

Program EVALPLOT
(Version 2017-1)

by

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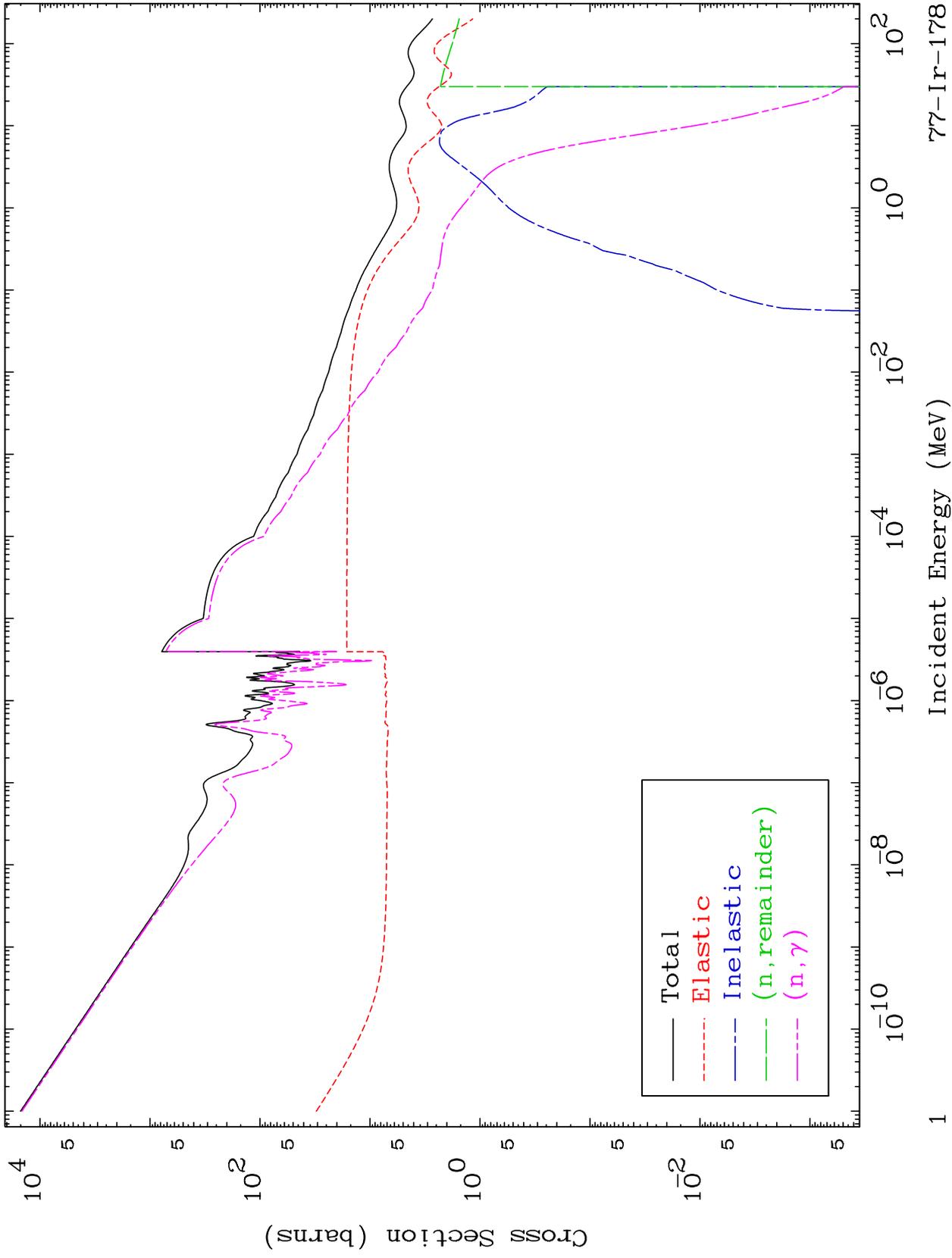
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Press Mouse Button to Start

MAT 7686

Major
293 Kelvin Cross Sections

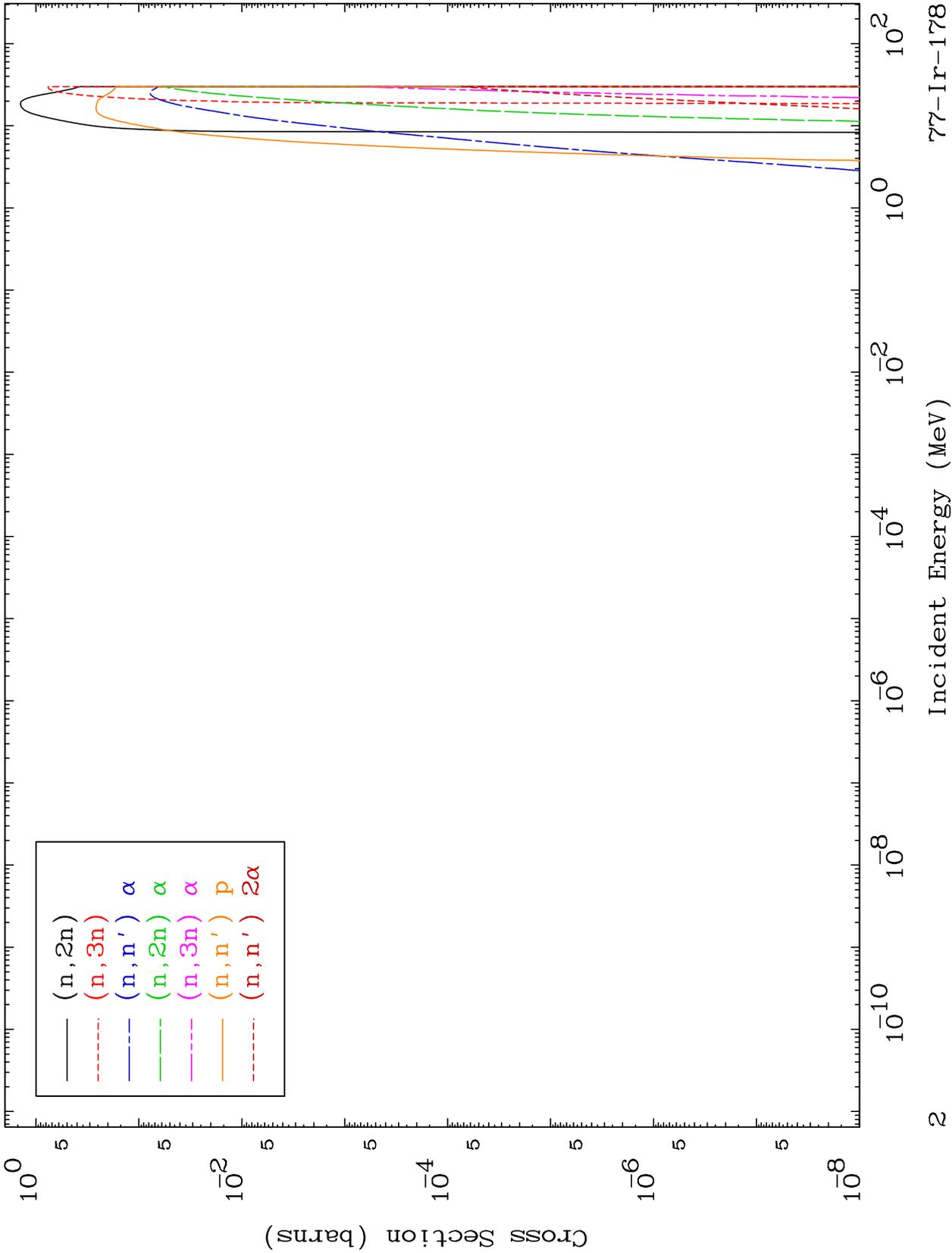
⁷⁷Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

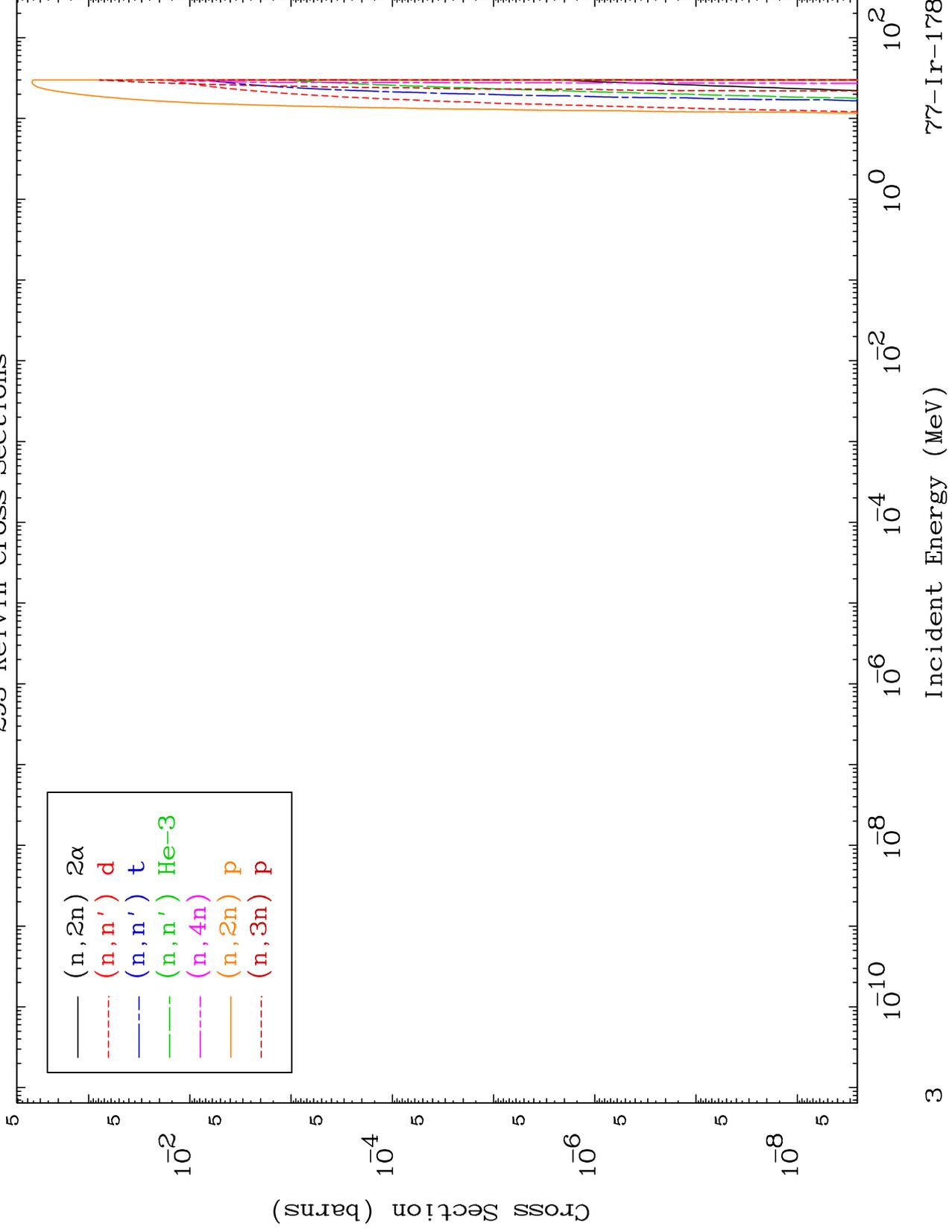
77-Ir-178



MAT 7686

Neutron Production
293 Kelvin Cross Sections

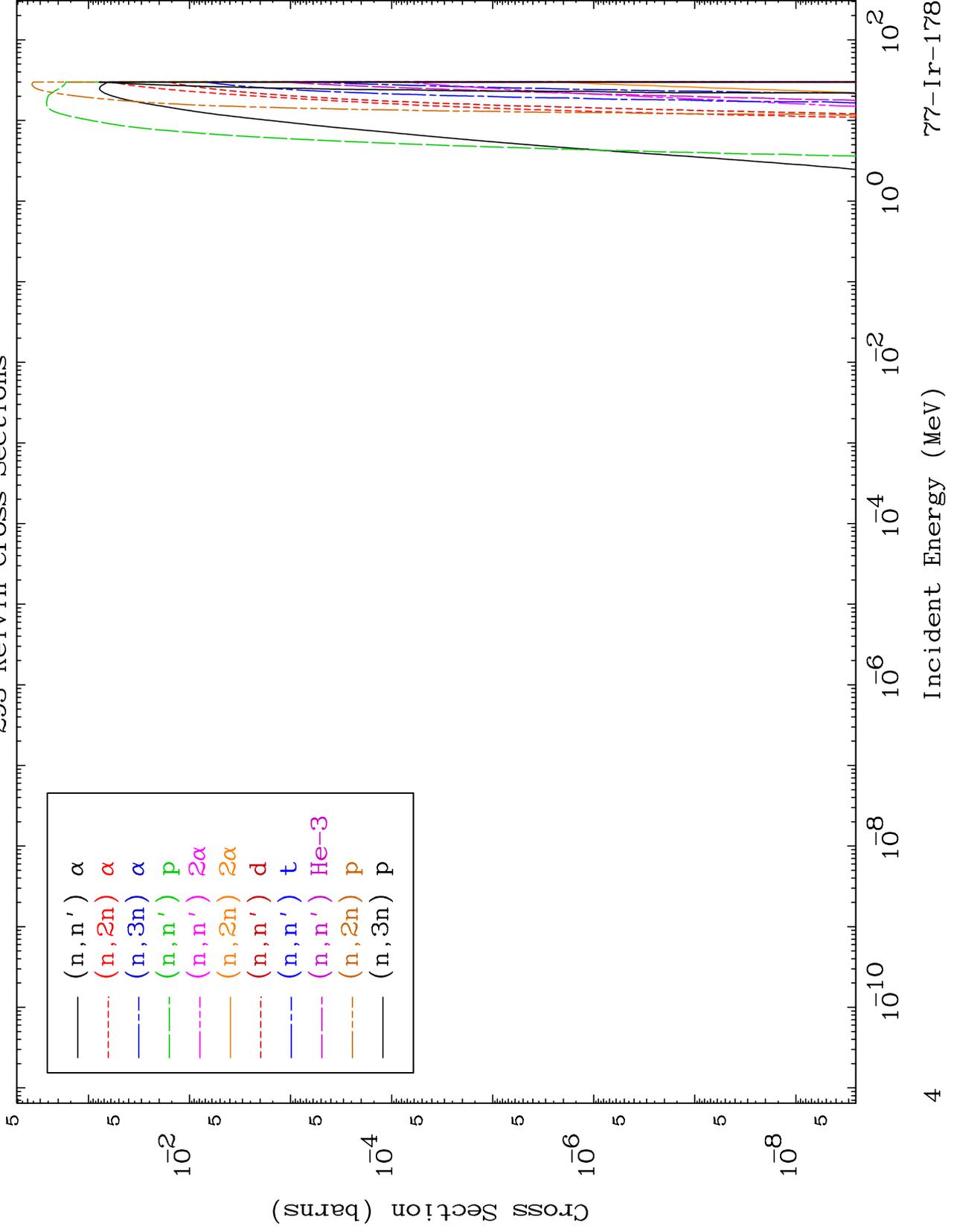
⁷⁷Ir-178



MAT 7686

Charged Particle
293 Kelvin Cross Sections

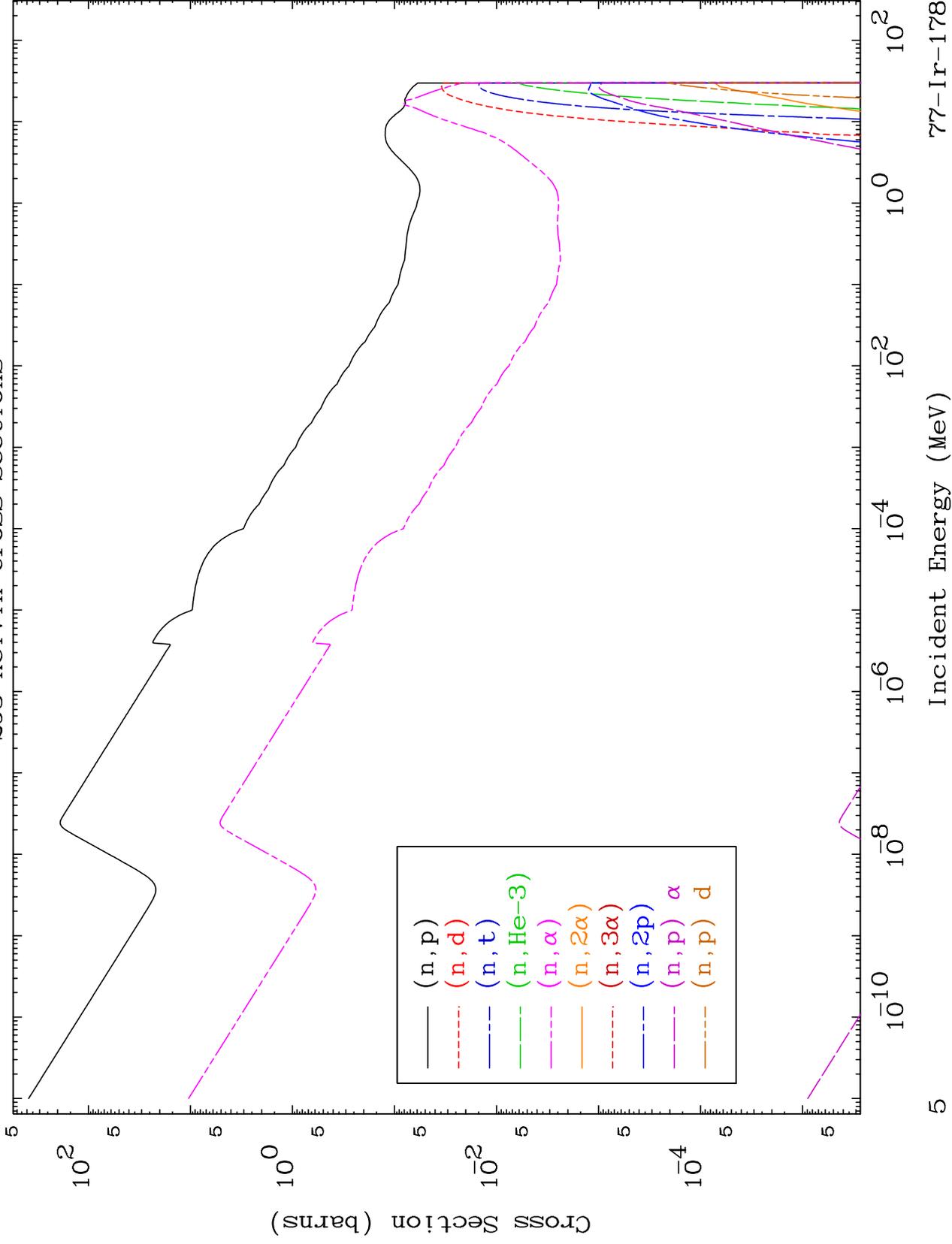
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MAT 7686

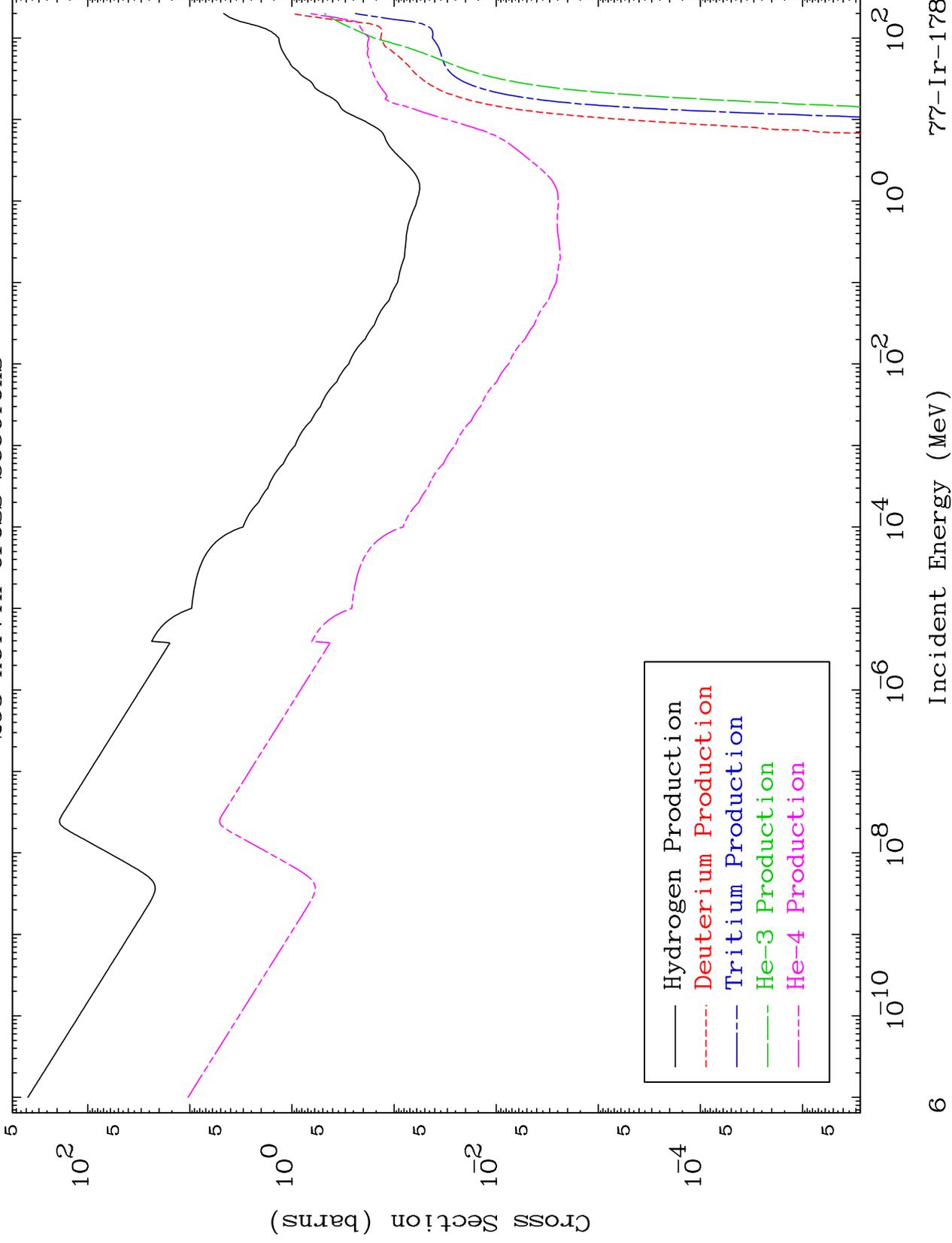
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293 Kelvin Cross Sections

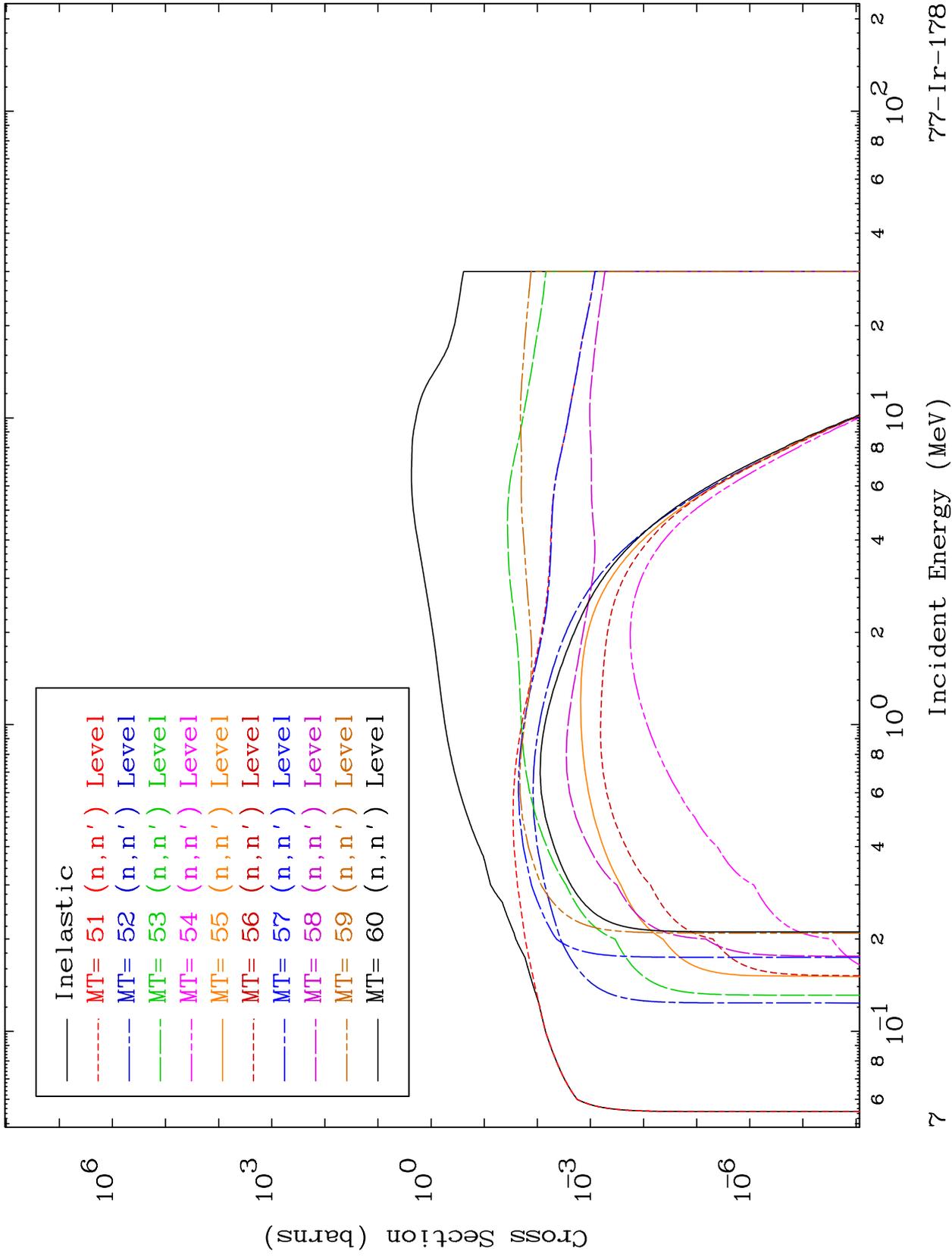
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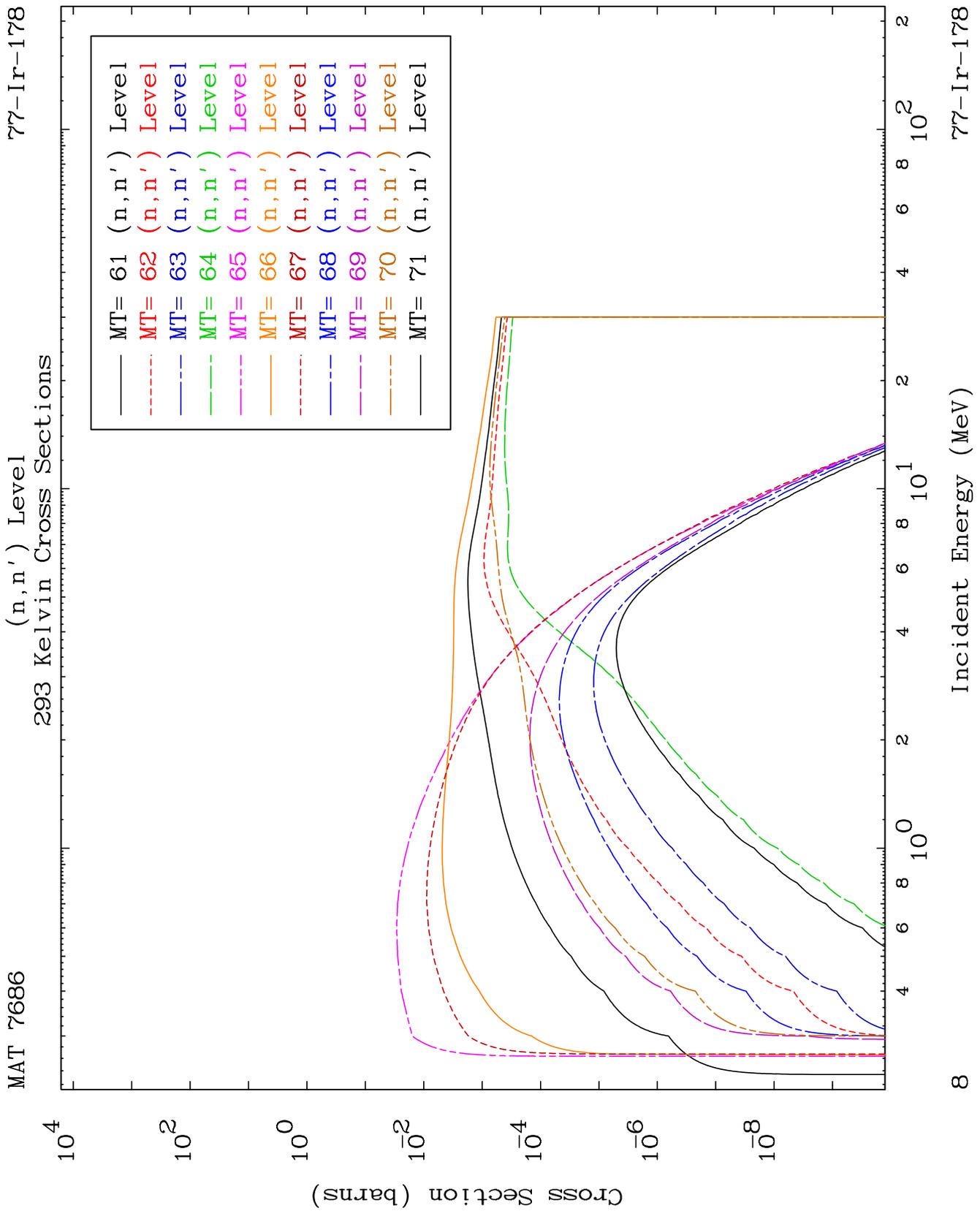


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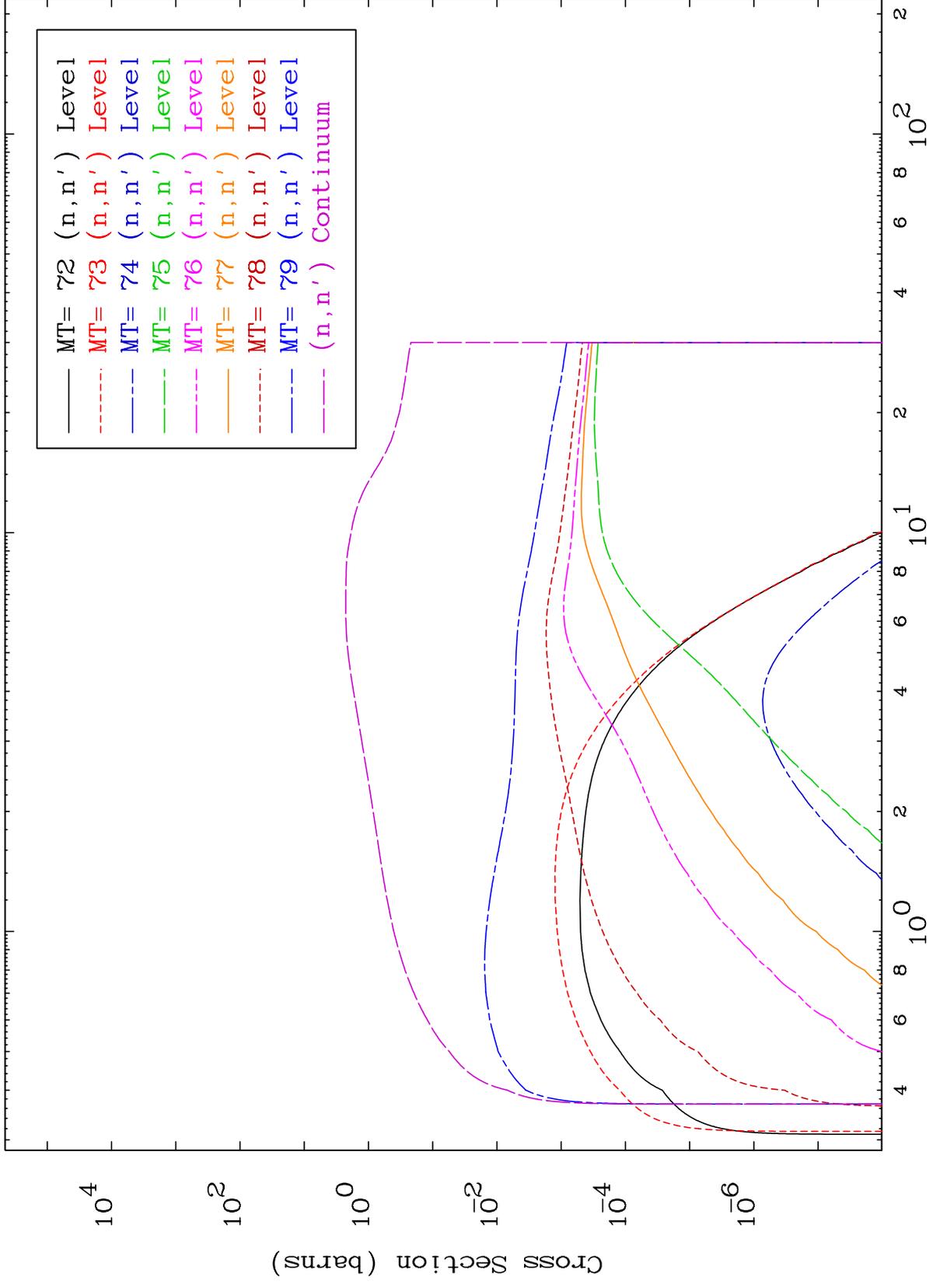
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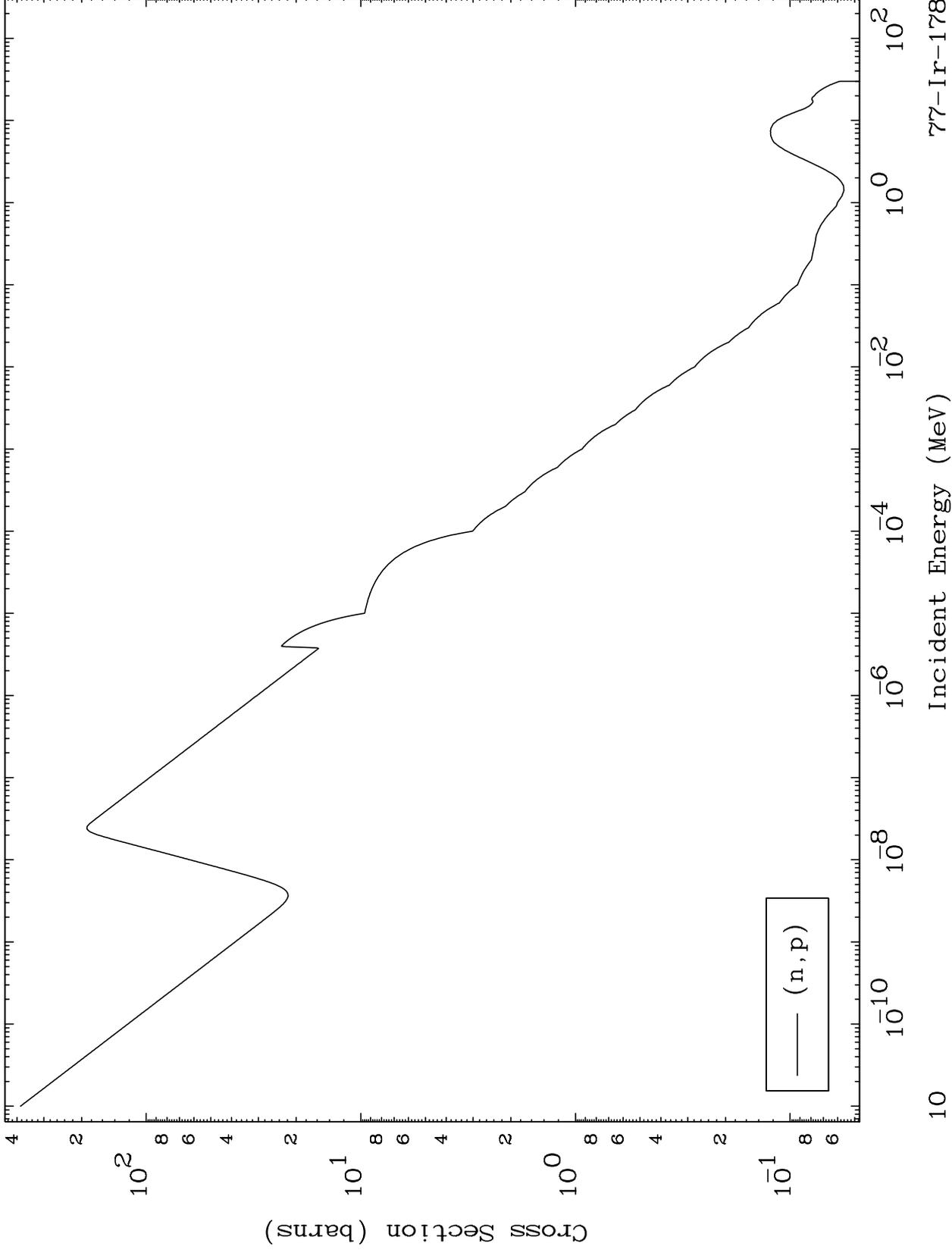
293 Kelvin Cross Sections



MAT 7686

(n,p) Levels
293 Kelvin Cross Sections

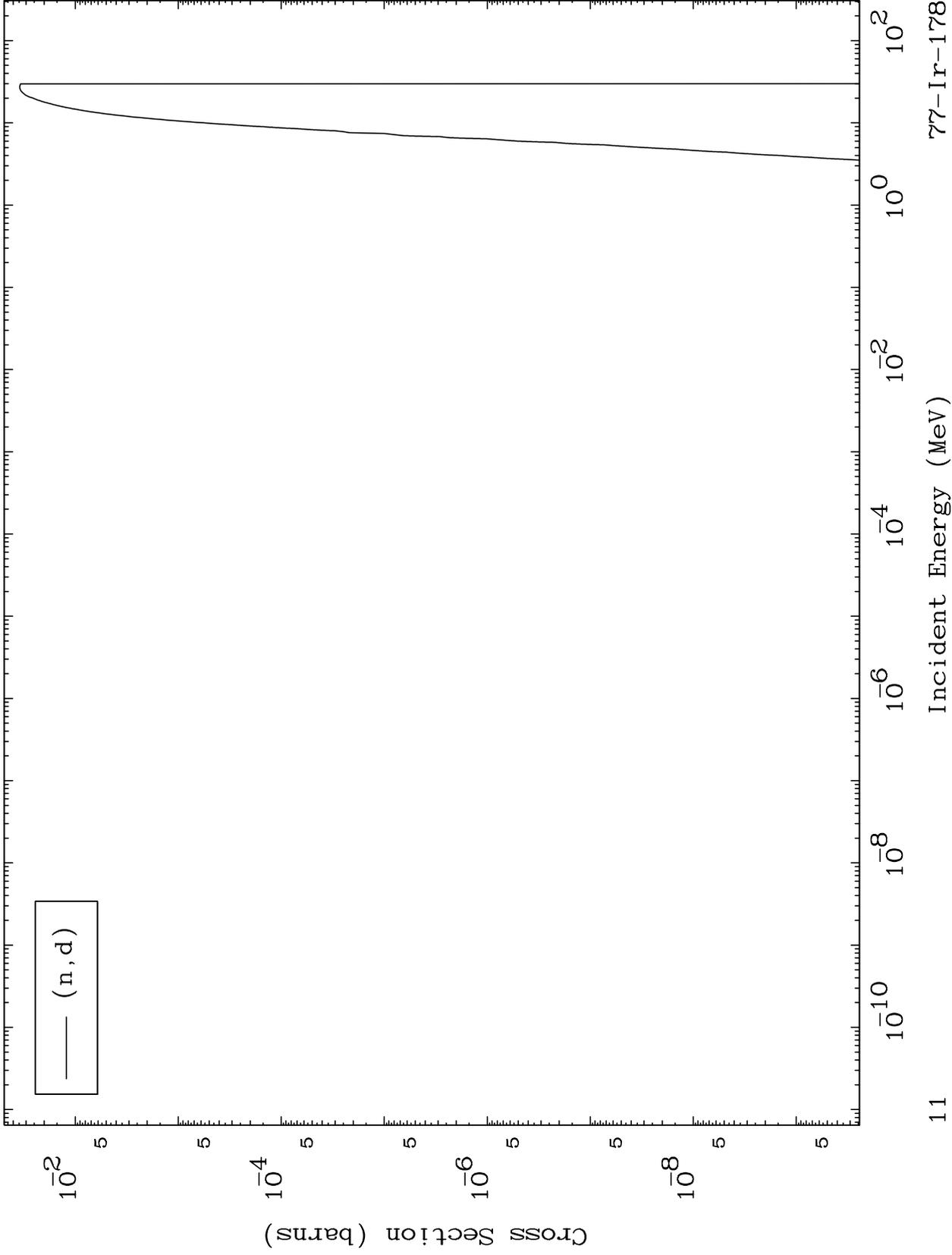
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MAT 7686

(n,d) Levels
293 Kelvin Cross Sections

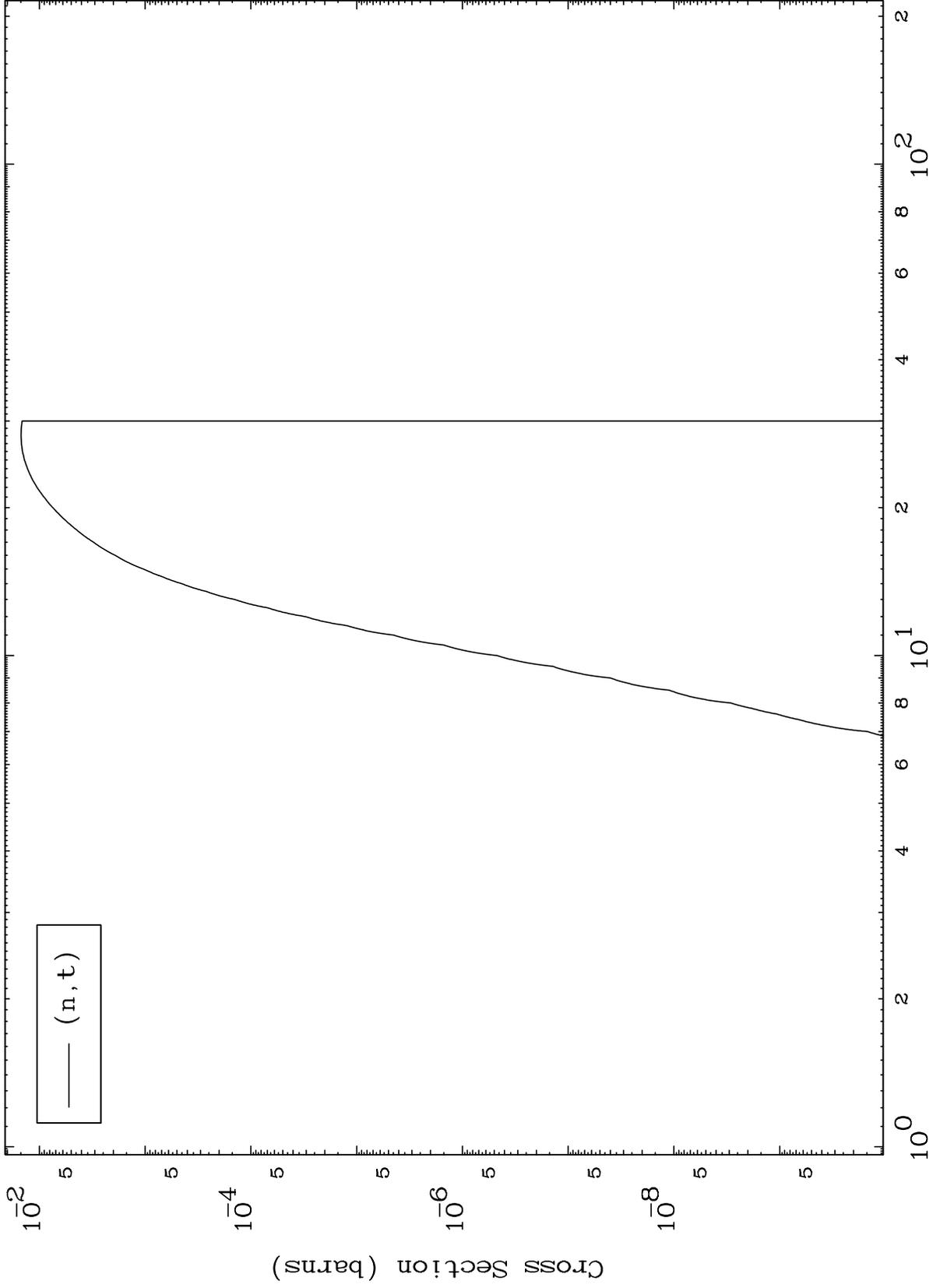
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MAT 7686

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-178



12

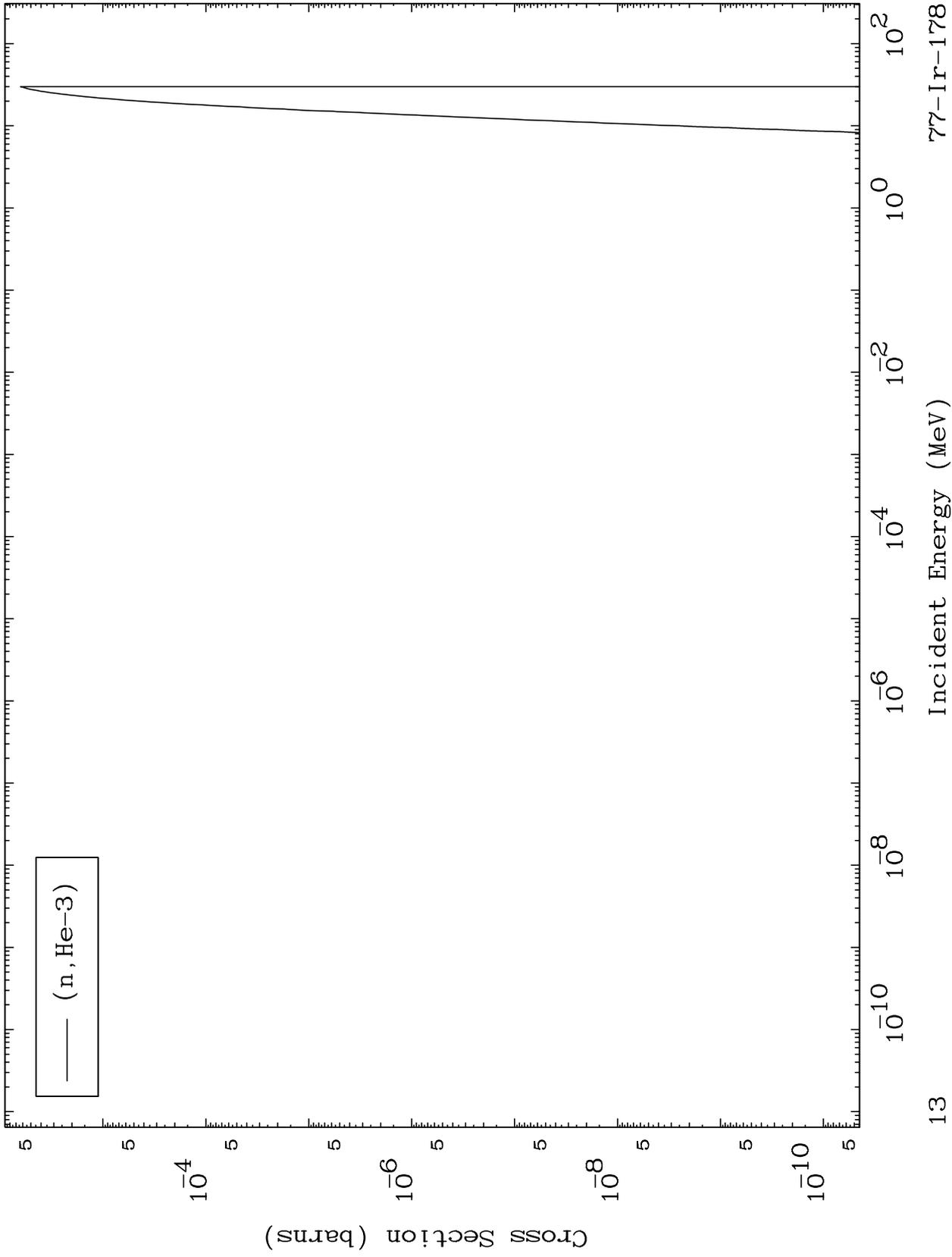
Incident Energy (MeV)

77-Ir-178

MAT 7686

(n,He3) Levels
293 Kelvin Cross Sections

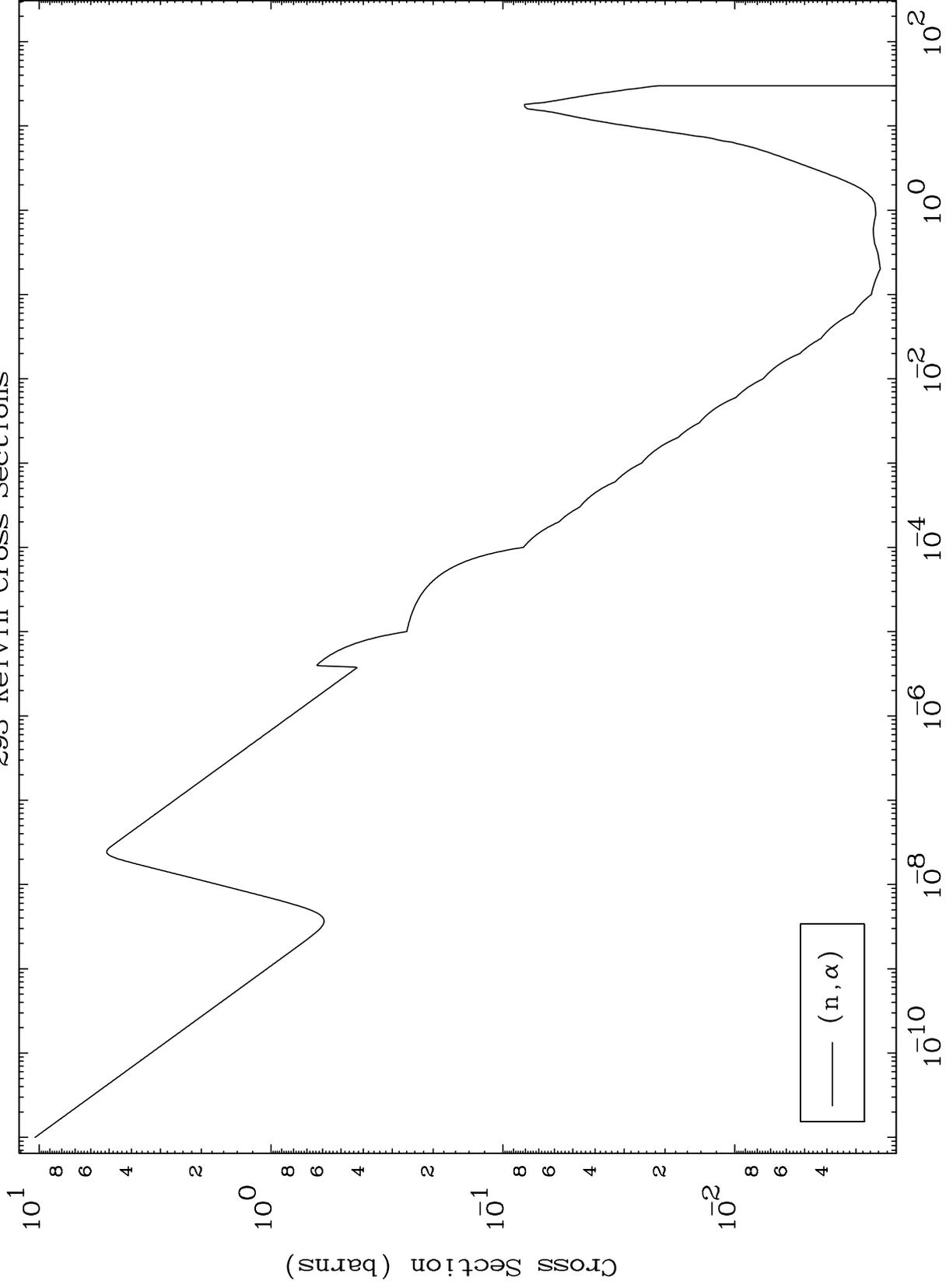
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MAT 7686

(n,α) Levels
293 Kelvin Cross Sections

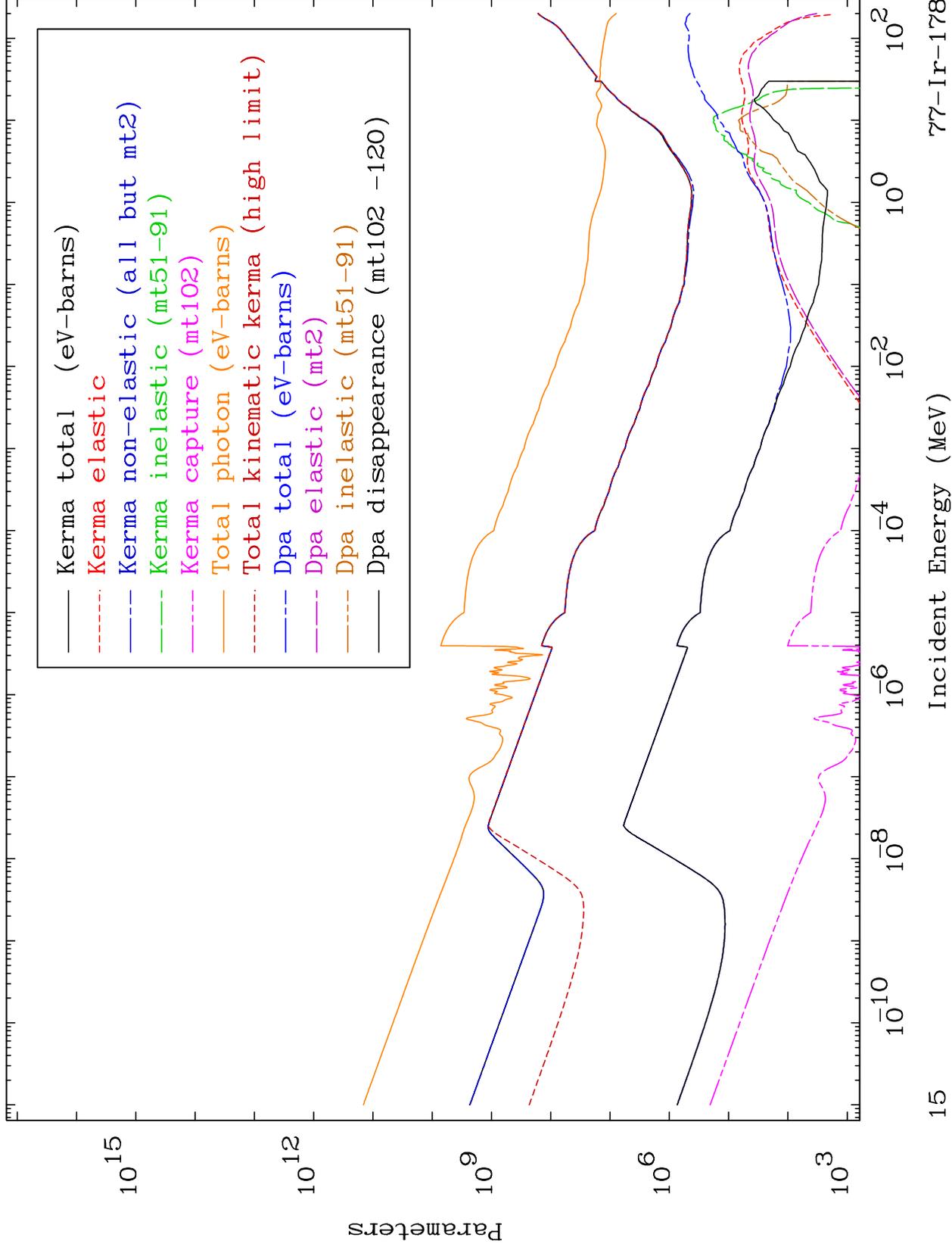
77-Ir-178



Incident Energy (MeV)

77-Ir-178

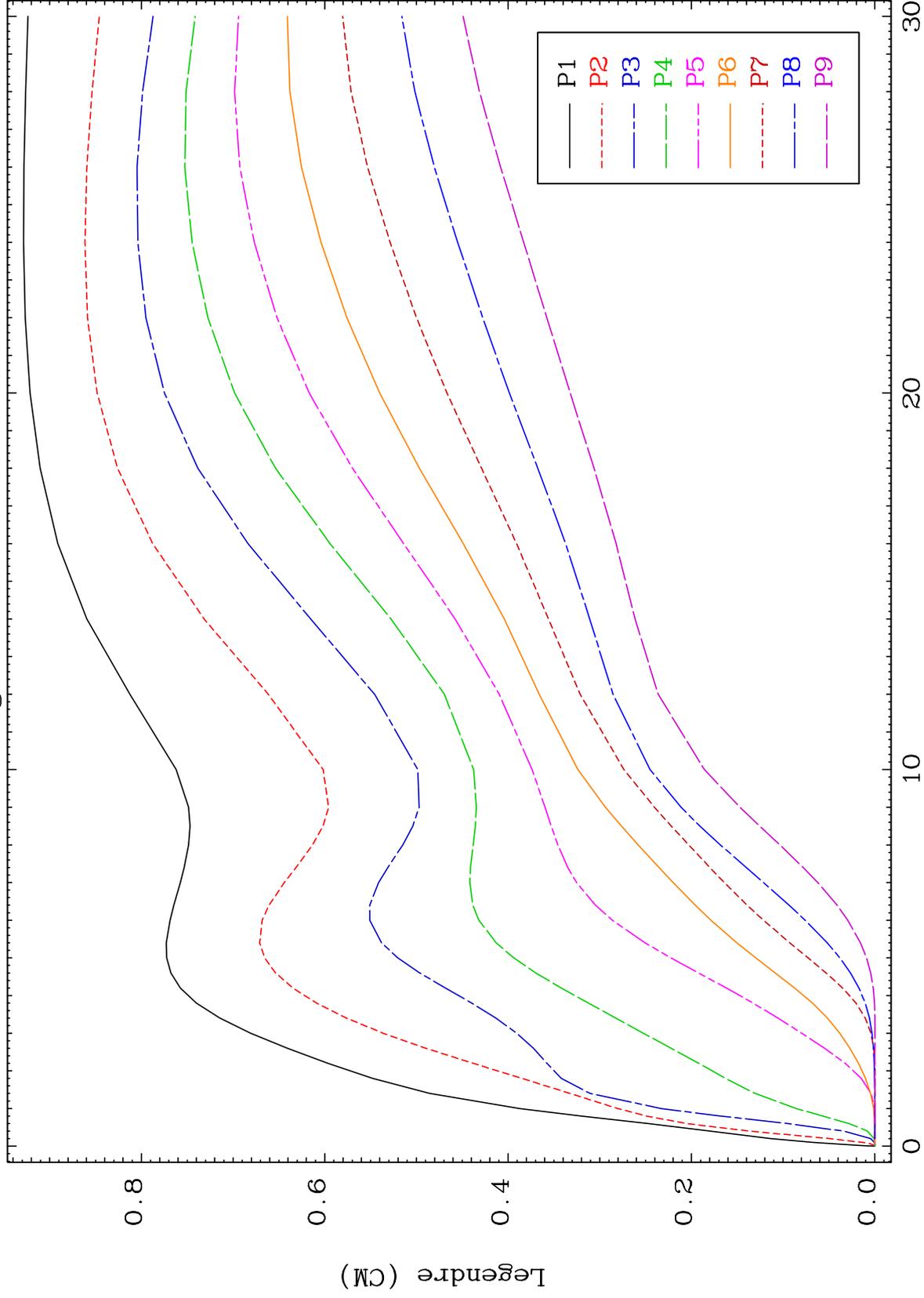
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MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



16

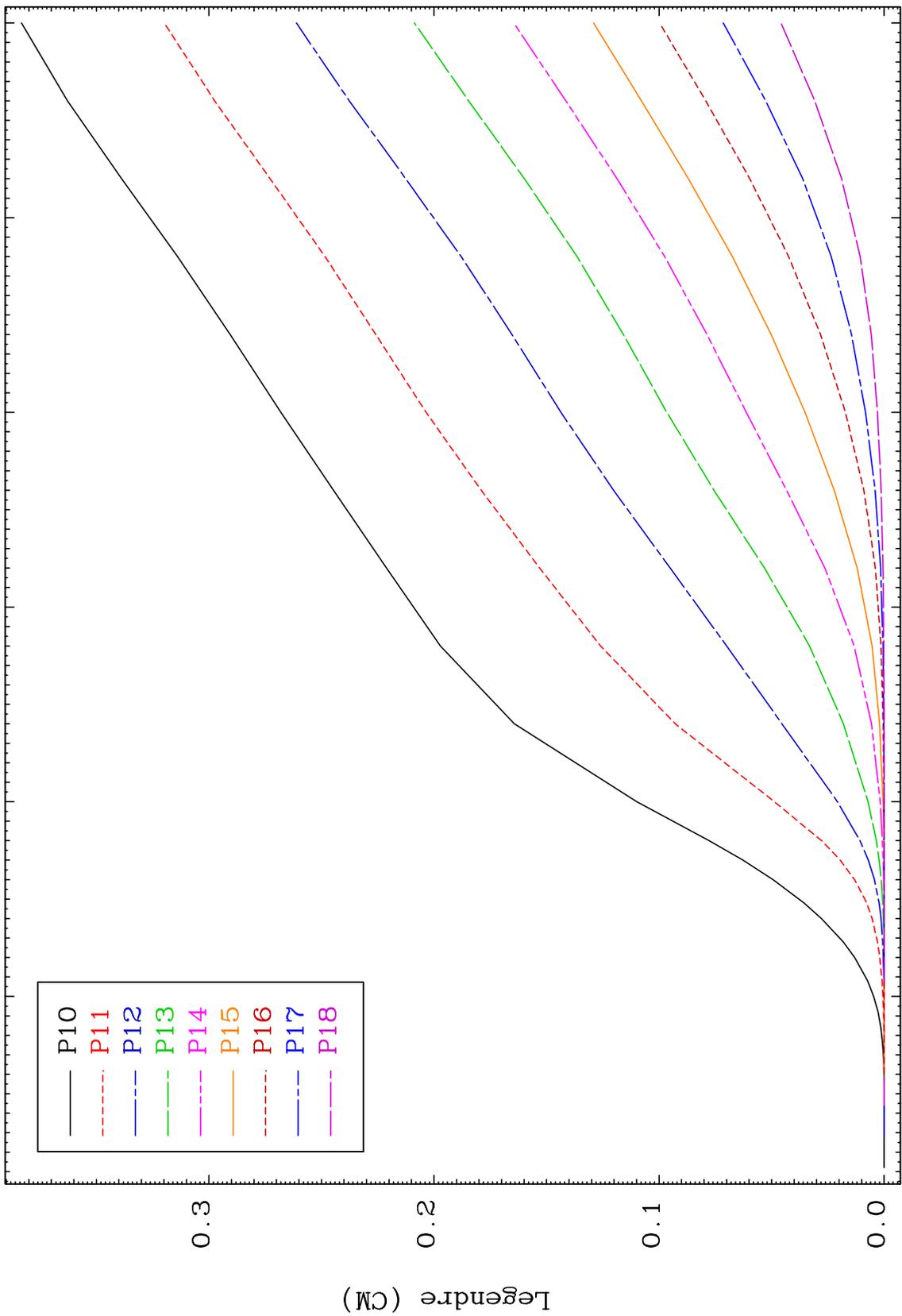
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



17

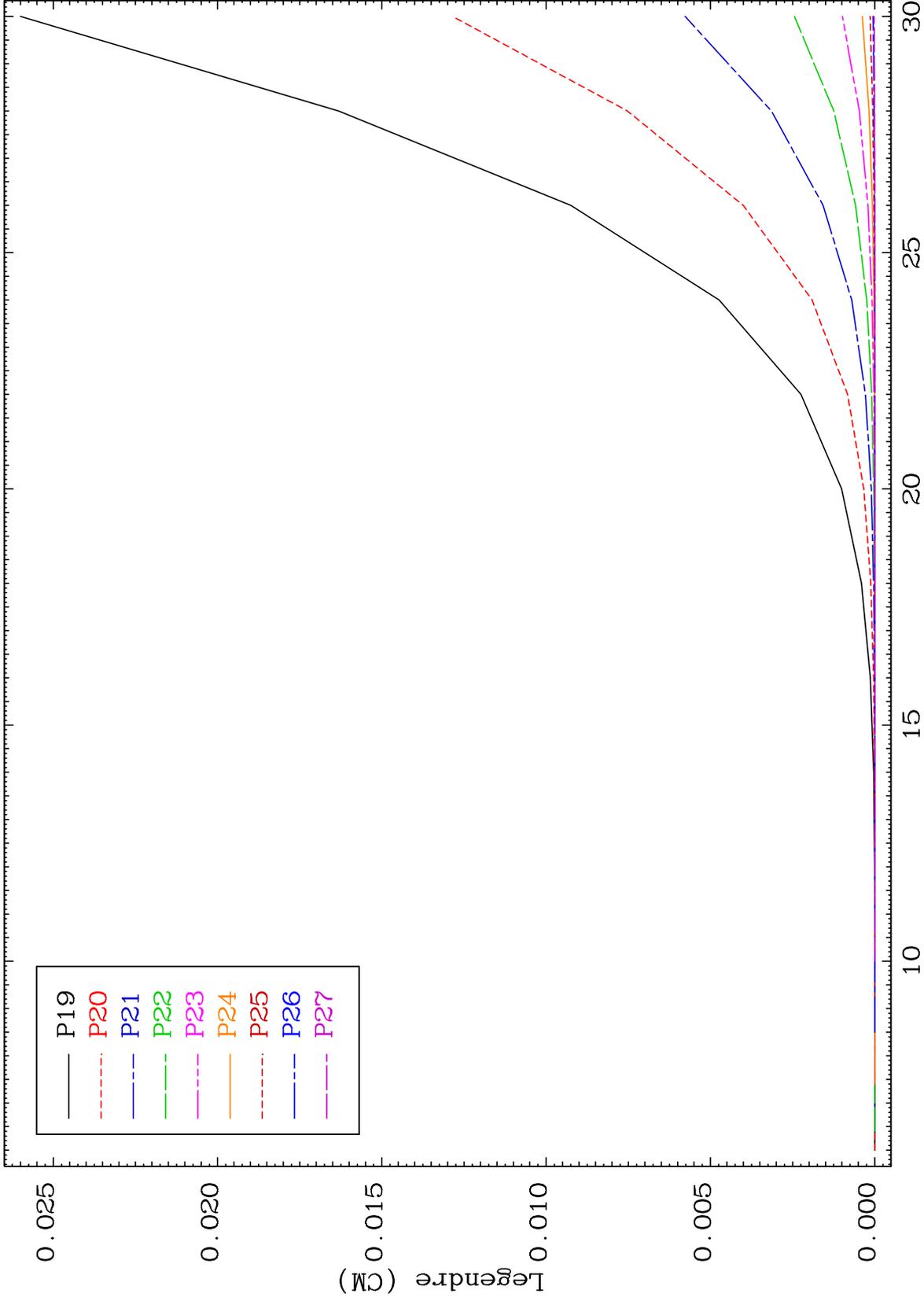
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic Legendre Coefficients

⁷⁷Ir-178



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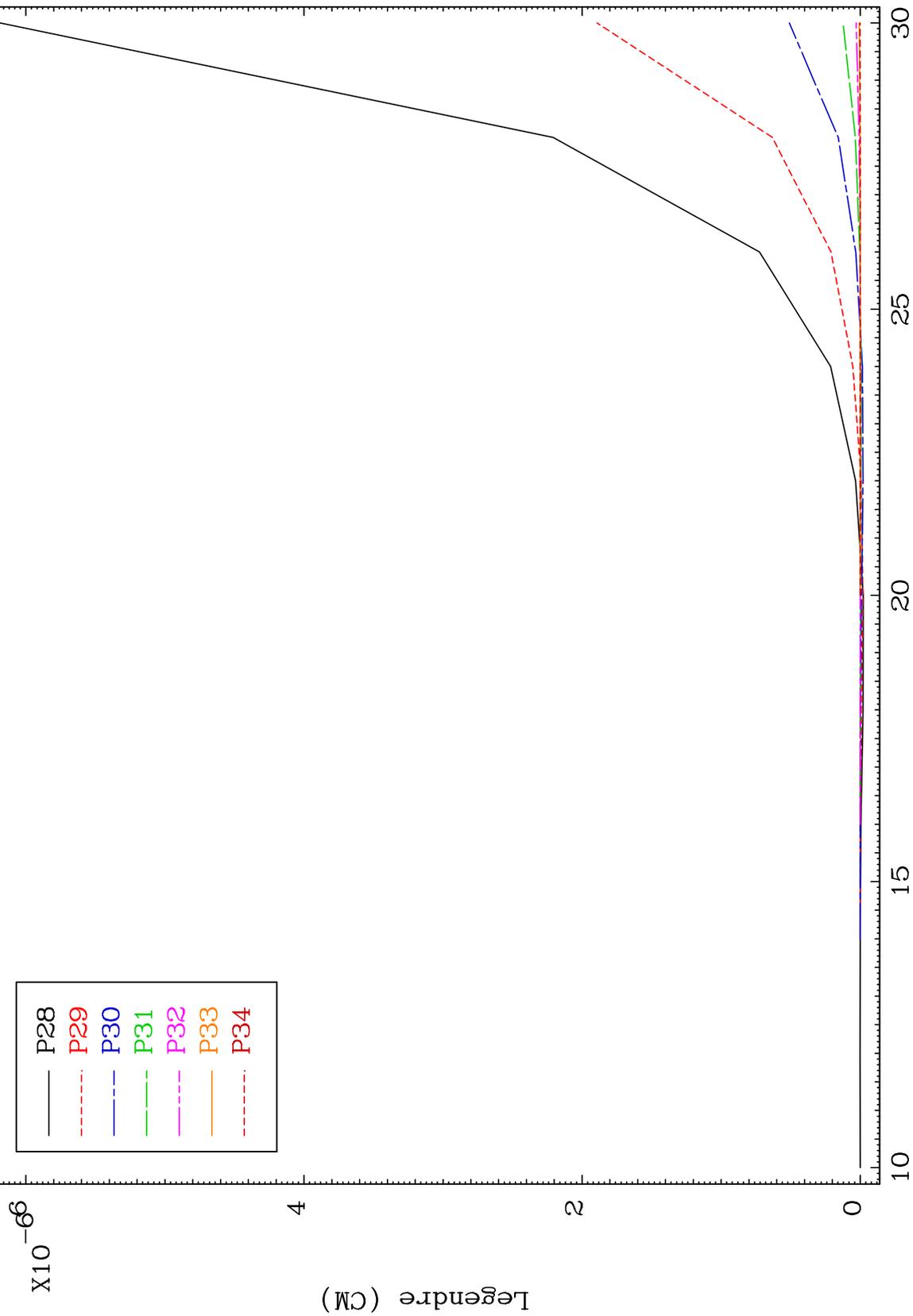
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

Elastic
Legendre Coefficients

⁷⁷Ir-178



19

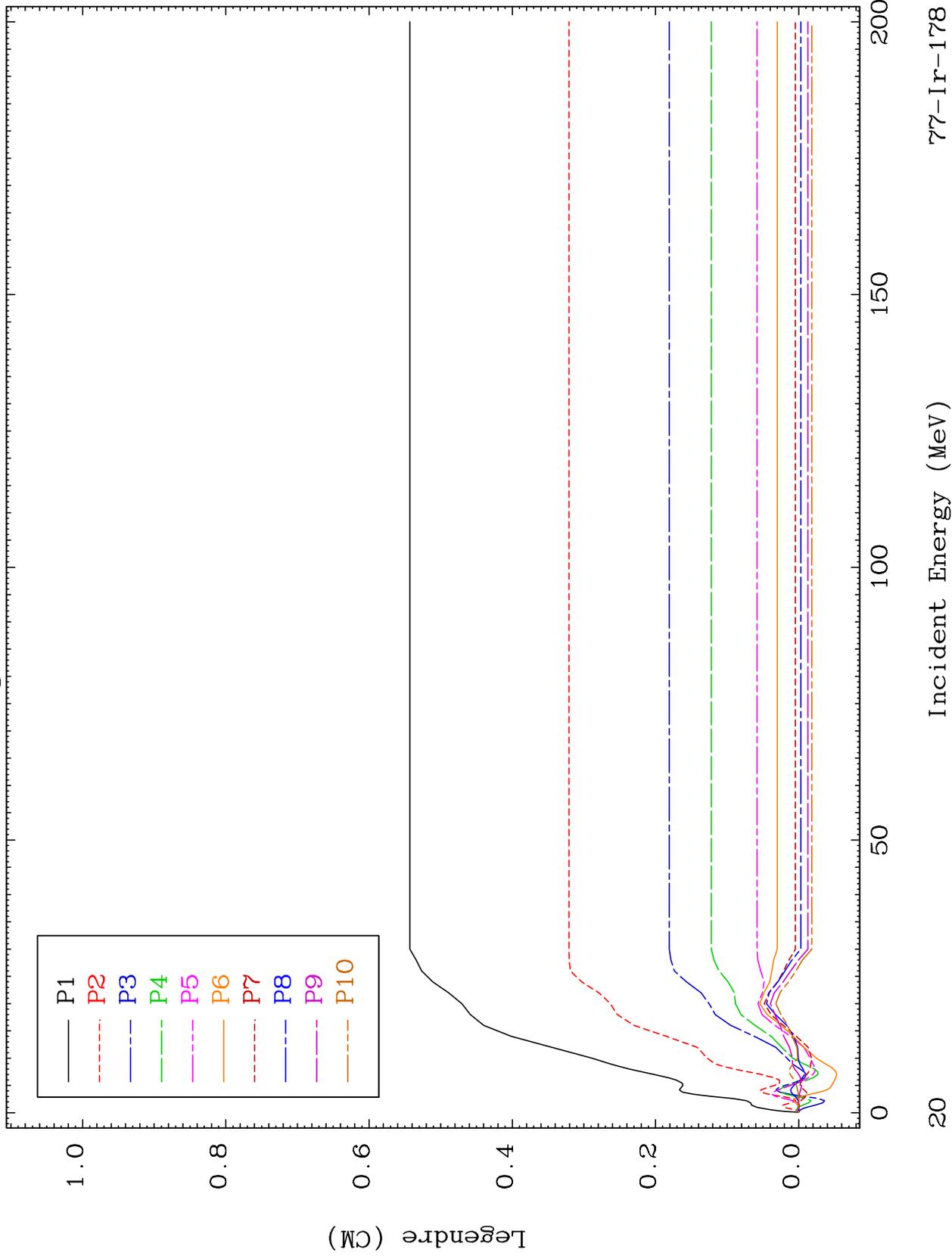
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

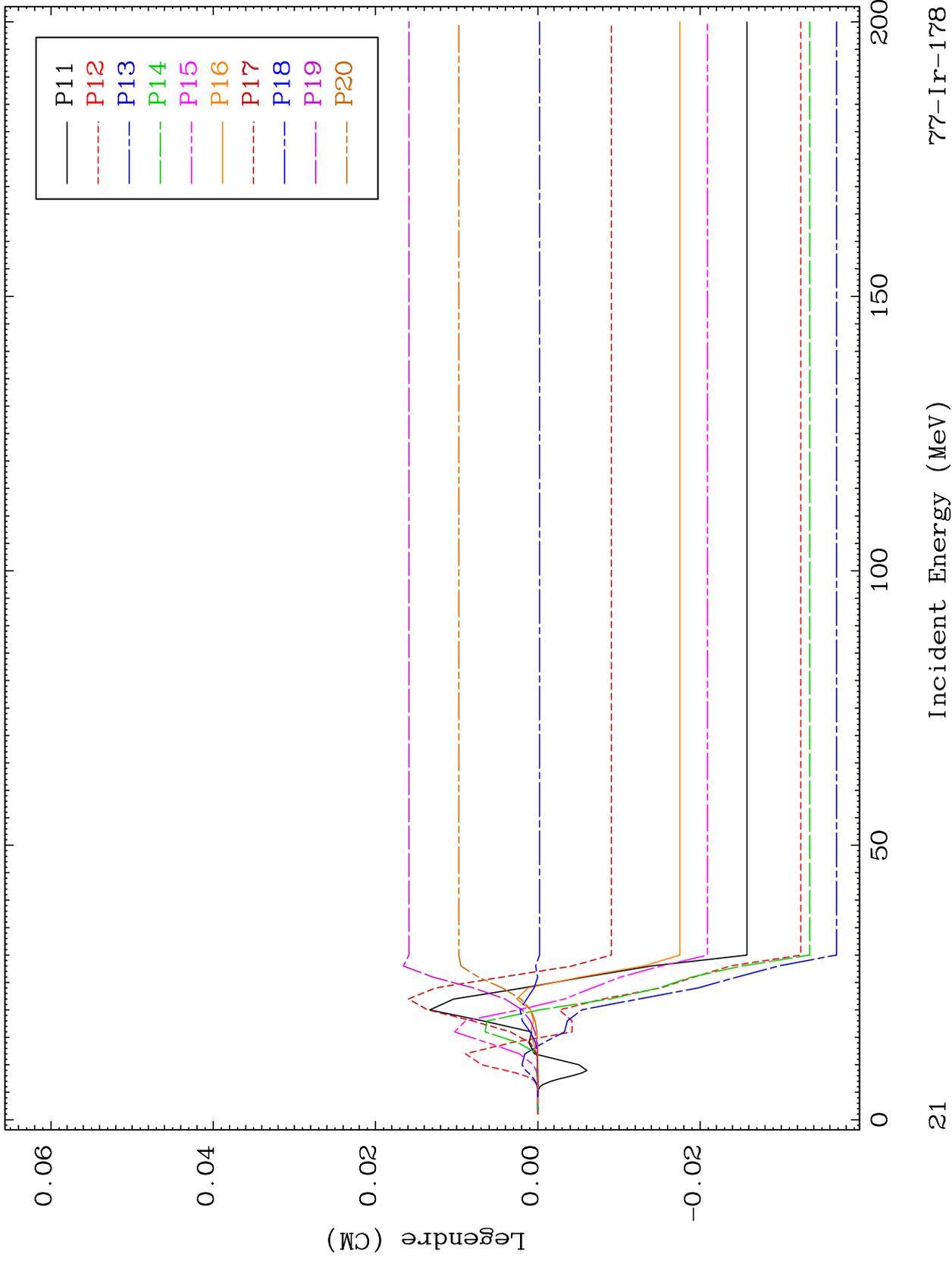
Incident Energy (MeV)

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MAT 7686

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

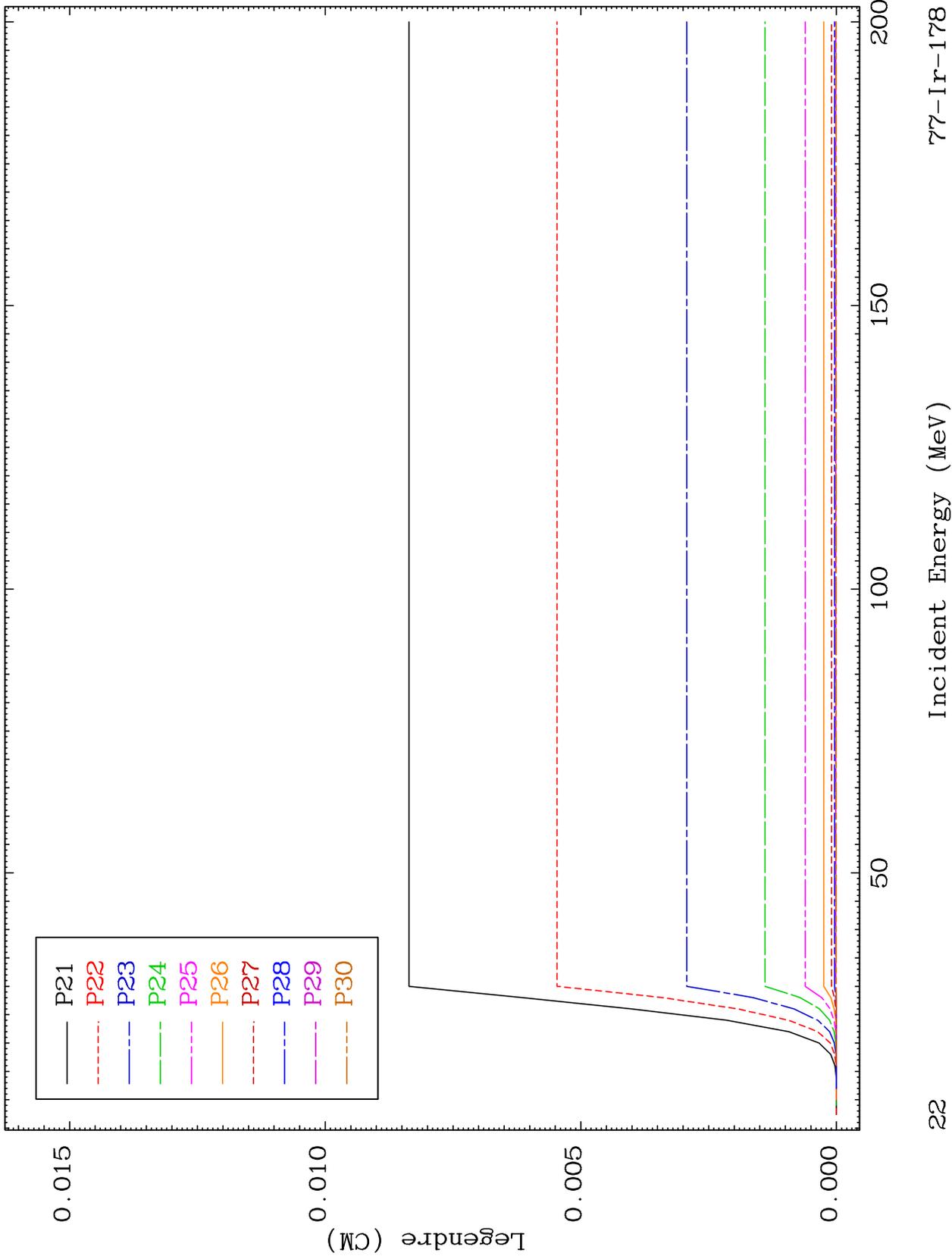
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21

Incident Energy (MeV)

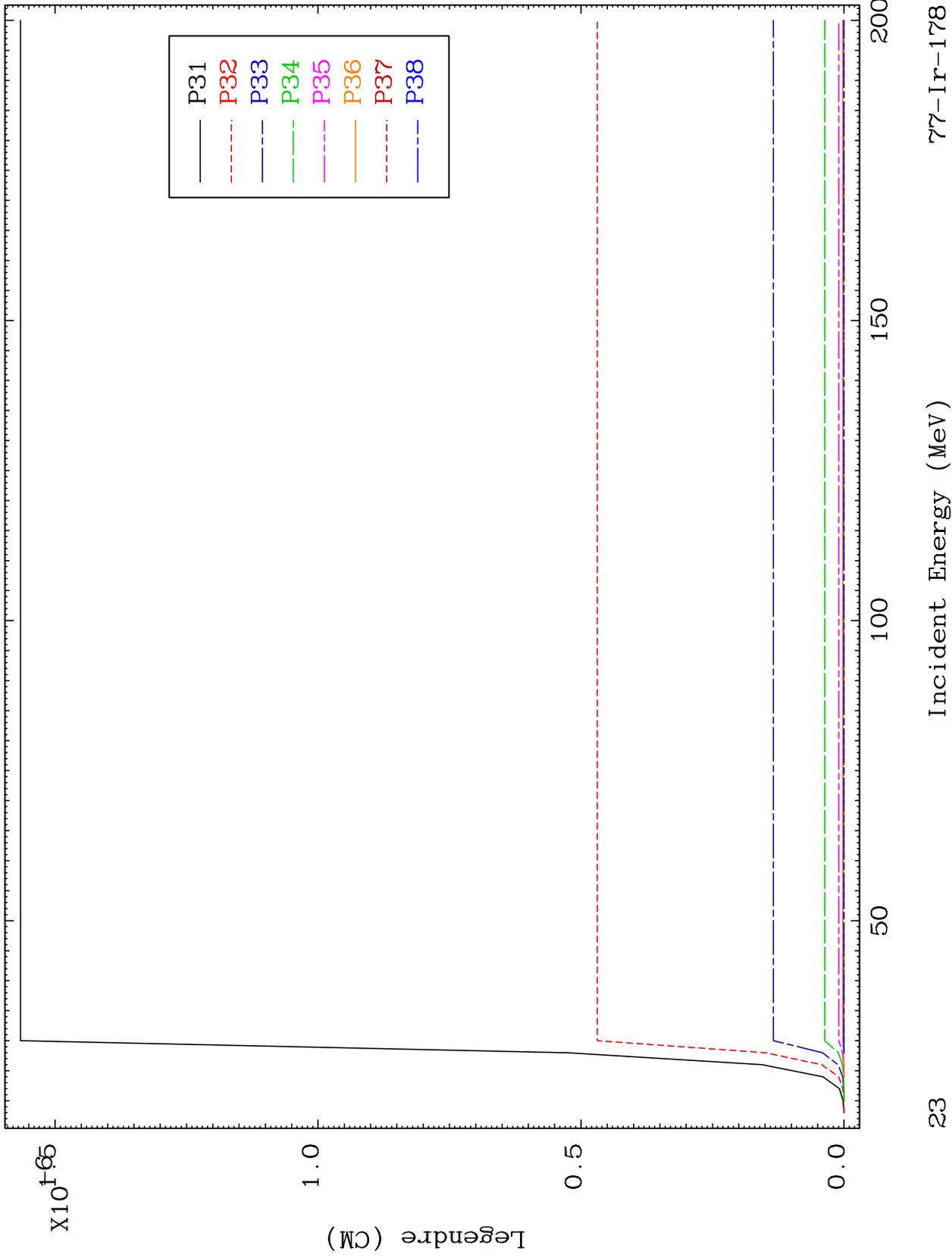
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MAT 7686

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

77-Ir-178



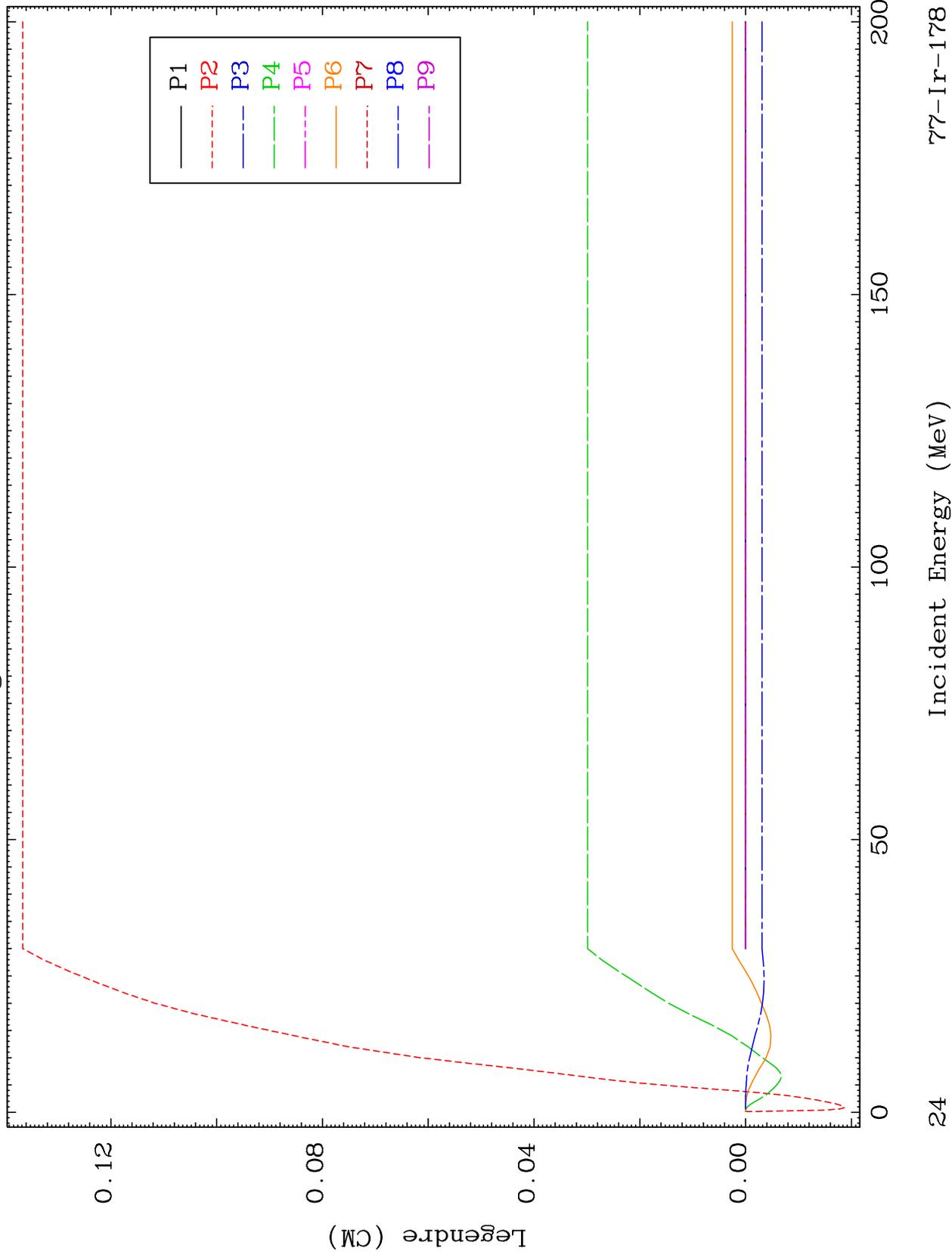
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77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

Incident Energy (MeV)

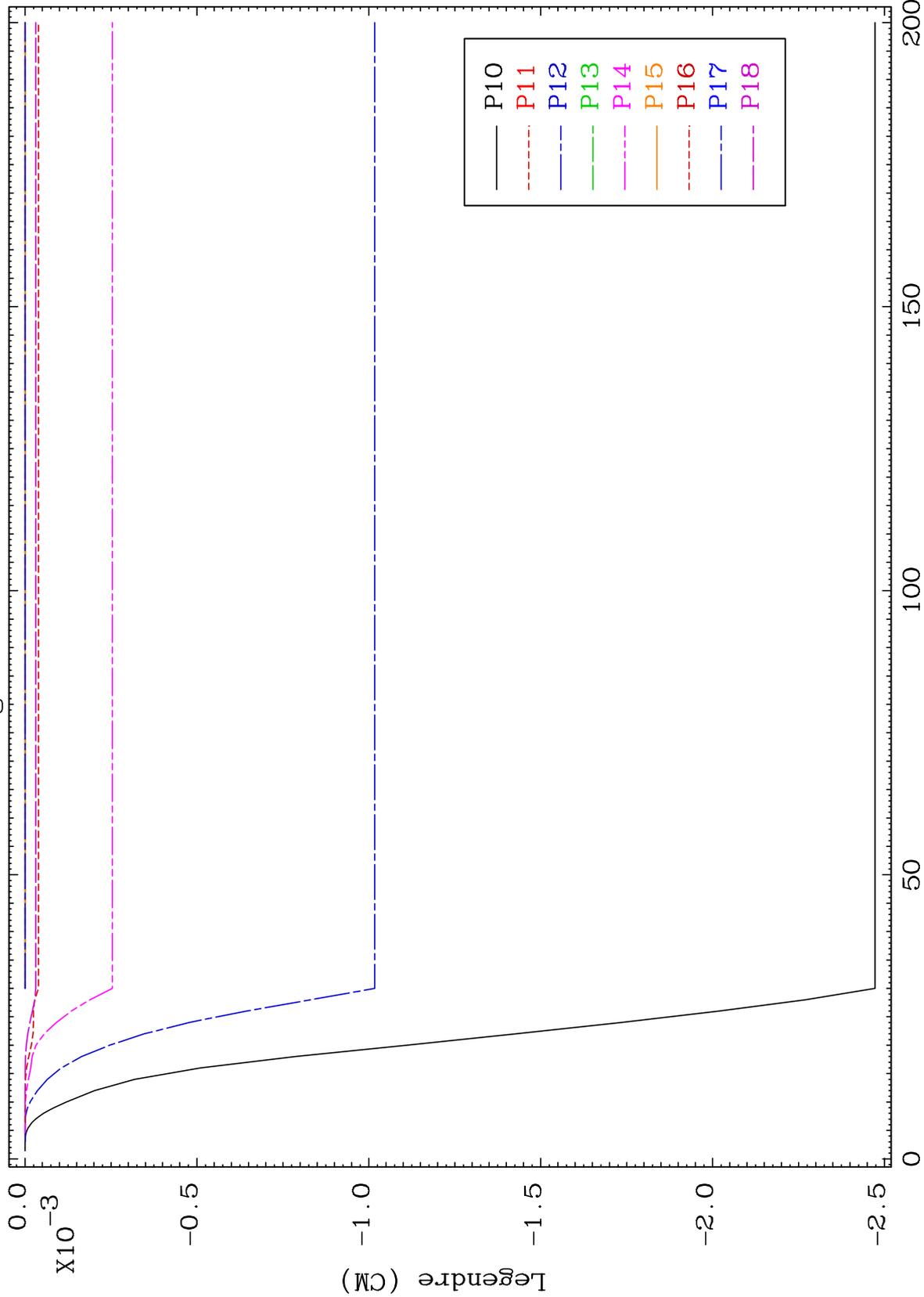
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MAT 7686

MT= 52 (n,n') Level

77-Ir-178

Legendre Coefficients



25

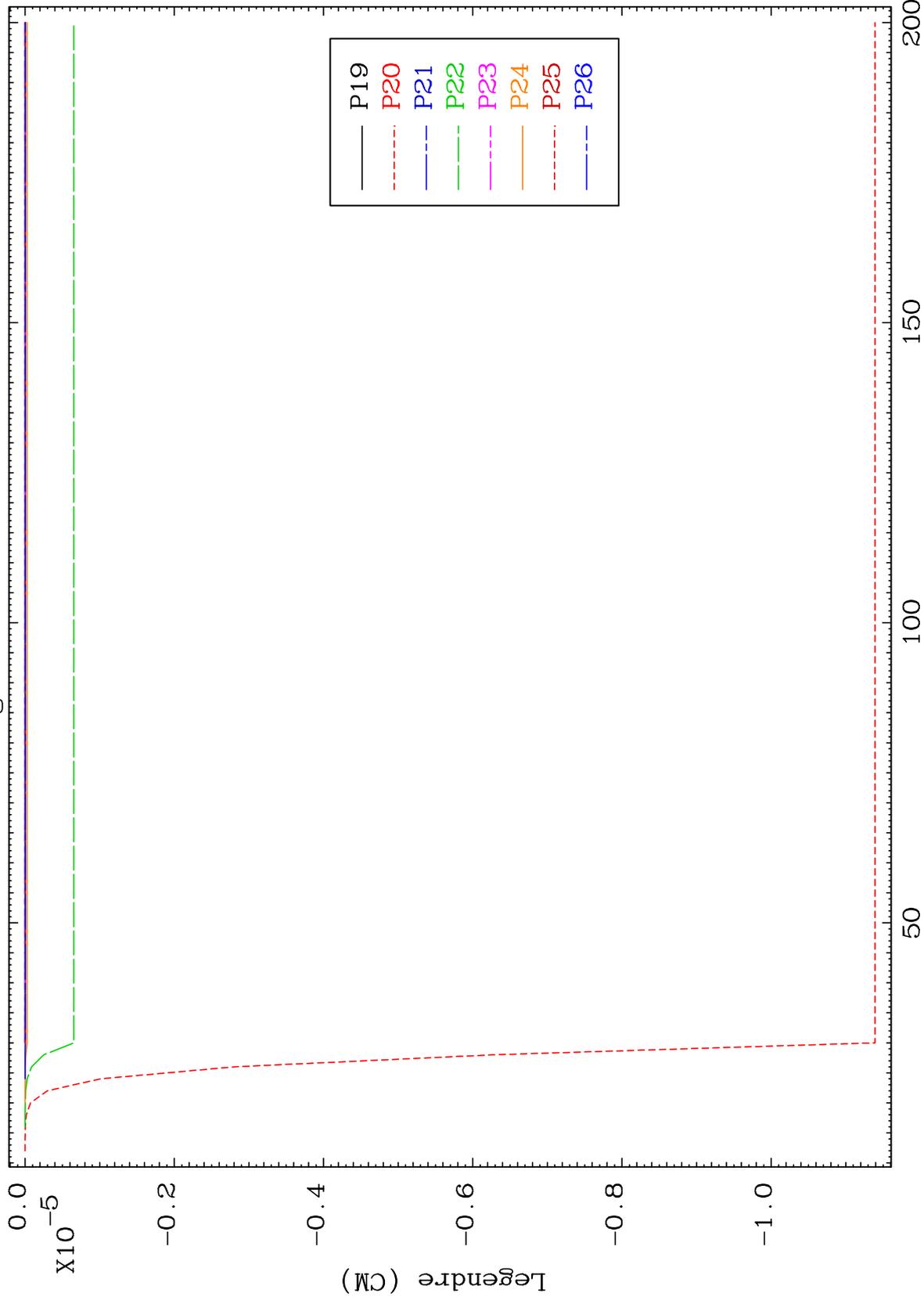
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



26

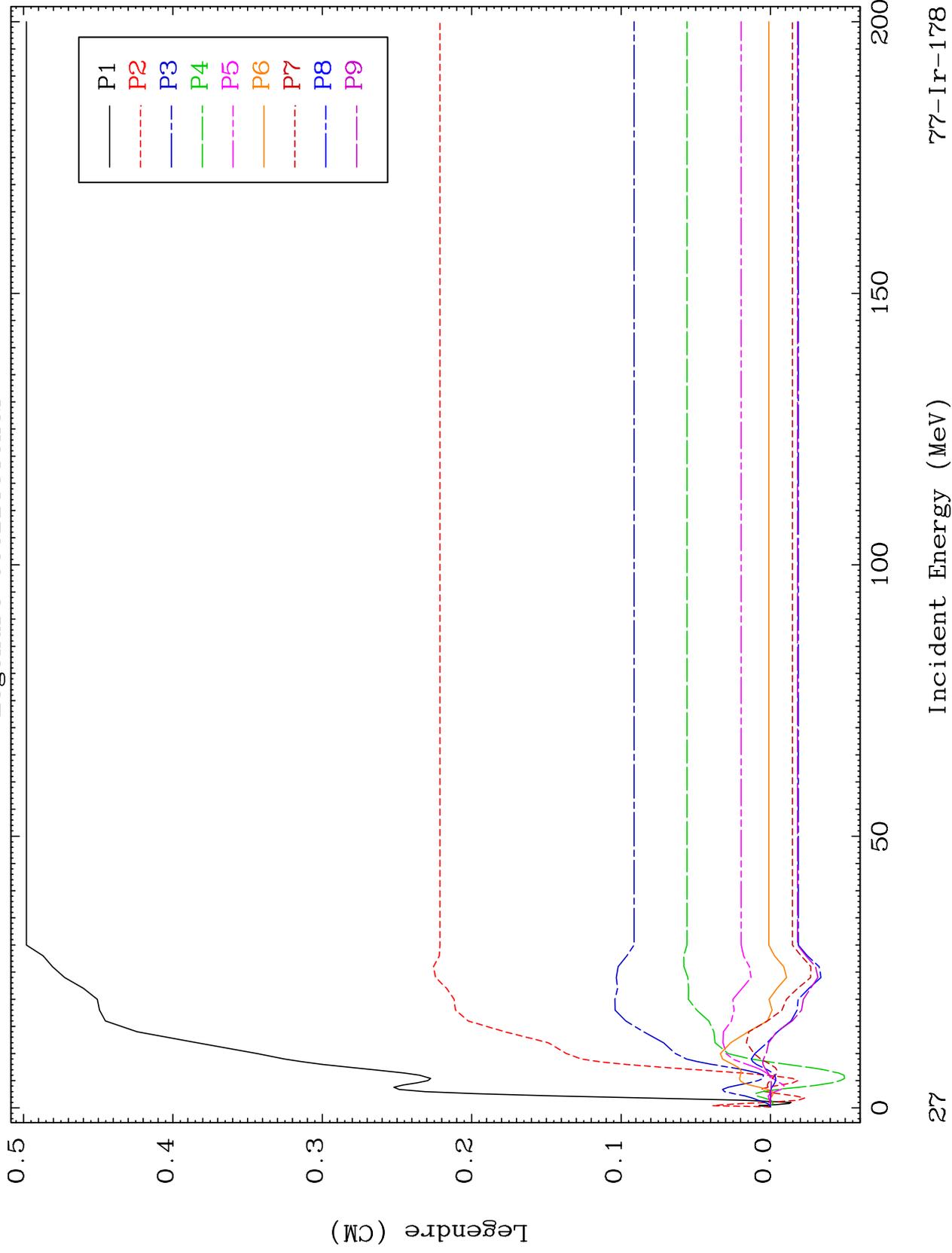
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

⁷⁷Ir-178



⁷⁷Ir-178

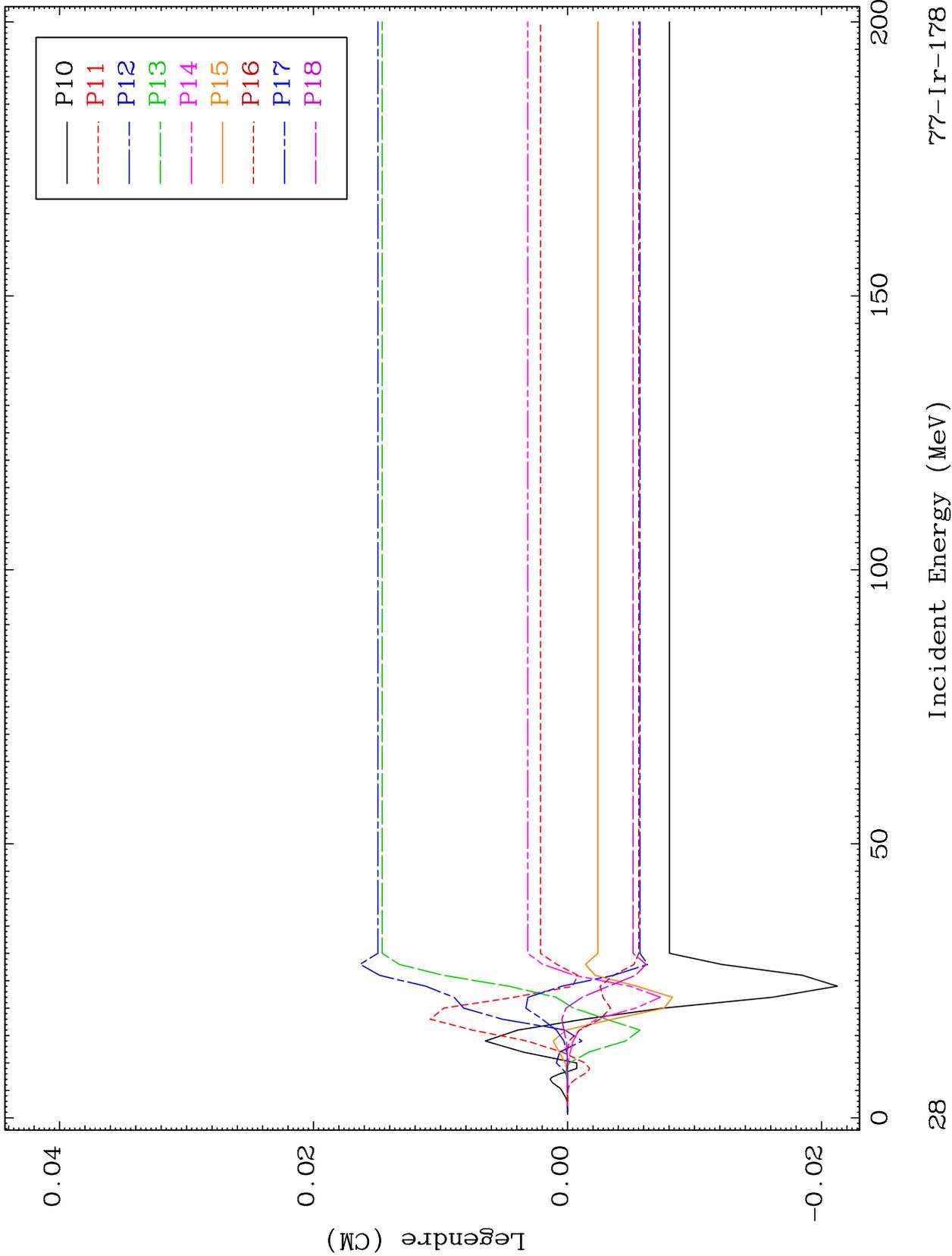
Incident Energy (MeV)

27

MAT 7686

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

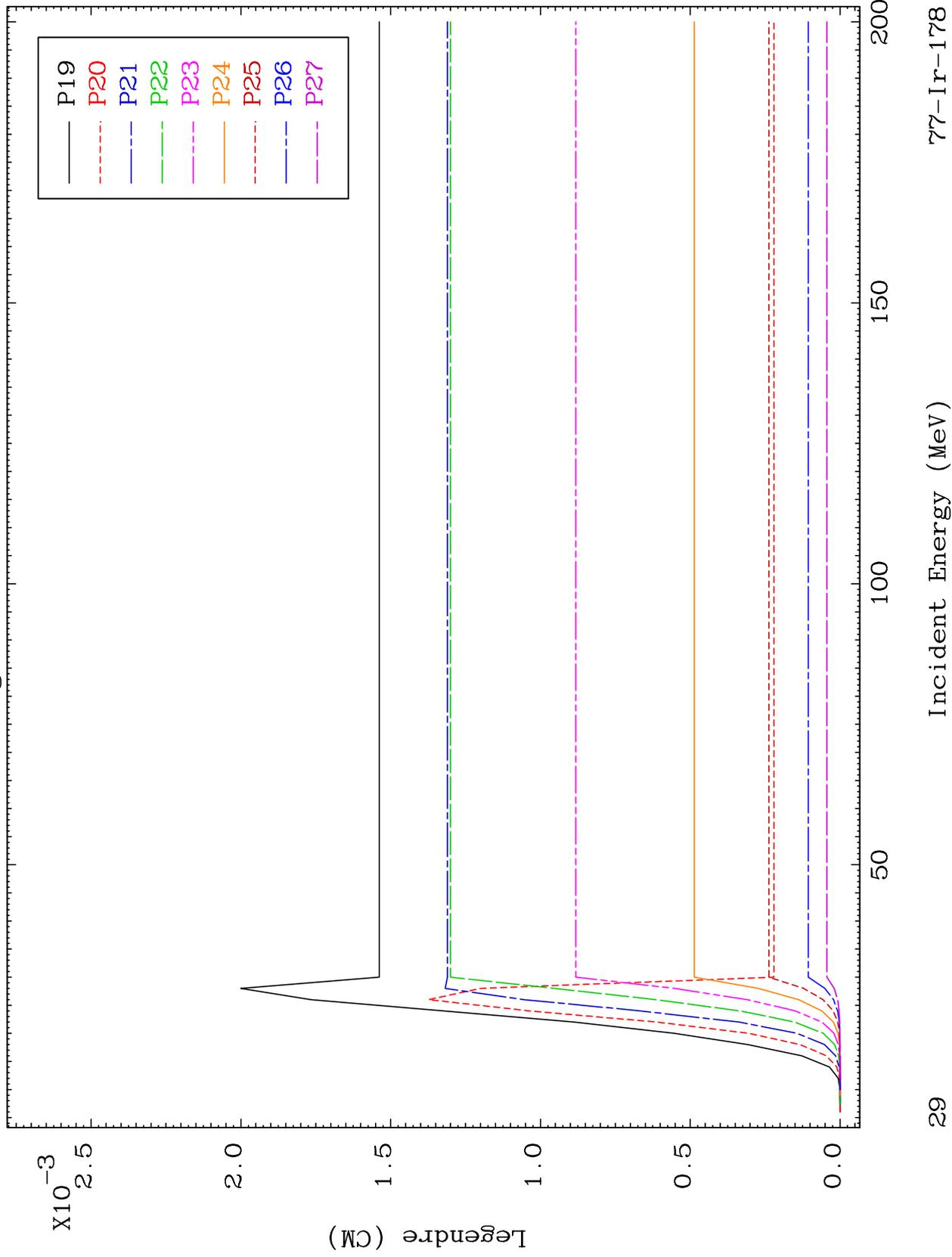
77-Ir-178



77-Ir-178

Incident Energy (MeV)

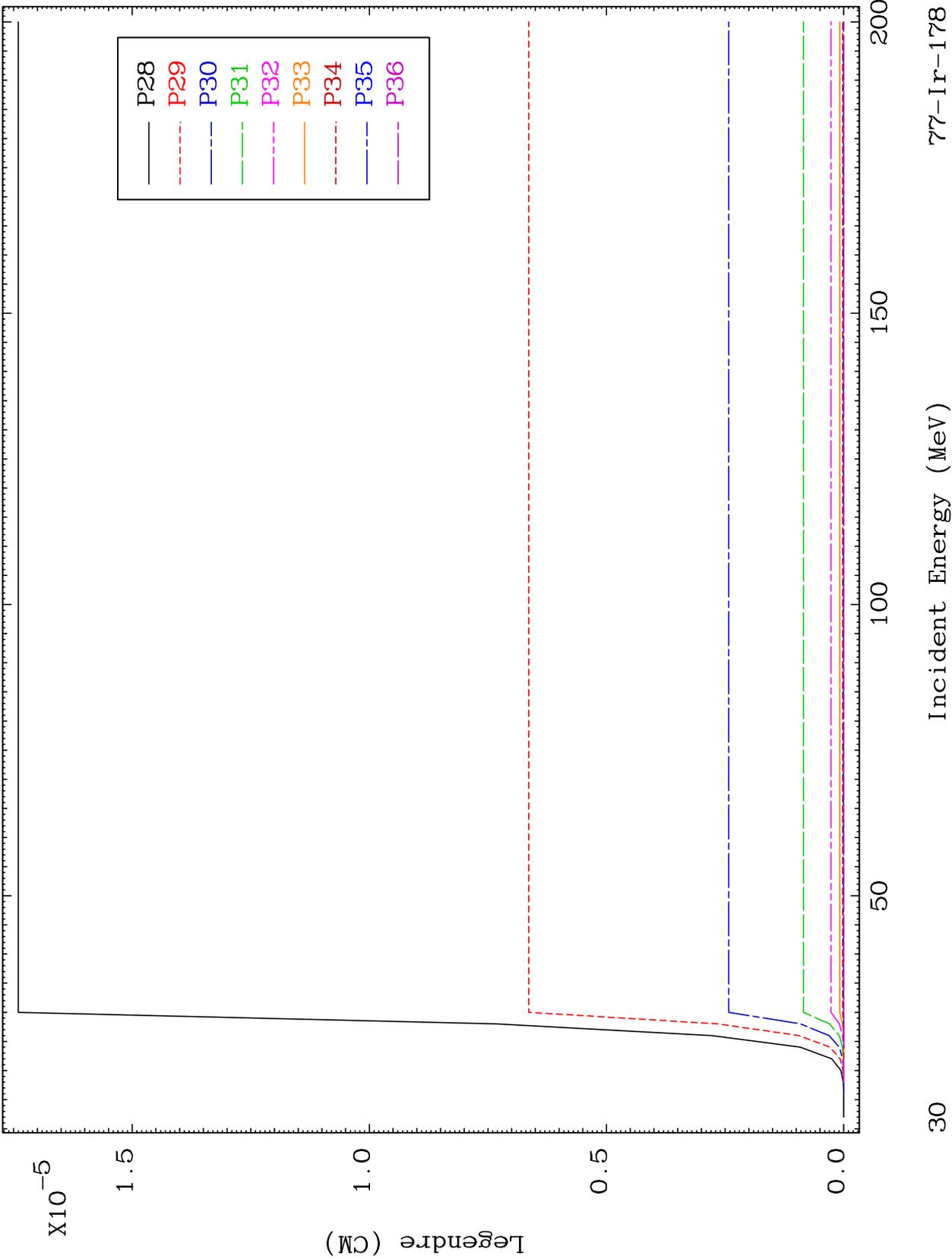
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MAT 7686

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

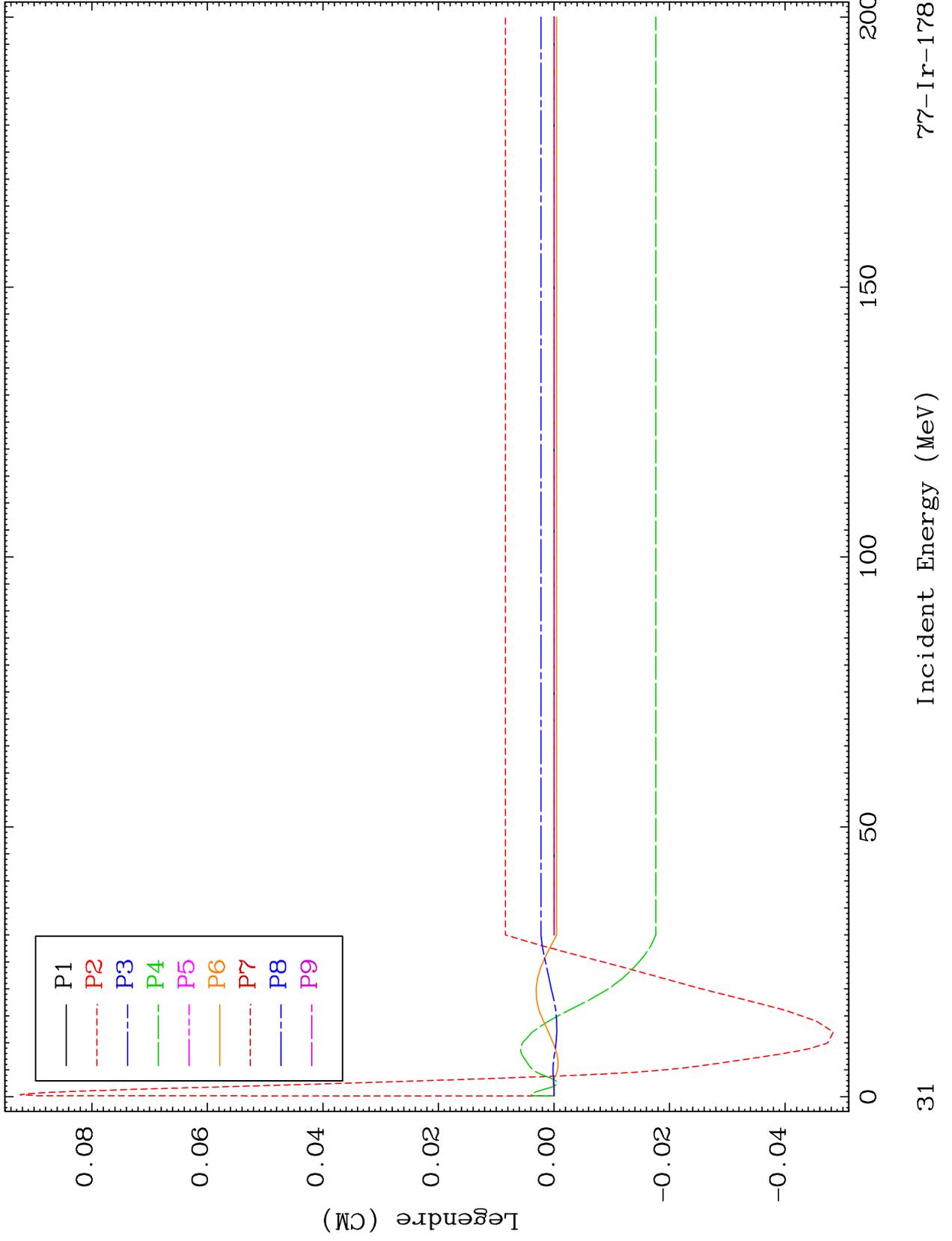
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MAT 7686

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

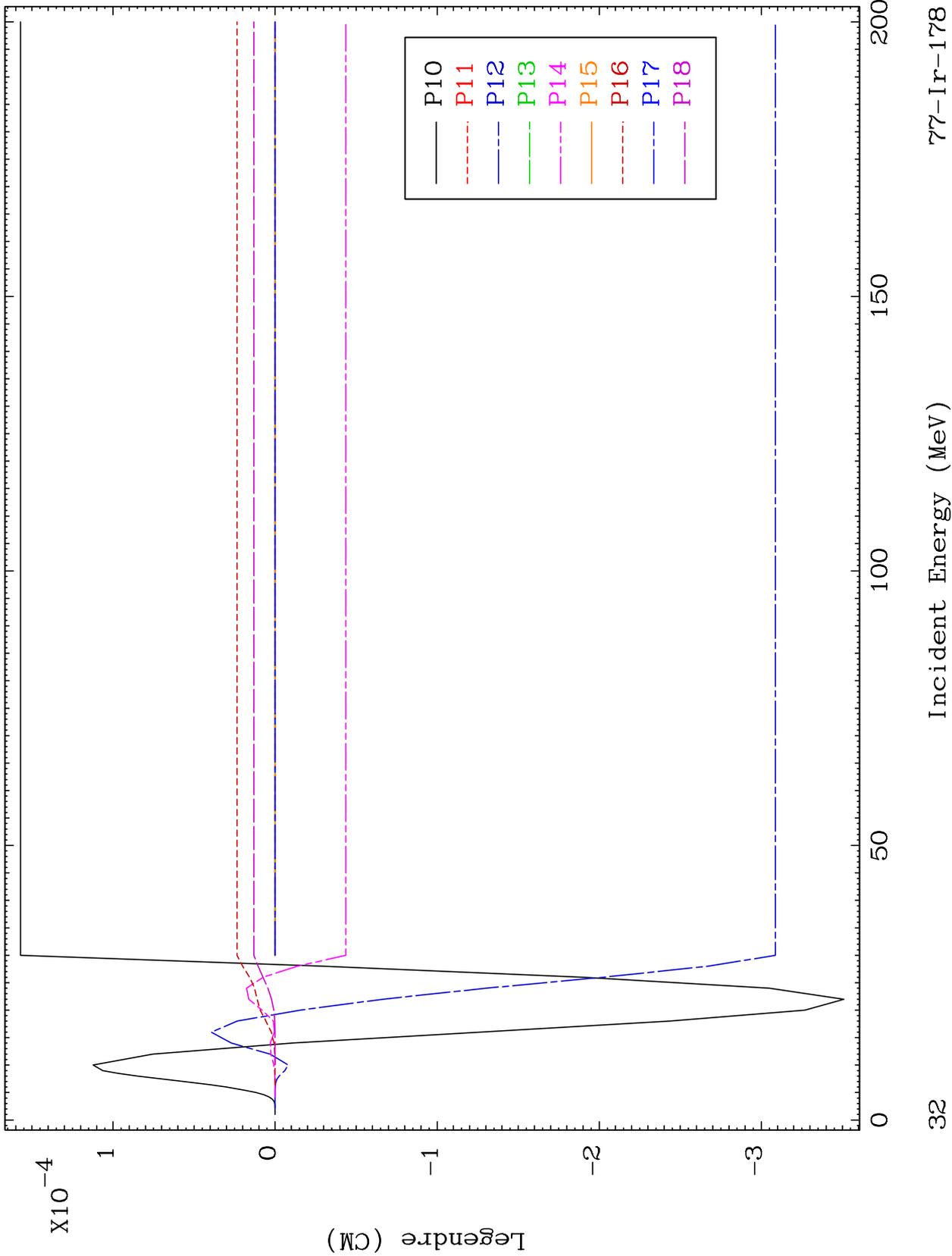
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MAT 7686

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

77-Ir-178



77-Ir-178

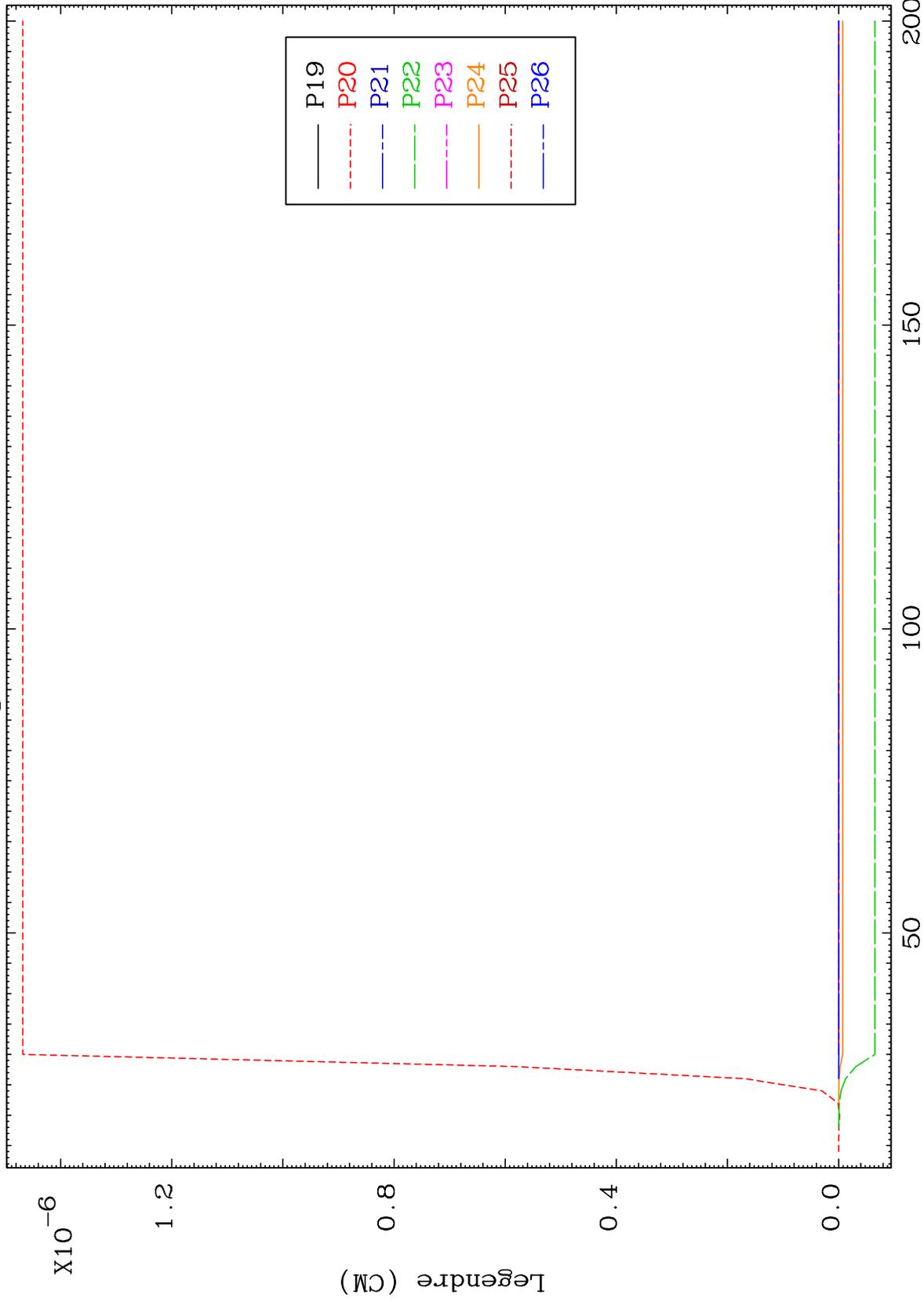
Incident Energy (MeV)

32

MAT 7686

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

77-Ir-178



33

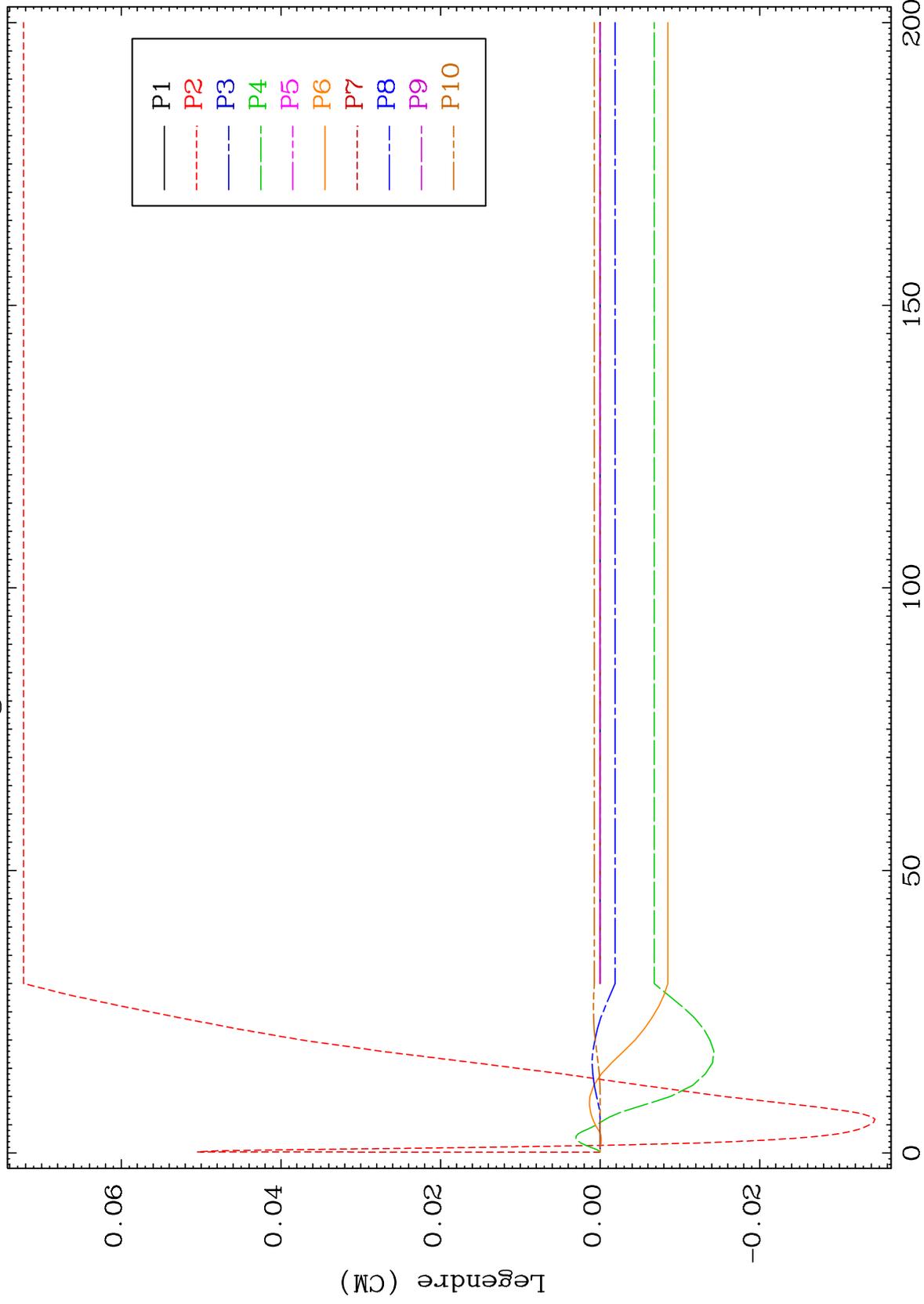
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



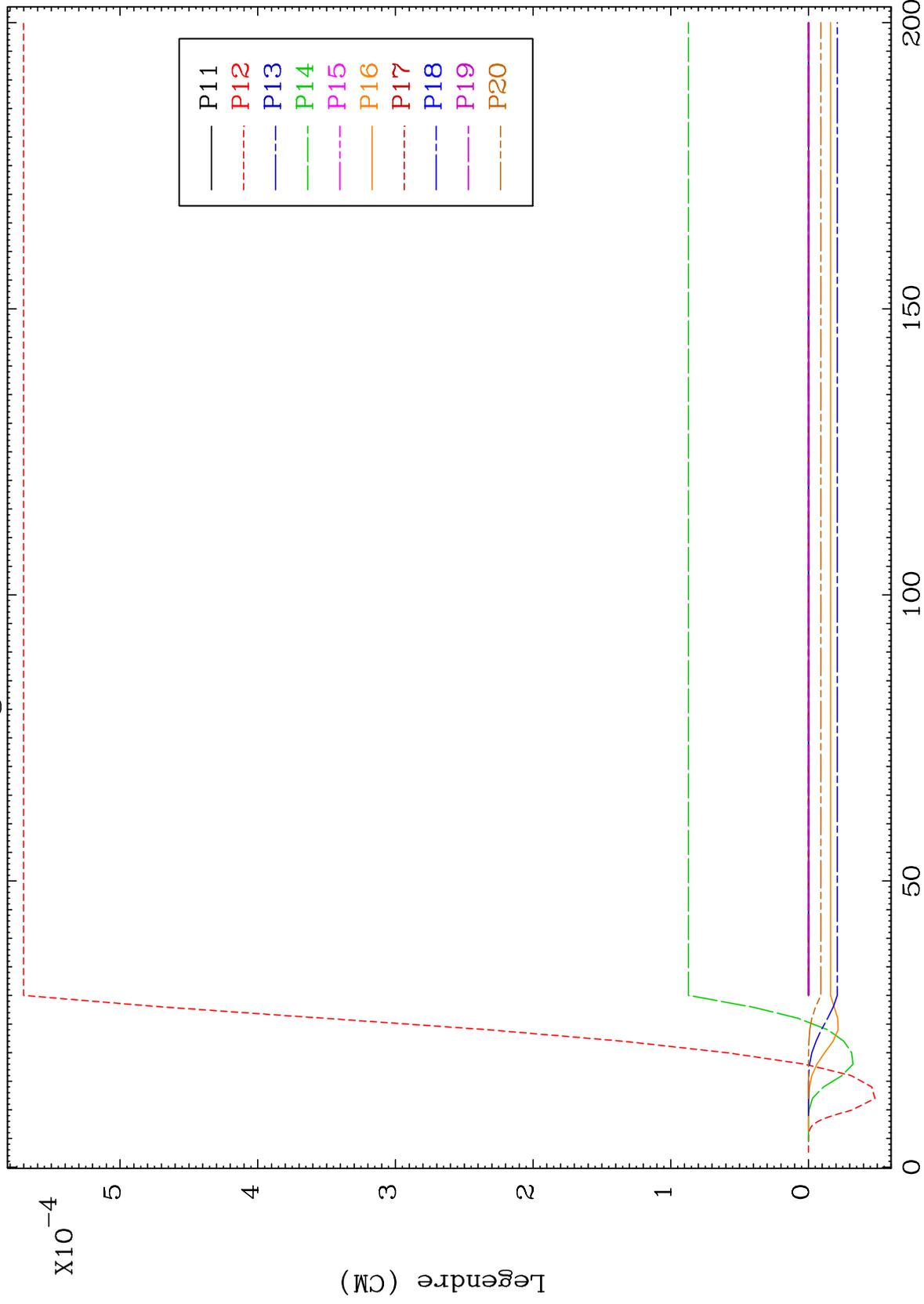
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MAT 7686

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

77-Ir-178



35

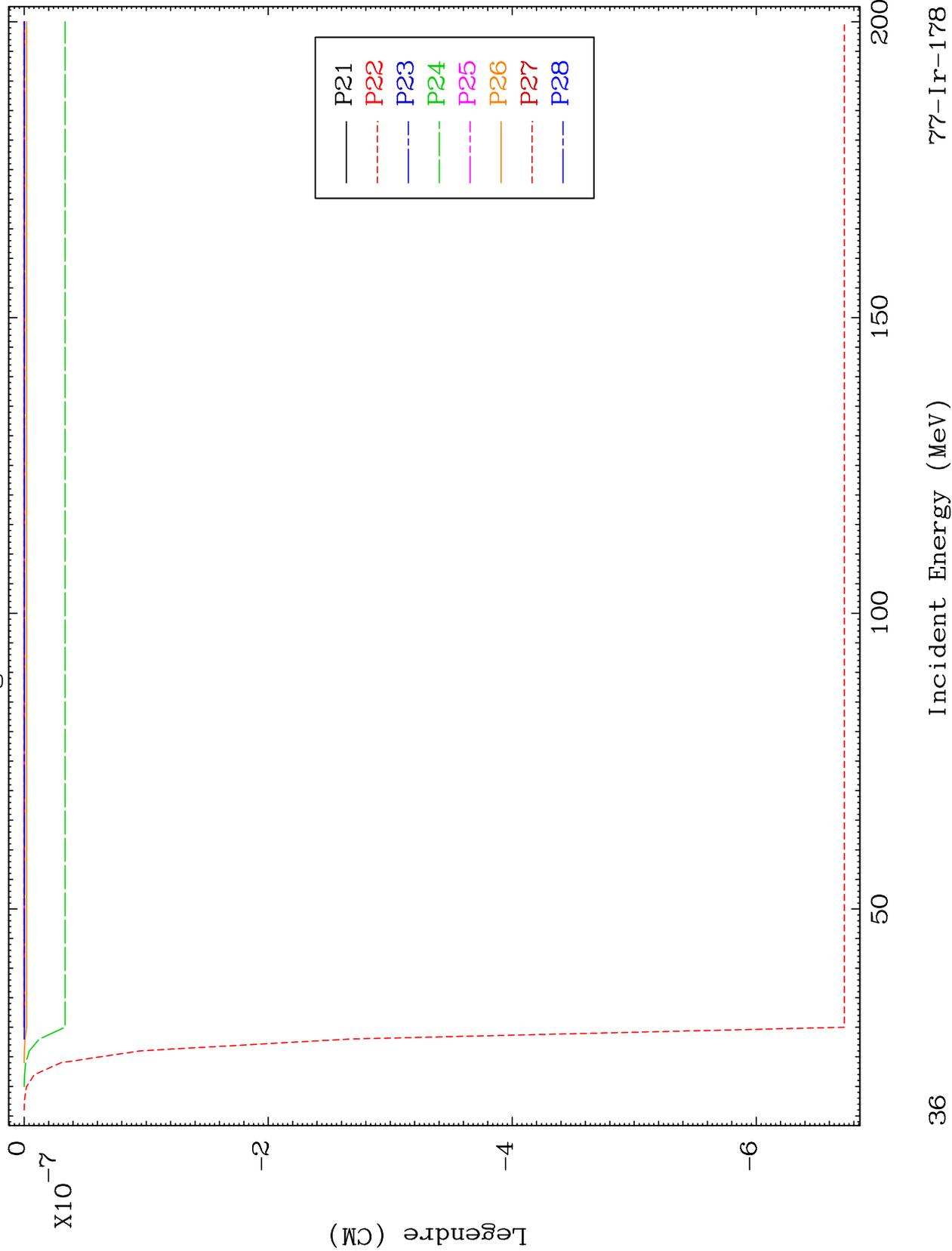
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



36

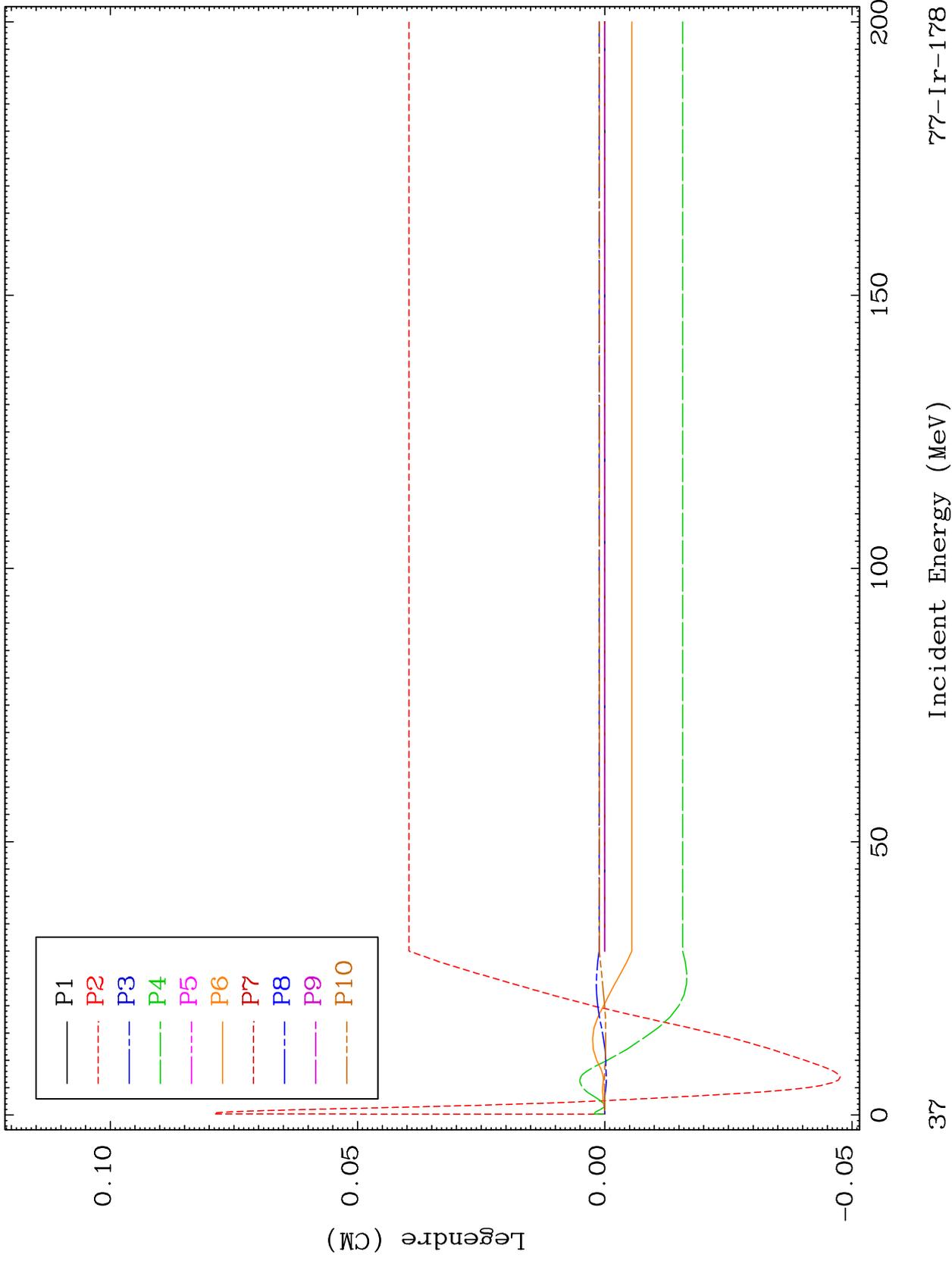
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



37

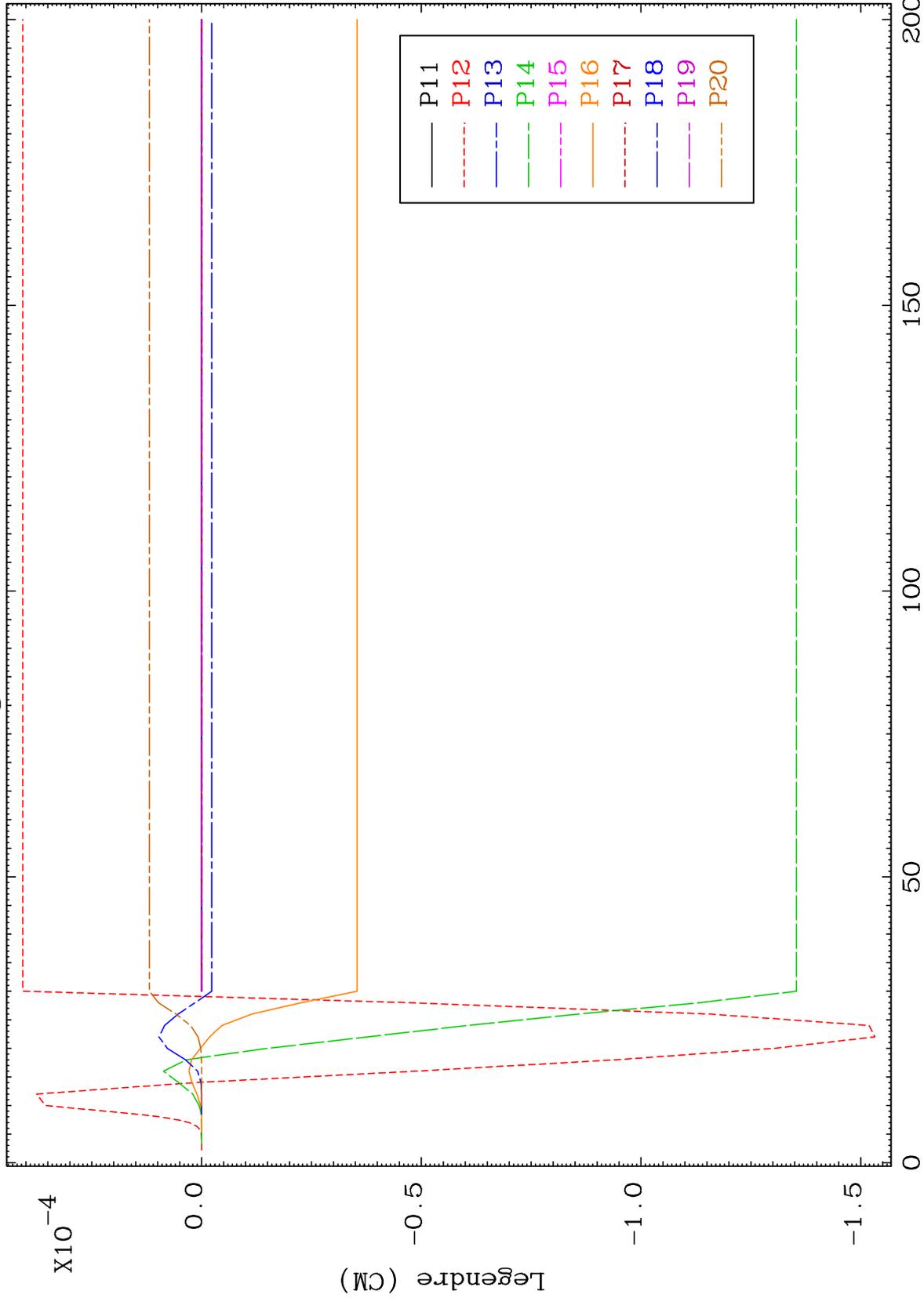
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



38

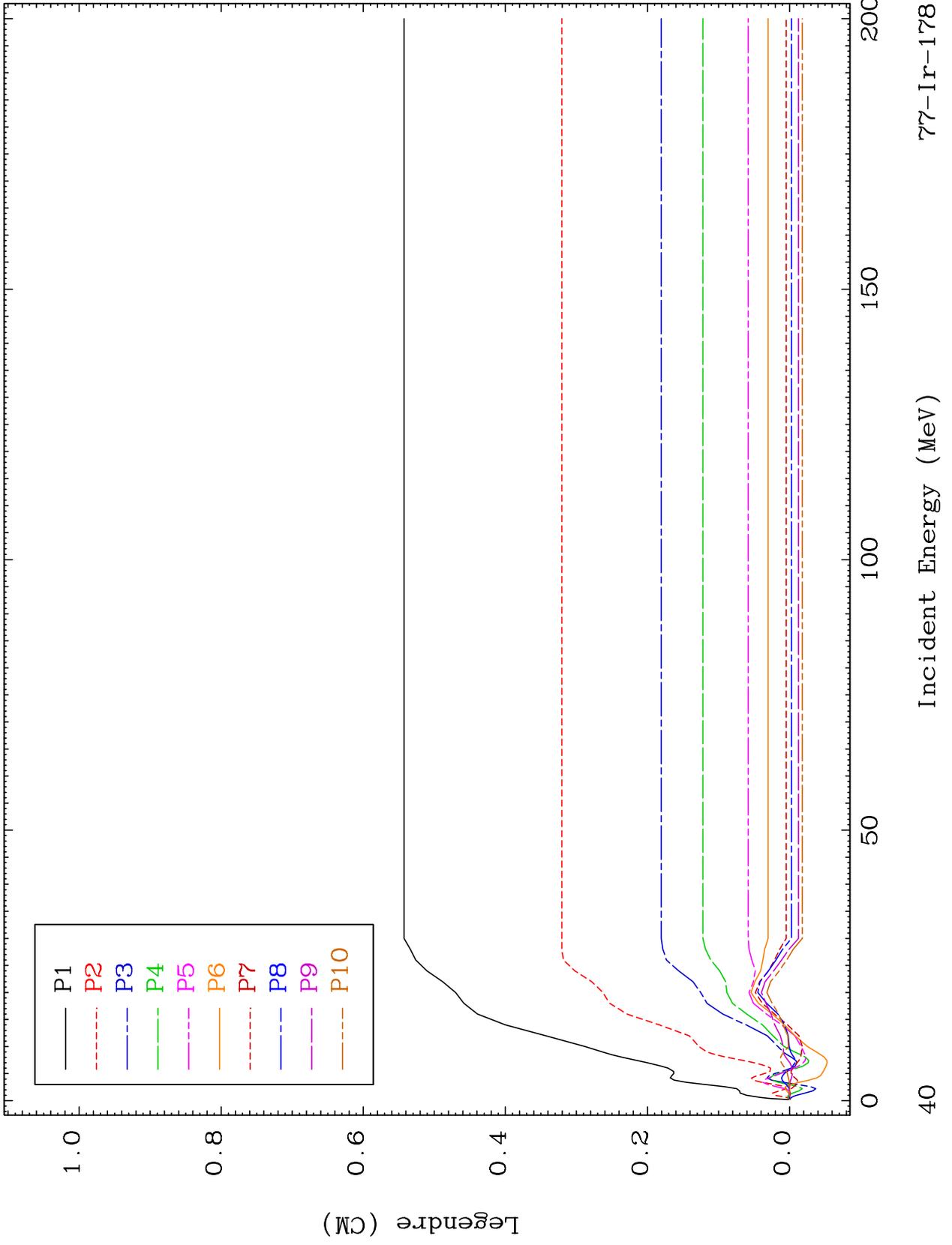
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178

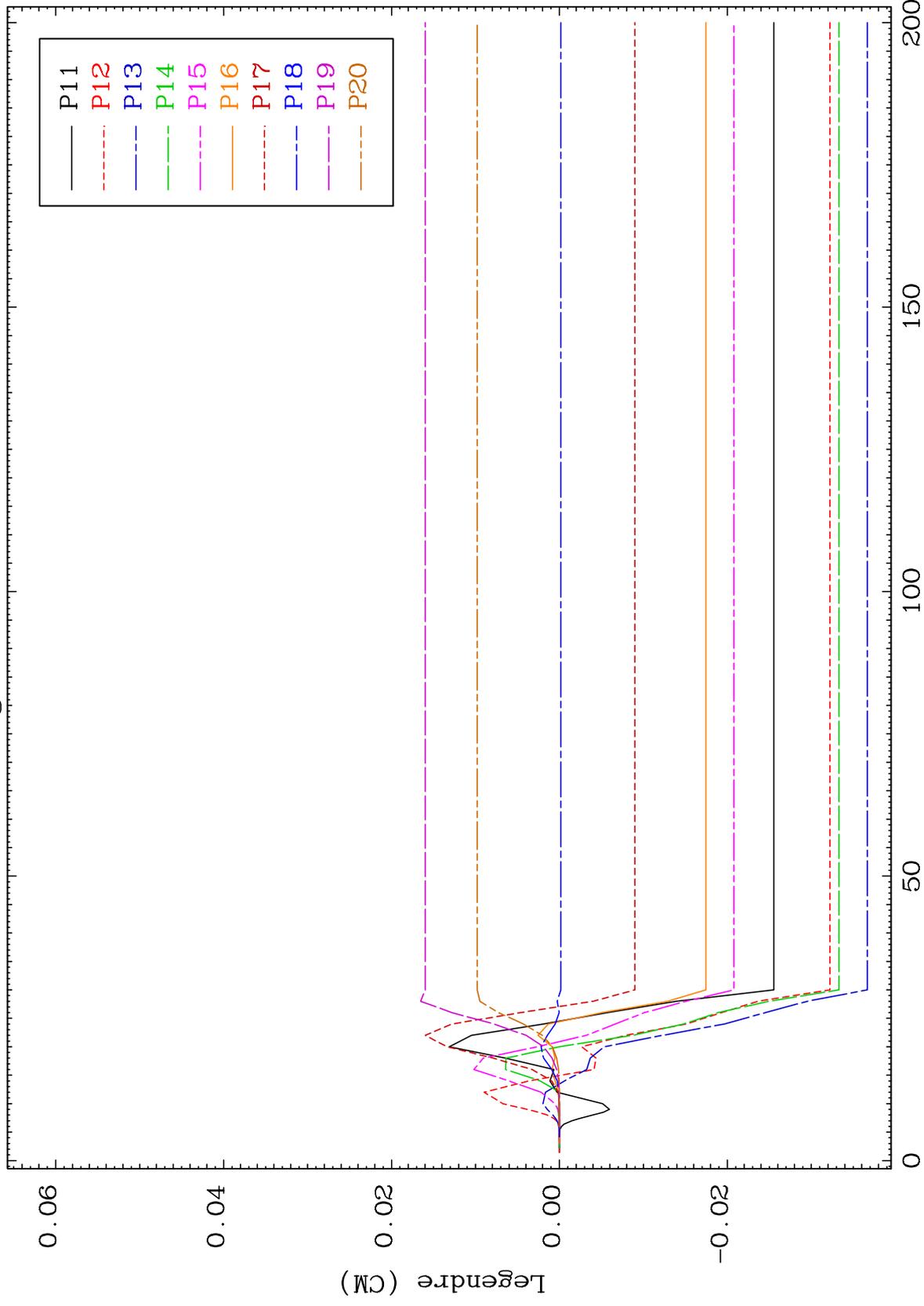


77-Ir-178

MAT 7686

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

77-Ir-178



41

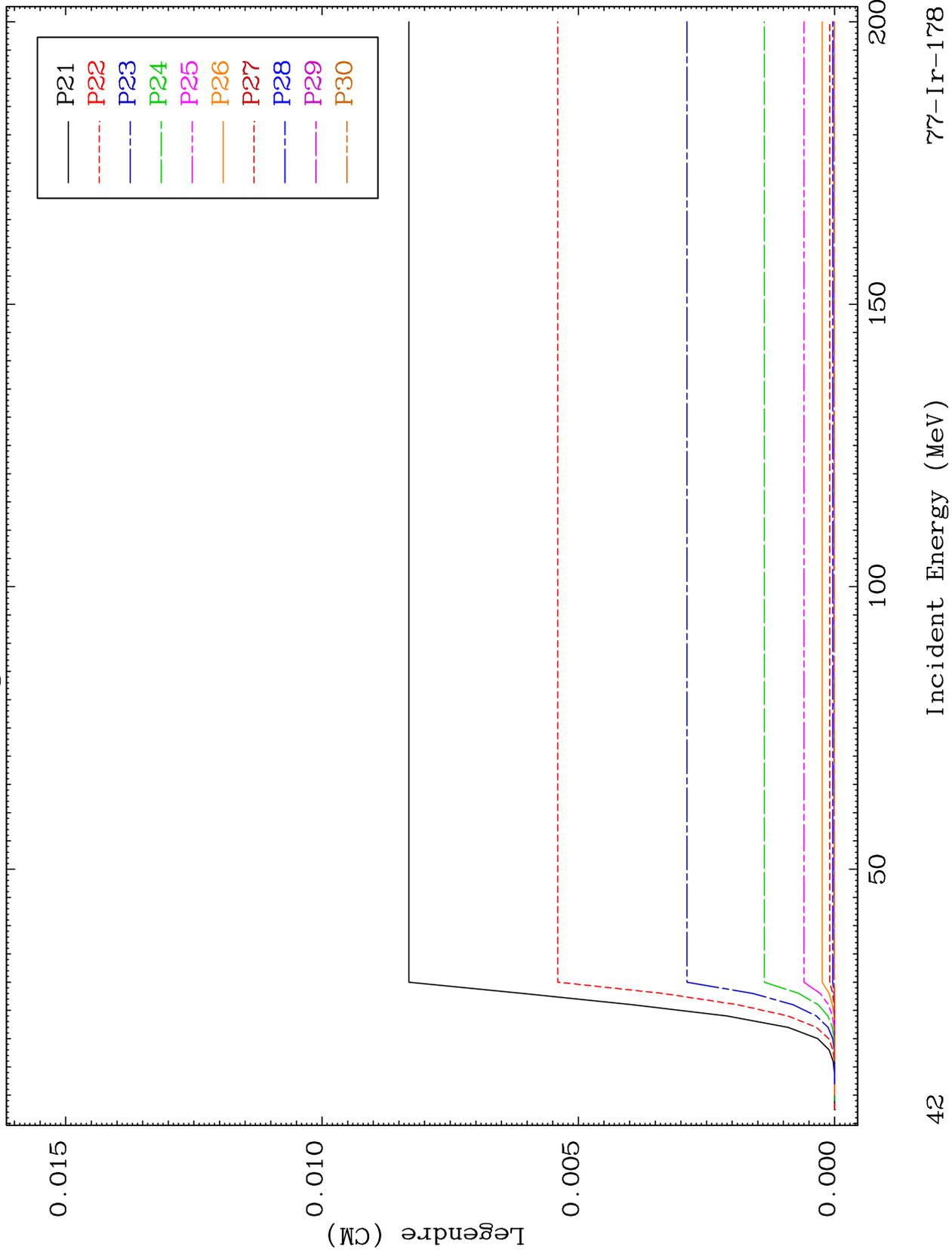
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



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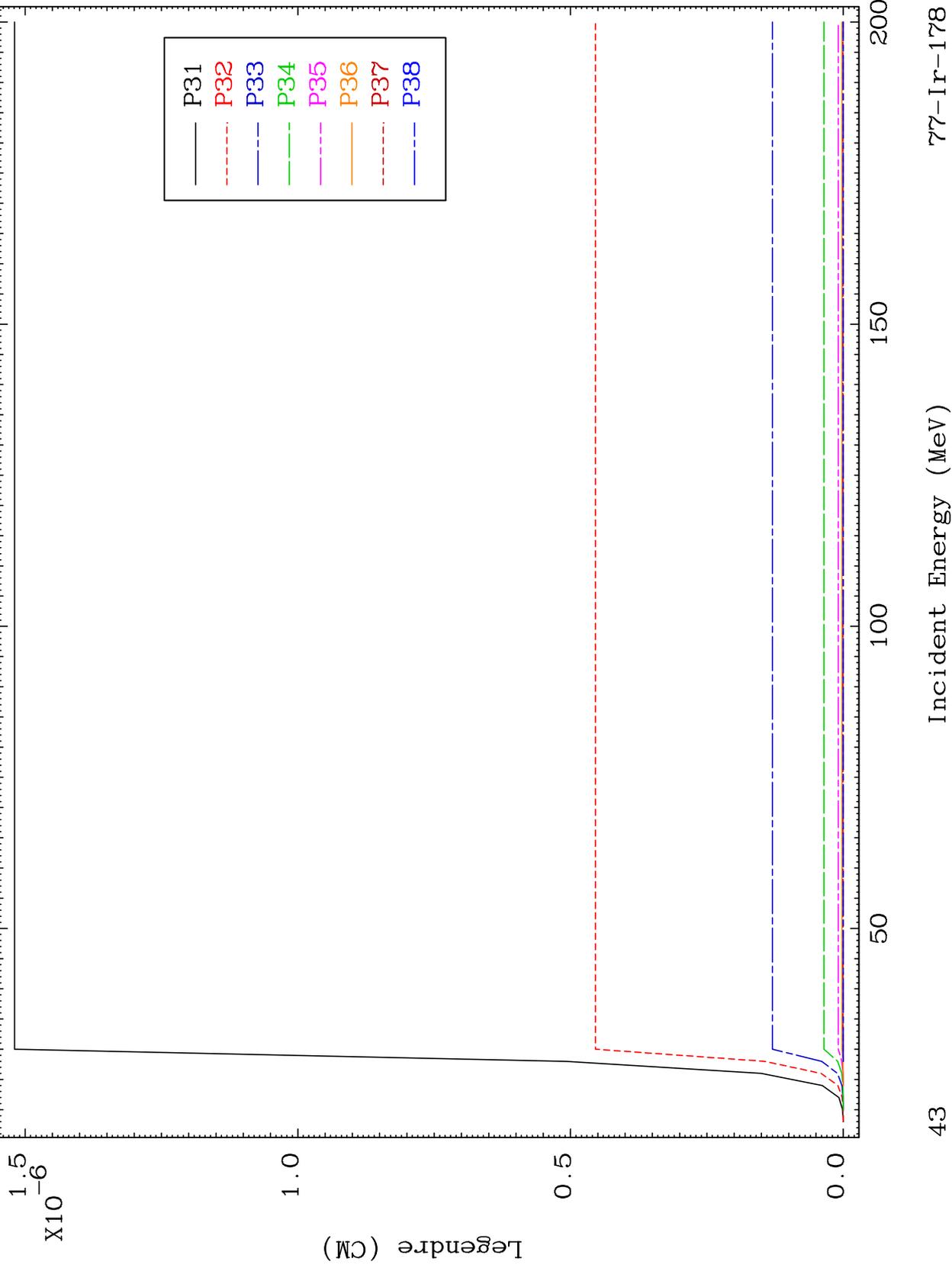
Incident Energy (MeV)

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MAT 7686

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

77-Ir-178



77-Ir-178

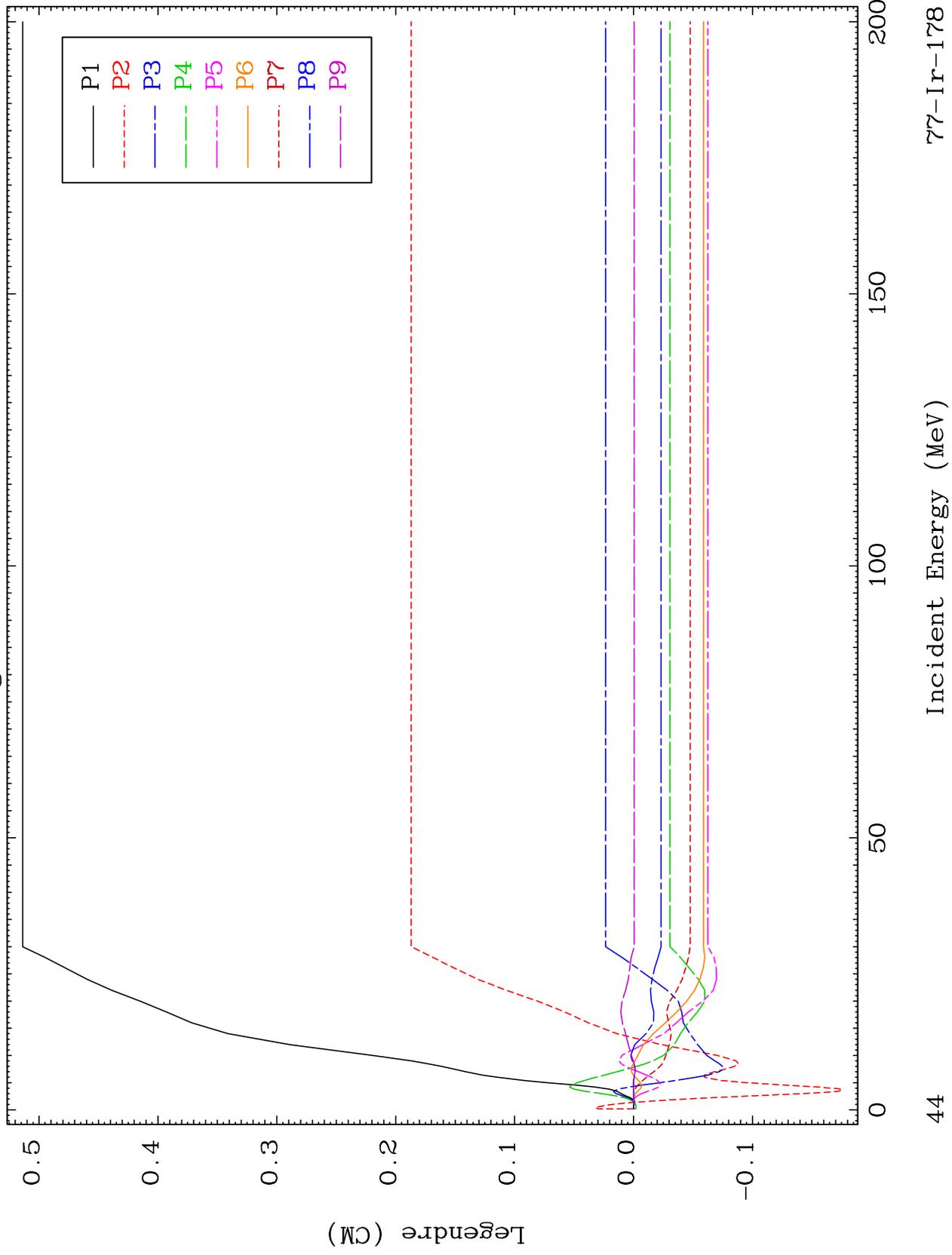
Incident Energy (MeV)

43

MAT 7686

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

77-Ir-178

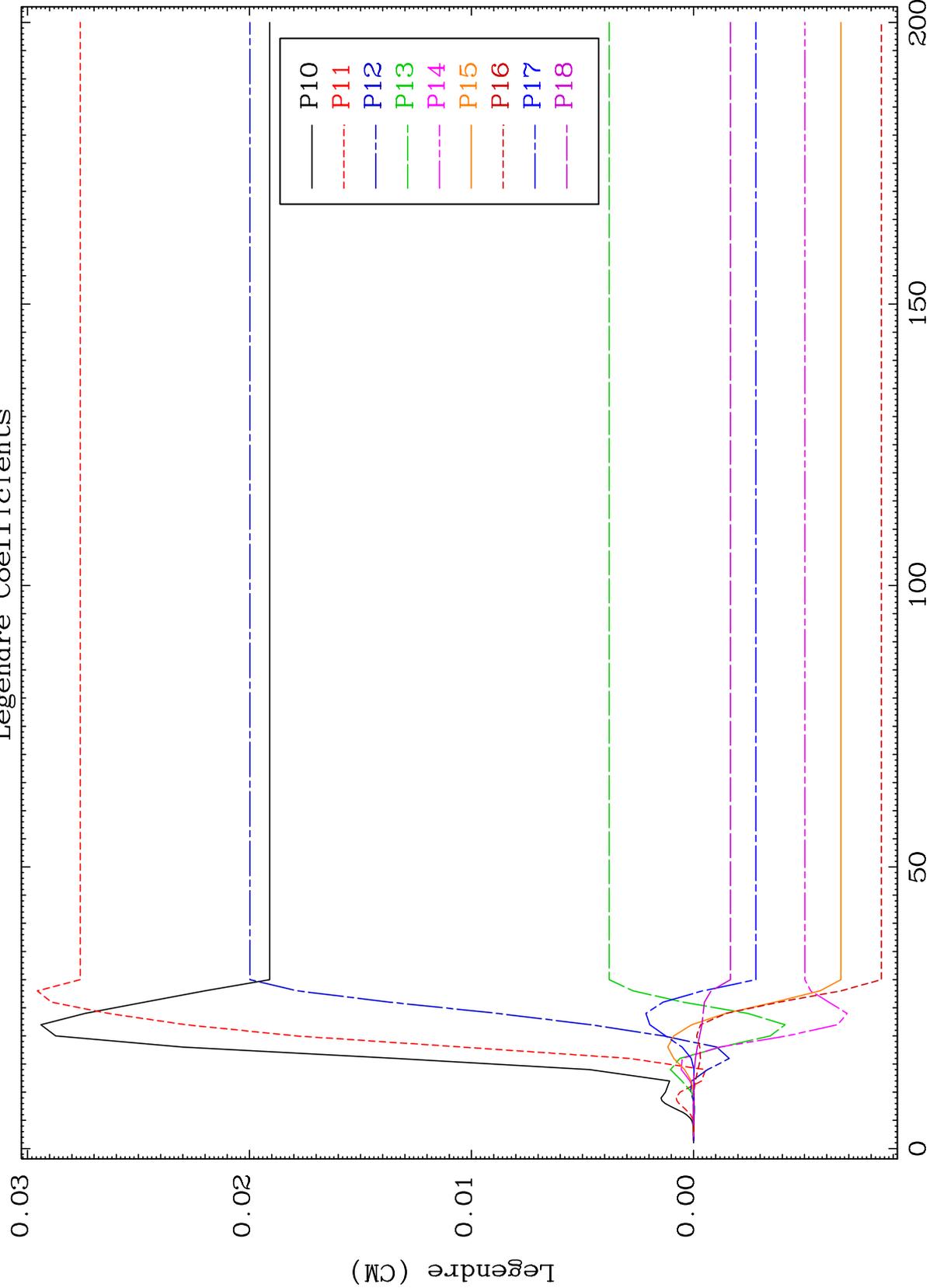


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MAT 7686

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

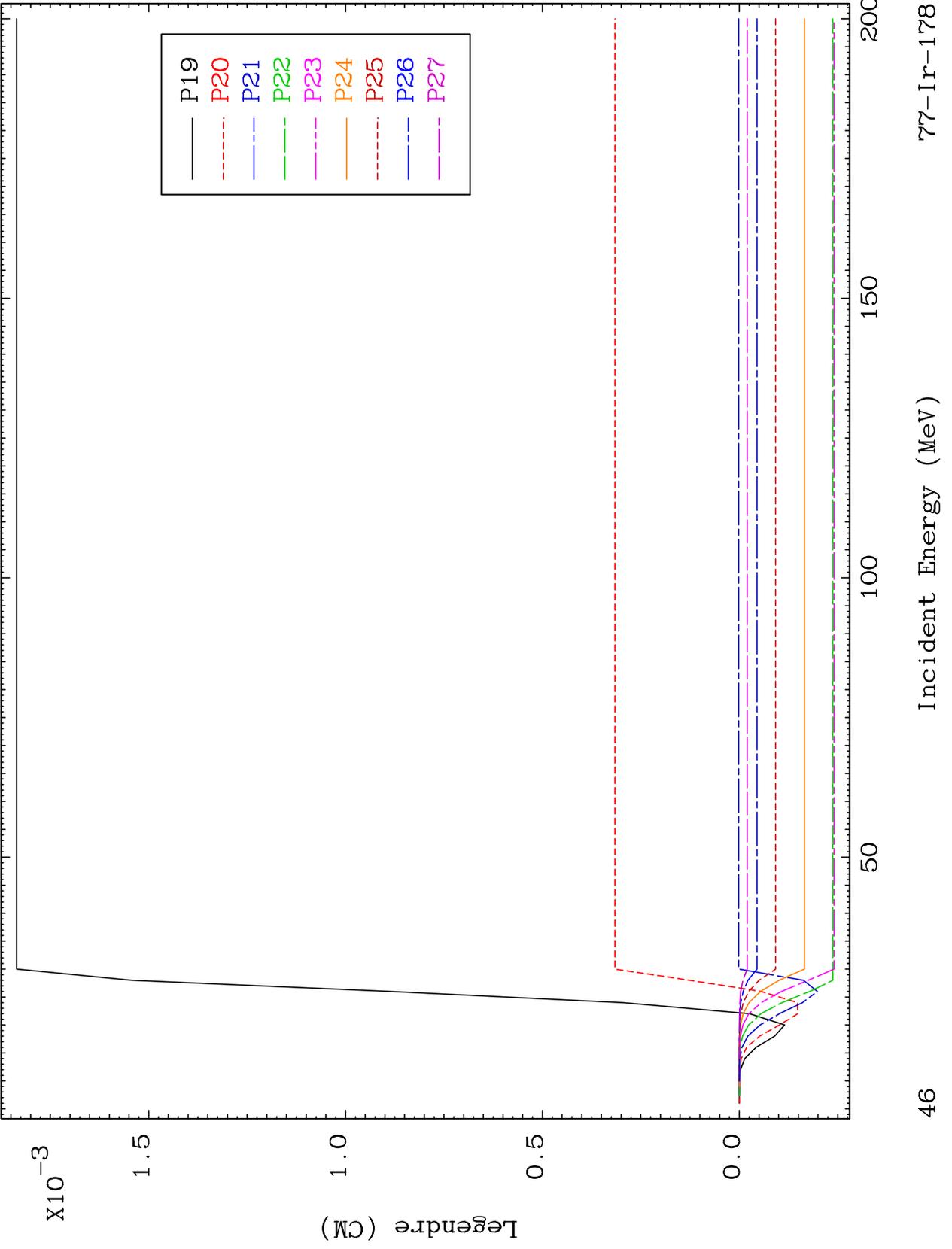
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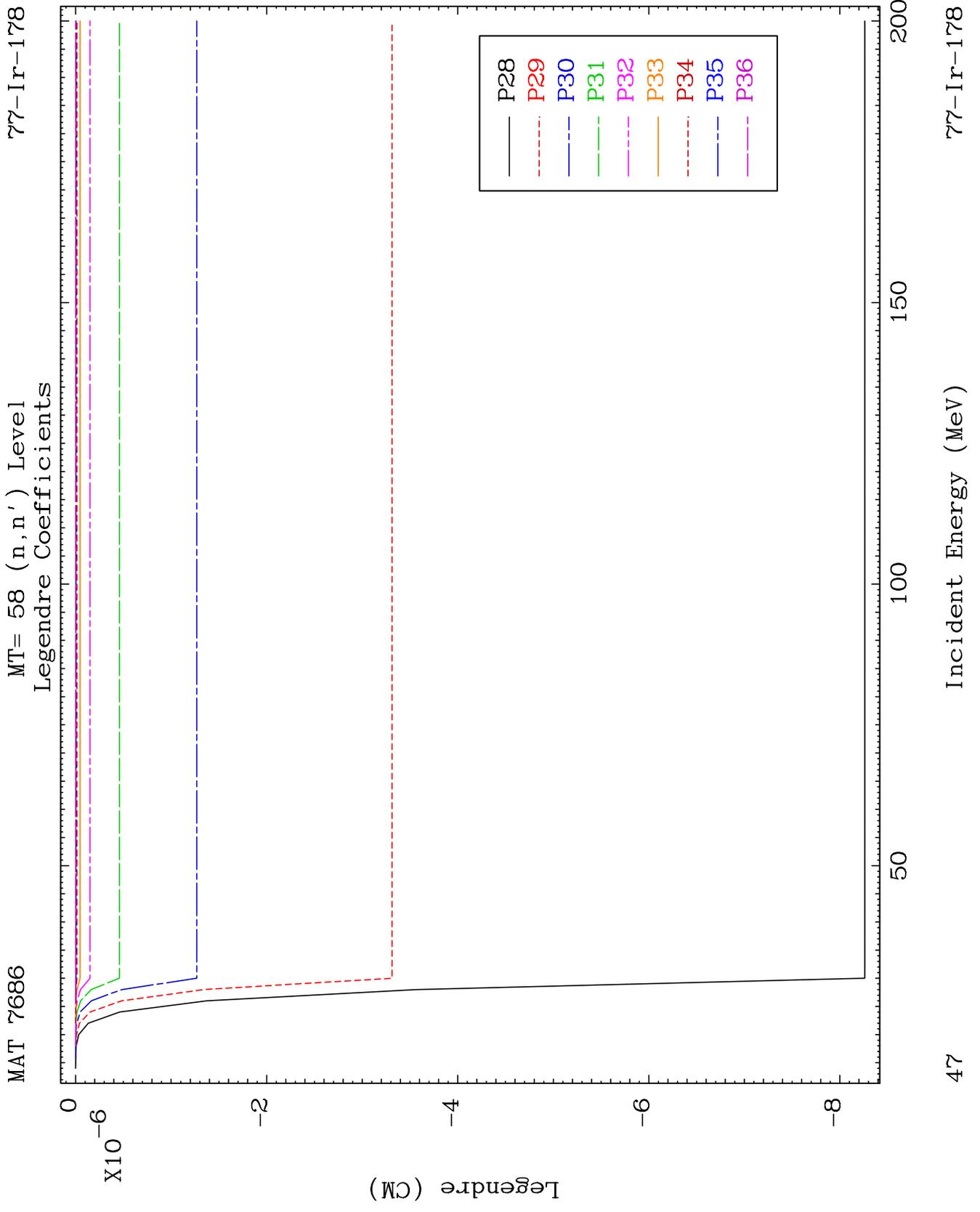


77-Ir-178

Incident Energy (MeV)

45

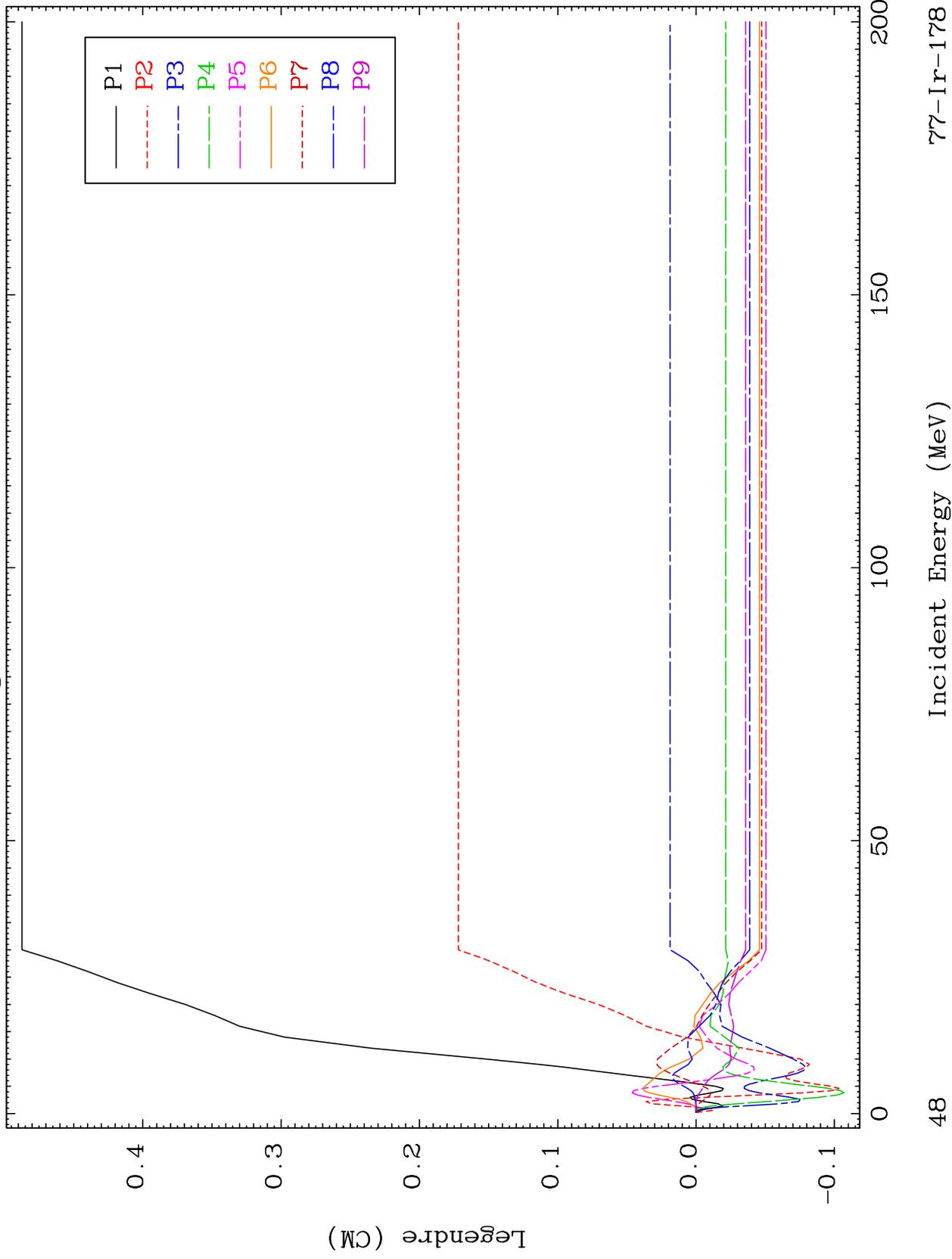




MAT 7686

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

⁷⁷Ir-178



⁷⁷Ir-178

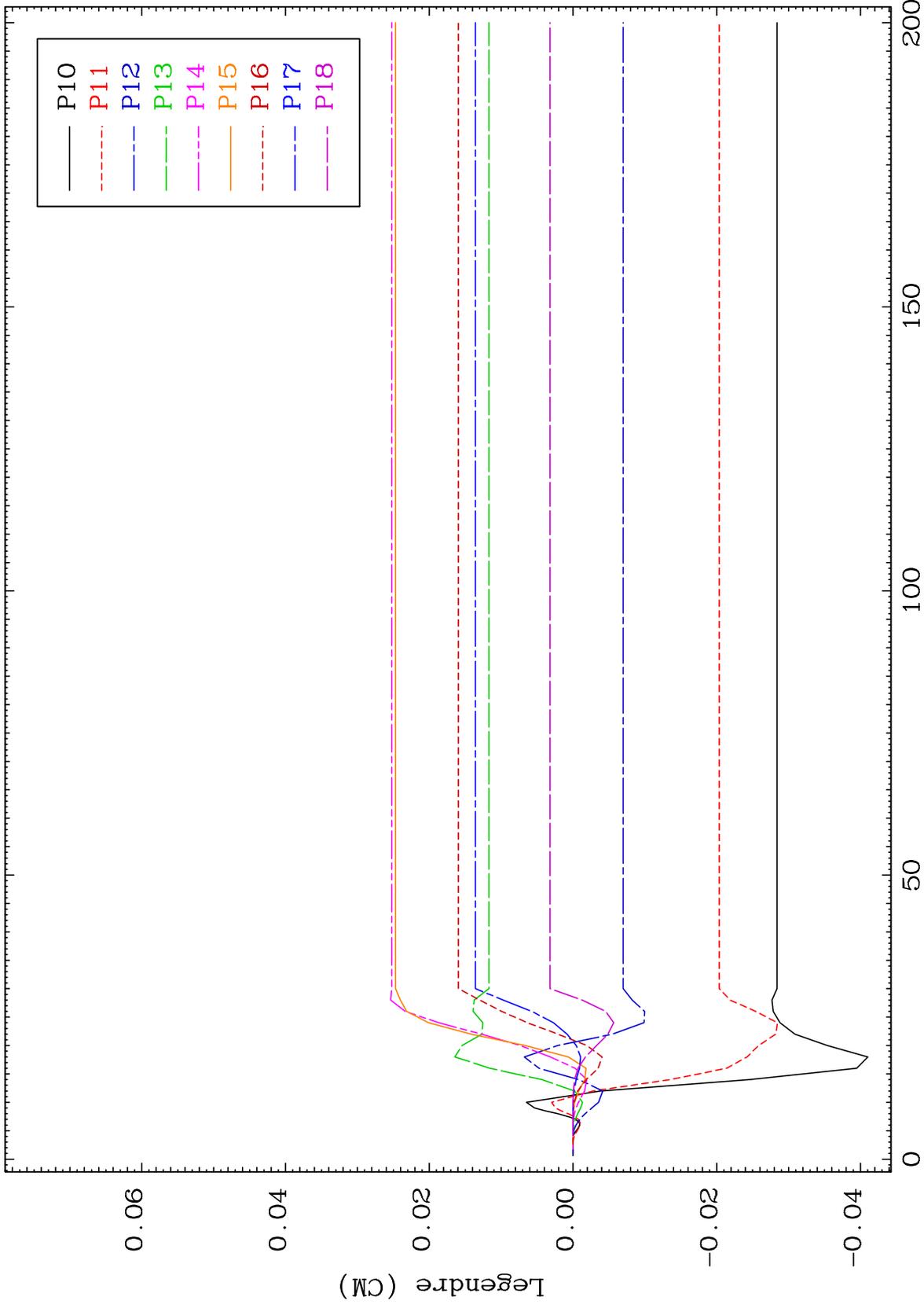
Incident Energy (MeV)

48

MAT 7686

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

77-Ir-178



49

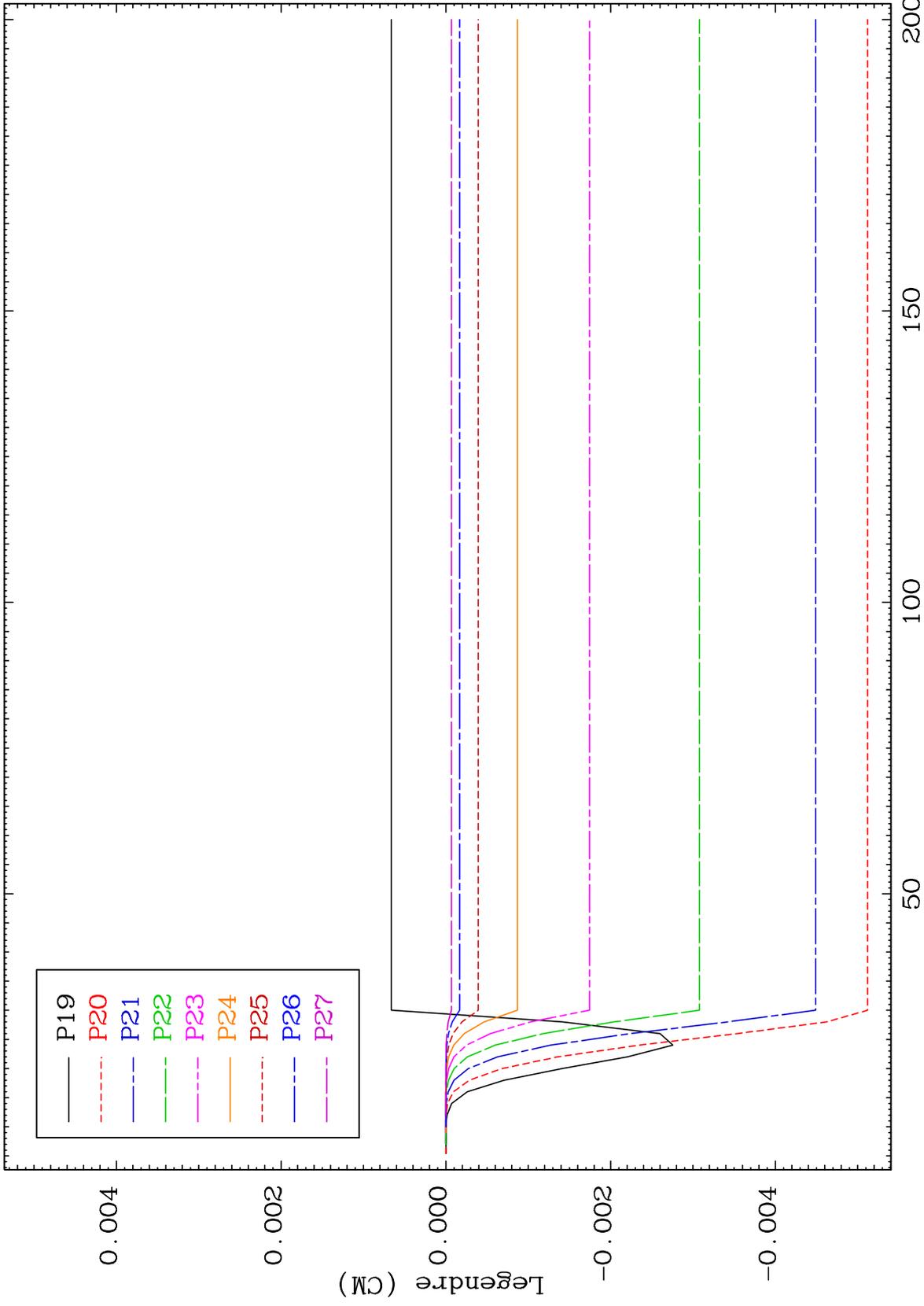
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

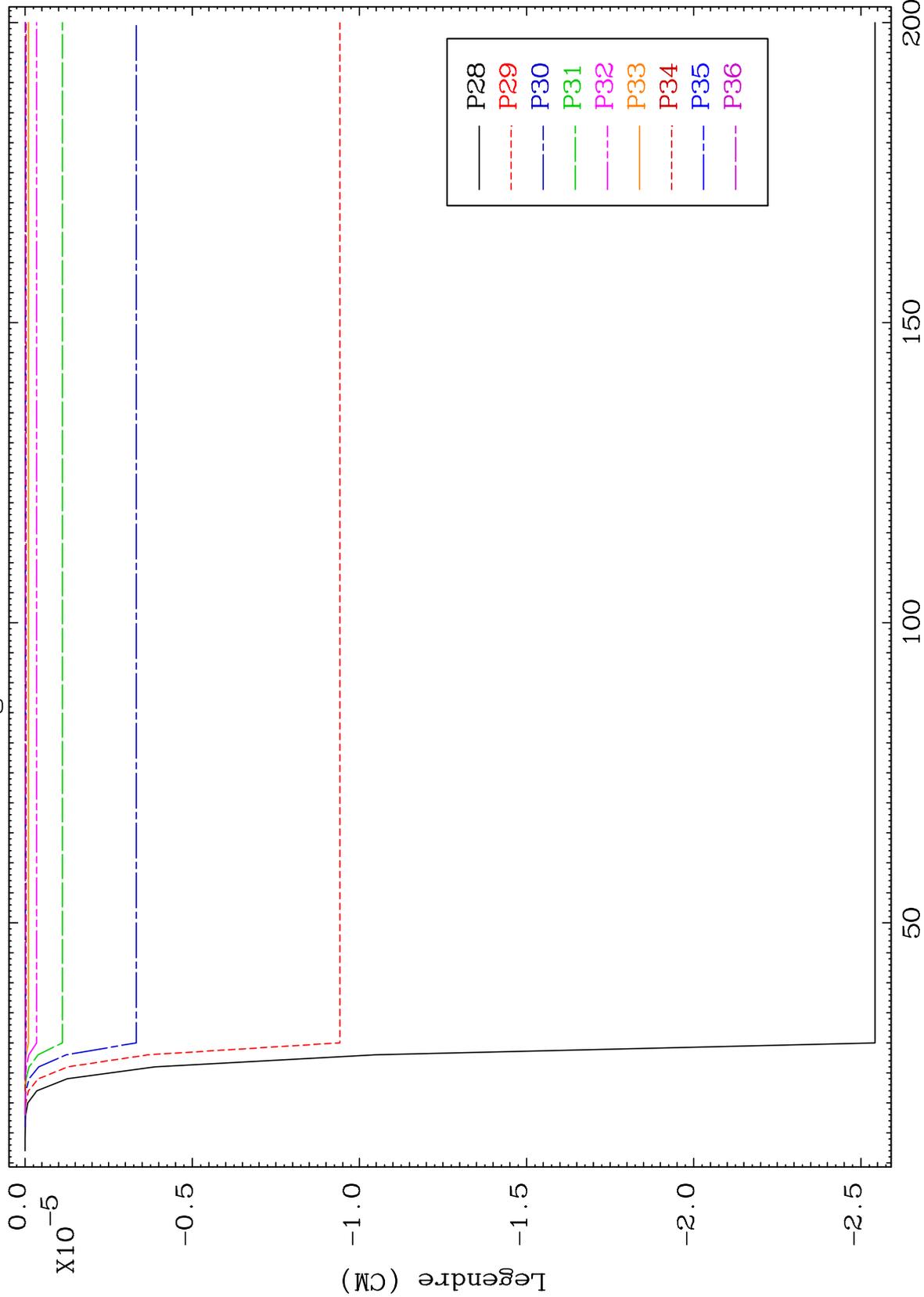
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50

Incident Energy (MeV)

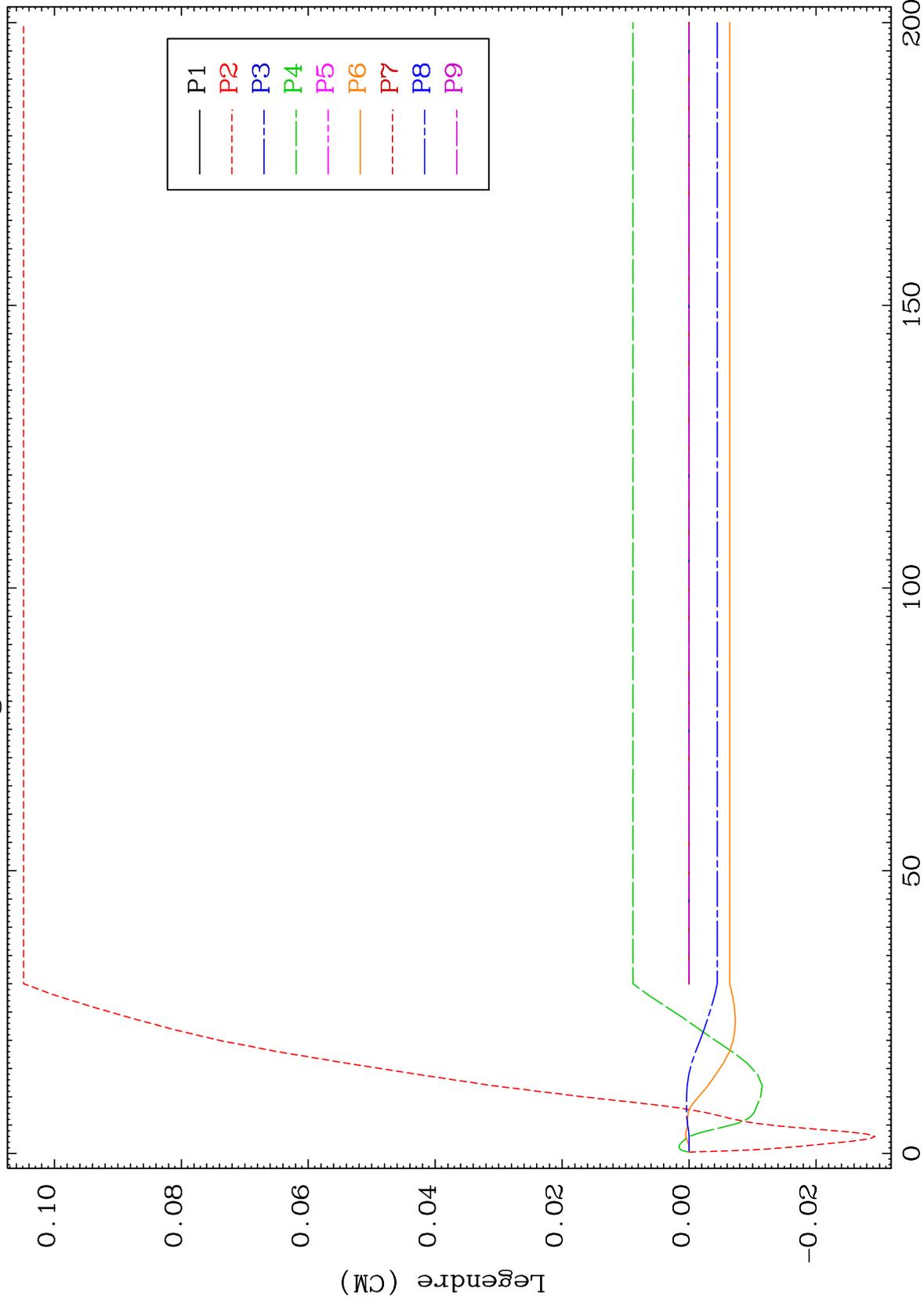
77-Ir-178



MAT 7686

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

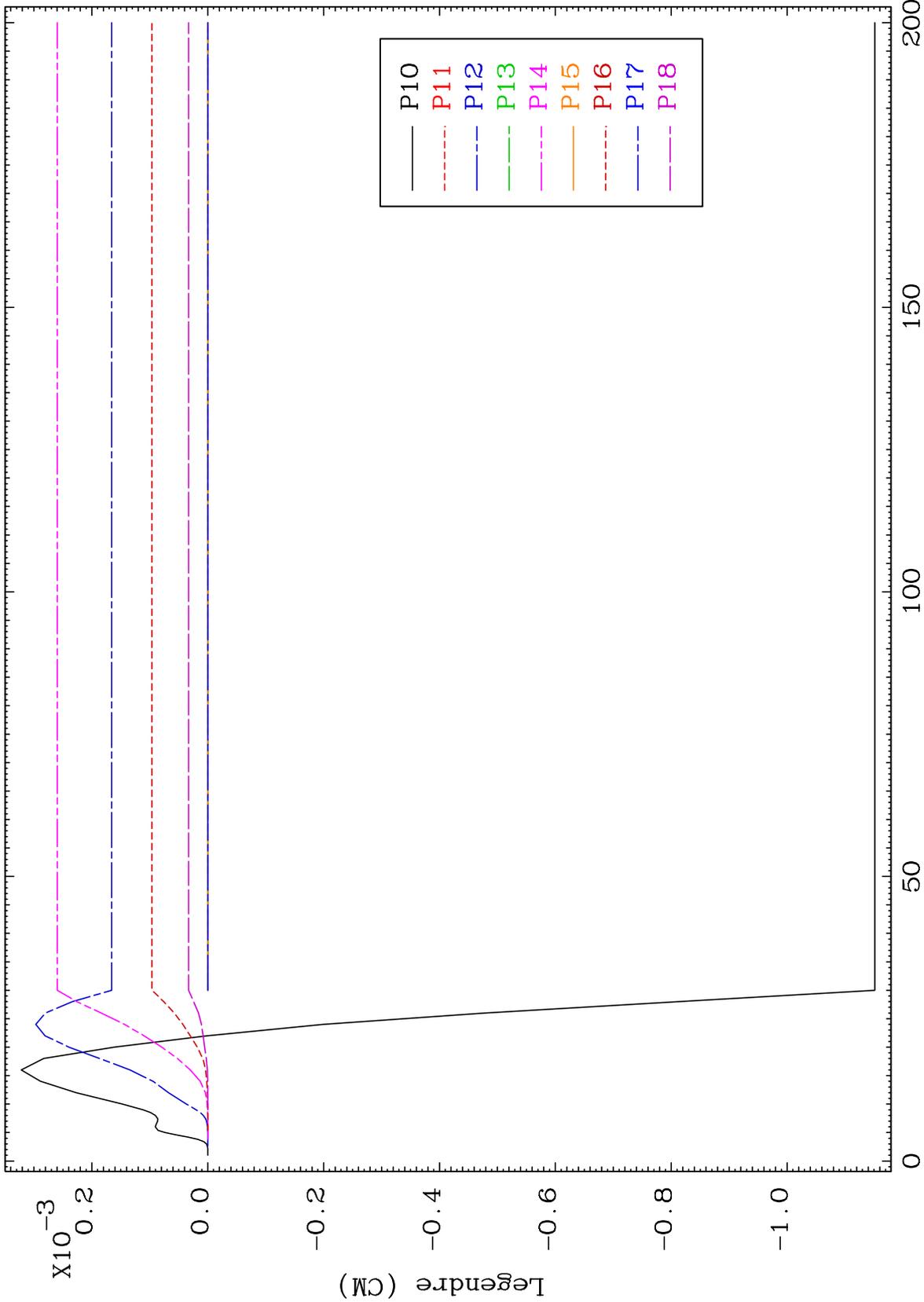
77-Ir-178



52

Incident Energy (MeV)

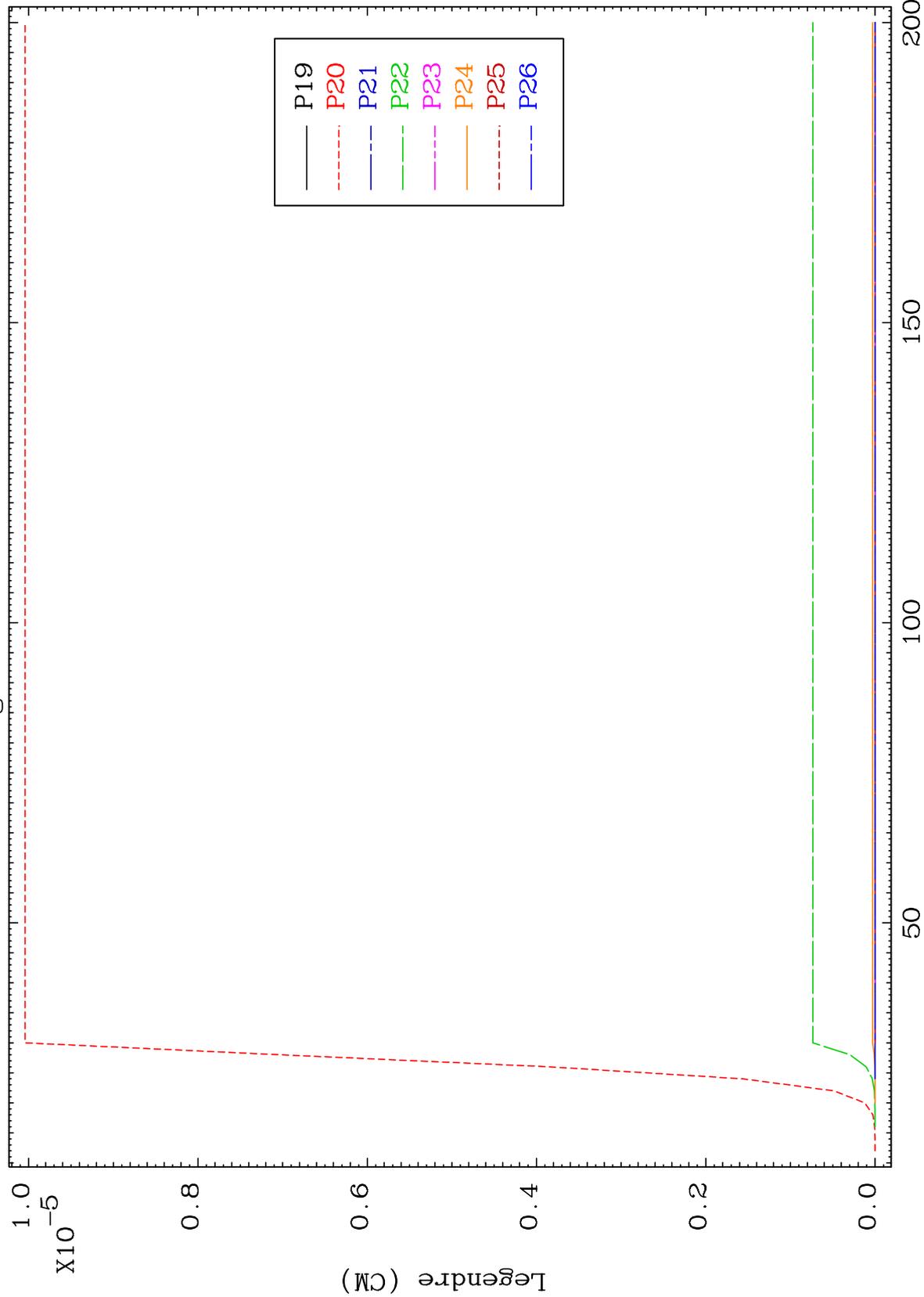
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MAT 7686

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

77-Ir-178



77-Ir-178

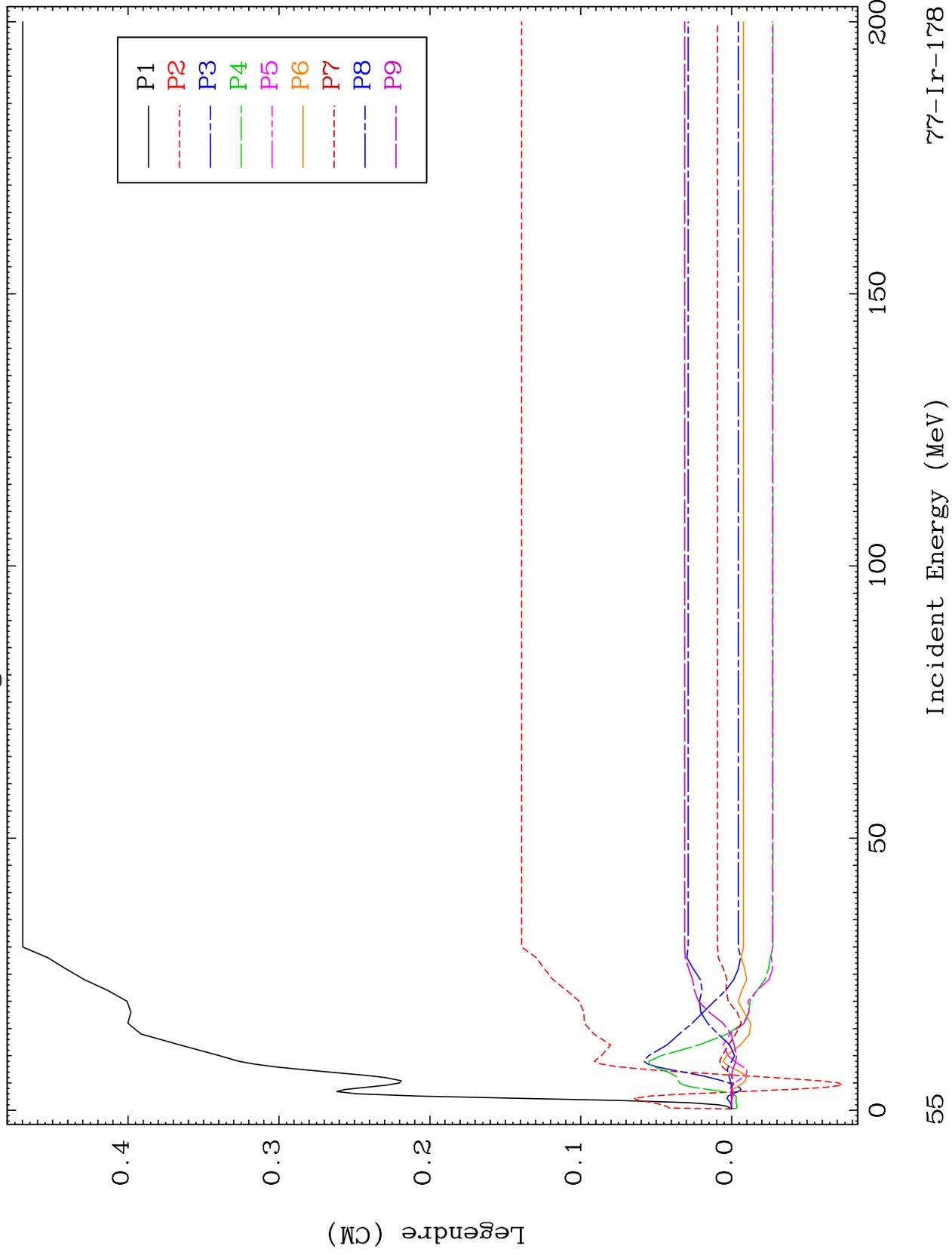
Incident Energy (MeV)

54

MAT 7686

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

77-Ir-178



77-Ir-178

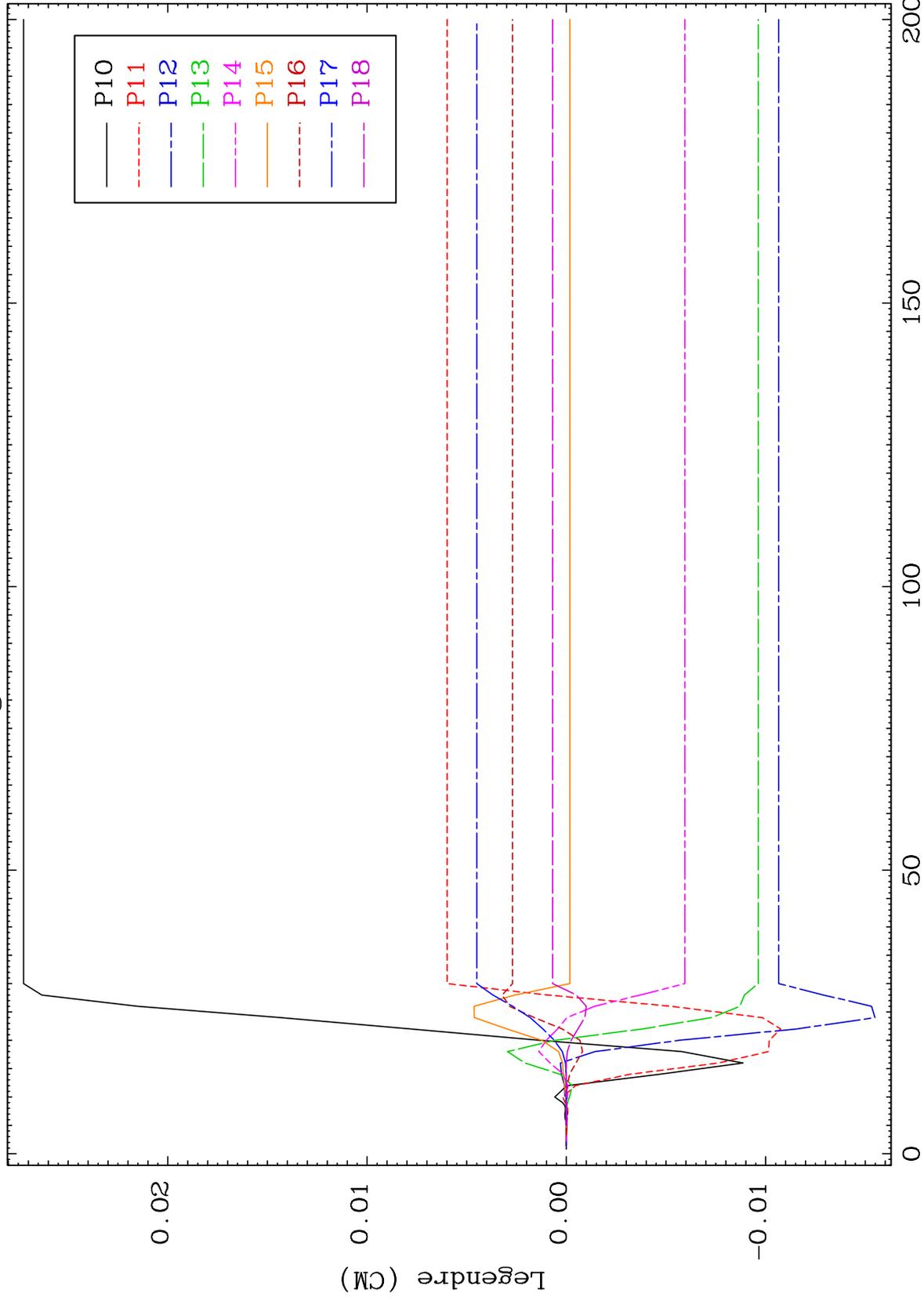
Incident Energy (MeV)

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MAT 7686

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

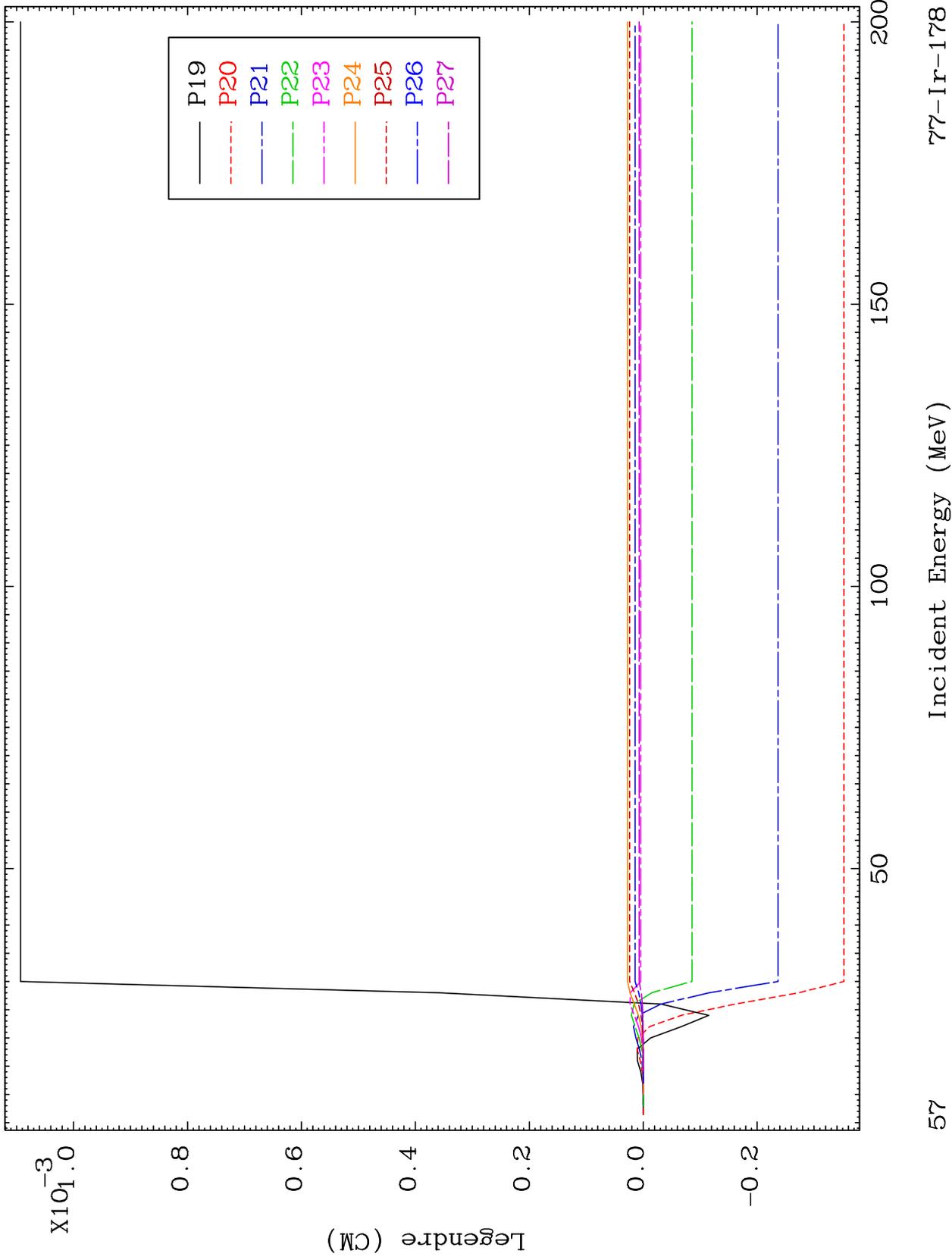
⁷⁷Ir-178



56

Incident Energy (MeV)

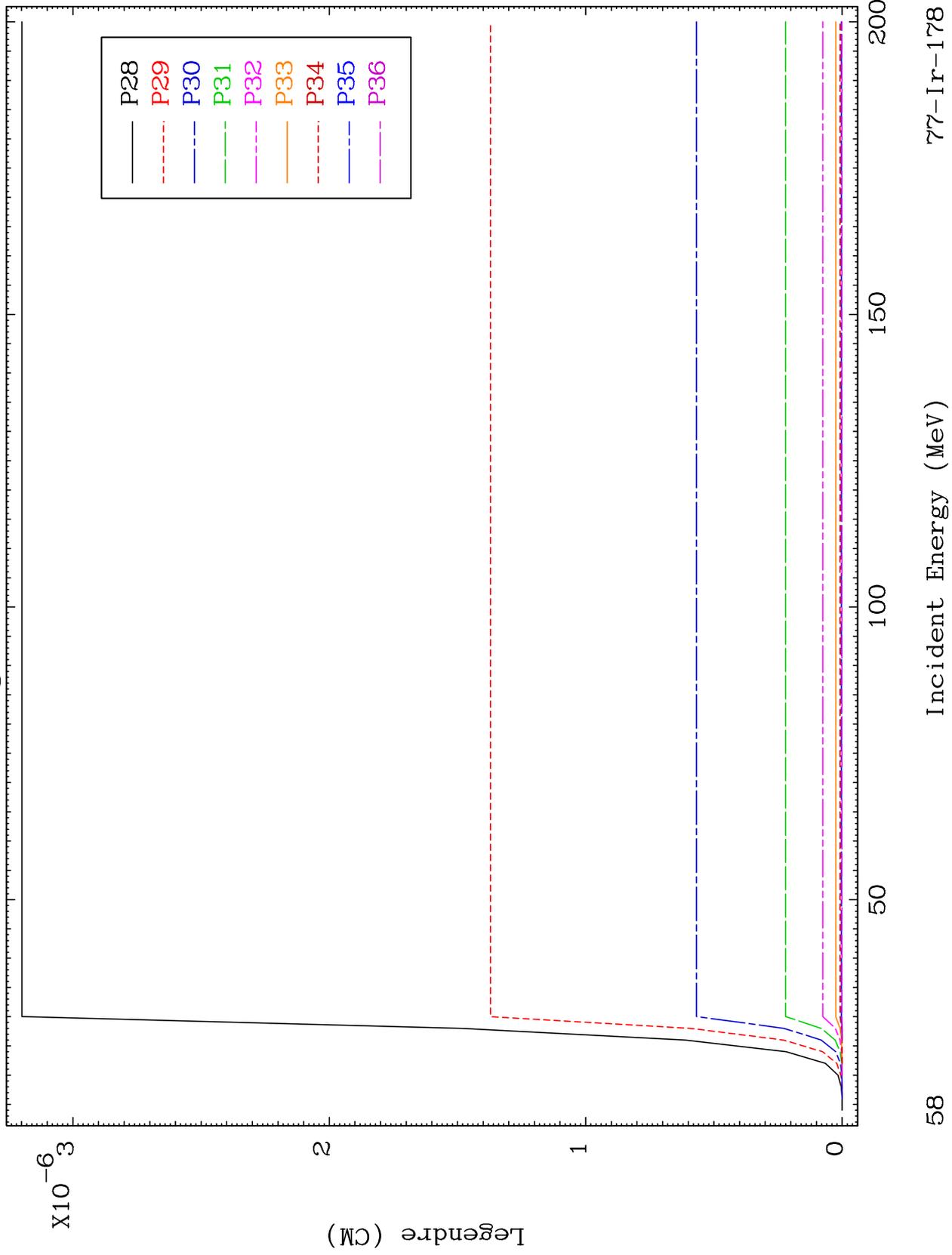
⁷⁷Ir-178



MAT 7686

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

⁷⁷Ir-178



⁷⁷Ir-178

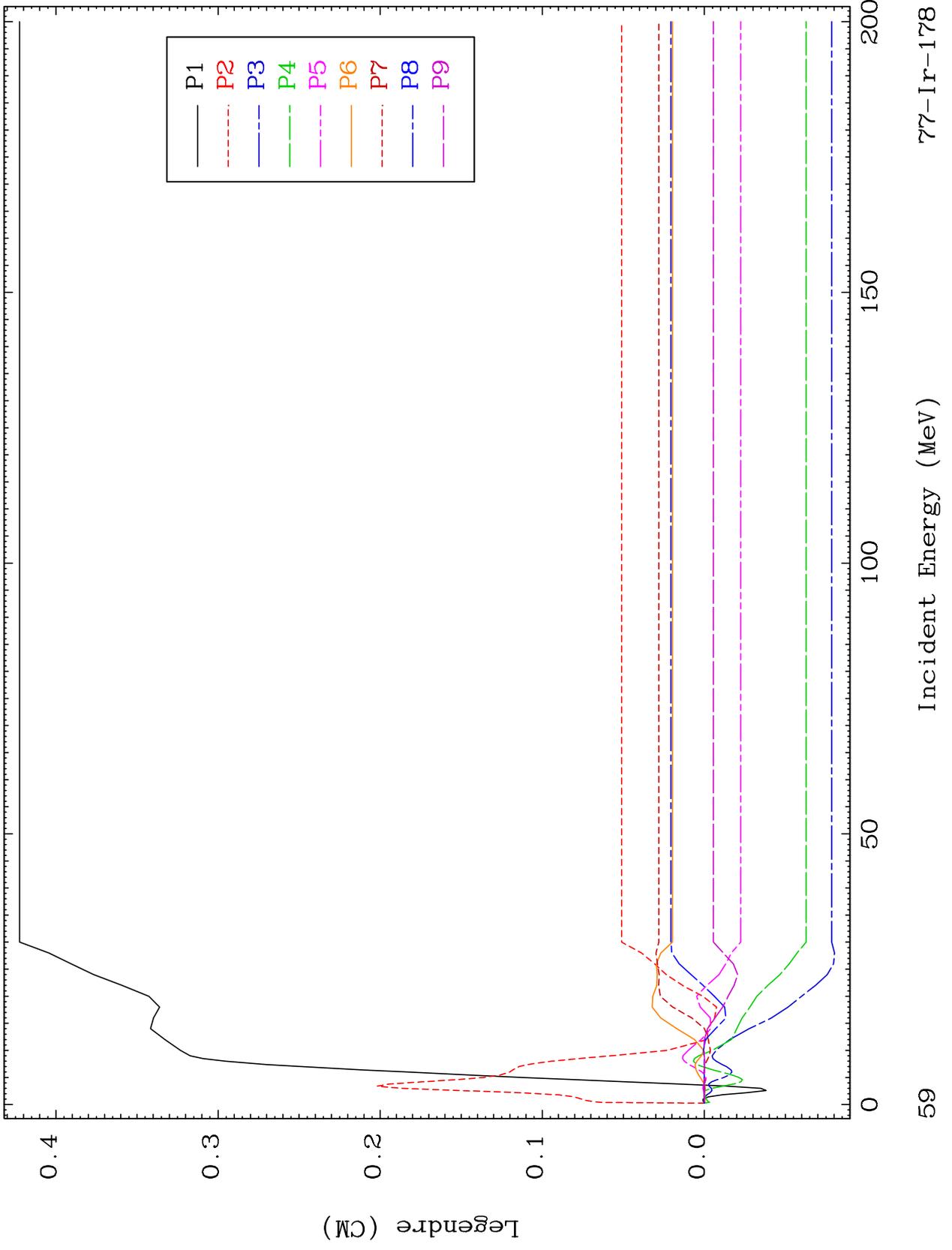
Incident Energy (MeV)

58

MAT 7686

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

⁷⁷Ir-178



59

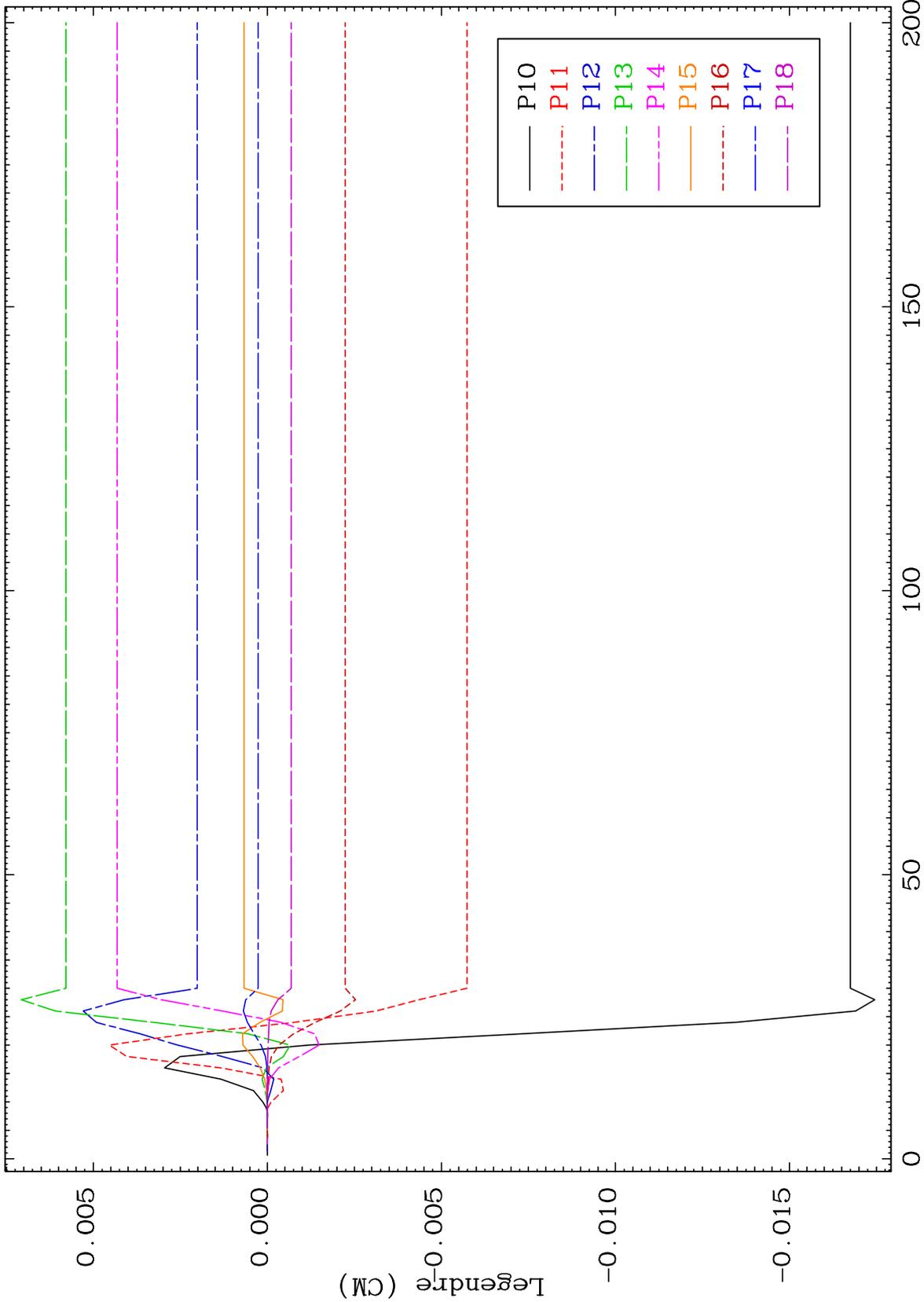
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

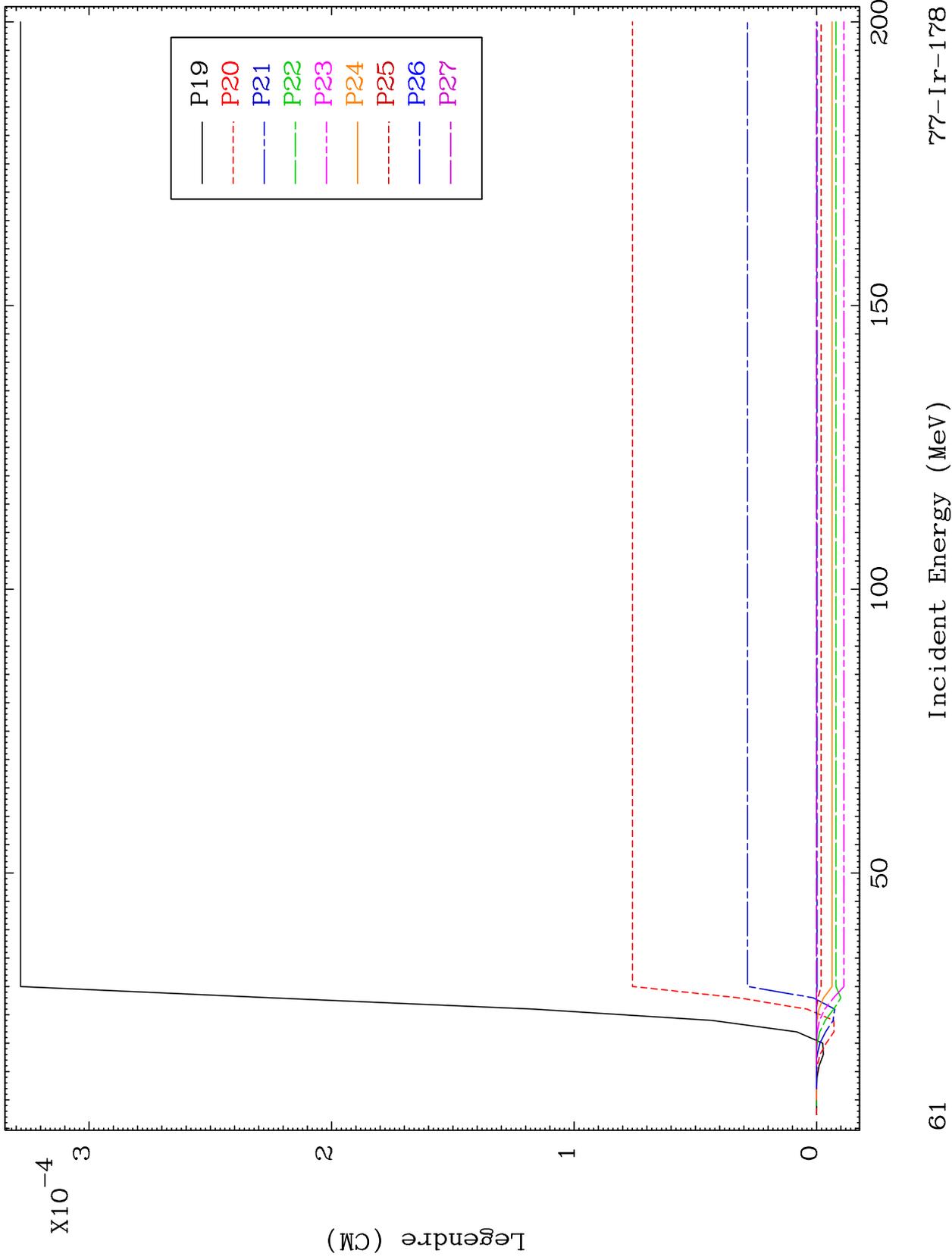
Incident Energy (MeV)

60

MAT 7686

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

77-Ir-178



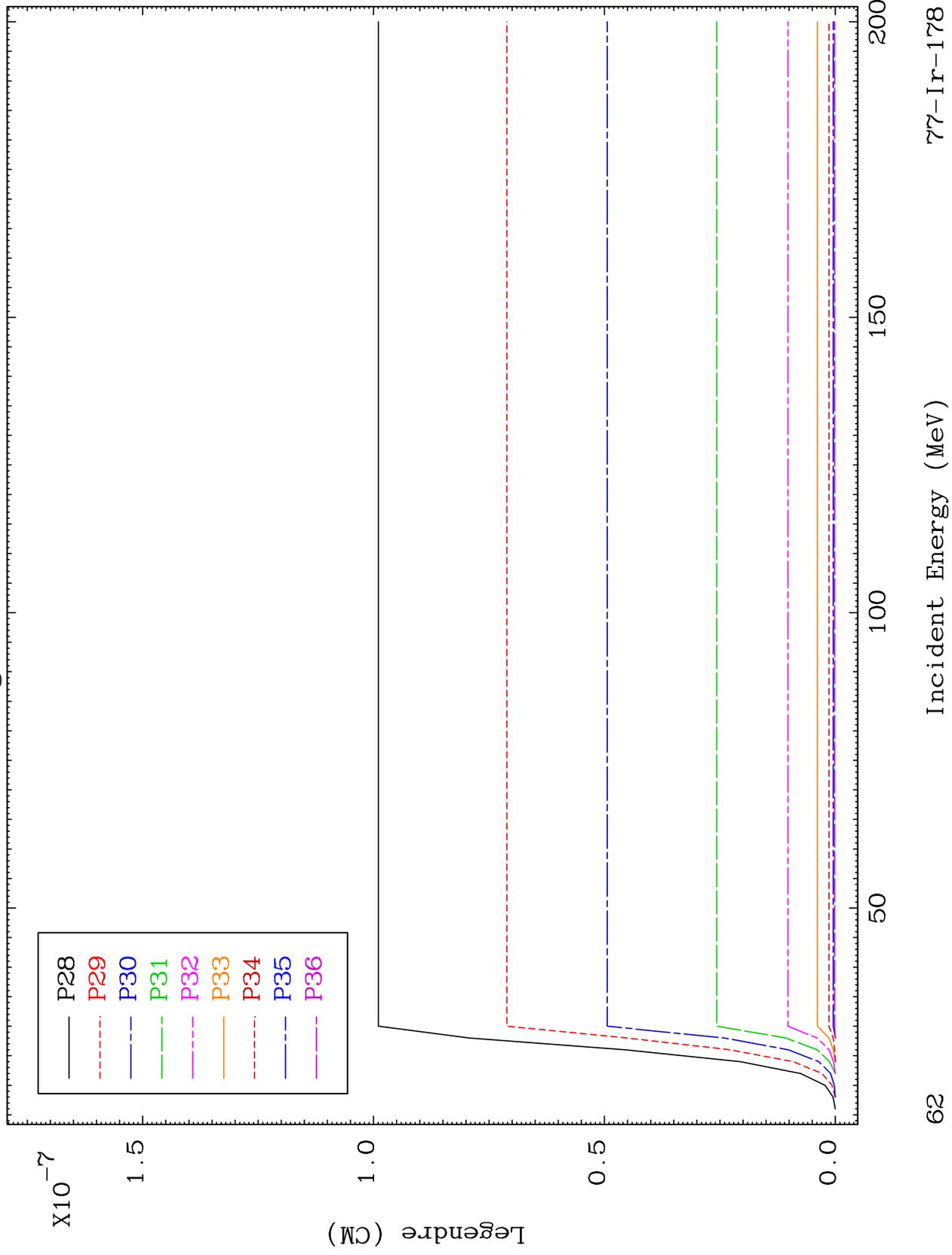
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77-Ir-178

MAT 7686

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

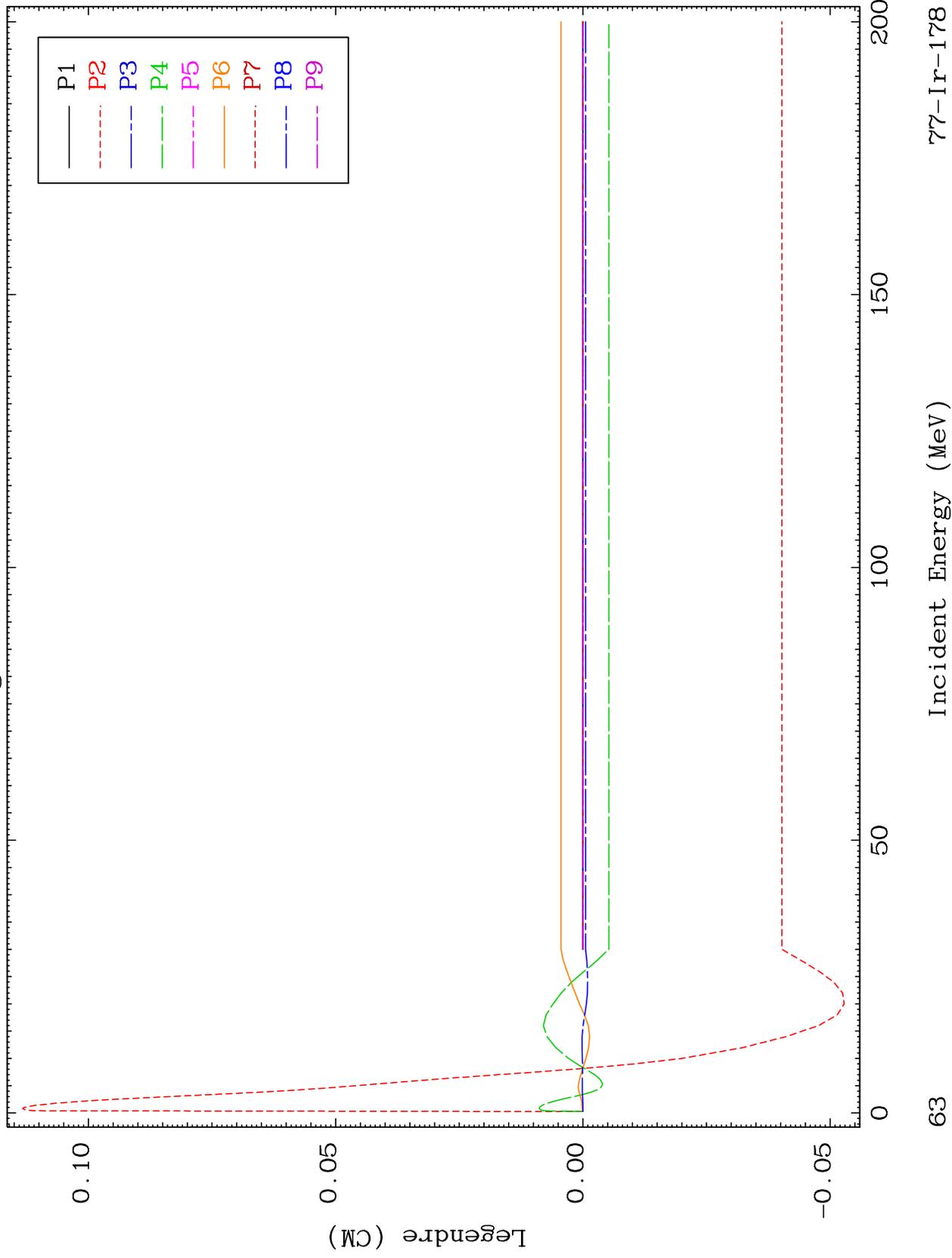
77-Ir-178



MAT 7686

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

⁷⁷Ir-178

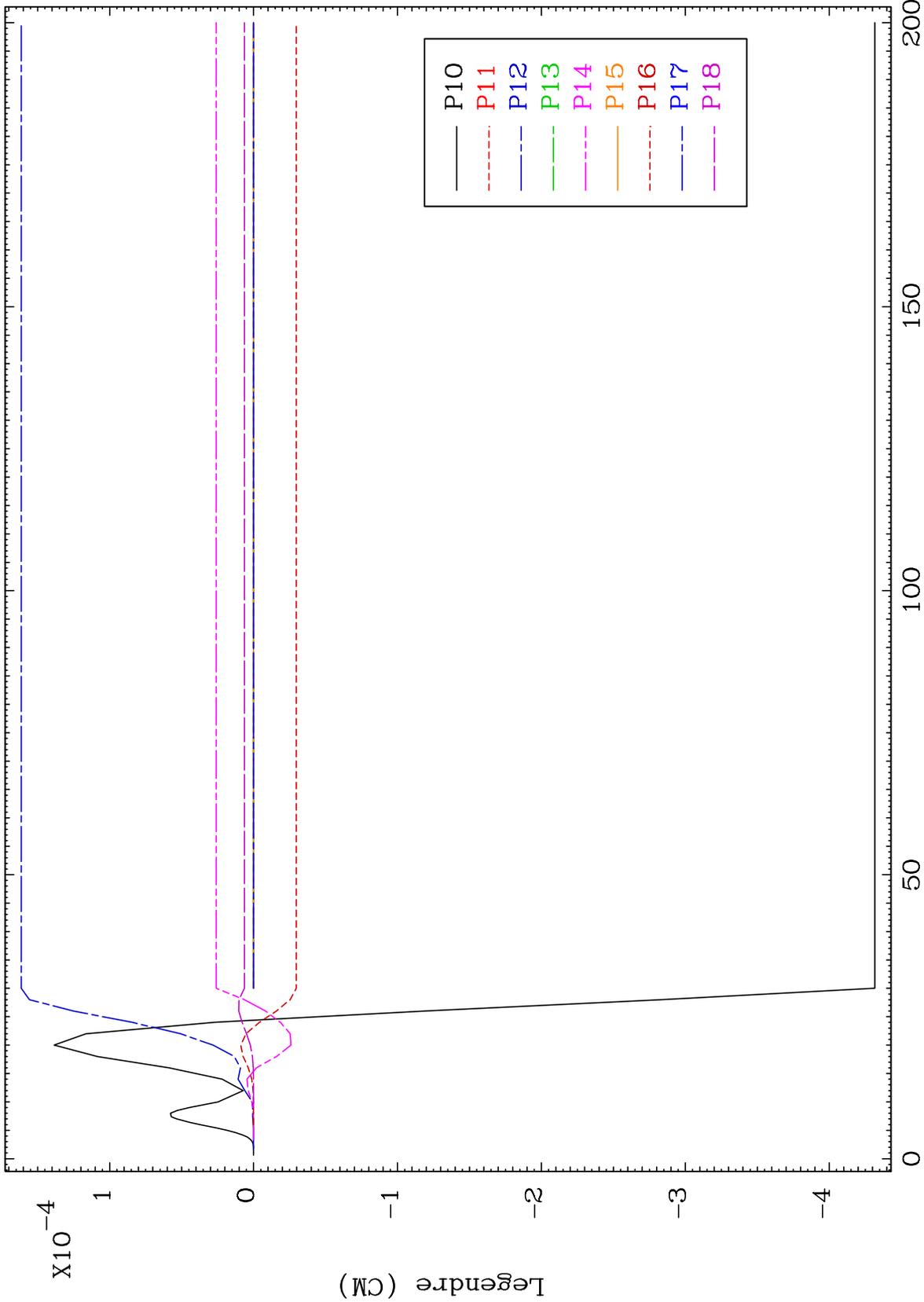


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MAT 7686

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

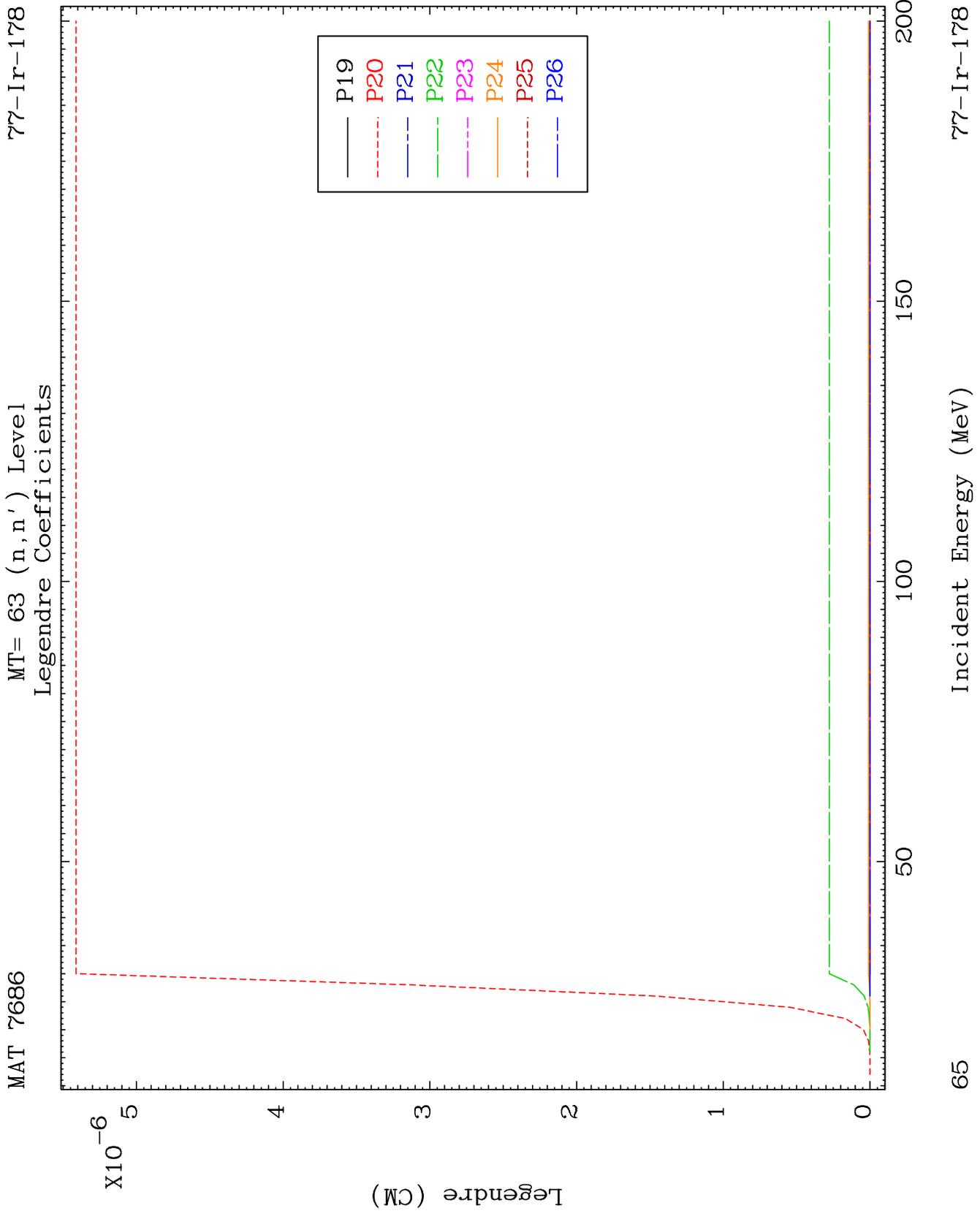
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64

Incident Energy (MeV)

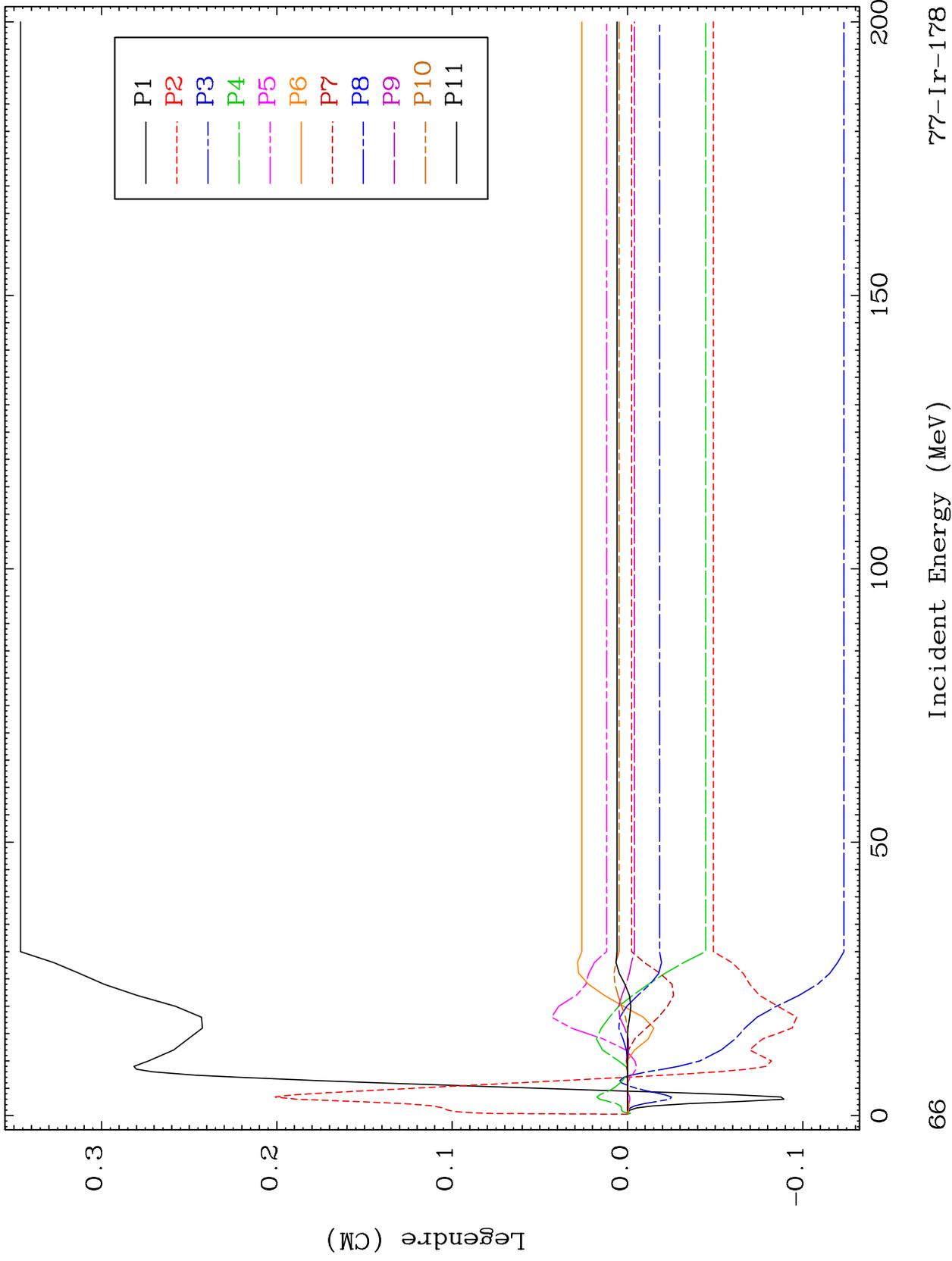
77-Ir-178



MAT 7686

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

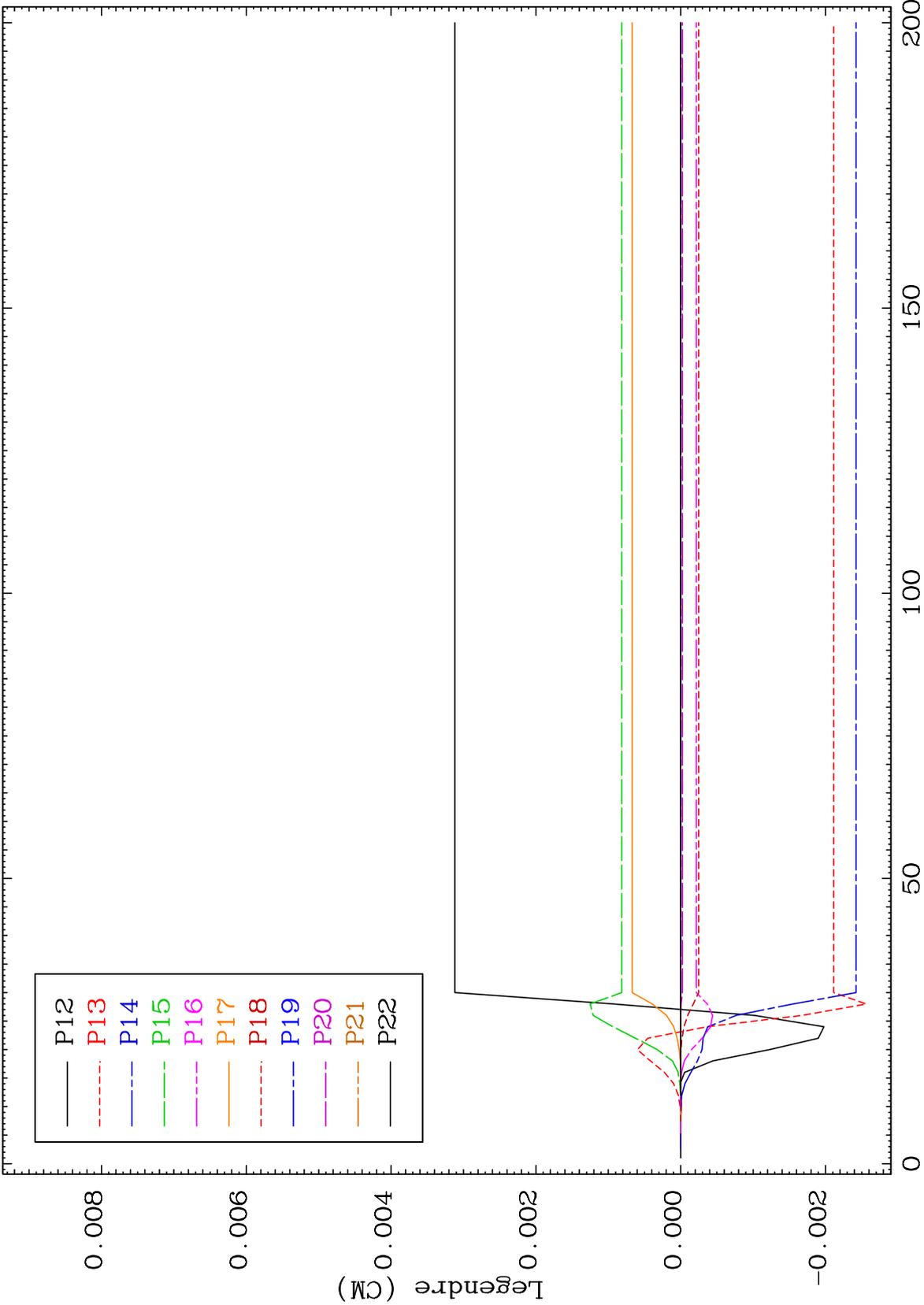
⁷⁷Ir-178



MAT 7686

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

77-Ir-178



67

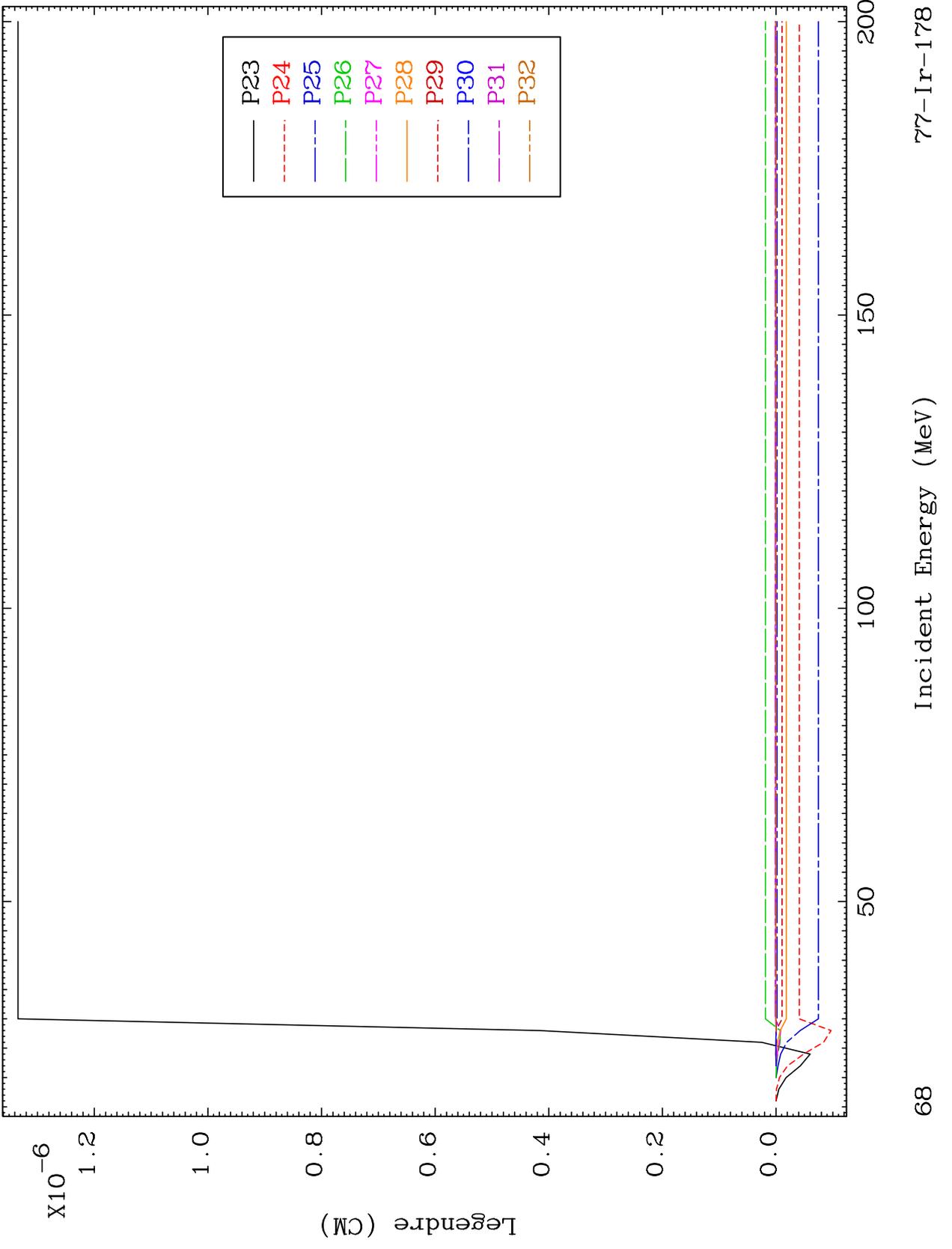
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



68

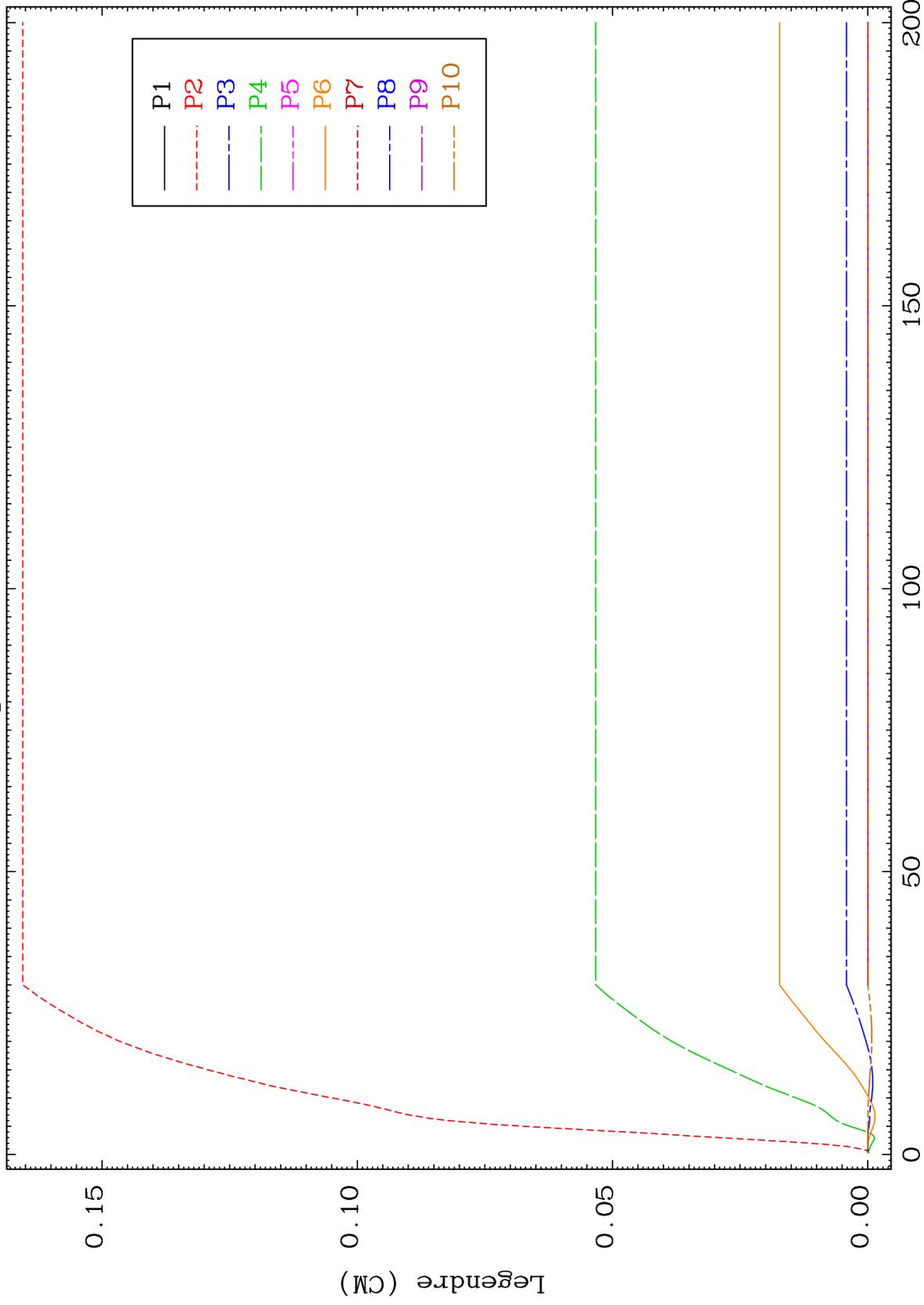
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



69

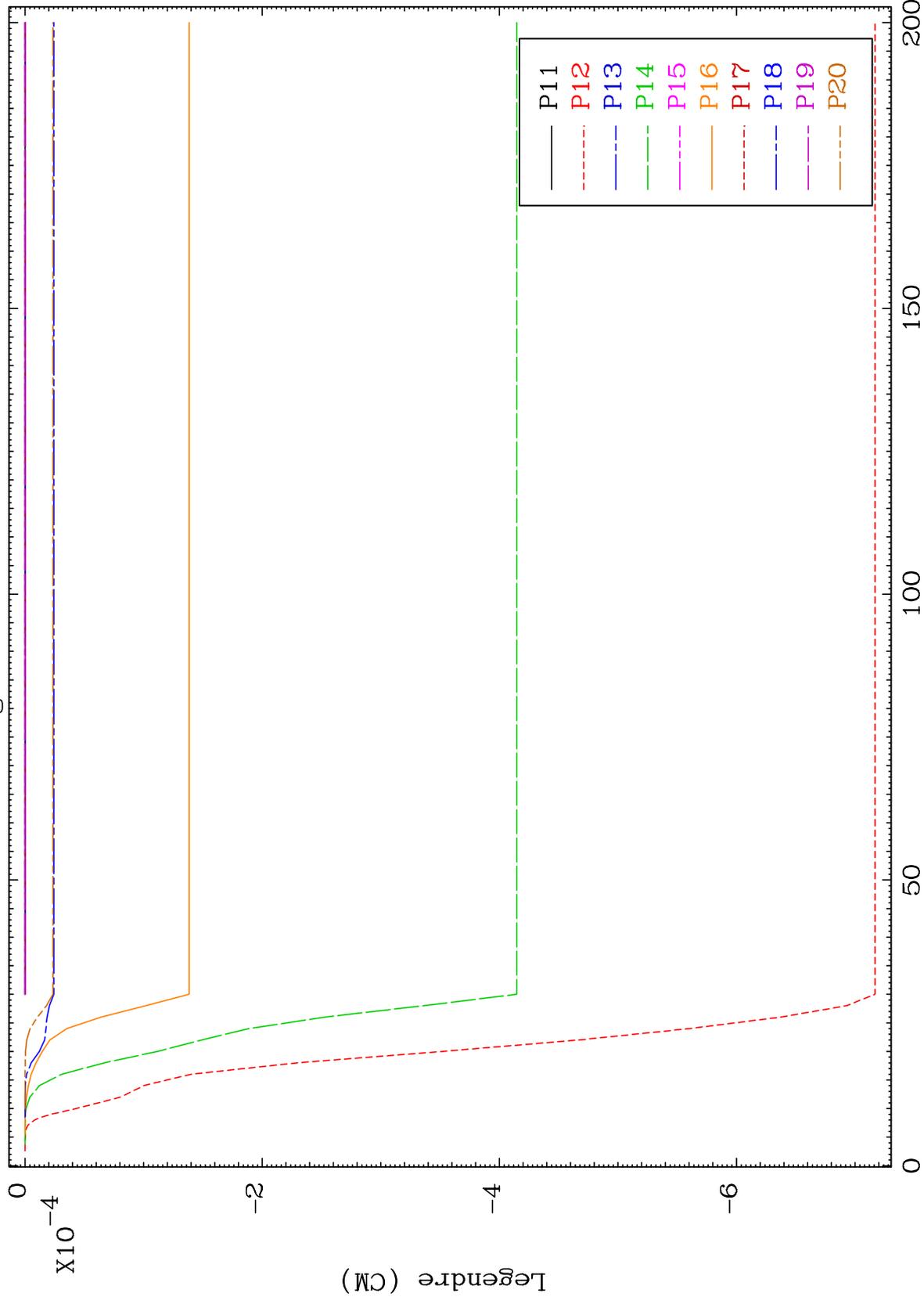
77-Ir-178

MAT 7686

MT= 65 (n,n') Level

77-Ir-178

Legendre Coefficients



70

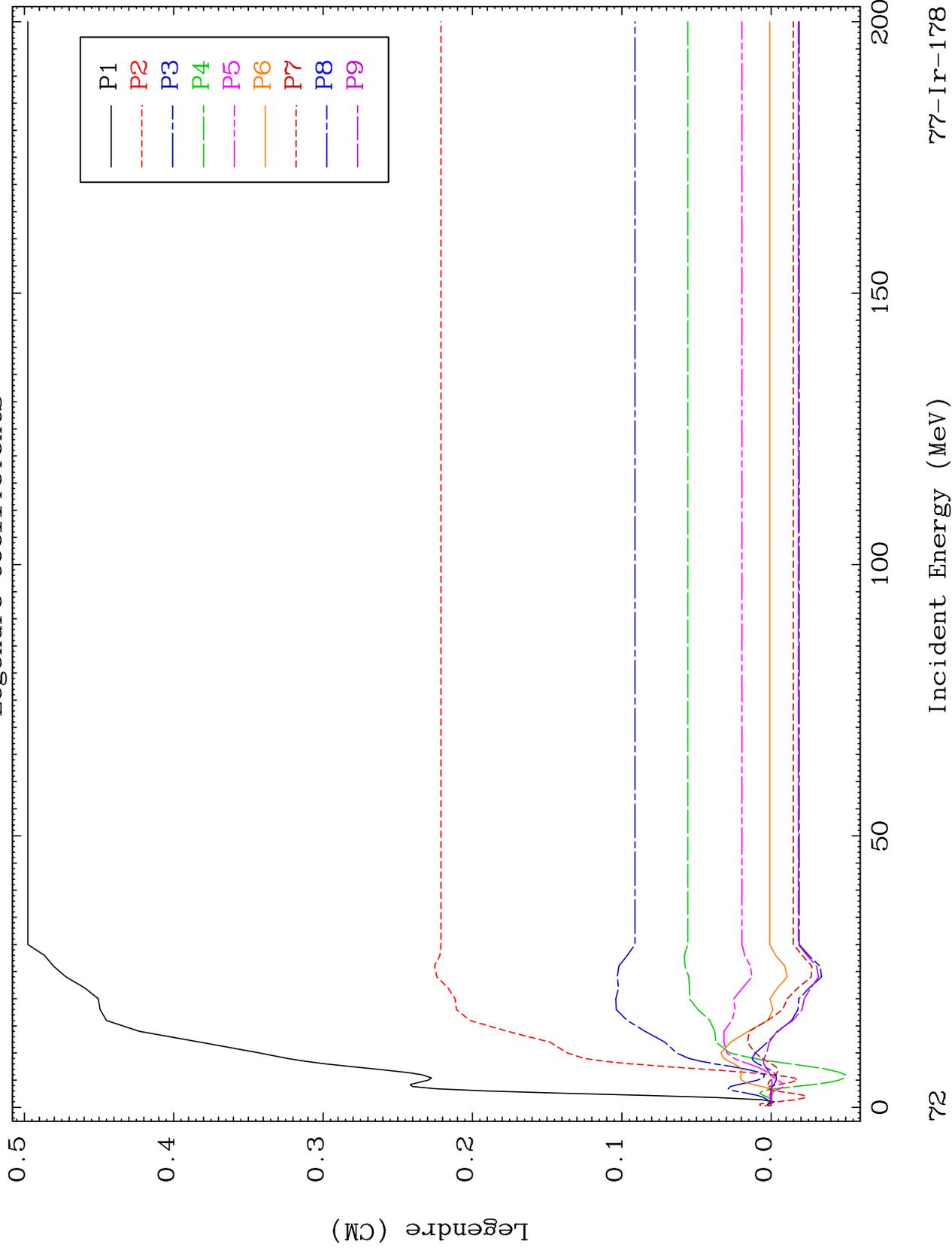
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



72

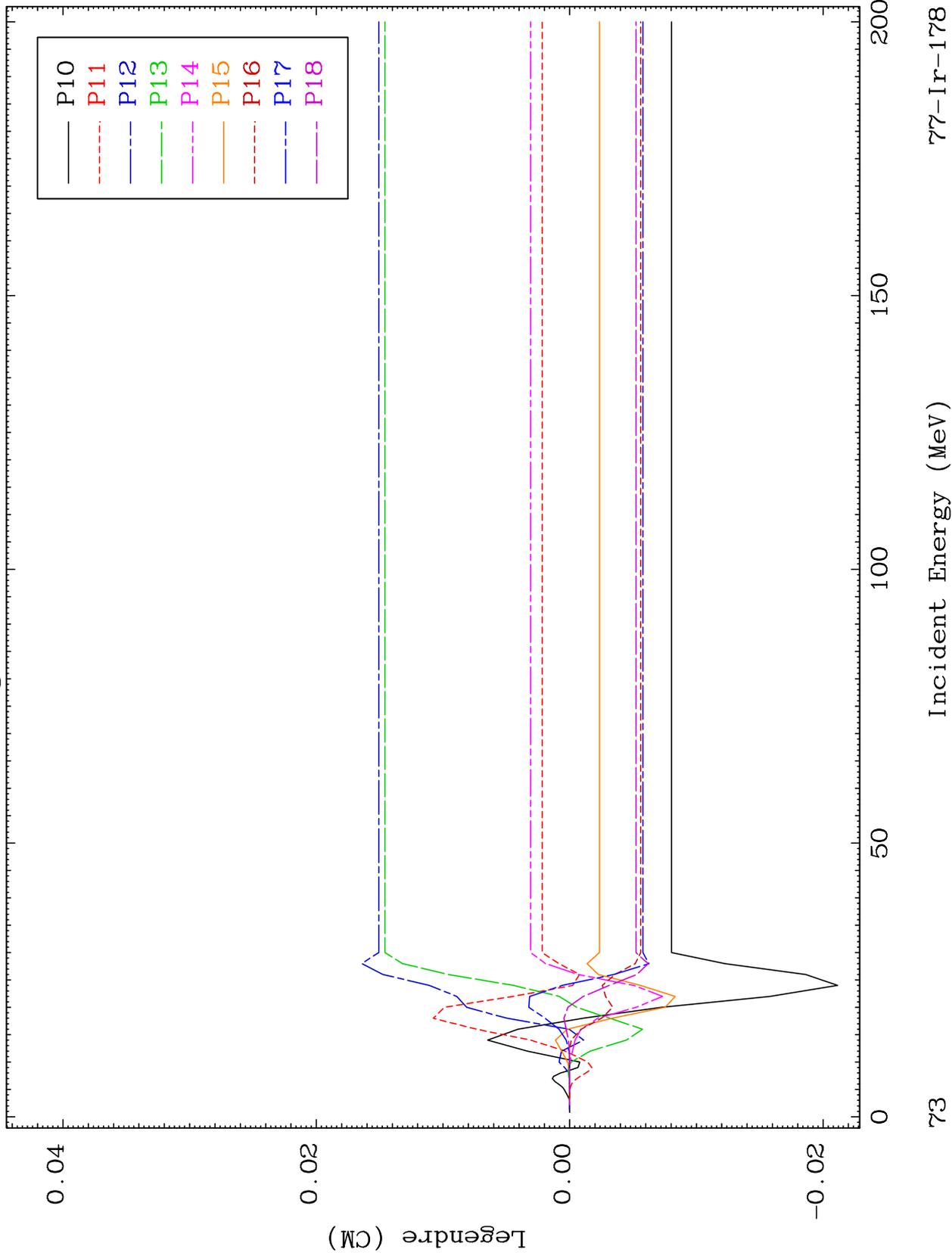
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



73

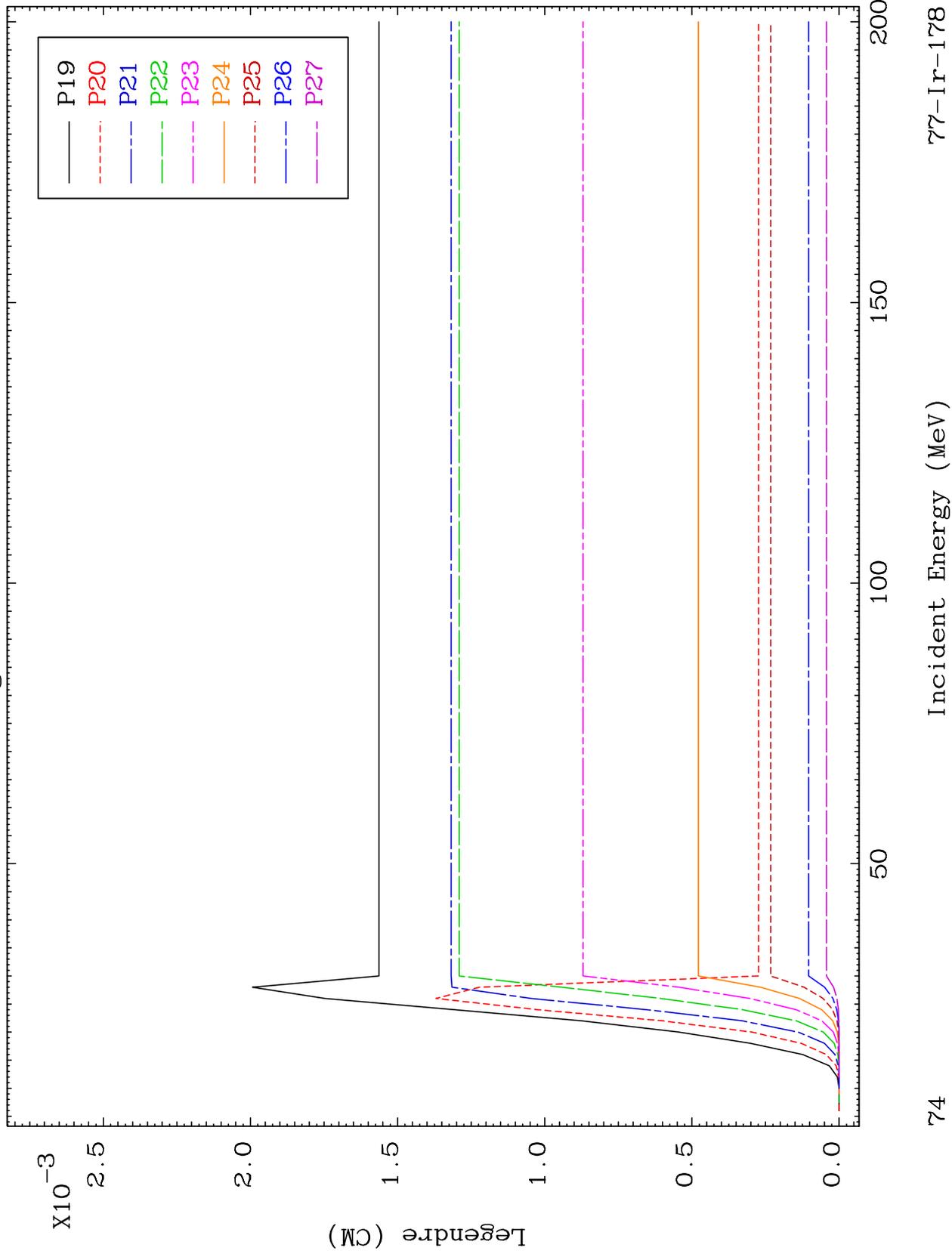
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



74

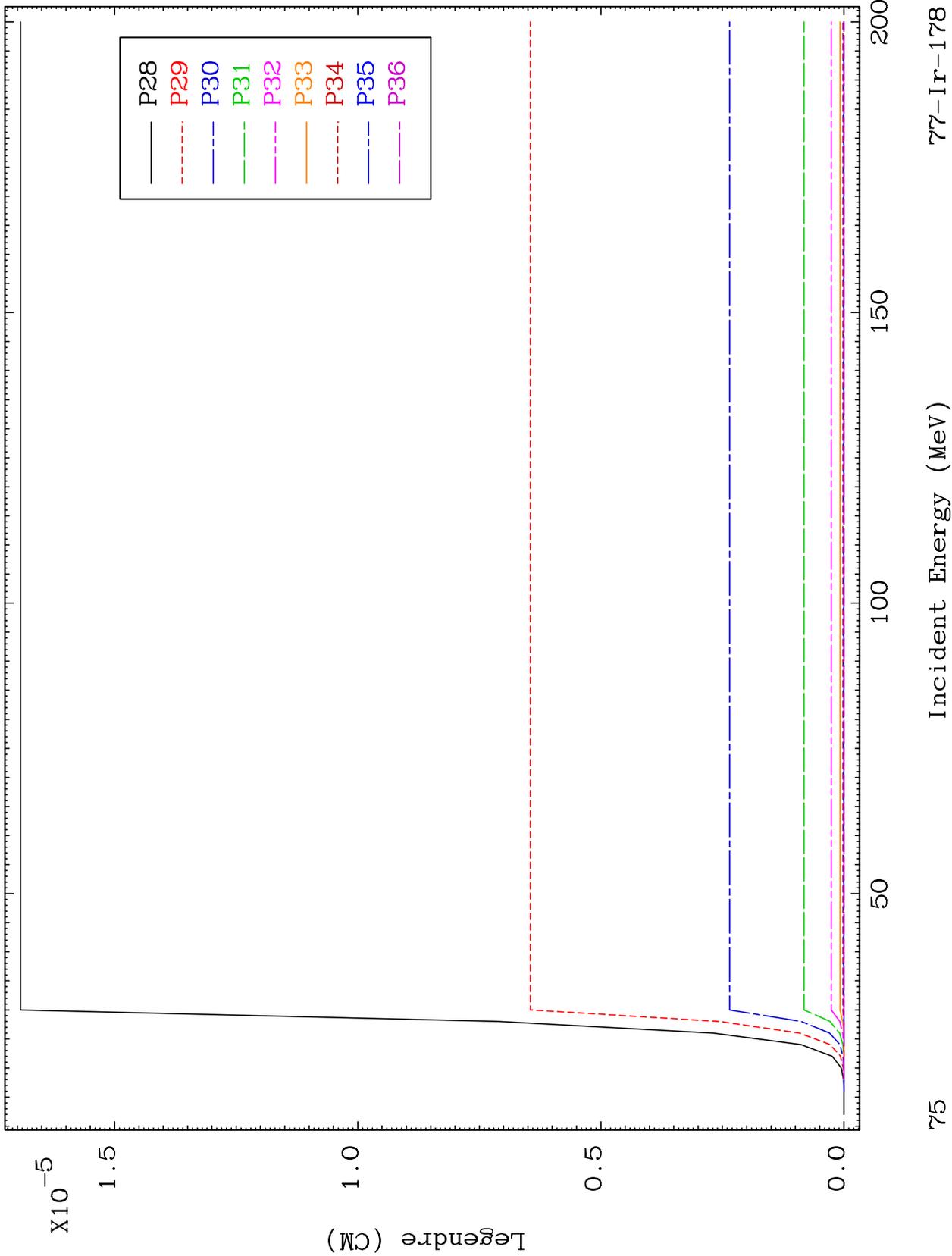
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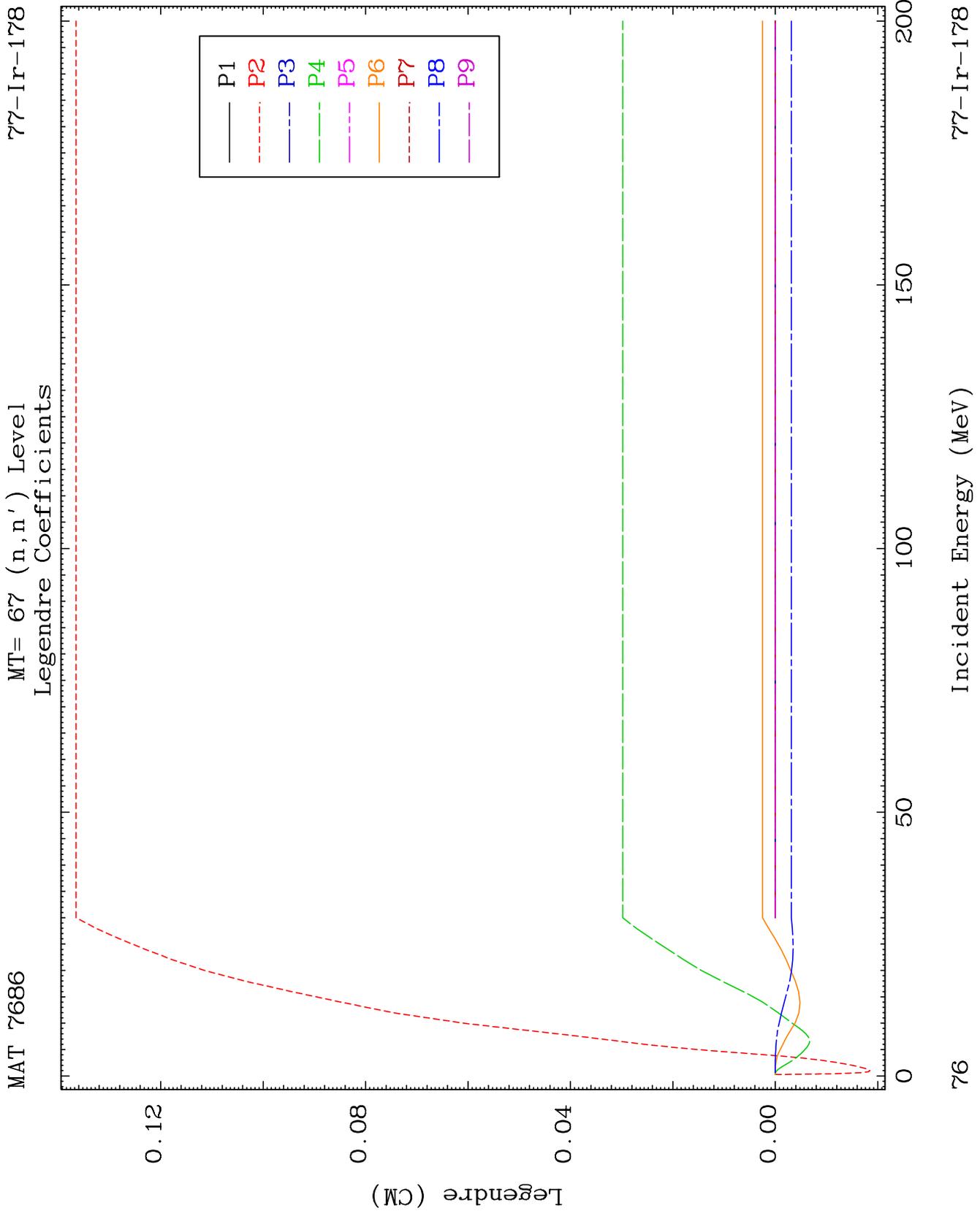
77-Ir-178

MAT 7686

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

77-Ir-178

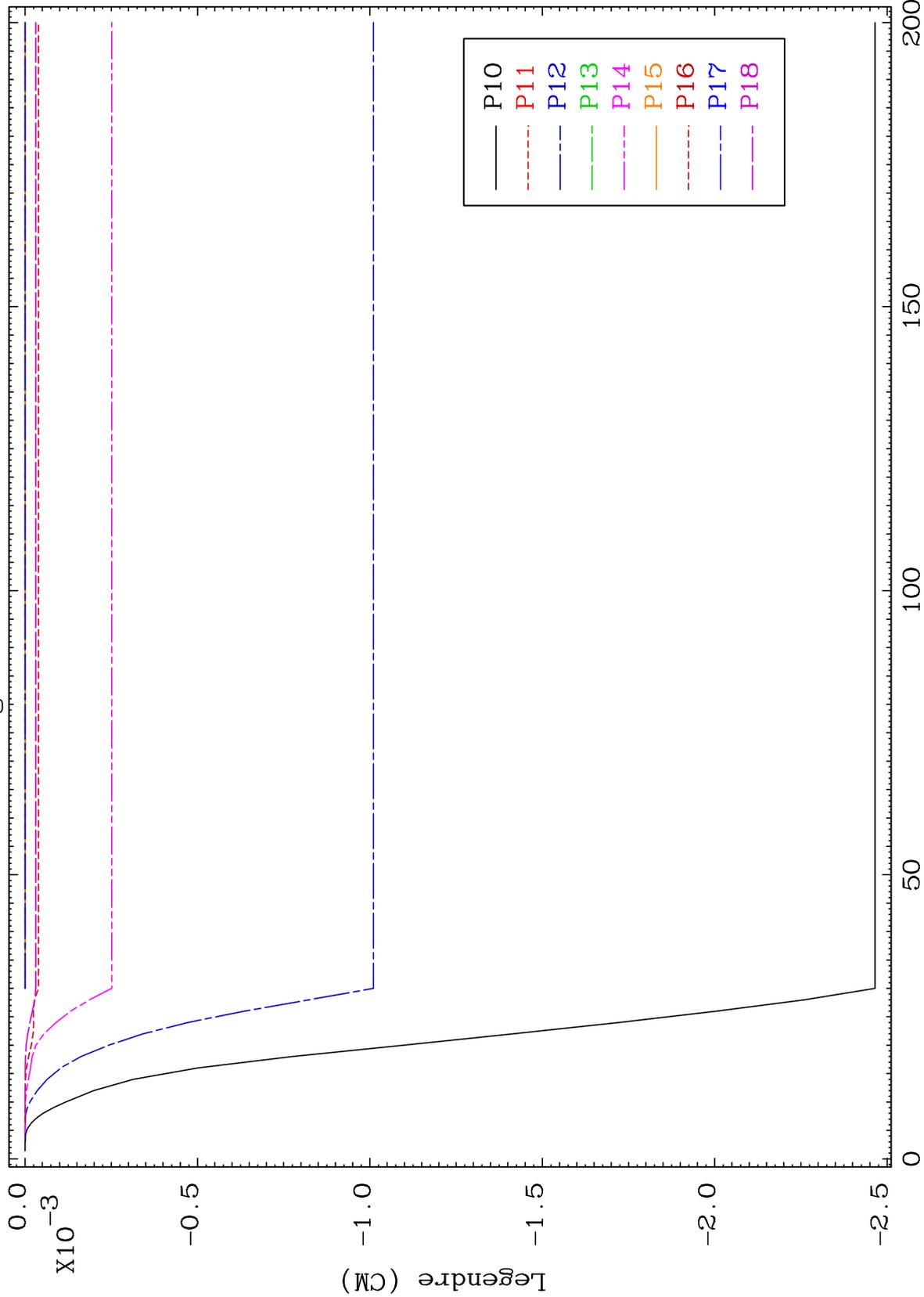




MAT 7686

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

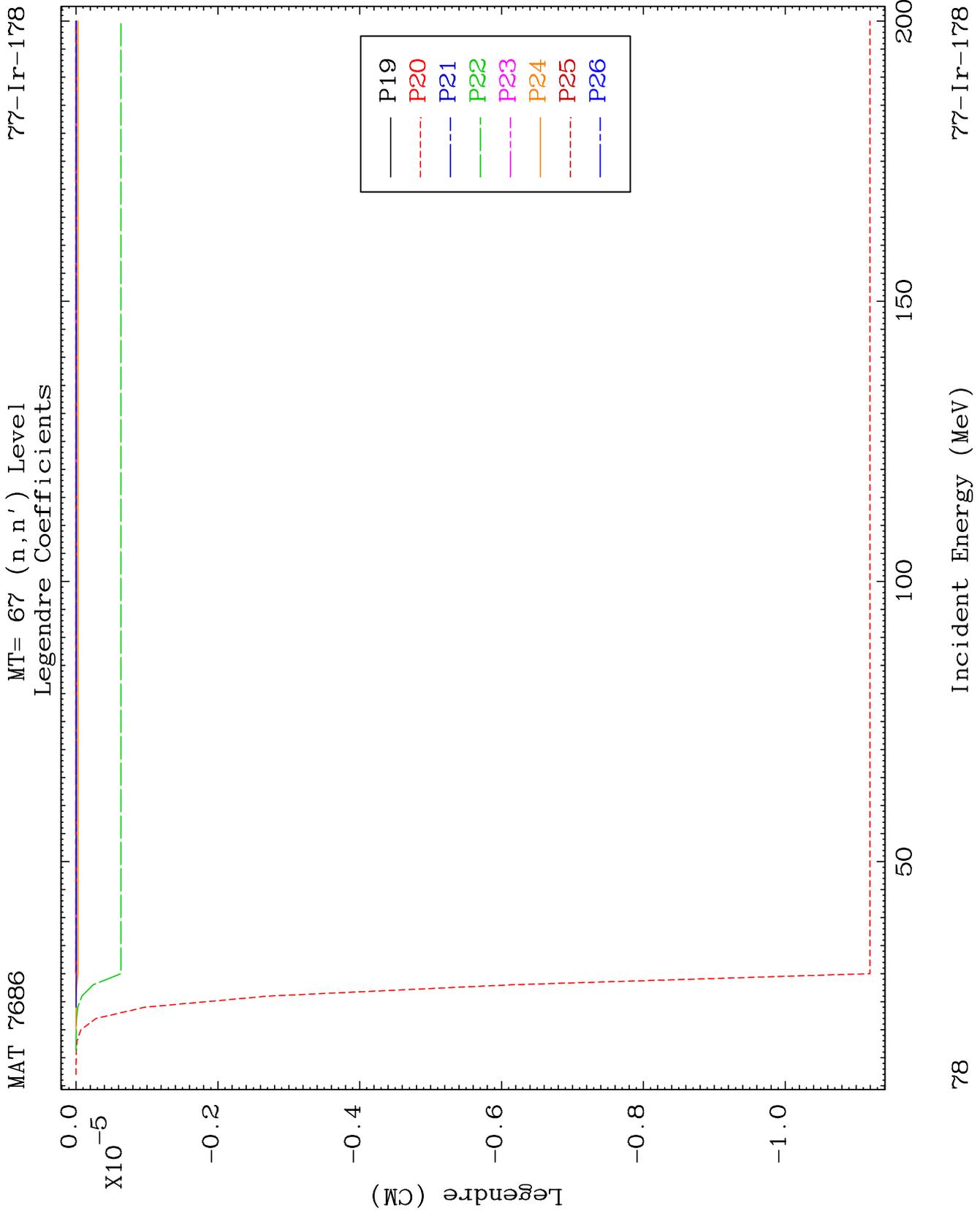
77-Ir-178



77

Incident Energy (MeV)

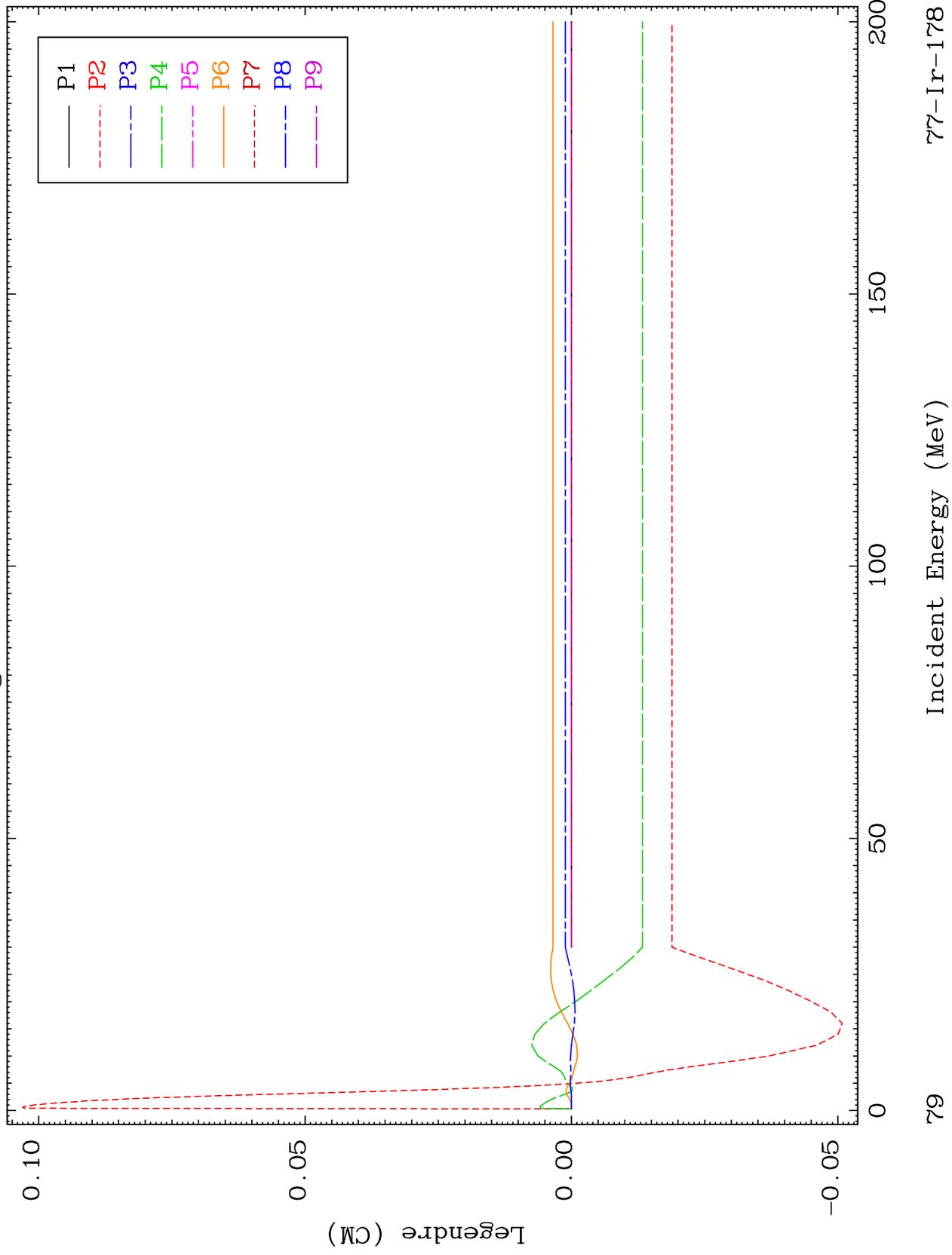
77-Ir-178



MAT 7686

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

77-Ir-178



77-Ir-178

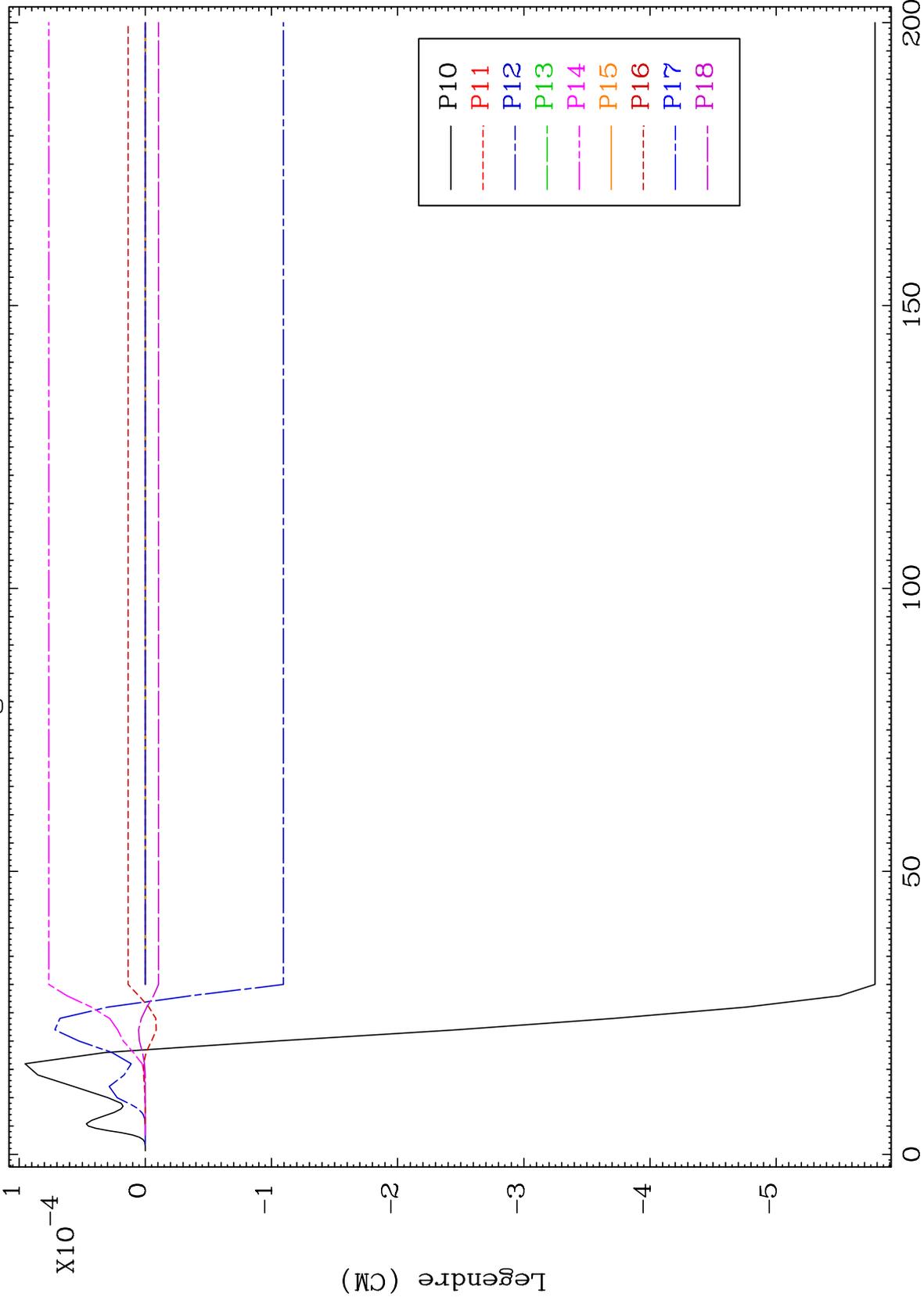
Incident Energy (MeV)

79

MAT 7686

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

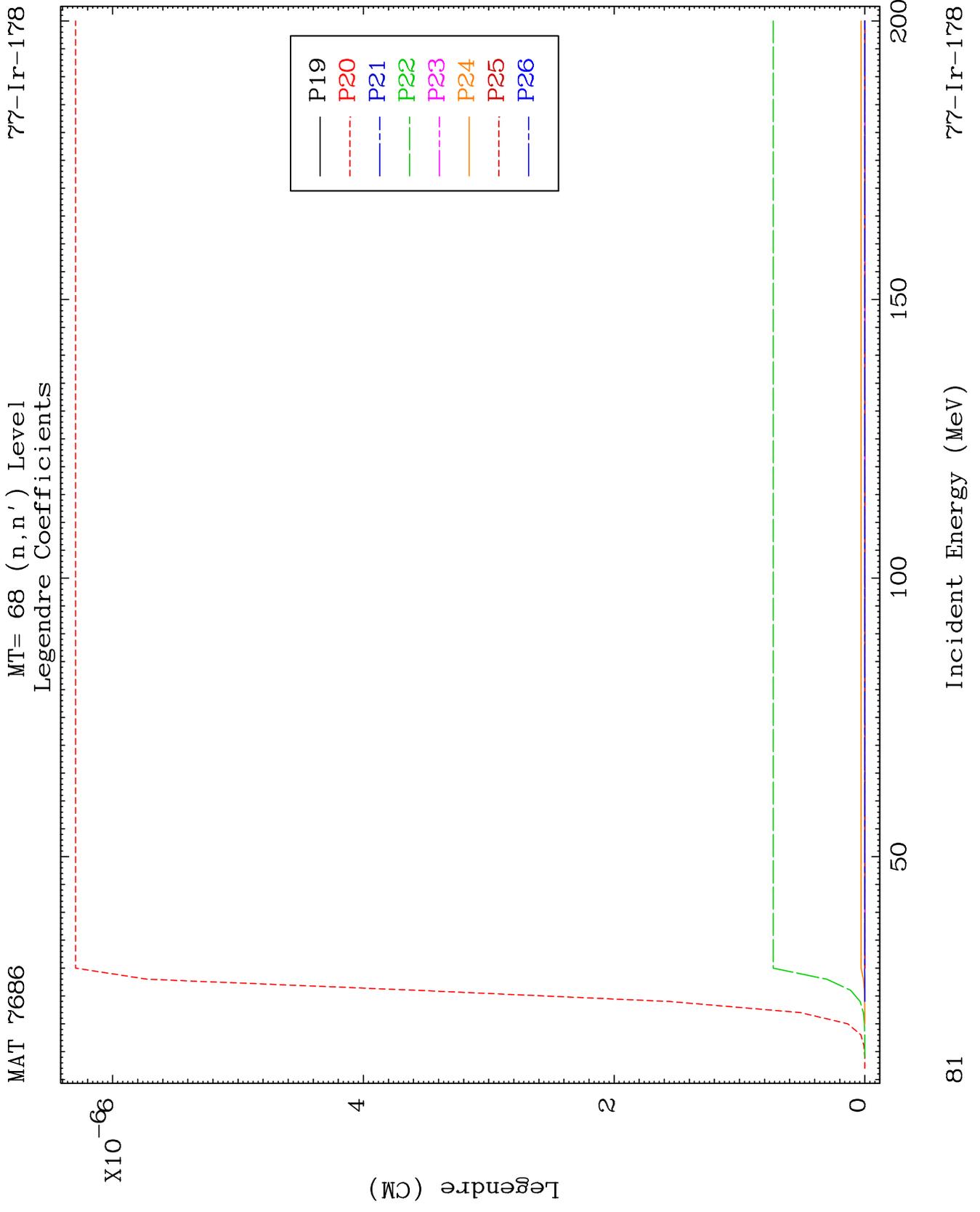
⁷⁷Ir-178



80

Incident Energy (MeV)

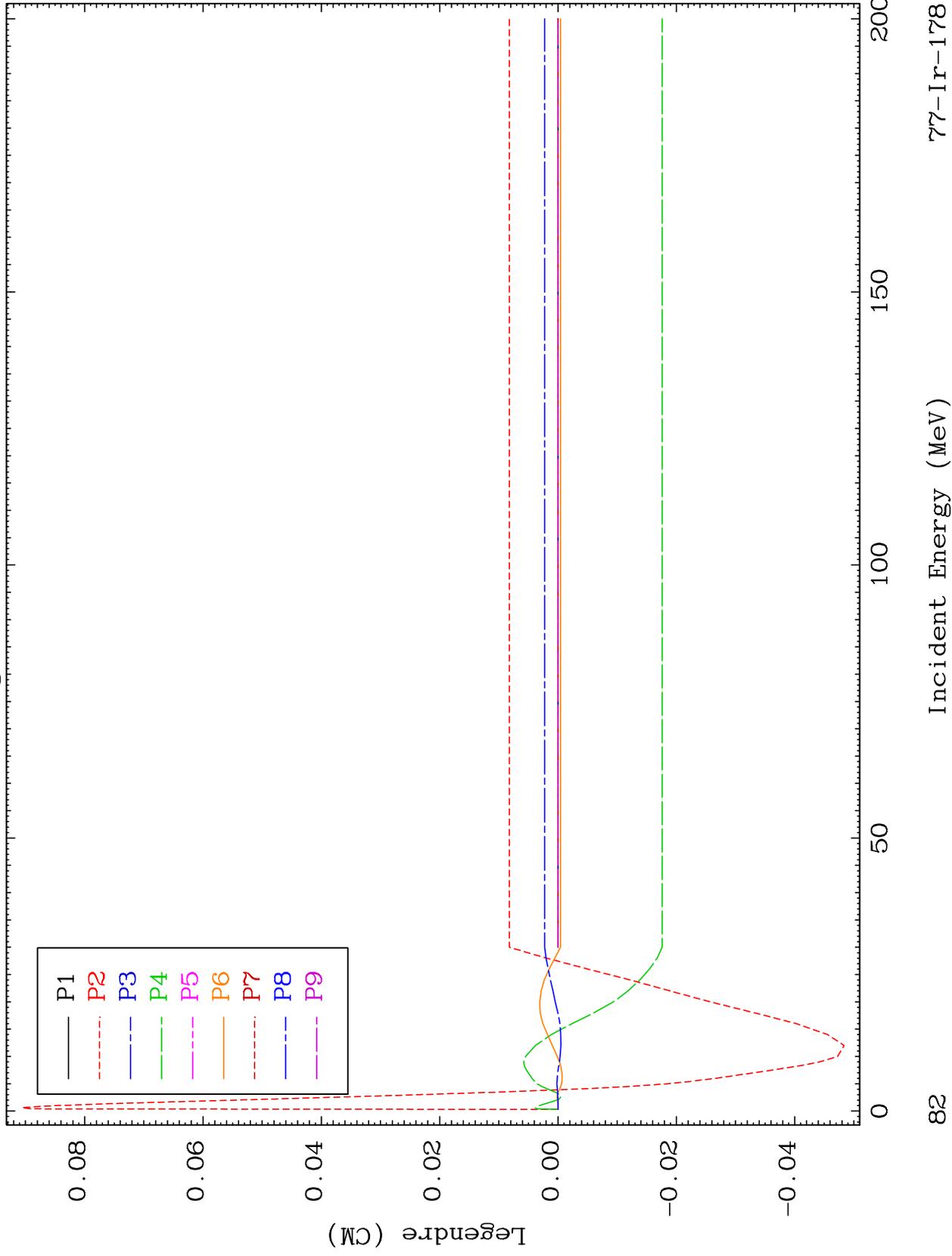
⁷⁷Ir-178



MAT 7686

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

⁷⁷Ir-178



82

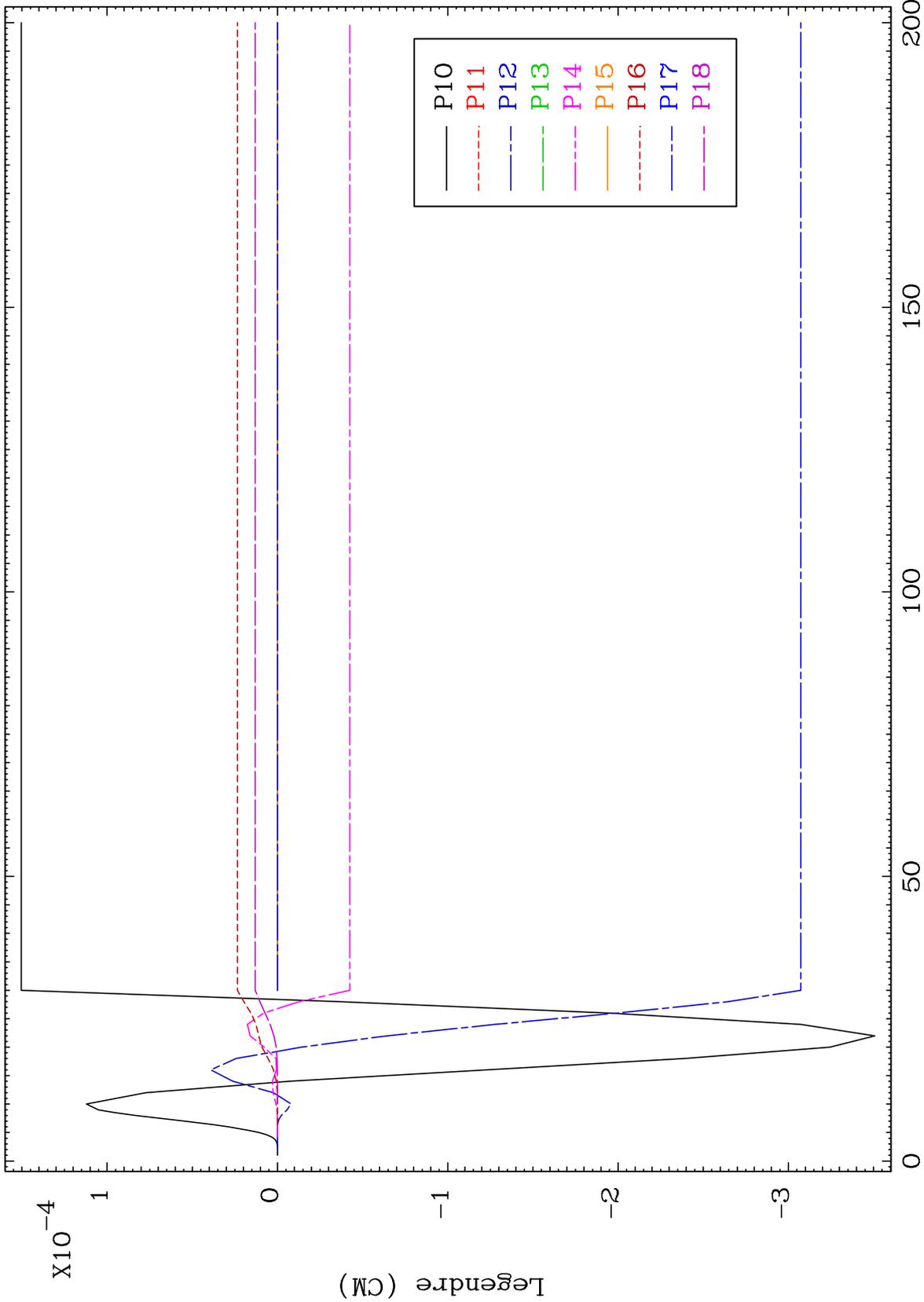
Incident Energy (MeV)

⁷⁷Ir-178

MAT 7686

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

77-Ir-178



83

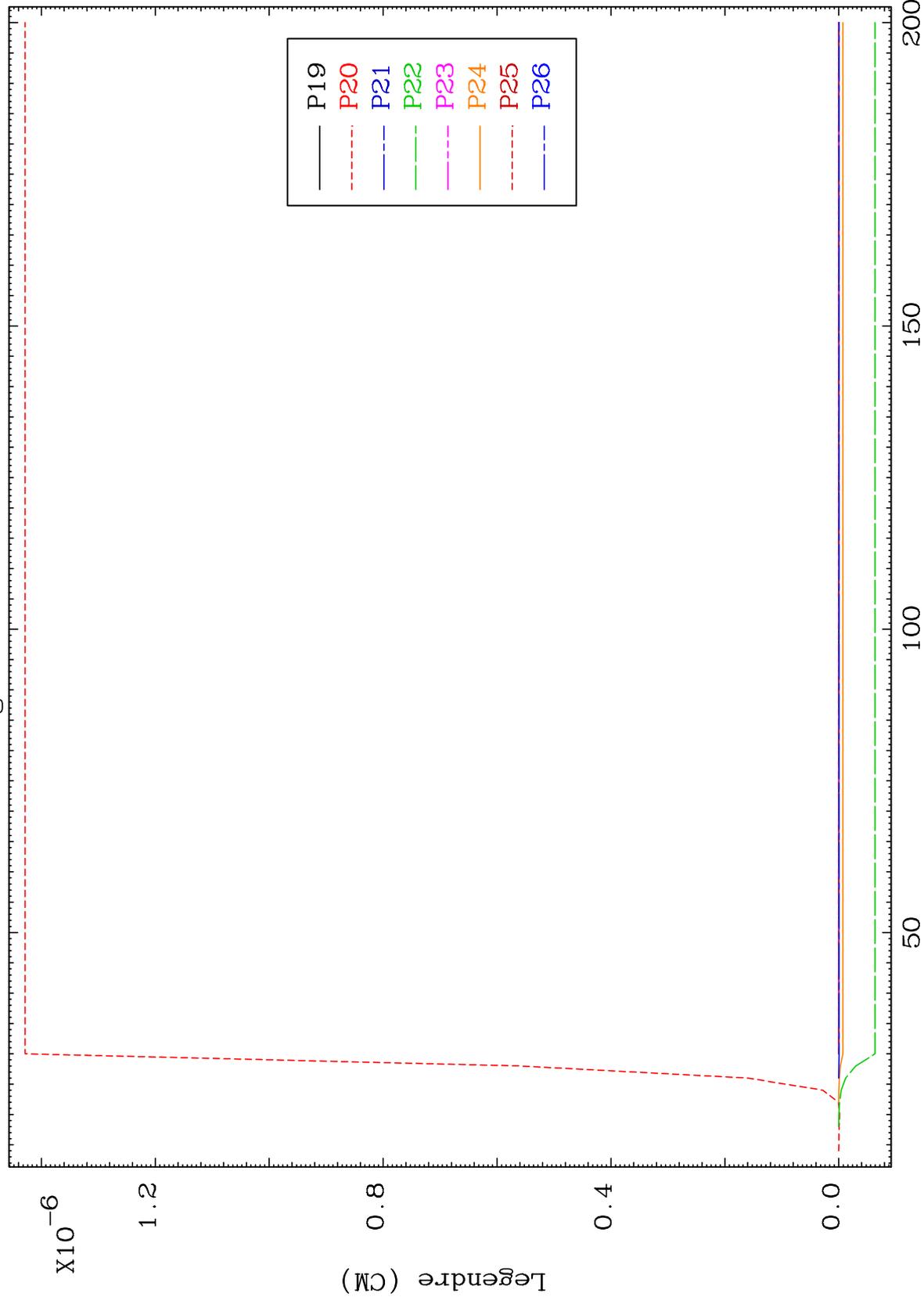
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



84

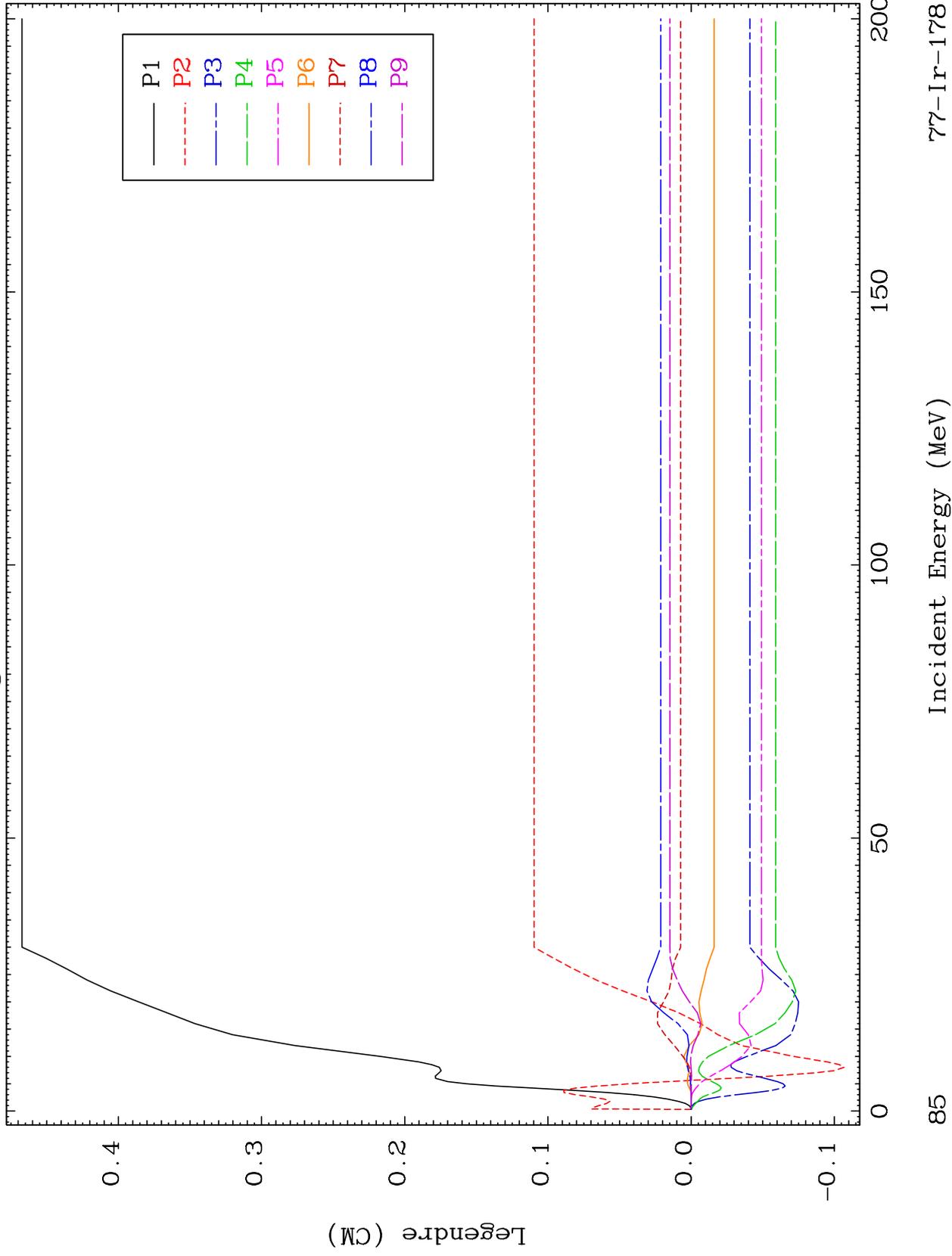
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

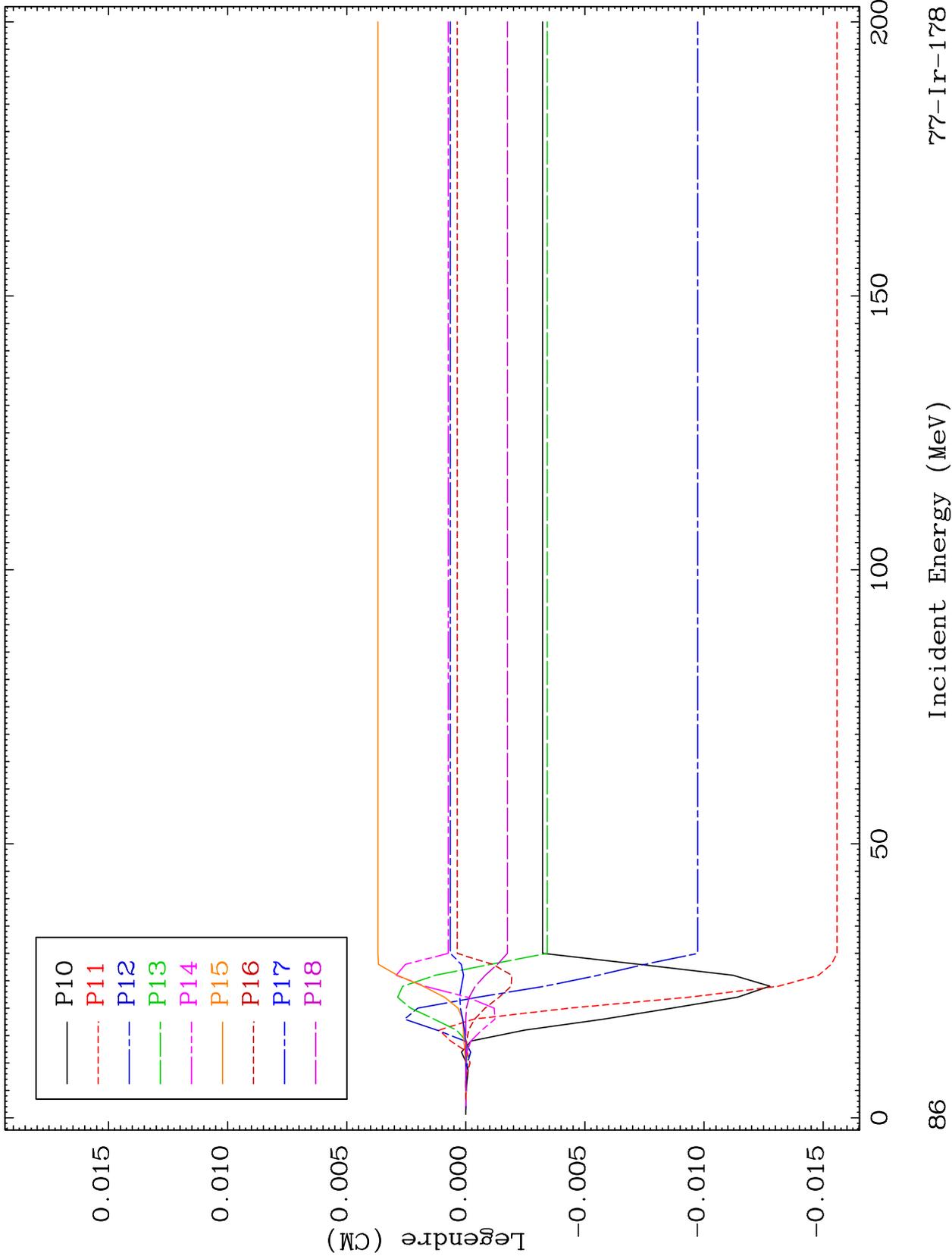
77-Ir-178

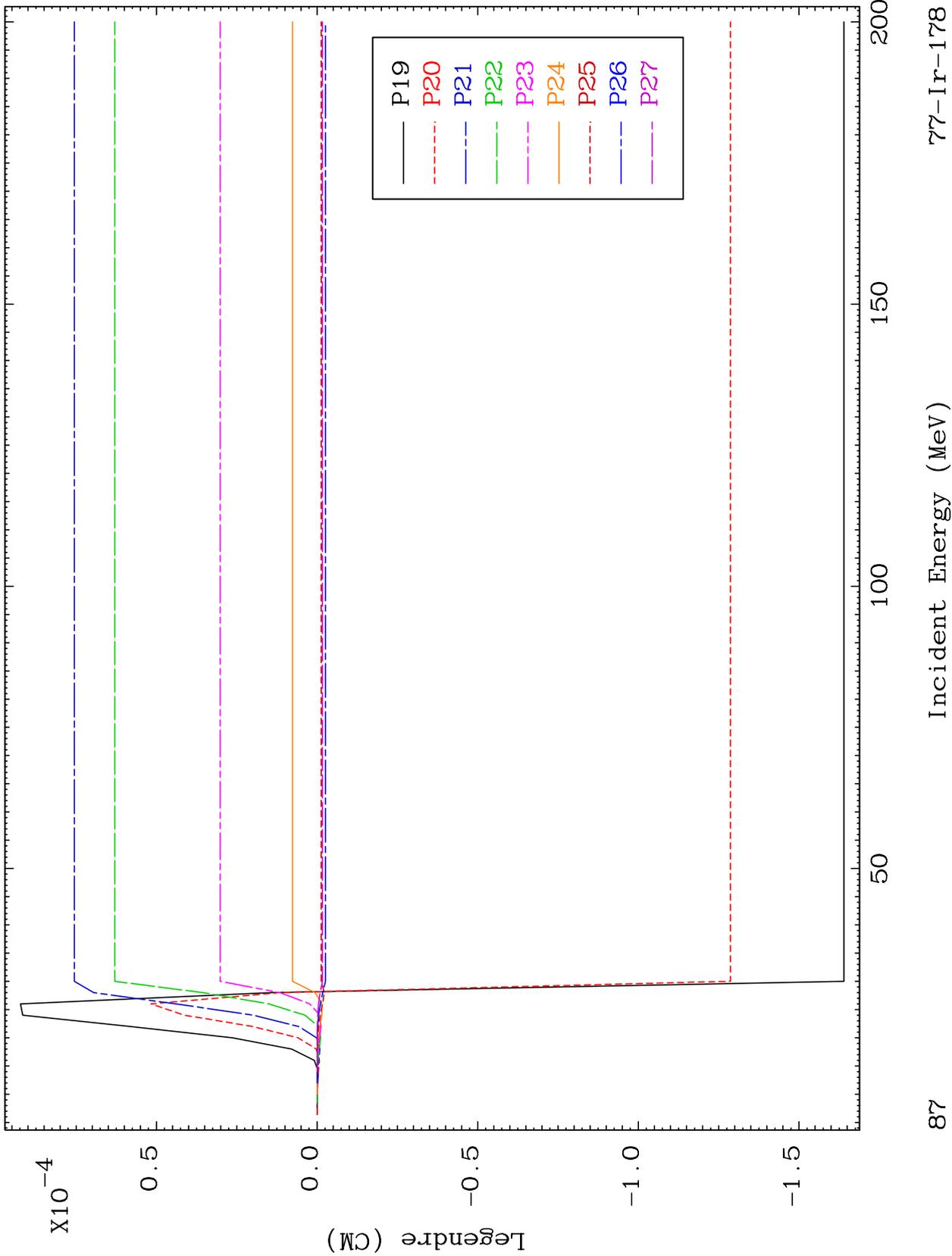


77-Ir-178

Incident Energy (MeV)

85

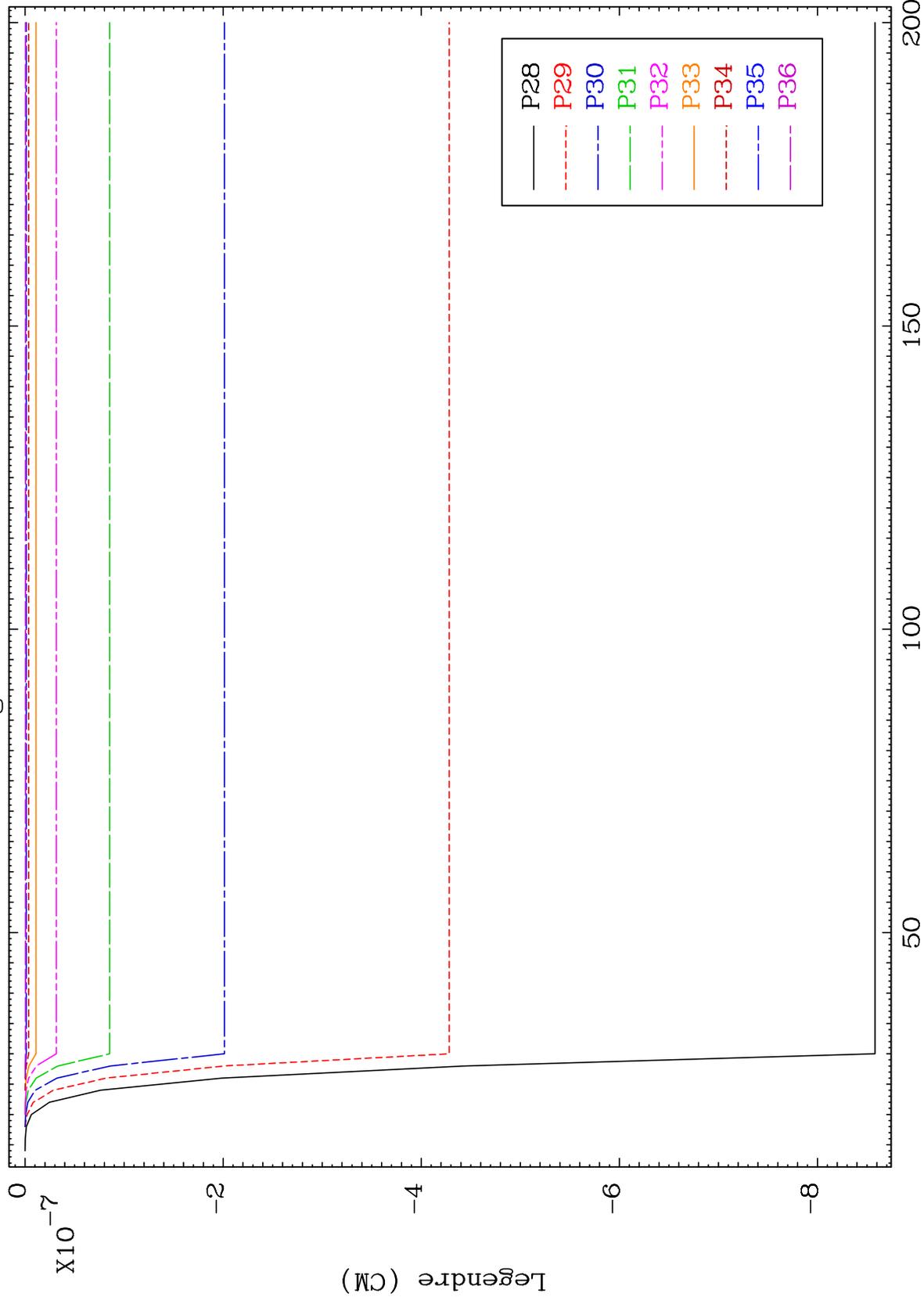




MAT 7686

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

77-Ir-178



88

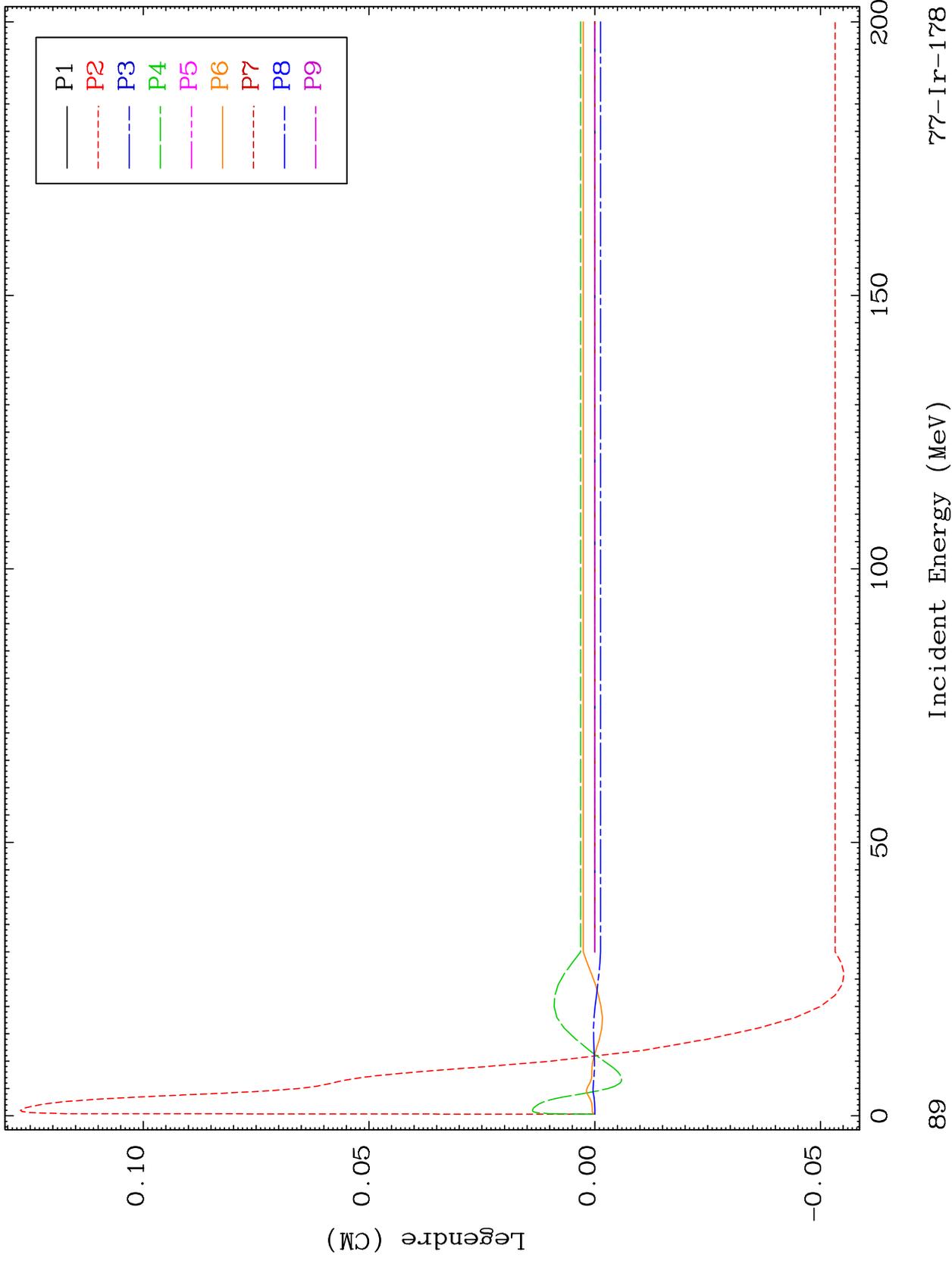
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

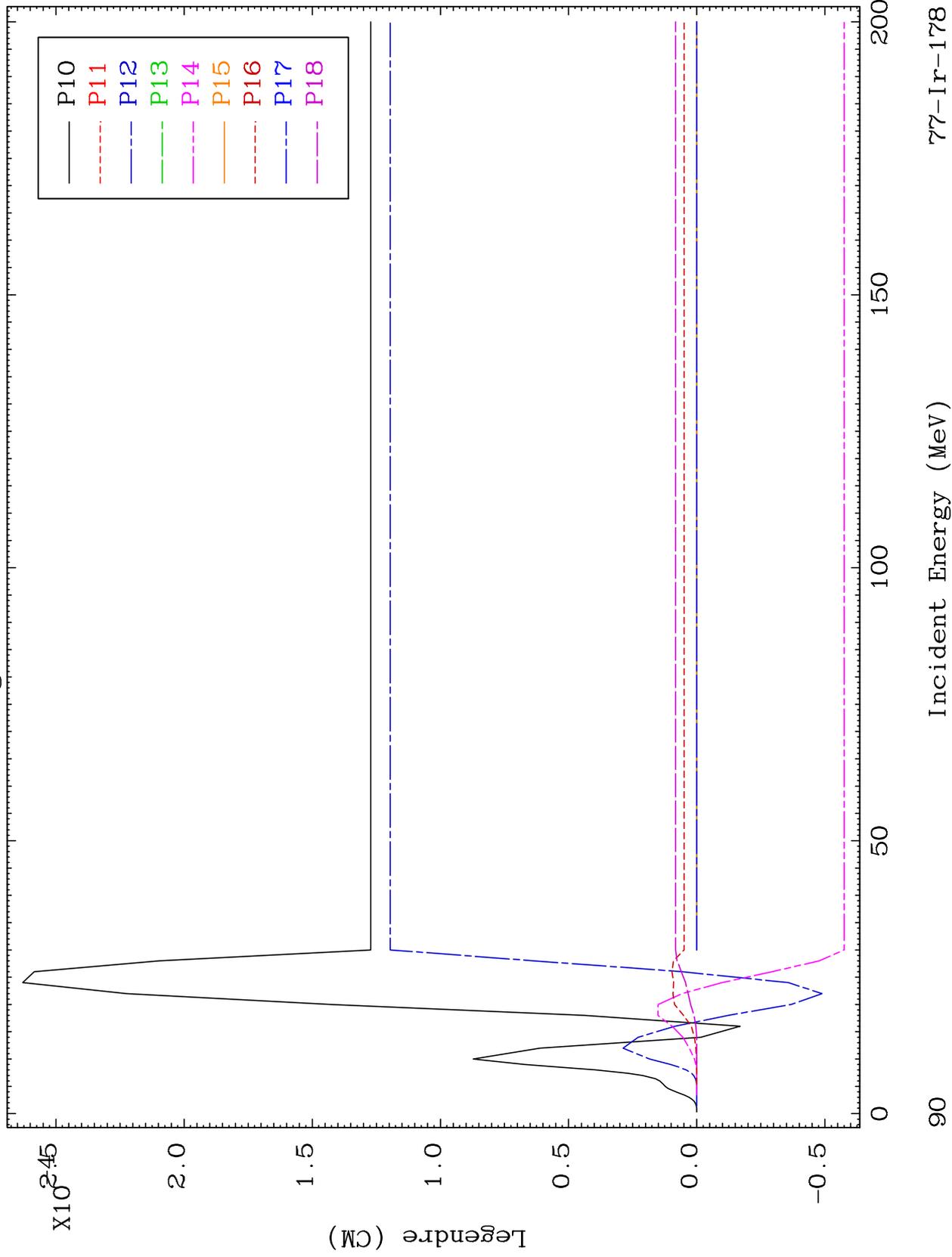
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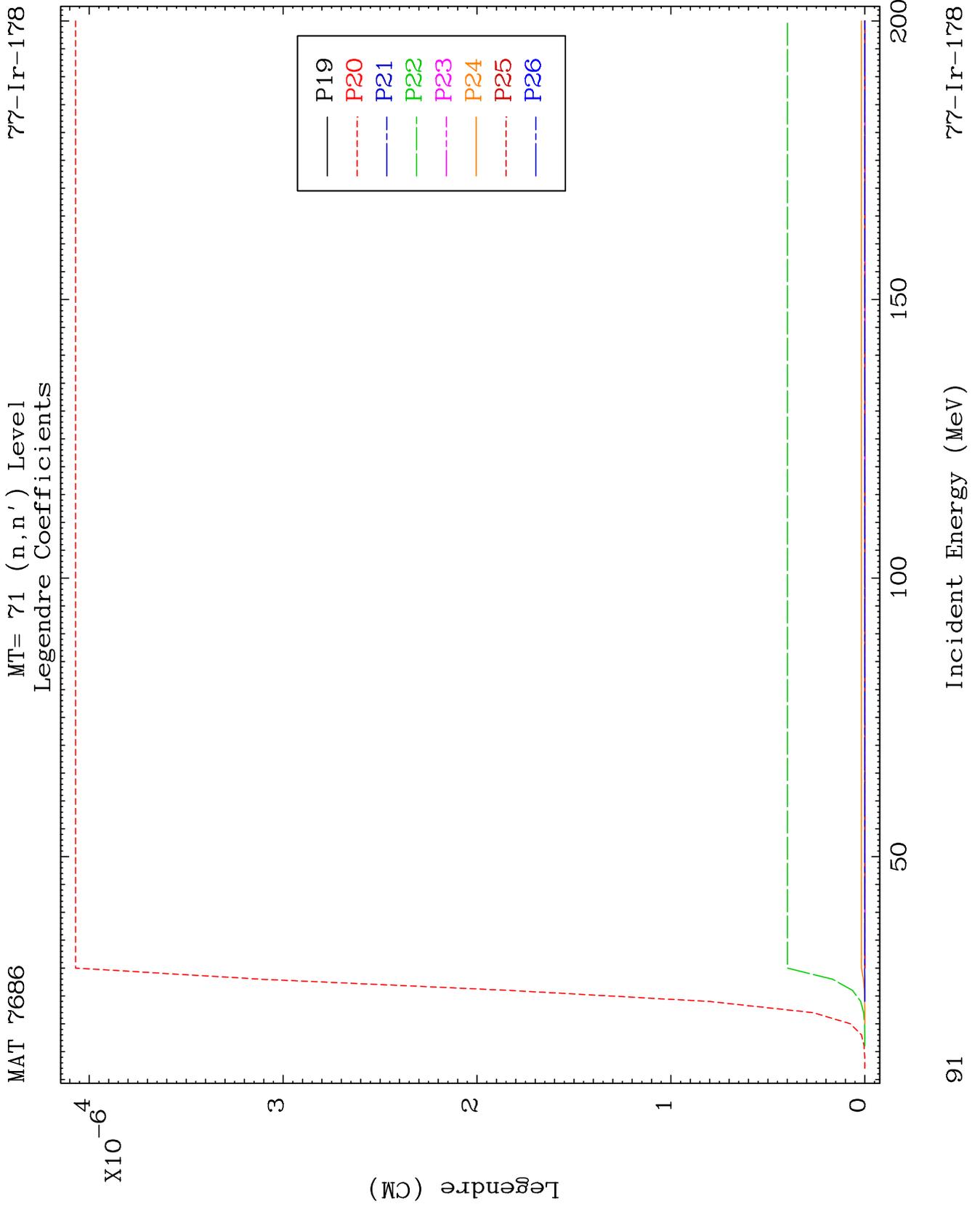


MAT 7686

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

77-Ir-178

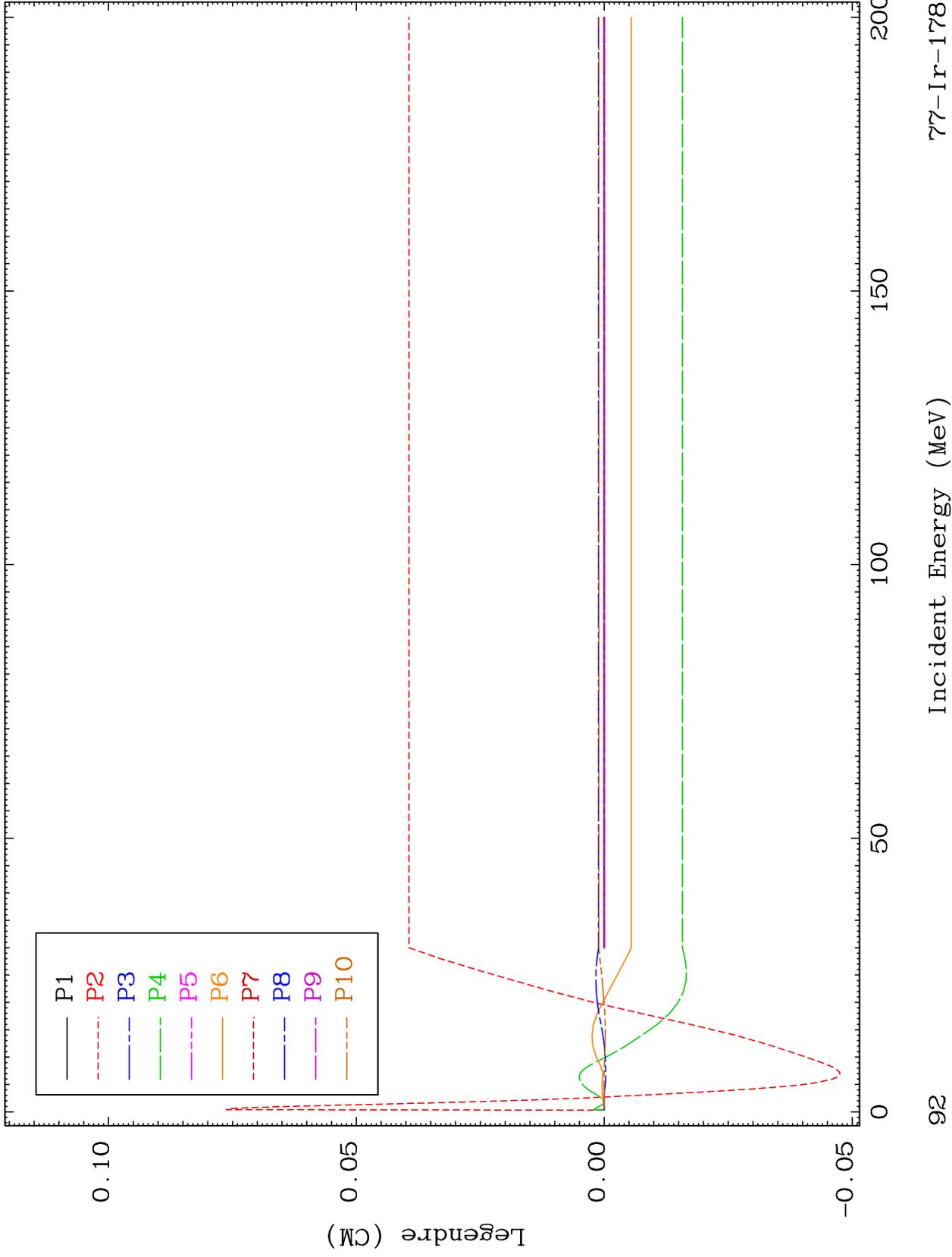




MAT 7686

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

77-Ir-178



77-Ir-178

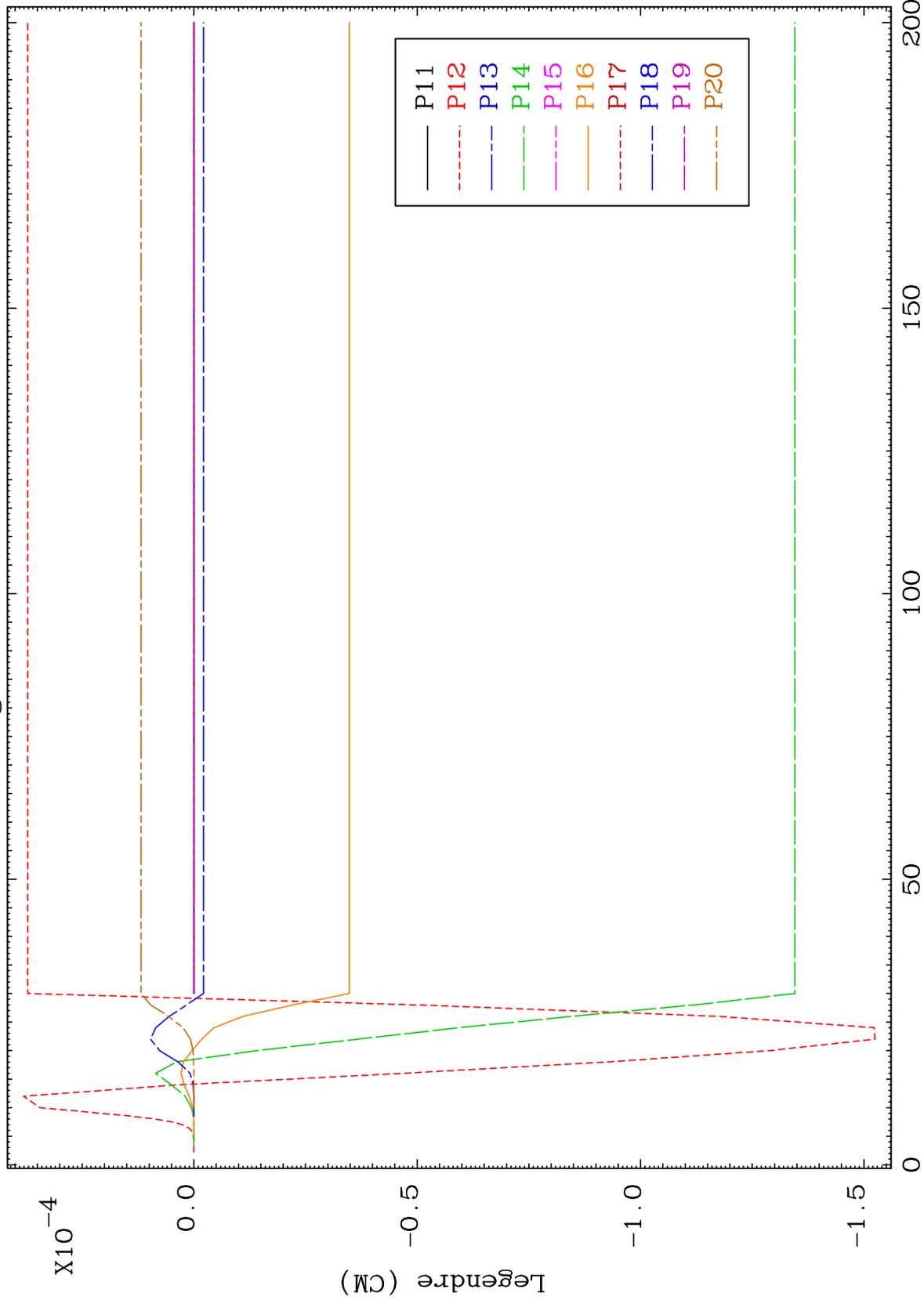
Incident Energy (MeV)

92

MAT 7686

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

77-Ir-178



93

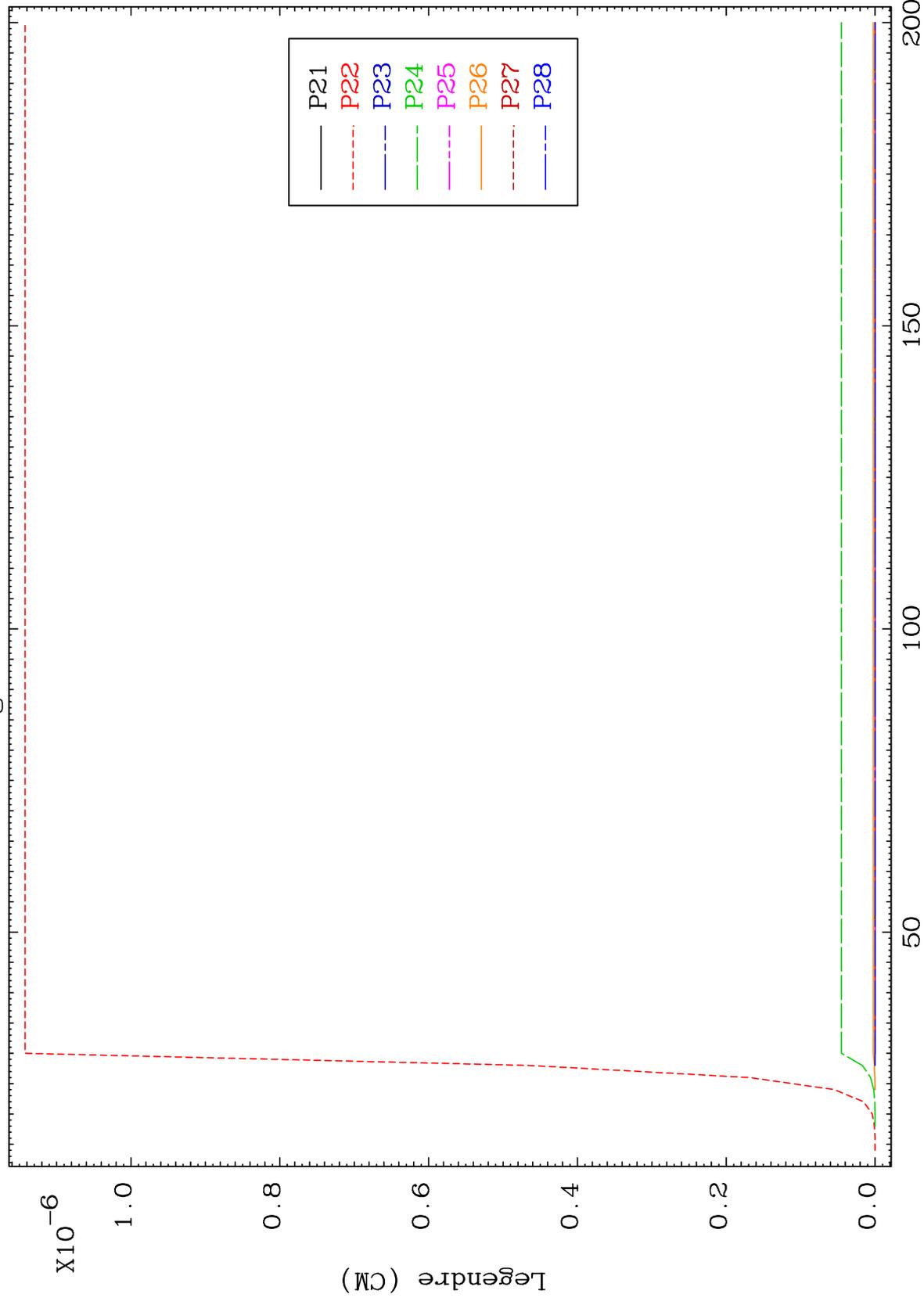
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



94

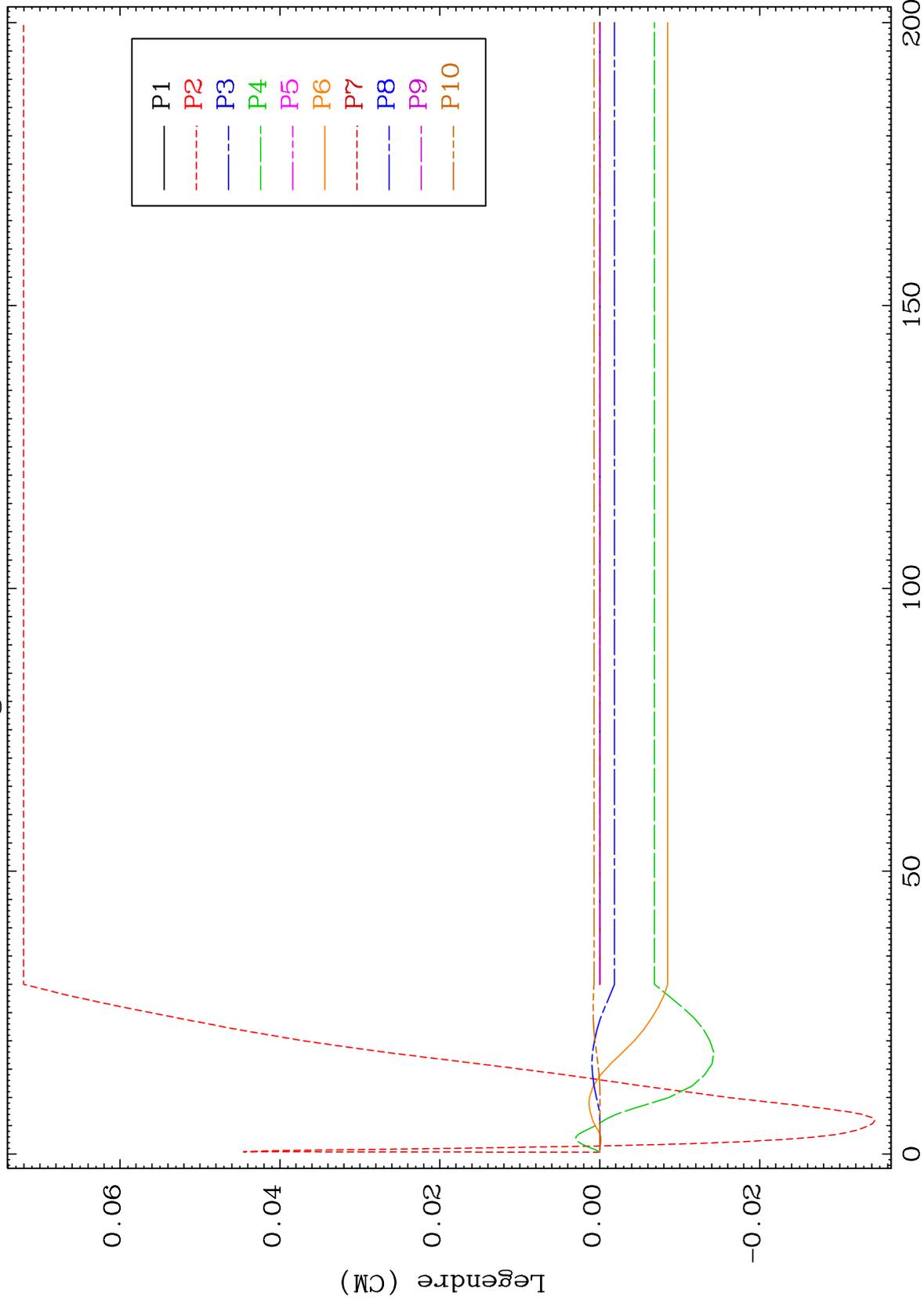
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



77-Ir-178

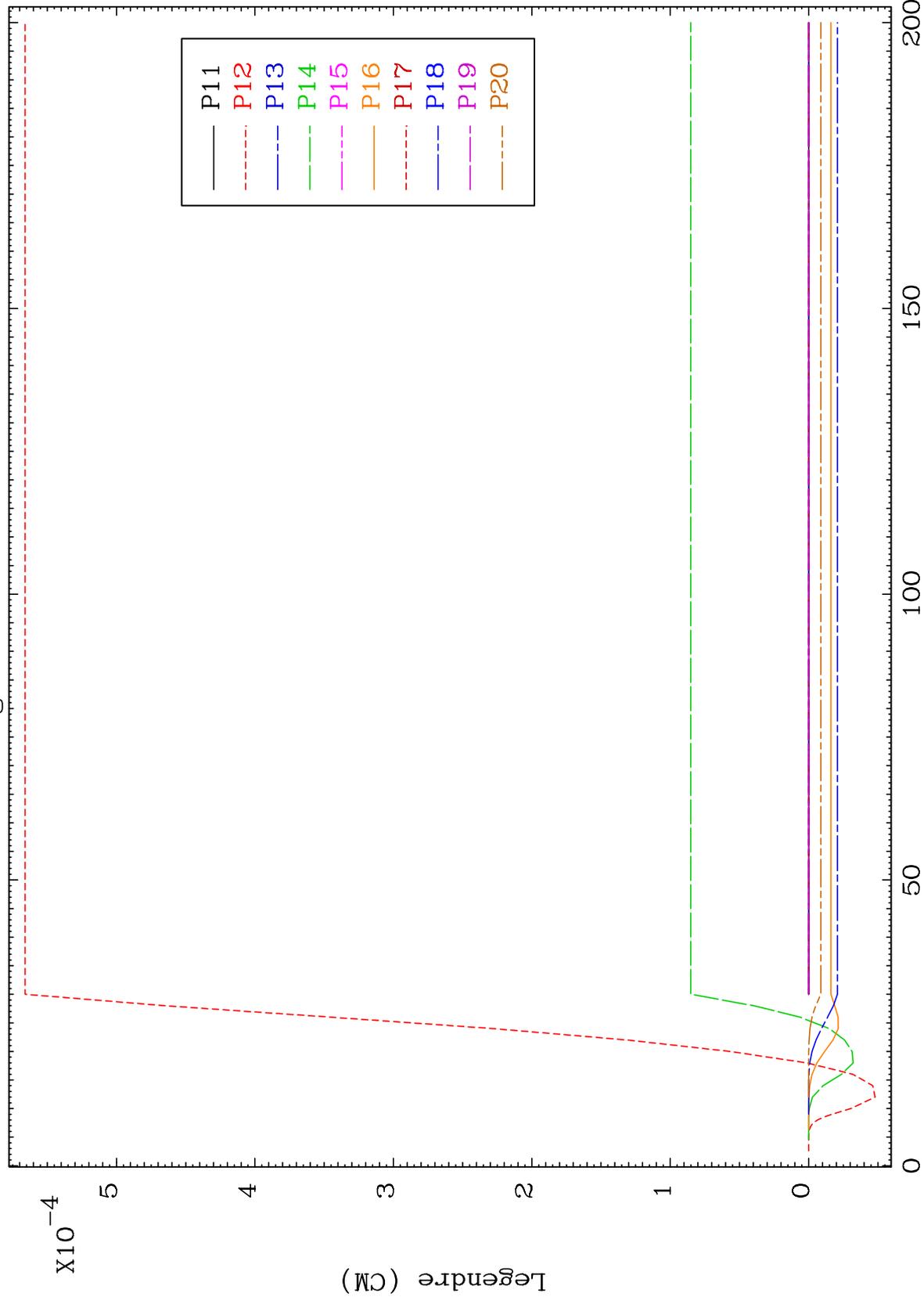
Incident Energy (MeV)

95

MAT 7686

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

77-Ir-178



96

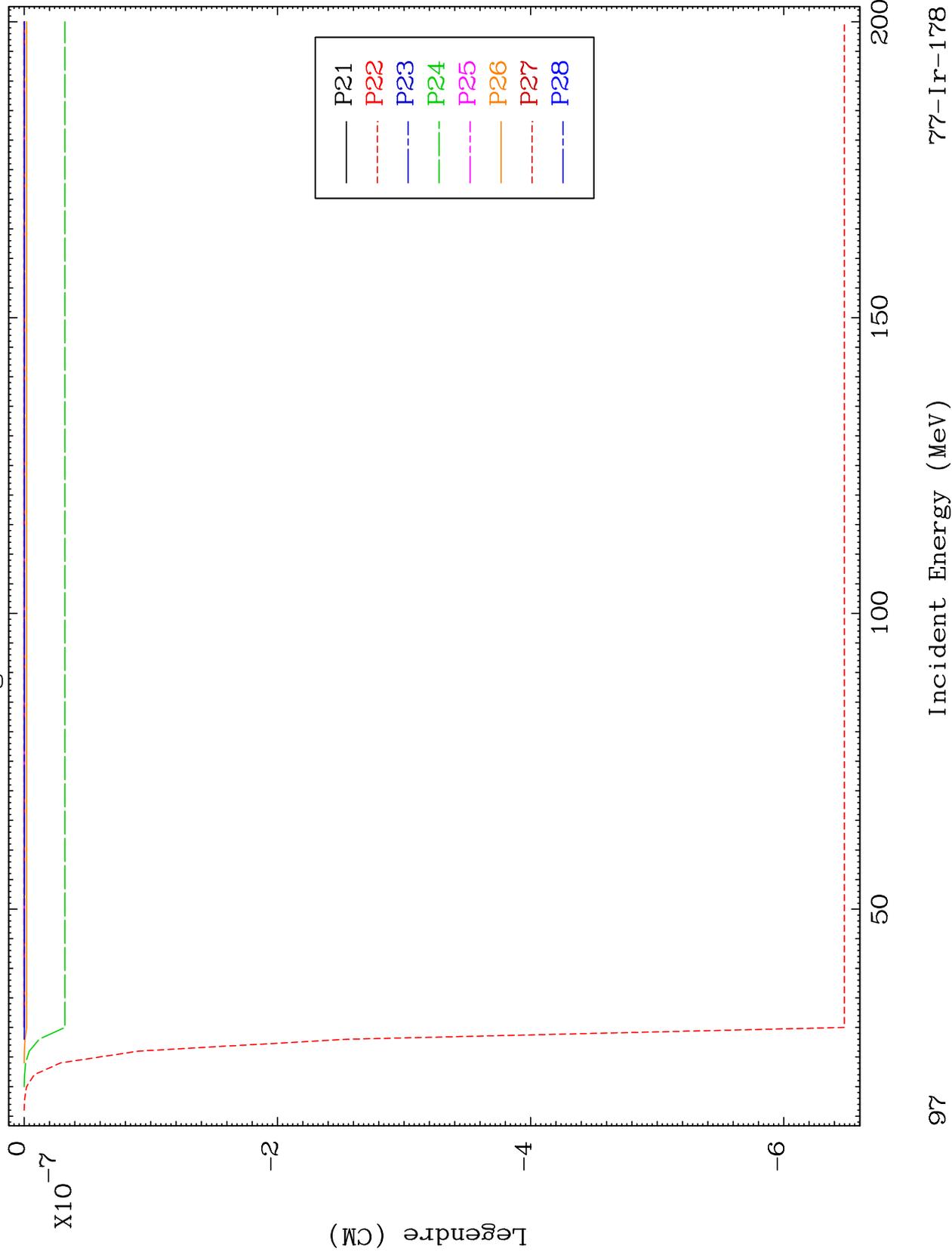
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



97

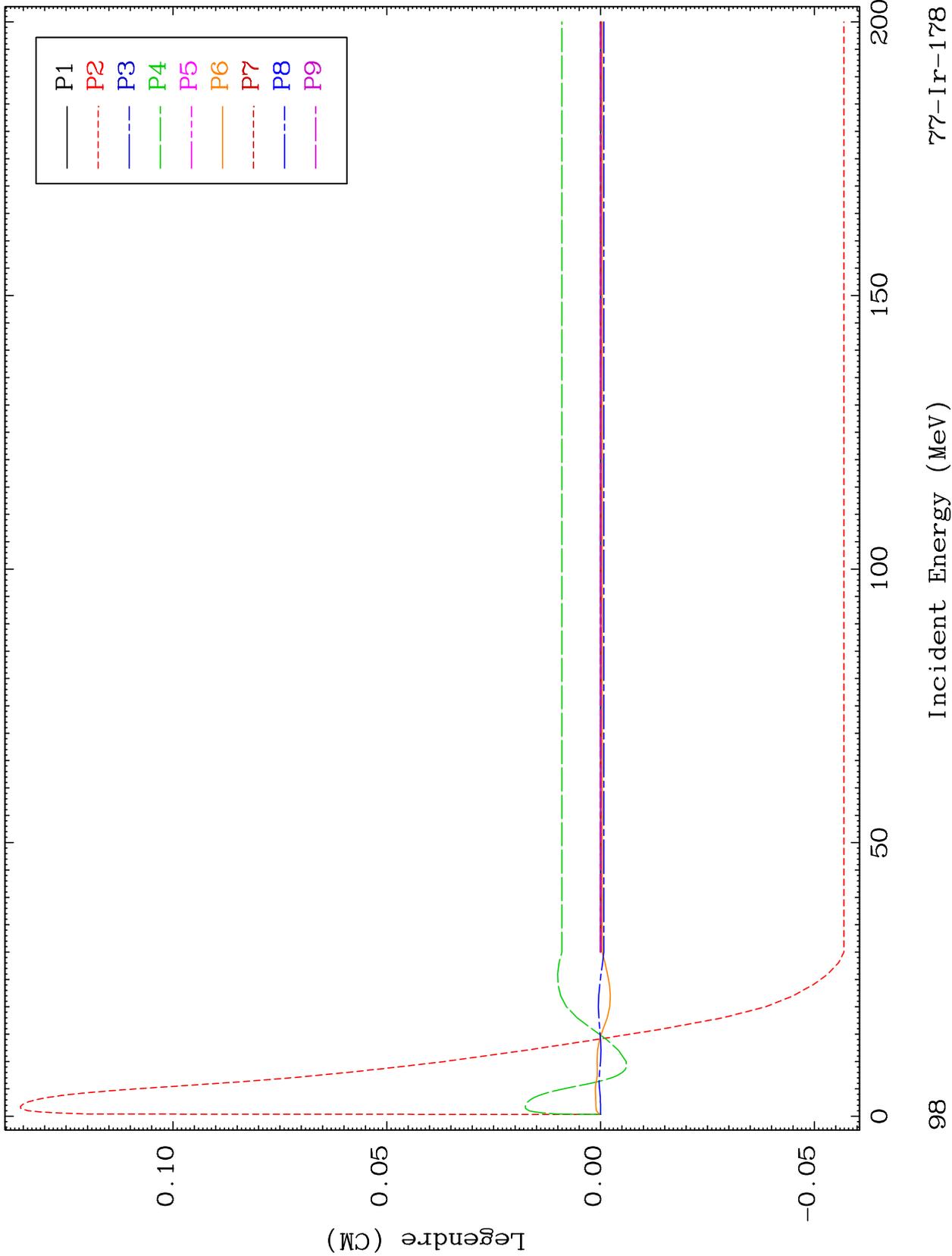
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

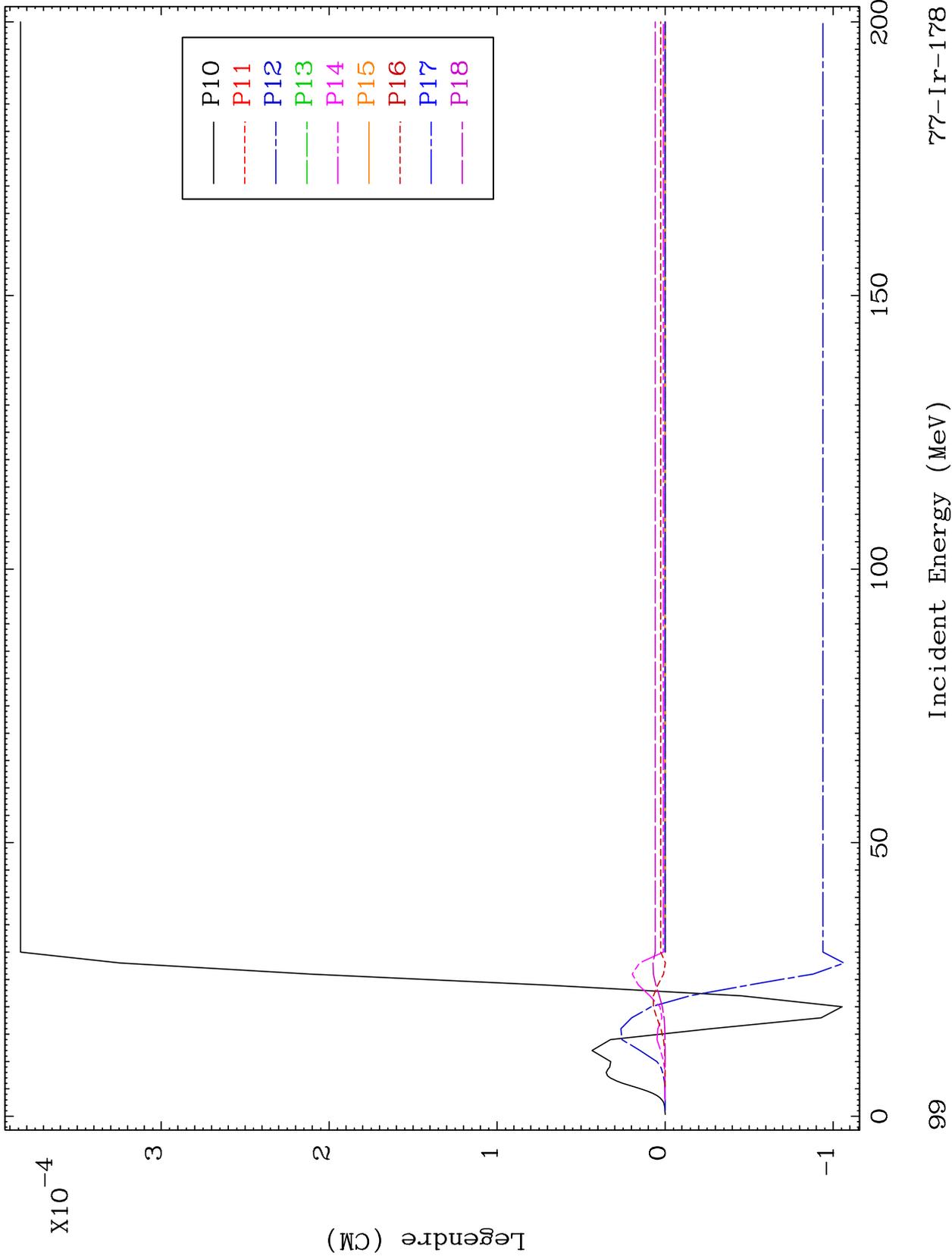
77-Ir-178

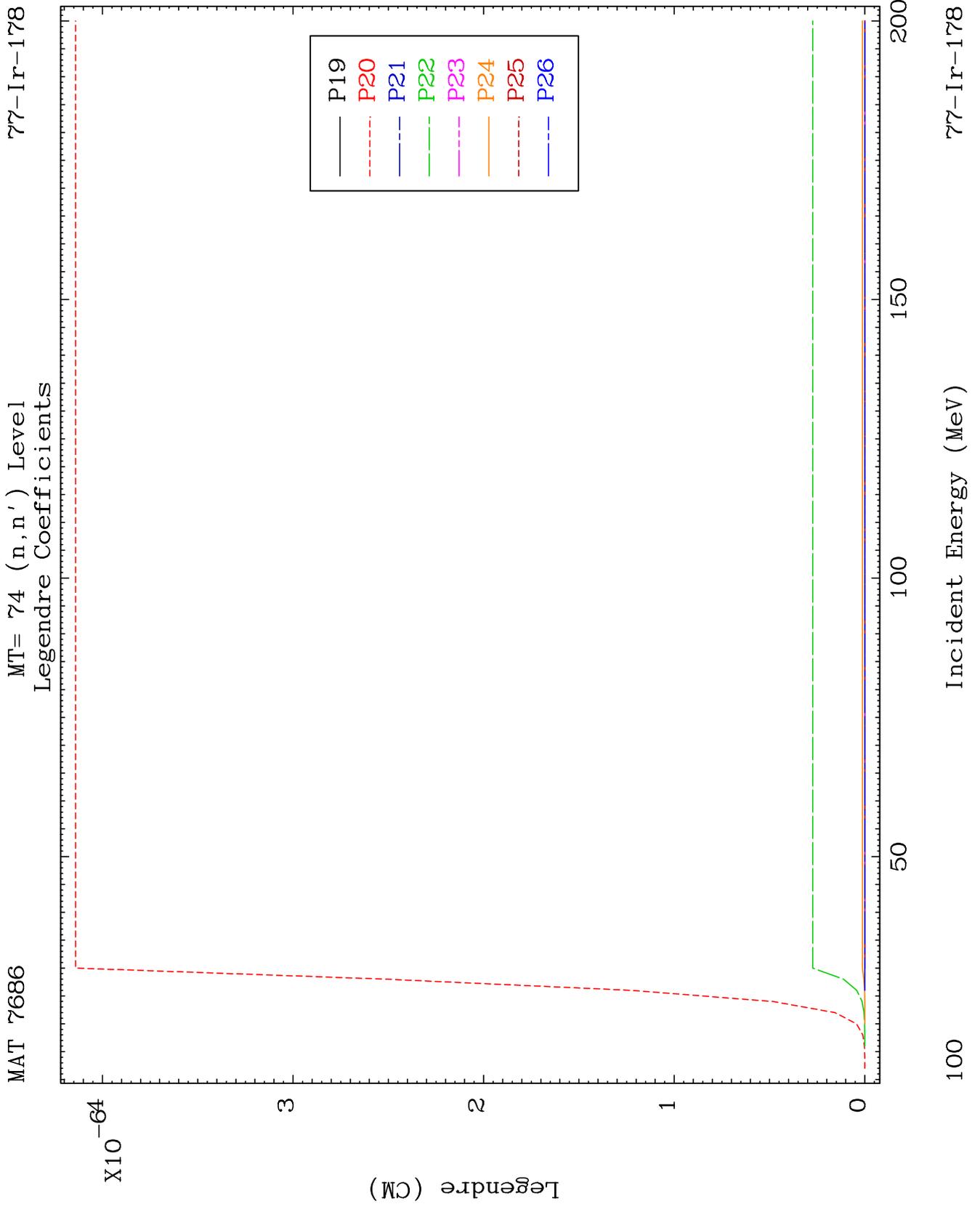


MAT 7686

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

77-Ir-178

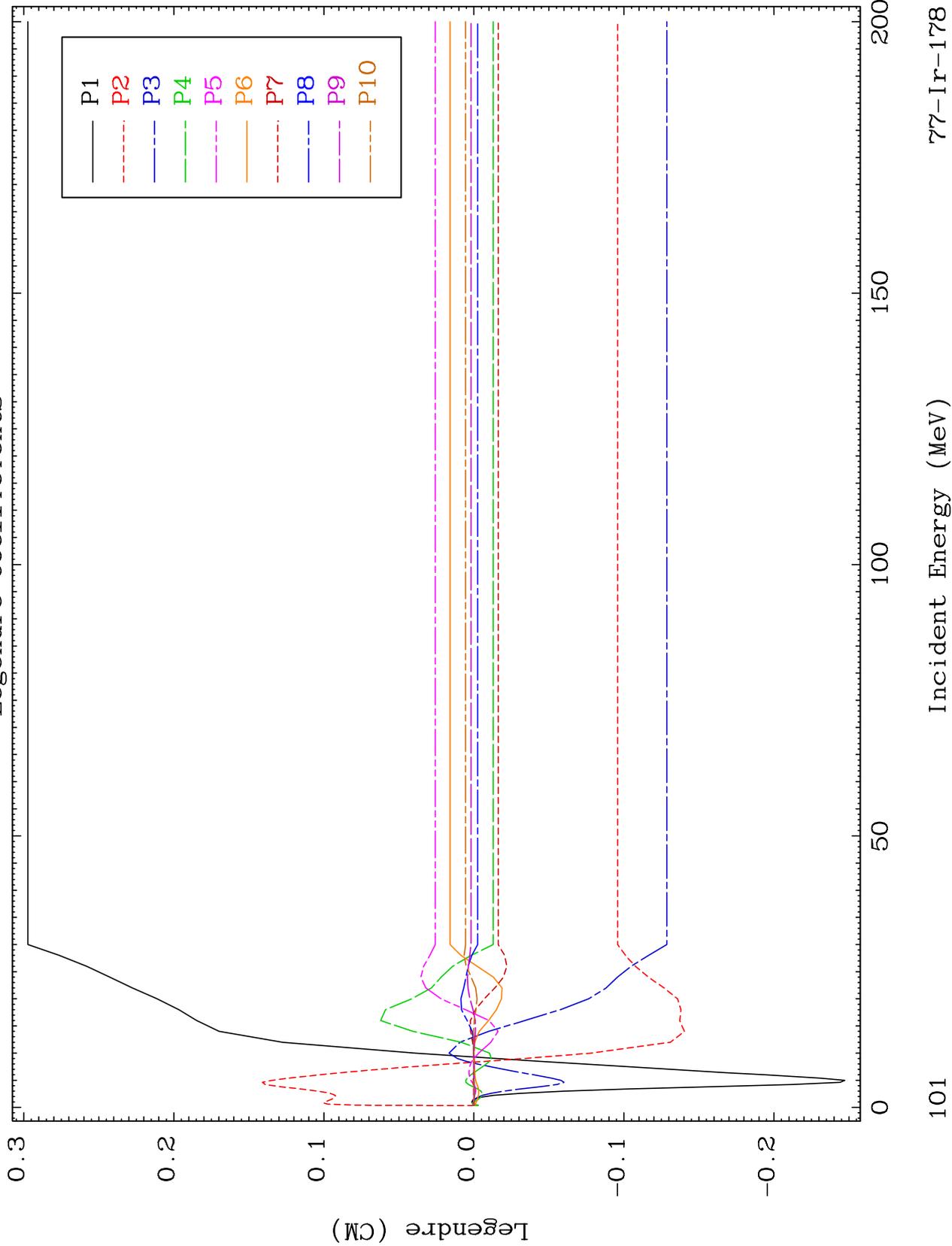




MAT 7686

MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

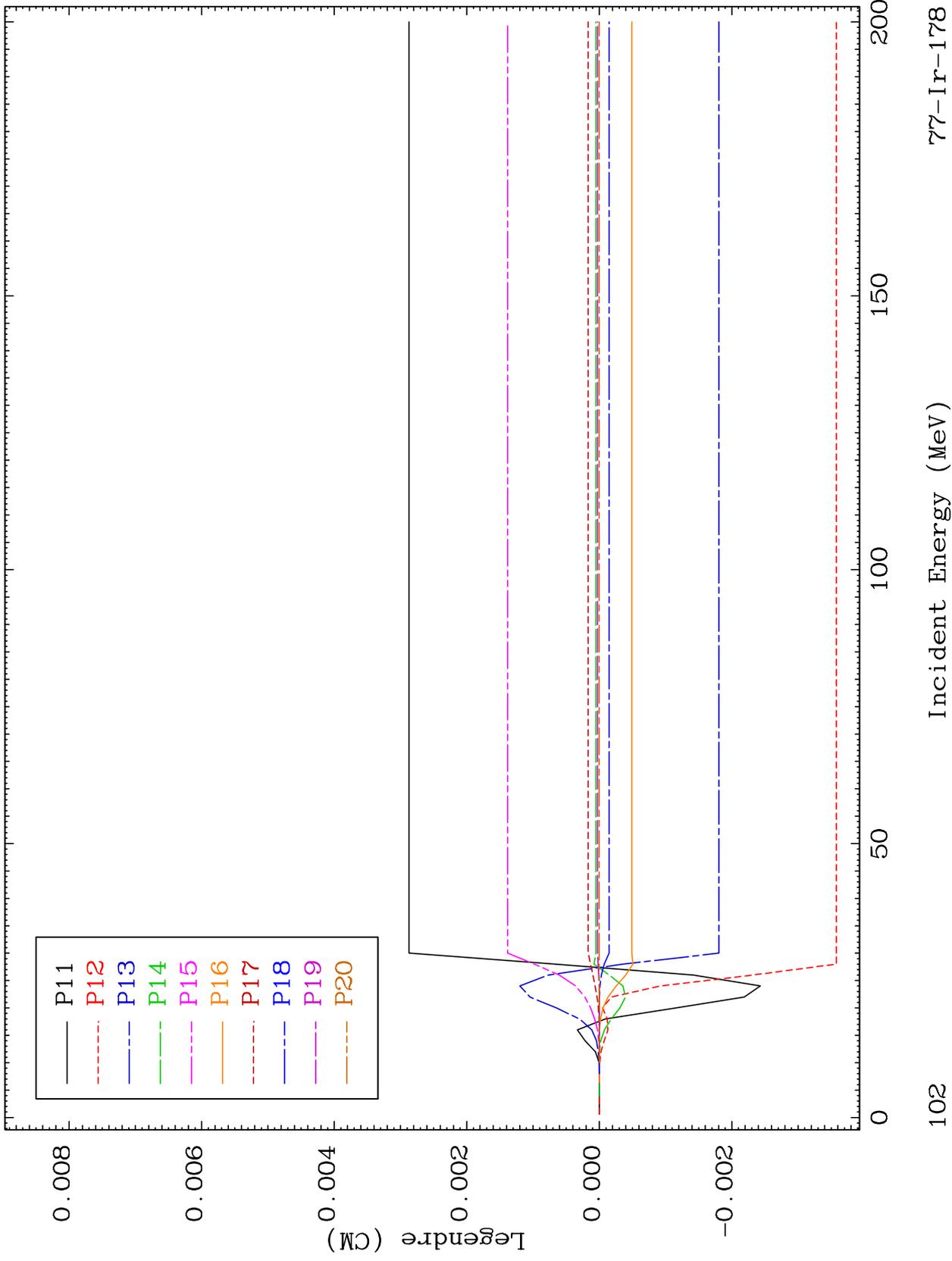
Incident Energy (MeV)

101

MAT 7686

MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-178



102

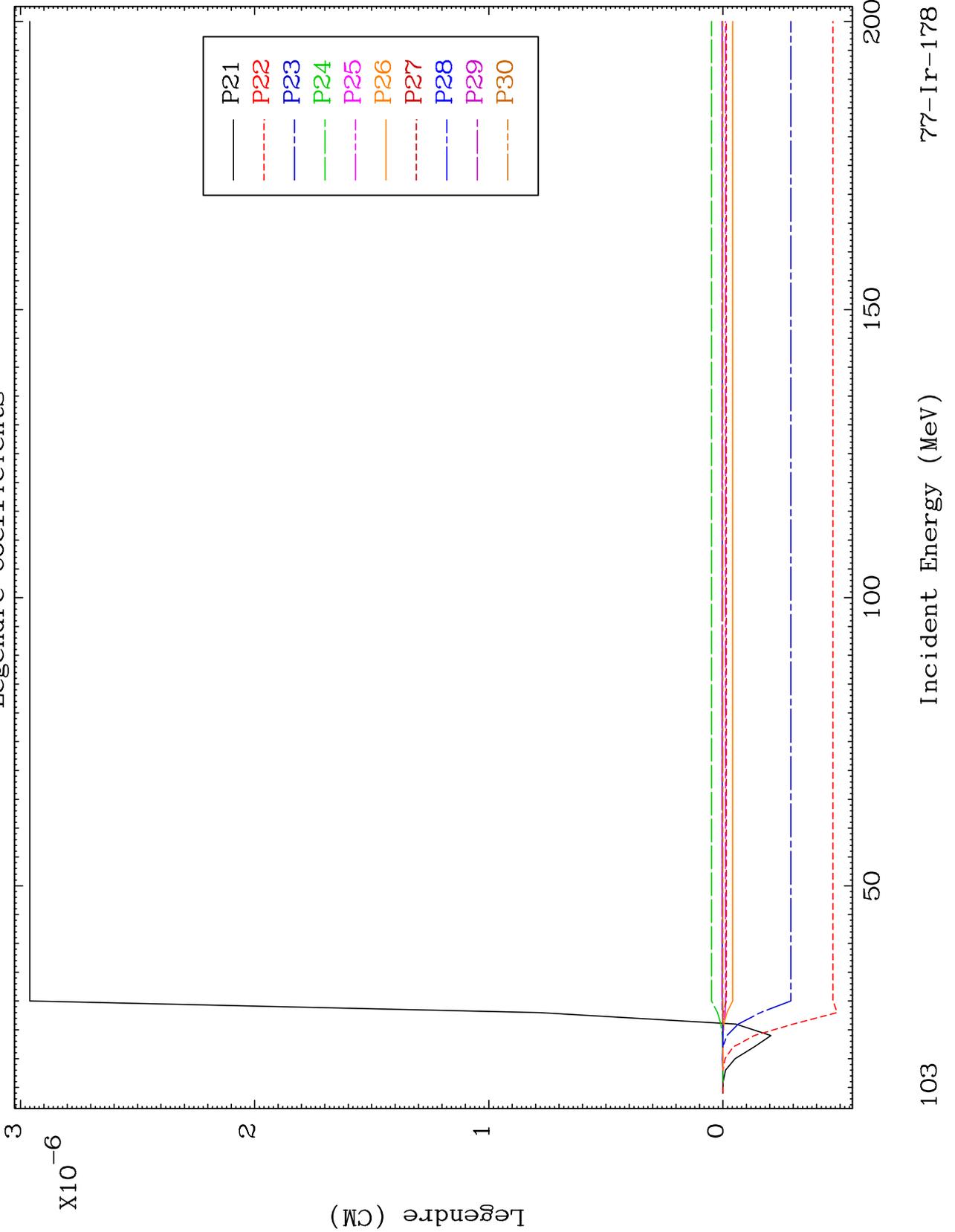
Incident Energy (MeV)

77-Ir-178

MAT 7686

MT= 75 (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

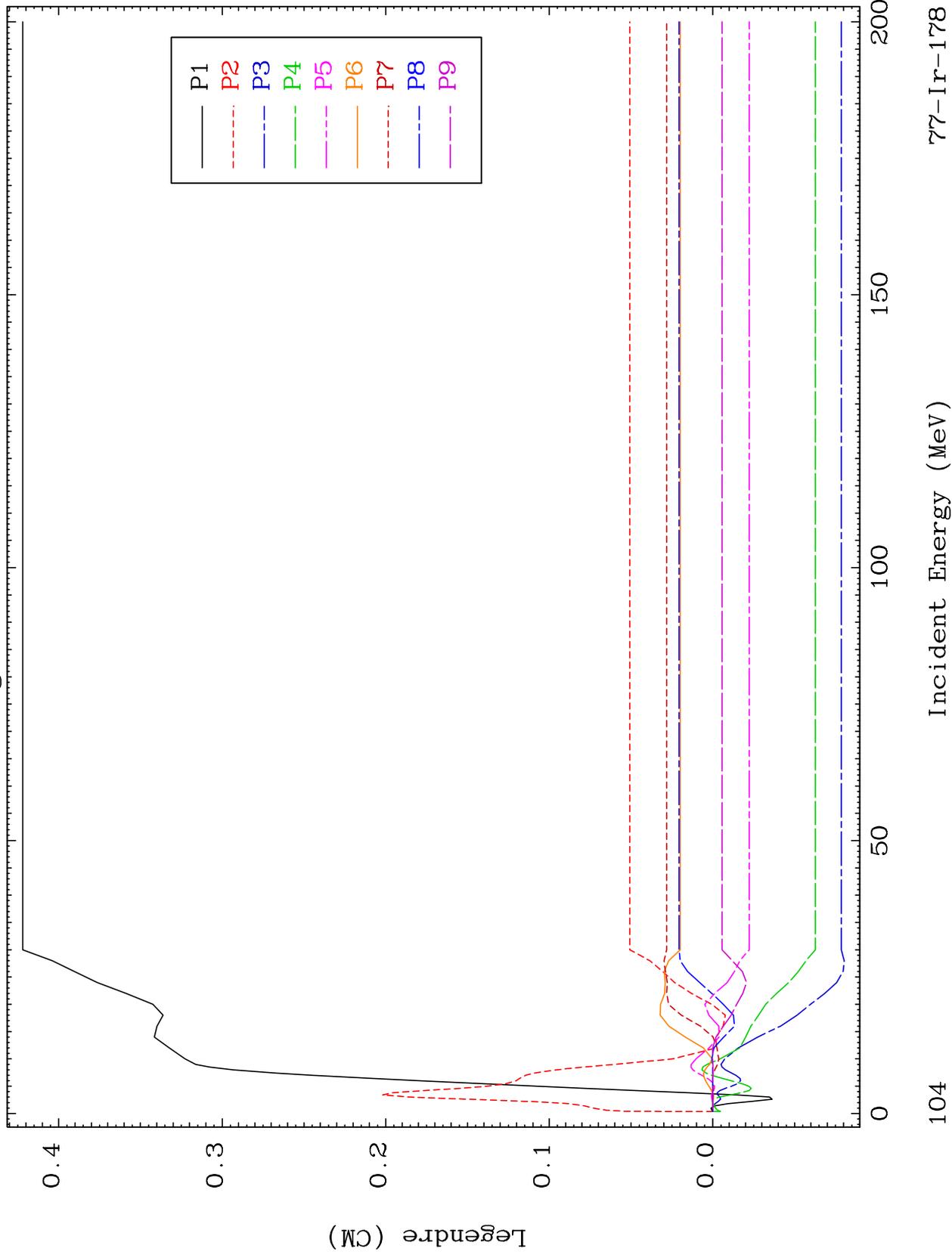
Incident Energy (MeV)

103

MAT 7686

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

77-Ir-178



77-Ir-178

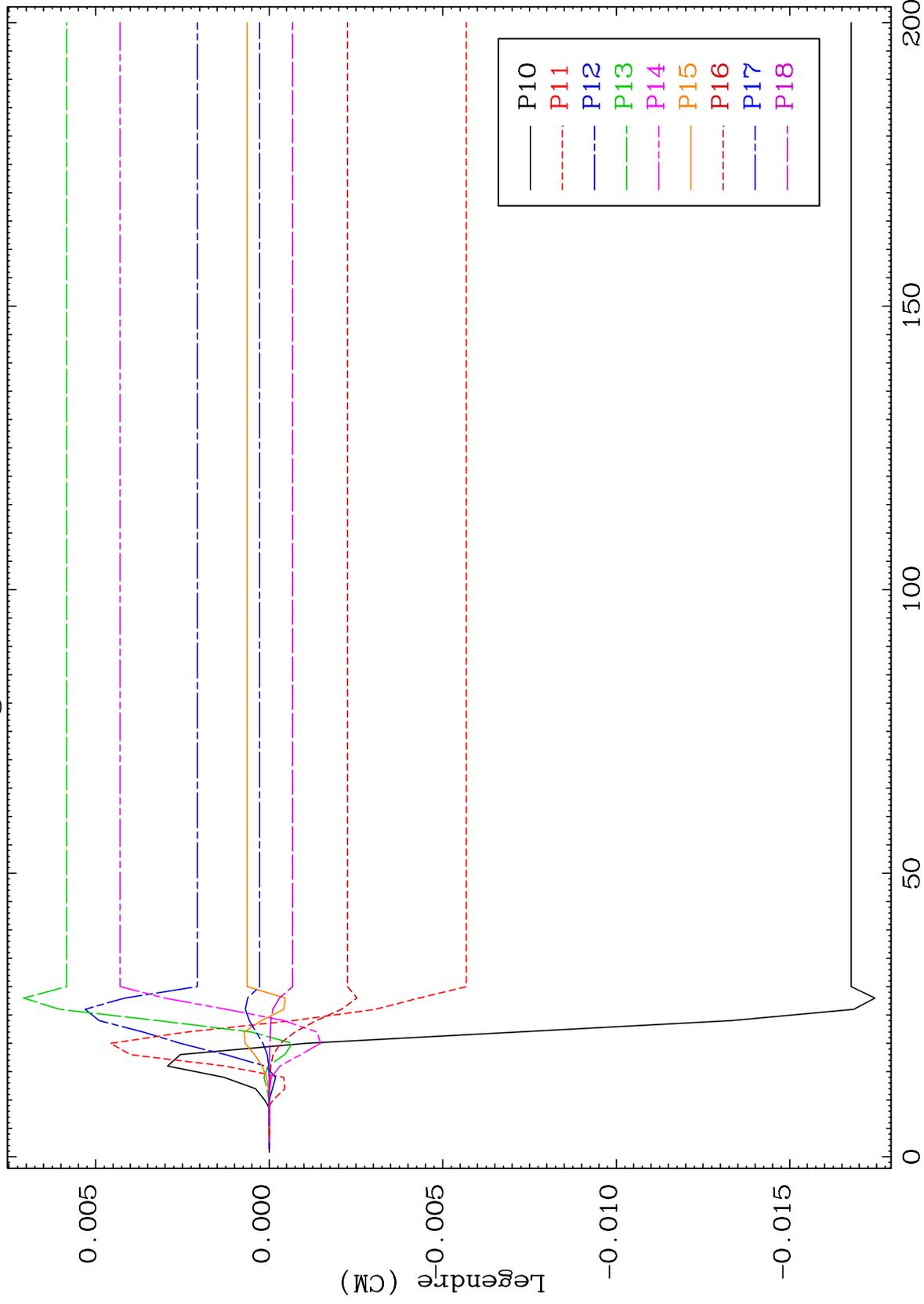
Incident Energy (MeV)

104

MAT 7686

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

77-Ir-178



105

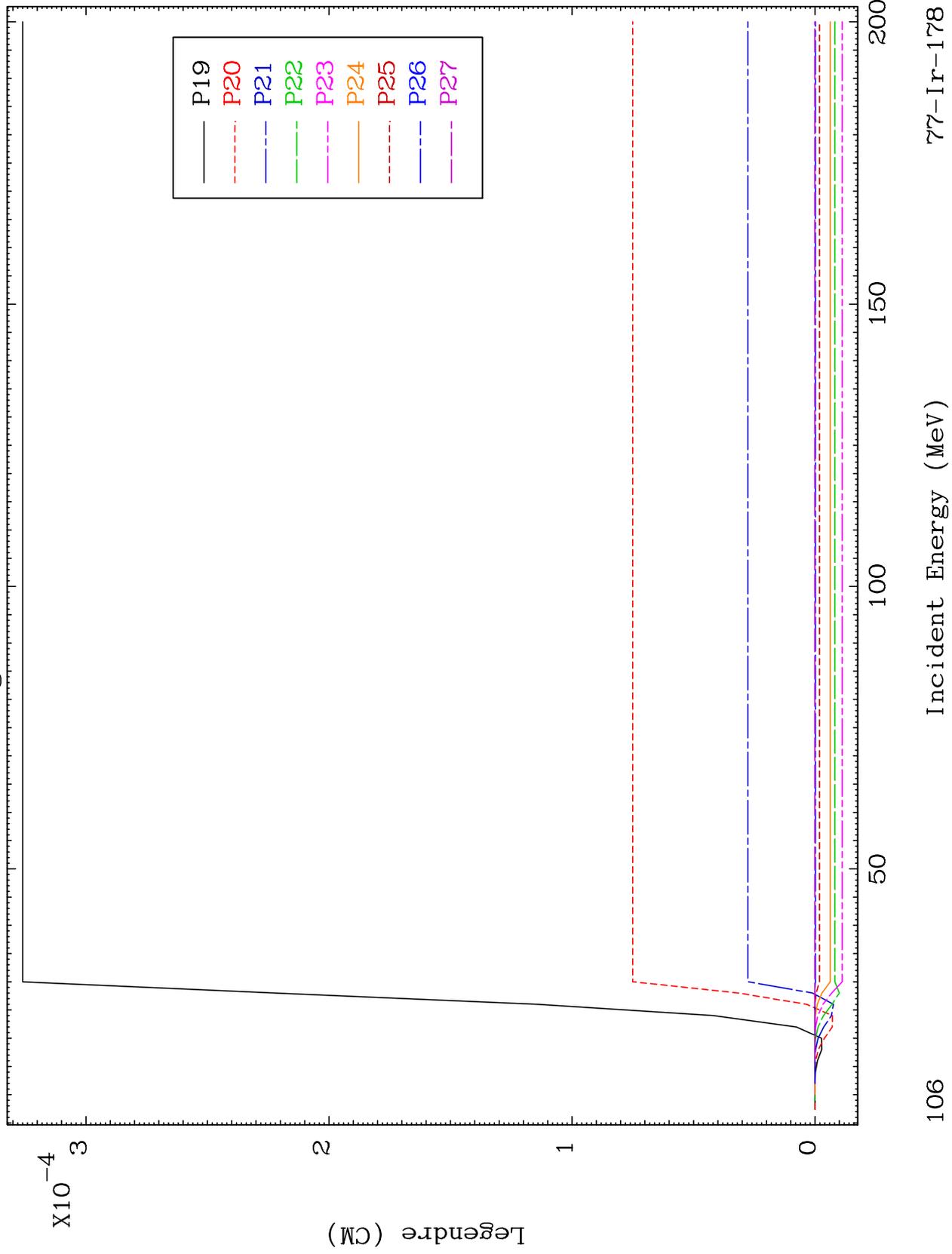
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



106

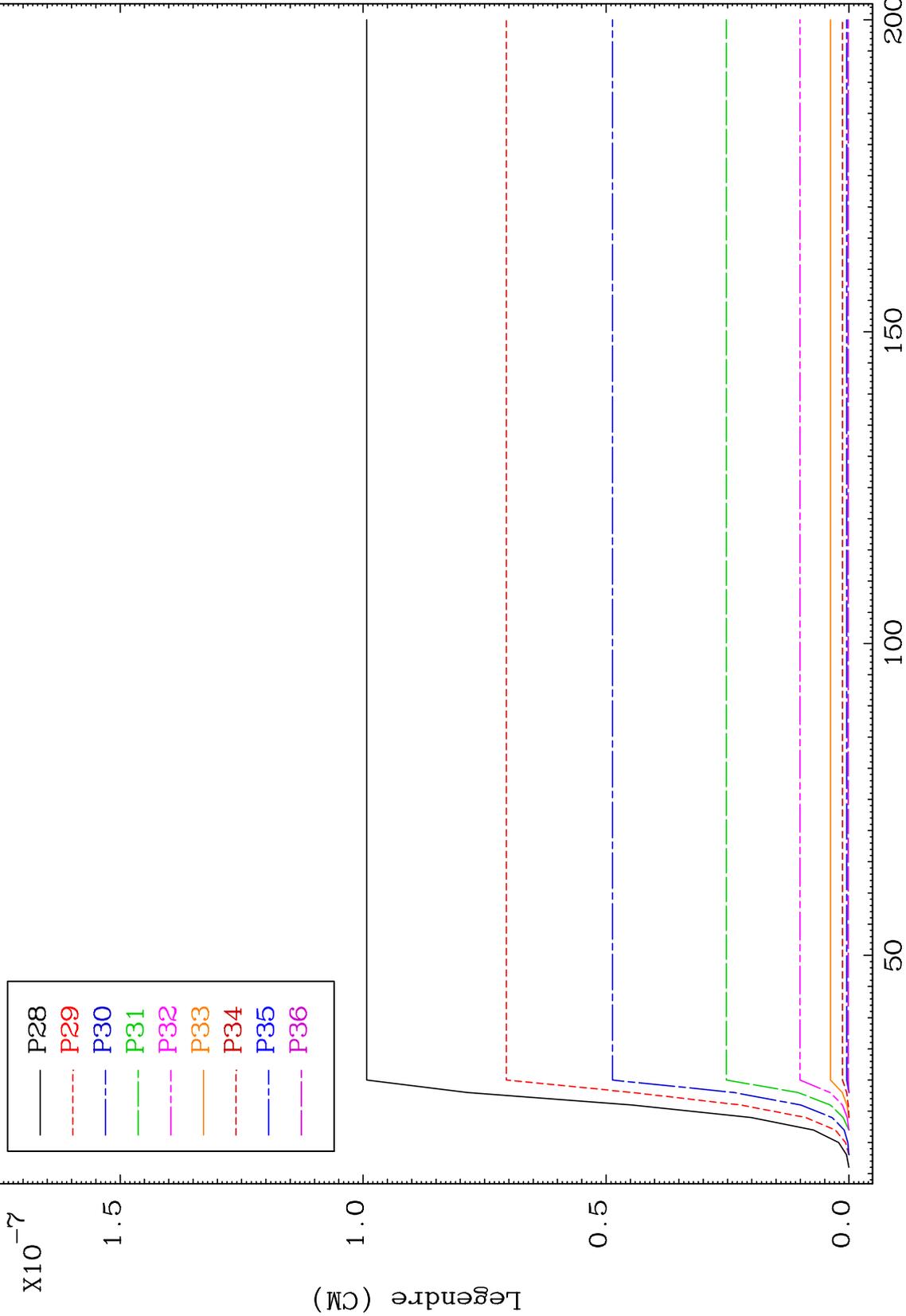
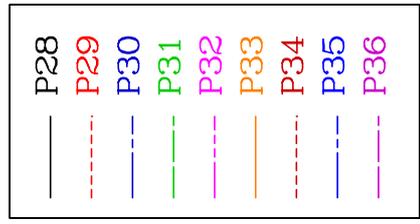
Incident Energy (MeV)

77-Ir-178

MAT 7686

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

77-Ir-178



107

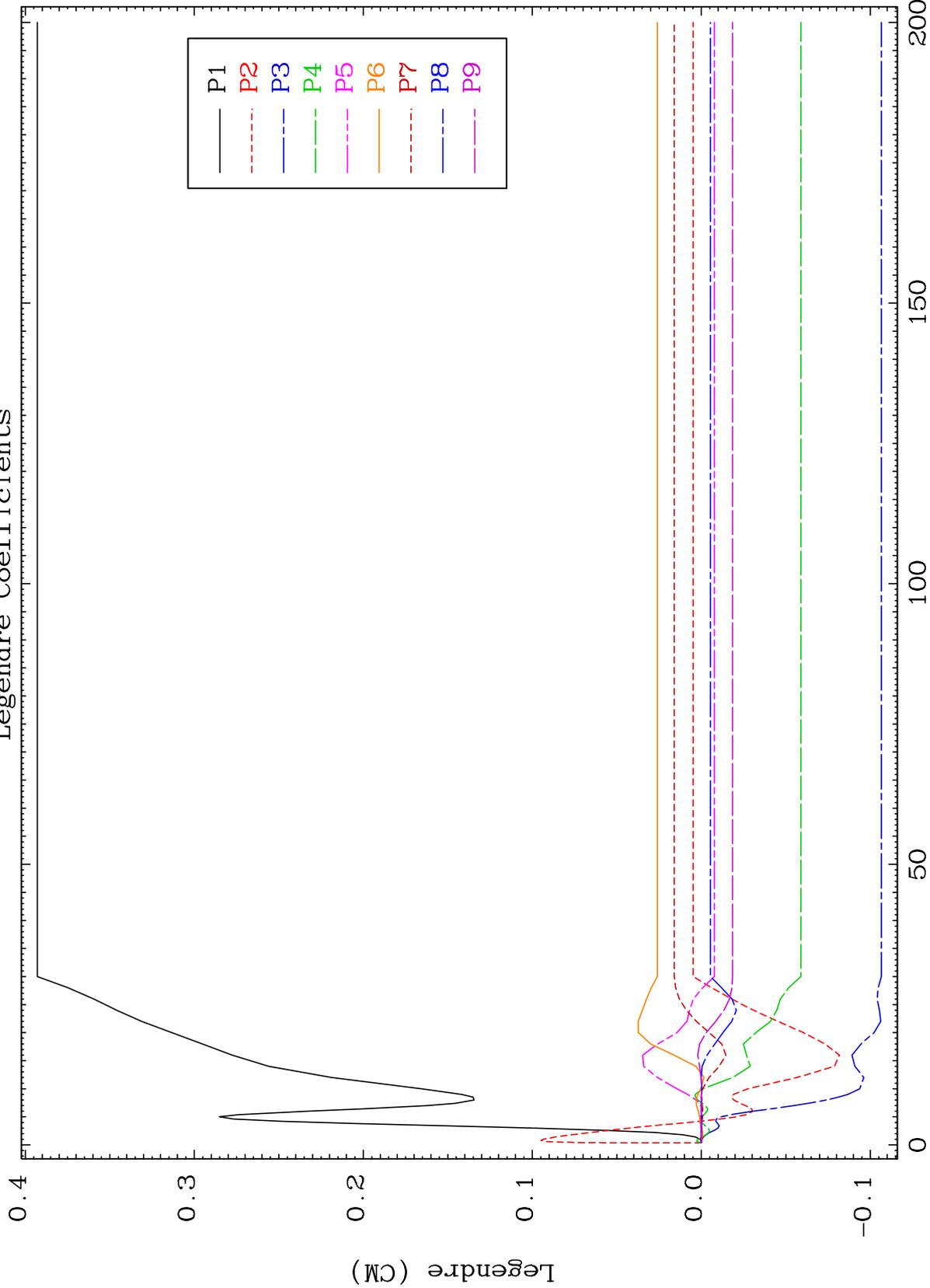
Incident Energy (MeV)

77-Ir-178

MAT 7686

MT= 77 (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

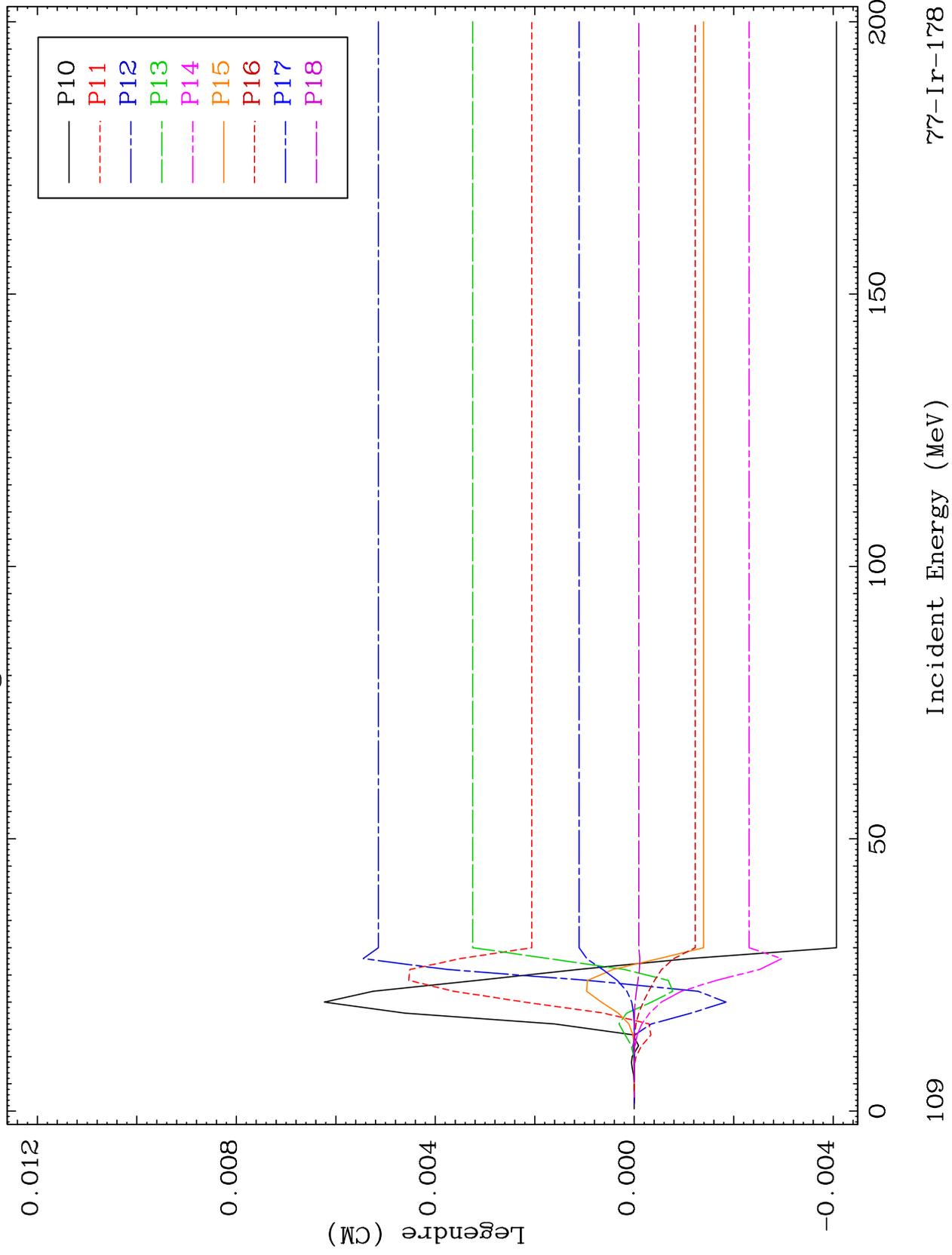
Incident Energy (MeV)

108

MAT 7686

MT= 77 (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

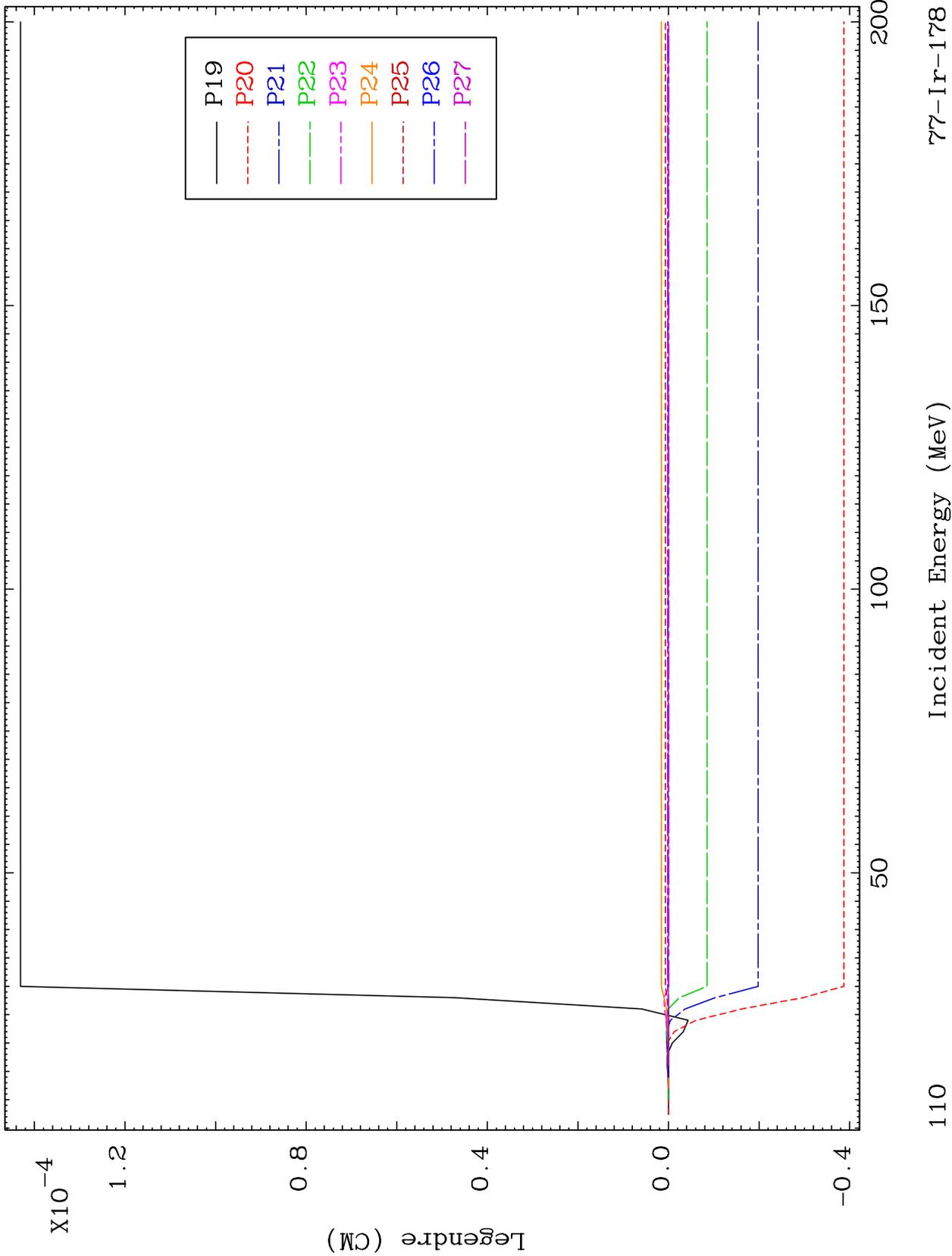
Incident Energy (MeV)

109

MAT 7686

MT= 77 (n,n') Level
Legendre Coefficients

77-Ir-178



110

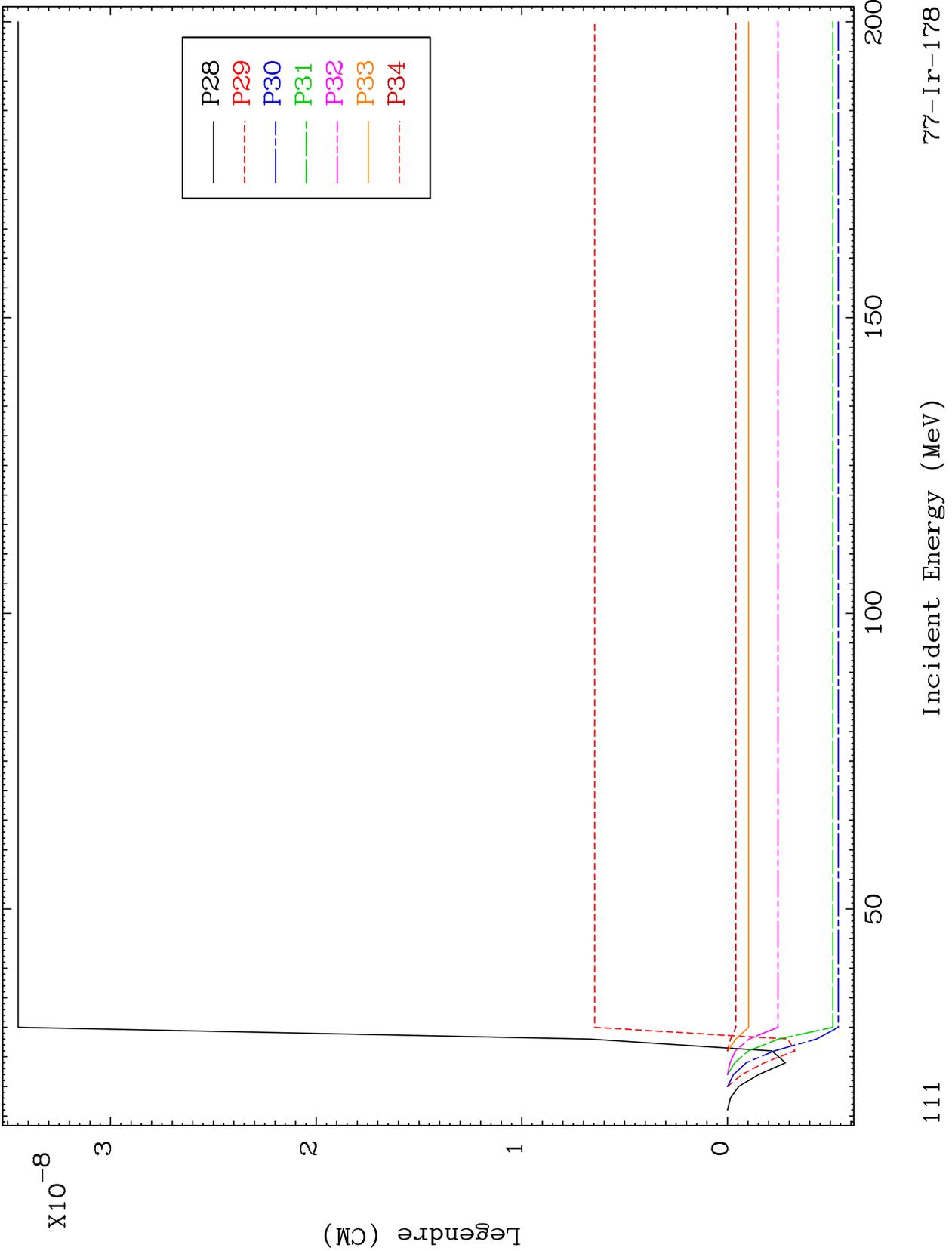
Incident Energy (MeV)

77-Ir-178

MAT 7686

MT= 77 (n,n') Level
Legendre Coefficients

77-Ir-178



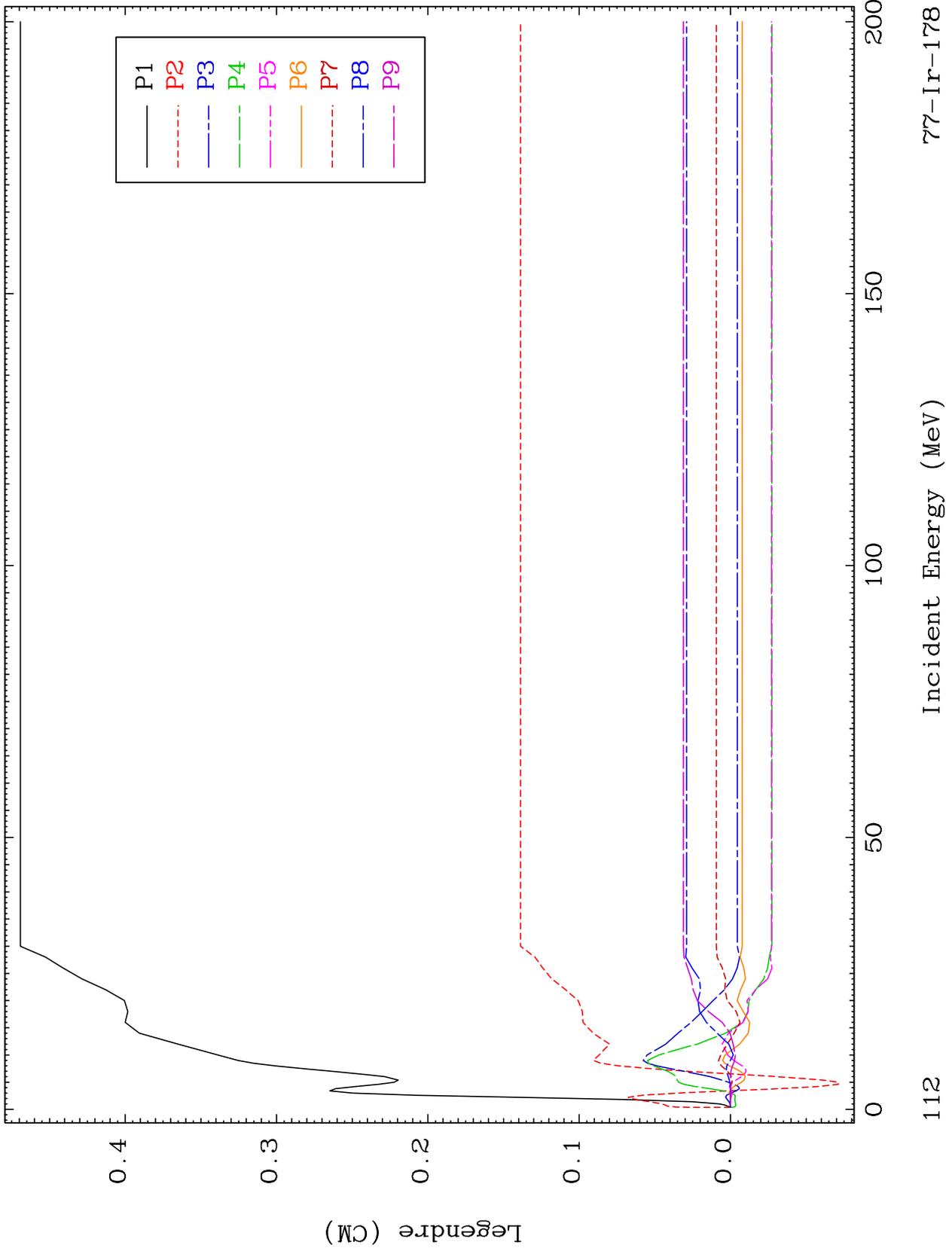
111

77-Ir-178

MAT 7686

MT= 78 (n,n') Level
Legendre Coefficients

77-Ir-178



77-Ir-178

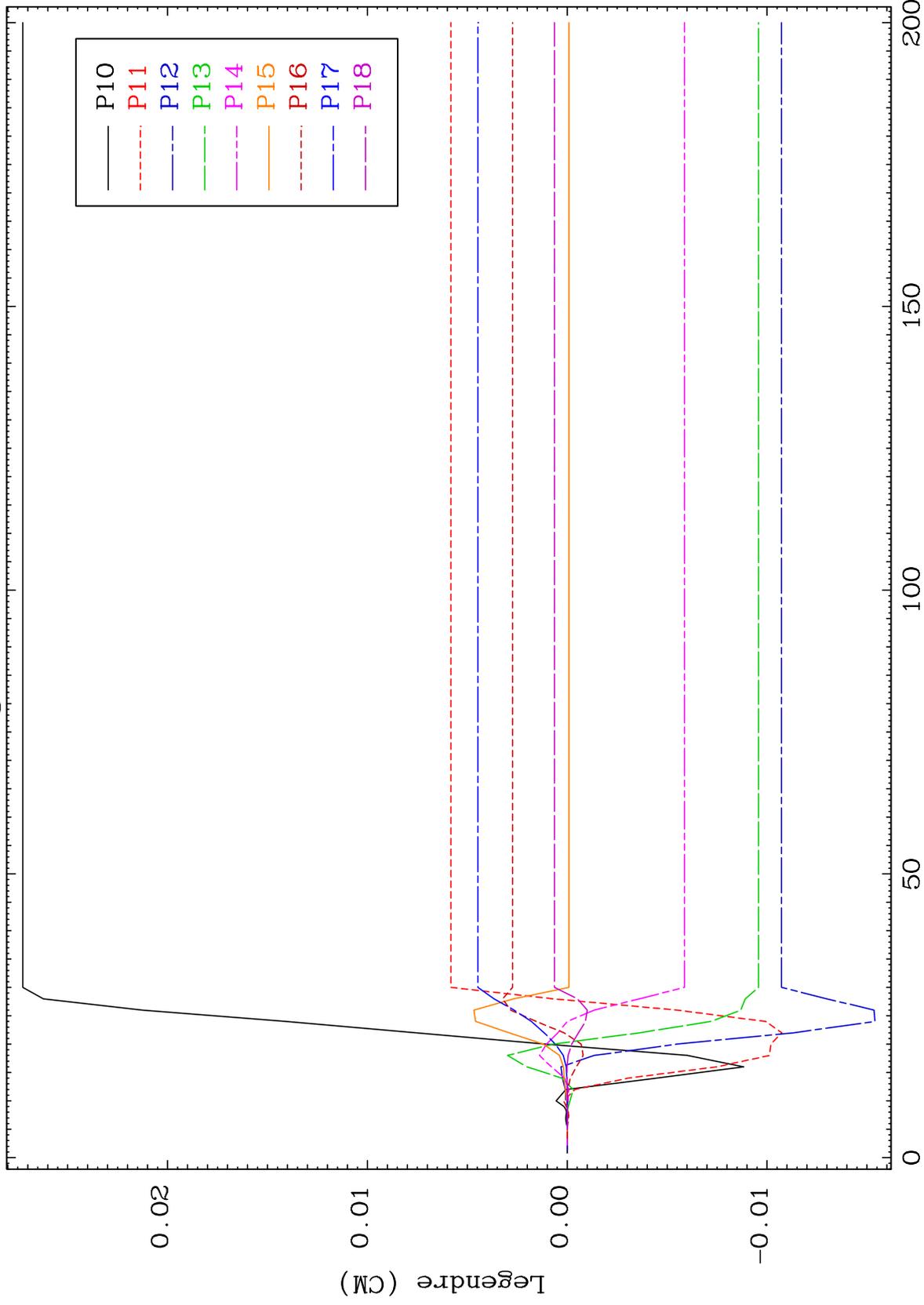
Incident Energy (MeV)

112

MAT 7686

MT= 78 (n,n') Level
Legendre Coefficients

77-Ir-178



113

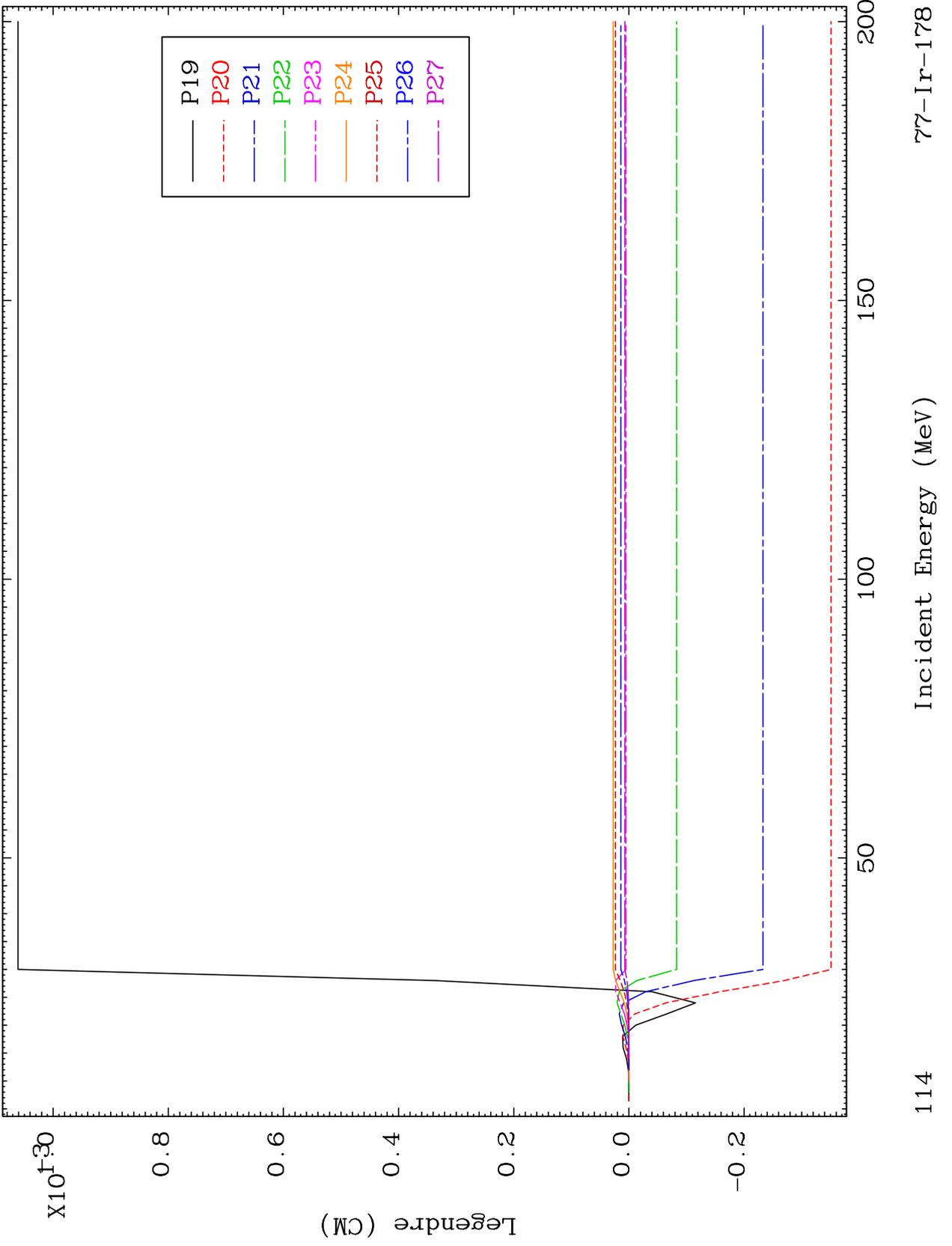
Incident Energy (MeV)

77-Ir-178

MAT 7686

MT= 78 (n,n') Level
Legendre Coefficients

77-Ir-178



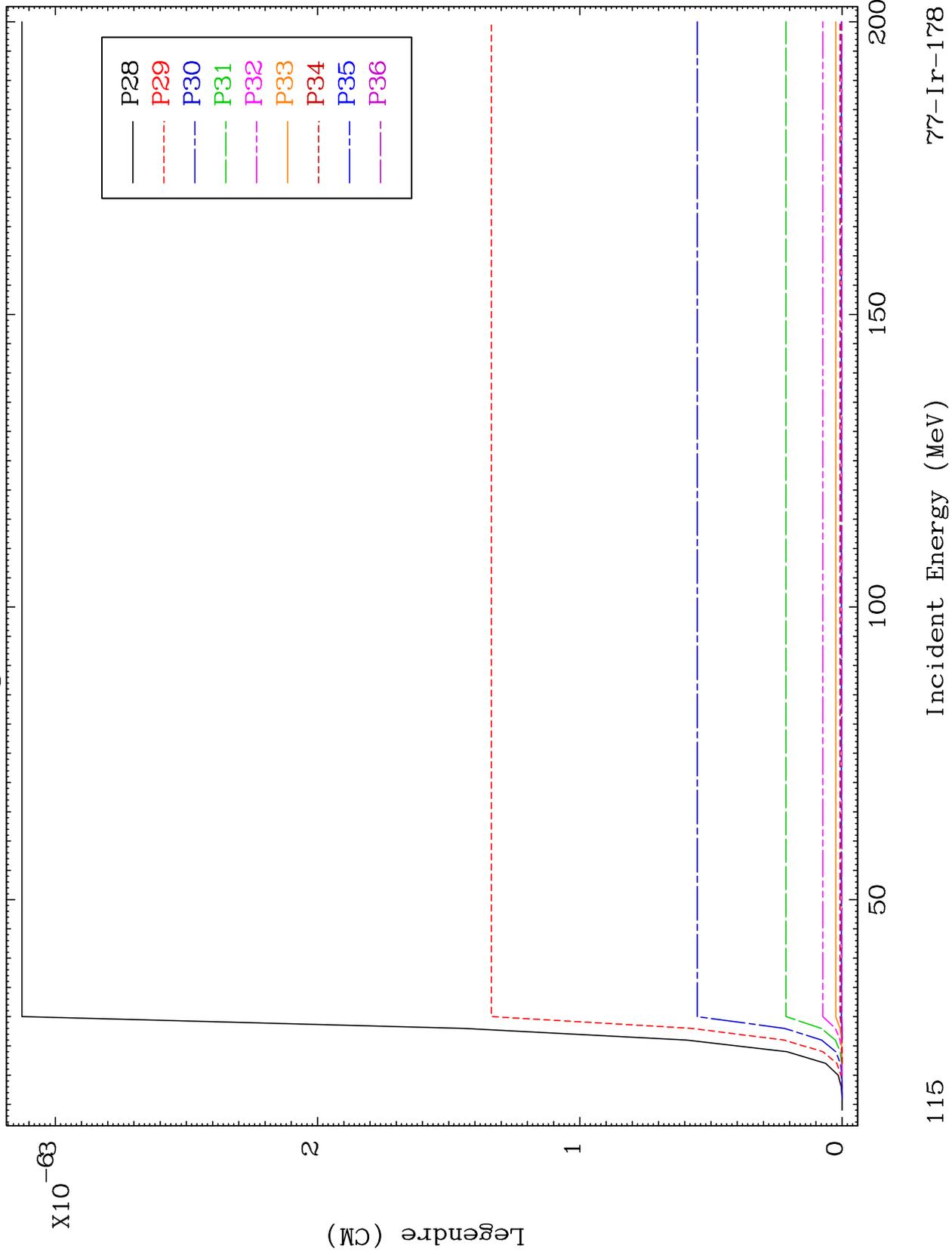
114

77-Ir-178

MAT 7686

MT= 78 (n,n') Level
Legendre Coefficients

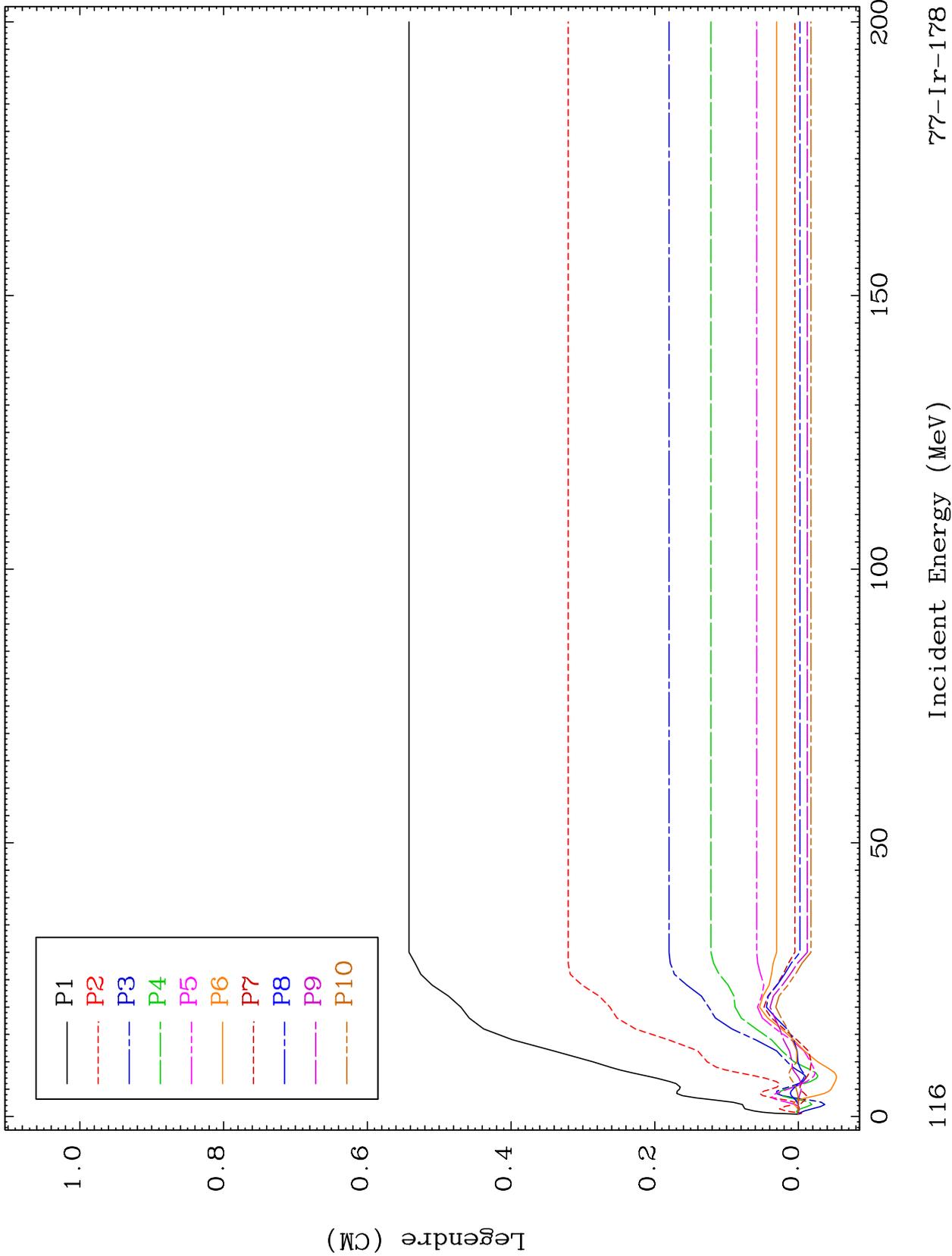
77-Ir-178



MAT 7686

MT= 79 (n,n') Level
Legendre Coefficients

77-Ir-178

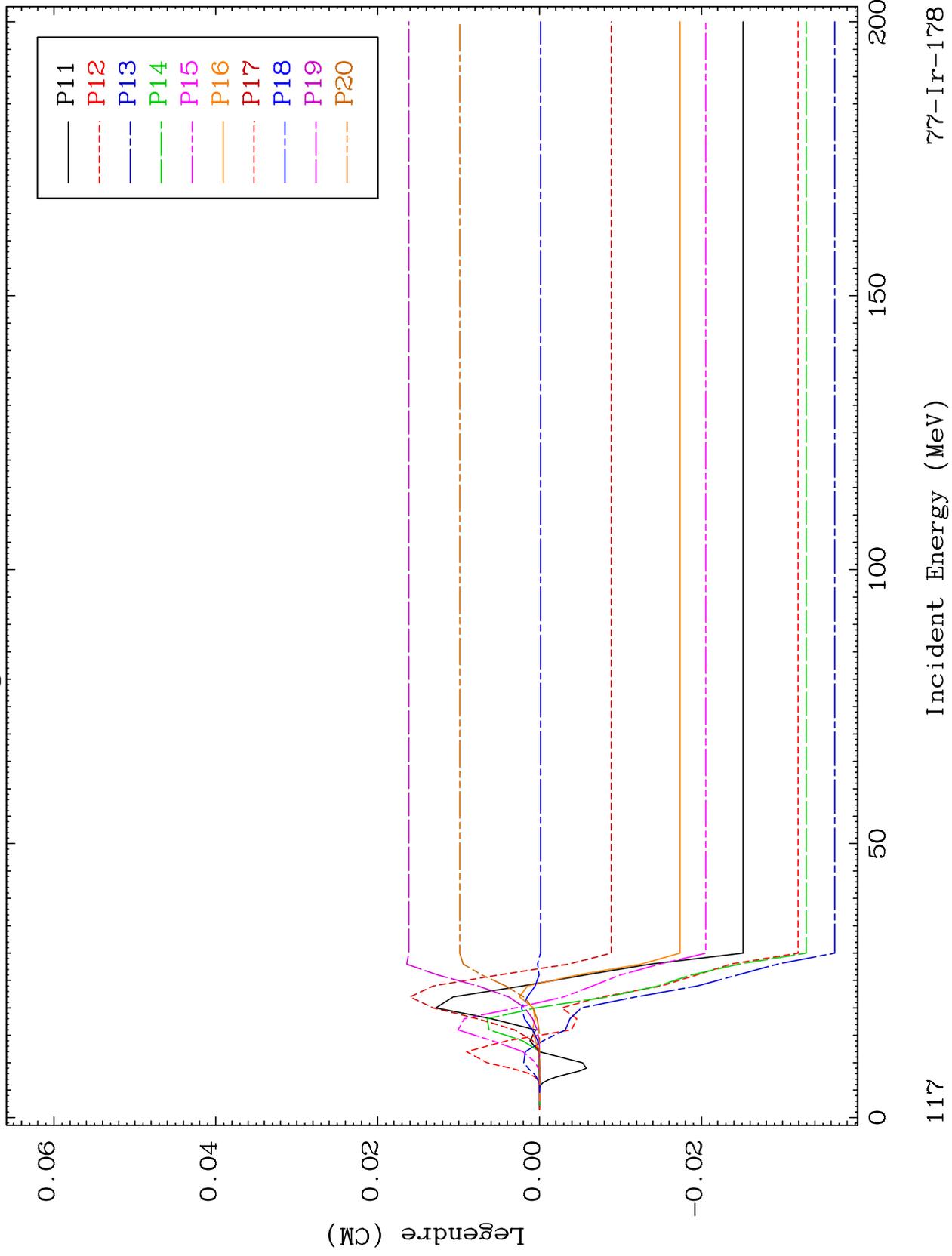


116

MAT 7686

MT= 79 (n,n') Level
Legendre Coefficients

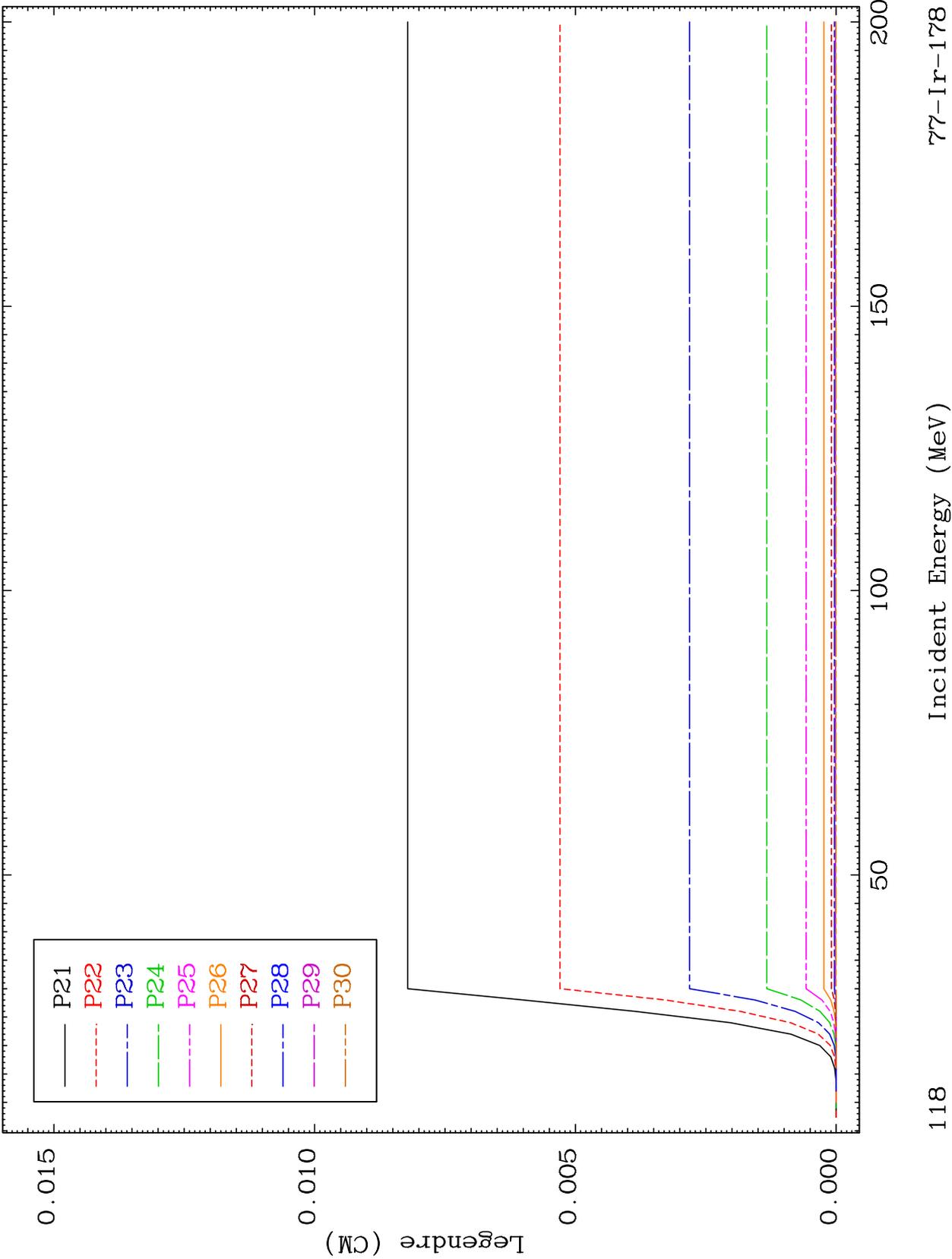
77-Ir-178



117

Incident Energy (MeV)

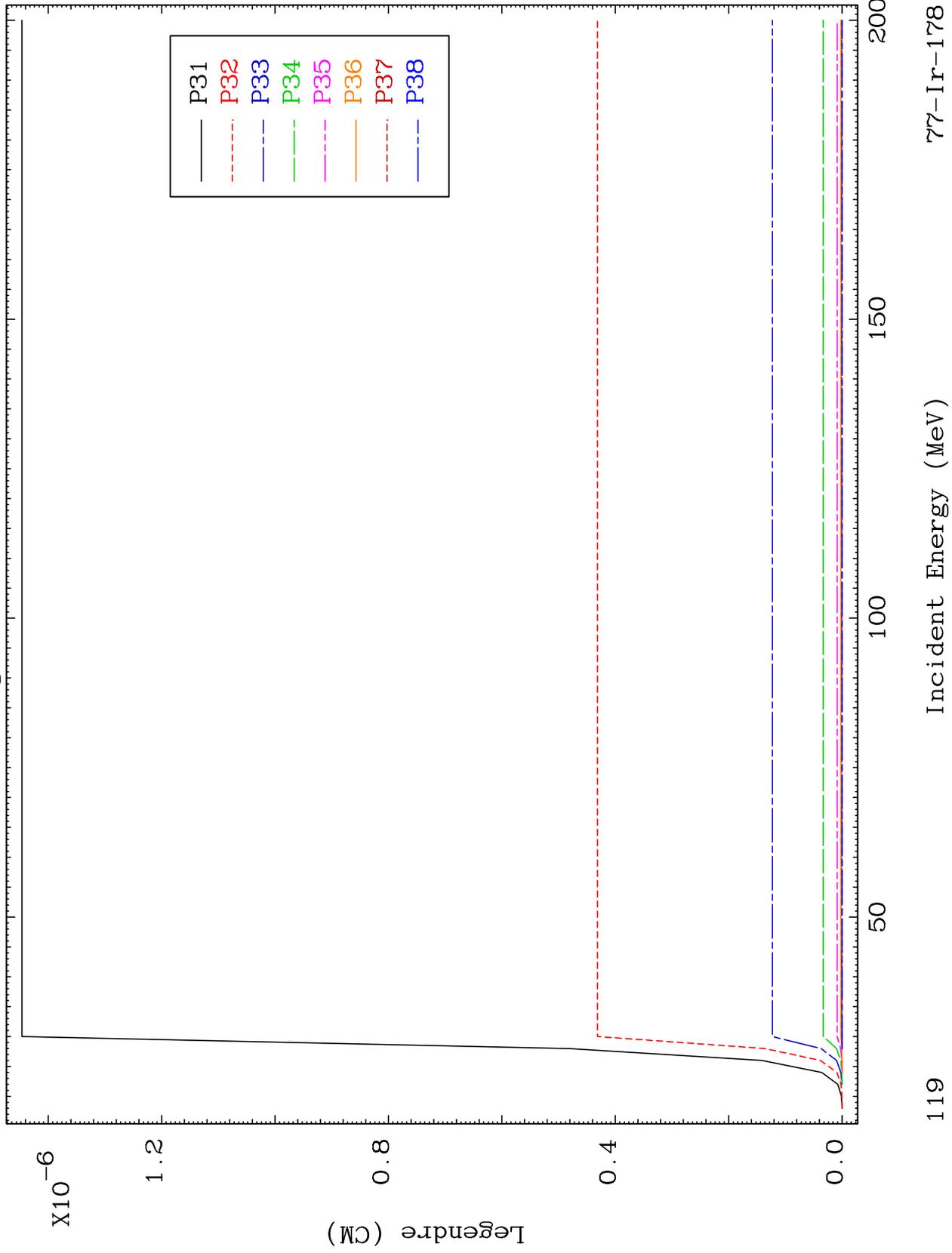
77-Ir-178



MAT 7686

MT= 79 (n,n') Level
Legendre Coefficients

77-Ir-178

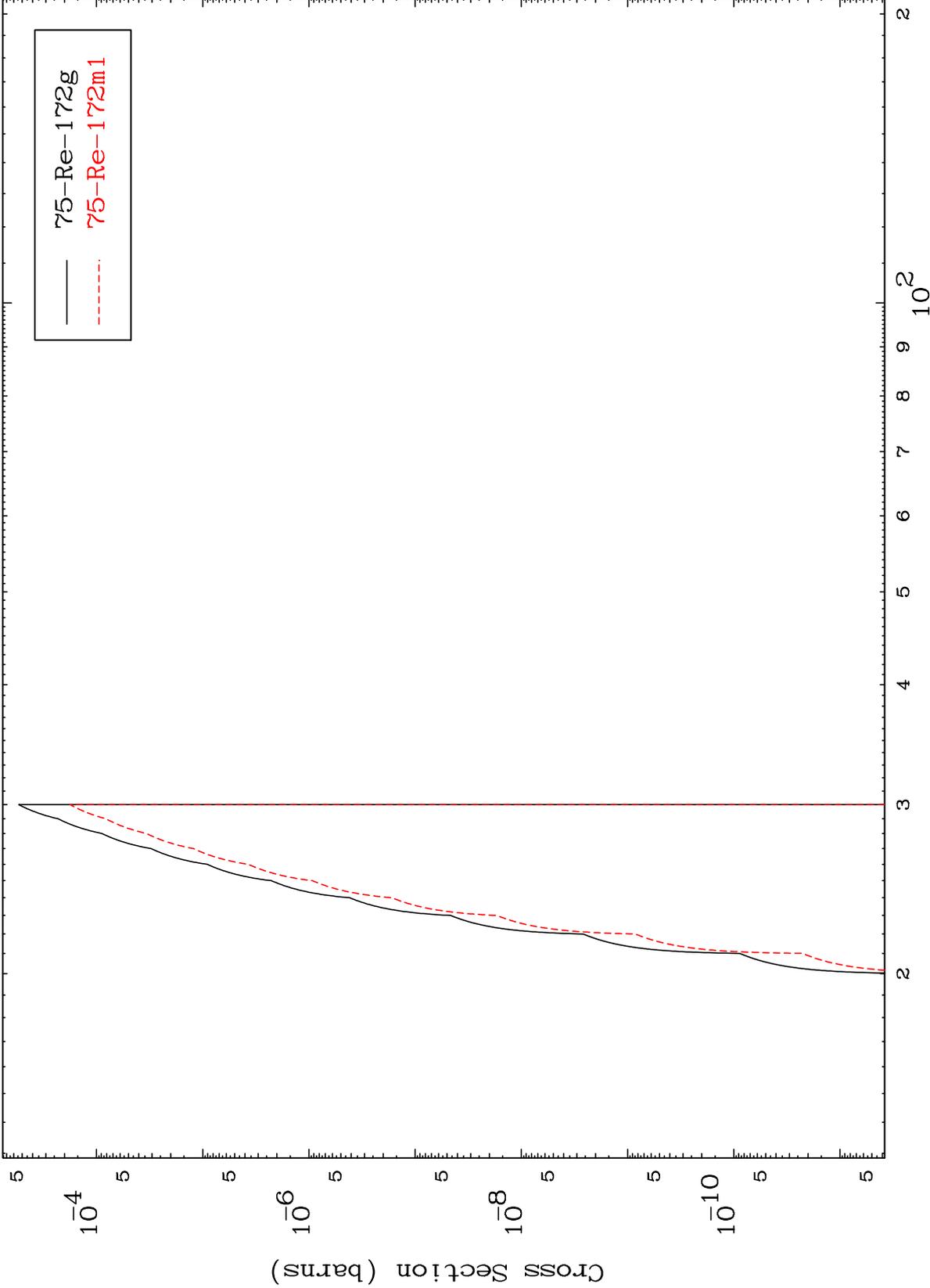


MAT 7686

$(n,3n) \alpha$

⁷⁷Ir-178

Radionuclide Production Cross Section



— ⁷⁵Re-172g
- - - ⁷⁵Re-172m1

120

Incident Energy (MeV)

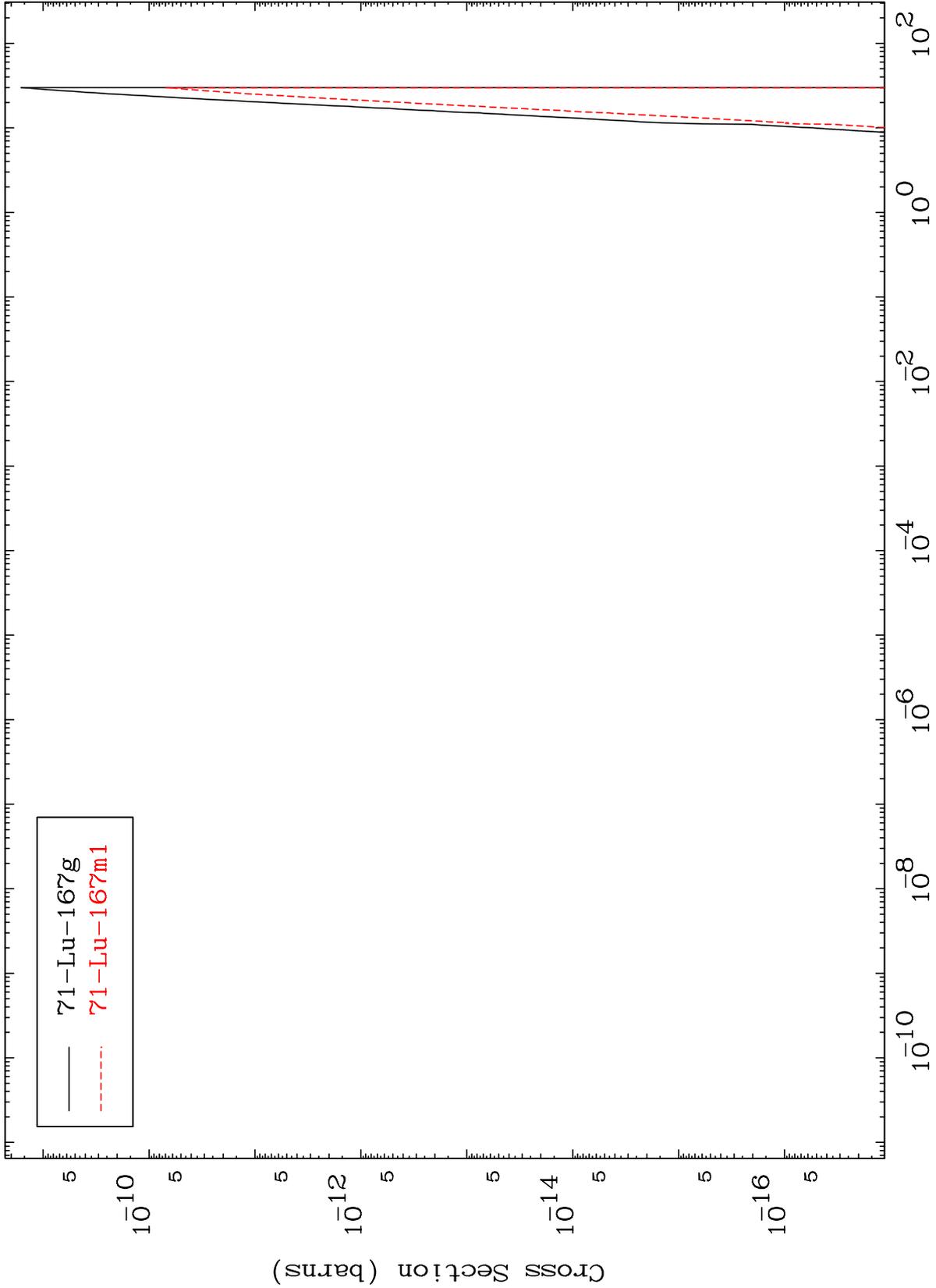
⁷⁷Ir-178

MAT 7686

(n, 3α)

⁷⁷Ir-178

Radionuclide Production Cross Section



— ⁷¹Lu-167g
- - - ⁷¹Lu-167m1