

Program EVALPLOT
(Version 2021-1)

by

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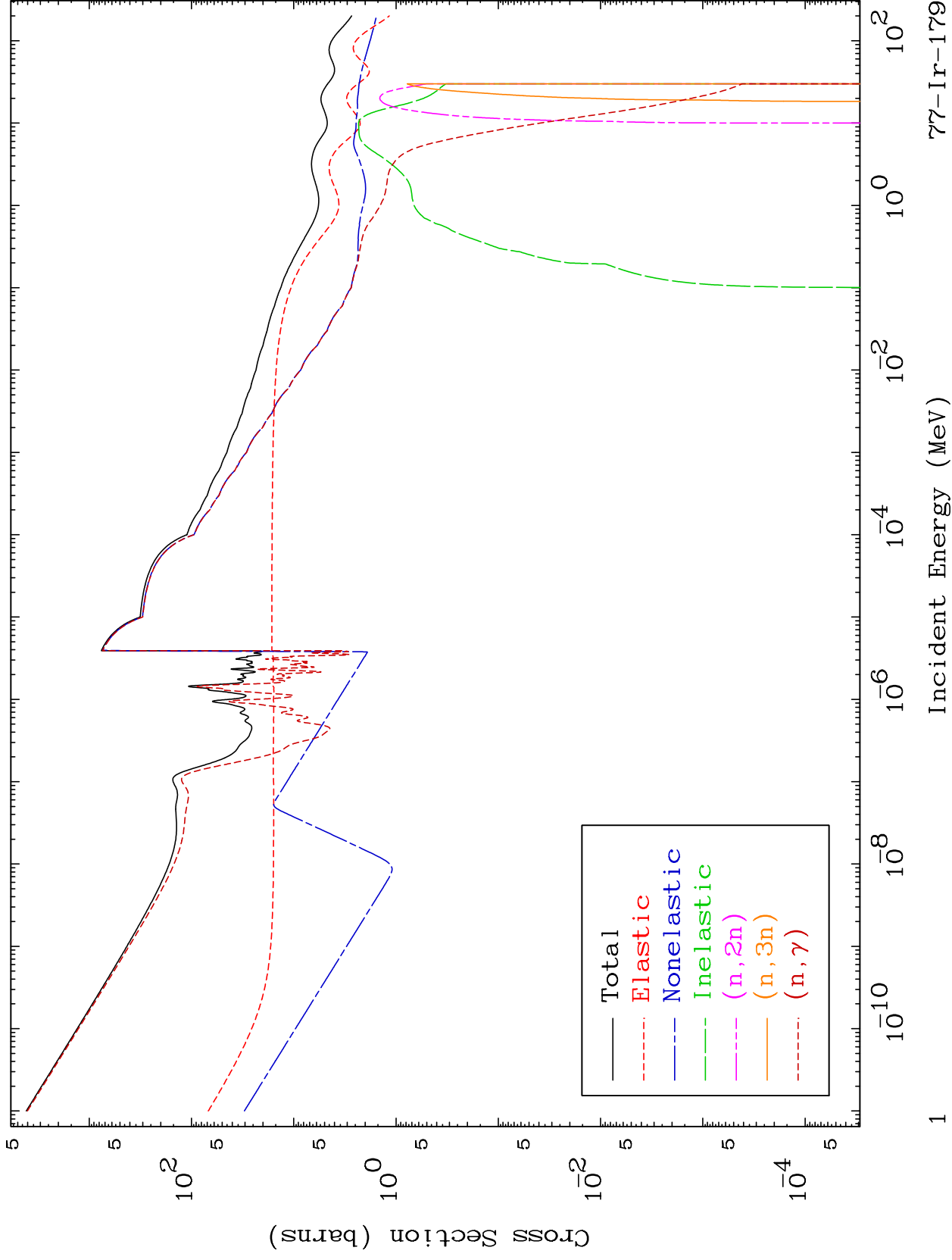
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7689

Neutron Major
293 Kelvin Cross Sections

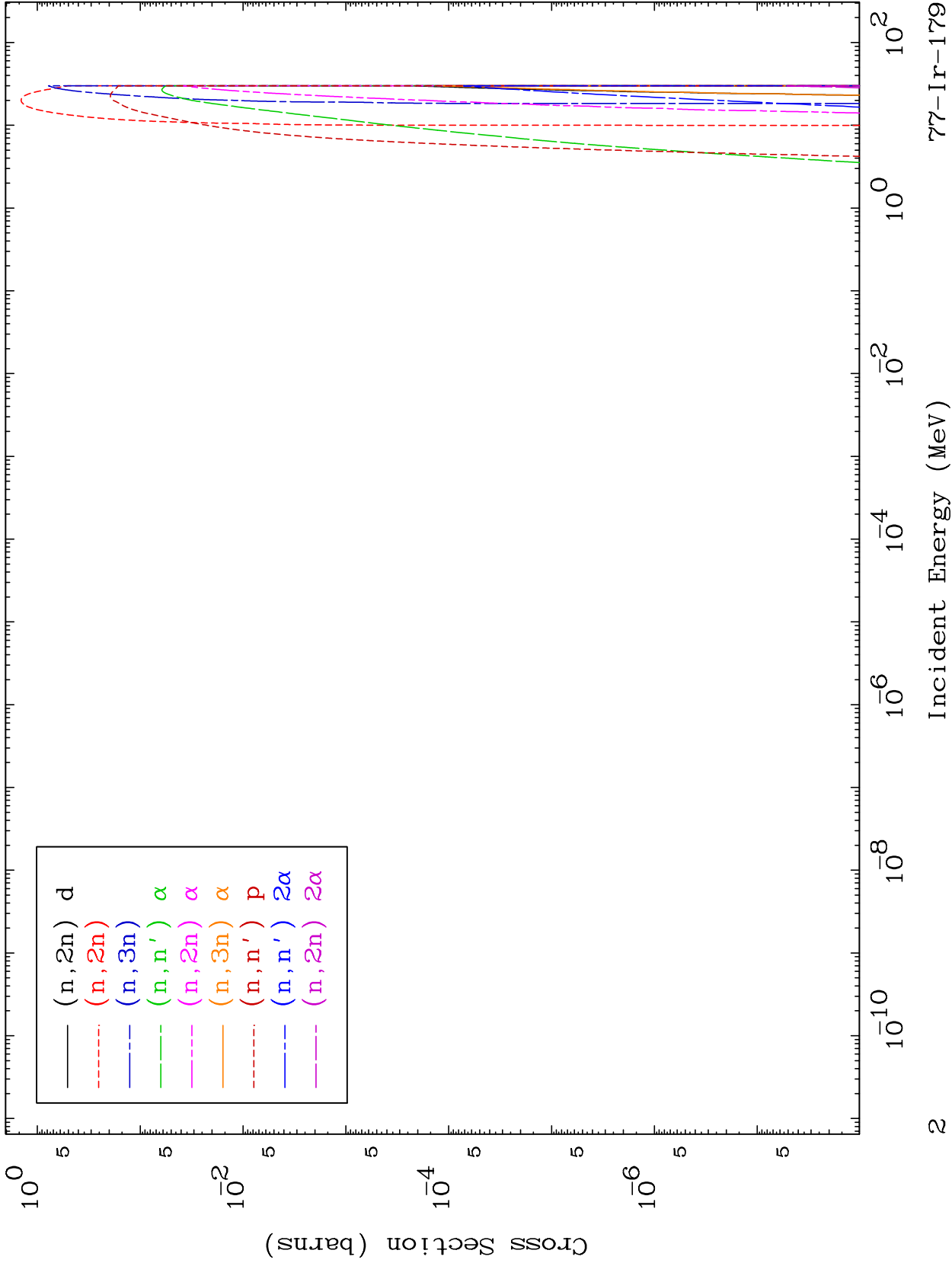
77-Ir-179

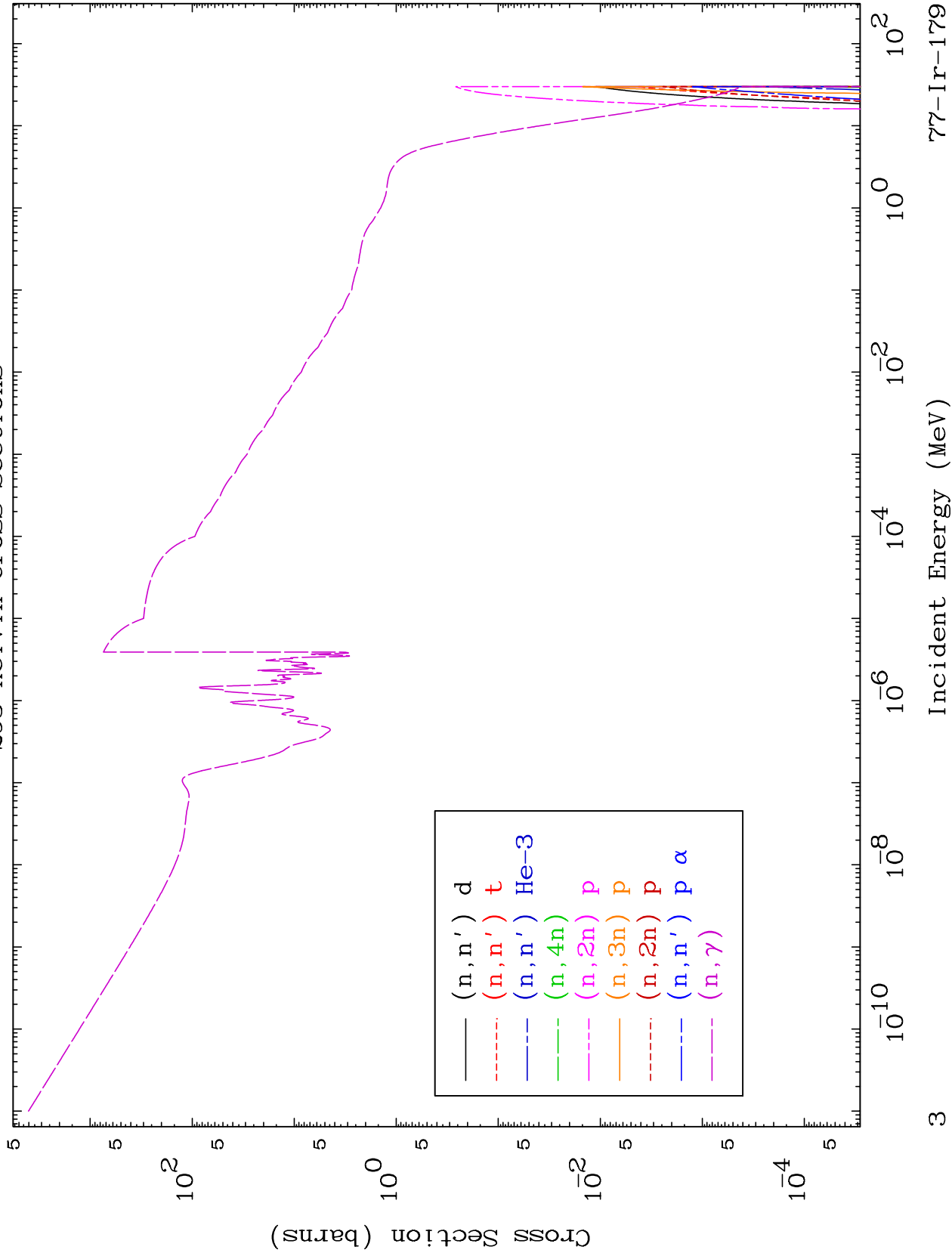


MAT 7689

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-179

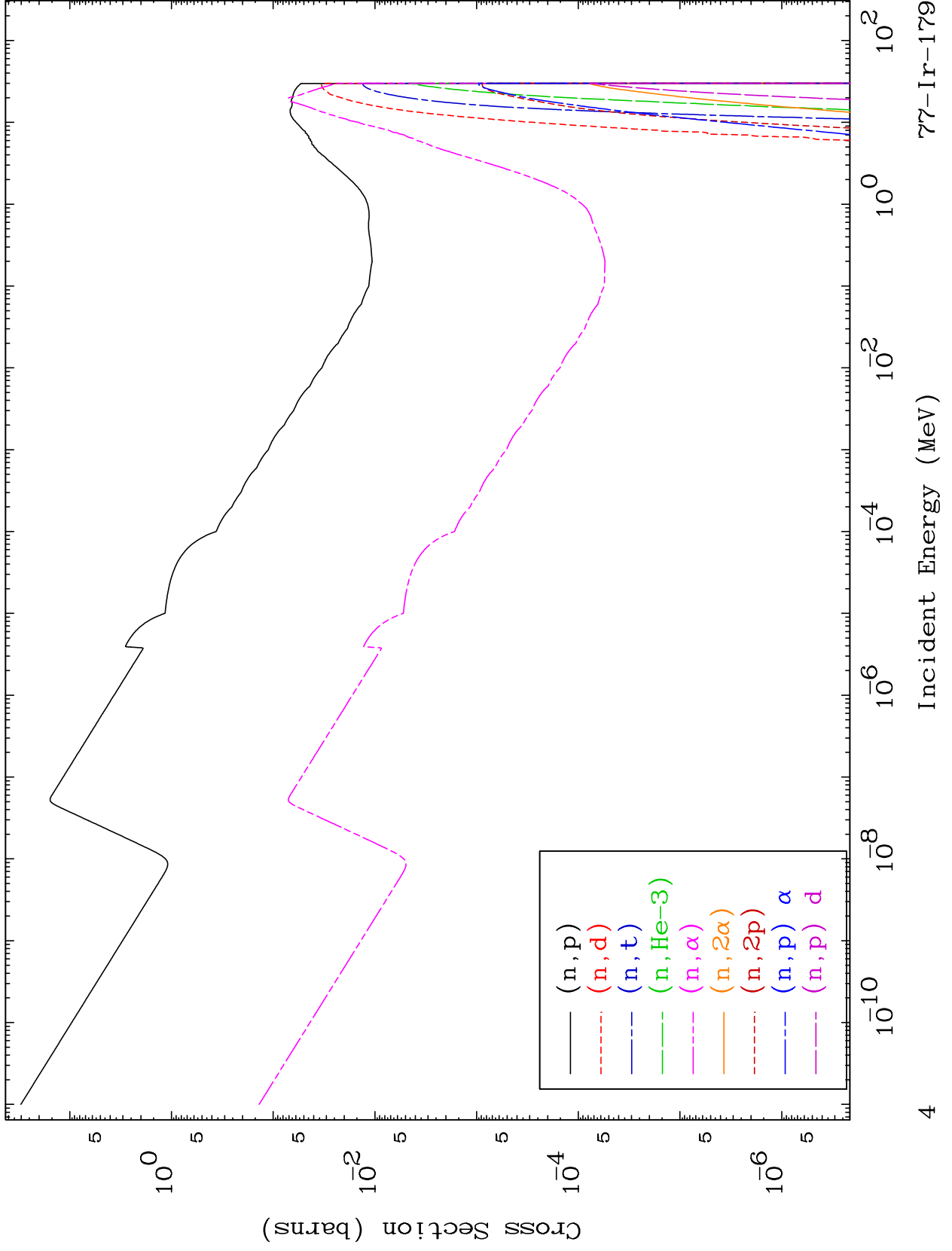


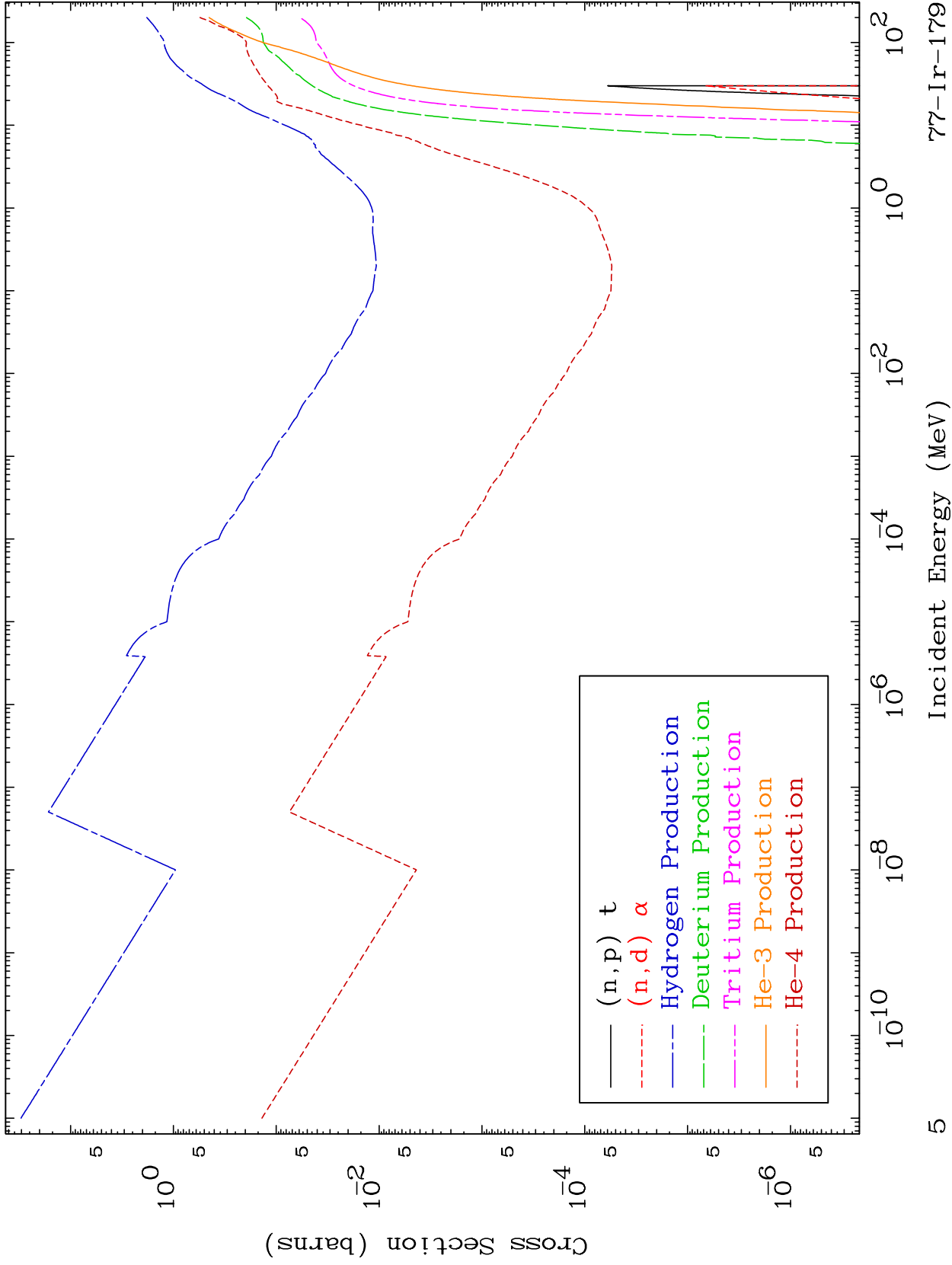


MAT 7689

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-179

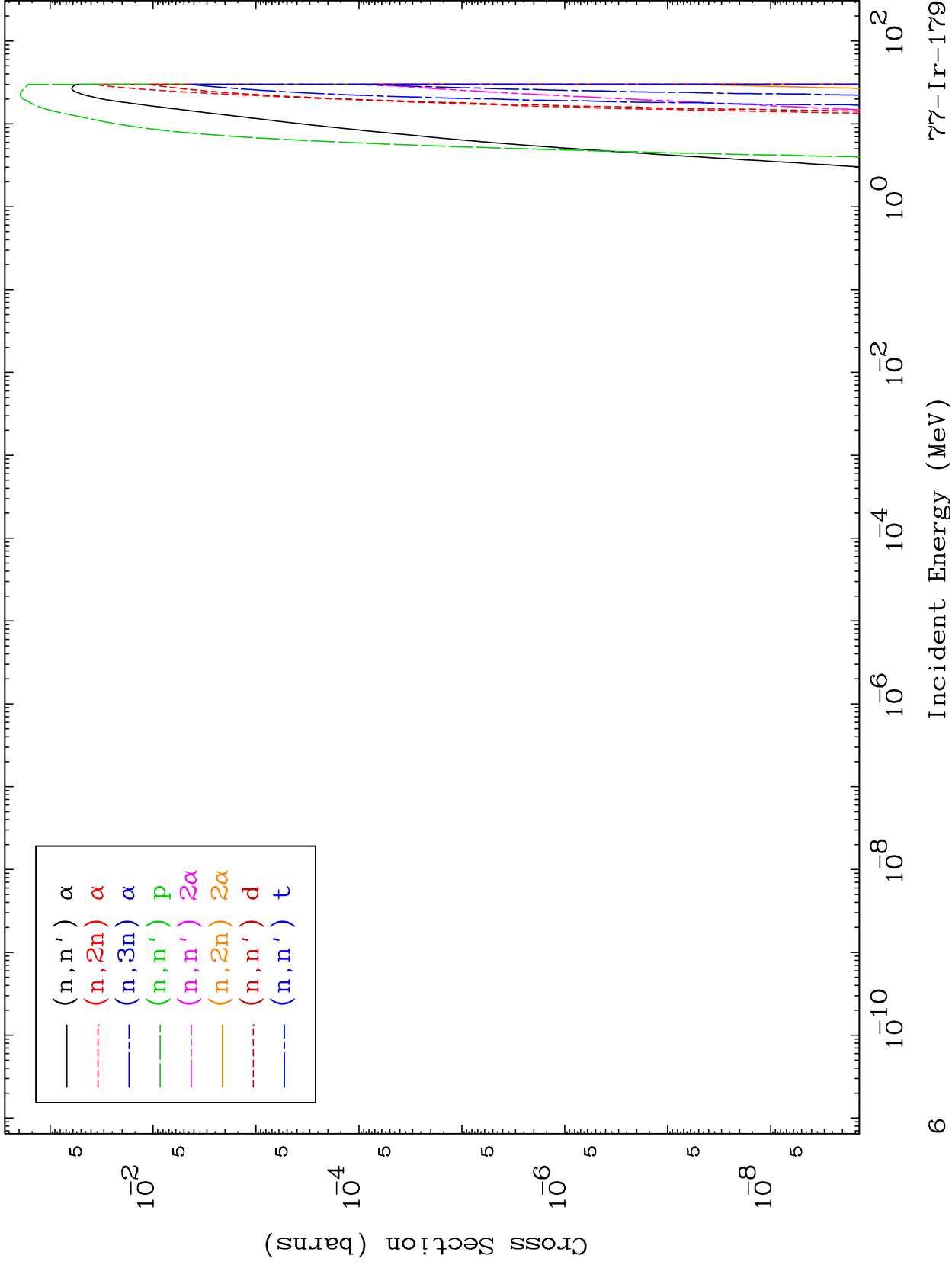




MAT 7689

Charged Particle
293 Kelvin Cross Sections

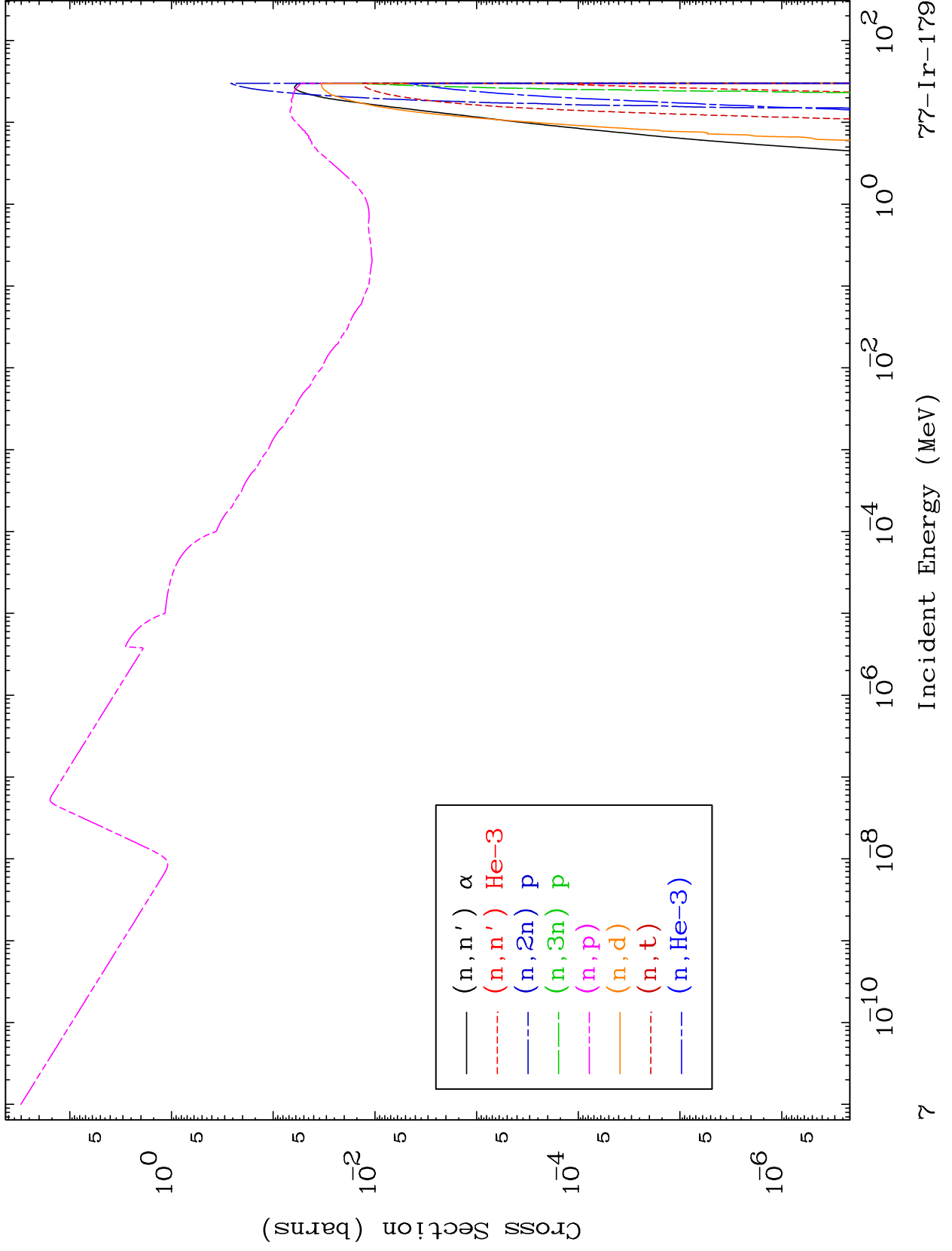
77-Ir-179



MAT 7689

Charged Particle
293 Kelvin Cross Sections

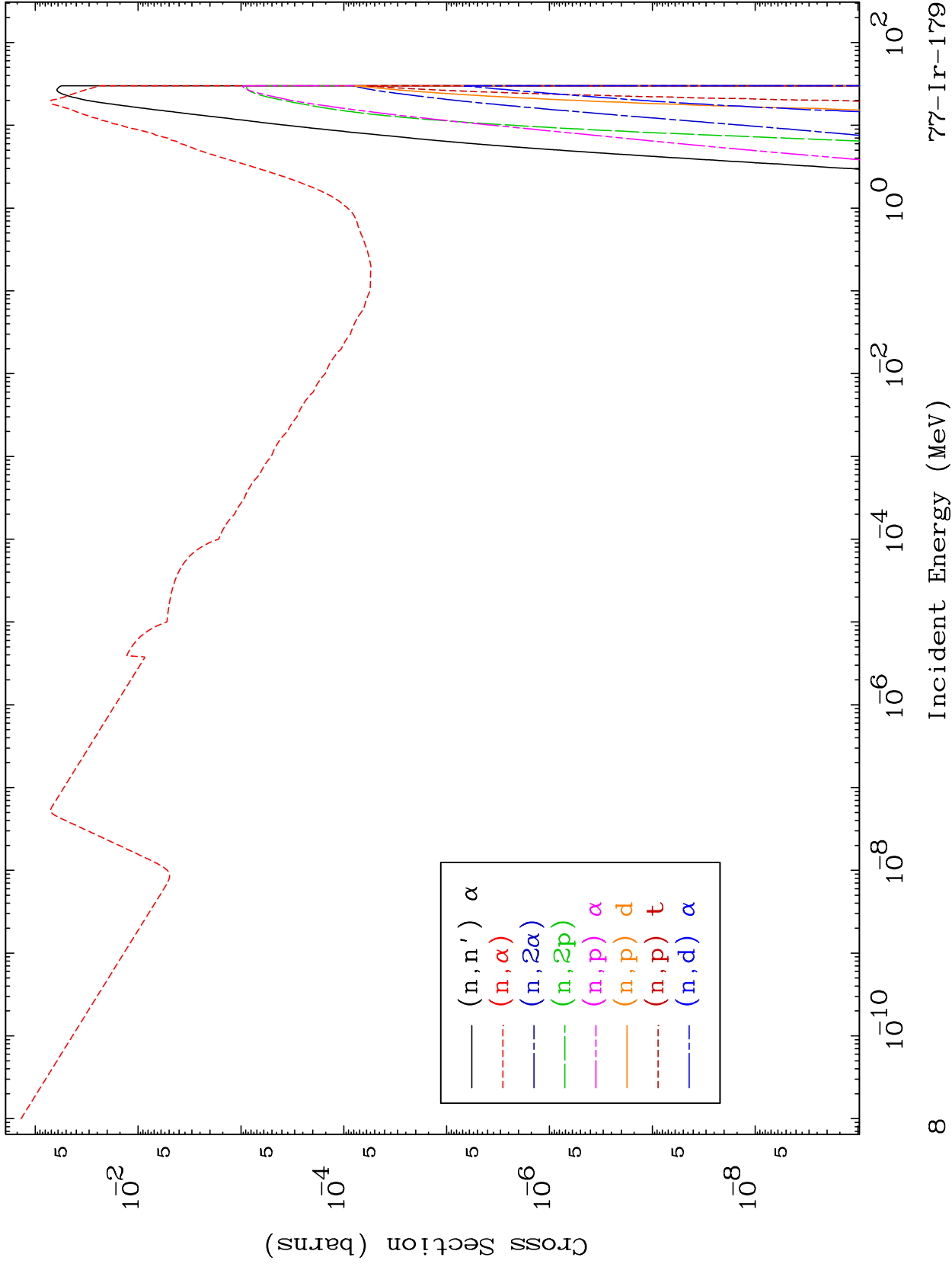
⁷⁷Ir-179

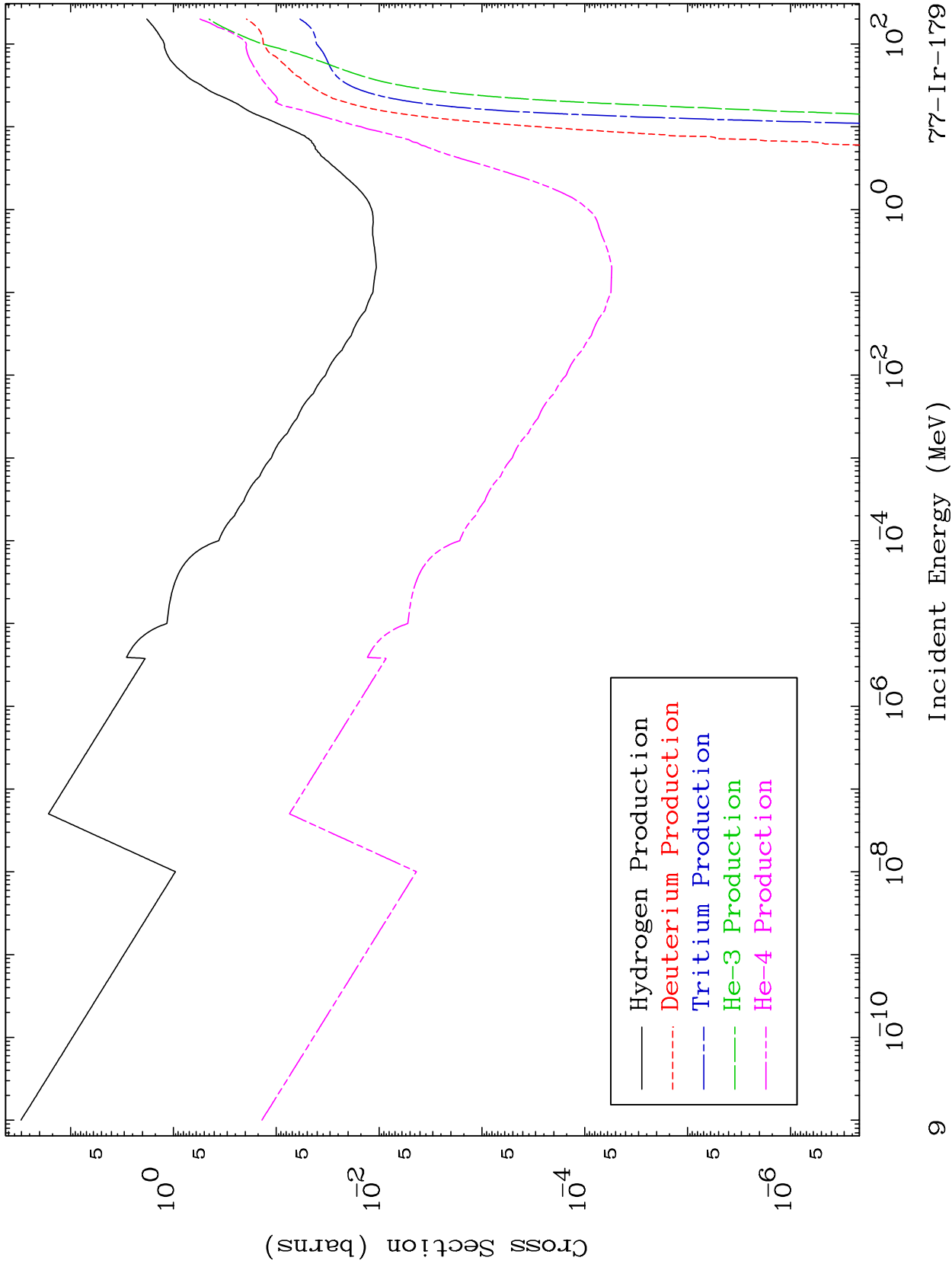


MAT 7689

Charged Particle
293 Kelvin Cross Sections

77-Ir-179

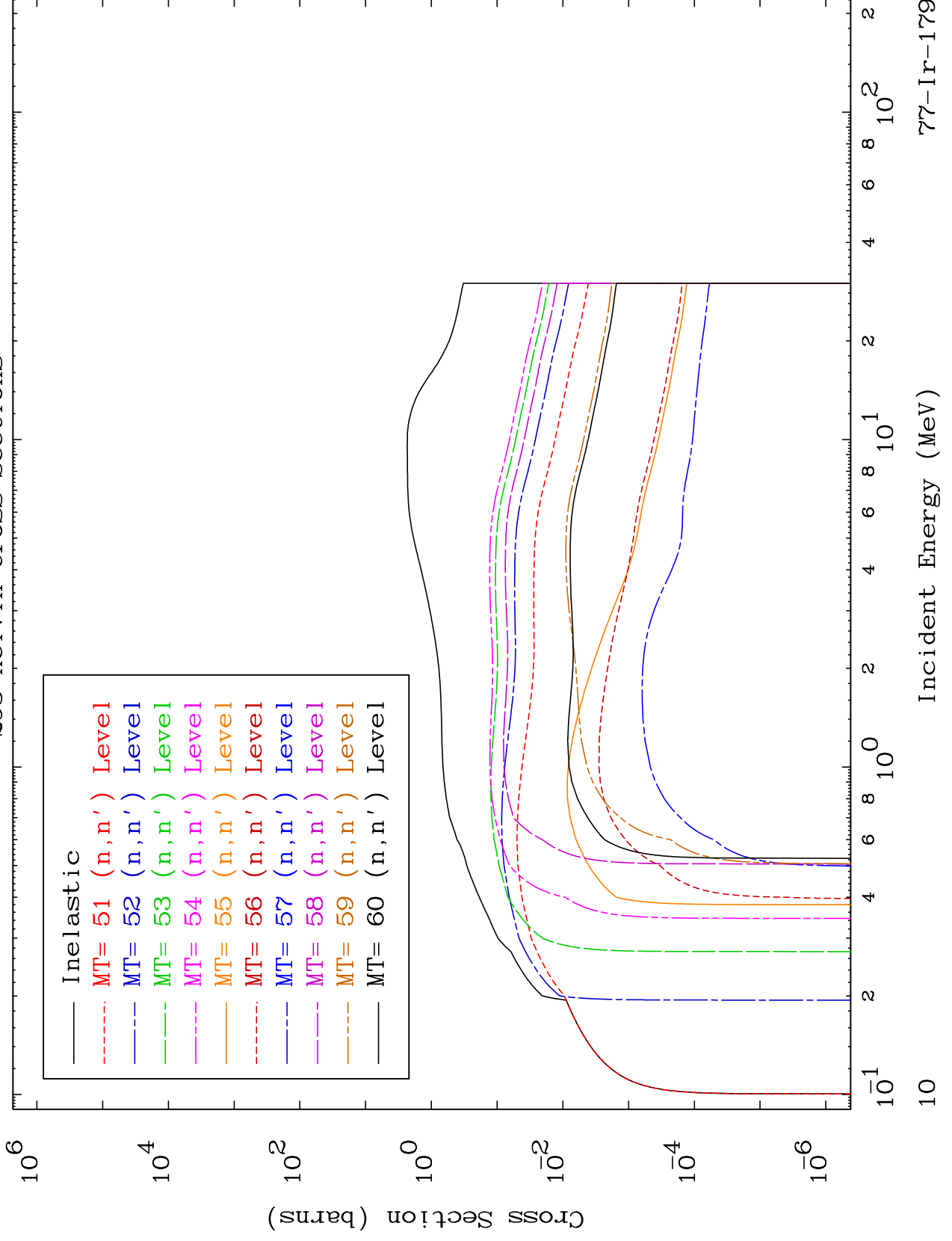




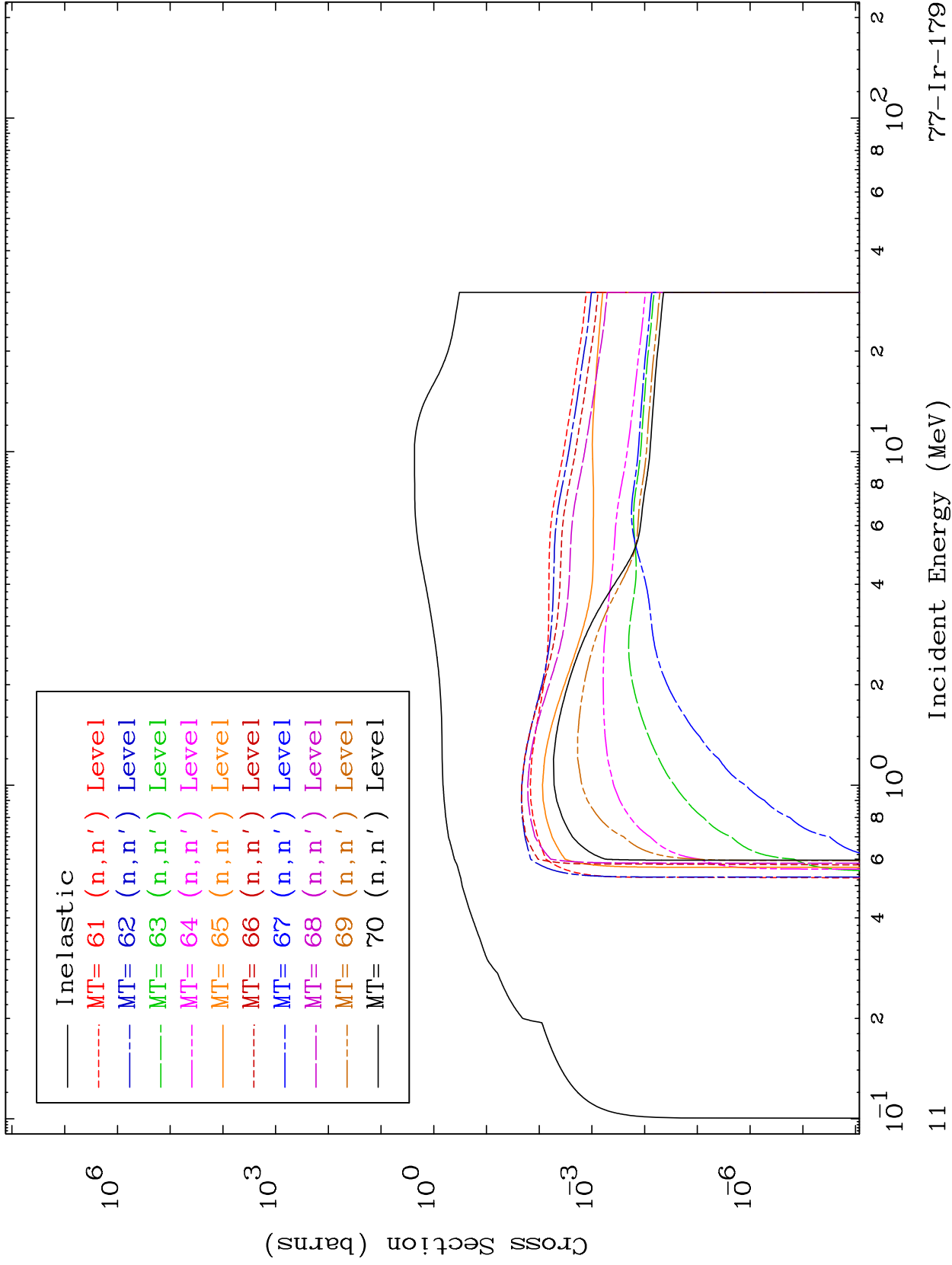
MAT 7689

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-179



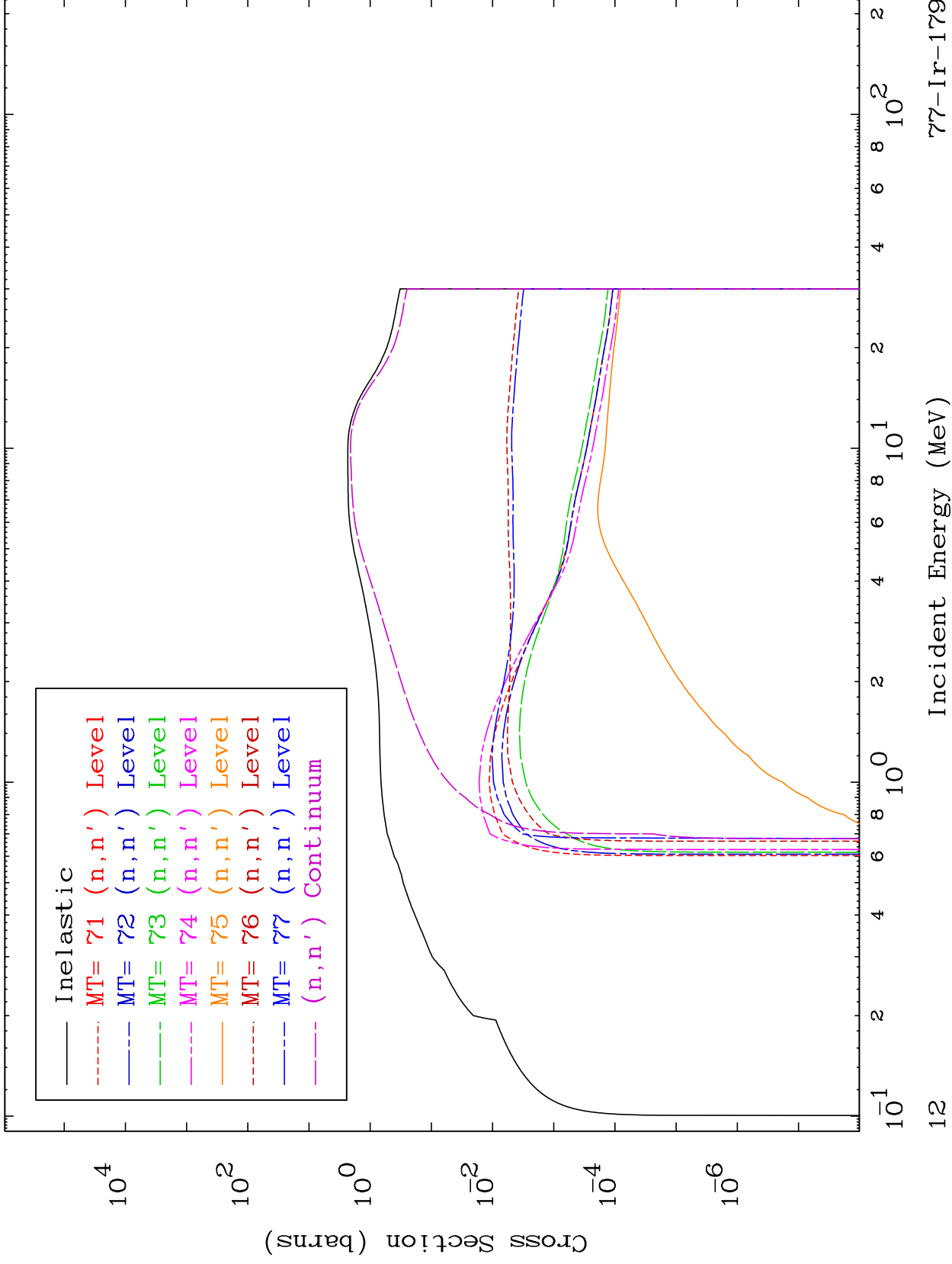
77-Ir-179



MAT 7689

(n,n') Levels
293 Kelvin Cross Sections

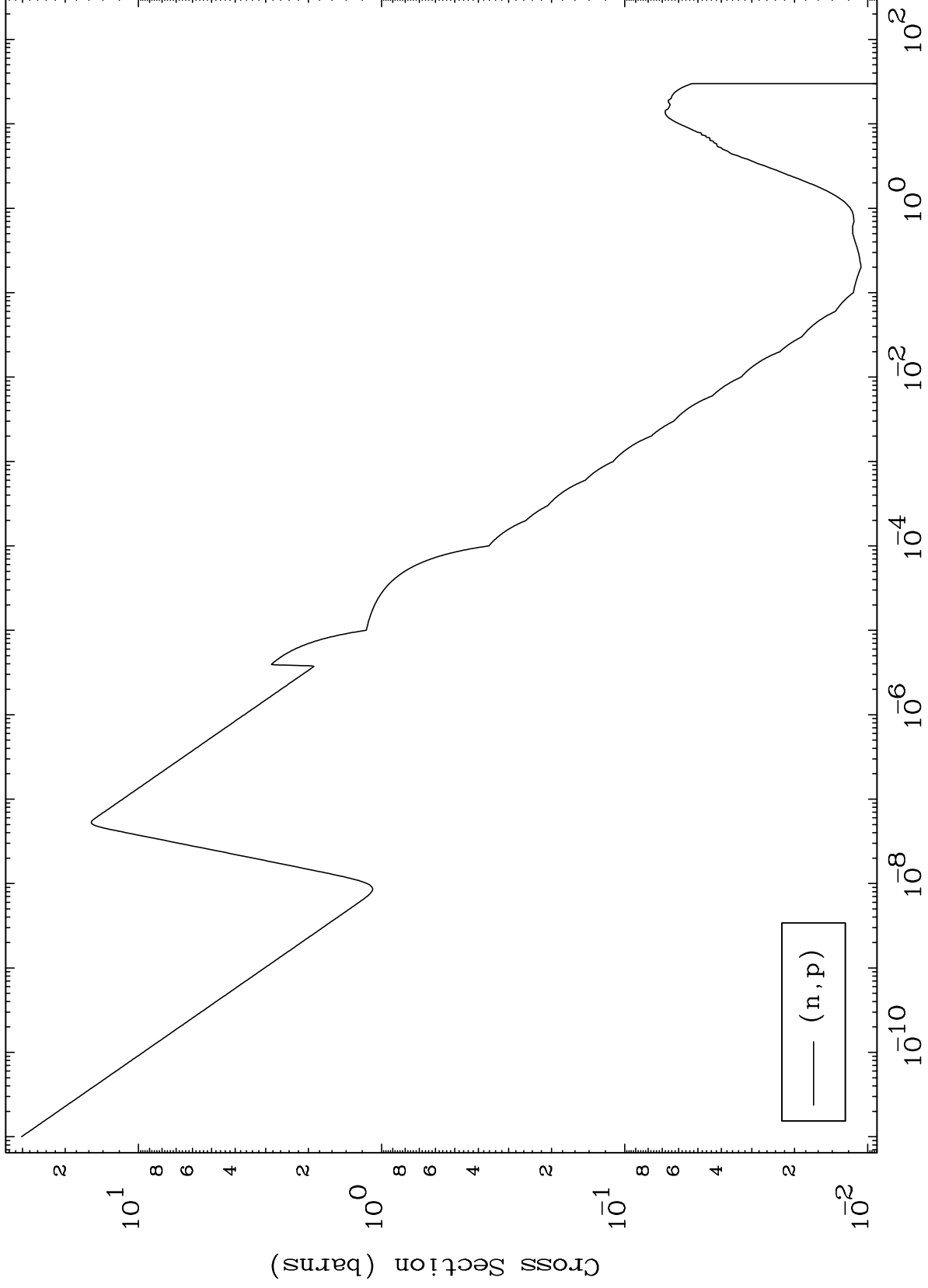
77-Ir-179



MAT 7689

(n,p) Levels
293 Kelvin Cross Sections

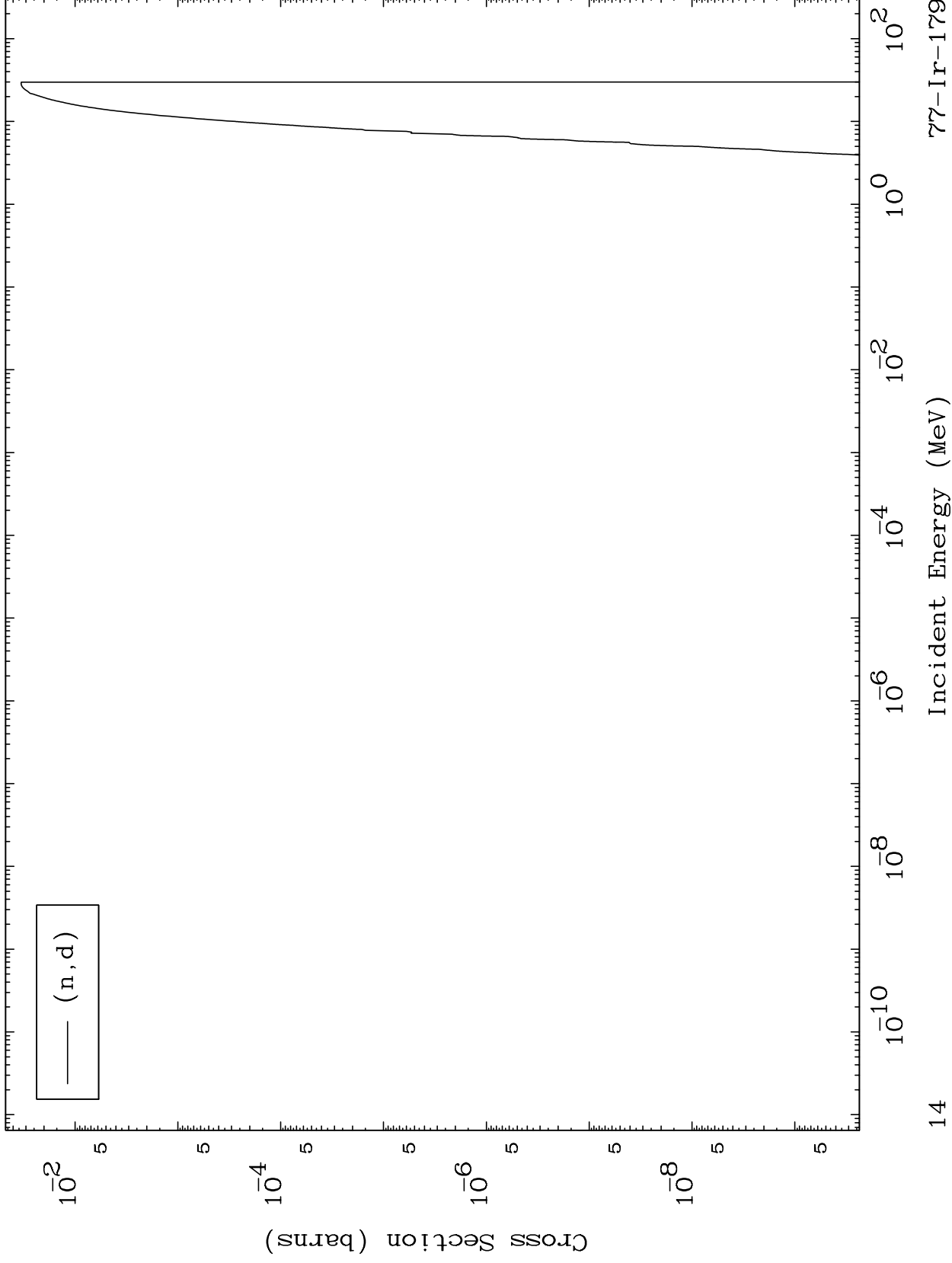
77-Ir-179



MAT 7689

(n,d) Levels
293 Kelvin Cross Sections

⁷⁷Ir-179

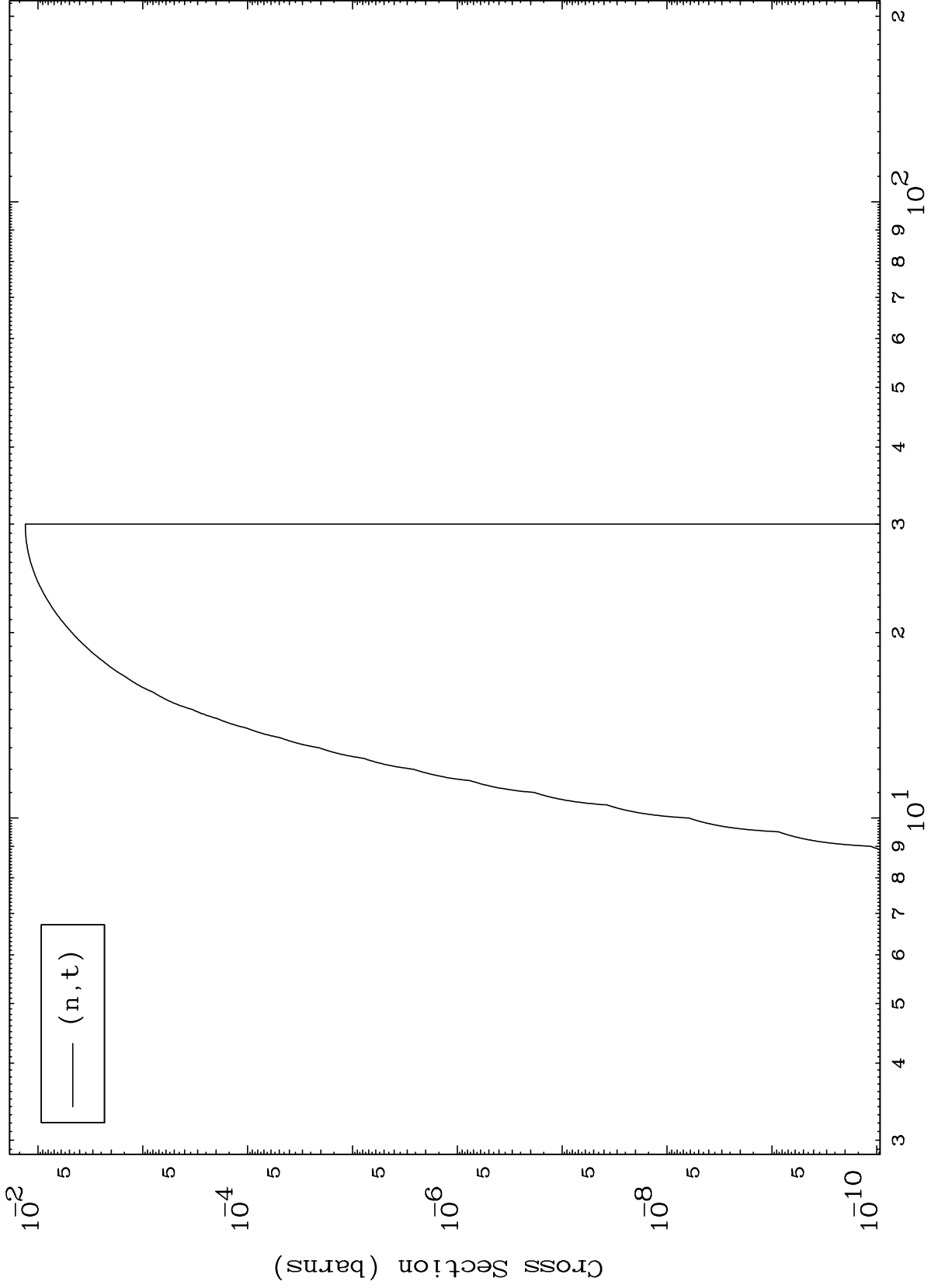


⁷⁷Ir-179

MAT 7689

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-179



15

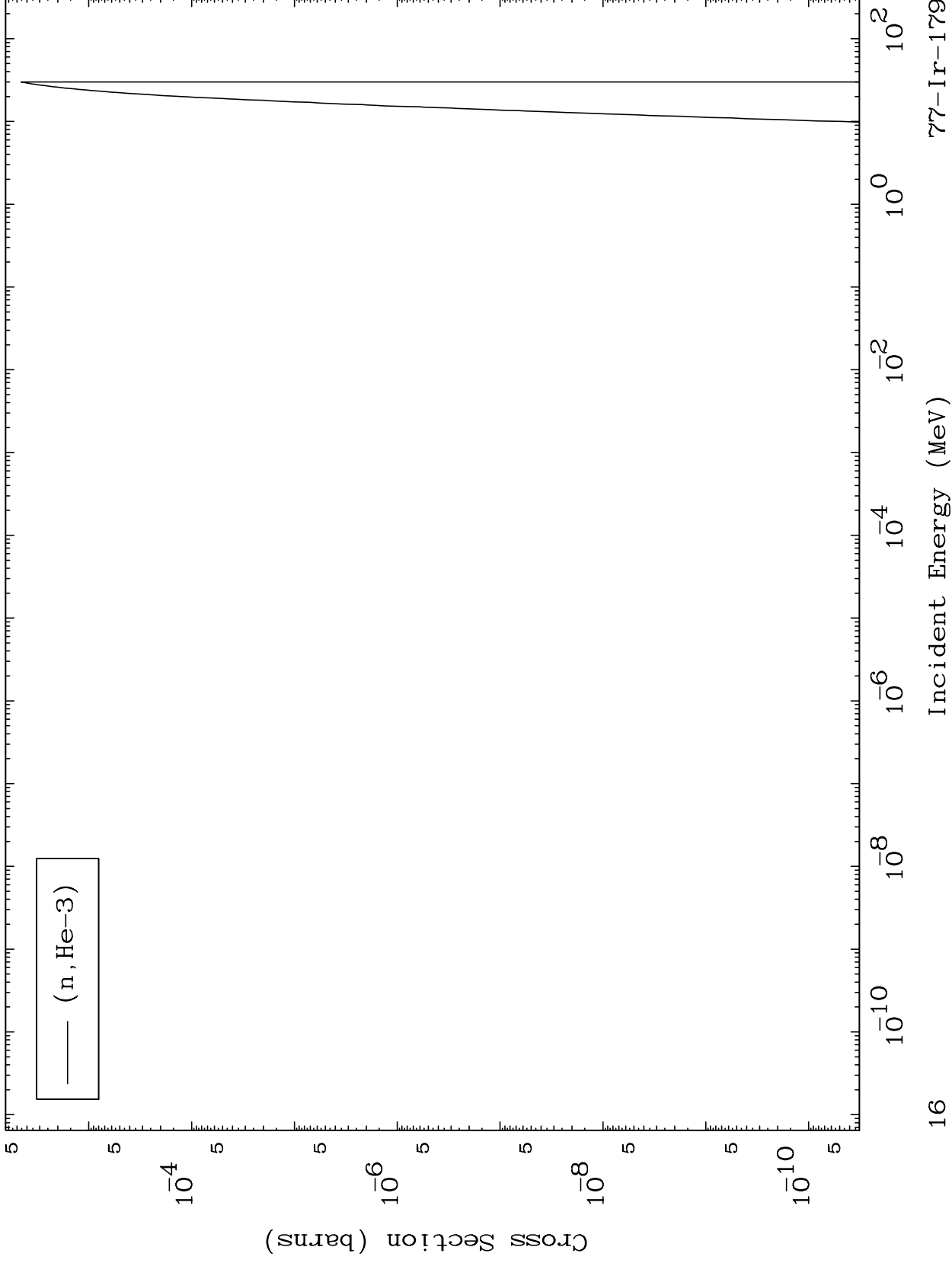
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-179



16

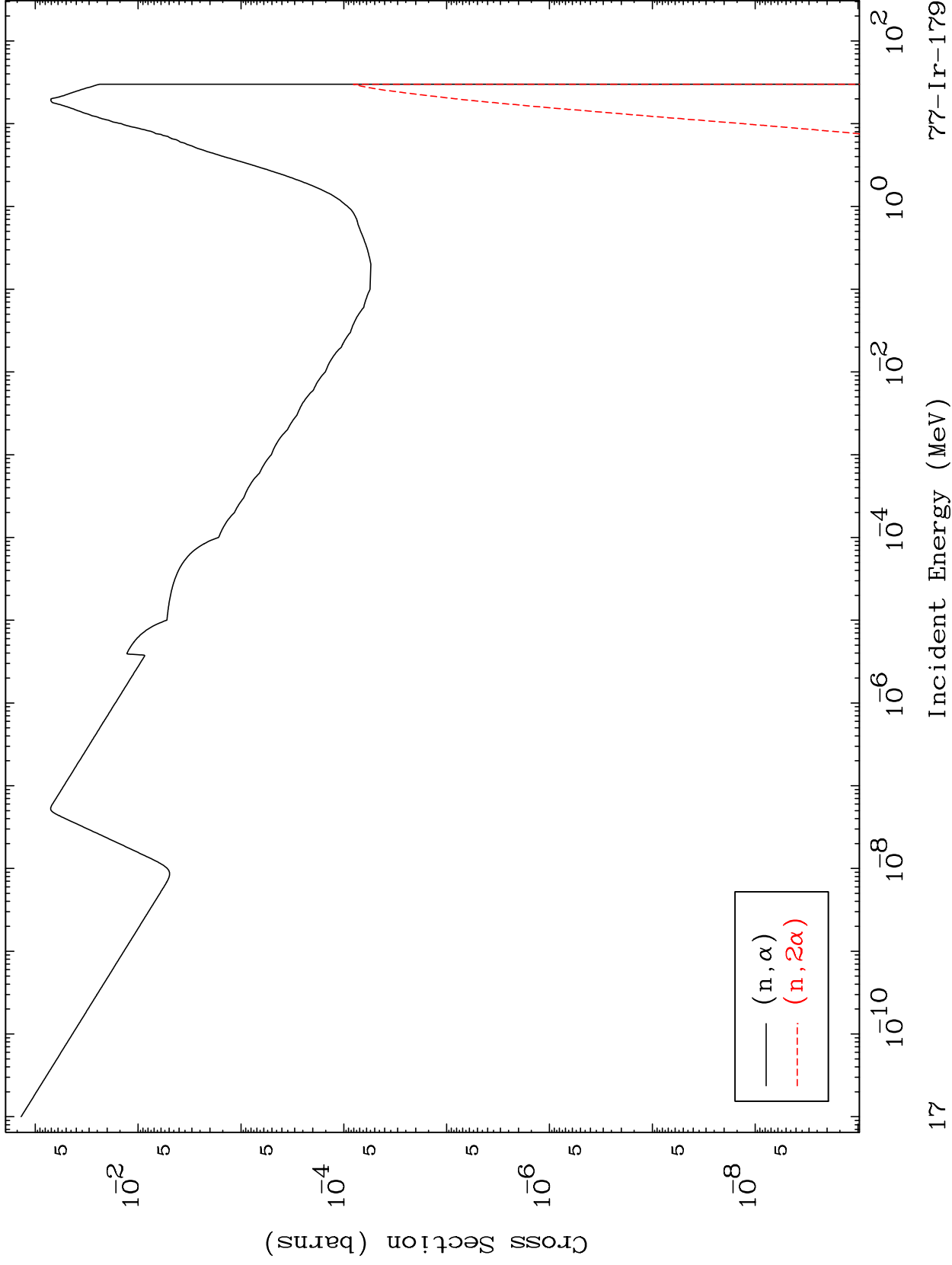
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n, α) Levels
293 Kelvin Cross Sections

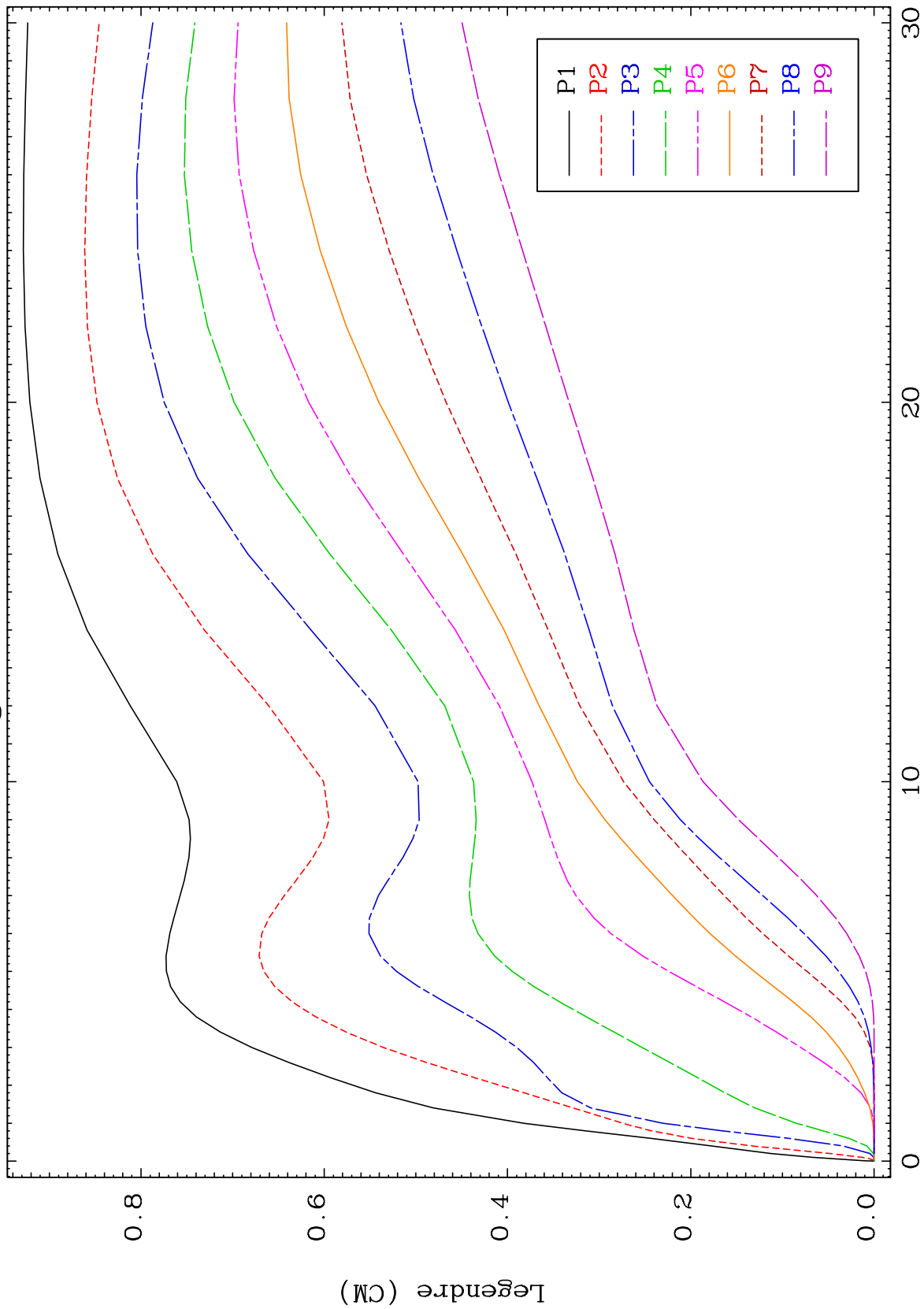
77-Ir-179



MAT 7689

Elastic Legendre Coefficients

⁷⁷Ir-179



18

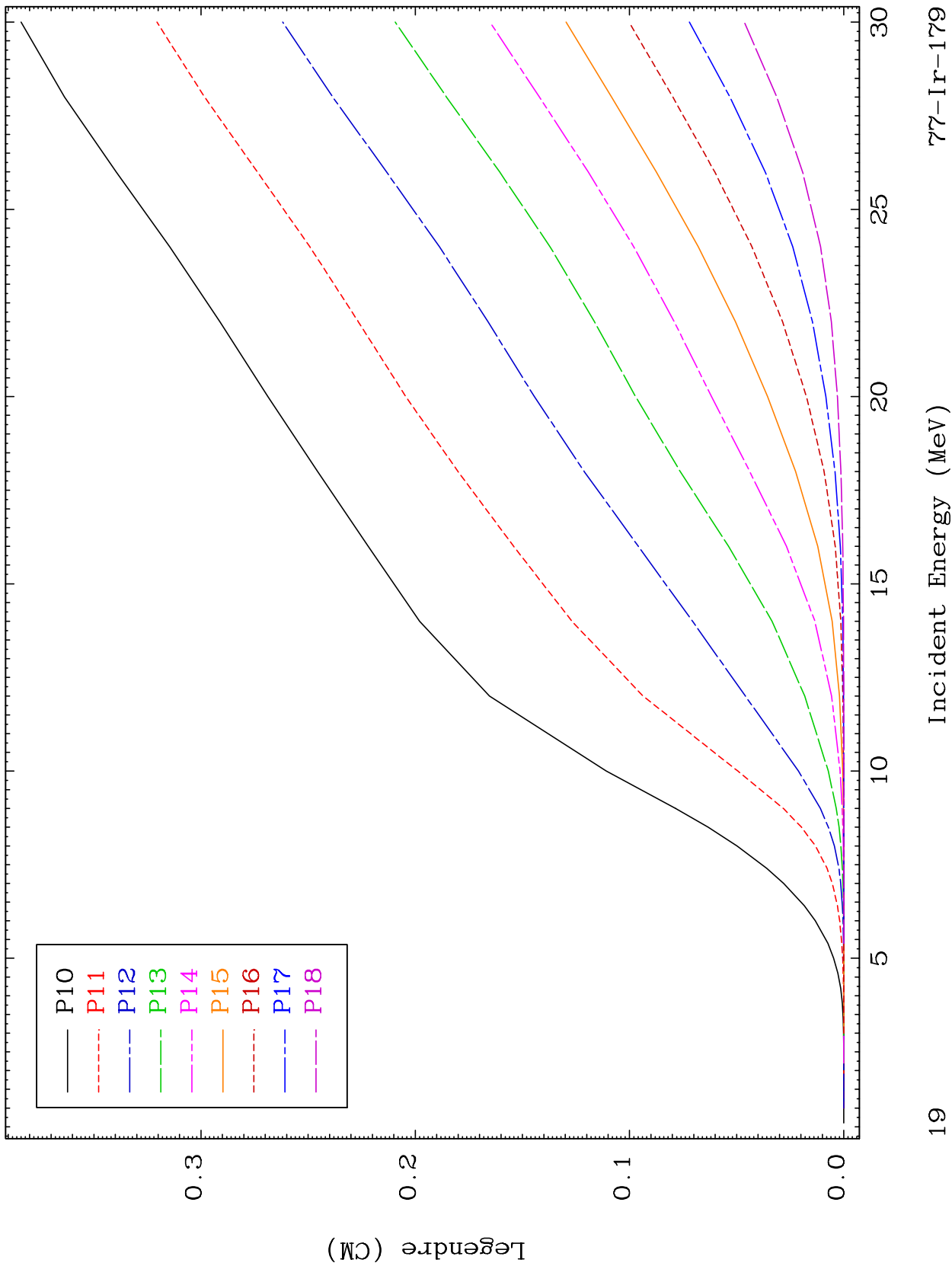
Incident Energy (MeV)

⁷⁷Ir-179

MAT 7689

Elastic Legendre Coefficients

⁷⁷Ir-179



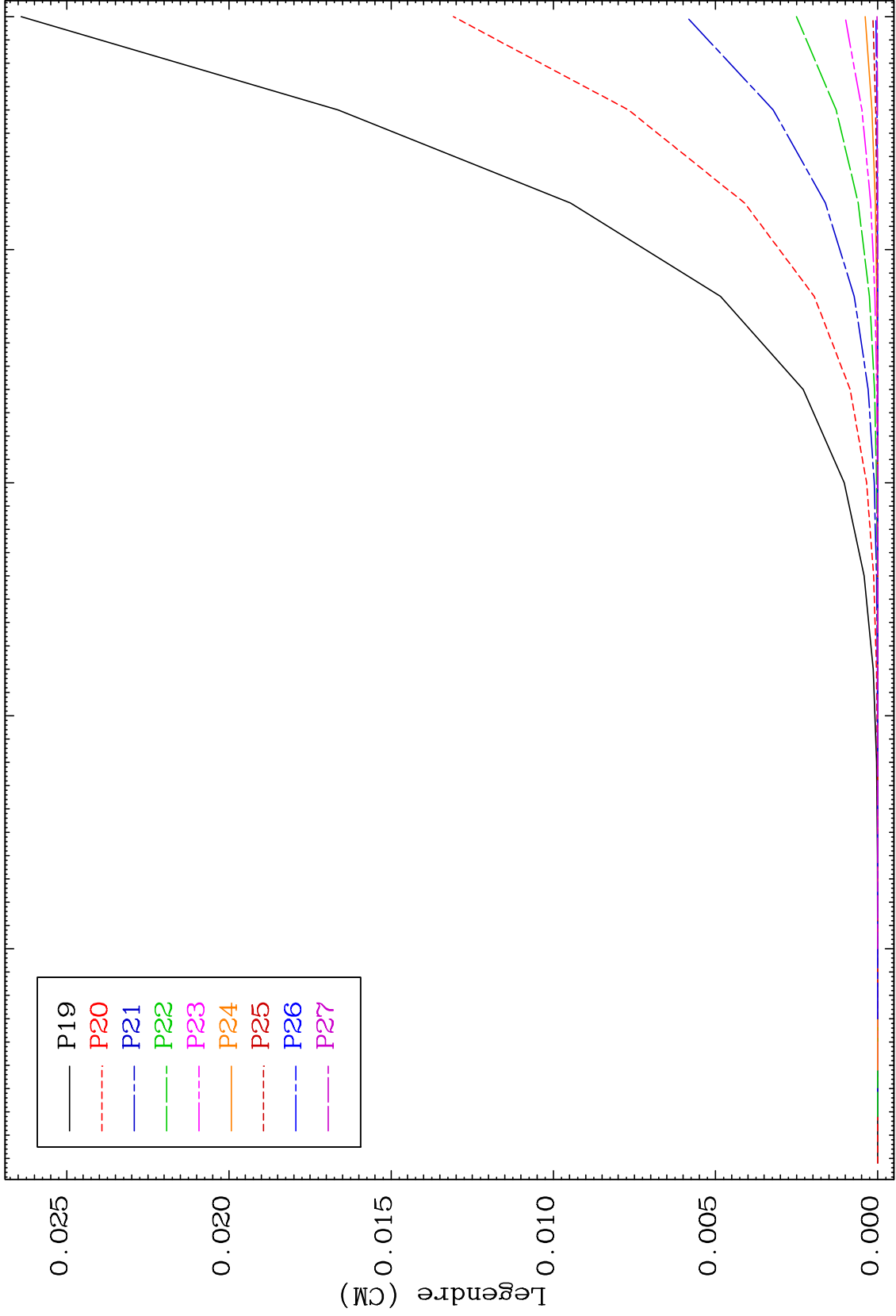
19

⁷⁷Ir-179

MAT 7689

Elastic Legendre Coefficients

⁷⁷Ir-179



20

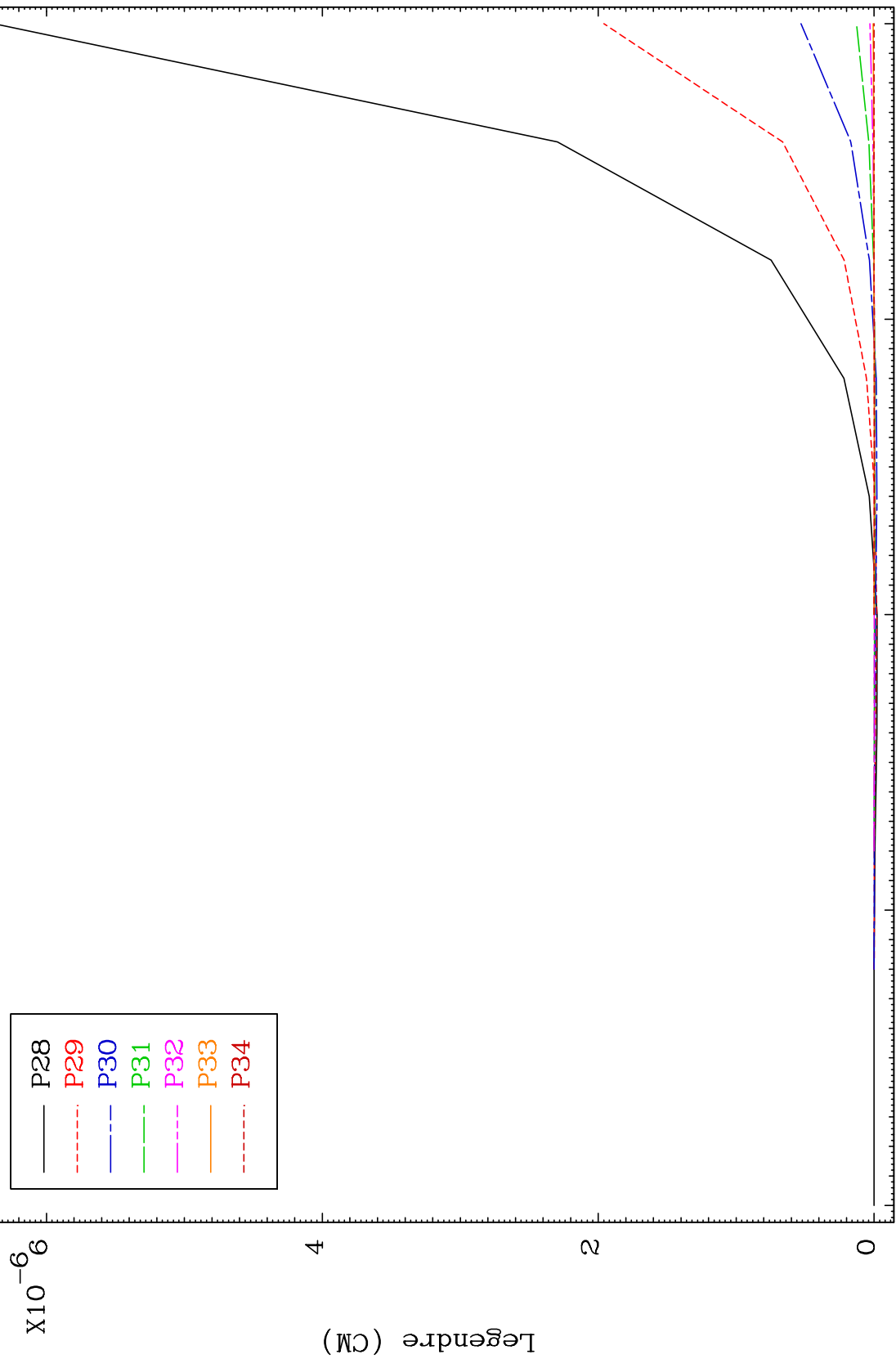
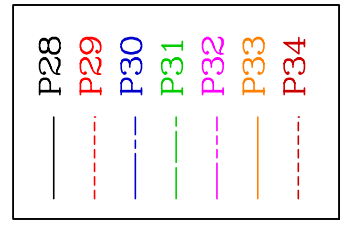
Incident Energy (MeV)

⁷⁷Ir-179

MAT 7689

Elastic Legendre Coefficients

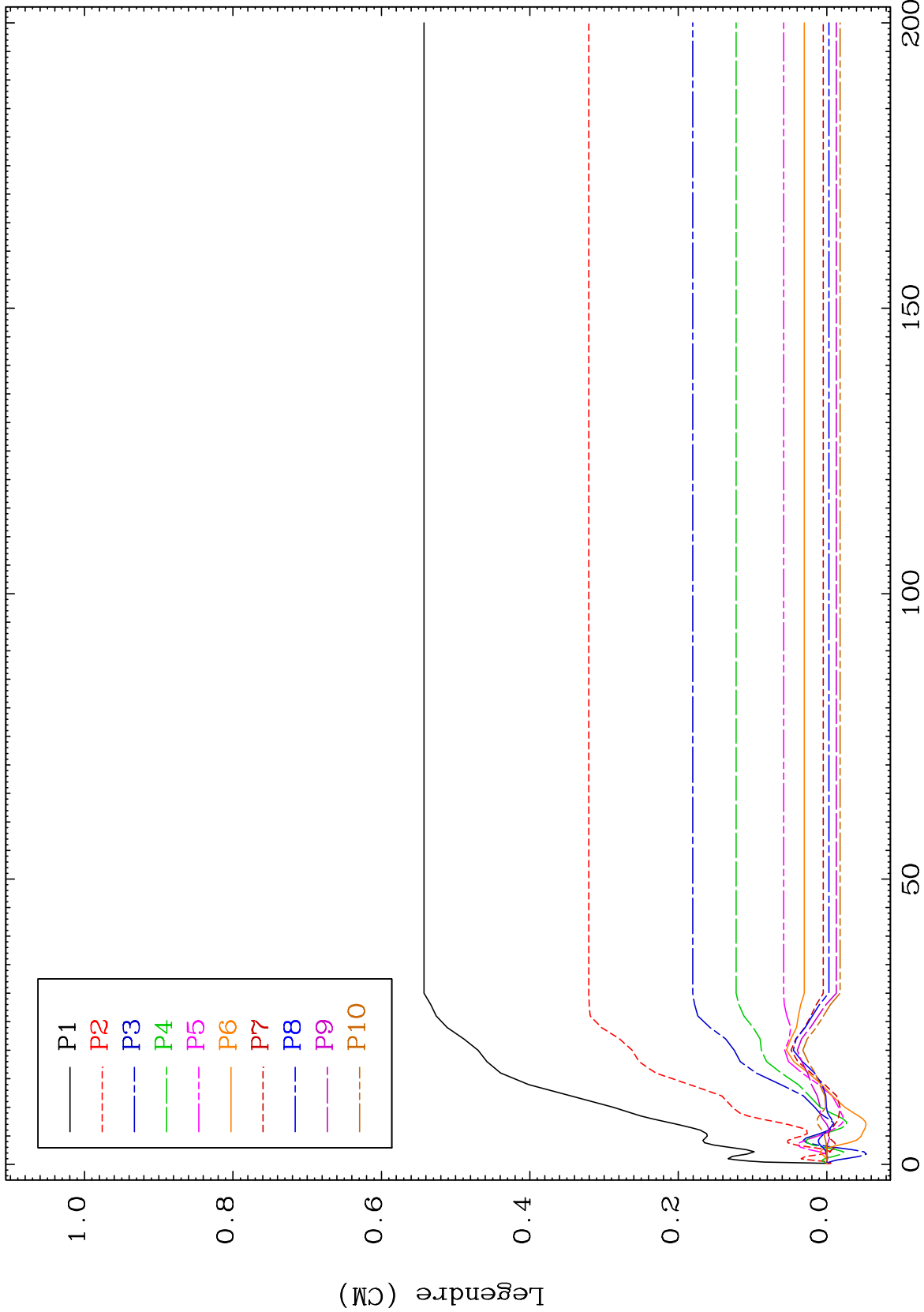
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21

Incident Energy (MeV)

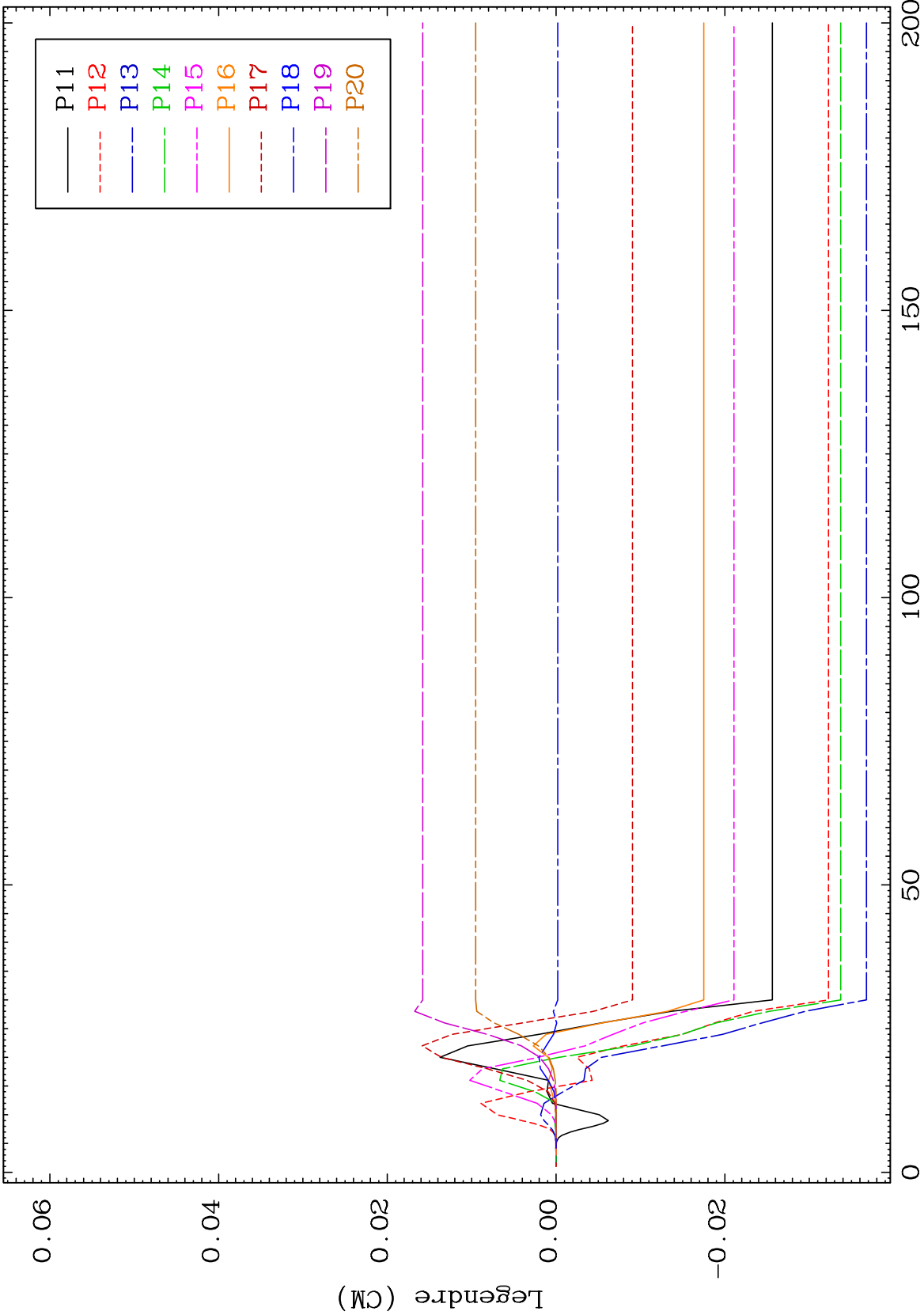
⁷⁷Ir-179



MAT 7689

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

77-Ir-179



23

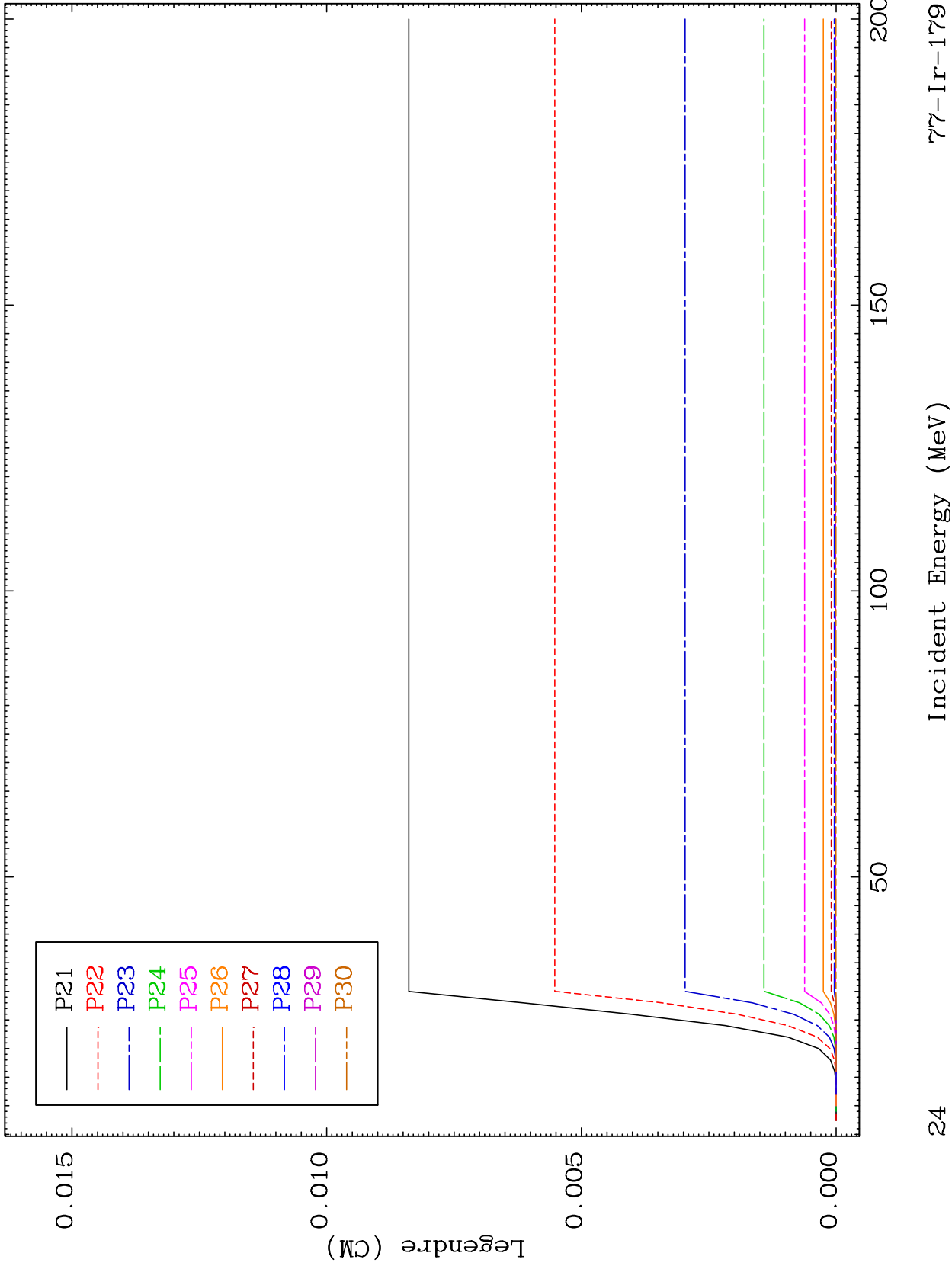
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



24

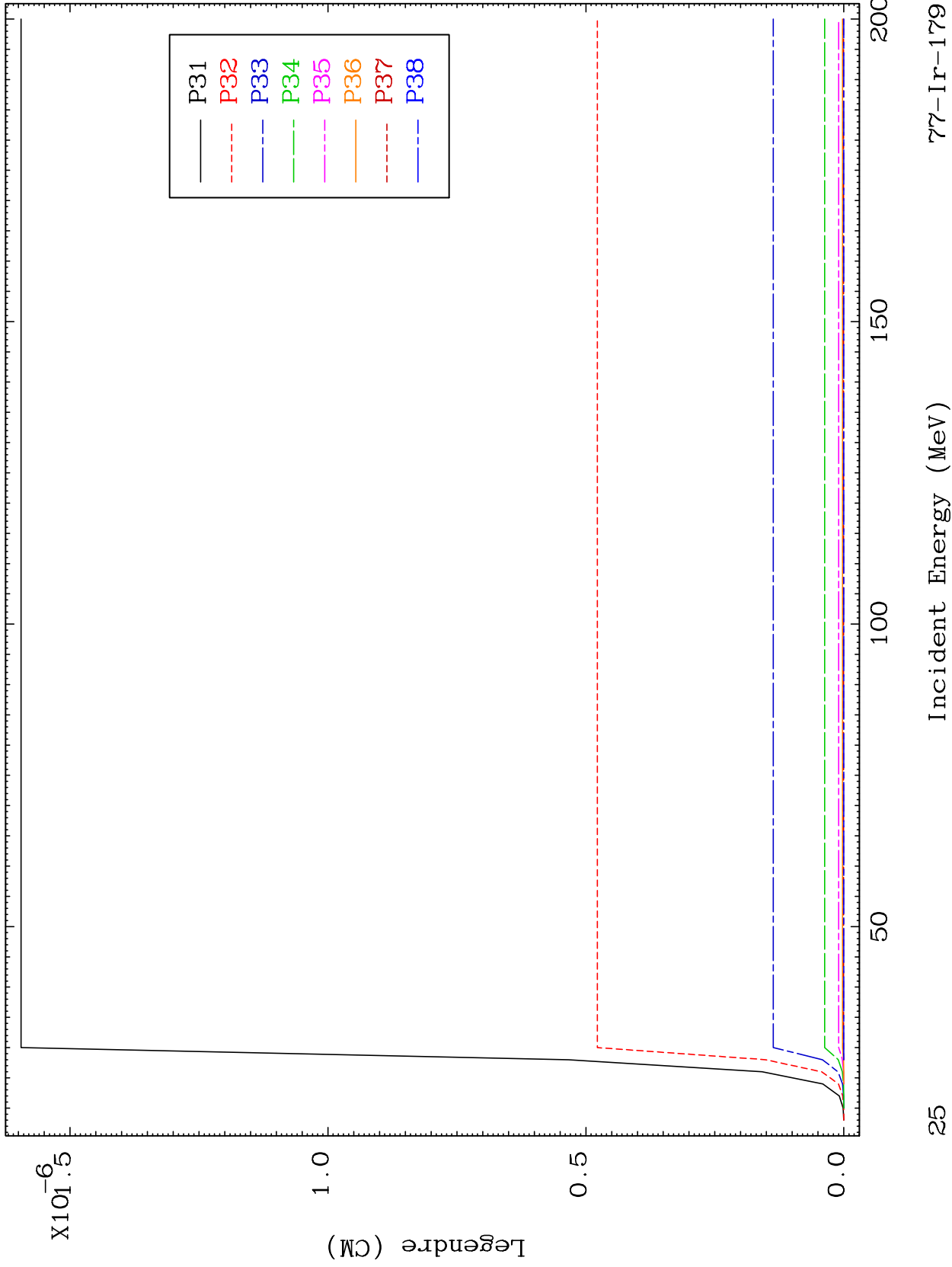
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

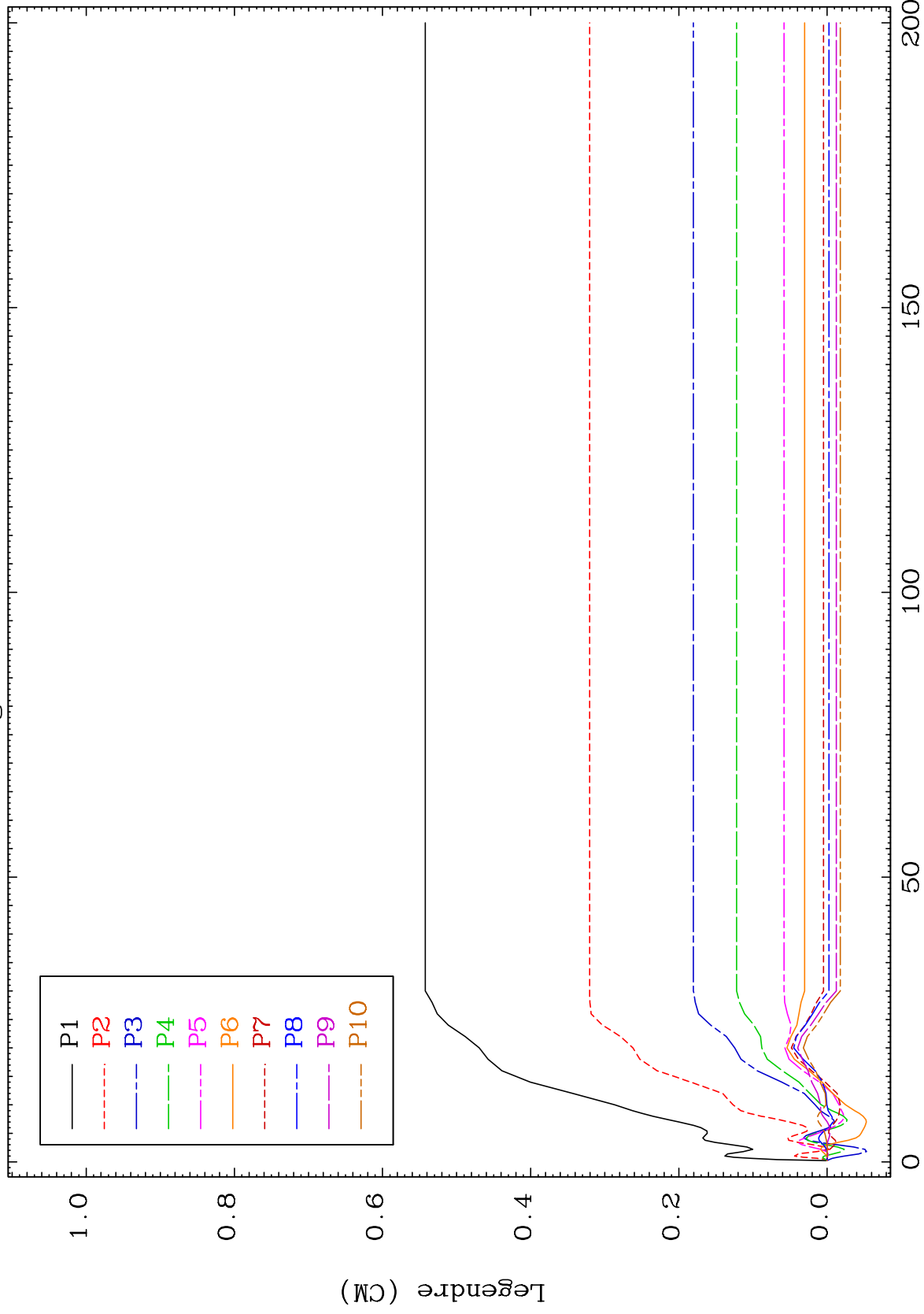
77-Ir-179



MAT 7689

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

77-Ir-179



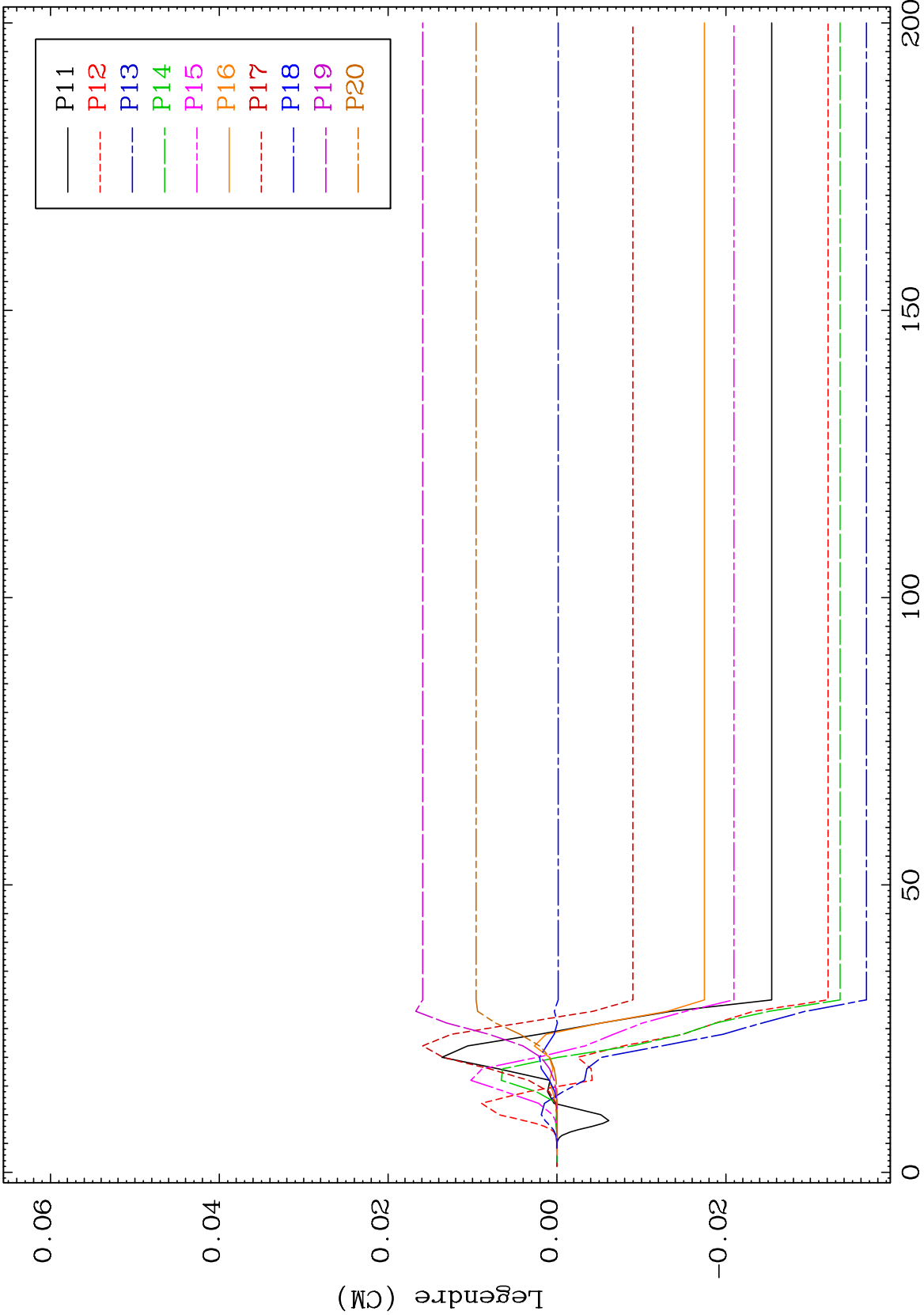
26

77-Ir-179

MAT 7689

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

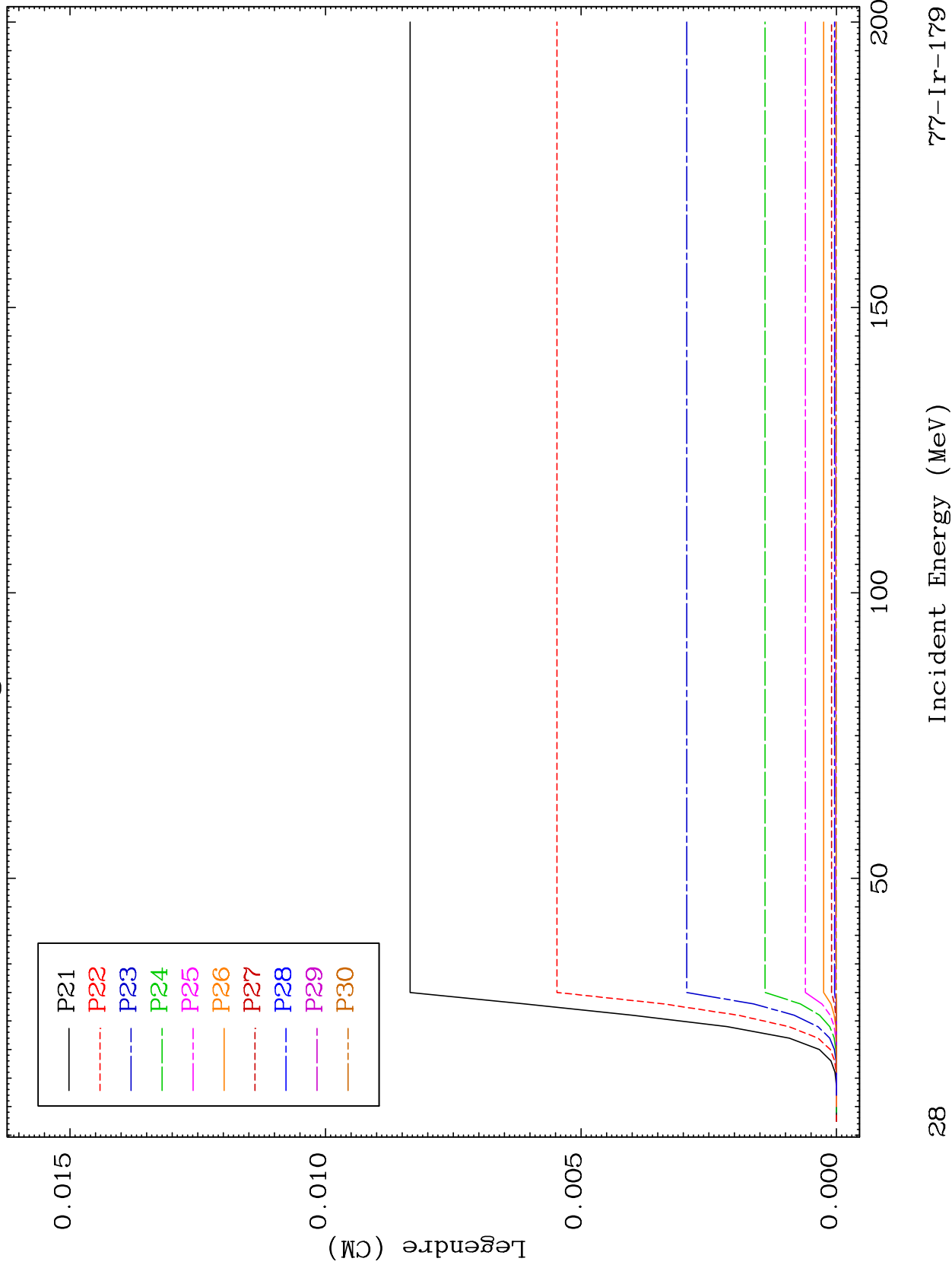
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27

Incident Energy (MeV)

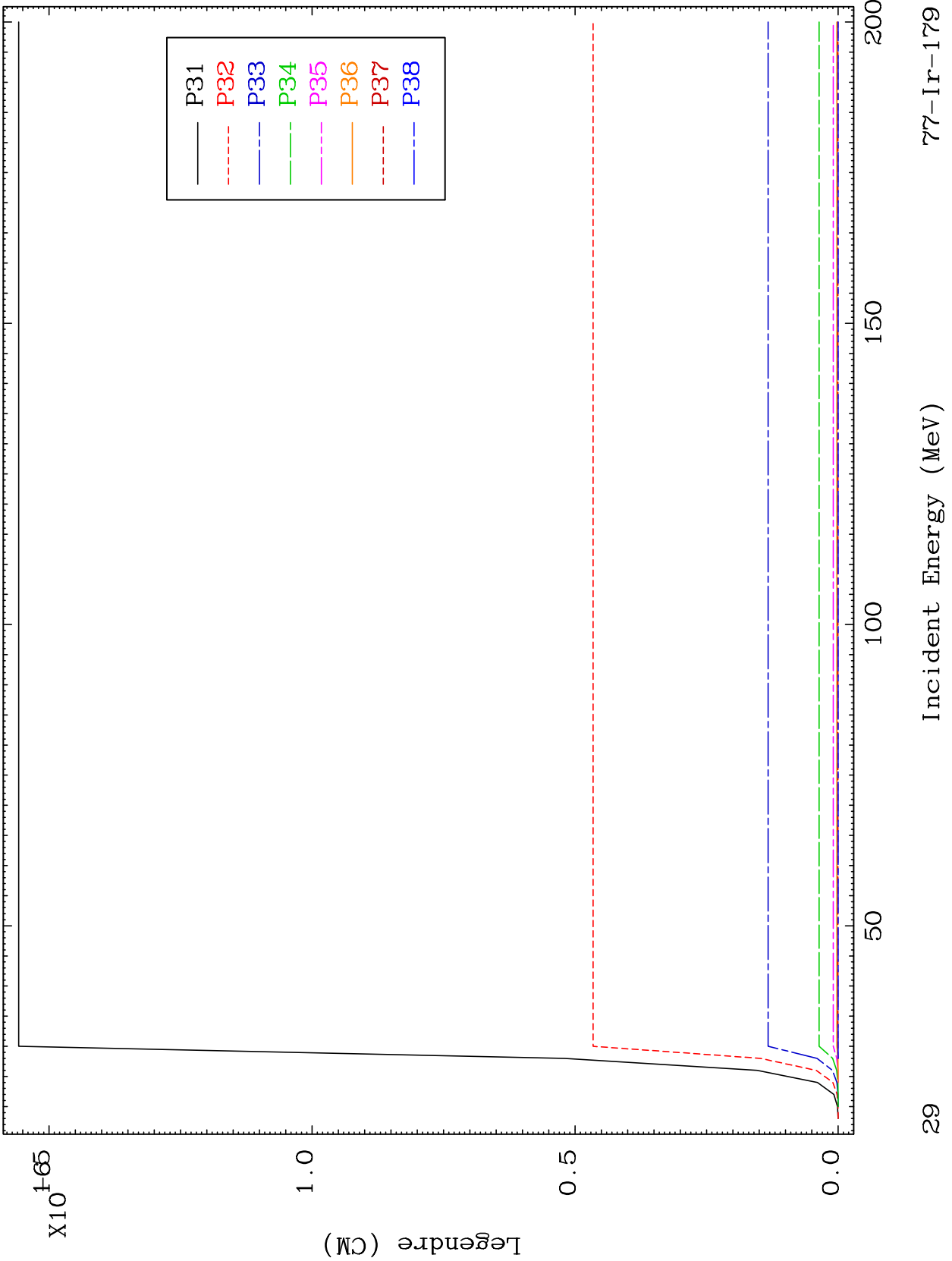
77-Ir-179



MAT 7689

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

77-Ir-179



29

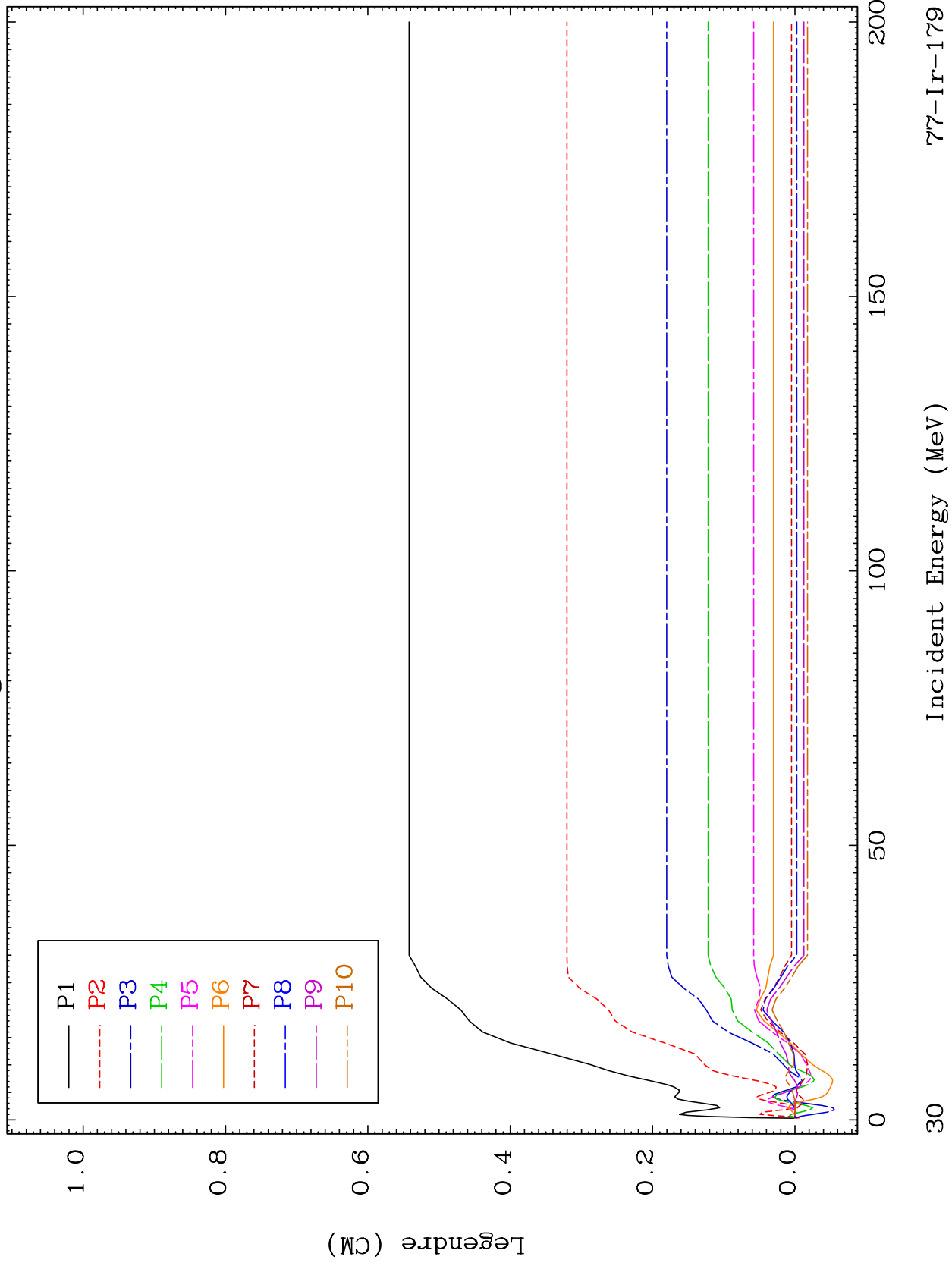
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

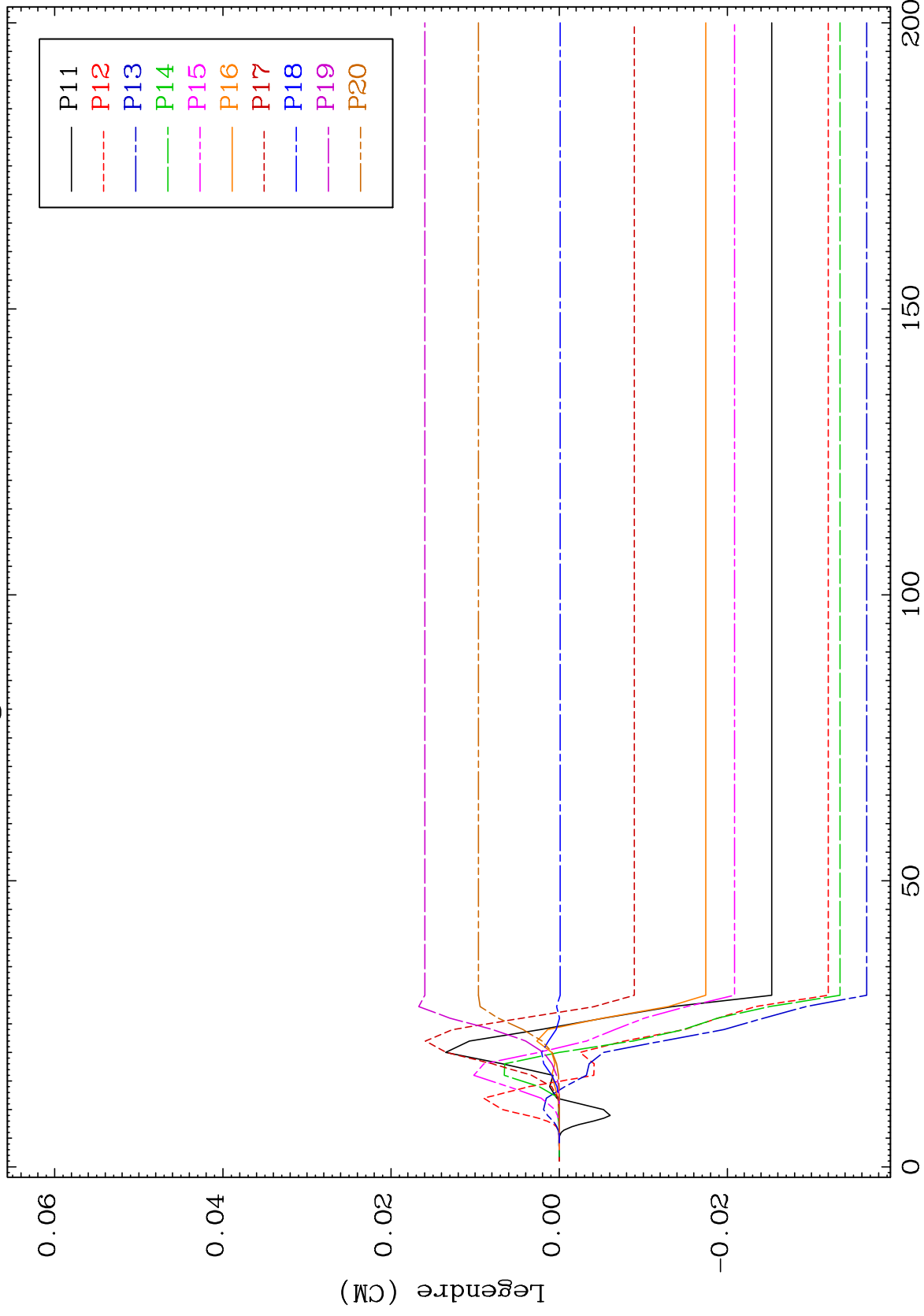
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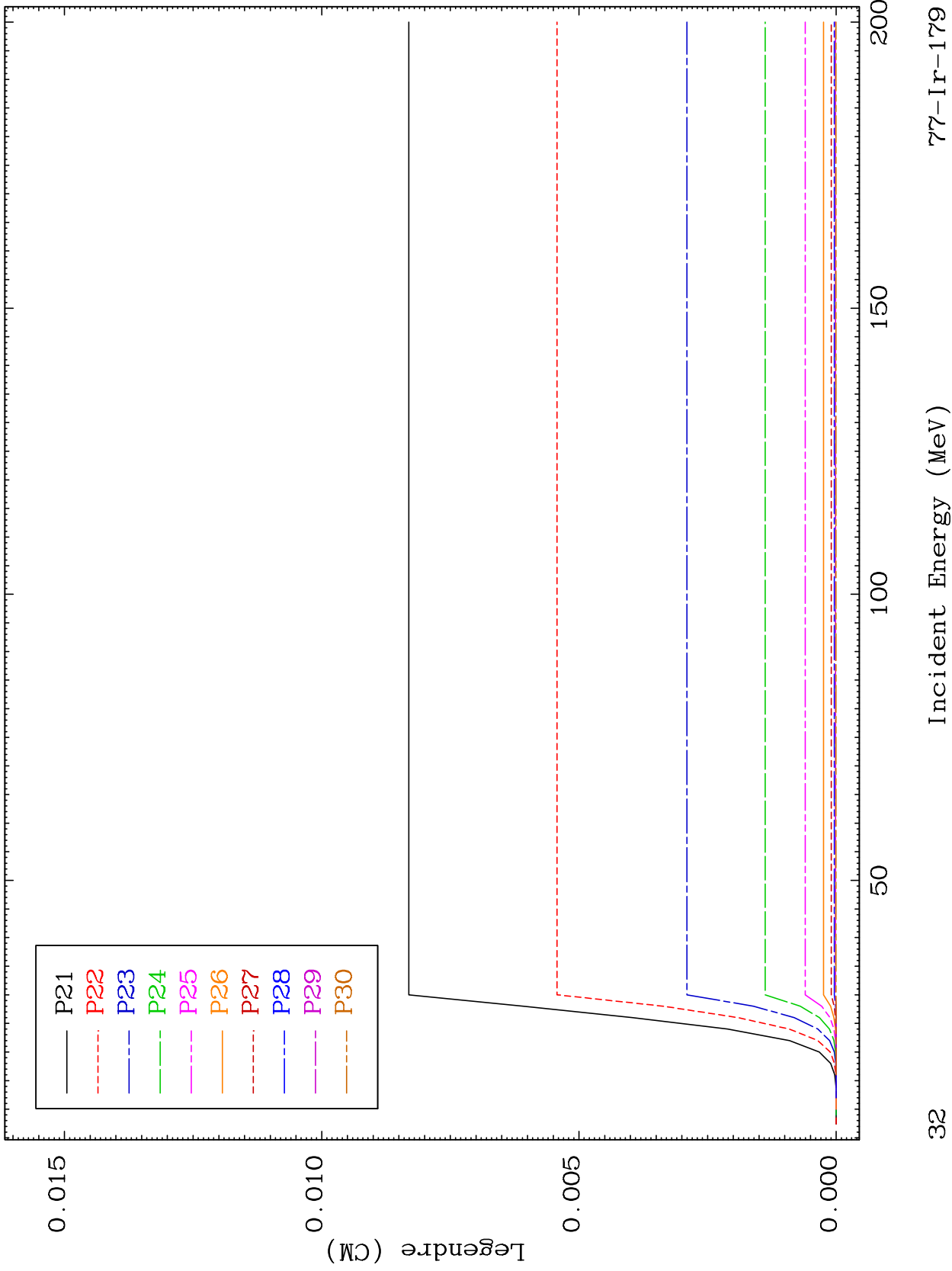


77-Ir-179

Incident Energy (MeV)

30

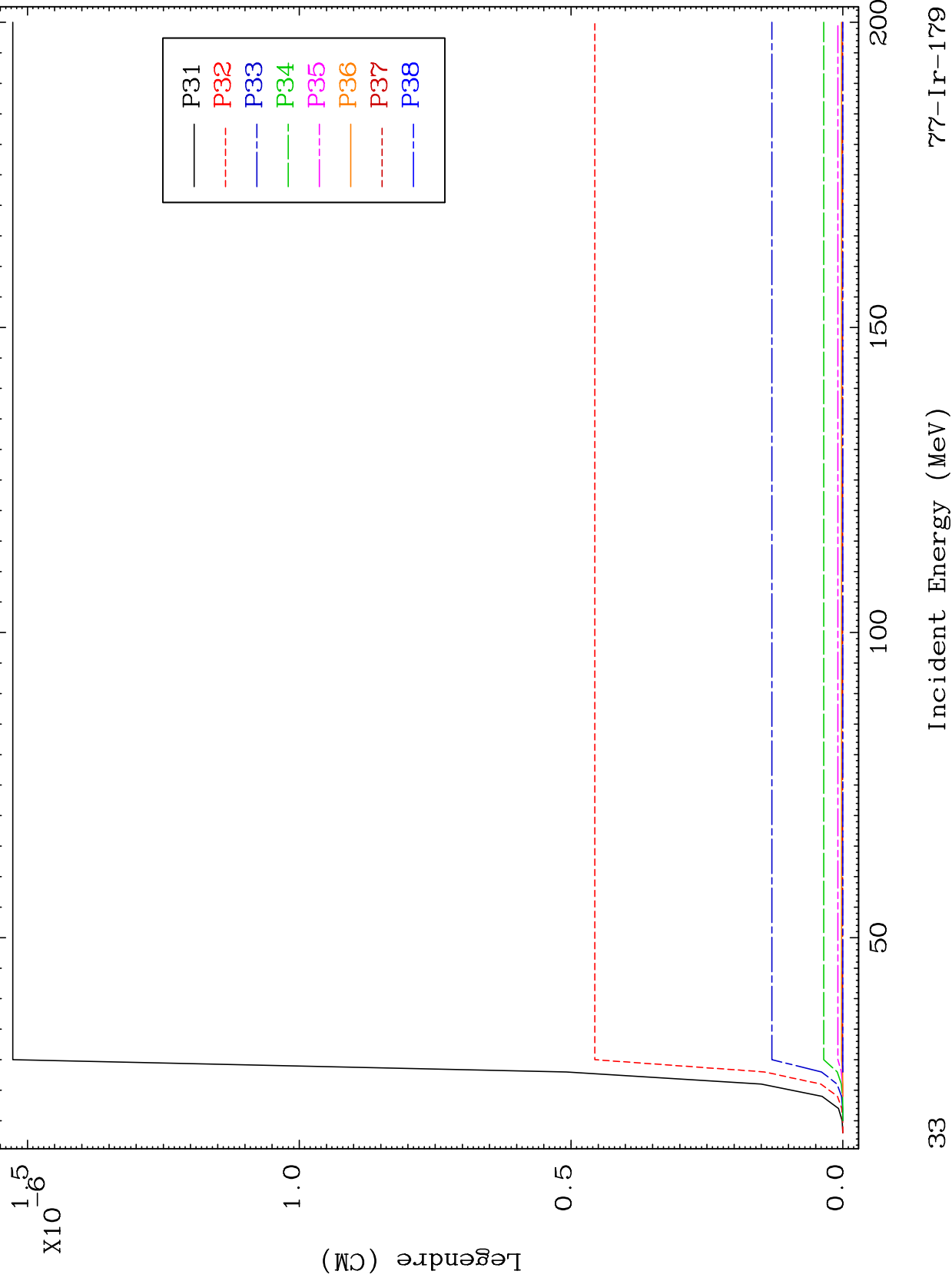




MAT 7689

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

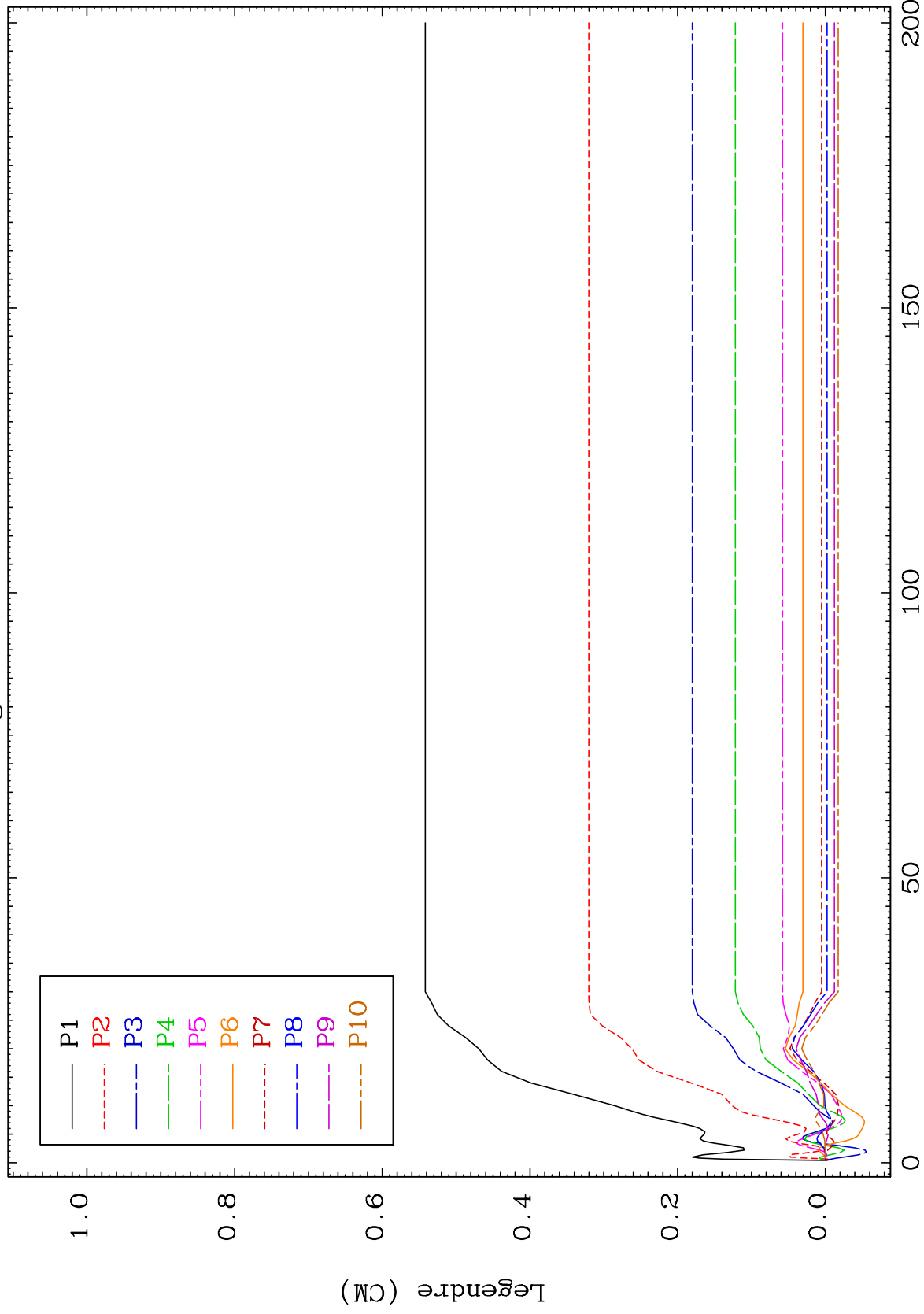
77-Ir-179



33

Incident Energy (MeV)

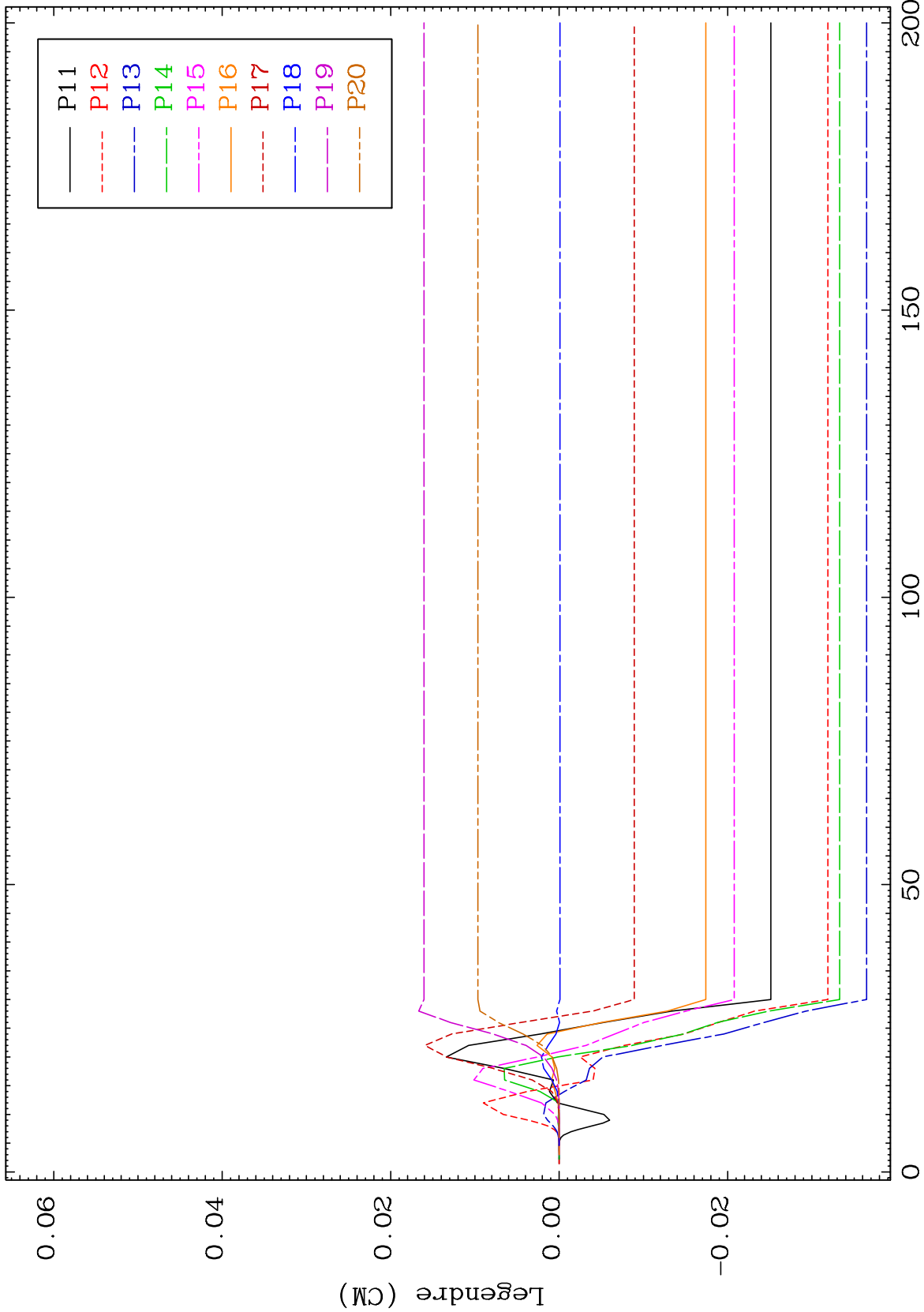
77-Ir-179



MAT 7689

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

77-Ir-179



35

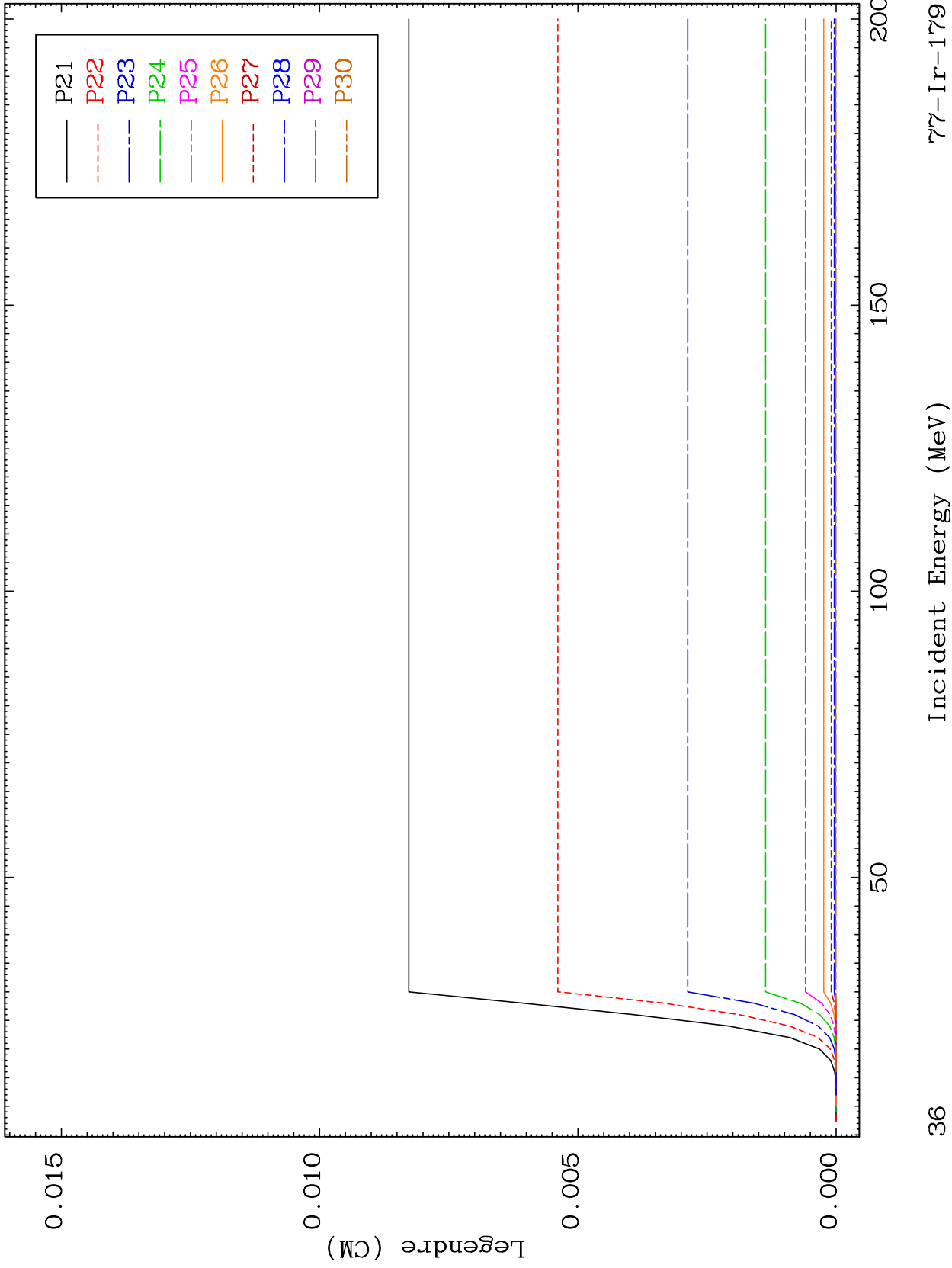
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



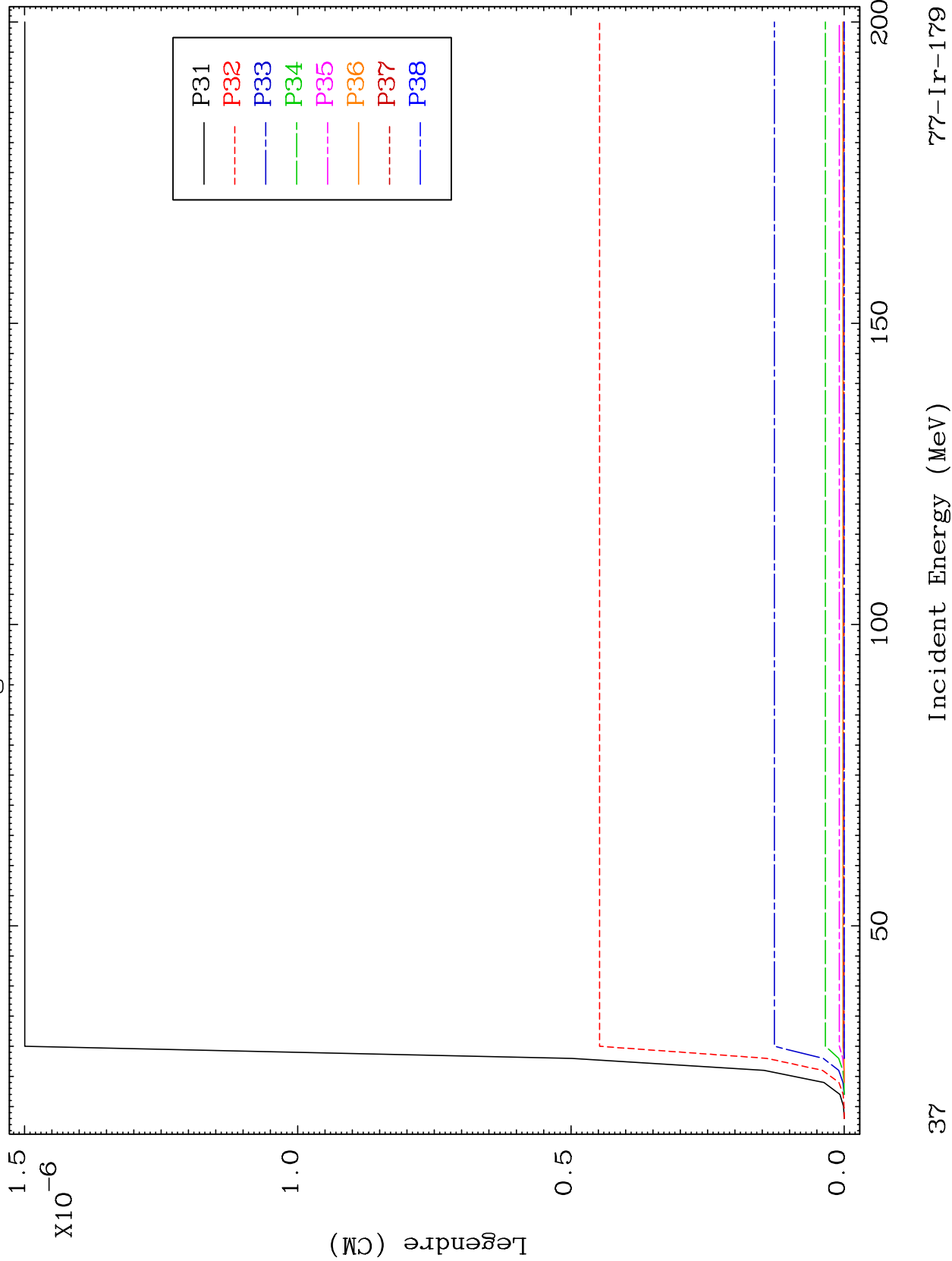
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77-Ir-179

MAT 7689

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

77-Ir-179



37

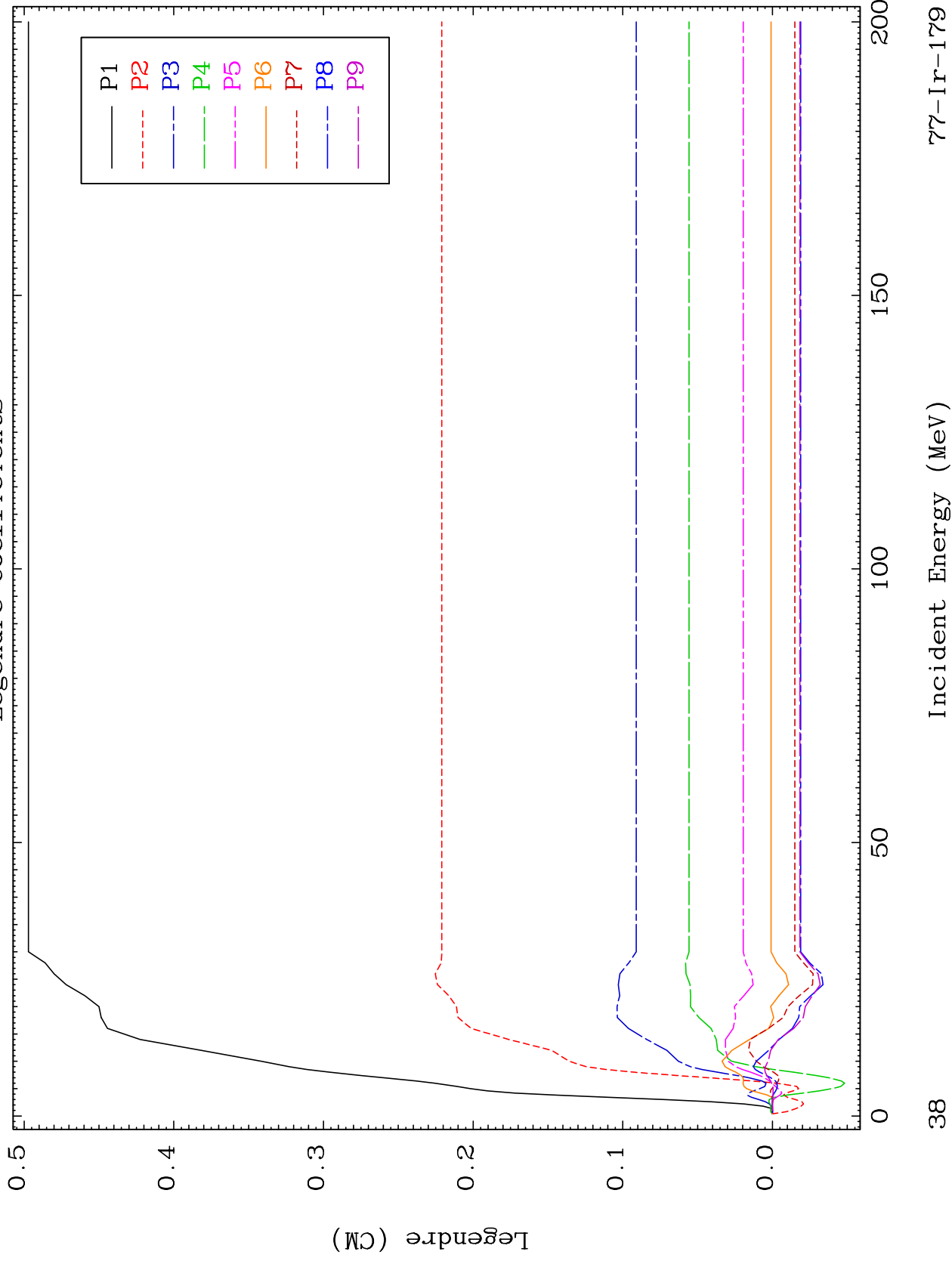
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

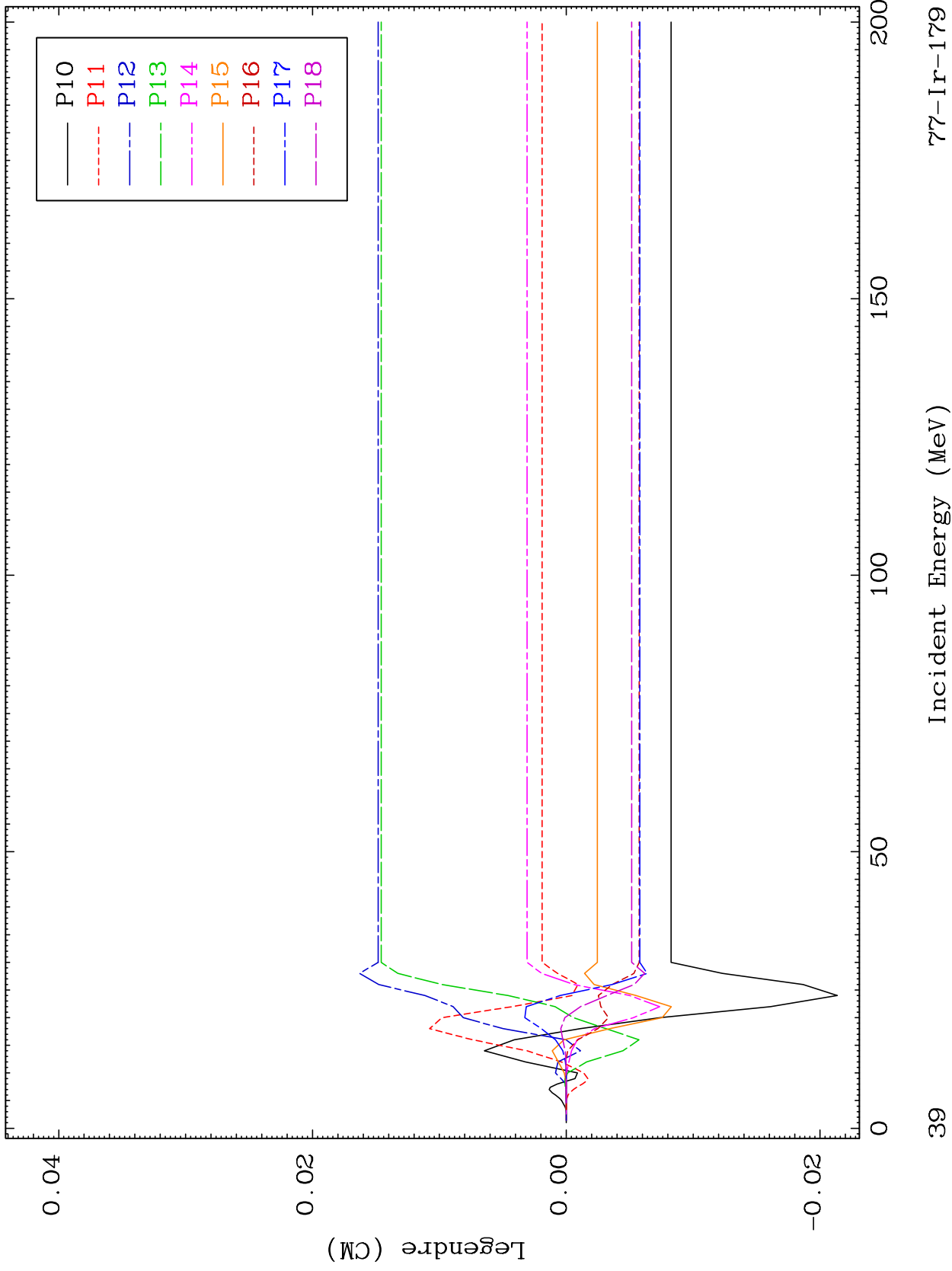
Incident Energy (MeV)

38

MAT 7689

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

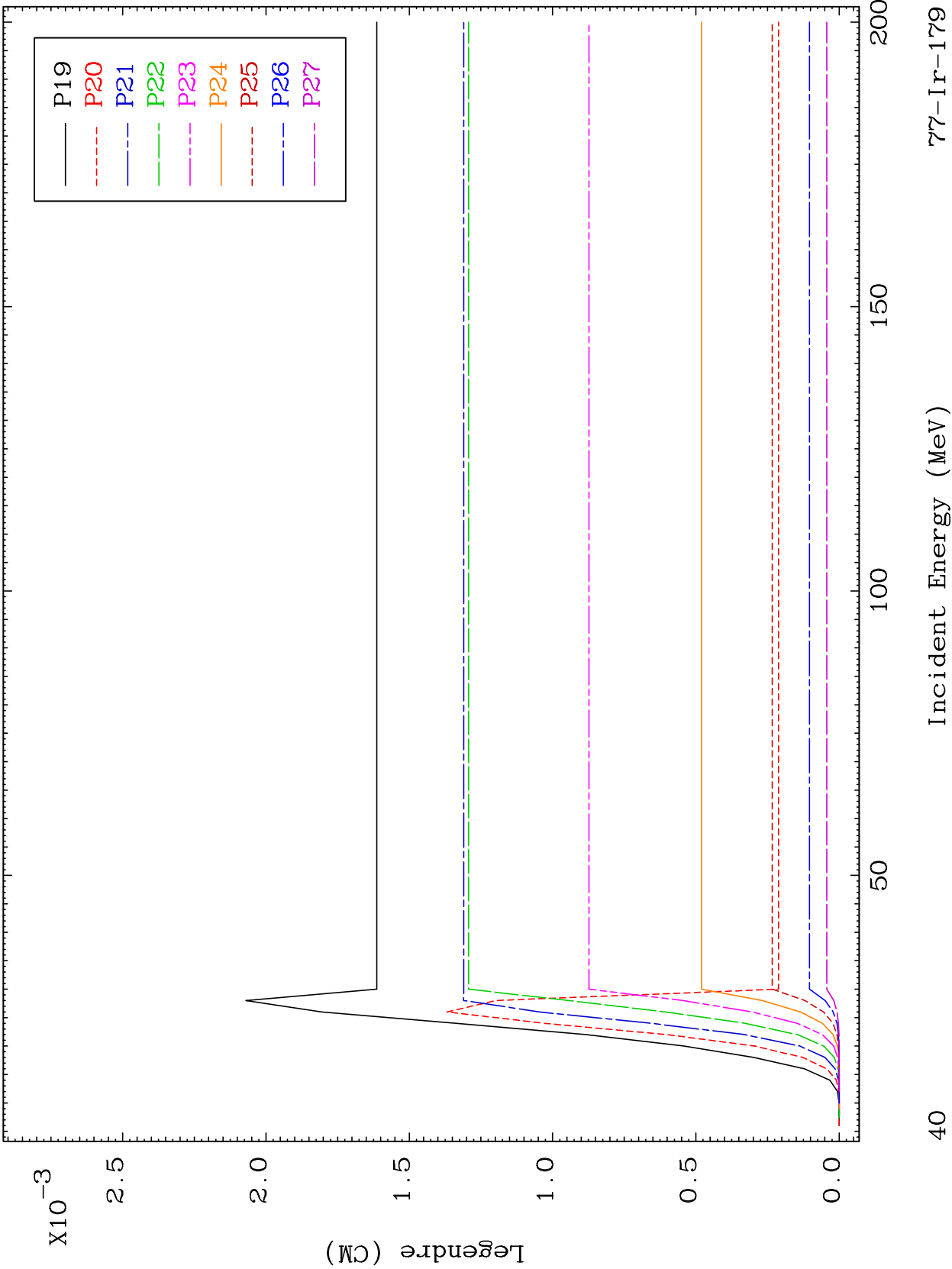
77-Ir-179



MAT 7689

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

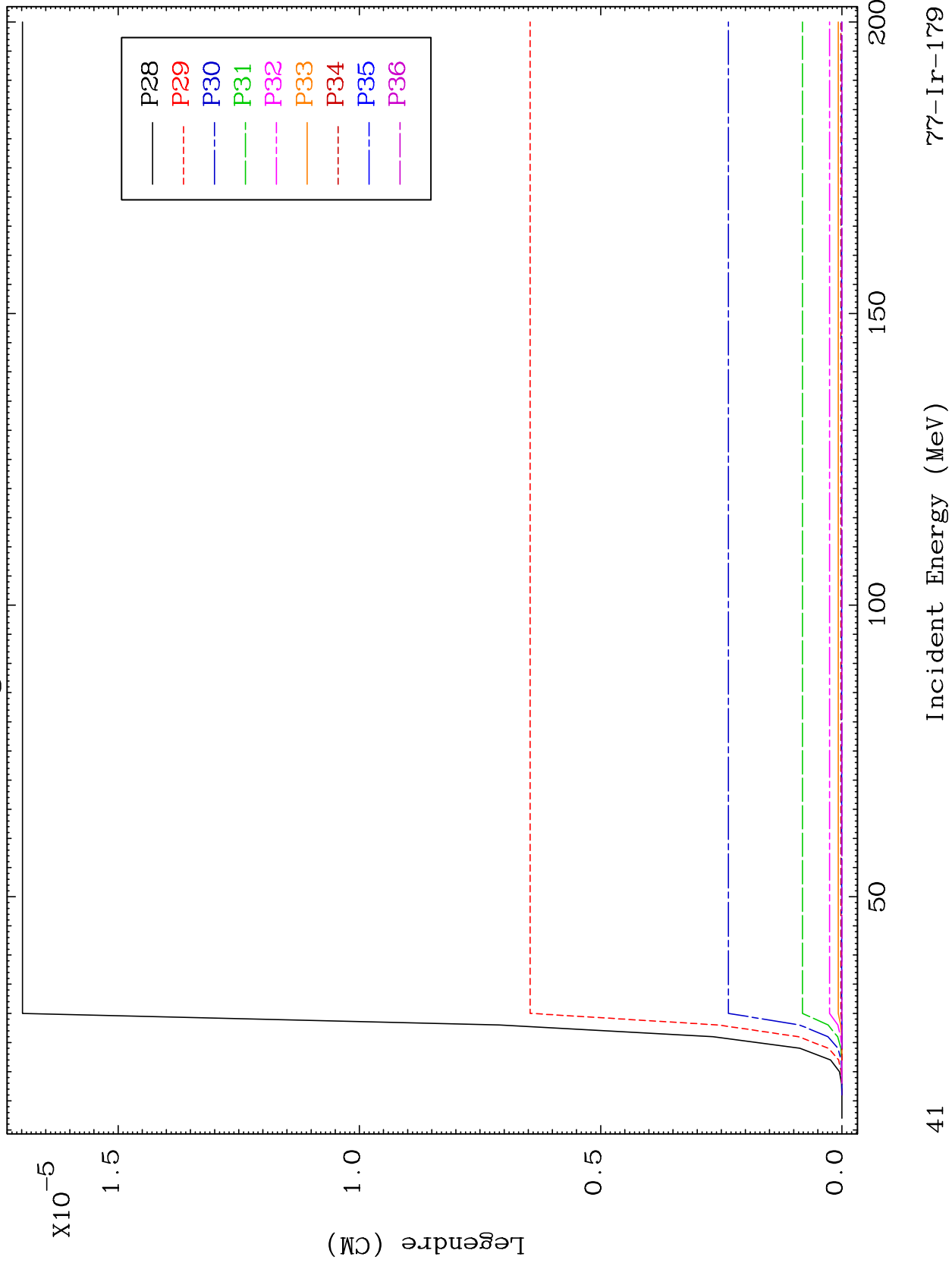
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MAT 7689

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

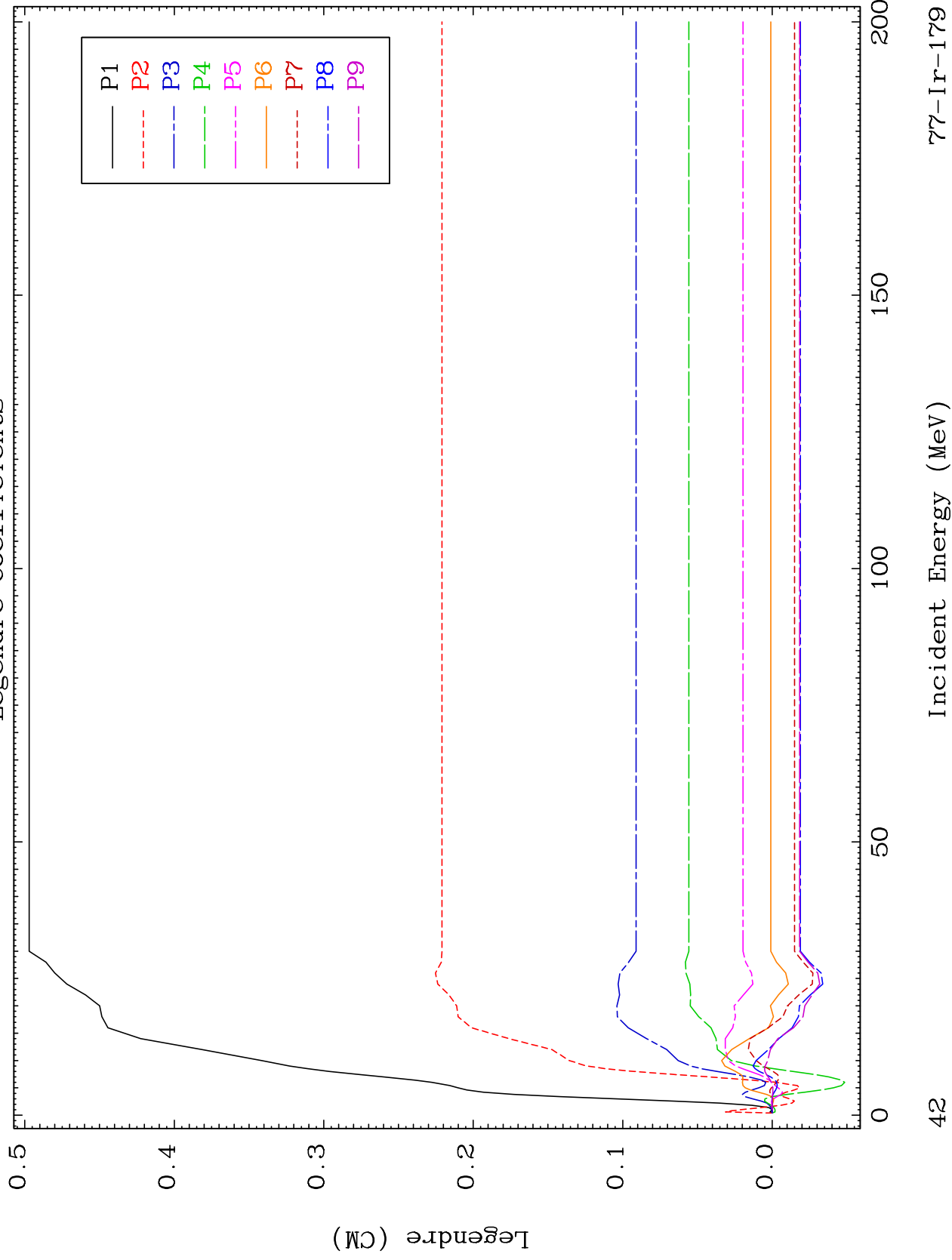
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

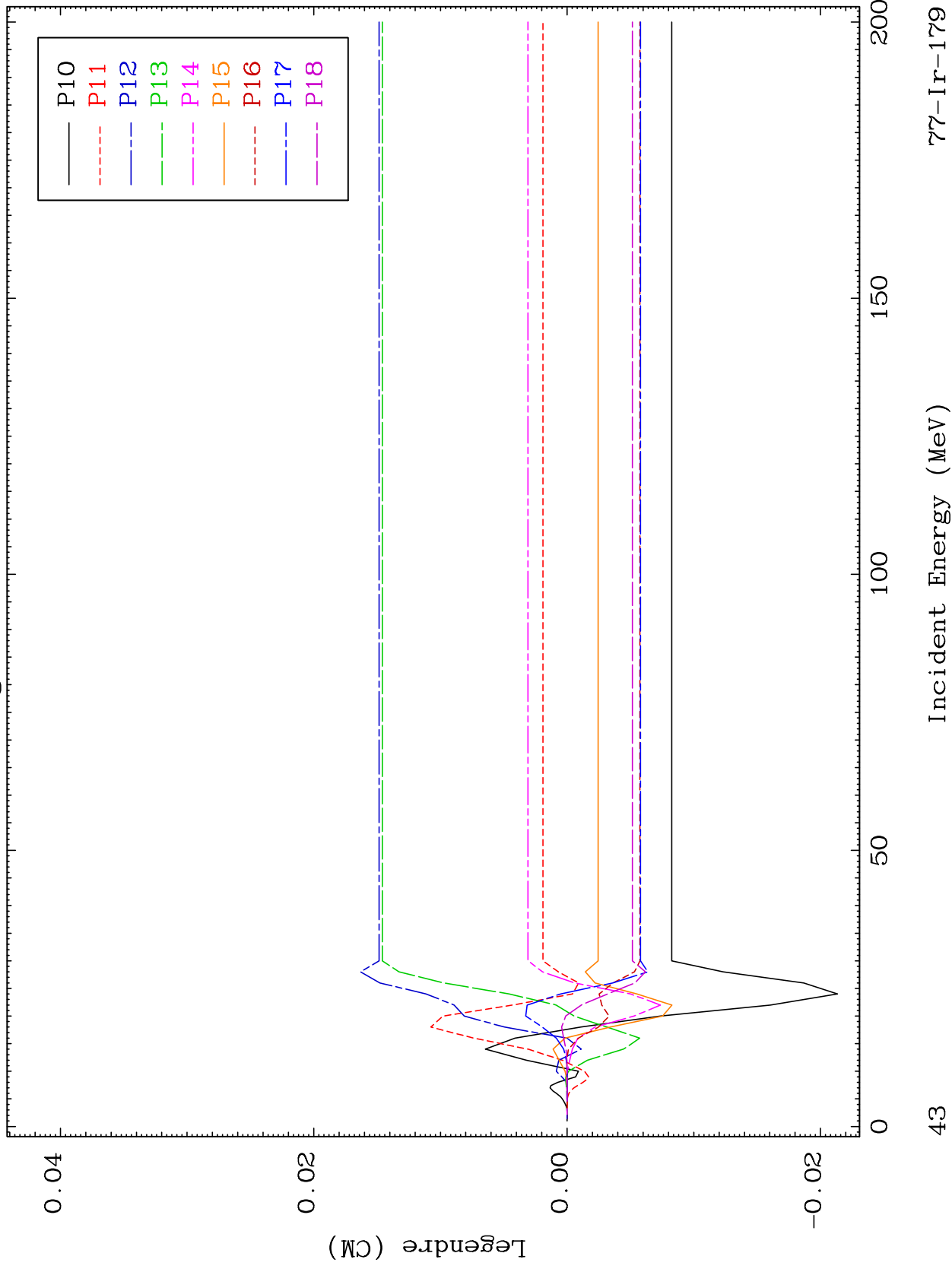
Incident Energy (MeV)

42

MAT 7689

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

77-Ir-179



77-Ir-179

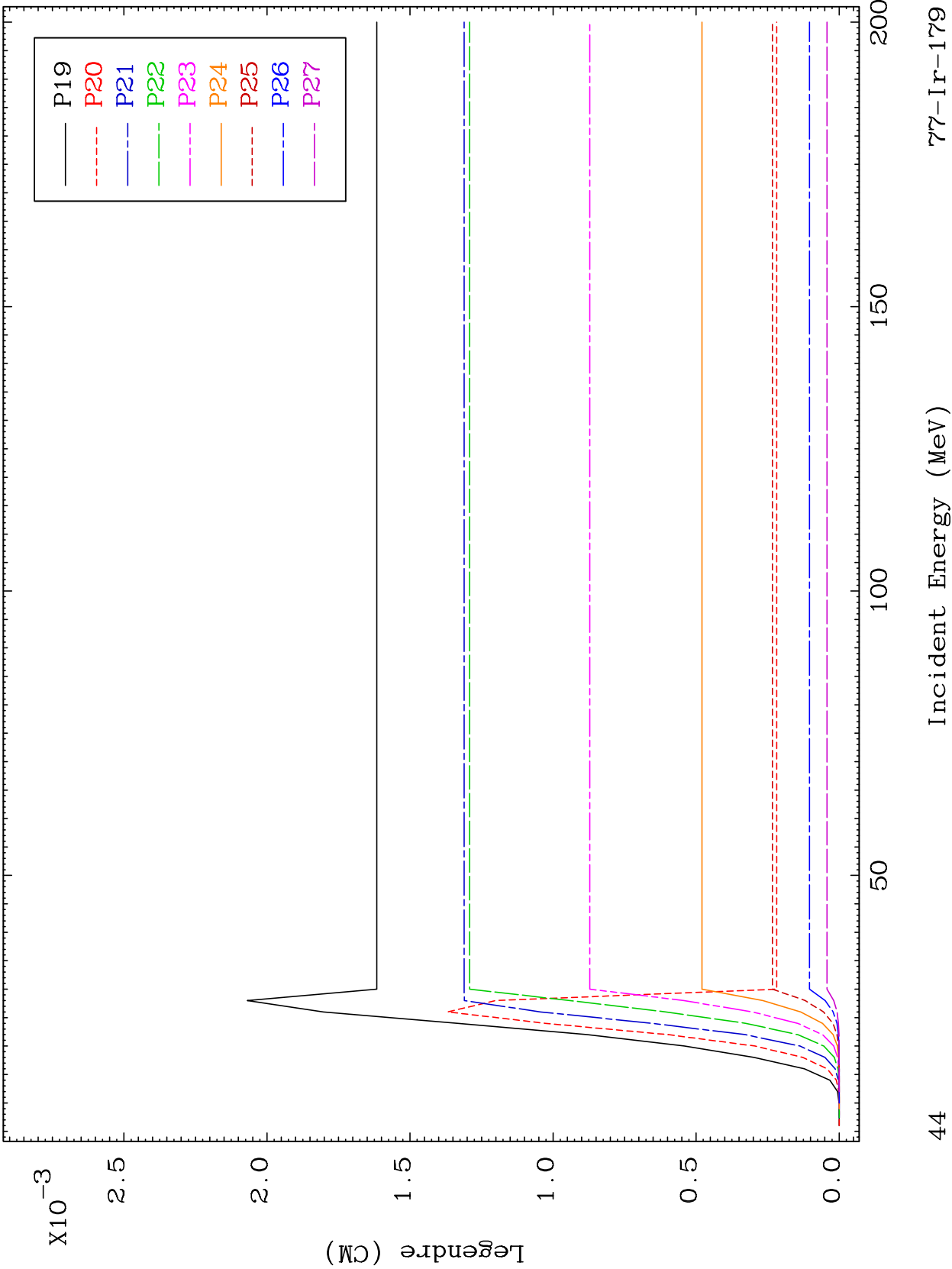
Incident Energy (MeV)

43

MAT 7689

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

77-Ir-179



44

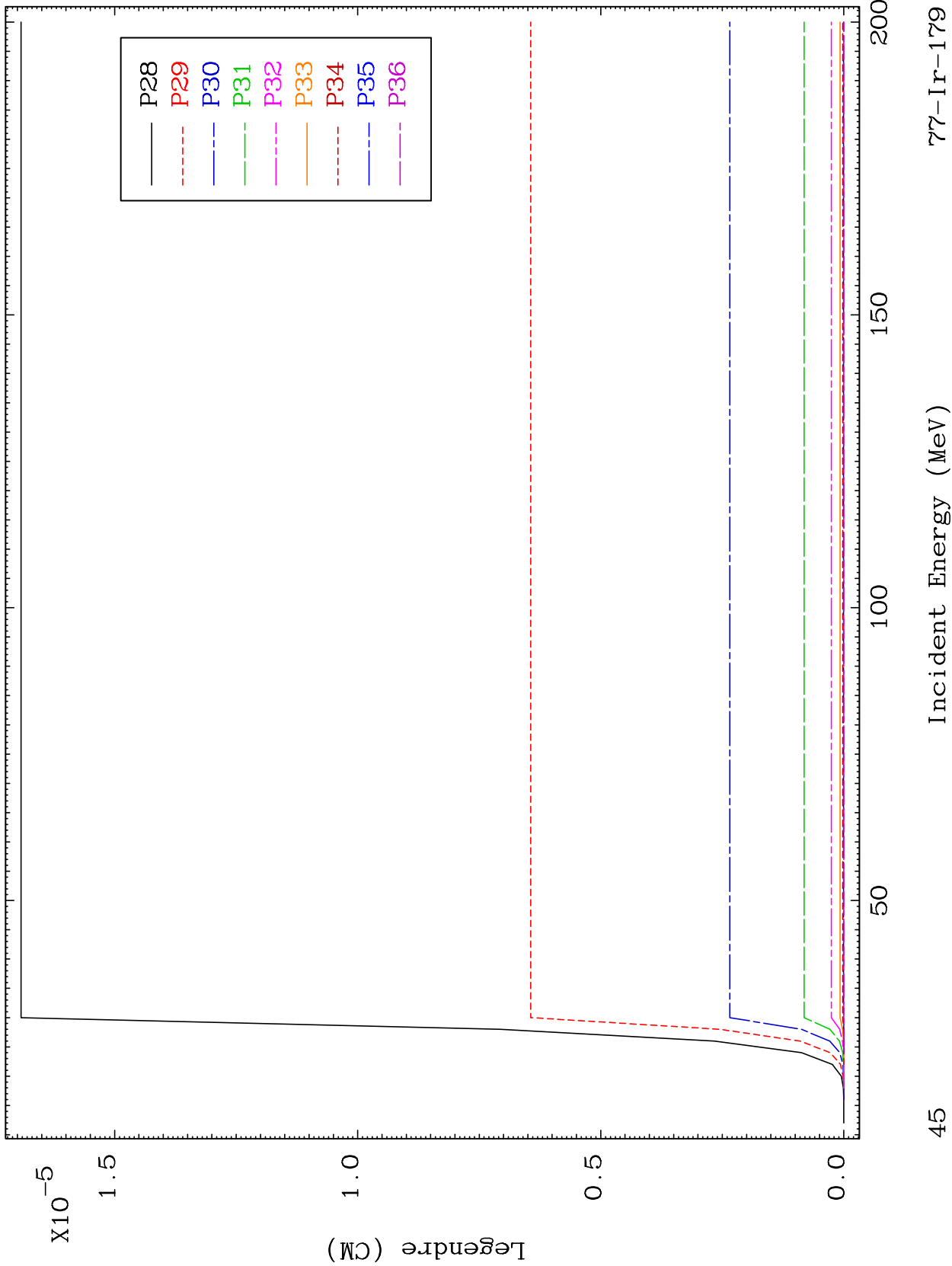
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

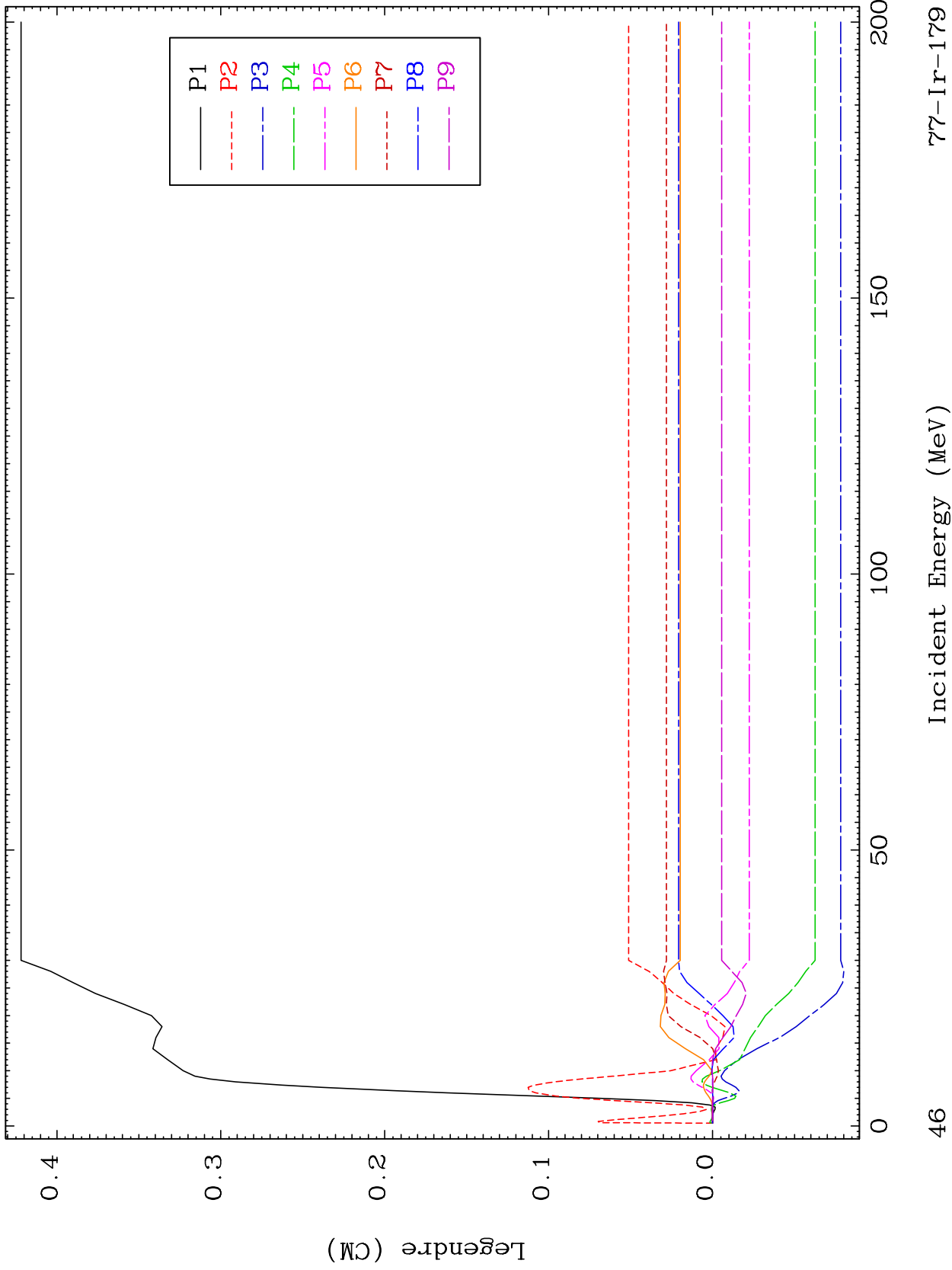
77-Ir-179



MAT 7689

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

77-Ir-179



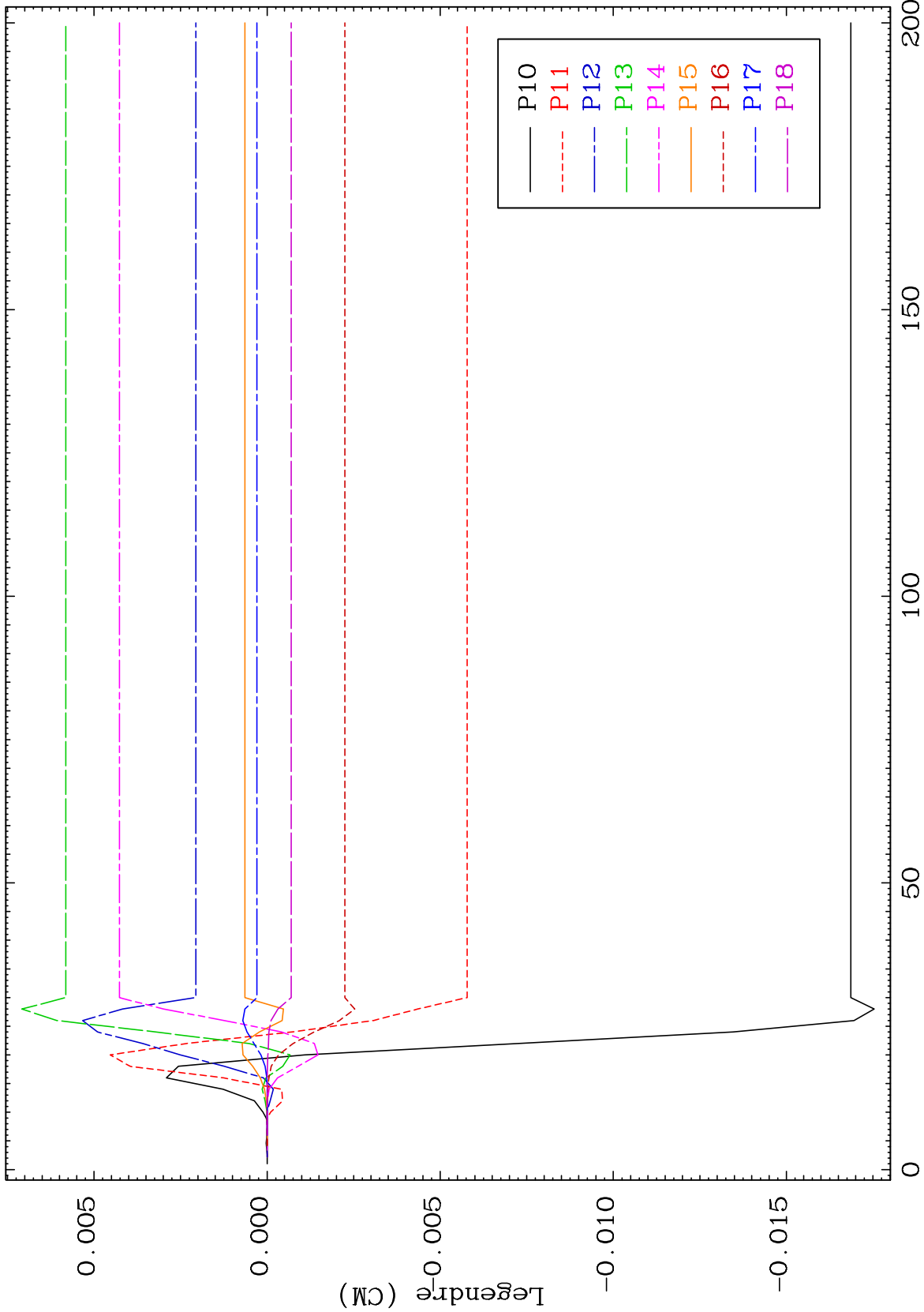
46

77-Ir-179

MAT 7689

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

77-Ir-179



47

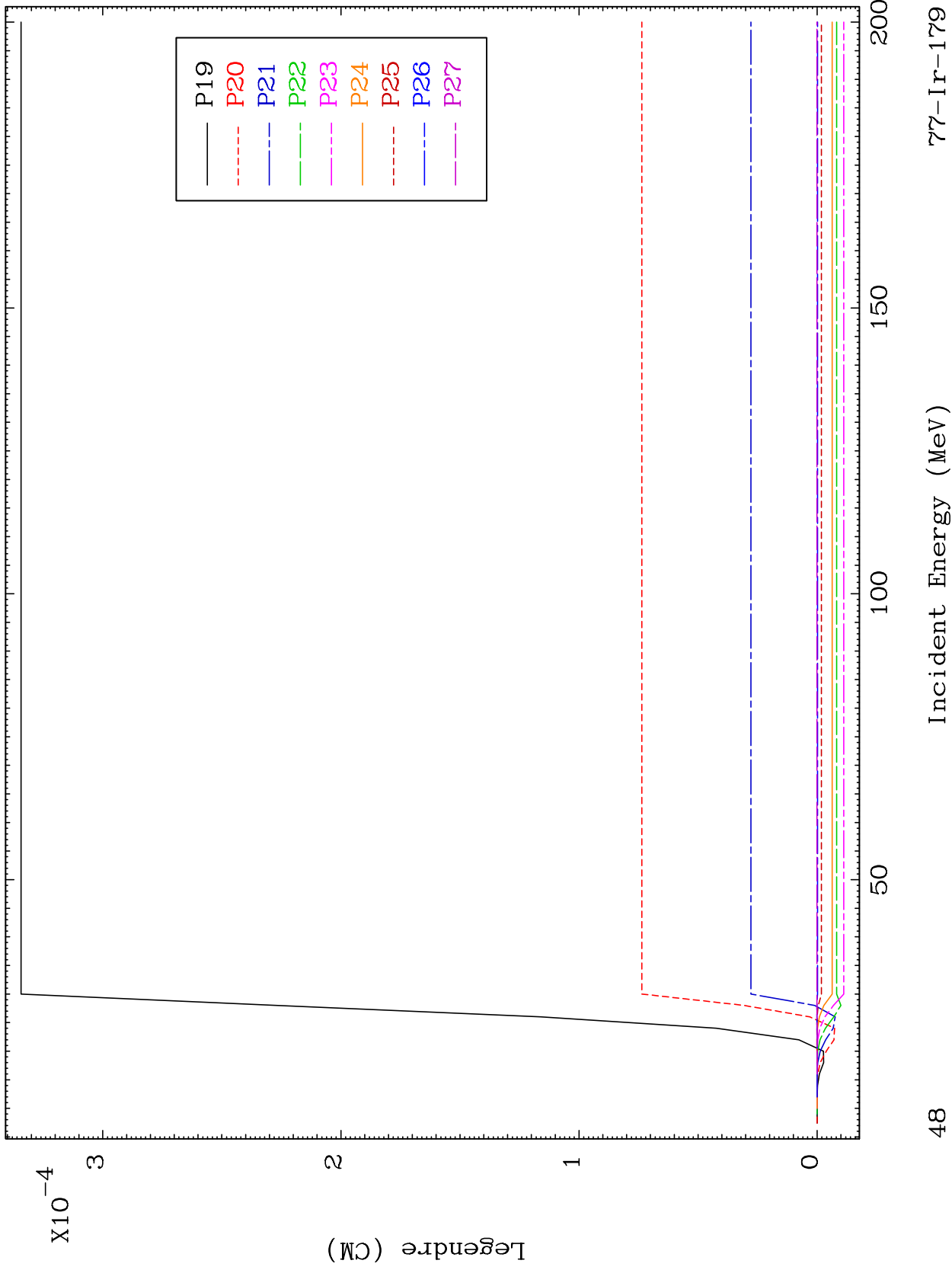
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

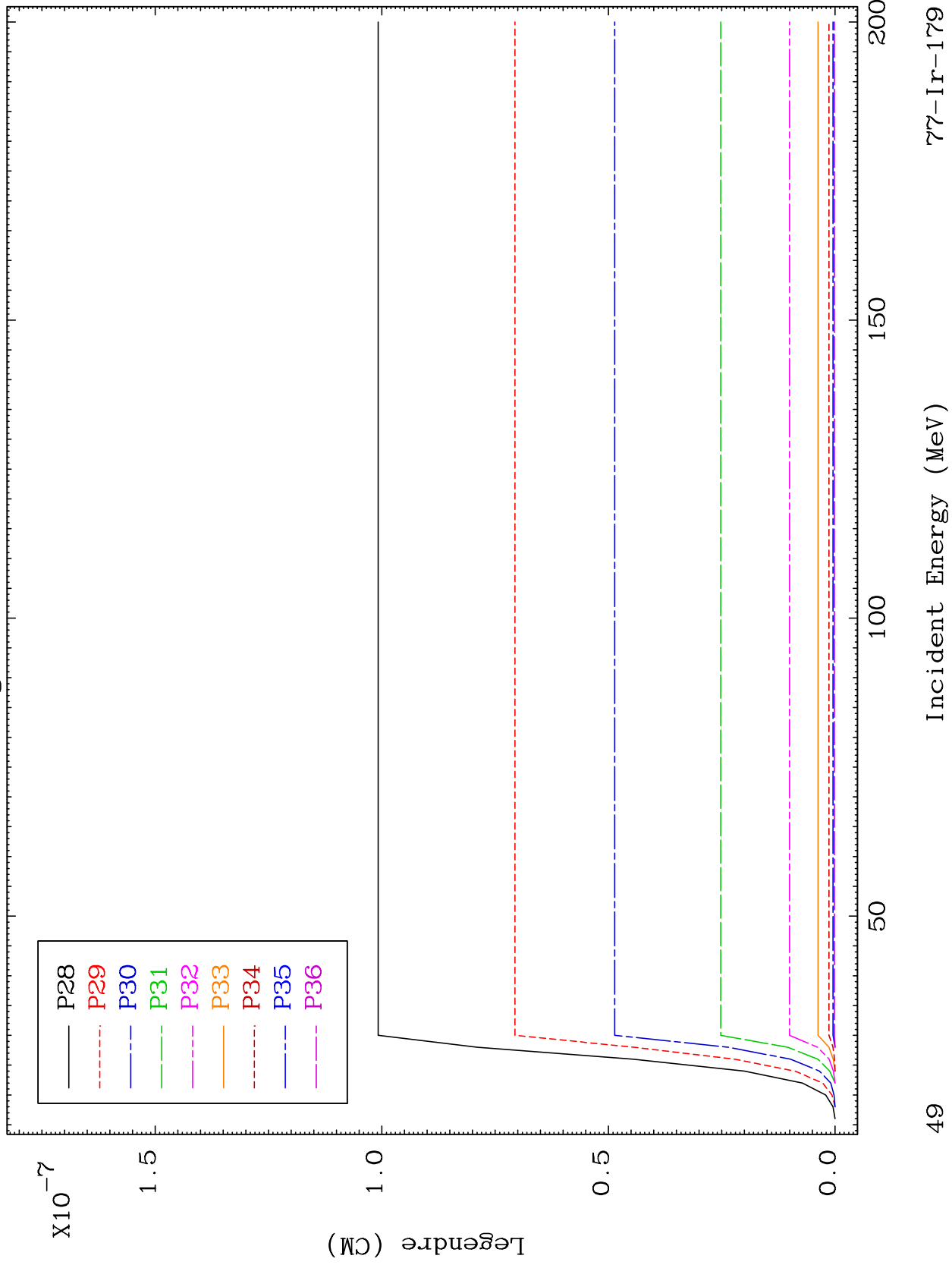
77-Ir-179



MAT 7689

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

77-Ir-179



49

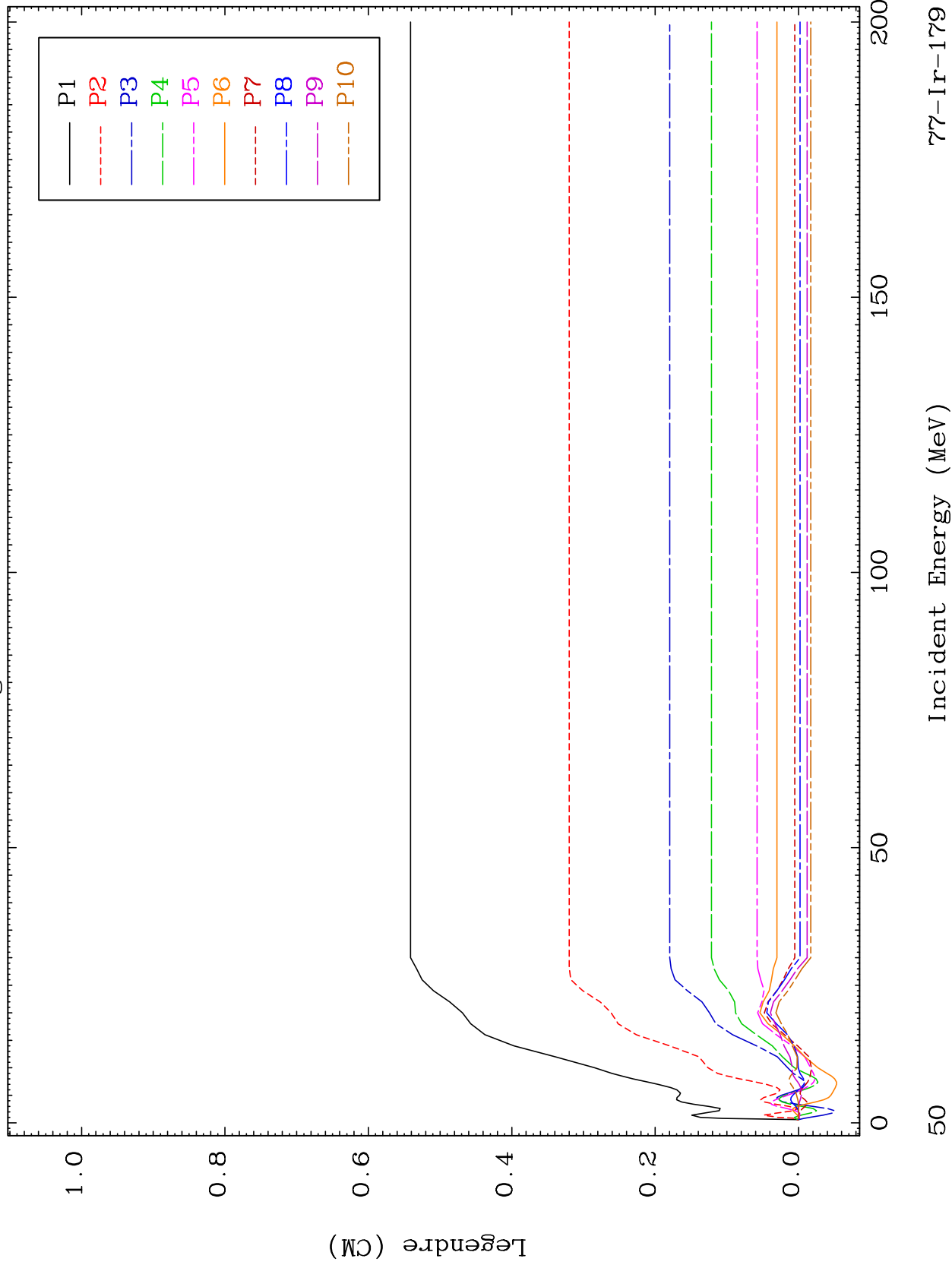
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

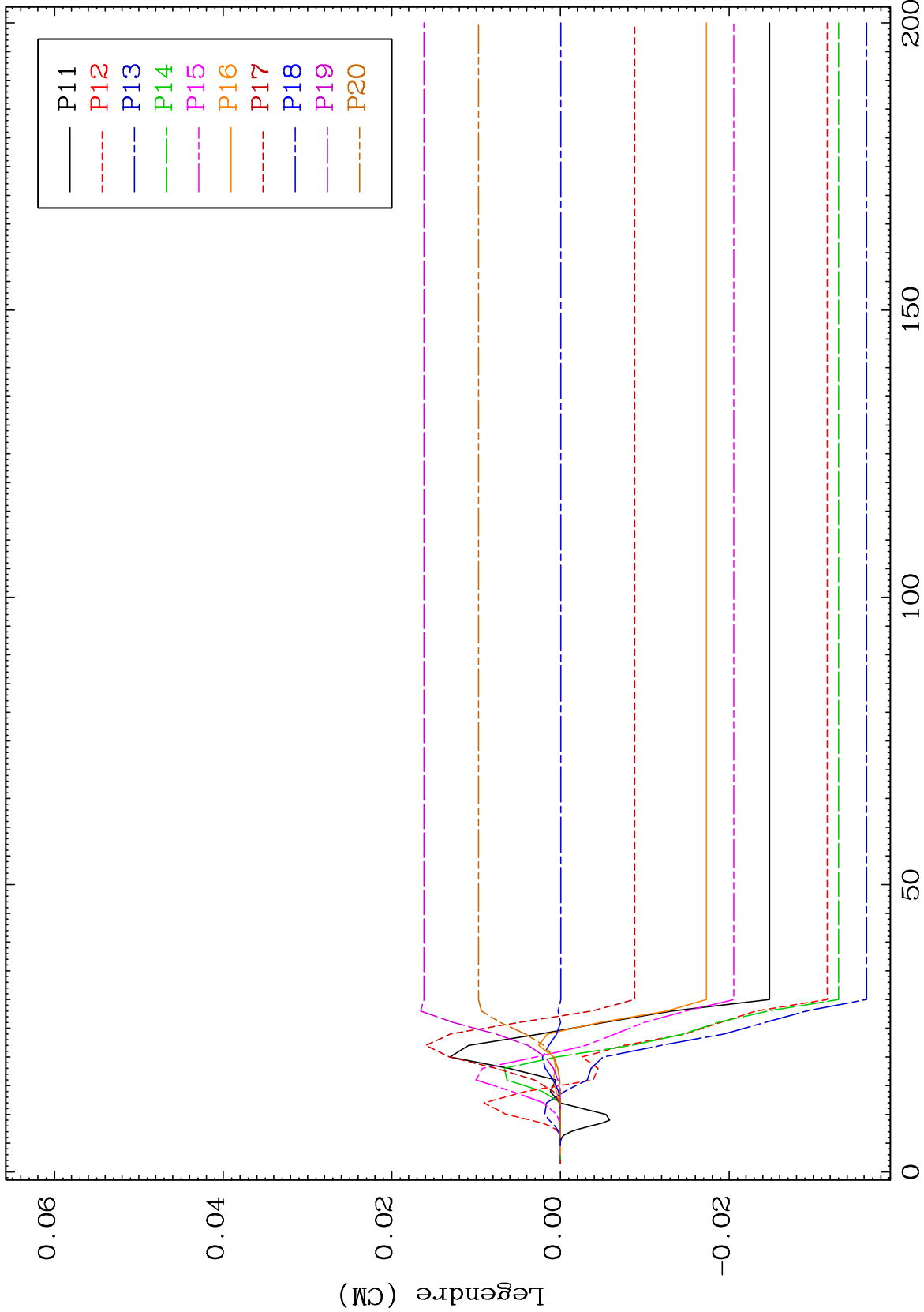
Incident Energy (MeV)

50

MAT 7689

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

77-Ir-179



51

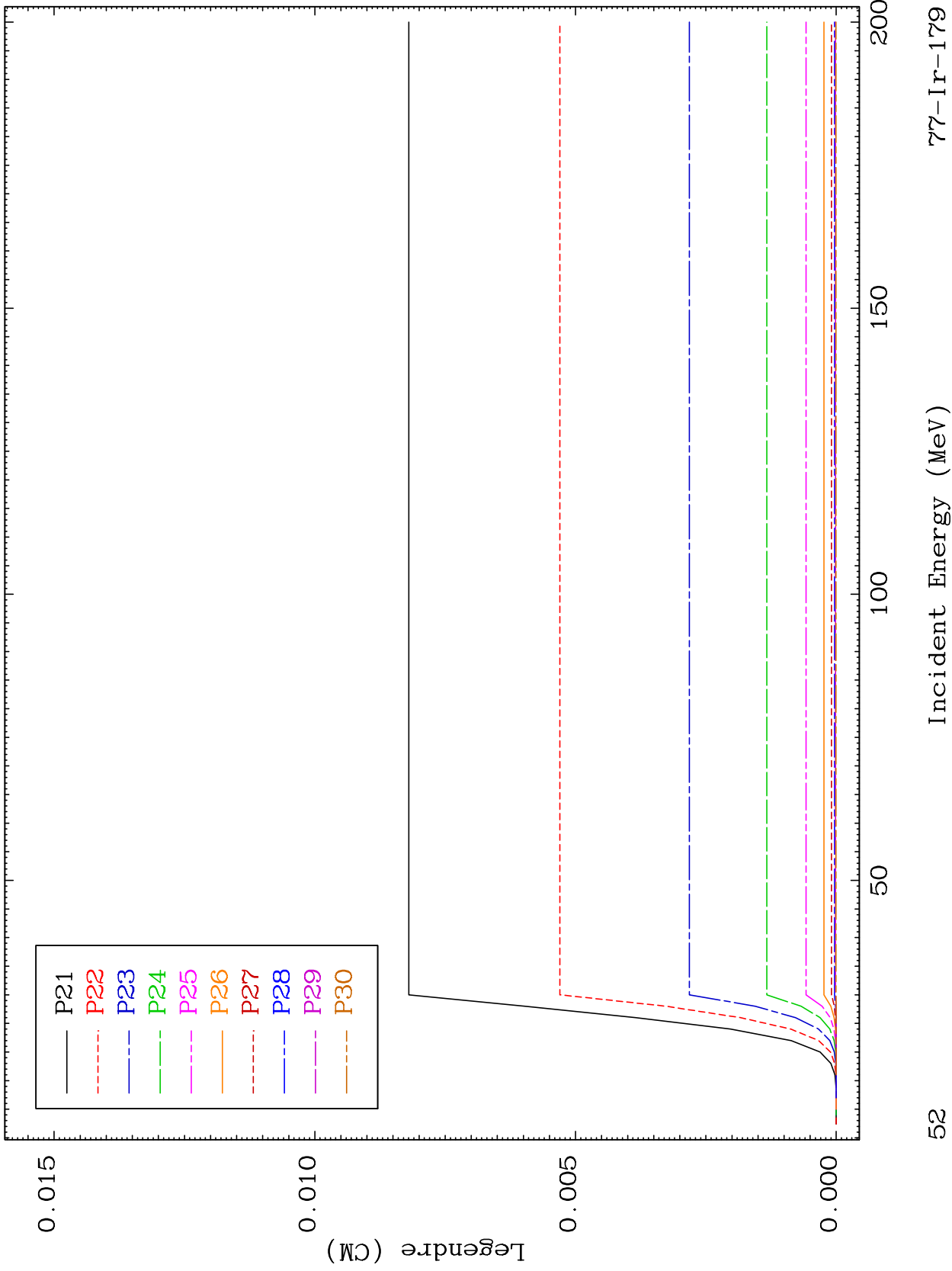
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



52

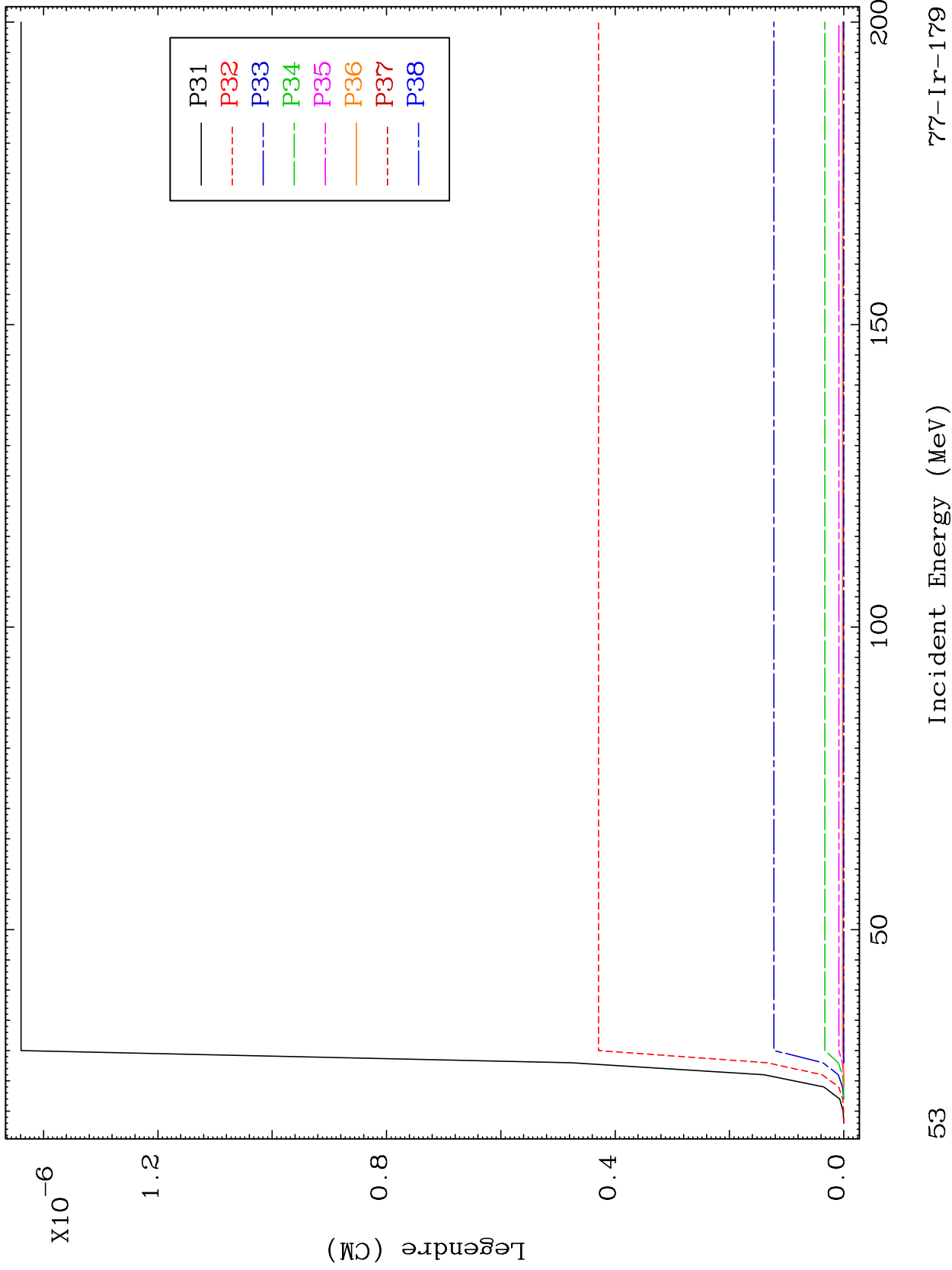
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



53

Incident Energy (MeV)

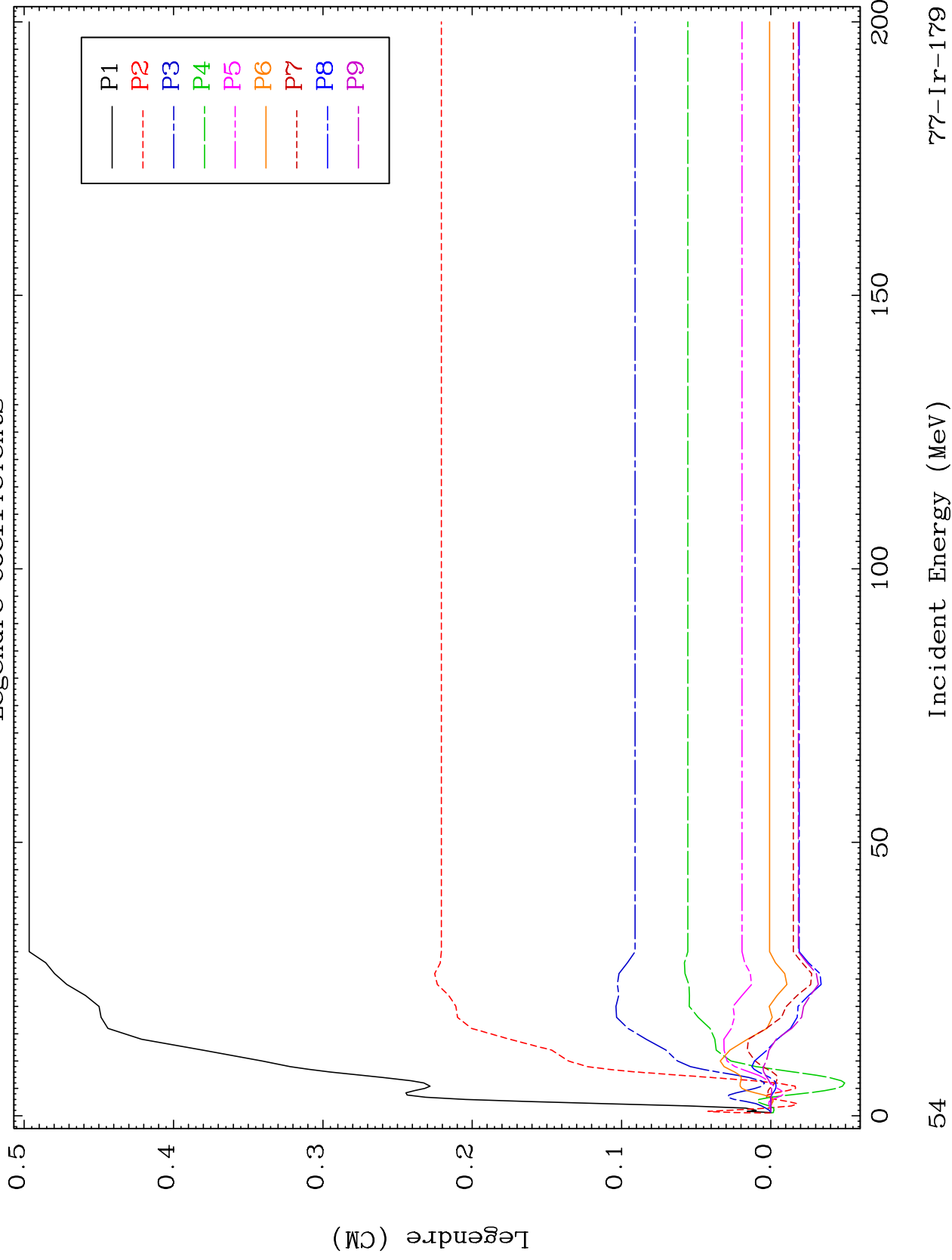
77-Ir-179

MAT 7689

MT= 59 (n,n') Level

77-Ir-179

Legendre Coefficients



77-Ir-179

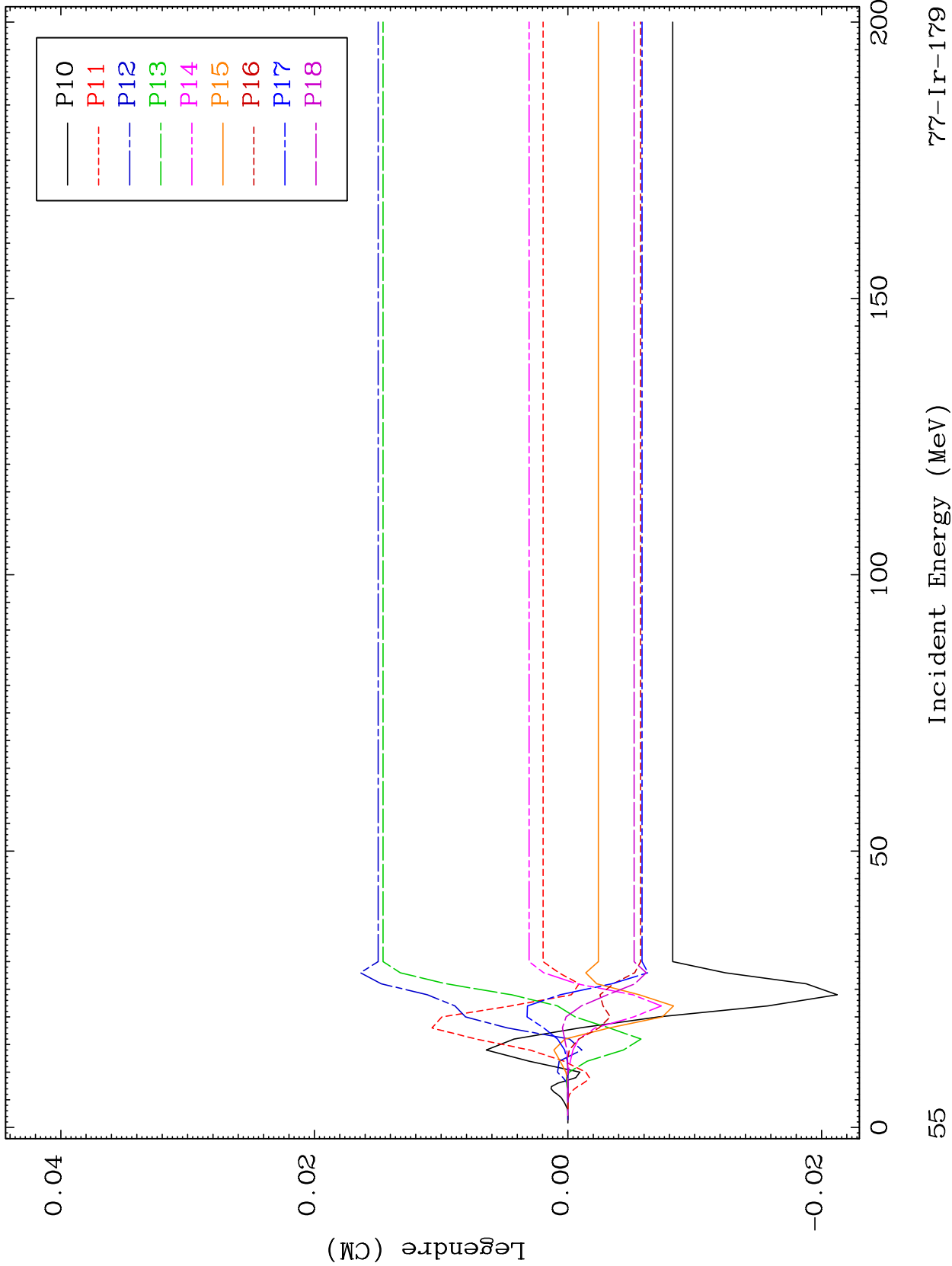
Incident Energy (MeV)

54

MAT 7689

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

77-Ir-179



77-Ir-179

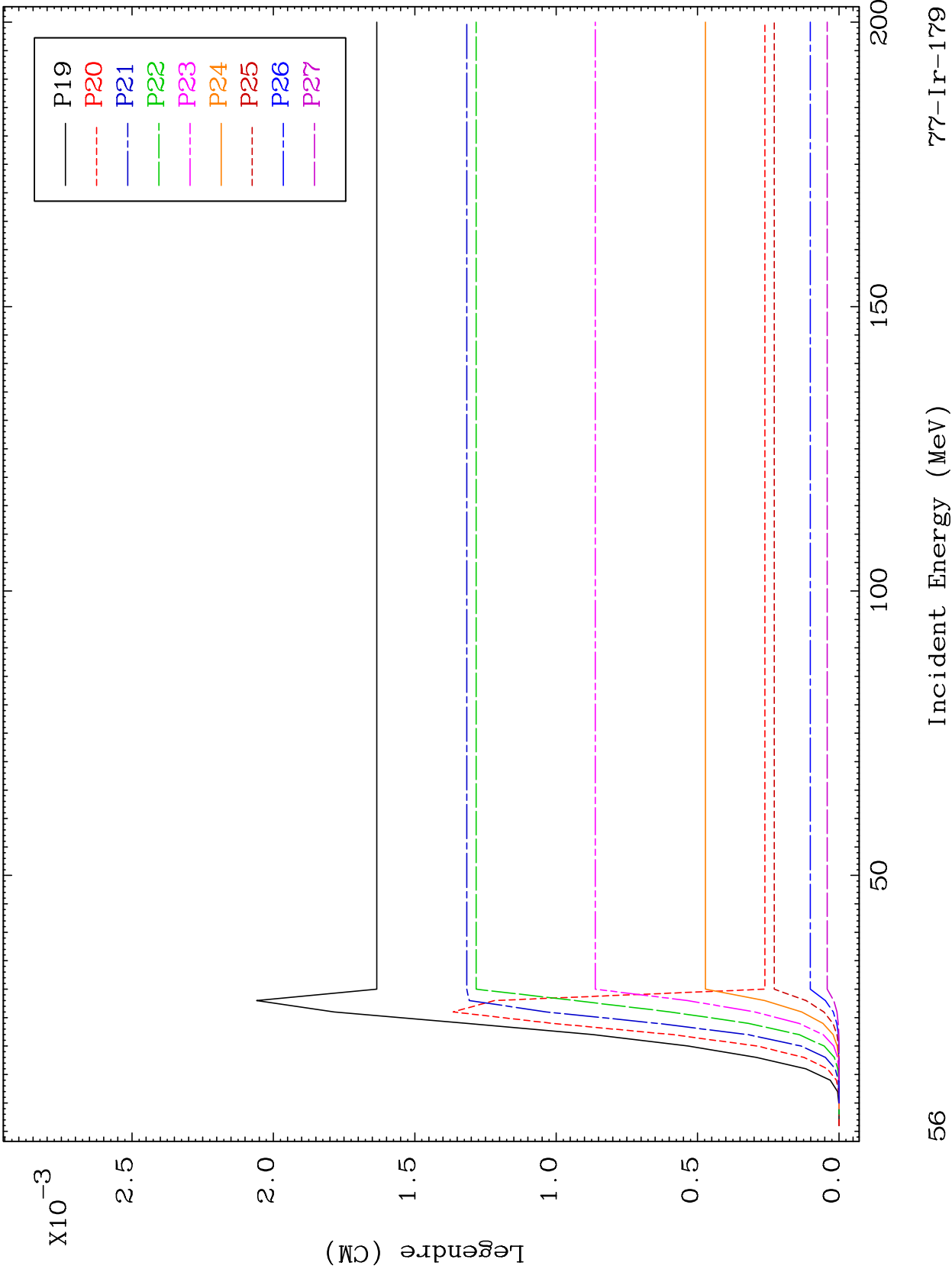
Incident Energy (MeV)

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MAT 7689

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

77-Ir-179



56

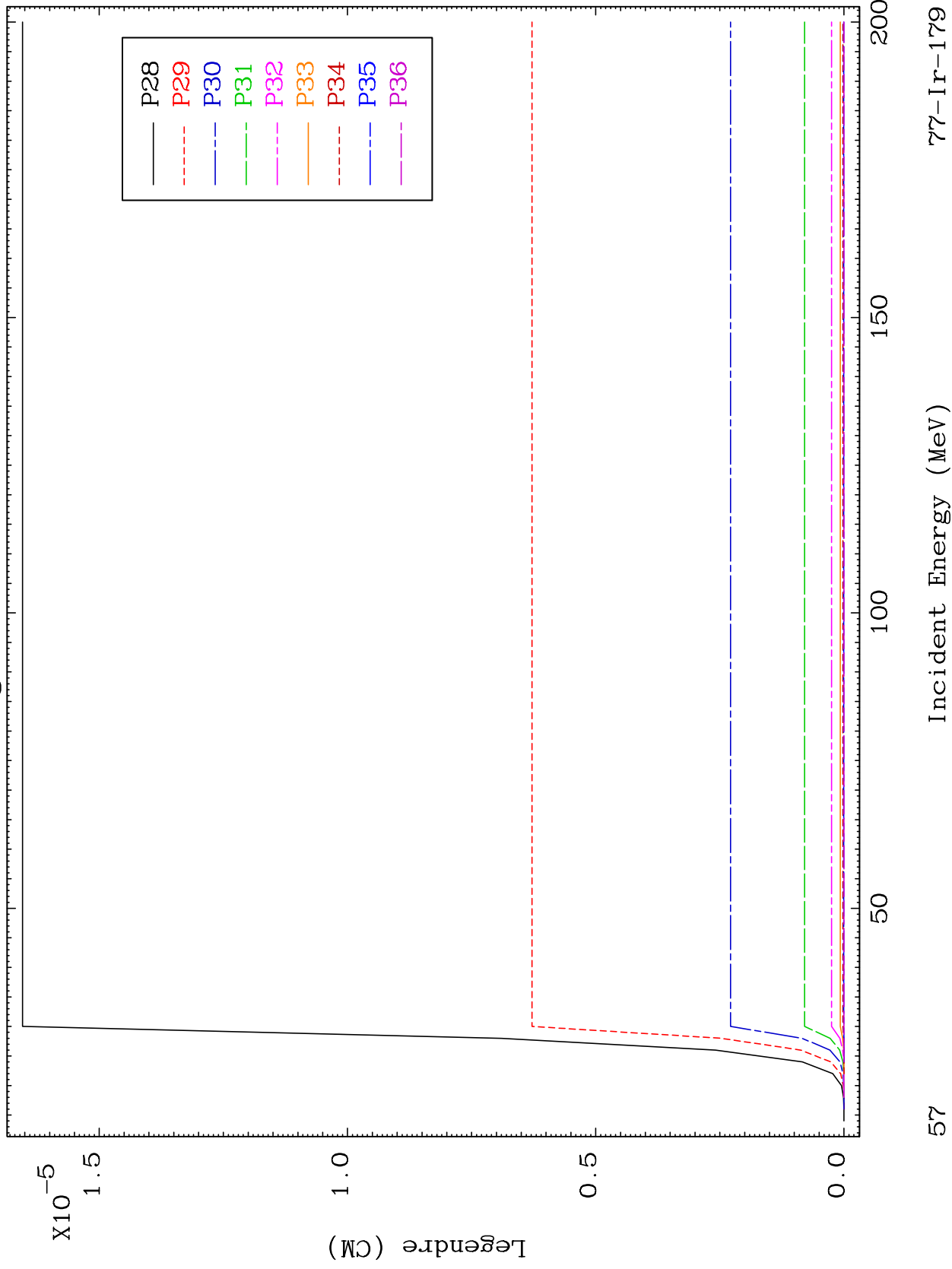
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



57

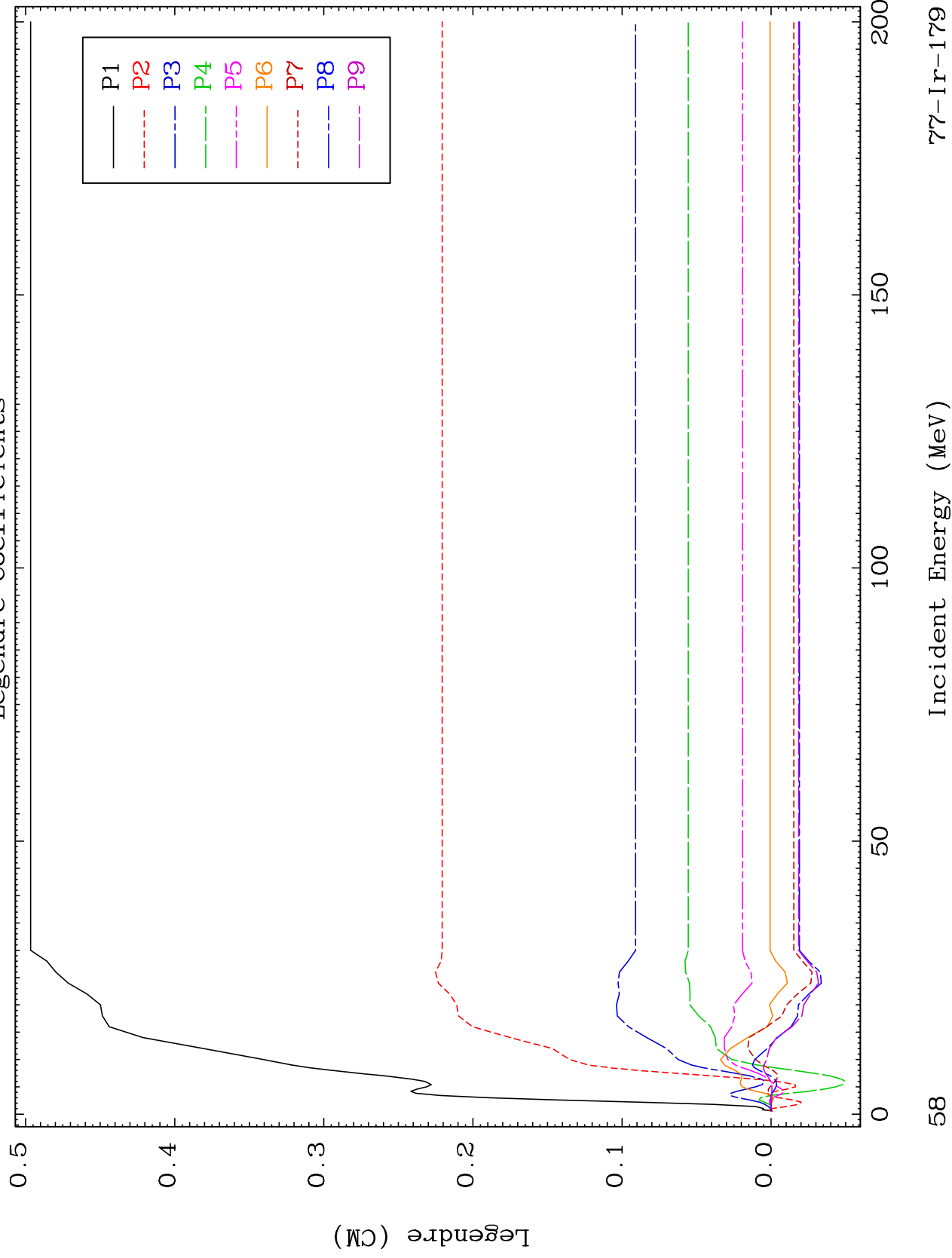
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

⁷⁷Ir-179



58

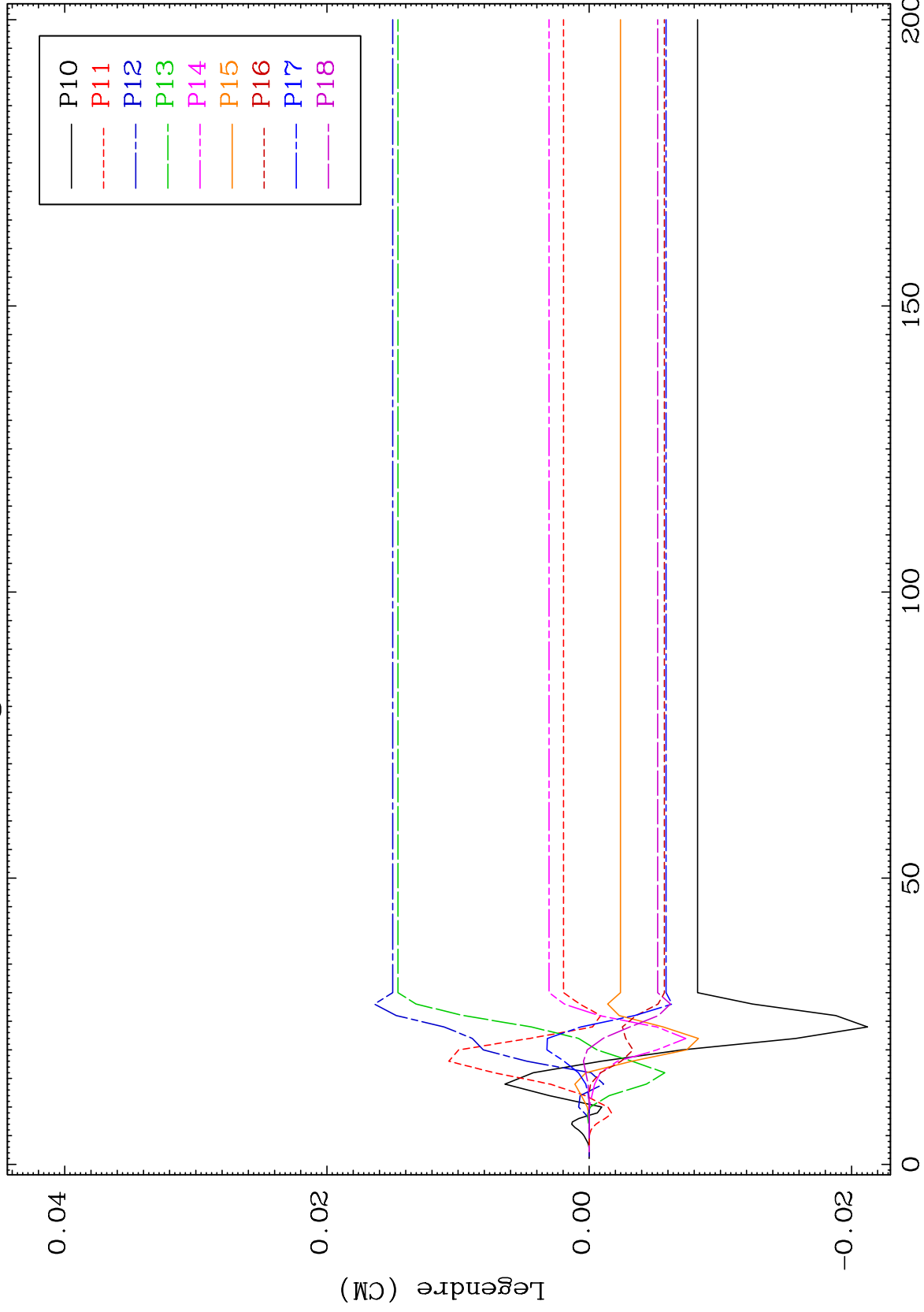
Incident Energy (MeV)

⁷⁷Ir-179

MAT 7689

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

77-Ir-179



59

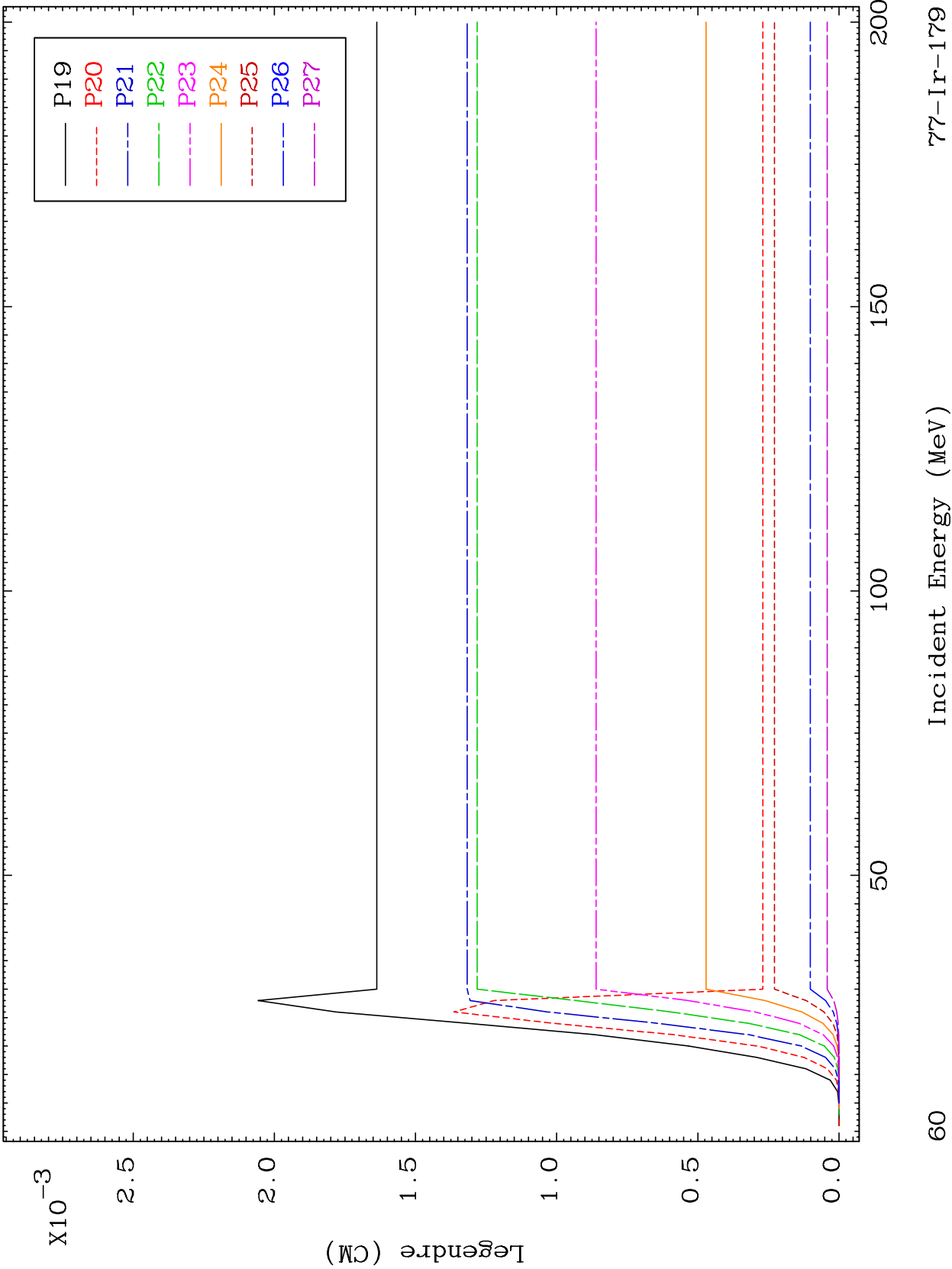
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

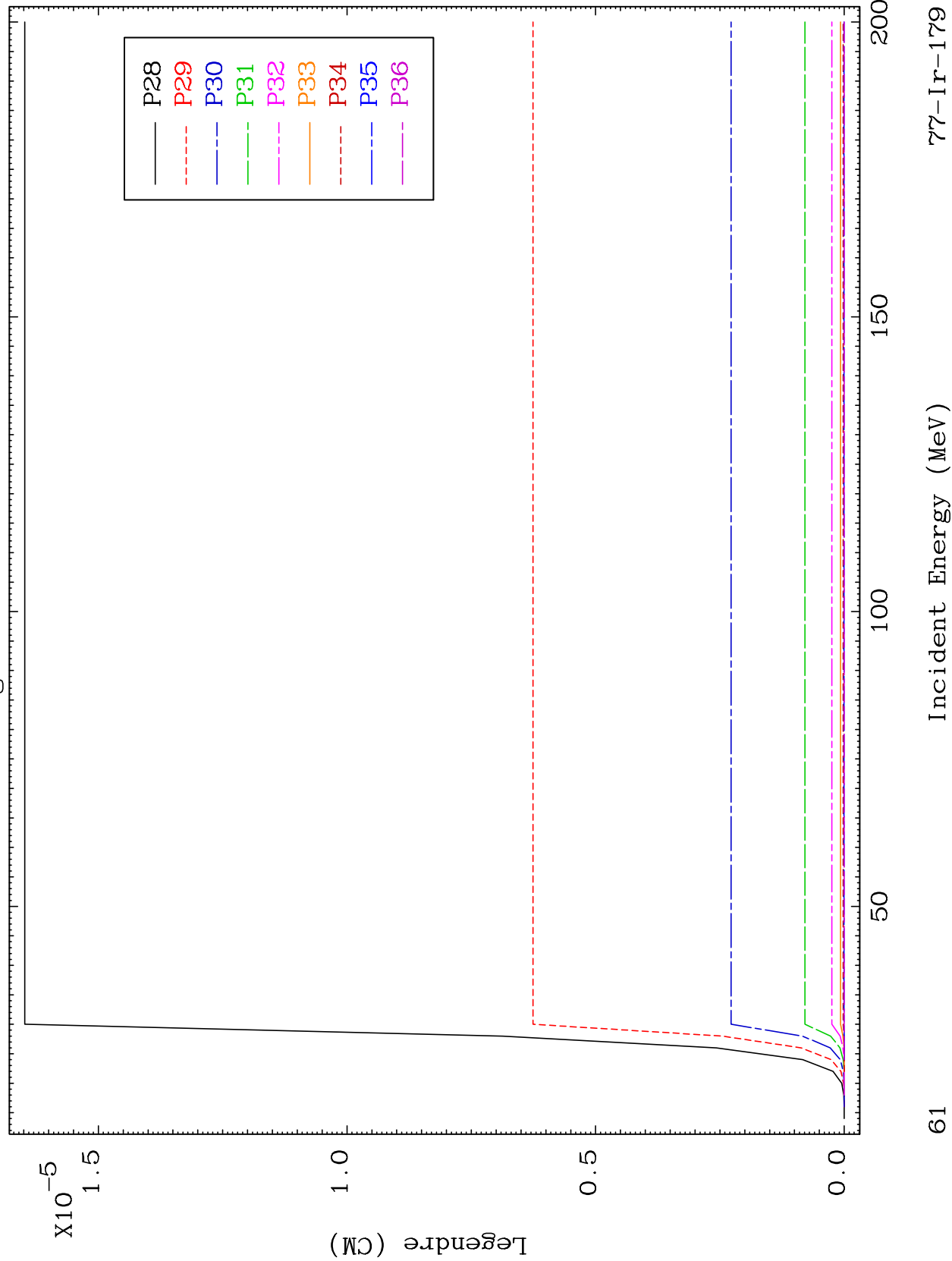
Incident Energy (MeV)

60

MAT 7689

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

77-Ir-179

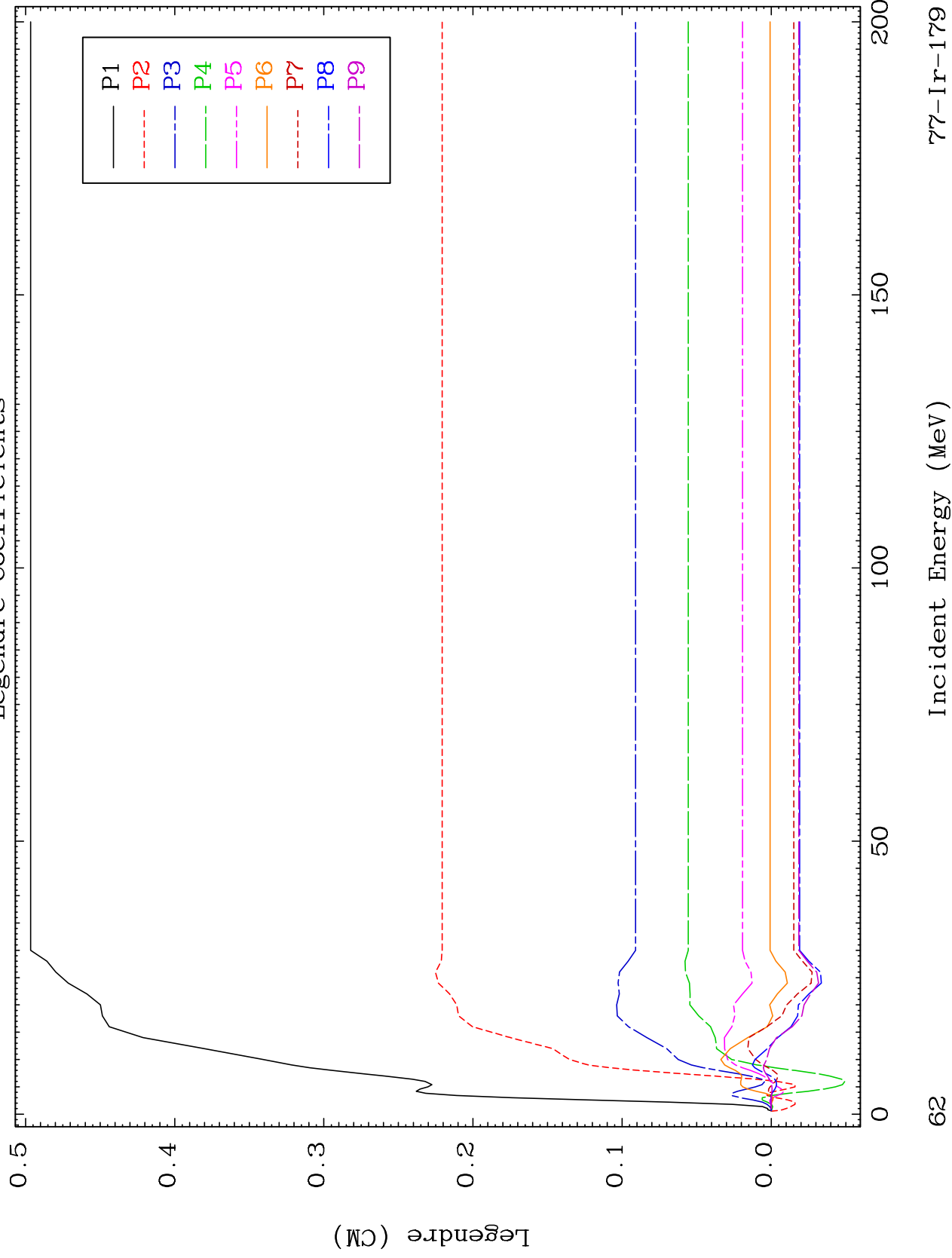


61

MAT 7689

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

77-Ir-179



77-Ir-179

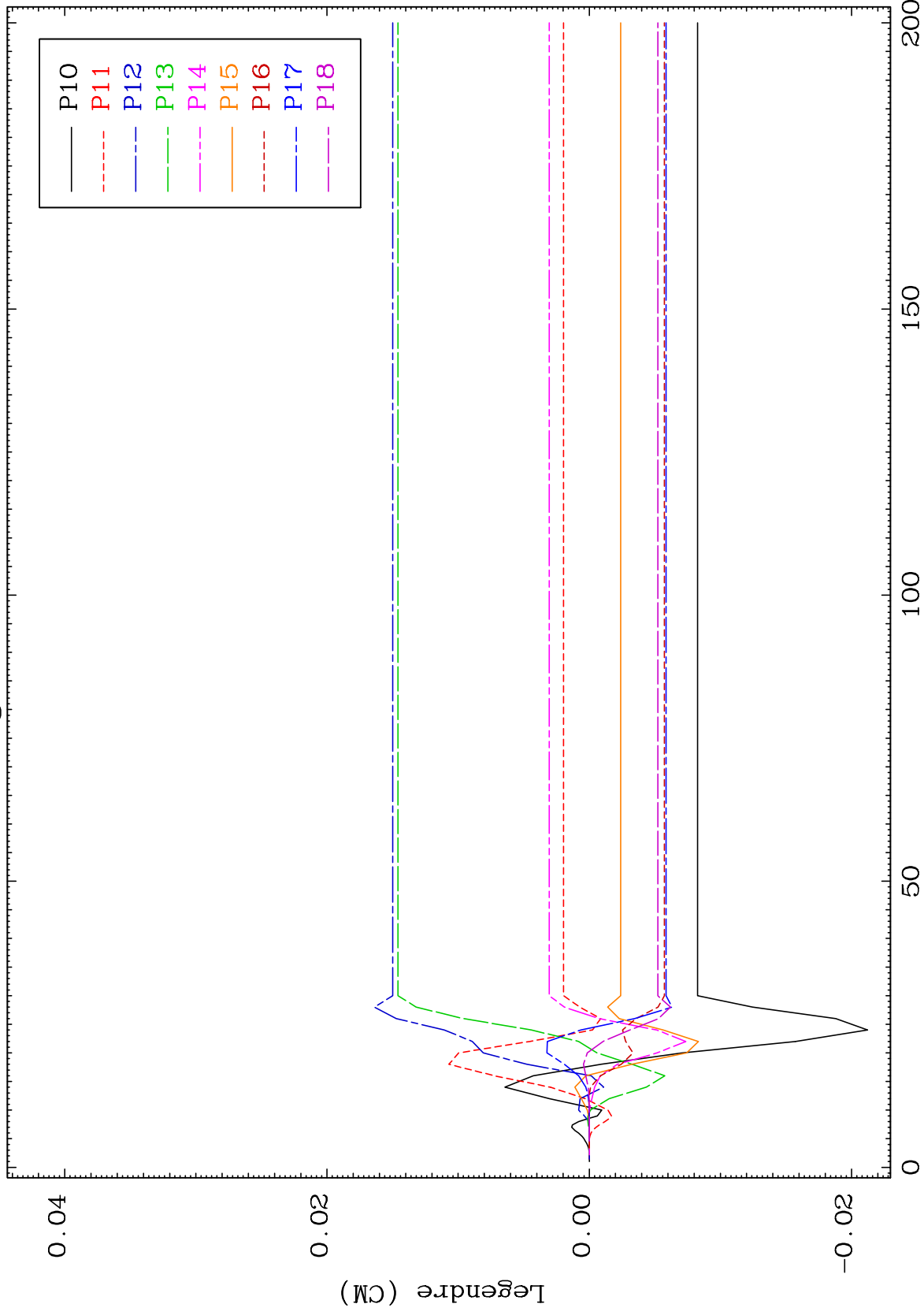
Incident Energy (MeV)

62

MAT 7689

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

77-Ir-179



63

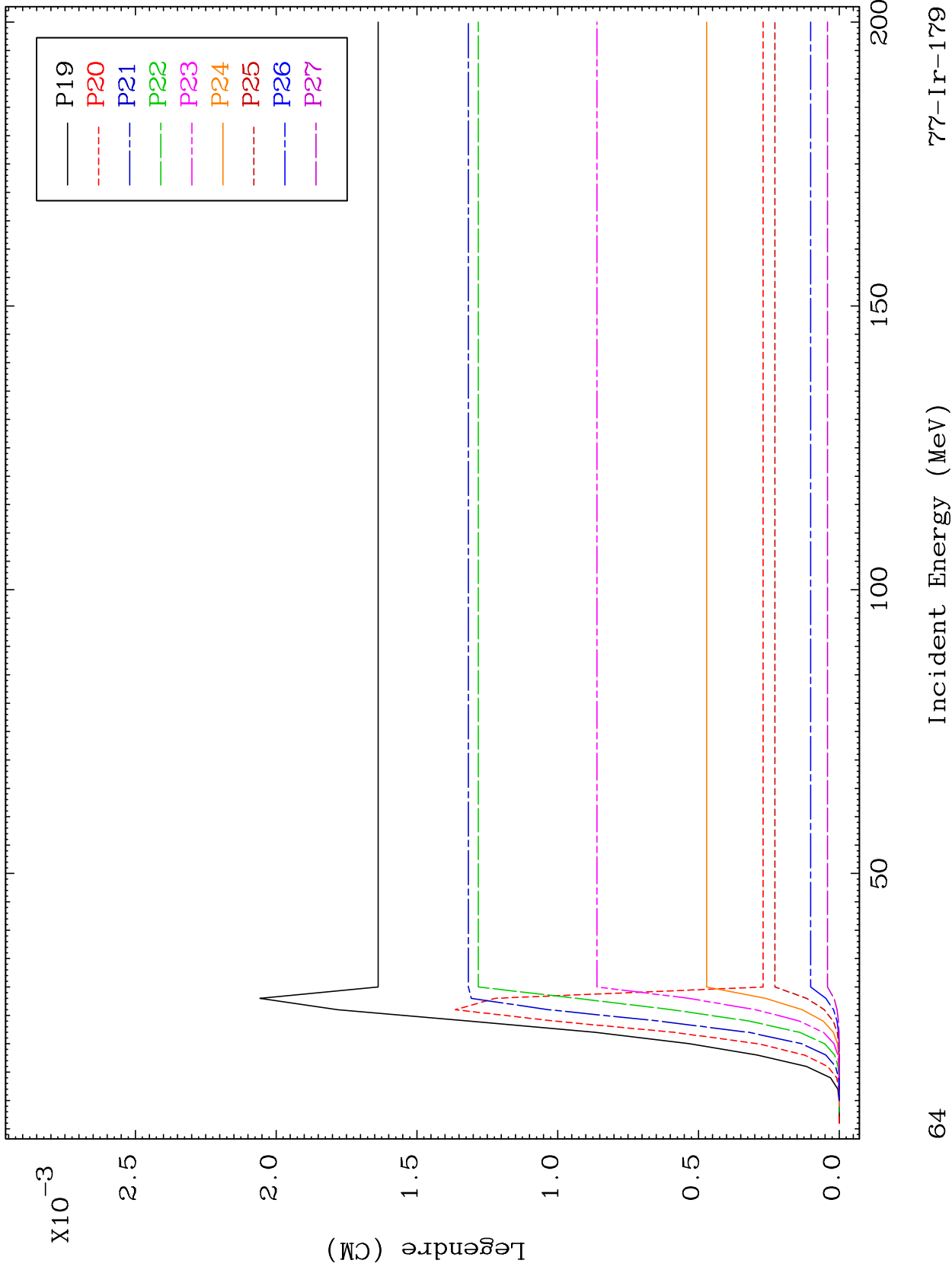
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

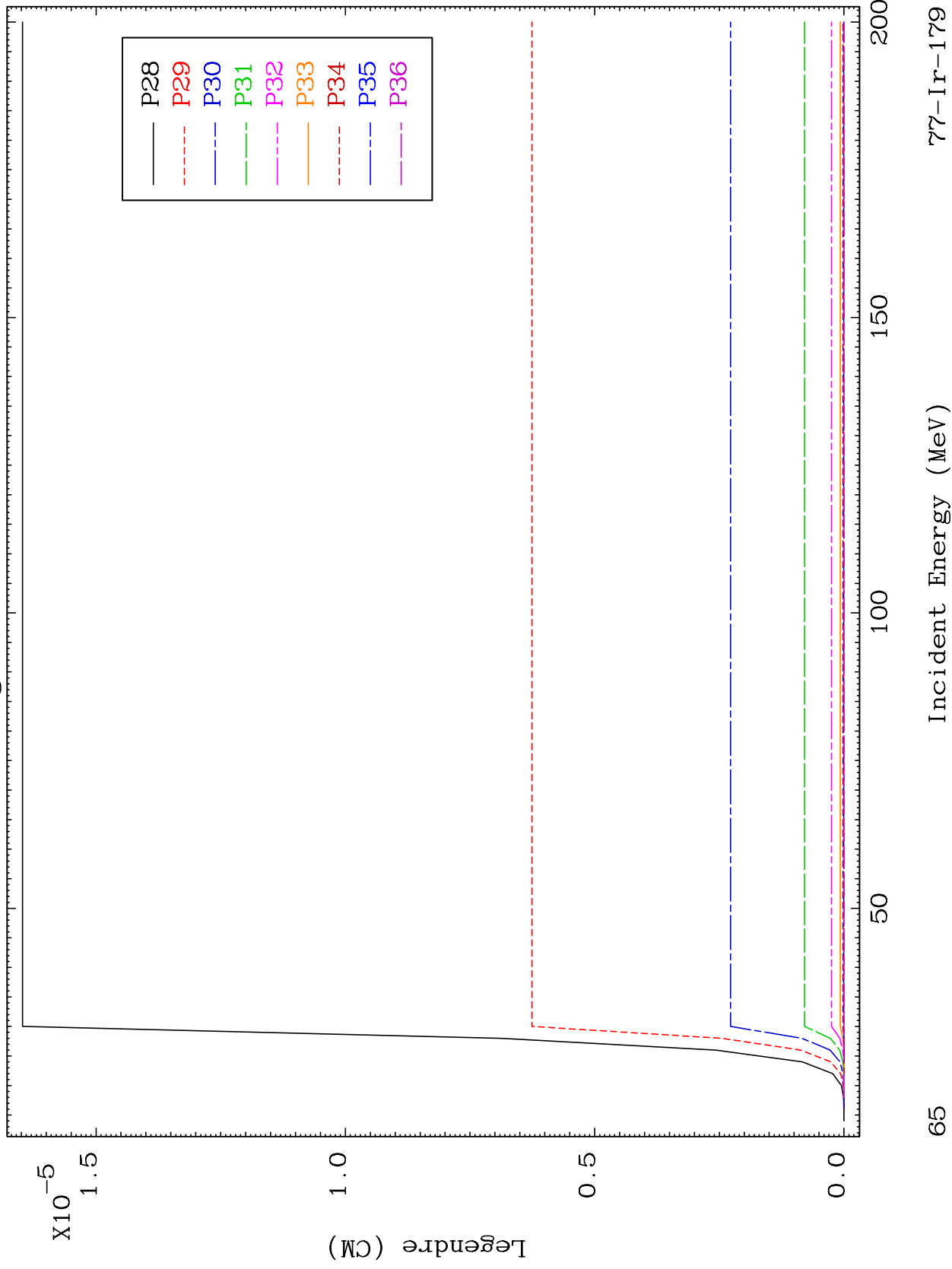
77-Ir-179



MAT 7689

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

77-Ir-179



65

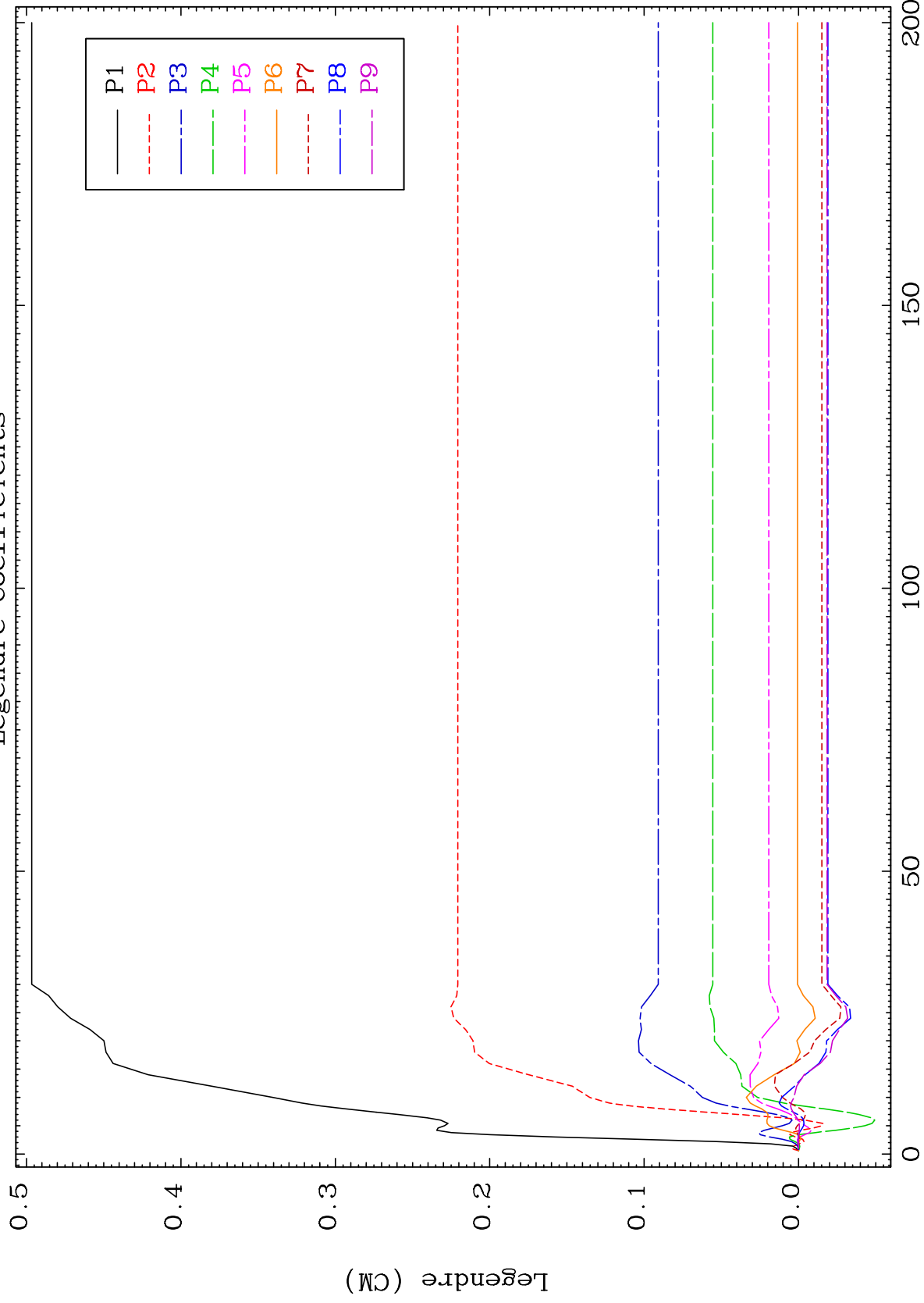
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



66

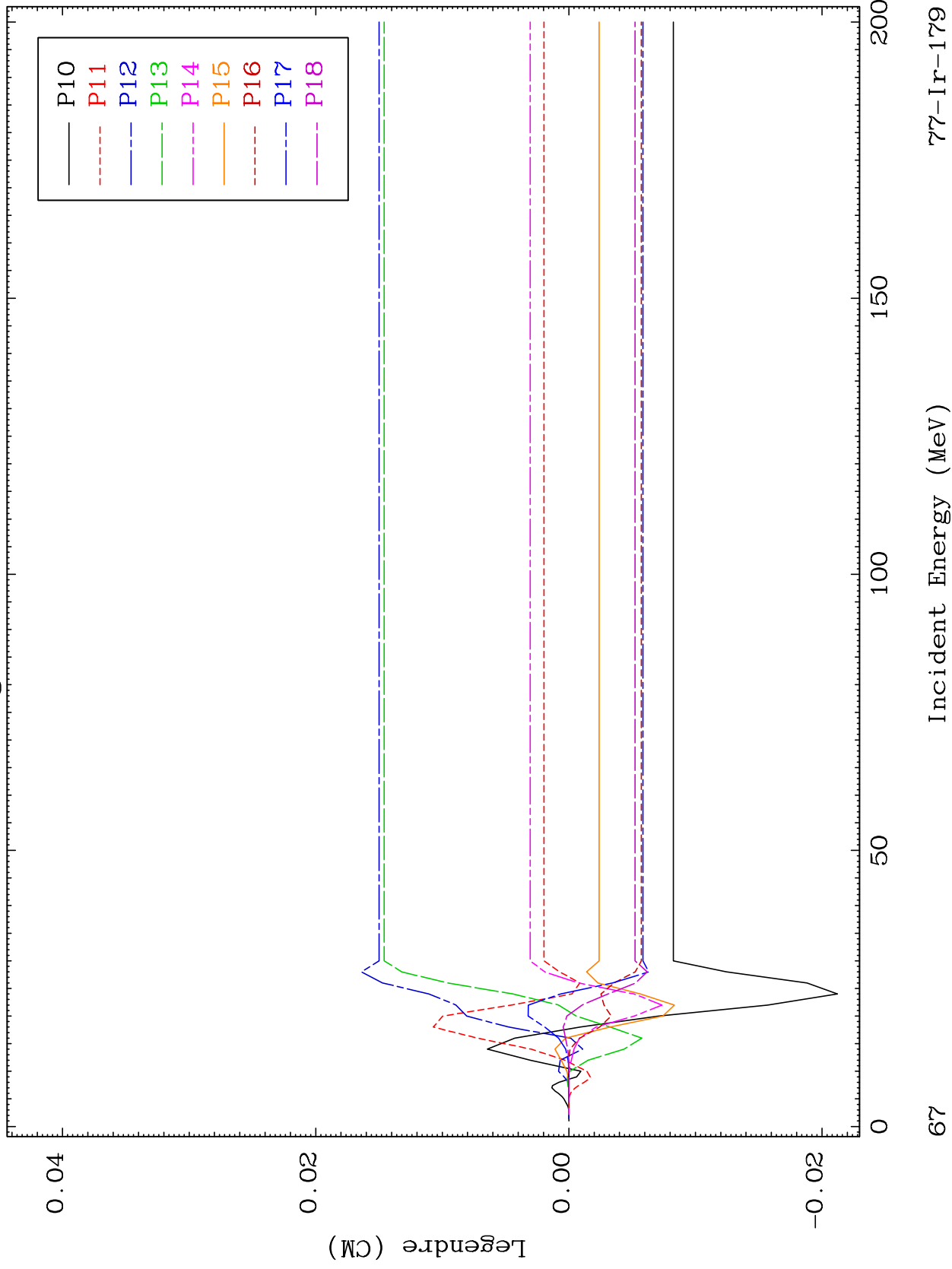
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

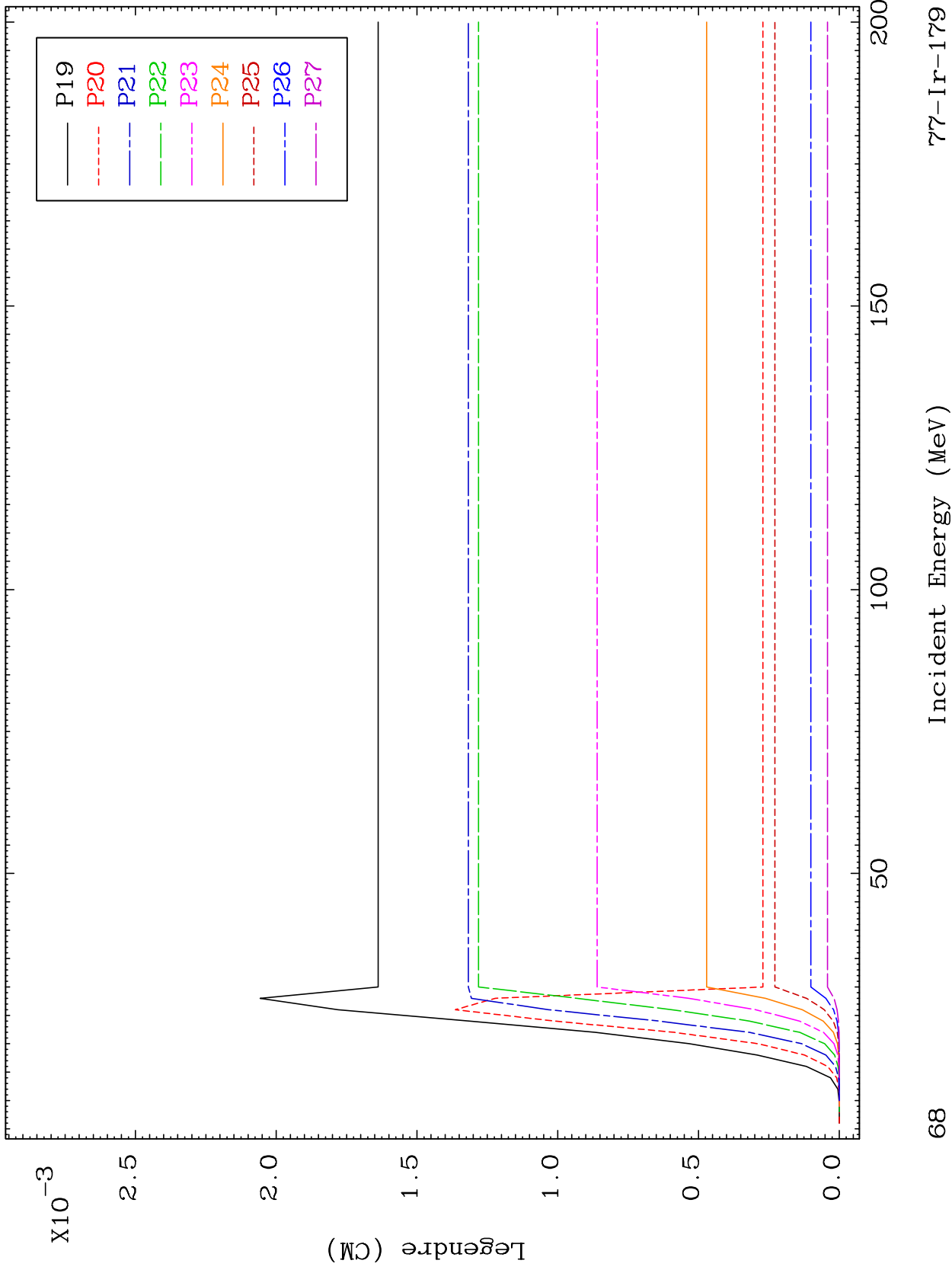
77-Ir-179



77-Ir-179

Incident Energy (MeV)

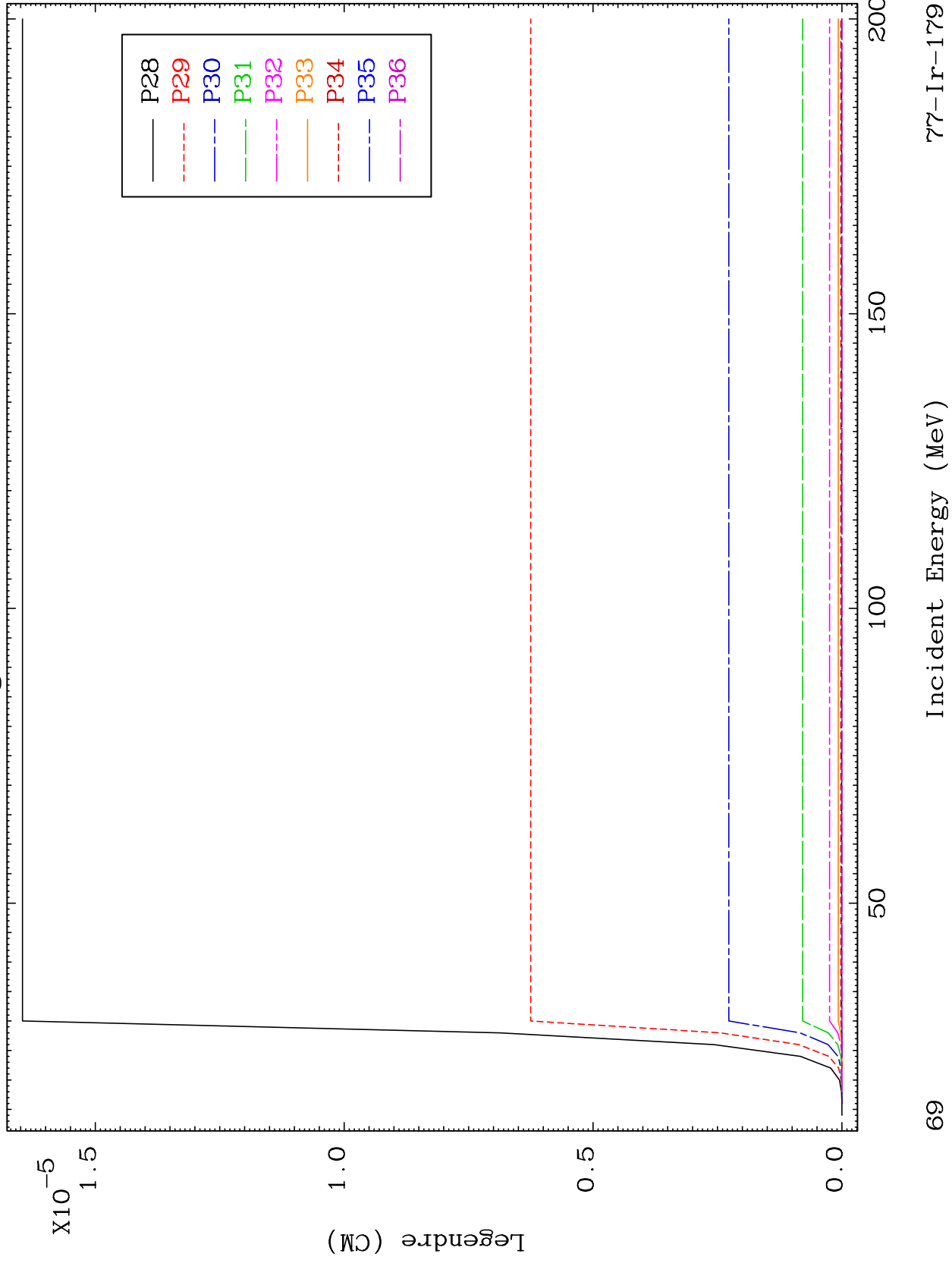
67



MAT 7689

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

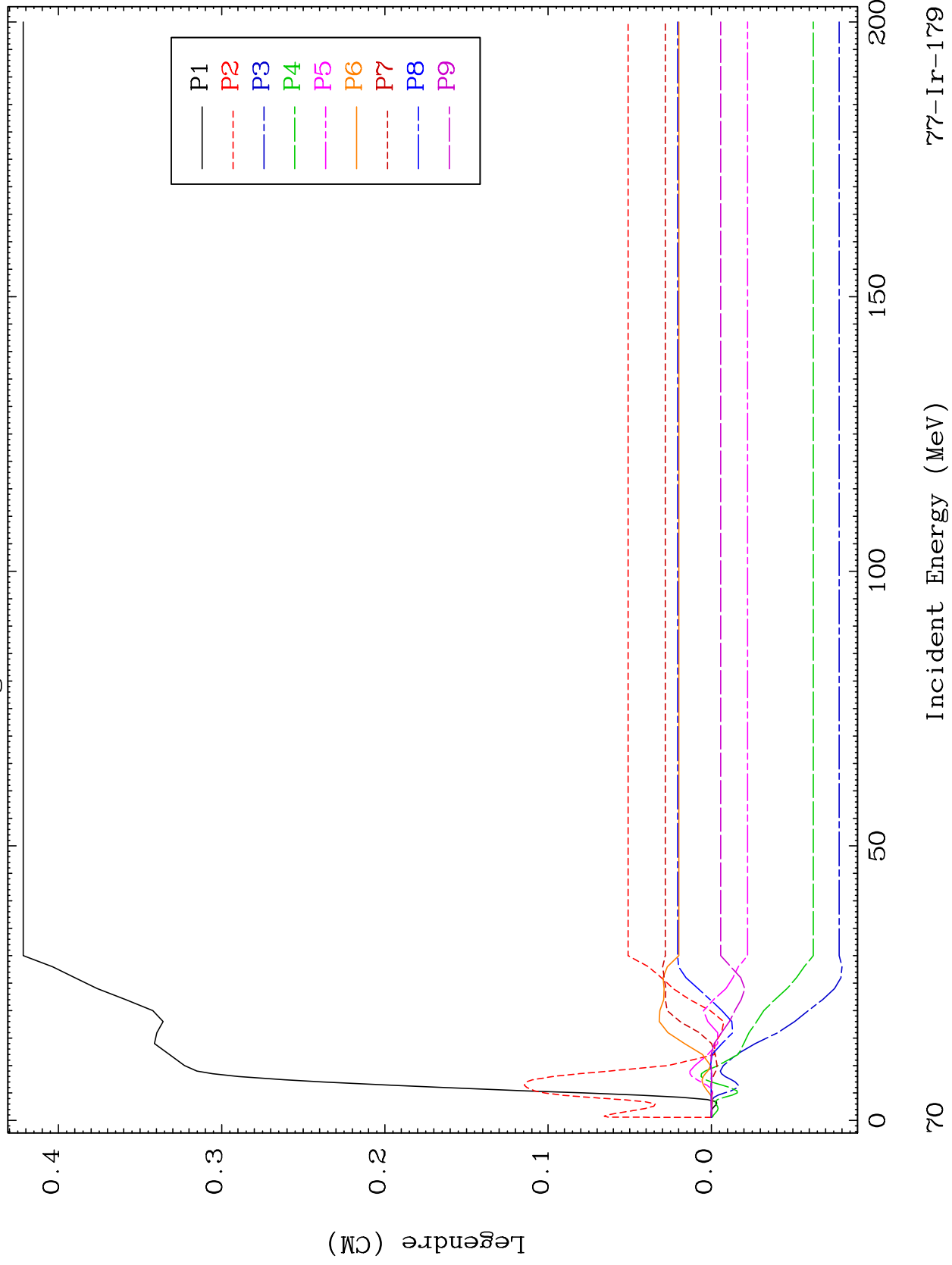
77-Ir-179



MAT 7689

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

⁷⁷Ir-179



⁷⁷Ir-179

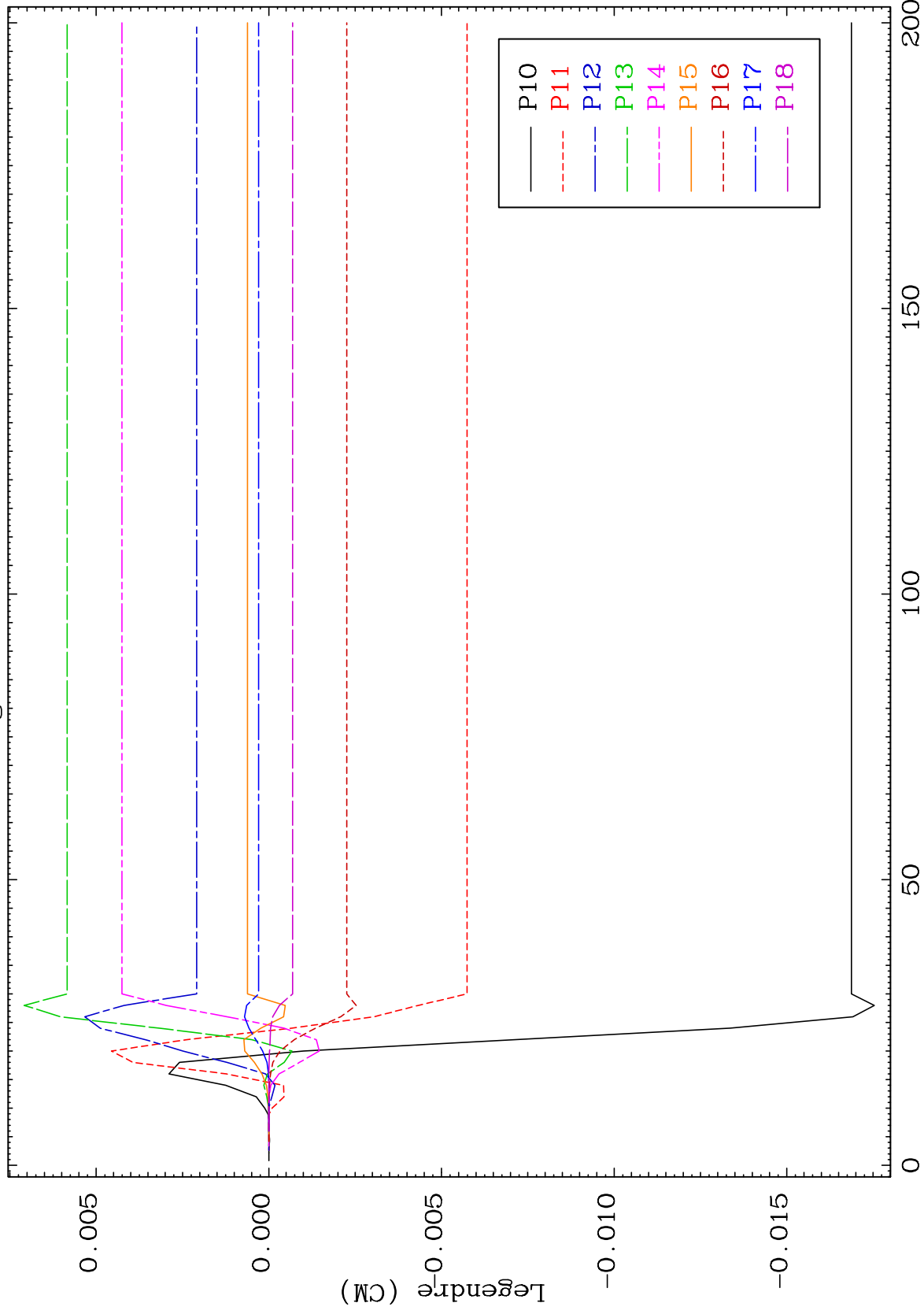
Incident Energy (MeV)

70

MAT 7689

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

77-Ir-179



71

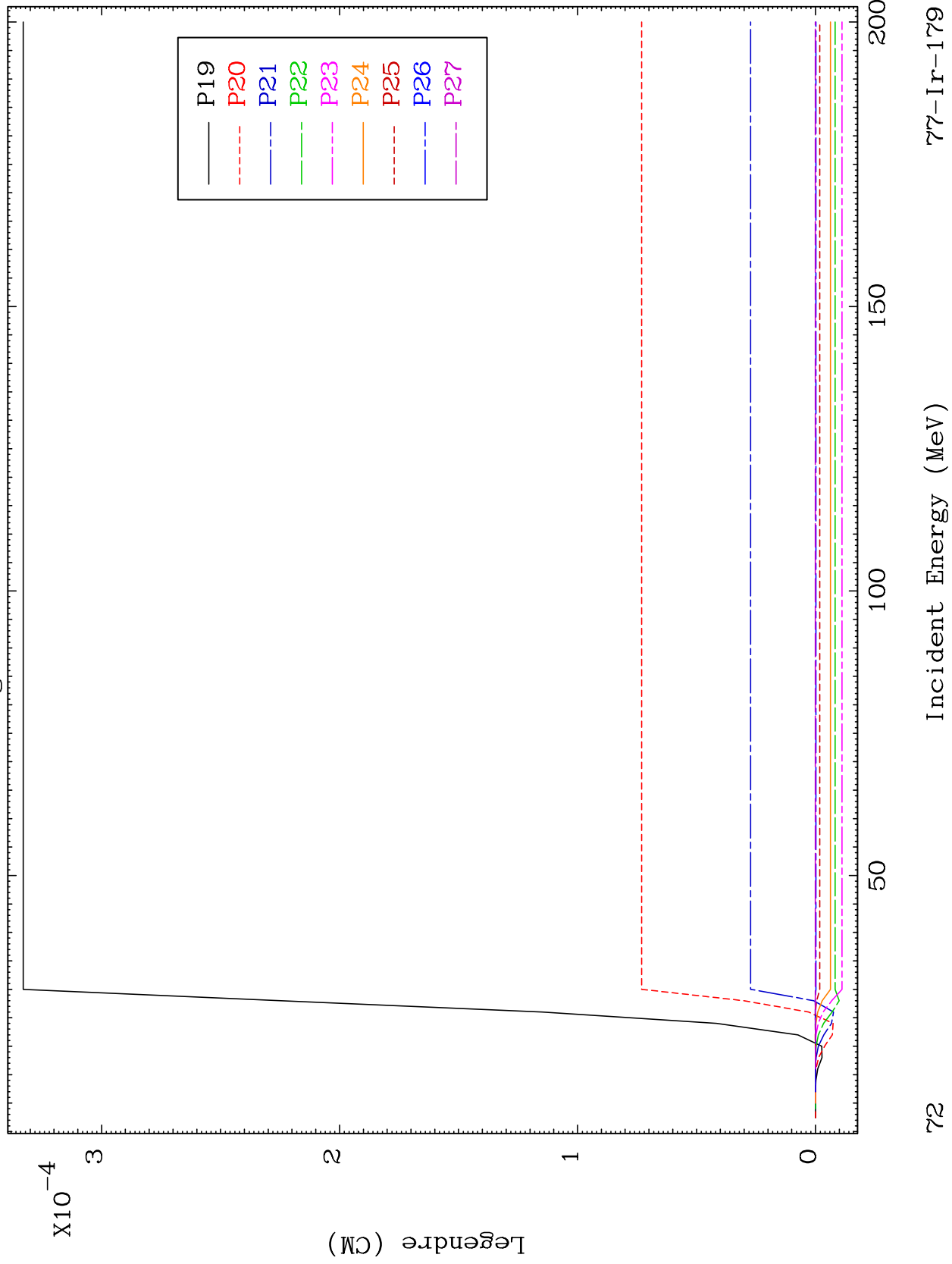
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



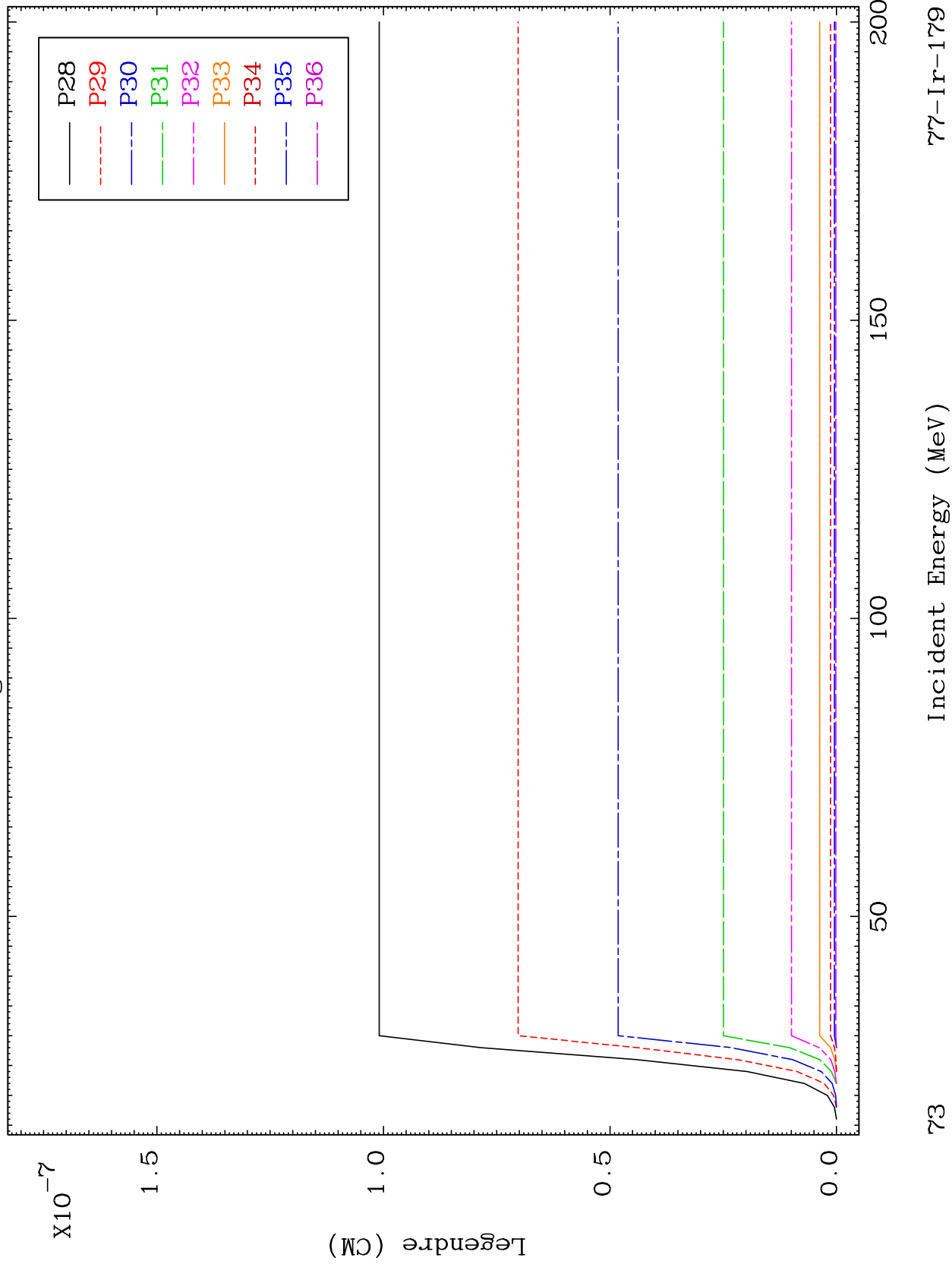
72

77-Ir-179

MAT 7689

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

77-Ir-179



73

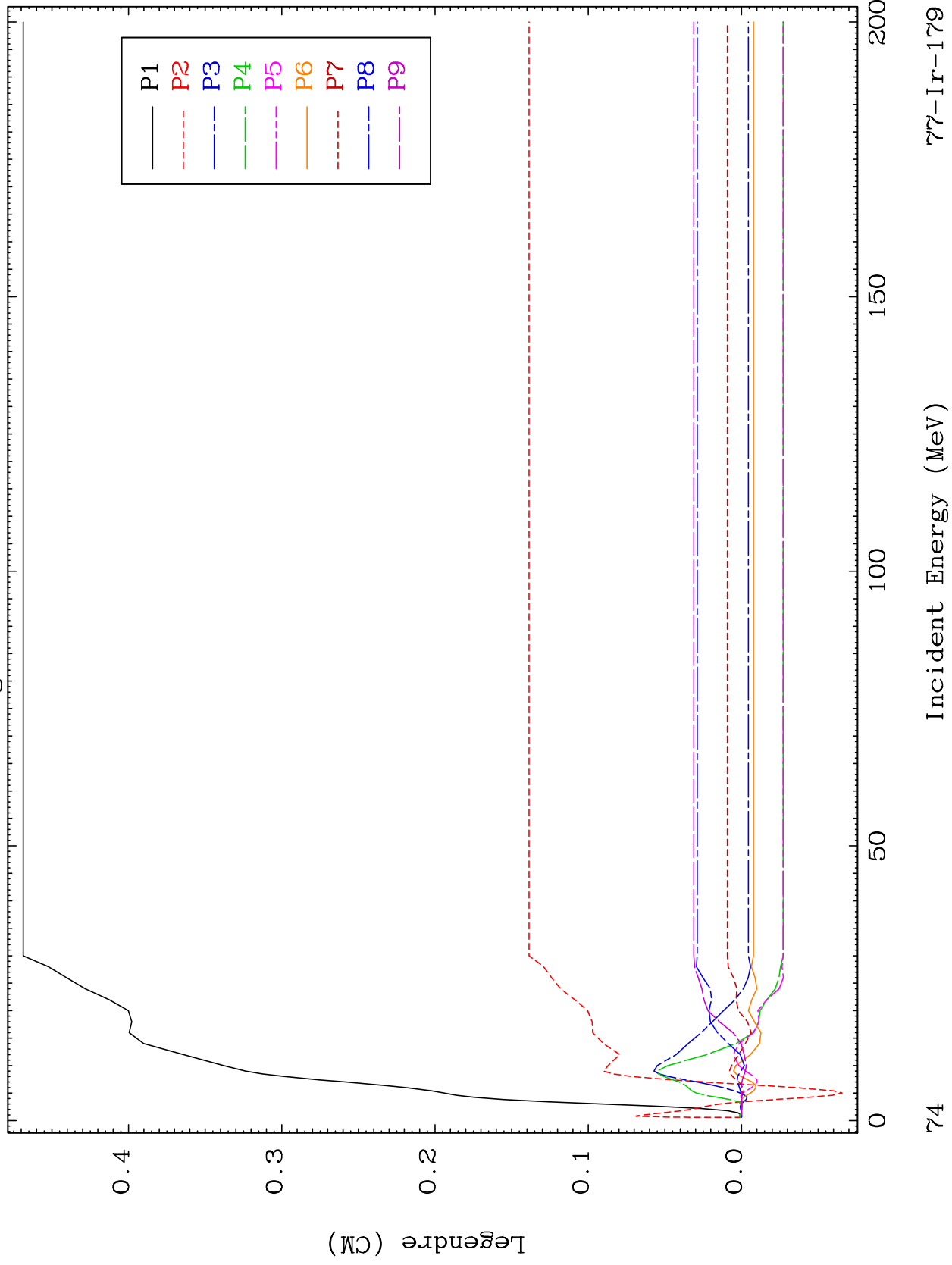
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

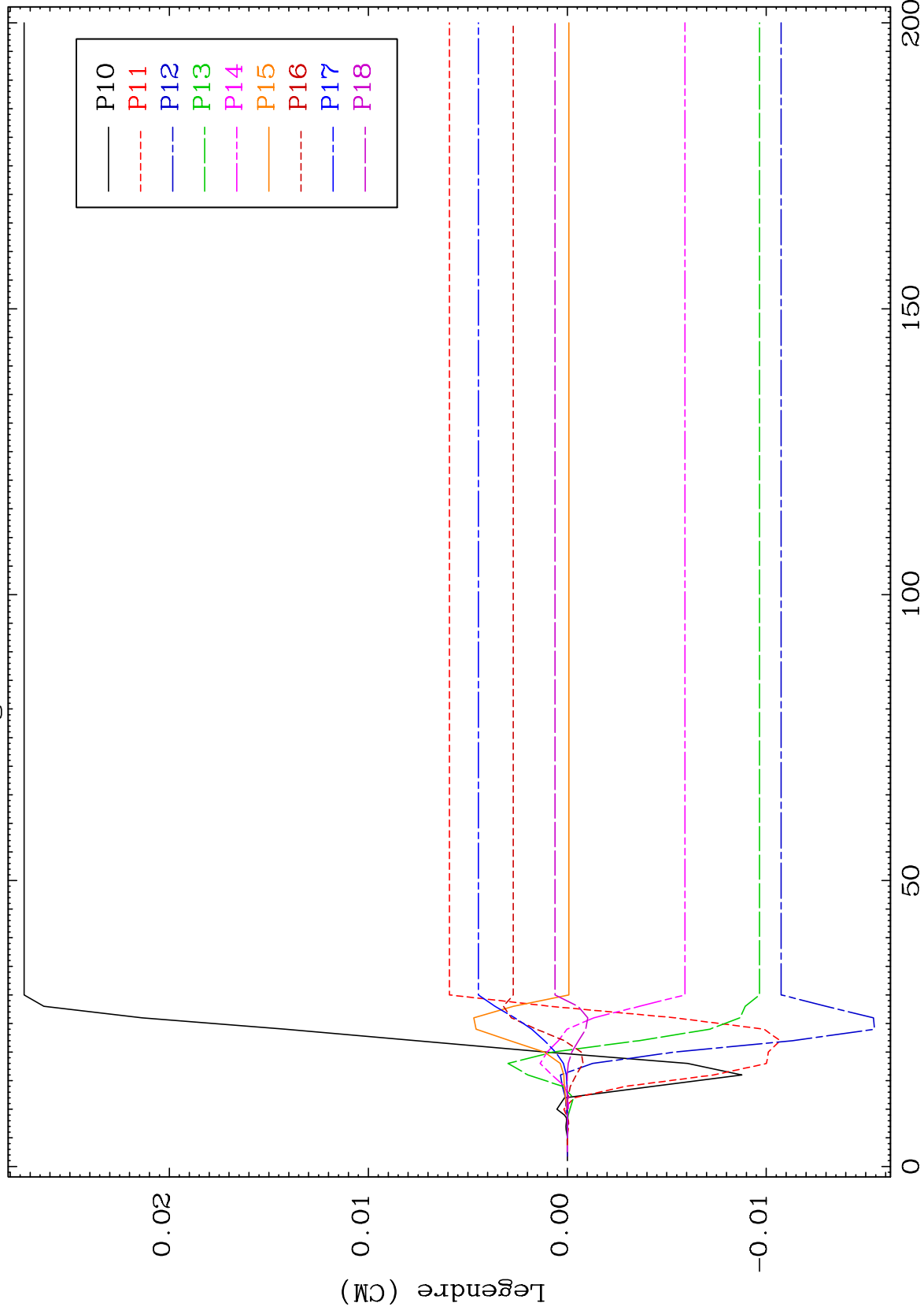
Incident Energy (MeV)

74

MAT 7689

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

77-Ir-179



75

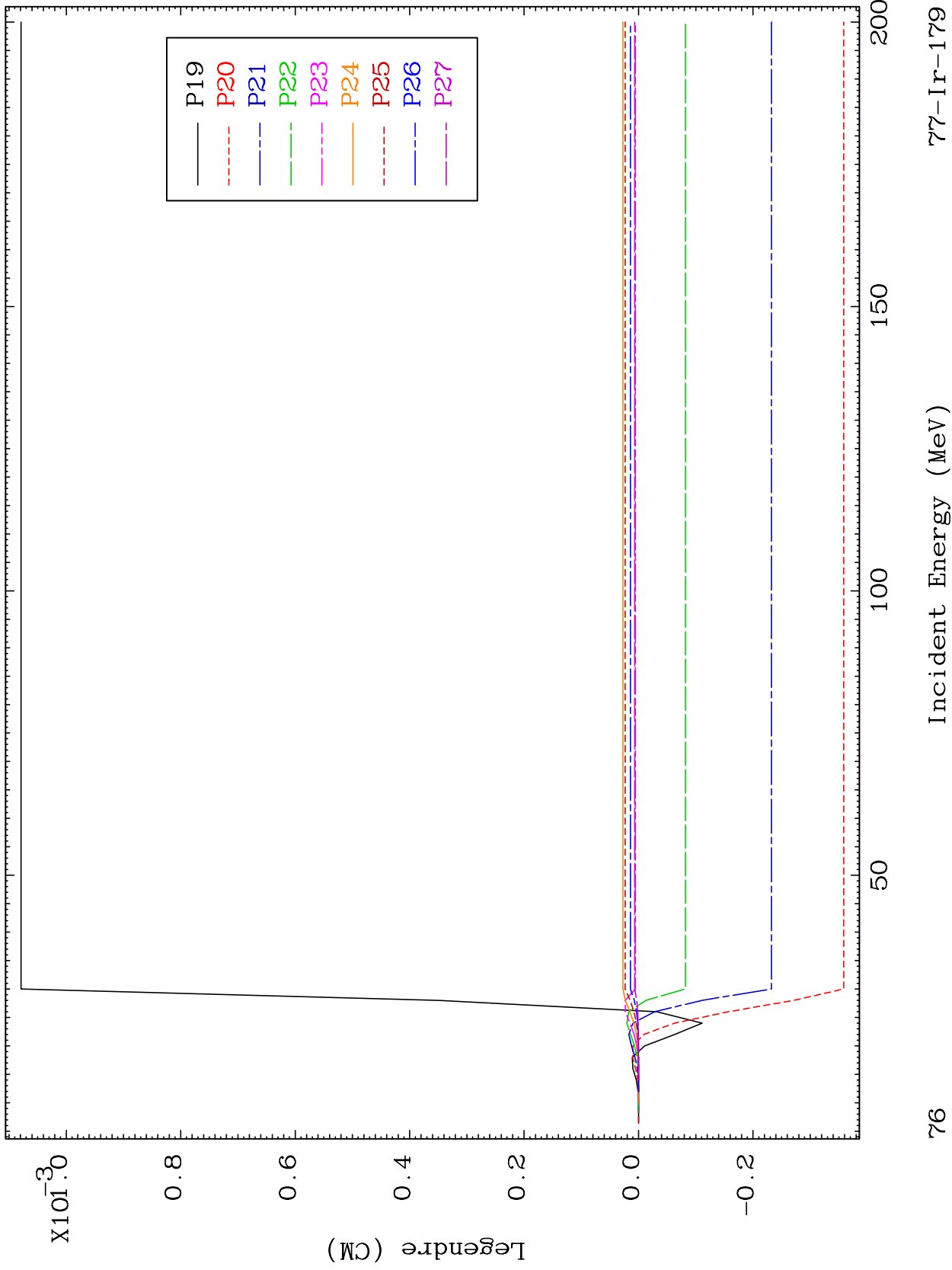
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



76

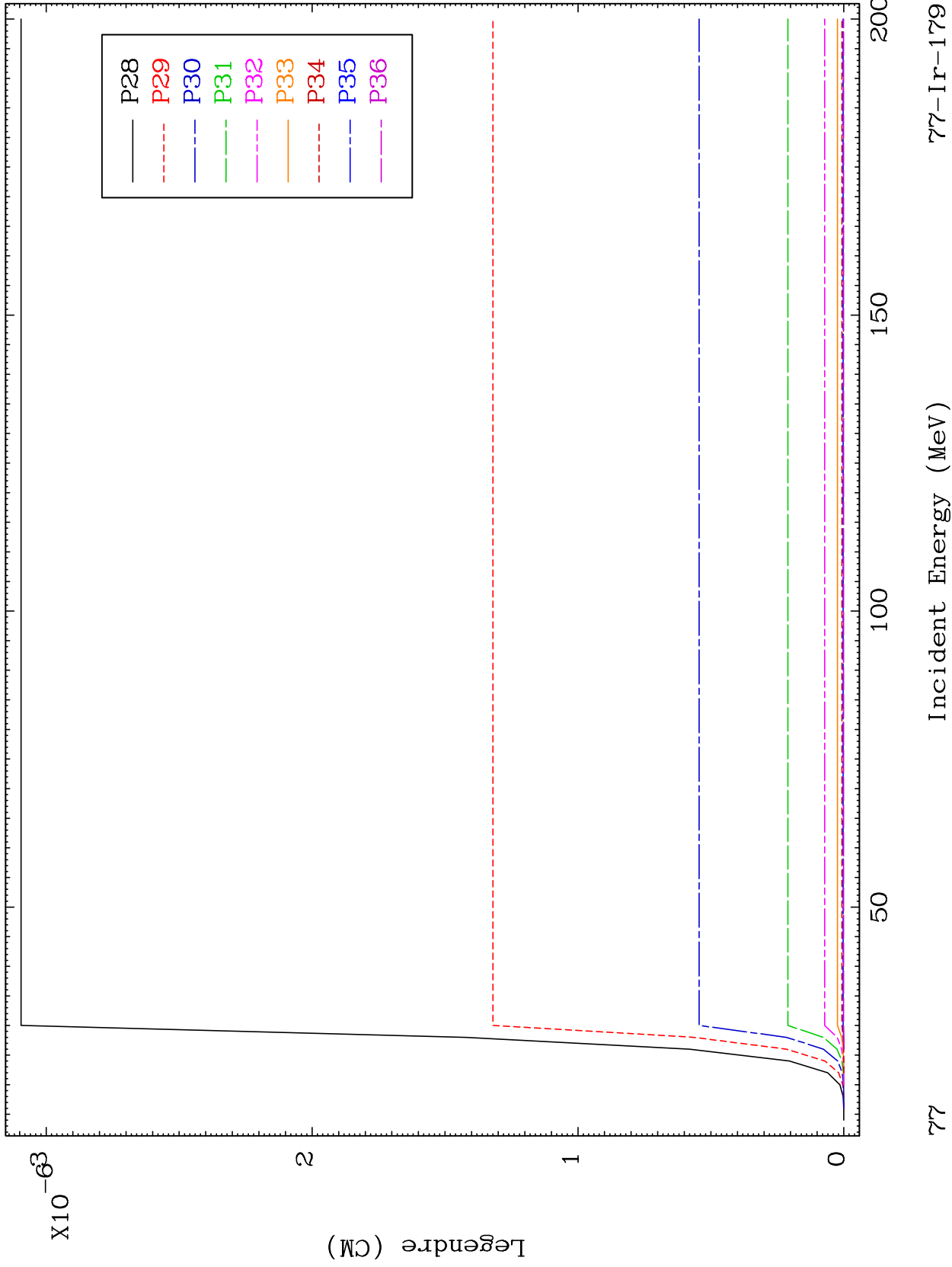
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179

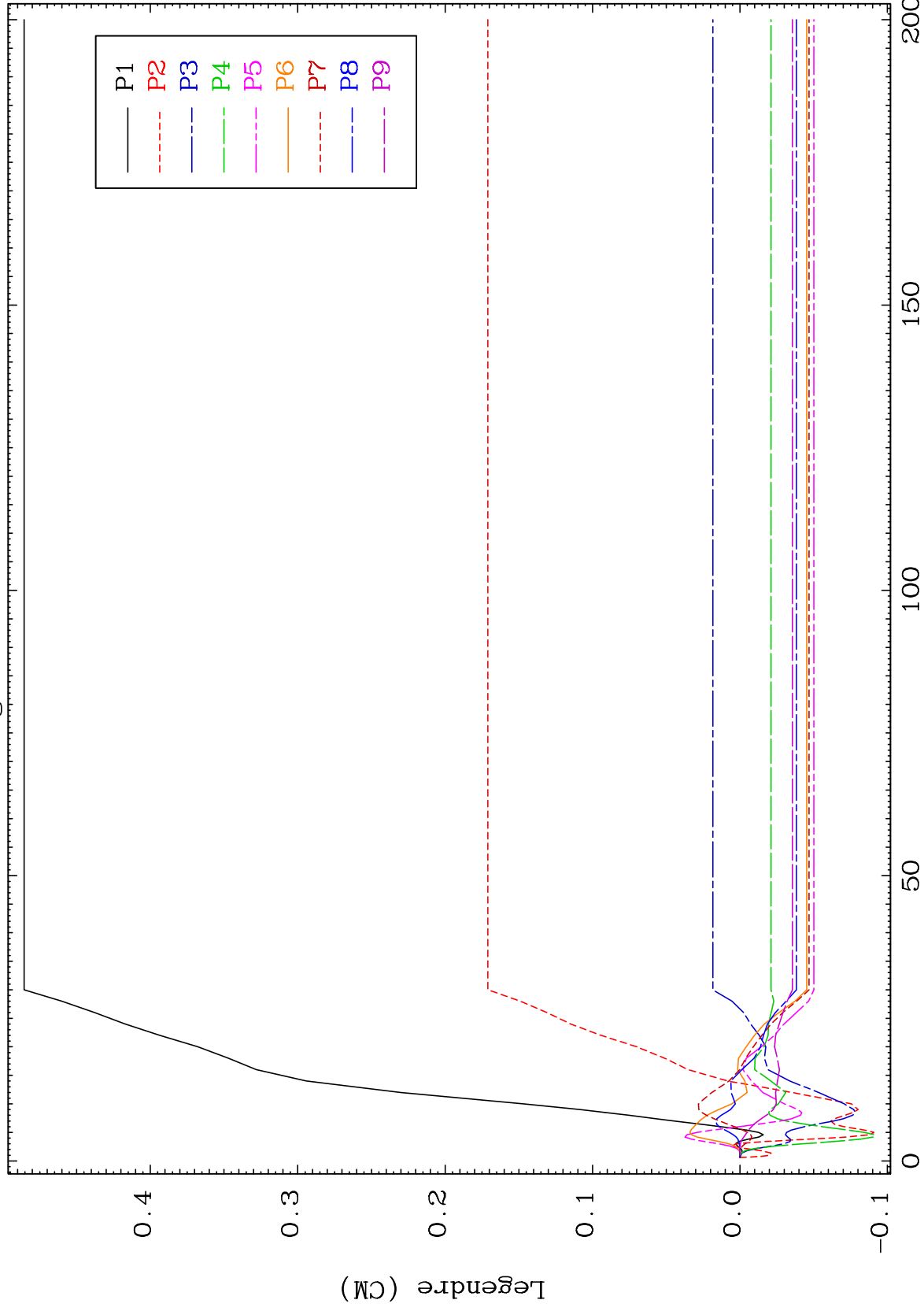


77

MAT 7689

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

77-Ir-179



78

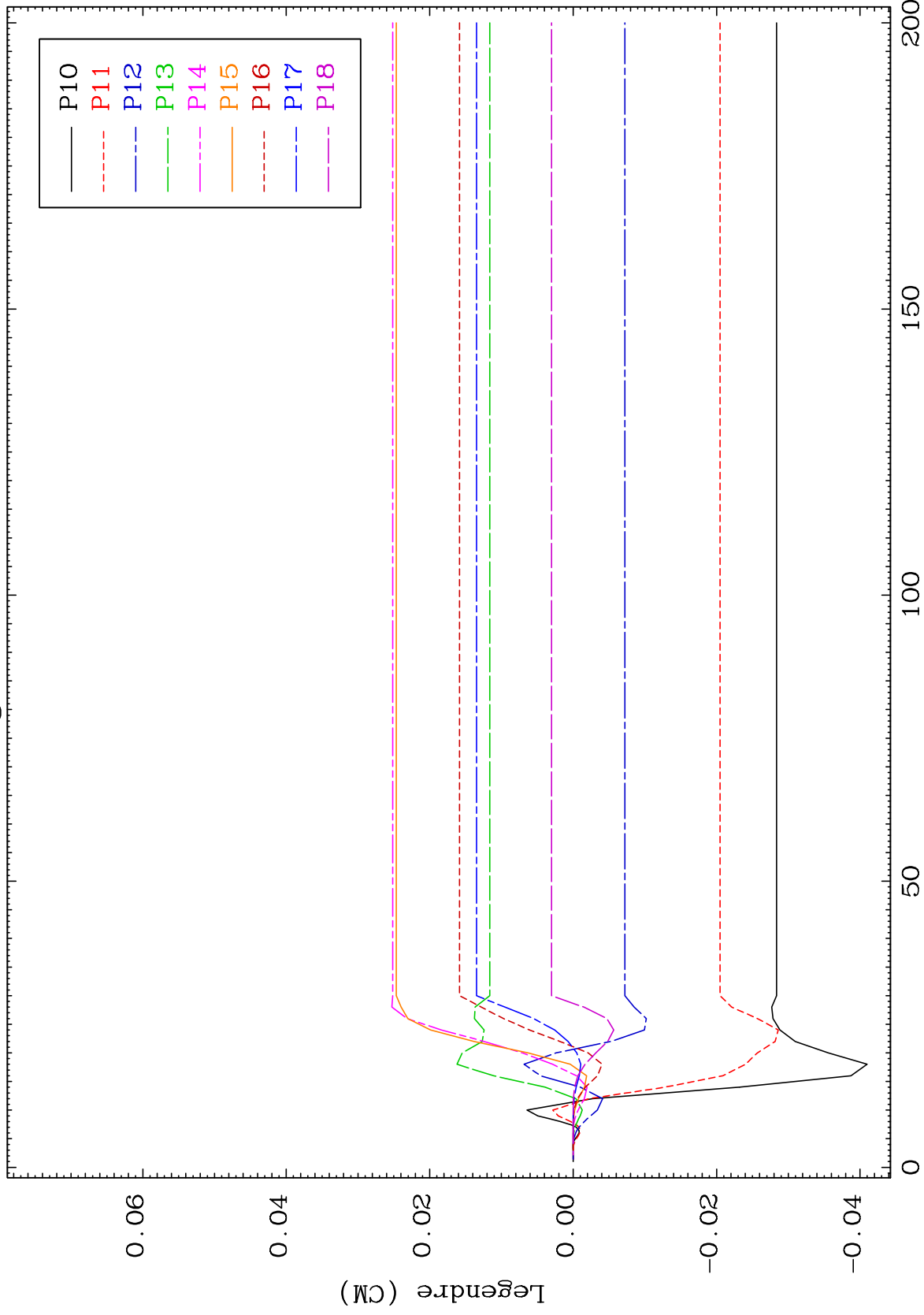
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



79

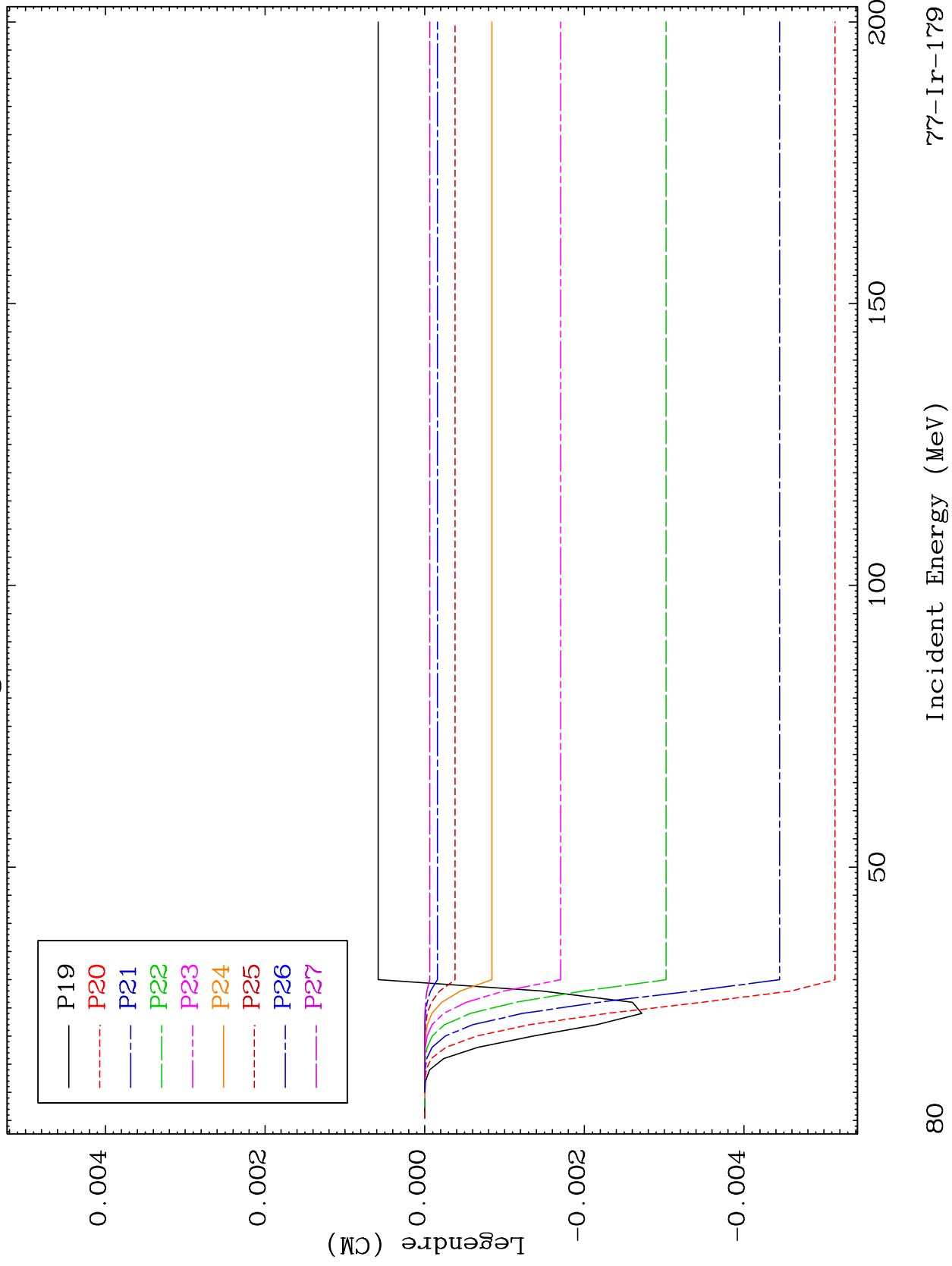
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

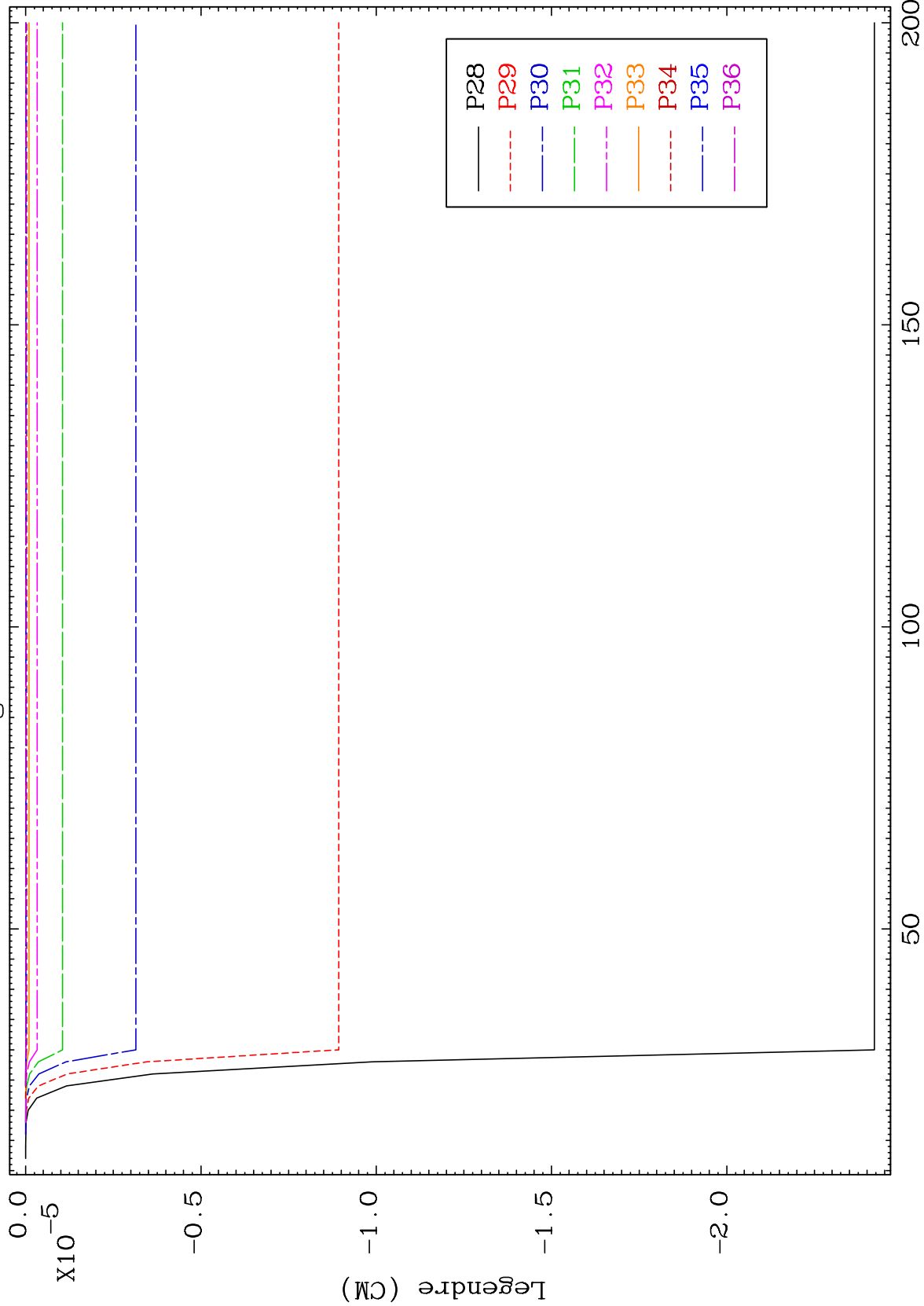
77-Ir-179



80

Incident Energy (MeV)

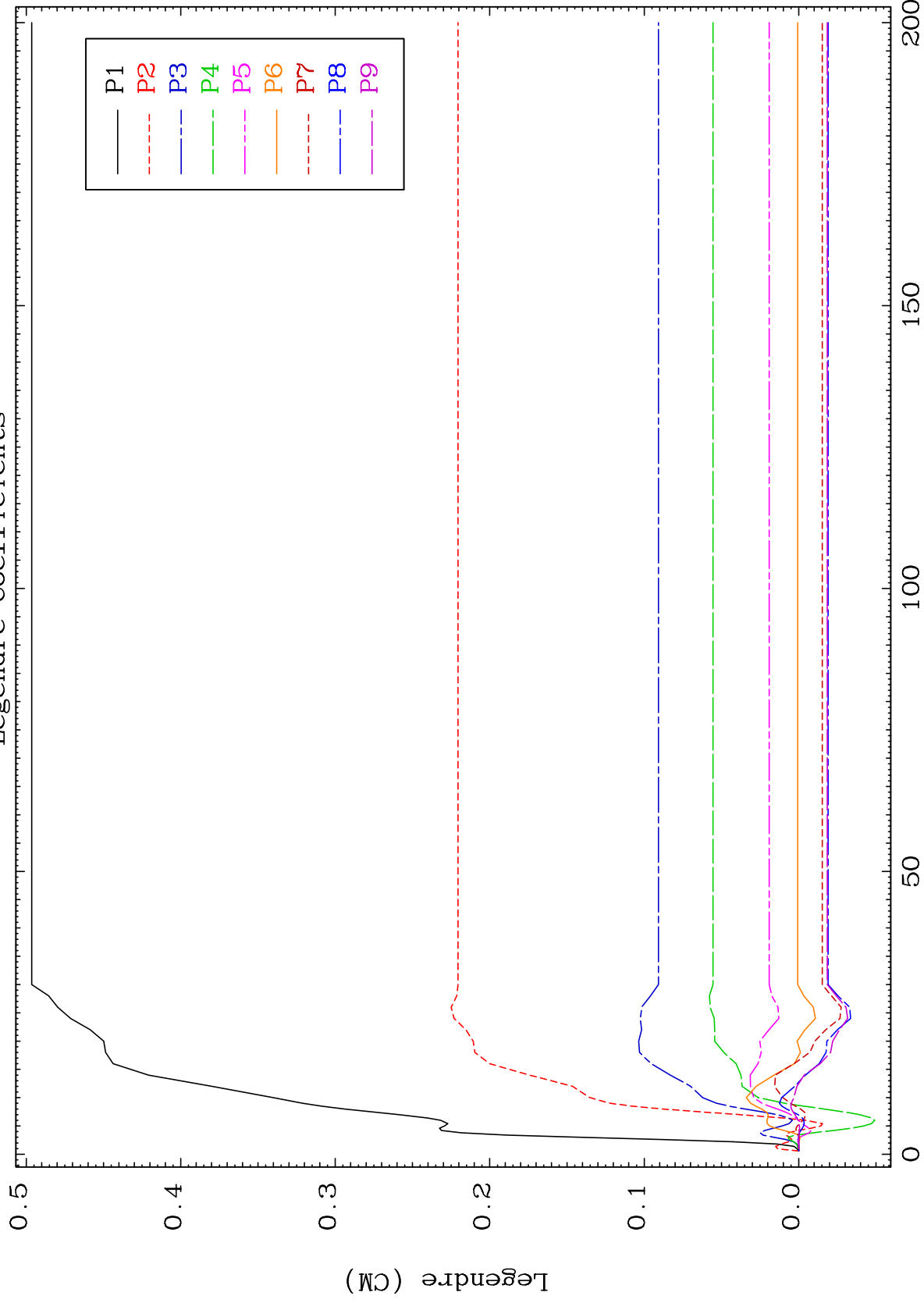
77-Ir-179



MAT 7689

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

77-Ir-179



82

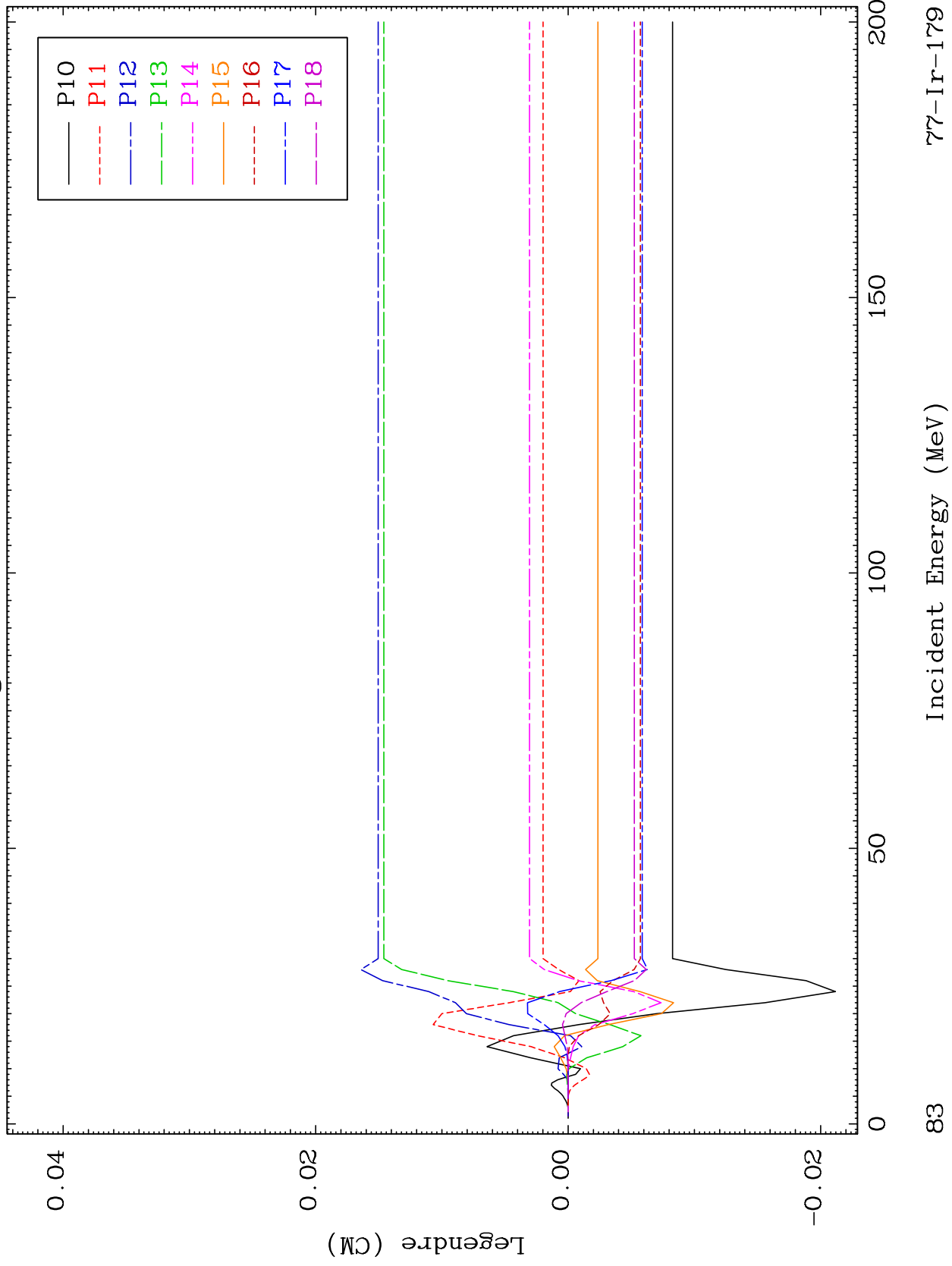
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

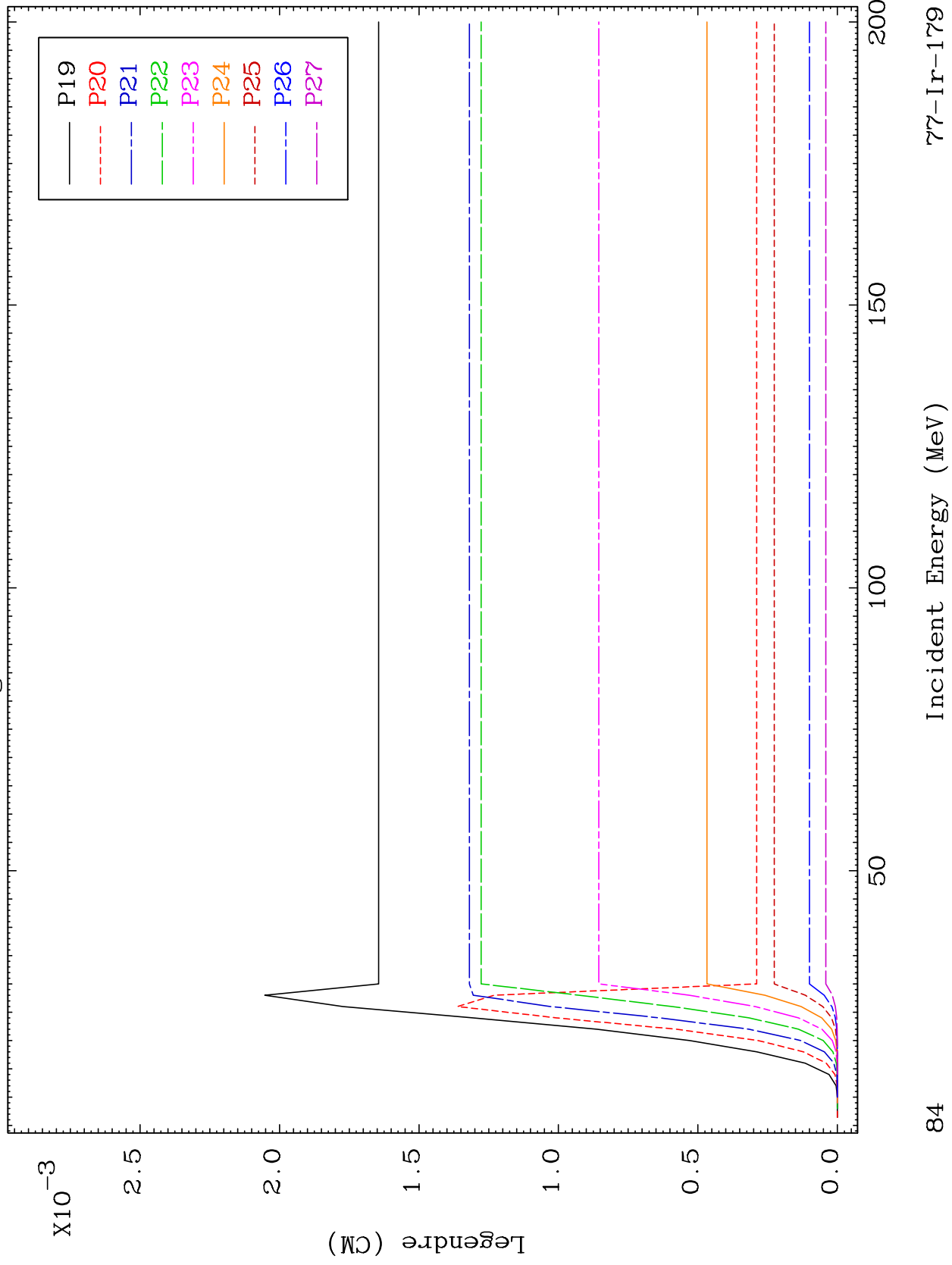
77-Ir-179



MAT 7689

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

77-Ir-179



84

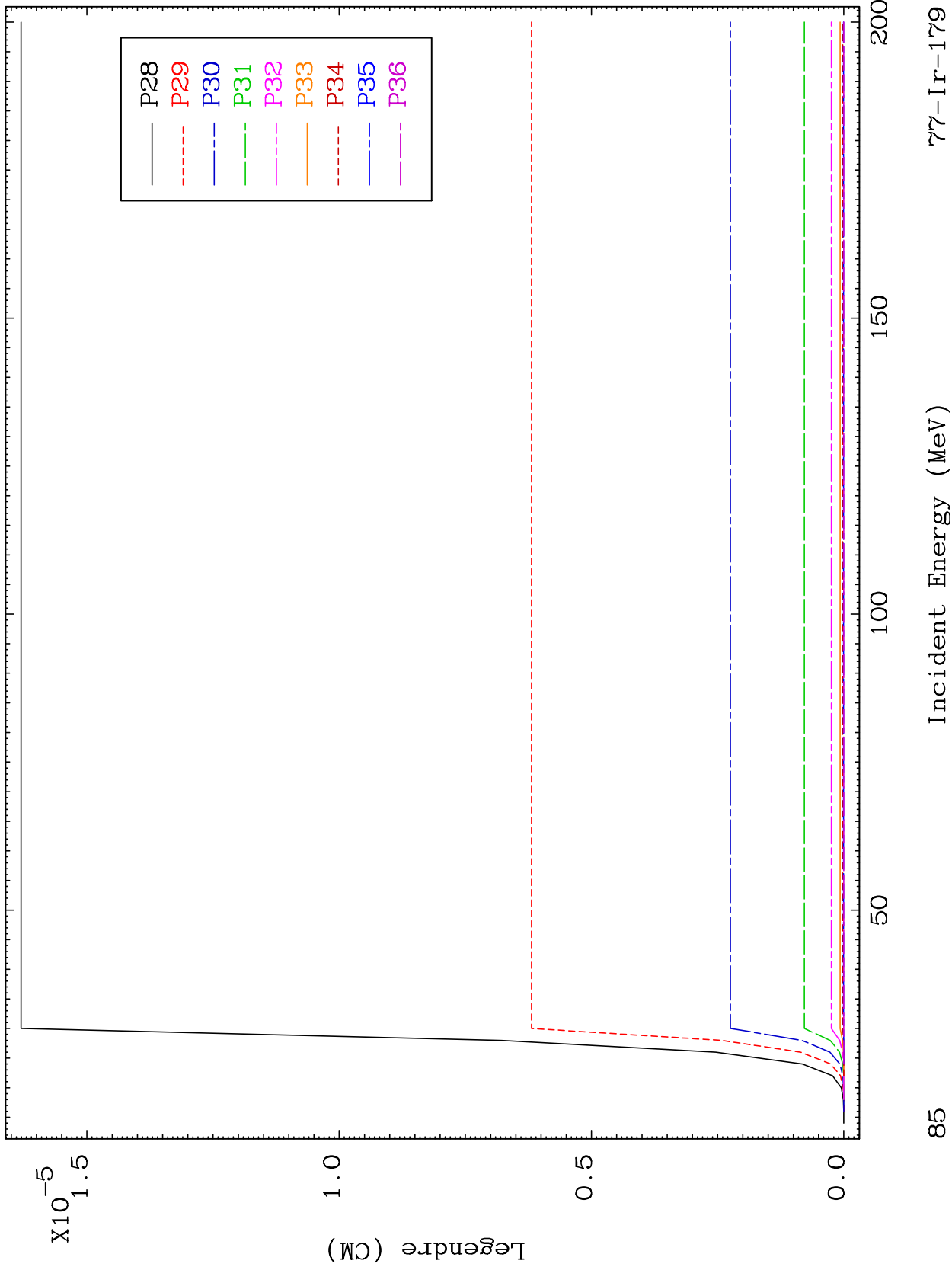
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

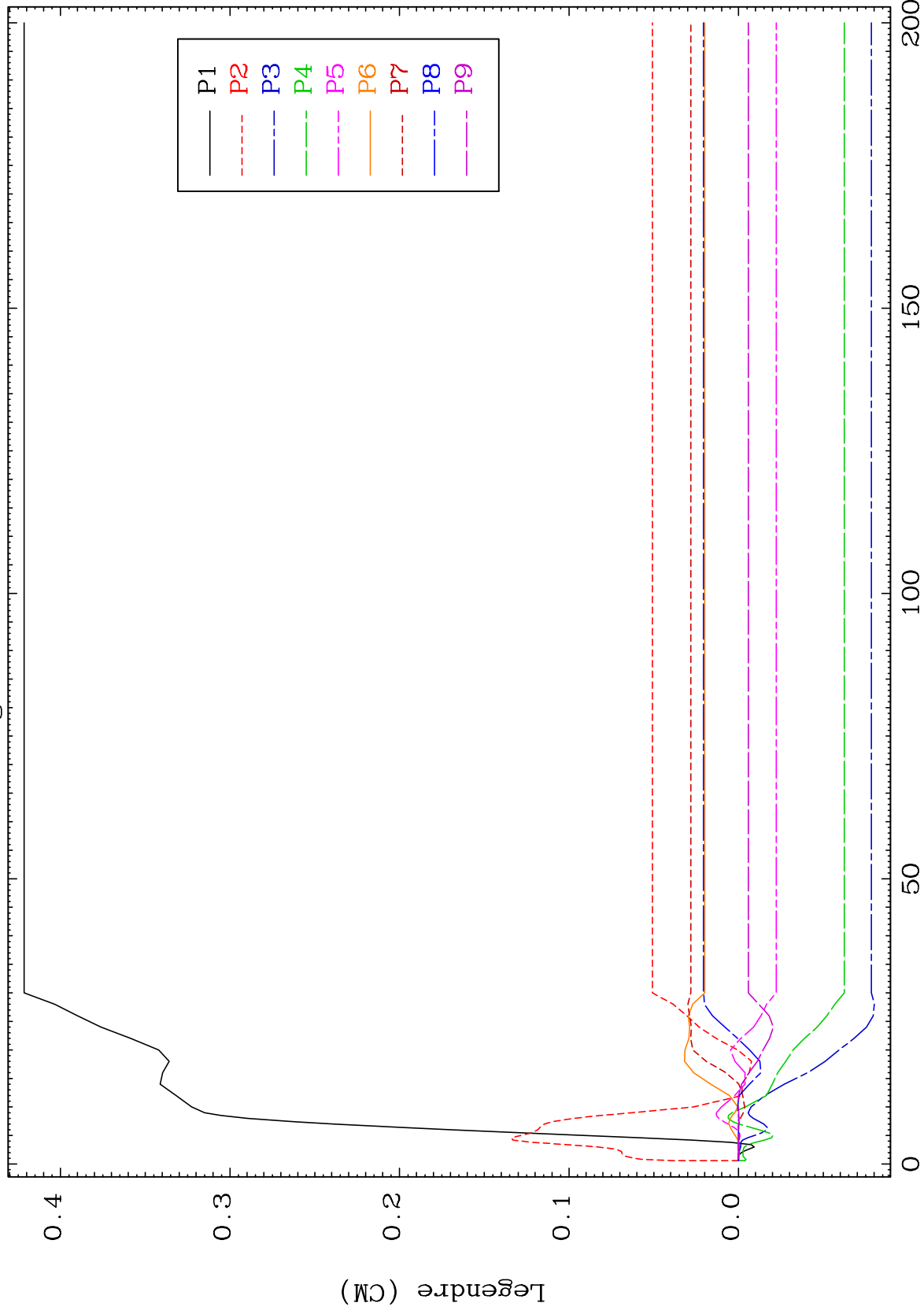
77-Ir-179



MAT 7689

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

77-Ir-179



86

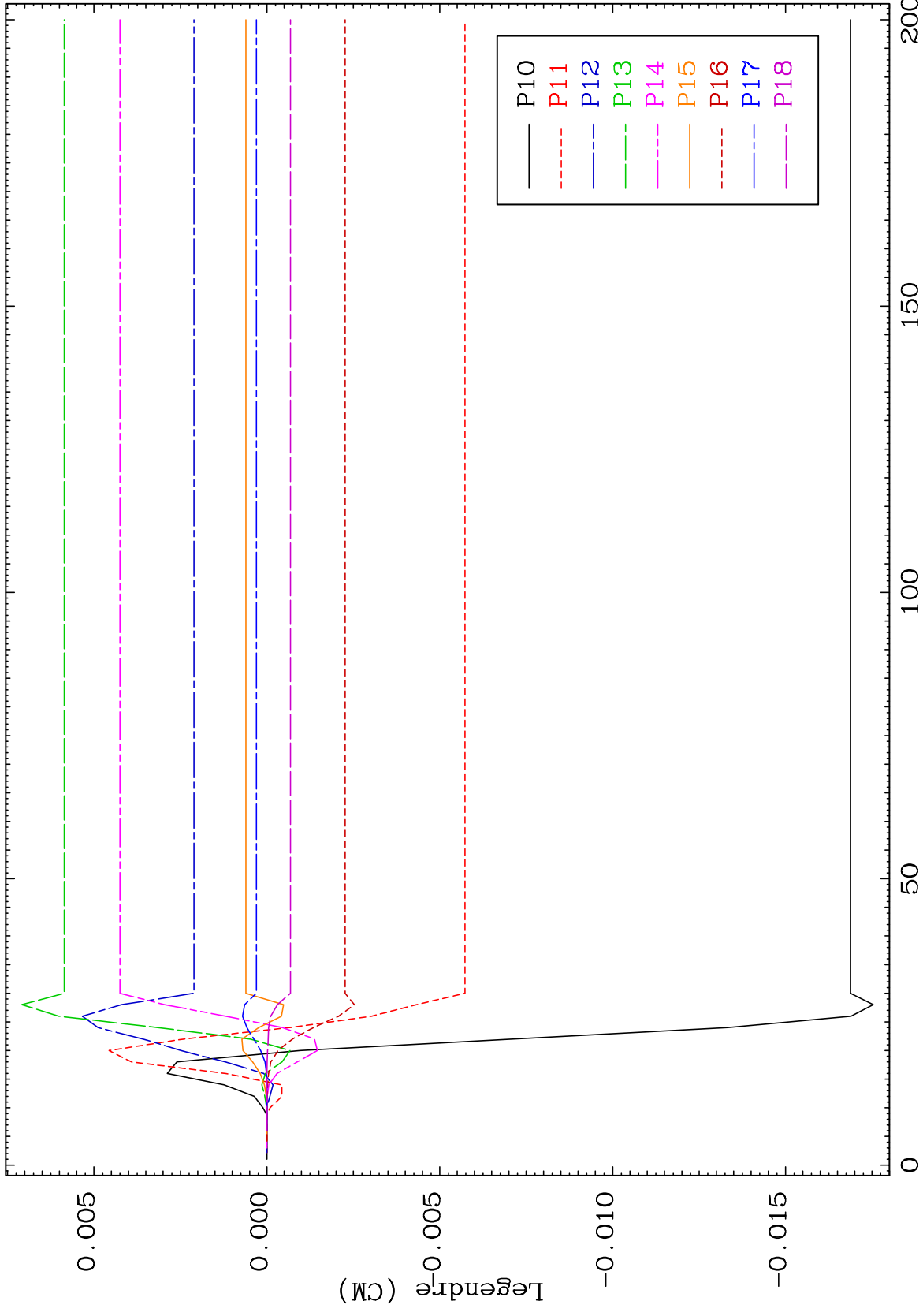
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



87

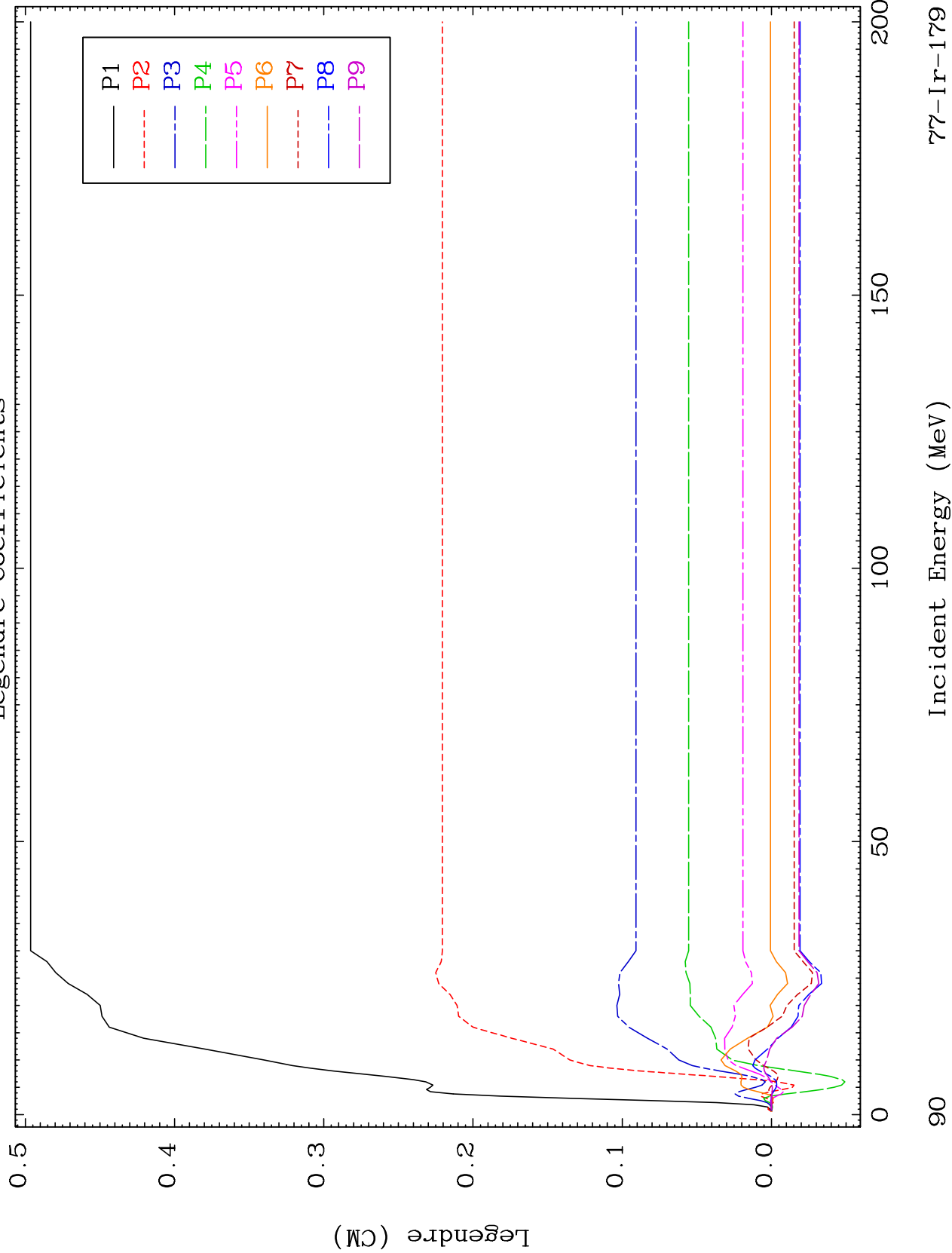
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

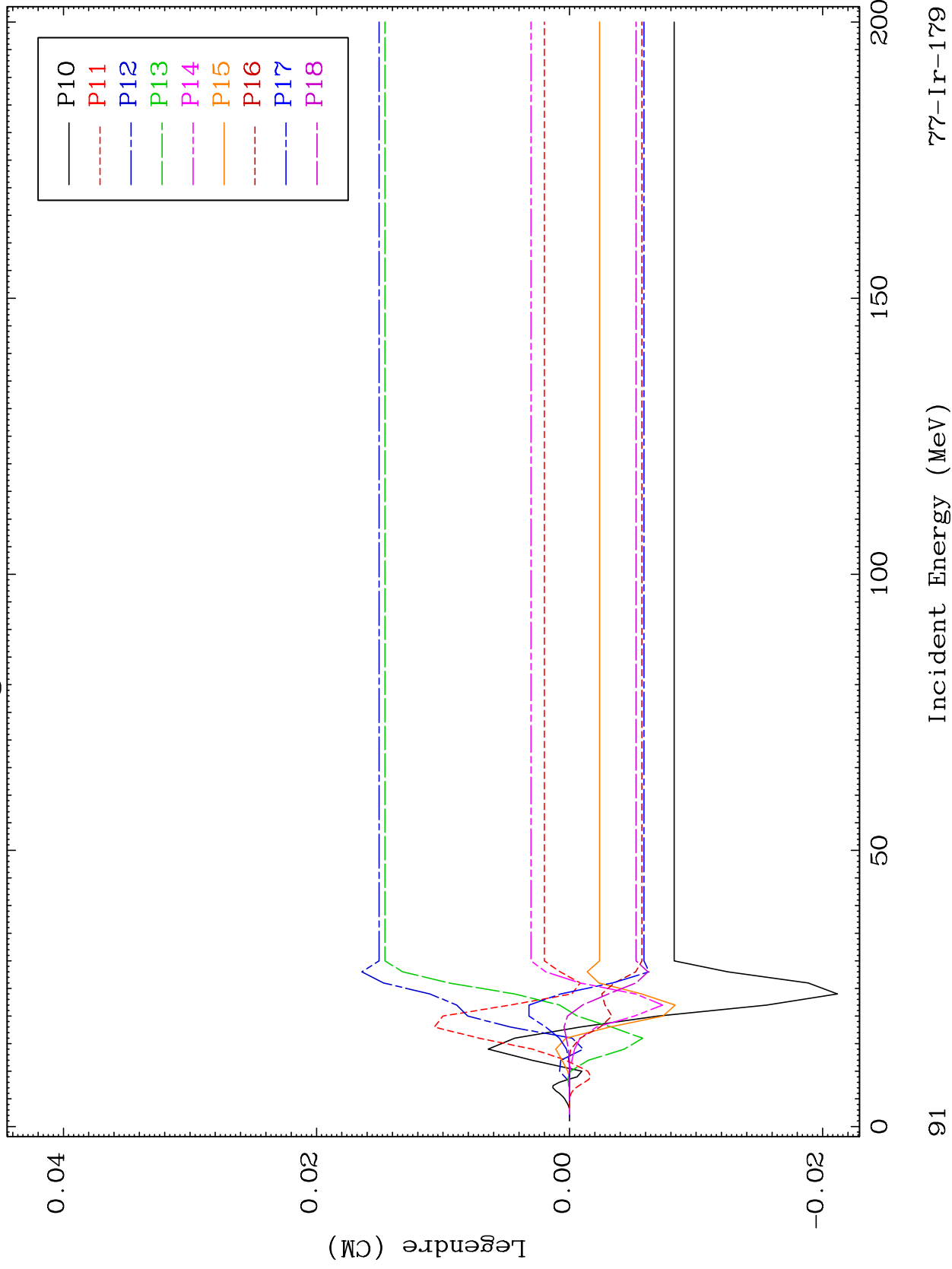
Incident Energy (MeV)

90

MAT 7689

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

77-Ir-179



77-Ir-179

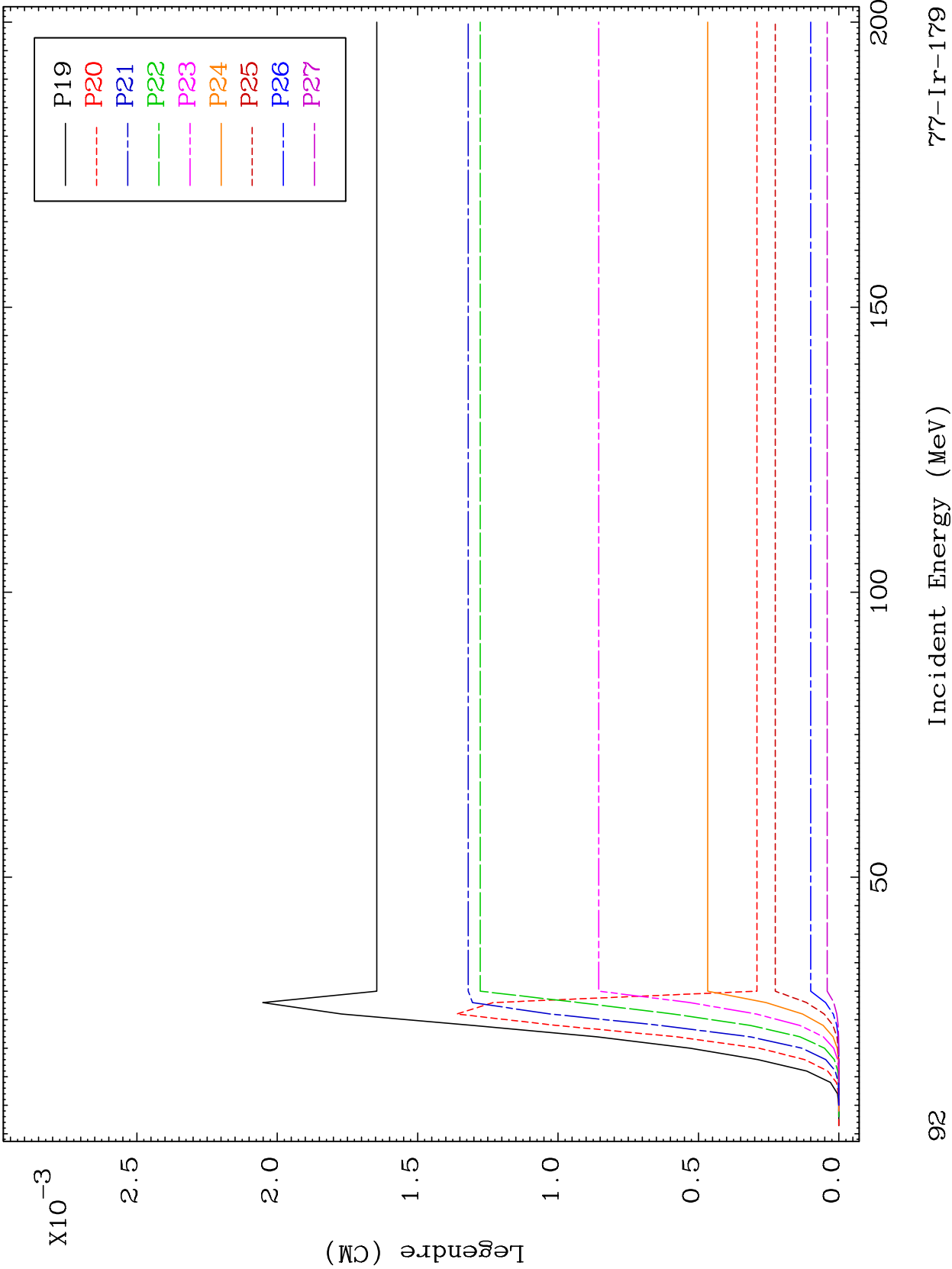
Incident Energy (MeV)

91

MAT 7689

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

77-Ir-179



92

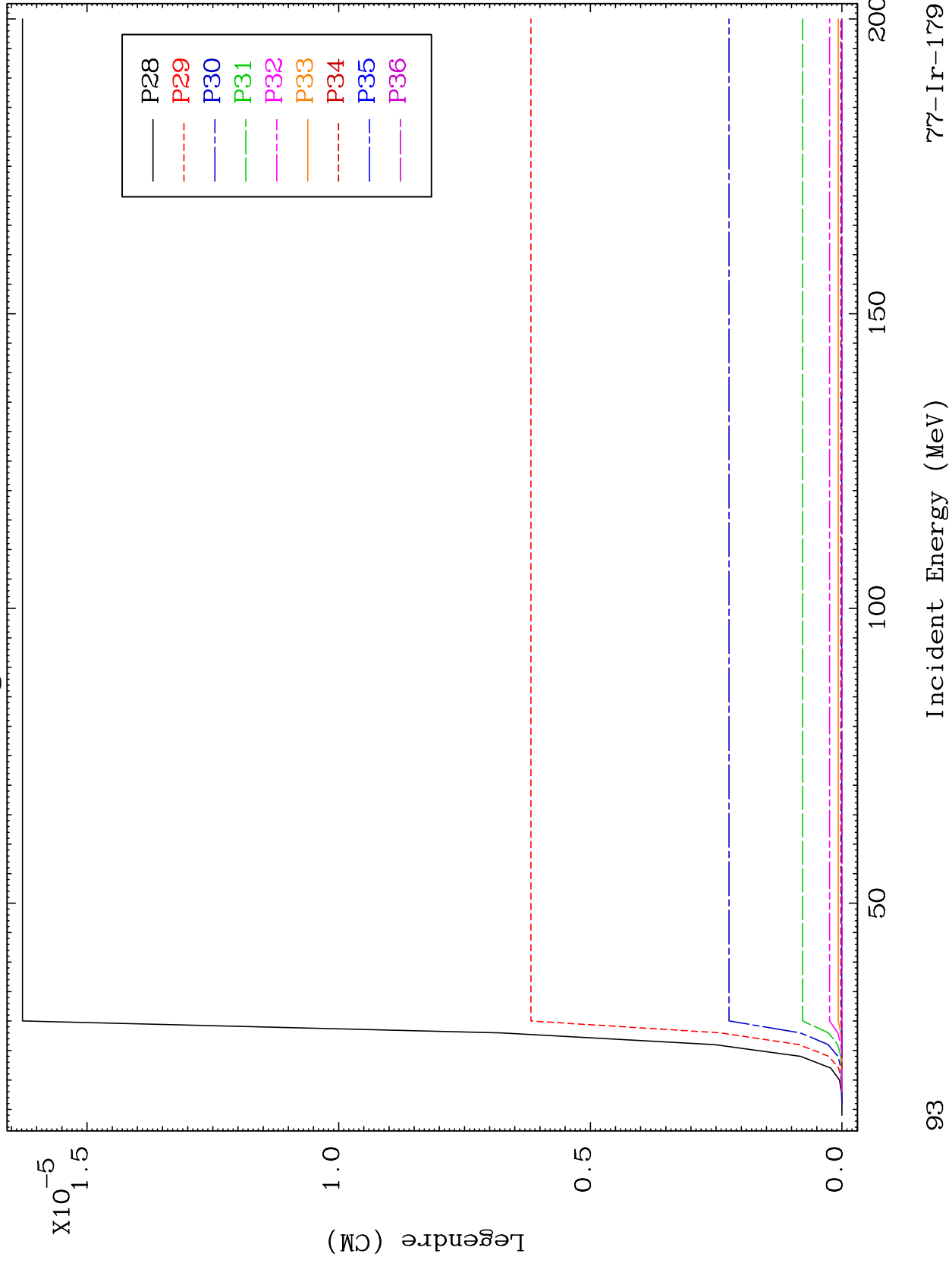
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

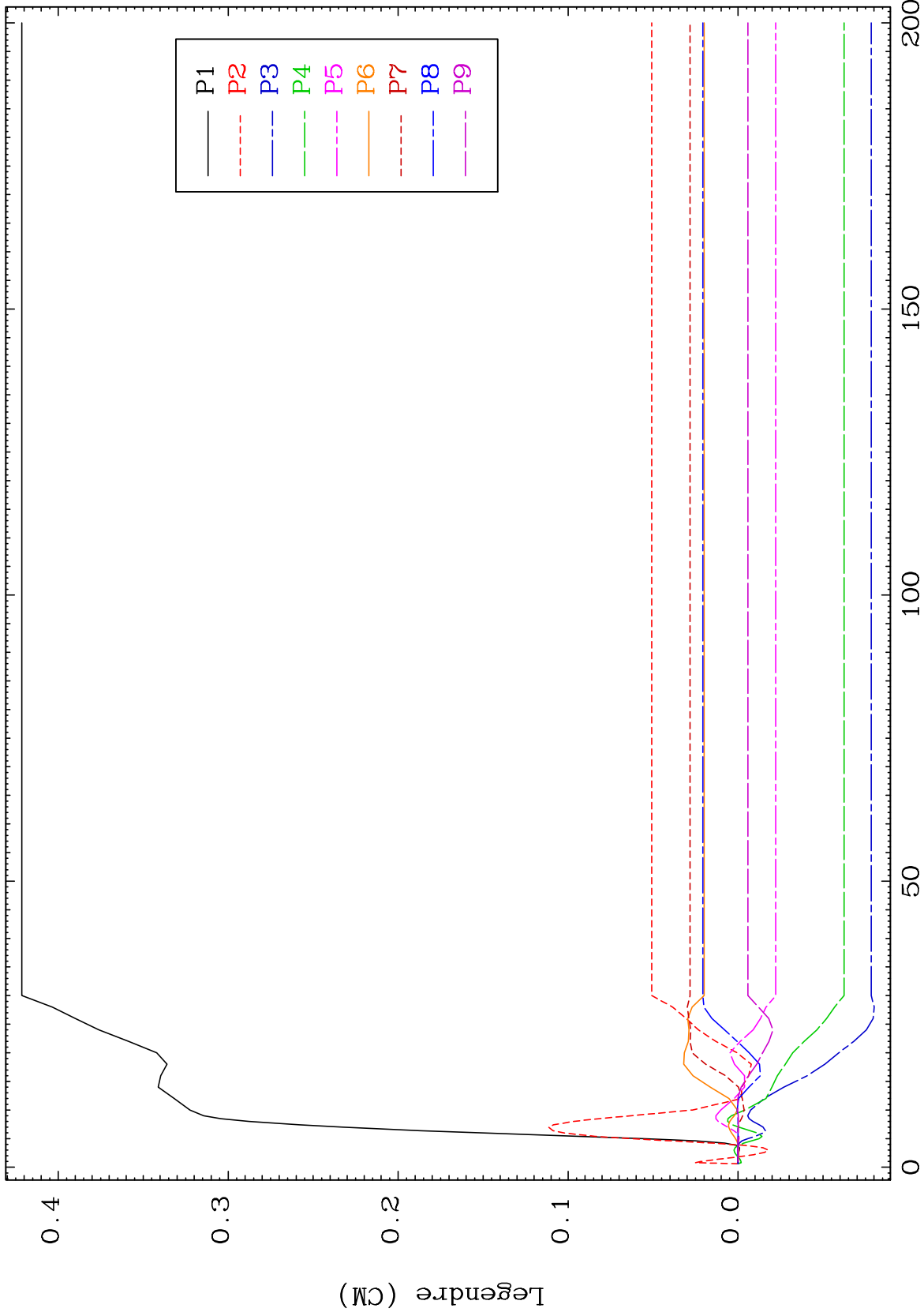
77-Ir-179



MAT 7689

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

77-Ir-179



94

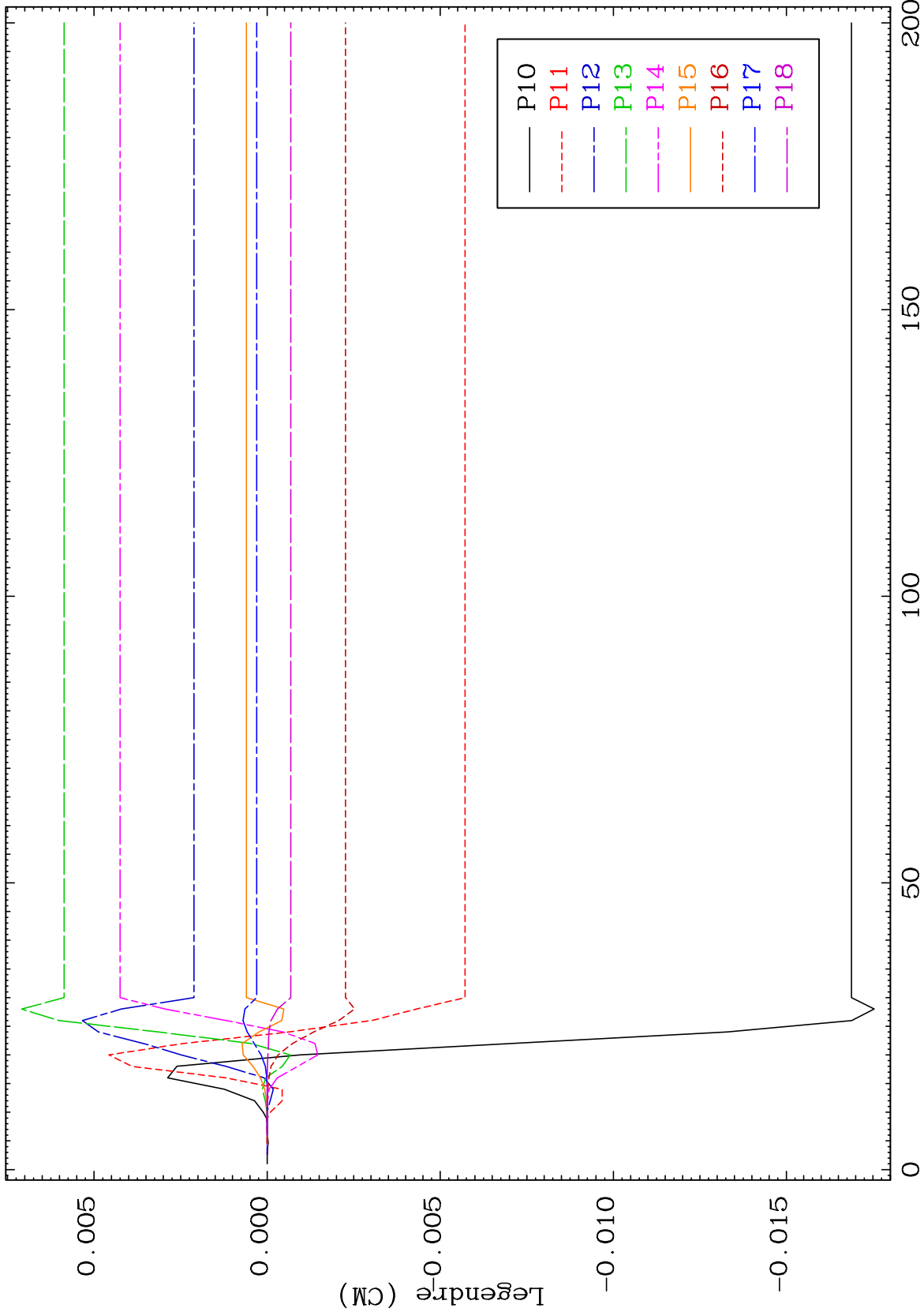
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



95

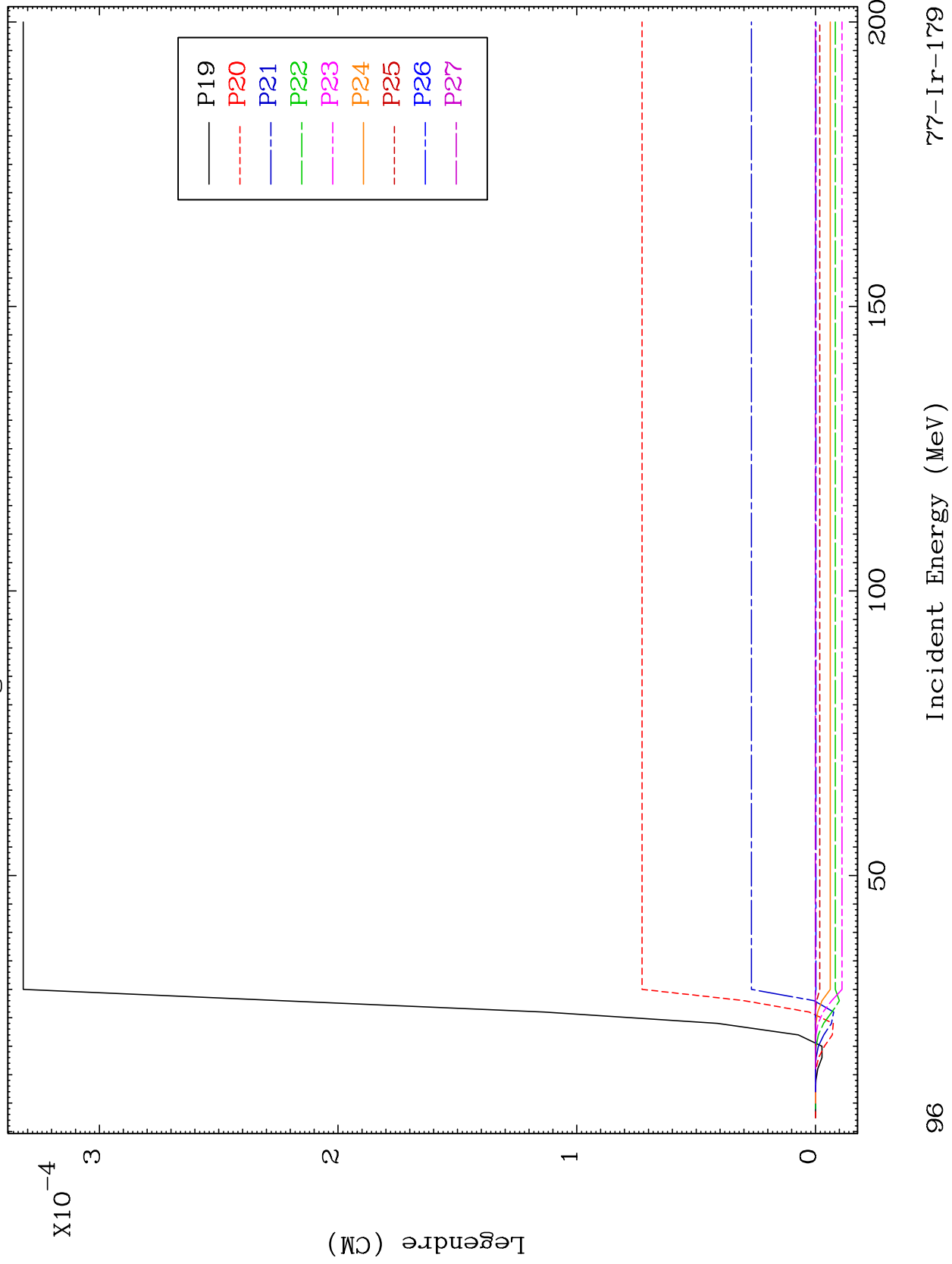
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



96

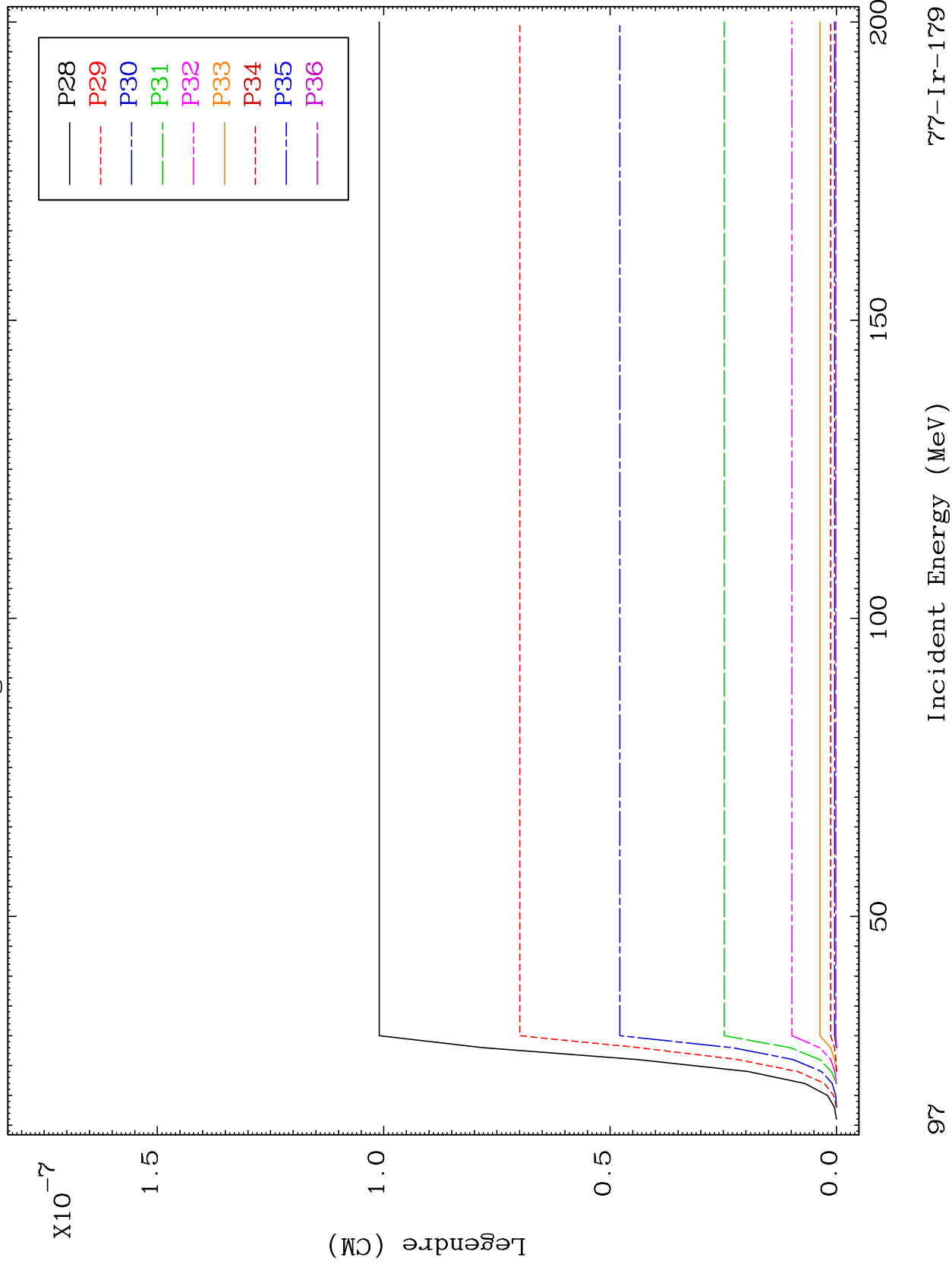
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



97

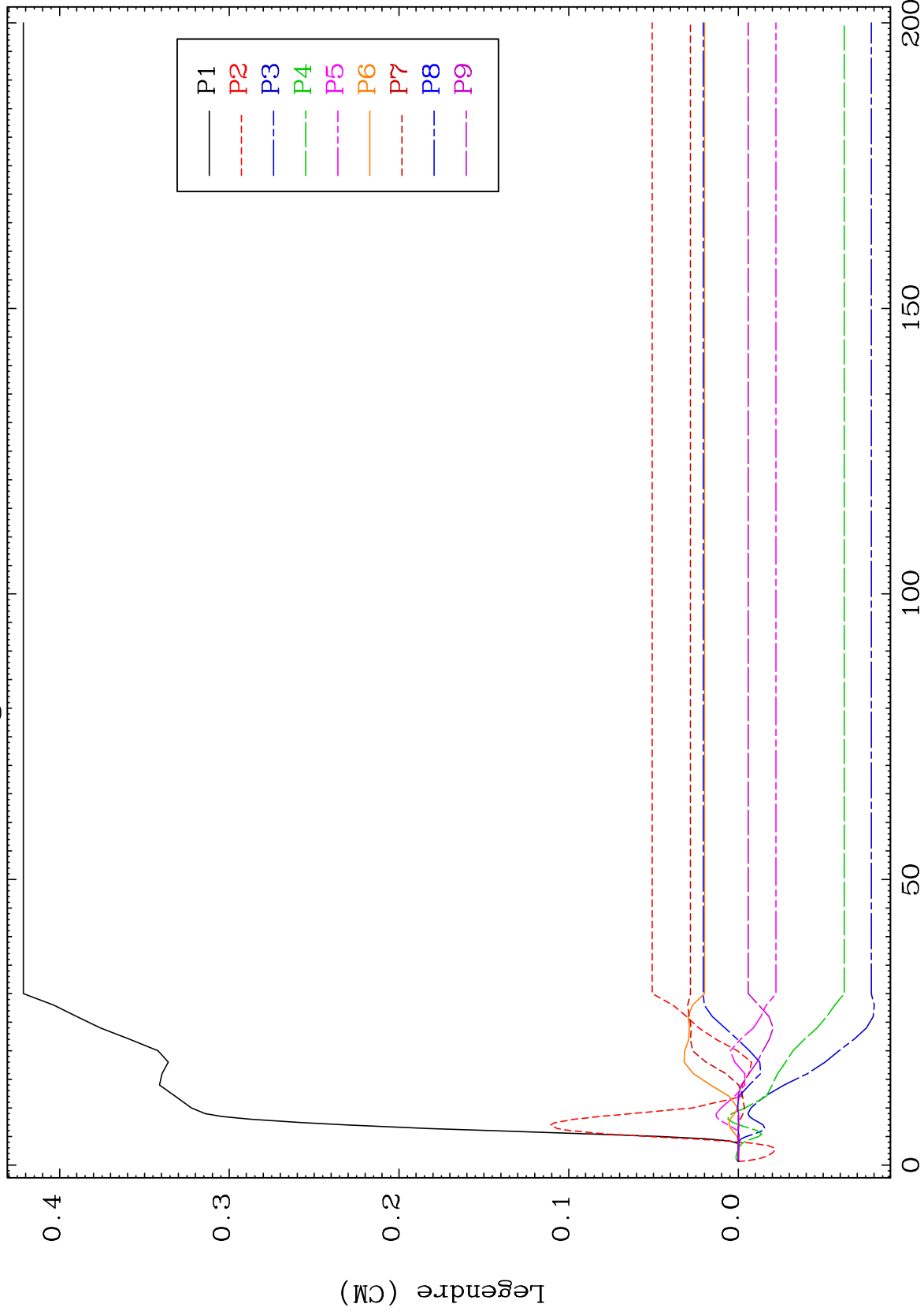
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



98

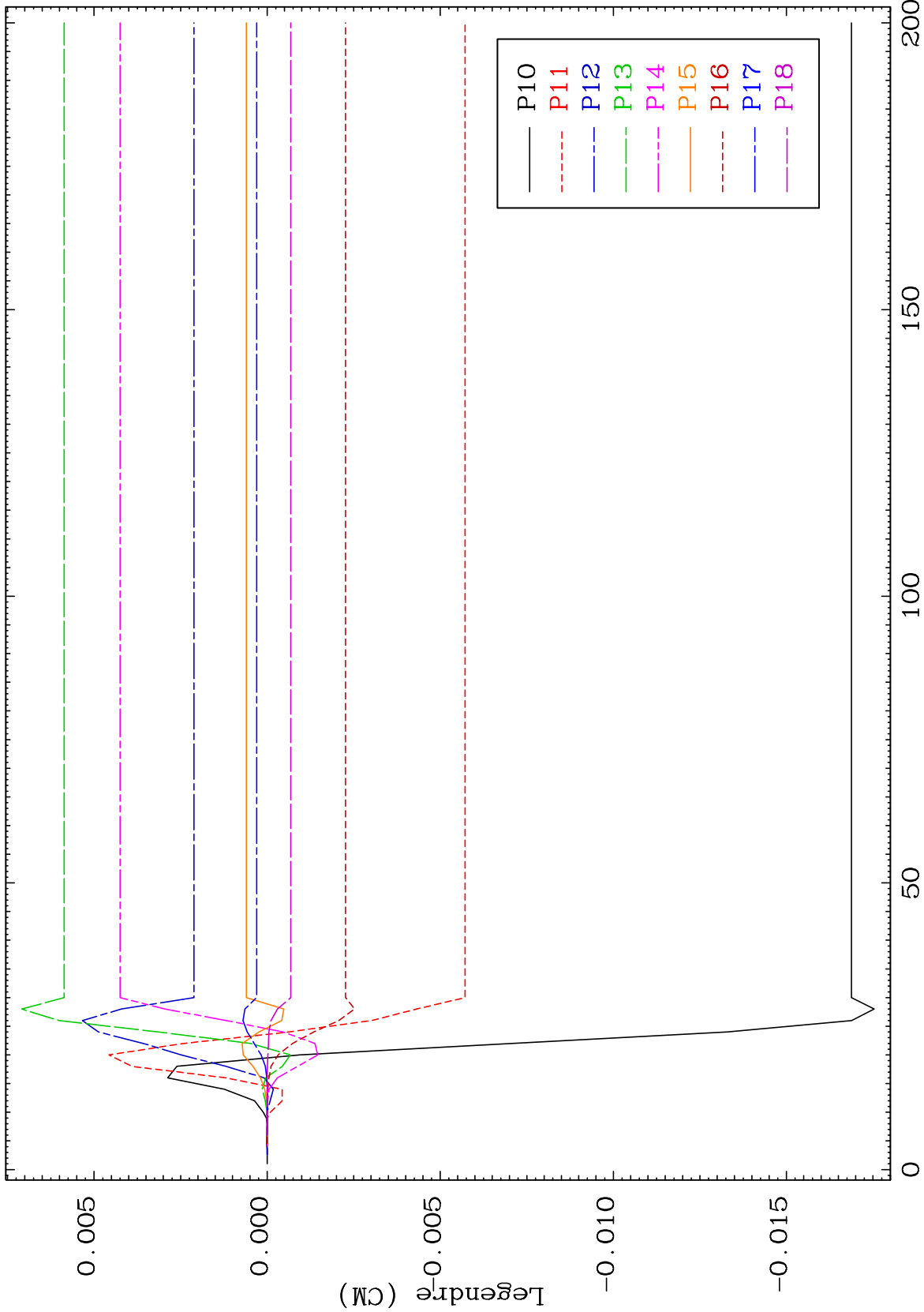
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



99

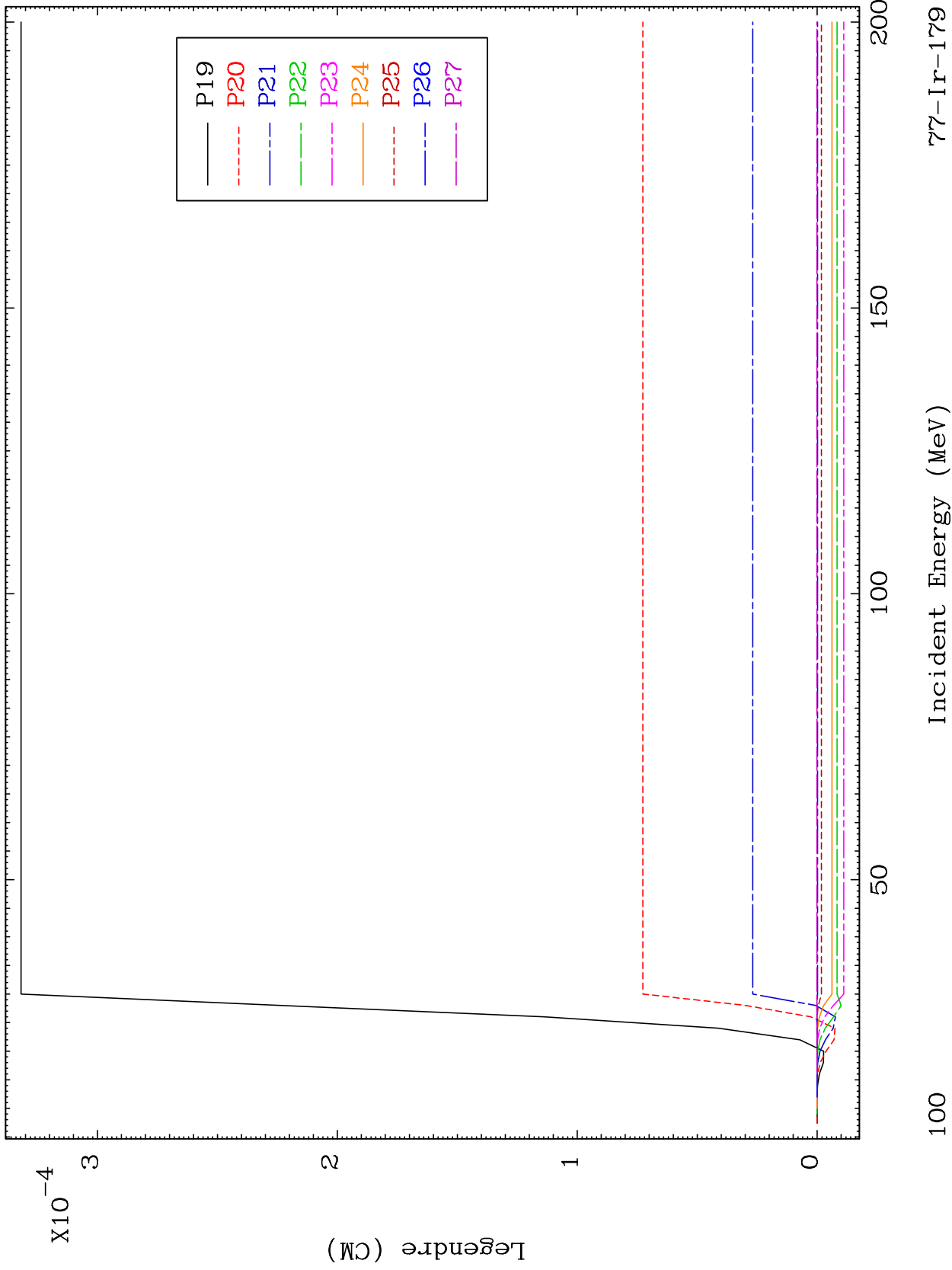
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

⁷⁷Ir-179



100

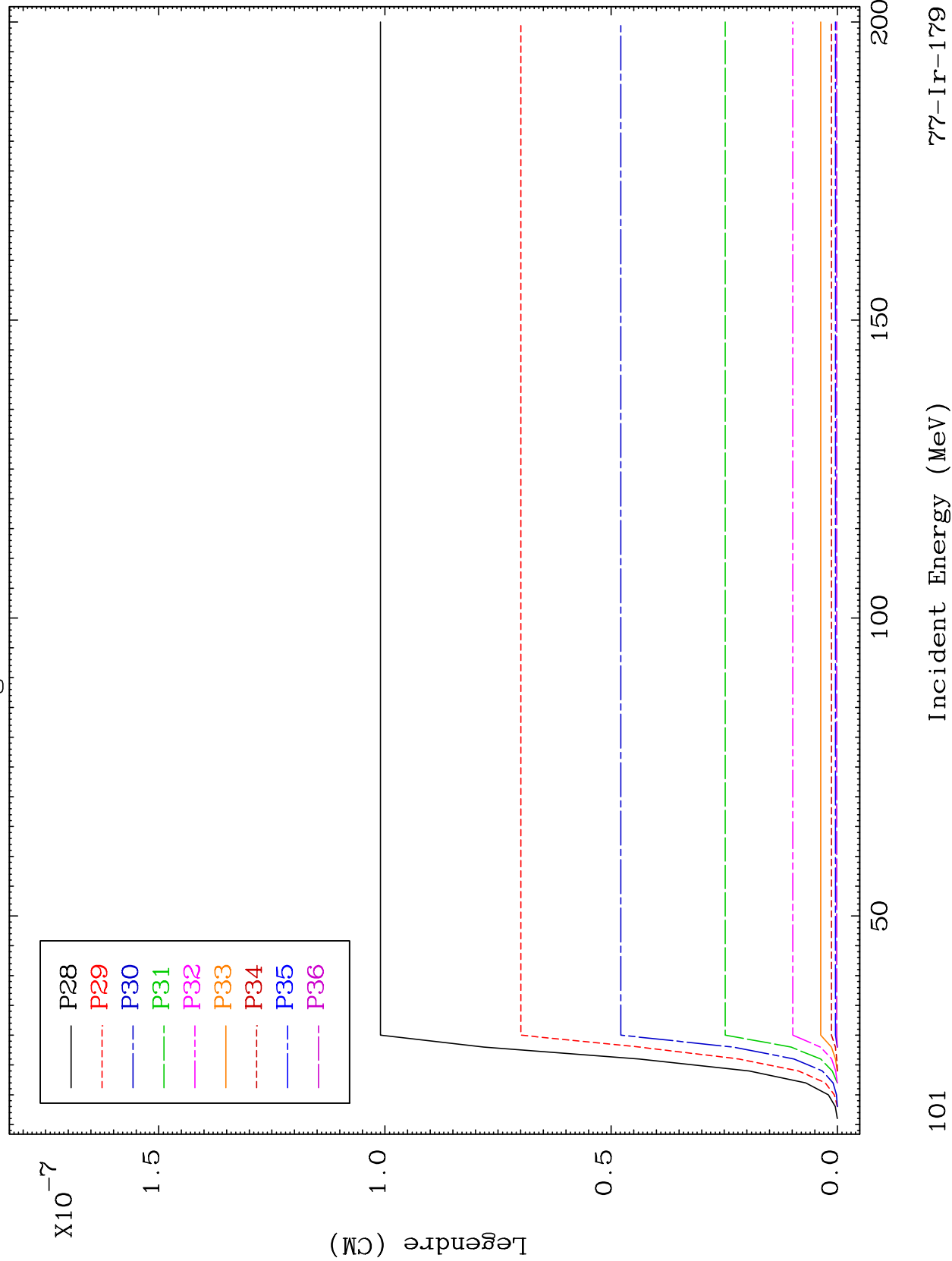
Incident Energy (MeV)

⁷⁷Ir-179

MAT 7689

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

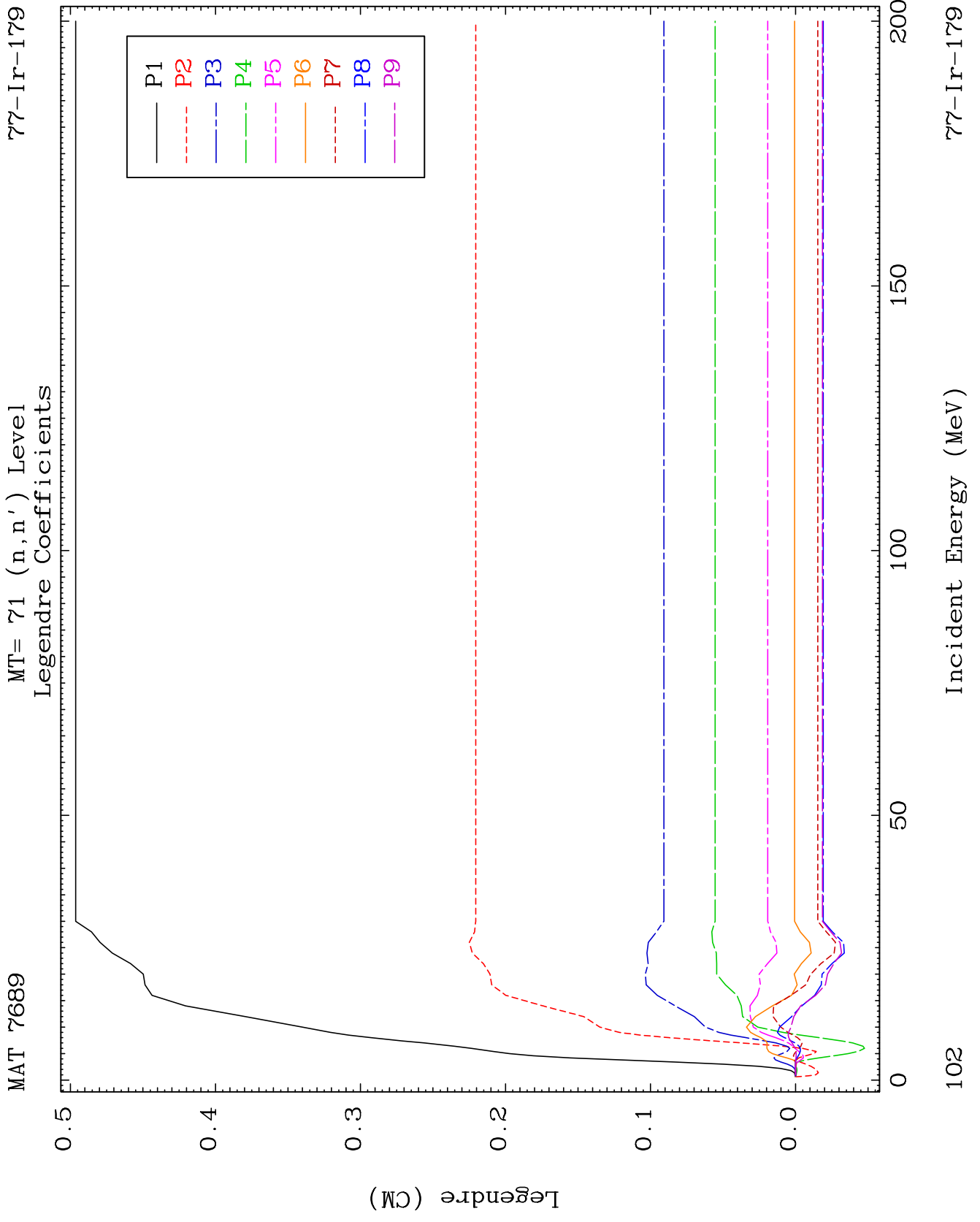
77-Ir-179



101

Incident Energy (MeV)

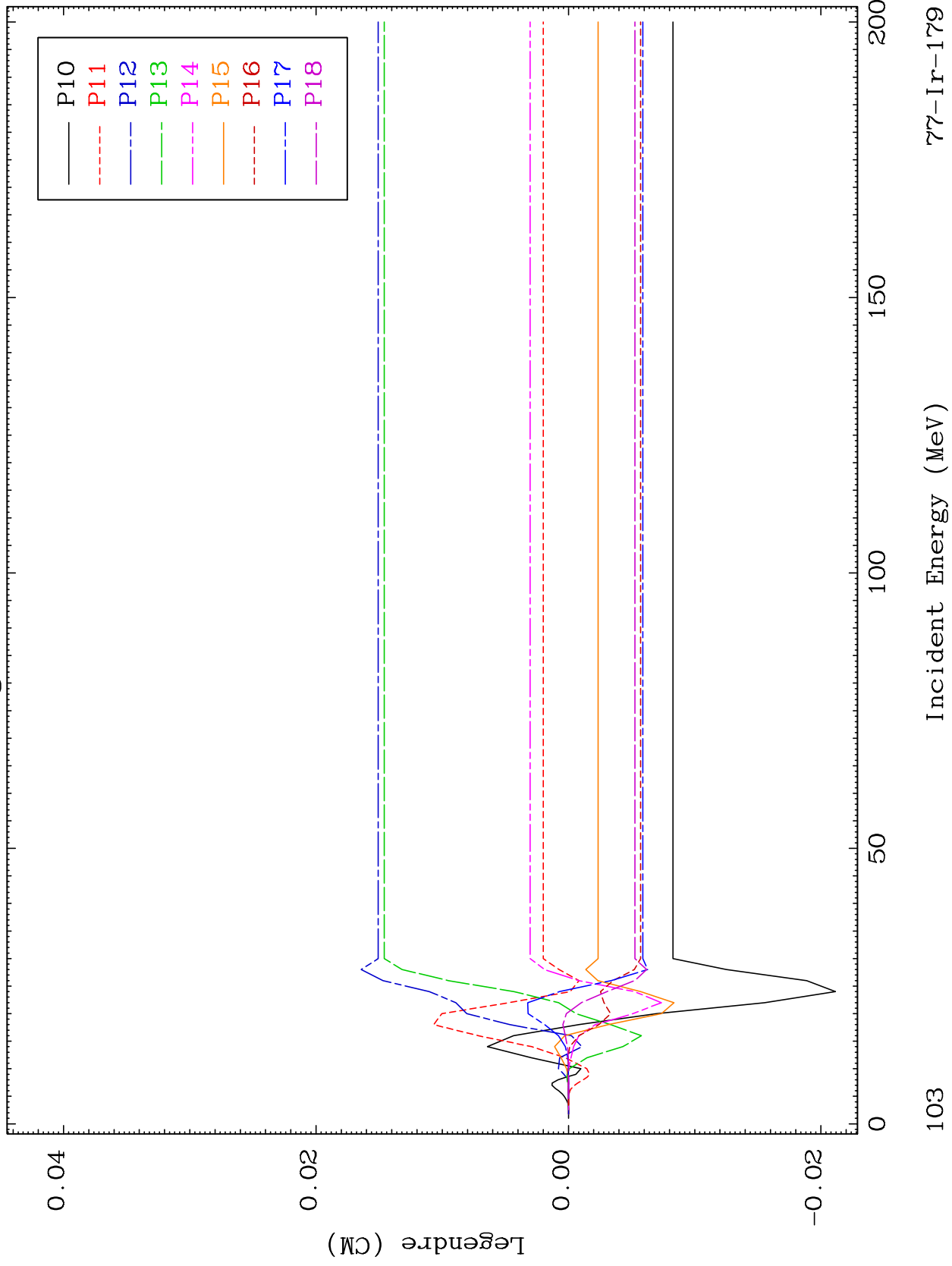
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

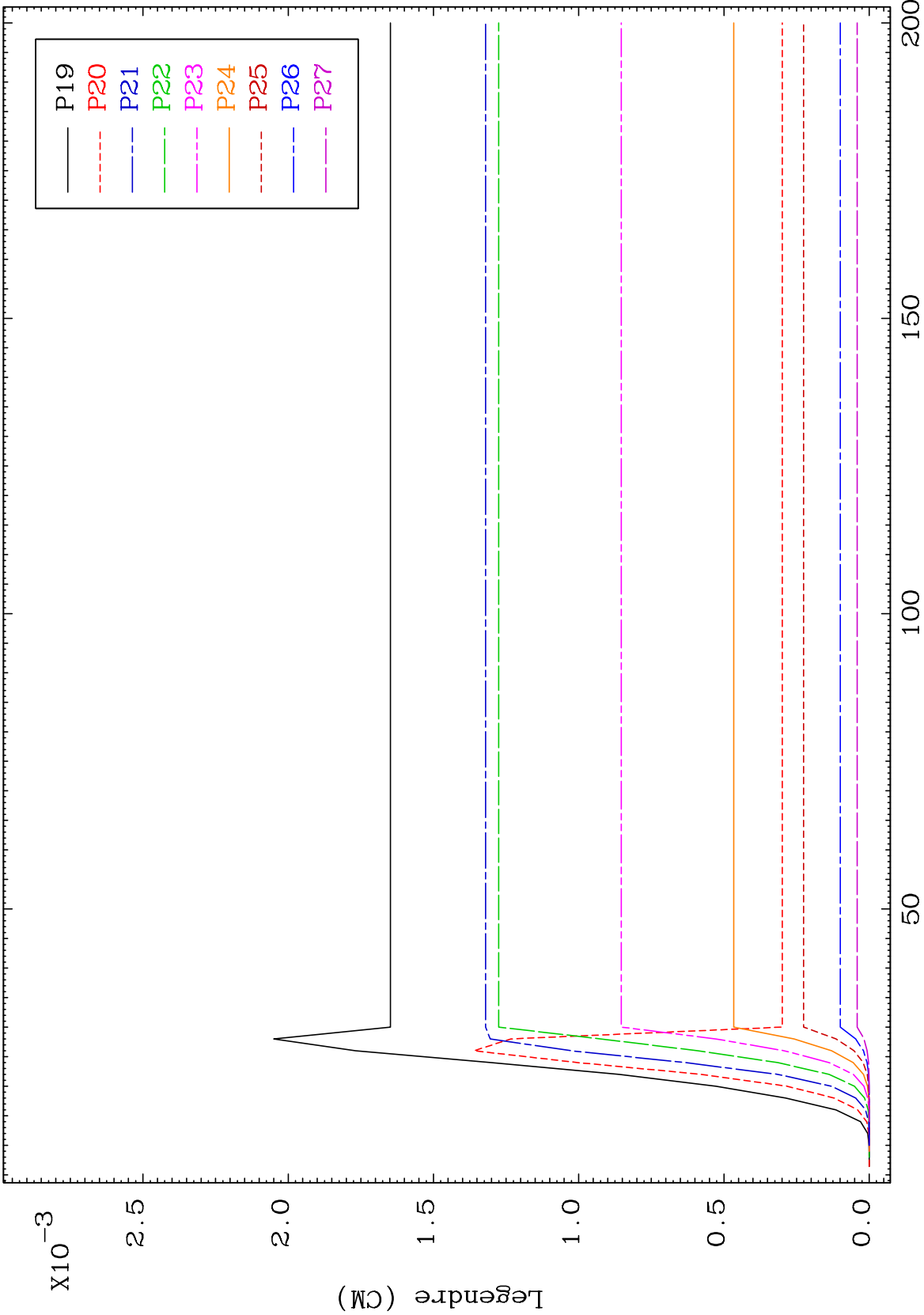
Incident Energy (MeV)

103

MAT 7689

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

77-Ir-179



104

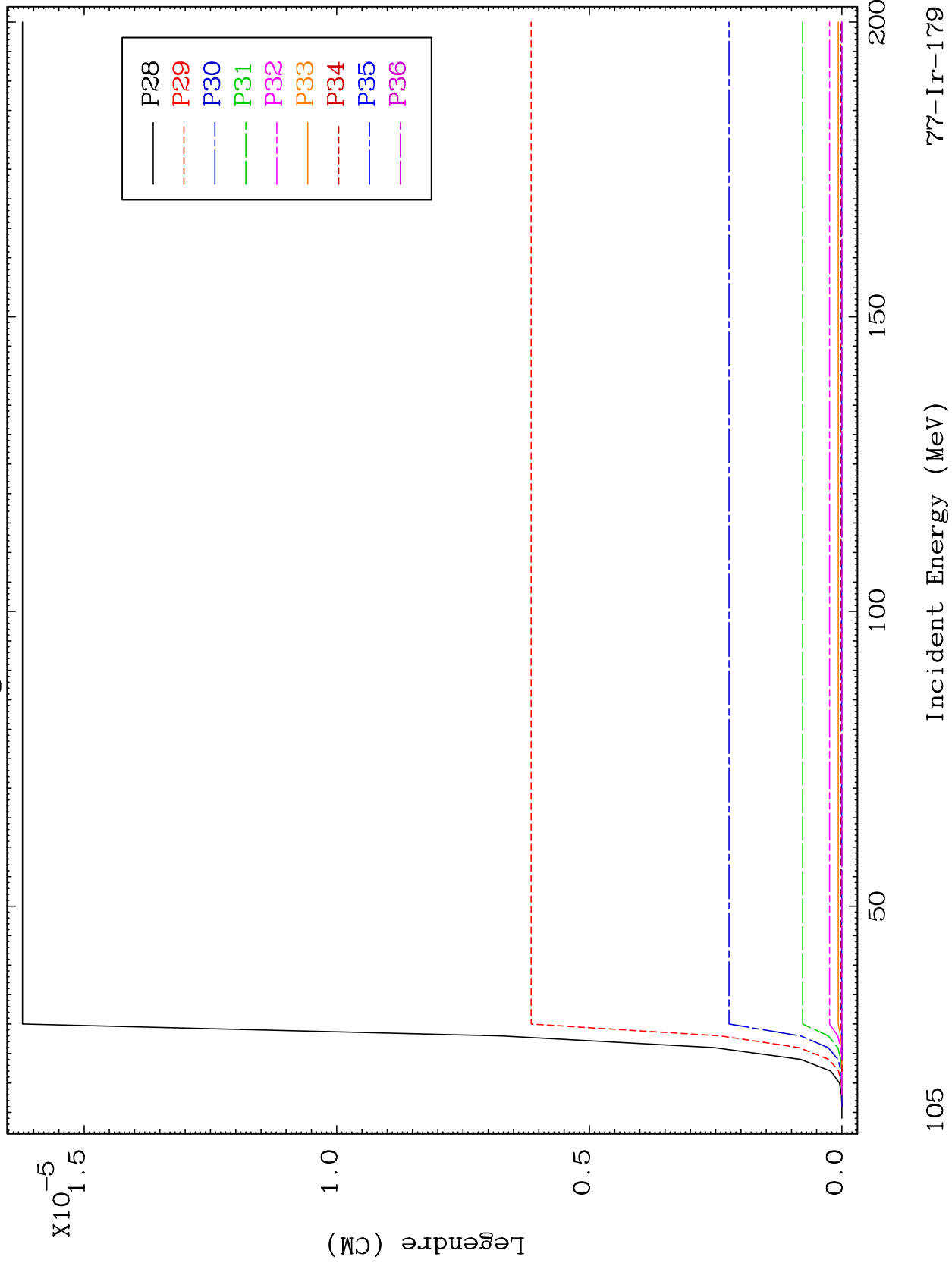
Incident Energy (MeV)

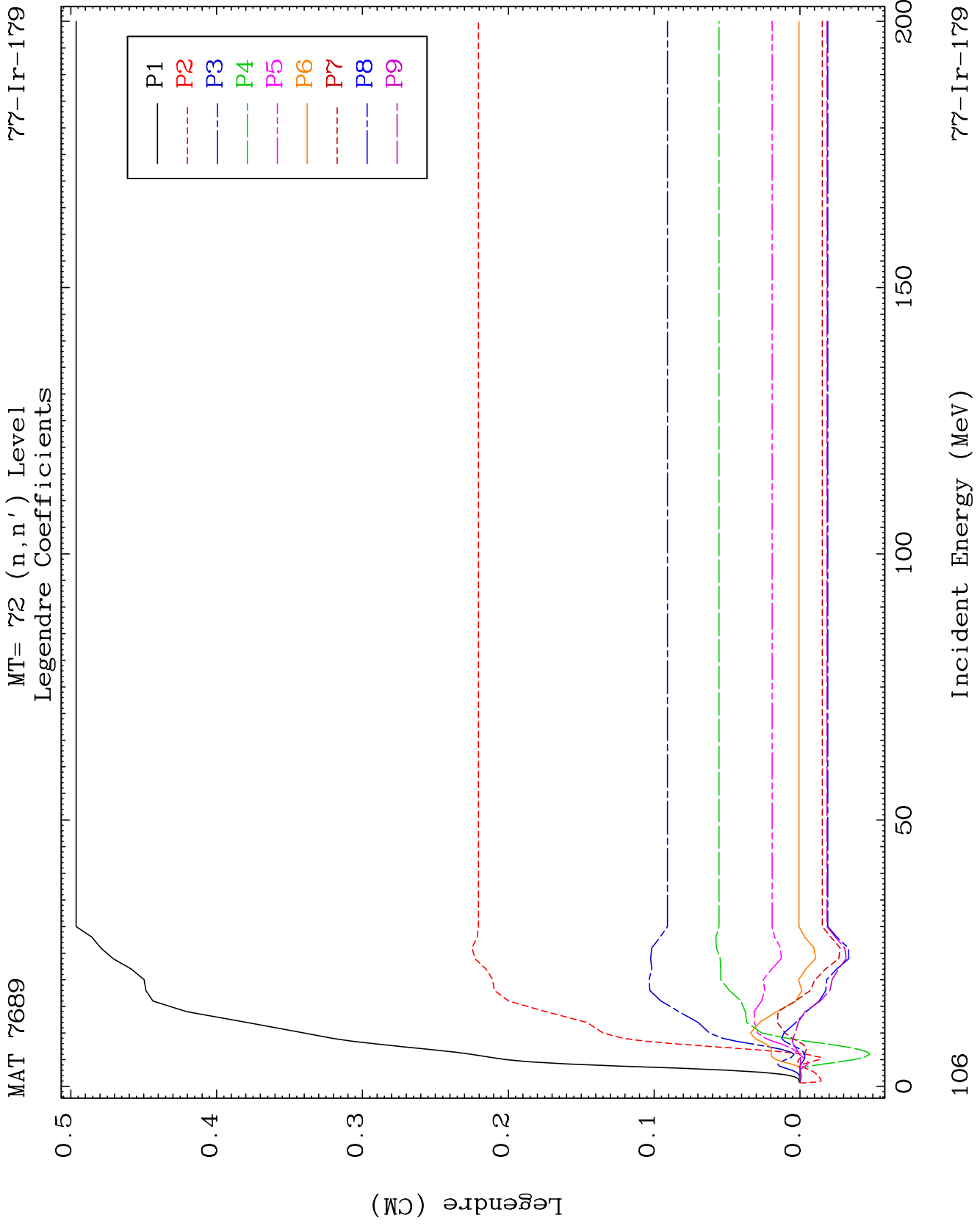
77-Ir-179

MAT 7689

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

77-Ir-179

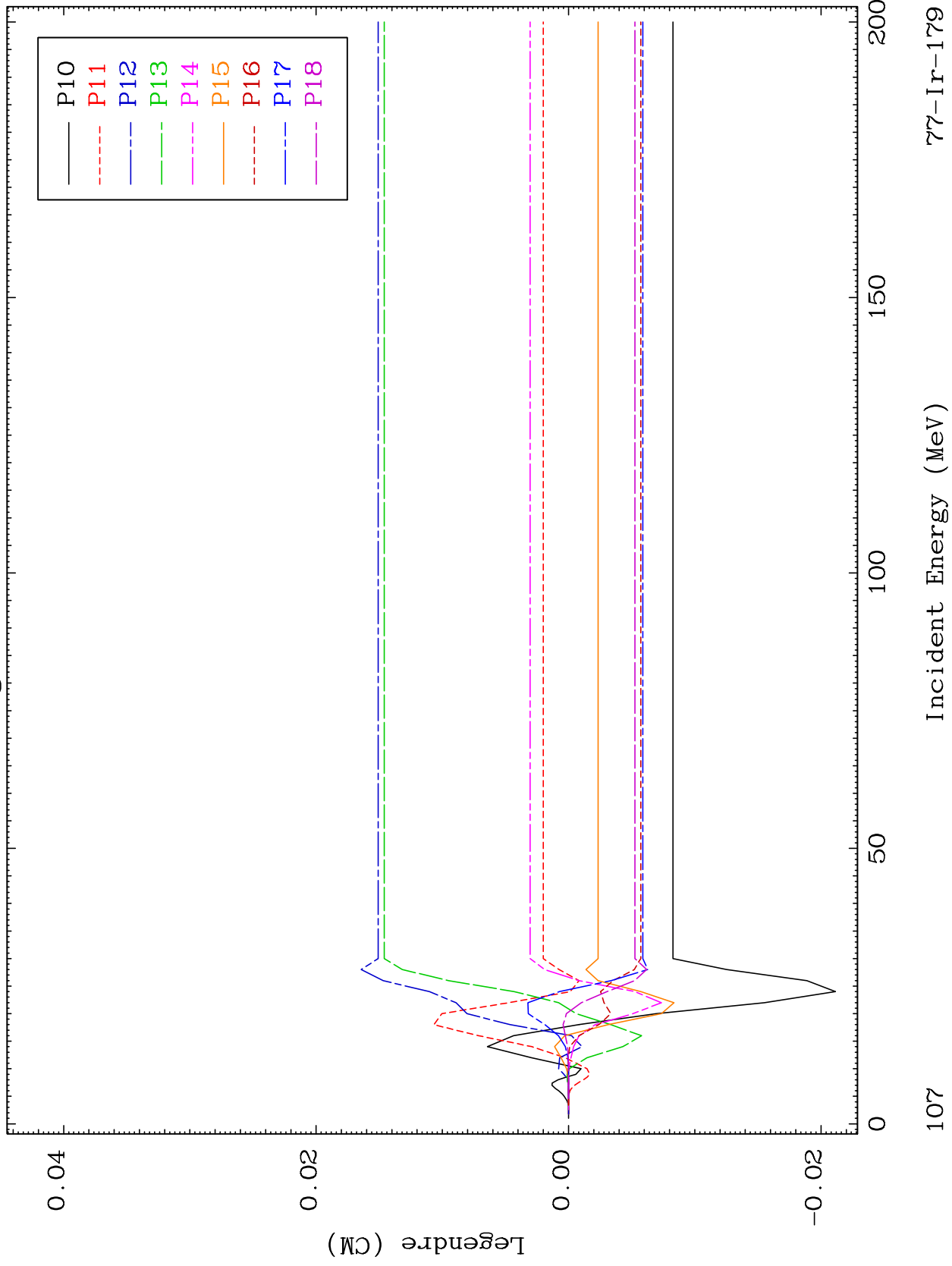




MAT 7689

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

77-Ir-179



77-Ir-179

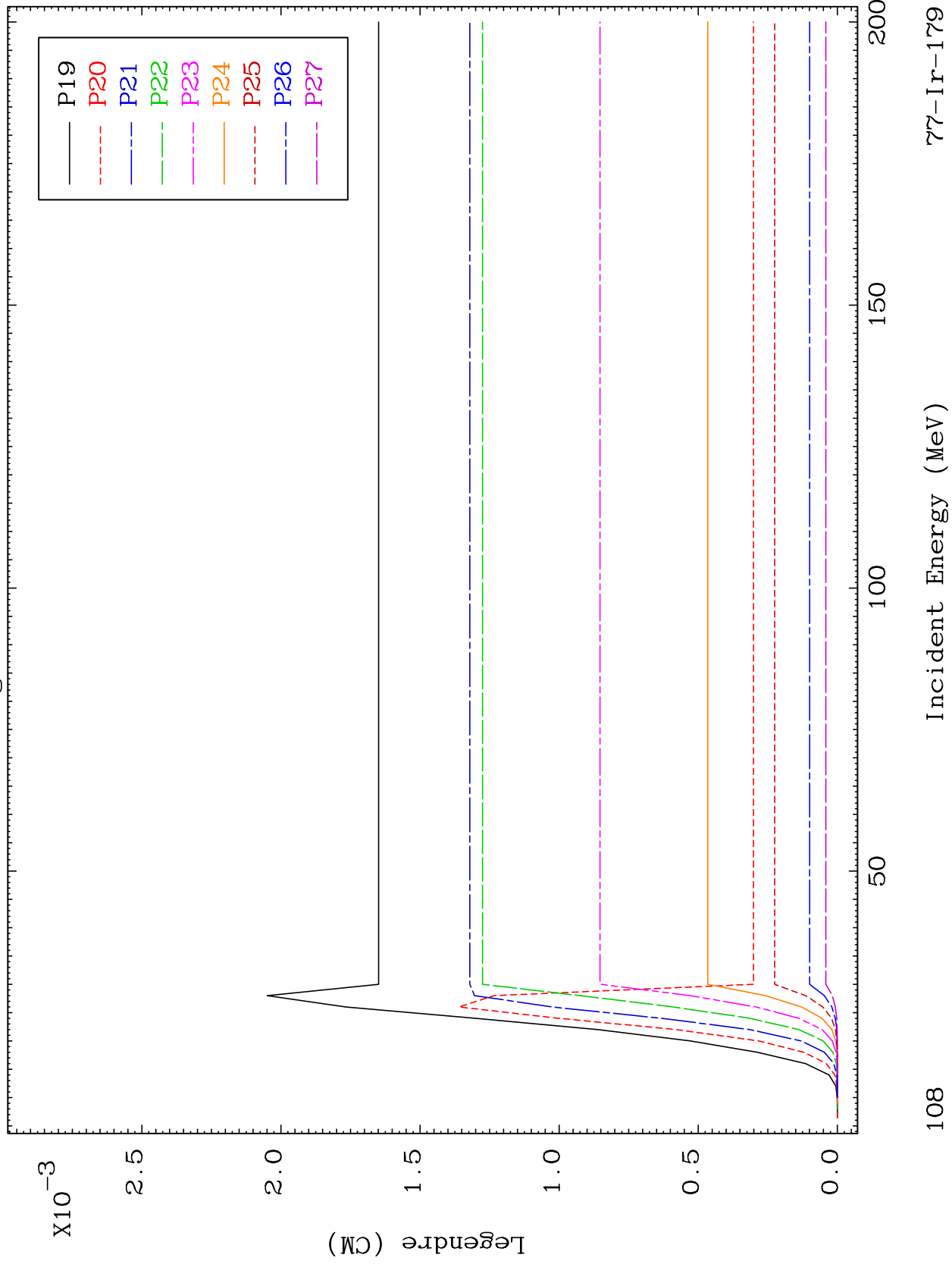
Incident Energy (MeV)

107

MAT 7689

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

77-Ir-179



108

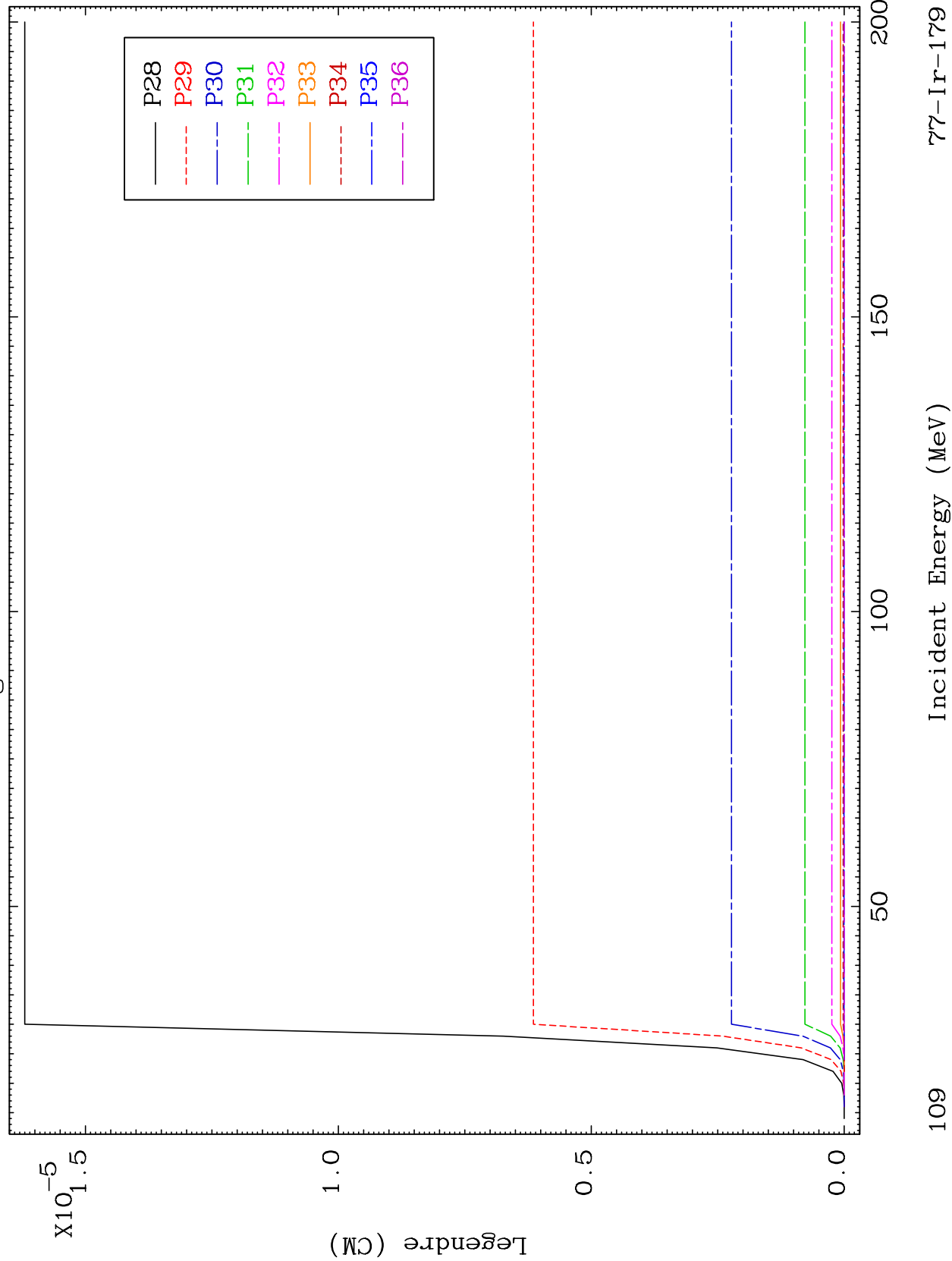
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

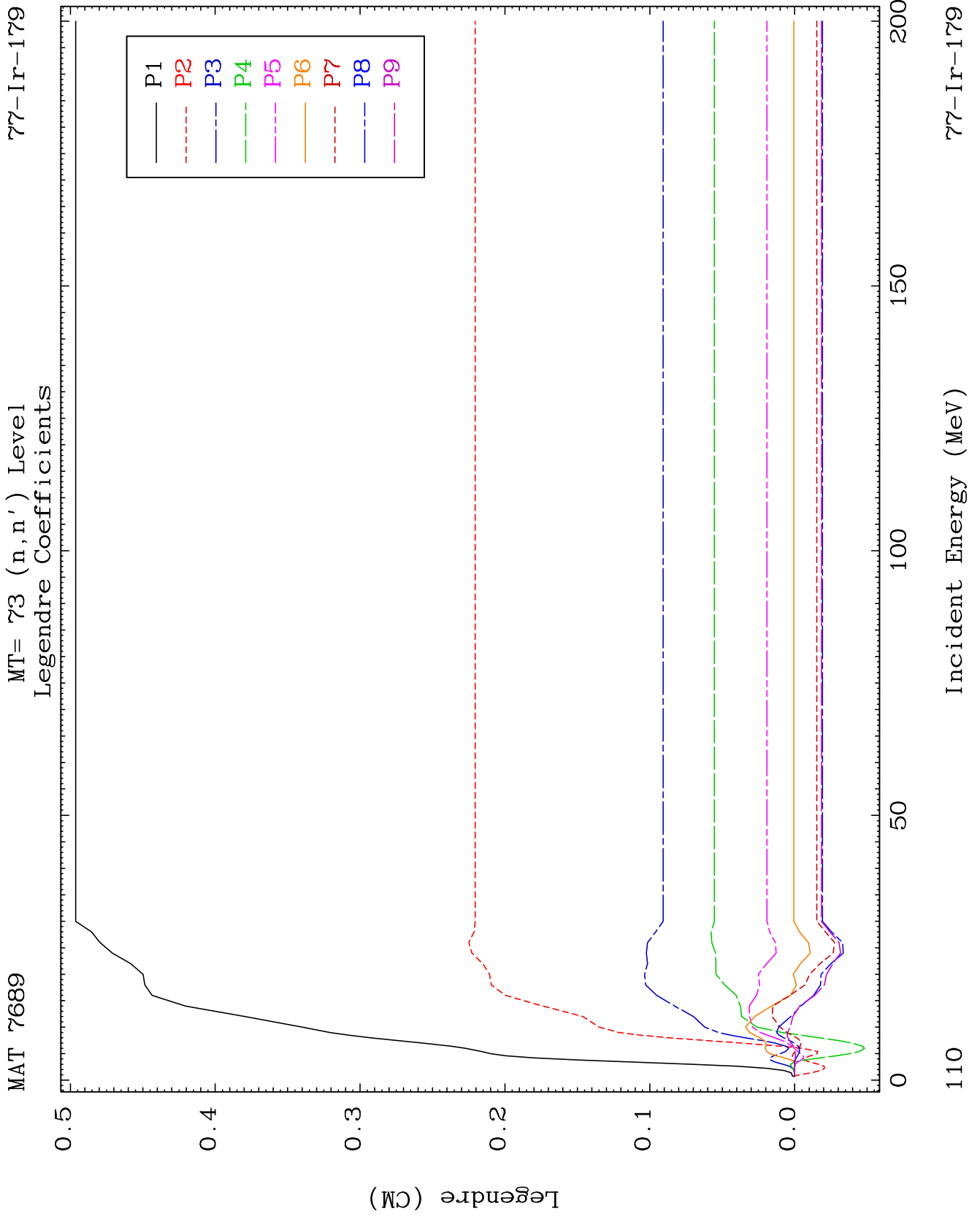
77-Ir-179



109

Incident Energy (MeV)

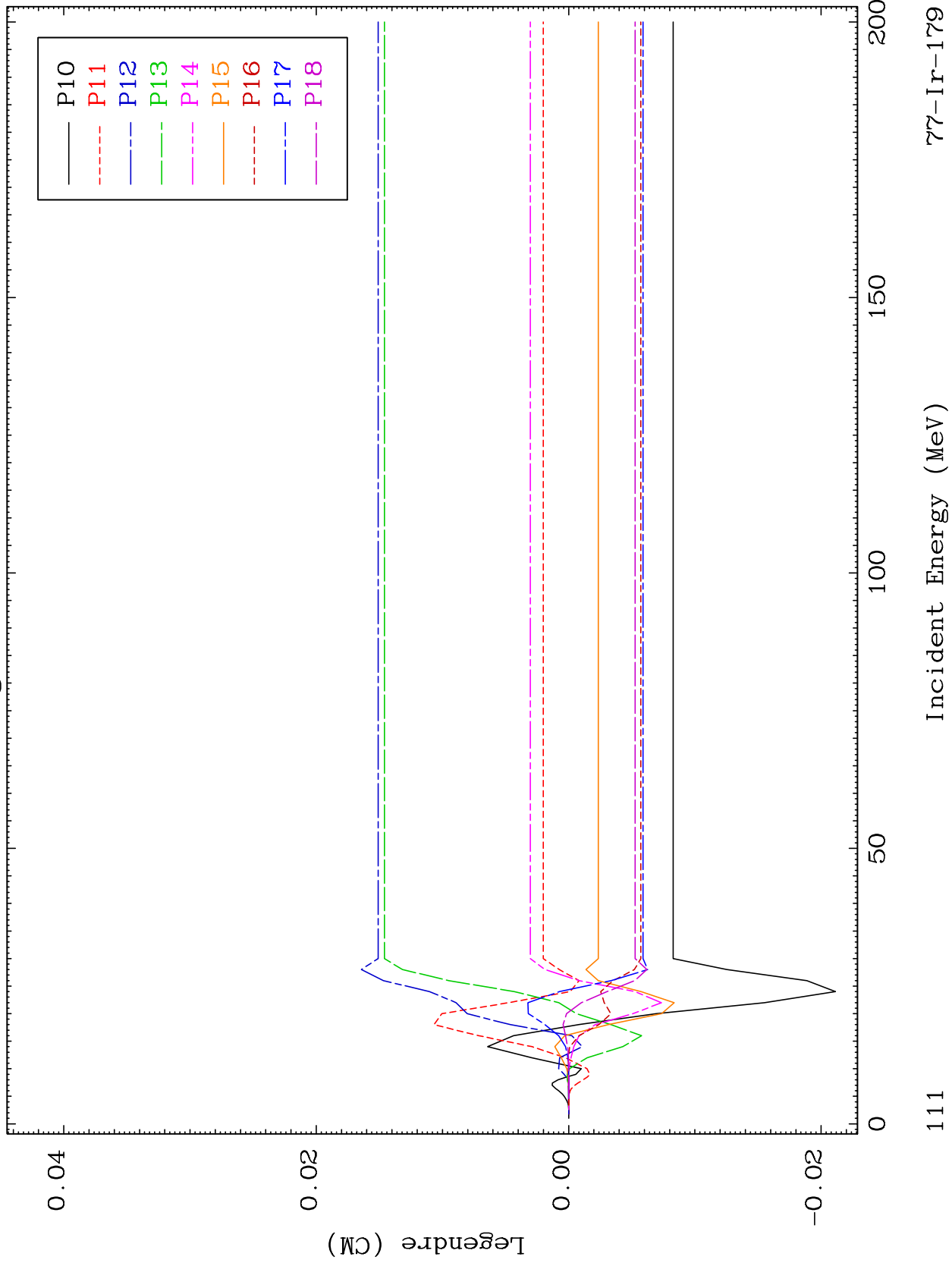
77-Ir-179



MAT 7689

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

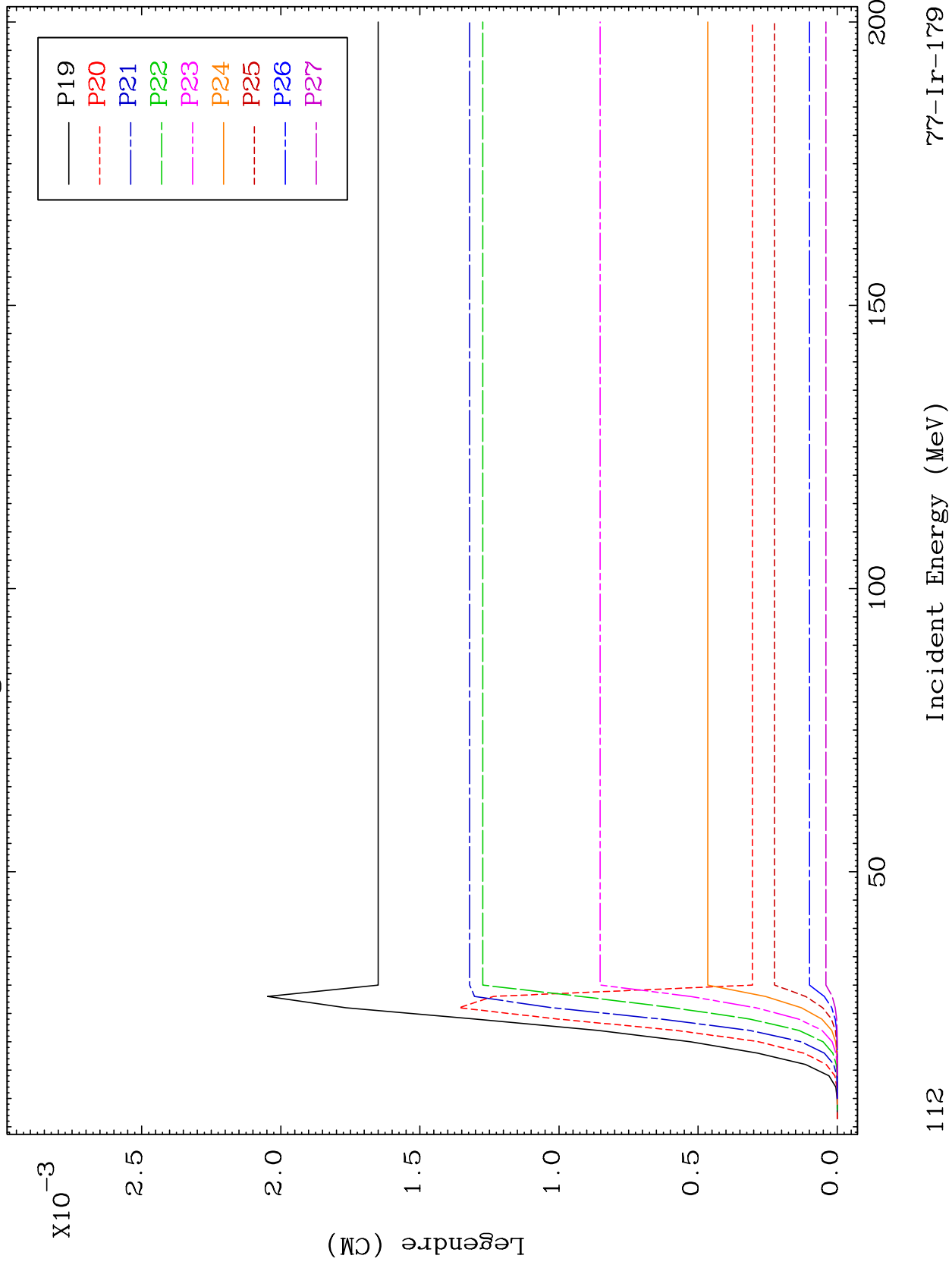
77-Ir-179



MAT 7689

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

77-Ir-179



112

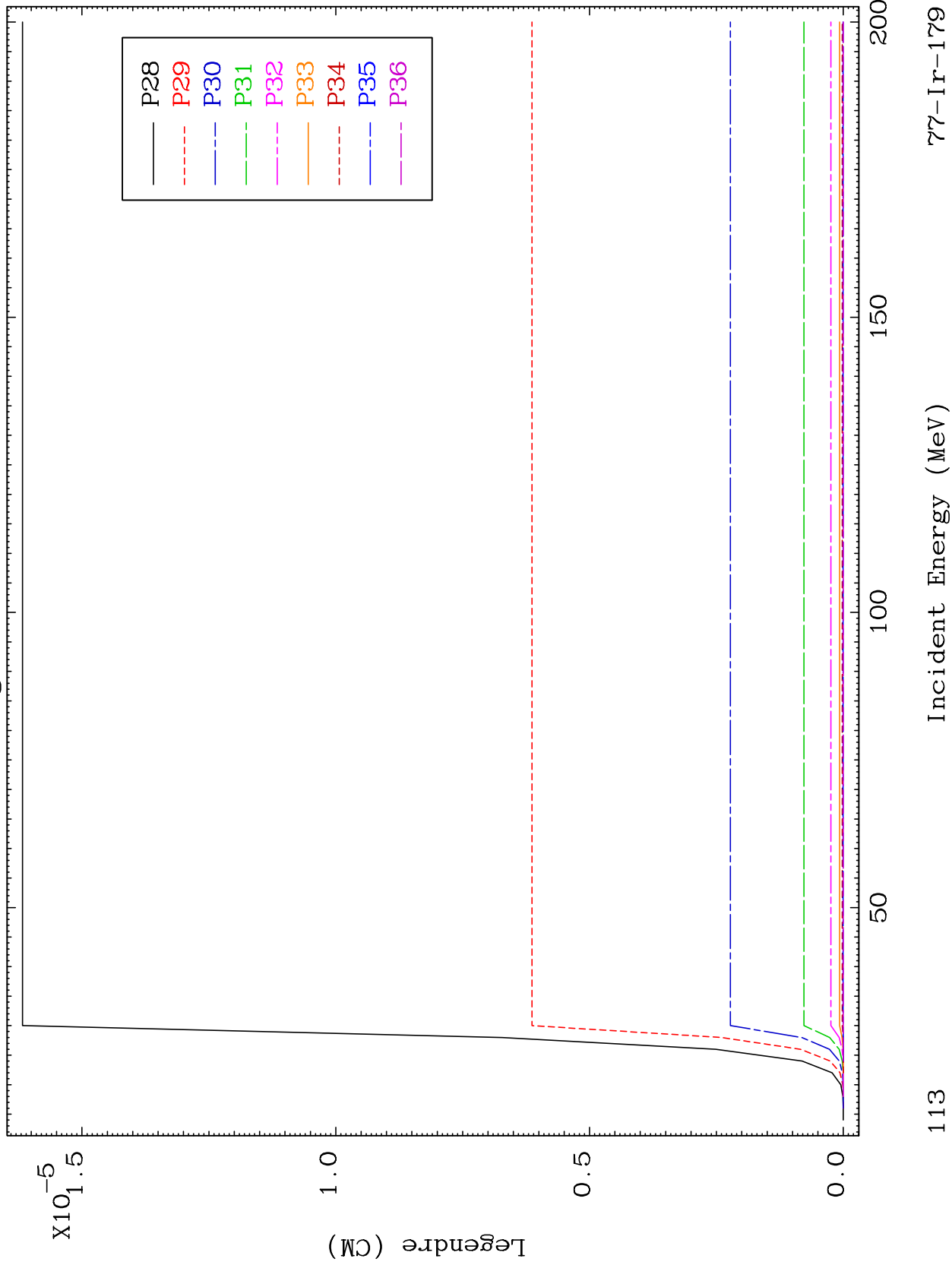
Incident Energy (MeV)

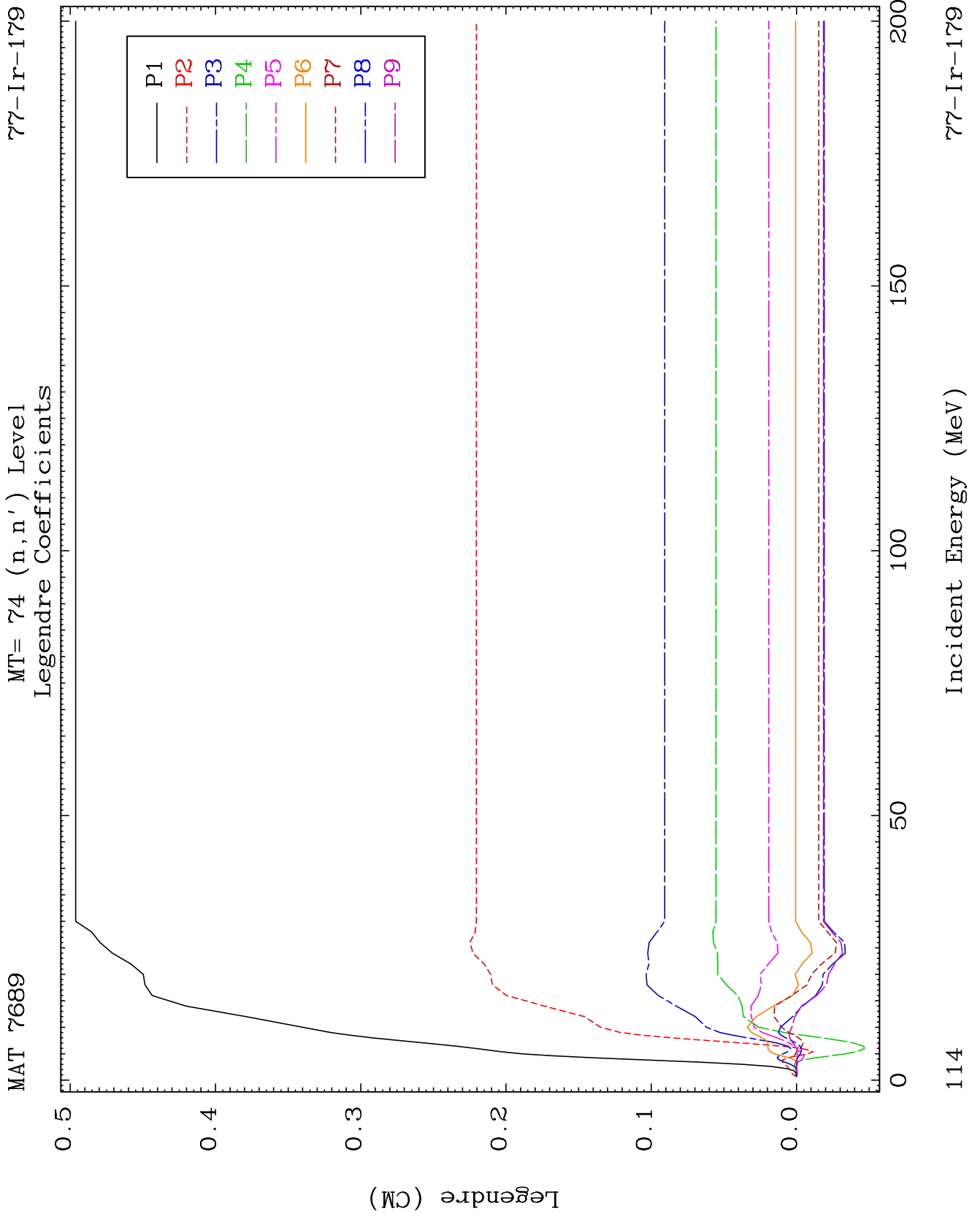
77-Ir-179

MAT 7689

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

77-Ir-179

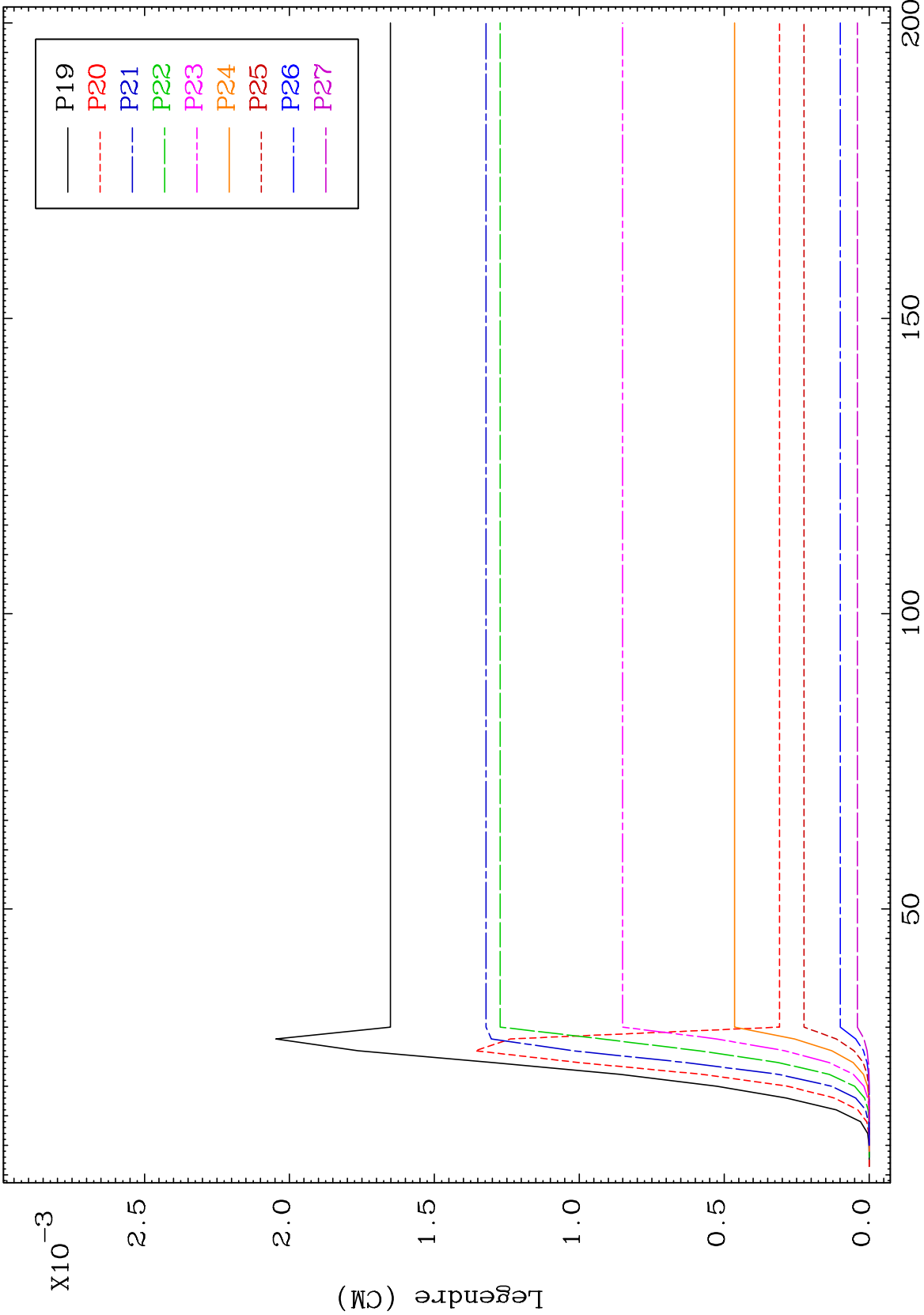




MAT 7689

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

77-Ir-179



116

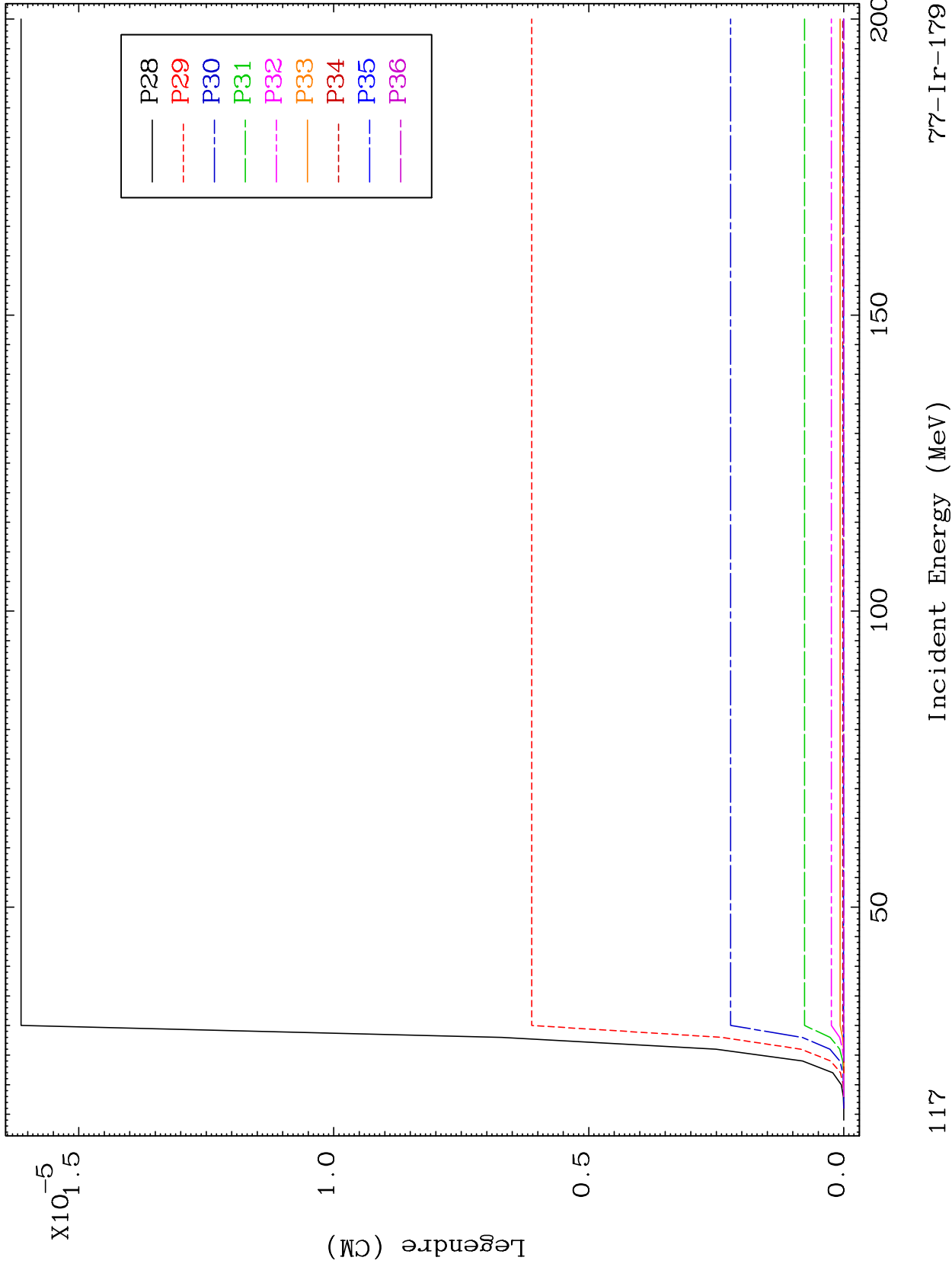
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179

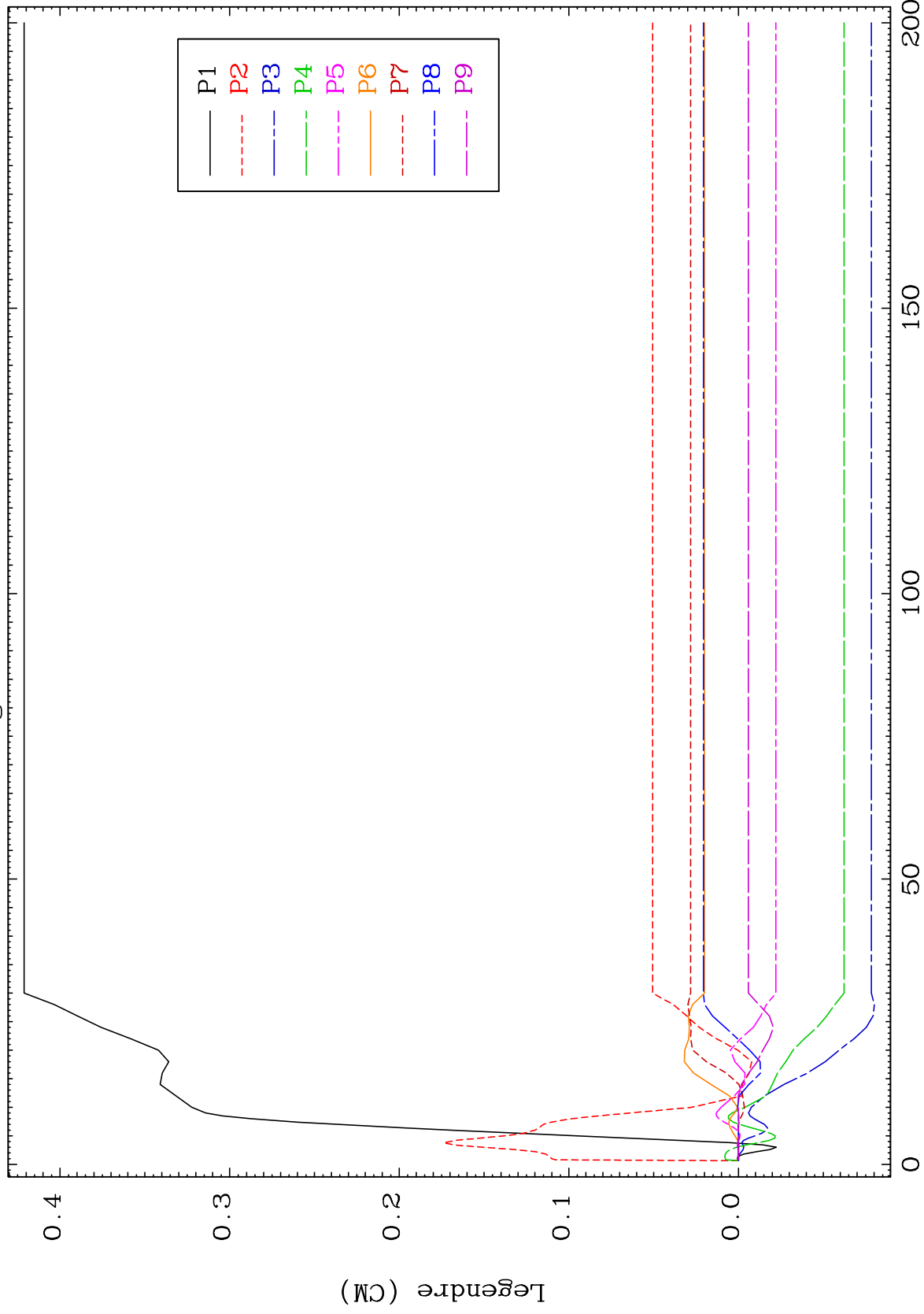


117

MAT 7689

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

77-Ir-179



118

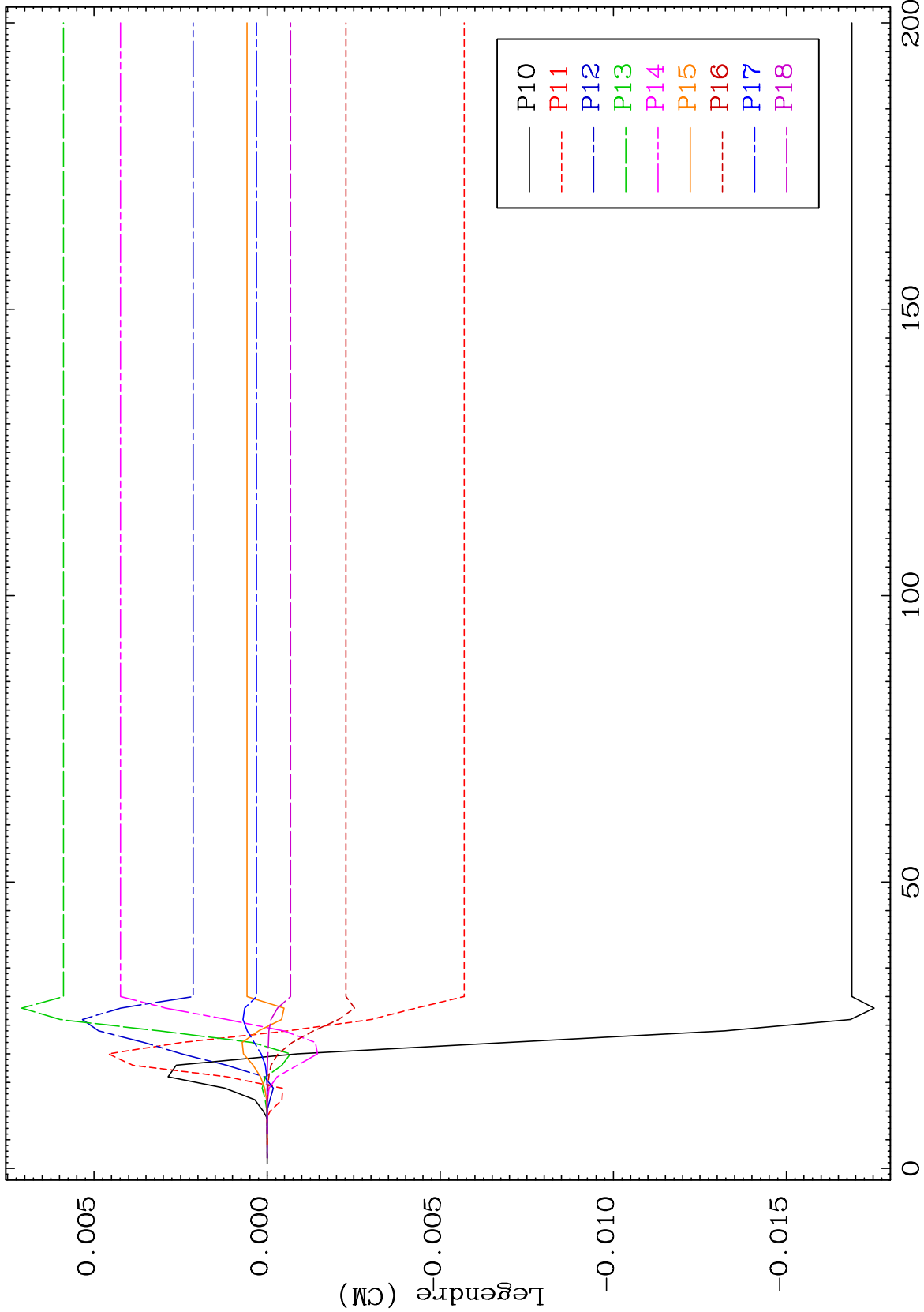
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



119

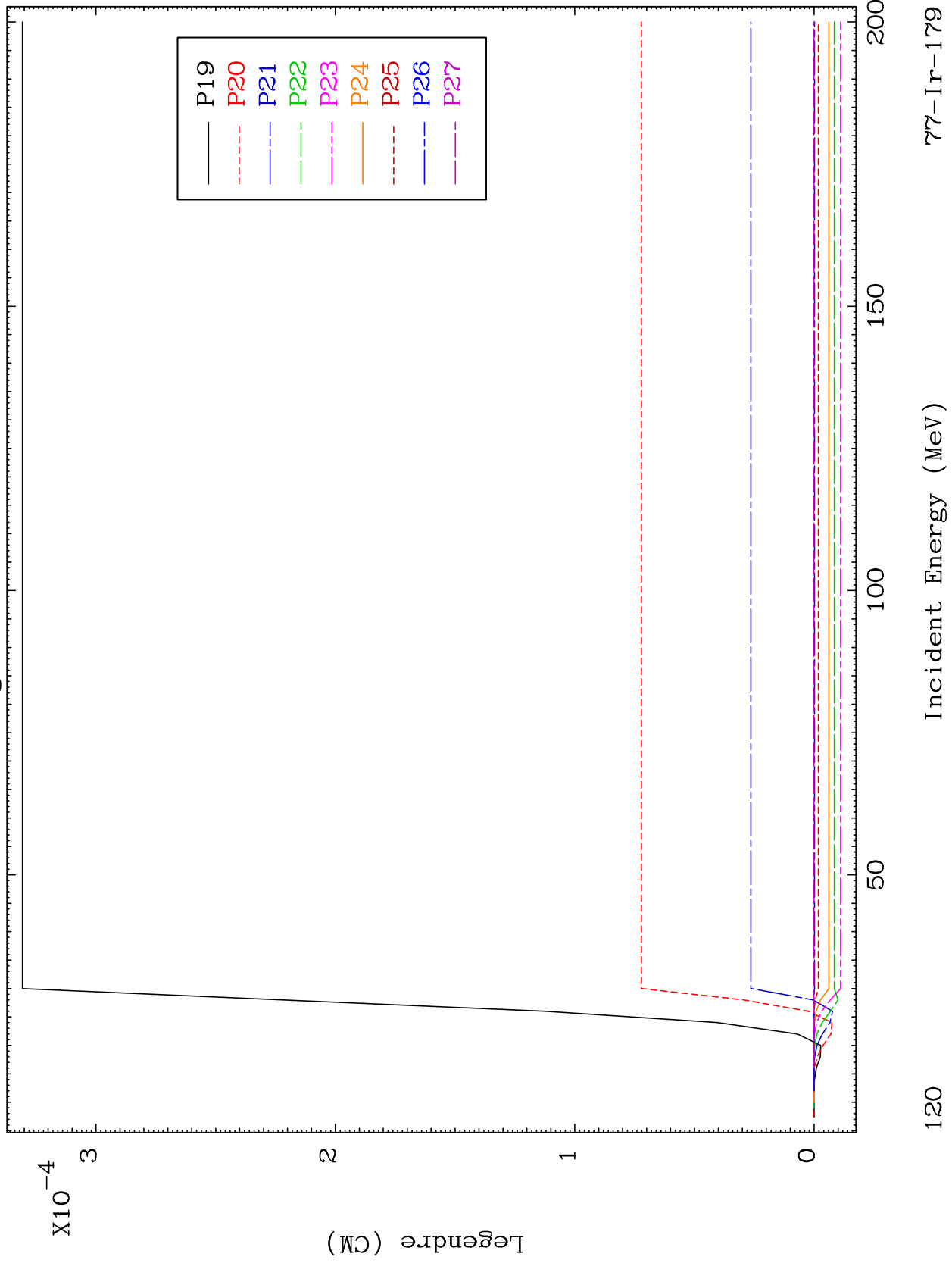
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

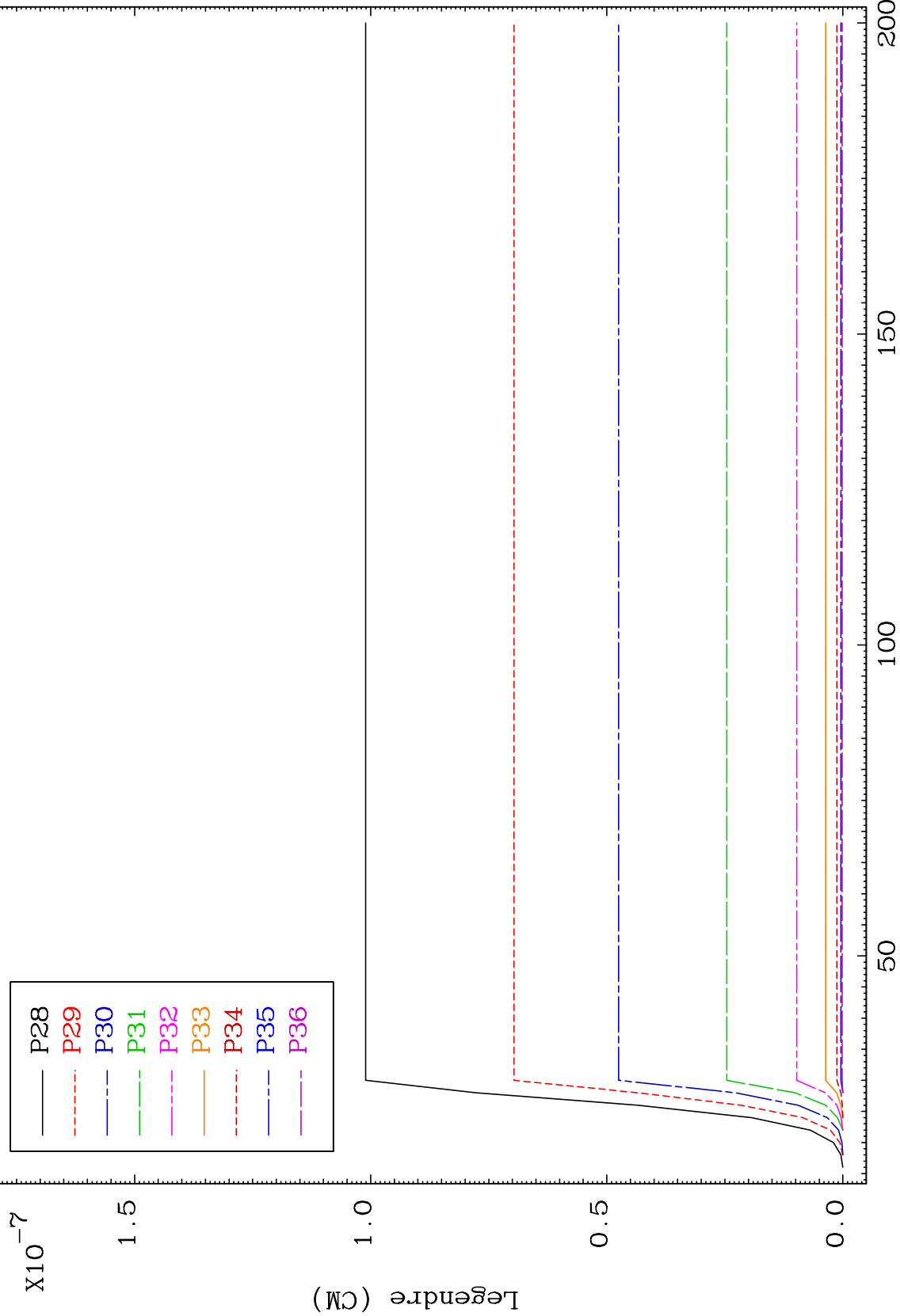
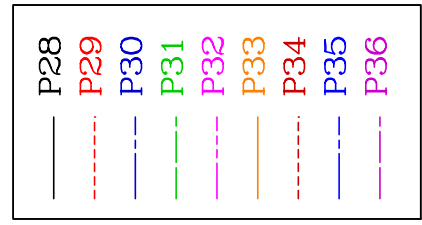
77-Ir-179



MAT 7689

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

77-Ir-179



121

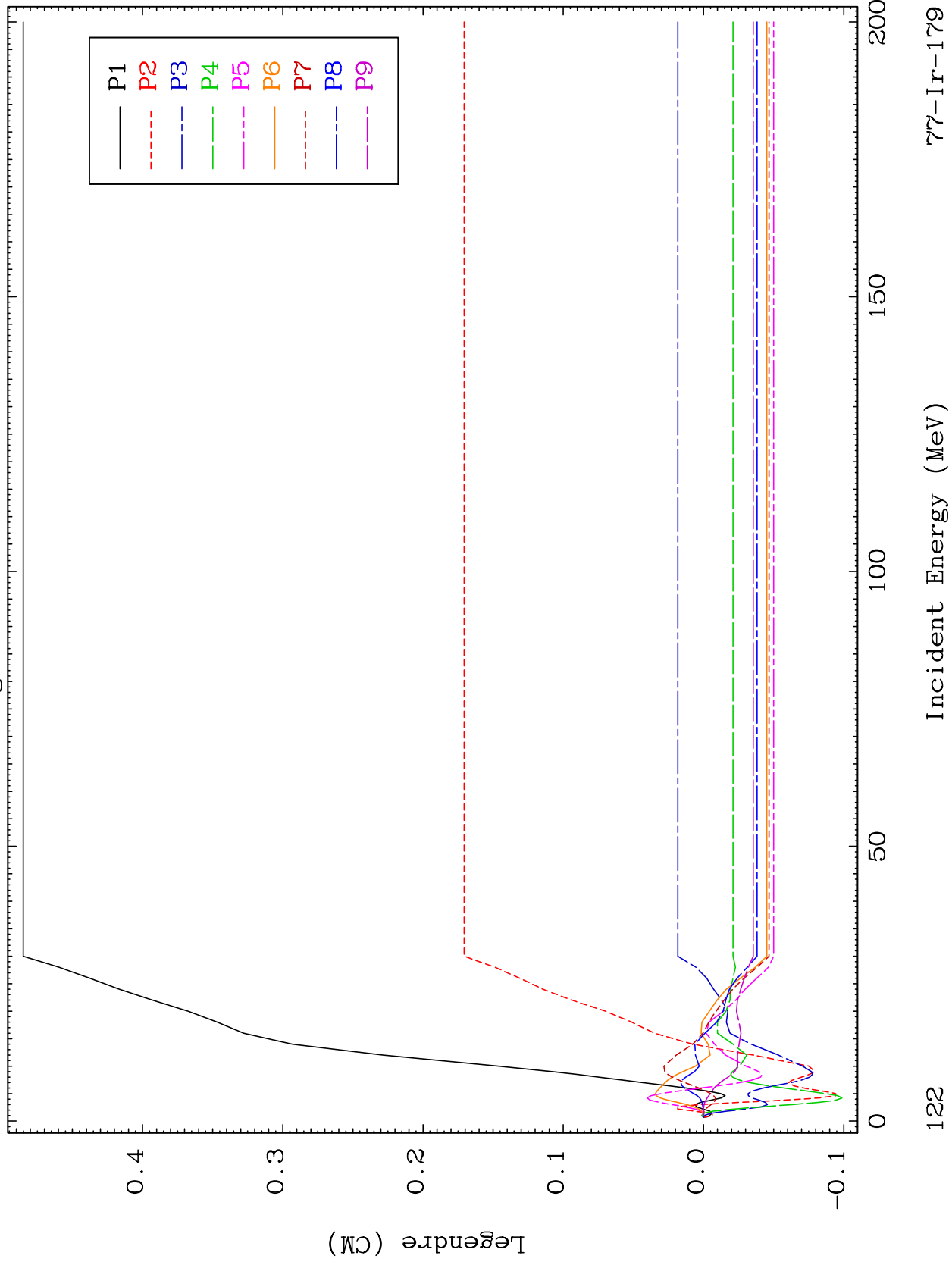
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

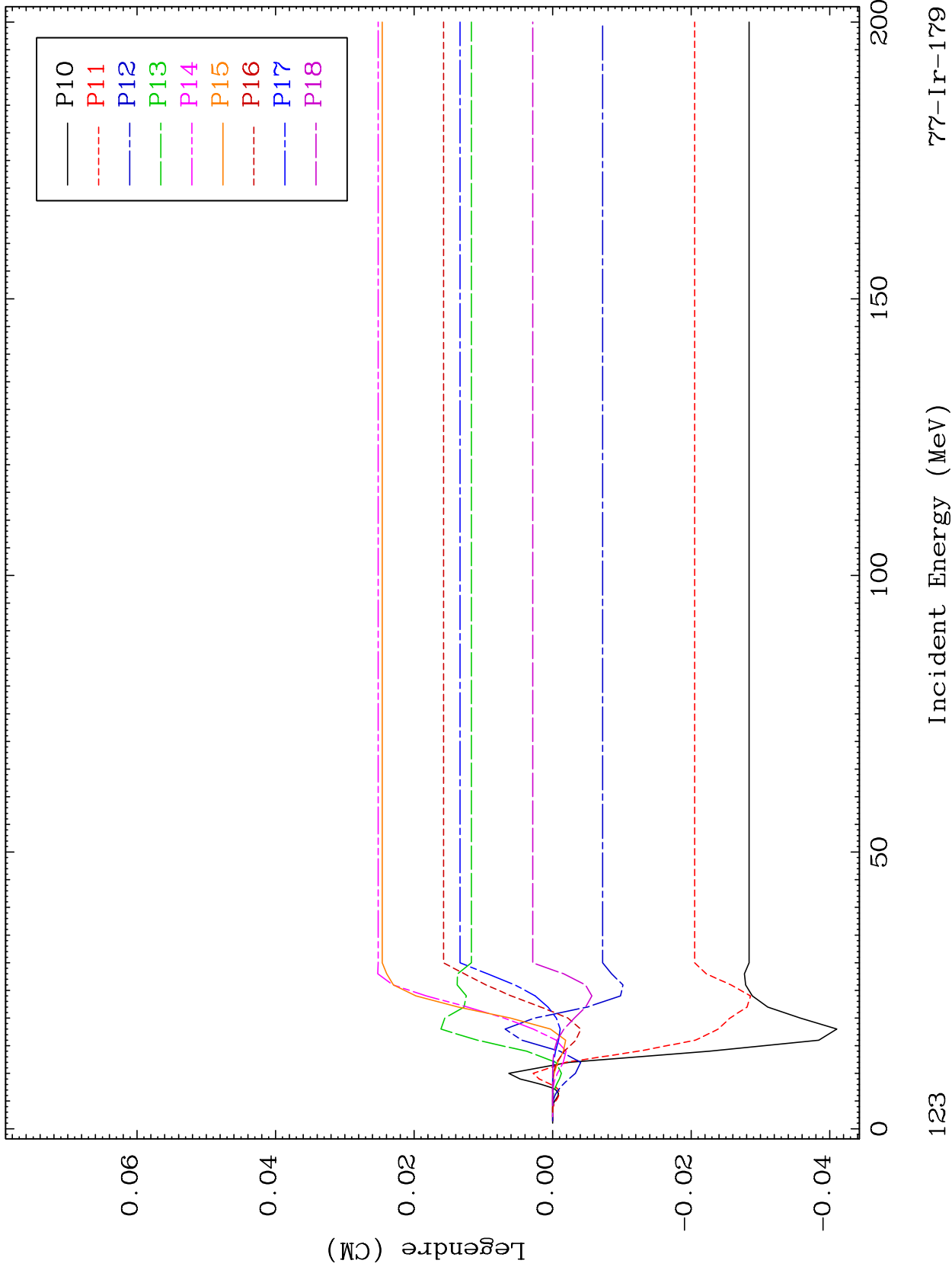
Incident Energy (MeV)

122

MAT 7689

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

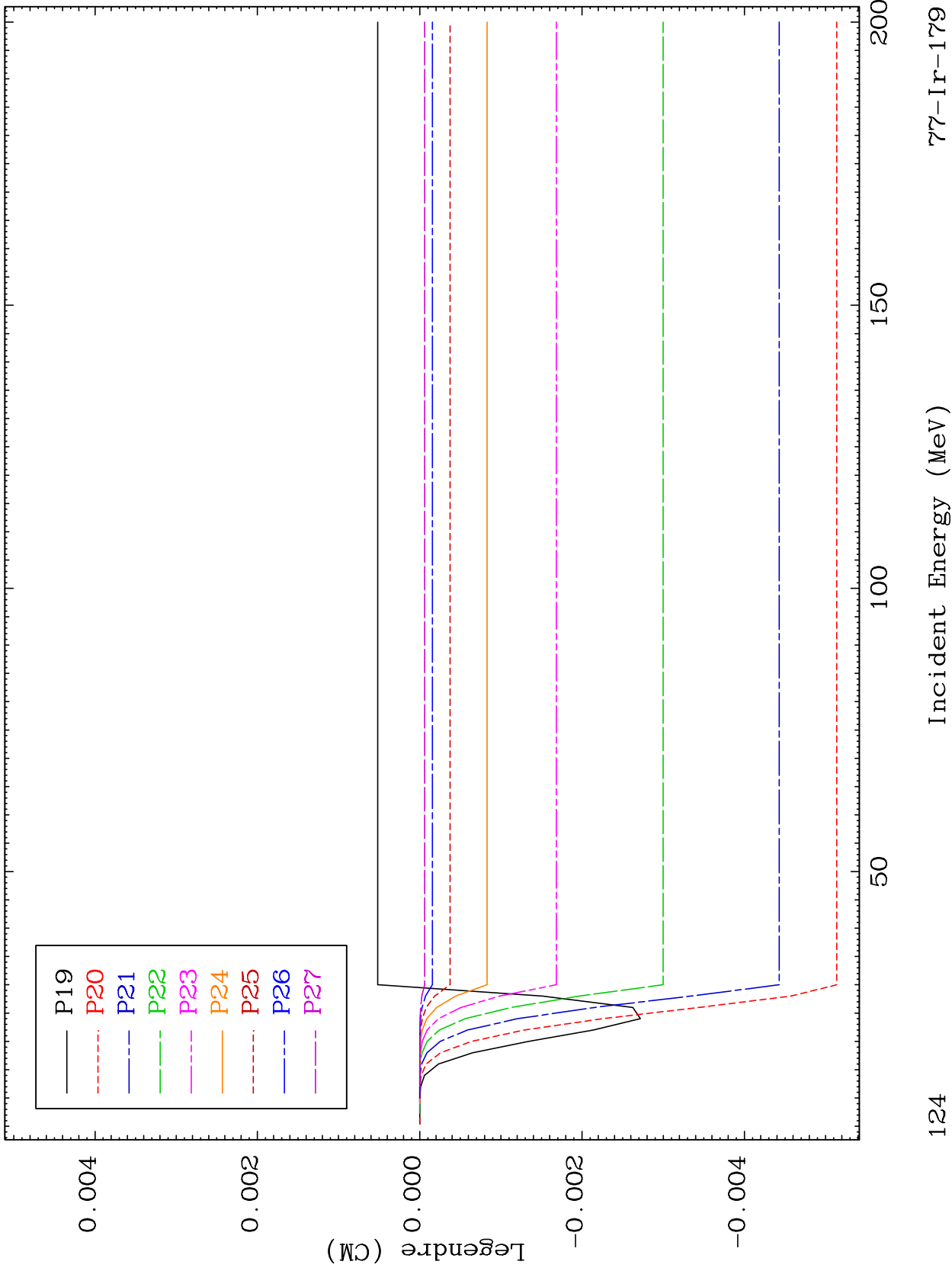
77-Ir-179

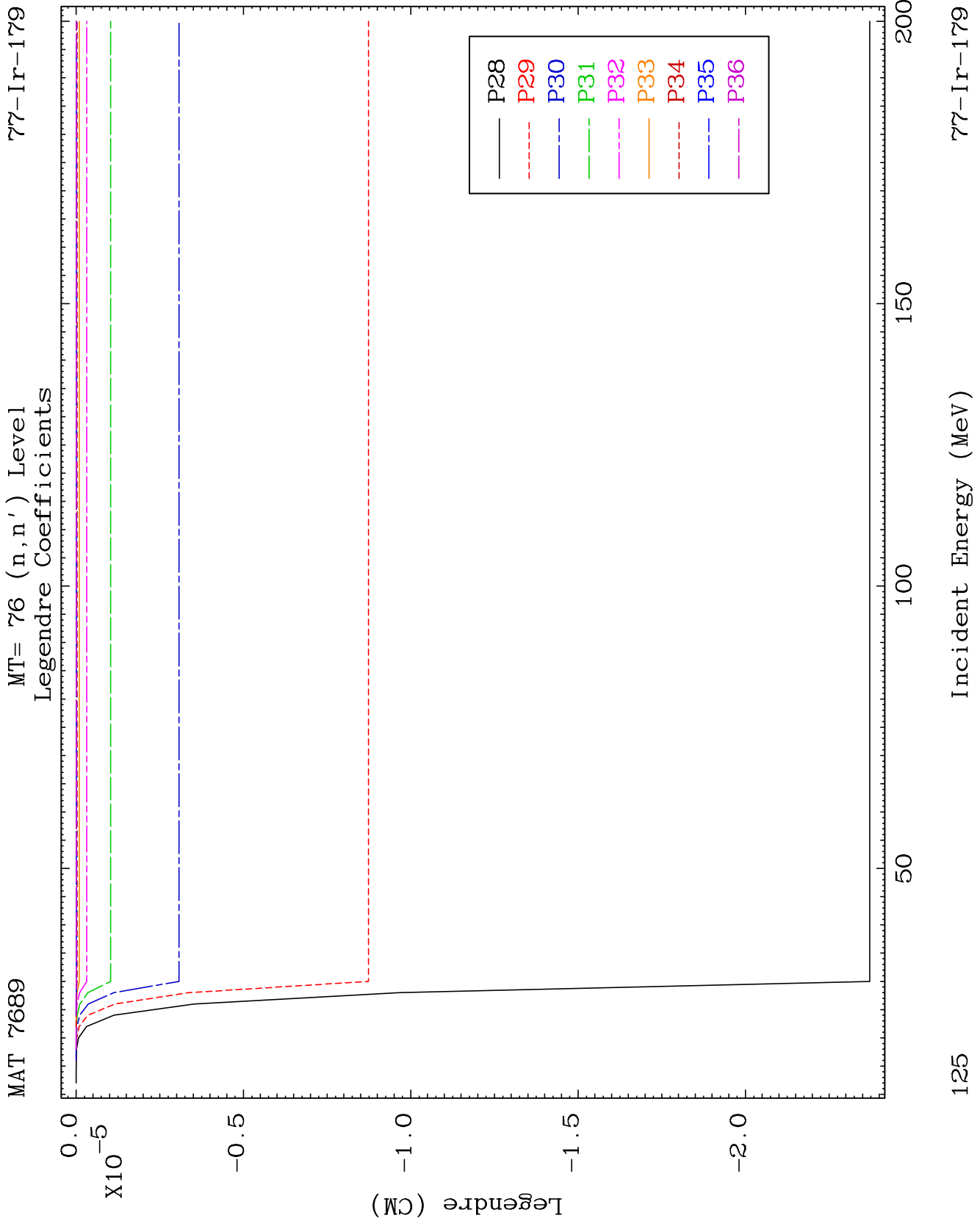


123

Incident Energy (MeV)

77-Ir-179

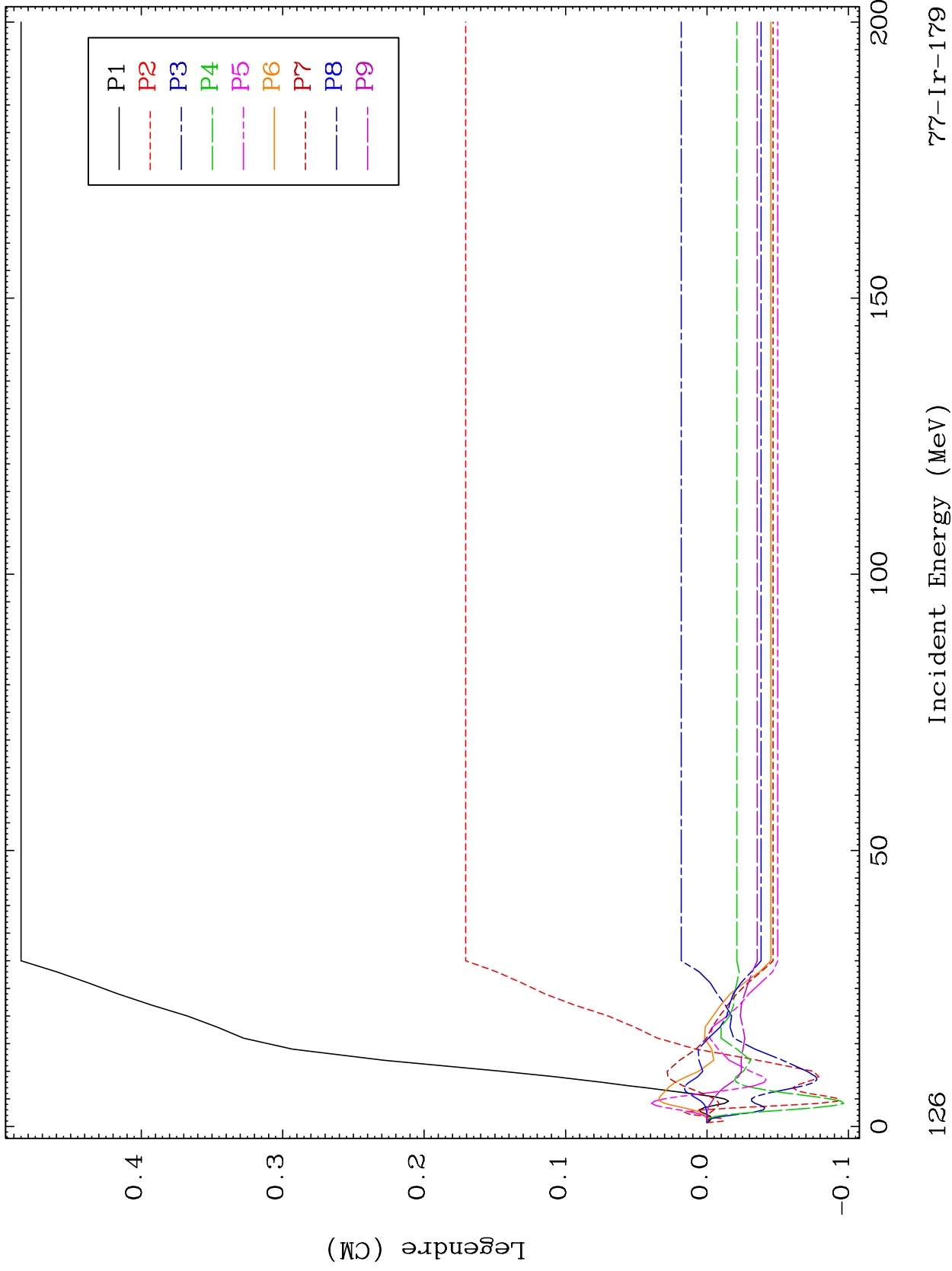




MAT 7689

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

77-Ir-179



77-Ir-179

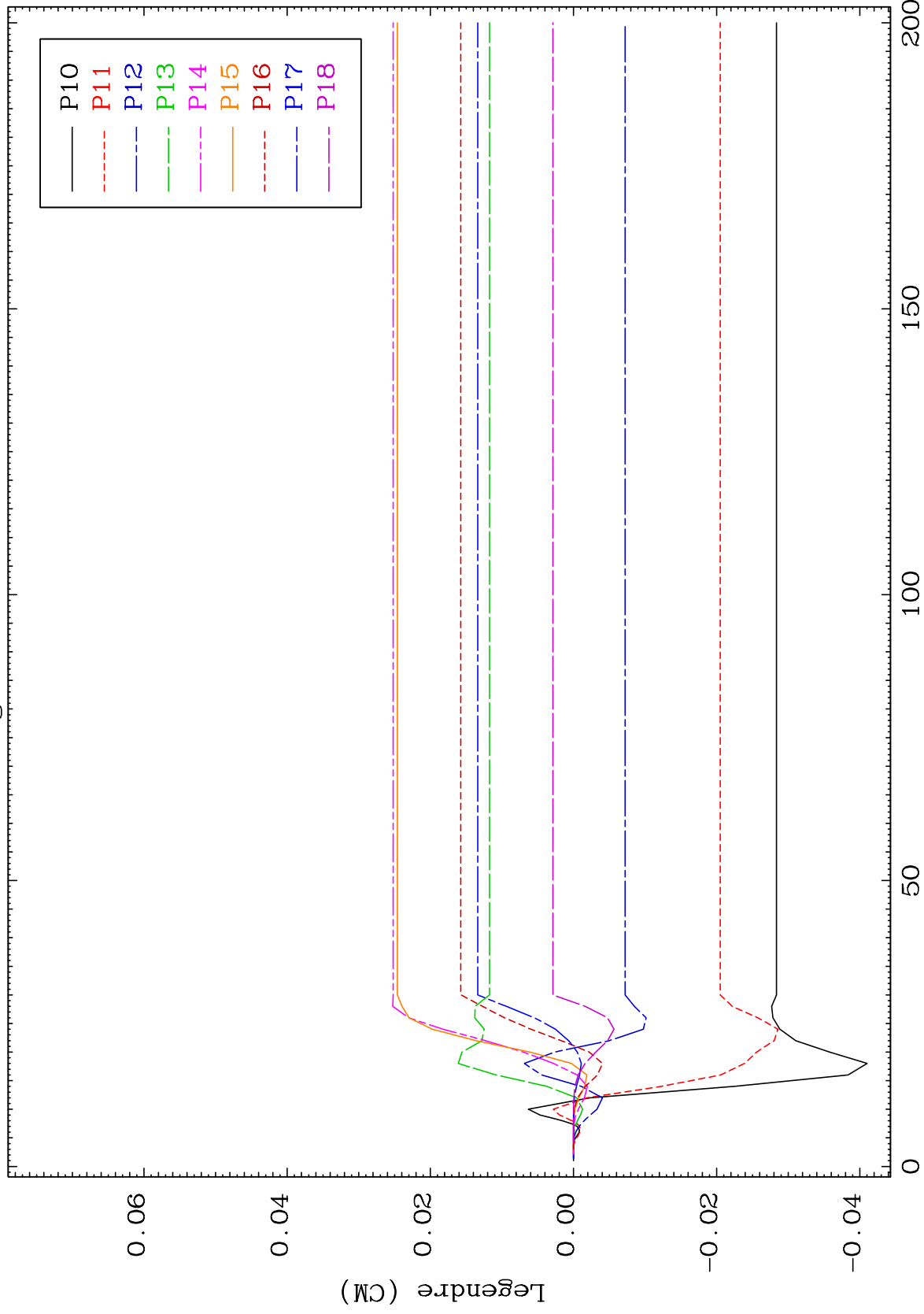
Incident Energy (MeV)

126

MAT 7689

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

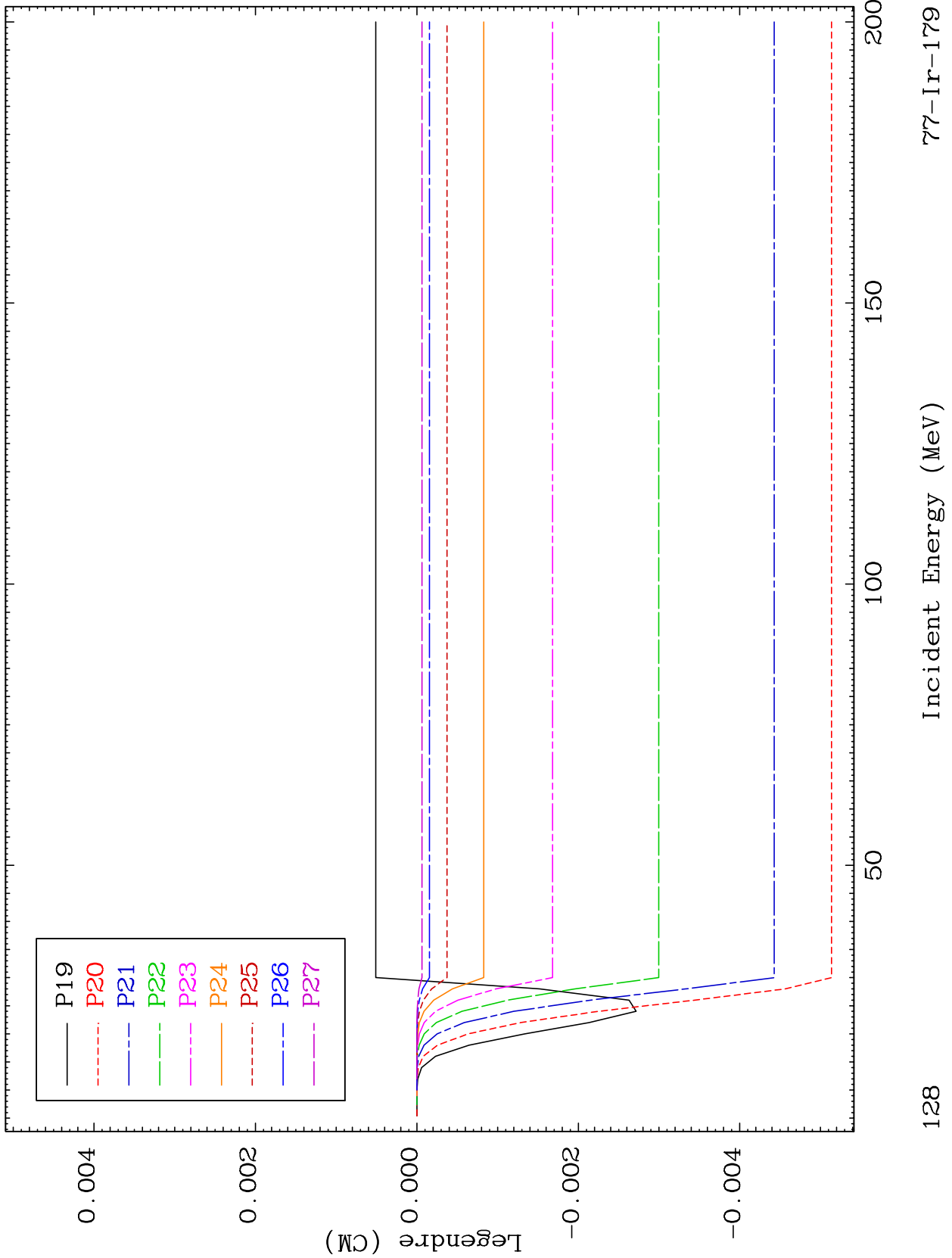
77-Ir-179

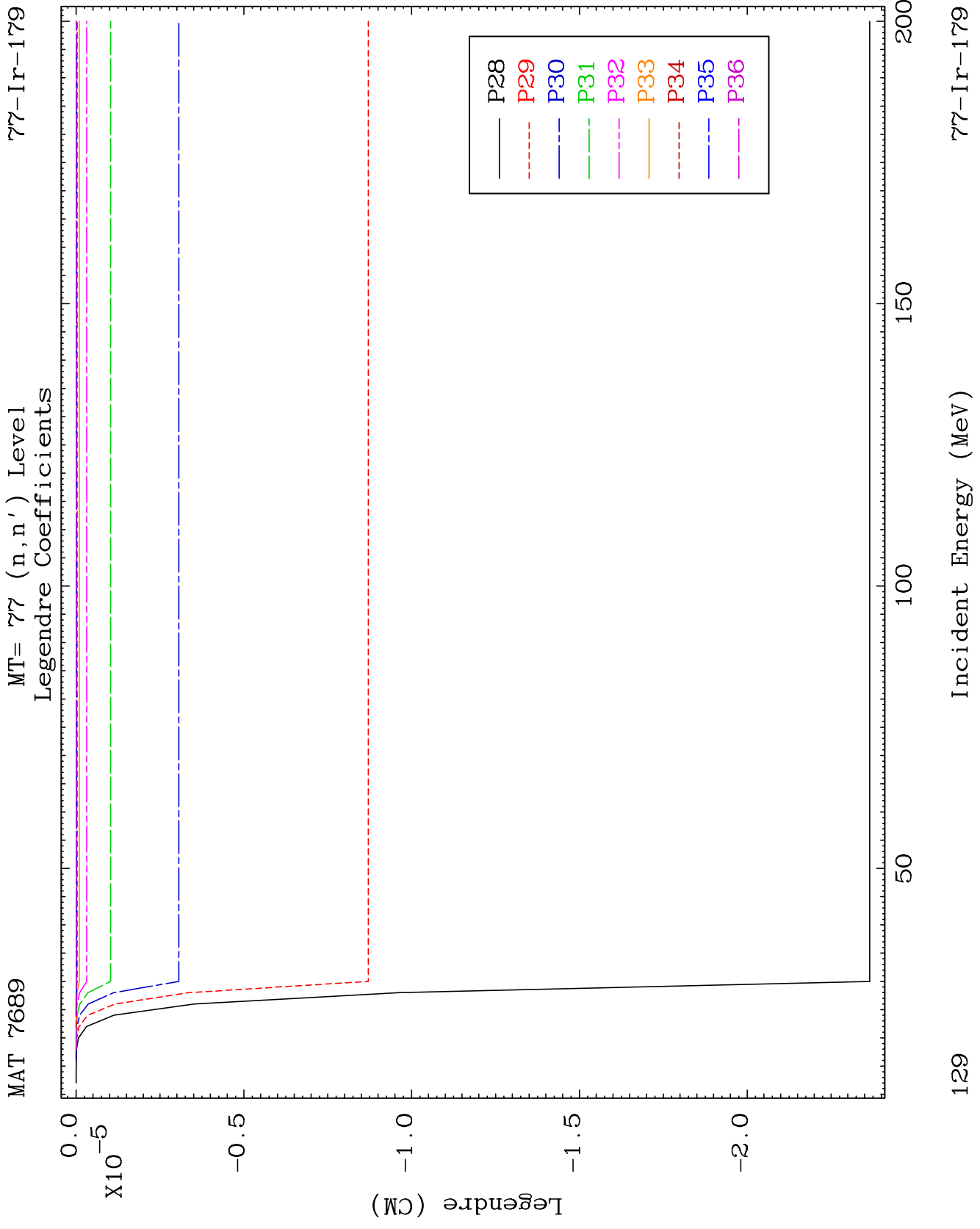


127

Incident Energy (MeV)

77-Ir-179



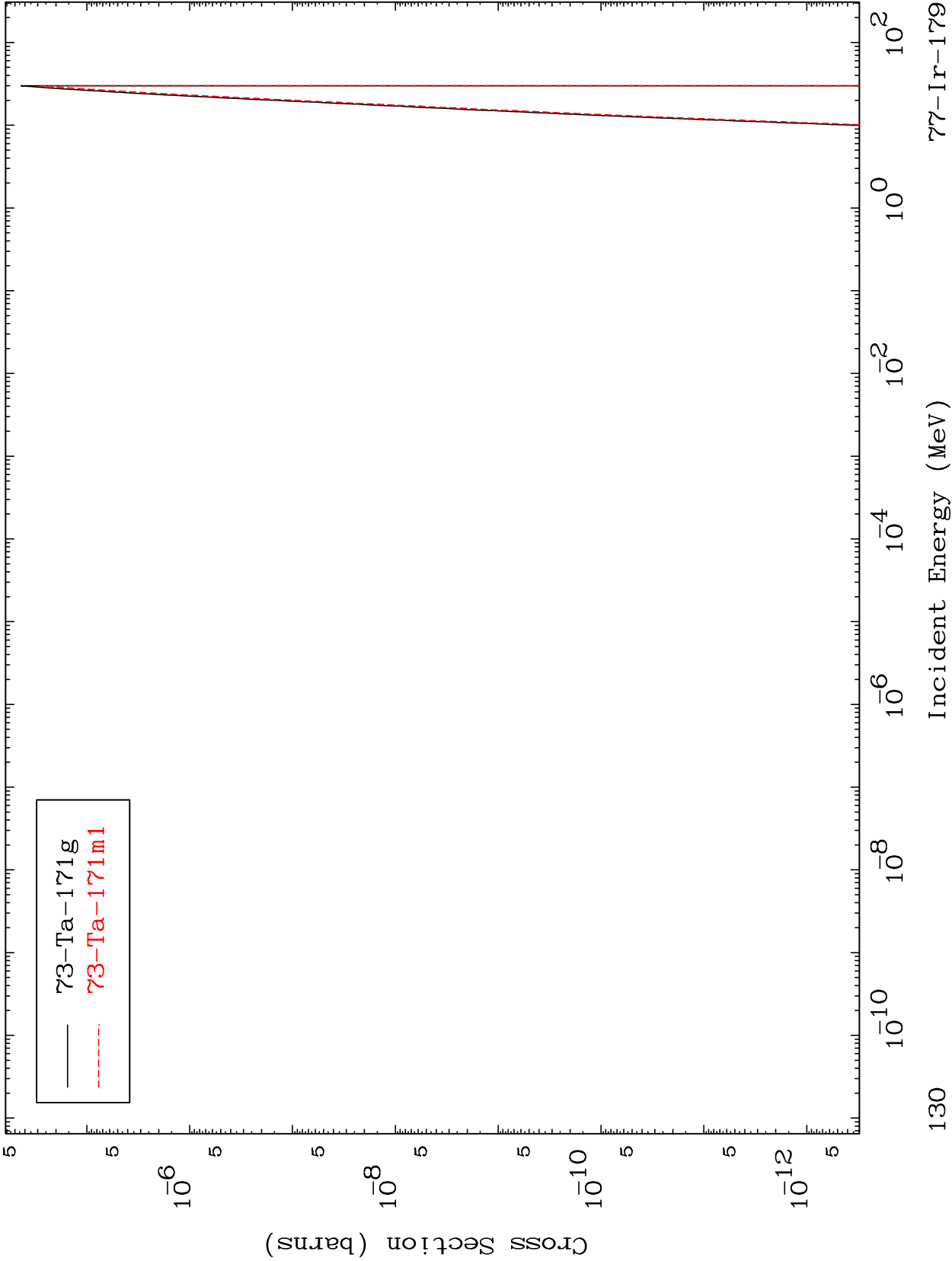


MAT 7689

(n,n') 2α

⁷⁷Ir-179

Radionuclide Production Cross Section



130

Incident Energy (MeV)

⁷⁷Ir-179