

Program EVALPLOT
(Version 2021-1)

by

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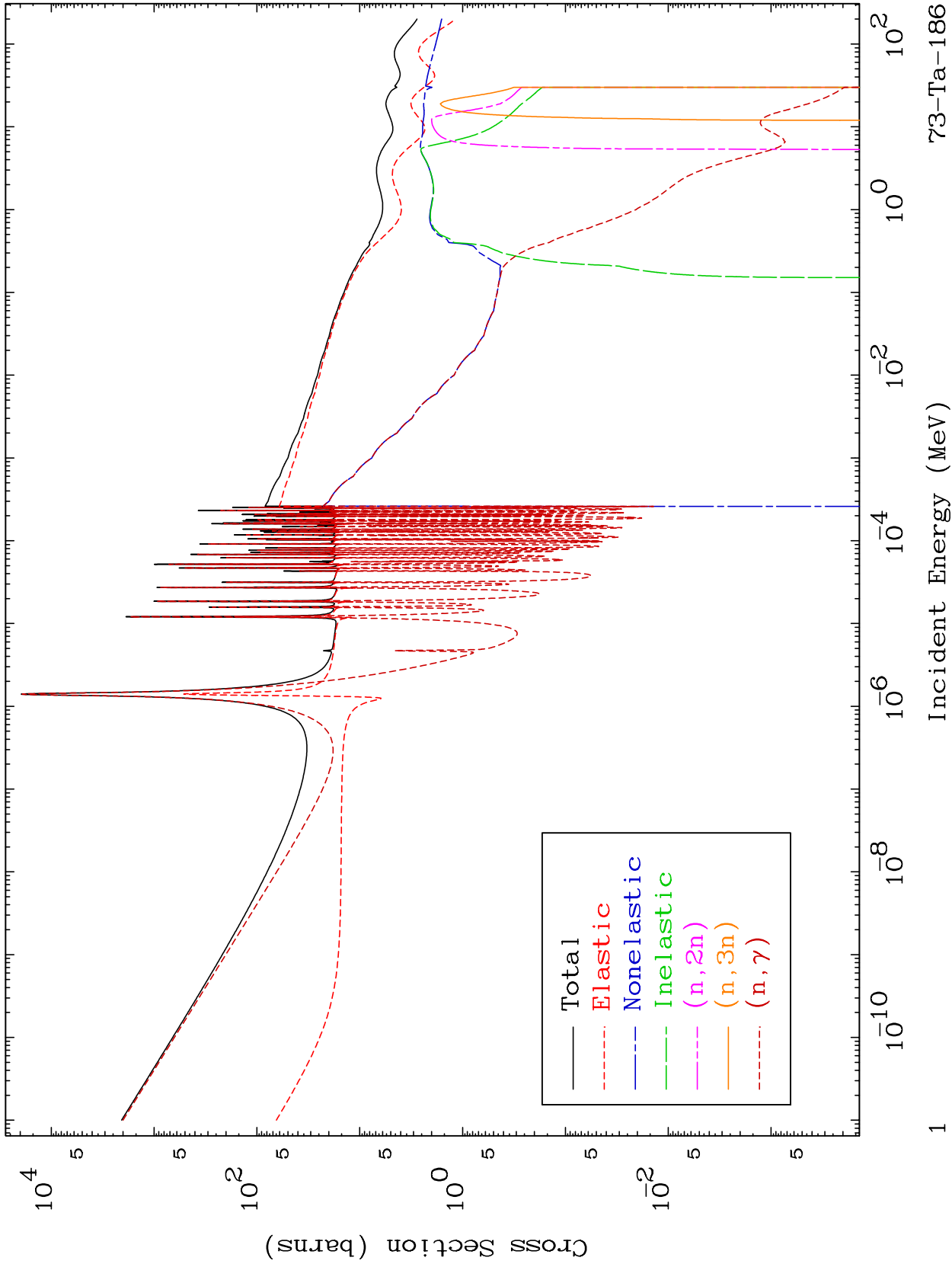
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7343

Neutron Major
293 Kelvin Cross Sections

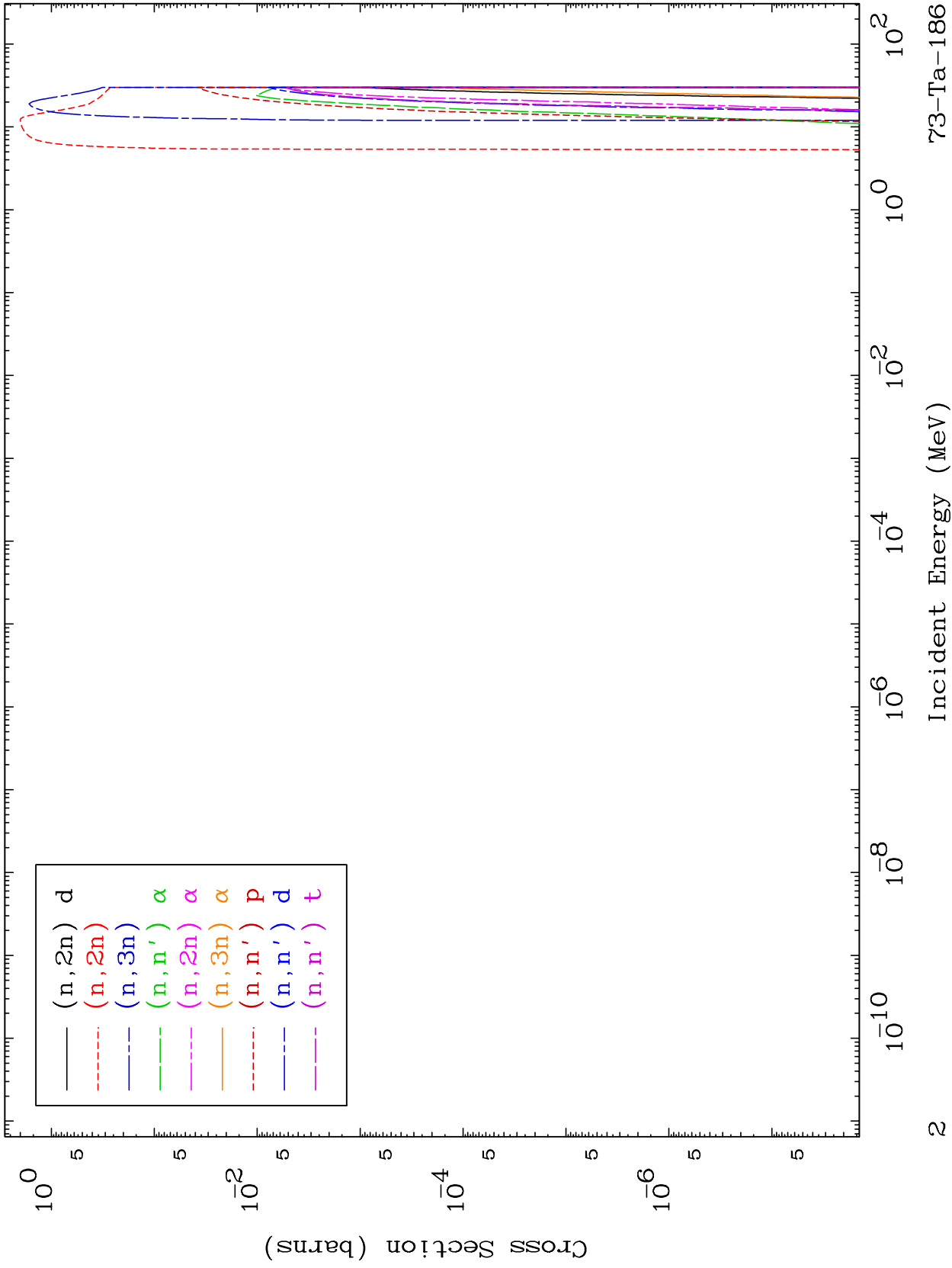
73-Ta-186



MAT 7343

Neutron Absorption
293 Kelvin Cross Sections

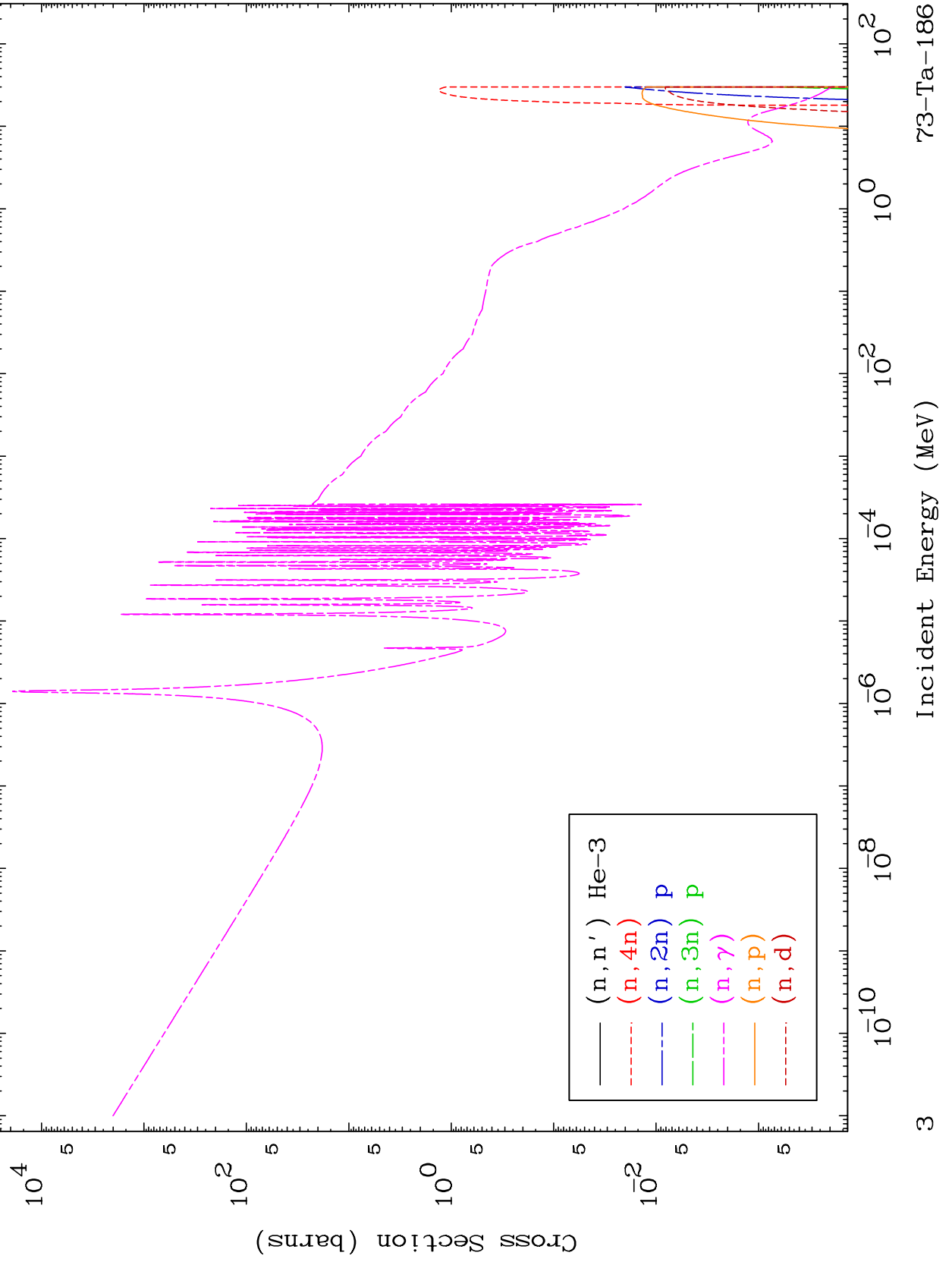
73-Ta-186



MAT 7343

Neutron Absorption
293 Kelvin Cross Sections

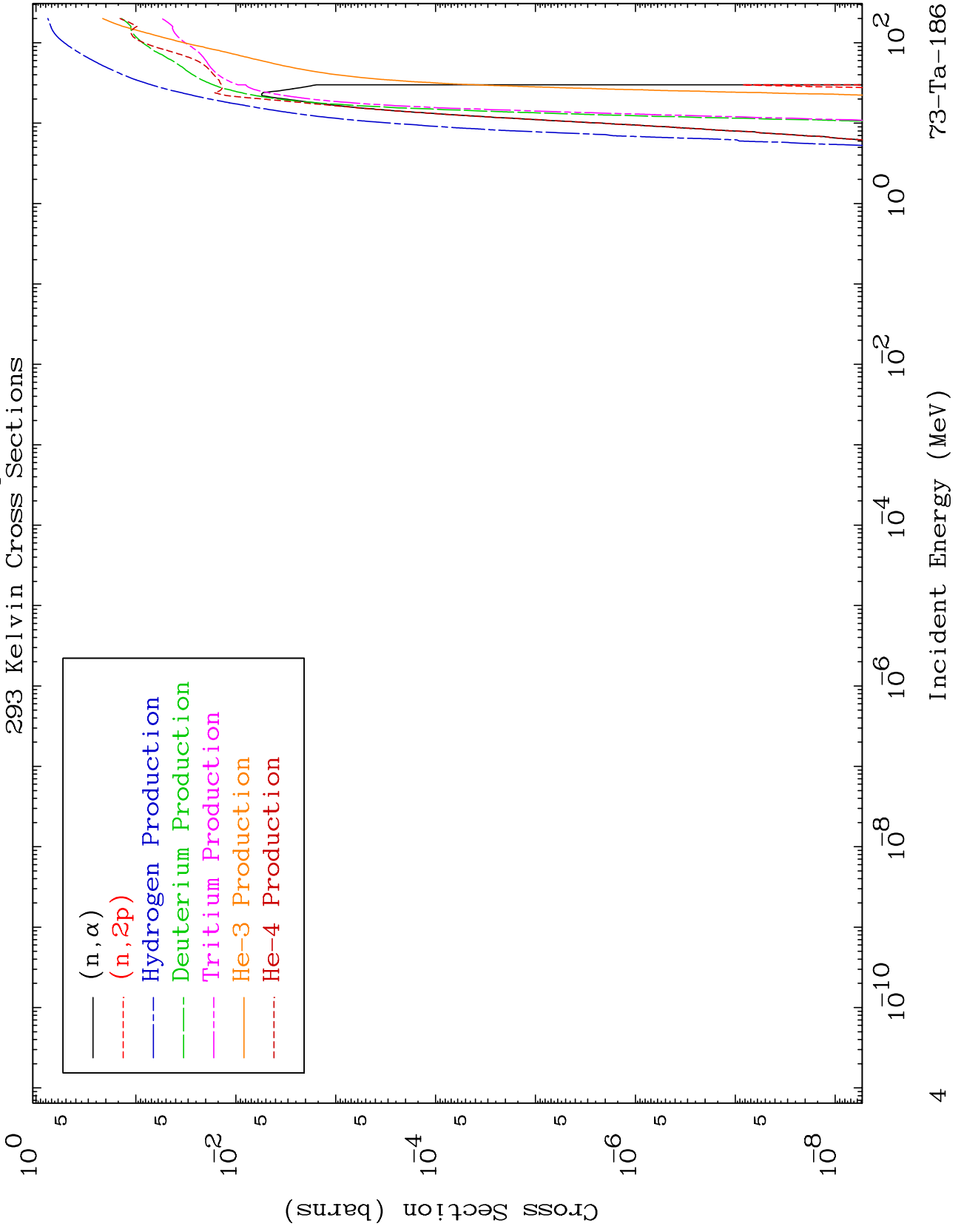
73-Ta-186



MAT 7343

Neutron Absorption
293 Kelvin Cross Sections

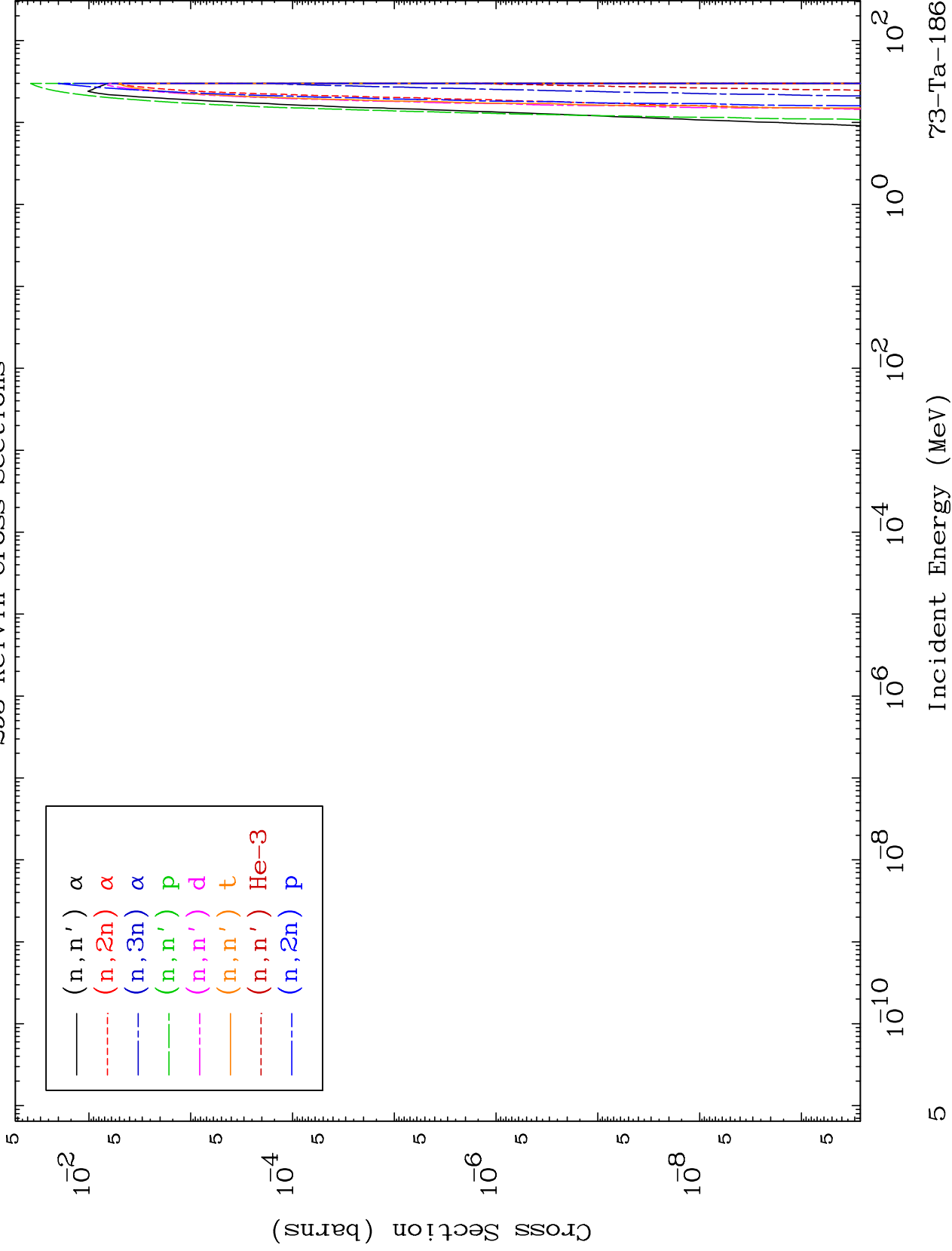
⁷³Ta-186



MAT 7343

Charged Particle
293 Kelvin Cross Sections

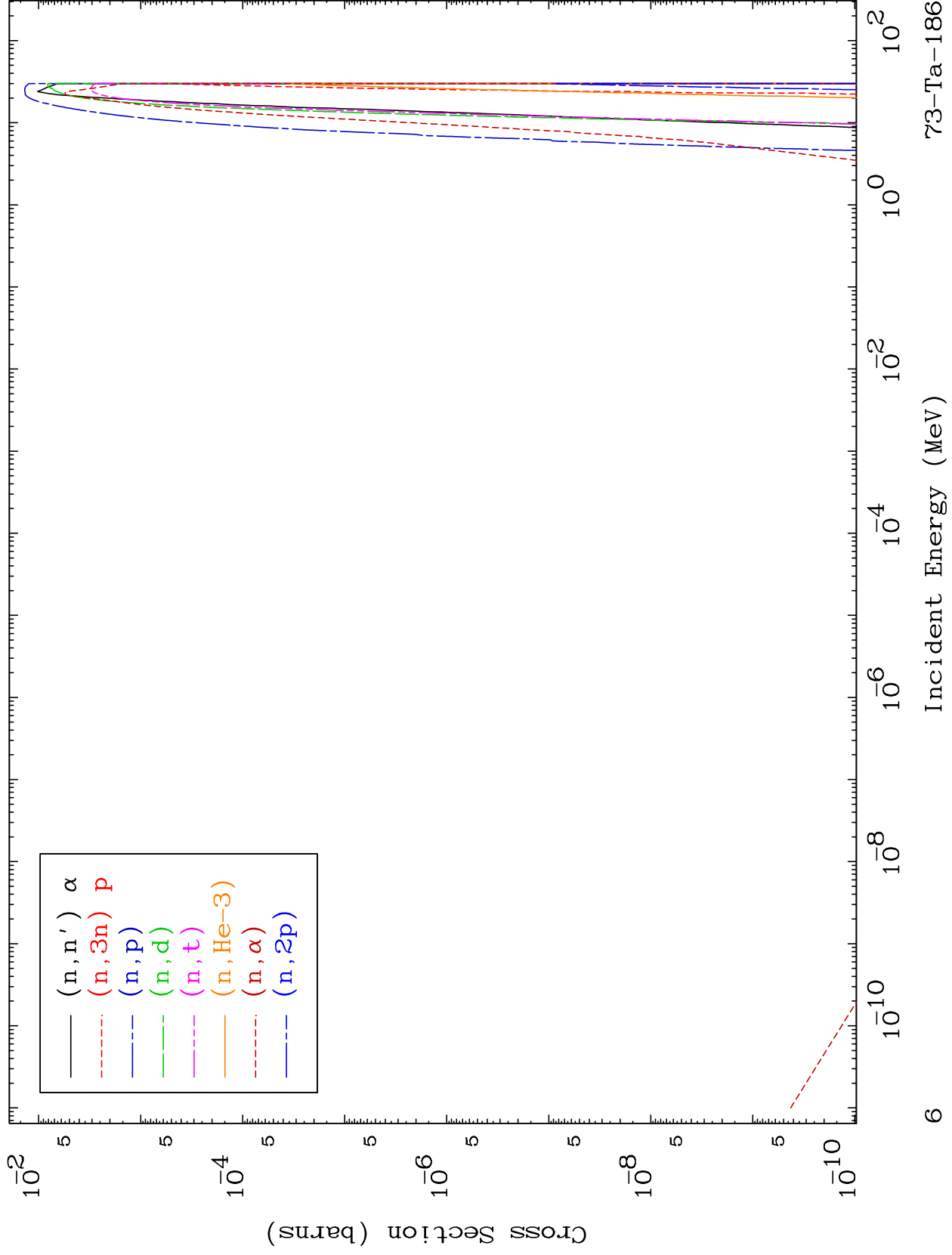
73-Ta-186



MAT 7343

Charged Particle
293 Kelvin Cross Sections

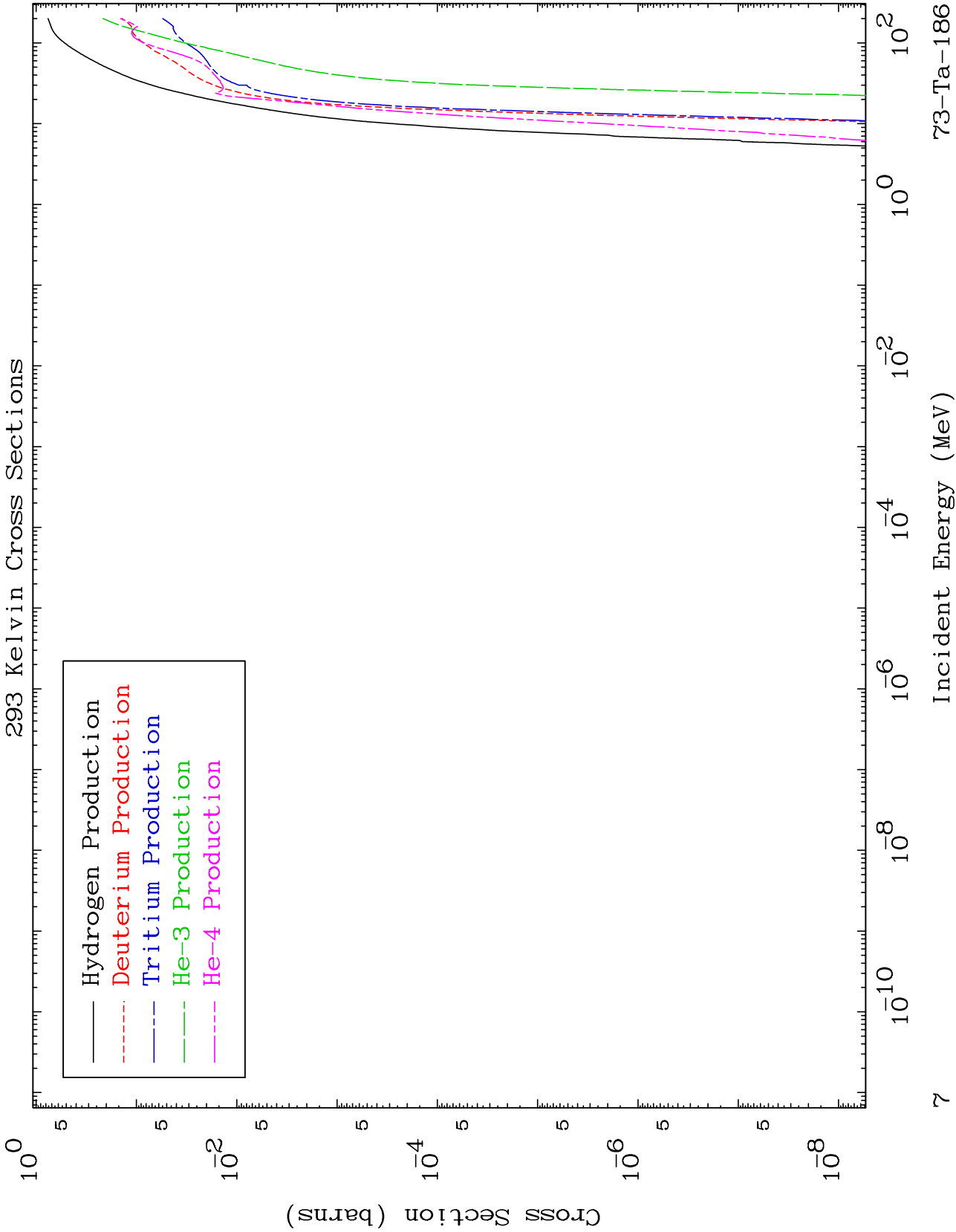
73-Ta-186



MAT 7343

Particle Production
293 Kelvin Cross Sections

73-Ta-186

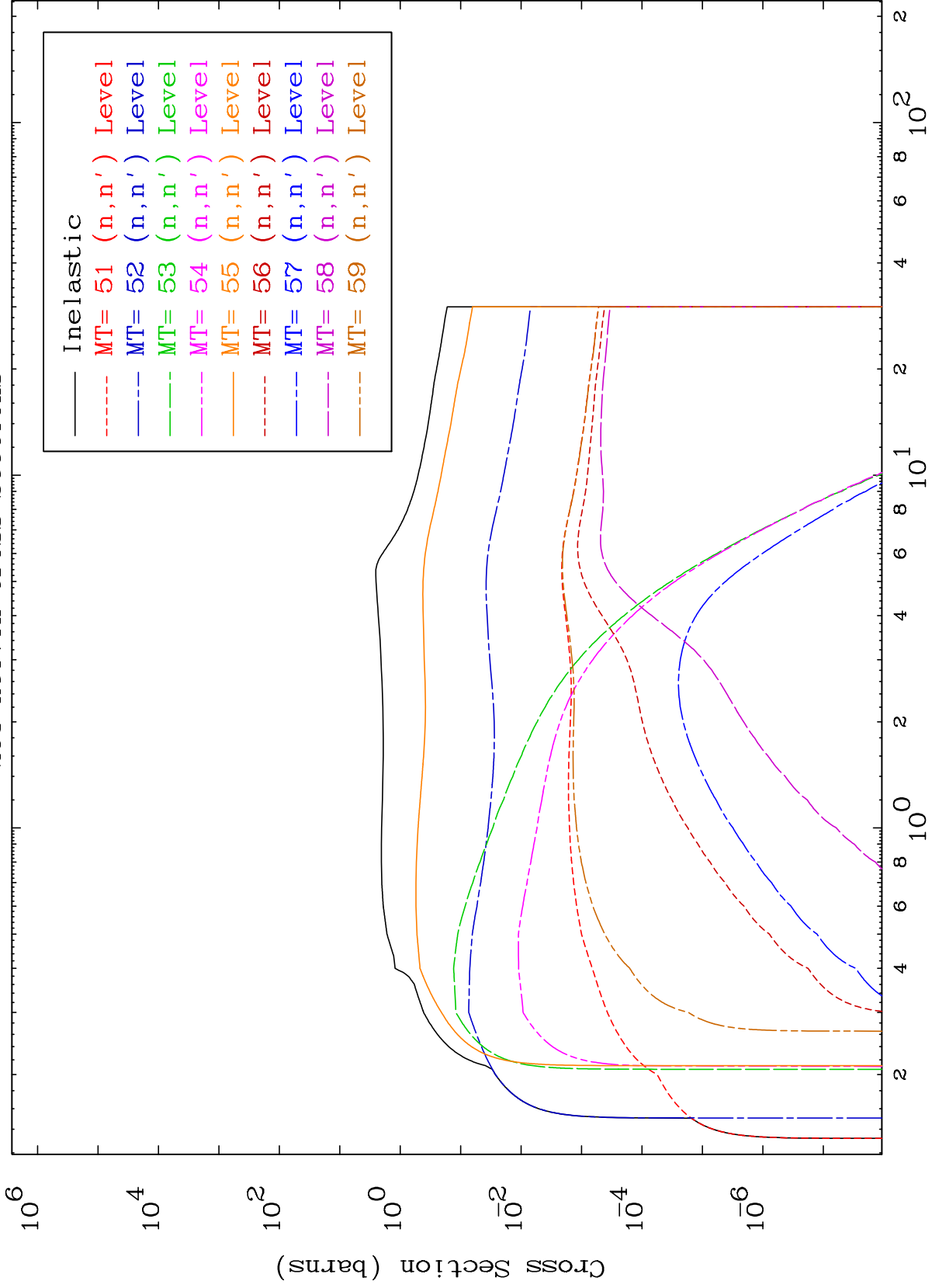


MAT 7343

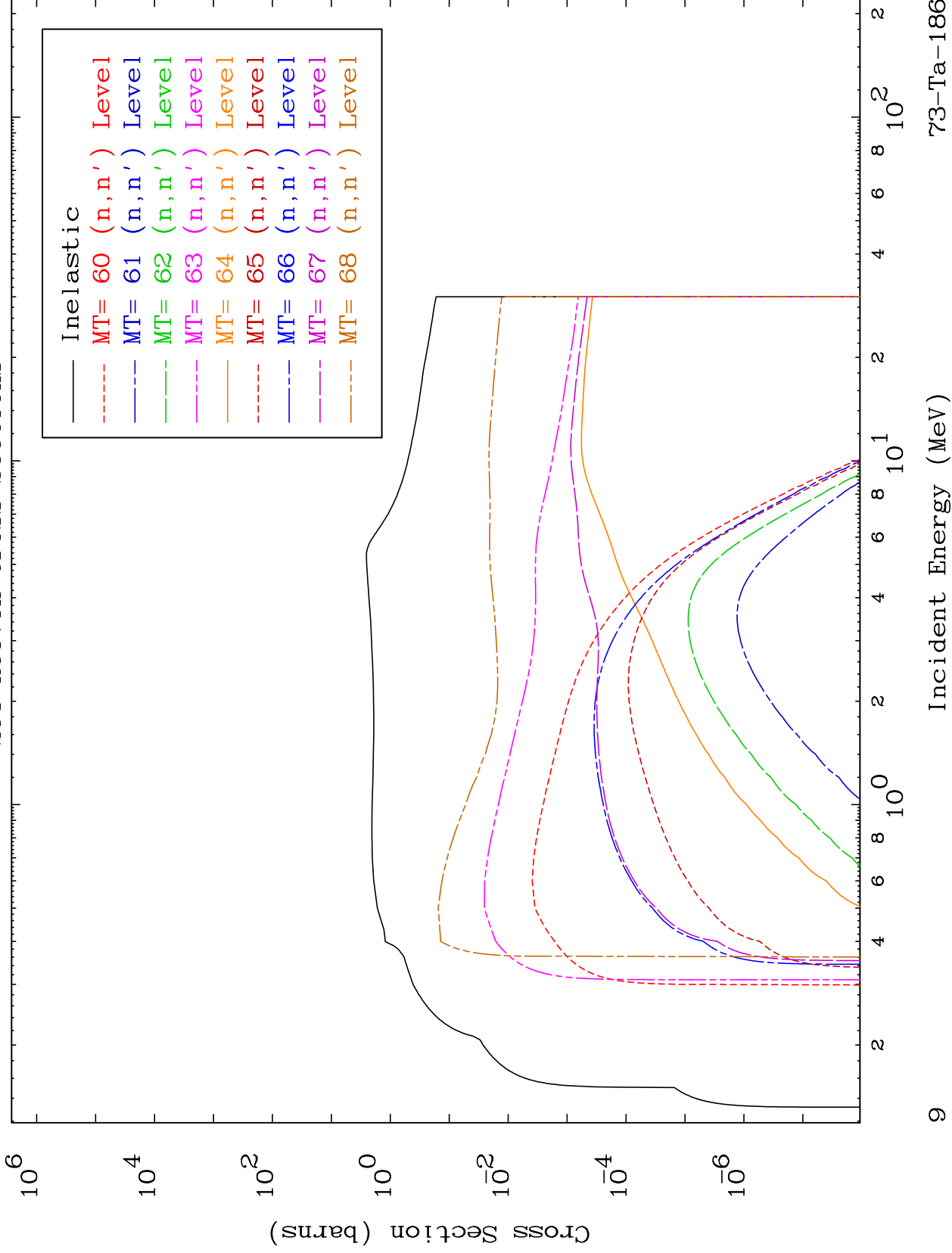
(n,n') Levels

73-Ta-186

293 Kelvin Cross Sections



293 Kelvin Cross Sections

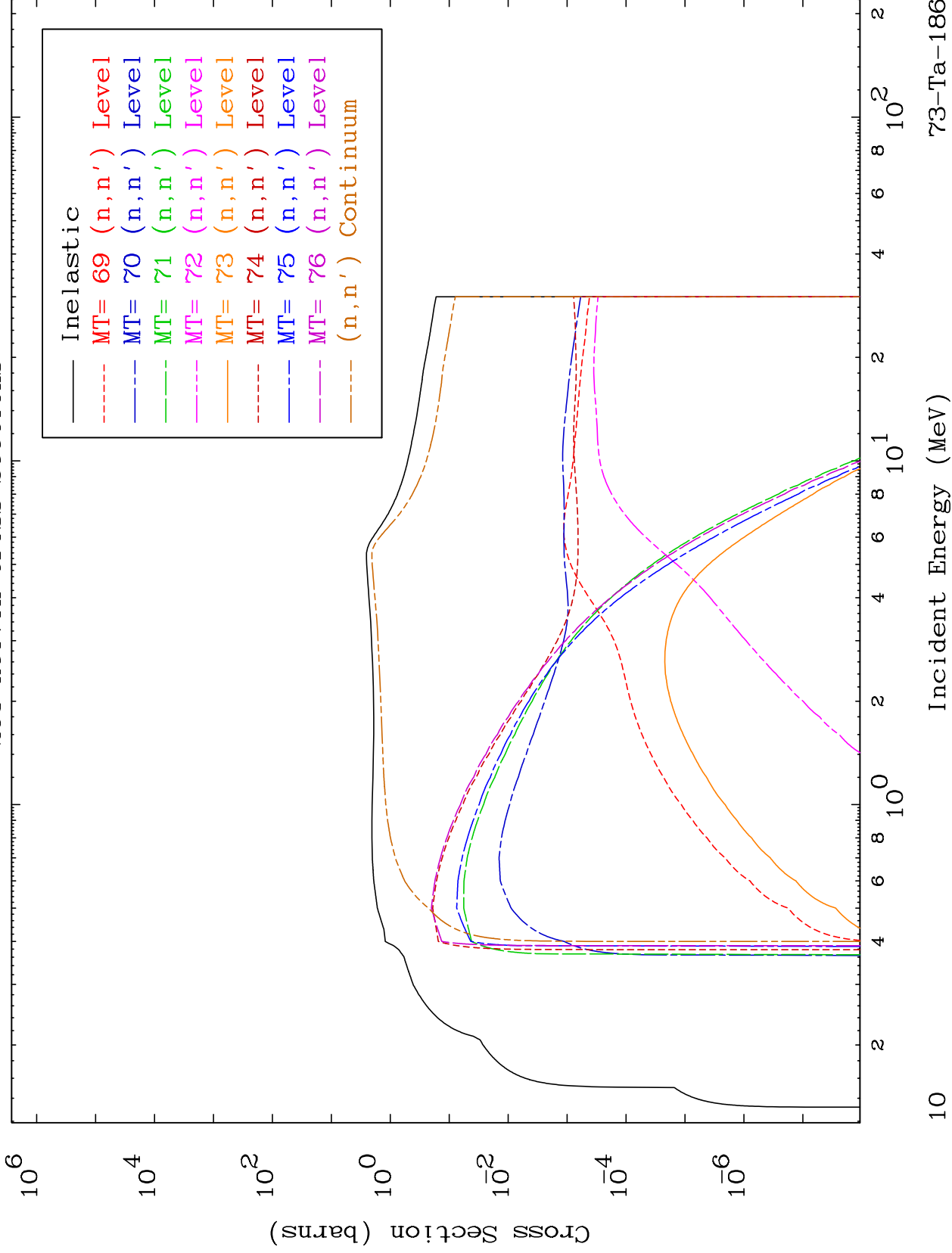


MAT 7343

(n,n') Levels

73-Ta-186

293 Kelvin Cross Sections



10

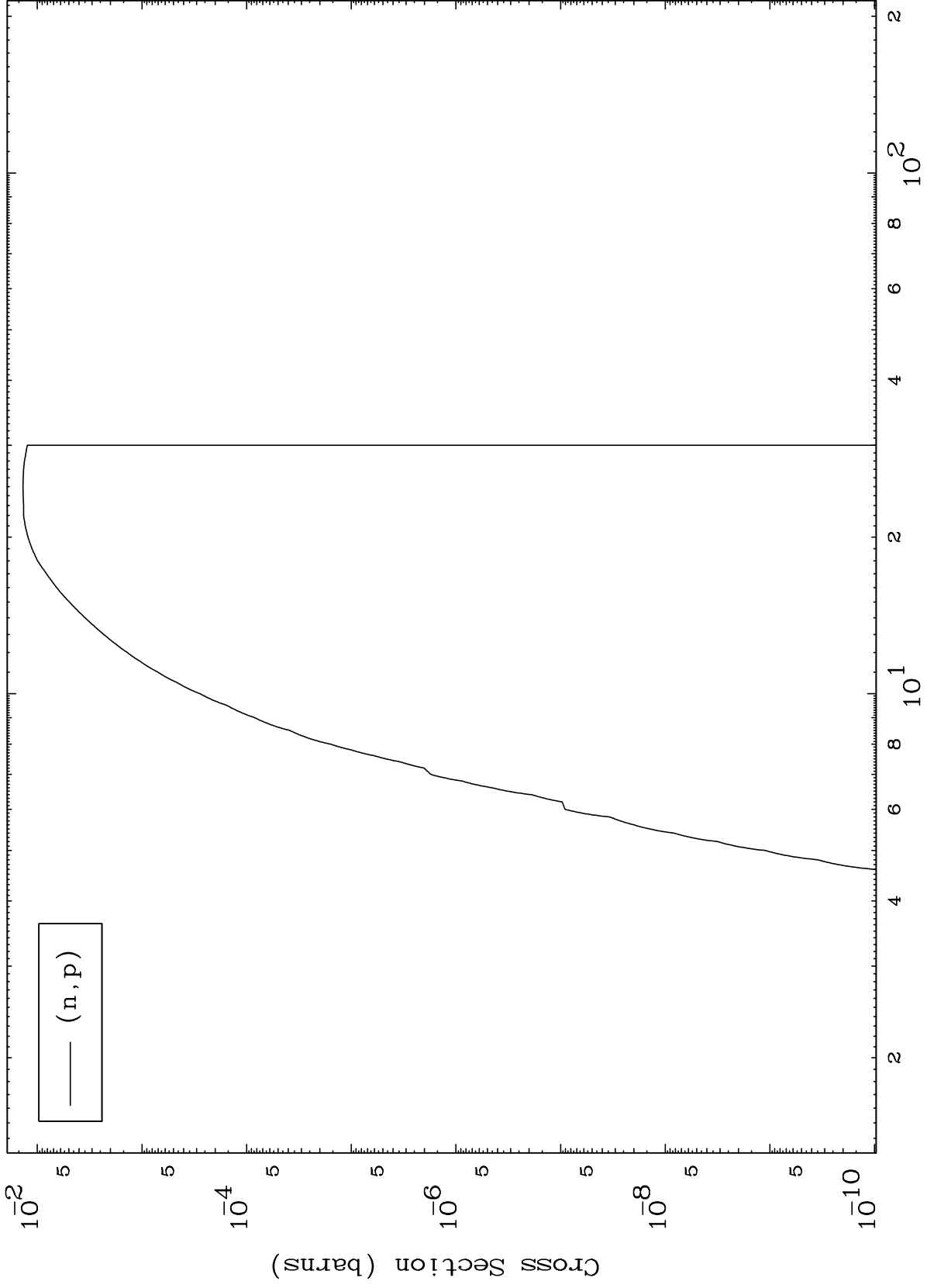
Incident Energy (MeV)

73-Ta-186

MAT 7343

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-186



11

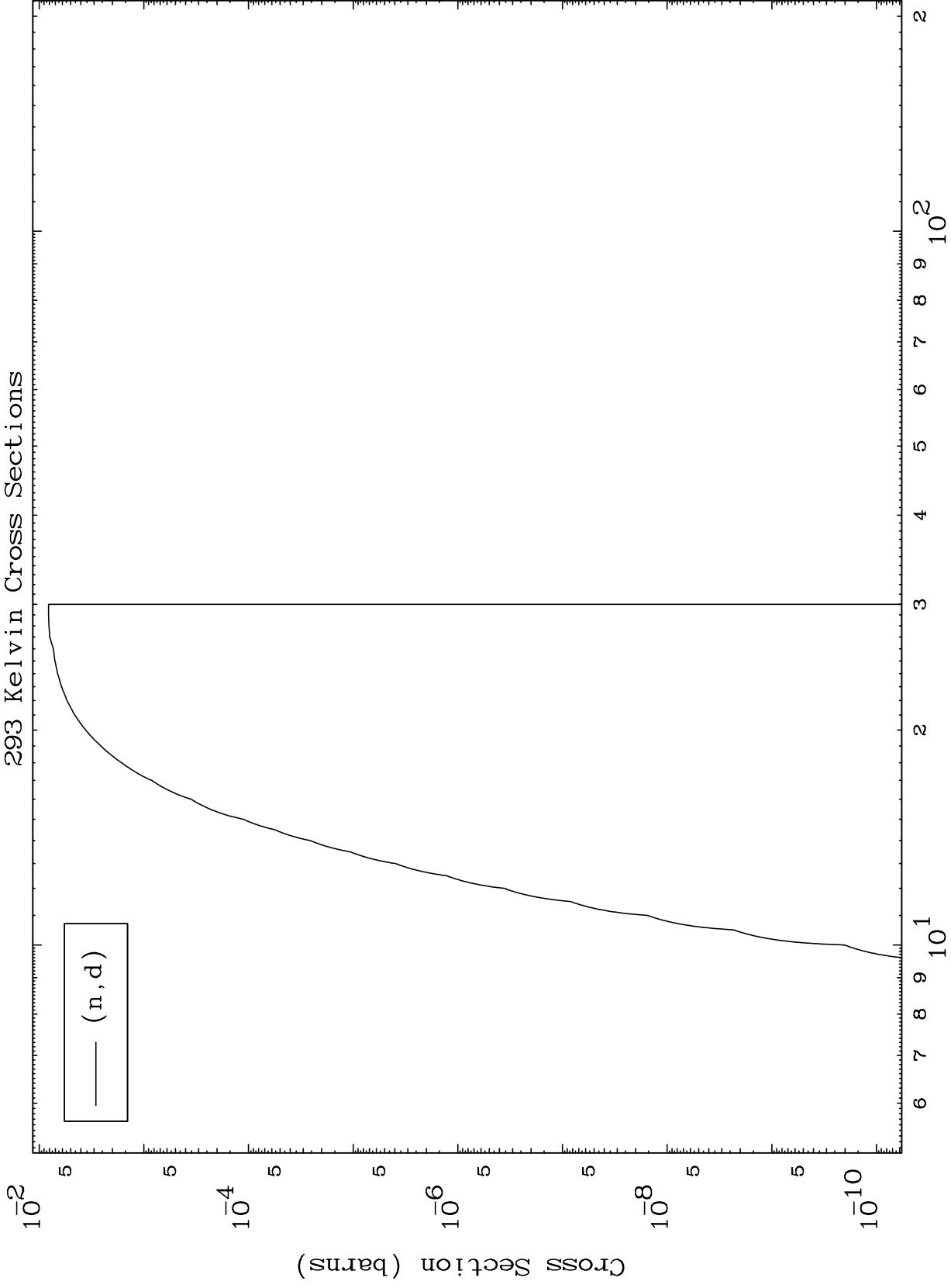
Incident Energy (MeV)

73-Ta-186

MAT 7343

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-186



12

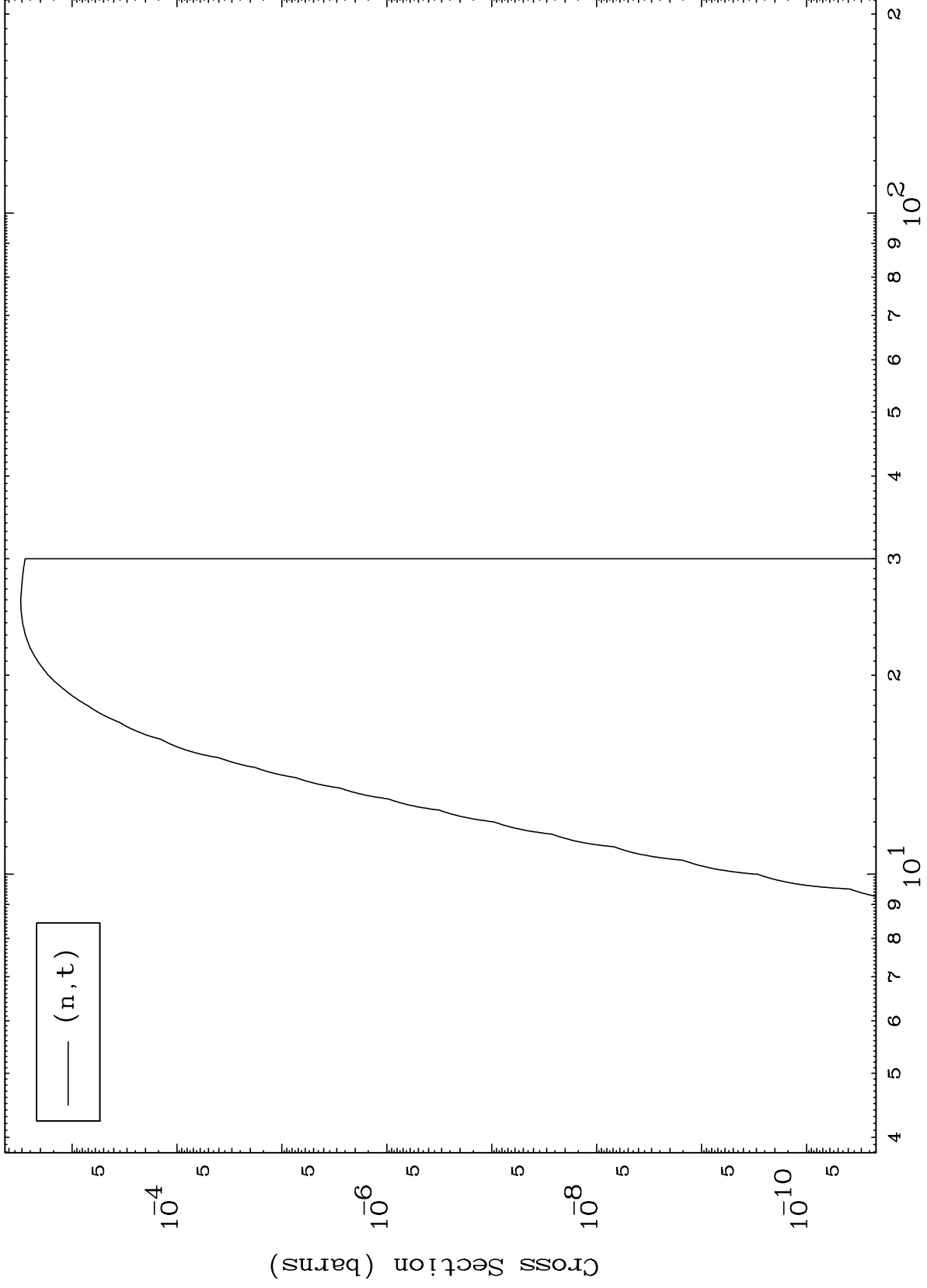
Incident Energy (MeV)

73-Ta-186

MAT 7343

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-186



13

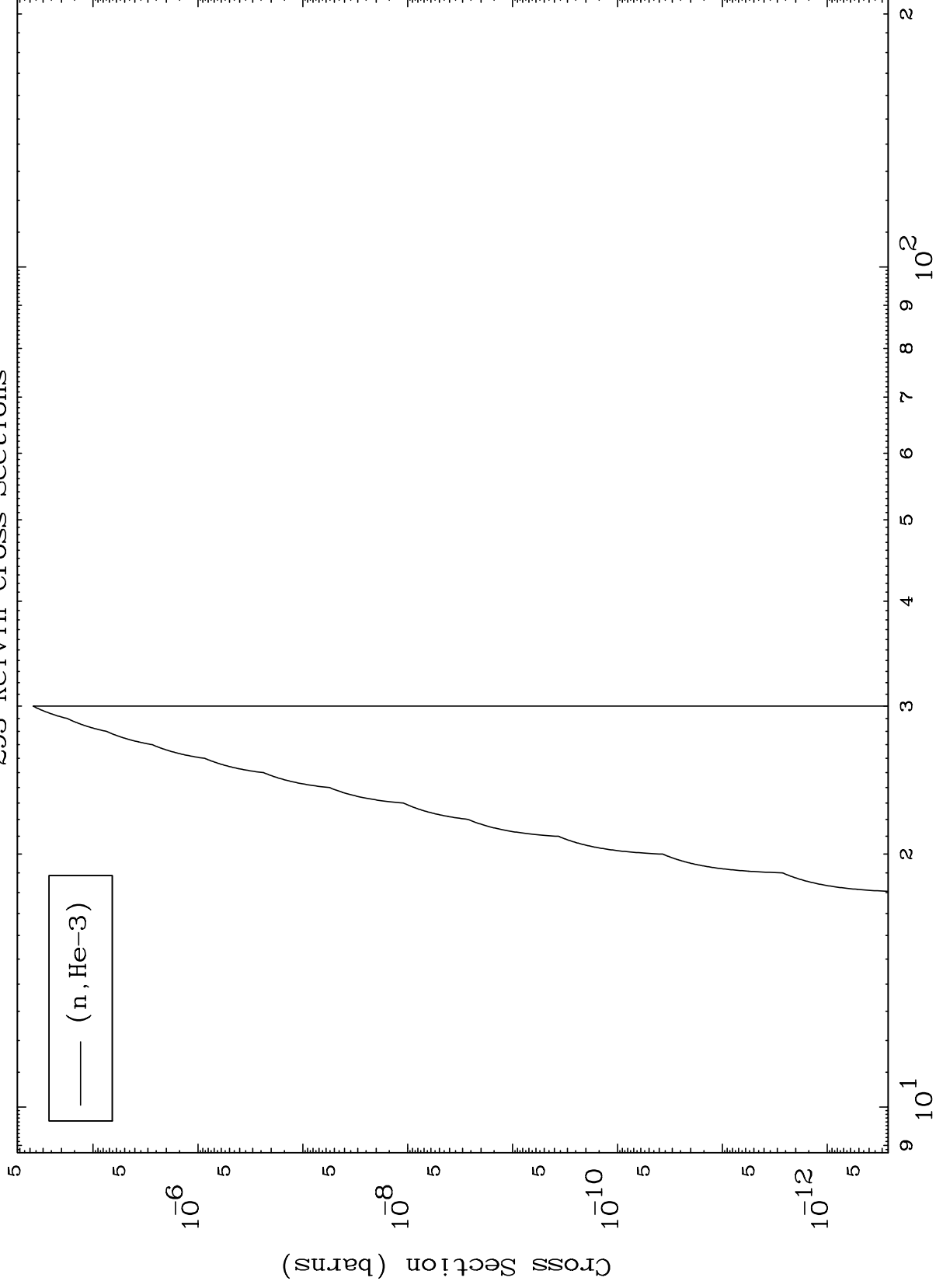
Incident Energy (MeV)

73-Ta-186

MAT 7343

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-186



14

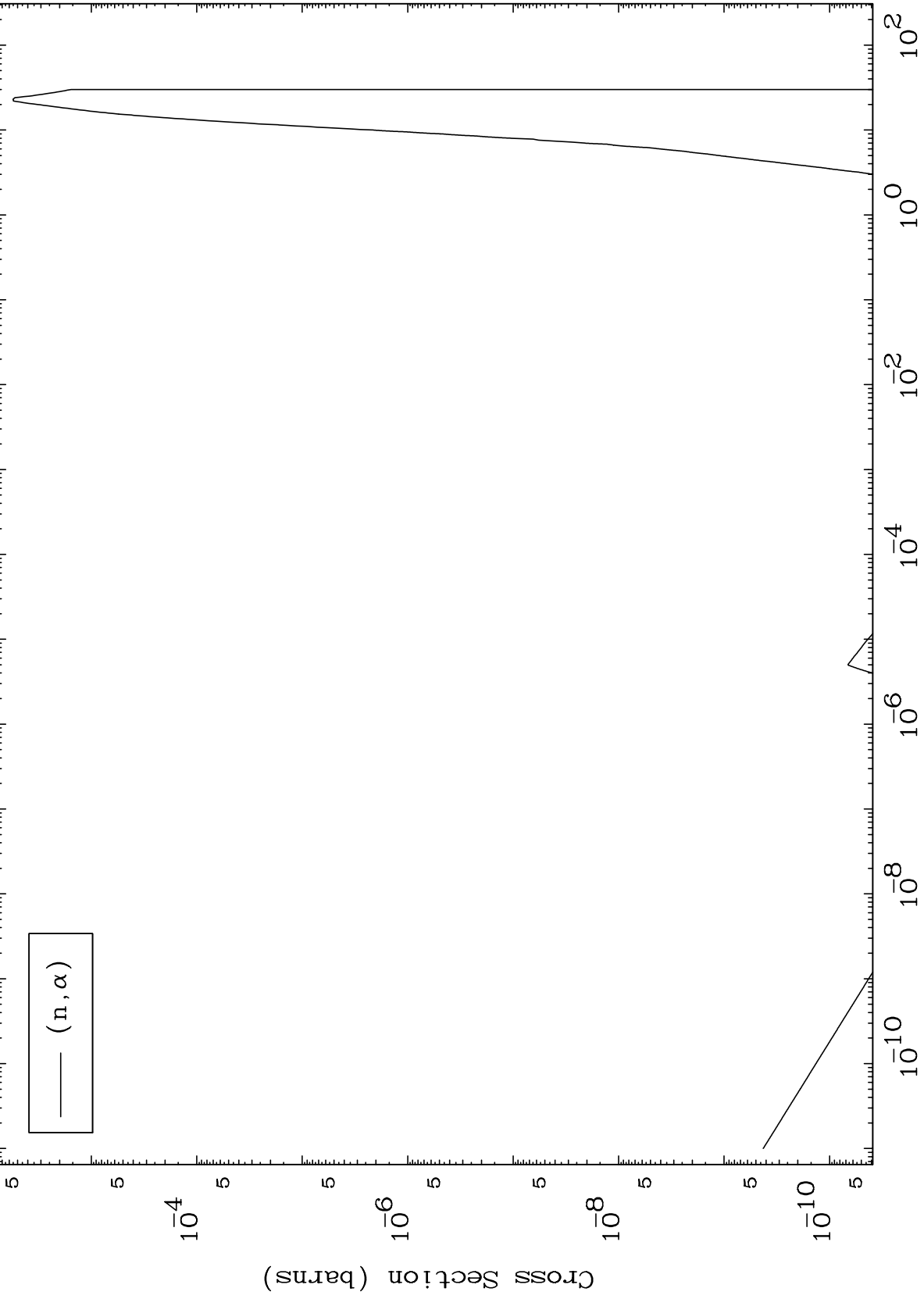
Incident Energy (MeV)

73-Ta-186

MAT 7343

(n, α) Levels
293 Kelvin Cross Sections

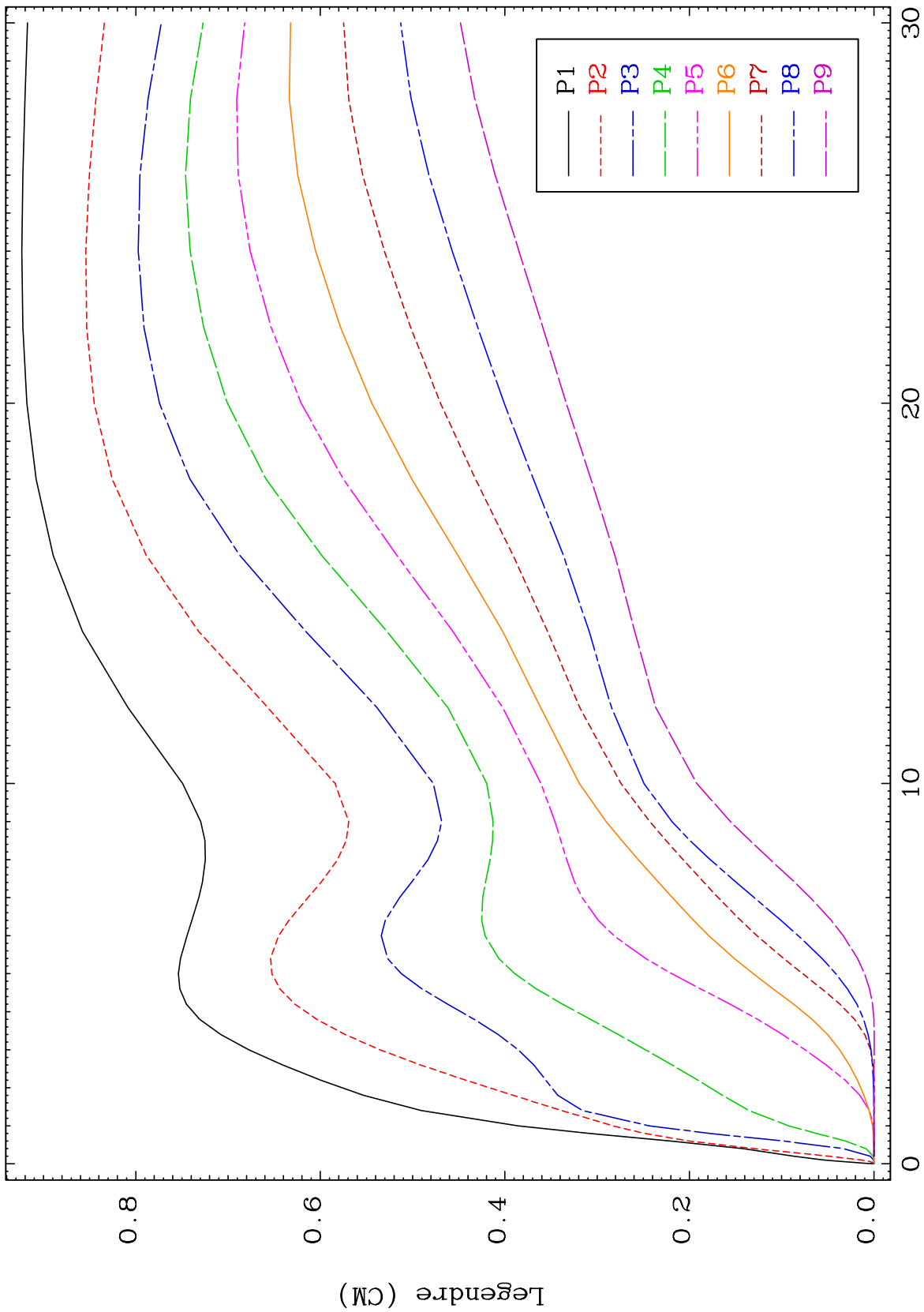
73-Ta-186



MAT 7343

73-Ta-186

Elastic Legendre Coefficients



16

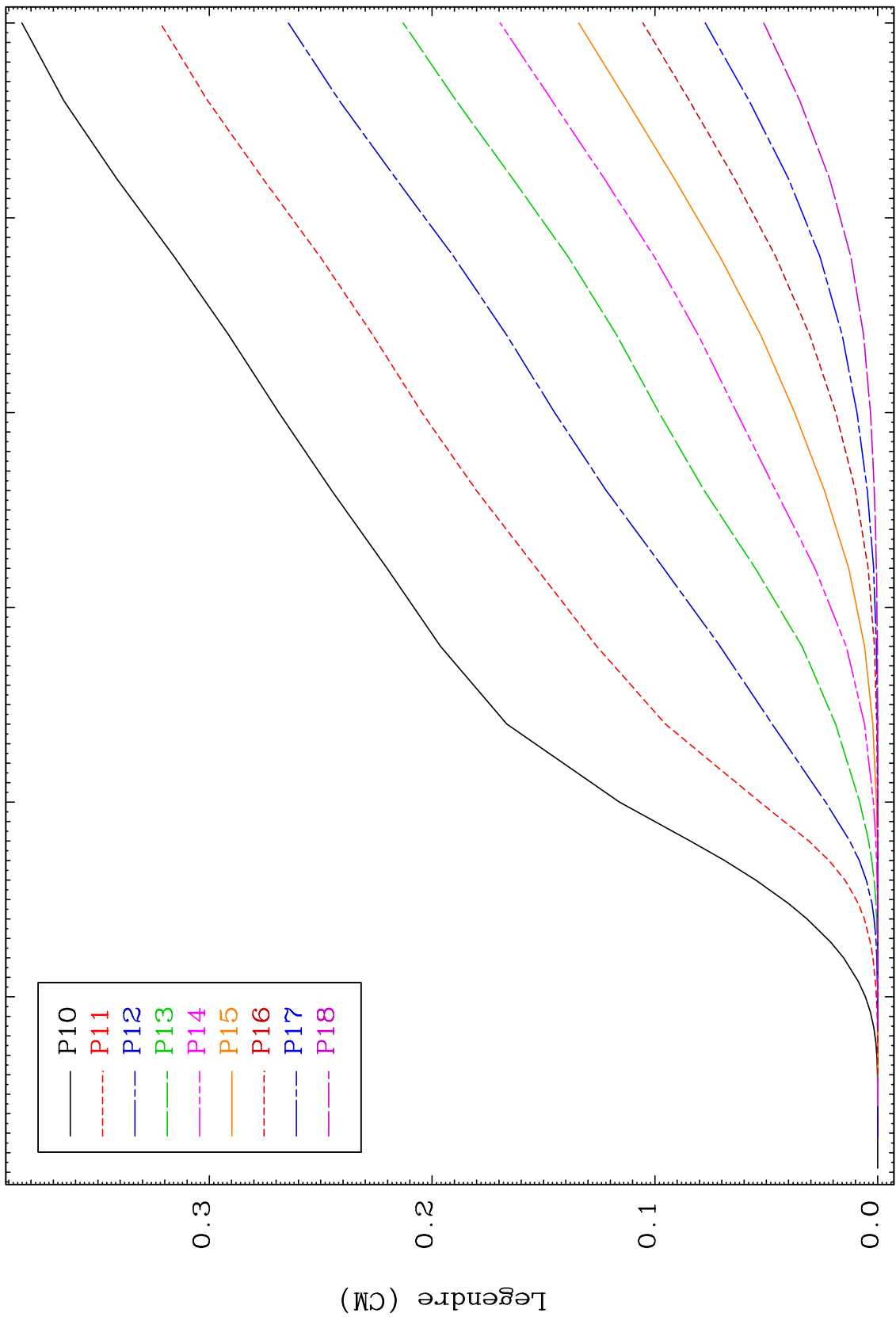
Incident Energy (MeV)

73-Ta-186

MAT 7343

Elastic Legendre Coefficients

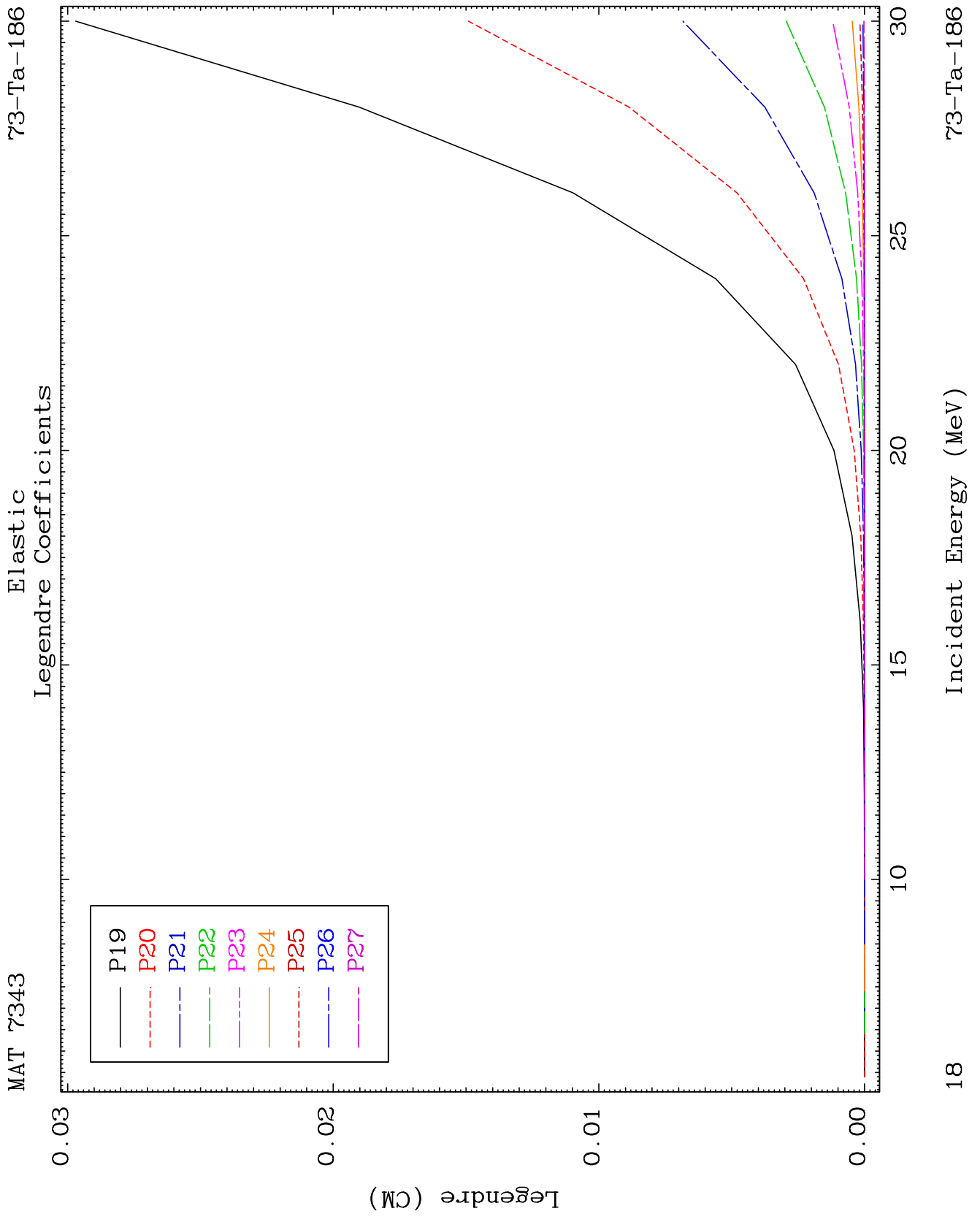
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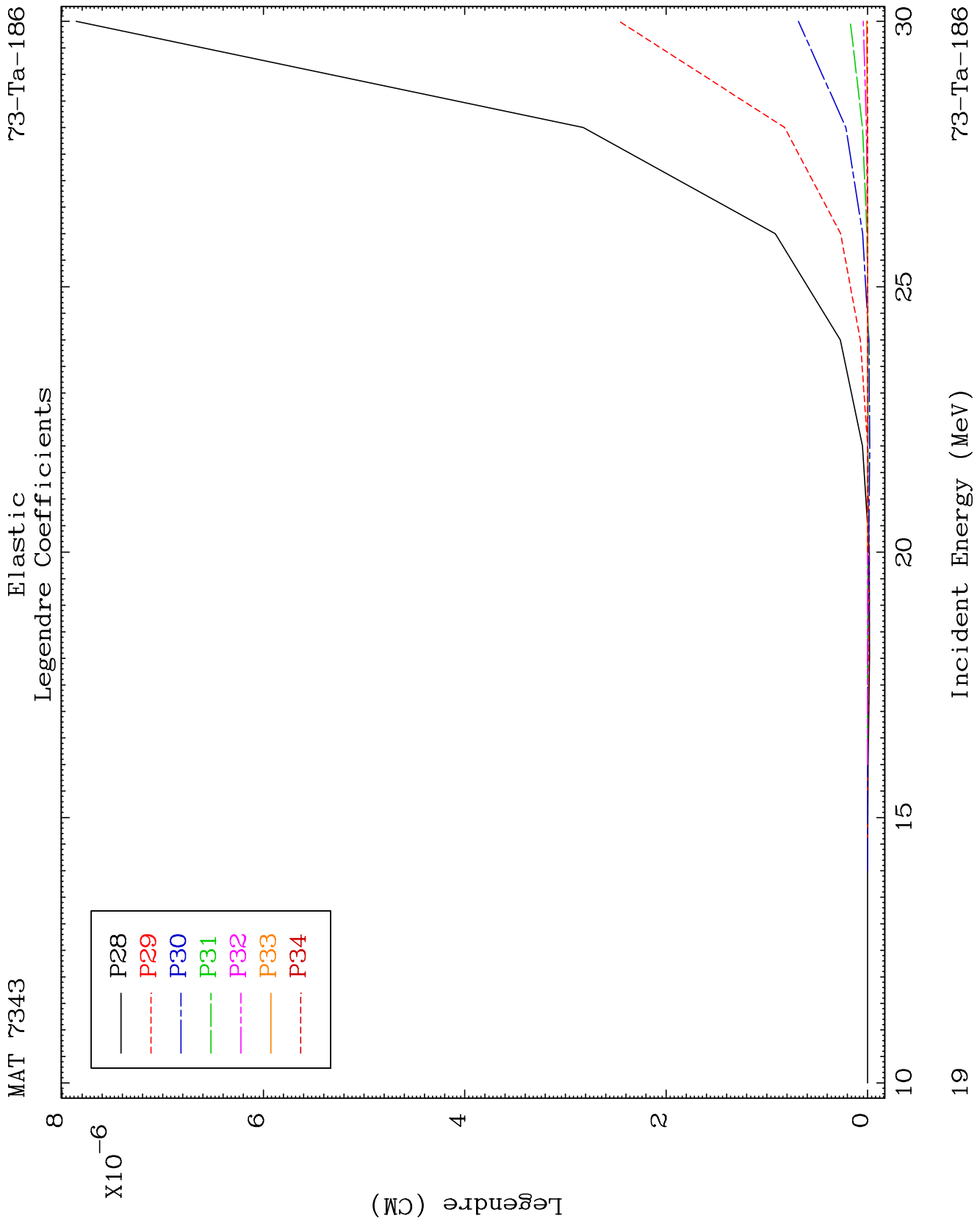


17

Incident Energy (MeV)

73-Ta-186

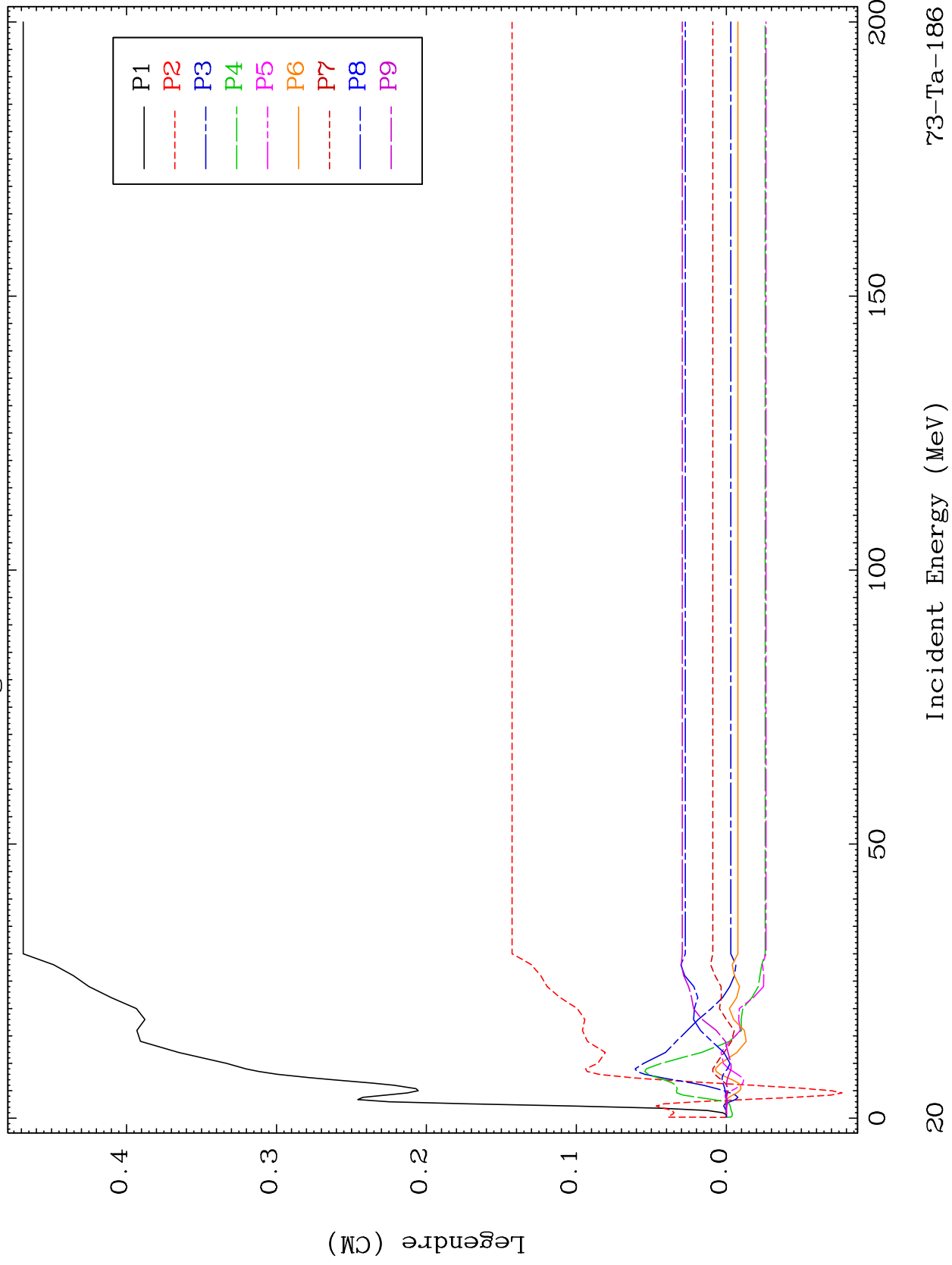




MAT 7343

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

73-Ta-186



73-Ta-186

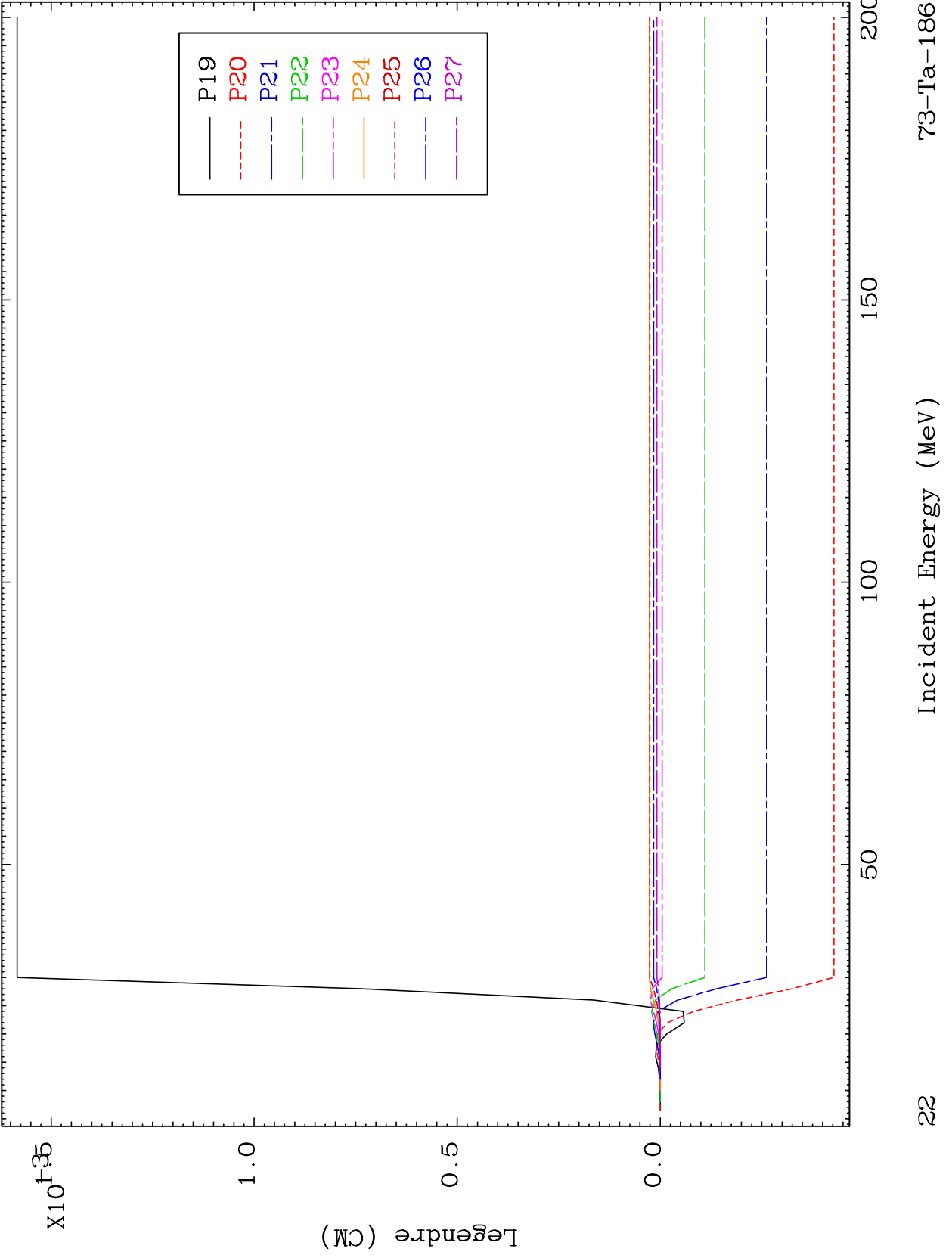
Incident Energy (MeV)

0

MAT 7343

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

73-Ta-186



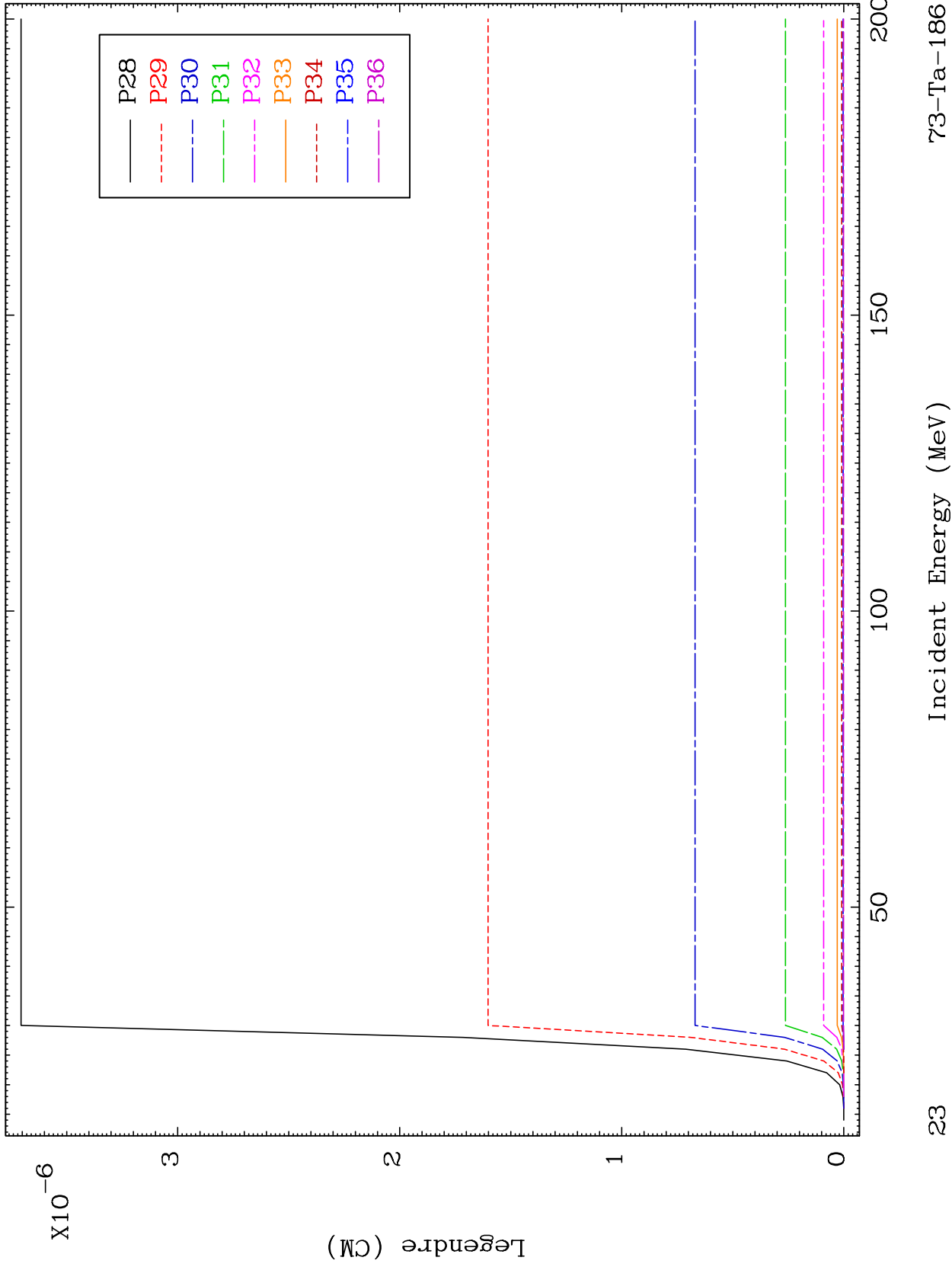
22

73-Ta-186

MAT 7343

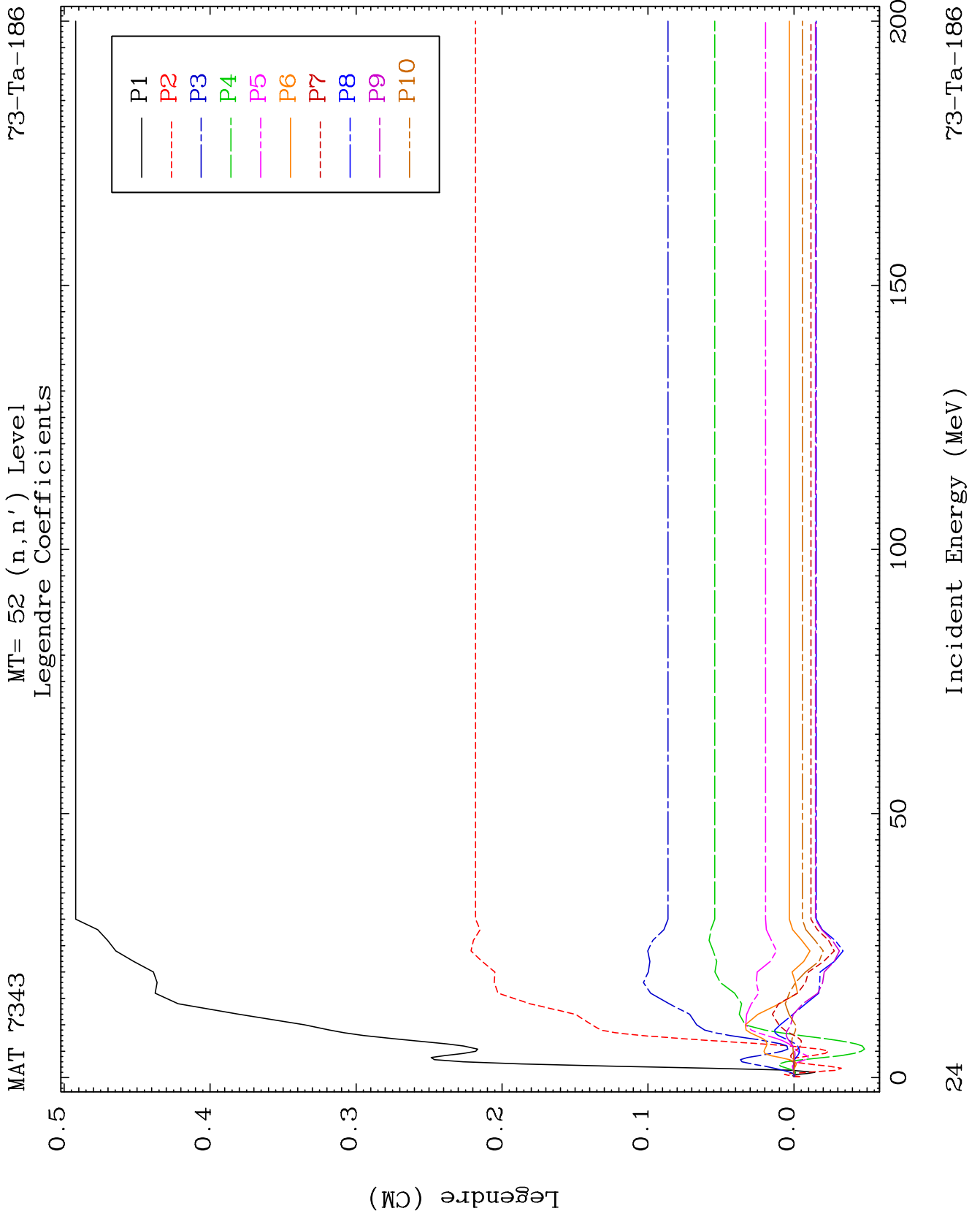
MT= 51 (n,n') Level
Legendre Coefficients

73-Ta-186



23

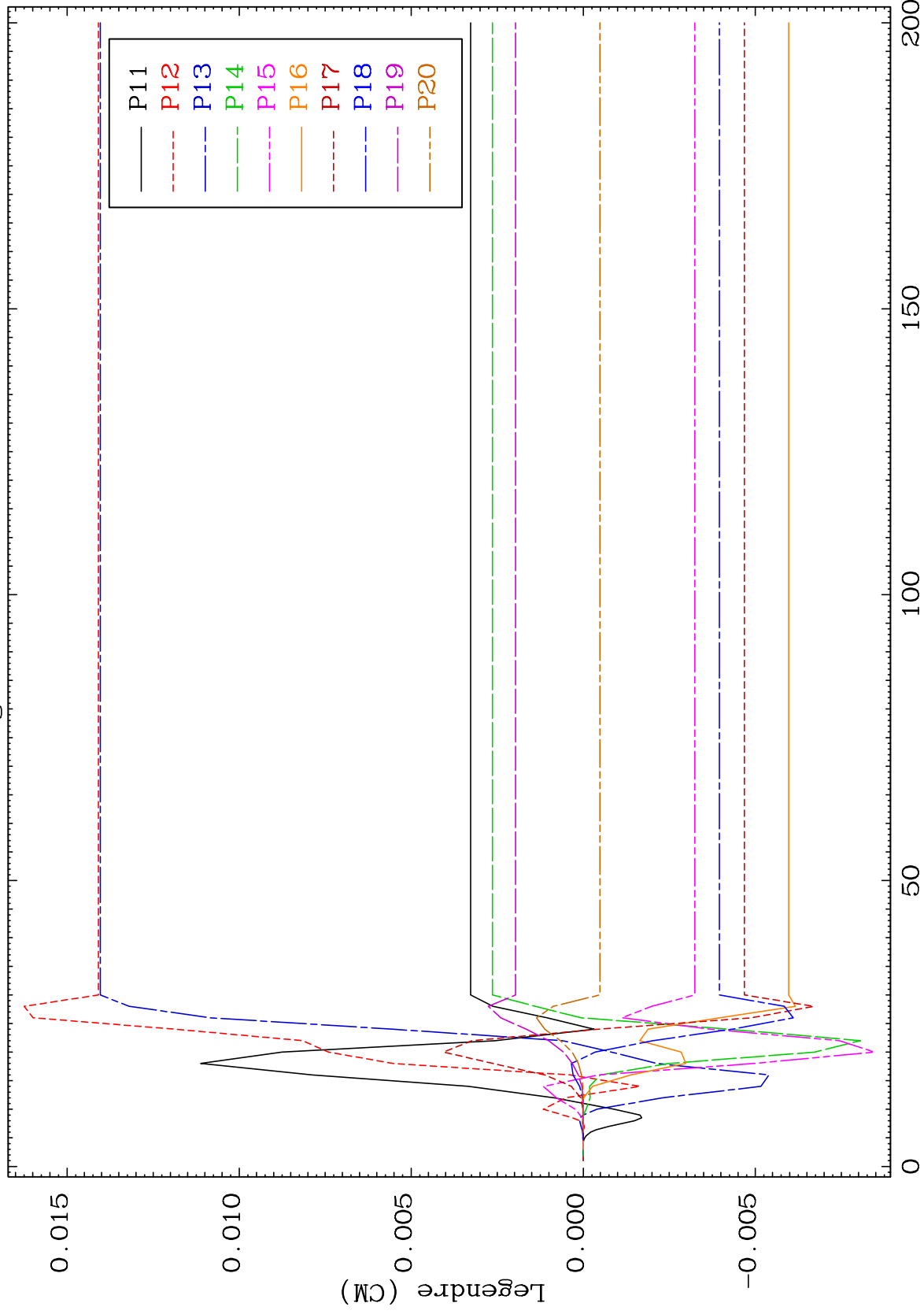
73-Ta-186



MAT 7343

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

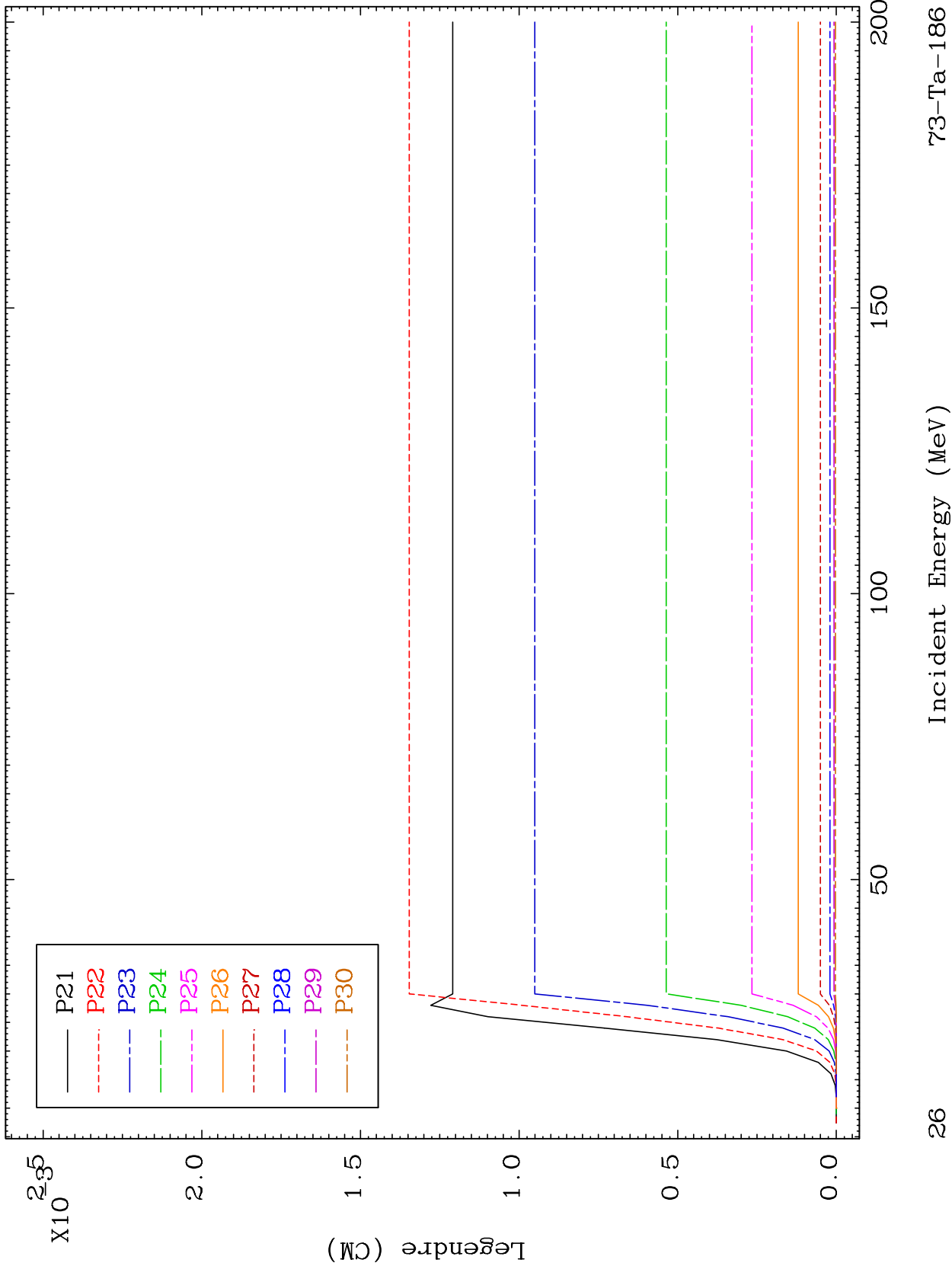
73-Ta-186



25

Incident Energy (MeV)

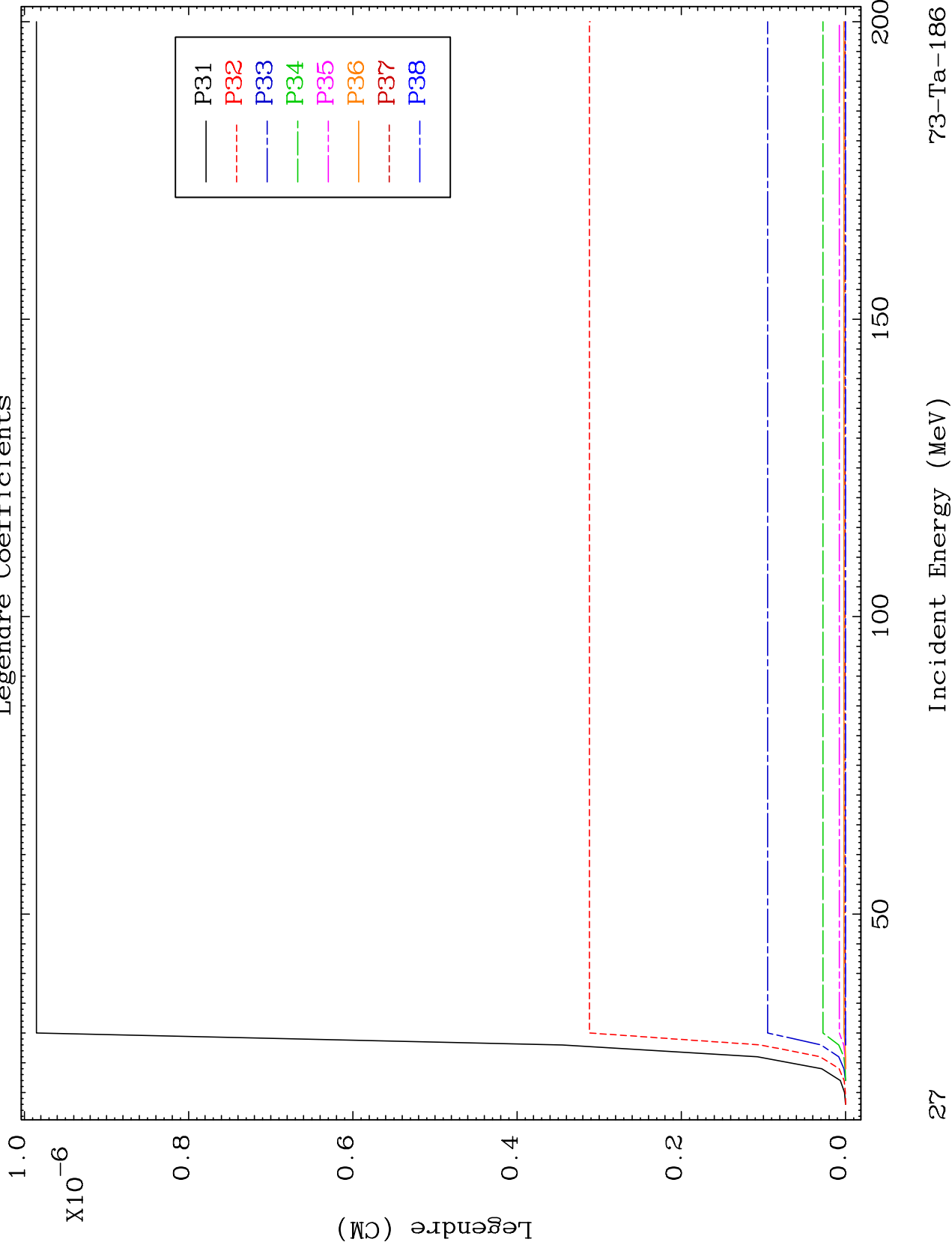
73-Ta-186



MAT 7343

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

73-Ta-186



27

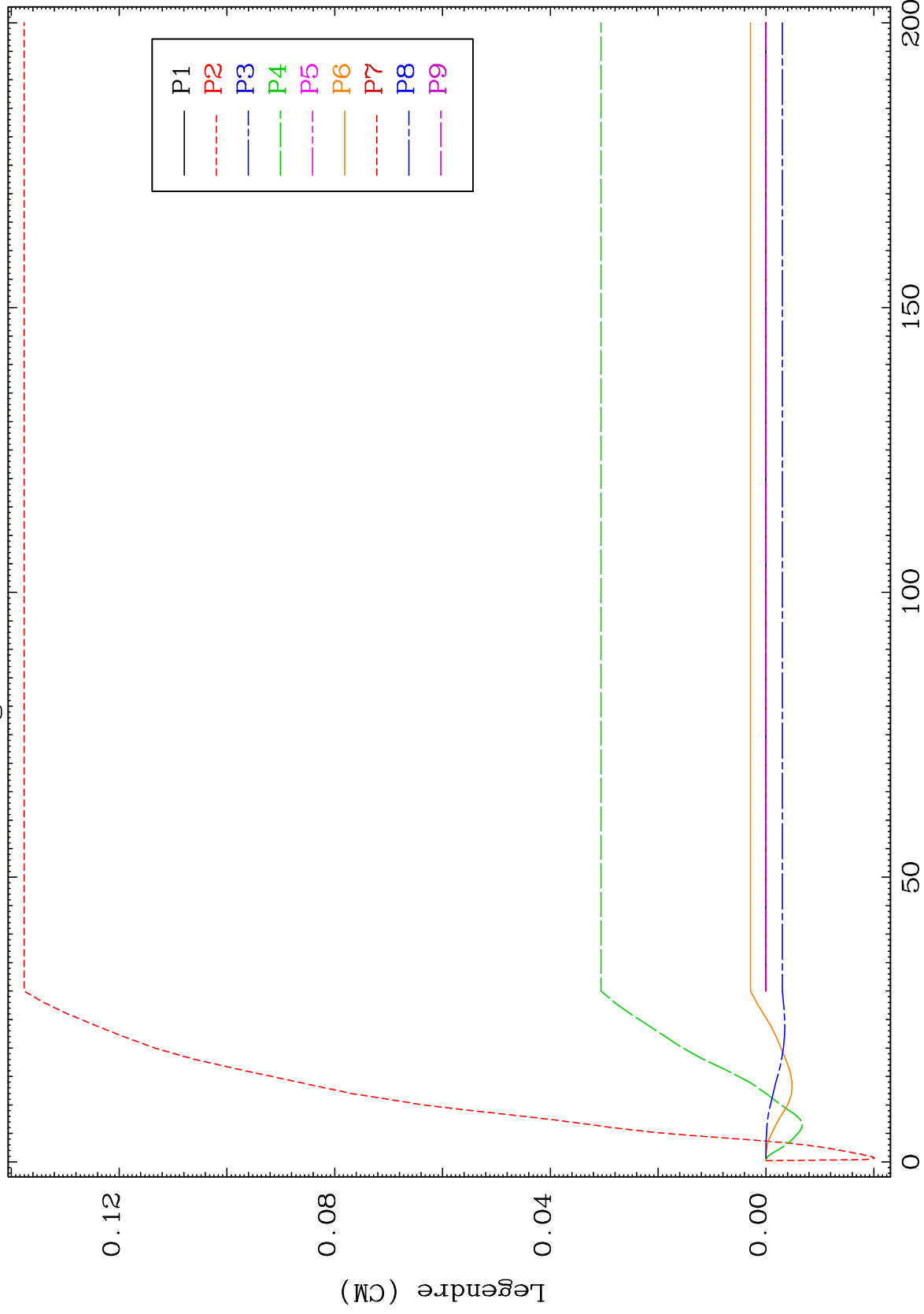
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



73-Ta-186

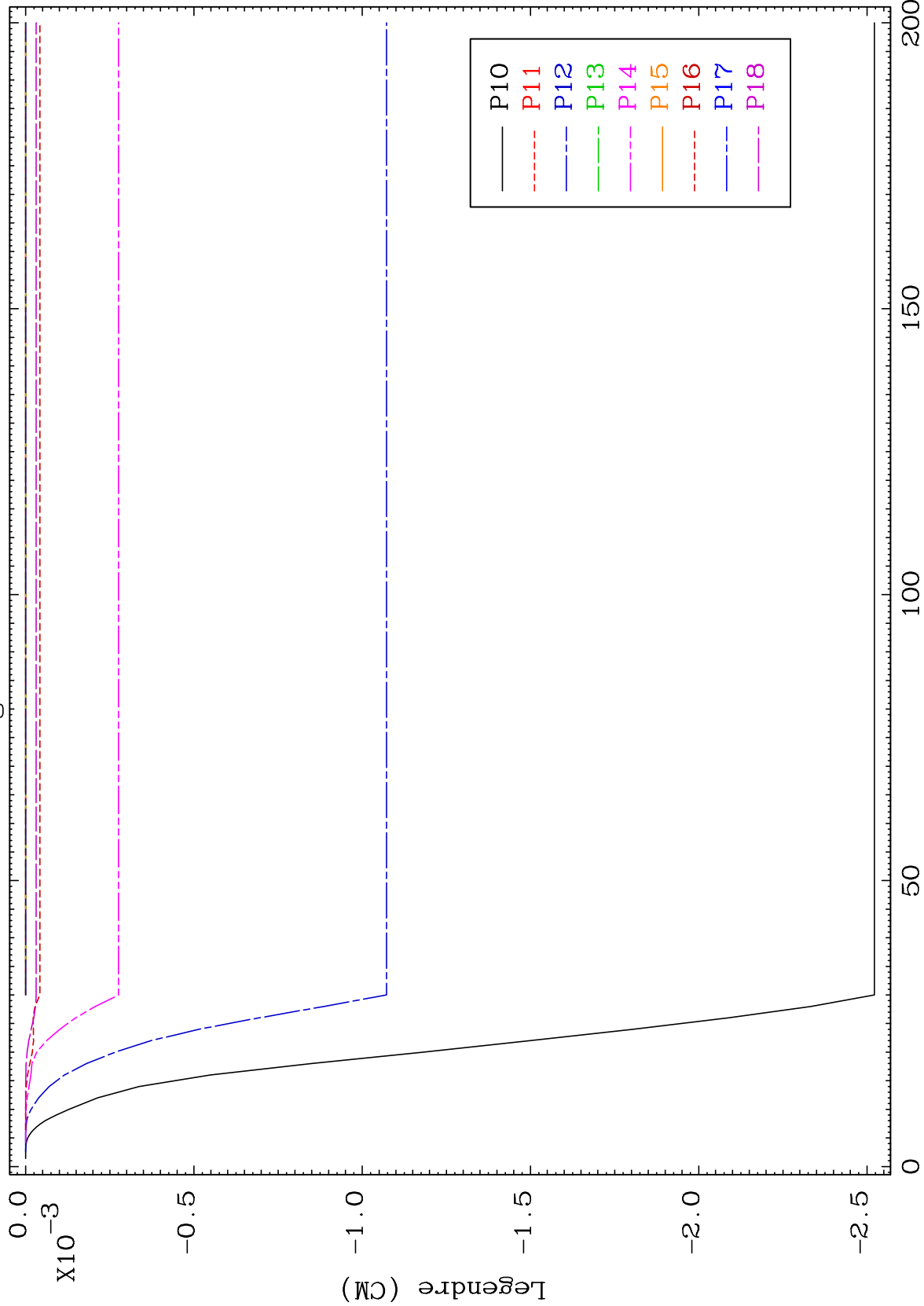
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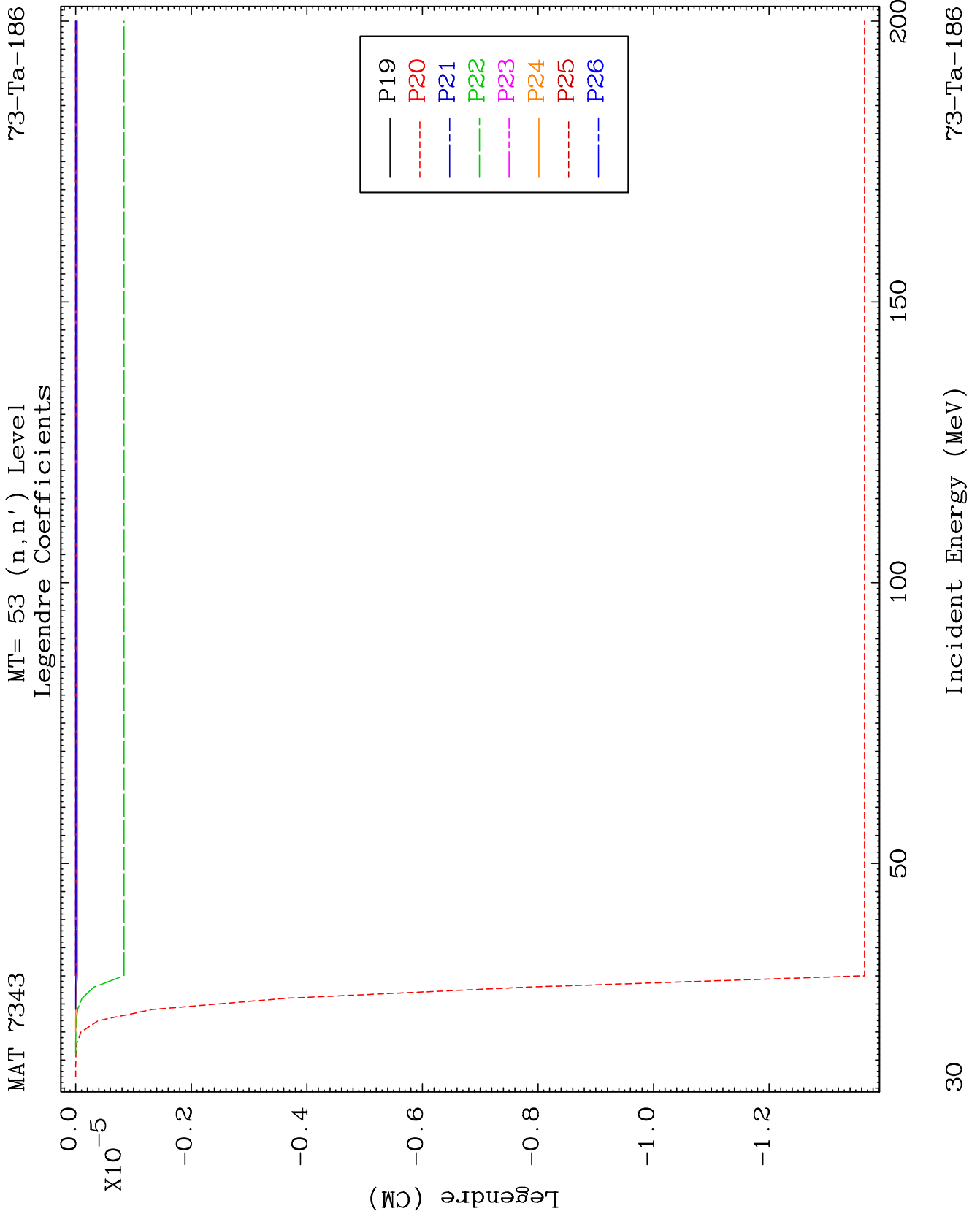
28

MAT 7343

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

73-Ta-186

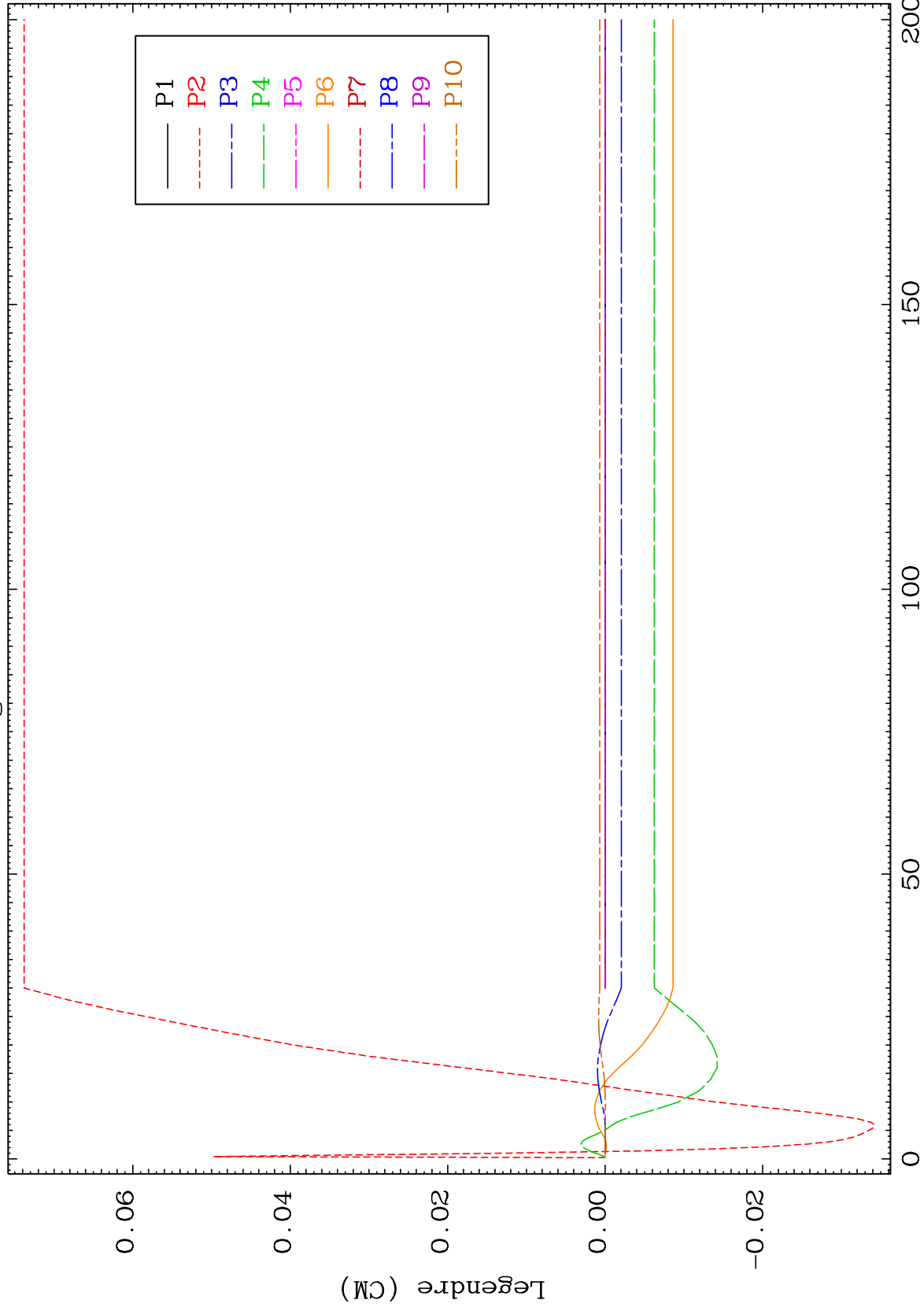




MAT 7343

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

73-Ta-186



31

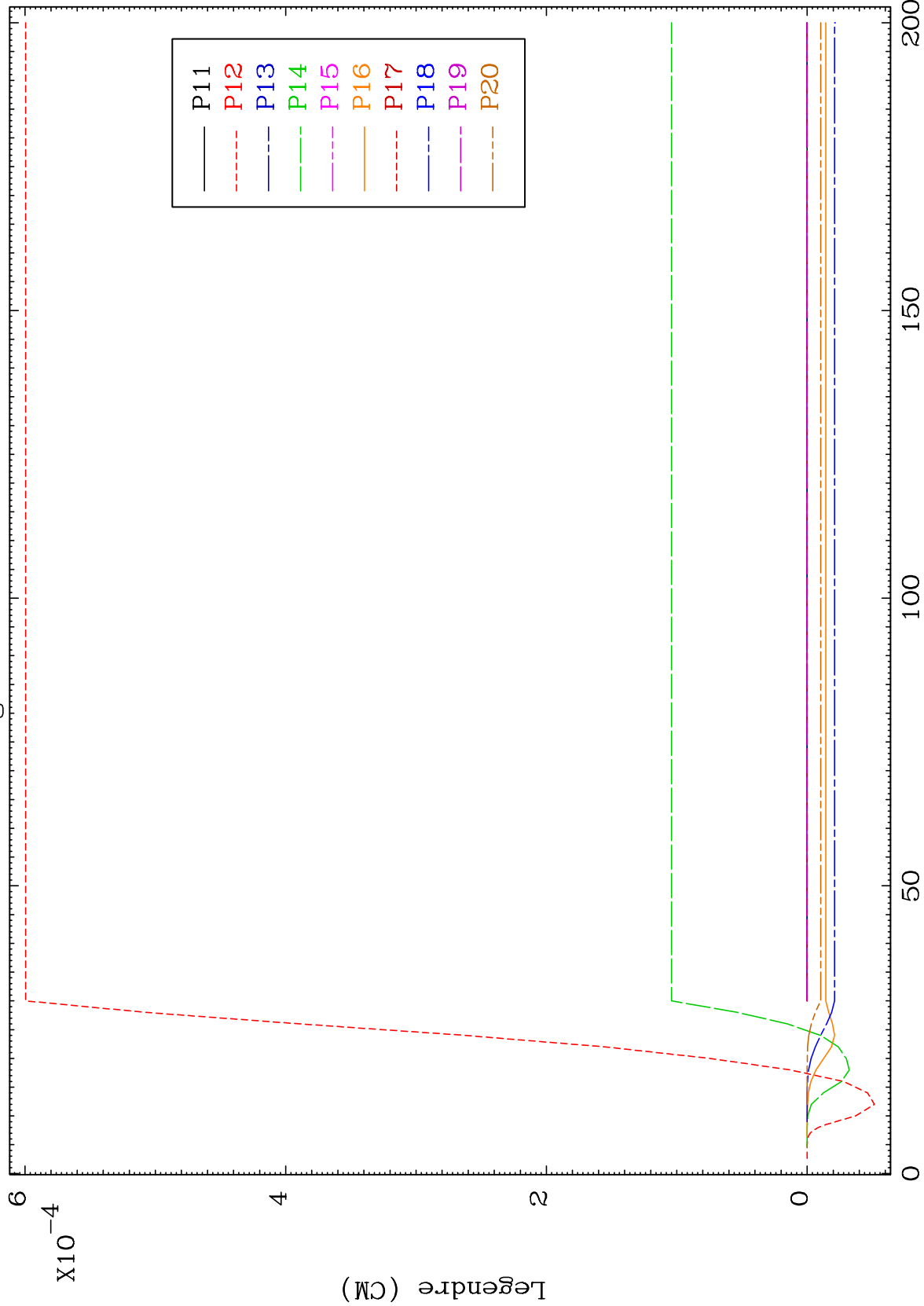
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



32

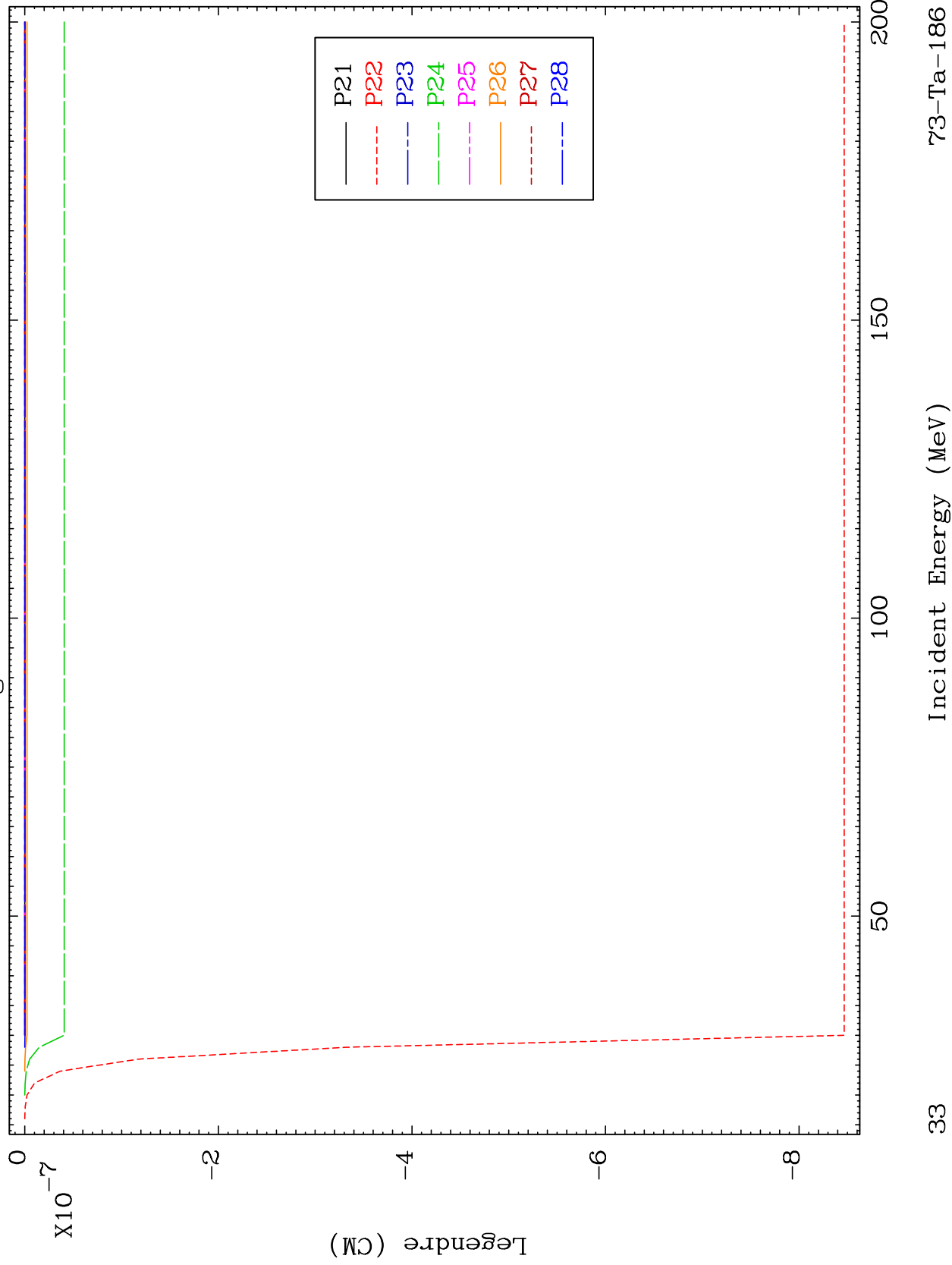
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186

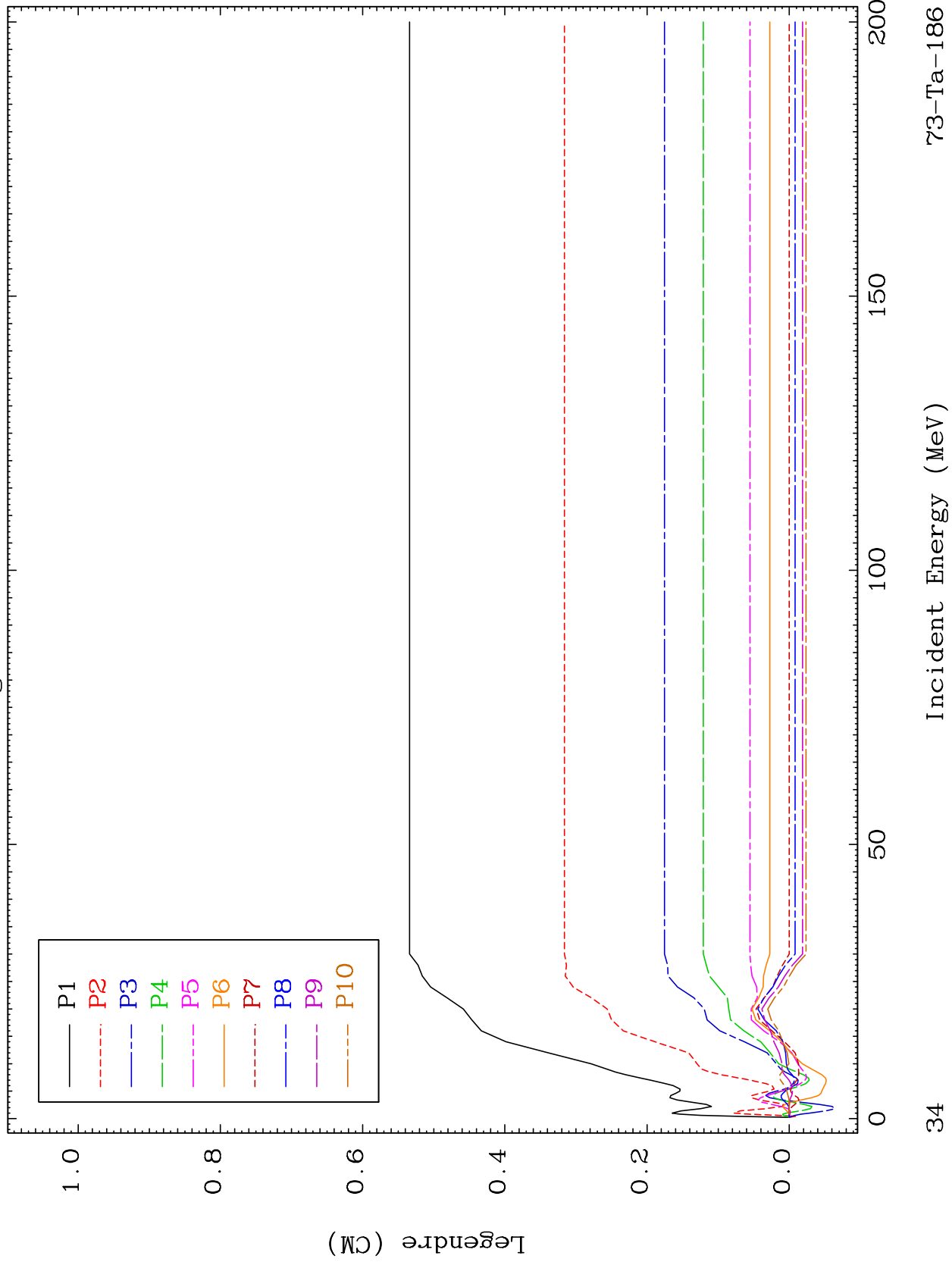


33

MAT 7343

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

⁷³Ta-186



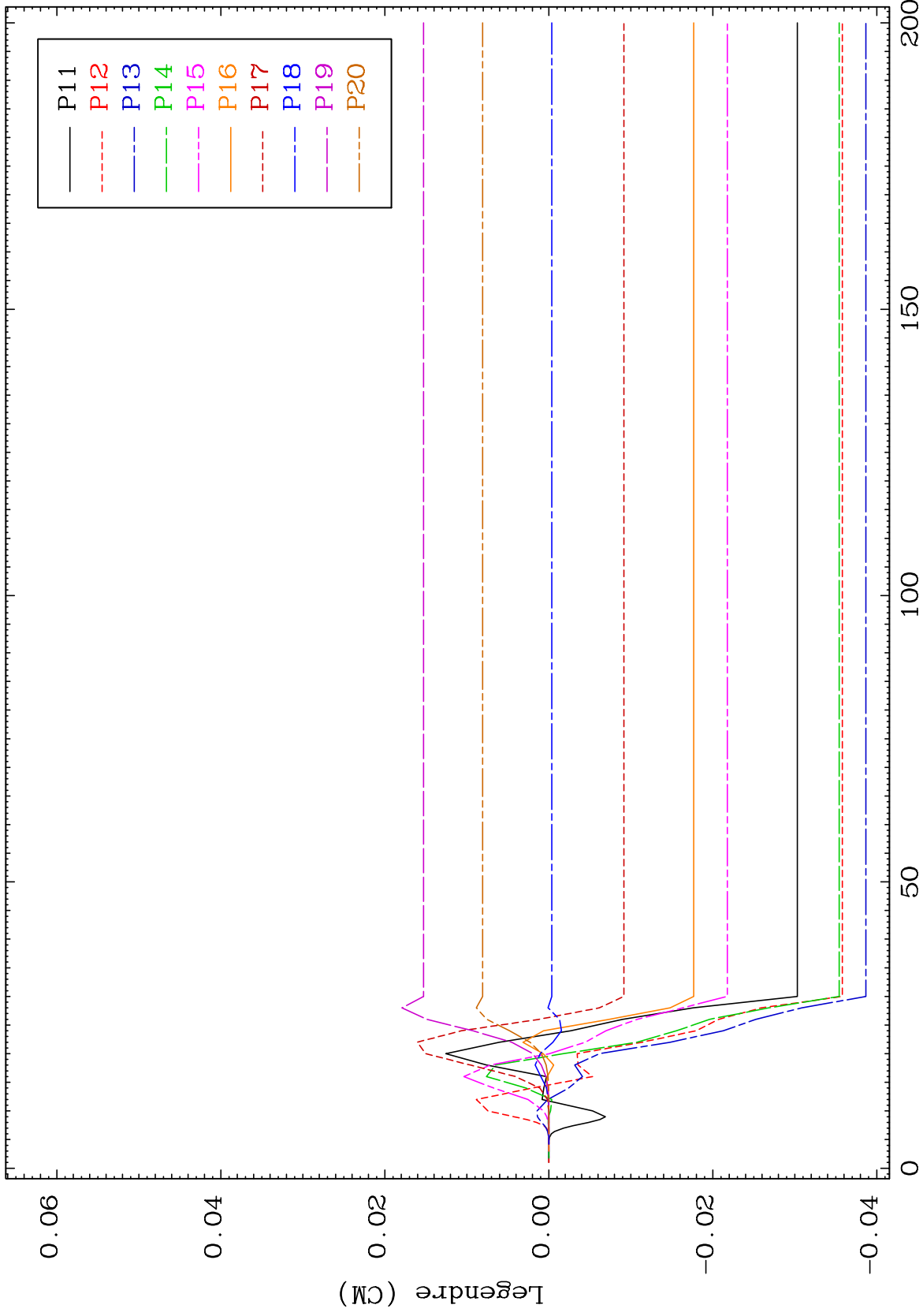
34

⁷³Ta-186

MAT 7343

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

73-Ta-186



35

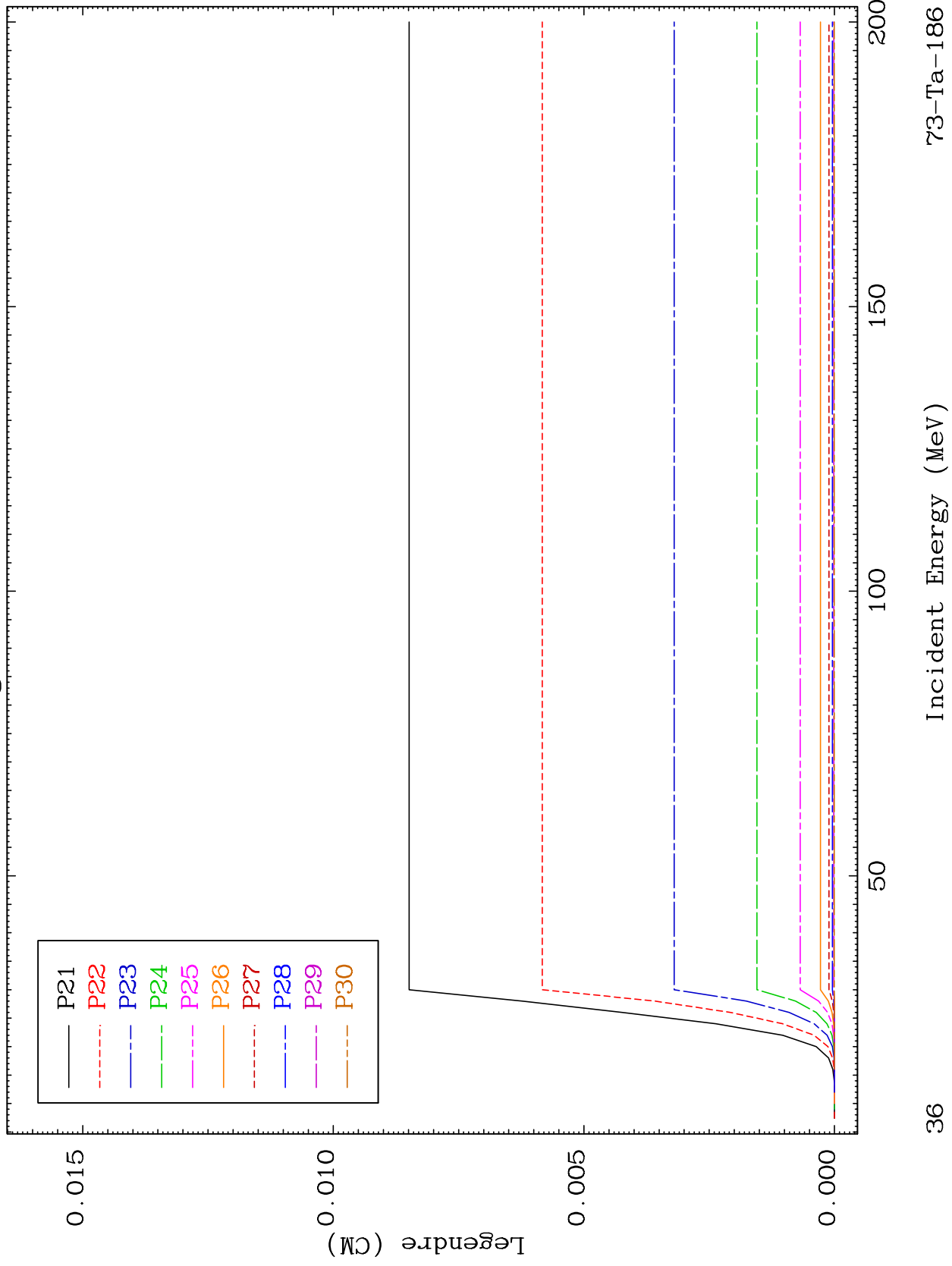
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



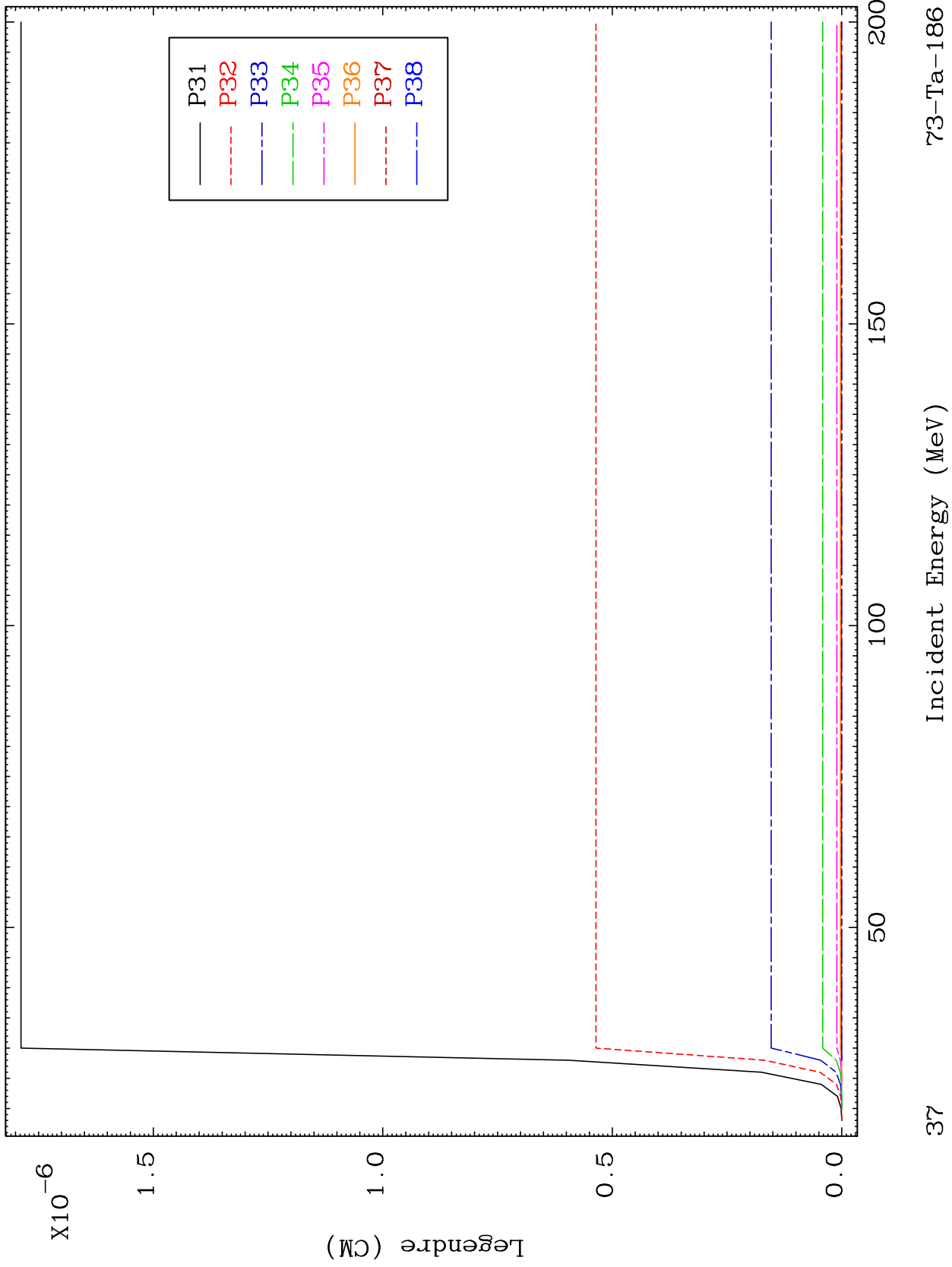
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73-Ta-186

MAT 7343

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

73-Ta-186



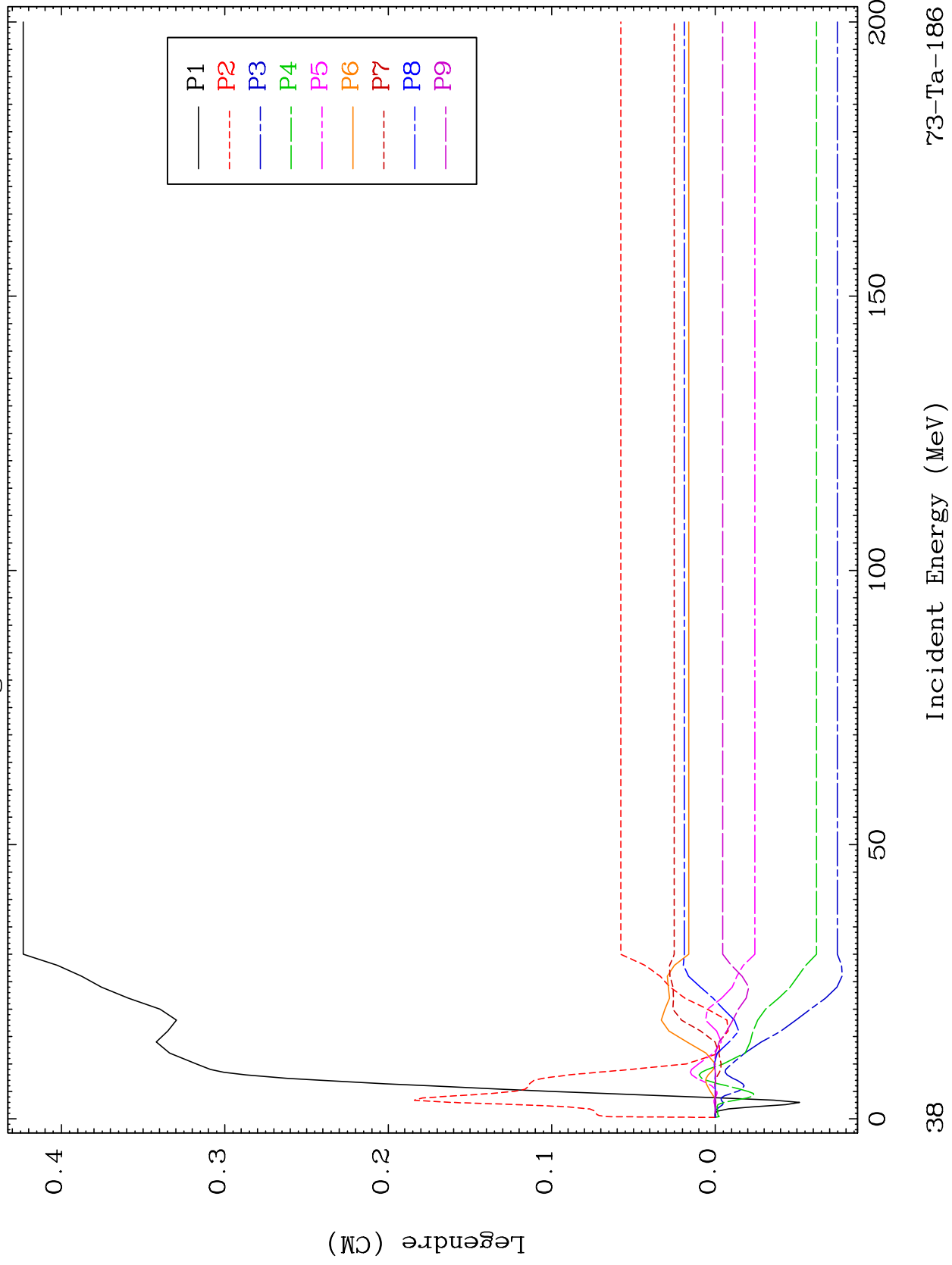
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73-Ta-186

MAT 7343

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

73-Ta-186



73-Ta-186

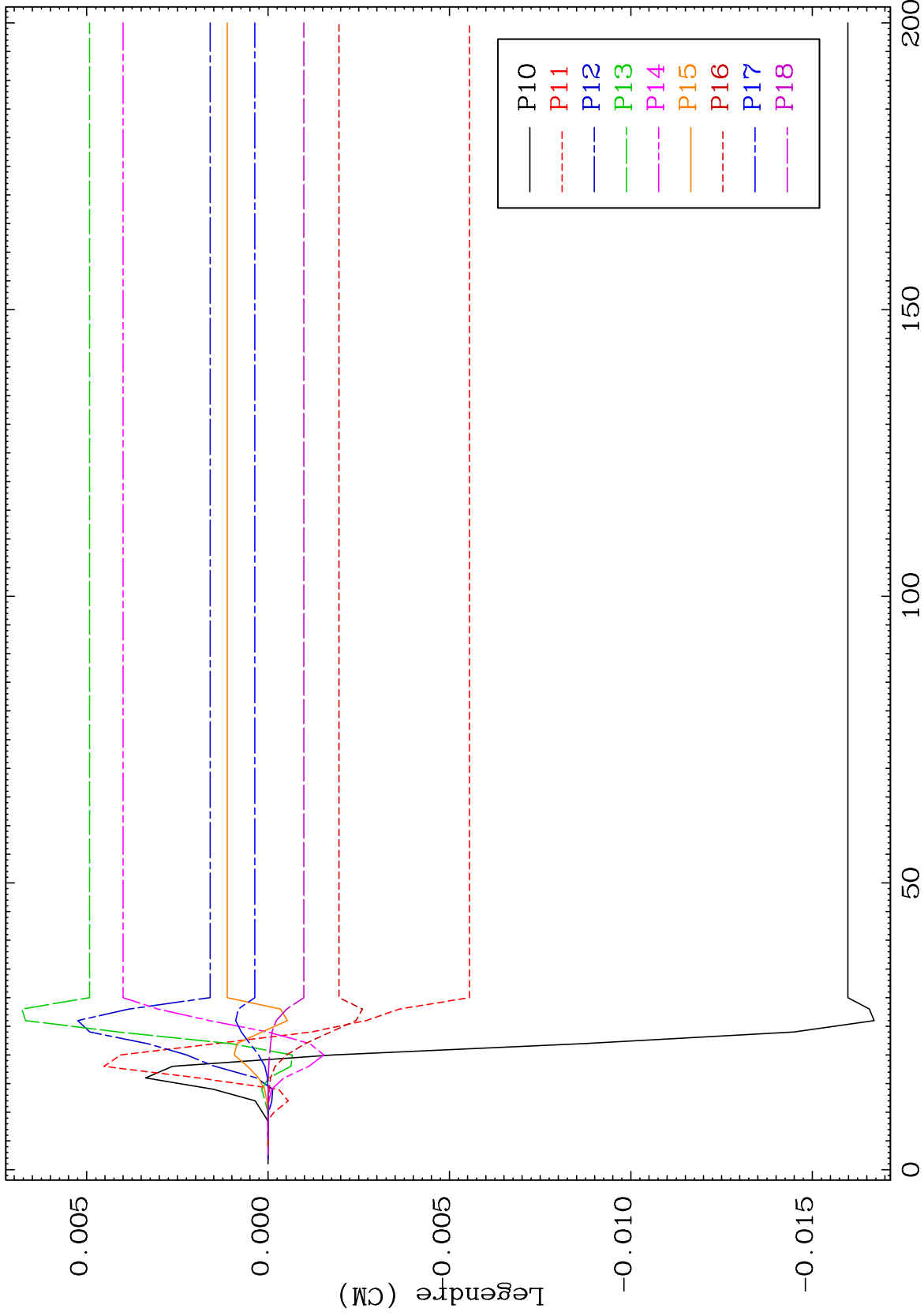
Incident Energy (MeV)

38

MAT 7343

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

73-Ta-186



39

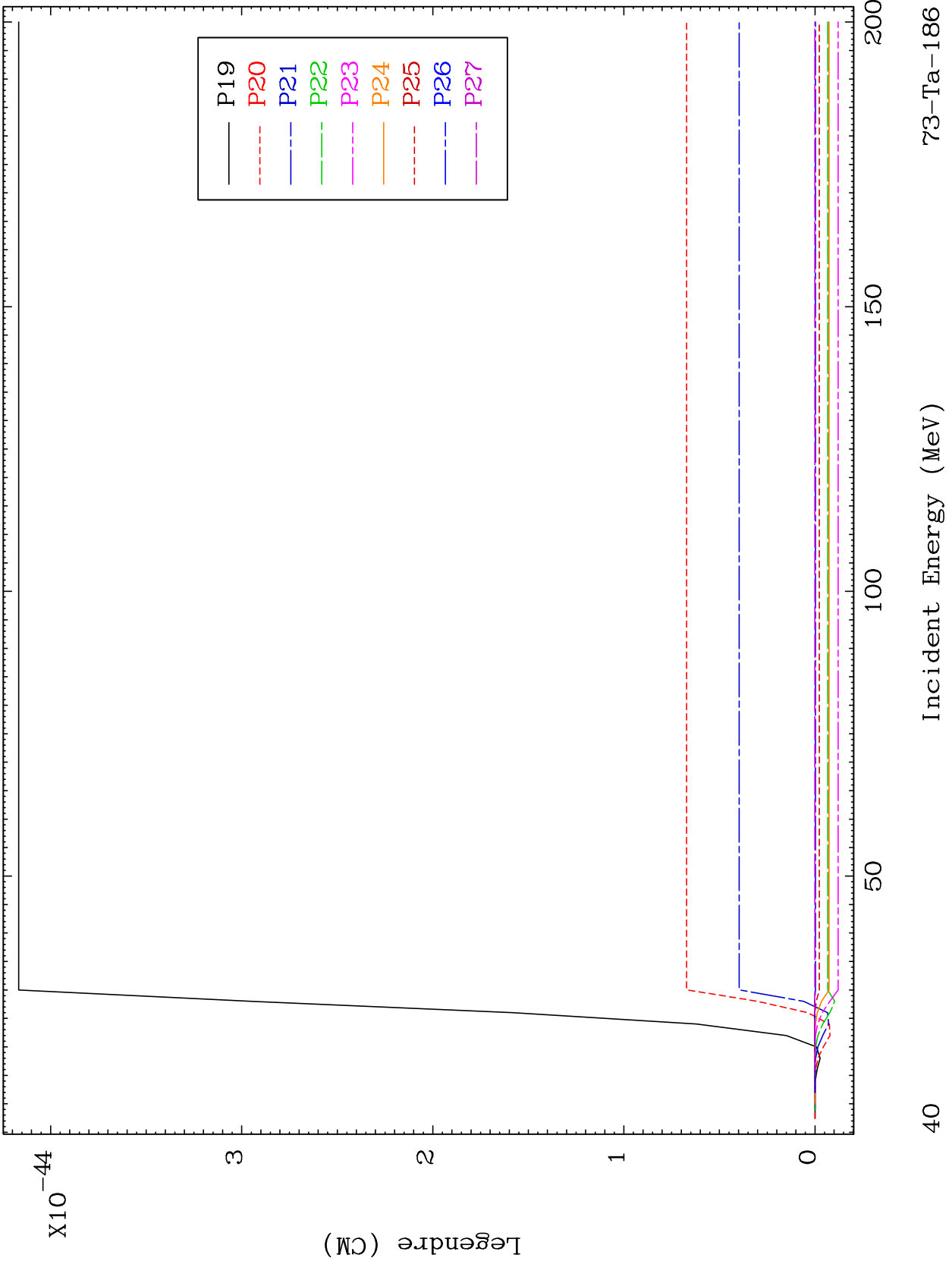
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



40

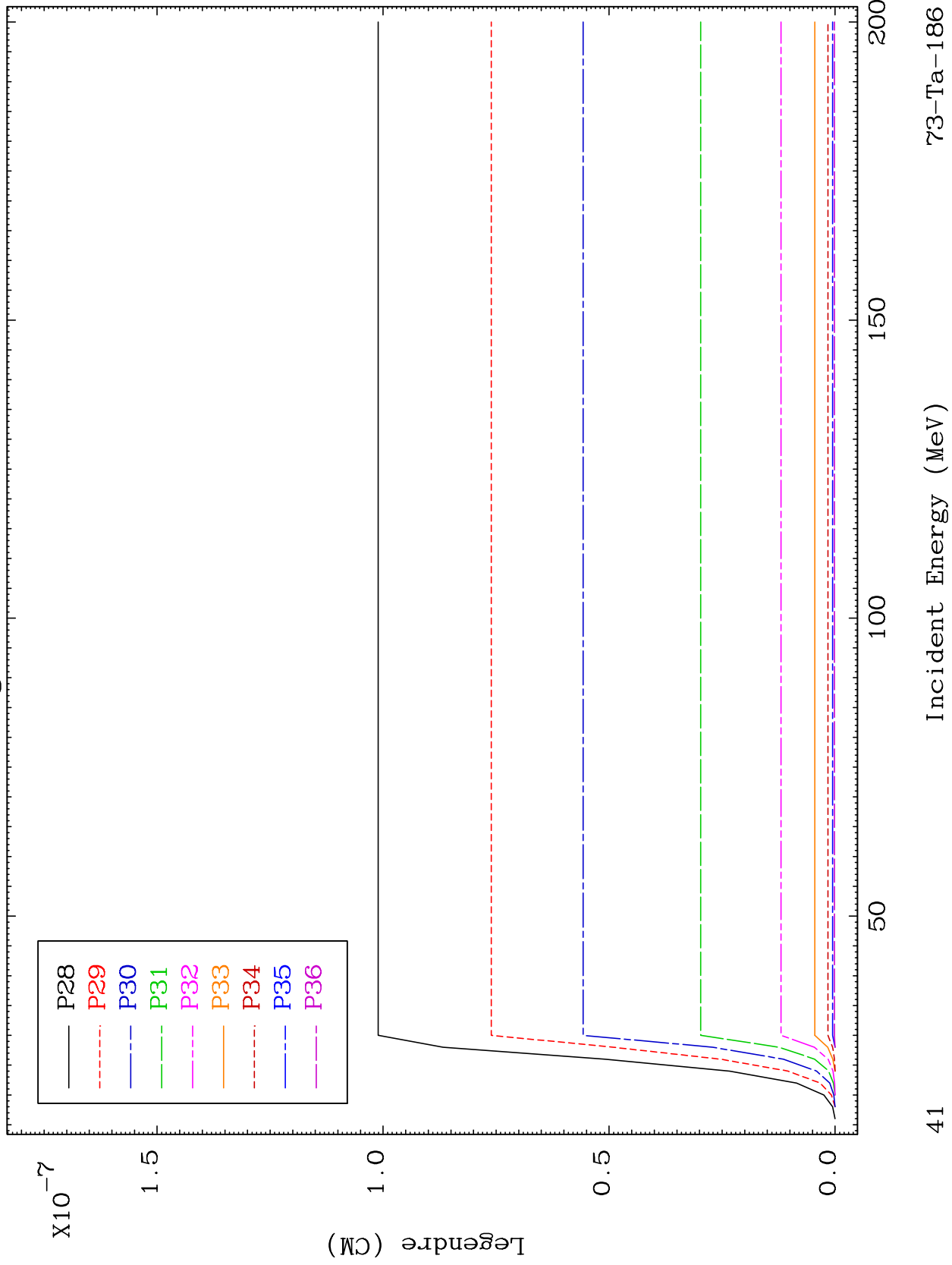
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

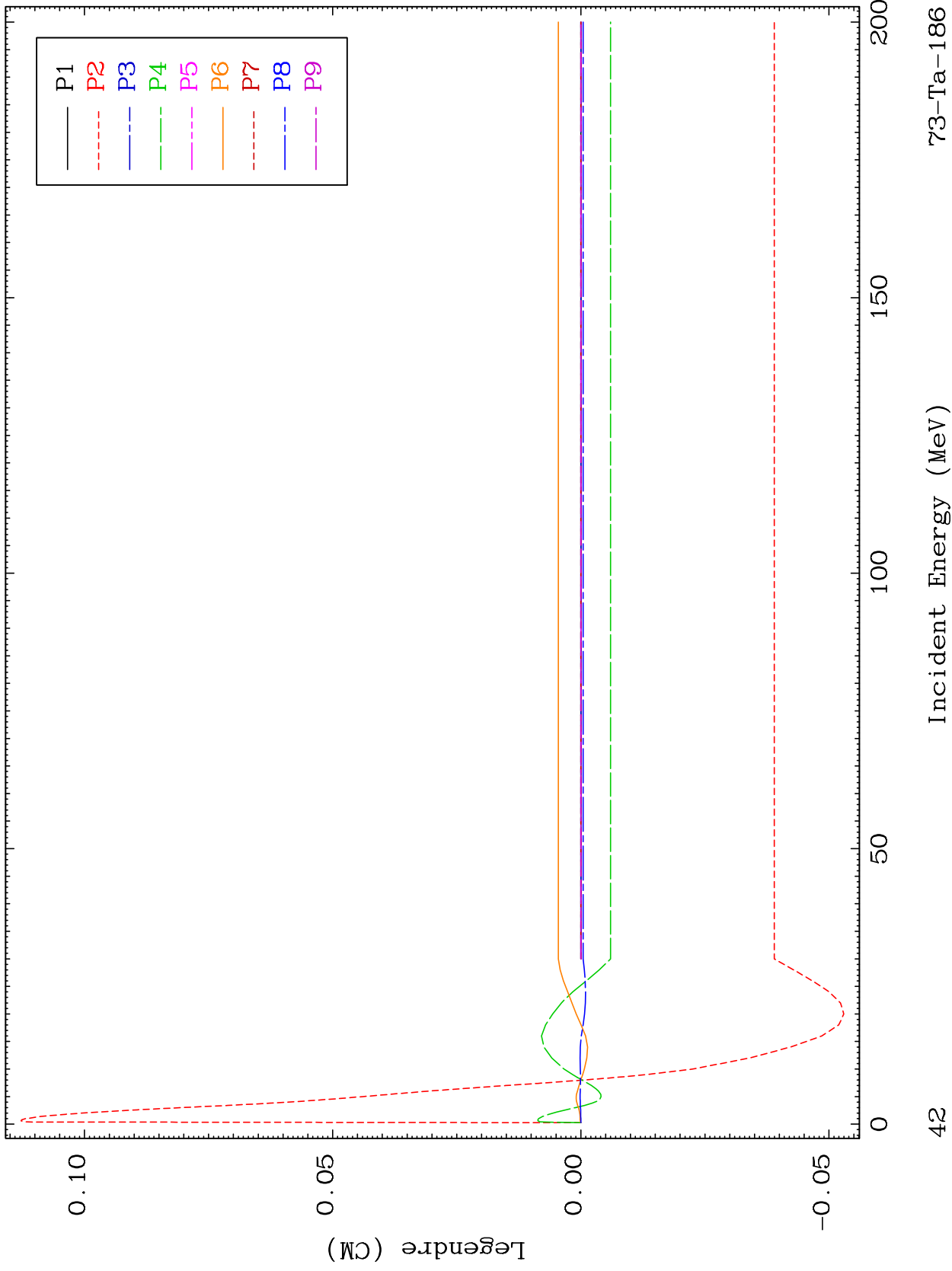
73-Ta-186



MAT 7343

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

73-Ta-186



73-Ta-186

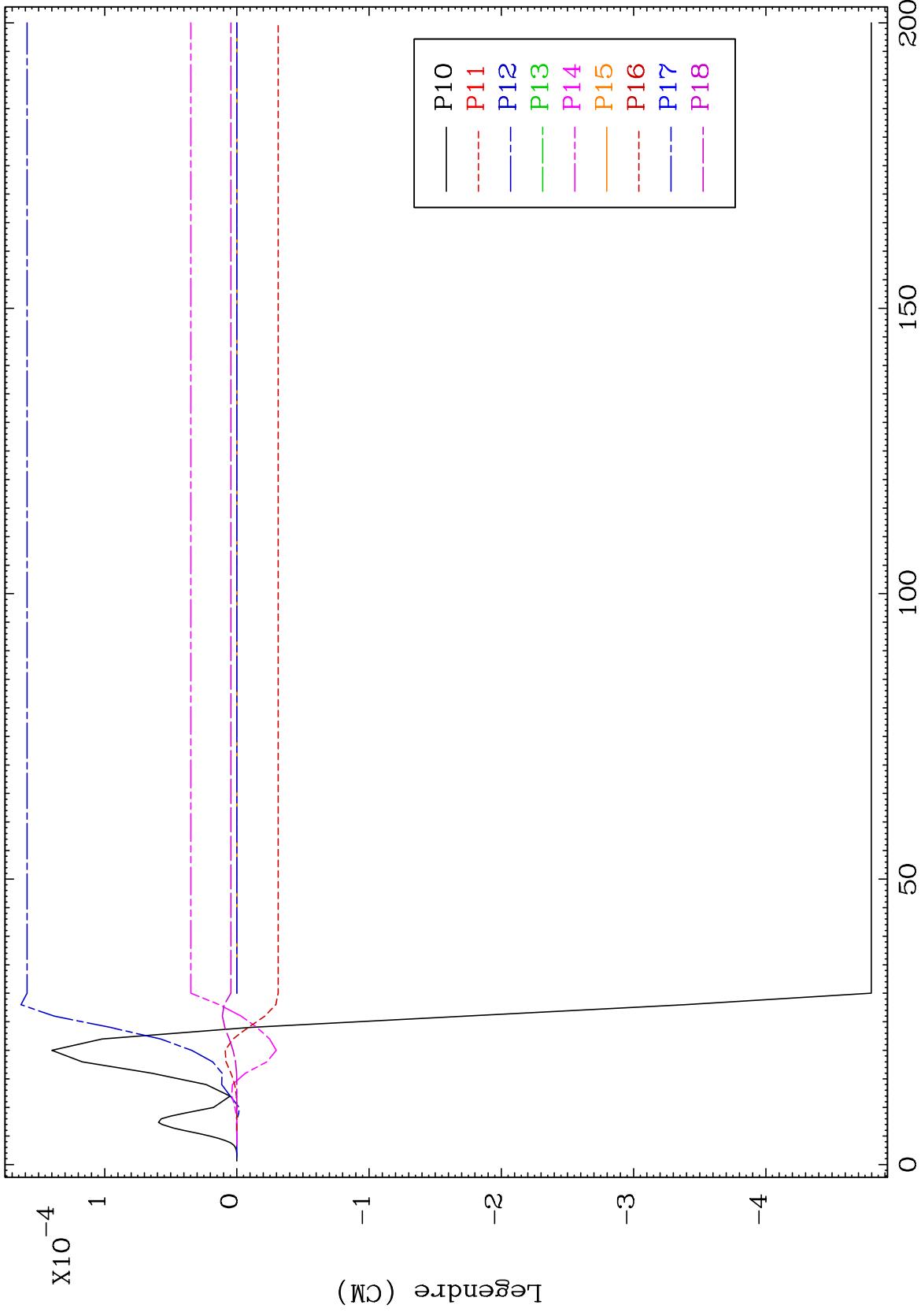
Incident Energy (MeV)

42

MAT 7343

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

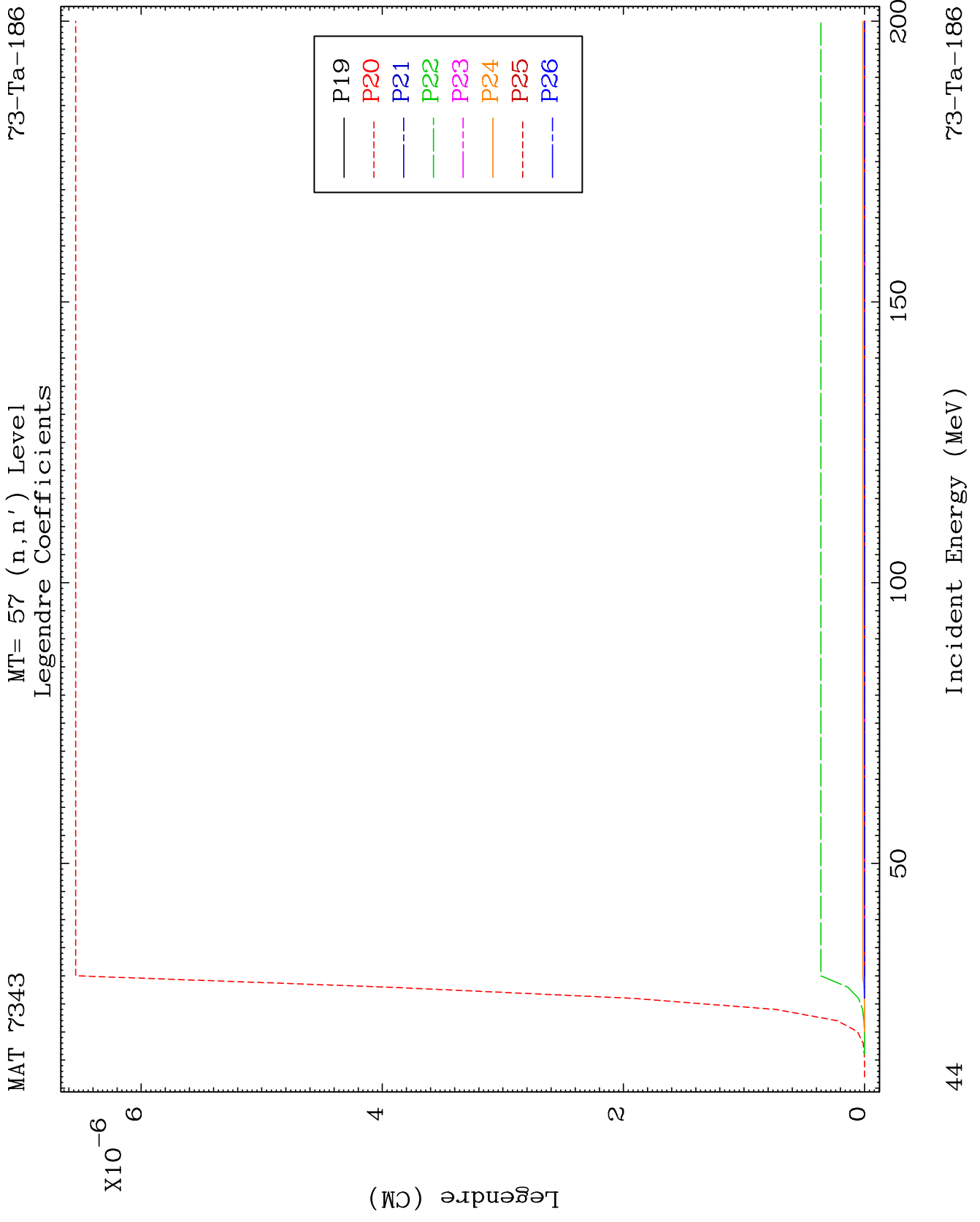
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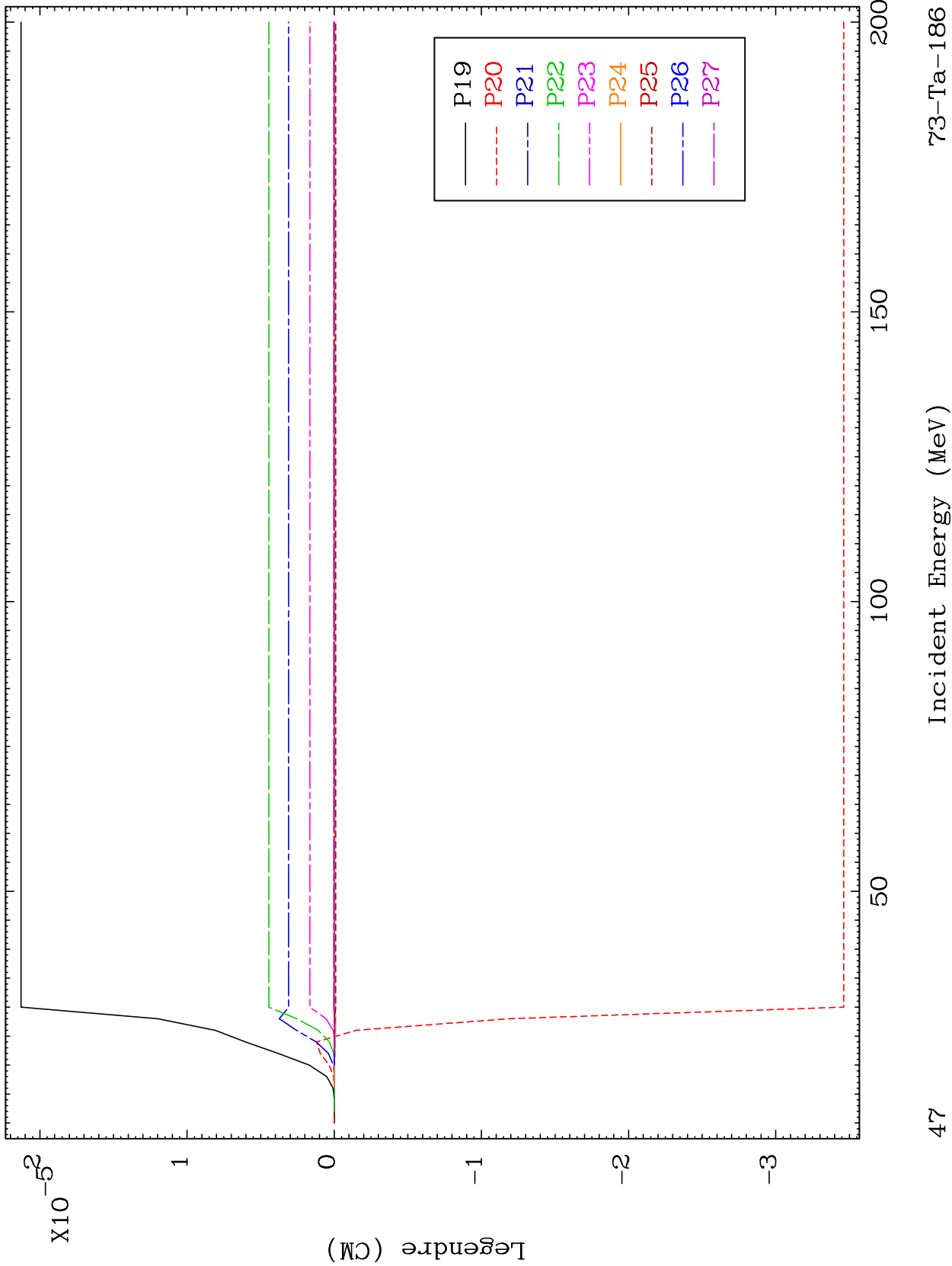


43

Incident Energy (MeV)

73-Ta-186

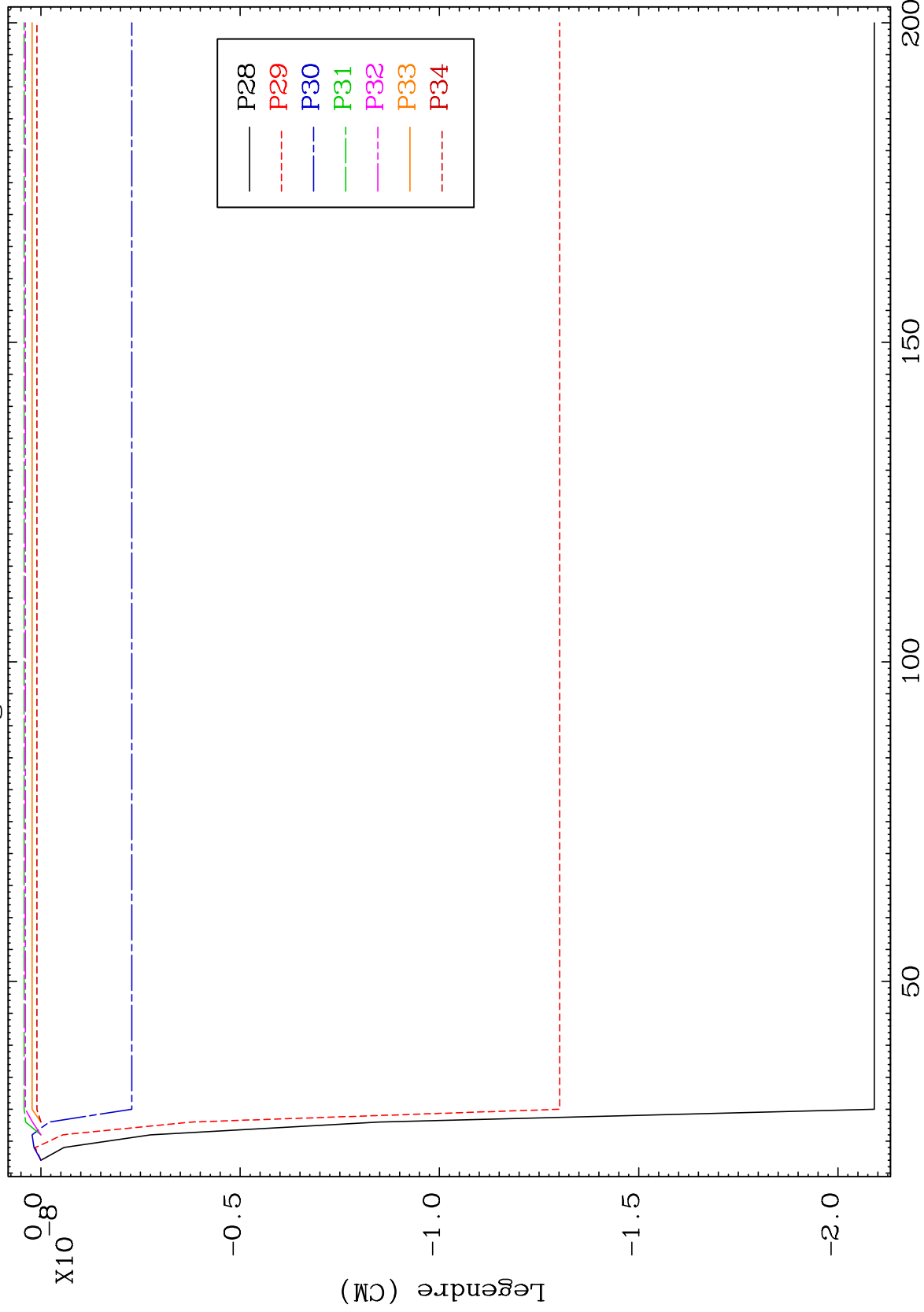




MAT 7343

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

73-Ta-186



48

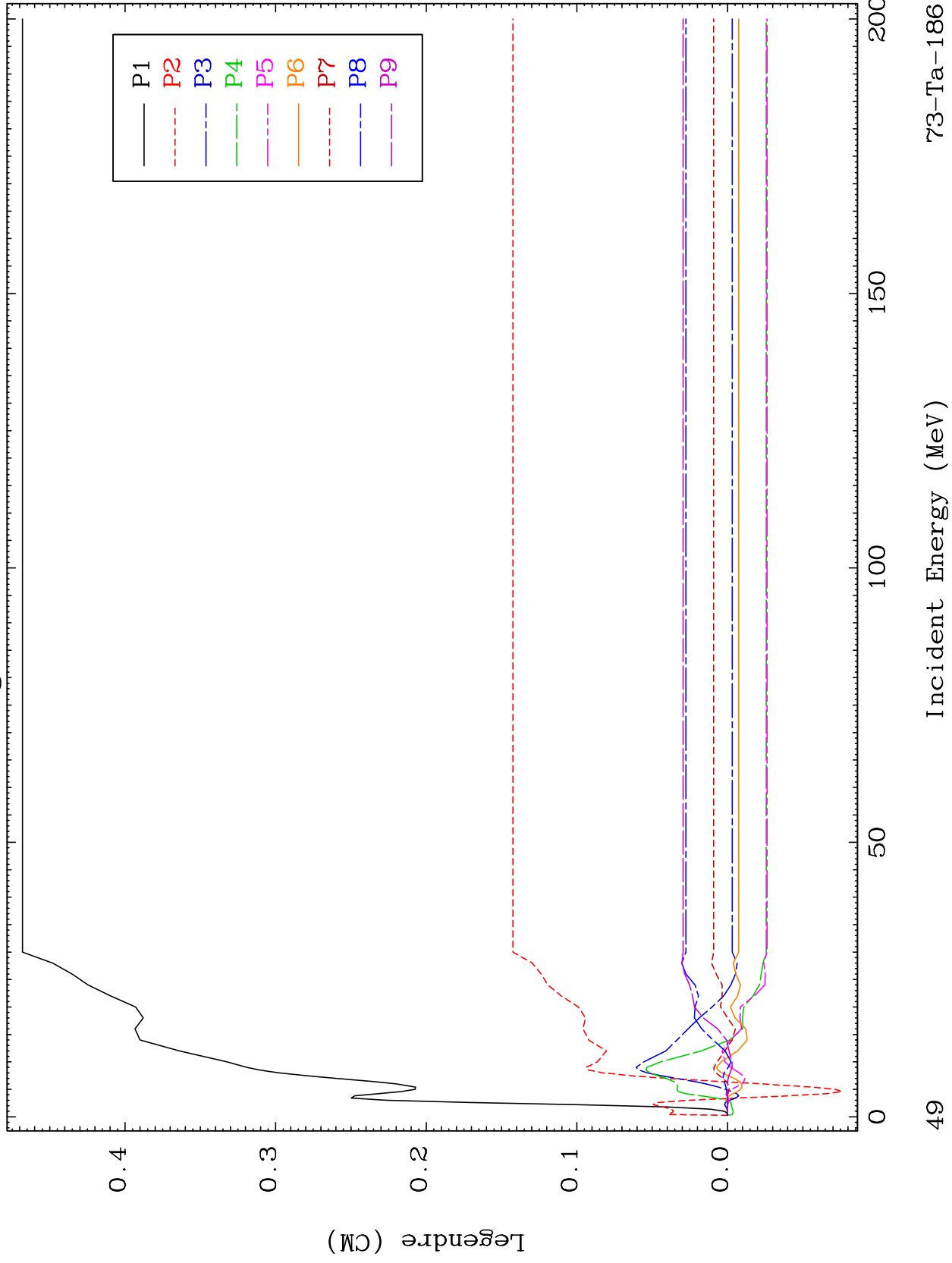
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

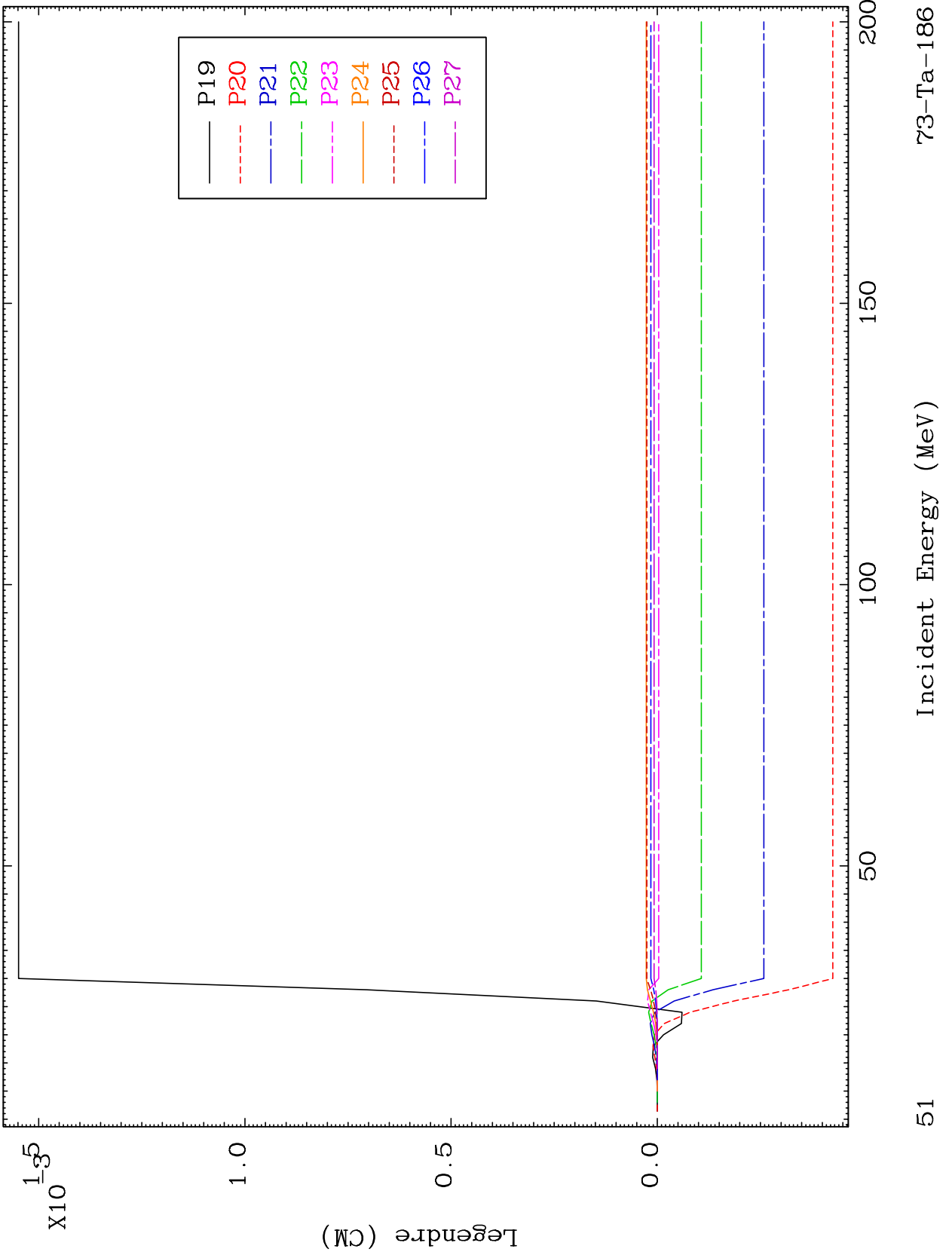
73-Ta-186



73-Ta-186

Incident Energy (MeV)

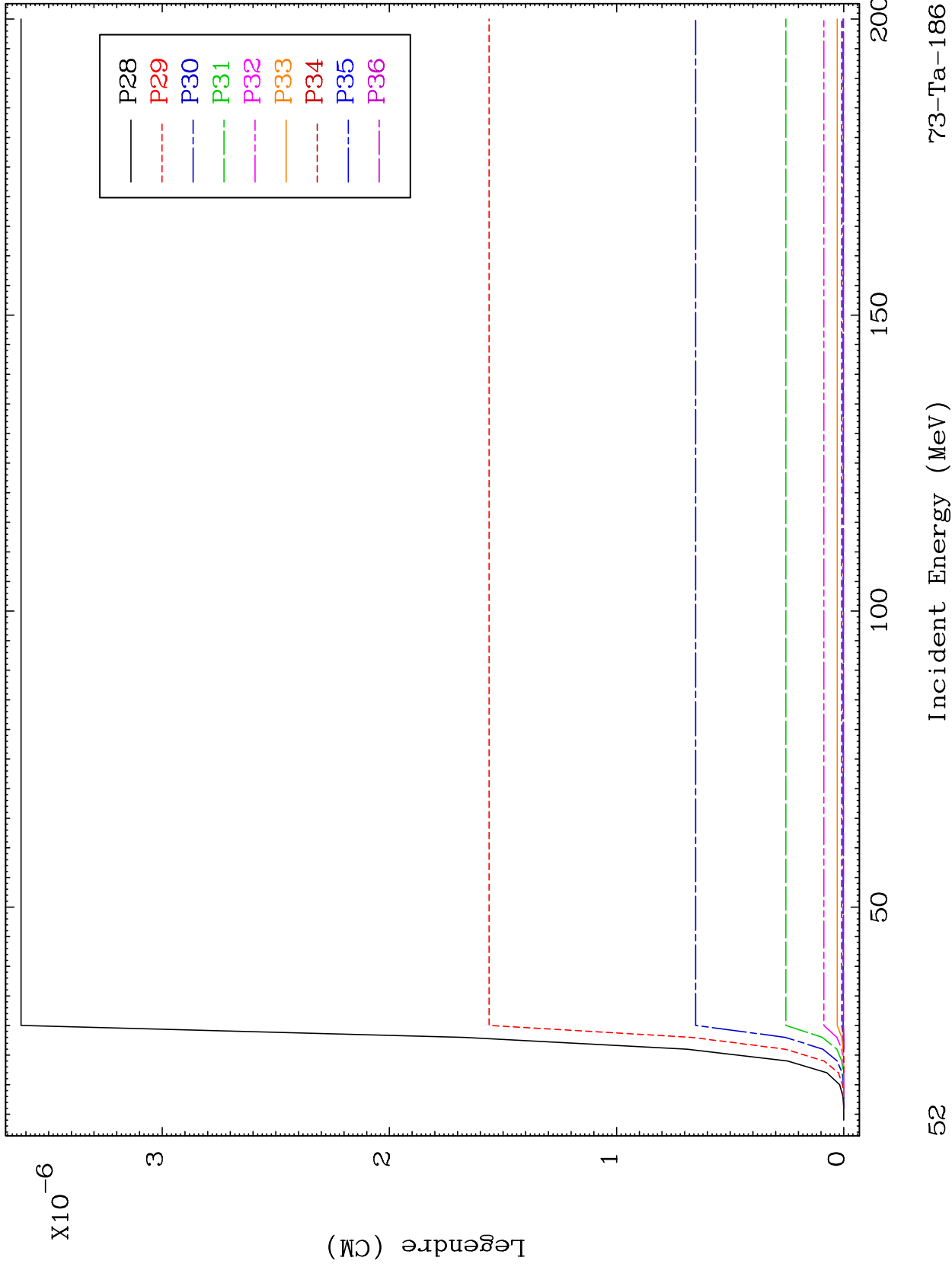
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MAT 7343

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

73-Ta-186



52

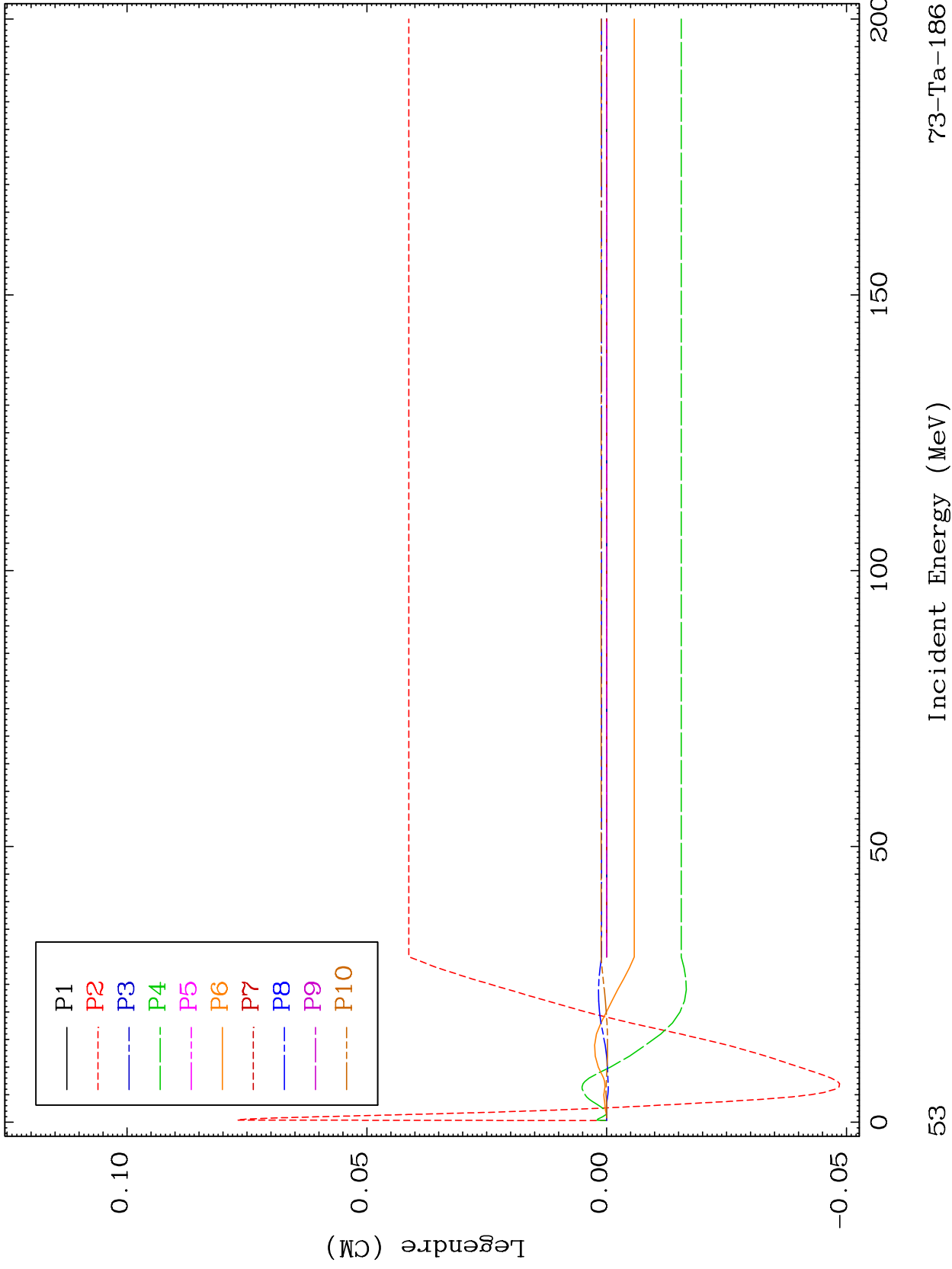
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



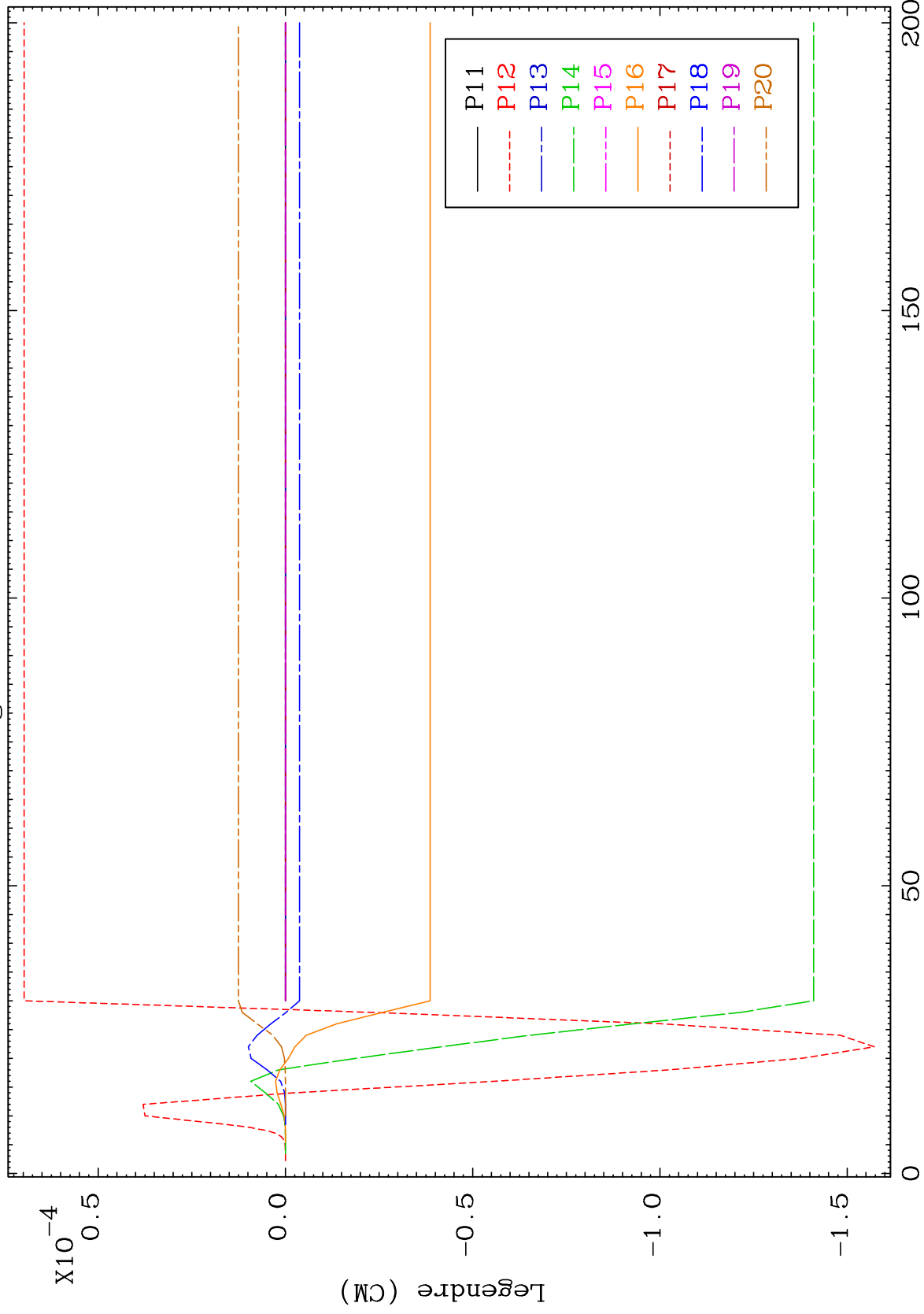
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73-Ta-186

MAT 7343

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

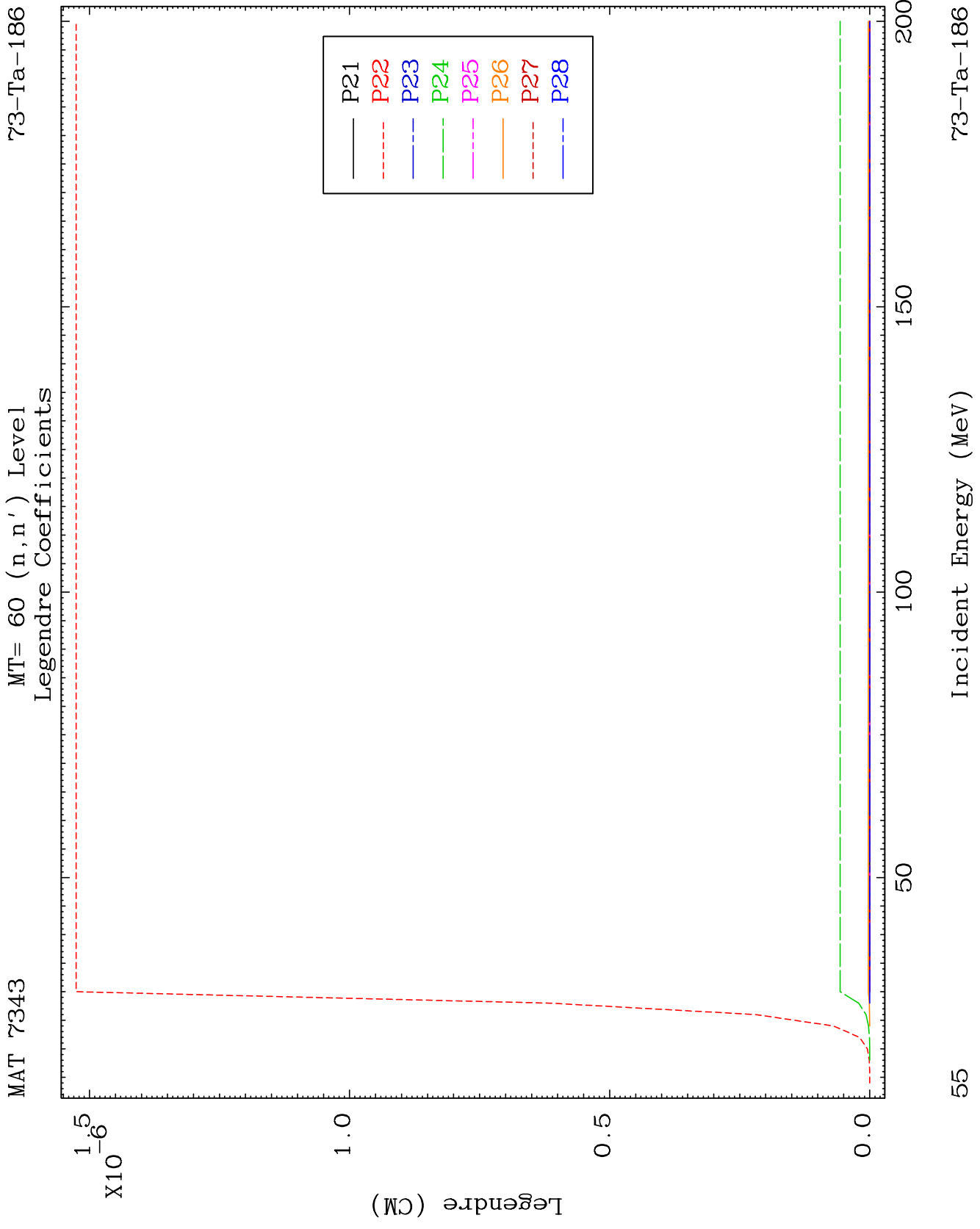
73-Ta-186



54

Incident Energy (MeV)

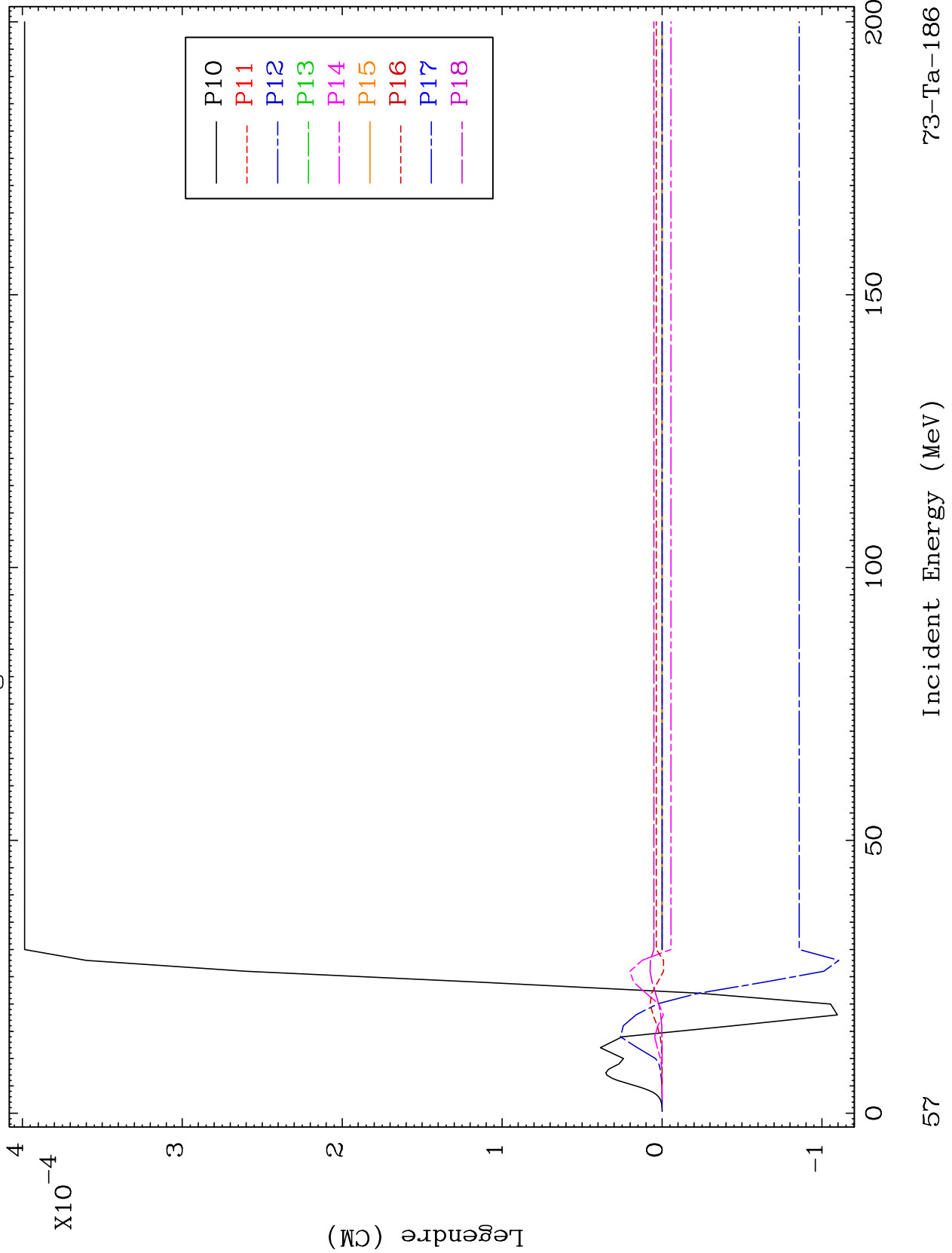
73-Ta-186



MAT 7343

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

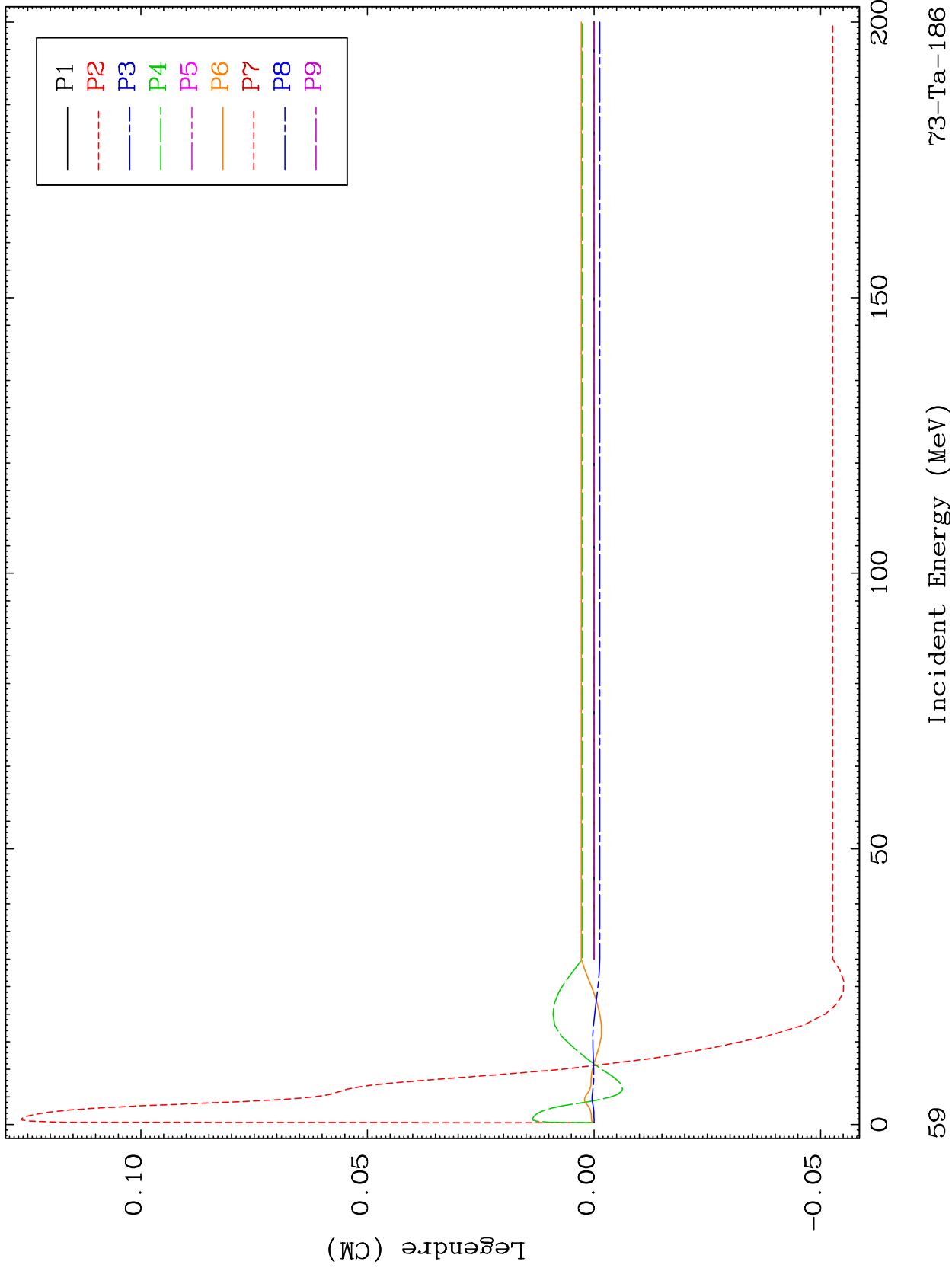
73-Ta-186



MAT 7343

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

73-Ta-186



73-Ta-186

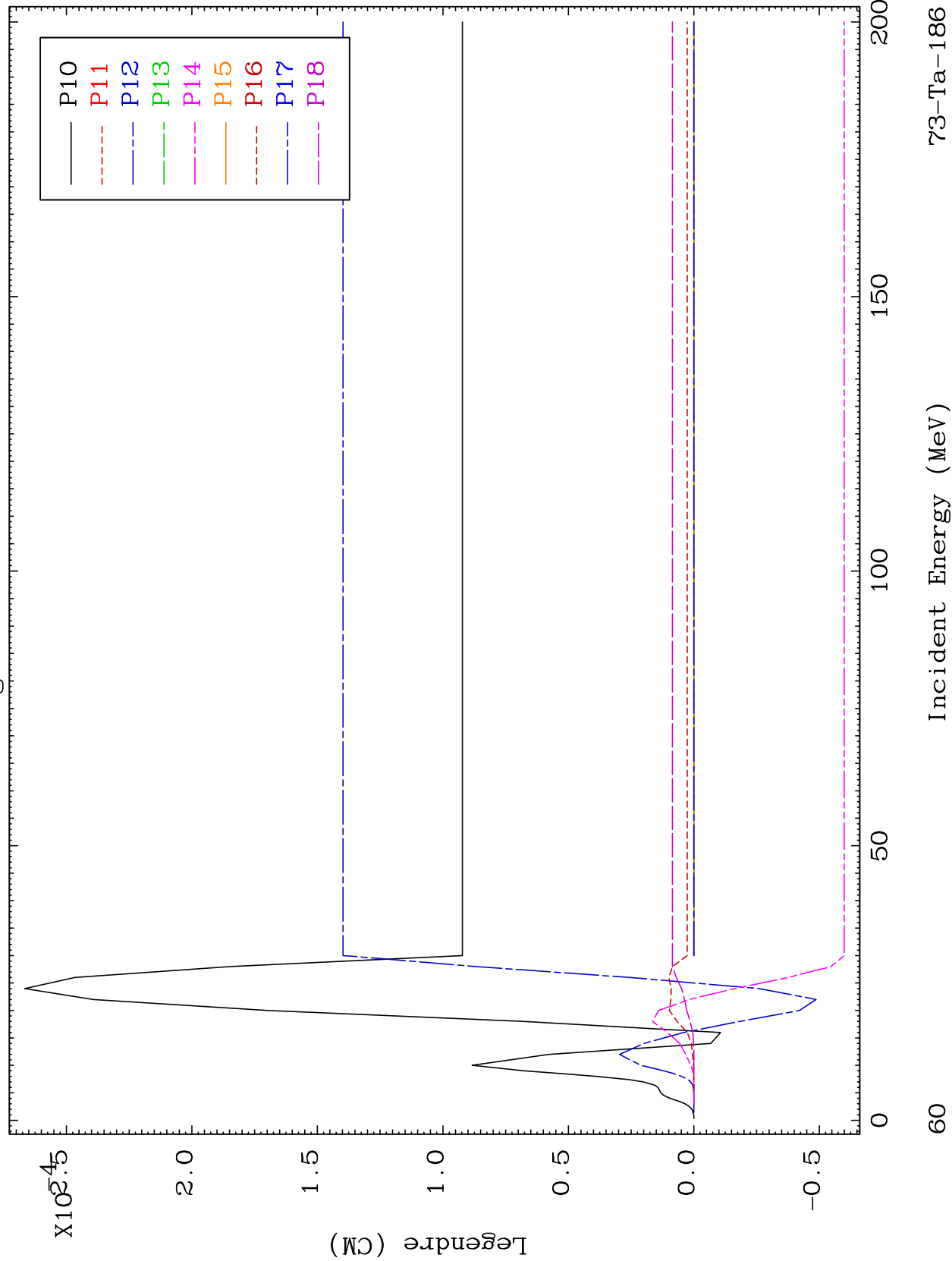
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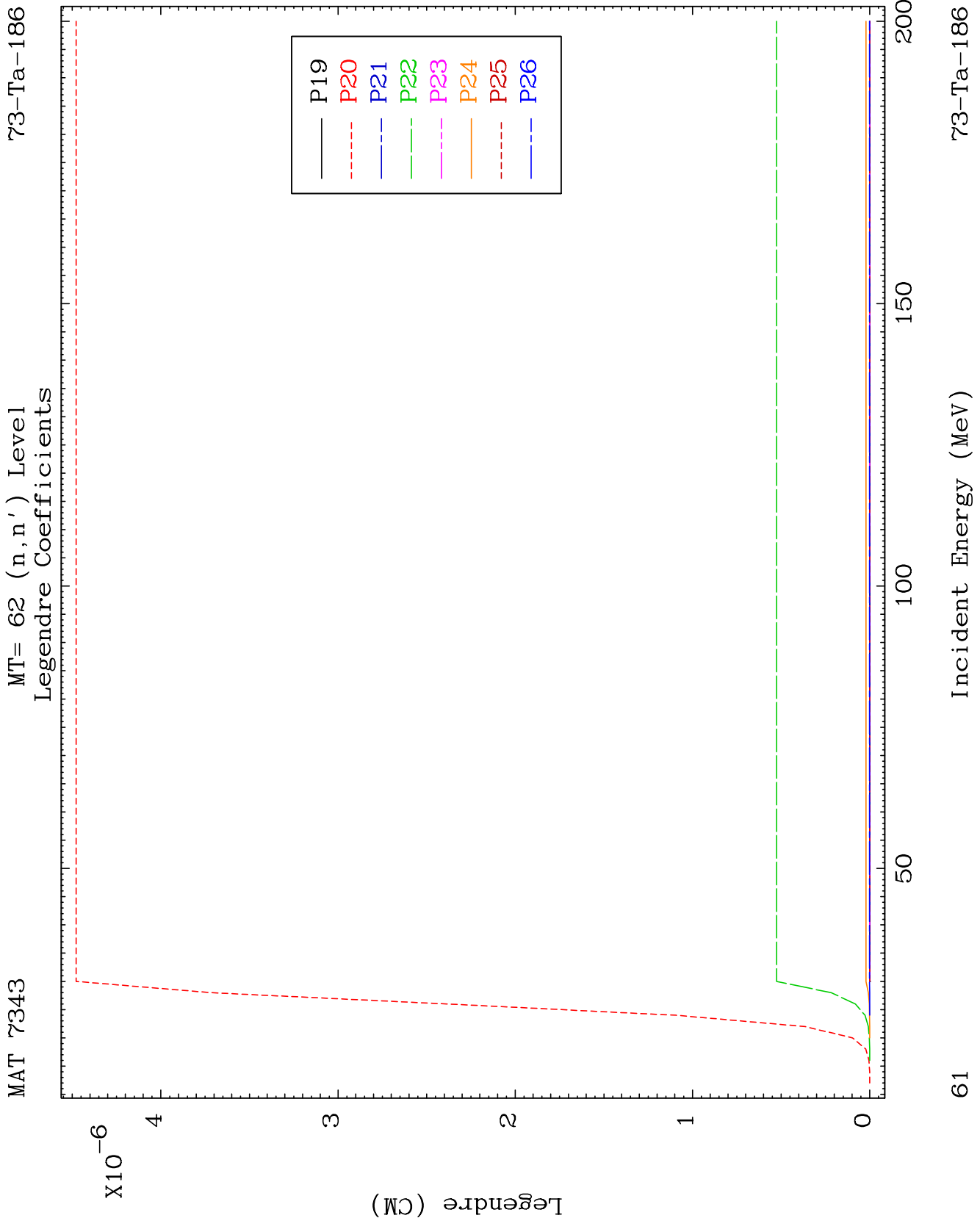
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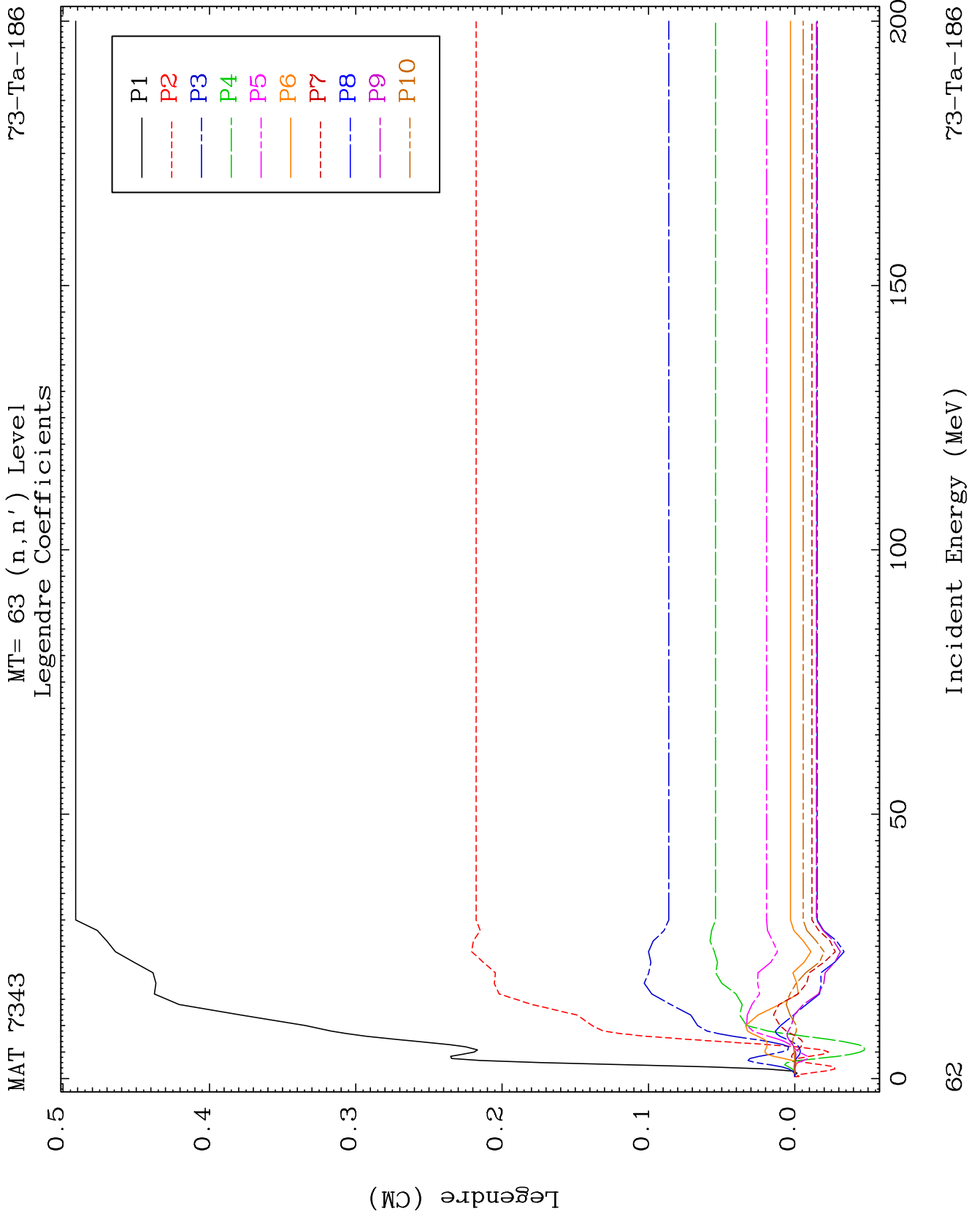
MAT 7343

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

73-Ta-186



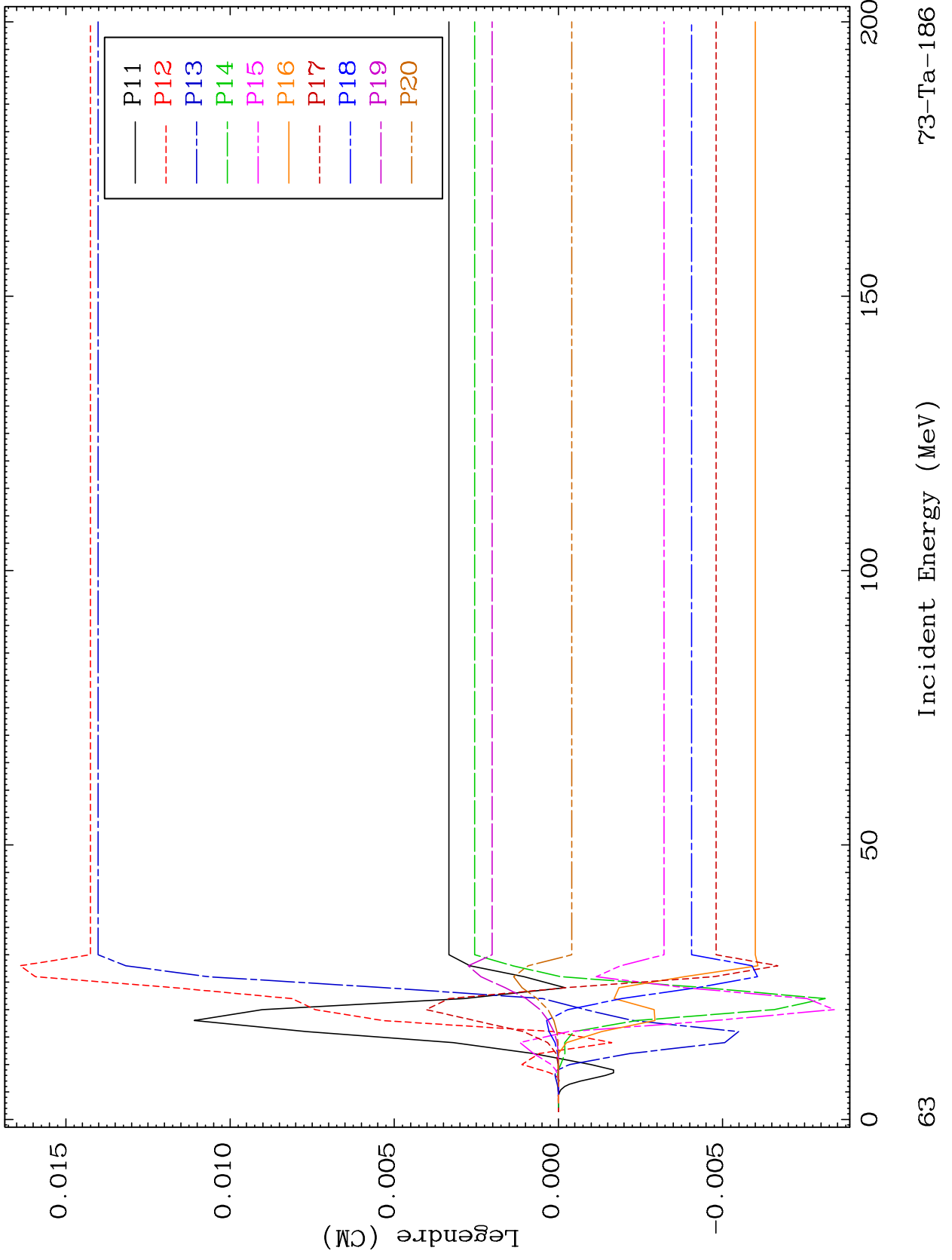




MAT 7343

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

73-Ta-186



73-Ta-186

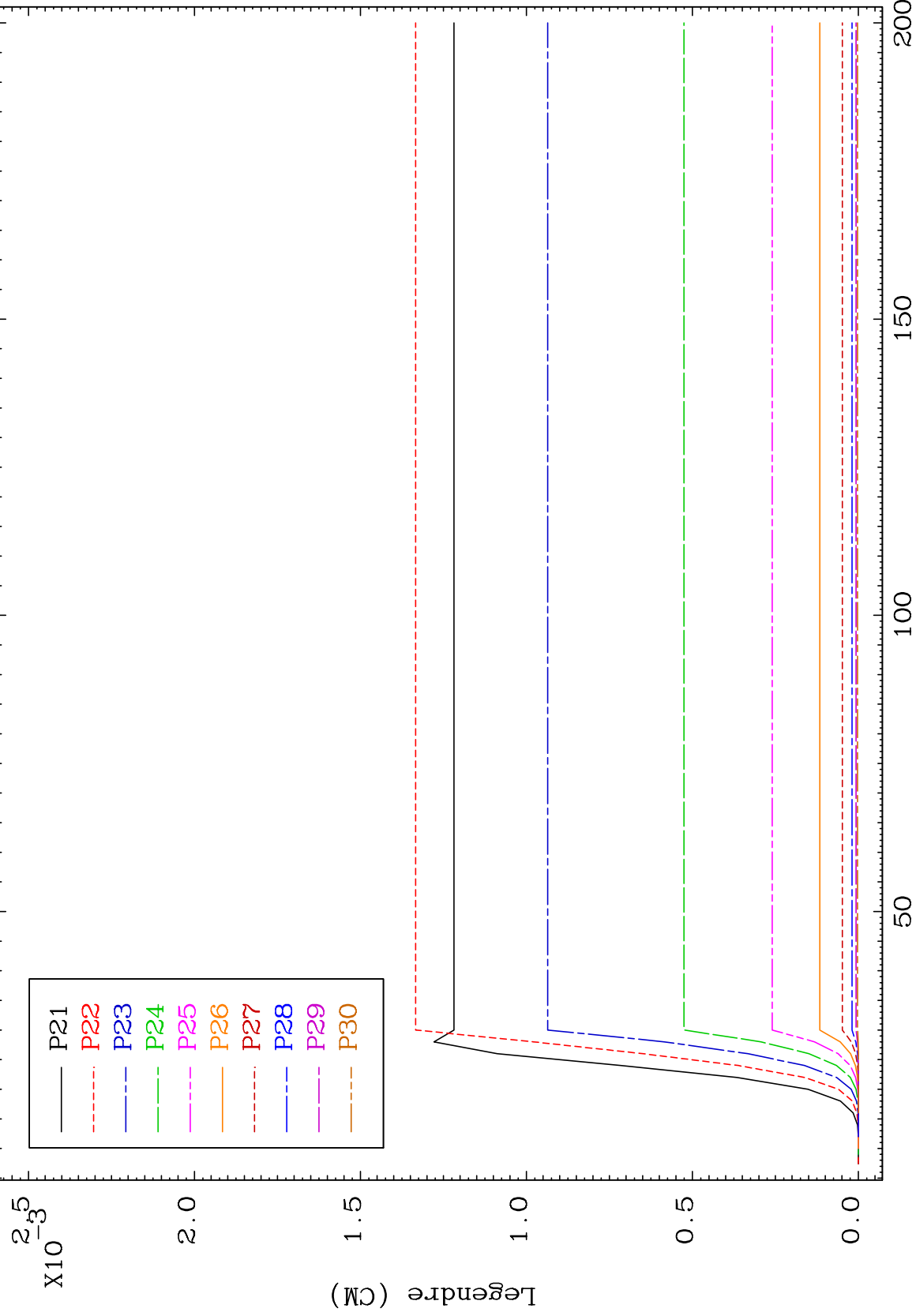
Incident Energy (MeV)

63

MAT 7343

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

⁷³Ta-186



64

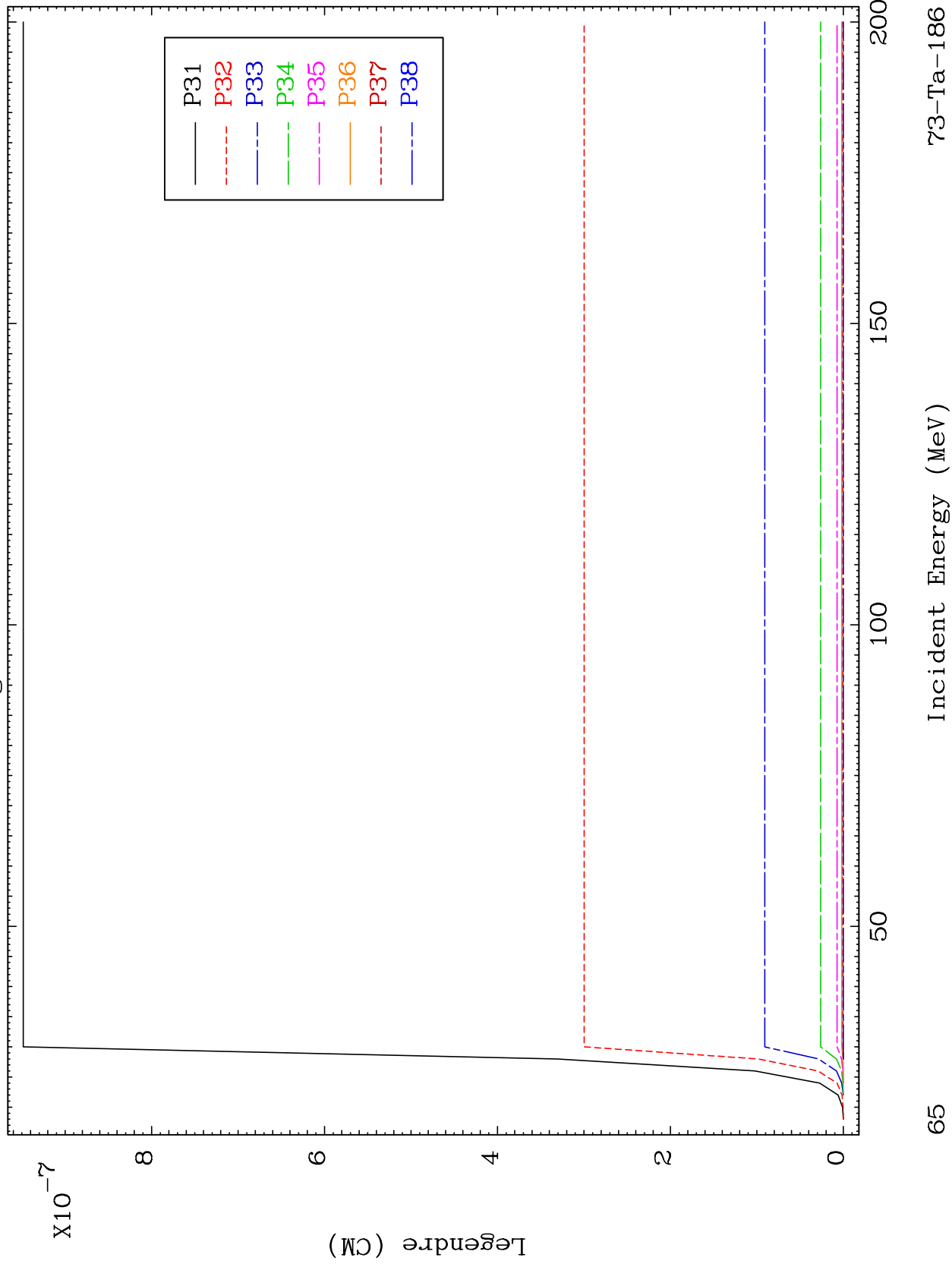
Incident Energy (MeV)

⁷³Ta-186

MAT 7343

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

73-Ta-186



73-Ta-186

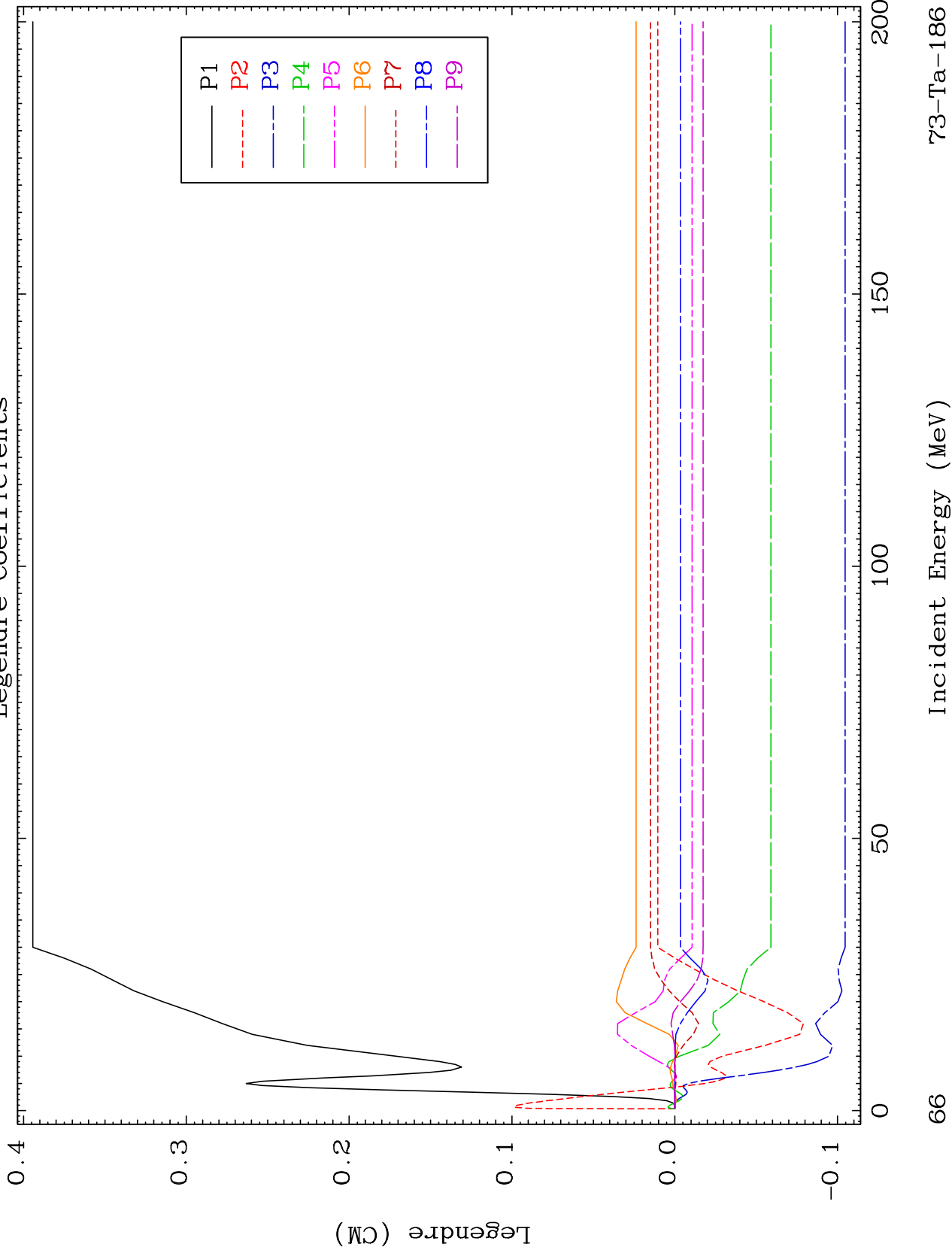
Incident Energy (MeV)

65

MAT 7343

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

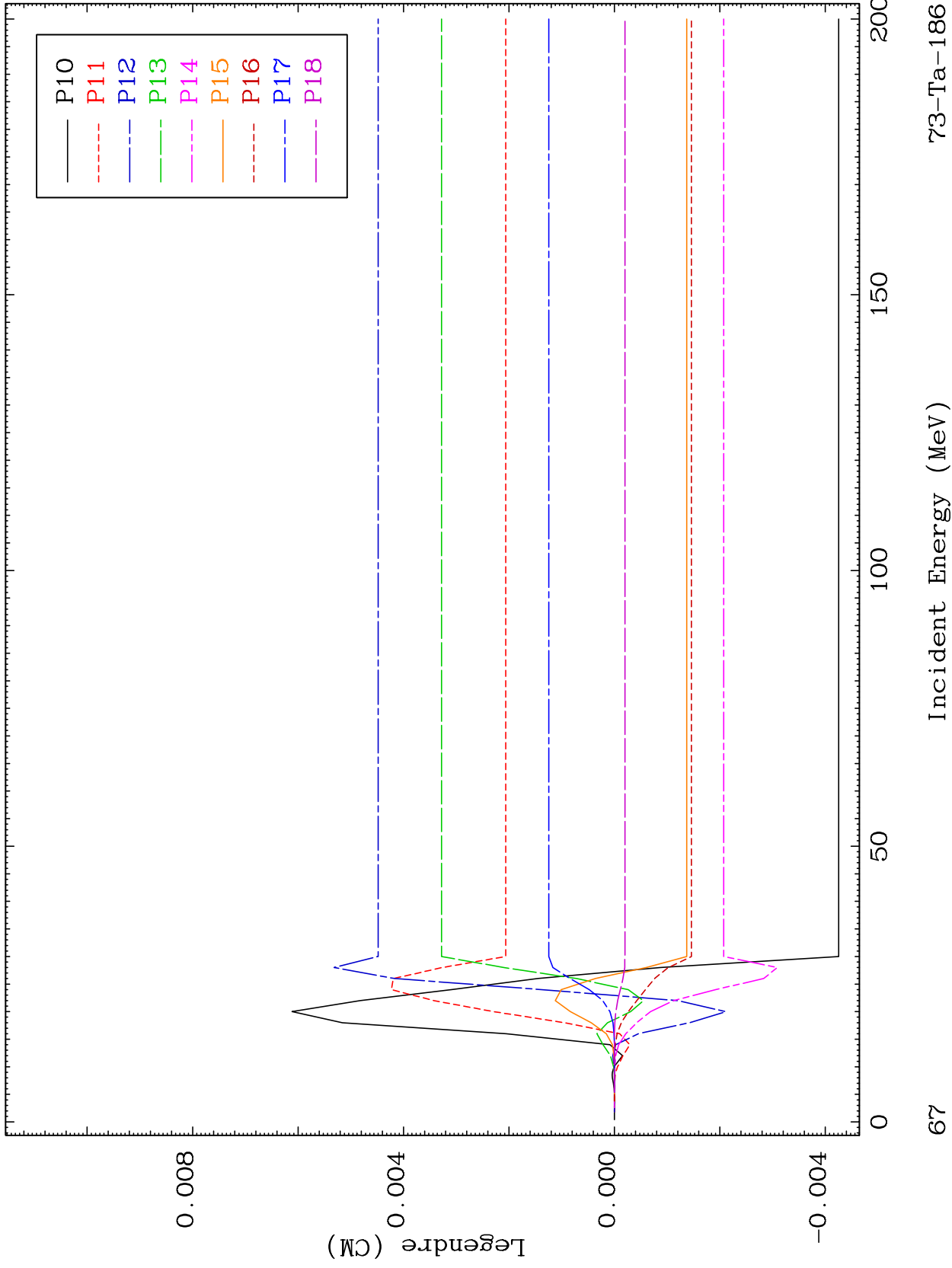
73-Ta-186



MAT 7343

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

73-Ta-186



67

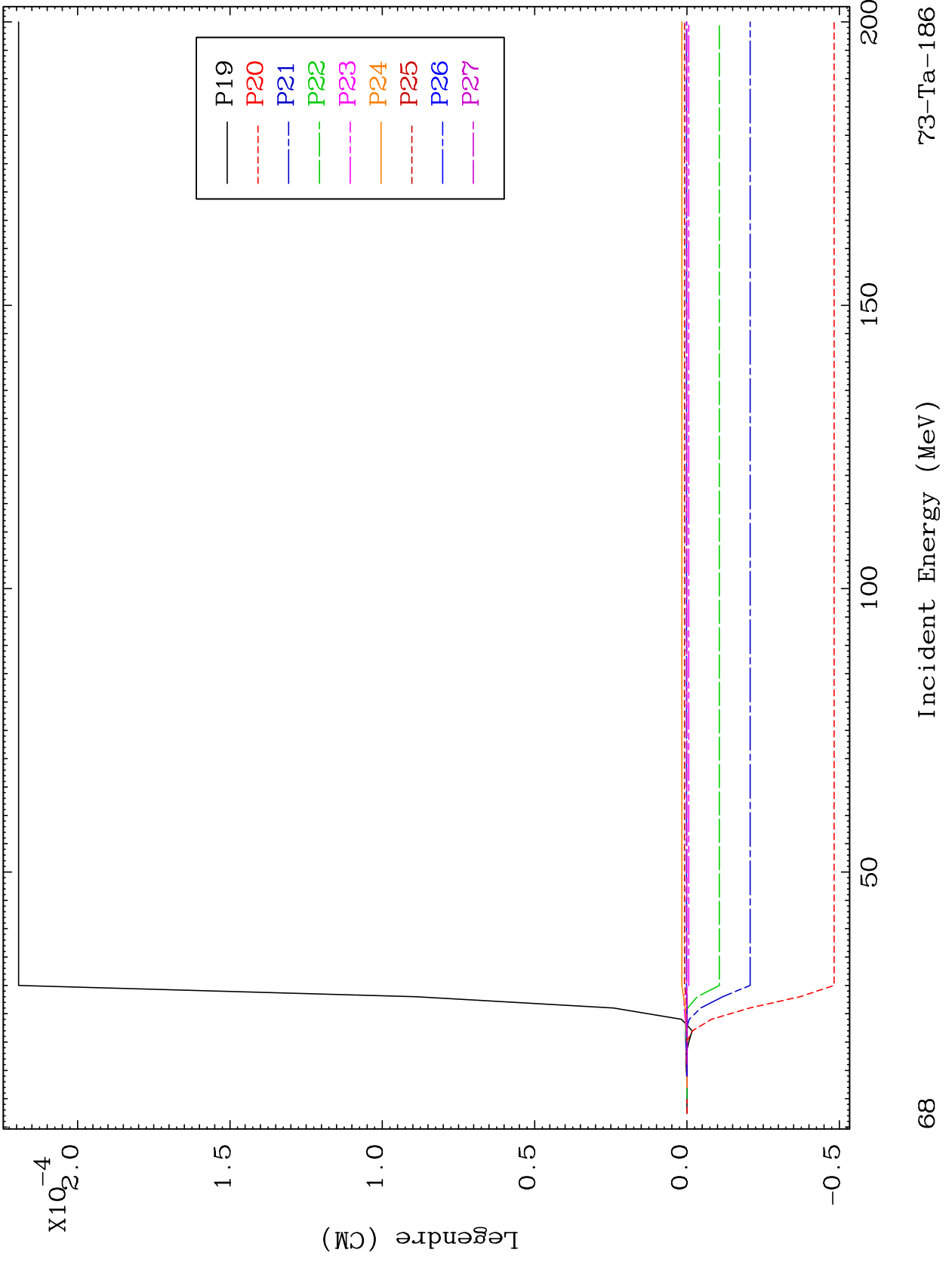
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

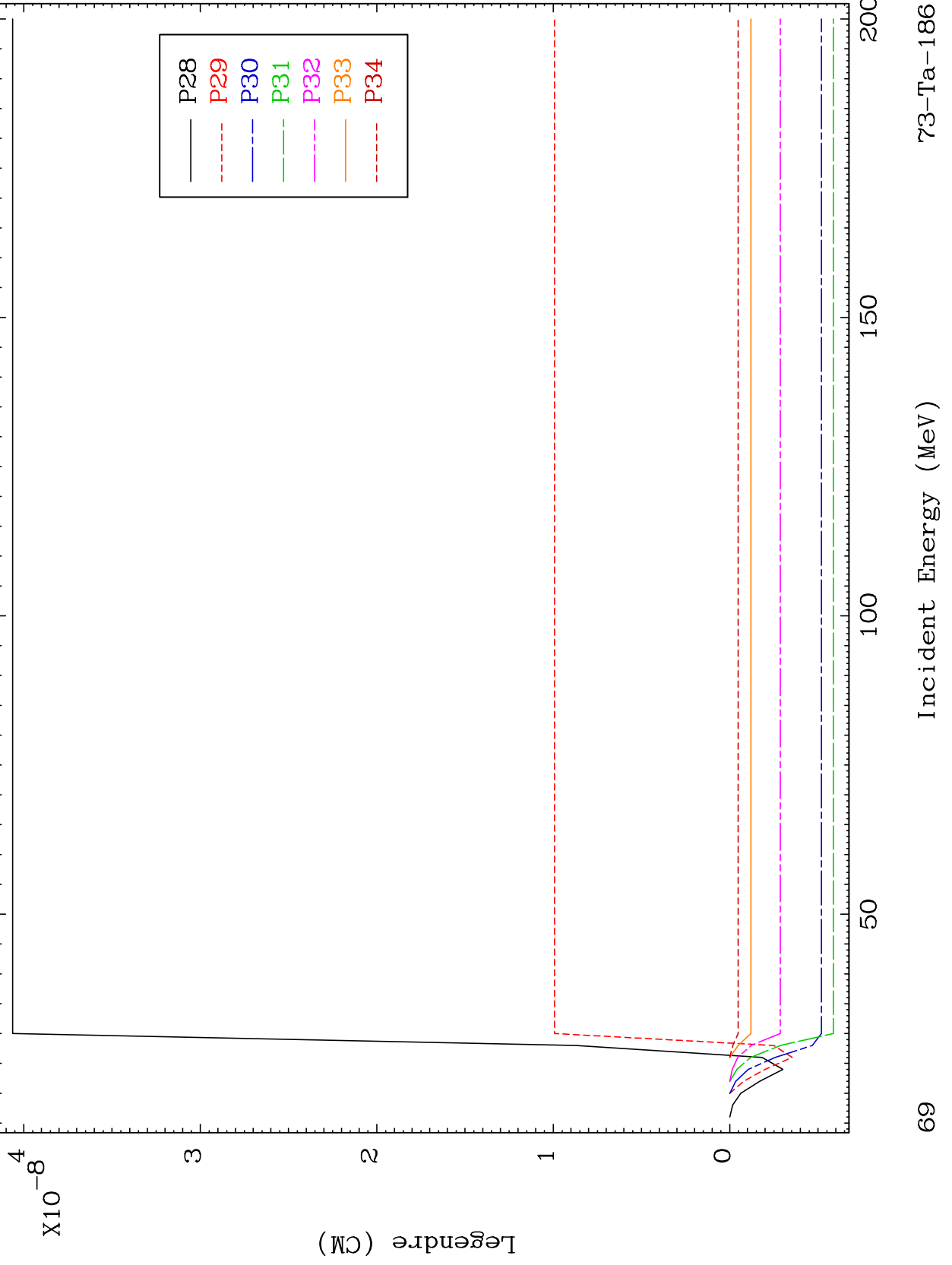
73-Ta-186



MAT 7343

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

73-Ta-186

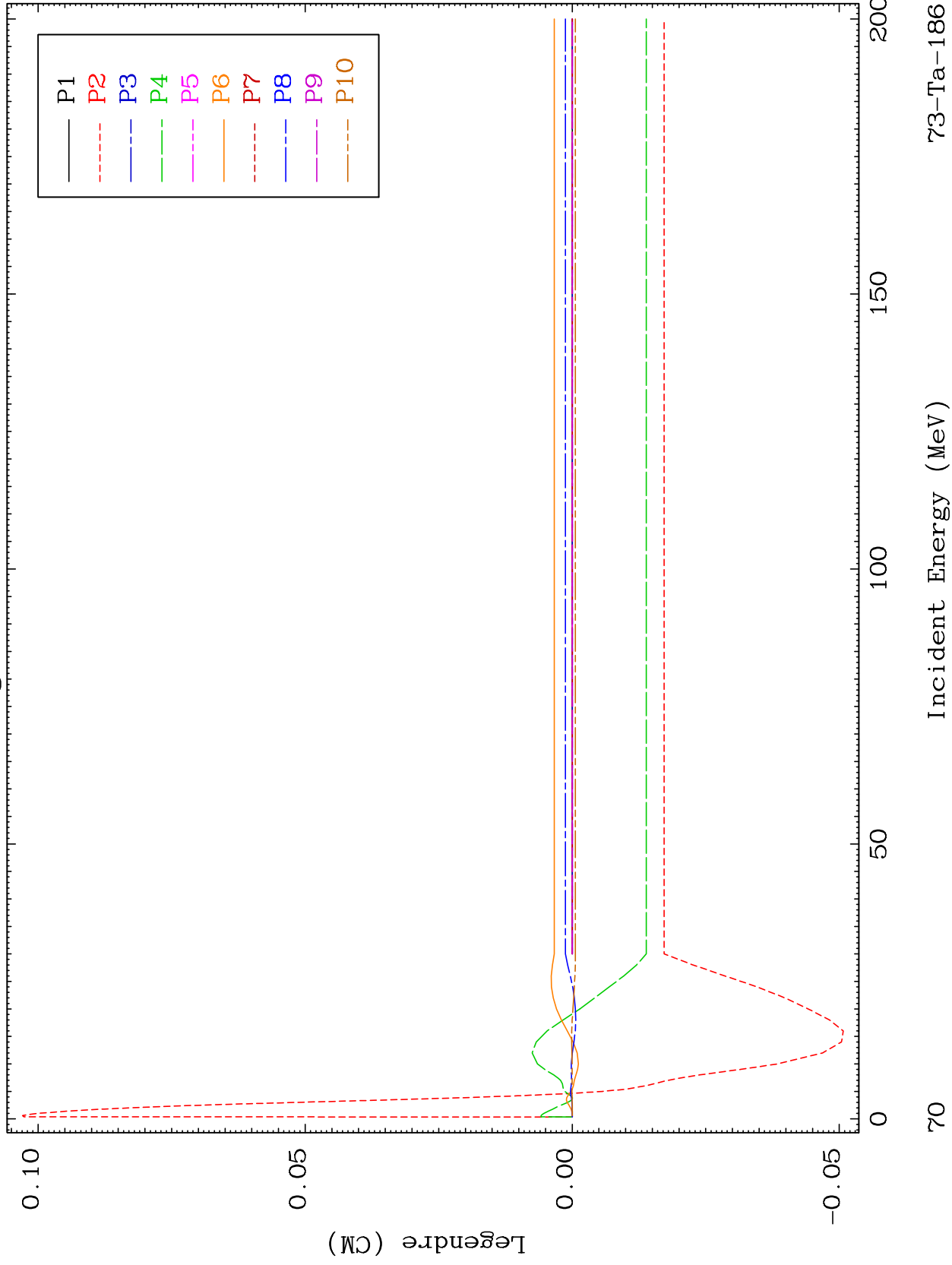


69

MAT 7343

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

73-Ta-186



73-Ta-186

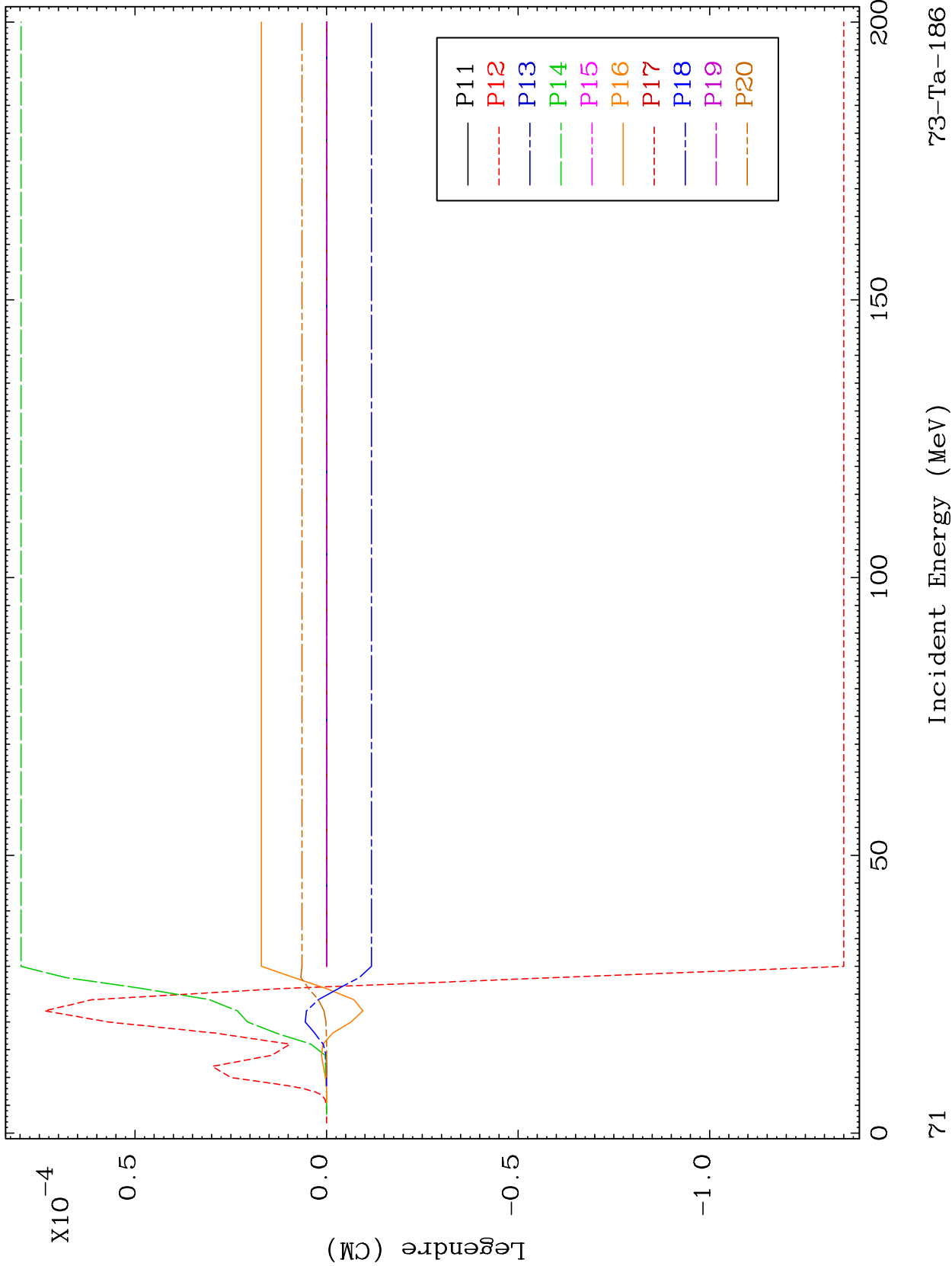
Incident Energy (MeV)

70

MAT 7343

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

73-Ta-186



71

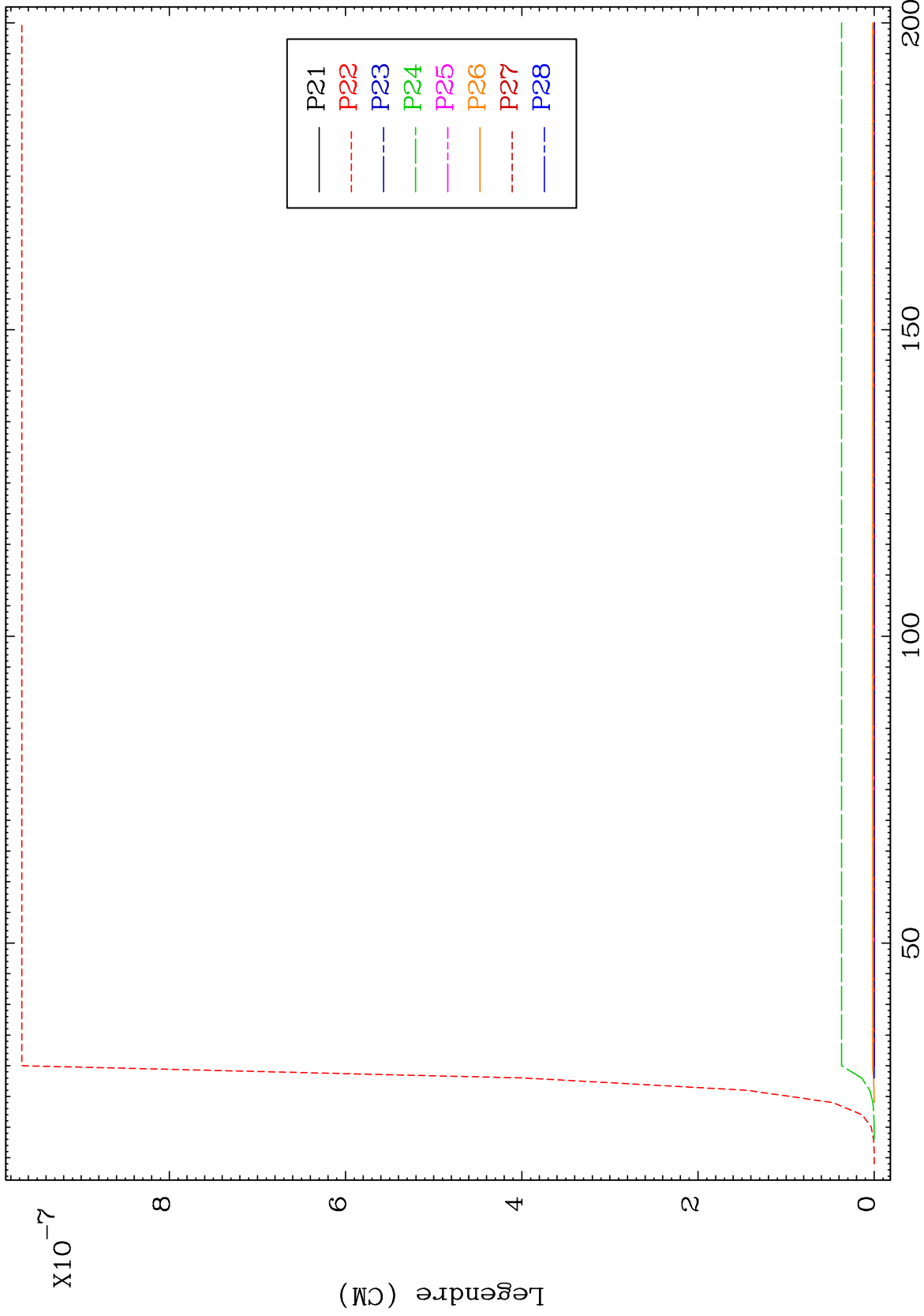
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



72

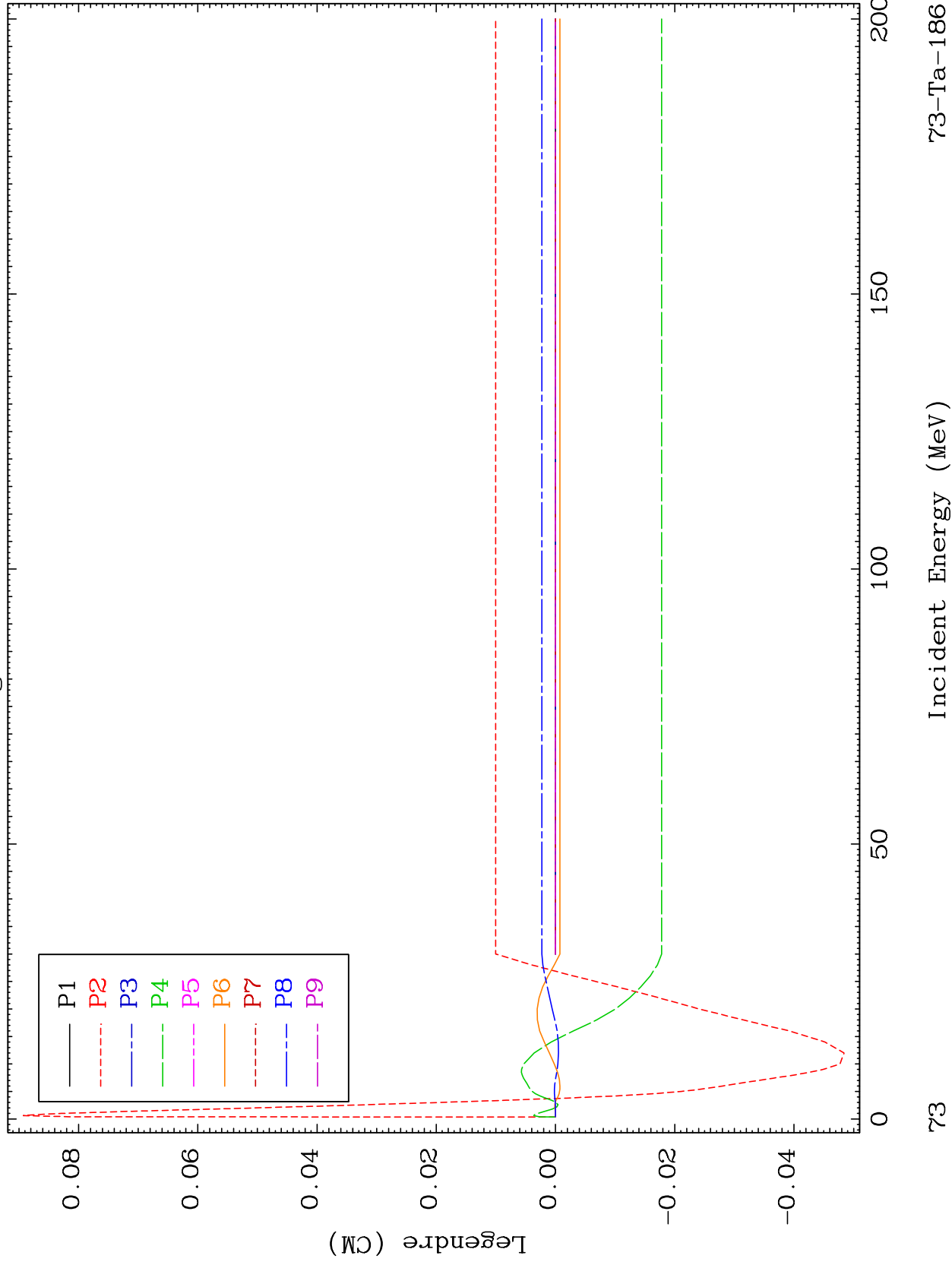
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



73-Ta-186

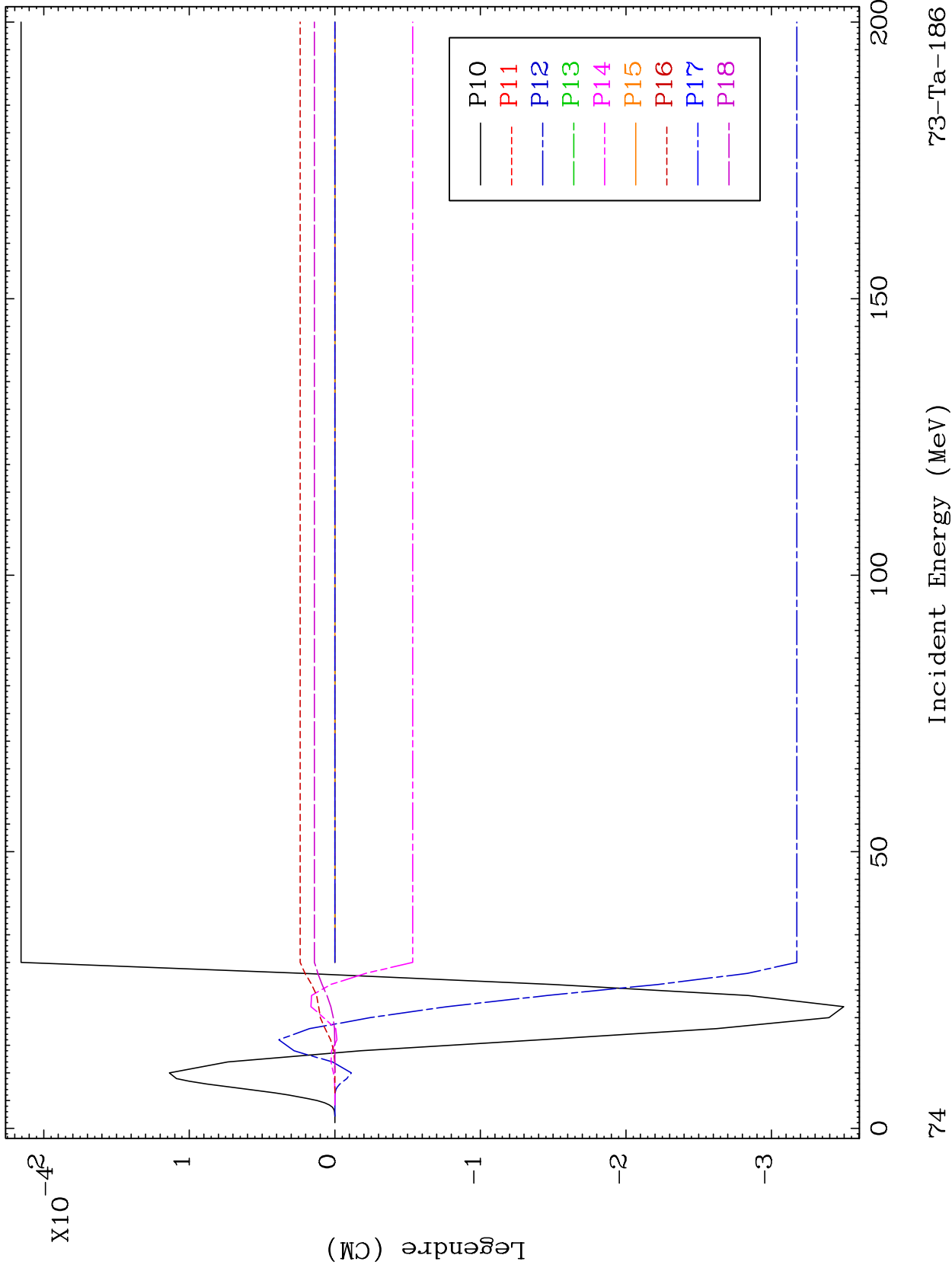
Incident Energy (MeV)

73

MAT 7343

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

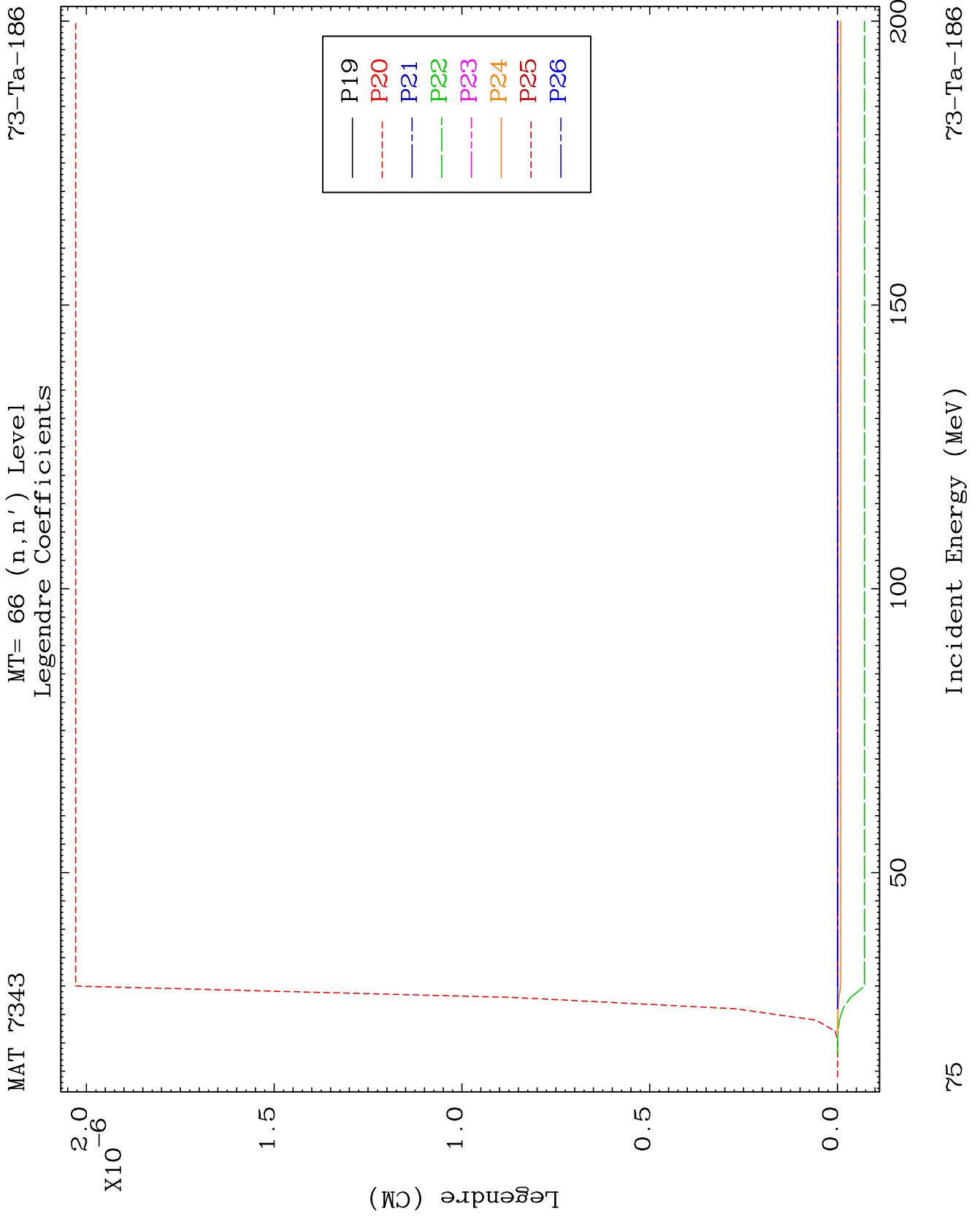
73-Ta-186



74

Incident Energy (MeV)

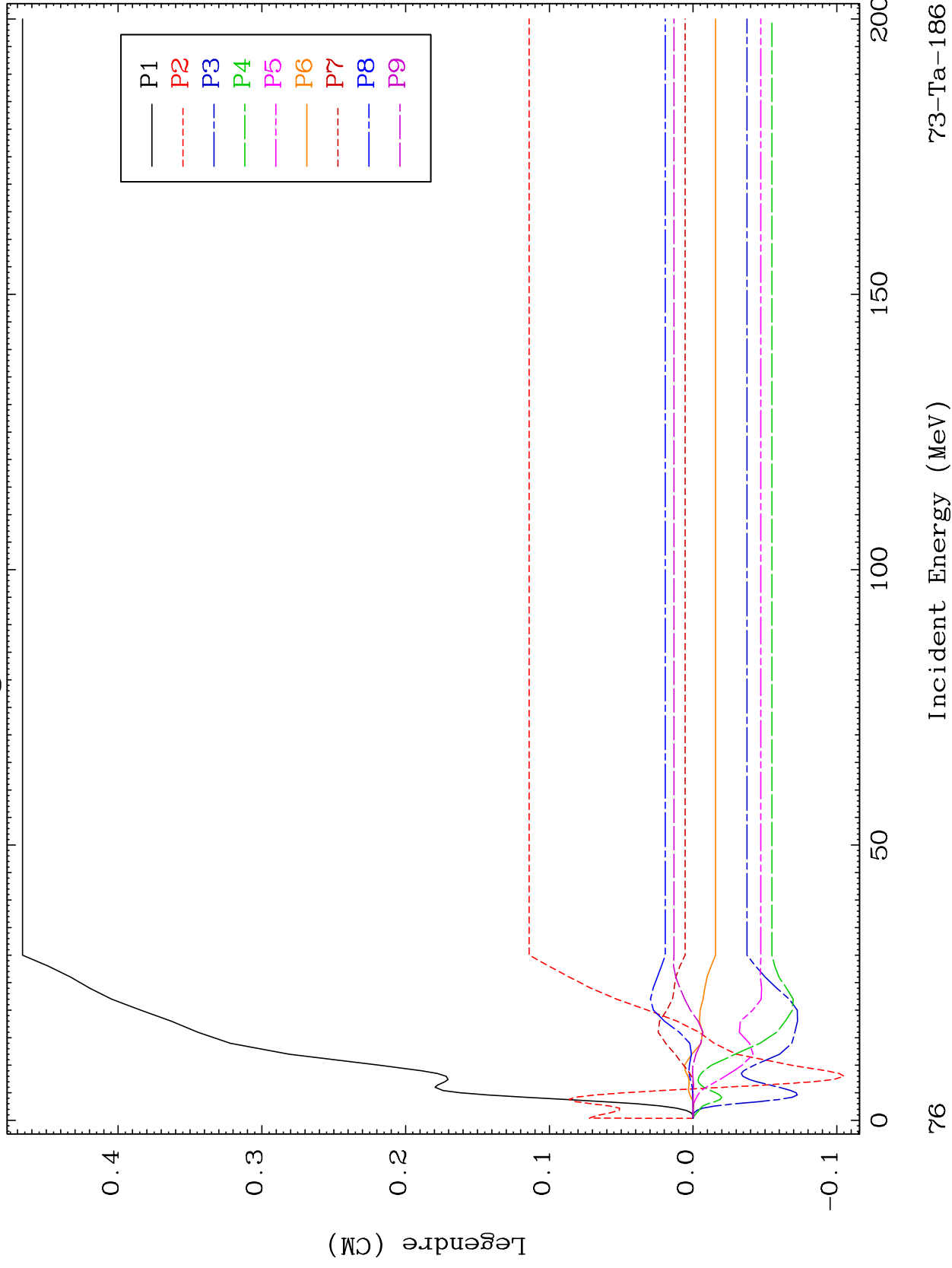
73-Ta-186



MAT 7343

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

73-Ta-186



73-Ta-186

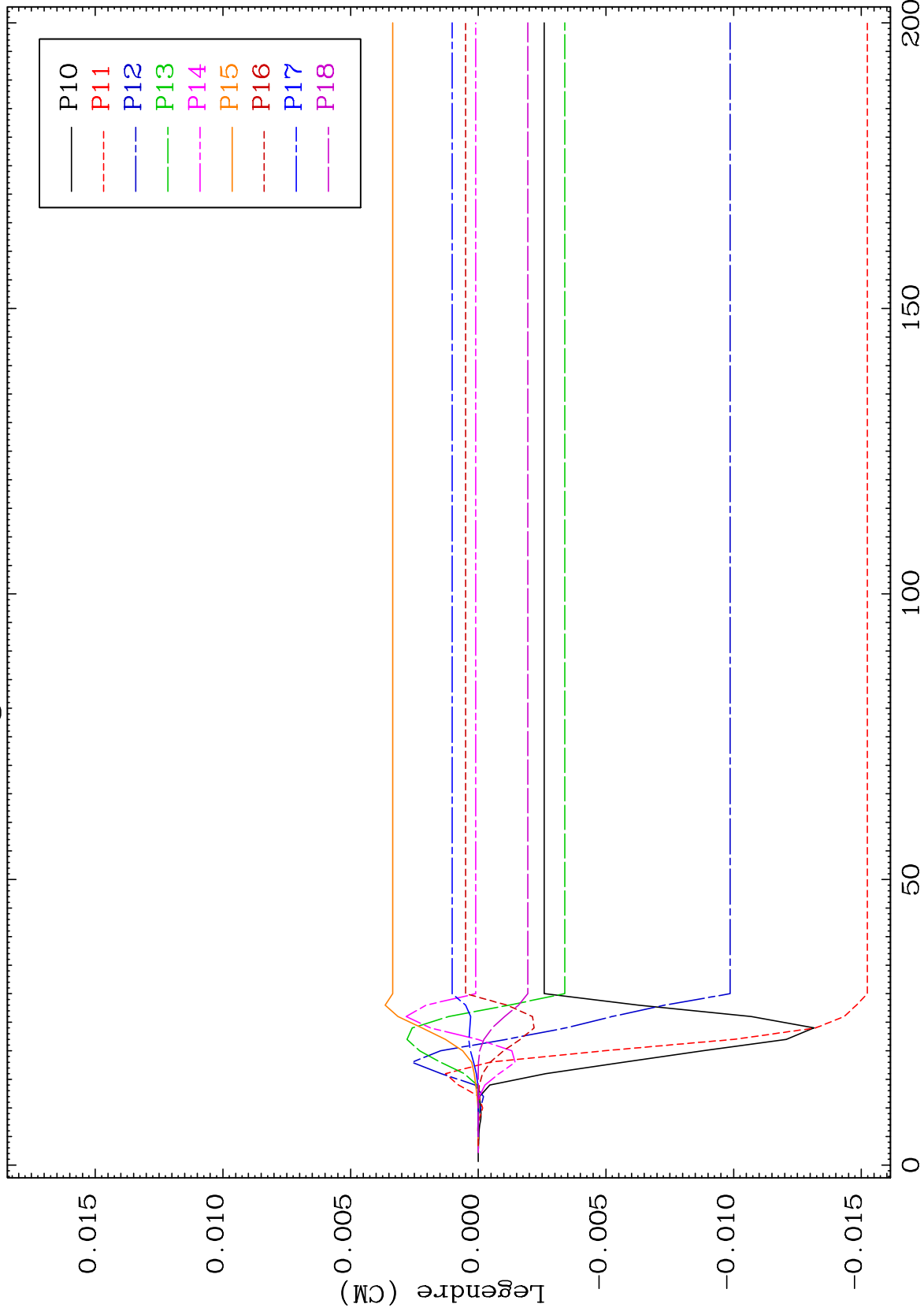
Incident Energy (MeV)

76

MAT 7343

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

73-Ta-186



77

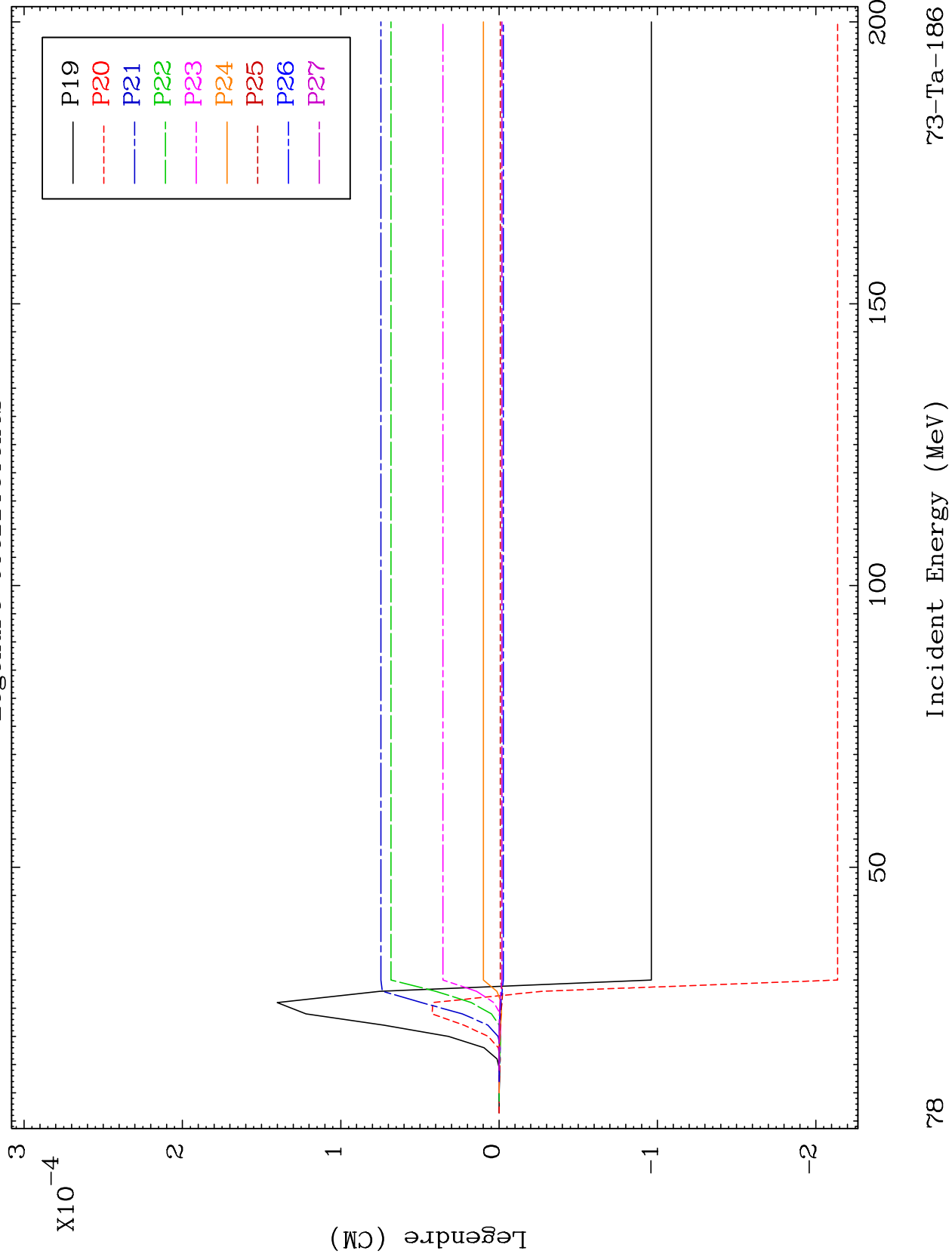
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186

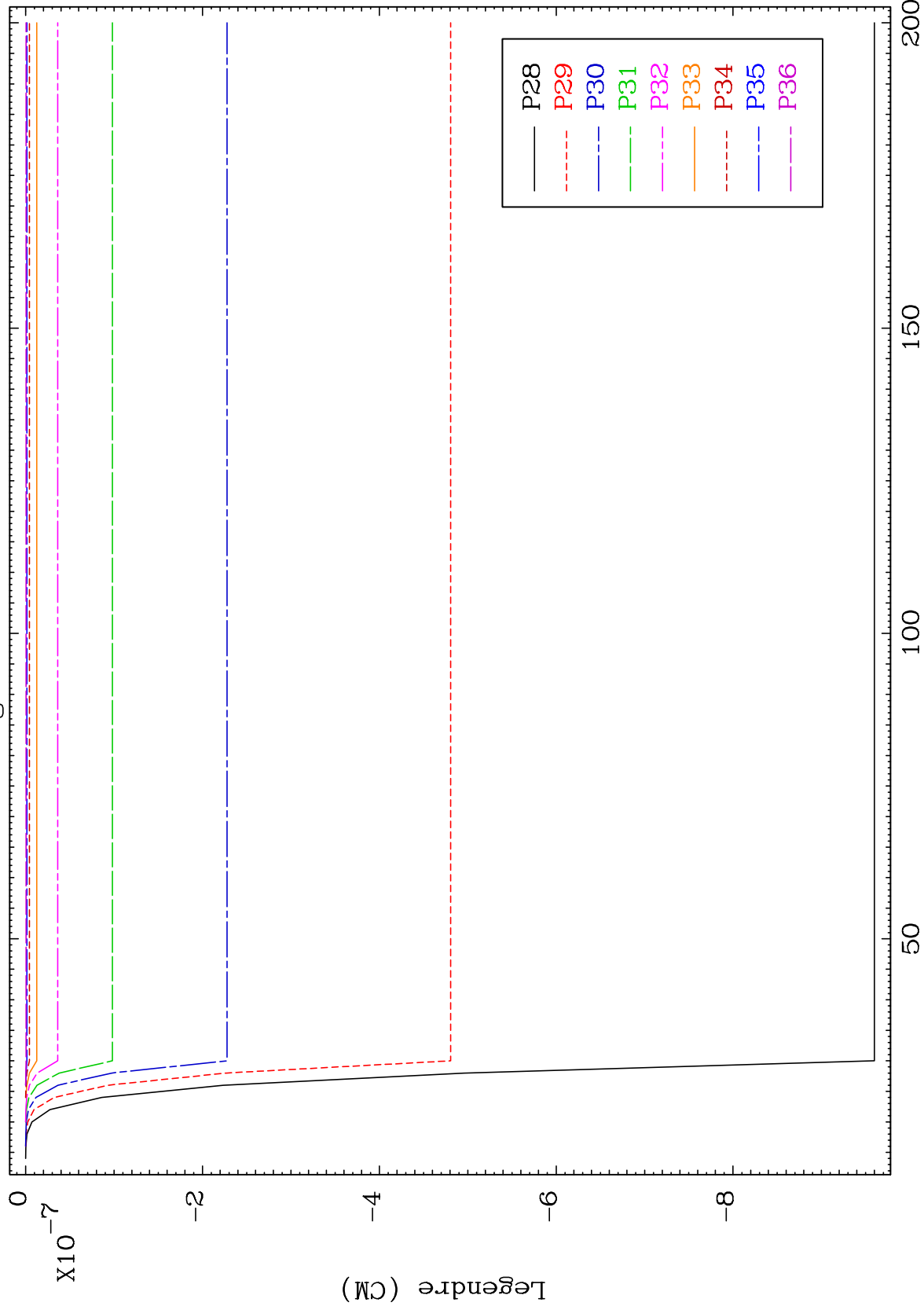


MAT 7343

MT= 67 (n,n') Level

73-Ta-186

Legendre Coefficients



73-Ta-186

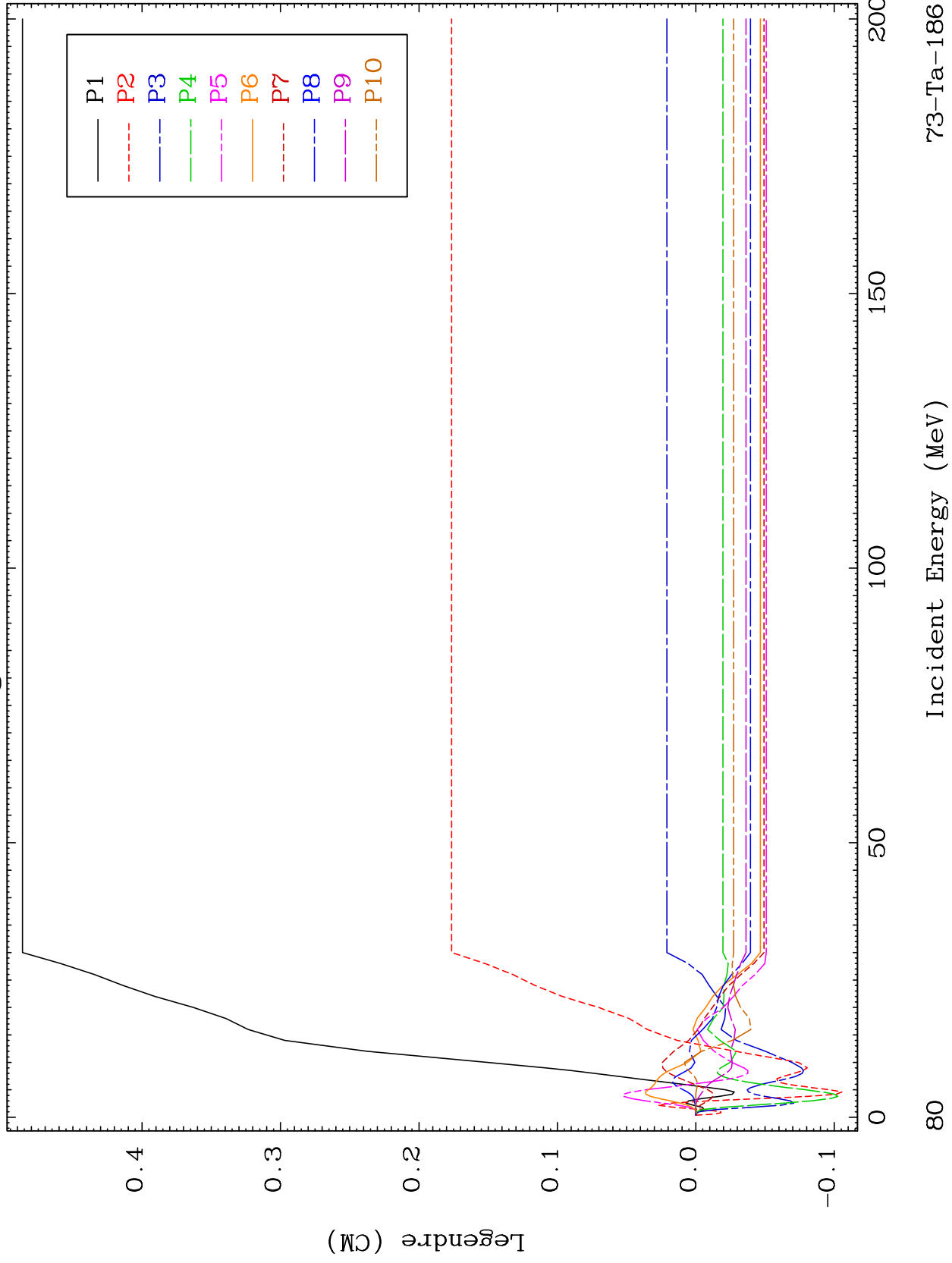
Incident Energy (MeV)

79

MAT 7343

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

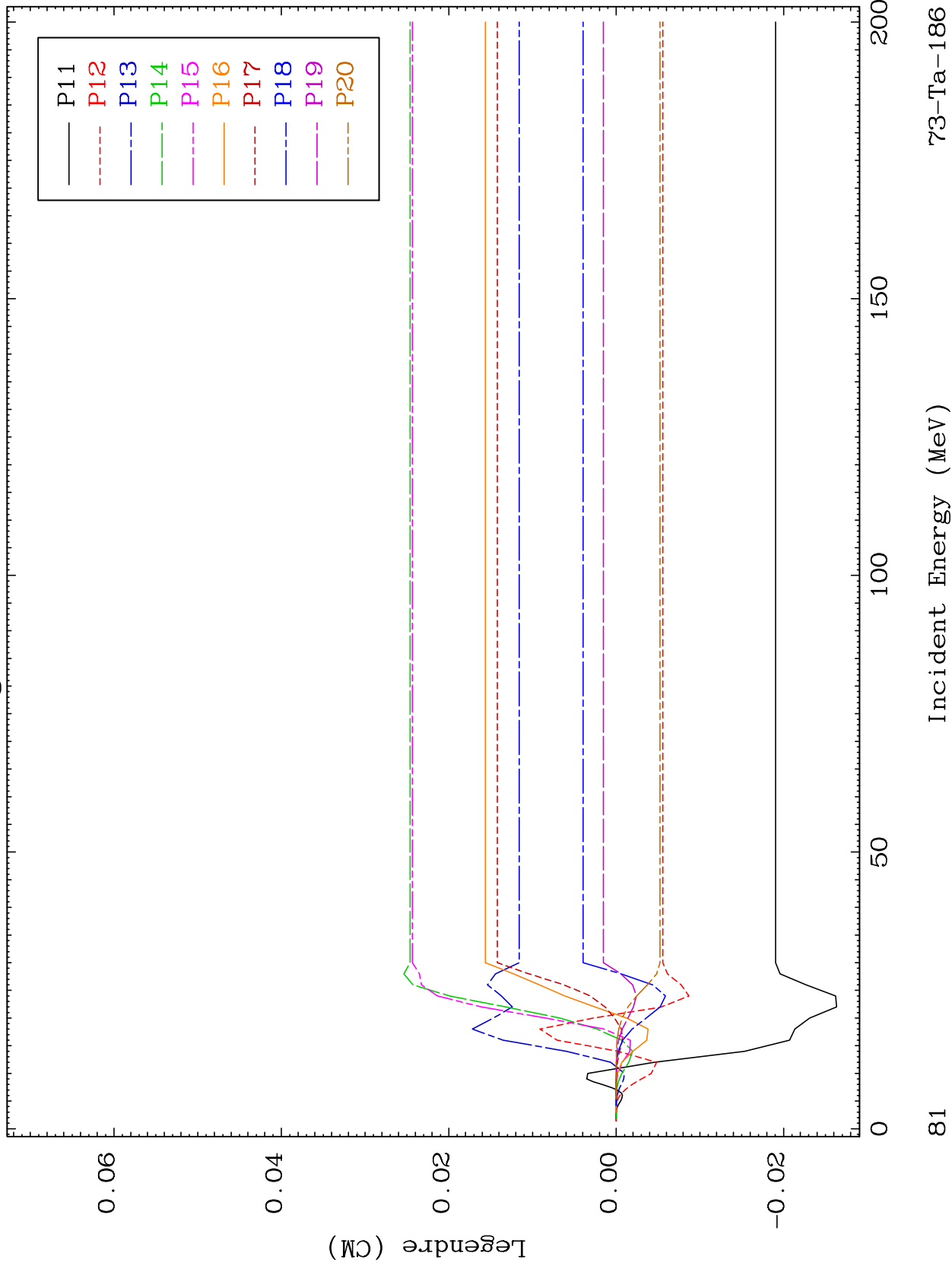
73-Ta-186



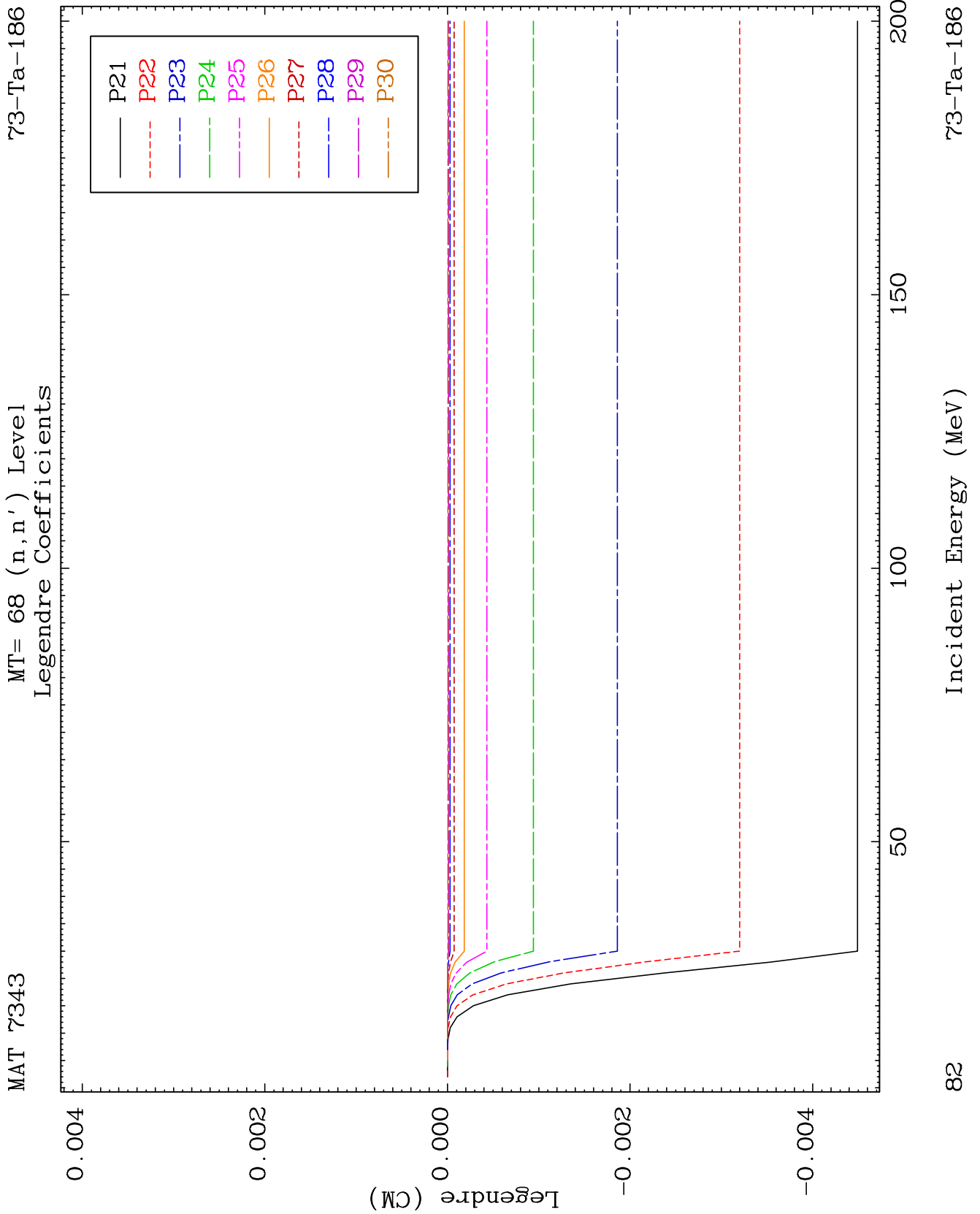
MAT 7343

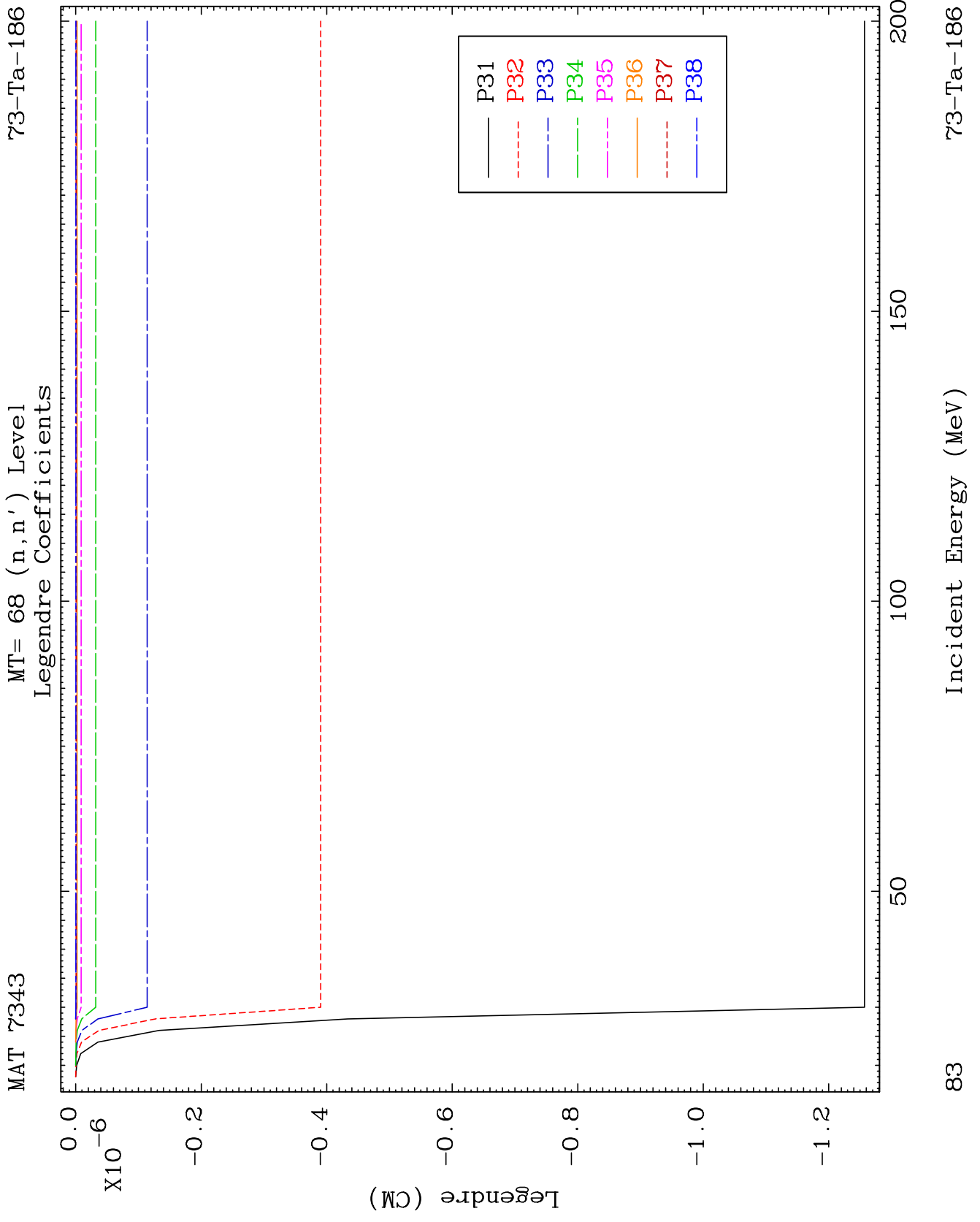
MT= 68 (n,n') Level
Legendre Coefficients

73-Ta-186



73-Ta-186

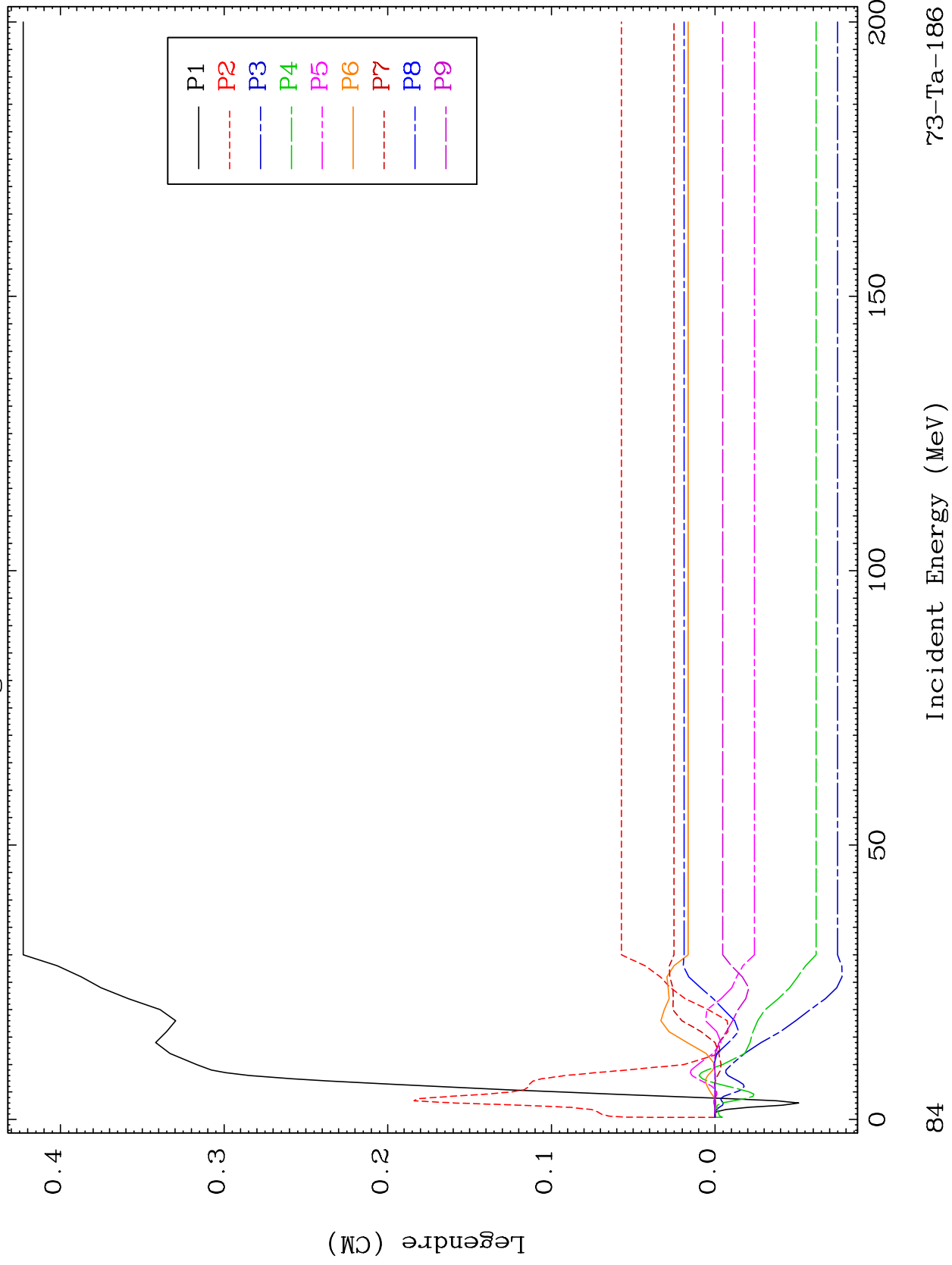




MAT 7343

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

73-Ta-186



84

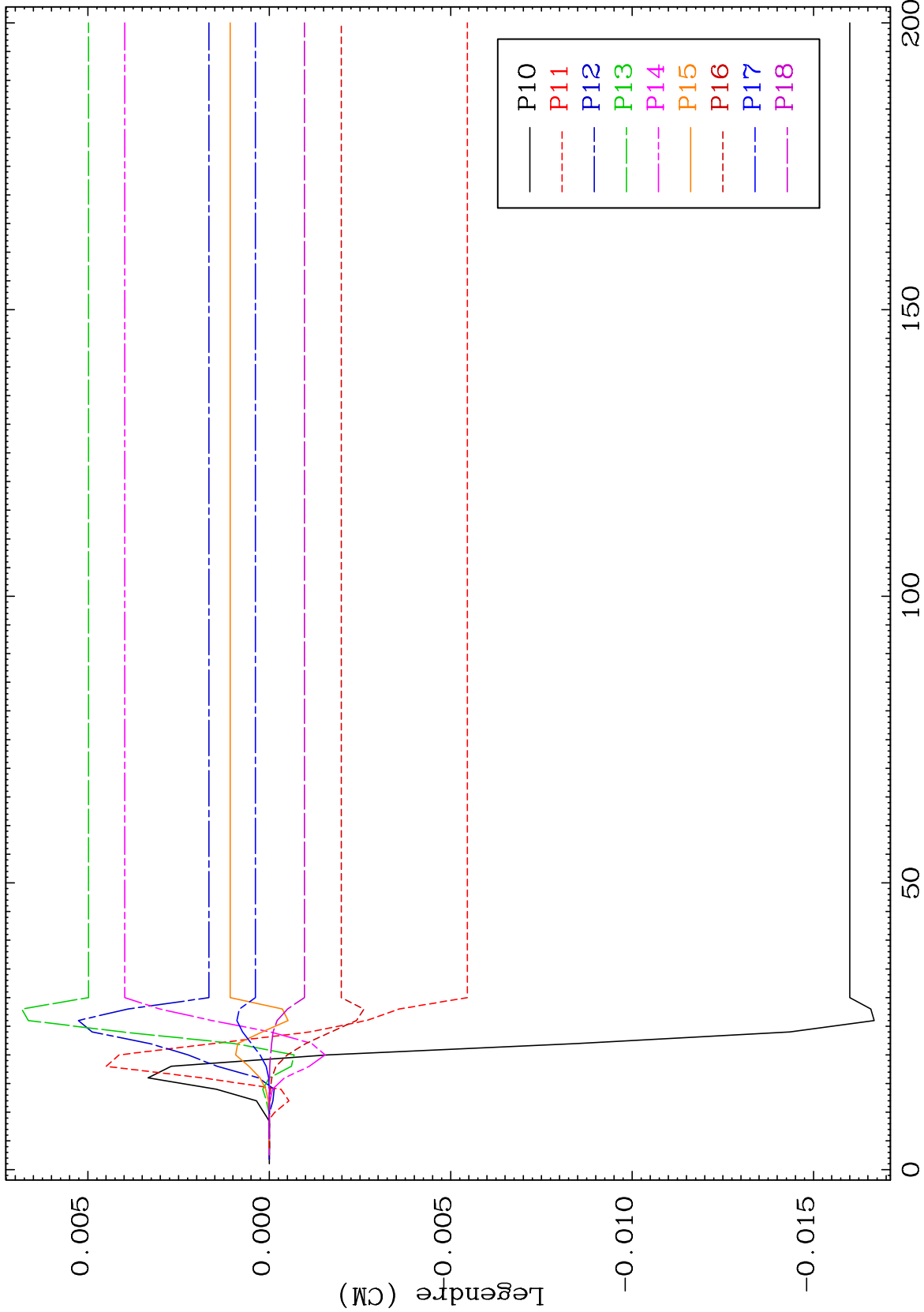
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



85

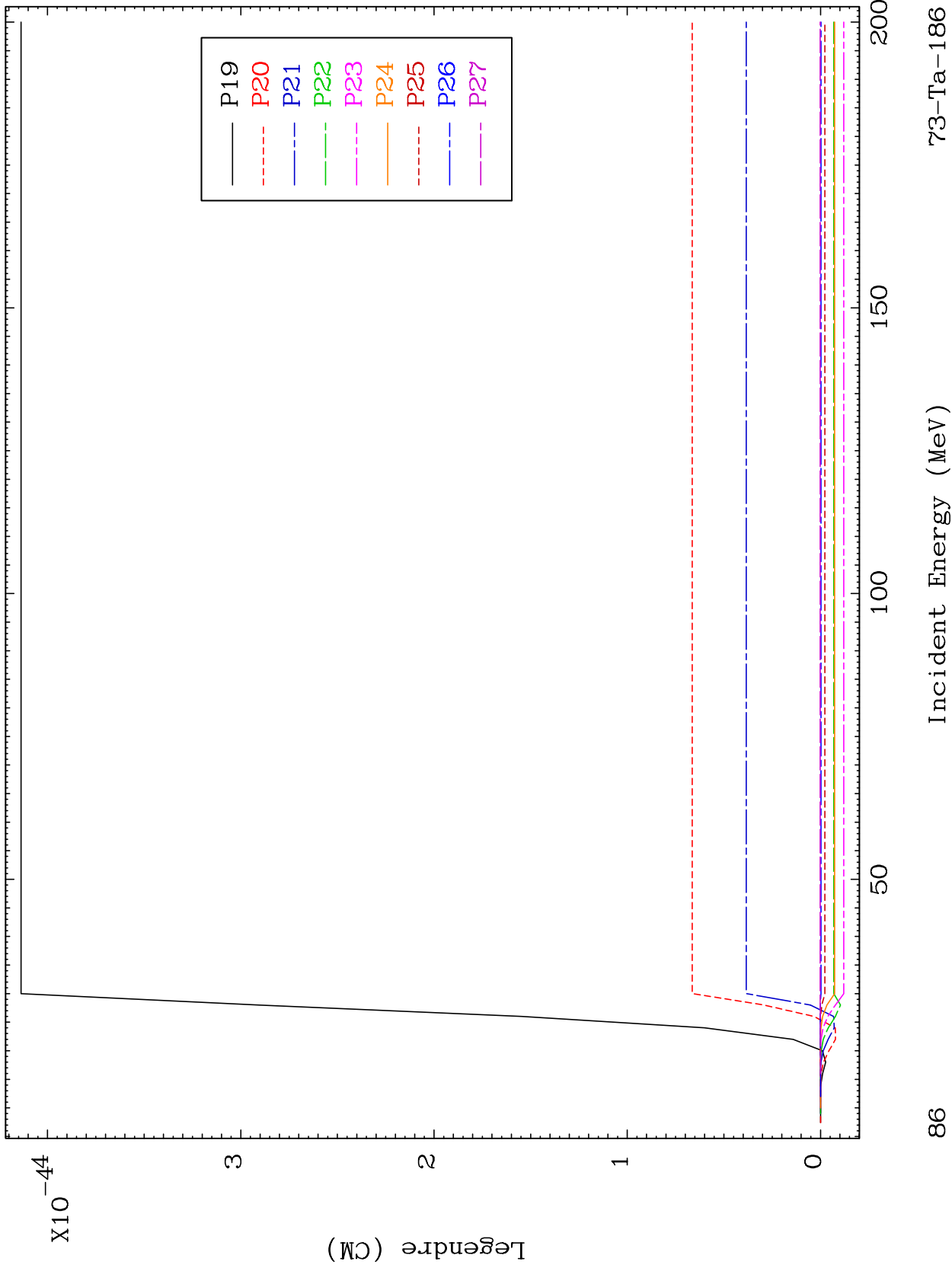
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

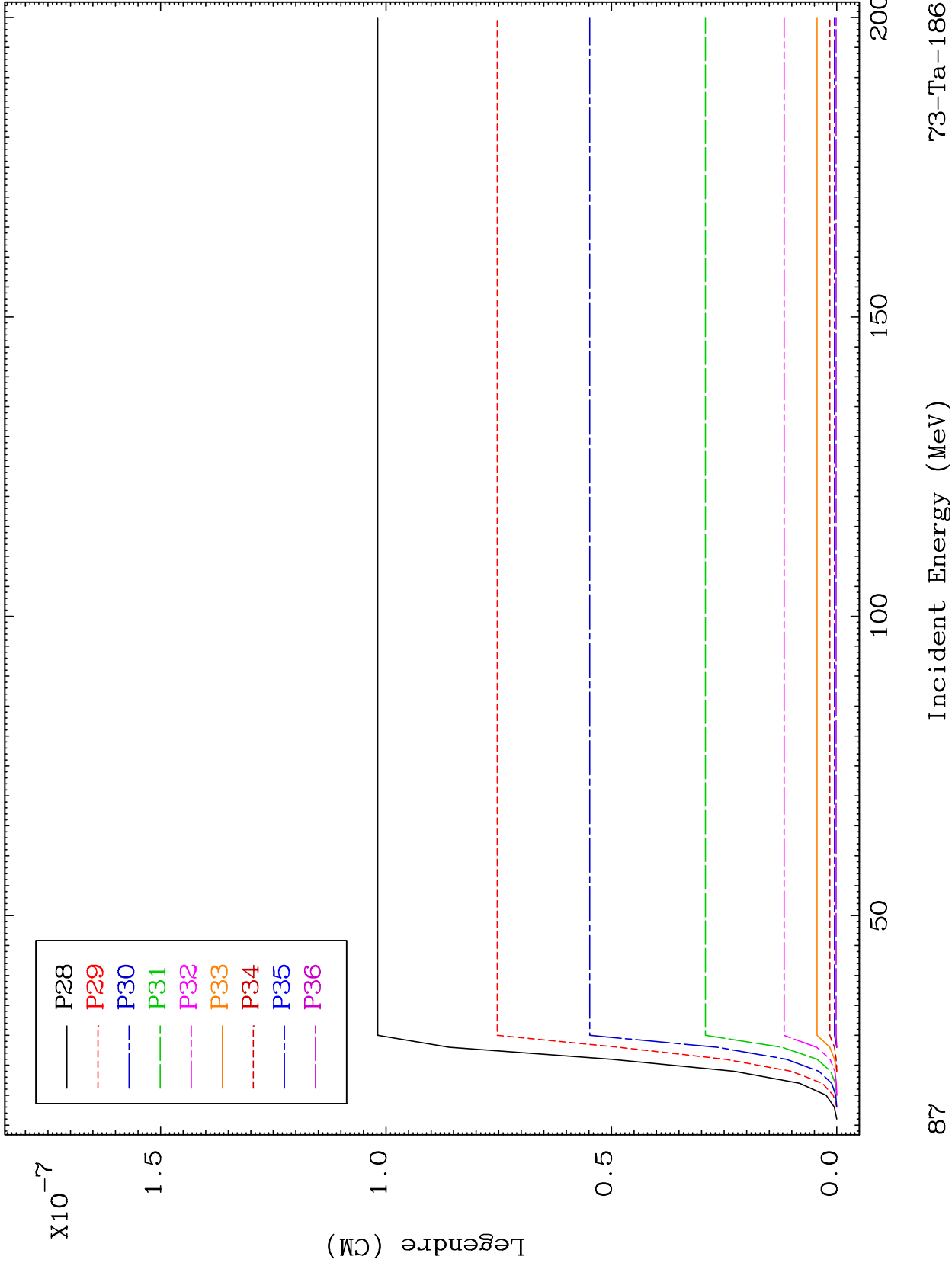
73-Ta-186



MAT 7343

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

73-Ta-186



87

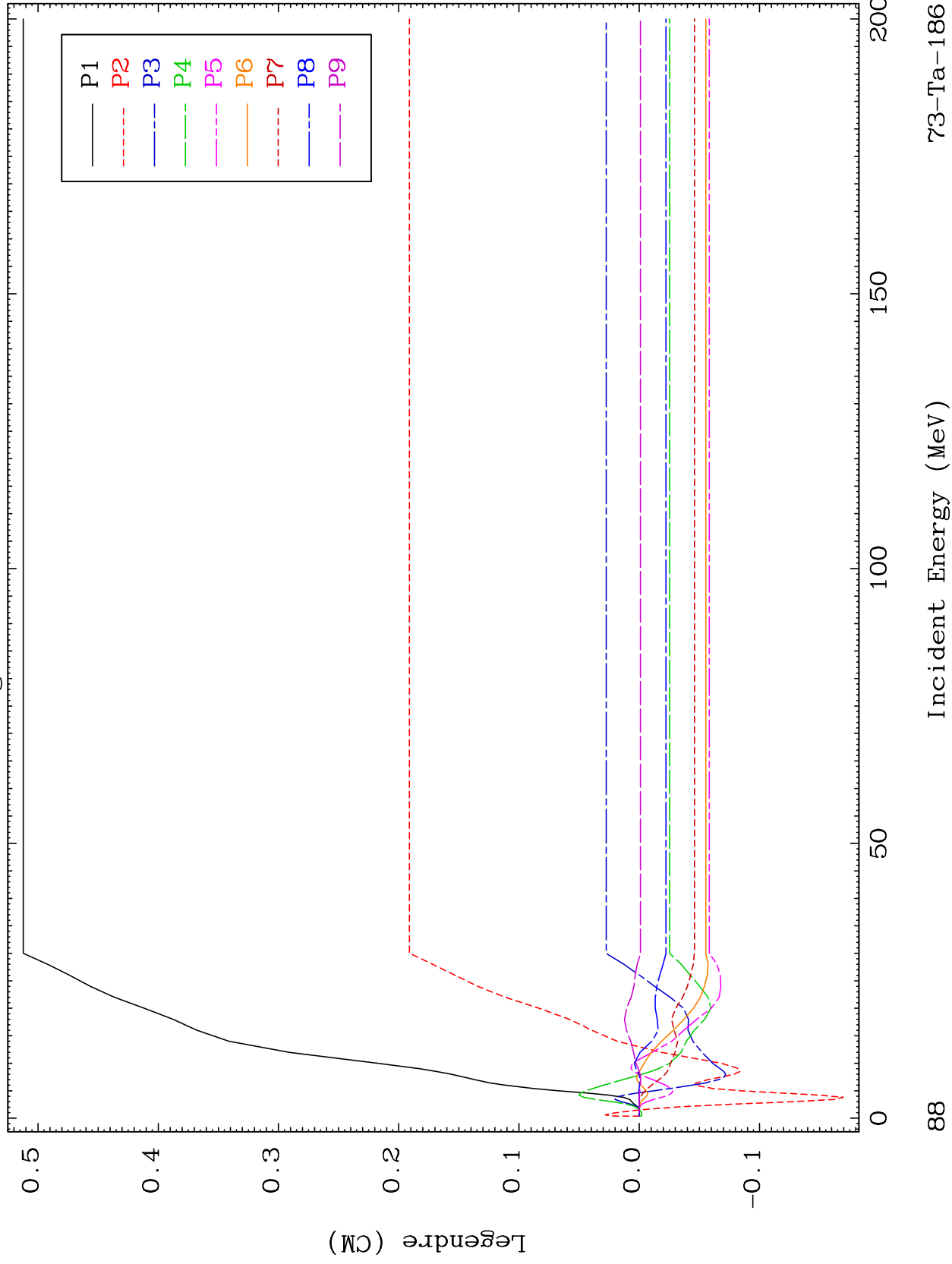
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



73-Ta-186

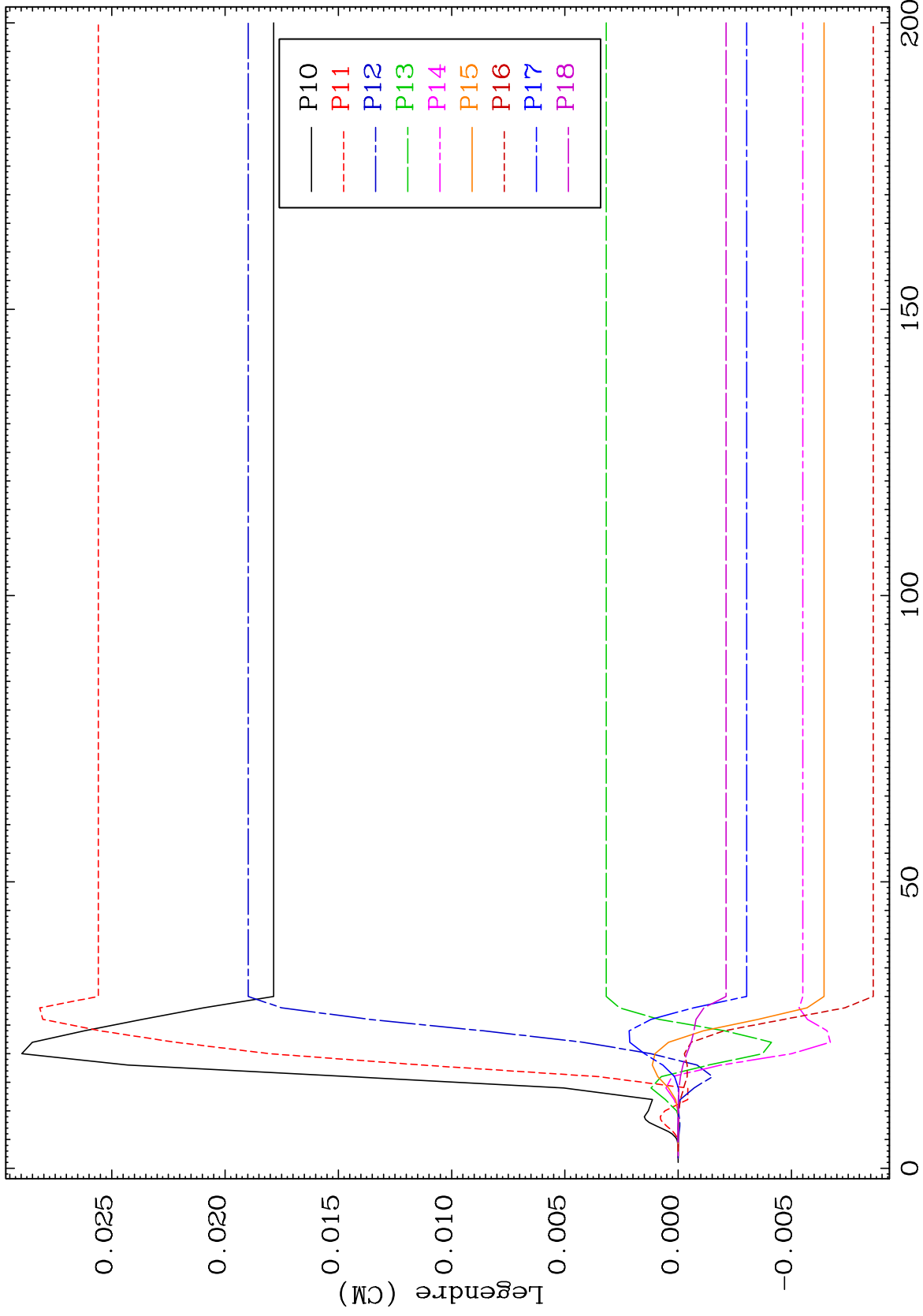
Incident Energy (MeV)

88

MAT 7343

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

73-Ta-186



89

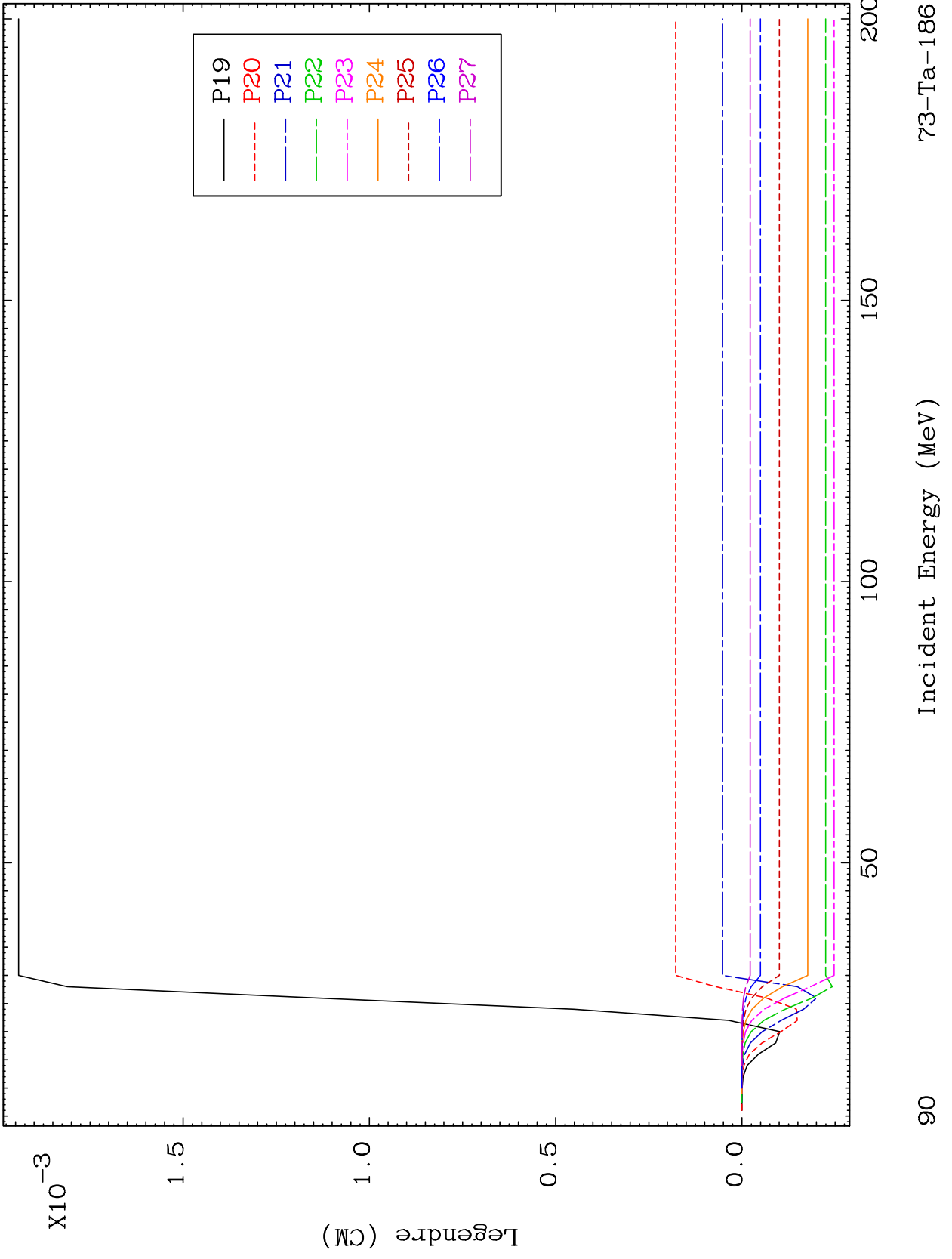
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

73-Ta-186



90

Incident Energy (MeV)

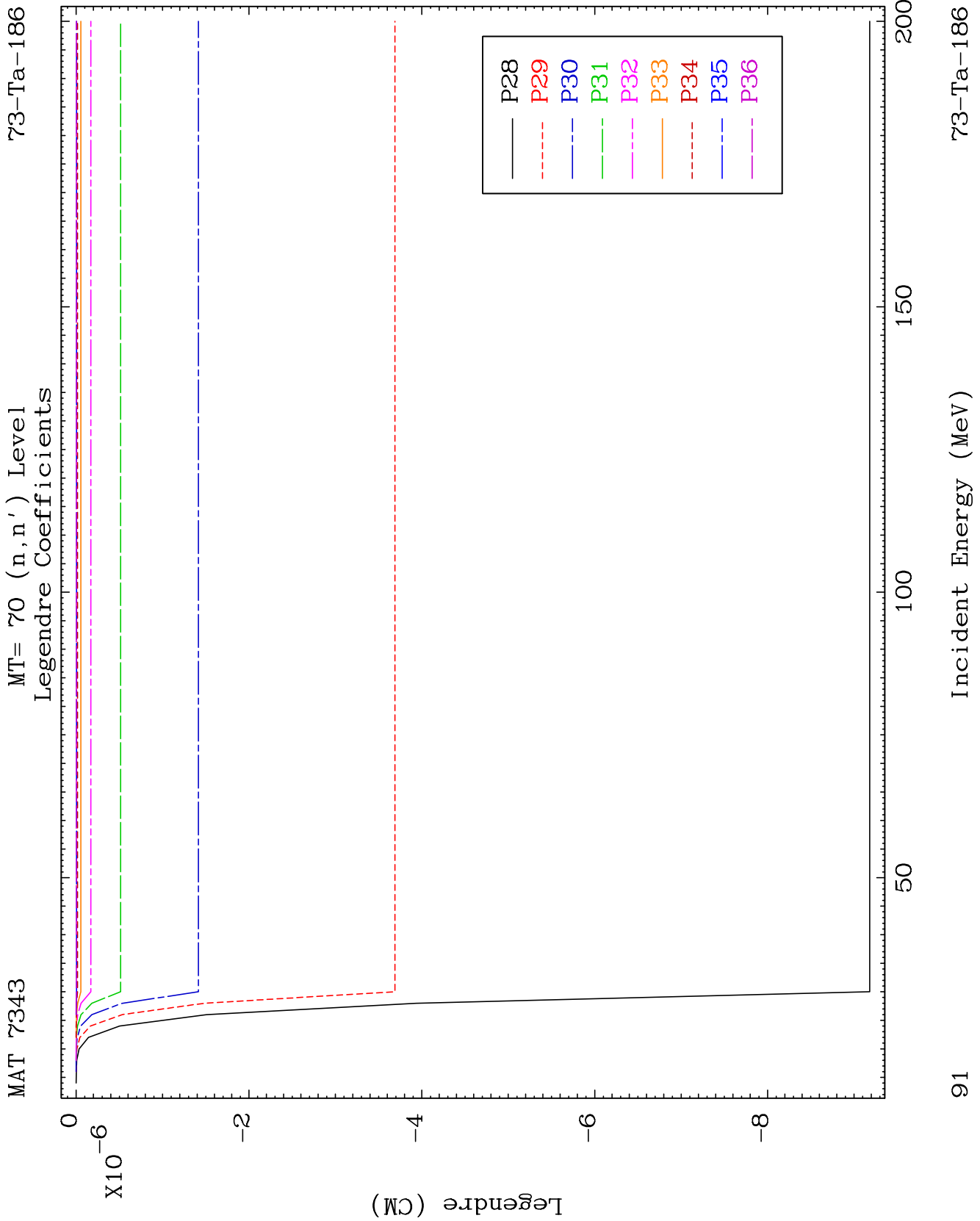
73-Ta-186

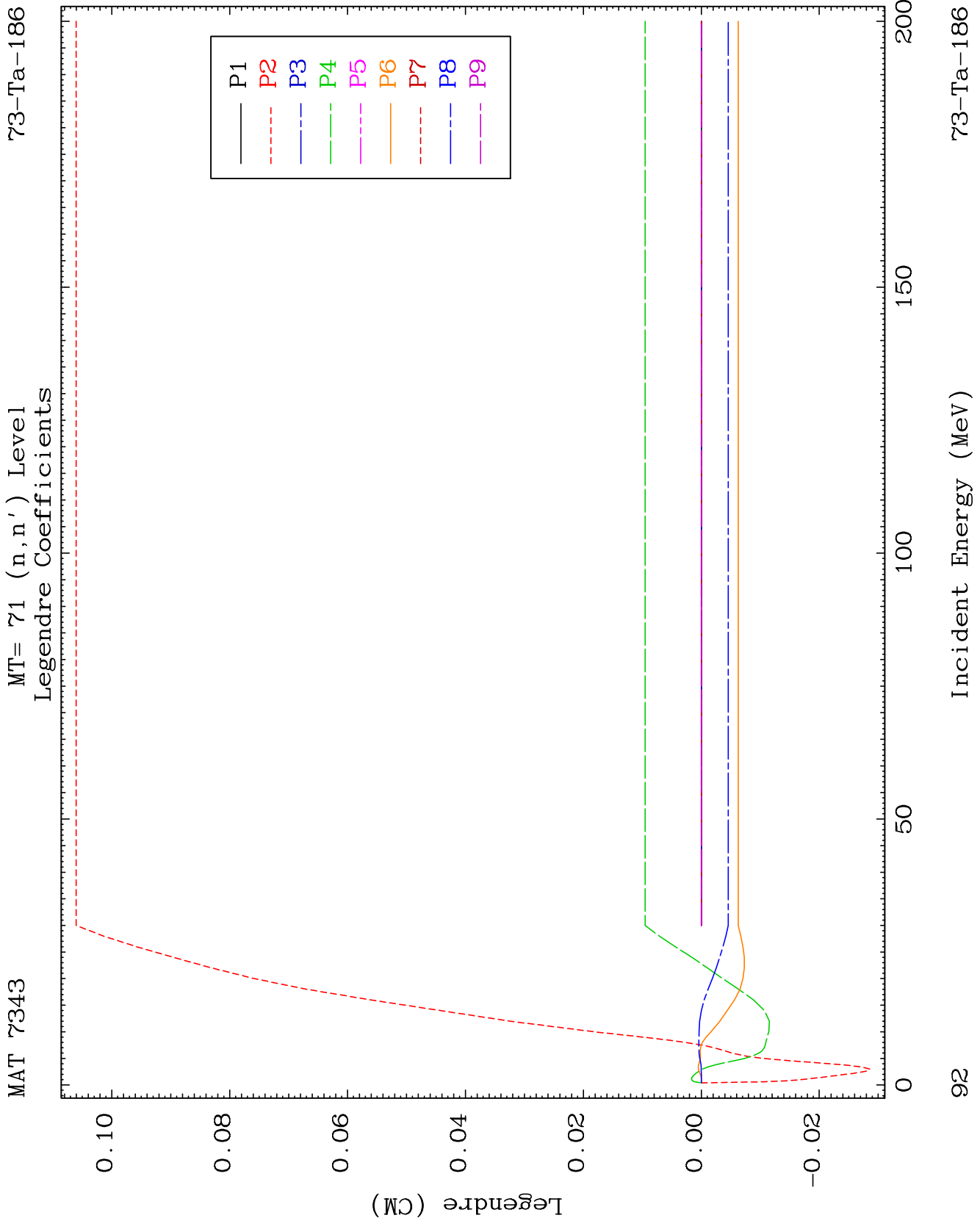
200

150

100

50

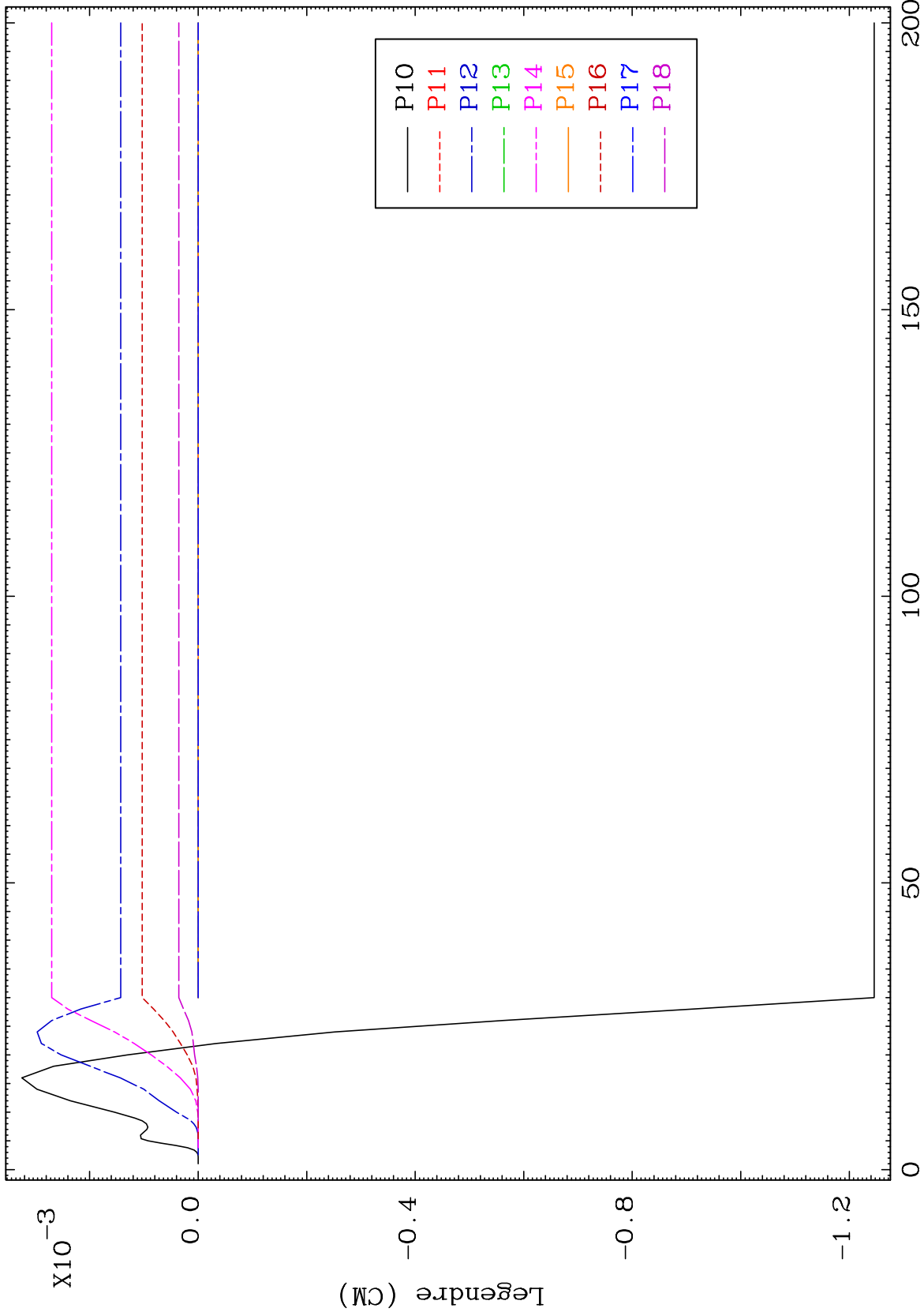




MAT 7343

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

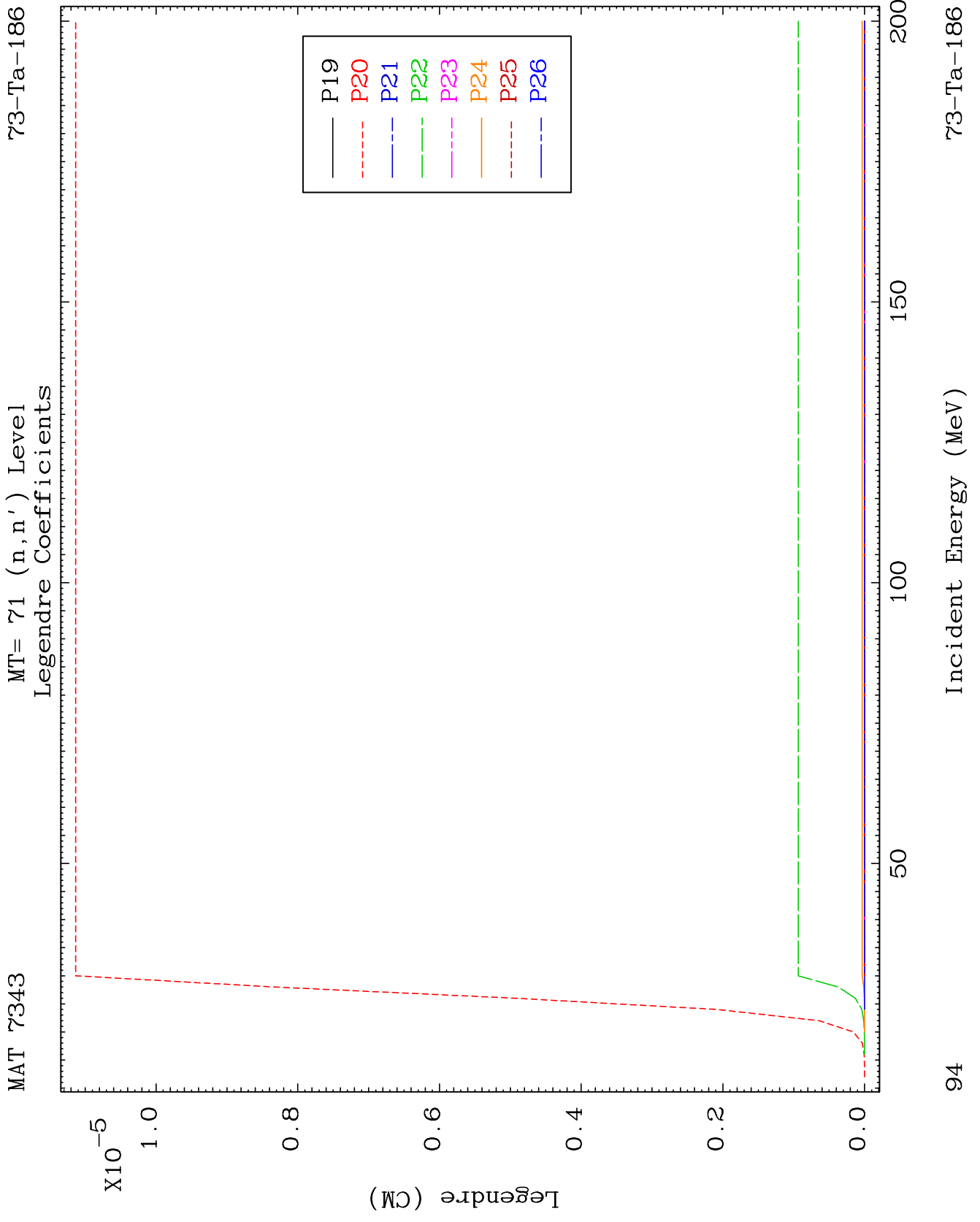
73-Ta-186

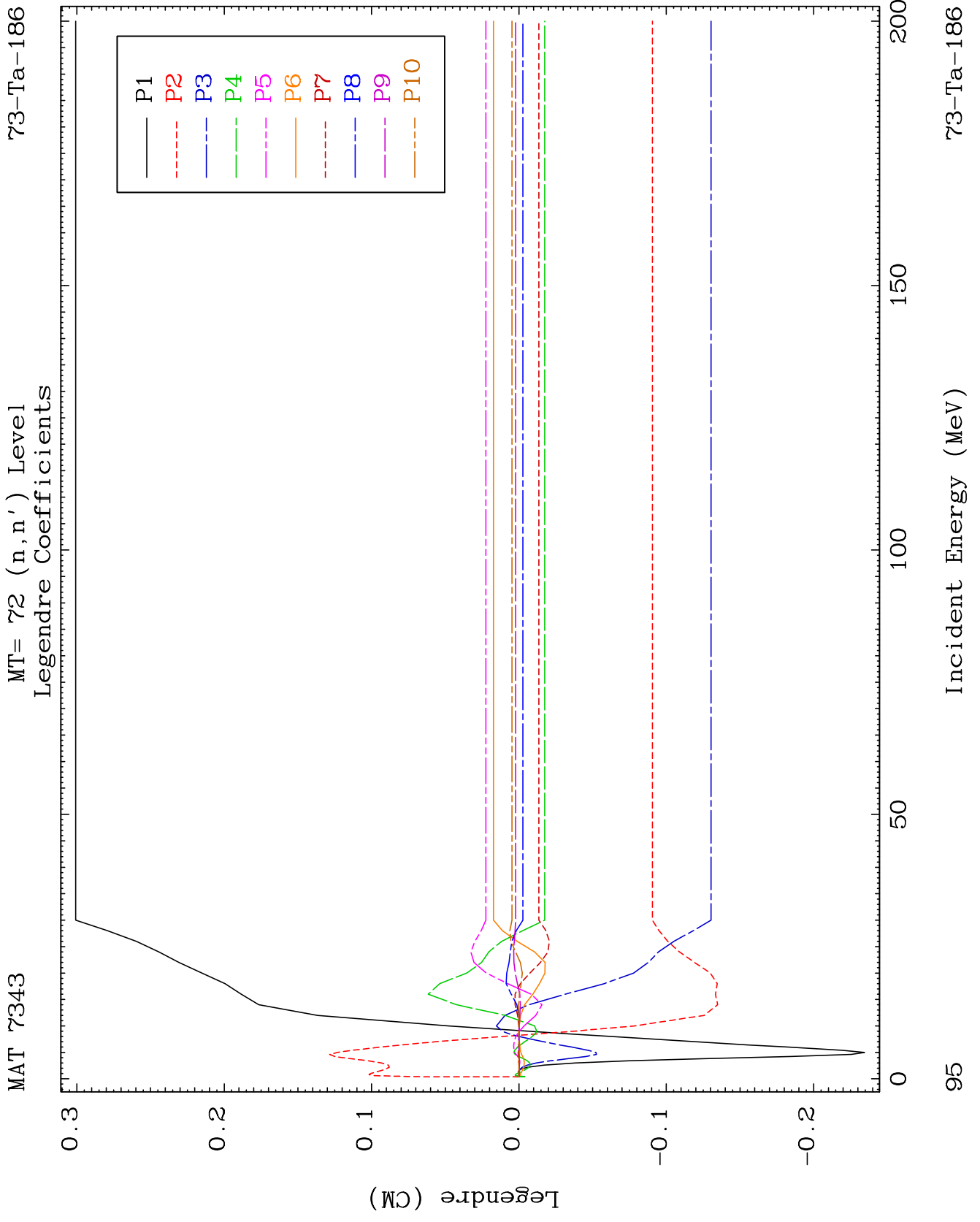


93

Incident Energy (MeV)

73-Ta-186

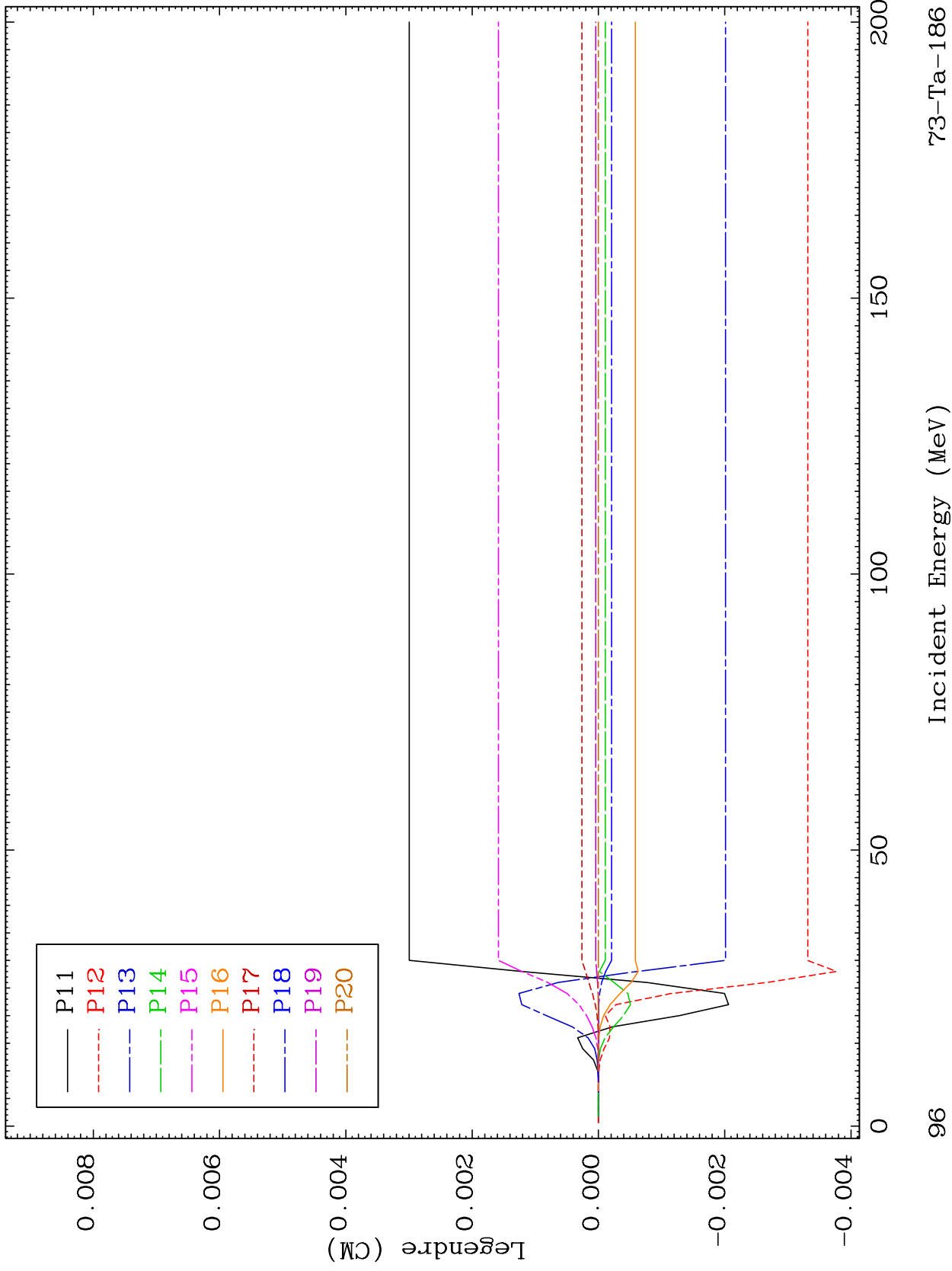




MAT 7343

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

73-Ta-186



96

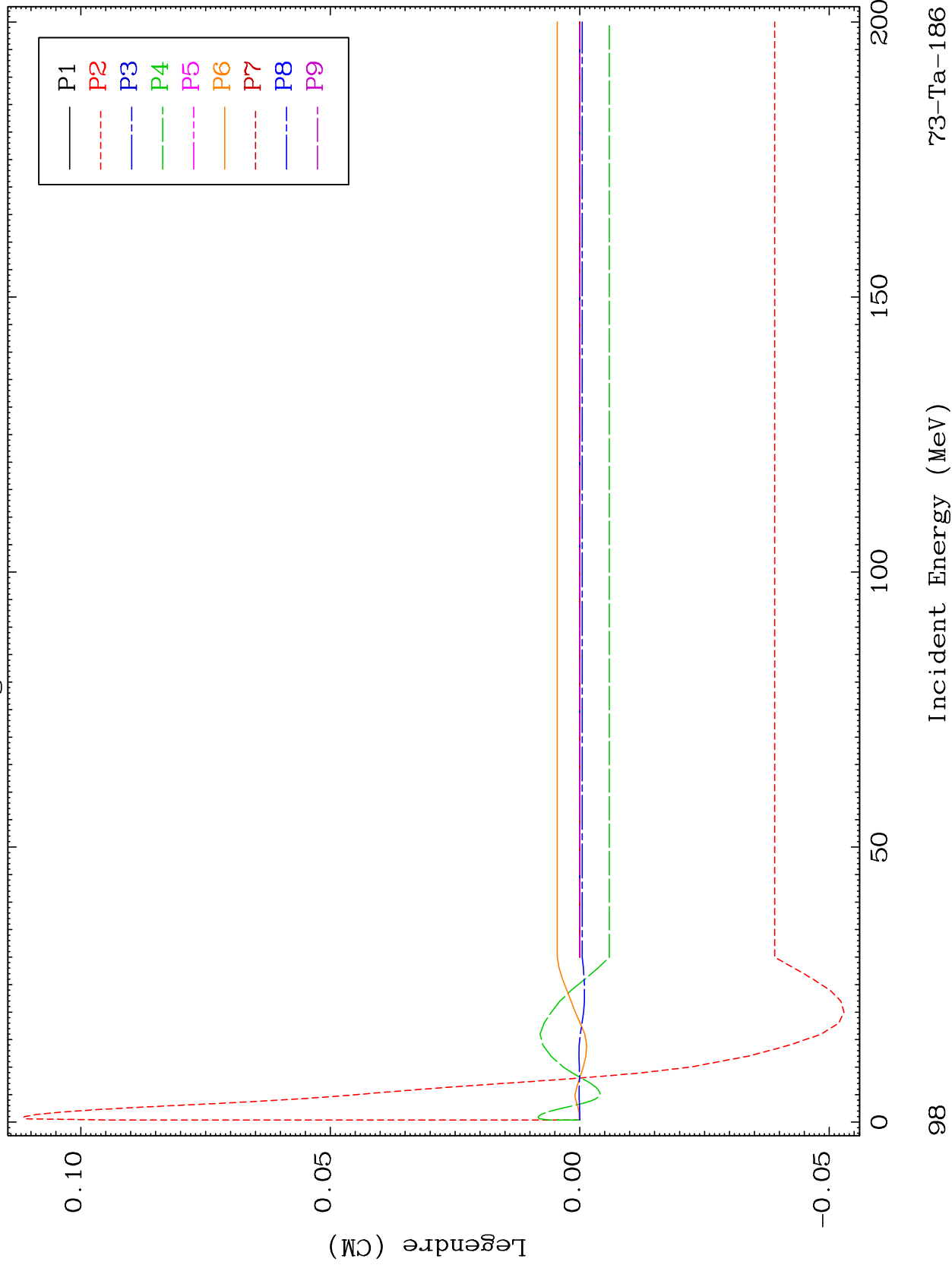
Incident Energy (MeV)

73-Ta-186

MAT 7343

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

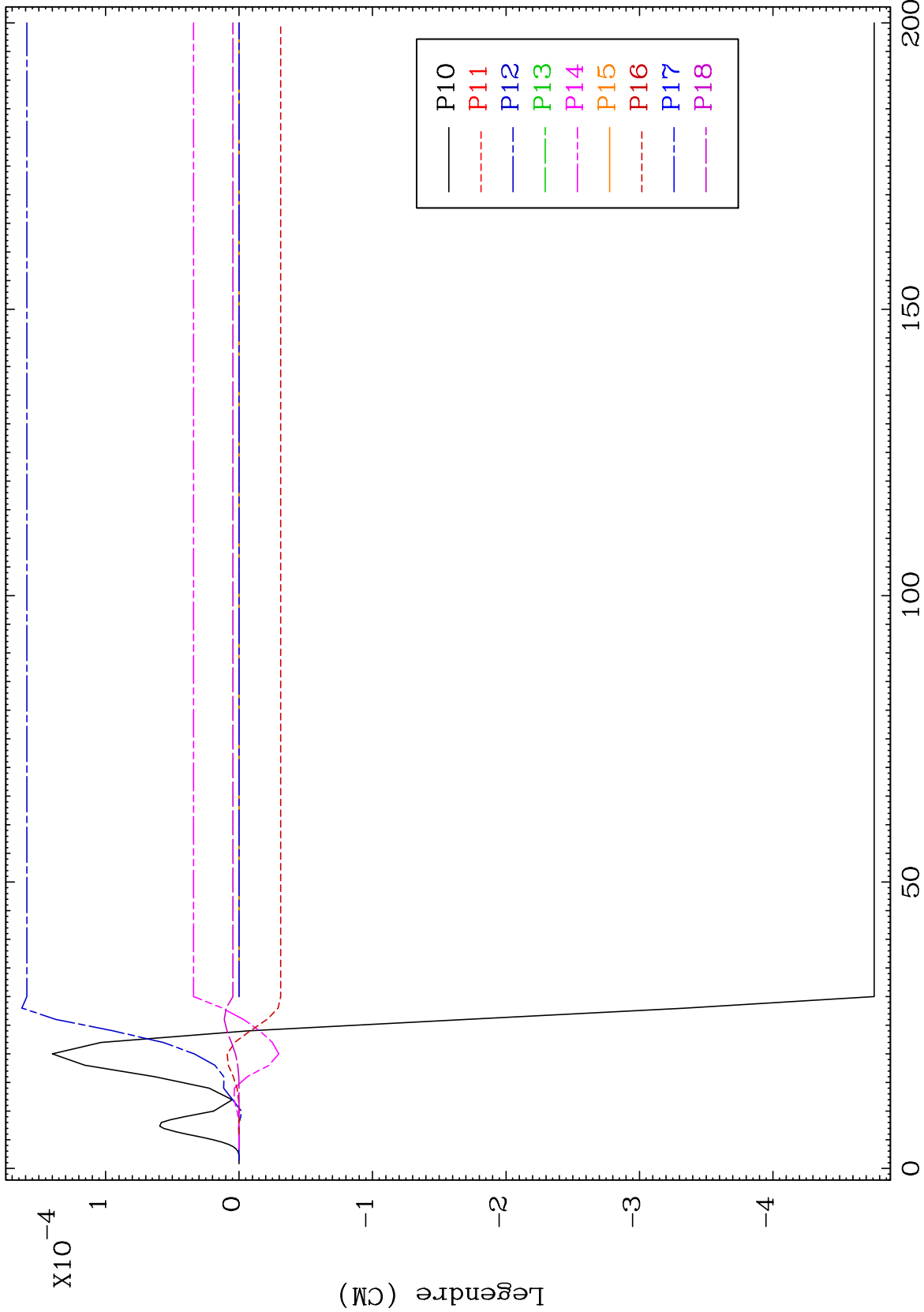
73-Ta-186

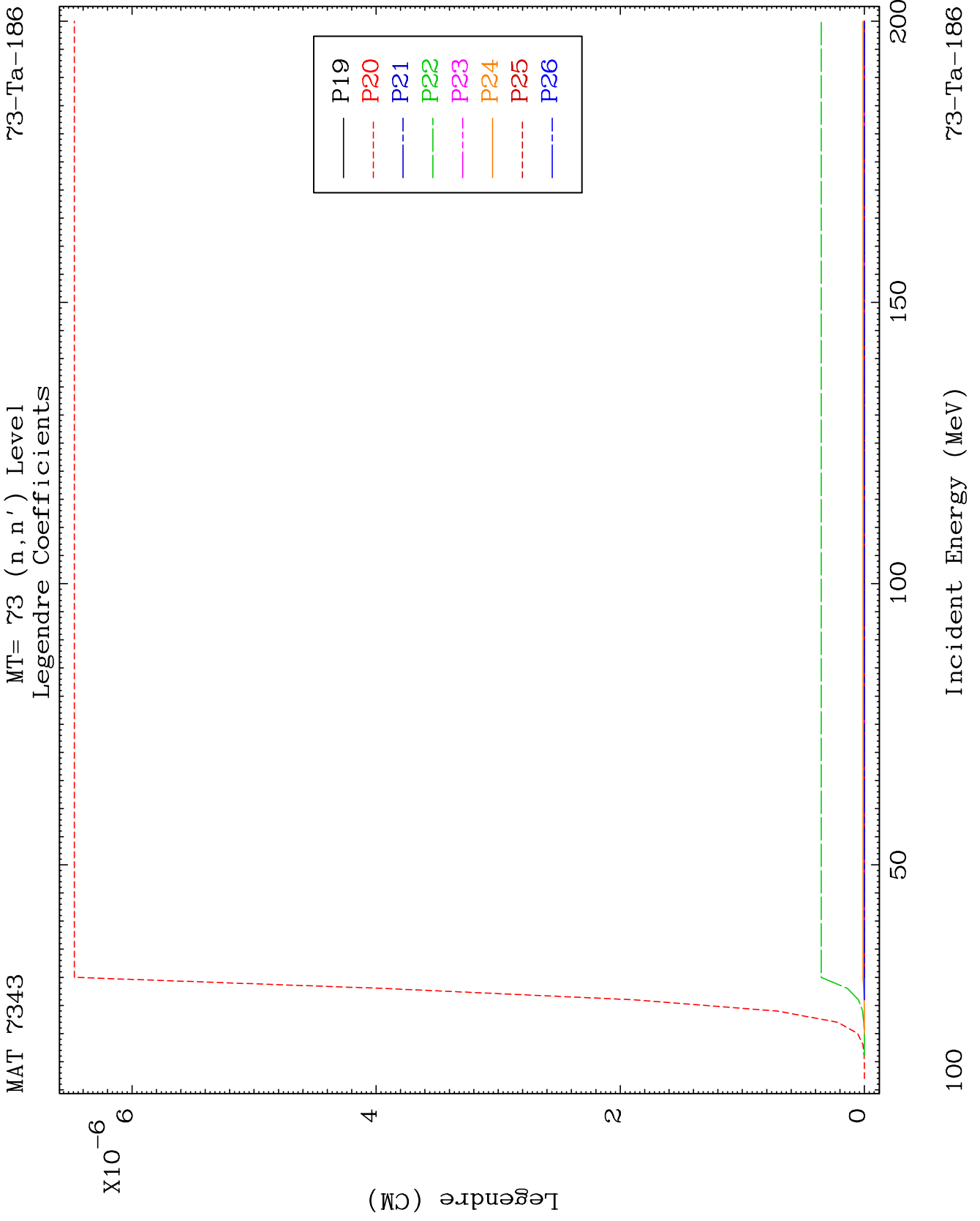


73-Ta-186

Incident Energy (MeV)

98

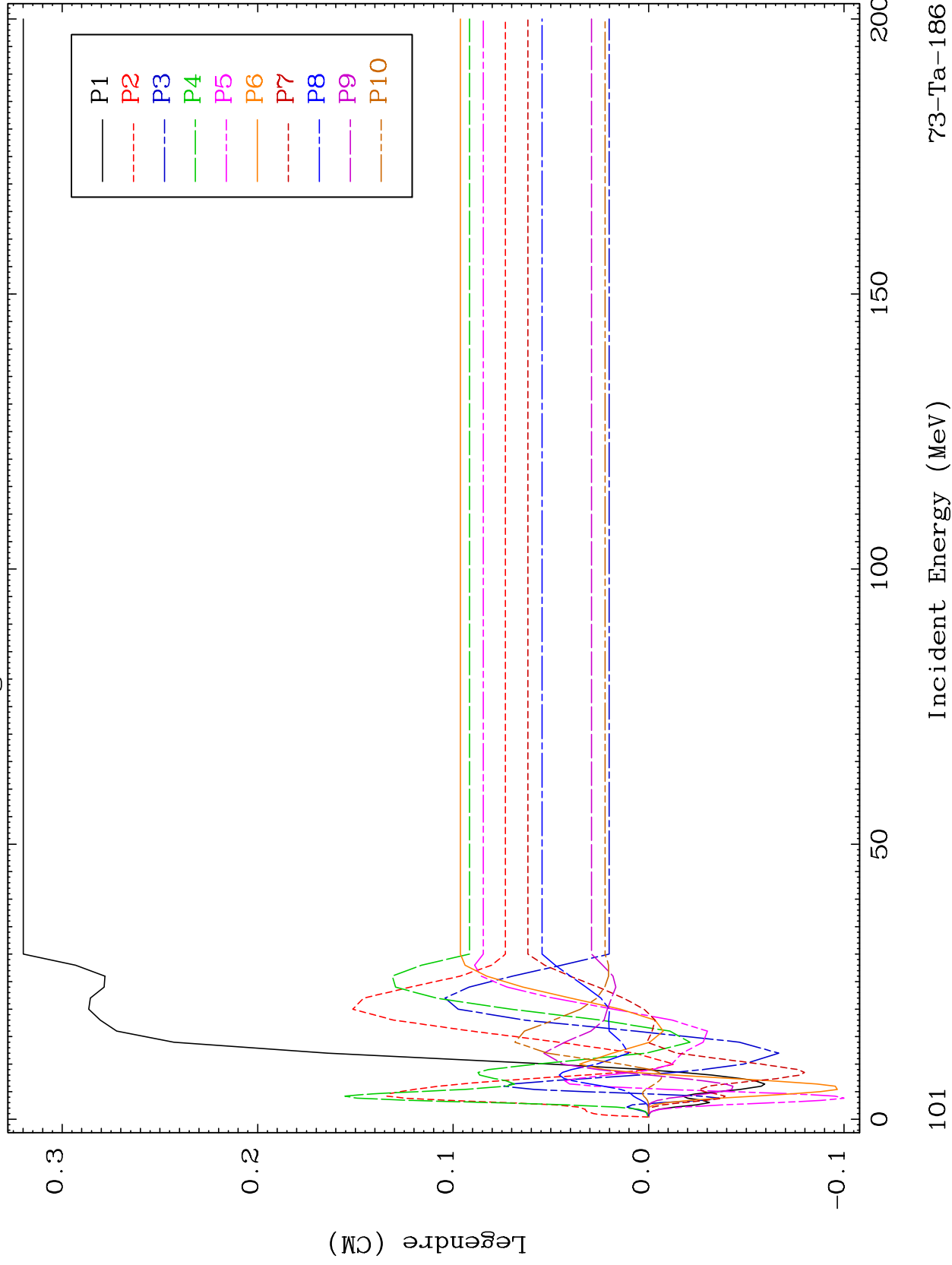




MAT 7343

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

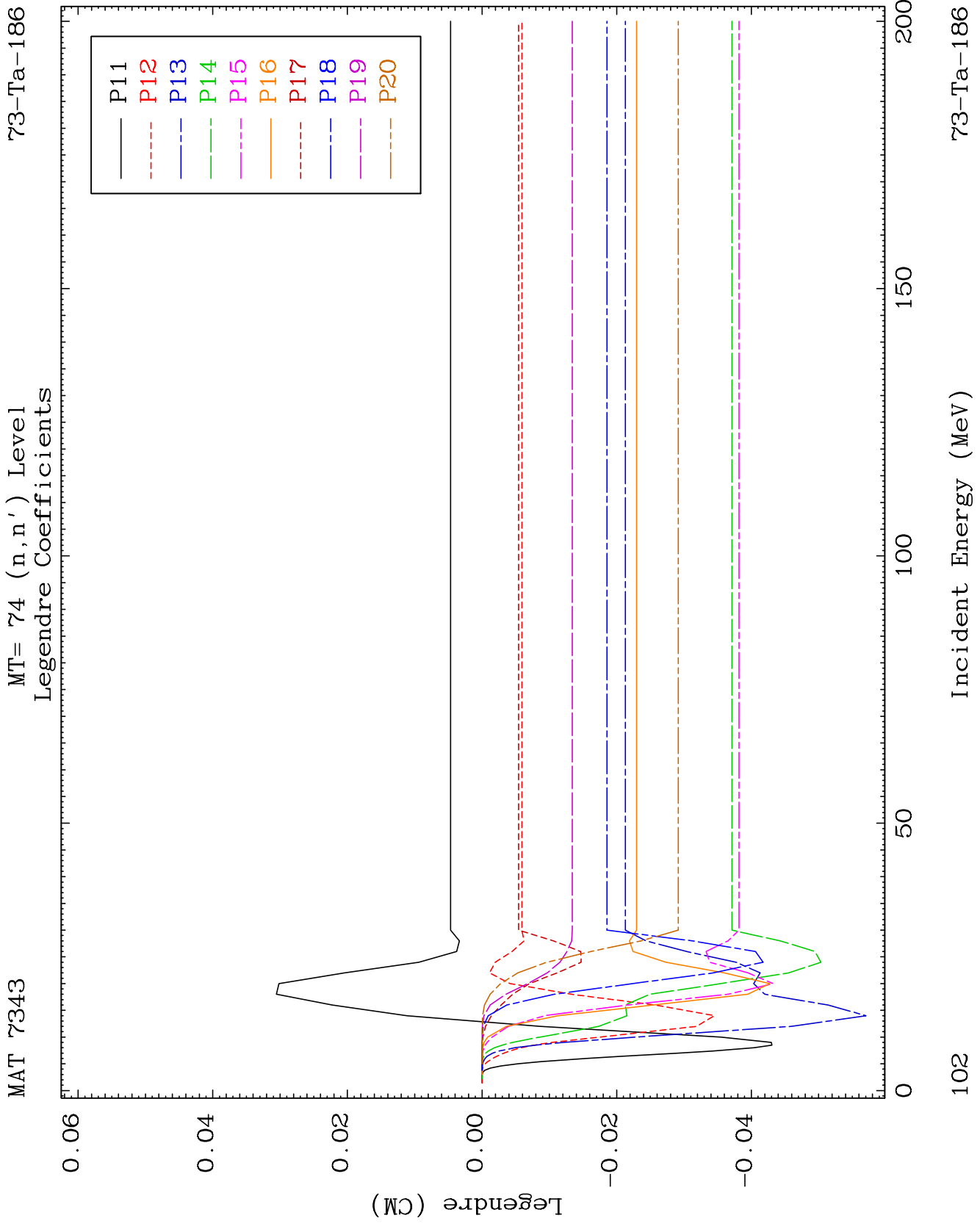
73-Ta-186

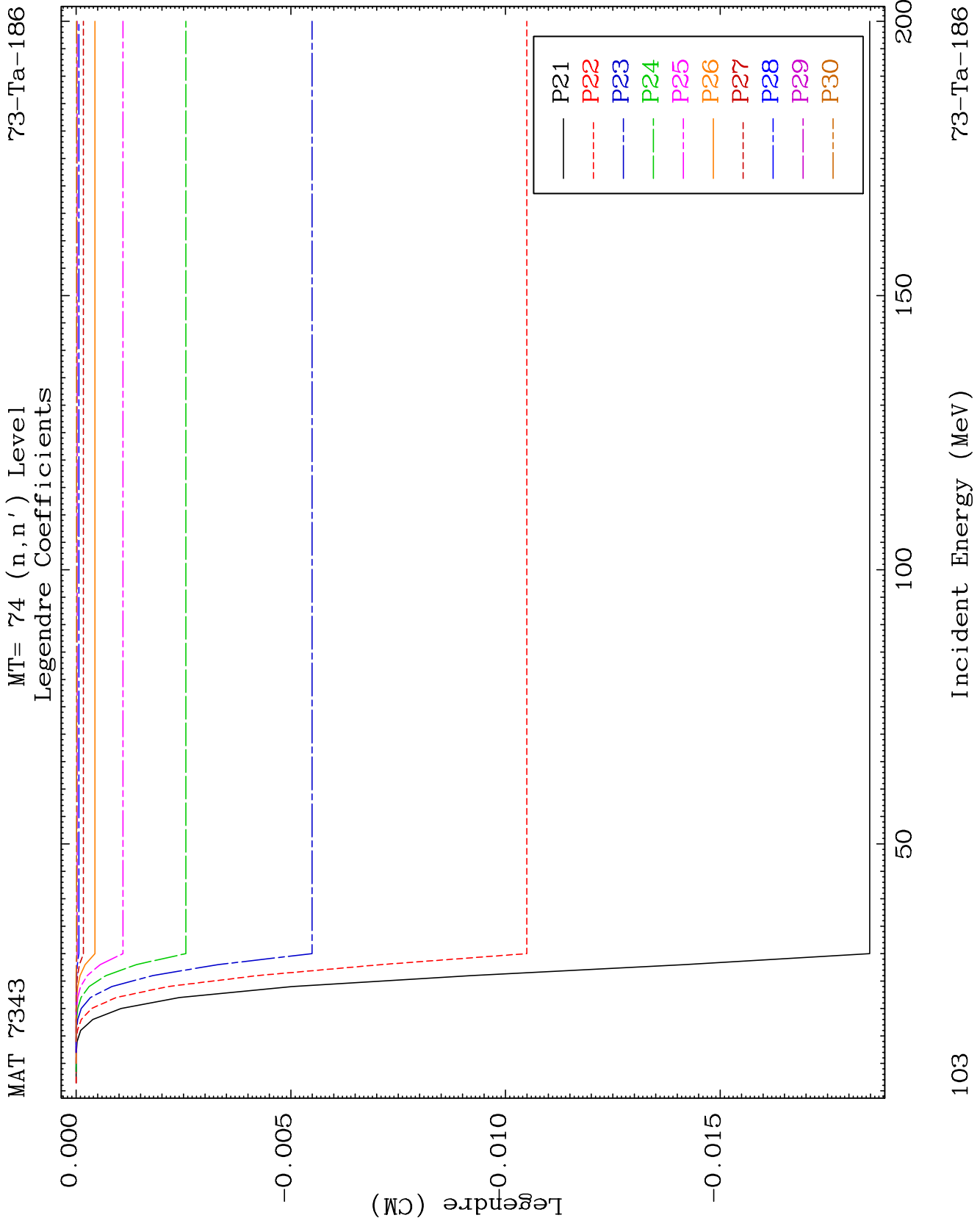


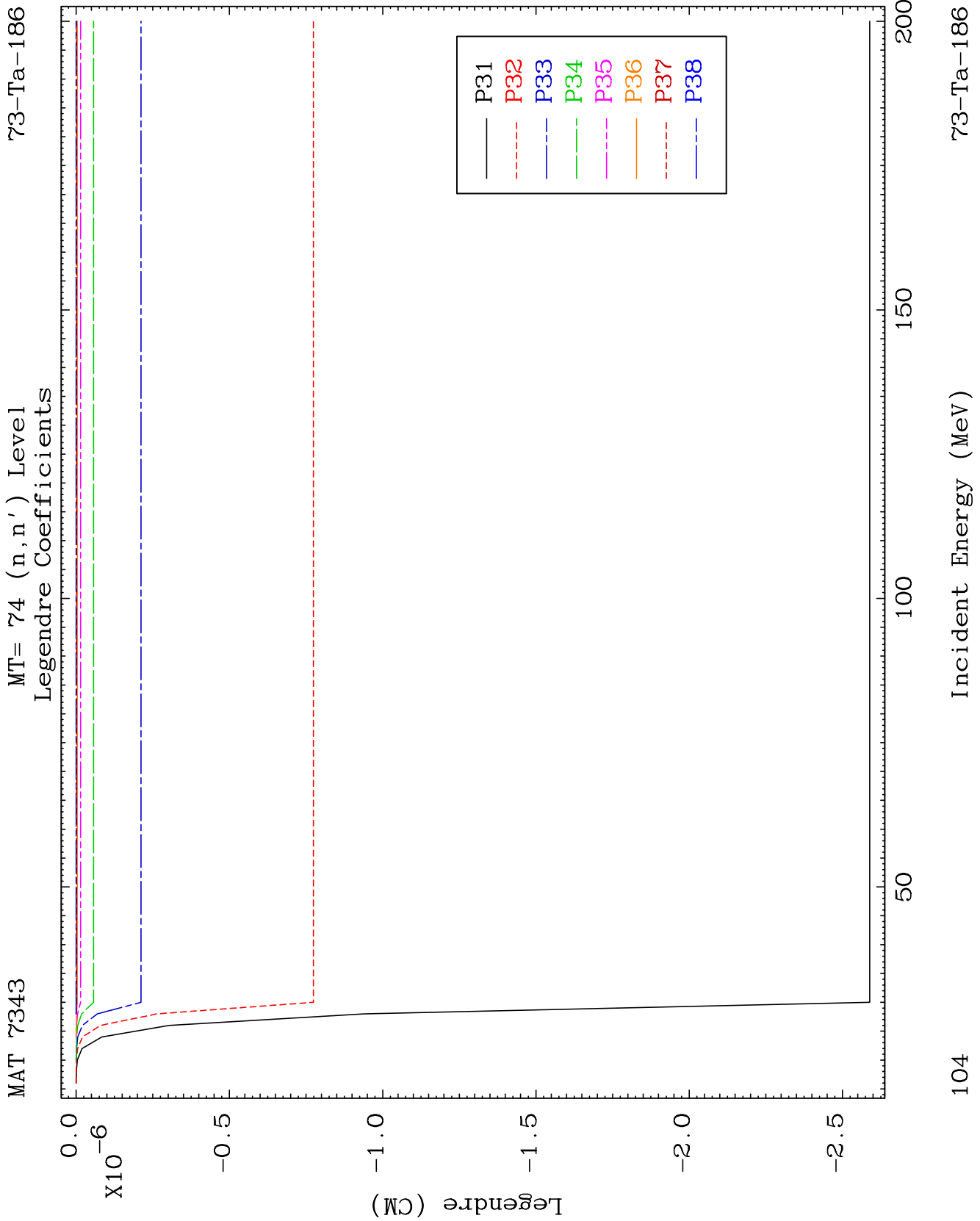
73-Ta-186

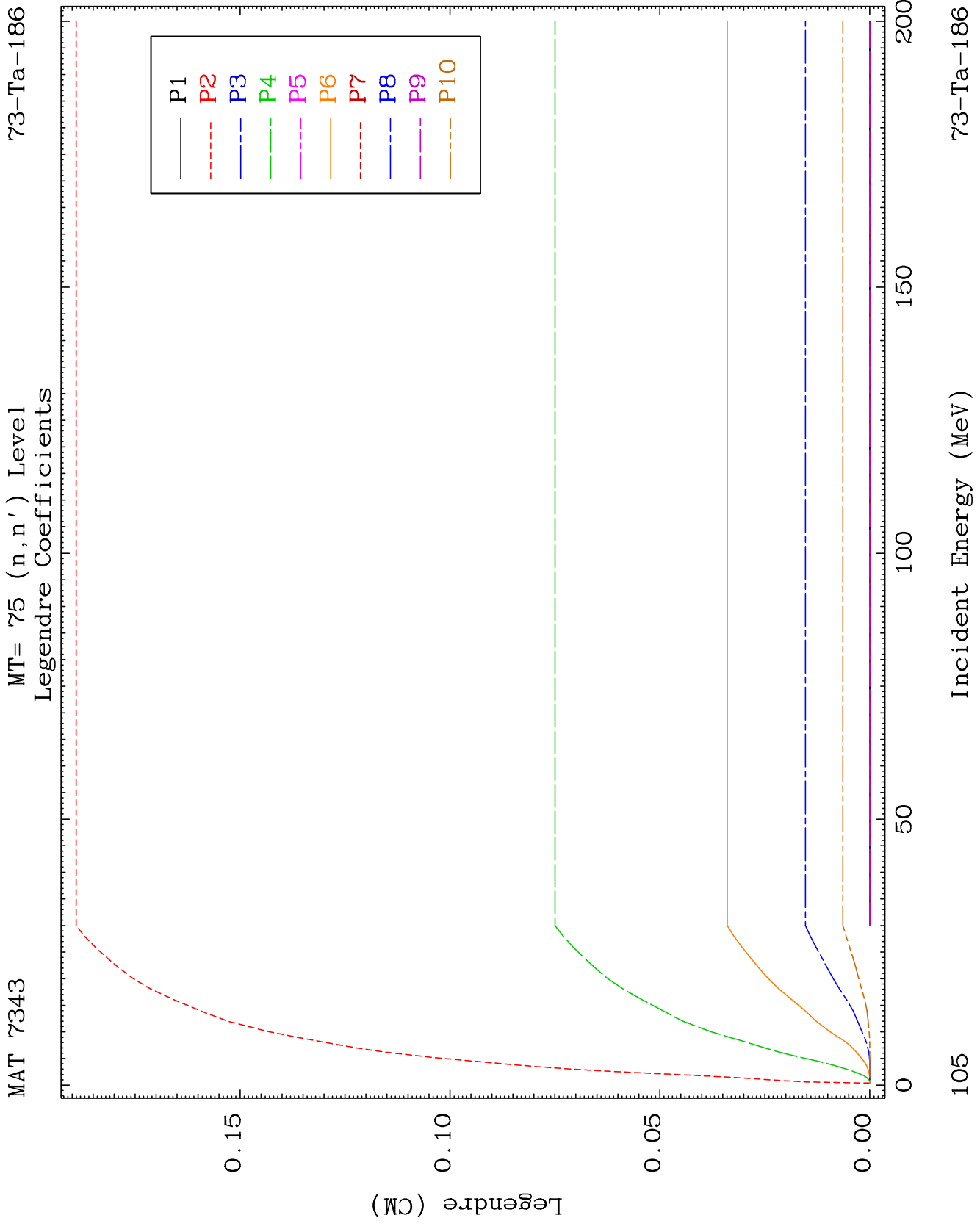
Incident Energy (MeV)

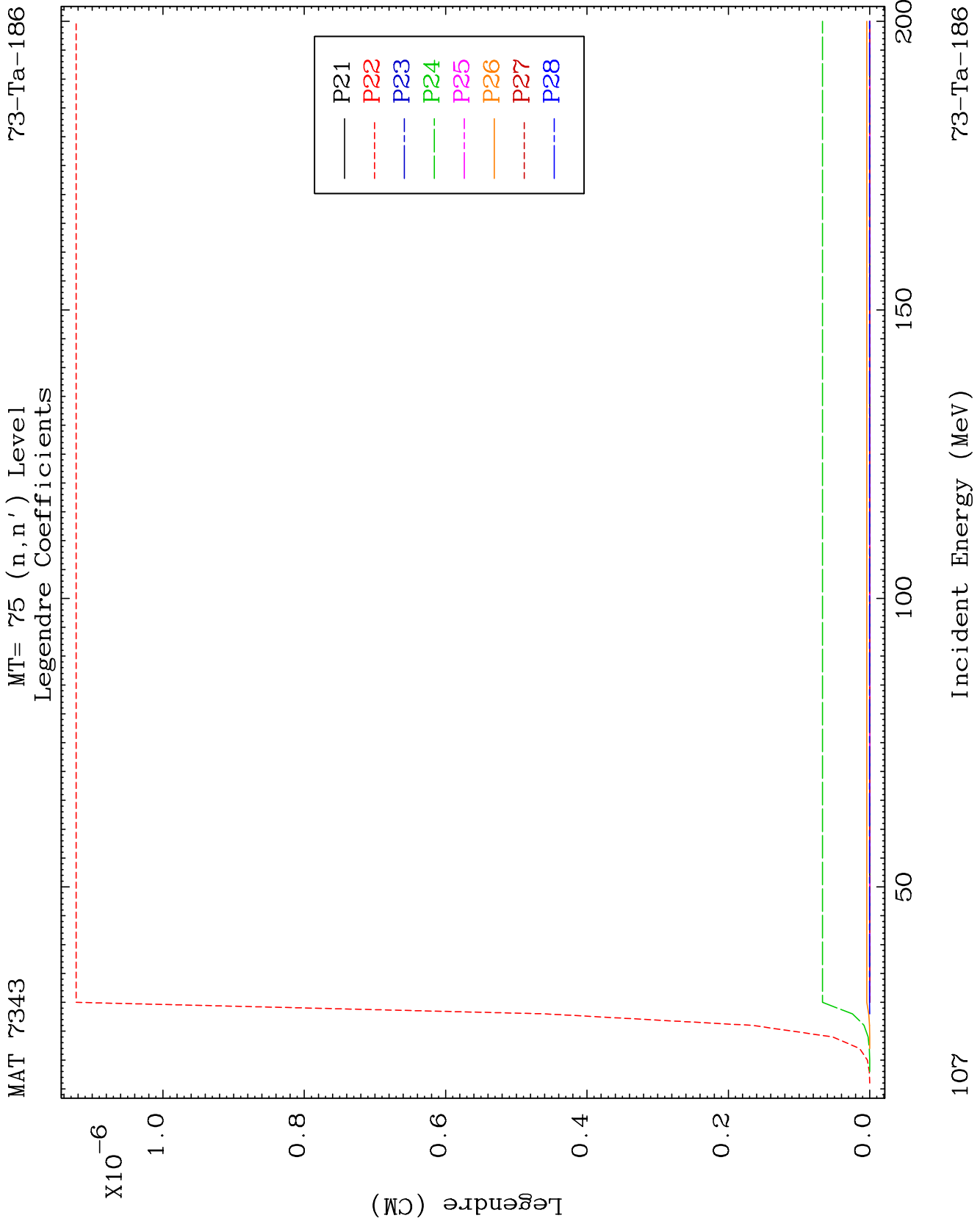
101







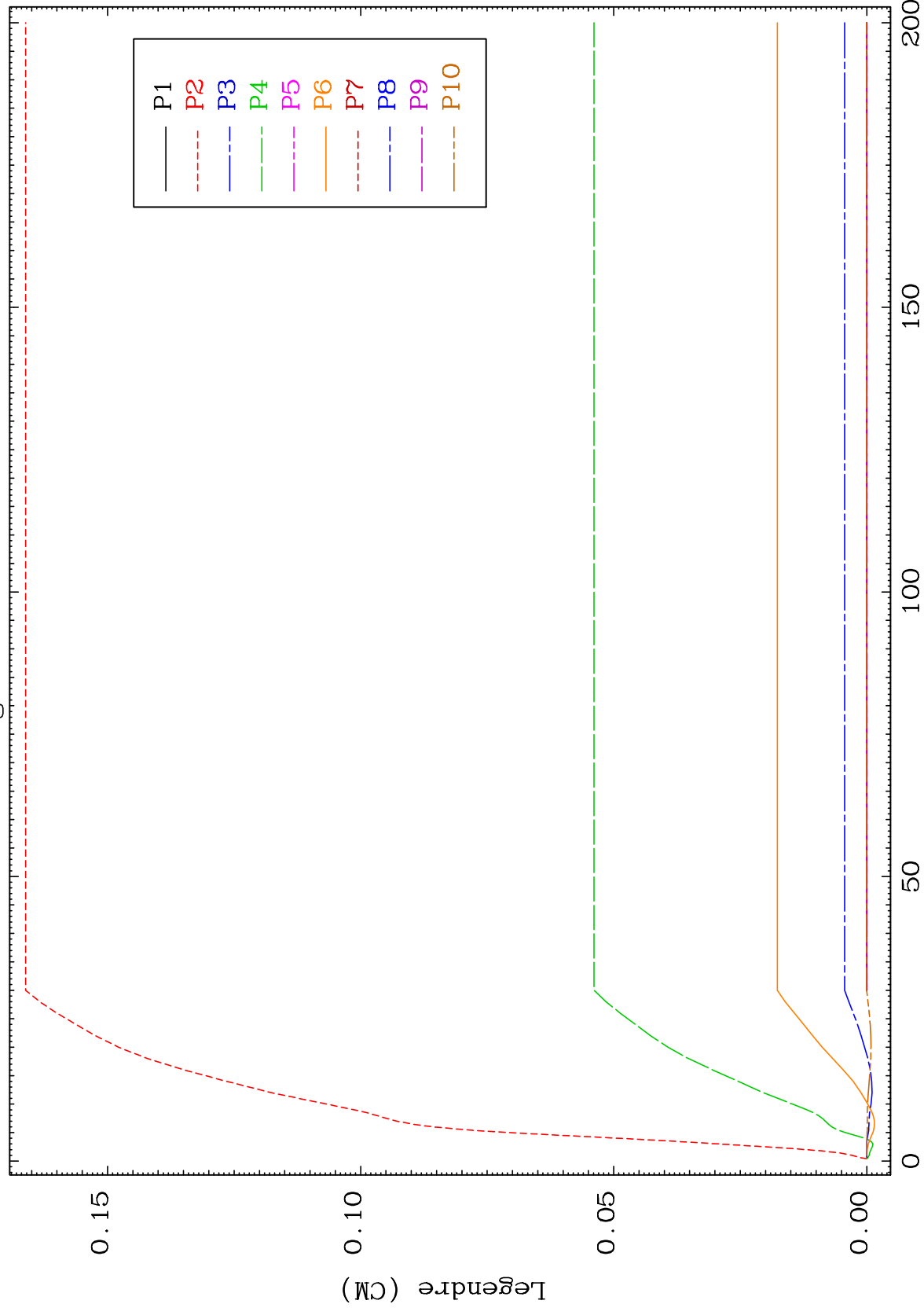




MAT 7343

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

73-Ta-186



73-Ta-186

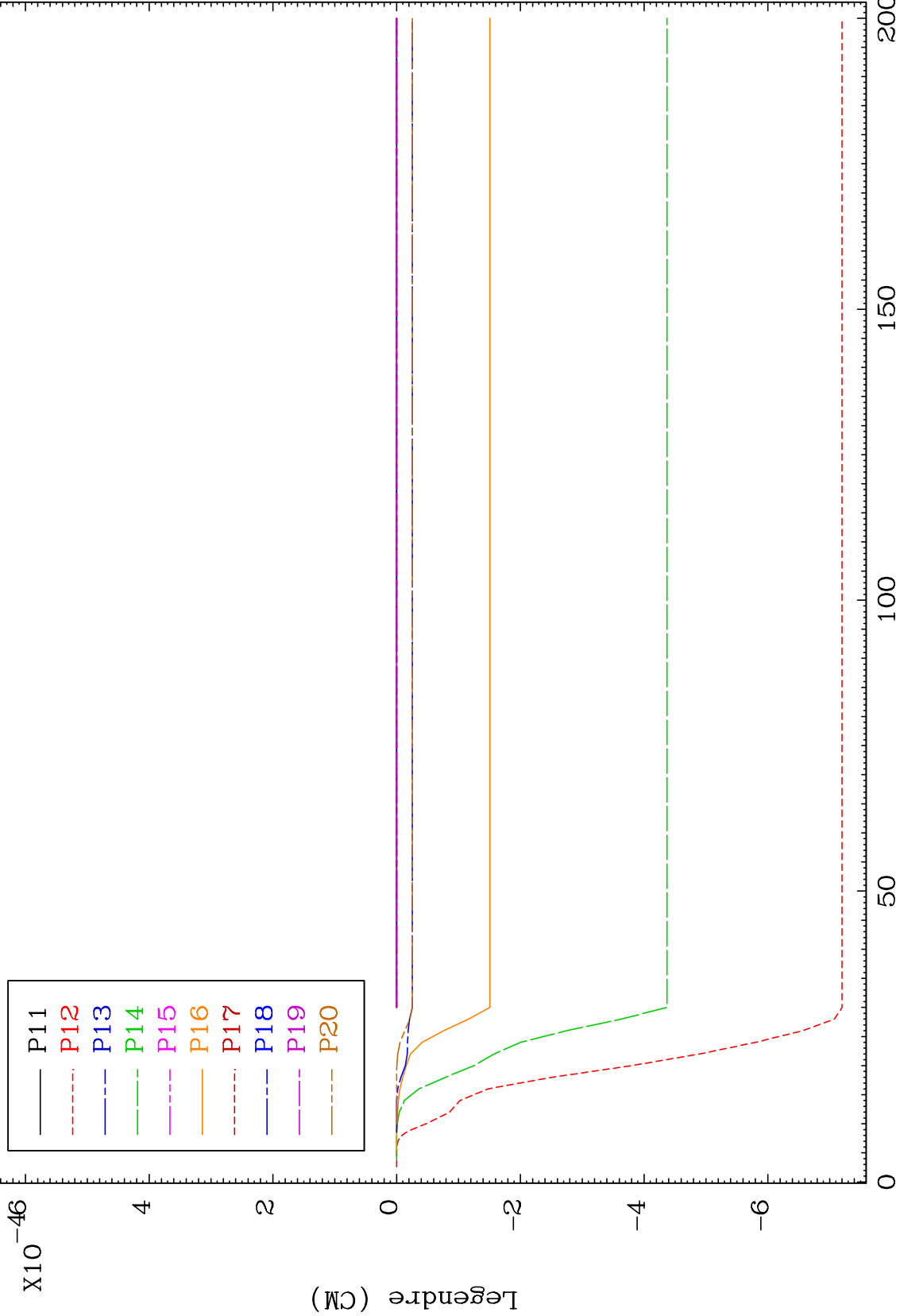
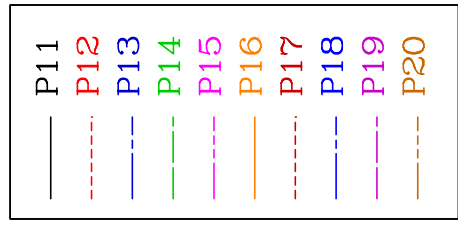
Incident Energy (MeV)

108

MAT 7343

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

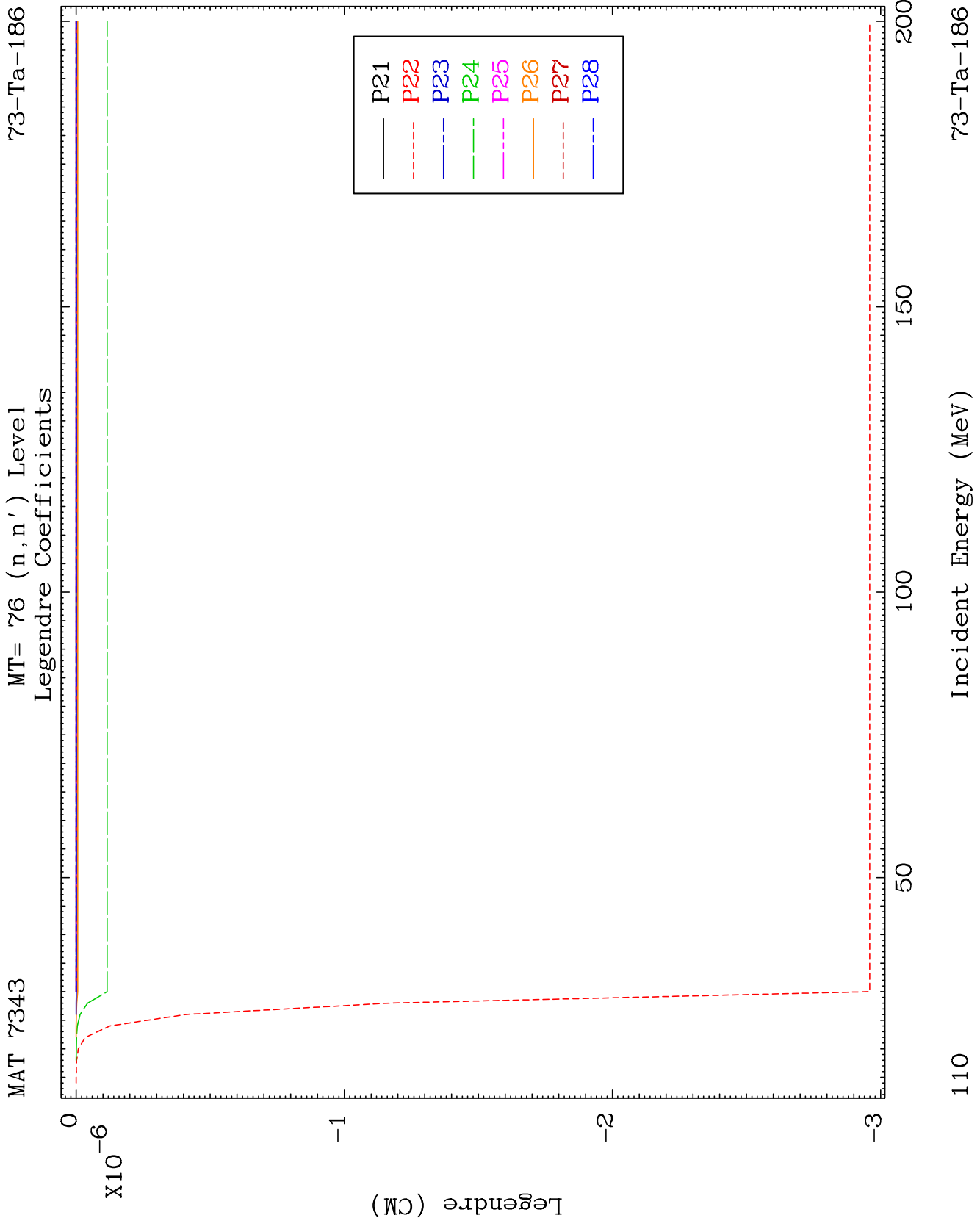
73-Ta-186



109

Incident Energy (MeV)

73-Ta-186

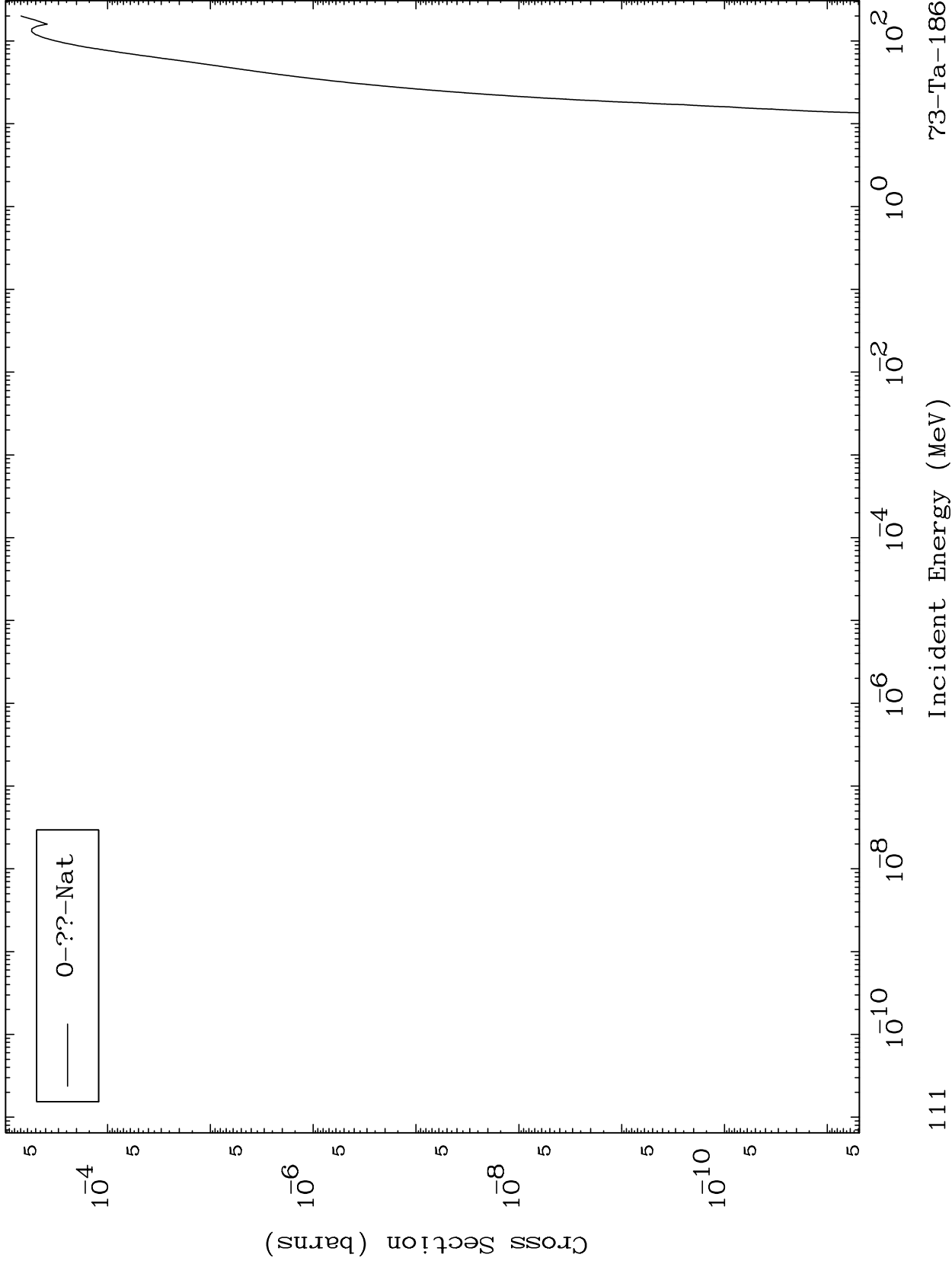


MAT 7343

Fission

⁷³Ta-186

Radionuclide Production Cross Section



111

Incident Energy (MeV)

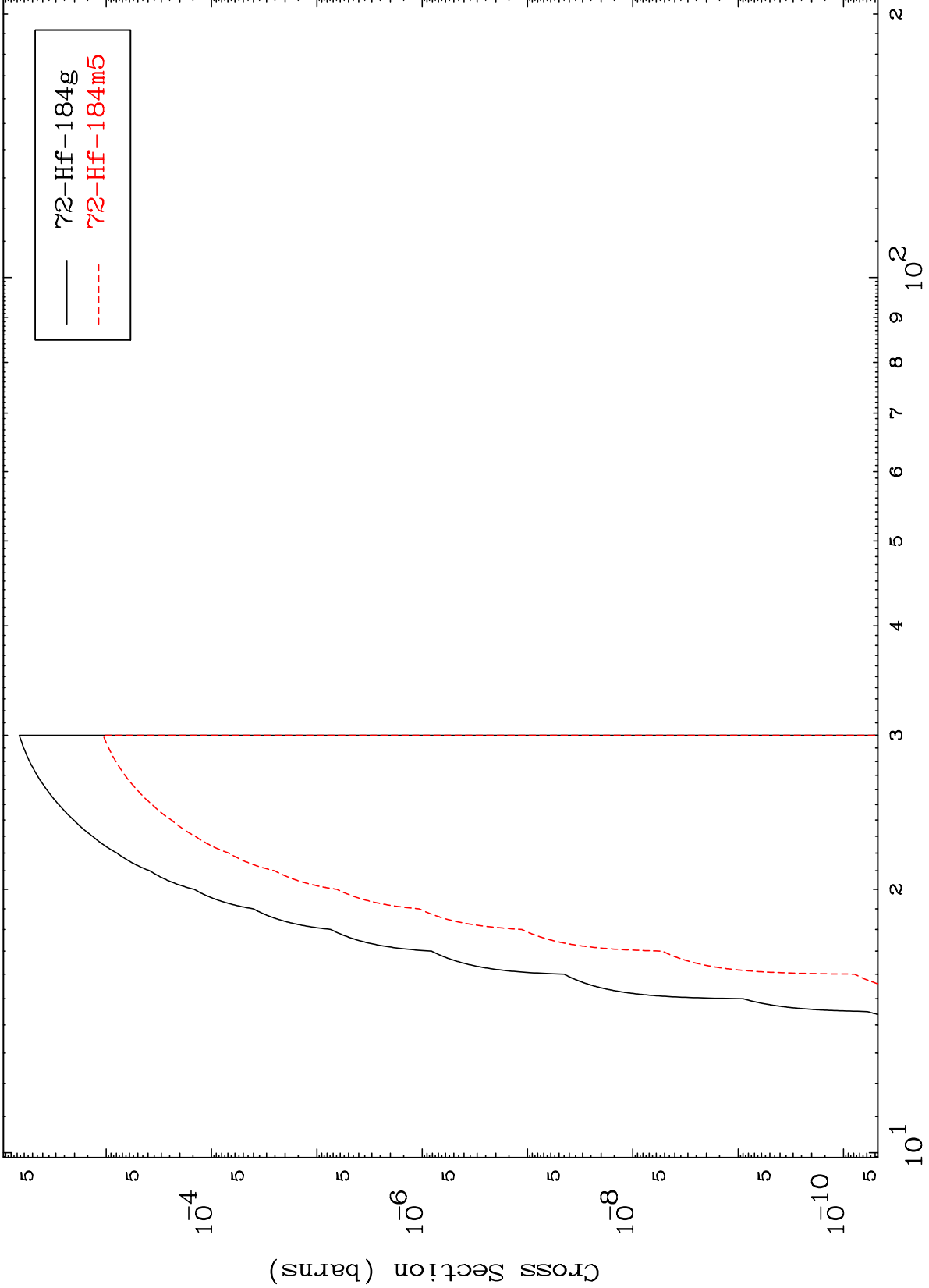
⁷³Ta-186

MAT 7343

(n,n') d

73-Ta-186

Radionuclide Production Cross Section

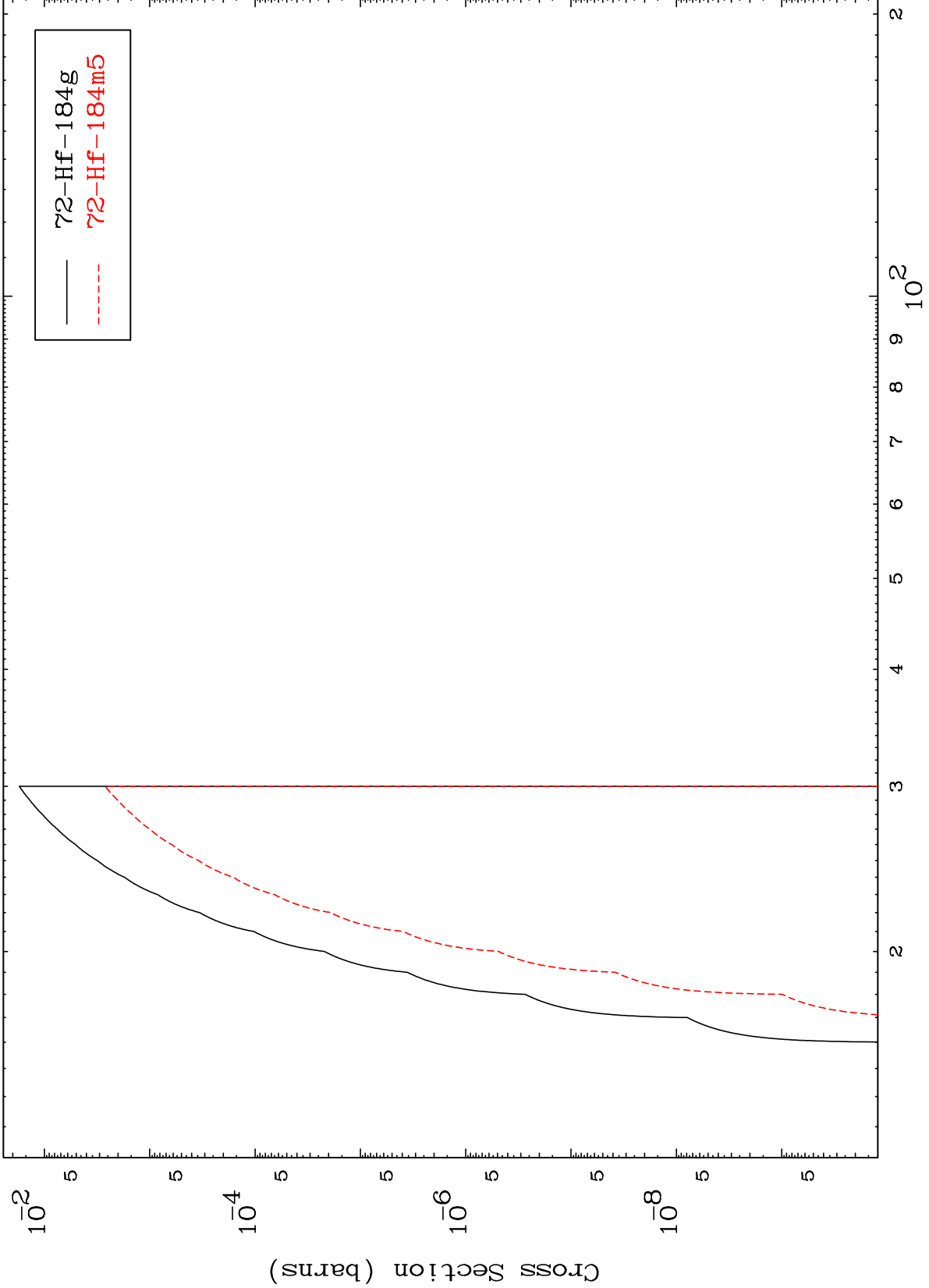


112

Incident Energy (MeV)

73-Ta-186

Radionuclide Production Cross Section

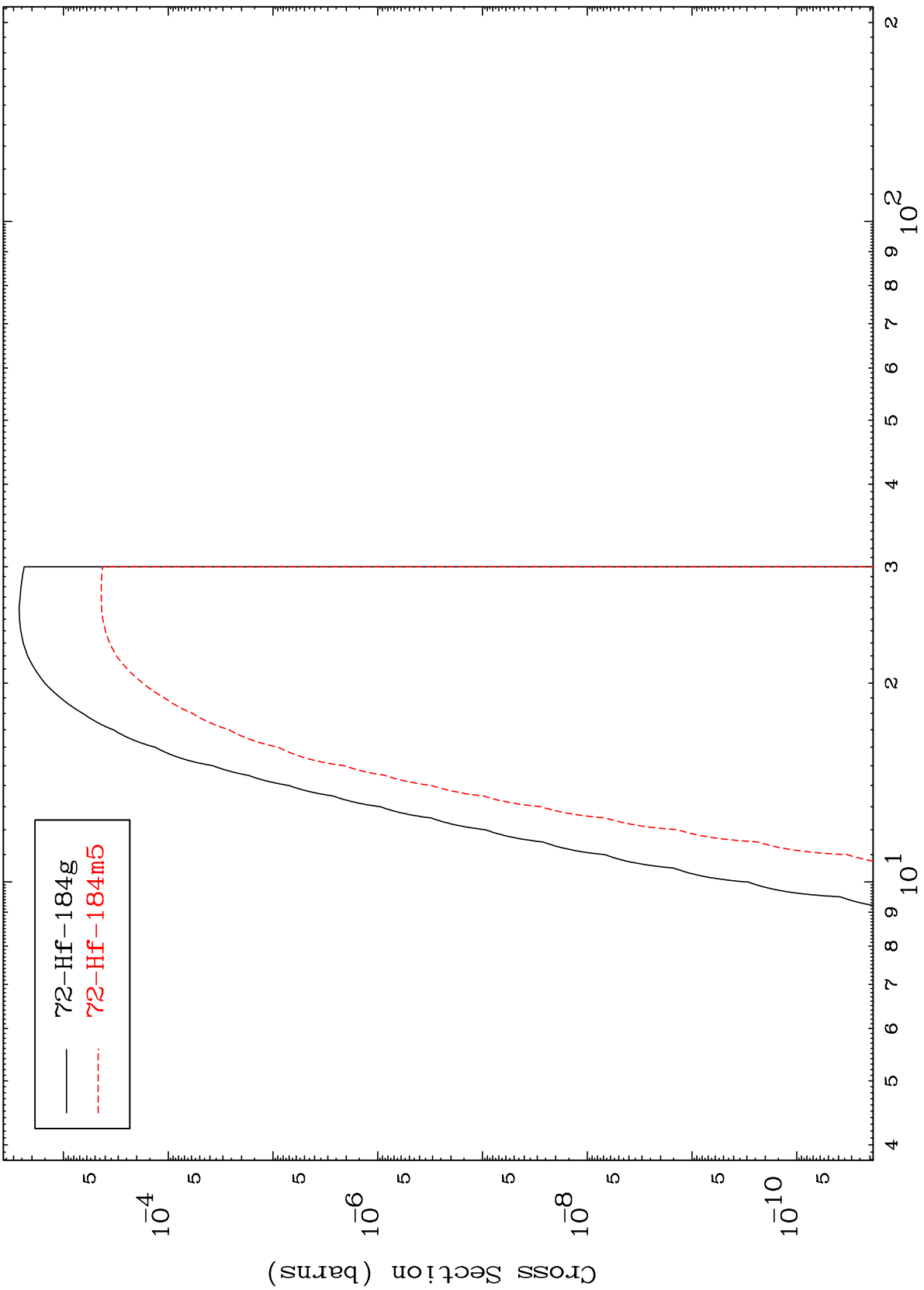


72-Hf-184g
72-Hf-184m5

MAT 7343

73-Ta-186

Radionuclide Production Cross Section (n,t)



114

Incident Energy (MeV)

73-Ta-186