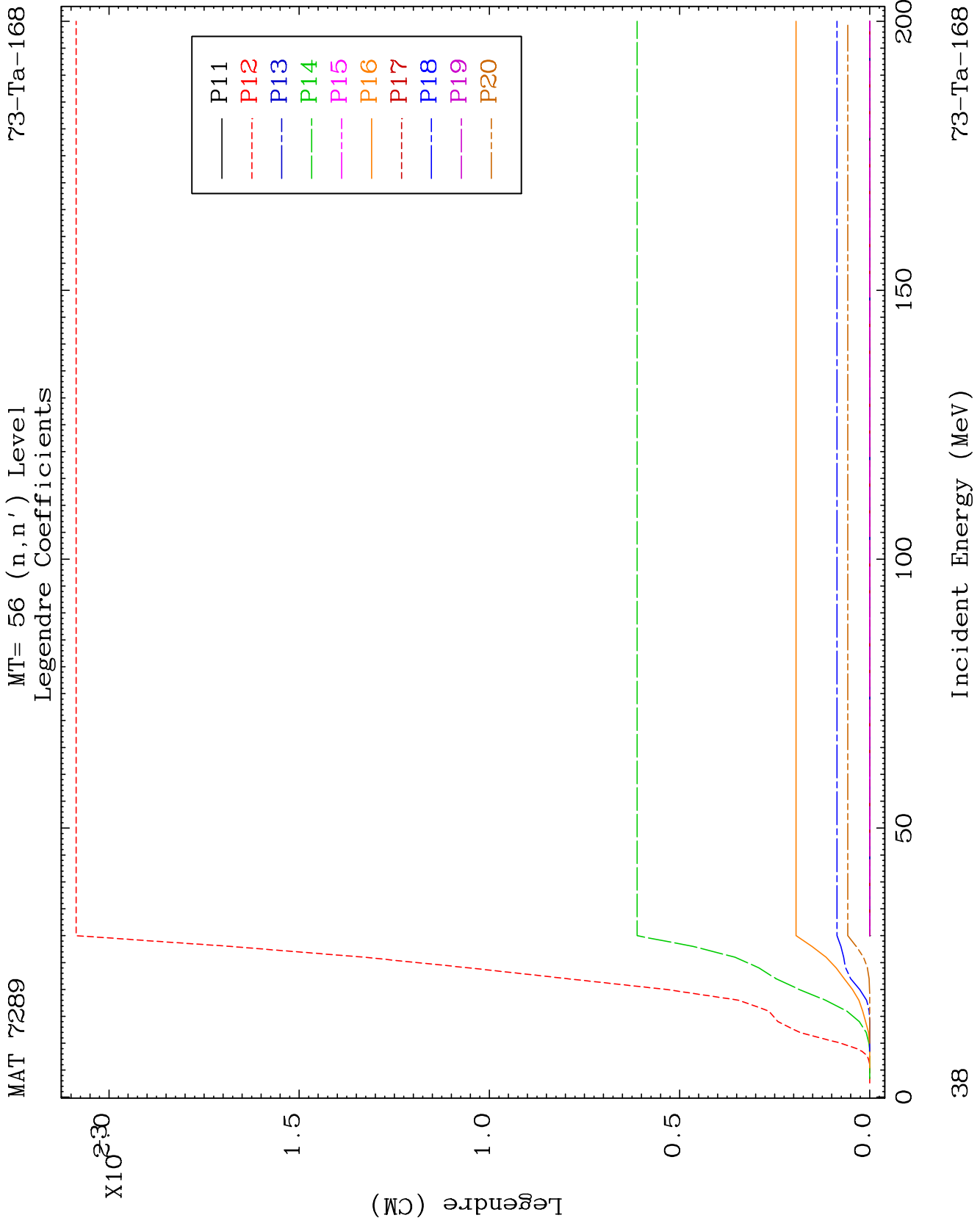


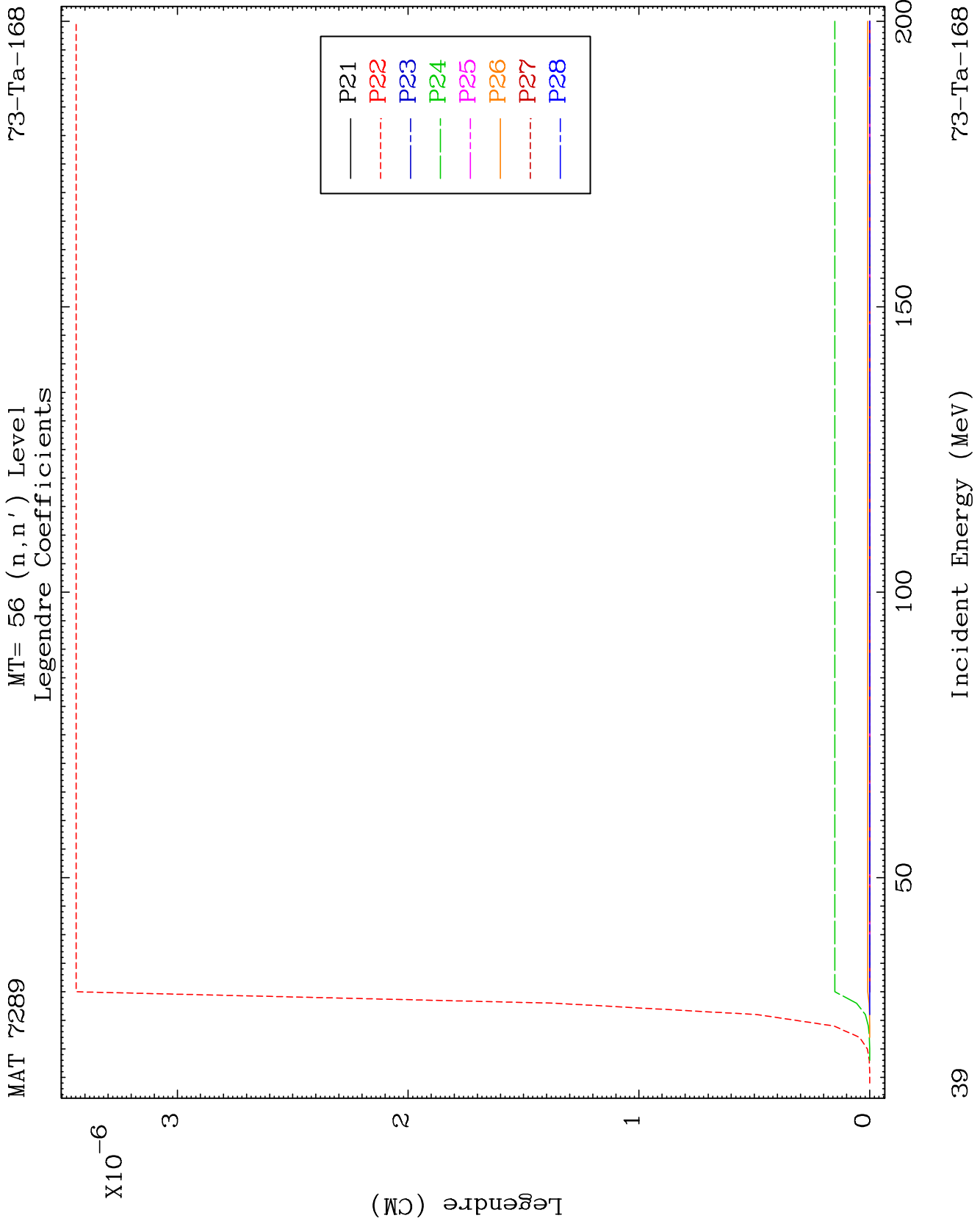
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Incident Energy (MeV)

73-Ta-168



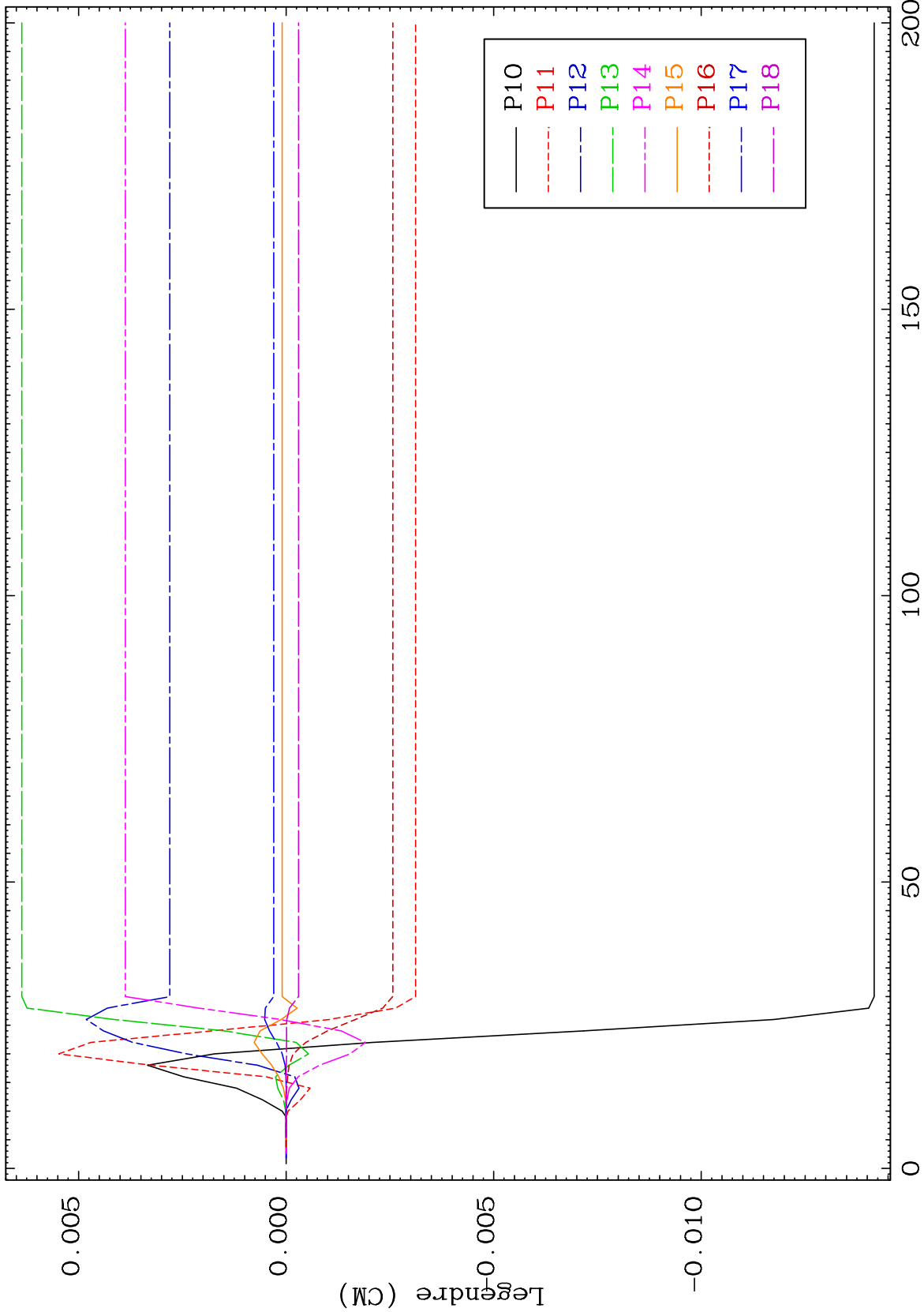




MAT 7289

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

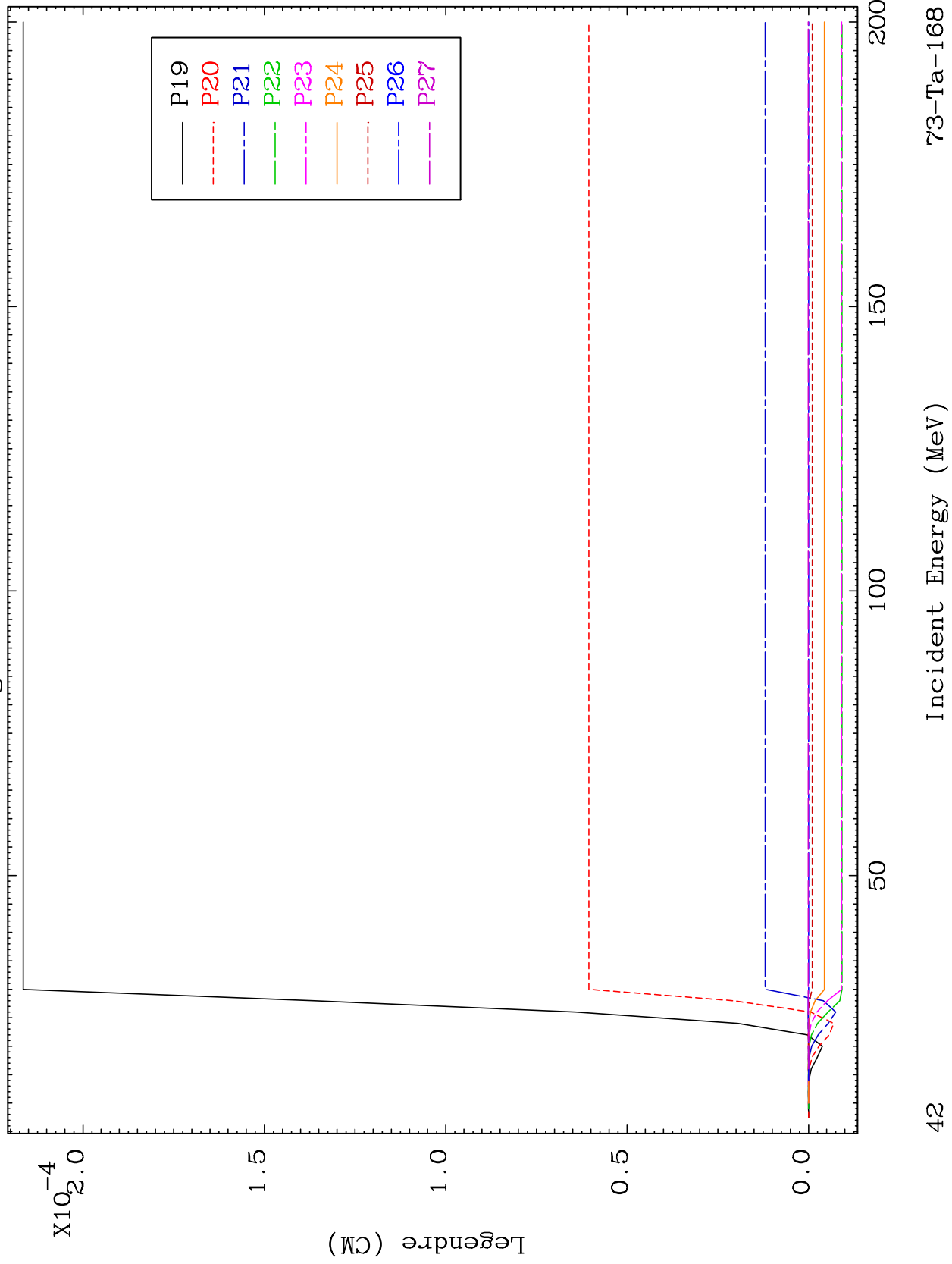
73-Ta-168



MAT 7289

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

73-Ta-168



42

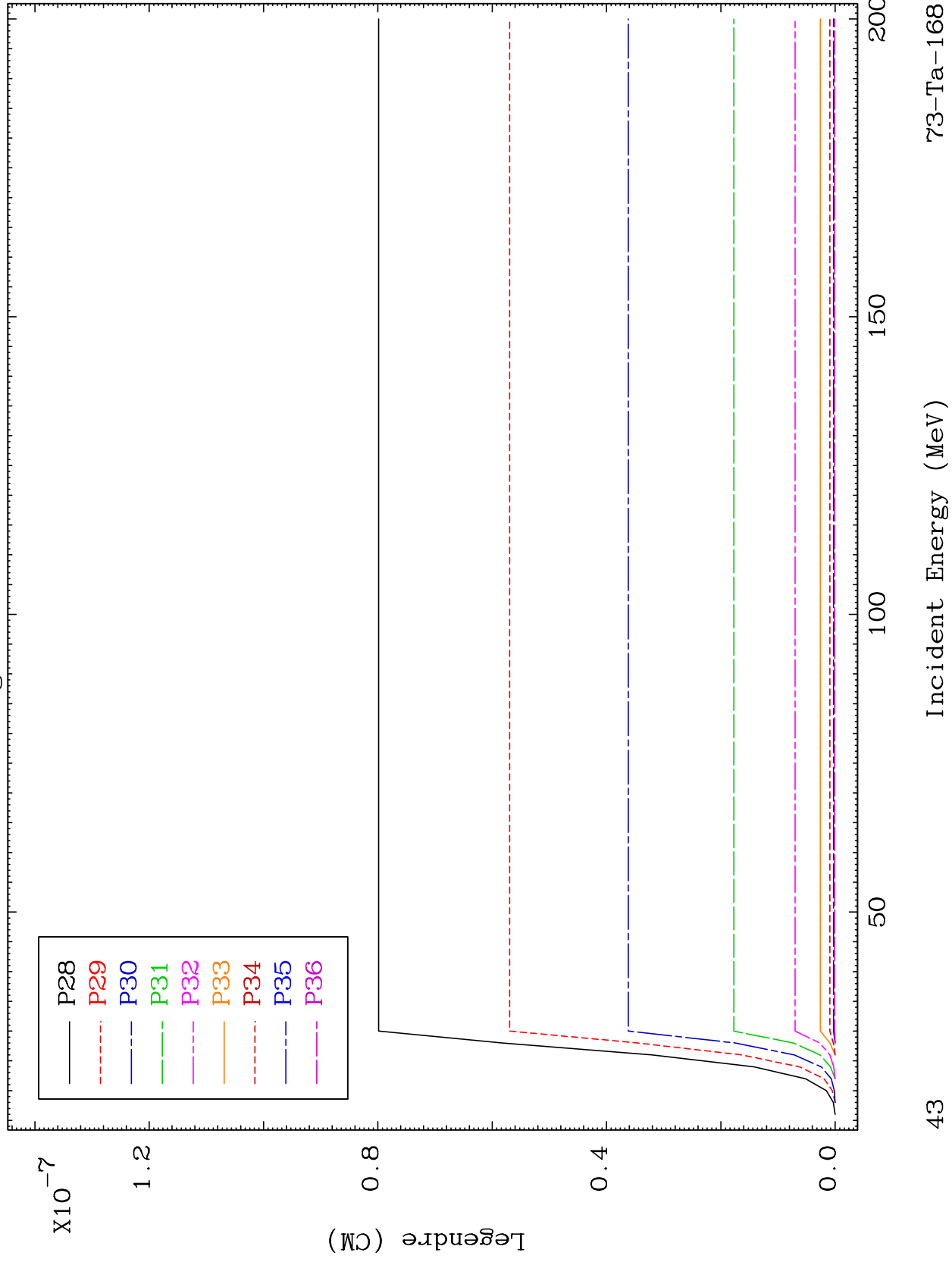
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



43

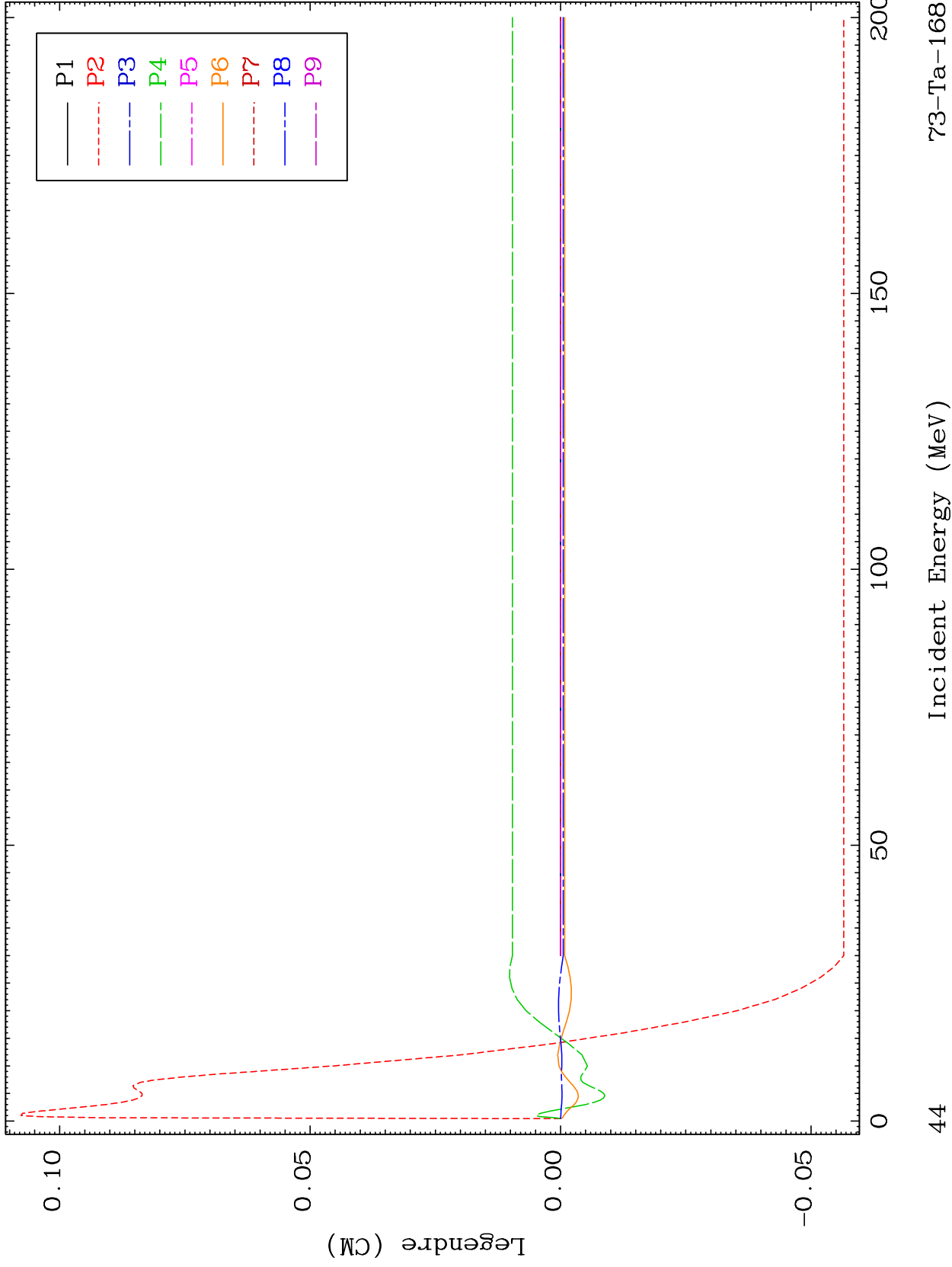
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168

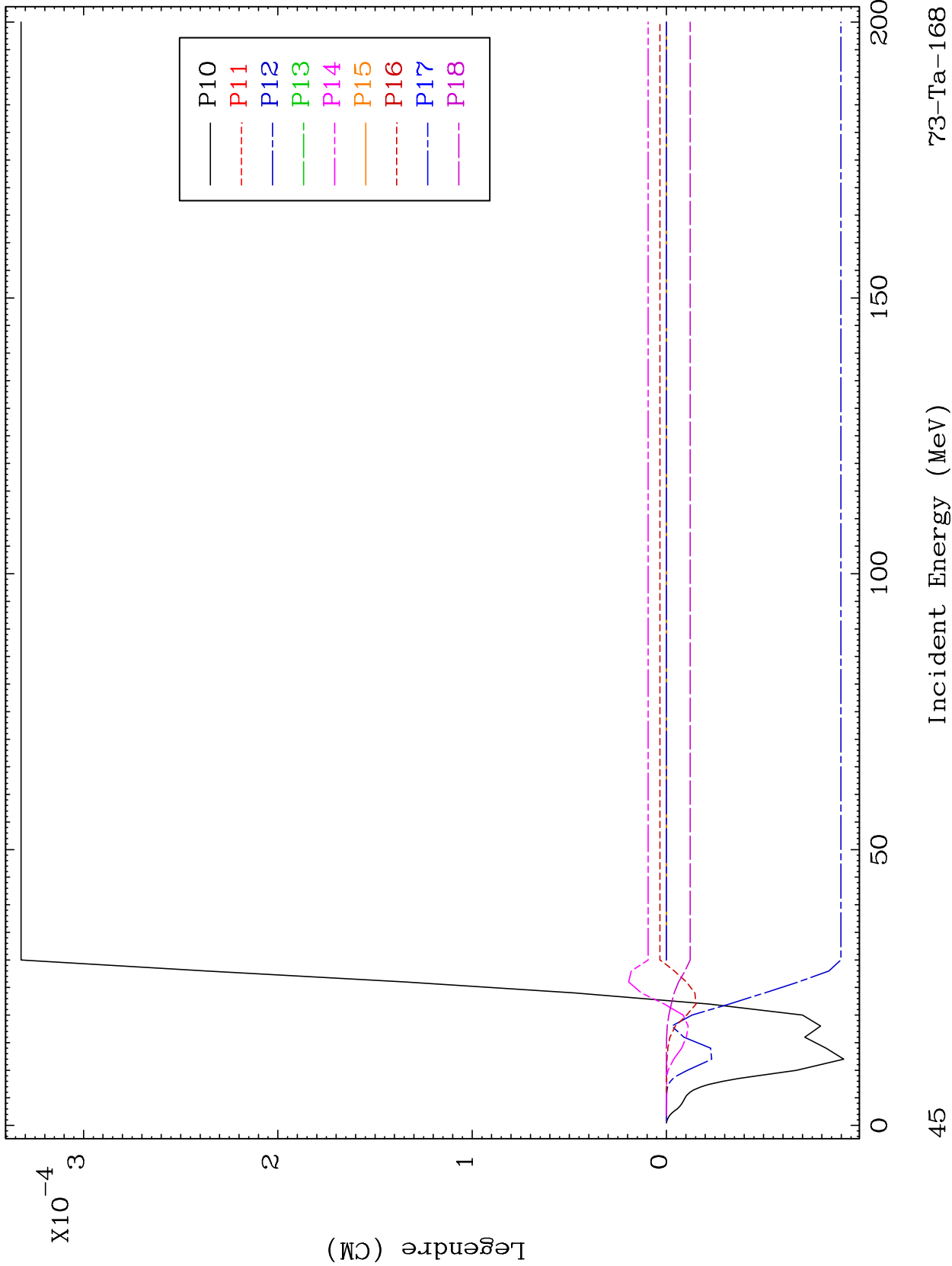


44

MAT 7289

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

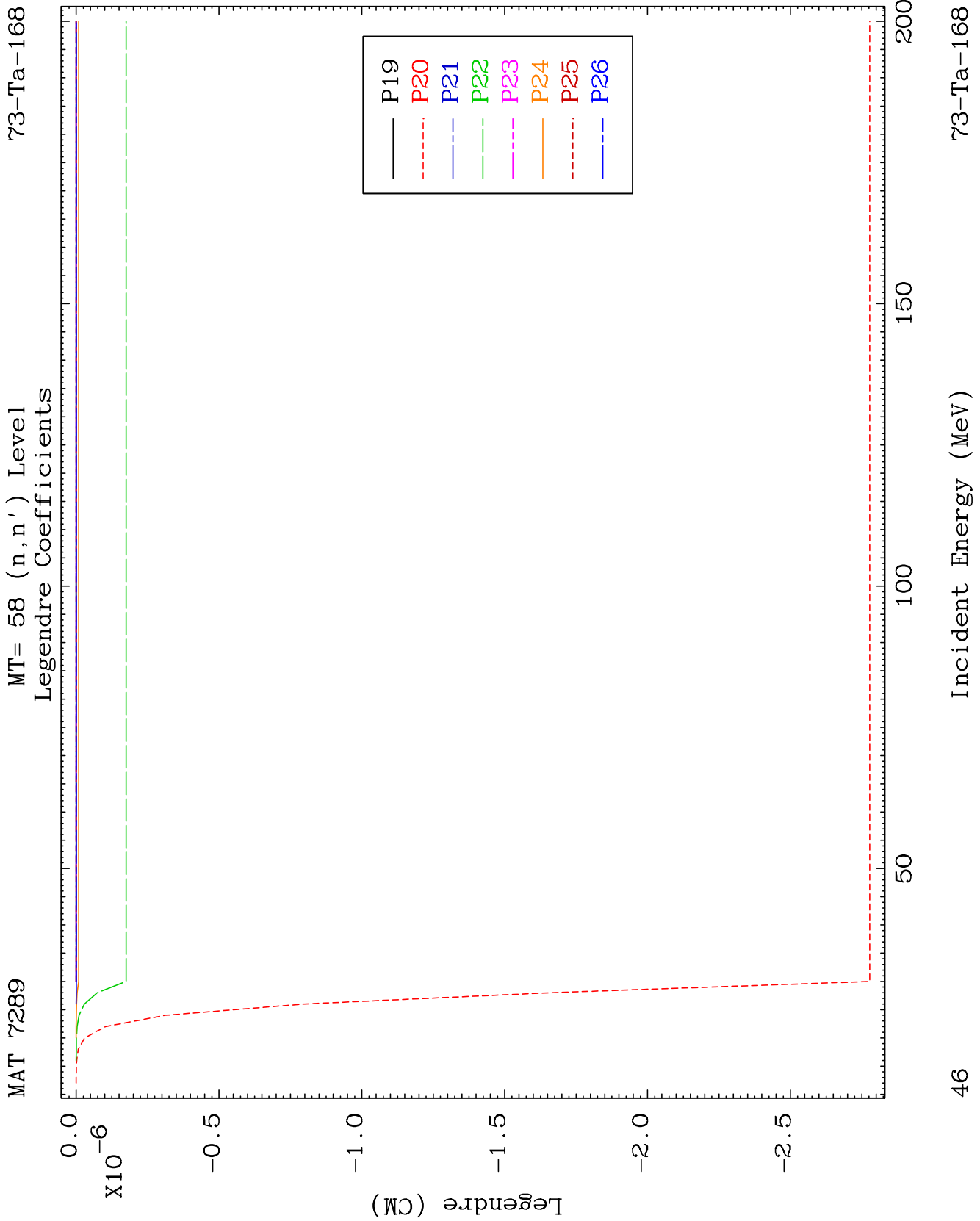
73-Ta-168



73-Ta-168

Incident Energy (MeV)

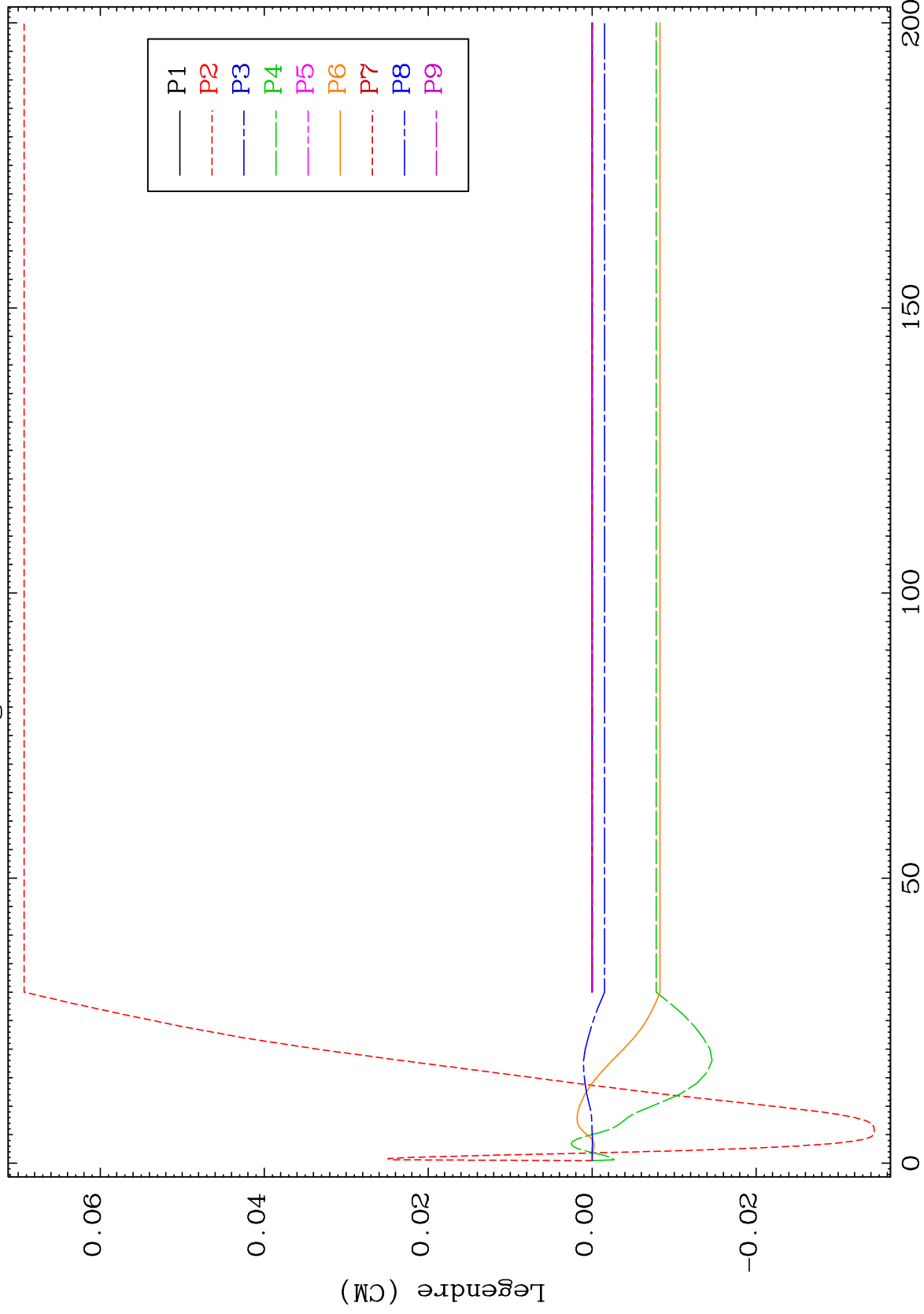
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MAT 7289

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

73-Ta-168



47

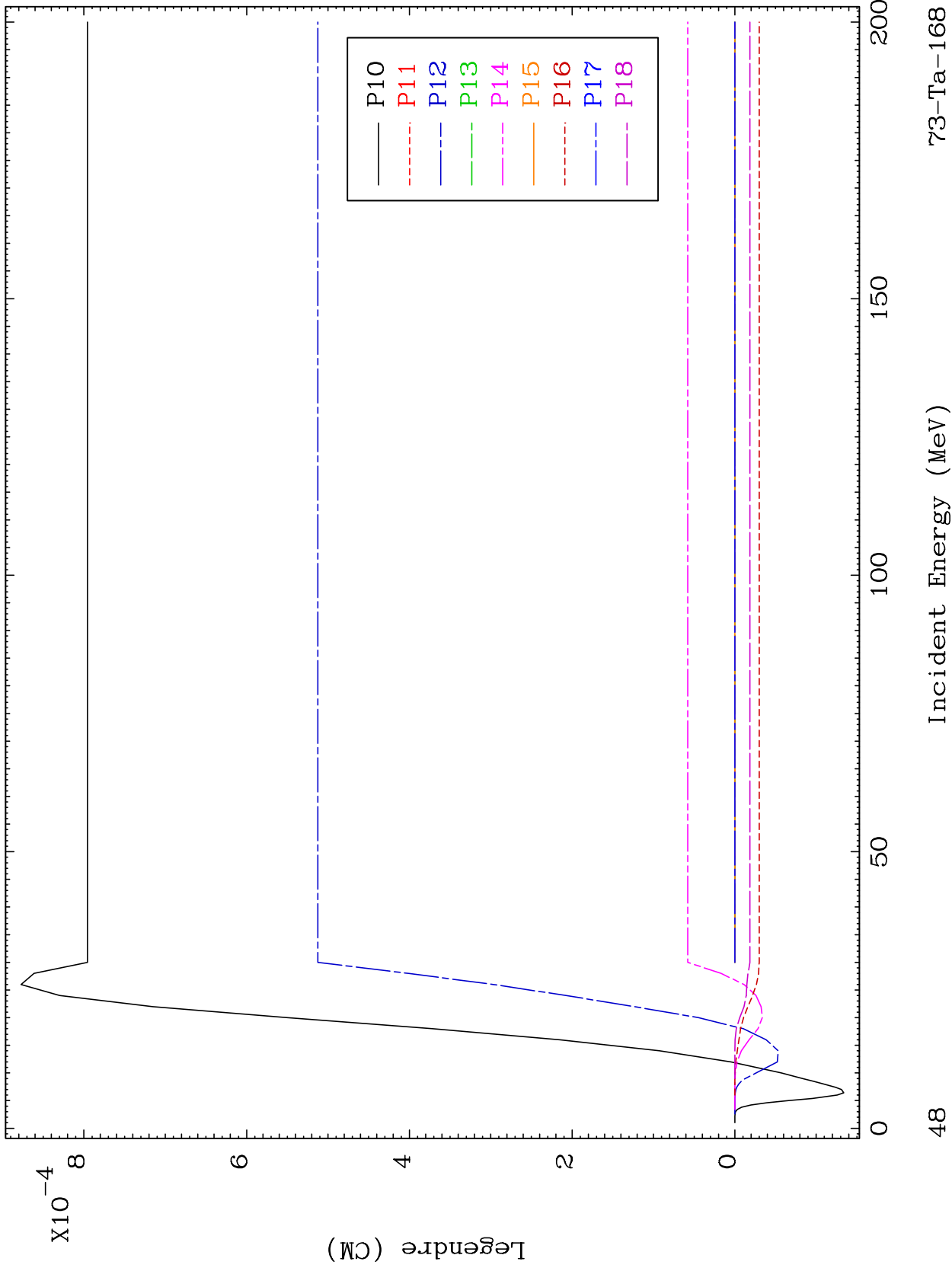
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



73-Ta-168

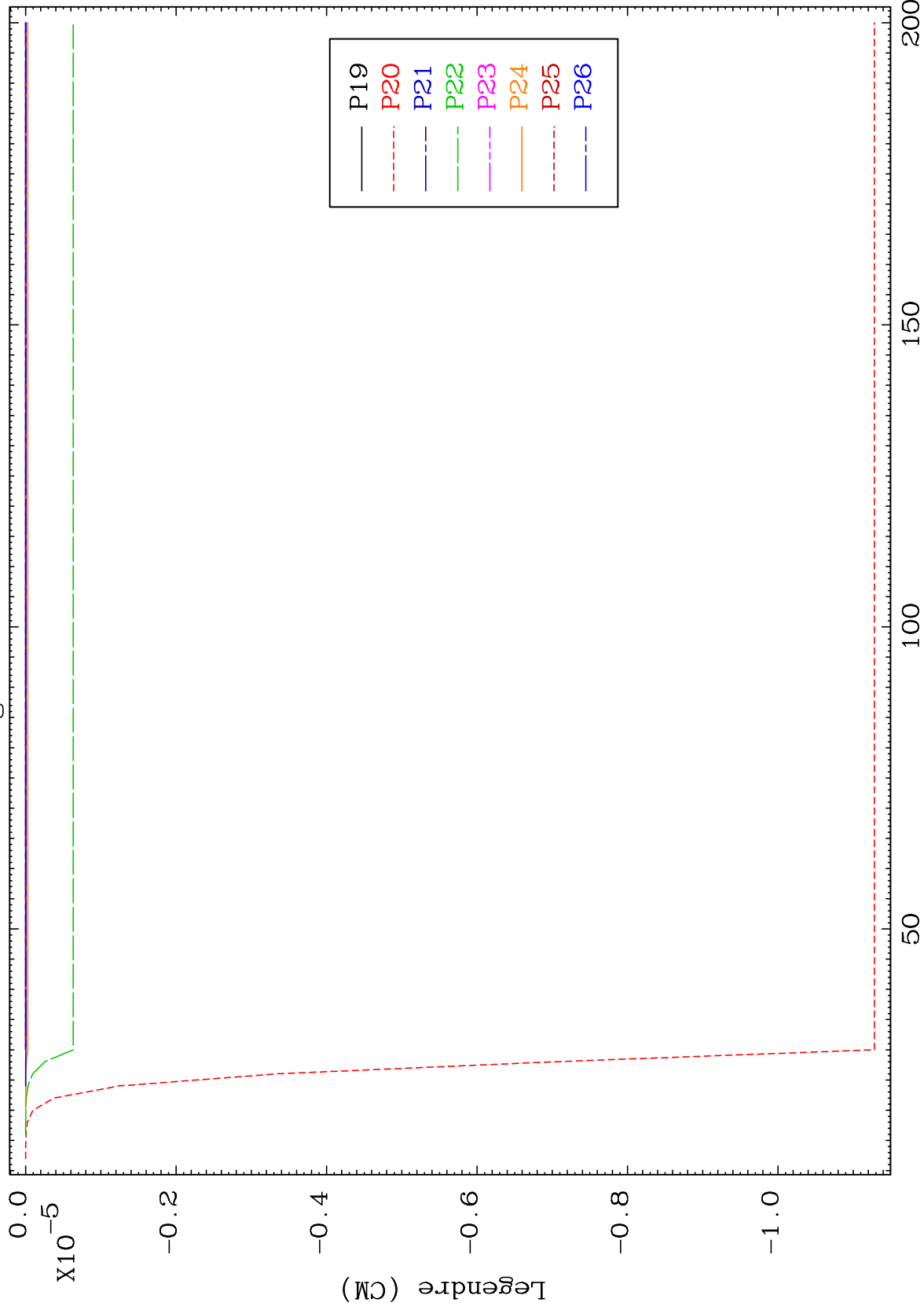
Incident Energy (MeV)

48

MAT 7289

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

73-Ta-168



73-Ta-168

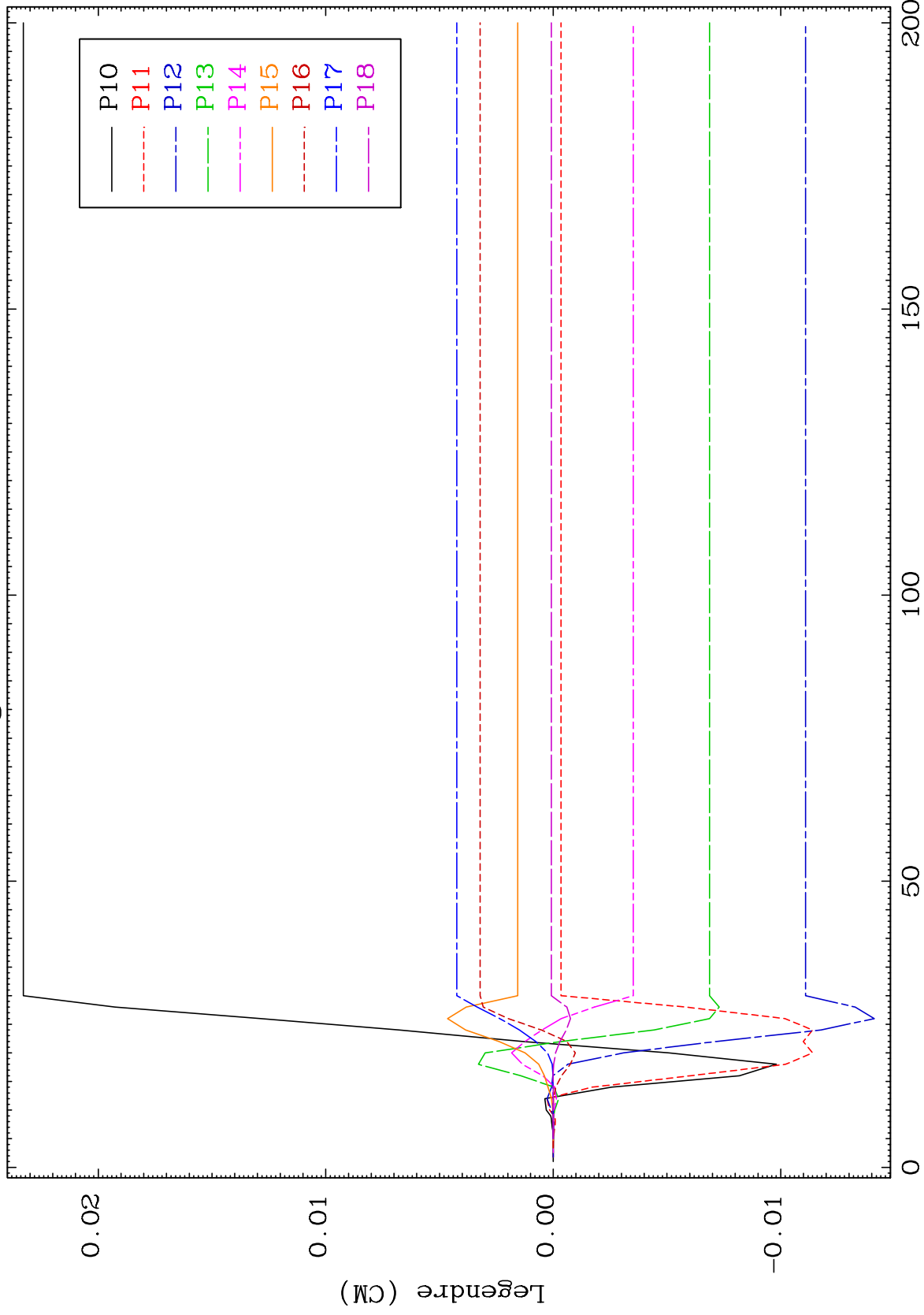
Incident Energy (MeV)

49

MAT 7289

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

73-Ta-168



51

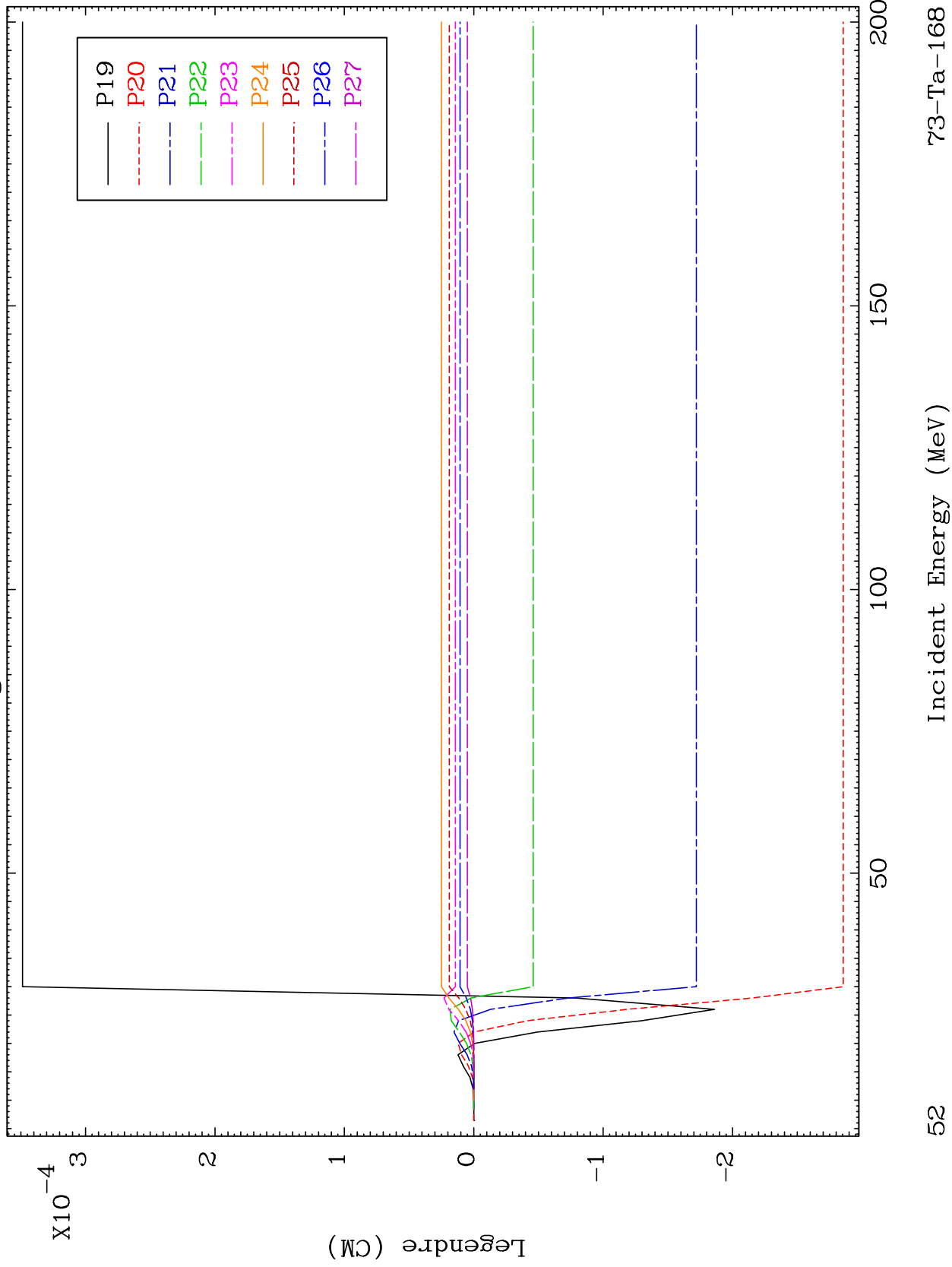
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



52

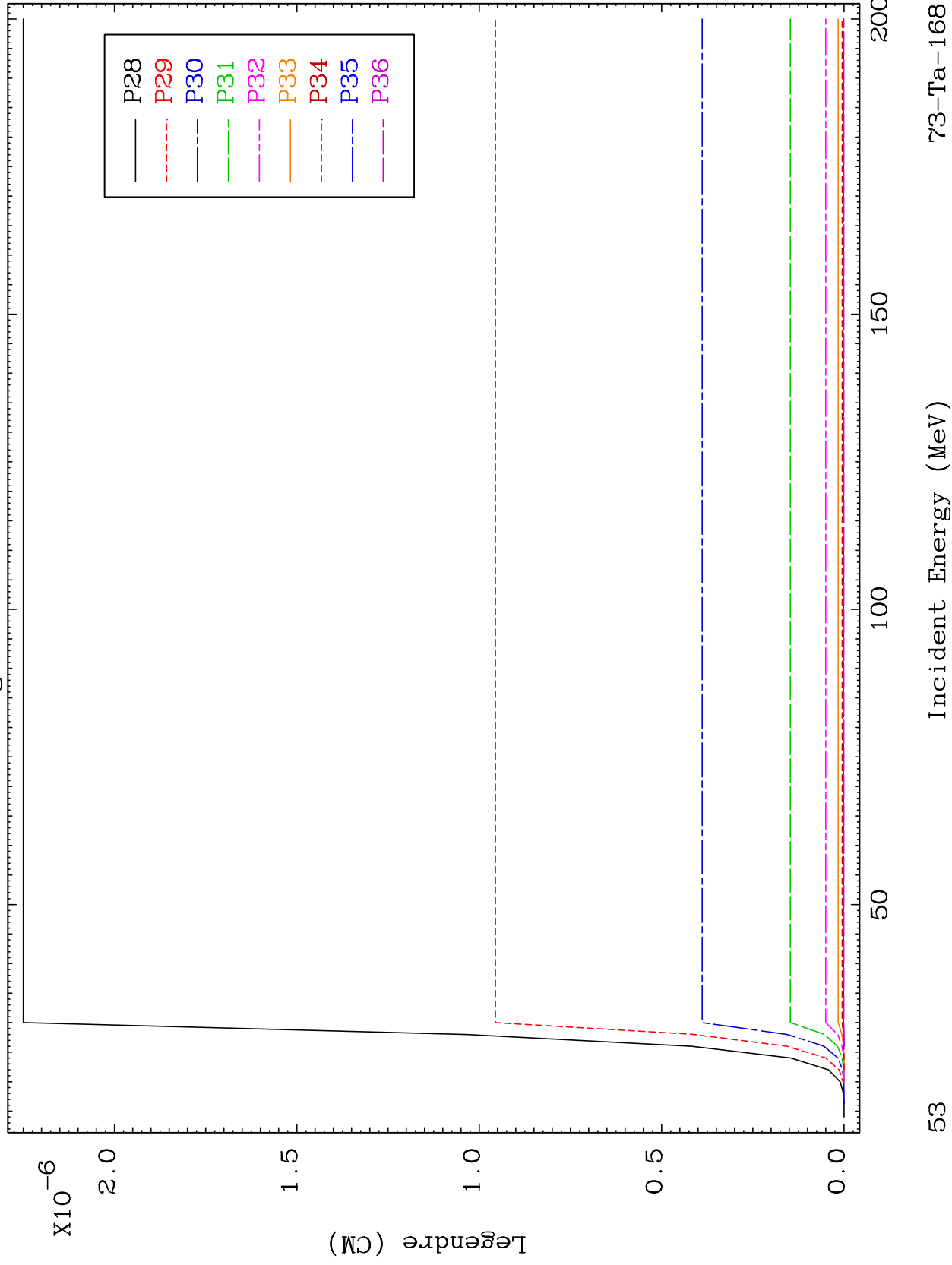
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

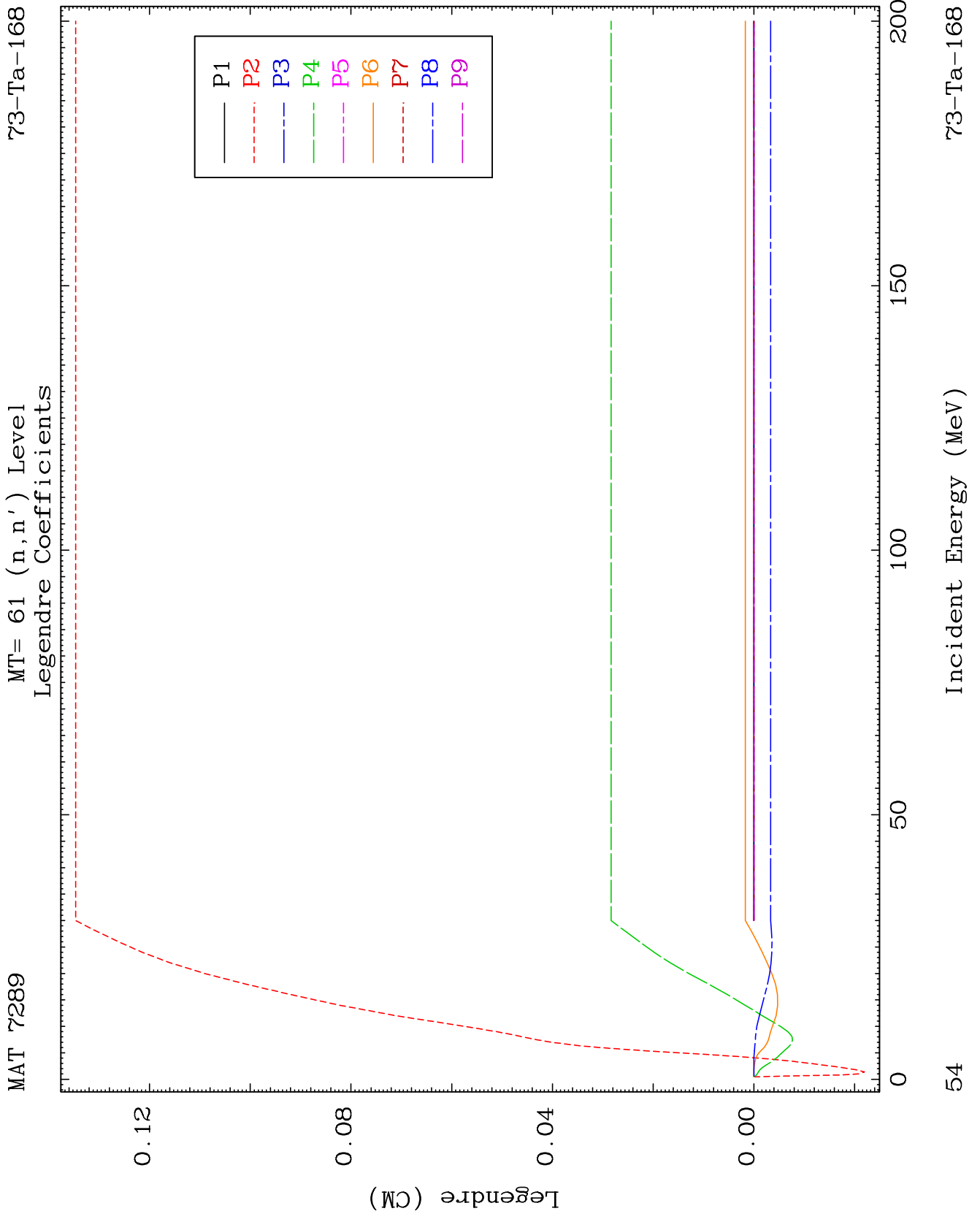
73-Ta-168



53

Incident Energy (MeV)

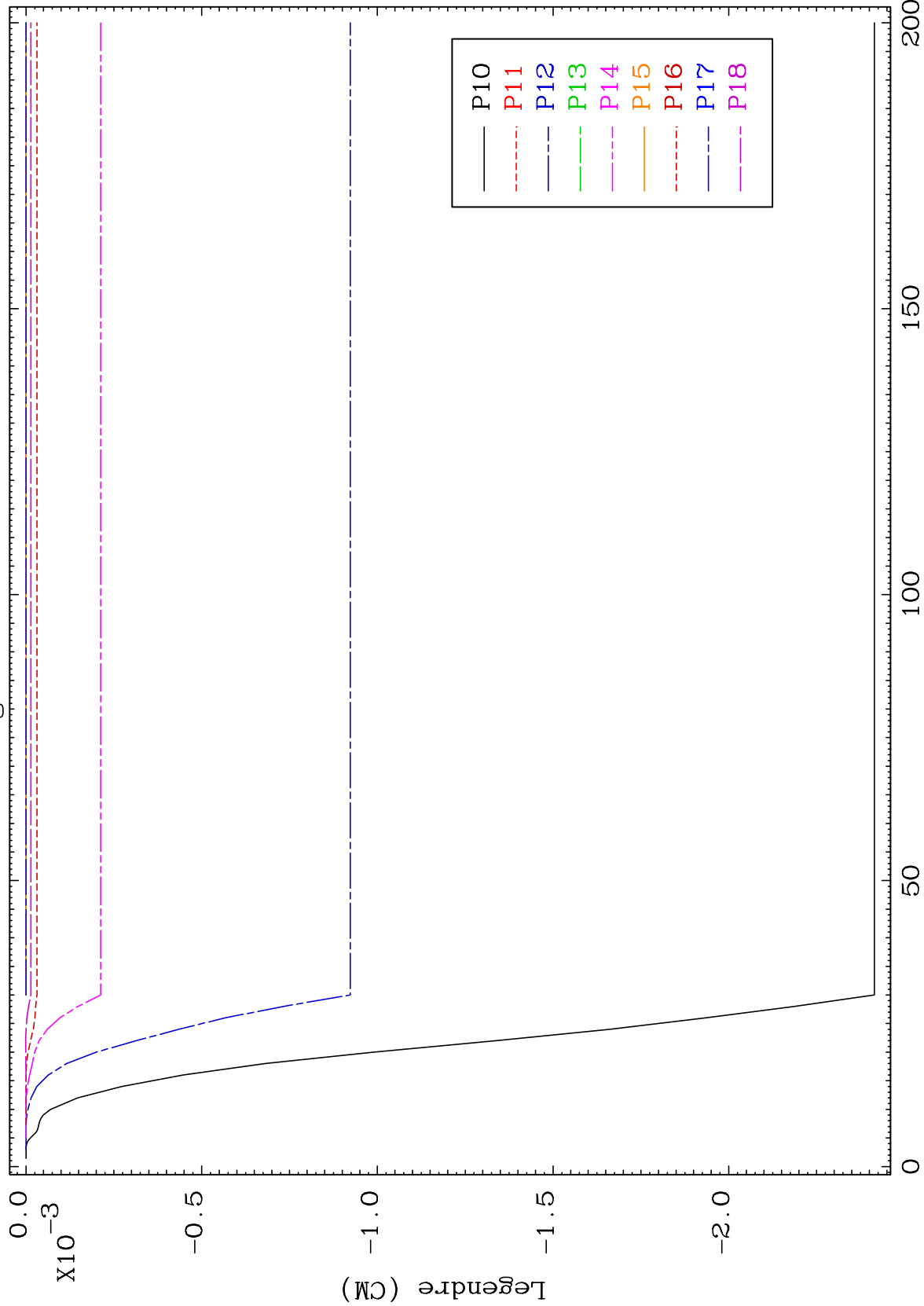
73-Ta-168



MAT 7289

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

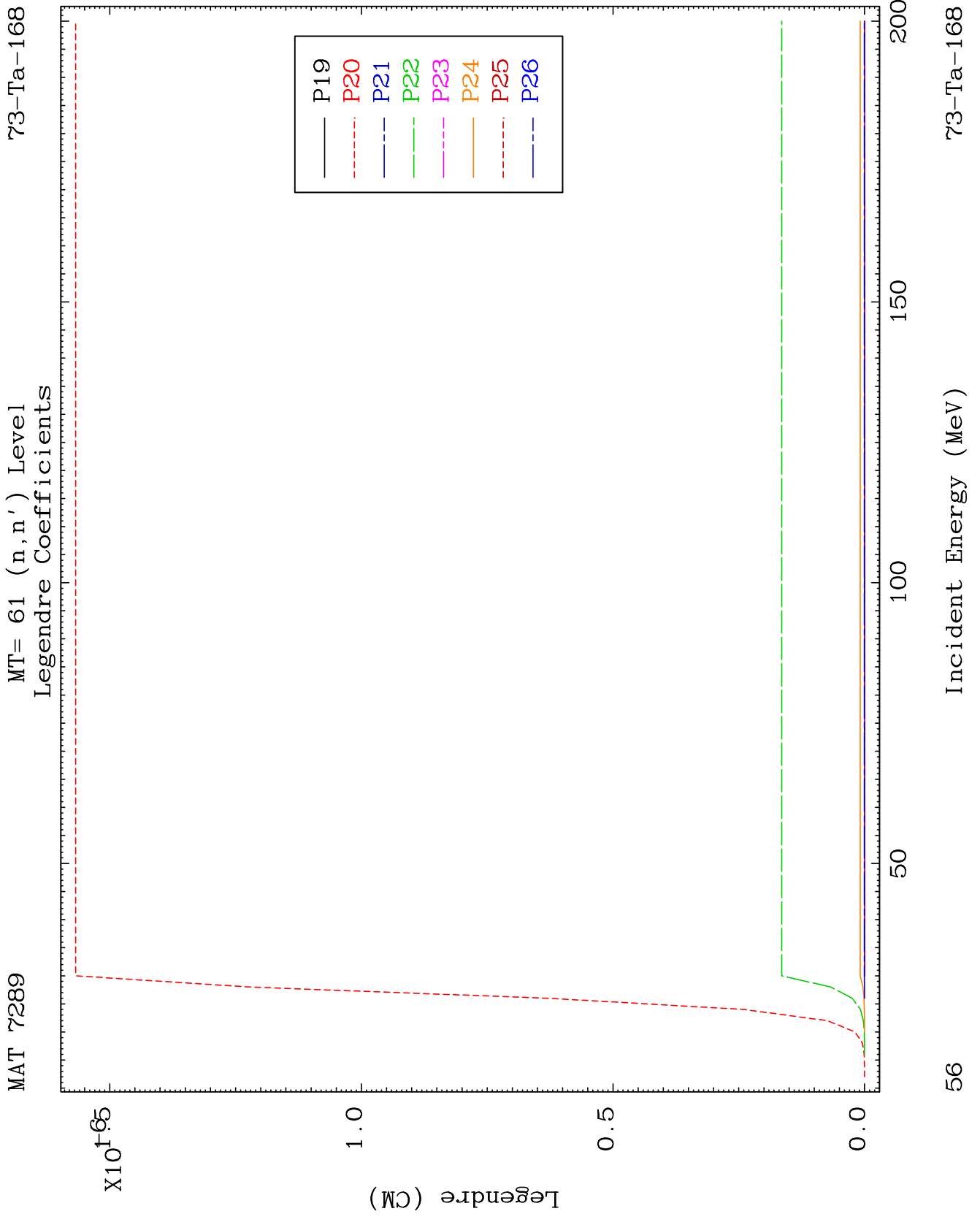
73-Ta-168



55

Incident Energy (MeV)

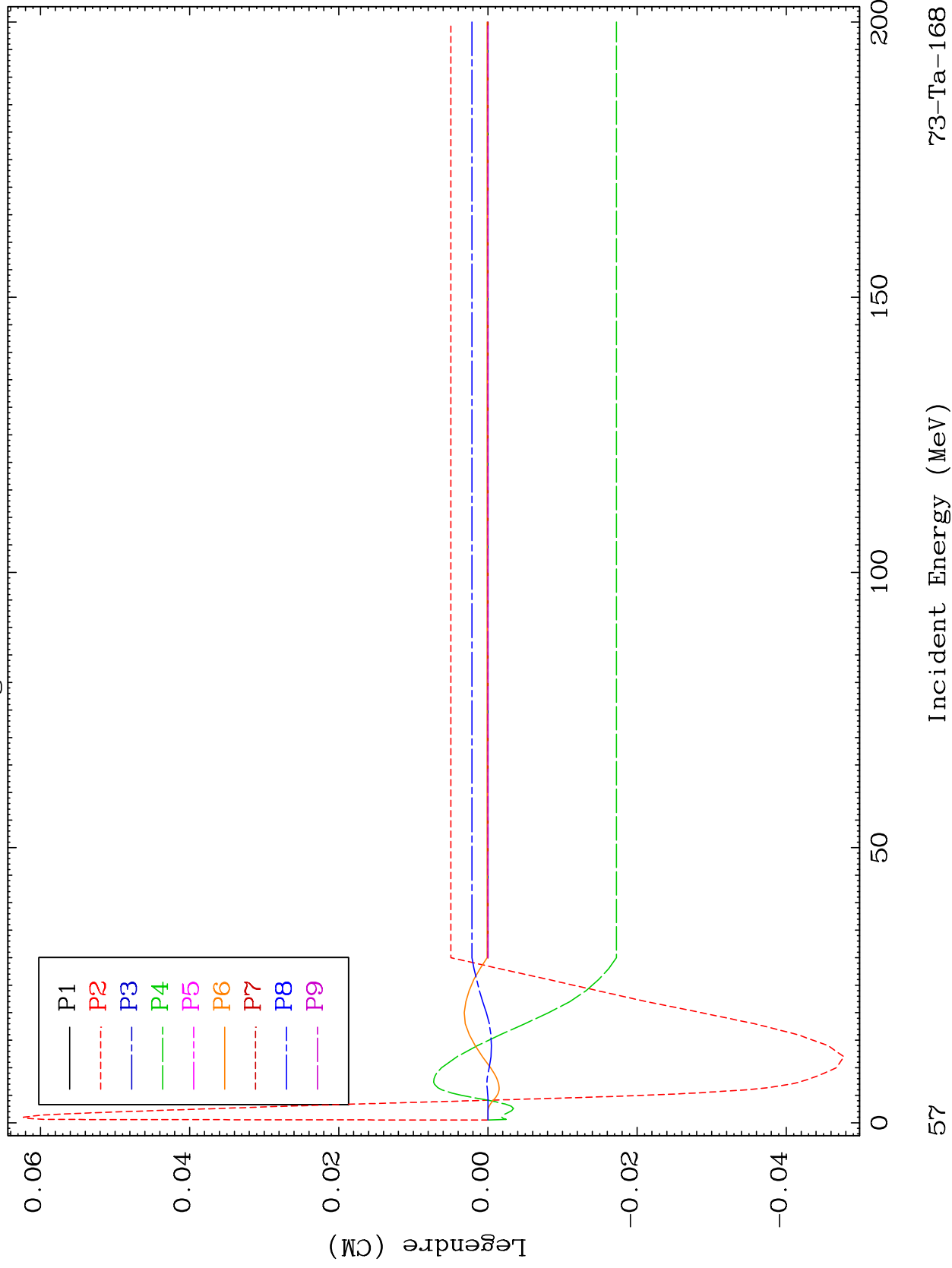
73-Ta-168



MAT 7289

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

73-Ta-168



73-Ta-168

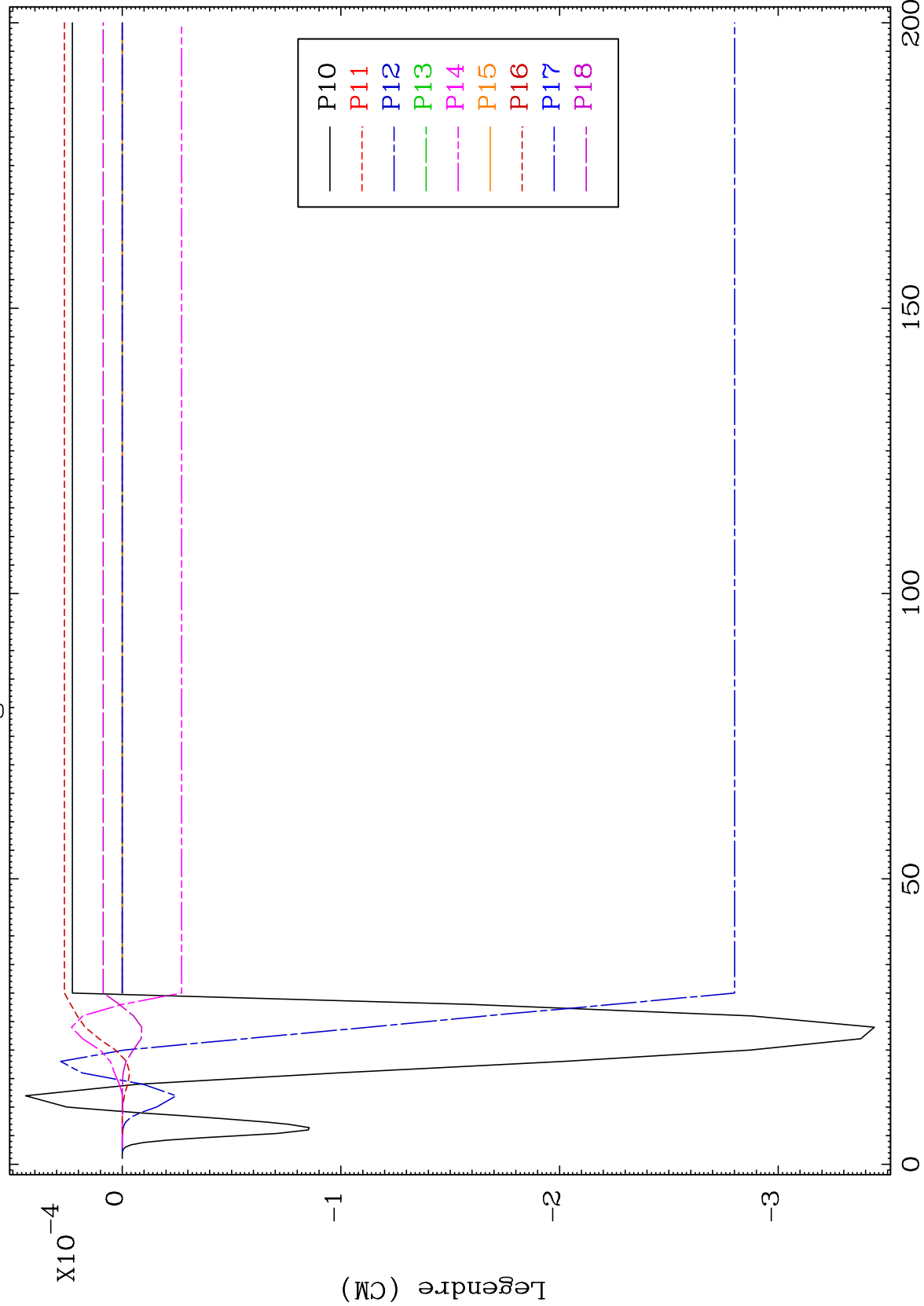
Incident Energy (MeV)

57

MAT 7289

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

73-Ta-168



58

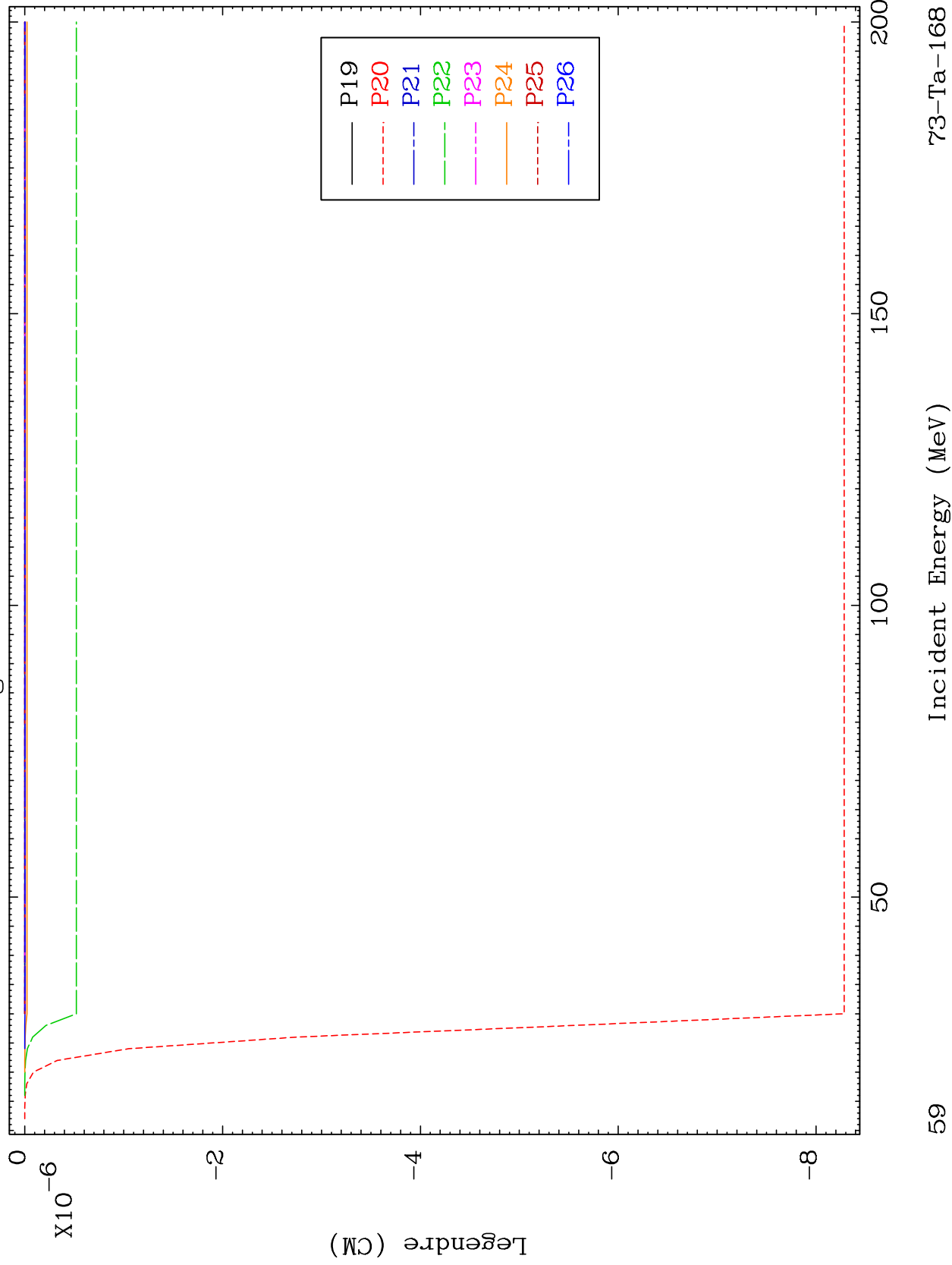
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



59

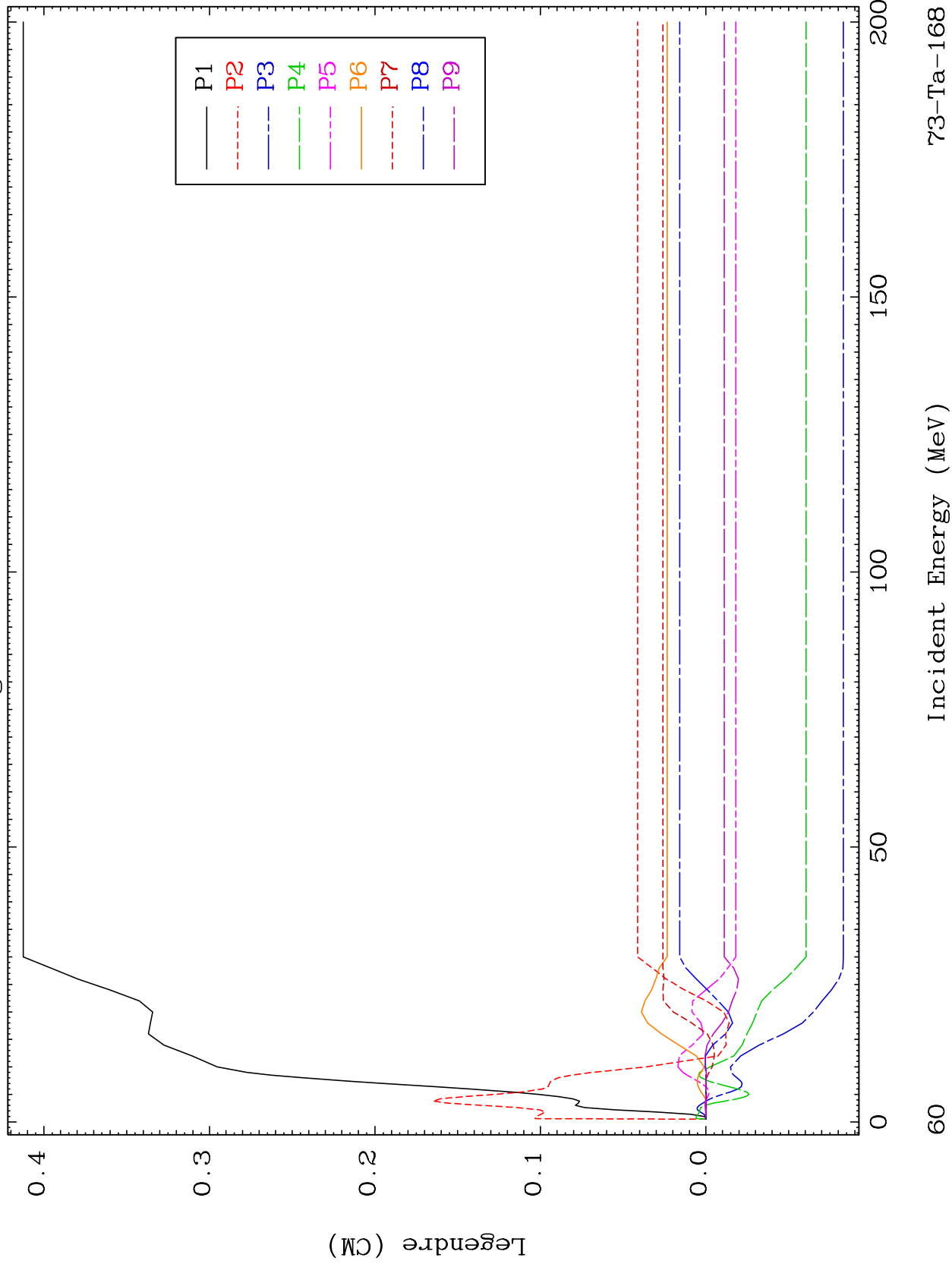
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



73-Ta-168

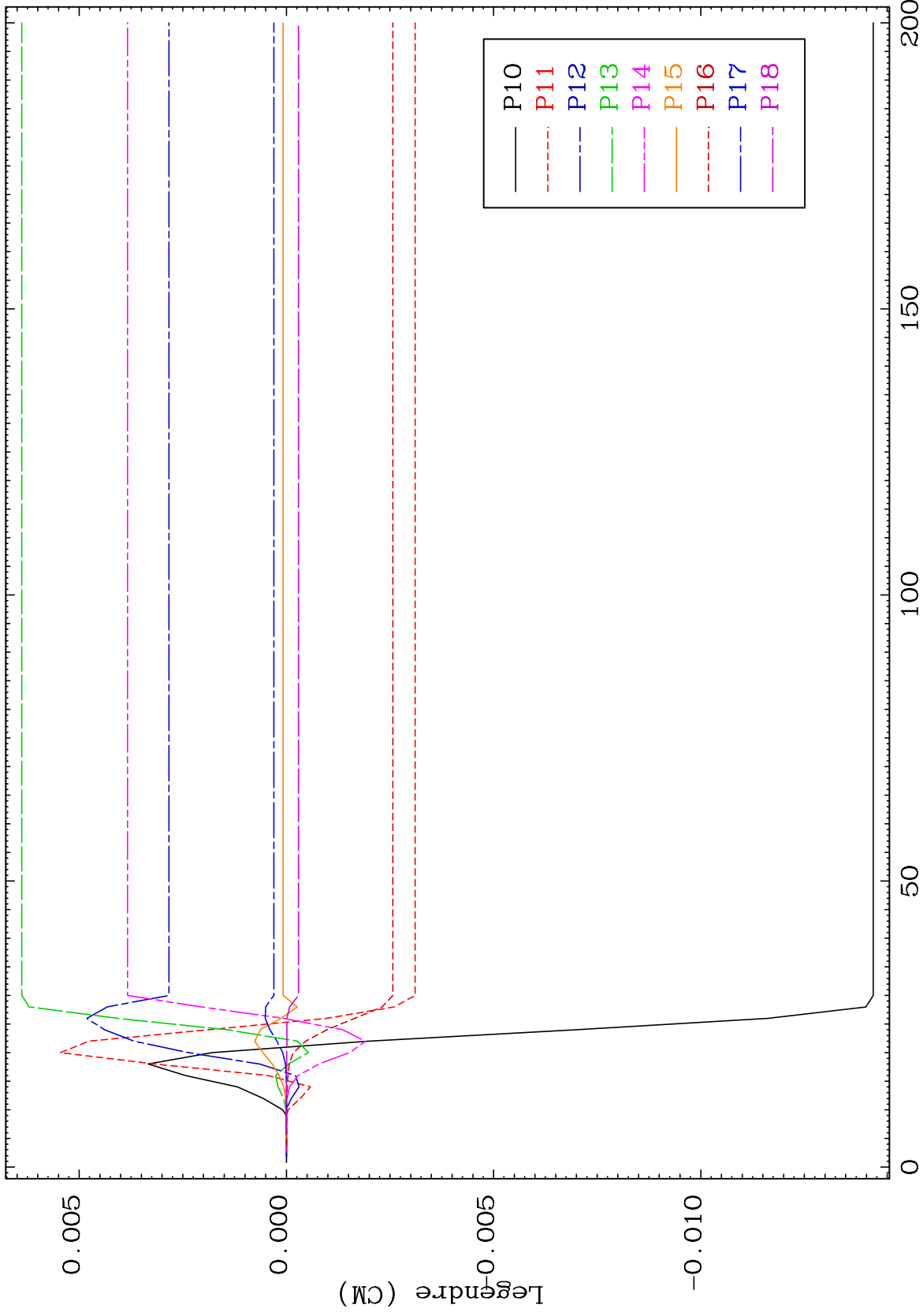
Incident Energy (MeV)

60

MAT 7289

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

73-Ta-168



61

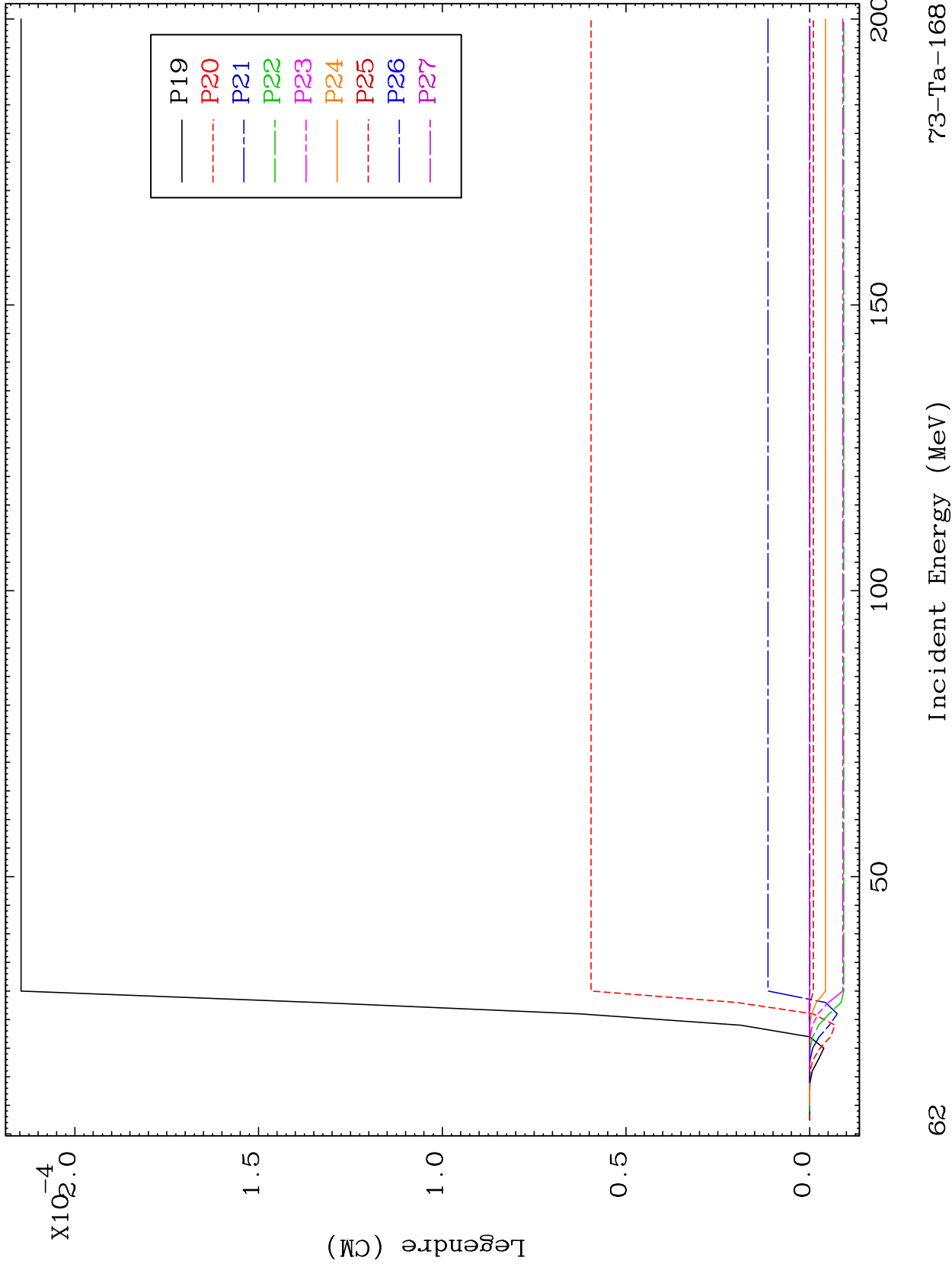
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



62

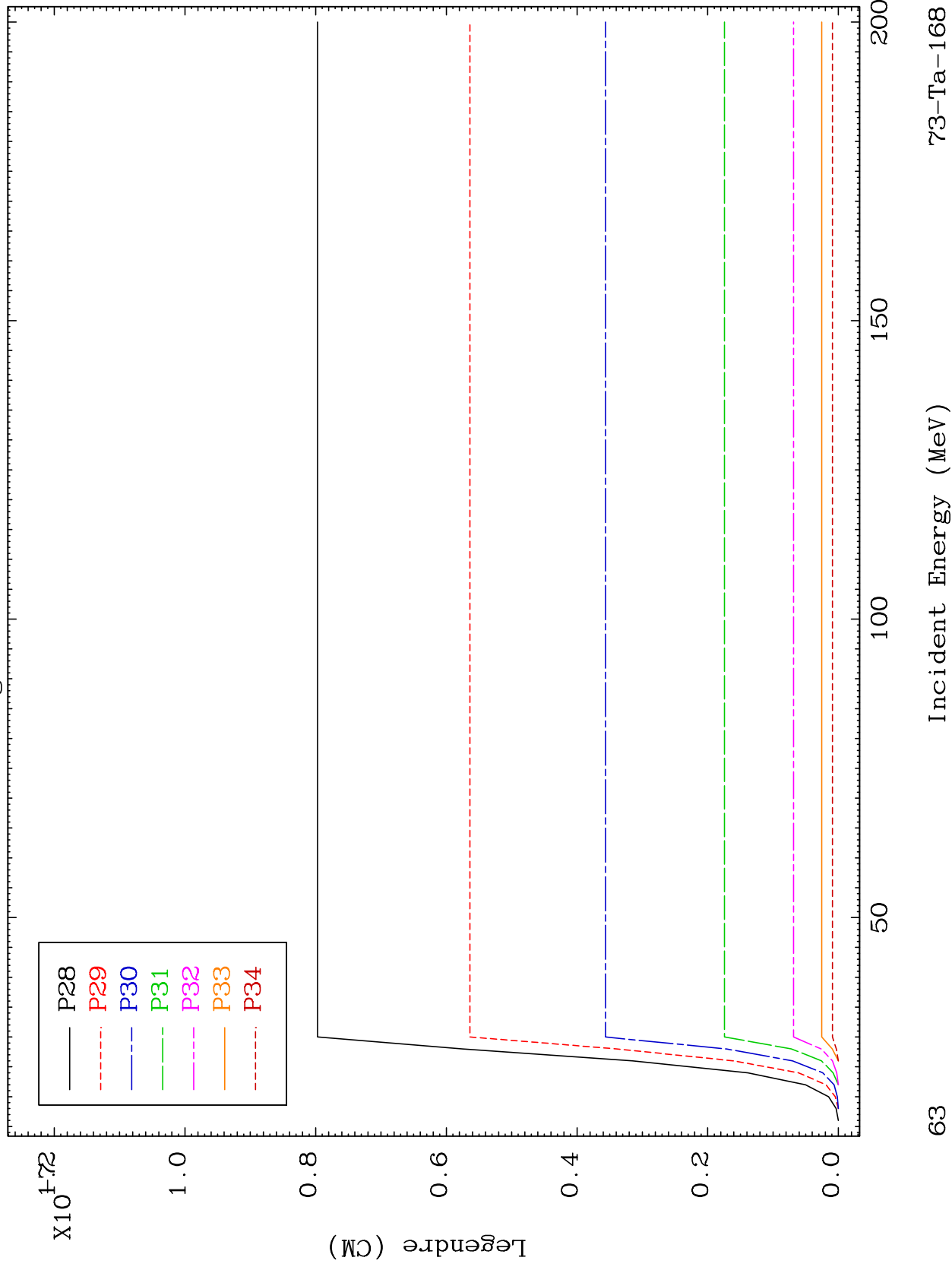
Incident Energy (MeV)

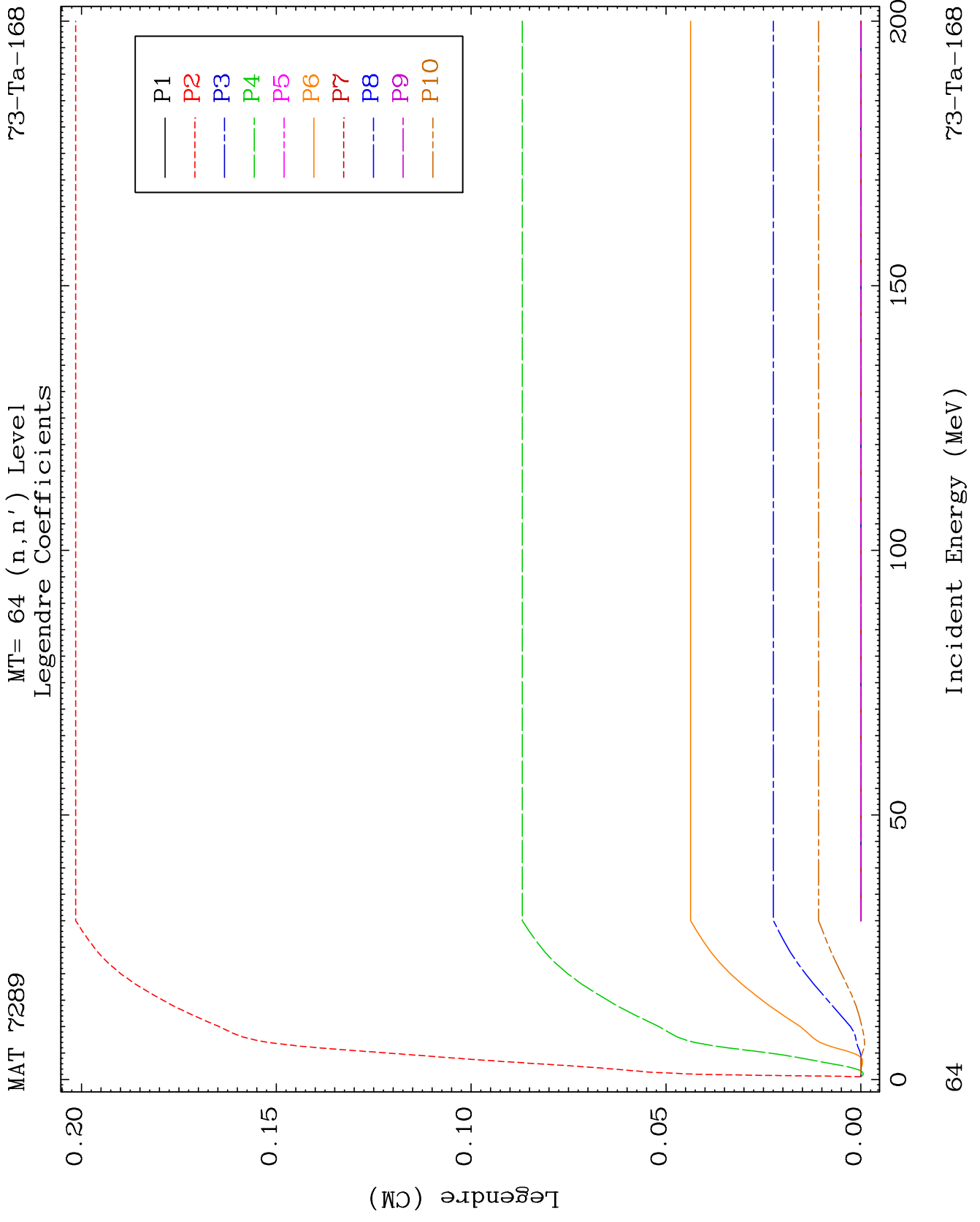
73-Ta-168

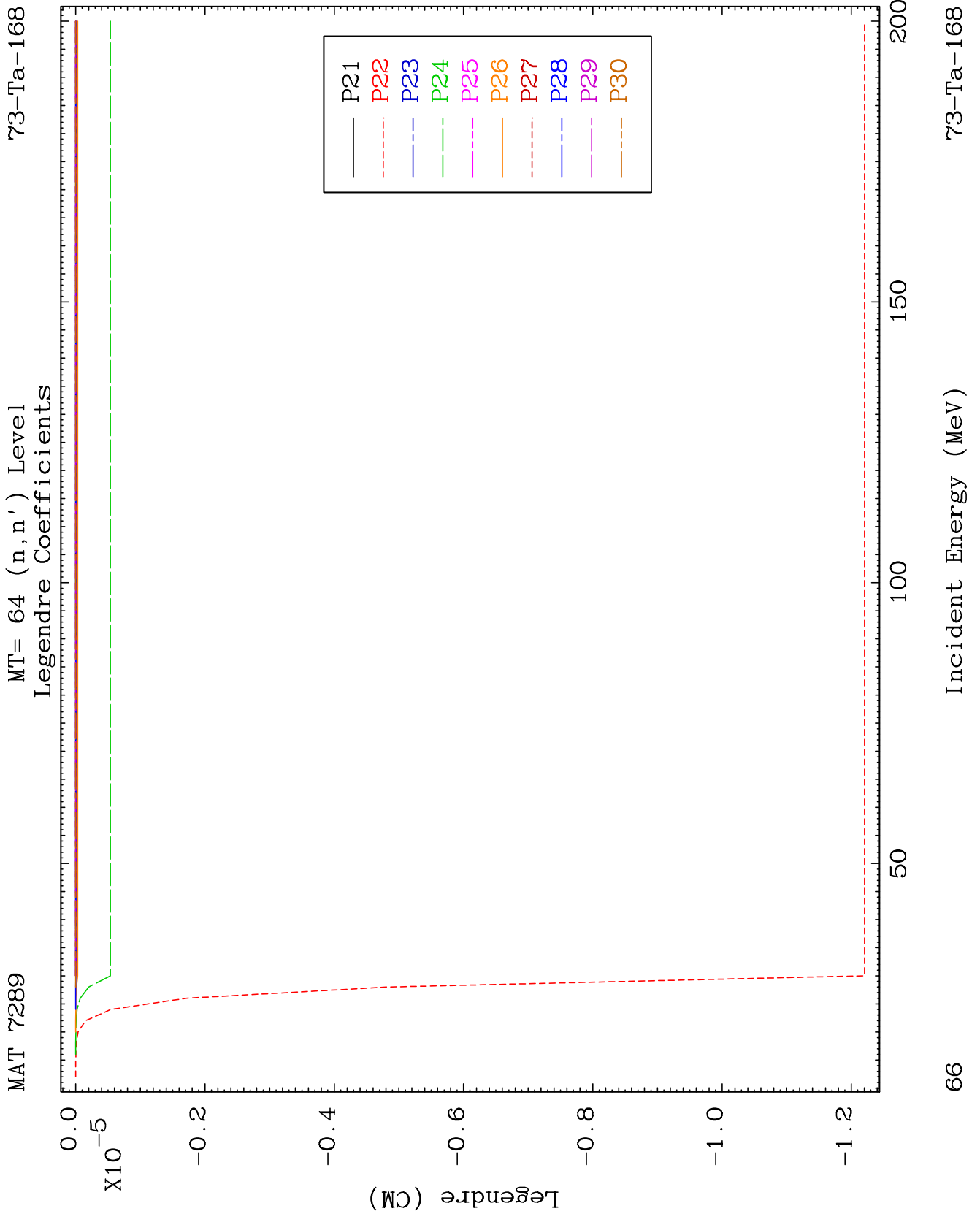
MAT 7289

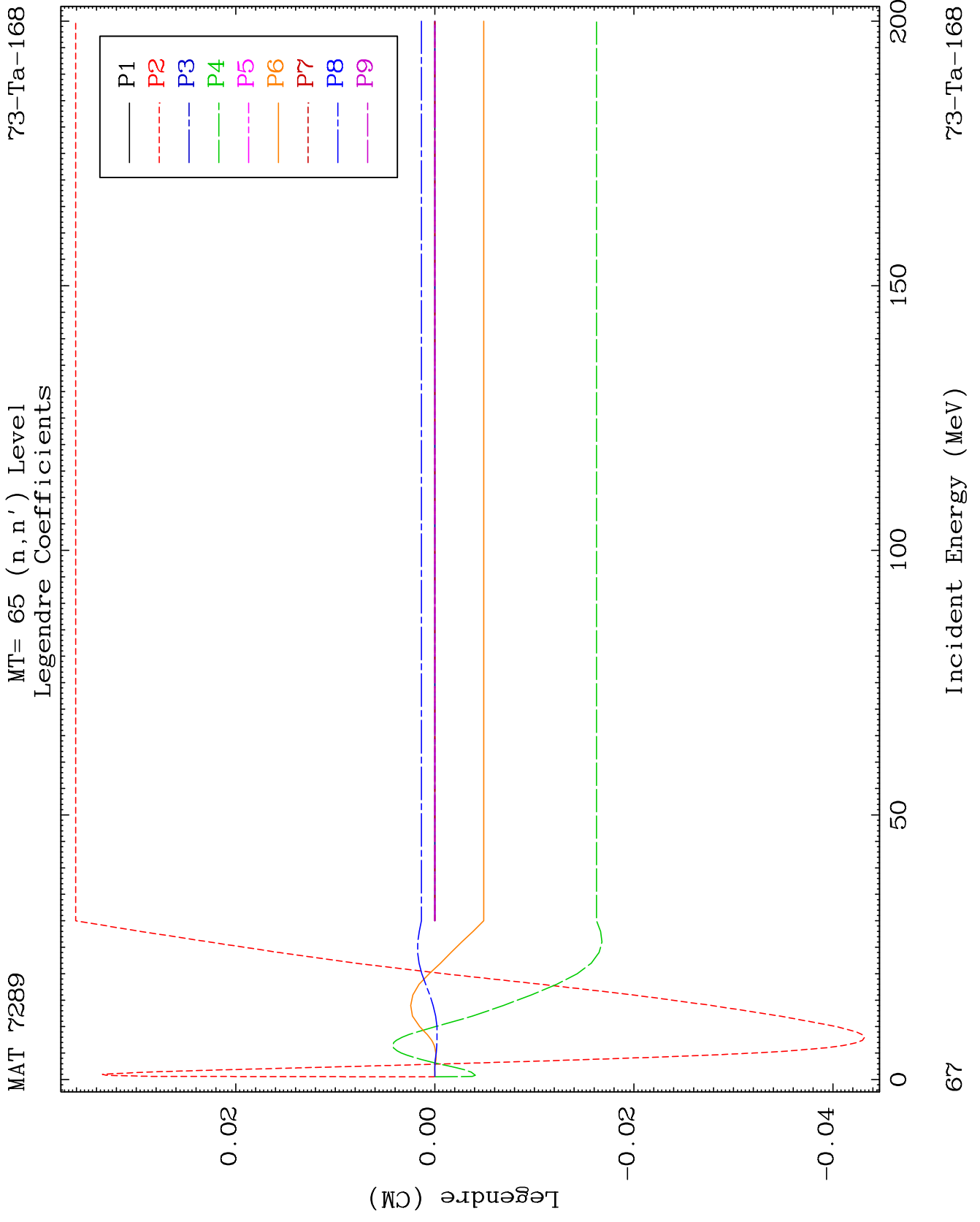
MT= 63 (n,n') Level
Legendre Coefficients

73-Ta-168





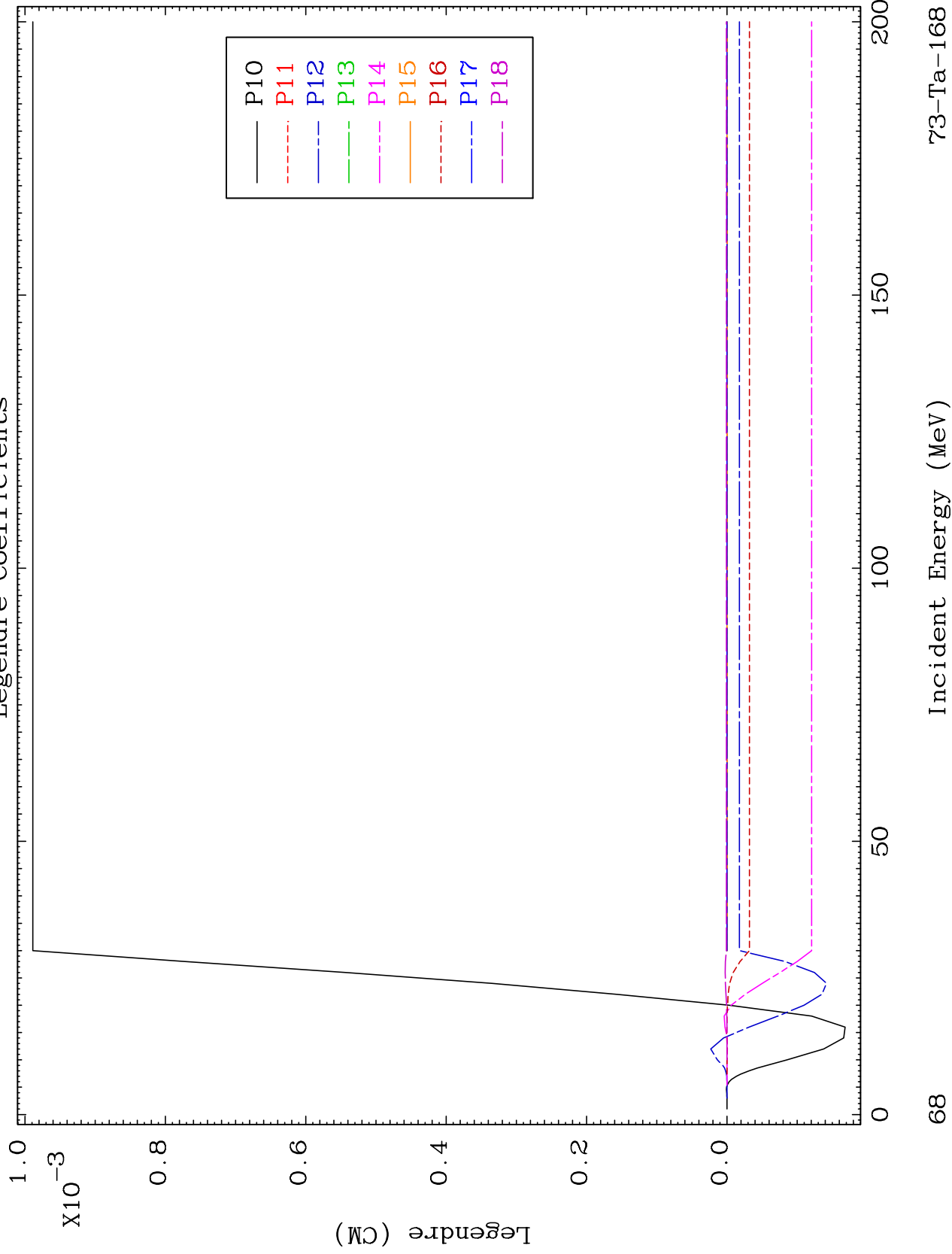




MAT 7289

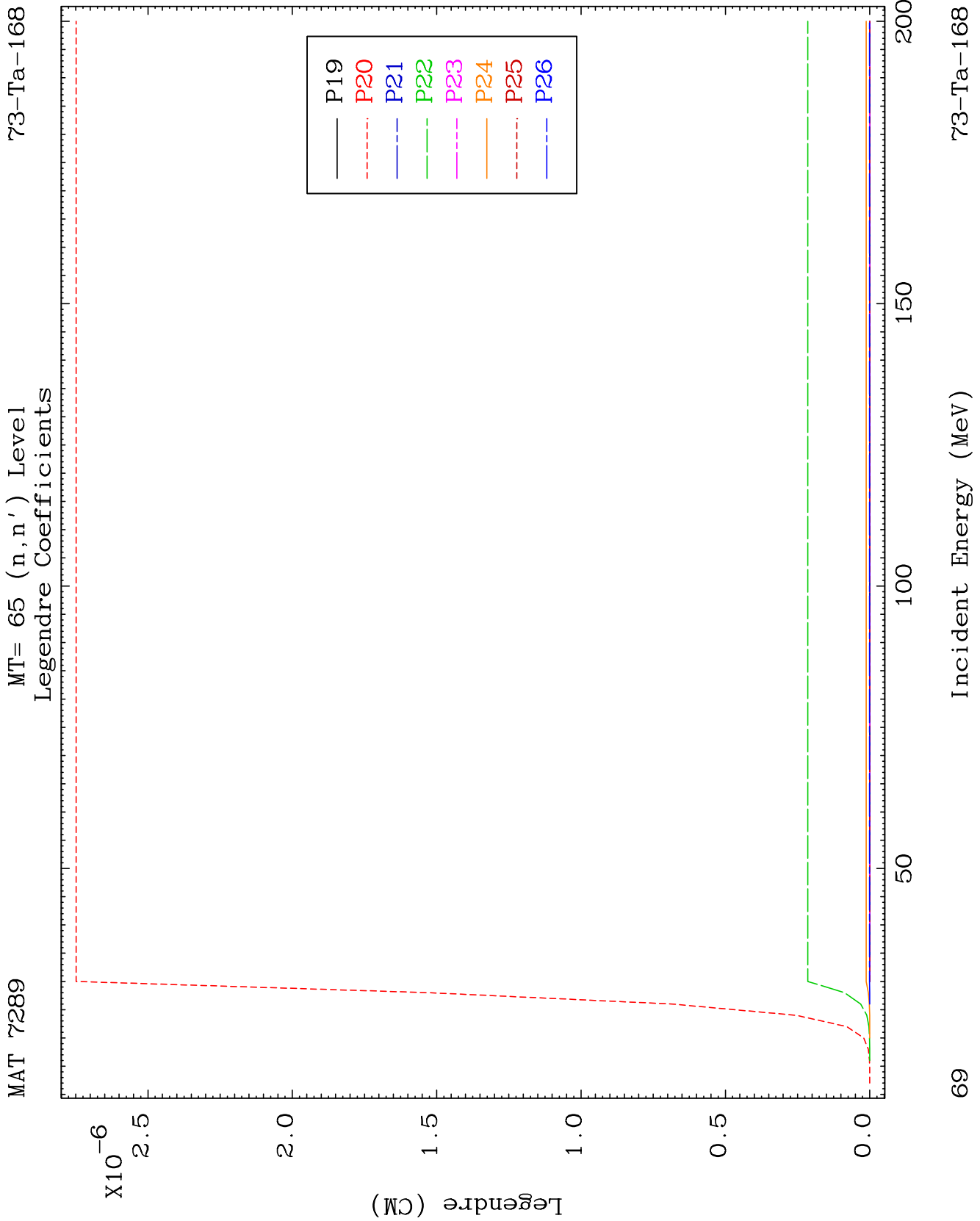
MT= 65 (n,n') Level
Legendre Coefficients

73-Ta-168



68

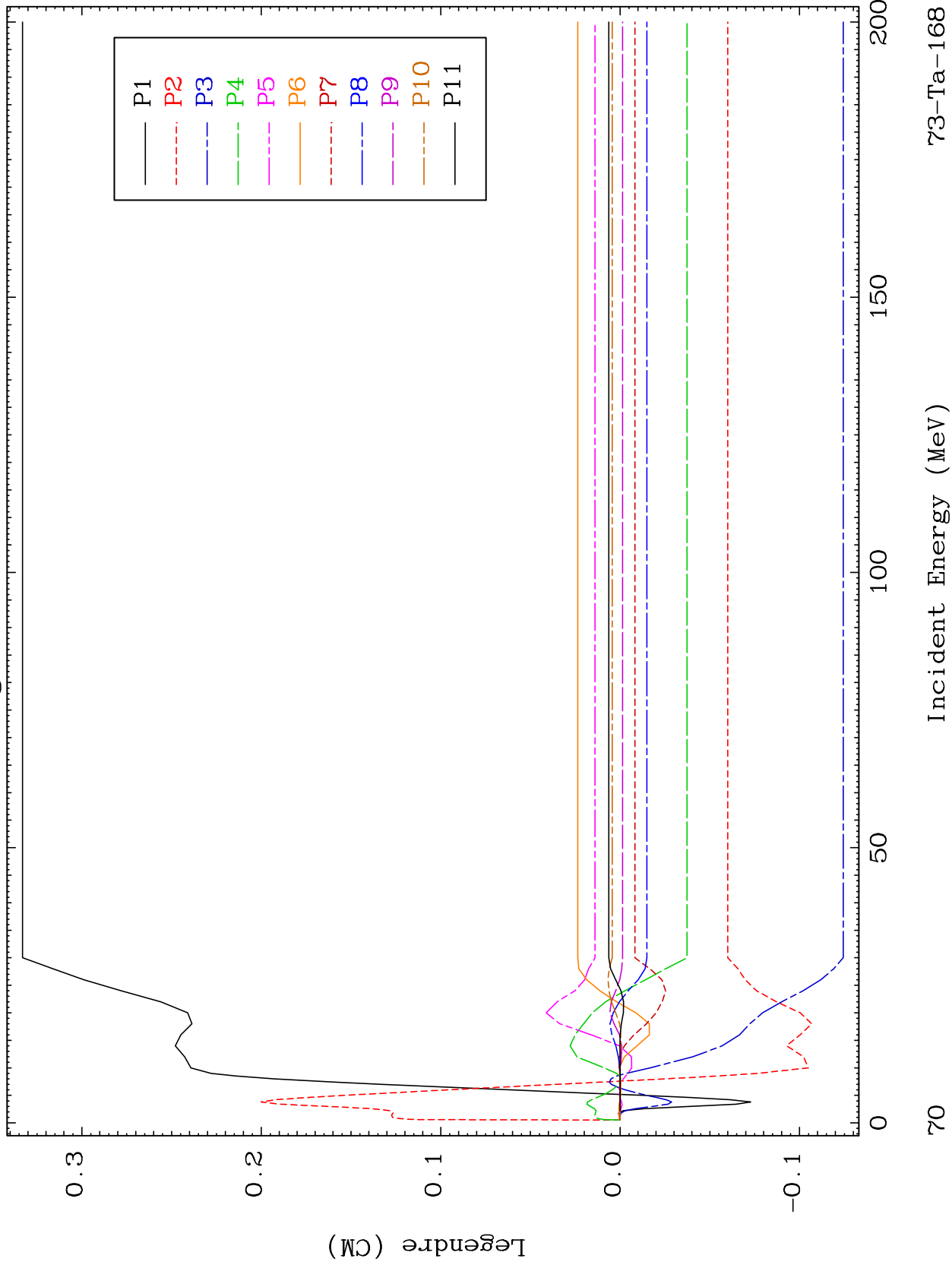
73-Ta-168



MAT 7289

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

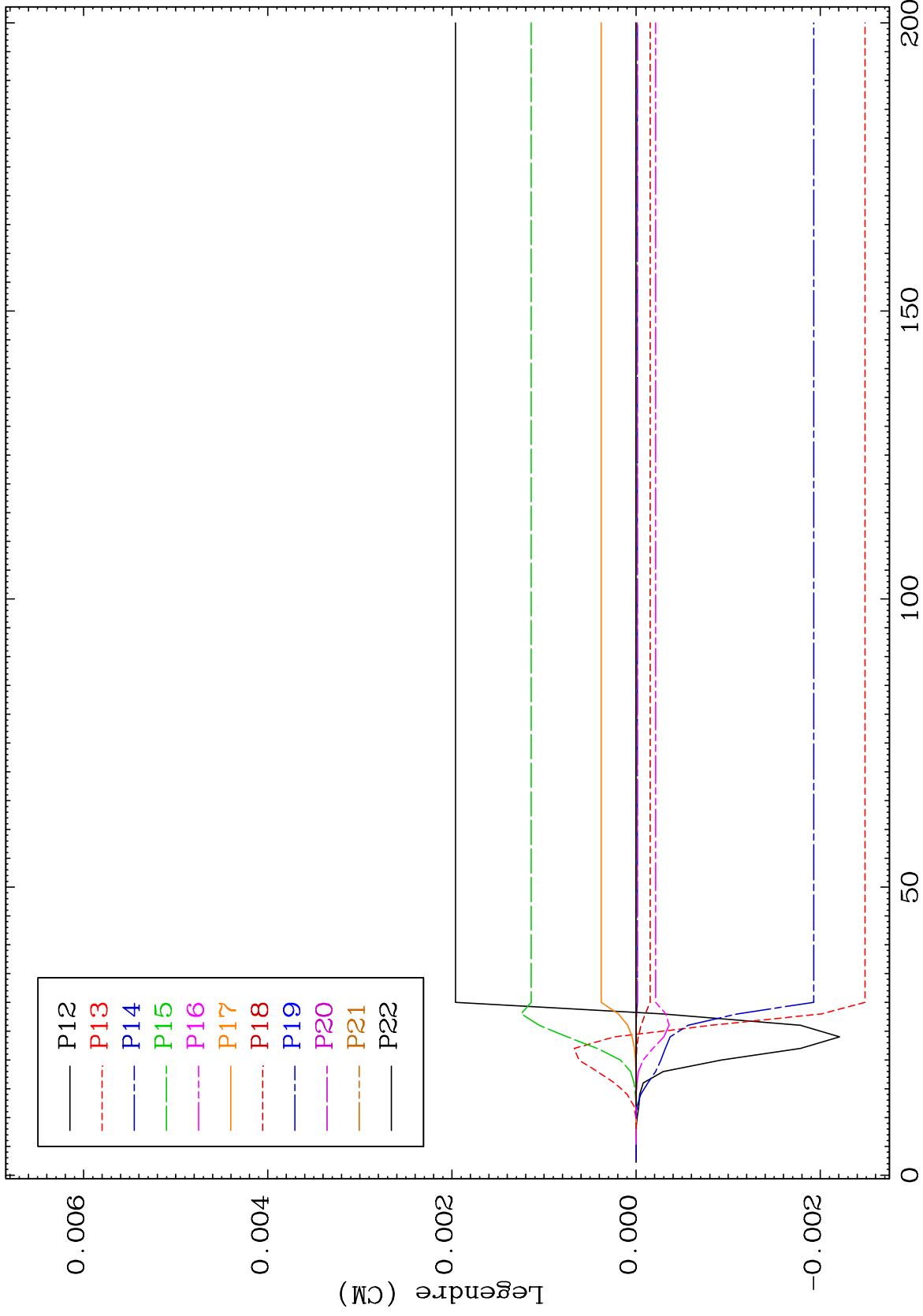
73-Ta-168



MAT 7289

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

73-Ta-168



71

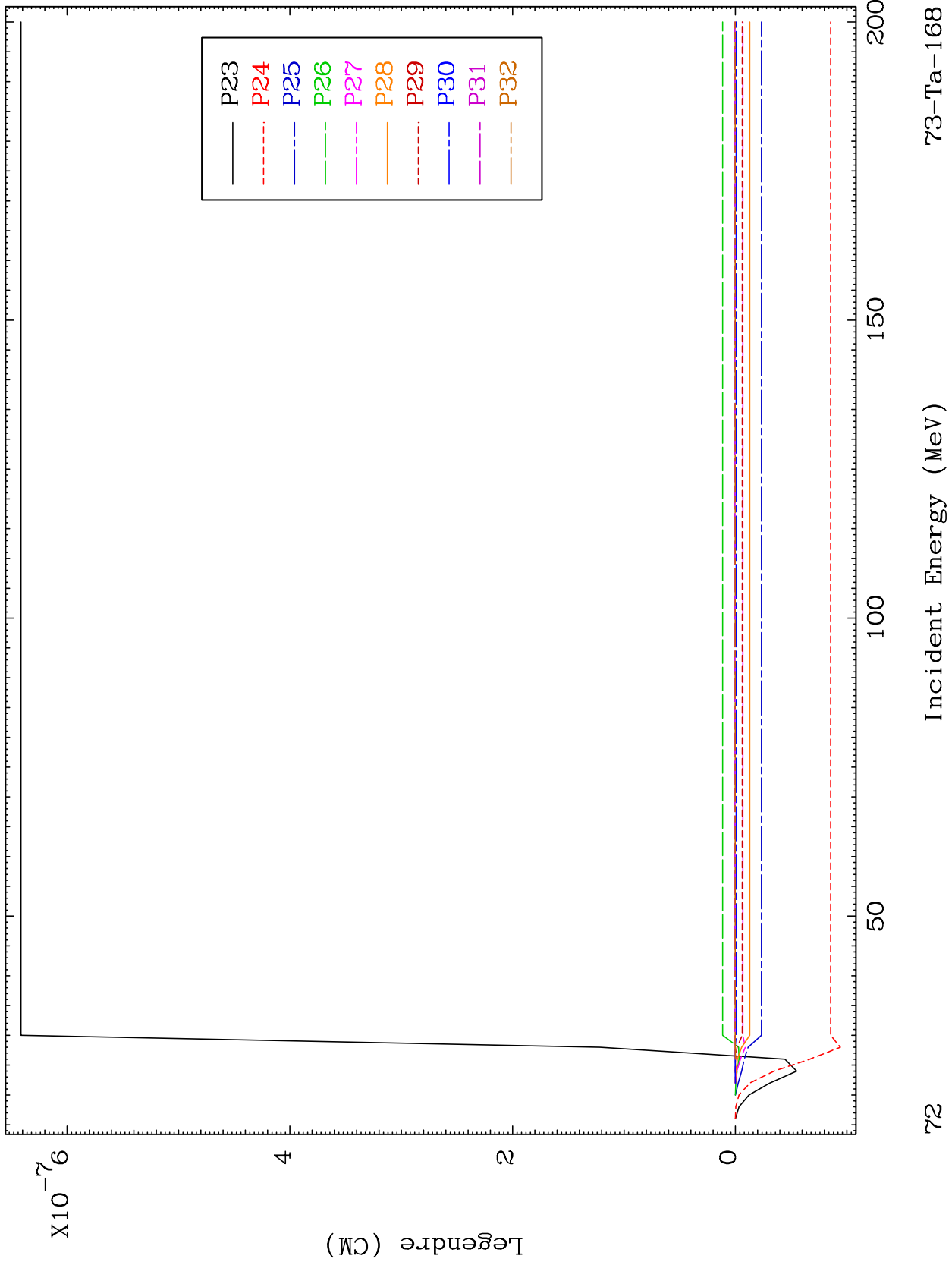
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



72

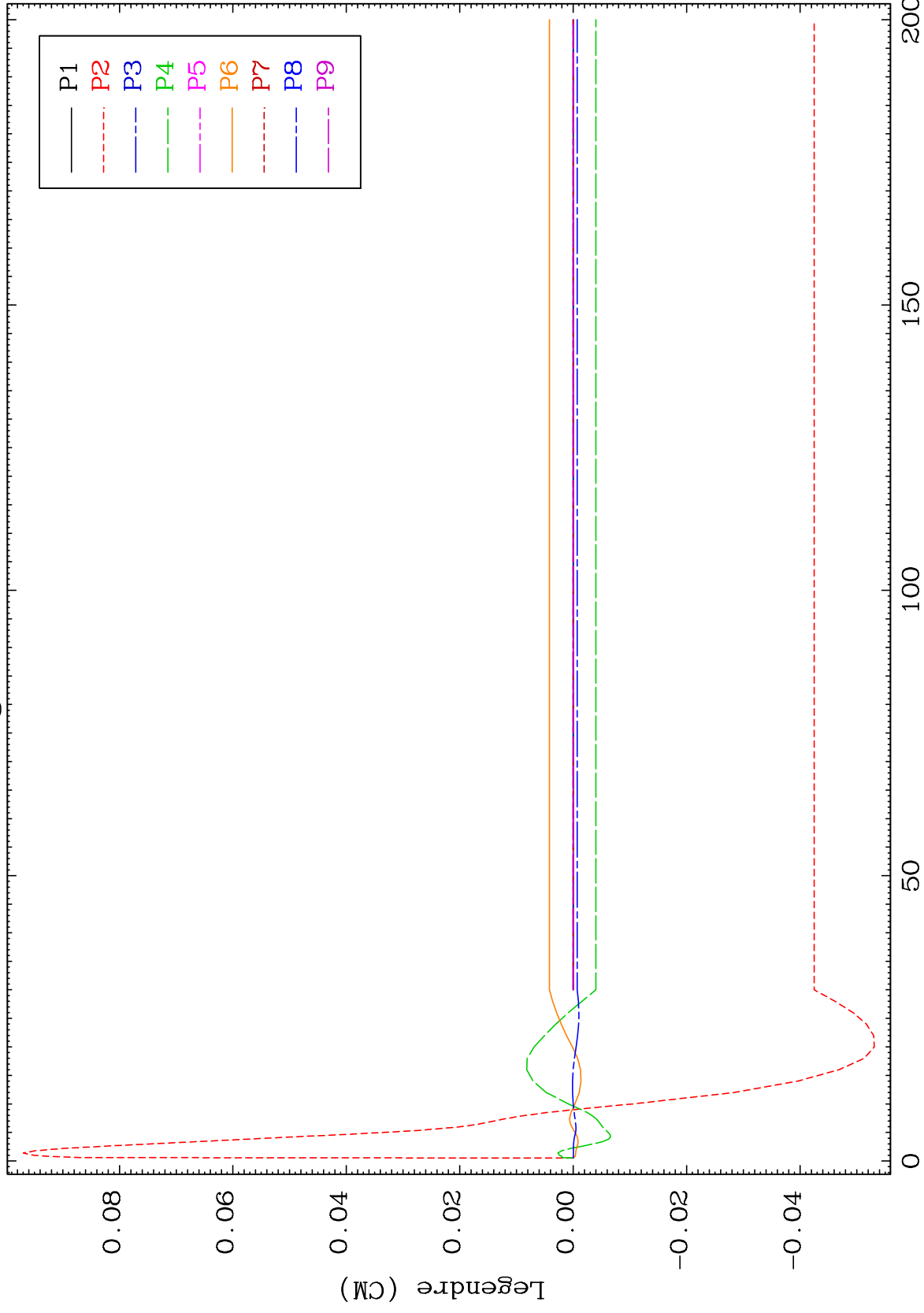
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

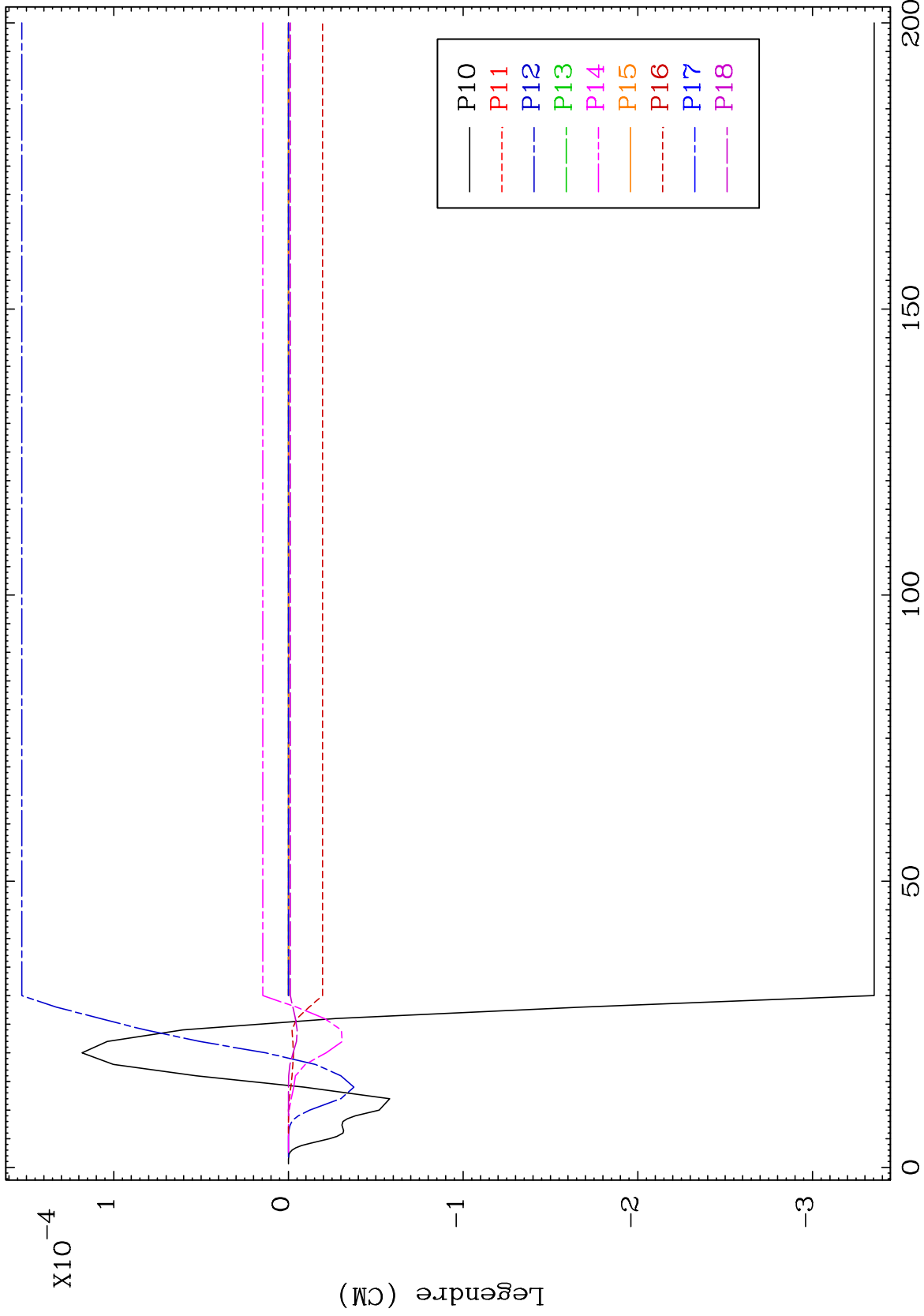
73-Ta-168

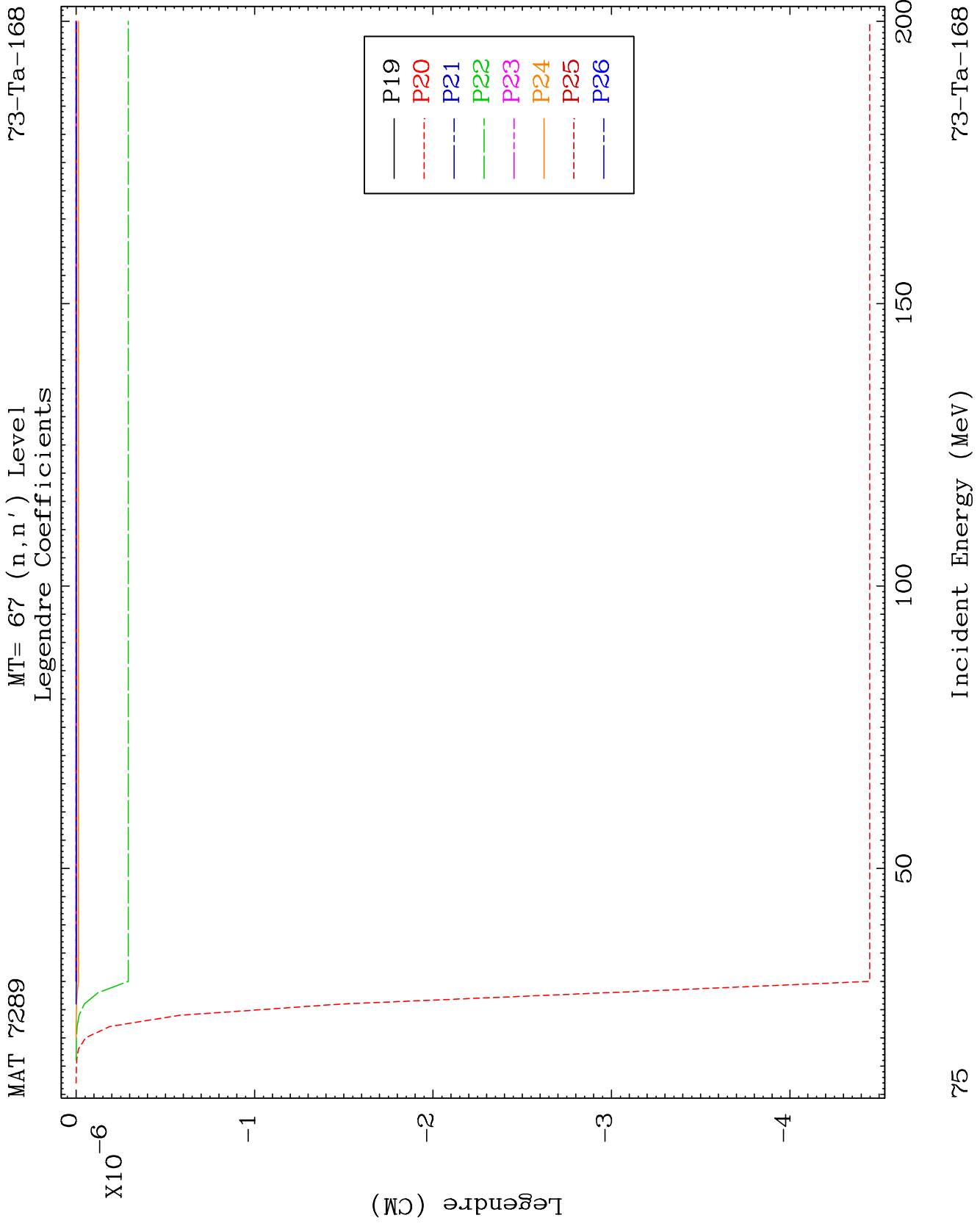


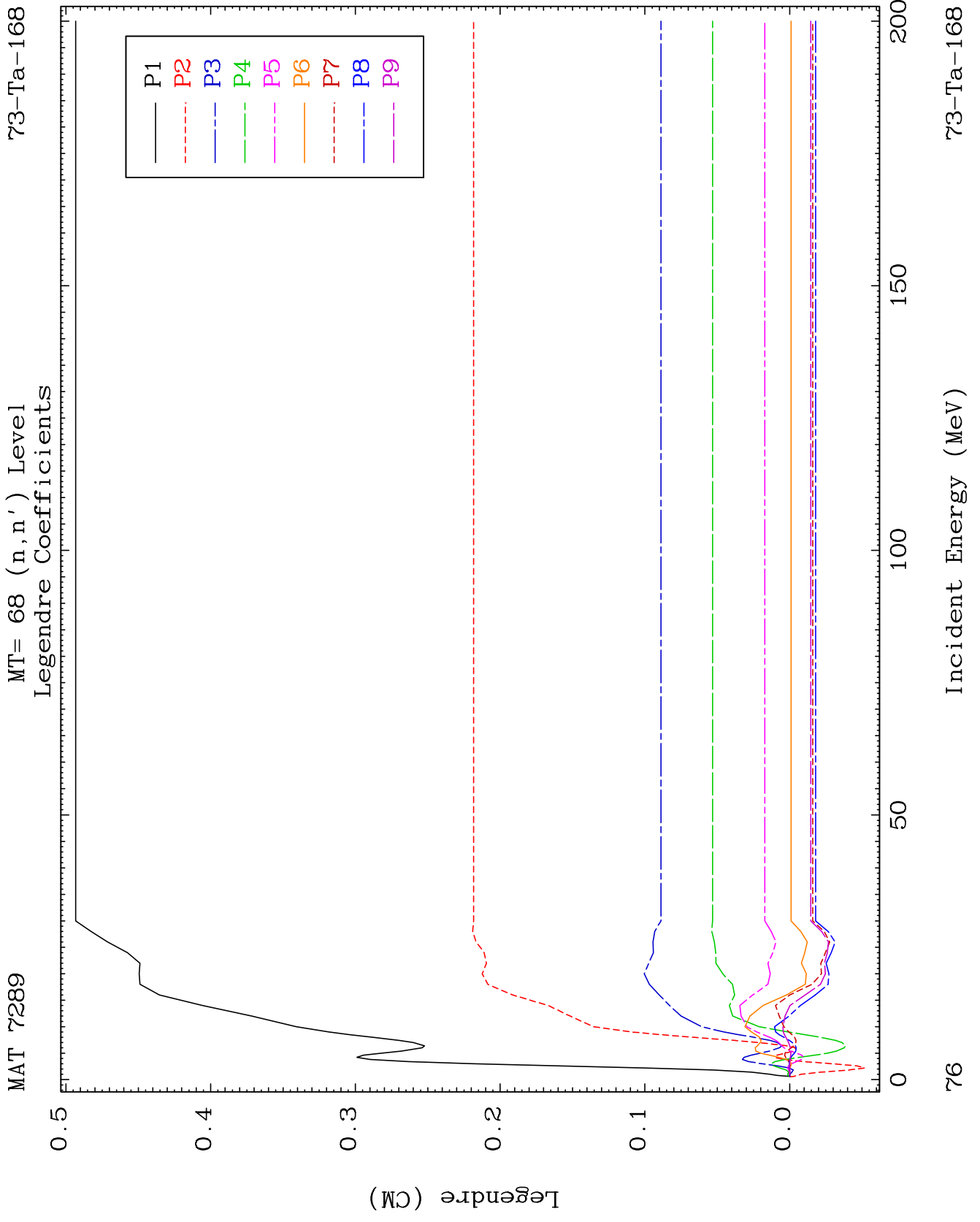
73

Incident Energy (MeV)

73-Ta-168



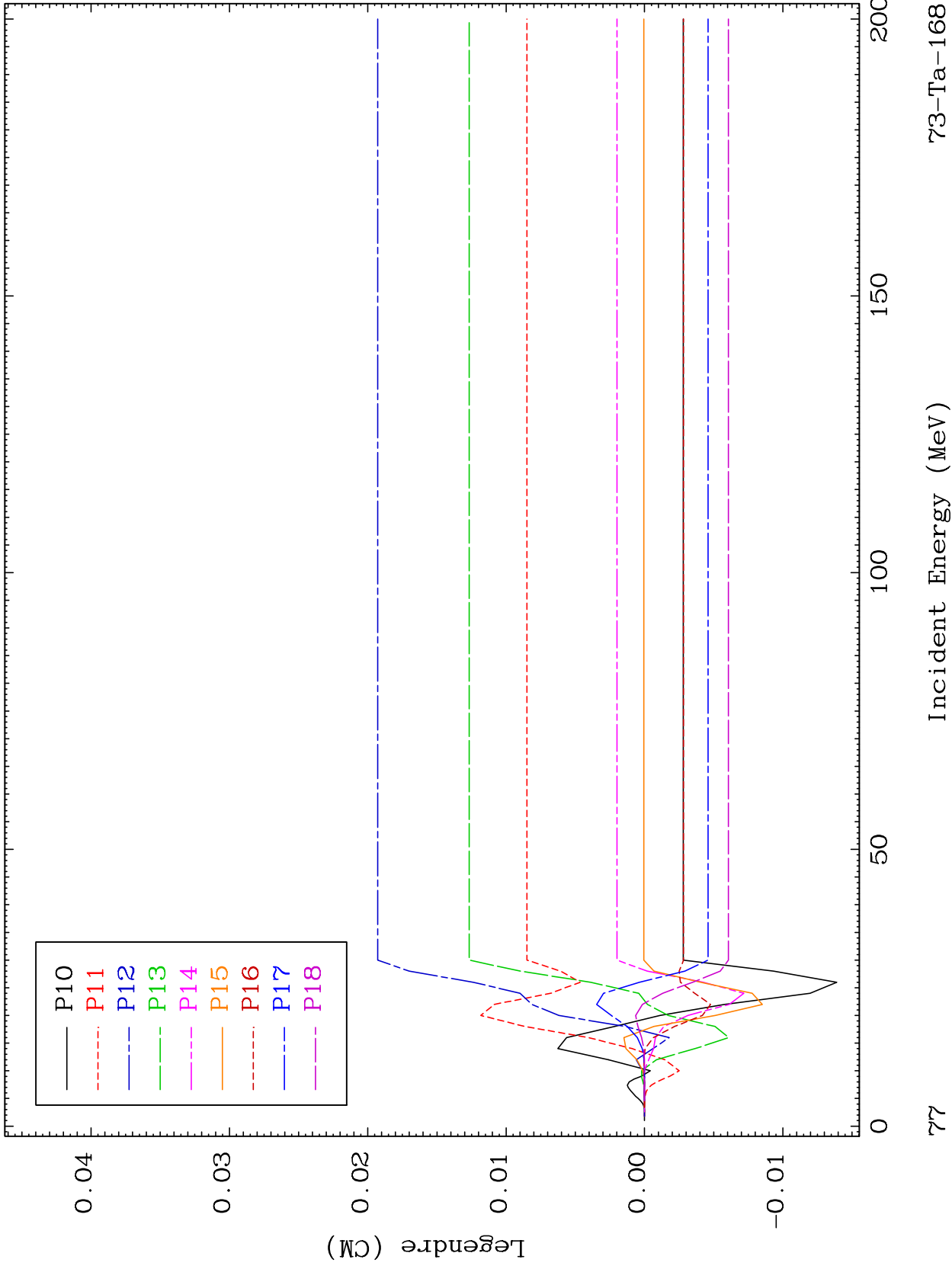




MAT 7289

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

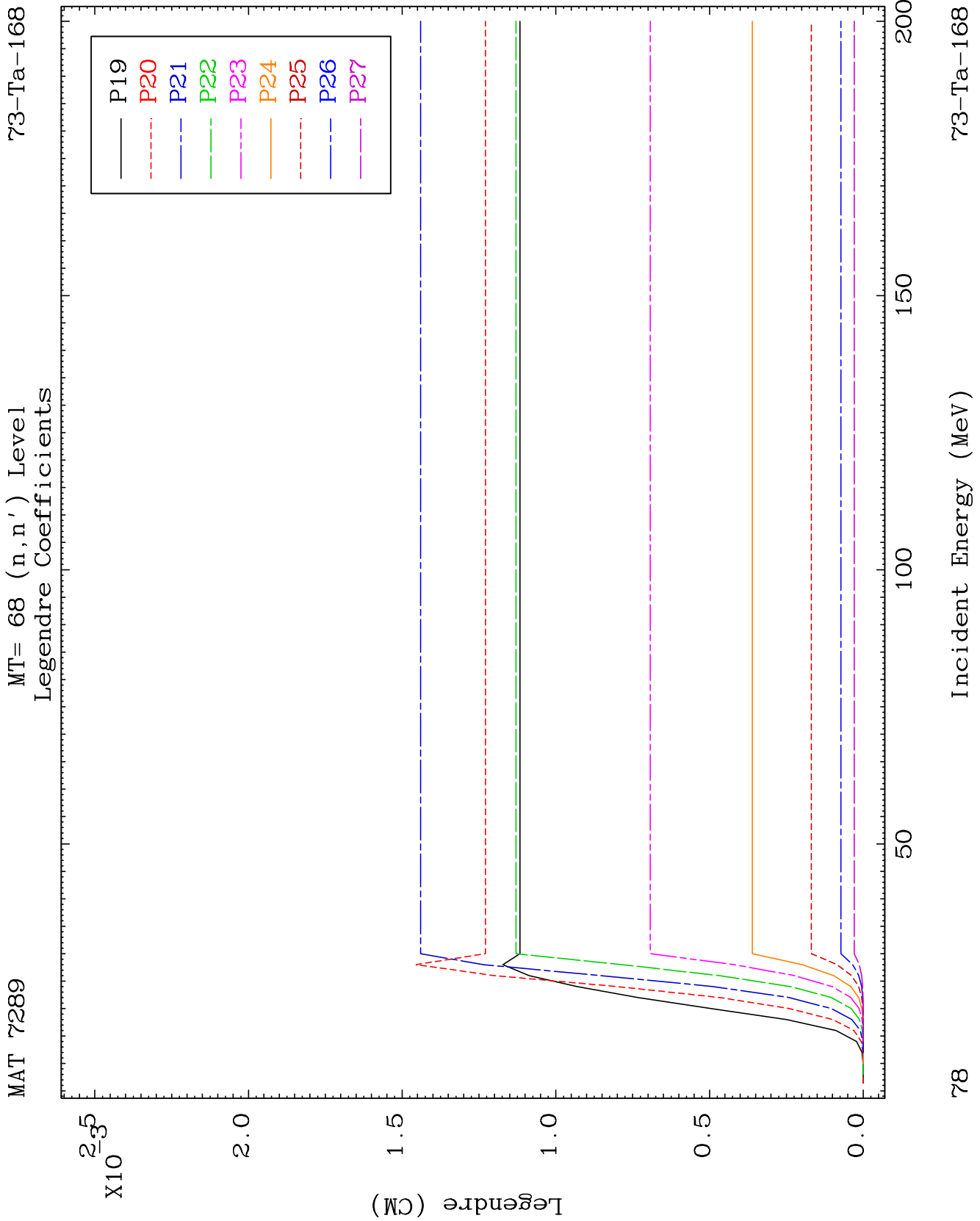
73-Ta-168



77

Incident Energy (MeV)

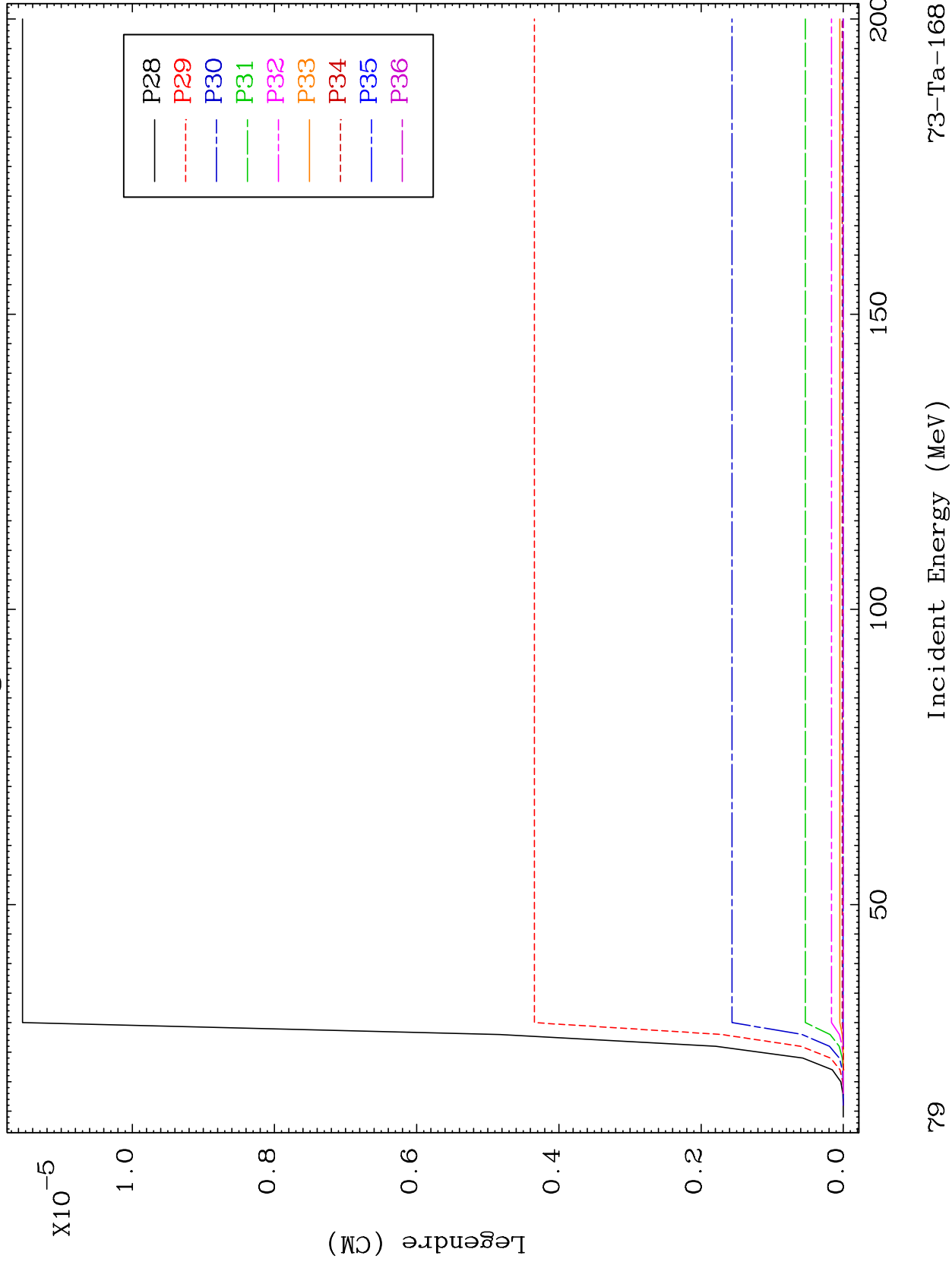
73-Ta-168



MAT 7289

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

73-Ta-168



79

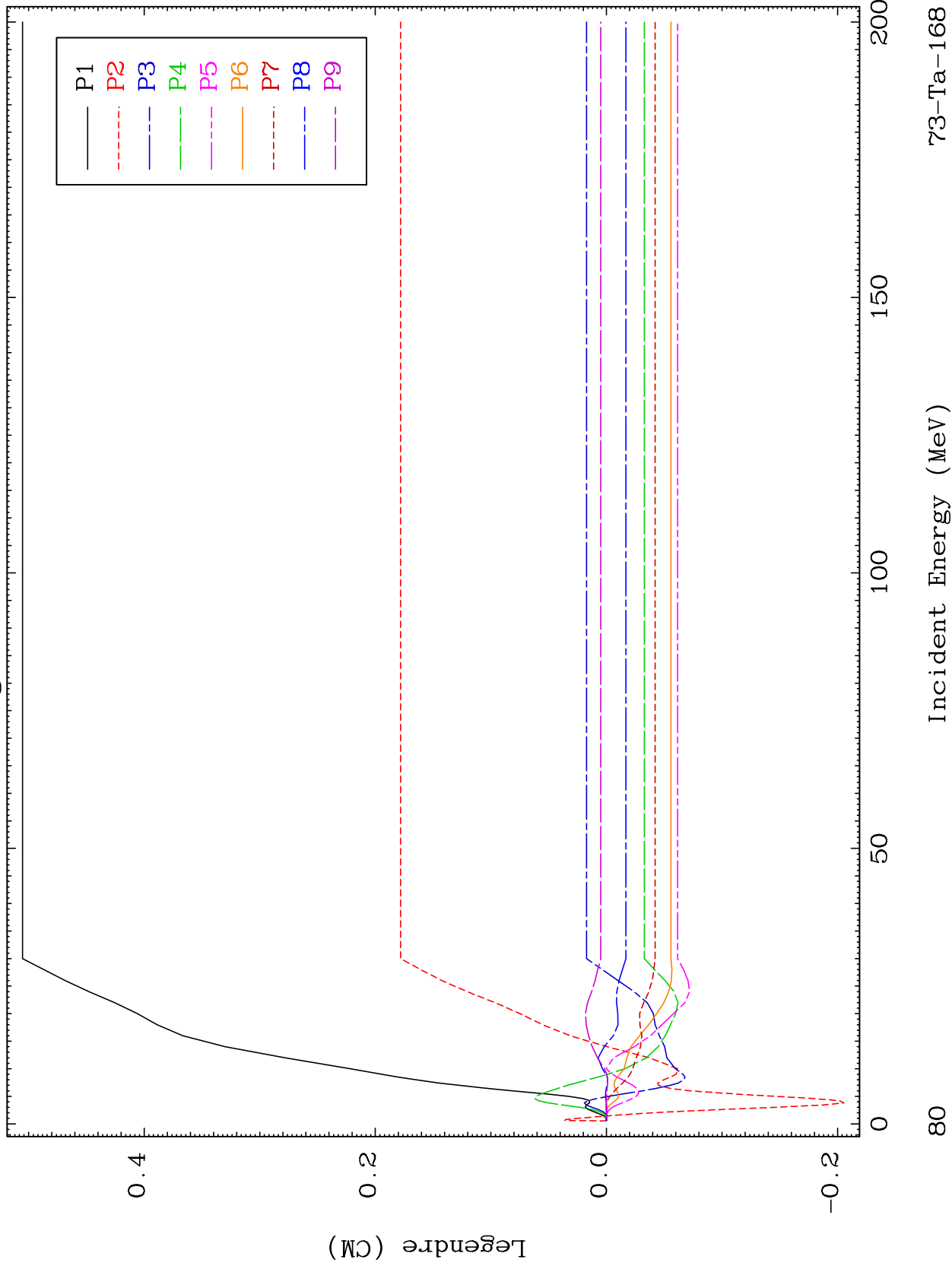
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168

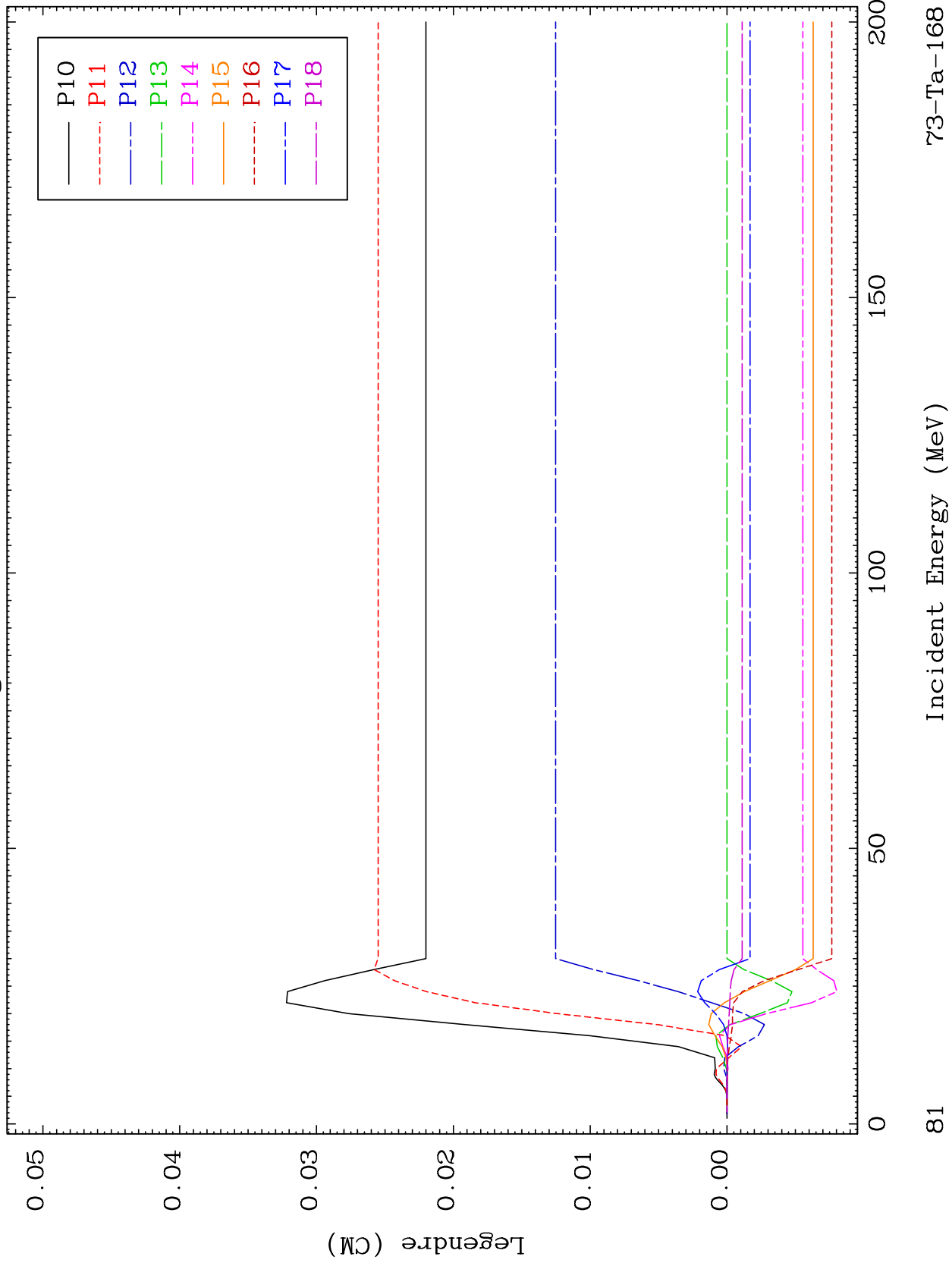


73-Ta-168

MAT 7289

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

73-Ta-168



81

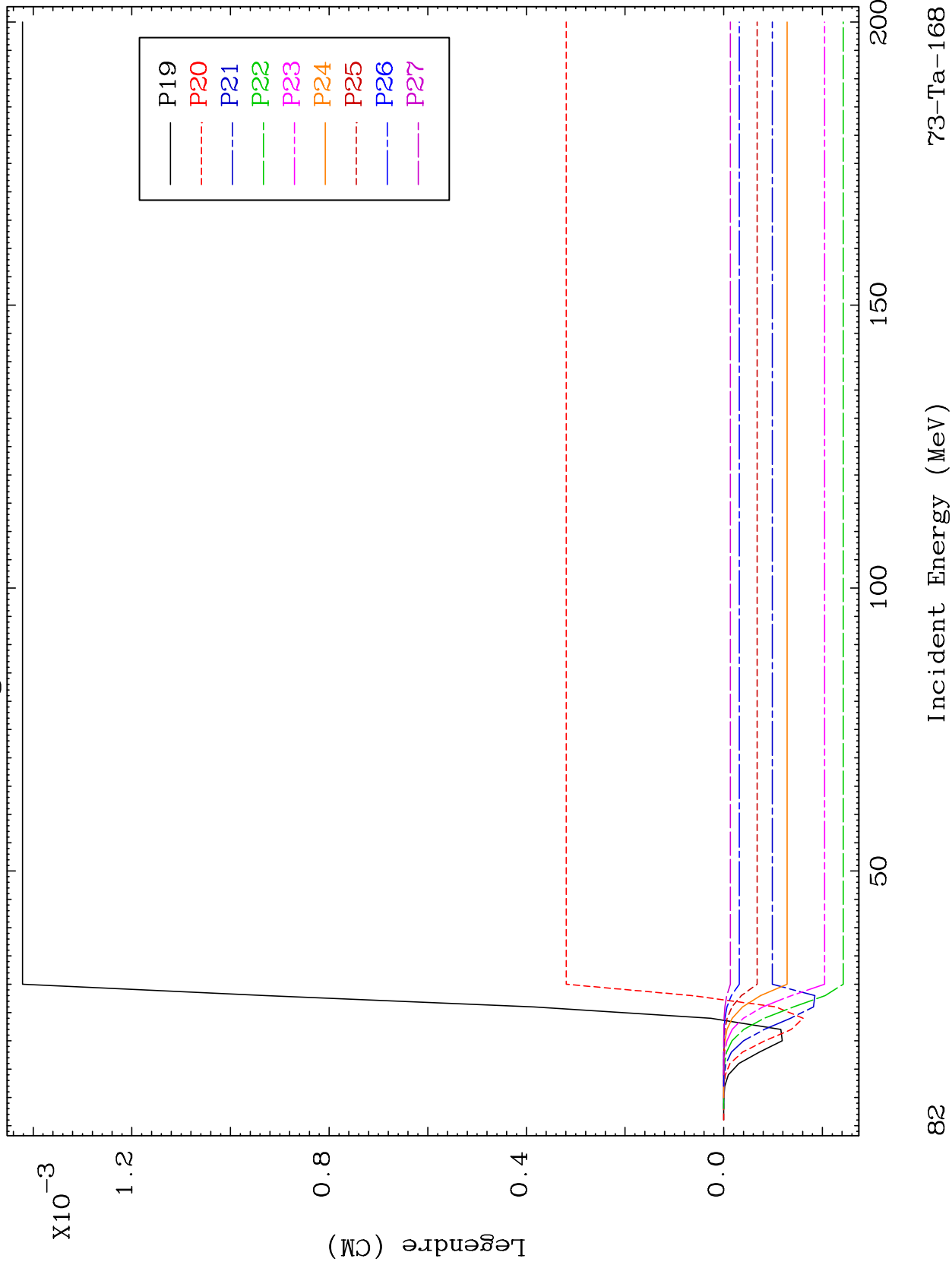
Incident Energy (MeV)

73-Ta-168

MAT 7289

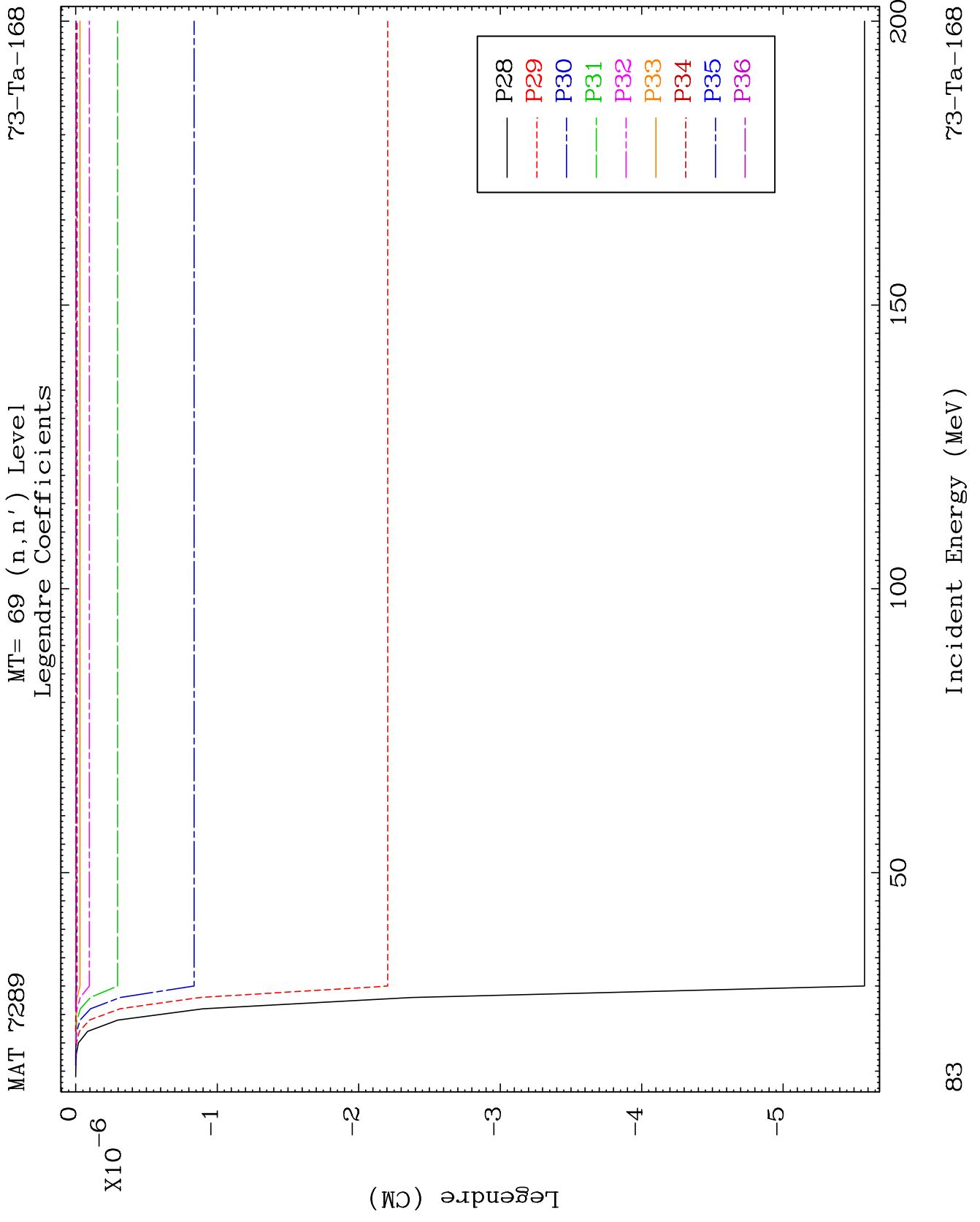
MT= 69 (n,n') Level
Legendre Coefficients

73-Ta-168



82

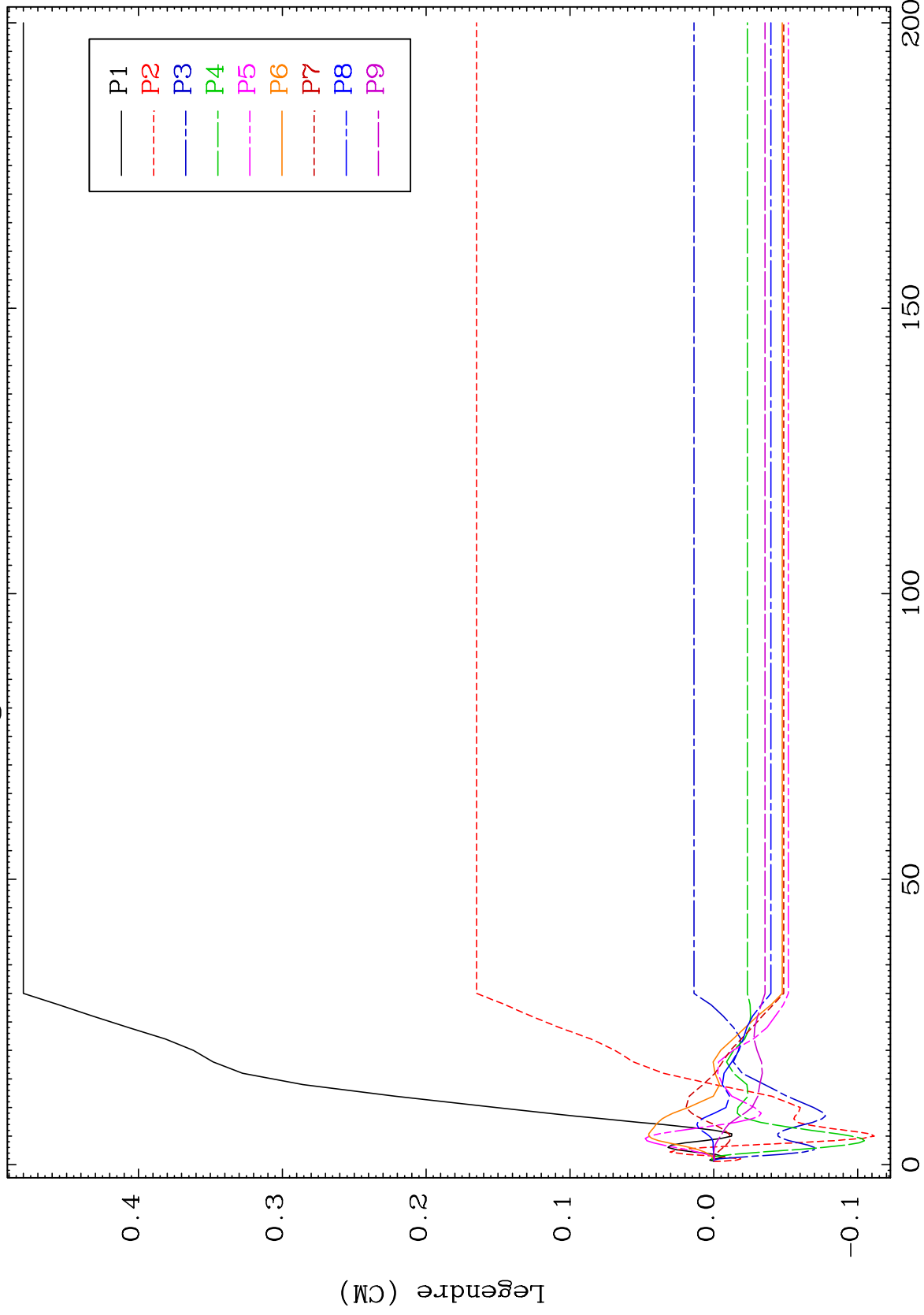
73-Ta-168



MAT 7289

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

73-Ta-168



84

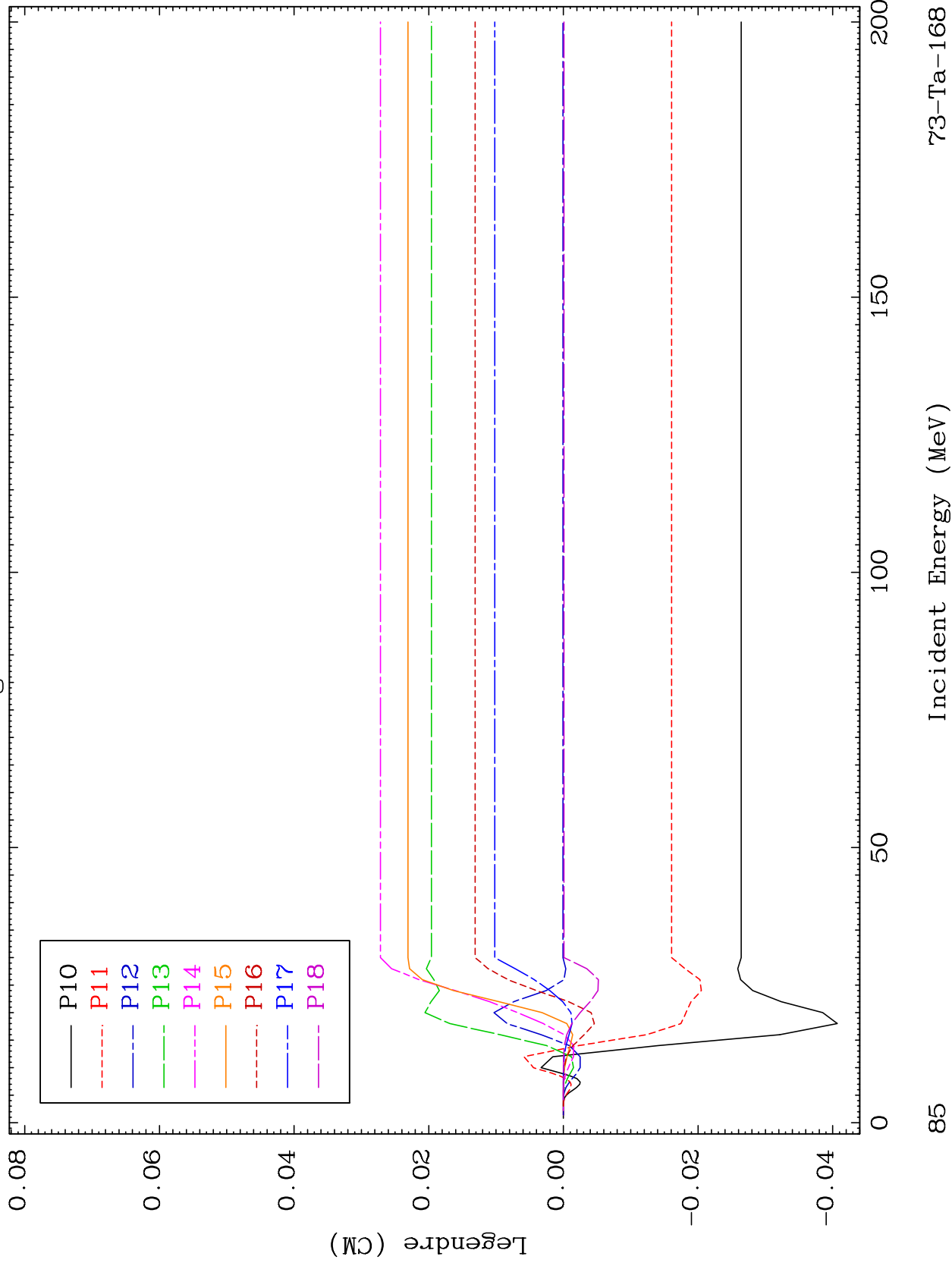
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

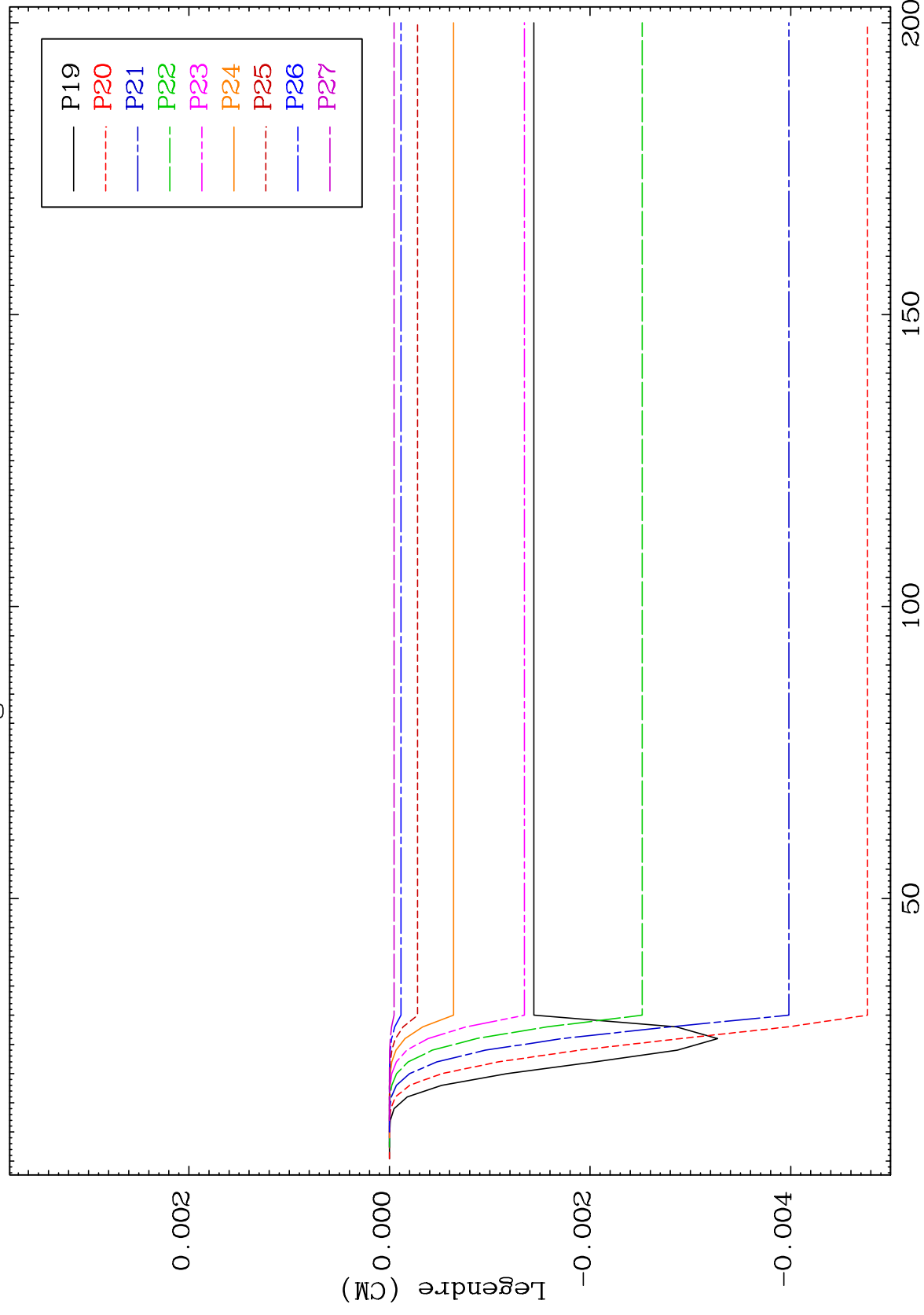
73-Ta-168

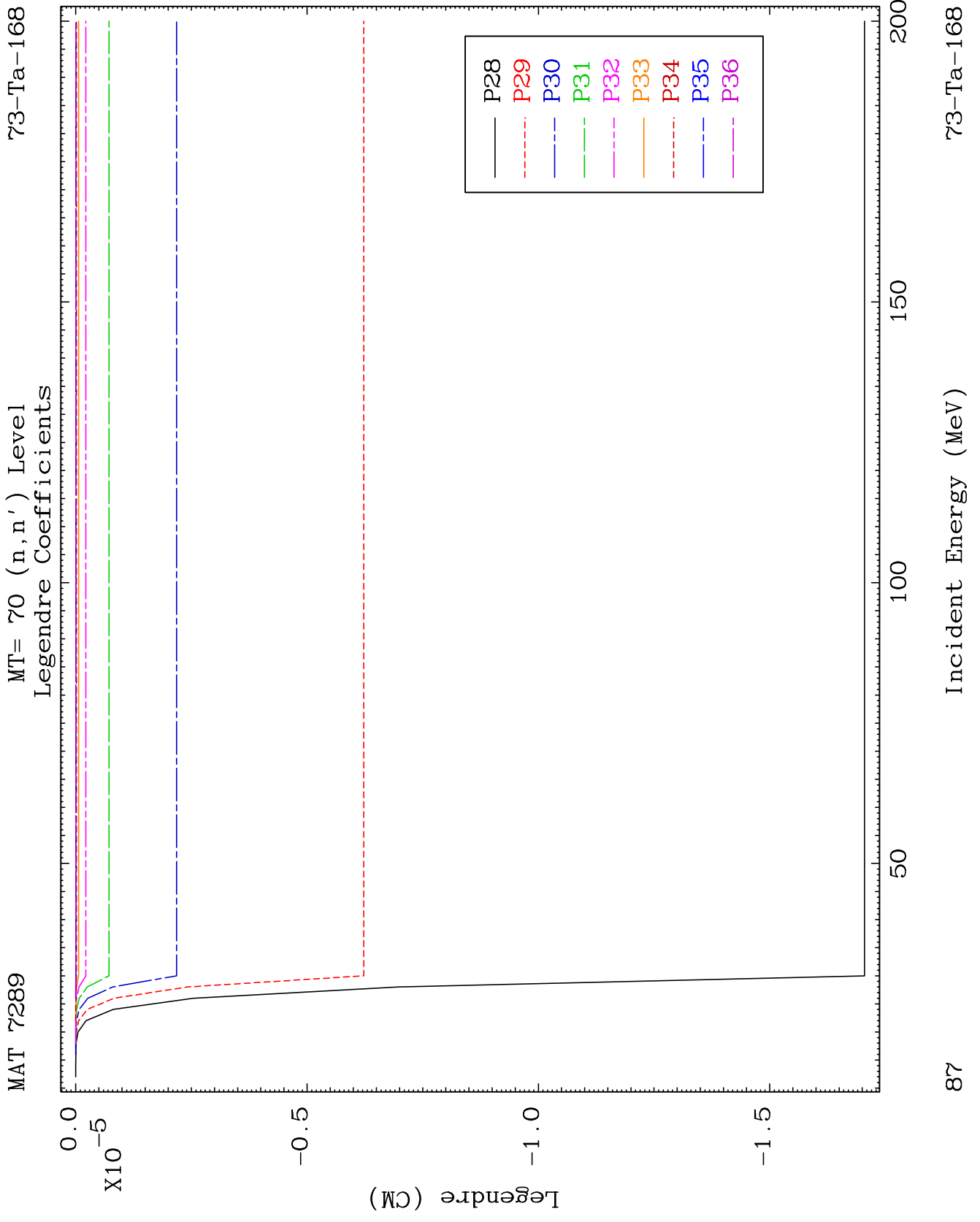


73-Ta-168

Incident Energy (MeV)

85

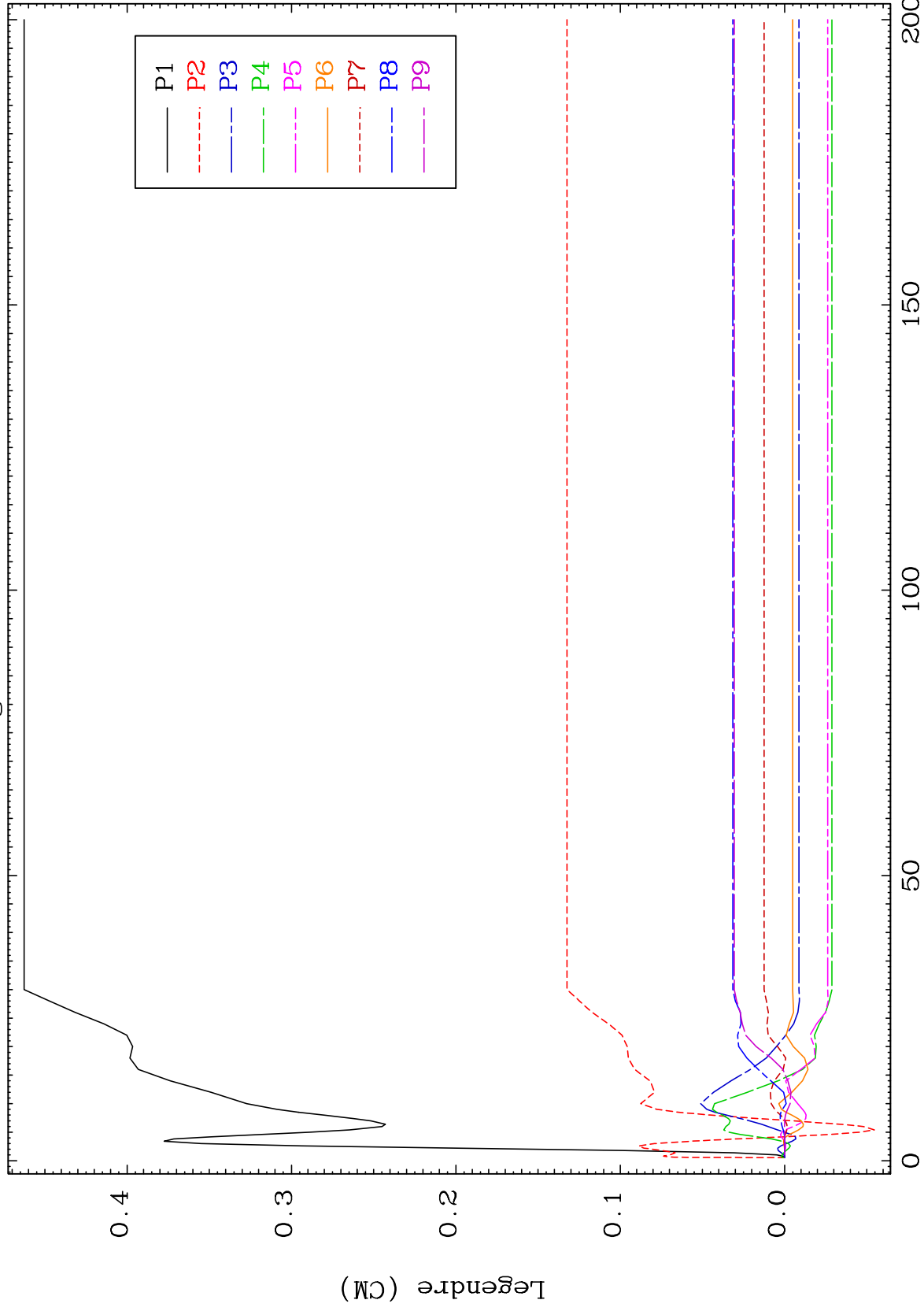




MAT 7289

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

73-Ta-168



88

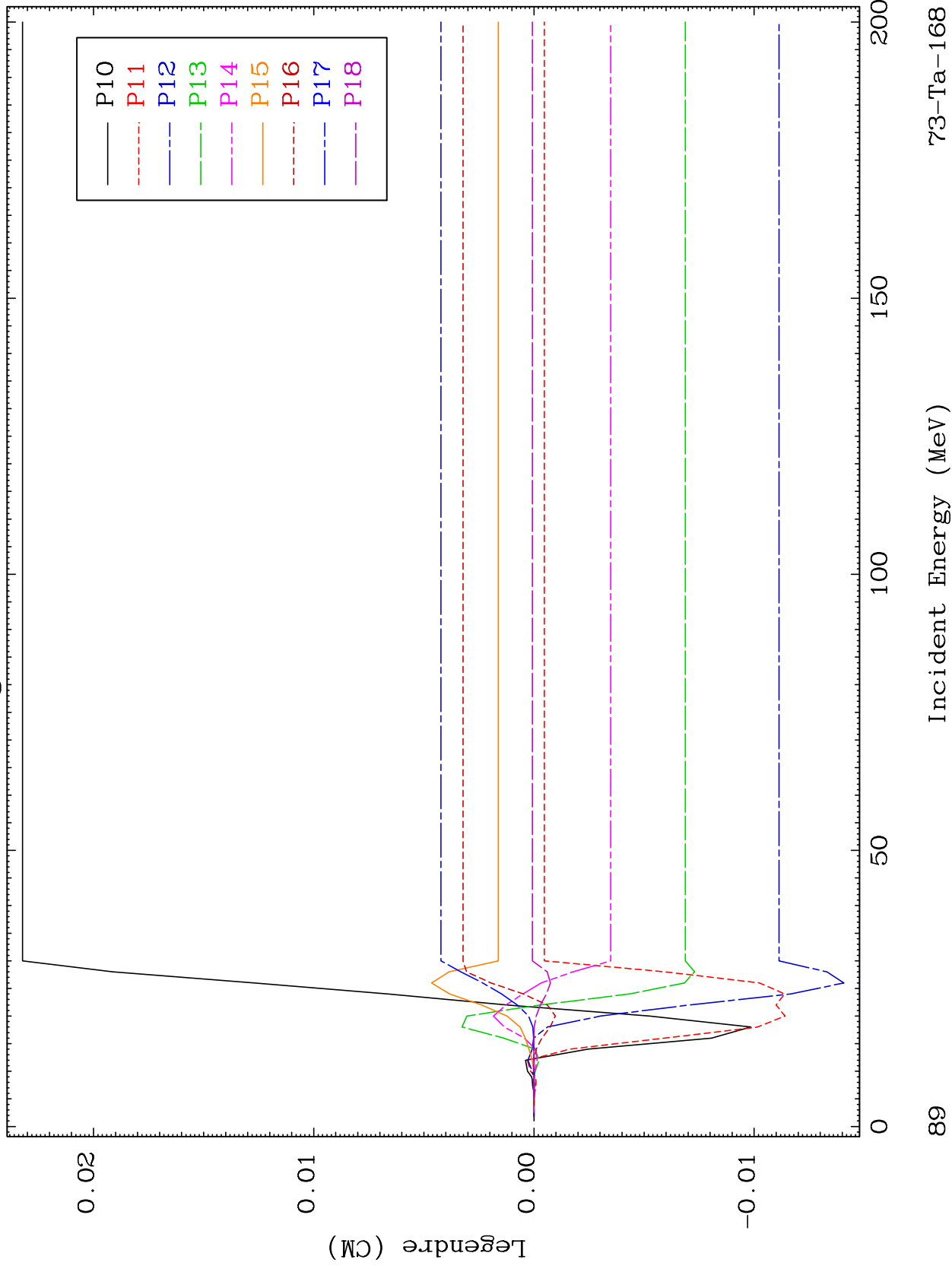
Incident Energy (MeV)

73-Ta-168

MAT 7289

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

73-Ta-168



73-Ta-168

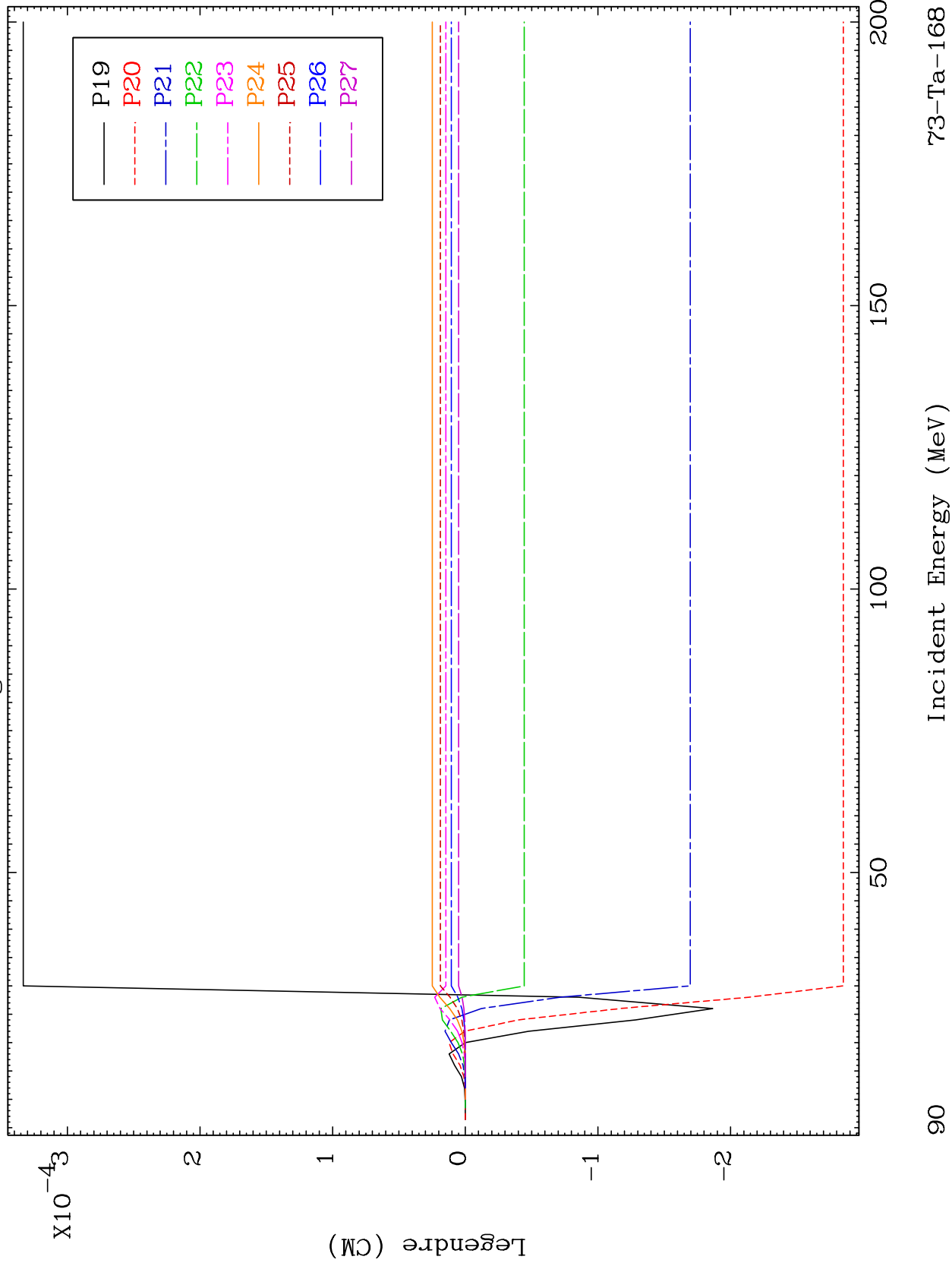
Incident Energy (MeV)

89

MAT 7289

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

73-Ta-168



90

Incident Energy (MeV)

50

100

150

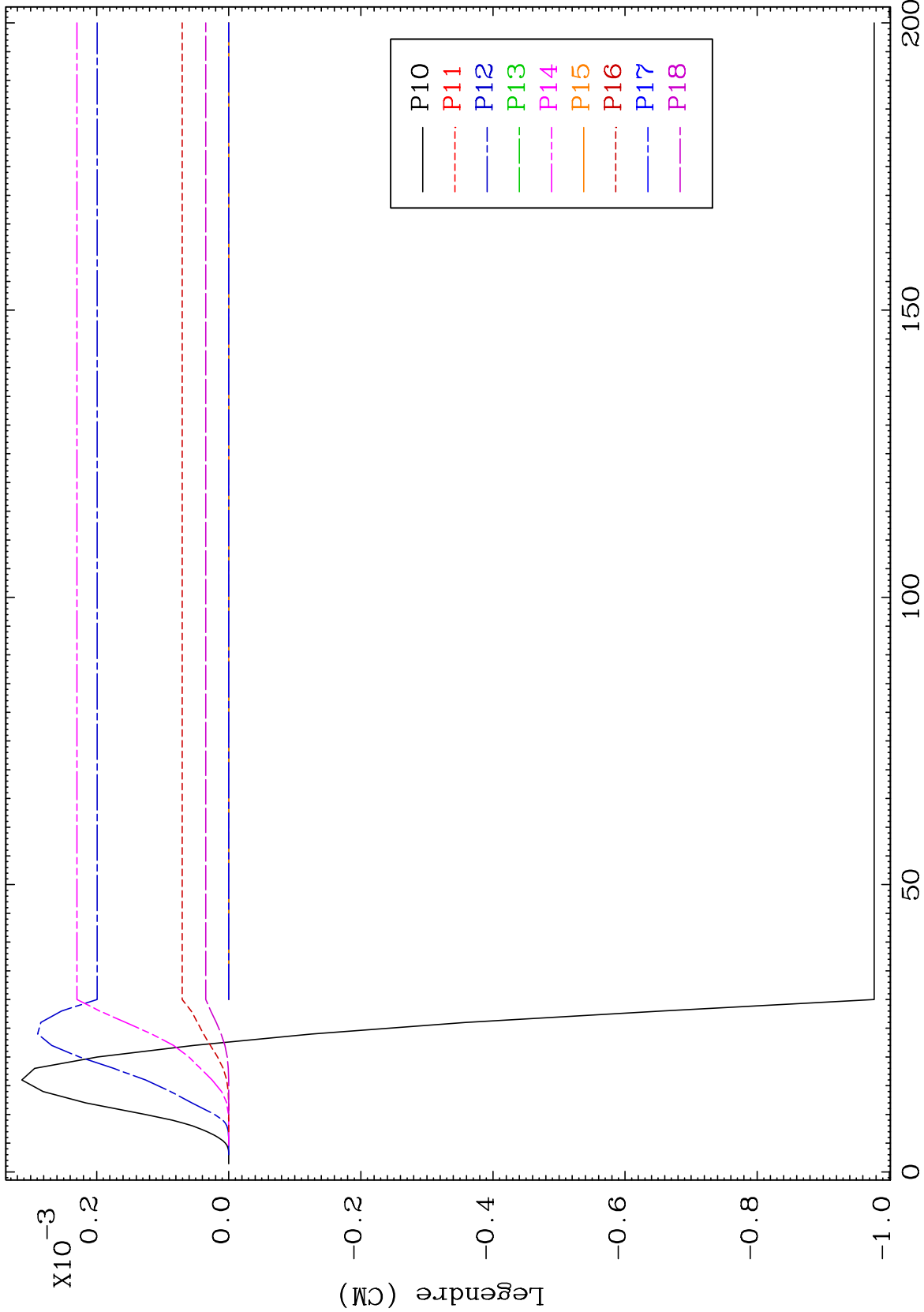
200

73-Ta-168

MAT 7289

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

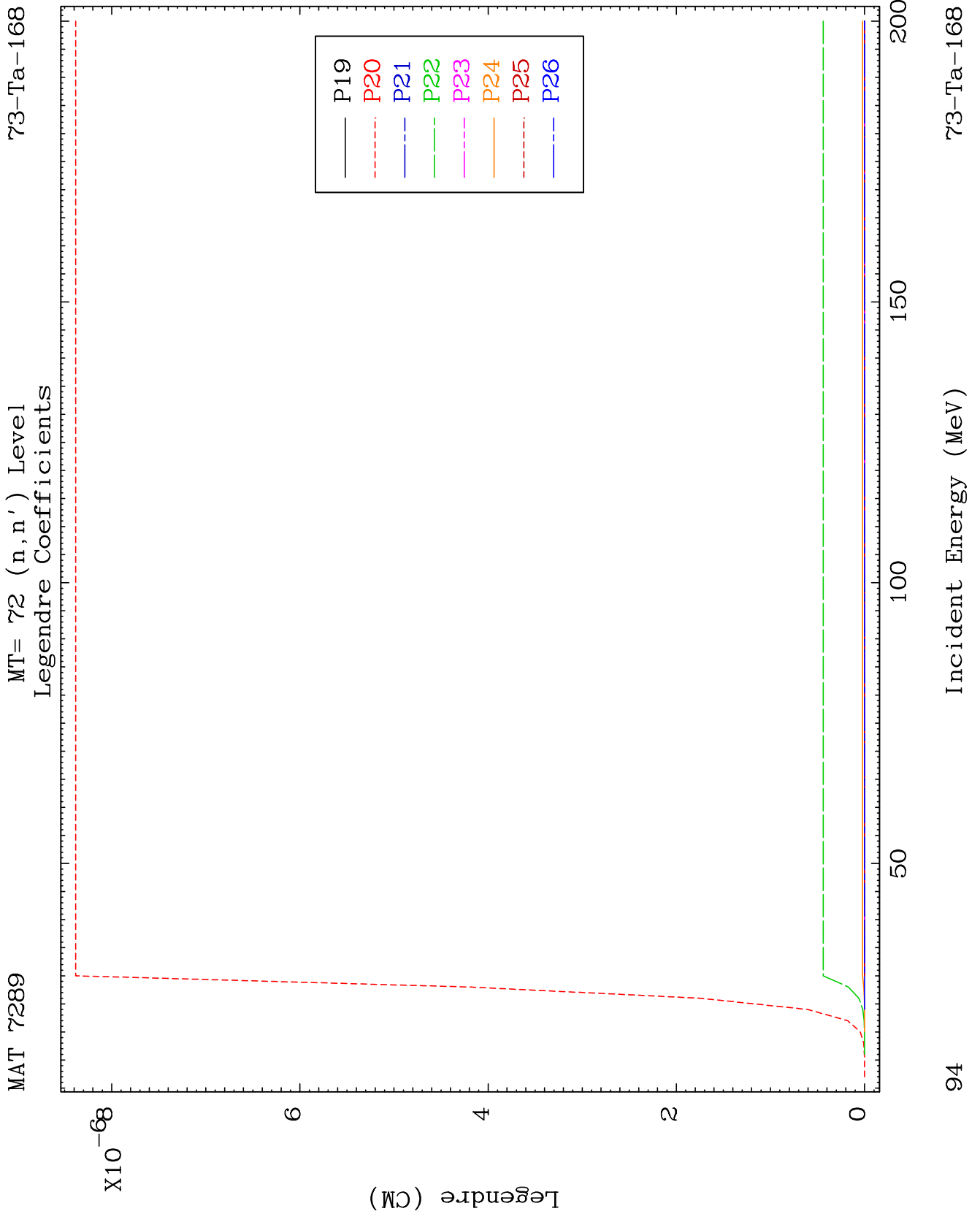
73-Ta-168



93

Incident Energy (MeV)

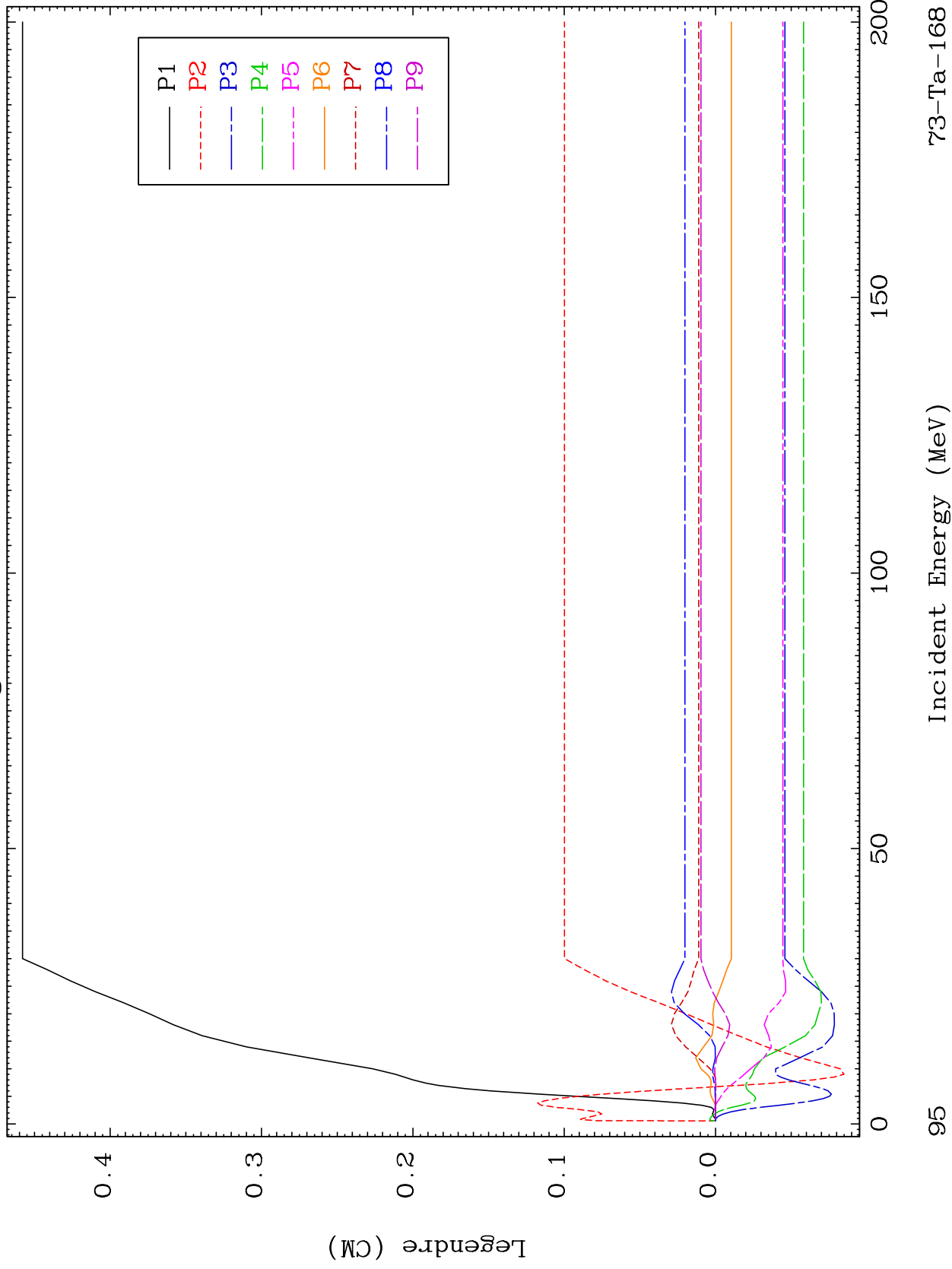
73-Ta-168



MAT 7289

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

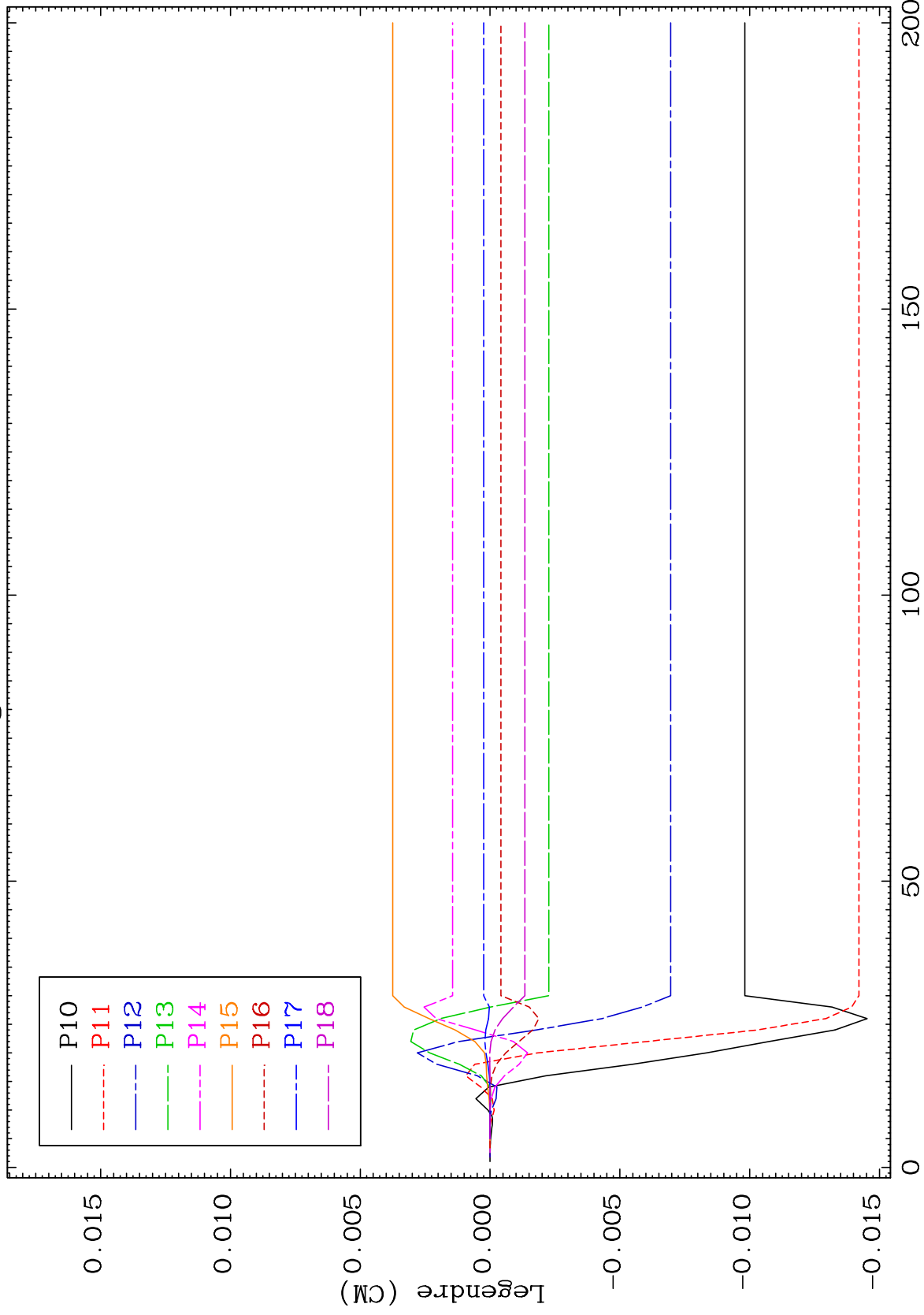
73-Ta-168

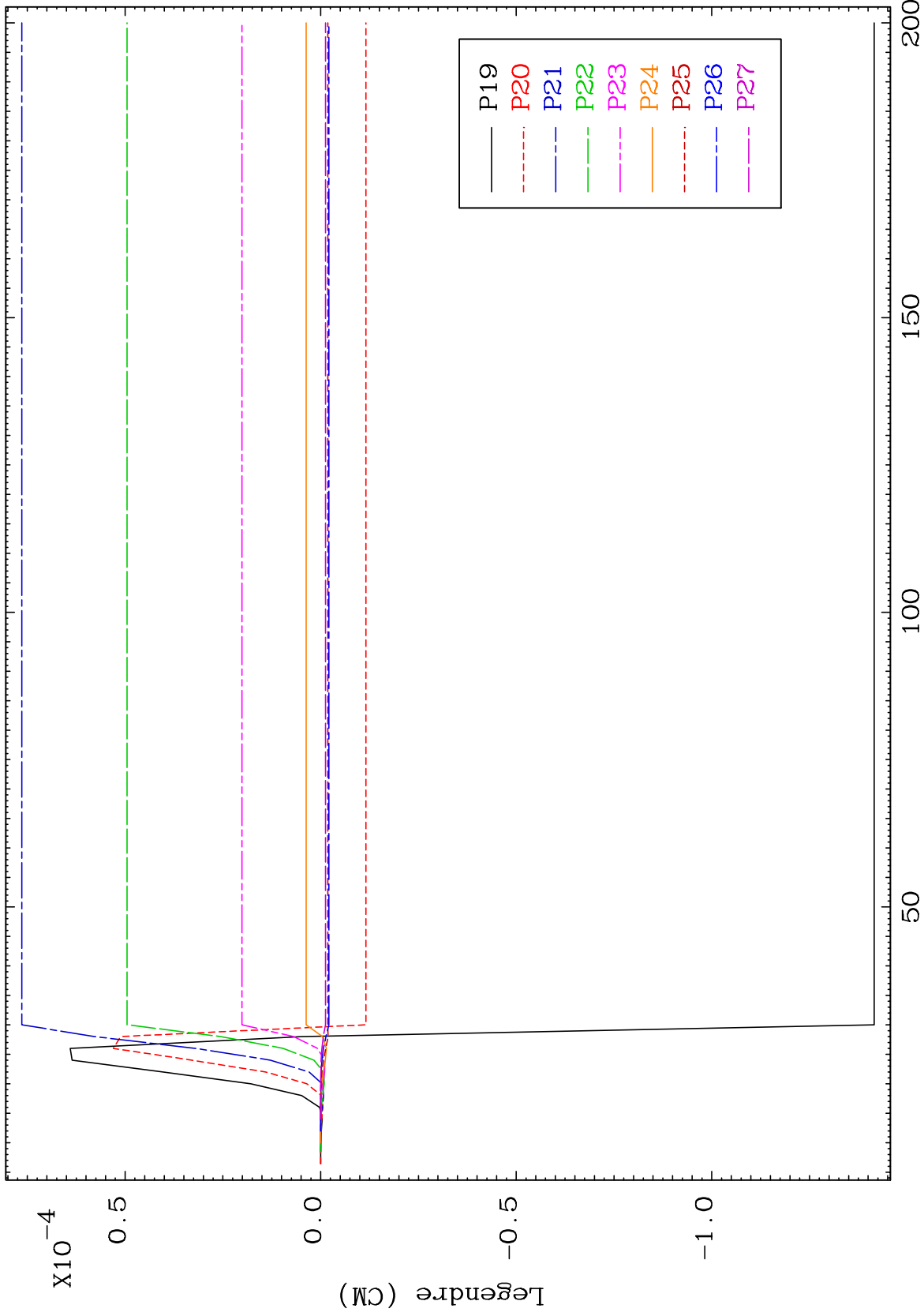


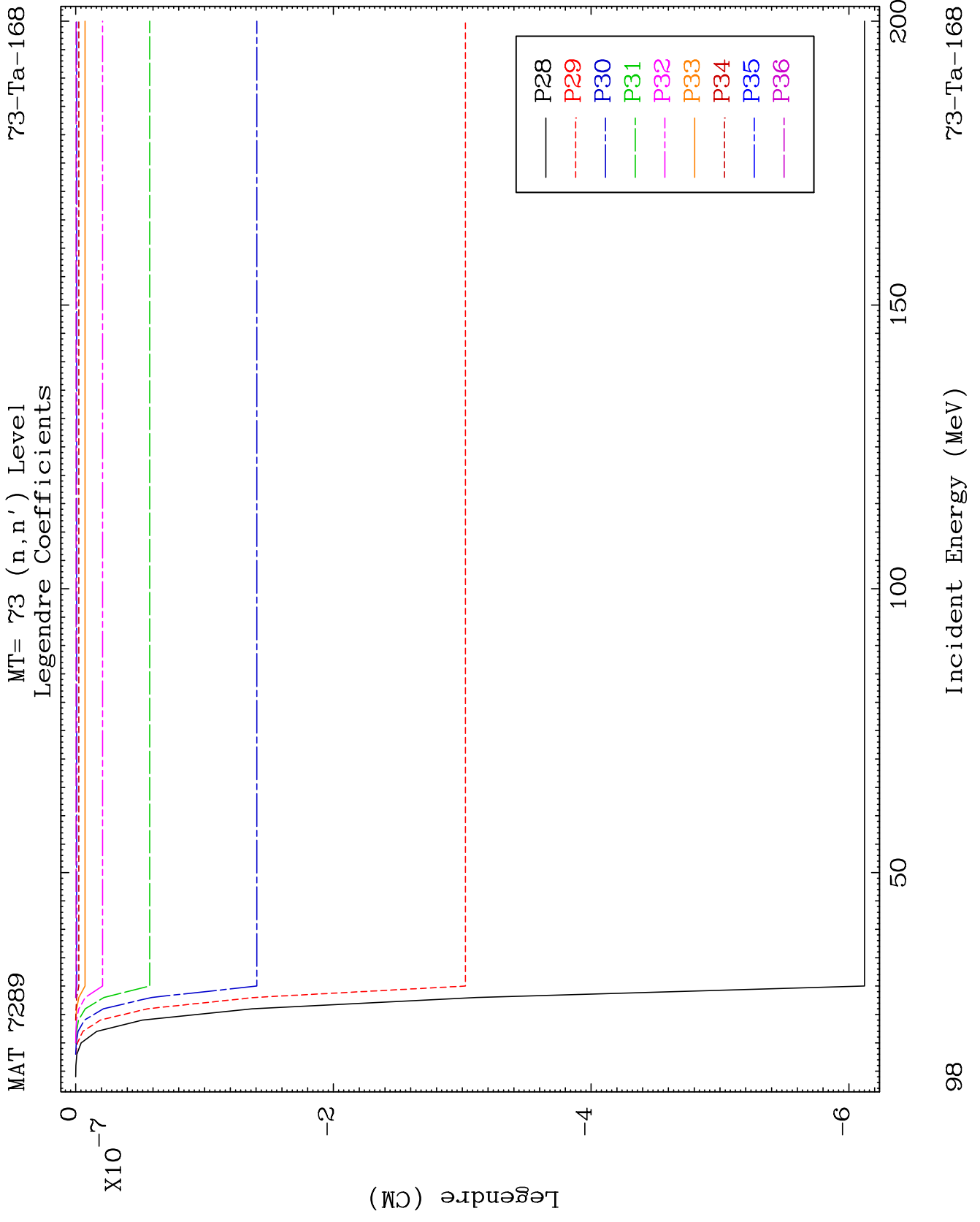
73-Ta-168

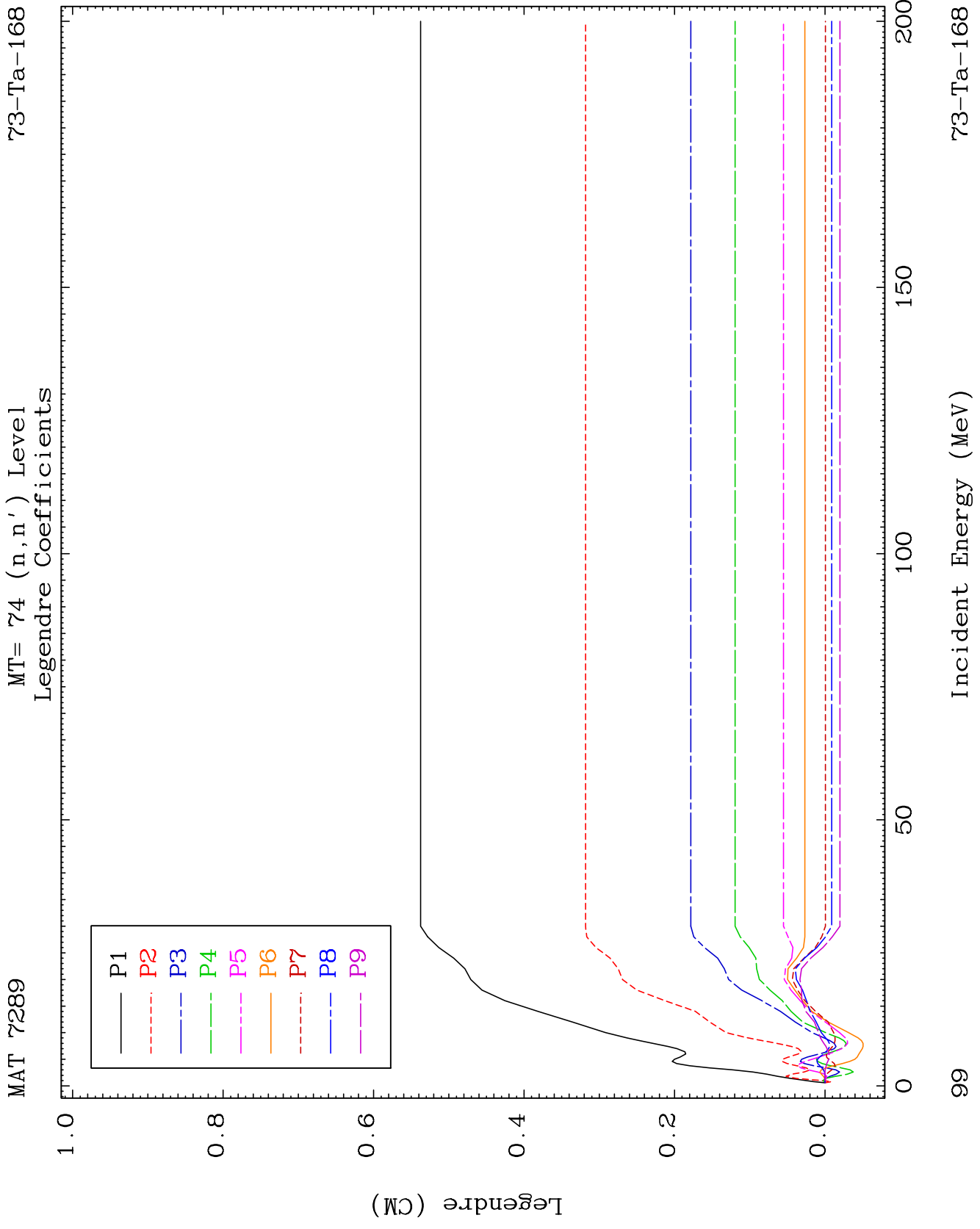
Incident Energy (MeV)

95





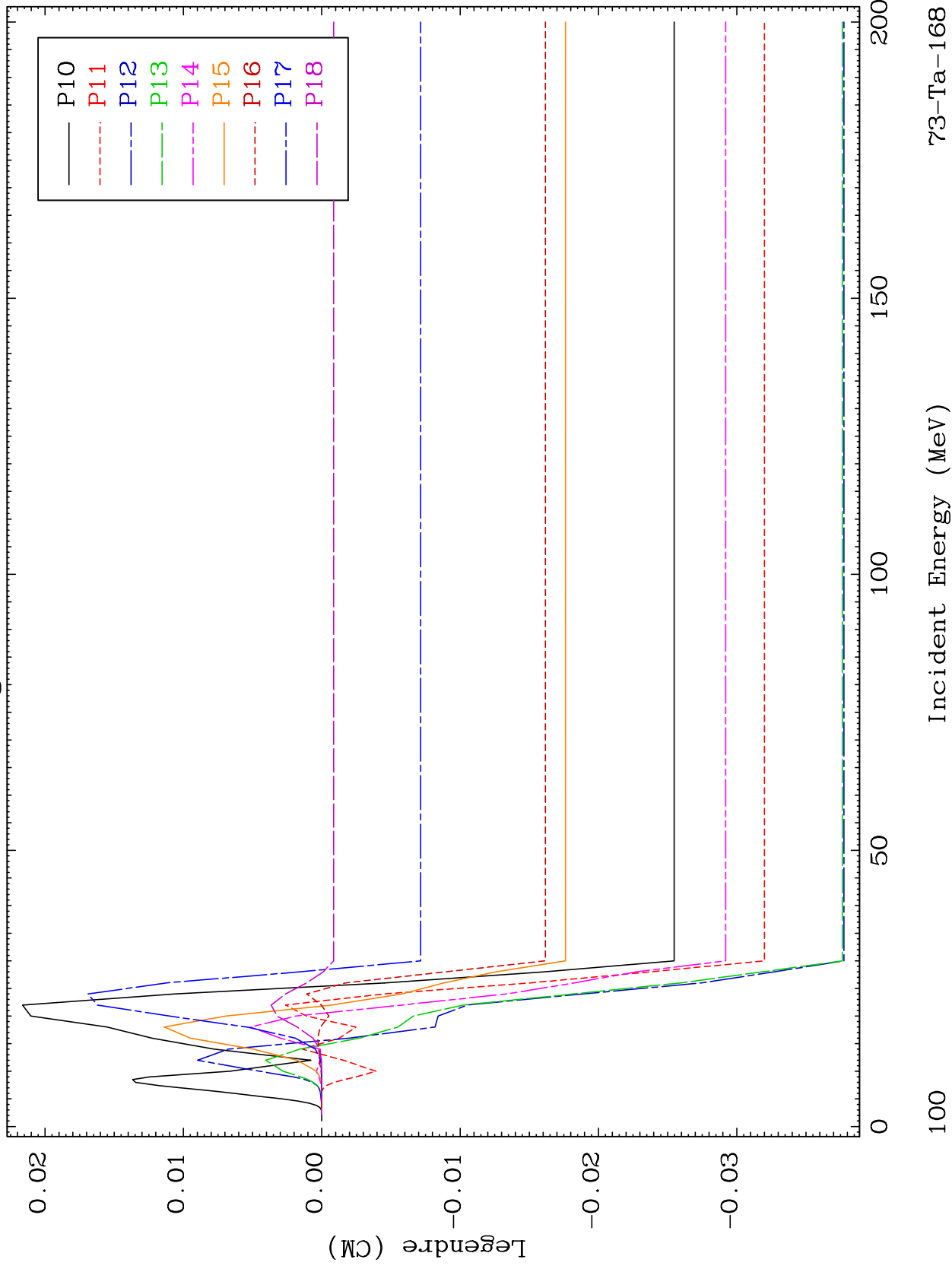




MAT 7289

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

73-Ta-168



73-Ta-168

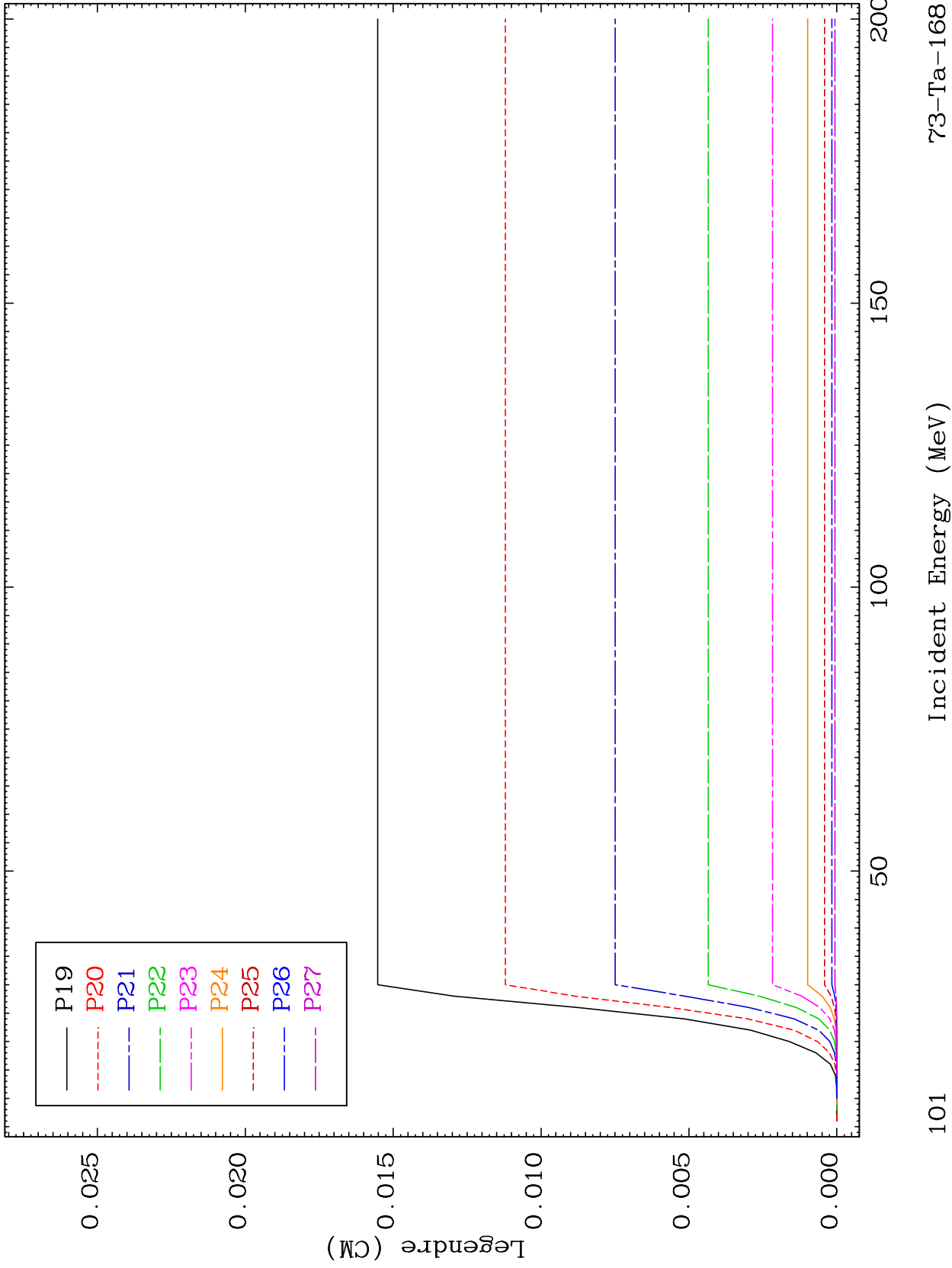
Incident Energy (MeV)

100

MAT 7289

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

⁷³Ta-168



101

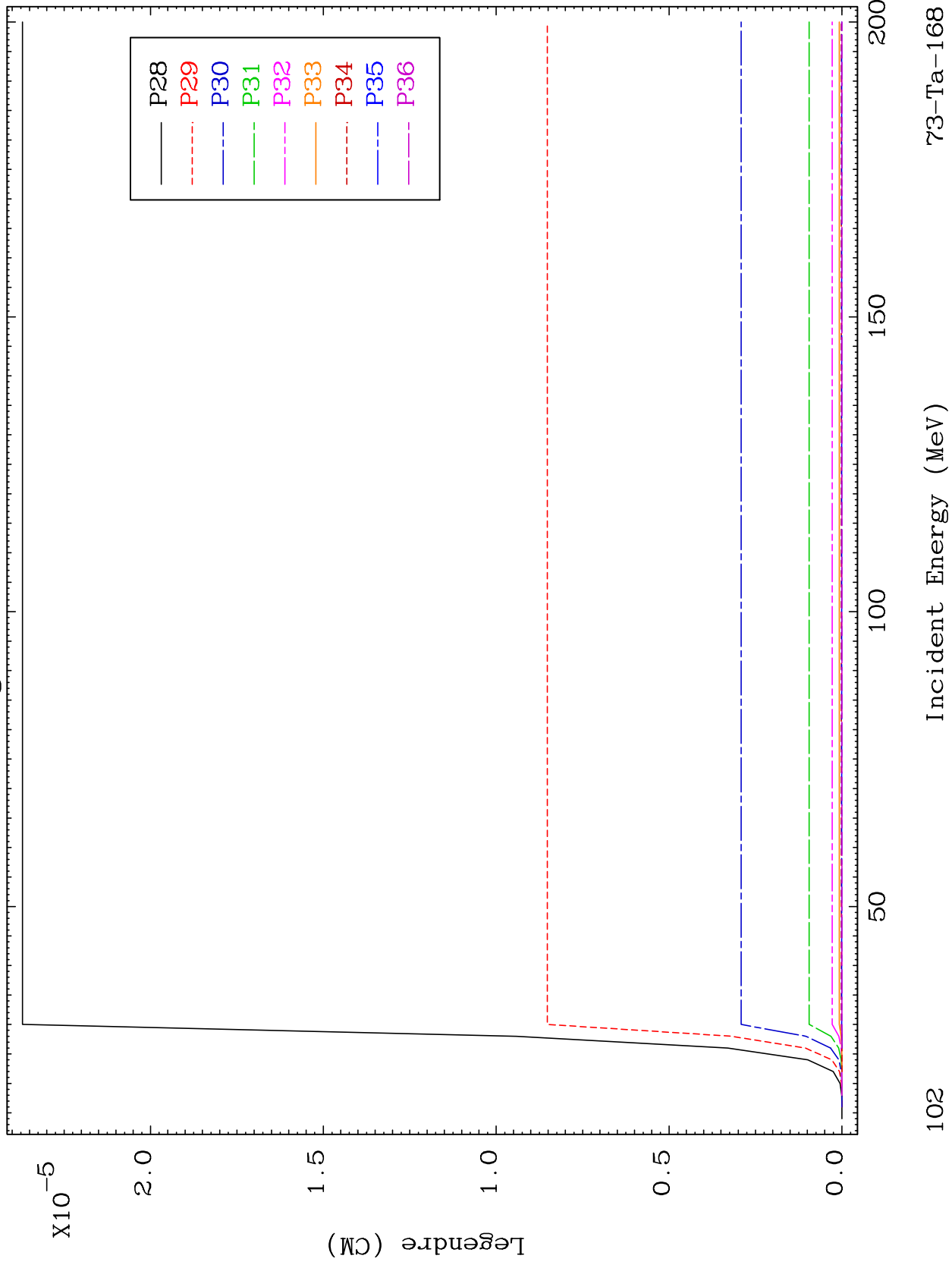
Incident Energy (MeV)

⁷³Ta-168

MAT 7289

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

73-Ta-168



102

Incident Energy (MeV)

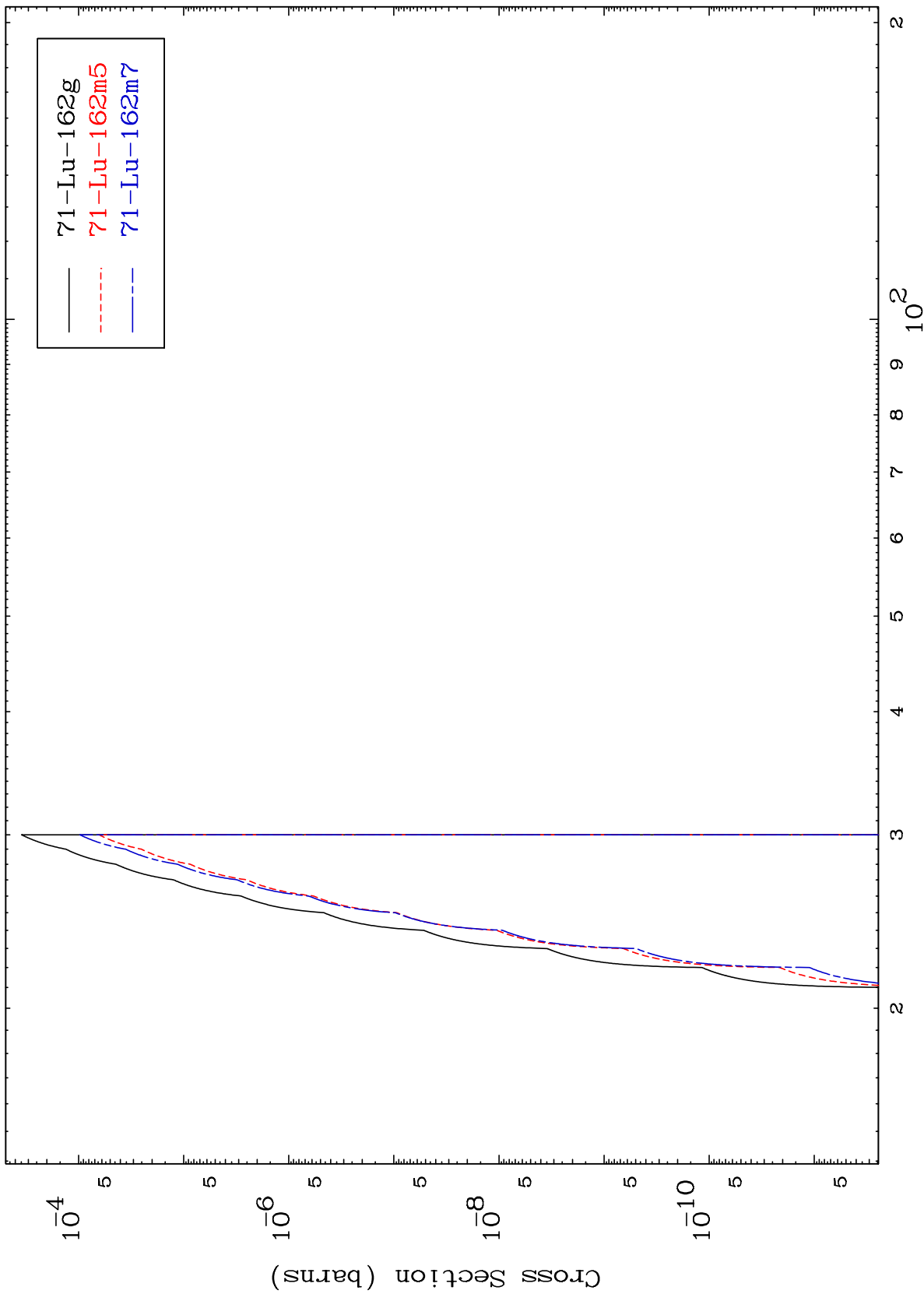
73-Ta-168

MAT 7289

(n,3n) α

73-Ta-168

Radionuclide Production Cross Section



103

Incident Energy (MeV)

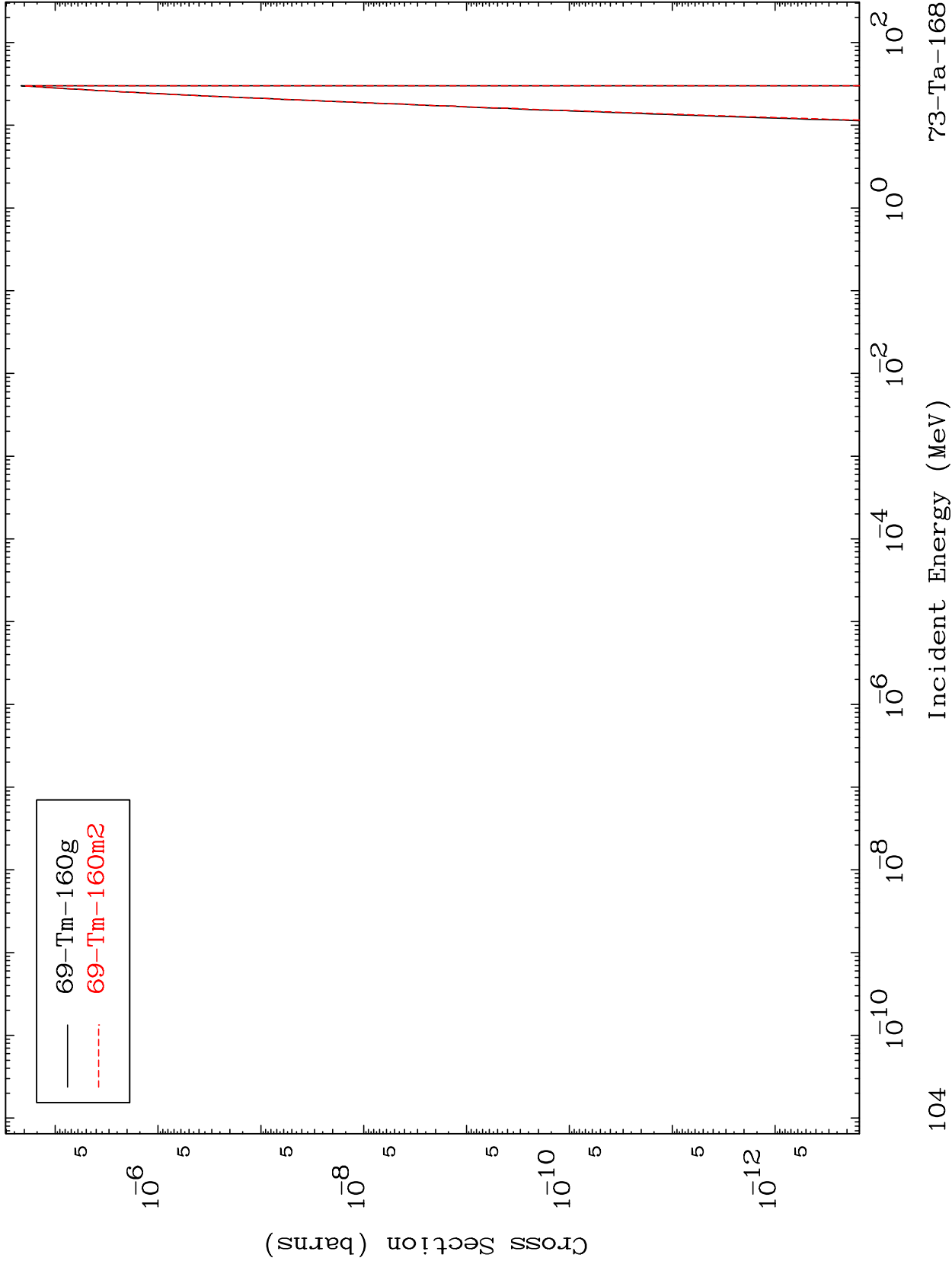
73-Ta-168

MAT 7289

(n,n') 2α

73-Ta-168

Radionuclide Production Cross Section

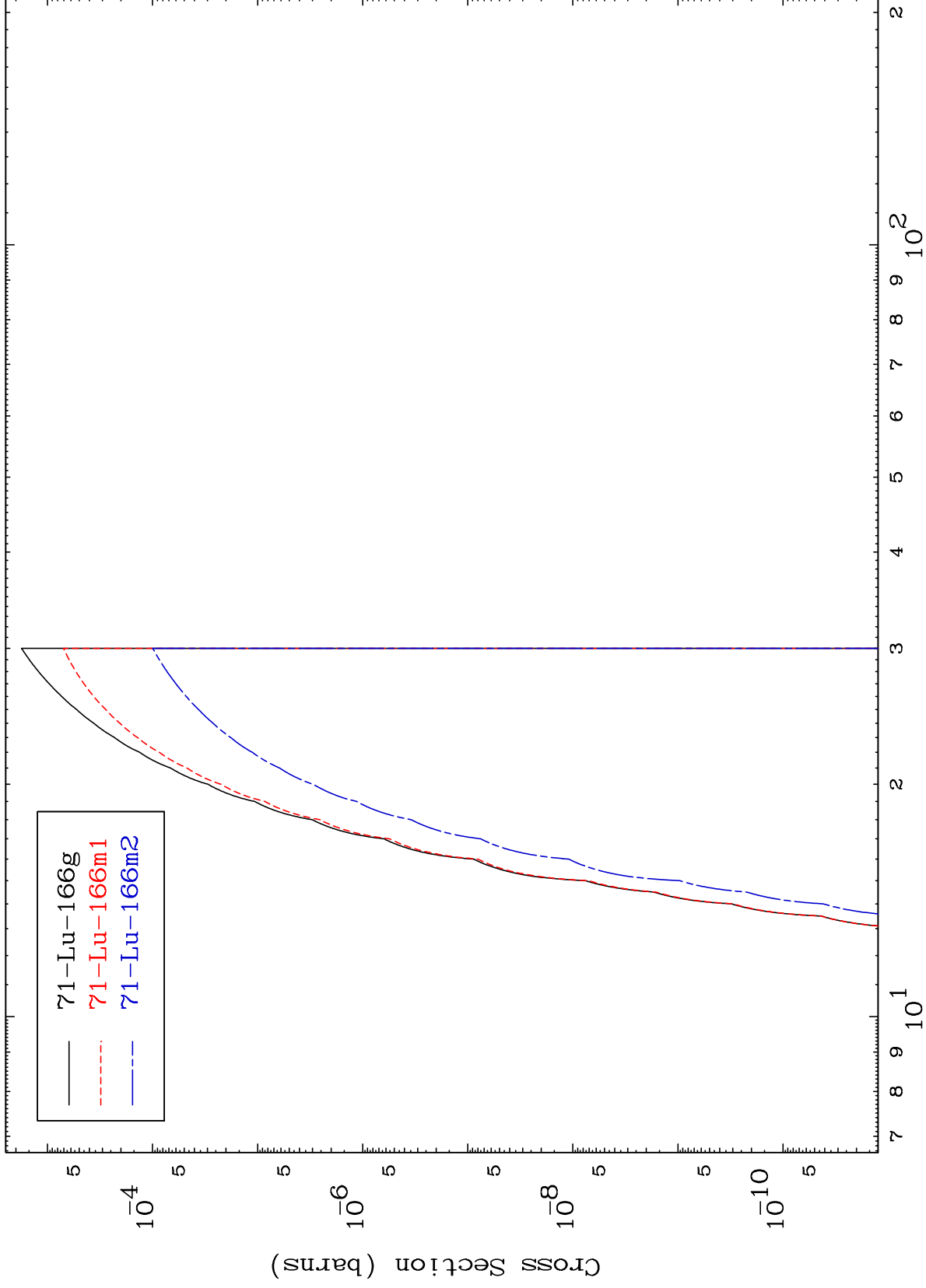


MAT 7289

(n,2n) p

73-Ta-168

Radionuclide Production Cross Section



105

Incident Energy (MeV)

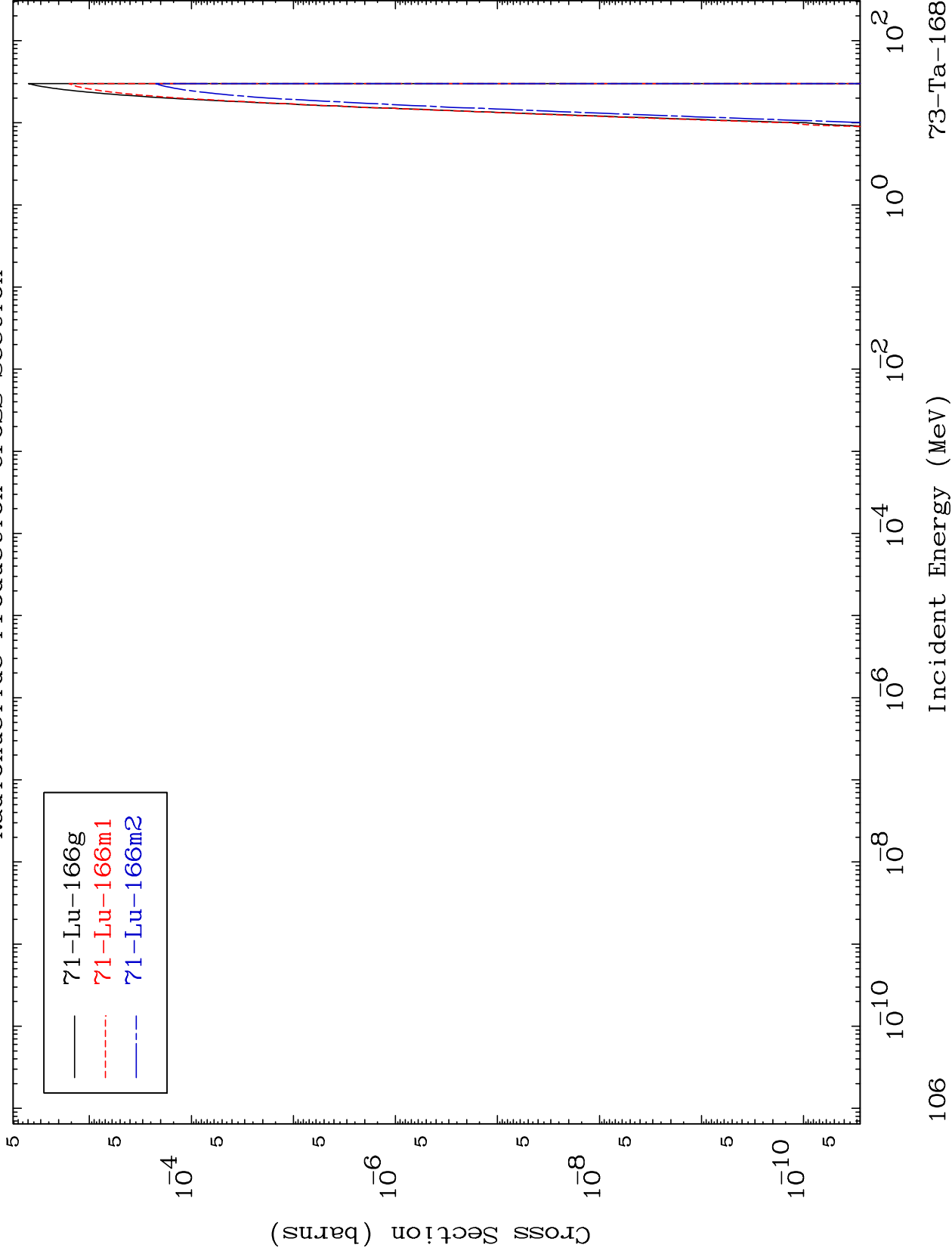
73-Ta-168

MAT 7289

(n,He-3)

73-Ta-168

Radionuclide Production Cross Section



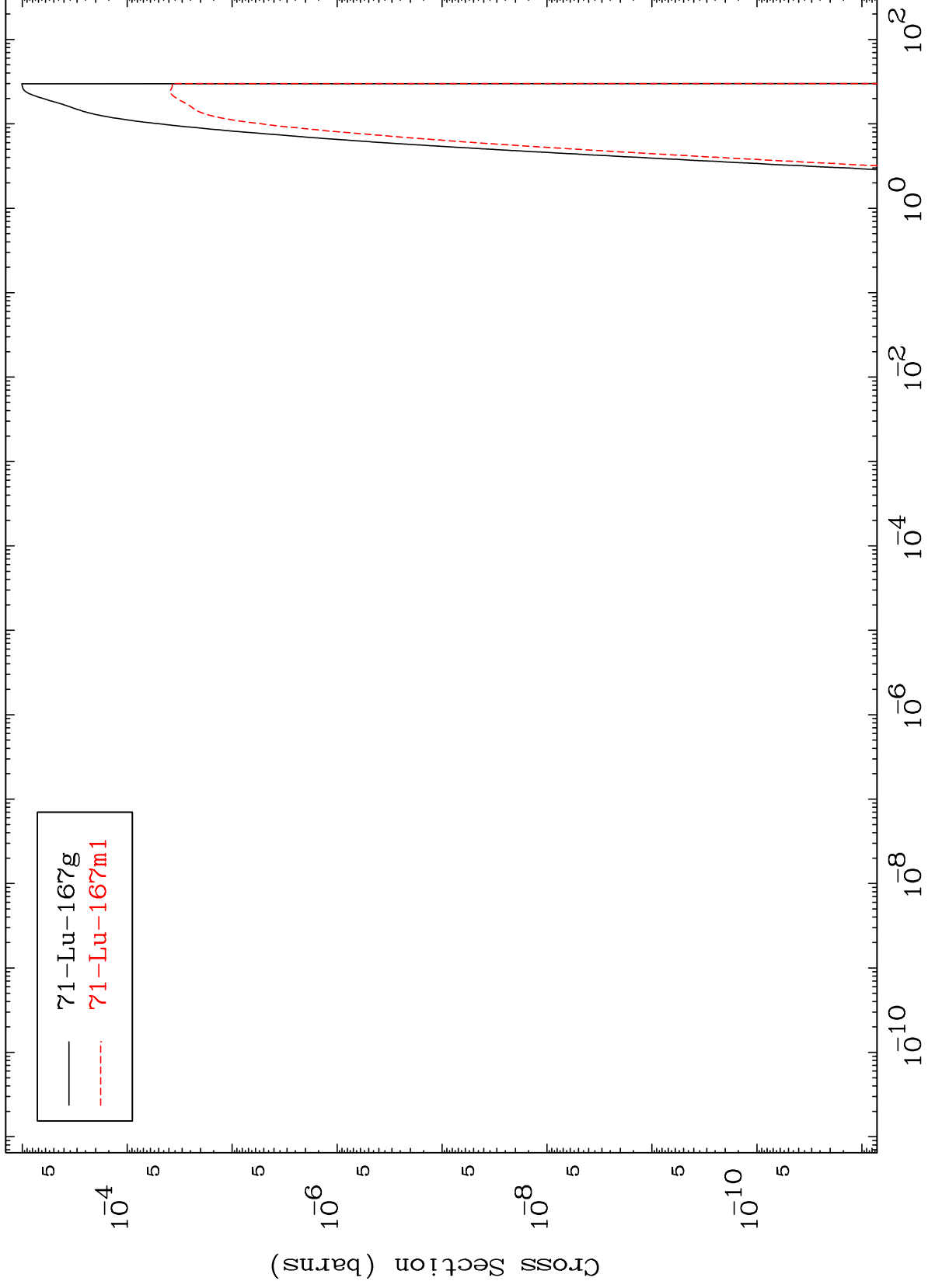
106

MAT 7289

(n,2p)

⁷³Ta-168

Radionuclide Production Cross Section



107

Incident Energy (MeV)

⁷³Ta-168

Radionuclide Production Cross Section

