

Program EVALPLOT  
(Version 2021-1)

by

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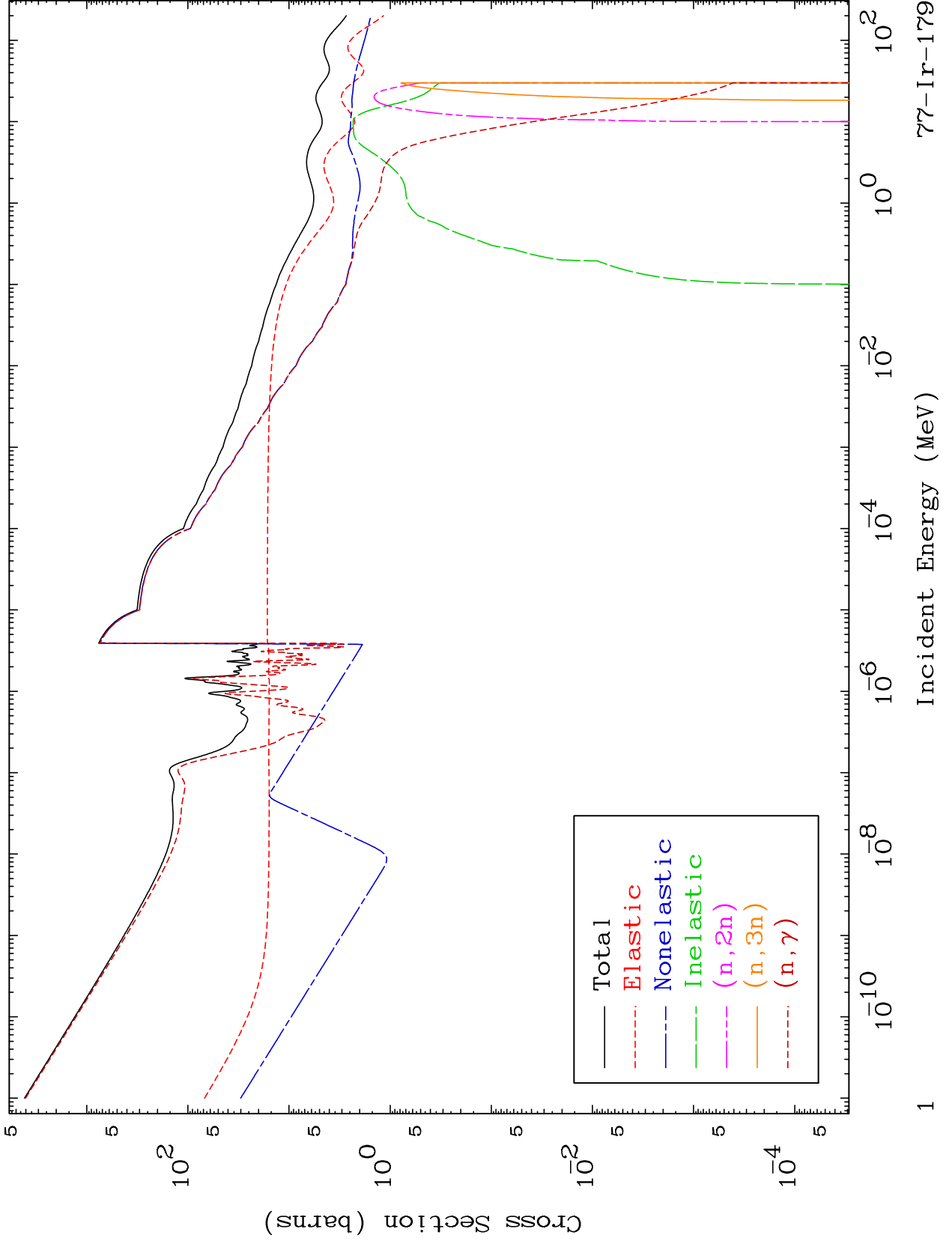
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7689

Neutron Major  
293 Kelvin Cross Sections

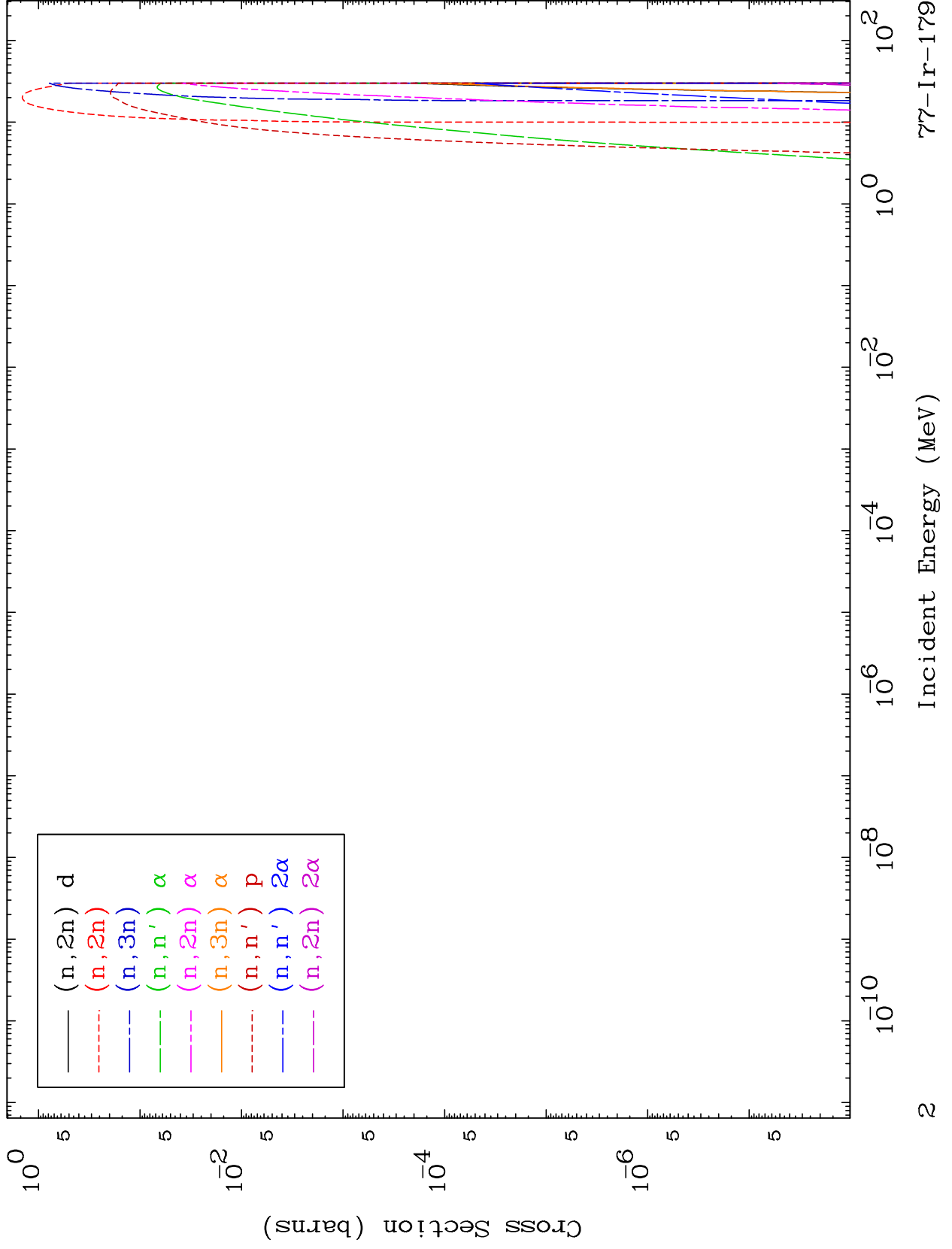
77-Ir-179

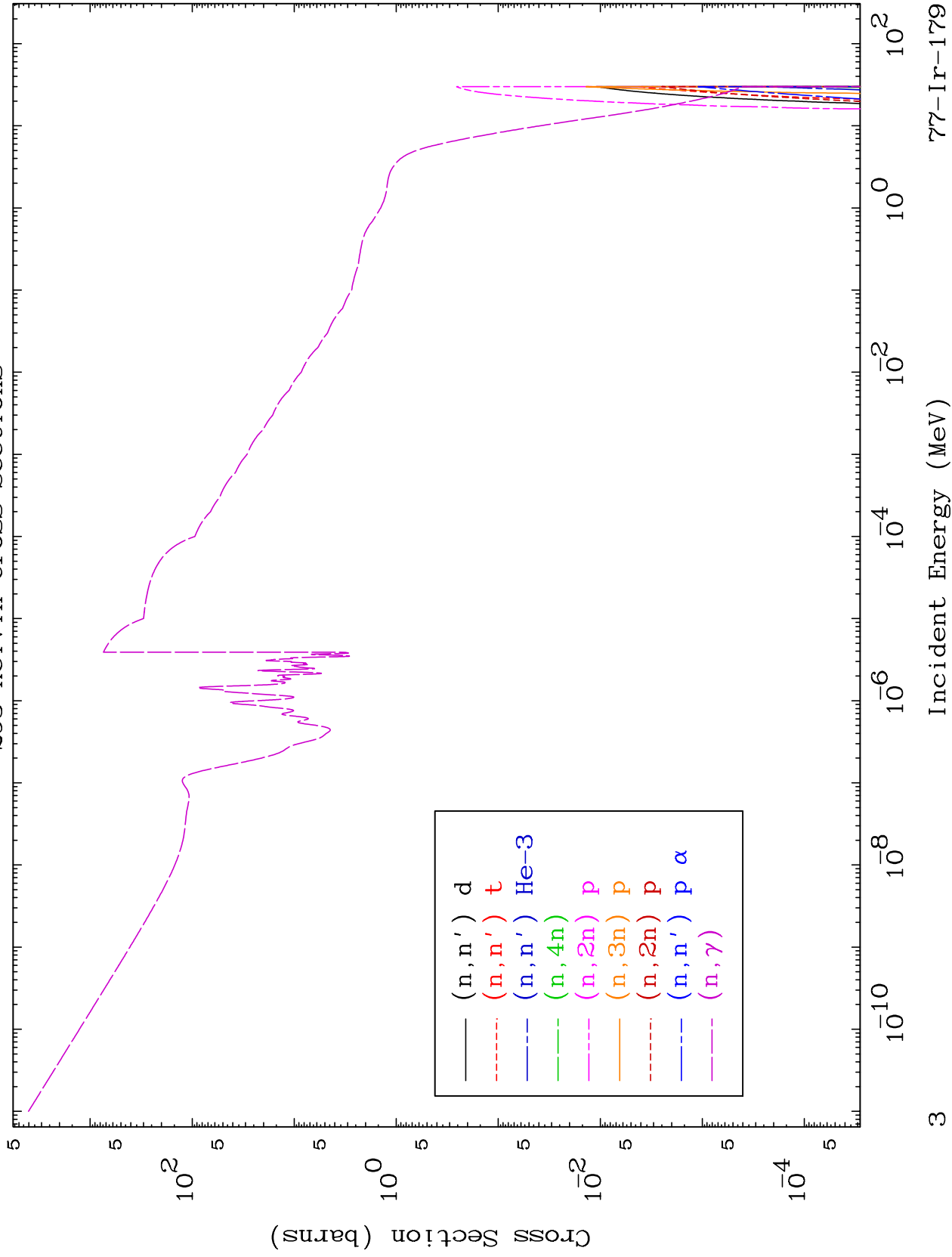


MAT 7689

Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-179

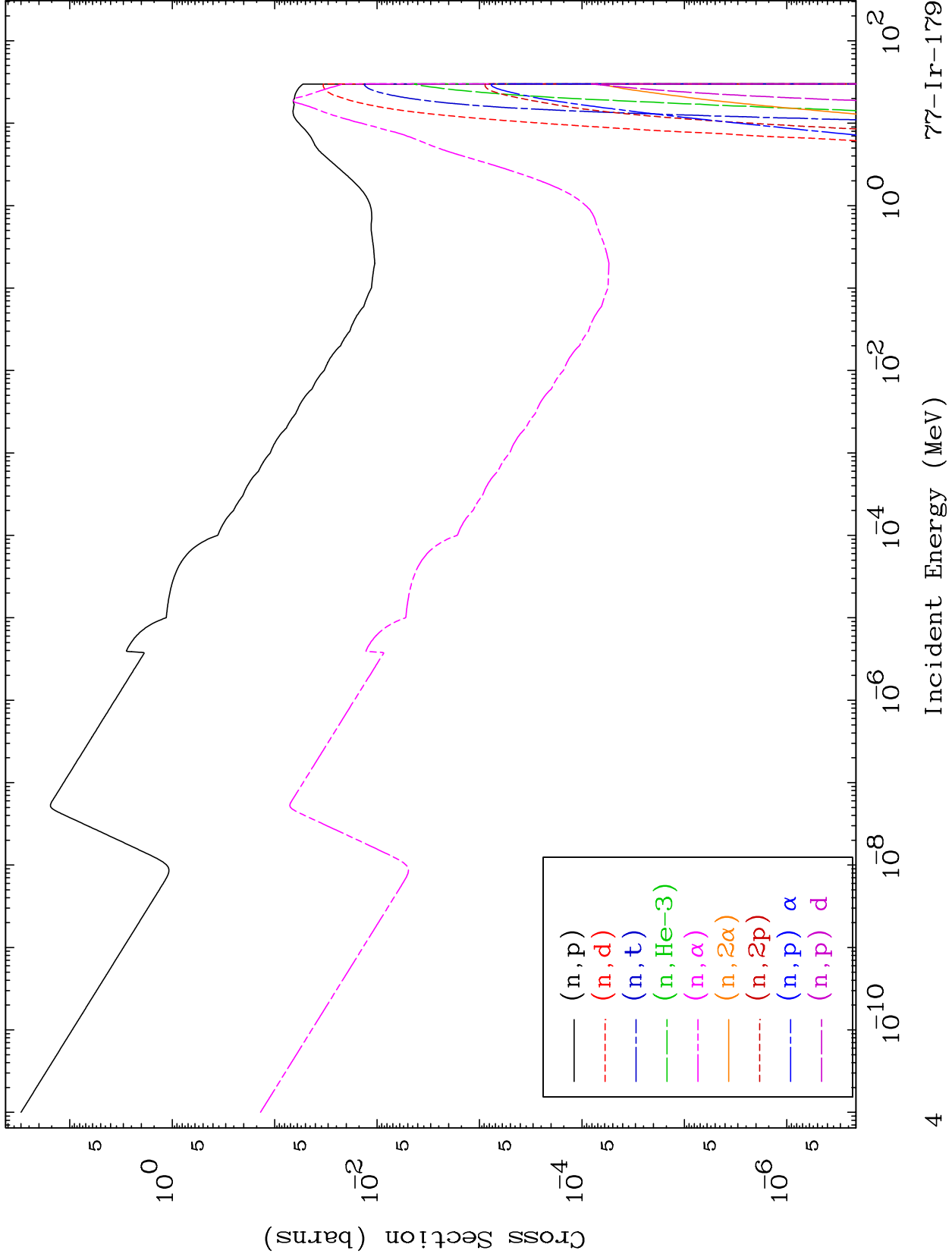


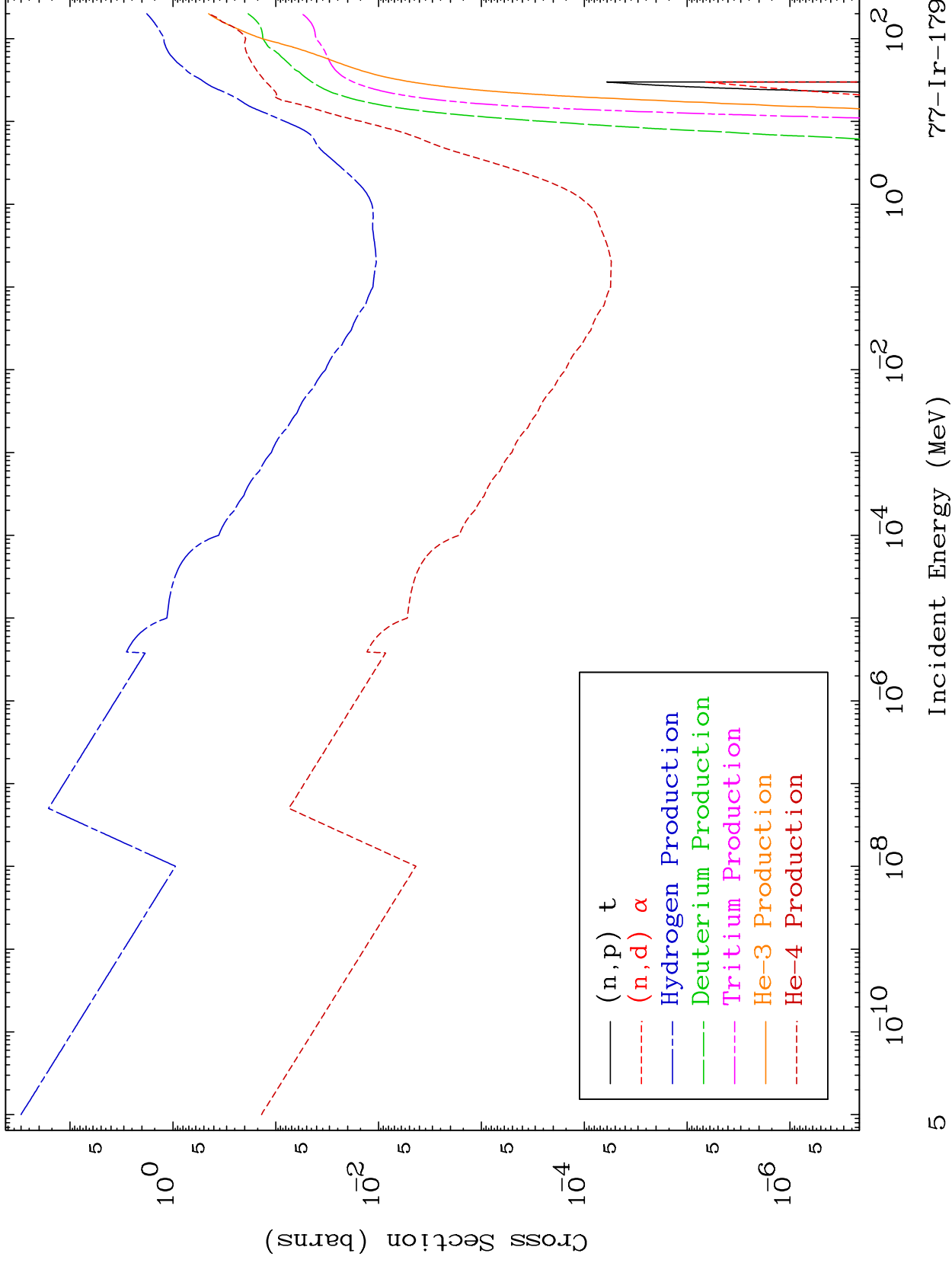


MAT 7689

Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-179

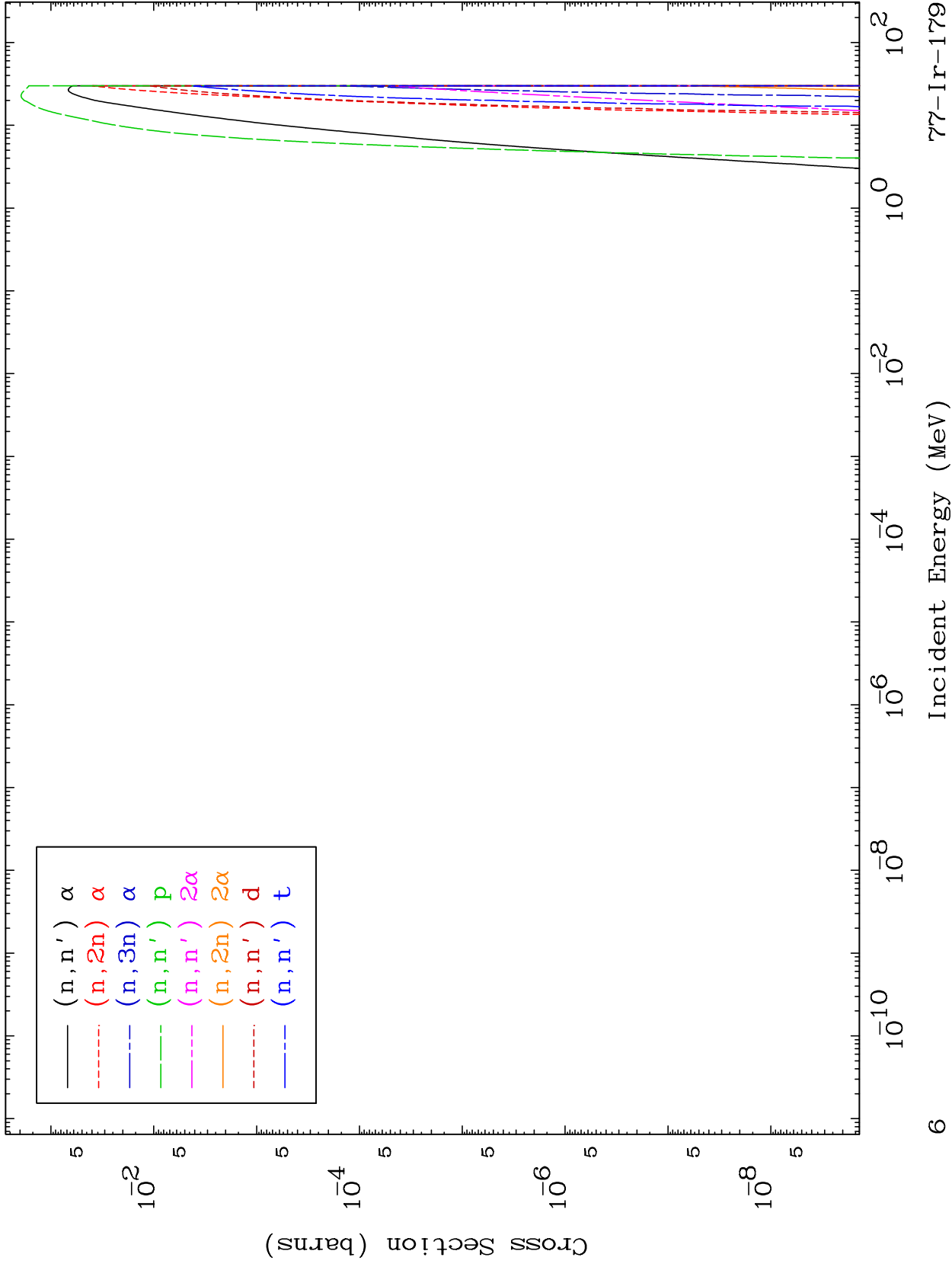




MAT 7689

Charged Particle  
293 Kelvin Cross Sections

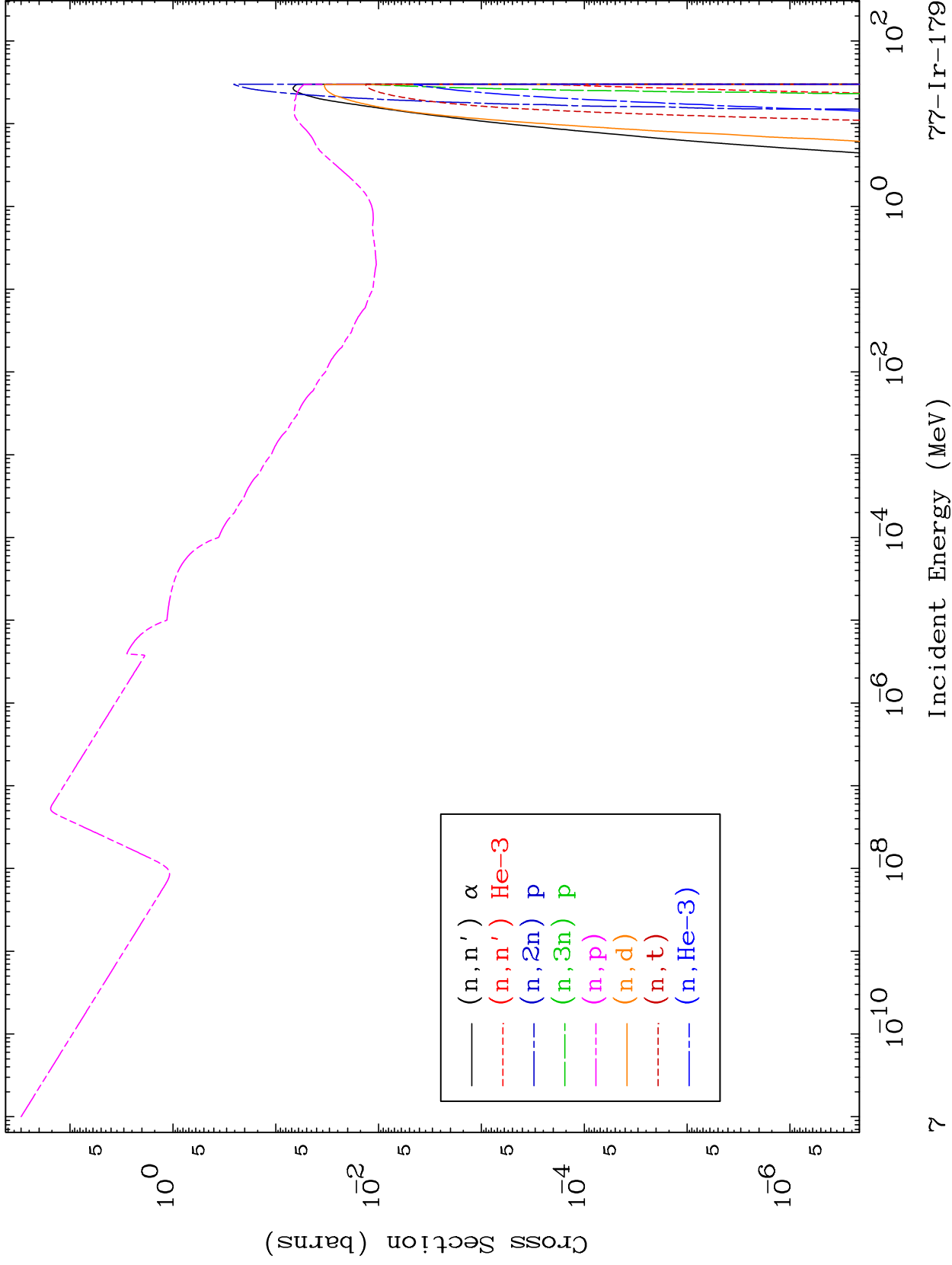
77-Ir-179



MAT 7689

Charged Particle  
293 Kelvin Cross Sections

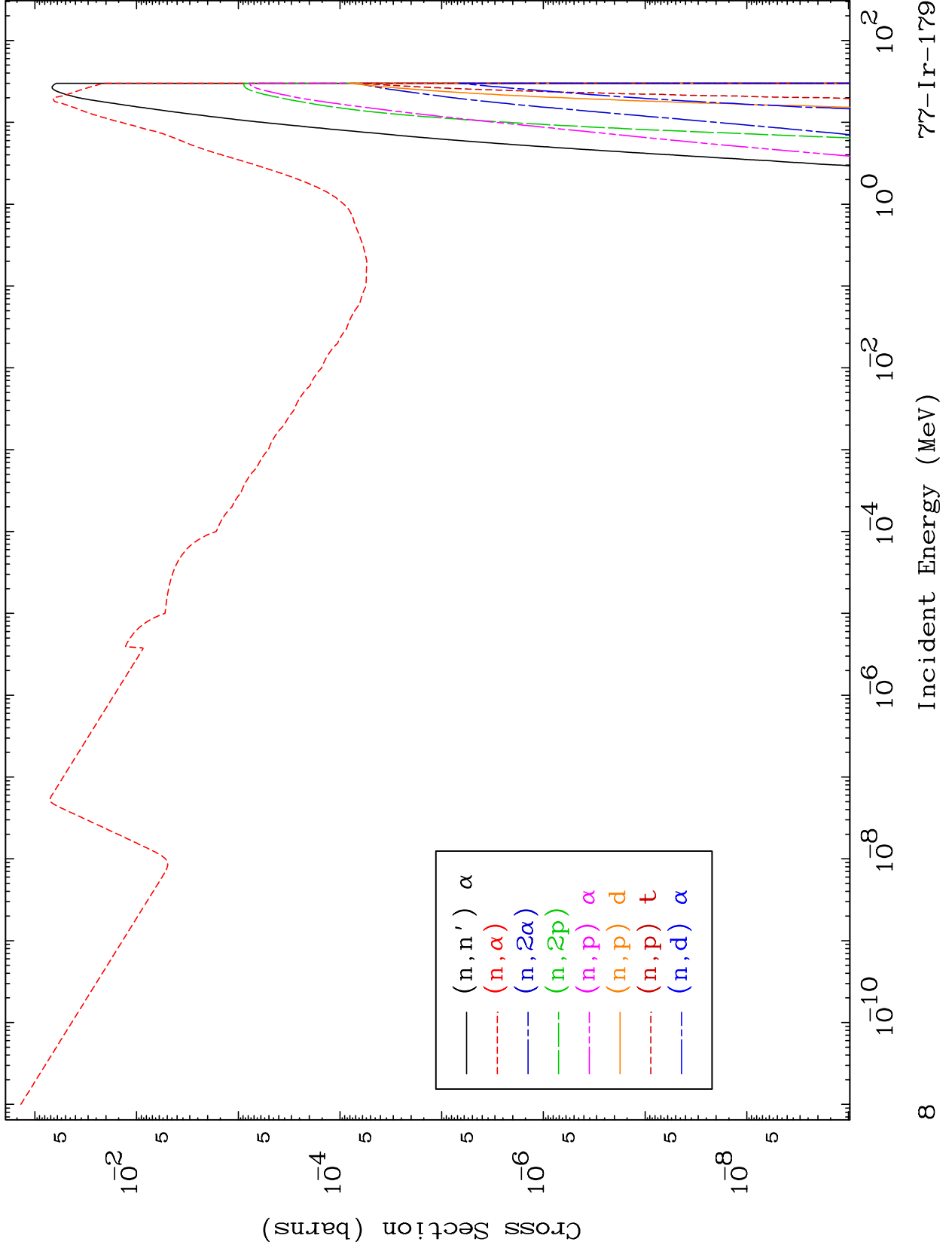
77-Ir-179

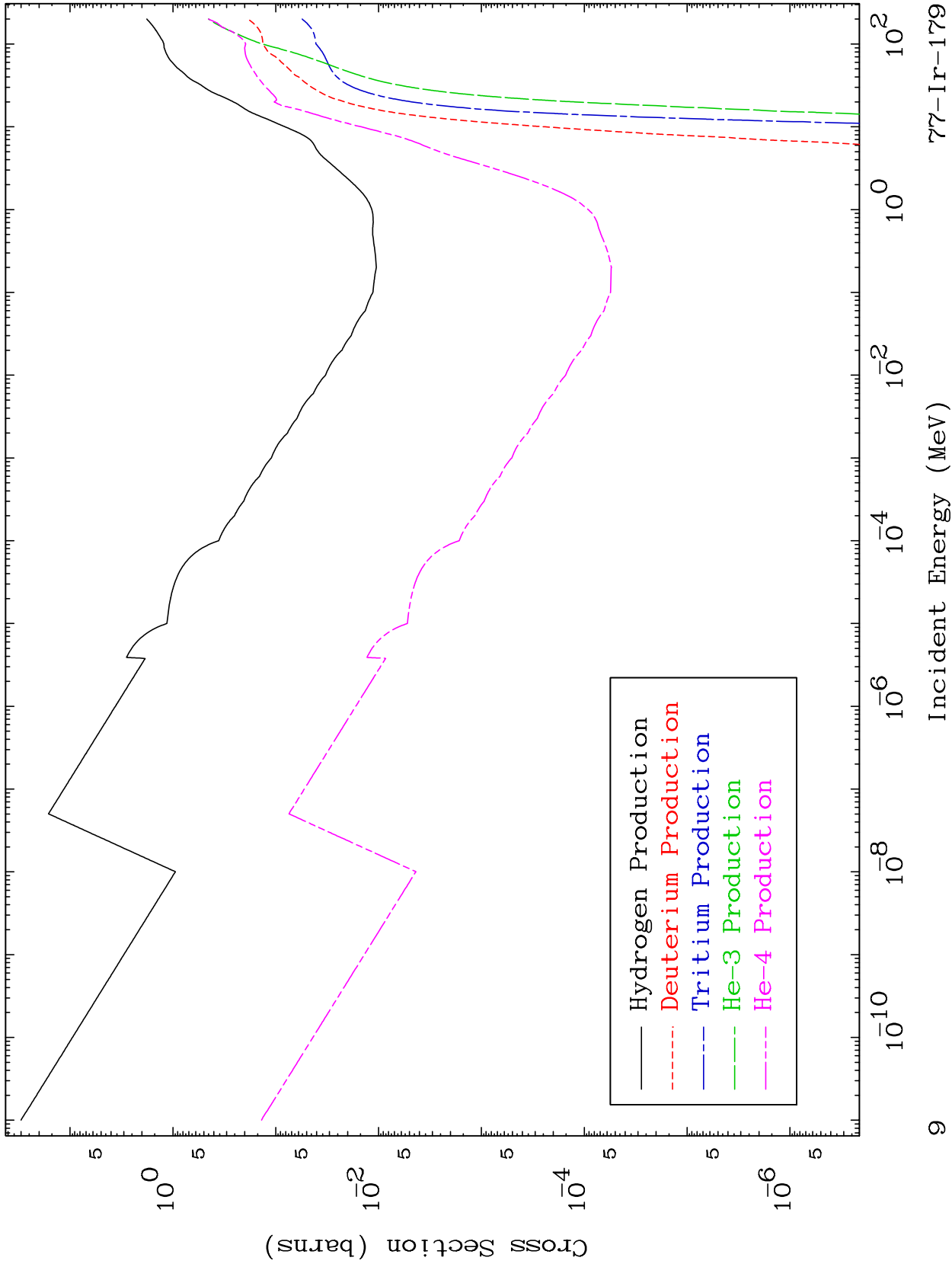


MAT 7689

Charged Particle  
293 Kelvin Cross Sections

77-Ir-179

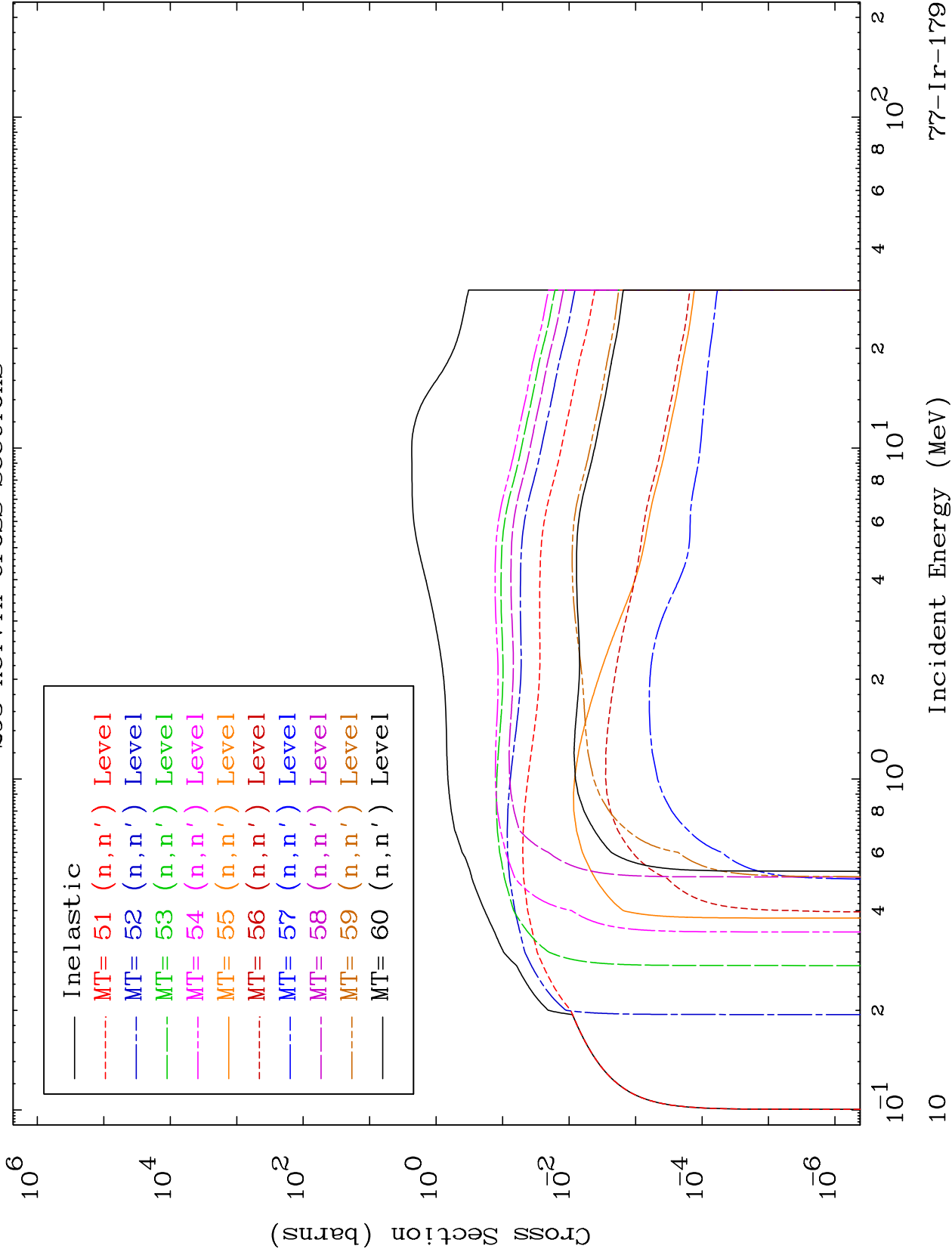




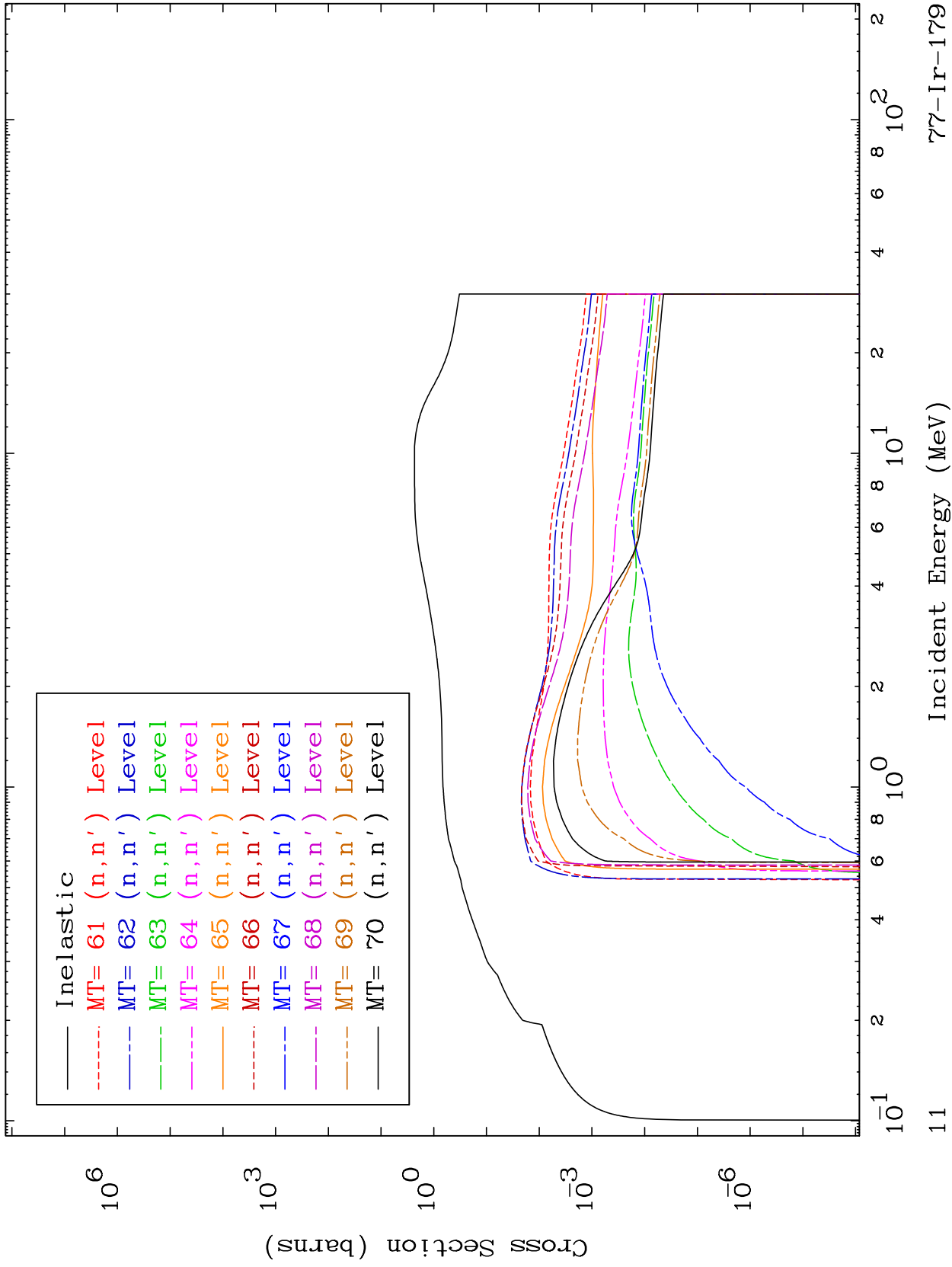
MAT 7689

(n,n') Levels  
293 Kelvin Cross Sections

77-Ir-179



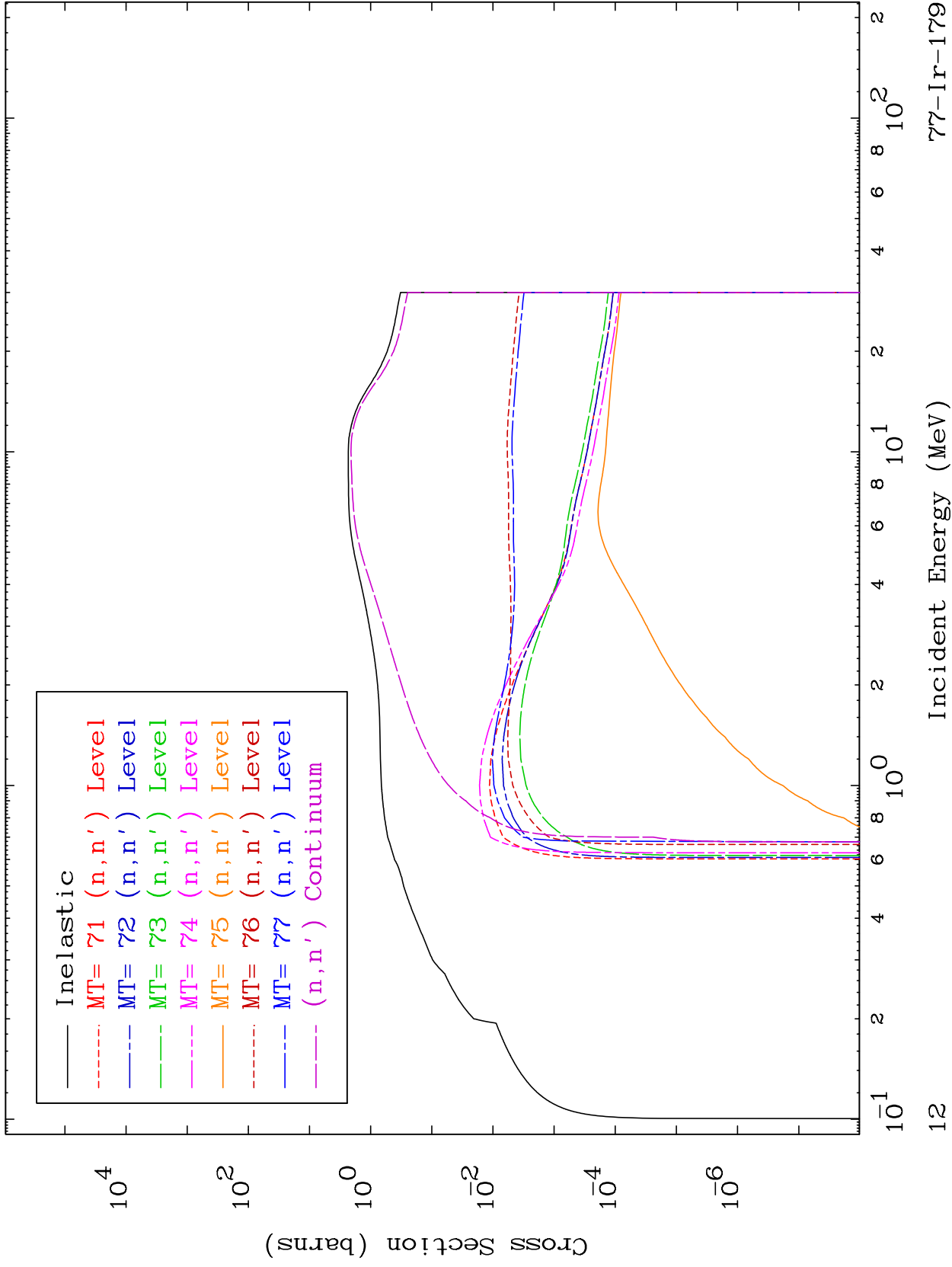
77-Ir-179



MAT 7689

293 (n,n') Levels

77-Ir-179



77-Ir-179

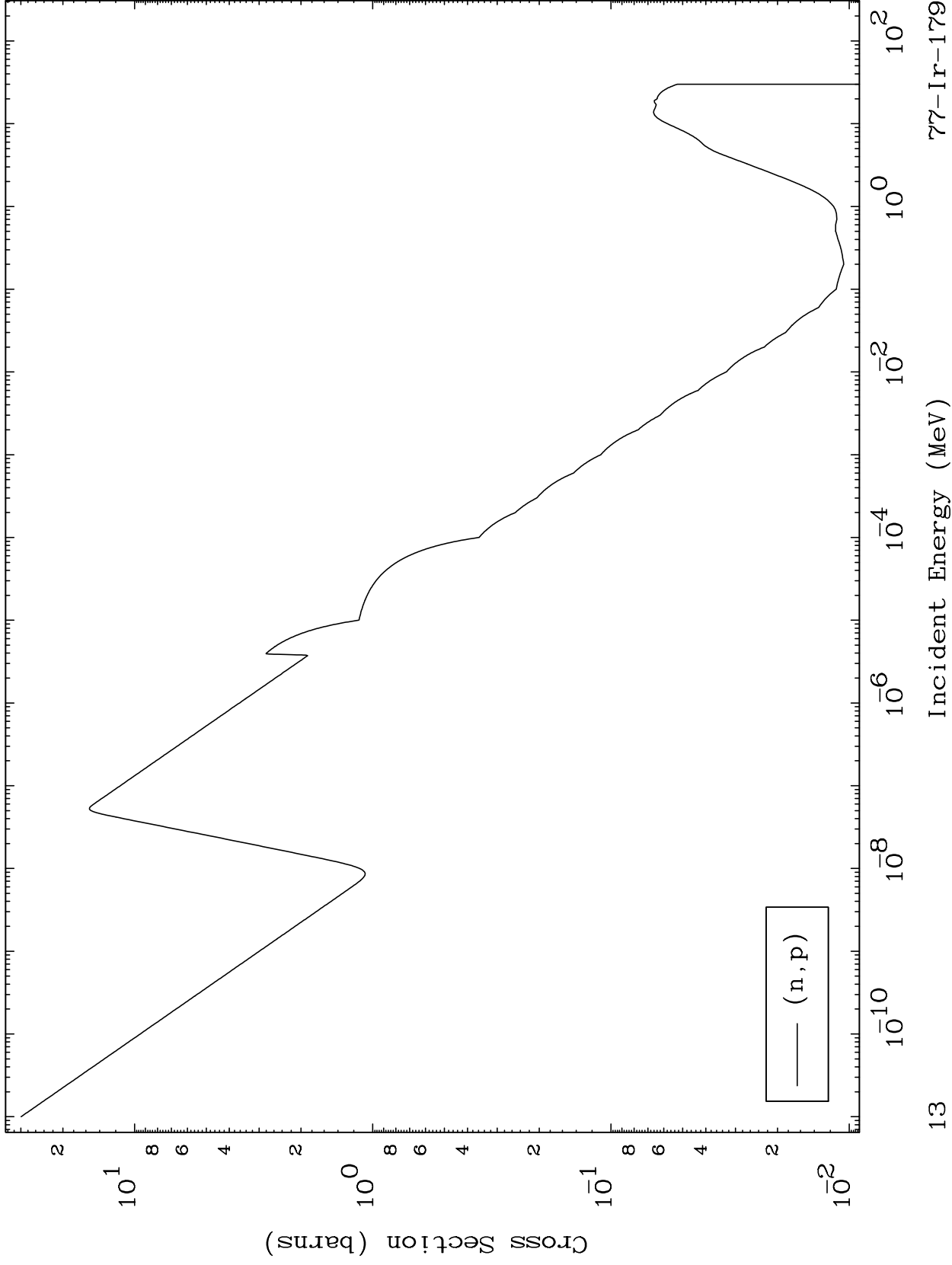
Incident Energy (MeV)

12

MAT 7689

(n,p) Levels  
293 Kelvin Cross Sections

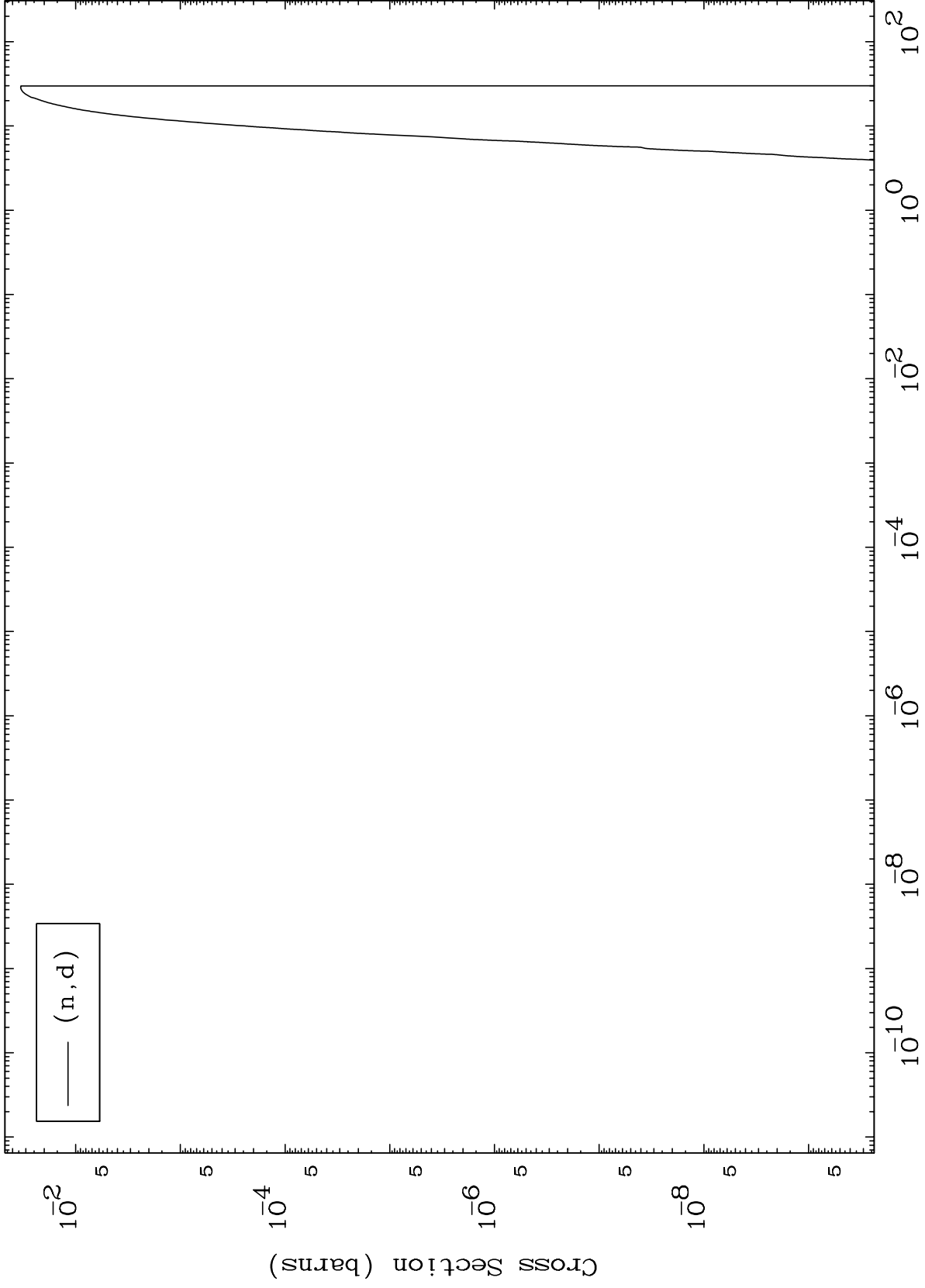
77-Ir-179



MAT 7689

(n,d) Levels  
293 Kelvin Cross Sections

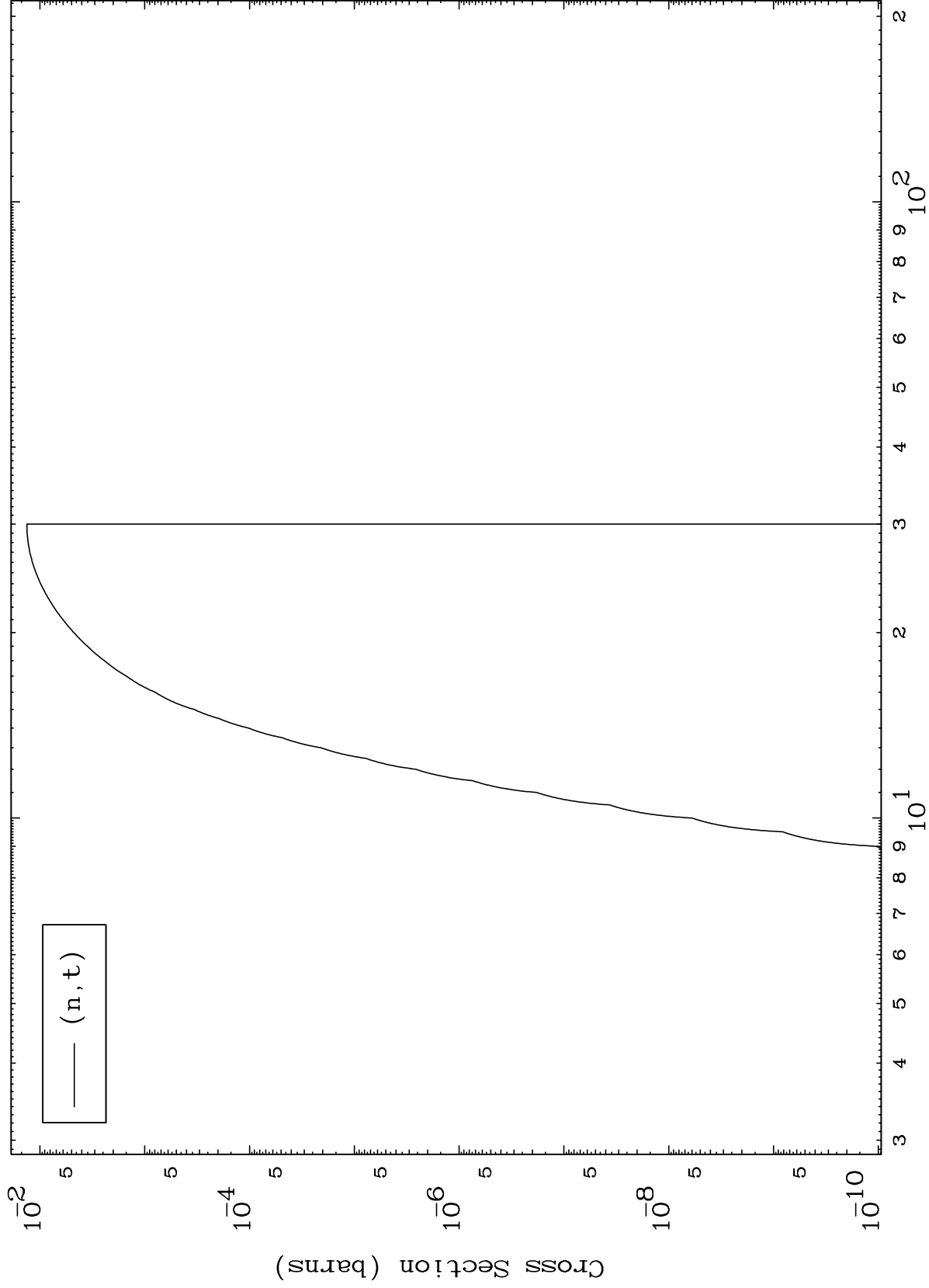
<sup>77</sup>Ir-179



MAT 7689

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-179



15

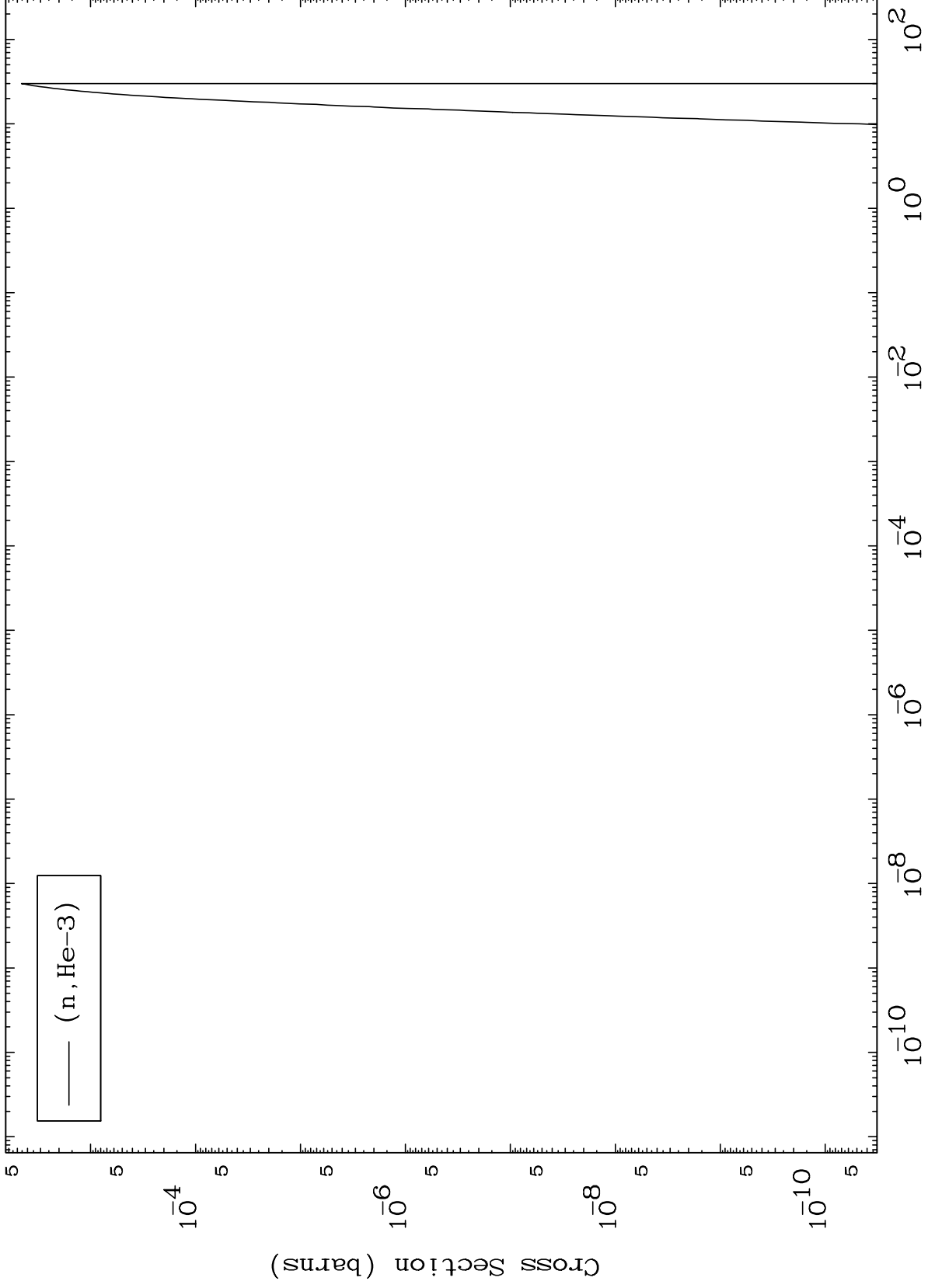
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-179



16

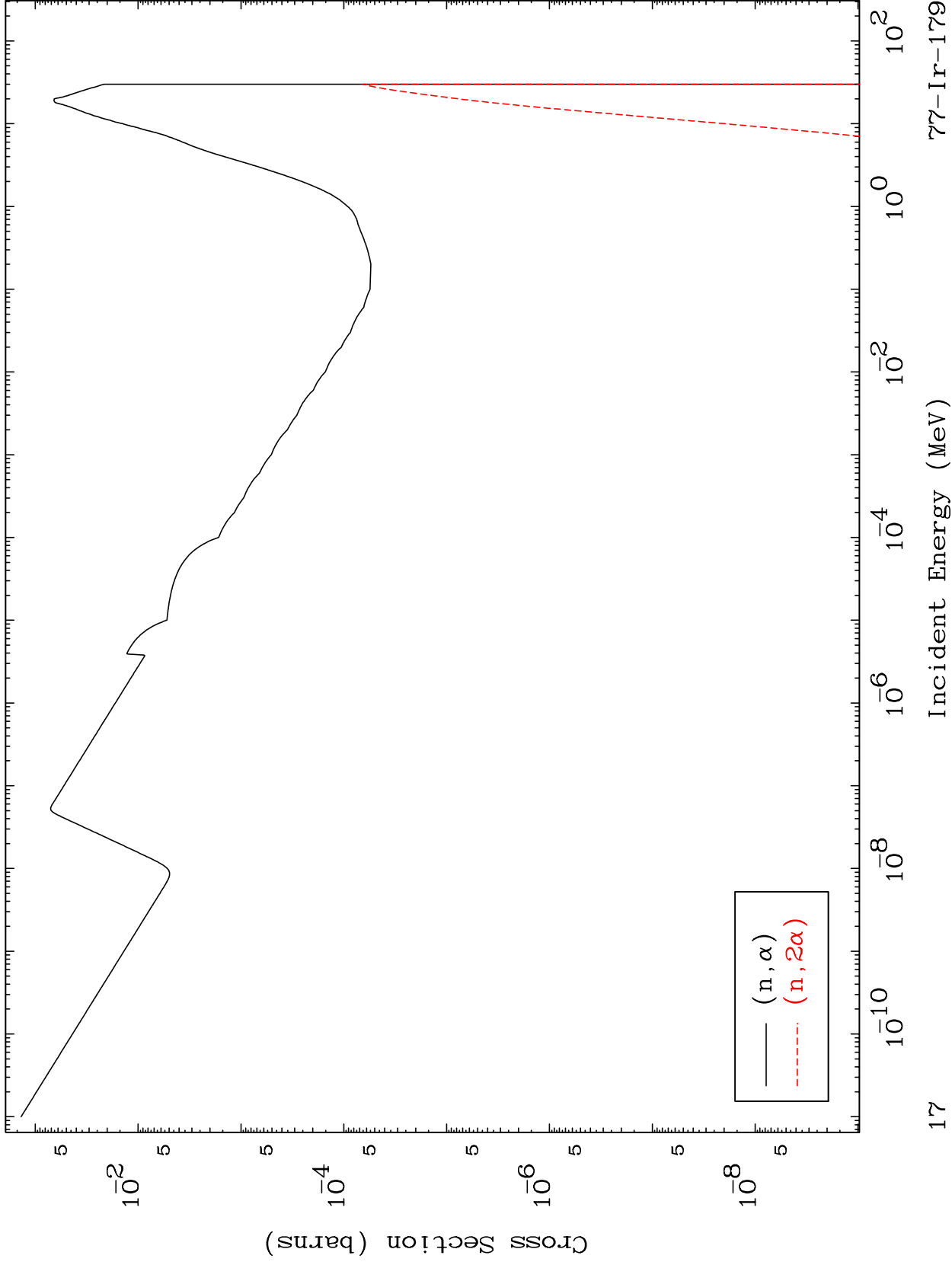
Incident Energy (MeV)

77-Ir-179

MAT 7689

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

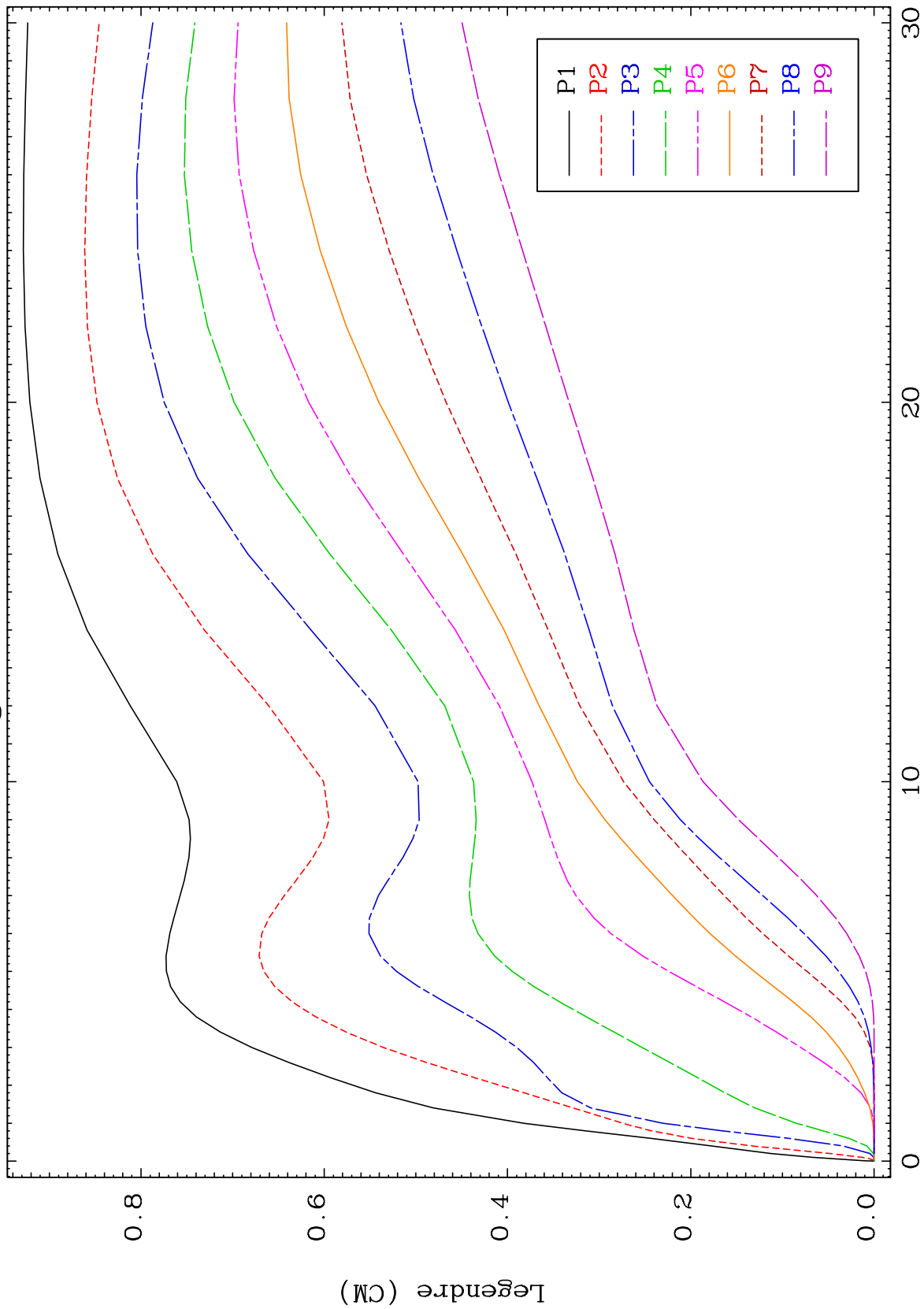
77-Ir-179



MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



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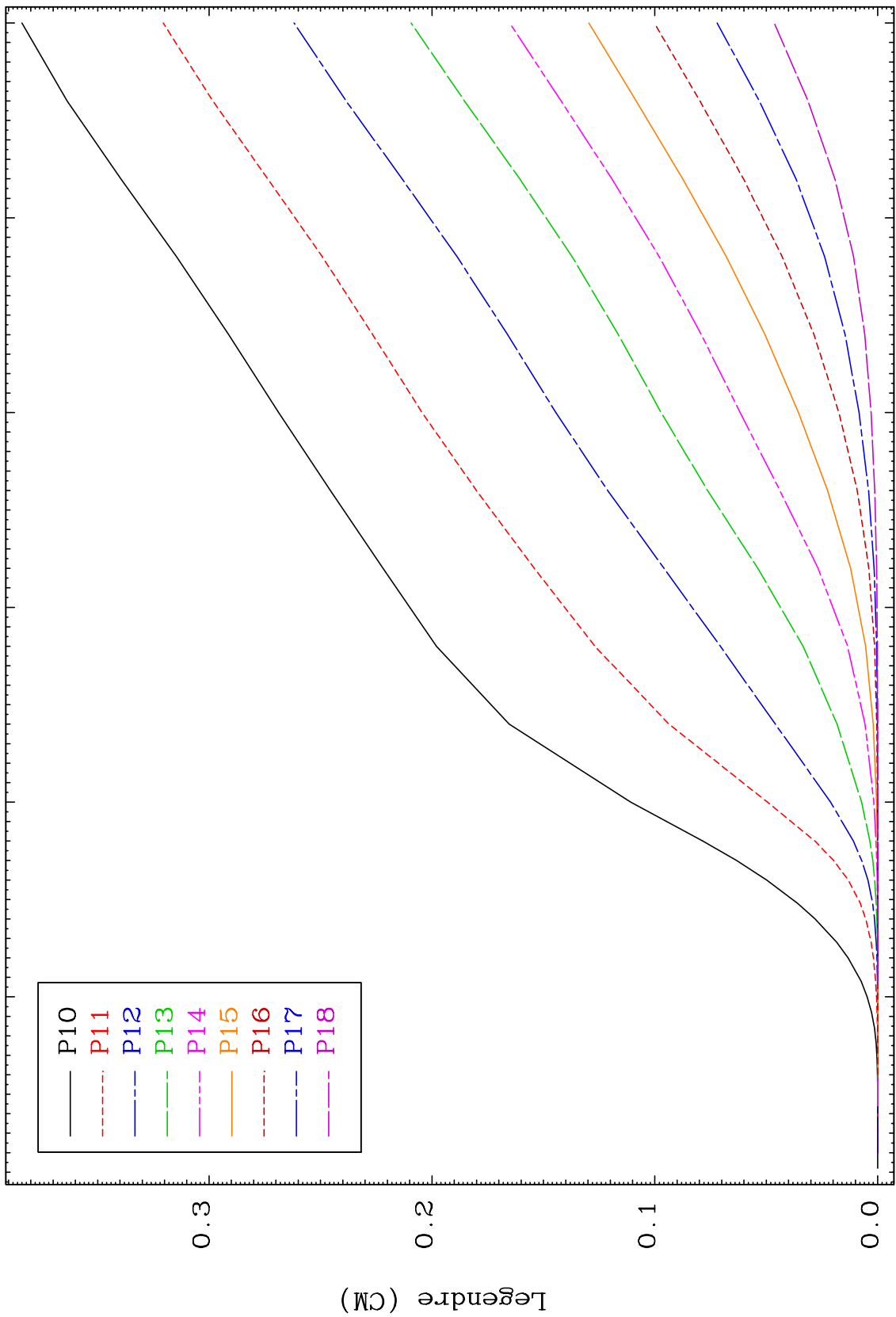
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



19

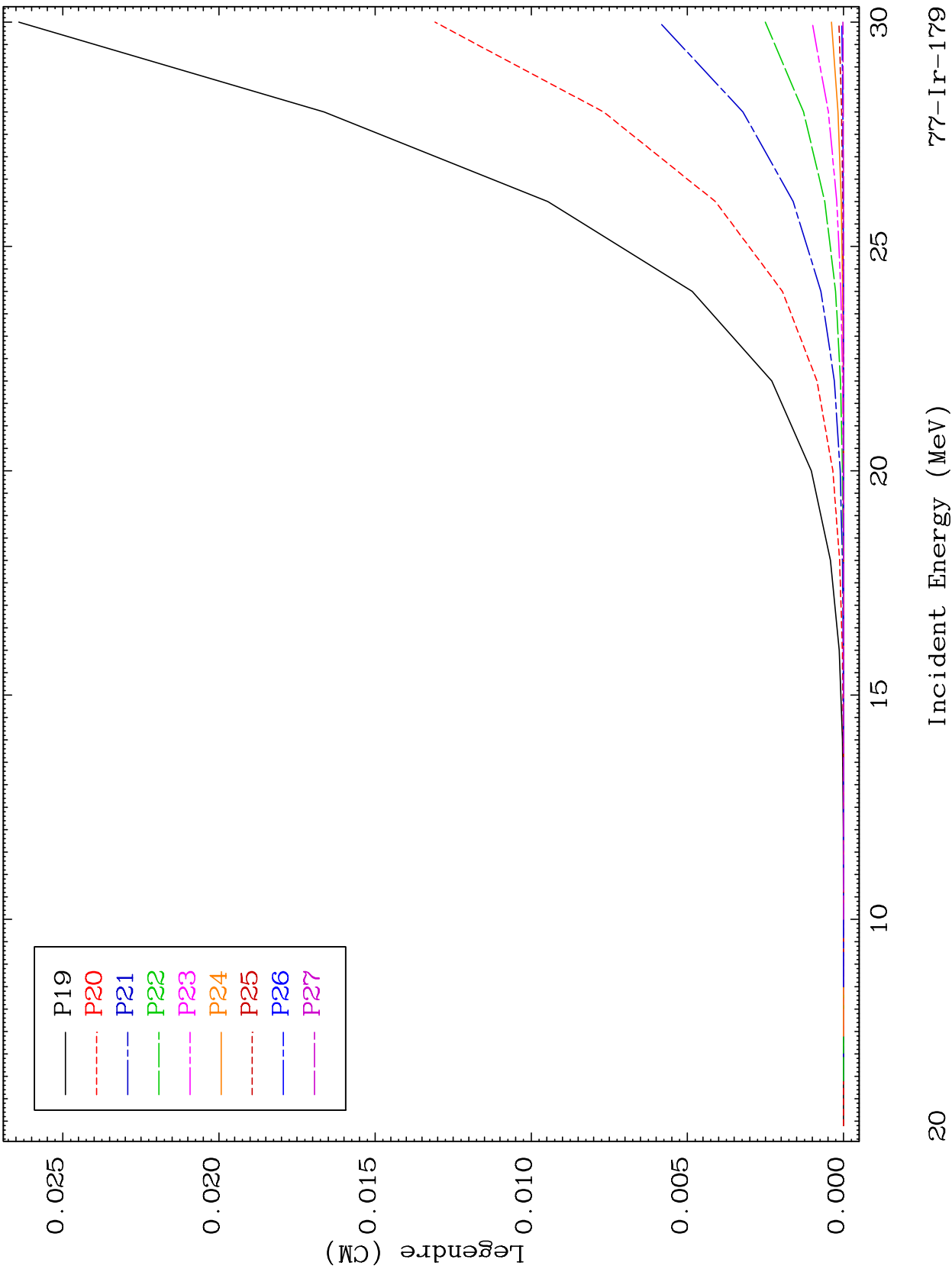
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



20

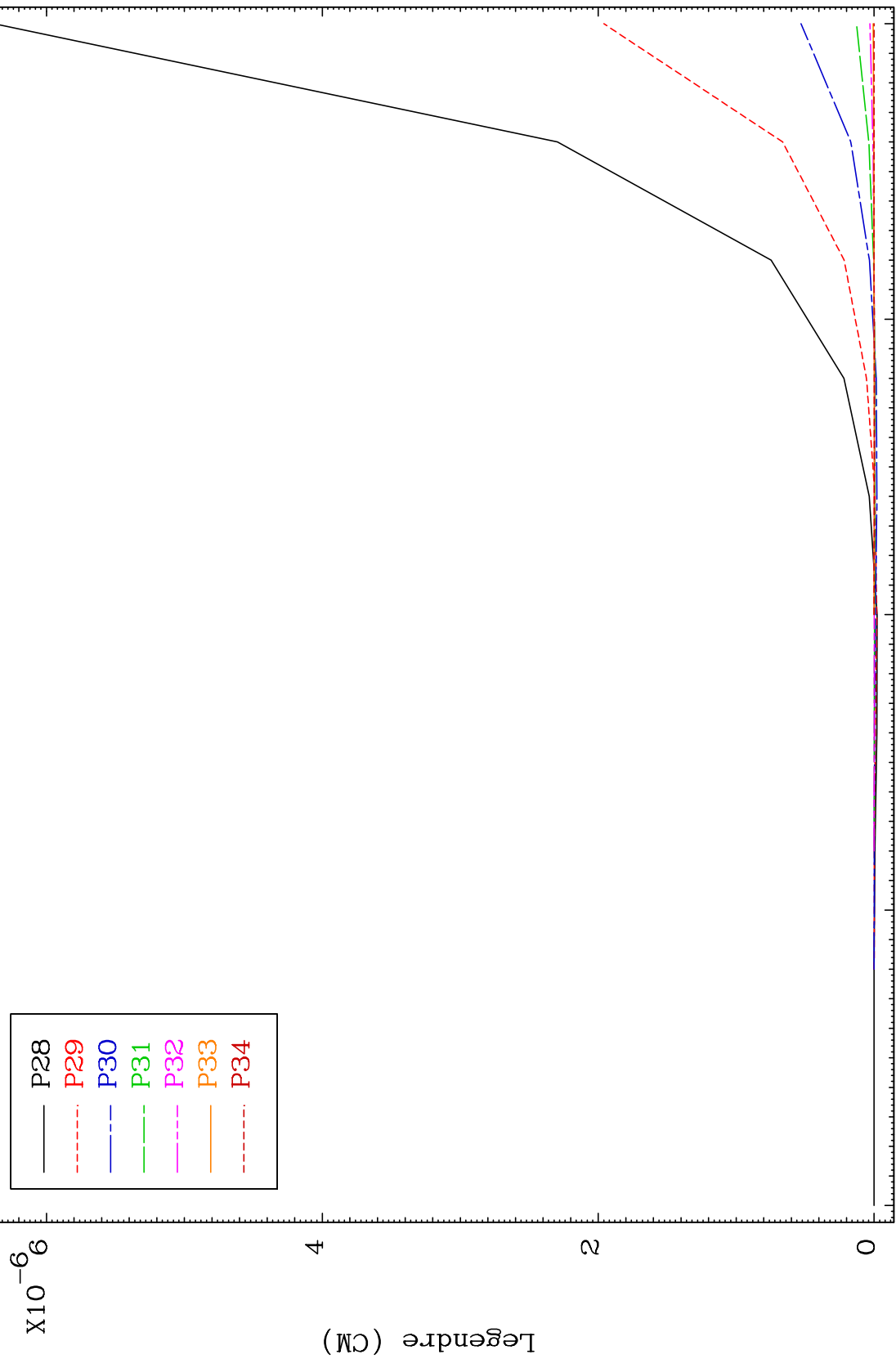
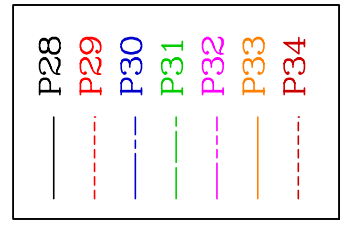
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

Elastic Legendre Coefficients

<sup>77</sup>Ir-179



21

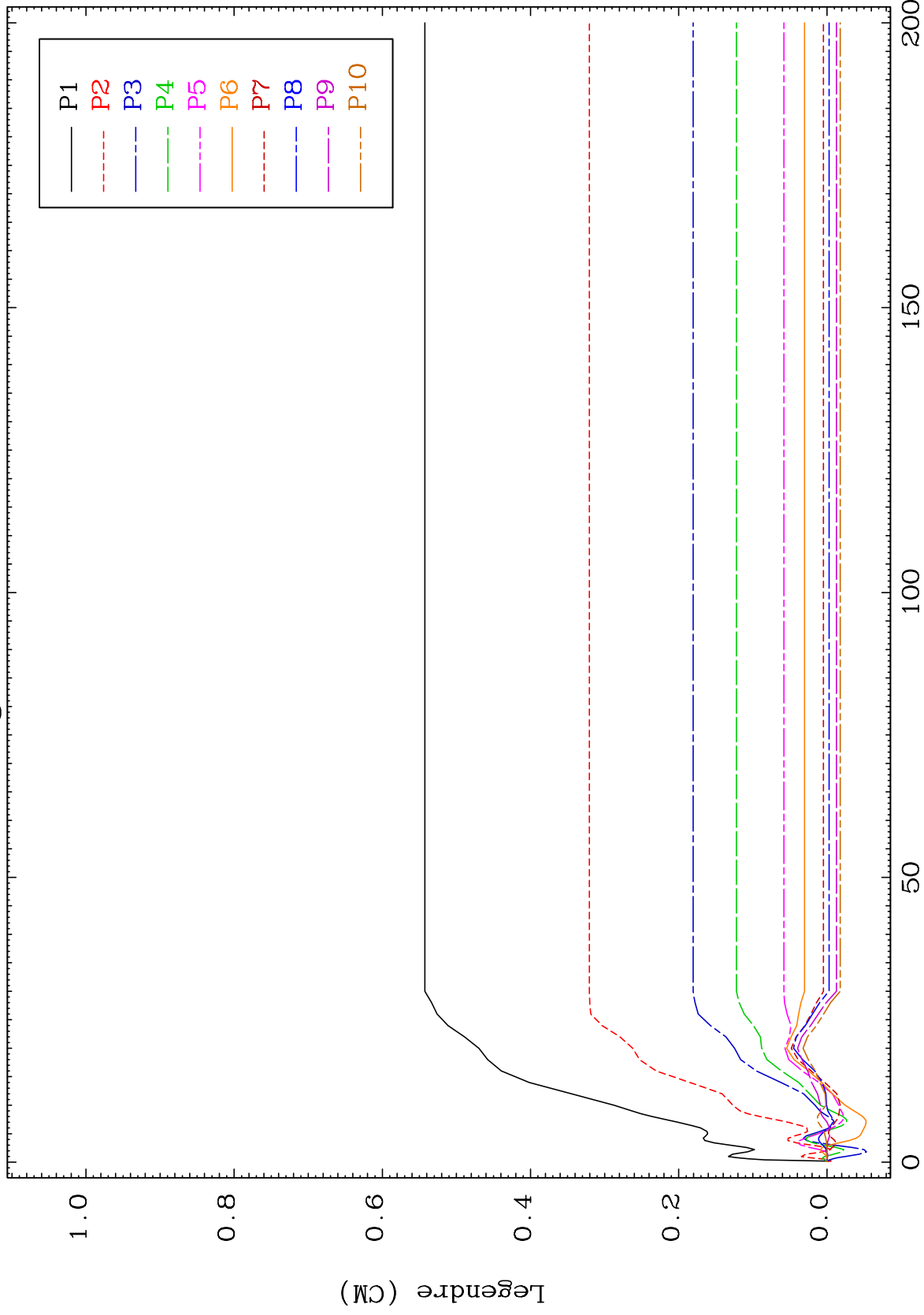
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

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

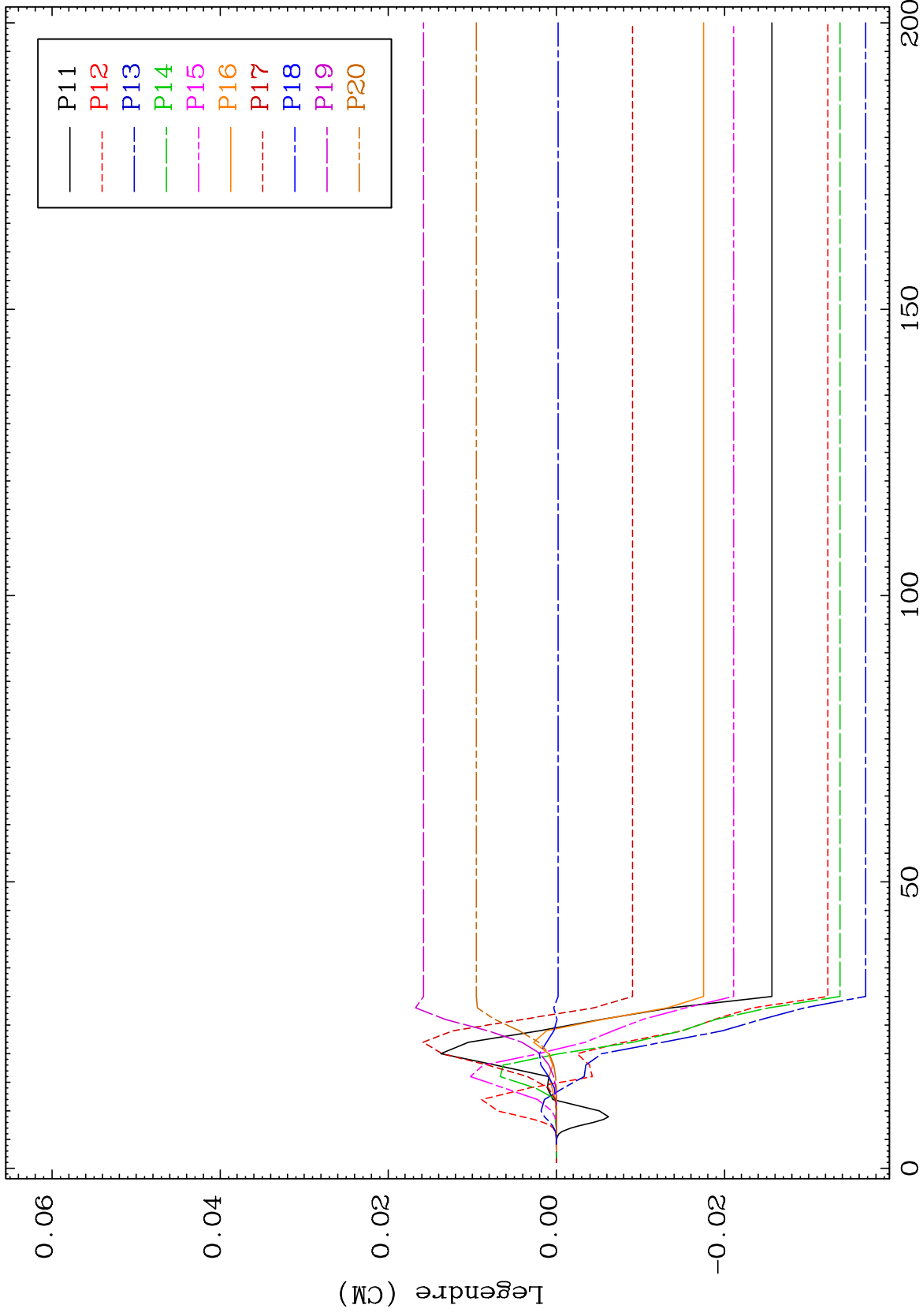
77-Ir-179



22

Incident Energy (MeV)

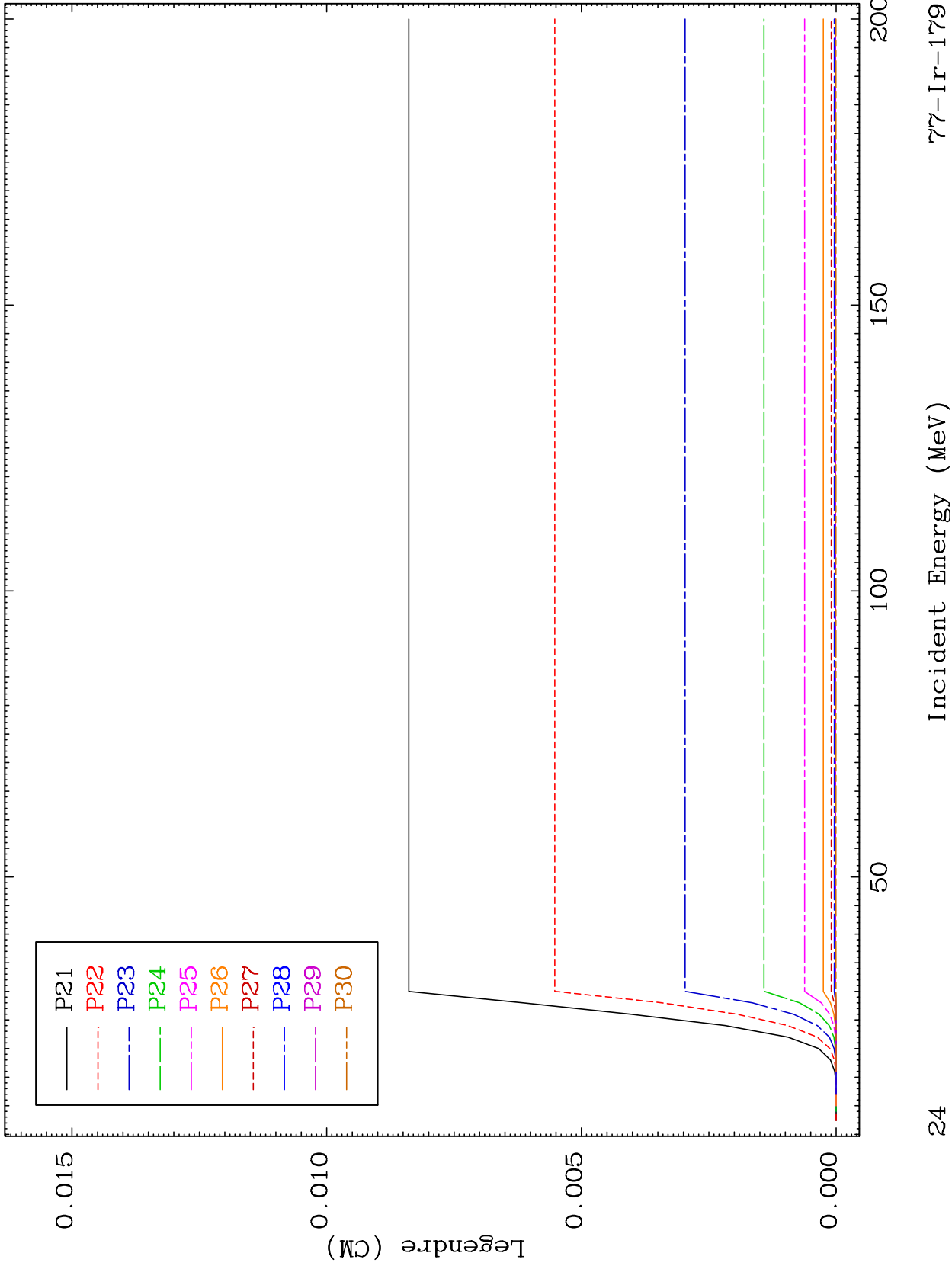
77-Ir-179



MAT 7689

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

77-Ir-179



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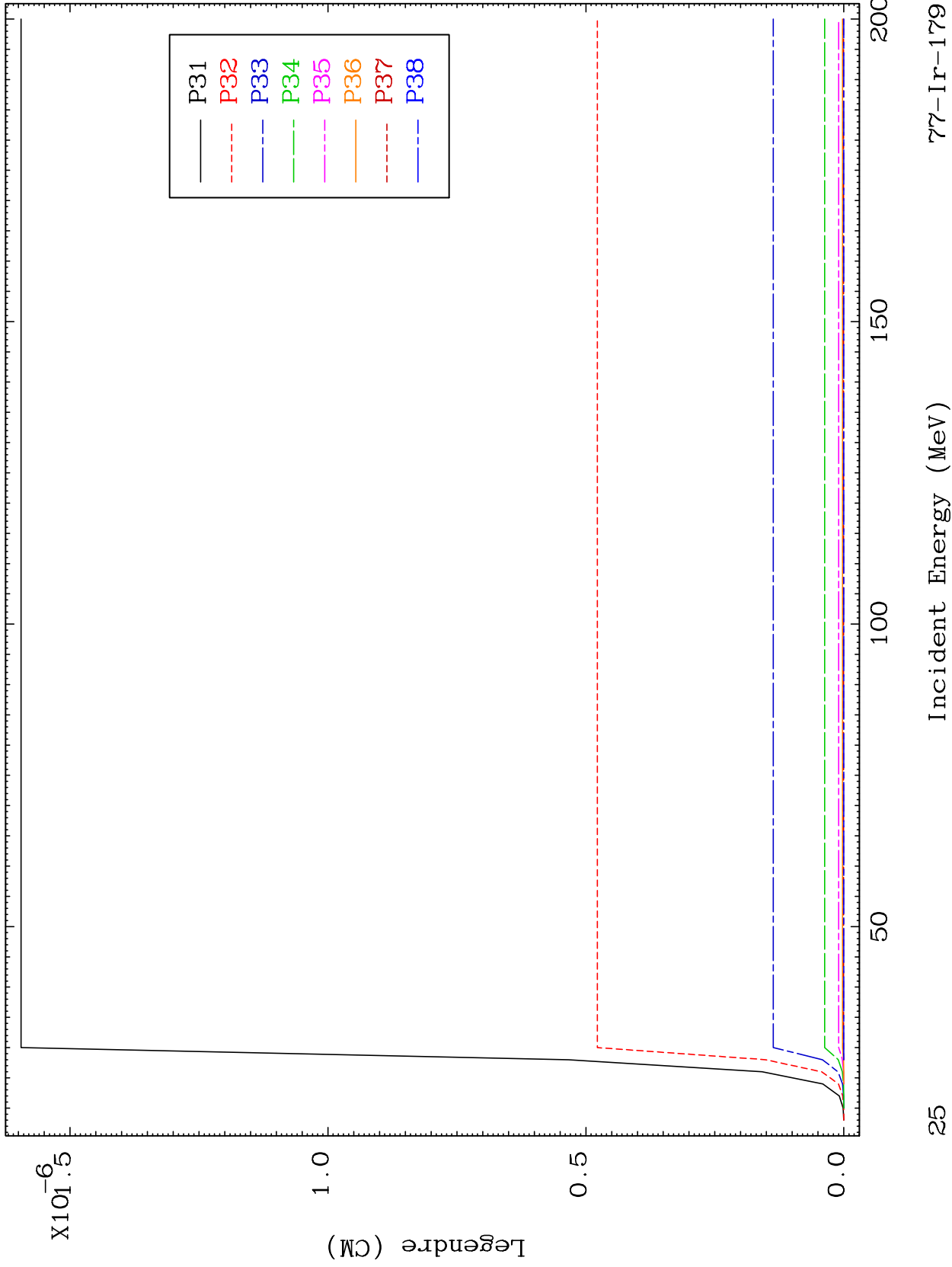
Incident Energy (MeV)

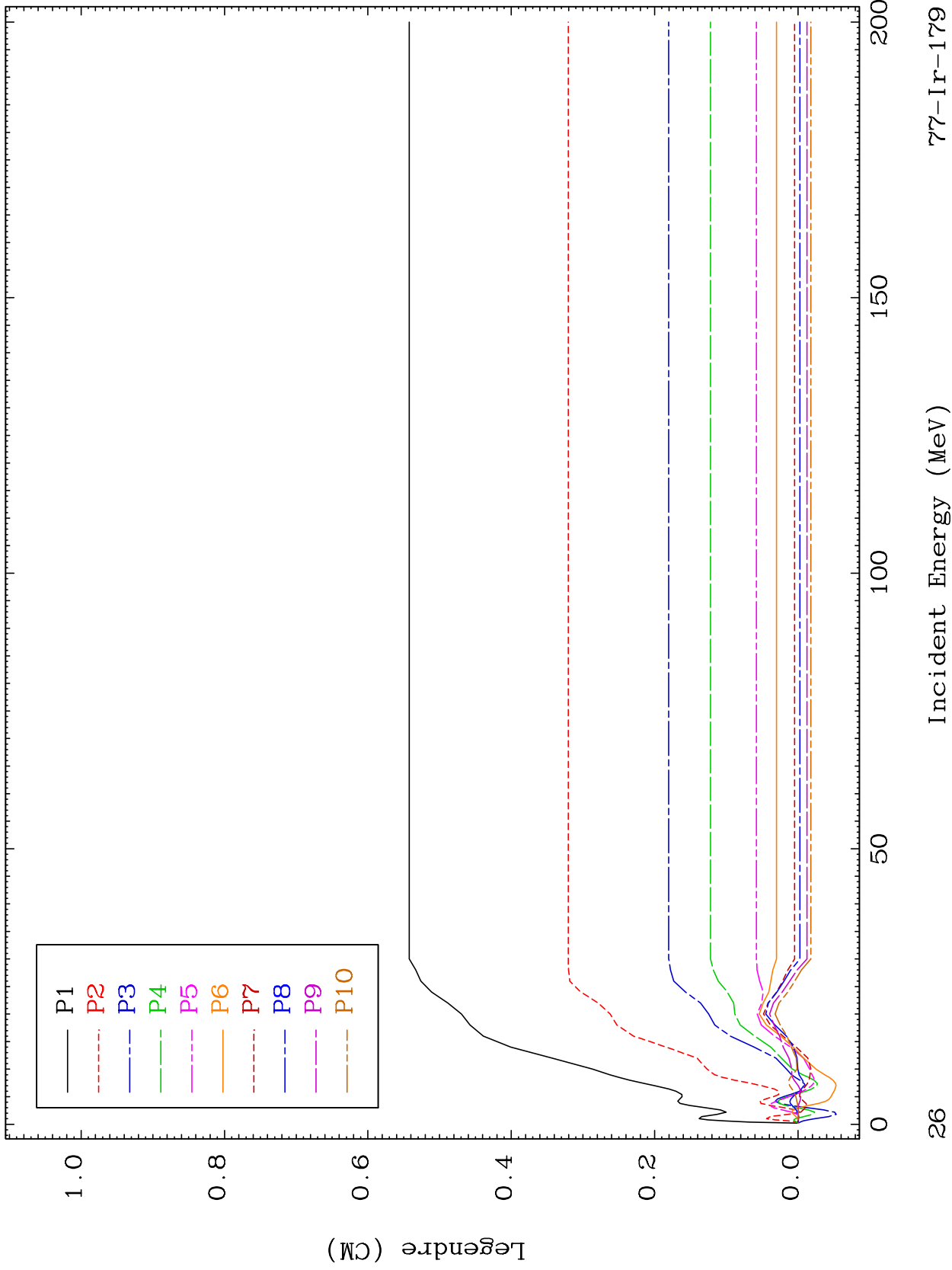
77-Ir-179

MAT 7689

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

77-Ir-179

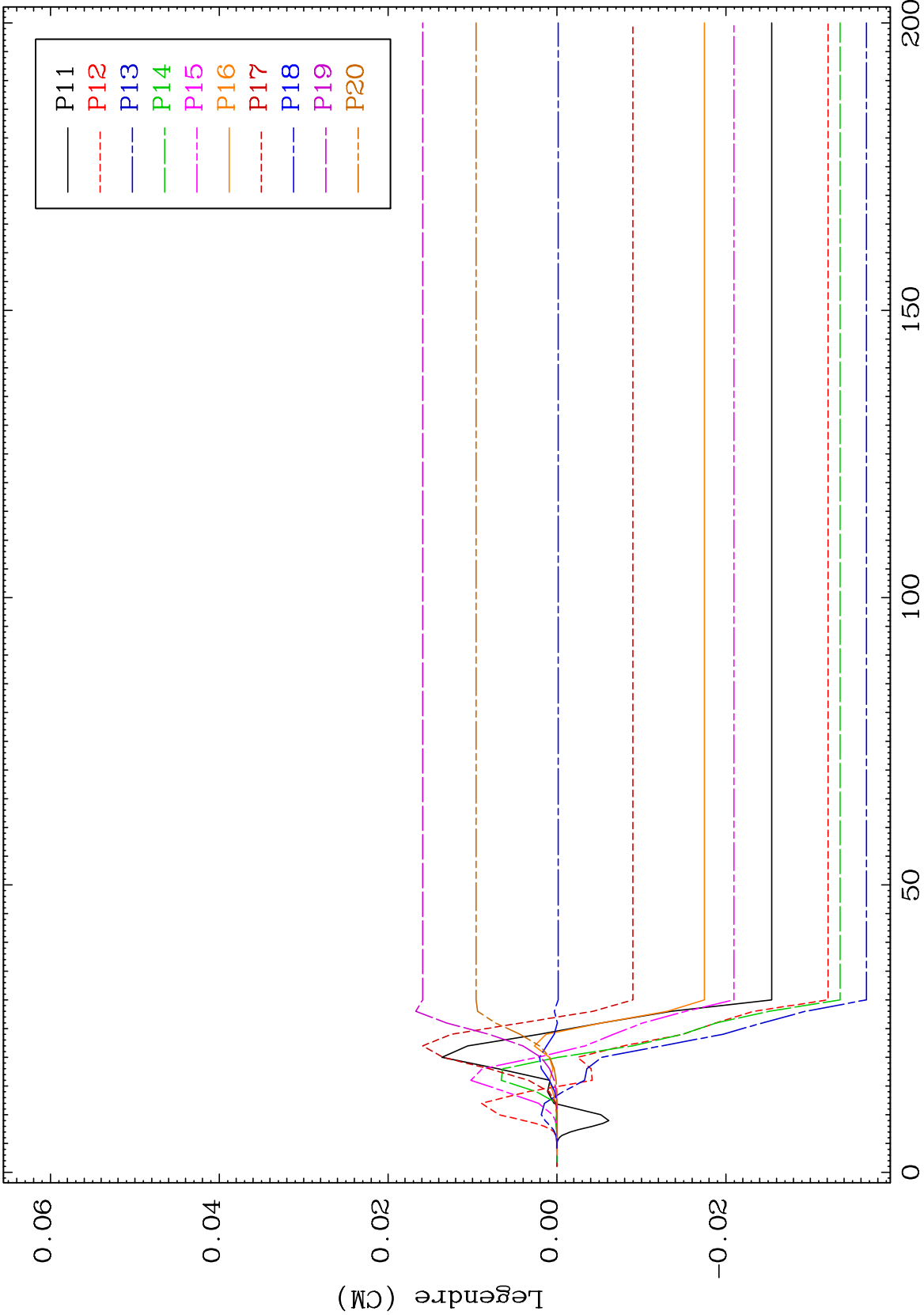




MAT 7689

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

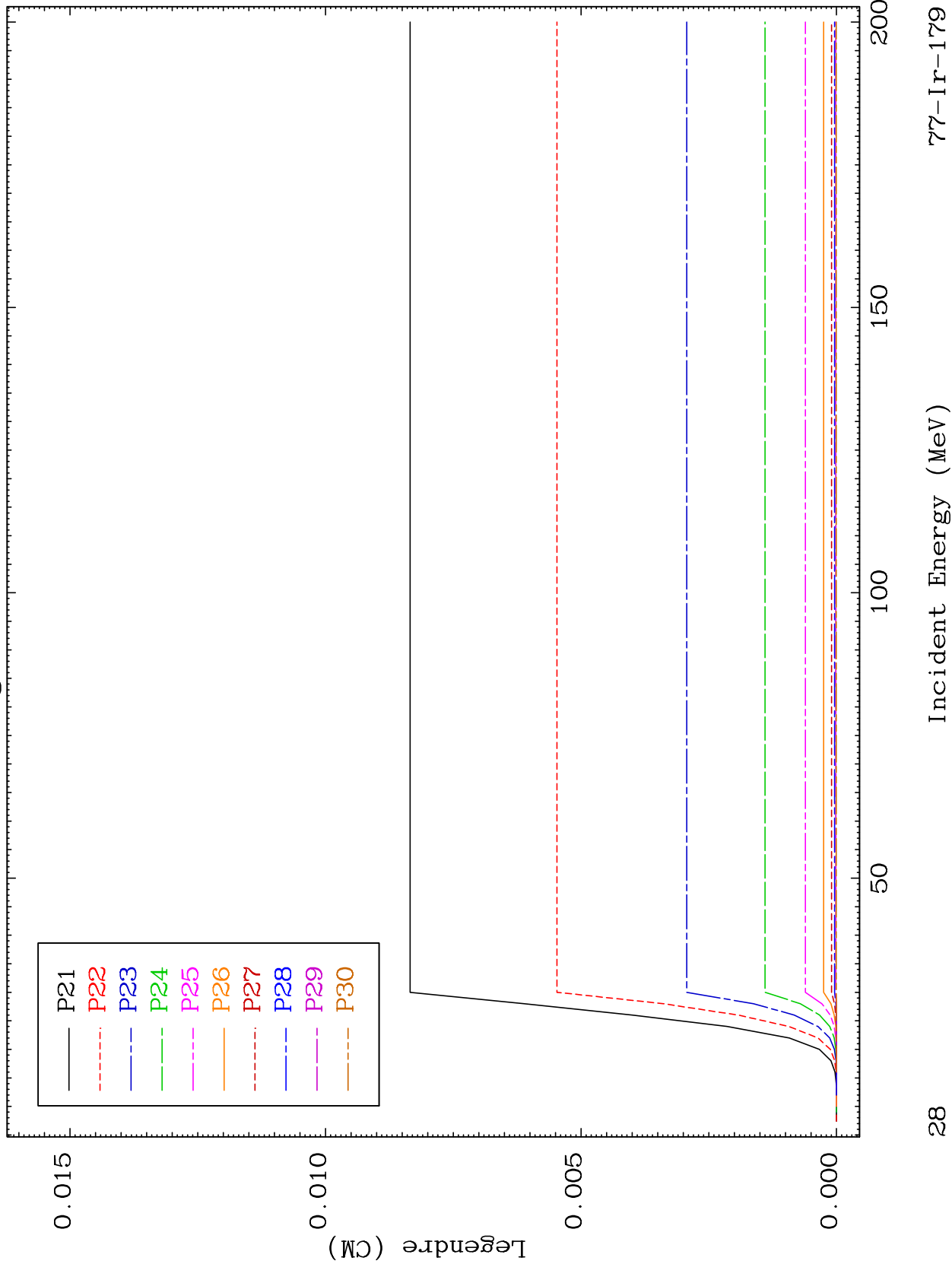
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27

Incident Energy (MeV)

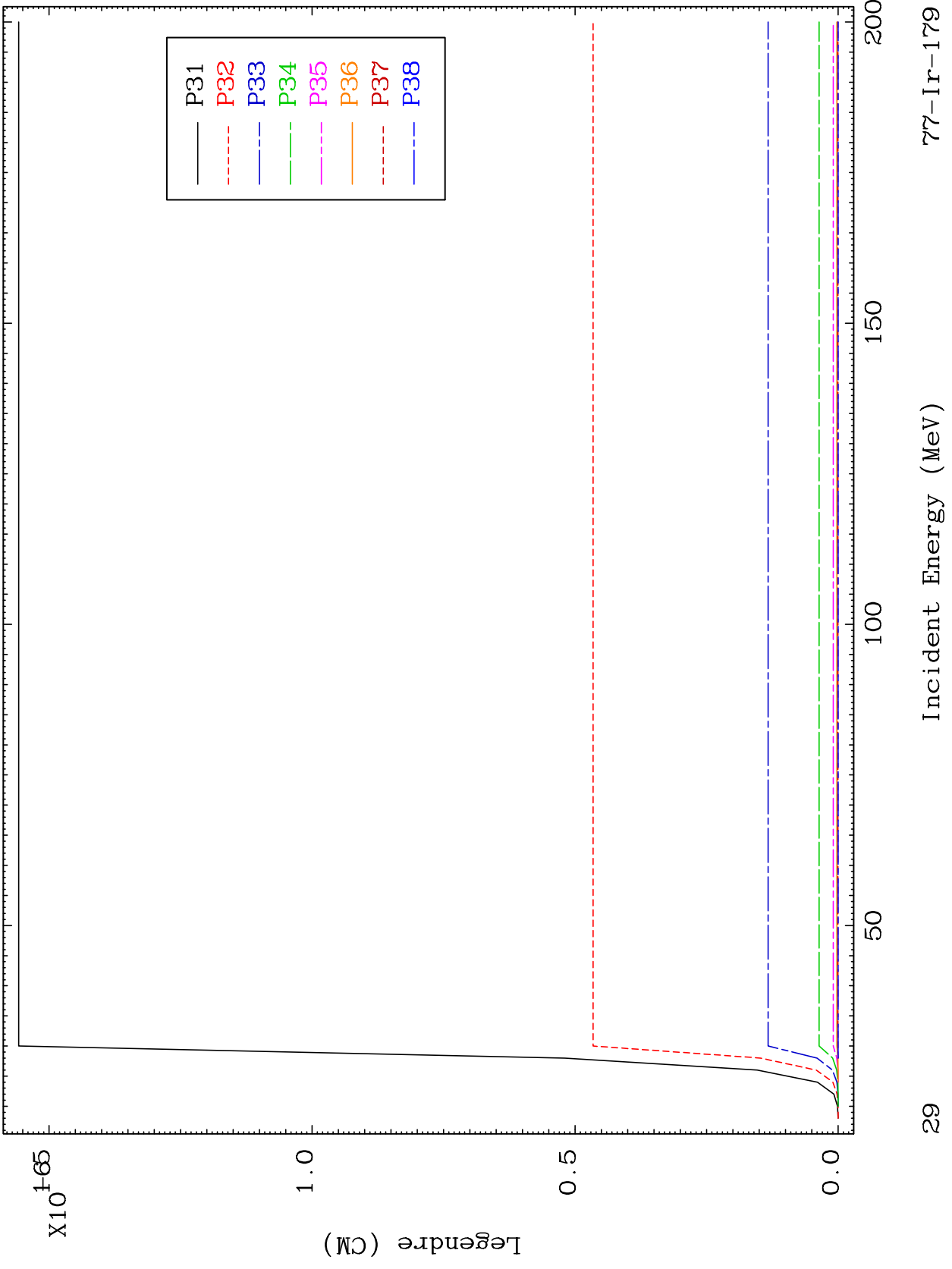
77-Ir-179



MAT 7689

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

77-Ir-179



29

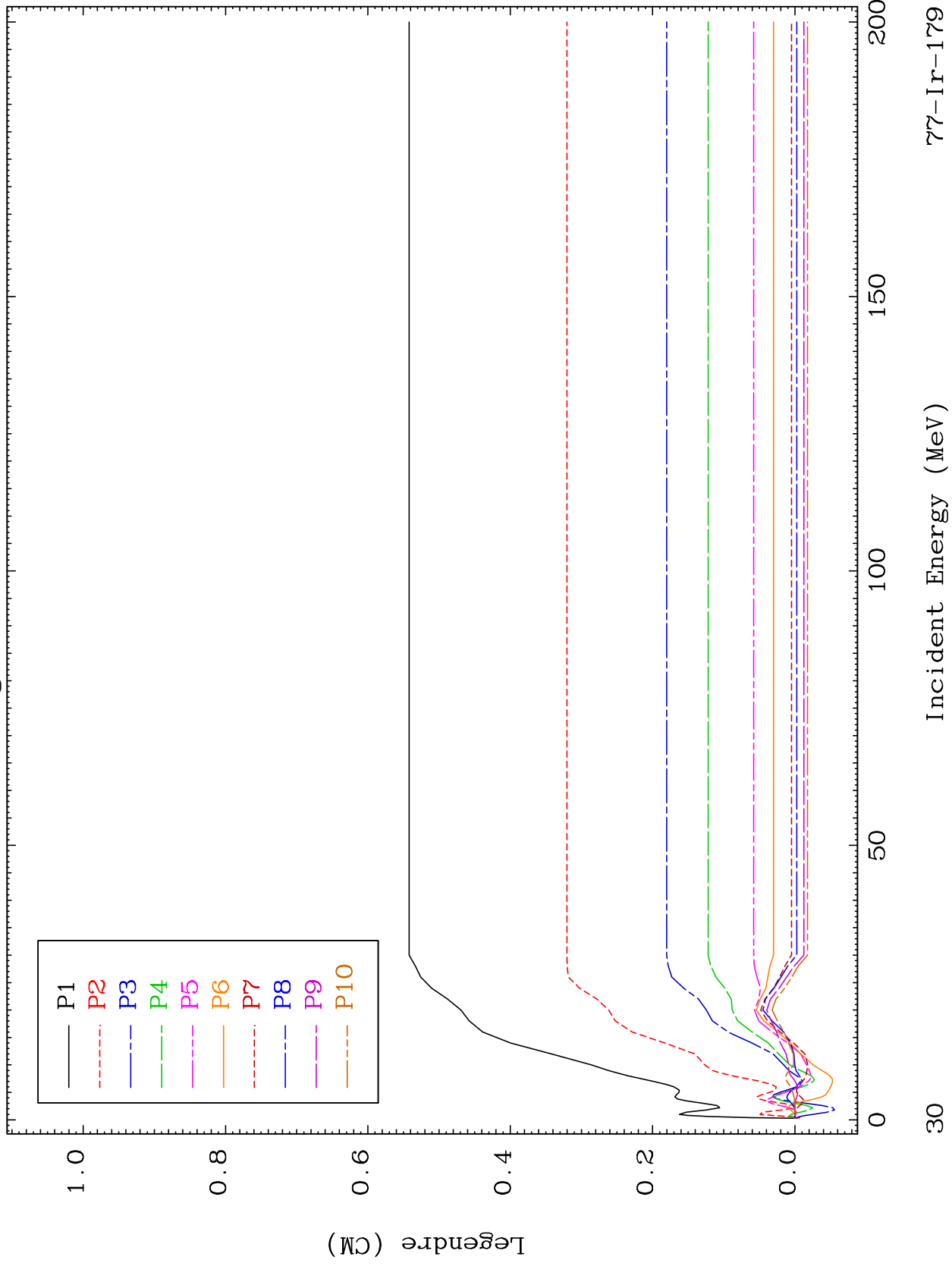
Incident Energy (MeV)

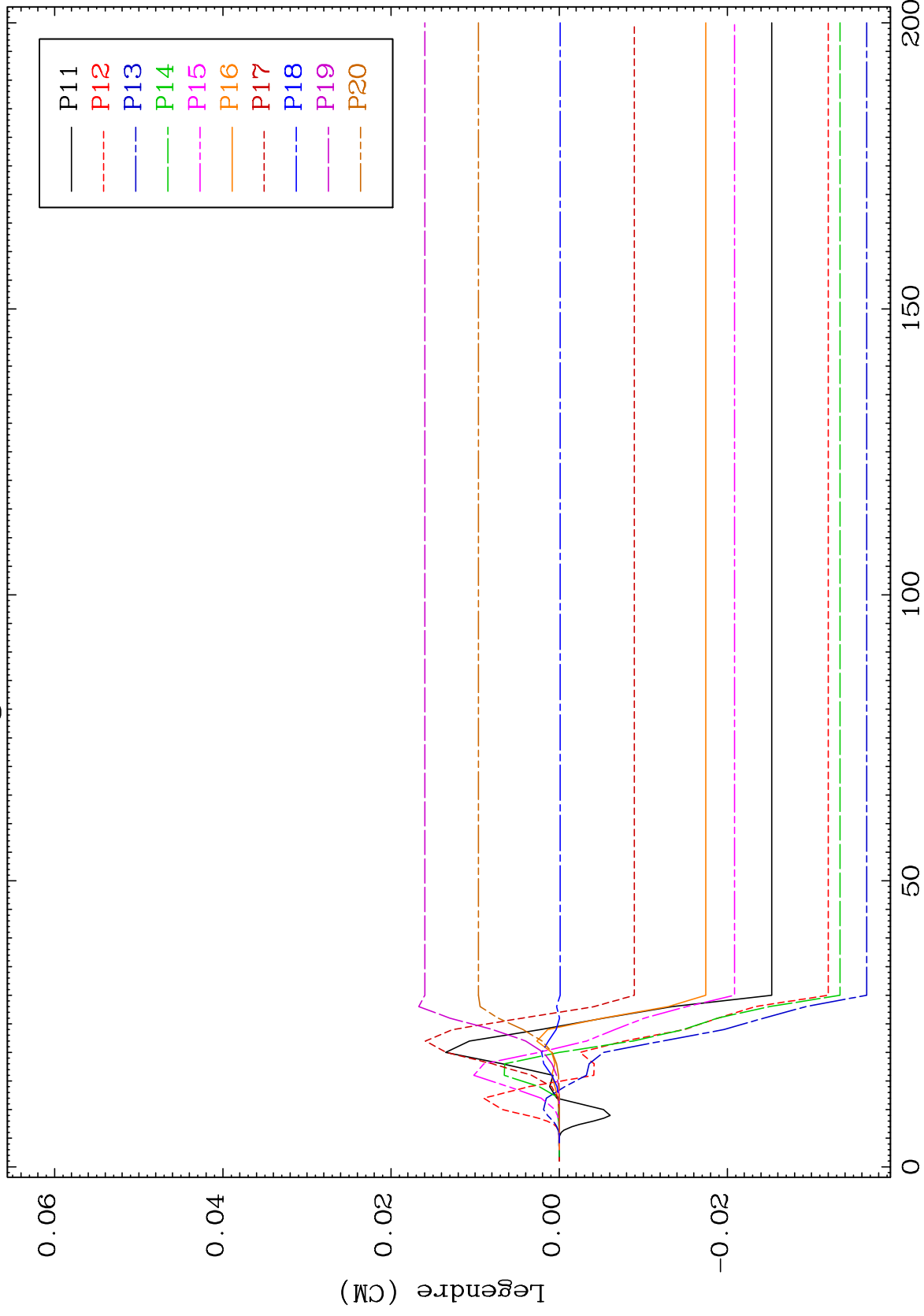
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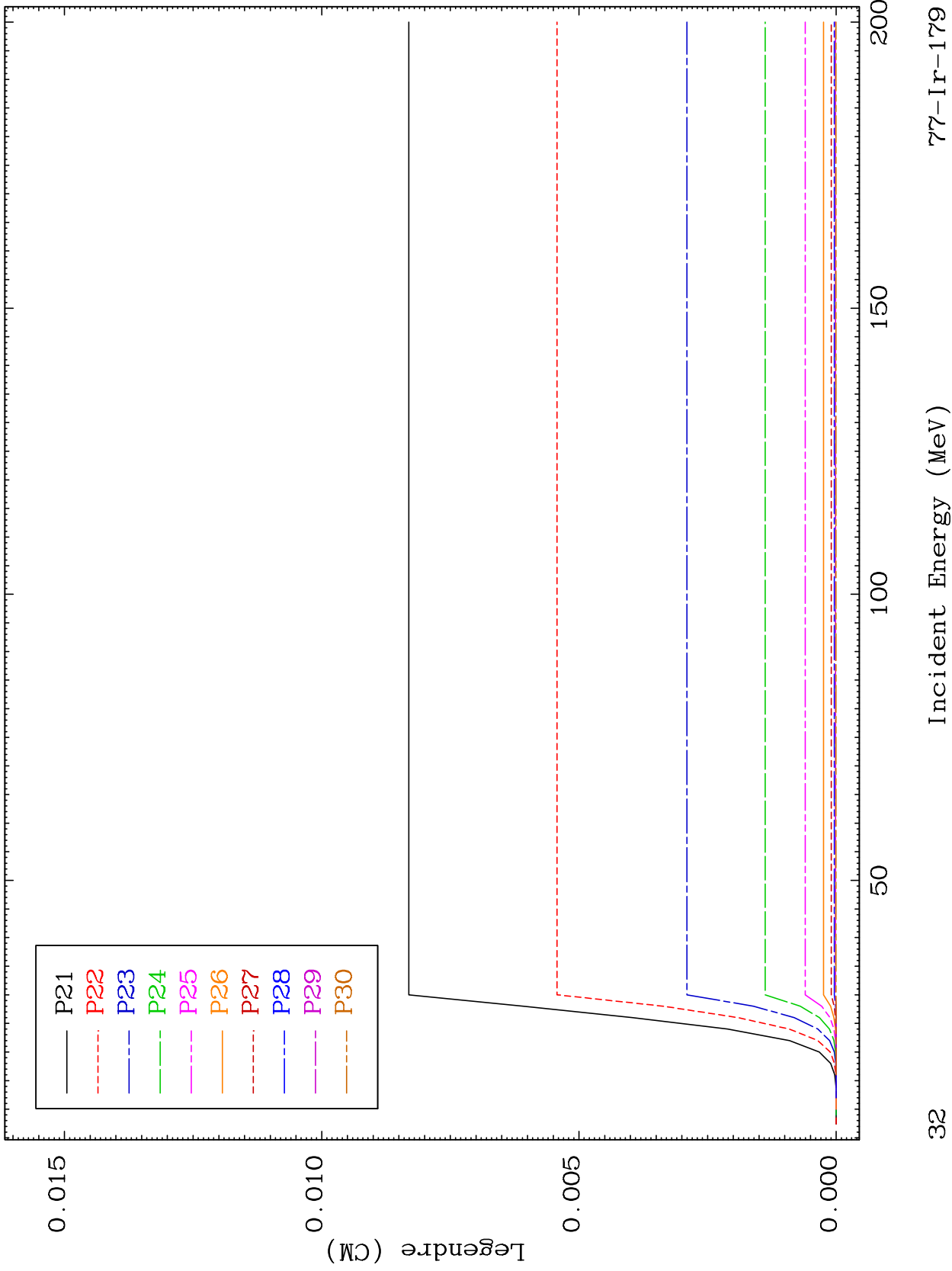
MAT 7689

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

77-Ir-179



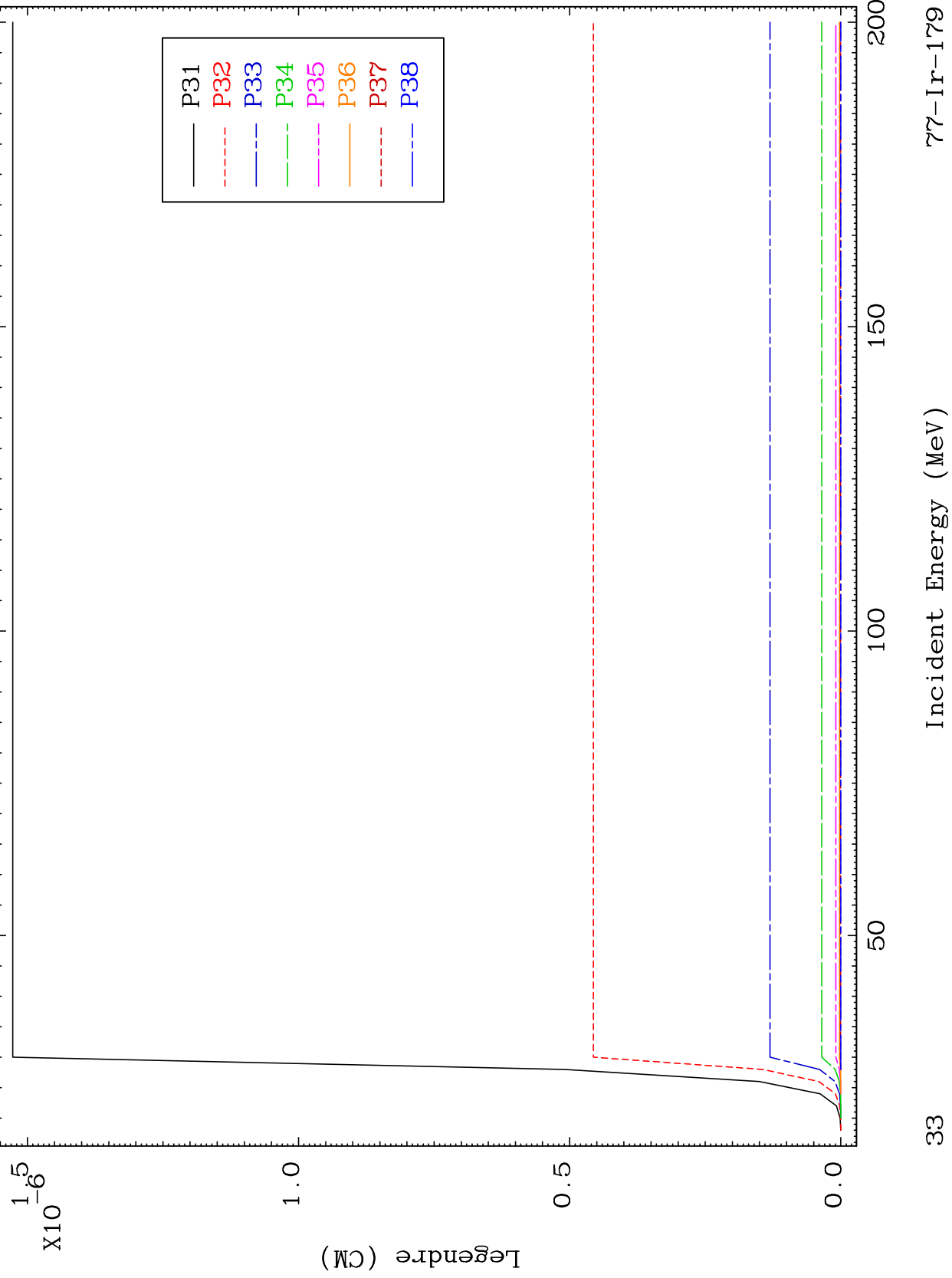




MAT 7689

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

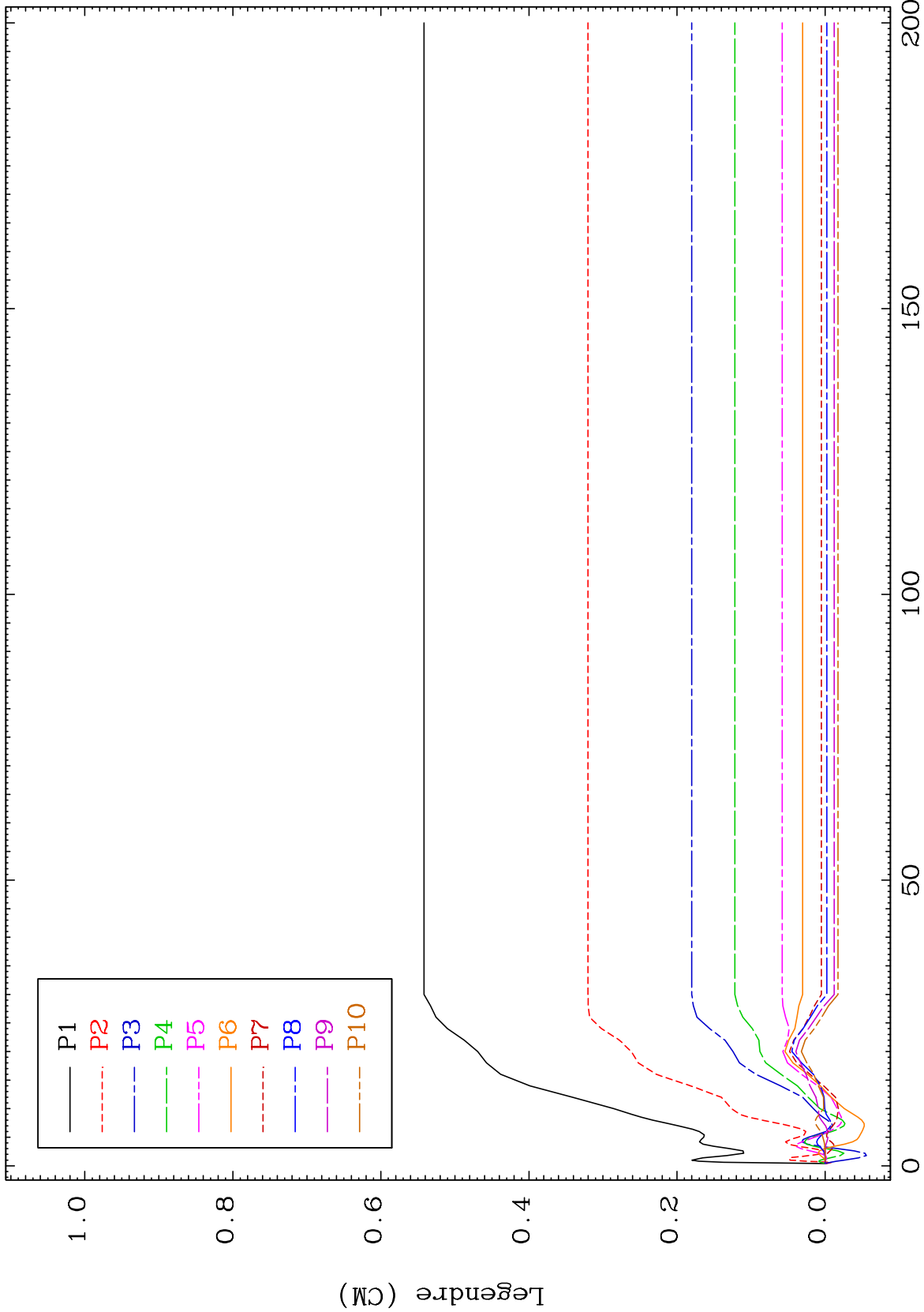
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33

Incident Energy (MeV)

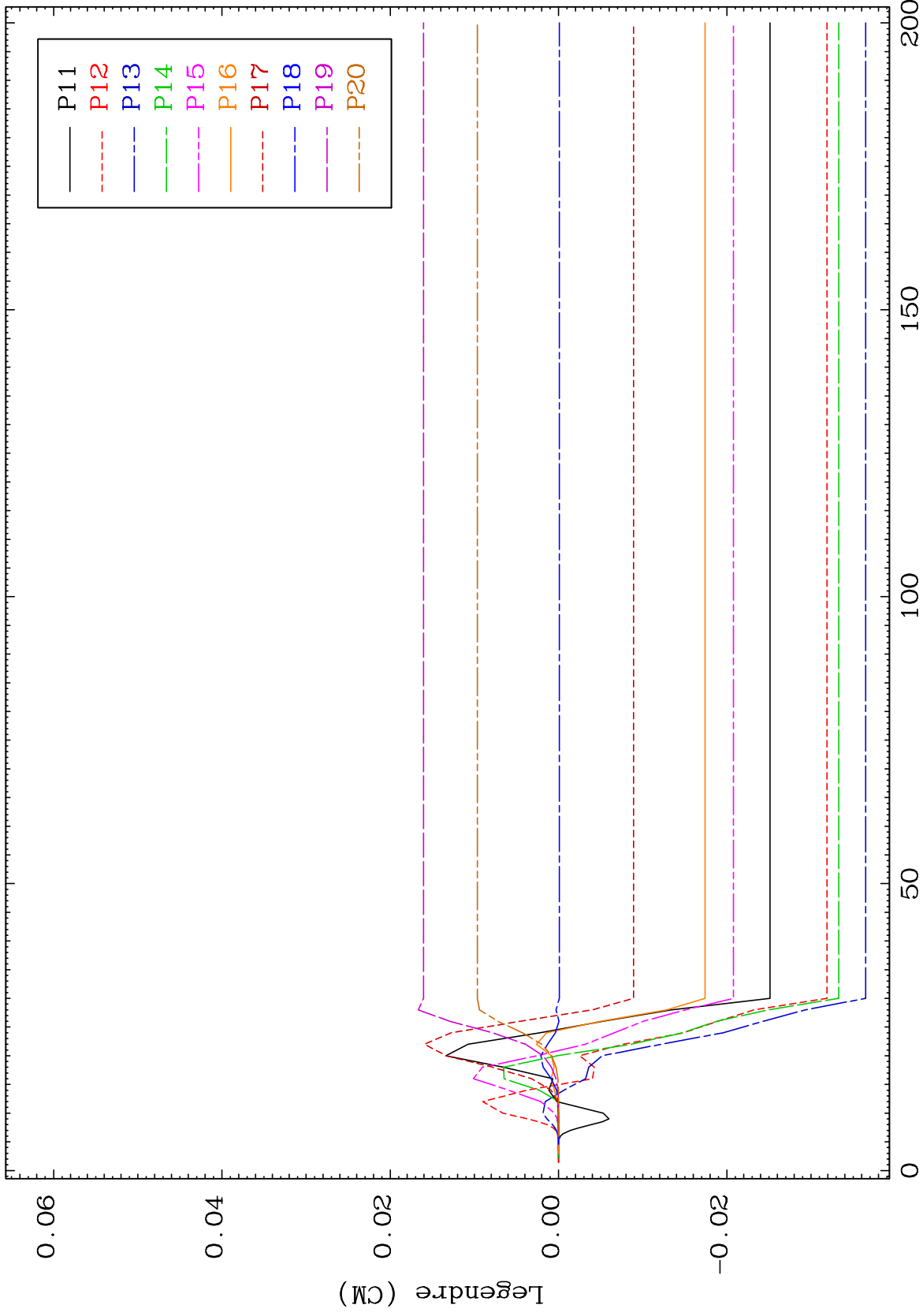
77-Ir-179



MAT 7689

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

77-Ir-179



35

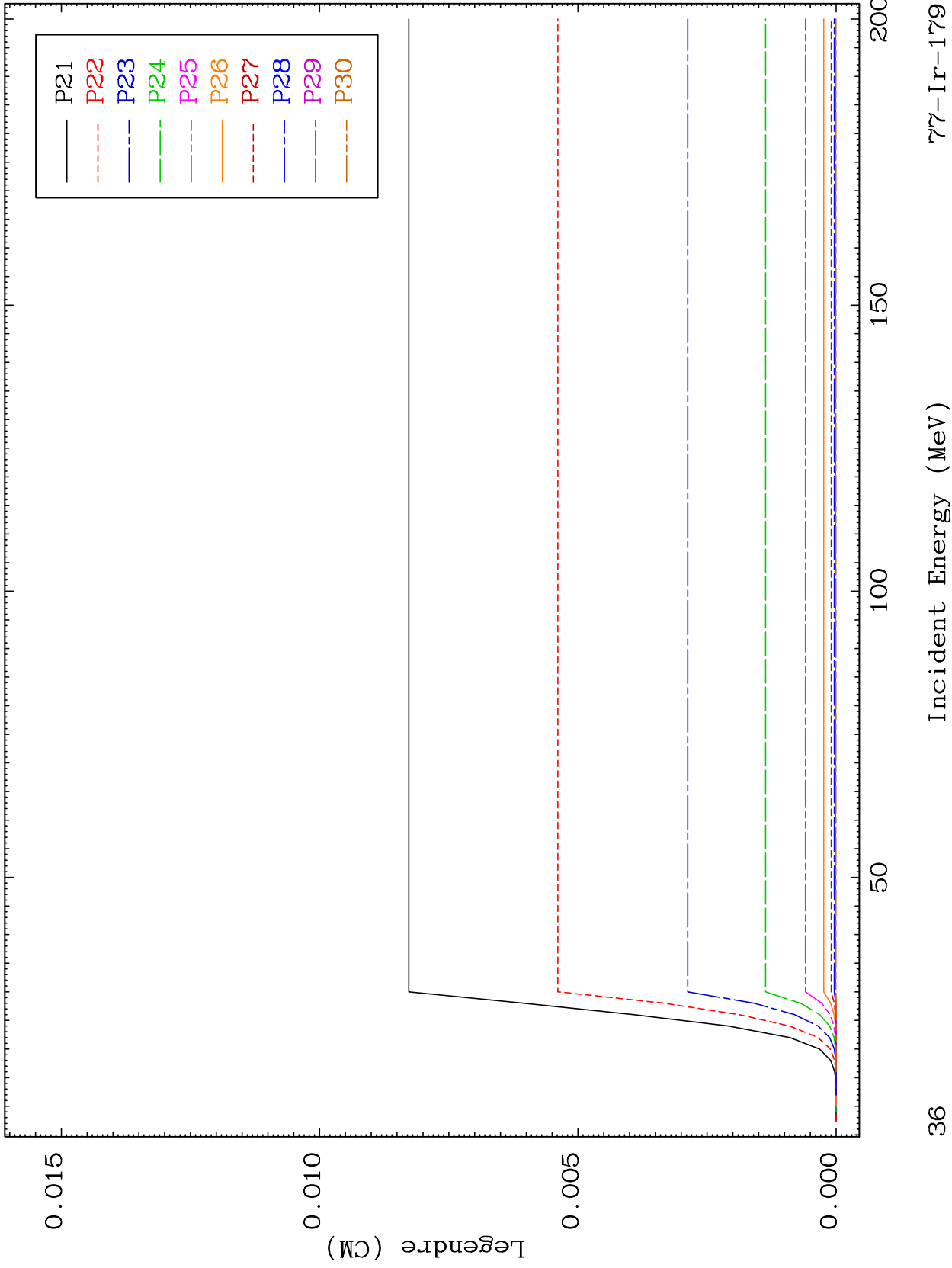
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



36

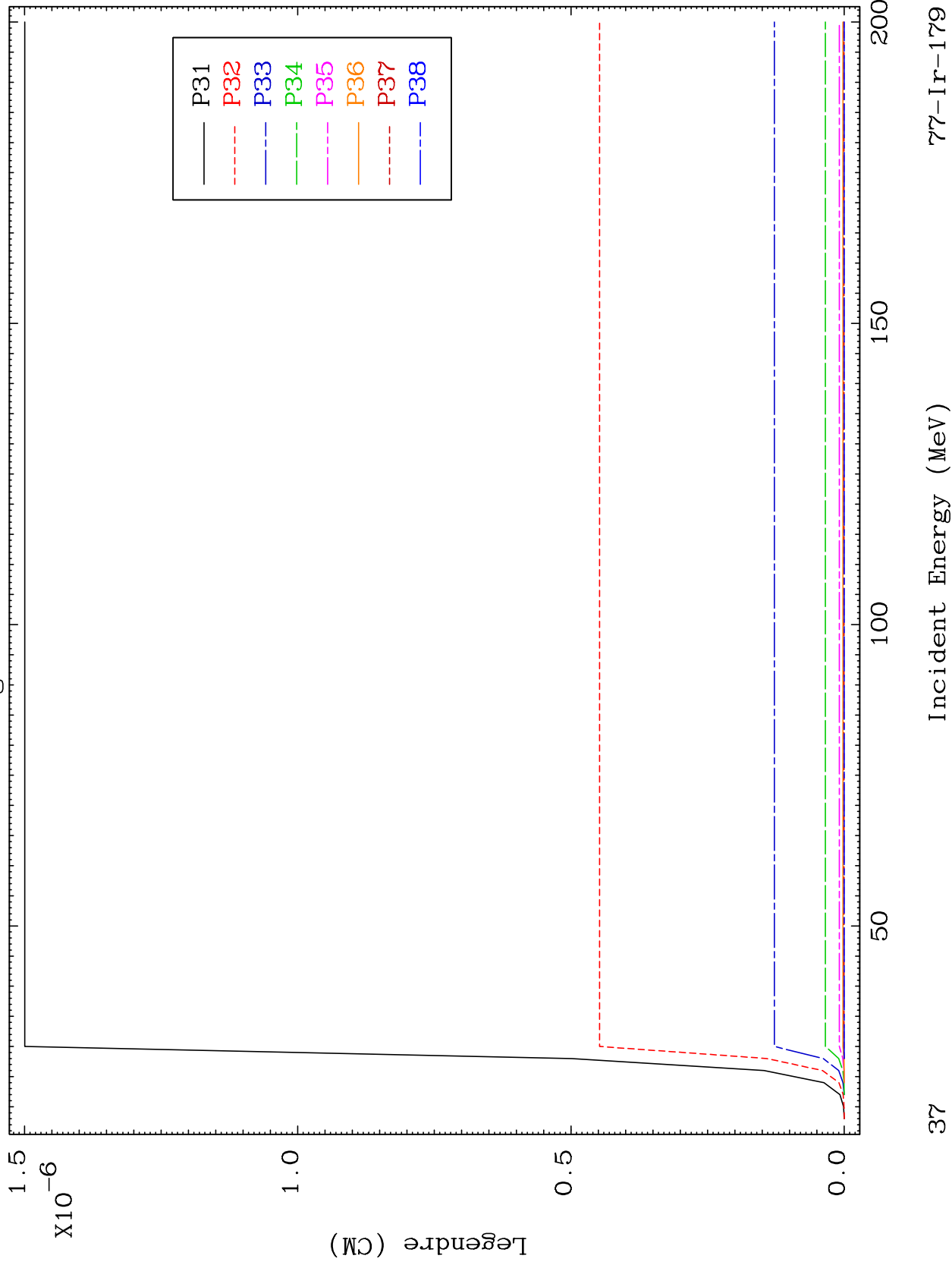
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



37

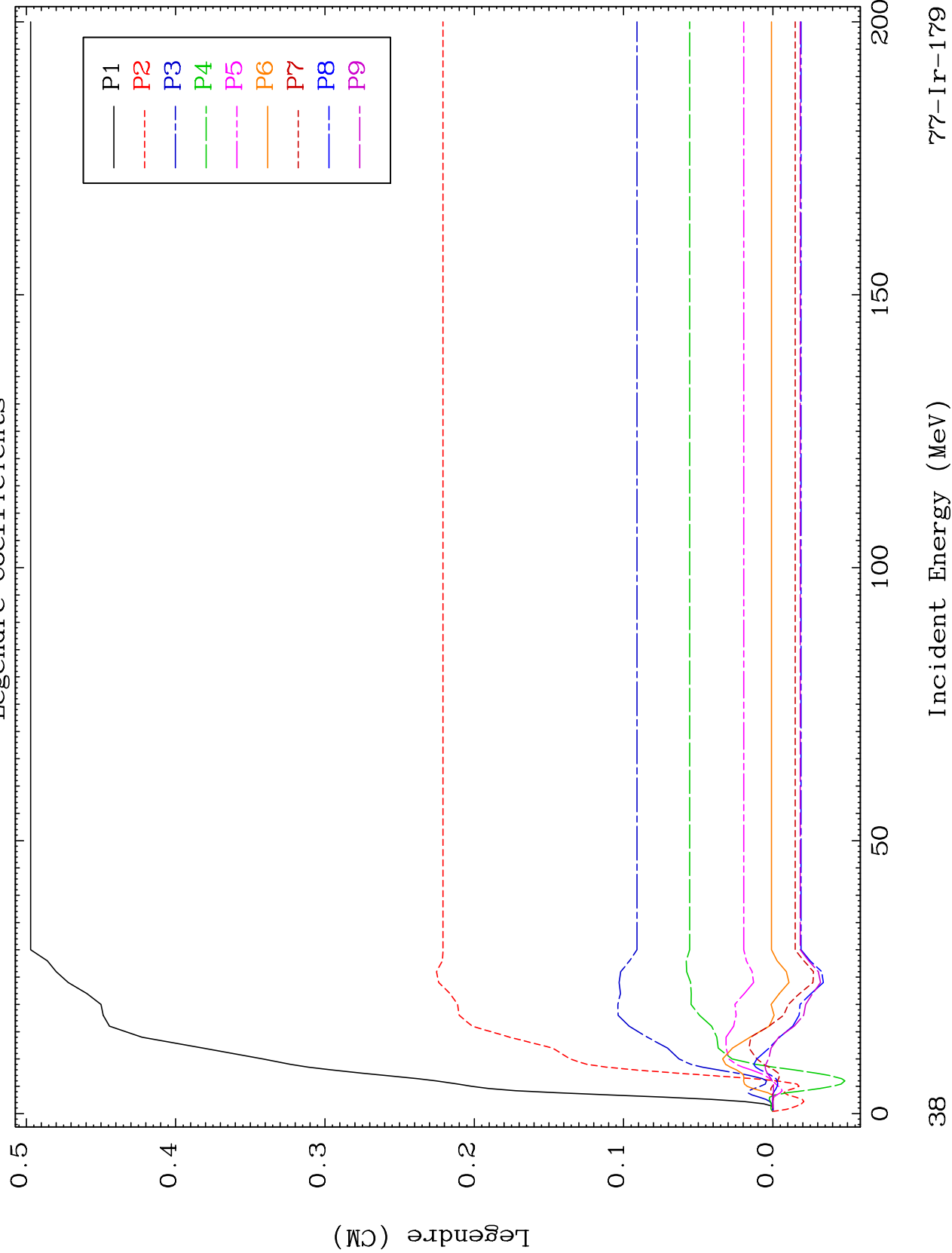
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

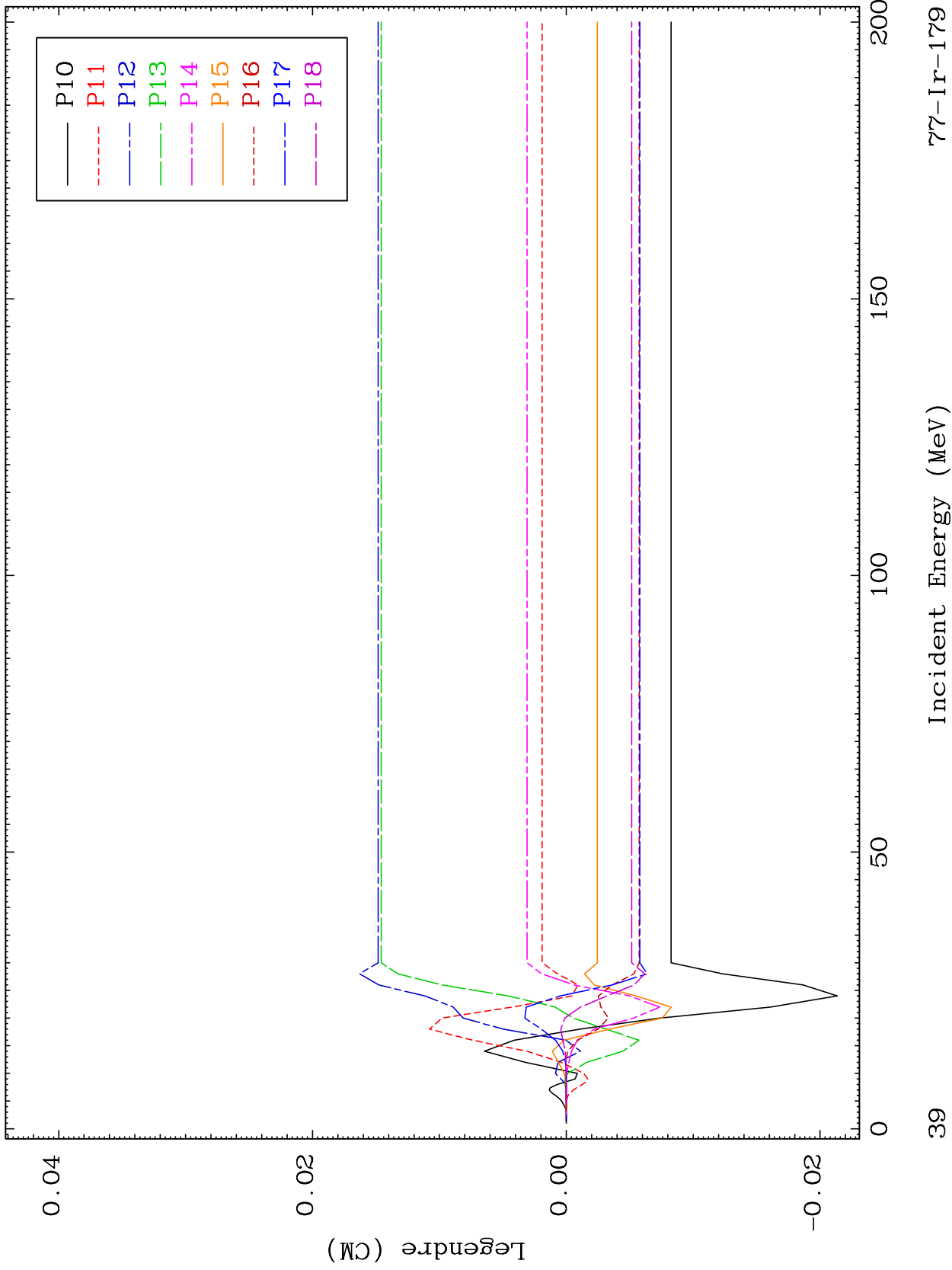
Incident Energy (MeV)

38

MAT 7689

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

77-Ir-179

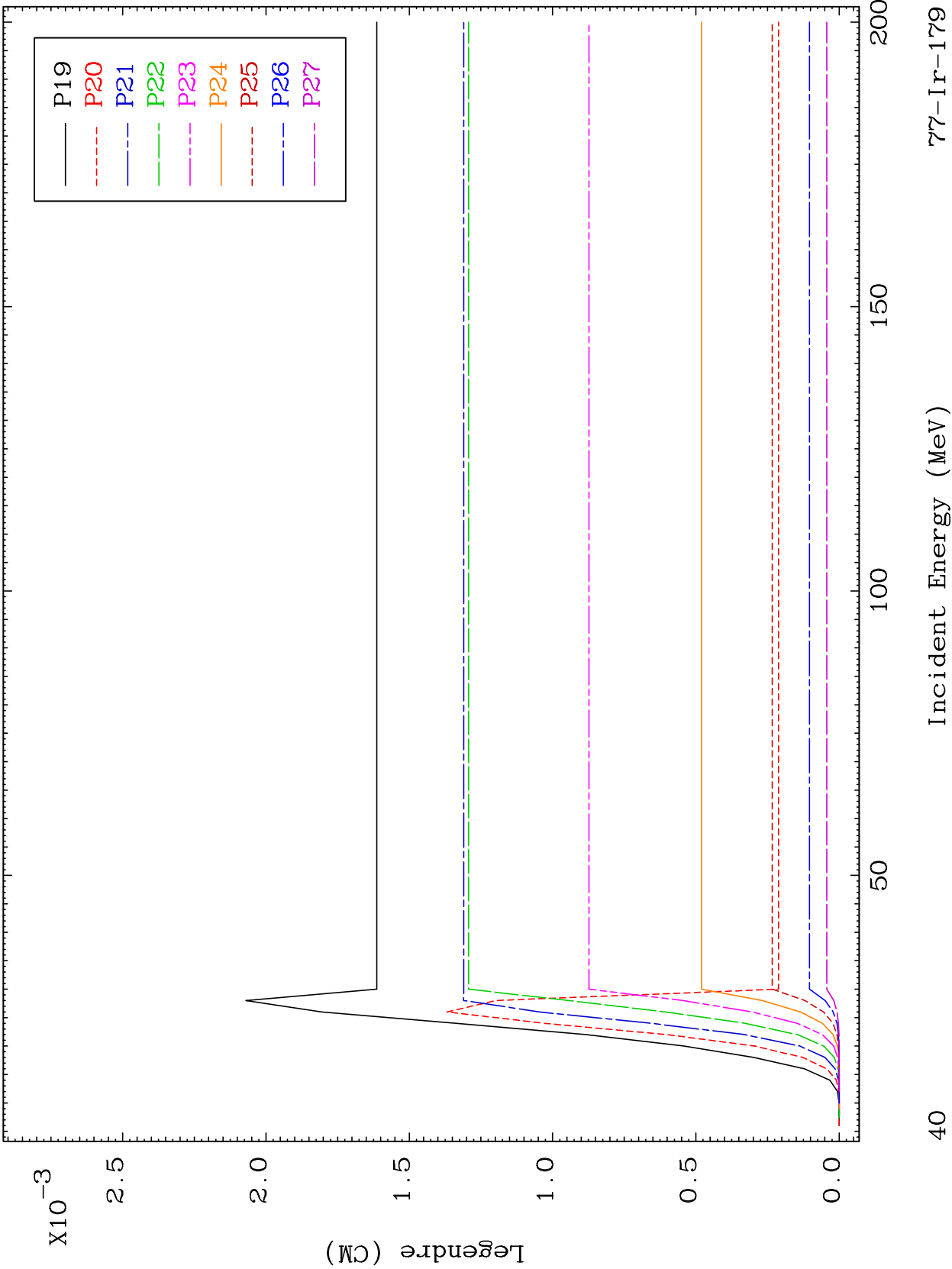


77-Ir-179

MAT 7689

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

77-Ir-179

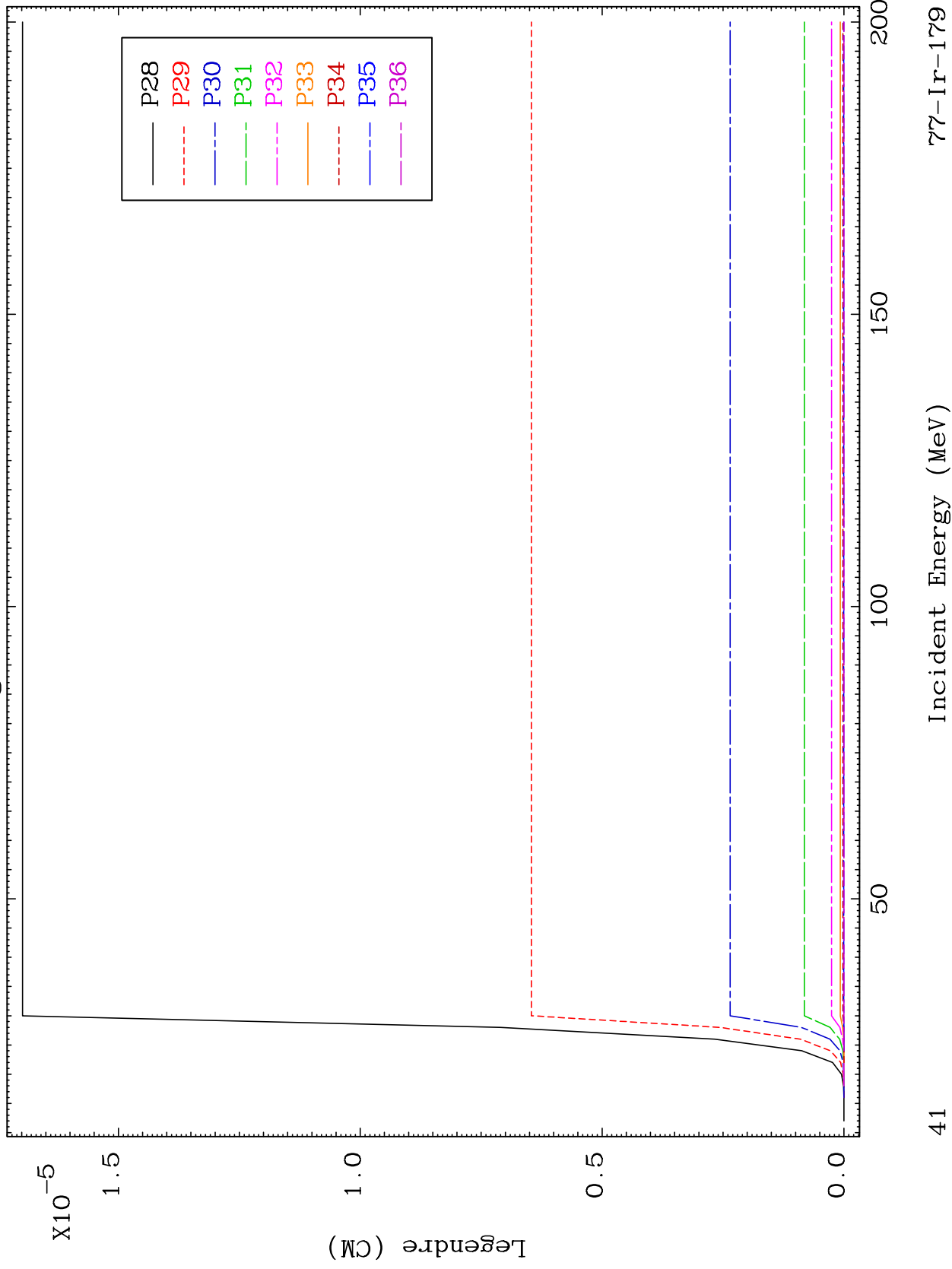


77-Ir-179

MAT 7689

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

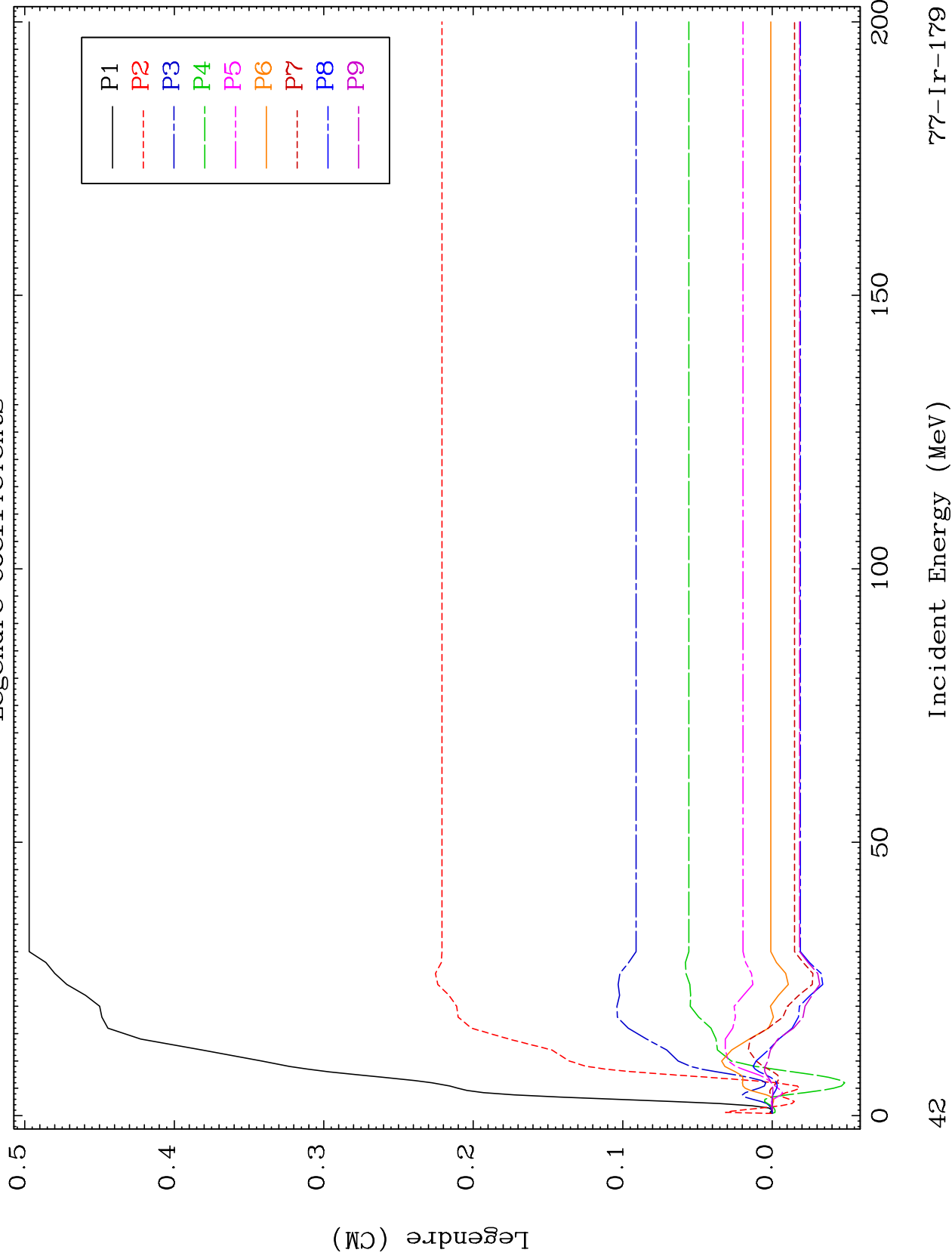
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

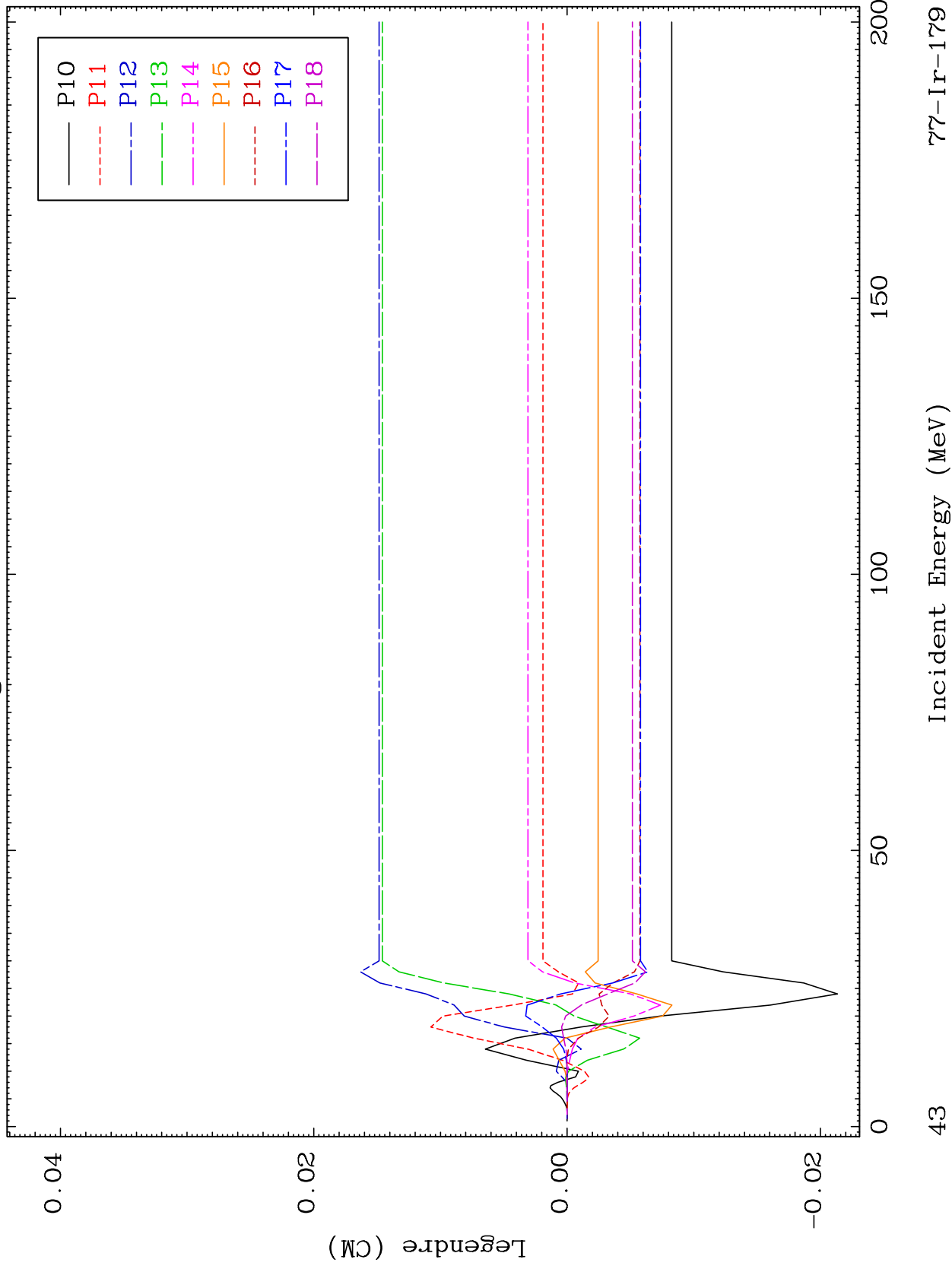
Incident Energy (MeV)

42

MAT 7689

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

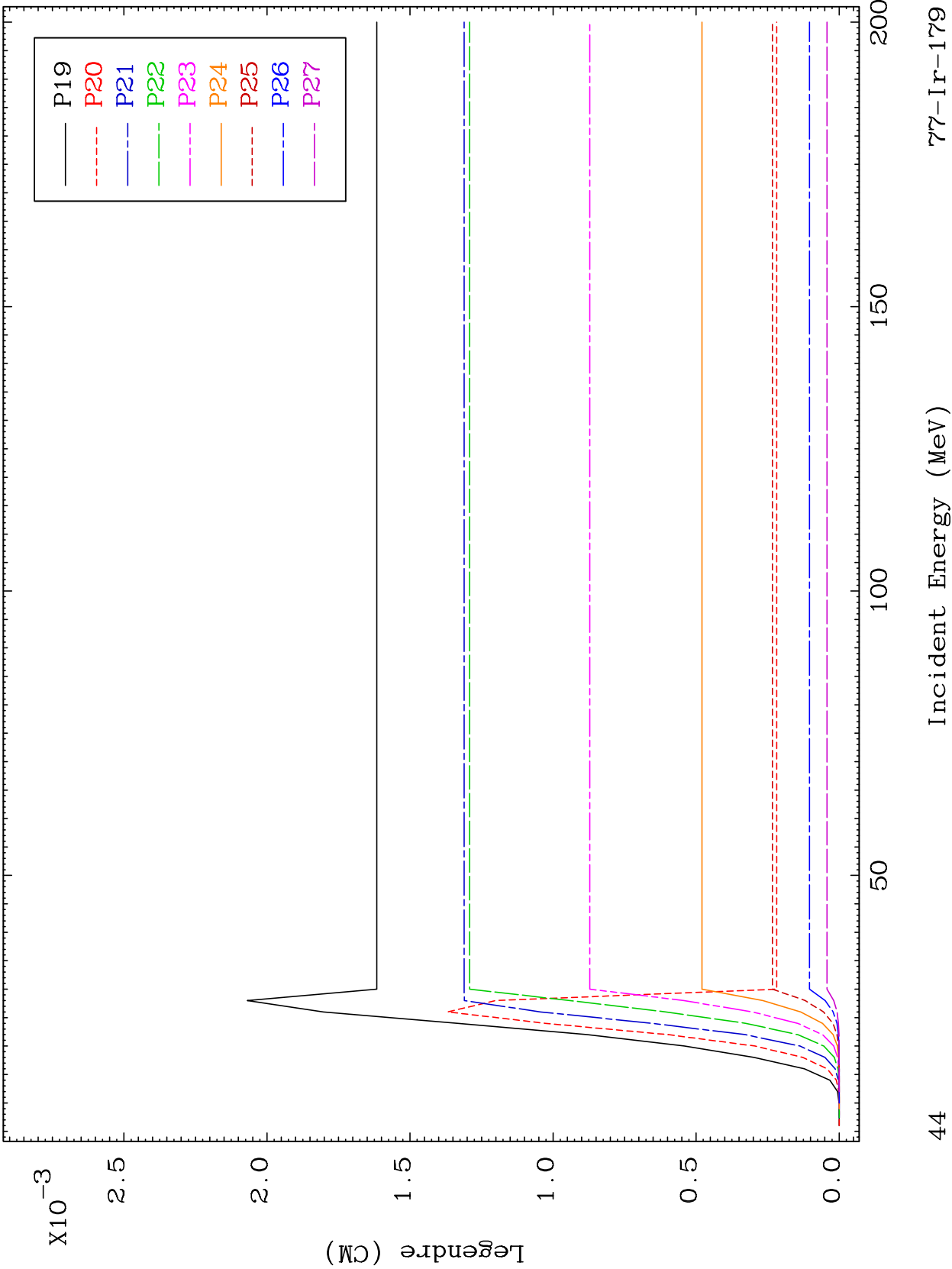
77-Ir-179



MAT 7689

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

77-Ir-179



44

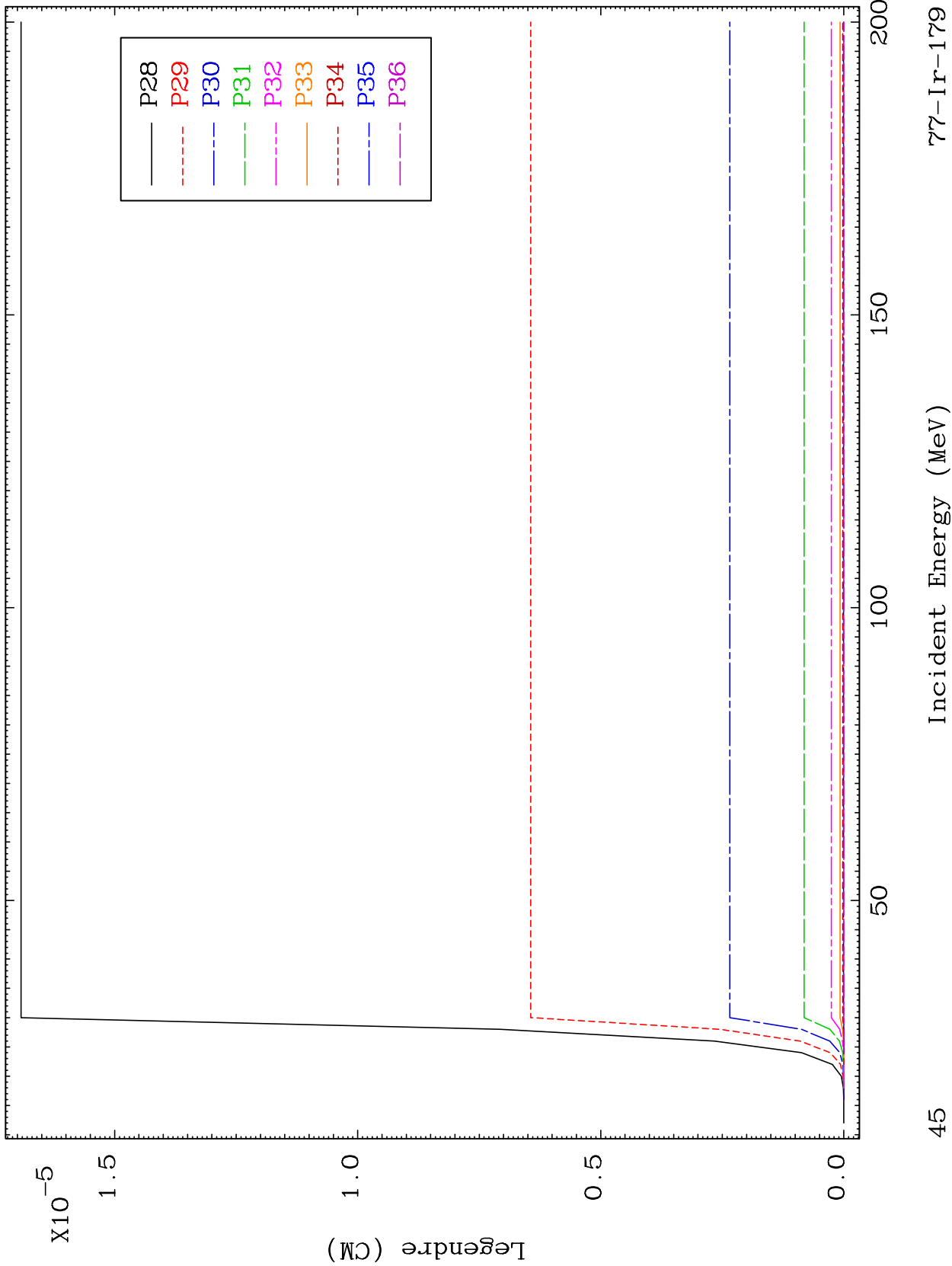
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

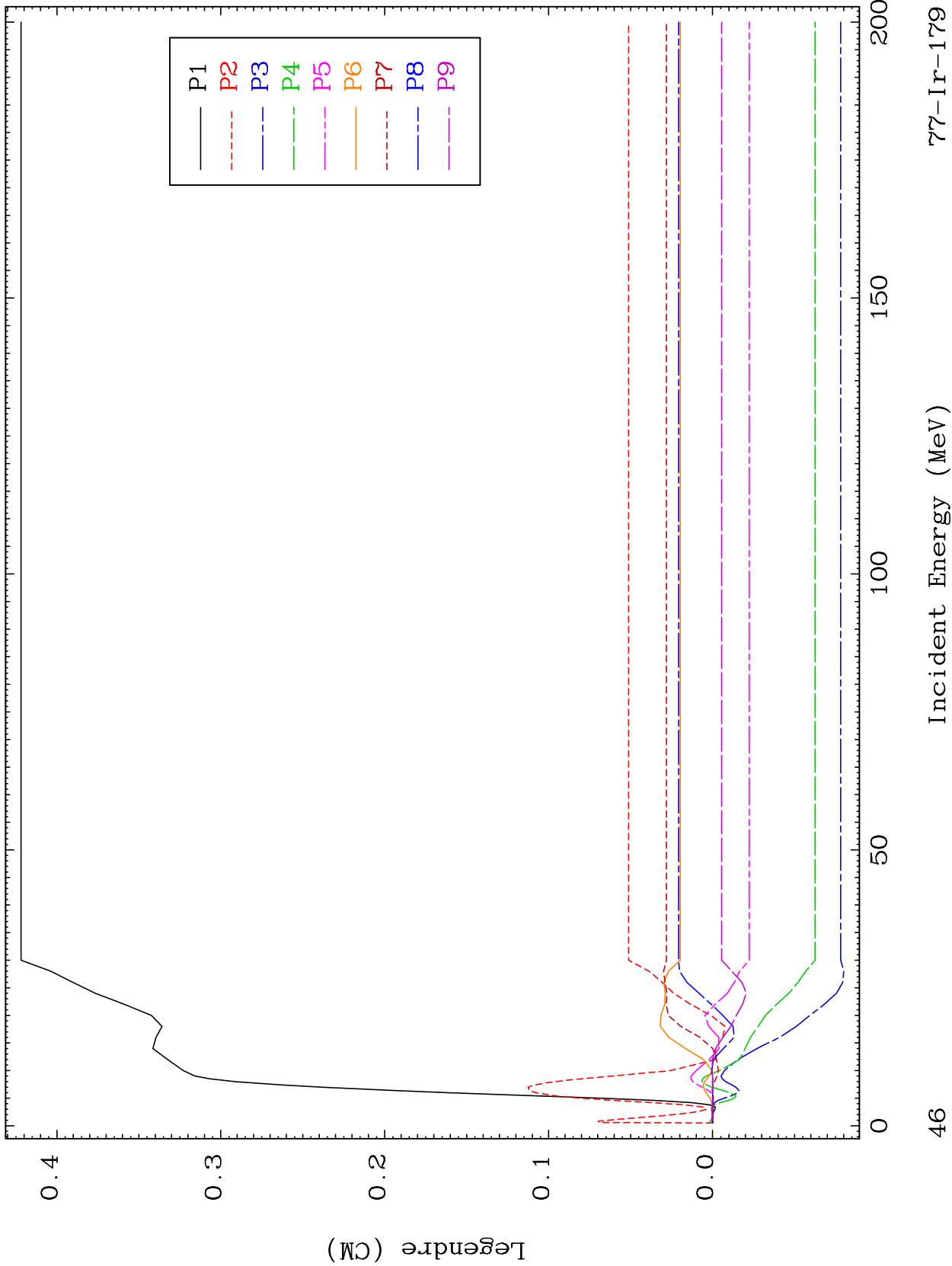
Incident Energy (MeV)

45

MAT 7689

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

77-Ir-179



77-Ir-179

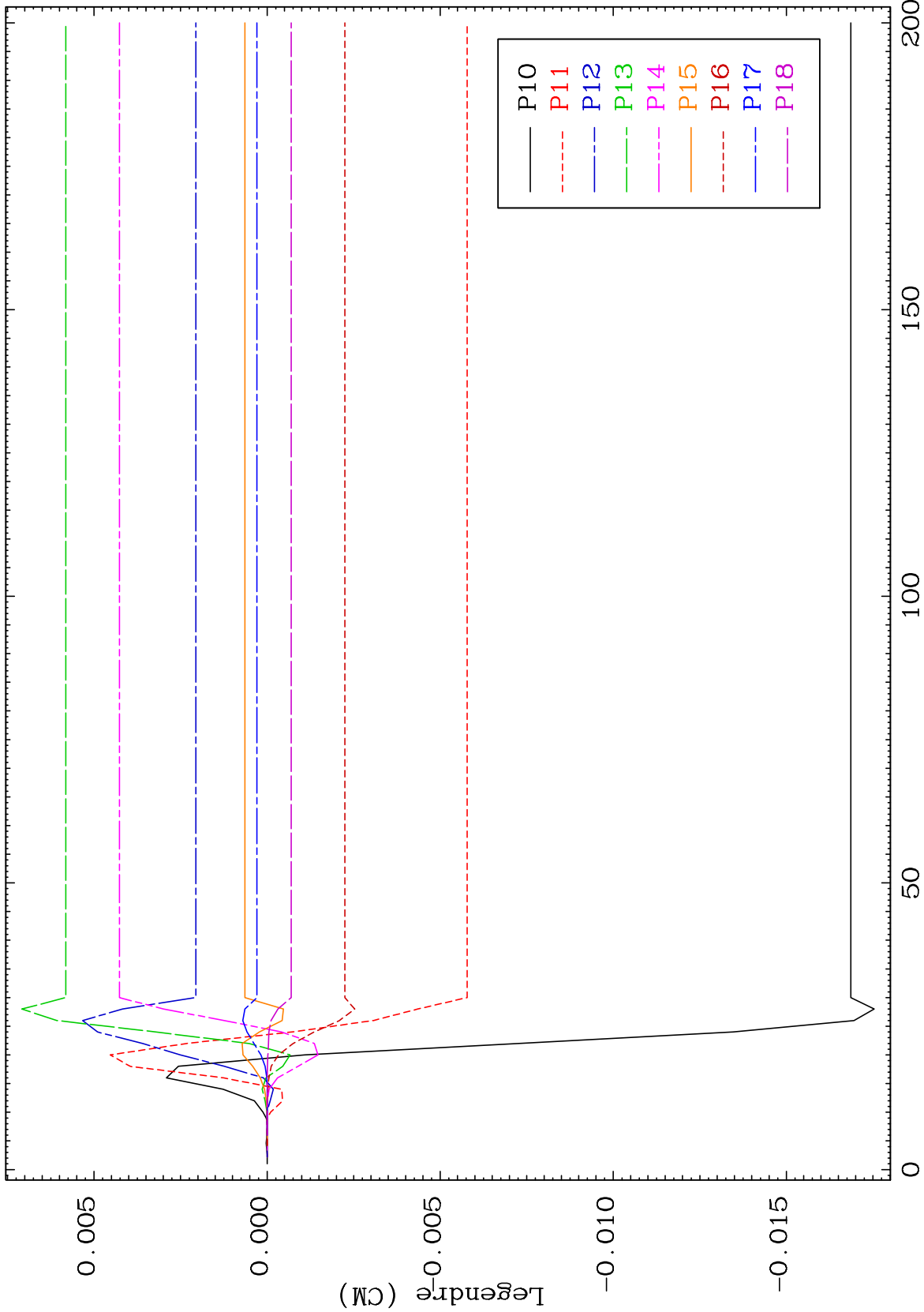
Incident Energy (MeV)

46

MAT 7689

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

77-Ir-179



47

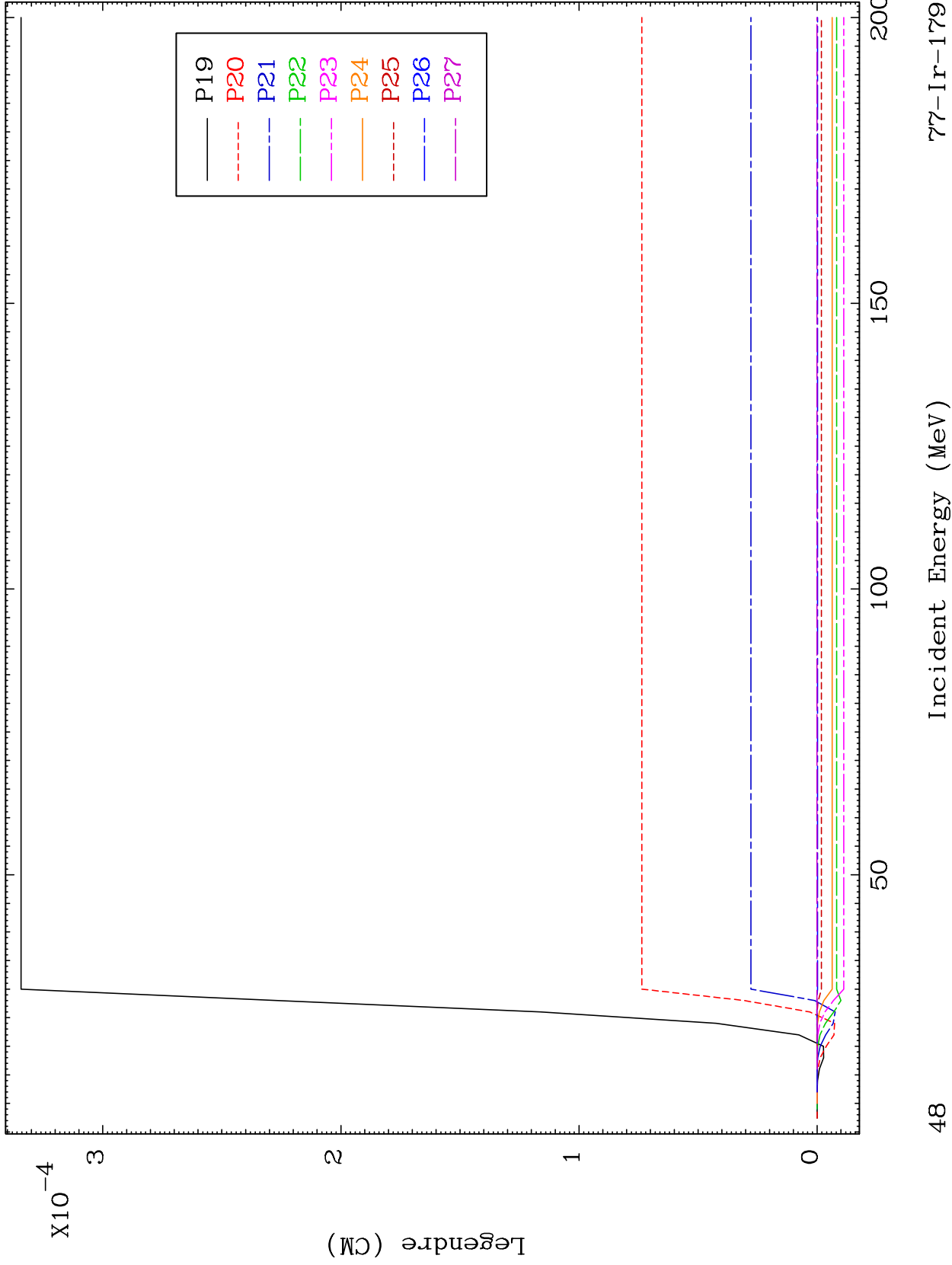
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



48

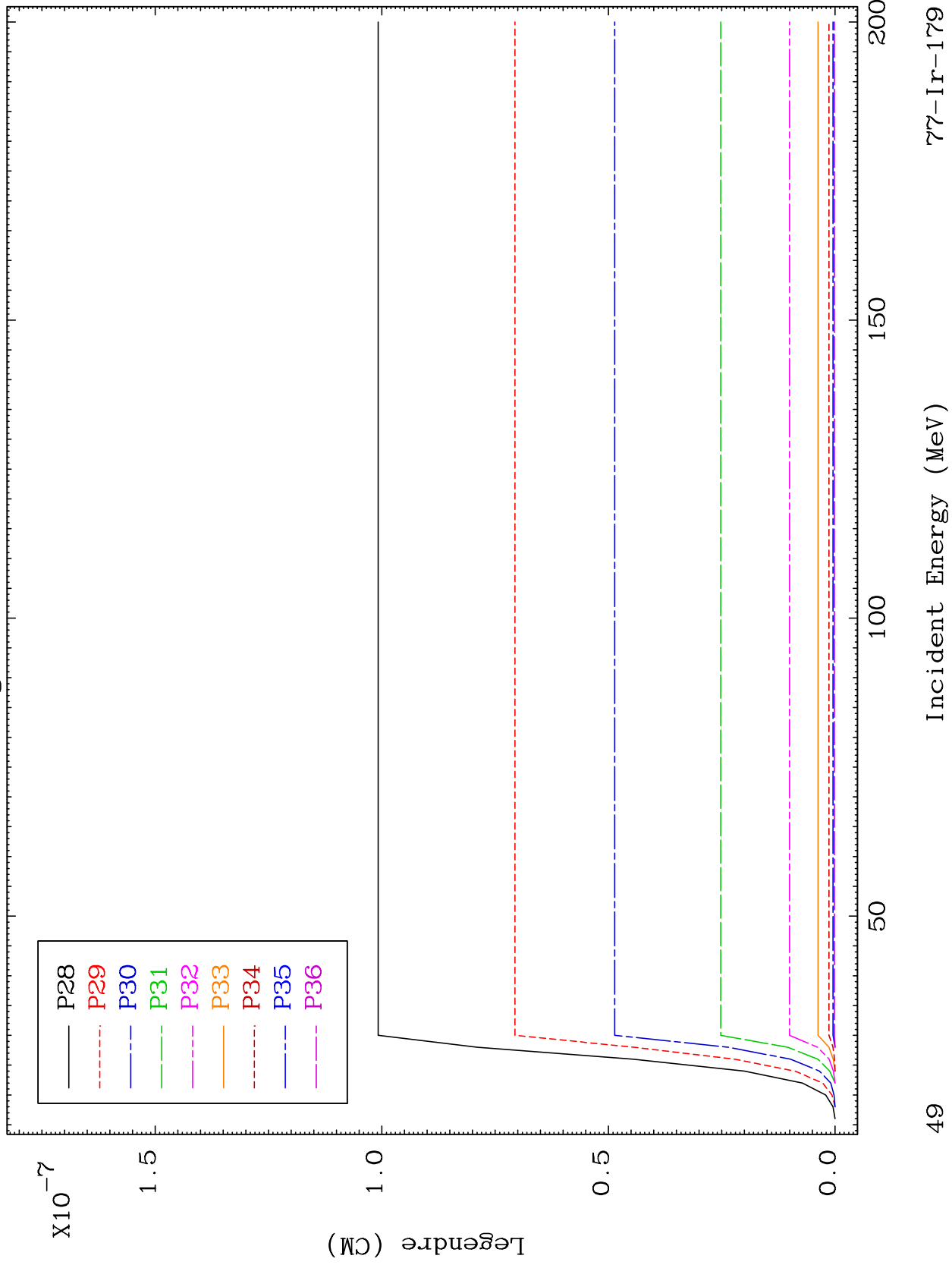
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

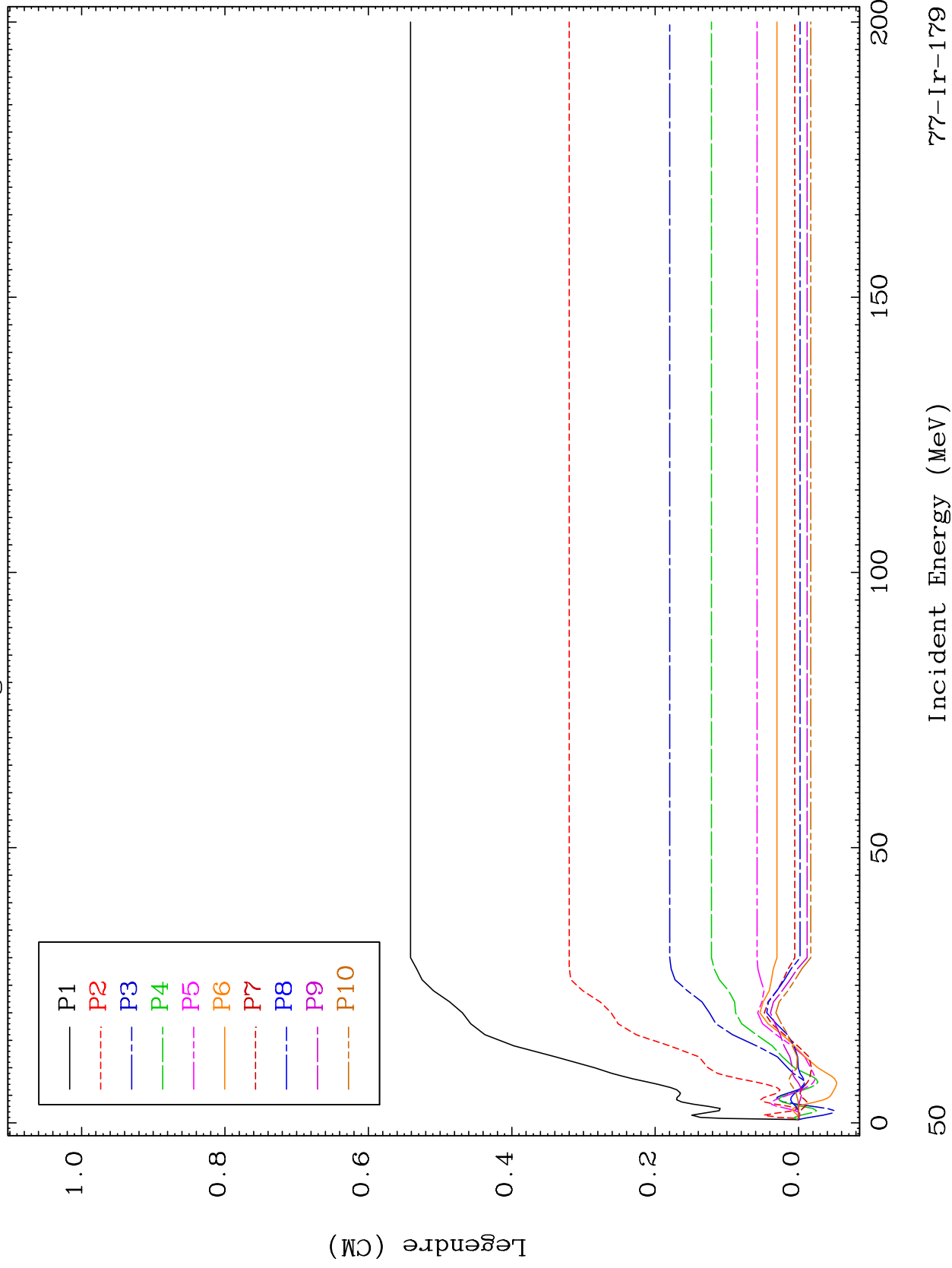
77-Ir-179



MAT 7689

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

77-Ir-179



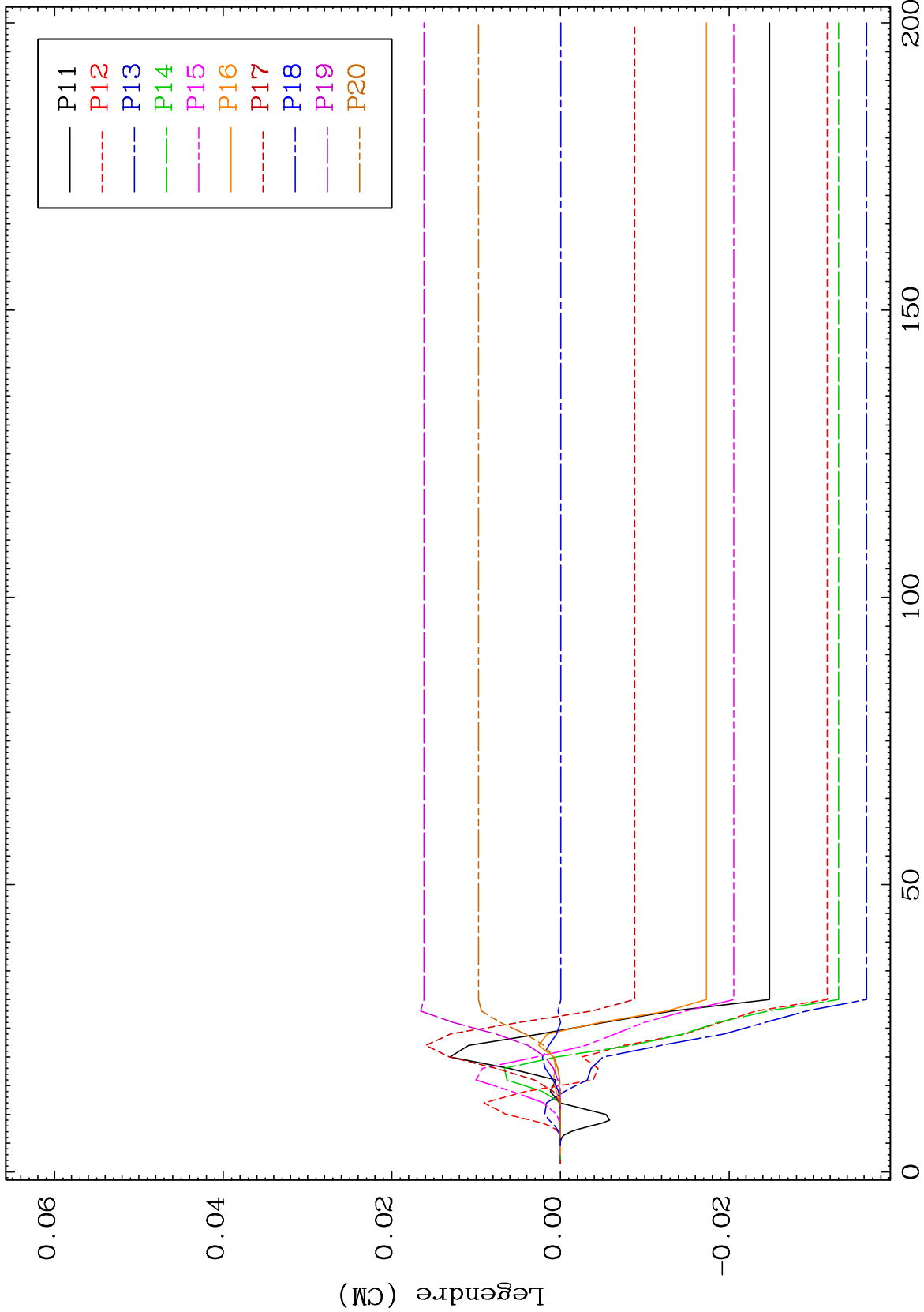
77-Ir-179

Incident Energy (MeV)

MAT 7689

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

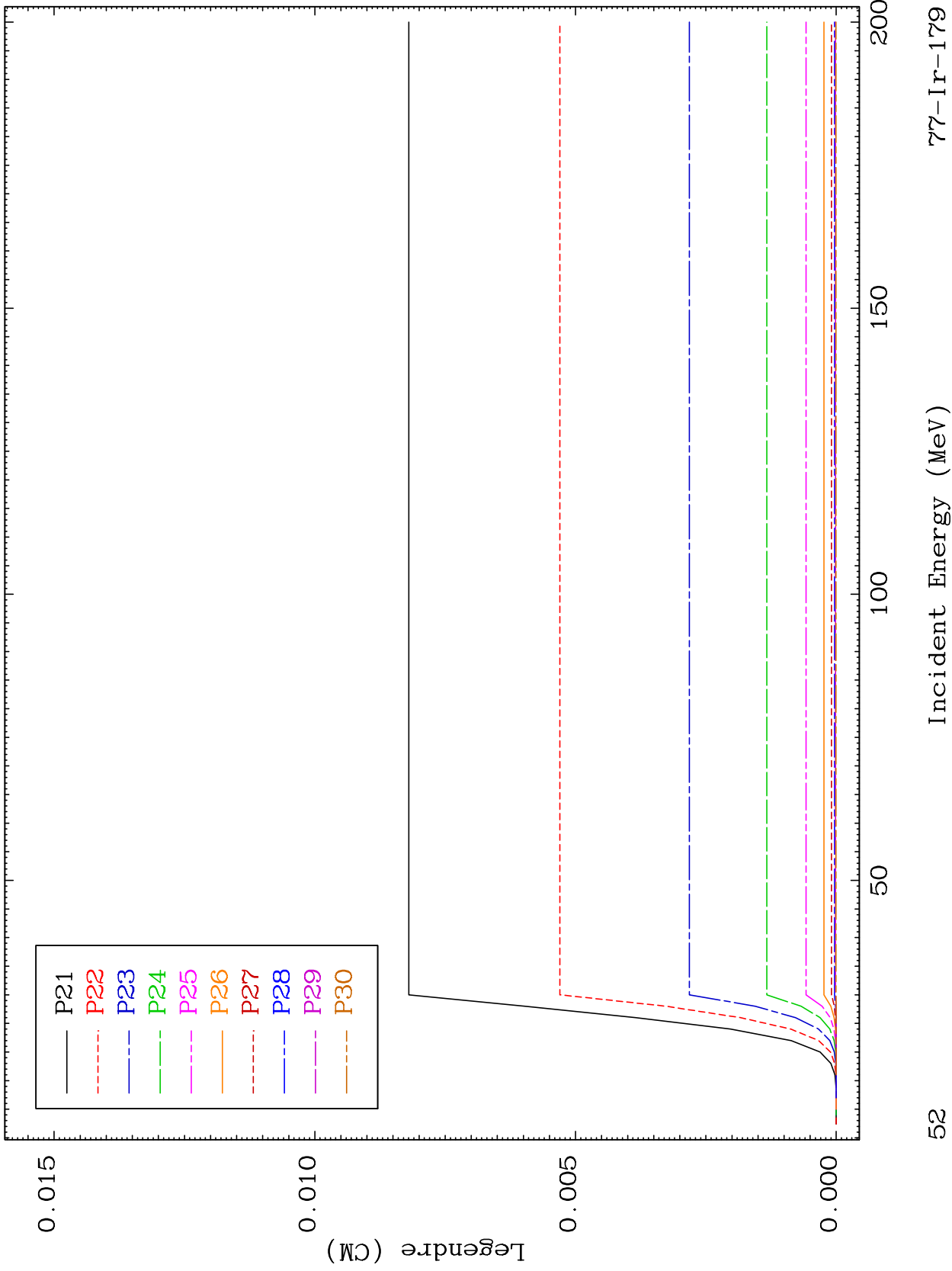
77-Ir-179



MAT 7689

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

77-Ir-179



52

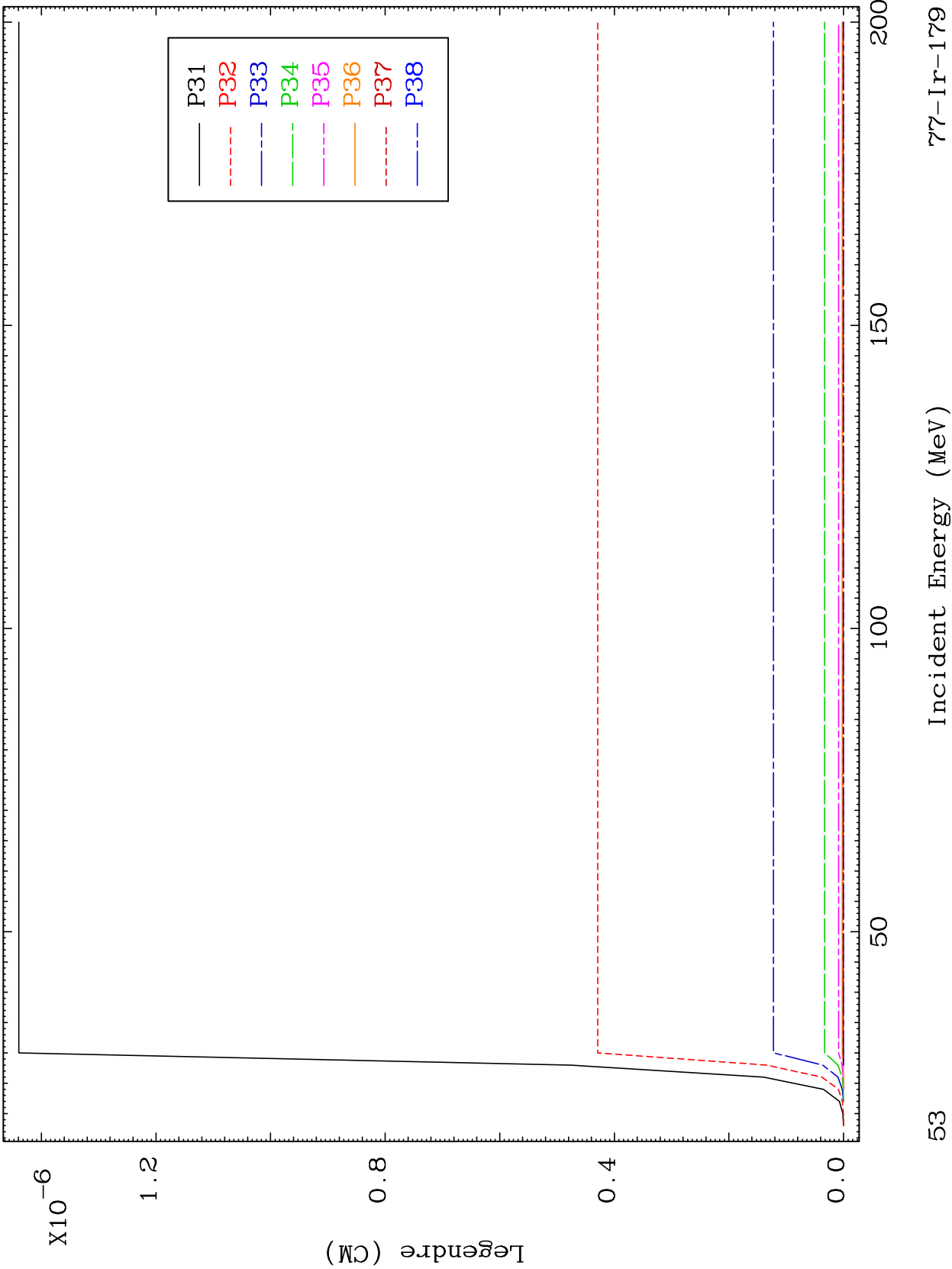
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



53

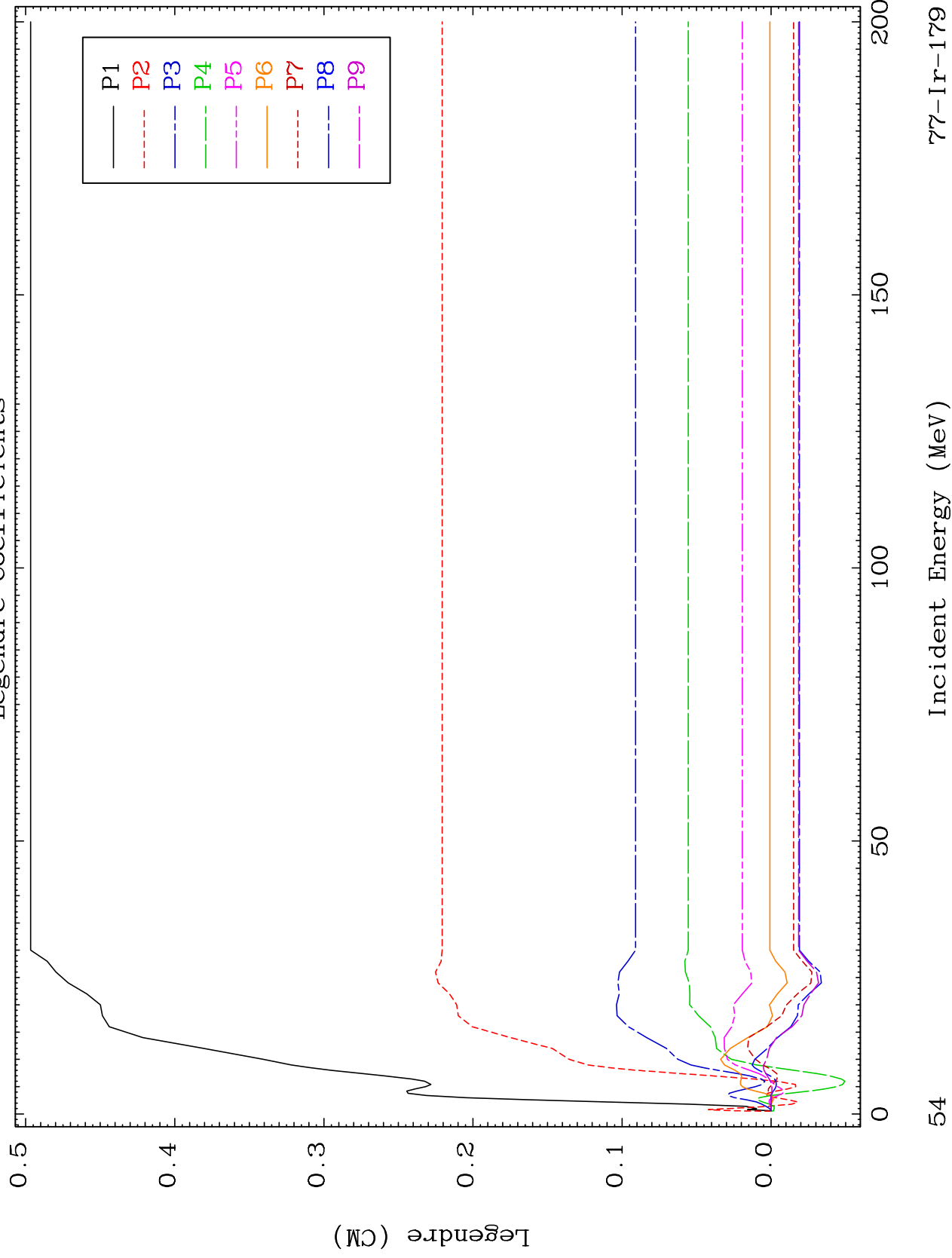
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

<sup>77</sup>Ir-179



54

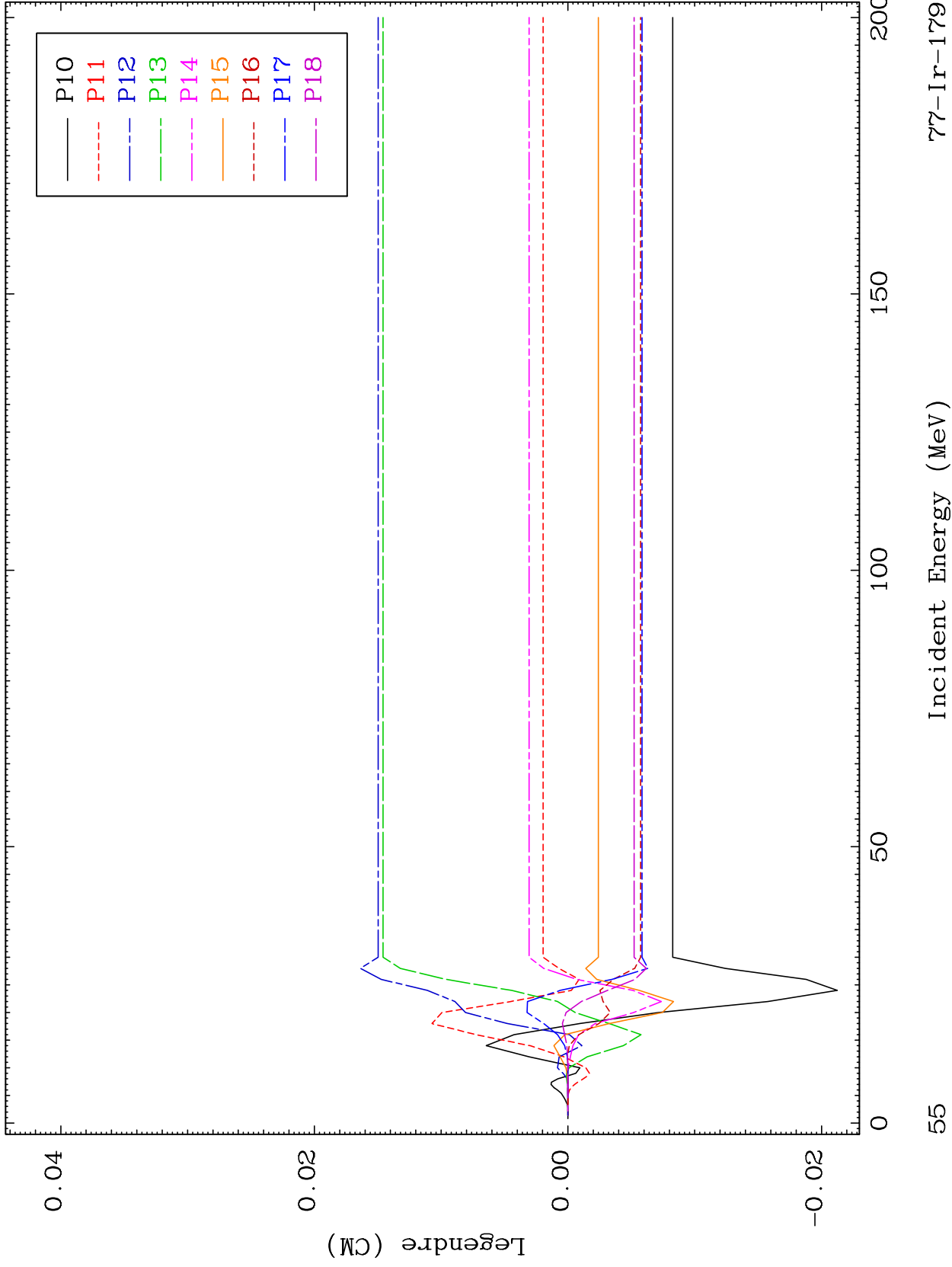
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

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

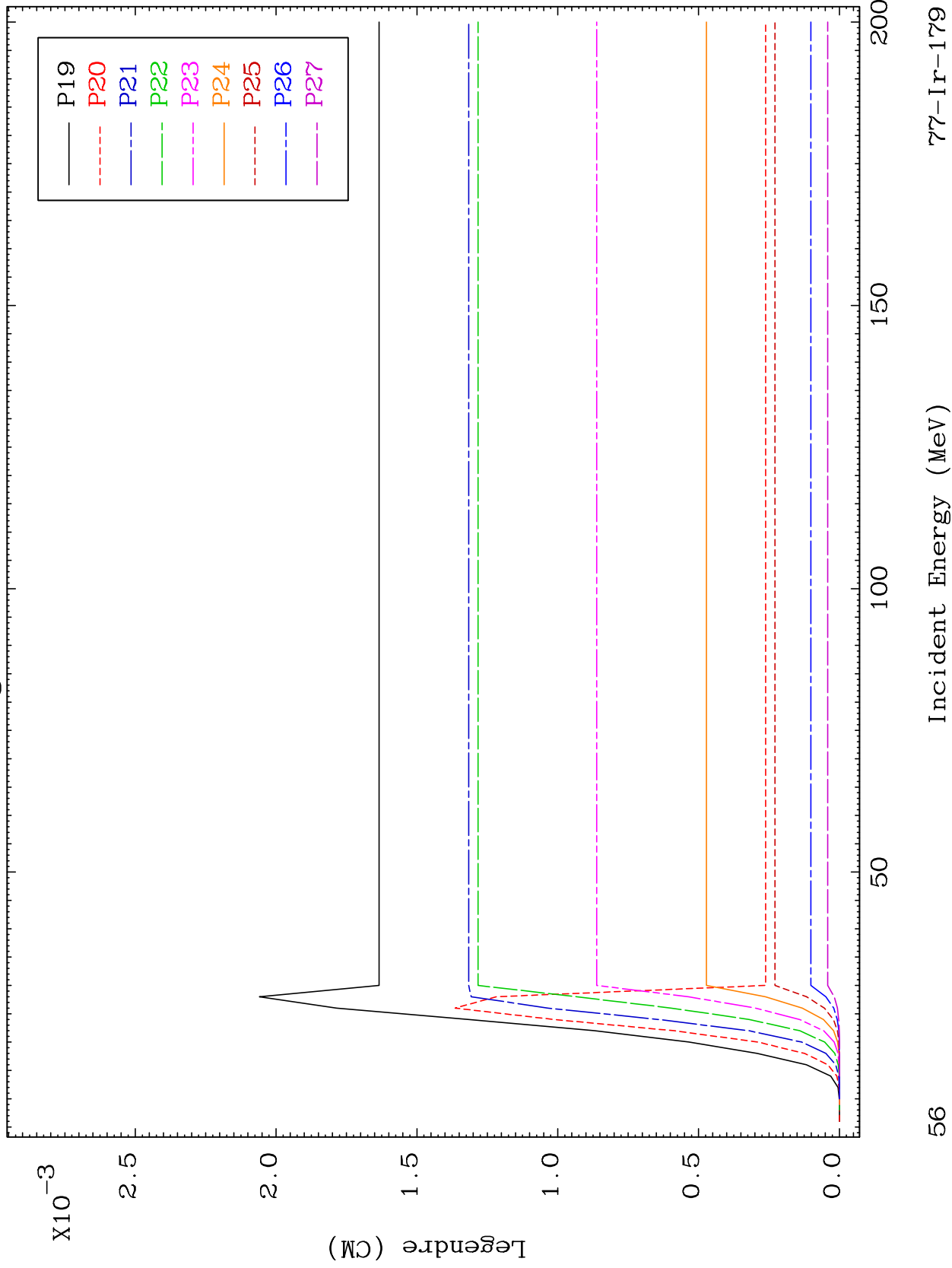
77-Ir-179



77-Ir-179

Incident Energy (MeV)

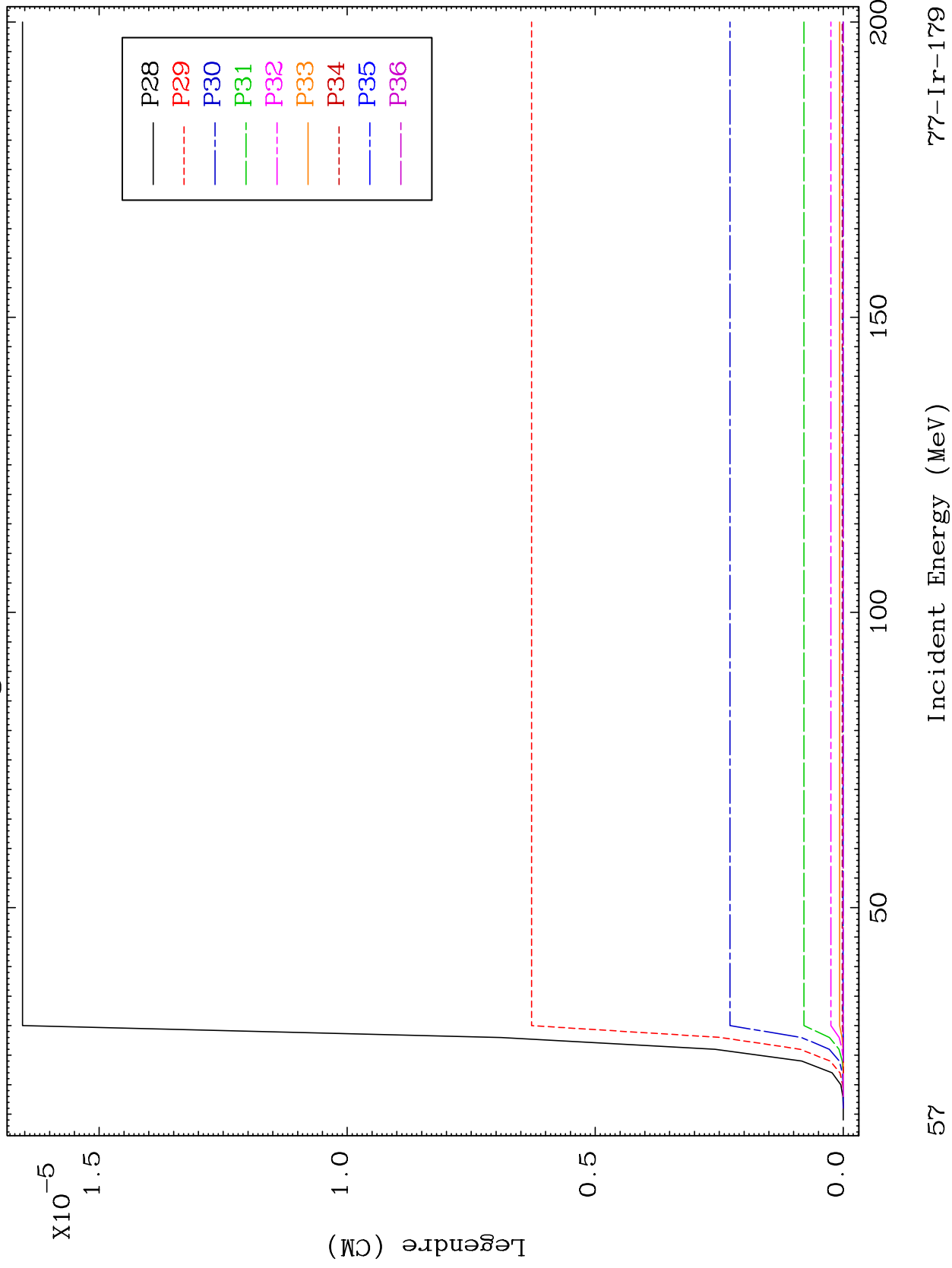
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MAT 7689

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

77-Ir-179



57

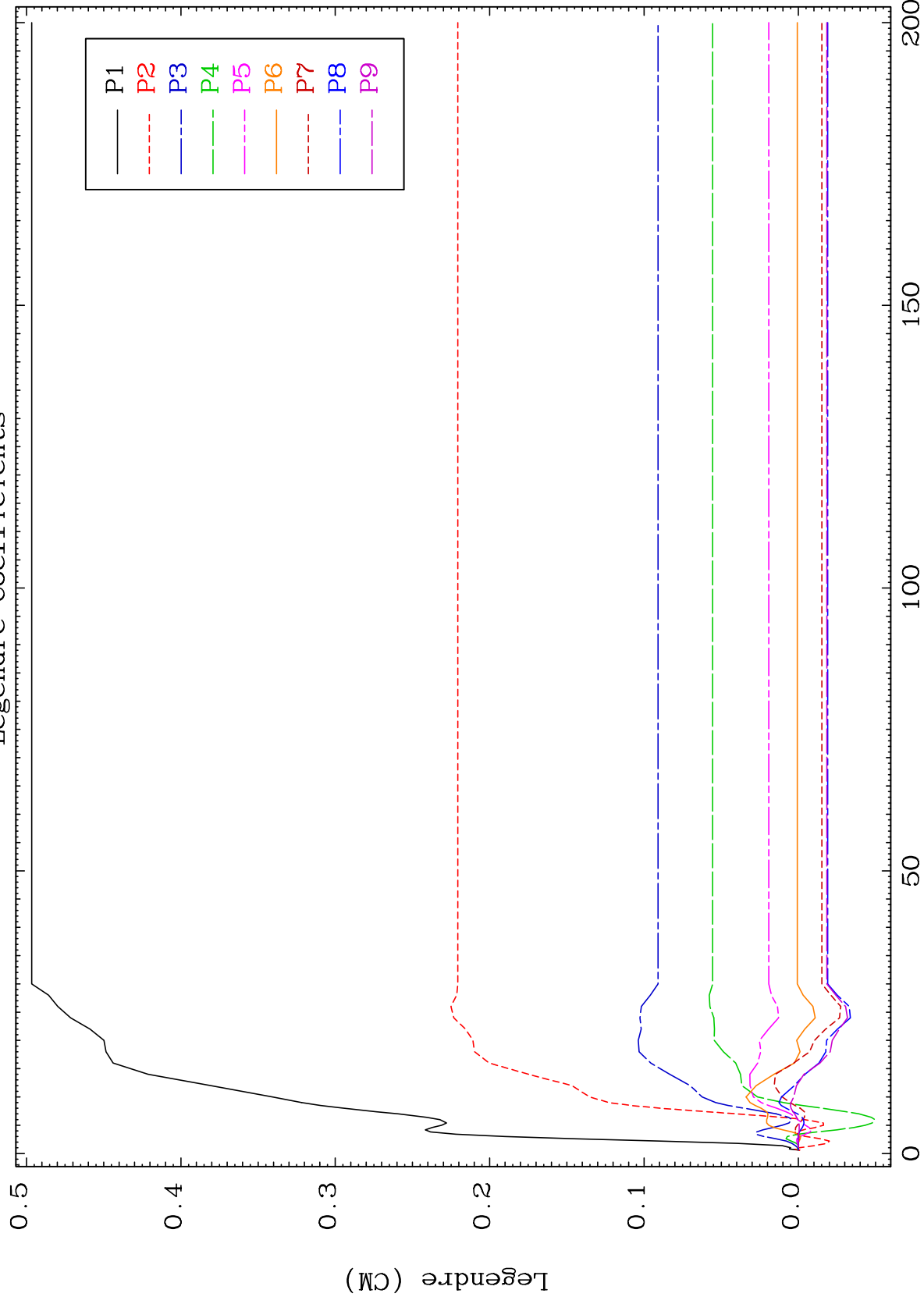
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

<sup>77</sup>Ir-179



58

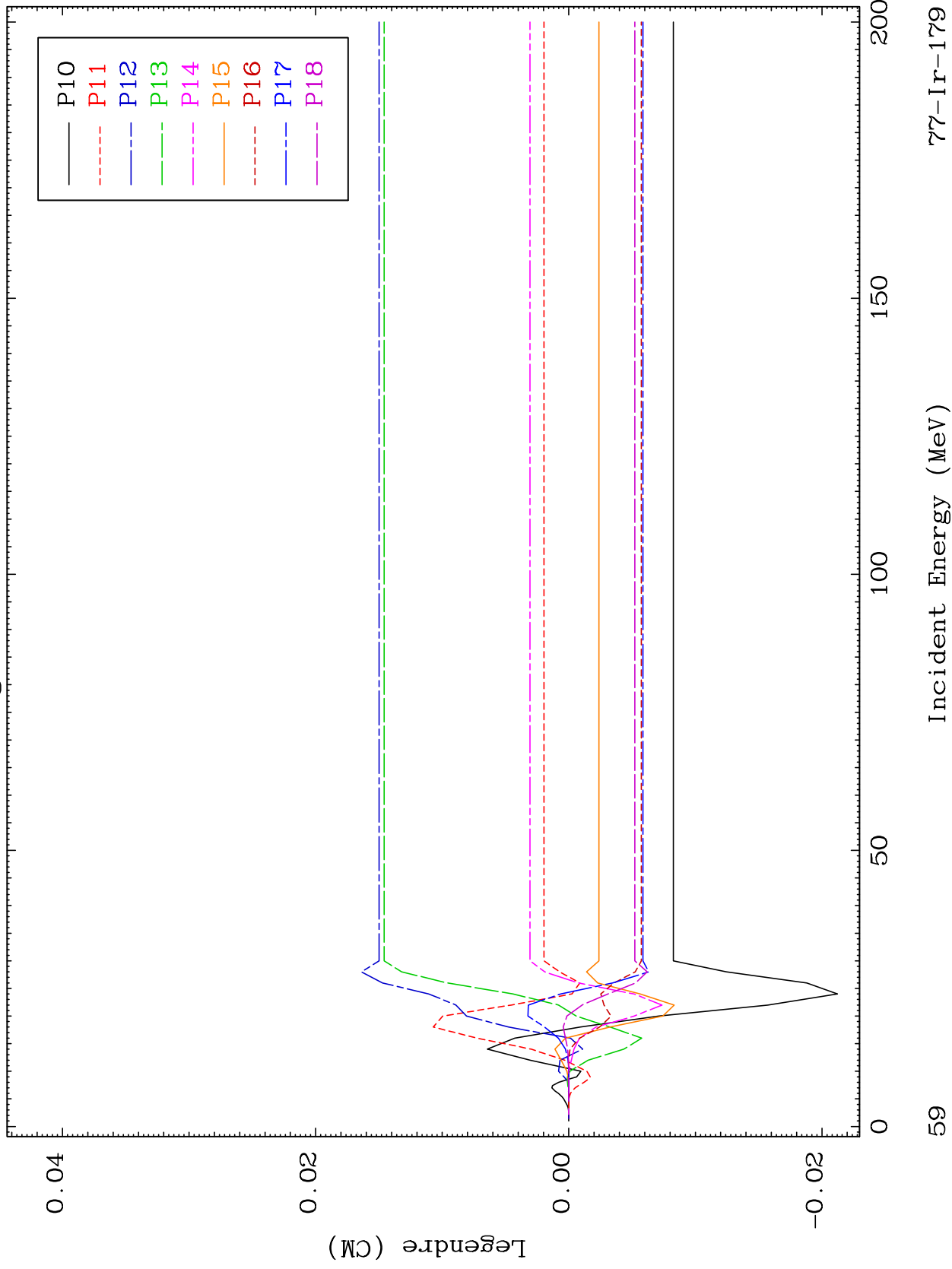
Incident Energy (MeV)

<sup>77</sup>Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

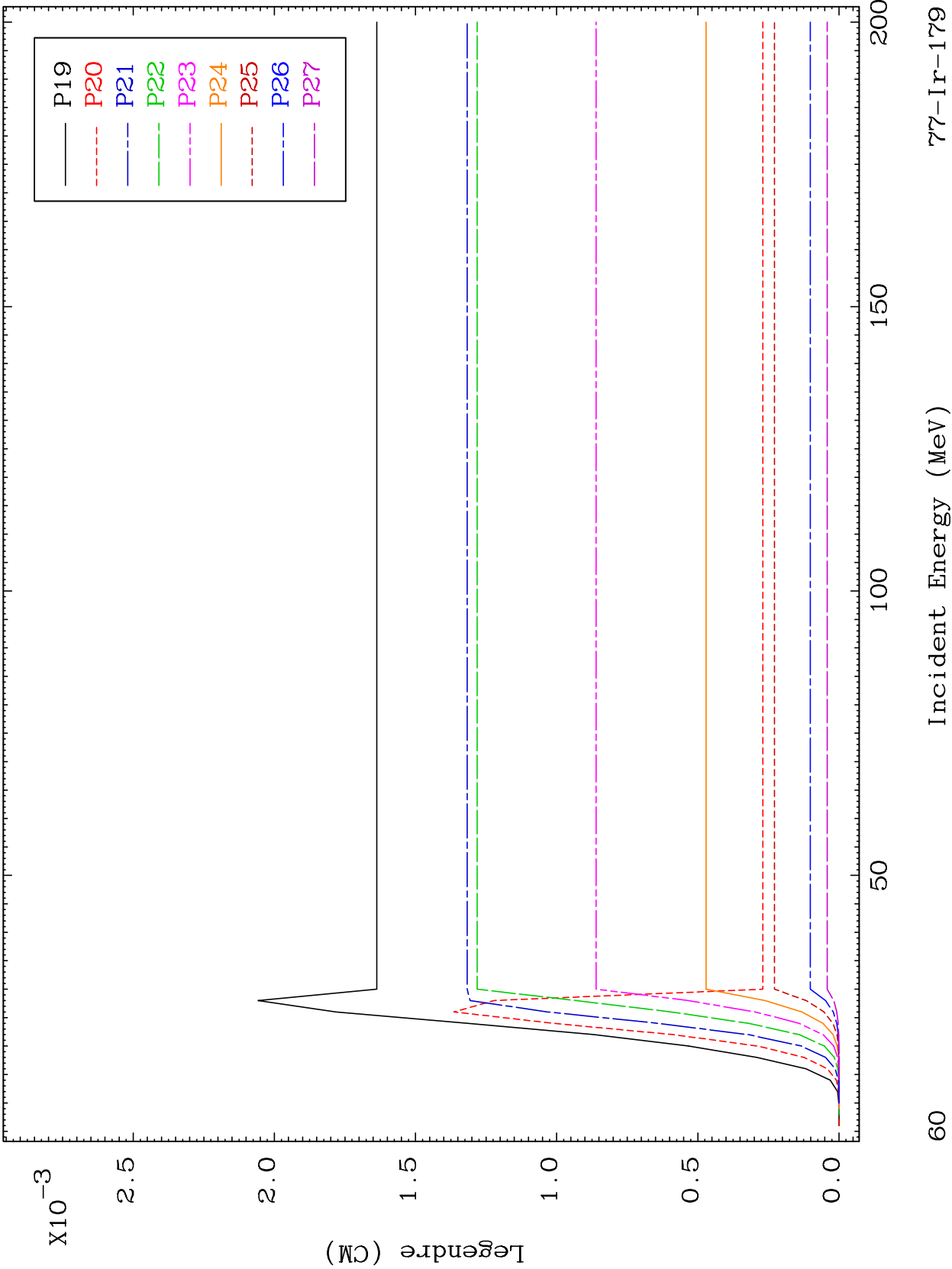
Incident Energy (MeV)

59

MAT 7689

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

77-Ir-179



77-Ir-179

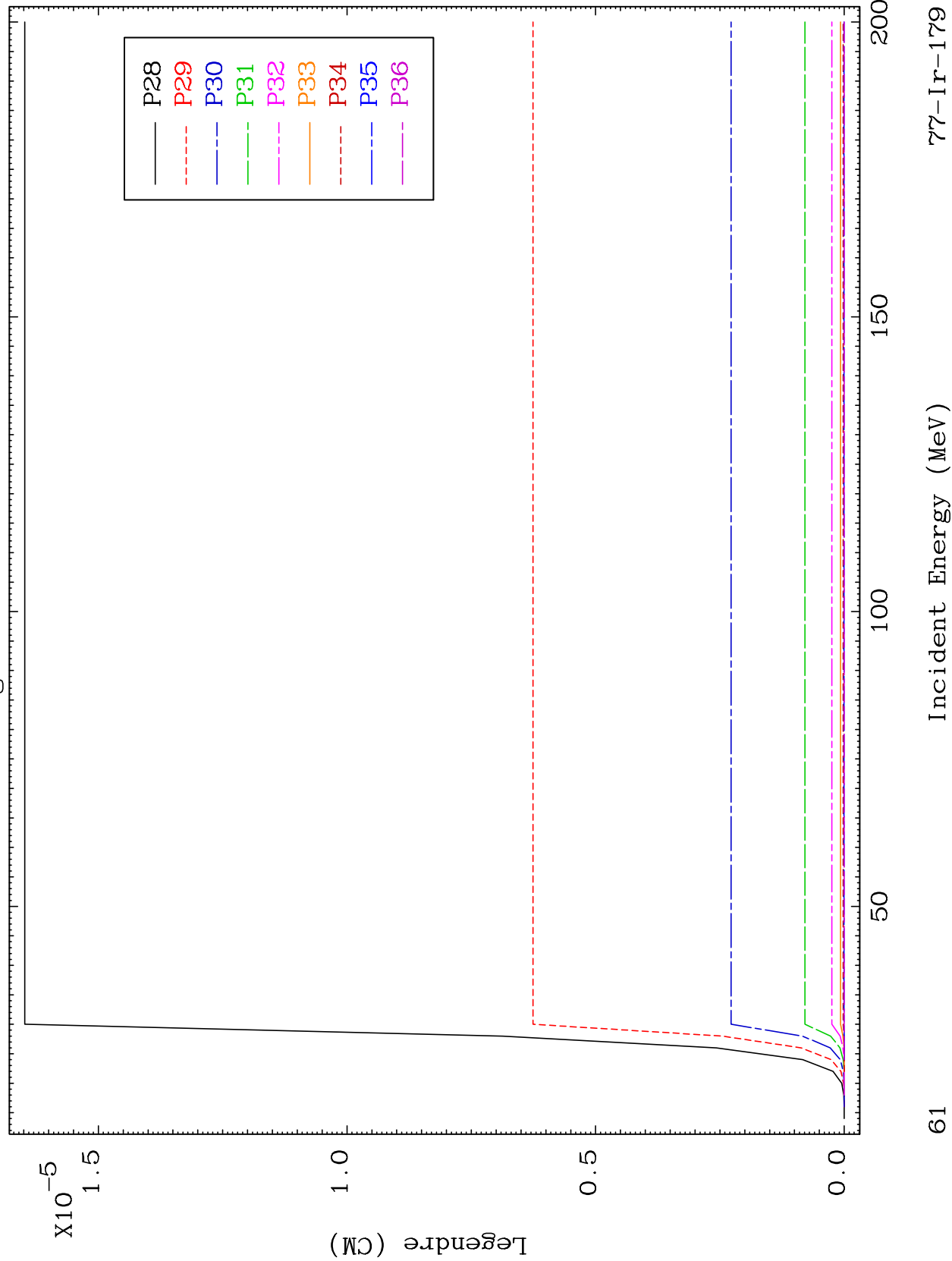
Incident Energy (MeV)

60

MAT 7689

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

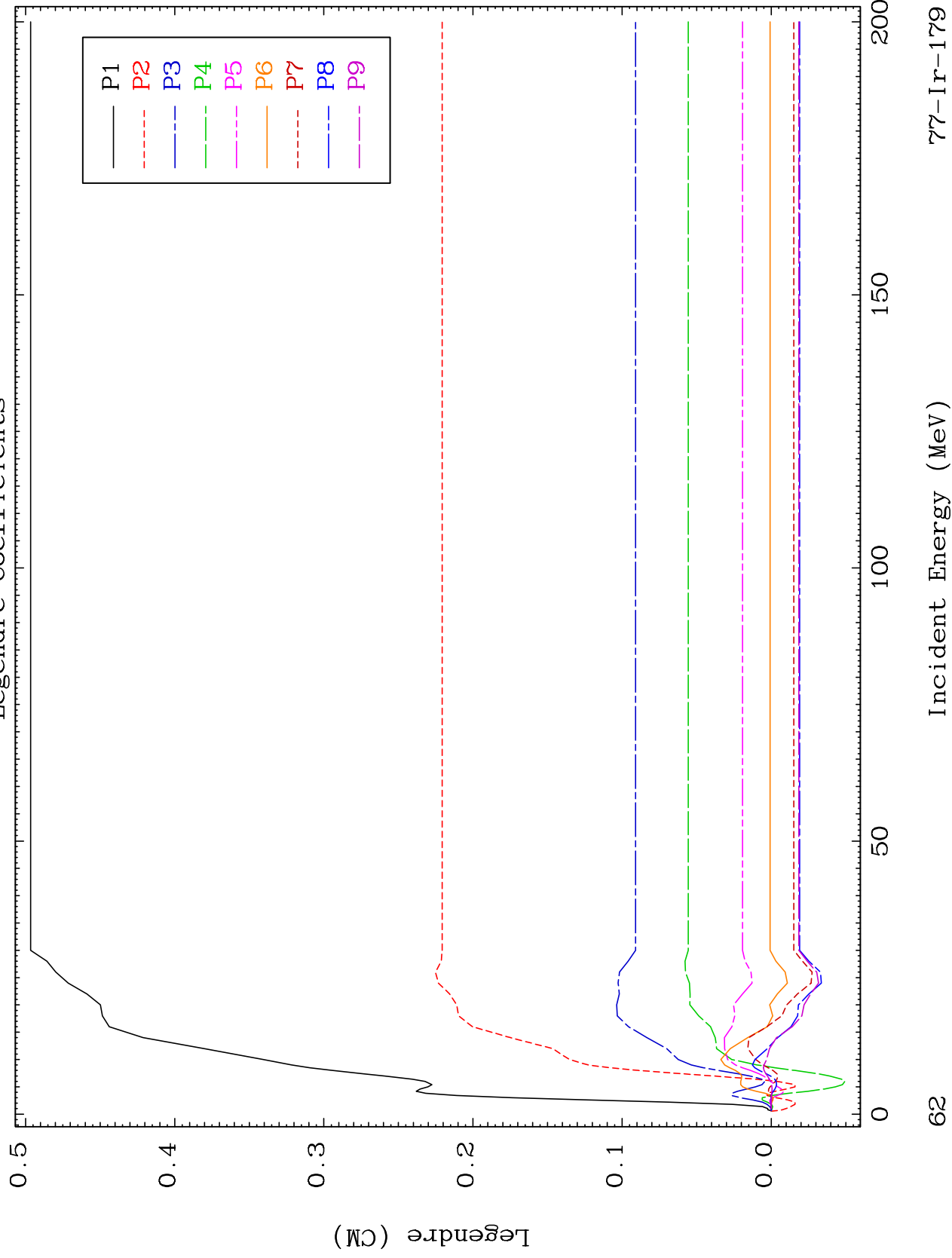
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

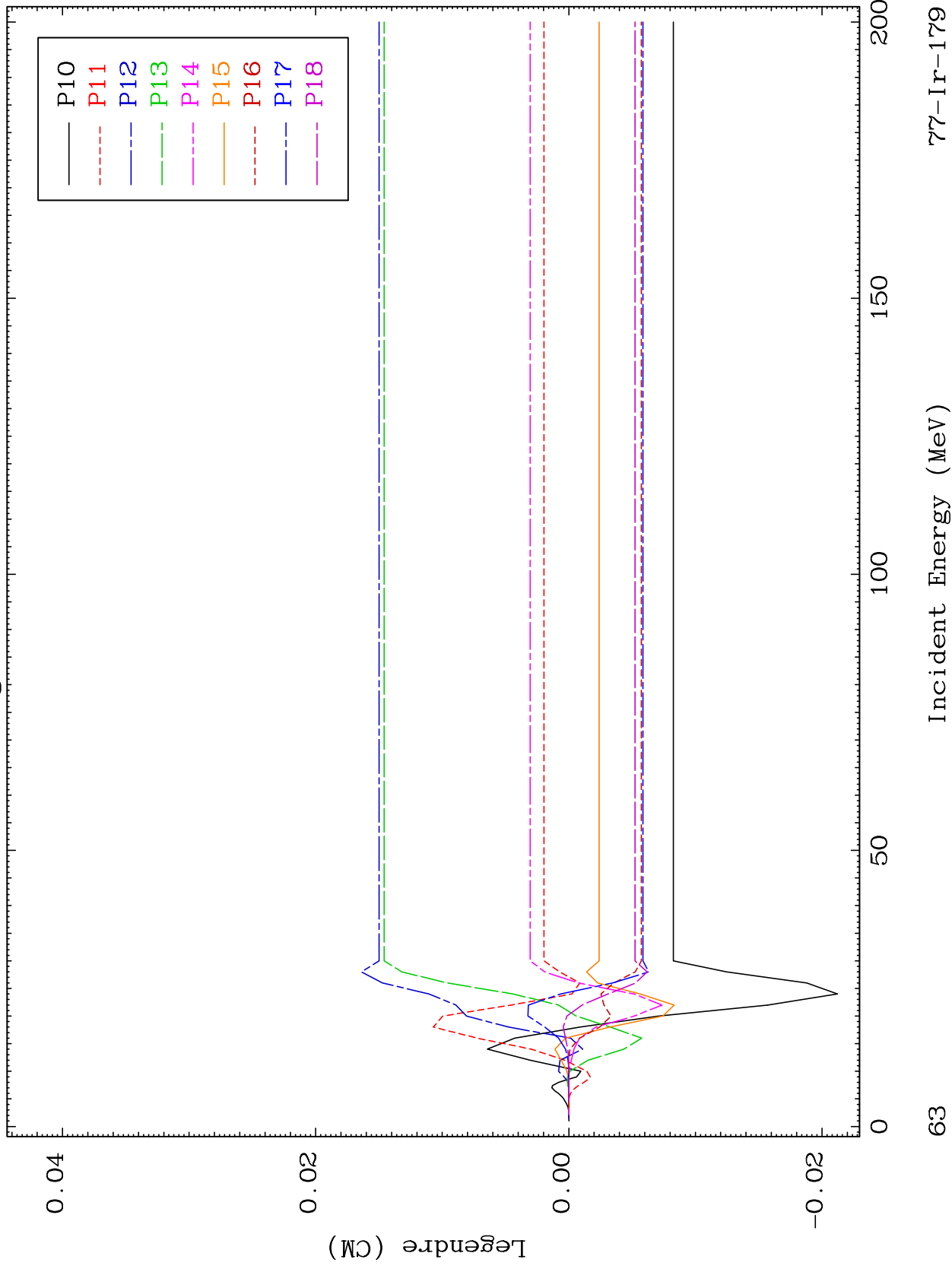
Incident Energy (MeV)

62

MAT 7689

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

77-Ir-179



77-Ir-179

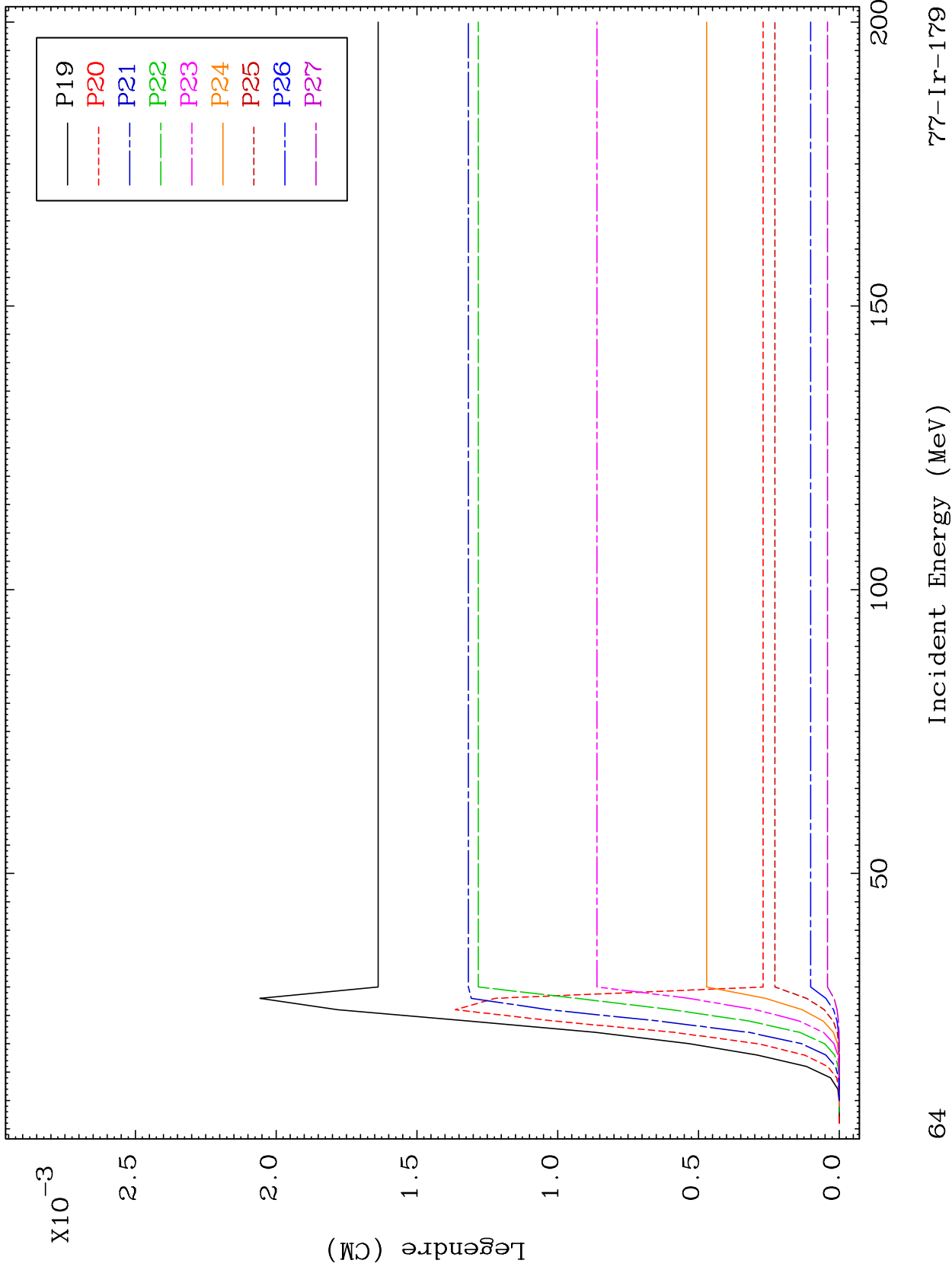
Incident Energy (MeV)

63

MAT 7689

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

77-Ir-179



64

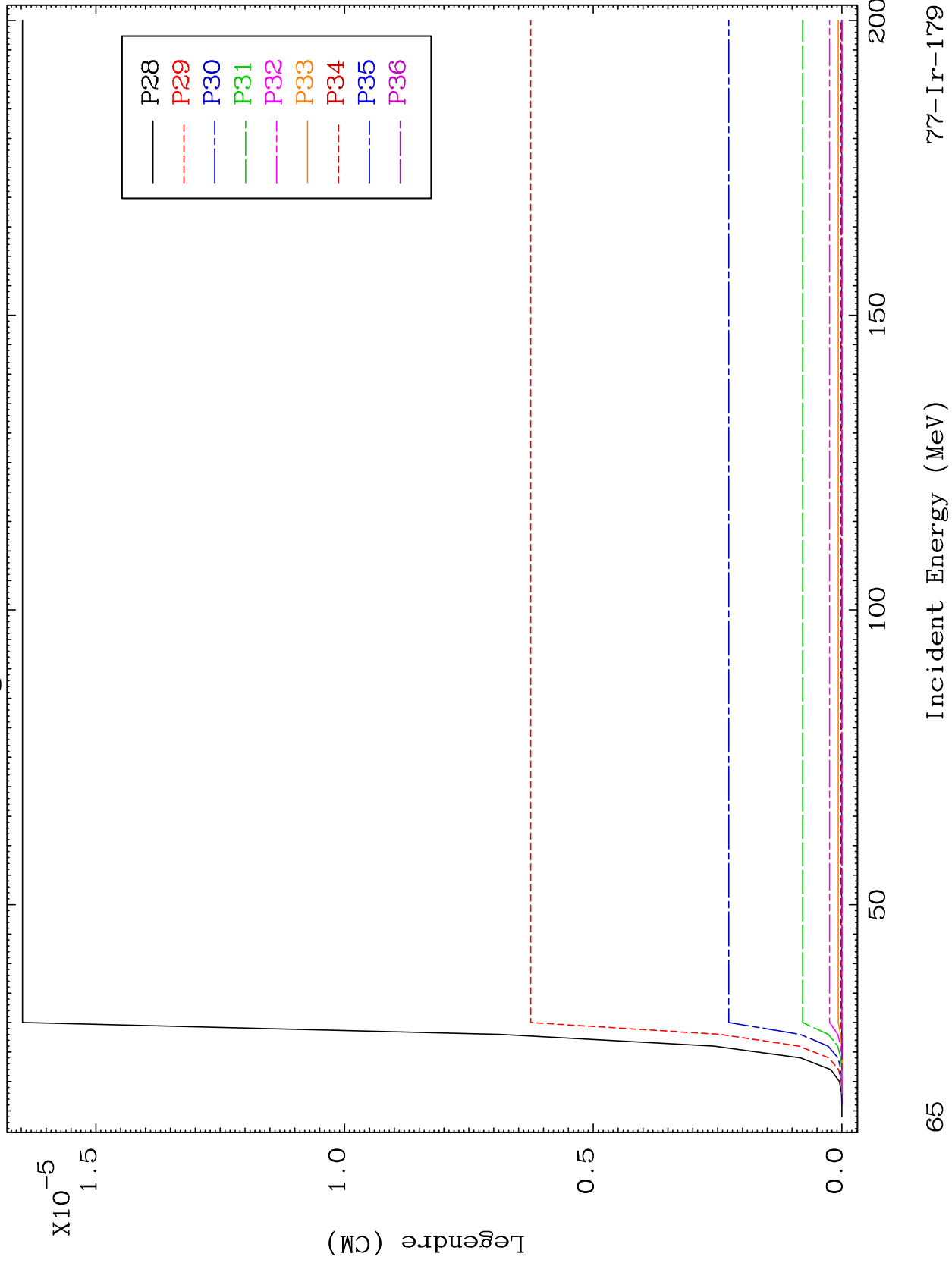
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

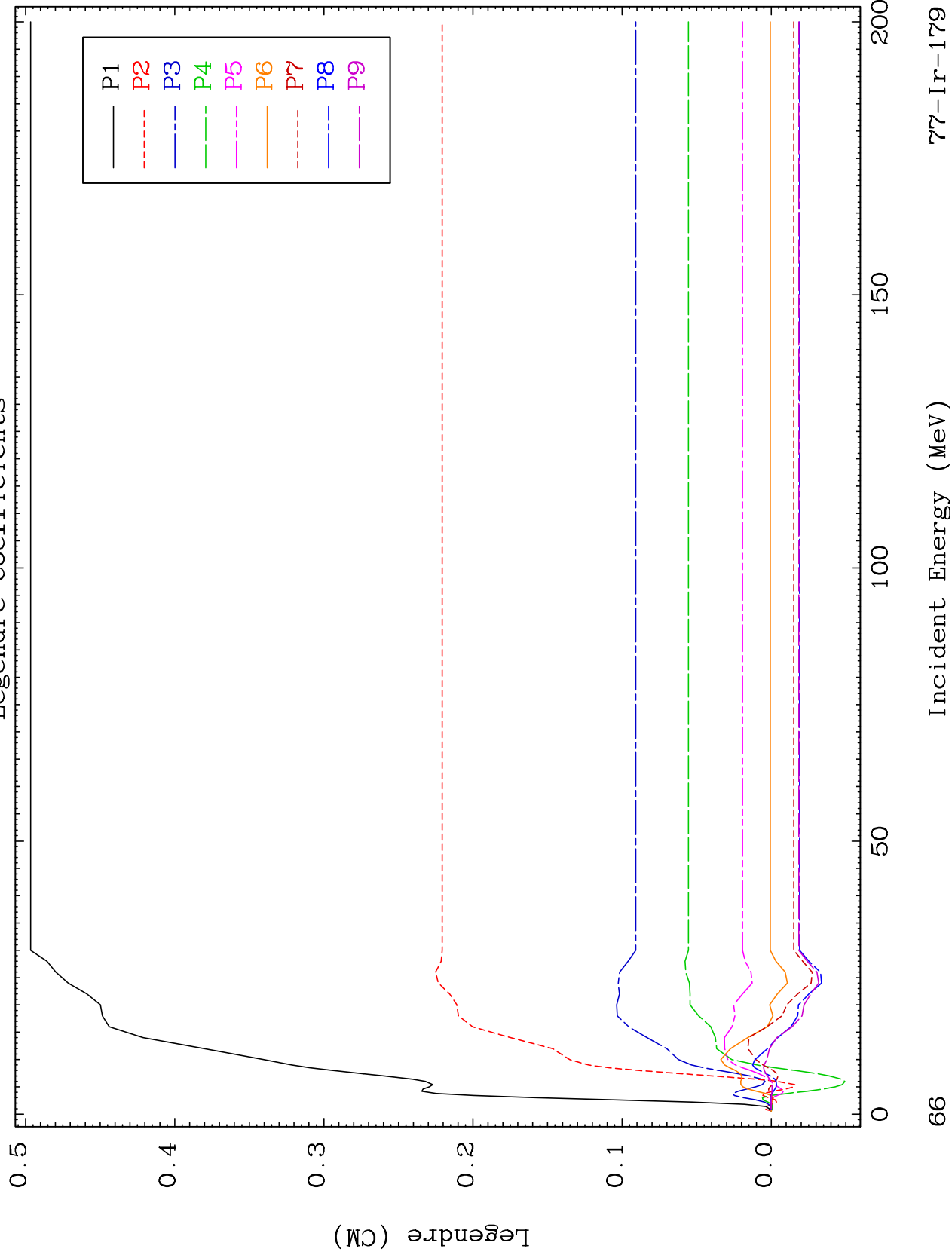
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

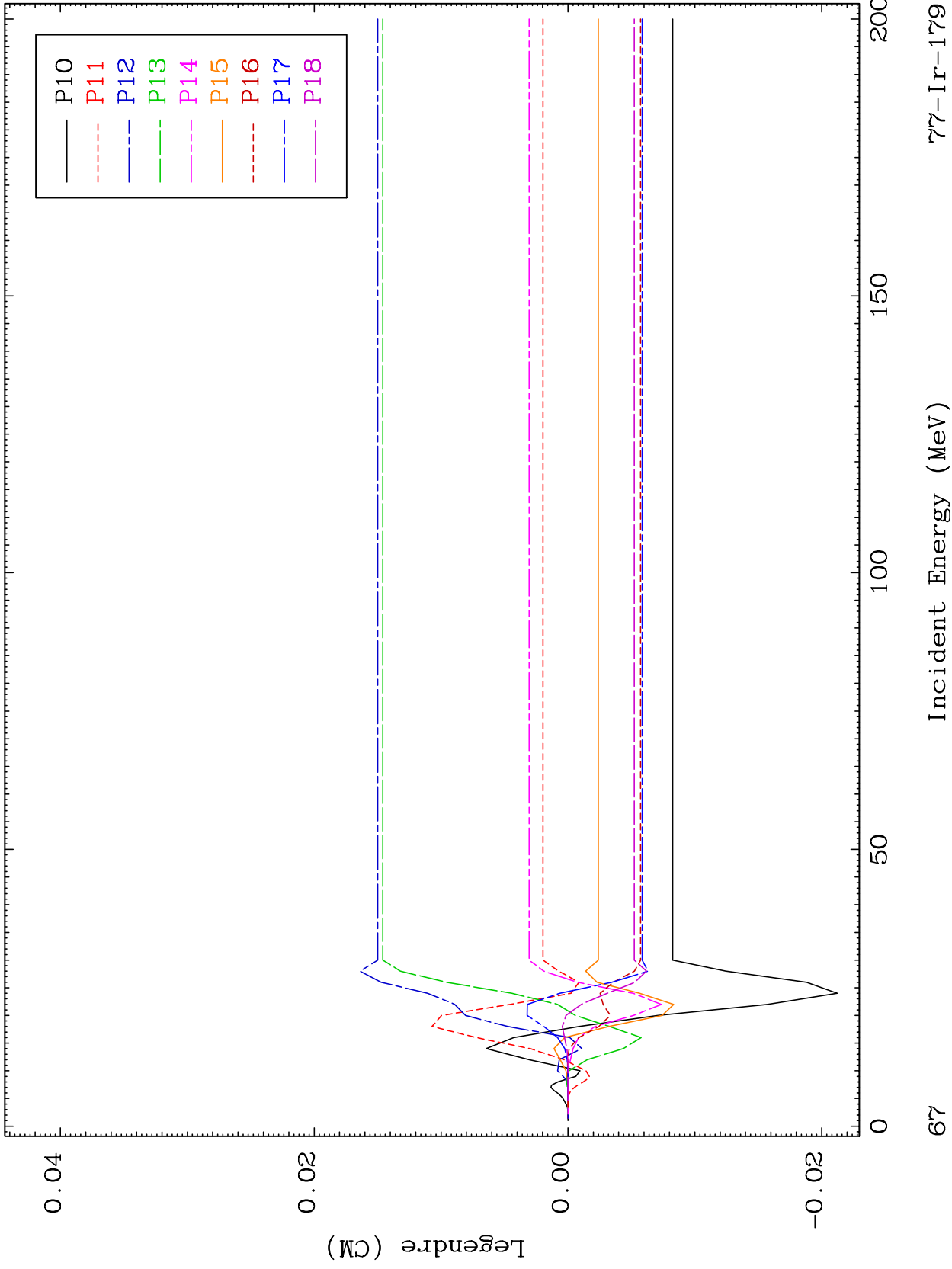
Incident Energy (MeV)

66

MAT 7689

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

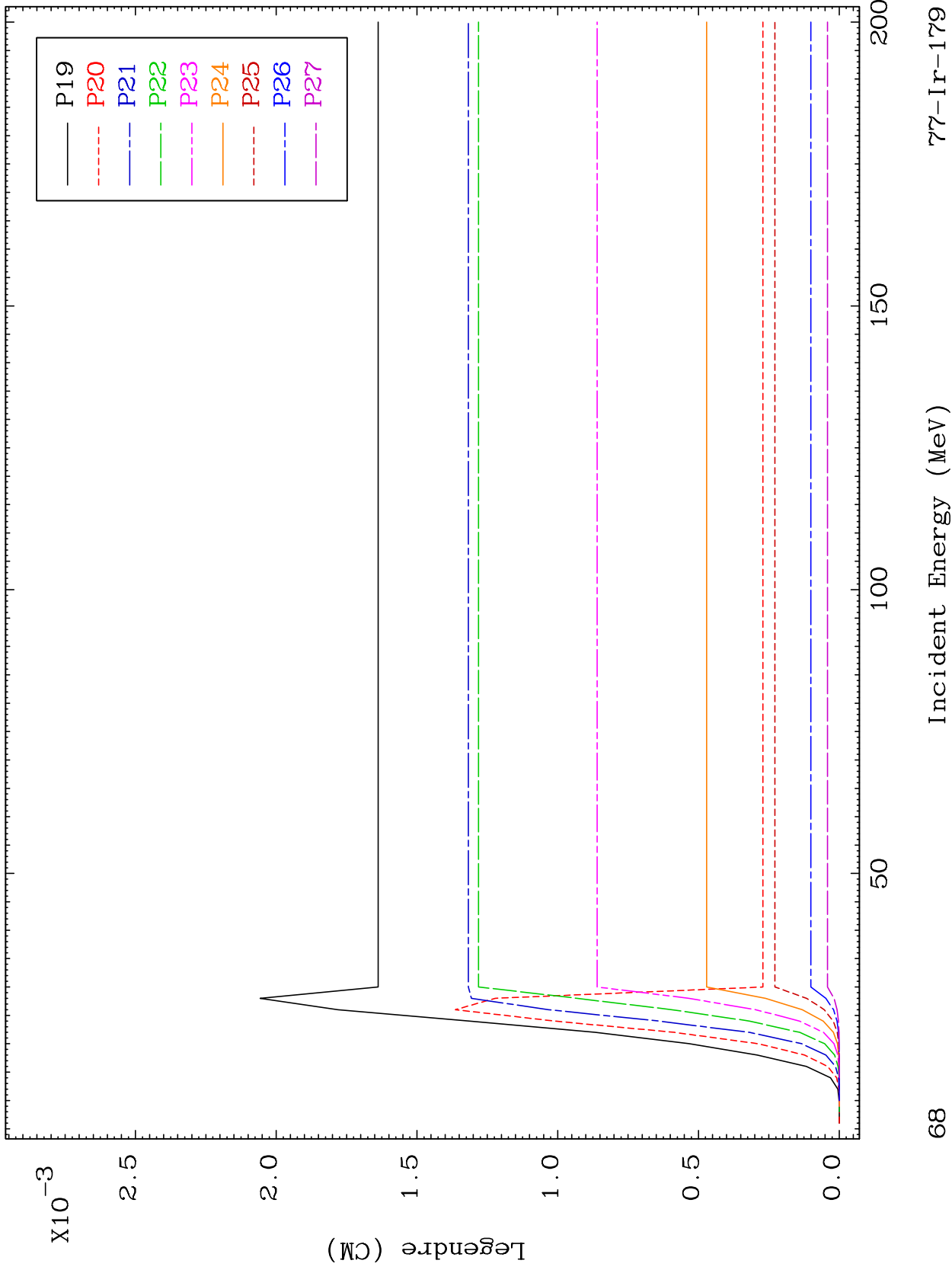
77-Ir-179



67

Incident Energy (MeV)

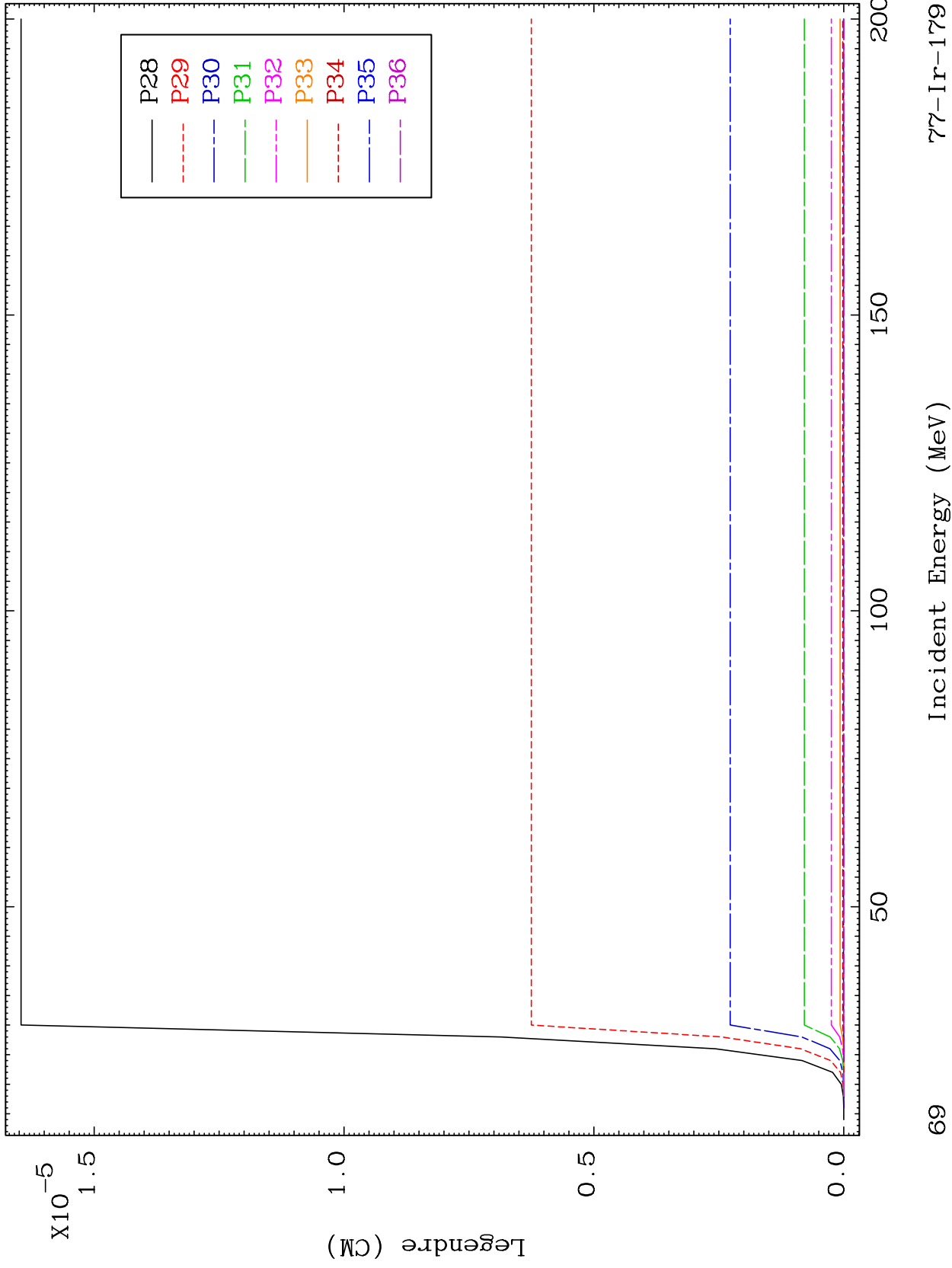
77-Ir-179



MAT 7689

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

77-Ir-179



69

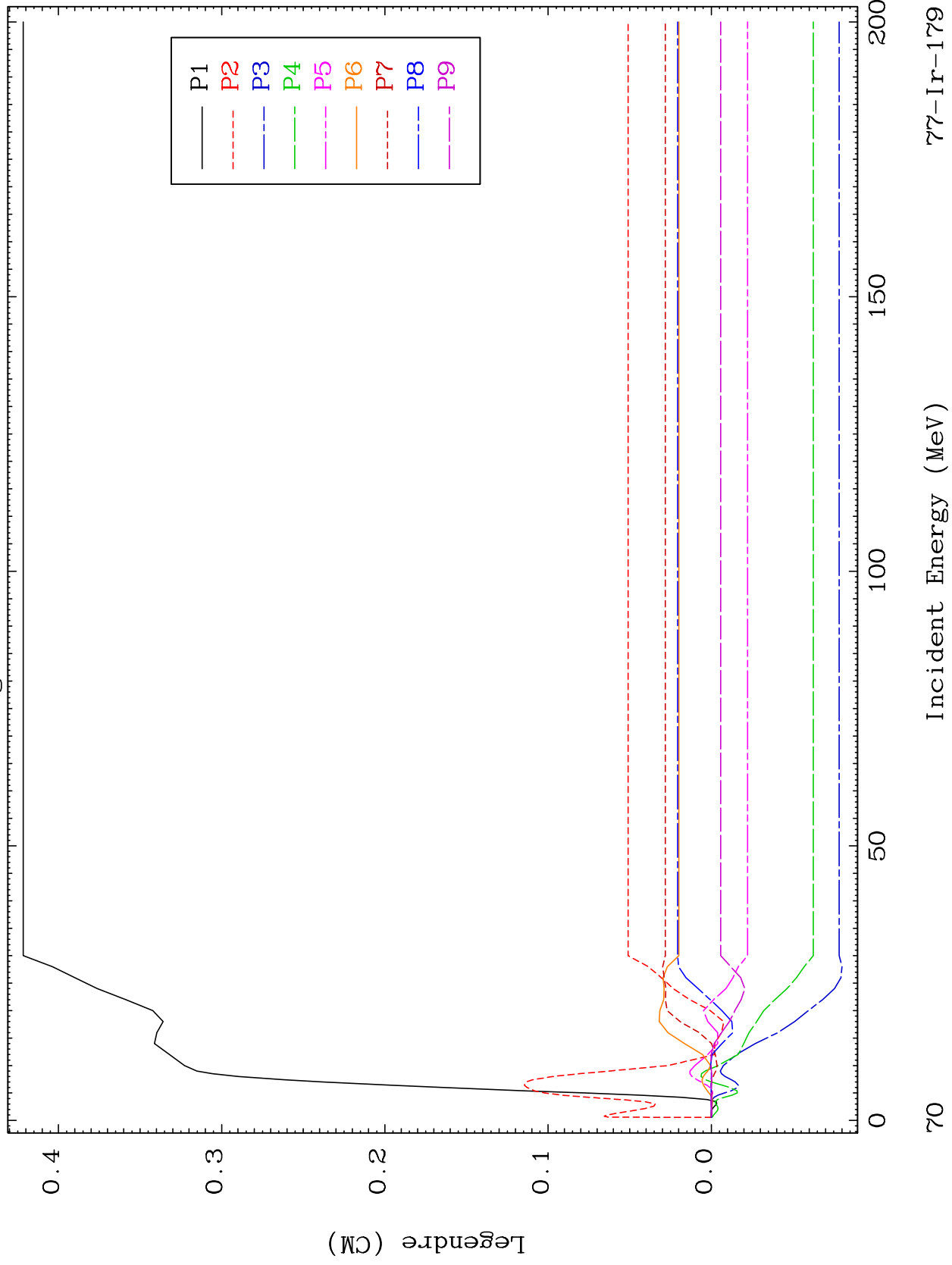
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

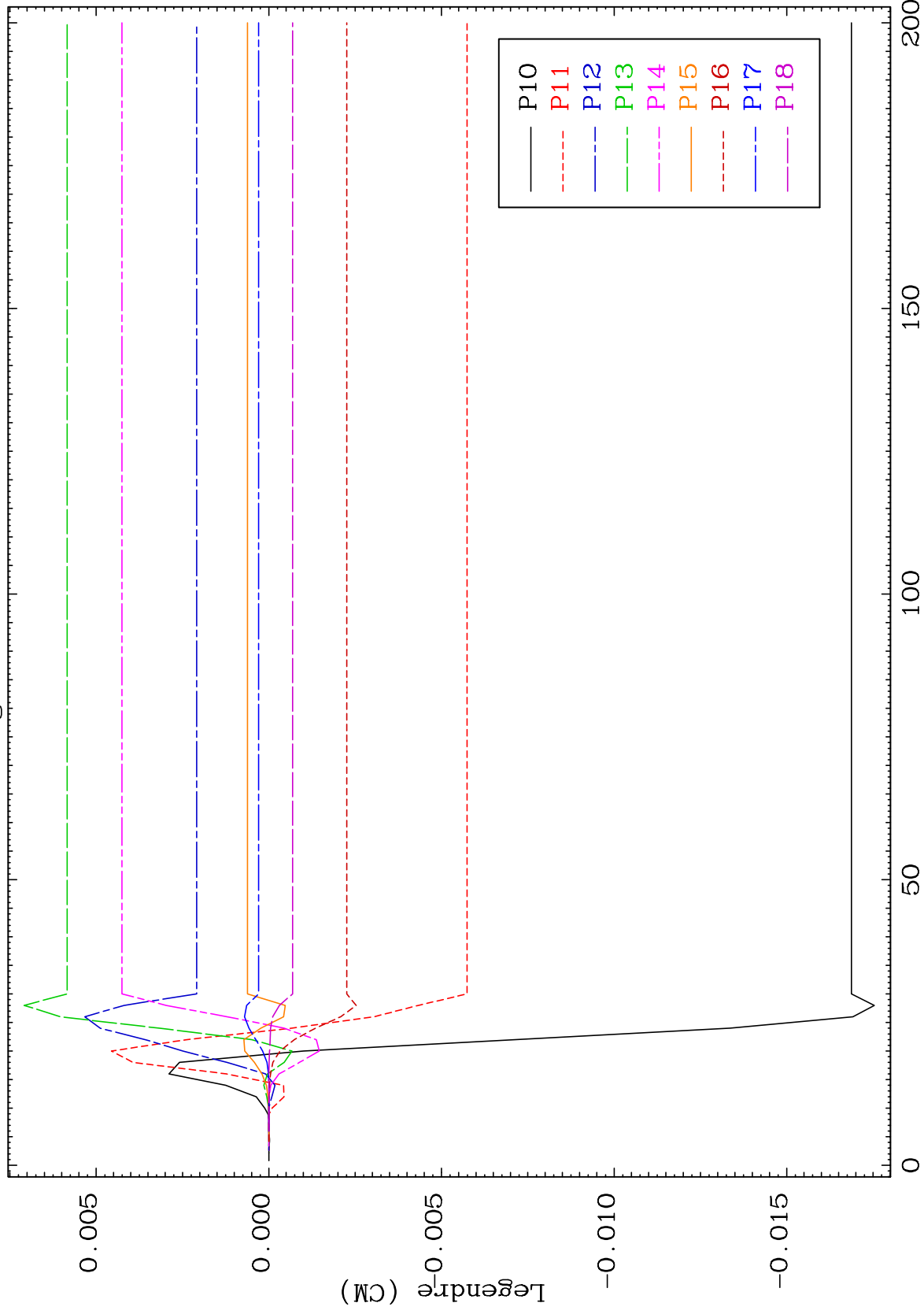
<sup>77</sup>Ir-179



MAT 7689

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

77-Ir-179



71

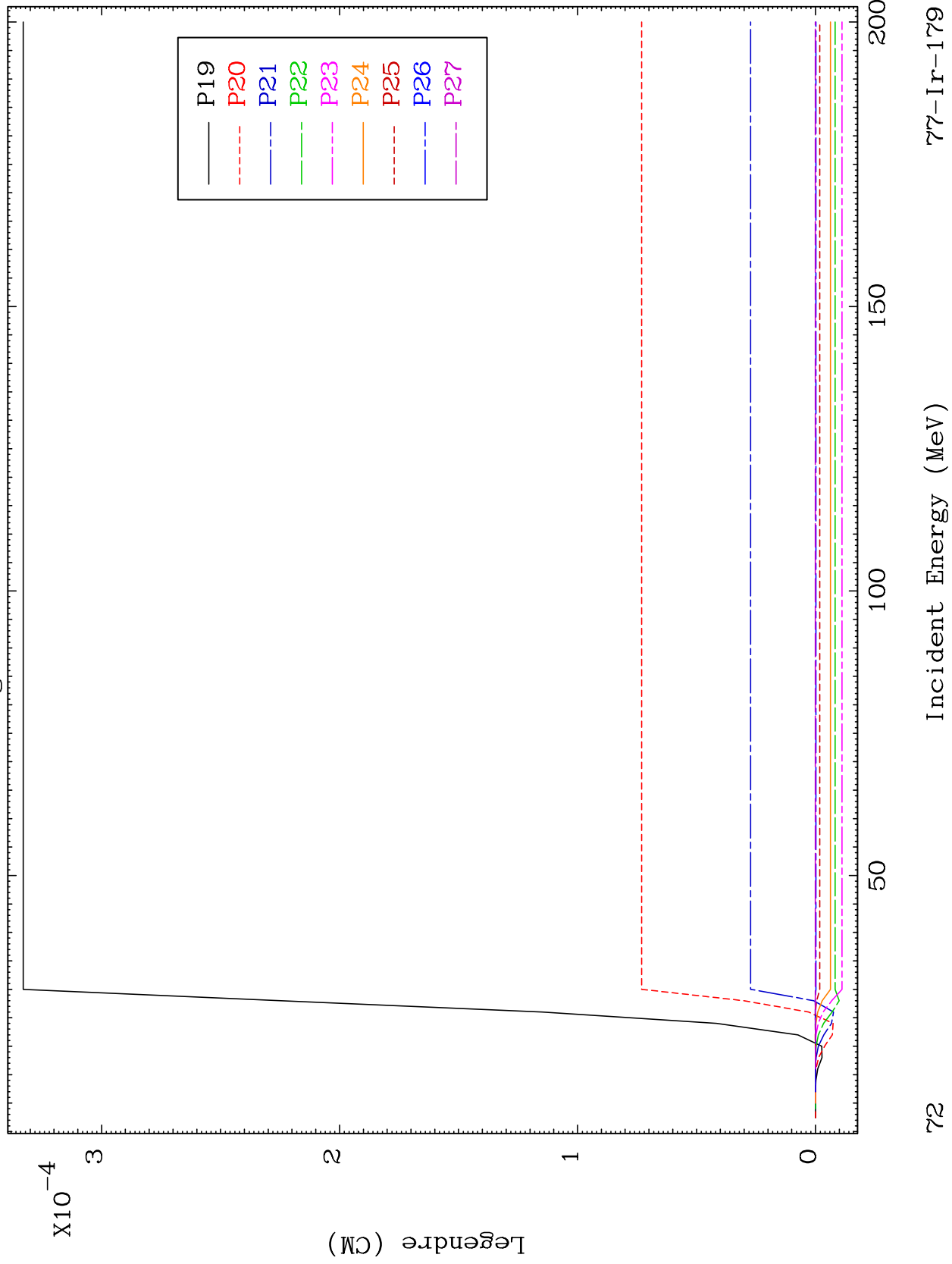
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



72

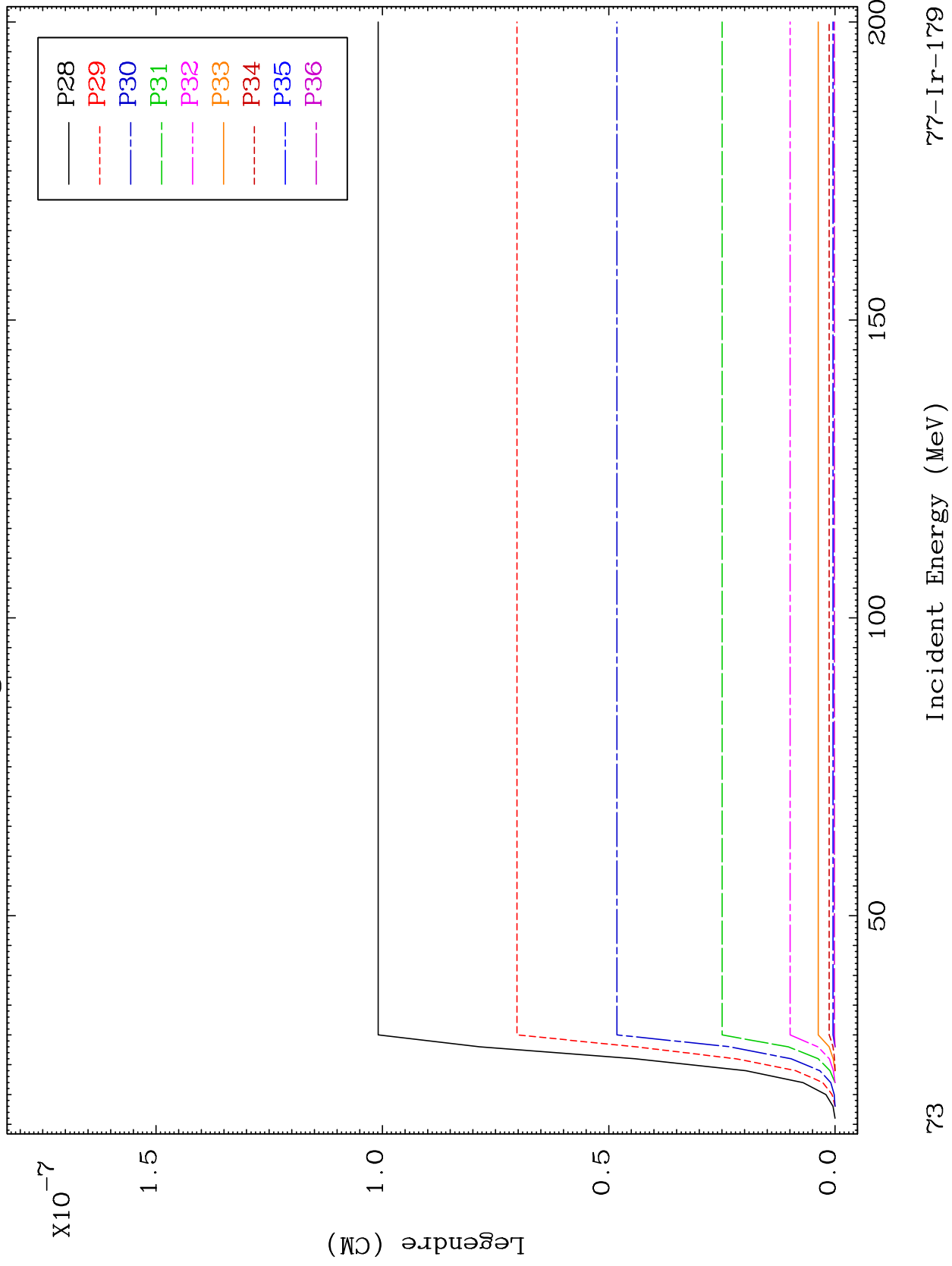
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

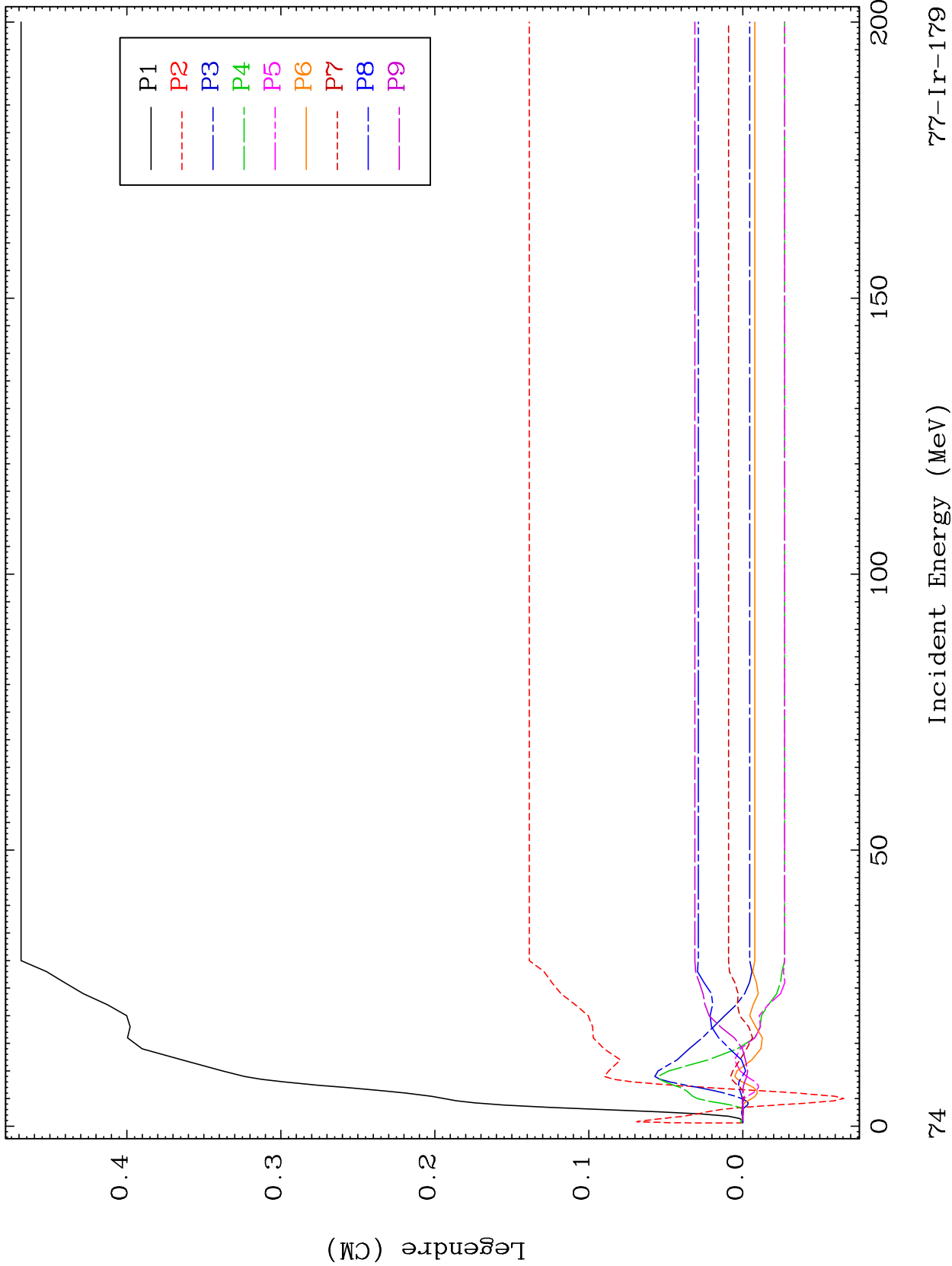
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

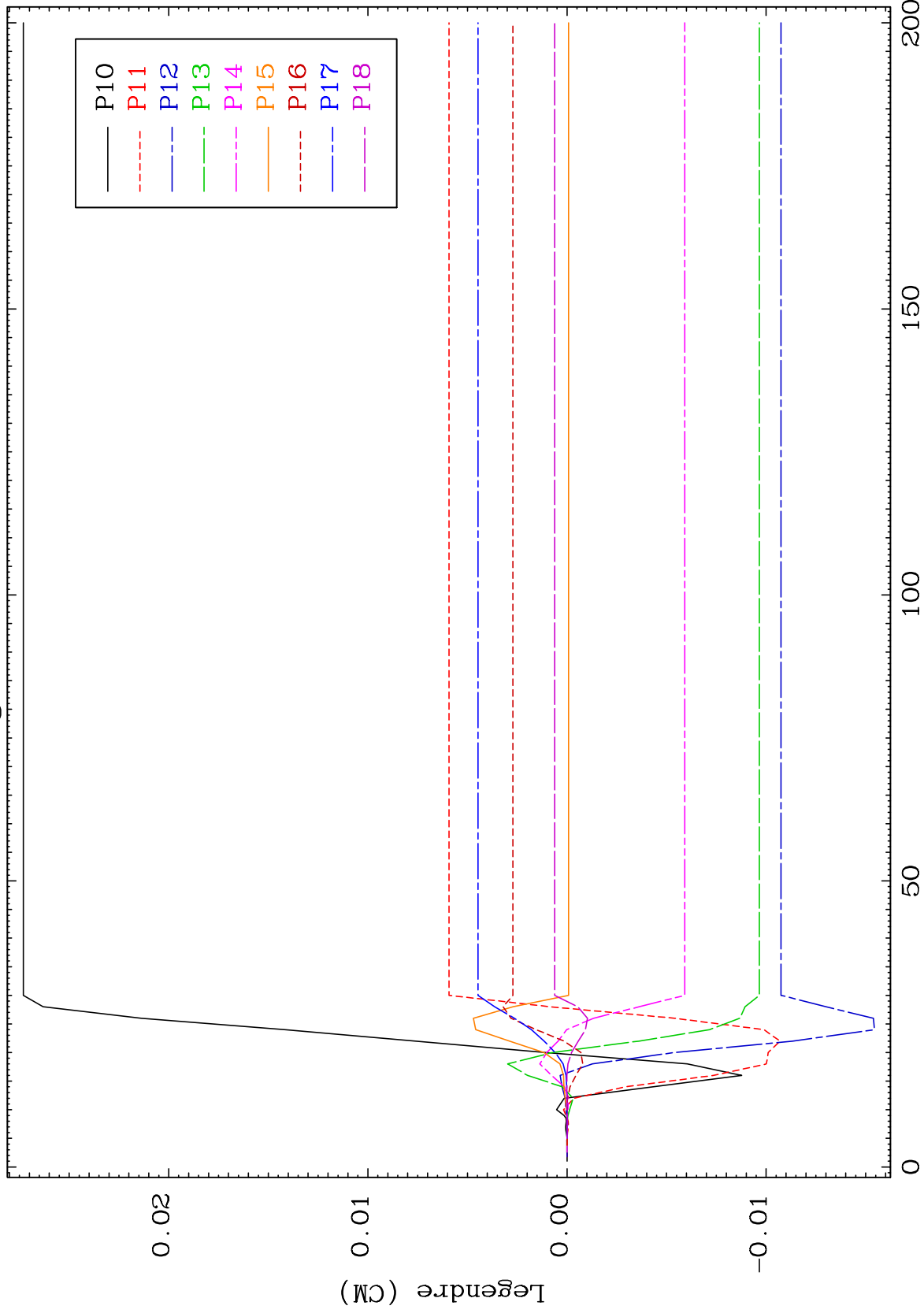
Incident Energy (MeV)

74

MAT 7689

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

77-Ir-179



75

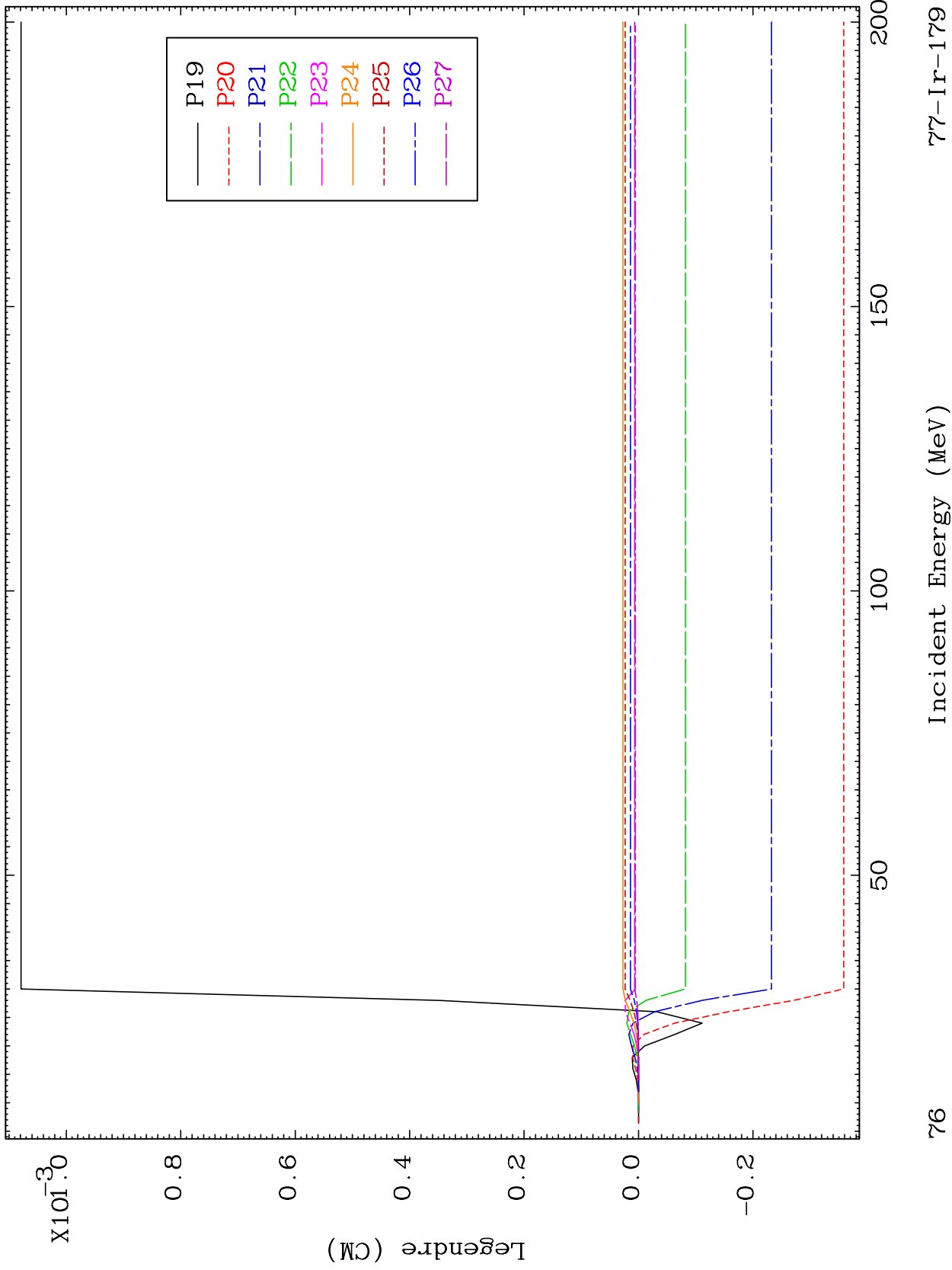
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



76

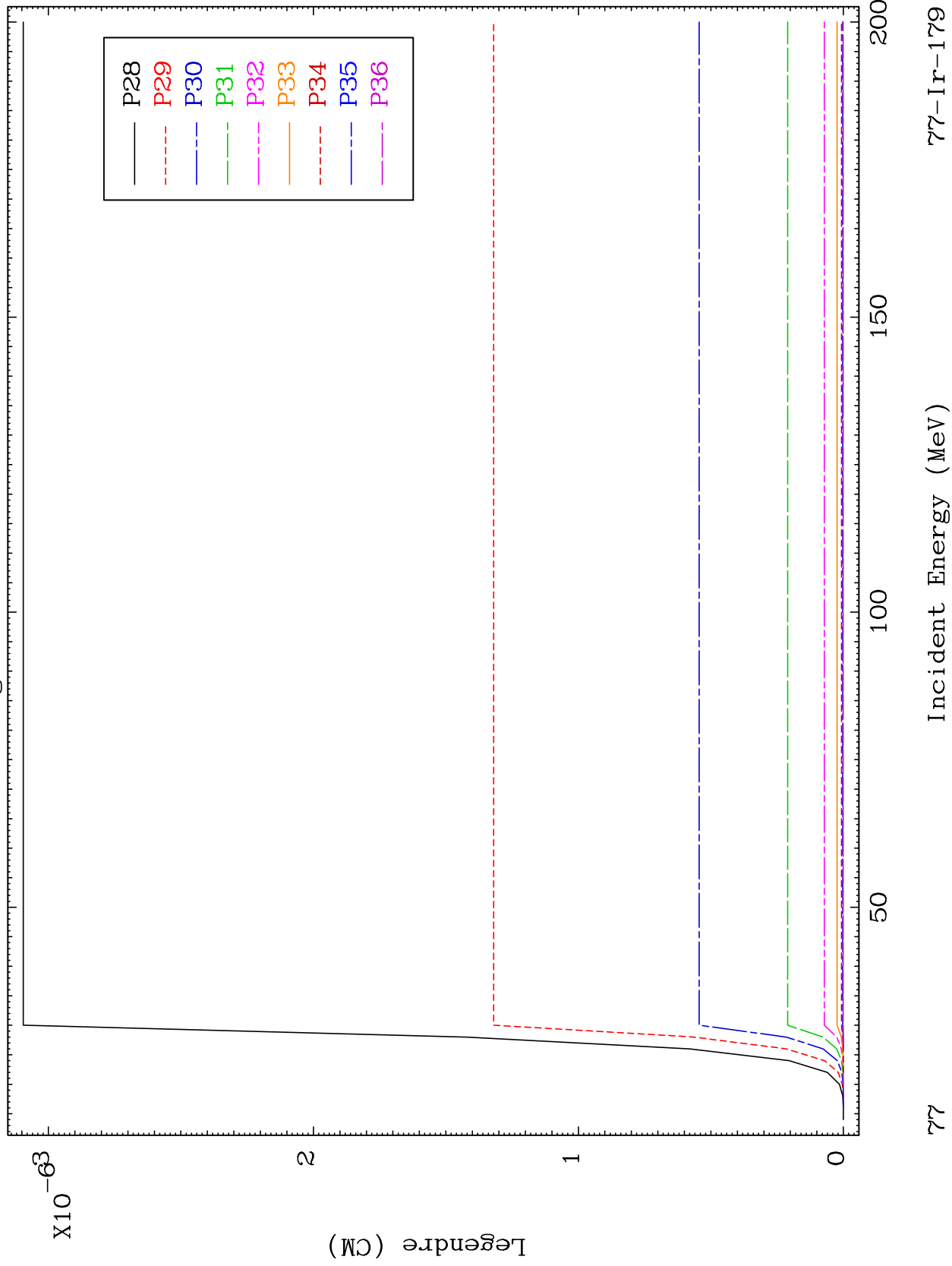
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179

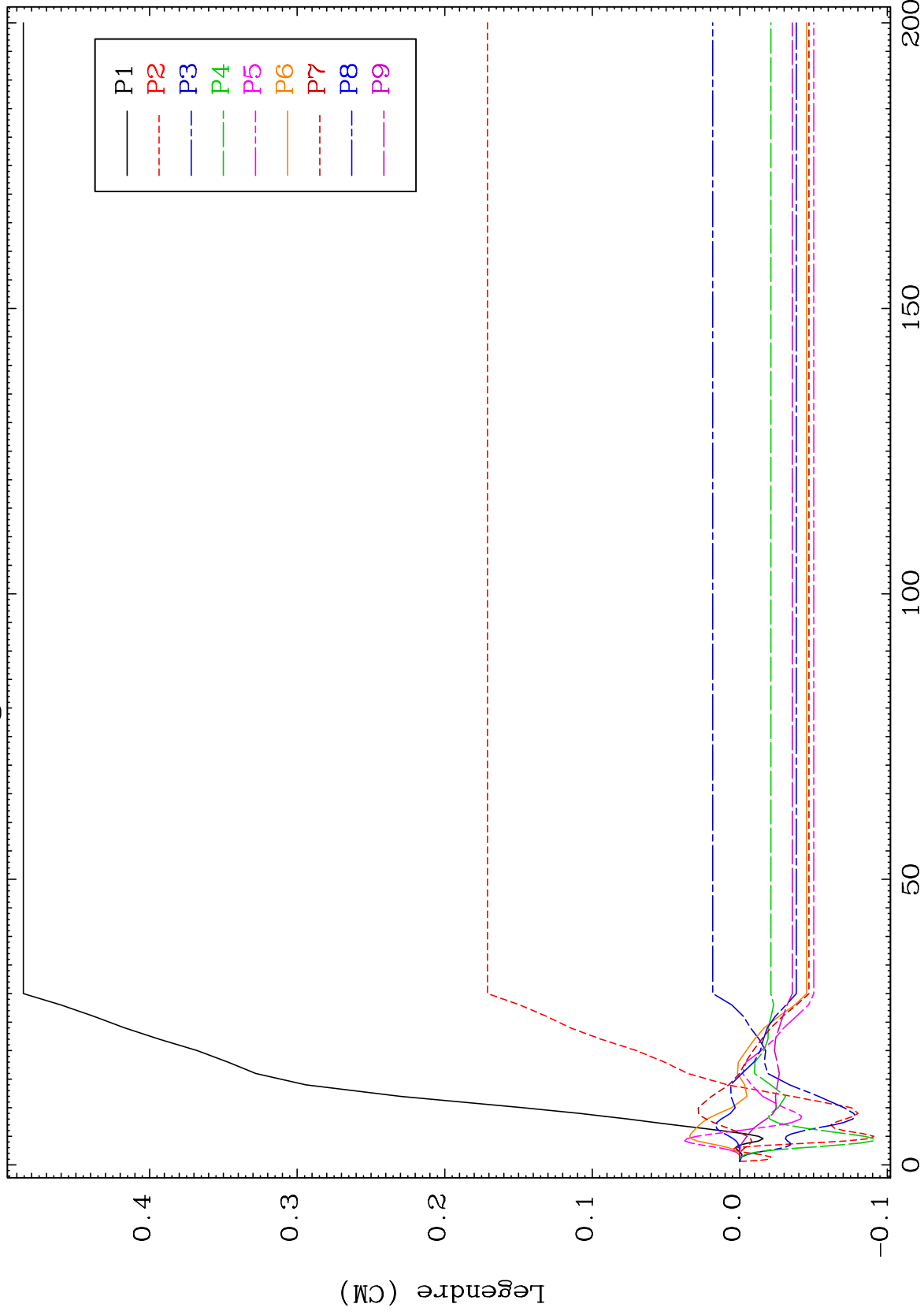


77

MAT 7689

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

77-Ir-179



78

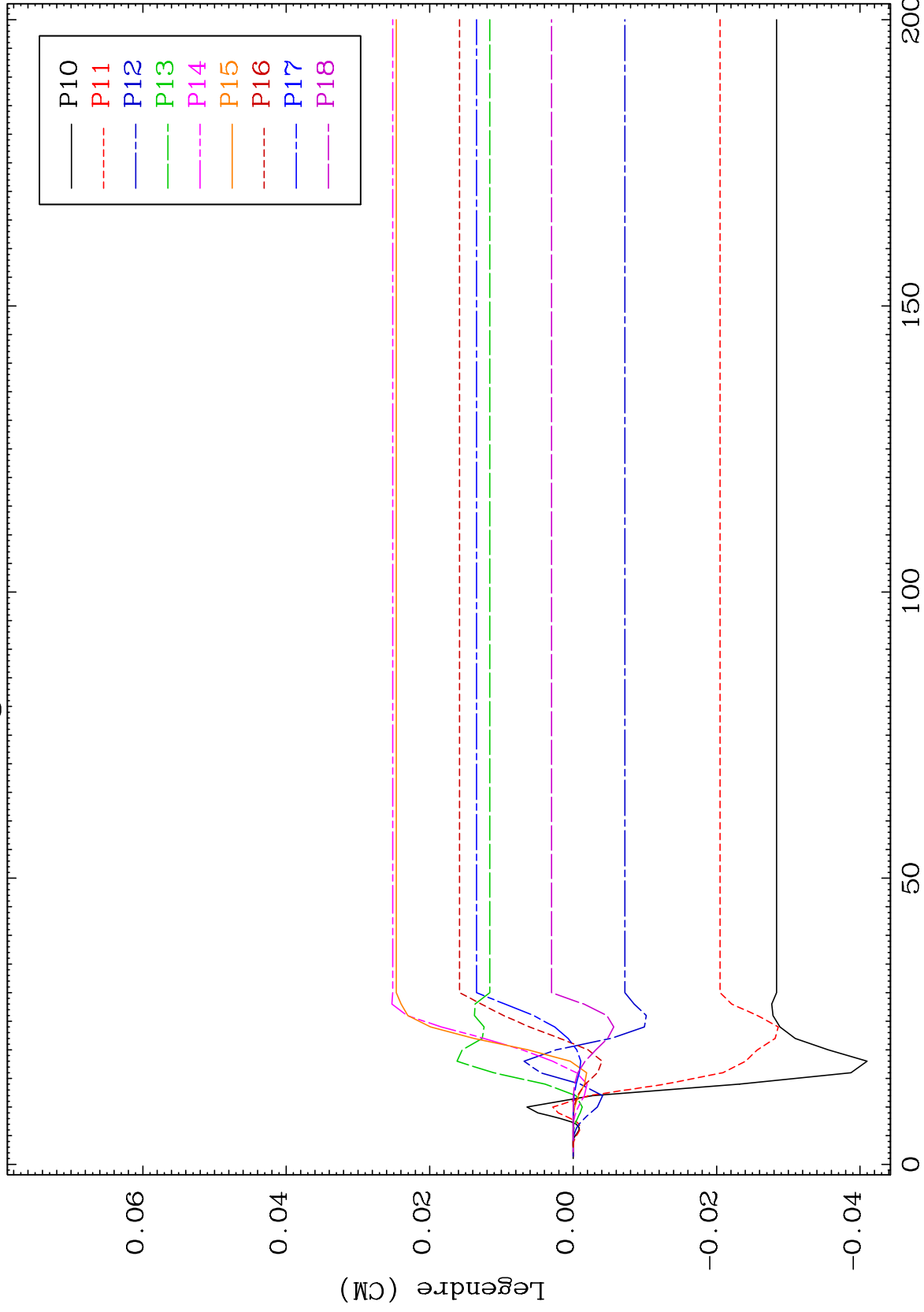
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



79

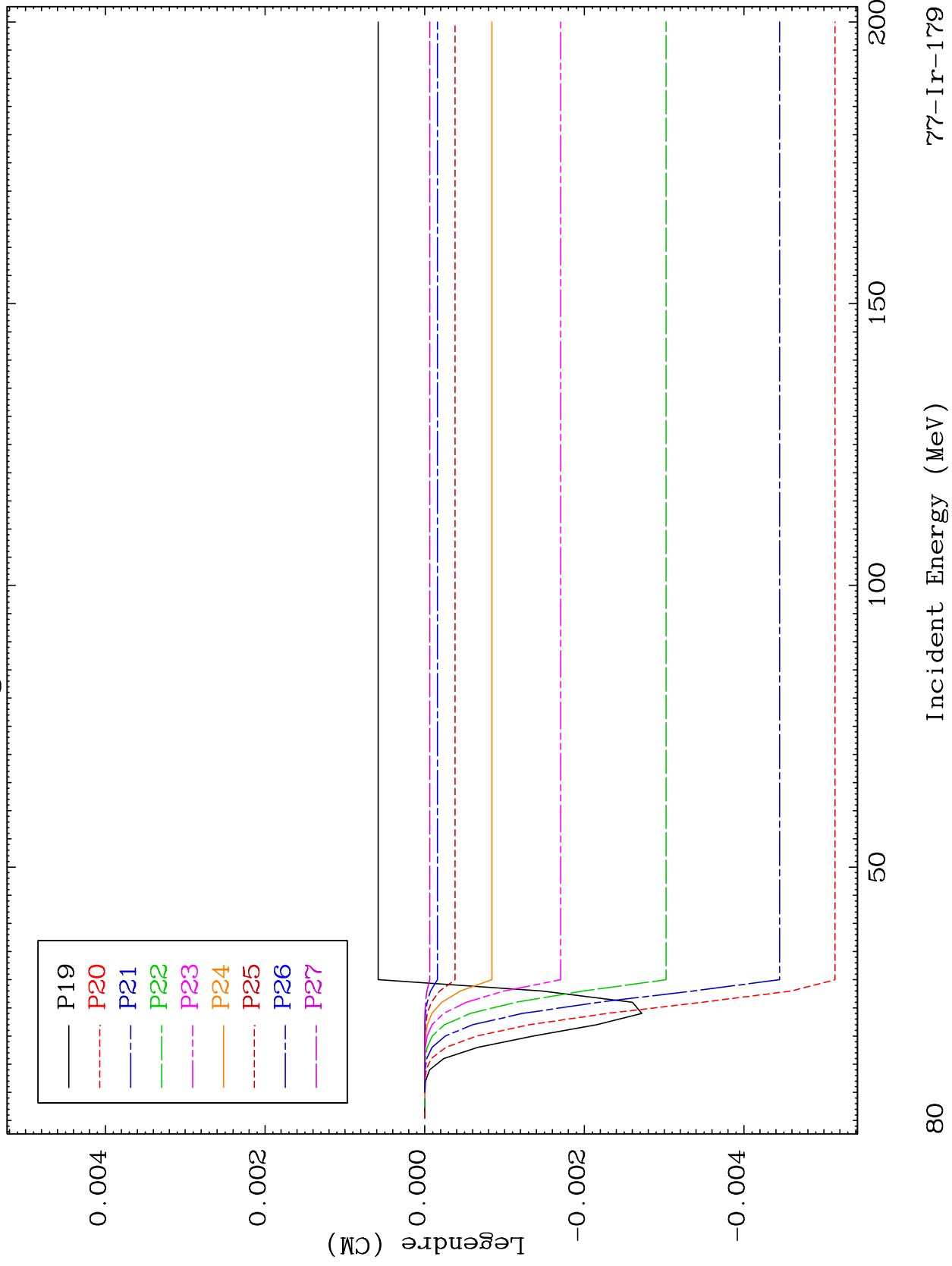
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

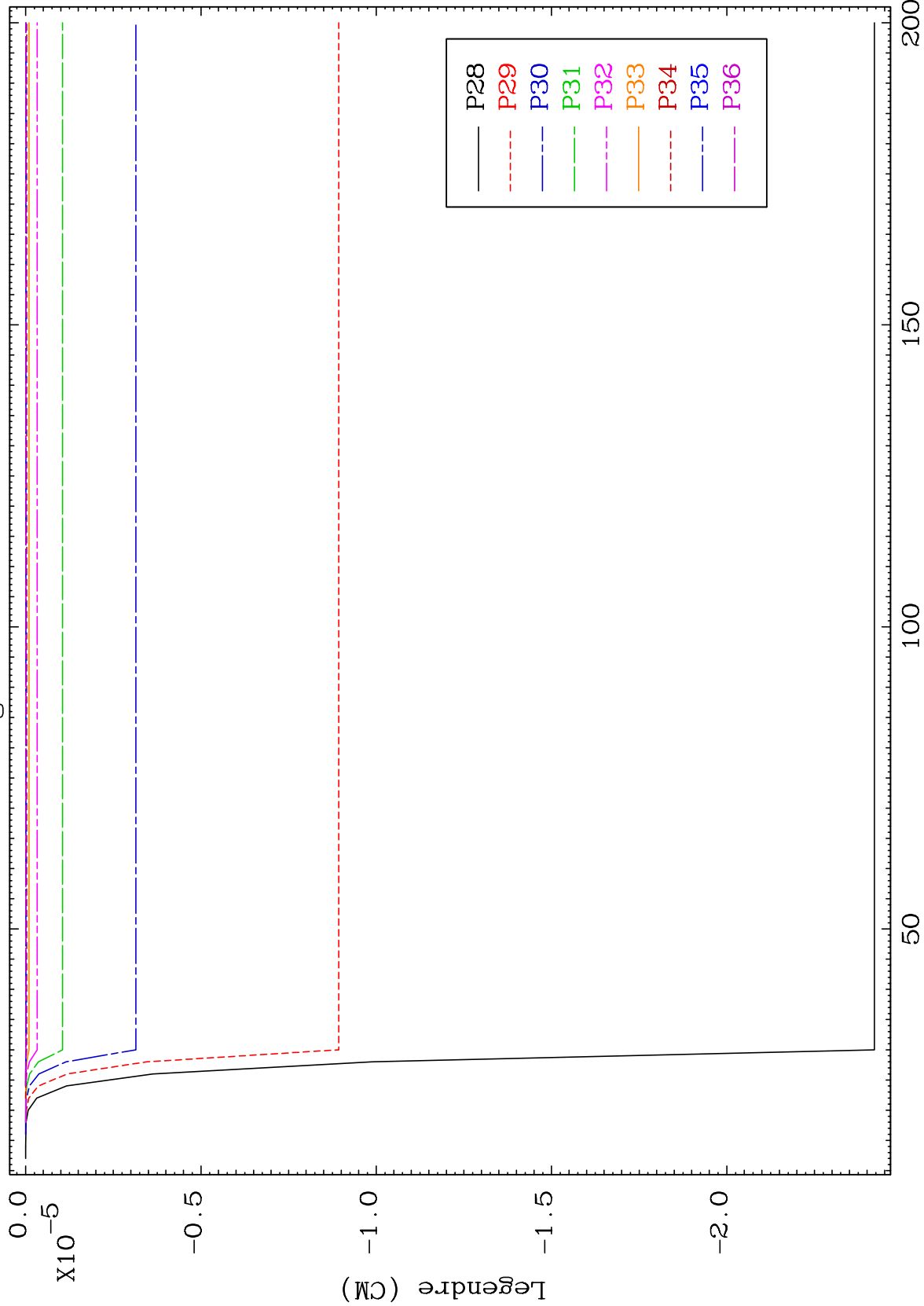
77-Ir-179



80

Incident Energy (MeV)

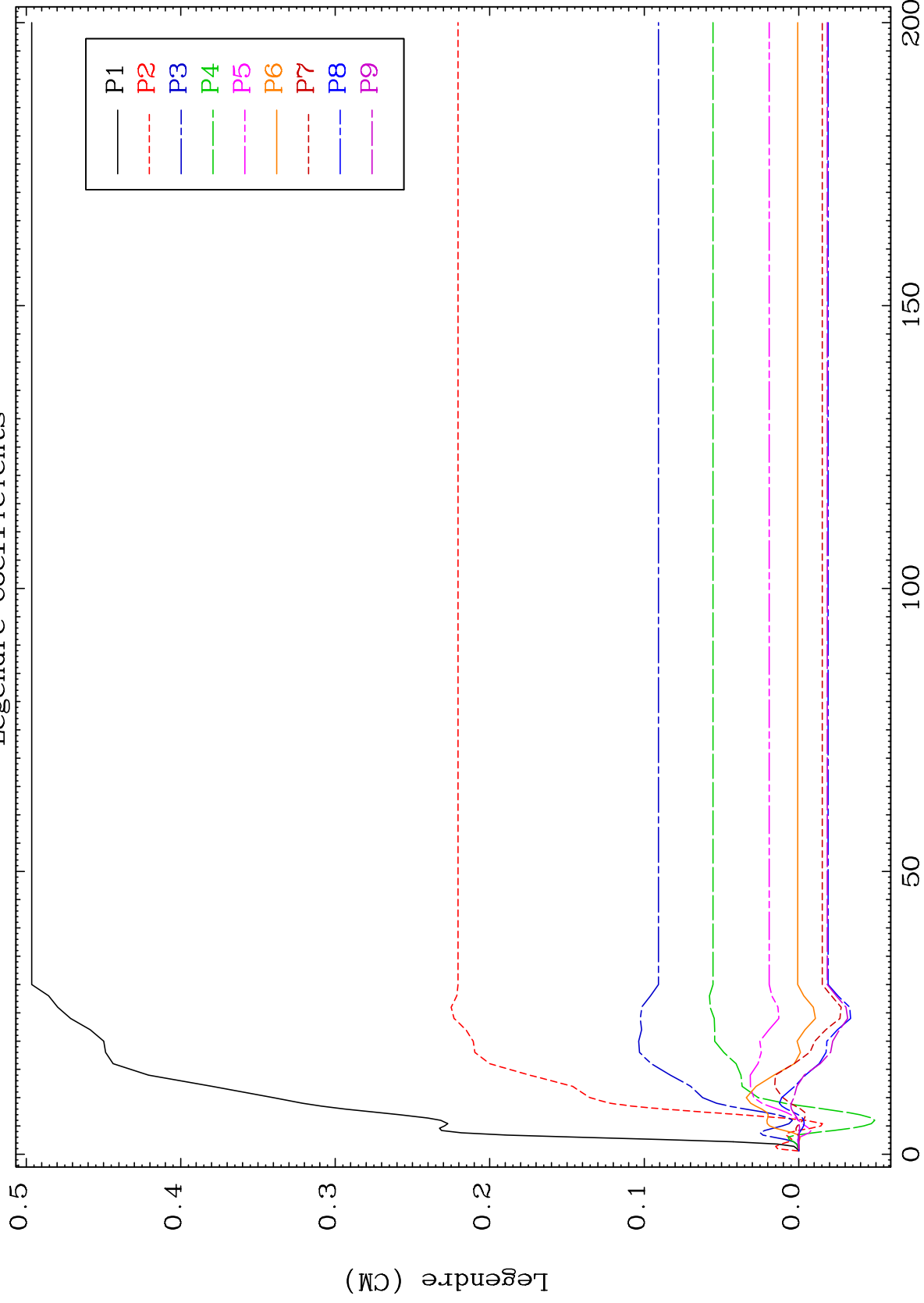
77-Ir-179



MAT 7689

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

77-Ir-179



82

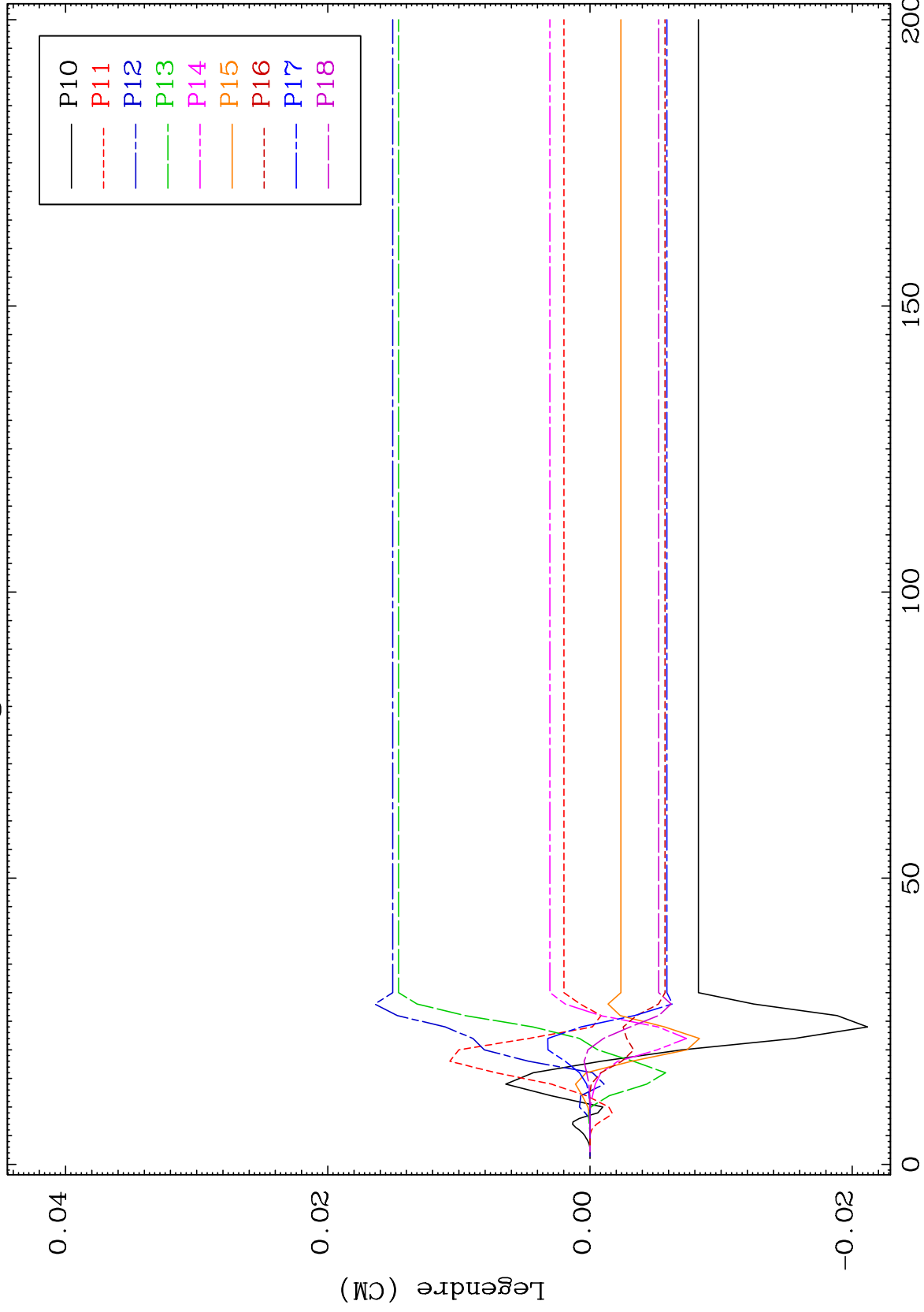
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

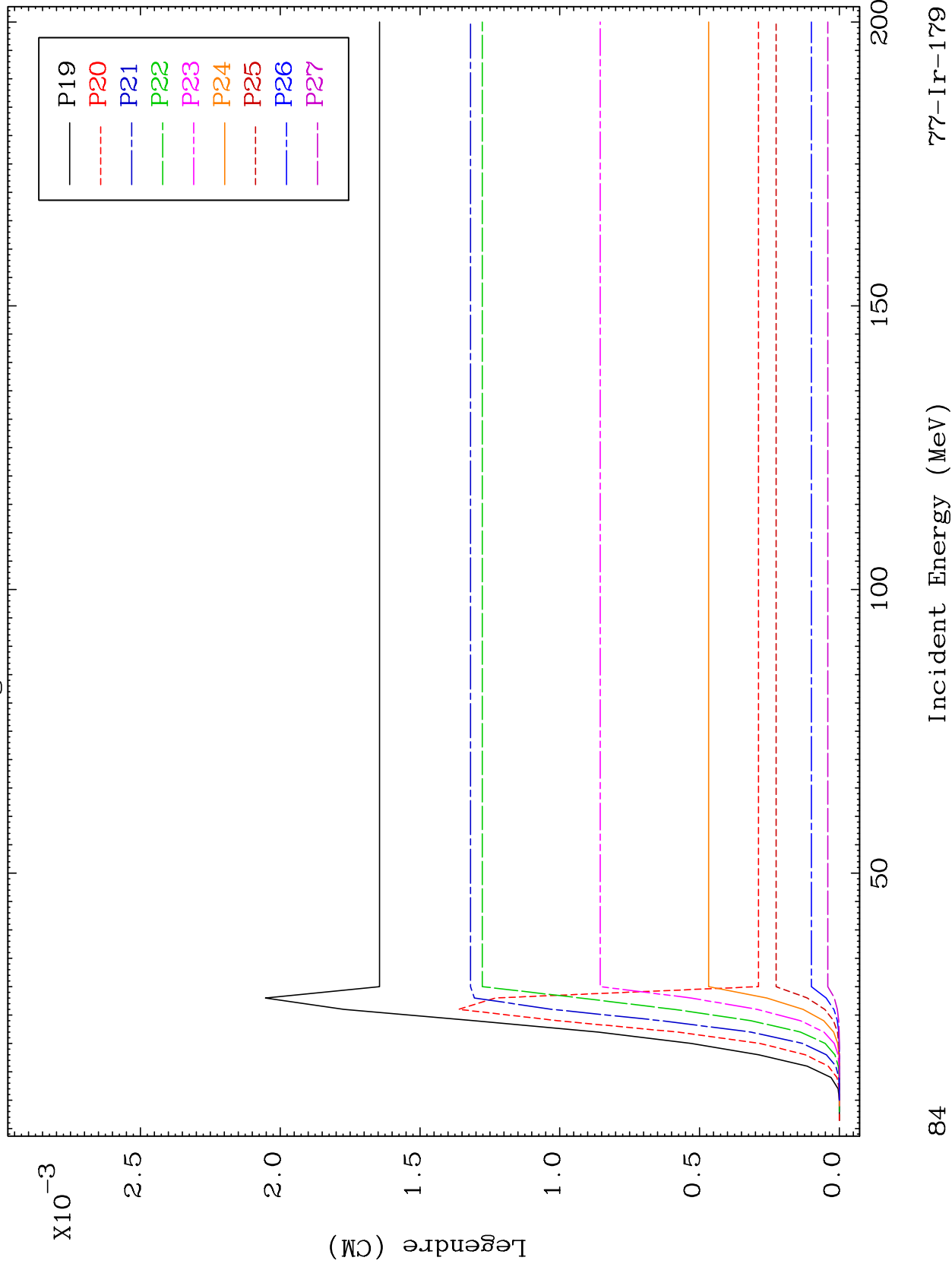
77-Ir-179



83

Incident Energy (MeV)

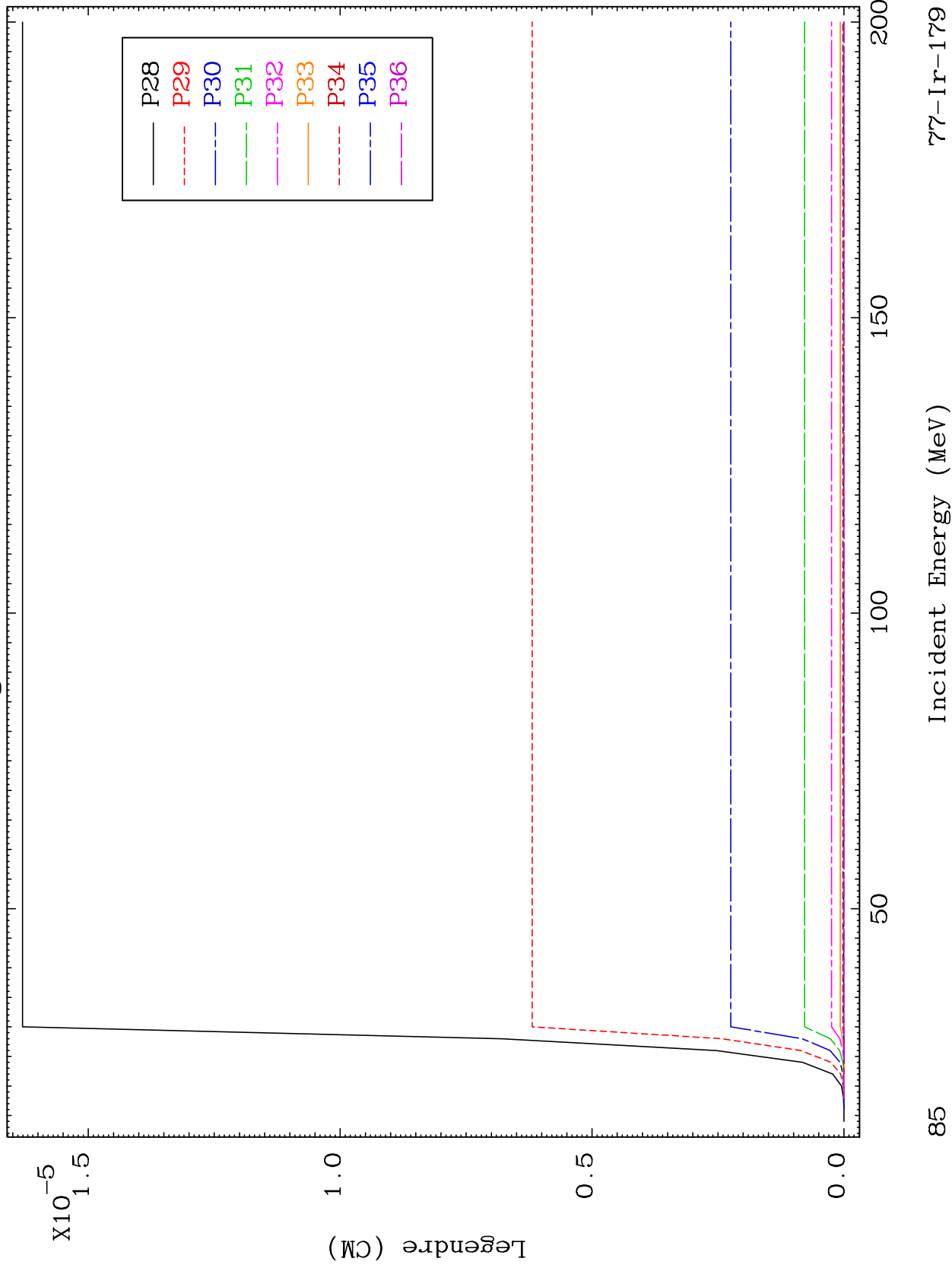
77-Ir-179



MAT 7689

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

77-Ir-179



85

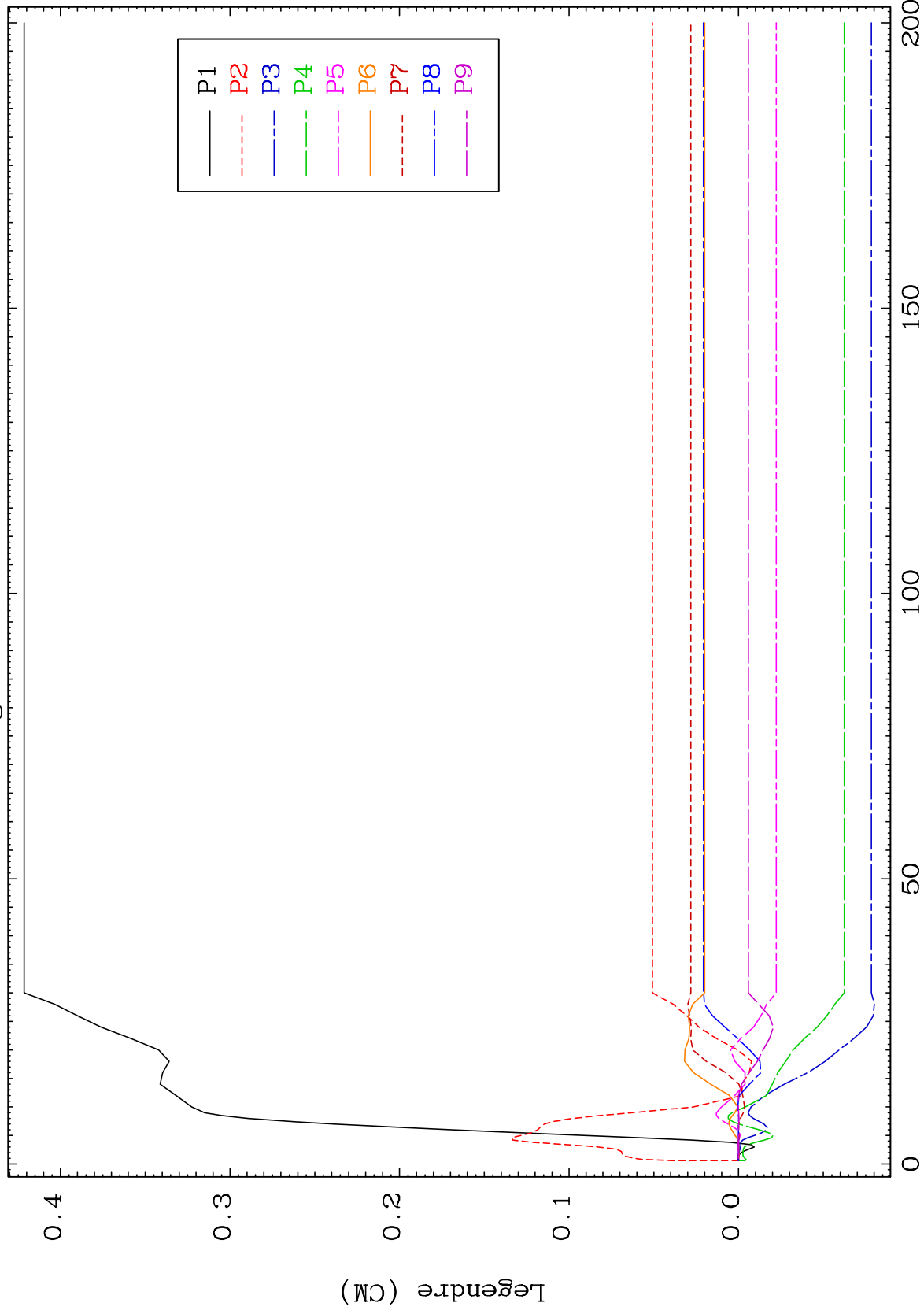
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



86

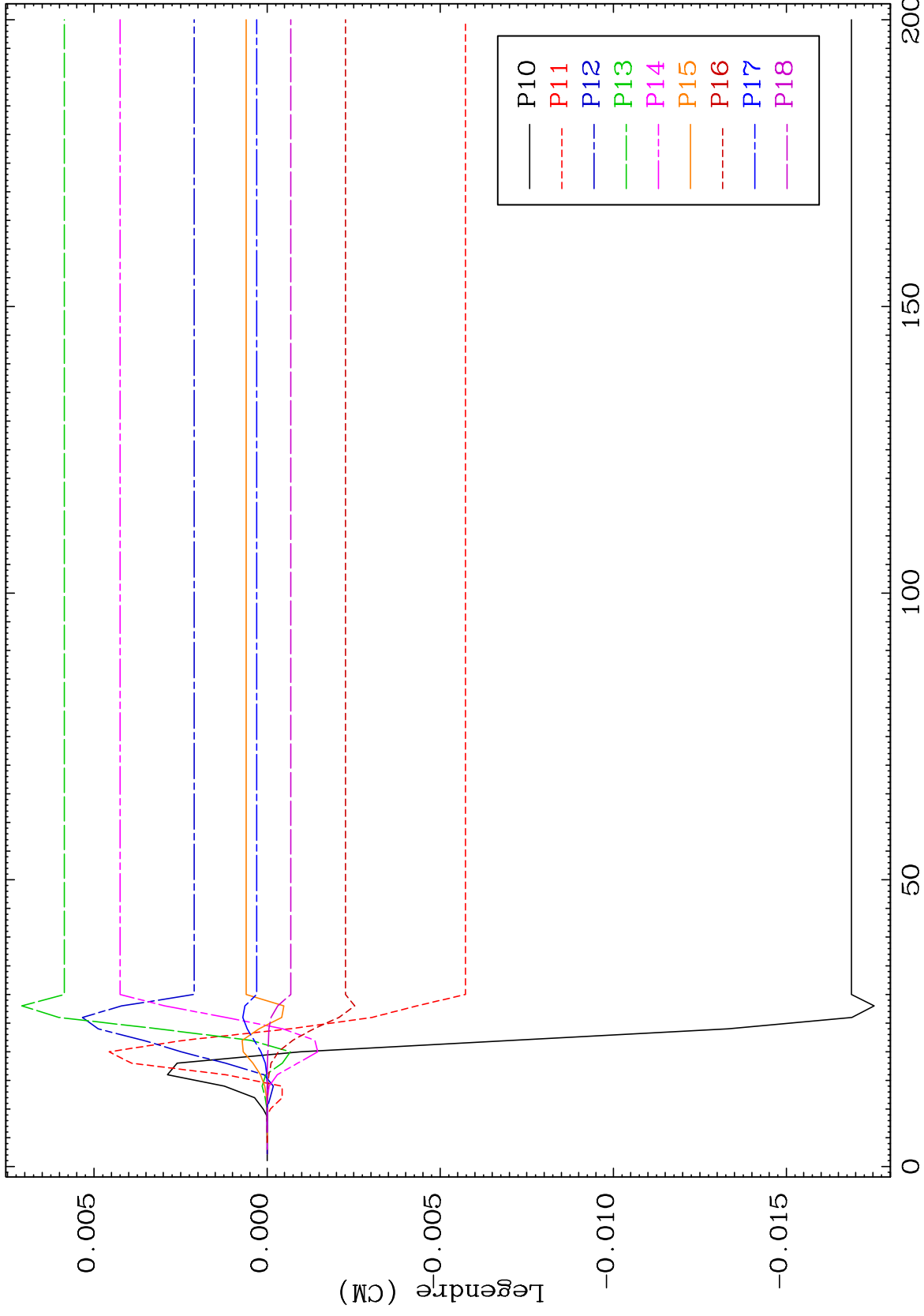
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



87

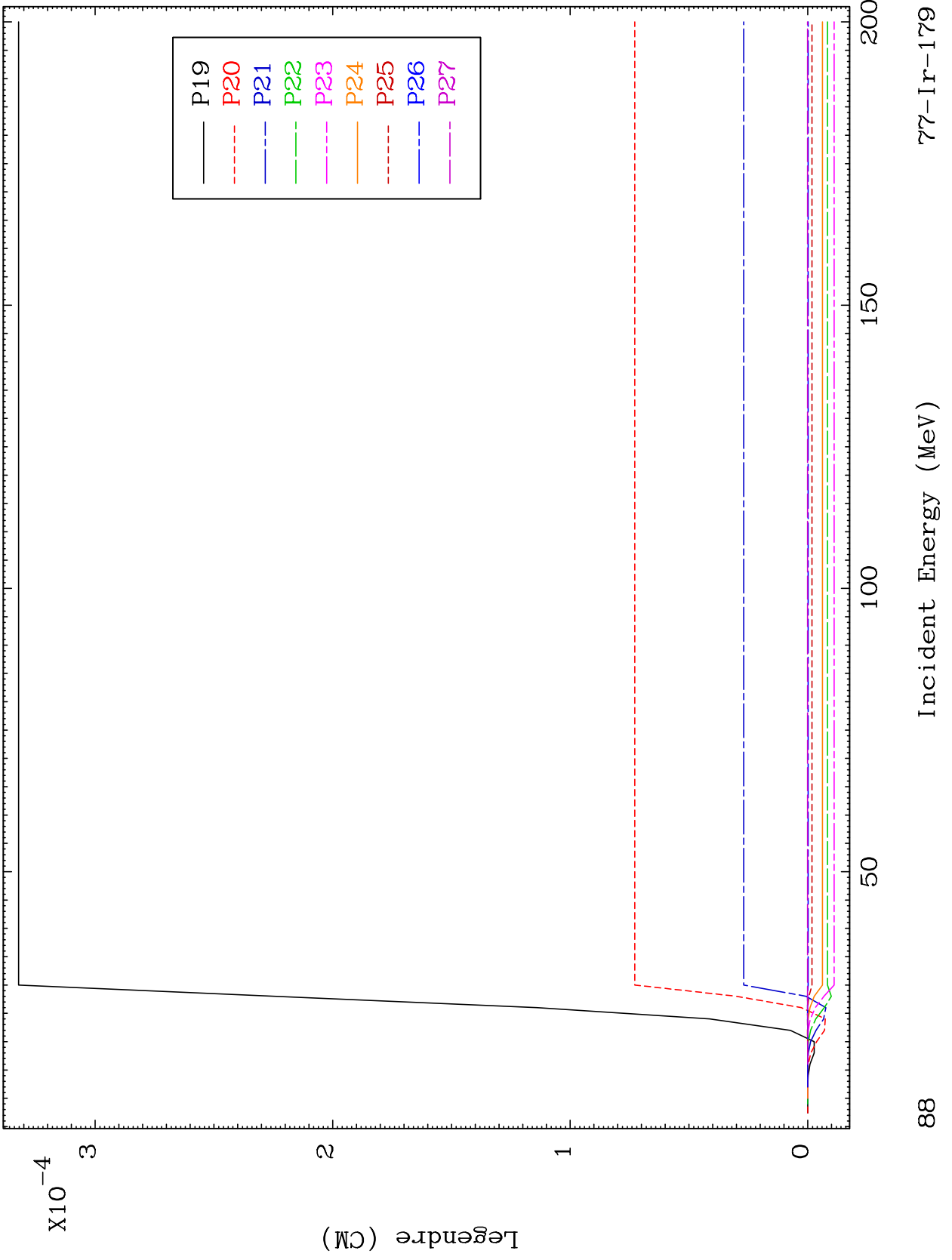
Incident Energy (MeV)

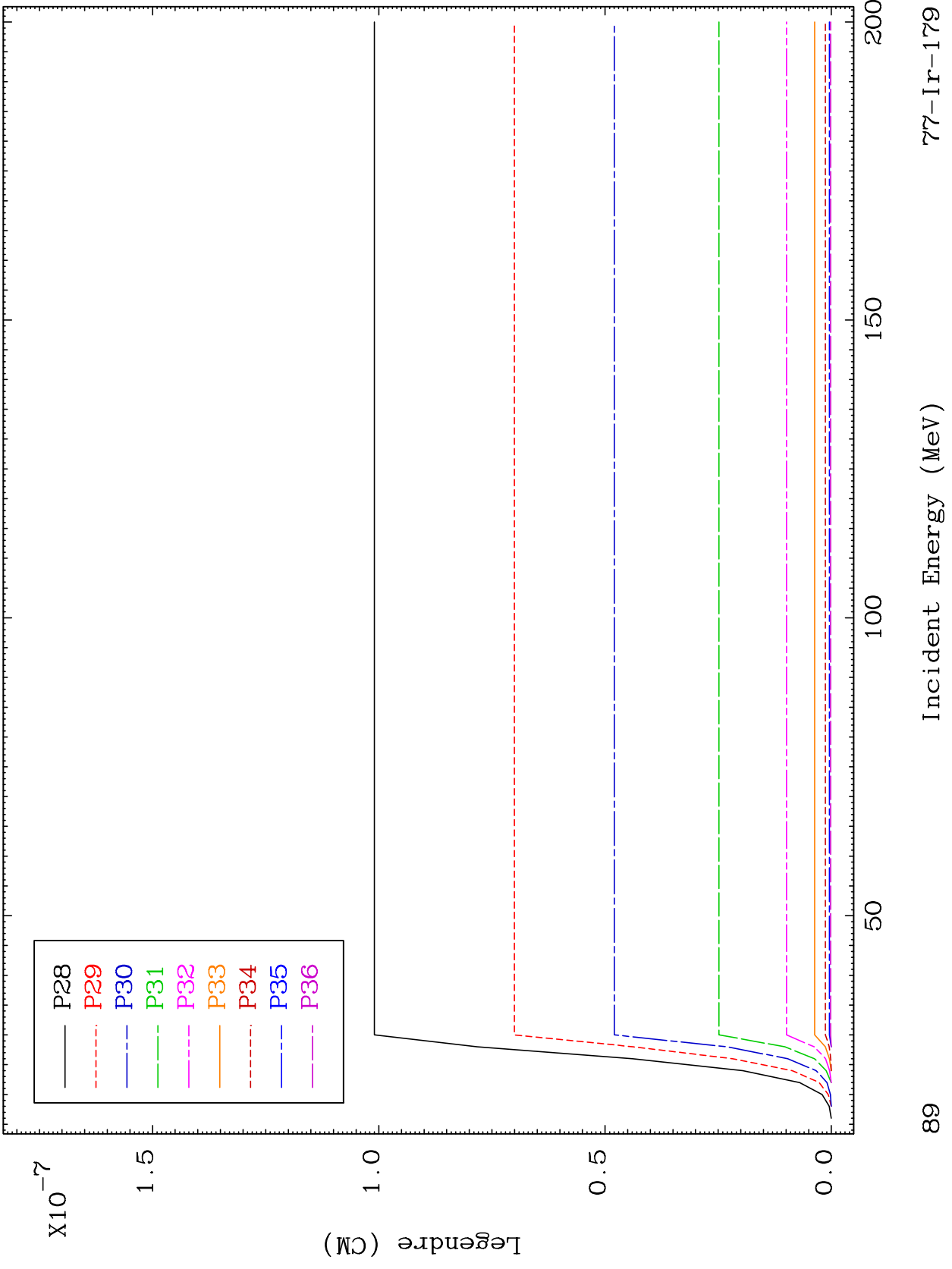
77-Ir-179

MAT 7689

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

77-Ir-179

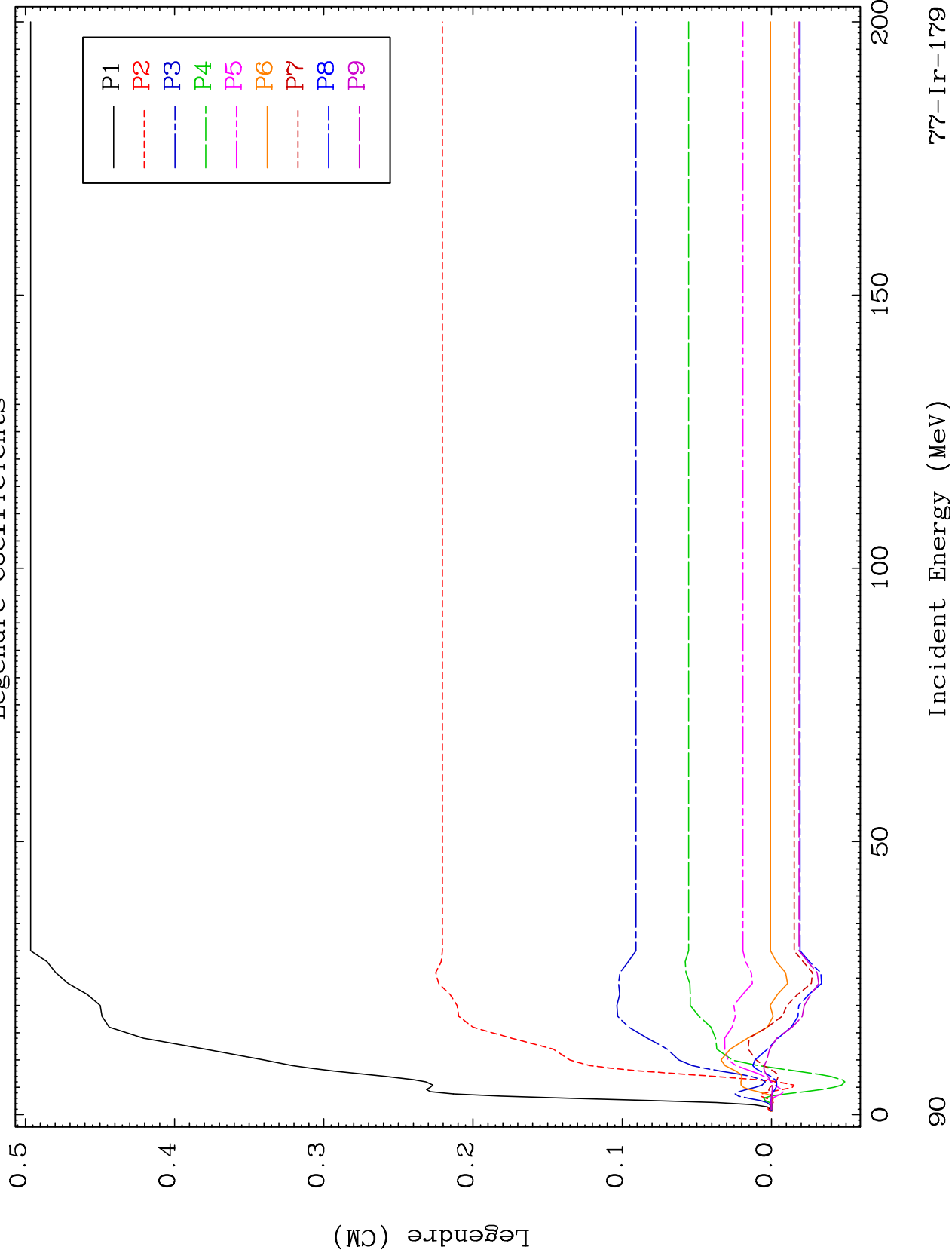




MAT 7689

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

<sup>77</sup>Ir-179



<sup>77</sup>Ir-179

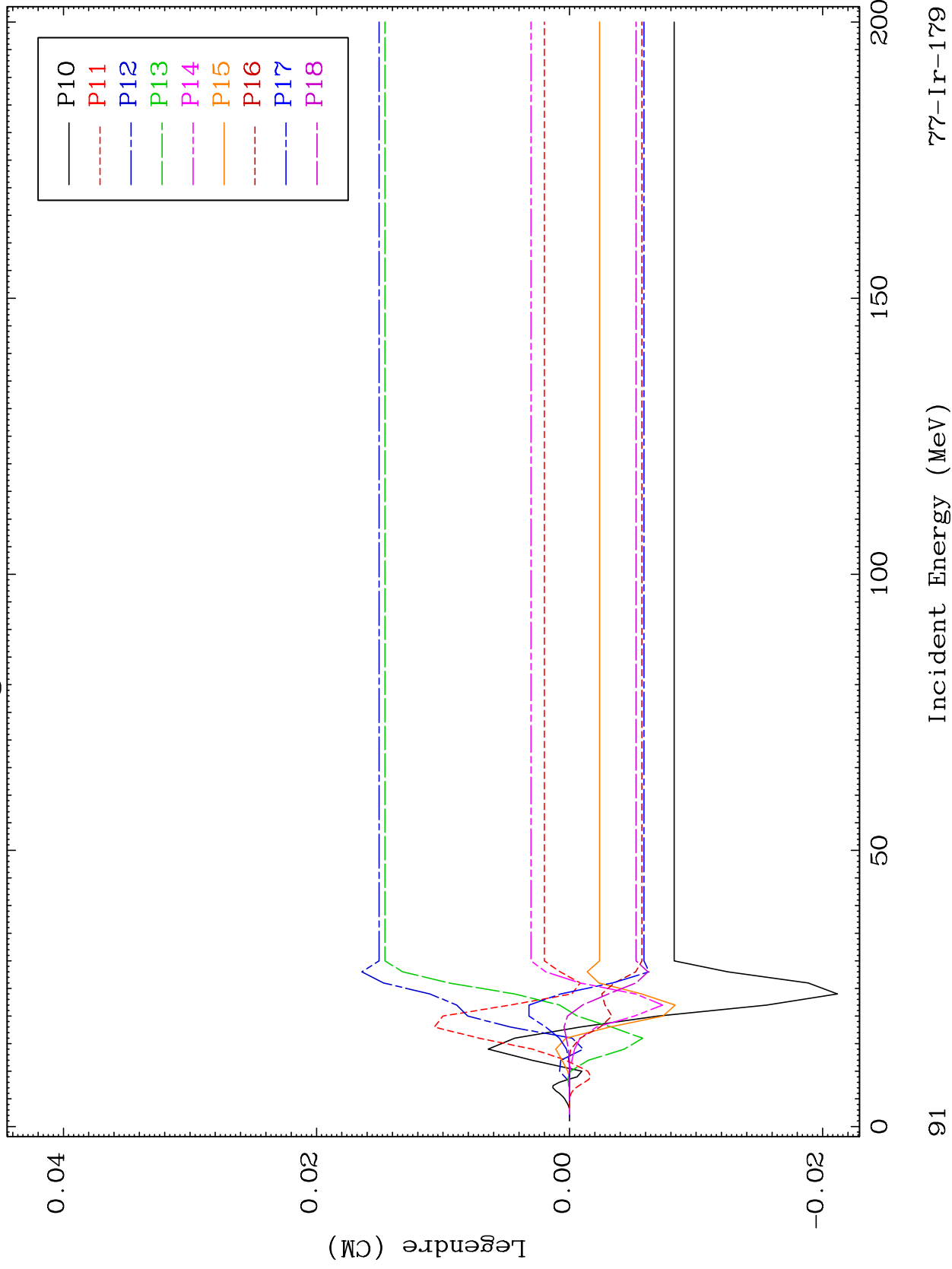
Incident Energy (MeV)

90

MAT 7689

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

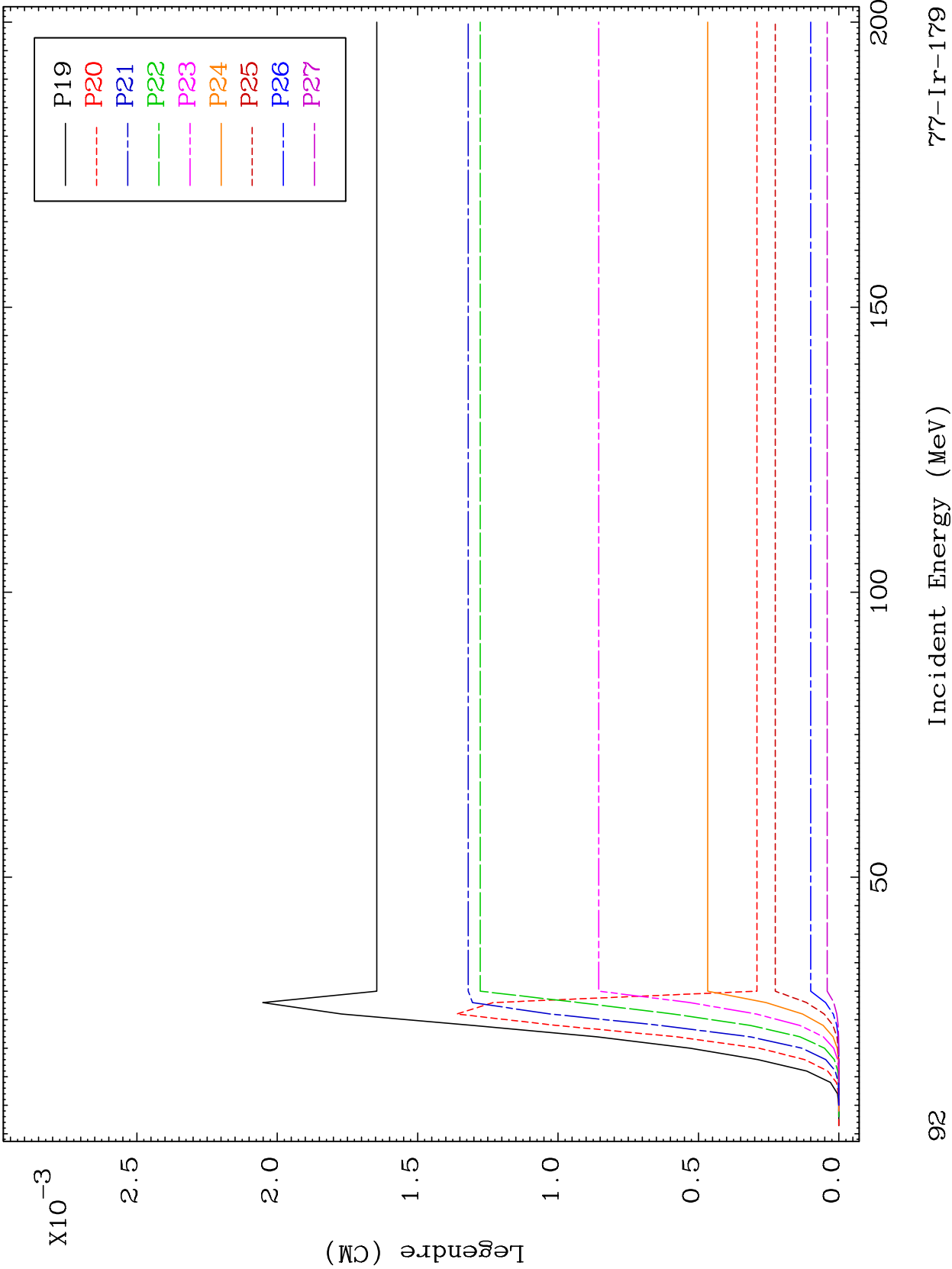
77-Ir-179



91

Incident Energy (MeV)

77-Ir-179

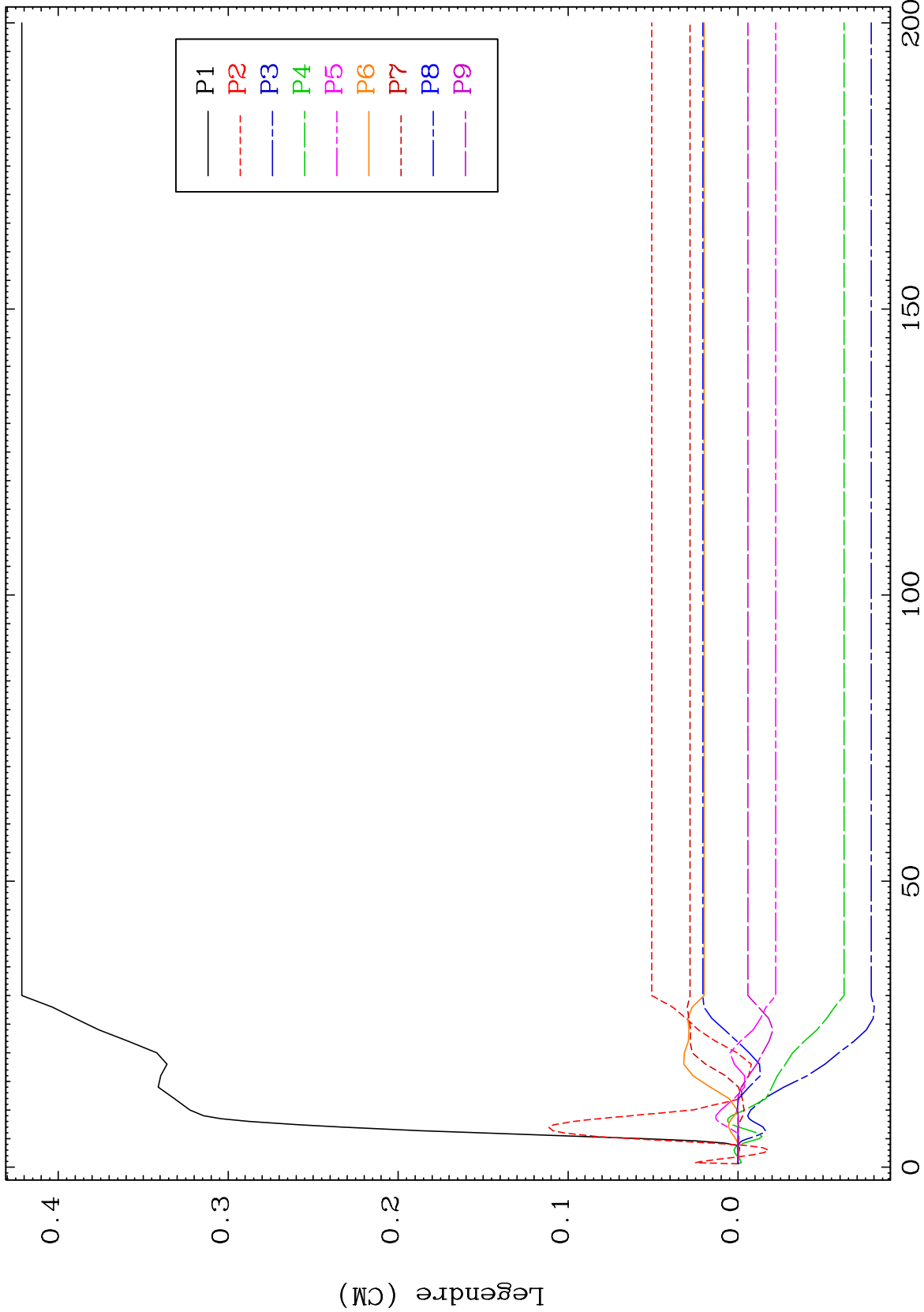




MAT 7689

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

77-Ir-179



94

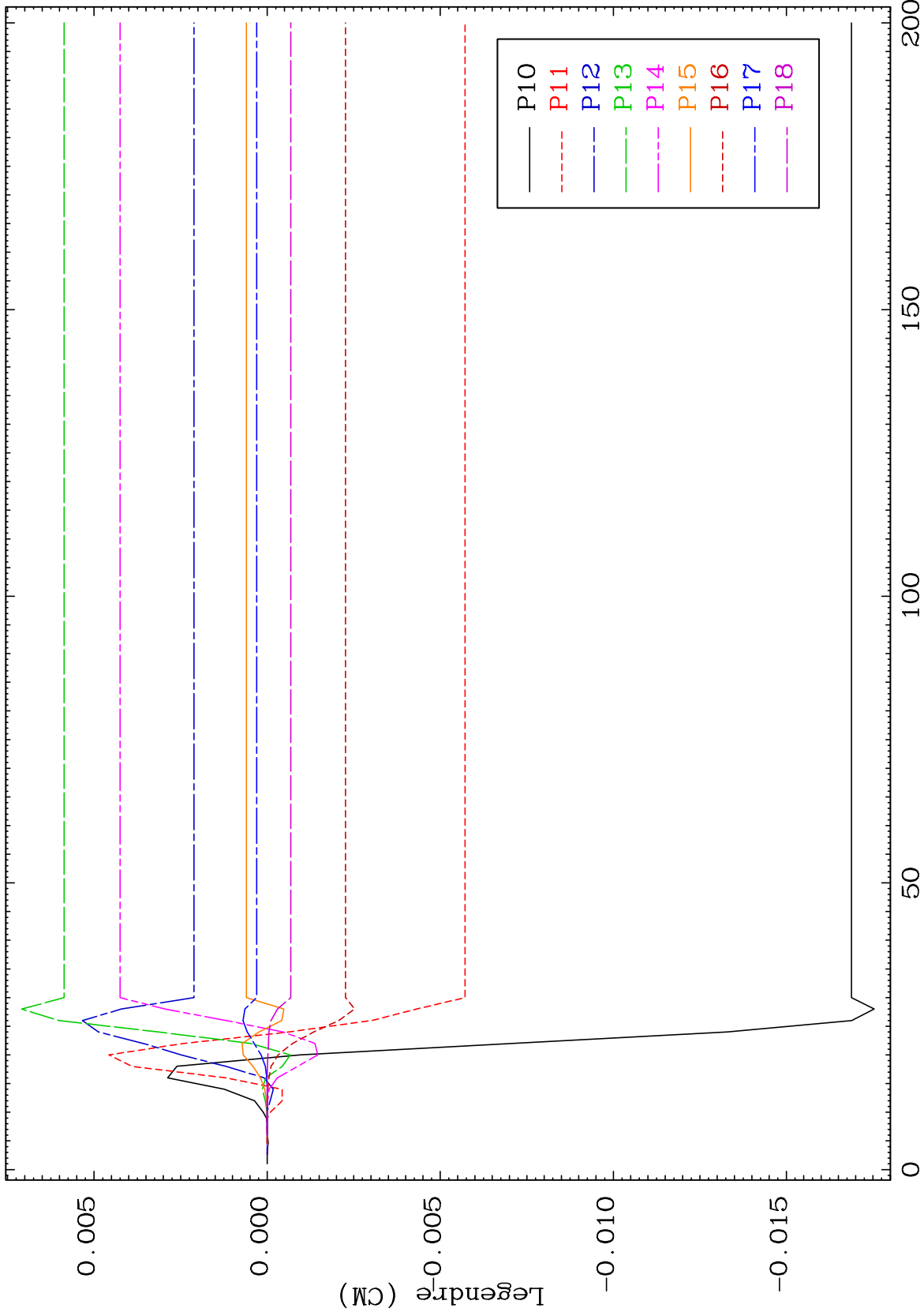
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



95

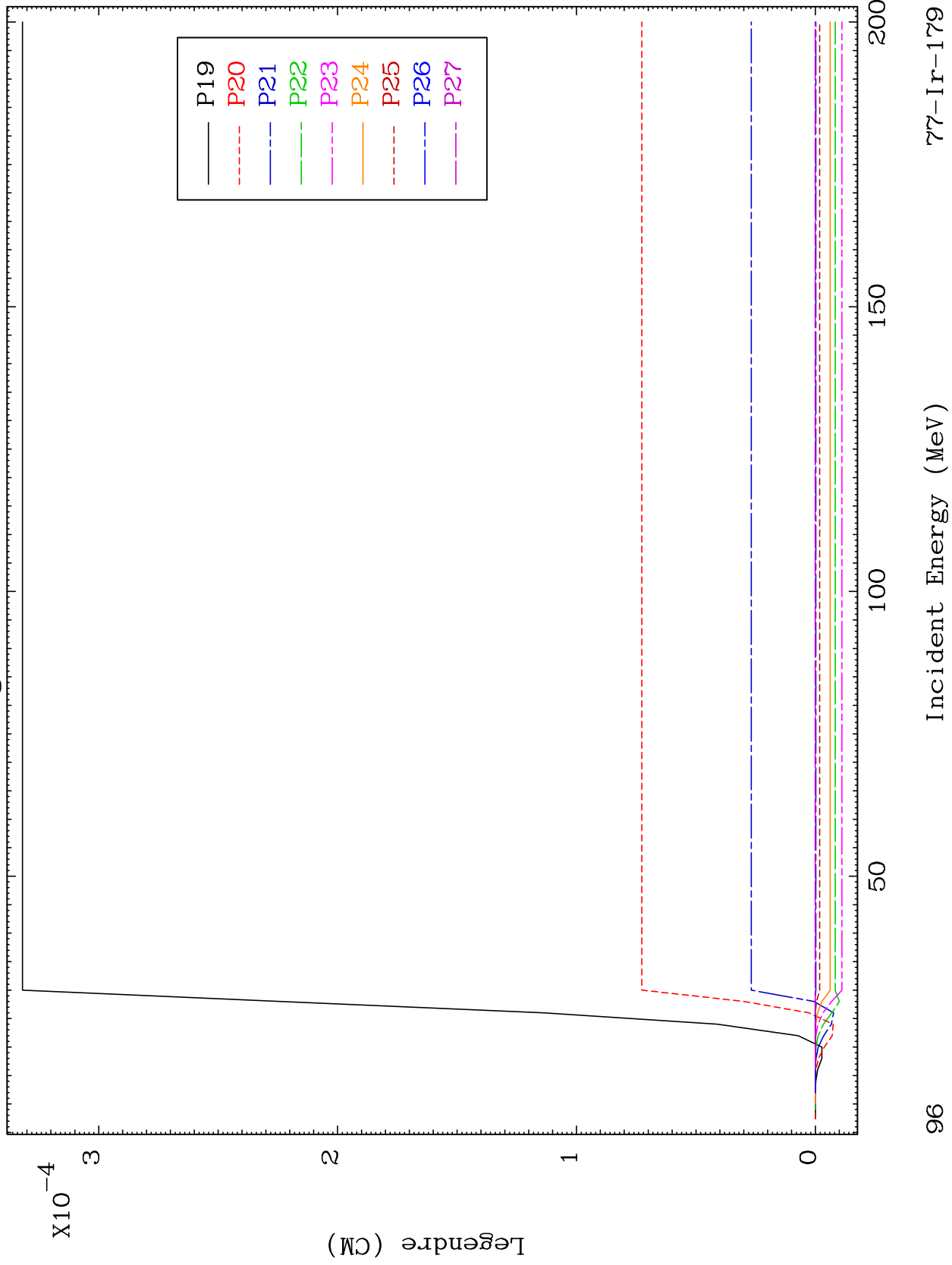
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



96

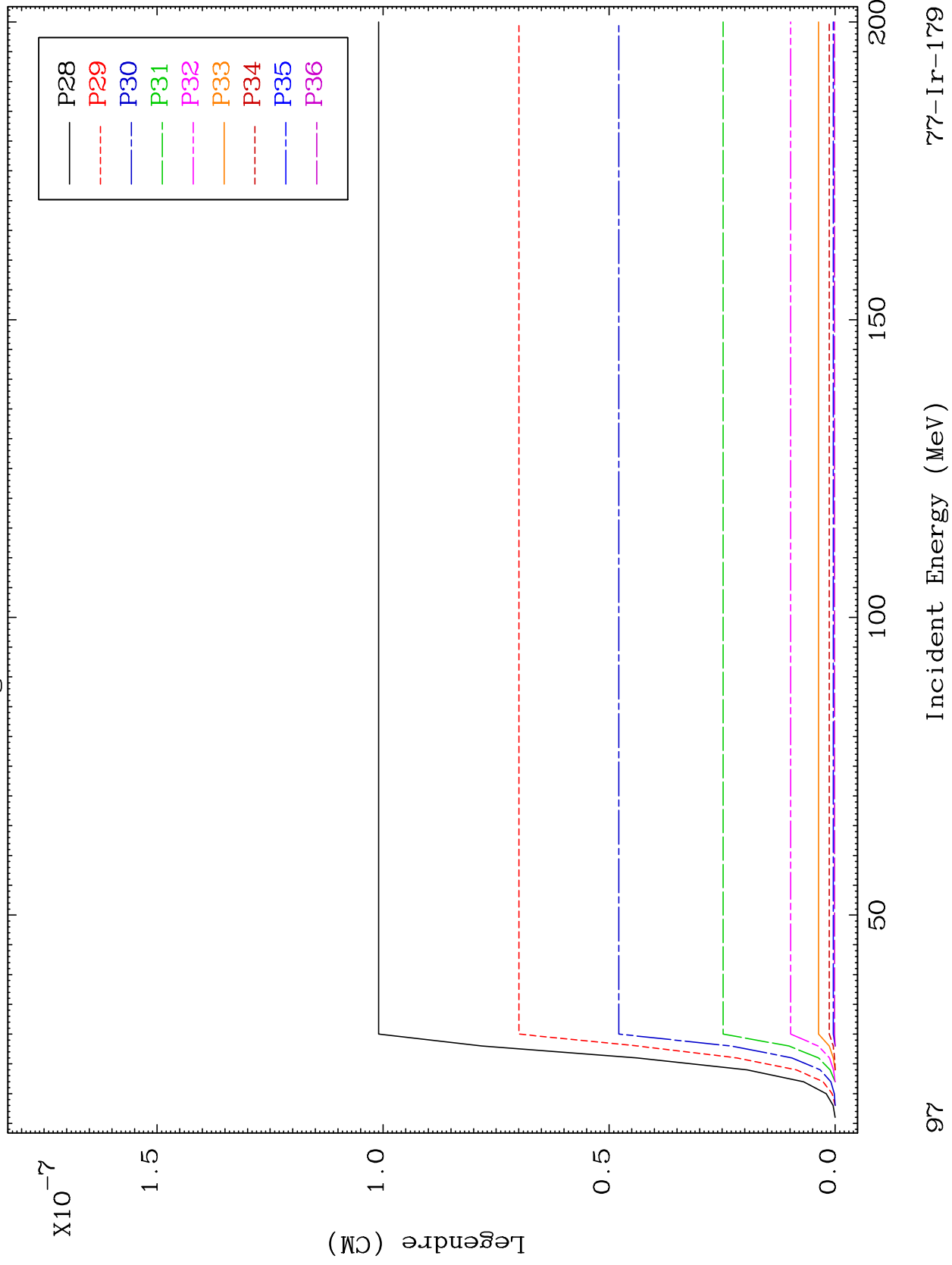
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

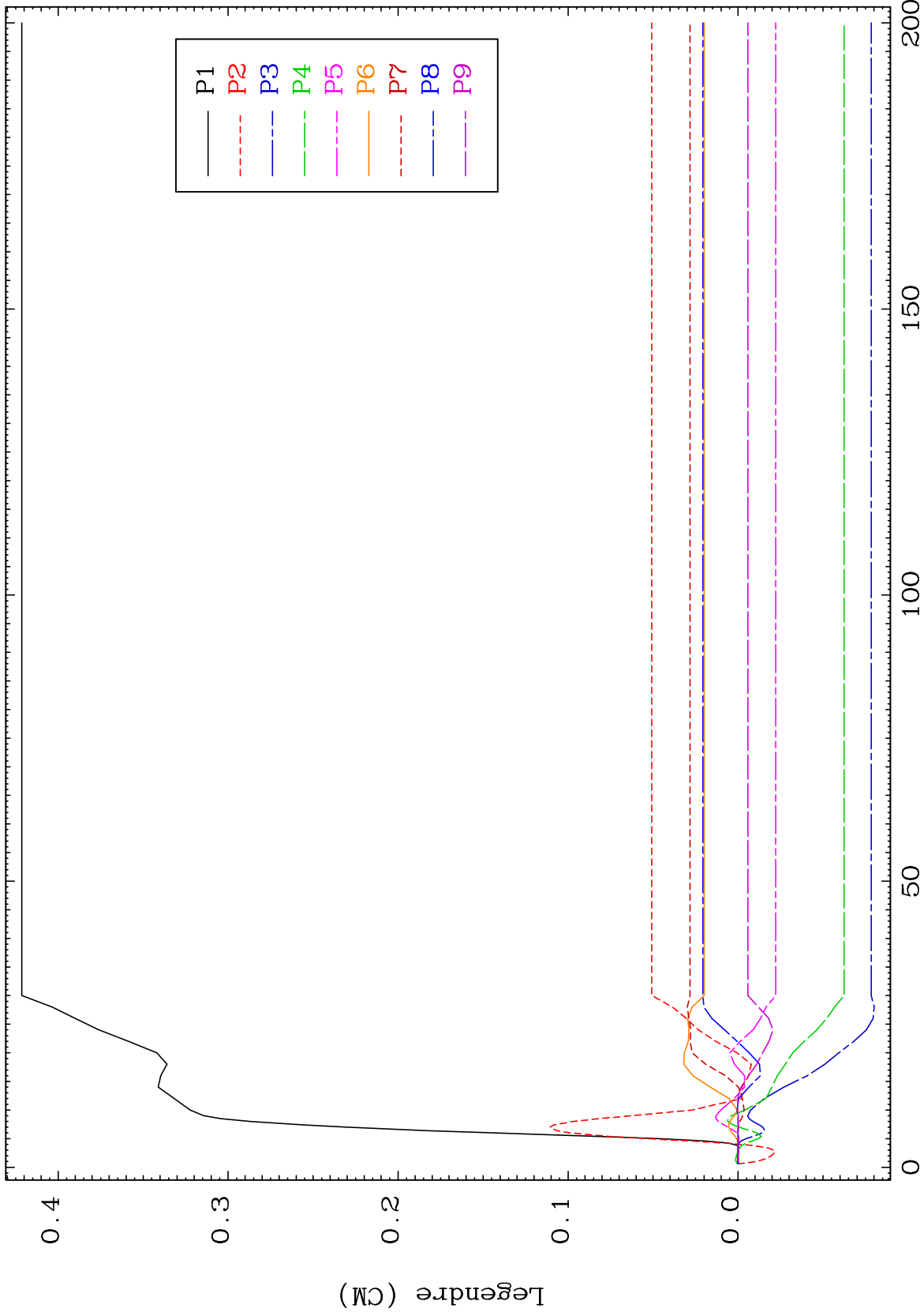
77-Ir-179



MAT 7689

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

77-Ir-179



98

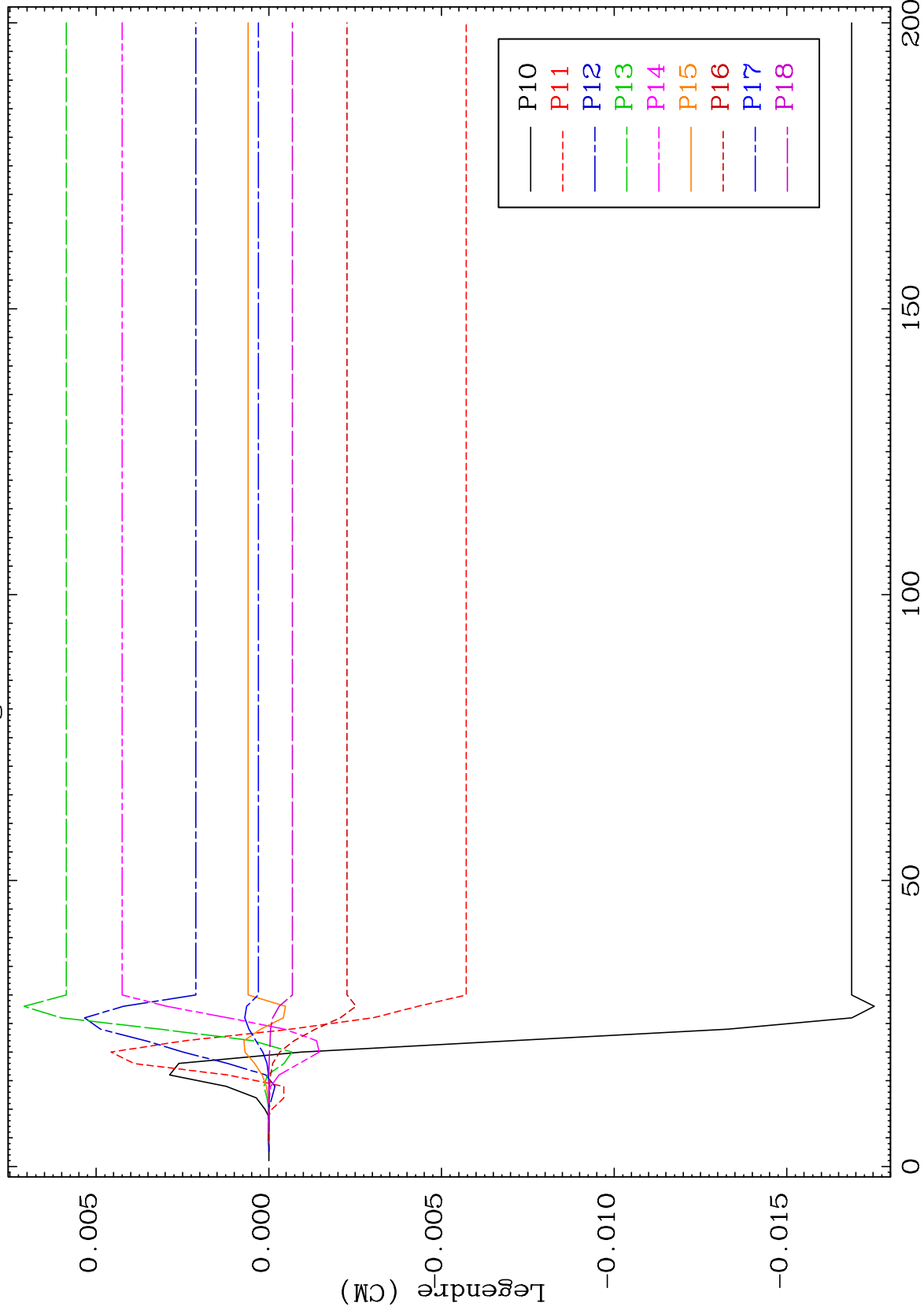
Incident Energy (MeV)

77-Ir-179

MAT 7689

77-Ir-179

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



99

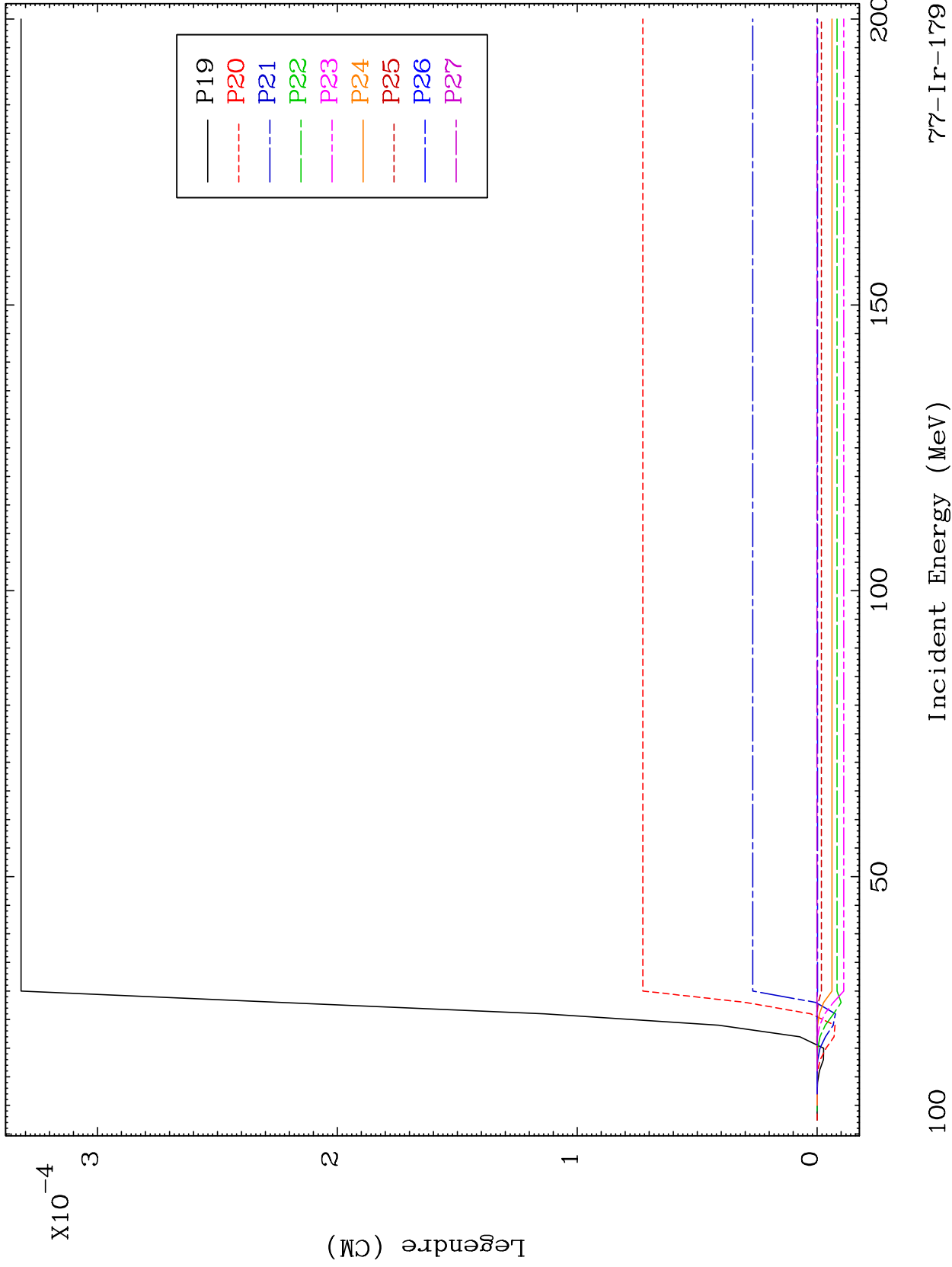
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

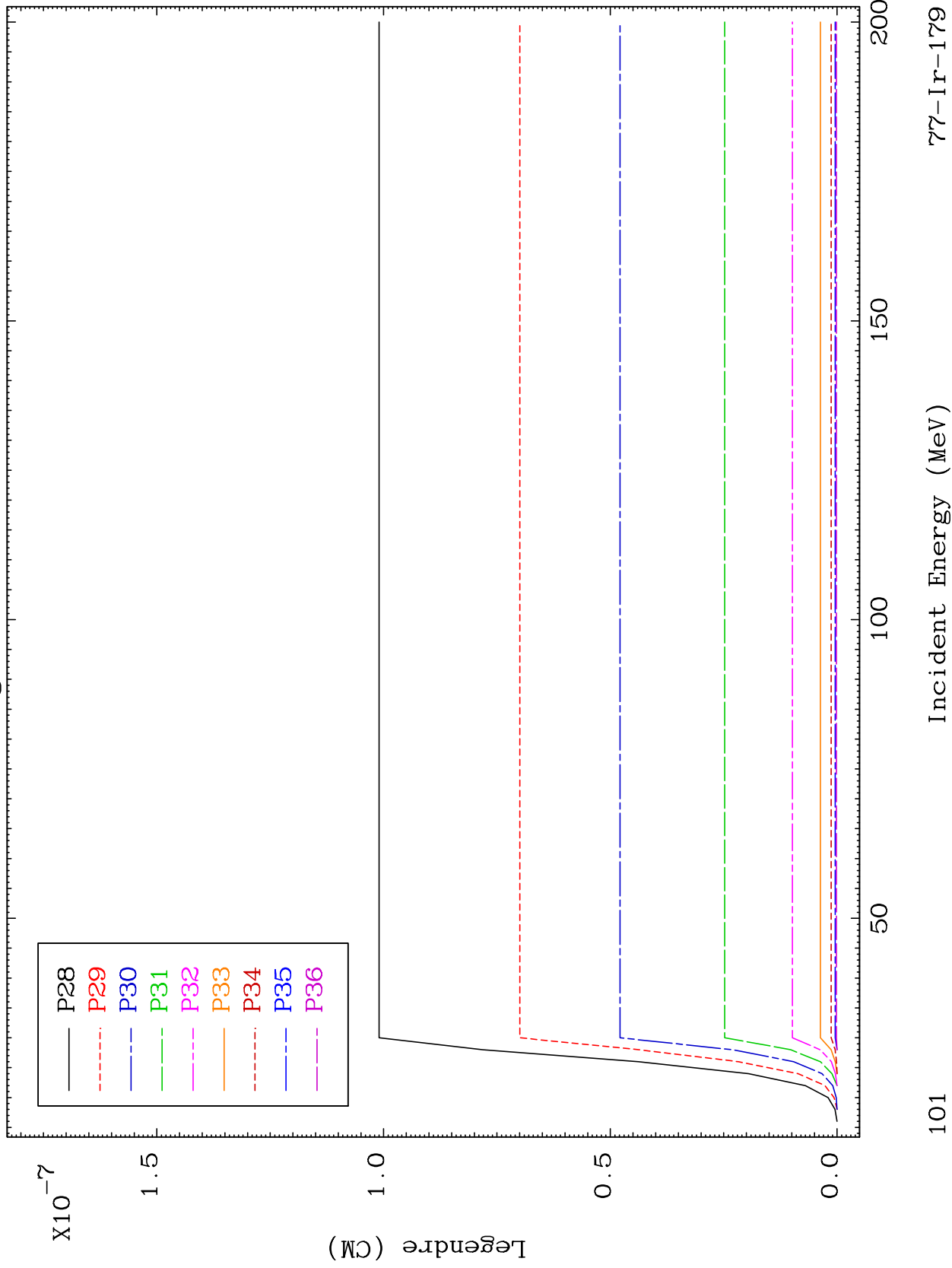
<sup>77</sup>Ir-179



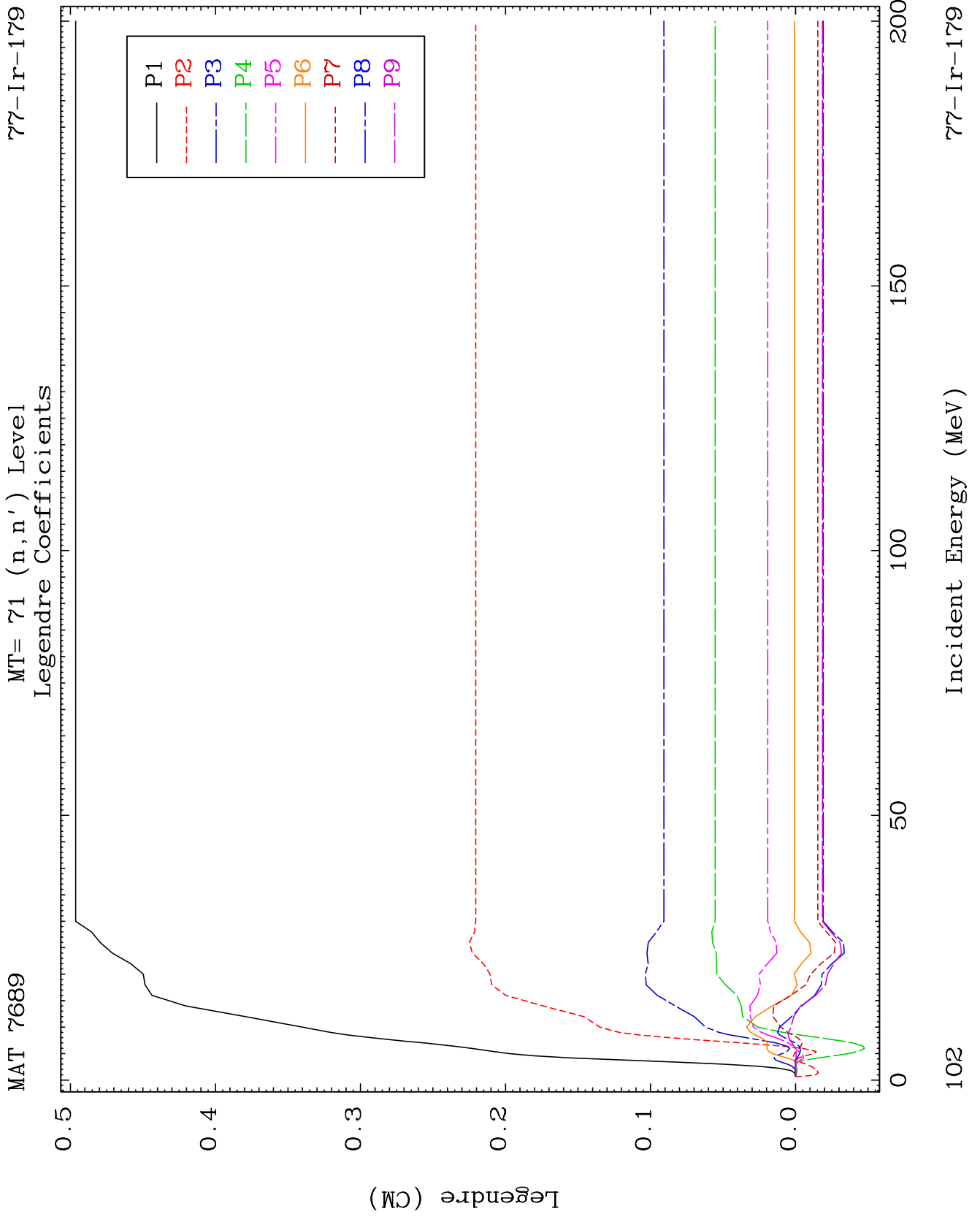
MAT 7689

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

77-Ir-179



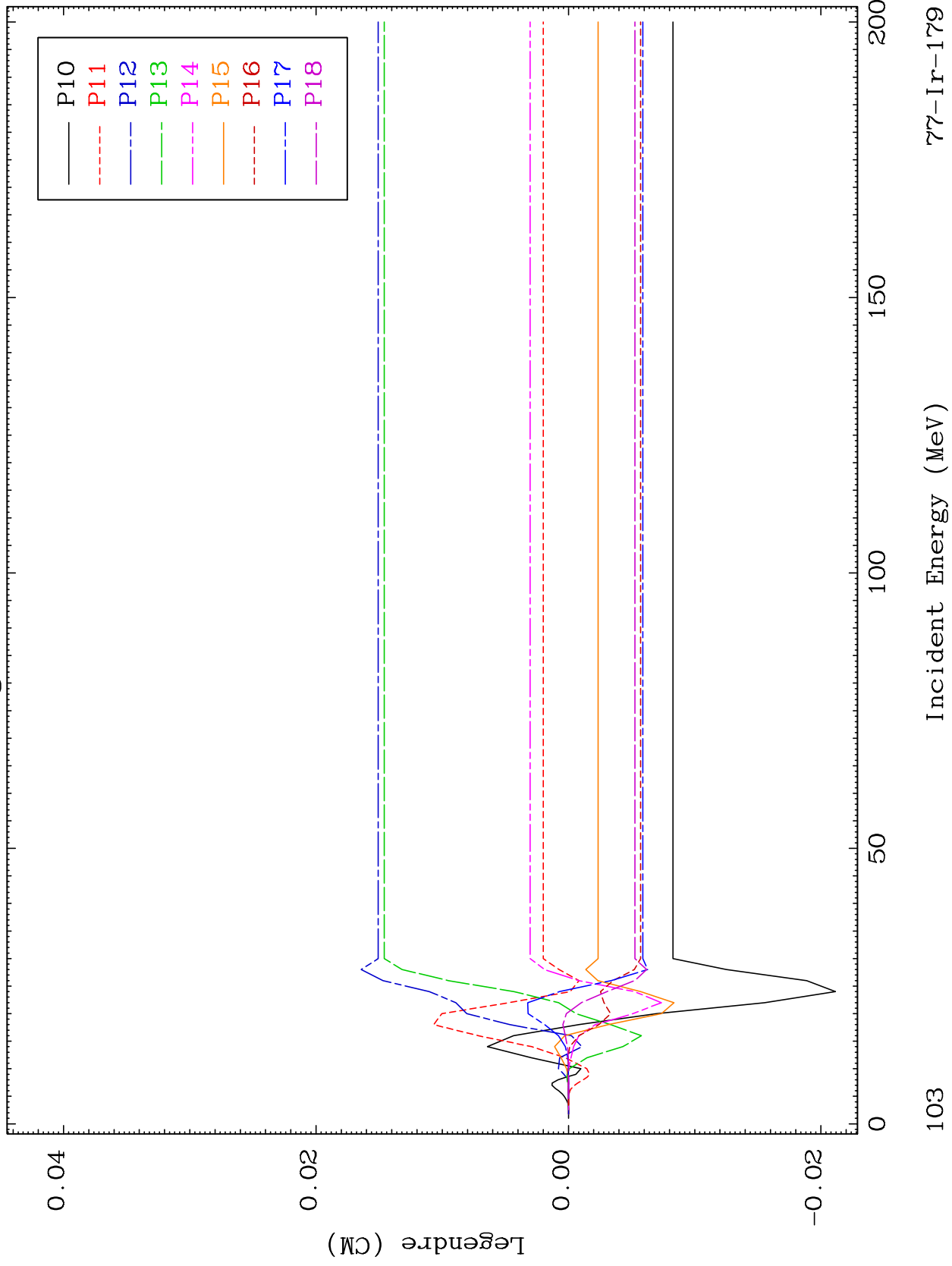
101



MAT 7689

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

77-Ir-179



77-Ir-179

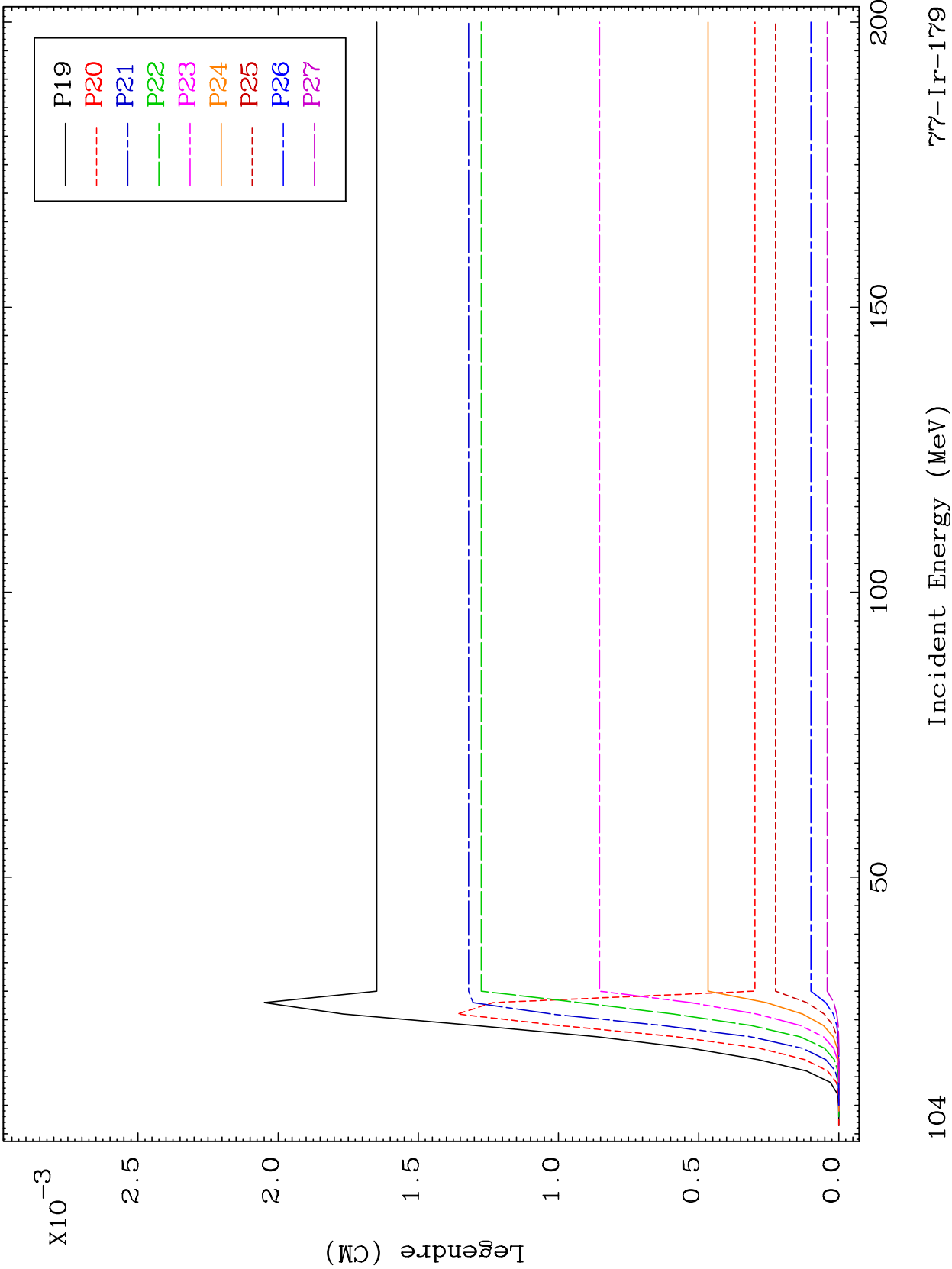
Incident Energy (MeV)

103

MAT 7689

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

77-Ir-179



104

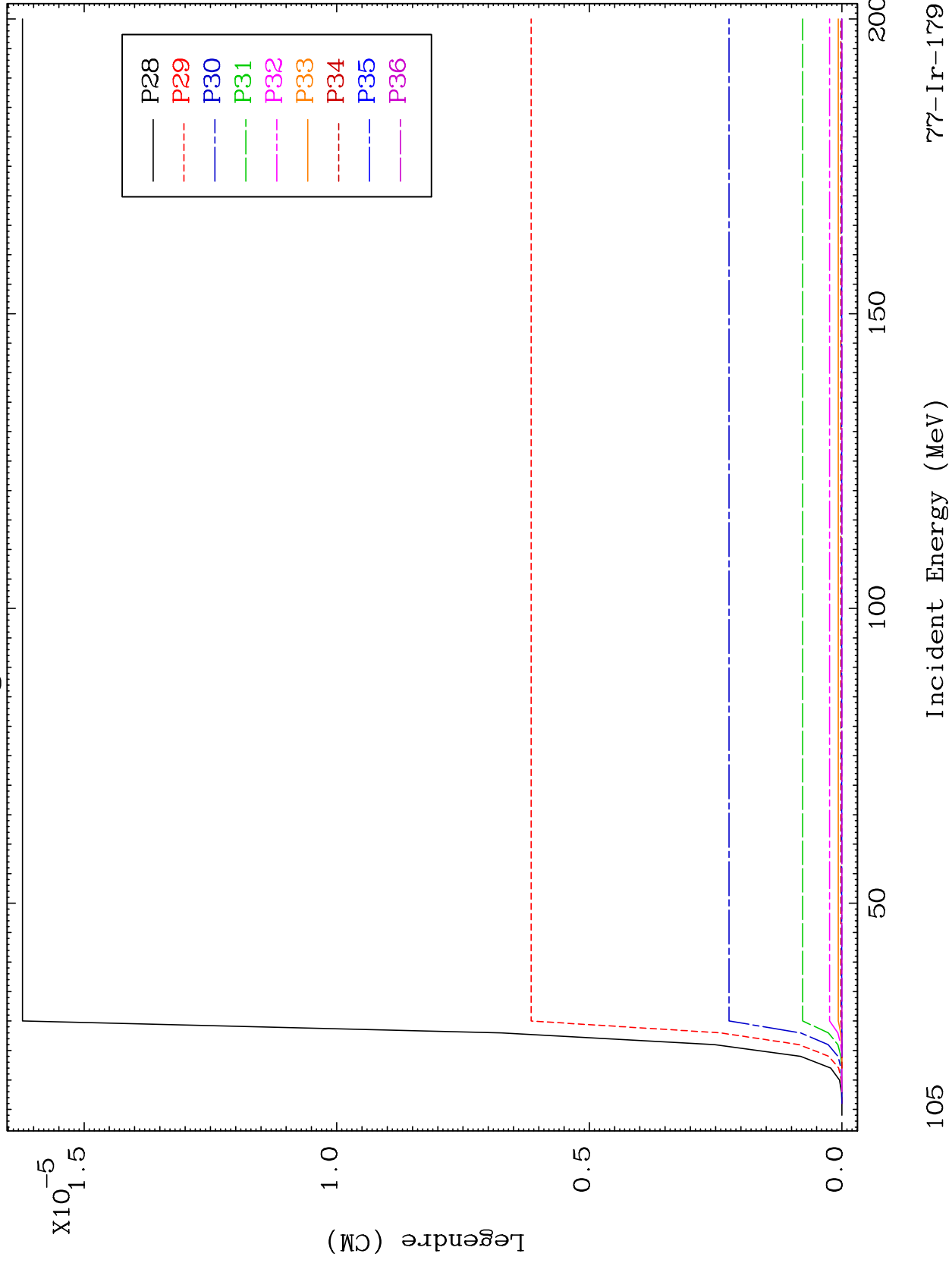
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

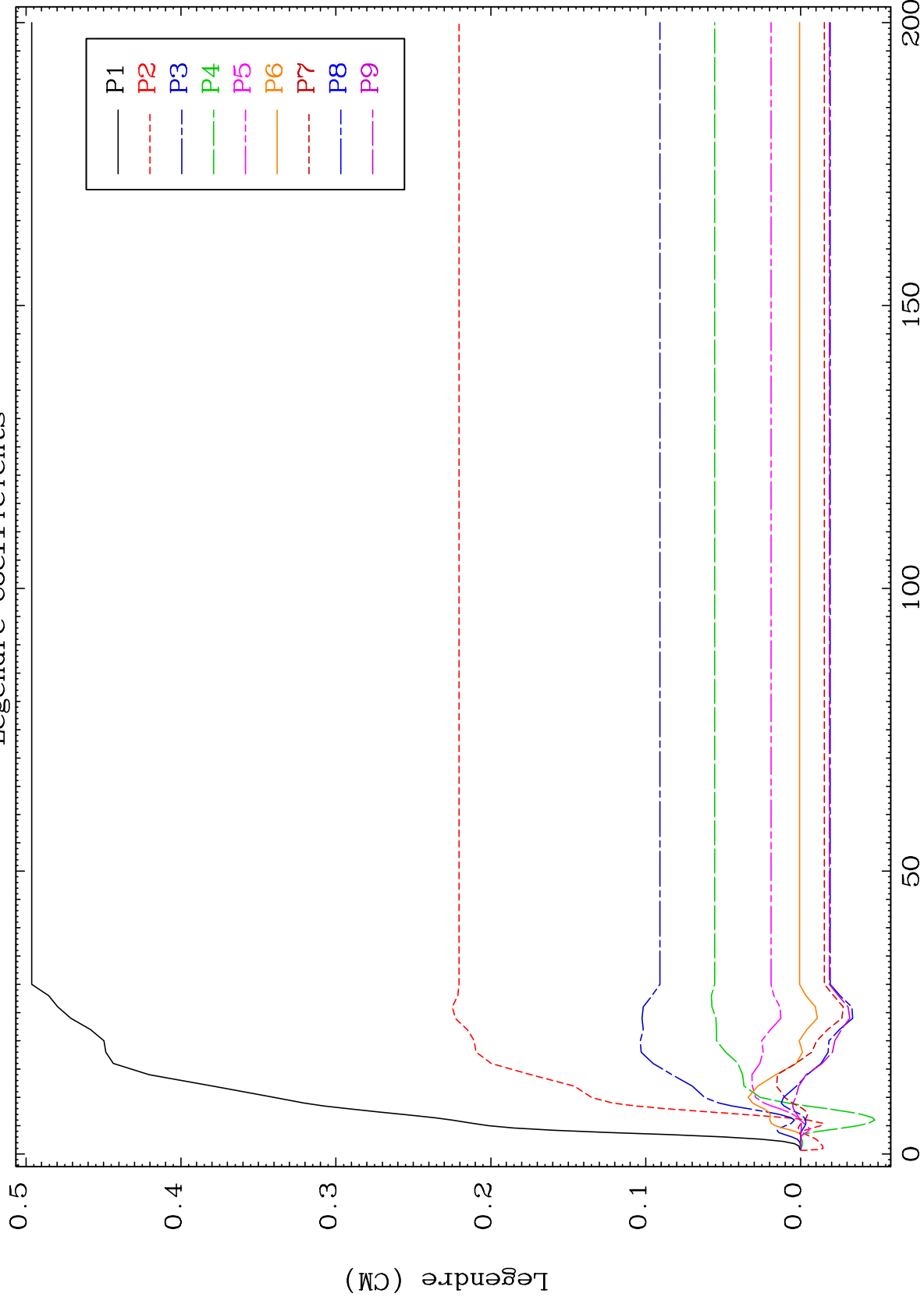
77-Ir-179



MAT 7689

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

77-Ir-179



77-Ir-179

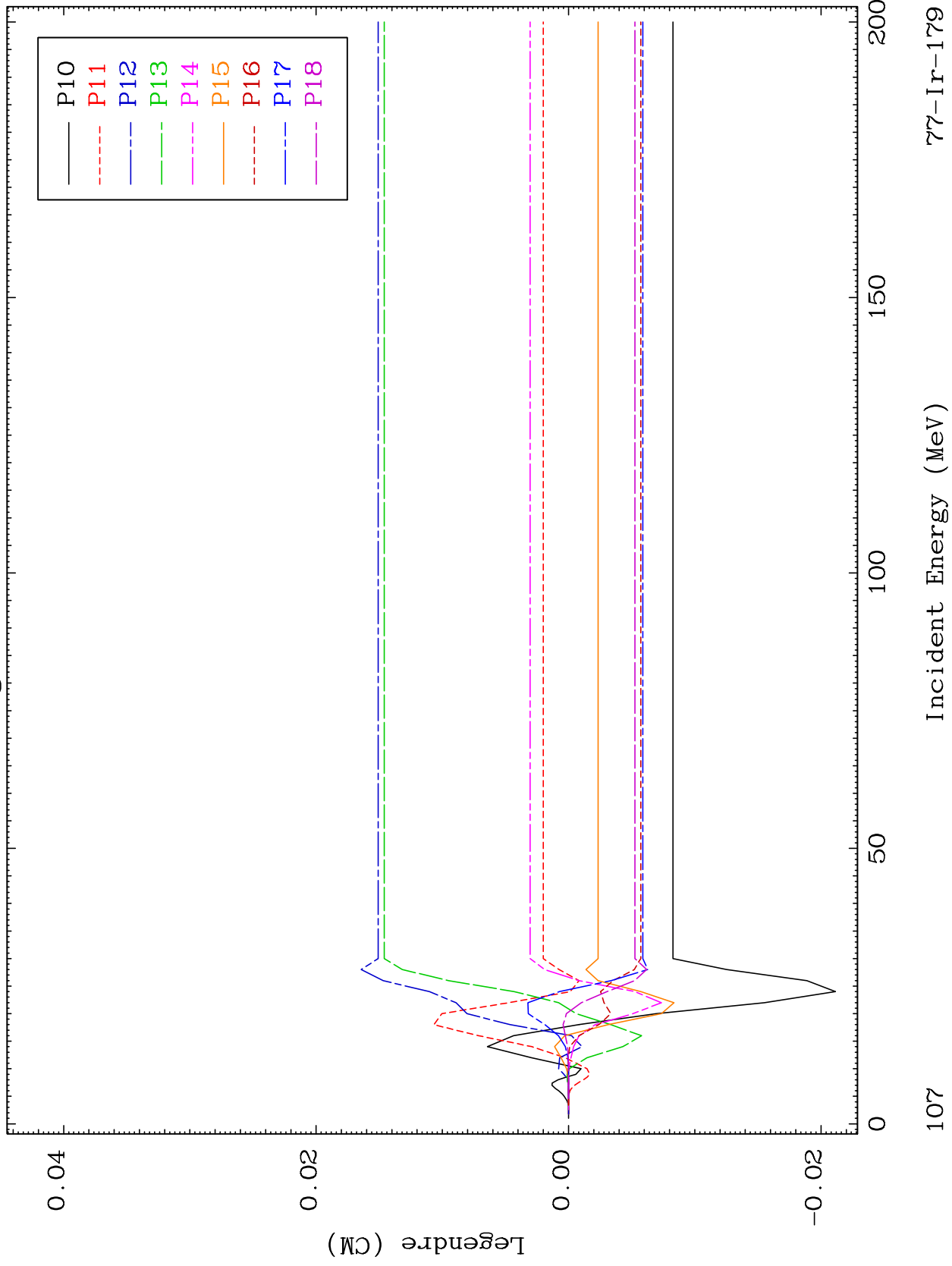
Incident Energy (MeV)

106

MAT 7689

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

77-Ir-179



77-Ir-179

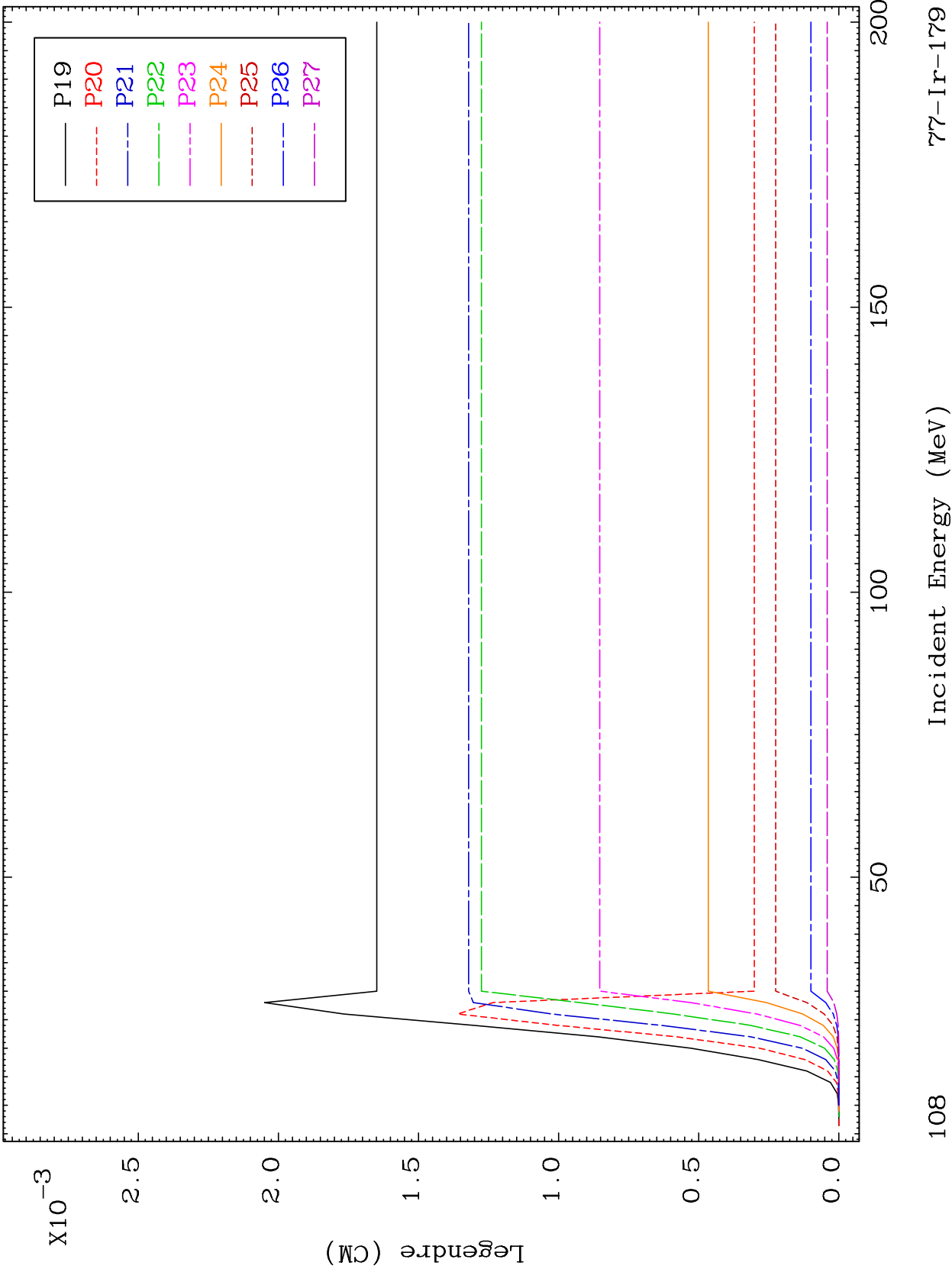
Incident Energy (MeV)

107

MAT 7689

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

77-Ir-179



108

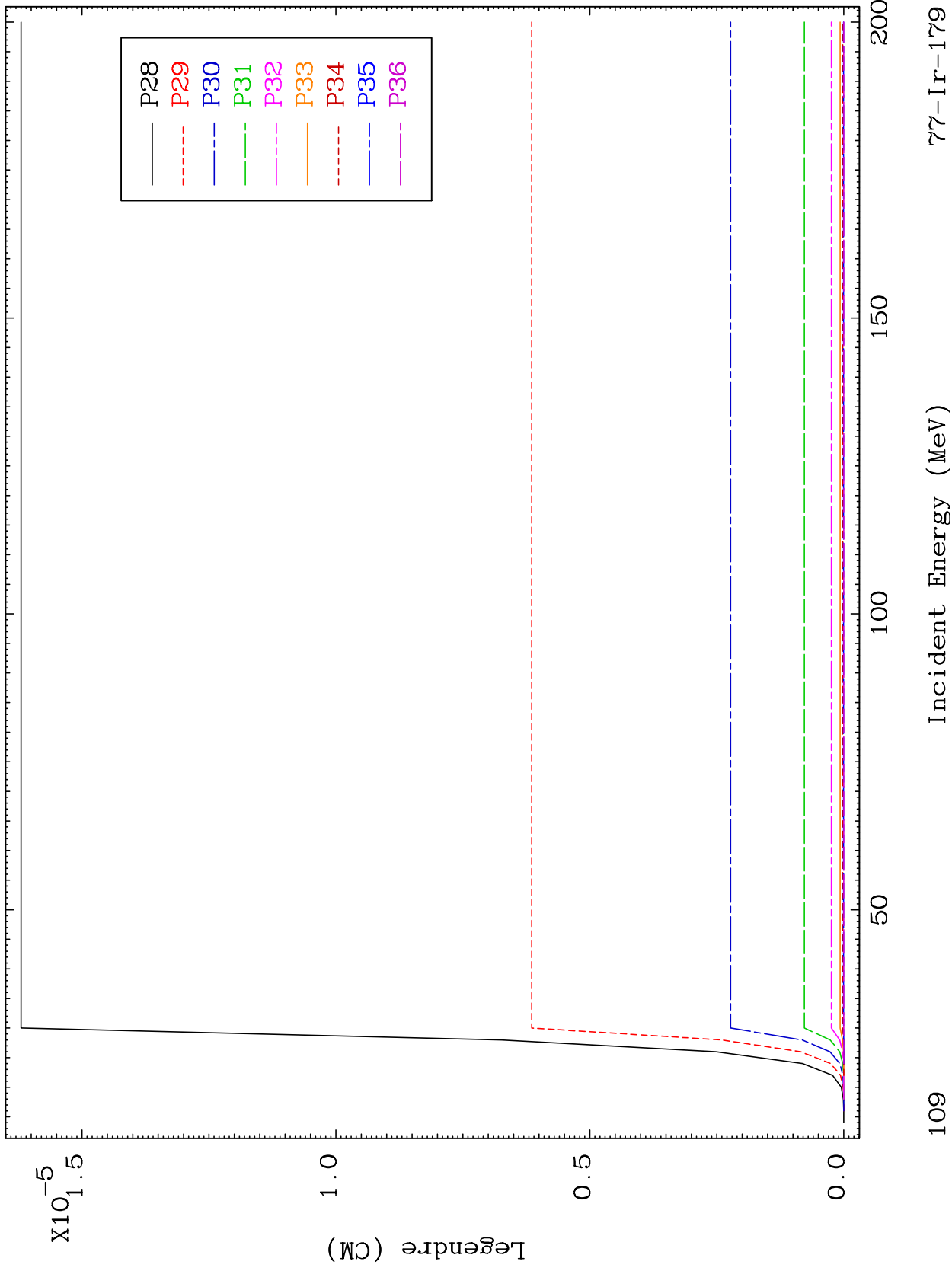
Incident Energy (MeV)

77-Ir-179

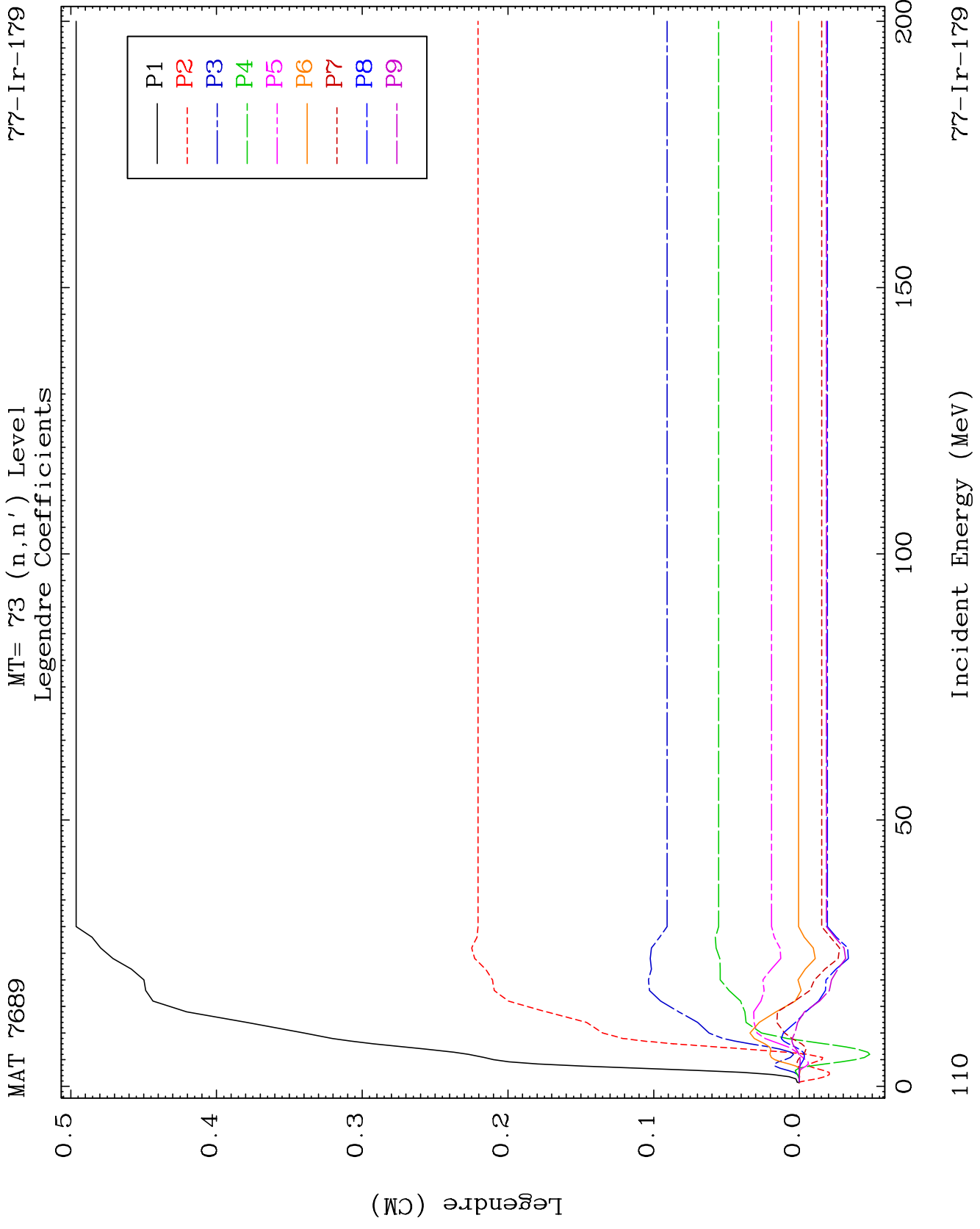
MAT 7689

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

77-Ir-179



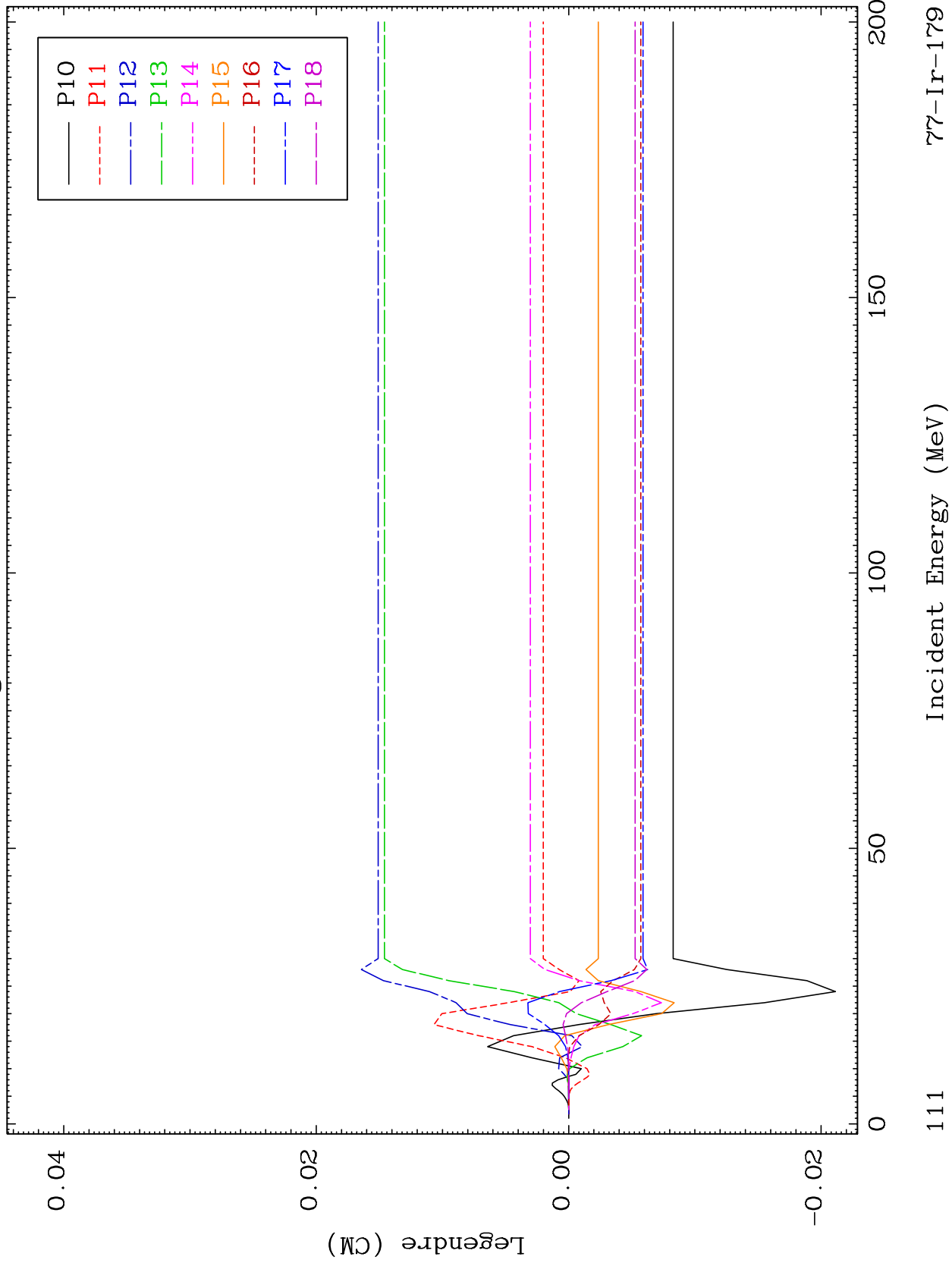
109



MAT 7689

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

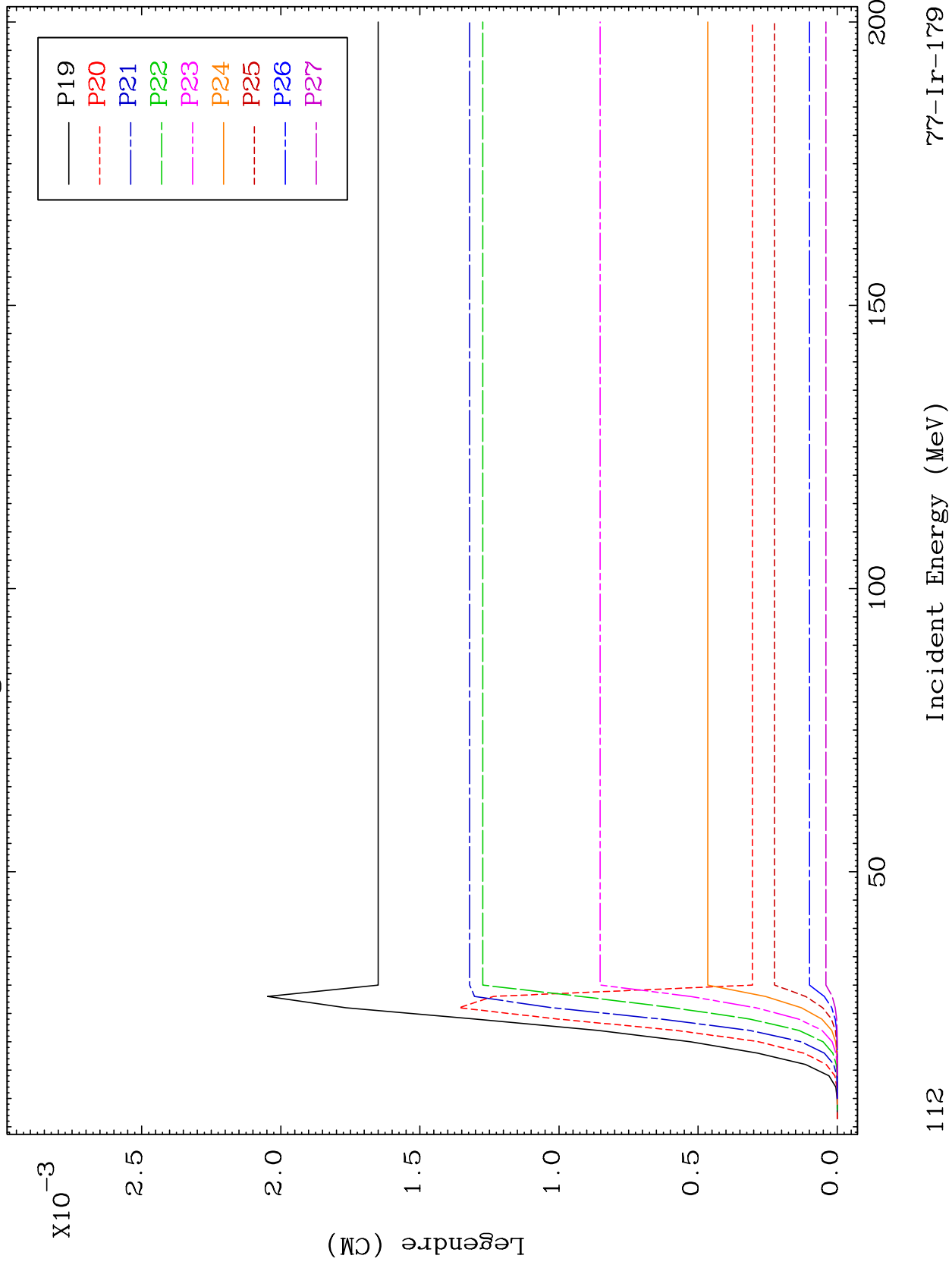
77-Ir-179



MAT 7689

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

77-Ir-179



112

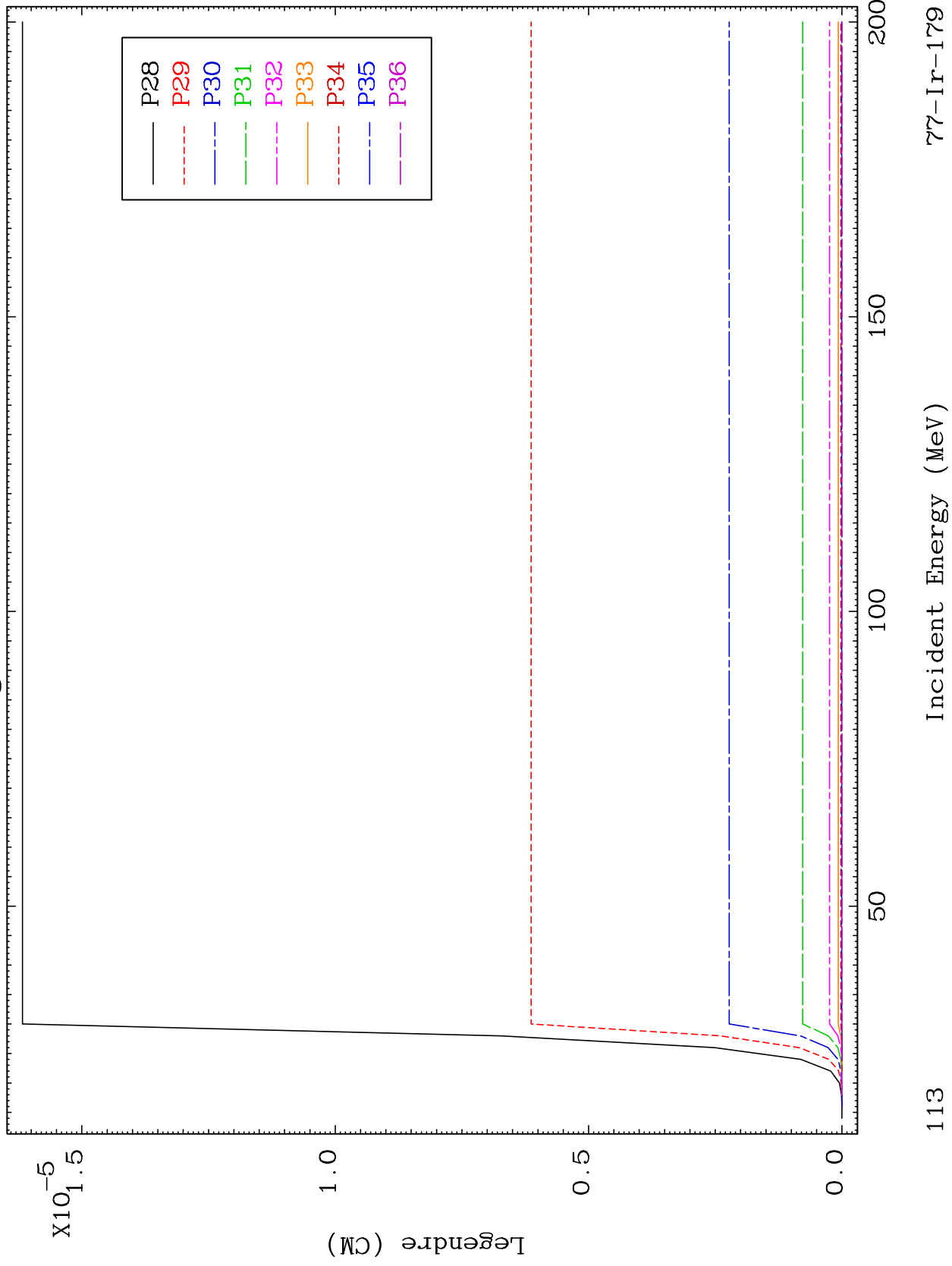
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



113

Incident Energy (MeV)

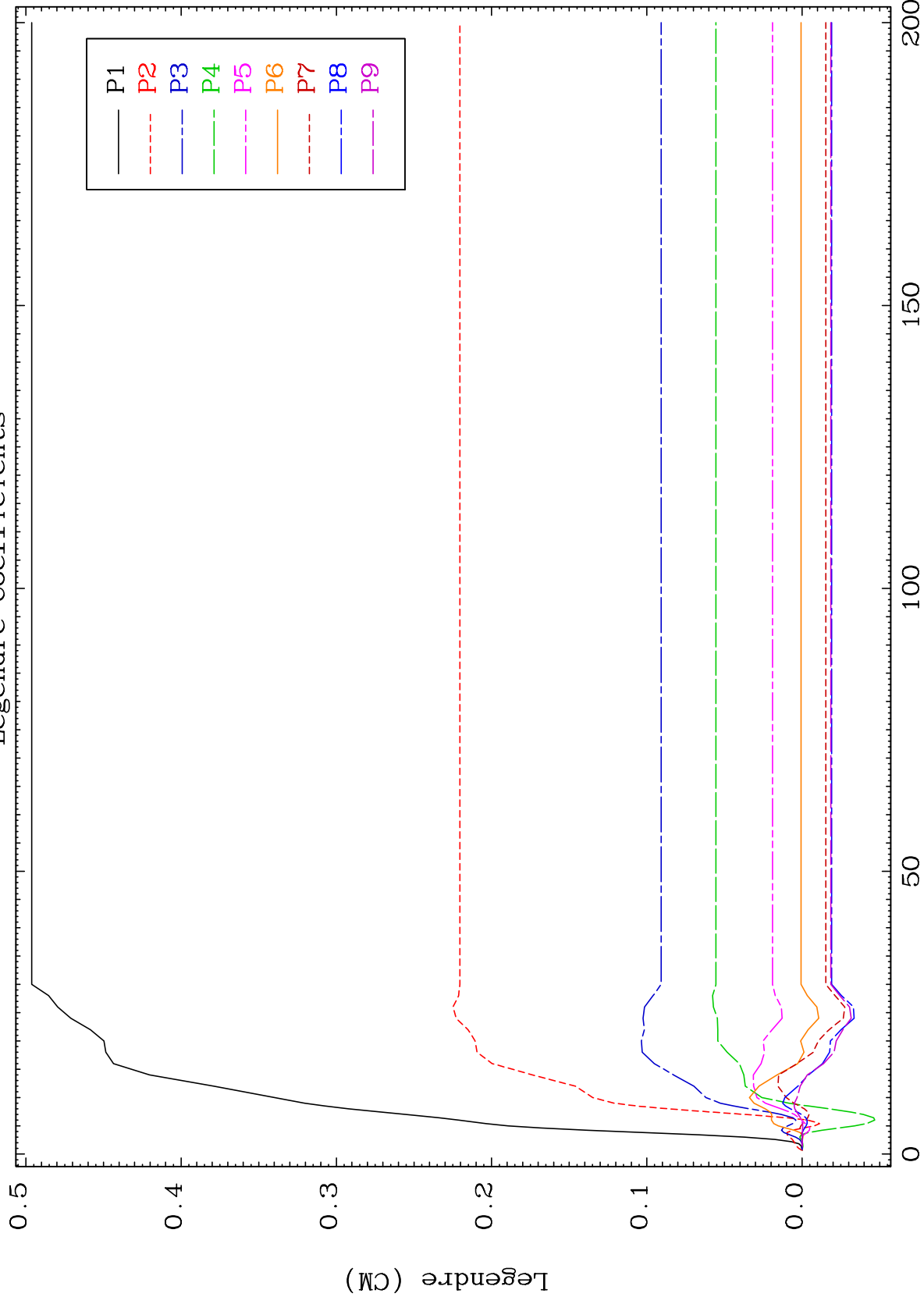
77-Ir-179

MAT 7689

MT= 74 (n,n') Level

77-Ir-179

Legendre Coefficients

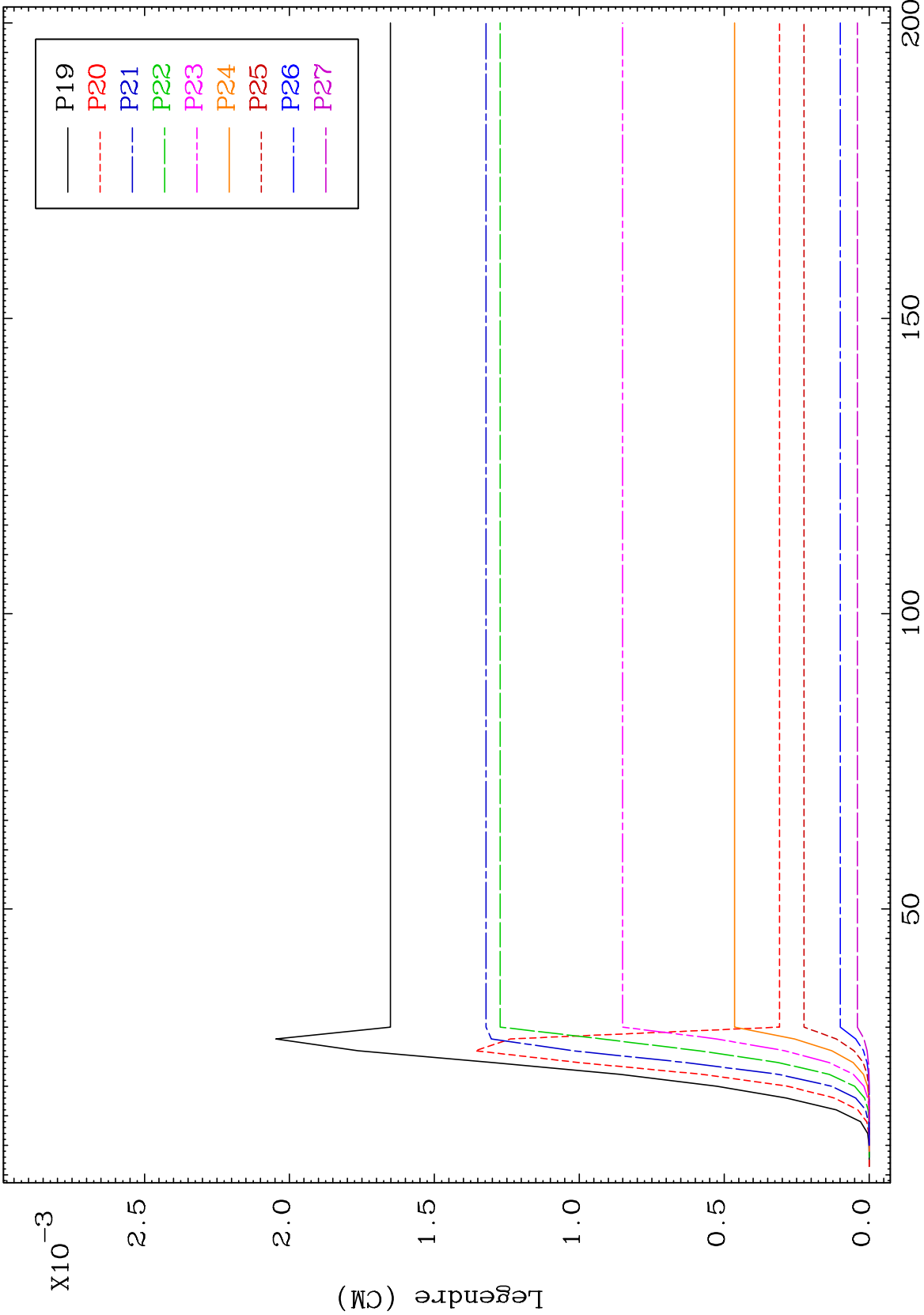


114

Incident Energy (MeV)

77-Ir-179

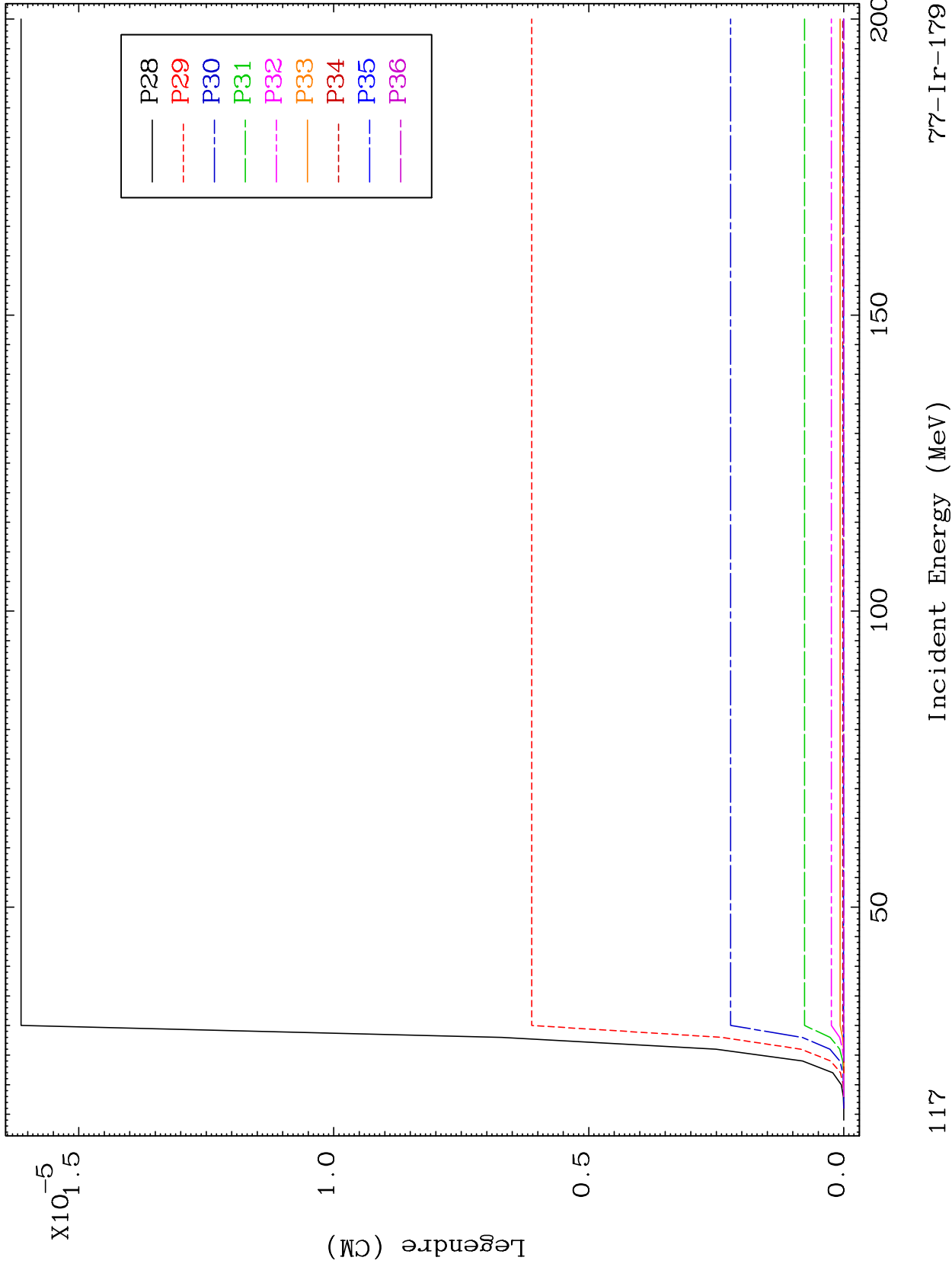




MAT 7689

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

77-Ir-179

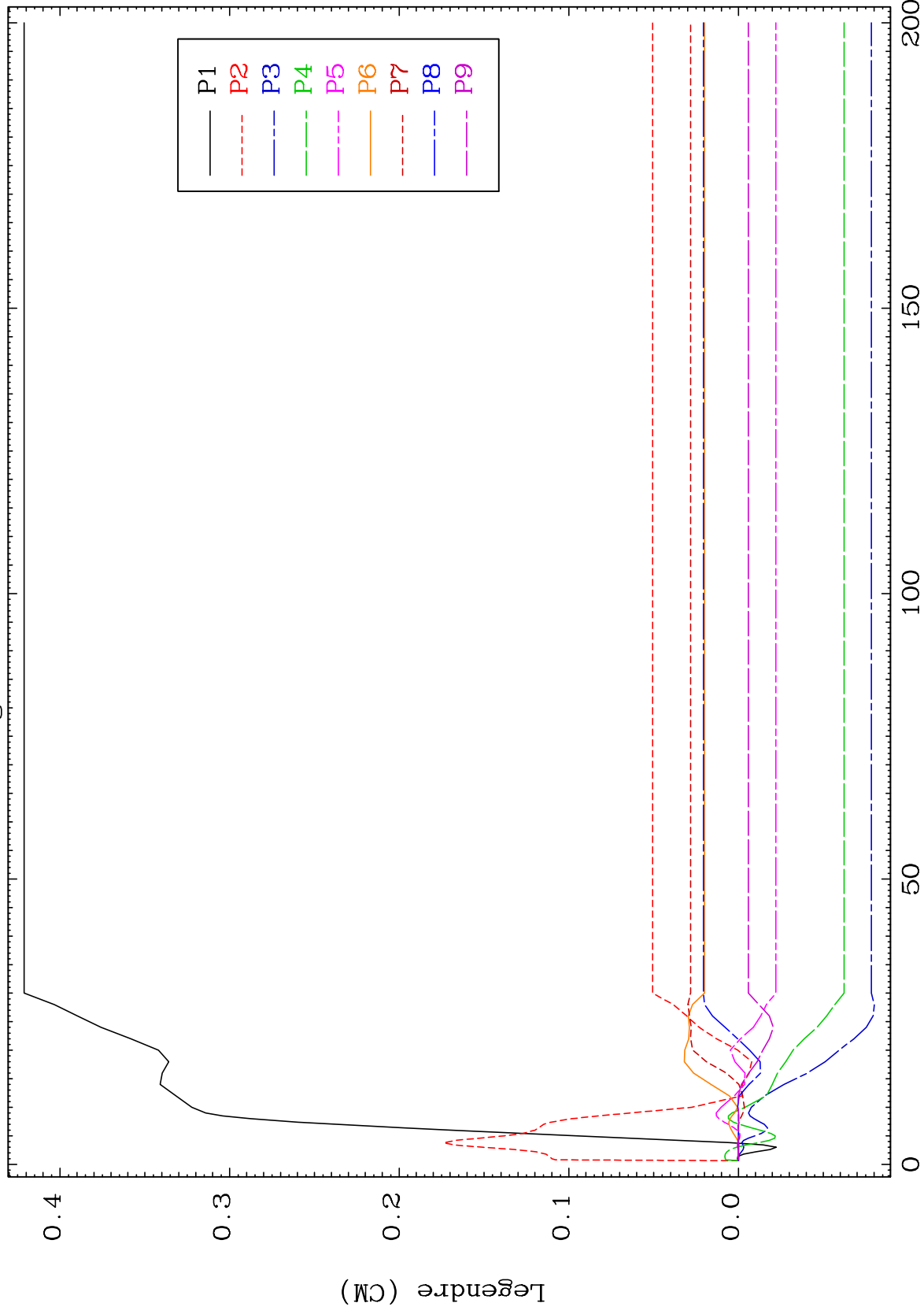


117

MAT 7689

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

77-Ir-179



118

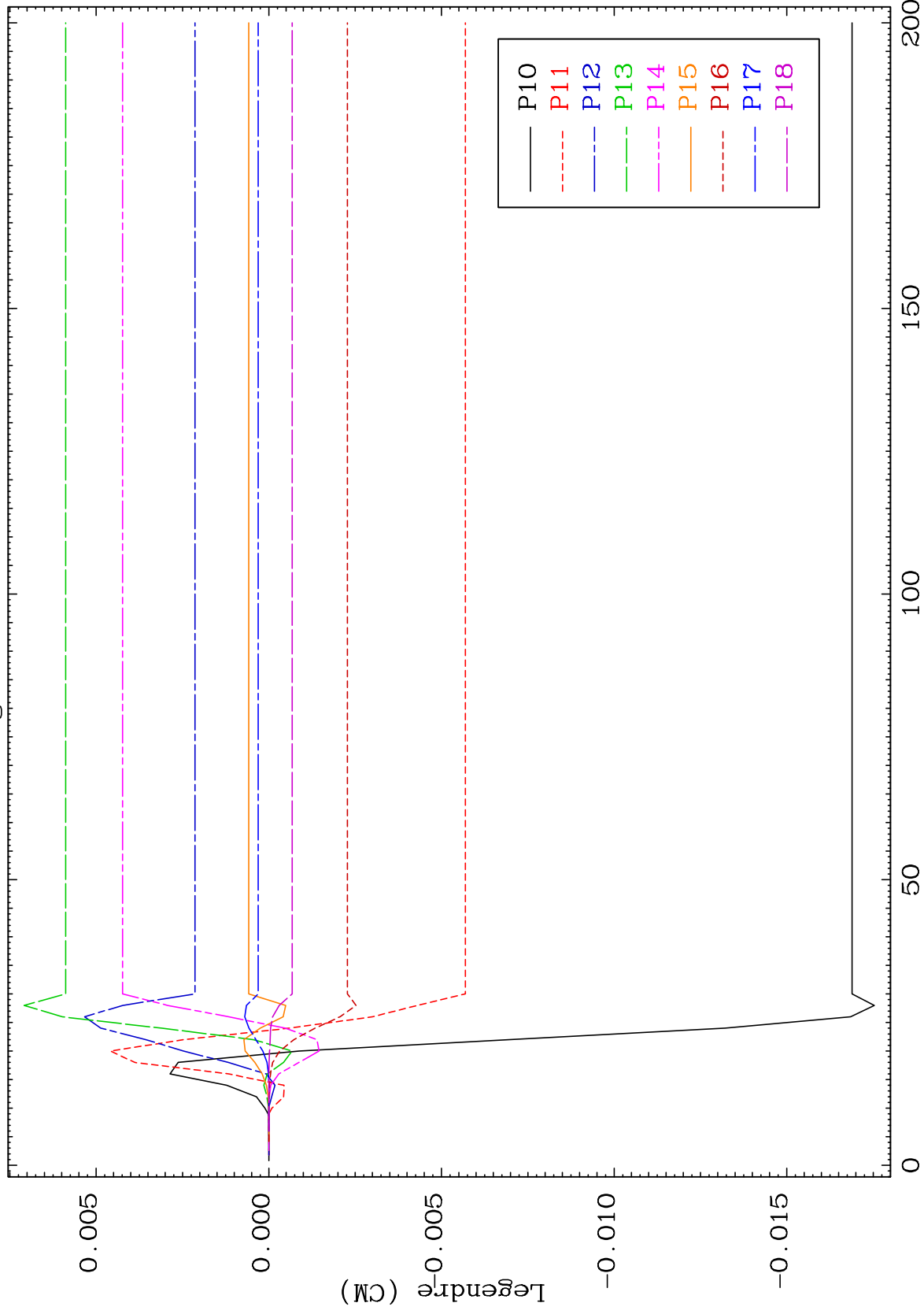
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



119

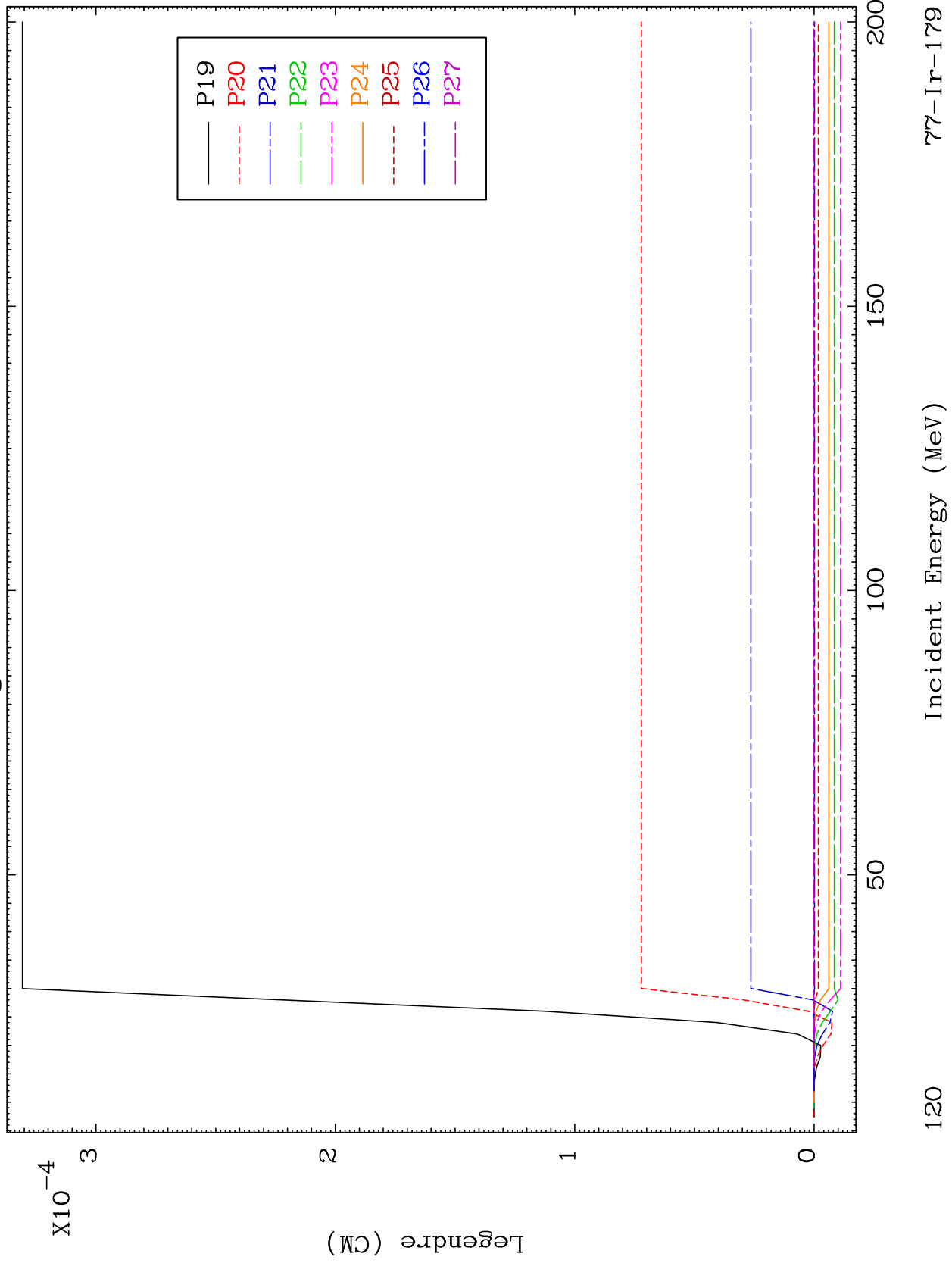
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

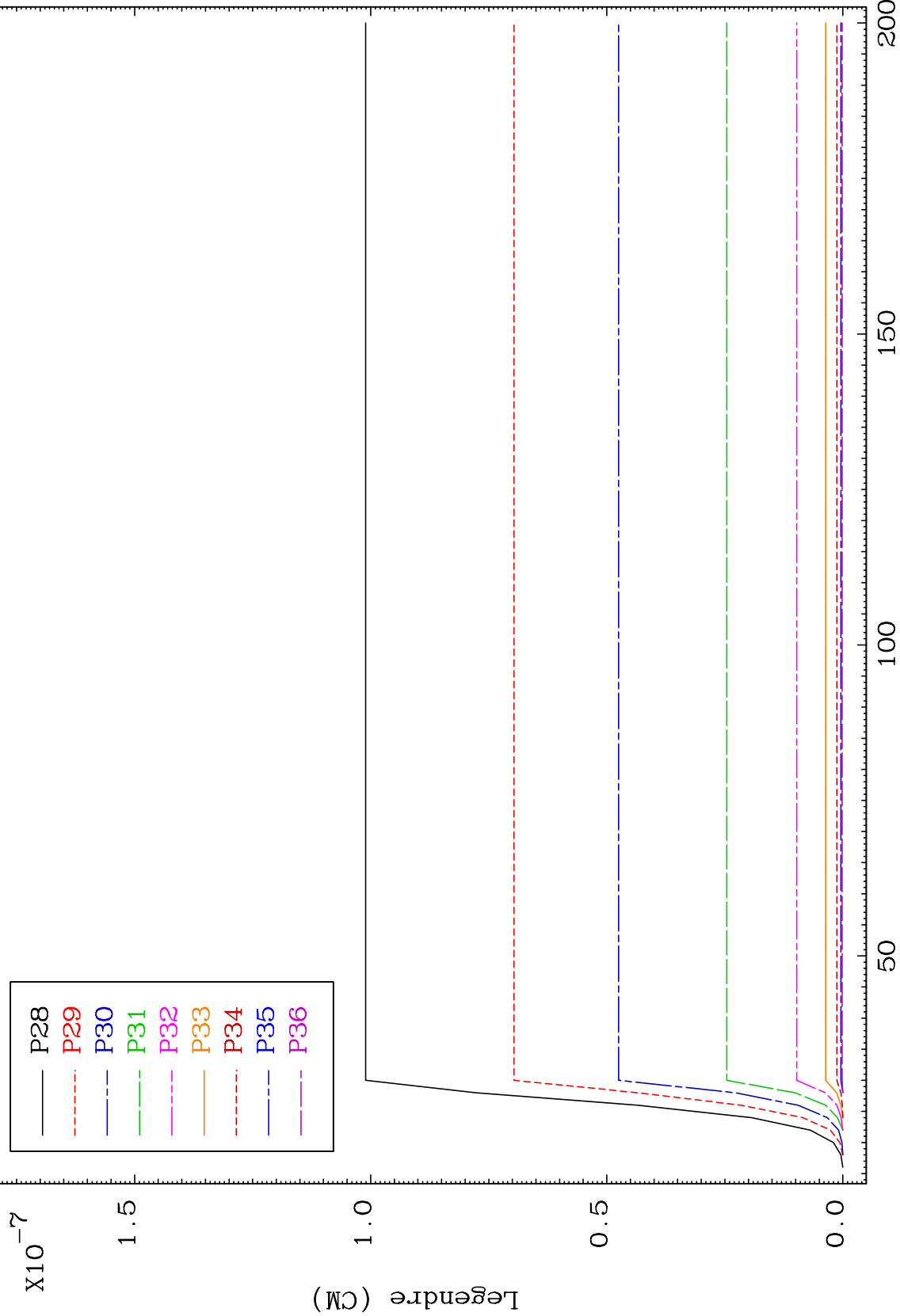
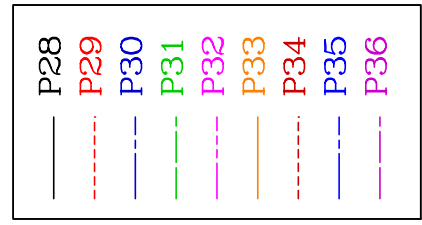
77-Ir-179



MAT 7689

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

77-Ir-179



121

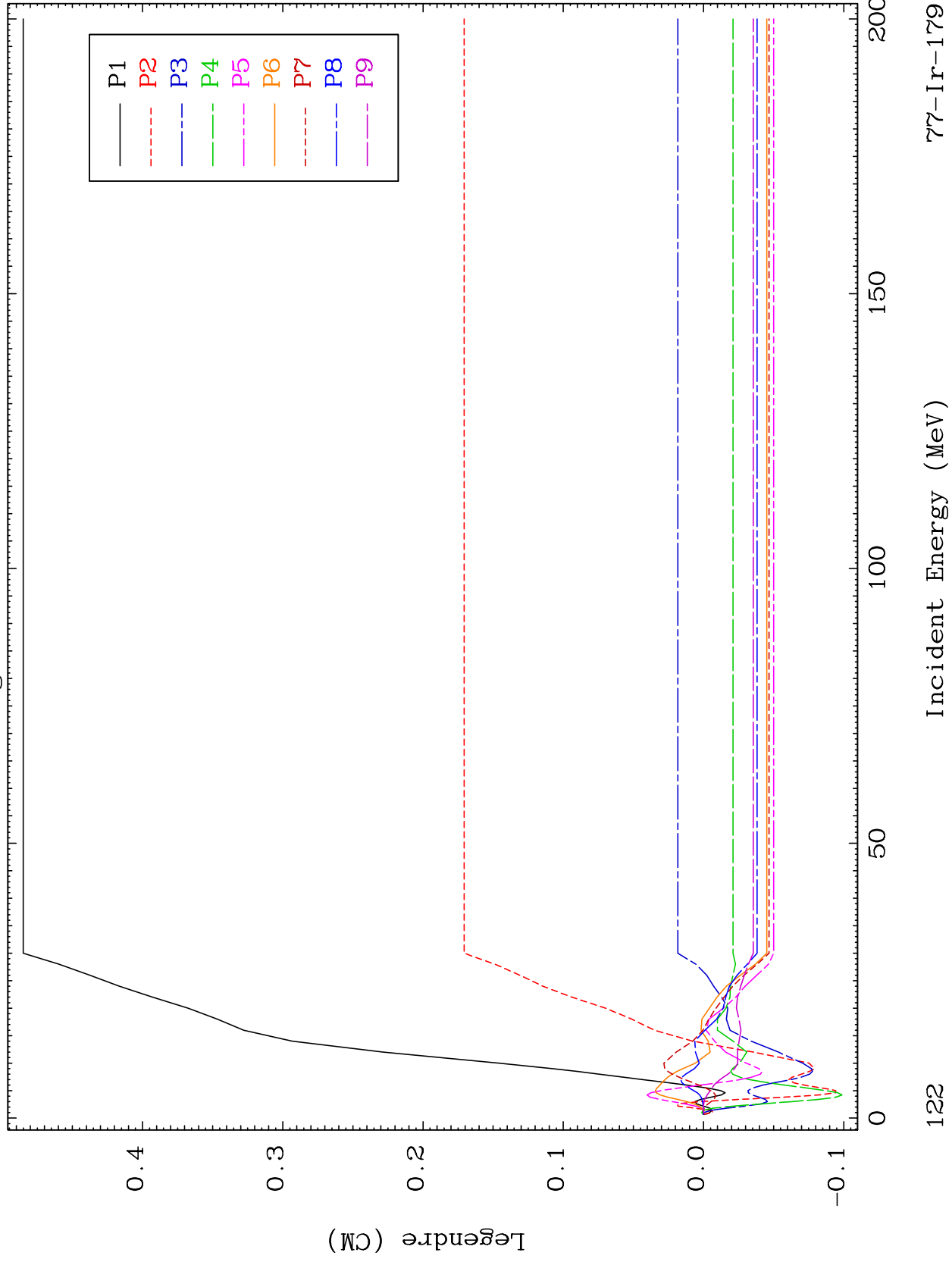
Incident Energy (MeV)

77-Ir-179

MAT 7689

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

77-Ir-179



77-Ir-179

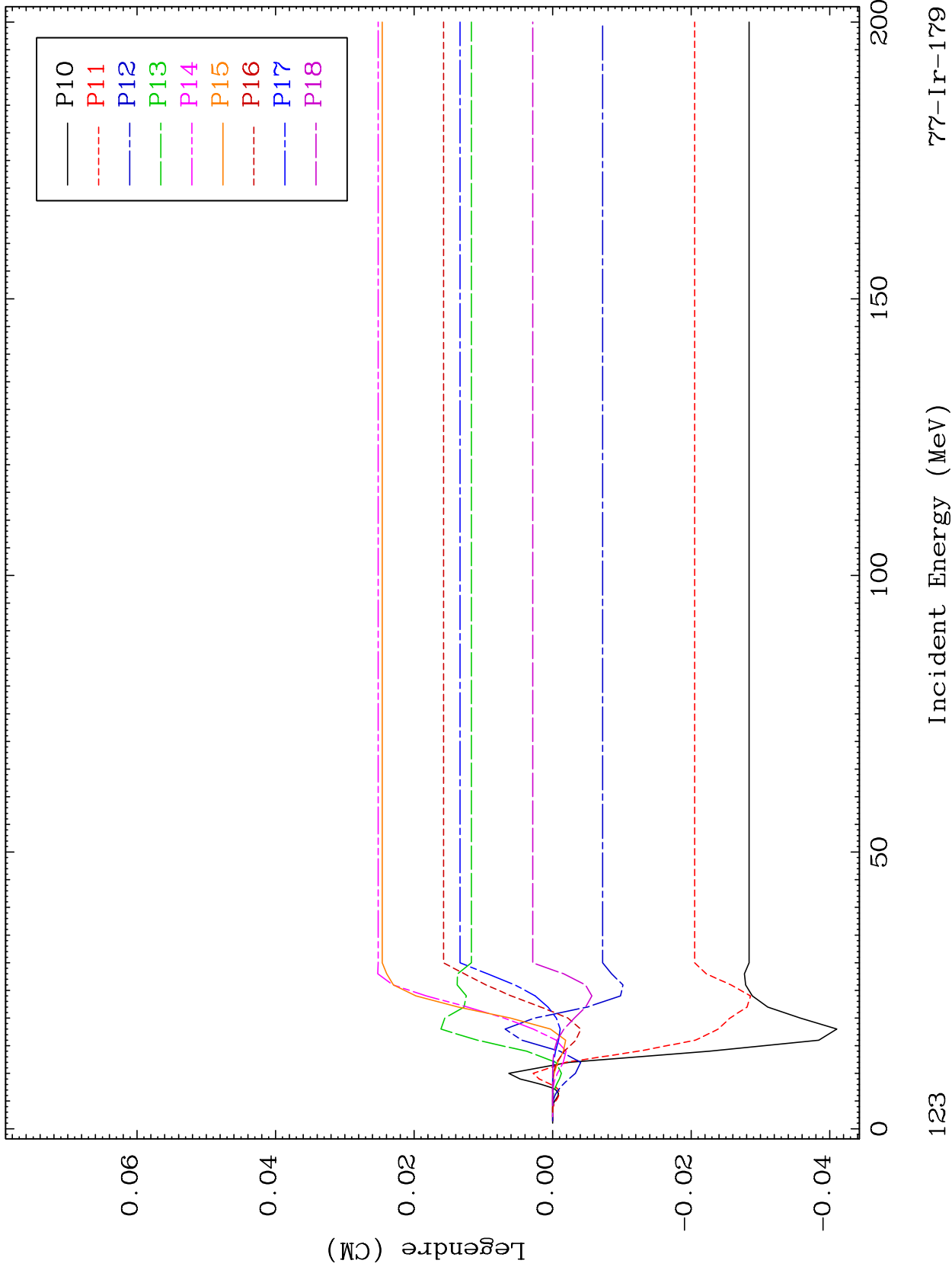
Incident Energy (MeV)

122

MAT 7689

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

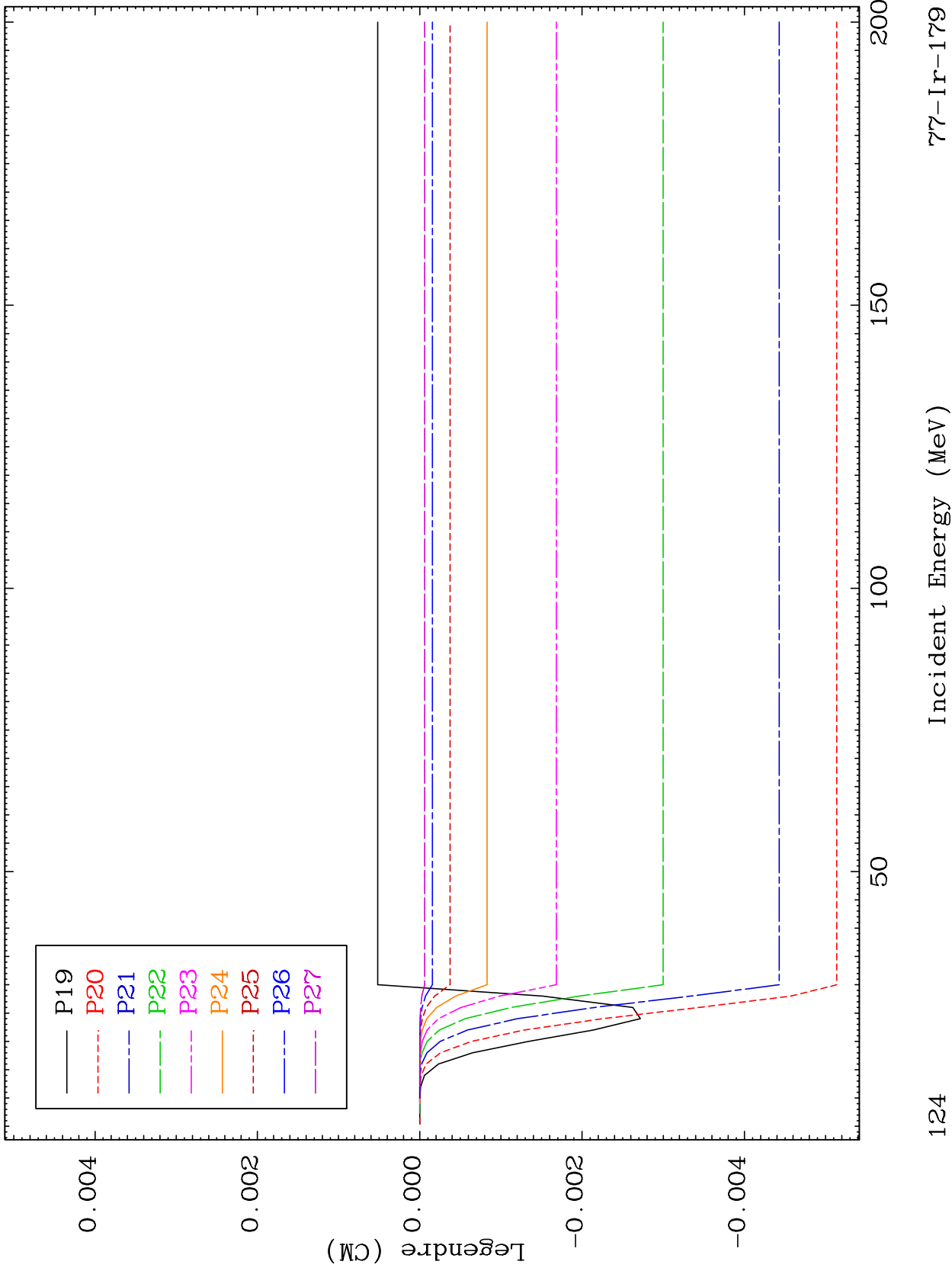
77-Ir-179

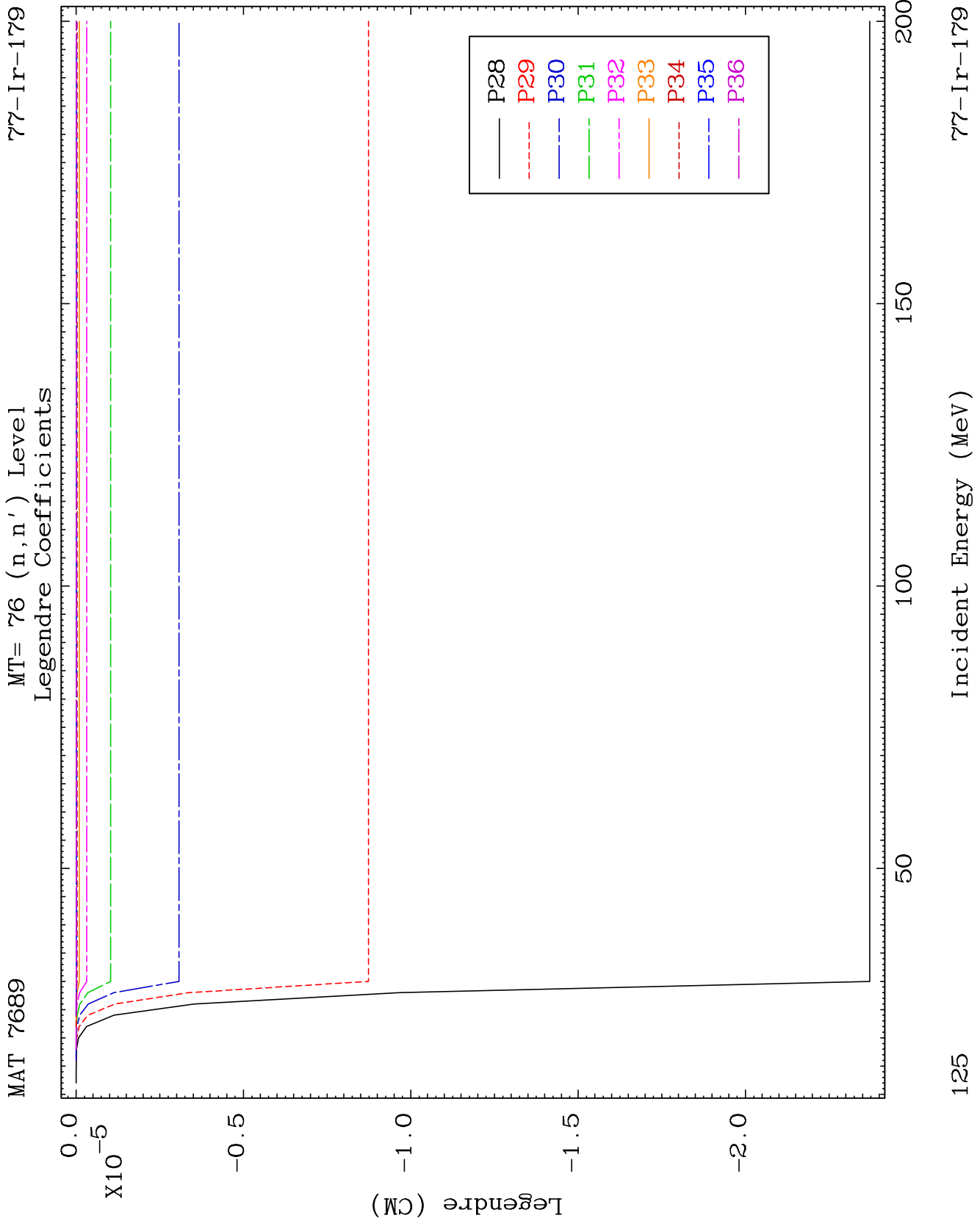


123

Incident Energy (MeV)

77-Ir-179

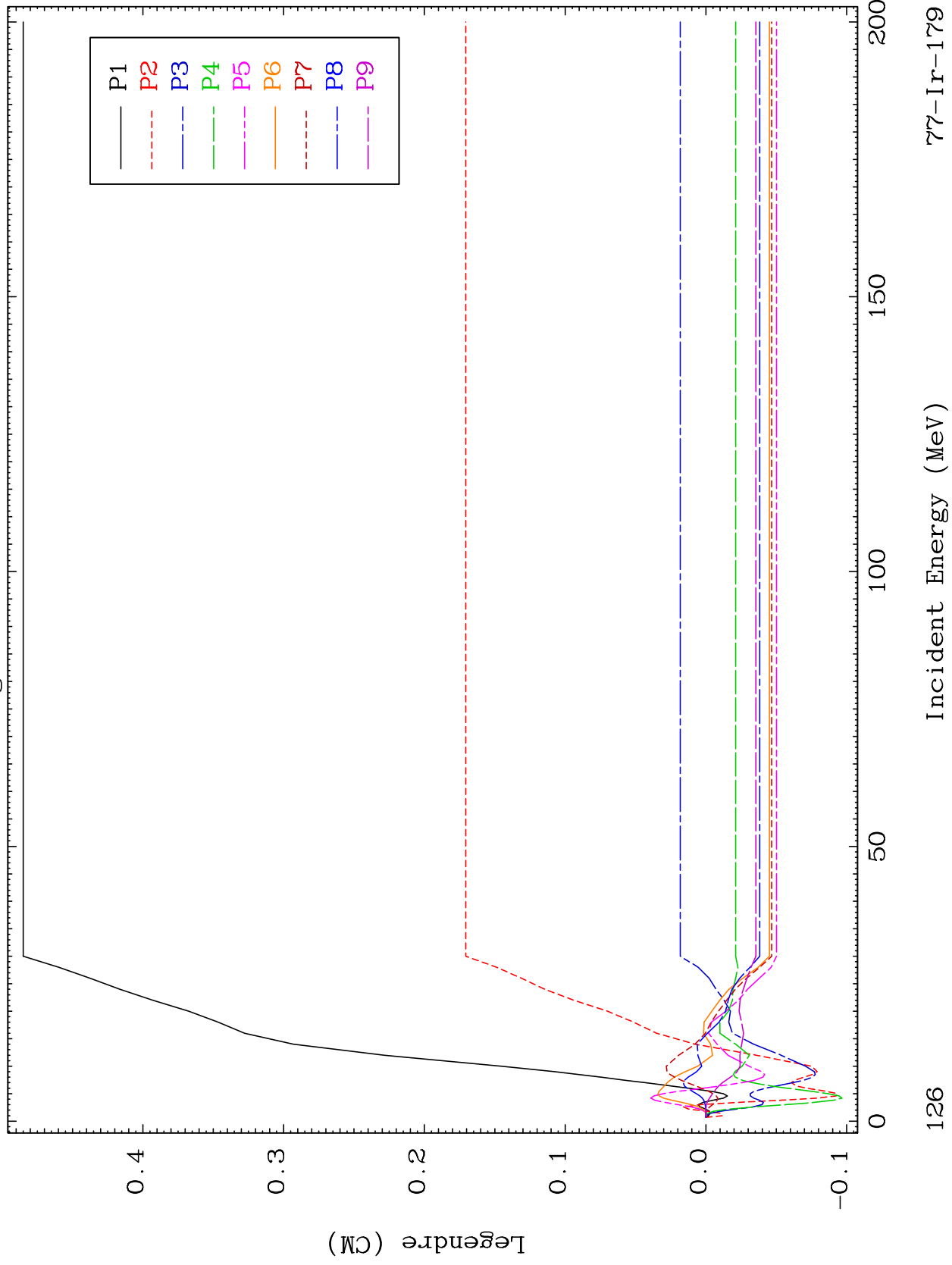




MAT 7689

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

77-Ir-179



77-Ir-179

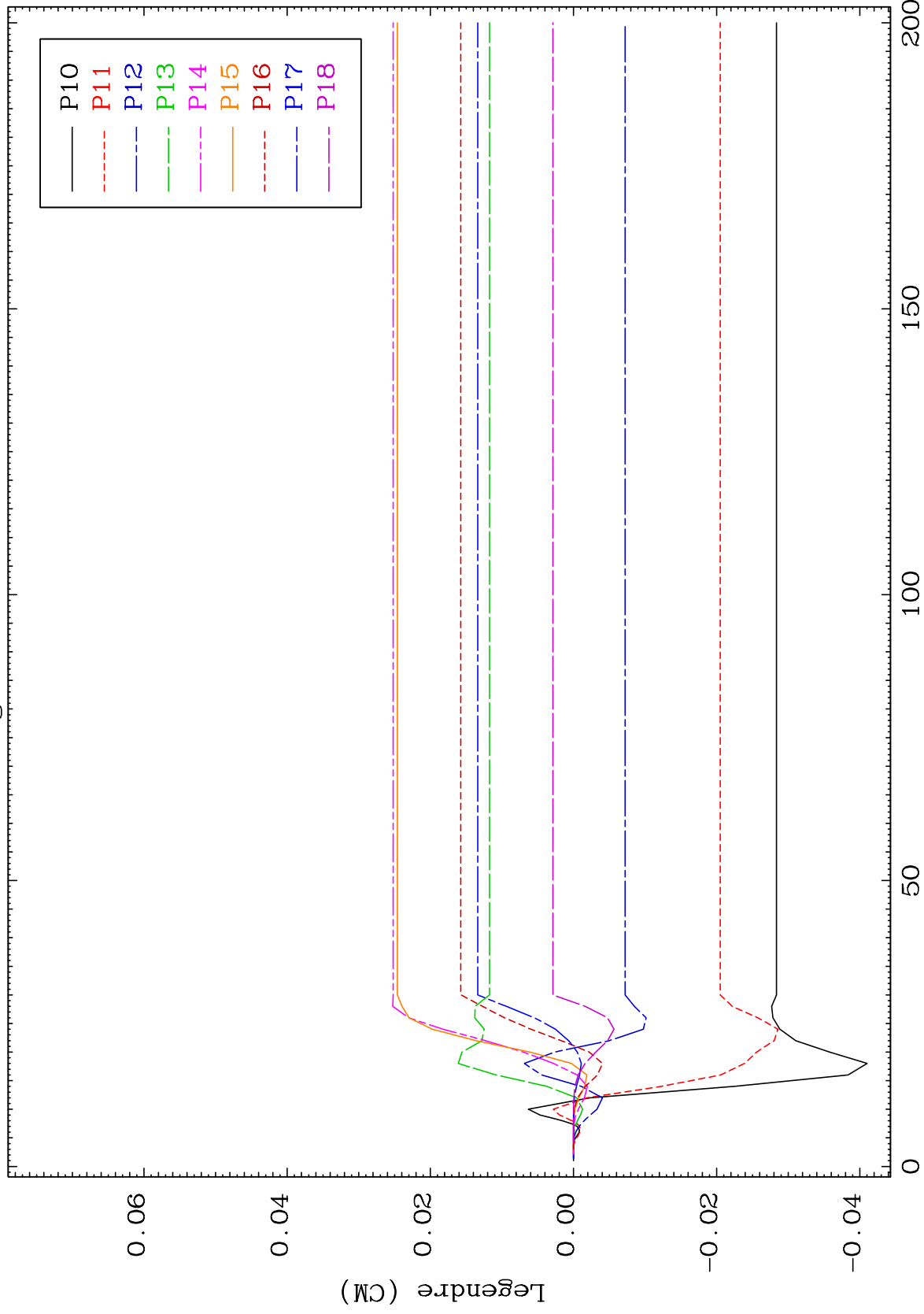
Incident Energy (MeV)

126

MAT 7689

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

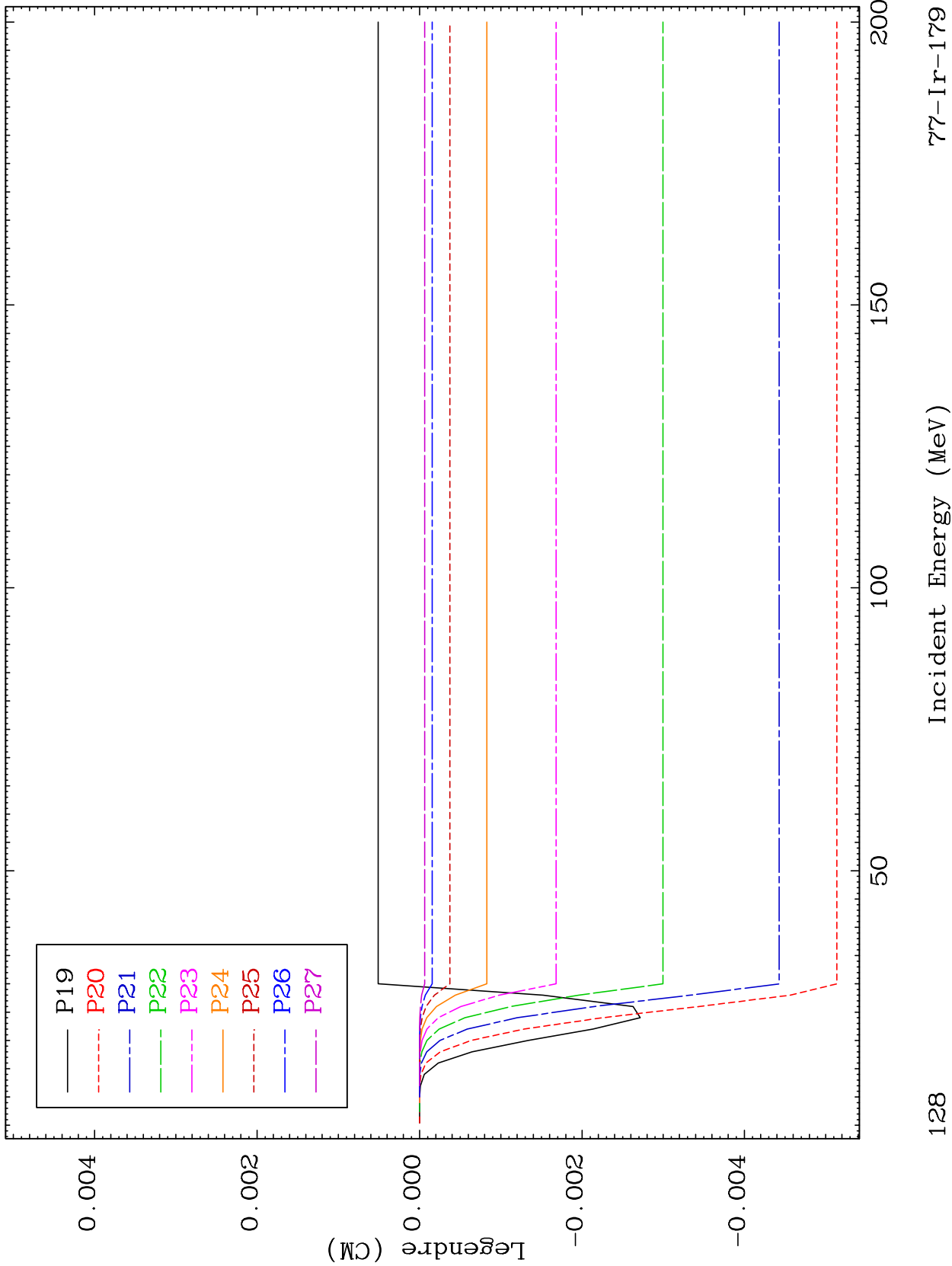
77-Ir-179

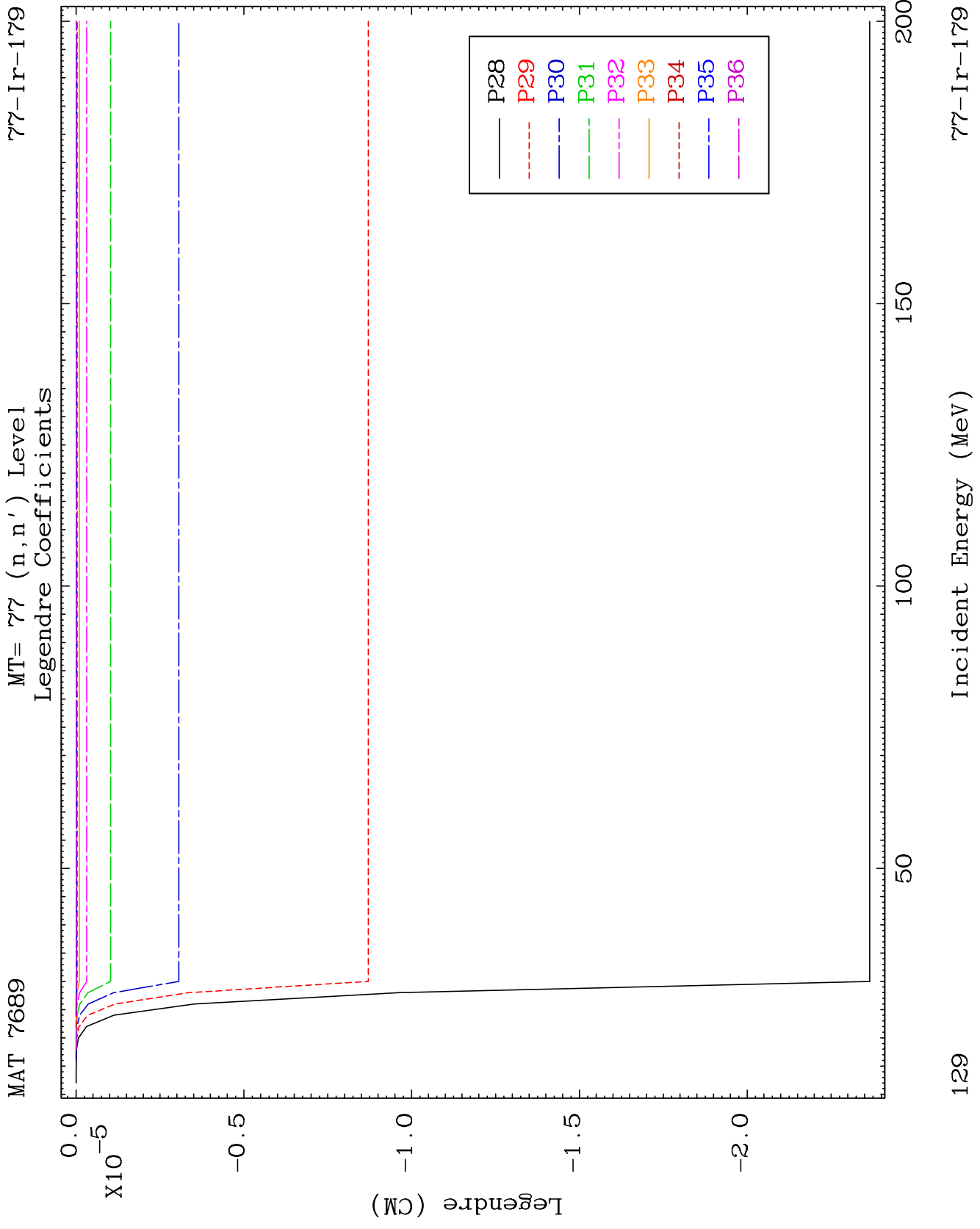


127

Incident Energy (MeV)

77-Ir-179



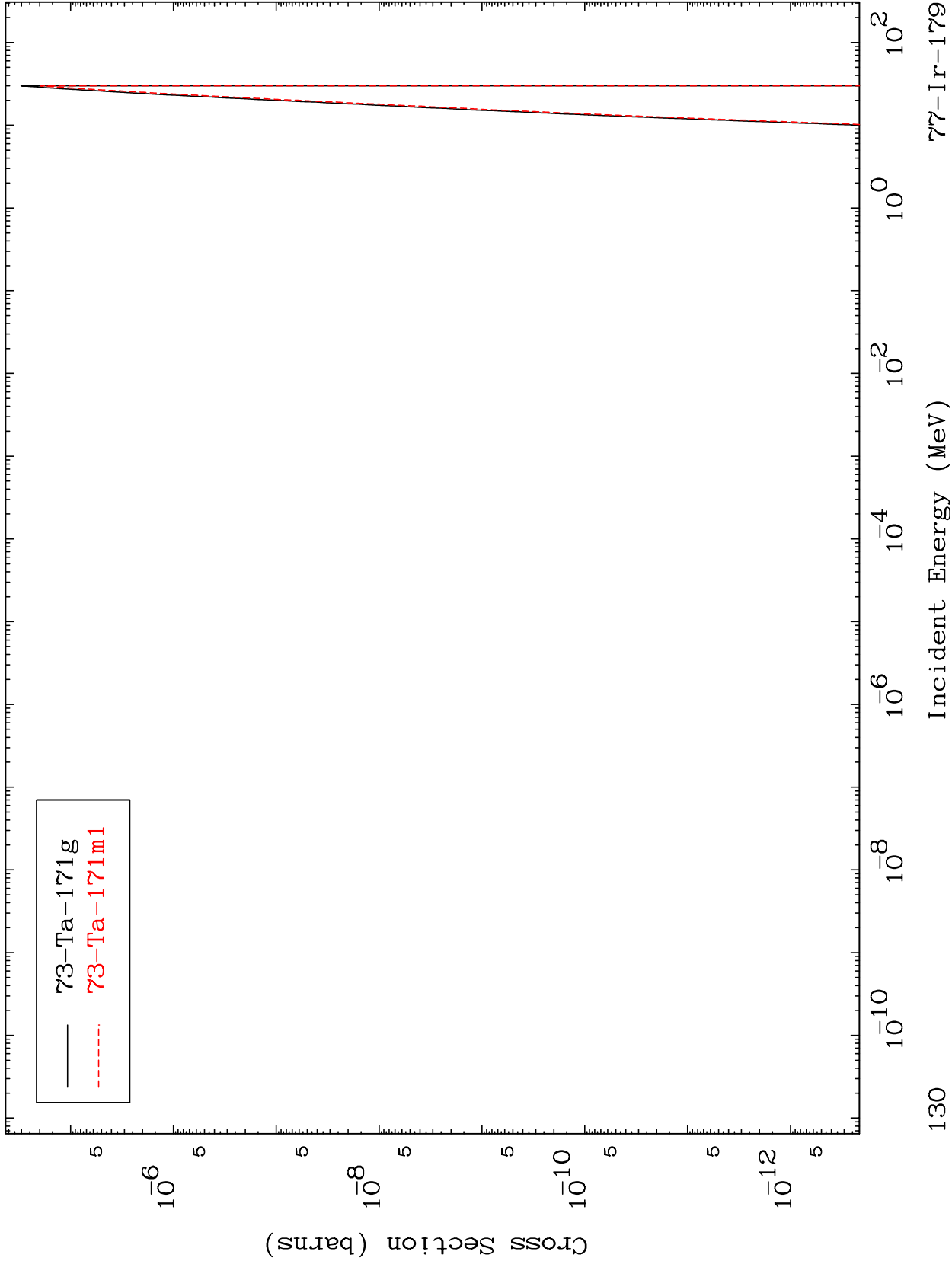


MAT 7689

(n,n') 2α

<sup>77</sup>Ir-179

Radionuclide Production Cross Section



— <sup>73</sup>Ta-171g  
- - - <sup>73</sup>Ta-171m1