

Program EVALPLOT  
(Version 2017-1)

by

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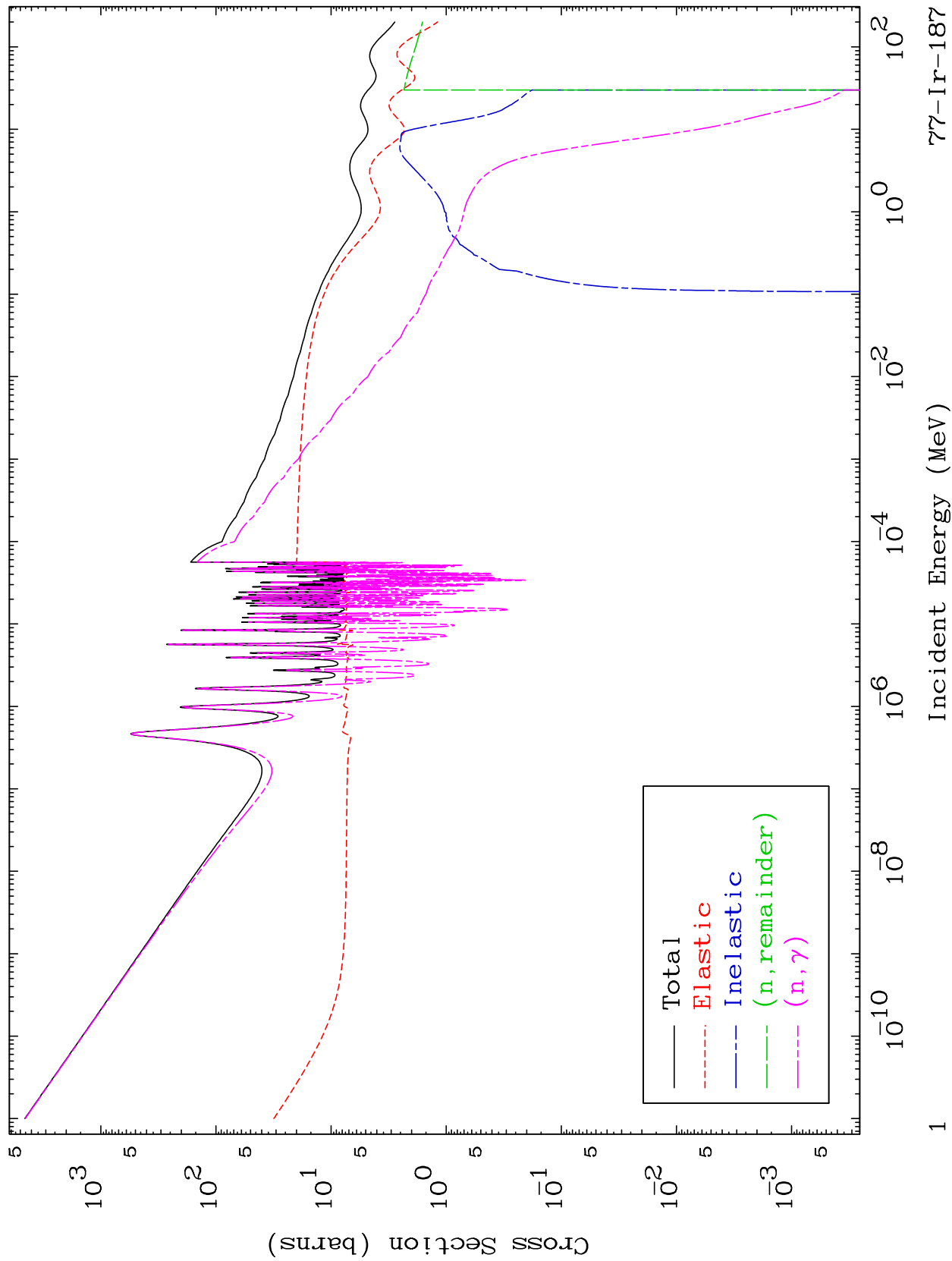
Press Mouse Button to Start

MAT 7713

Major

293 Kelvin Cross Sections

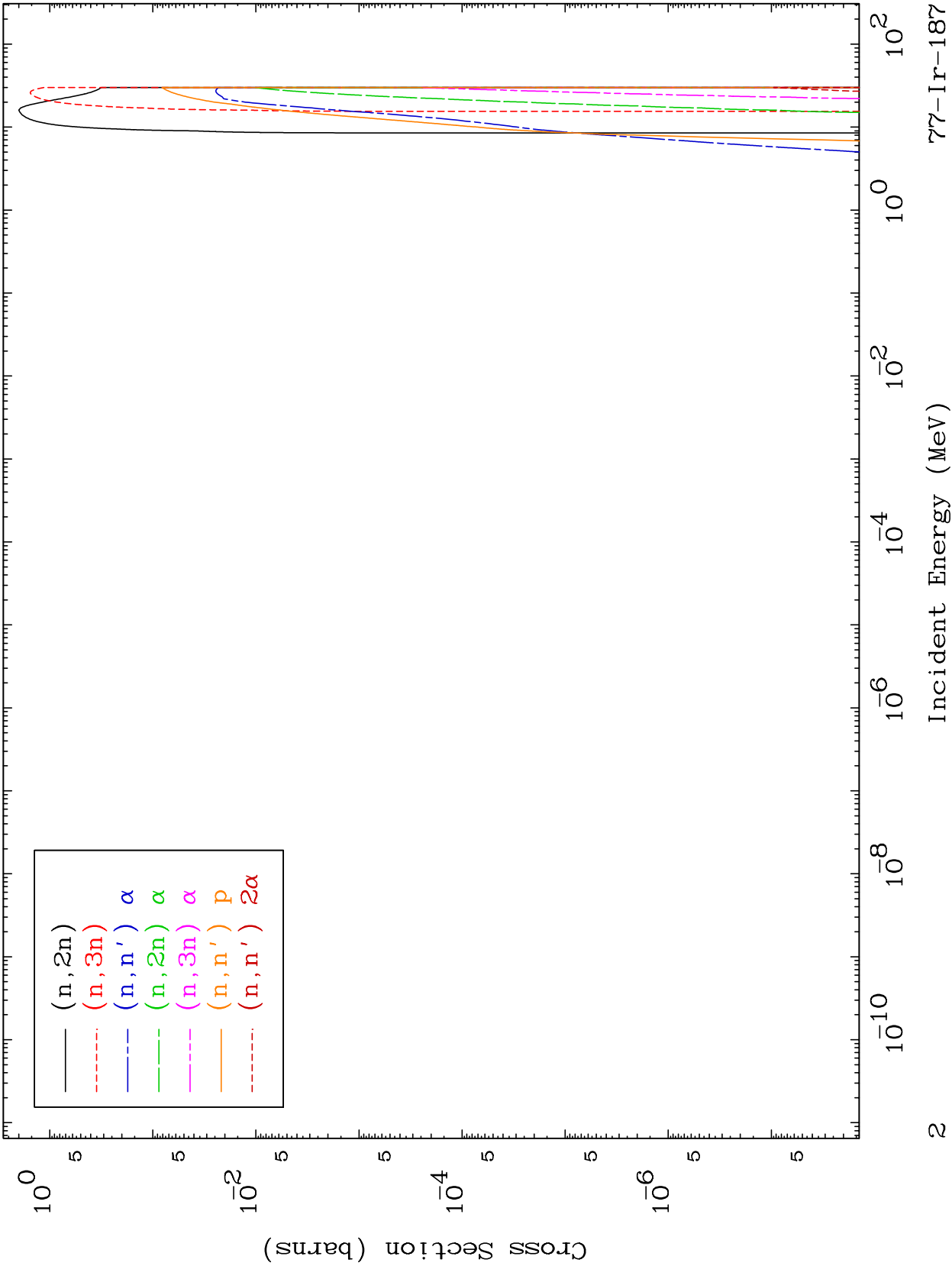
77-Ir-187



MAT 7713

Neutron Production  
293 Kelvin Cross Sections

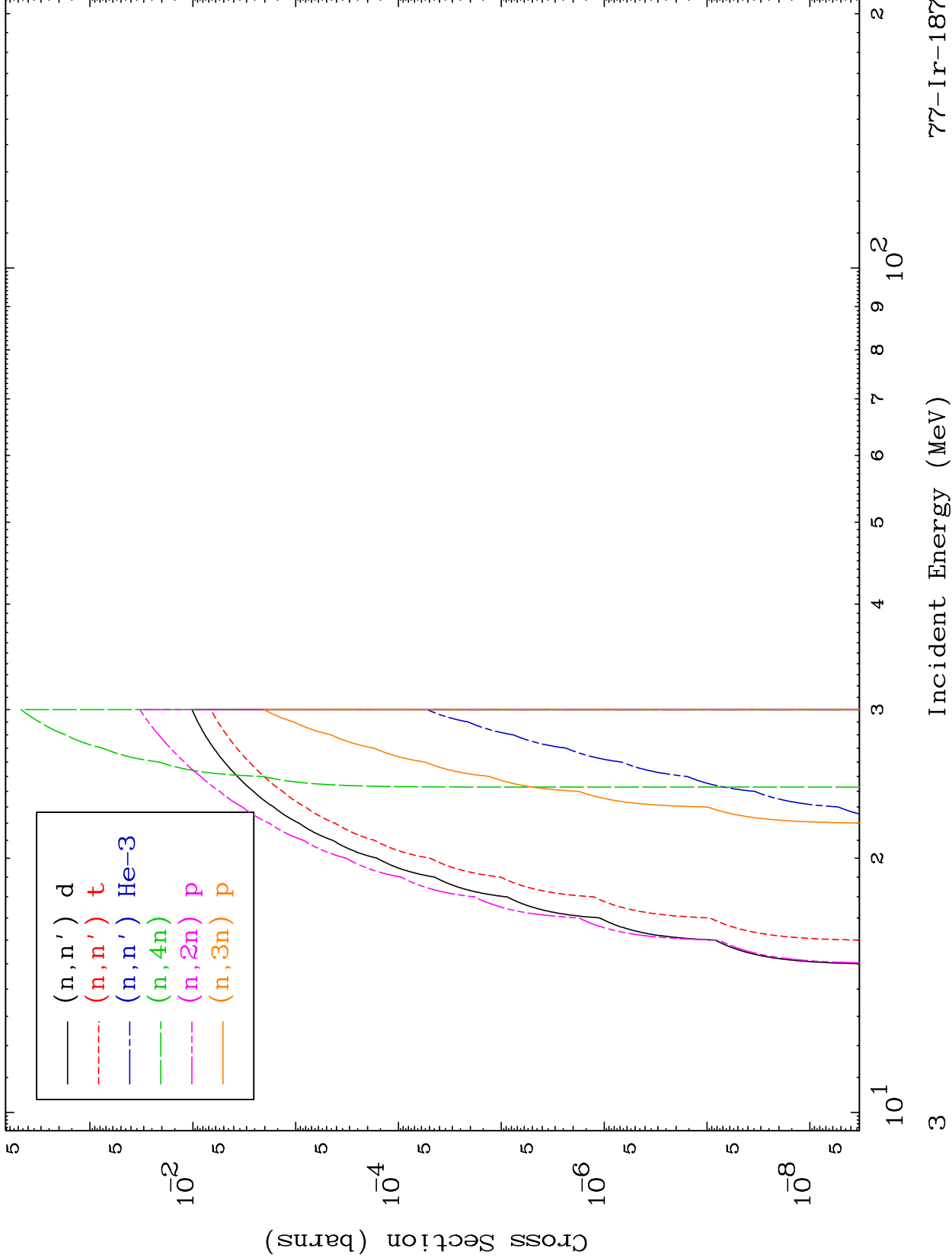
77-Ir-187



MAT 7713

Neutron Production  
293 Kelvin Cross Sections

77-Ir-187

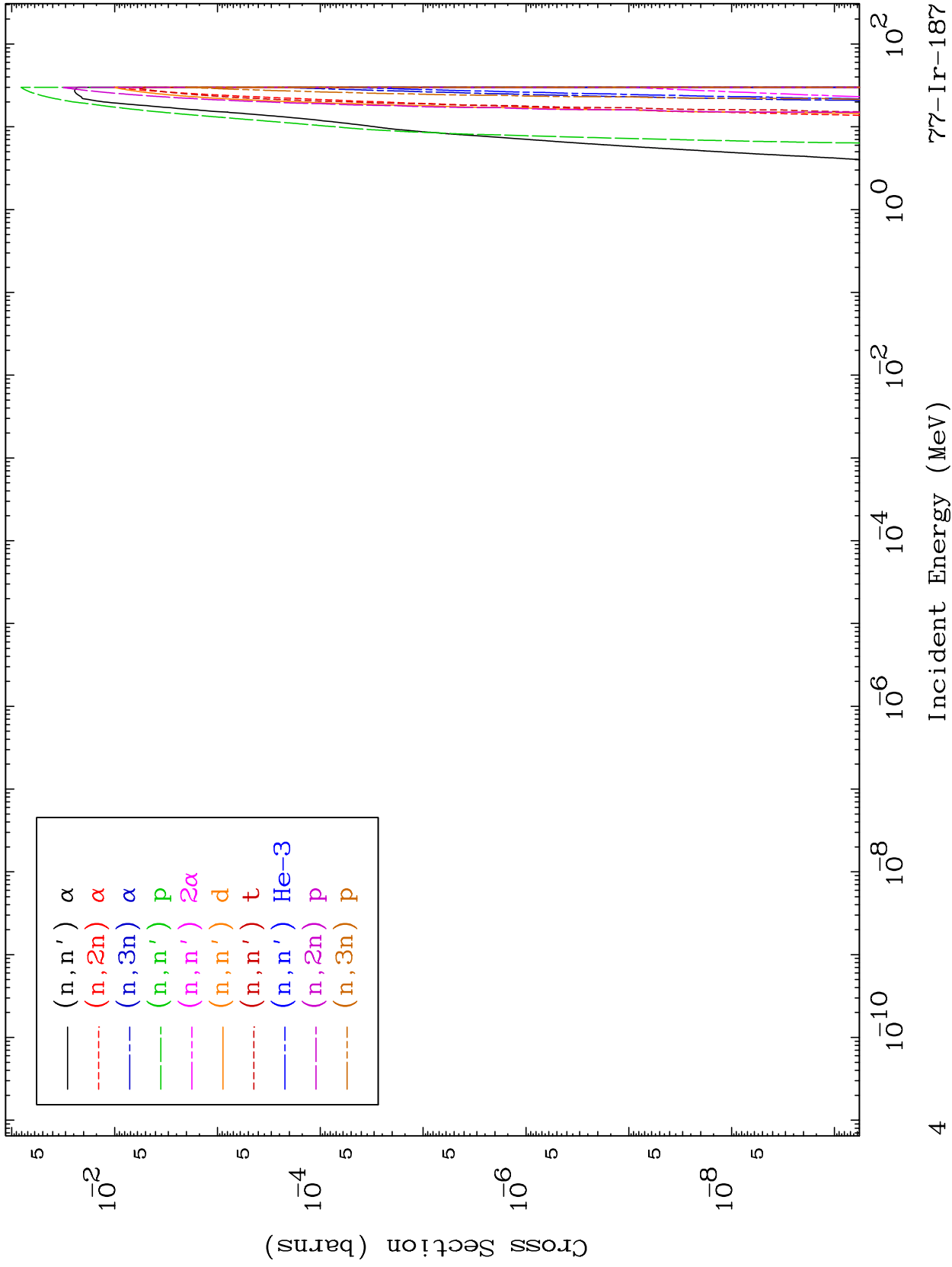


77-Ir-187

MAT 7713

Charged Particle  
293 Kelvin Cross Sections

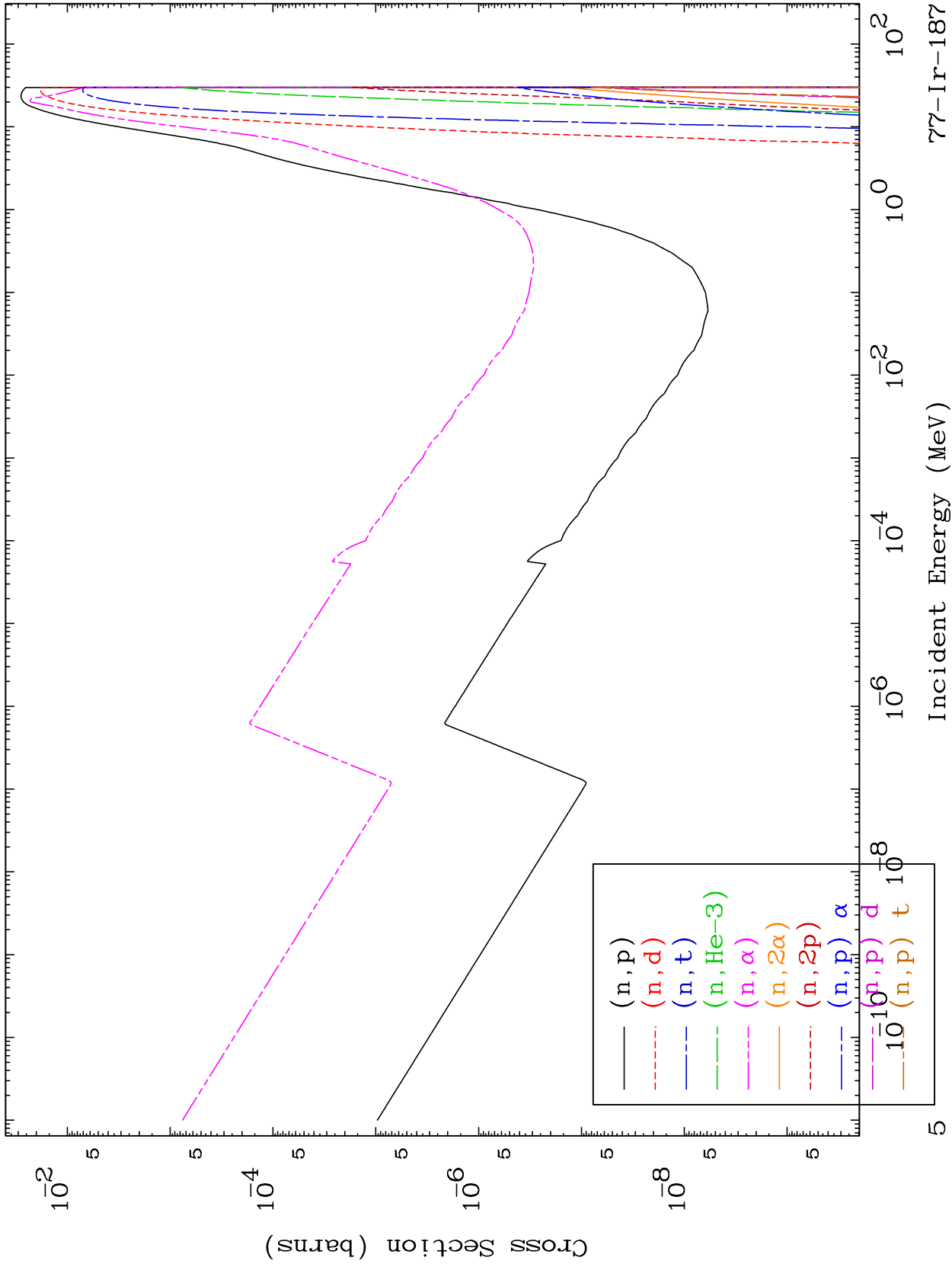
77-Ir-187

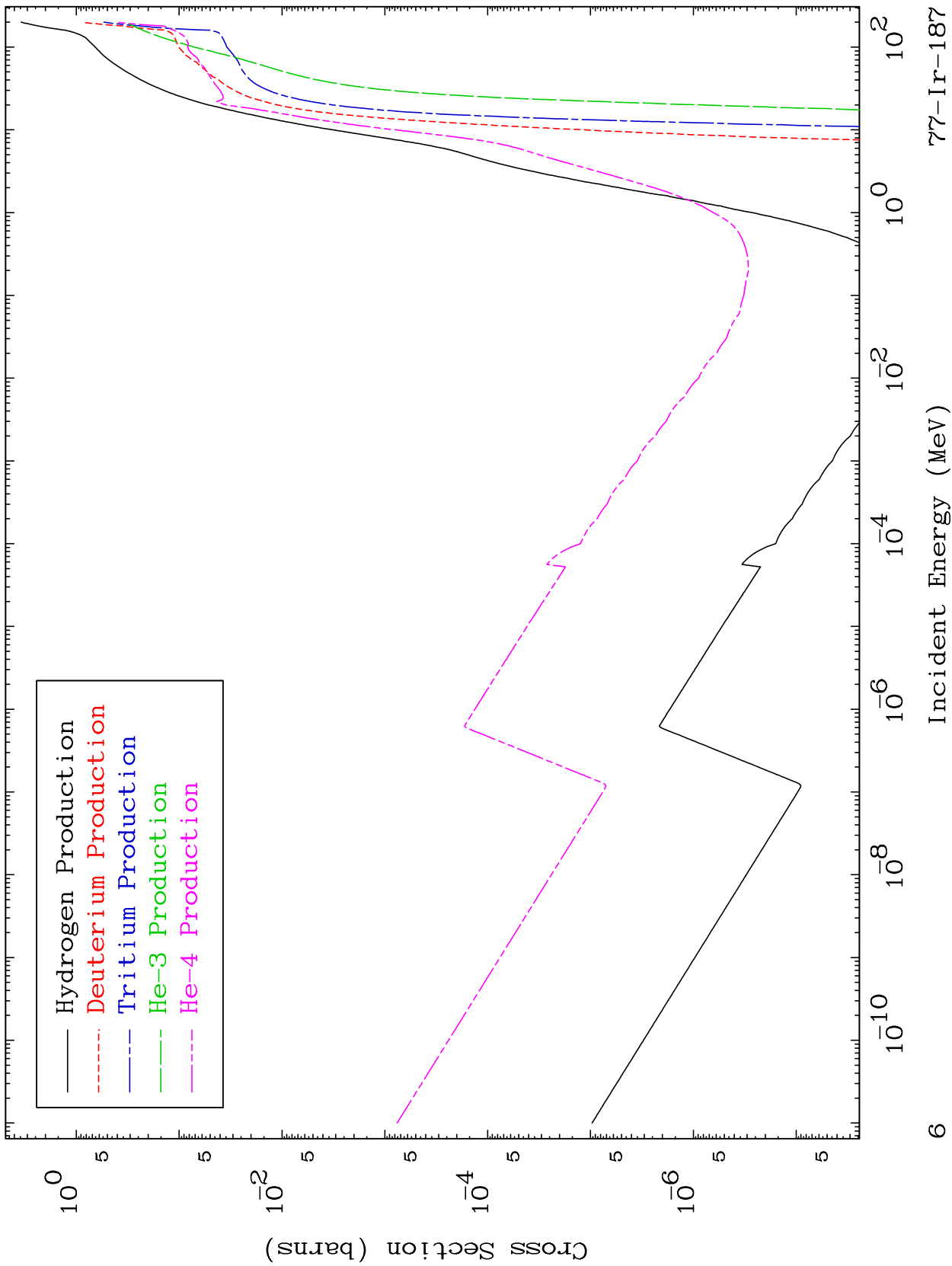


MAT 7713

Charged Particle  
293 Kelvin Cross Sections

77-Ir-187

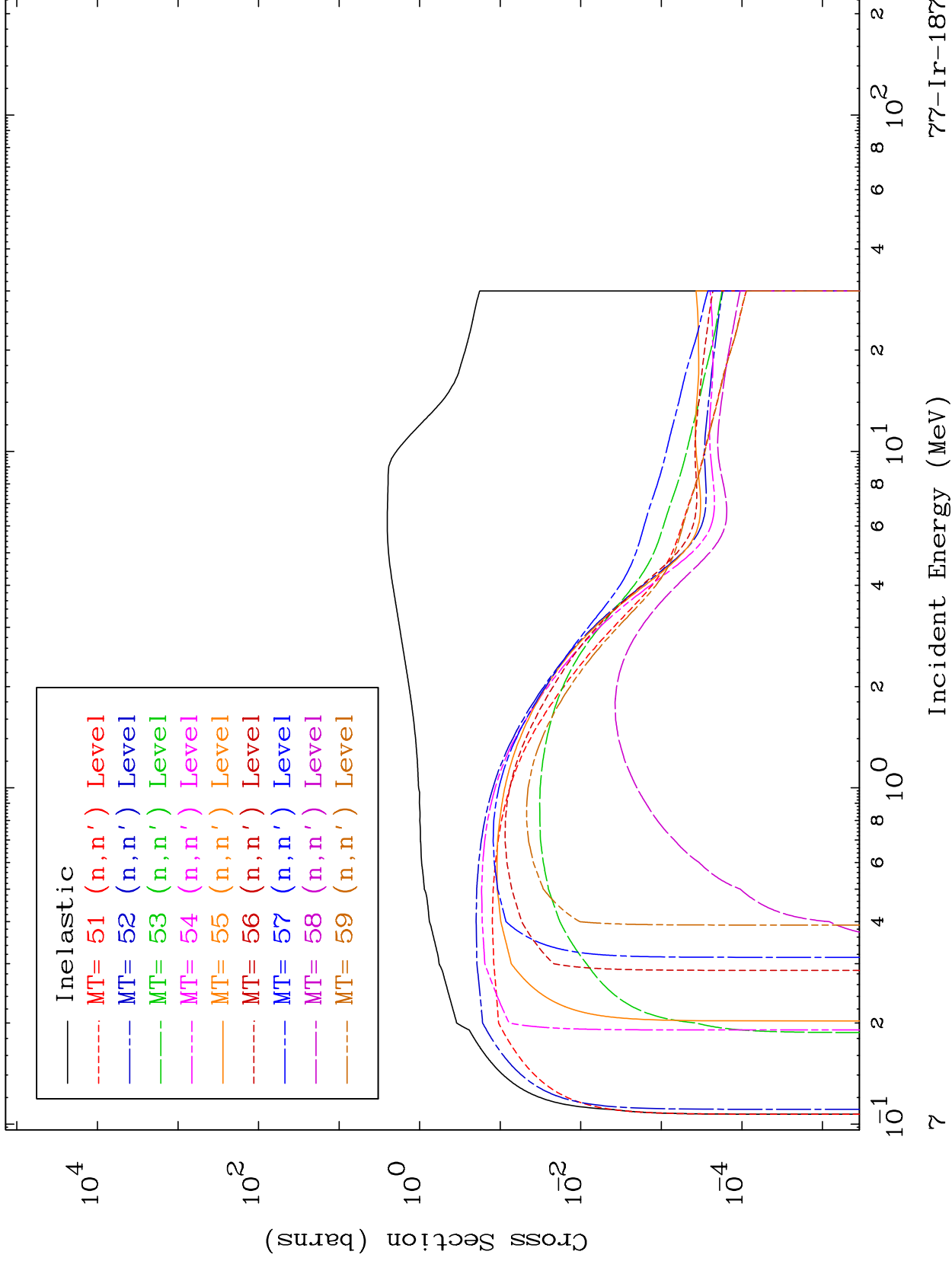




MAT 7713

(n,n') Level  
293 Kelvin Cross Sections

77-Ir-187



Incident Energy (MeV)

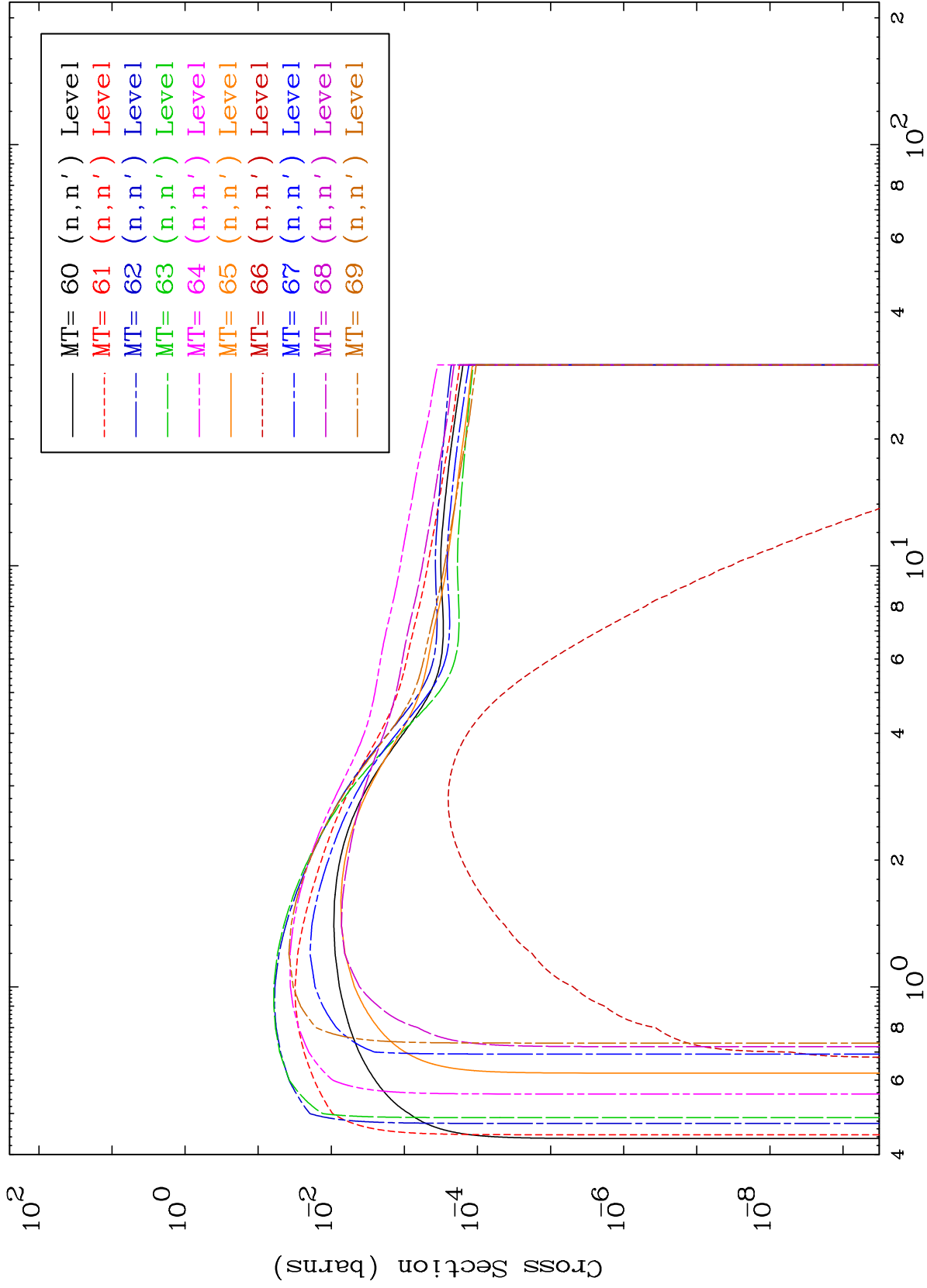
77-Ir-187

MAT 7713

(n,n') Level

293 Kelvin Cross Sections

77-Ir-187



8

Incident Energy (MeV)

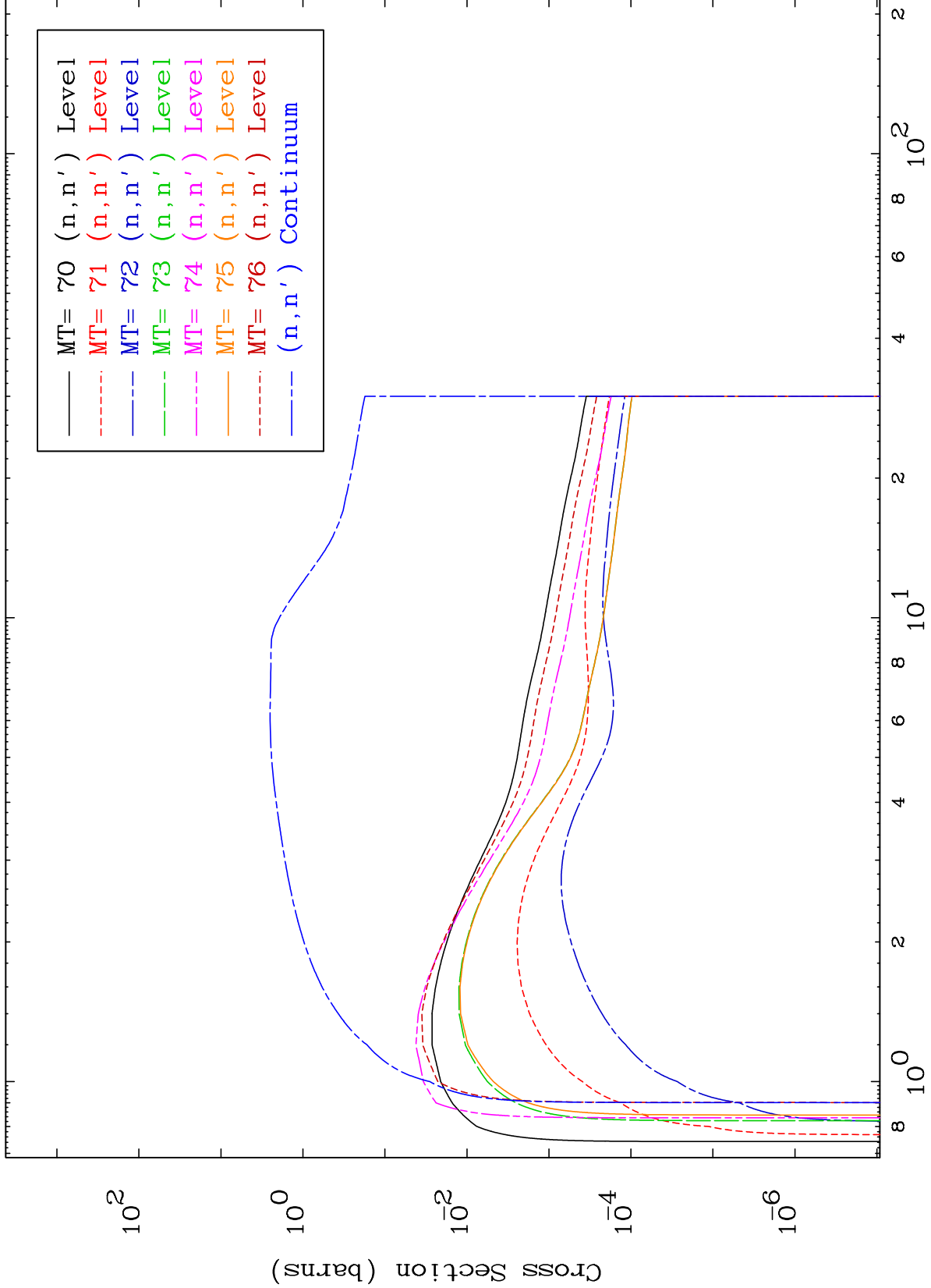
77-Ir-187

MAT 7713

(n,n') Level

77-Ir-187

293 Kelvin Cross Sections



9

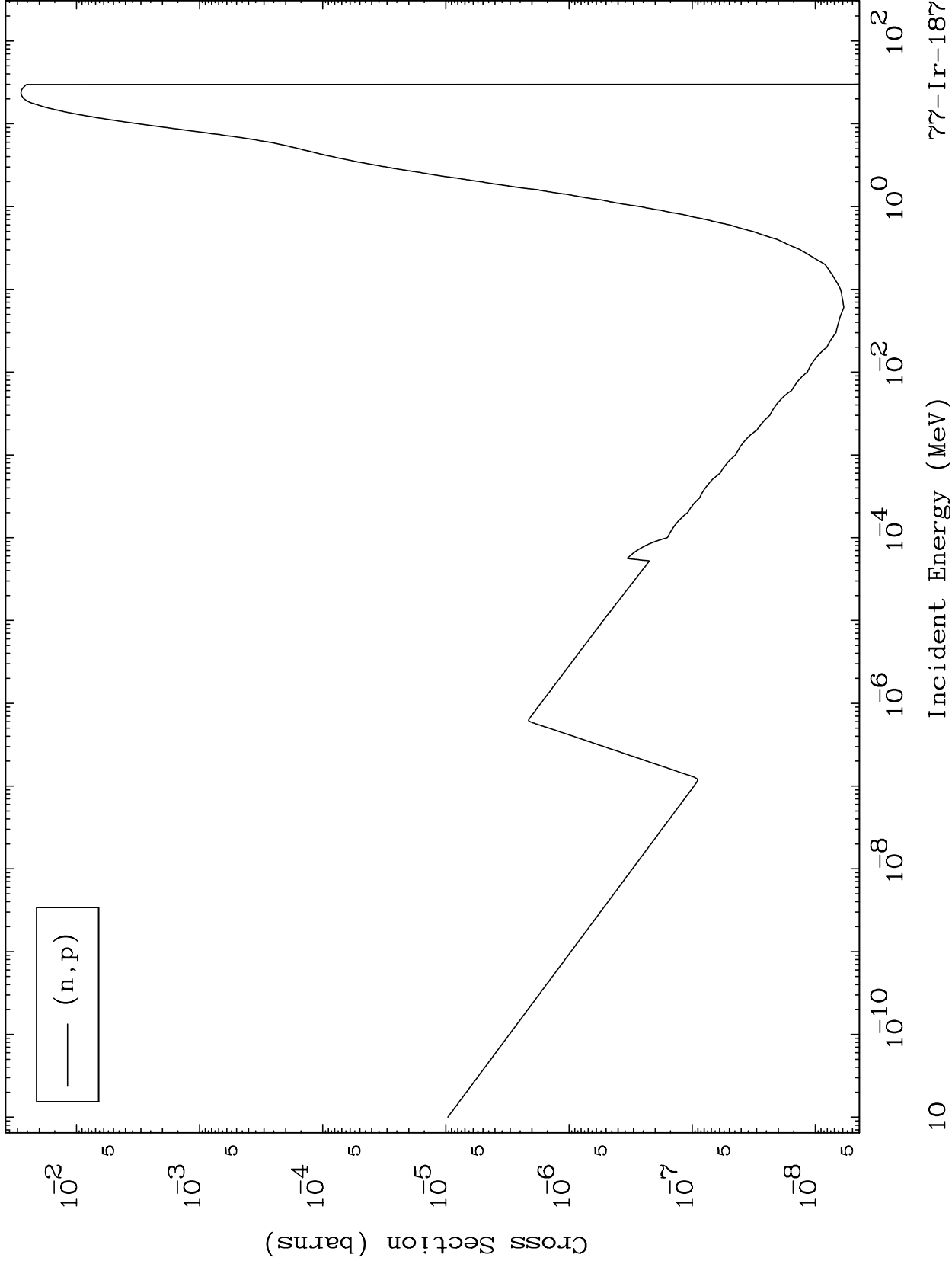
Incident Energy (MeV)

77-Ir-187

MAT 7713

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-187



10

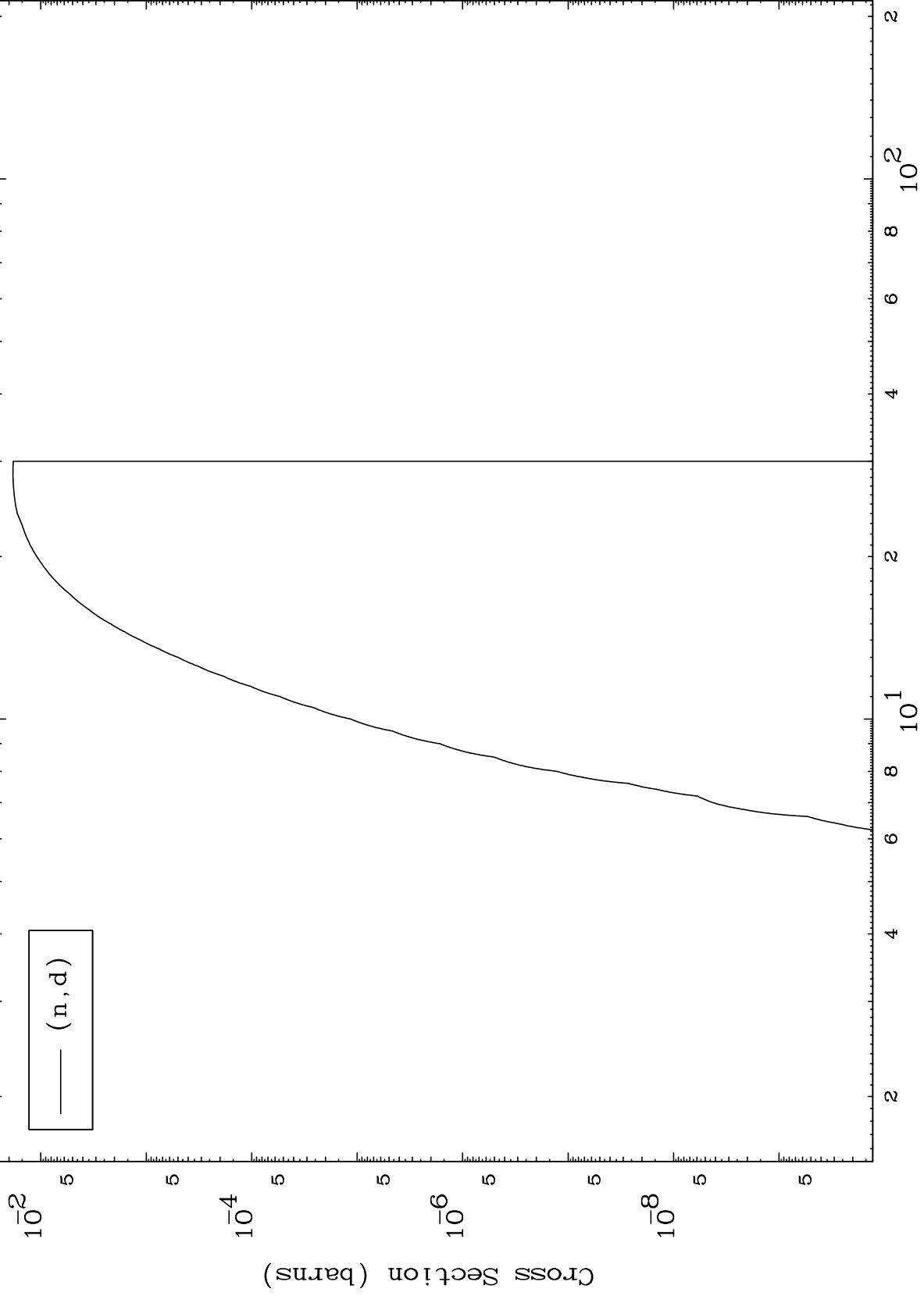
Incident Energy (MeV)

77-Ir-187

MAT 7713

(n,d) Levels  
293 Kelvin Cross Sections

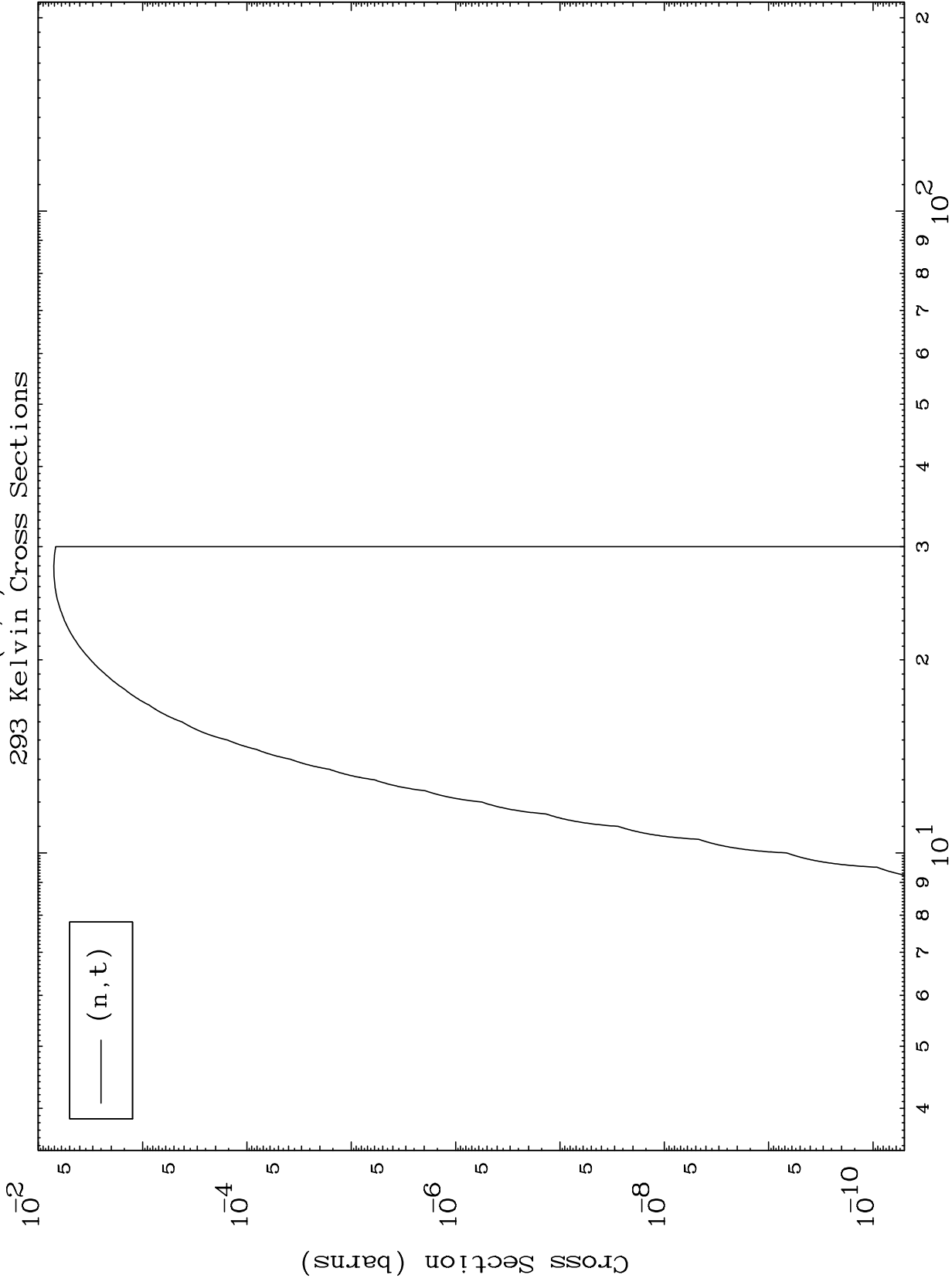
77-Ir-187



MAT 7713

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-187



12

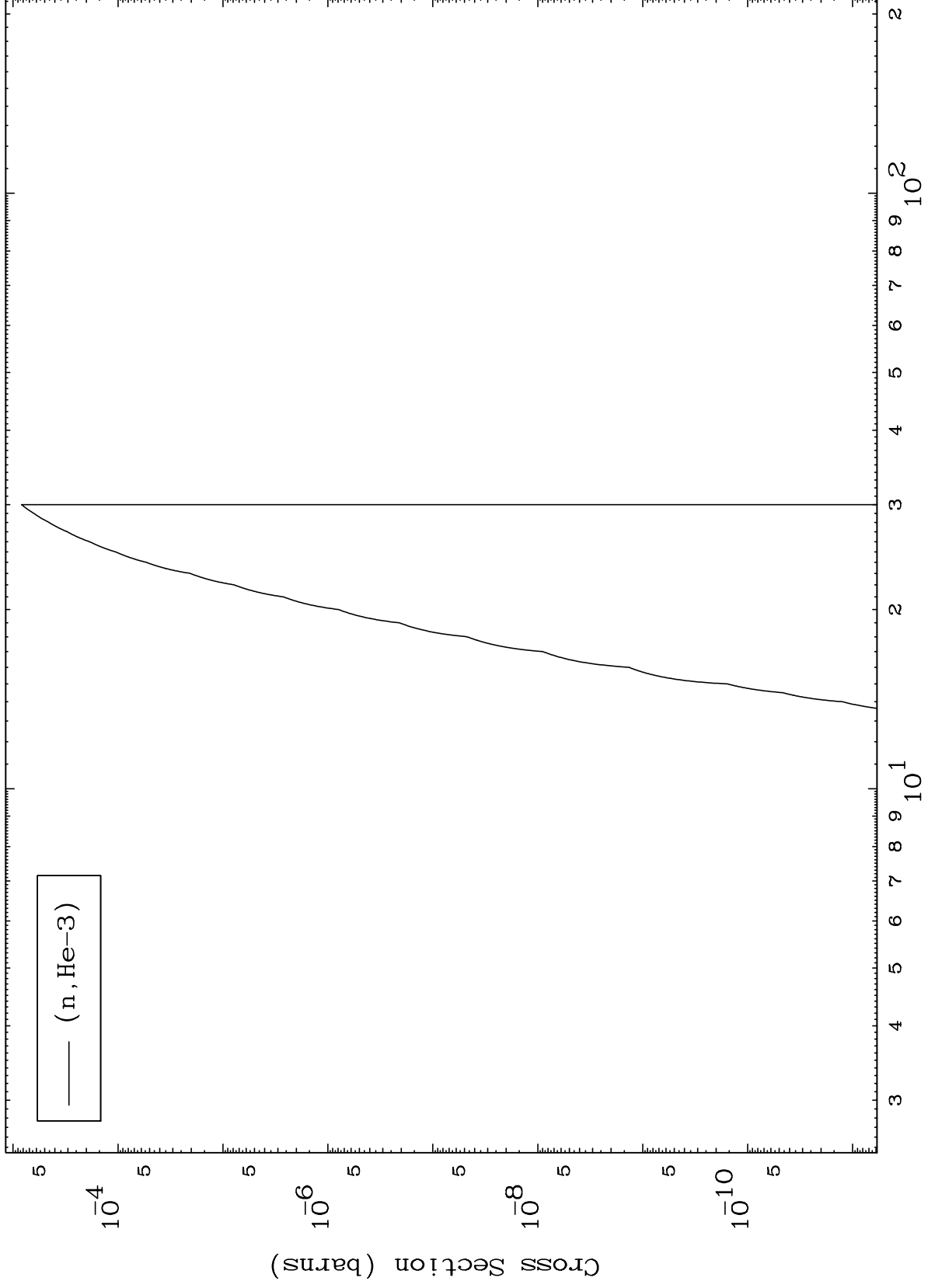
Incident Energy (MeV)

77-Ir-187

MAT 7713

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-187



13

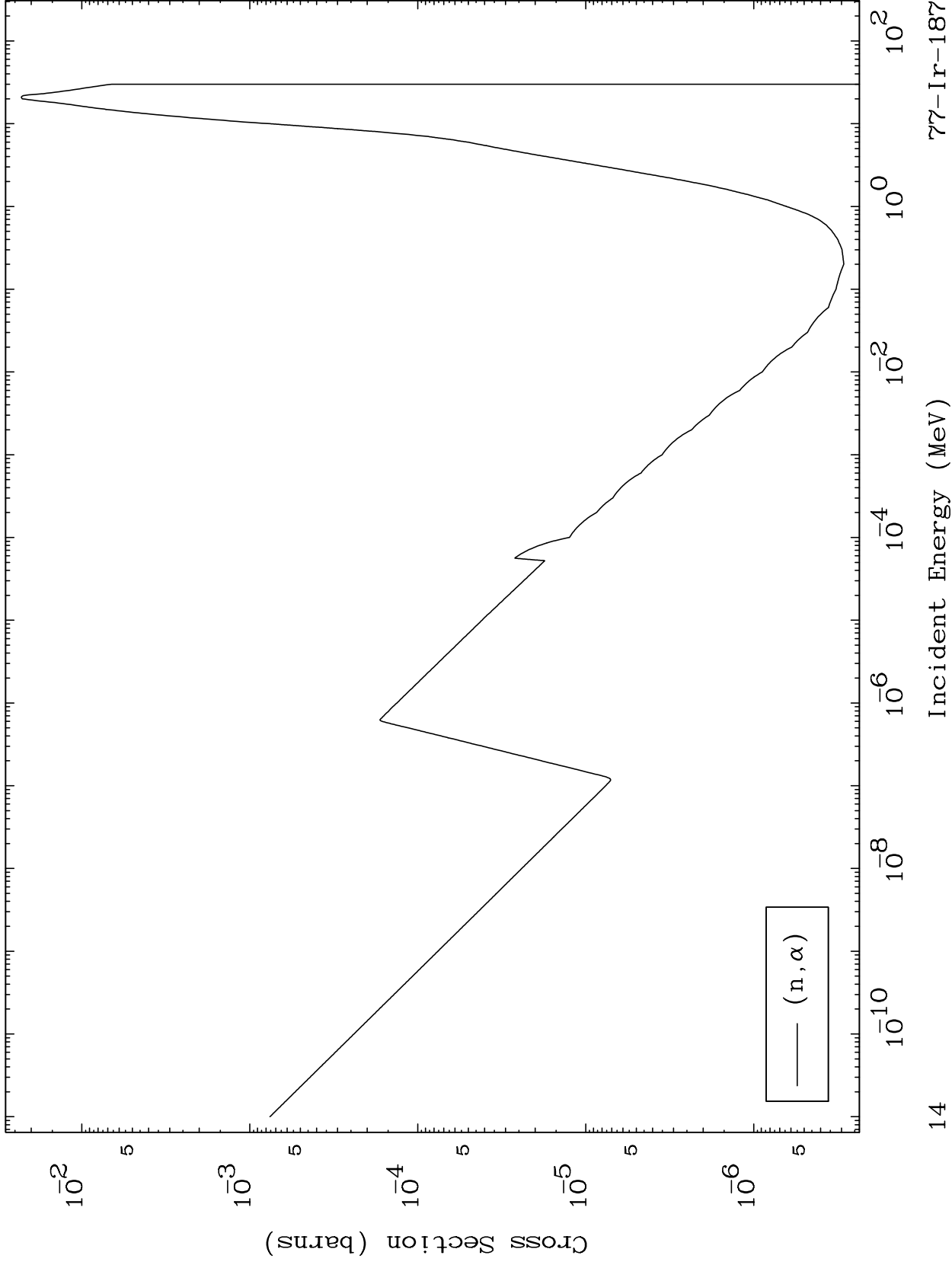
Incident Energy (MeV)

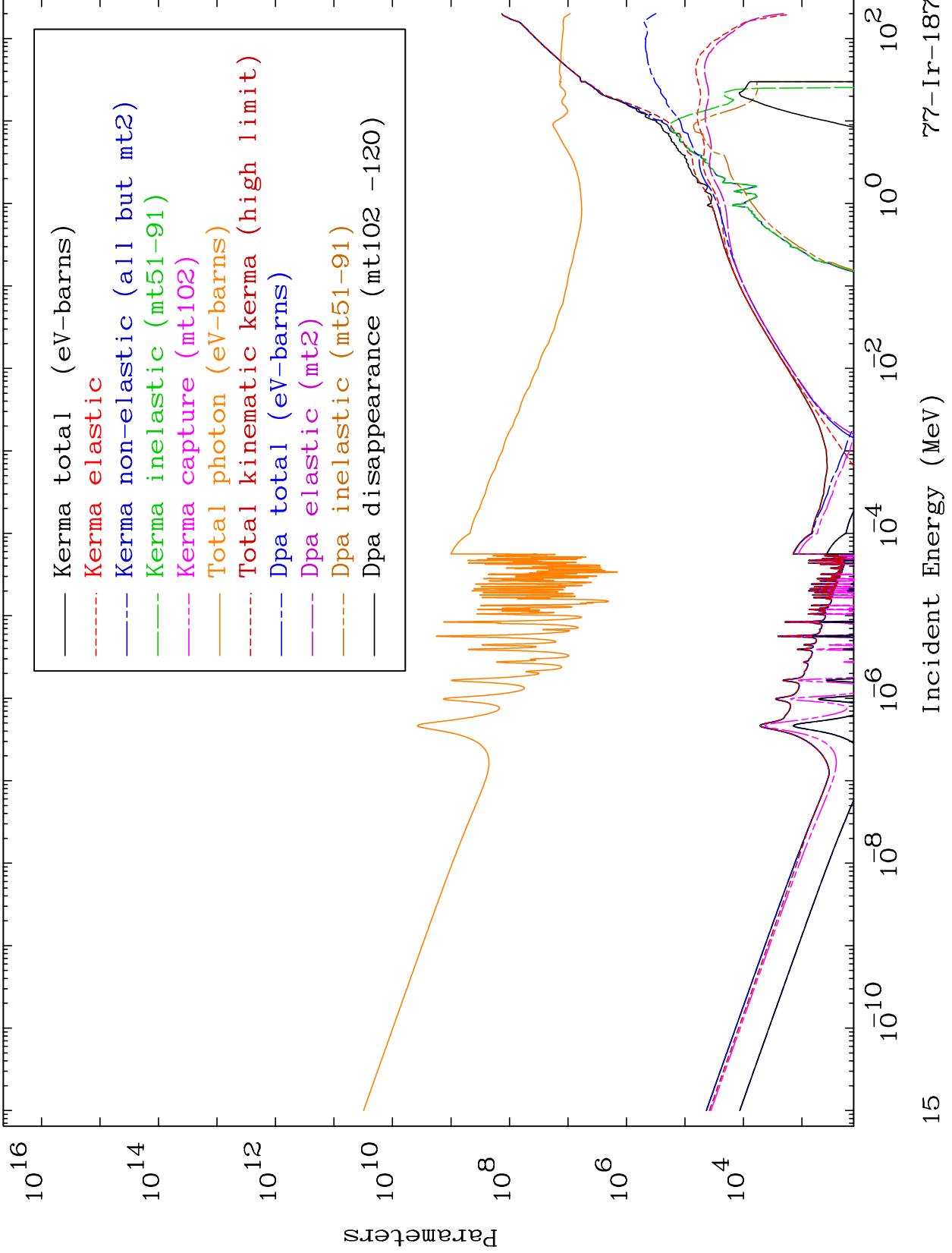
77-Ir-187

MAT 7713

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-187

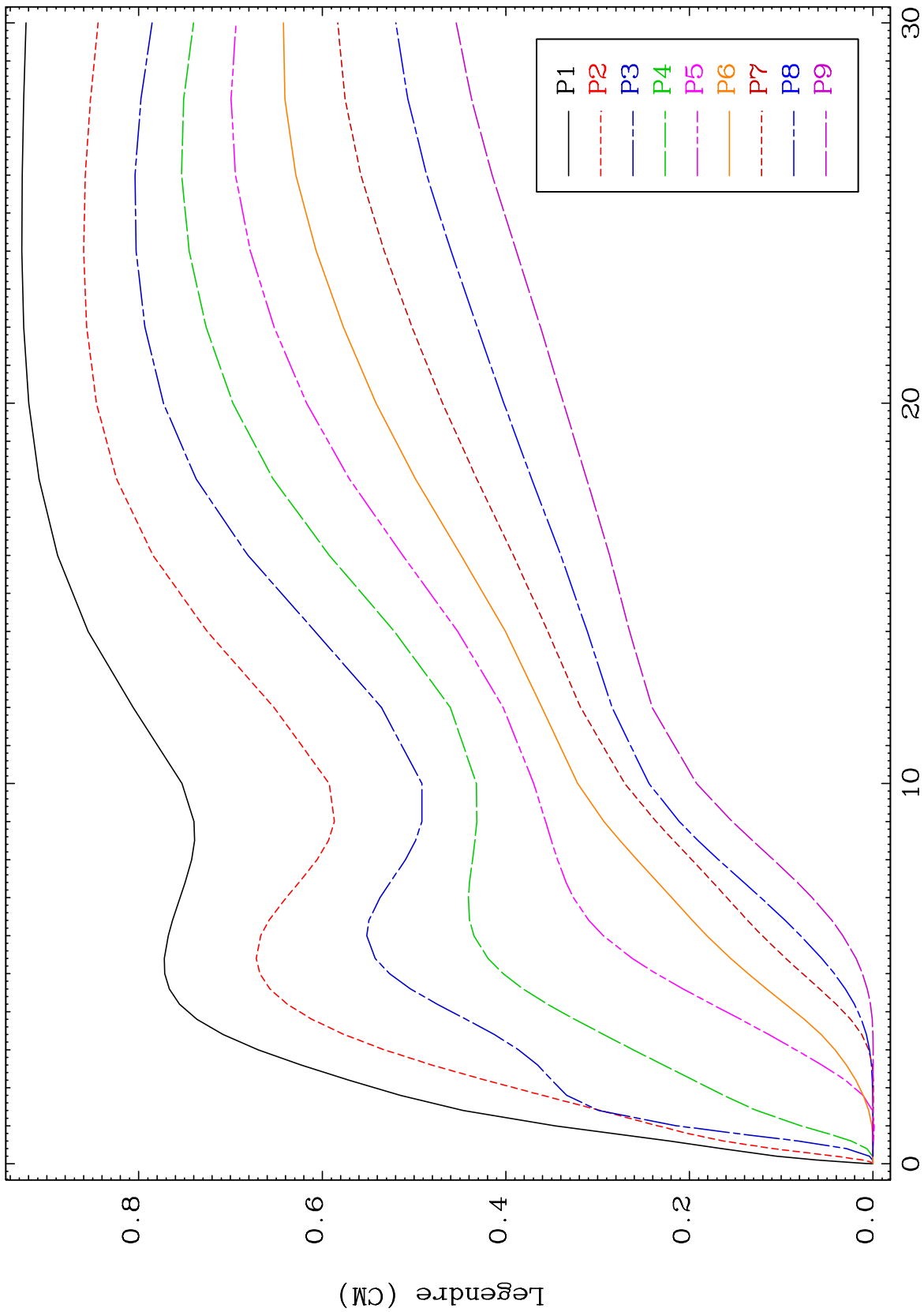




MAT 7713

77-Ir-187

Elastic Legendre Coefficients



77-Ir-187

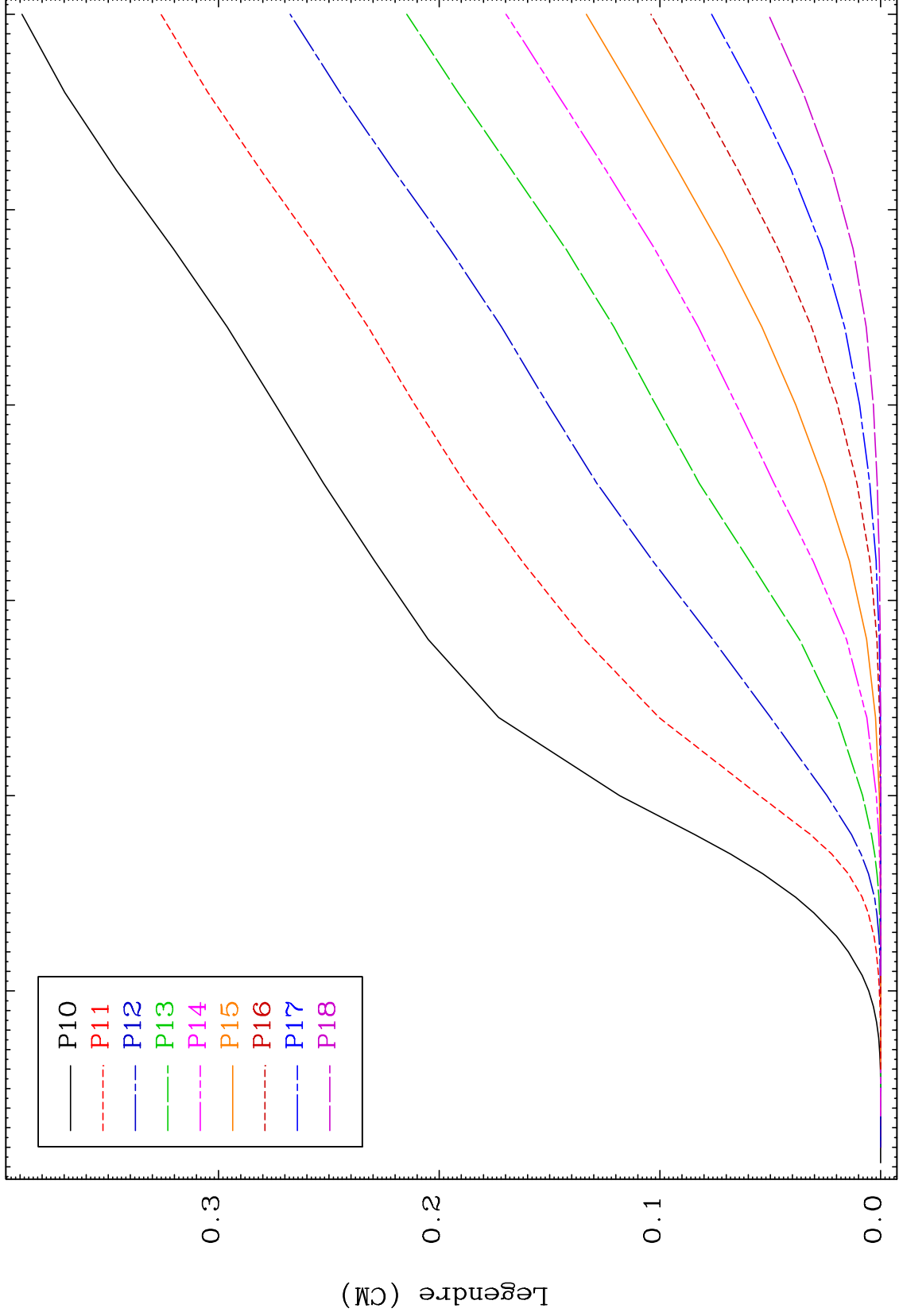
Incident Energy (MeV)

16

MAT 7713

Elastic Legendre Coefficients

<sup>77</sup>Ir-187



17

Incident Energy (MeV)

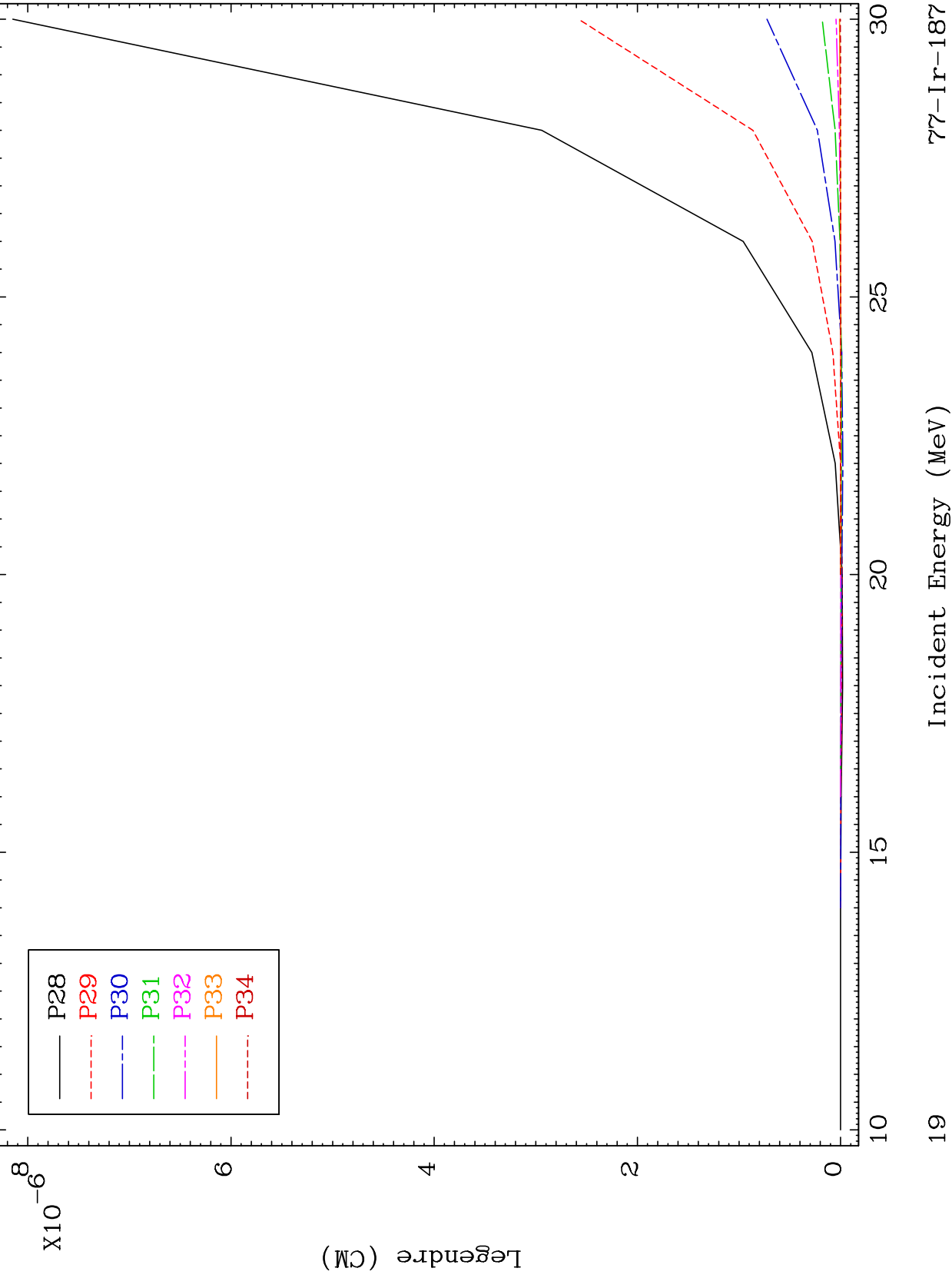
<sup>77</sup>Ir-187



MAT 7713

Elastic Legendre Coefficients

77-Ir-187



19

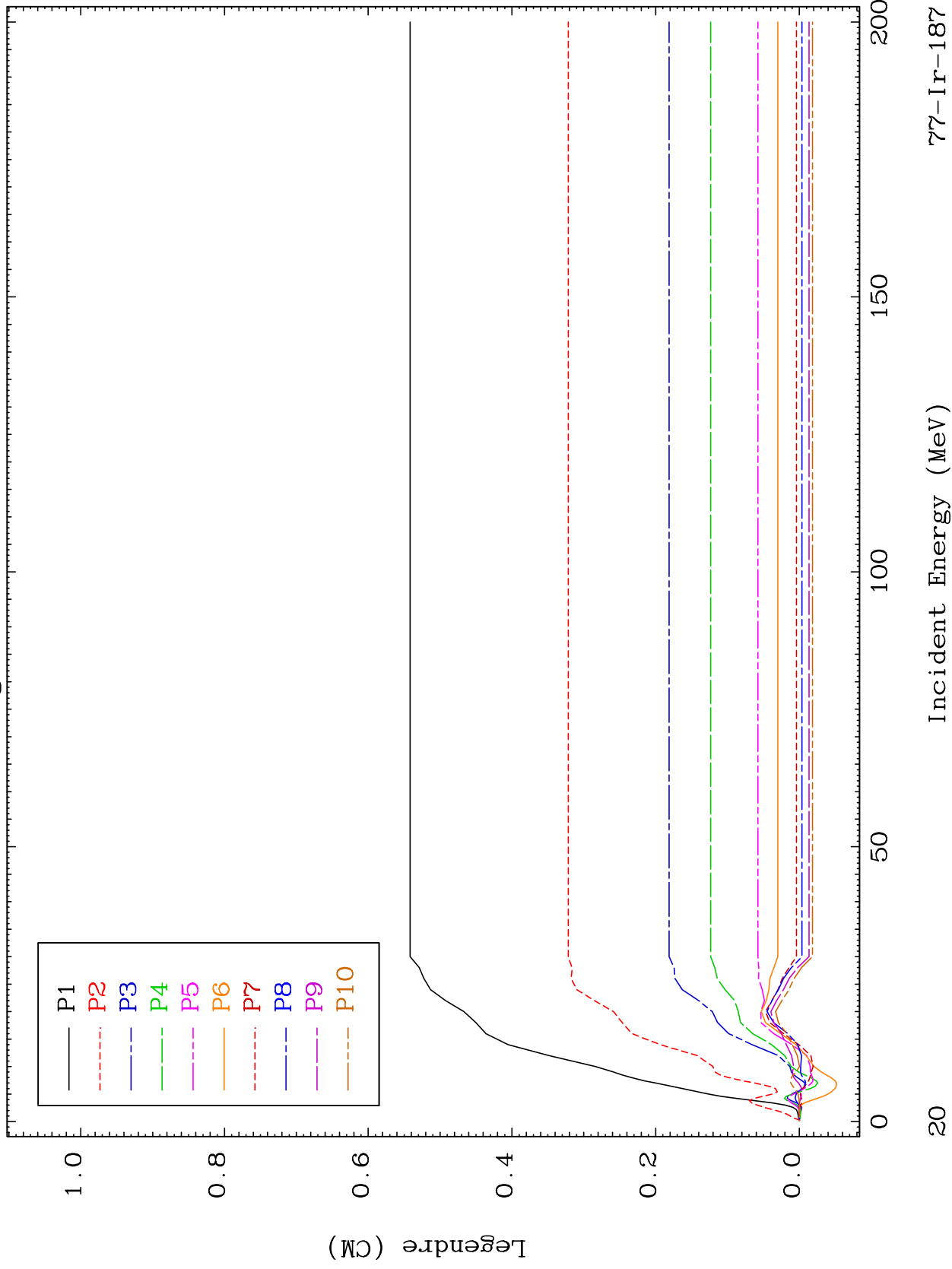
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

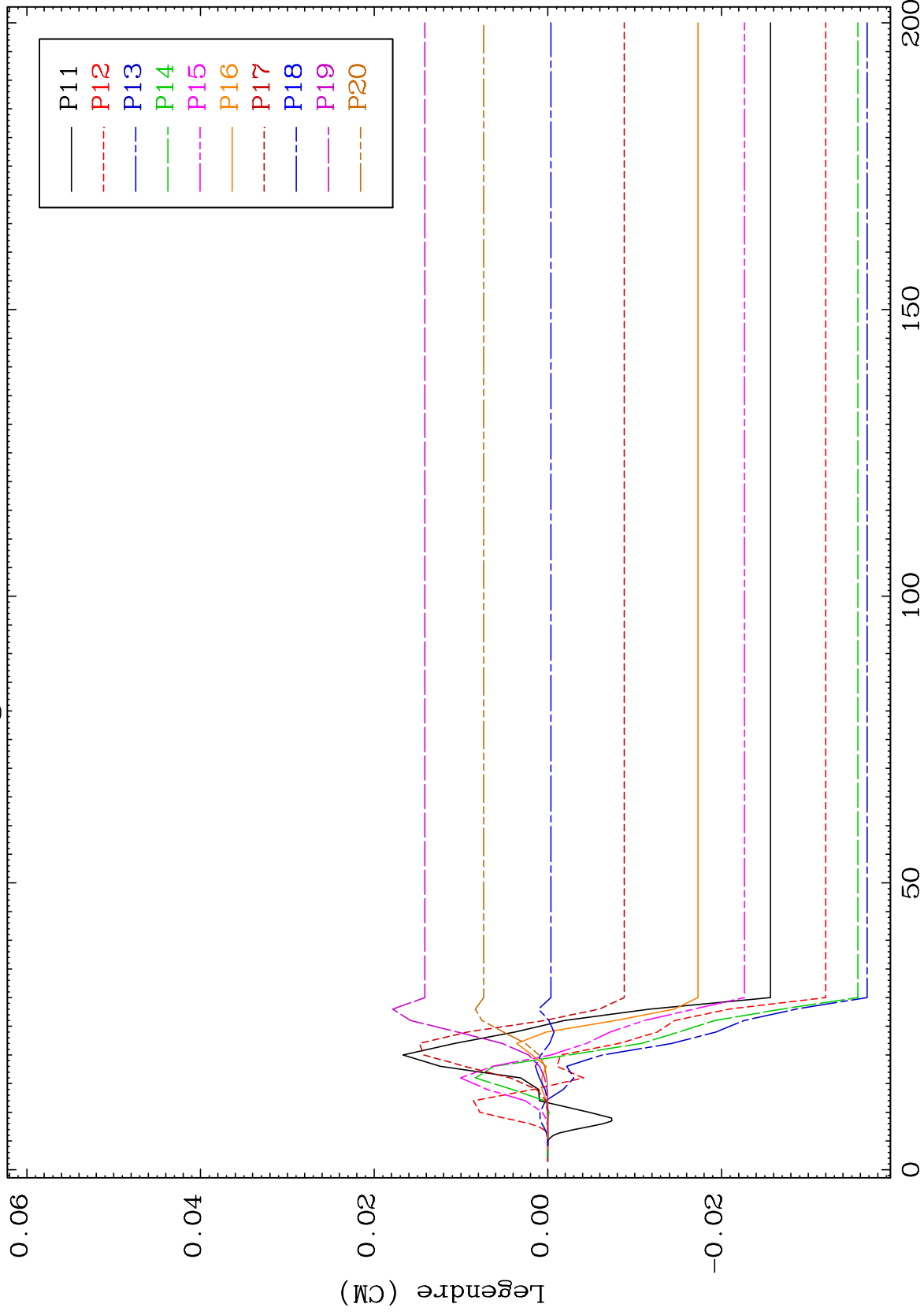
77-Ir-187



MAT 7713

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

77-Ir-187



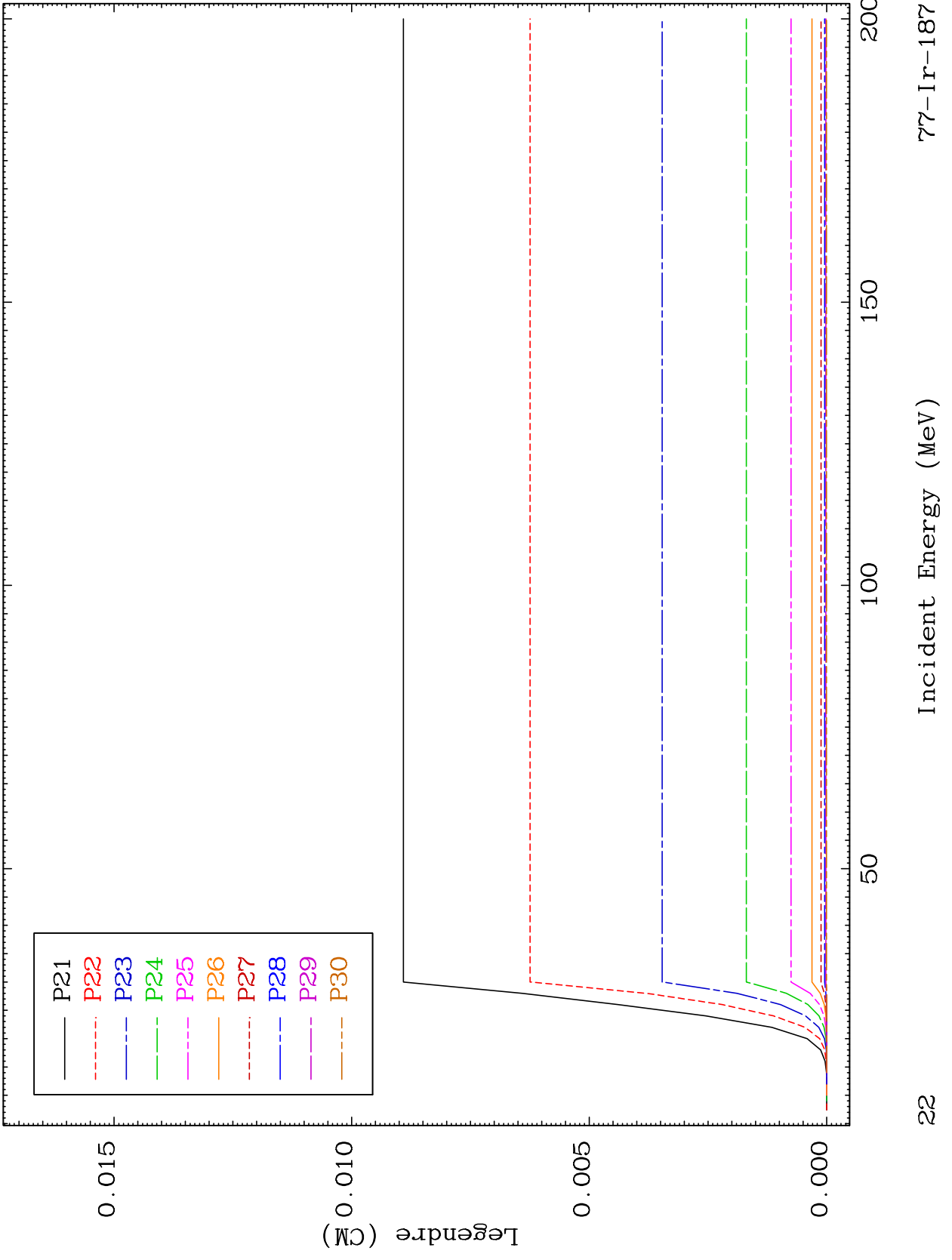
21

77-Ir-187

MAT 7713

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

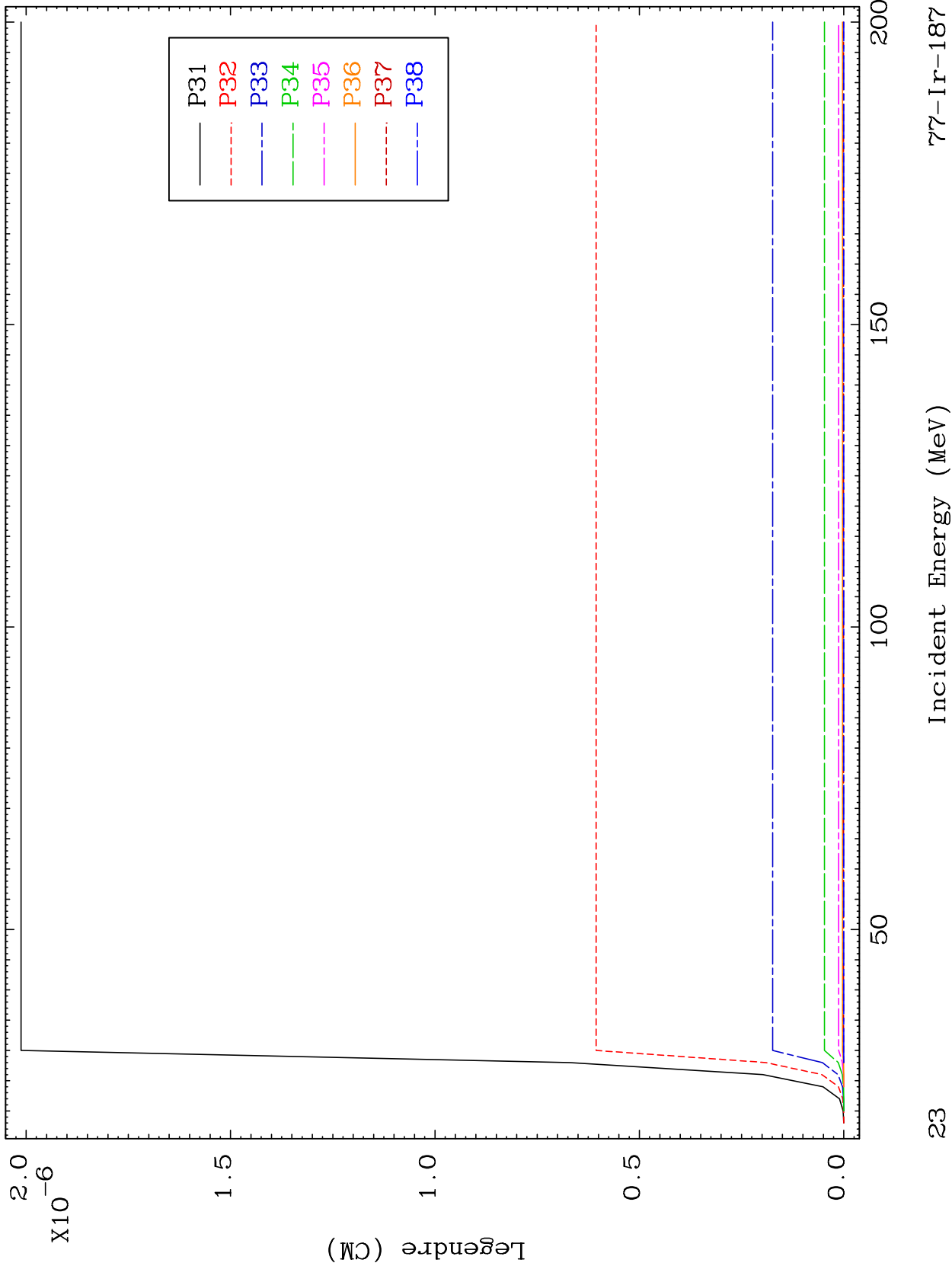
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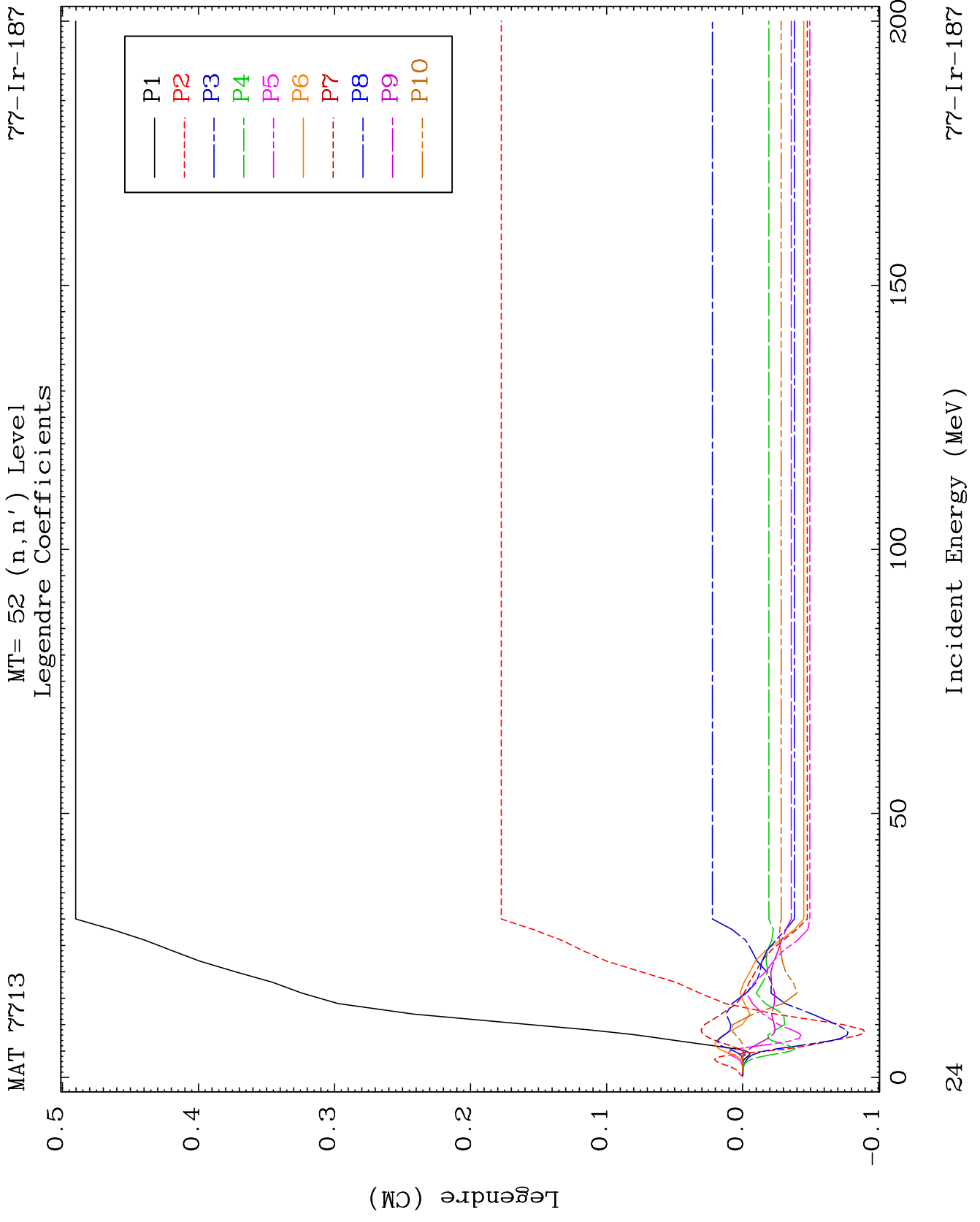


22

Incident Energy (MeV)

77-Ir-187

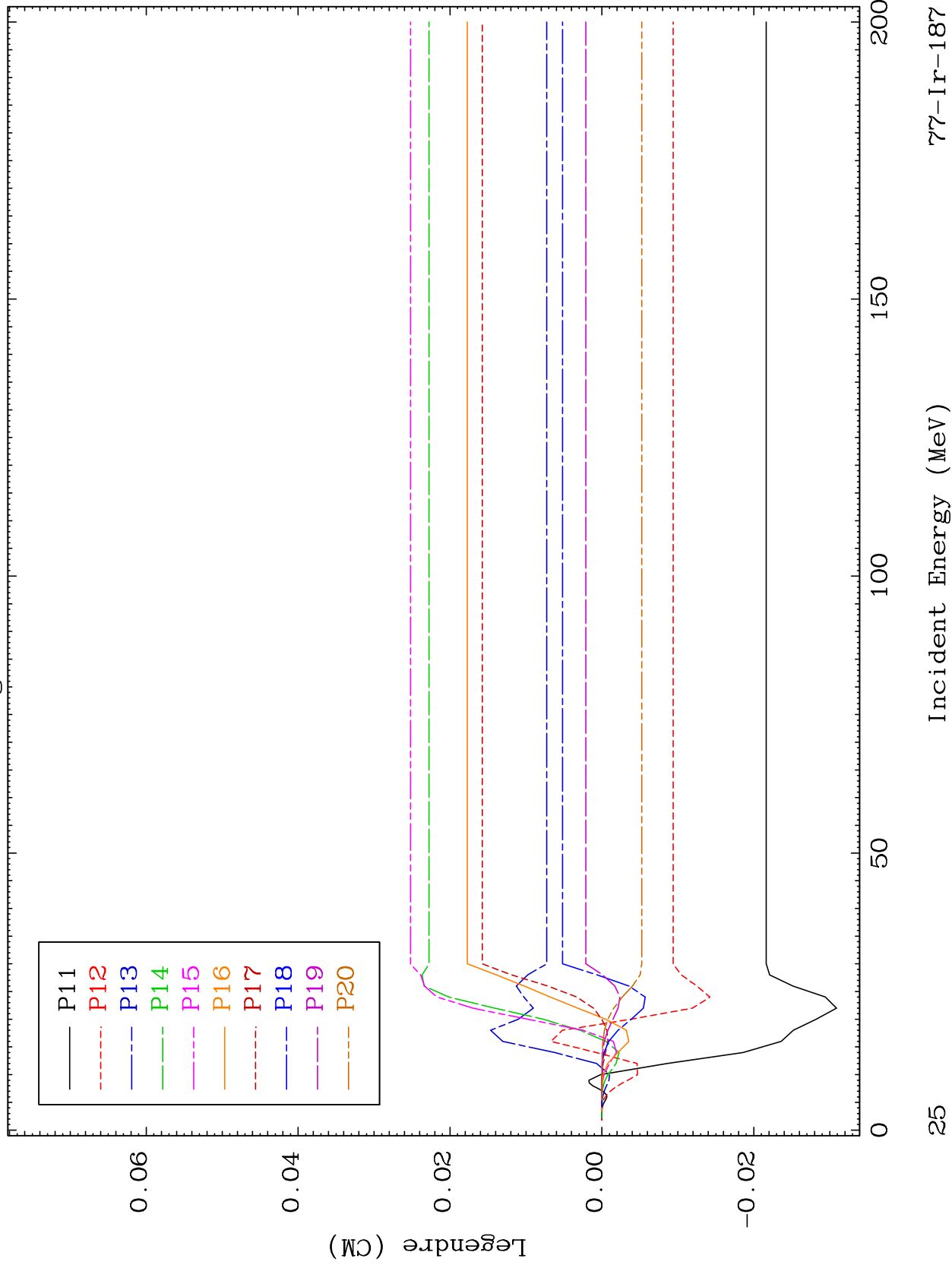




MAT 7713

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

77-Ir-187



77-Ir-187

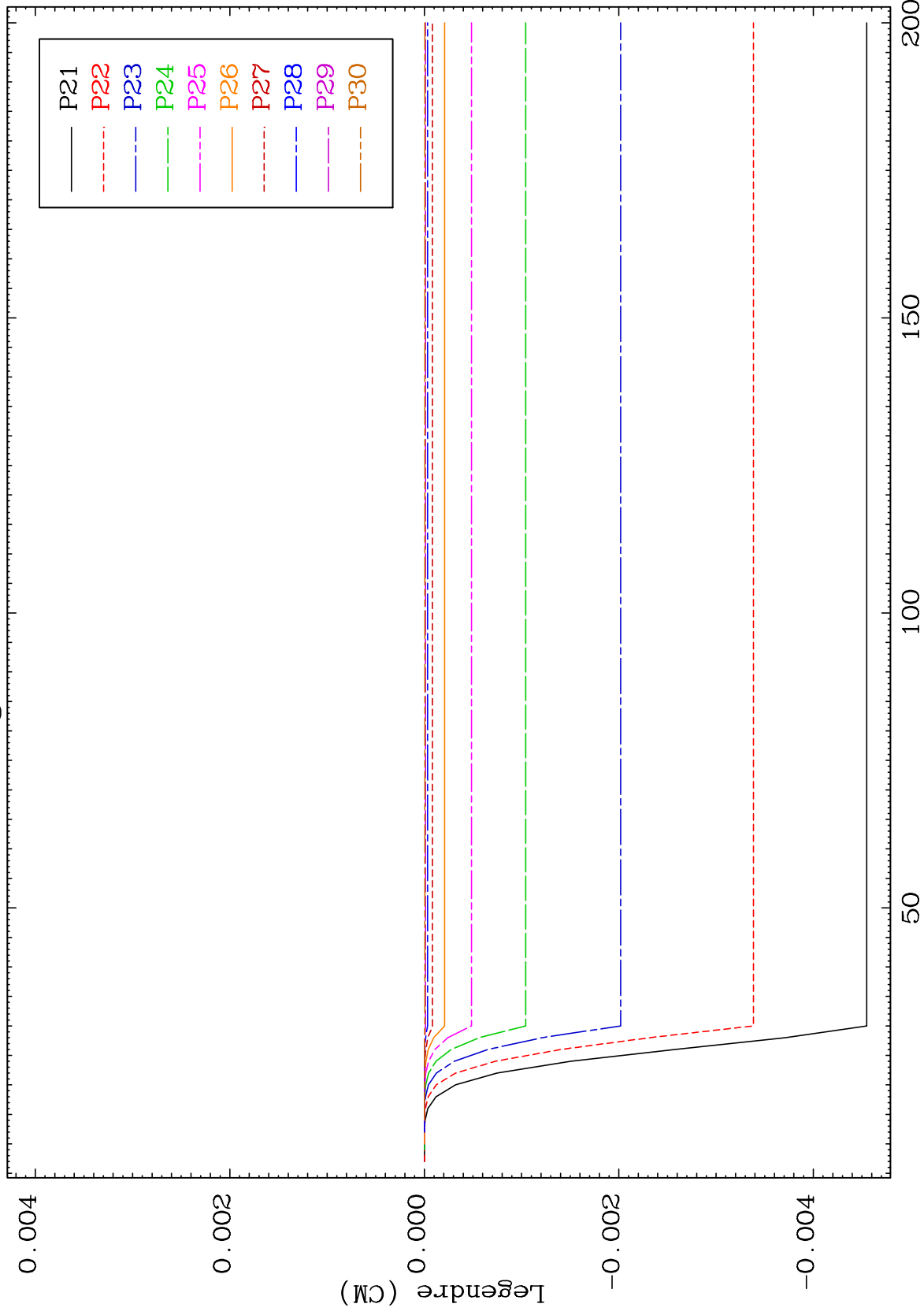
Incident Energy (MeV)

25

MAT 7713

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

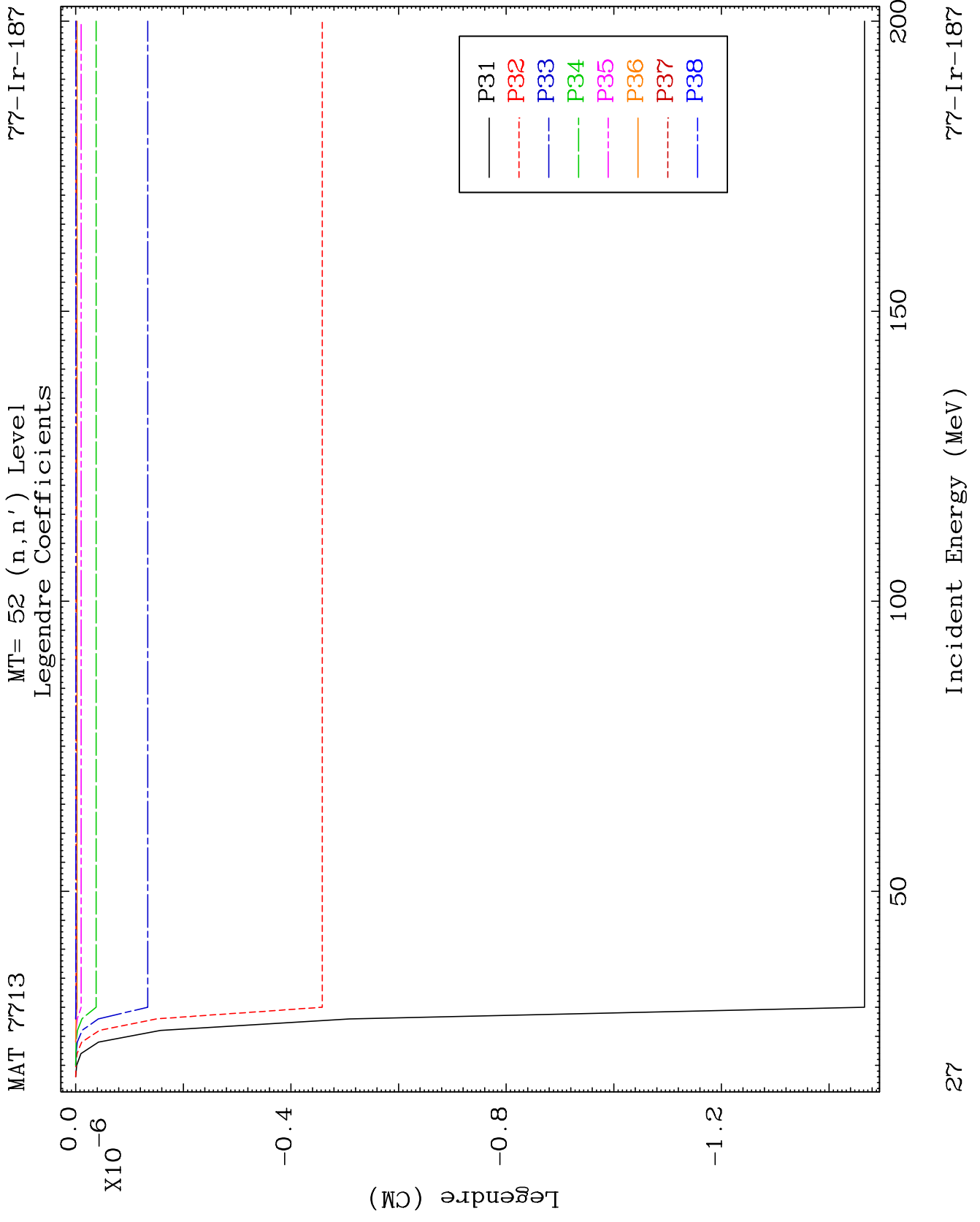
77-Ir-187



26

Incident Energy (MeV)

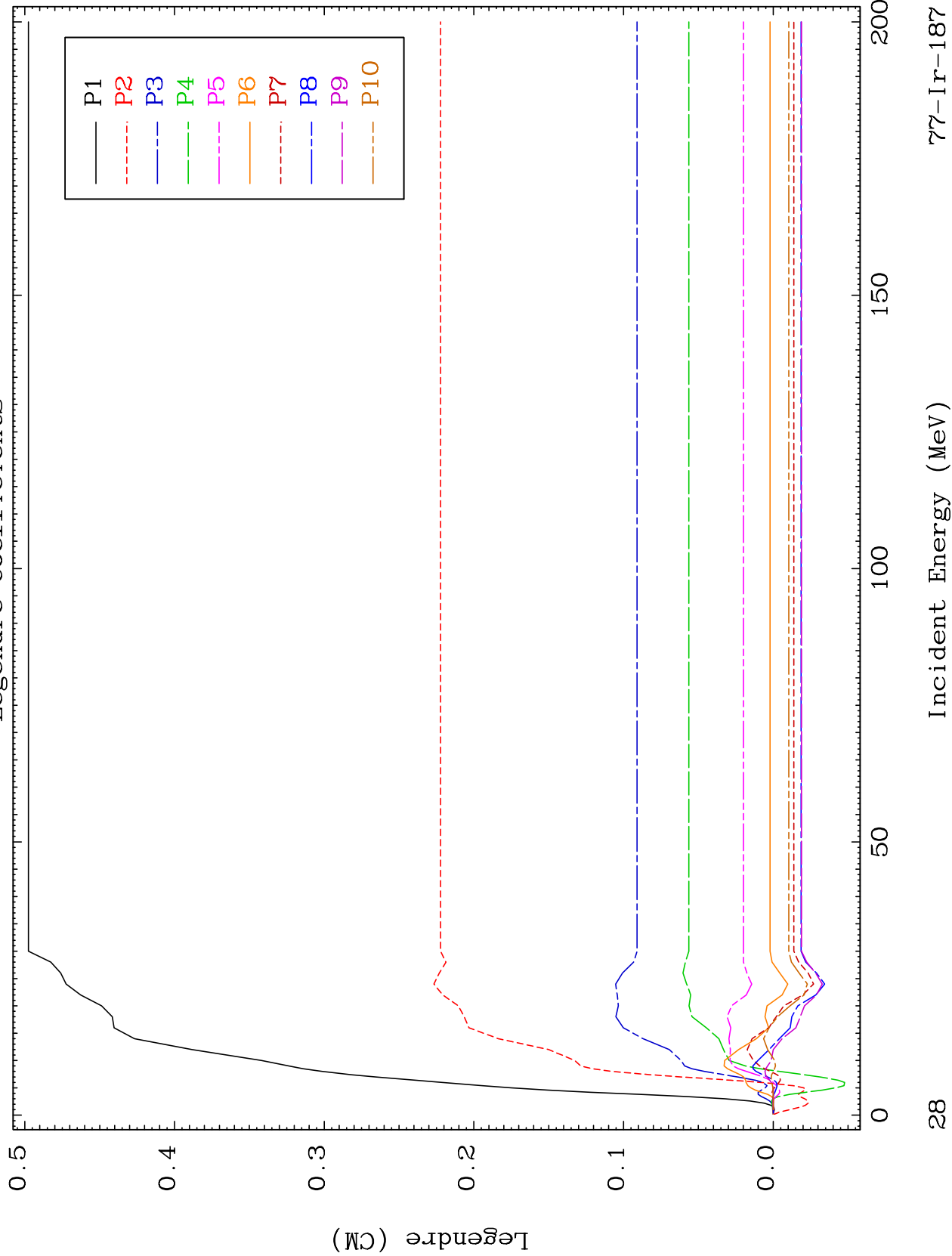
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

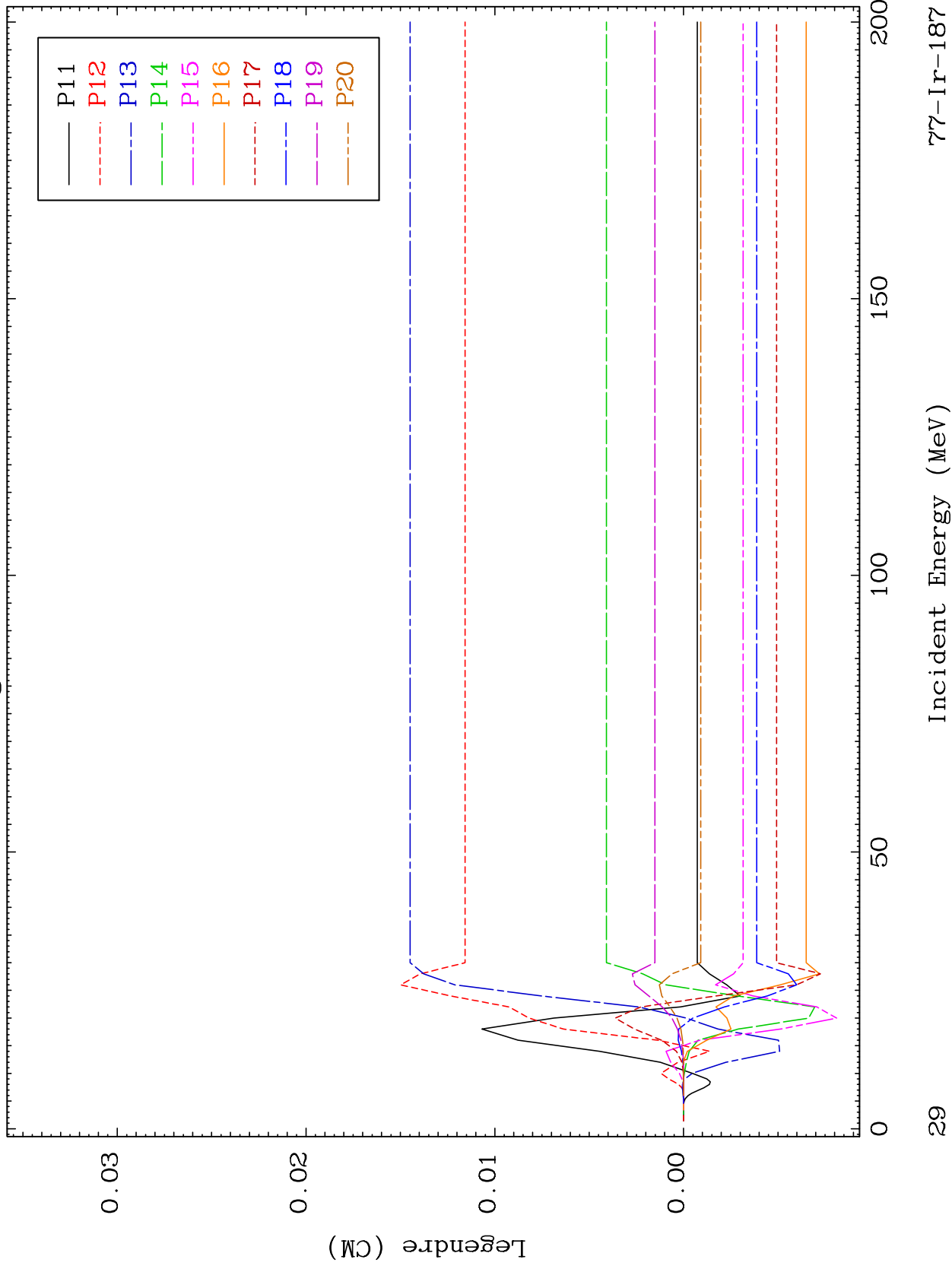
Incident Energy (MeV)

28

MAT 7713

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

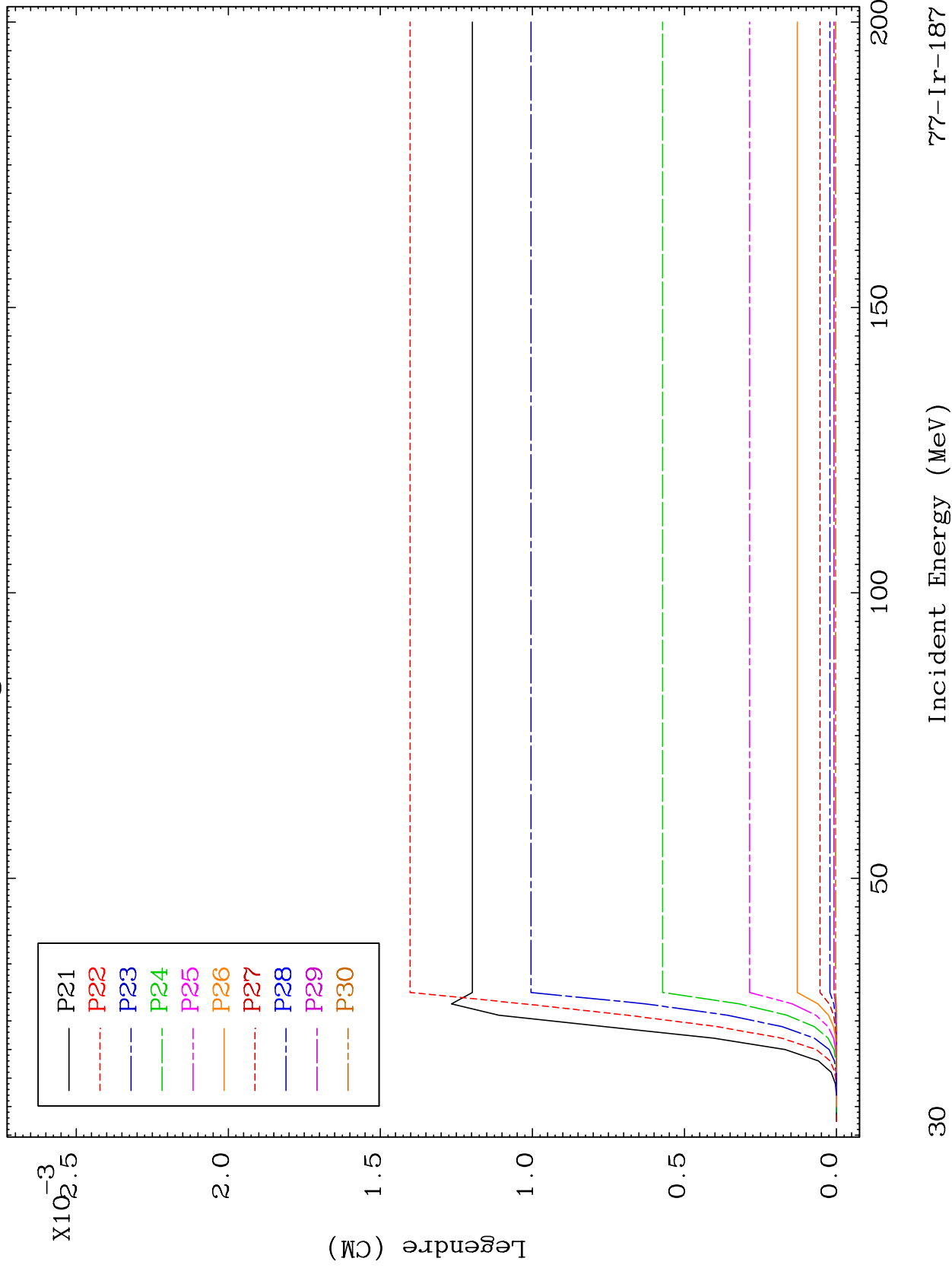
77-Ir-187



MAT 7713

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

77-Ir-187



30

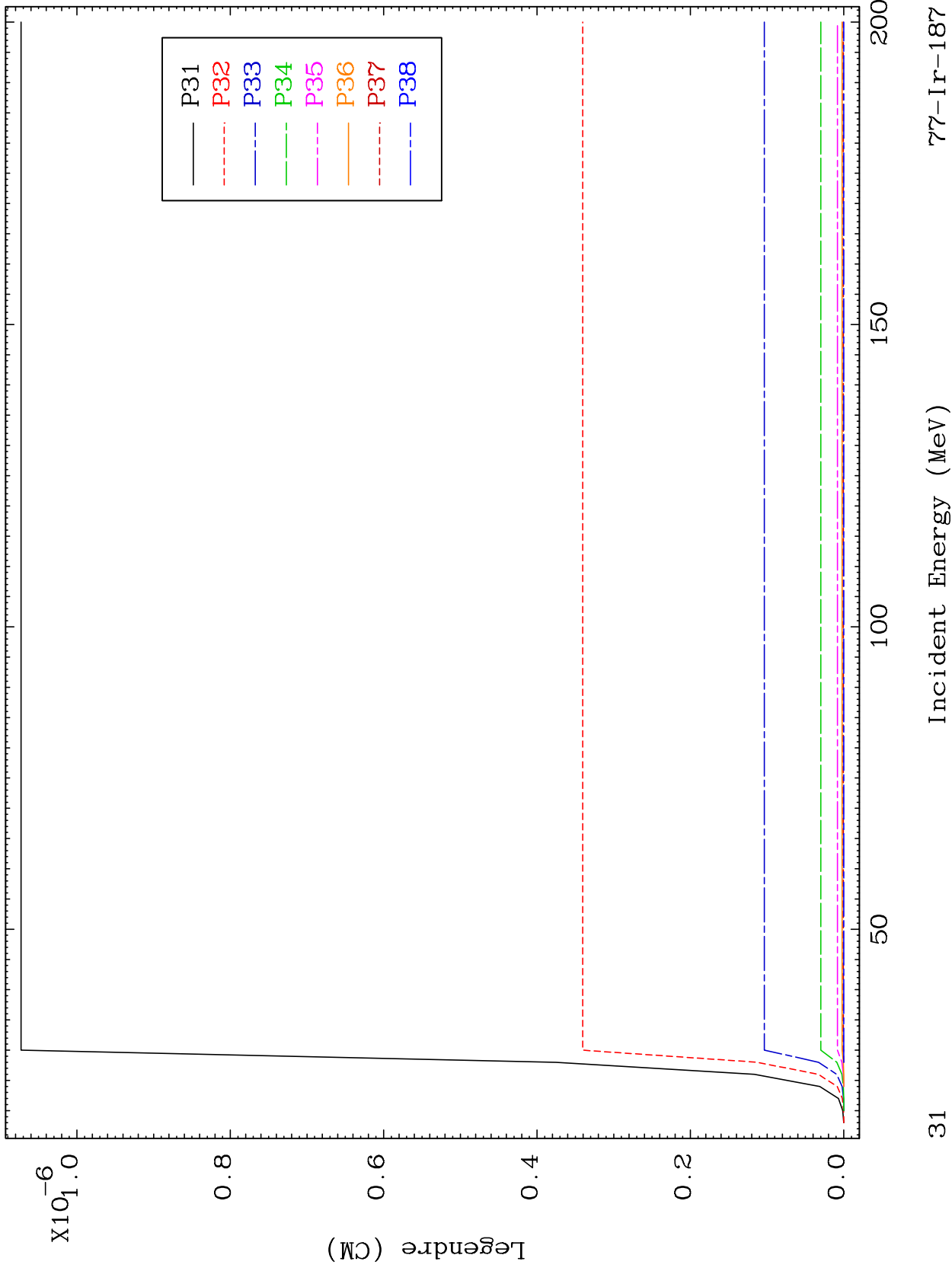
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187

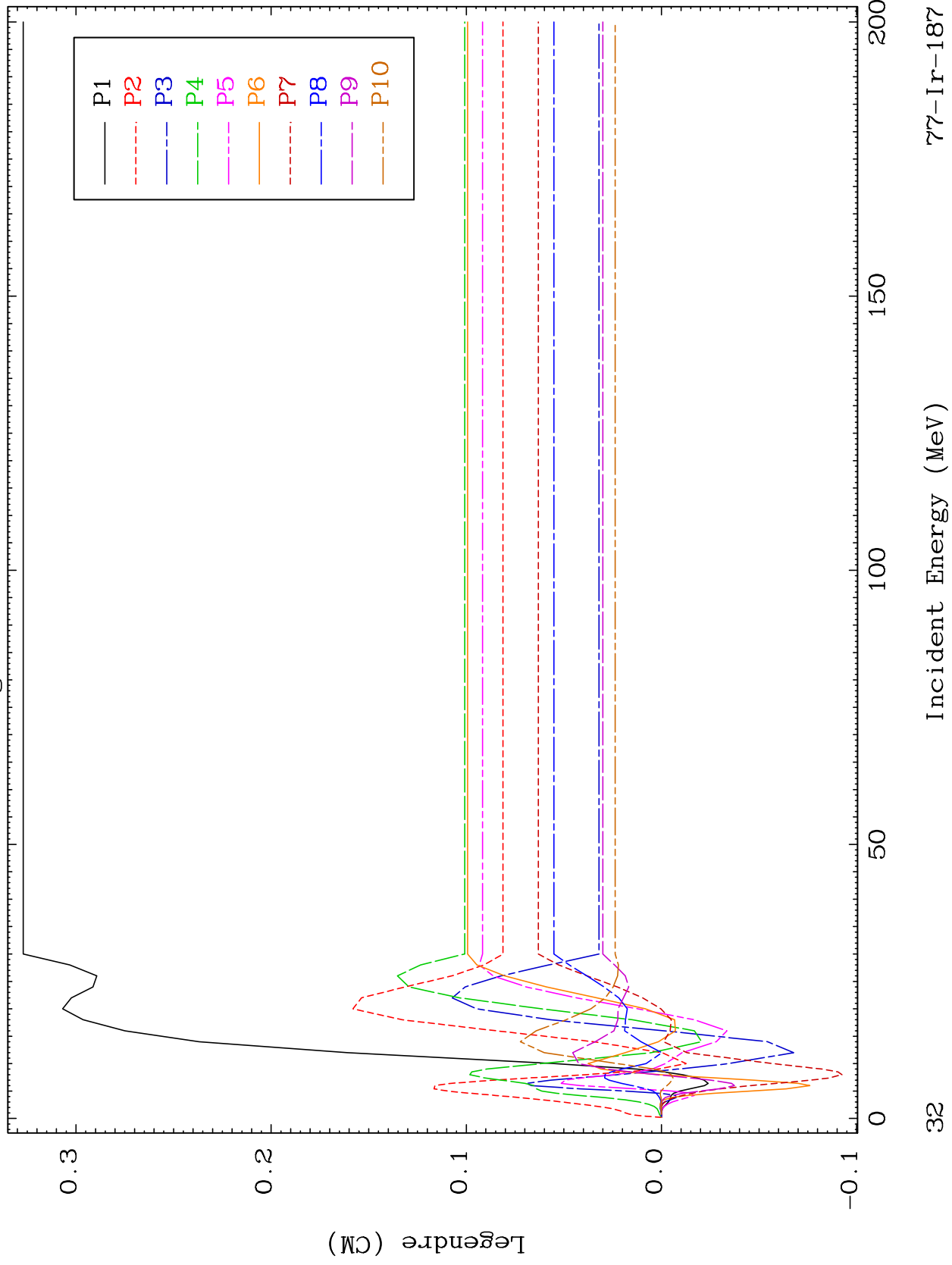


31

MAT 7713

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

77-Ir-187



77-Ir-187

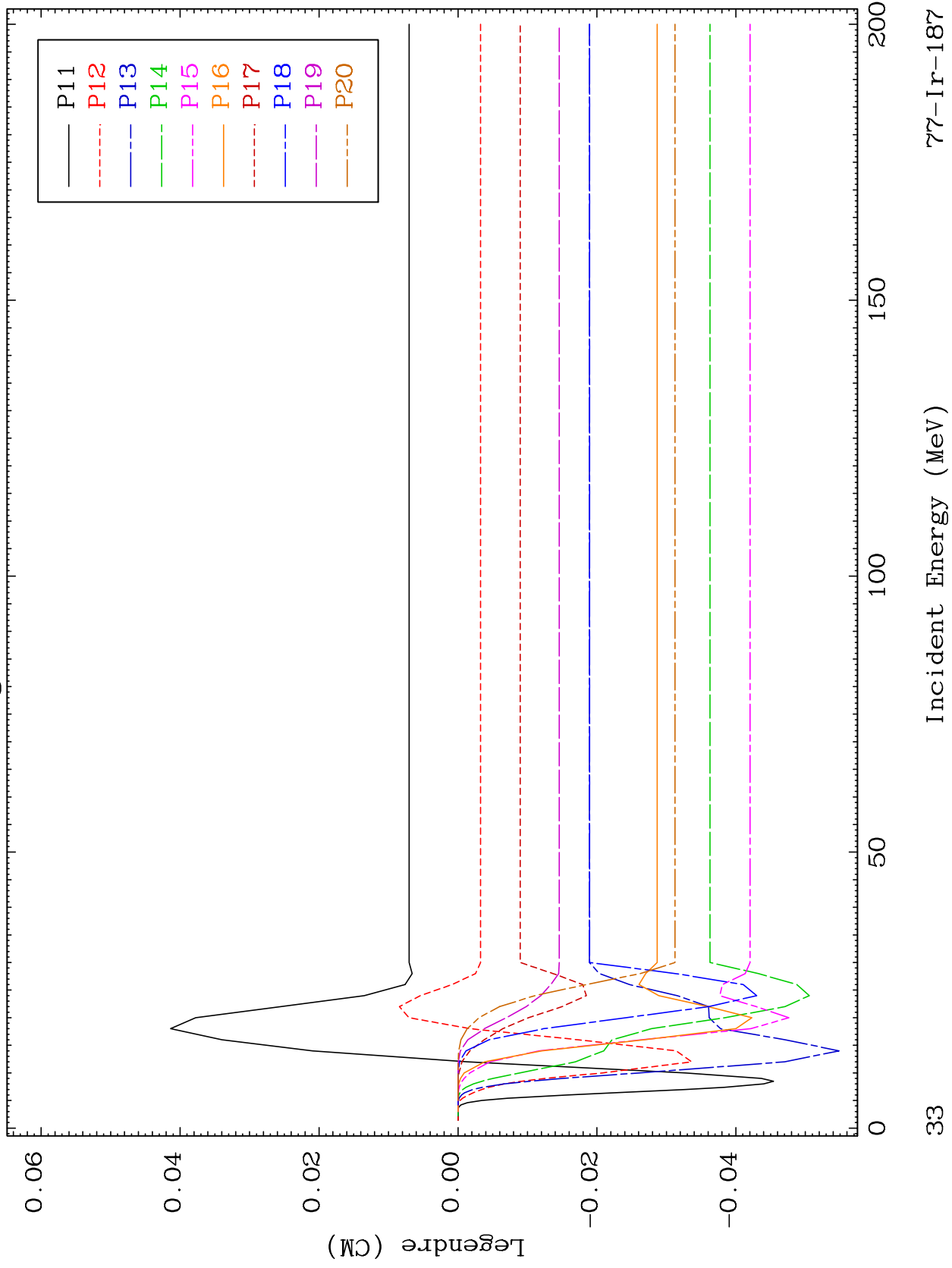
Incident Energy (MeV)

32

MAT 7713

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

77-Ir-187



33

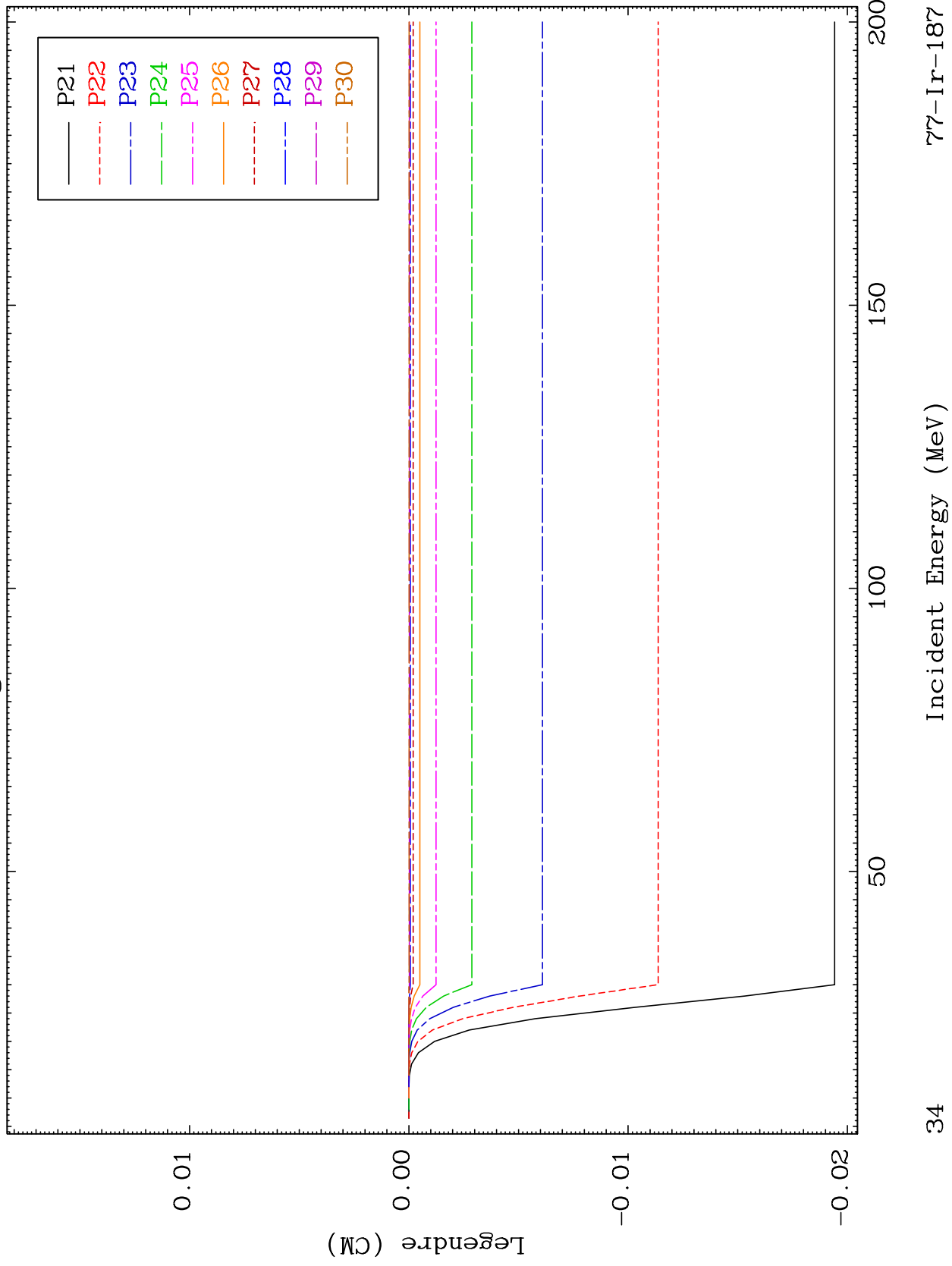
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



34

Incident Energy (MeV)

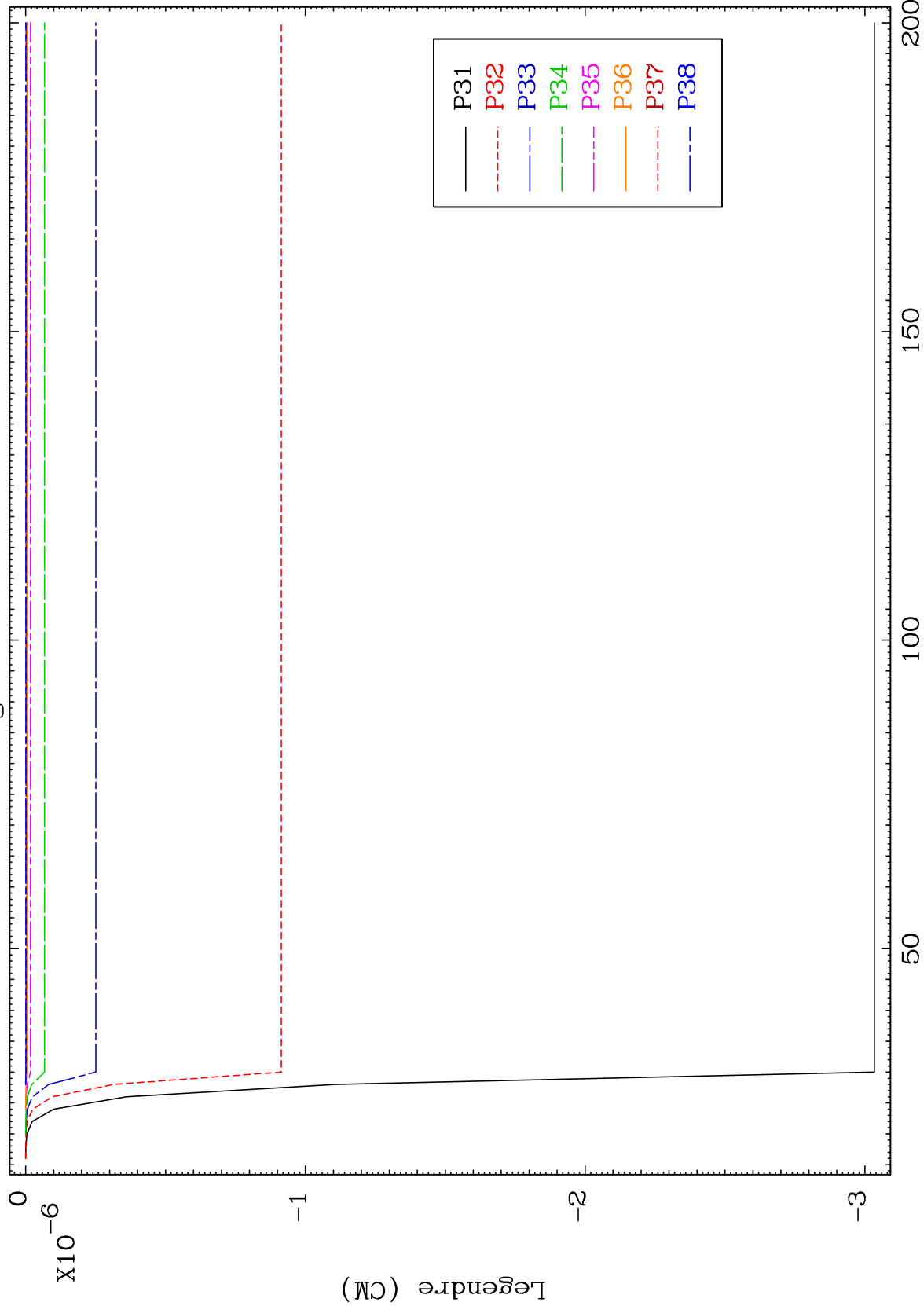
77-Ir-187

MAT 7713

MT= 54 (n,n') Level

77-Ir-187

Legendre Coefficients



35

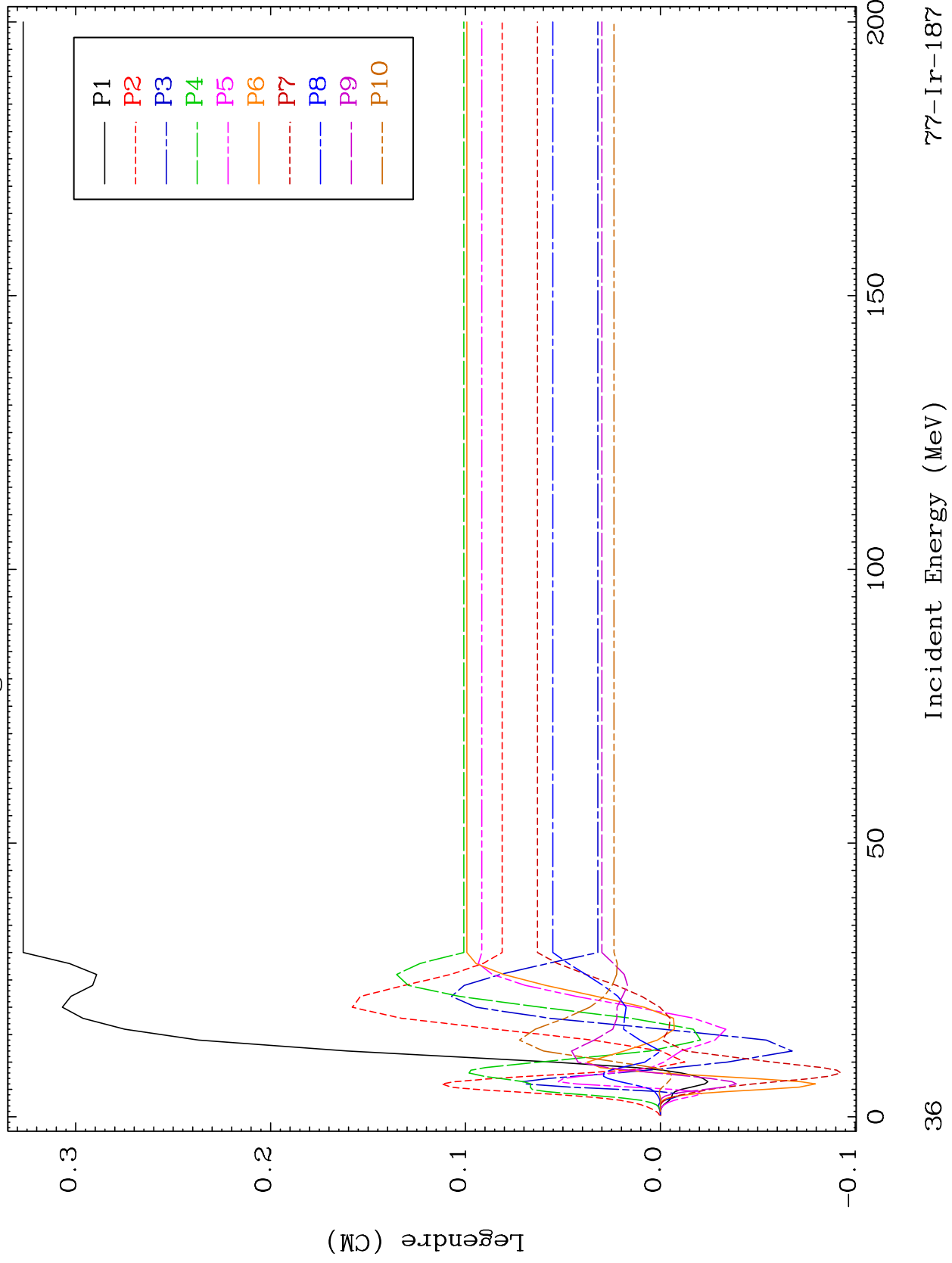
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

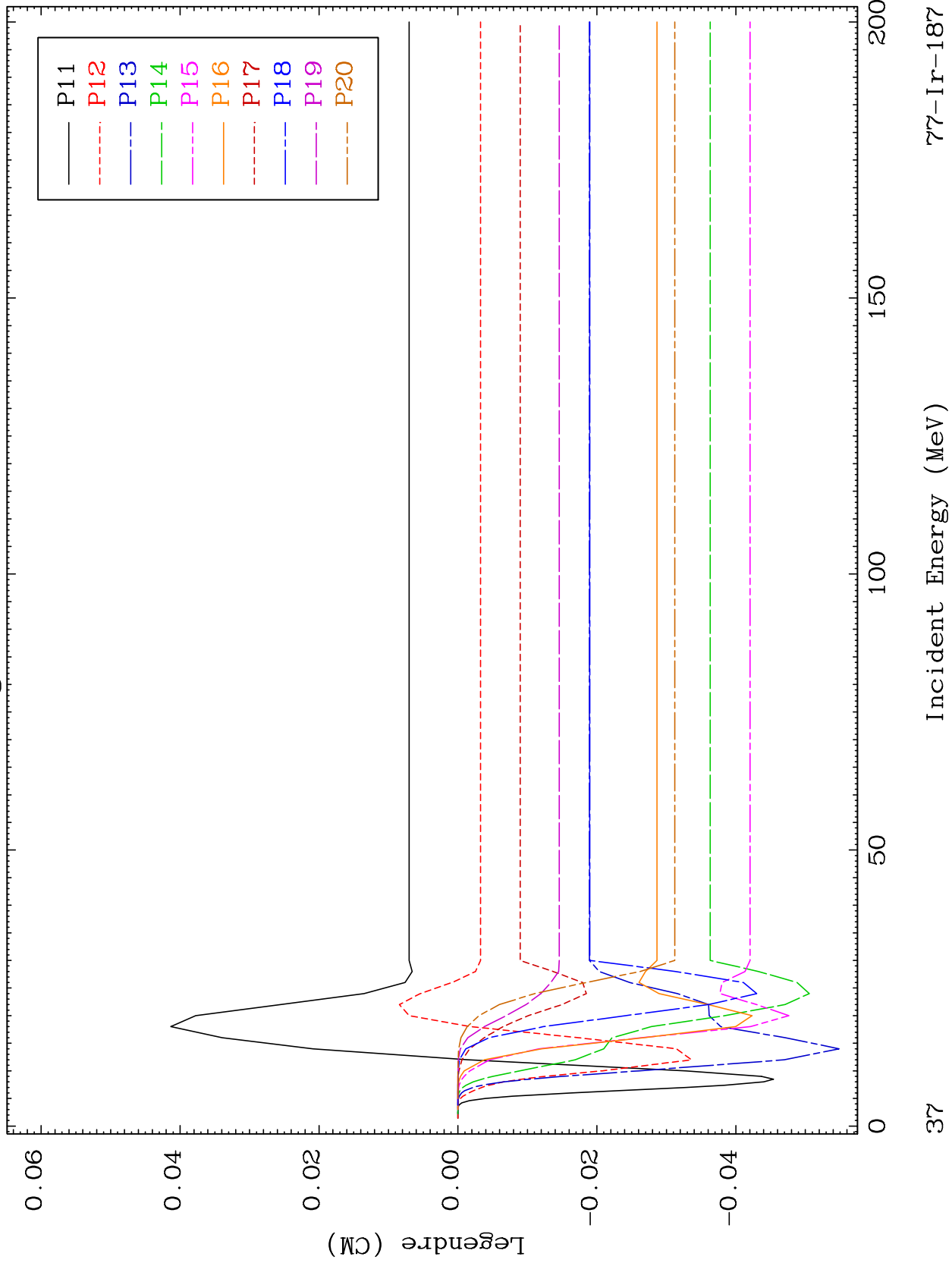
Incident Energy (MeV)

36

MAT 7713

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

77-Ir-187



77-Ir-187

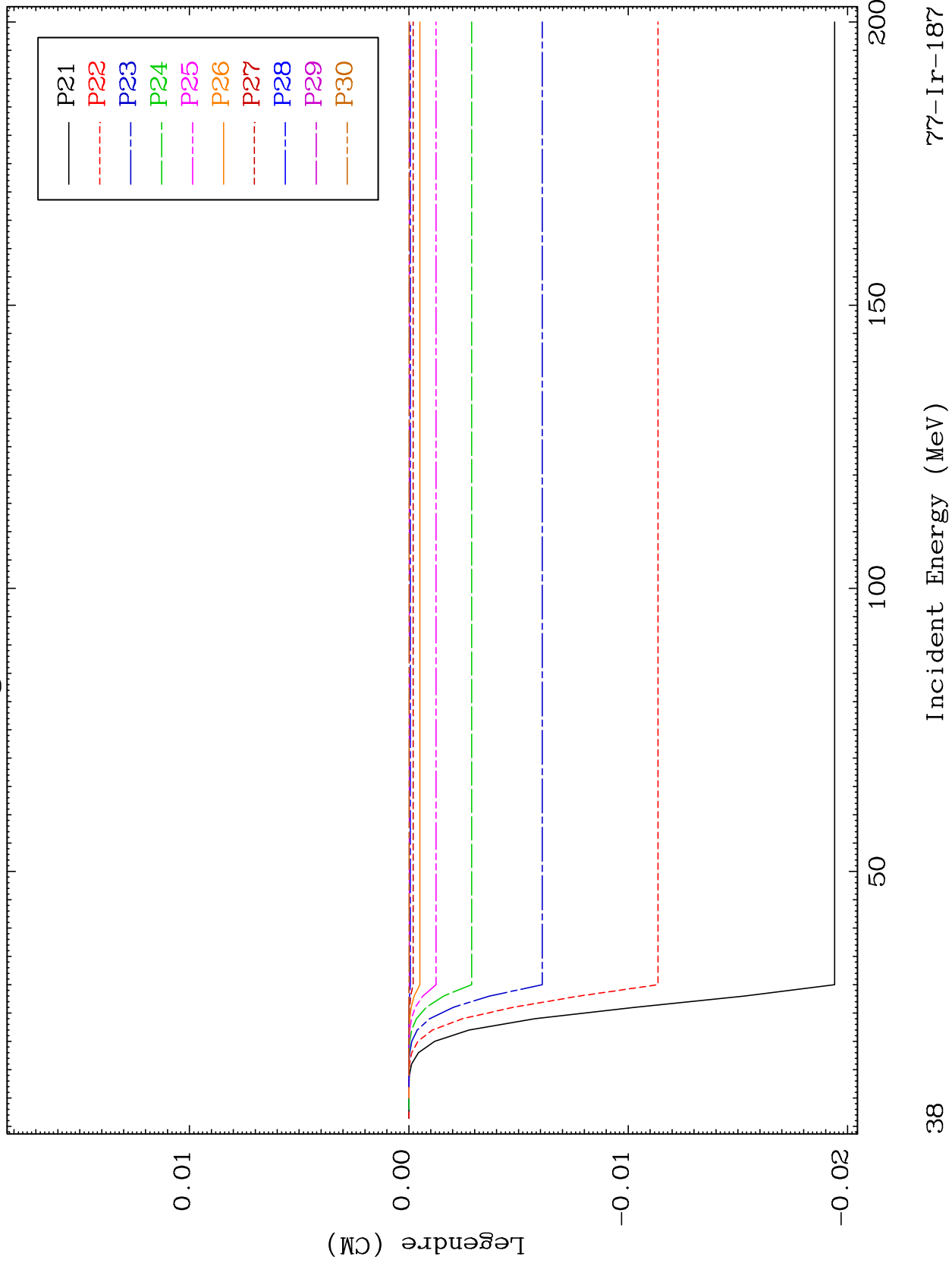
Incident Energy (MeV)

37

MAT 7713

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

77-Ir-187



38

Incident Energy (MeV)

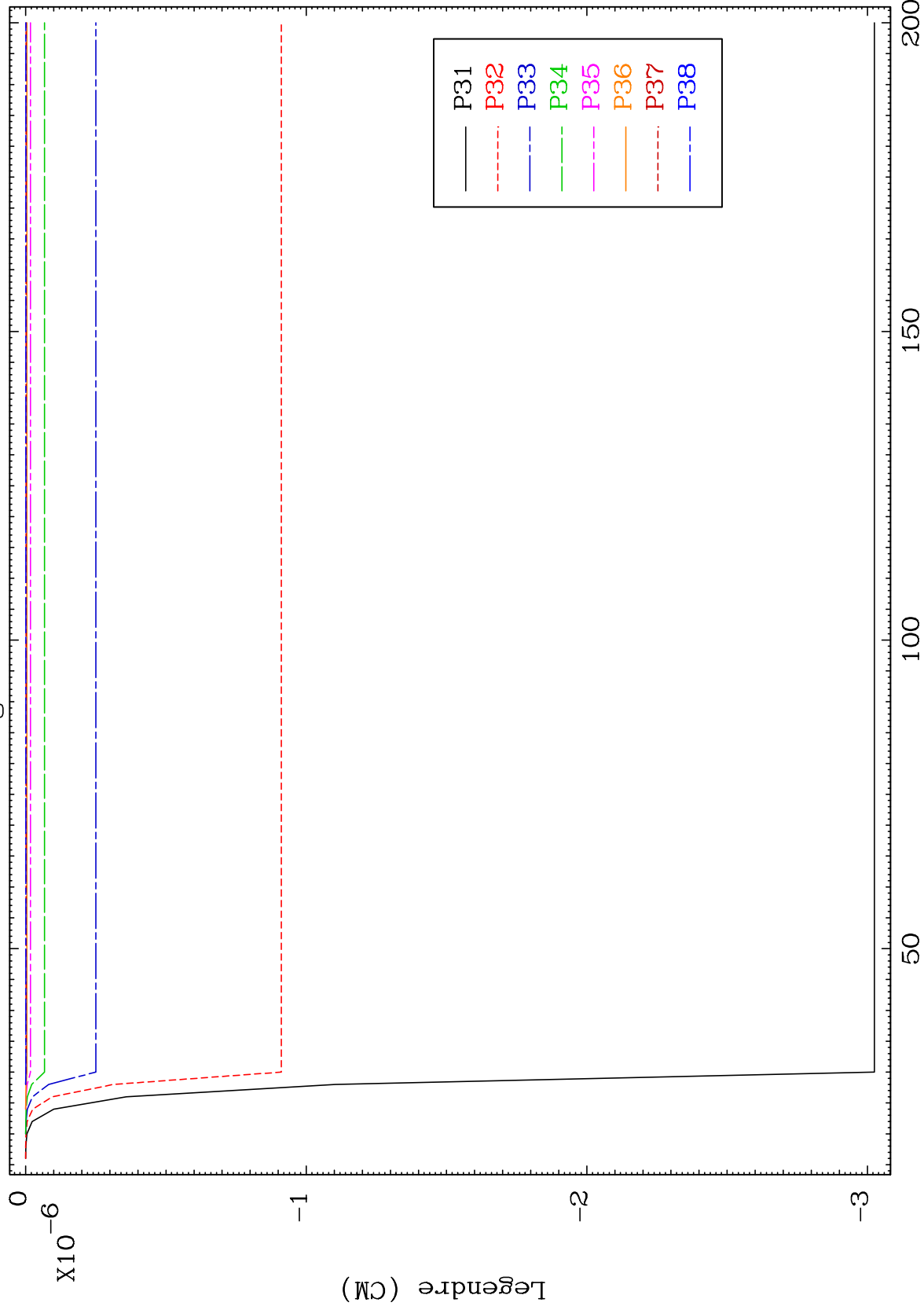
77-Ir-187

MAT 7713

MT= 55 (n,n') Level

77-Ir-187

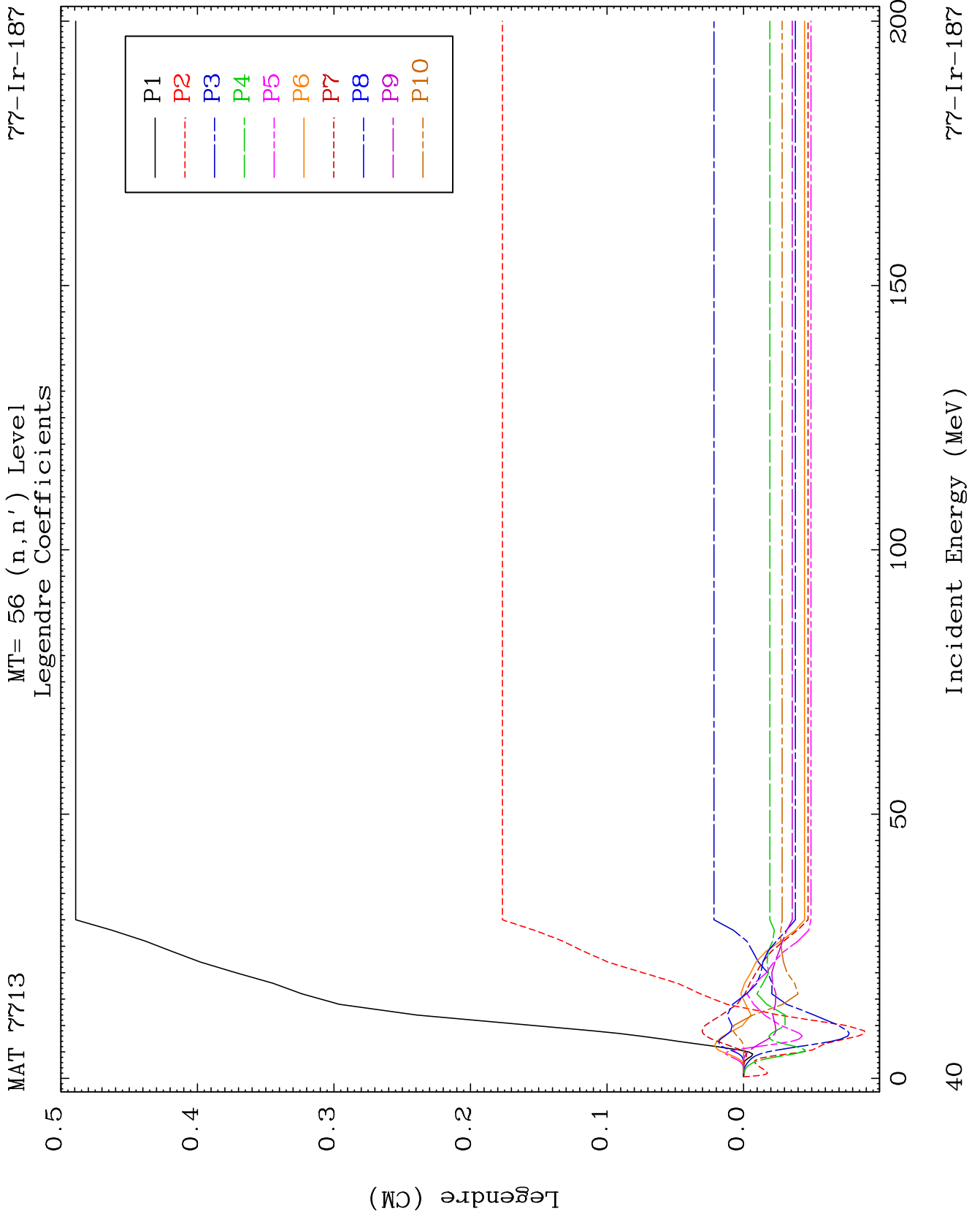
Legendre Coefficients



39

Incident Energy (MeV)

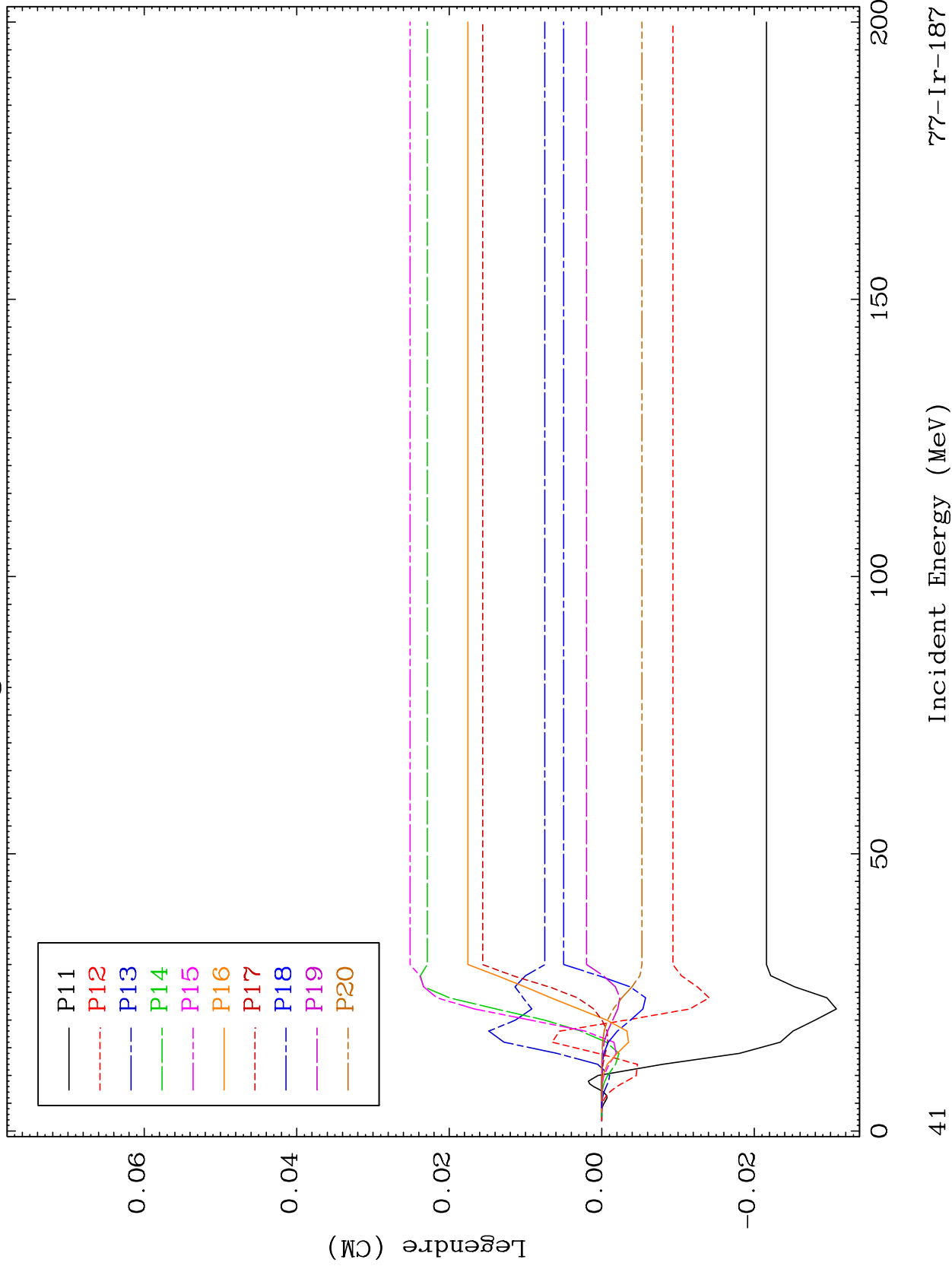
77-Ir-187



MAT 7713

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

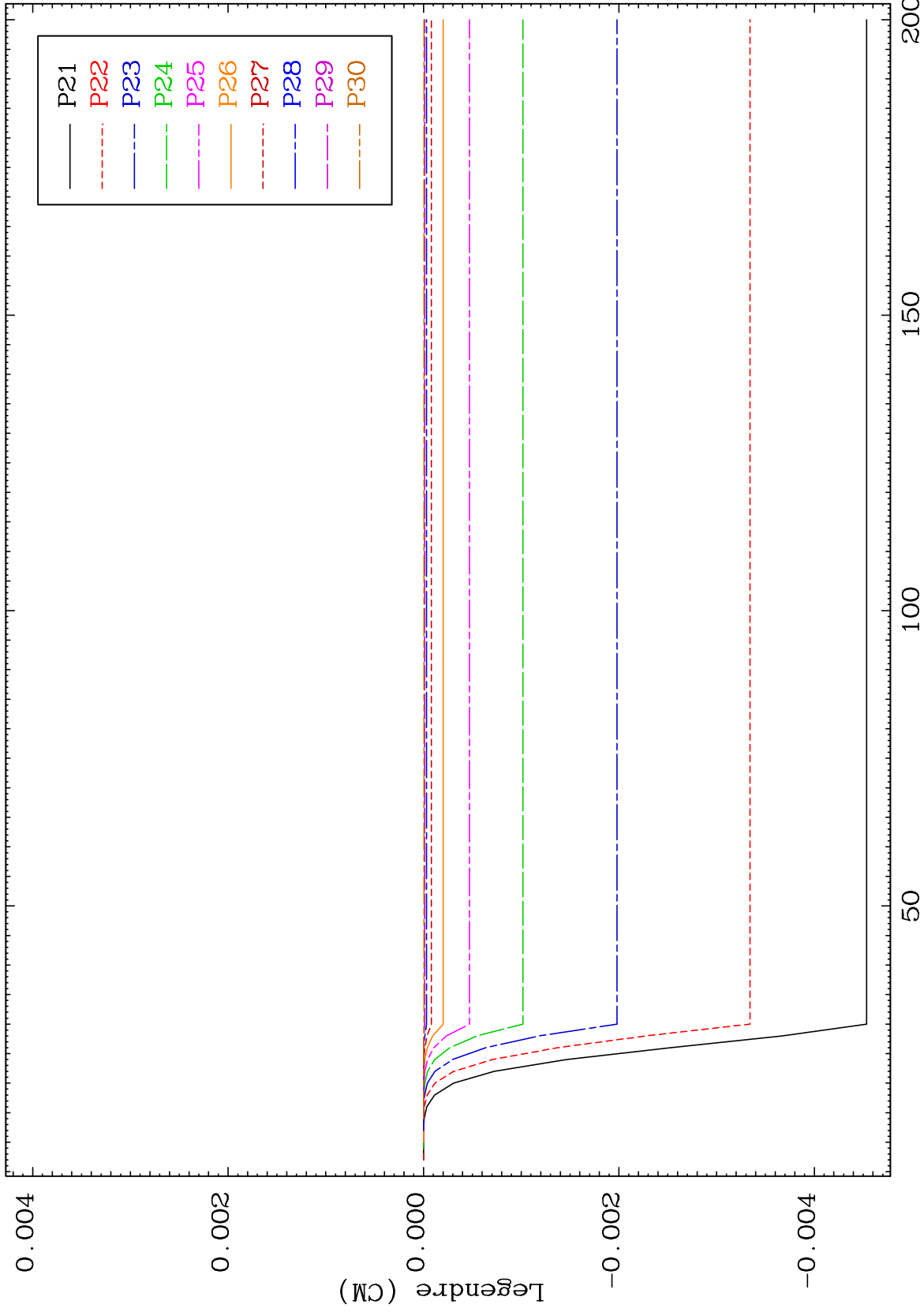
77-Ir-187



MAT 7713

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

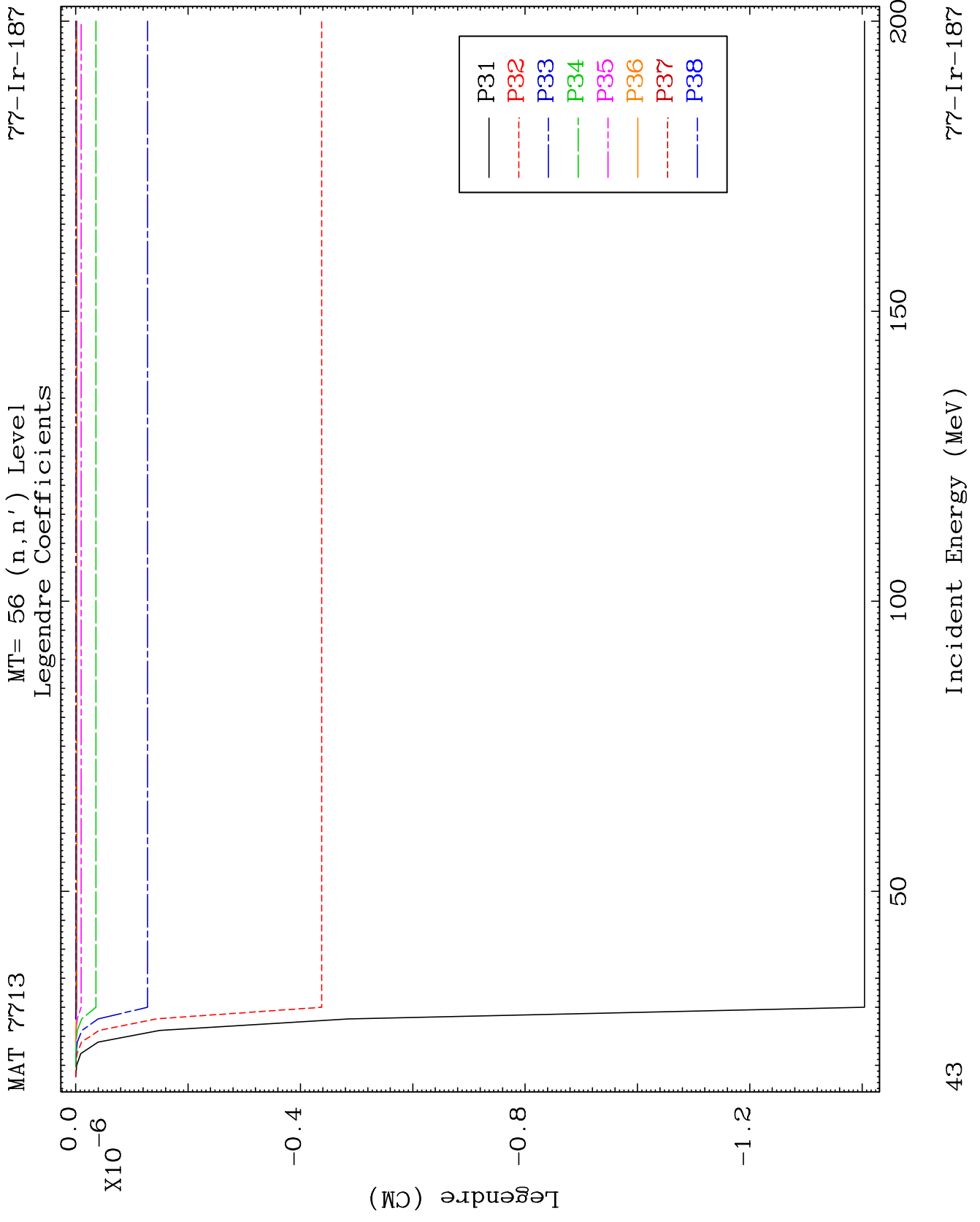
77-Ir-187



42

Incident Energy (MeV)

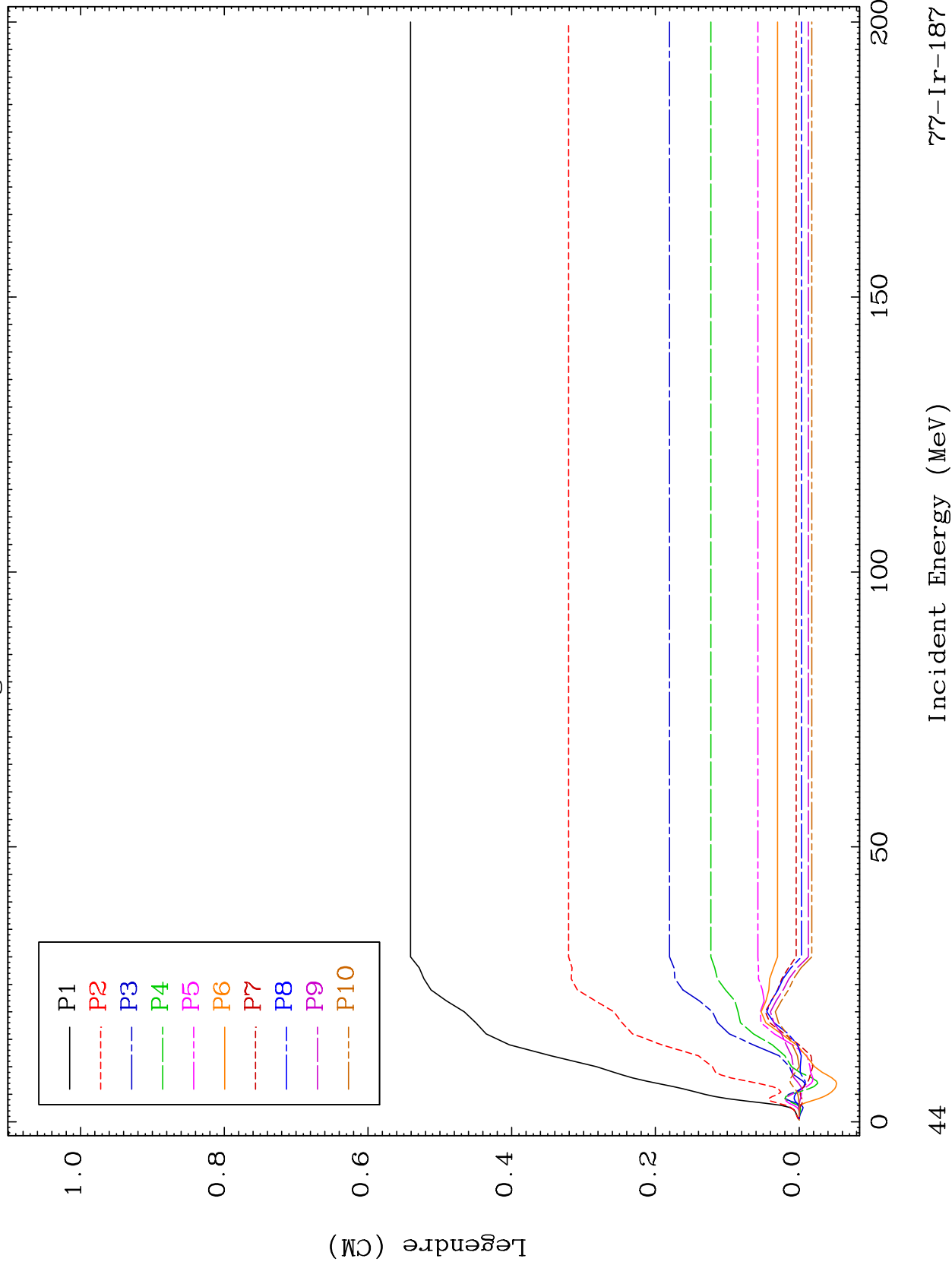
77-Ir-187



MAT 7713

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

77-Ir-187

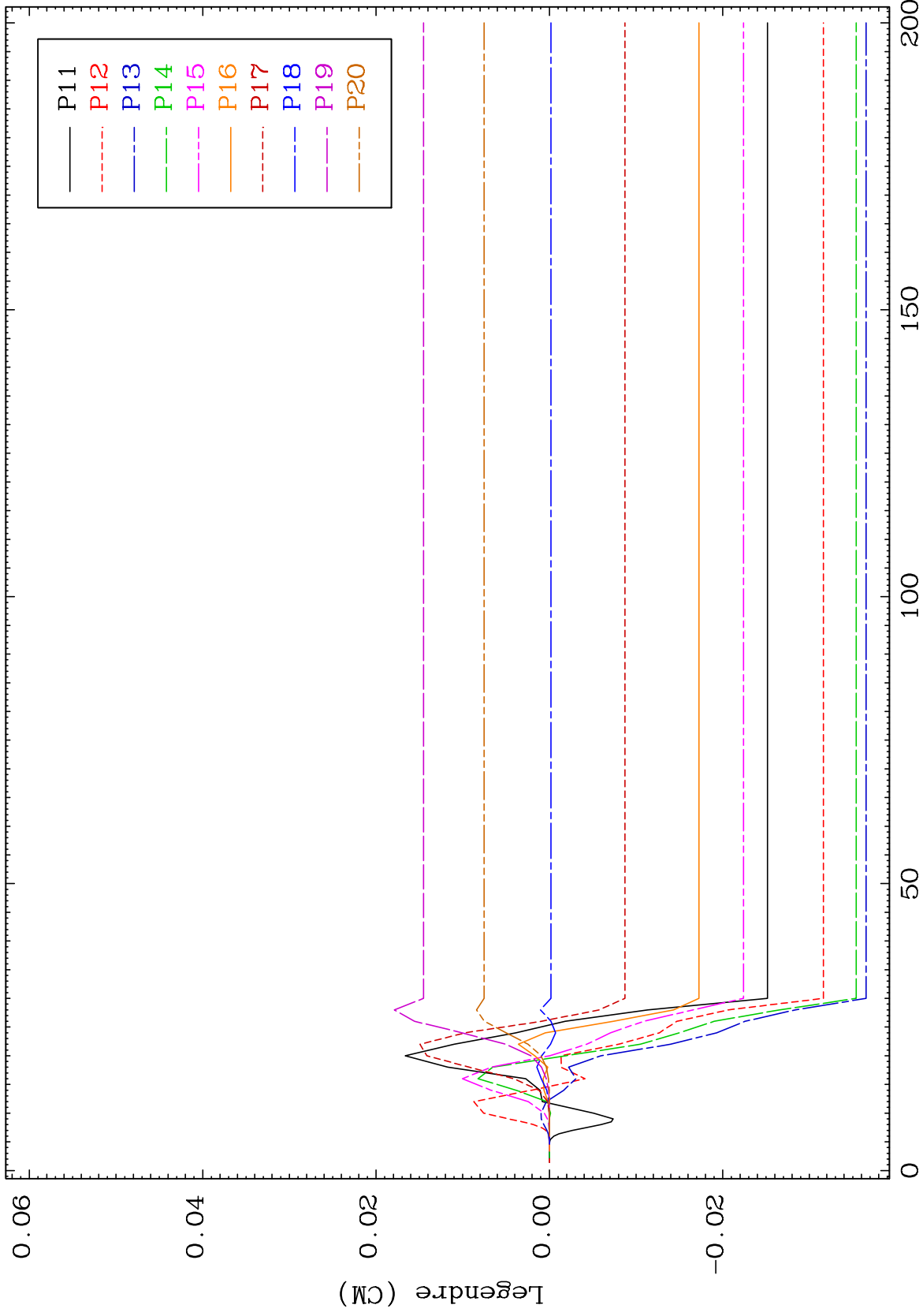


44

MAT 7713

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

77-Ir-187



45

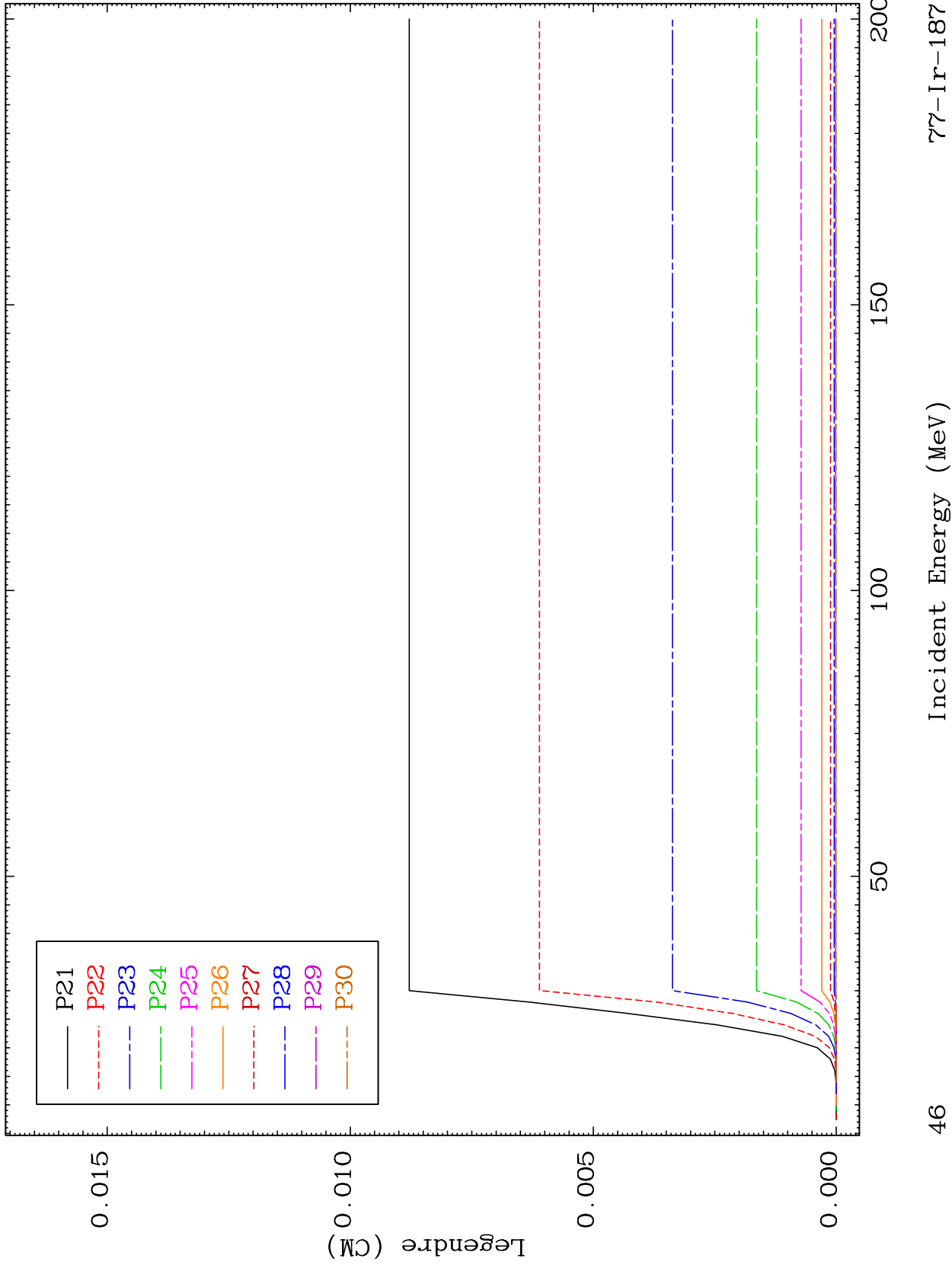
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



46

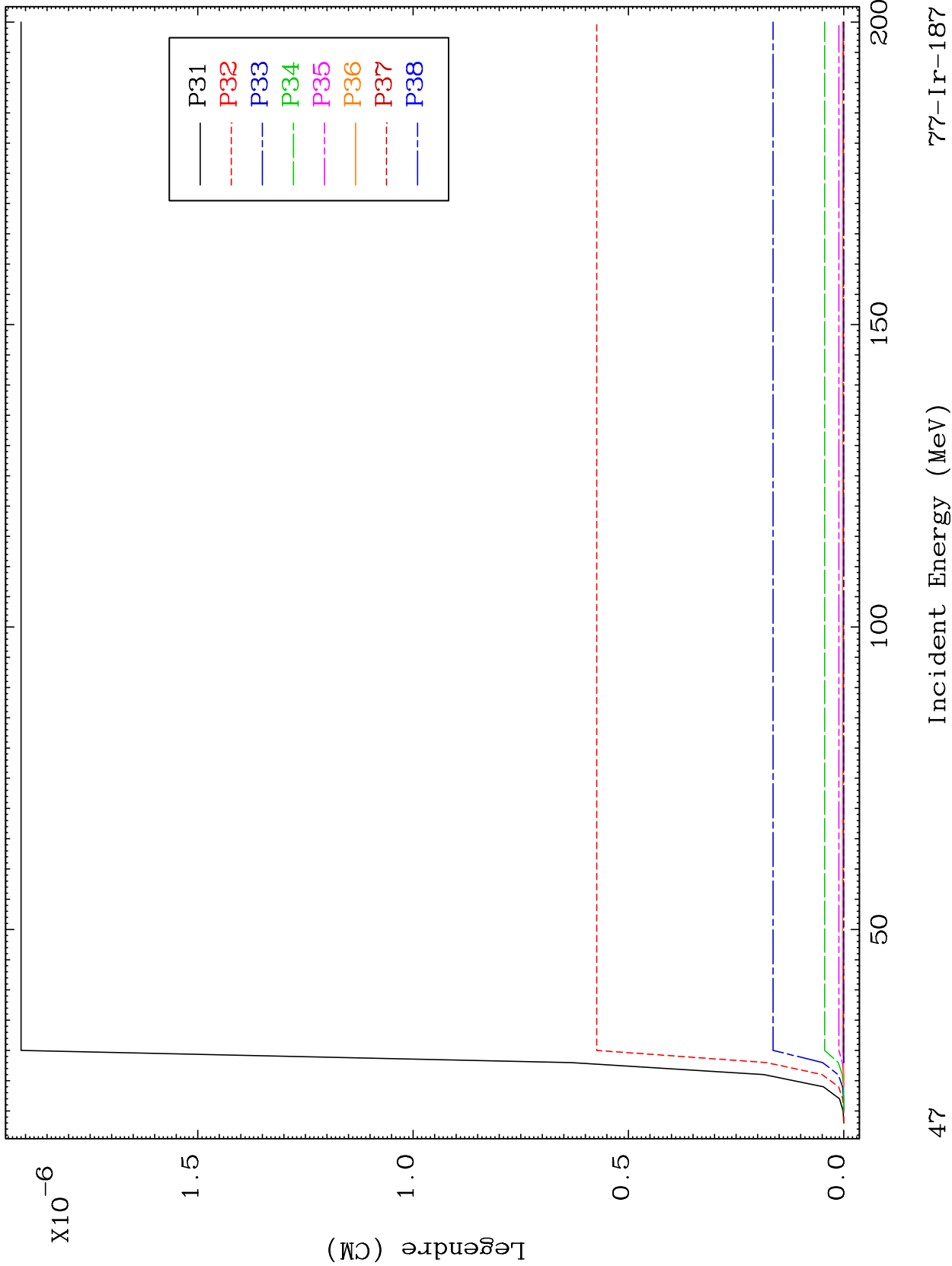
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



47

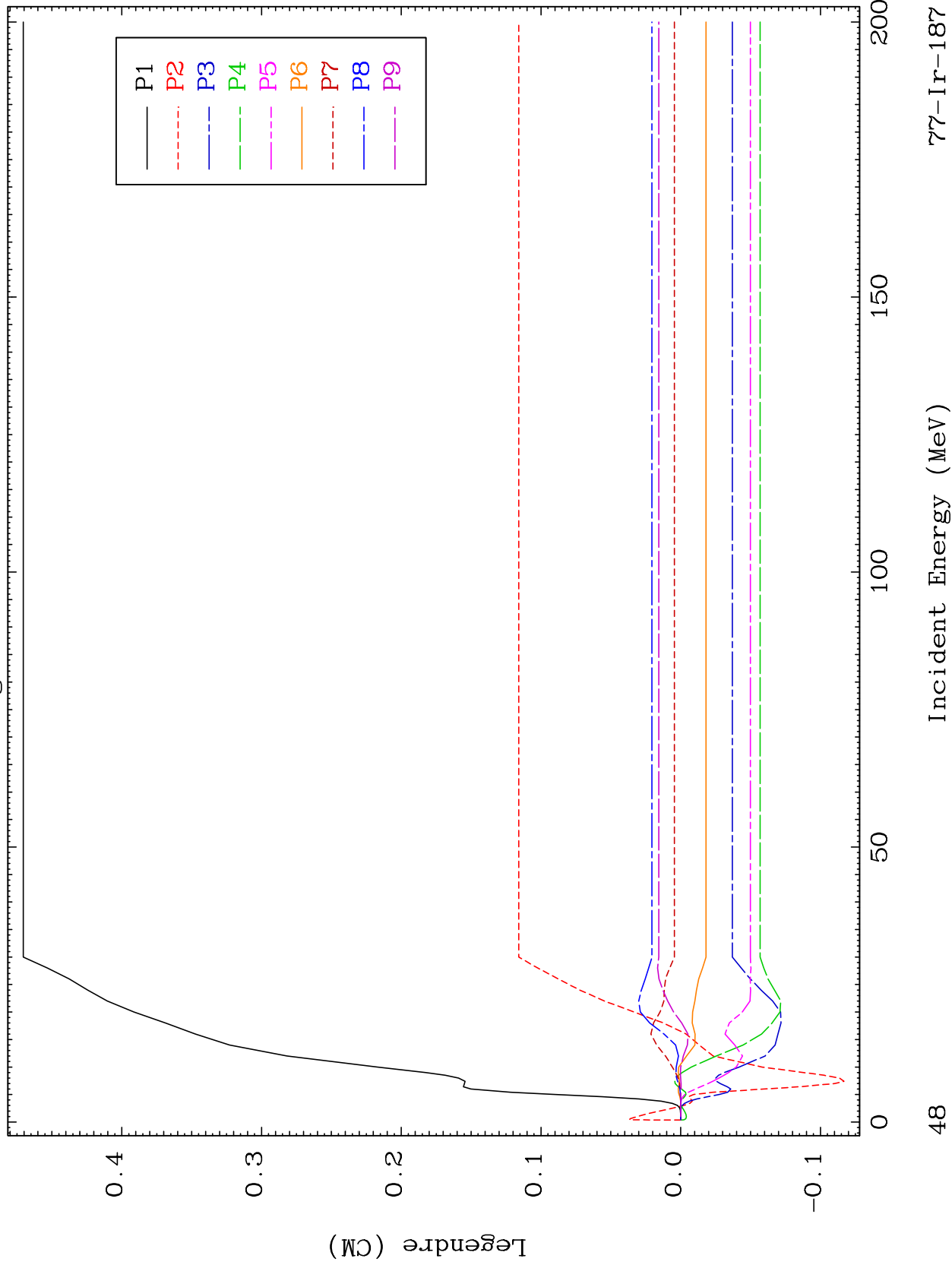
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

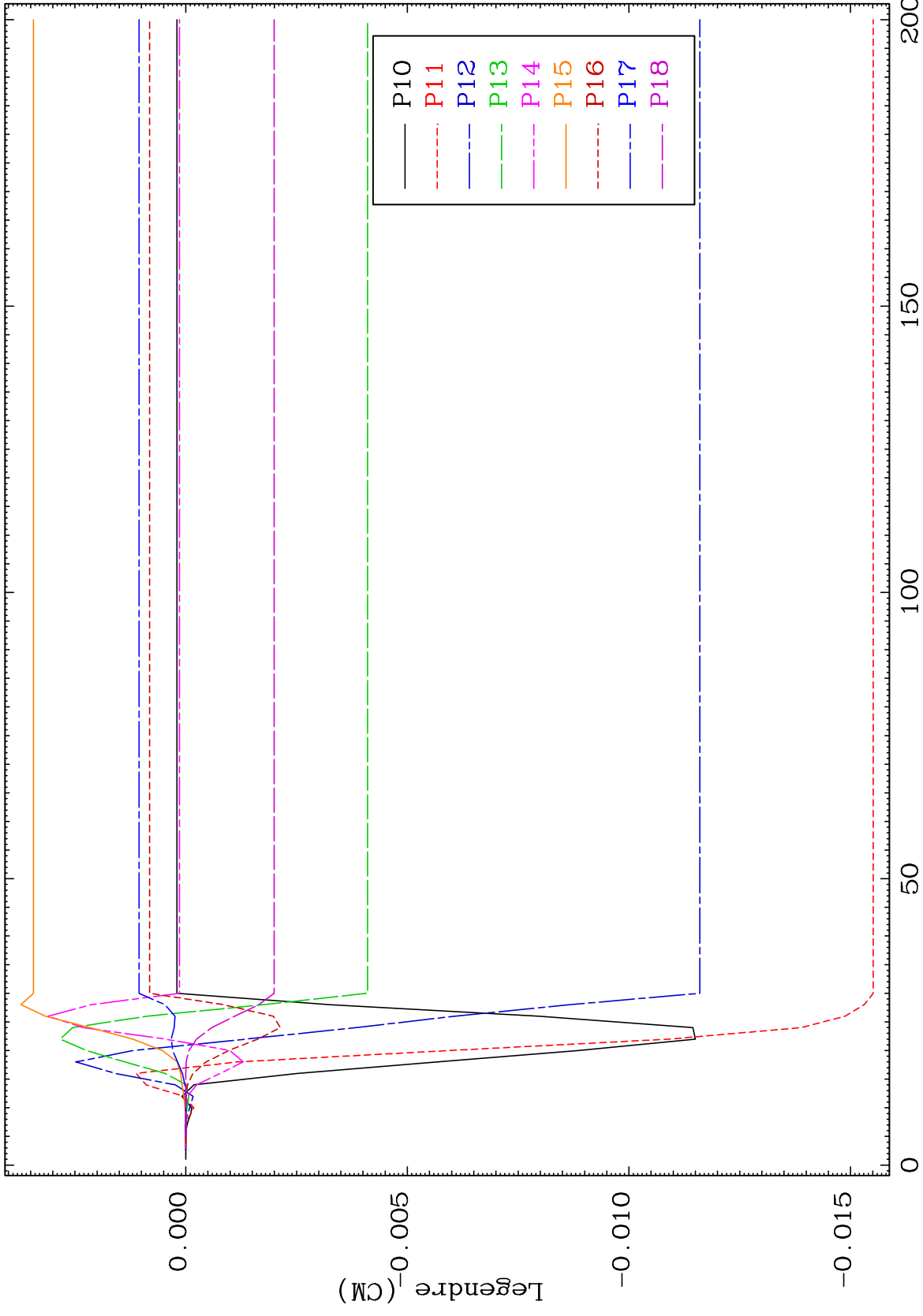
Incident Energy (MeV)

48

MAT 7713

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

77-Ir-187



49

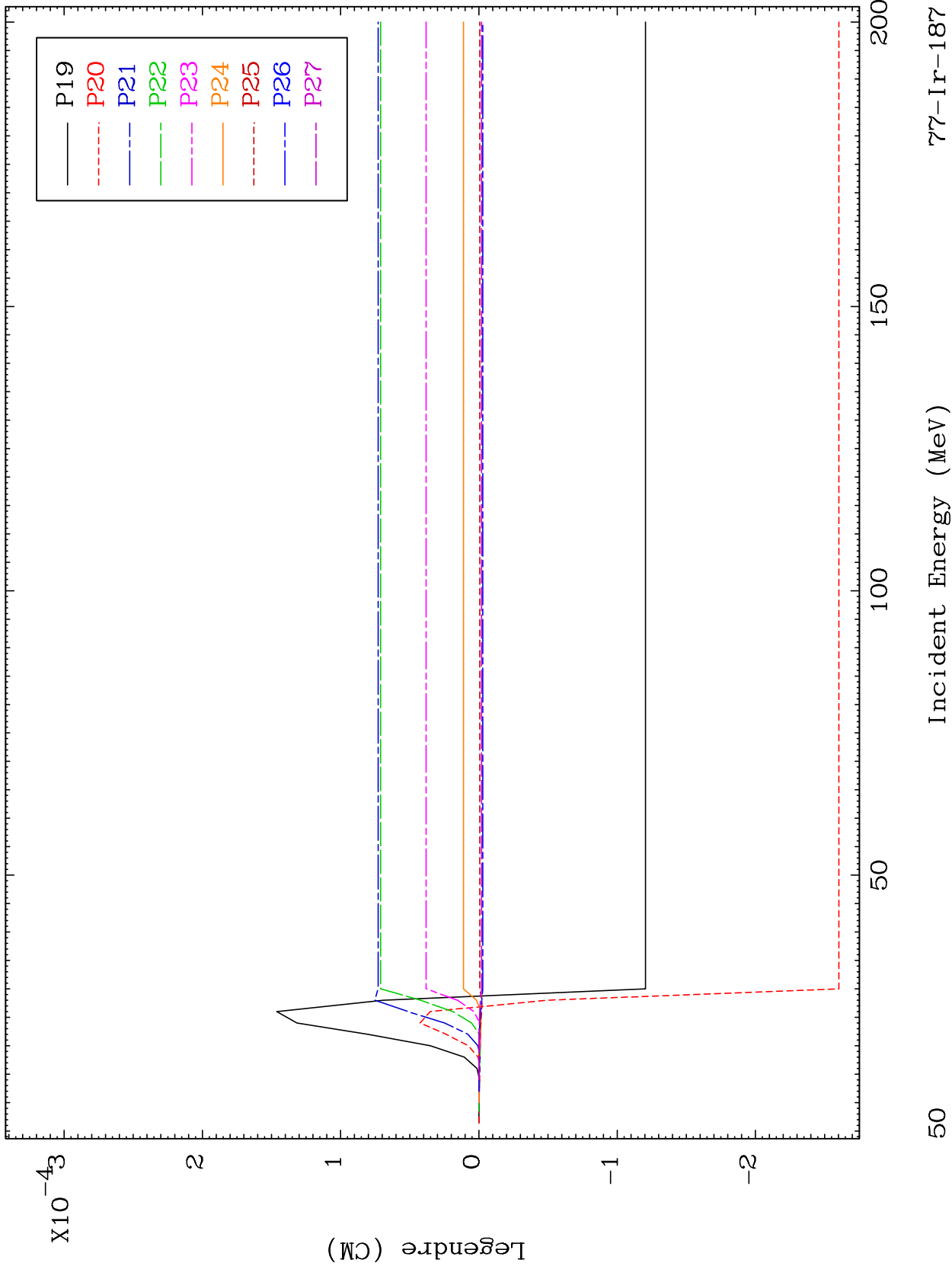
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

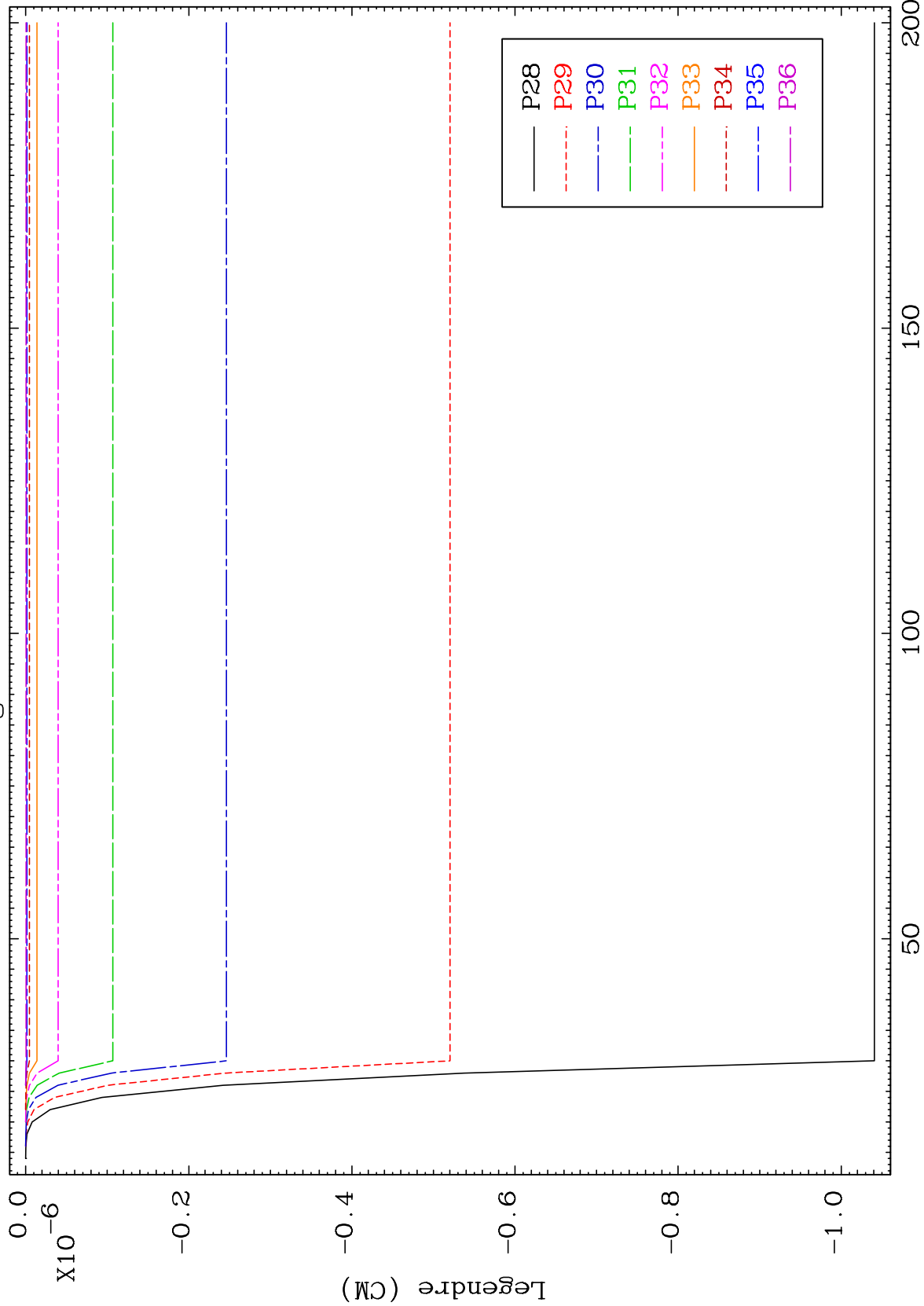
77-Ir-187



77-Ir-187

Incident Energy (MeV)

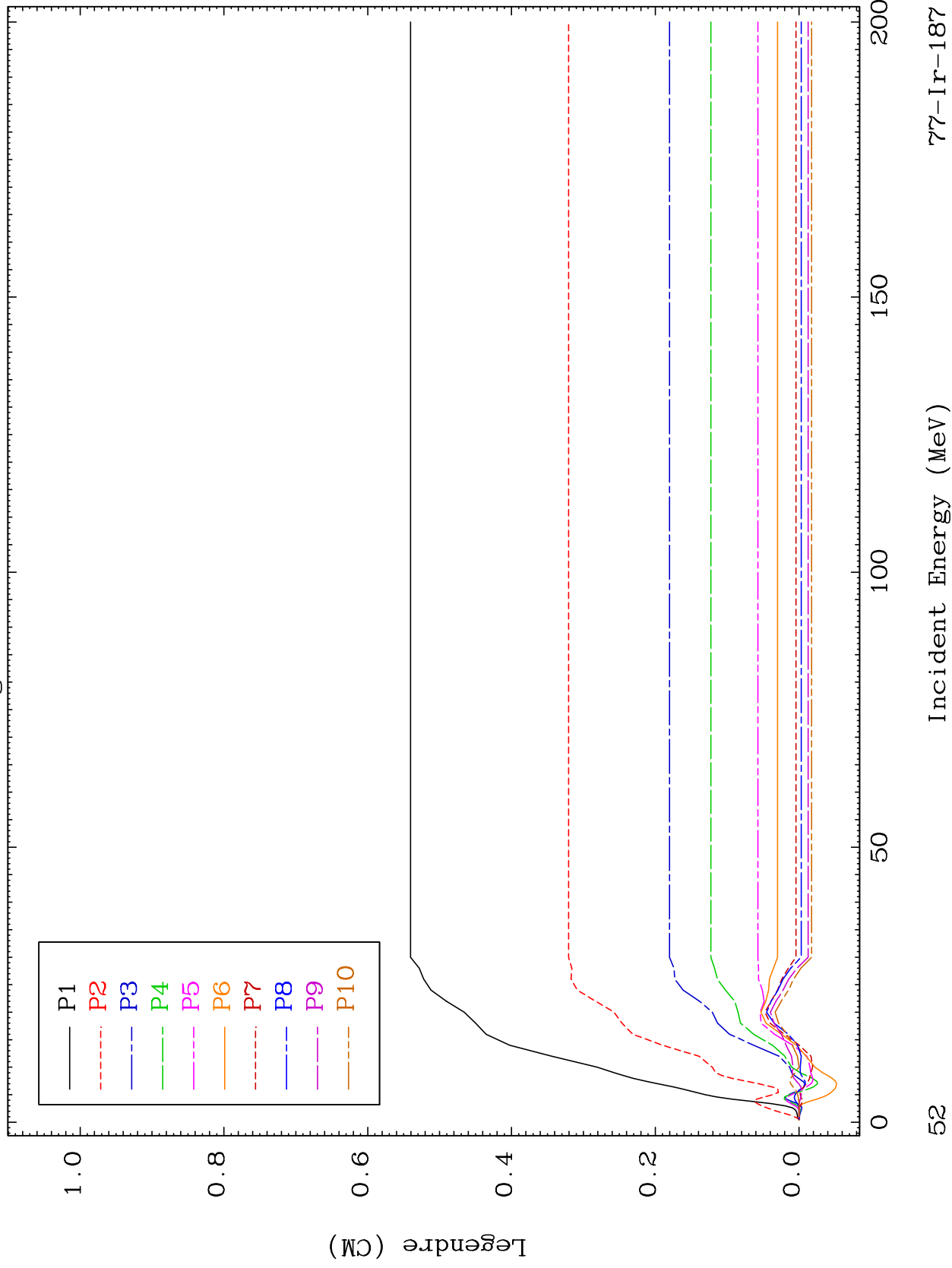
50



MAT 7713

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

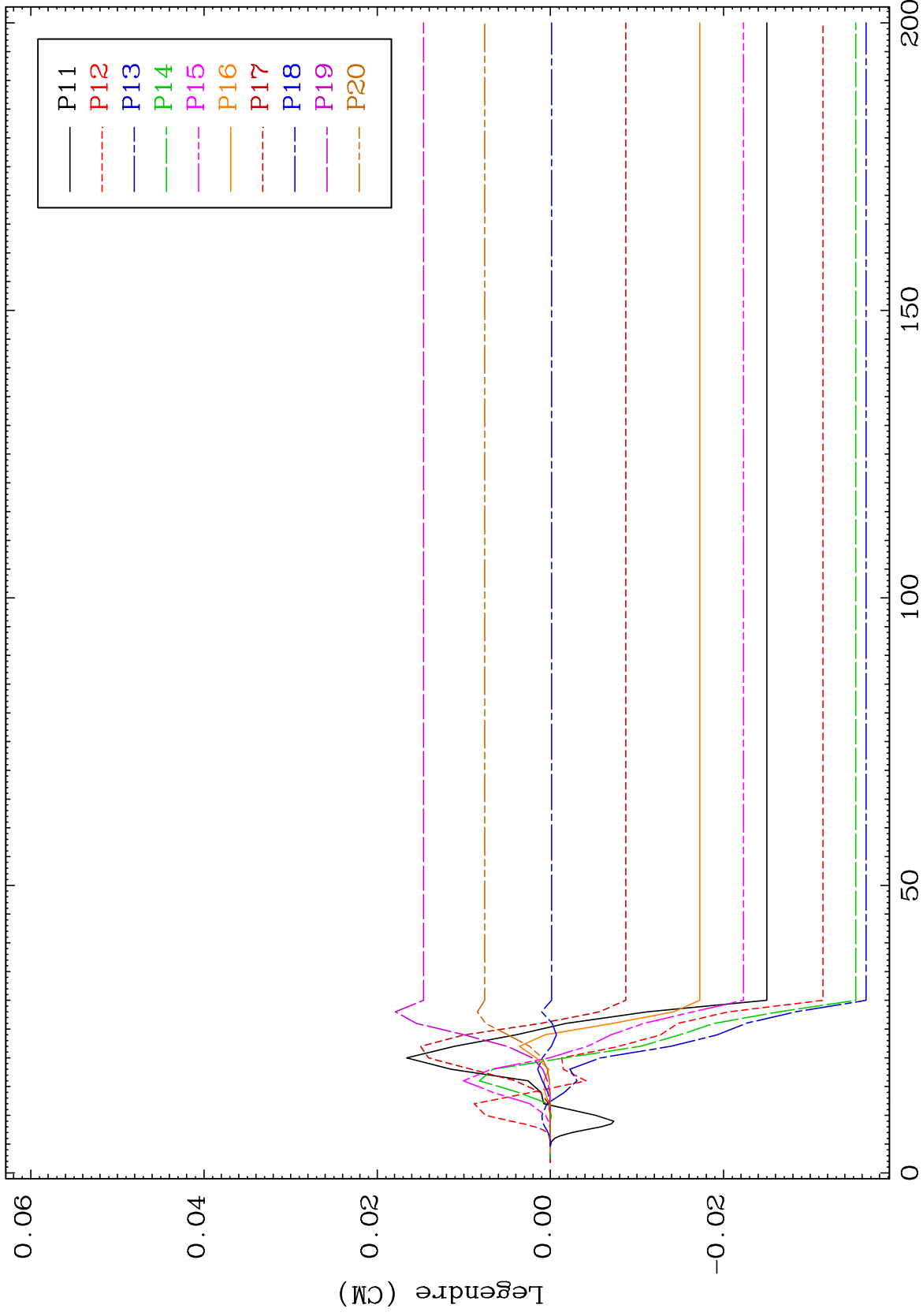
77-Ir-187



MAT 7713

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

77-Ir-187



53

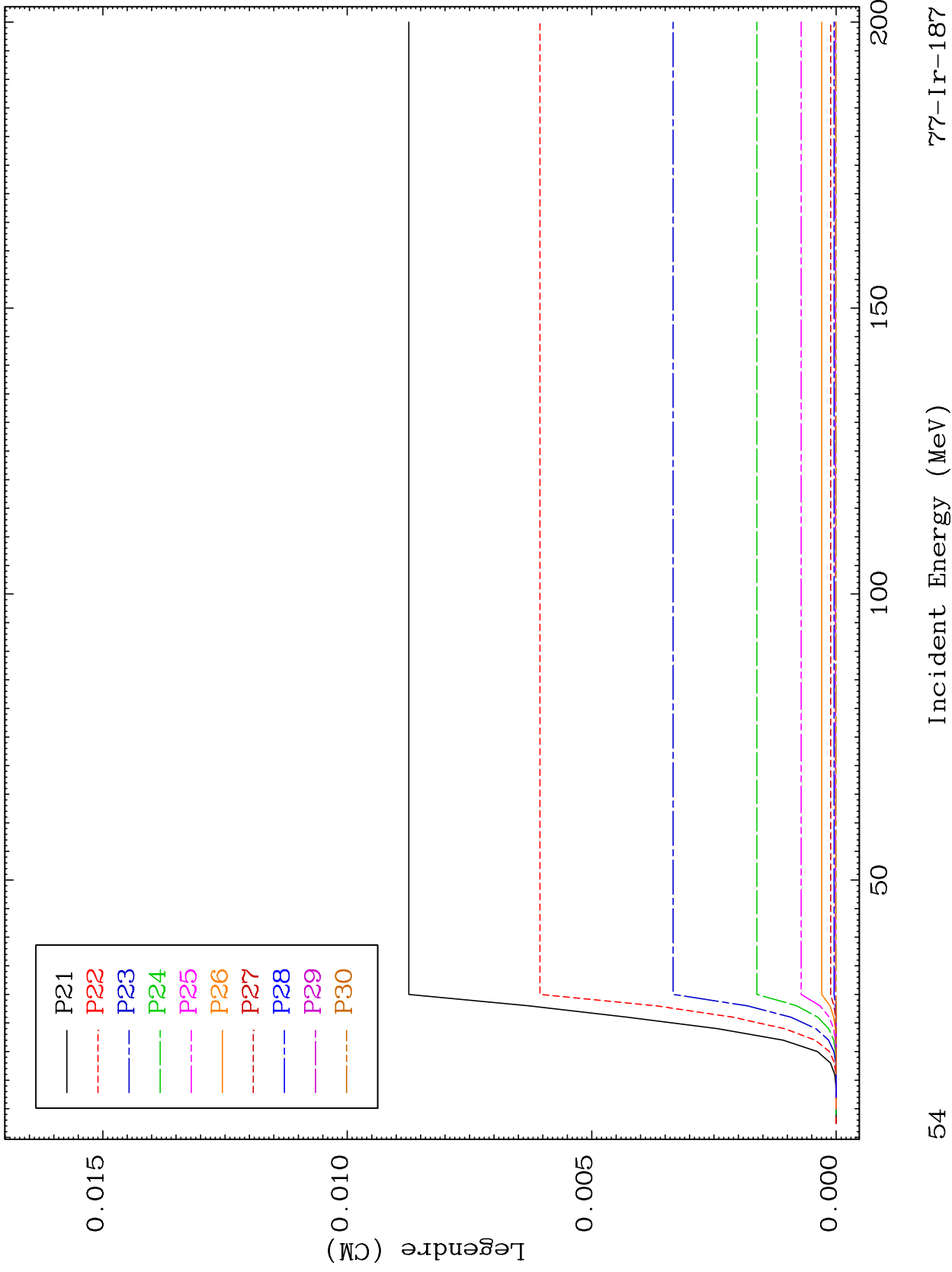
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



54

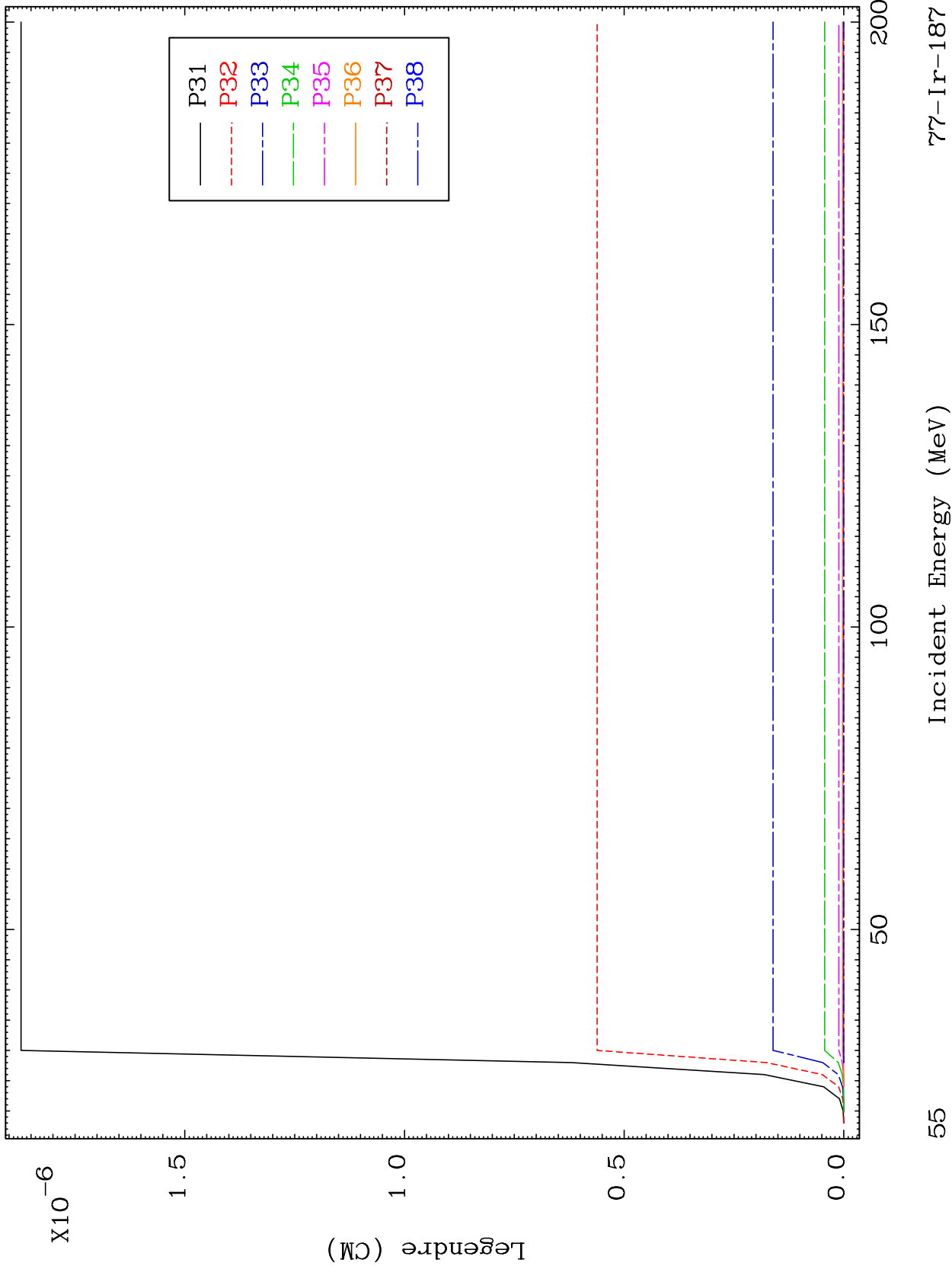
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

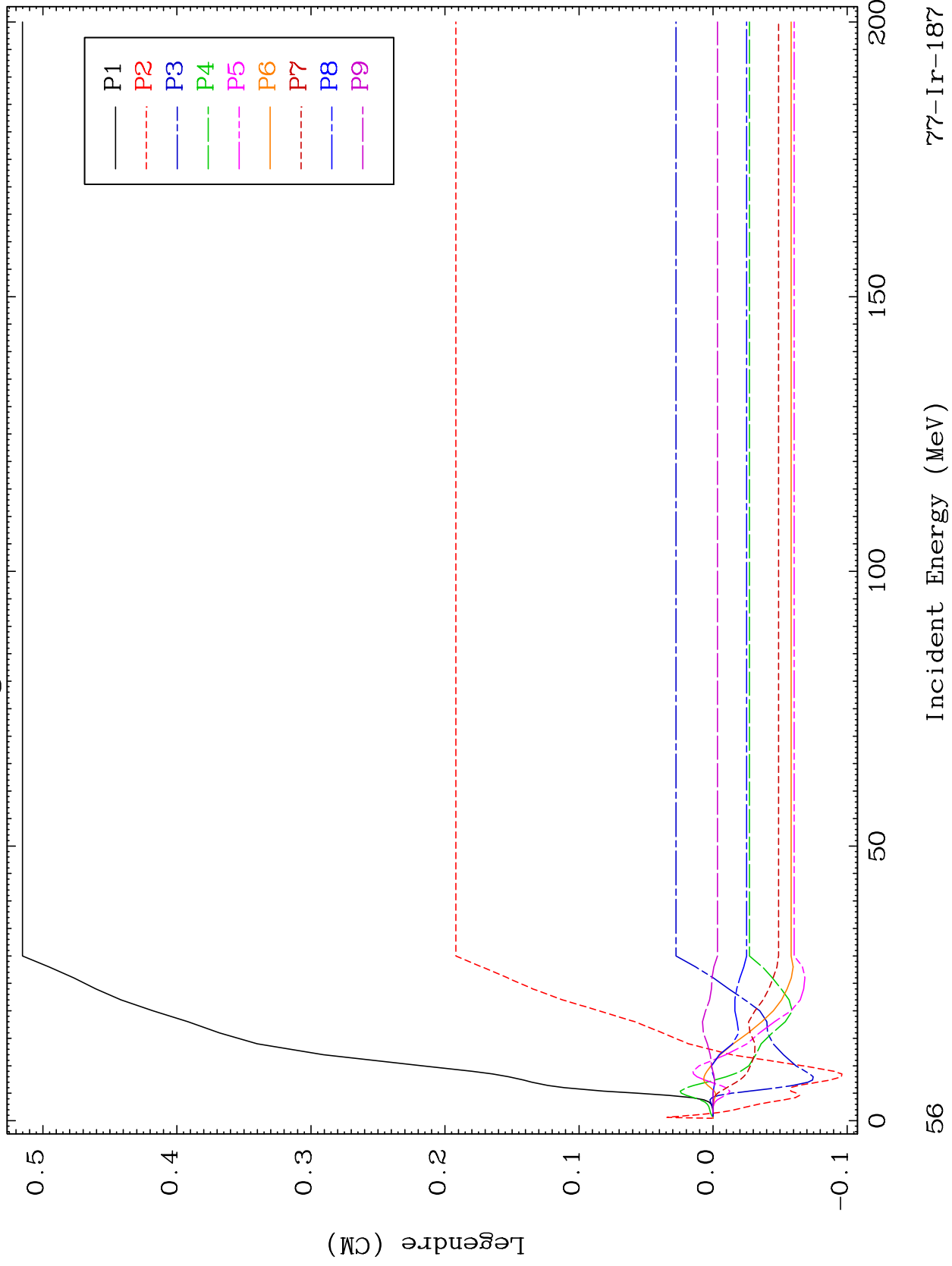
Incident Energy (MeV)

55

MAT 7713

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

77-Ir-187



77-Ir-187

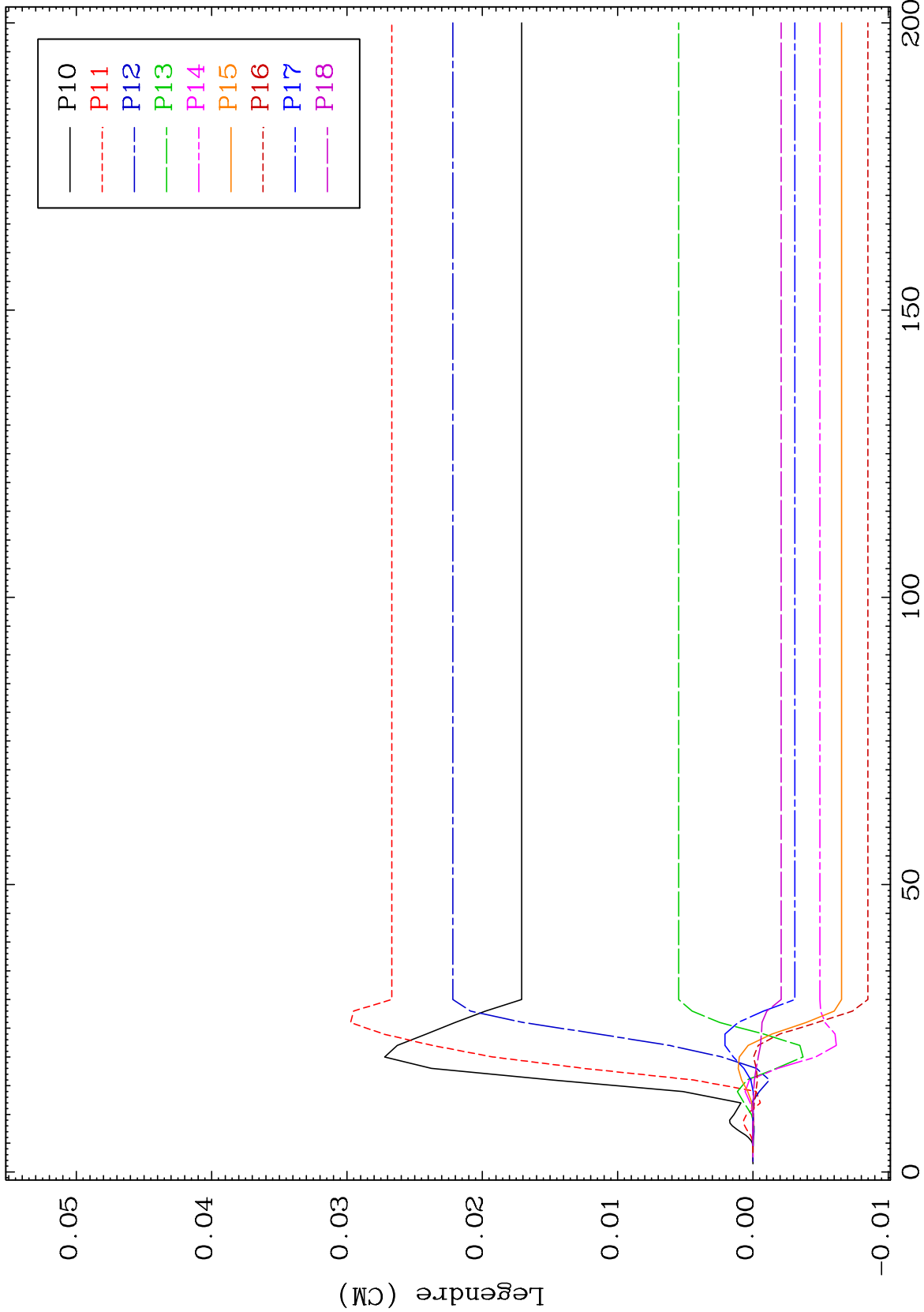
Incident Energy (MeV)

56

MAT 7713

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

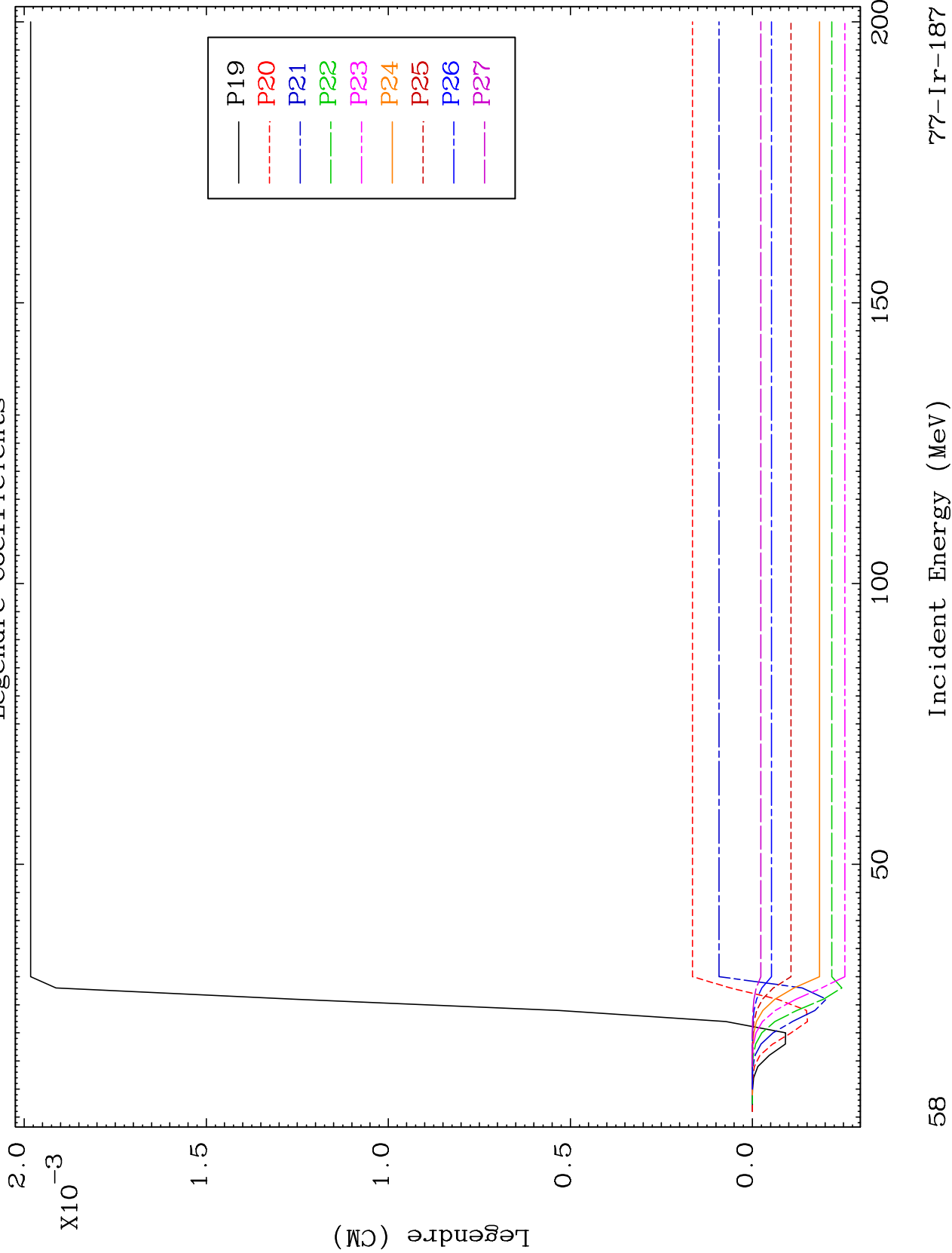
77-Ir-187

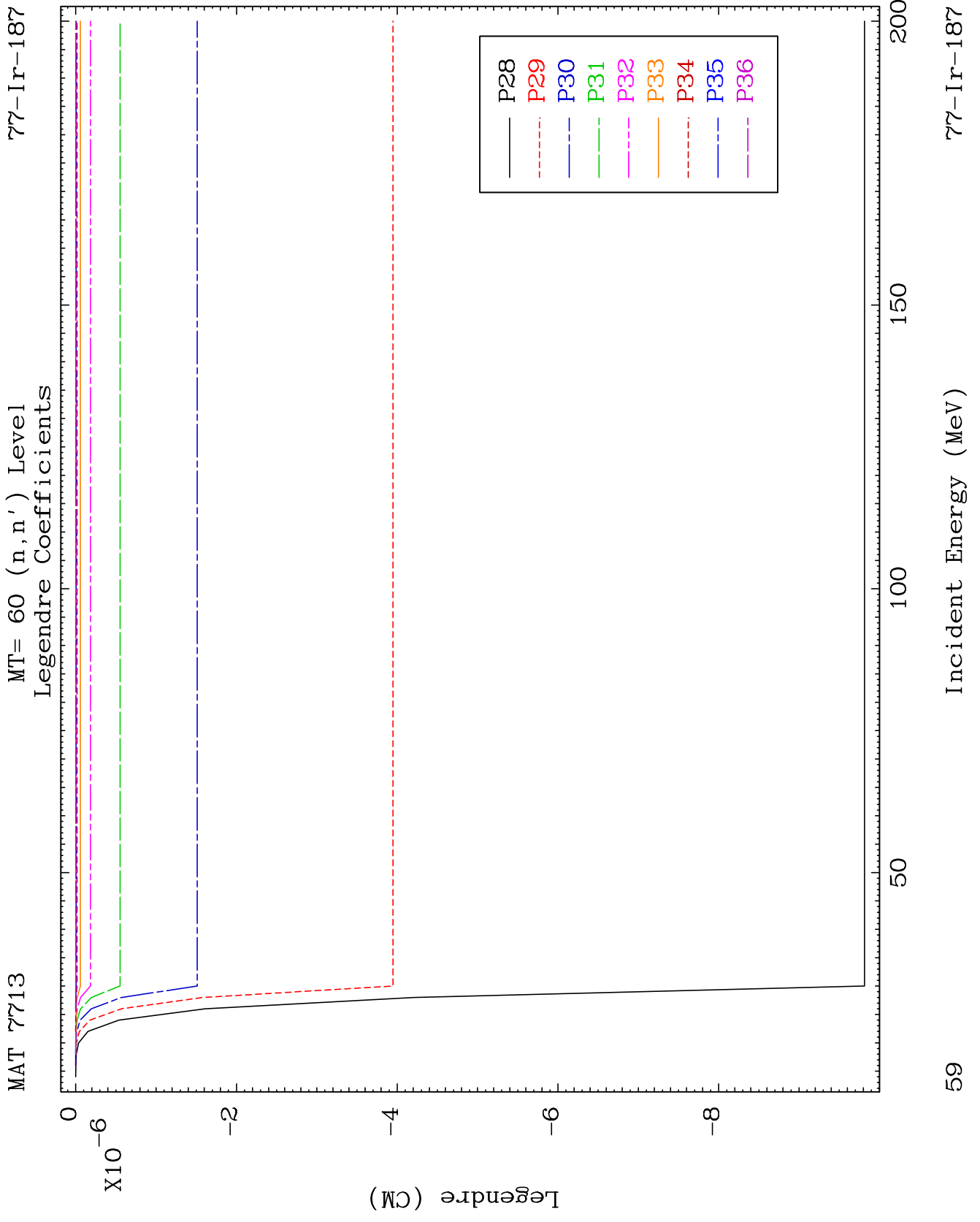


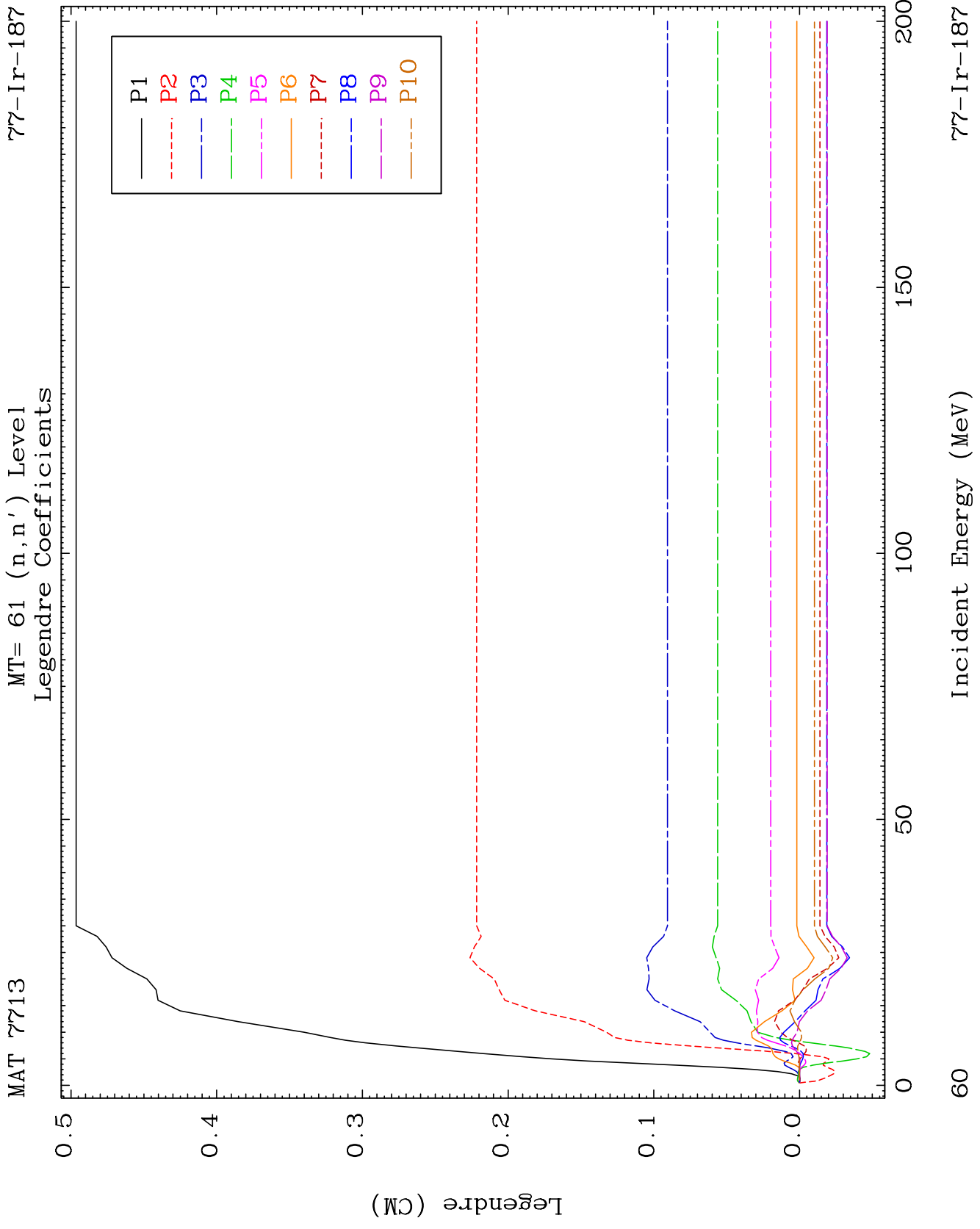
57

Incident Energy (MeV)

77-Ir-187



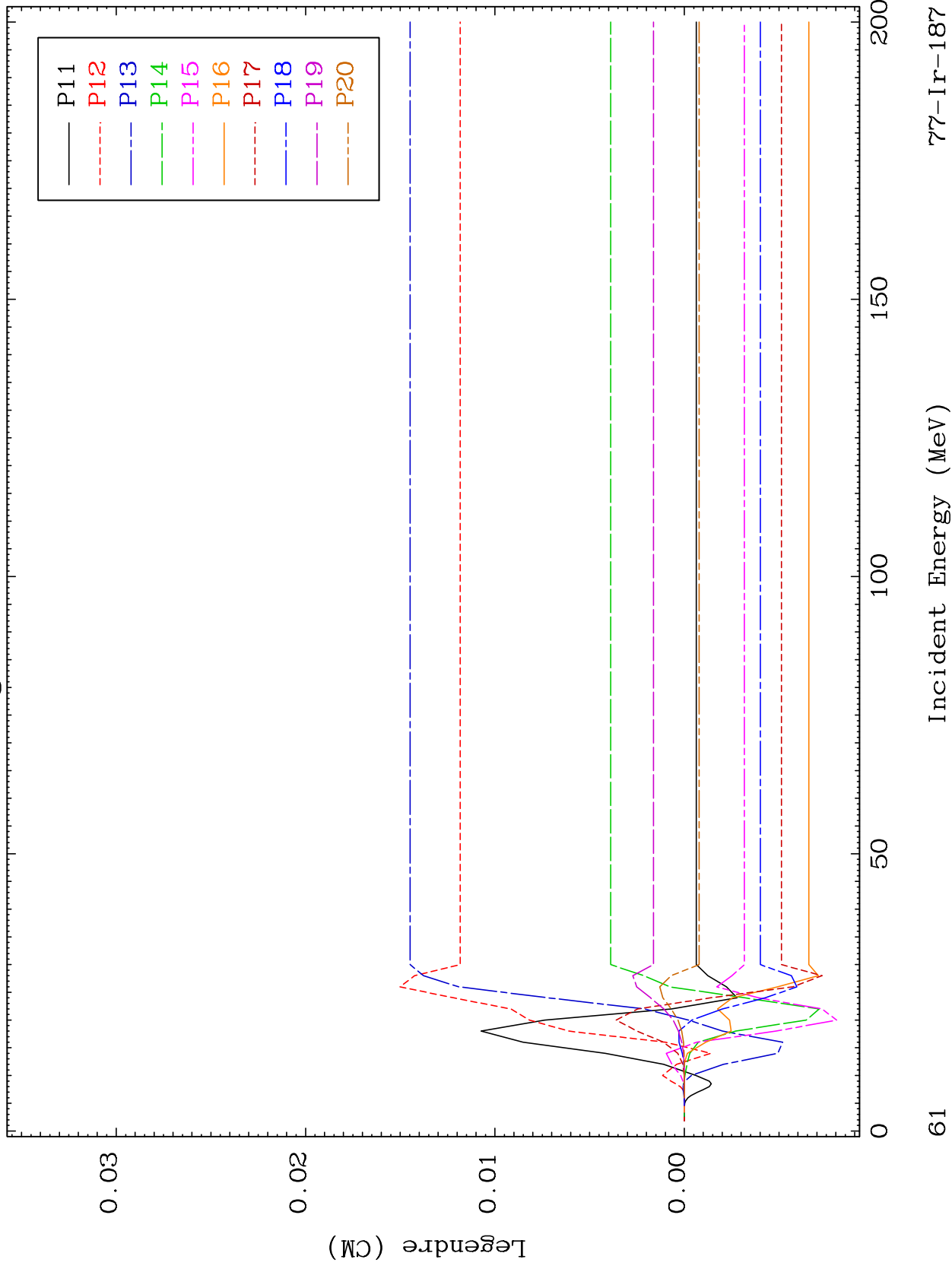




MAT 7713

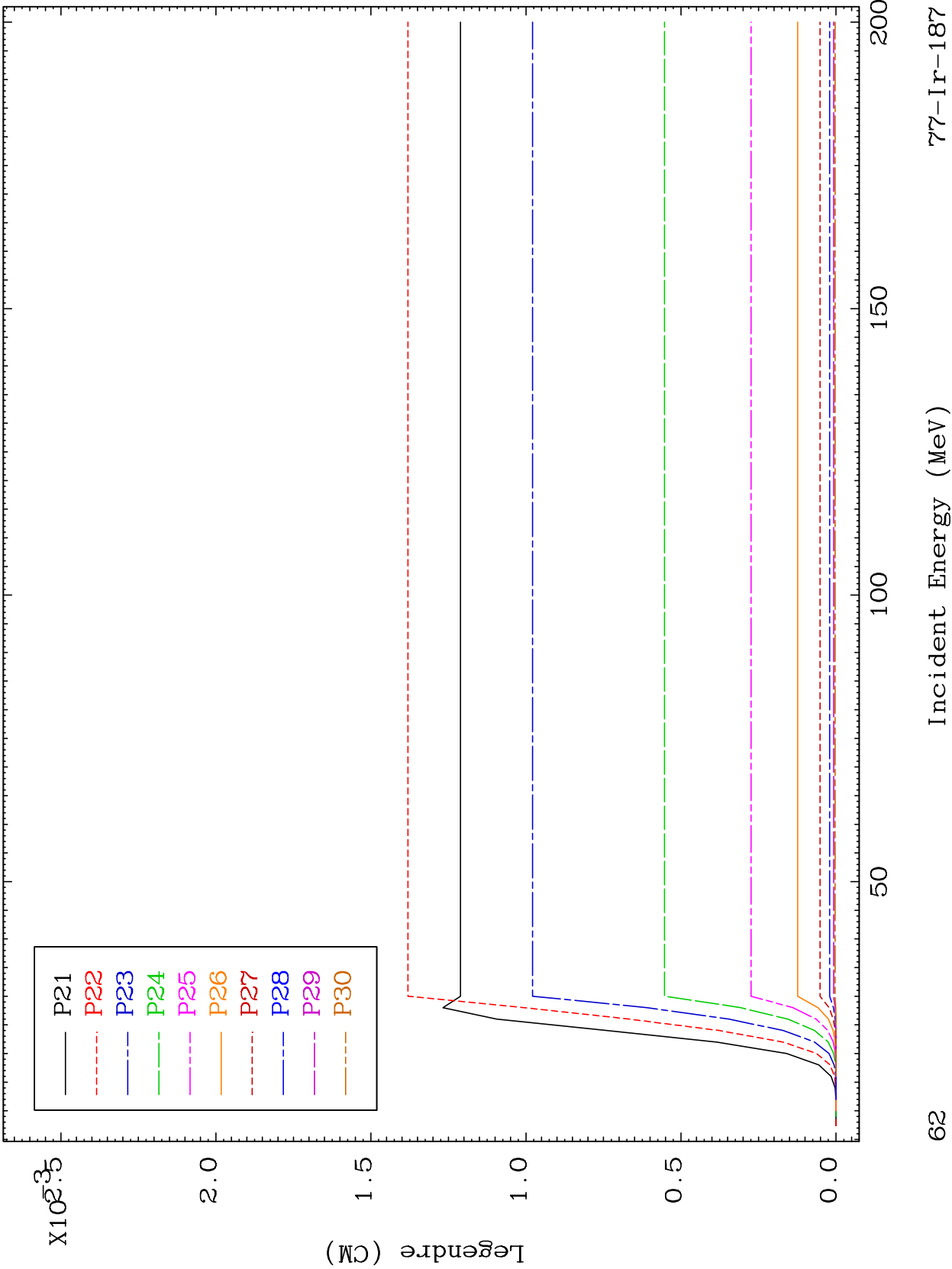
MT= 61 (n,n') Level Legendre Coefficients

77-Ir-187



61

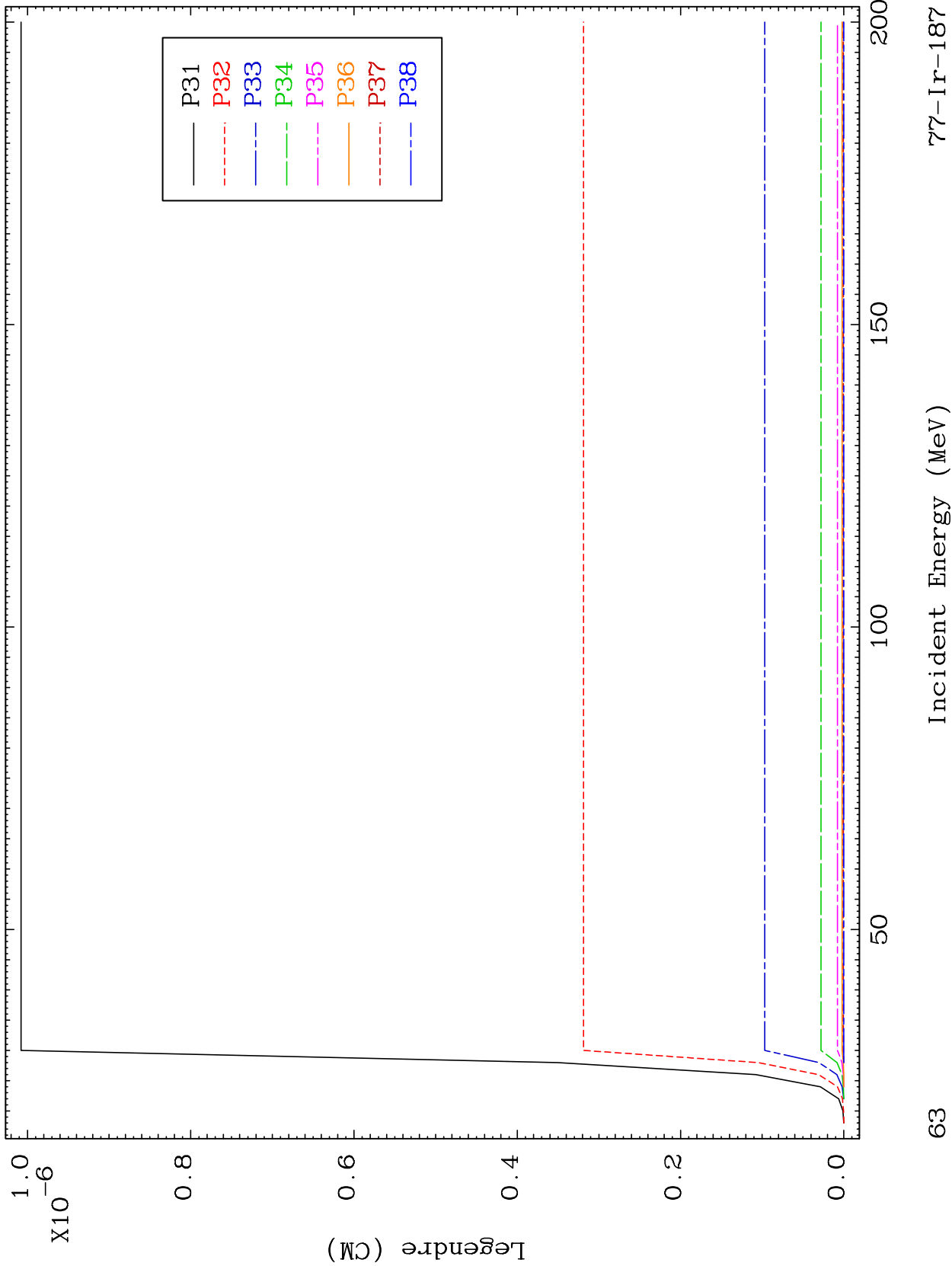
77-Ir-187



MAT 7713

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

77-Ir-187



63

Incident Energy (MeV)

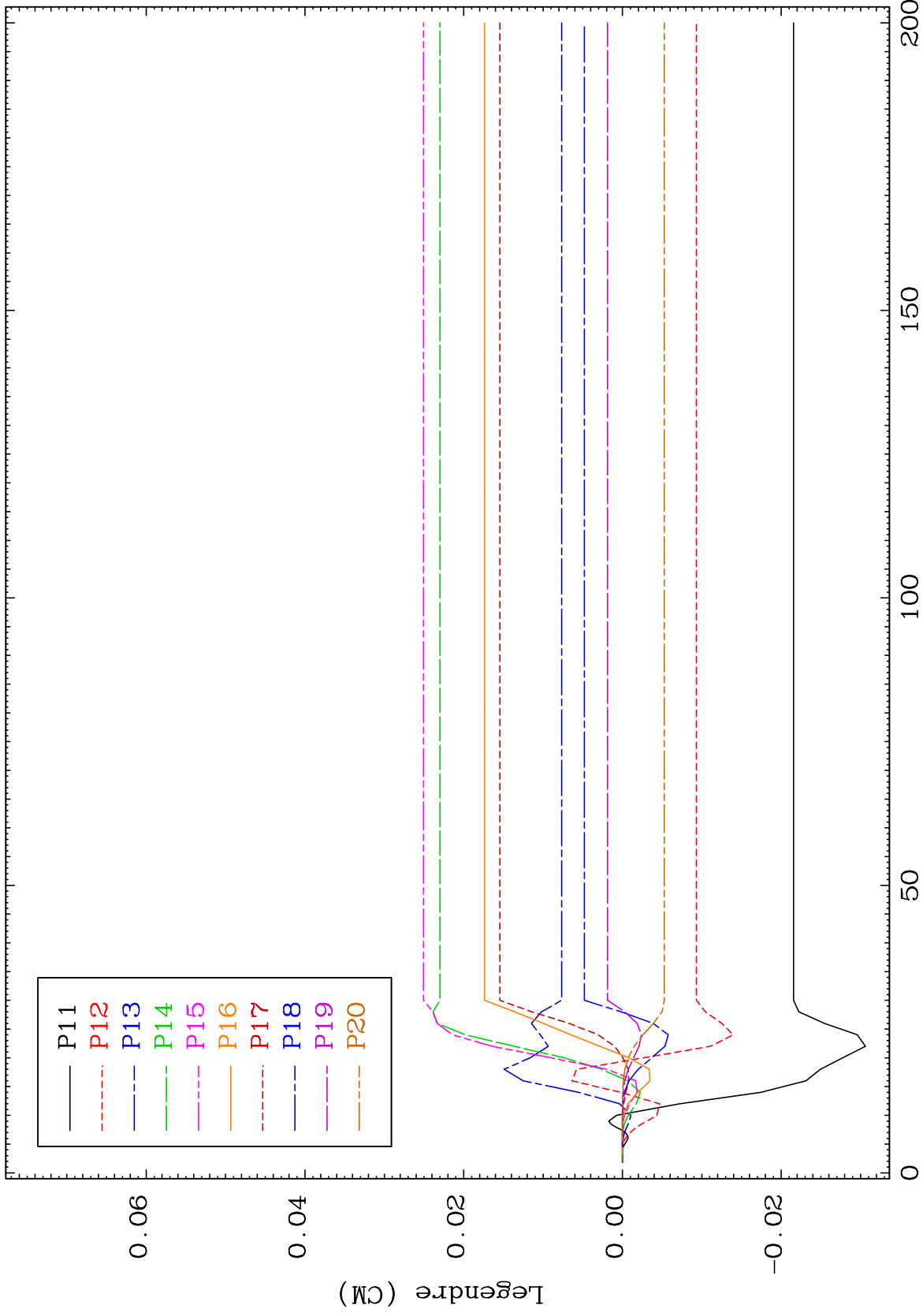
77-Ir-187



MAT 7713

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

77-Ir-187



65

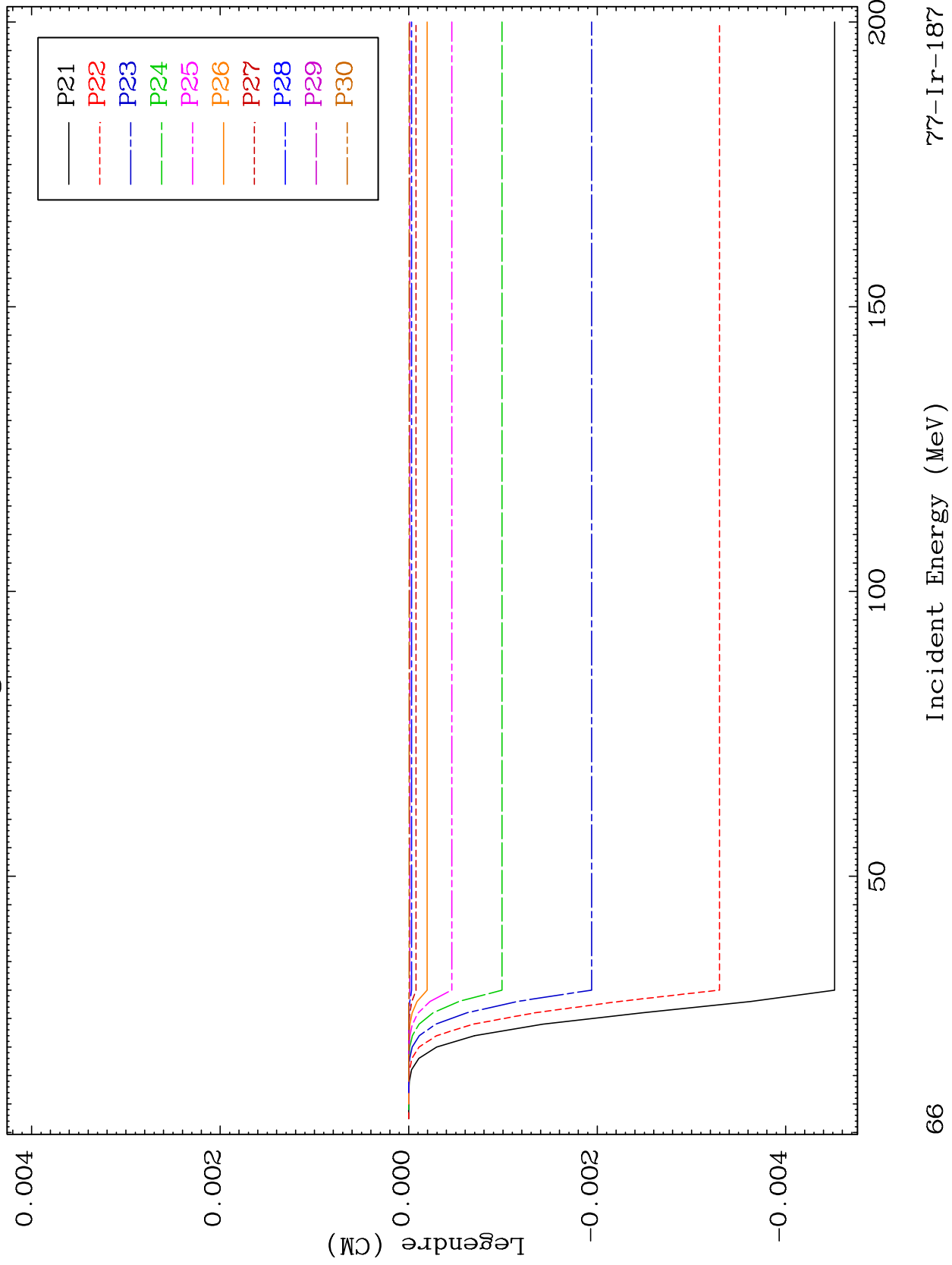
Incident Energy (MeV)

77-Ir-187

MAT 7713

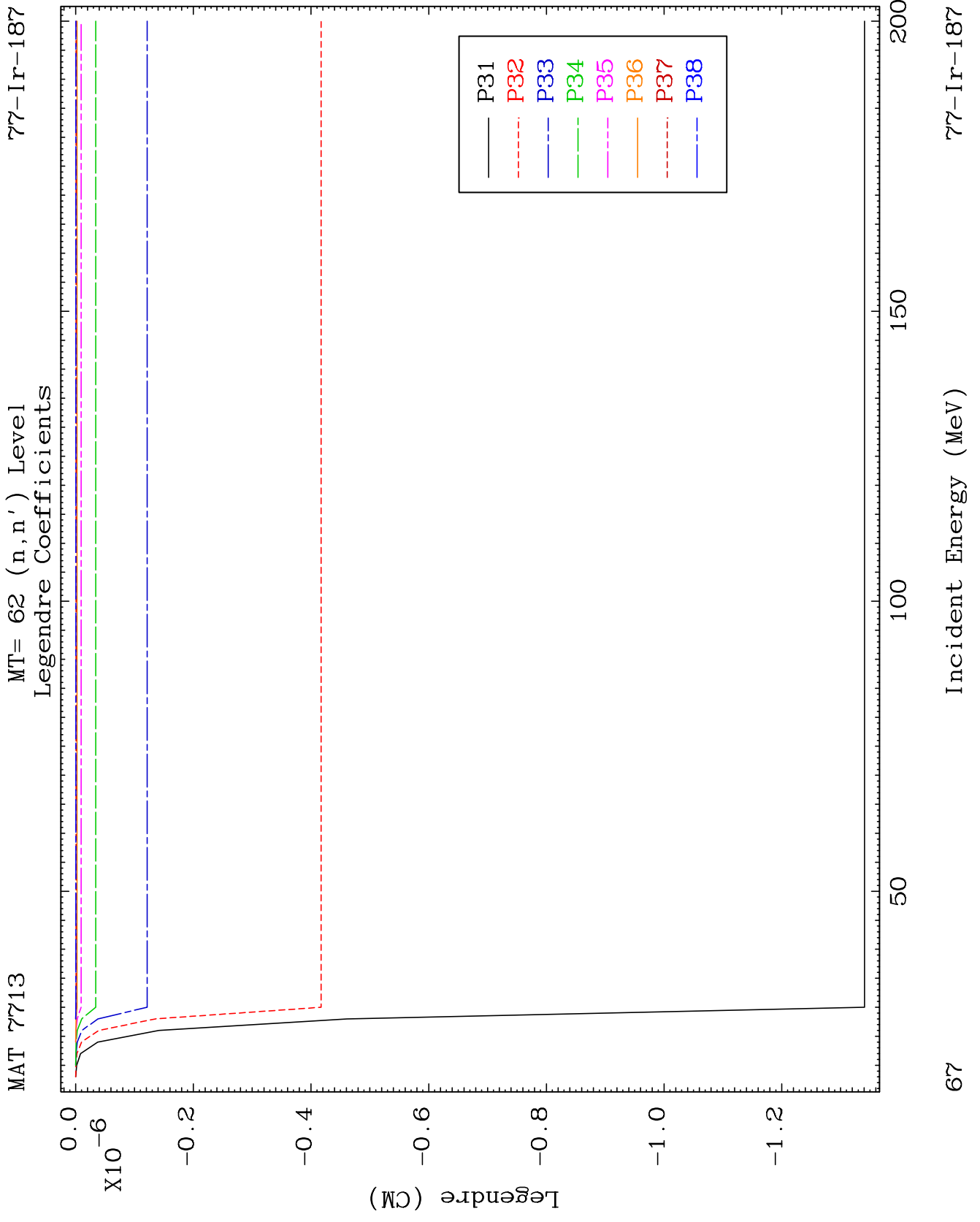
MT= 62 (n,n') Level  
Legendre Coefficients

77-Ir-187



66

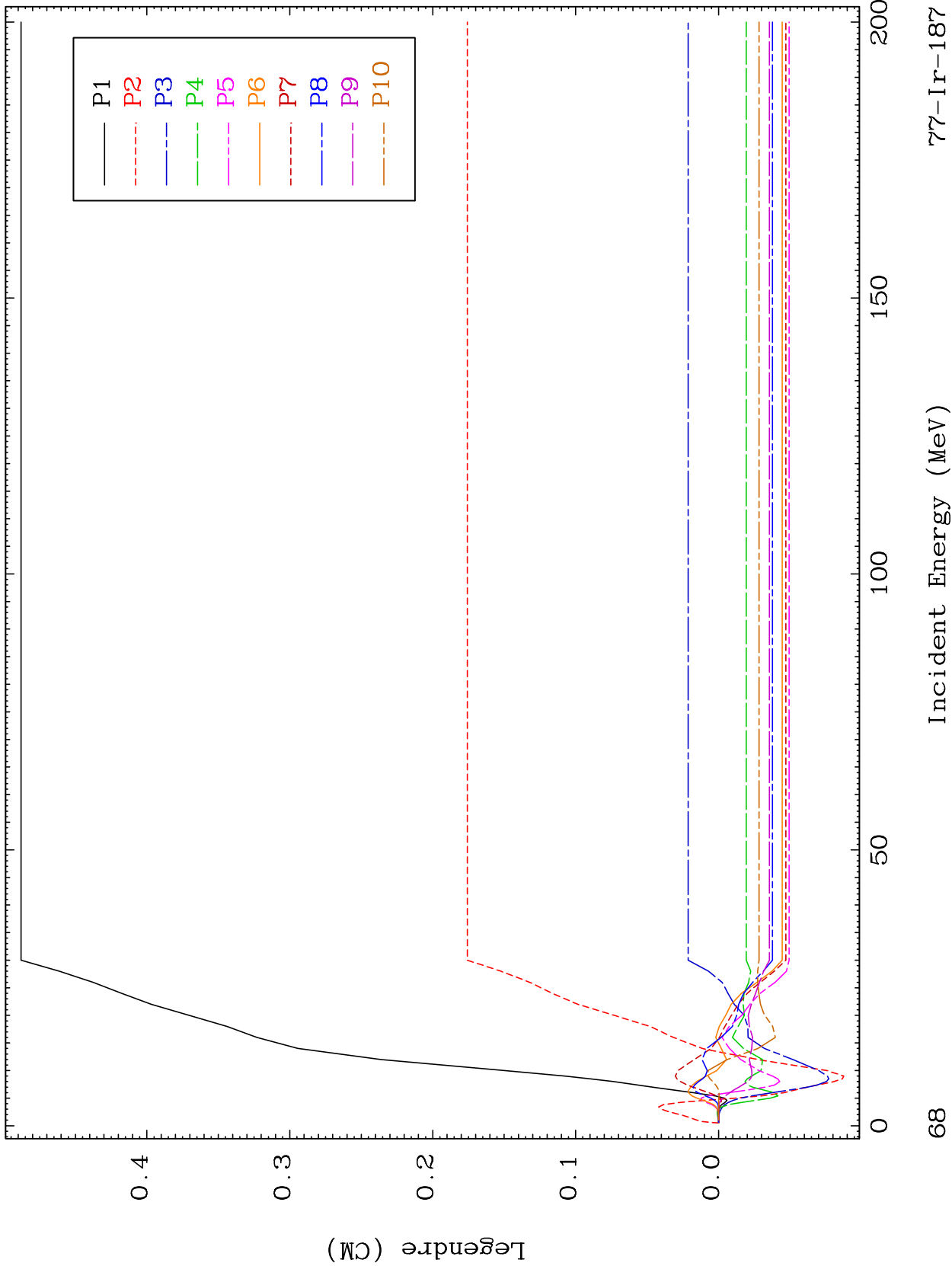
77-Ir-187



MAT 7713

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

77-Ir-187



68

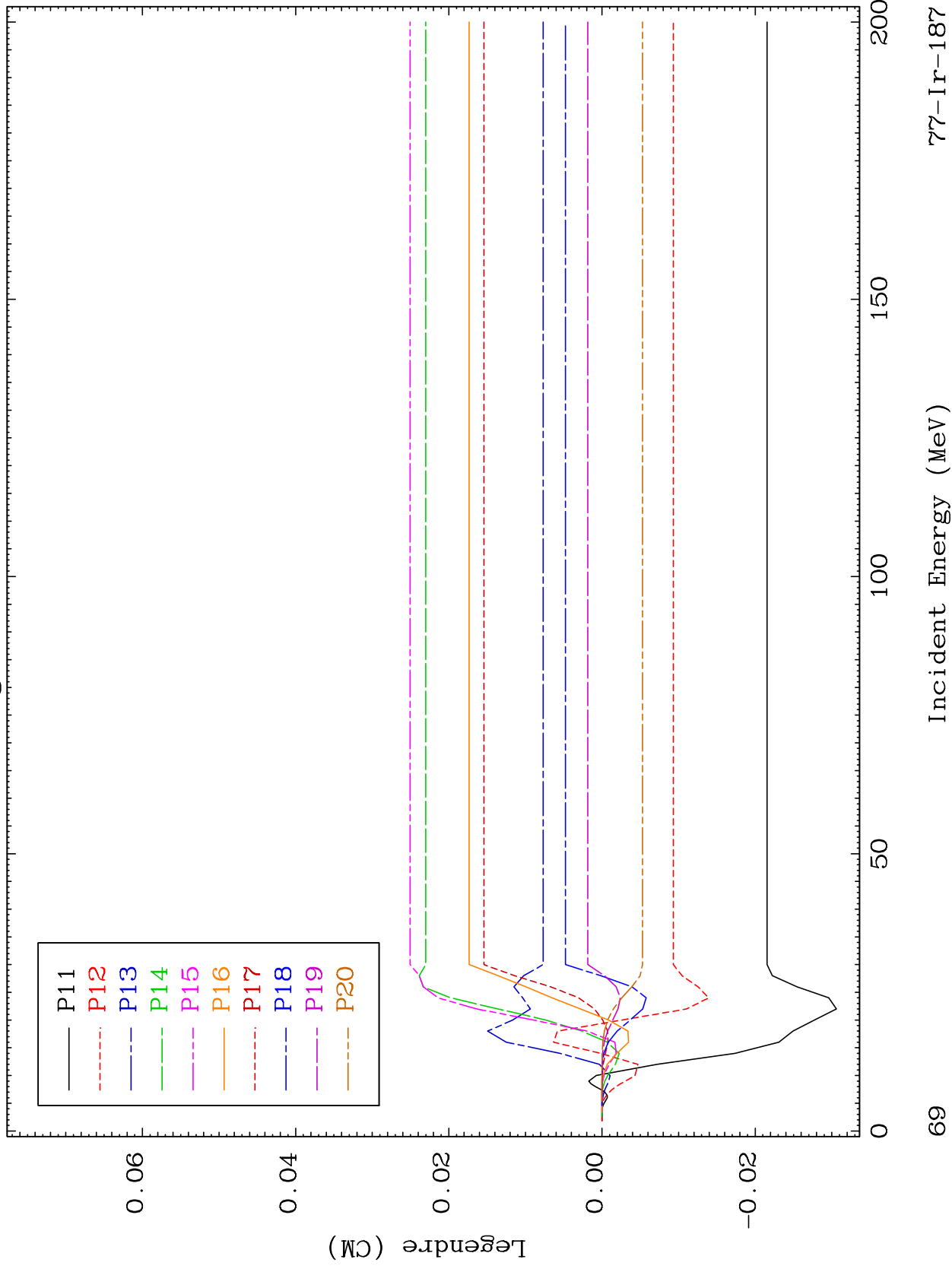
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

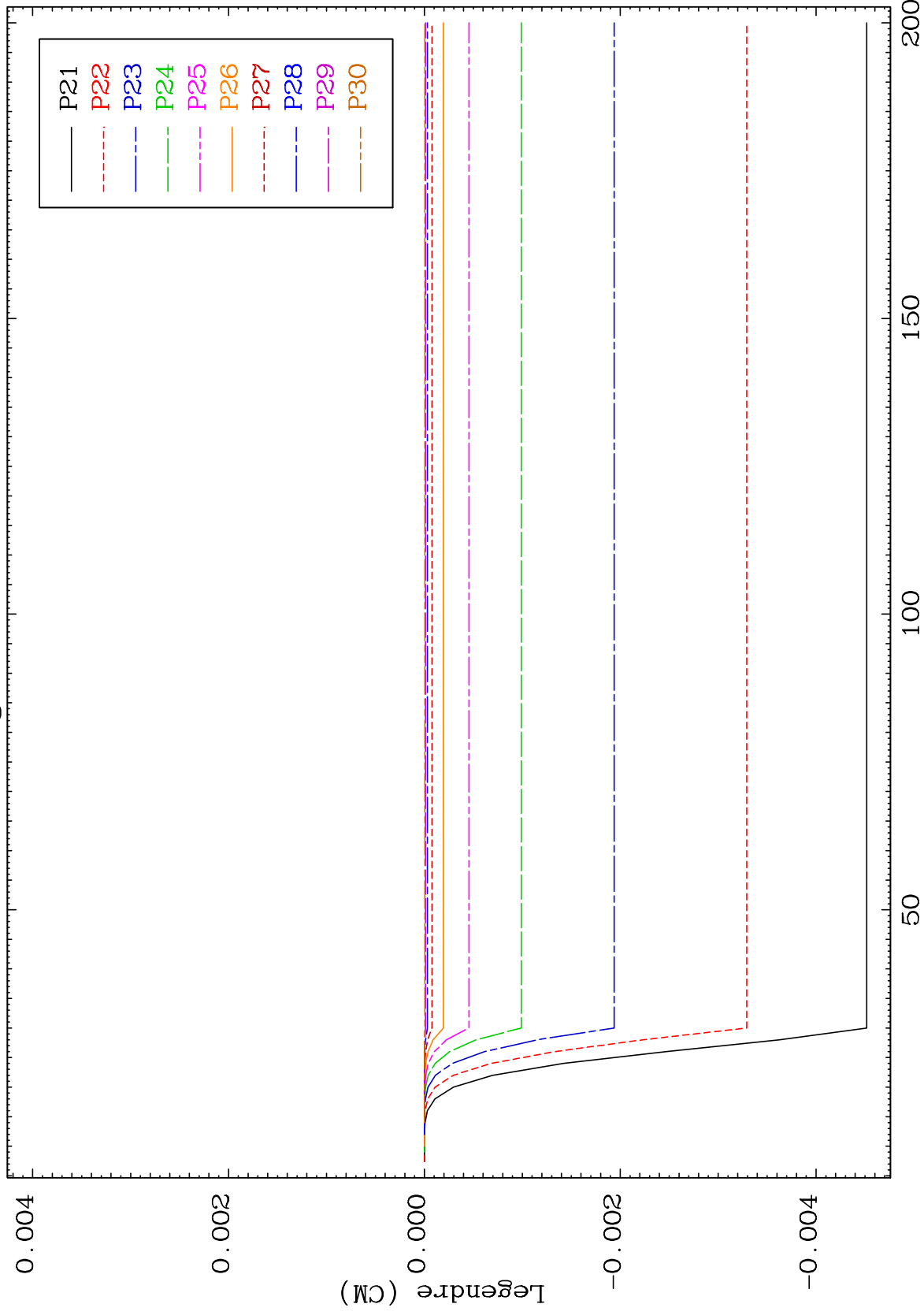
77-Ir-187



MAT 7713

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

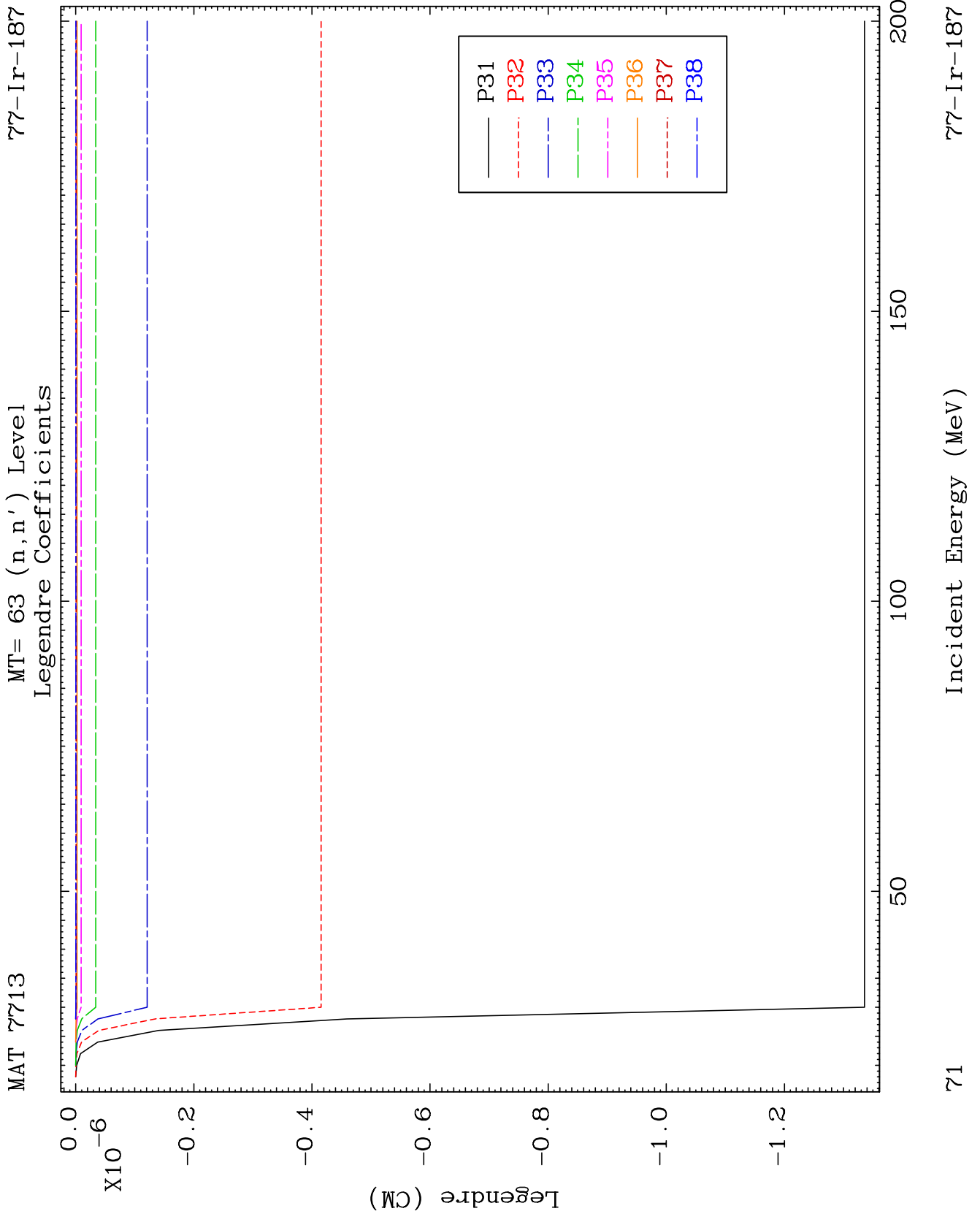
77-Ir-187



70

Incident Energy (MeV)

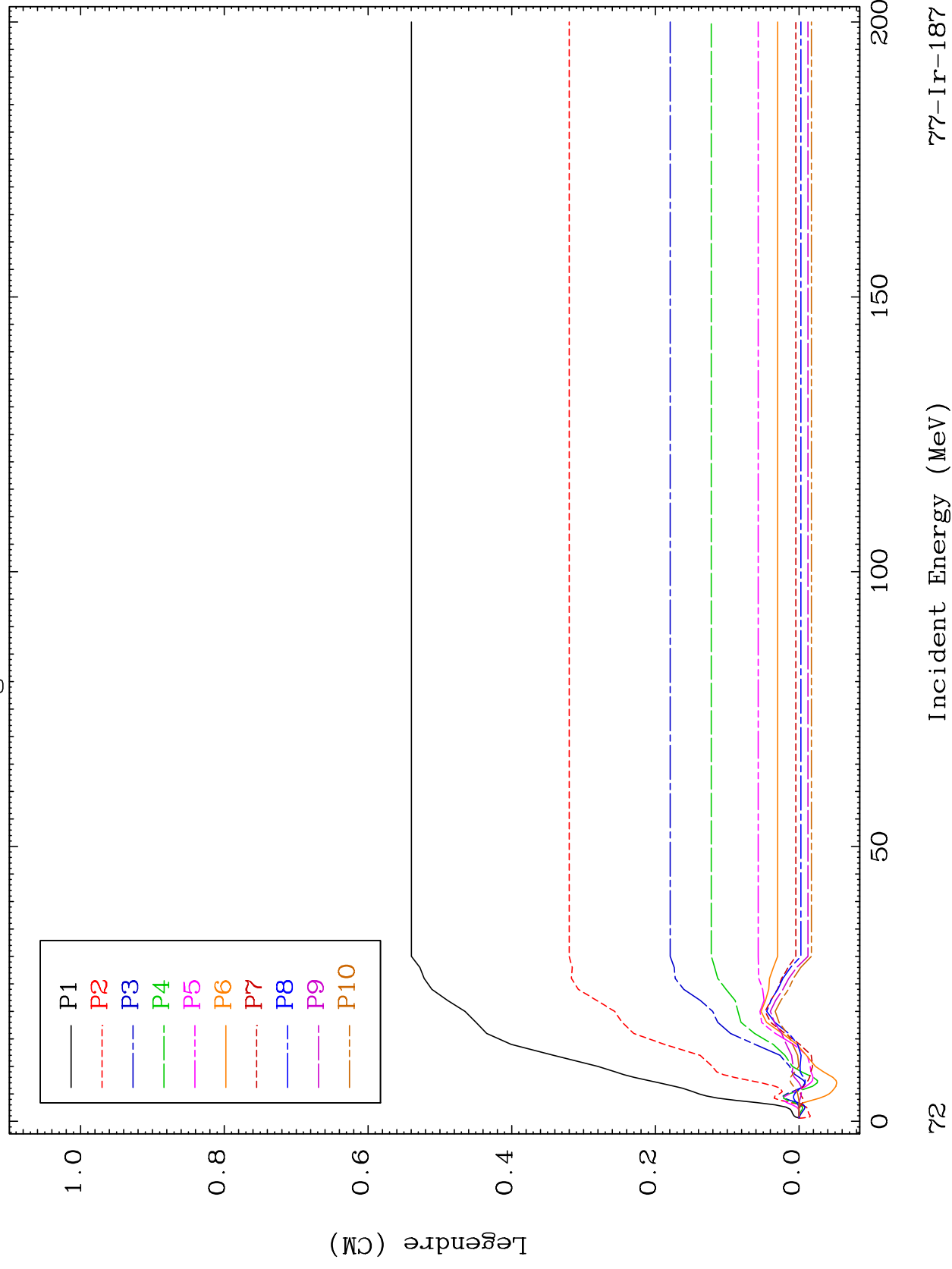
77-Ir-187



MAT 7713

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

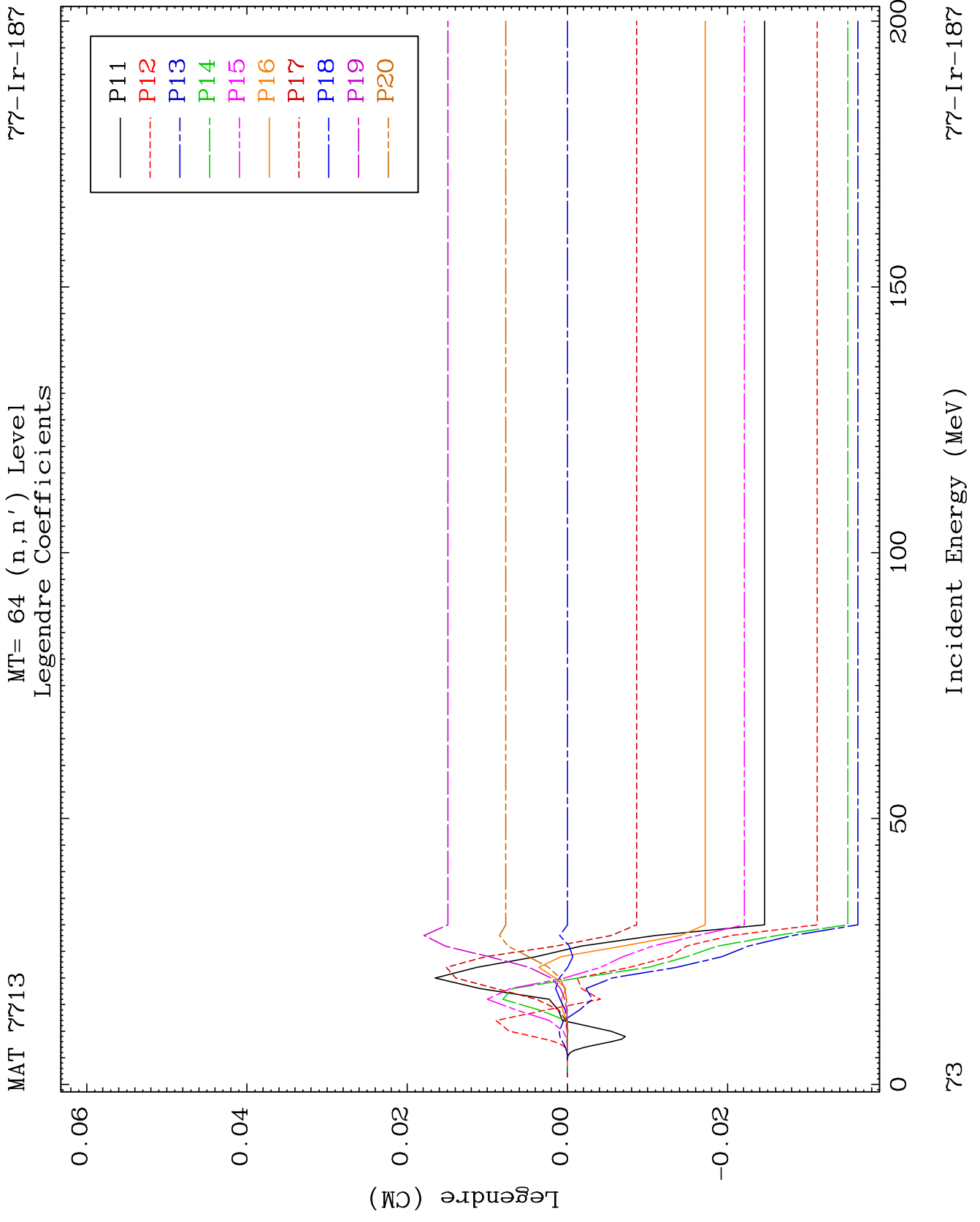
77-Ir-187



72

Incident Energy (MeV)

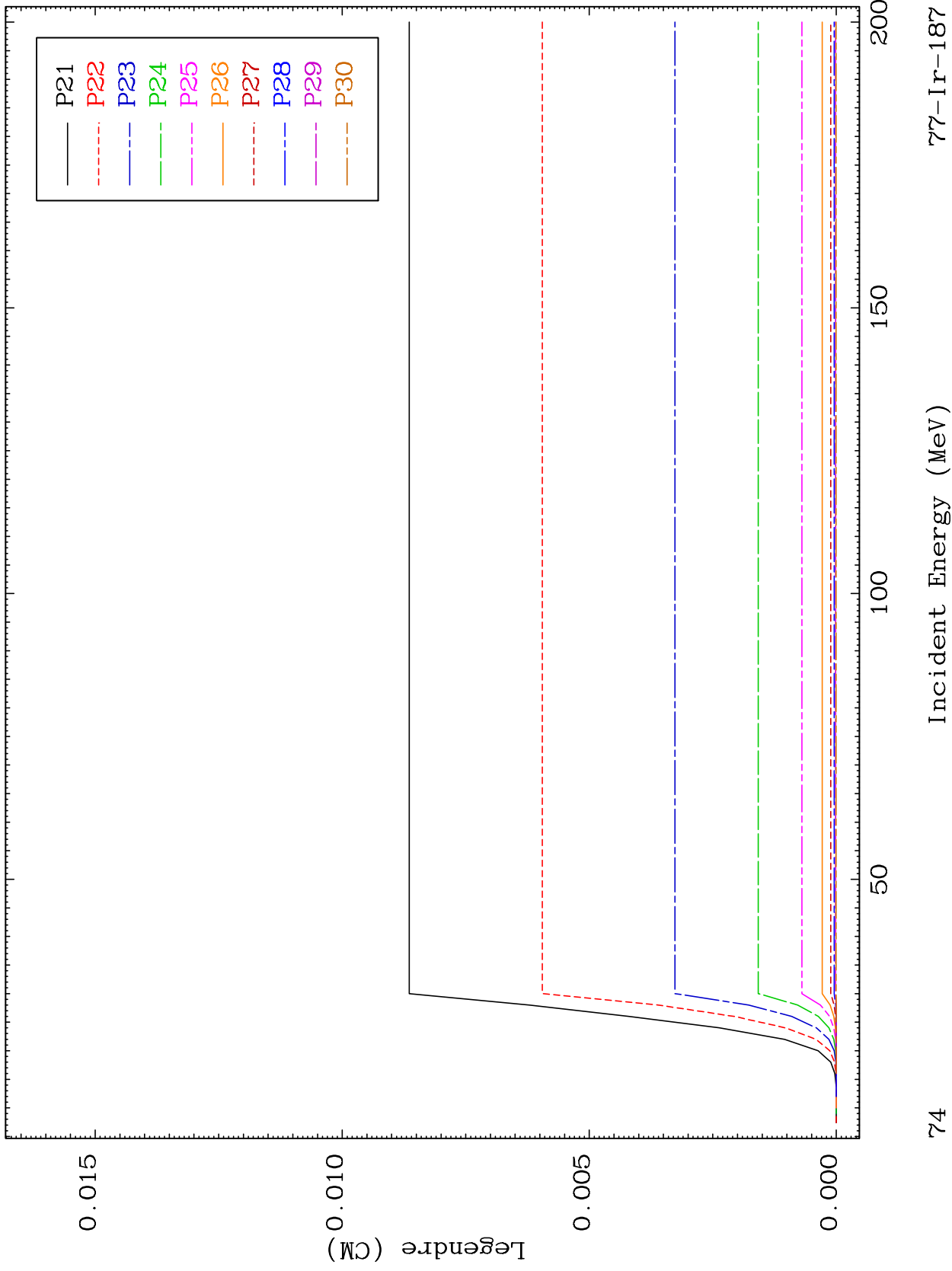
77-Ir-187



MAT 7713

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

77-Ir-187



74

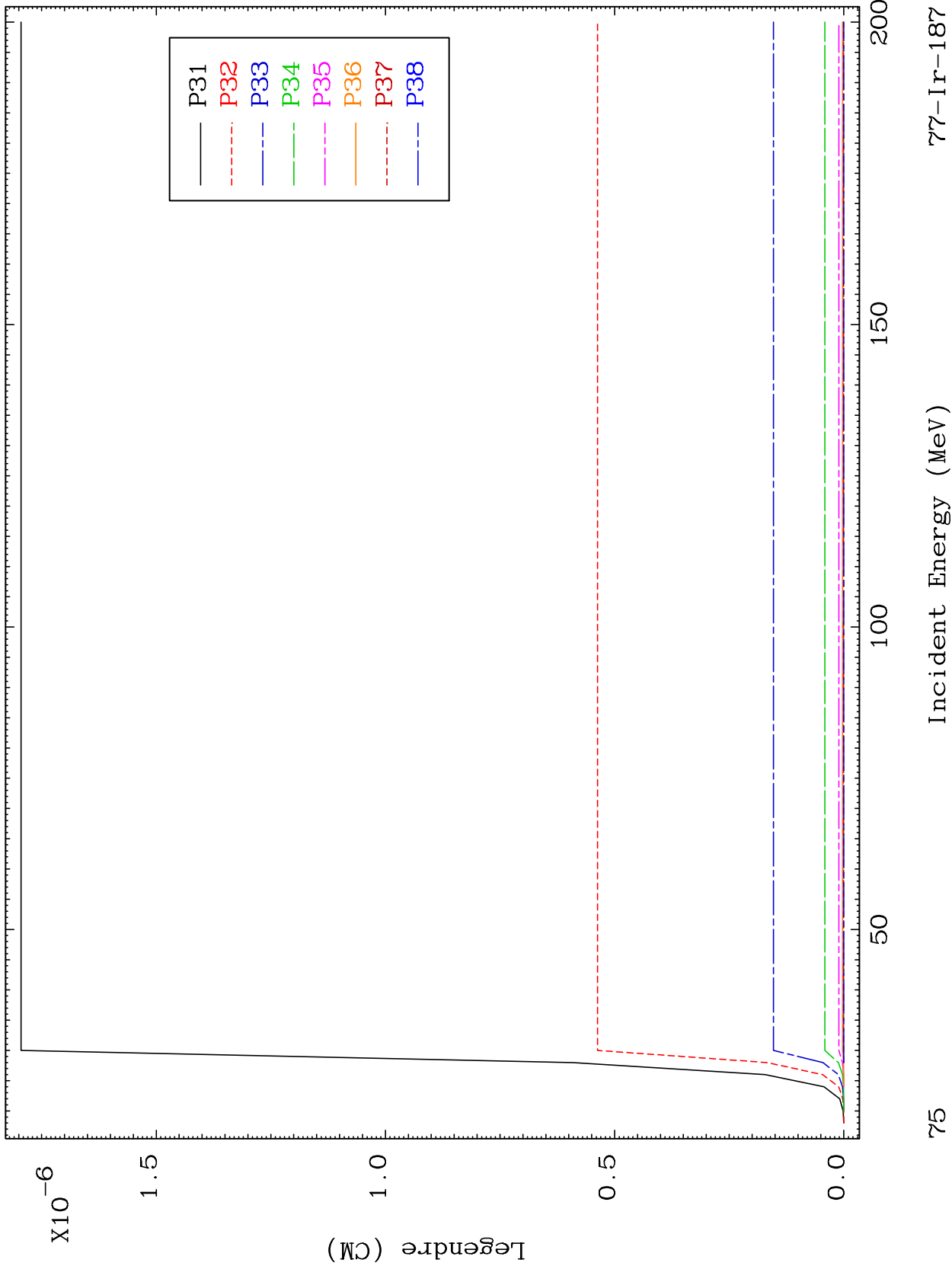
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

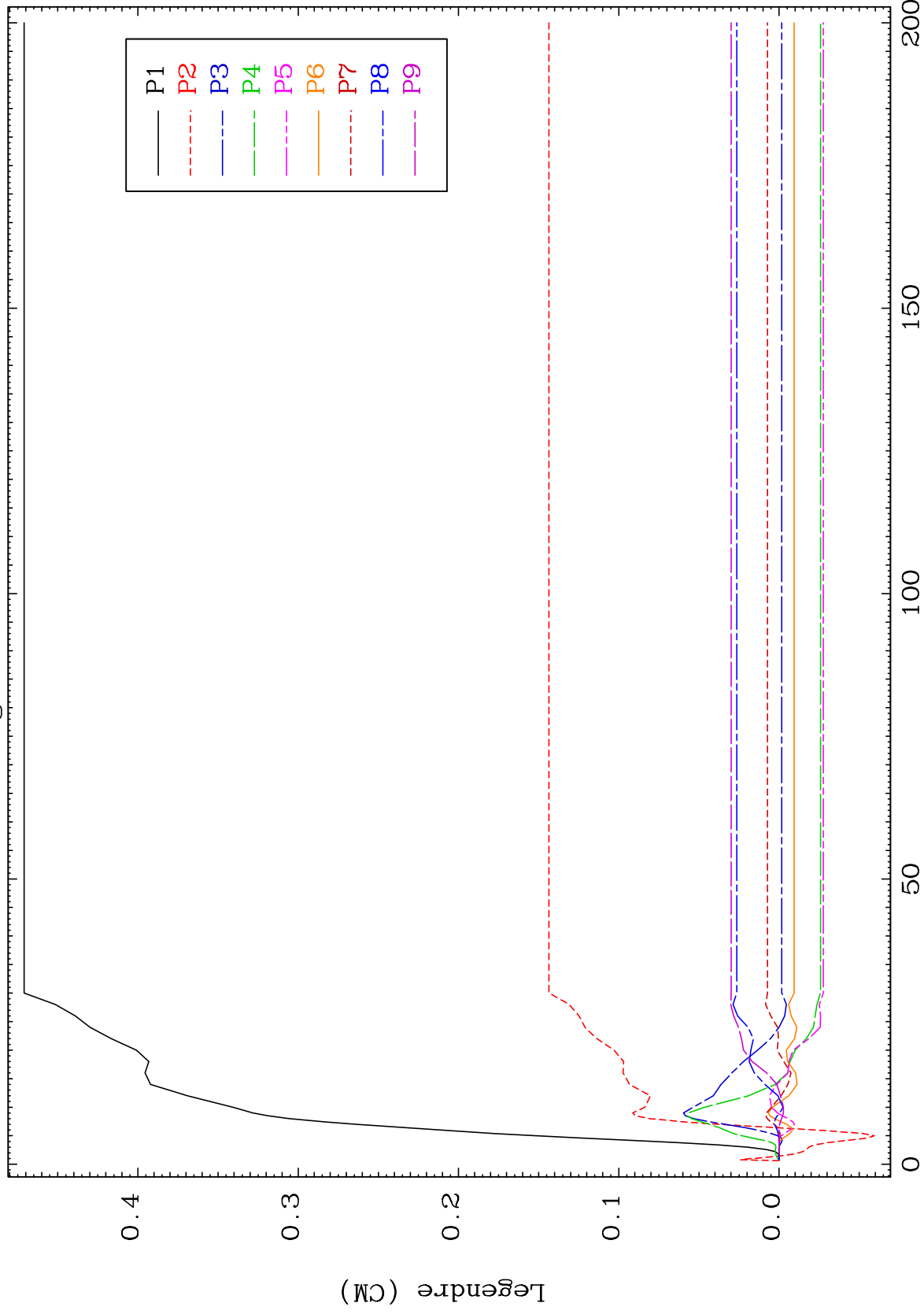
77-Ir-187



MAT 7713

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

77-Ir-187



76

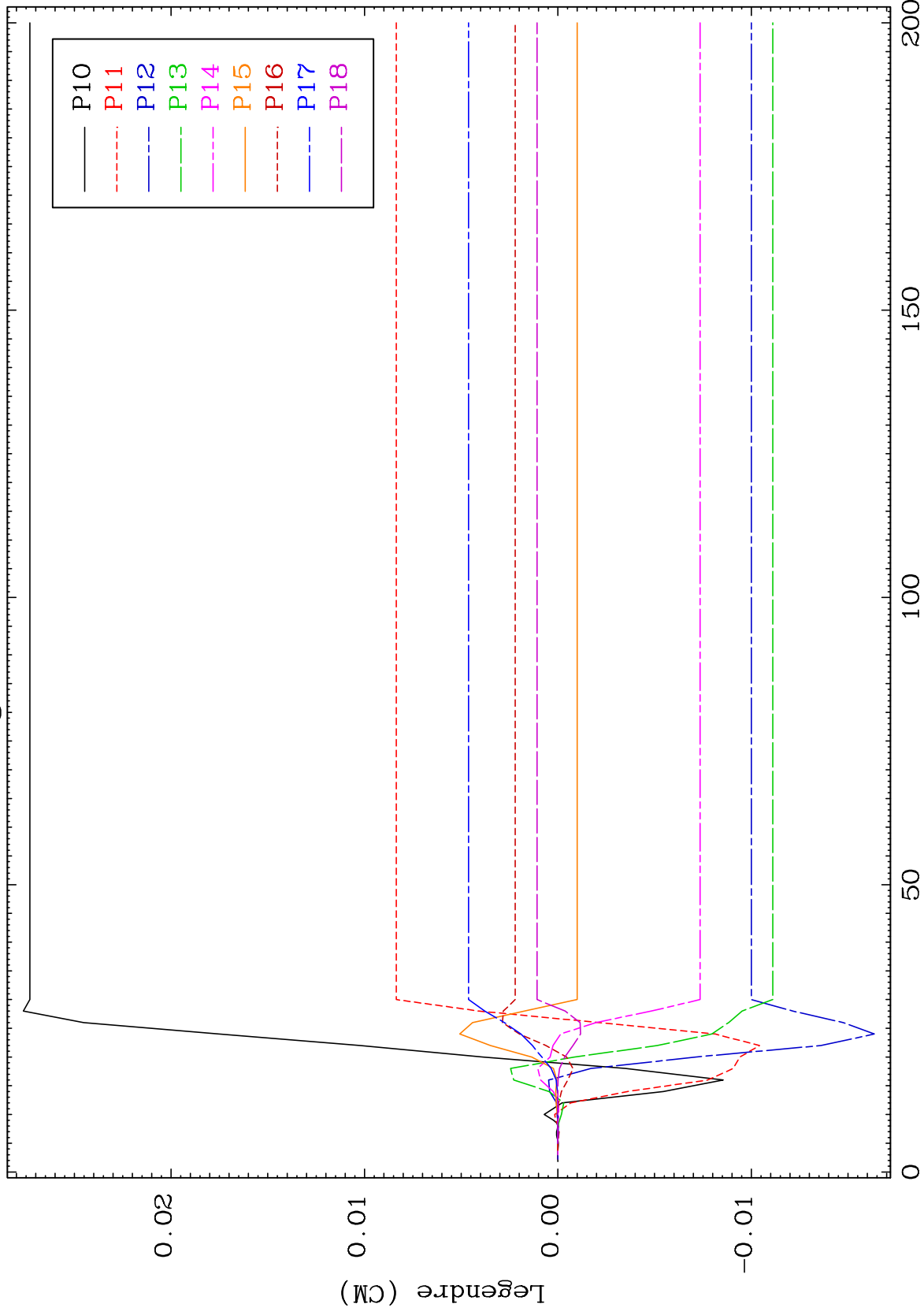
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77

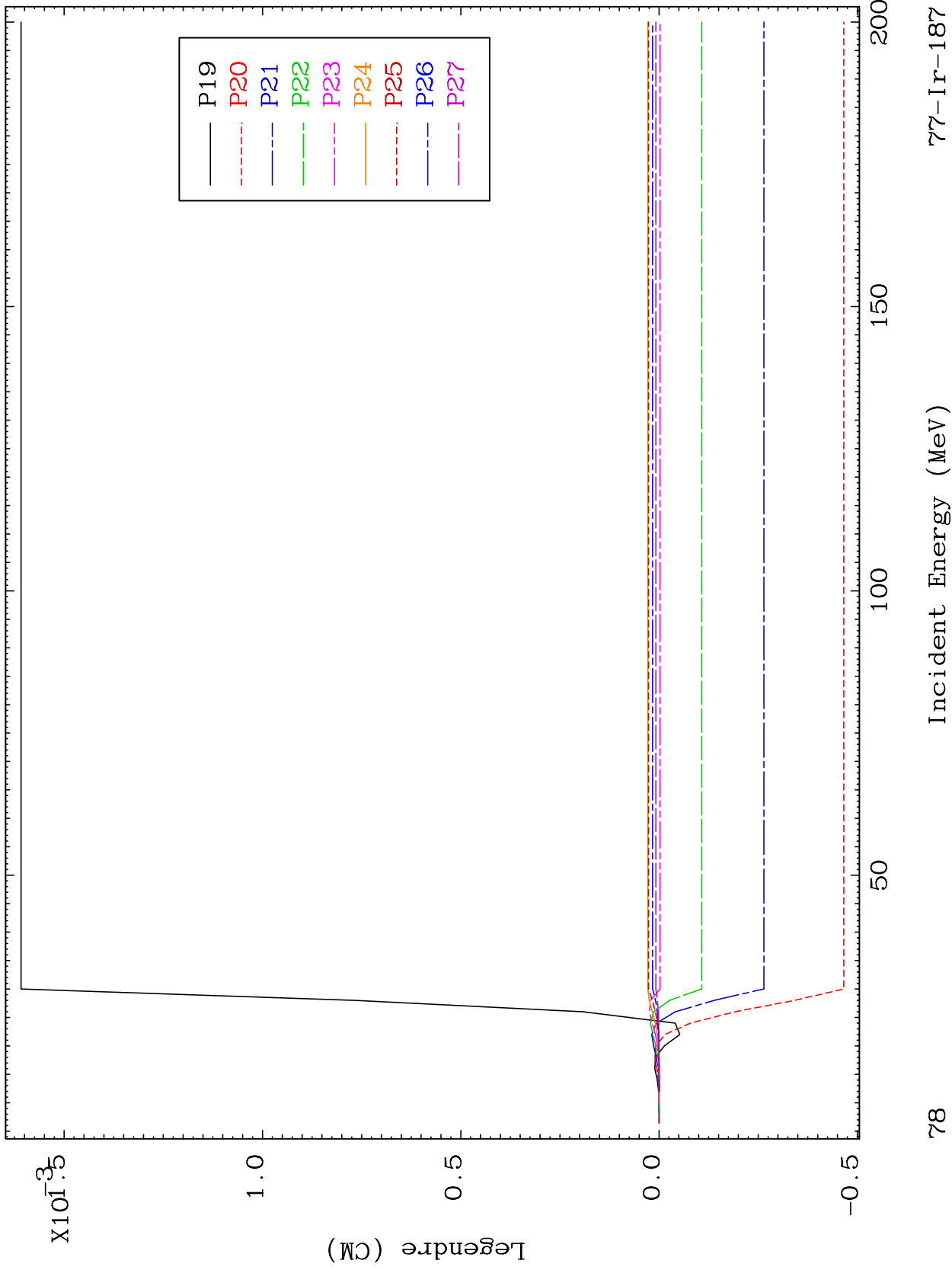
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

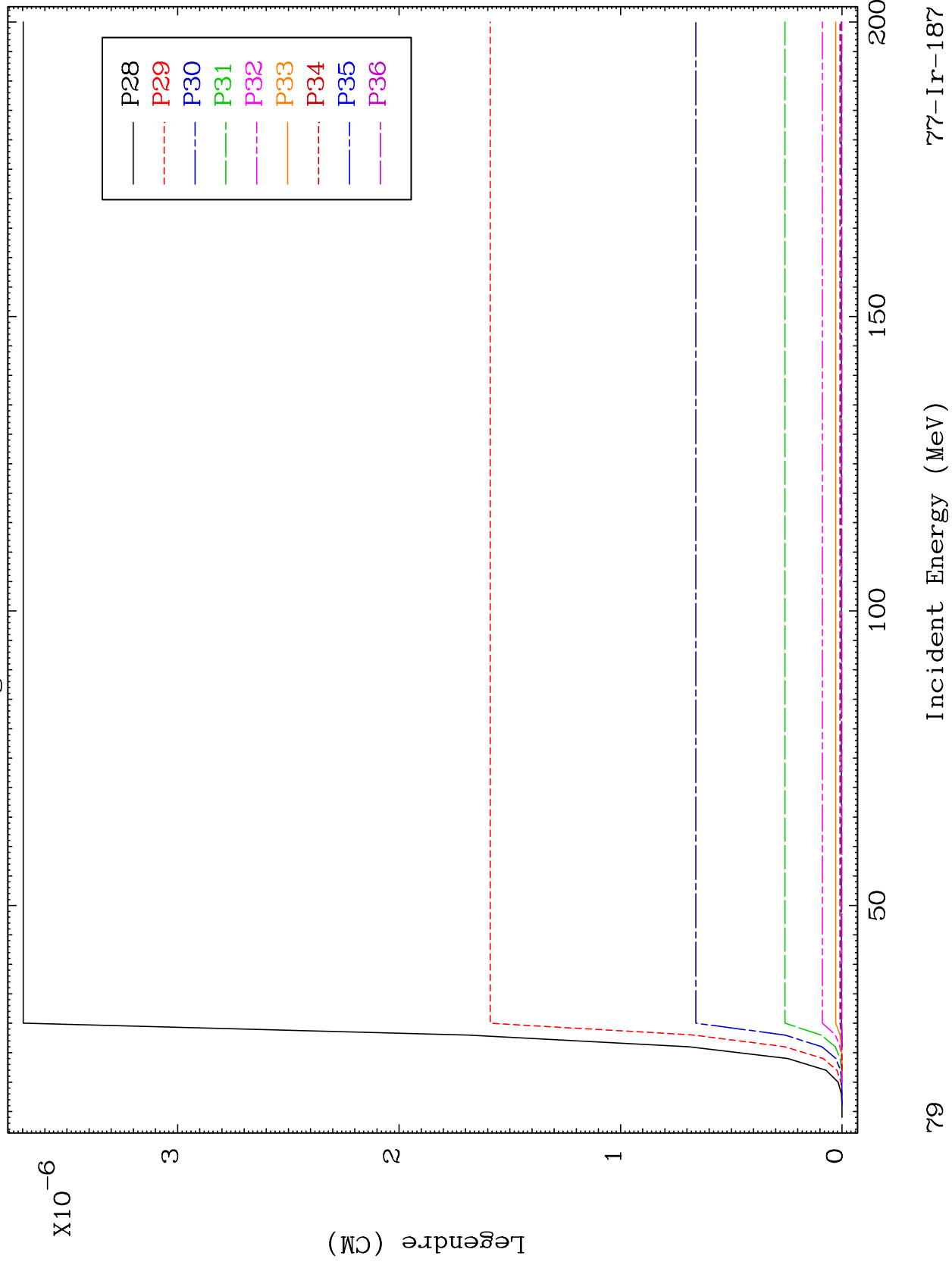
77-Ir-187



MAT 7713

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

77-Ir-187



79

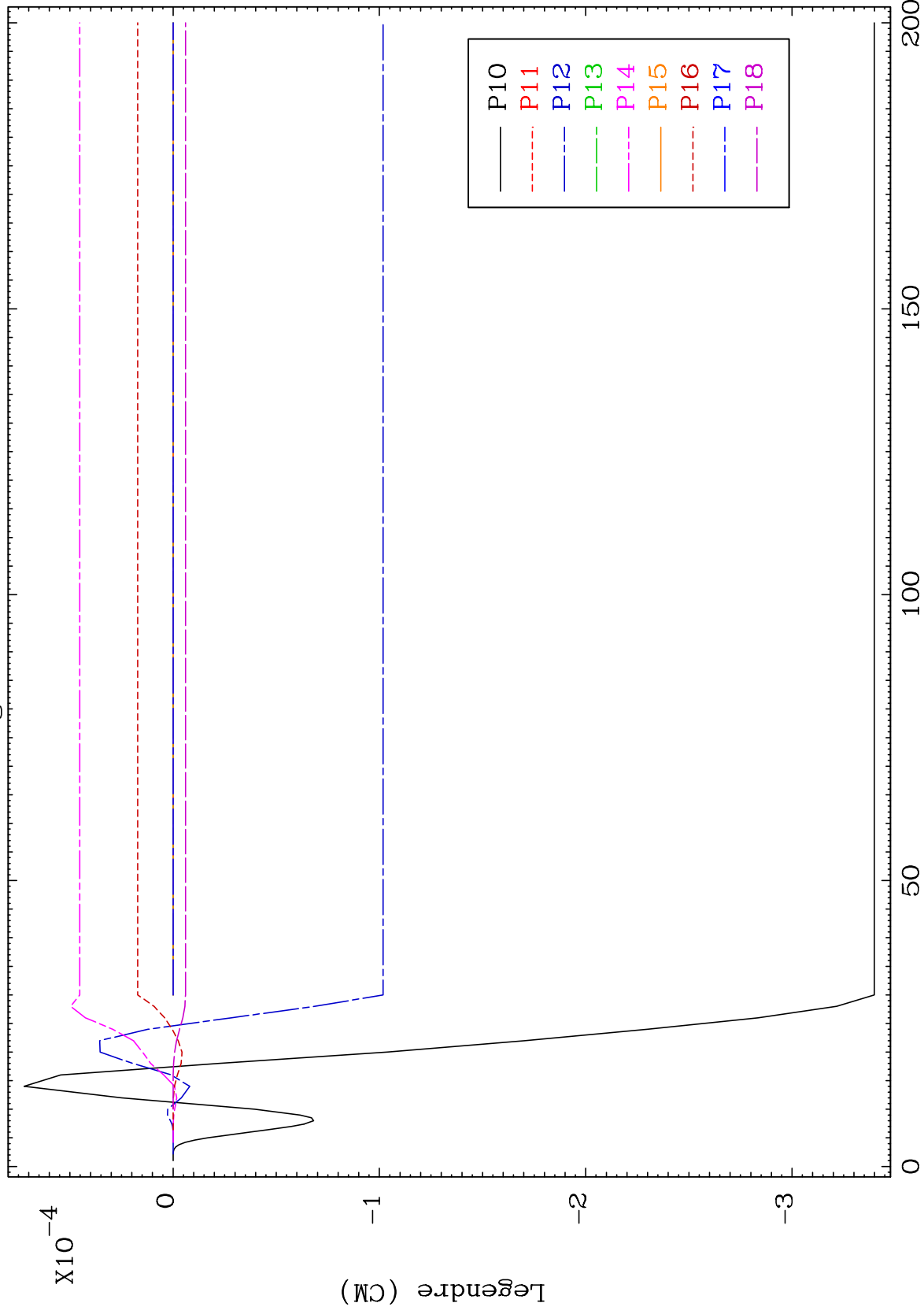
77-Ir-187



MAT 7713

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

77-Ir-187



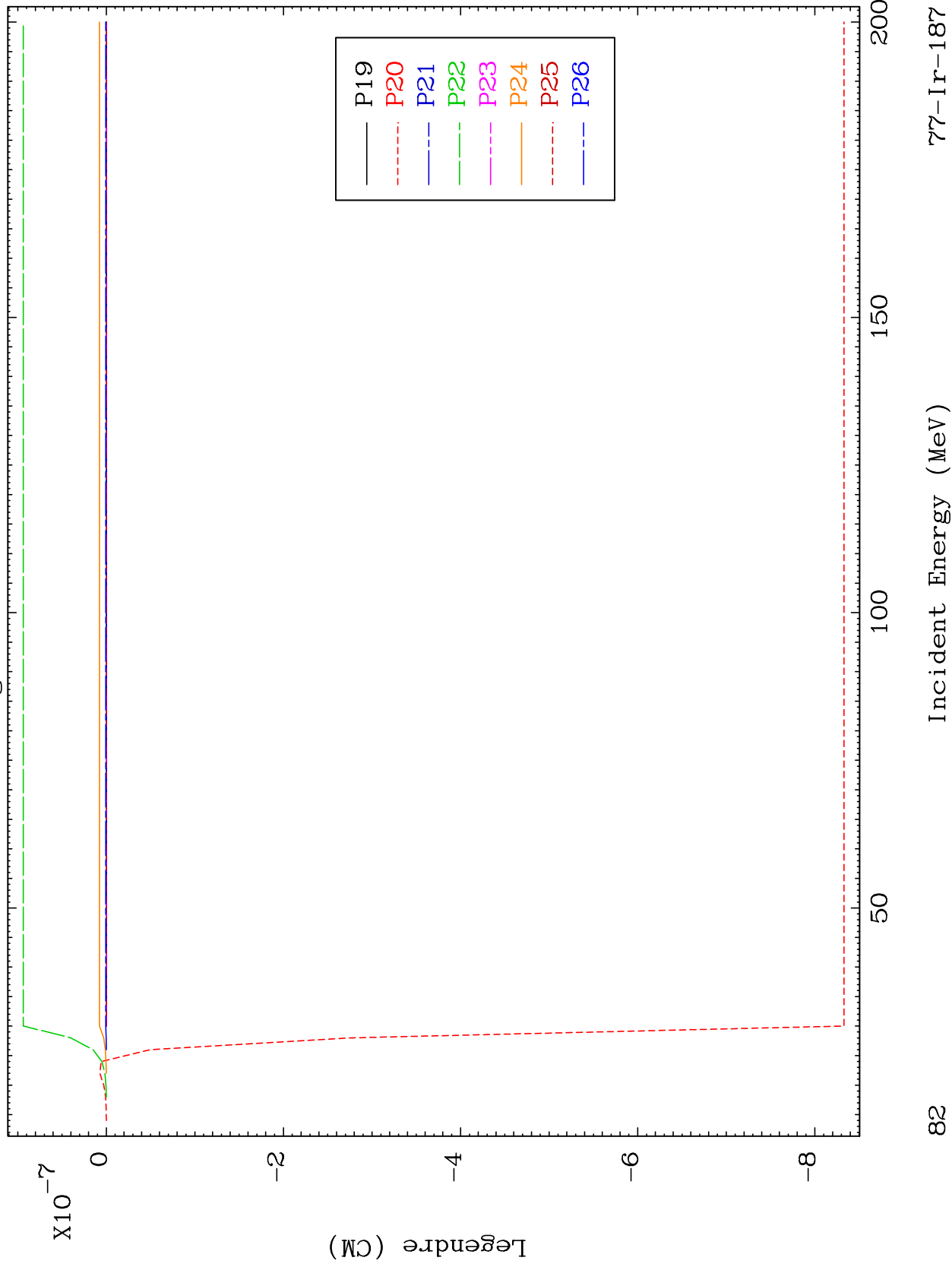
81

77-Ir-187

MAT 7713

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

77-Ir-187



82

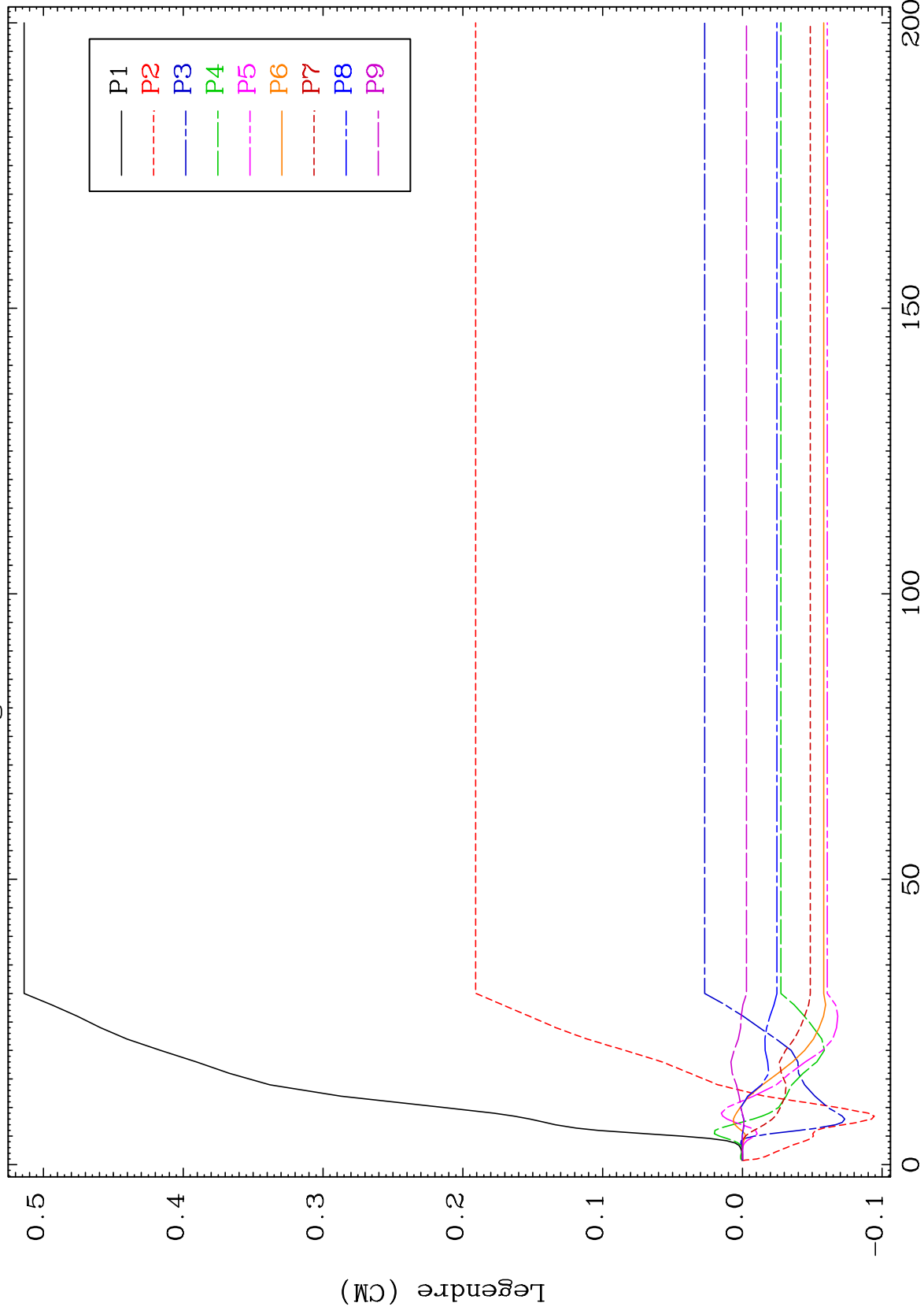
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



83

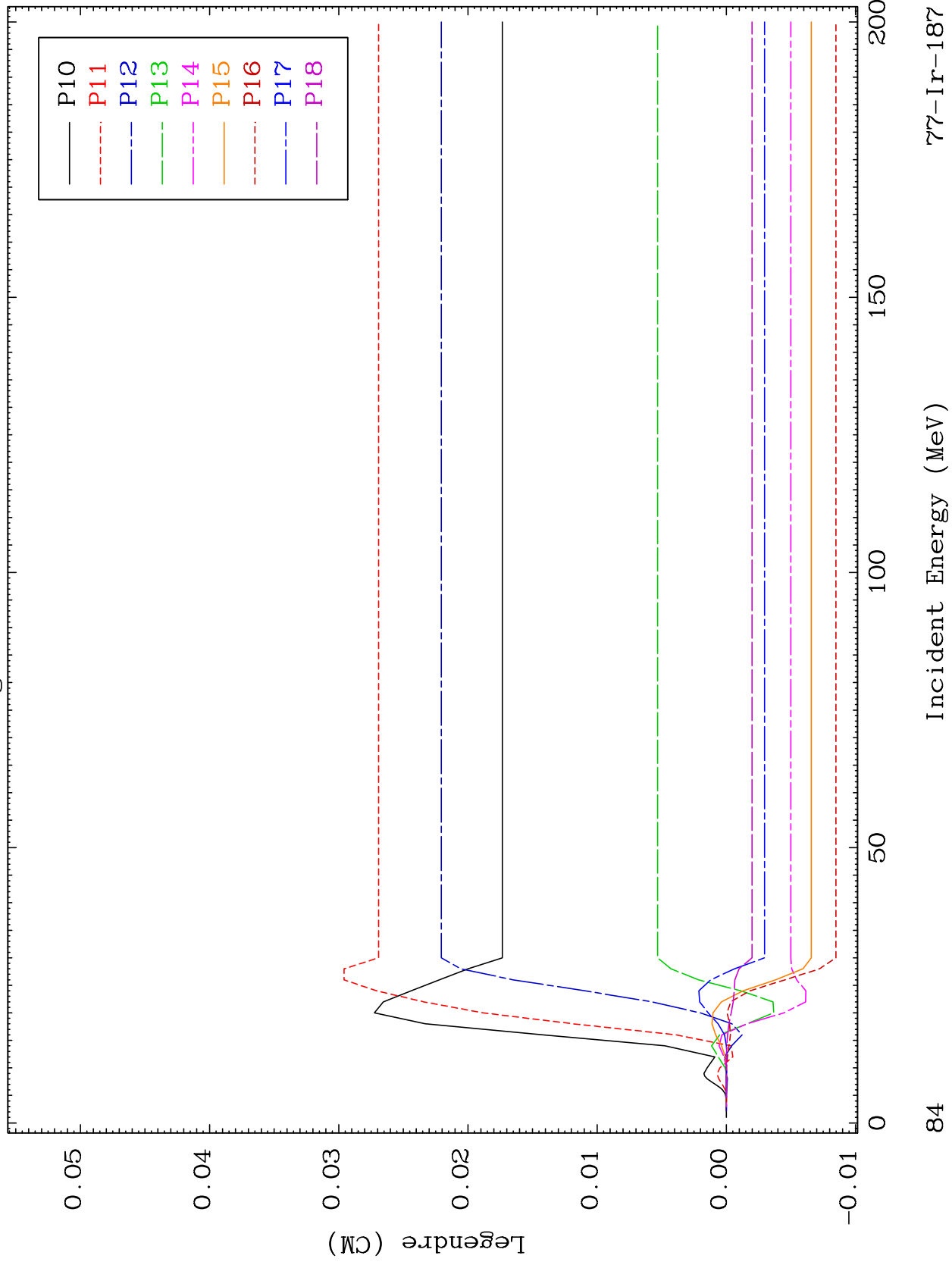
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

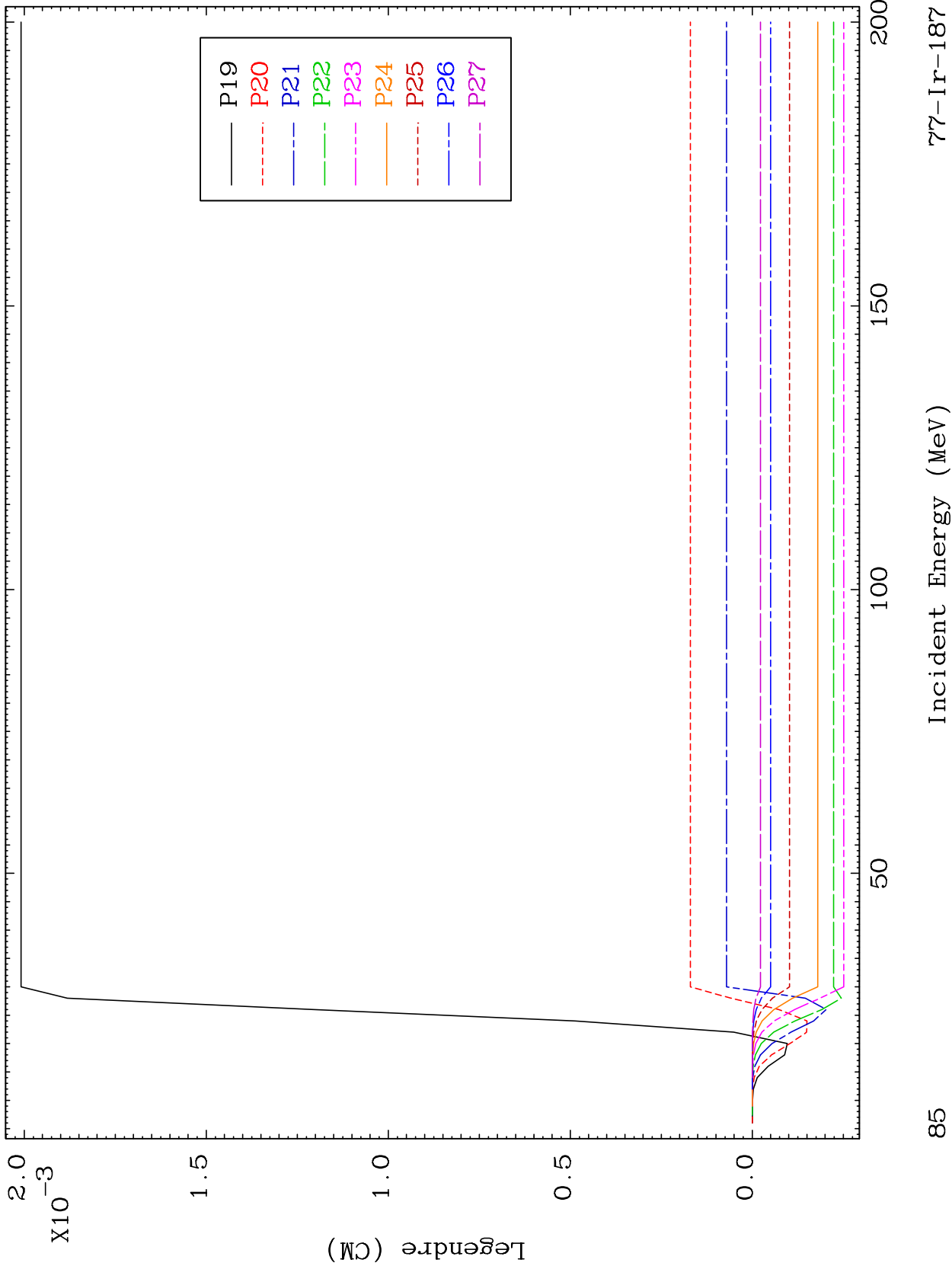
77-Ir-187

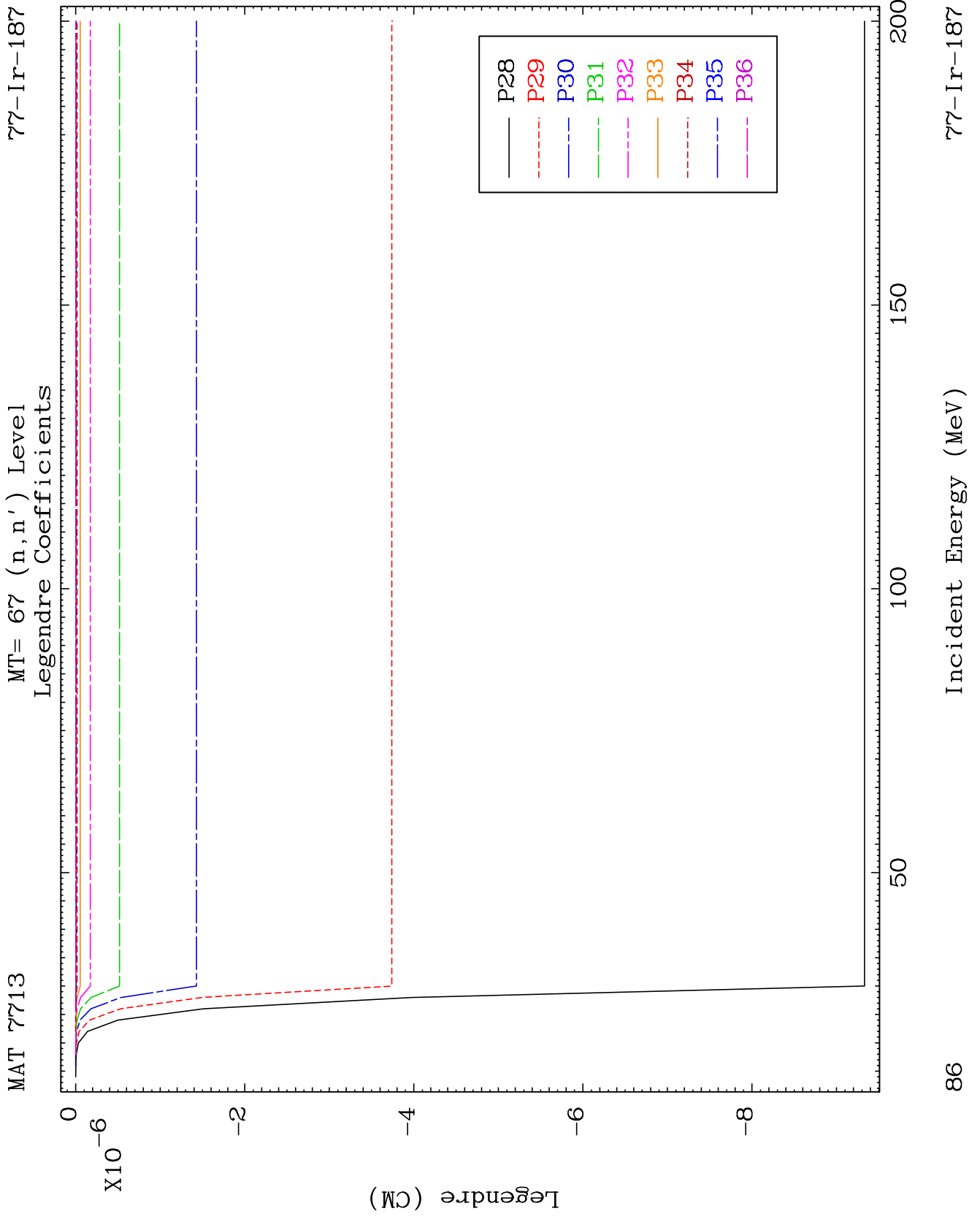


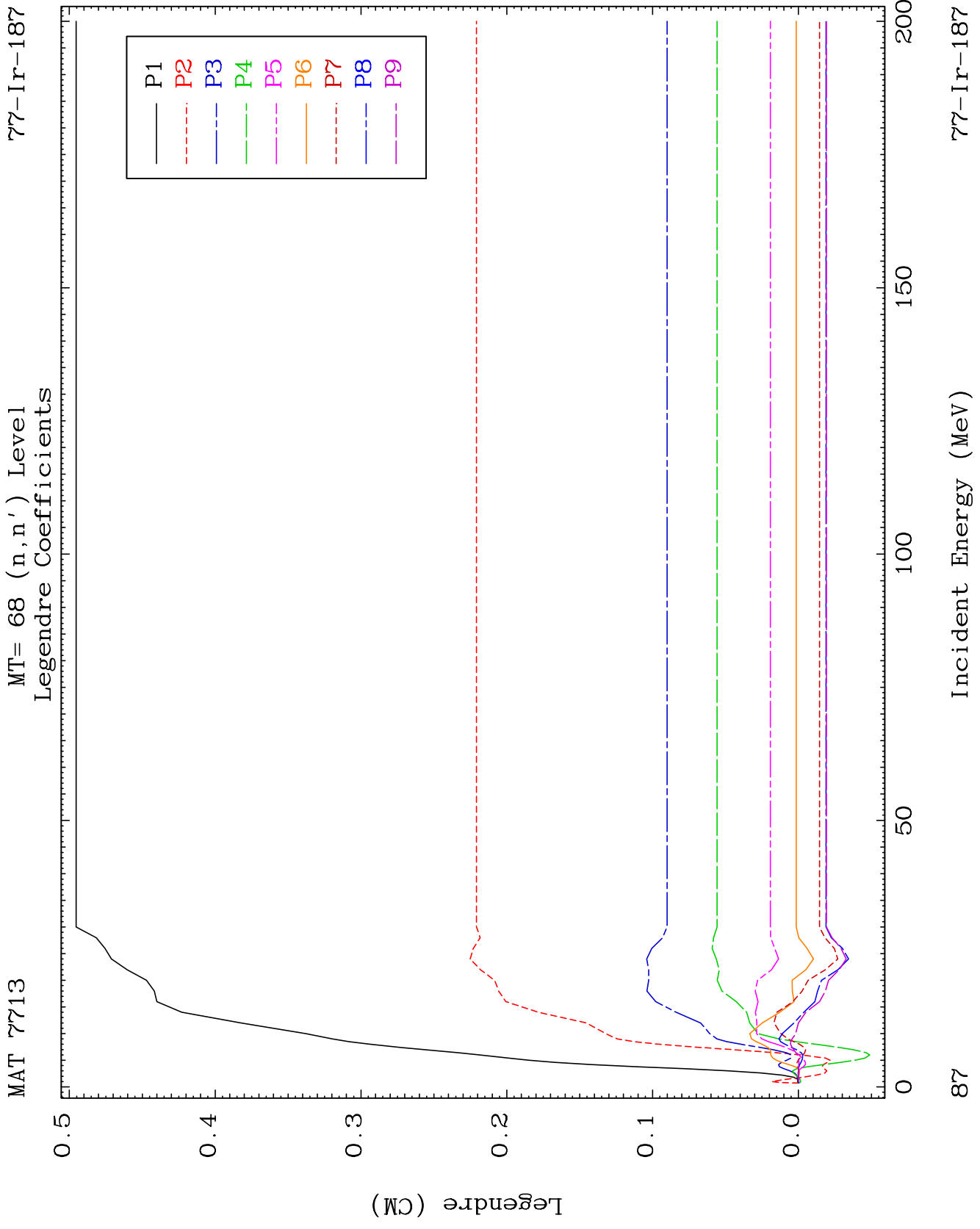
84

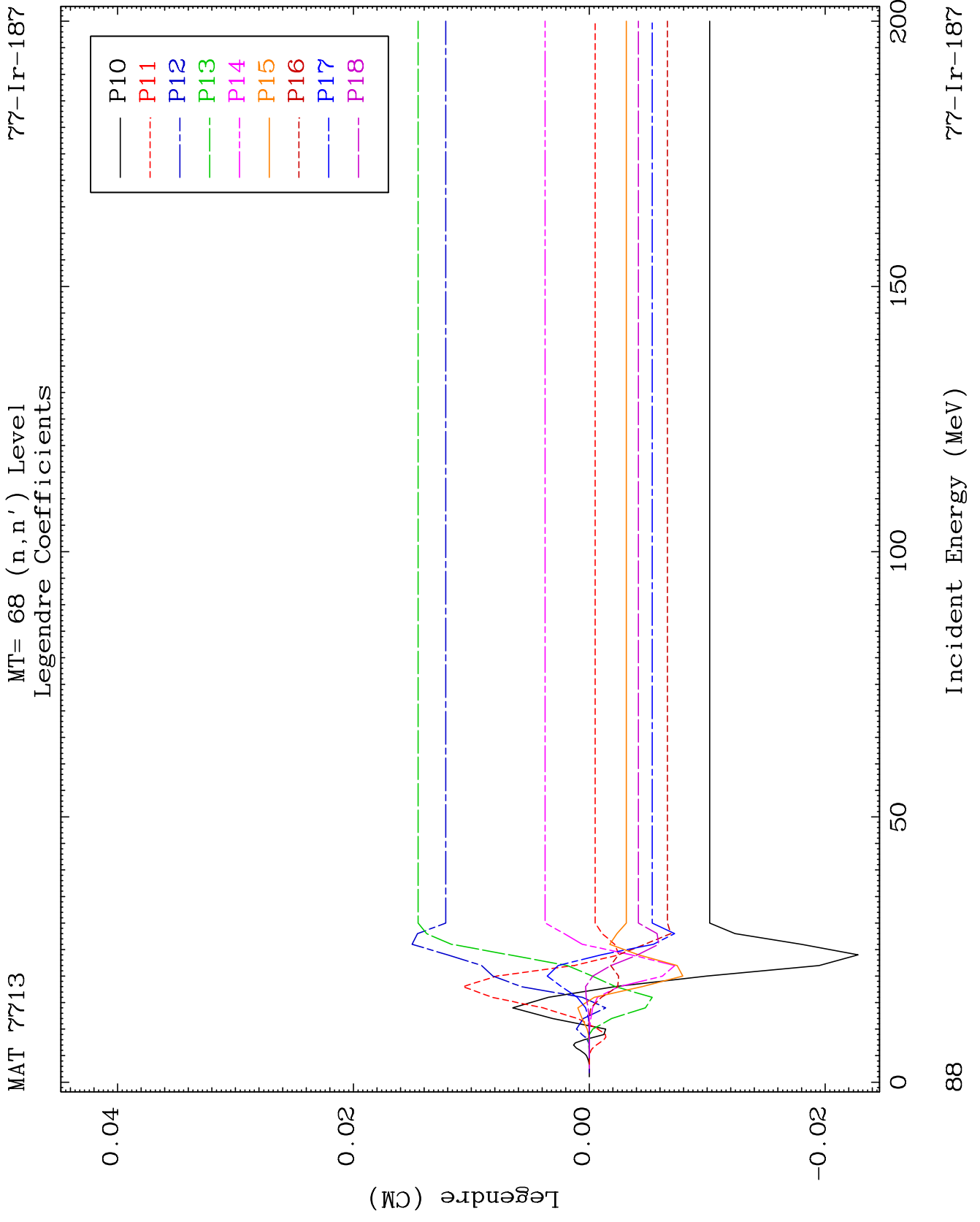
Incident Energy (MeV)

77-Ir-187





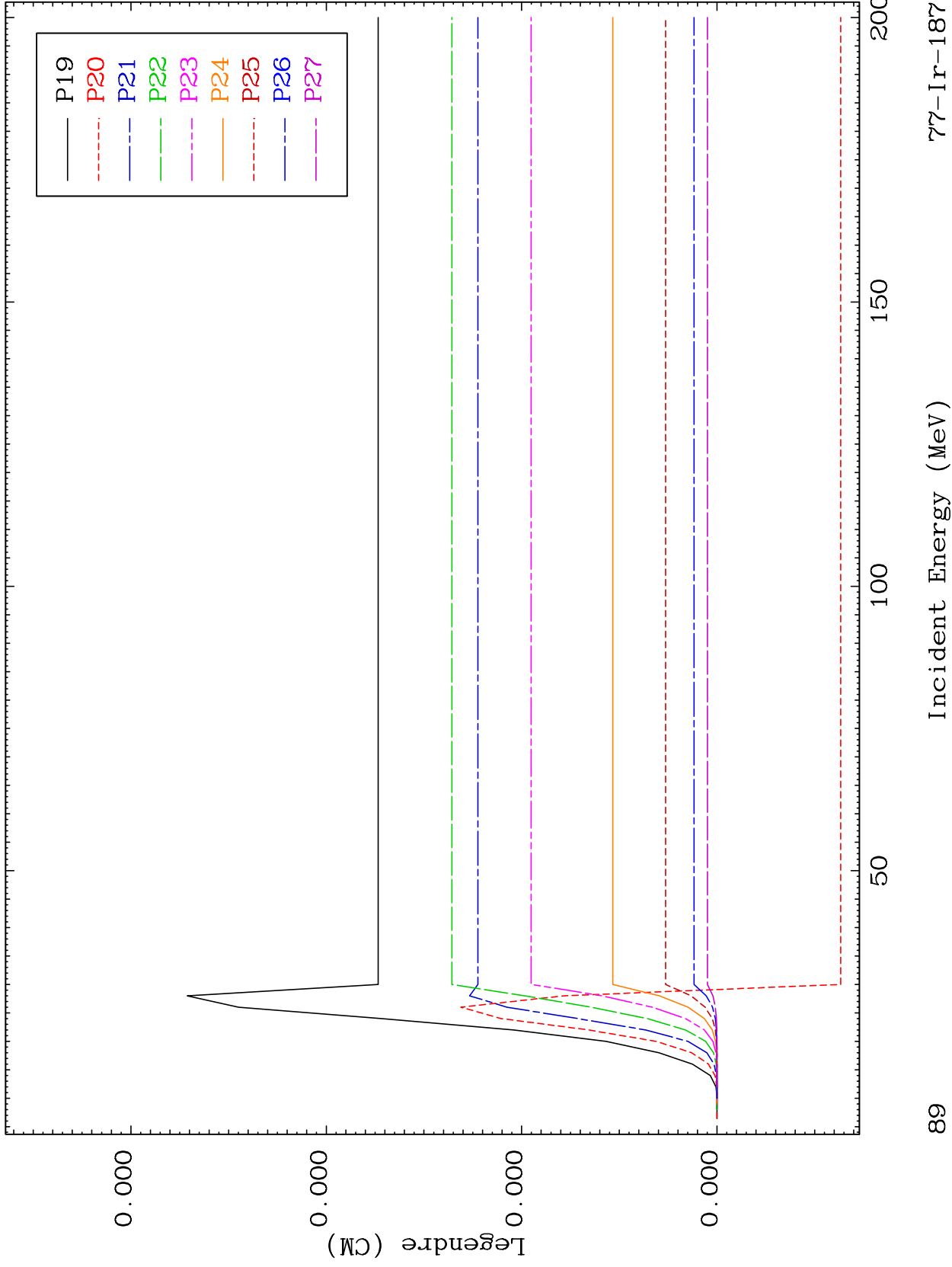




MAT 7713

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

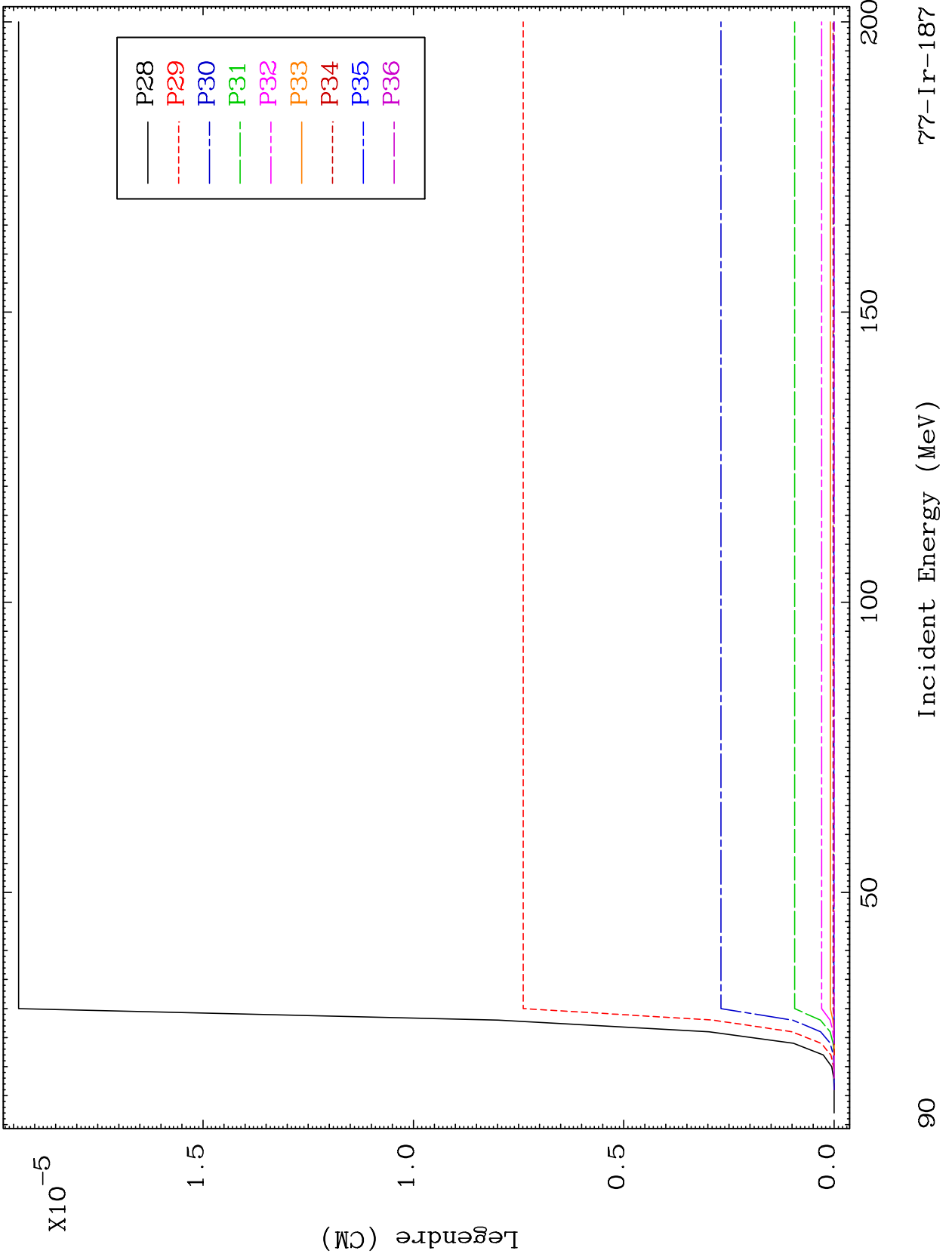
77-Ir-187

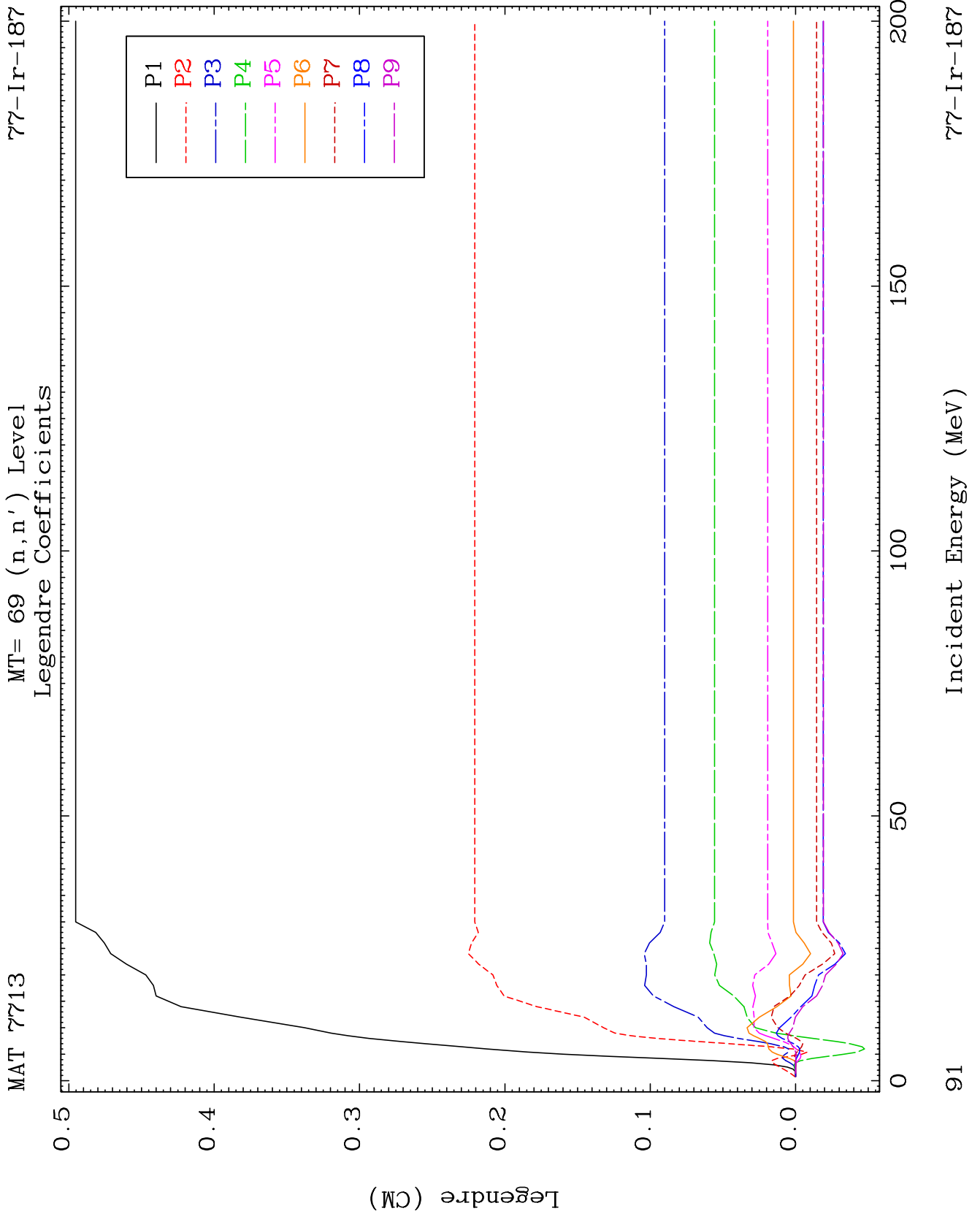


MAT 7713

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

77-Ir-187

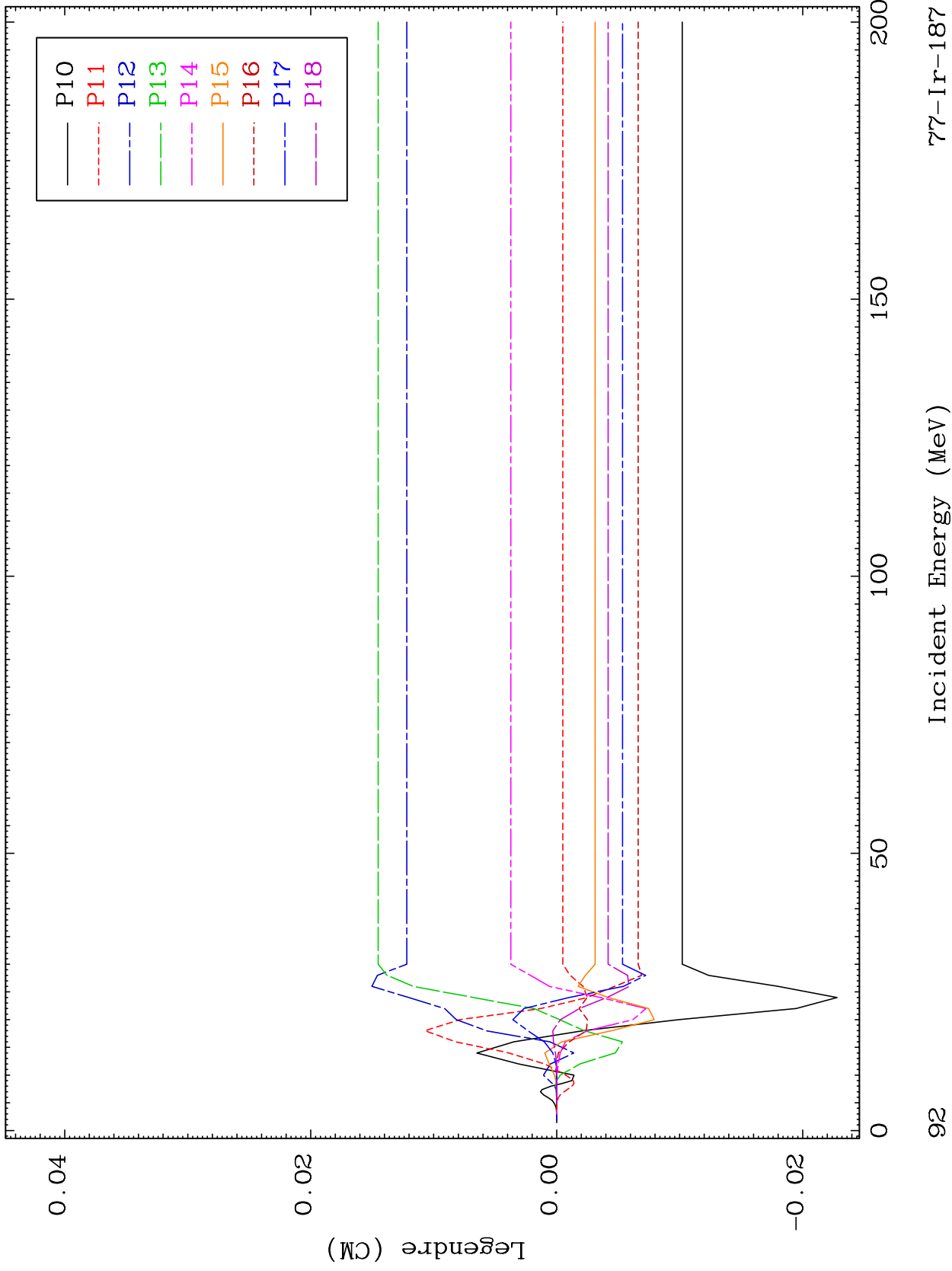




MAT 7713

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

77-Ir-187



77-Ir-187

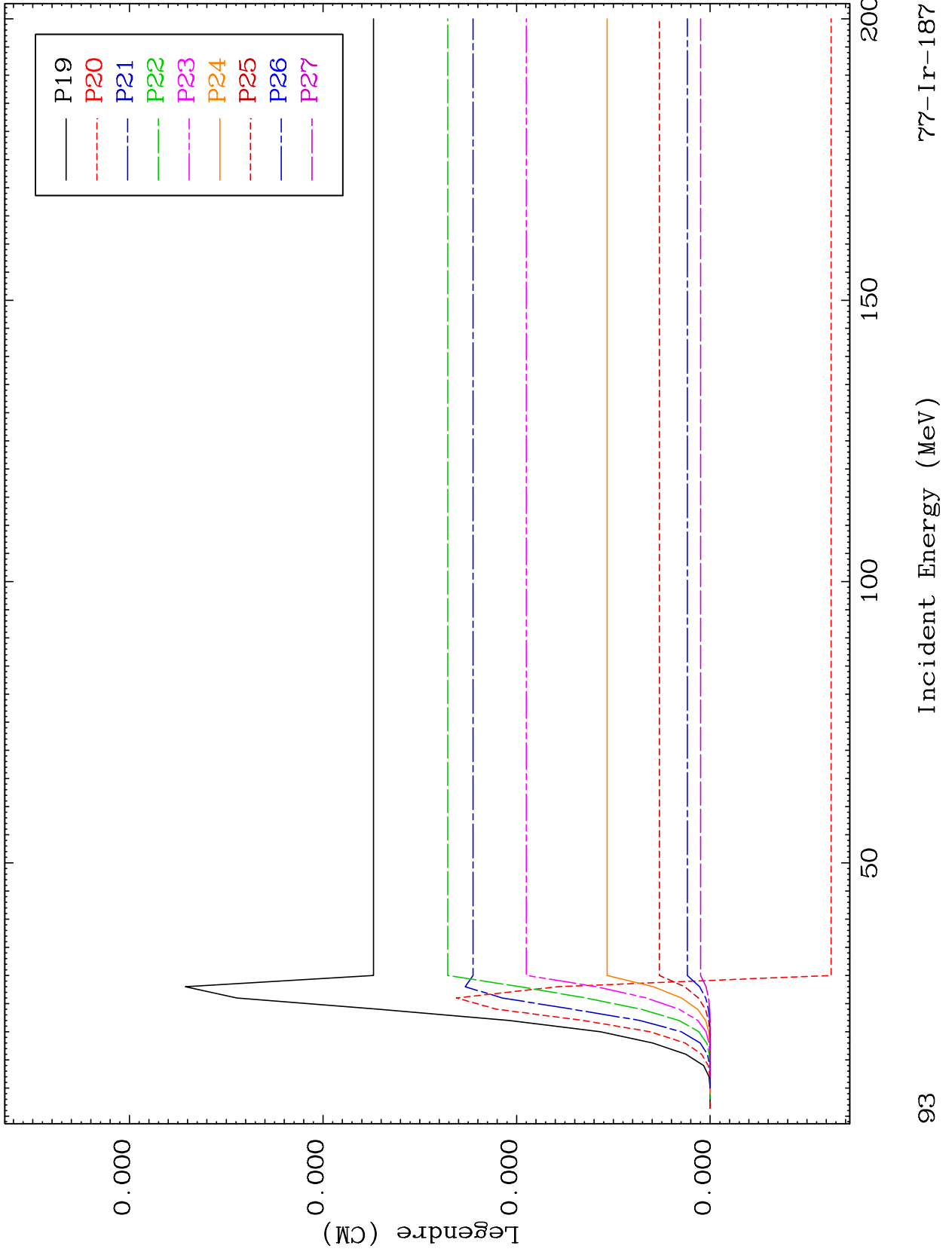
Incident Energy (MeV)

92

MAT 7713

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

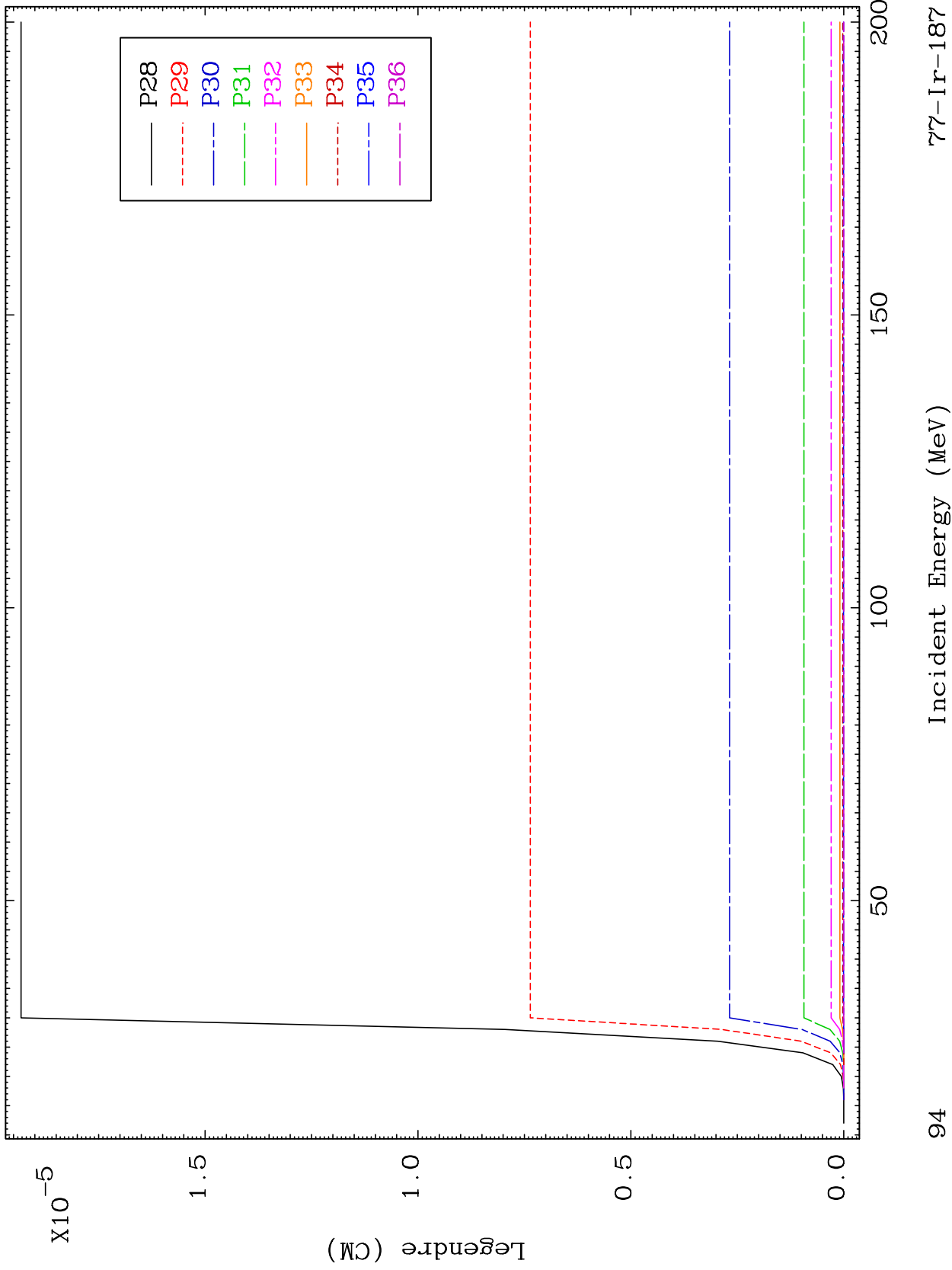
77-Ir-187



93

Incident Energy (MeV)

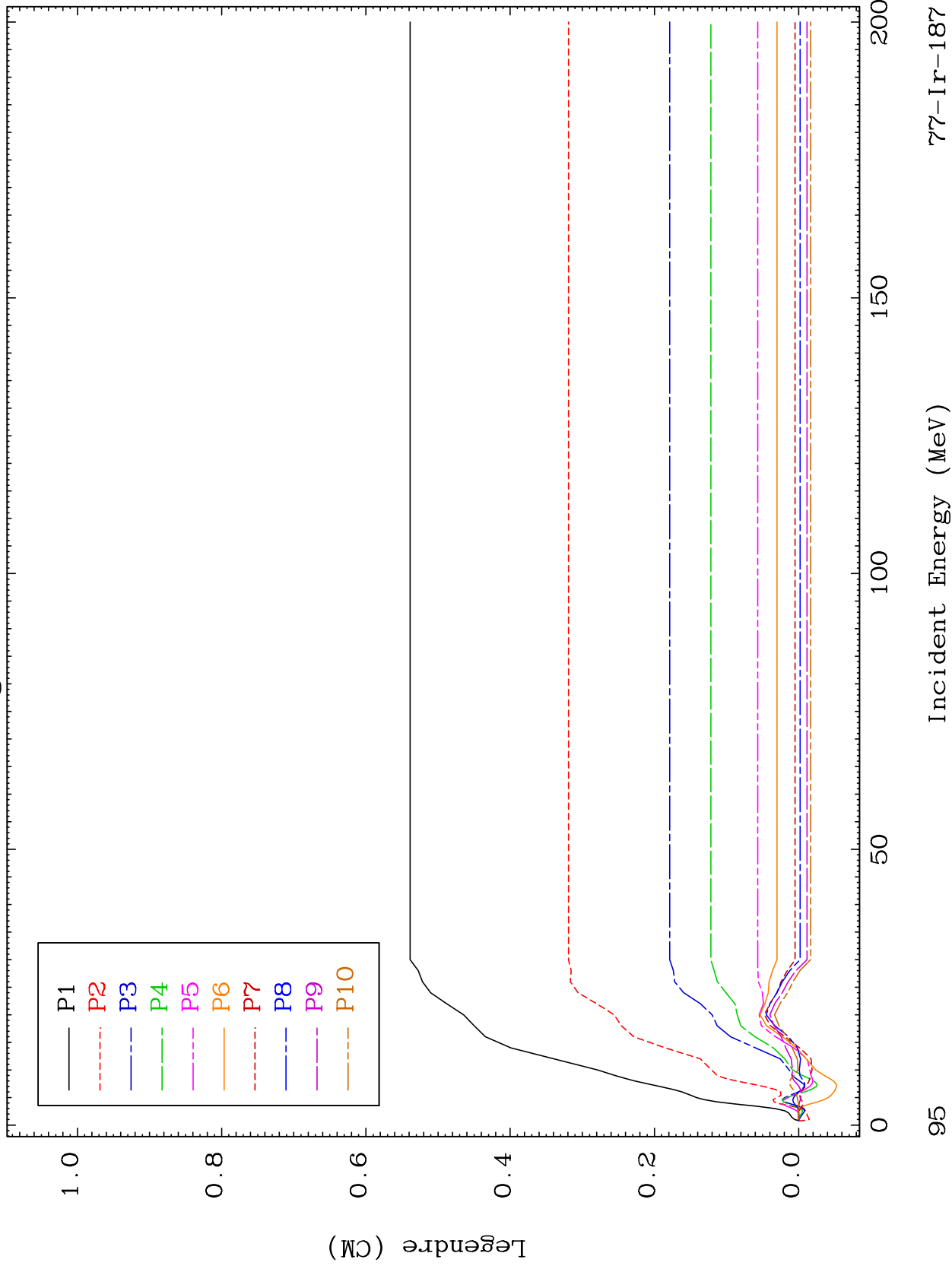
77-Ir-187



MAT 7713

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

77-Ir-187

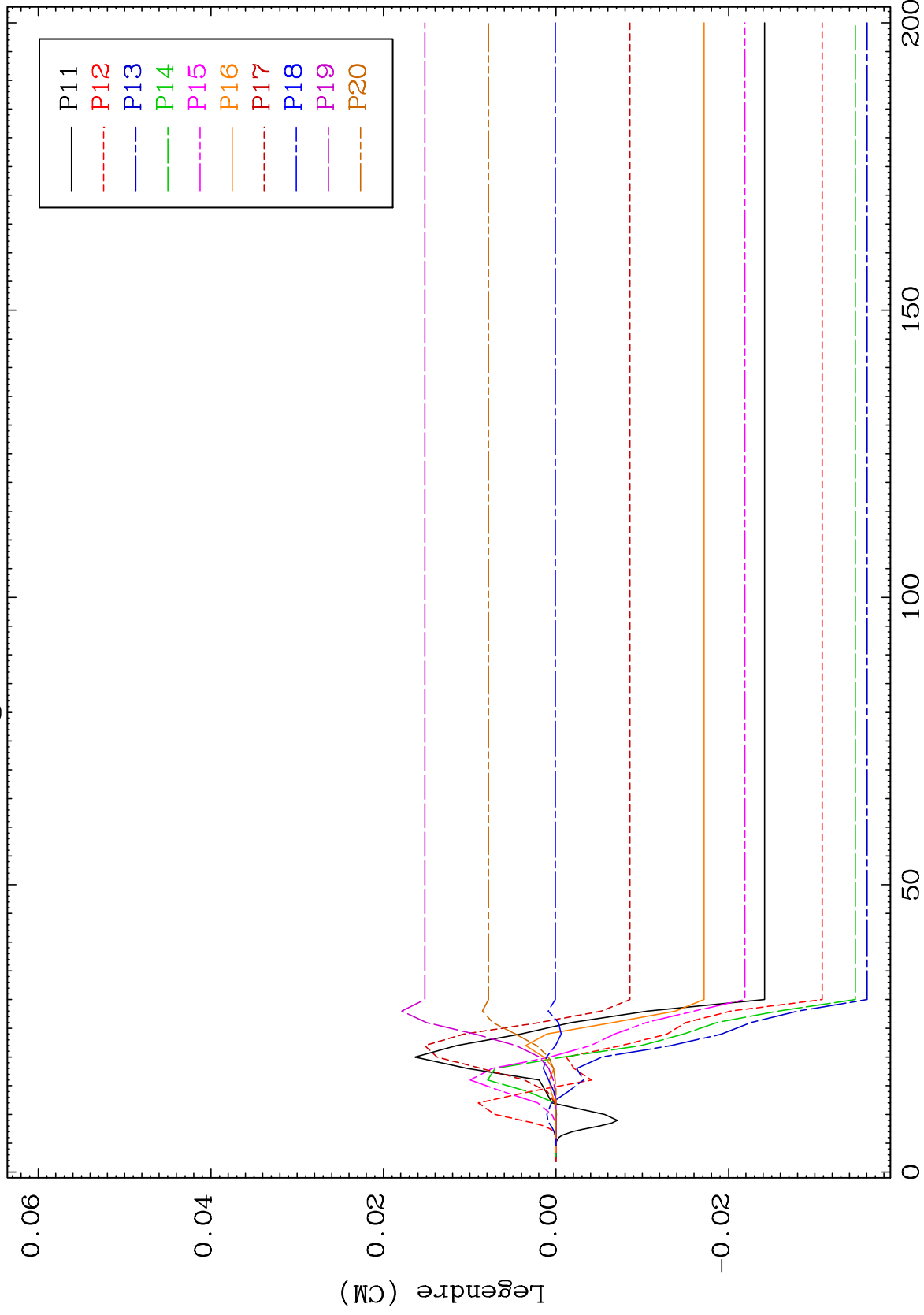


95

MAT 7713

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

77-Ir-187



96

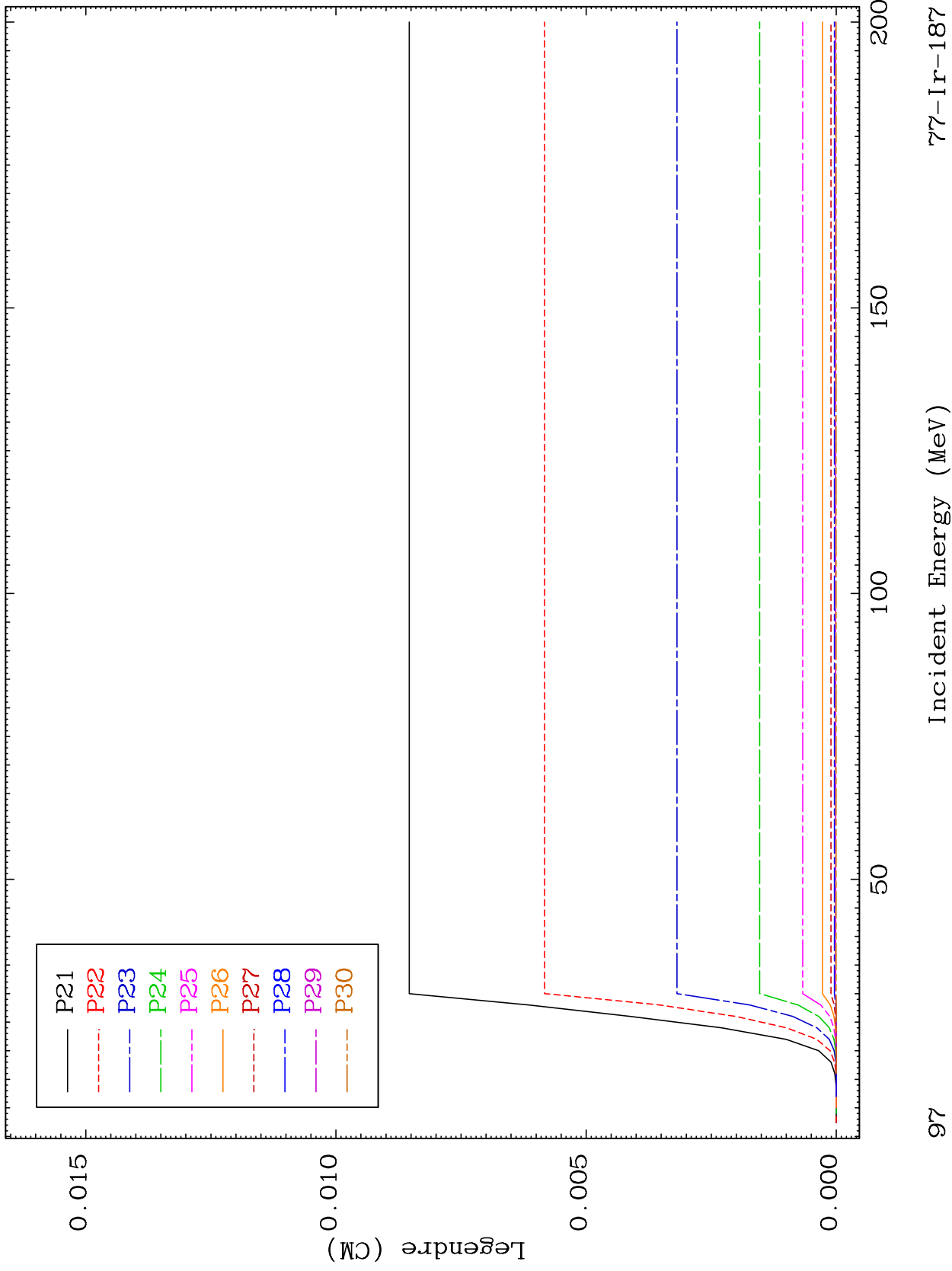
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

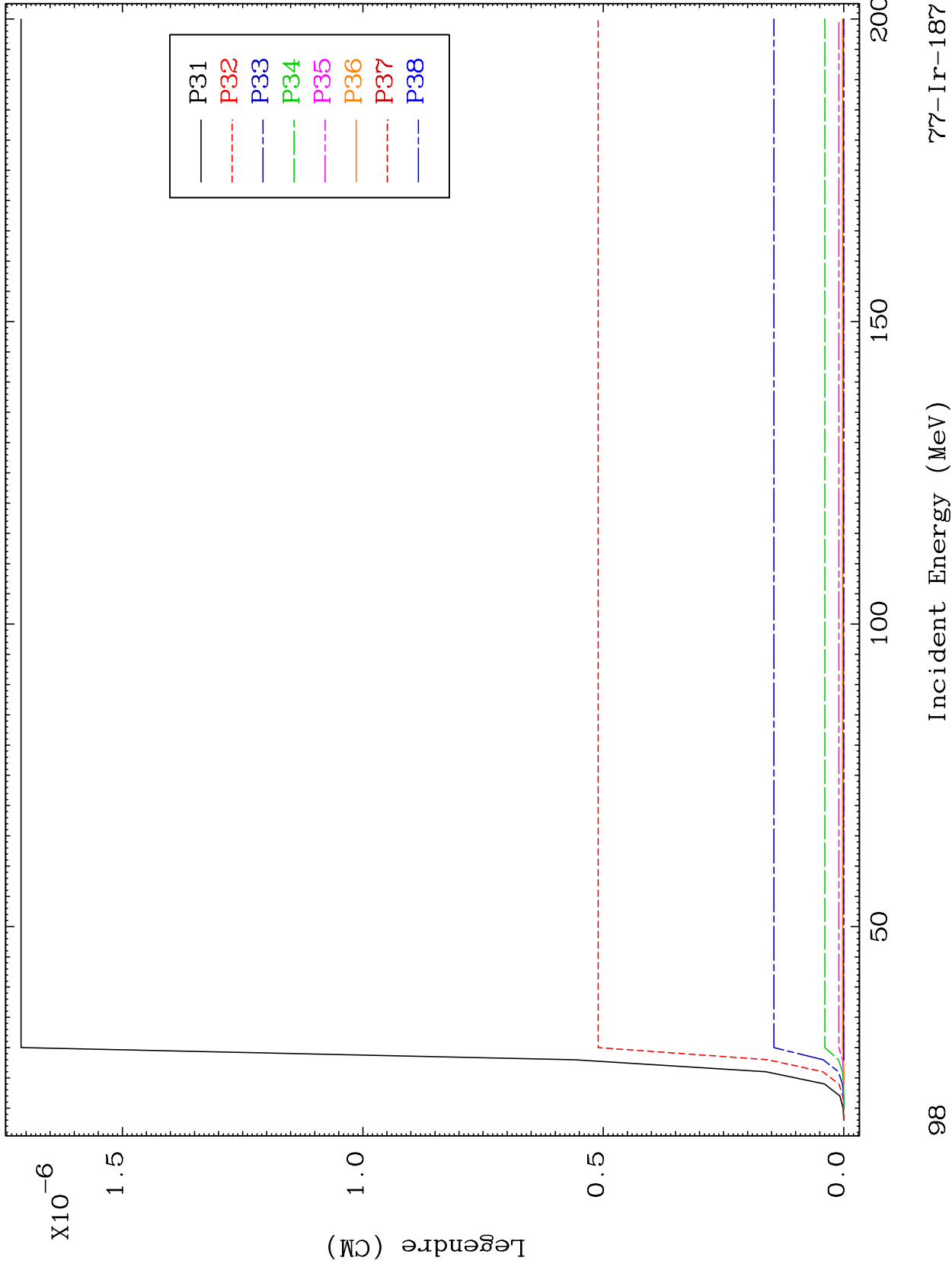
77-Ir-187



MAT 7713

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

77-Ir-187



98

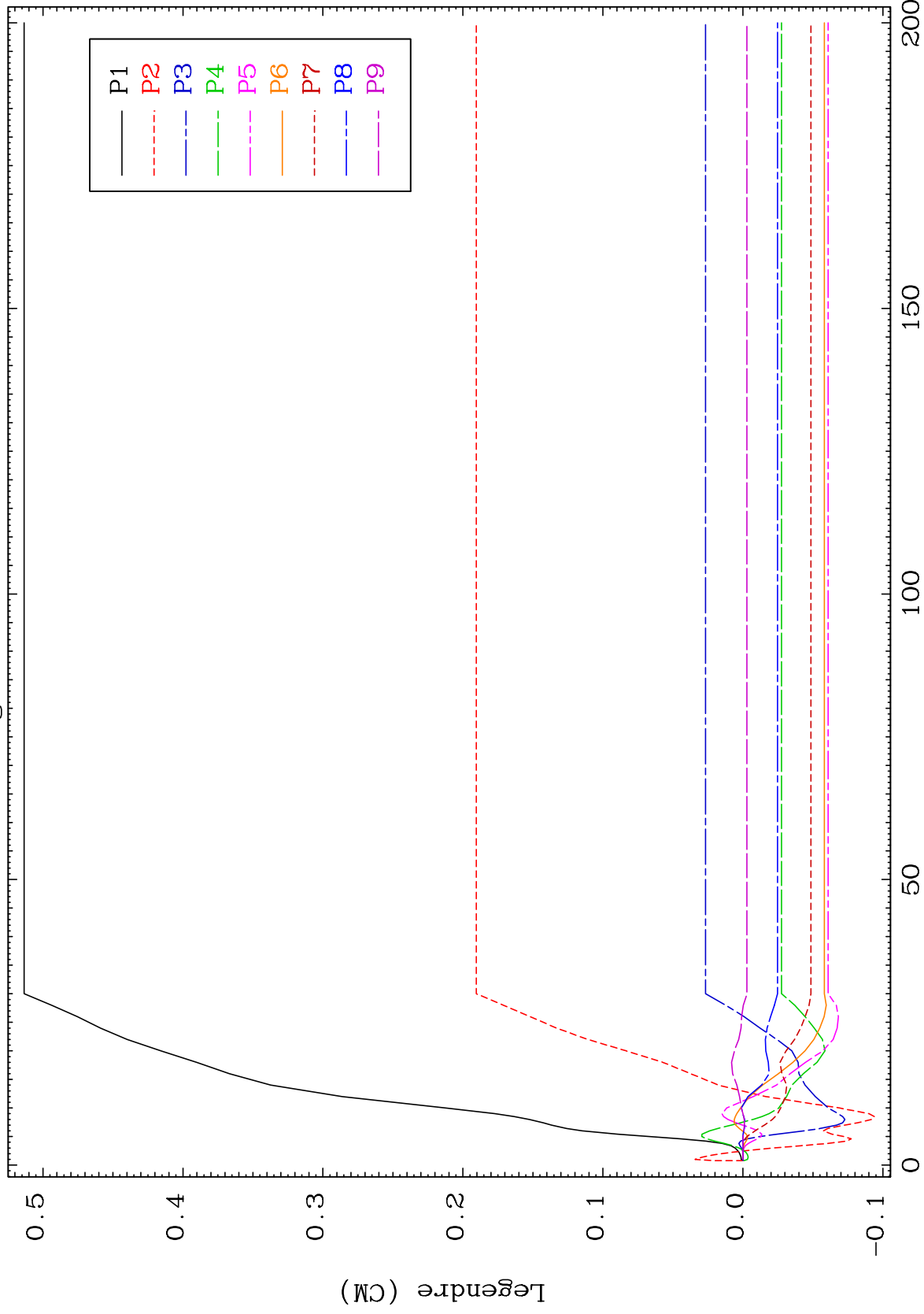
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



99

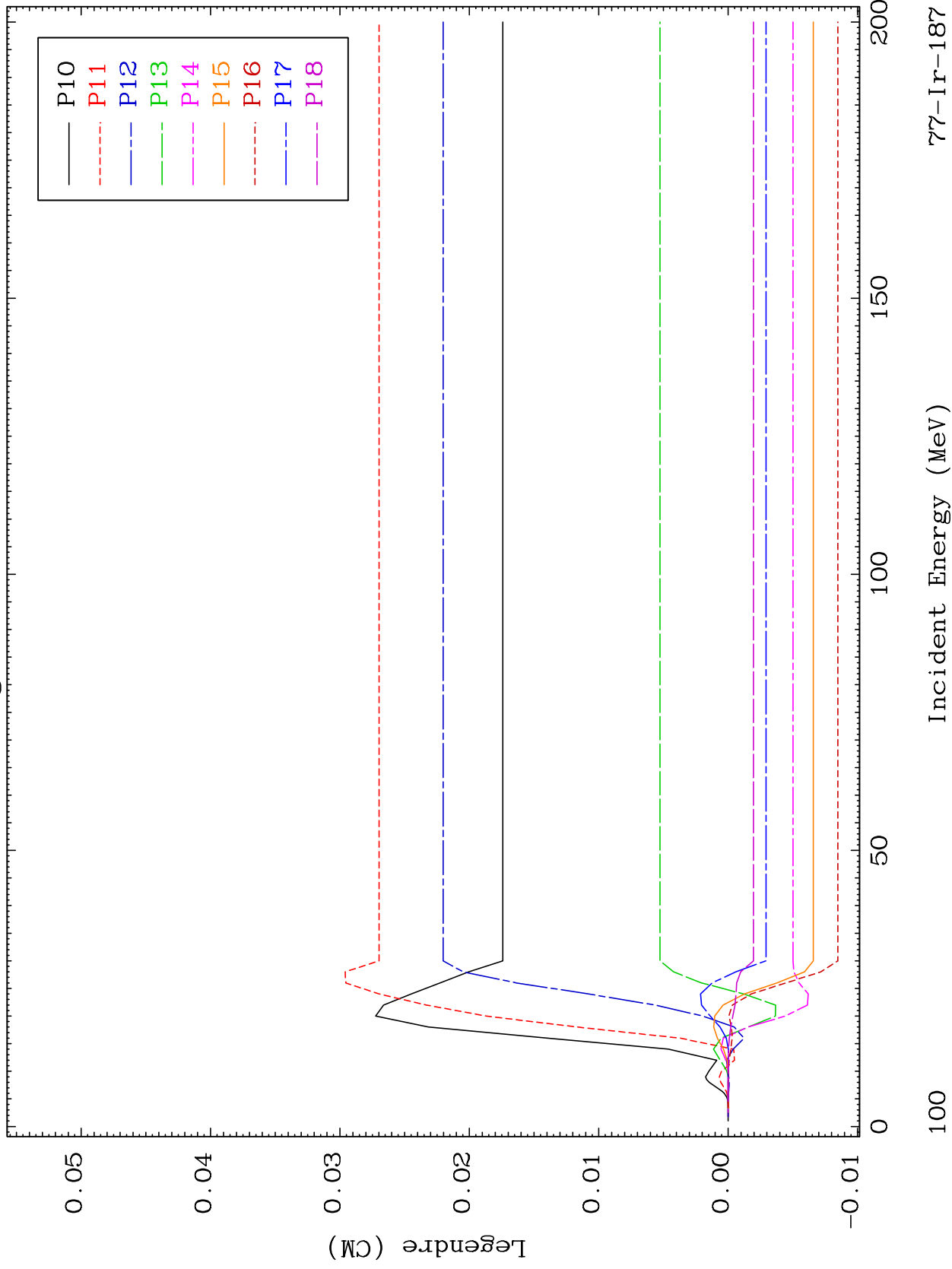
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

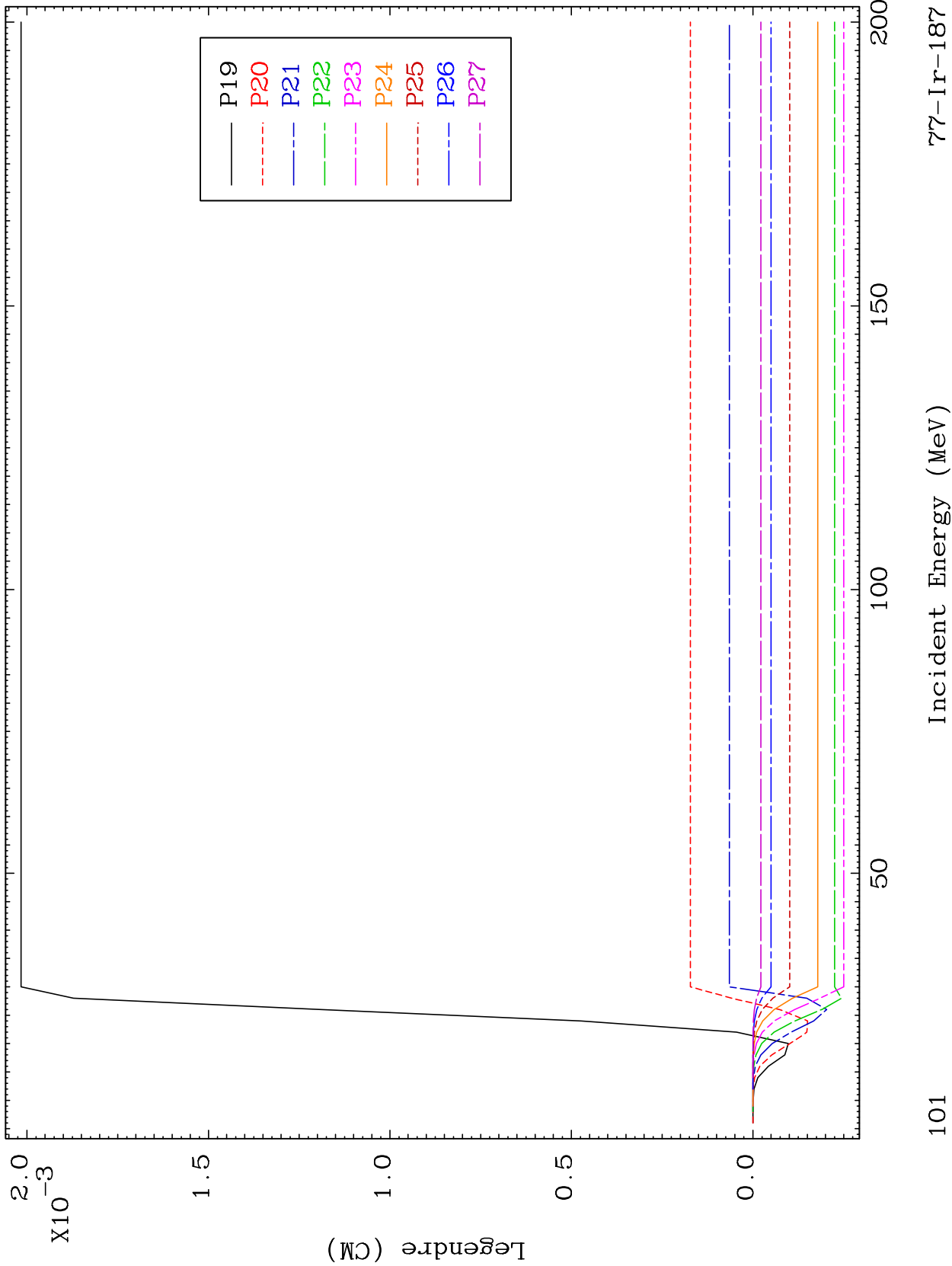
Incident Energy (MeV)

100

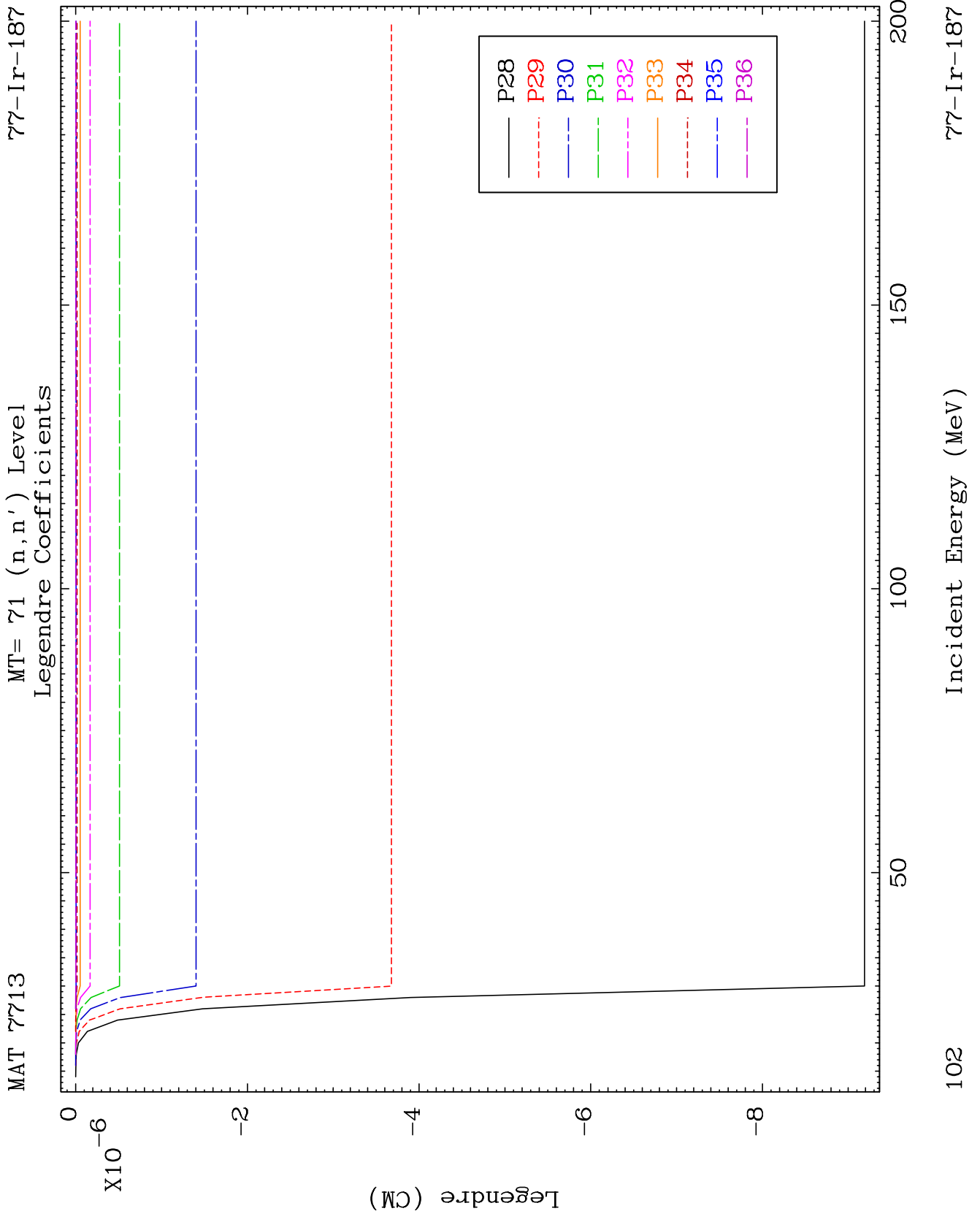
MAT 7713

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

77-Ir-187



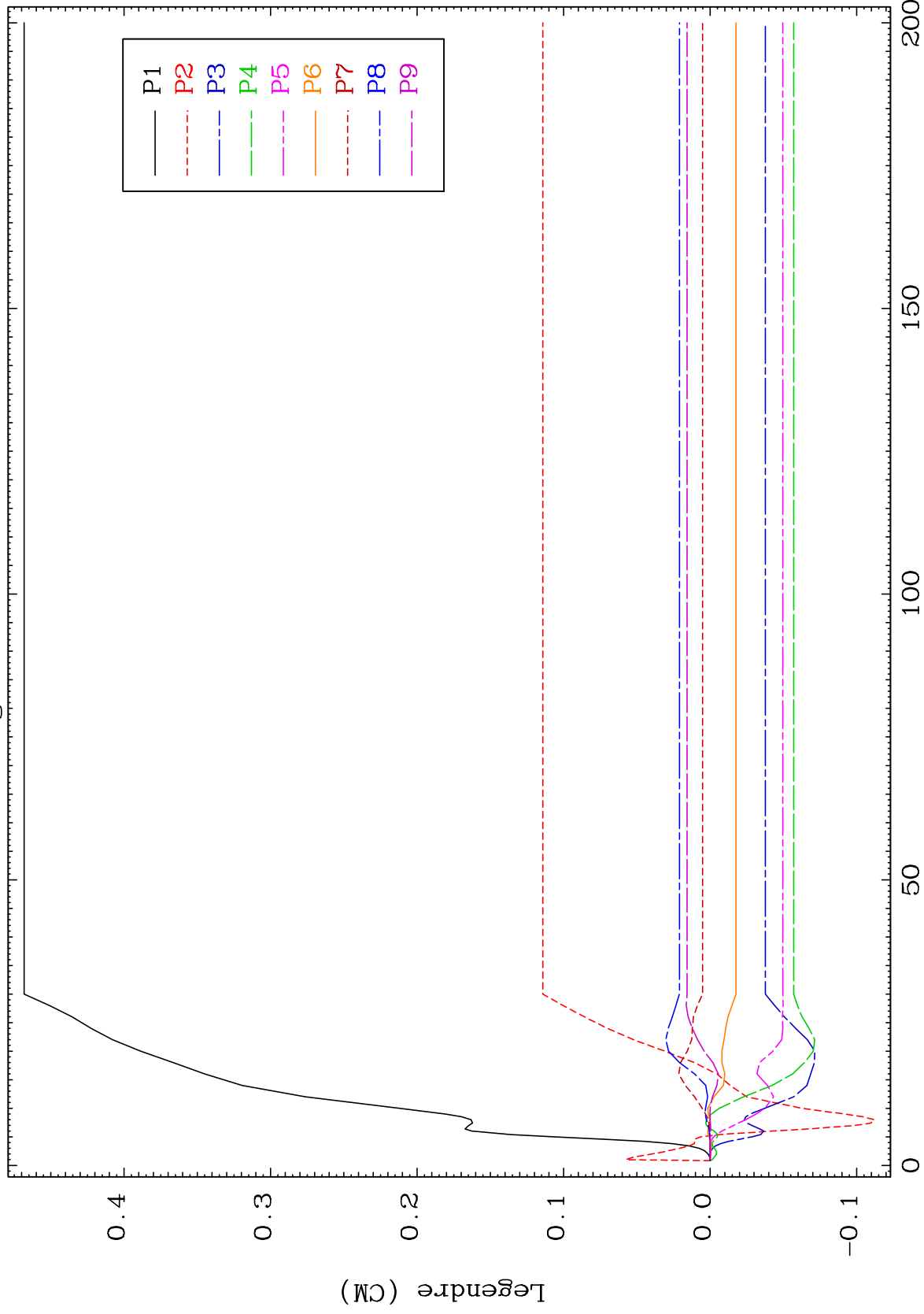
101



MAT 7713

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

77-Ir-187



77-Ir-187

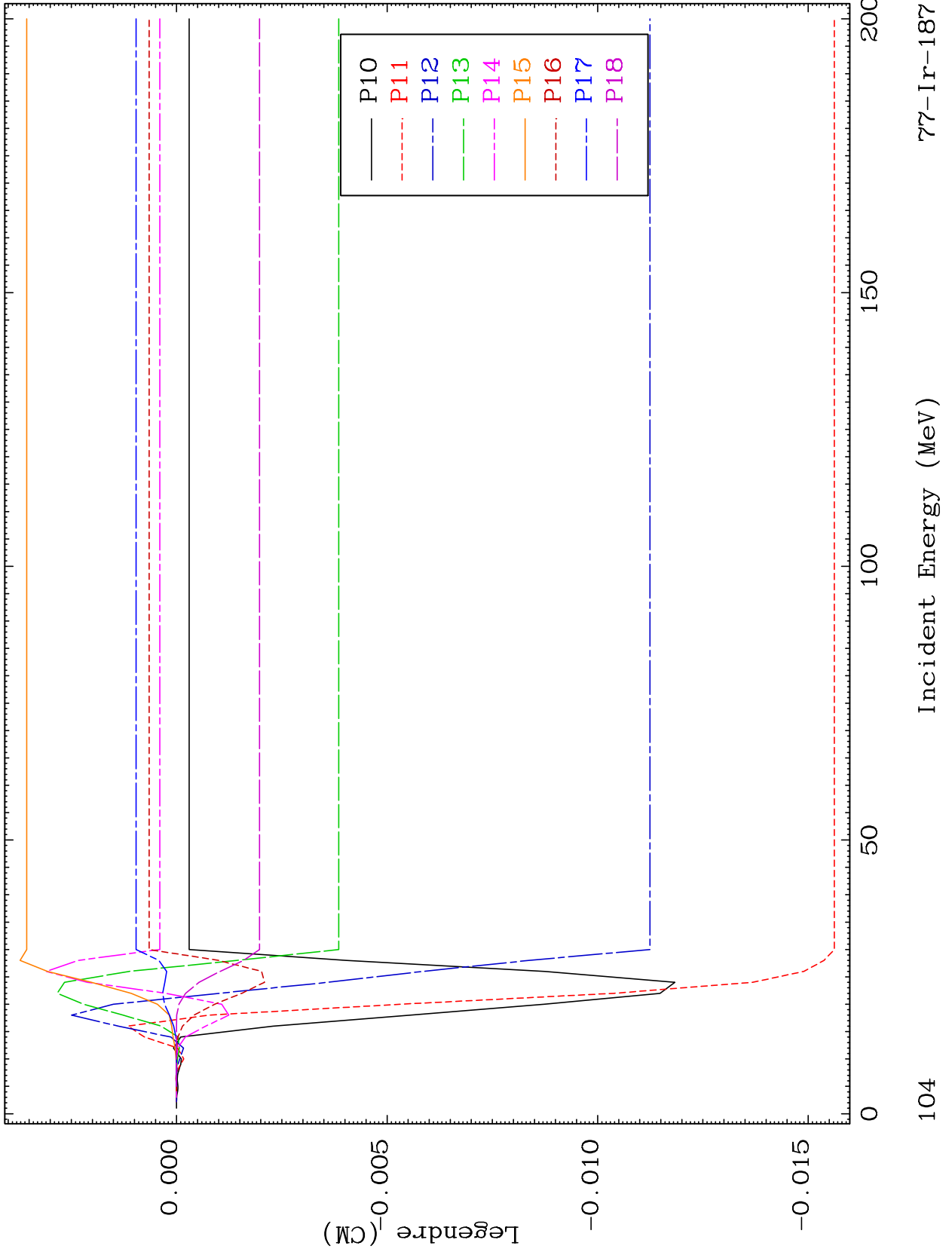
Incident Energy (MeV)

103

MAT 7713

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

77-Ir-187



104

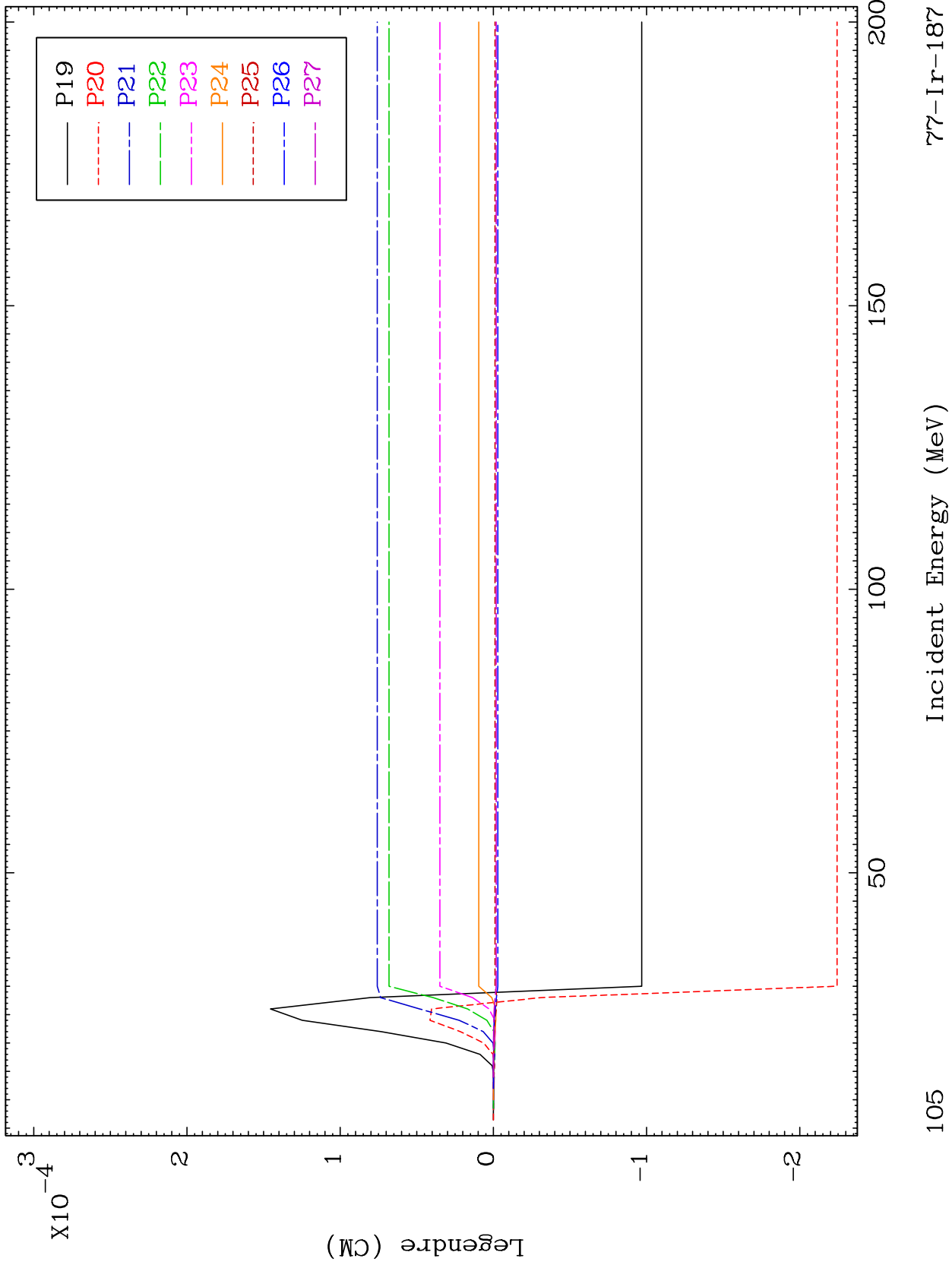
Incident Energy (MeV)

77-Ir-187

MAT 7713

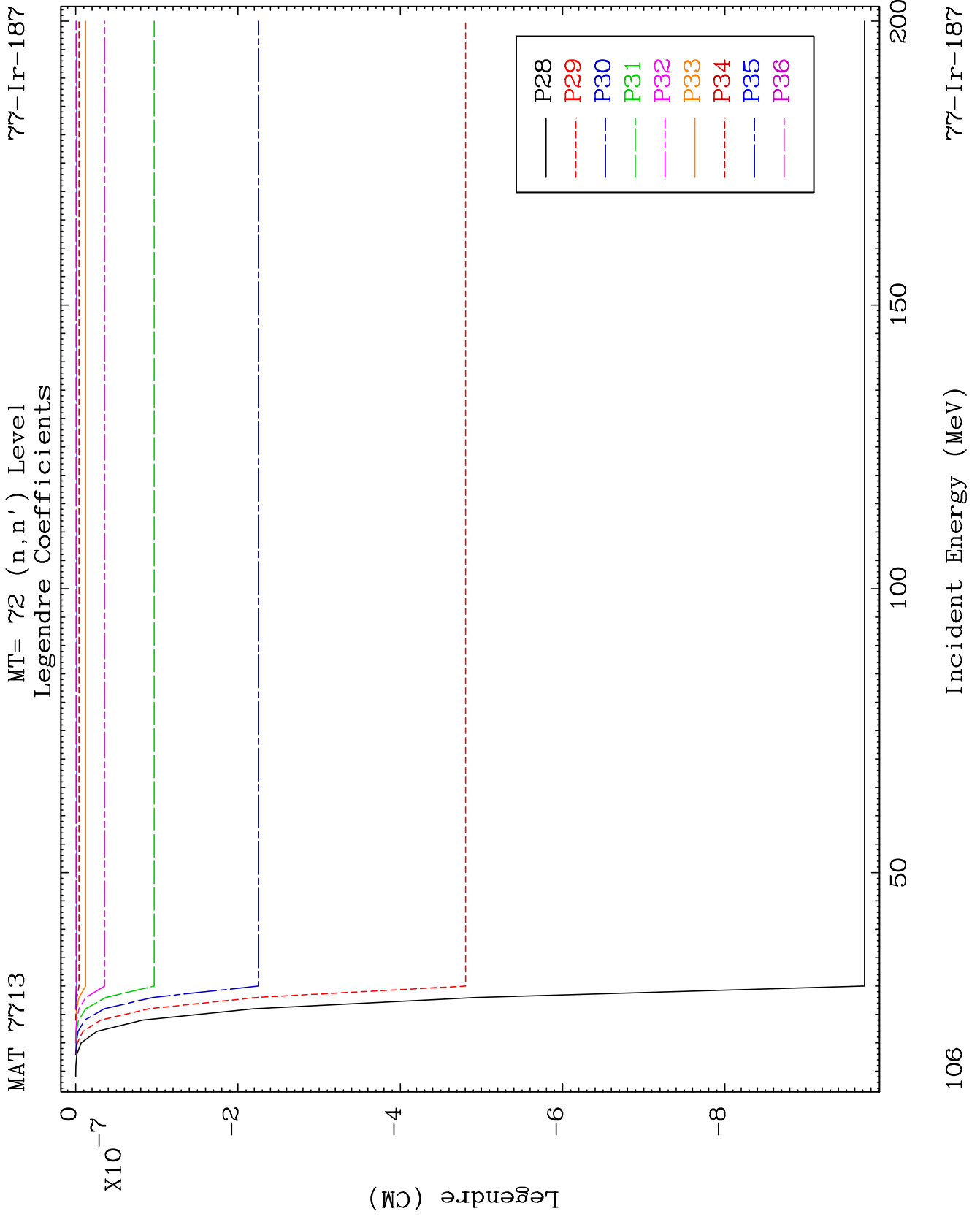
MT= 72 (n,n') Level  
Legendre Coefficients

77-Ir-187



105

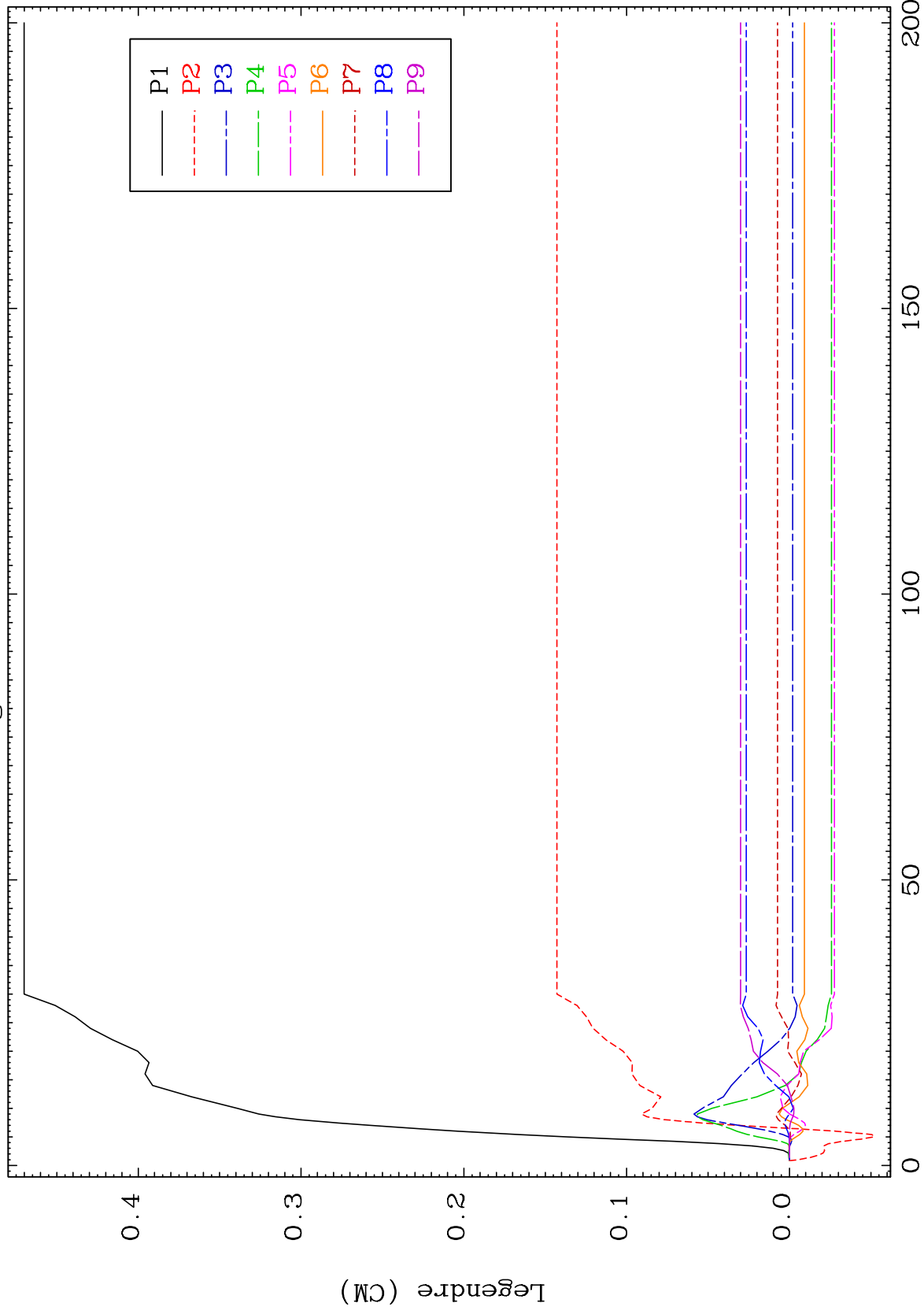
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

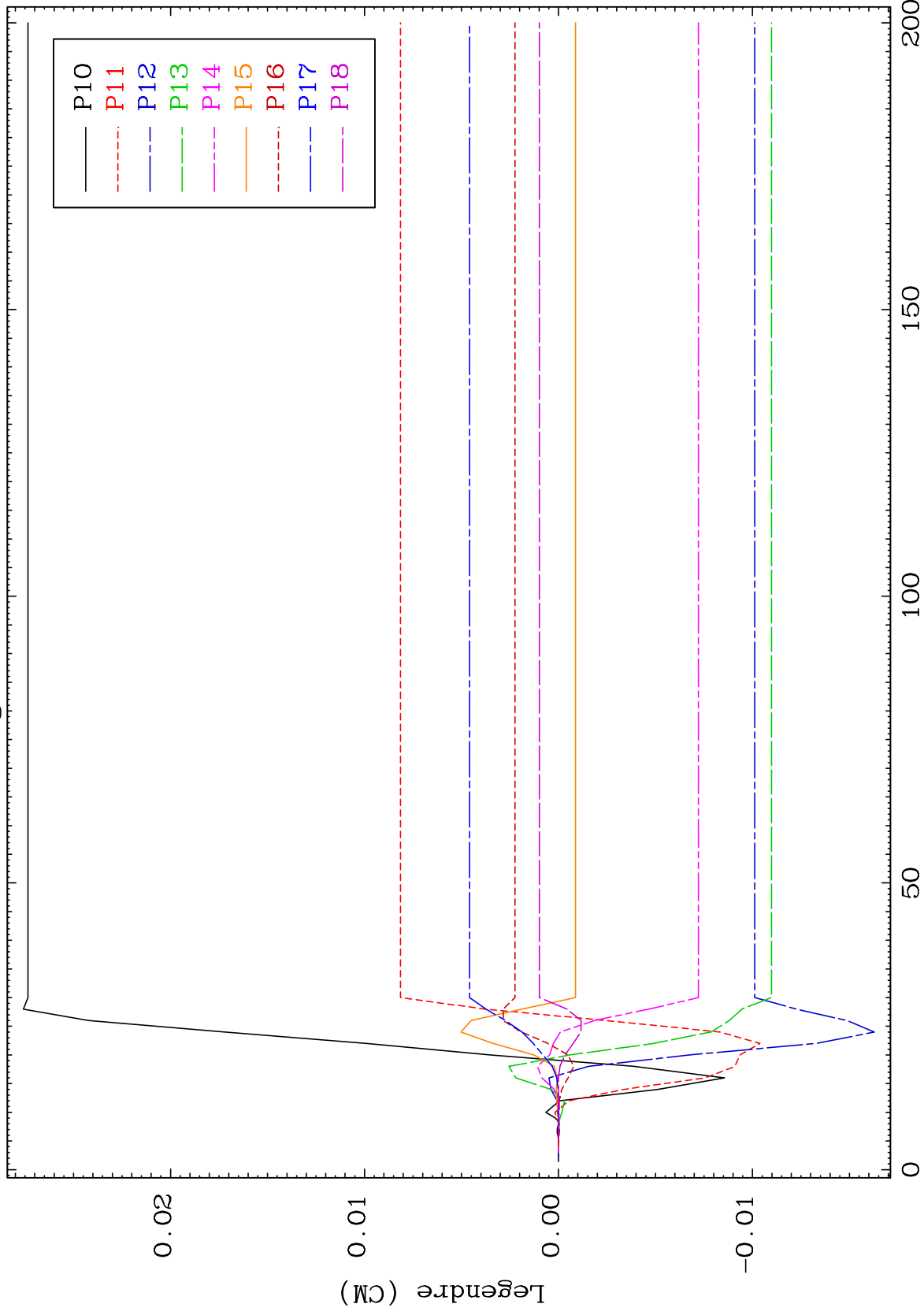
Incident Energy (MeV)

107

MAT 7713

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

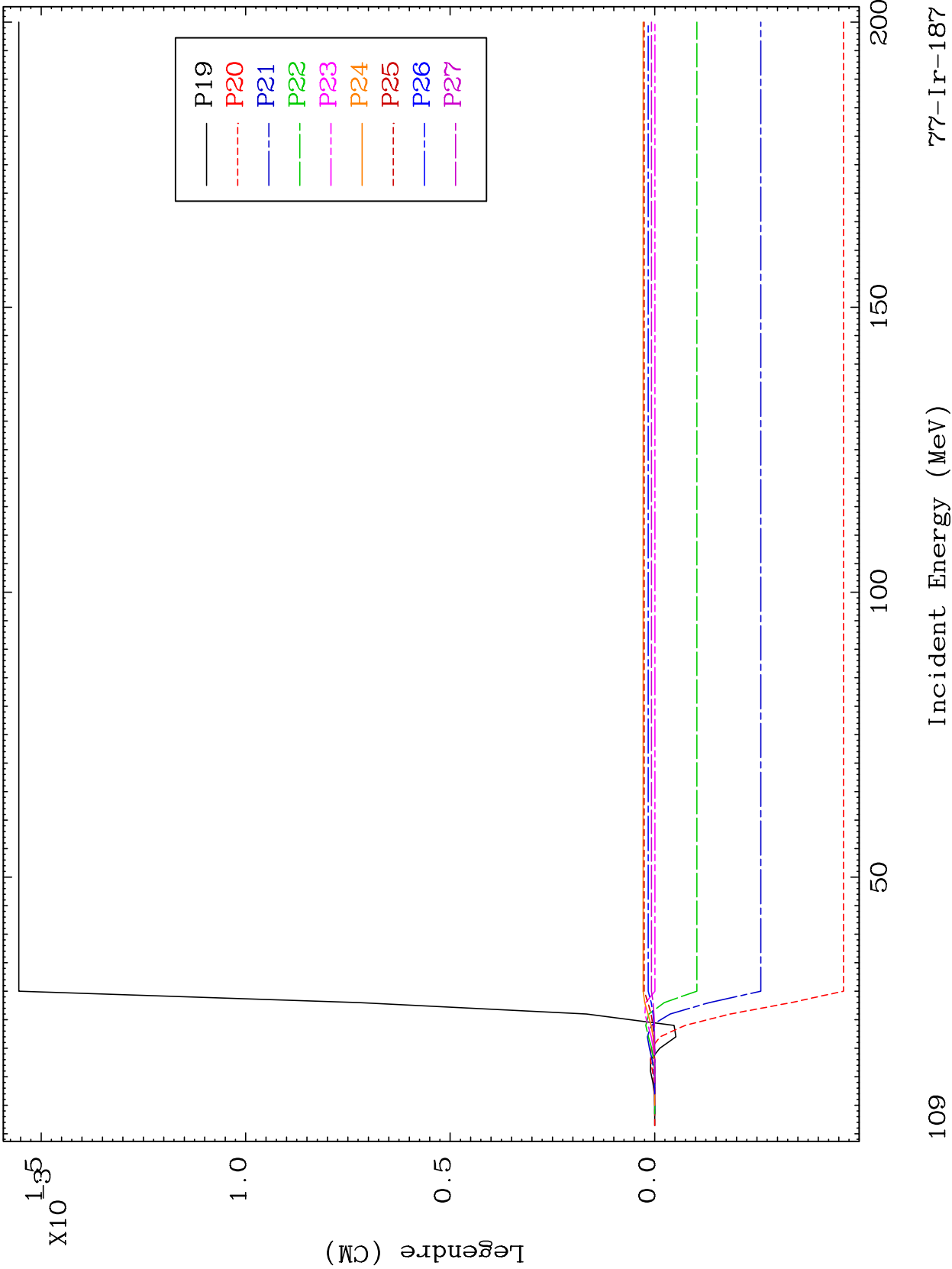
77-Ir-187



108

Incident Energy (MeV)

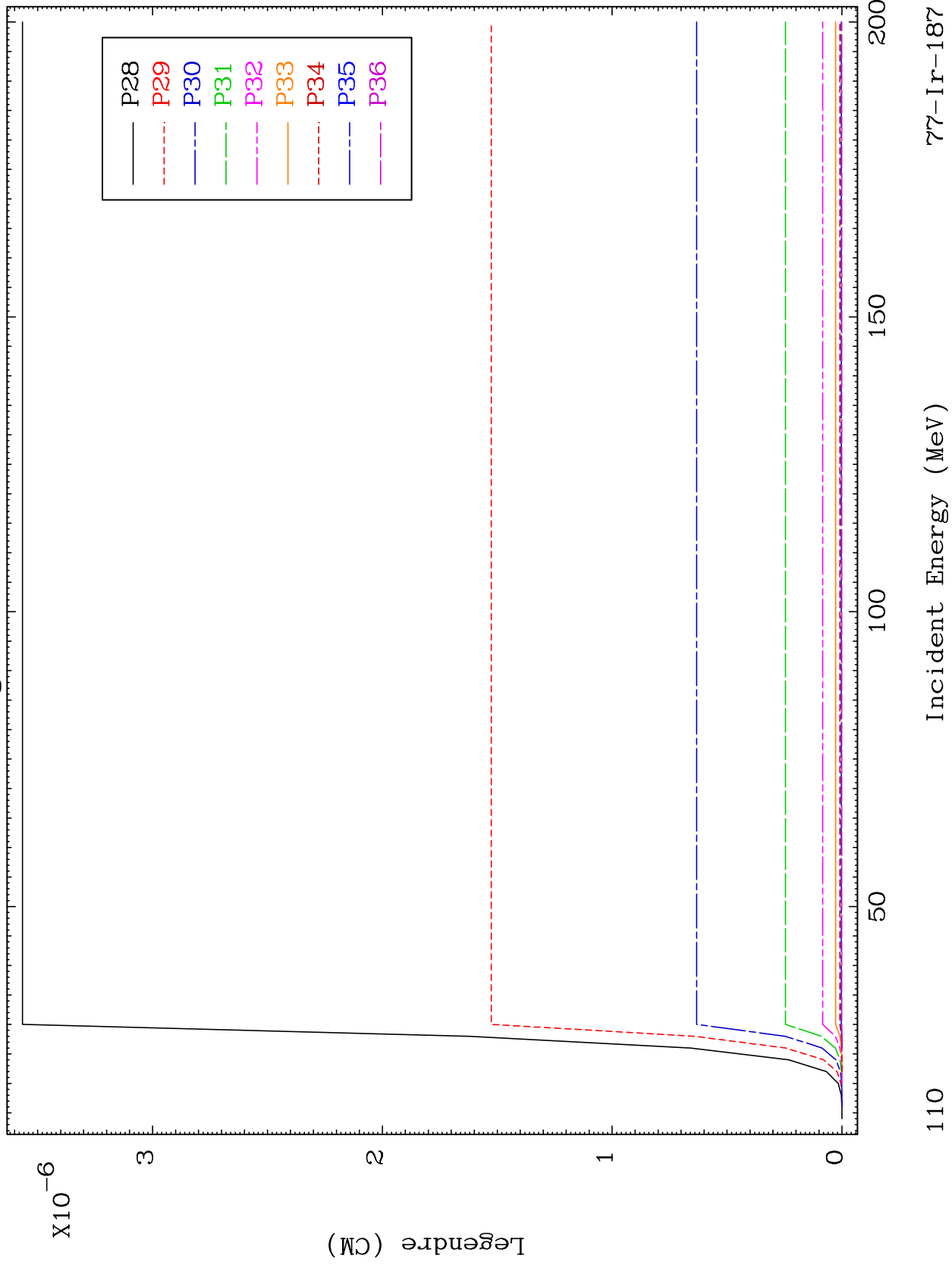
77-Ir-187



MAT 7713

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

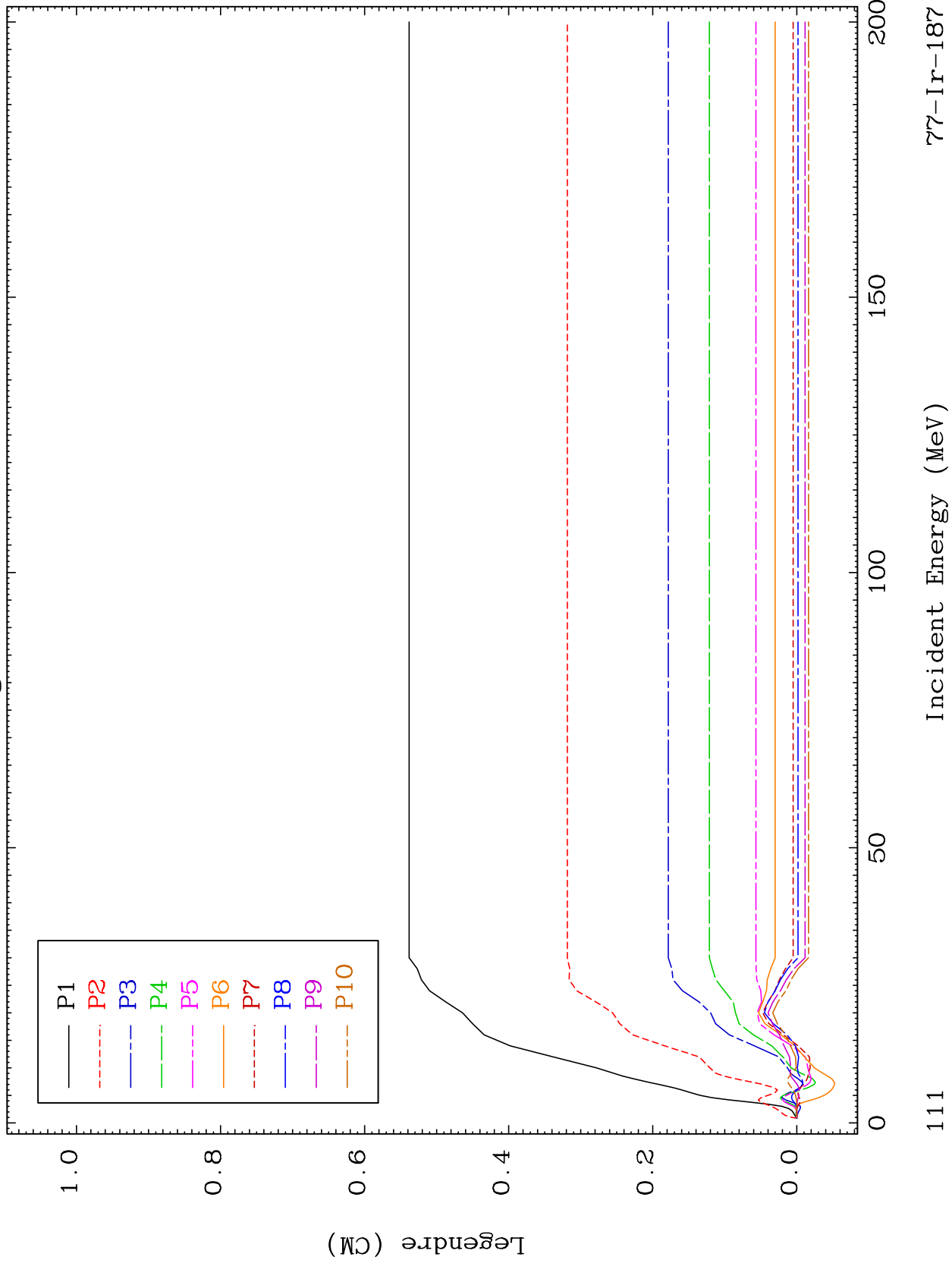
77-Ir-187



MAT 7713

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

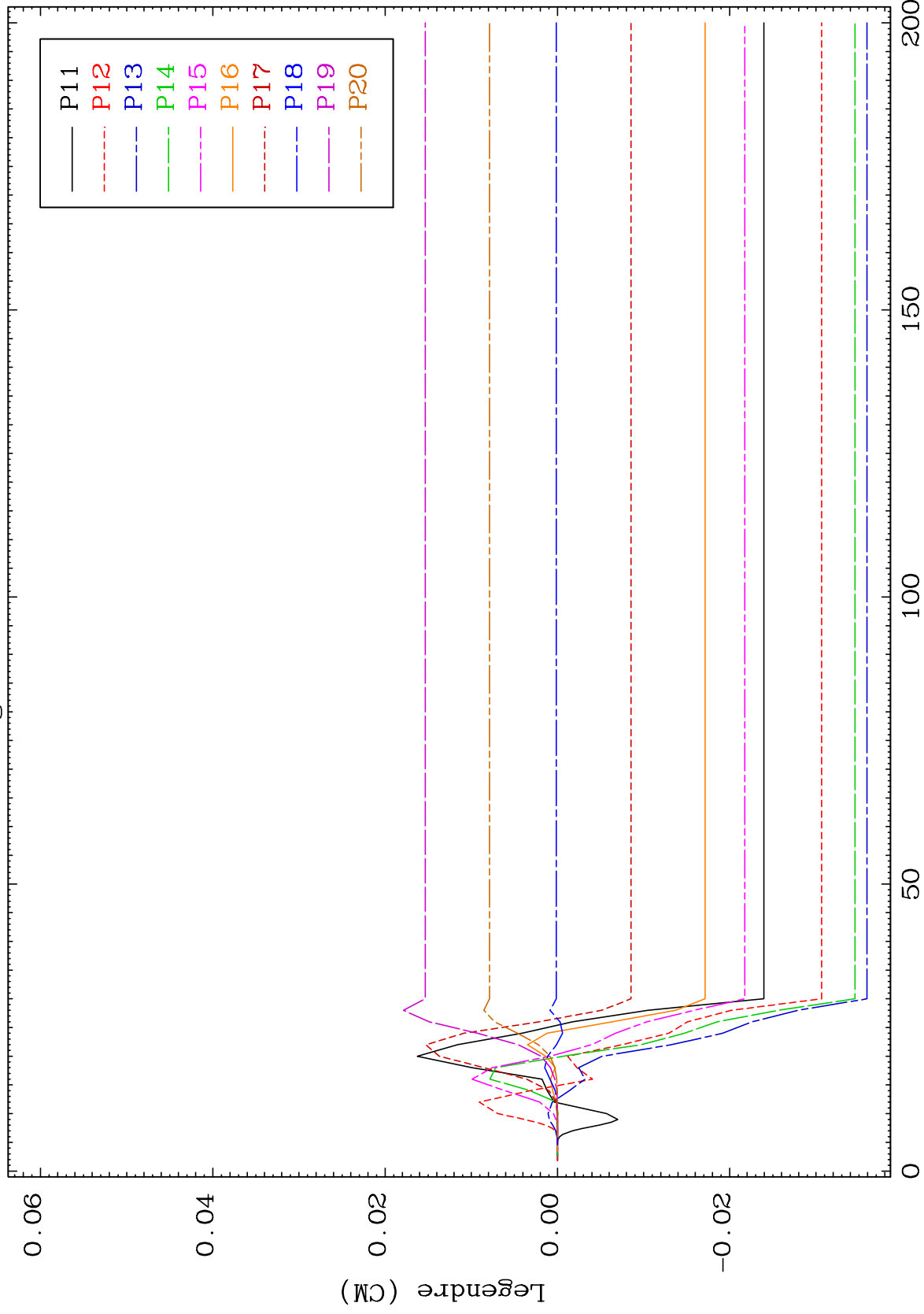
77-Ir-187



MAT 7713

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

77-Ir-187



112

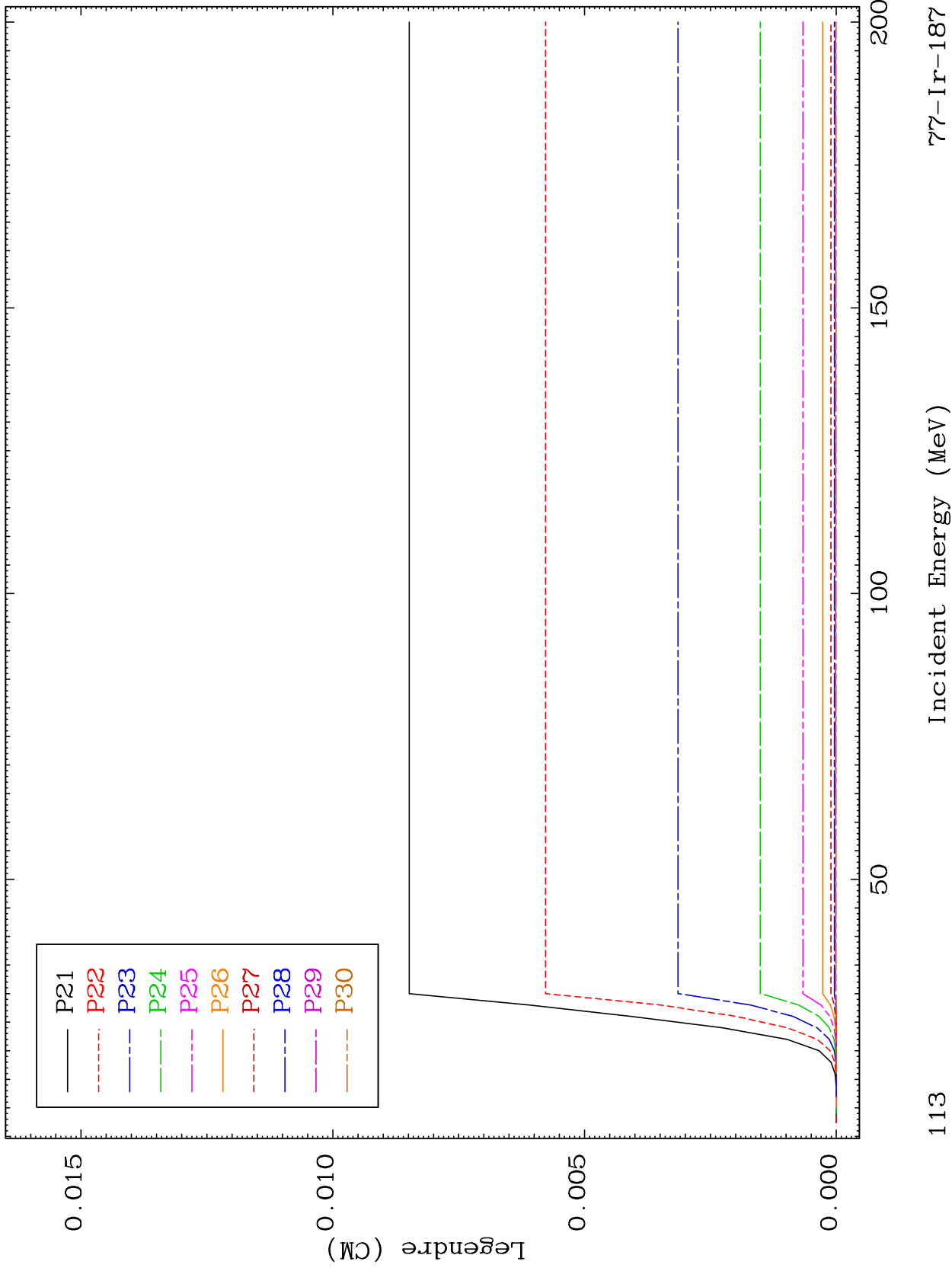
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



113

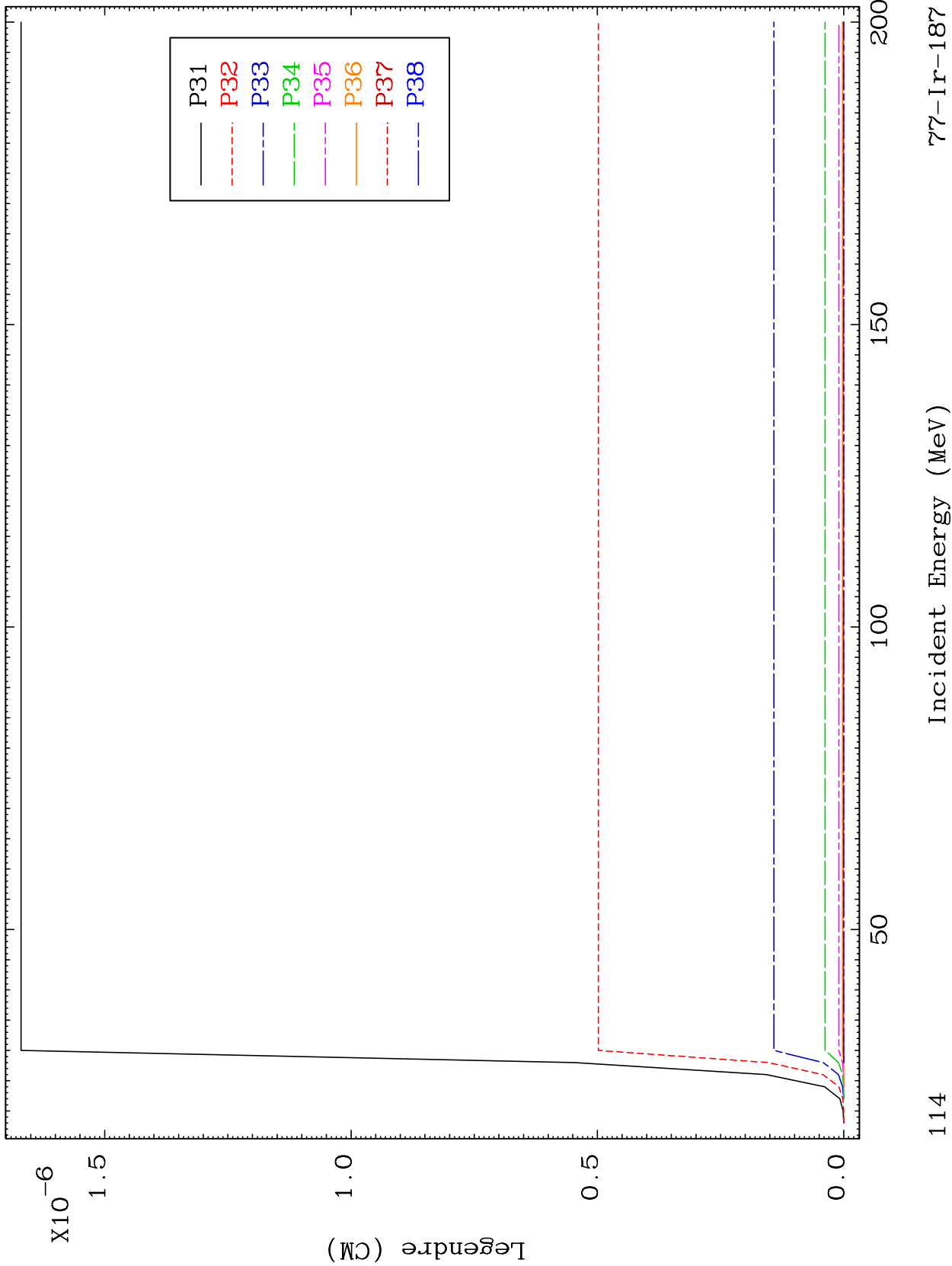
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187

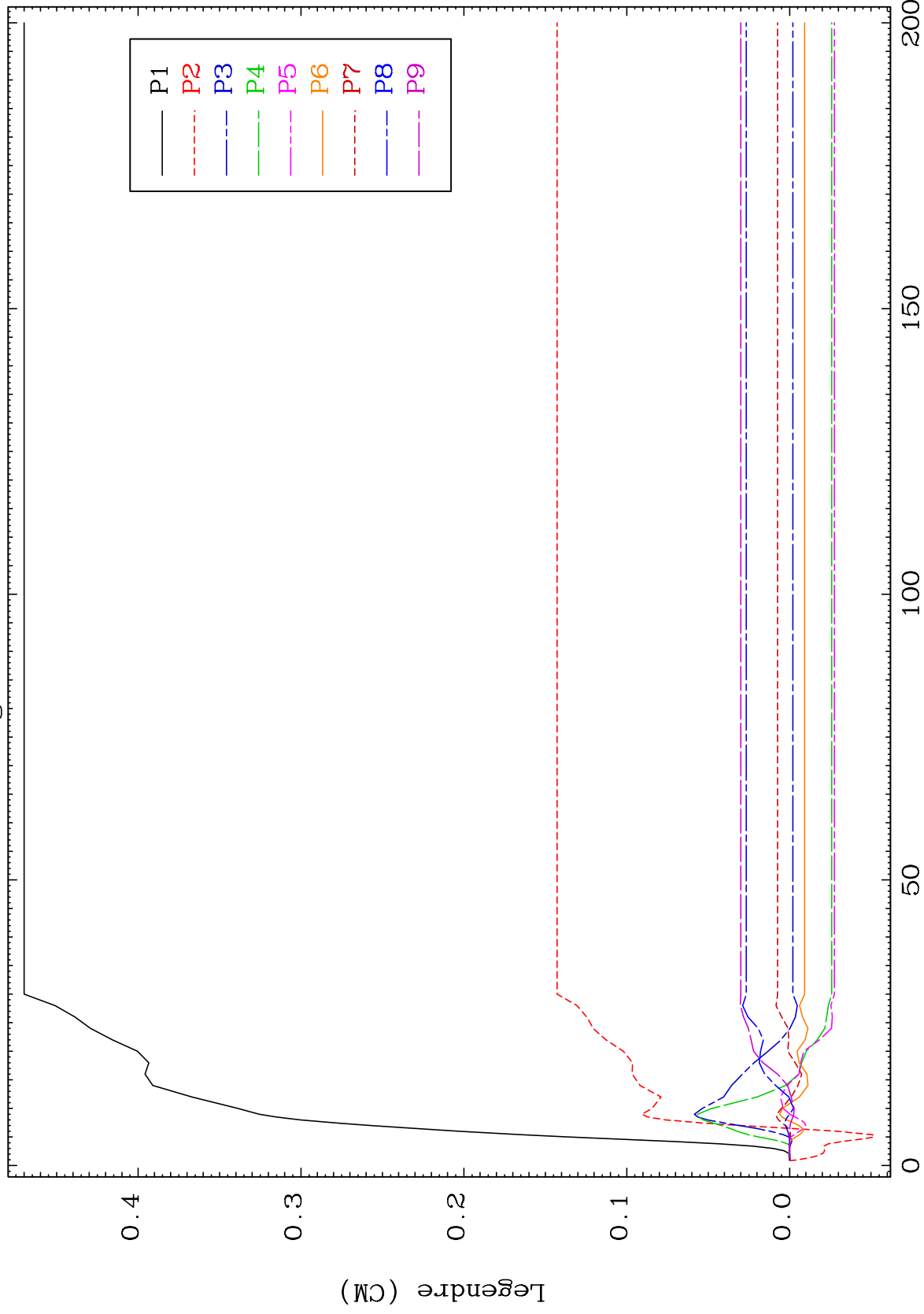


114

MAT 7713

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

77-Ir-187



77-Ir-187

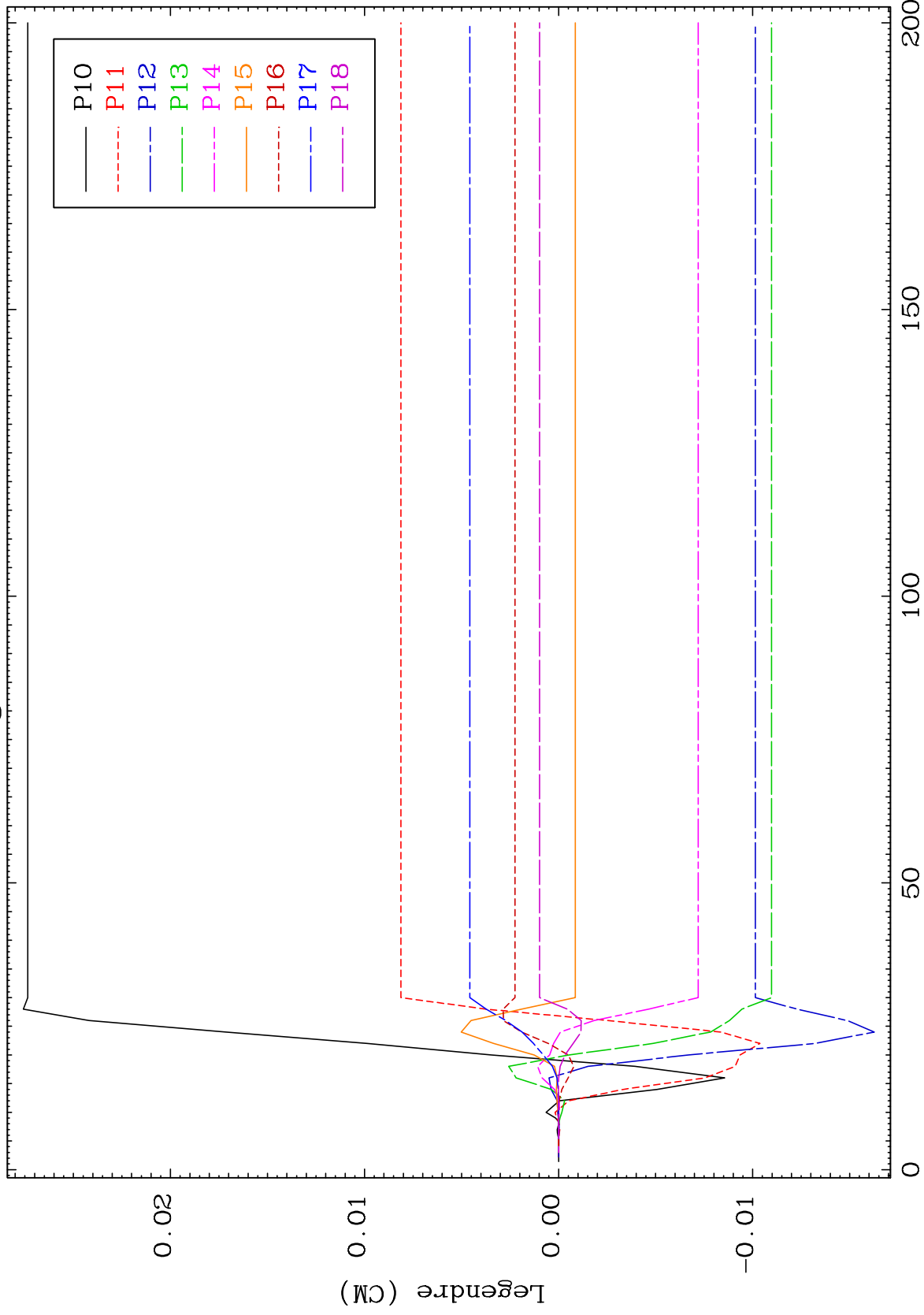
Incident Energy (MeV)

115

MAT 7713

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

77-Ir-187



116

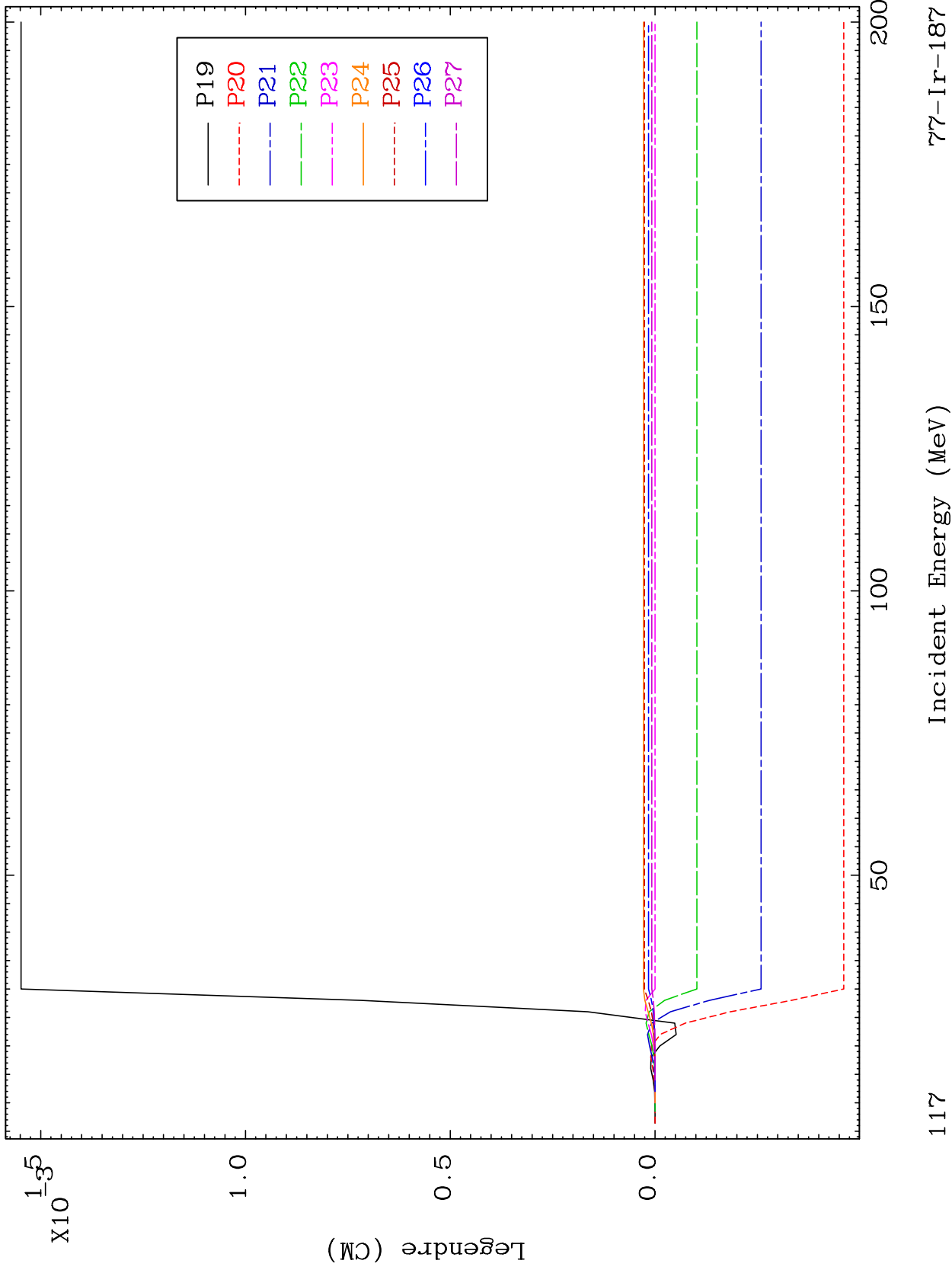
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



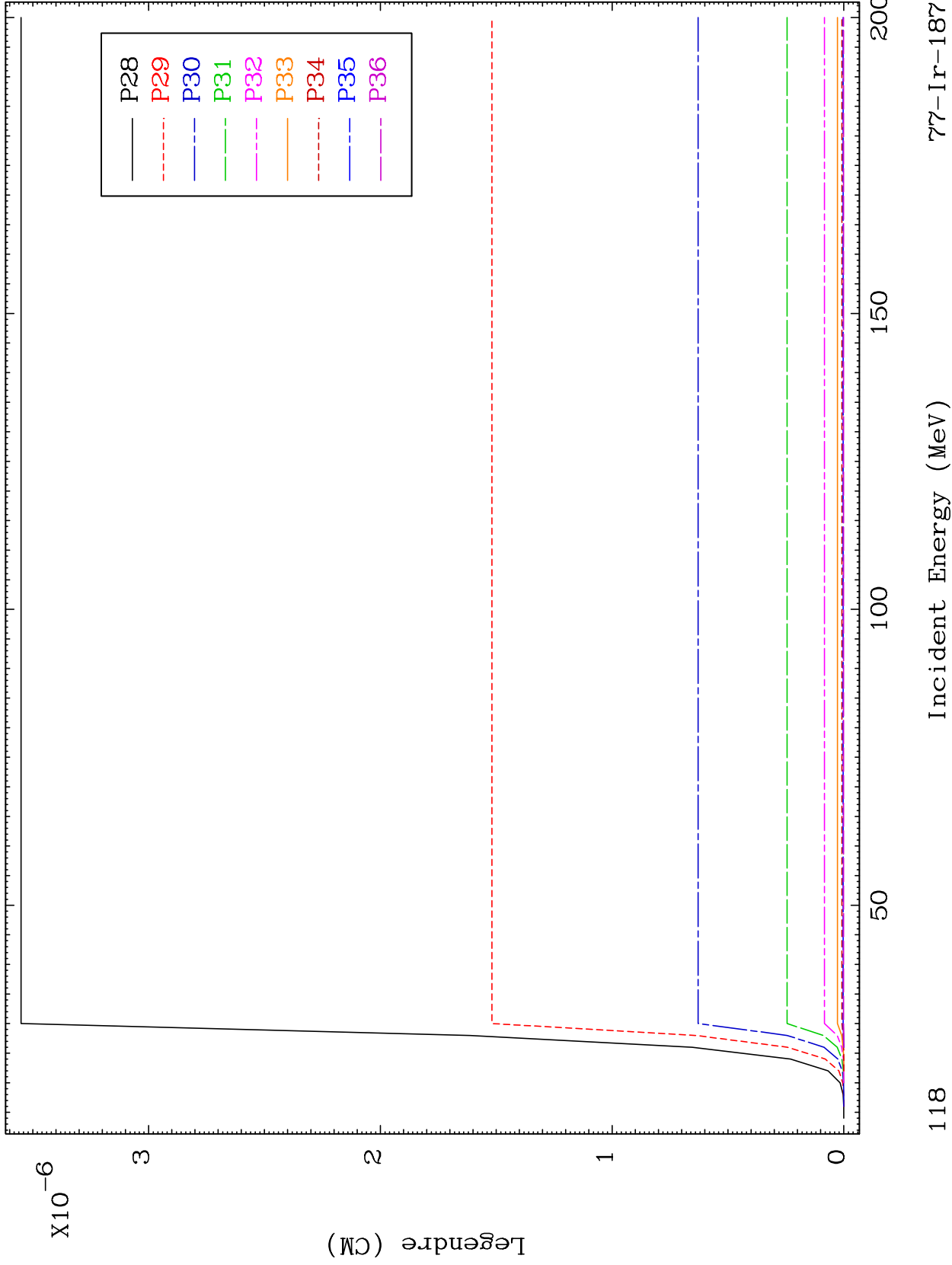
117

77-Ir-187

MAT 7713

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

77-Ir-187



118

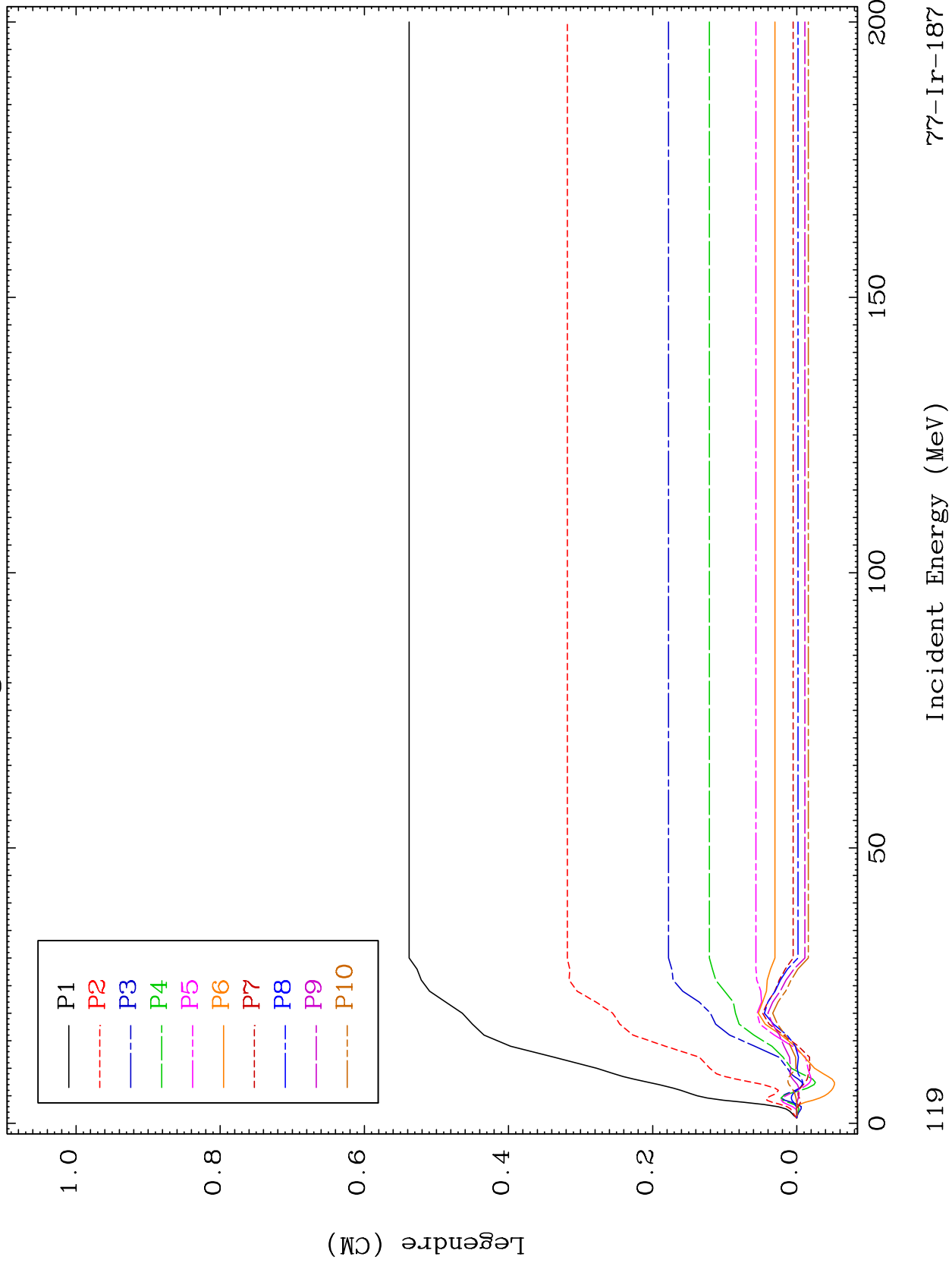
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



119

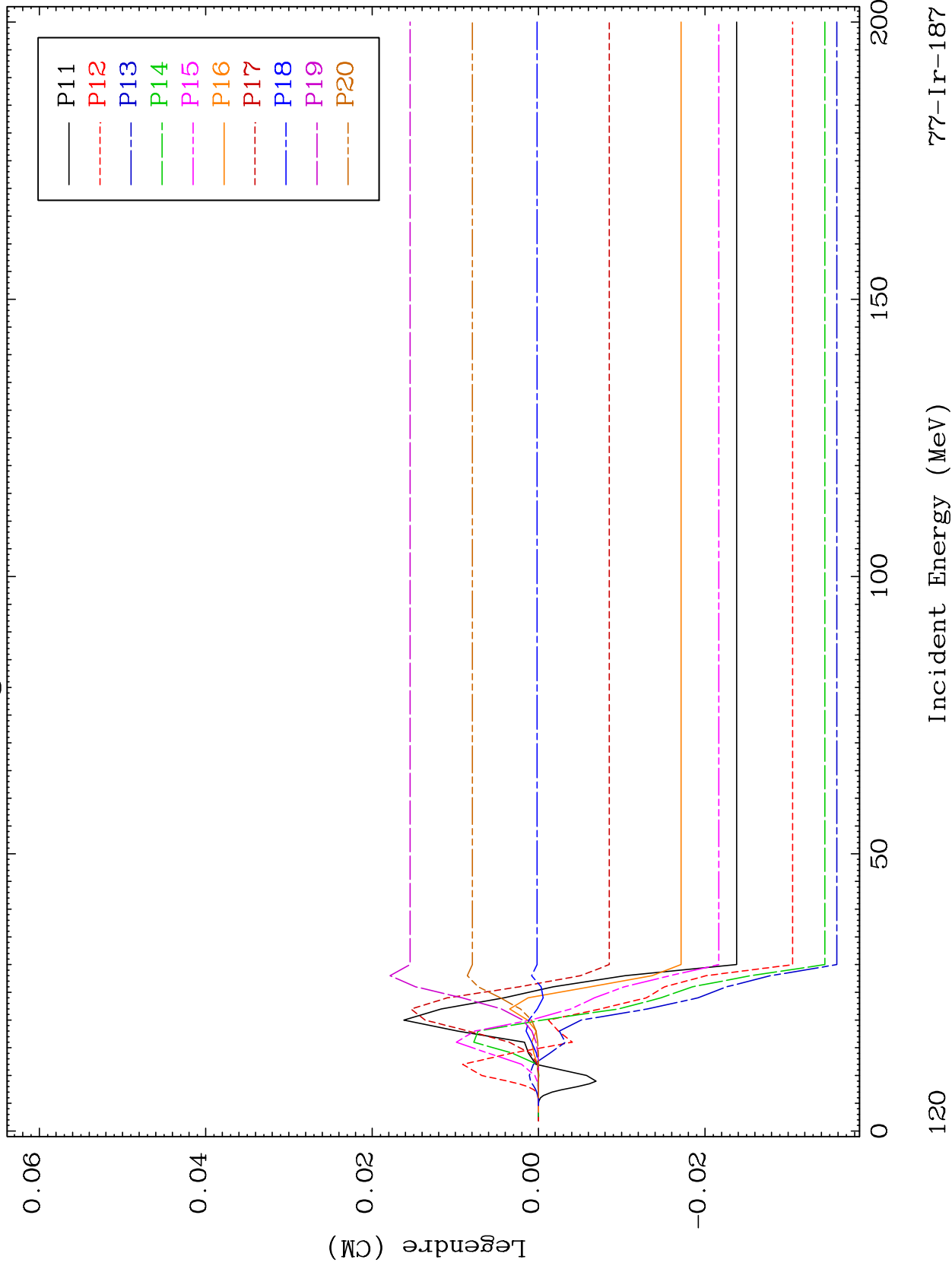
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

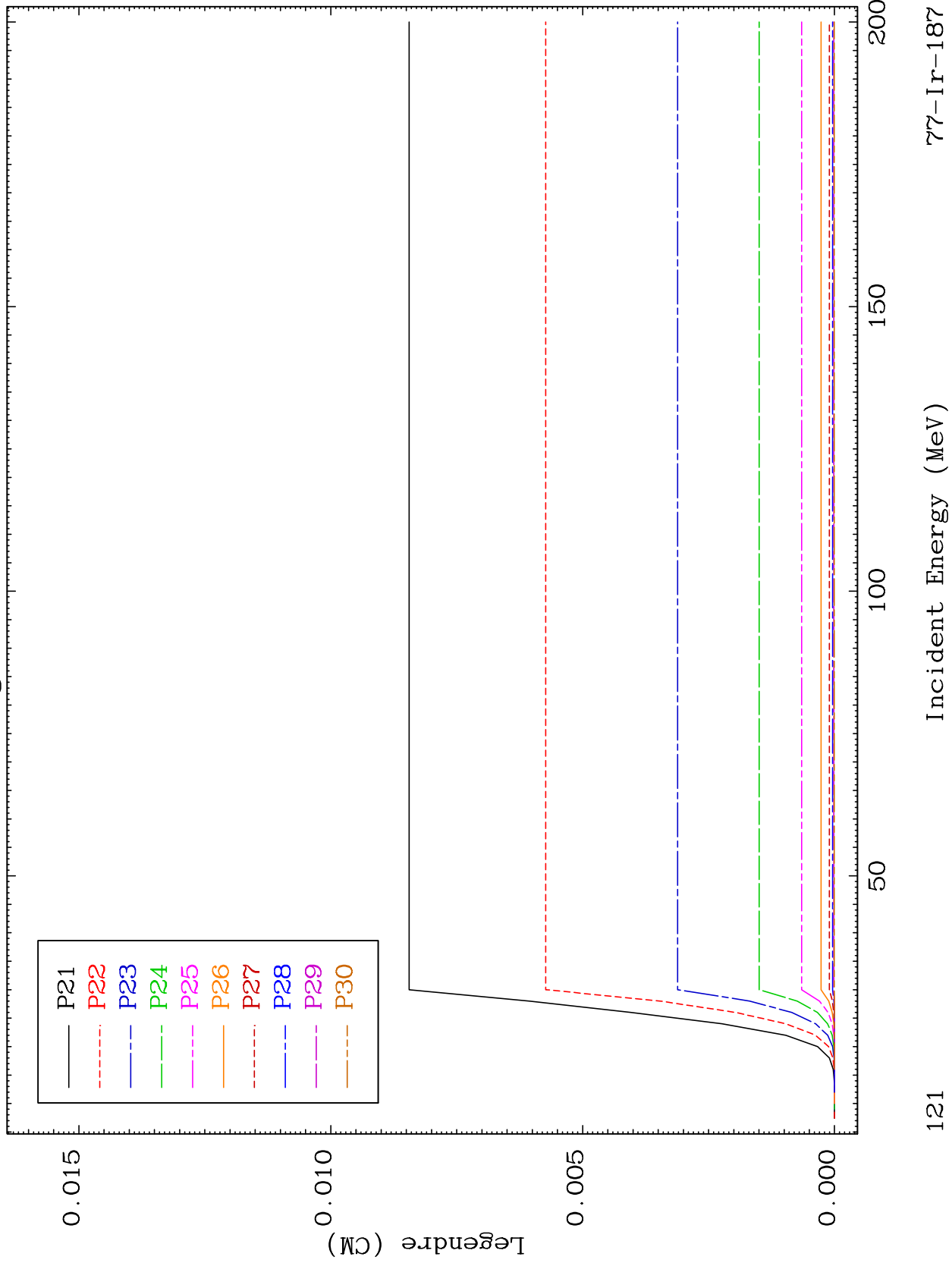
Incident Energy (MeV)

120

MAT 7713

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

77-Ir-187



121

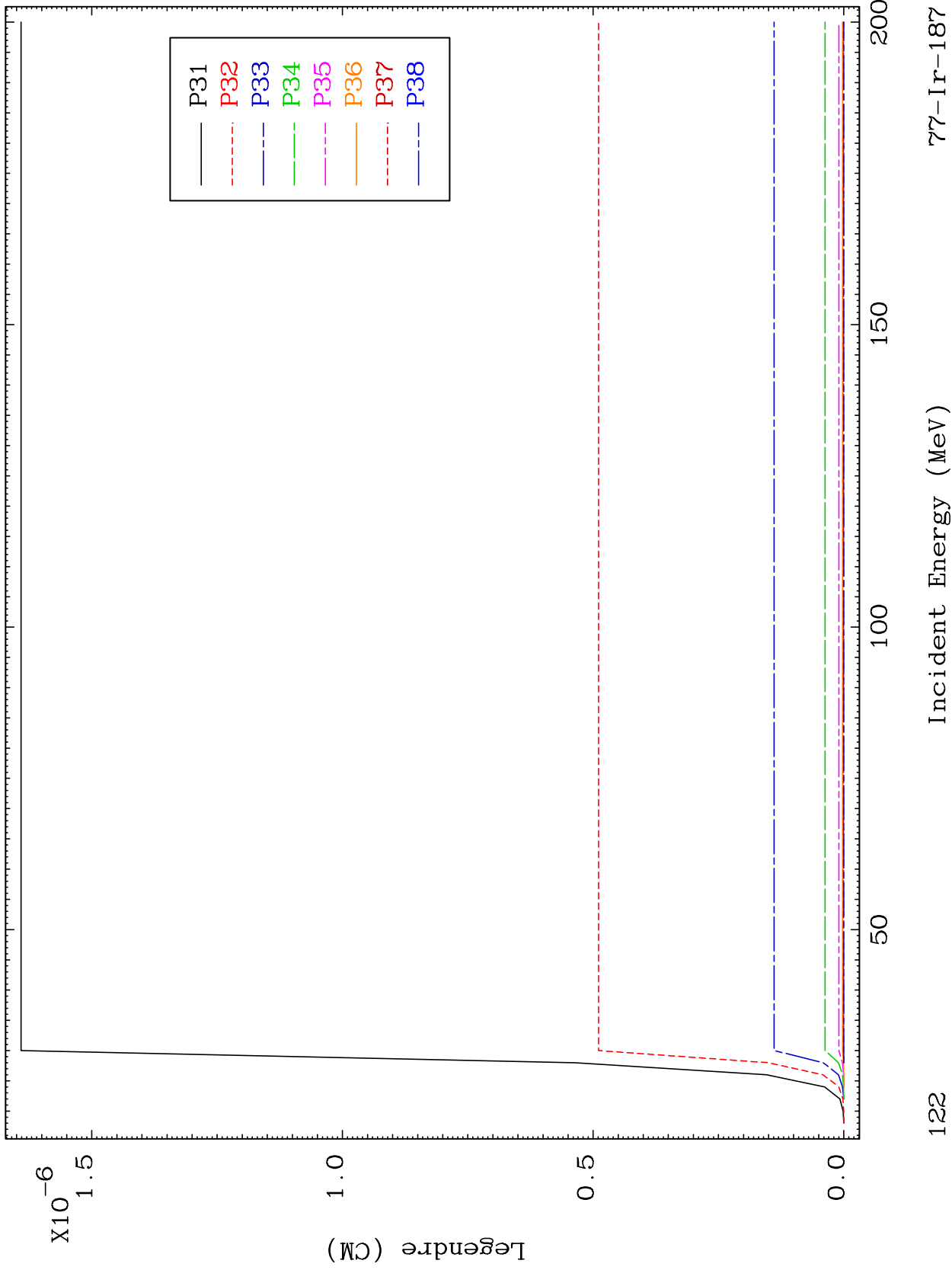
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187

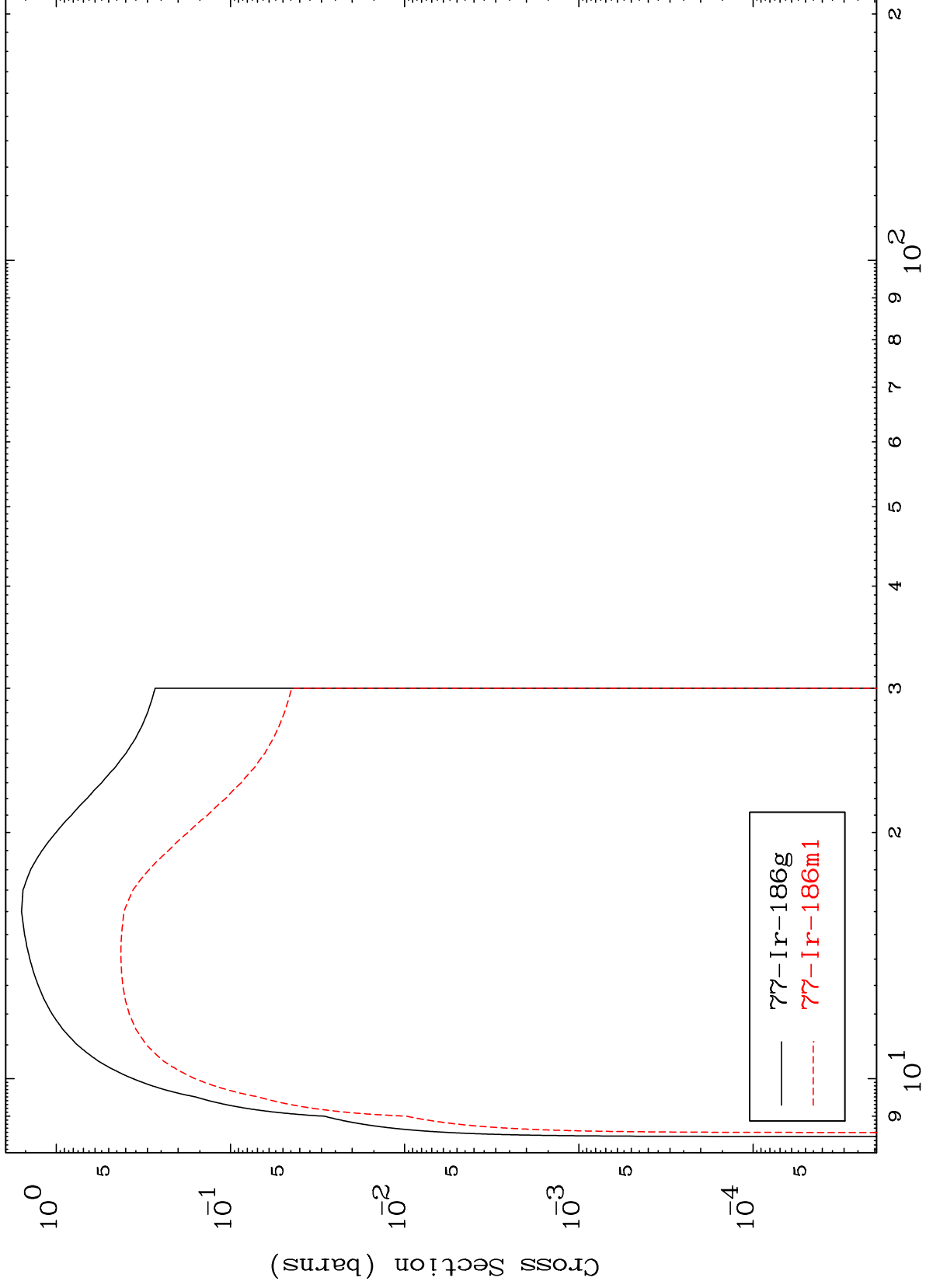


122

MAT 7713

77-Ir-187

(n,2n)  
Radionuclide Production Cross Section



77-Ir-186g  
77-Ir-186m1

77-Ir-187

Incident Energy (MeV)

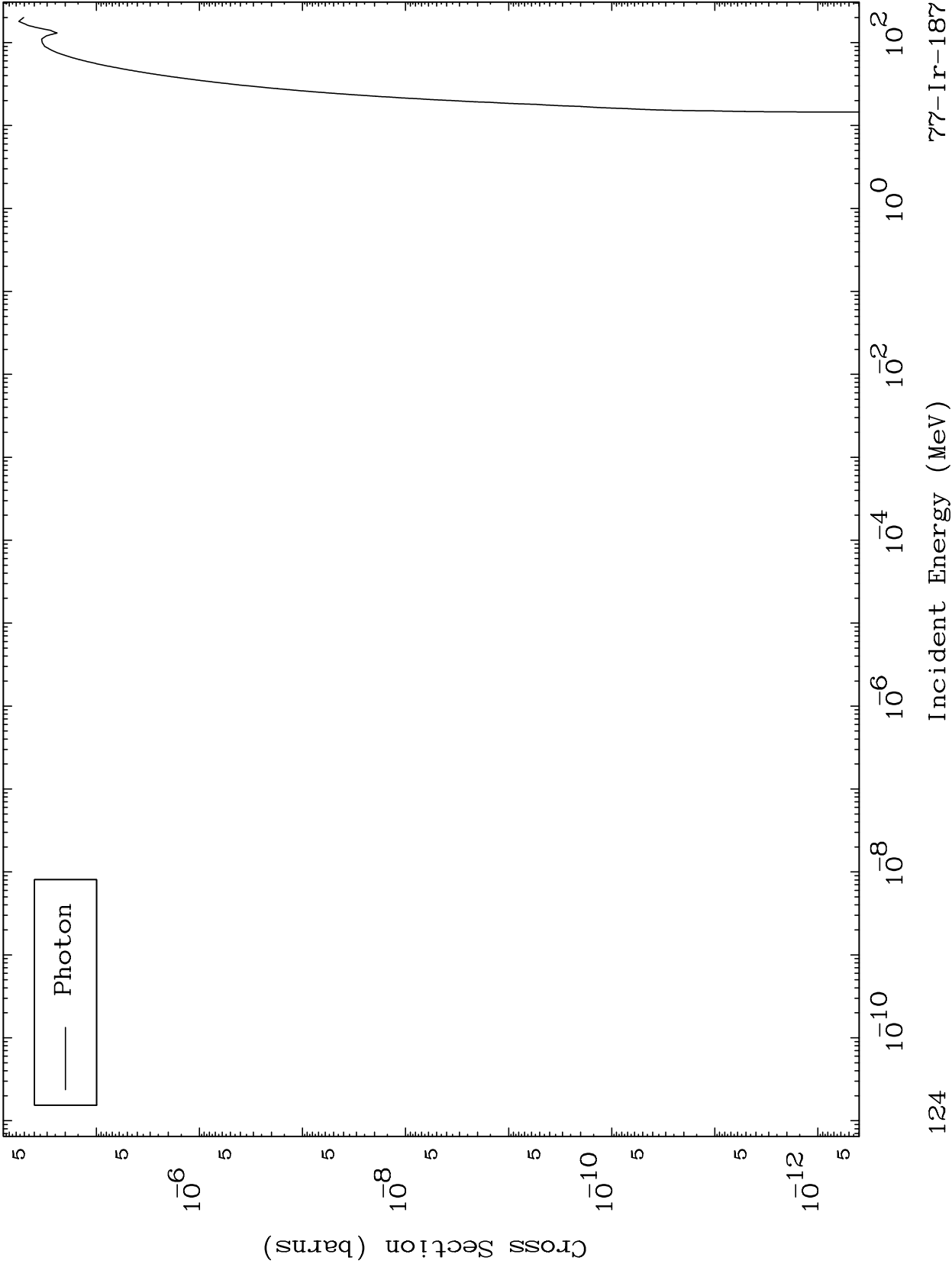
123

MAT 7713

Fission

<sup>77</sup>Ir-187

Radionuclide Production Cross Section

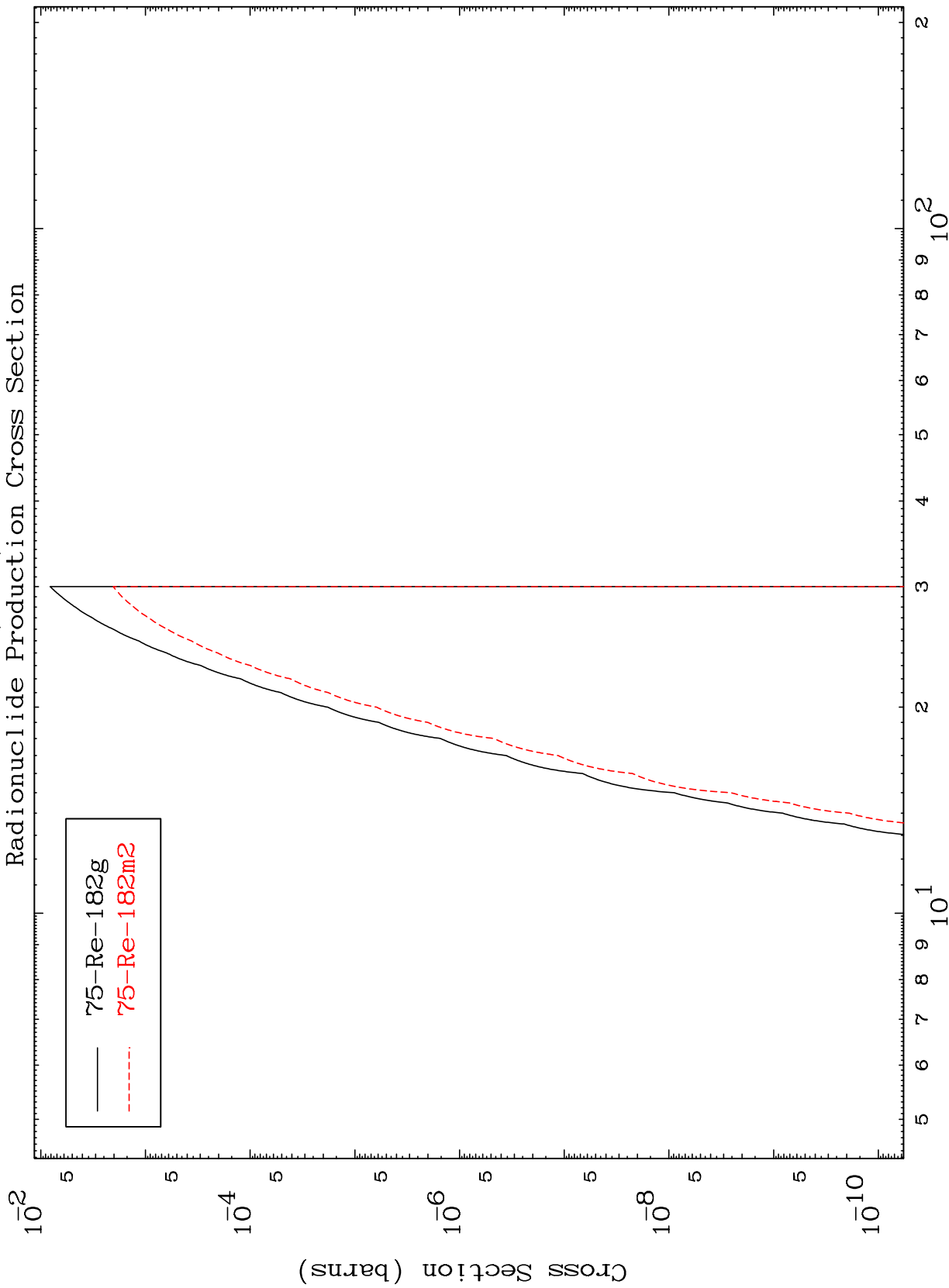


MAT 7713

$(n,2n) \alpha$

$^{77}\text{Ir-187}$

Radionuclide Production Cross Section



125

Incident Energy (MeV)

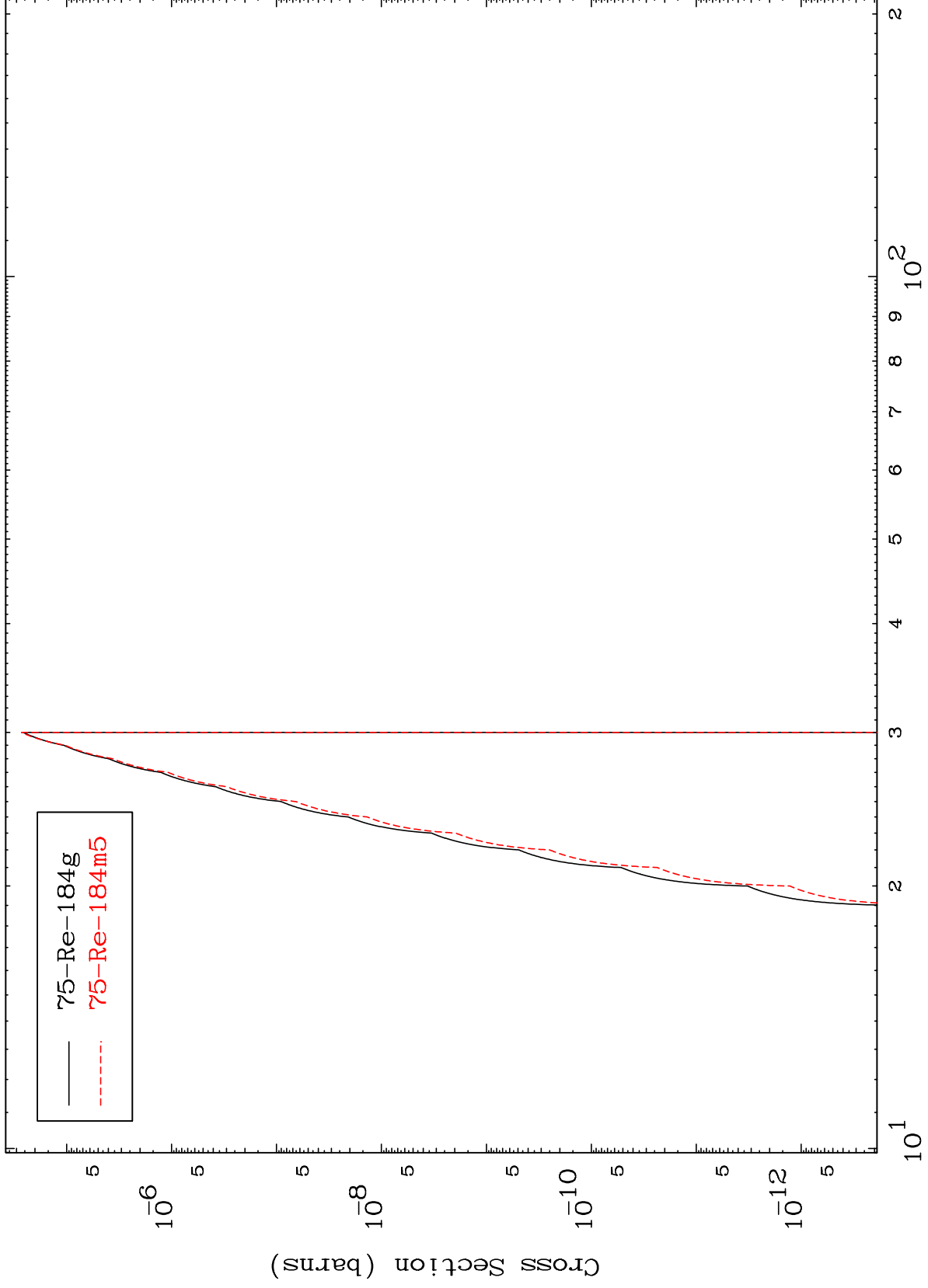
$^{77}\text{Ir-187}$

MAT 7713

(n,n') He-3

77-Ir-187

Radionuclide Production Cross Section



75-Re-184g  
75-Re-184m5

126

Incident Energy (MeV)

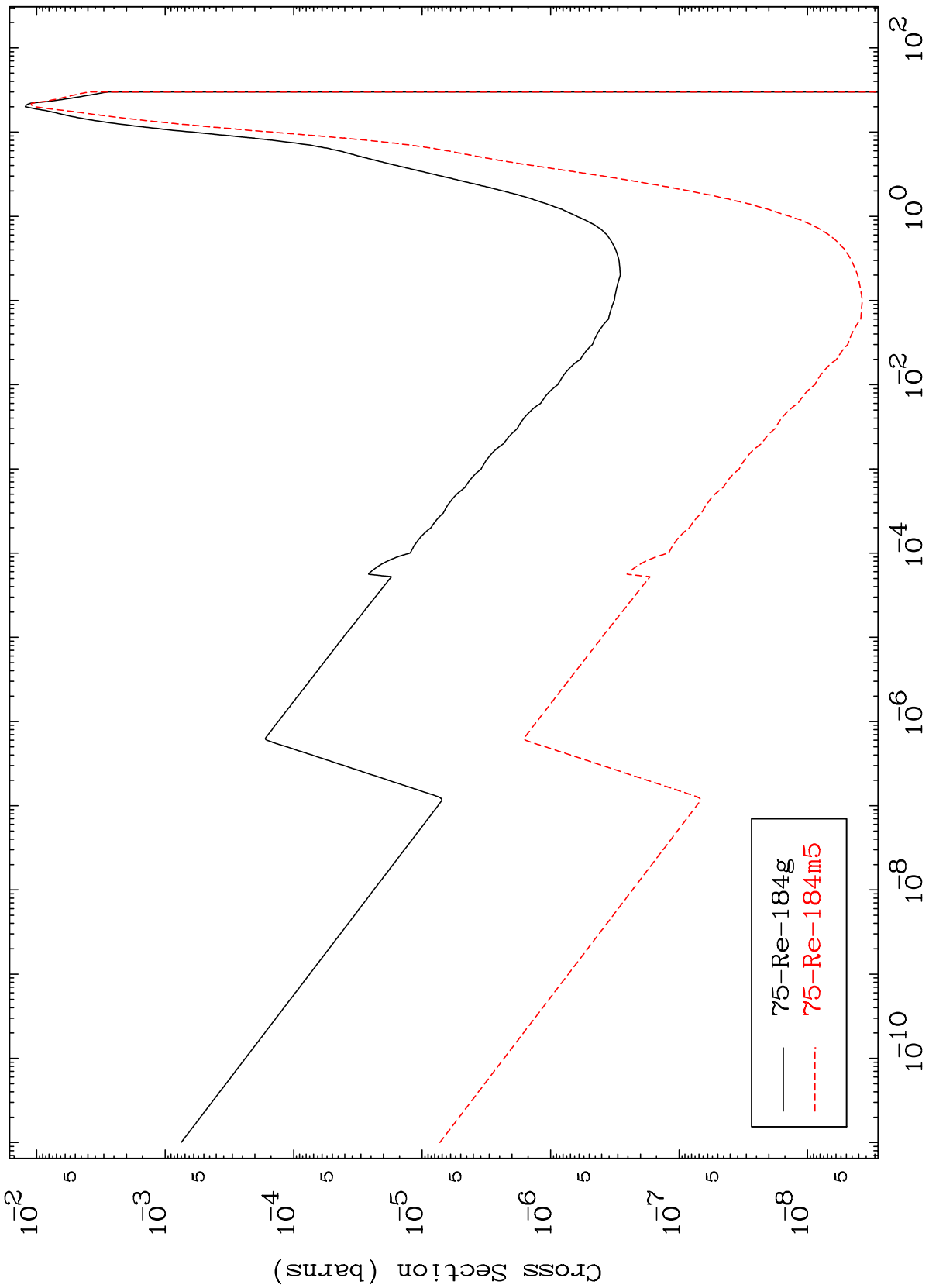
77-Ir-187

MAT 7713

(n,  $\alpha$ )

77-Ir-187

Radionuclide Production Cross Section



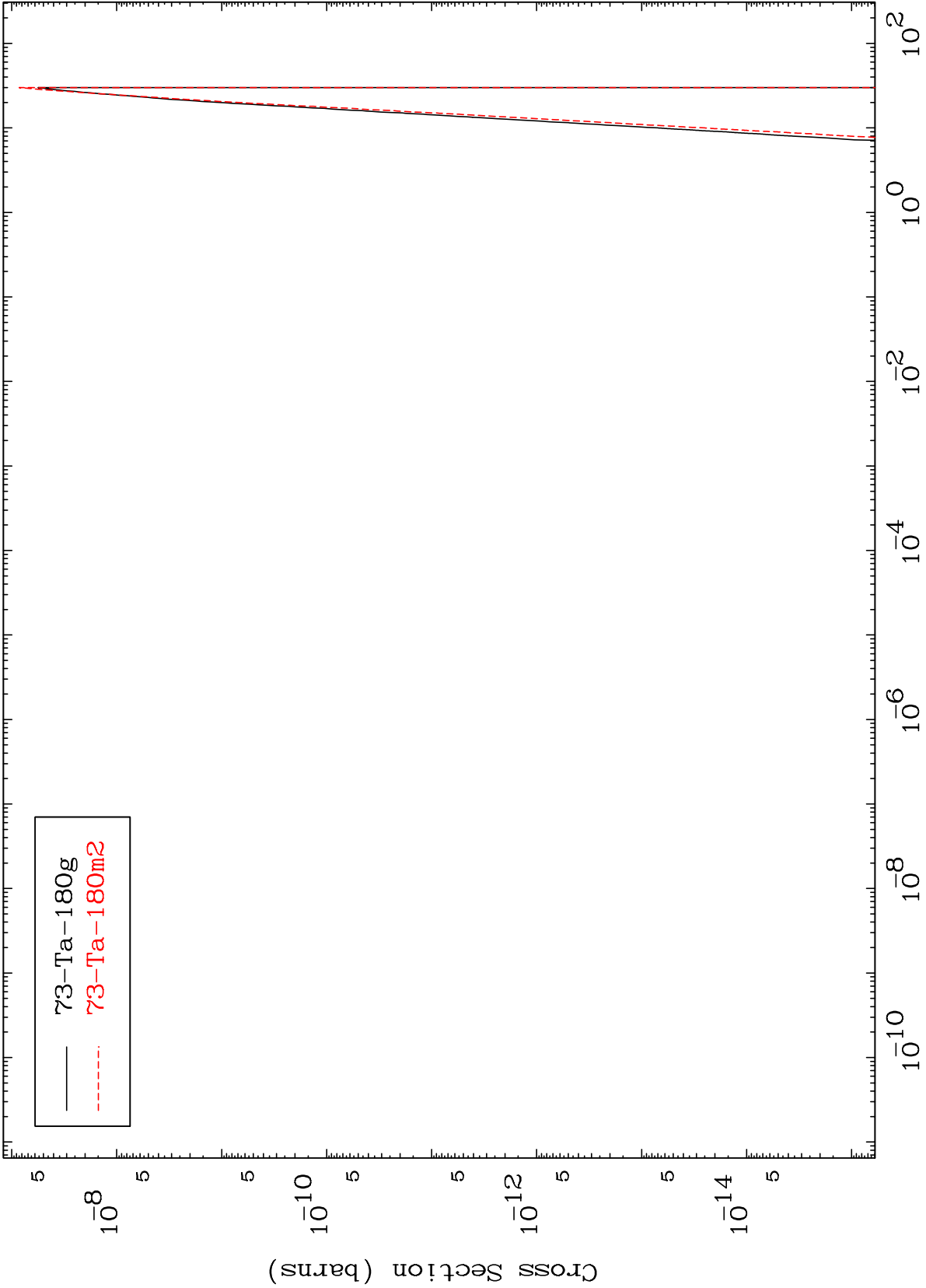
75-Re-184g  
75-Re-184m5

MAT 7713

(n,2α)

77-Ir-187

Radionuclide Production Cross Section

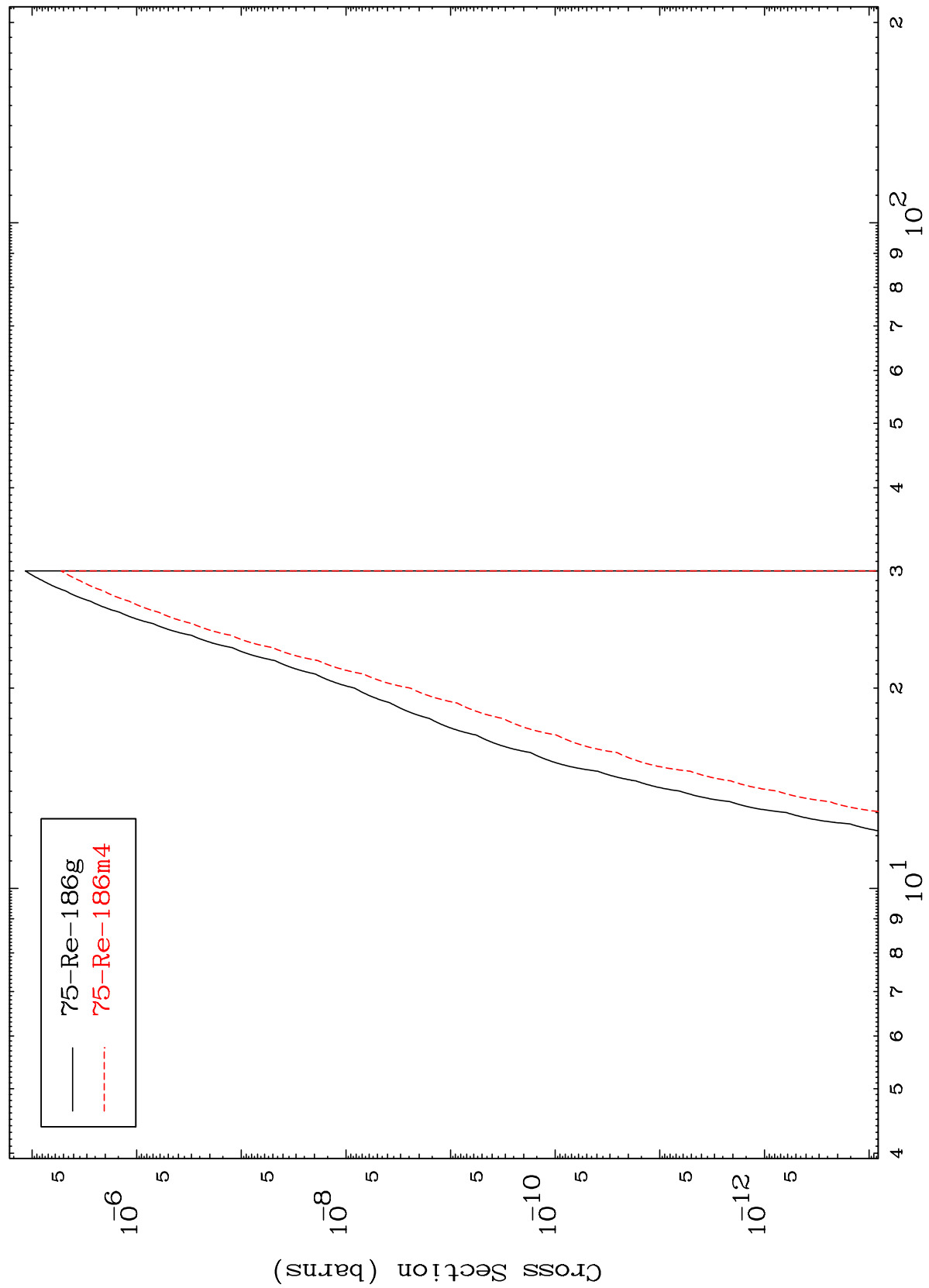


73-Ta-180g  
73-Ta-180m2

MAT 7713

<sup>77</sup>Ir-187

(n,2p)  
Radionuclide Production Cross Section



— 75-Re-186g  
- - - 75-Re-186m4

129

Incident Energy (MeV)

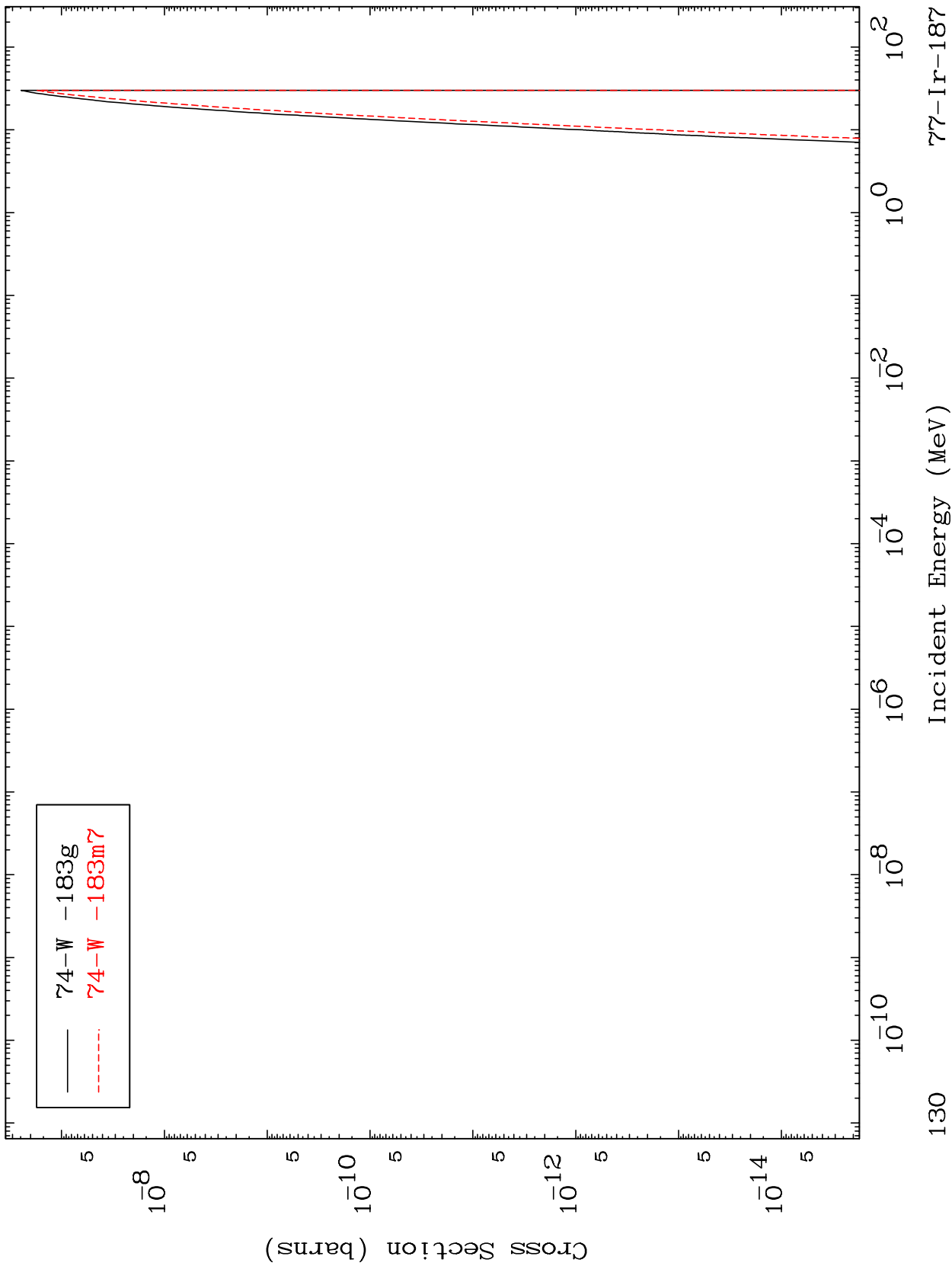
<sup>77</sup>Ir-187

MAT 7713

(n,p)  $\alpha$

<sup>77</sup>Ir-187

Radionuclide Production Cross Section

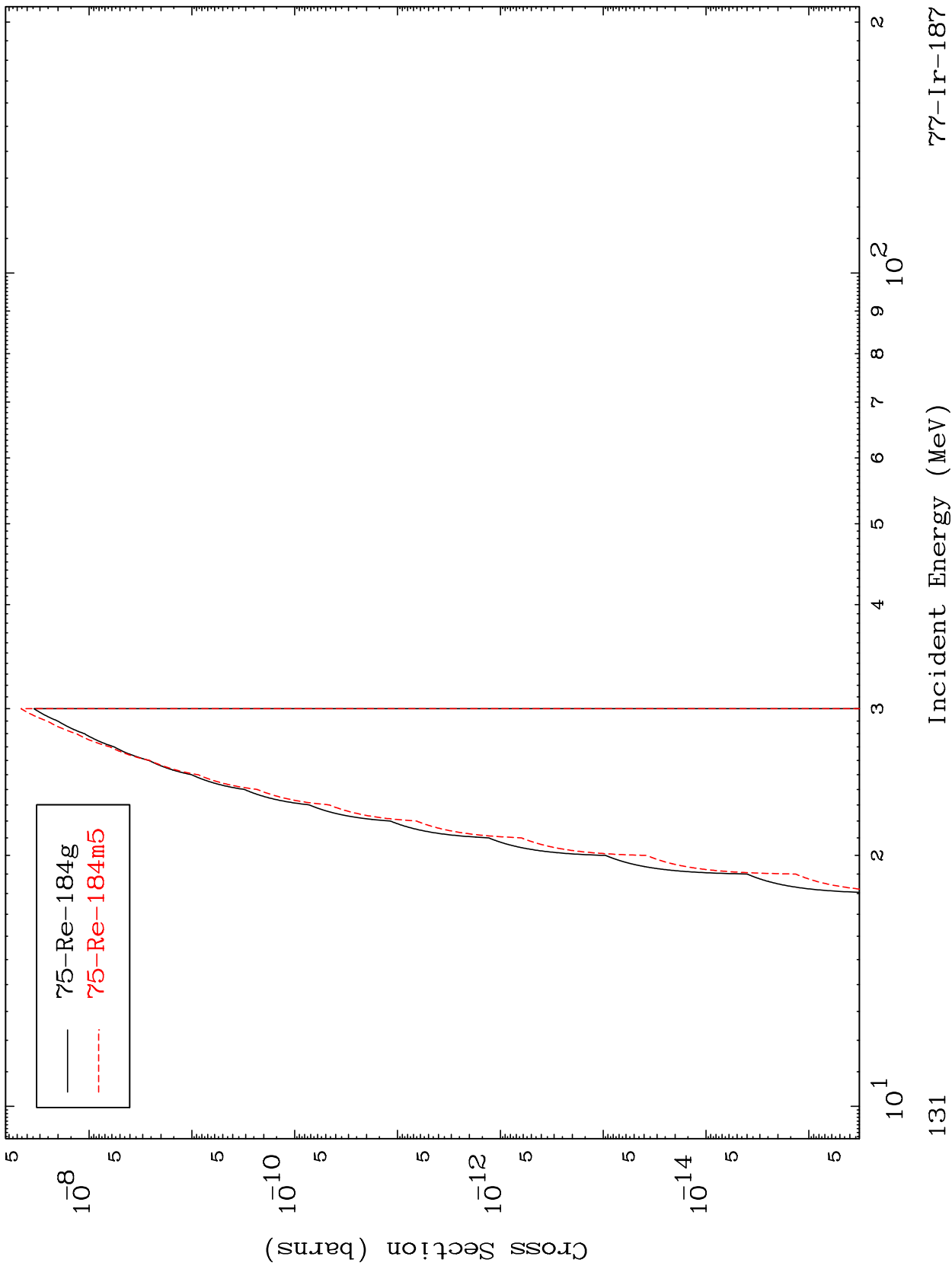


MAT 7713

(n,p) t

77-Ir-187

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-187

131