

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

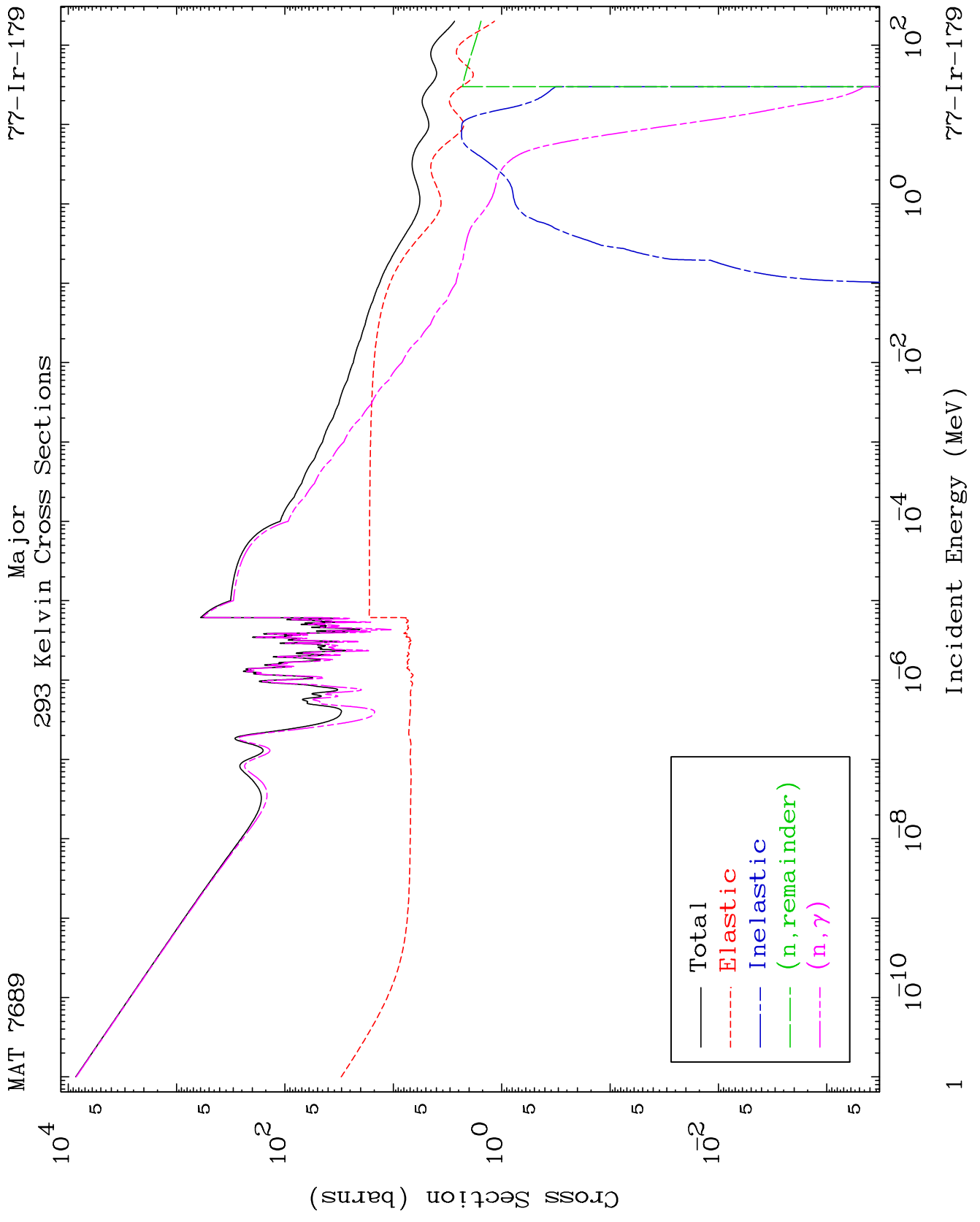
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

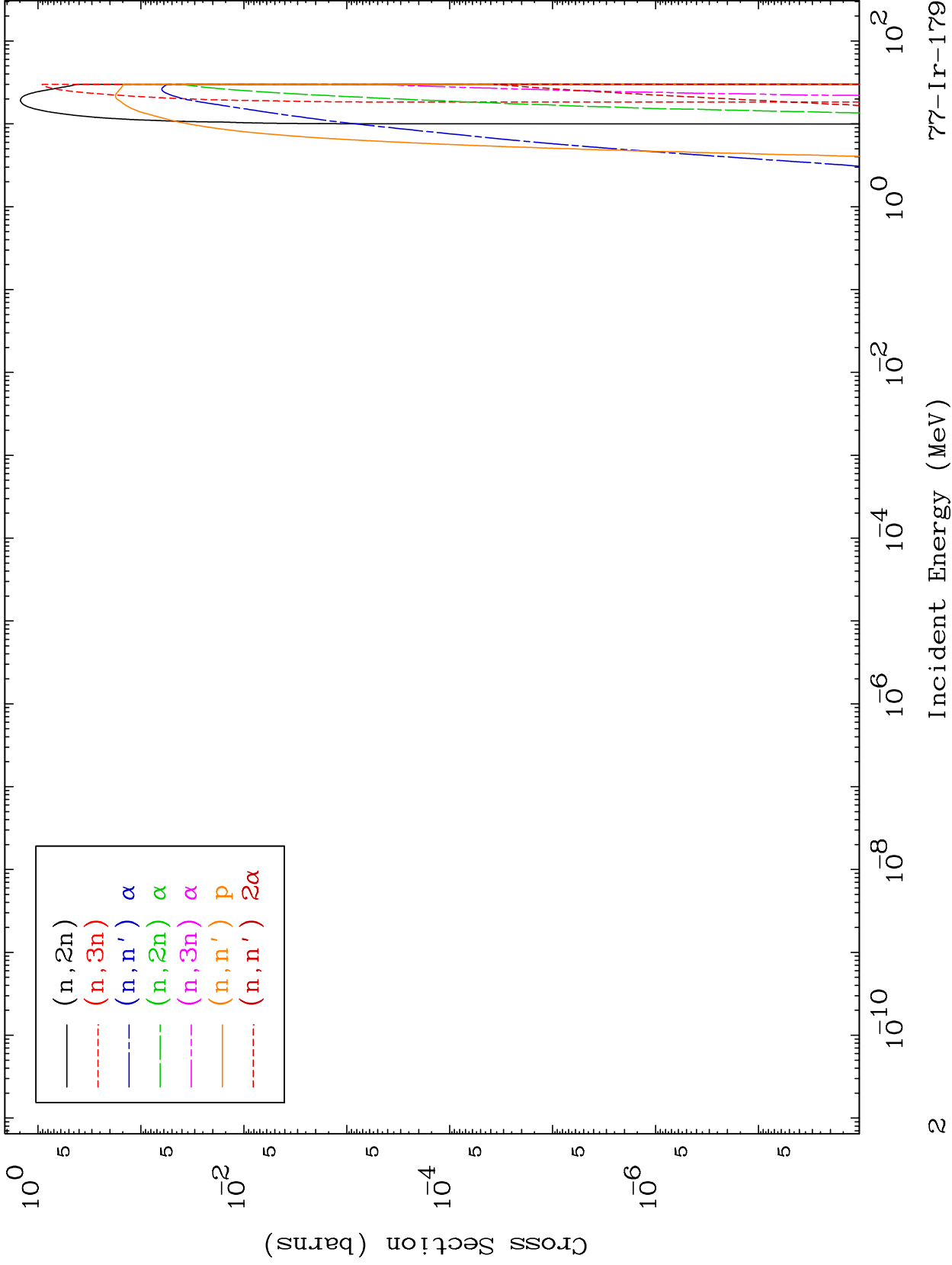
Press Mouse Button to Start



MAT 7689

Neutron Production  
293 Kelvin Cross Sections

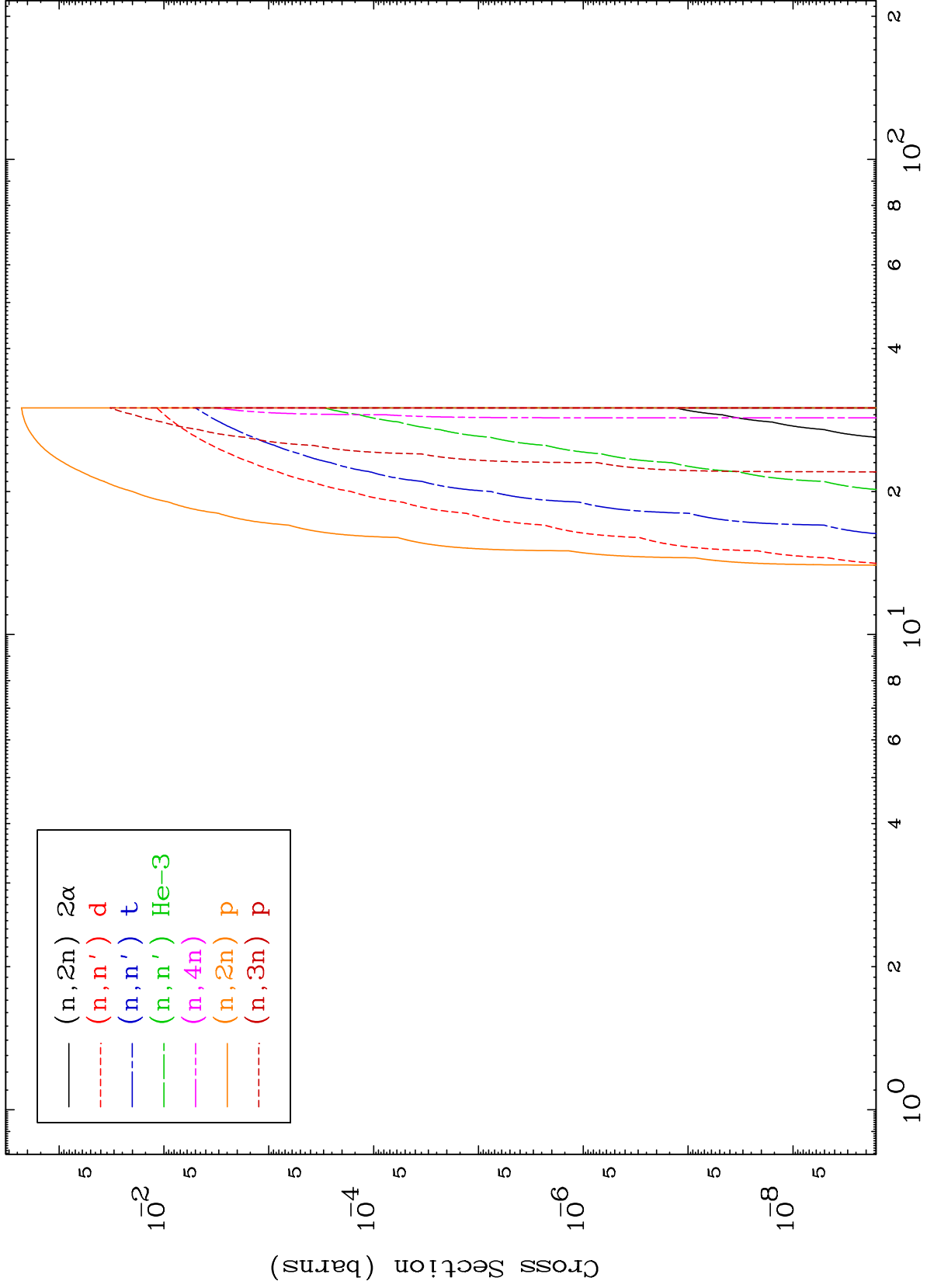
77-Ir-179



MAT 7689

Neutron Production  
293 Kelvin Cross Sections

77-Ir-179



3

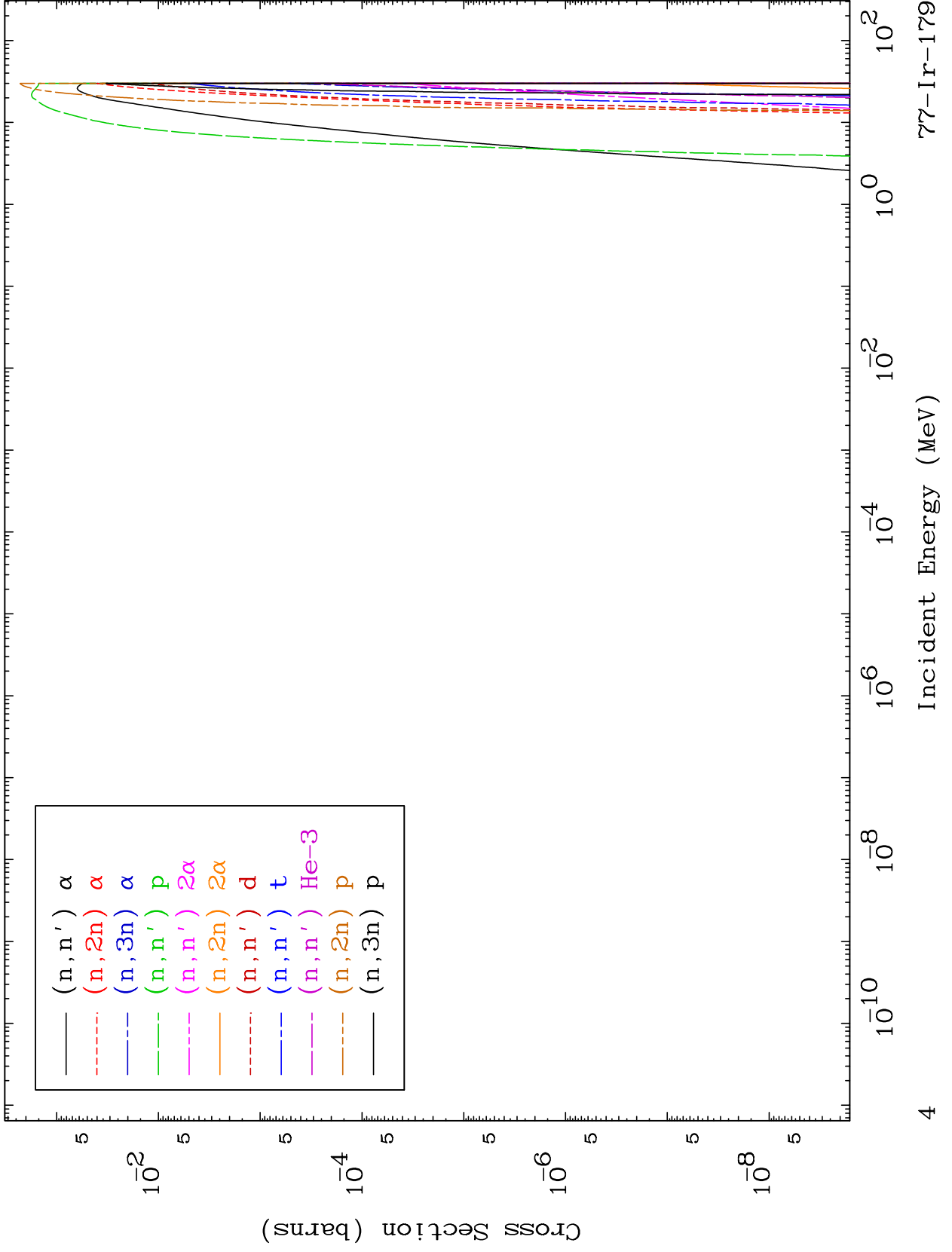
Incident Energy (MeV)

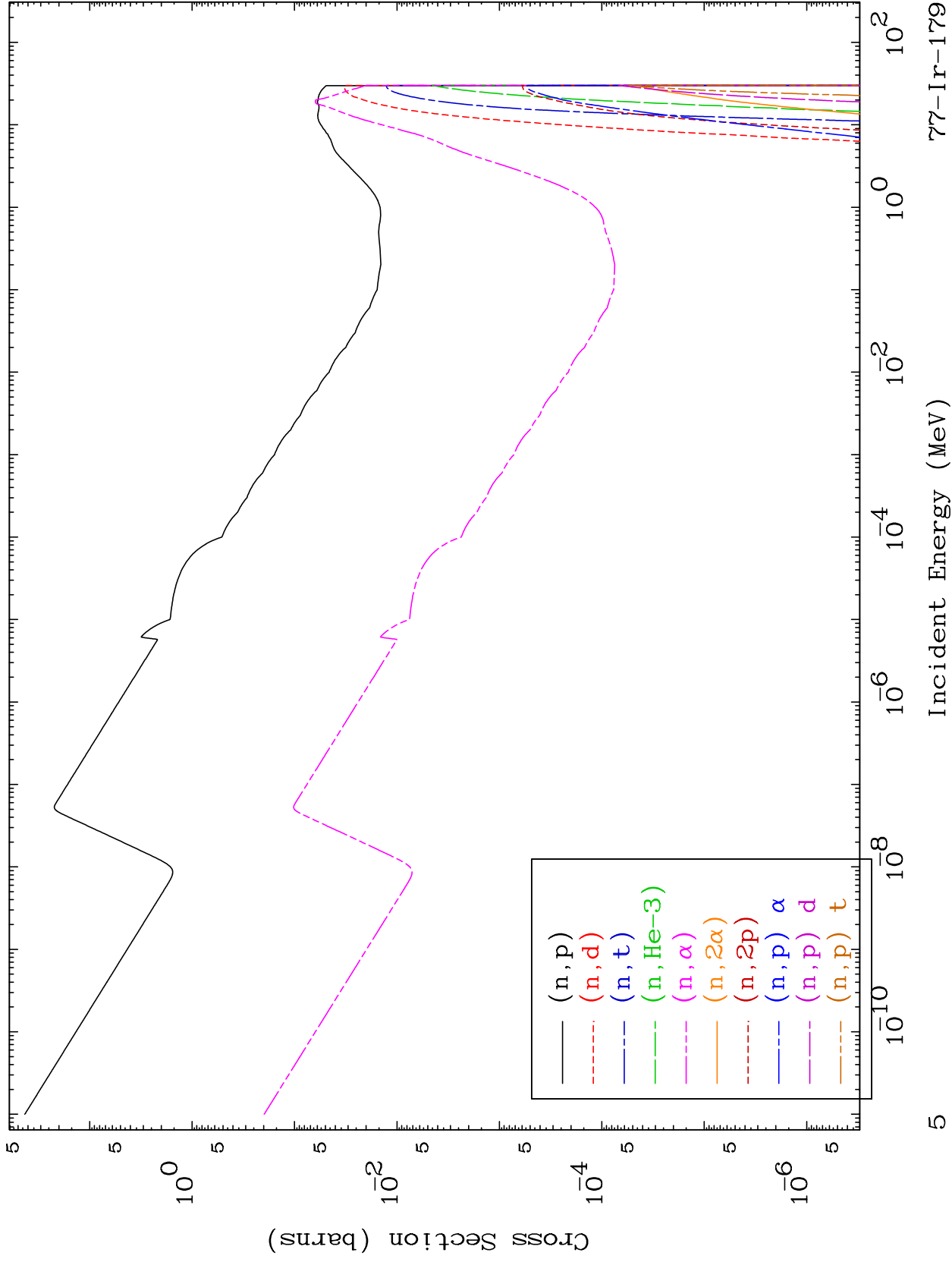
77-Ir-179

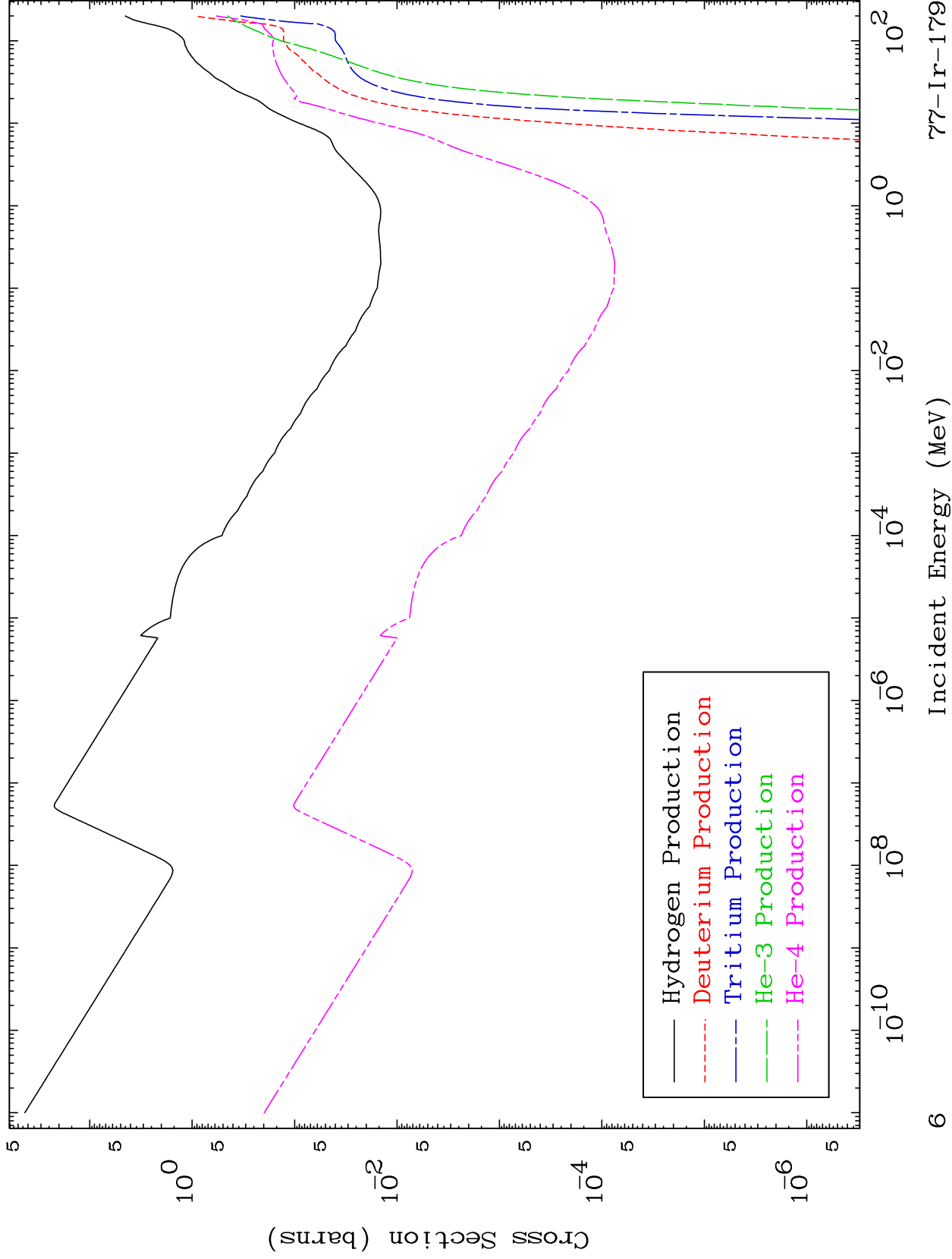
MAT 7689

Charged Particle  
293 Kelvin Cross Sections

77-Ir-179



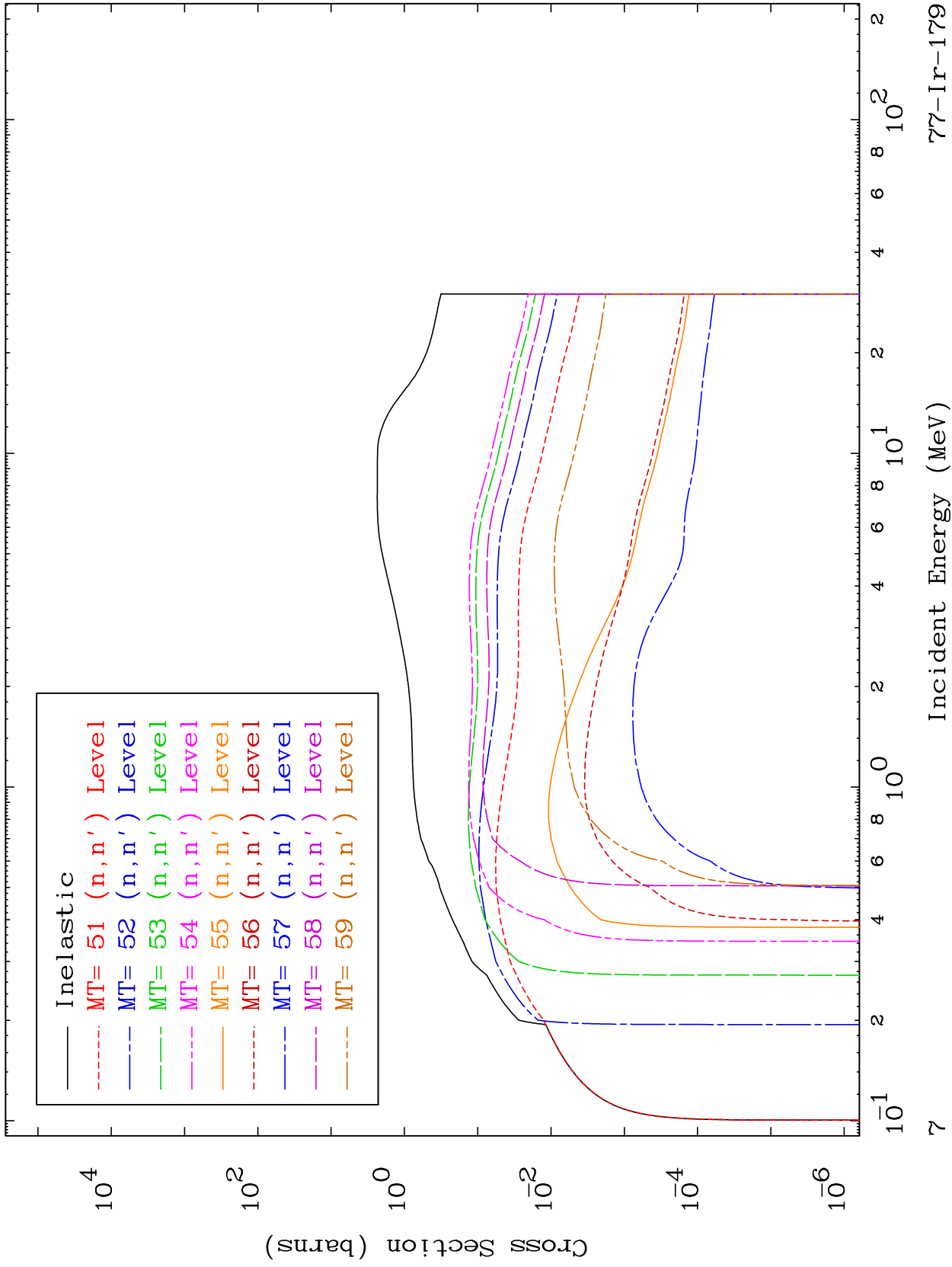




MAT 7689

(n,n') Level  
293 Kelvin Cross Sections

77-Ir-179



77-Ir-179

Incident Energy (MeV)

7

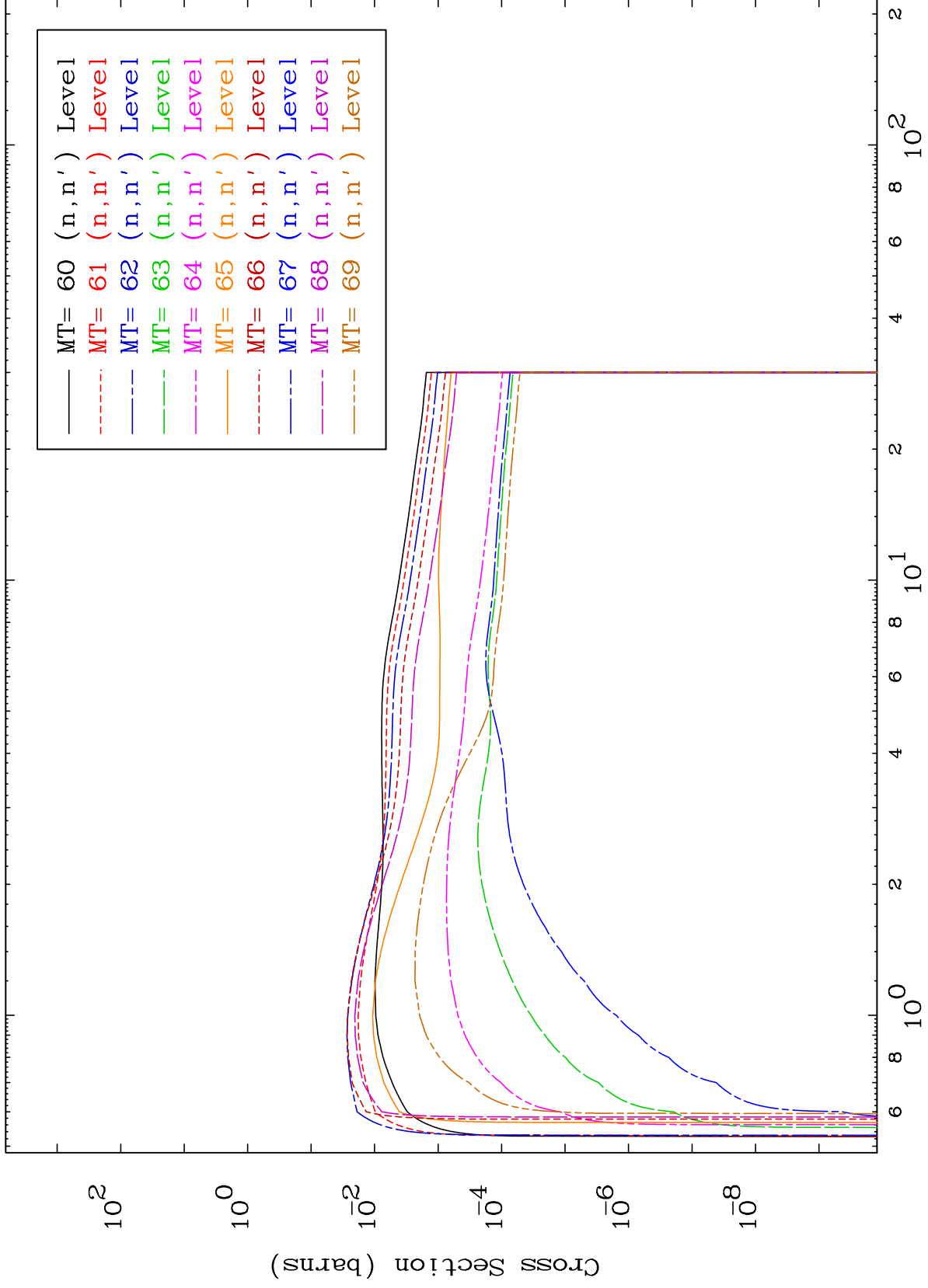


MAT 7689

(n,n') Level

77-Ir-179

293 Kelvin Cross Sections



8

Incident Energy (MeV)

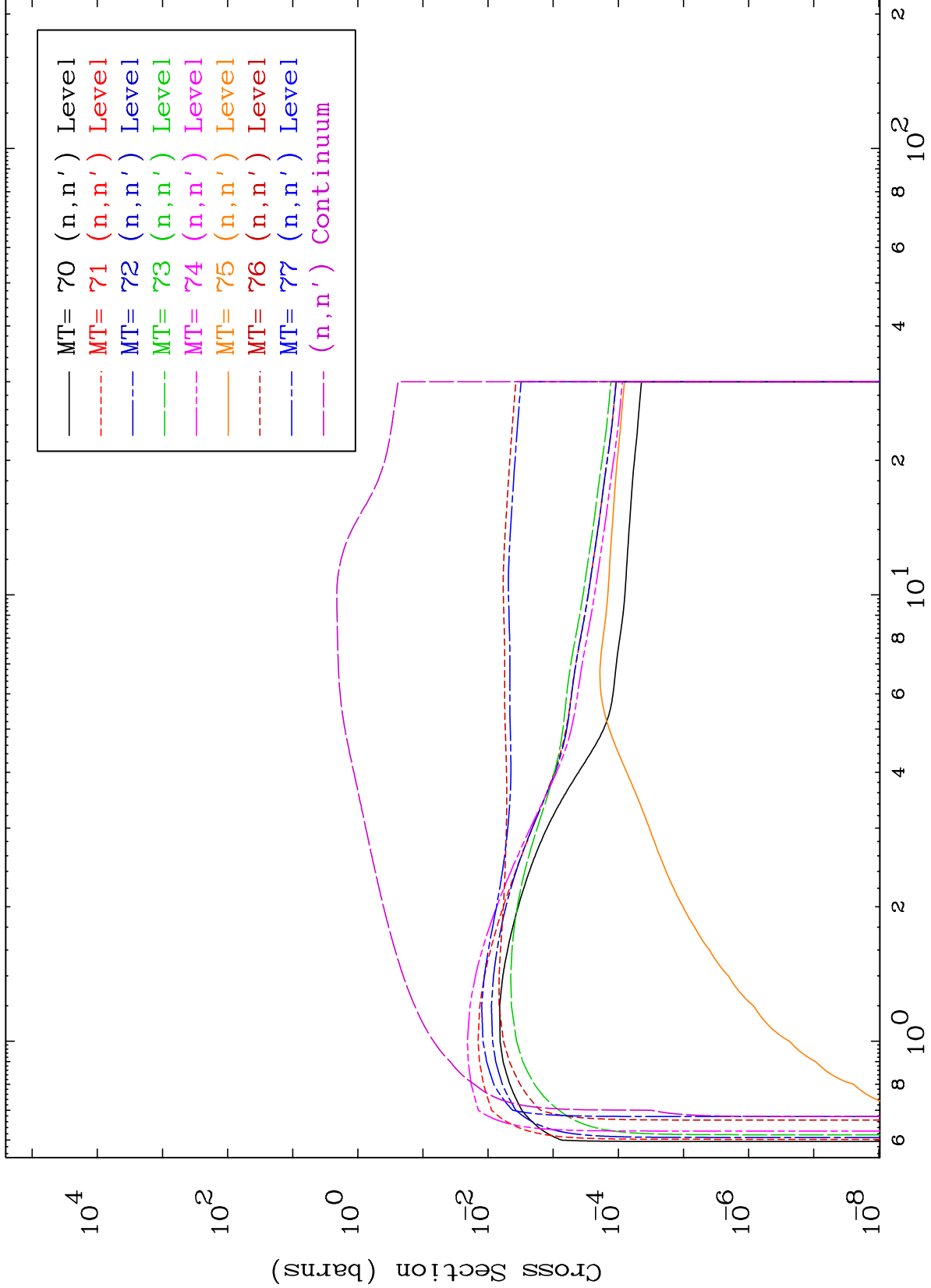
77-Ir-179

MAT 7689

(n,n') Level

77-Ir-179

293 Kelvin Cross Sections



9

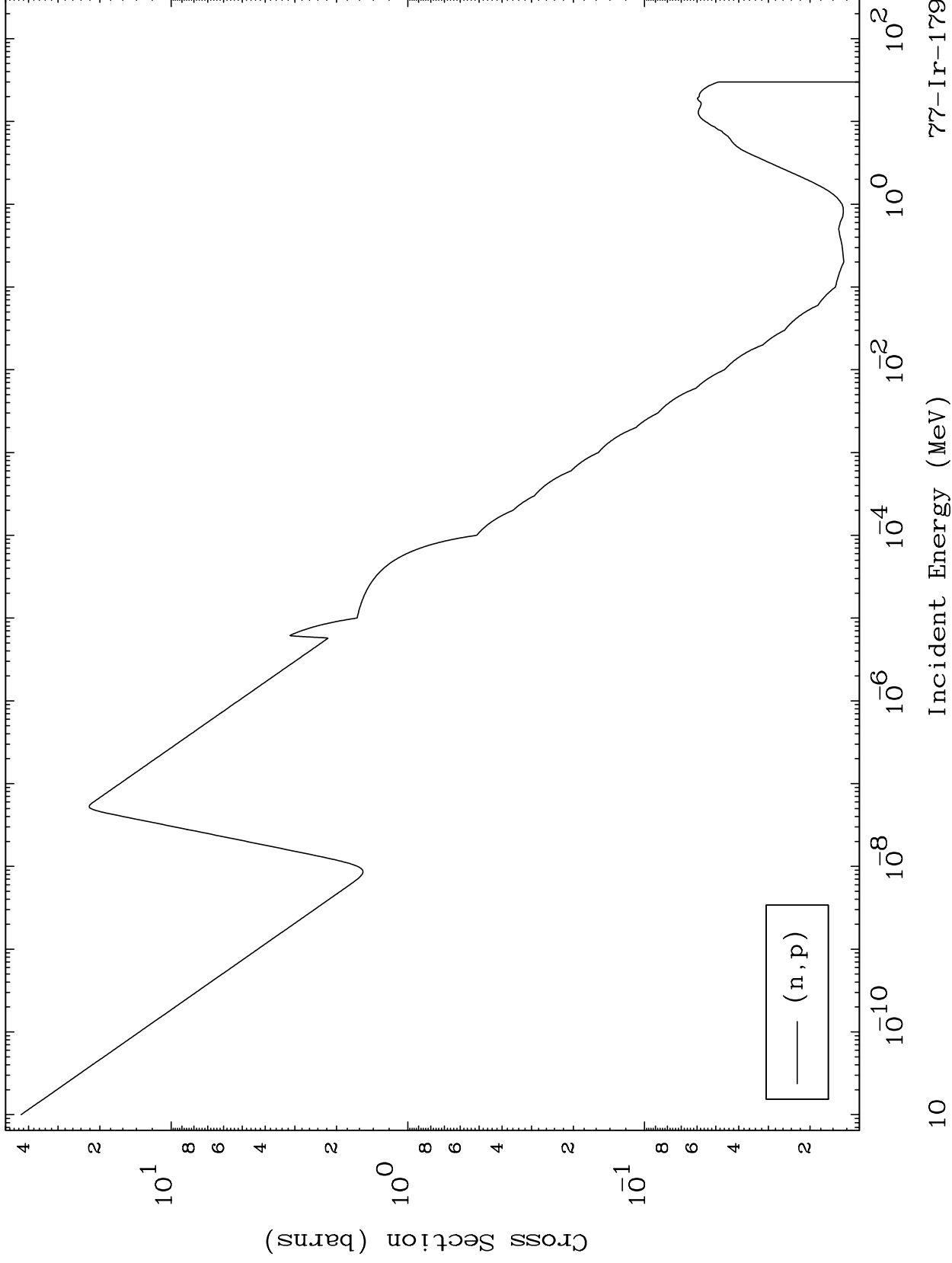
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-179



10

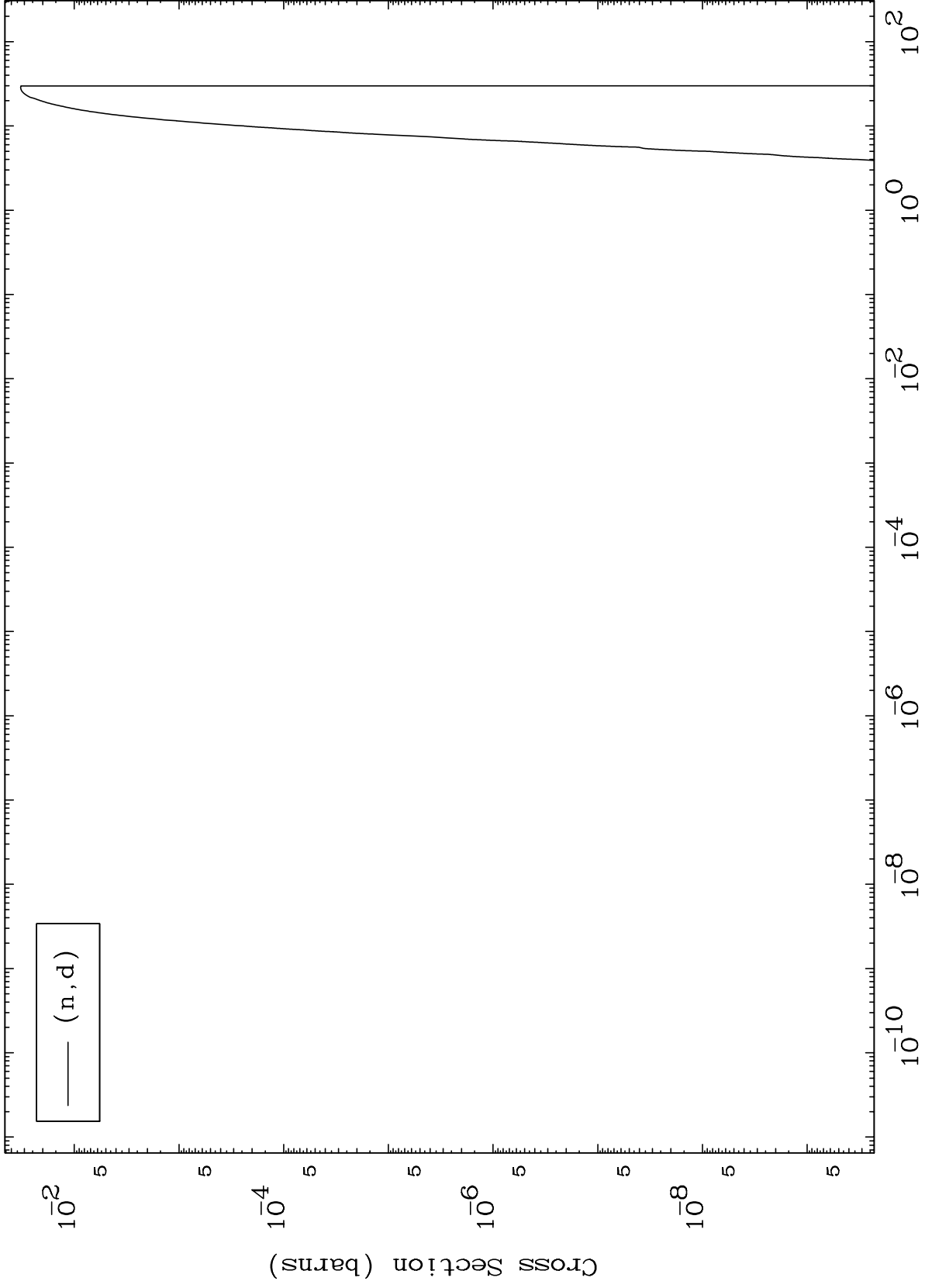
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n,d) Levels  
293 Kelvin Cross Sections

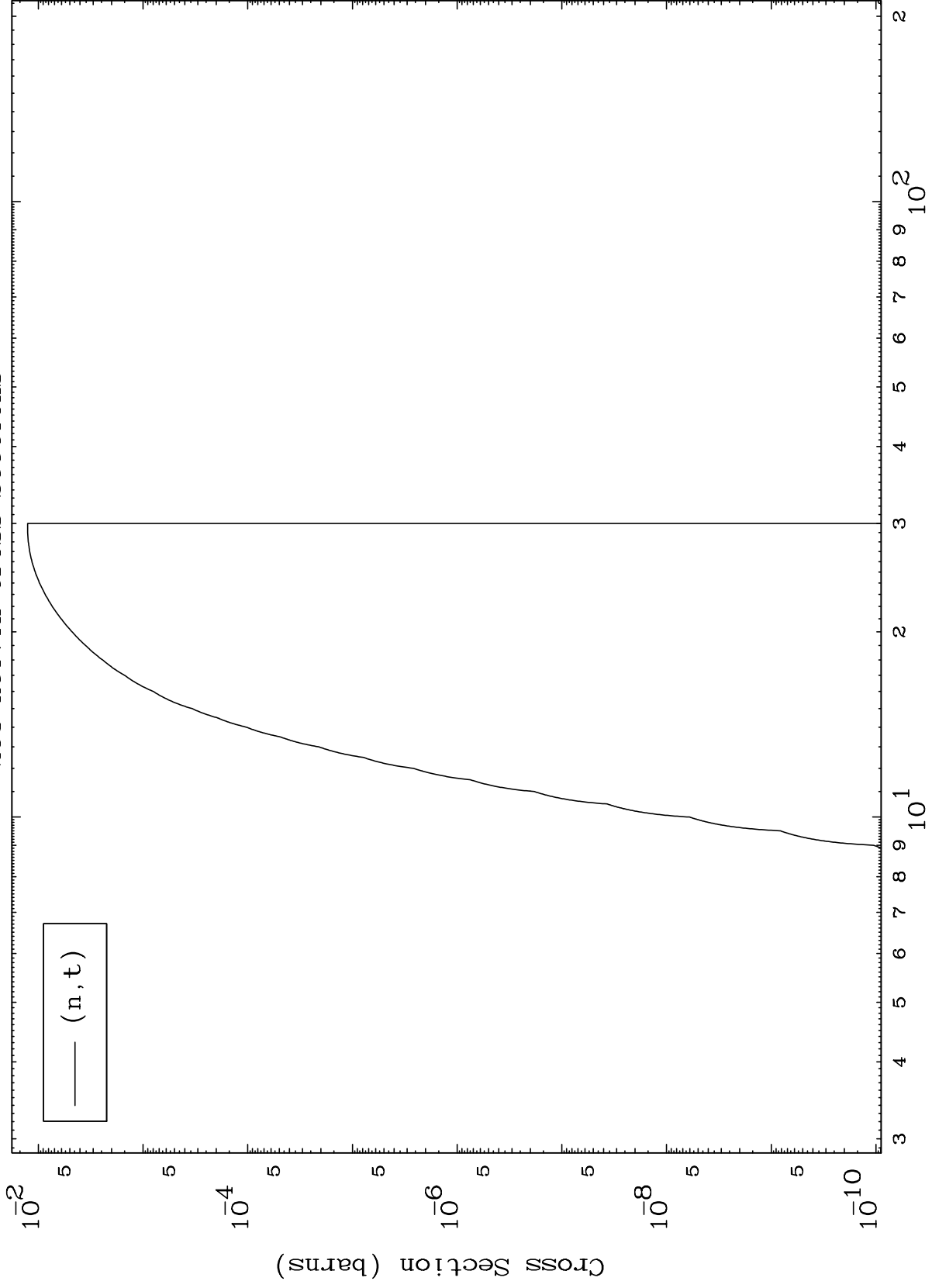
<sup>77</sup>Ir-179



MAT 7689

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-179



12

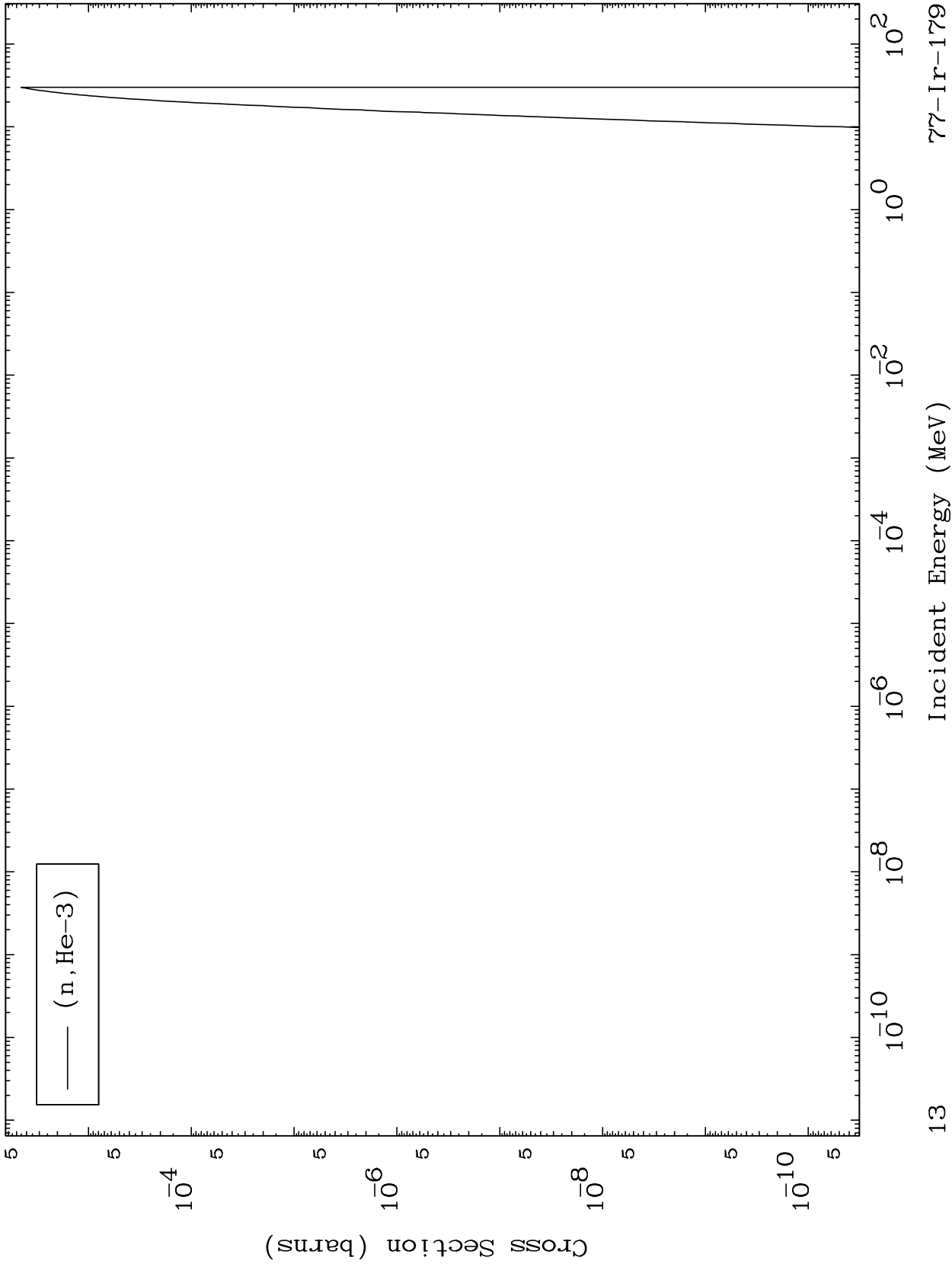
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-179



13

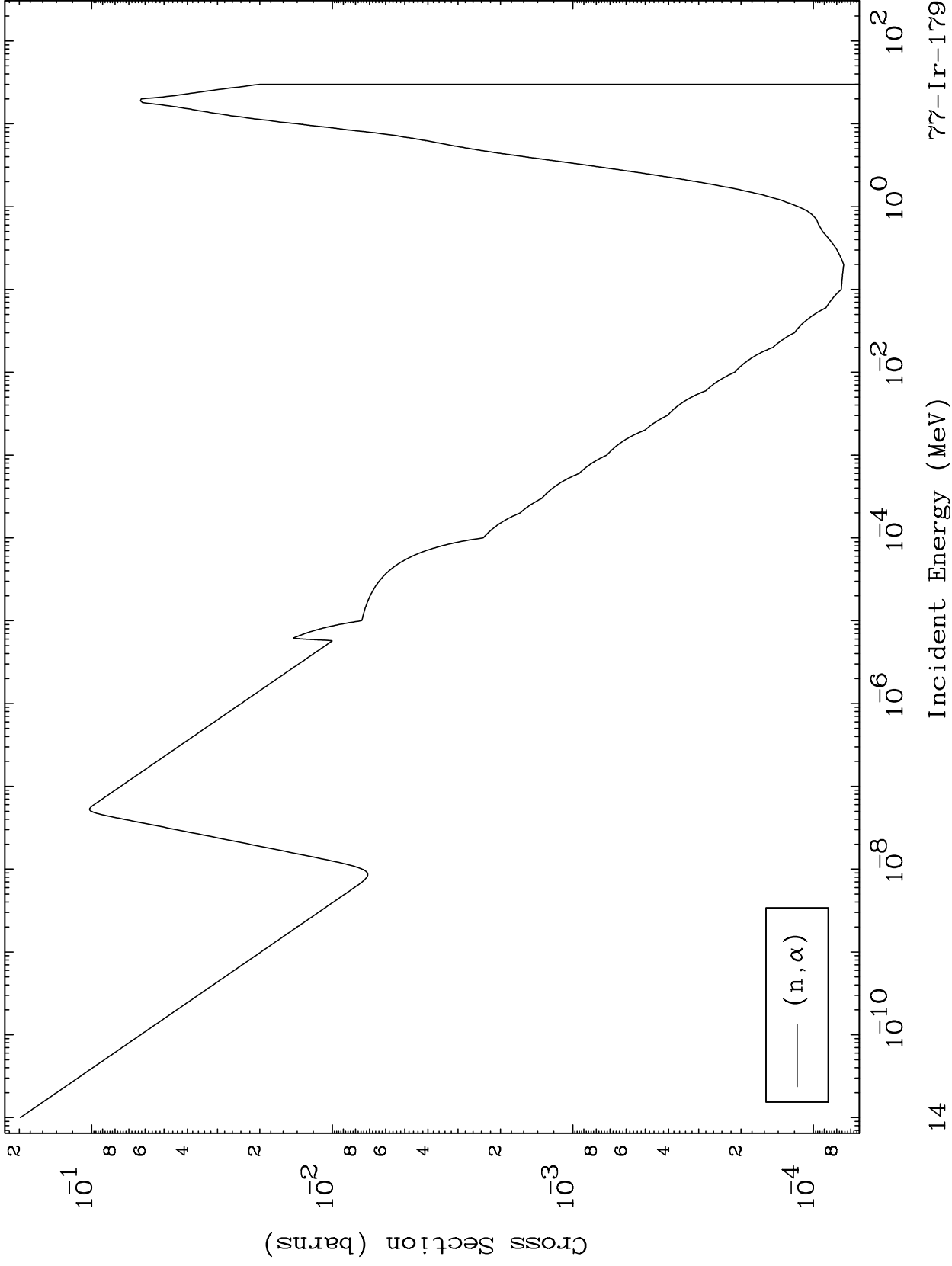
Incident Energy (MeV)

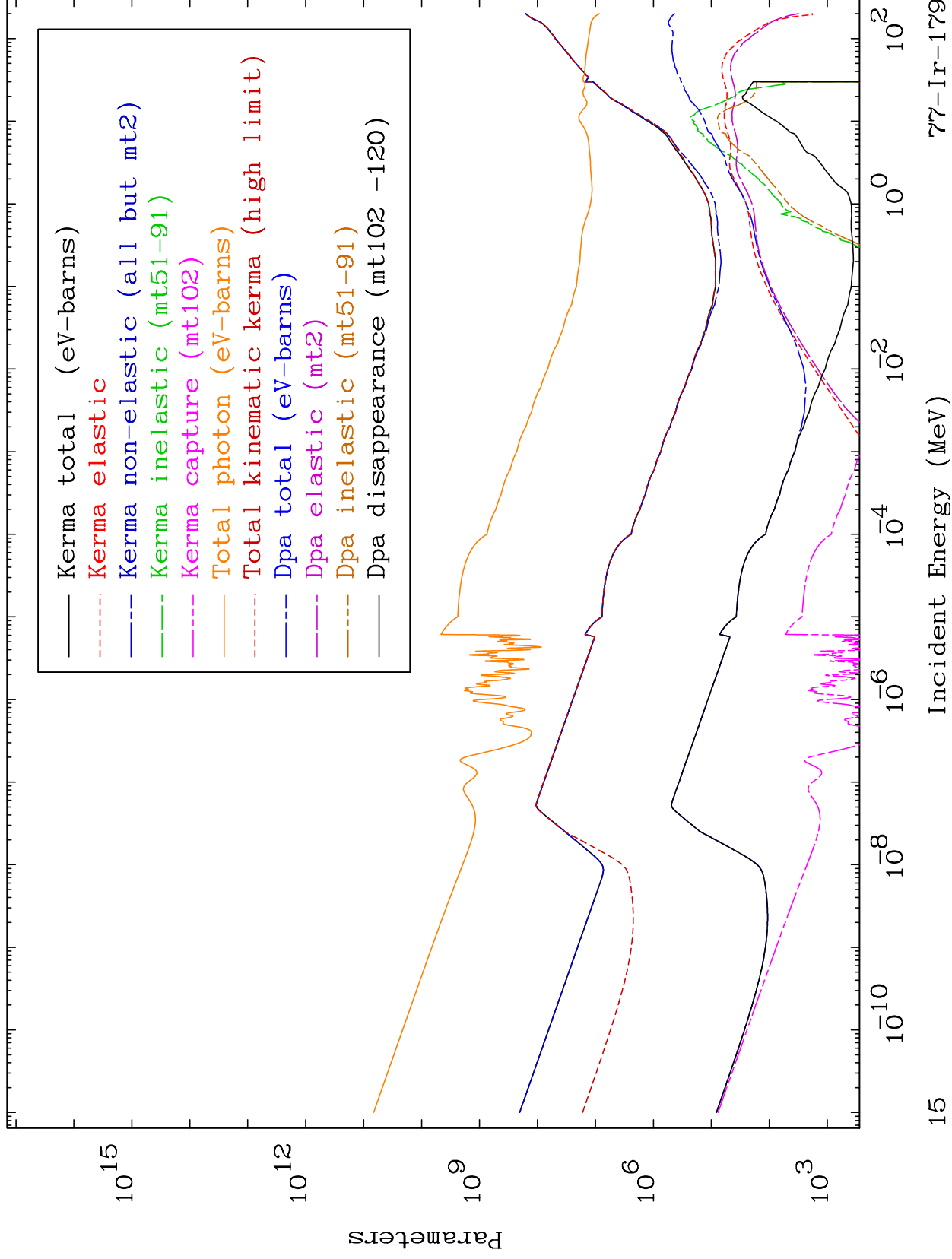
77-Ir-179

MAT 7689

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-179



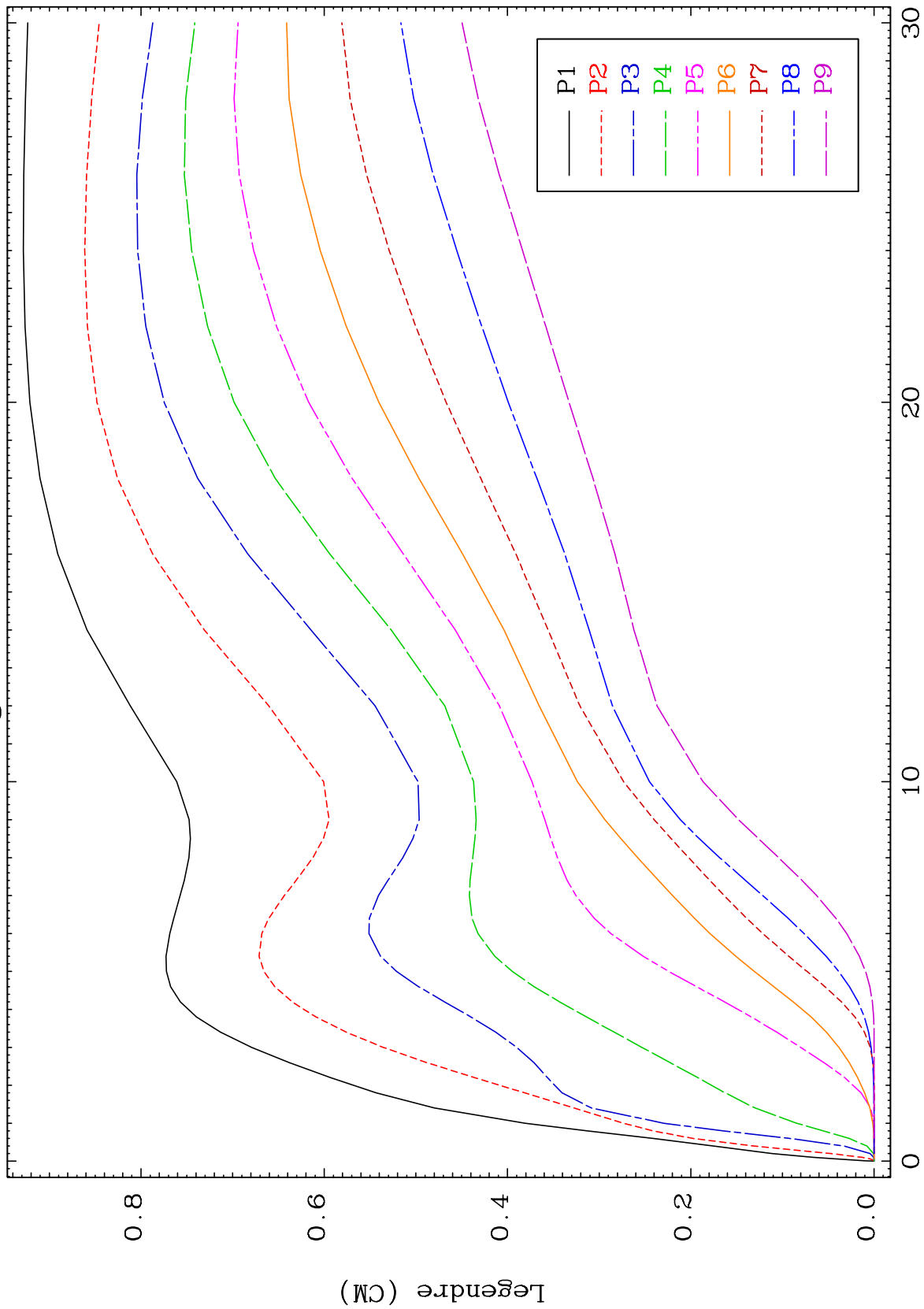




MAT 7689

Elastic Legendre Coefficients

77-Ir-179



16

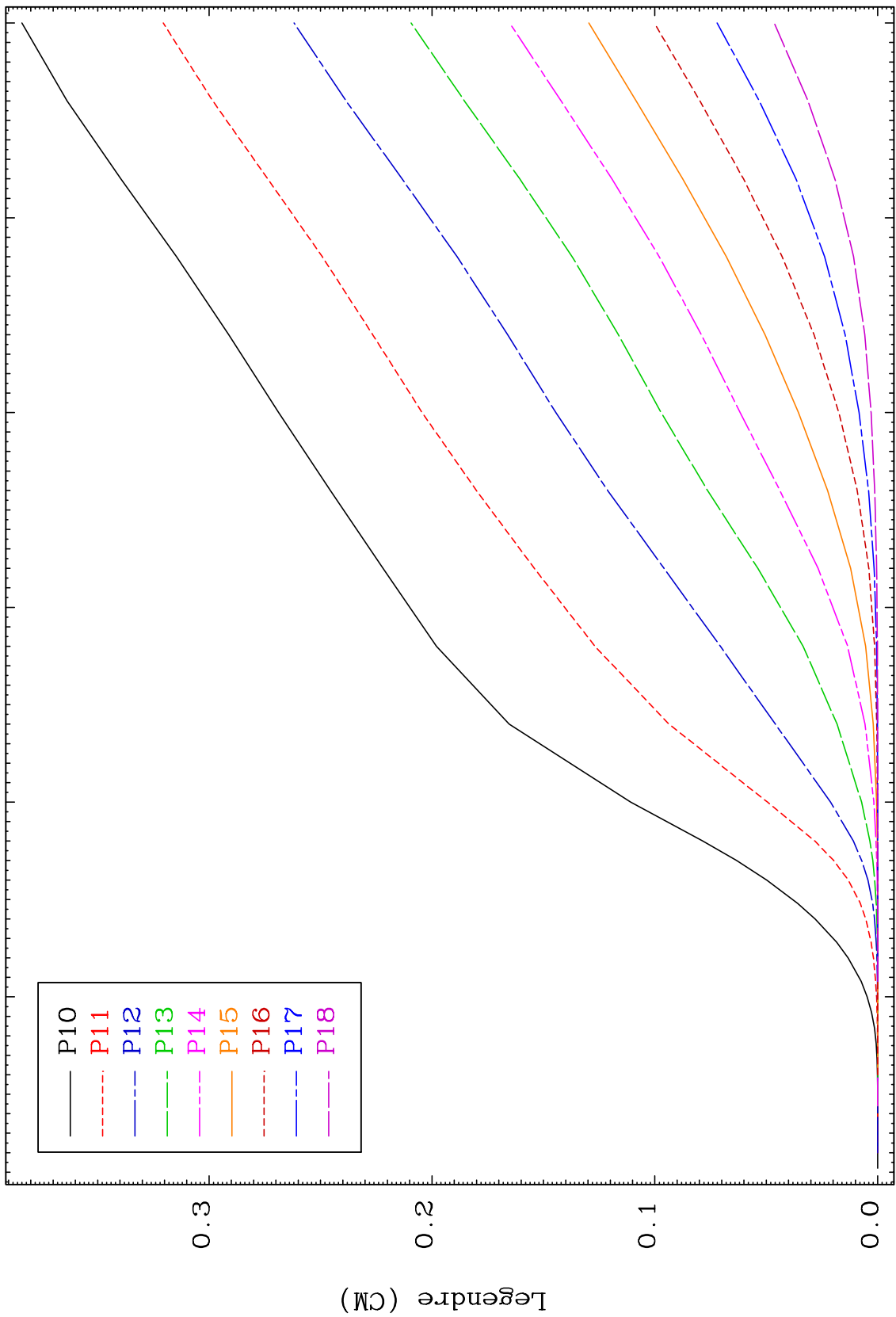
Incident Energy (MeV)

77-Ir-179

MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



17

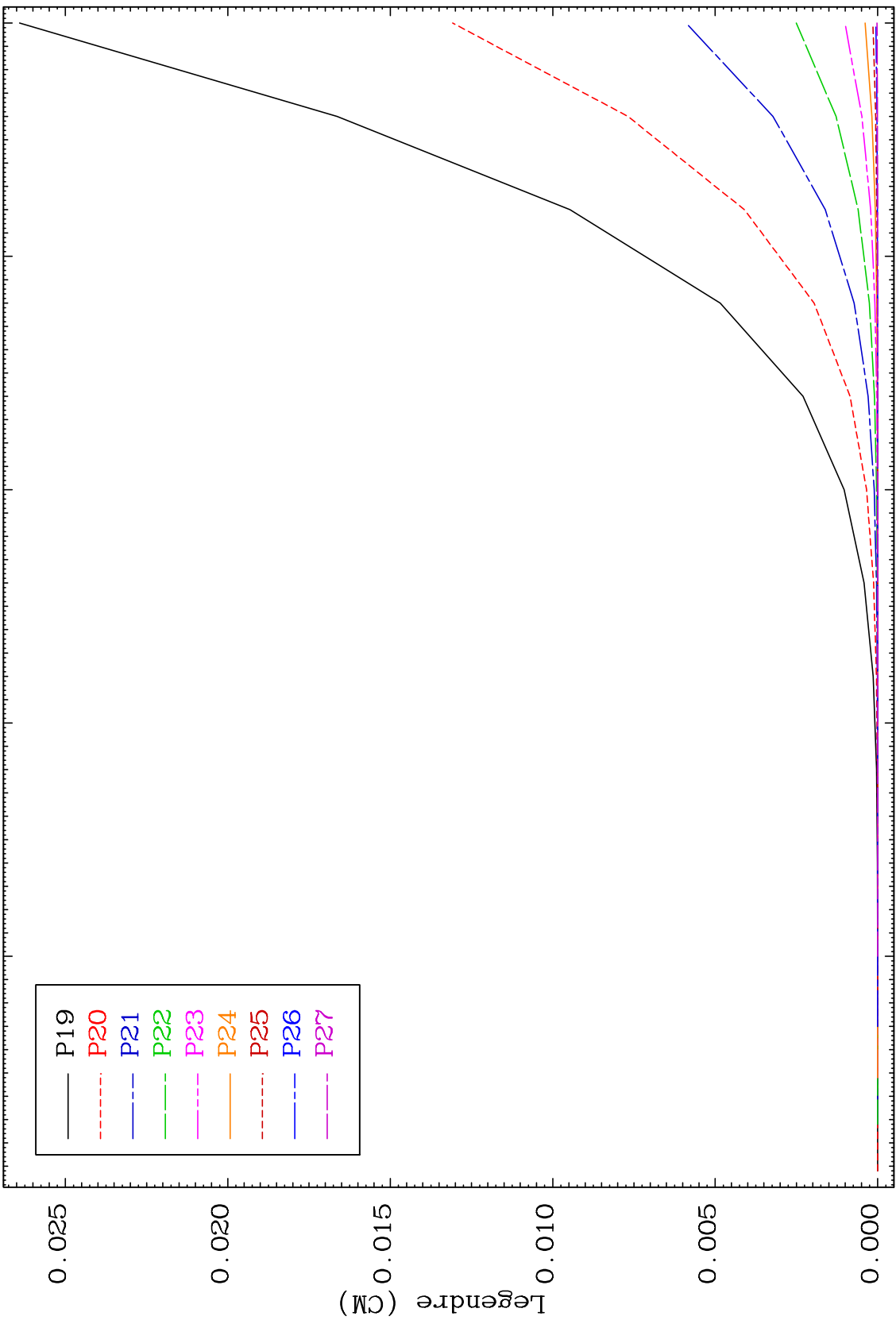
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



18

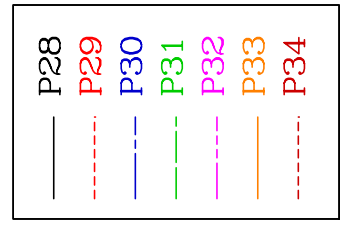
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

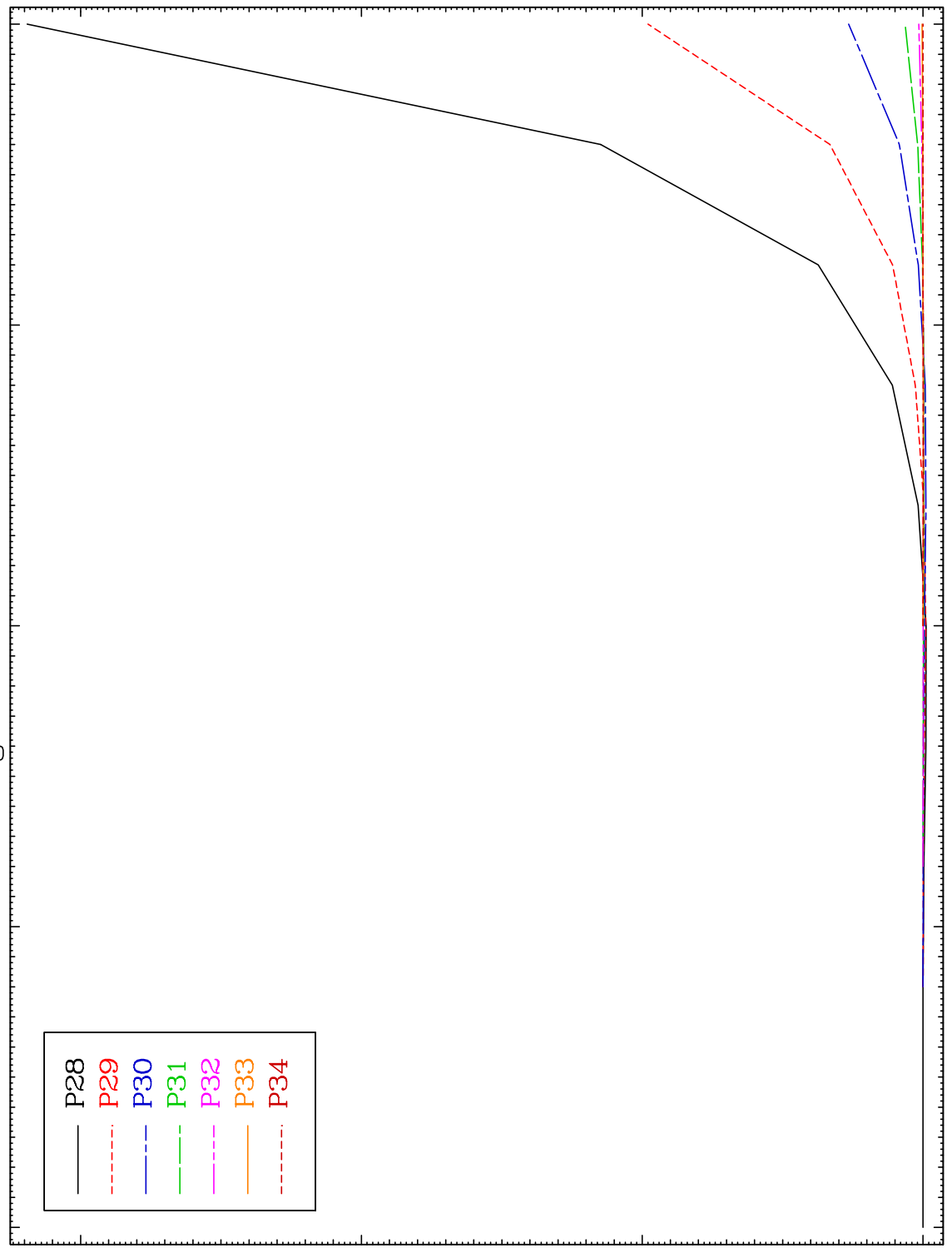
25

30

19

Incident Energy (MeV)

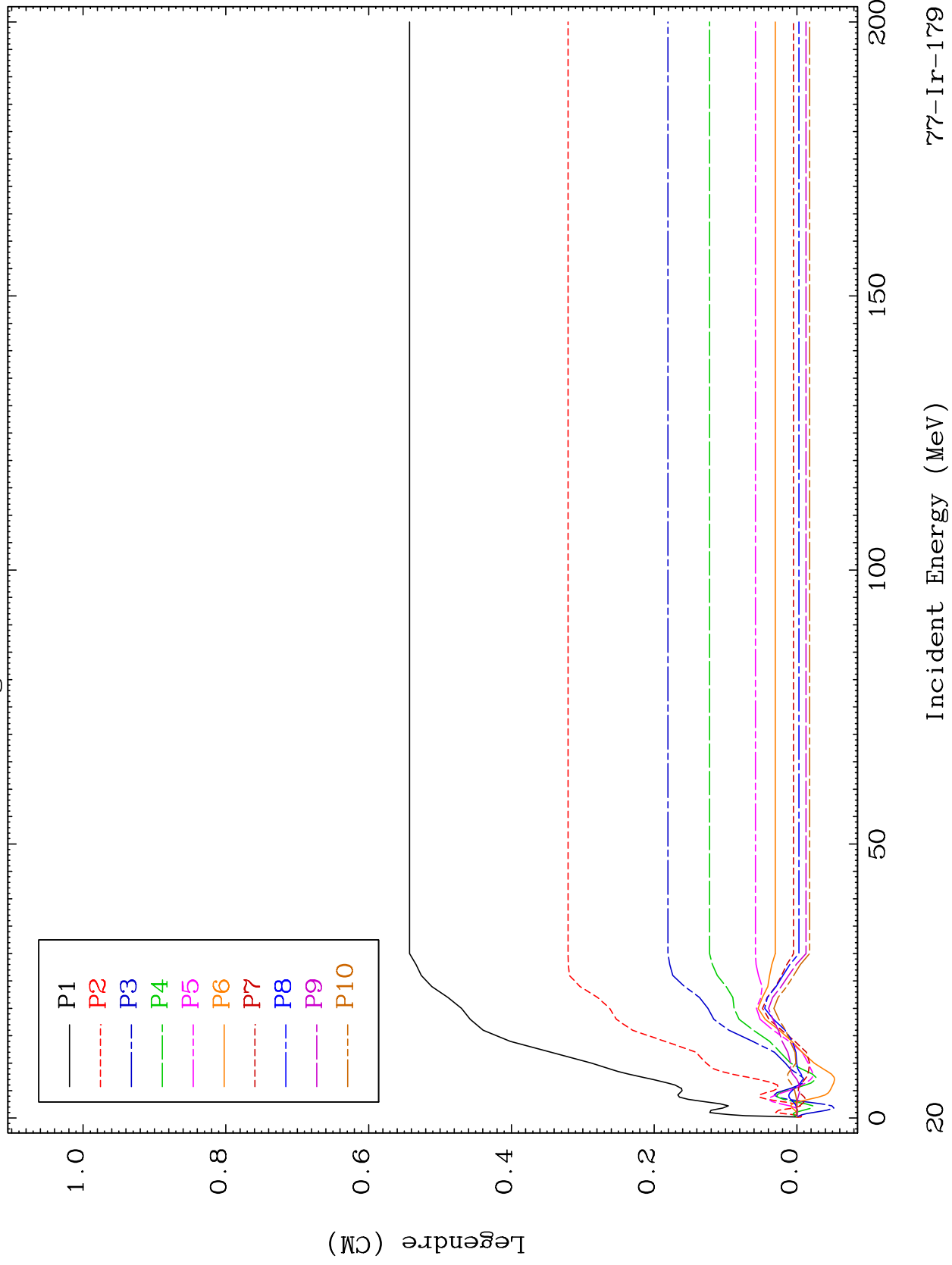
<sup>77</sup>Ir-179



MAT 7689

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

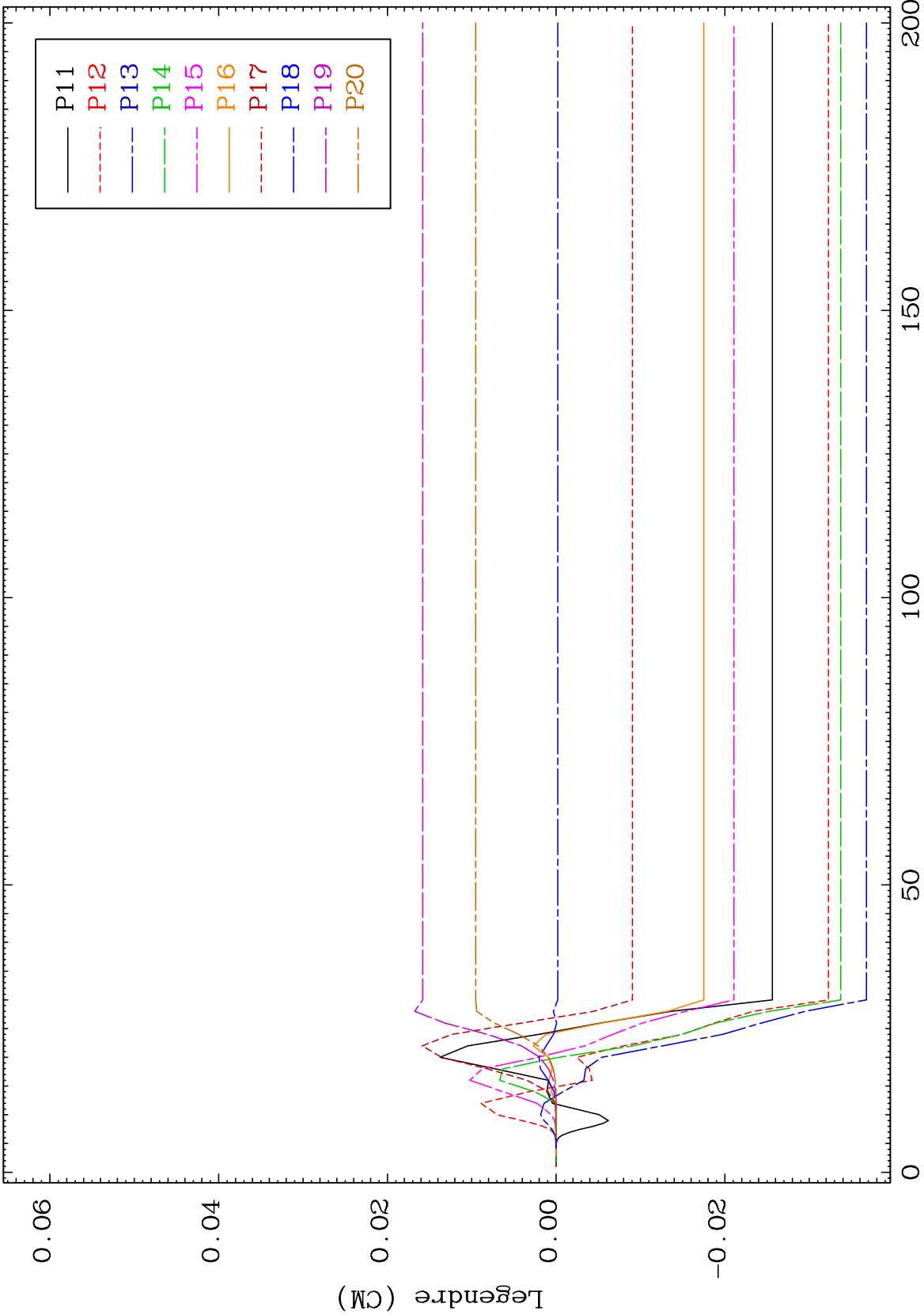
77-Ir-179

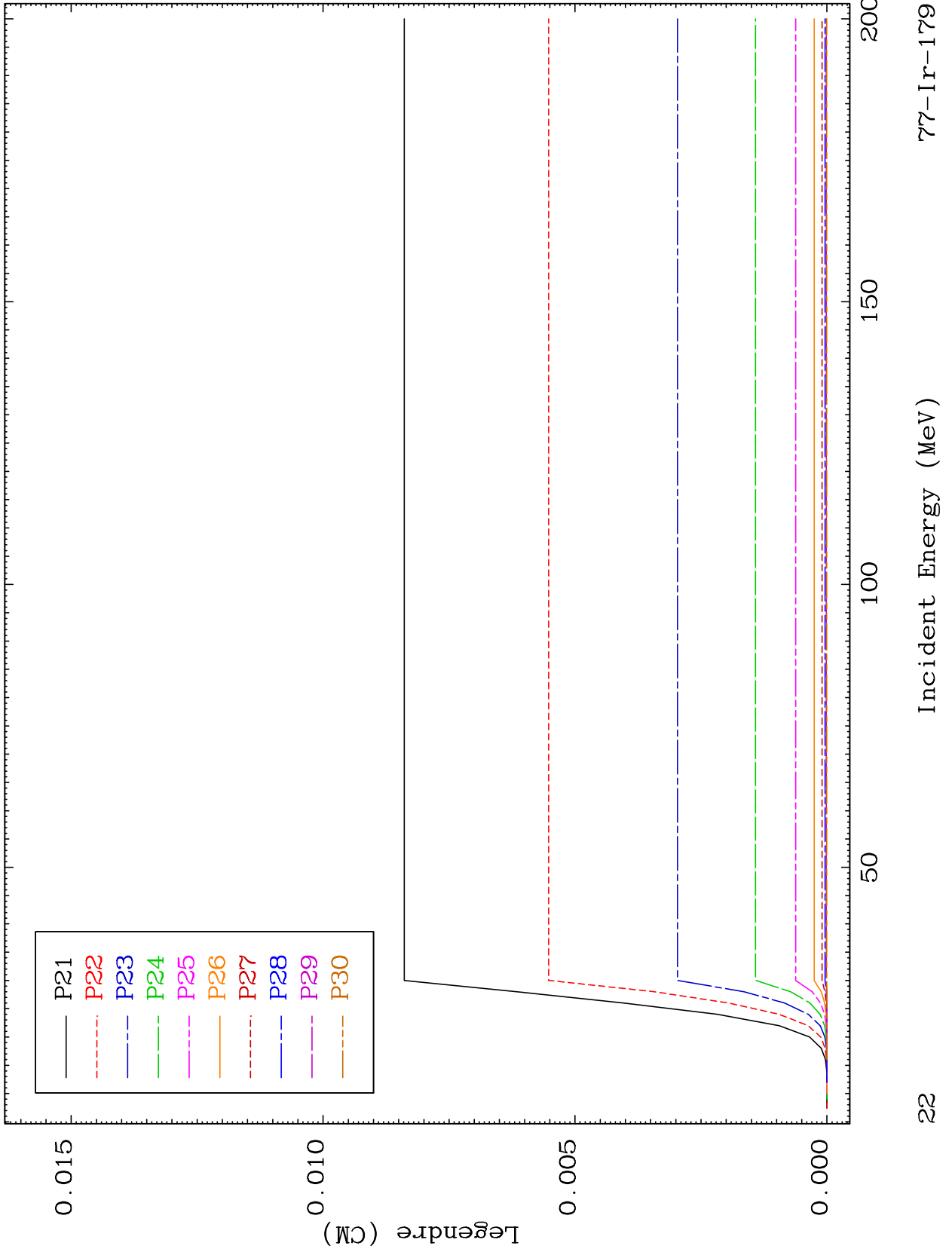


MAT 7689

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

77-Ir-179

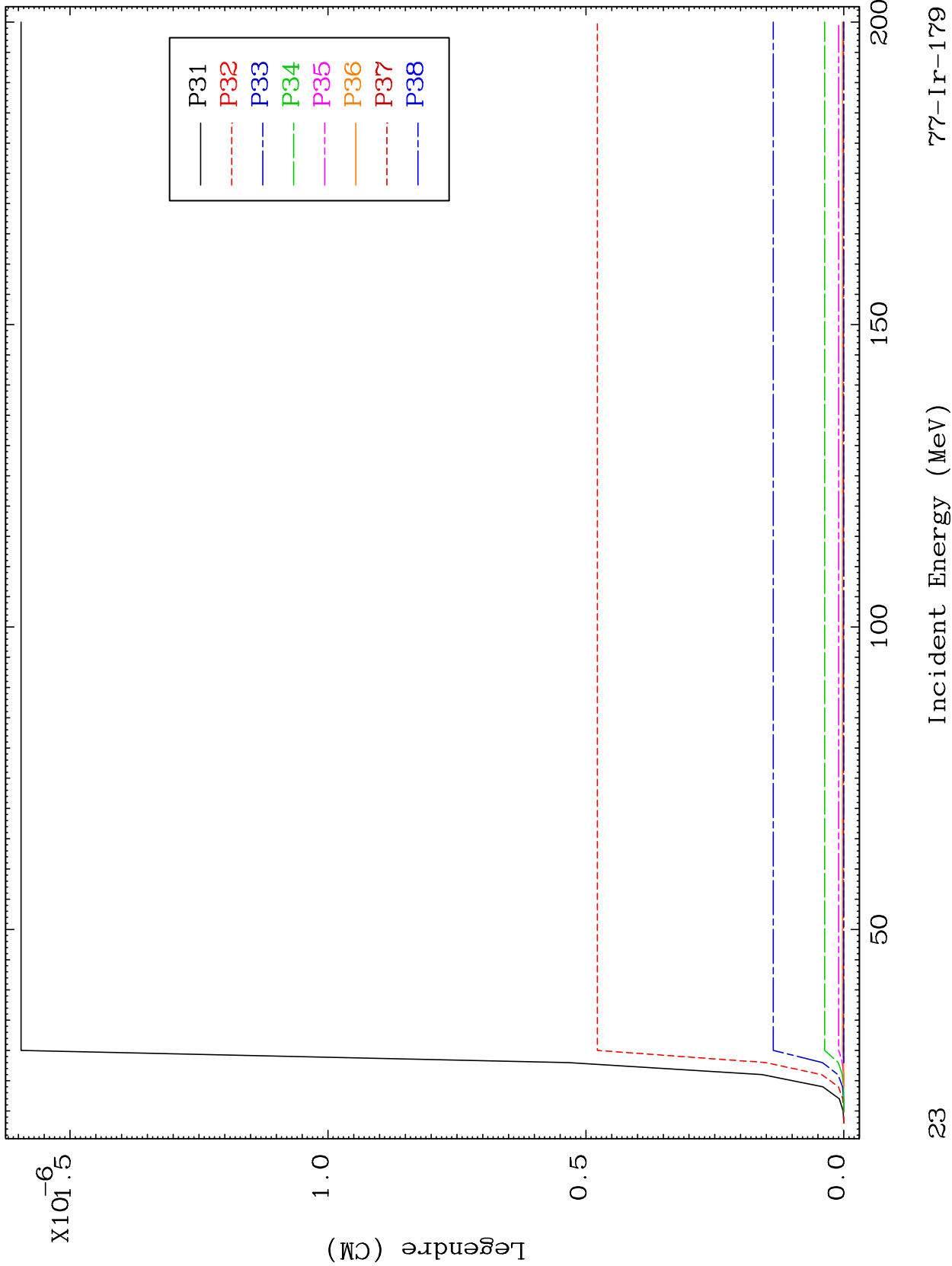




MAT 7689

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

77-Ir-179



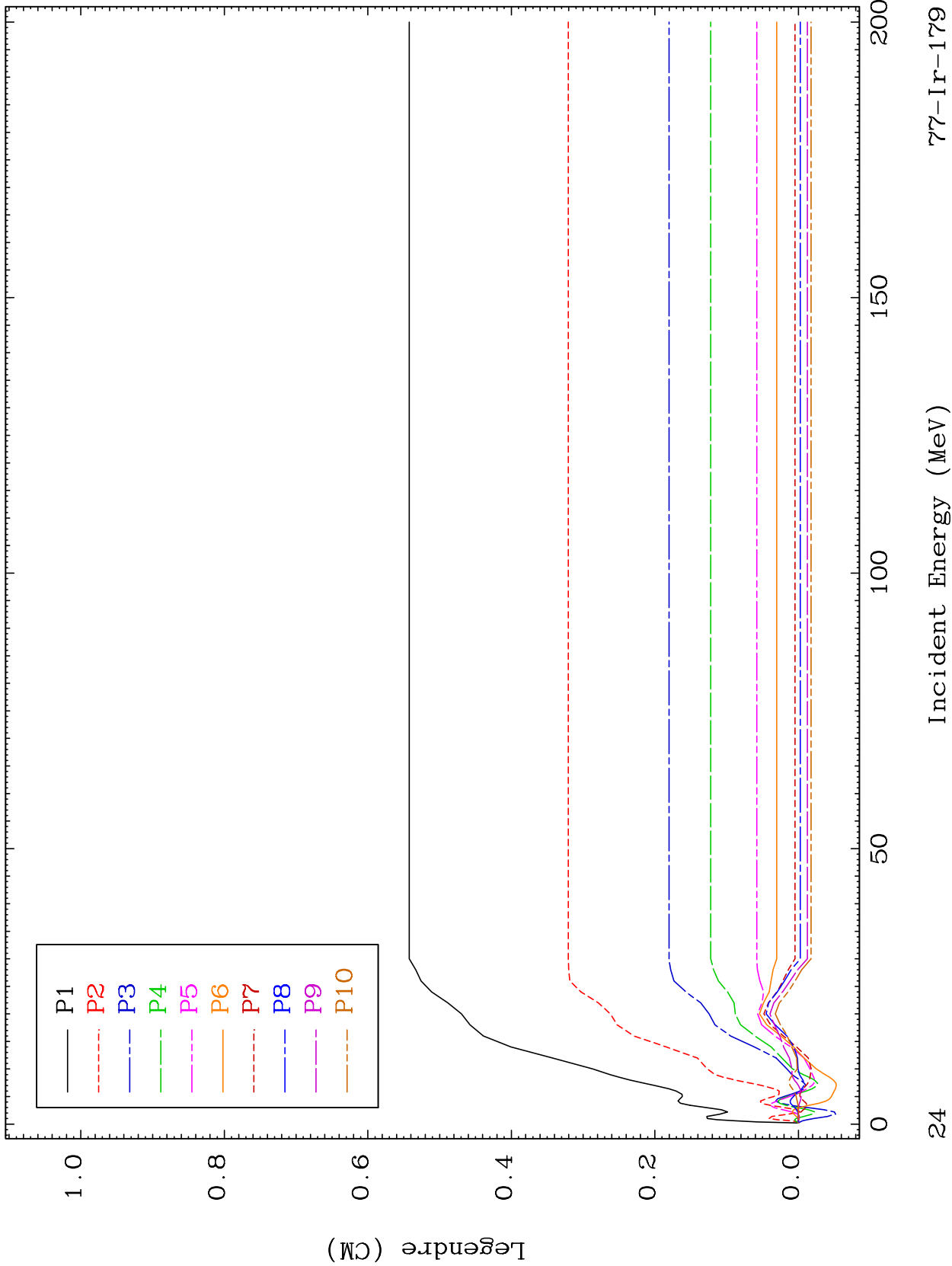
23



MAT 7689

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

77-Ir-179

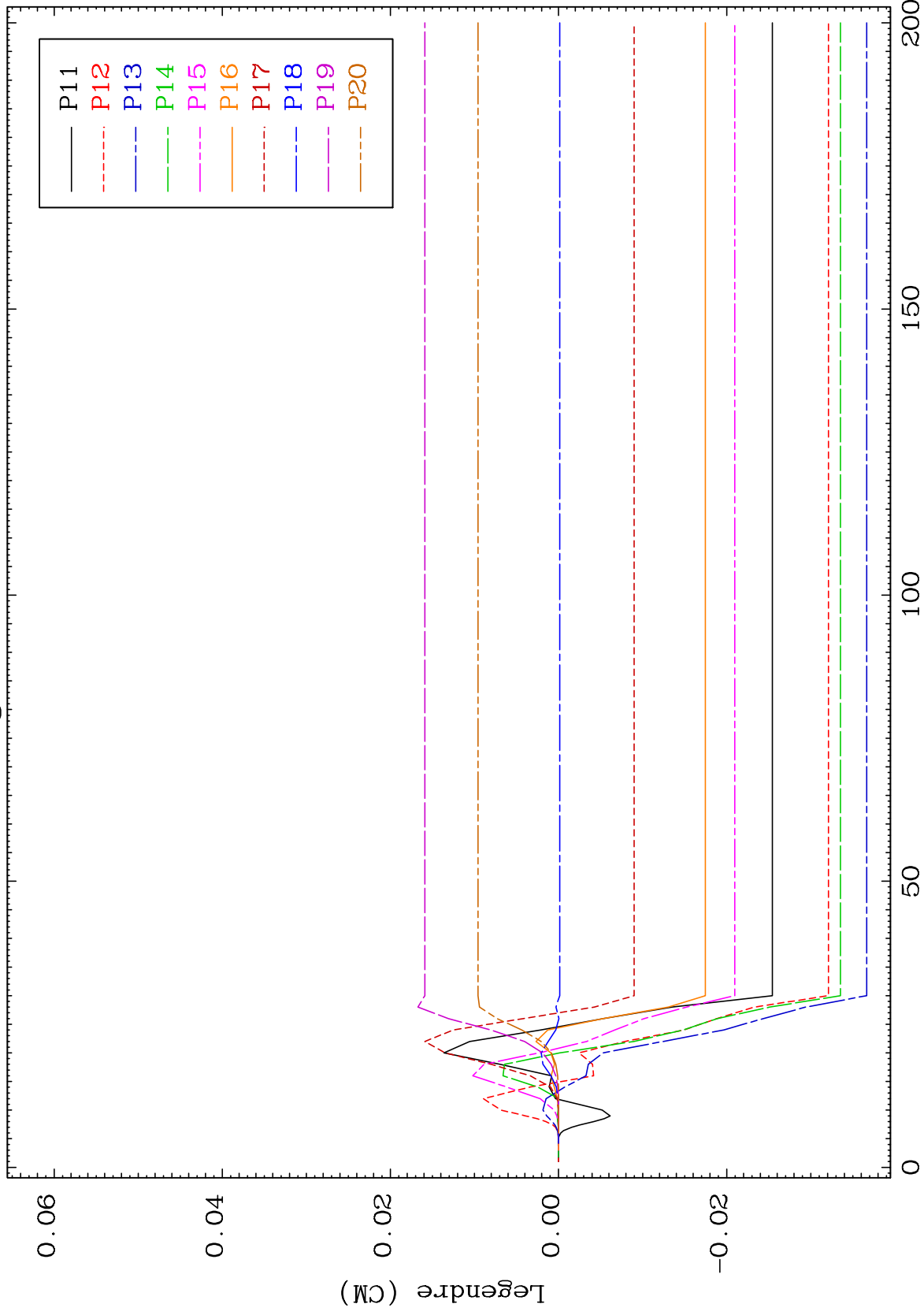


24

MAT 7689

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

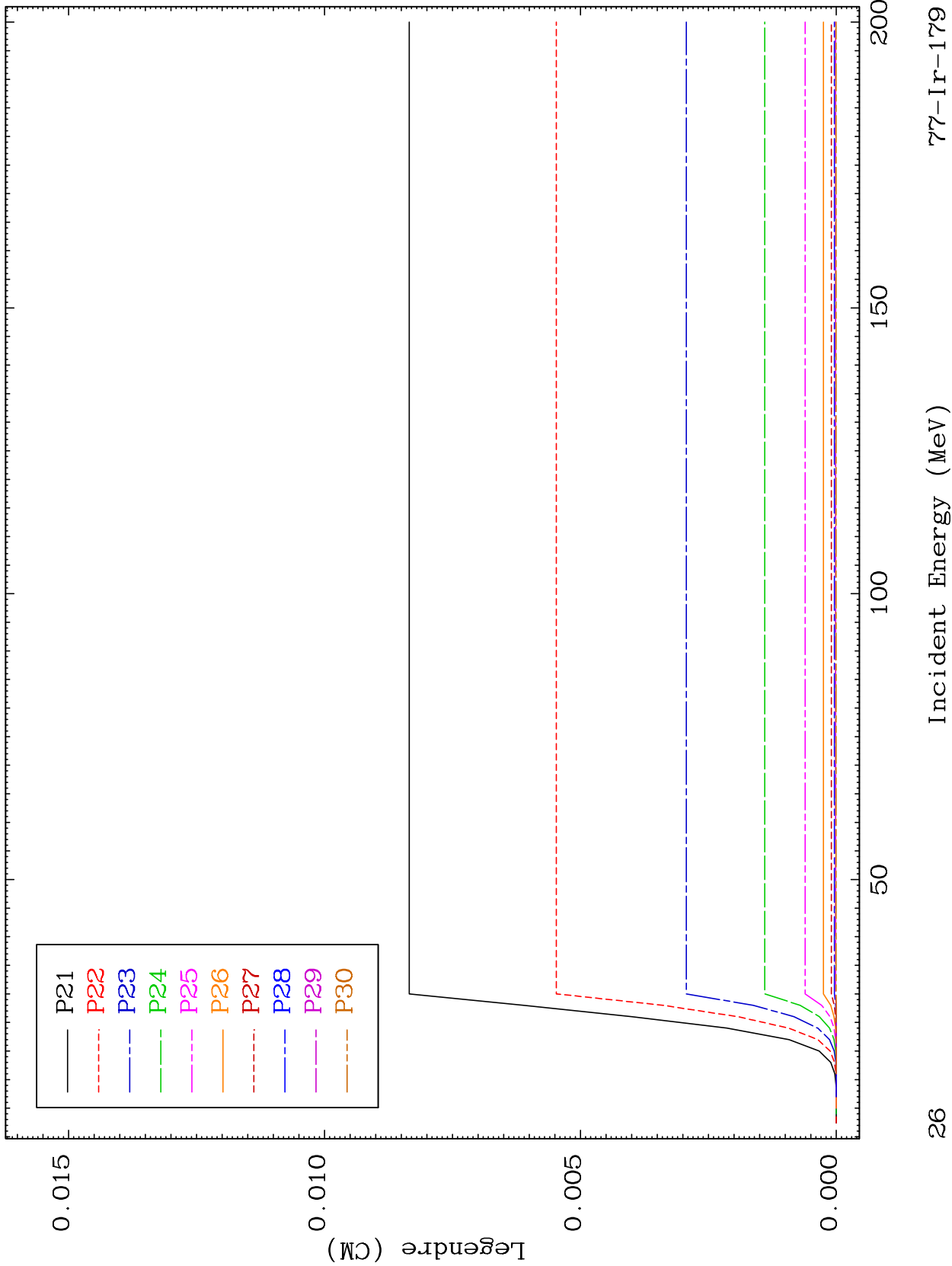
77-Ir-179



25

Incident Energy (MeV)

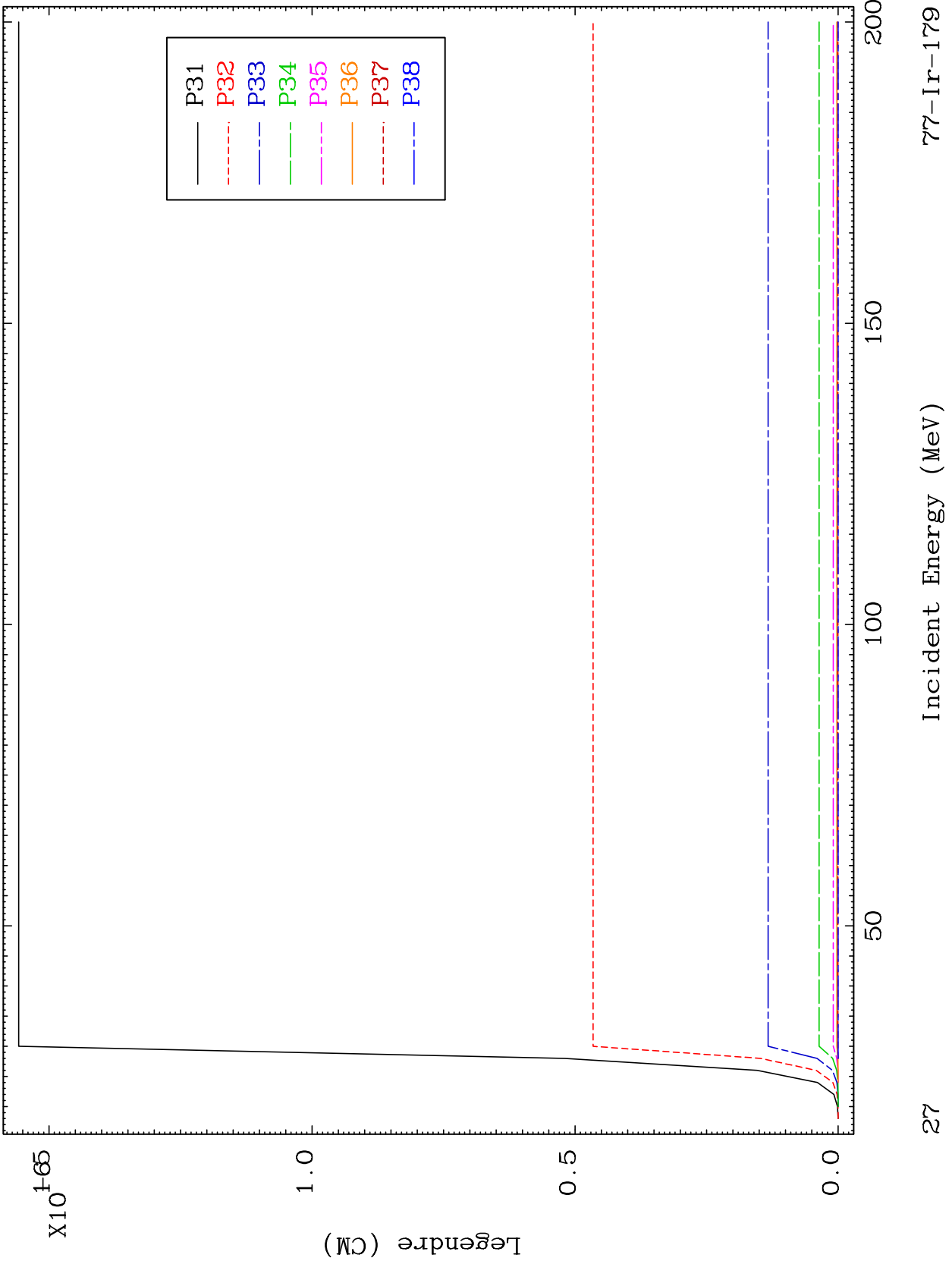
77-Ir-179



MAT 7689

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

77-Ir-179



27

Incident Energy (MeV)

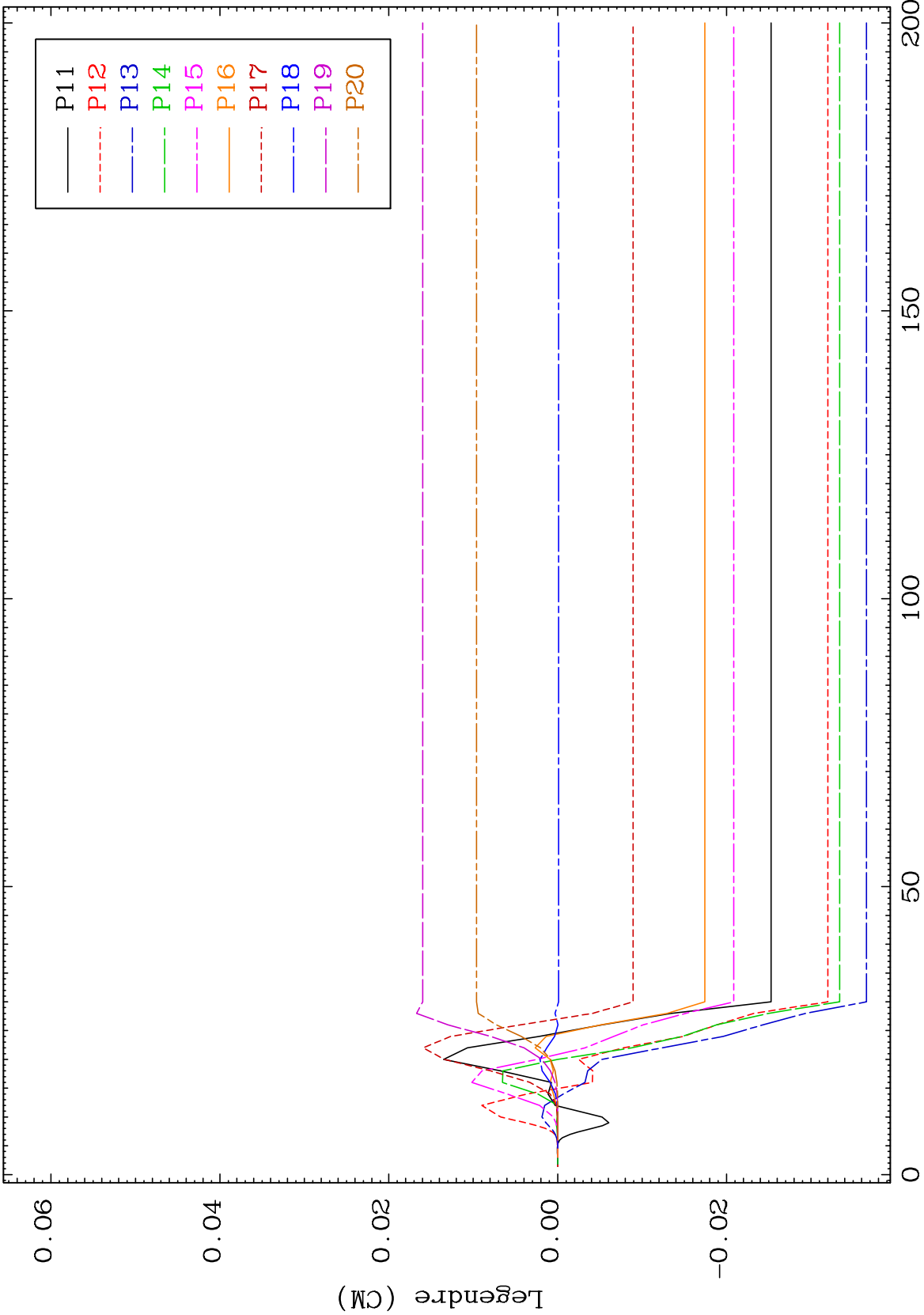
77-Ir-179



MAT 7689

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

77-Ir-179



29

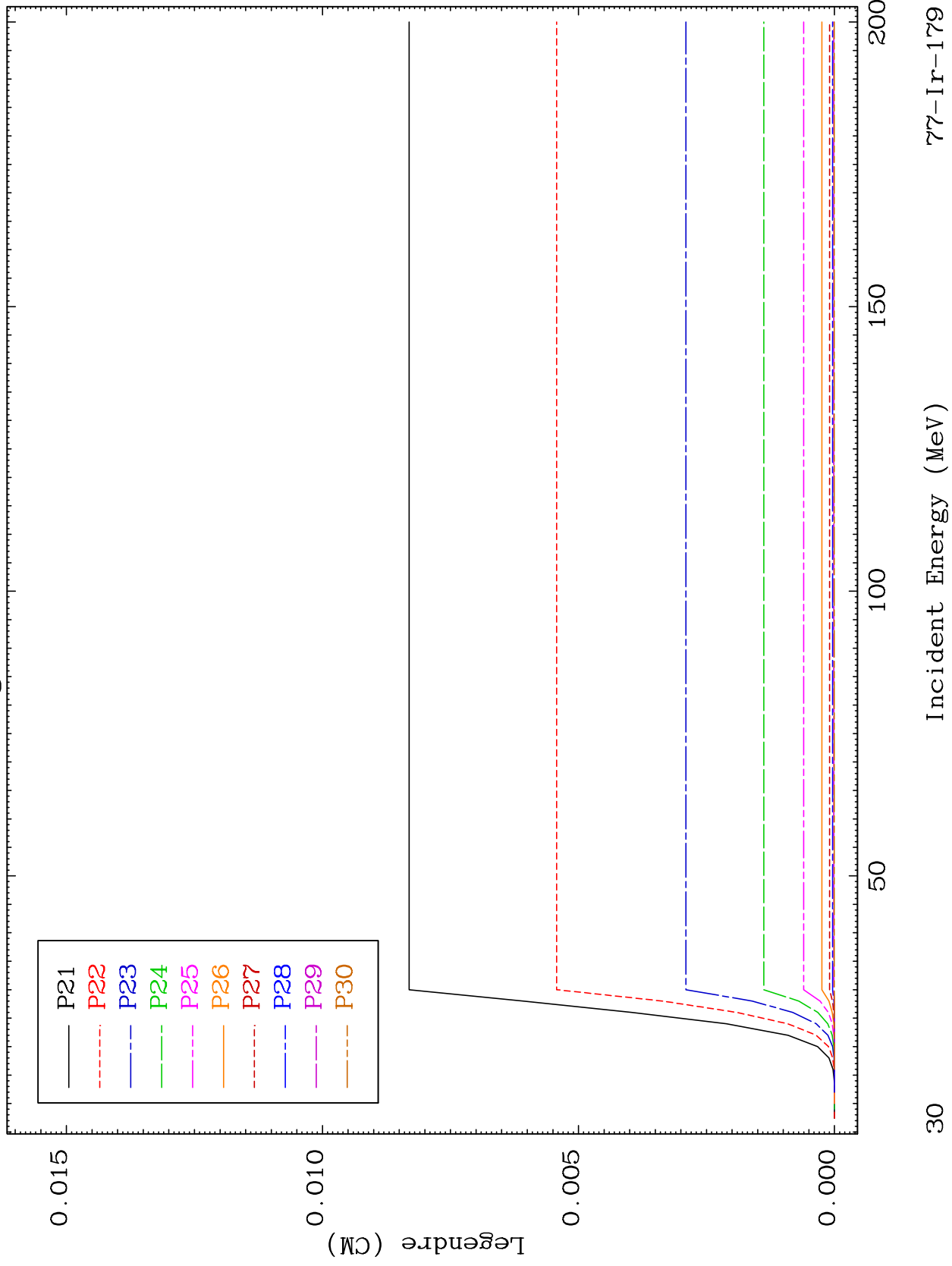
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



30

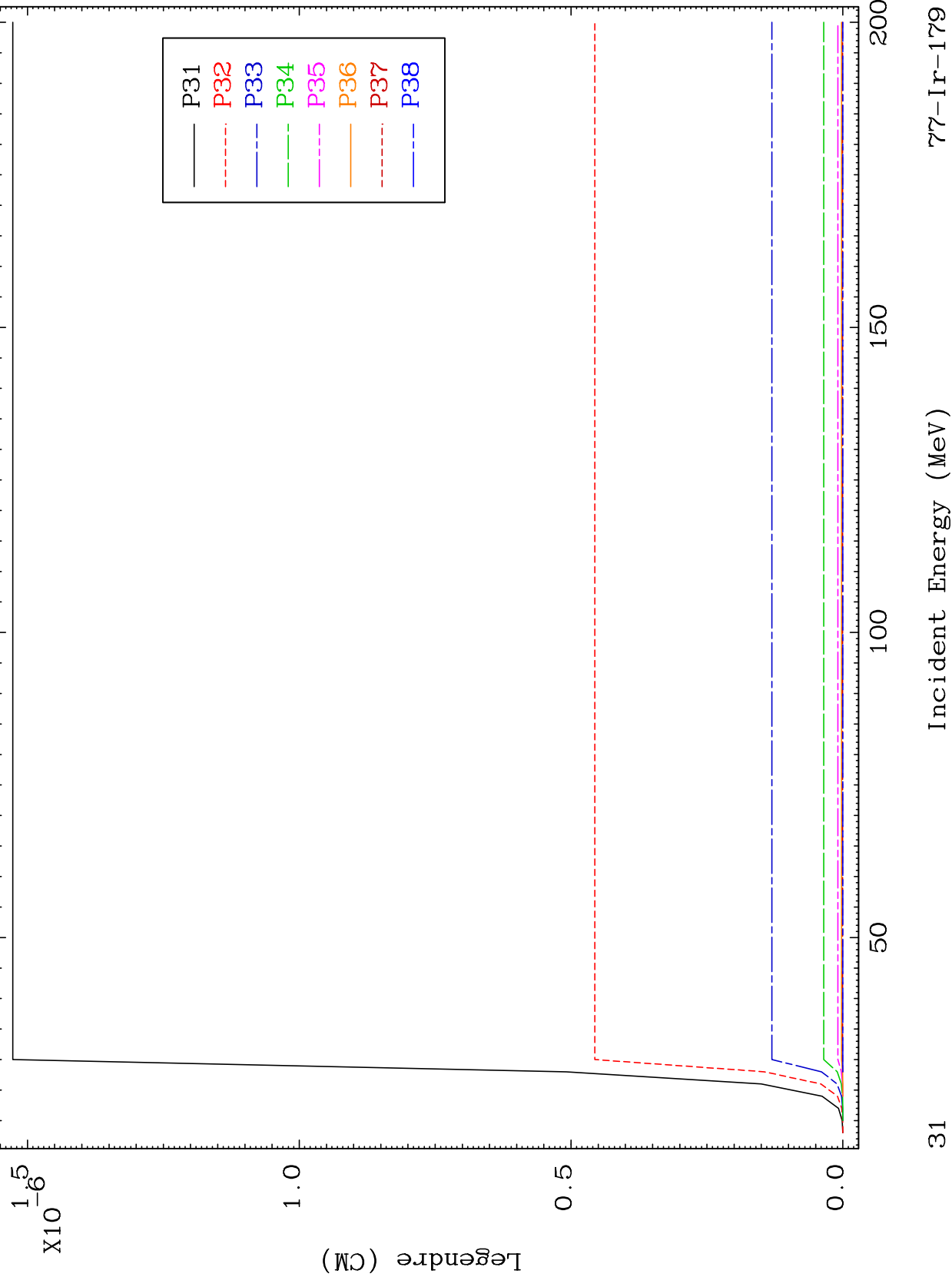
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



31

Incident Energy (MeV)

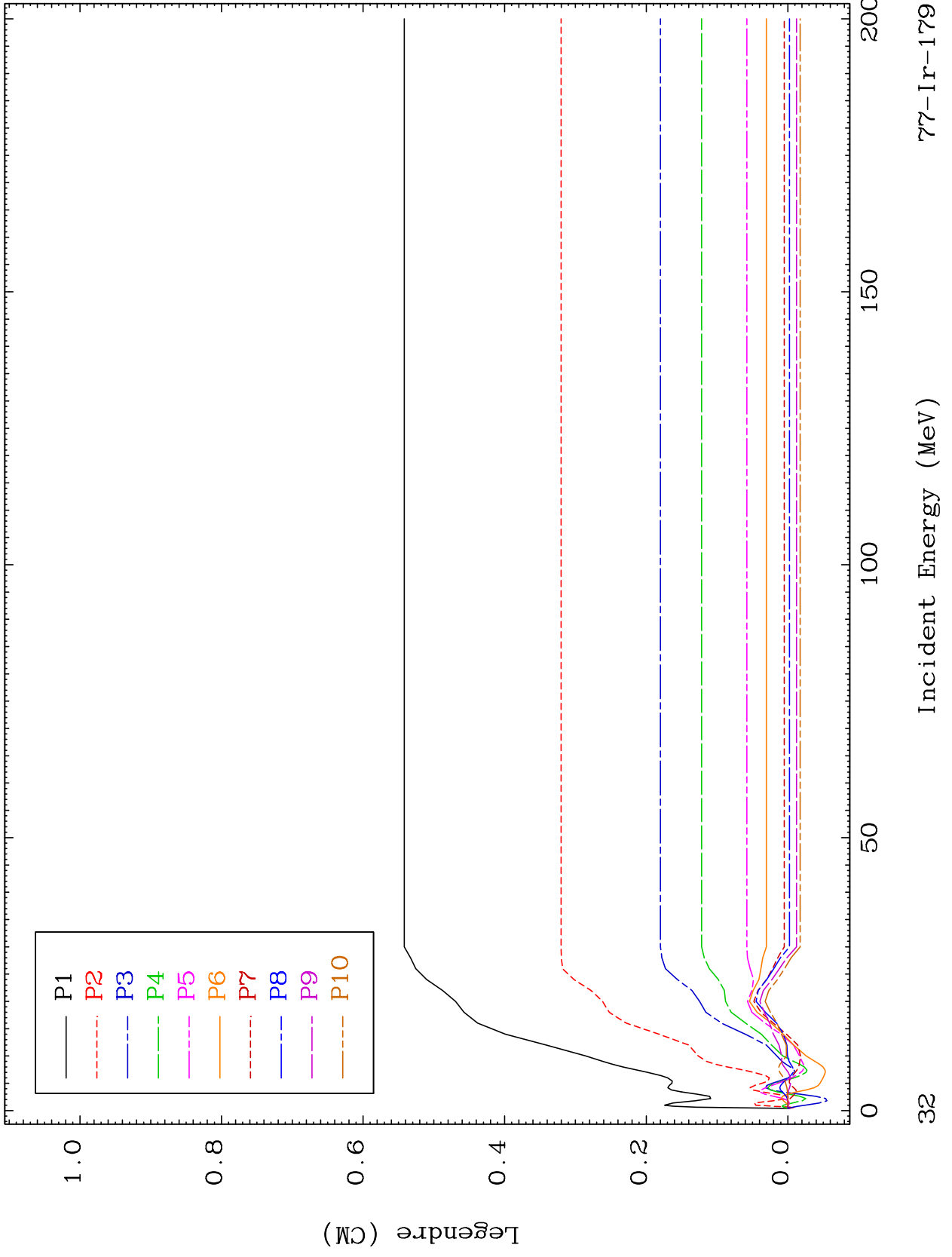
77-Ir-179



MAT 7689

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

77-Ir-179

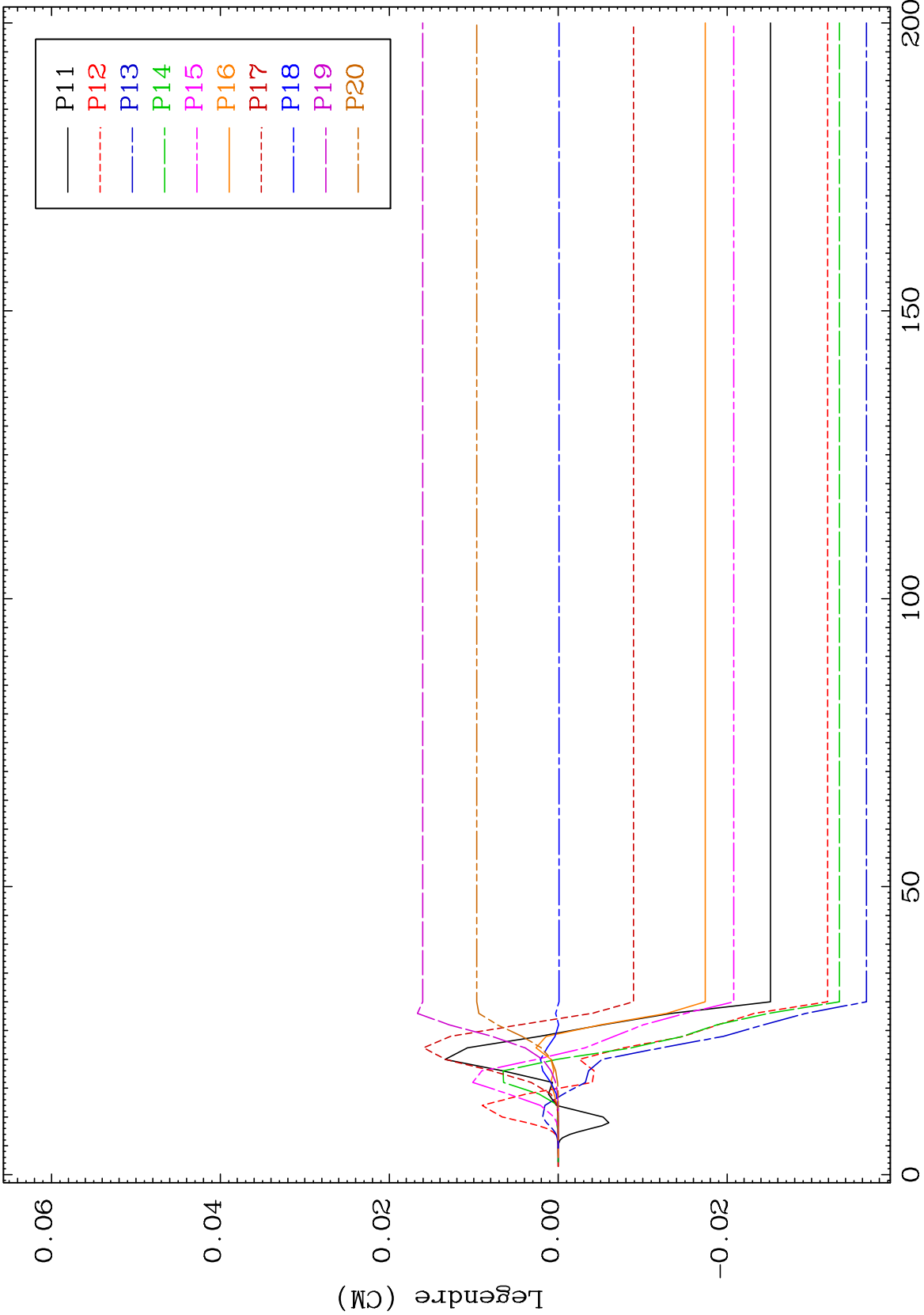


32

MAT 7689

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

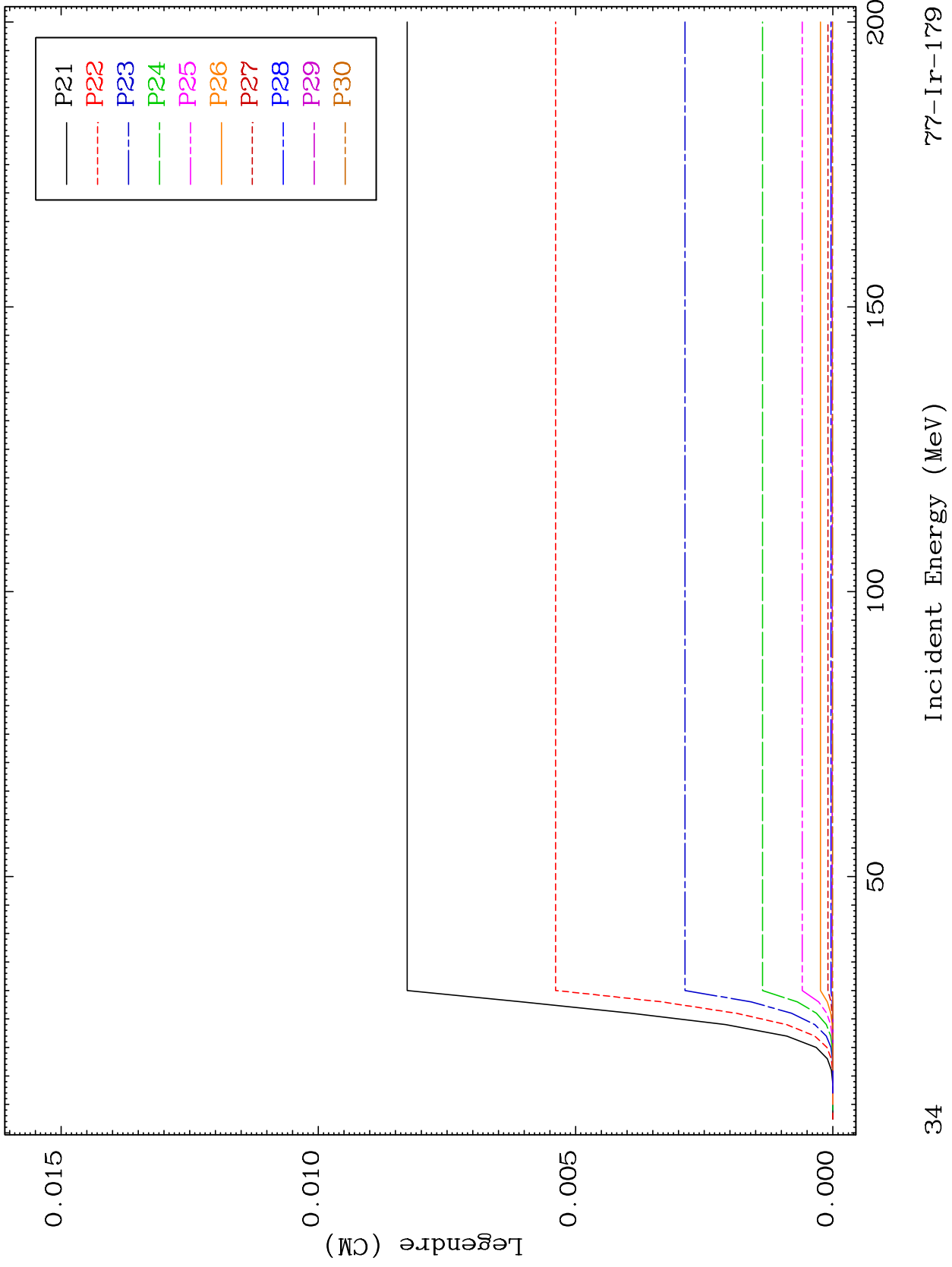
77-Ir-179



MAT 7689

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

77-Ir-179



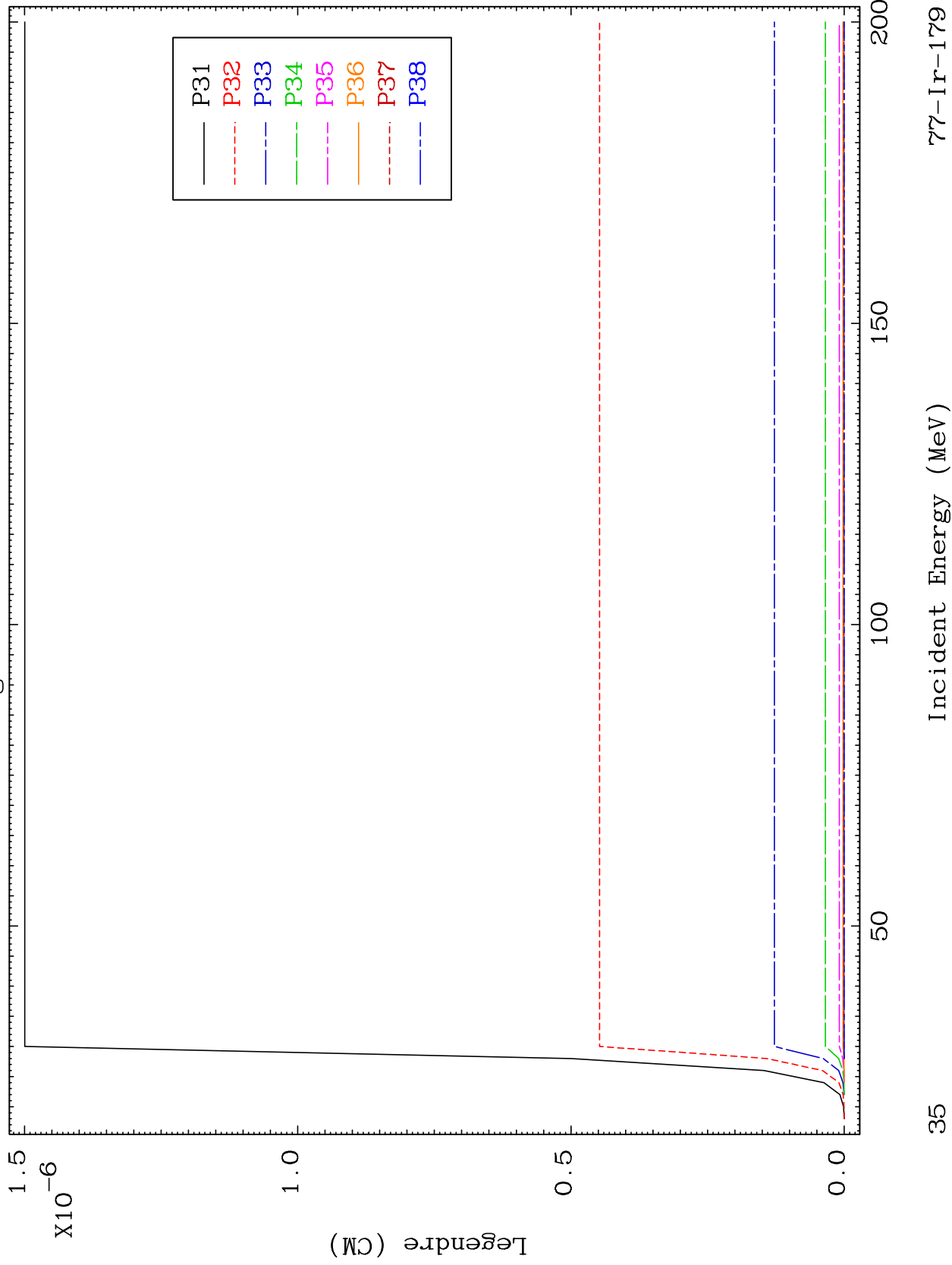
34

77-Ir-179

MAT 7689

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

77-Ir-179



35

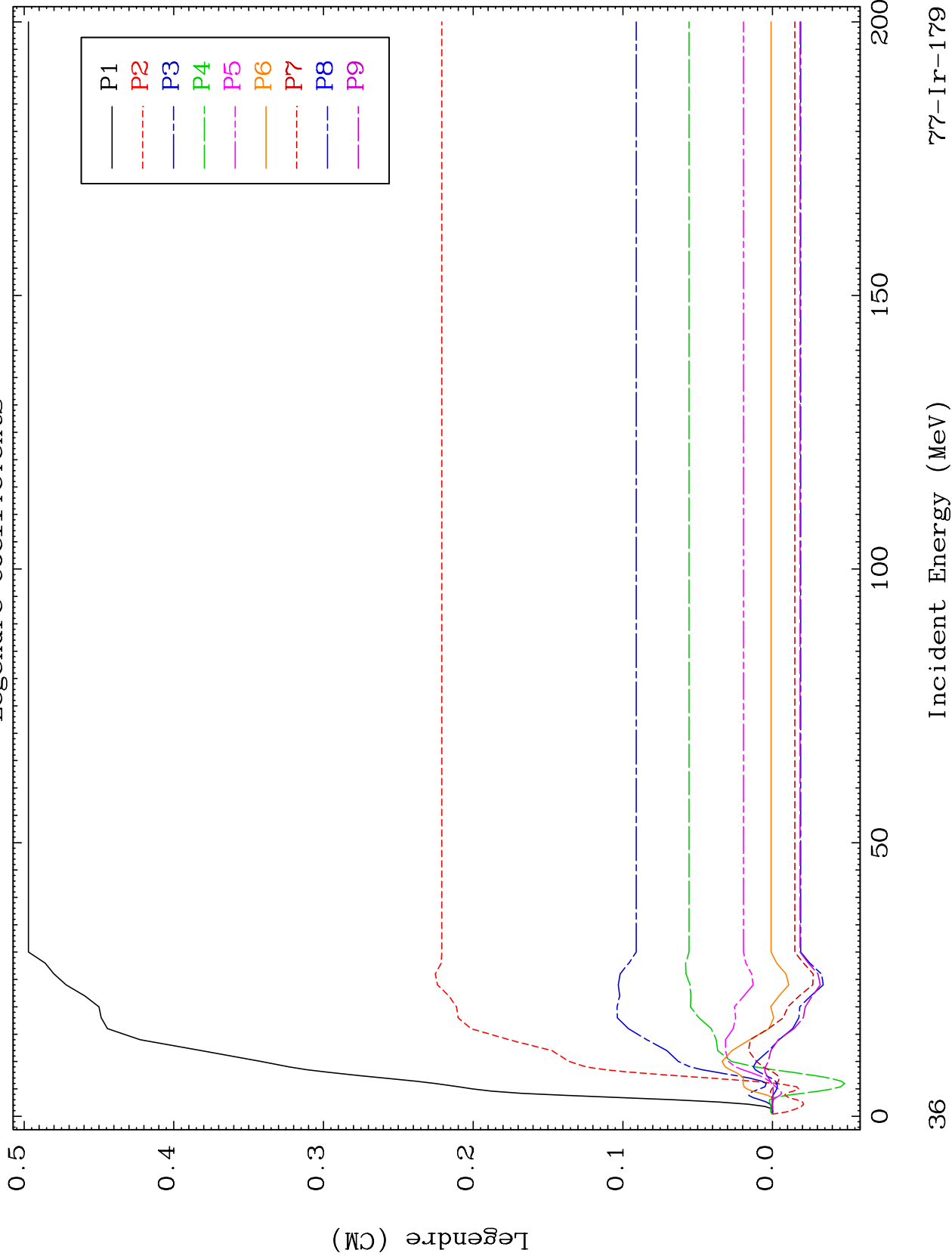
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



36

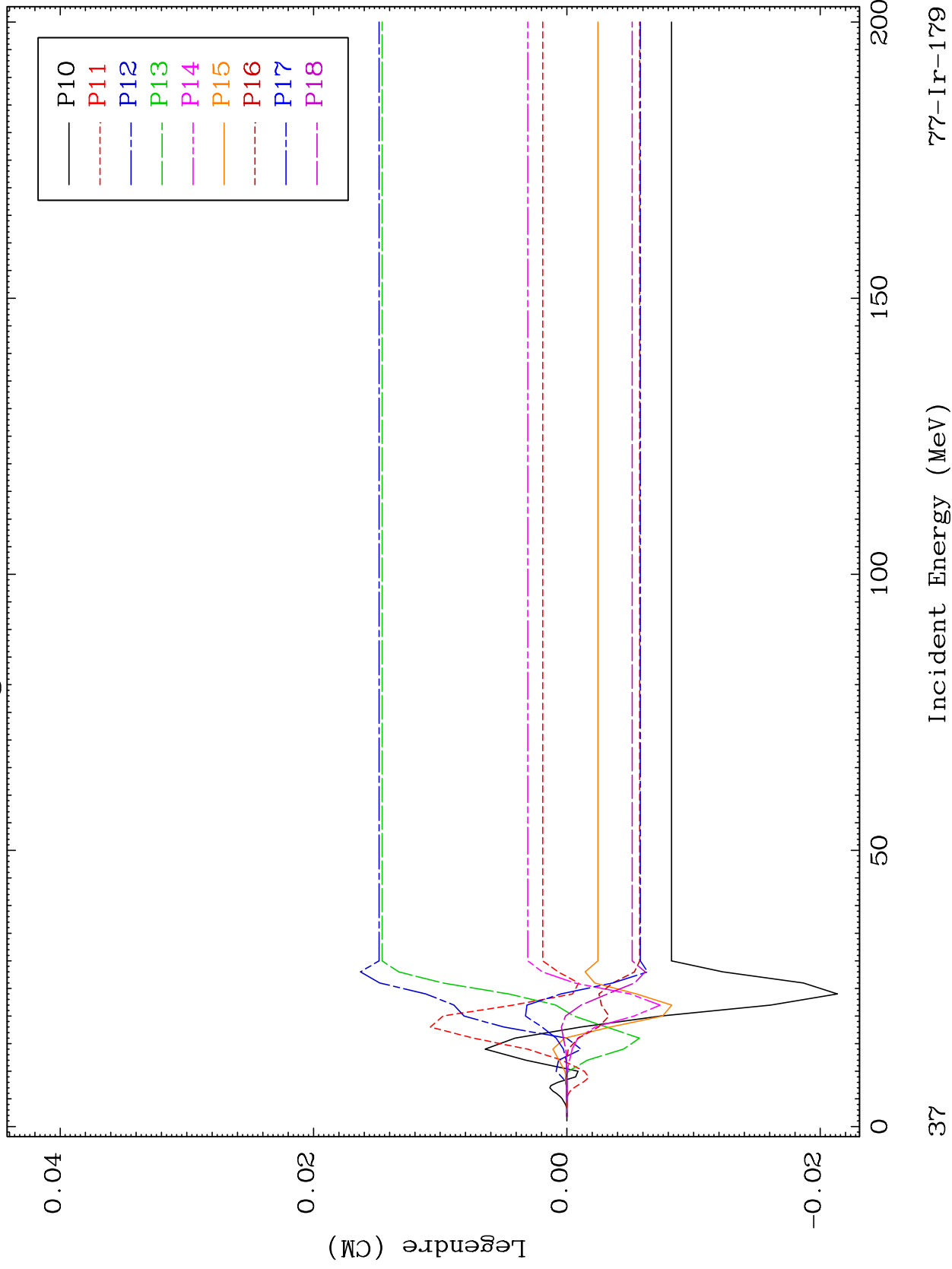
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

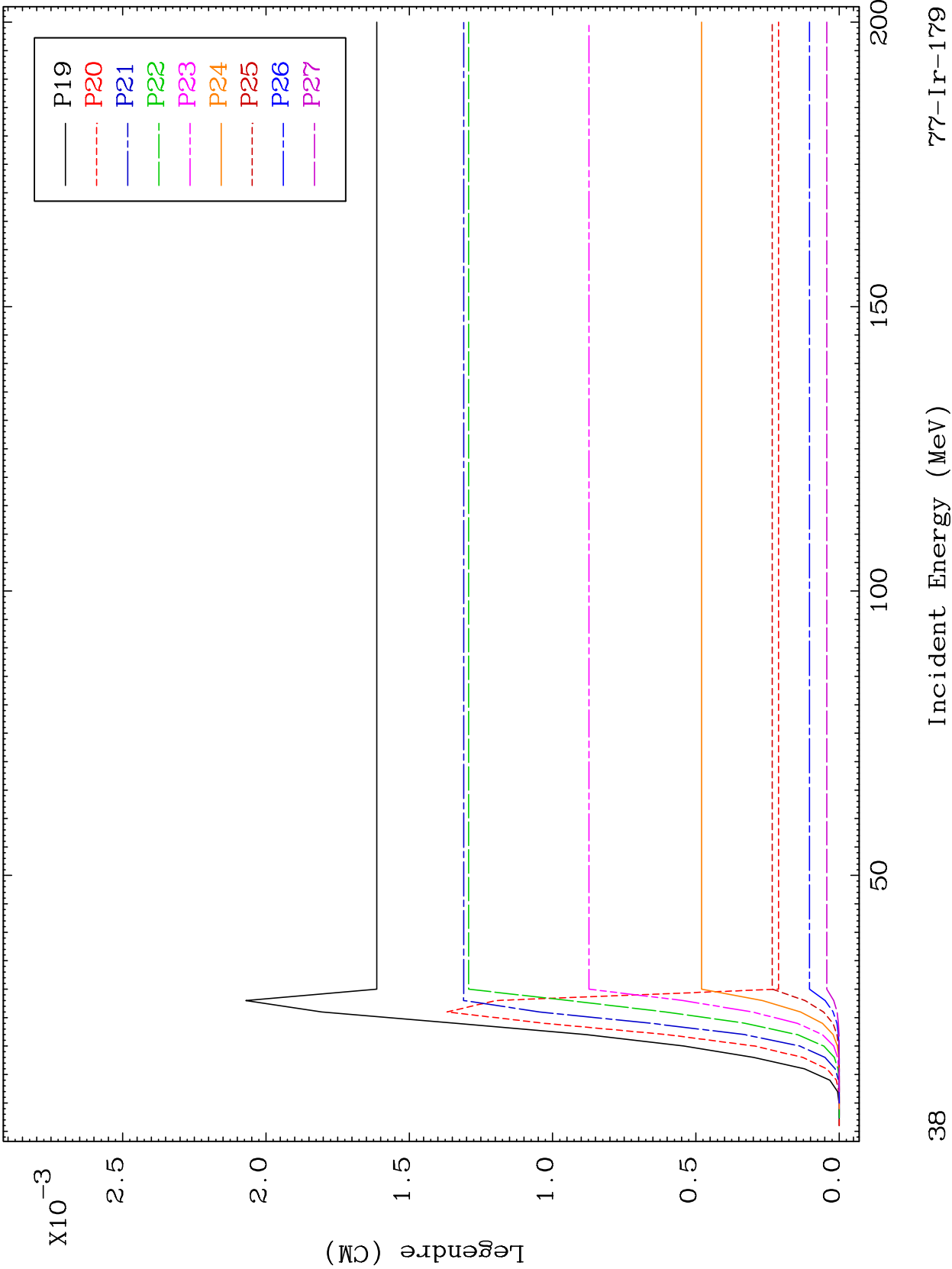
77-Ir-179



77-Ir-179

Incident Energy (MeV)

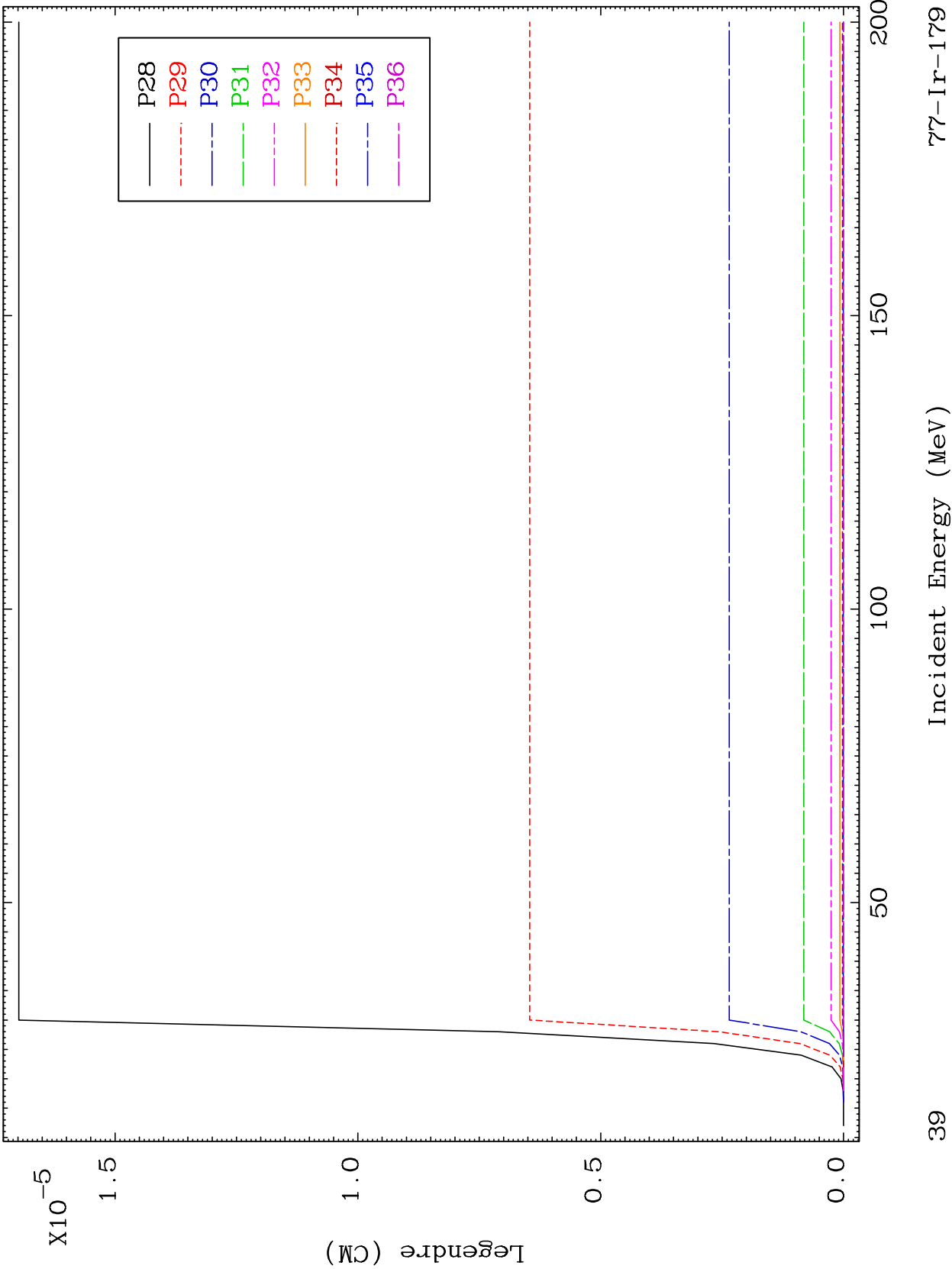
37



MAT 7689

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

77-Ir-179



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Incident Energy (MeV)

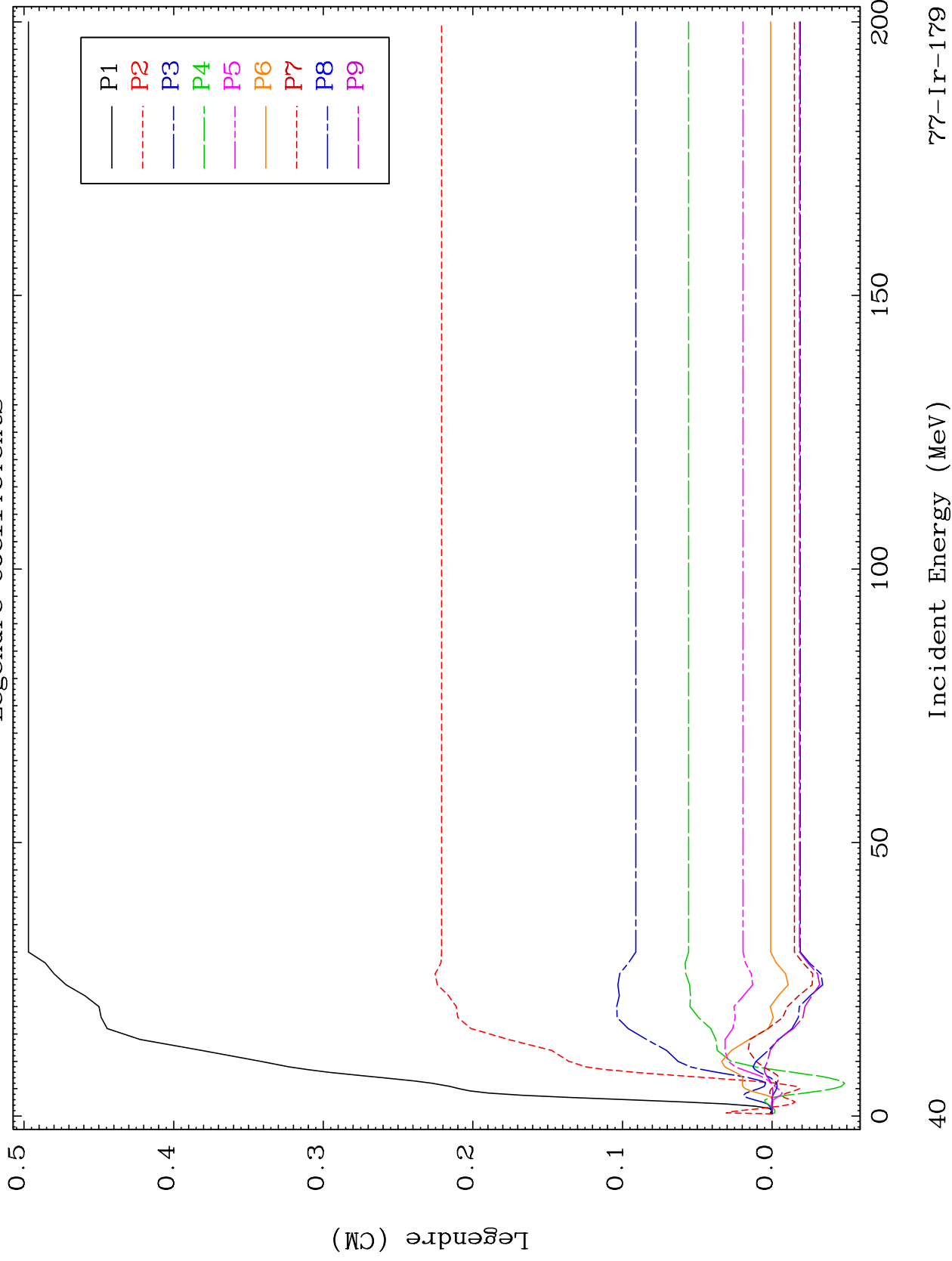
77-Ir-179



MAT 7689

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

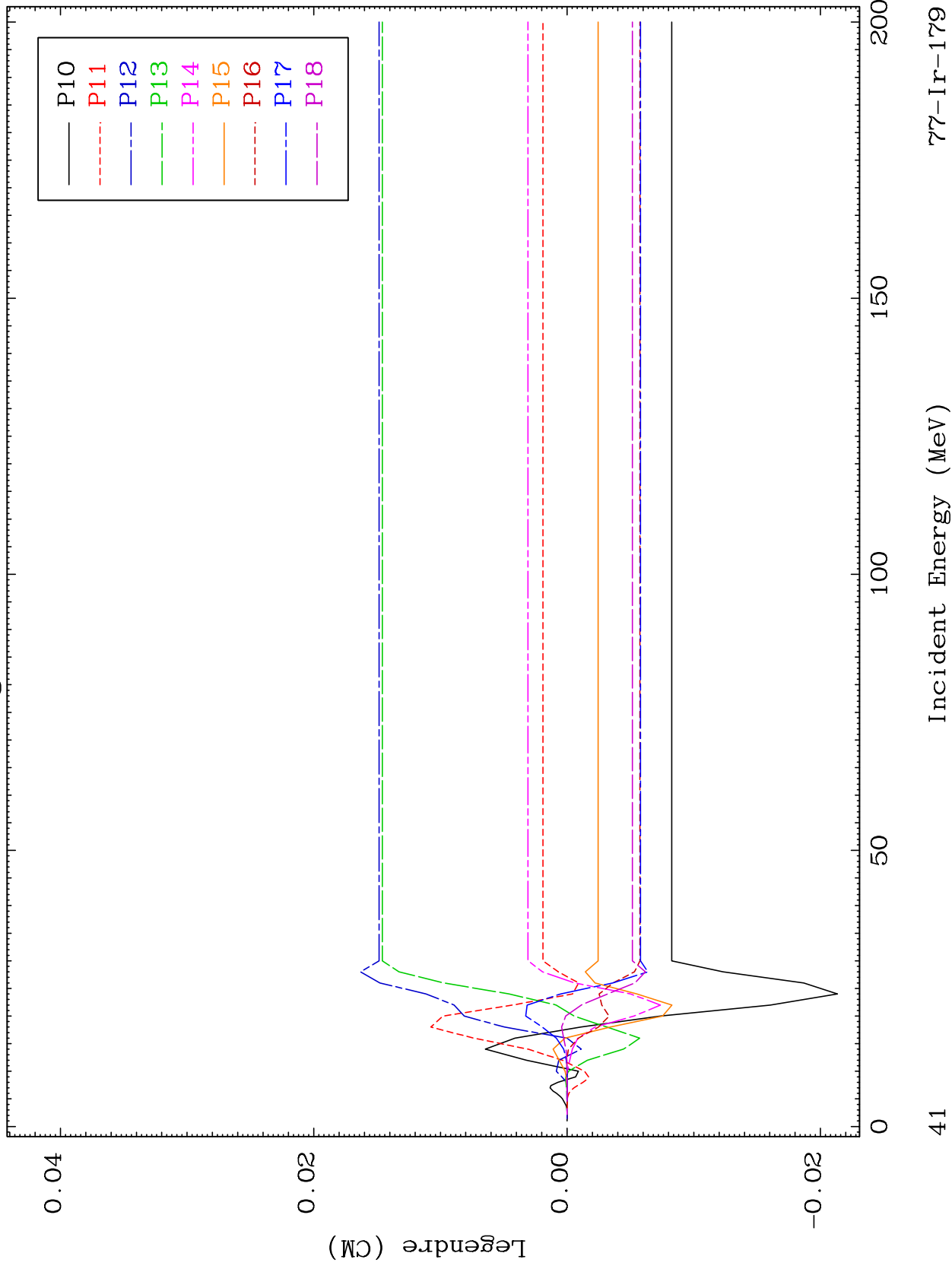
<sup>77</sup>Ir-179



MAT 7689

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

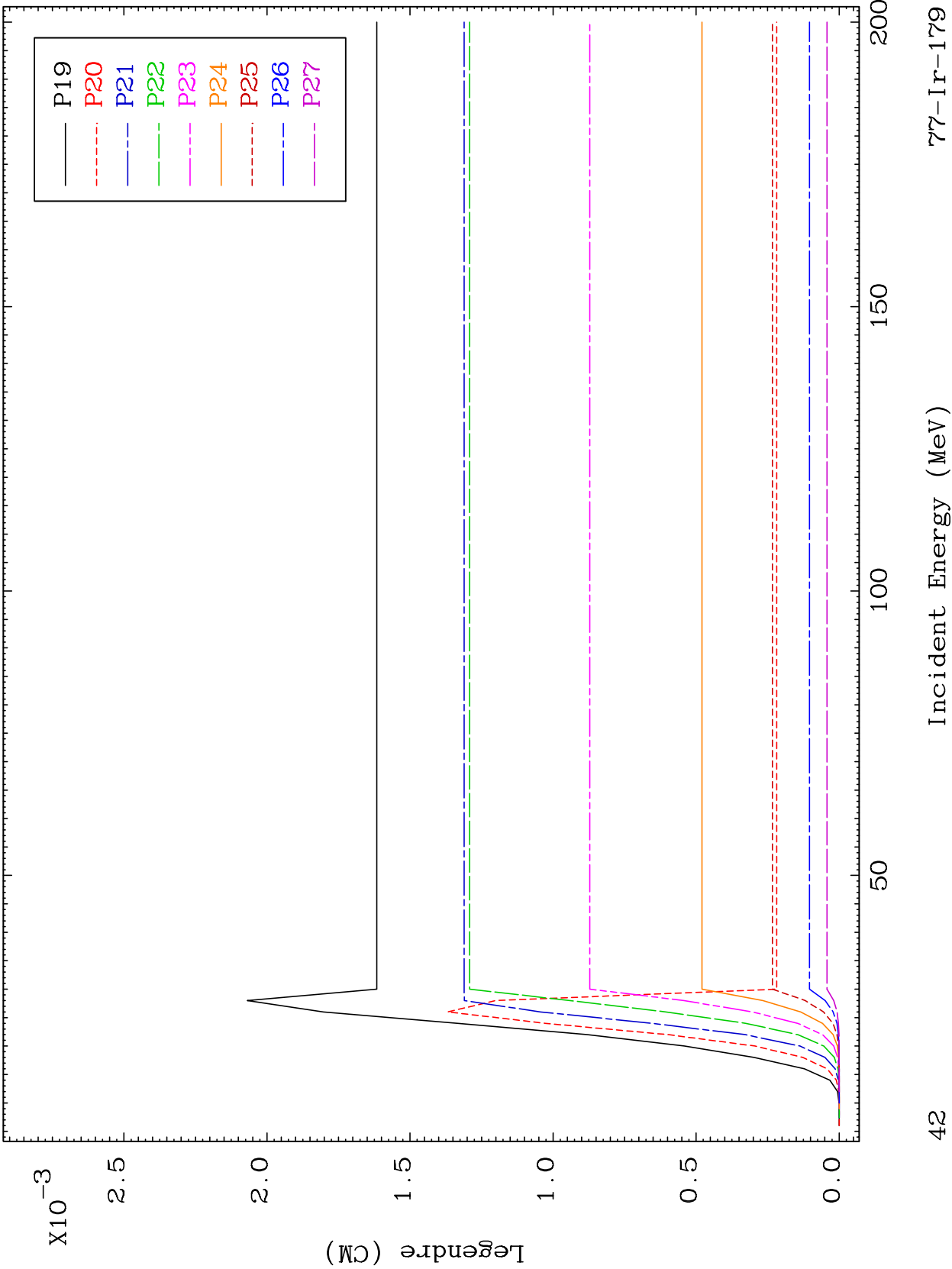
77-Ir-179



41

Incident Energy (MeV)

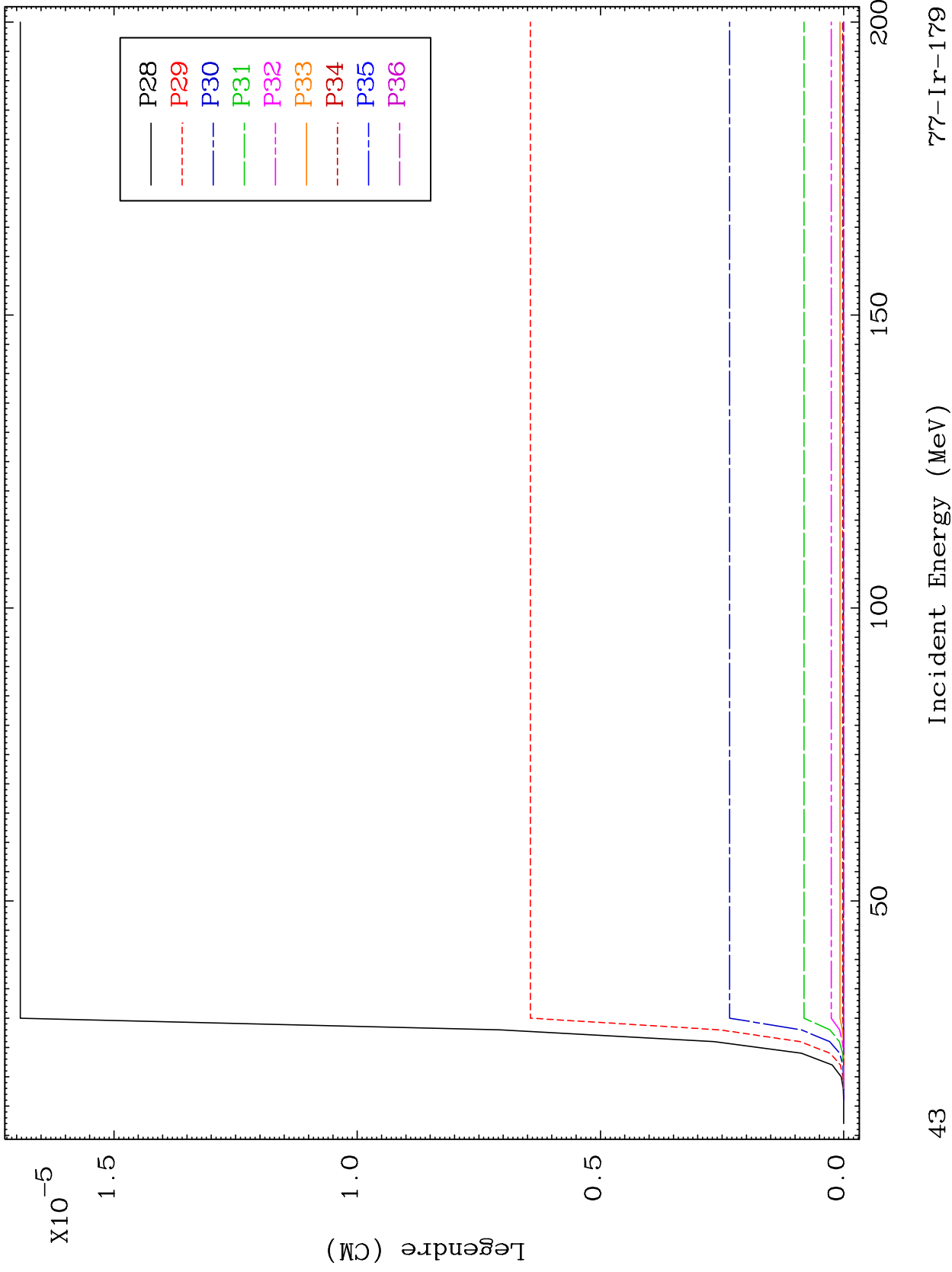
77-Ir-179



MAT 7689

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

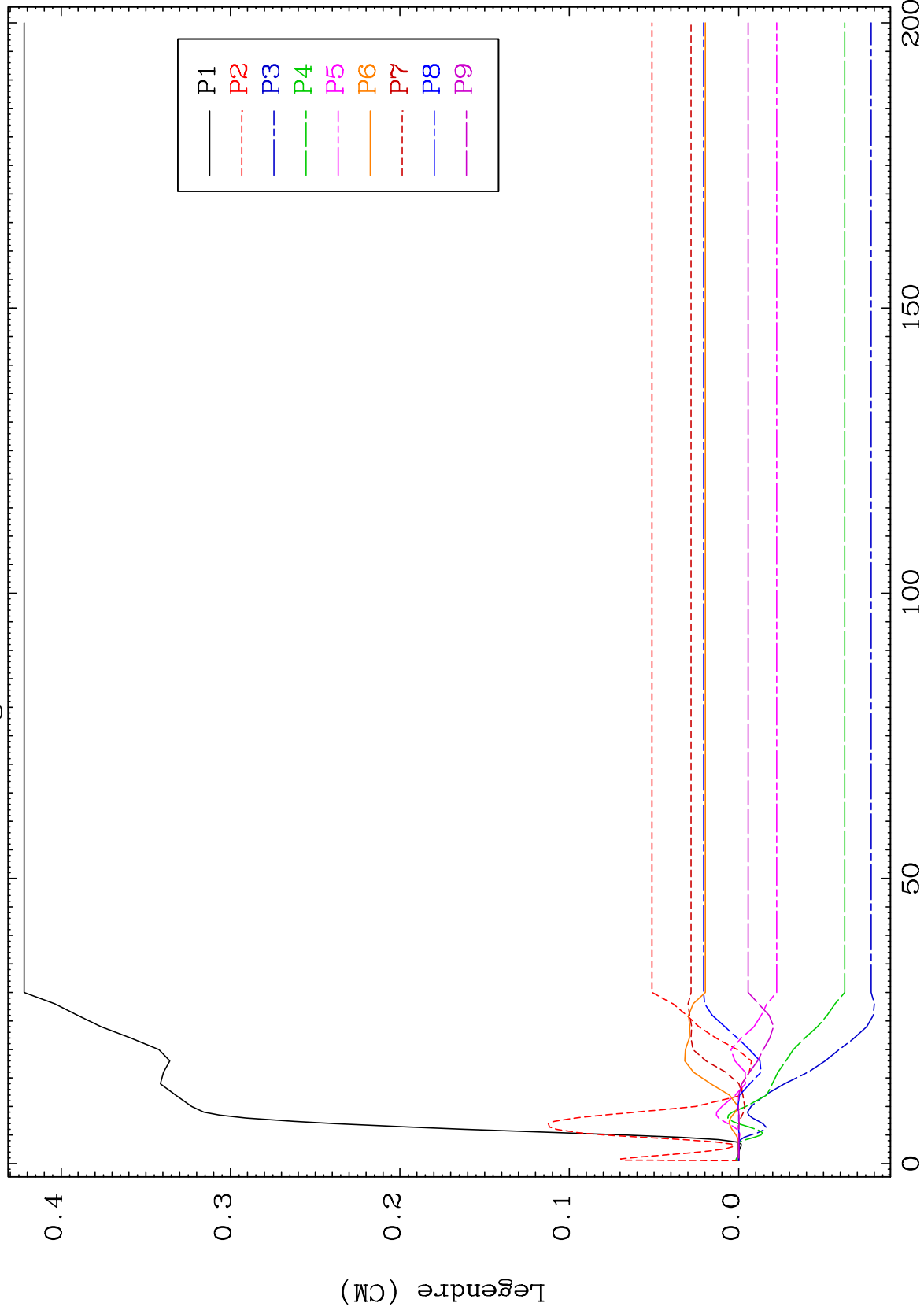
77-Ir-179



MAT 7689

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

77-Ir-179



44

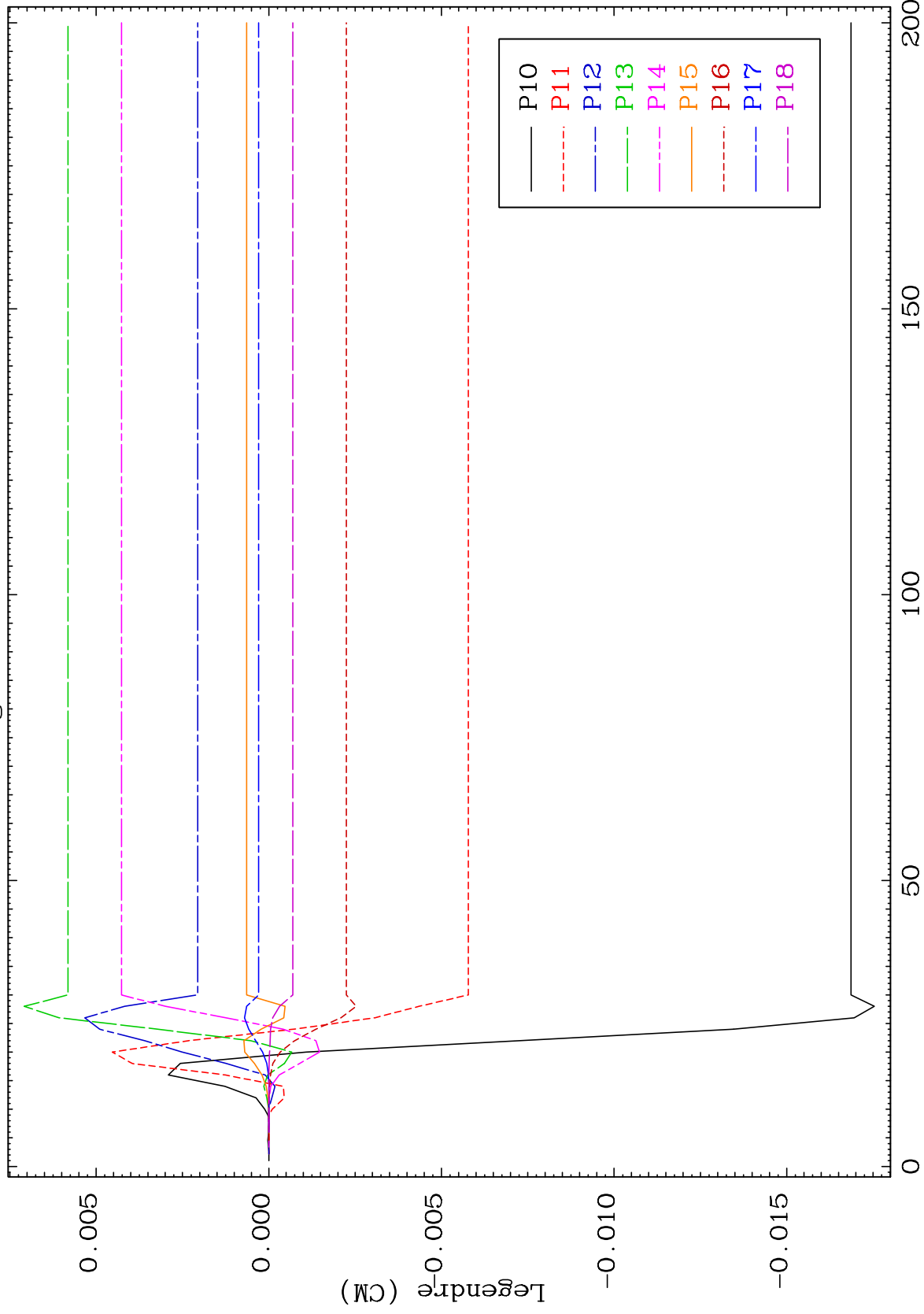
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



45

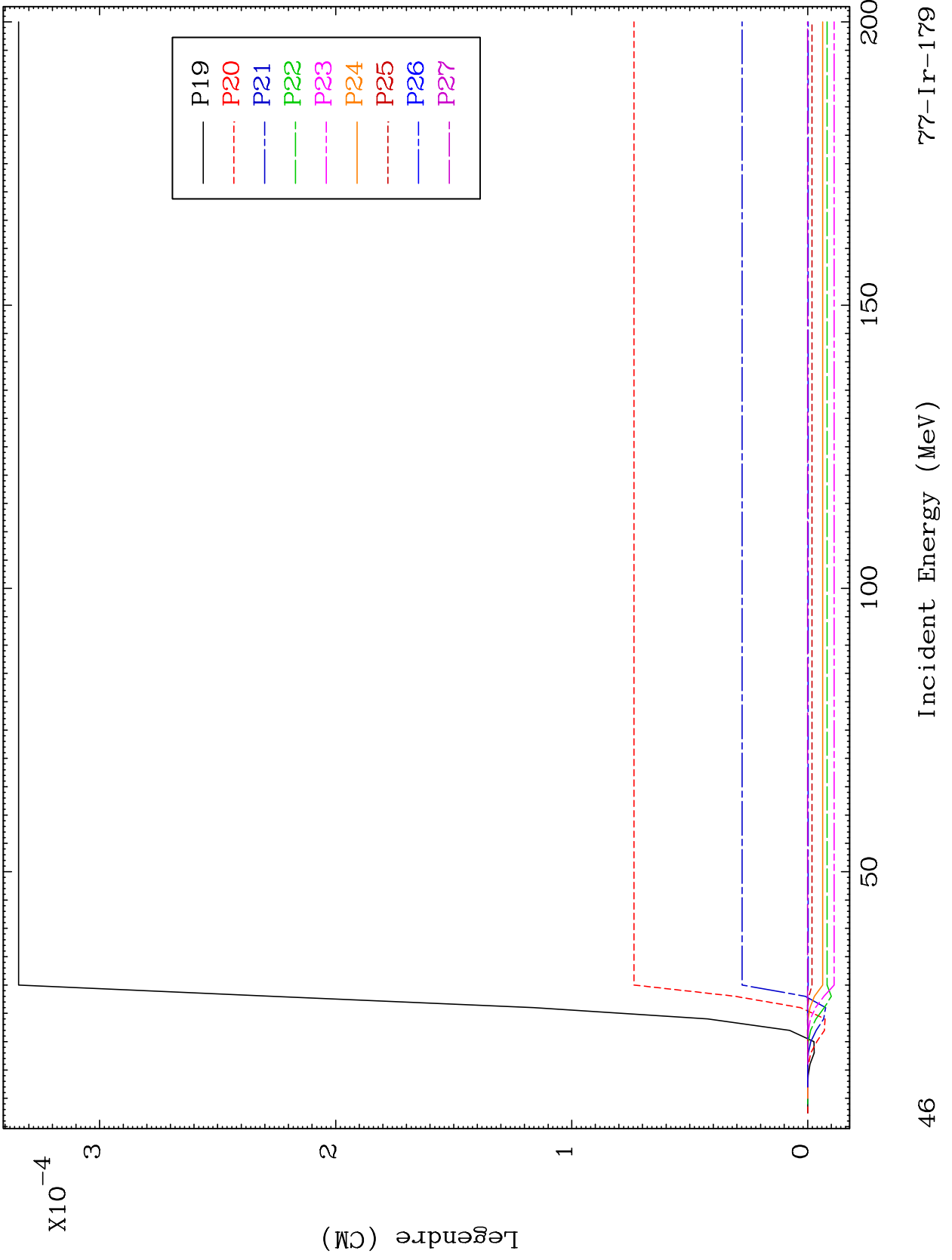
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



46

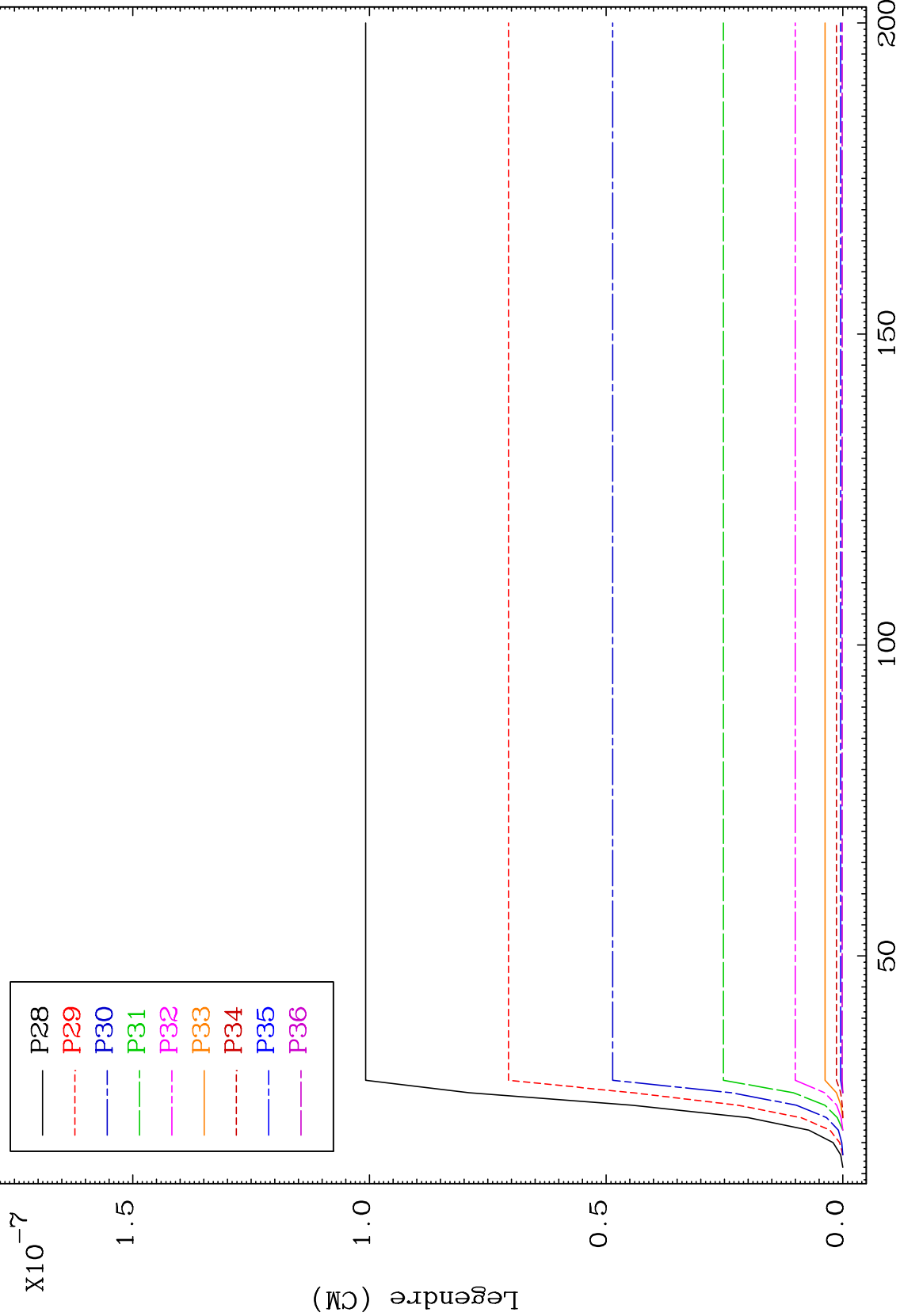
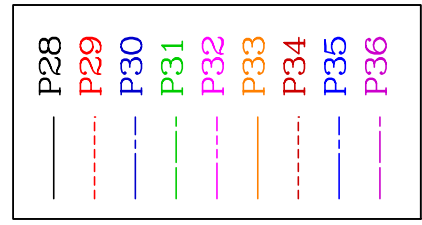
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



47

Incident Energy (MeV)

77-Ir-179

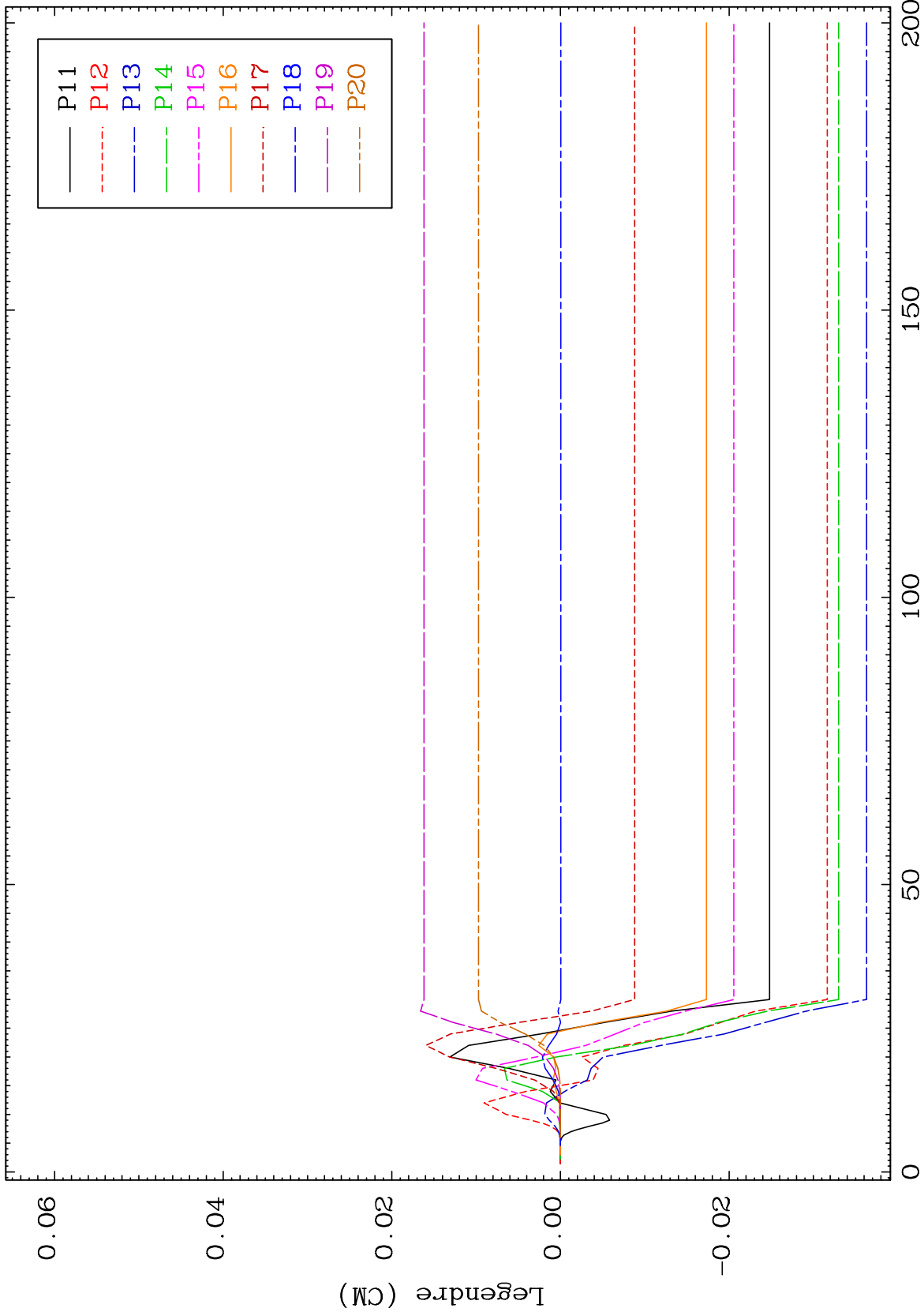




MAT 7689

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

77-Ir-179



49

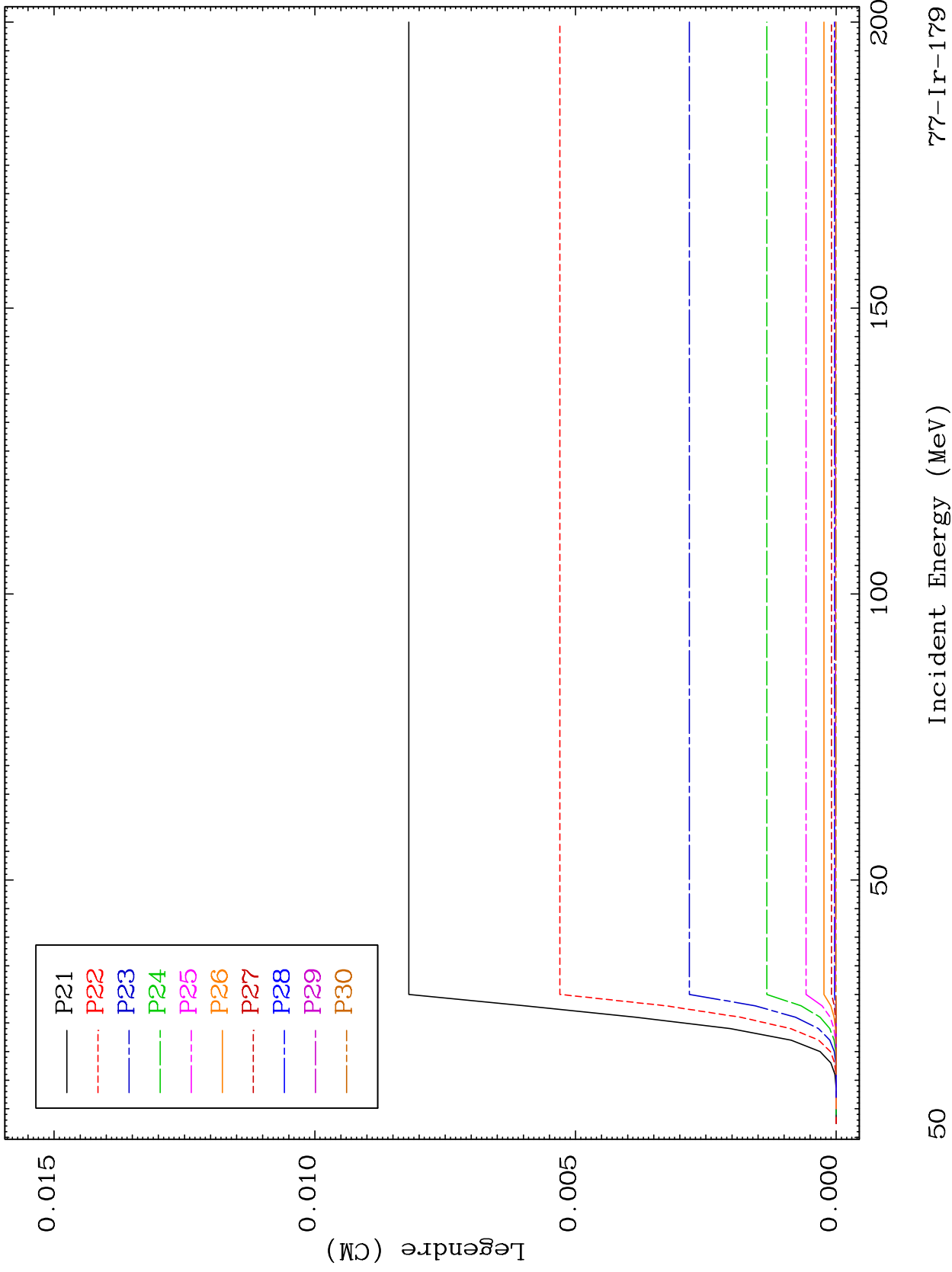
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

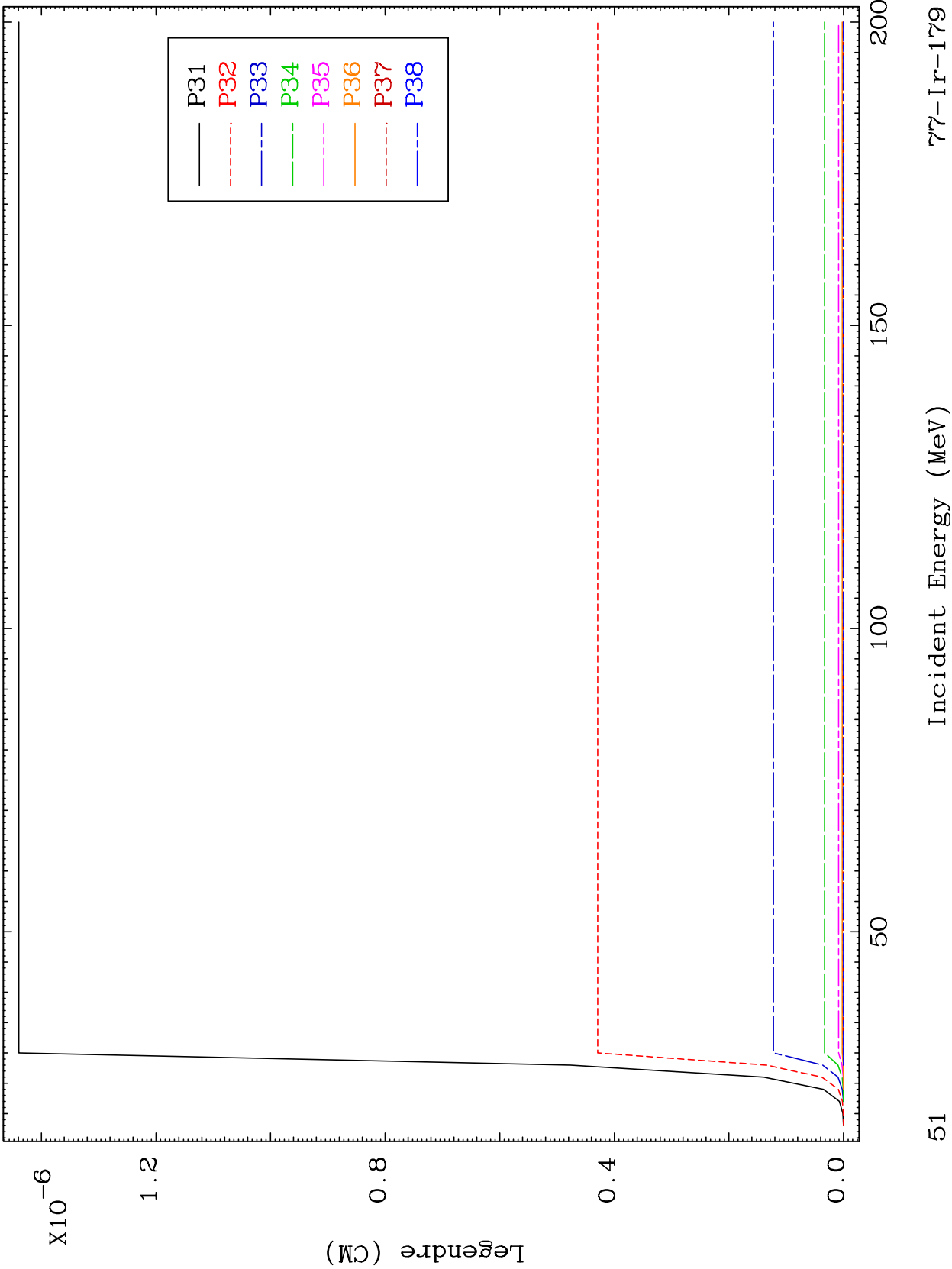
Incident Energy (MeV)

50

MAT 7689

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

77-Ir-179



51

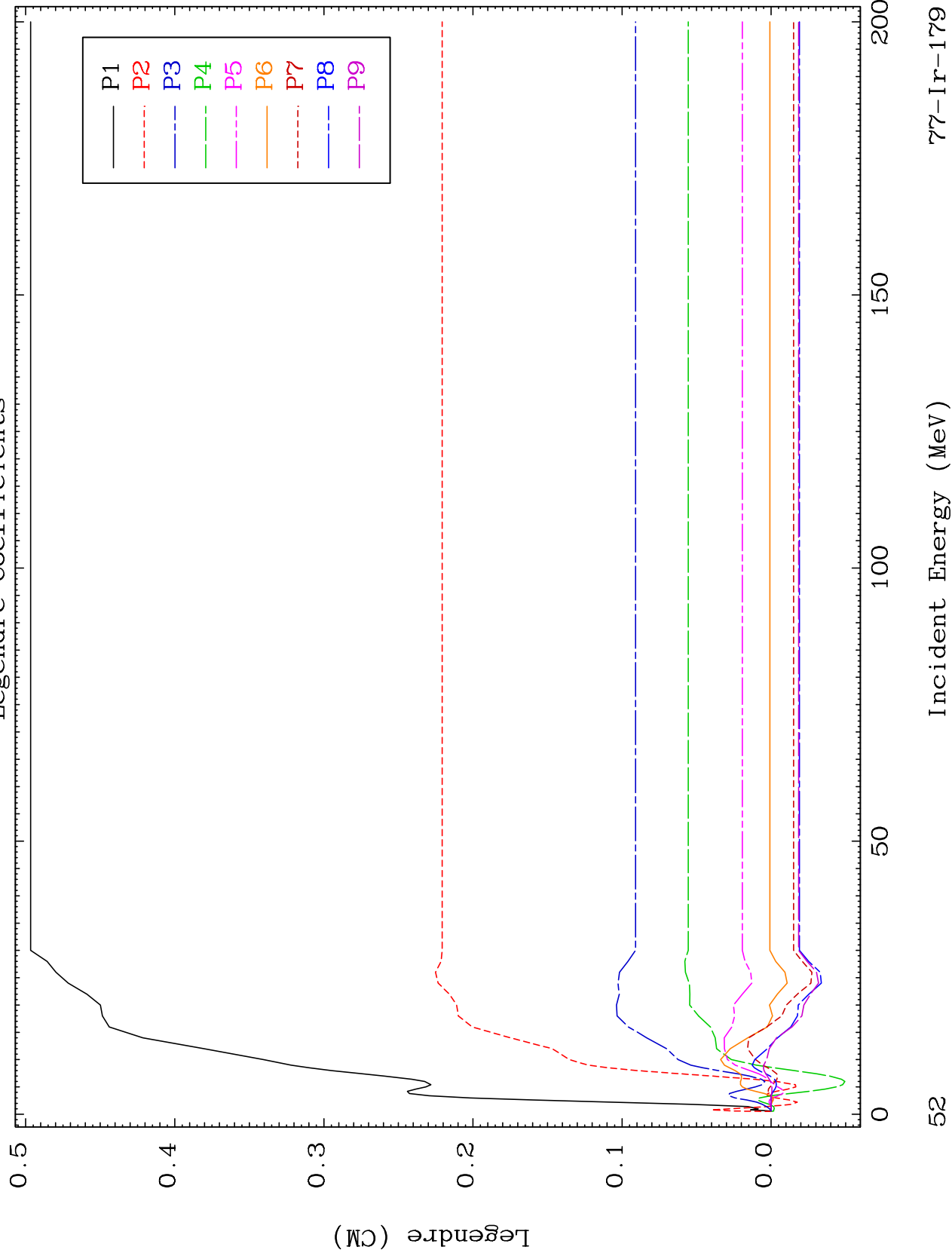
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



52

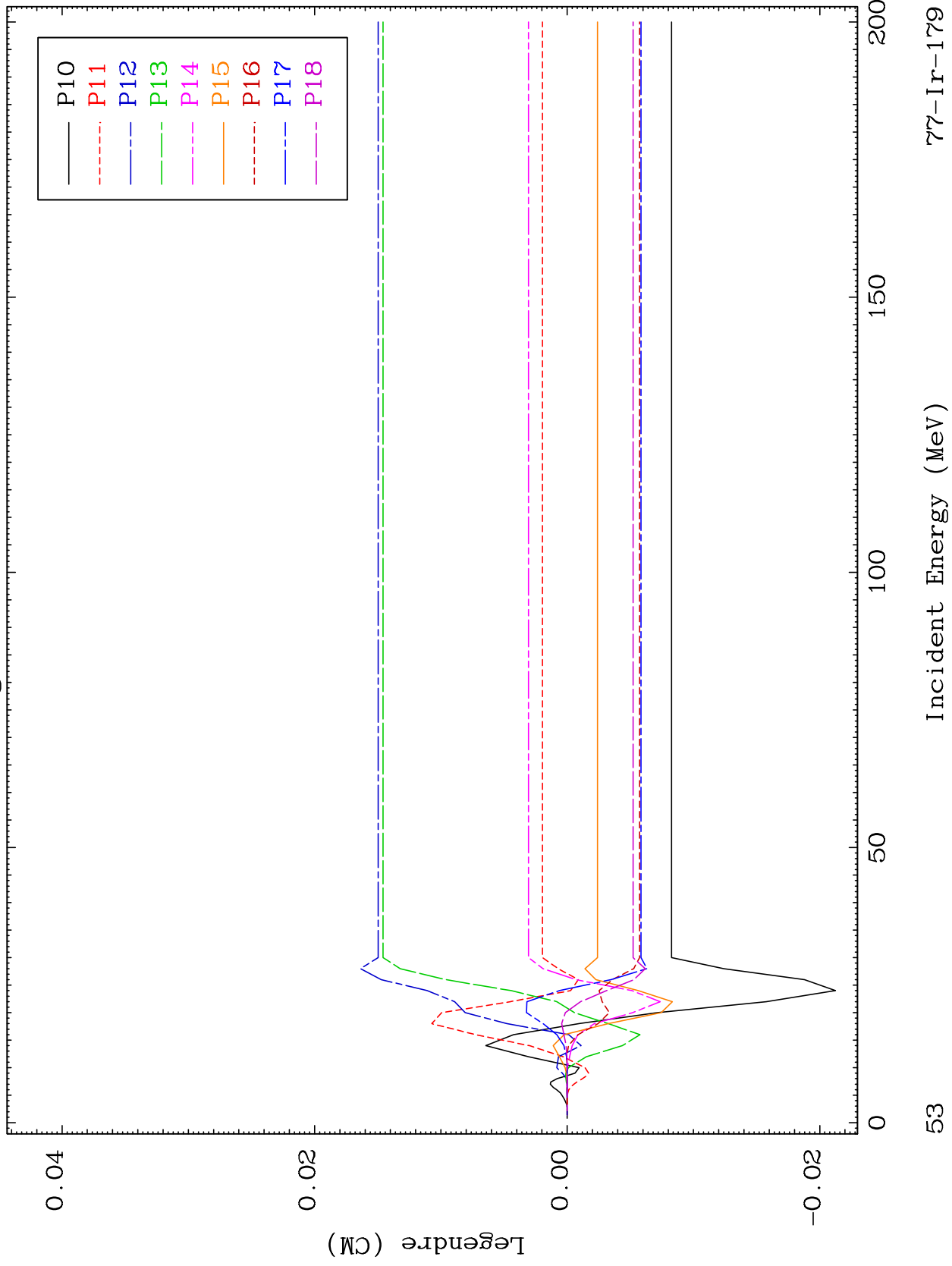
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

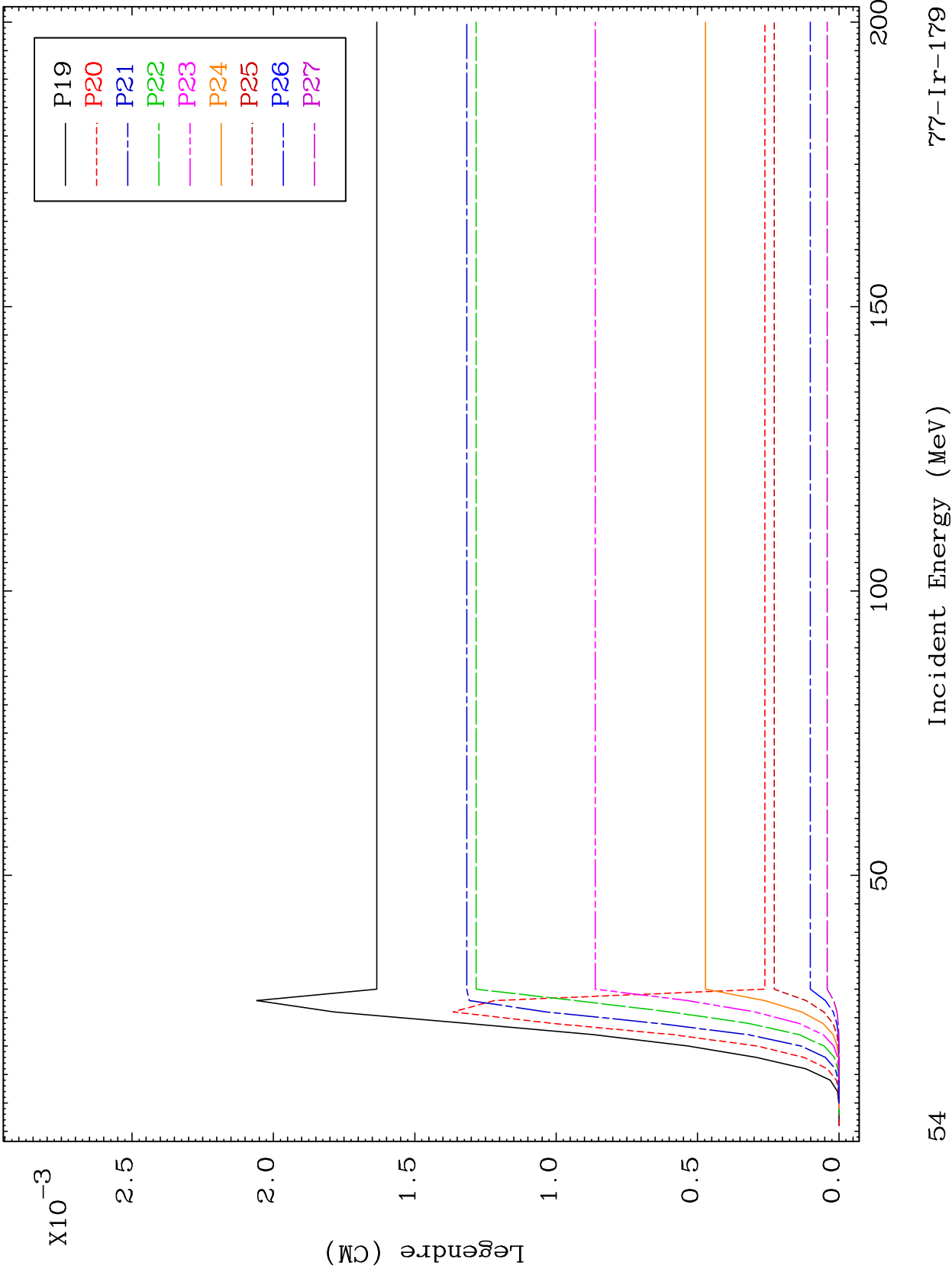
Incident Energy (MeV)

53

MAT 7689

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

77-Ir-179



54

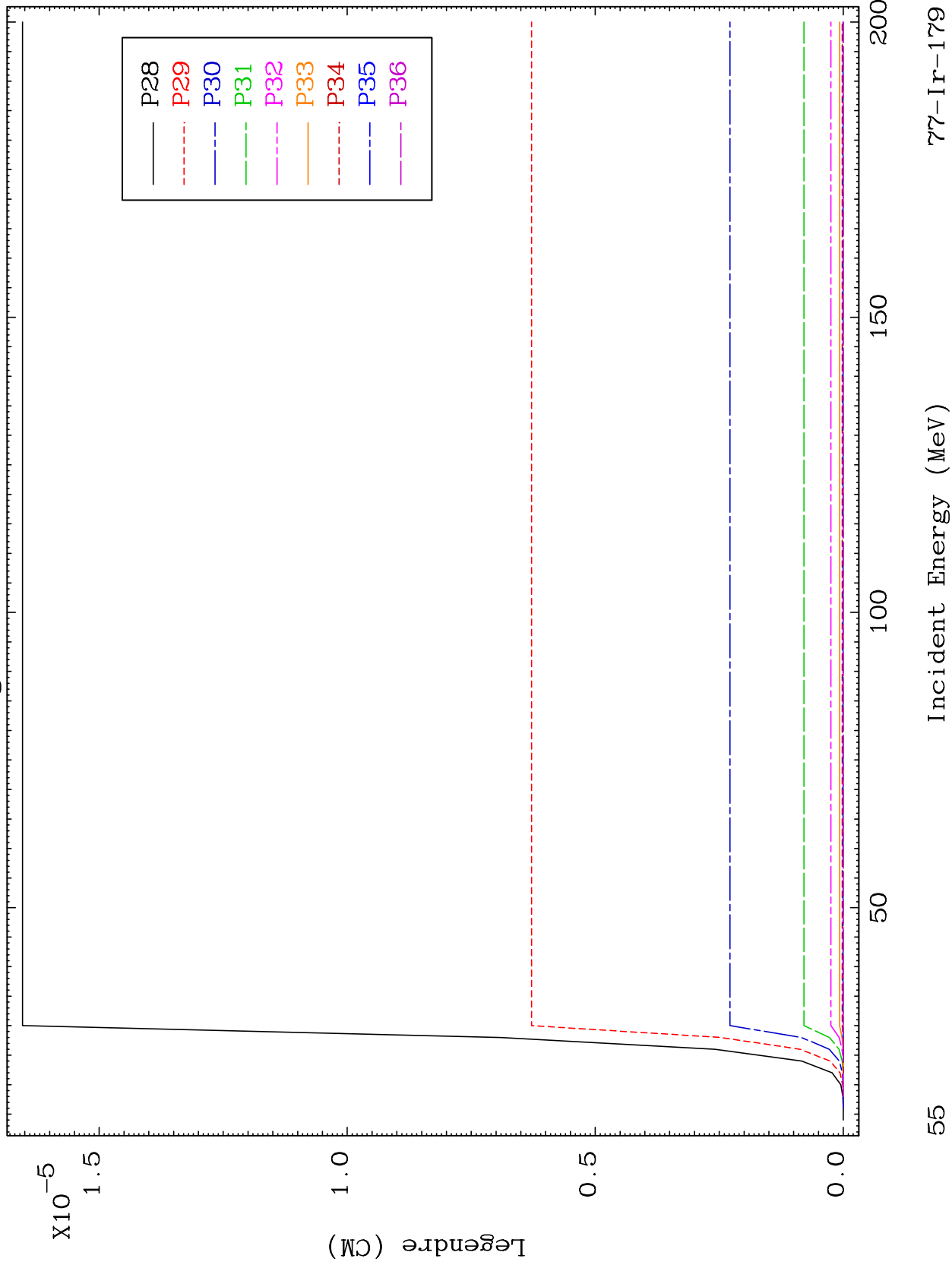
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



55

Incident Energy (MeV)

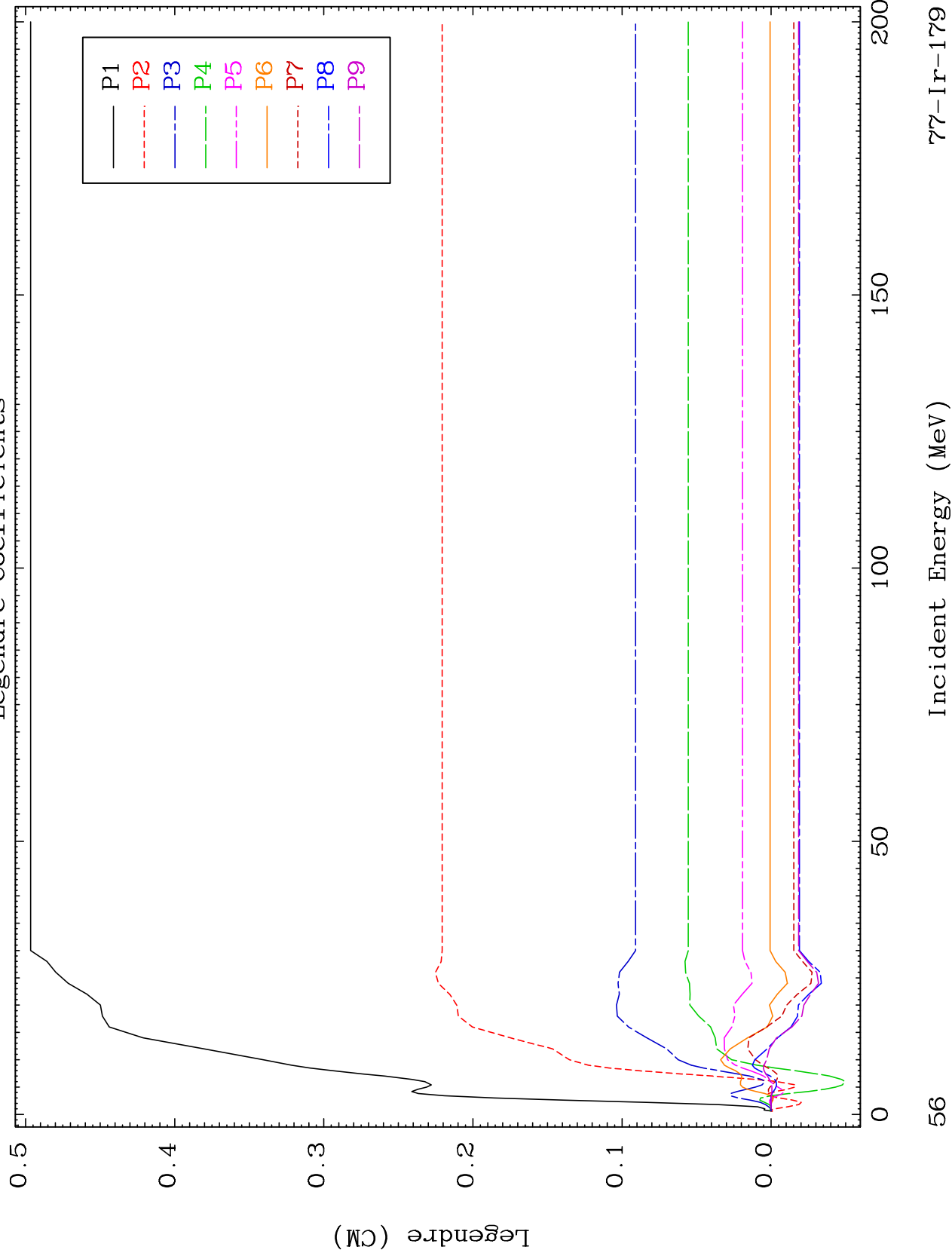
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

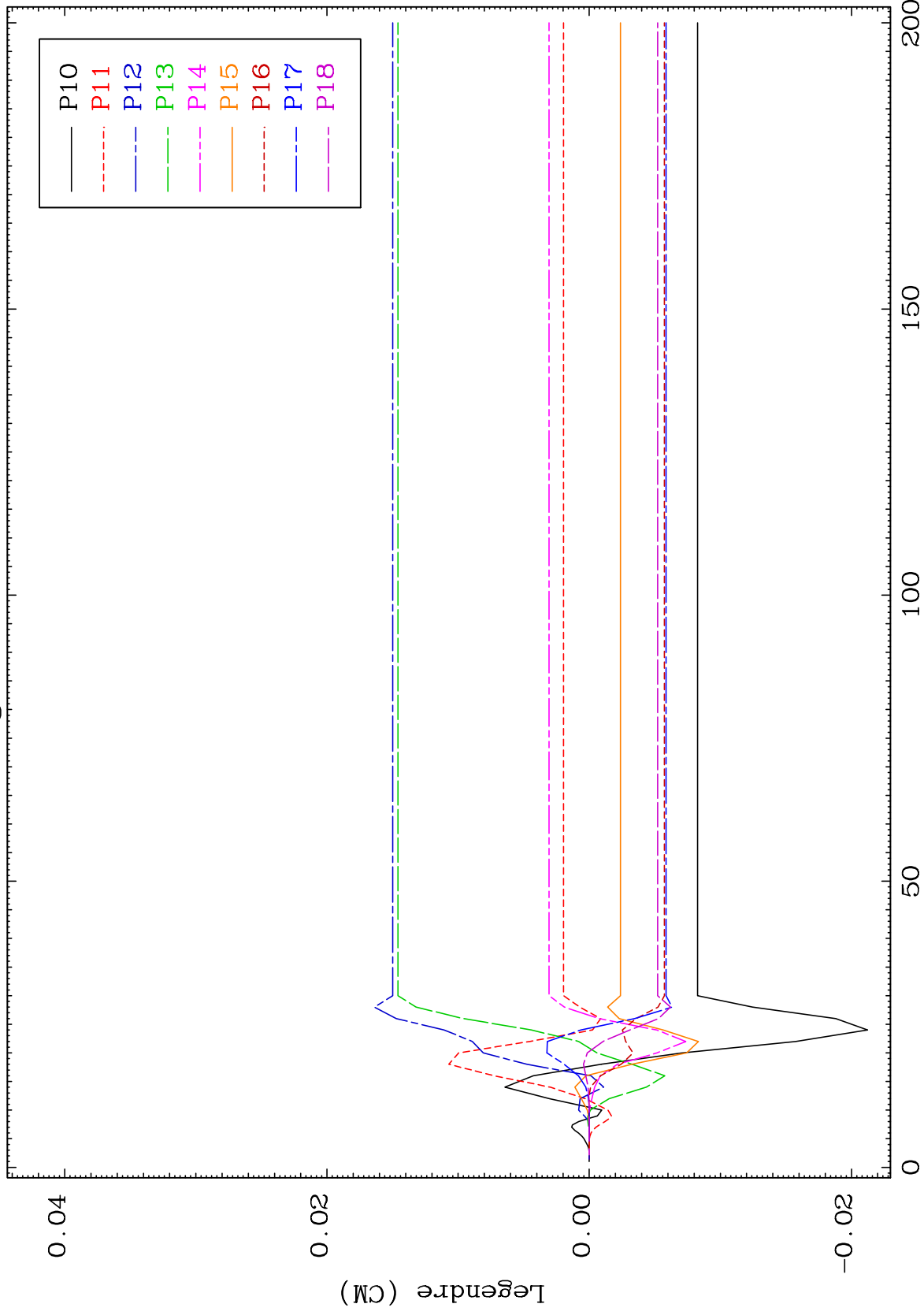
Incident Energy (MeV)

56

MAT 7689

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

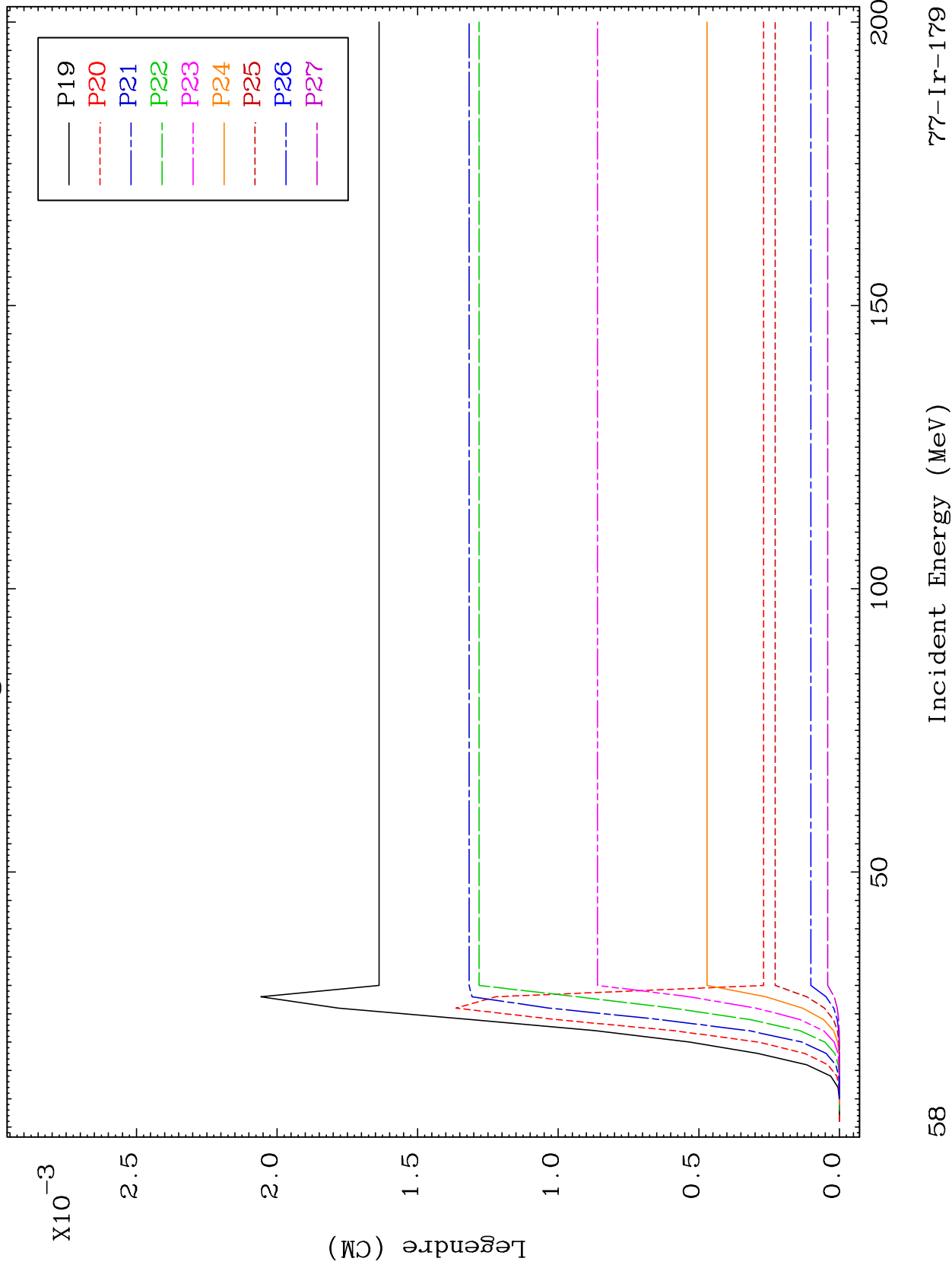
77-Ir-179



57

Incident Energy (MeV)

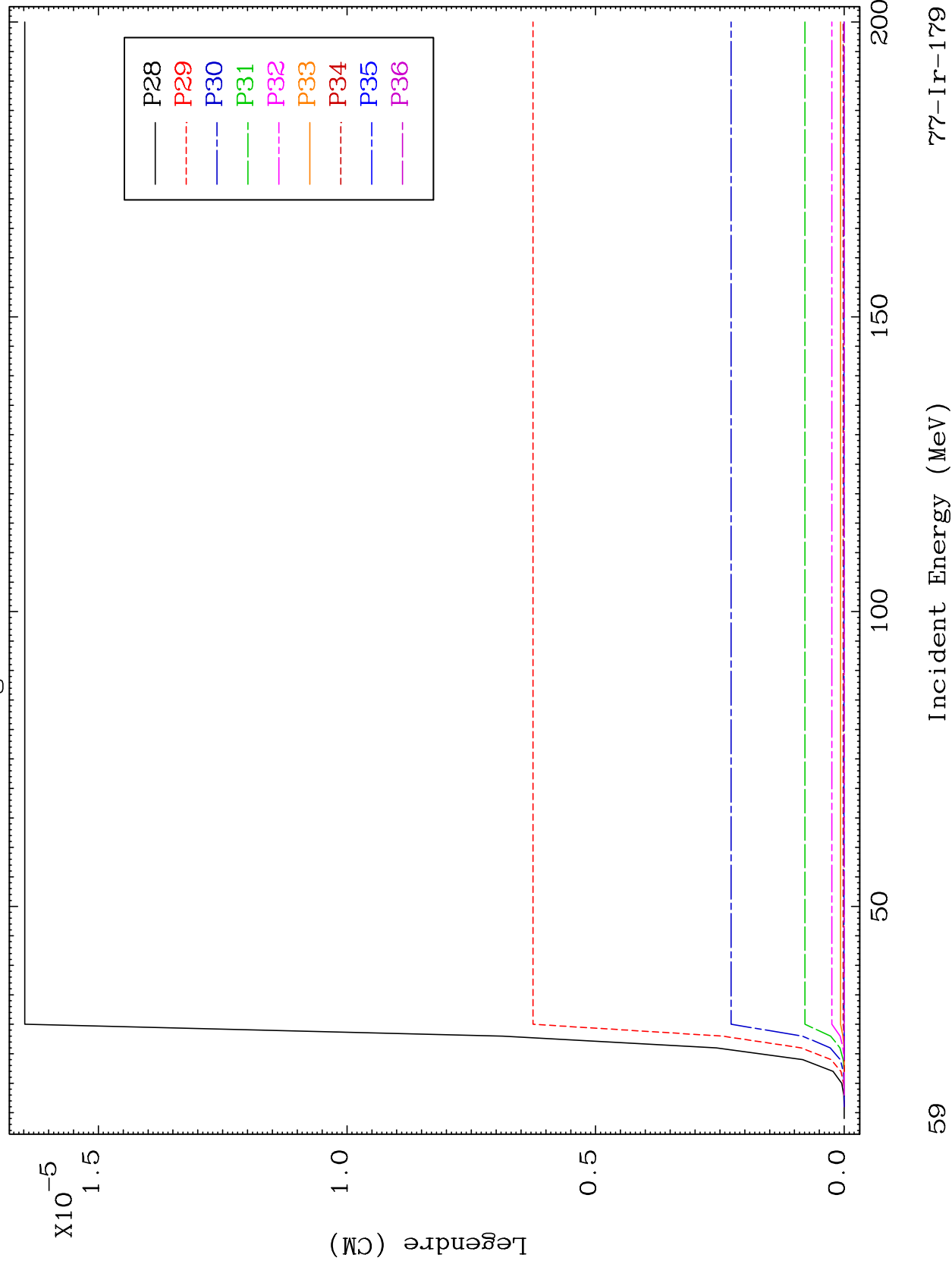
77-Ir-179



MAT 7689

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

77-Ir-179



59

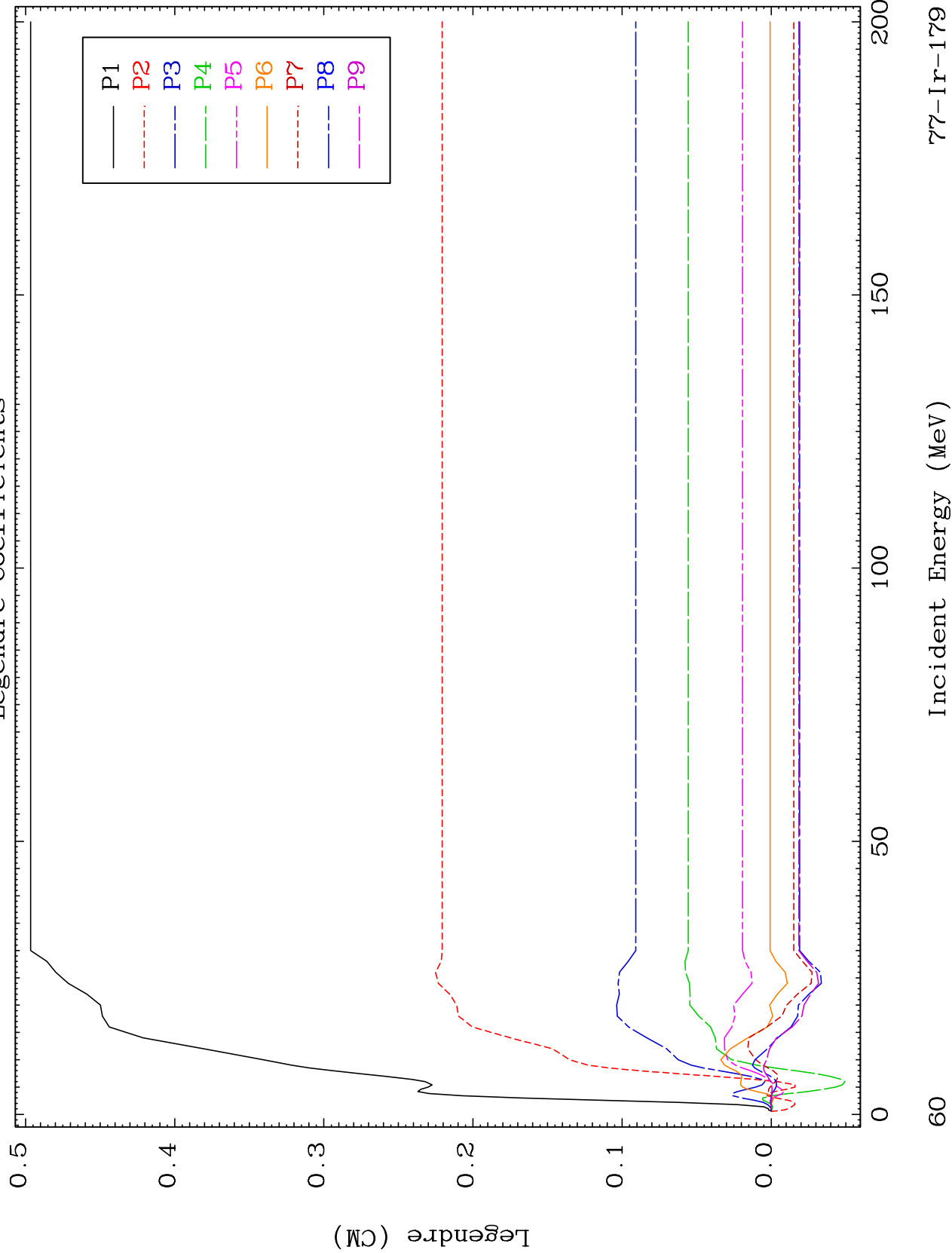
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

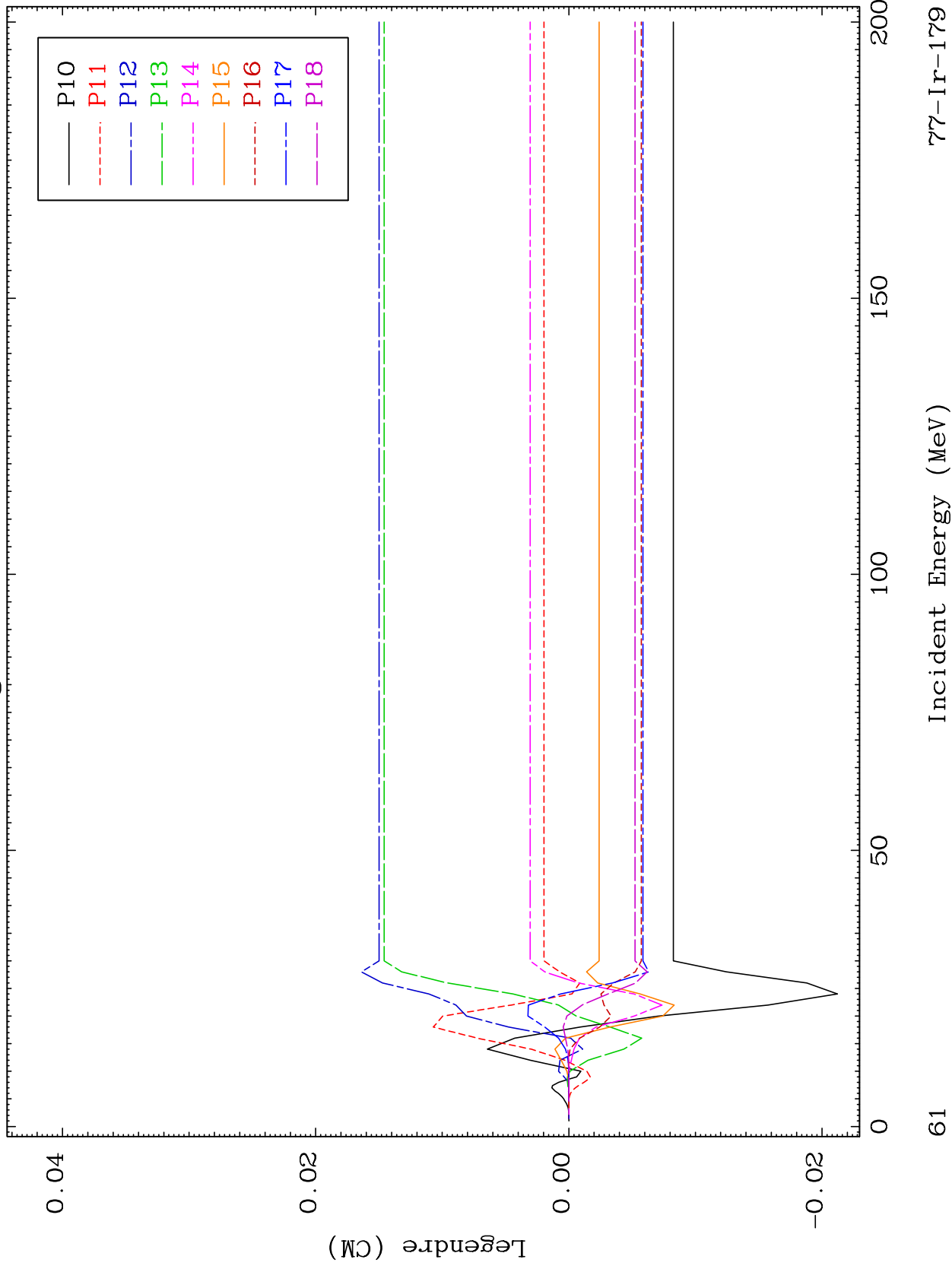
Incident Energy (MeV)

60

MAT 7689

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

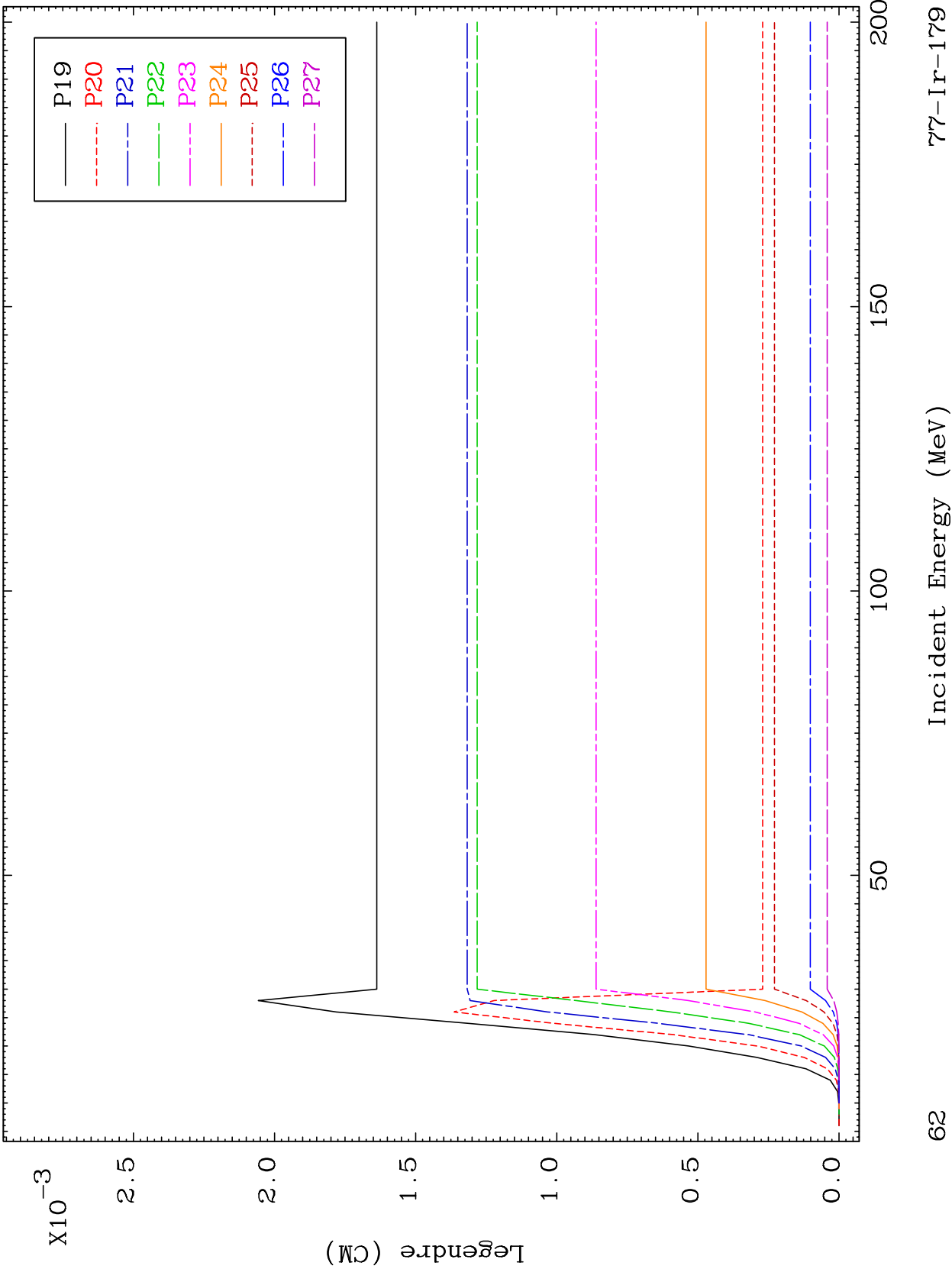
77-Ir-179



77-Ir-179

Incident Energy (MeV)

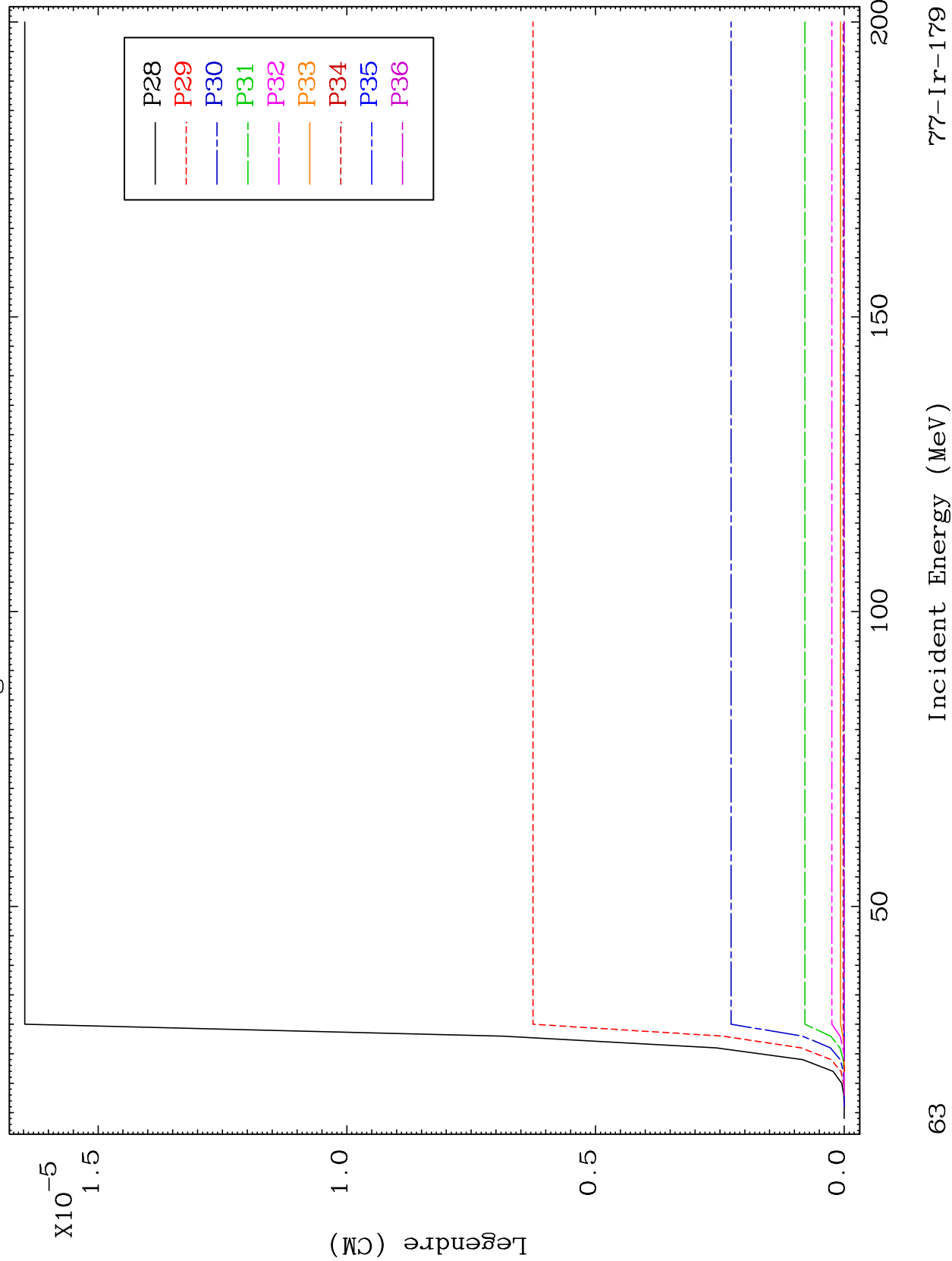
61



MAT 7689

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

77-Ir-179



63

Incident Energy (MeV)

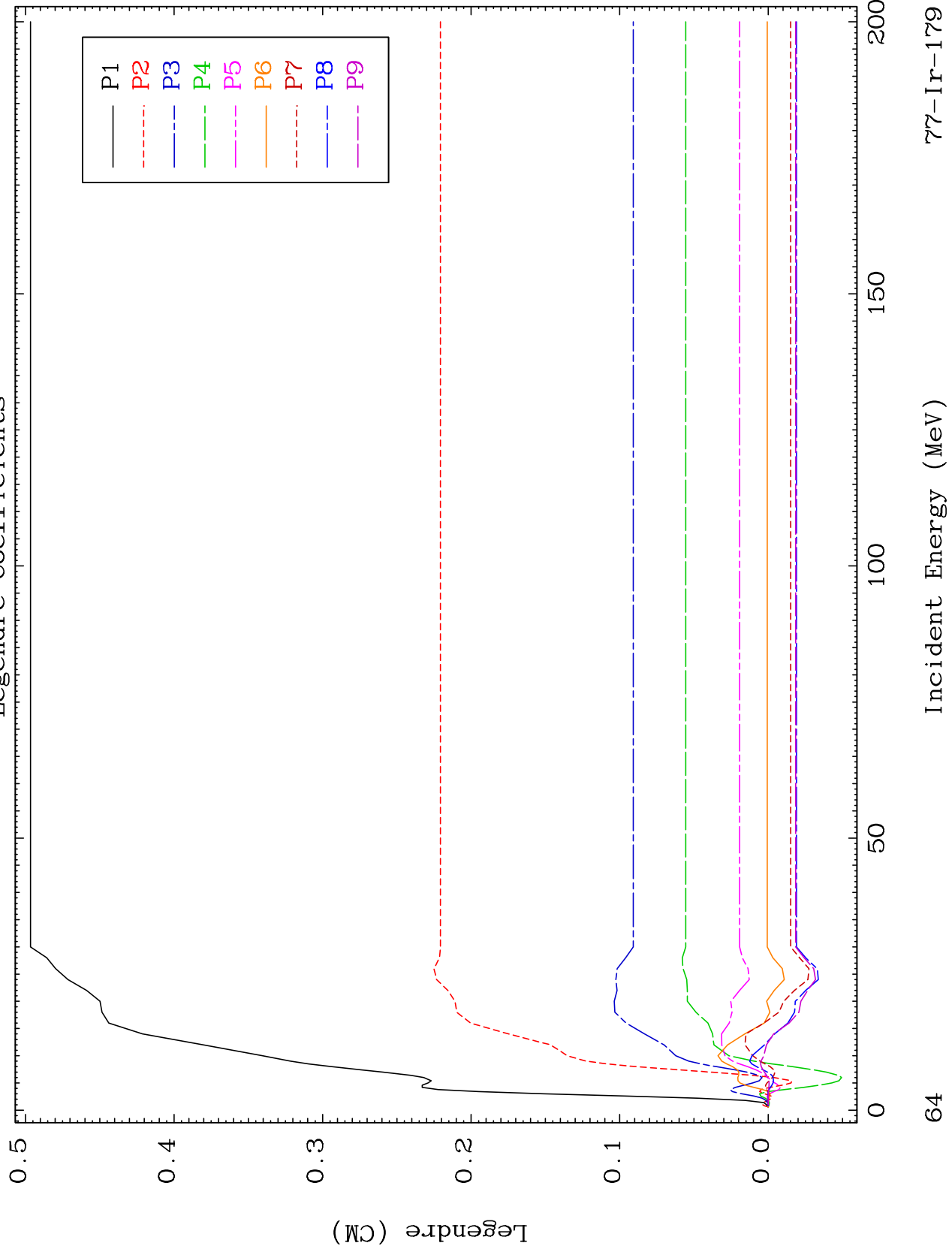
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

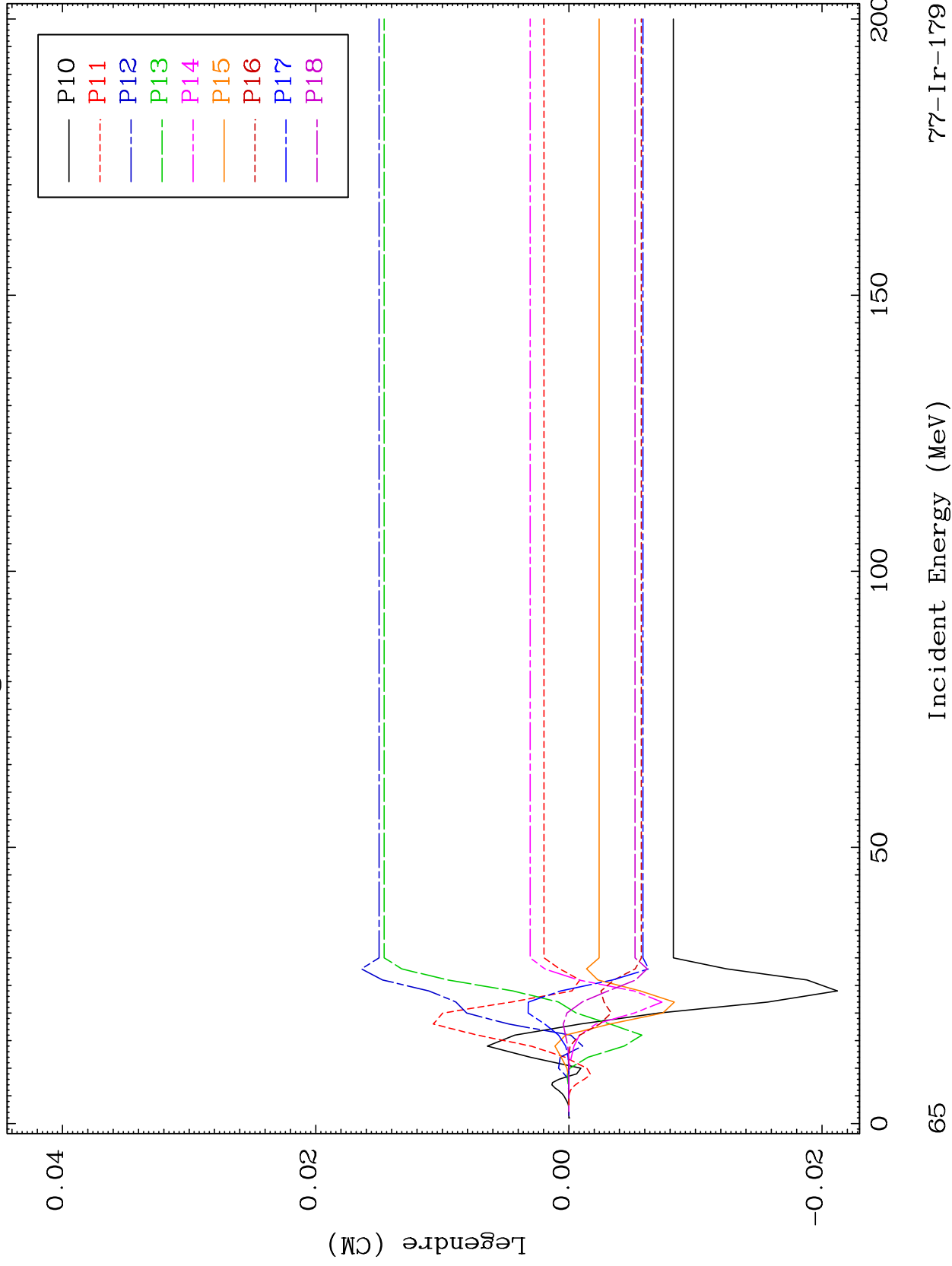
Incident Energy (MeV)

64

MAT 7689

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

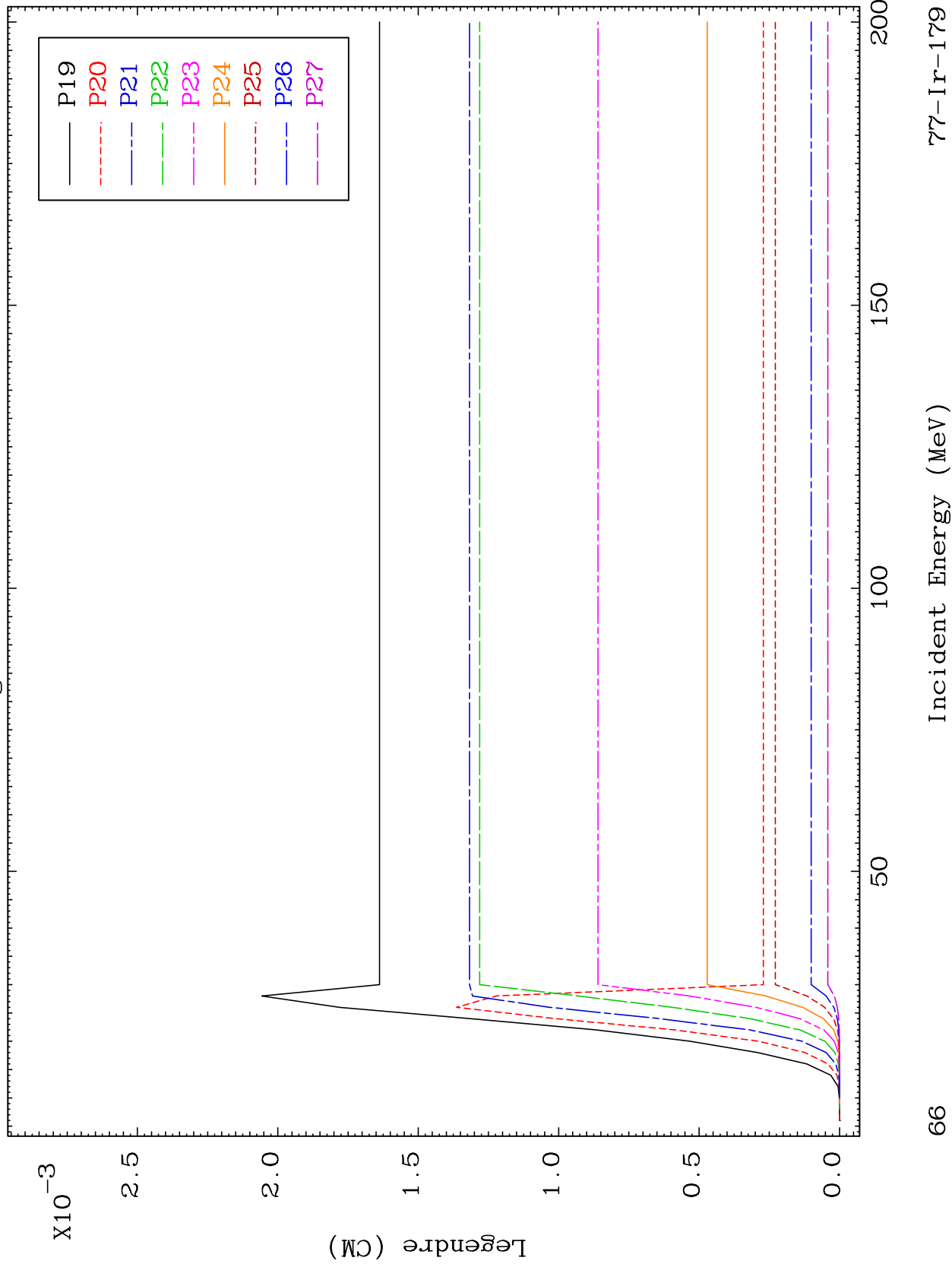
77-Ir-179



77-Ir-179

Incident Energy (MeV)

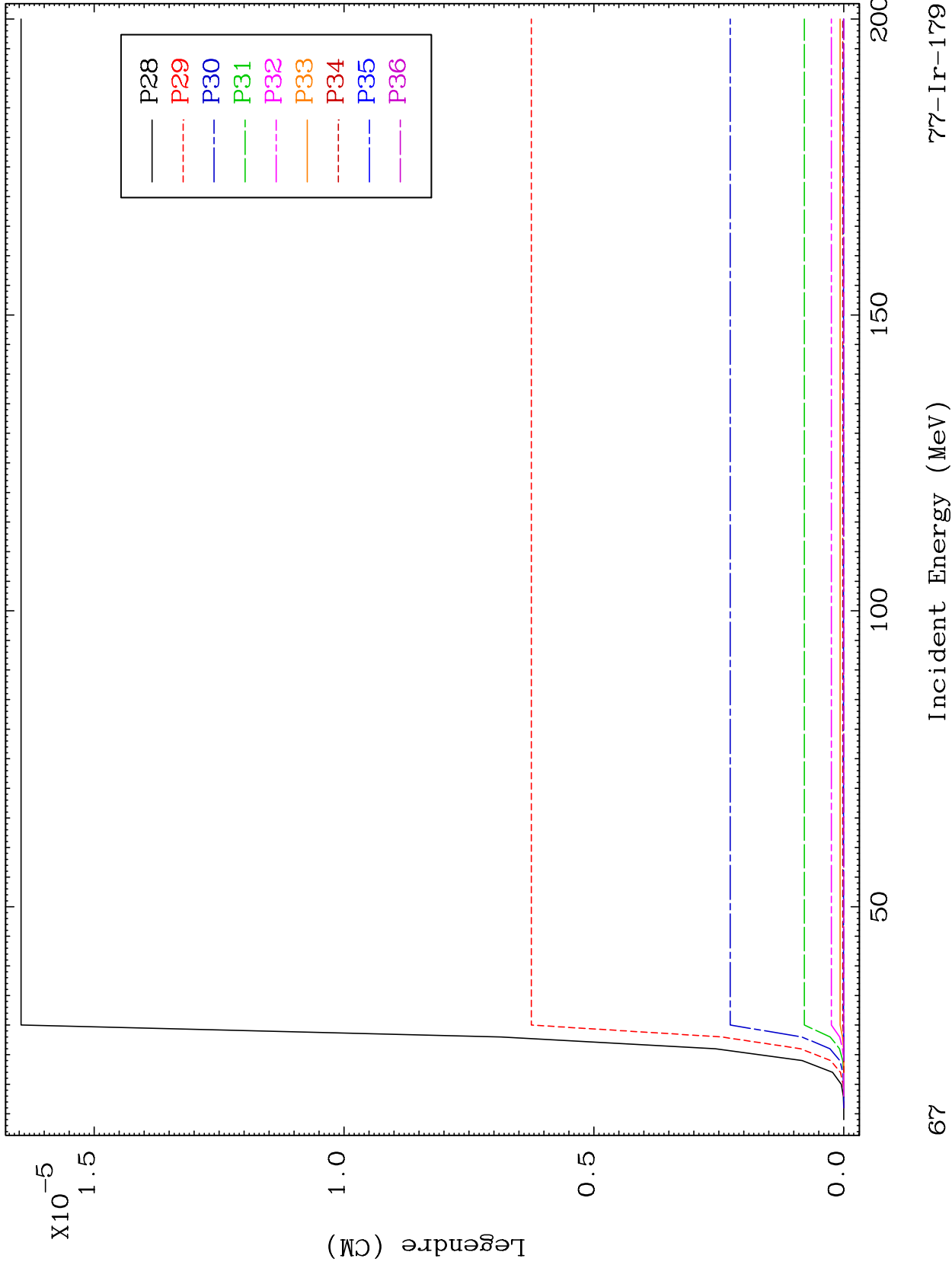
65



MAT 7689

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

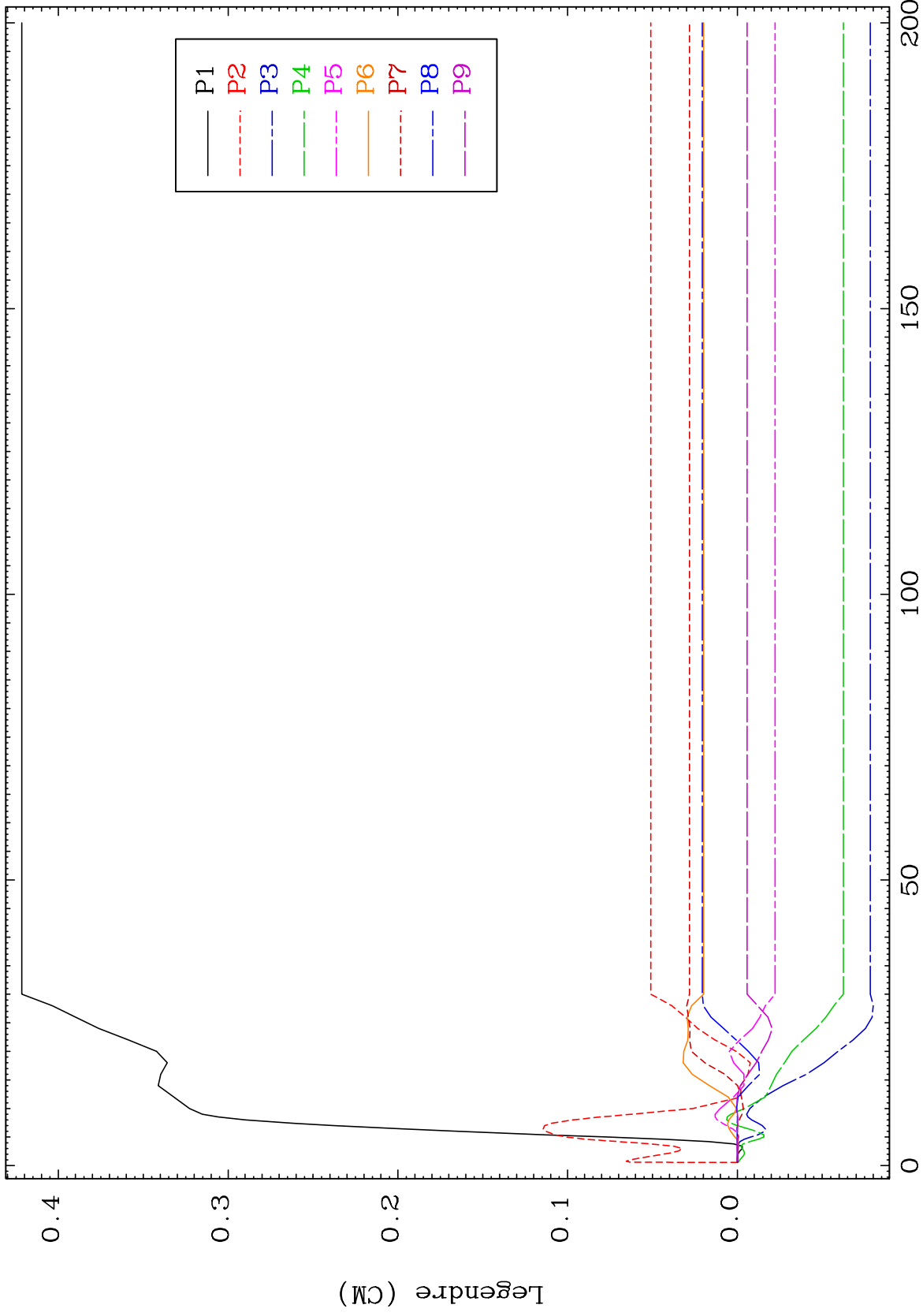
77-Ir-179



MAT 7689

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

77-Ir-179



68

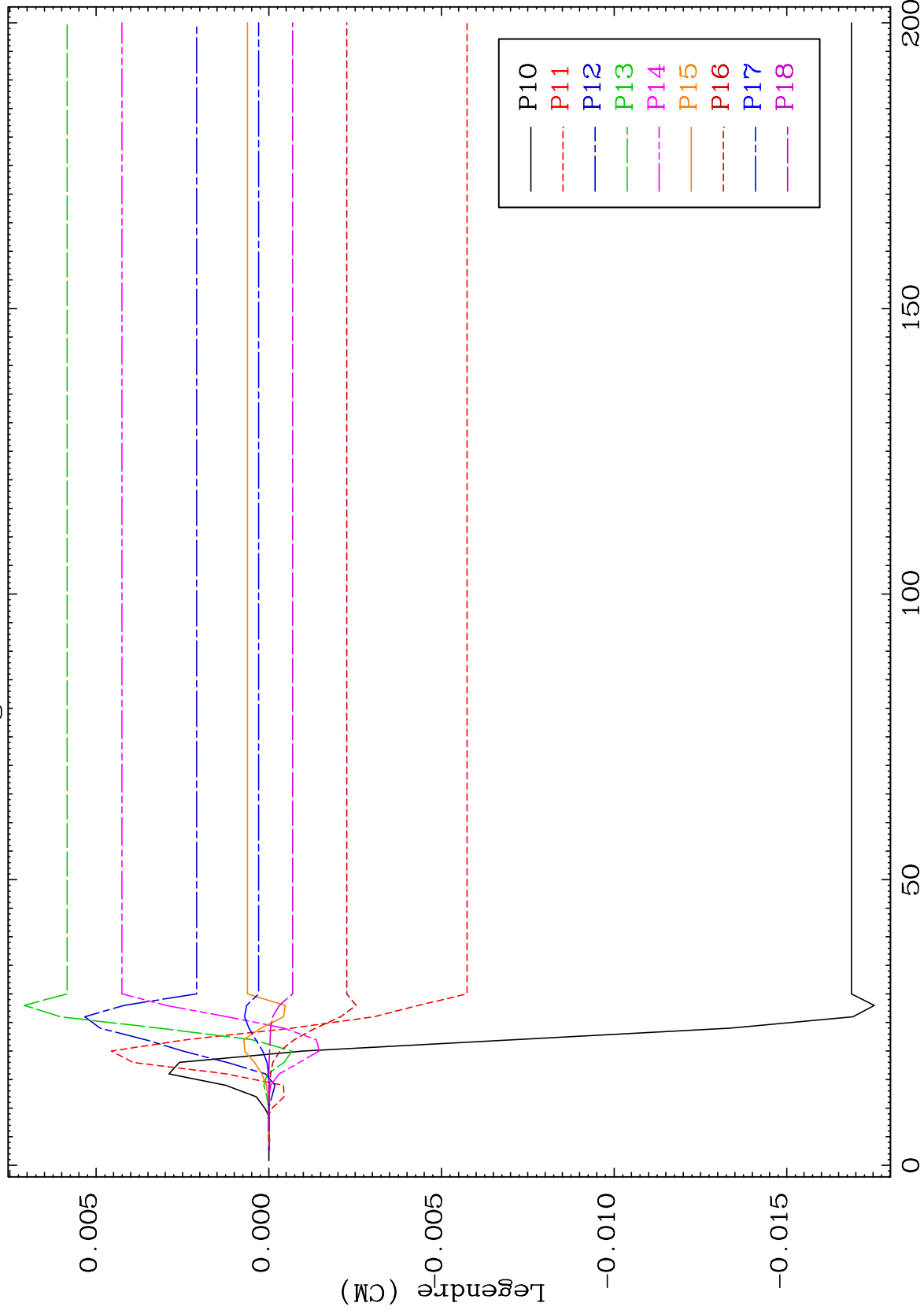
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



69

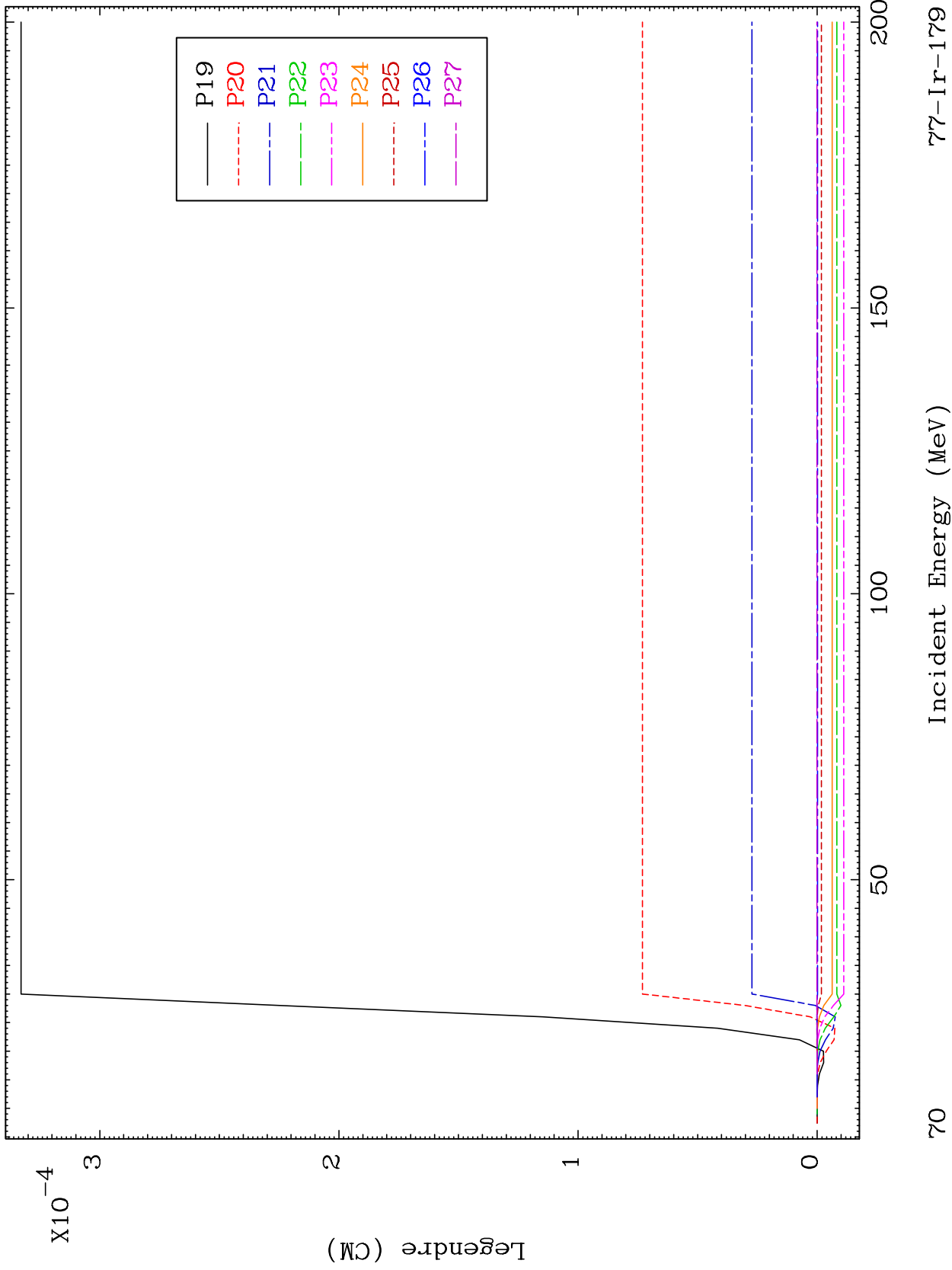
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



70

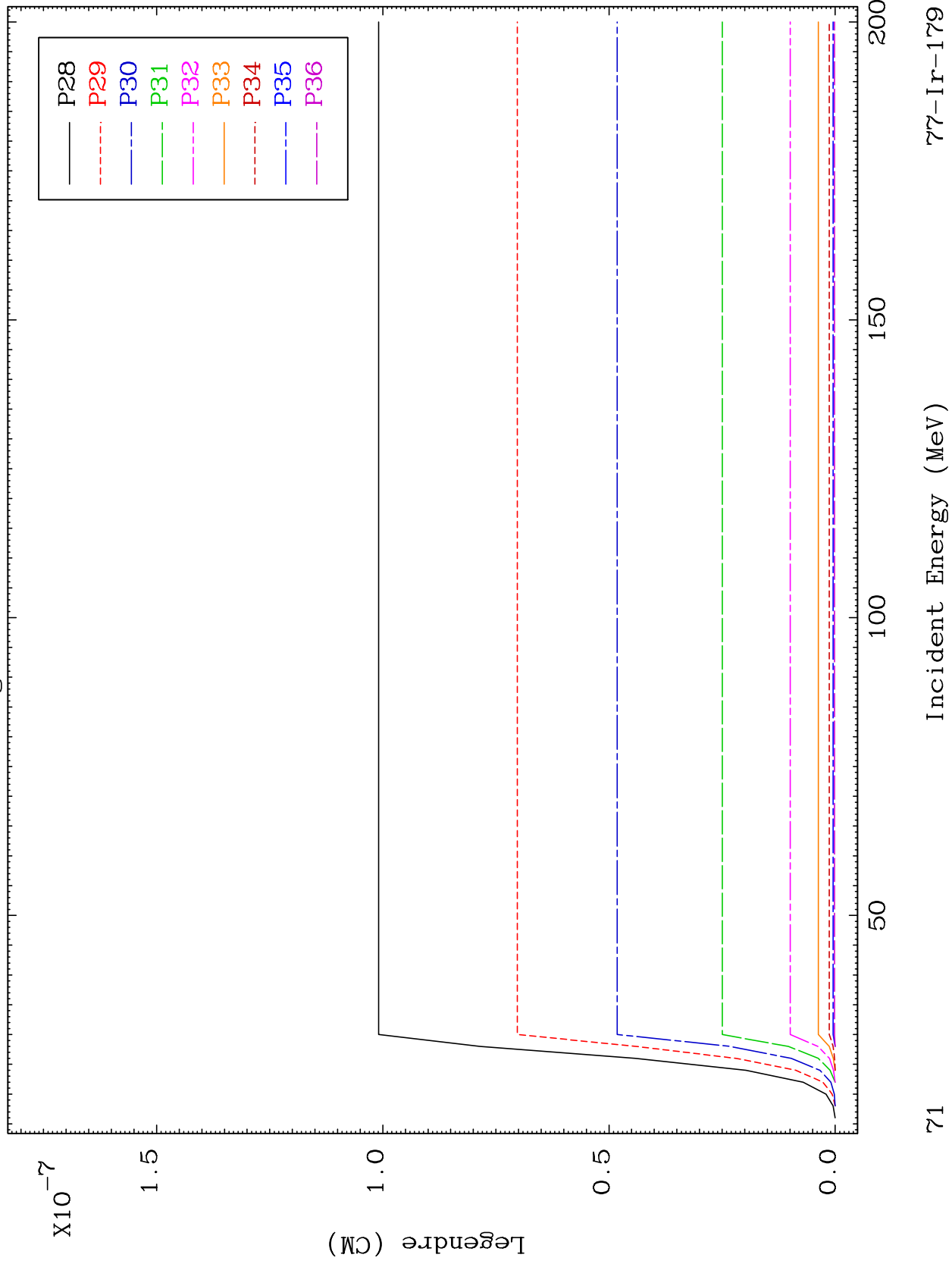
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



71

Incident Energy (MeV)

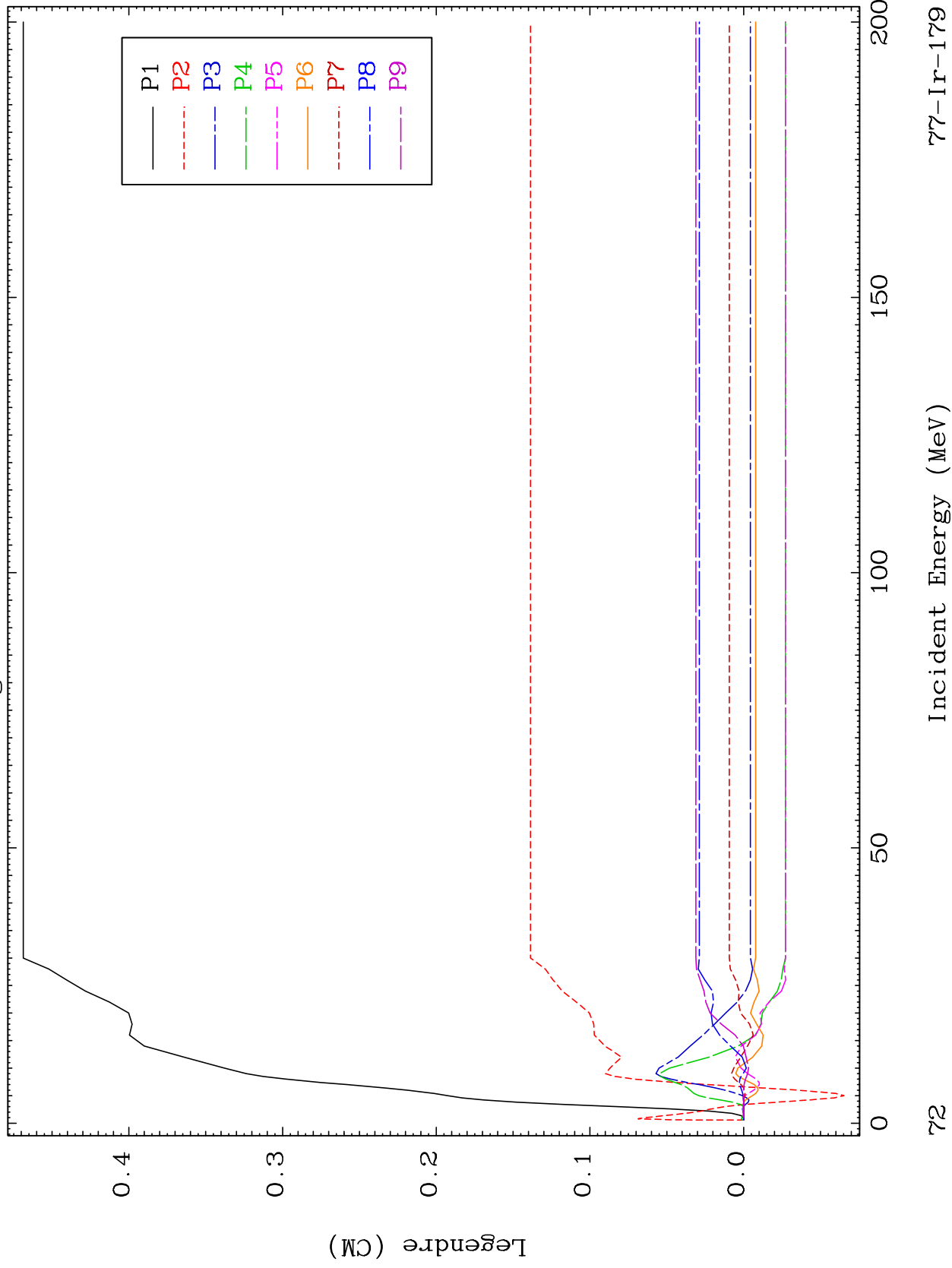
77-Ir-179



MAT 7689

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

77-Ir-179



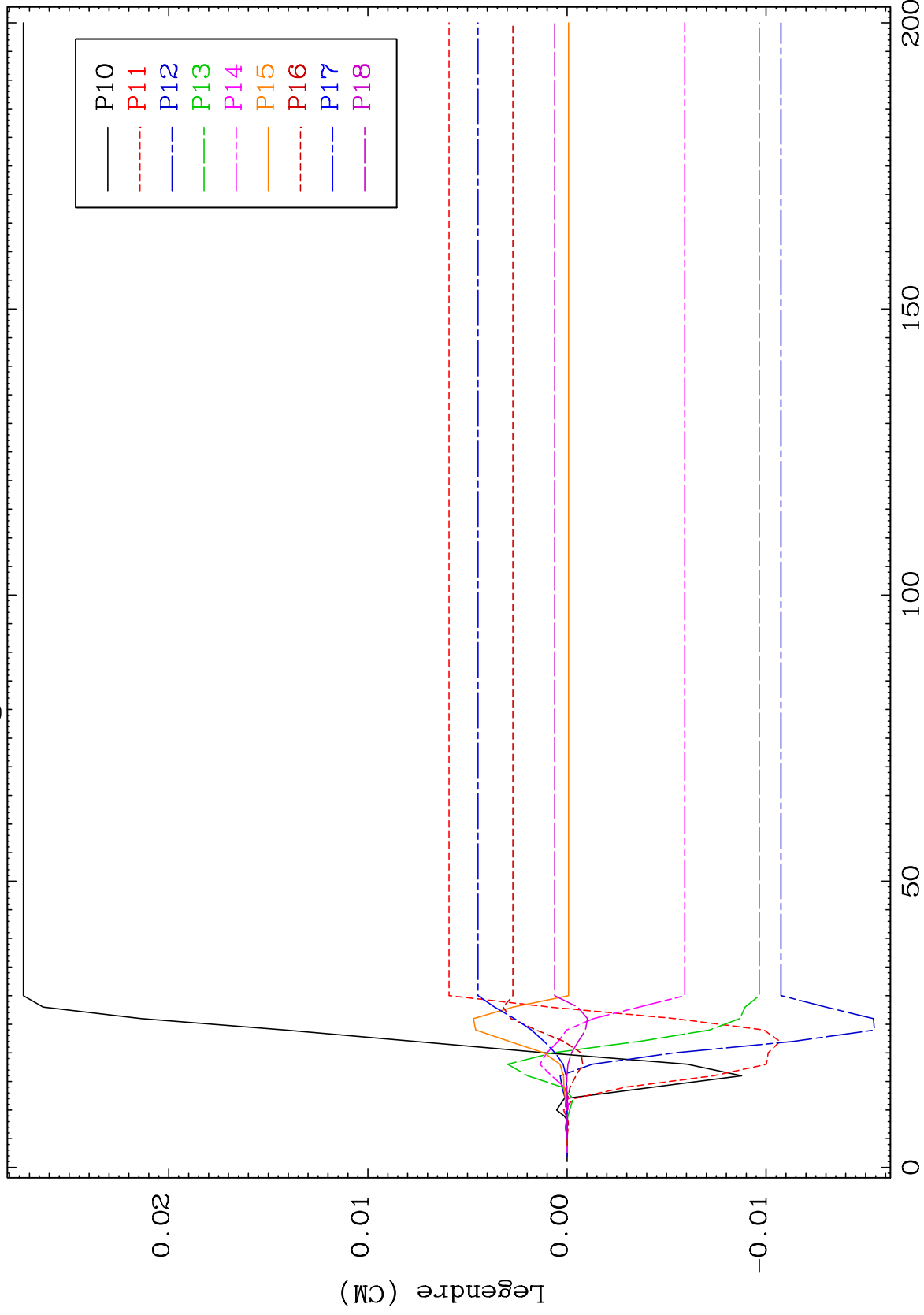
72

77-Ir-179

MAT 7689

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

77-Ir-179



73

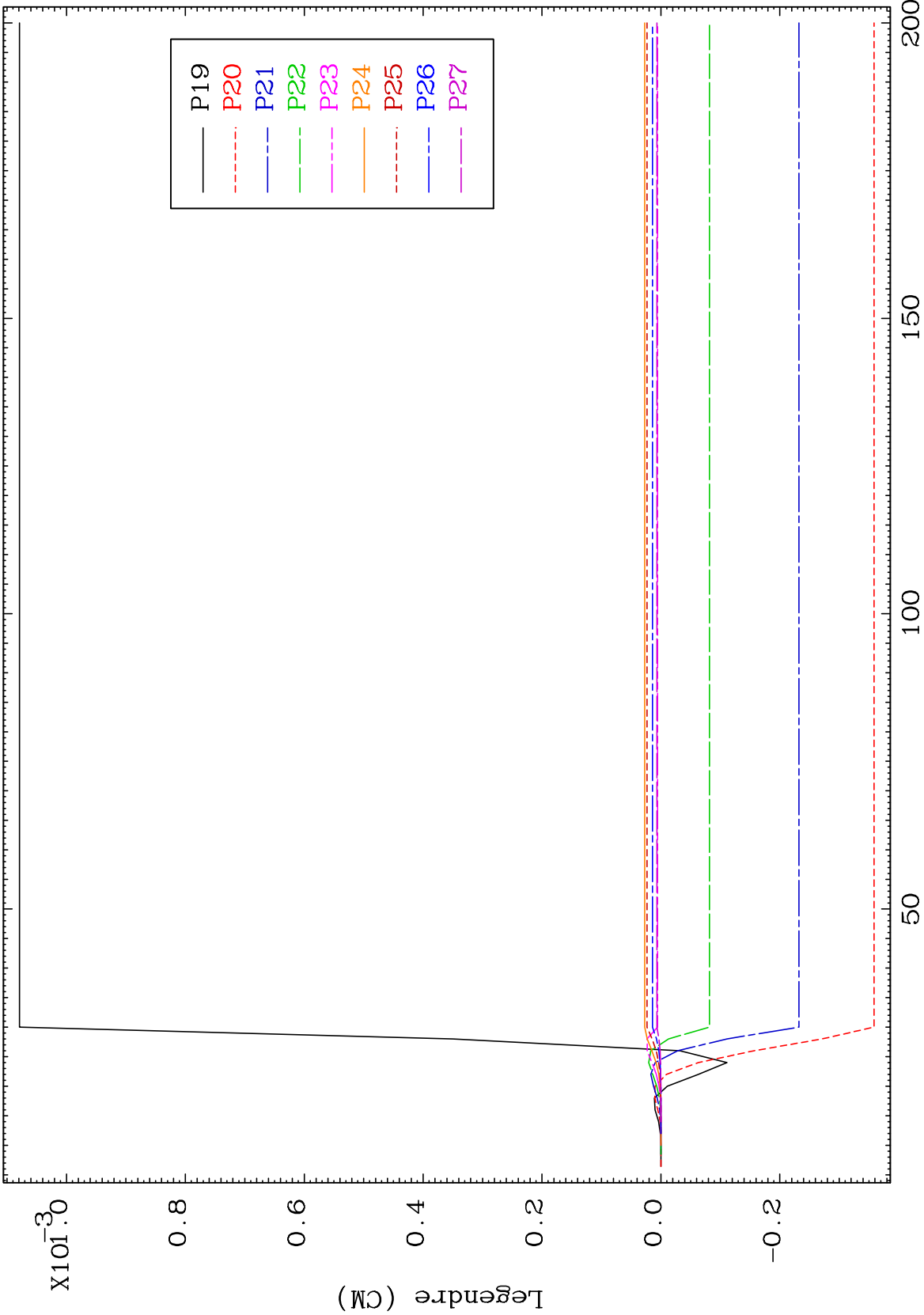
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



74

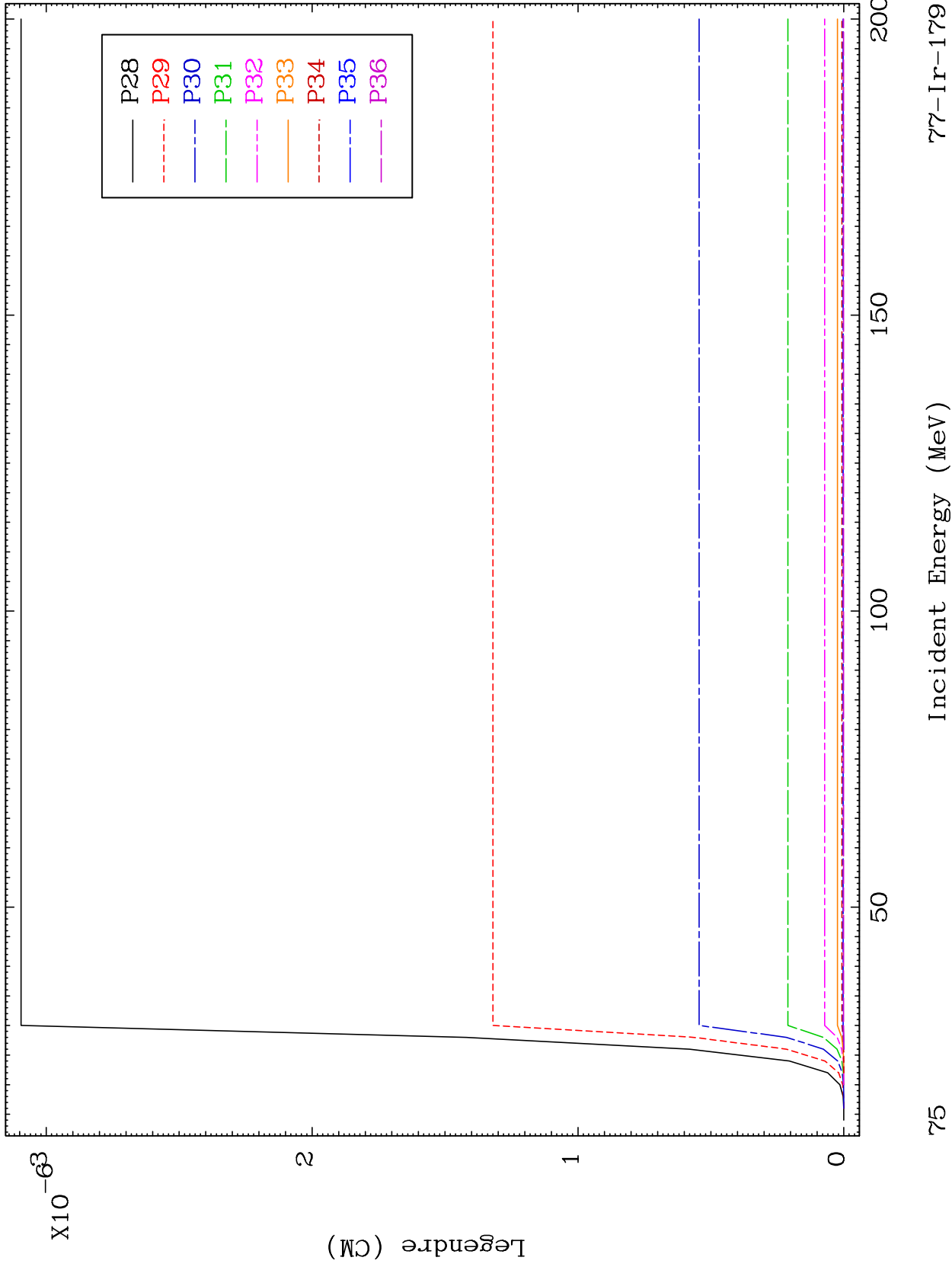
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

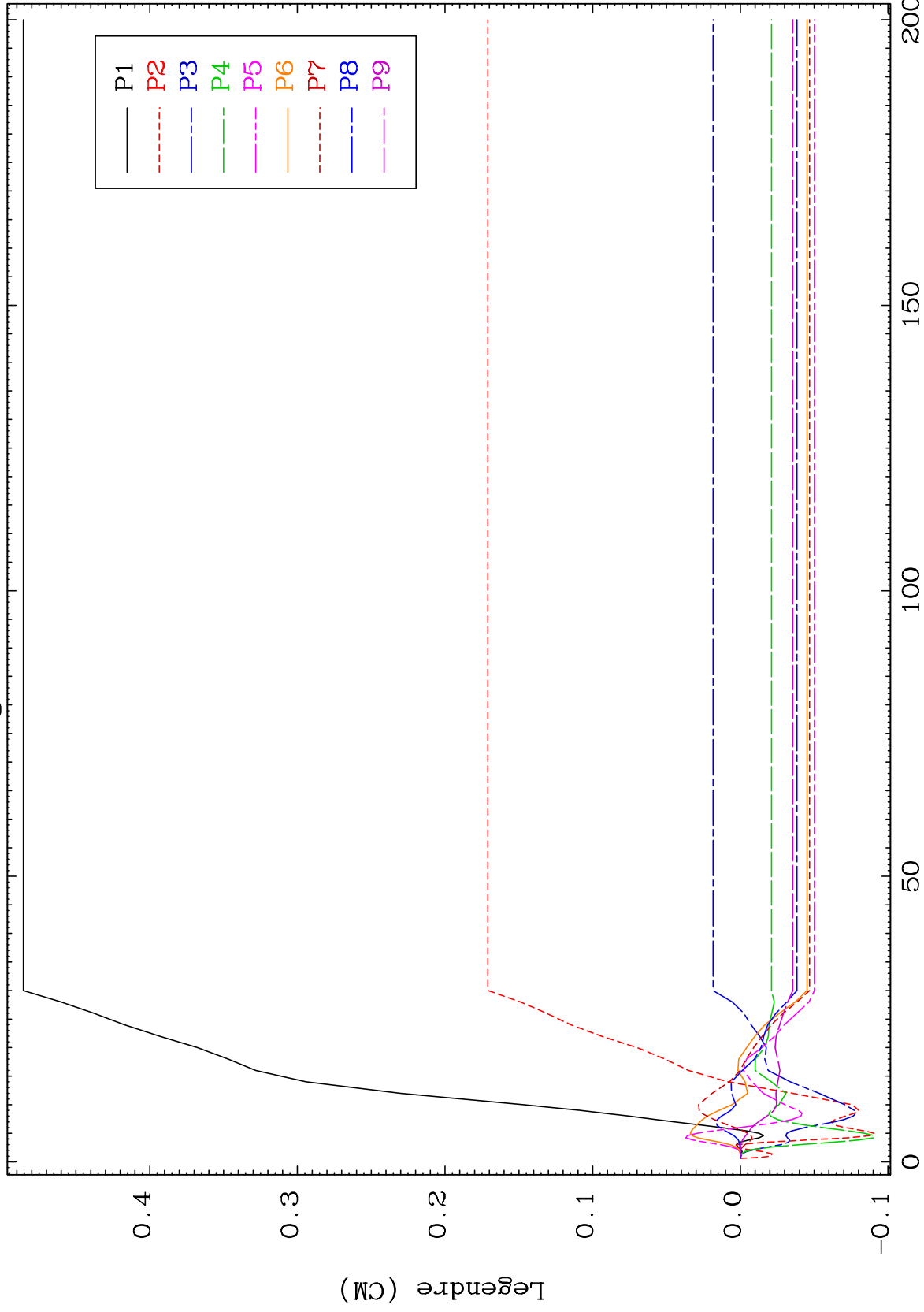
77-Ir-179



MAT 7689

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

77-Ir-179



76

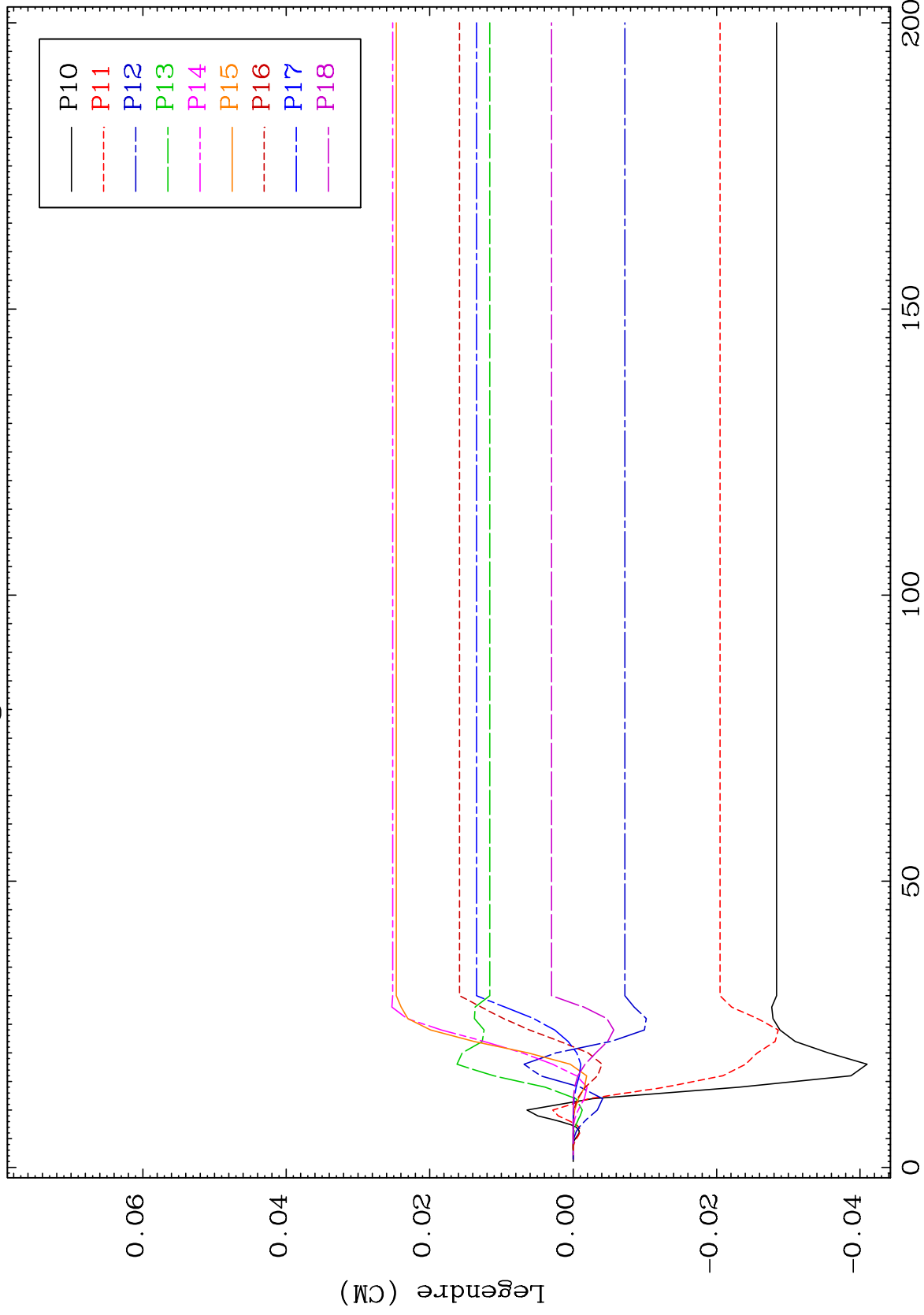
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

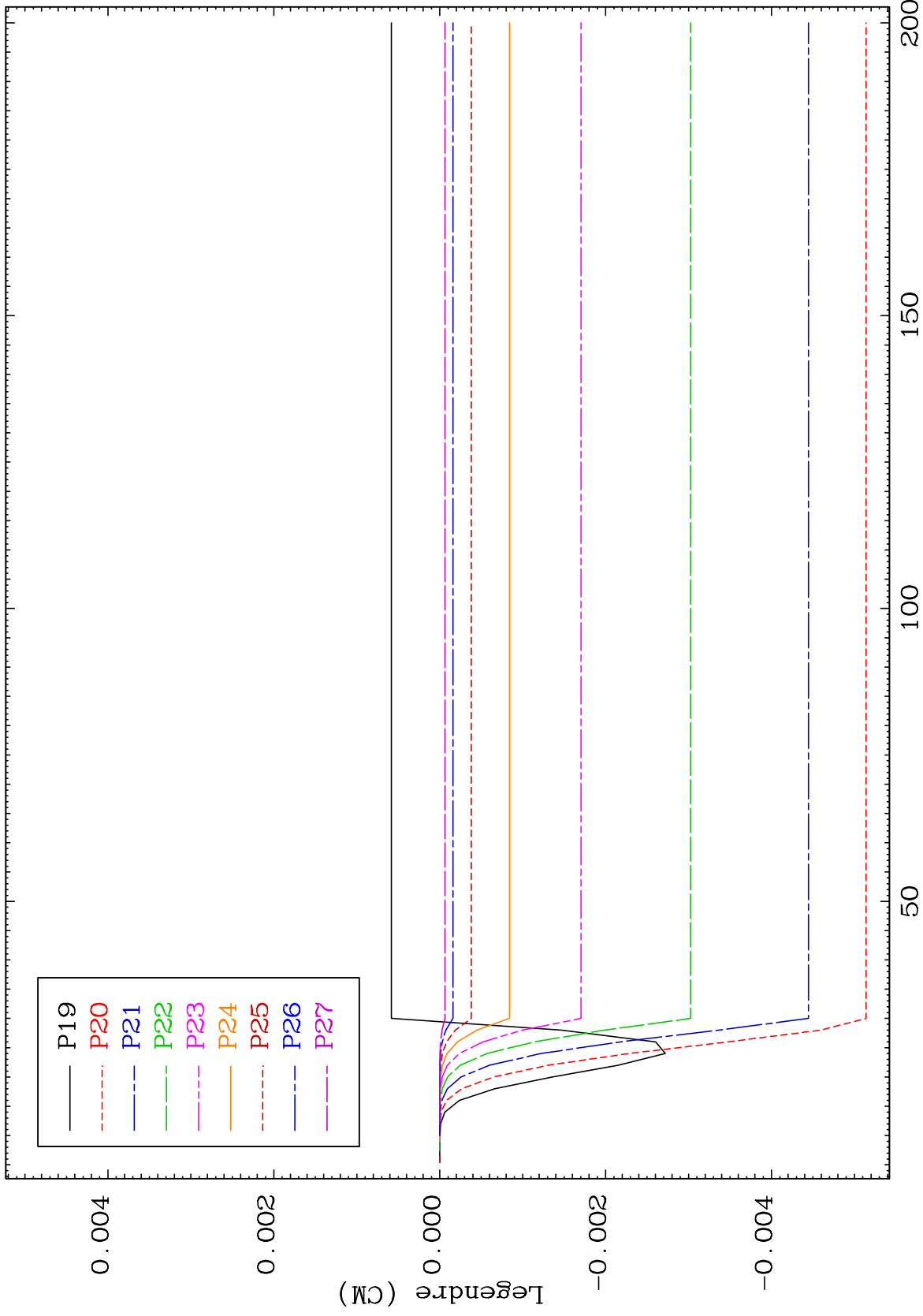
77-Ir-179

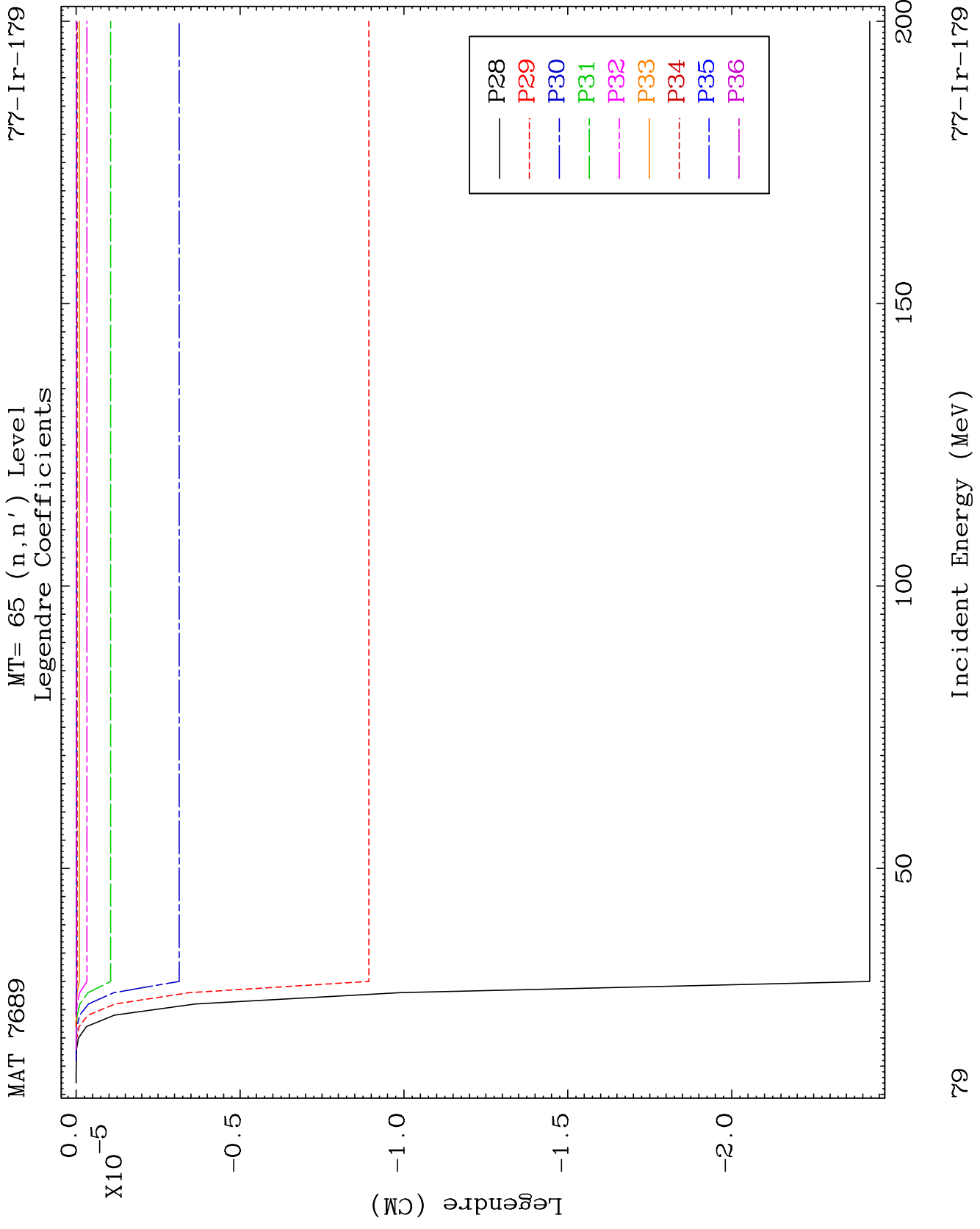


77

Incident Energy (MeV)

77-Ir-179



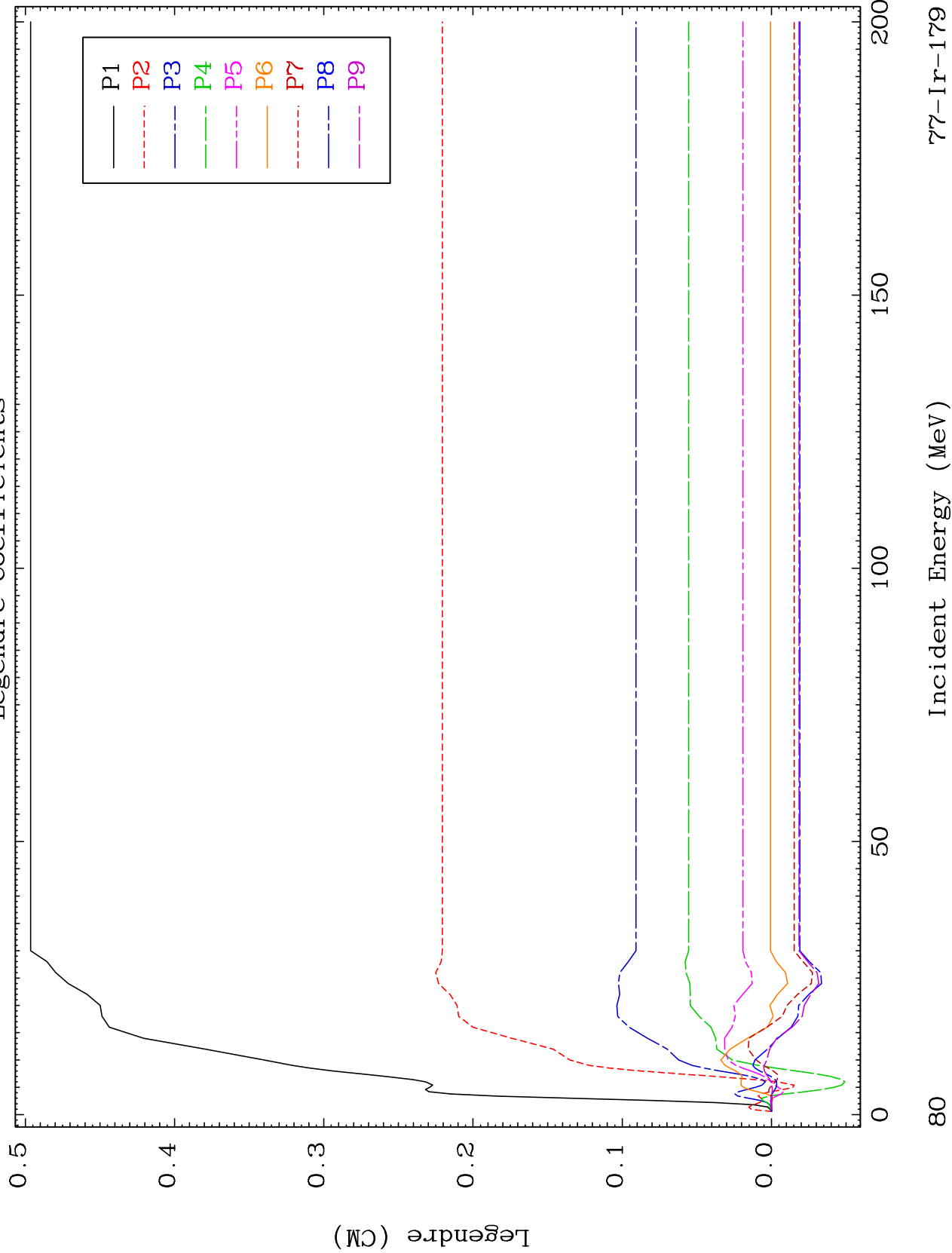




MAT 7689

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

77-Ir-179



77-Ir-179

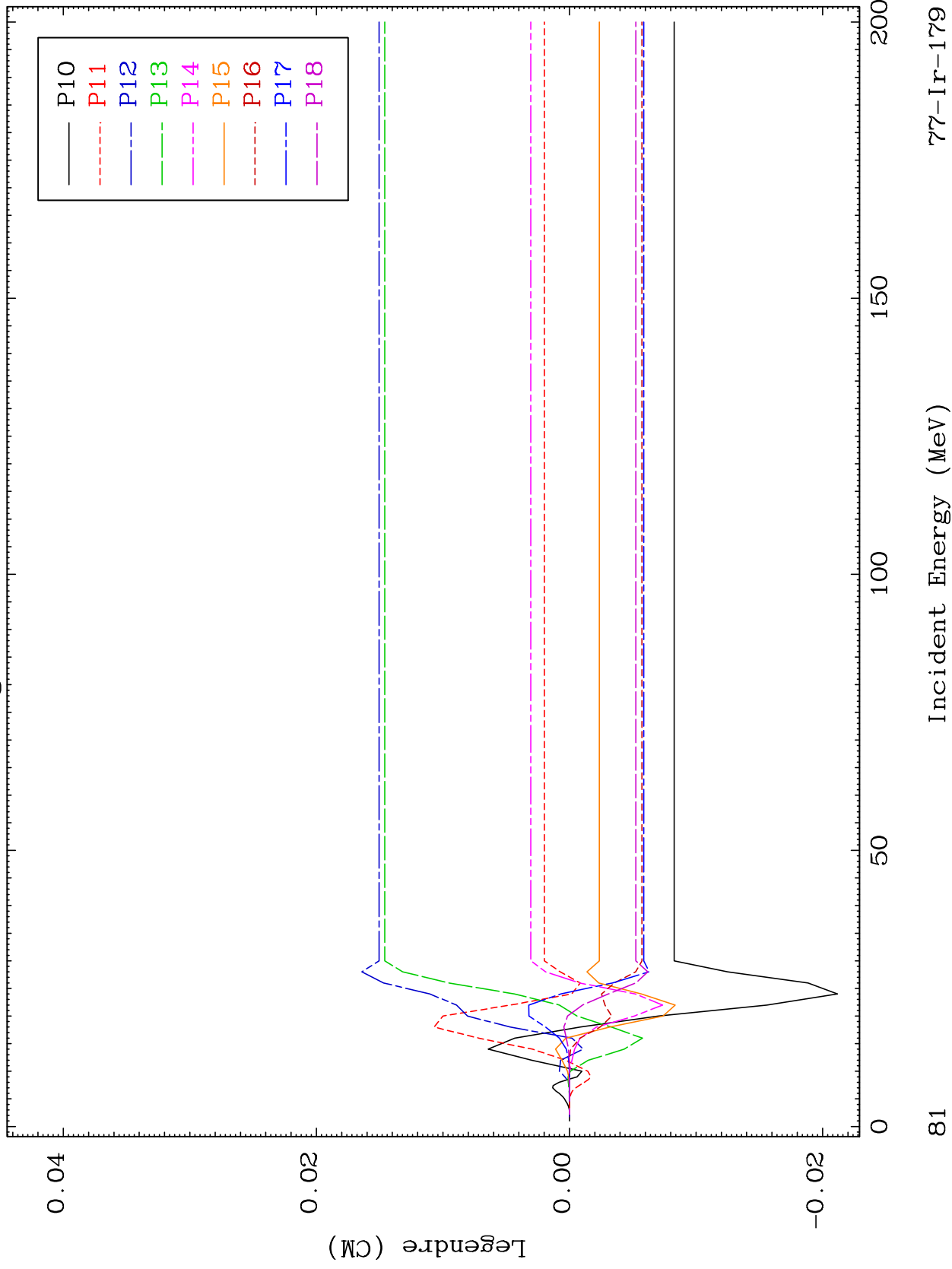
Incident Energy (MeV)

80

MAT 7689

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

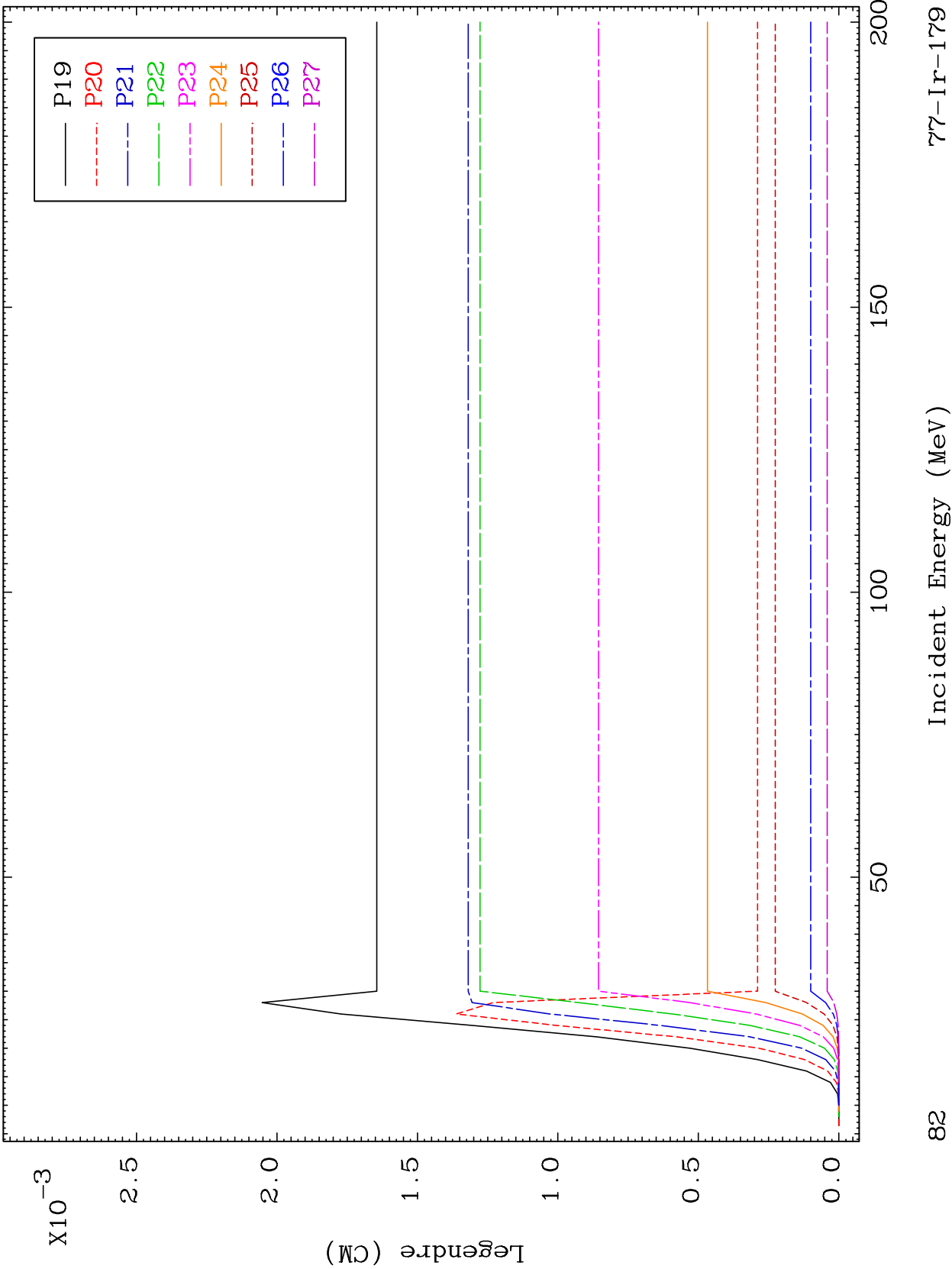
77-Ir-179



81

Incident Energy (MeV)

77-Ir-179

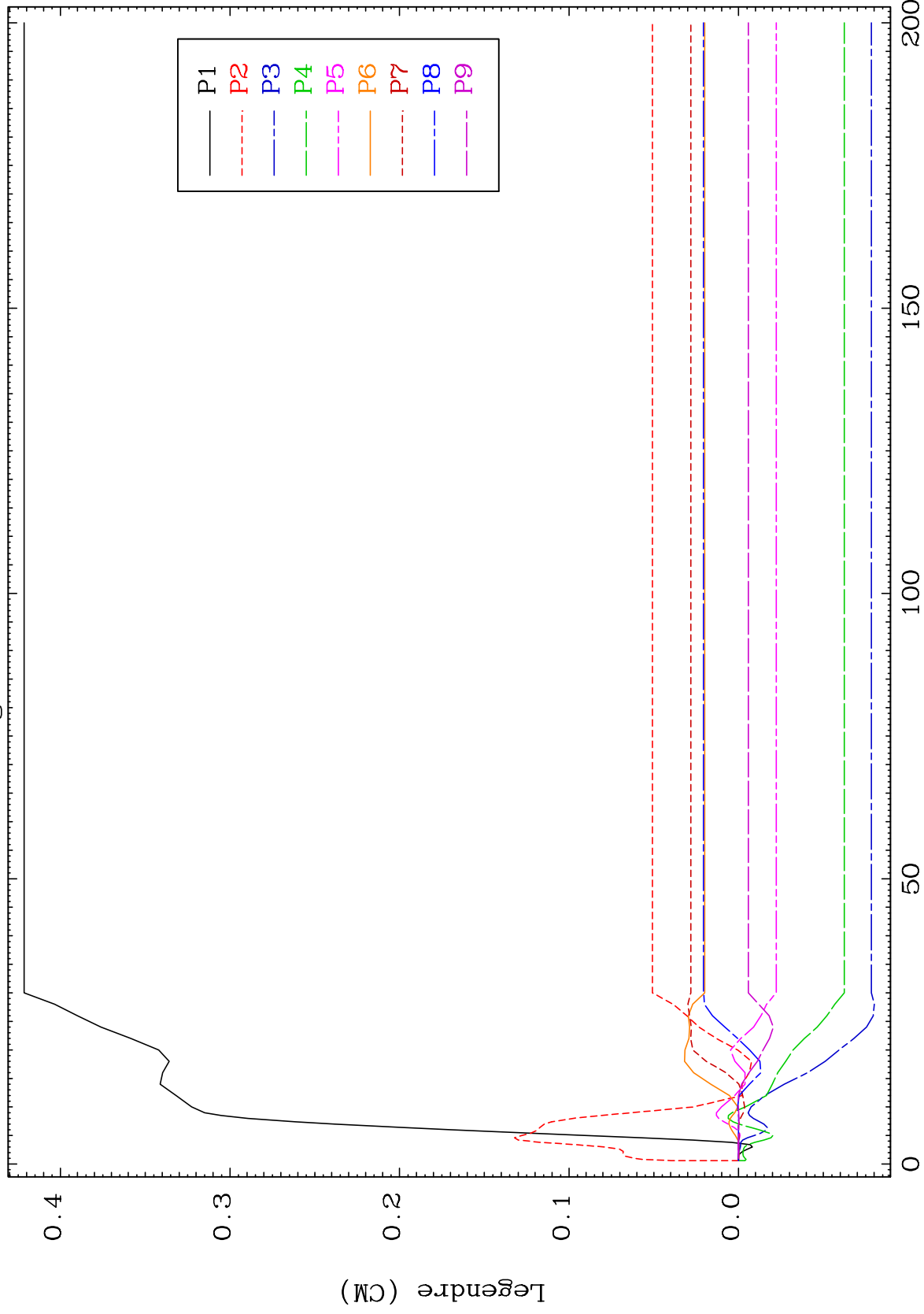




MAT 7689

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

77-Ir-179



84

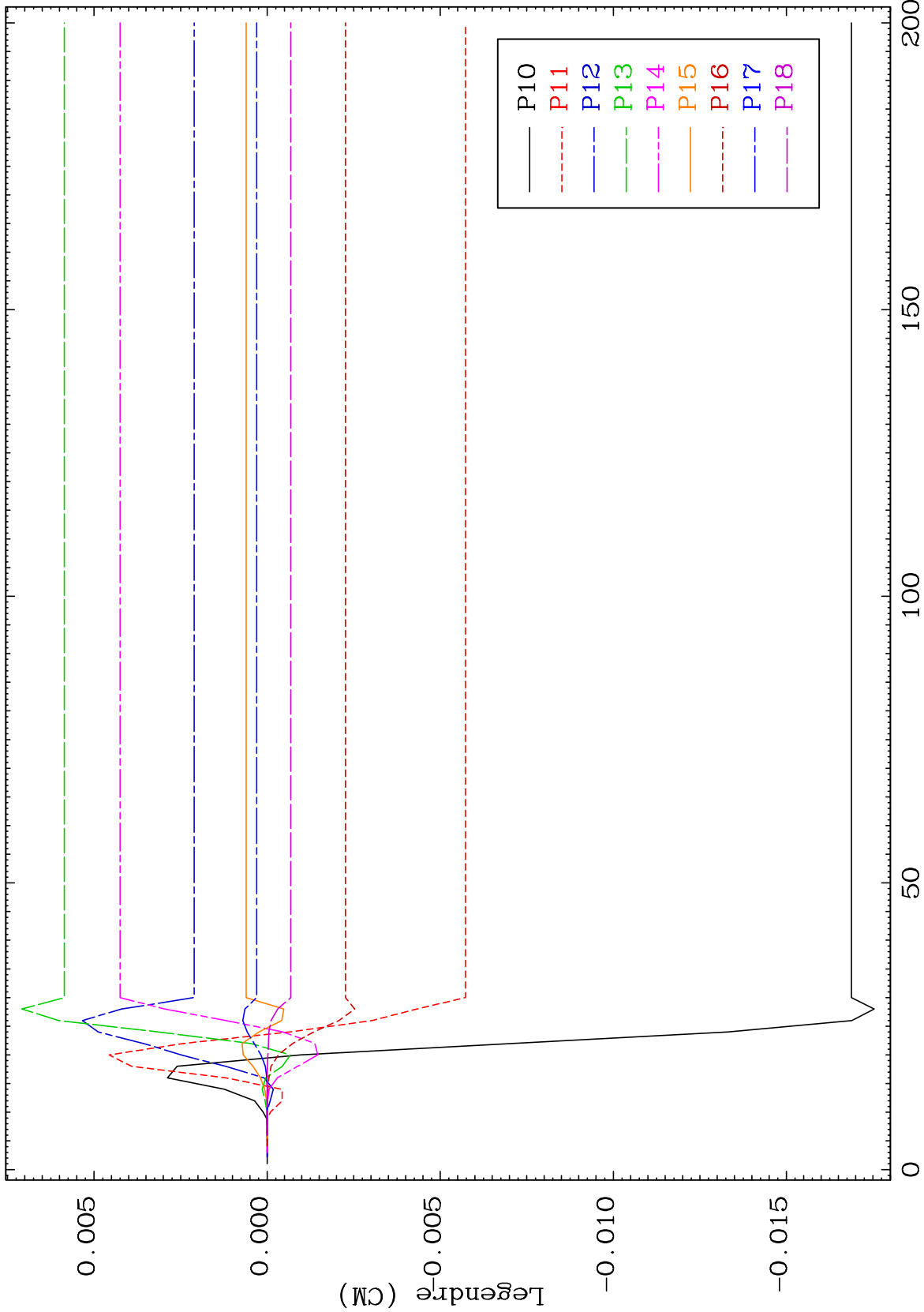
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



85

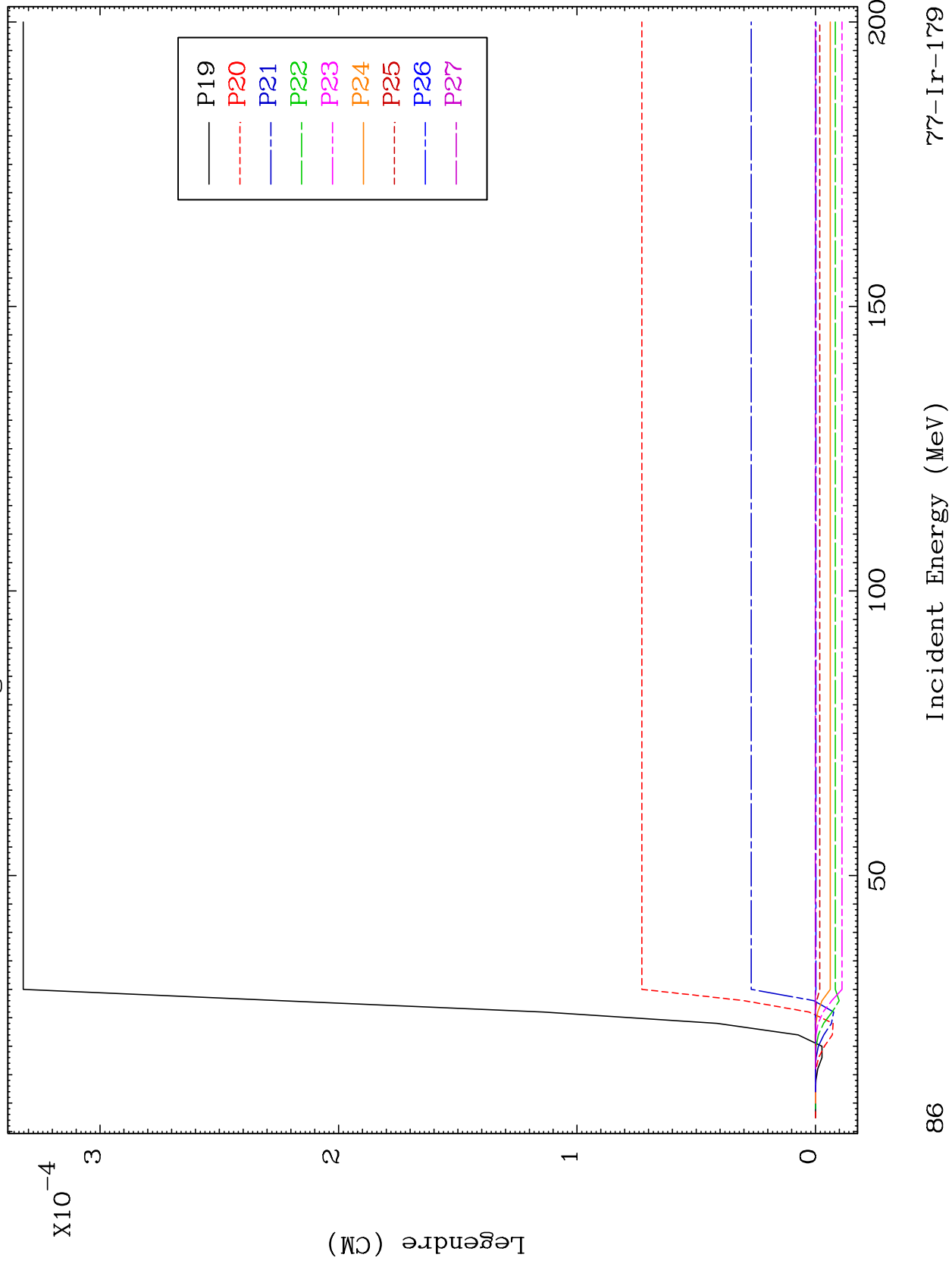
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



86

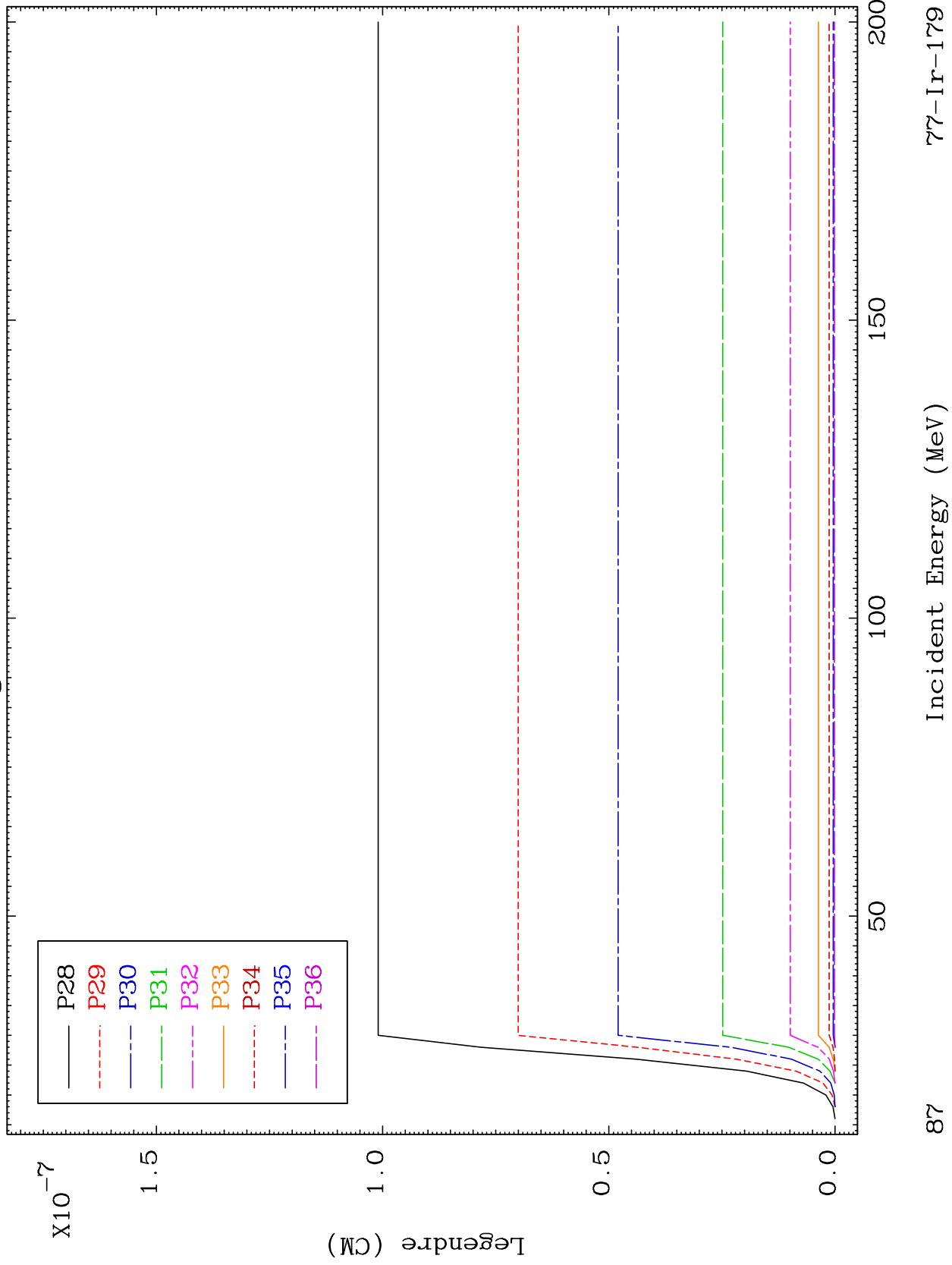
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179

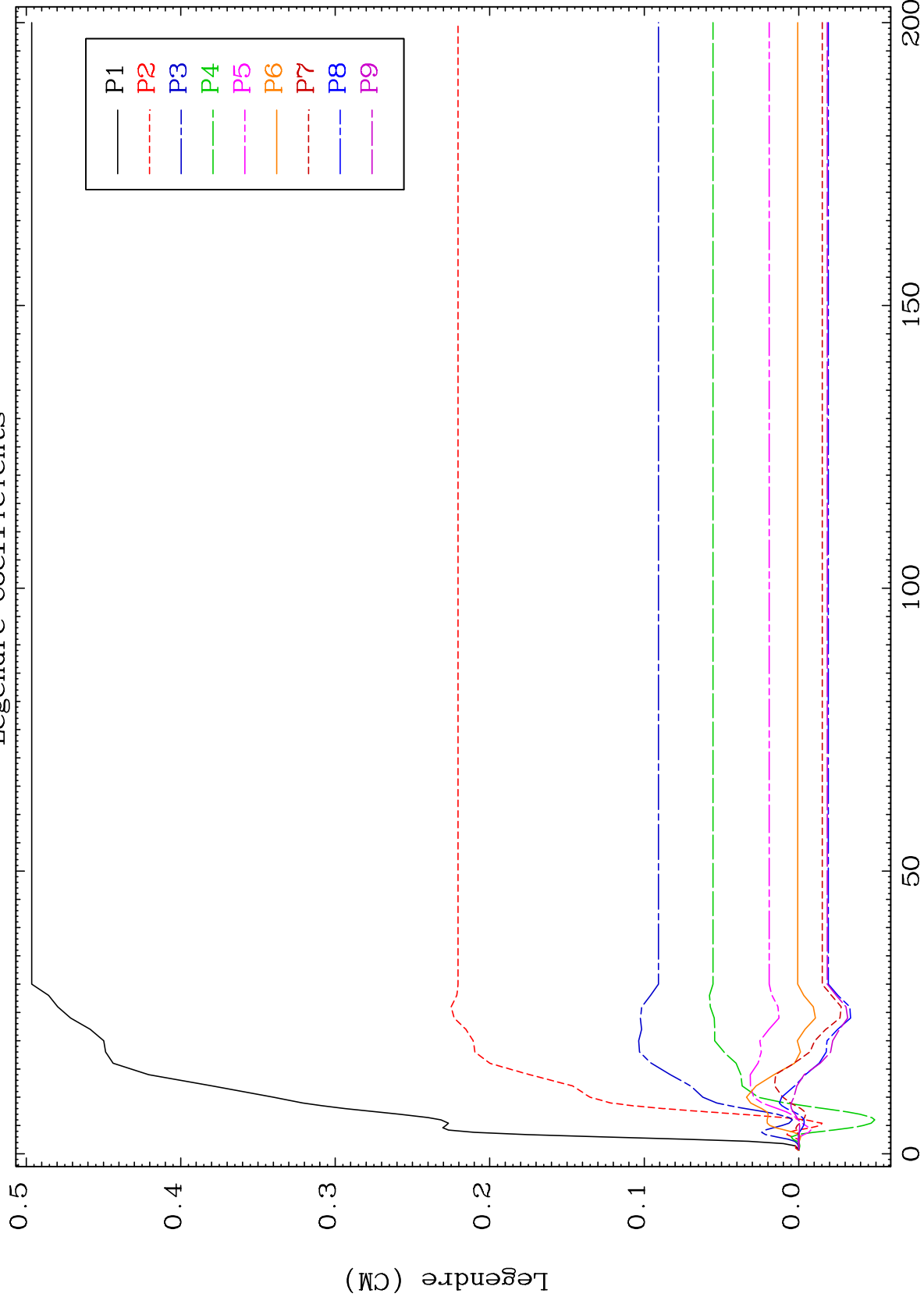




MAT 7689

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

<sup>77</sup>Ir-179



88

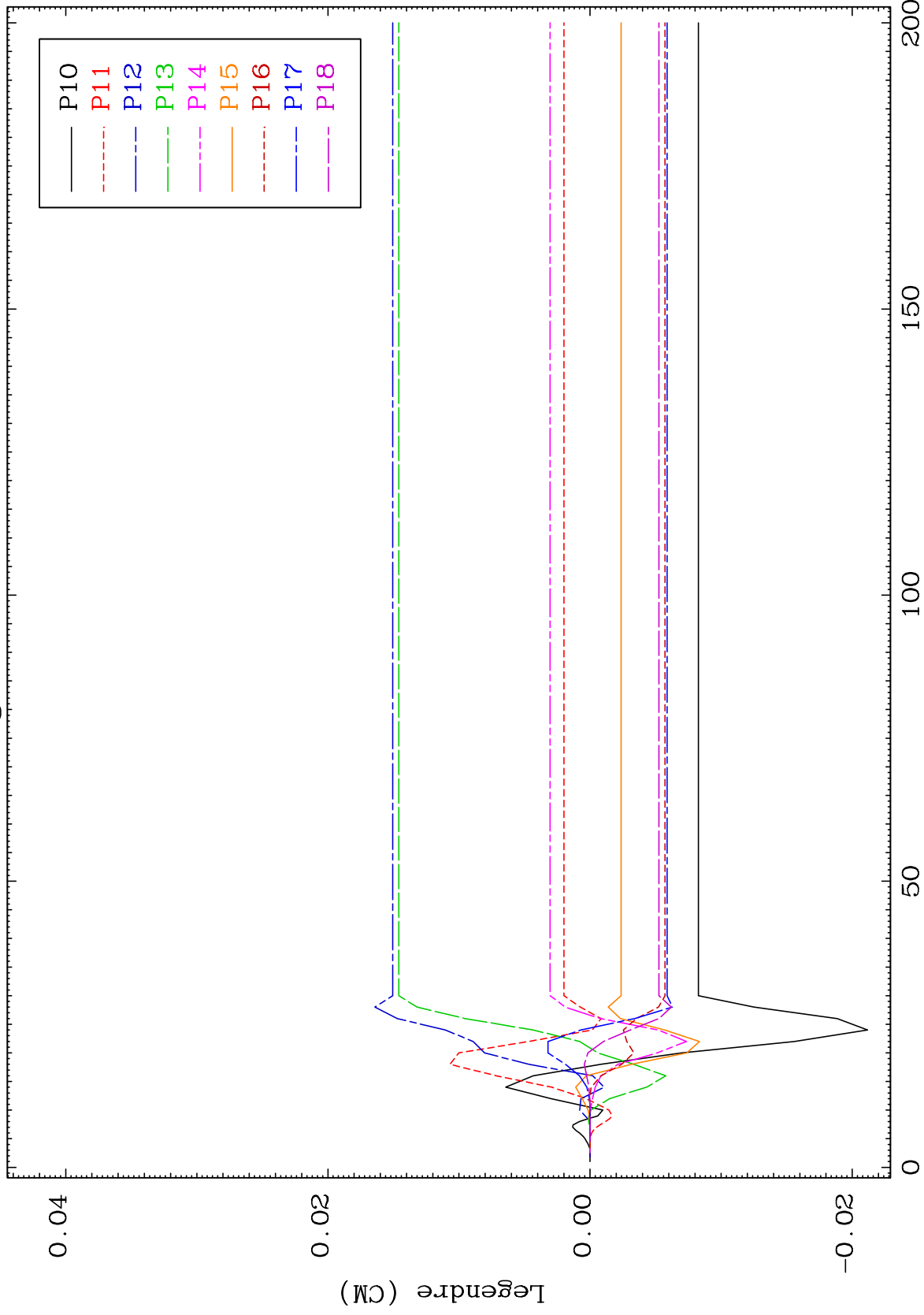
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

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

77-Ir-179



89

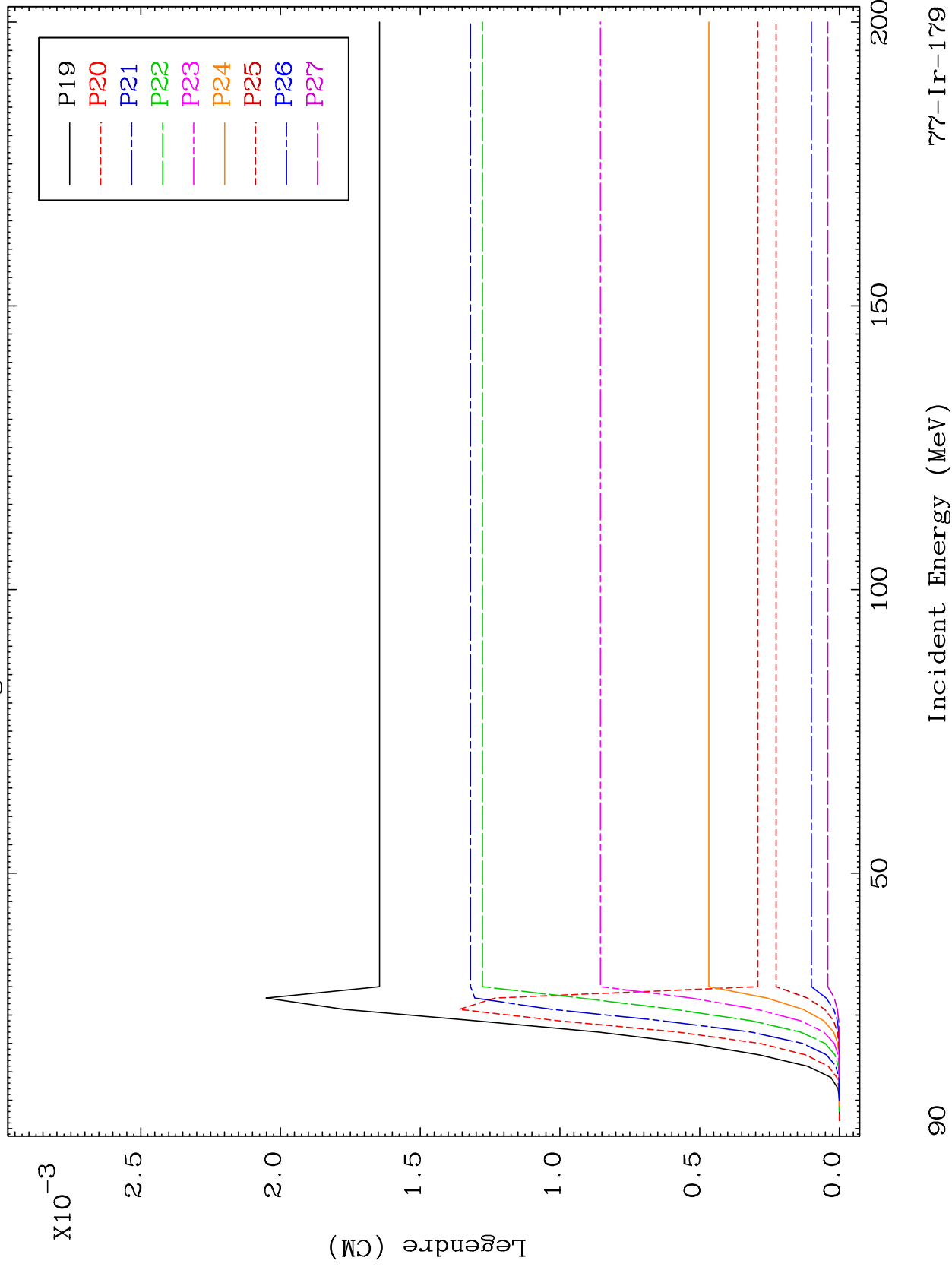
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

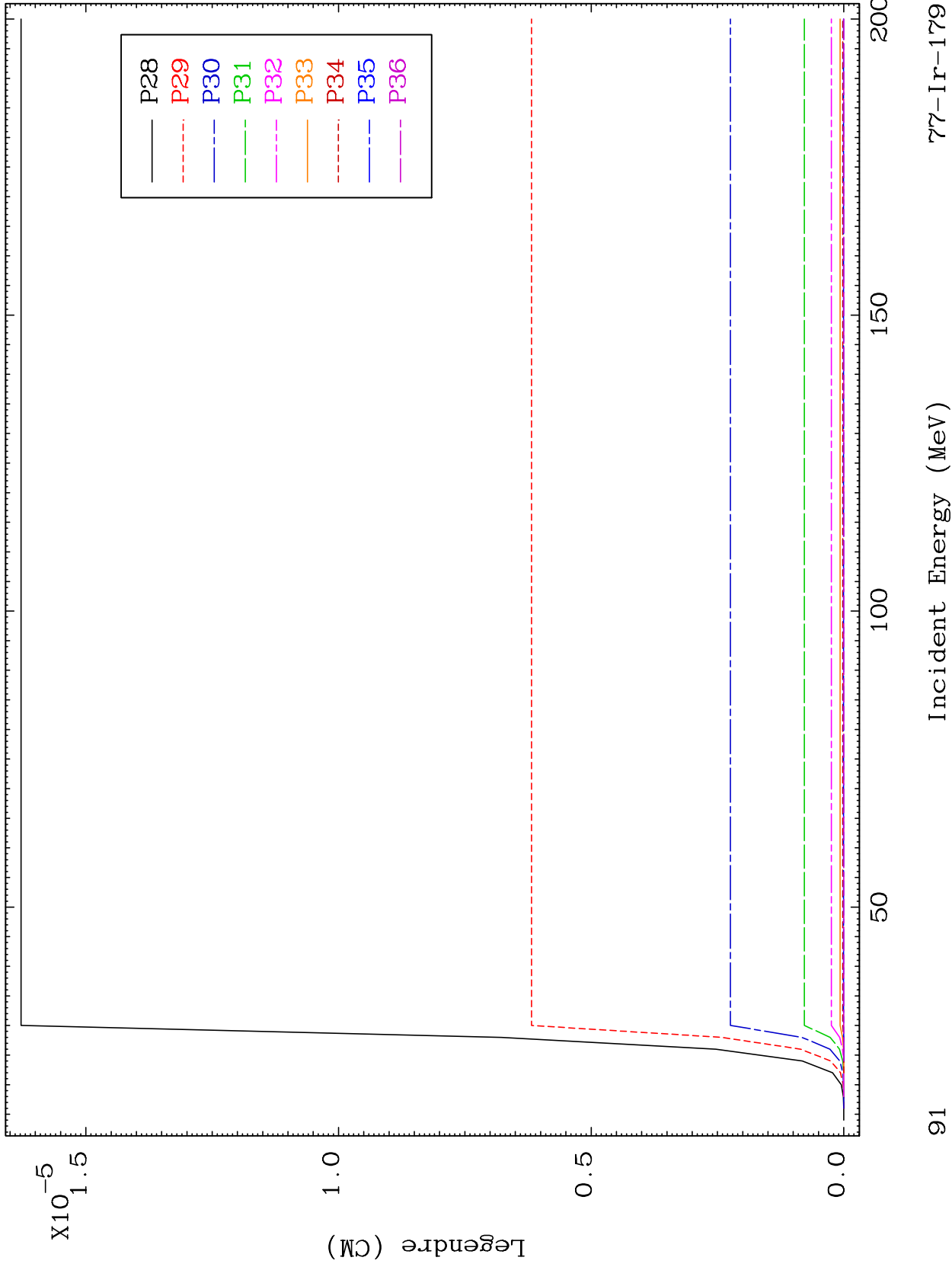
Incident Energy (MeV)

90

MAT 7689

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

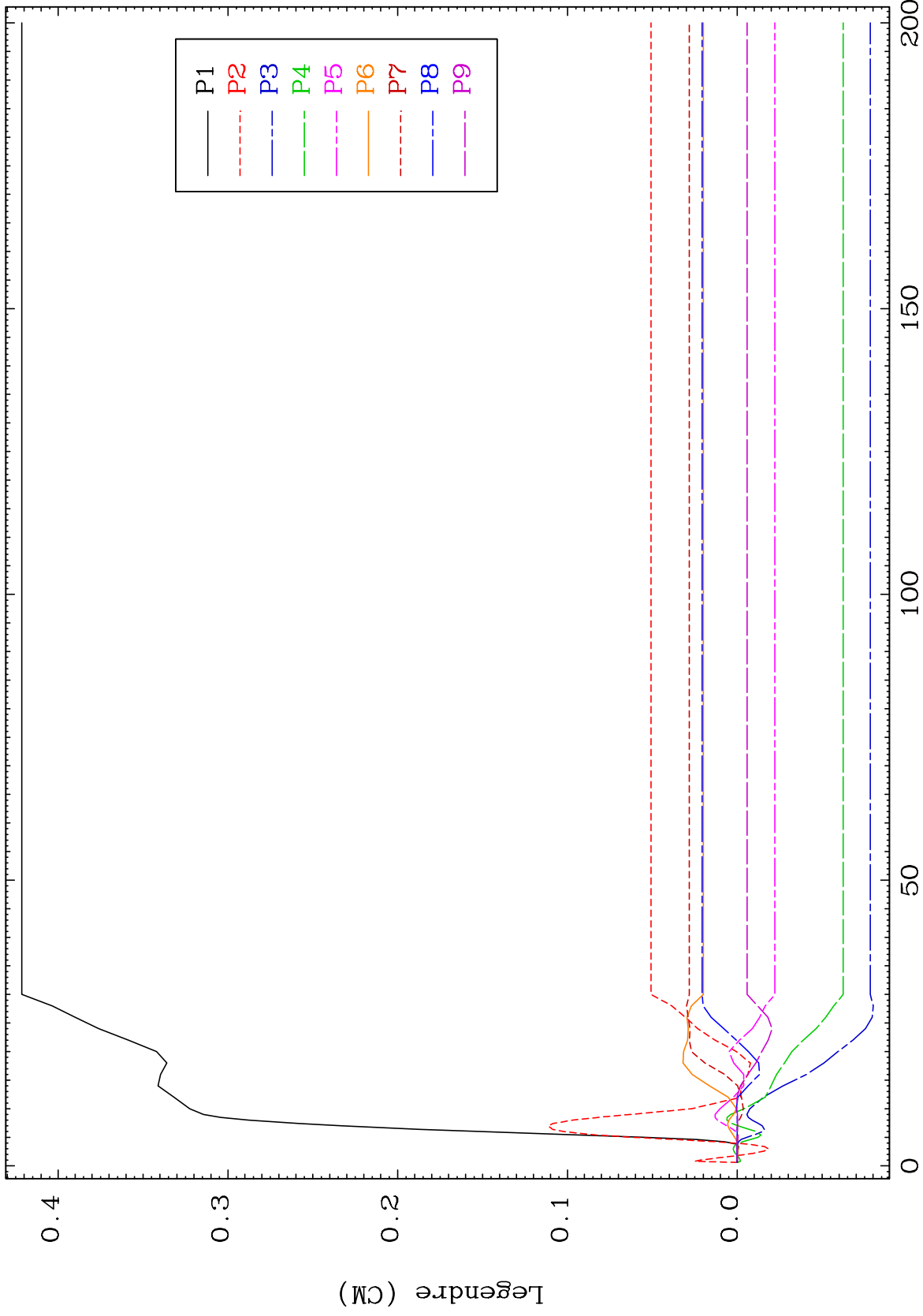
77-Ir-179



MAT 7689

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

77-Ir-179



92

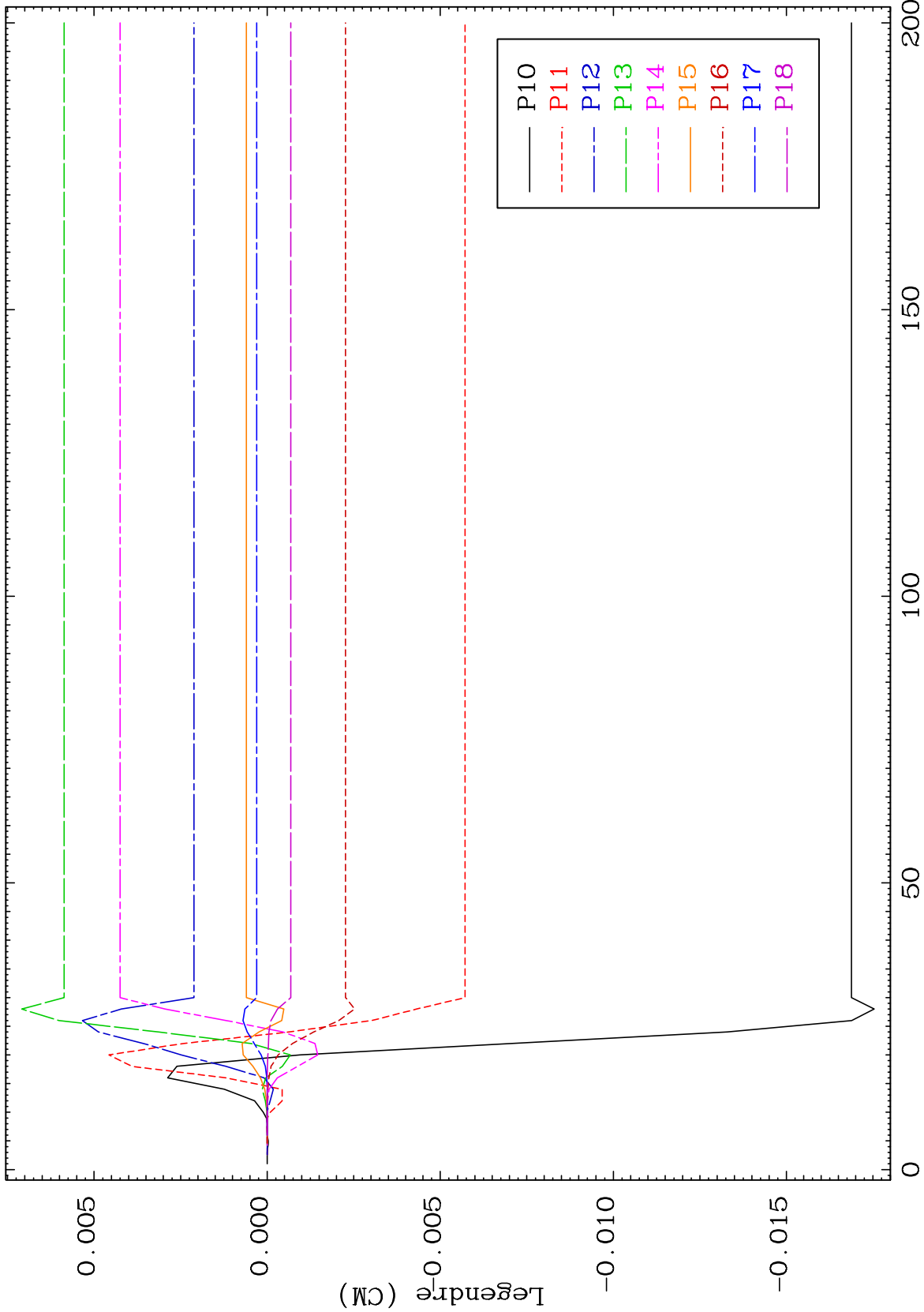
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



93

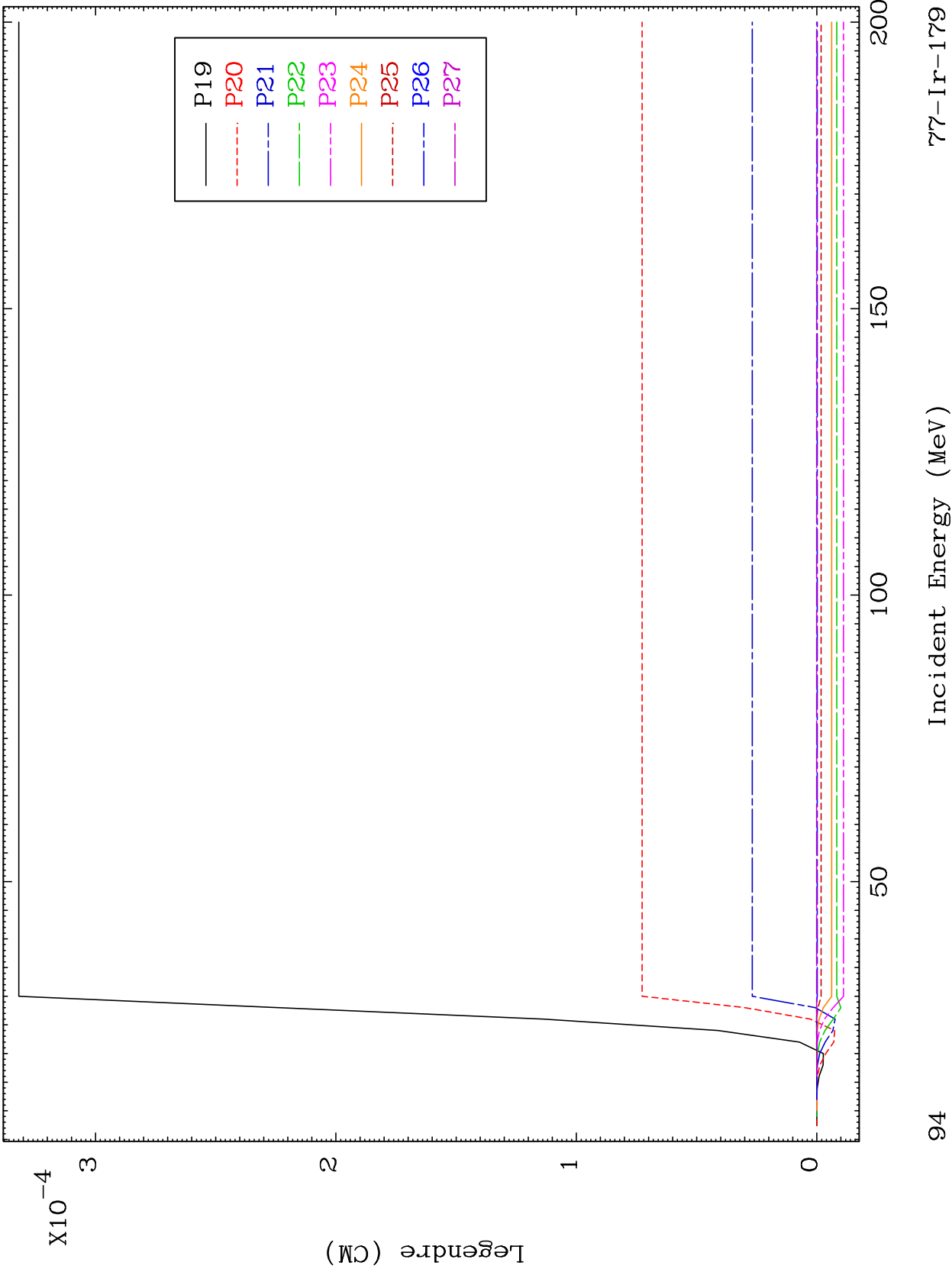
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



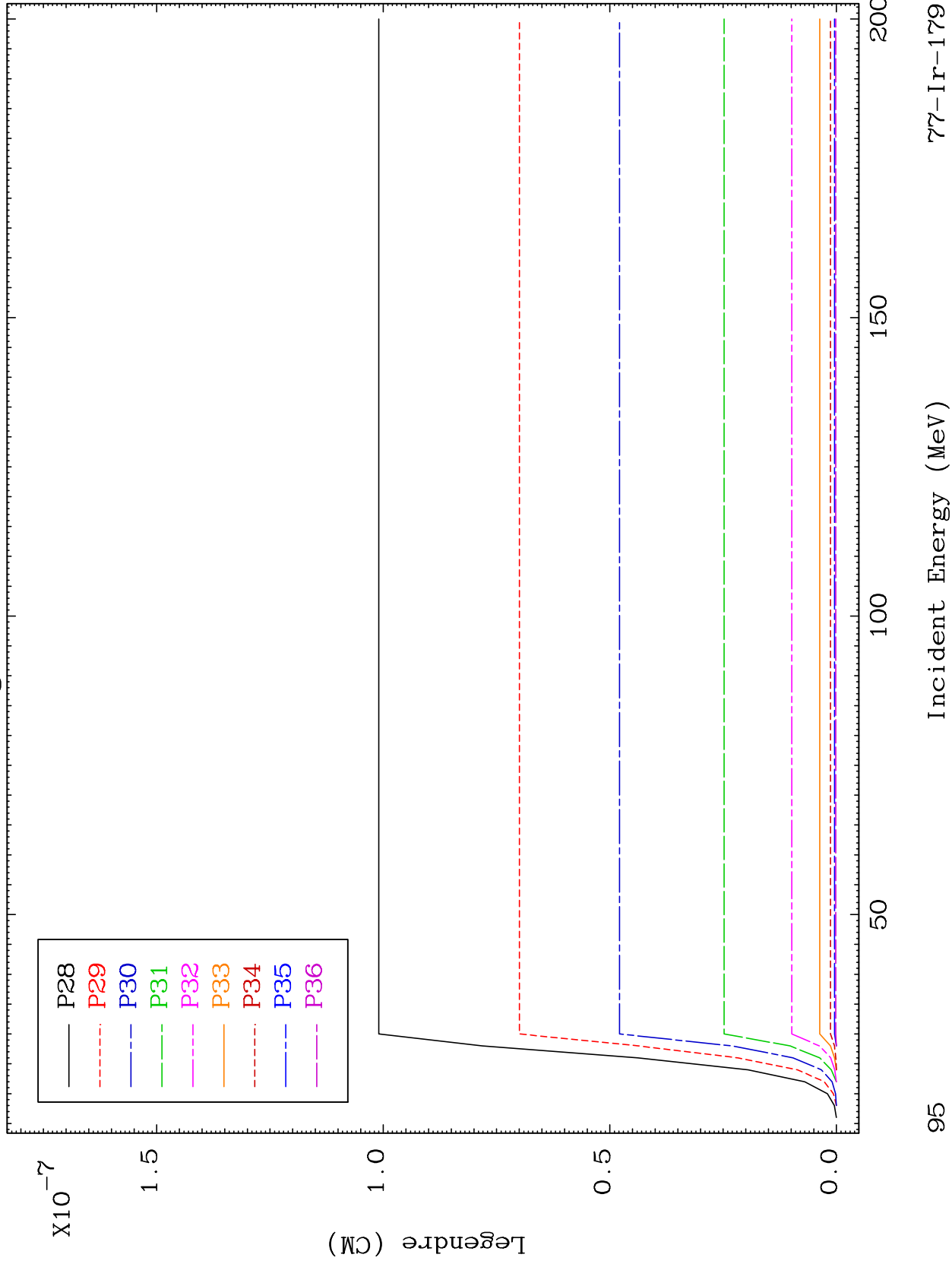
94

77-Ir-179

MAT 7689

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

<sup>77</sup>Ir-179



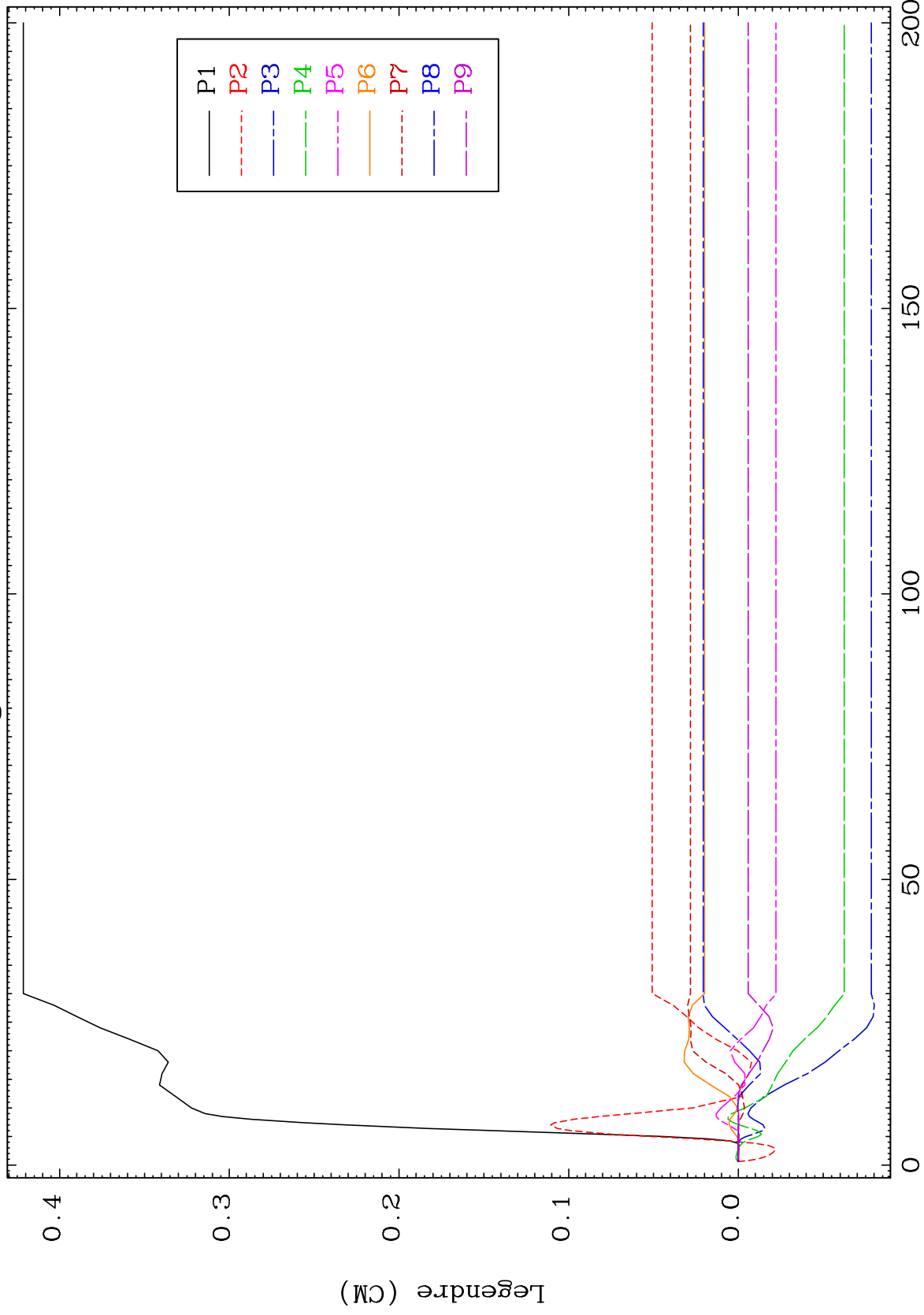
<sup>77</sup>Ir-179



MAT 7689

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

77-Ir-179



96

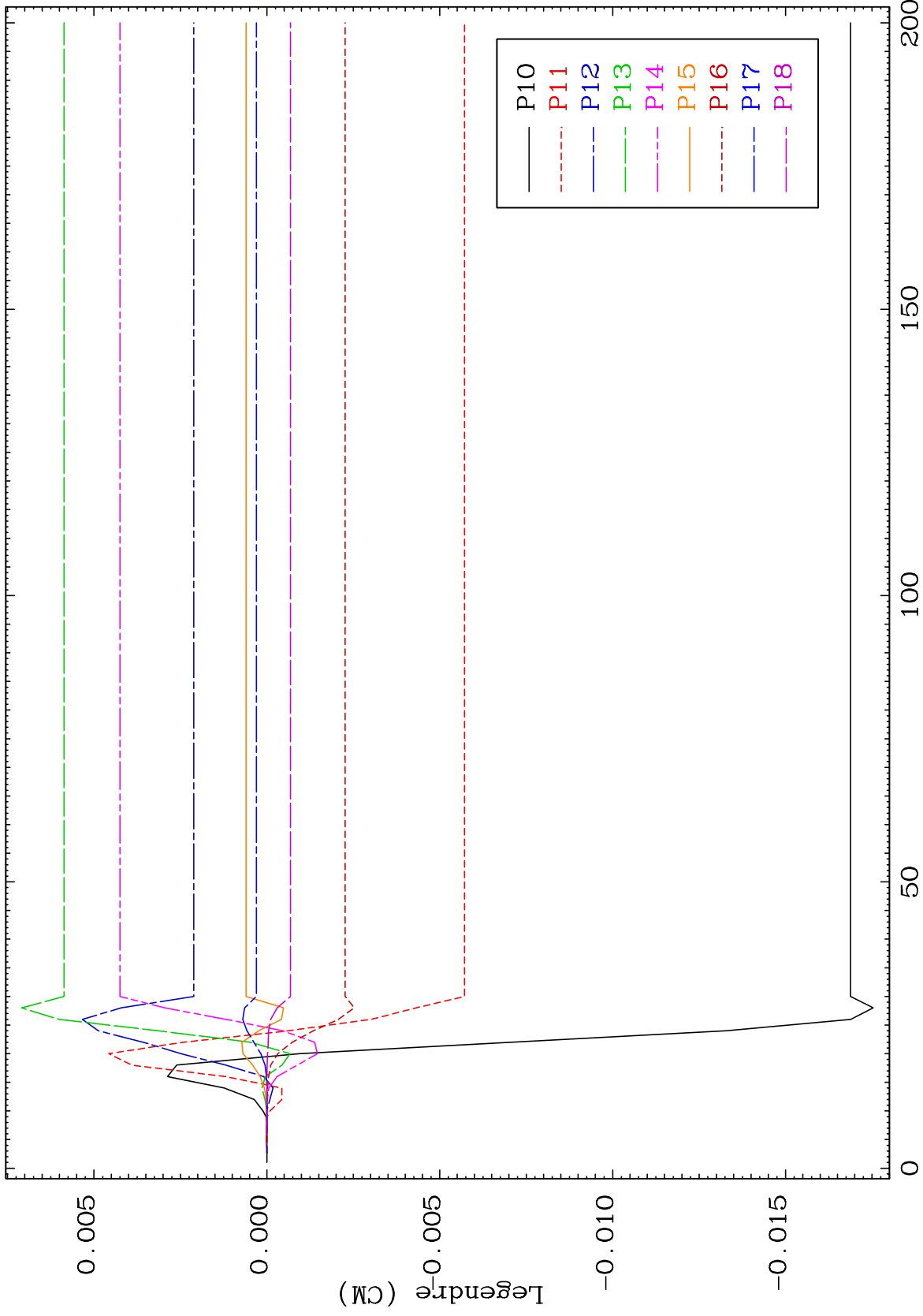
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



97

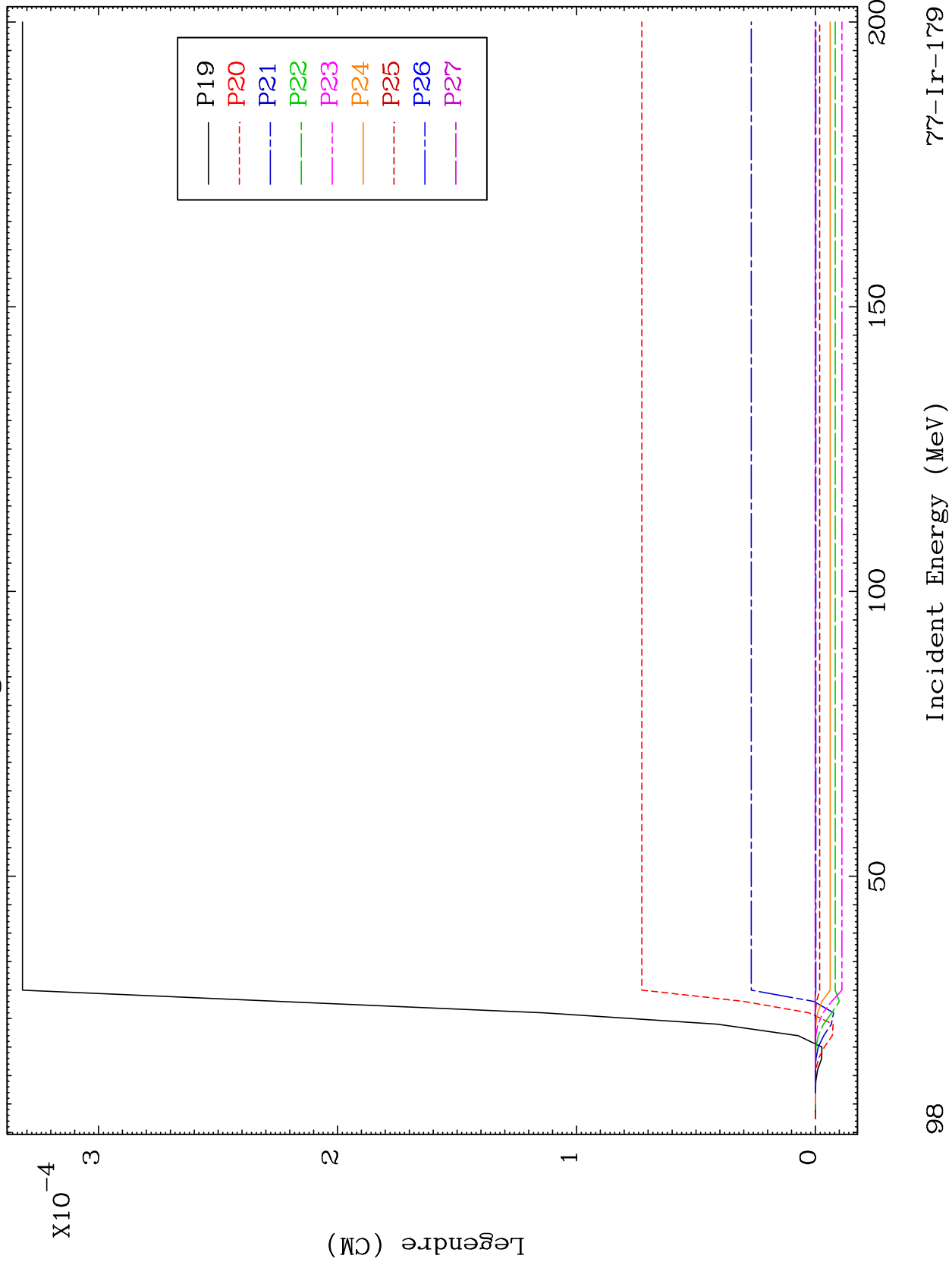
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



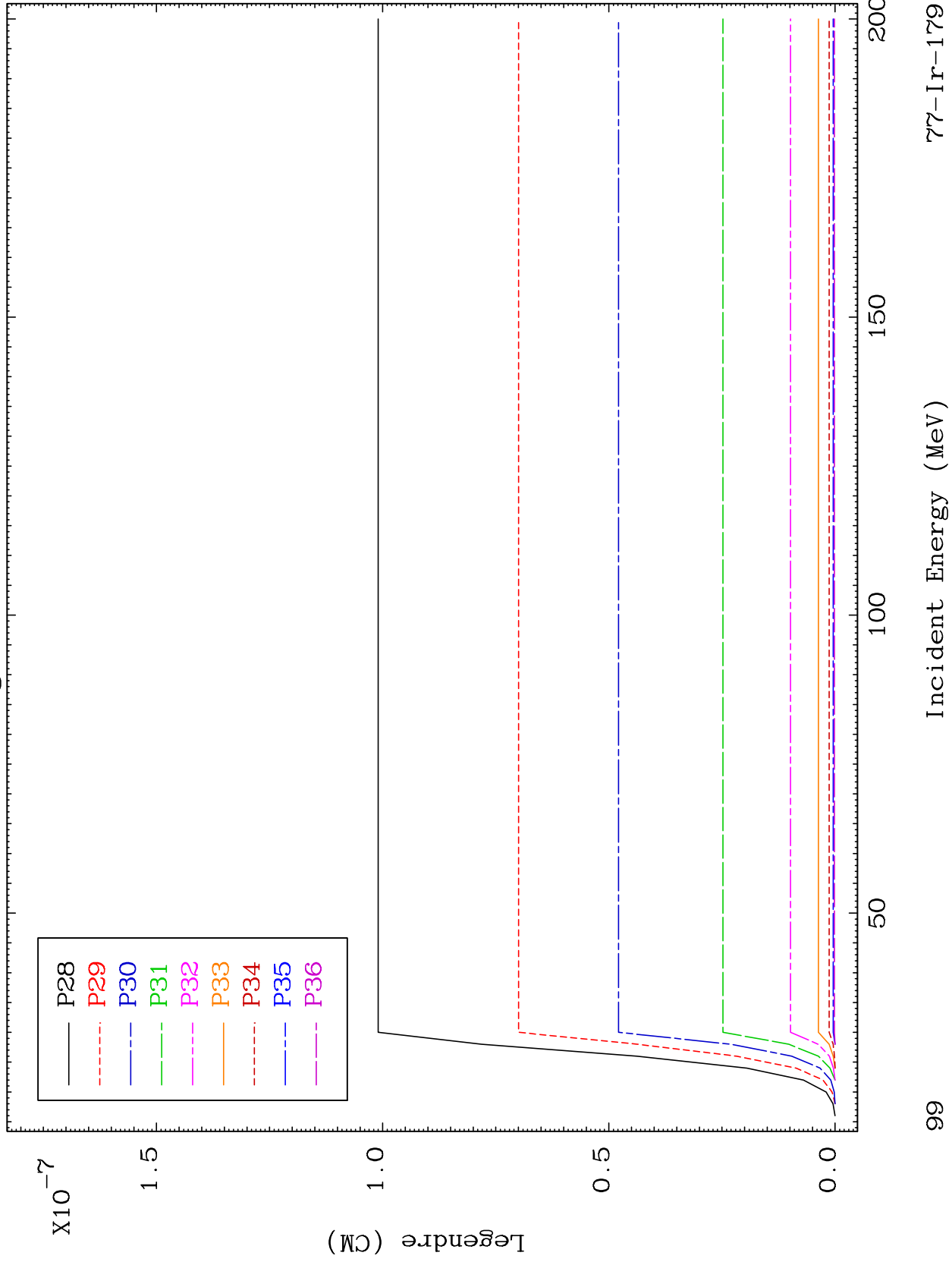
98

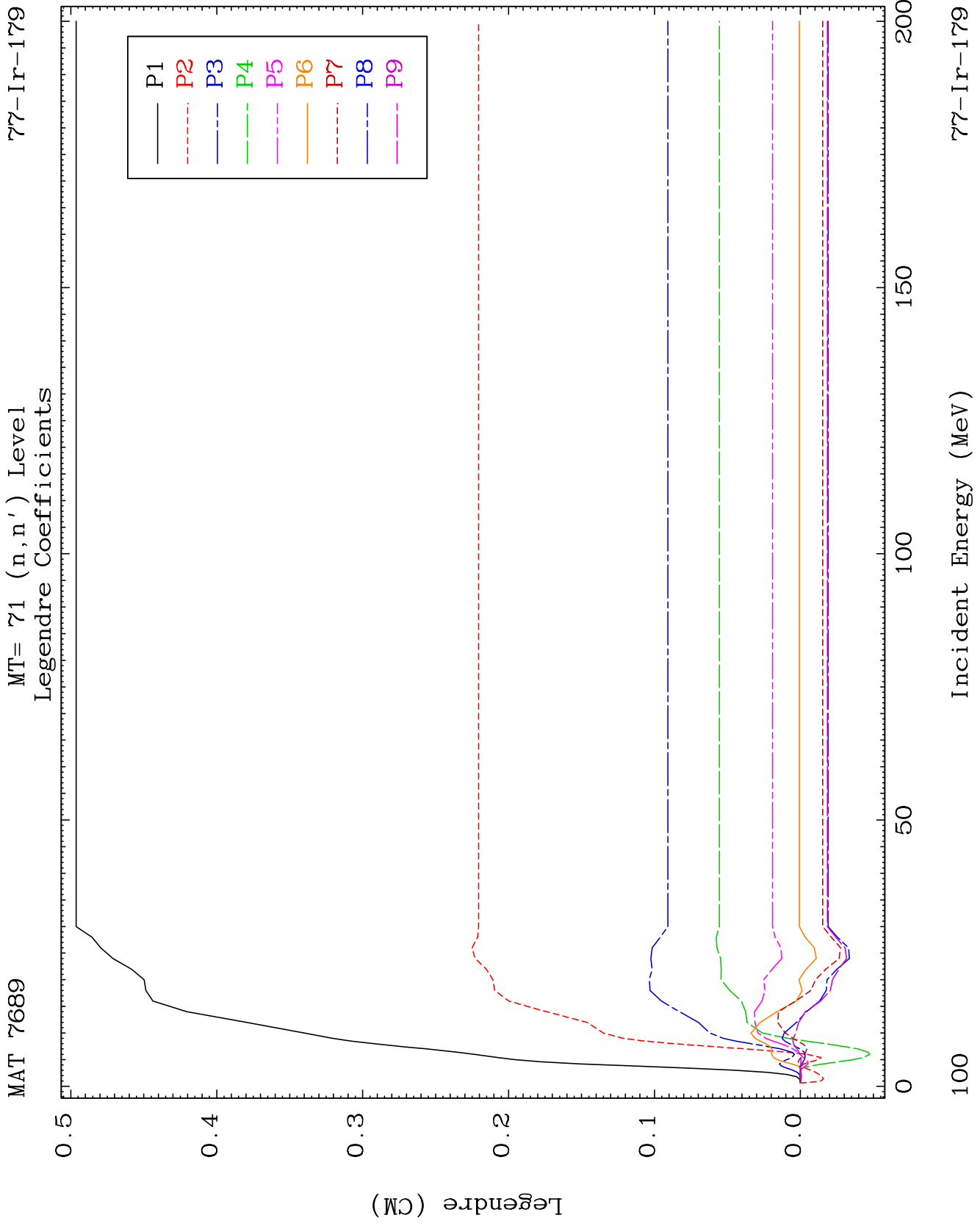
77-Ir-179

MAT 7689

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

77-Ir-179

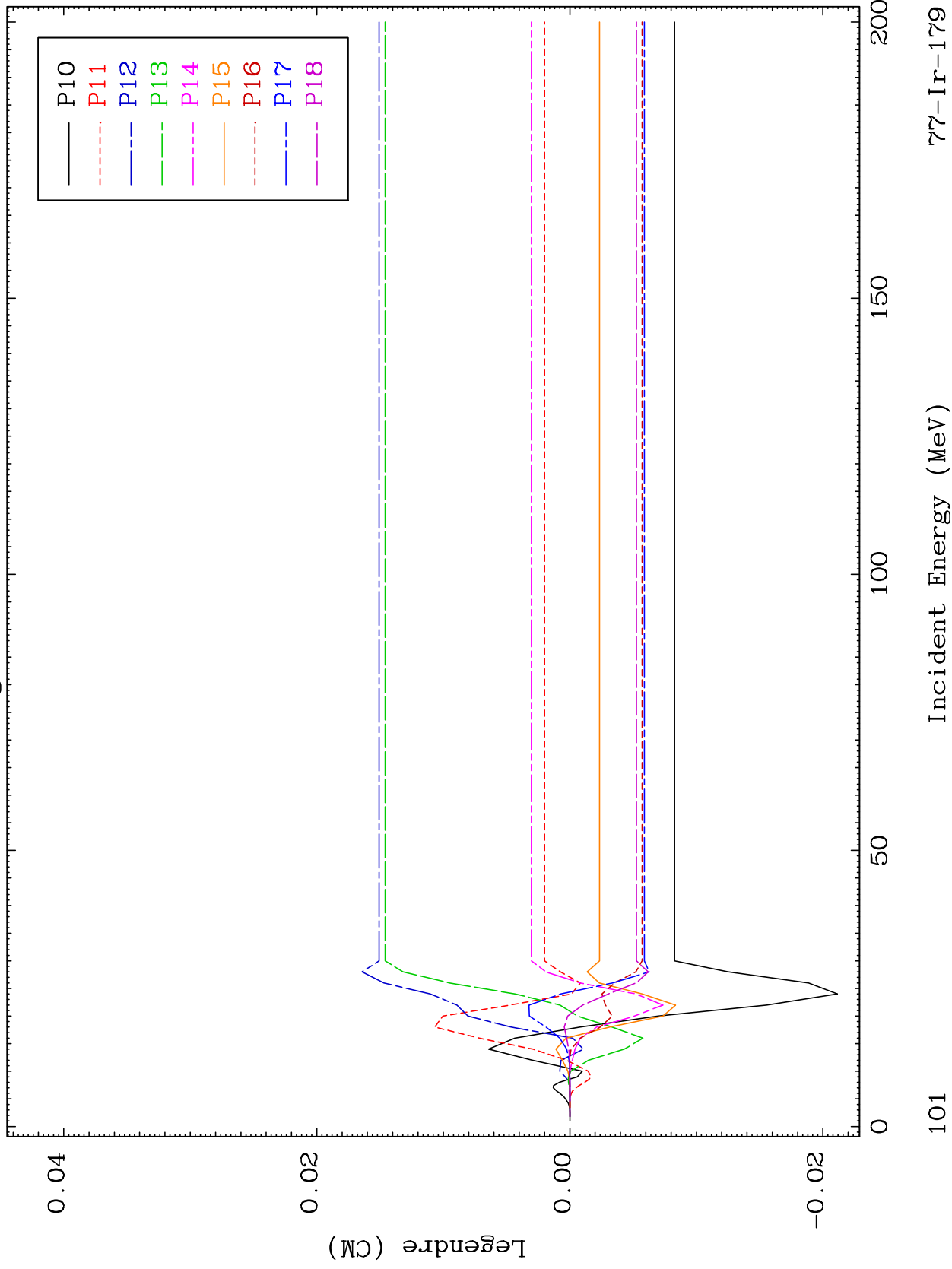




MAT 7689

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

77-Ir-179



101

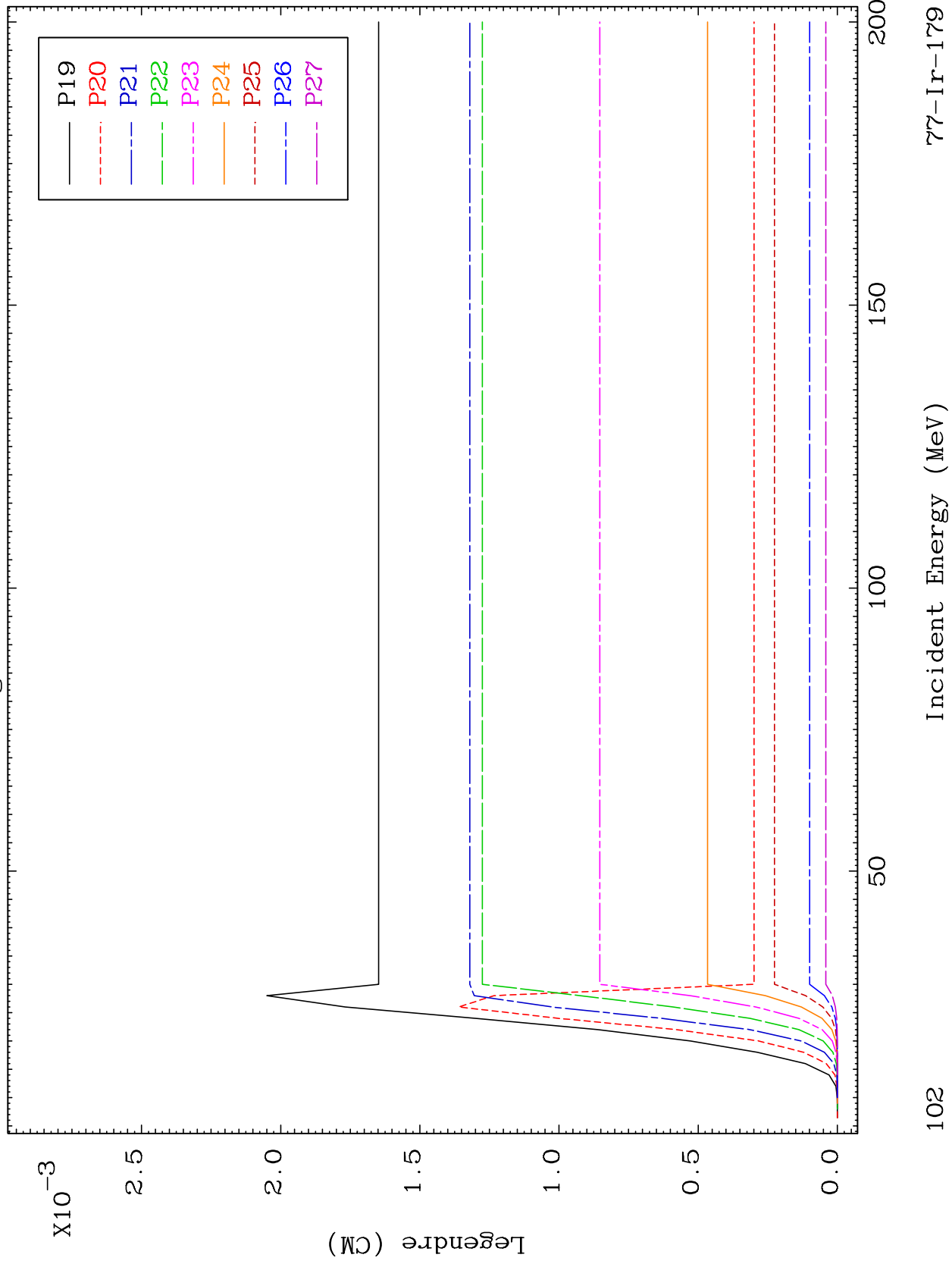
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



102

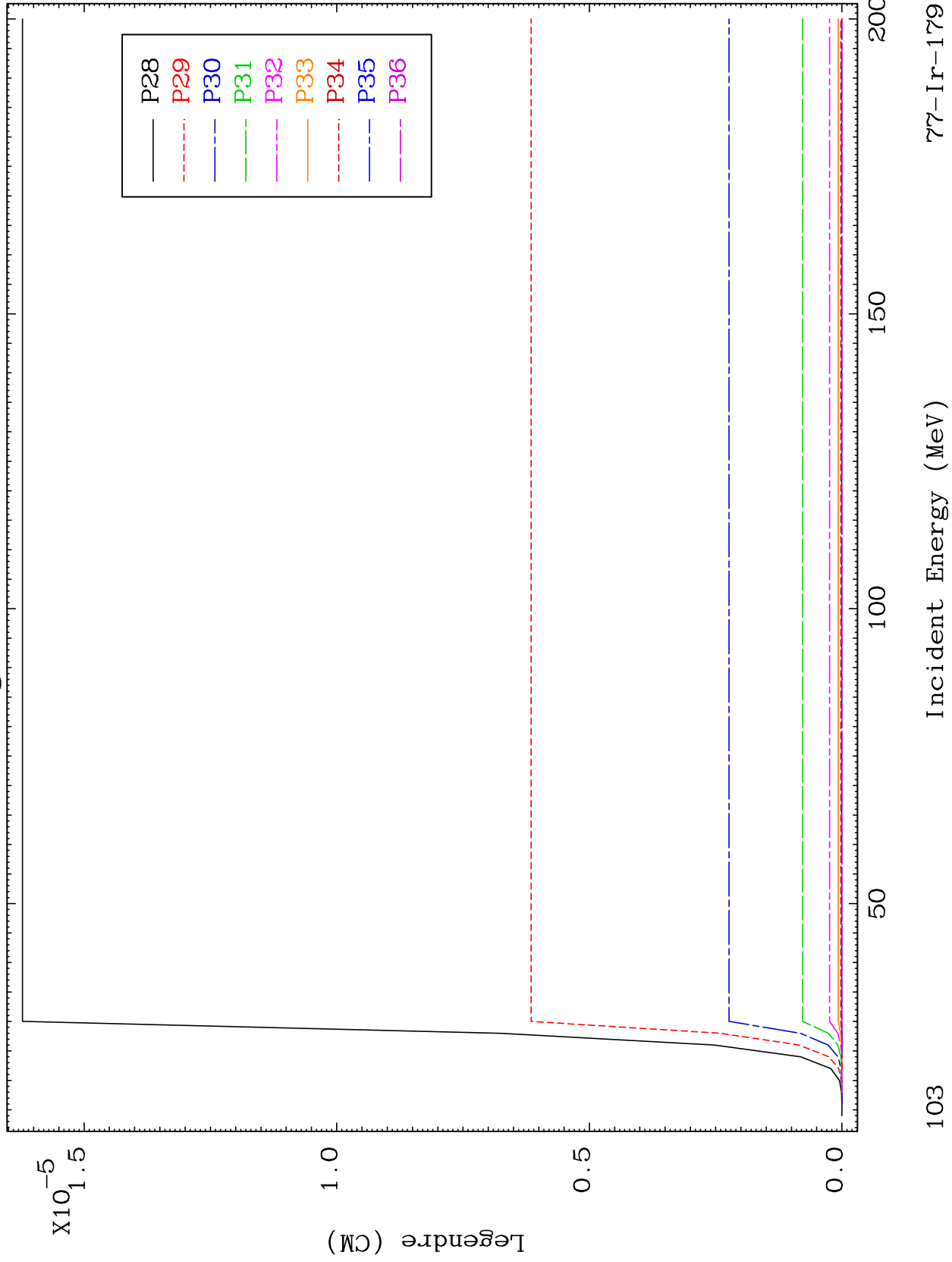
Incident Energy (MeV)

77-Ir-179

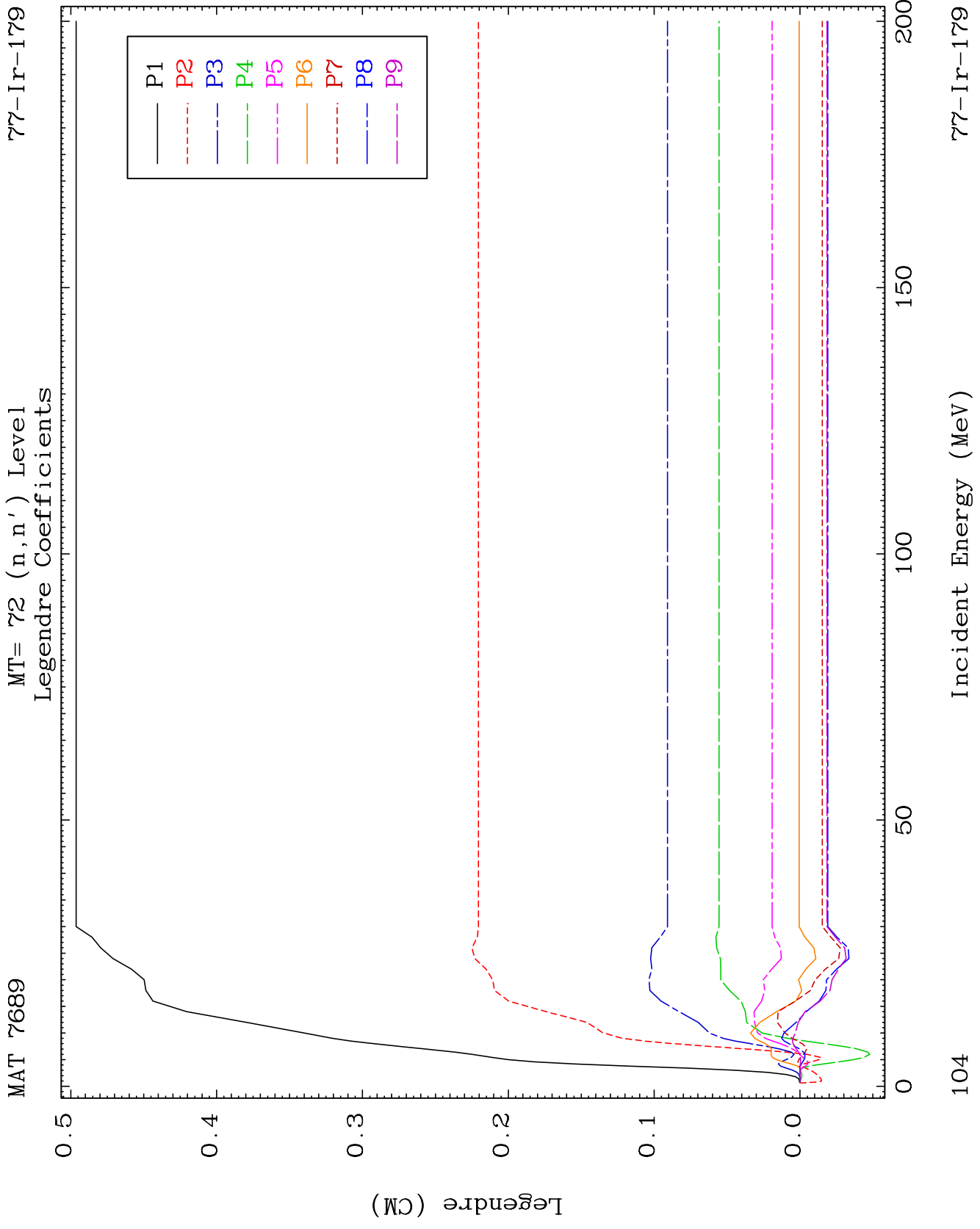
MAT 7689

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

77-Ir-179



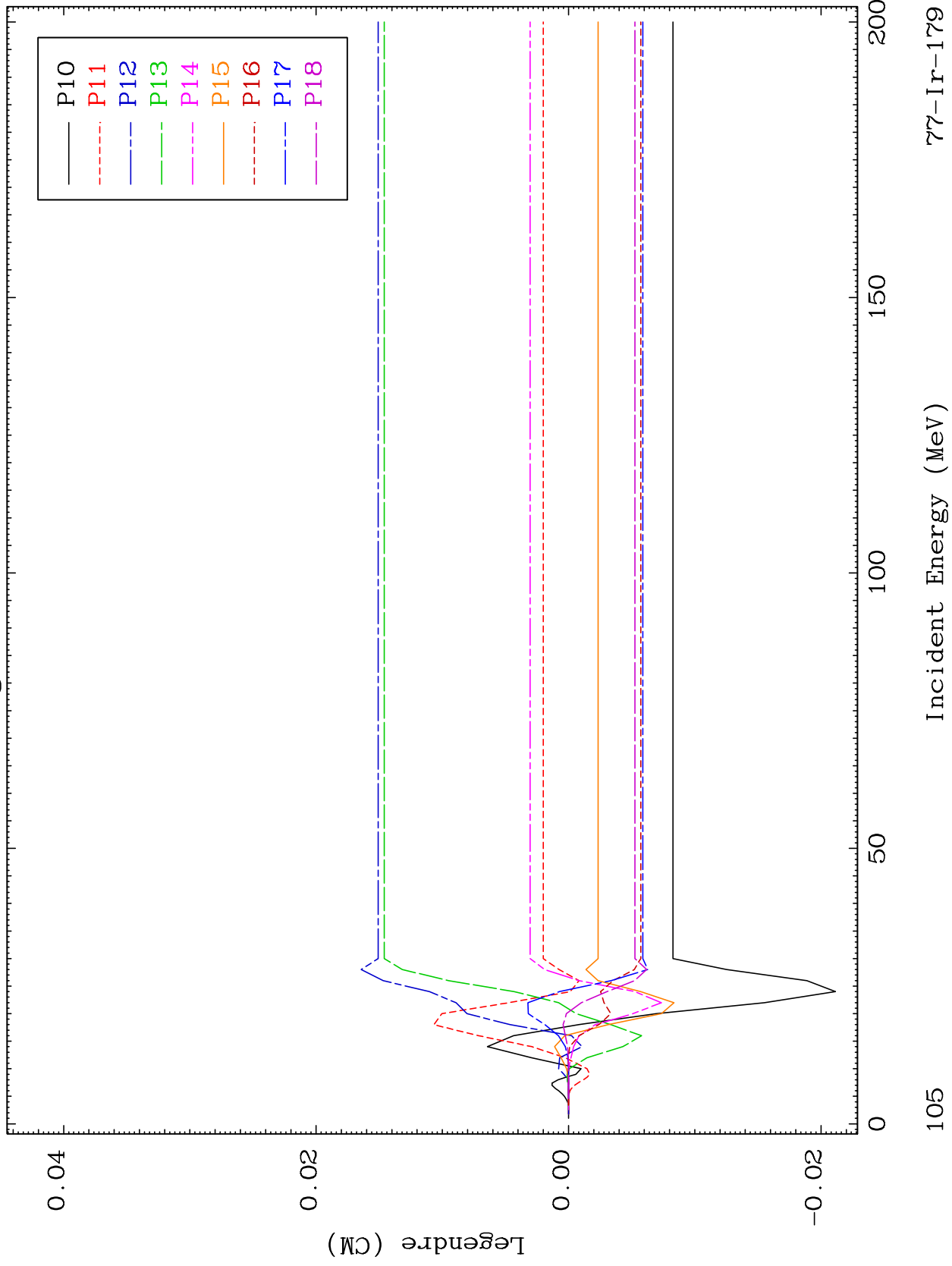




MAT 7689

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

77-Ir-179



77-Ir-179

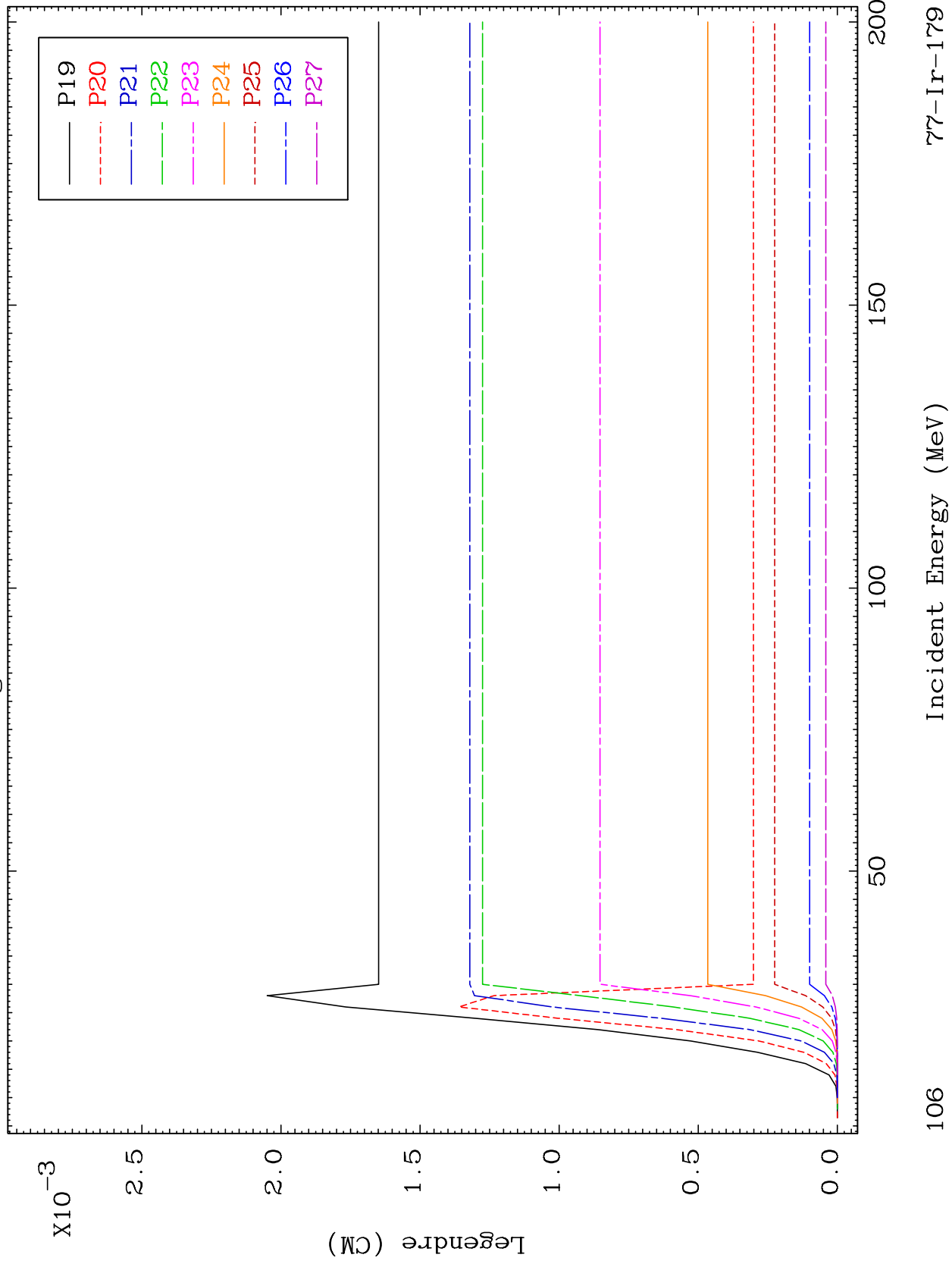
Incident Energy (MeV)

105

MAT 7689

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

77-Ir-179



106

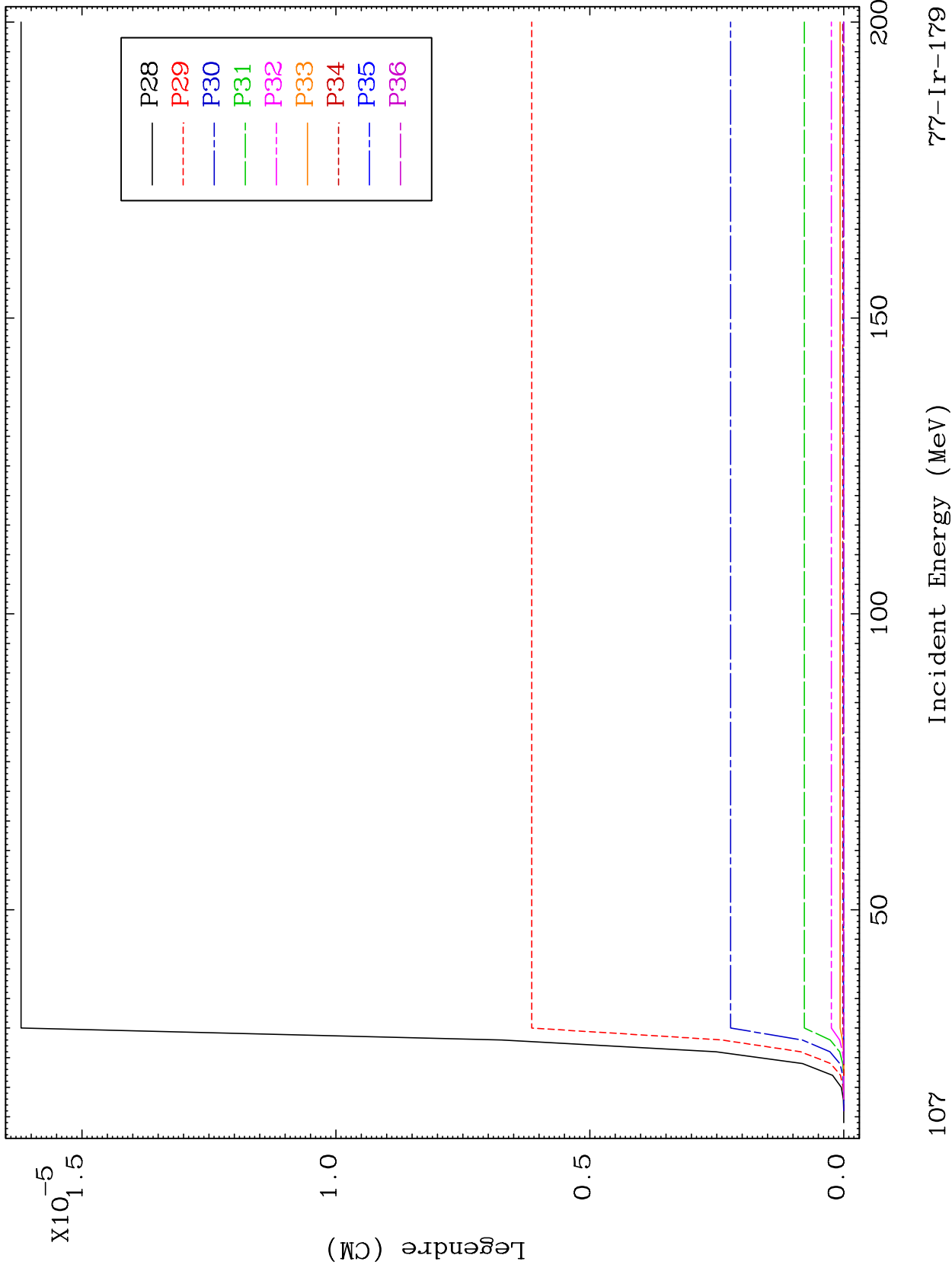
Incident Energy (MeV)

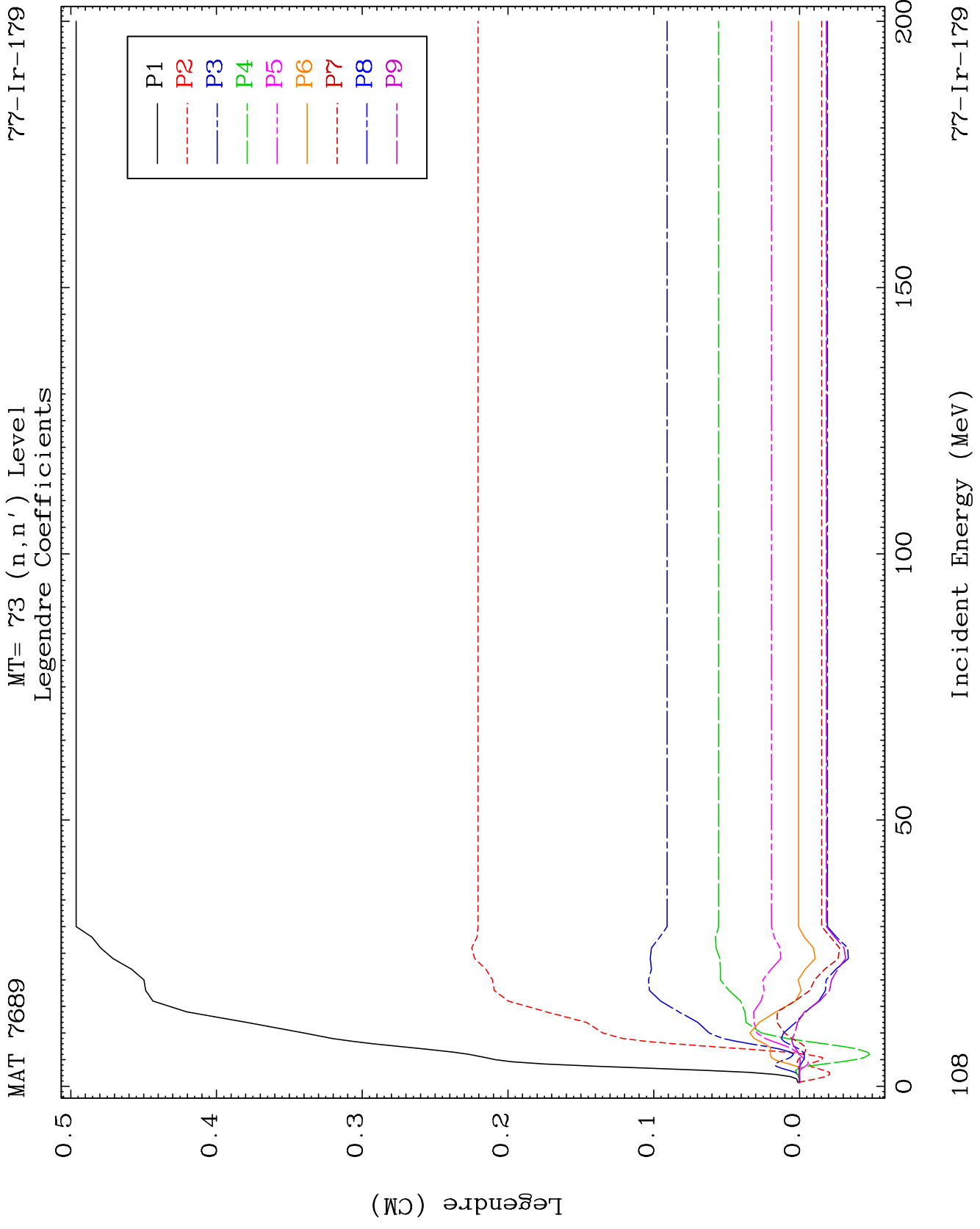
77-Ir-179

MAT 7689

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

77-Ir-179

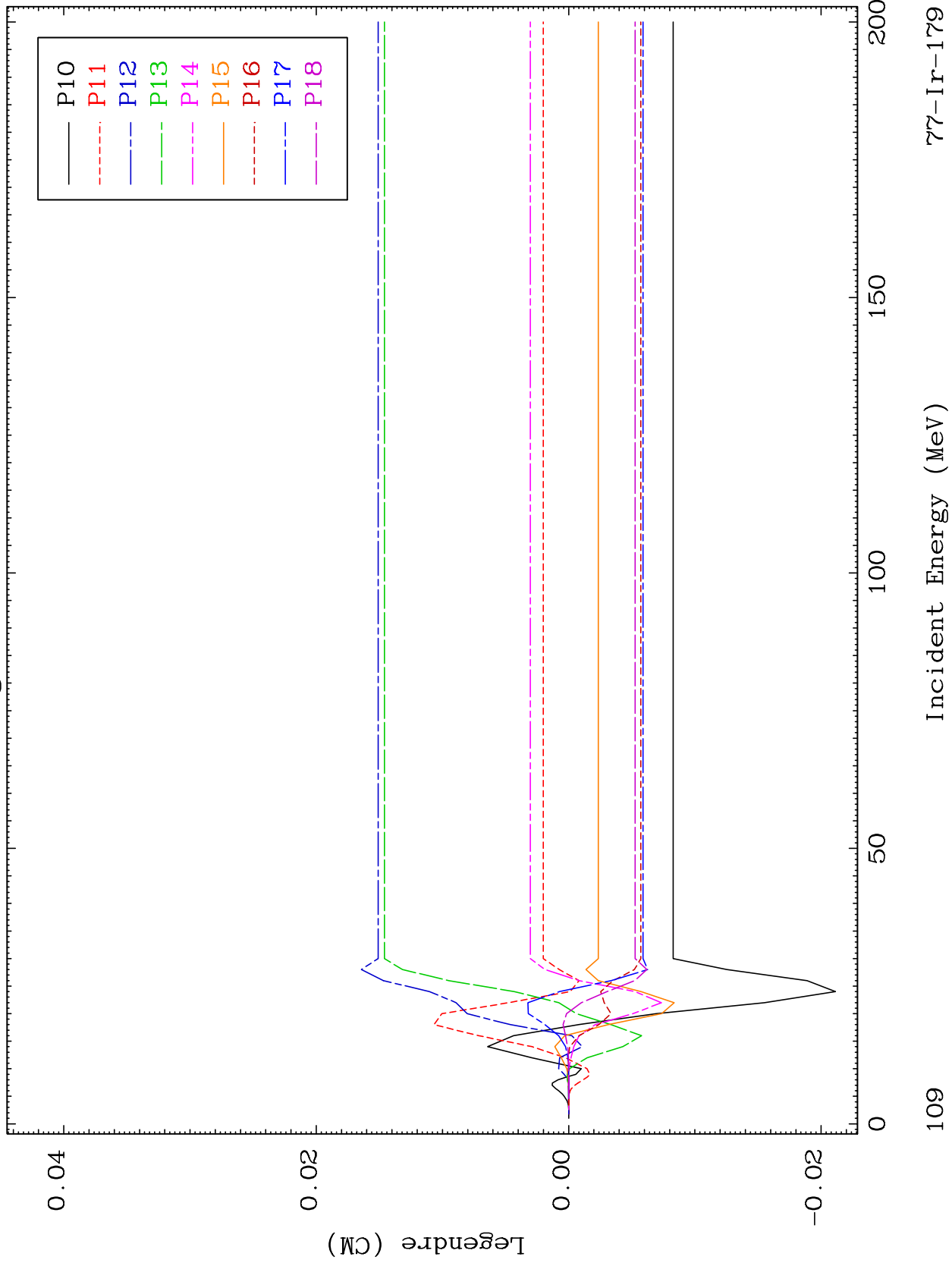




MAT 7689

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

77-Ir-179



77-Ir-179

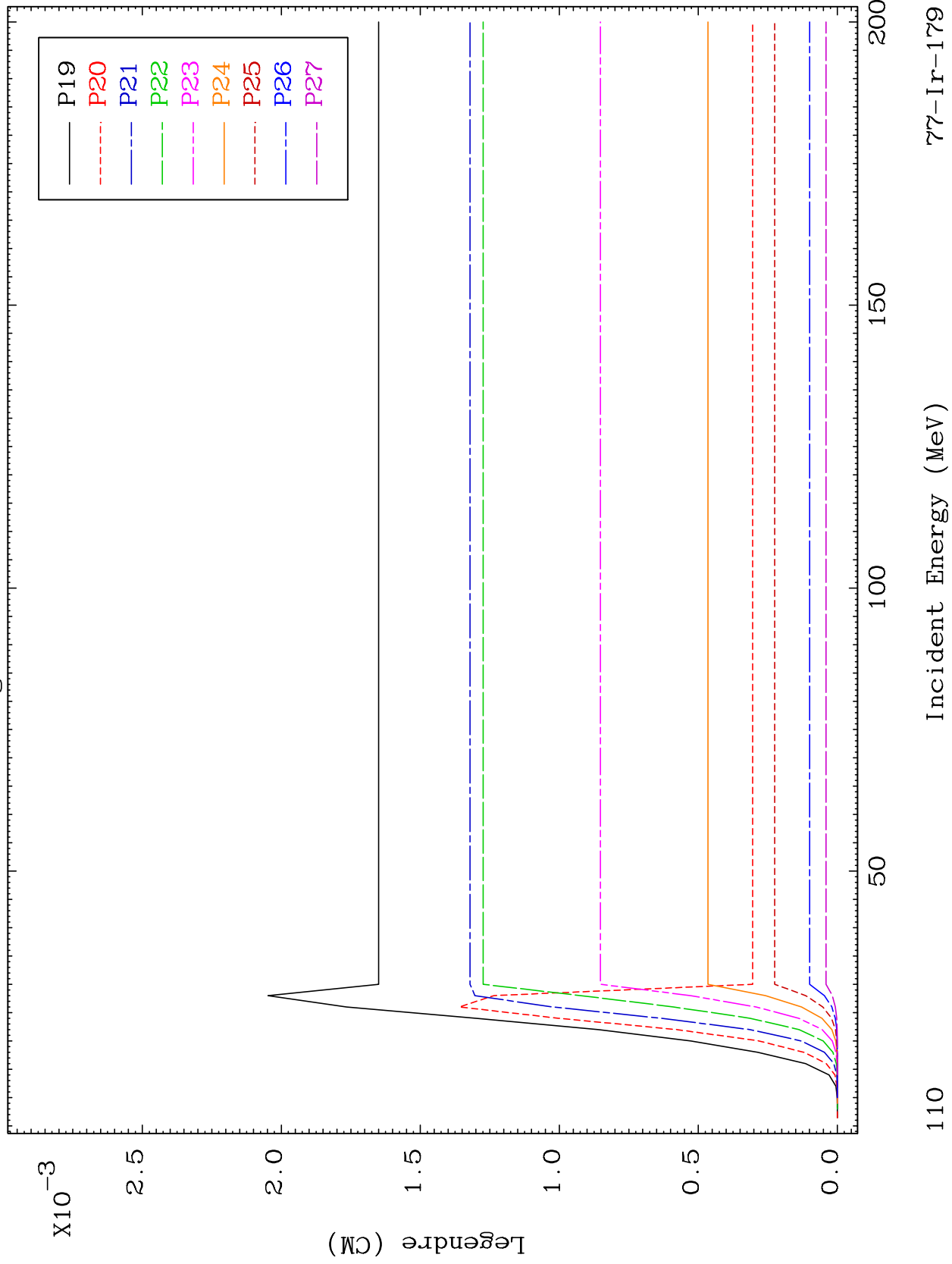
Incident Energy (MeV)

109

MAT 7689

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

77-Ir-179



110

Incident Energy (MeV)

77-Ir-179

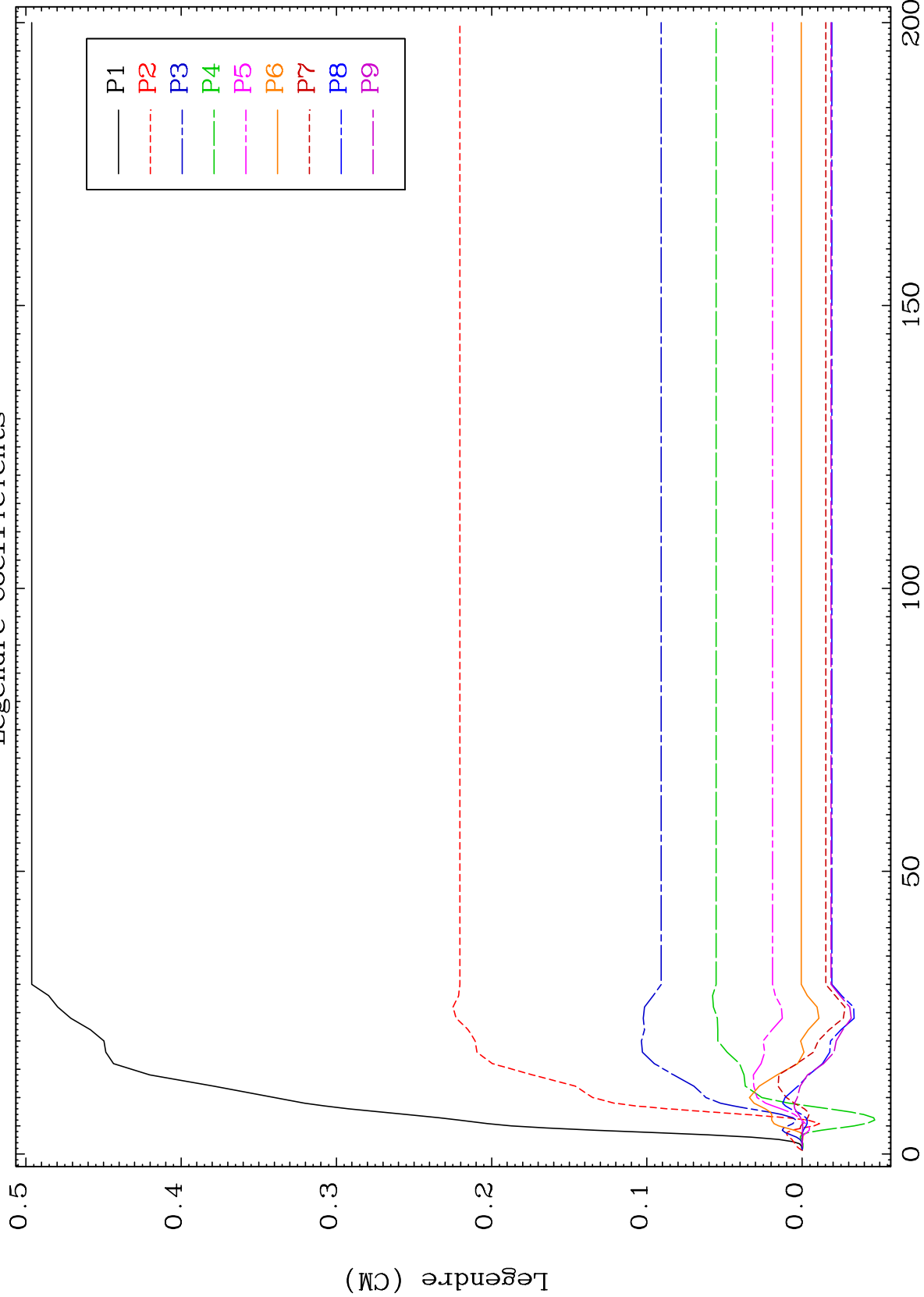




MAT 7689

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

77-Ir-179



77-Ir-179

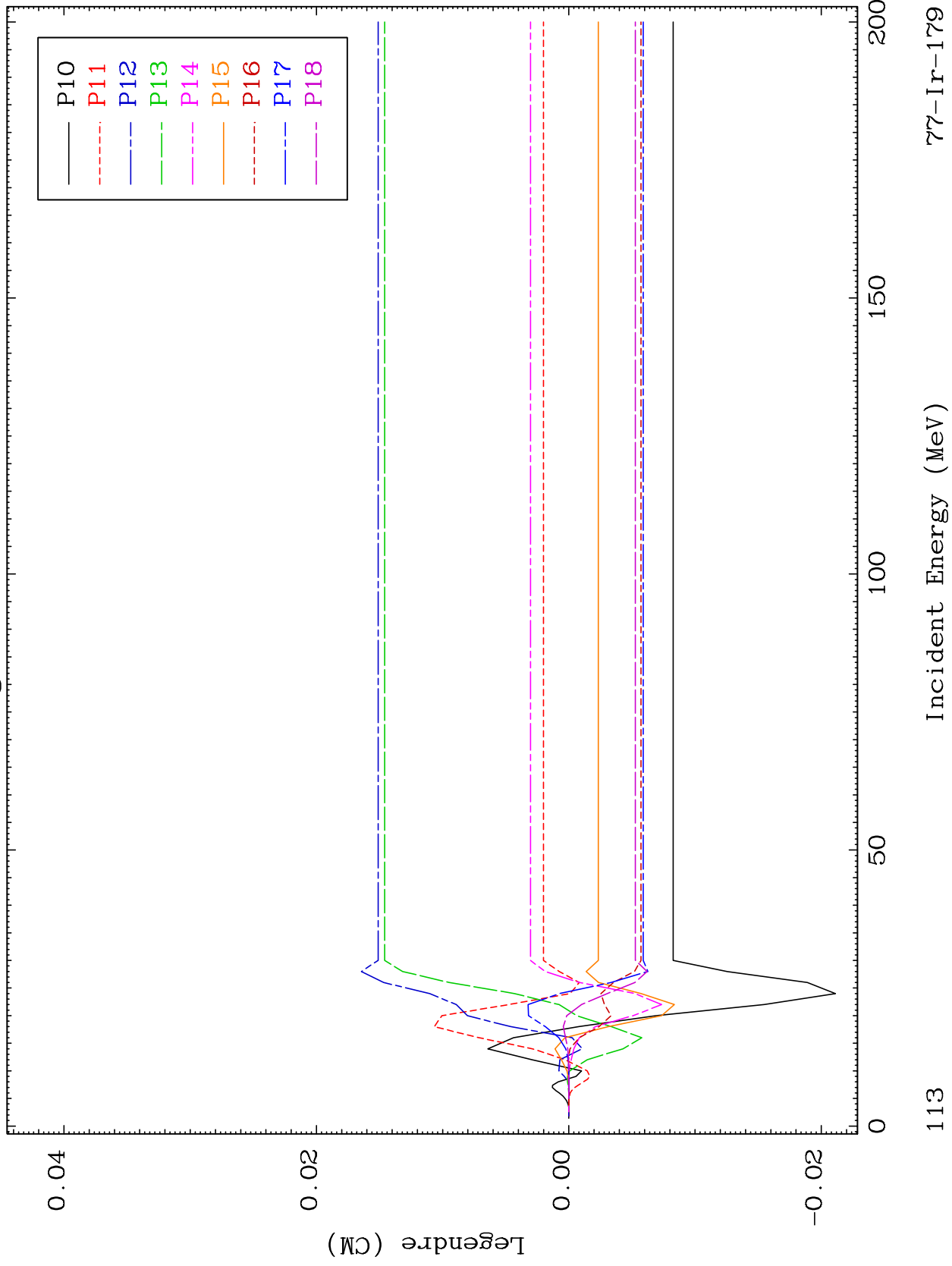
Incident Energy (MeV)

112

MAT 7689

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

77-Ir-179



77-Ir-179

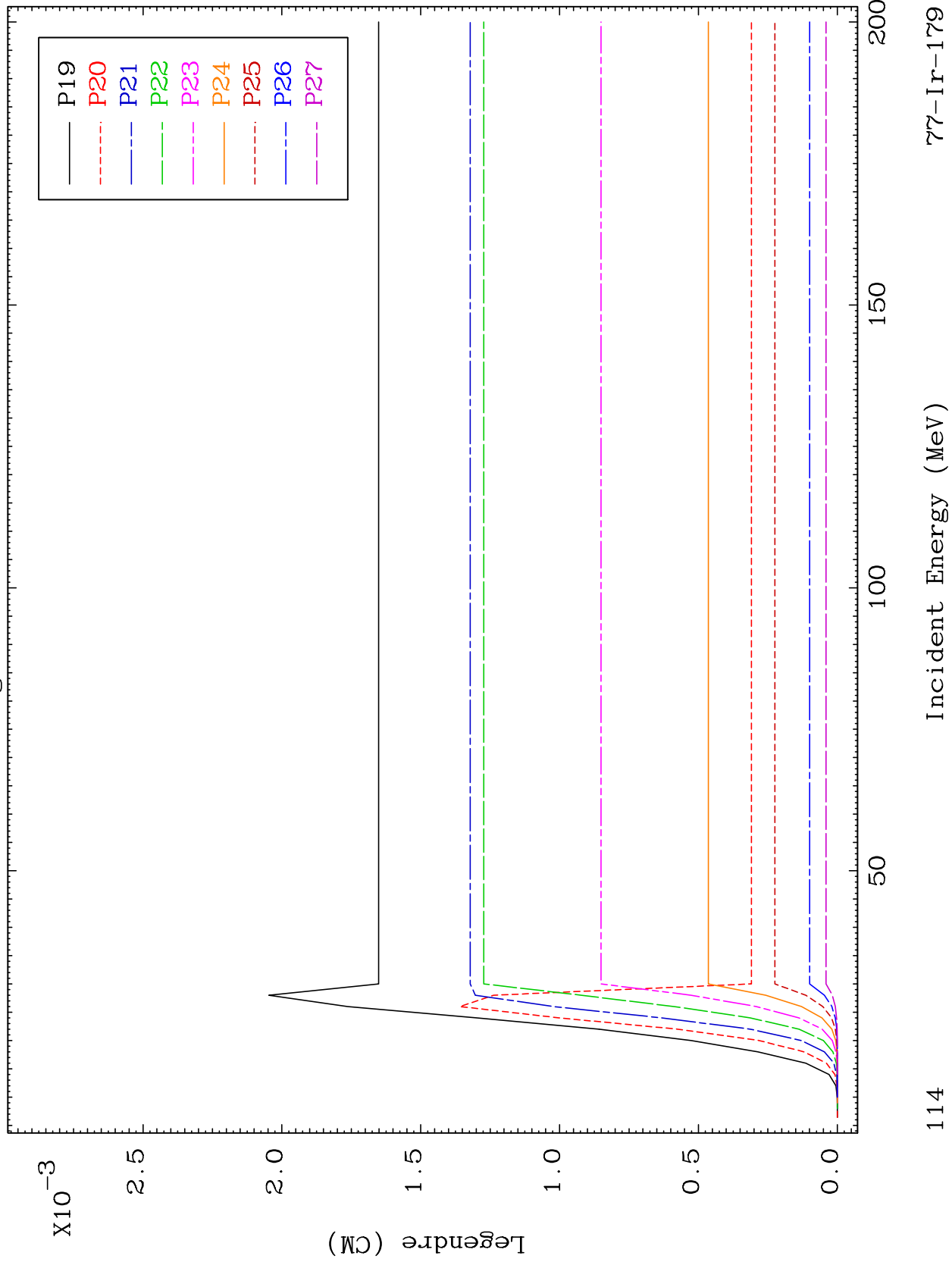
Incident Energy (MeV)

113

MAT 7689

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

77-Ir-179



114

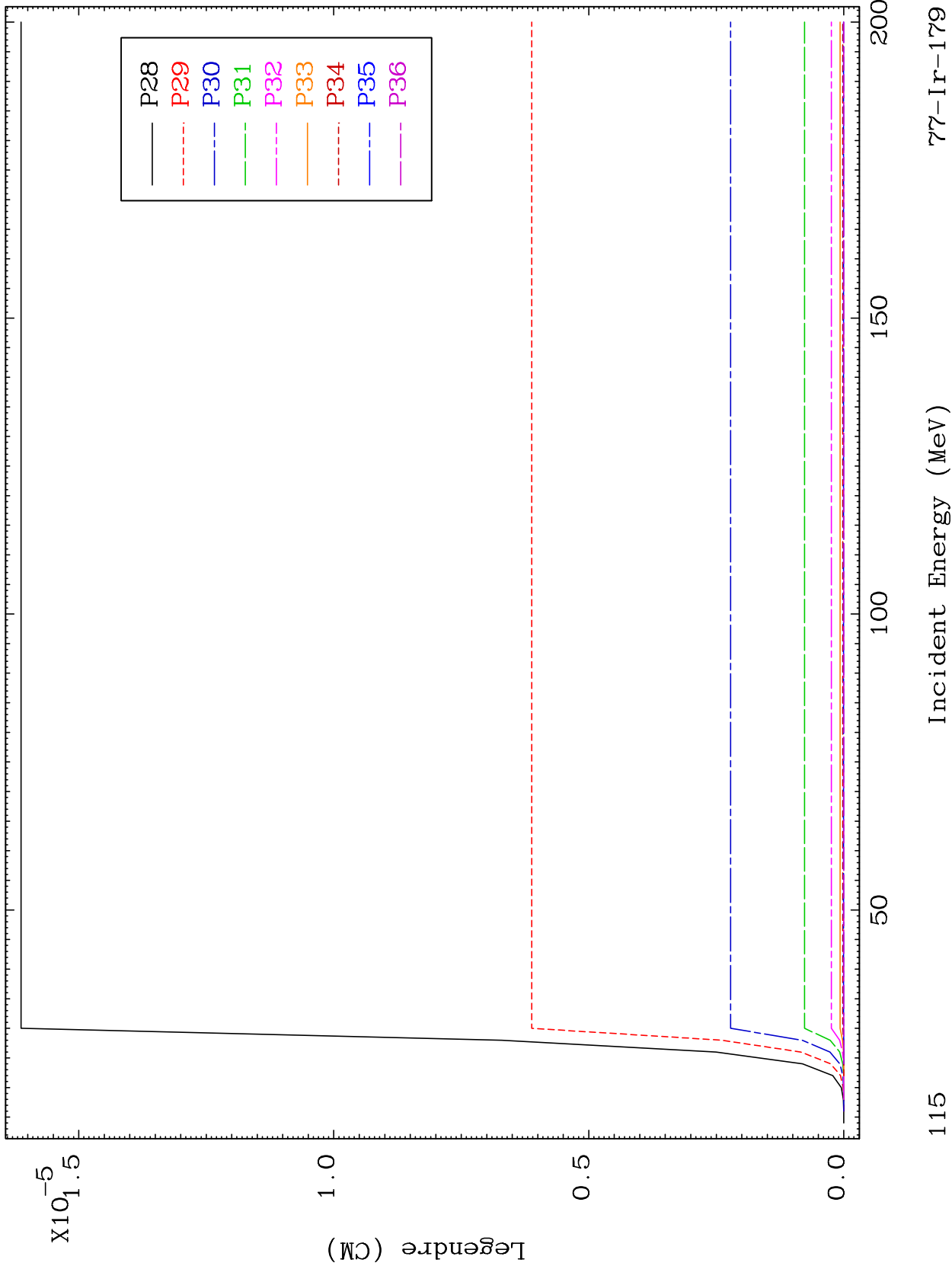
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



115

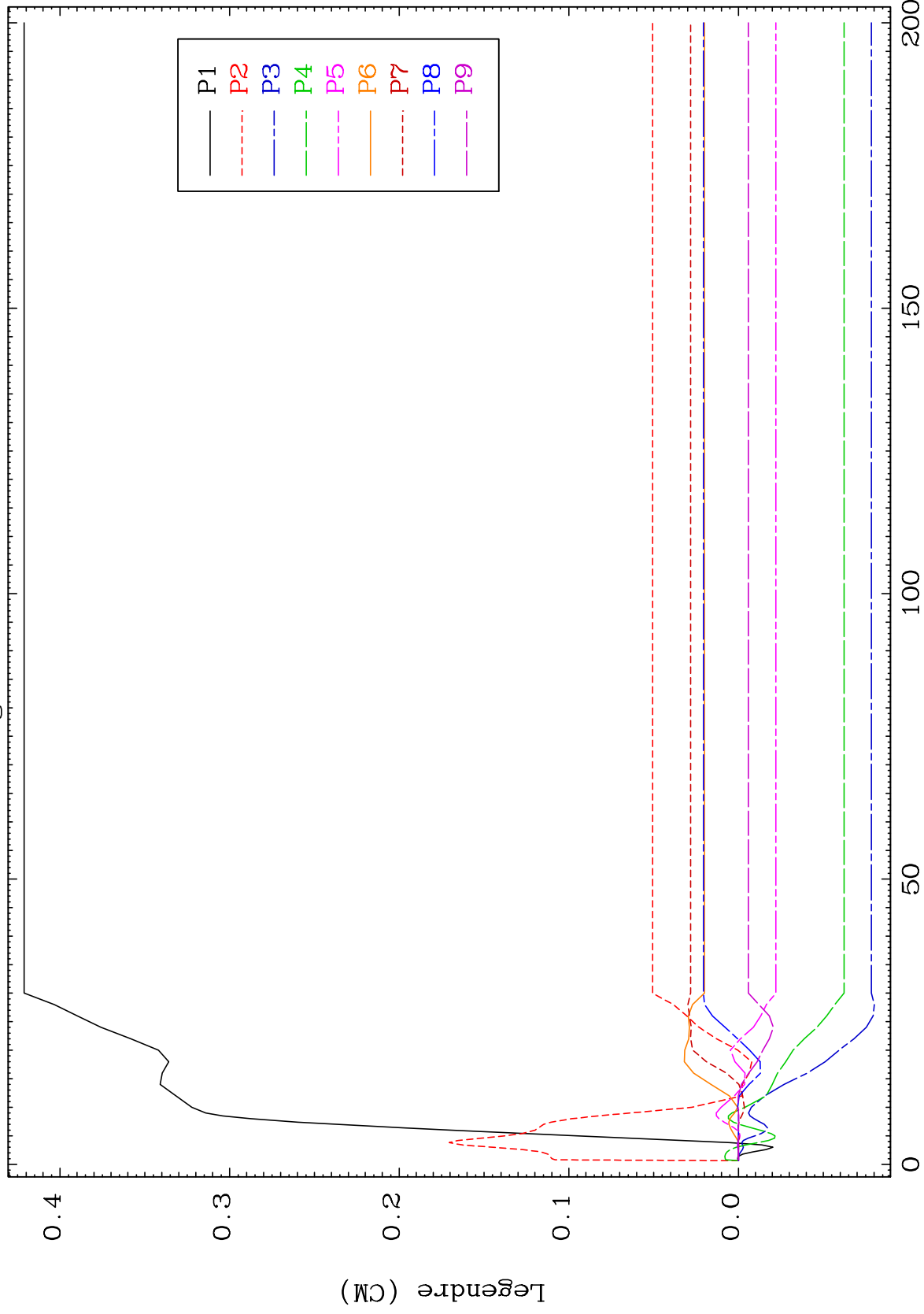
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



116

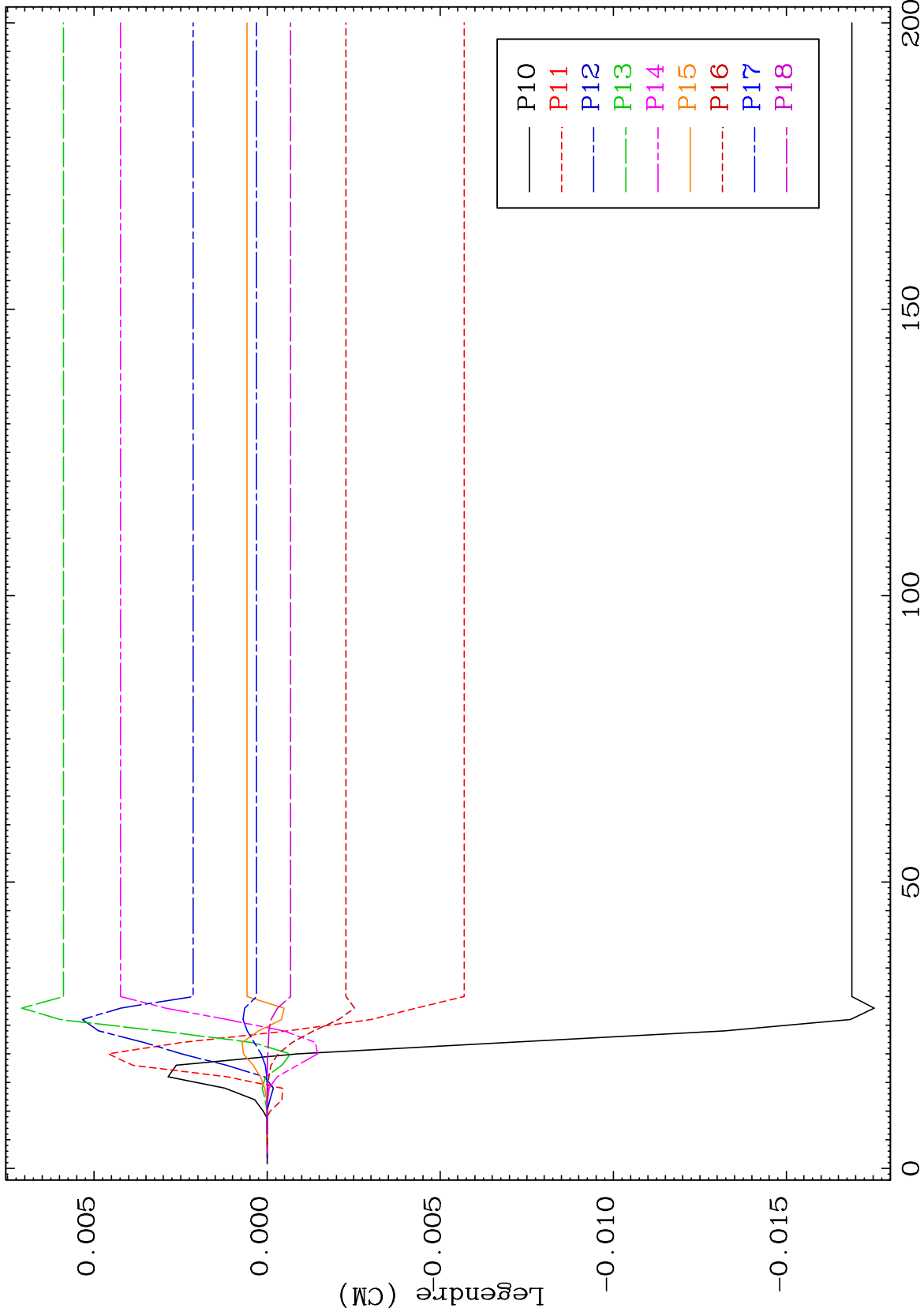
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



117

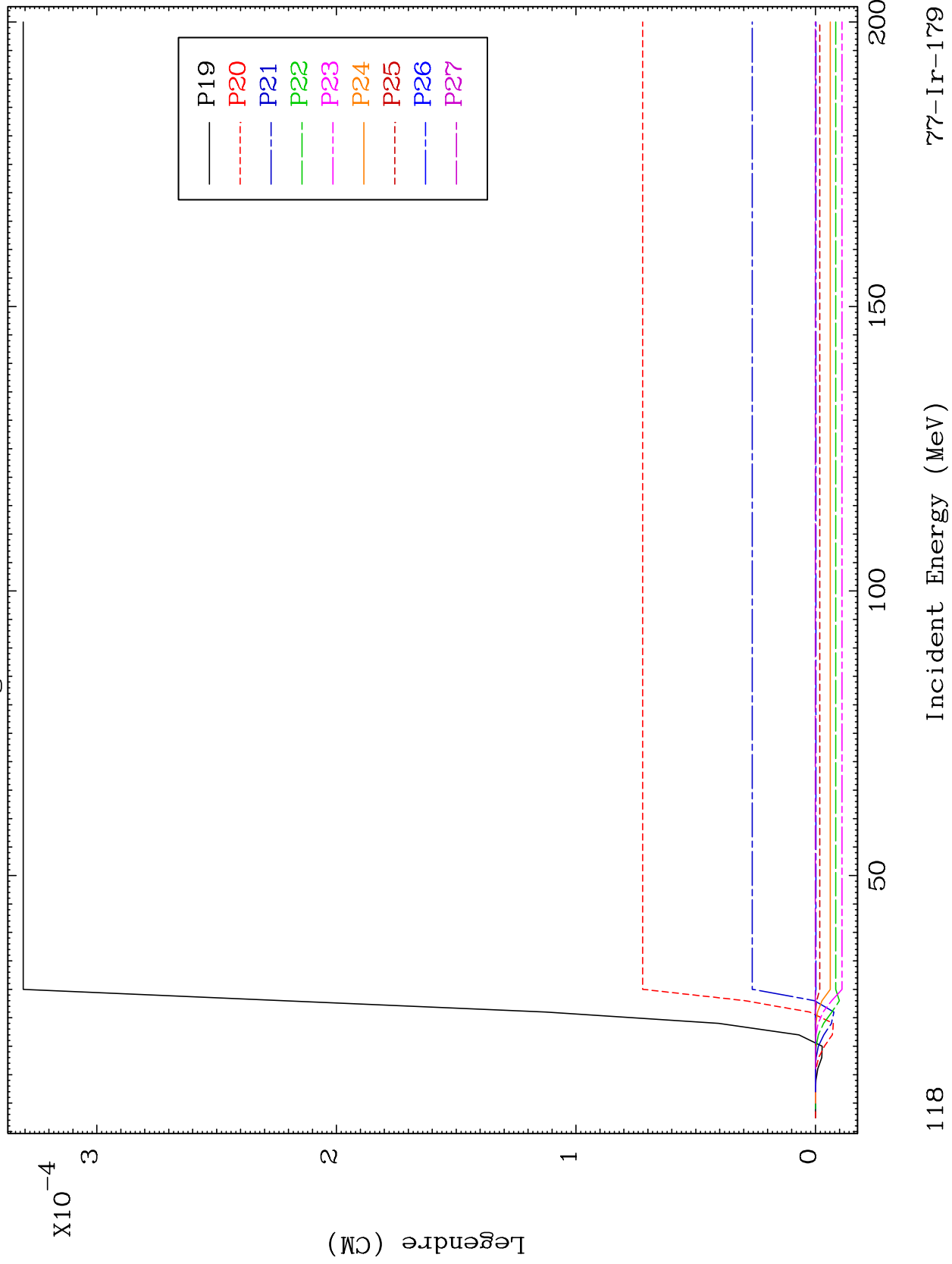
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



118

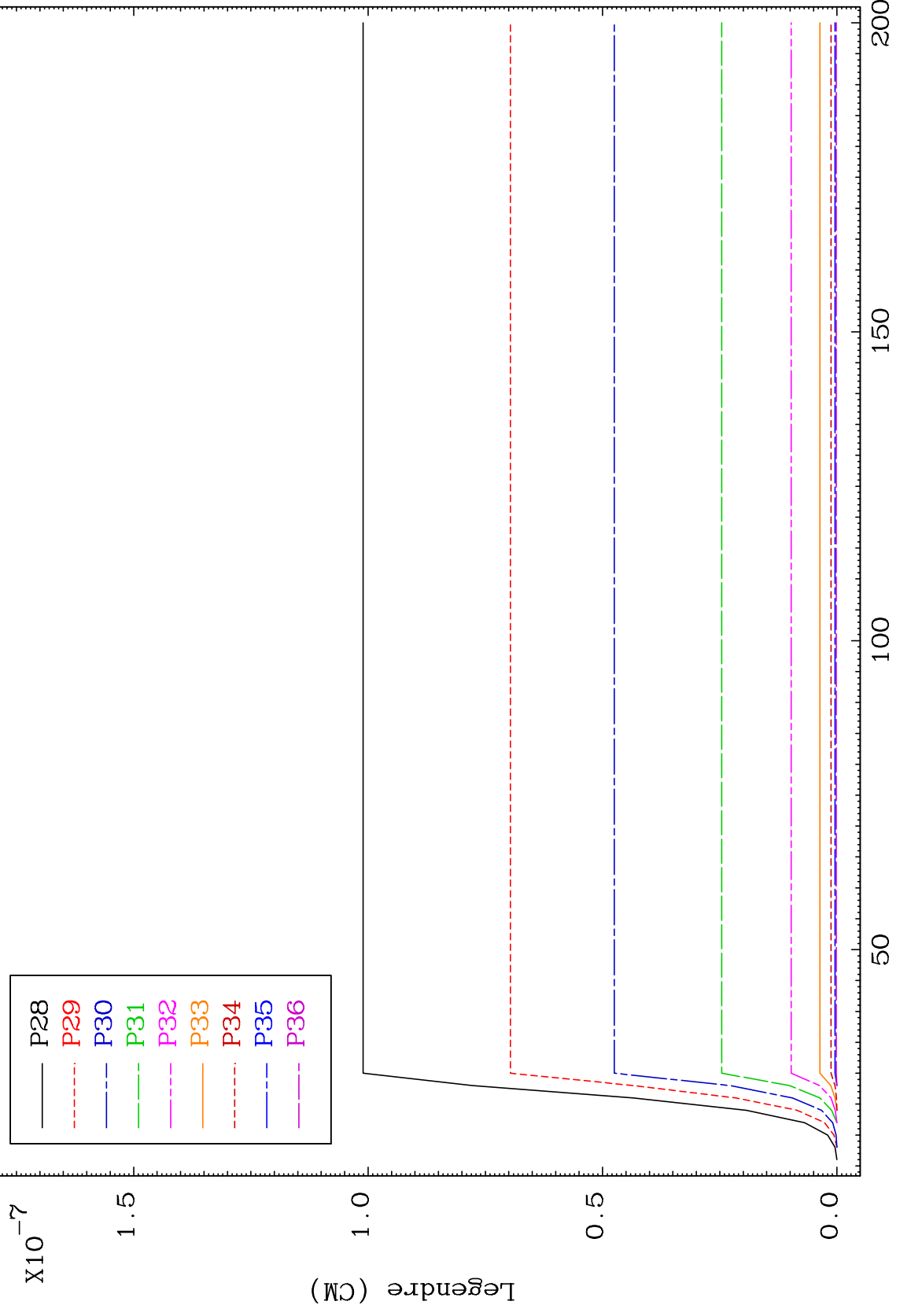
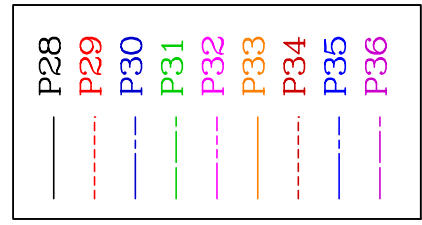
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



119

Incident Energy (MeV)

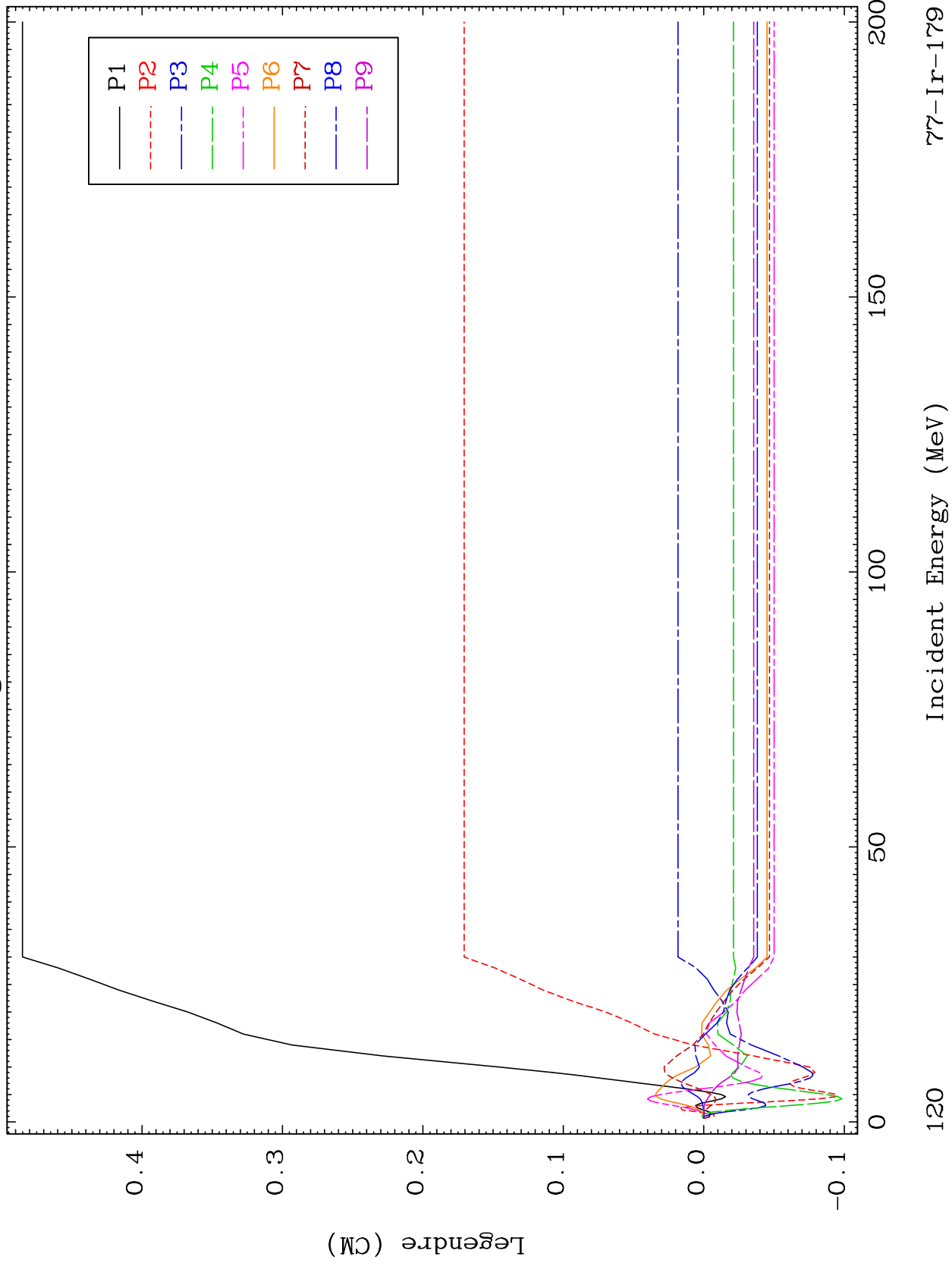
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

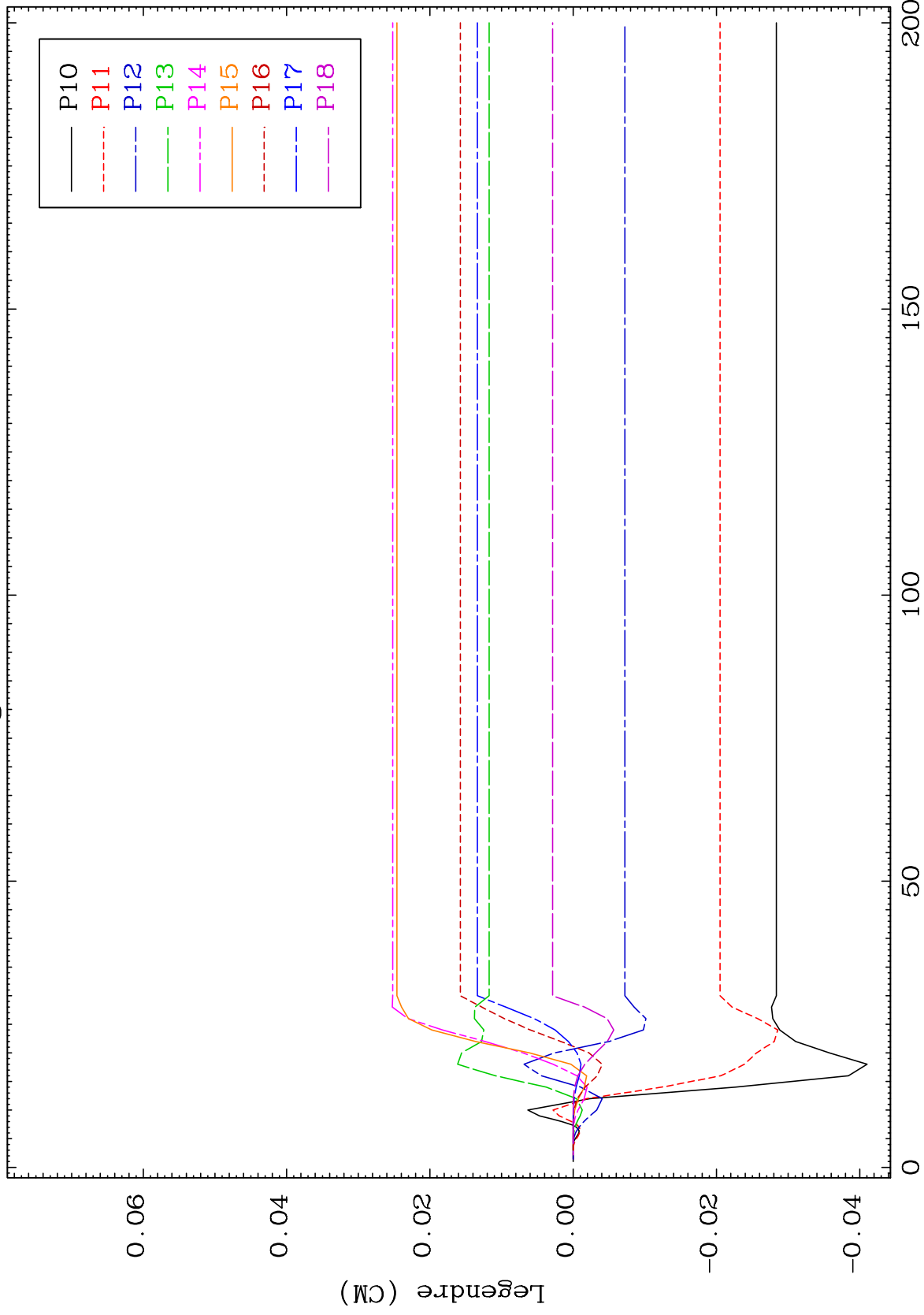
Incident Energy (MeV)

120

MAT 7689

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

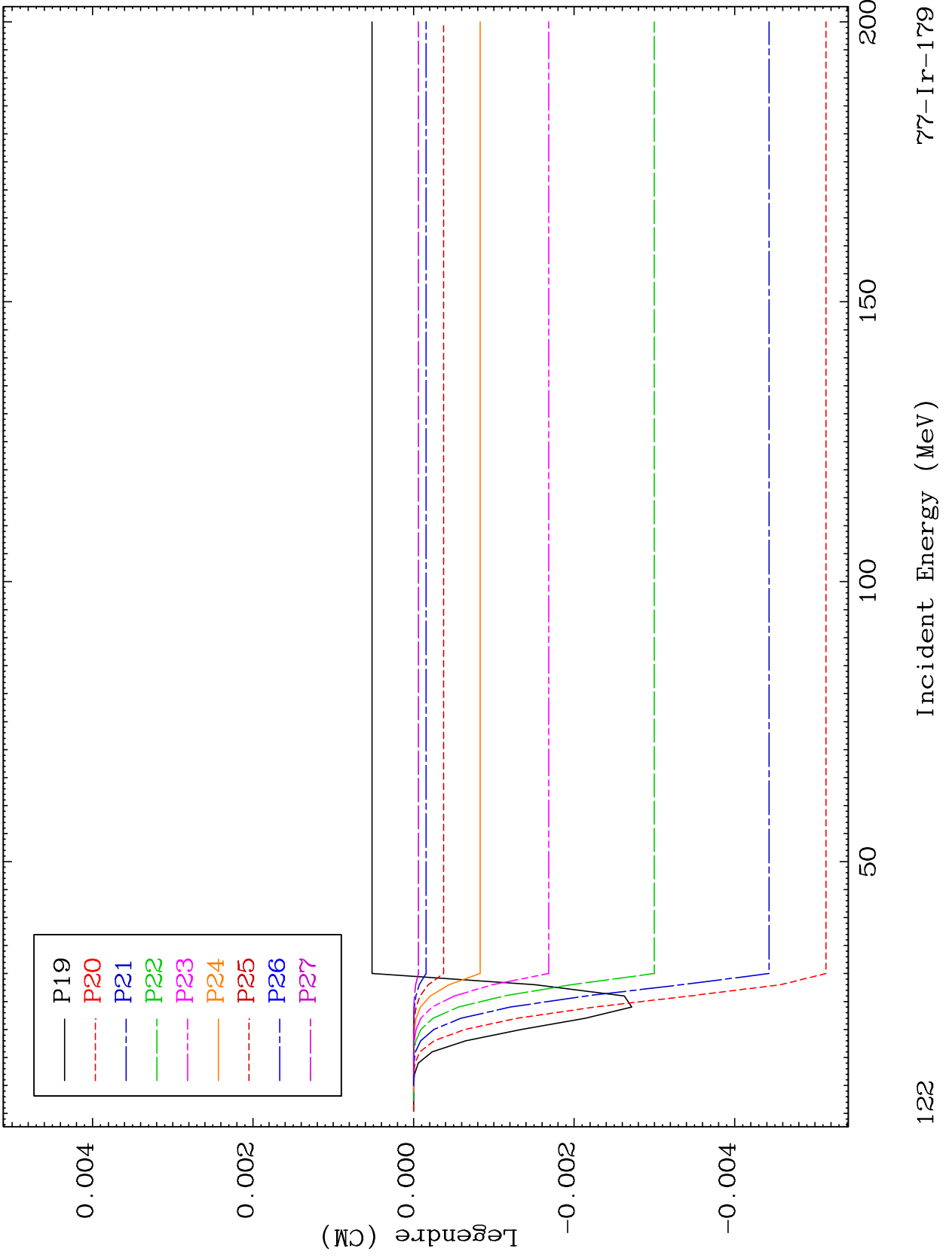
77-Ir-179

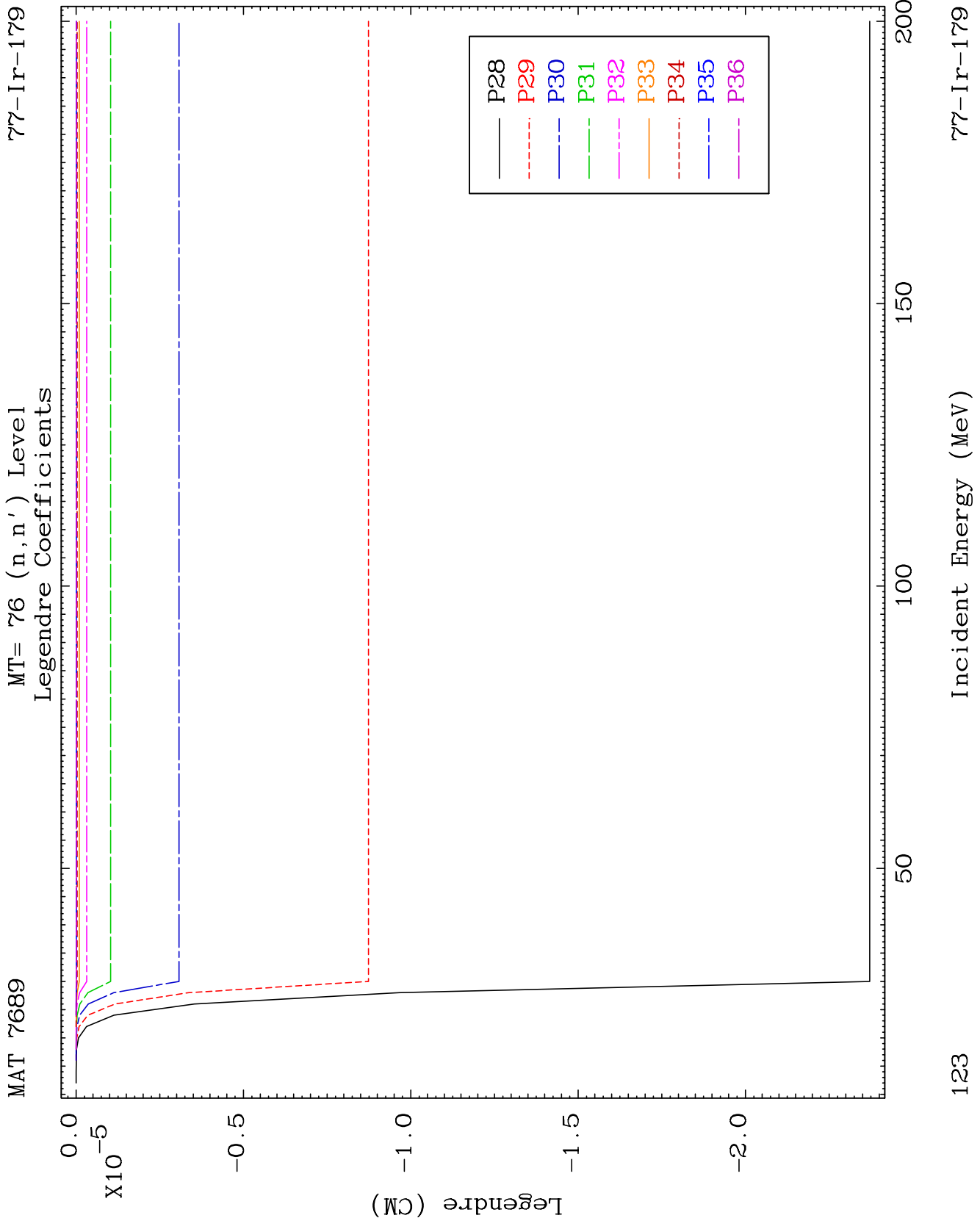


121

Incident Energy (MeV)

77-Ir-179

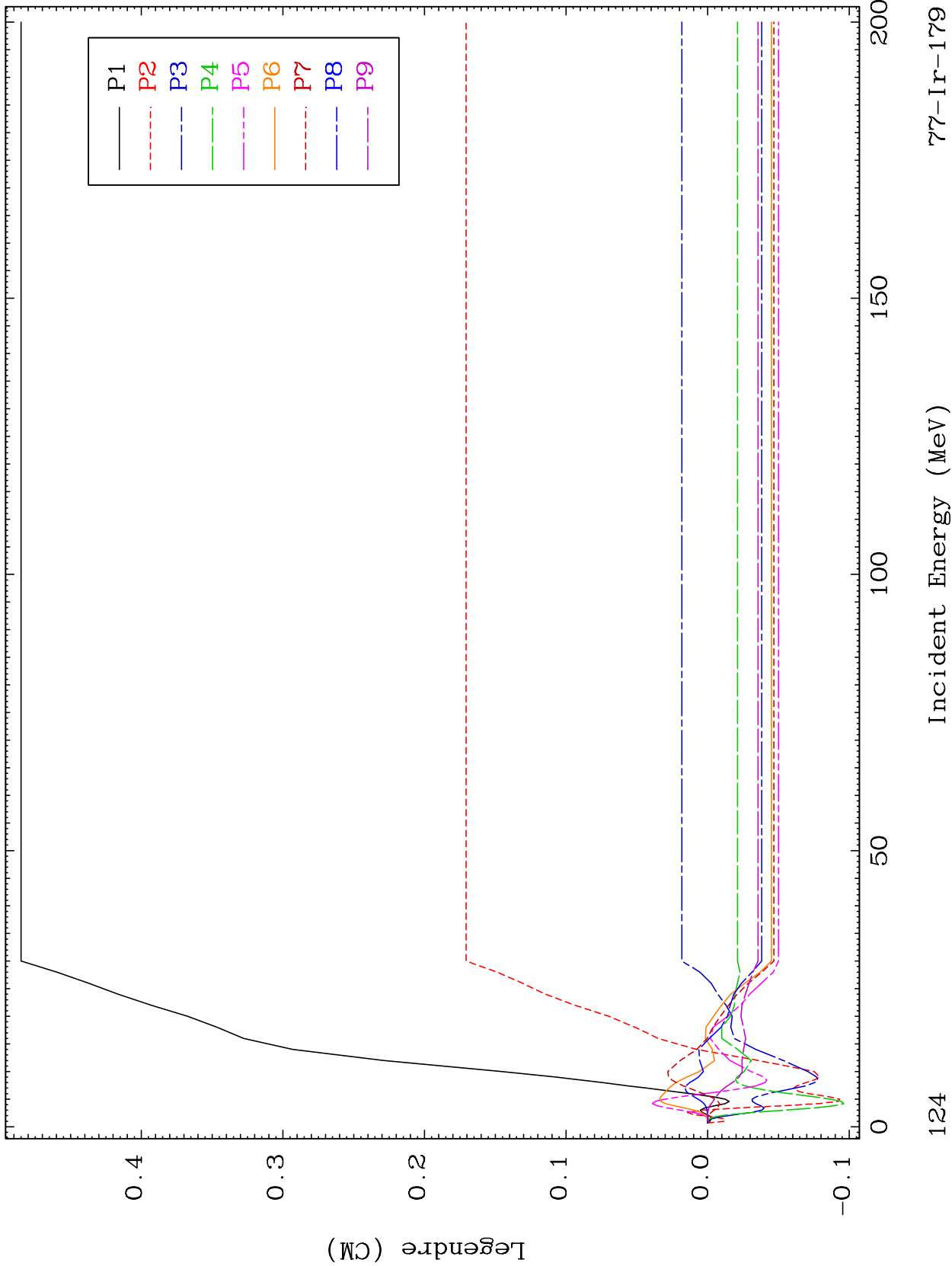




MAT 7689

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

77-Ir-179



77-Ir-179

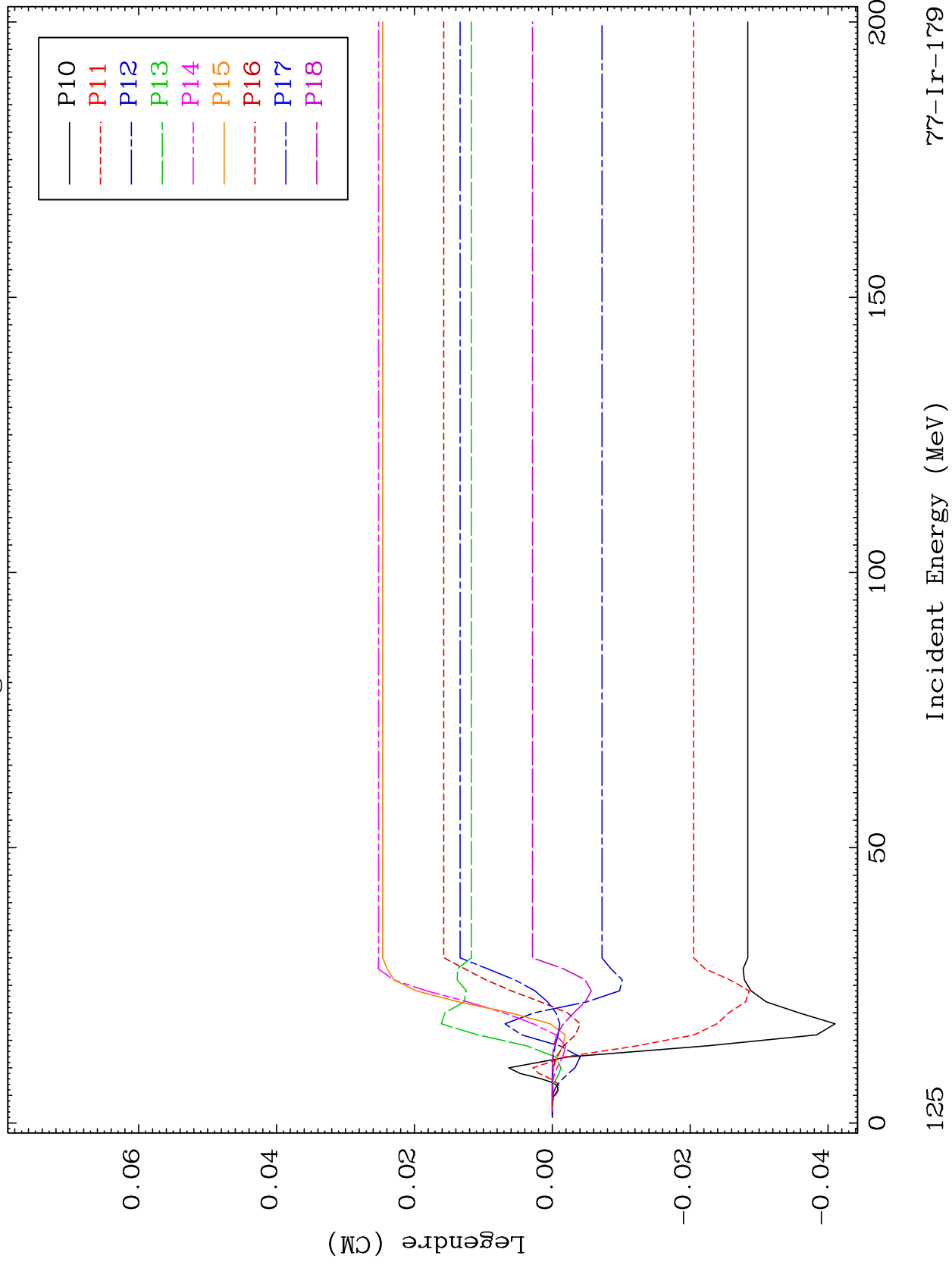
Incident Energy (MeV)

124

MAT 7689

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

77-Ir-179



77-Ir-179

Incident Energy (MeV)

125

