

Program EVALPLOT  
(Version 2018-1)

by

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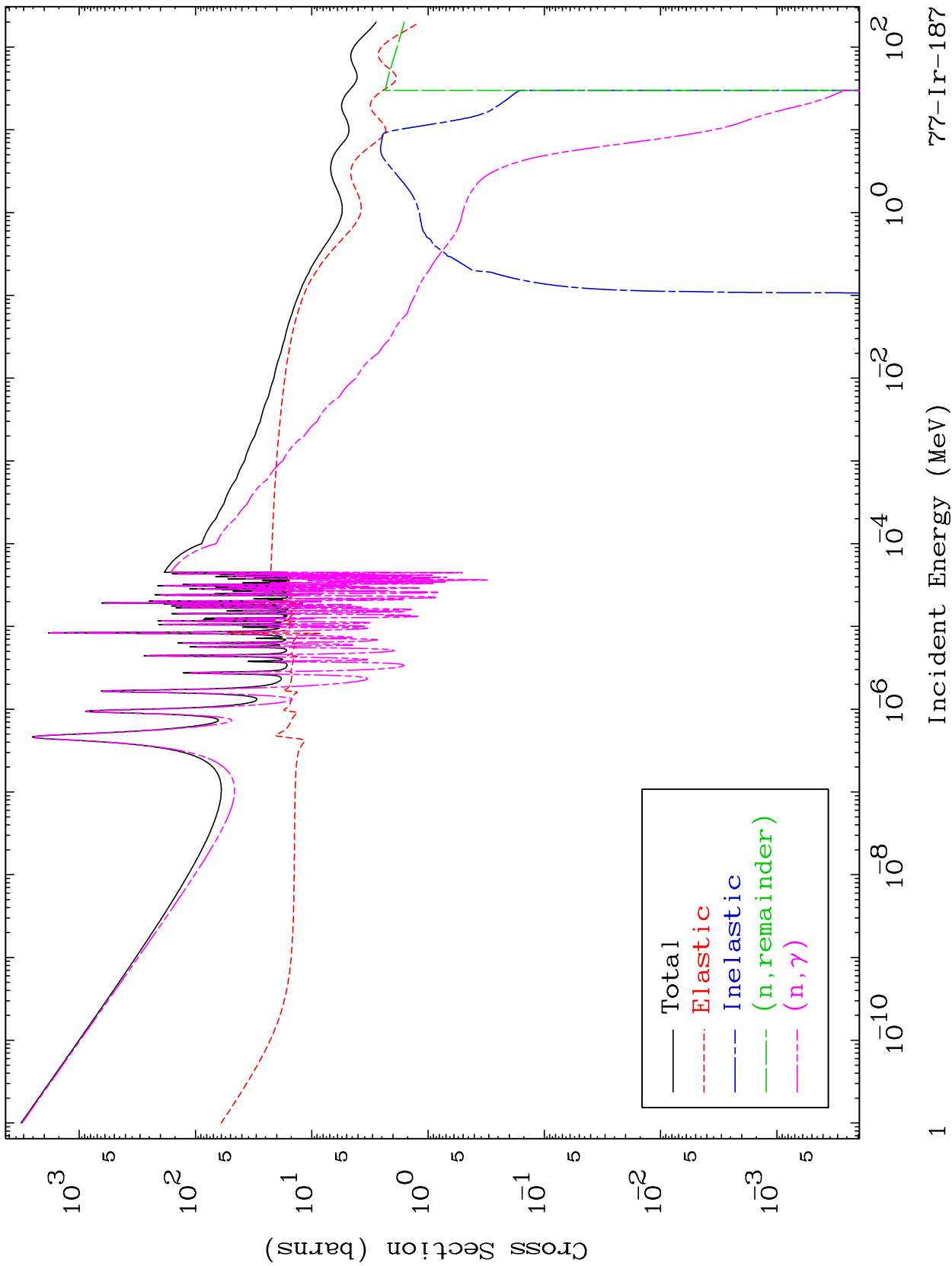
Press Mouse Button to Start

MAT 7713

Major

293 Kelvin Cross Sections

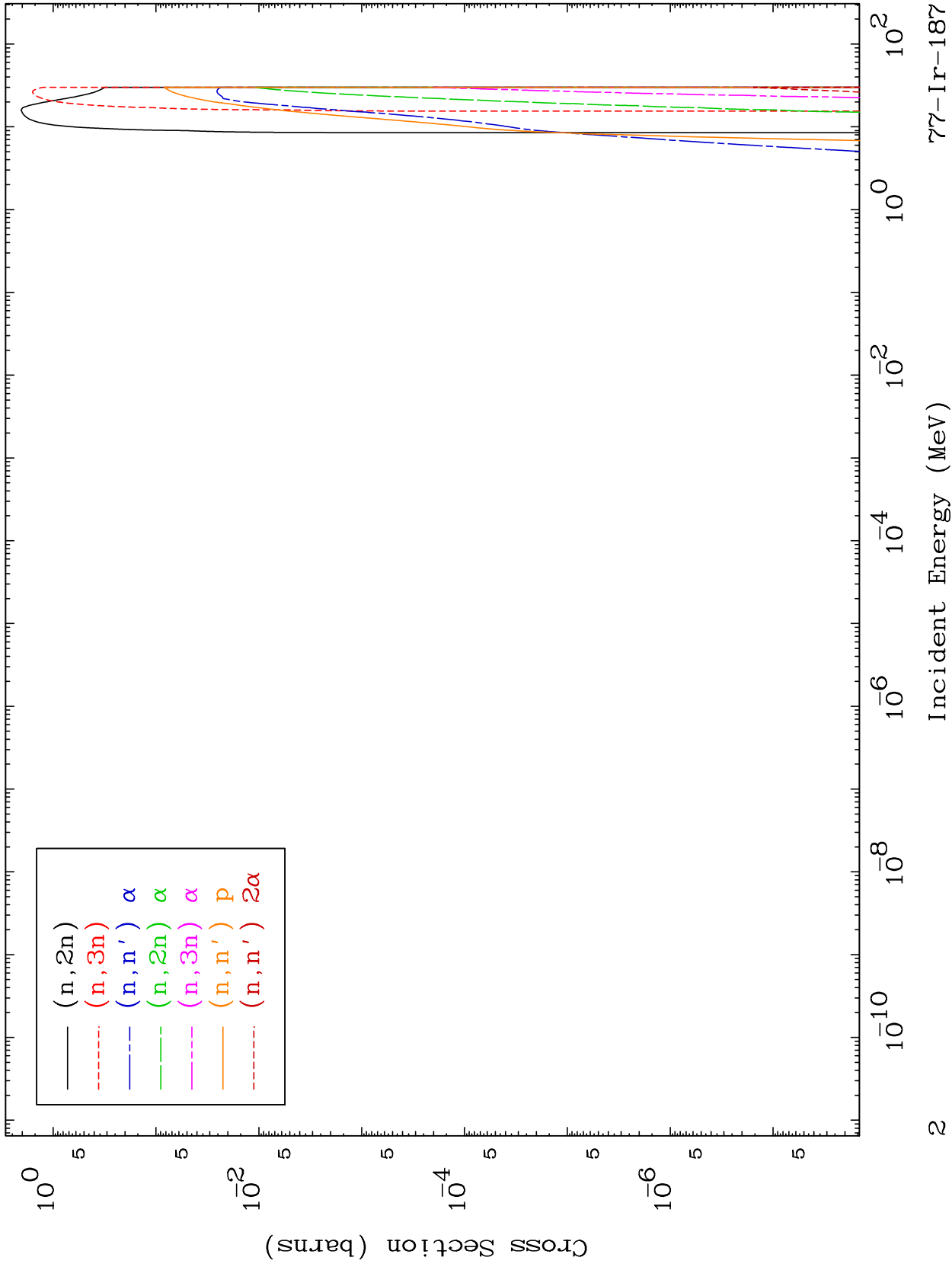
77-Ir-187



MAT 7713

Neutron Production  
293 Kelvin Cross Sections

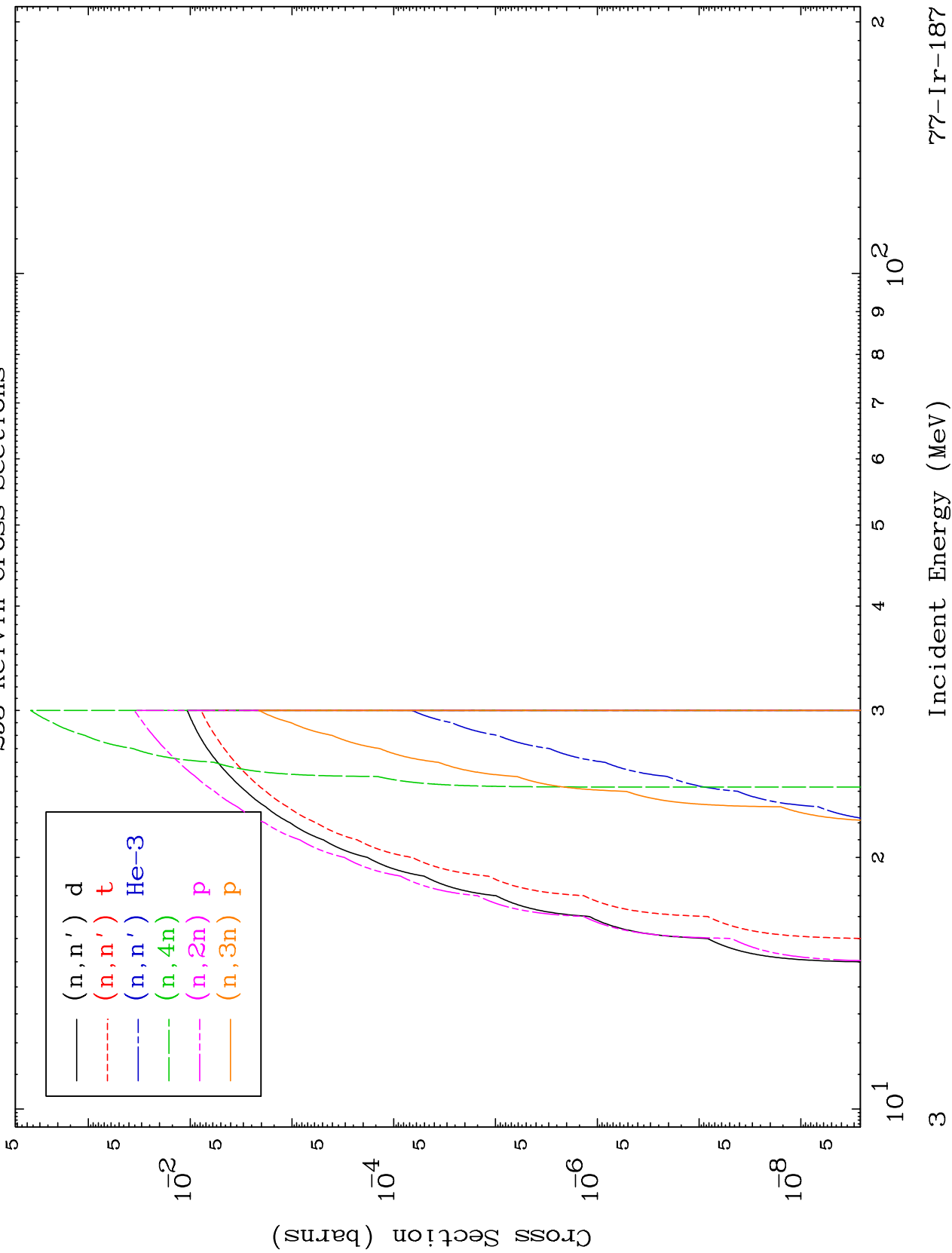
77-Ir-187



MAT 7713

Neutron Production  
293 Kelvin Cross Sections

77-Ir-187

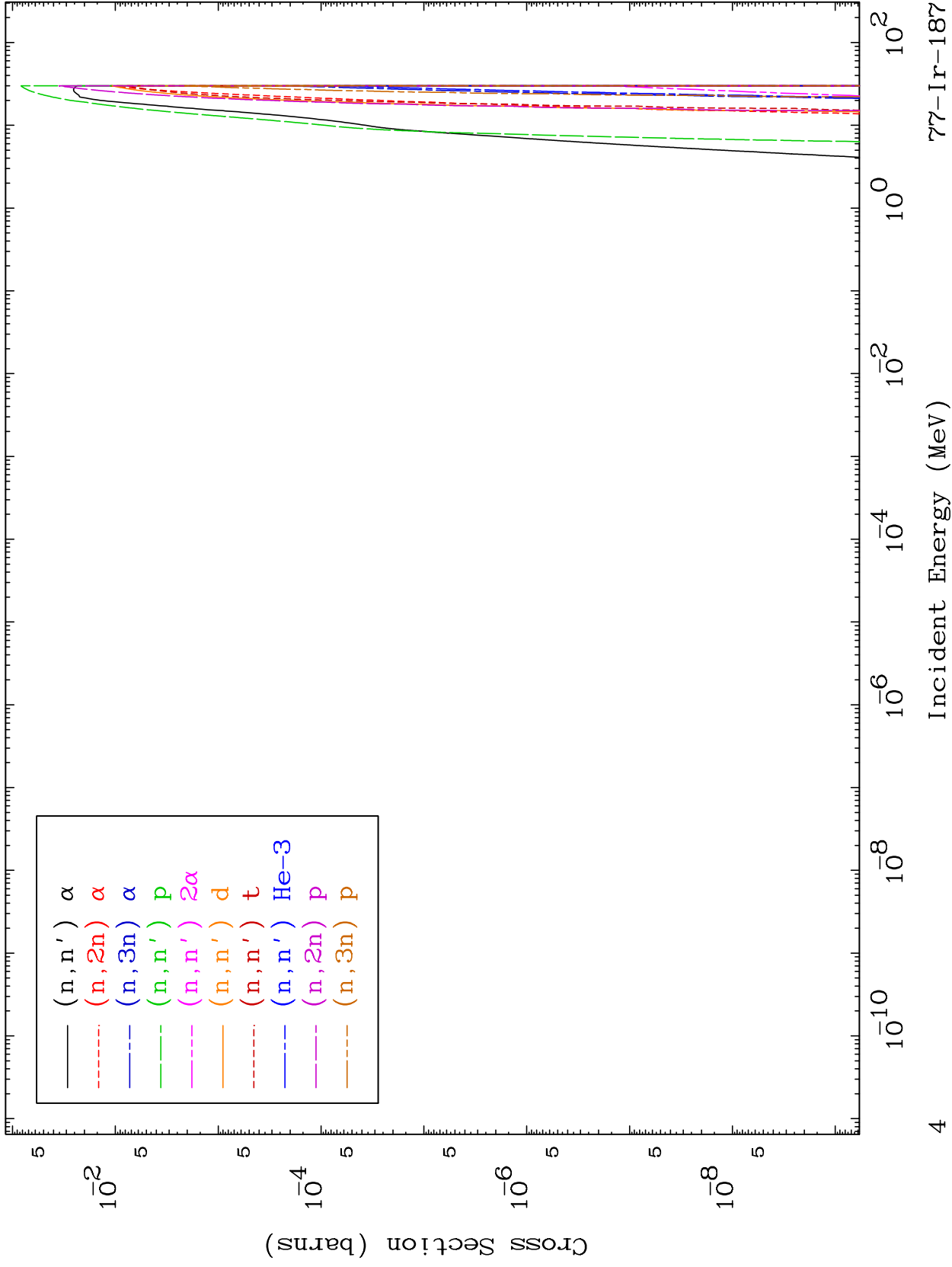


77-Ir-187

MAT 7713

Charged Particle  
293 Kelvin Cross Sections

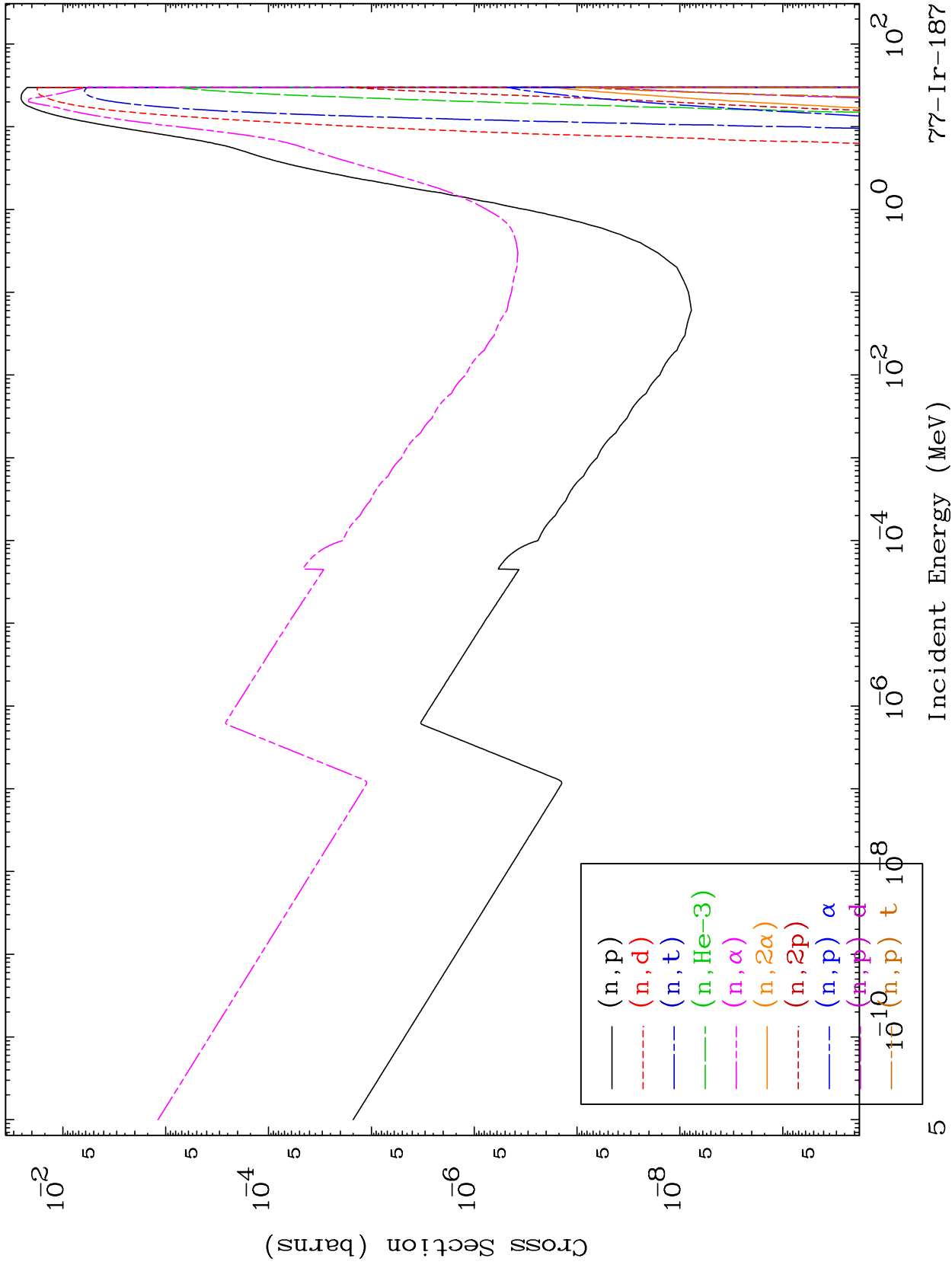
77-Ir-187



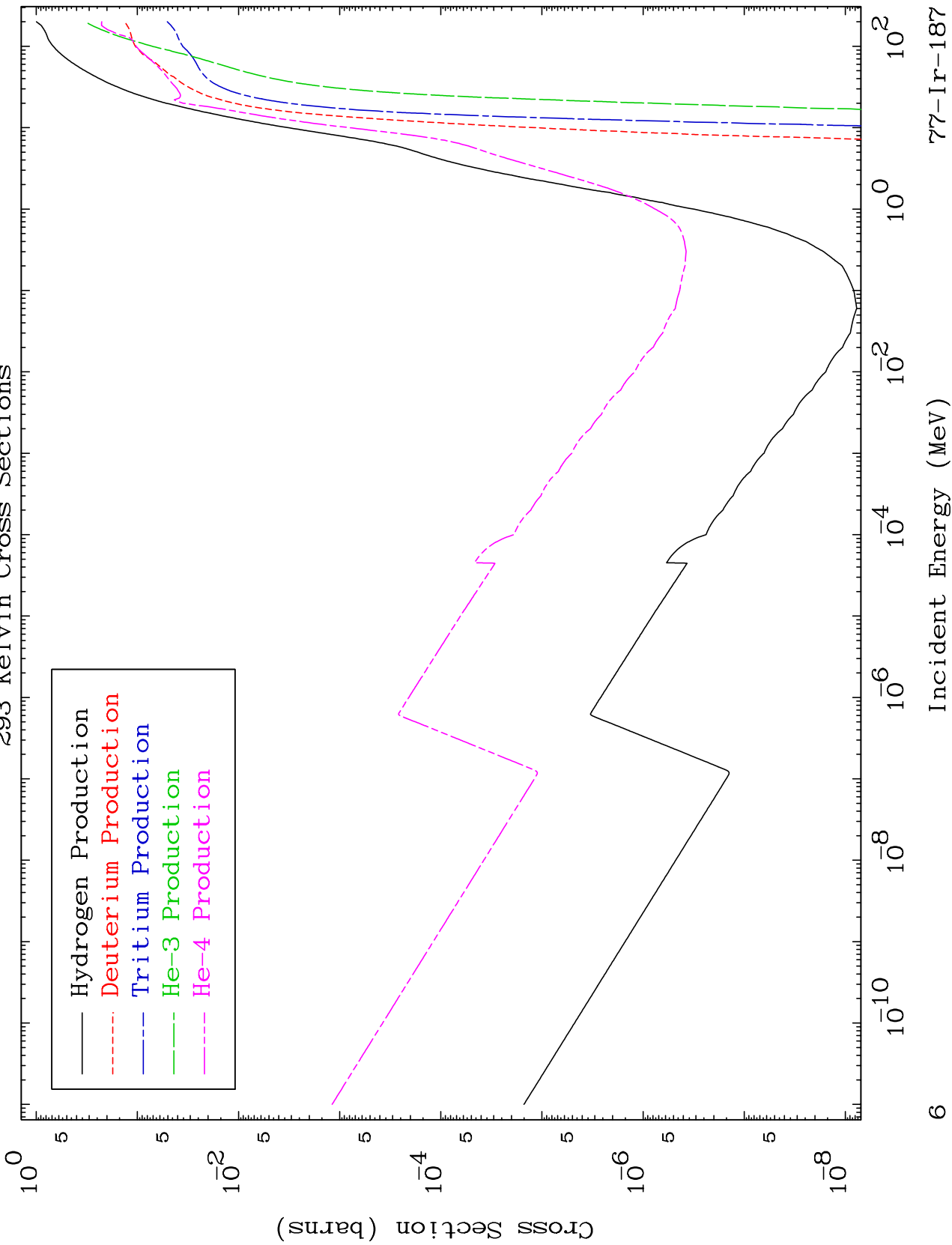
MAT 7713

Charged Particle  
293 Kelvin Cross Sections

77-Ir-187



5

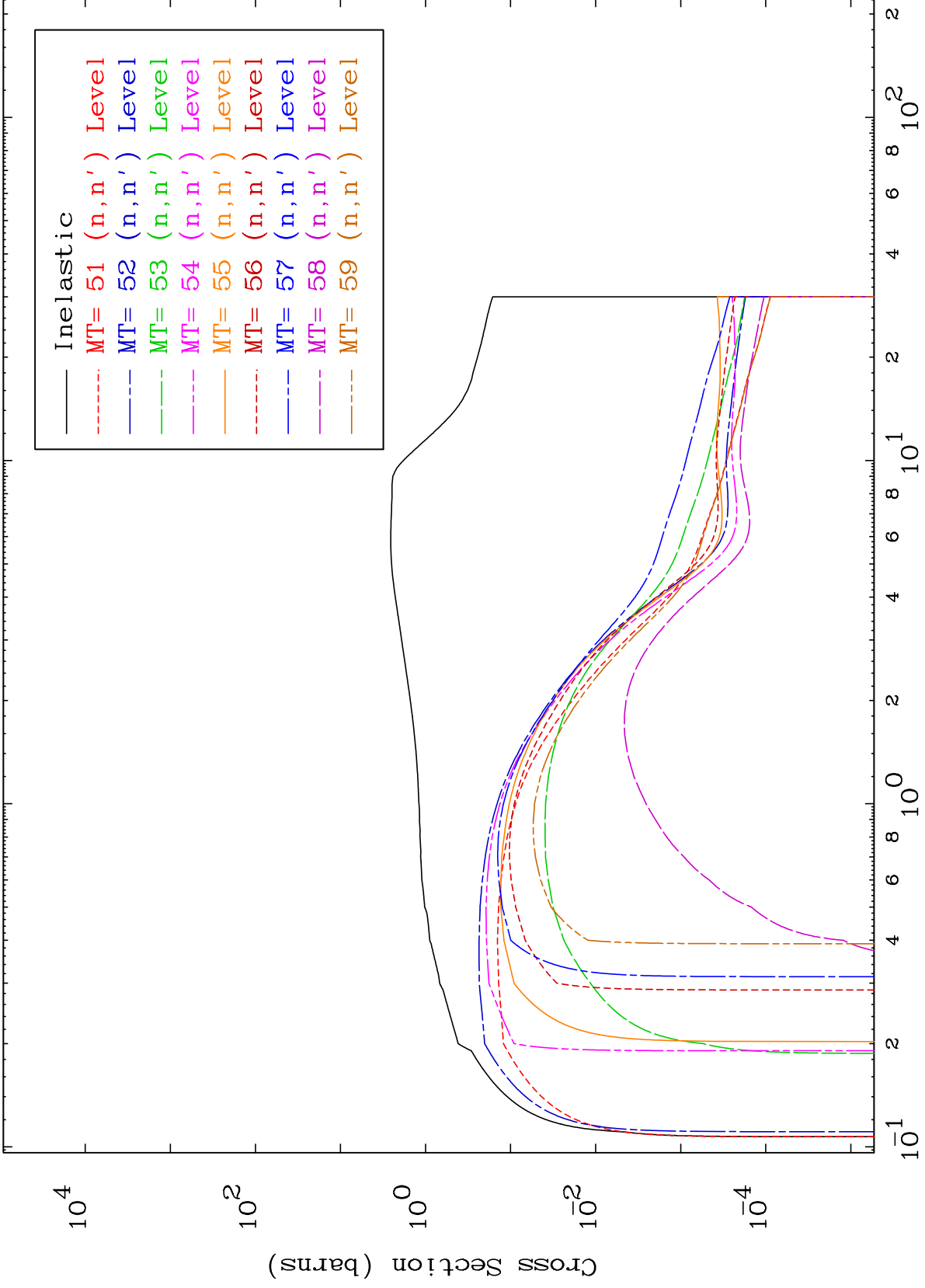


MAT 7713

(n,n') Level

77-Ir-187

293 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-187

7

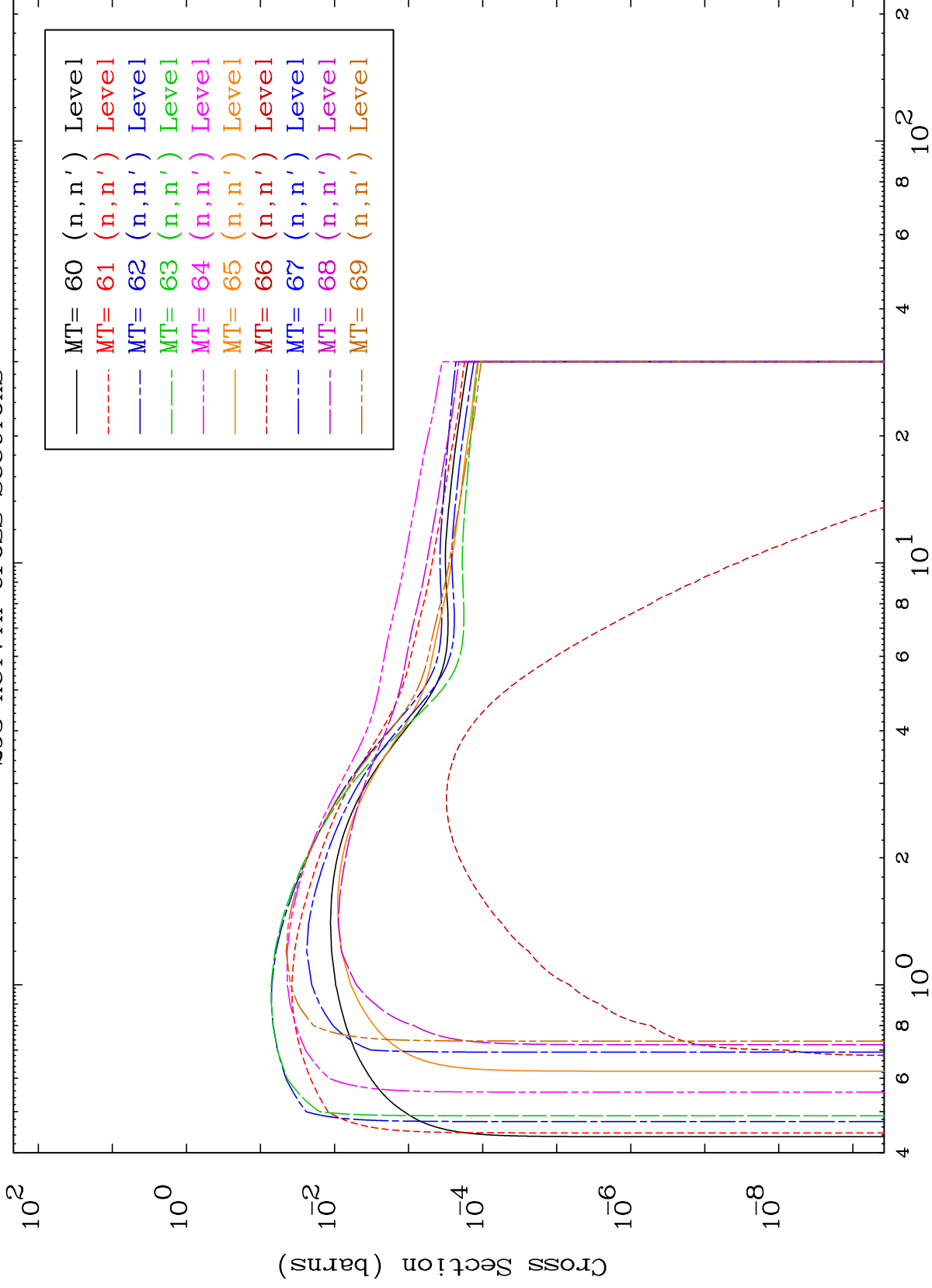


MAT 7713

(n,n') Level

77-Ir-187

293 Kelvin Cross Sections



8

Incident Energy (MeV)

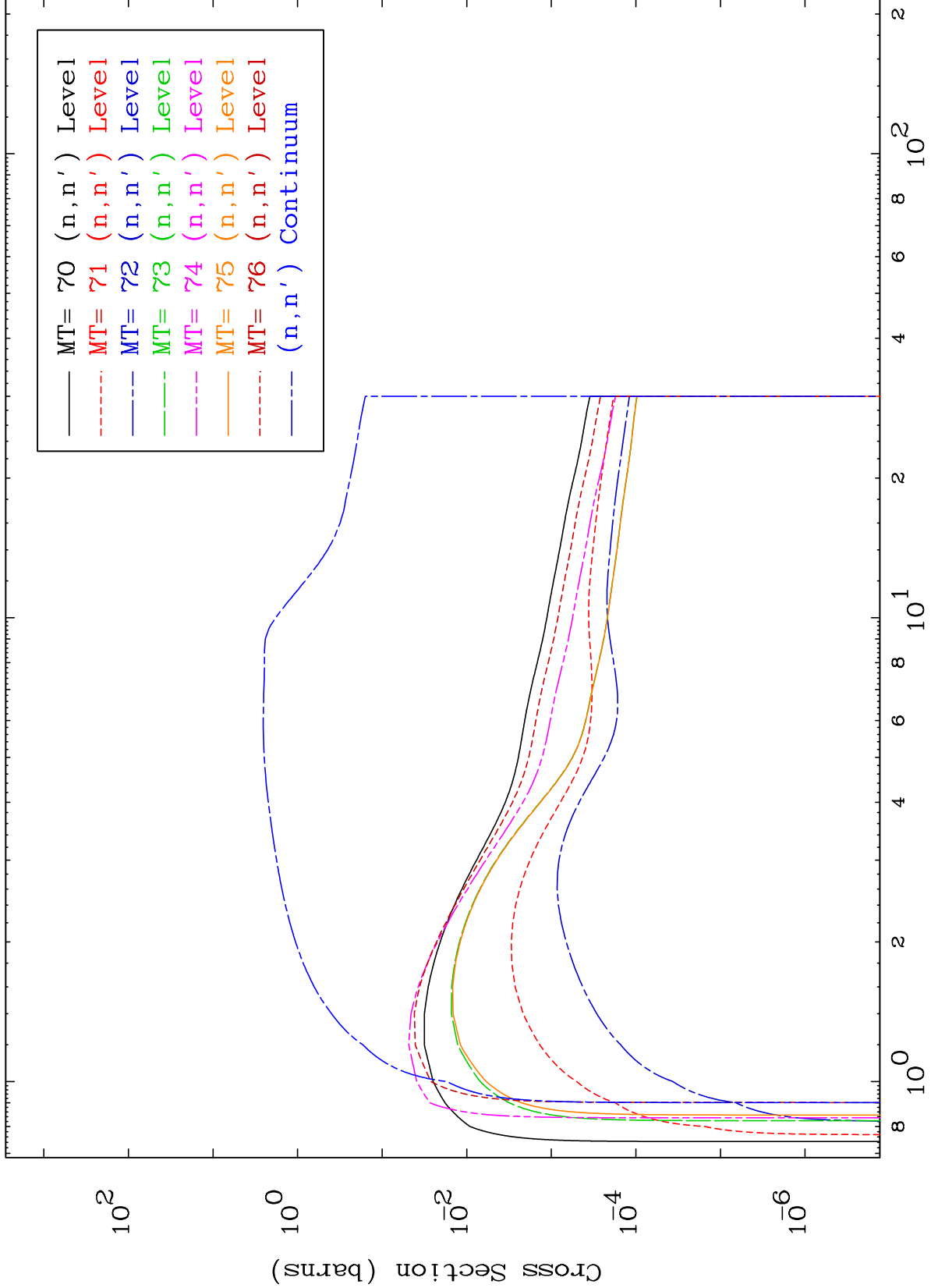
77-Ir-187

MAT 7713

(n,n') Level

77-Ir-187

293 Kelvin Cross Sections



9

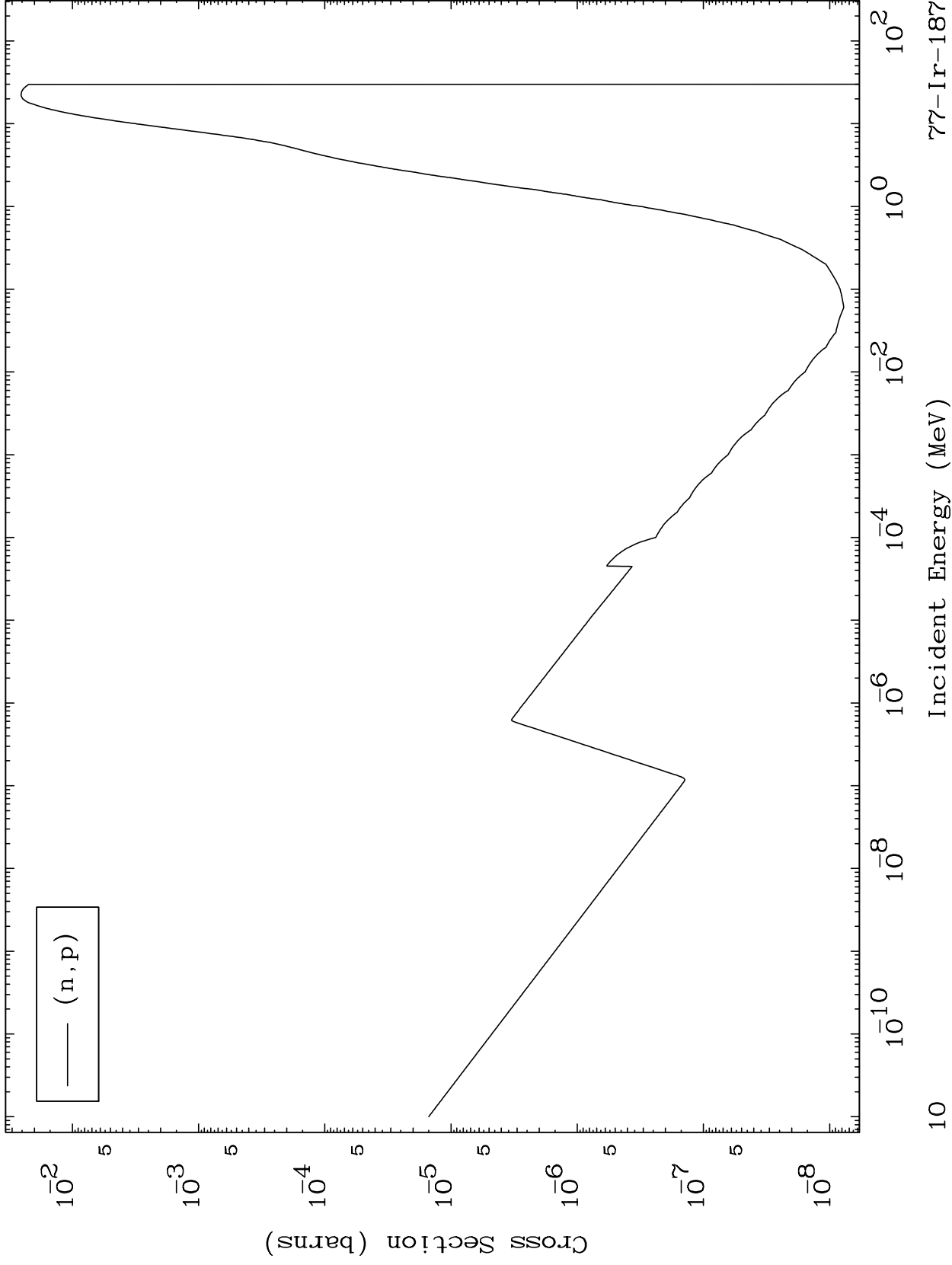
Incident Energy (MeV)

77-Ir-187

MAT 7713

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-187



10

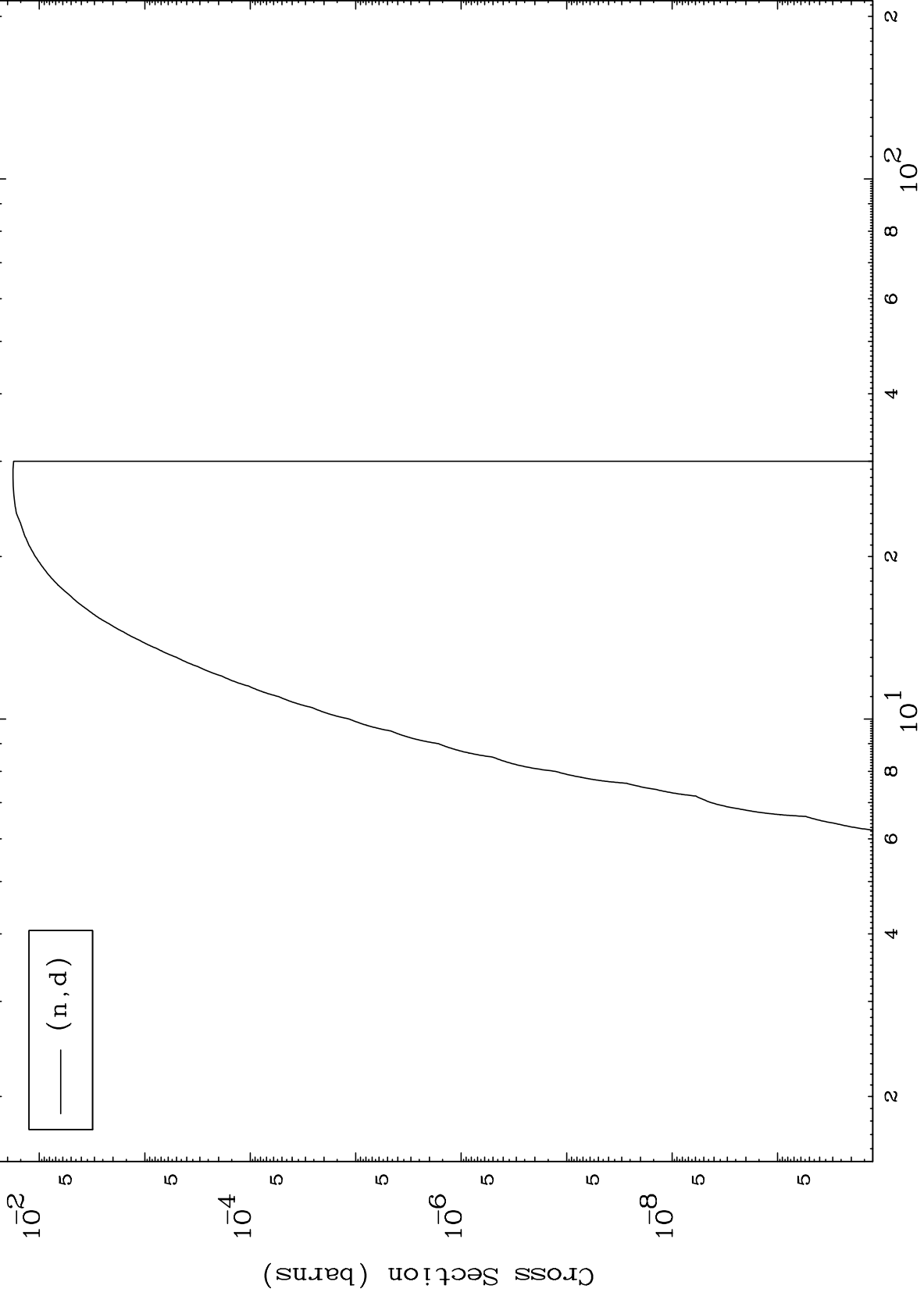
Incident Energy (MeV)

77-Ir-187

MAT 7713

(n,d) Levels  
293 Kelvin Cross Sections

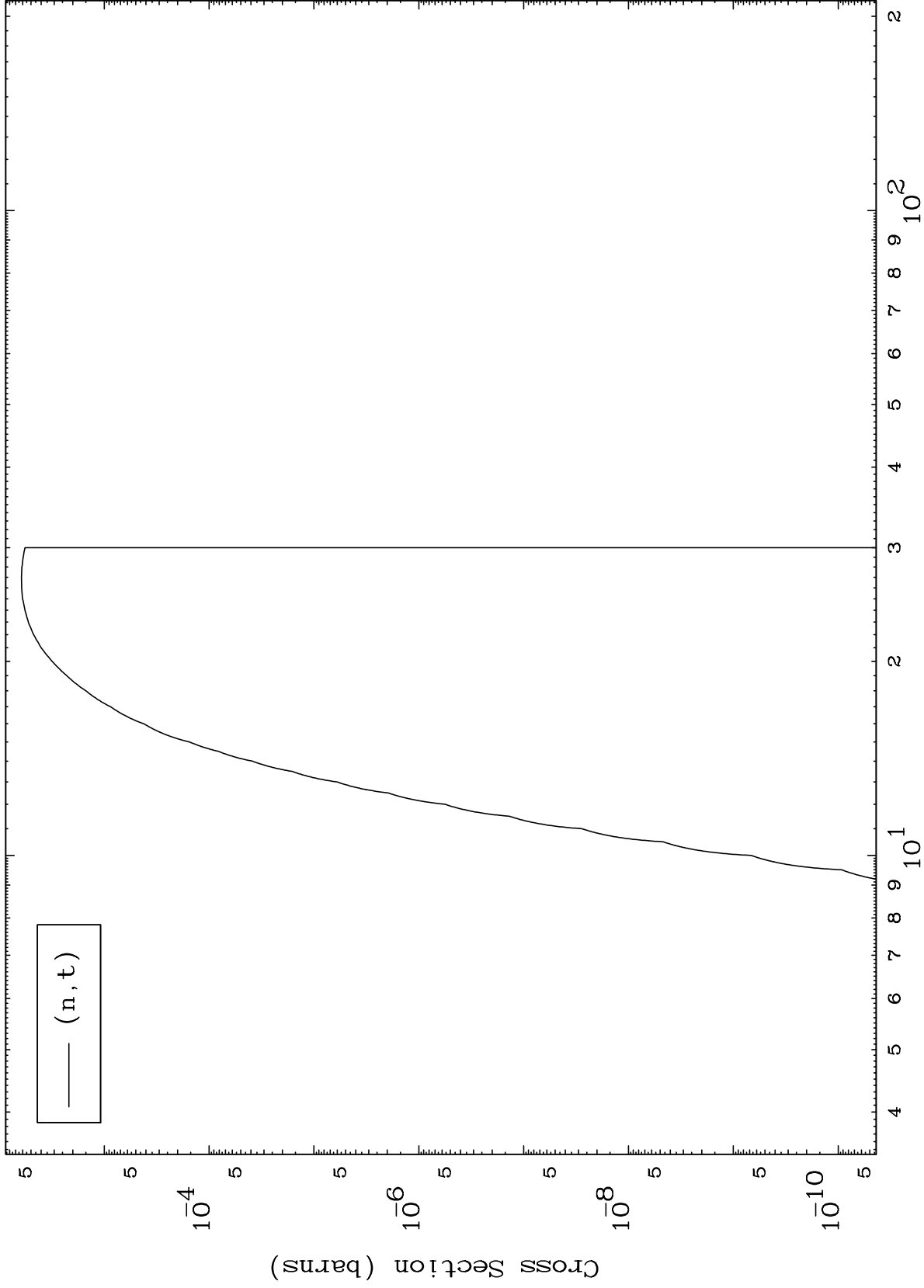
77-Ir-187



MAT 7713

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-187



12

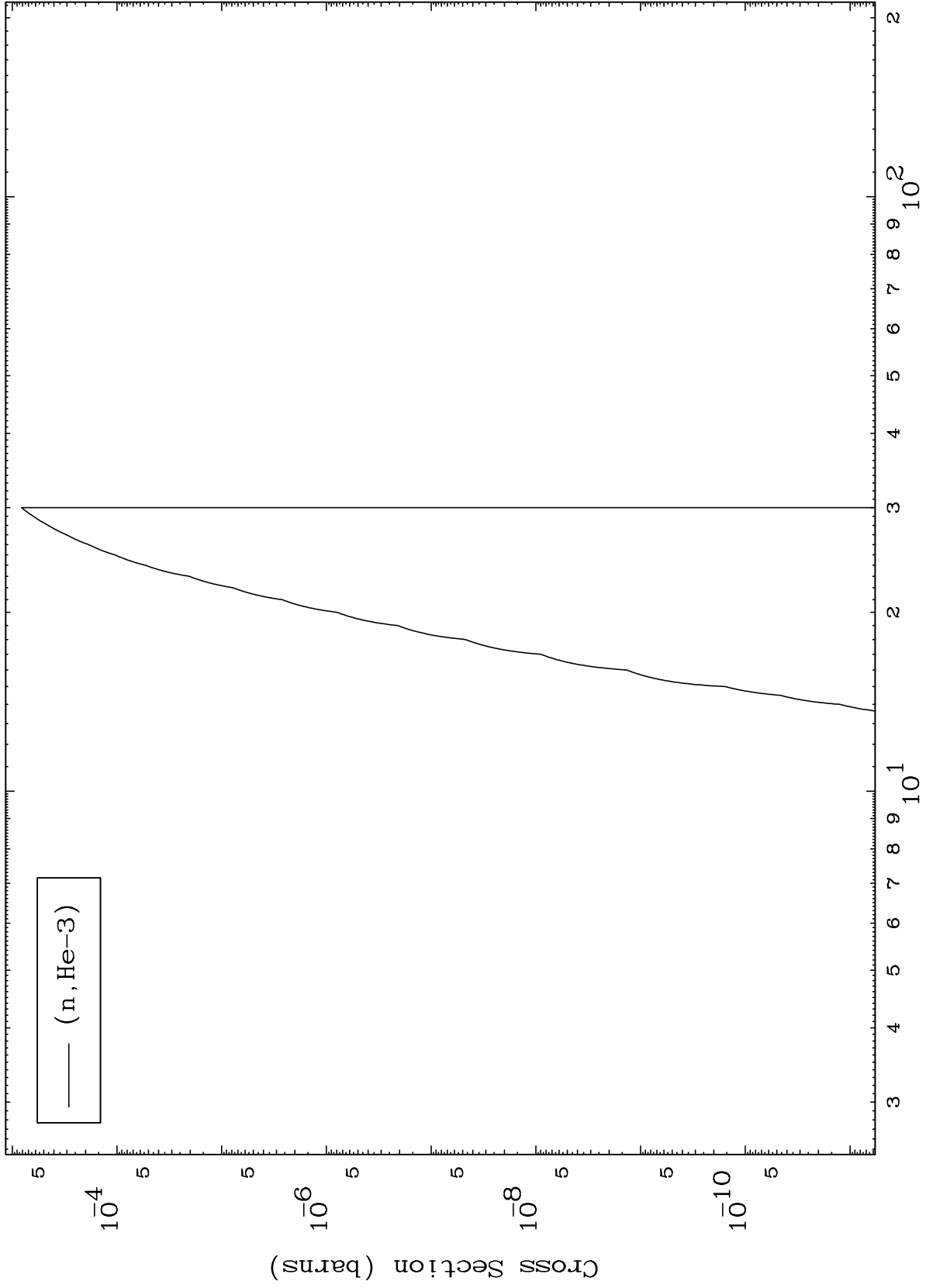
Incident Energy (MeV)

77-Ir-187

MAT 7713

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-187



13

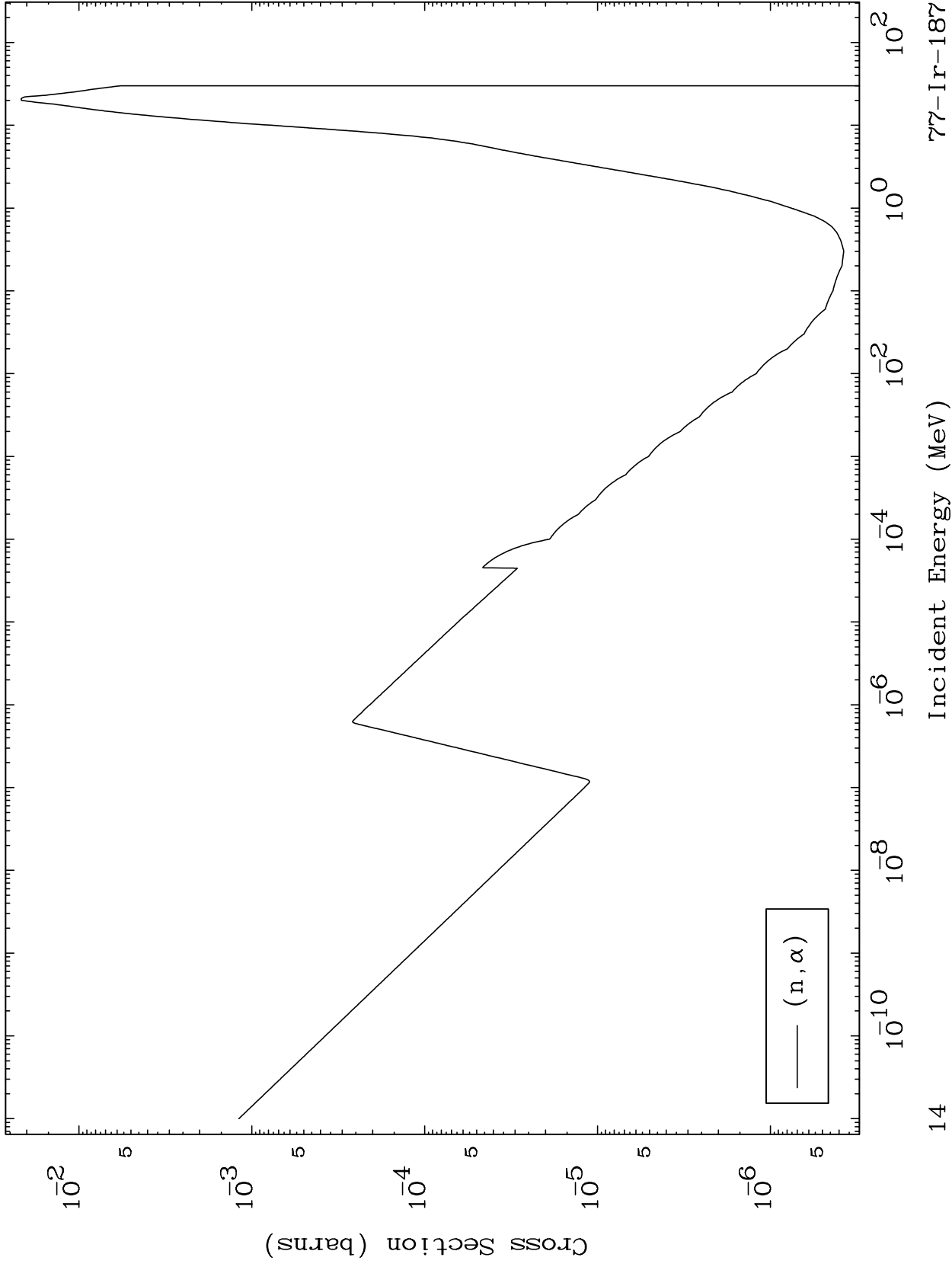
Incident Energy (MeV)

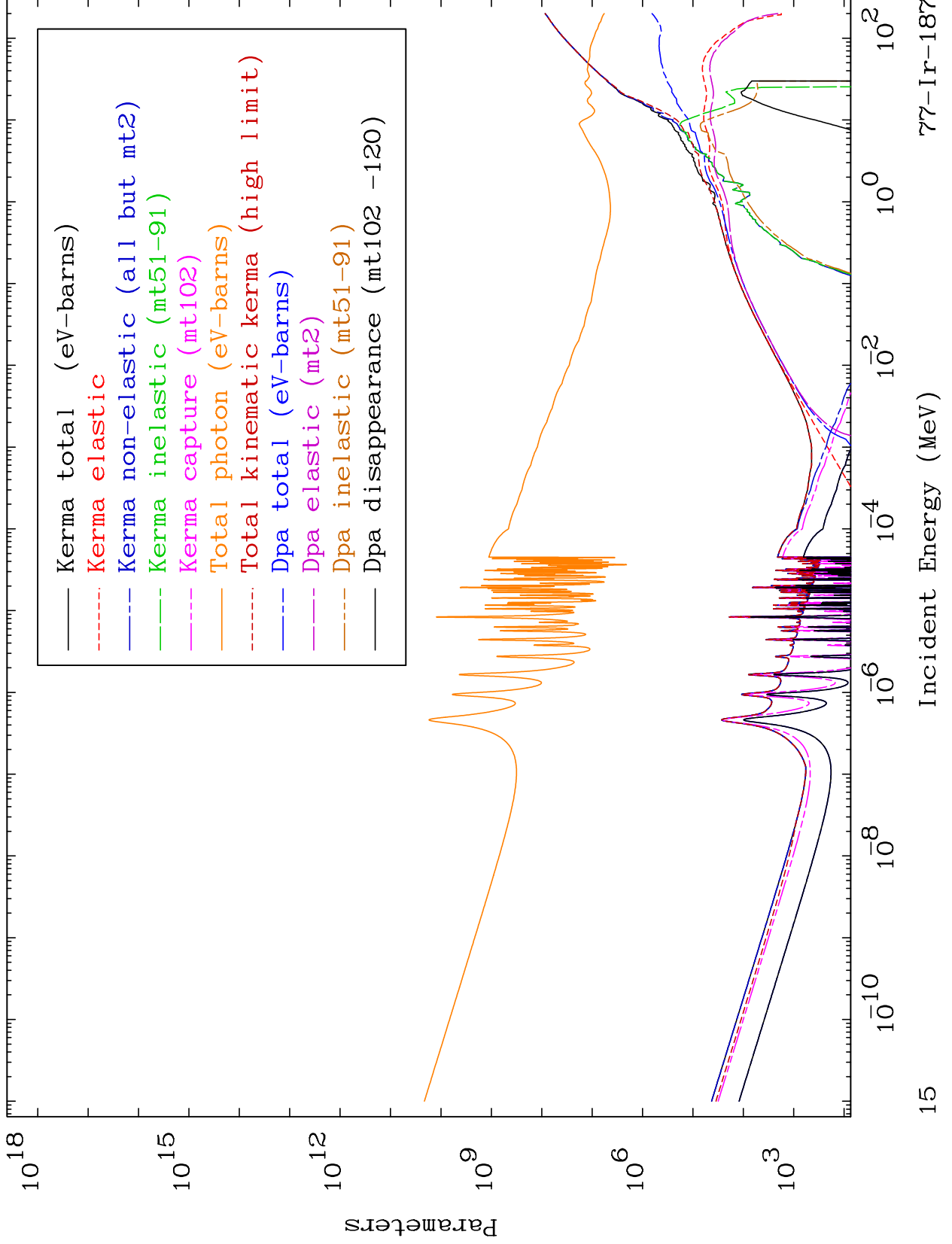
77-Ir-187

MAT 7713

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-187



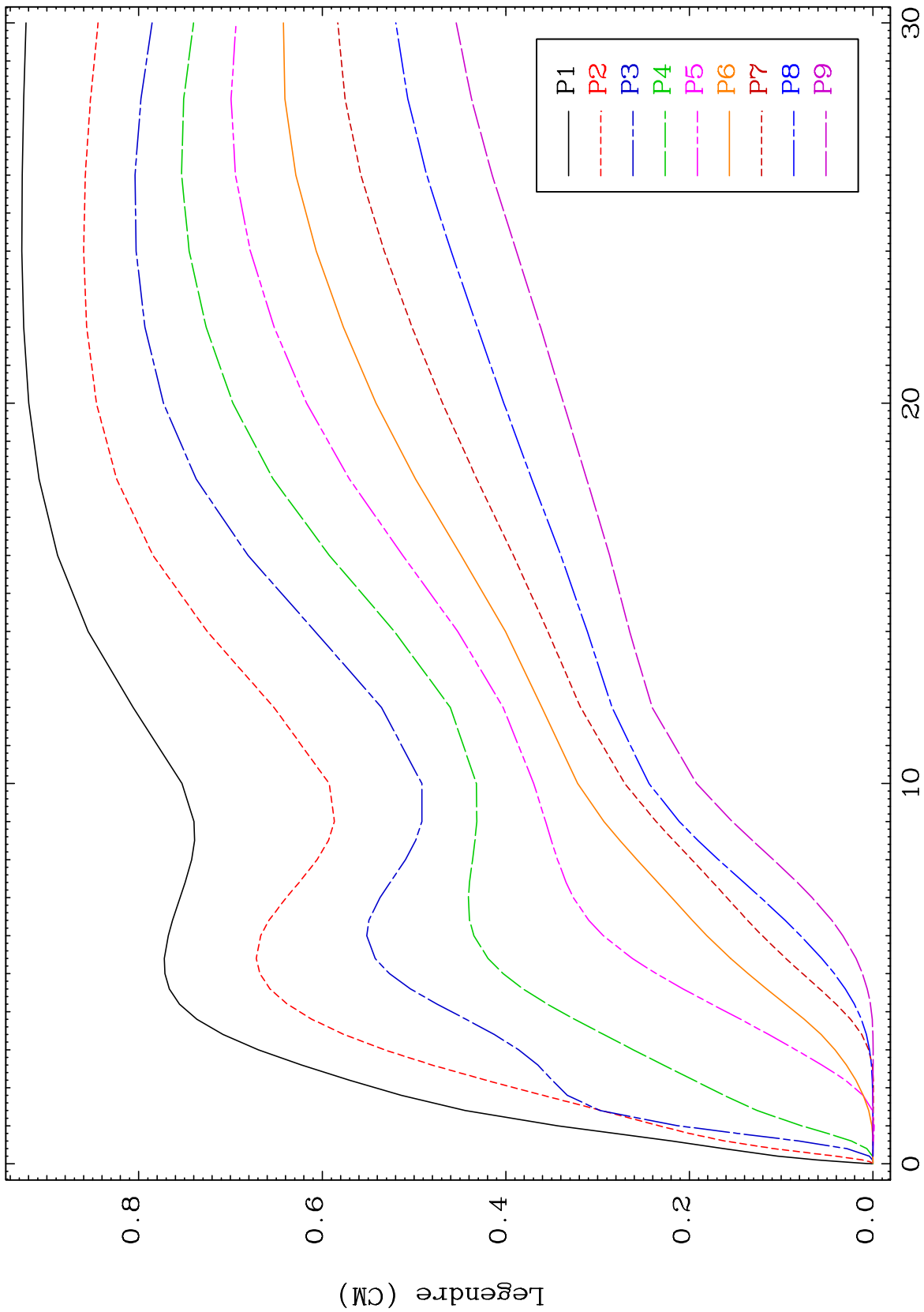




MAT 7713

77-Ir-187

Elastic Legendre Coefficients



77-Ir-187

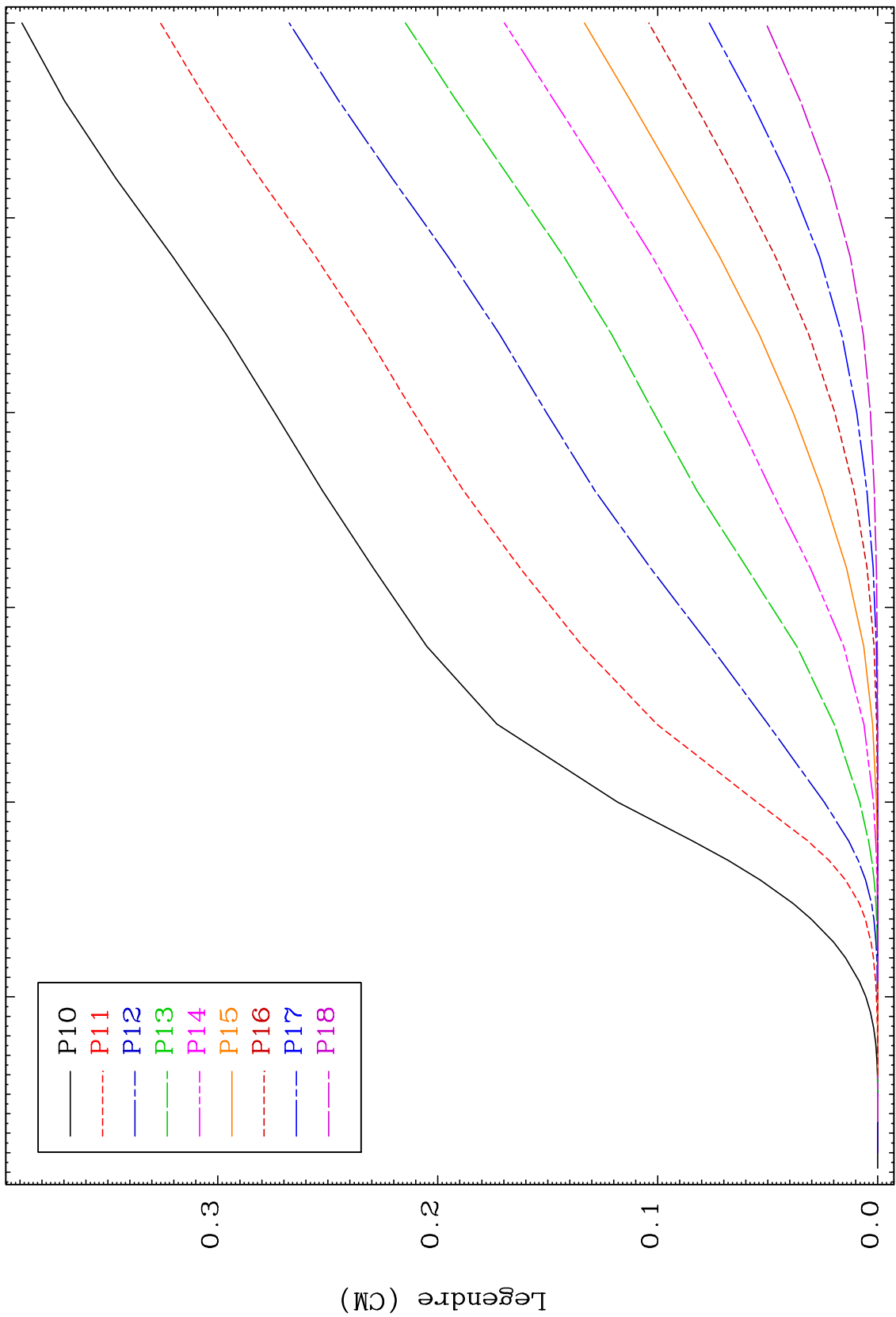
Incident Energy (MeV)

16

MAT 7713

Elastic Legendre Coefficients

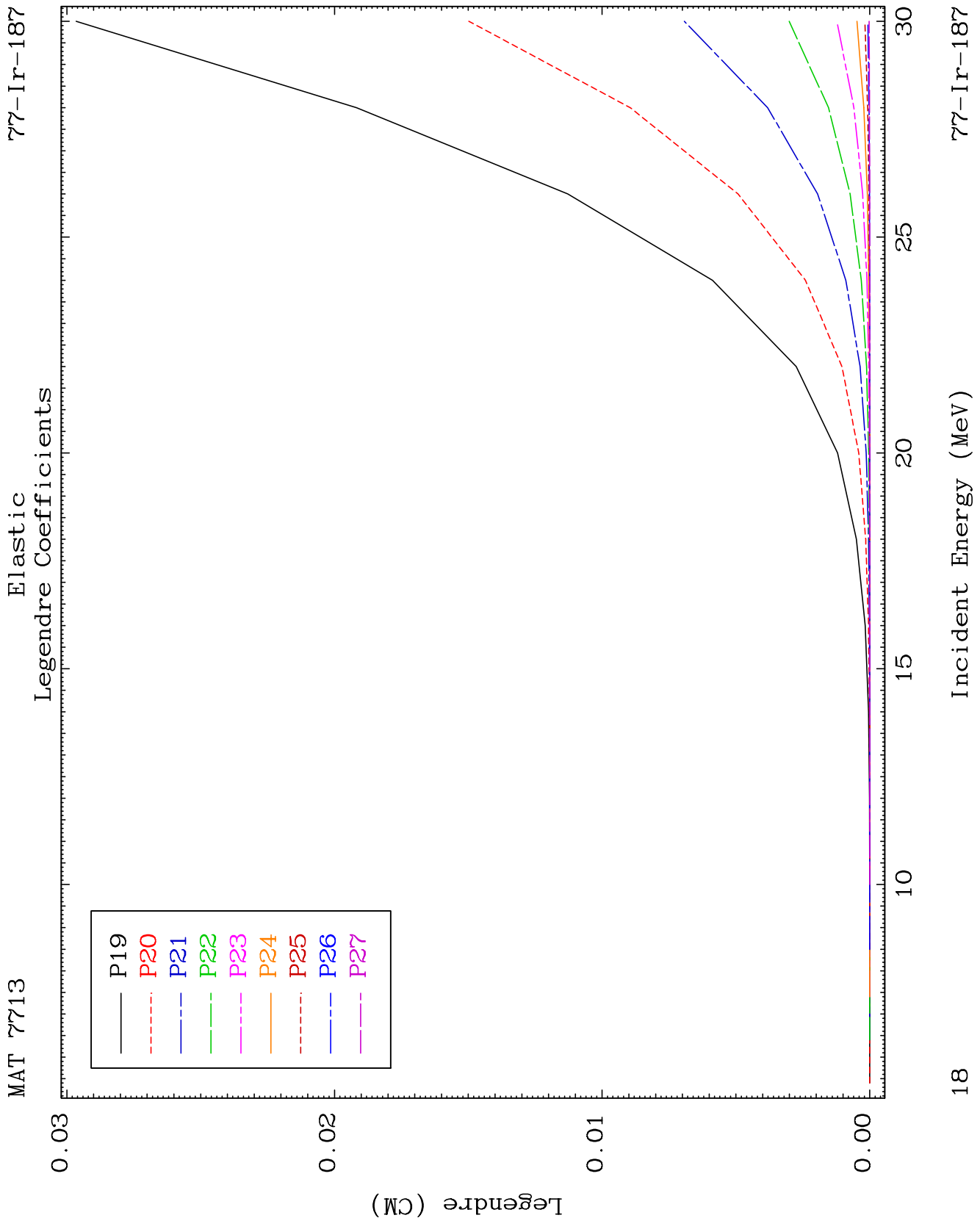
<sup>77</sup>Ir-187



17

Incident Energy (MeV)

<sup>77</sup>Ir-187



77-Ir-187

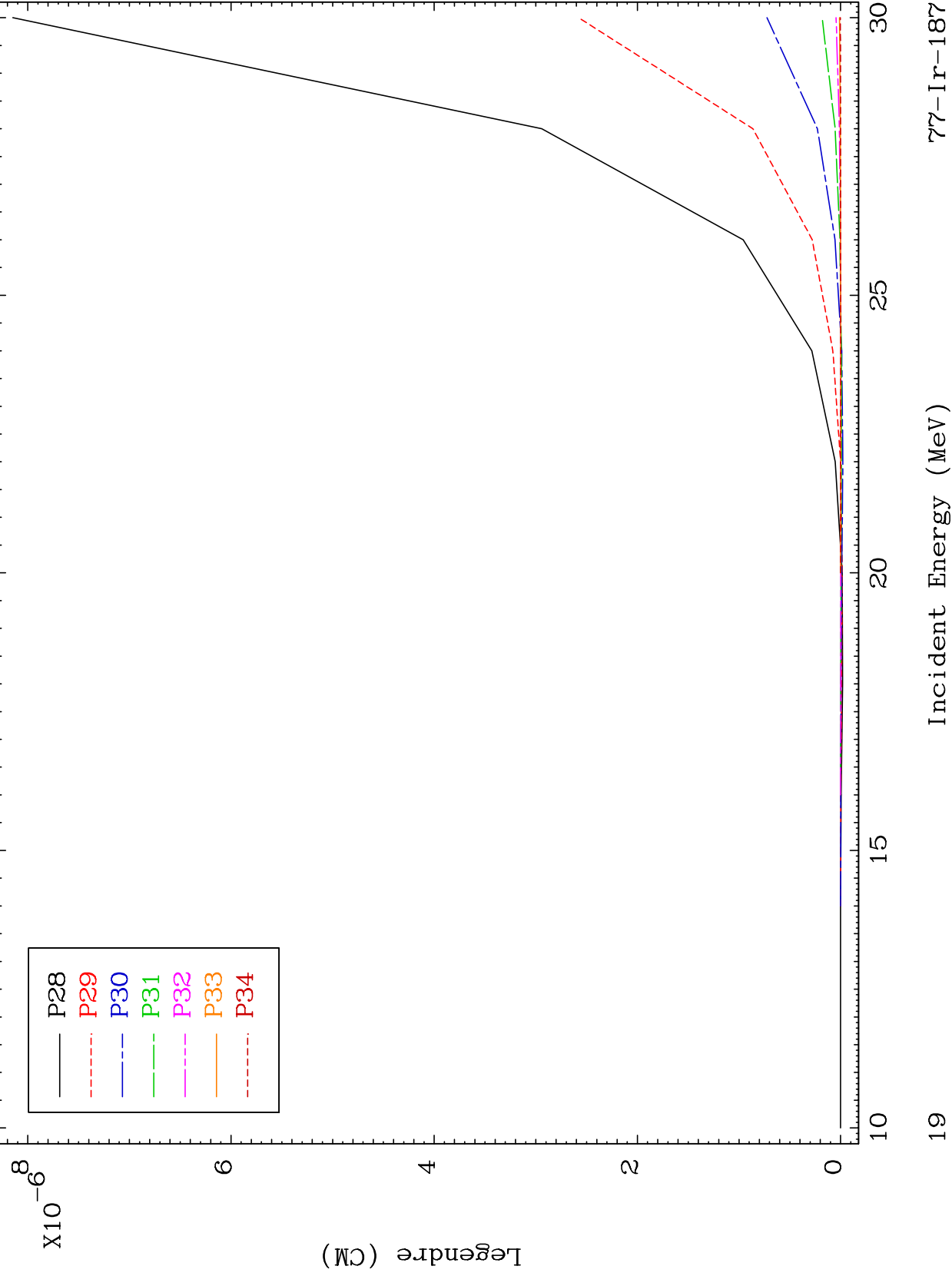
77-Ir-187

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MAT 7713

Elastic Legendre Coefficients

77-Ir-187



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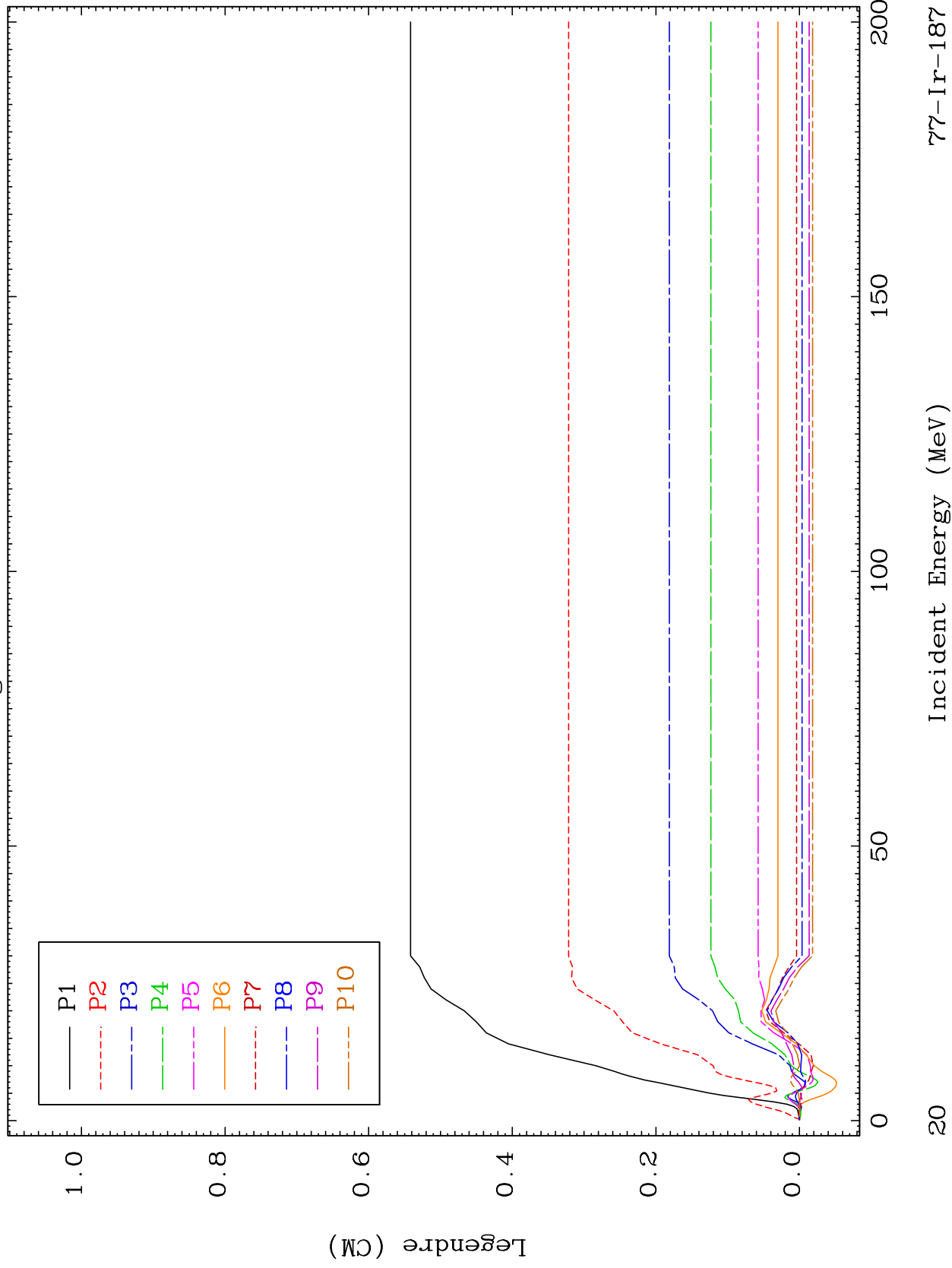
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

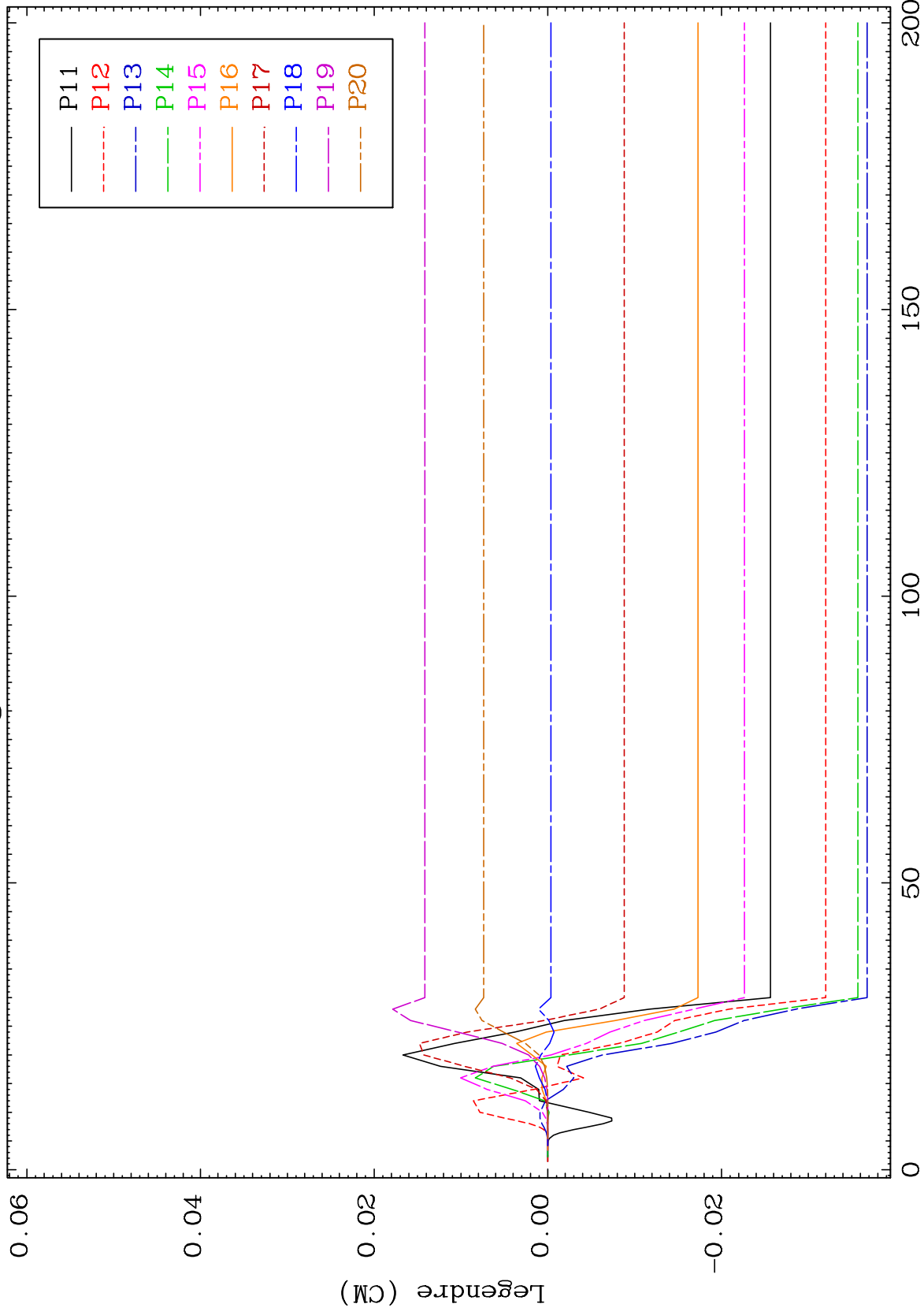
77-Ir-187



MAT 7713

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

77-Ir-187



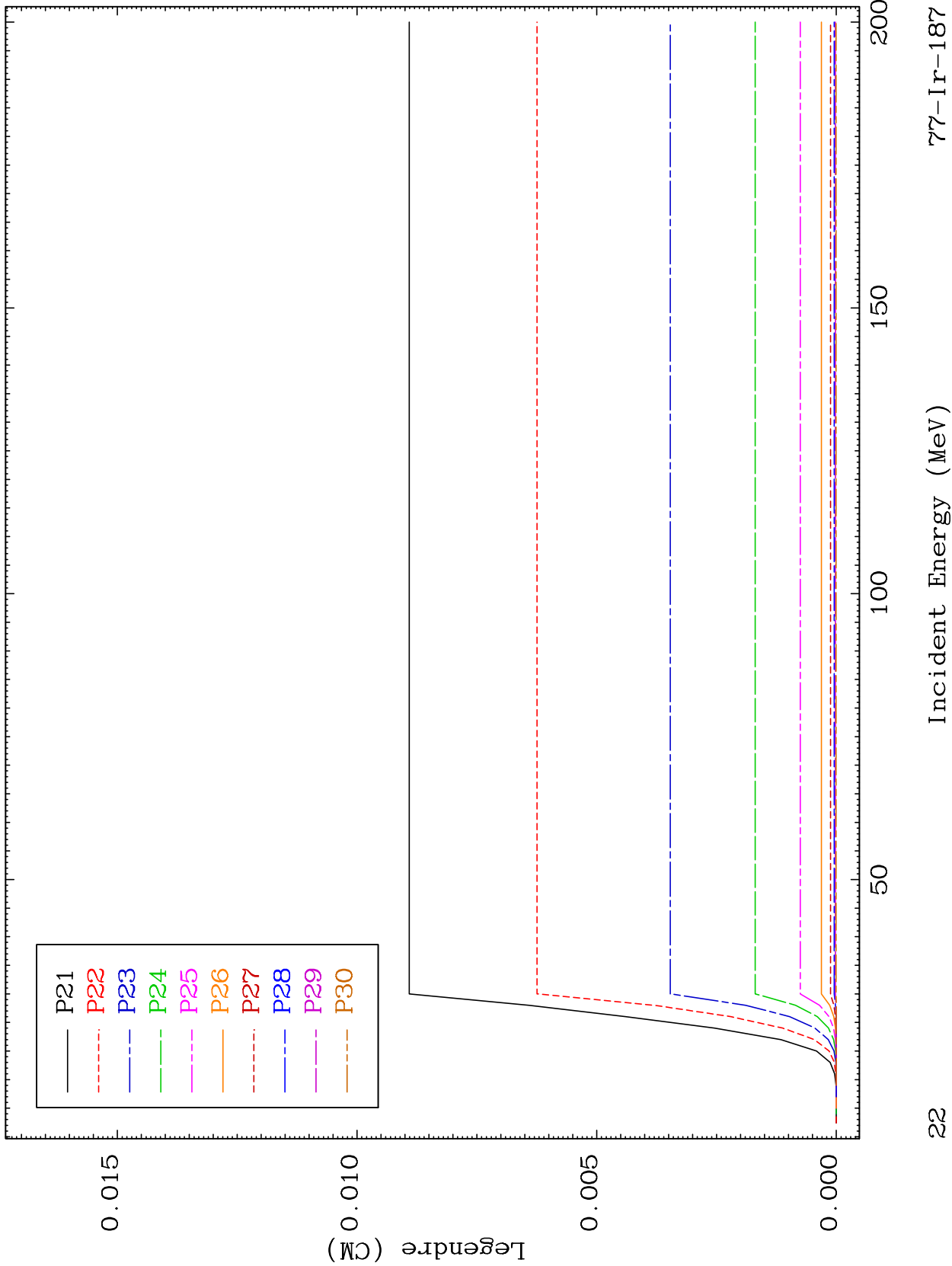
21

77-Ir-187

MAT 7713

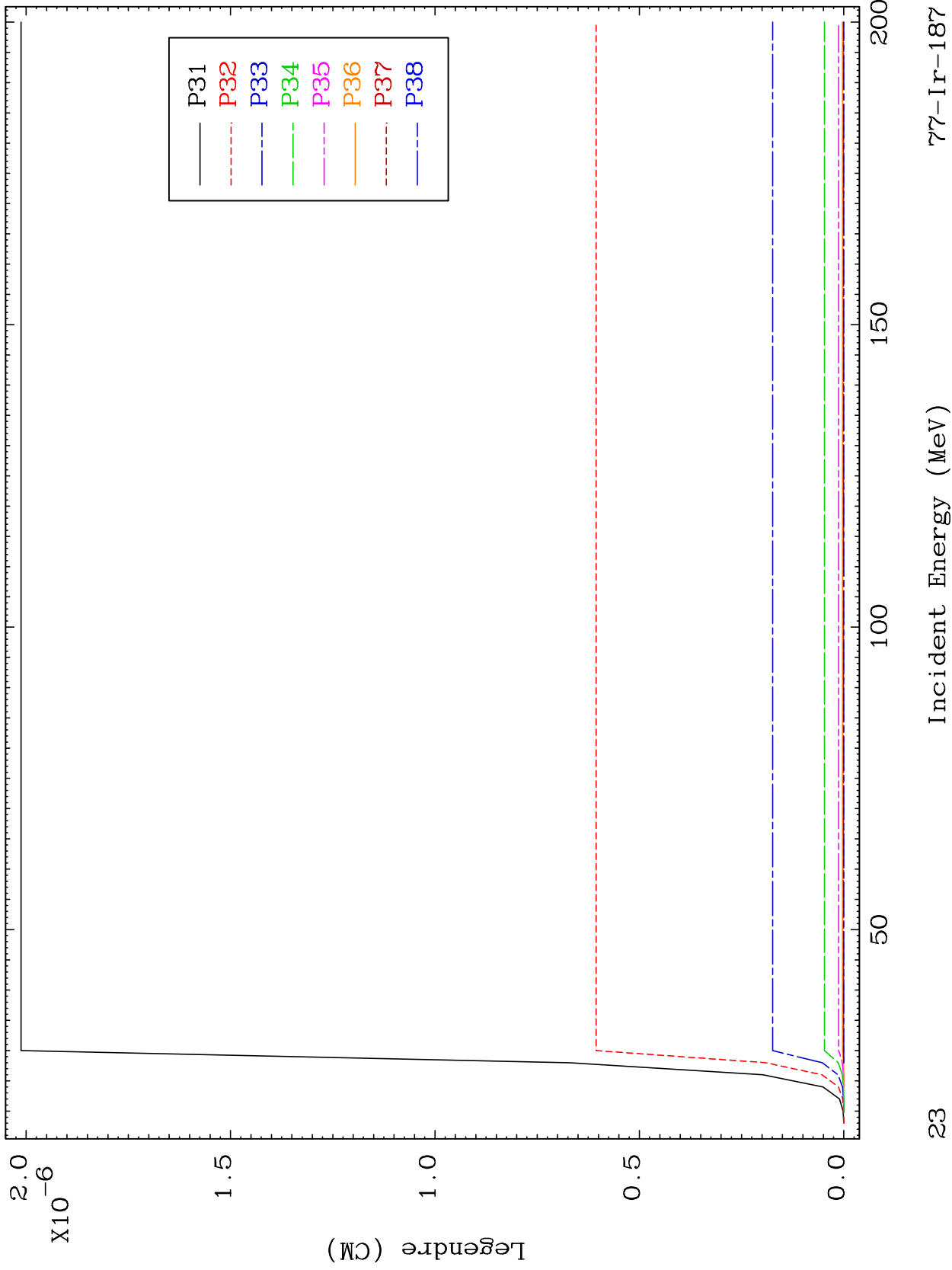
MT= 51 (n,n') Level  
Legendre Coefficients

77-Ir-187

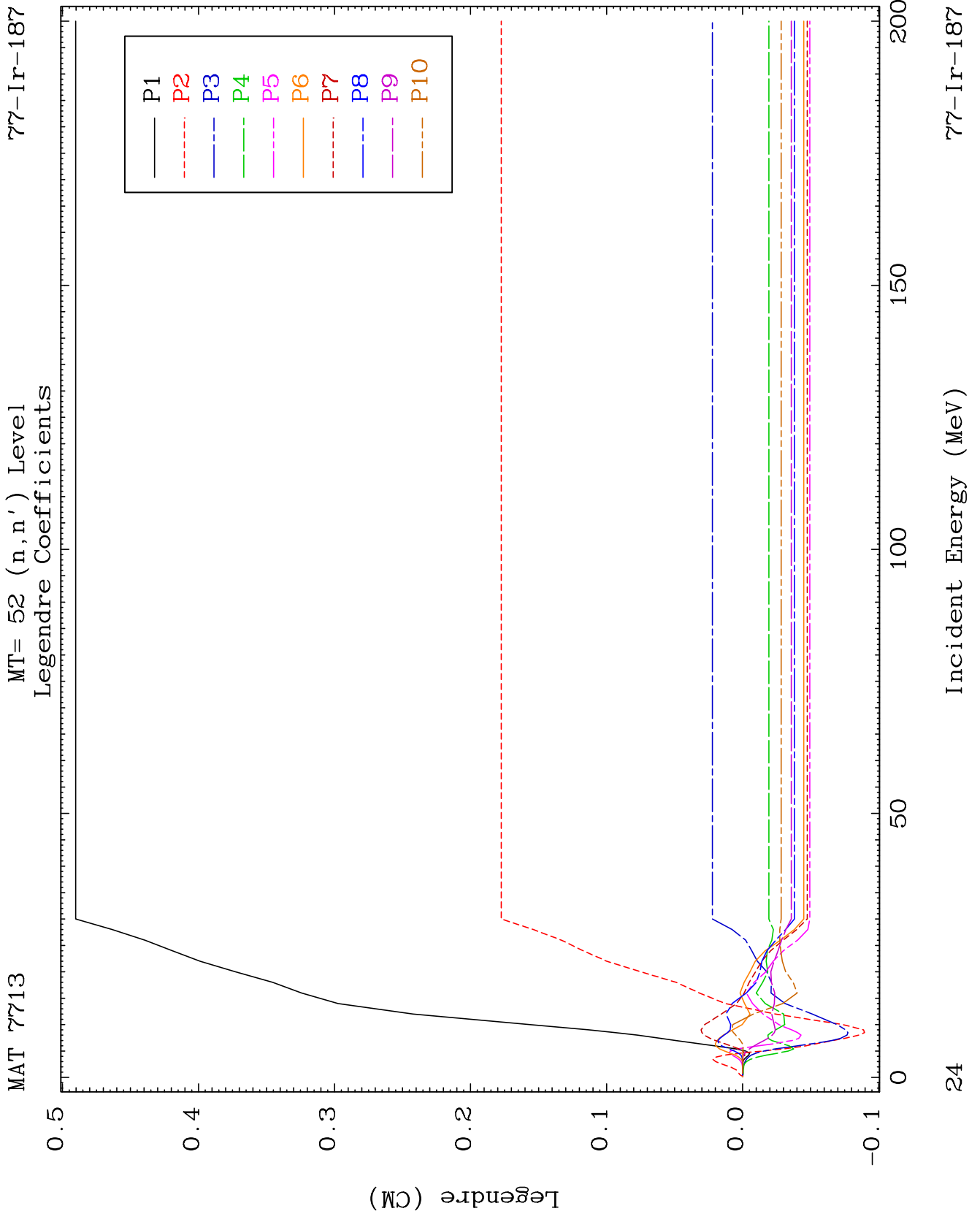


22

77-Ir-187



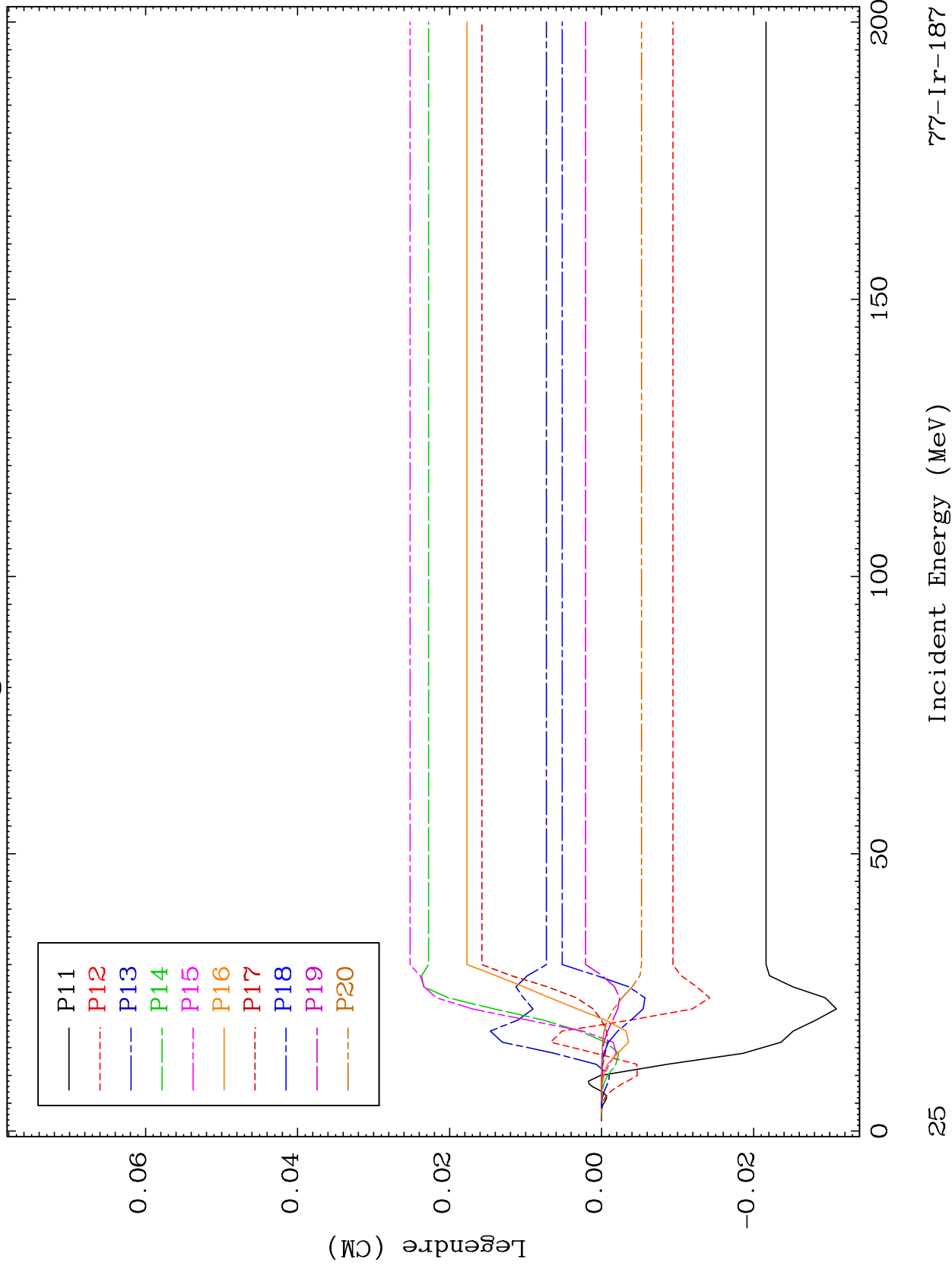




MAT 7713

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

77-Ir-187



77-Ir-187

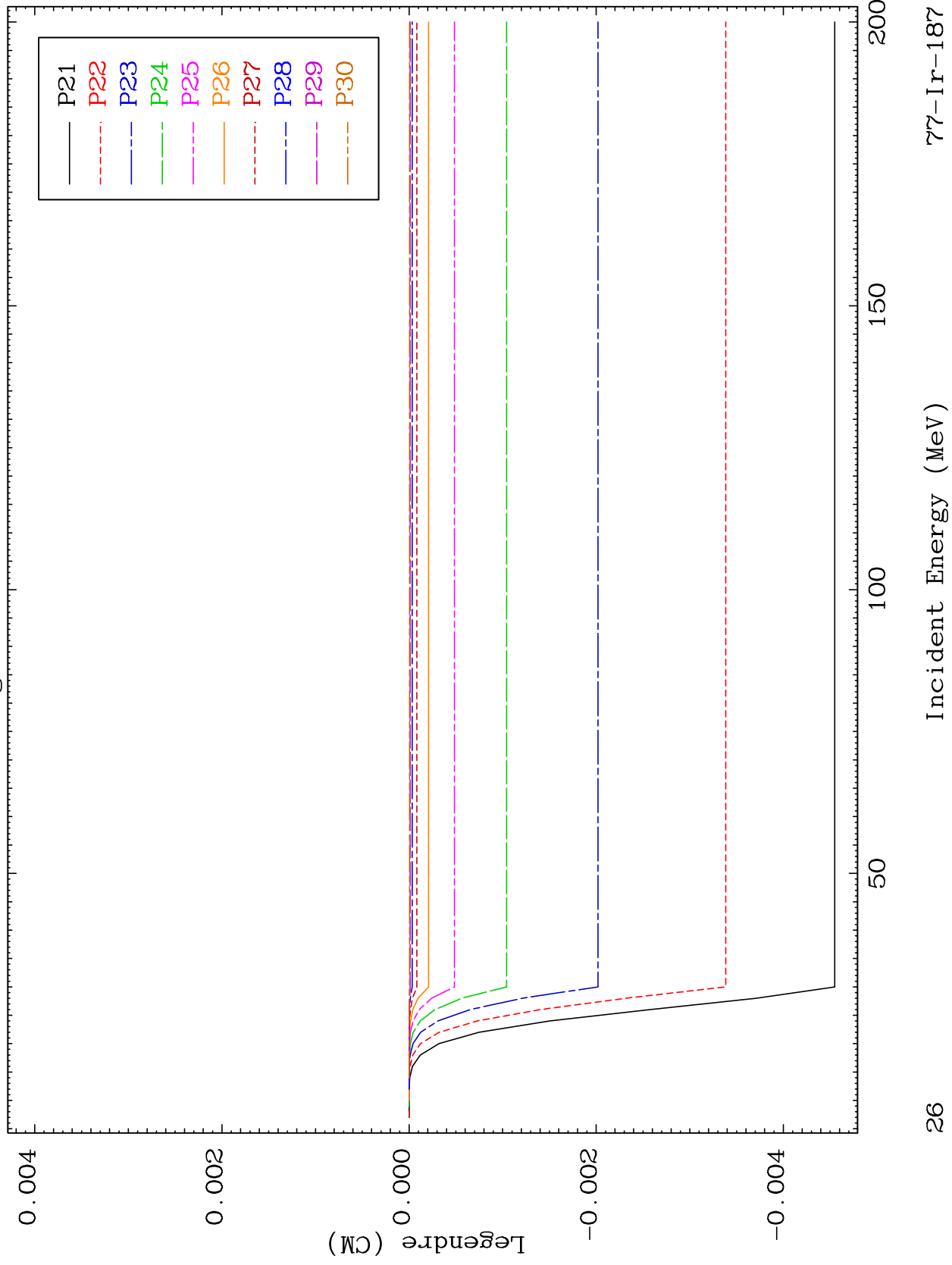
Incident Energy (MeV)

25

MAT 7713

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

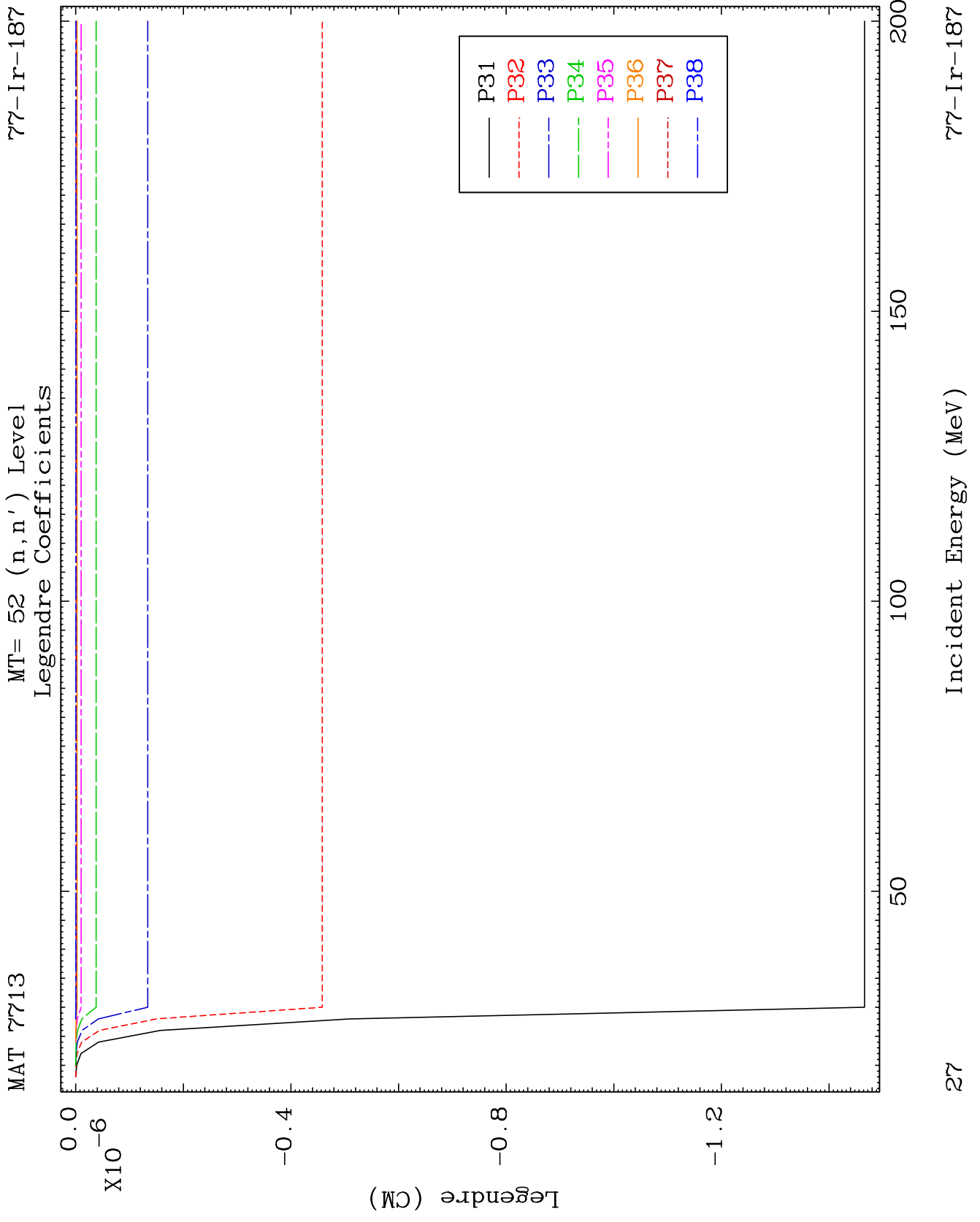
77-Ir-187



26

Incident Energy (MeV)

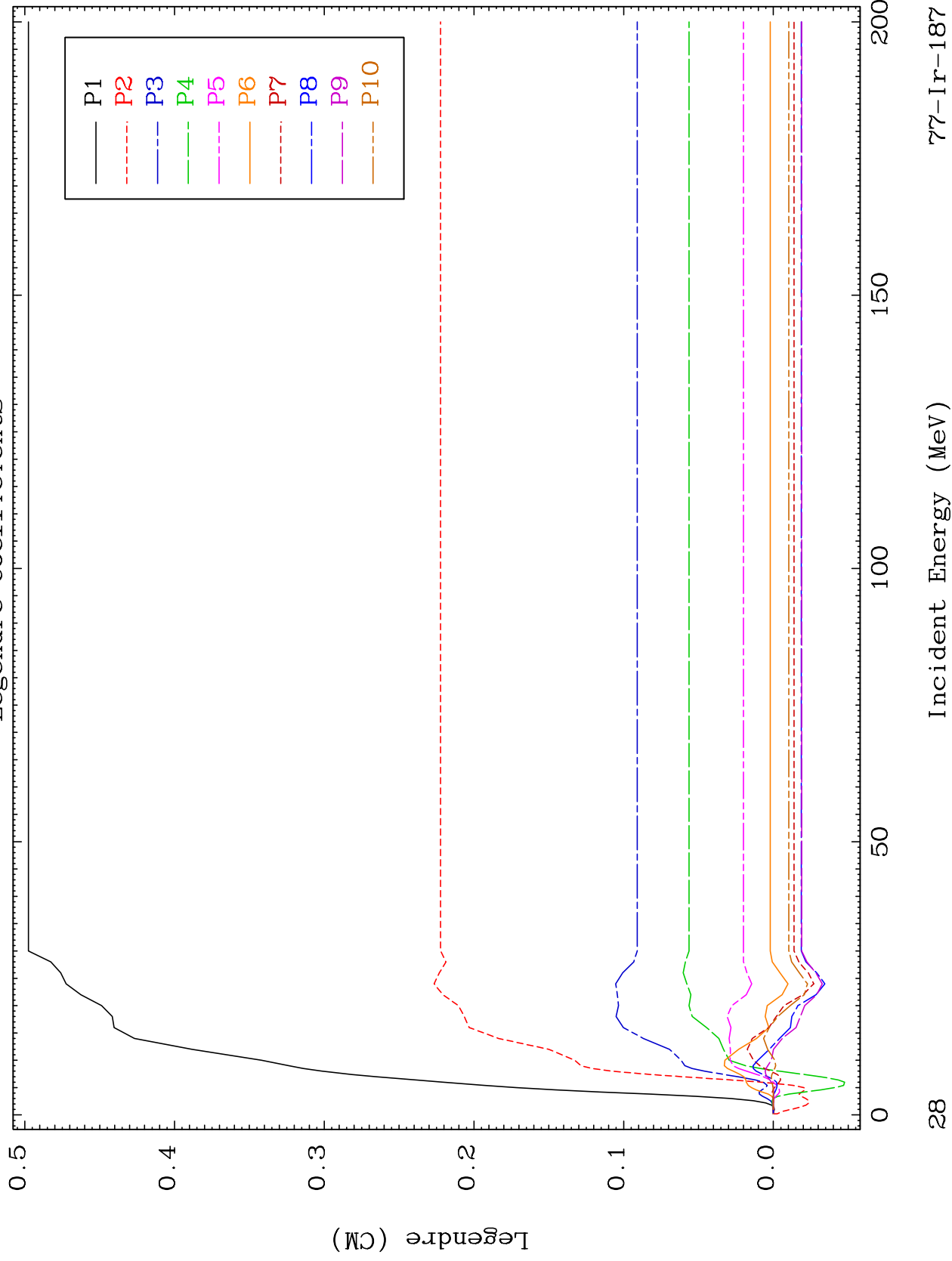
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

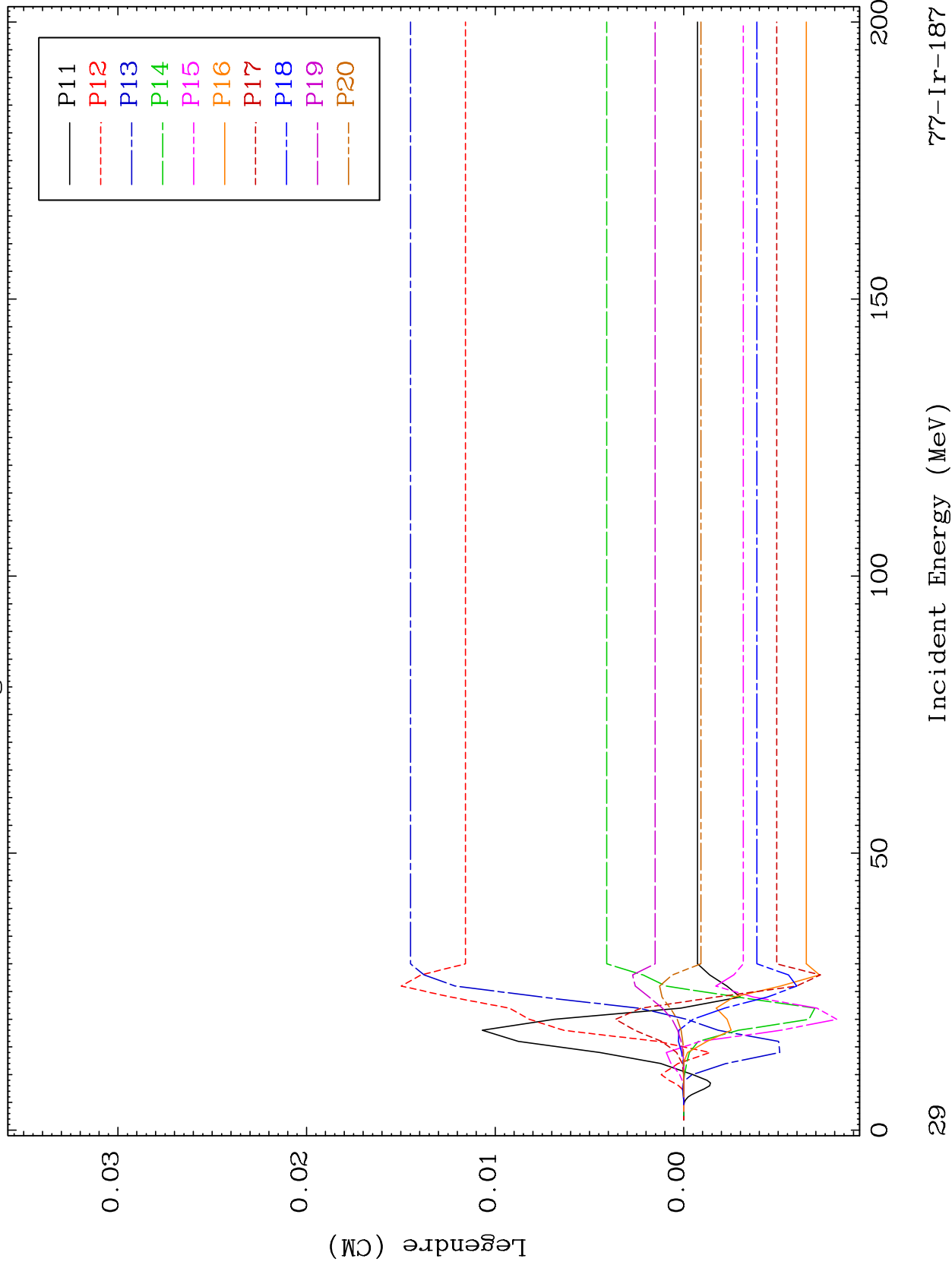
Incident Energy (MeV)

28

MAT 7713

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

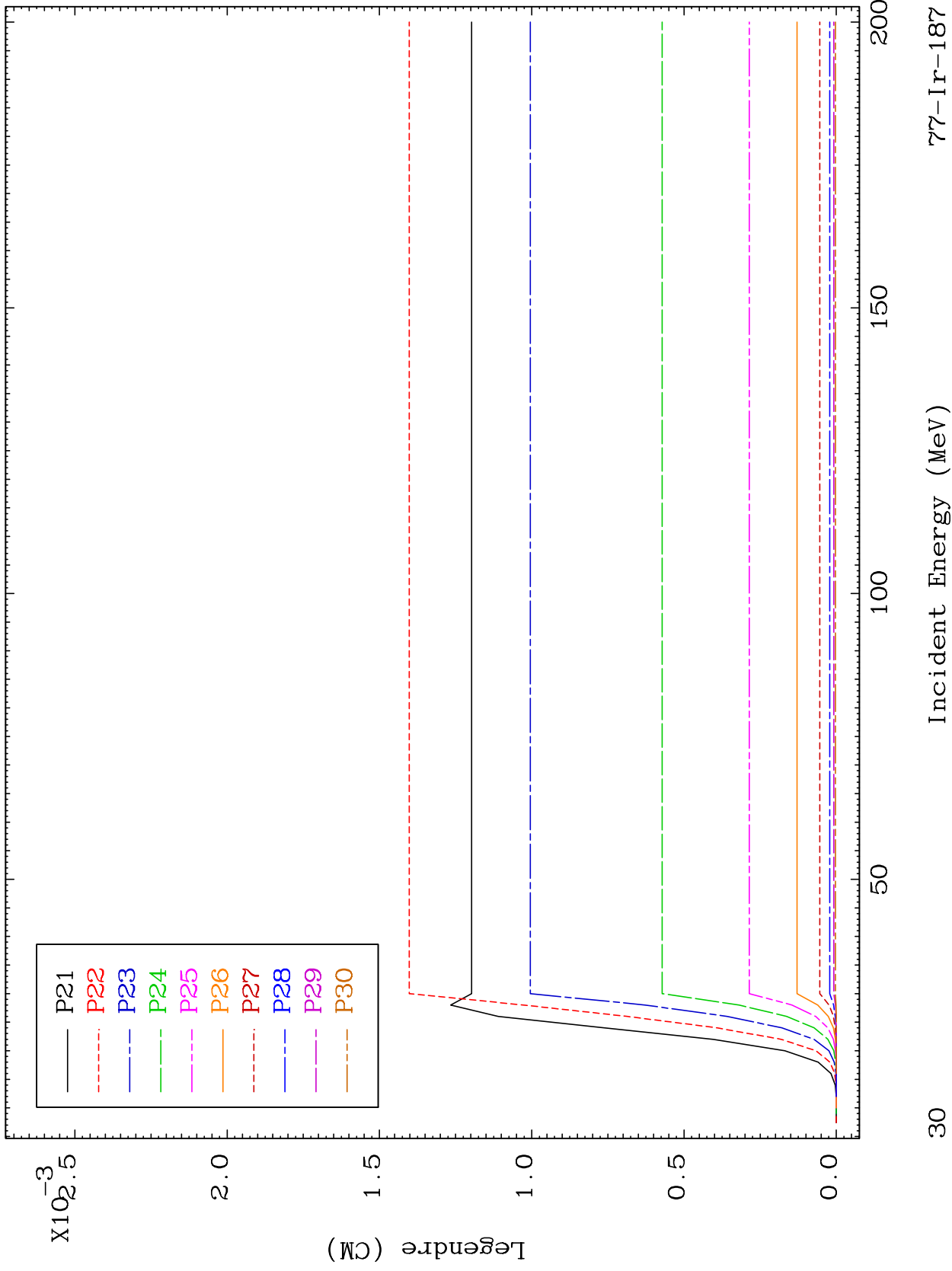
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

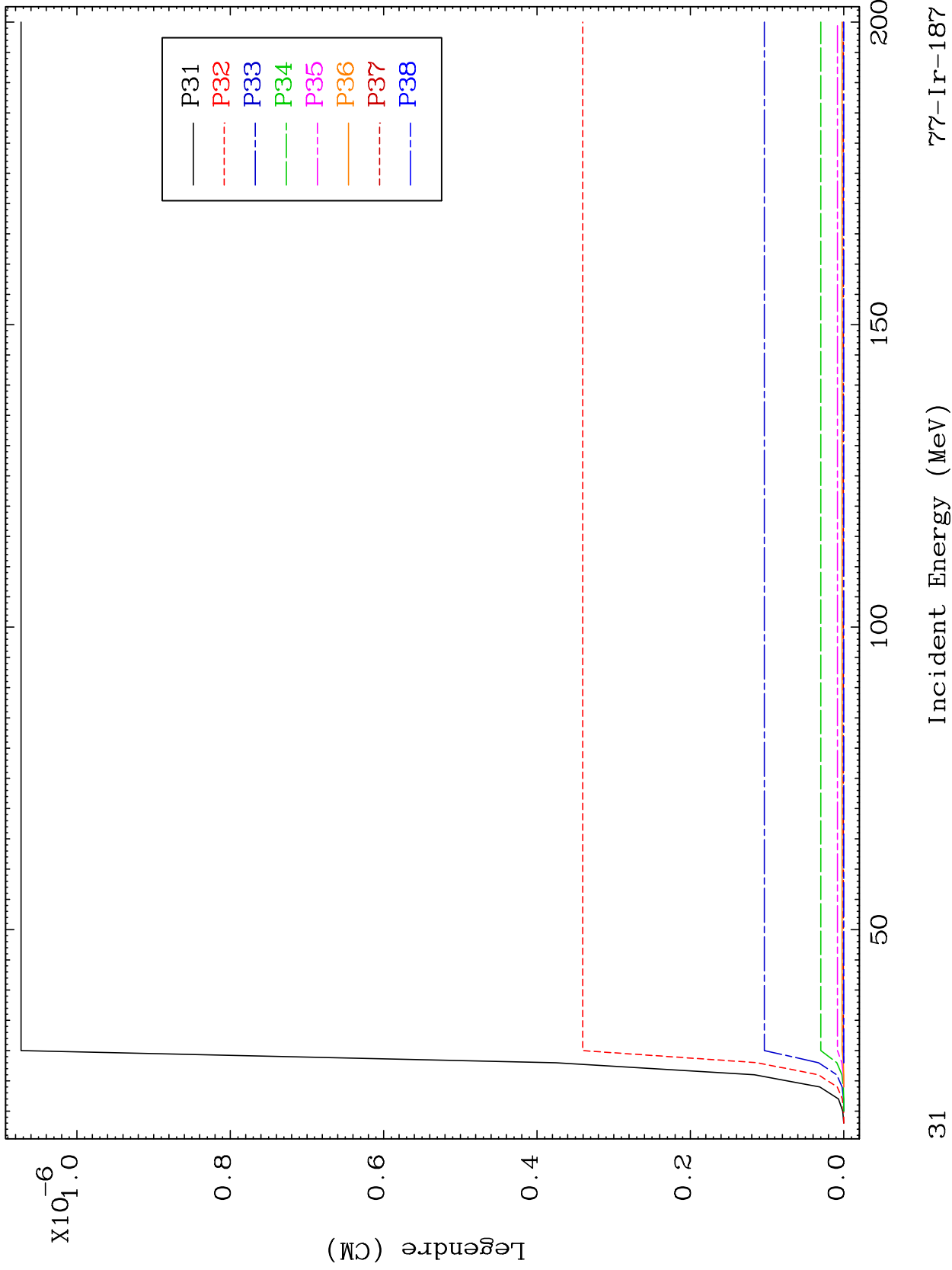
Incident Energy (MeV)

30

MAT 7713

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

77-Ir-187



31

Incident Energy (MeV)

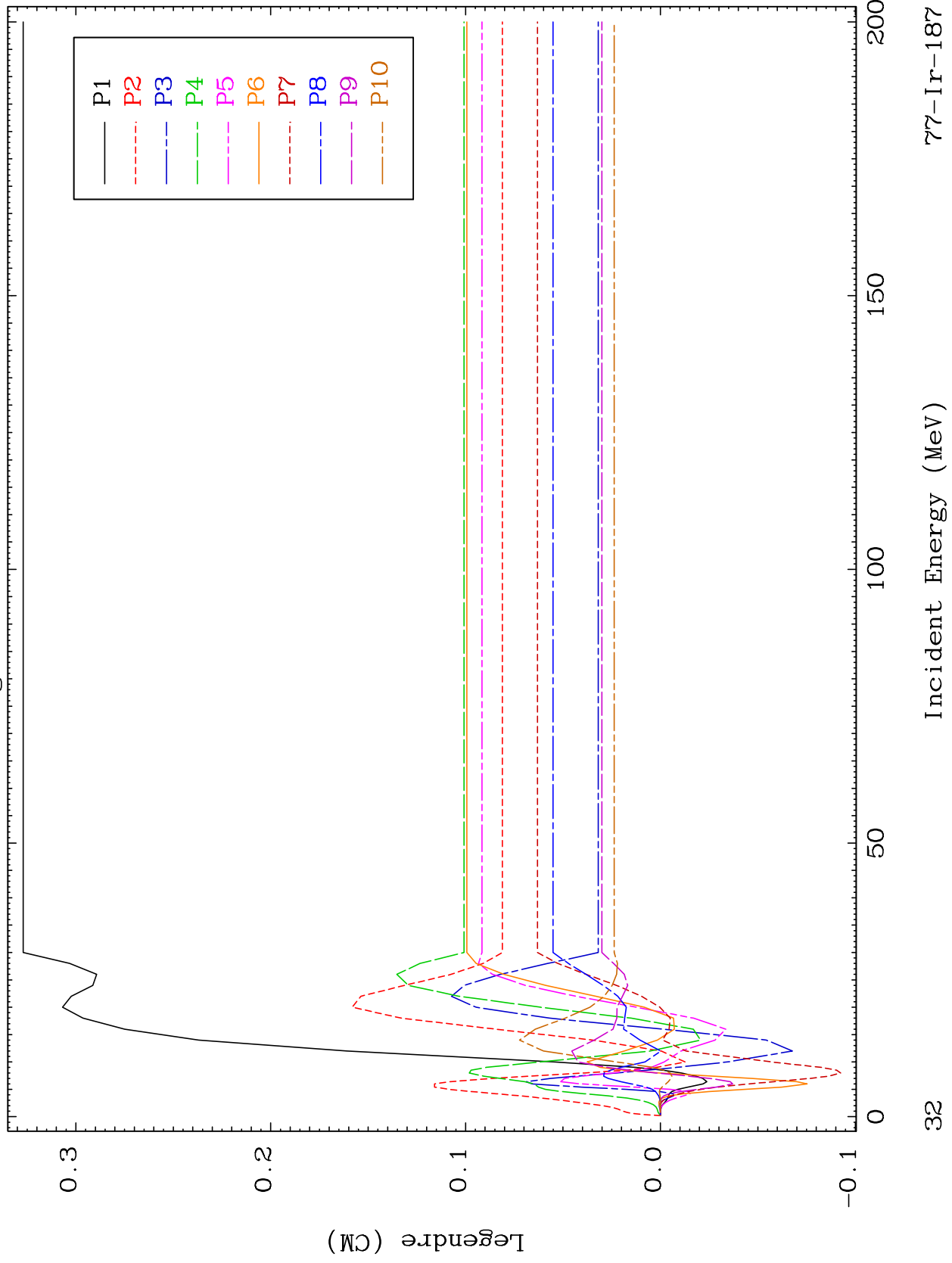
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

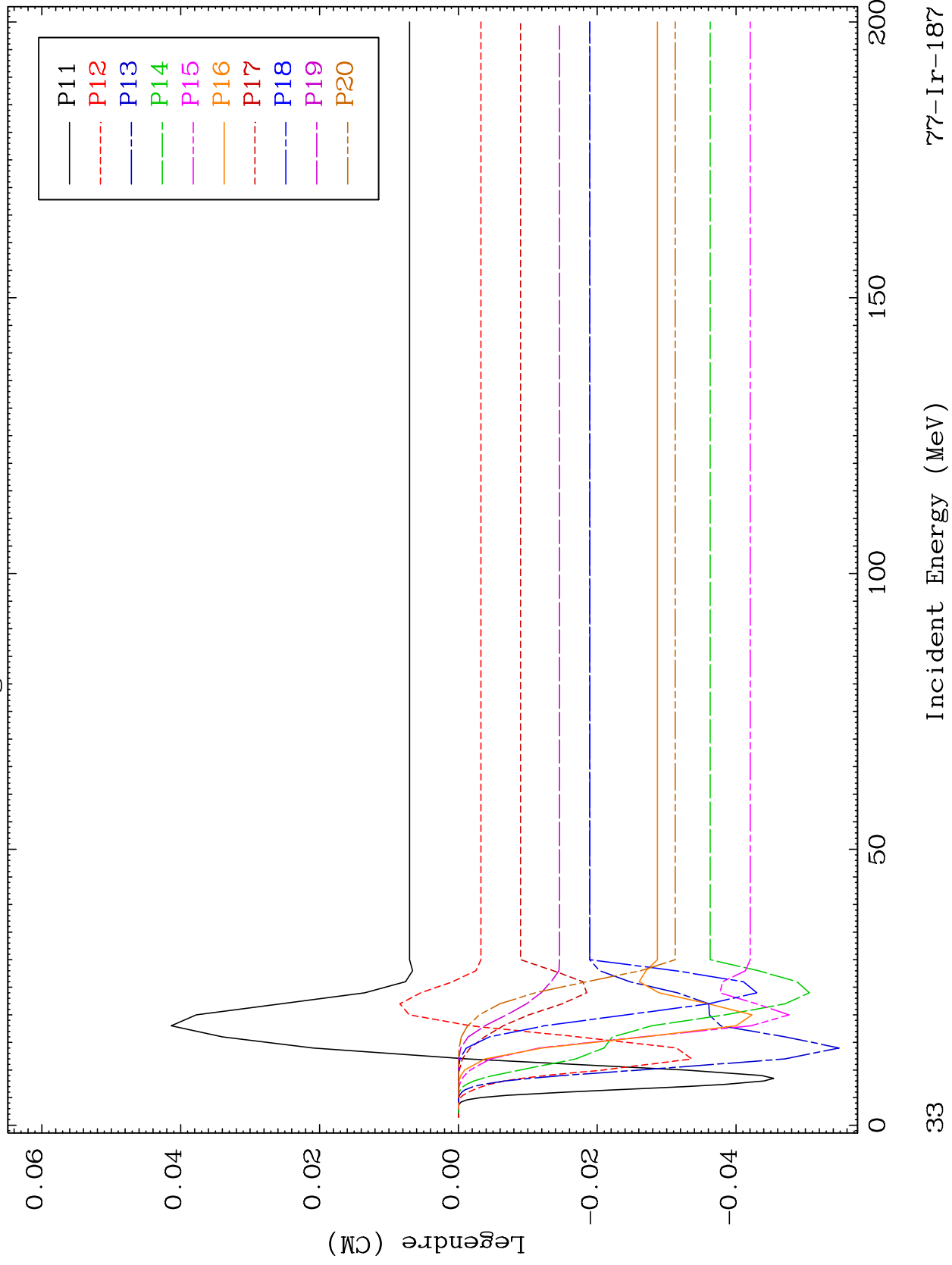
Incident Energy (MeV)

32

MAT 7713

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

77-Ir-187



77-Ir-187

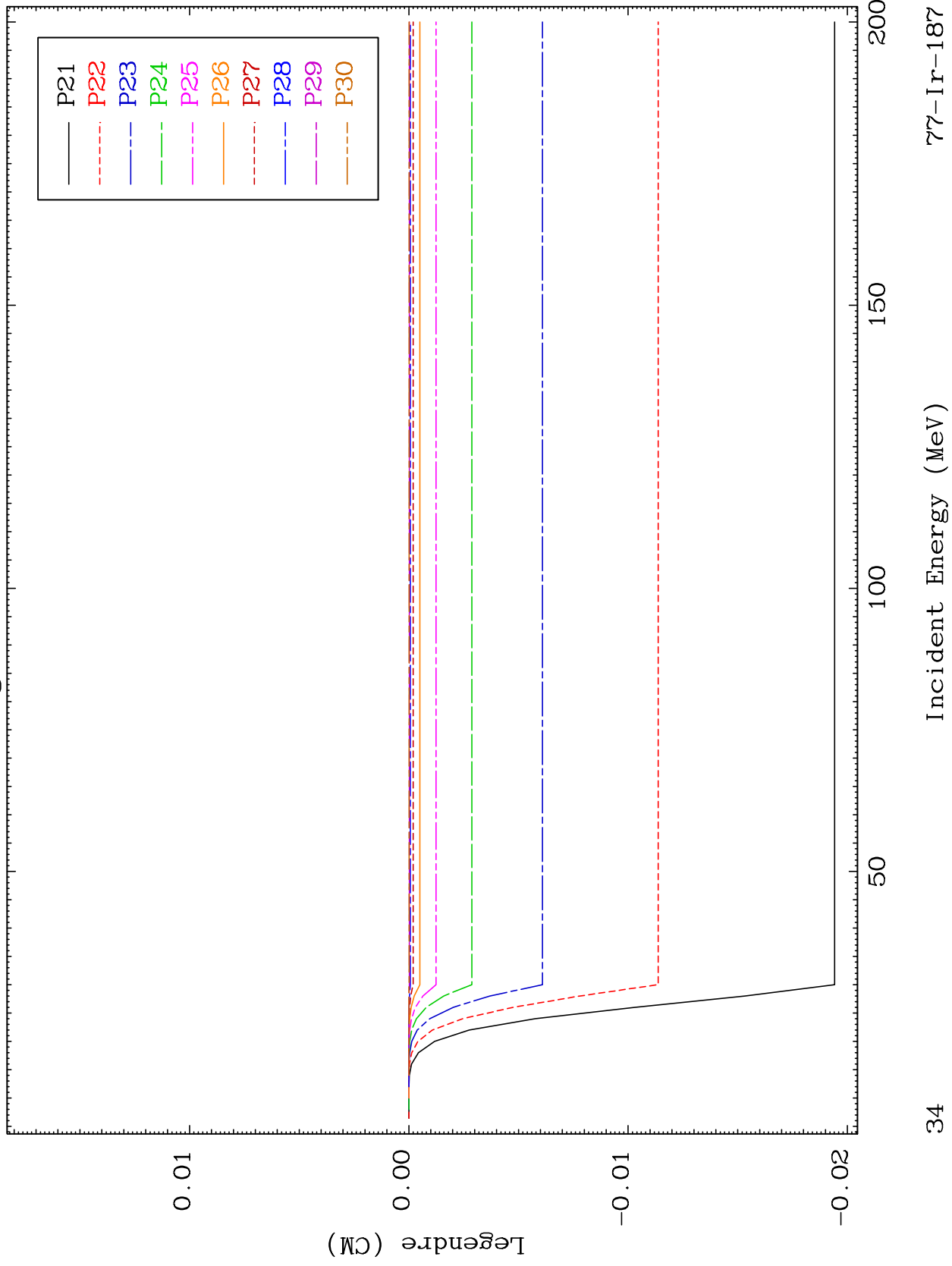
Incident Energy (MeV)

33

MAT 7713

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

77-Ir-187



34

Incident Energy (MeV)

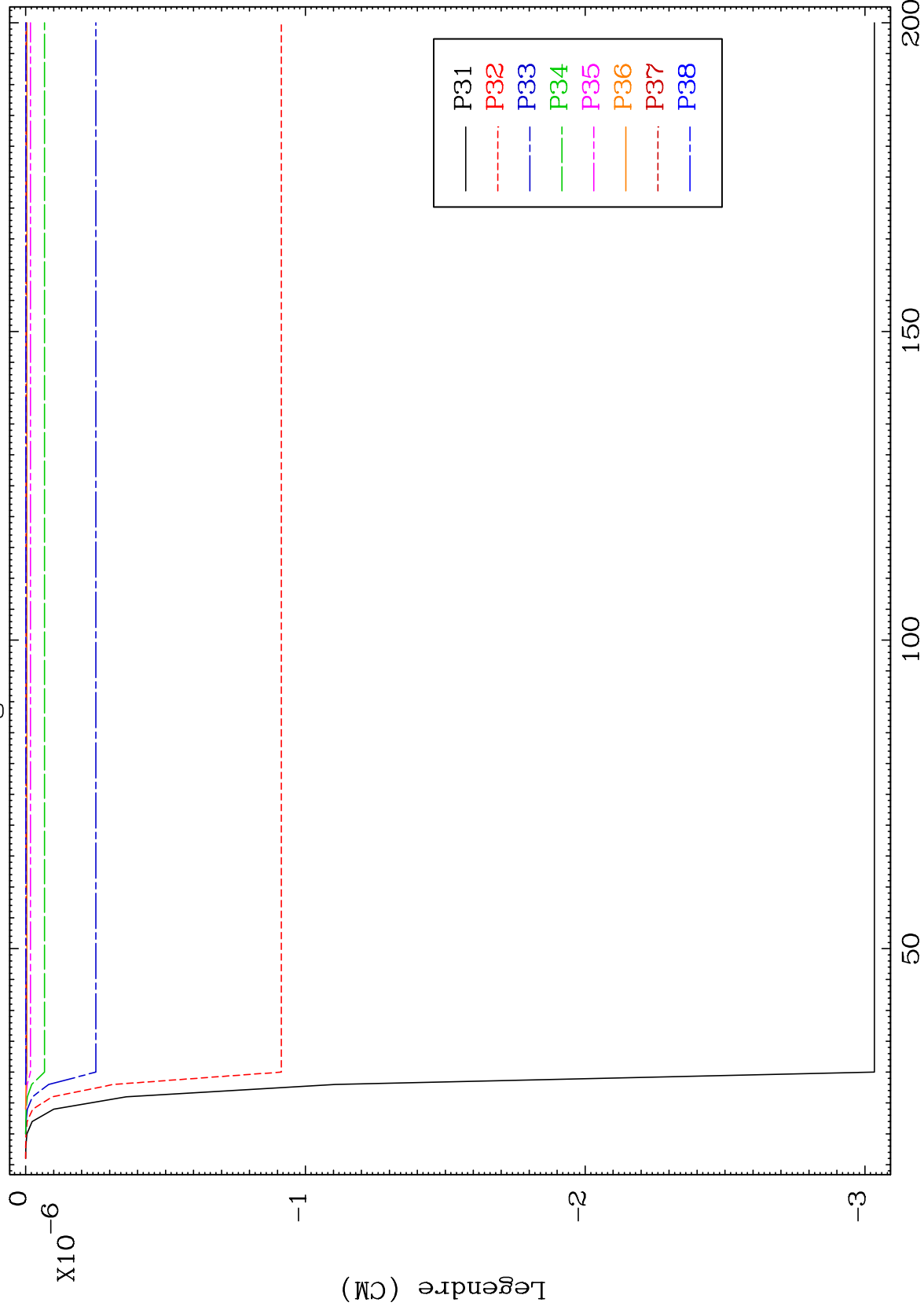
77-Ir-187

MAT 7713

MT= 54 (n,n') Level

77-Ir-187

Legendre Coefficients



35

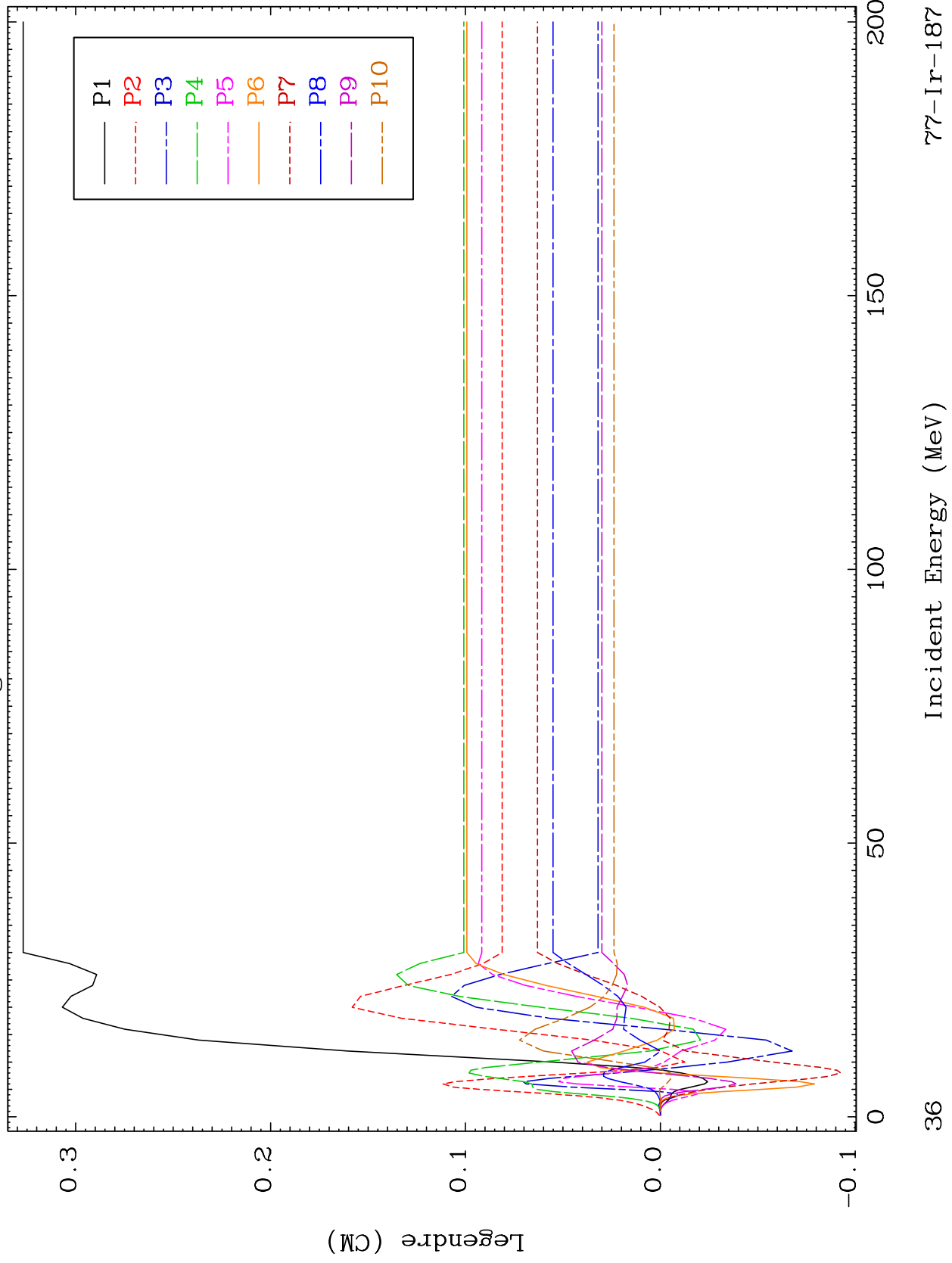
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

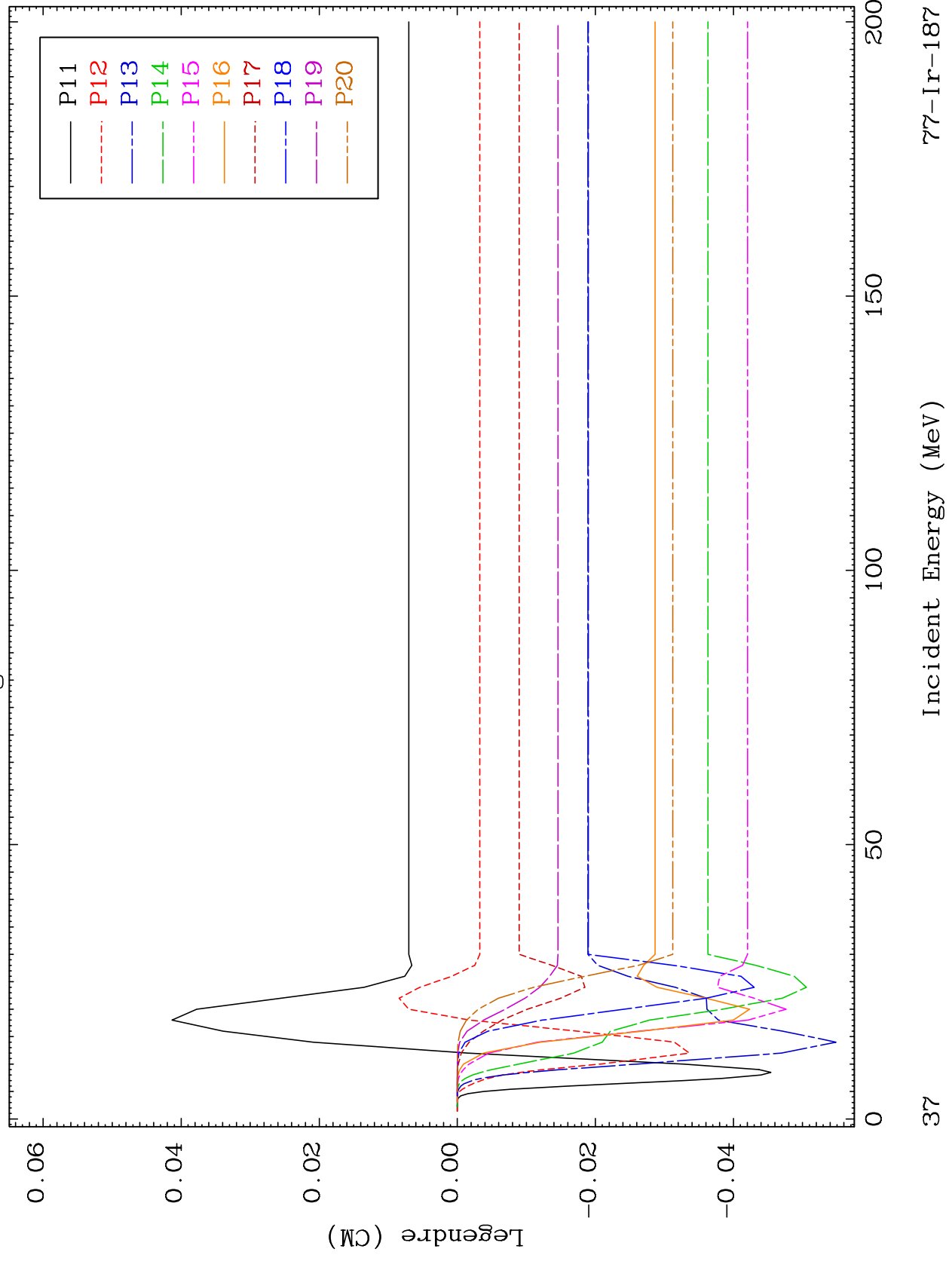
Incident Energy (MeV)

36

MAT 7713

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

77-Ir-187



37

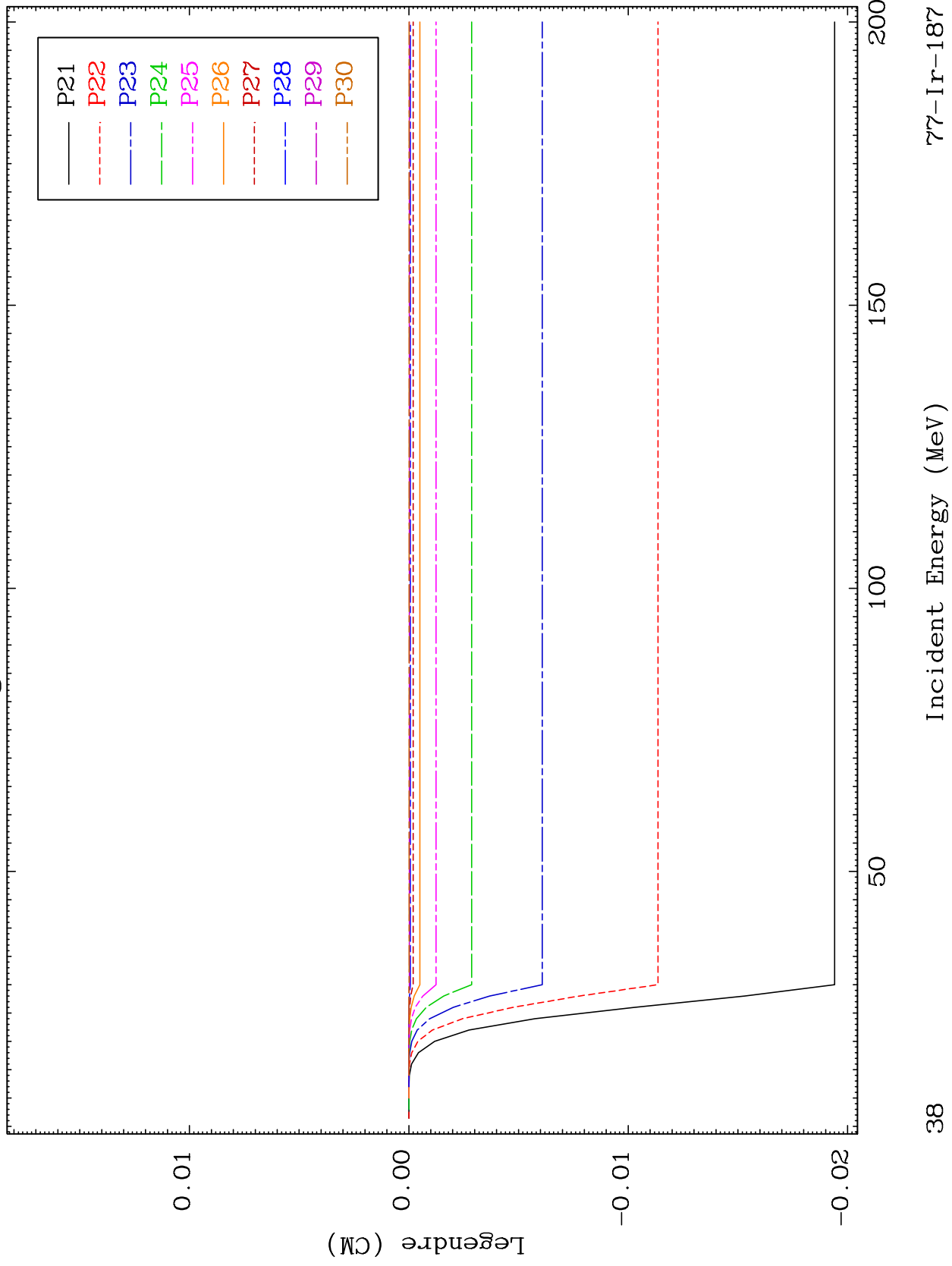
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



38

Incident Energy (MeV)

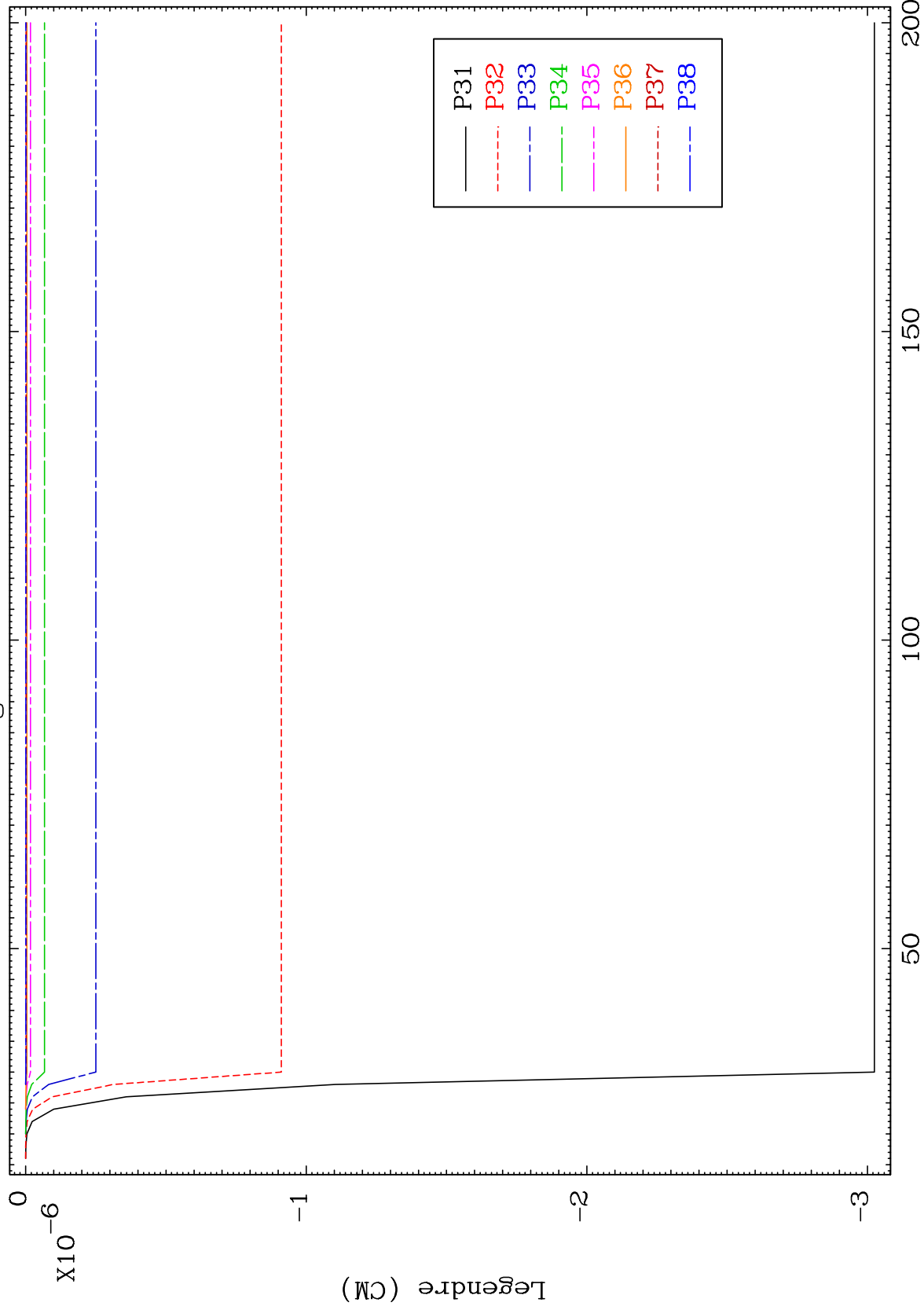
77-Ir-187

MAT 7713

MT= 55 (n,n') Level

77-Ir-187

Legendre Coefficients

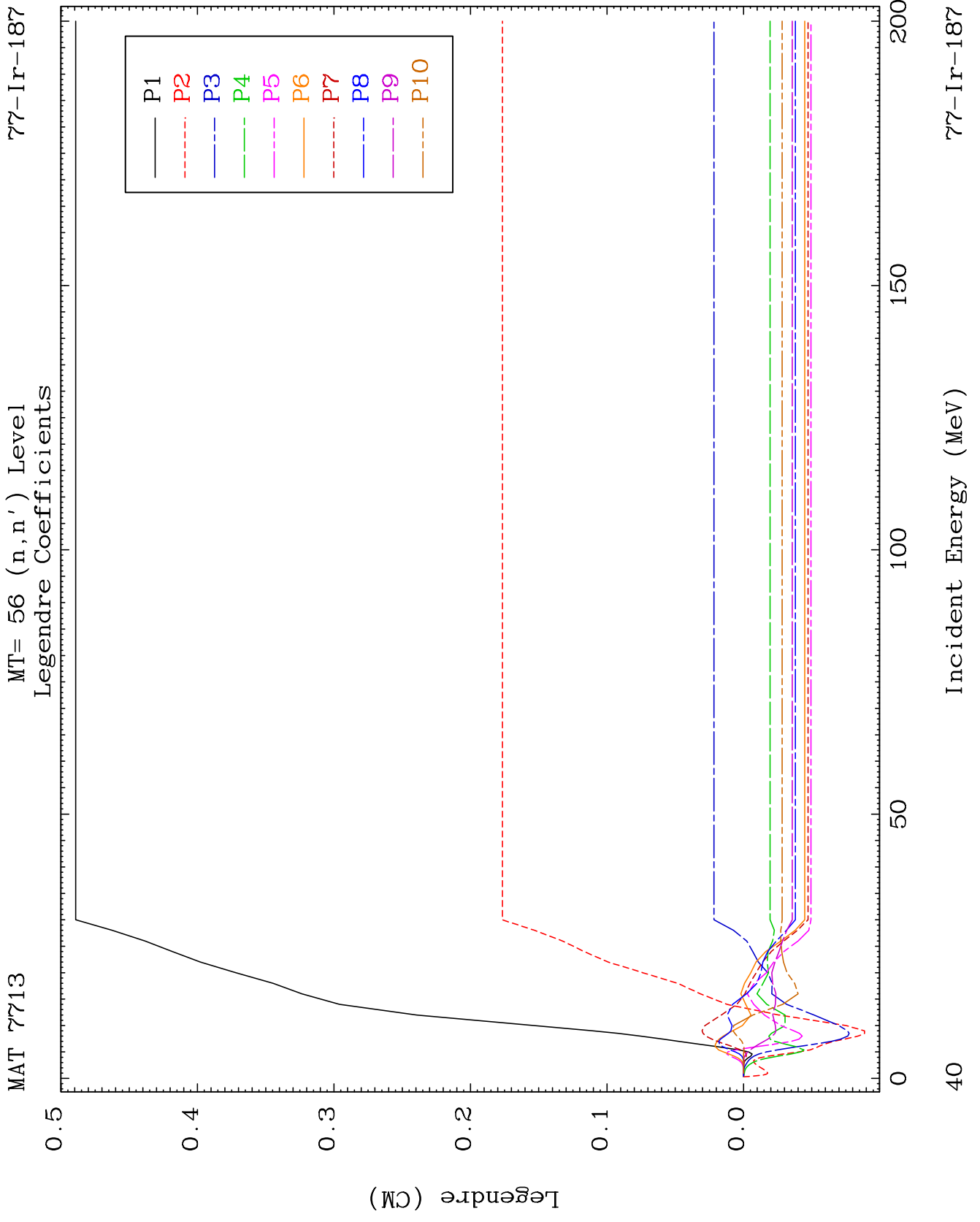


39

Incident Energy (MeV)

77-Ir-187

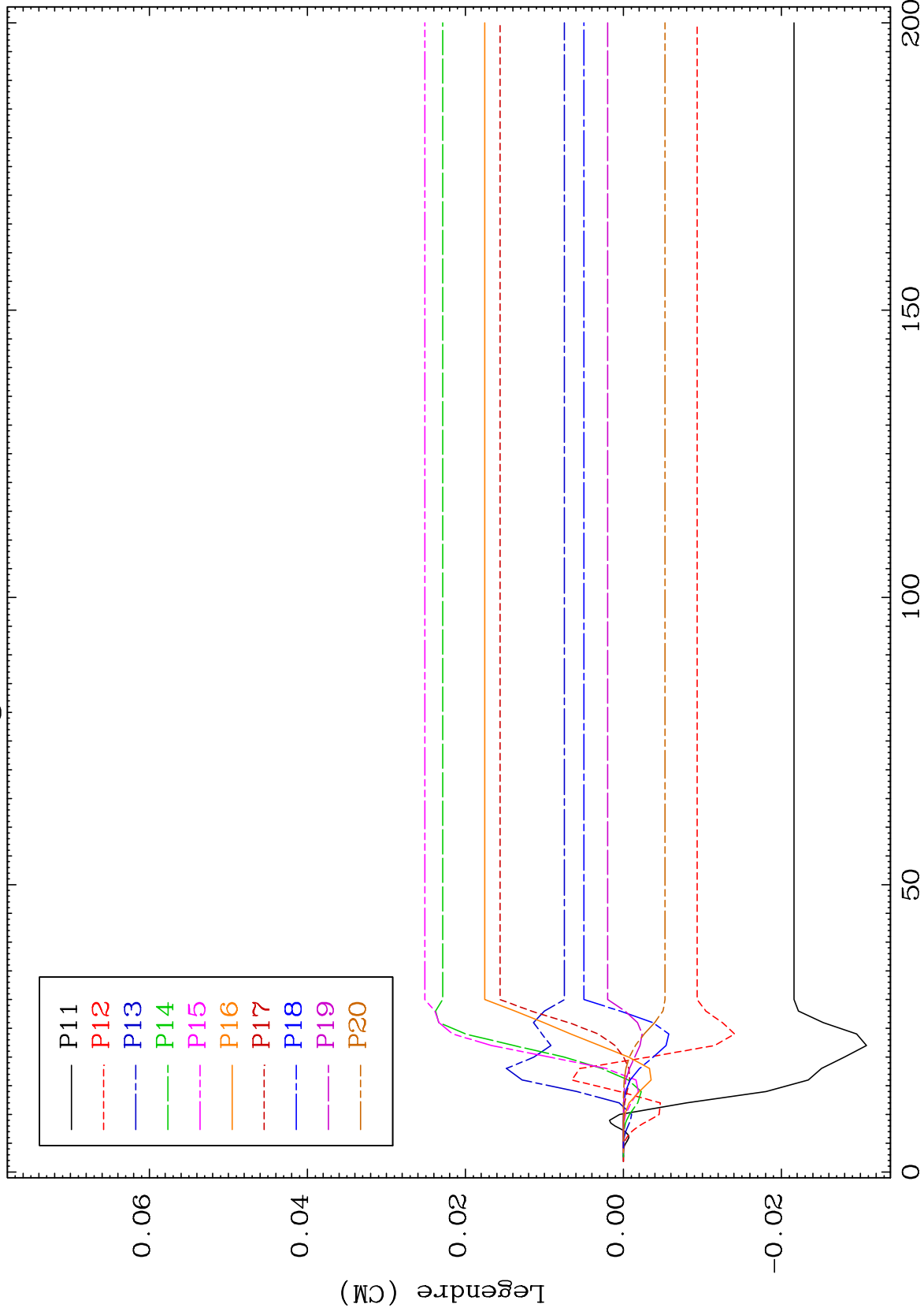




MAT 7713

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

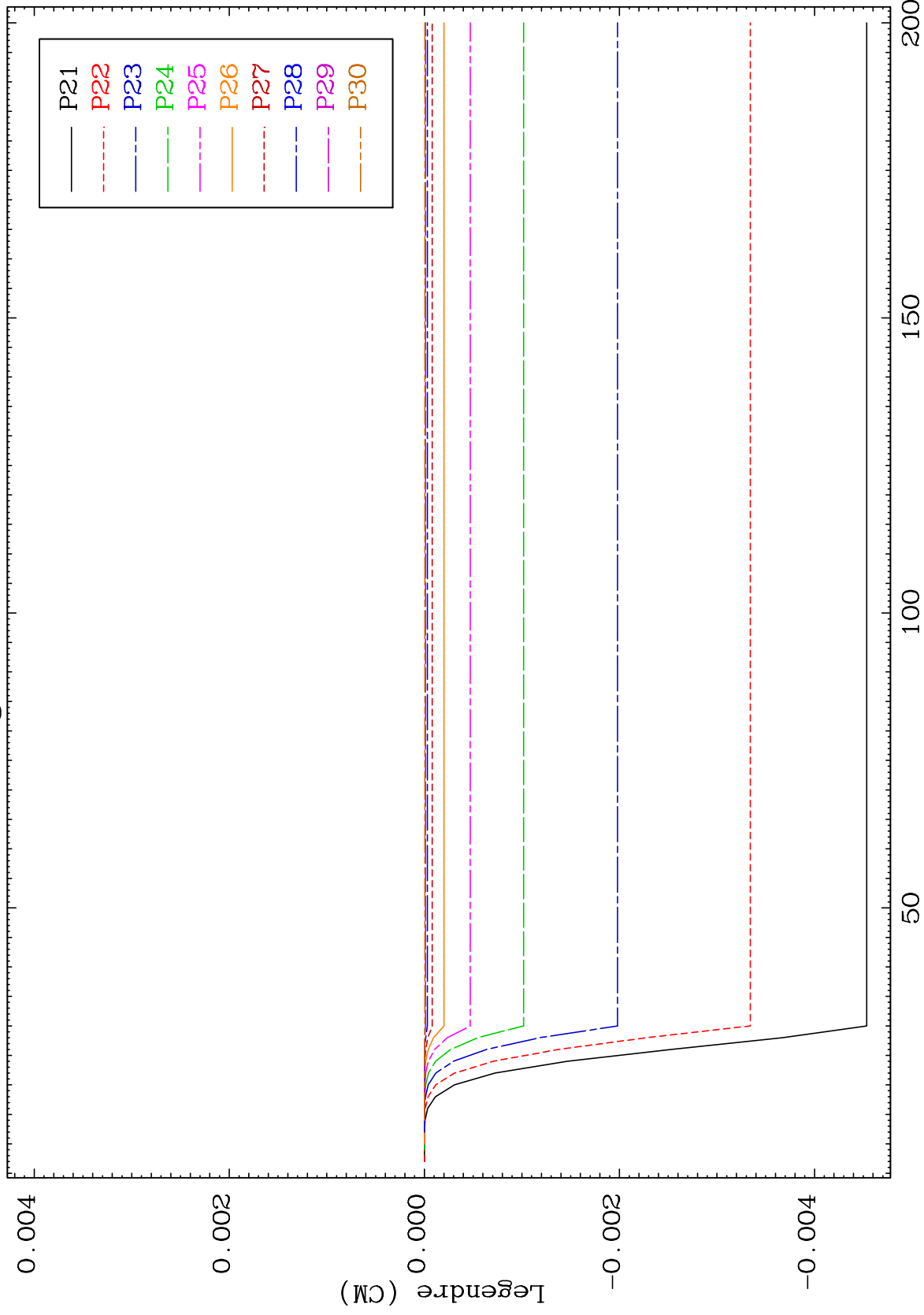
77-Ir-187



MAT 7713

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

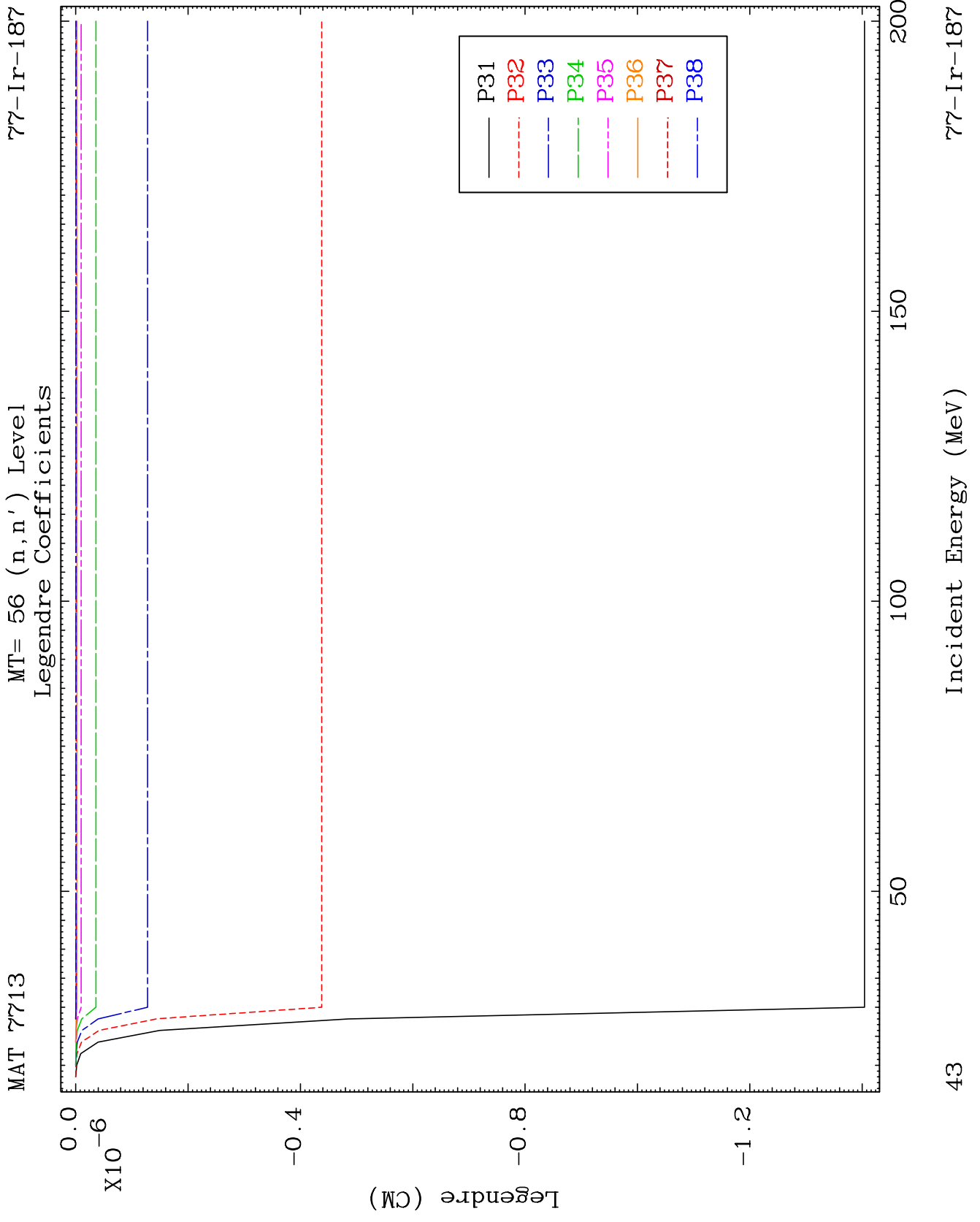
77-Ir-187



42

Incident Energy (MeV)

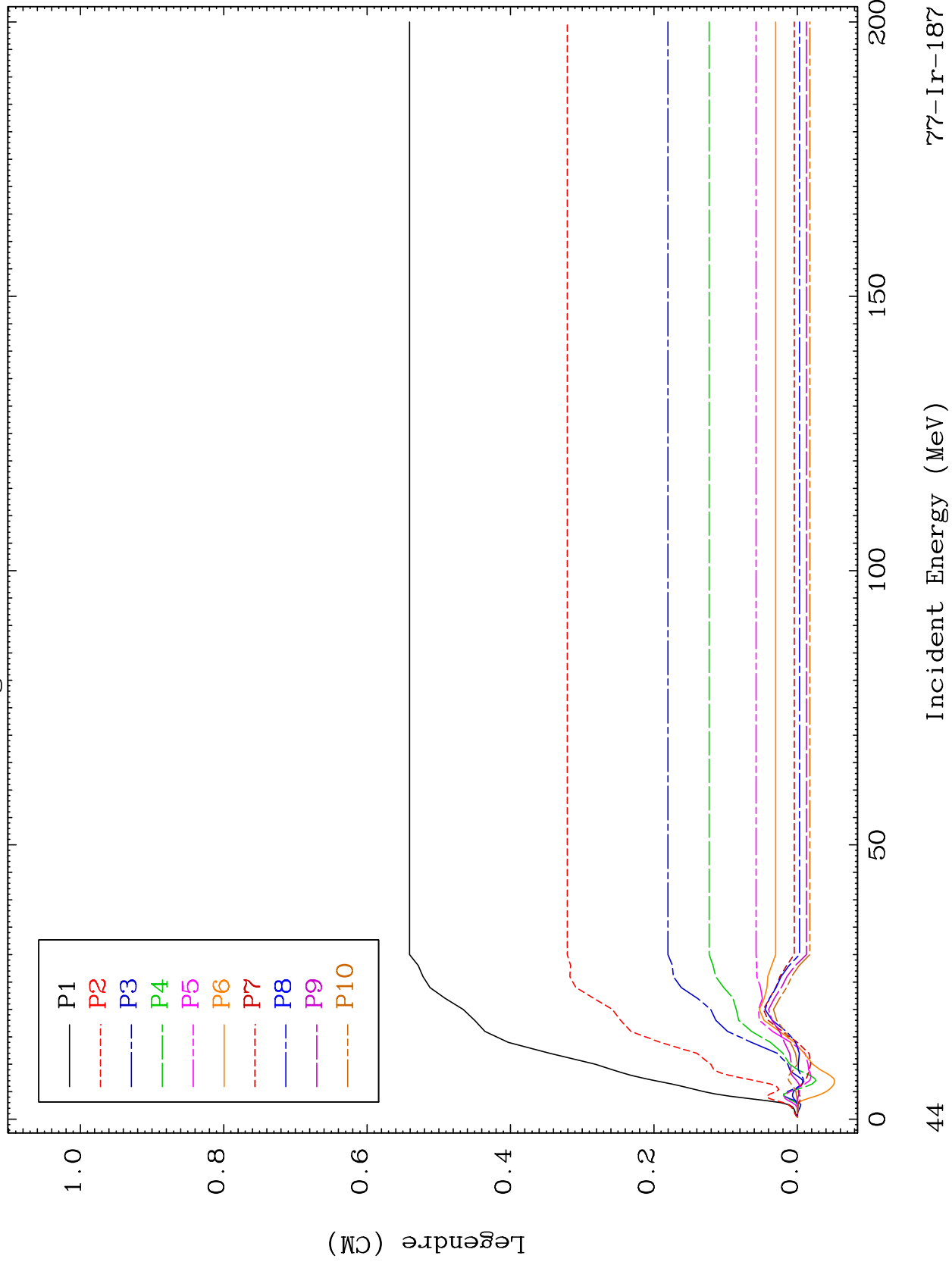
77-Ir-187



MAT 7713

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

77-Ir-187

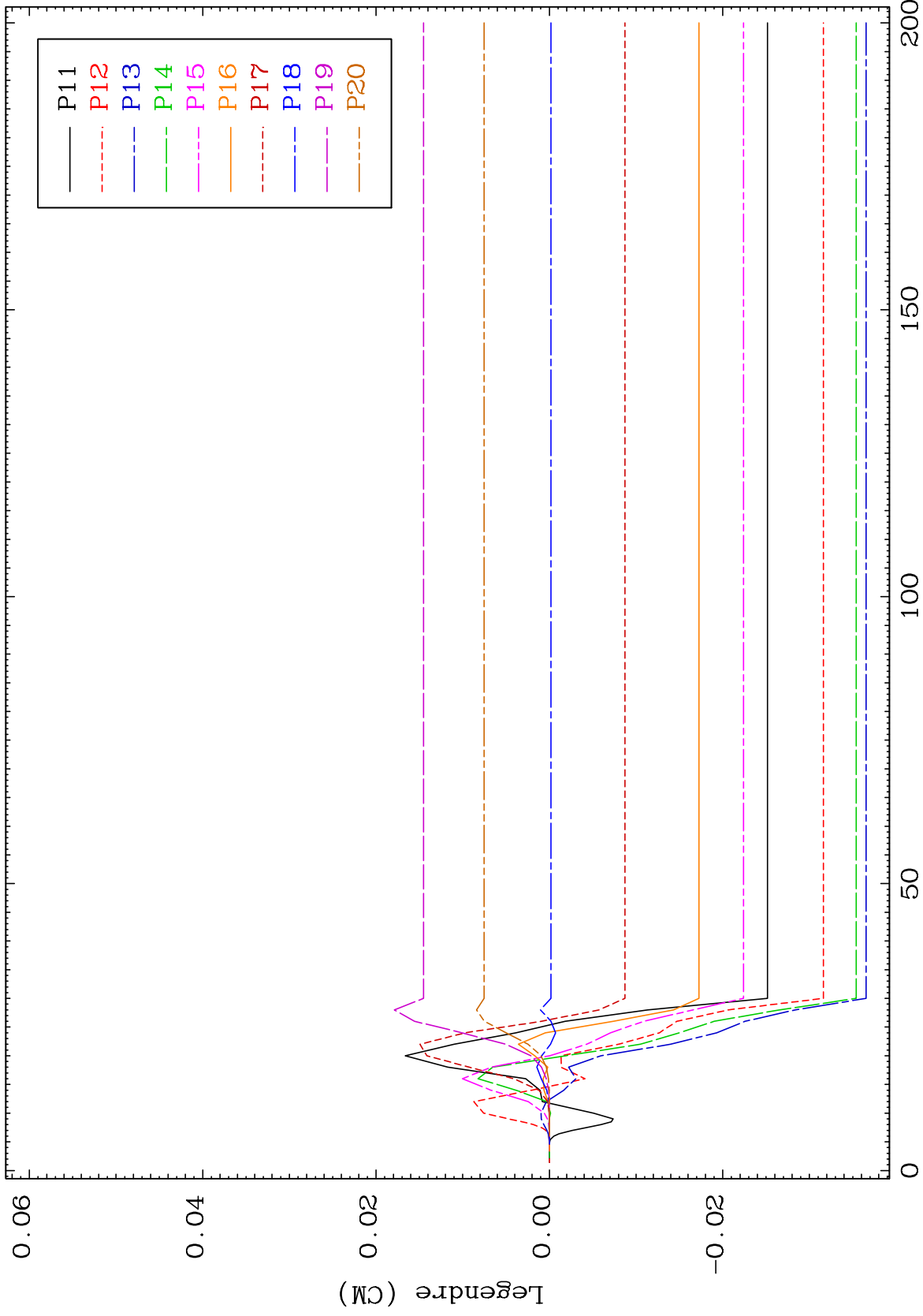


44

MAT 7713

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

77-Ir-187



45

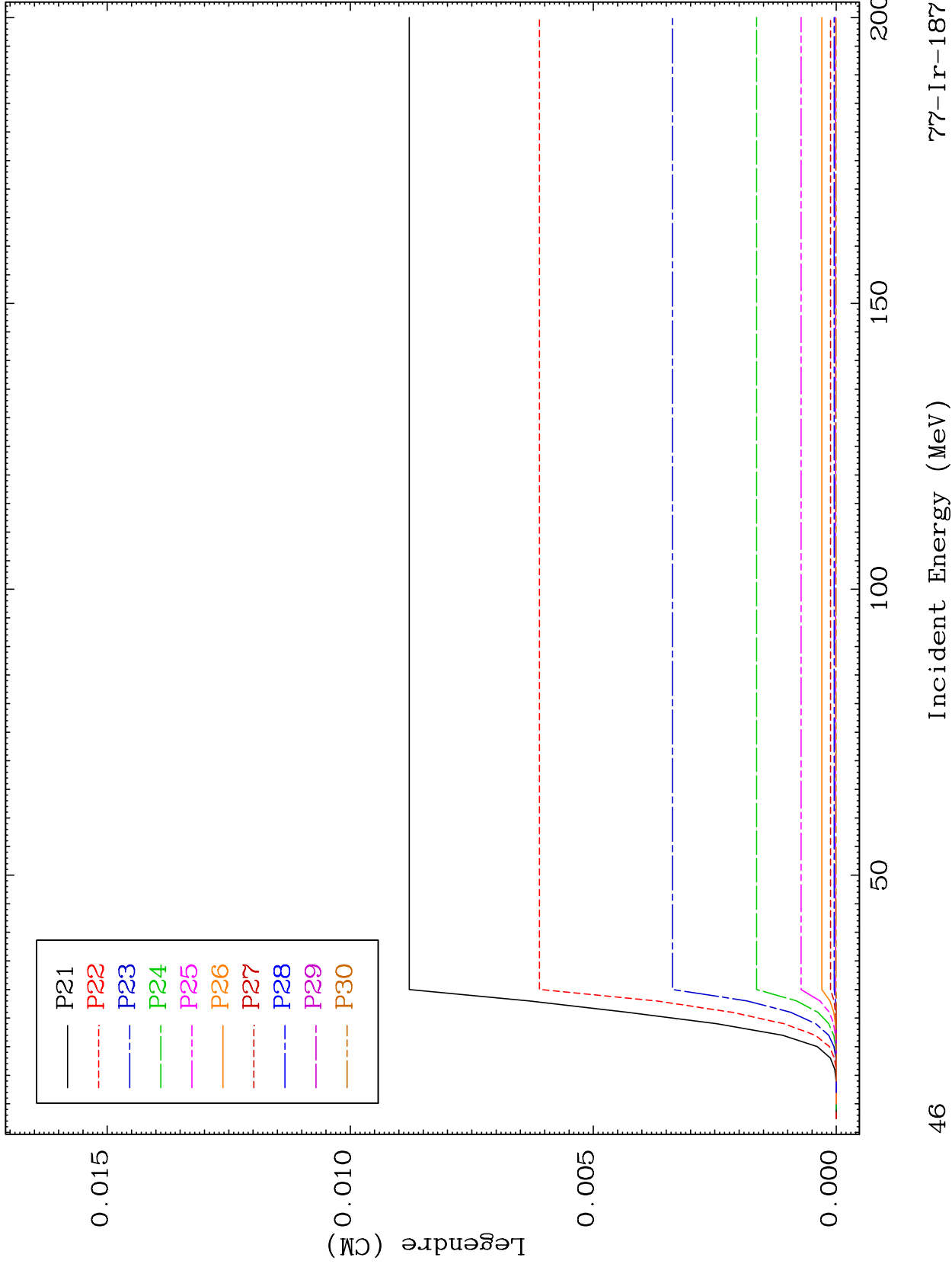
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



46

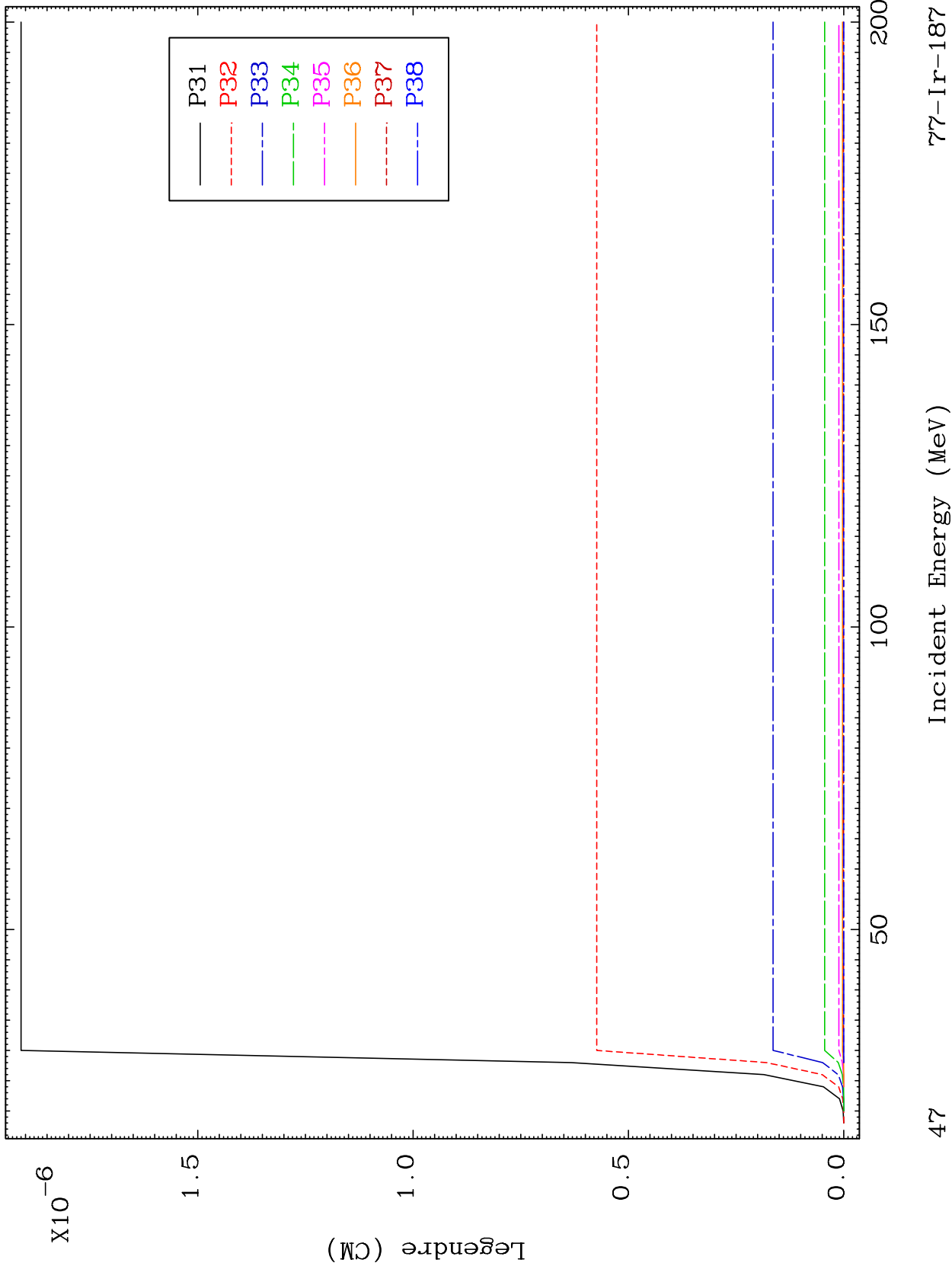
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



47

Incident Energy (MeV)

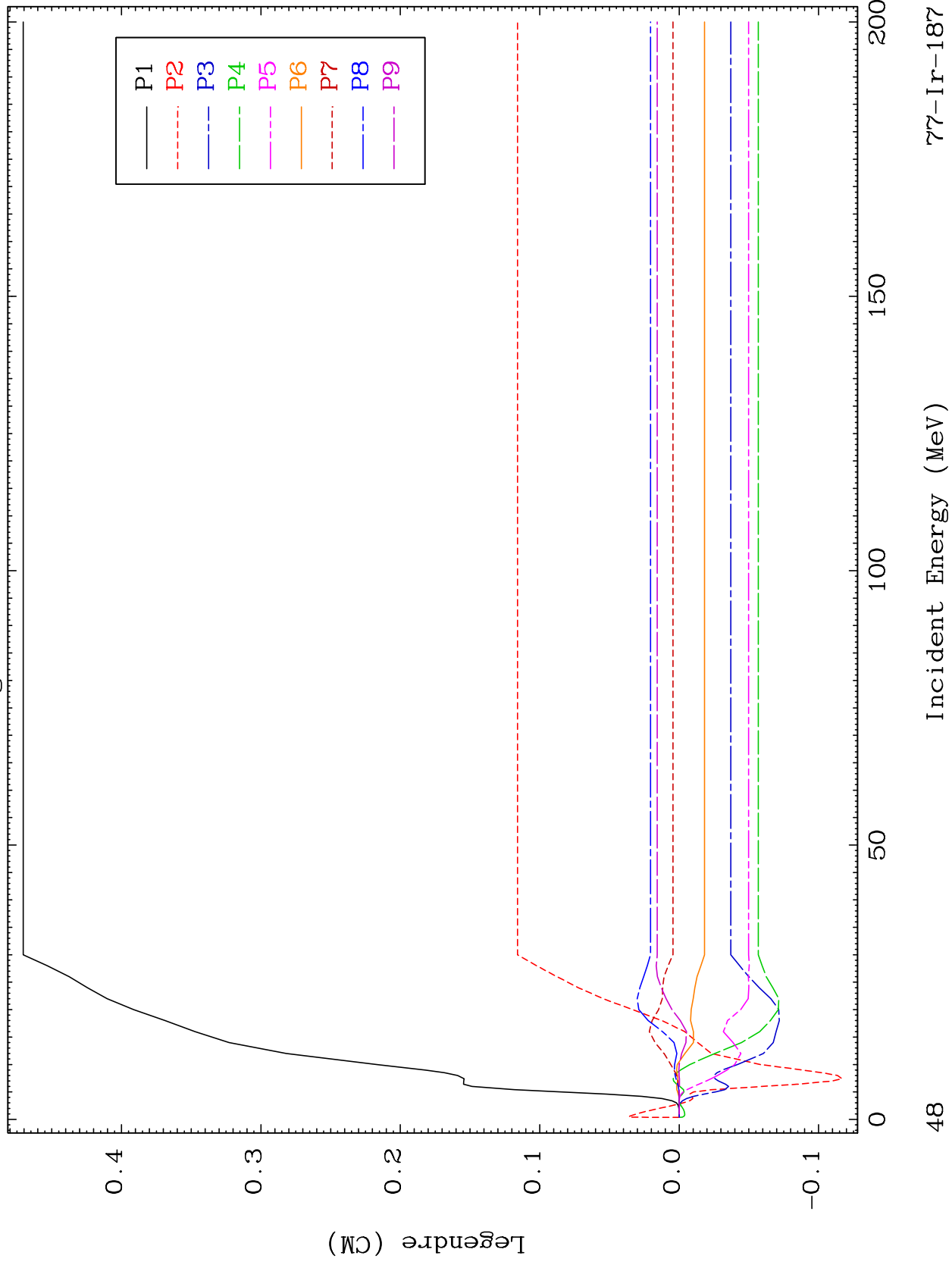
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

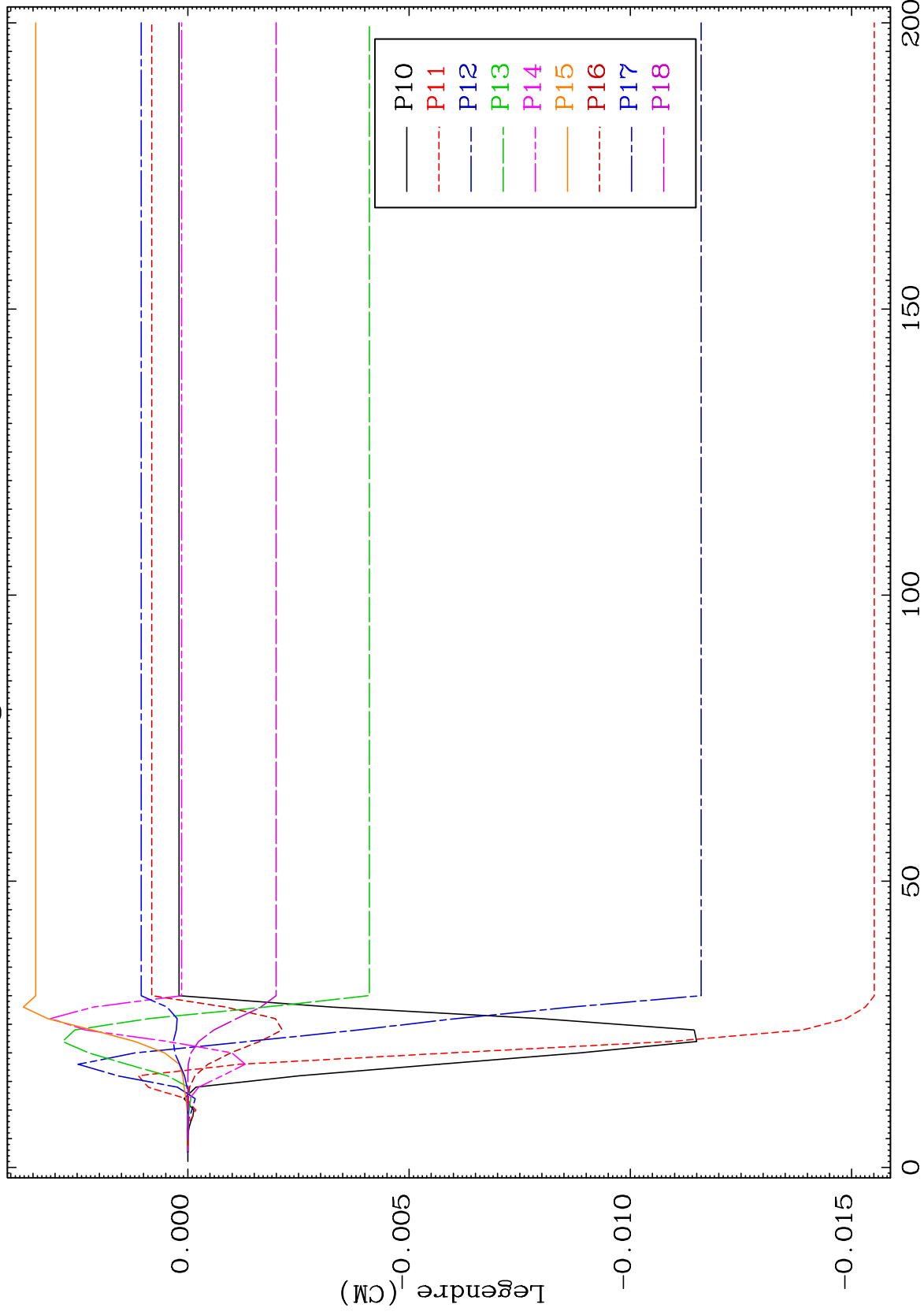
Incident Energy (MeV)

48

MAT 7713

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

77-Ir-187



49

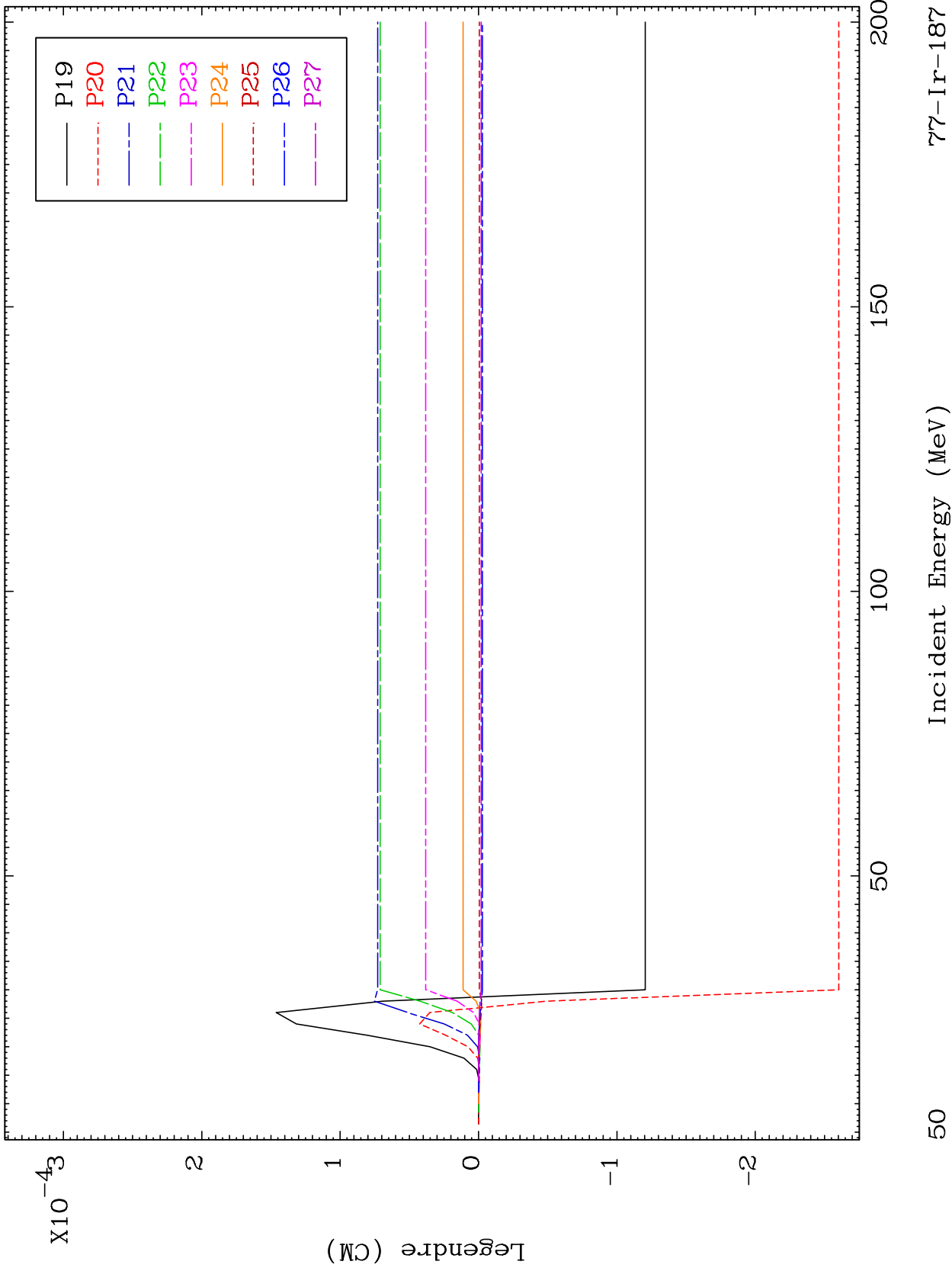
Incident Energy (MeV)

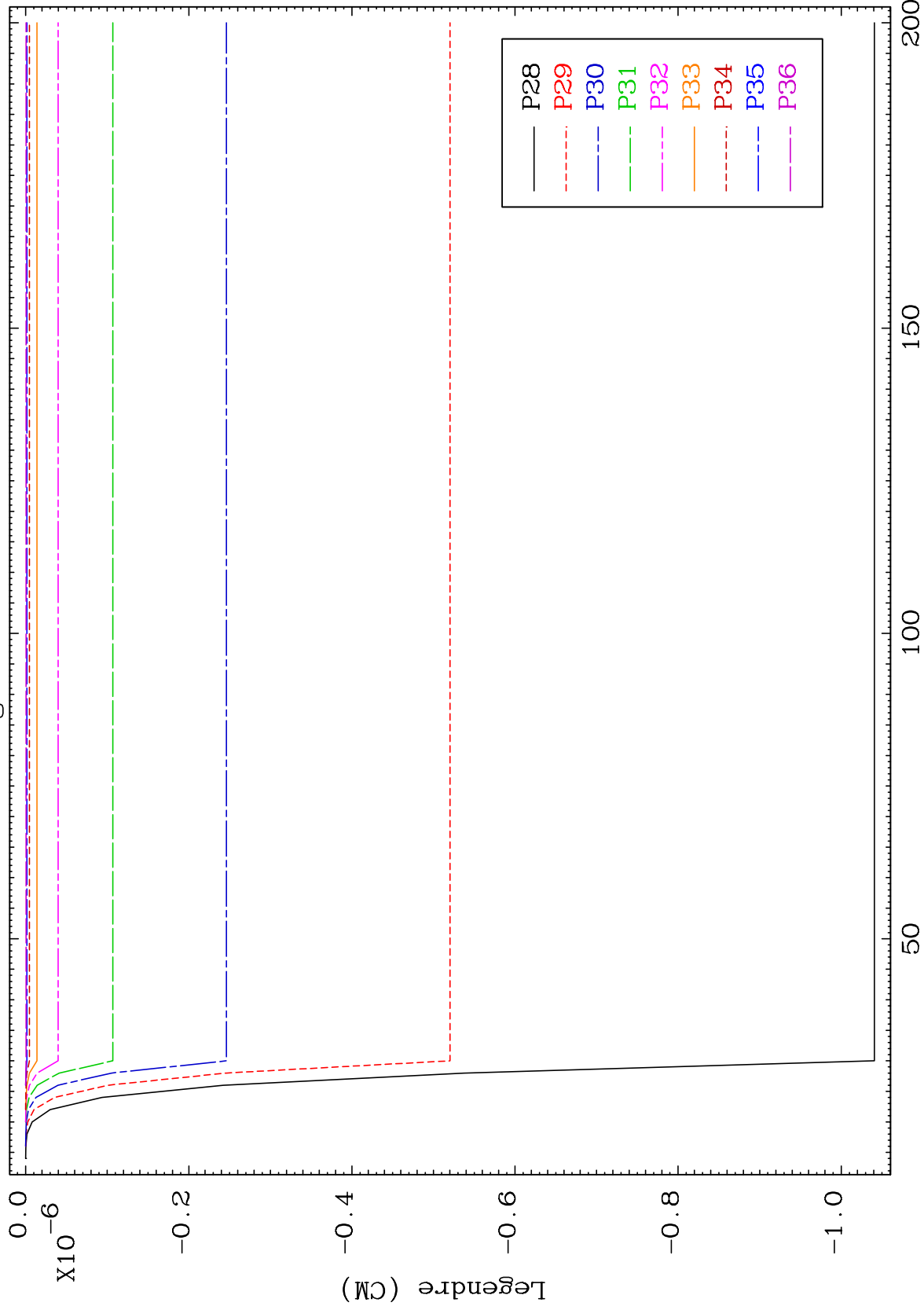
77-Ir-187

MAT 7713

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

77-Ir-187

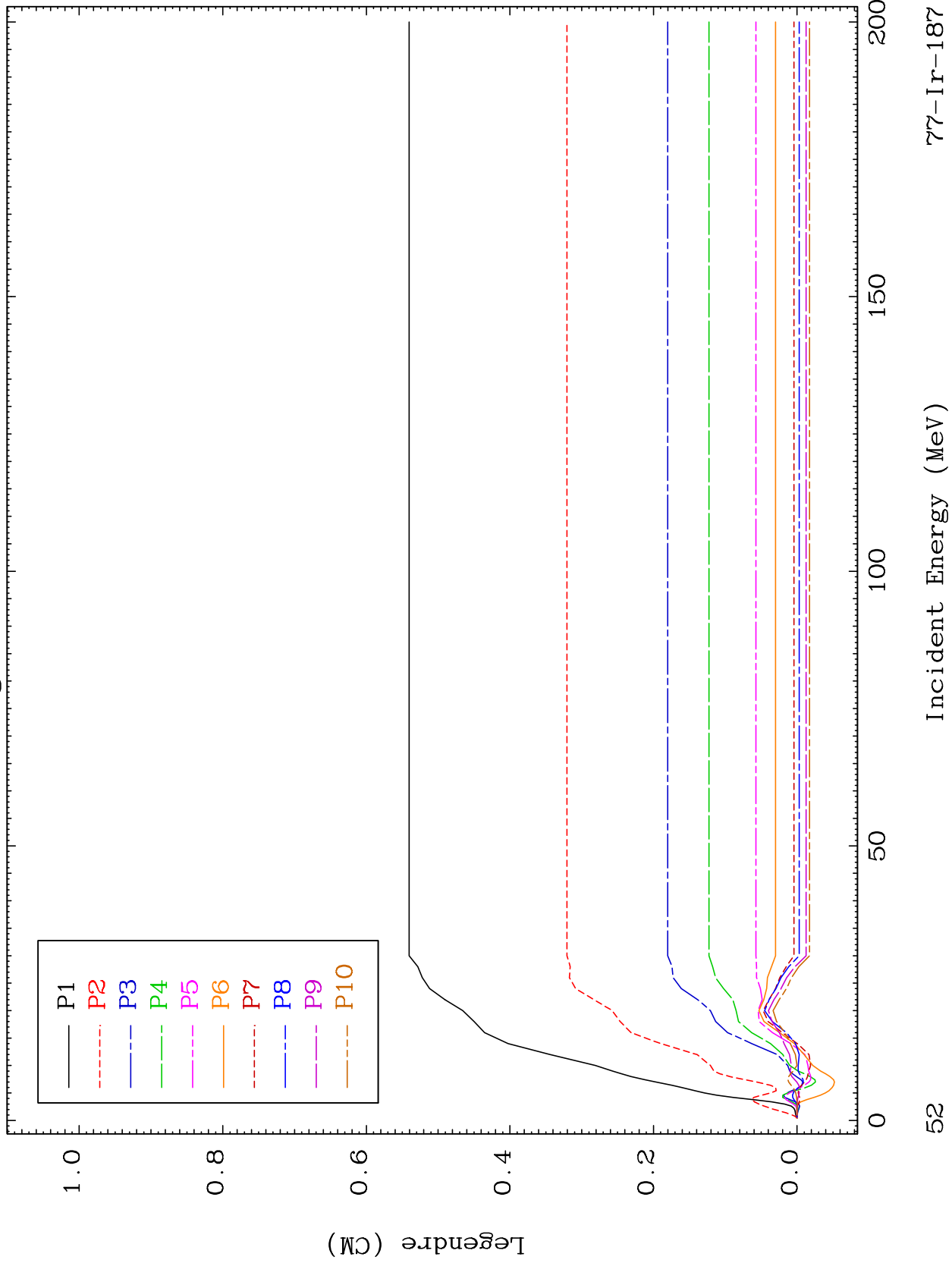




MAT 7713

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

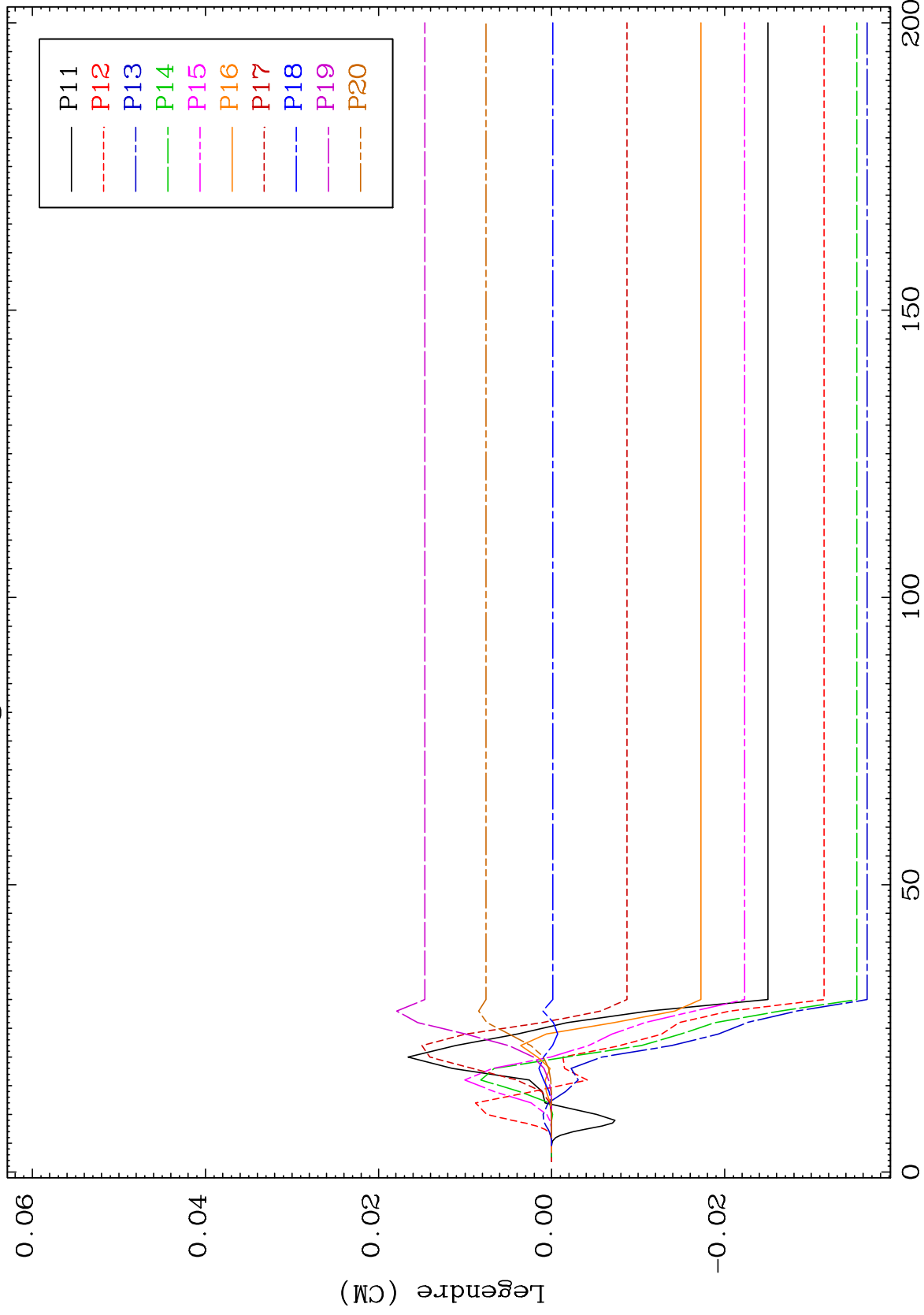
77-Ir-187



MAT 7713

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

77-Ir-187



53

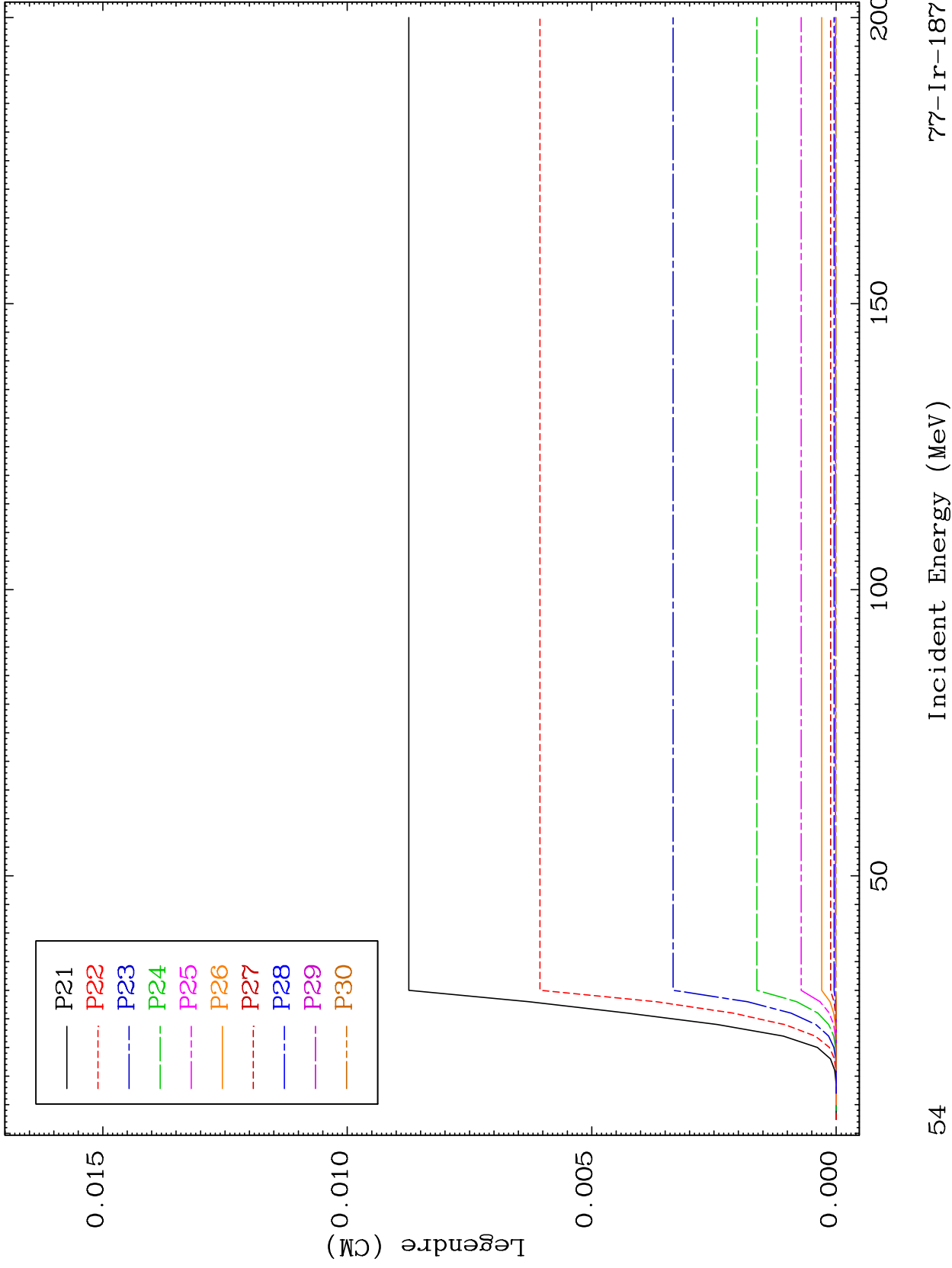
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



54

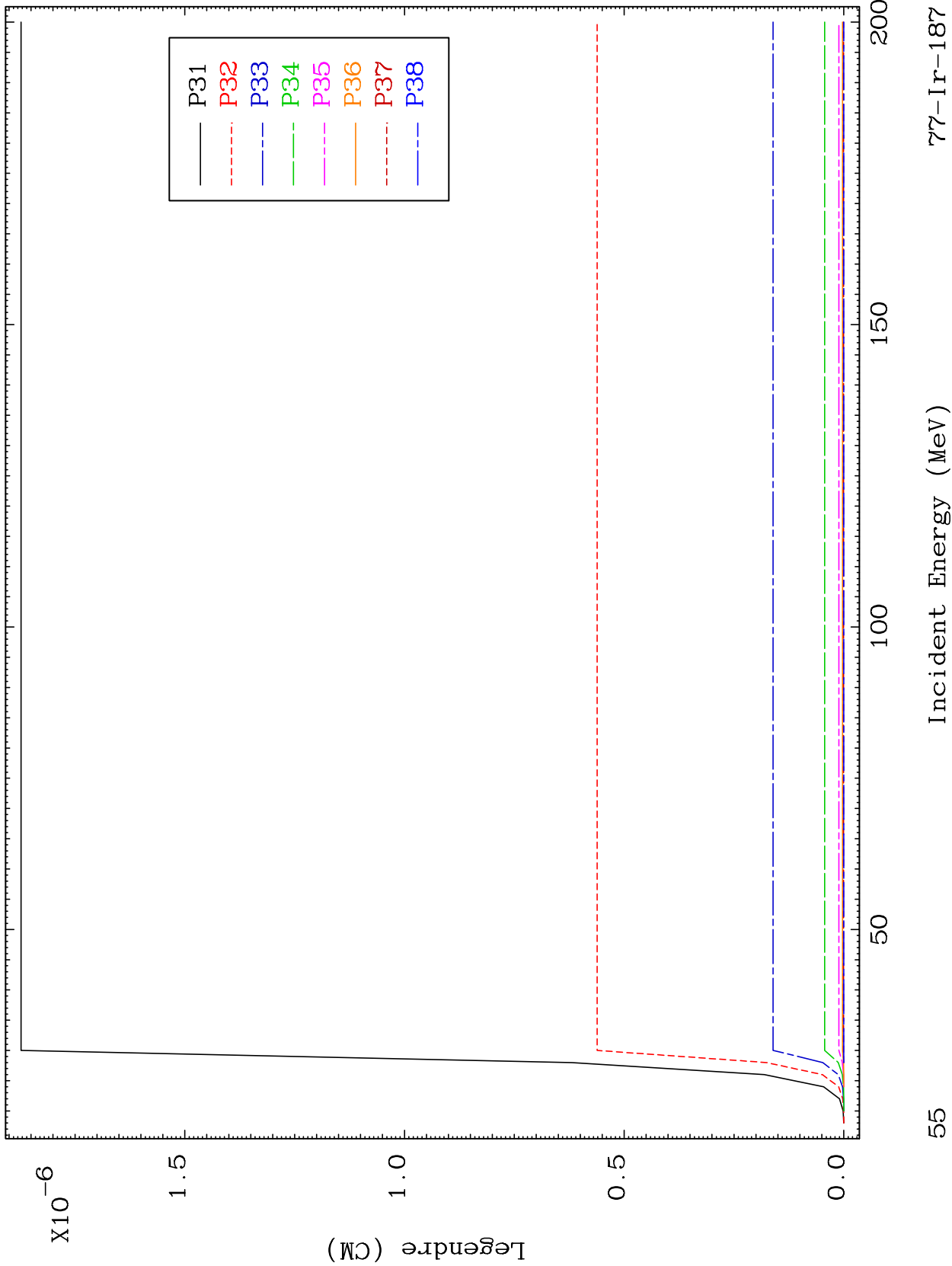
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77-Ir-187

Incident Energy (MeV)

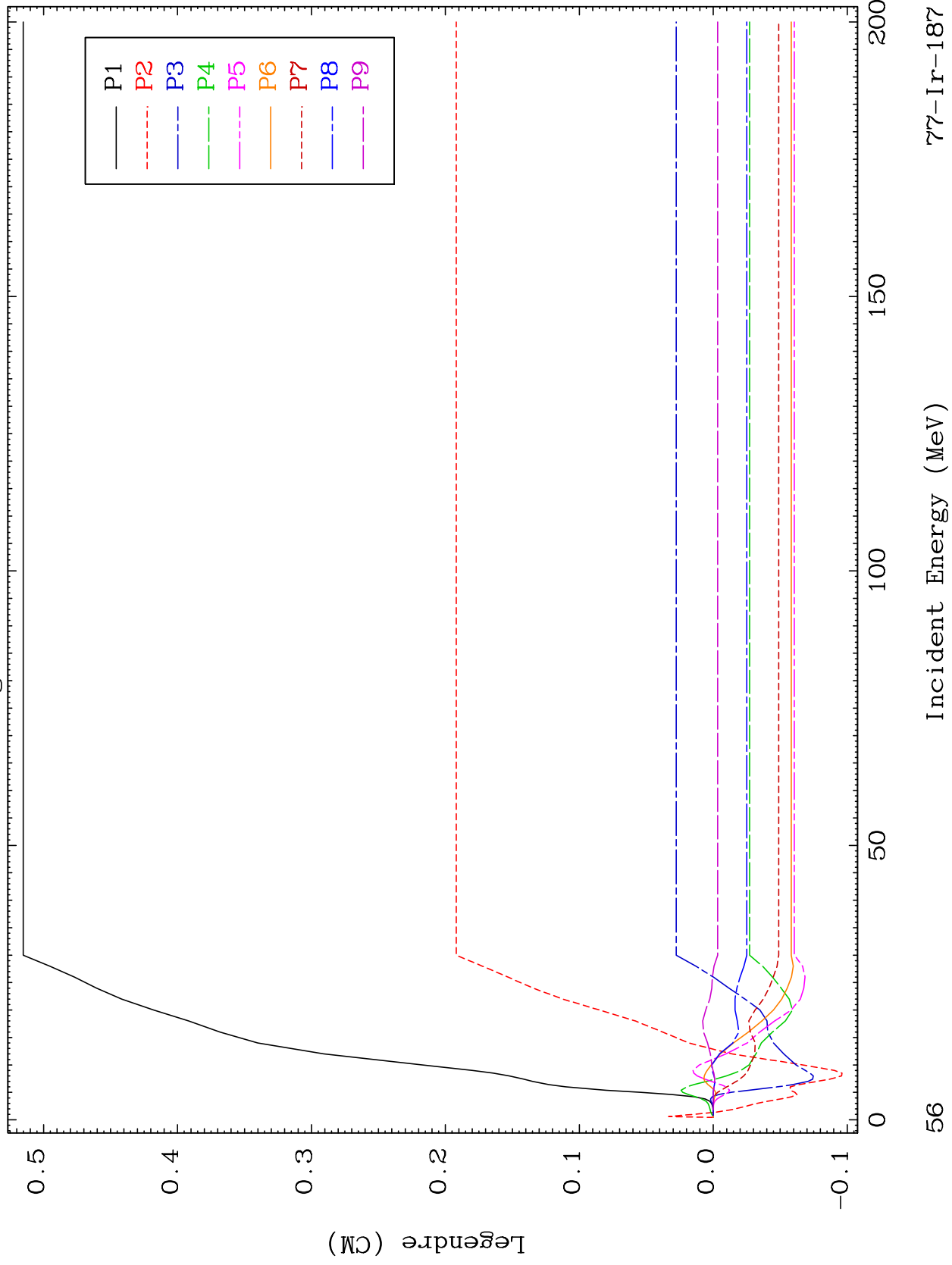
55



MAT 7713

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

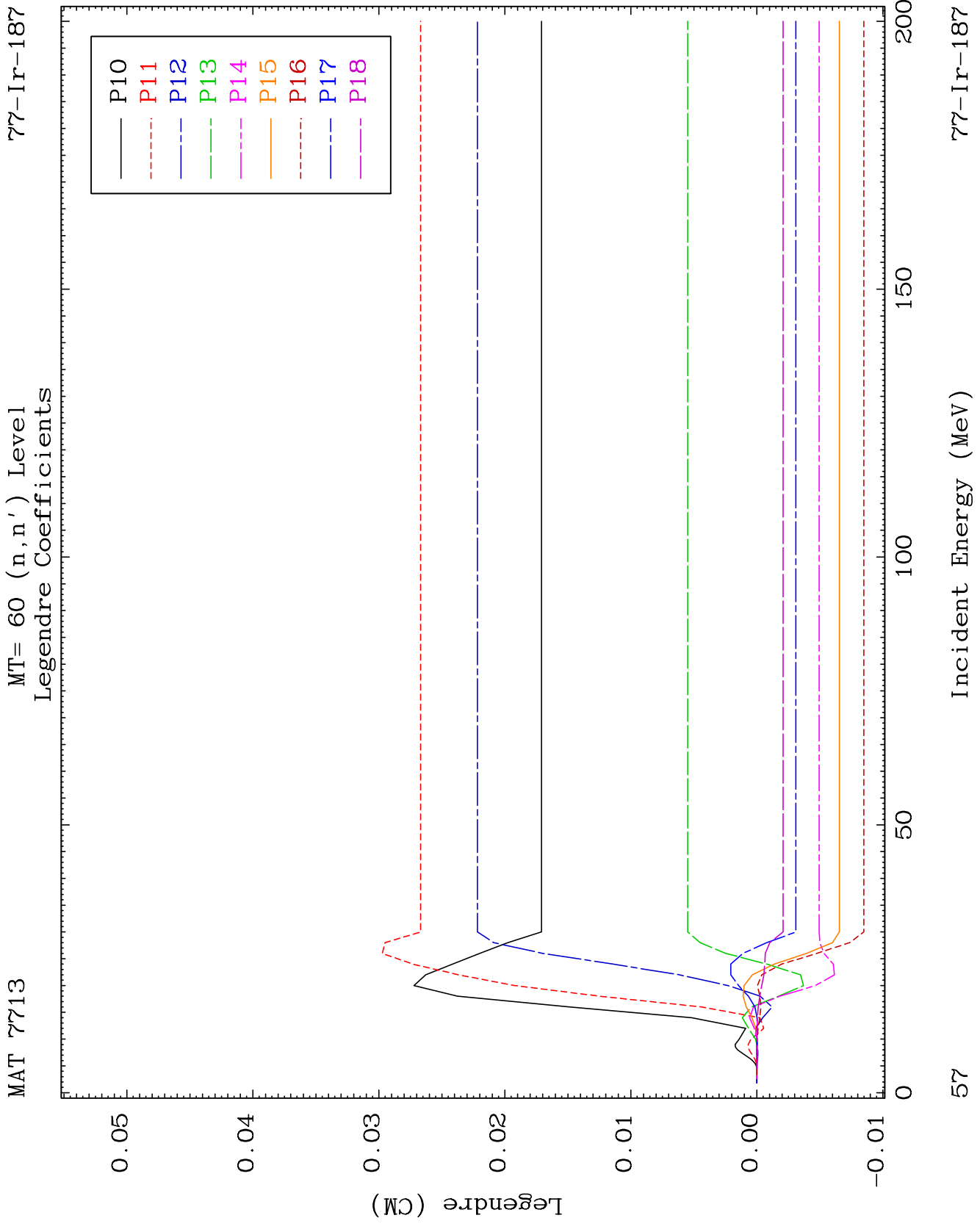
77-Ir-187

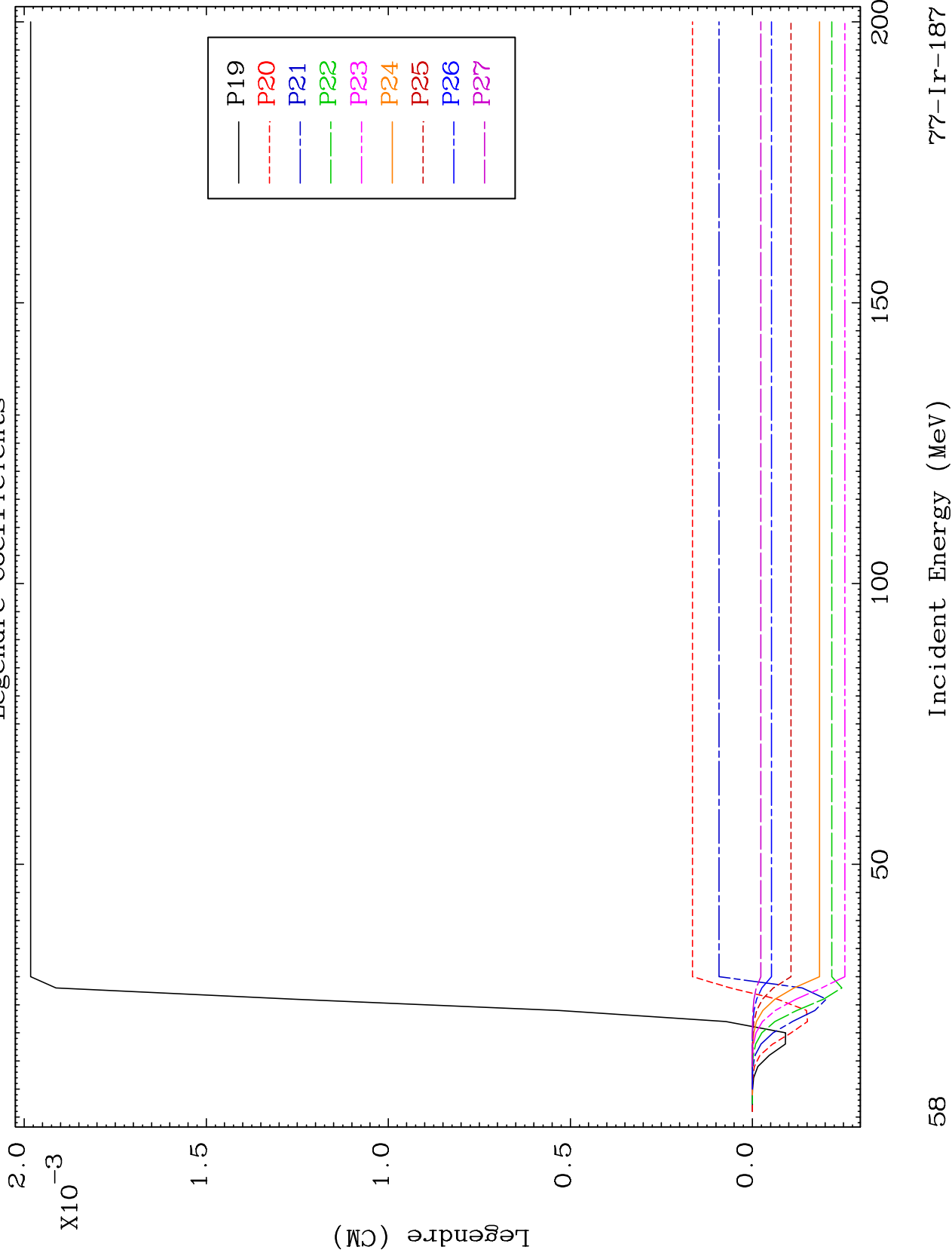


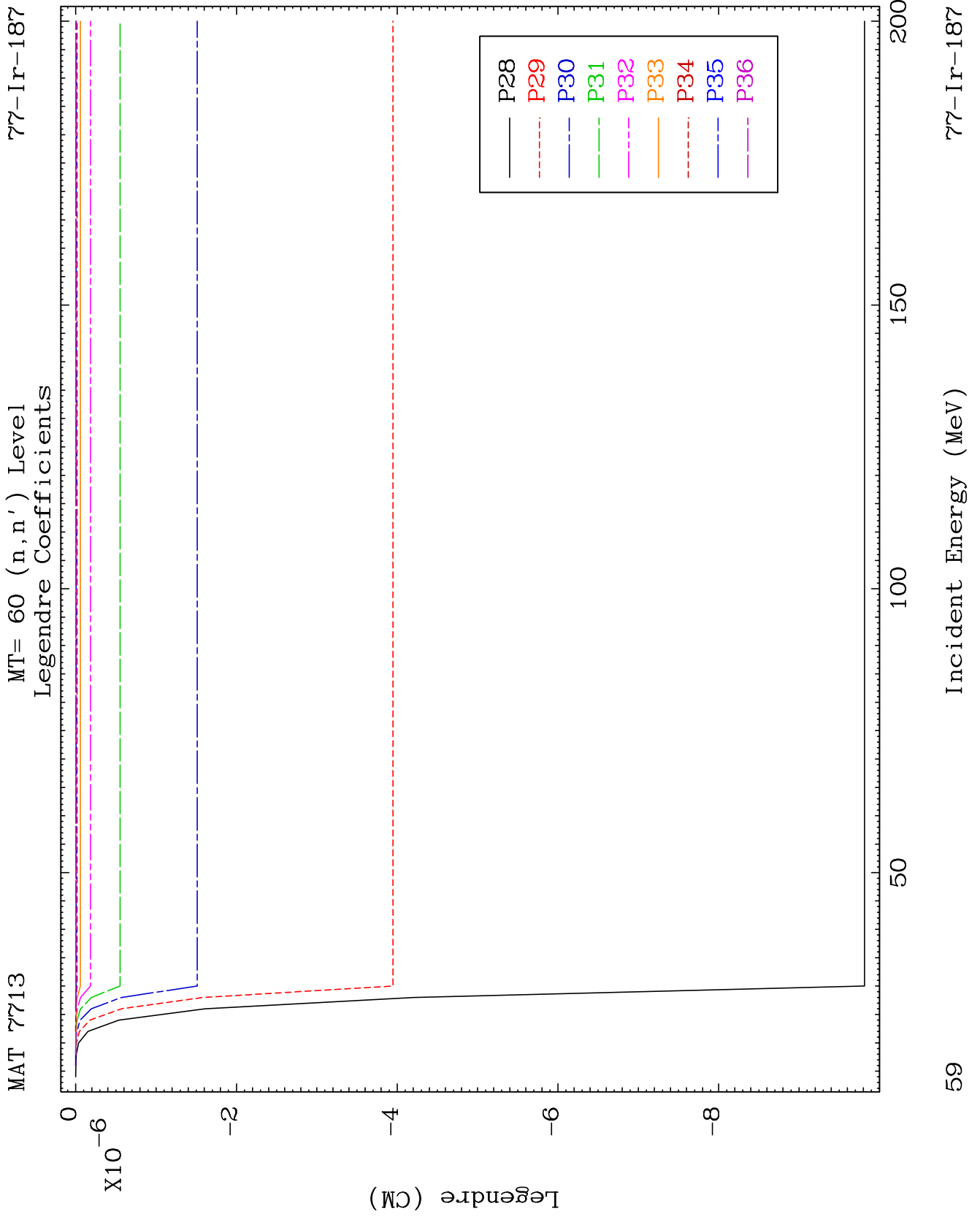
77-Ir-187

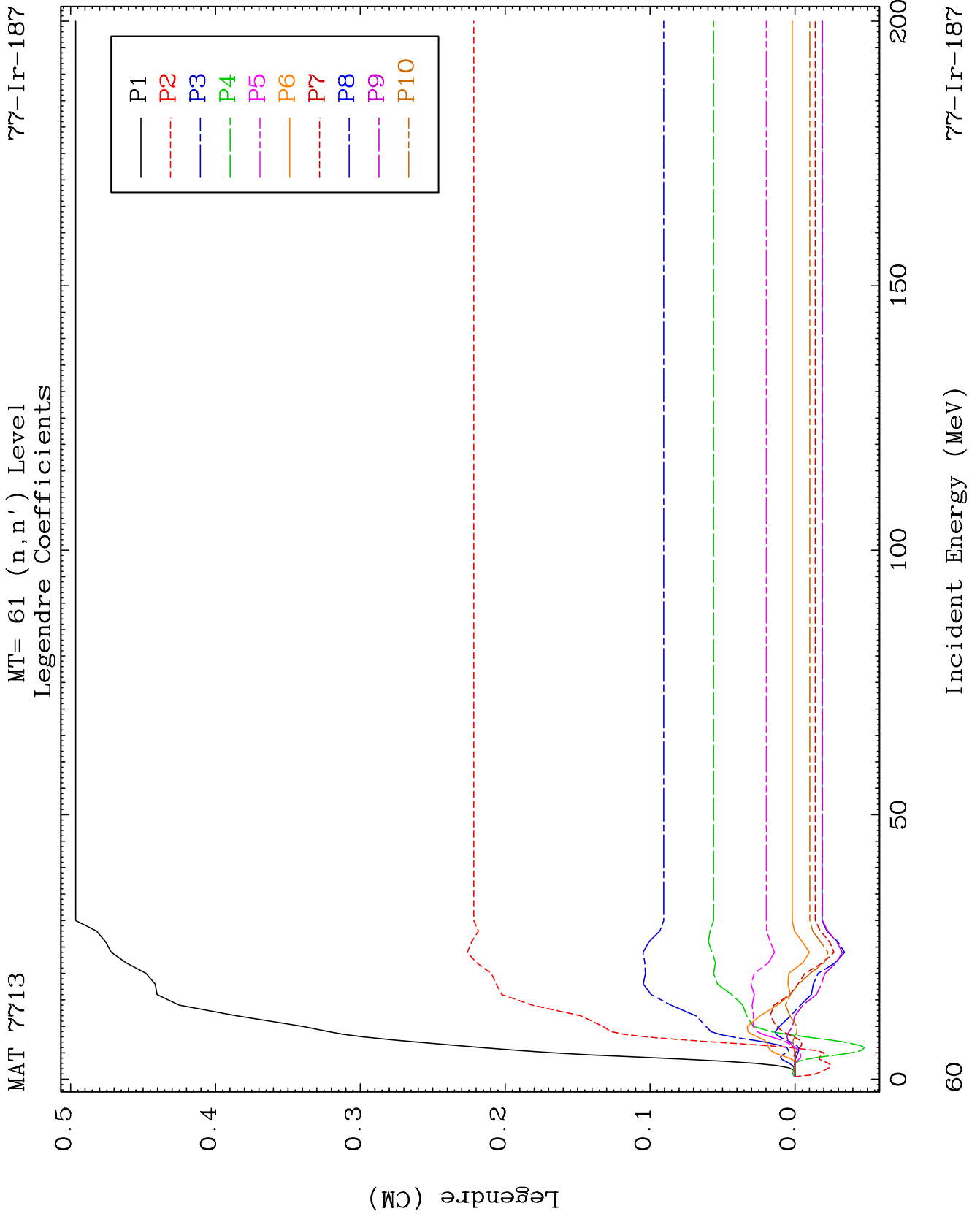
Incident Energy (MeV)

56





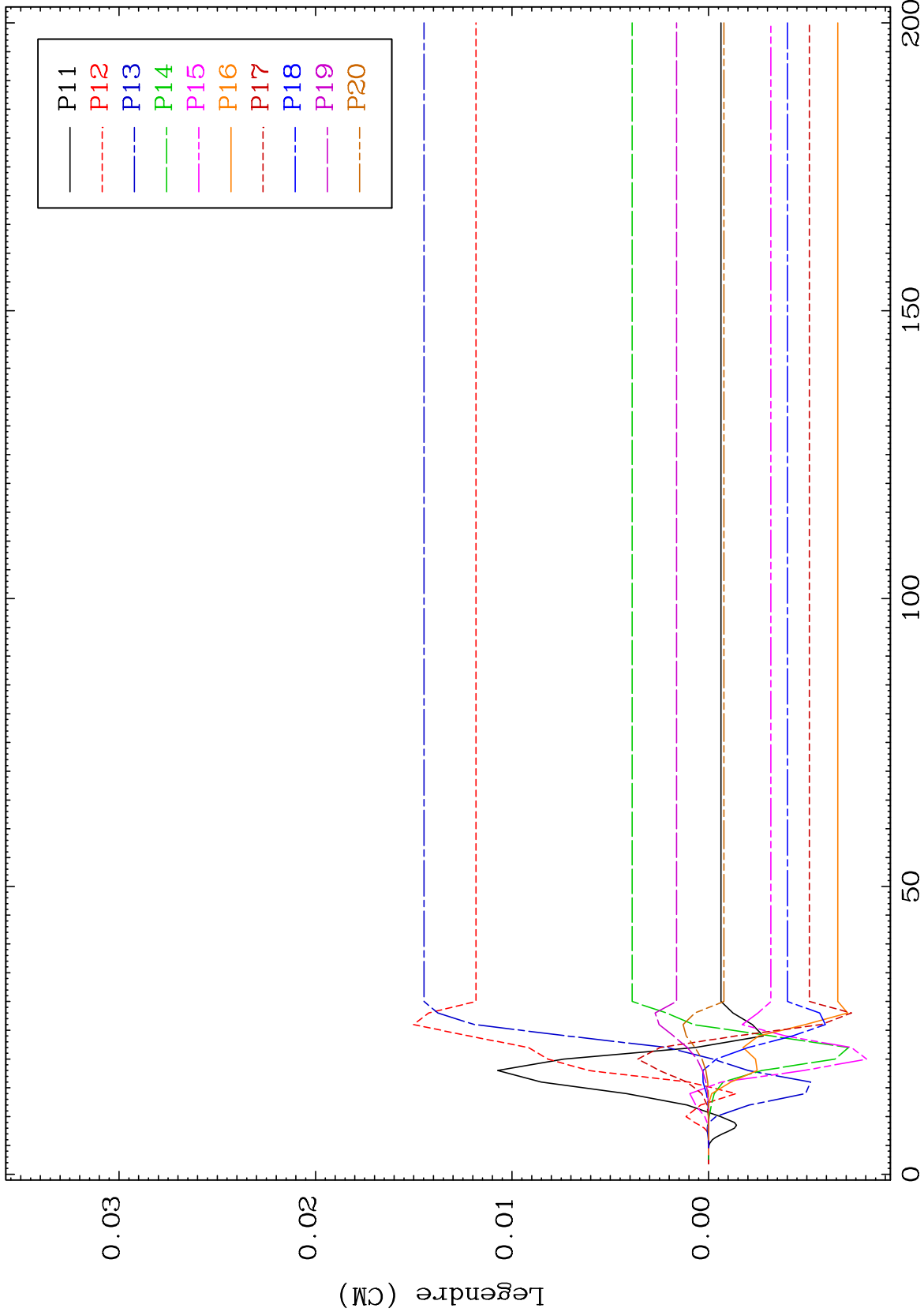




MAT 7713

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

77-Ir-187



61

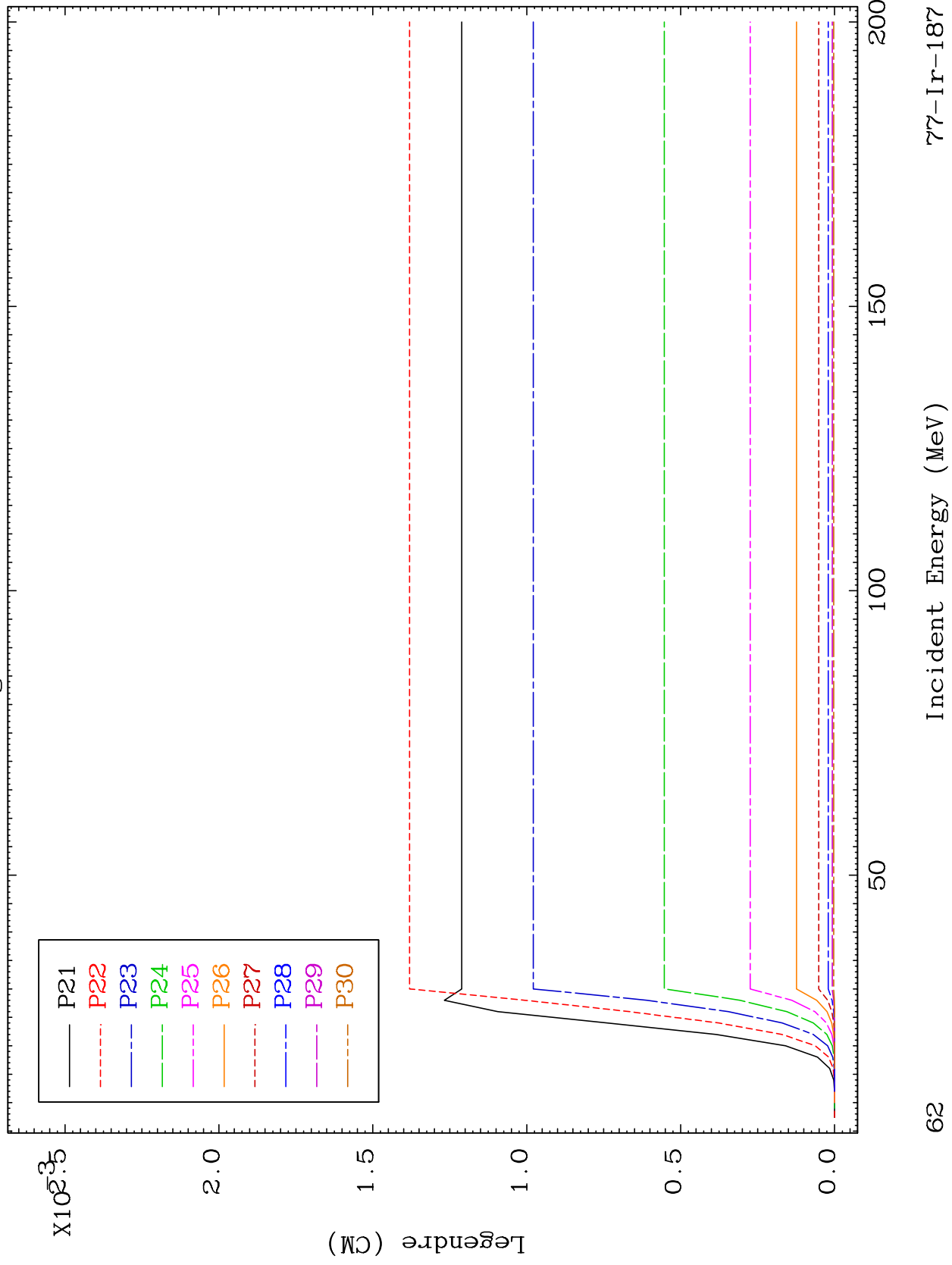
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187

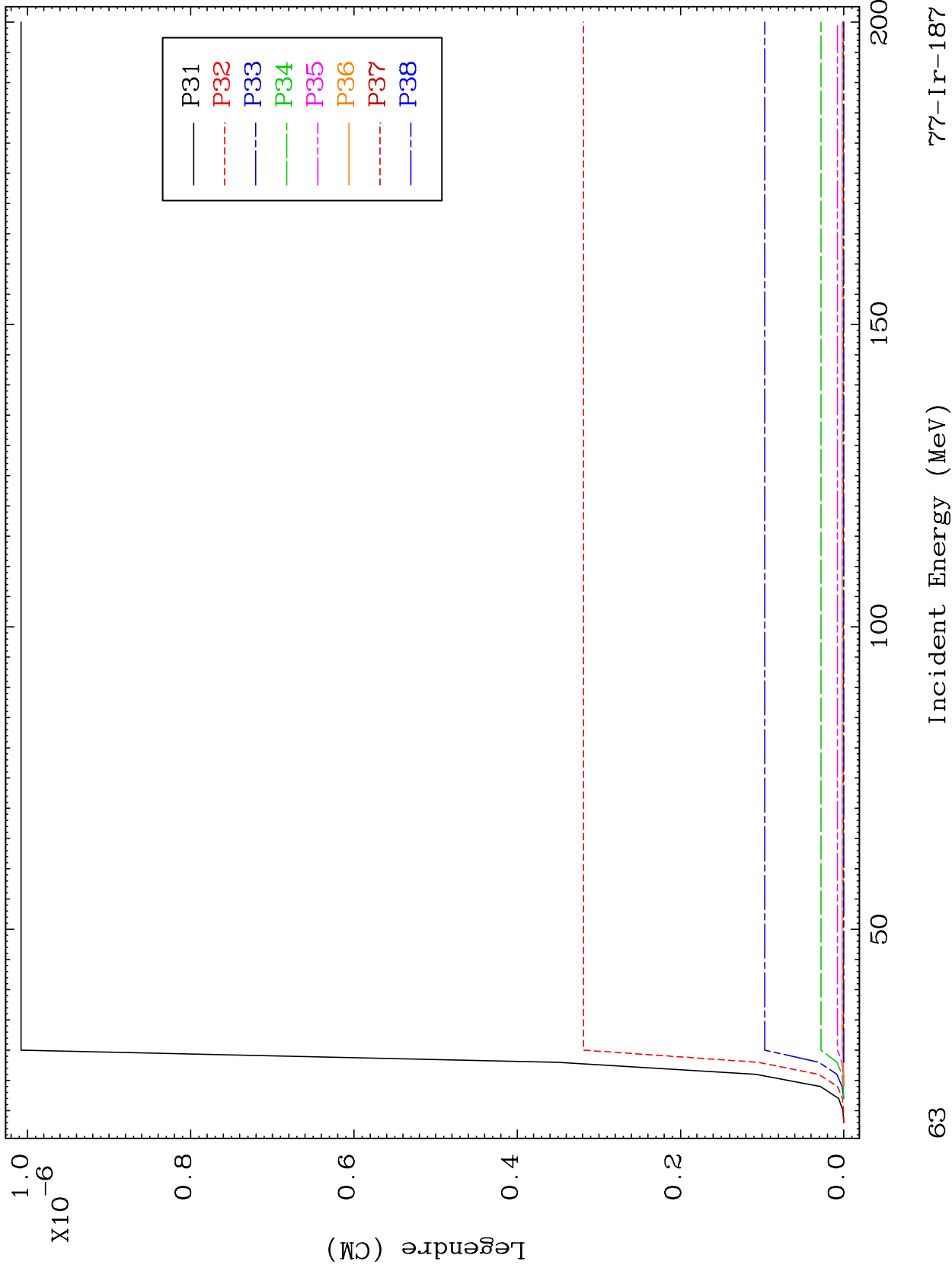


62

MAT 7713

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

77-Ir-187

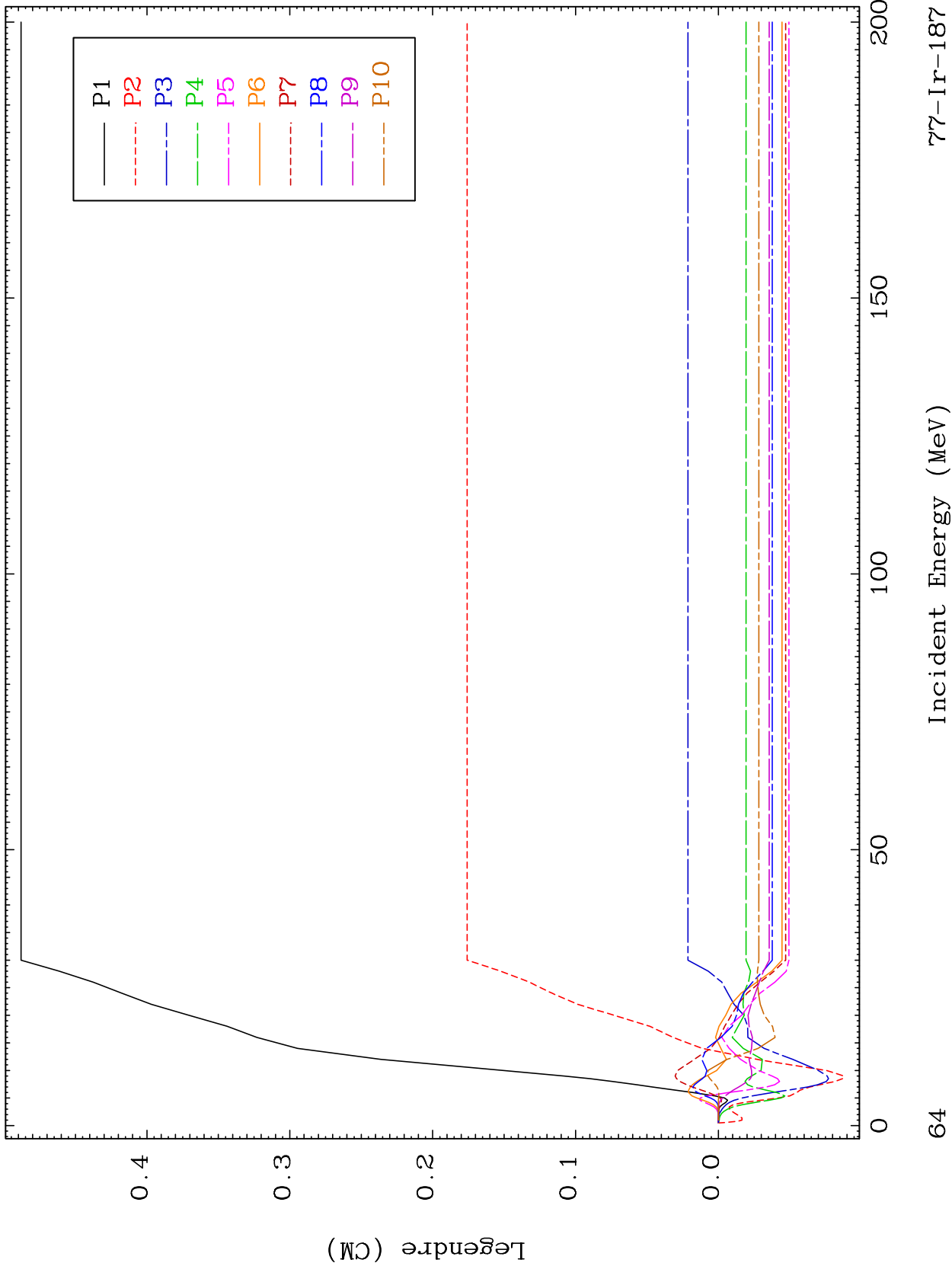




MAT 7713

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

77-Ir-187



64

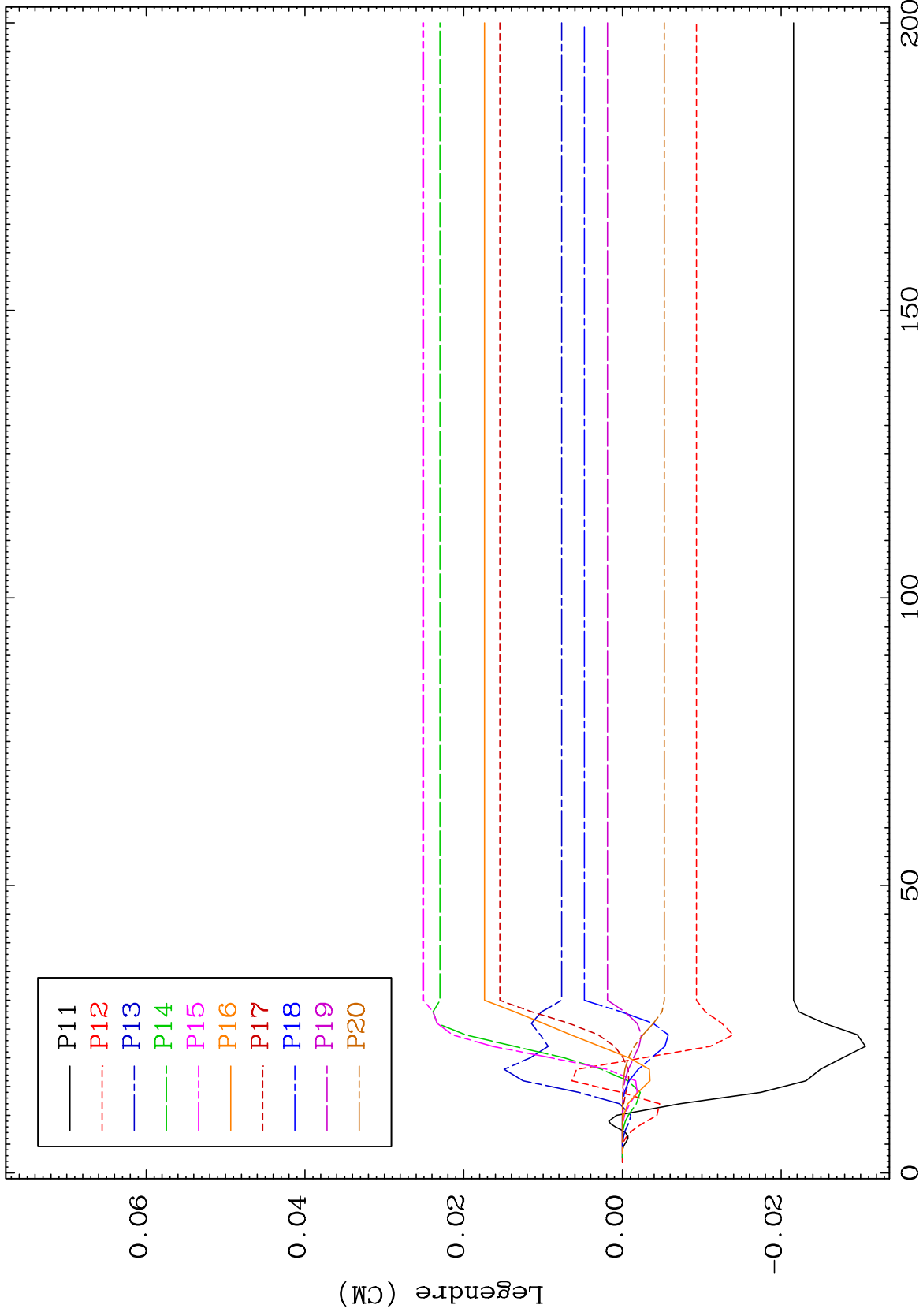
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



65

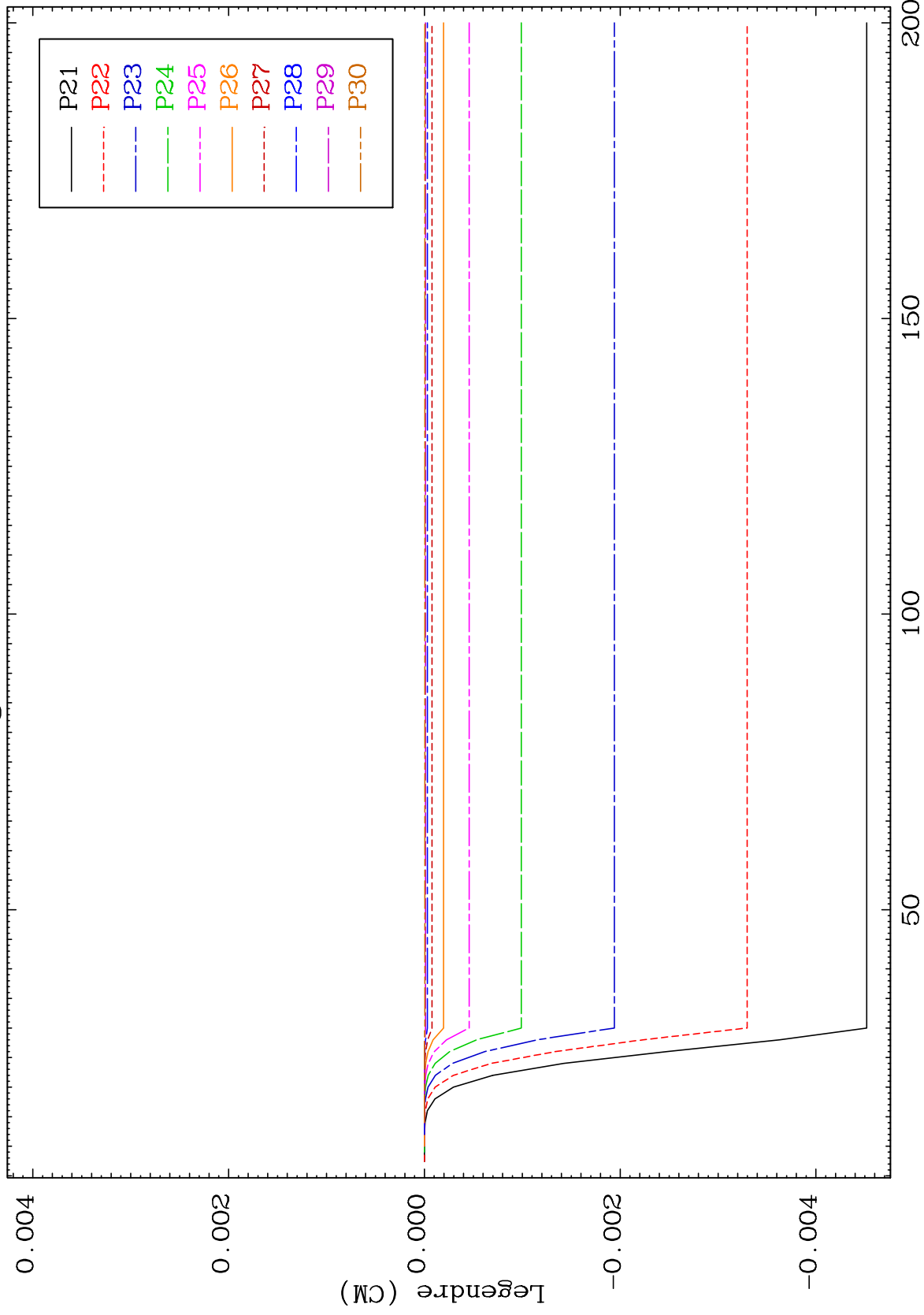
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

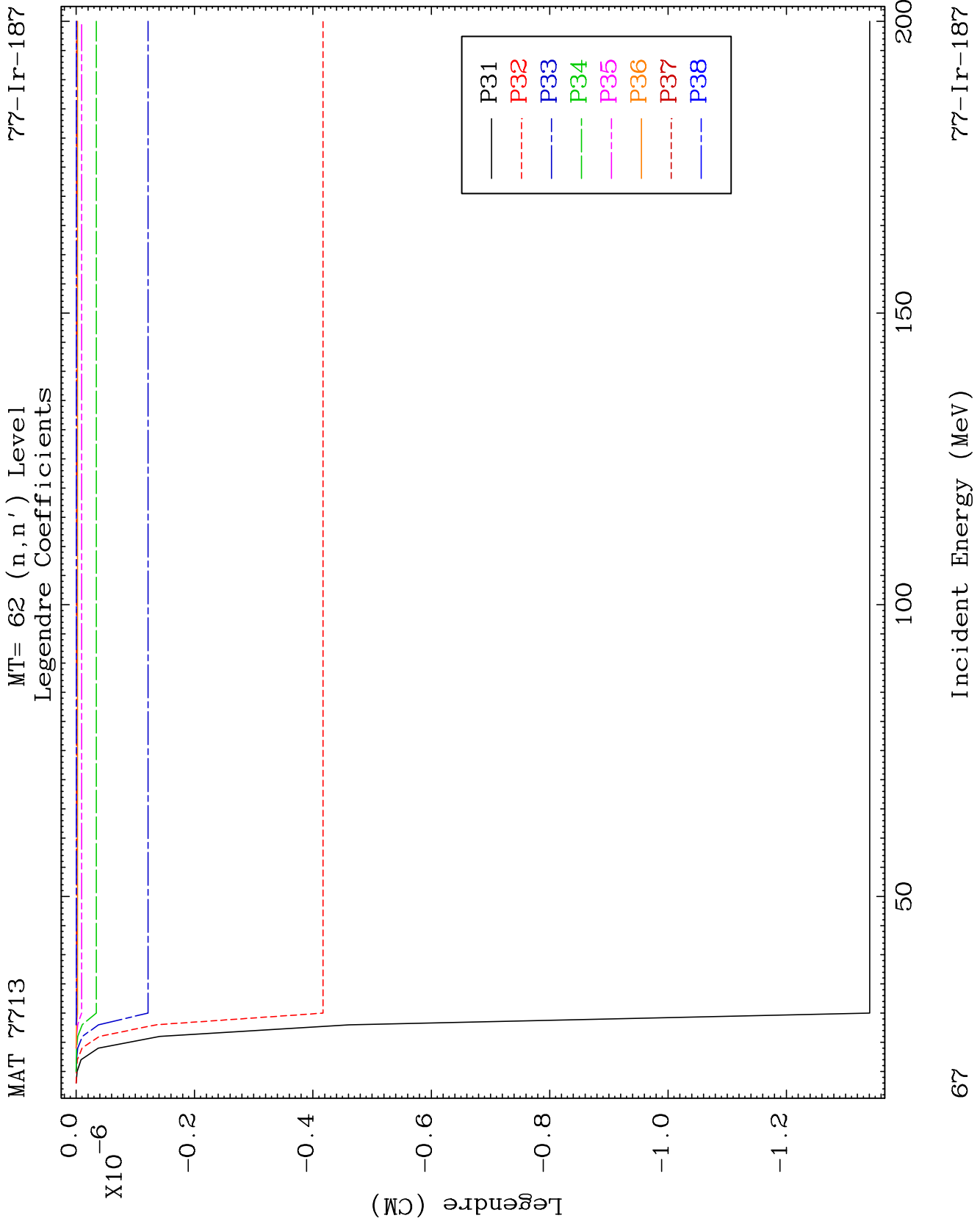
77-Ir-187



66

Incident Energy (MeV)

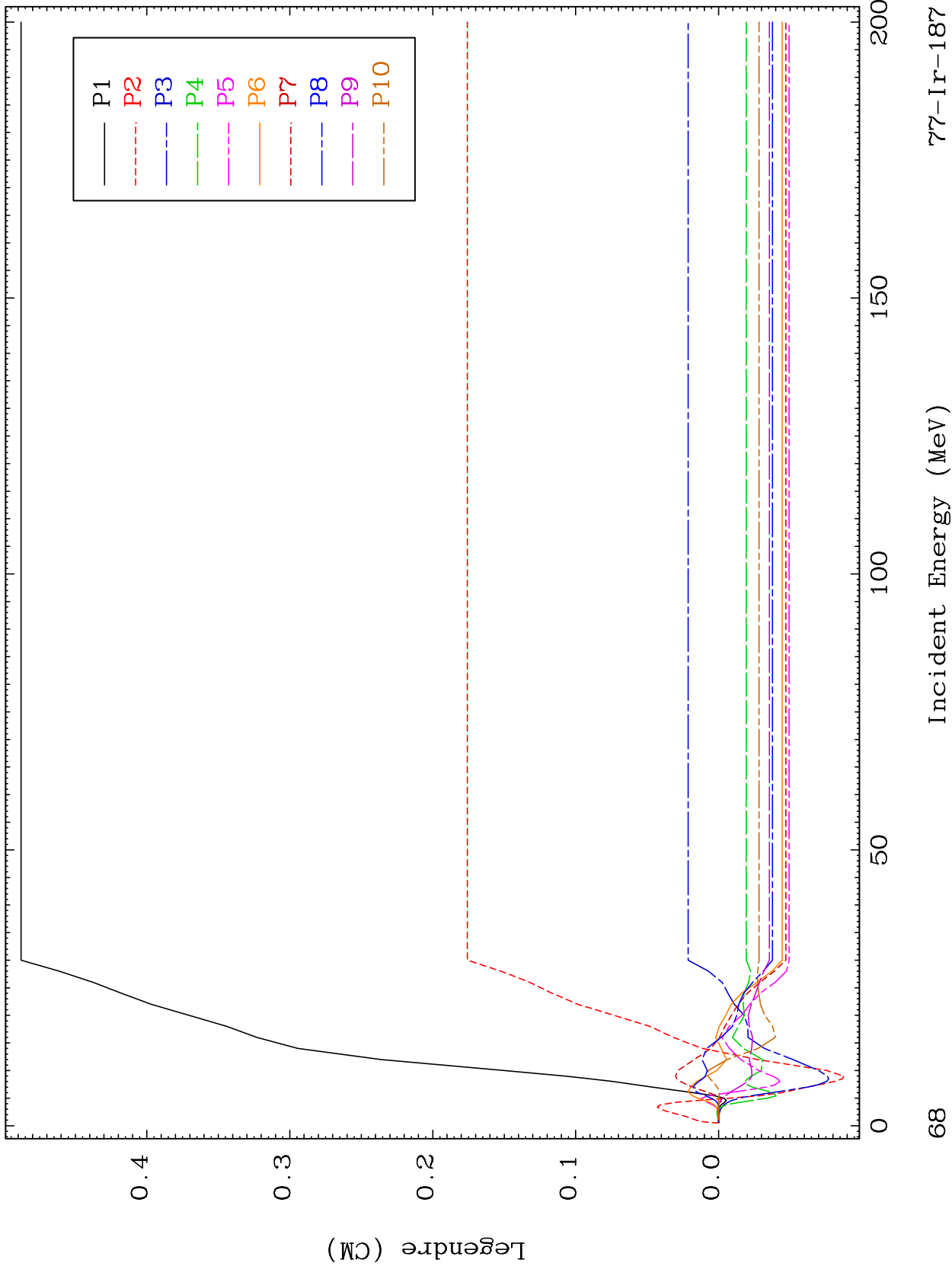
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

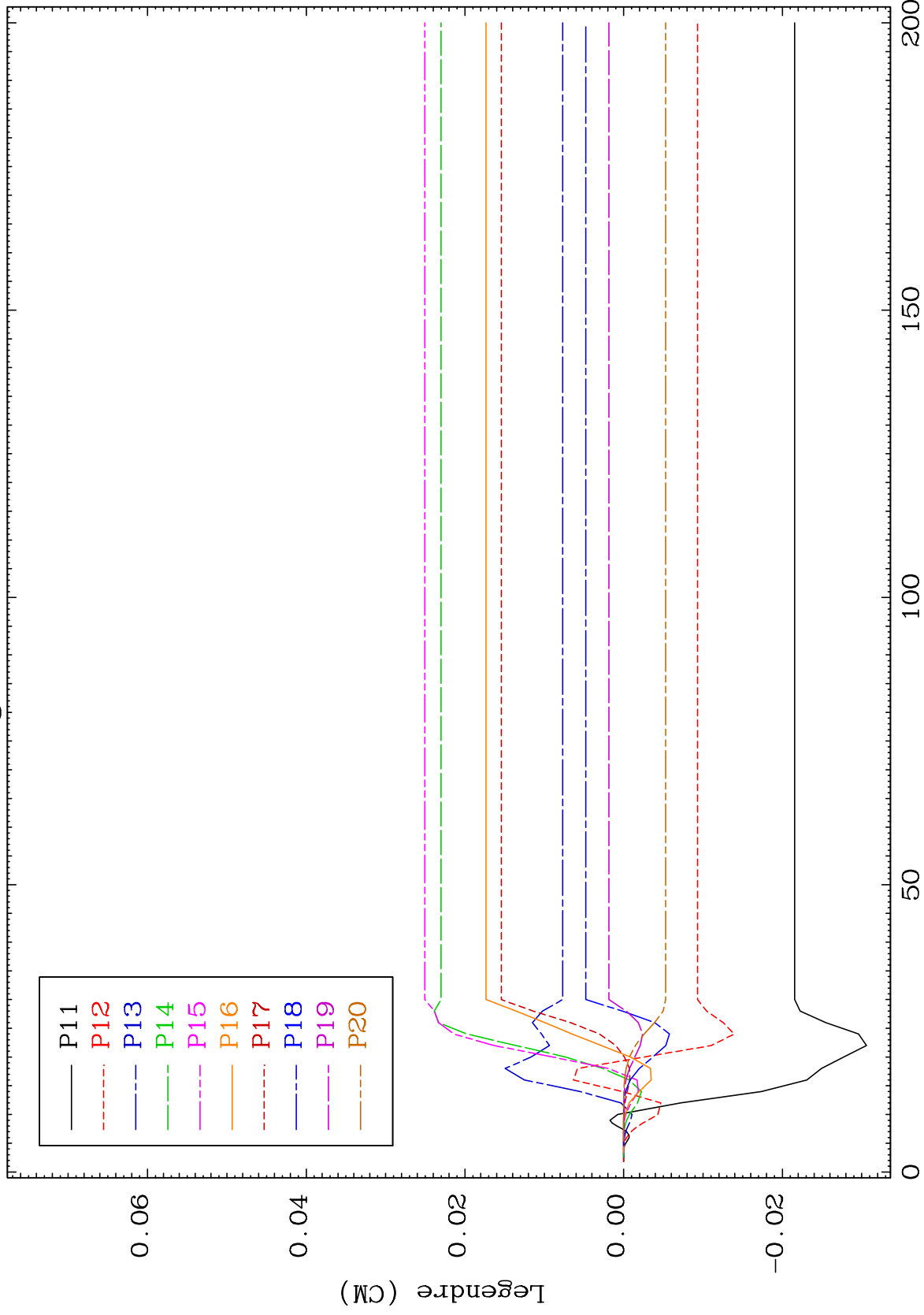
Incident Energy (MeV)

68

MAT 7713

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

77-Ir-187



69

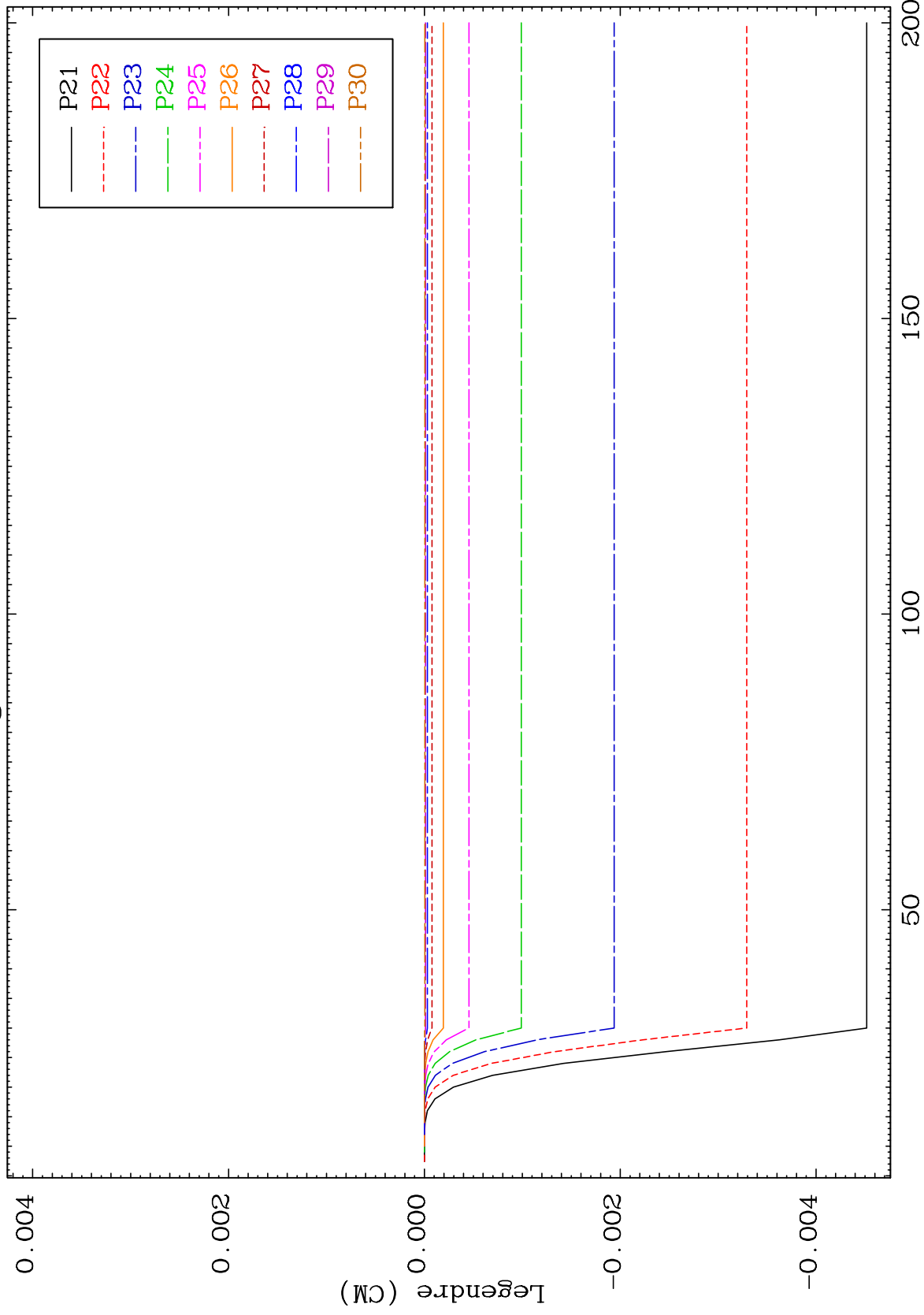
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

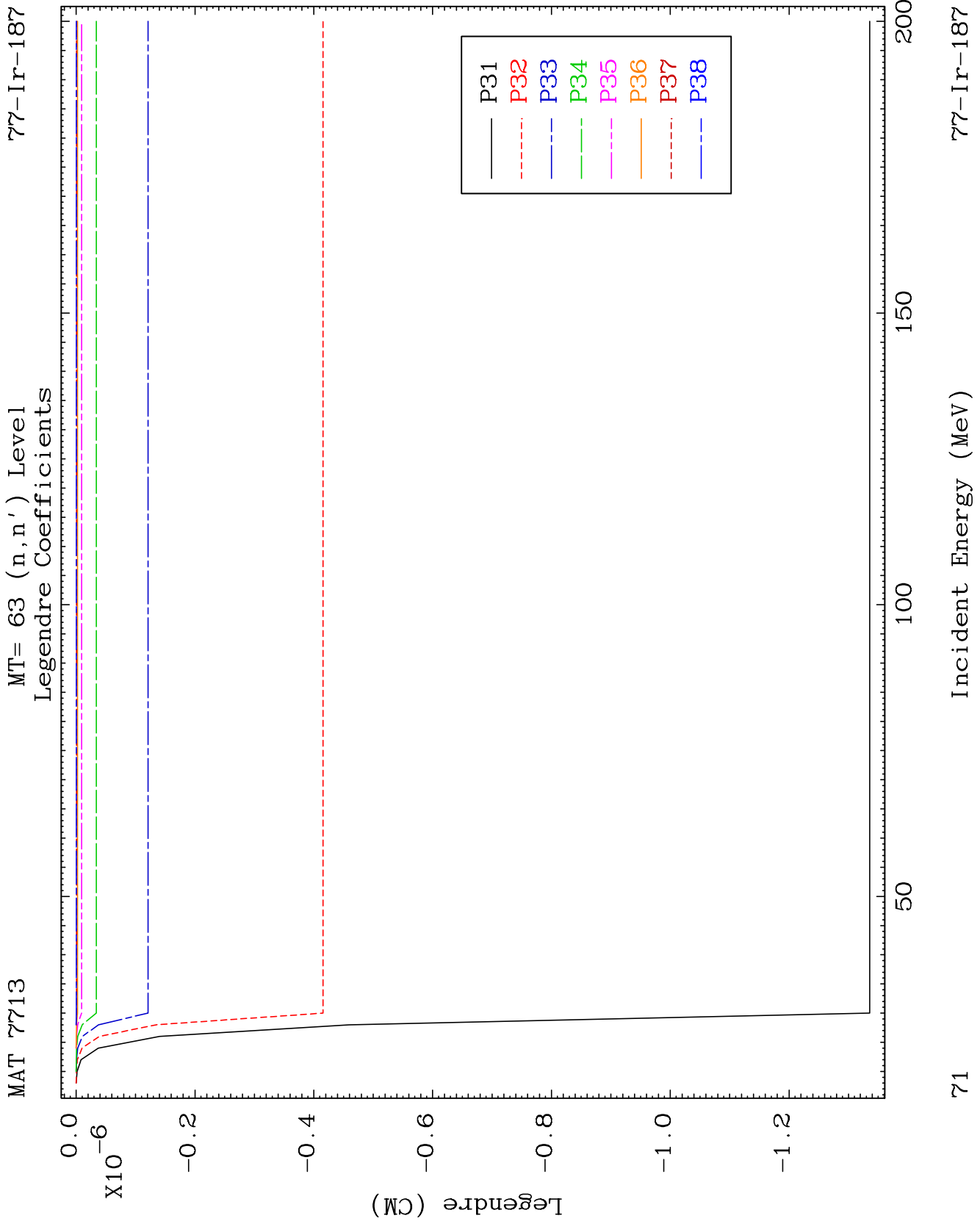
77-Ir-187



70

Incident Energy (MeV)

77-Ir-187

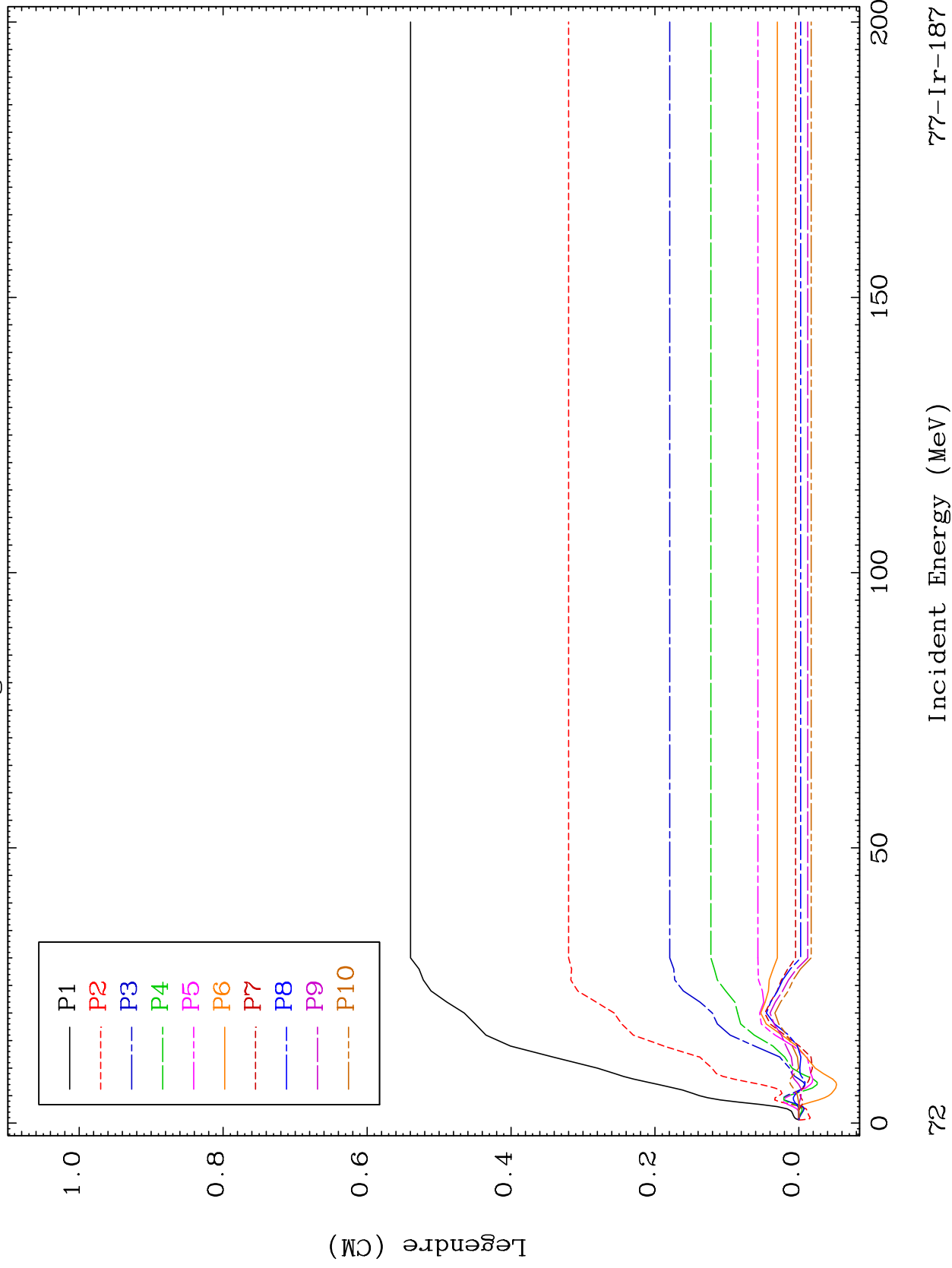




MAT 7713

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

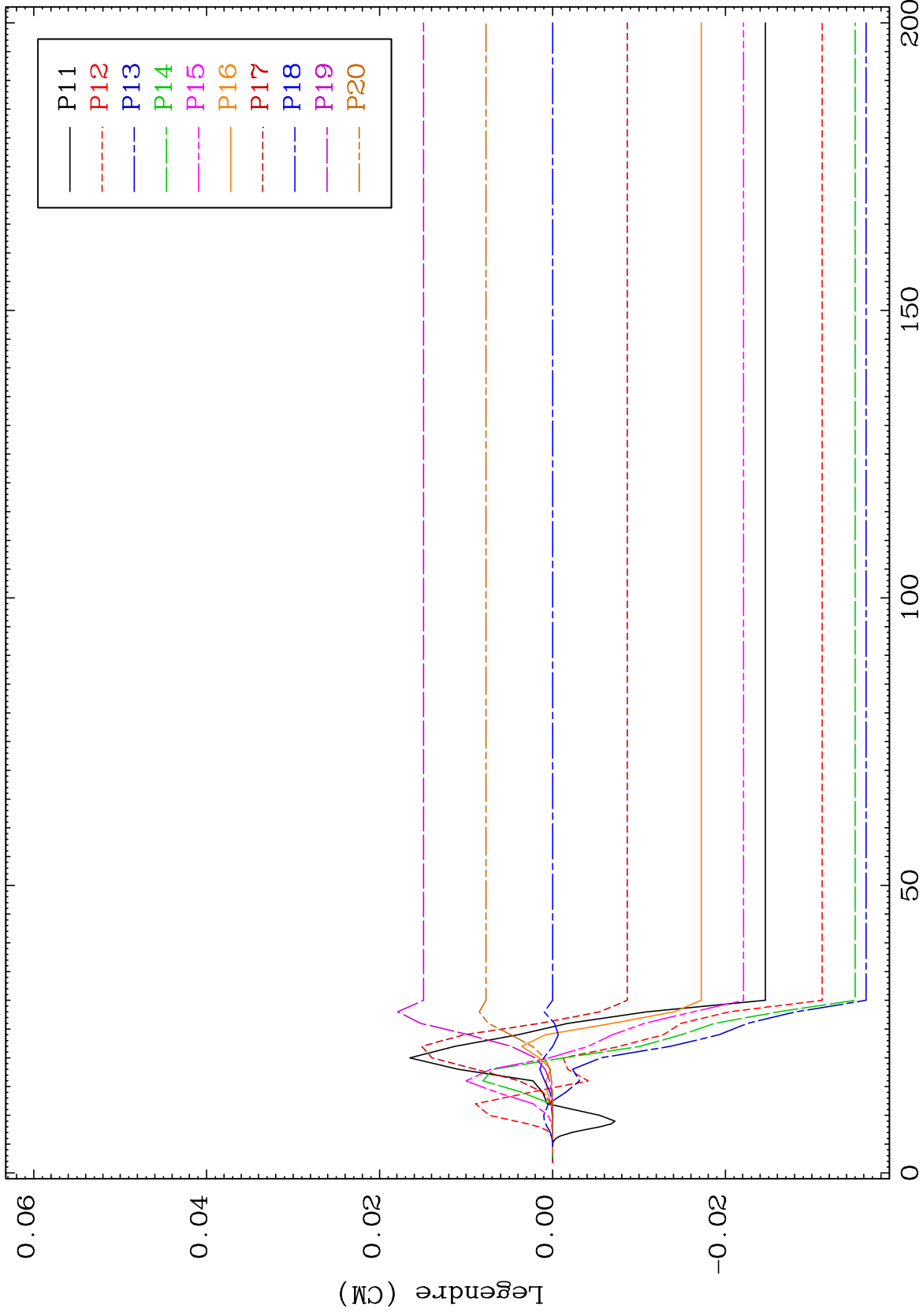
77-Ir-187



MAT 7713

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

77-Ir-187



73

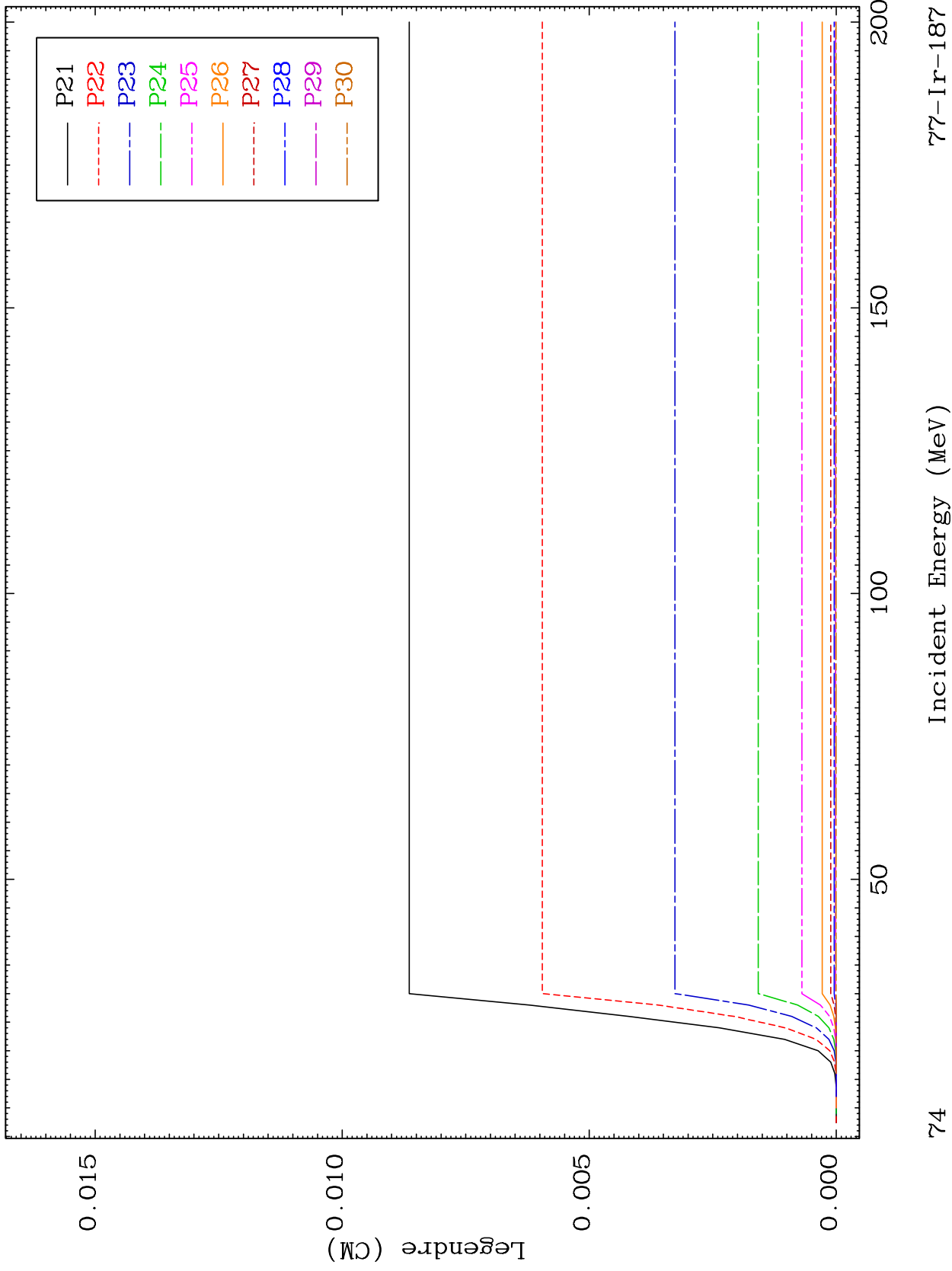
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



74

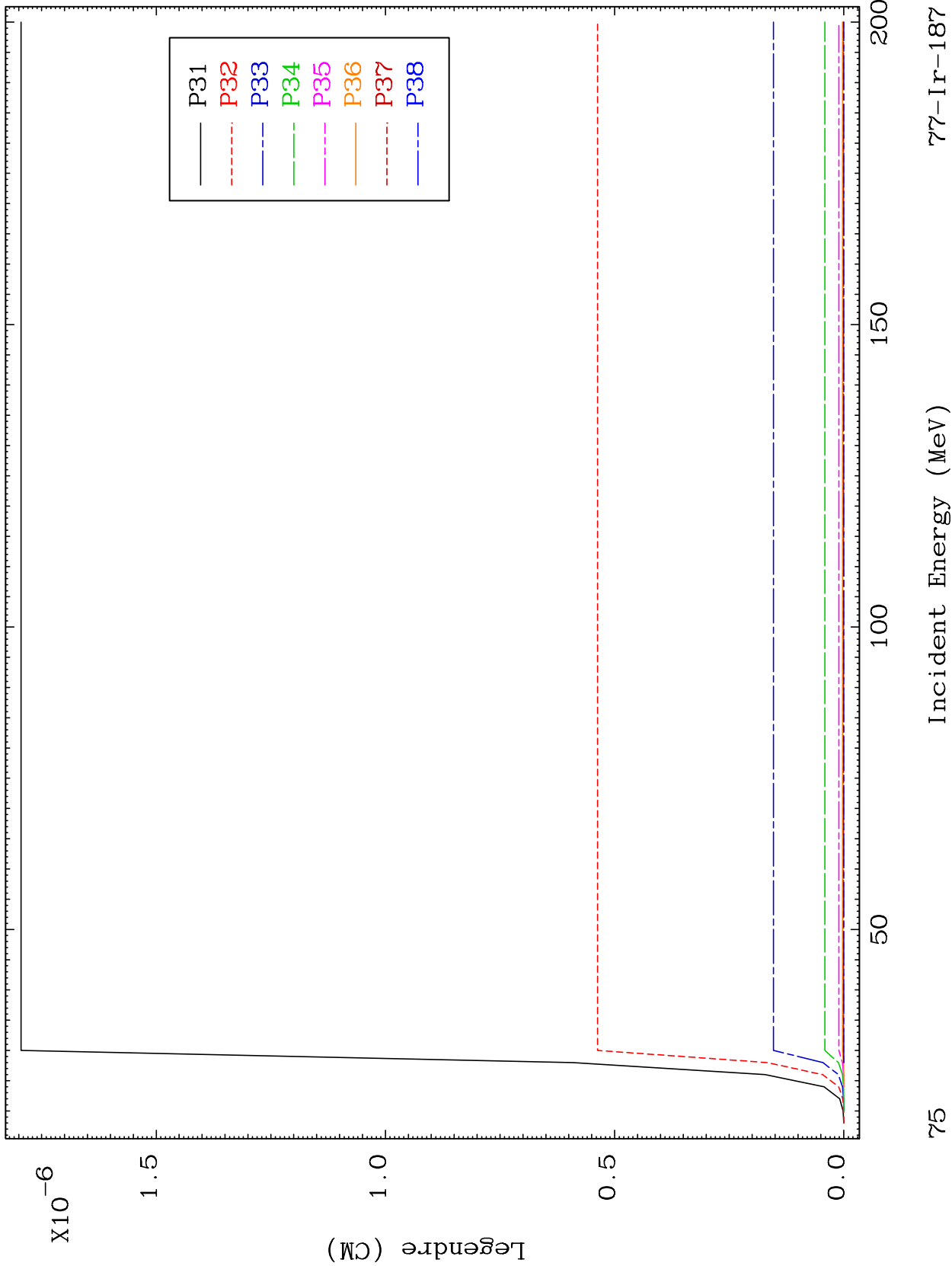
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



75

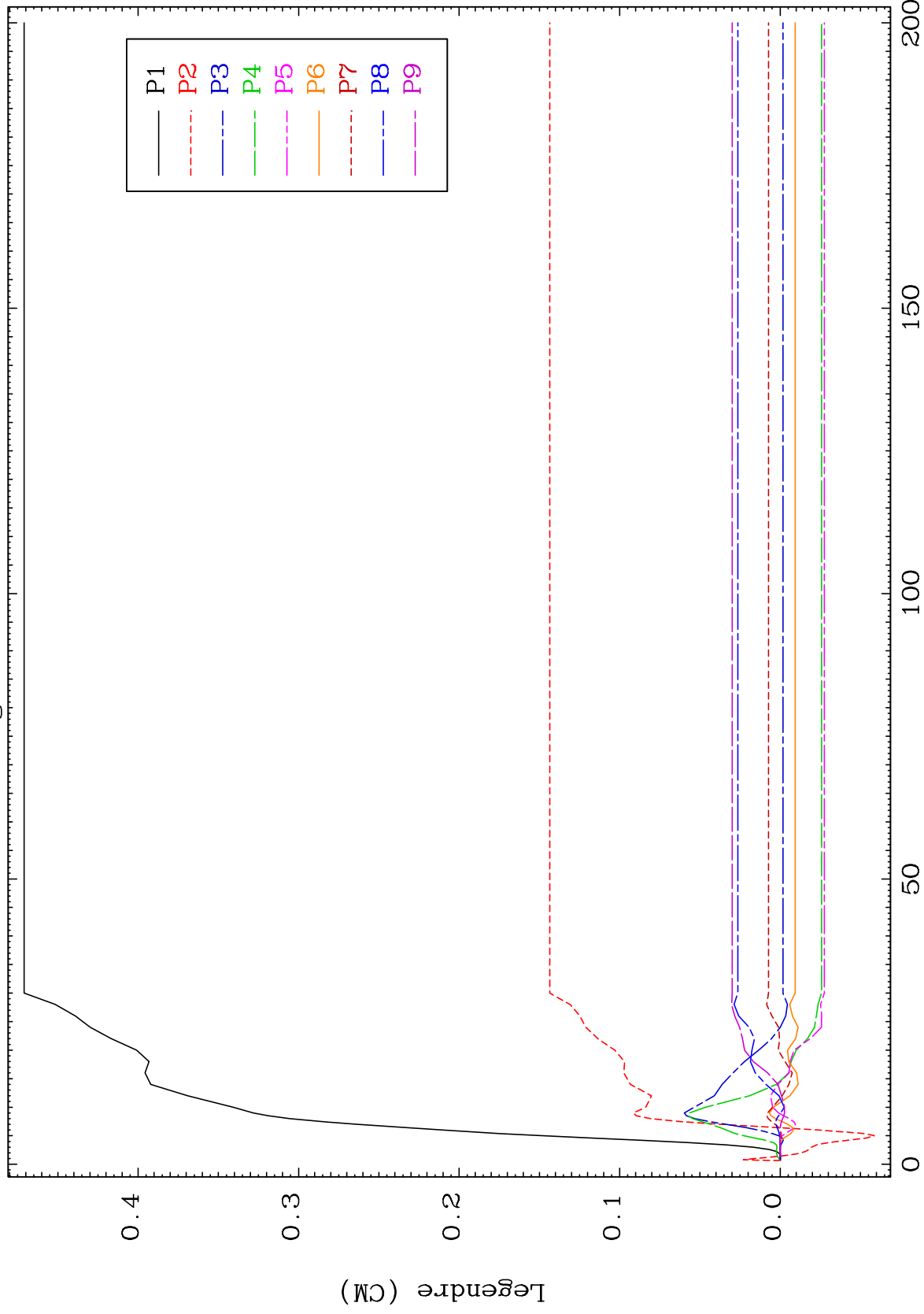
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



76

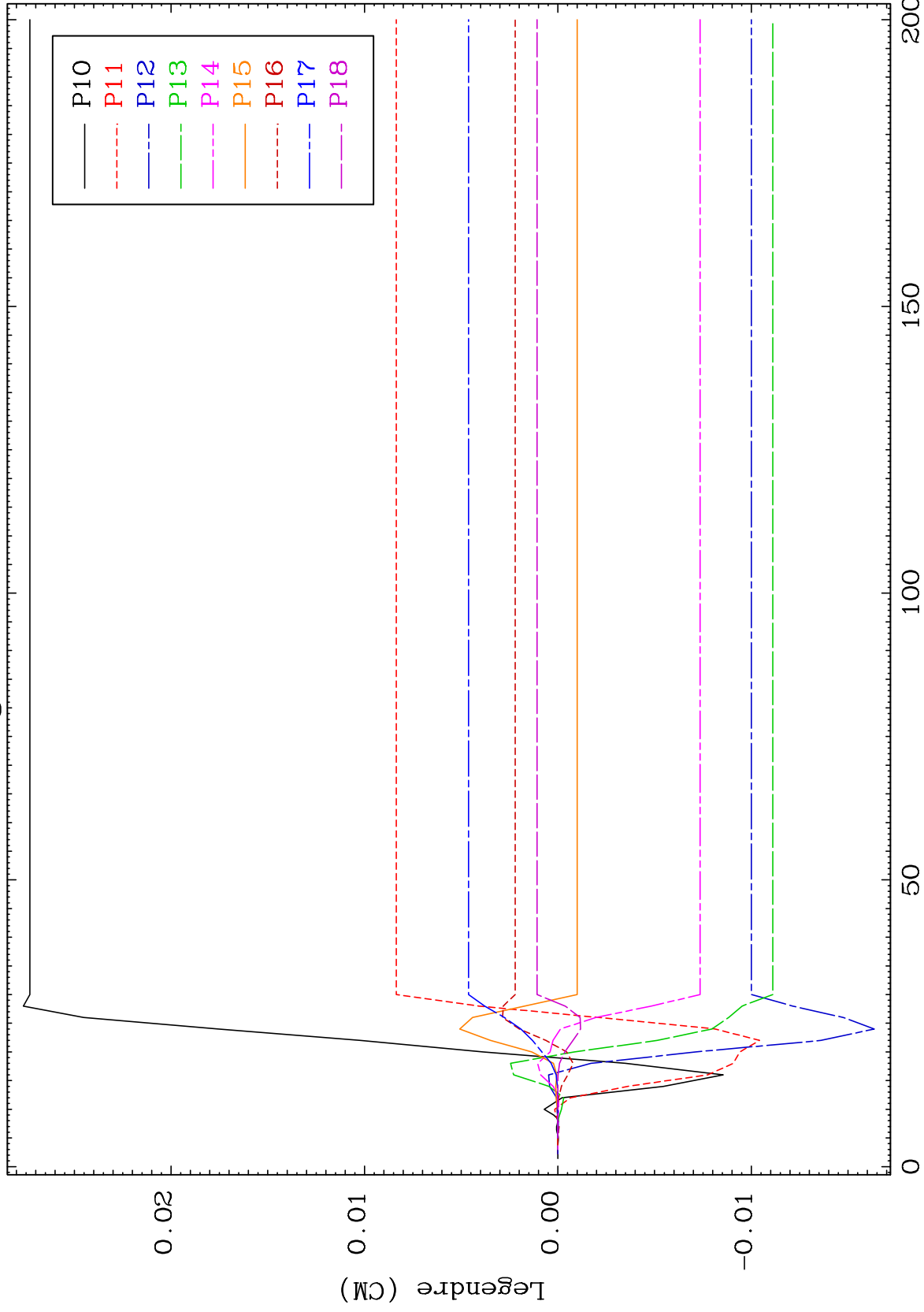
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



77

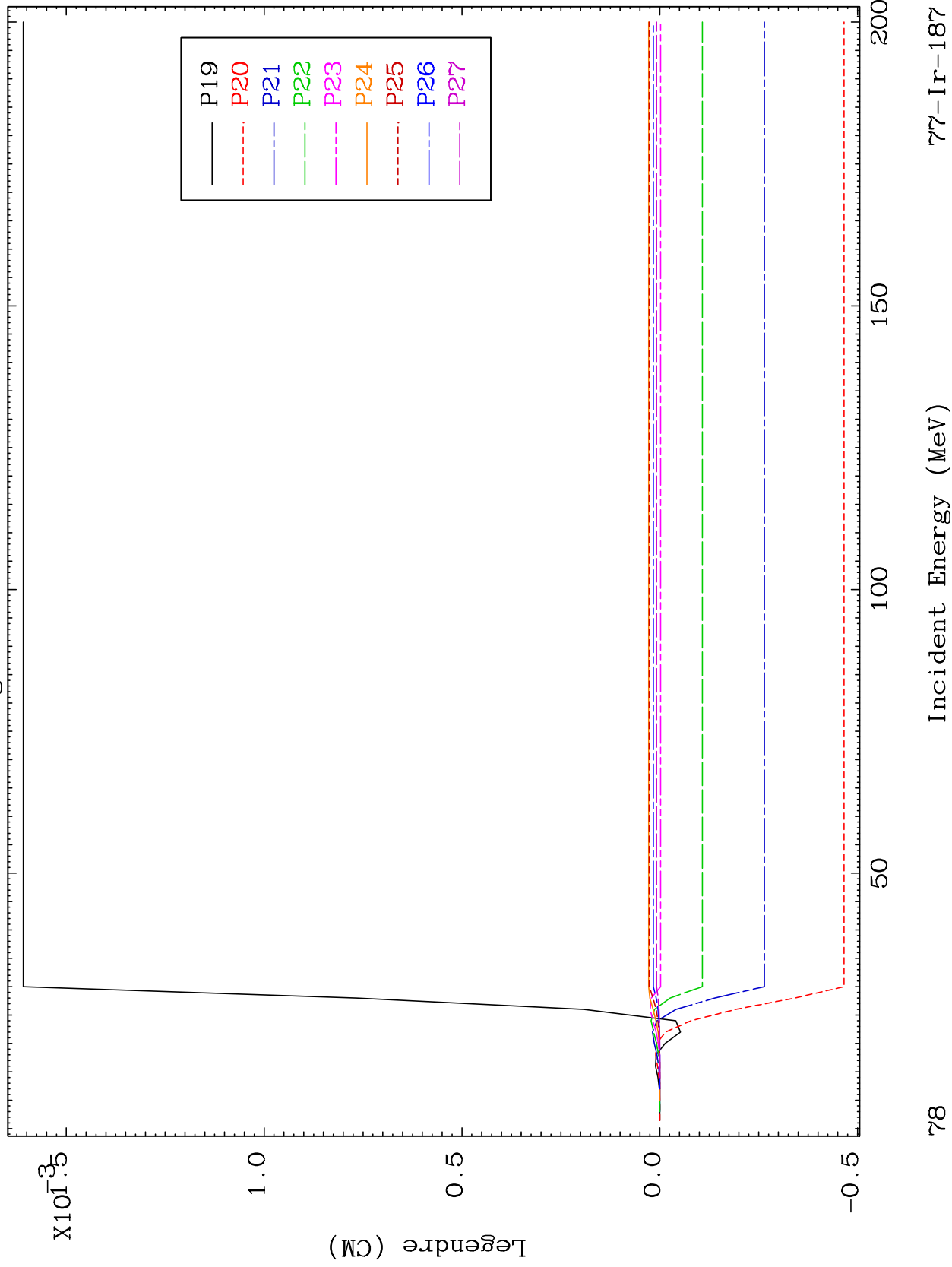
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



78

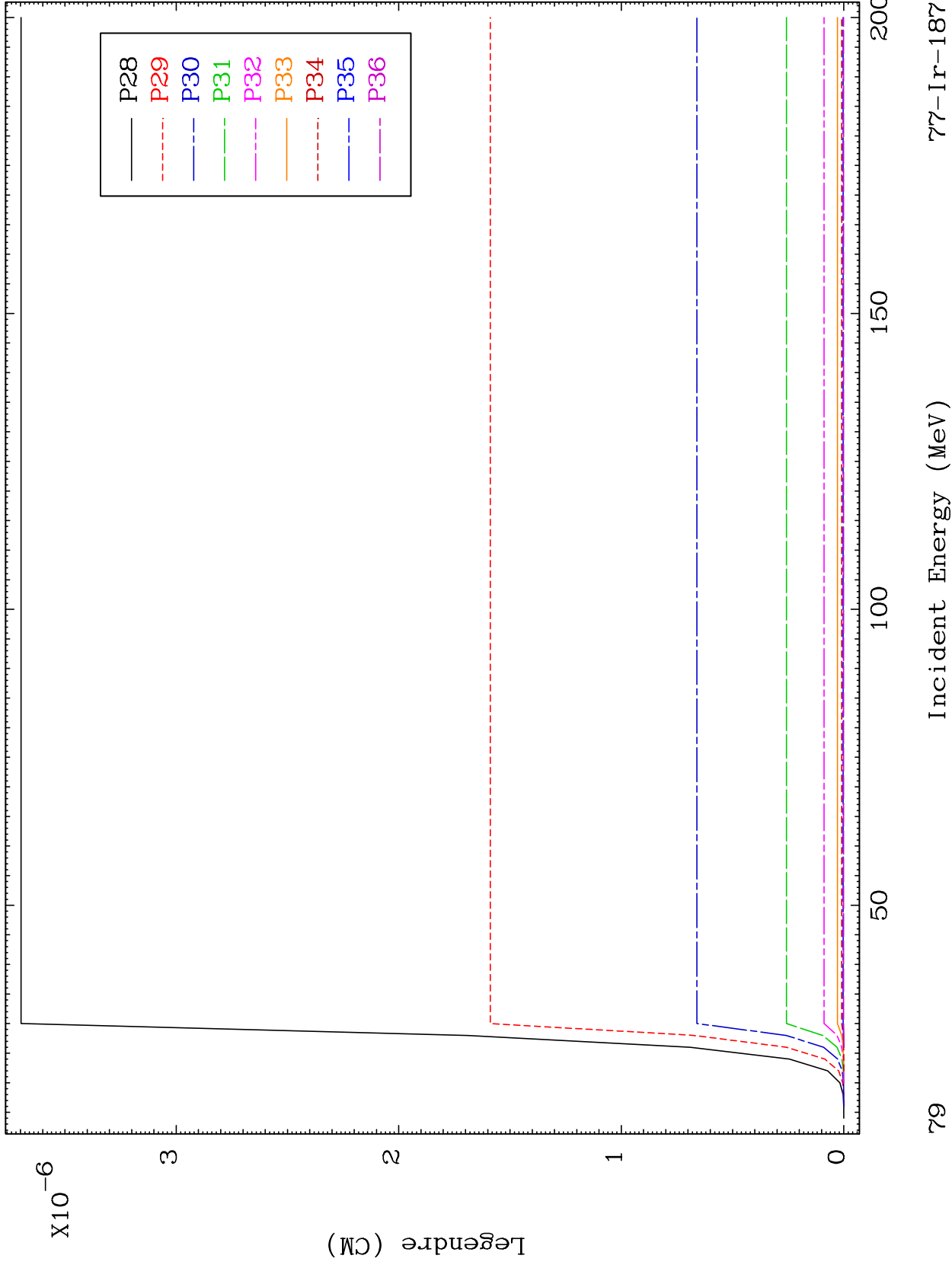
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



79

Incident Energy (MeV)

77-Ir-187

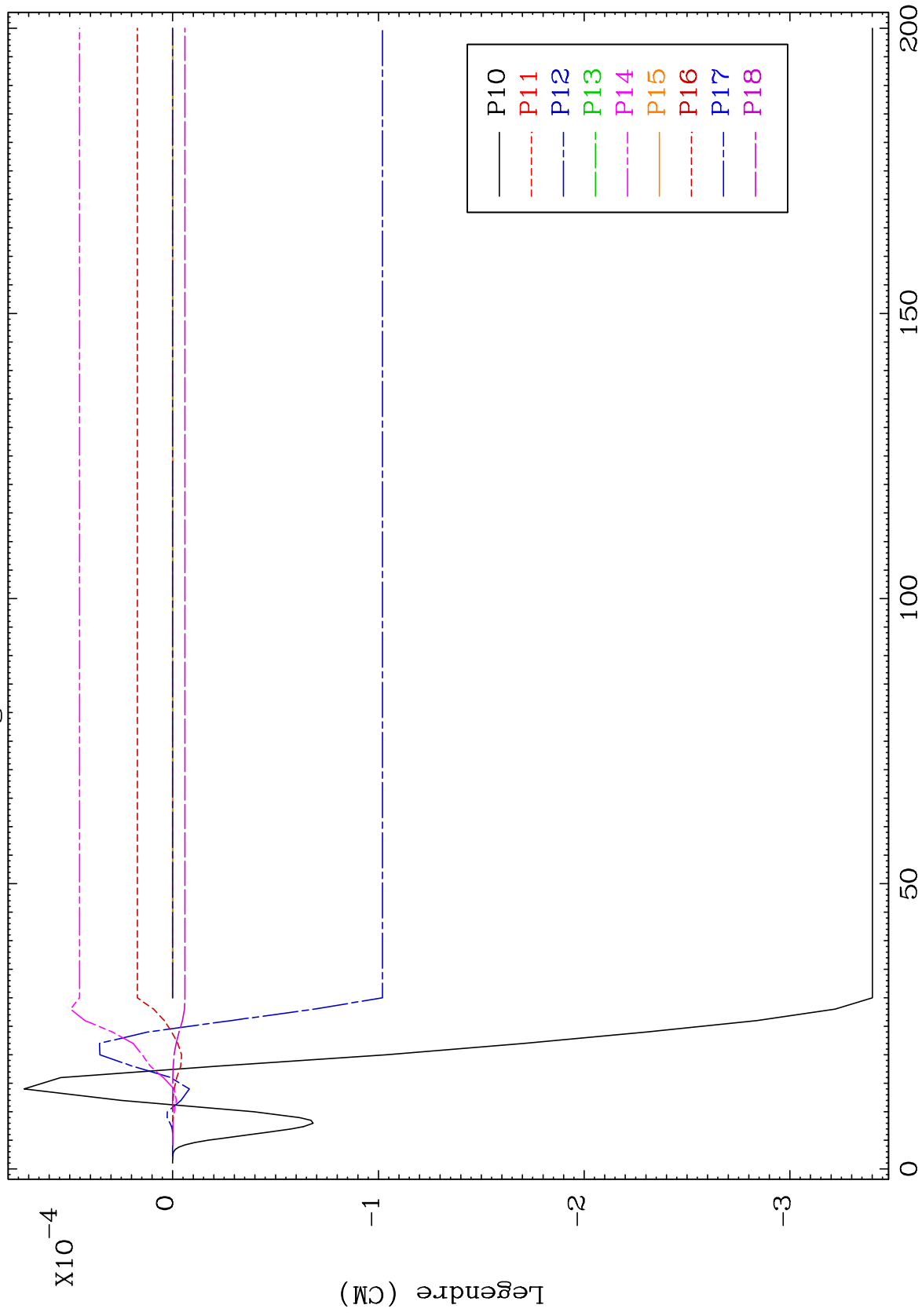




MAT 7713

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

77-Ir-187



81

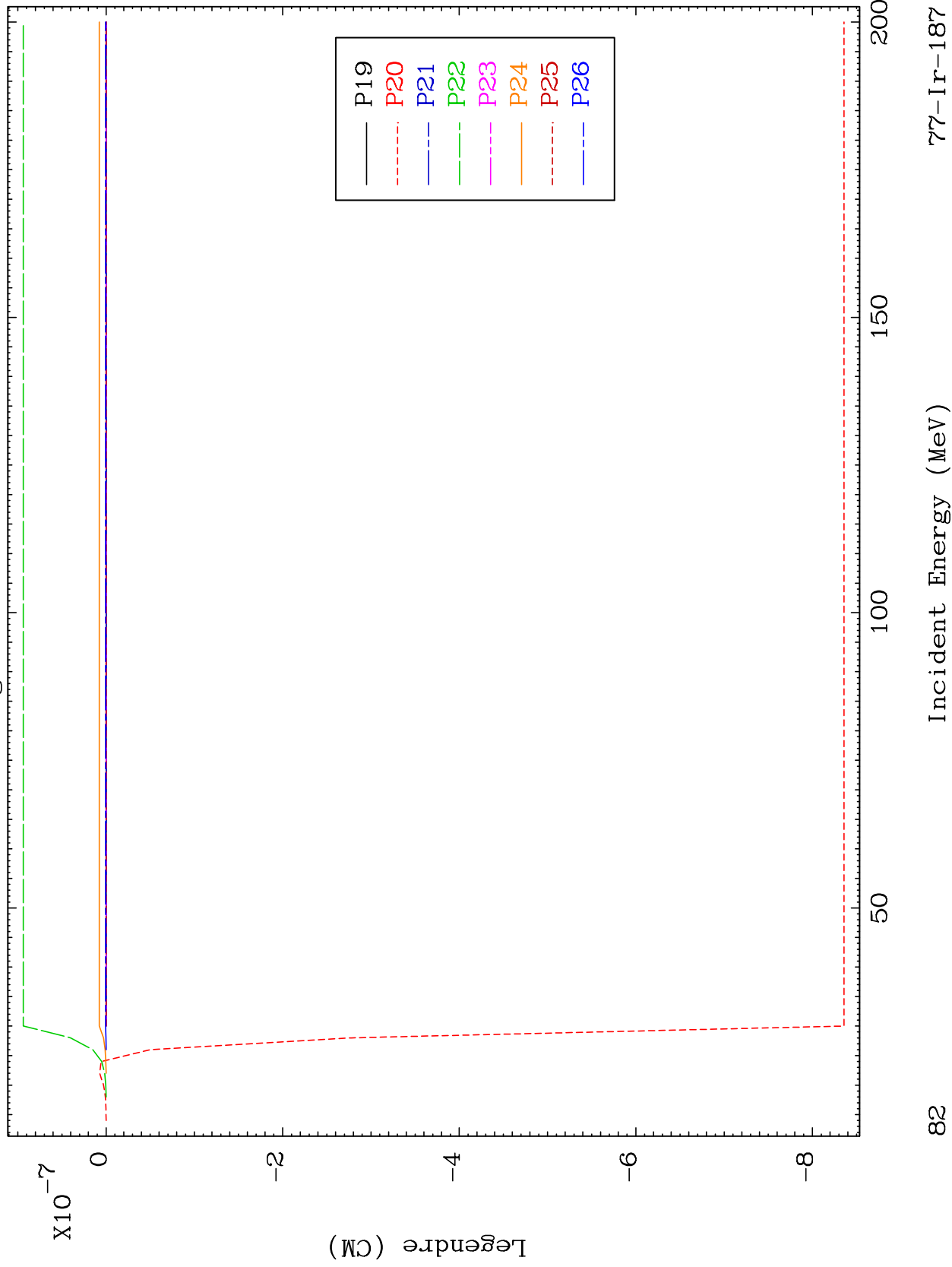
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



82

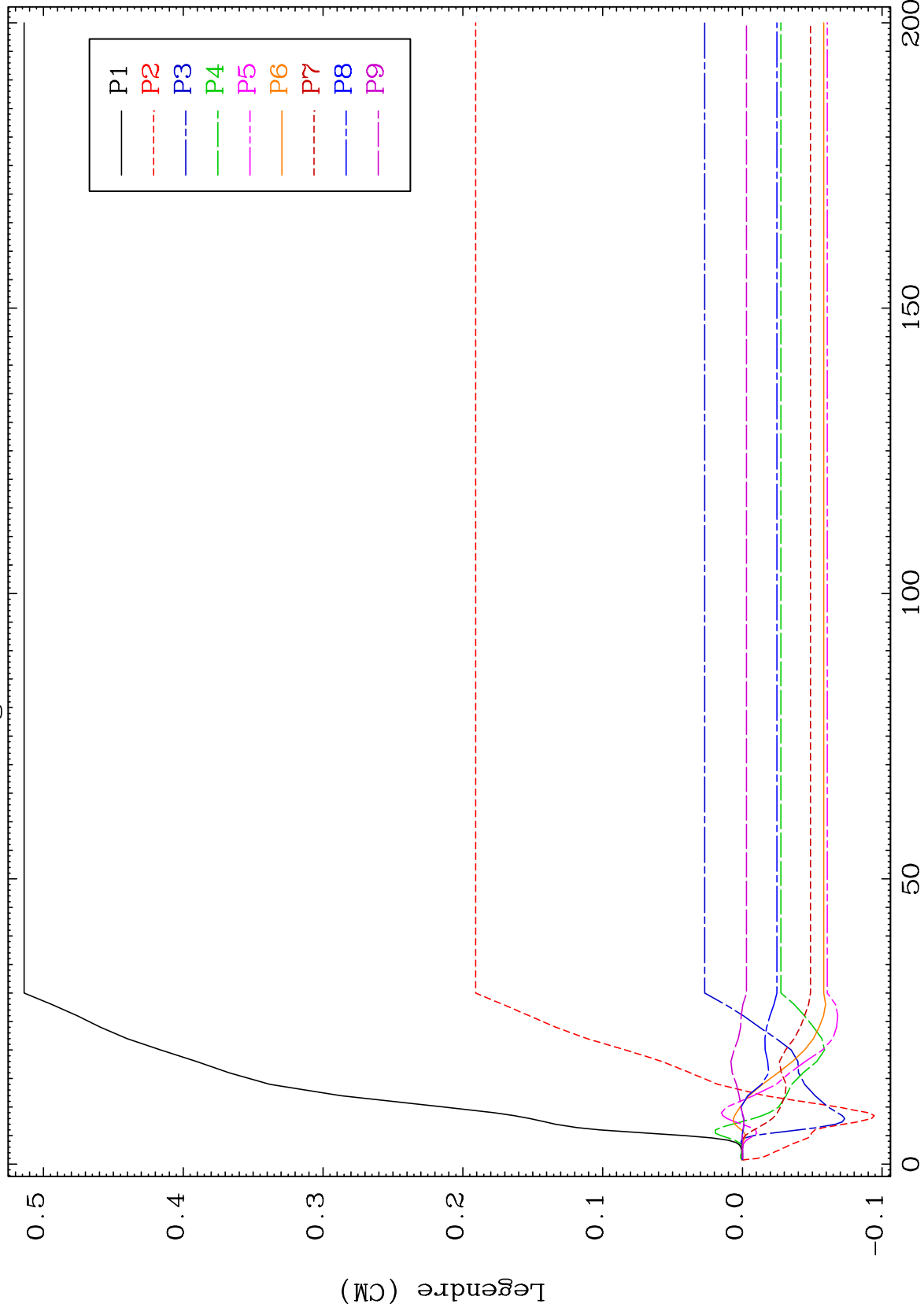
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



83

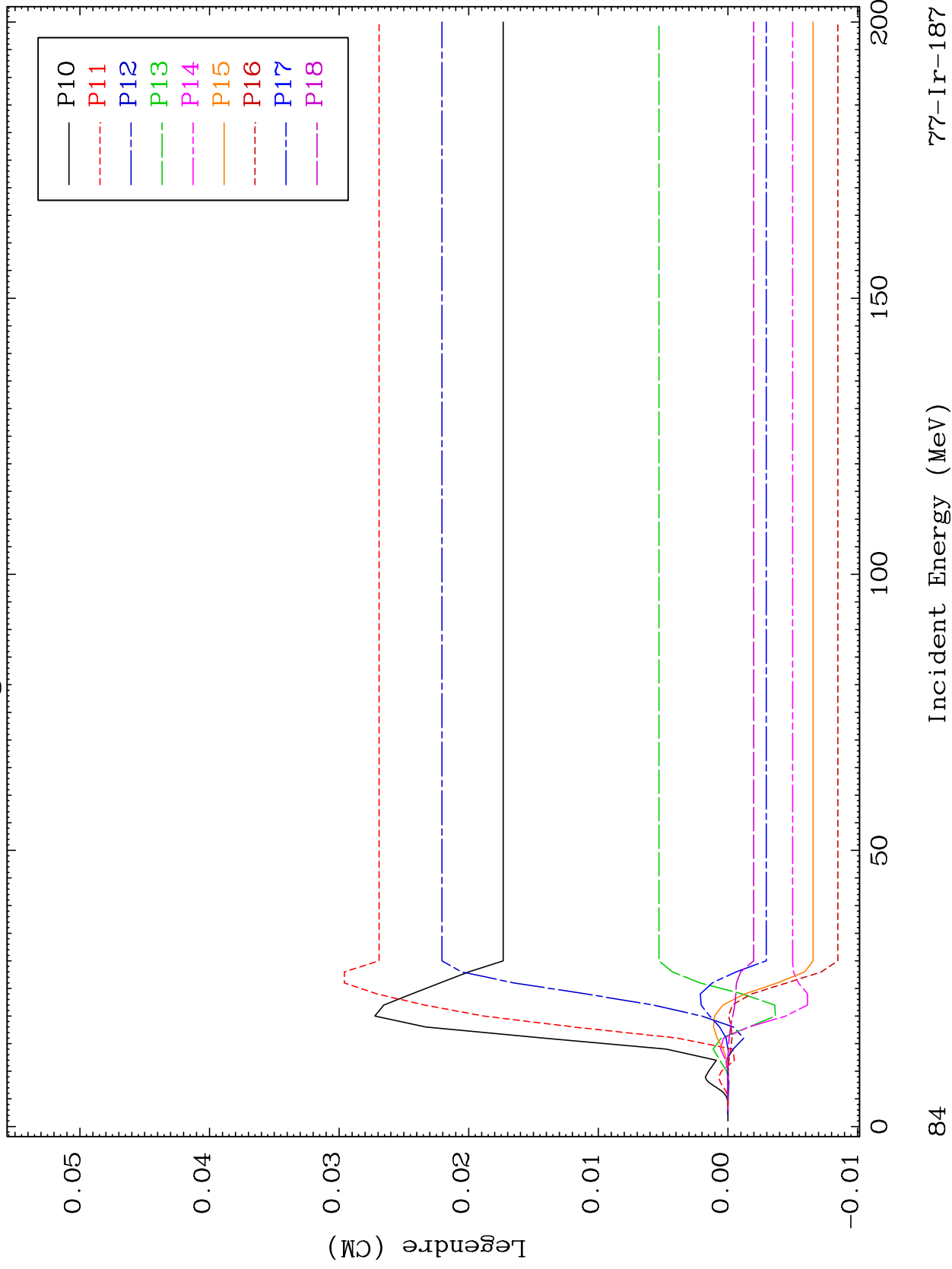
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

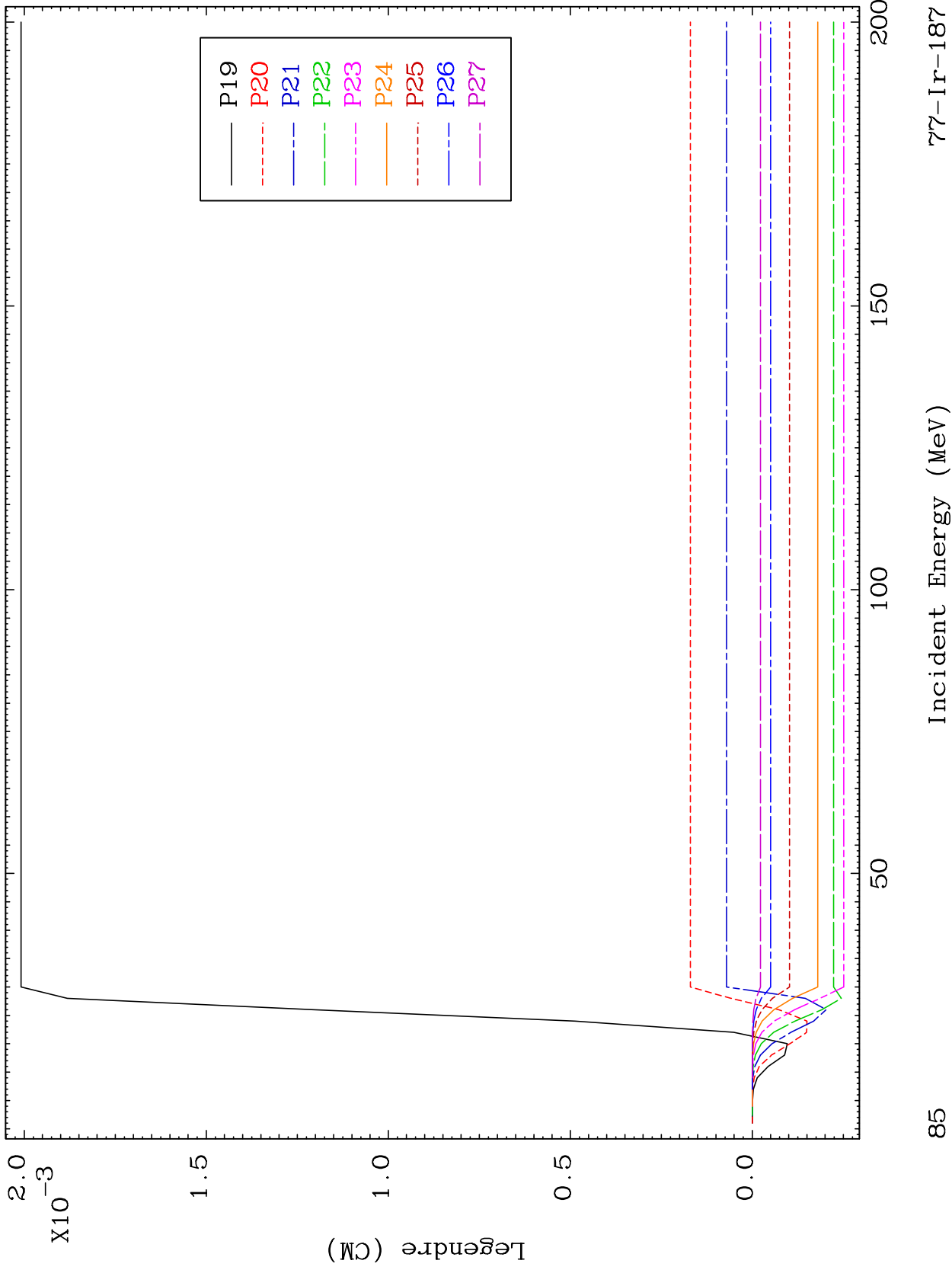
77-Ir-187

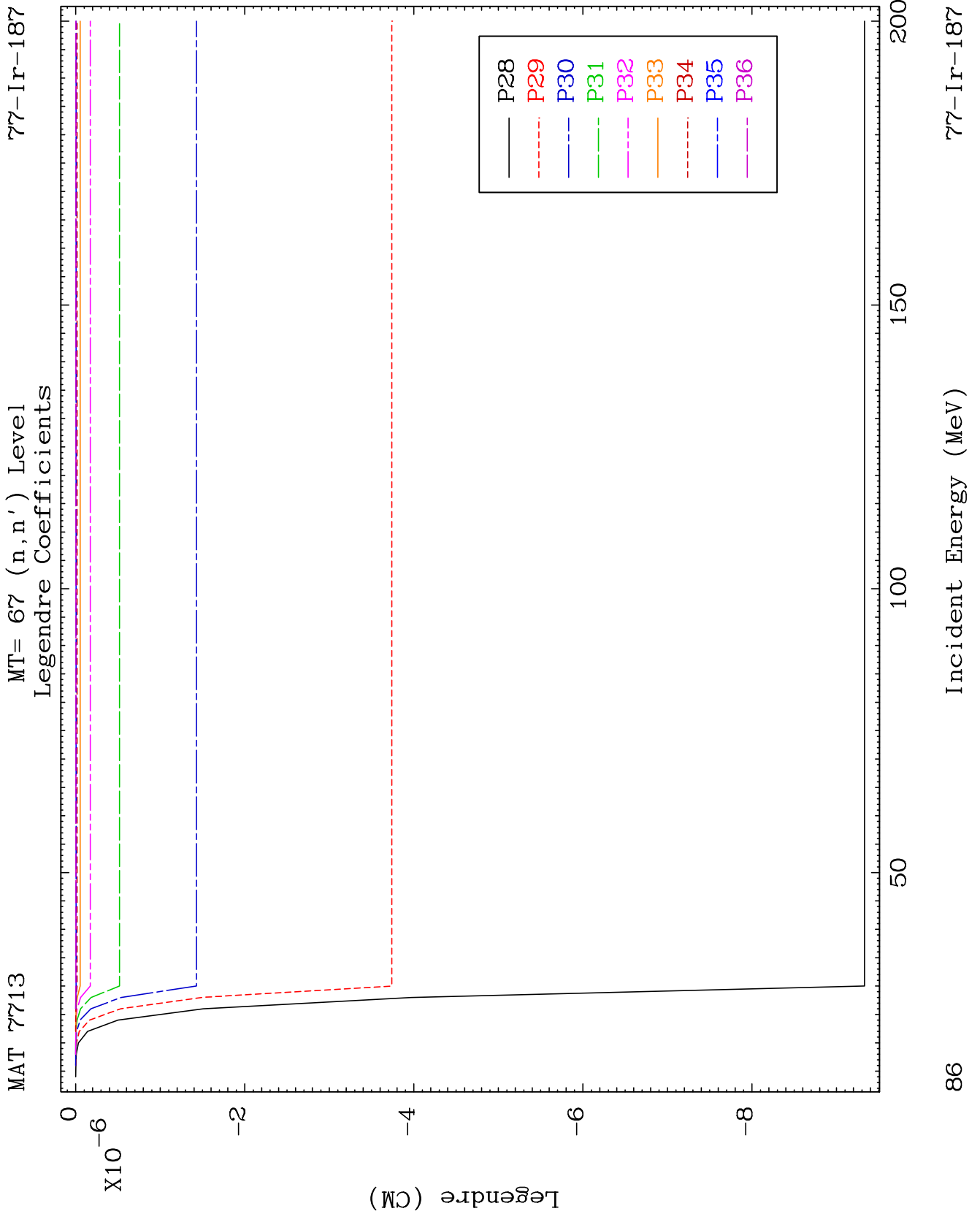


84

Incident Energy (MeV)

77-Ir-187

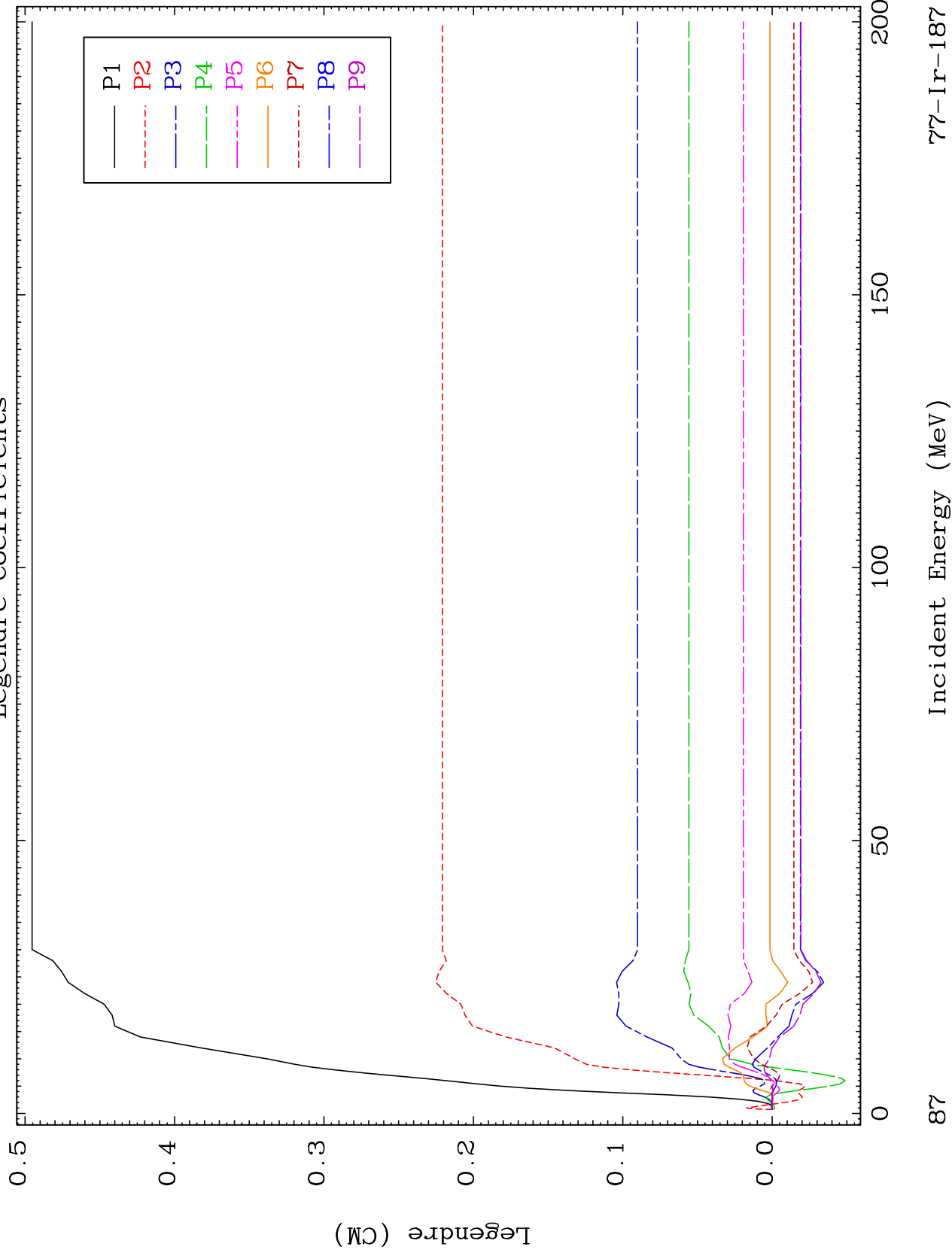




MAT 7713

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

77-Ir-187



77-Ir-187

Incident Energy (MeV)

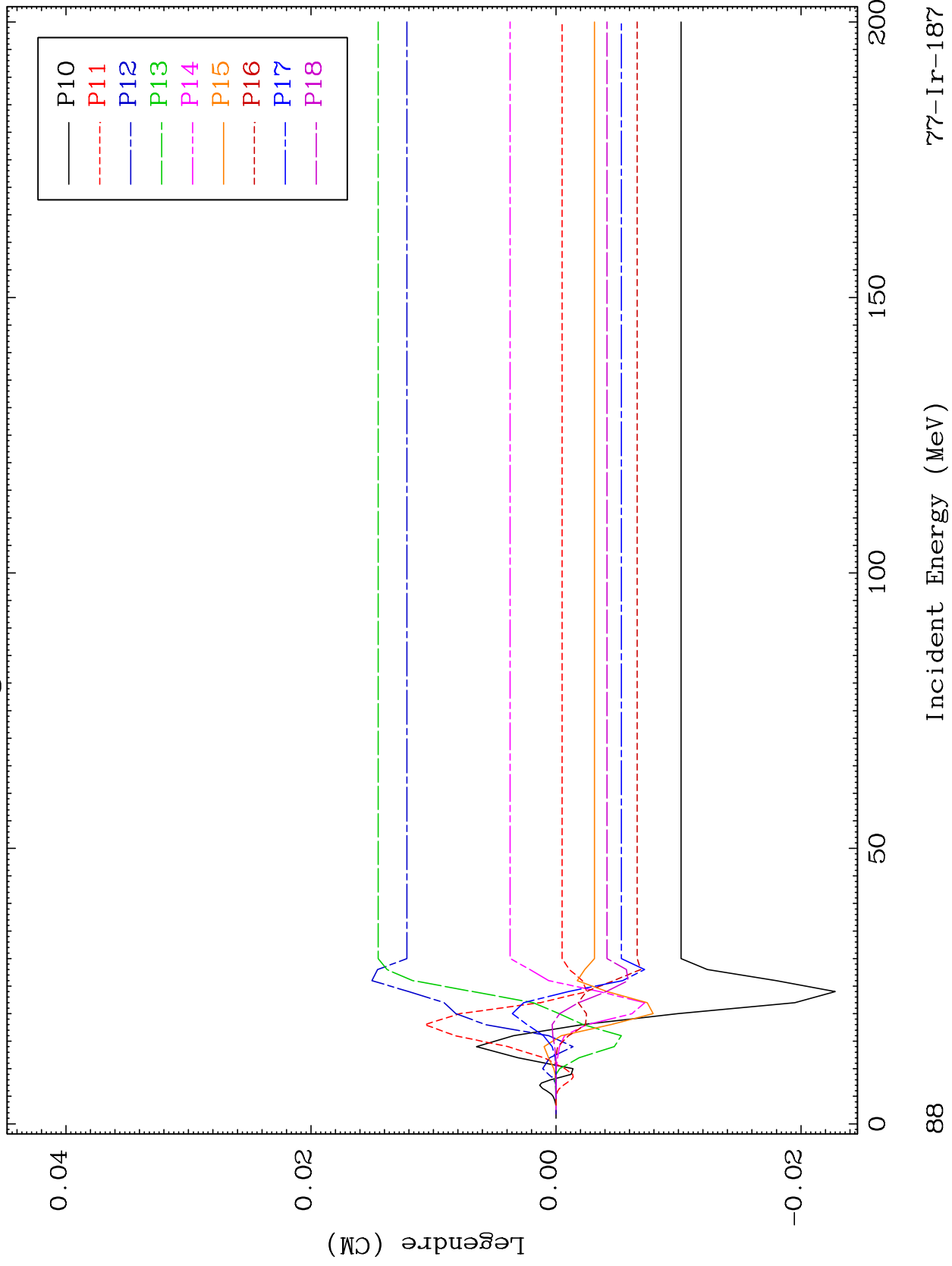
87



MAT 7713

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

77-Ir-187



77-Ir-187

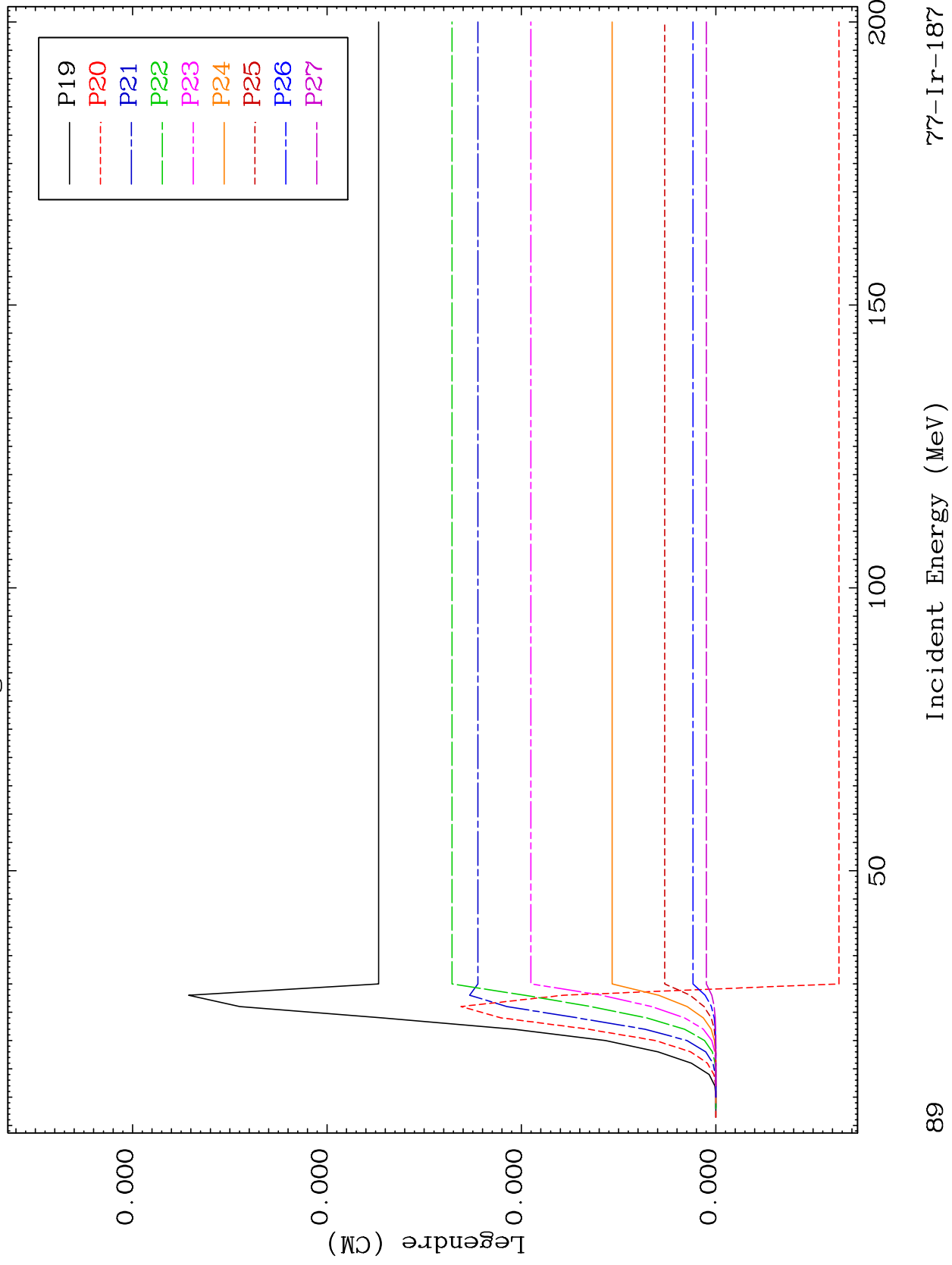
Incident Energy (MeV)

88

MAT 7713

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

77-Ir-187



89

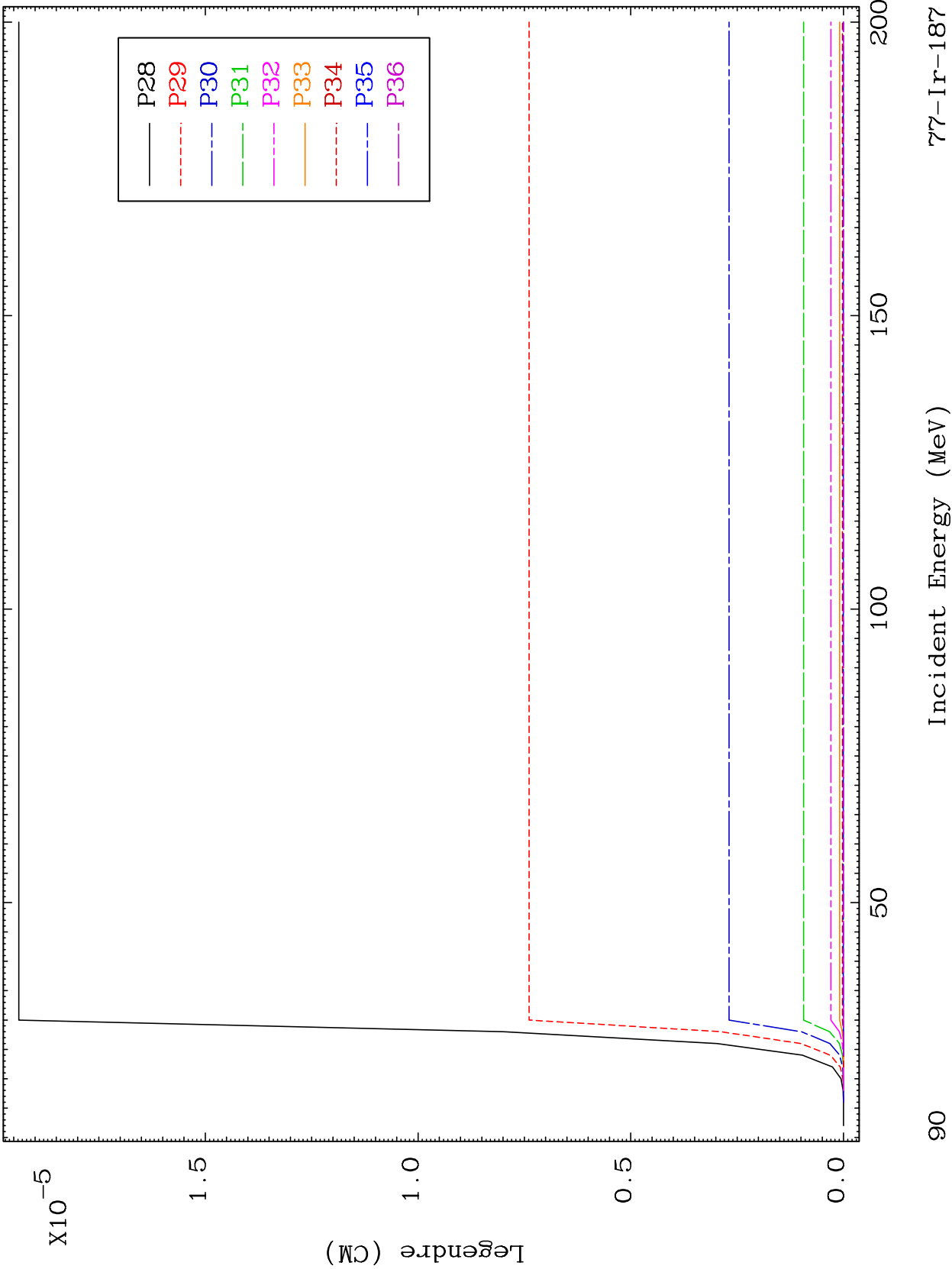
Incident Energy (MeV)

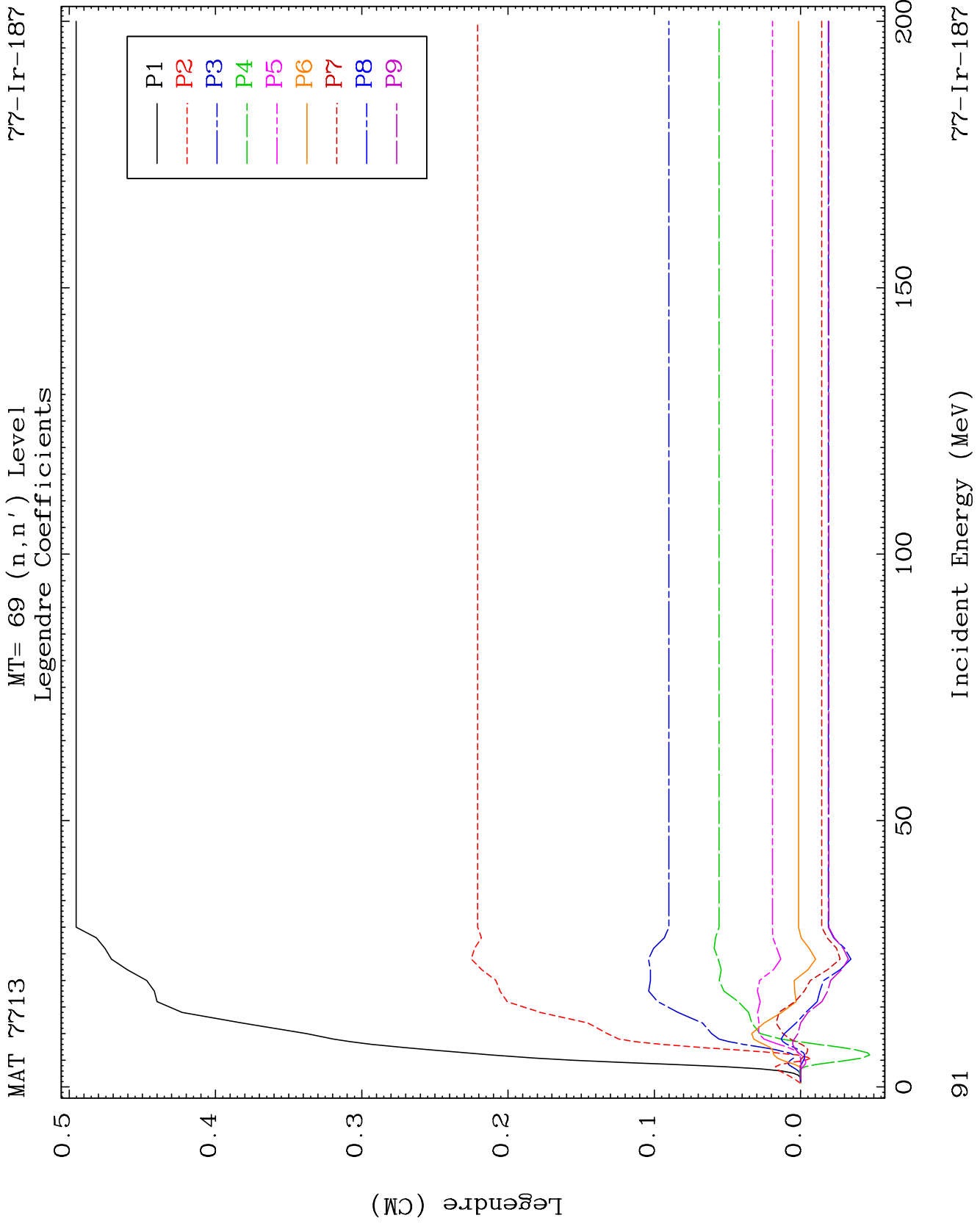
77-Ir-187

MAT 7713

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

77-Ir-187

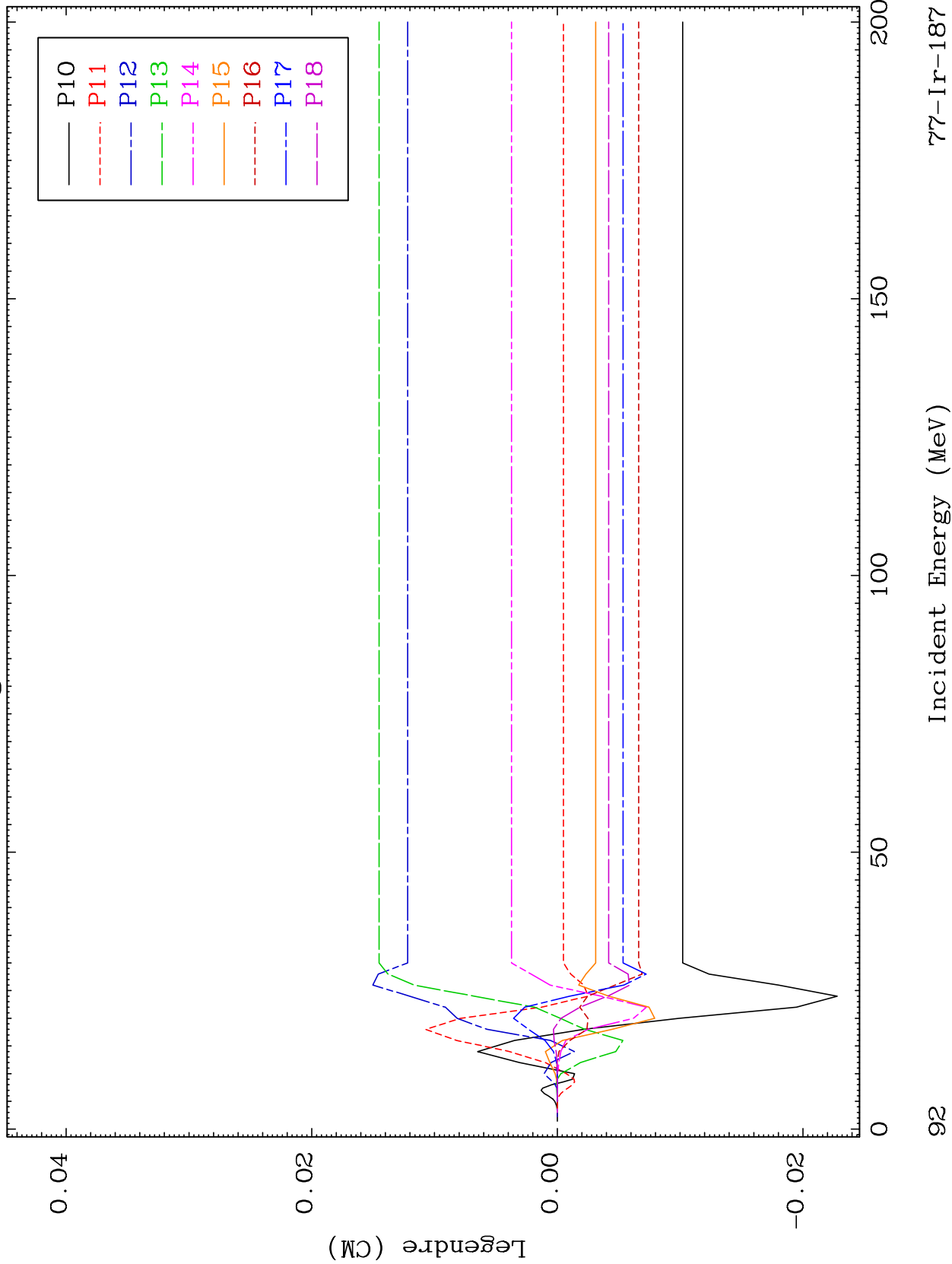




MAT 7713

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

77-Ir-187



77-Ir-187

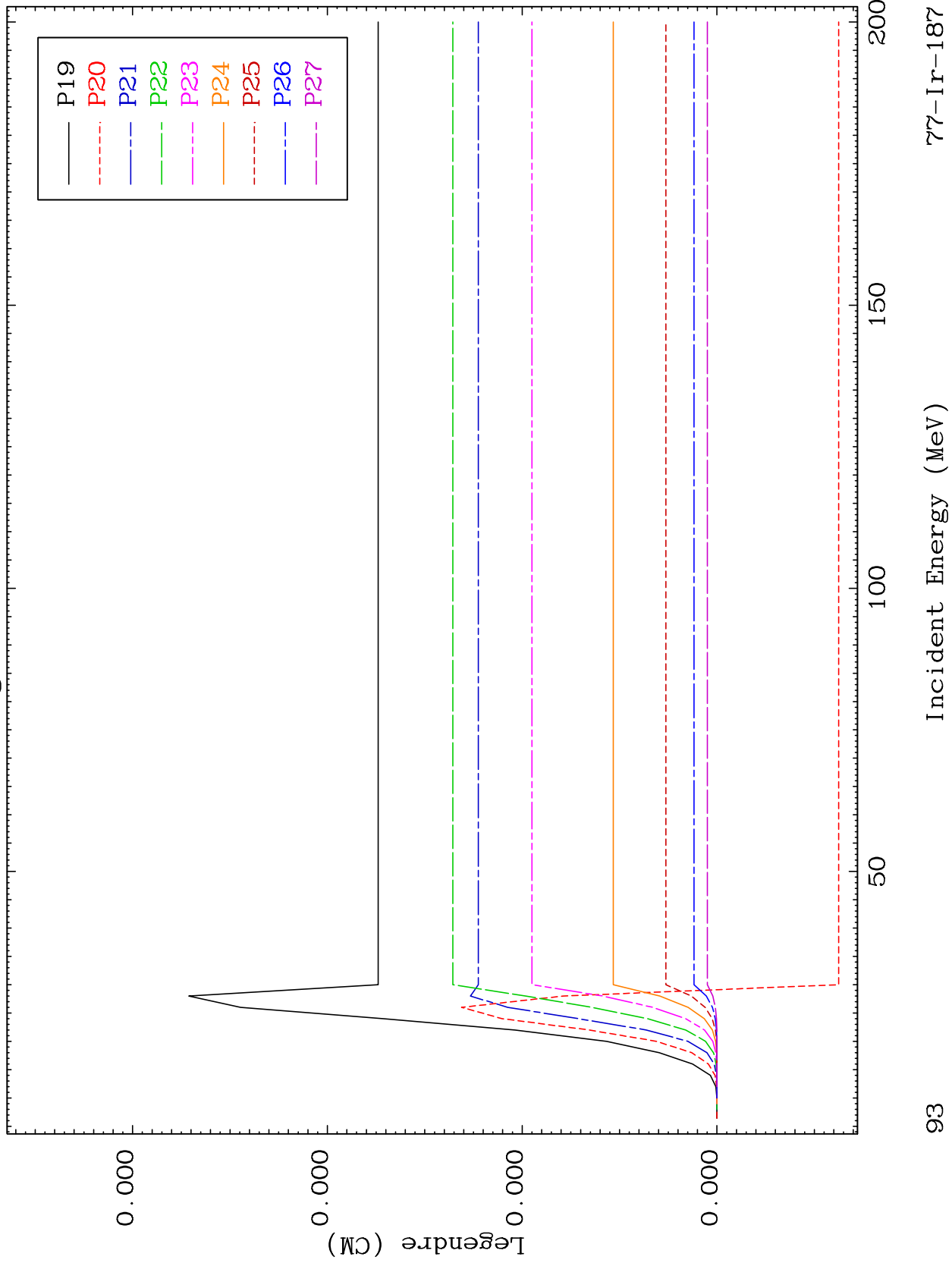
Incident Energy (MeV)

92

MAT 7713

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

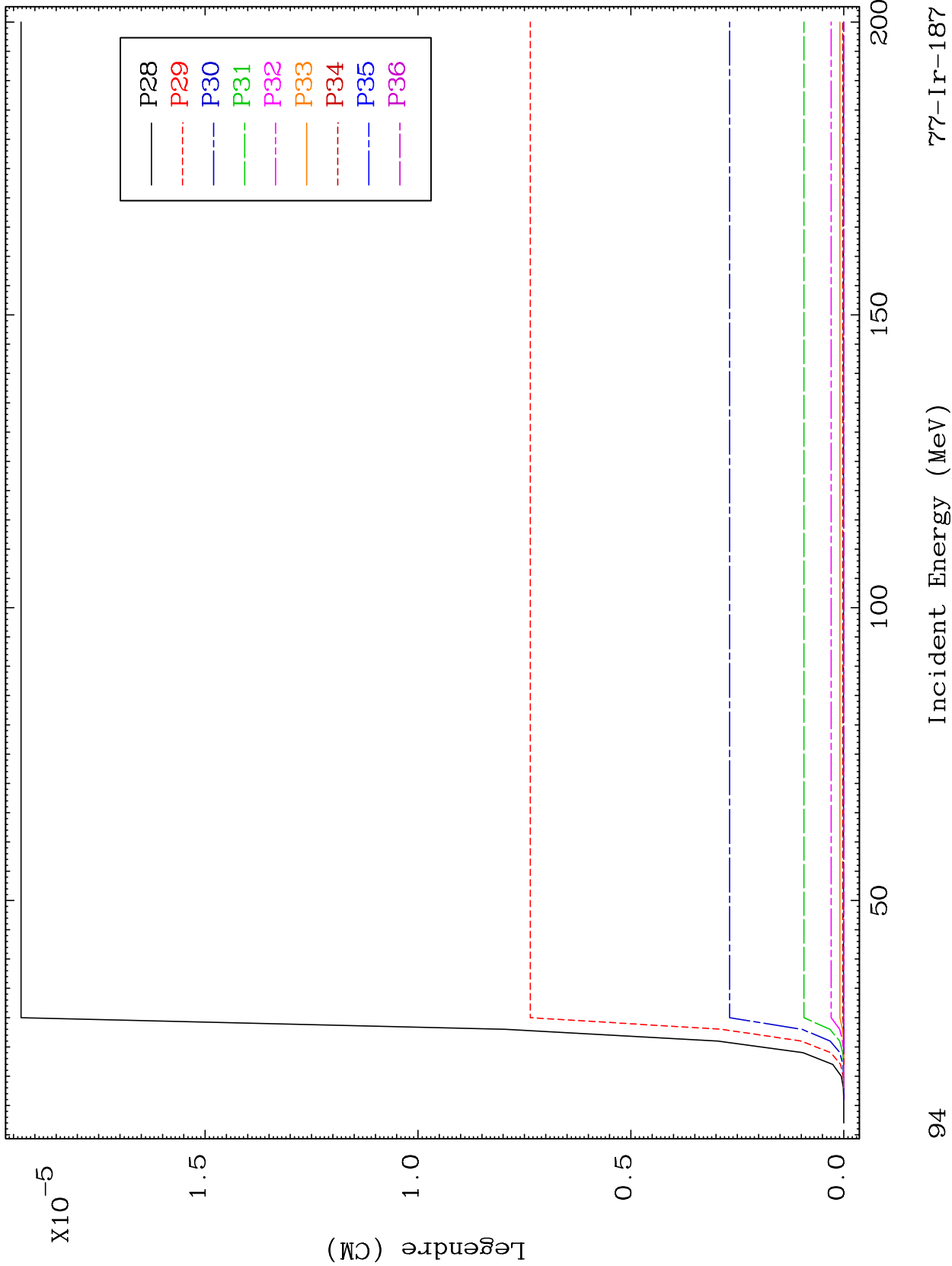
77-Ir-187



MAT 7713

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

77-Ir-187



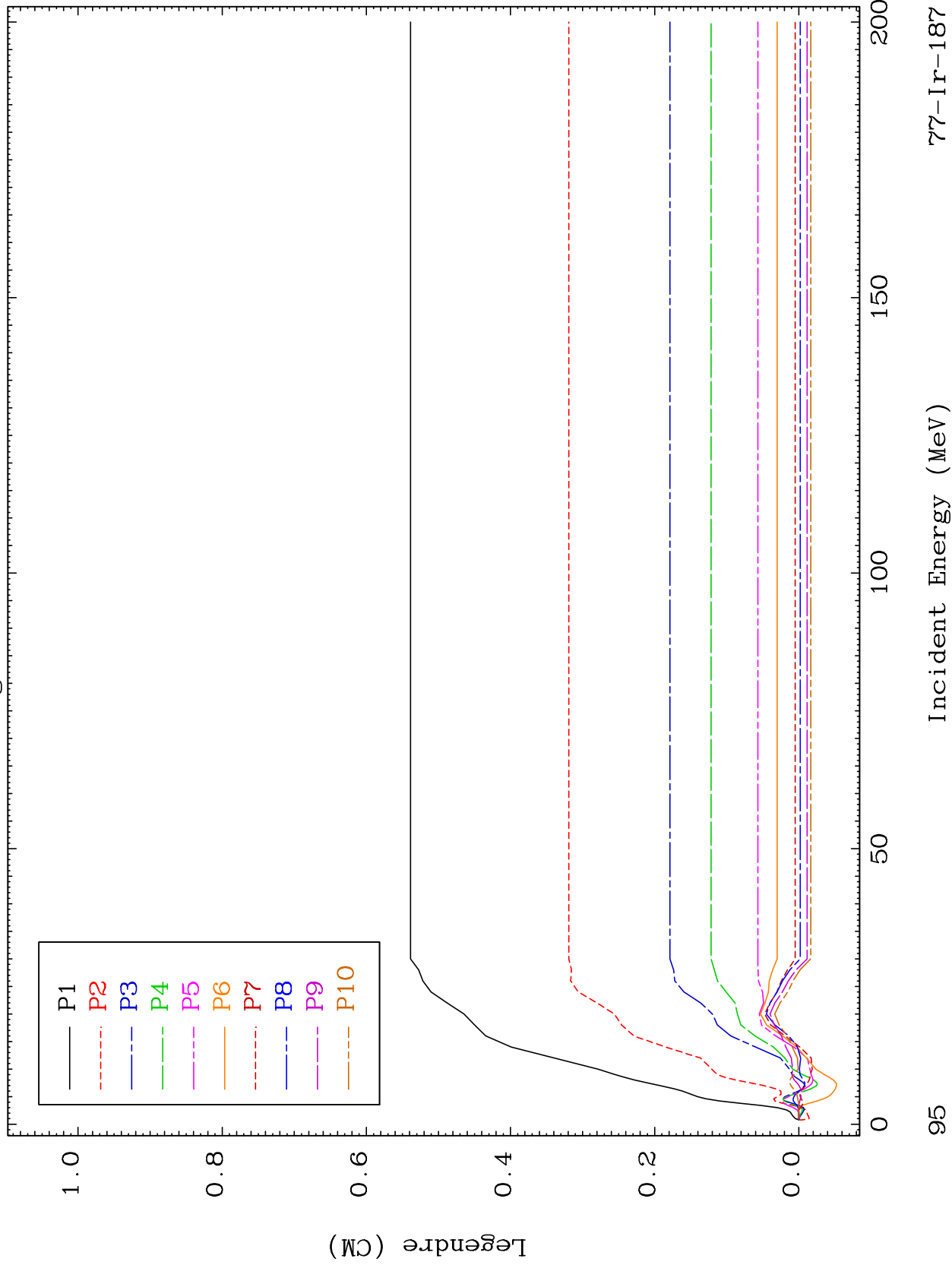
94

77-Ir-187

MAT 7713

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

<sup>77</sup>Ir-187



<sup>77</sup>Ir-187

Incident Energy (MeV)

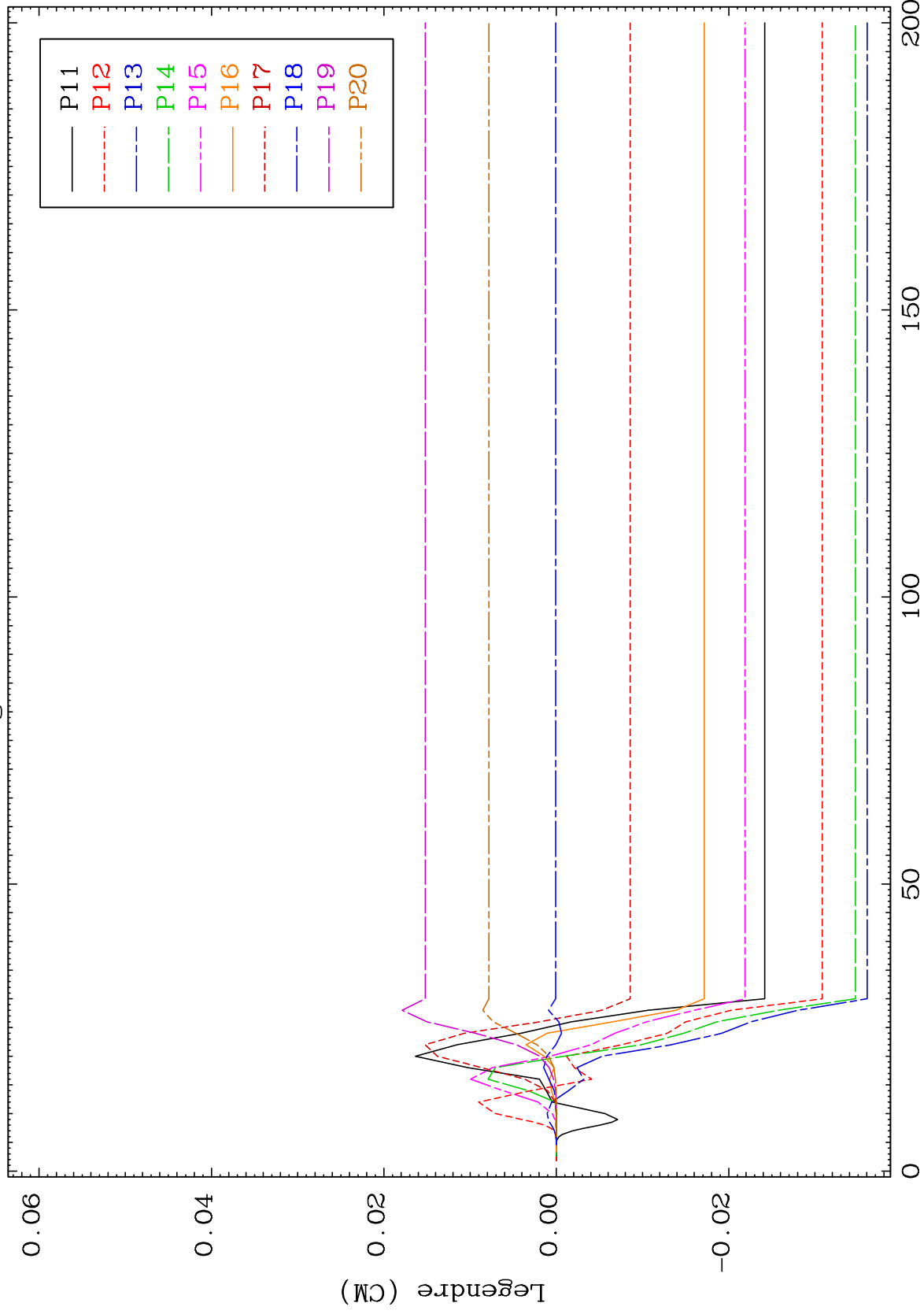
95



MAT 7713

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

77-Ir-187



96

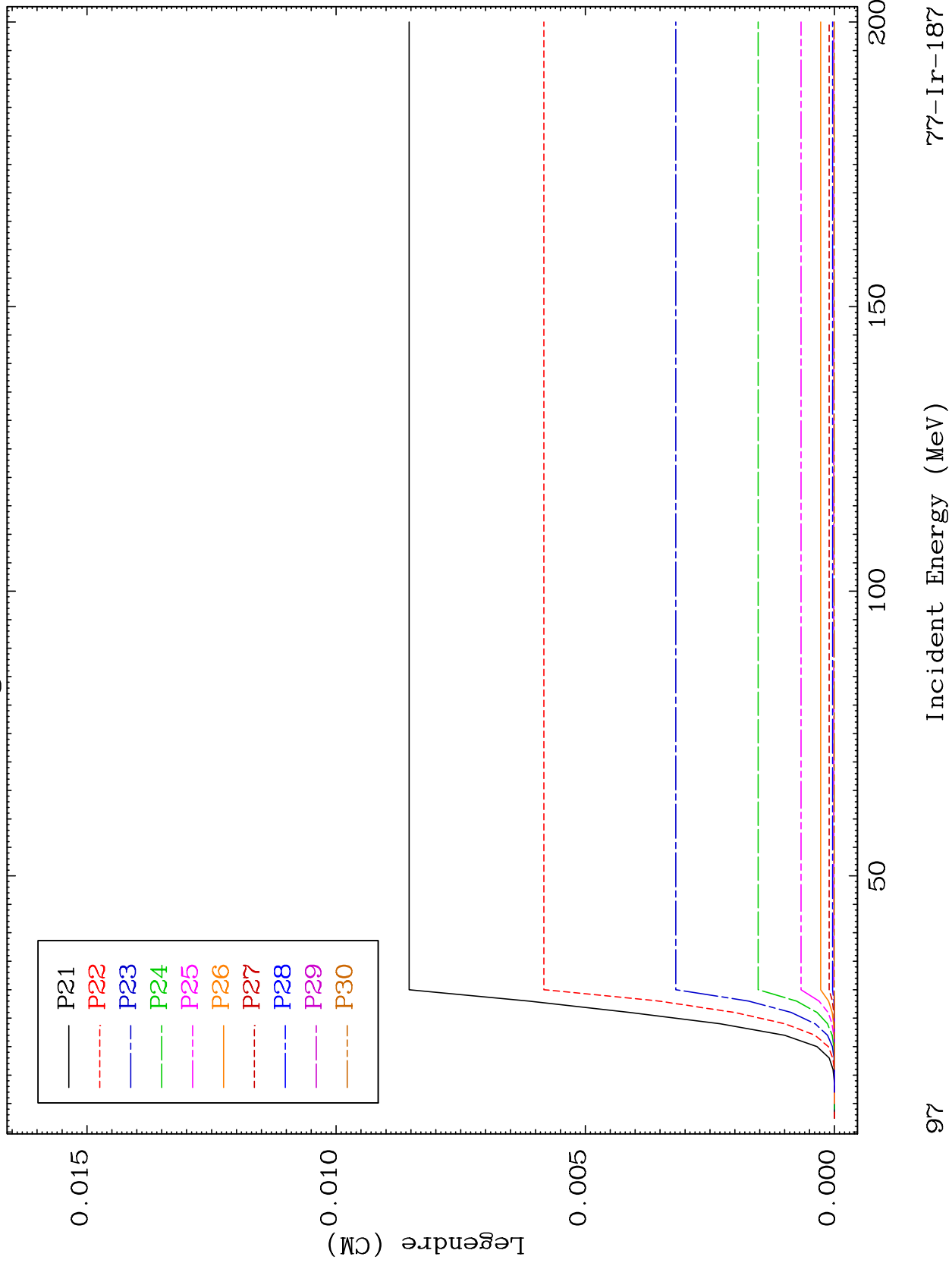
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



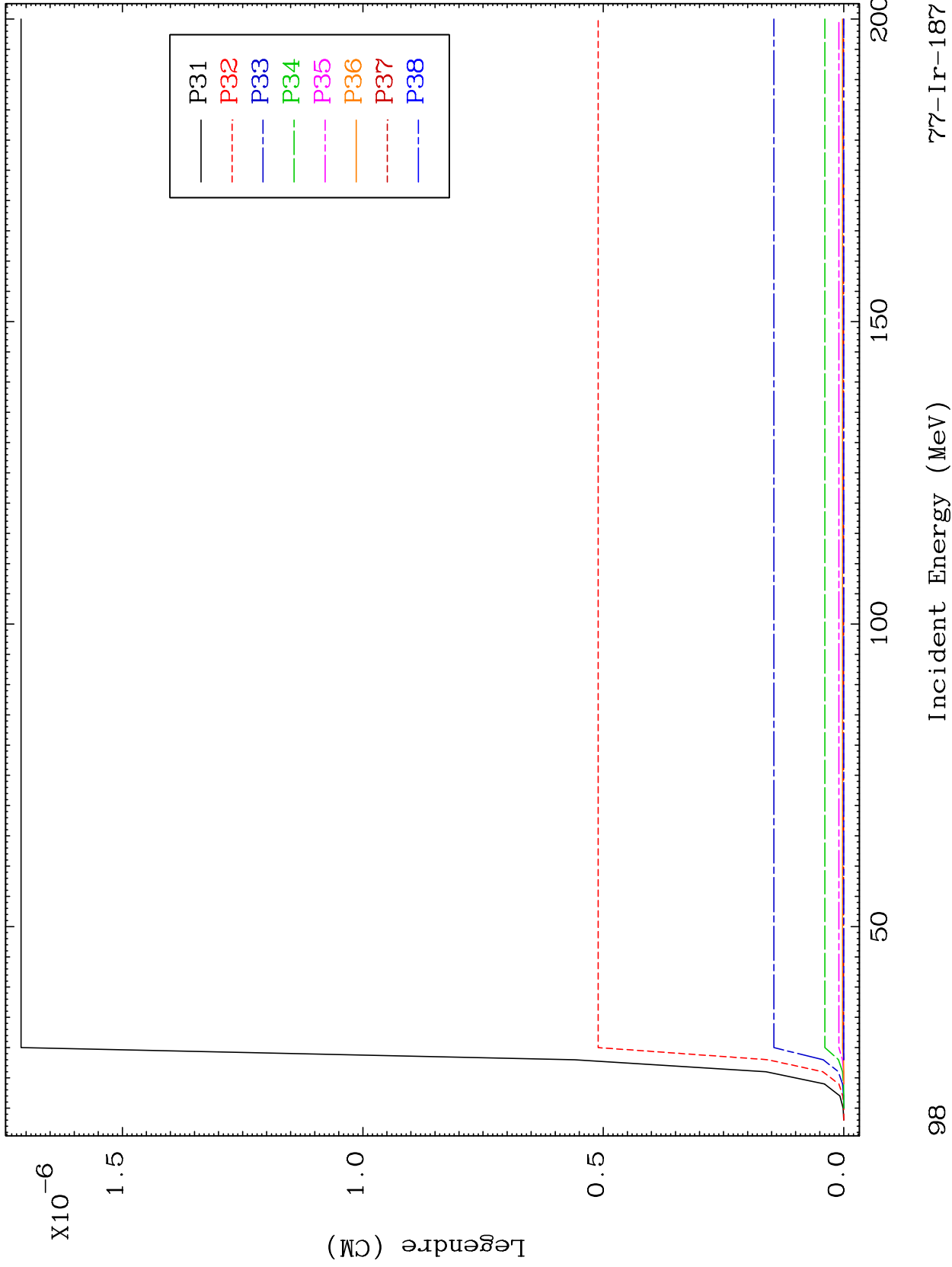
97

77-Ir-187

MAT 7713

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

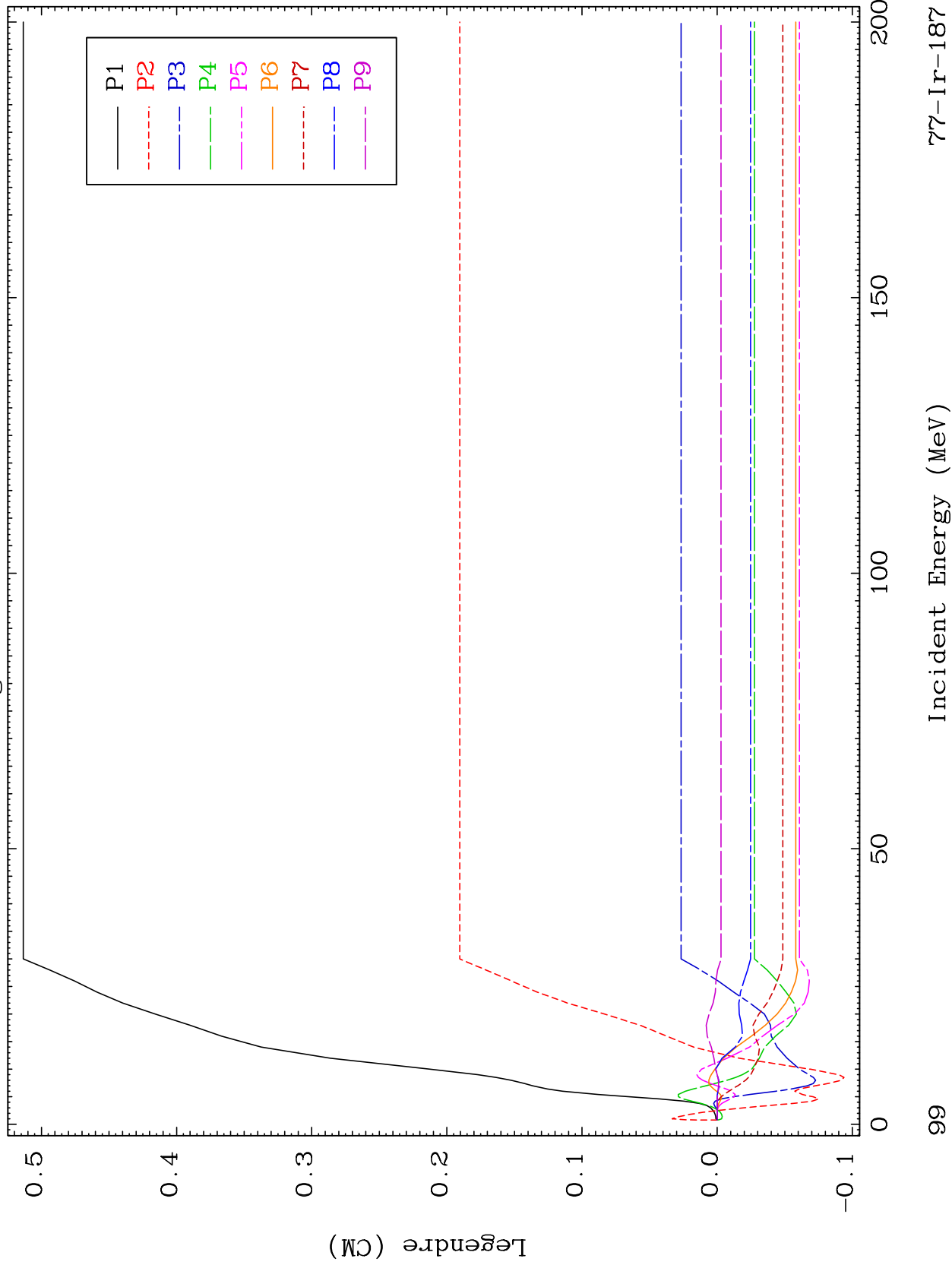
77-Ir-187



MAT 7713

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

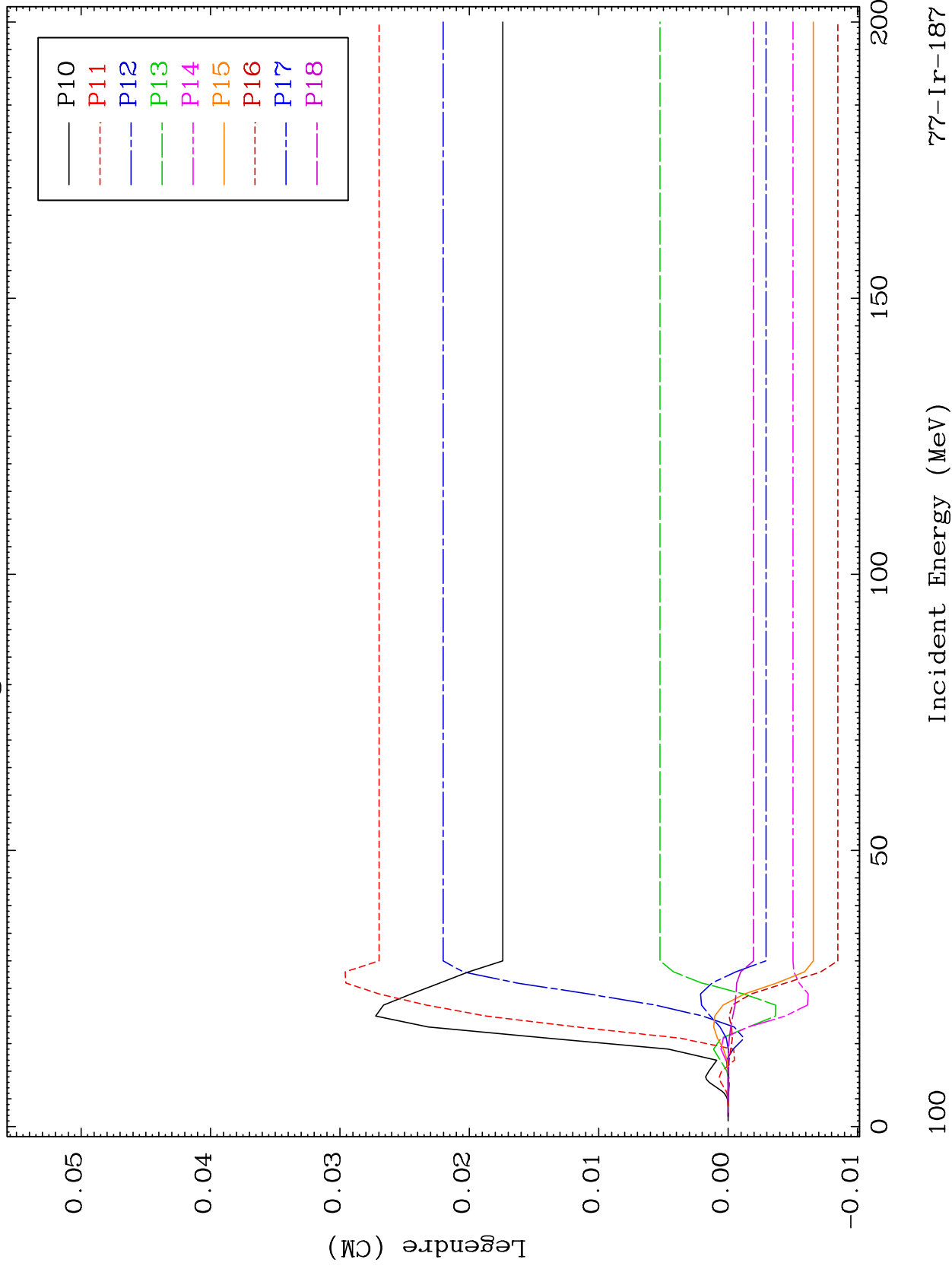
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

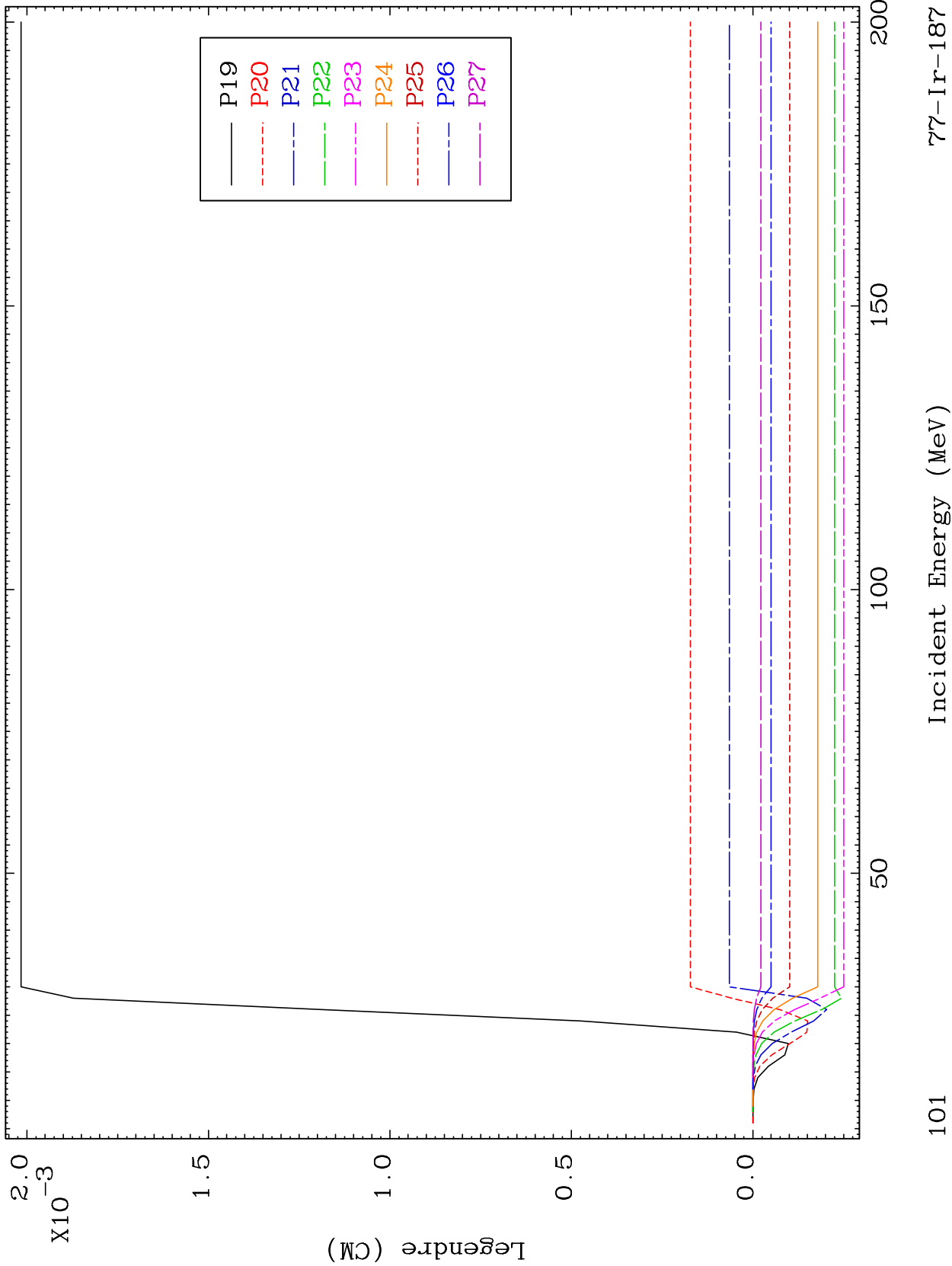
Incident Energy (MeV)

100

MAT 7713

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

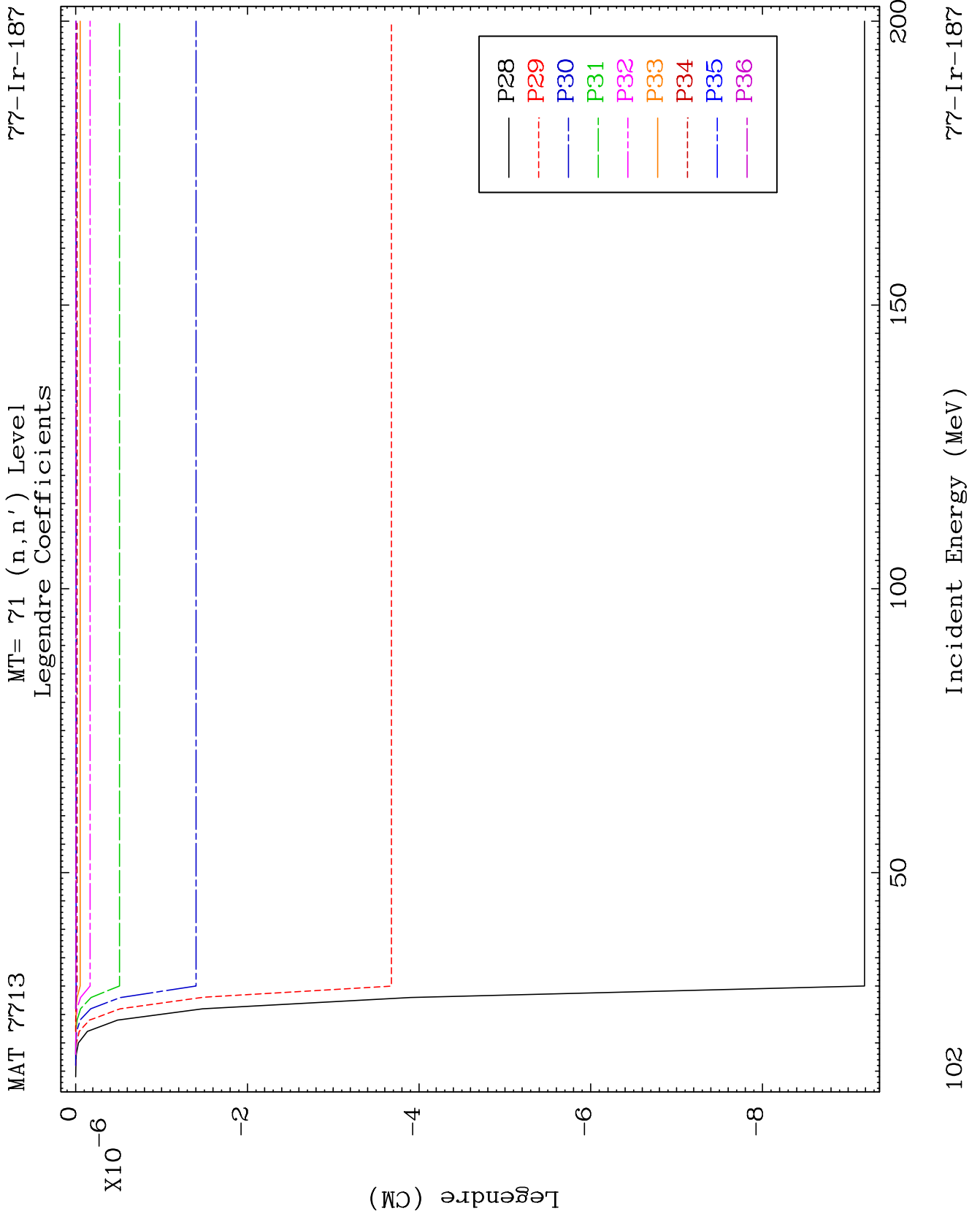
77-Ir-187



101

Incident Energy (MeV)

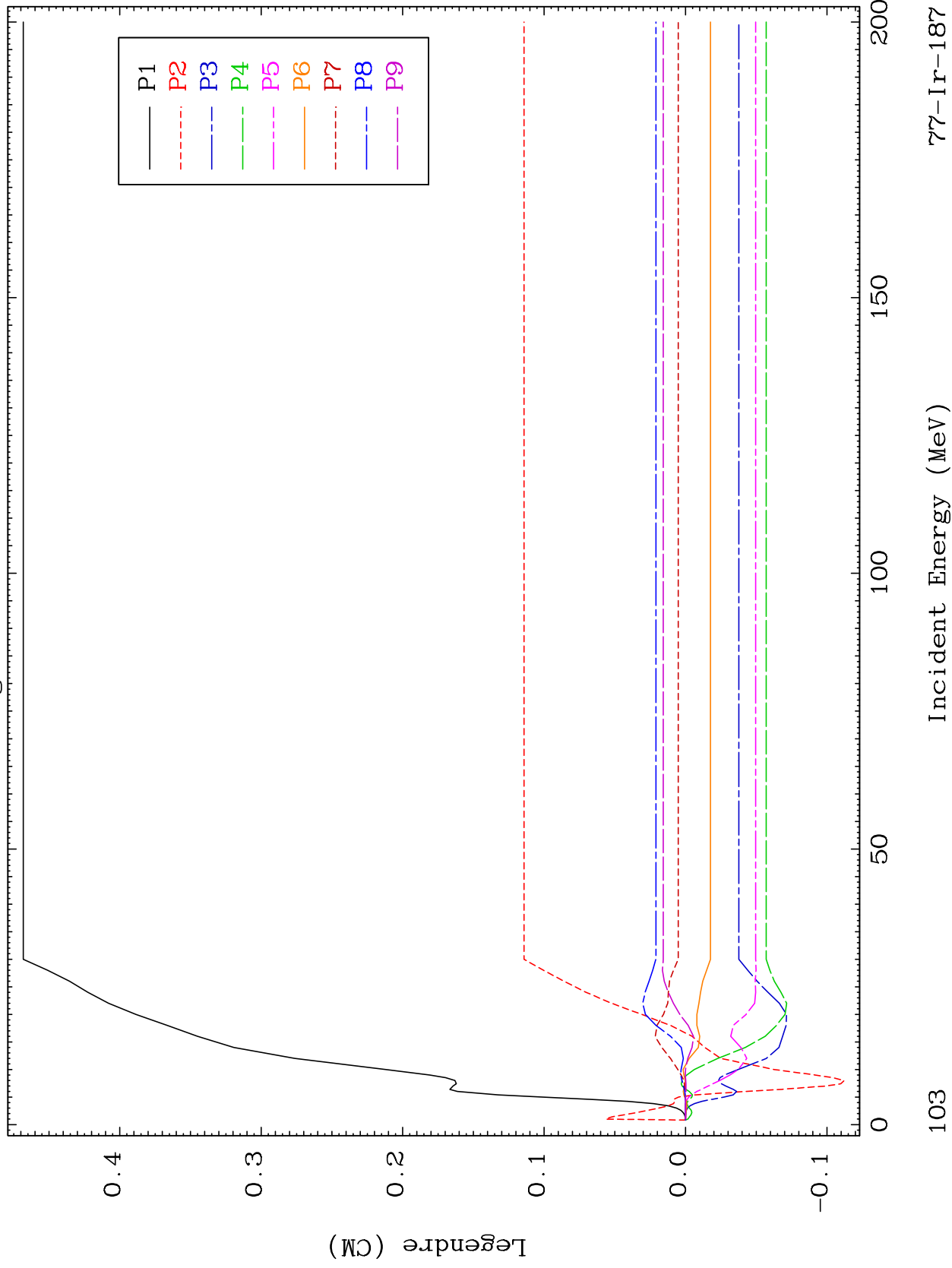
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

Incident Energy (MeV)

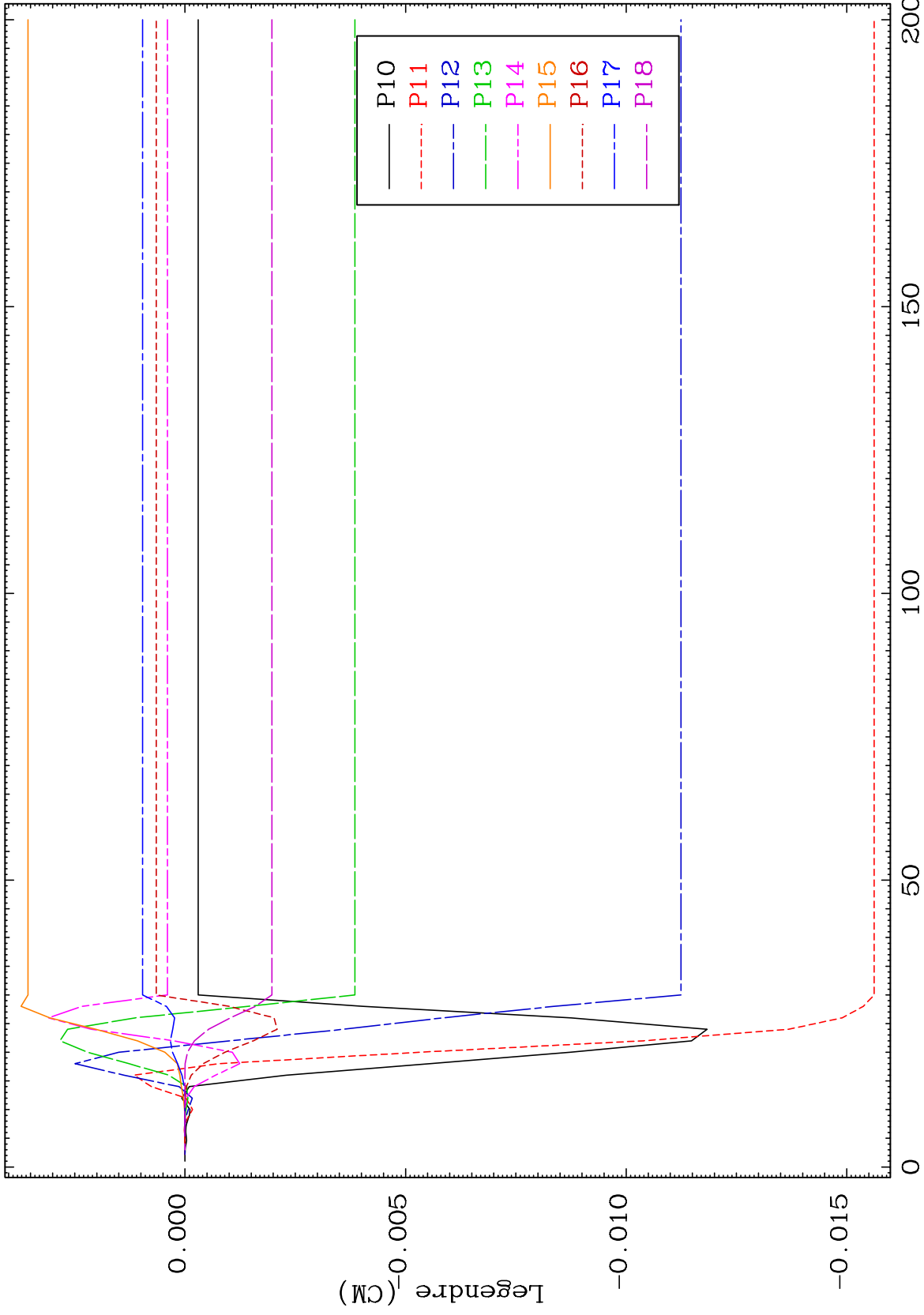
103



MAT 7713

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

77-Ir-187



104

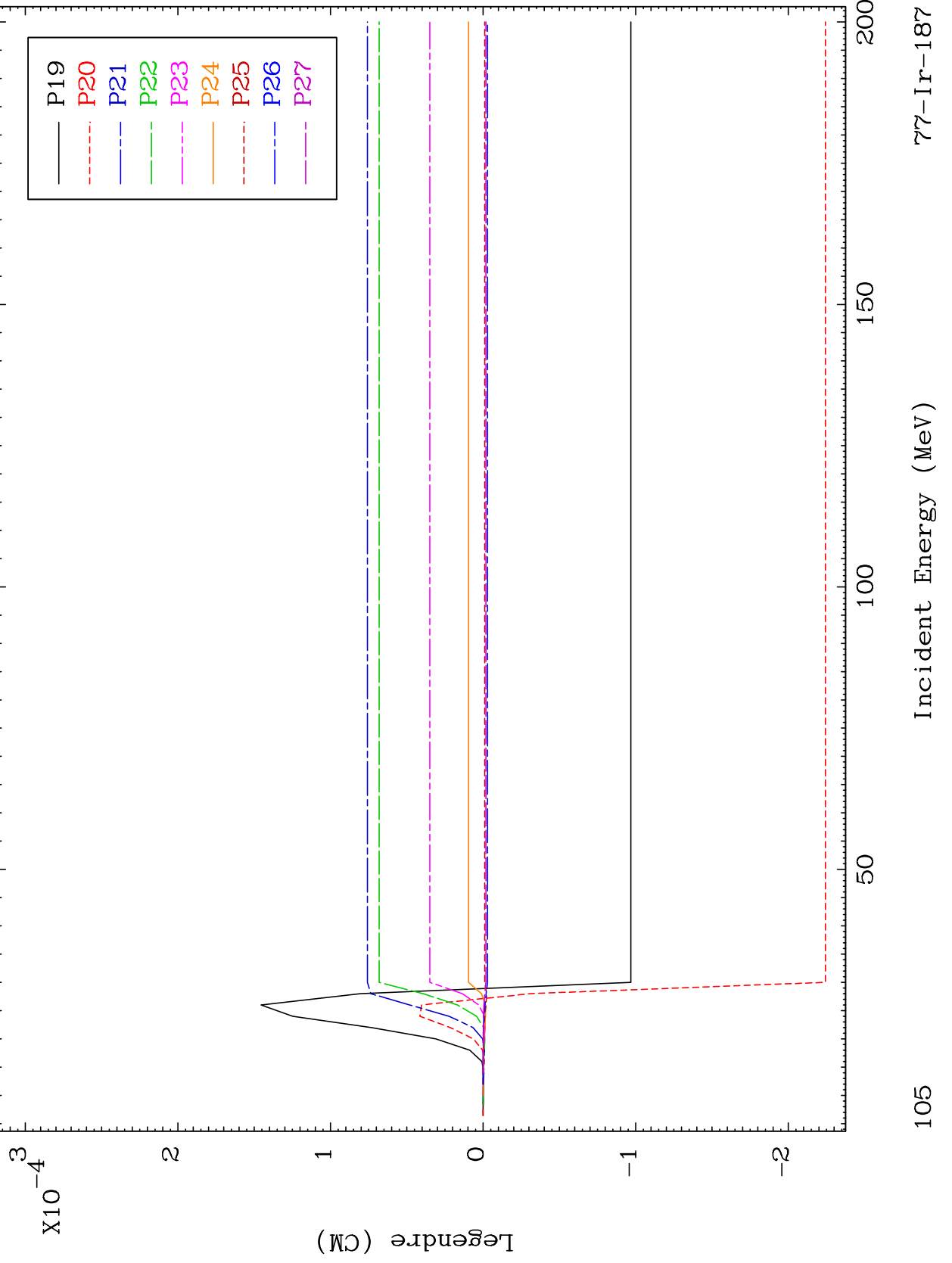
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

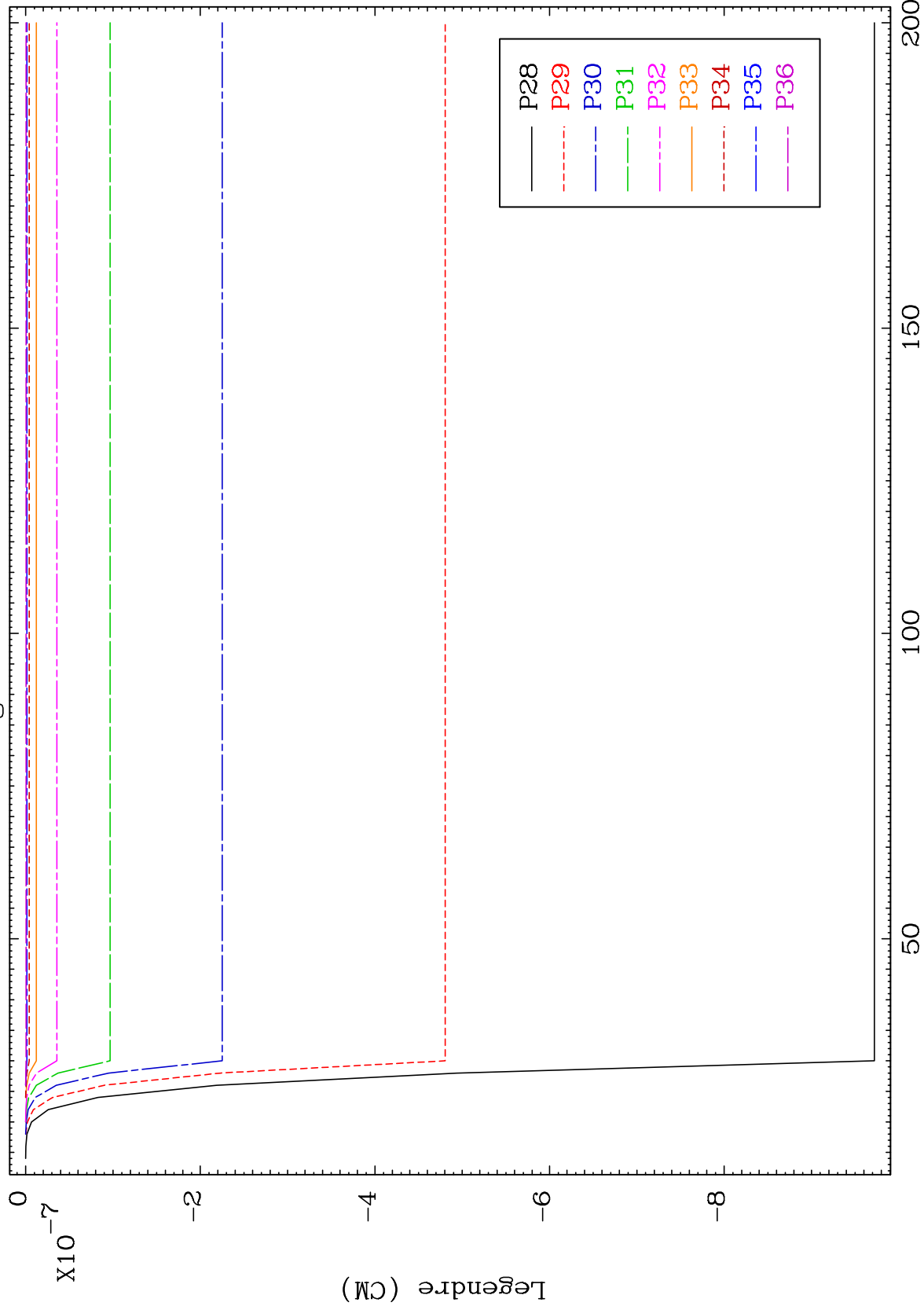
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

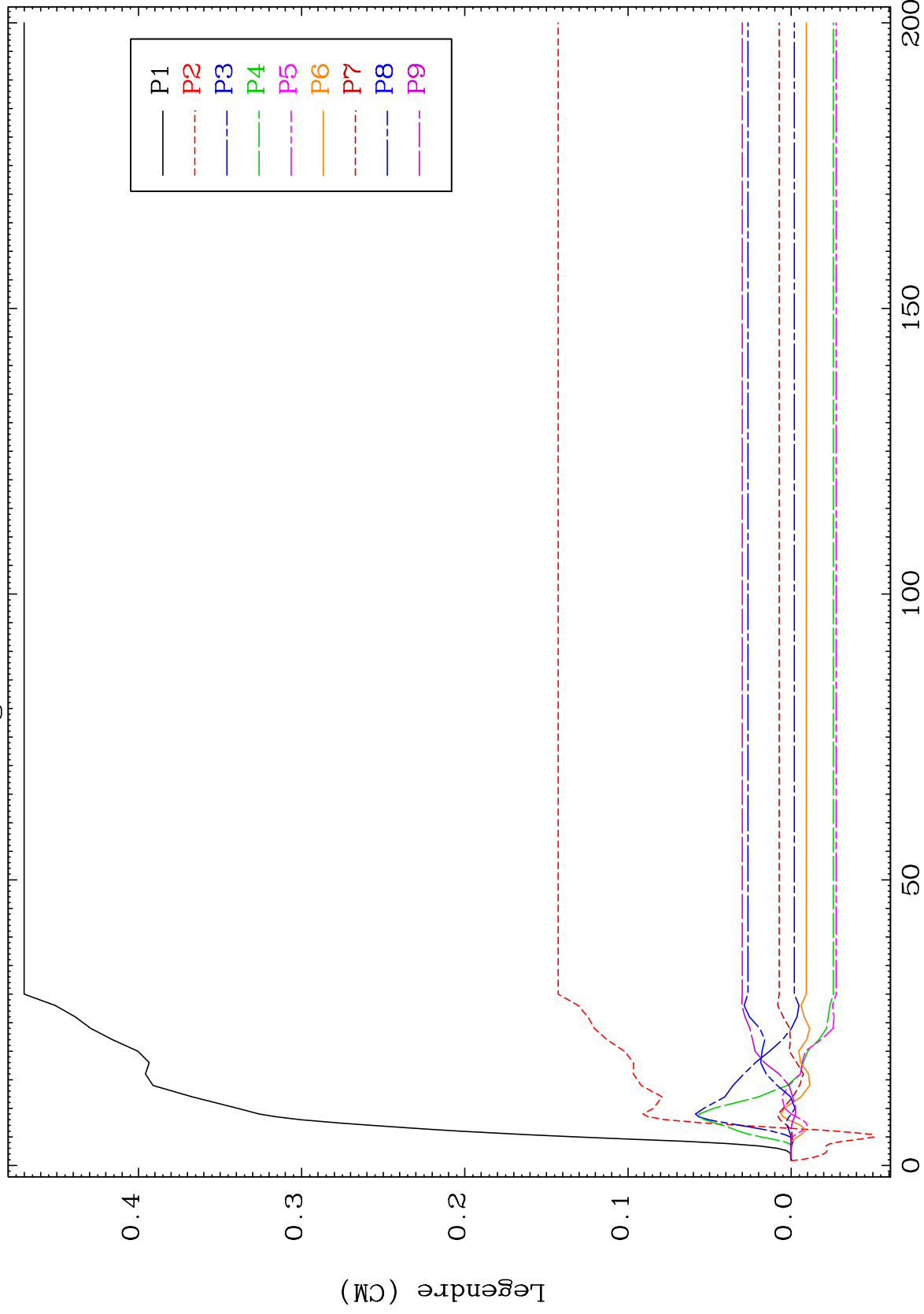
Incident Energy (MeV)

106

MAT 7713

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

77-Ir-187



77-Ir-187

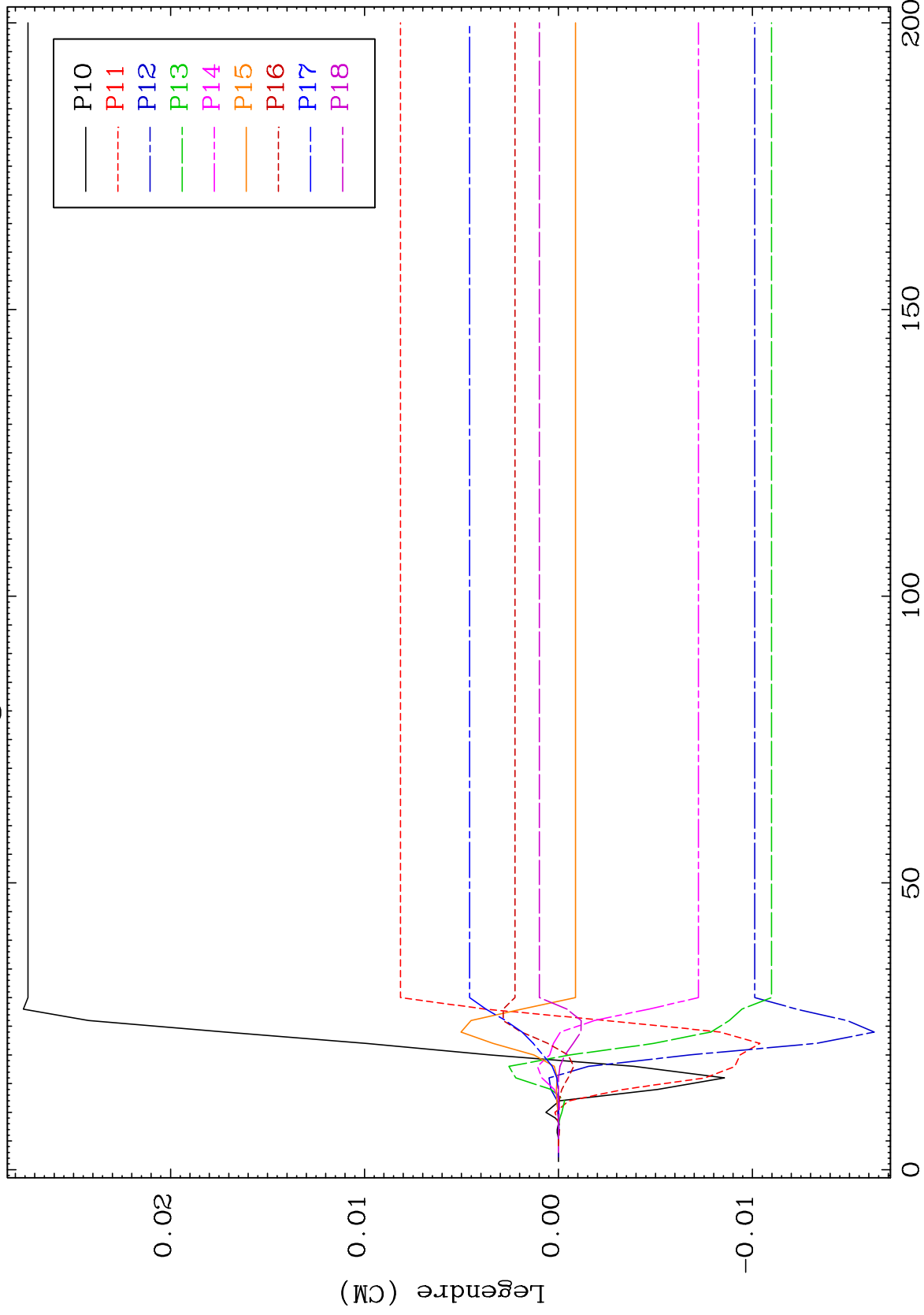
Incident Energy (MeV)

107

MAT 7713

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

77-Ir-187



108

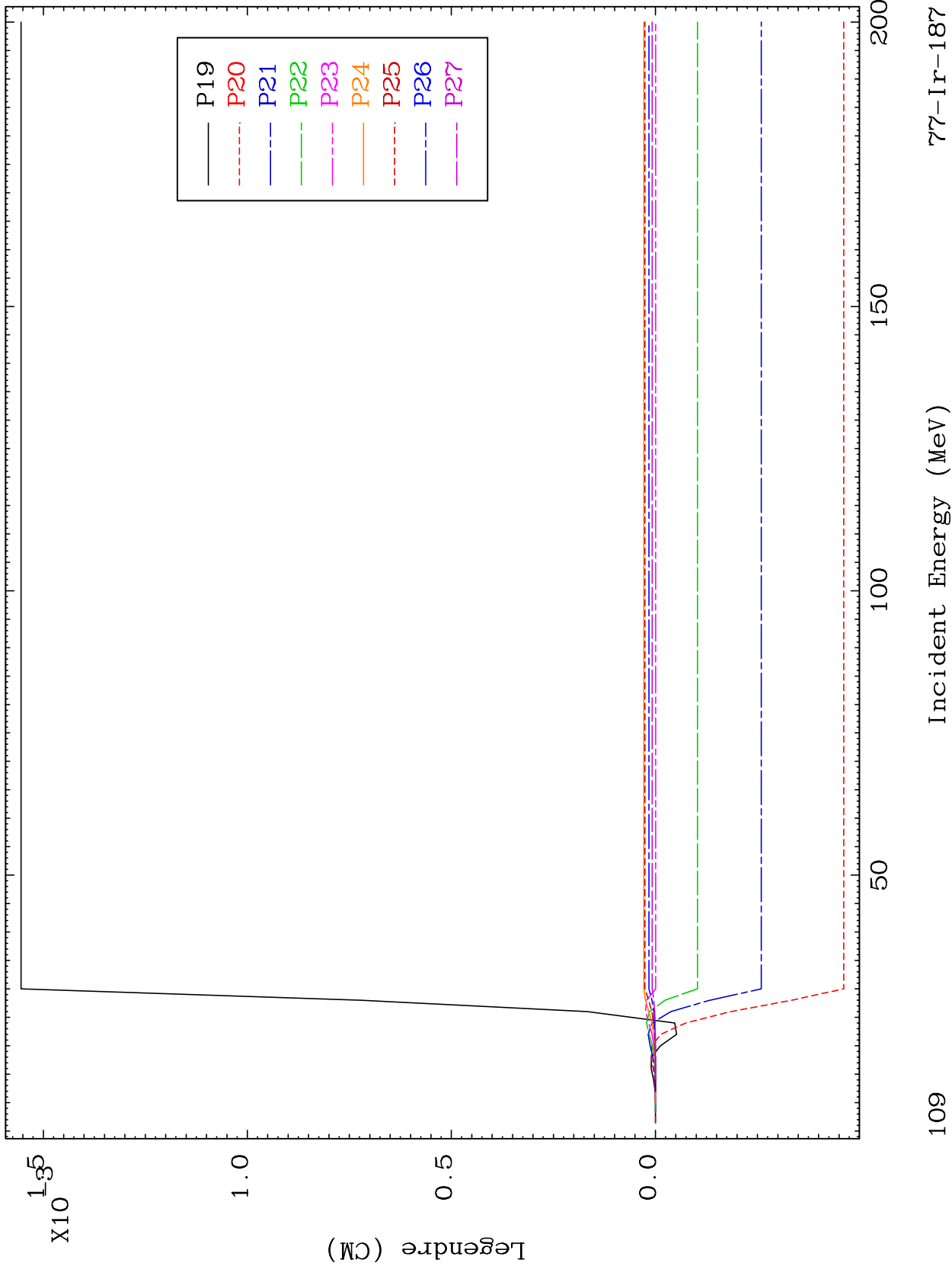
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



109

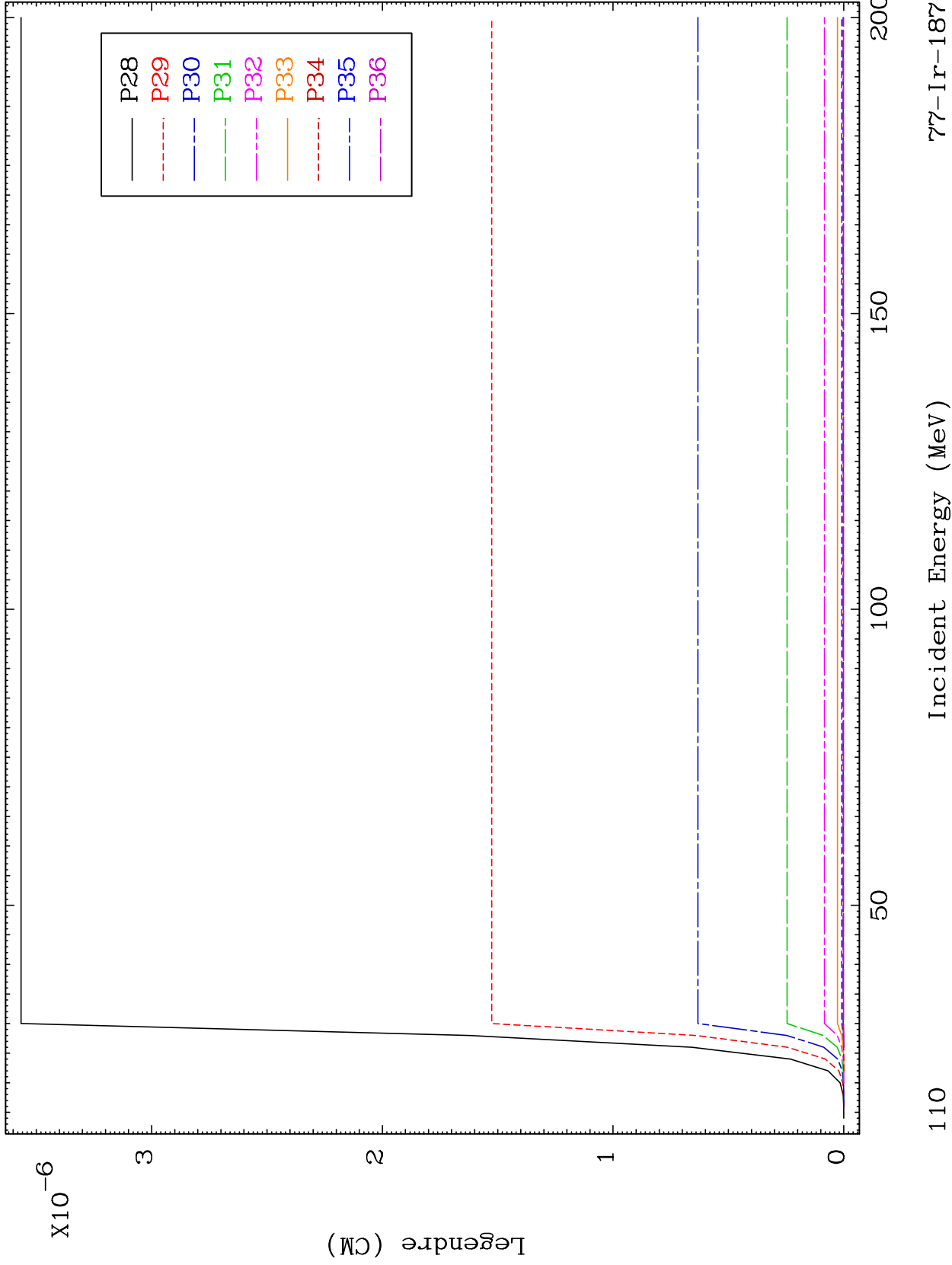
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

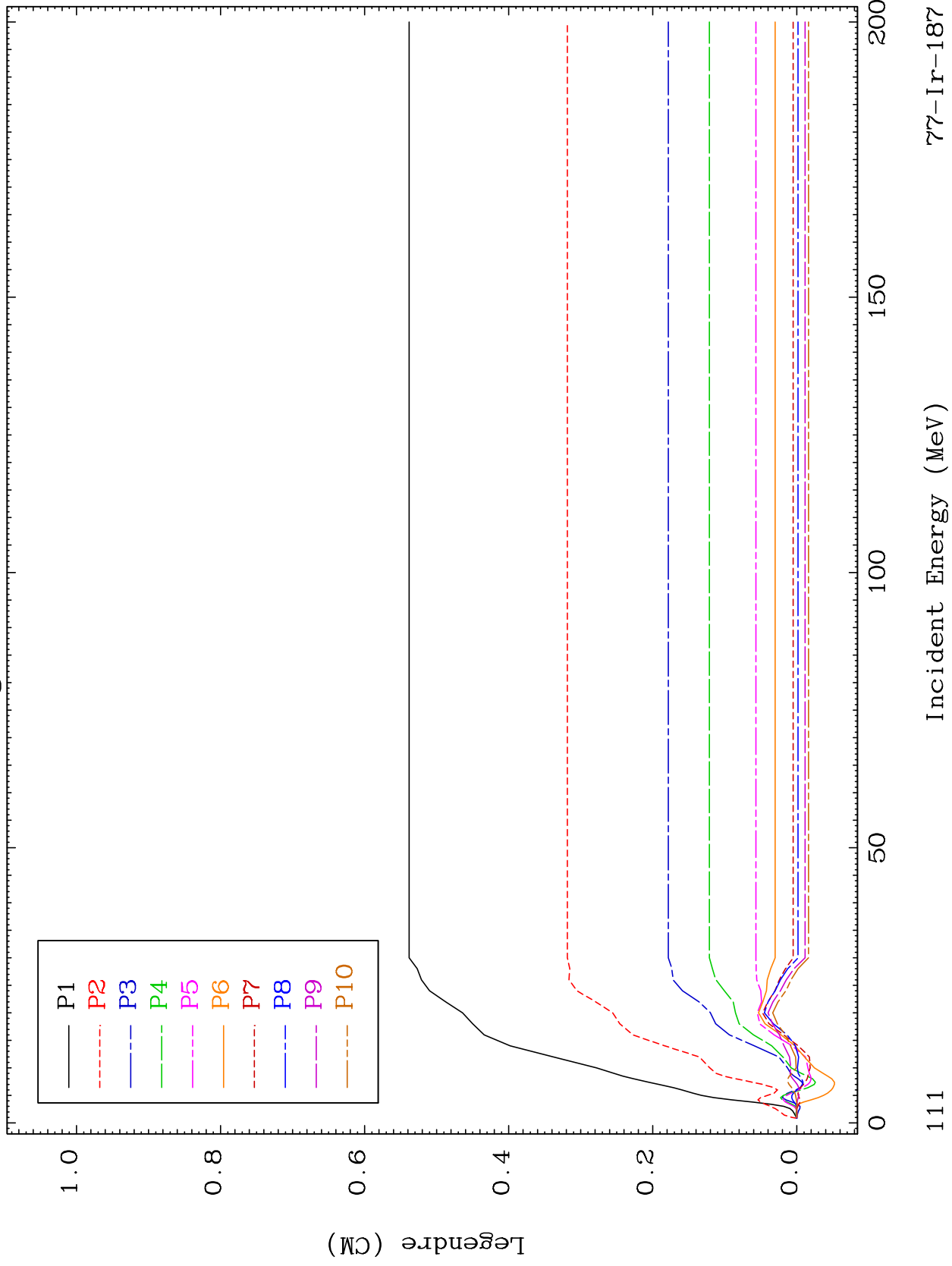
77-Ir-187



MAT 7713

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

77-Ir-187



111

Incident Energy (MeV)

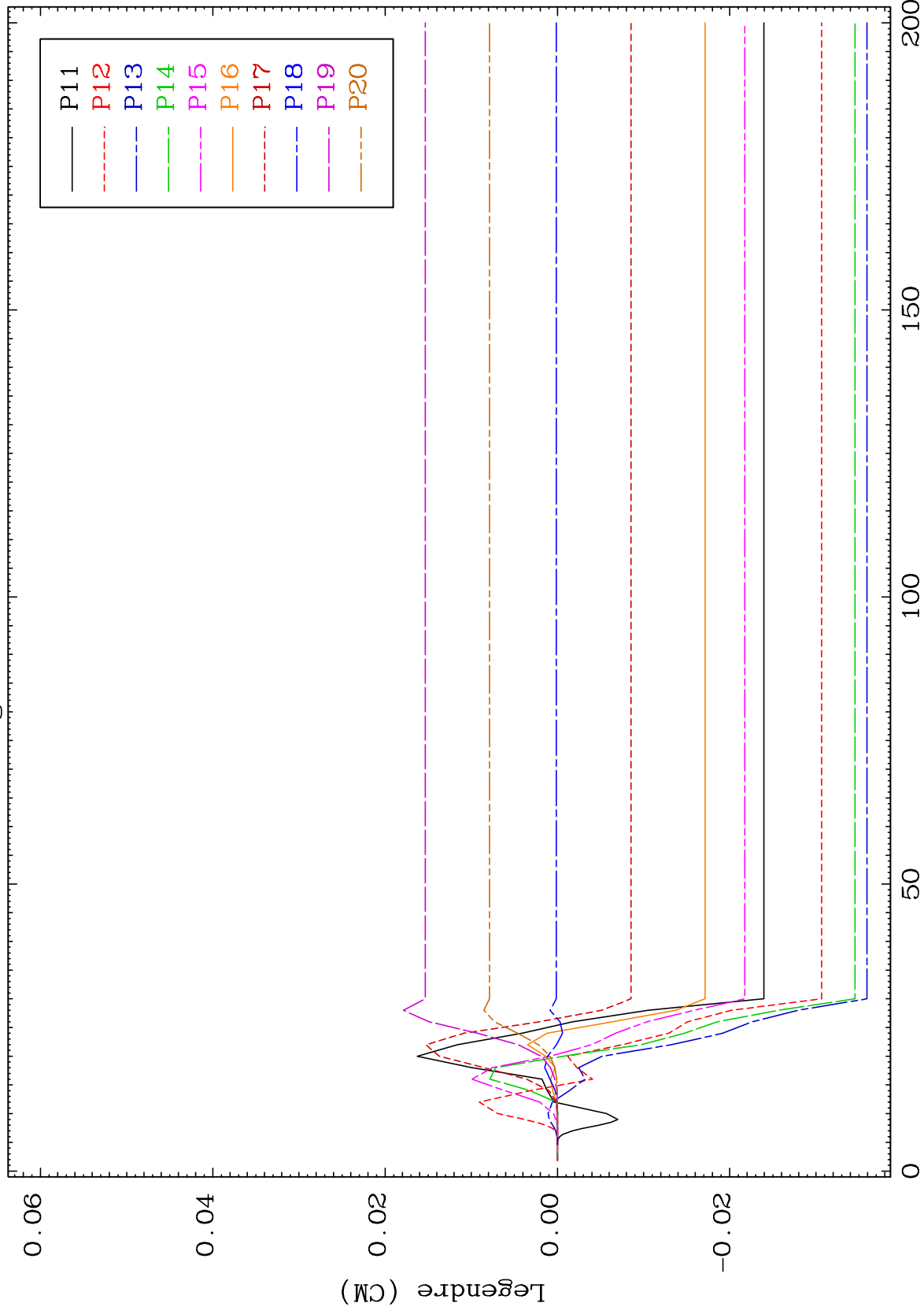
77-Ir-187



MAT 7713

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

77-Ir-187



112

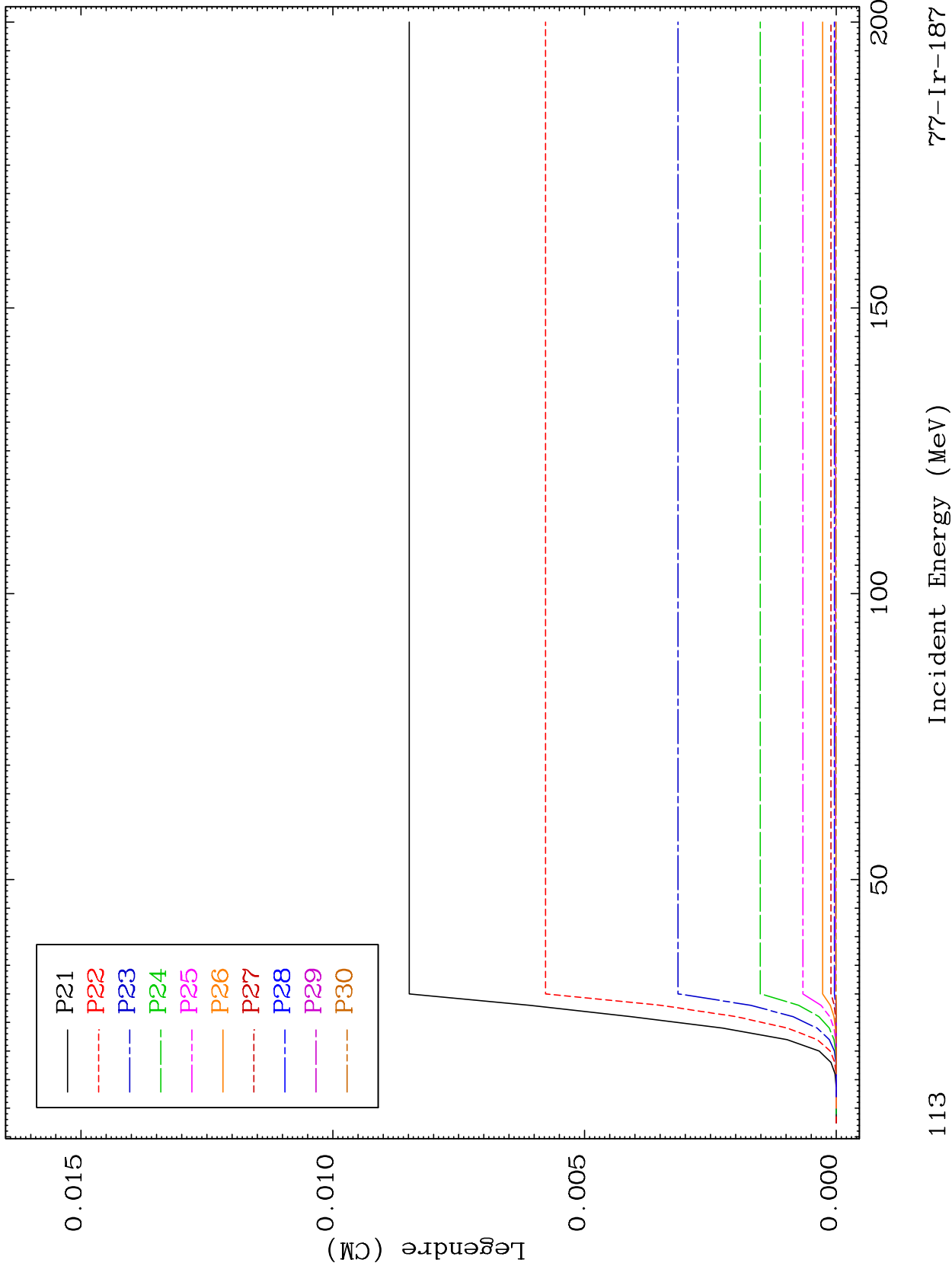
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



113

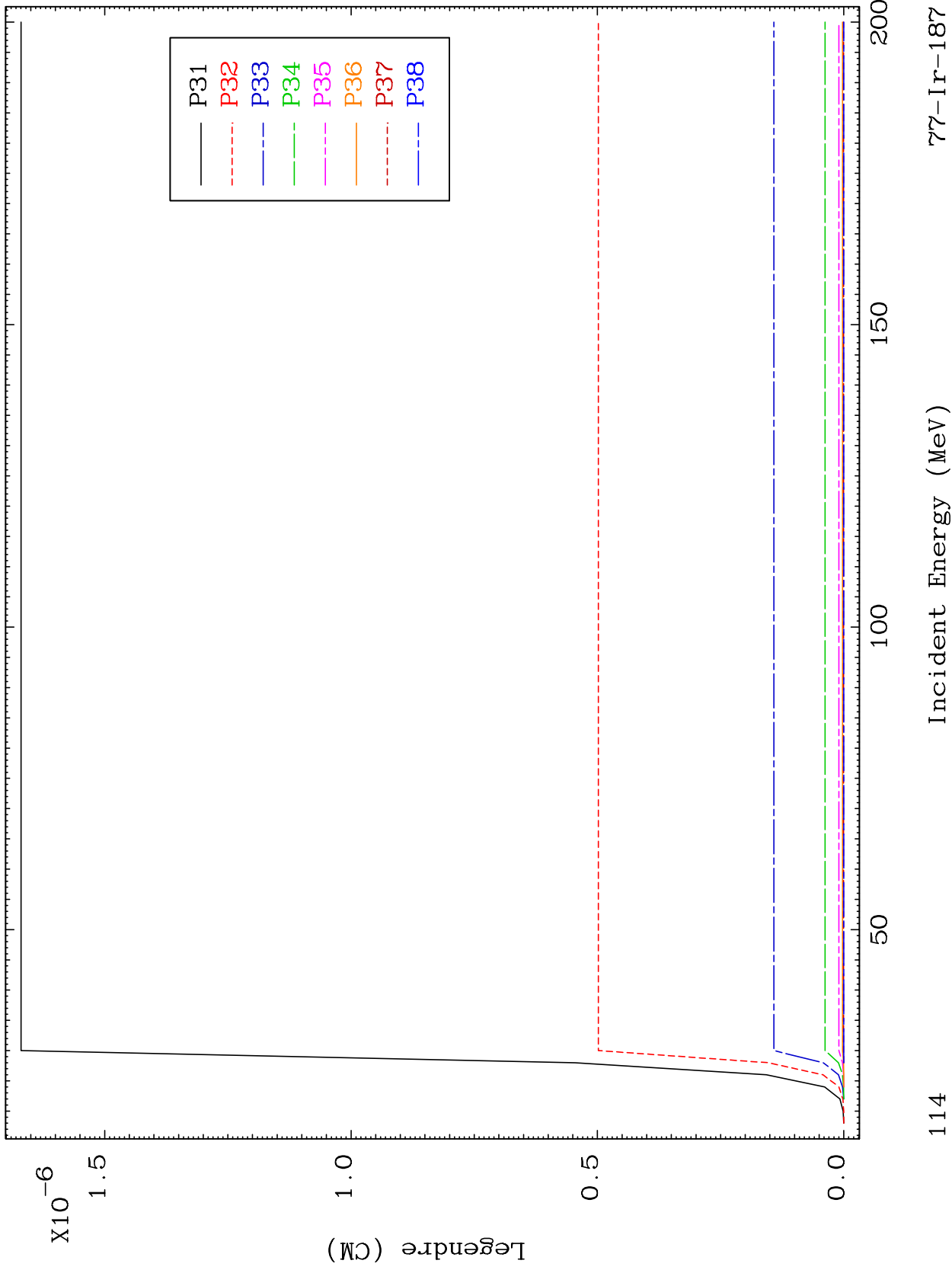
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

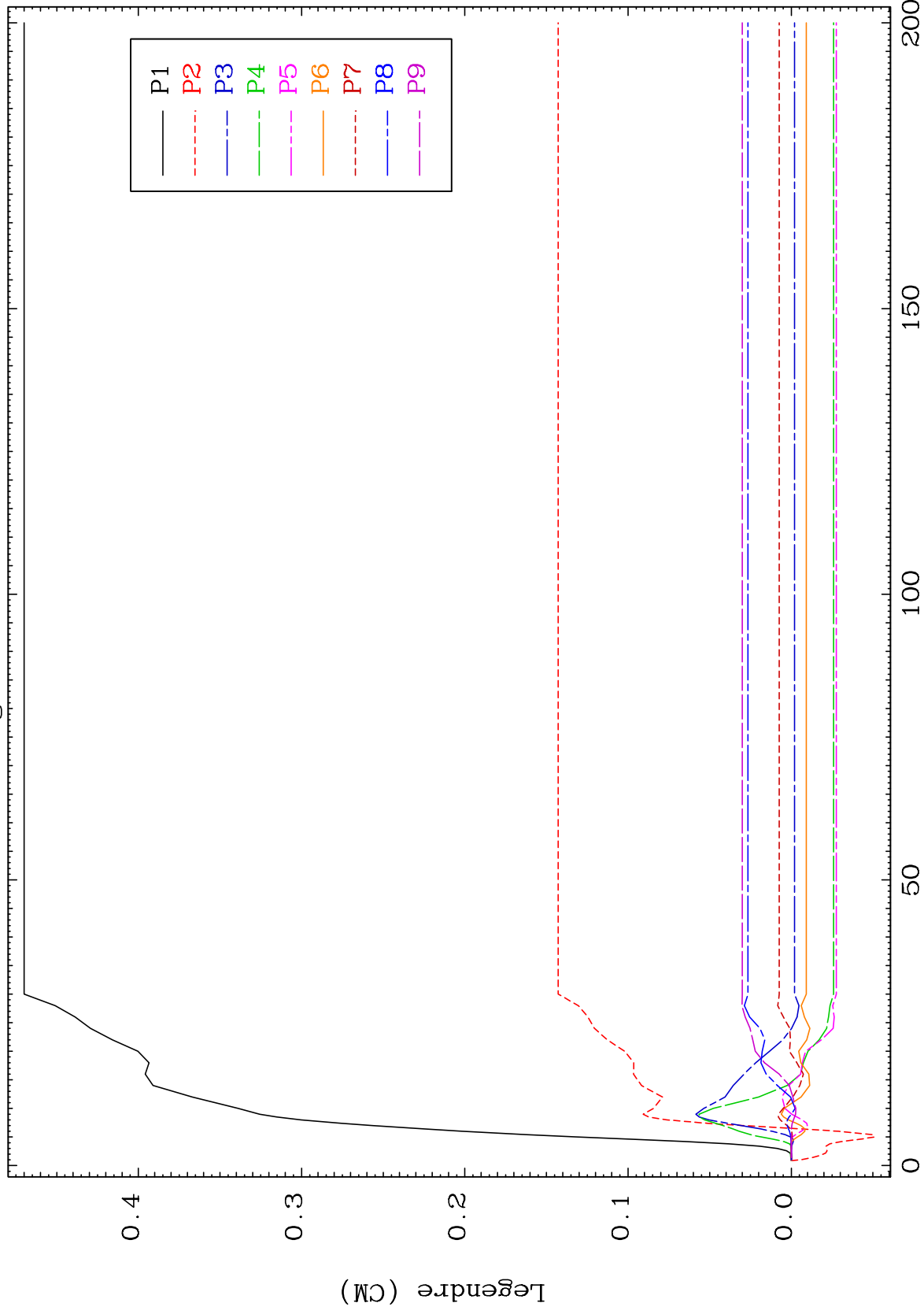
77-Ir-187



MAT 7713

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

77-Ir-187



77-Ir-187

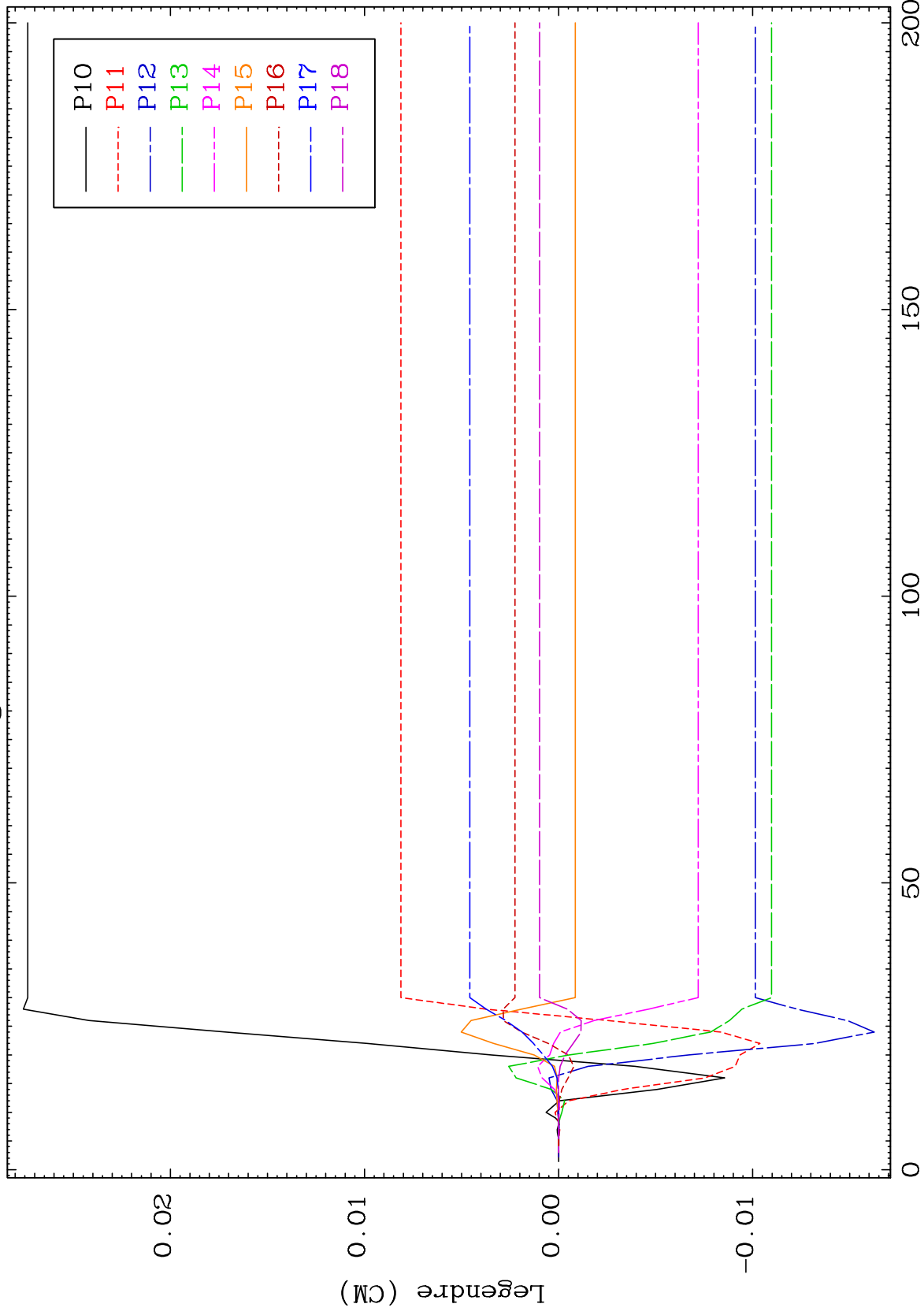
Incident Energy (MeV)

115

MAT 7713

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

77-Ir-187



116

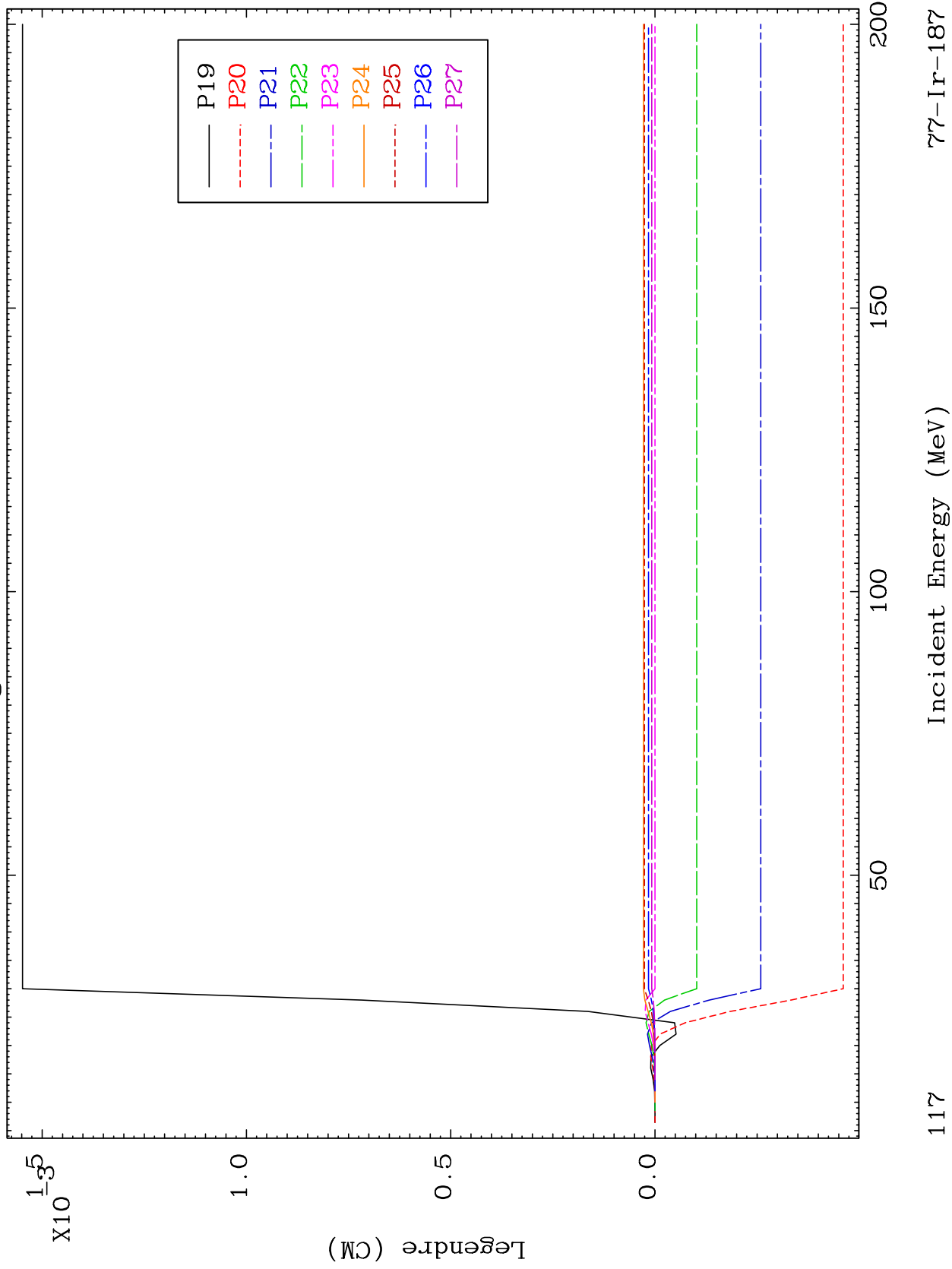
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

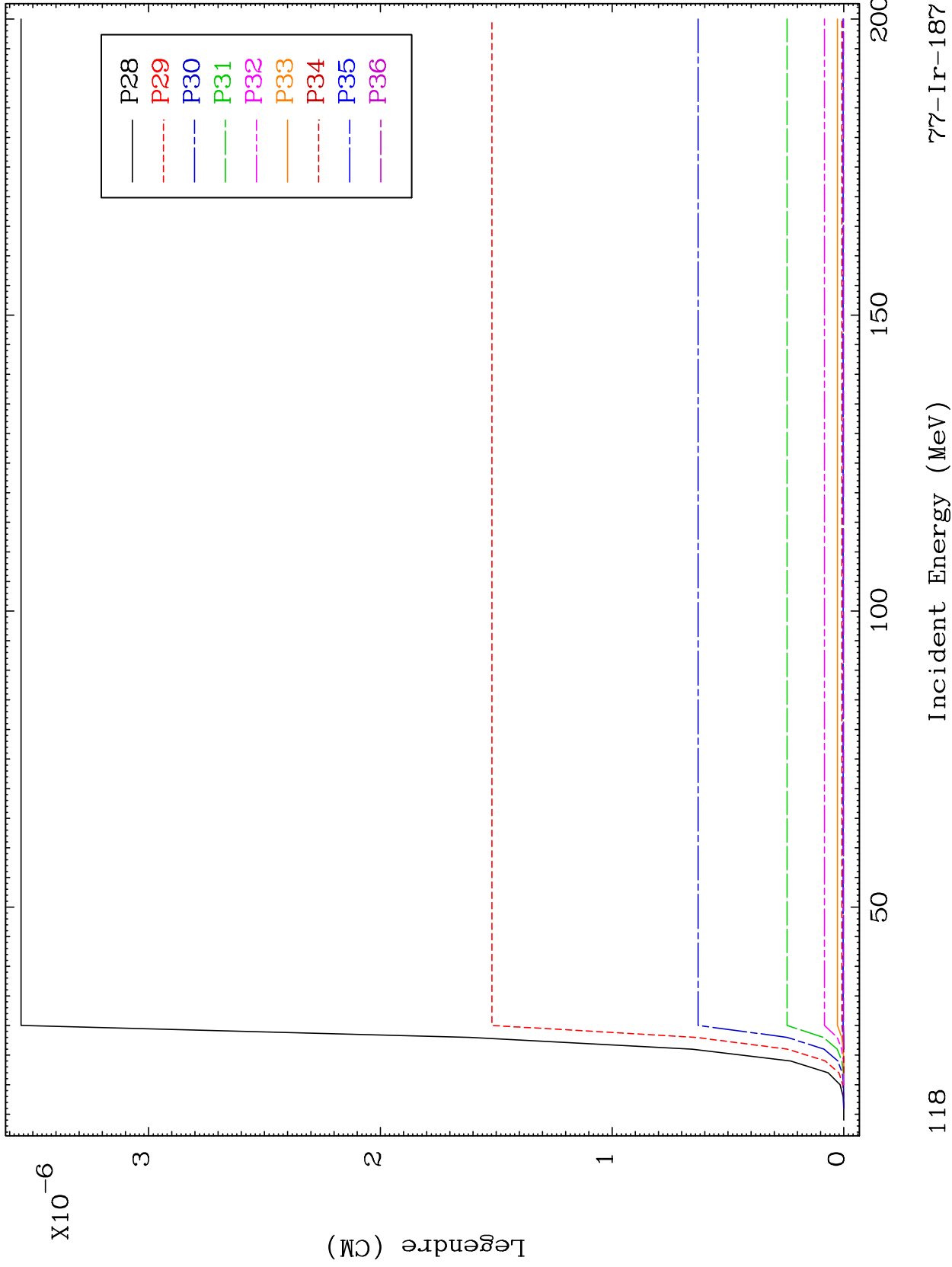
77-Ir-187



MAT 7713

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

77-Ir-187



118

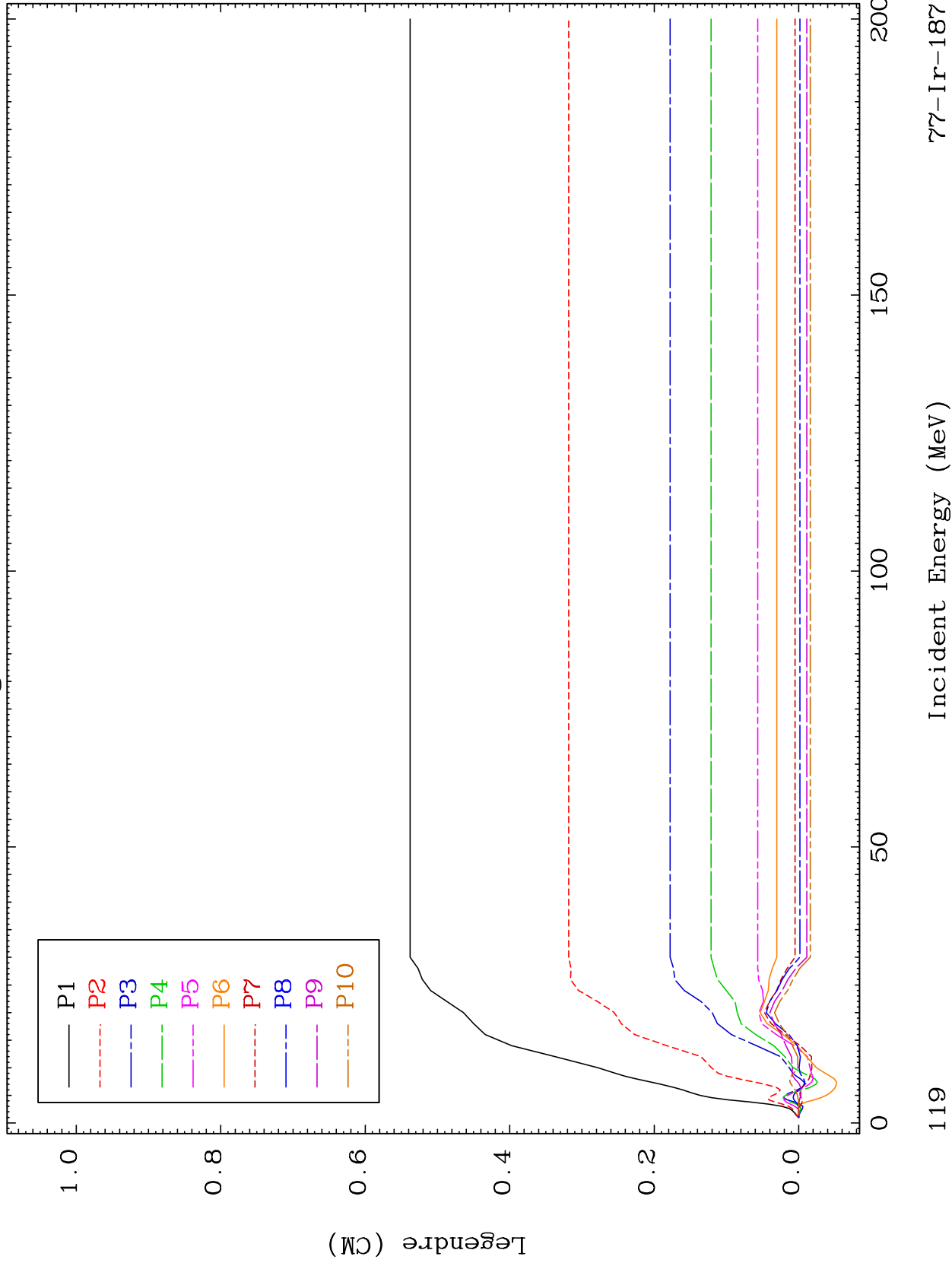
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

77-Ir-187



119

Incident Energy (MeV)

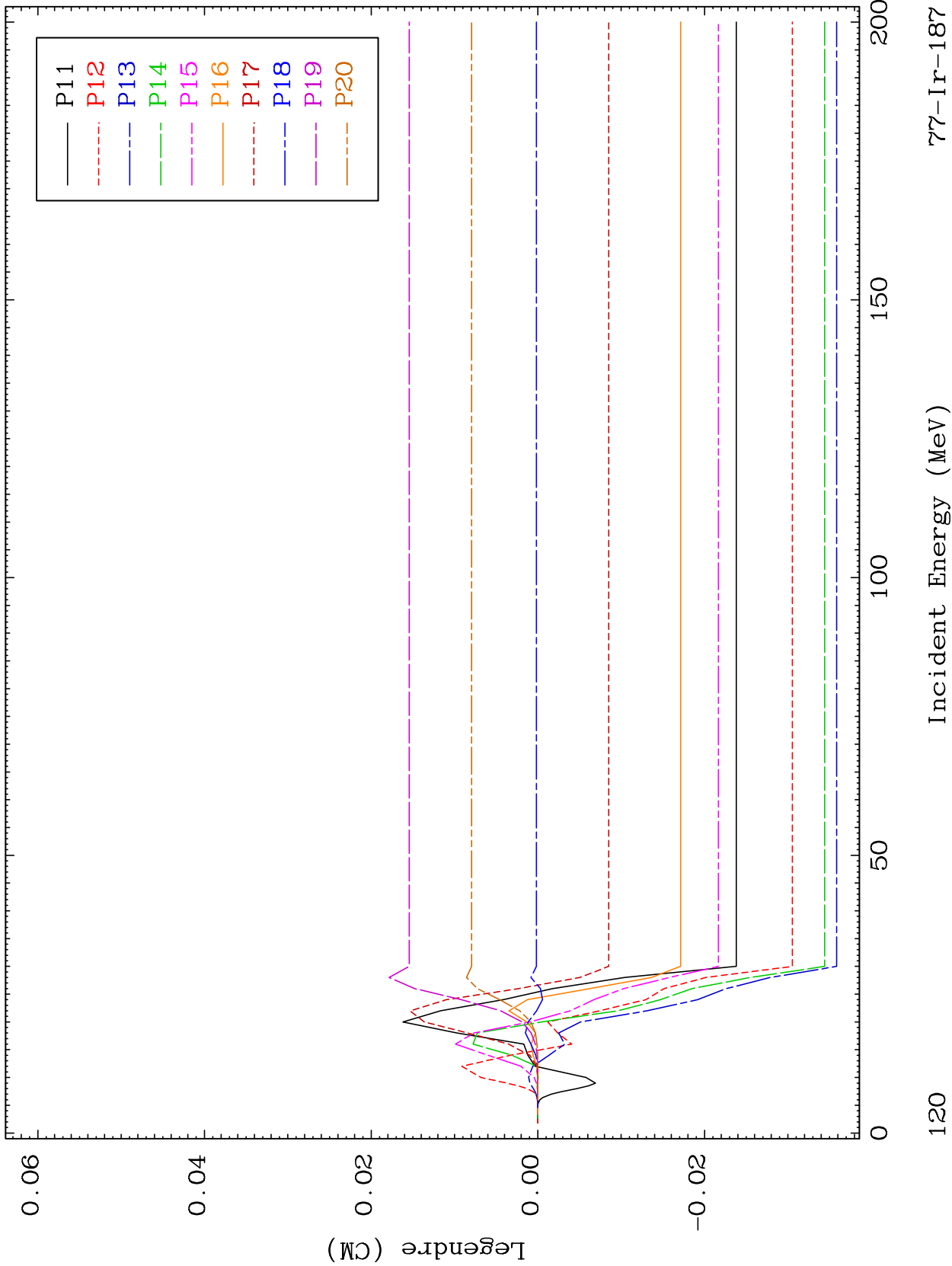
77-Ir-187



MAT 7713

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

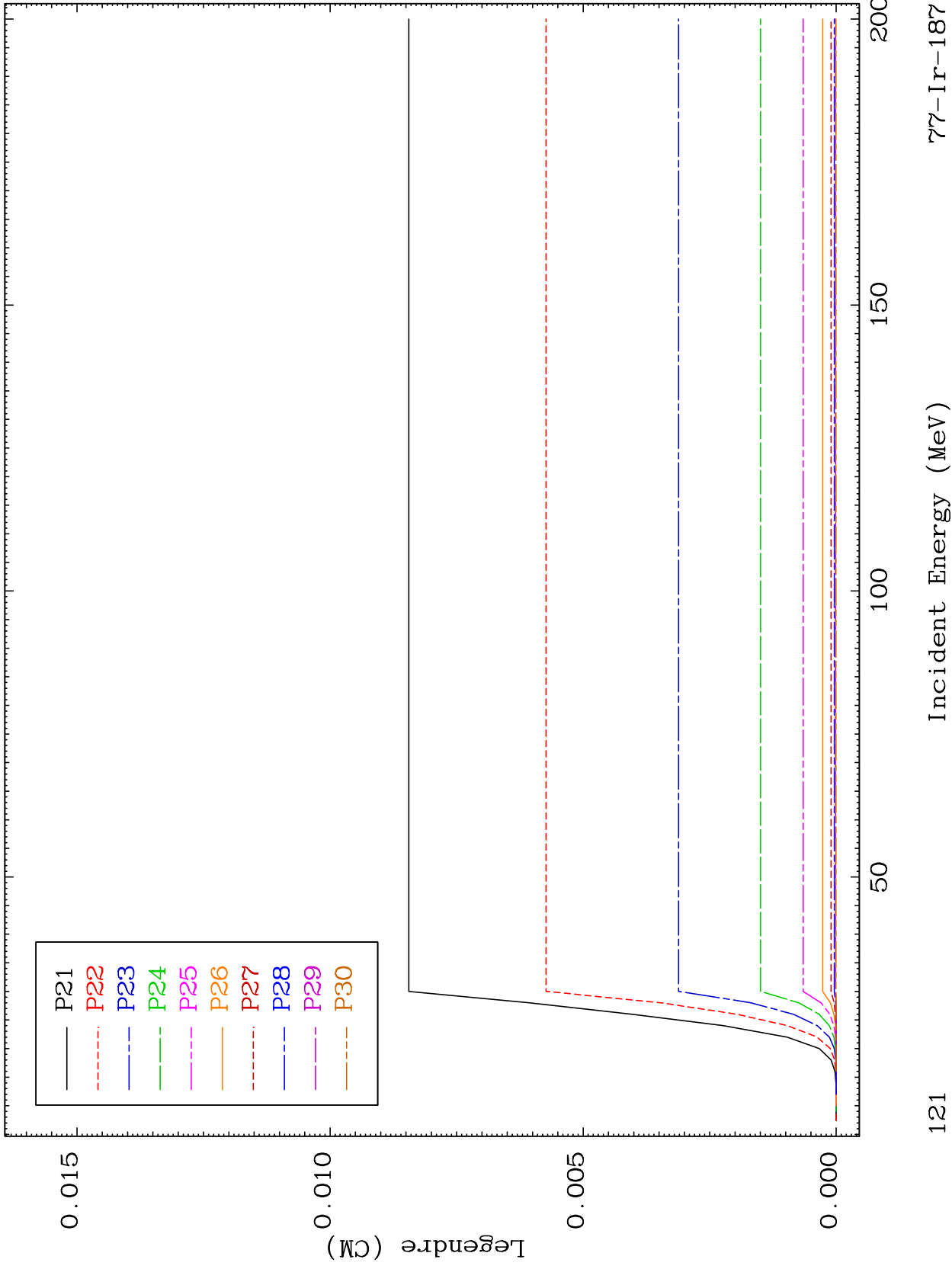
77-Ir-187



MAT 7713

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

77-Ir-187



121

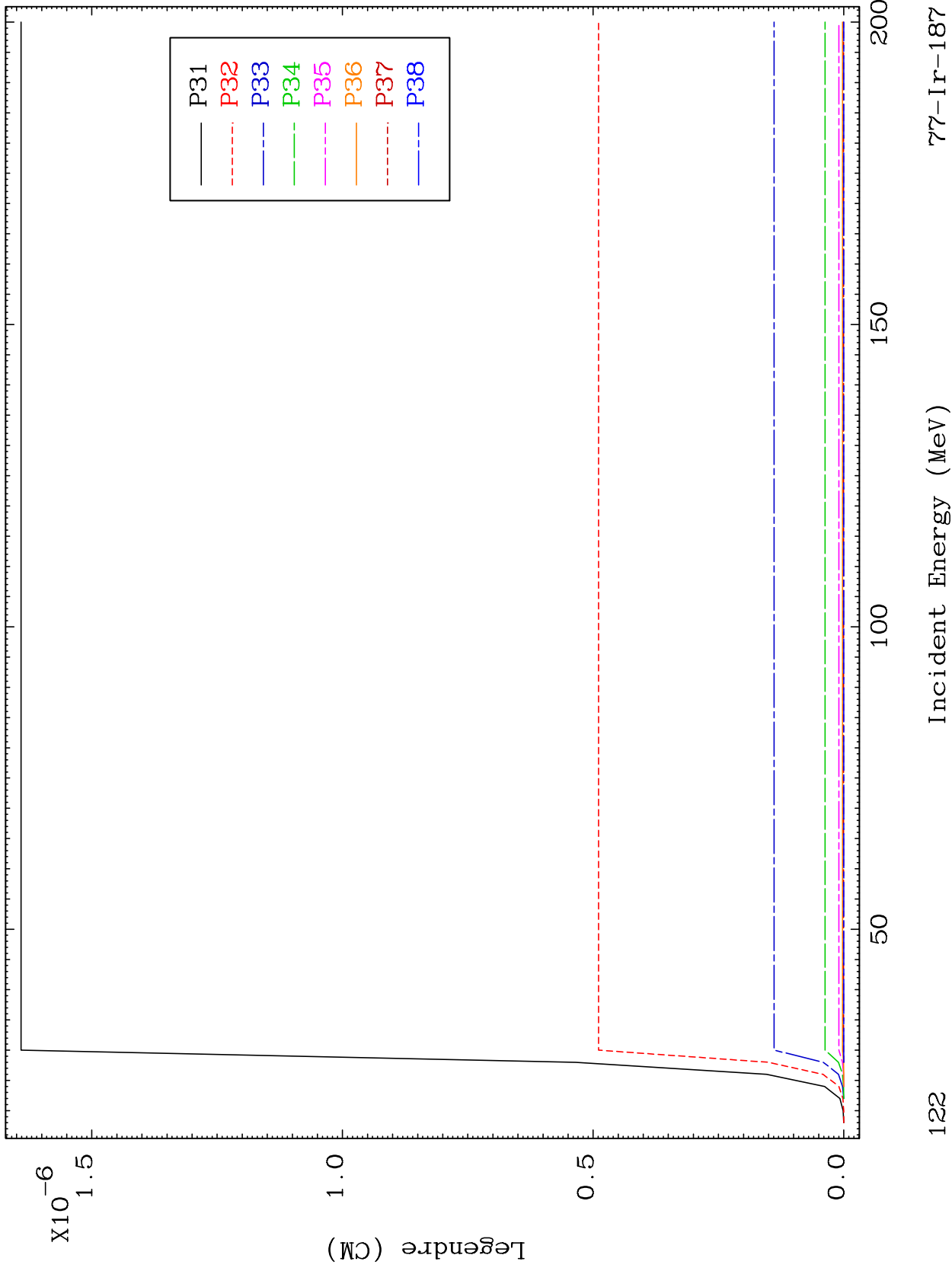
Incident Energy (MeV)

77-Ir-187

MAT 7713

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

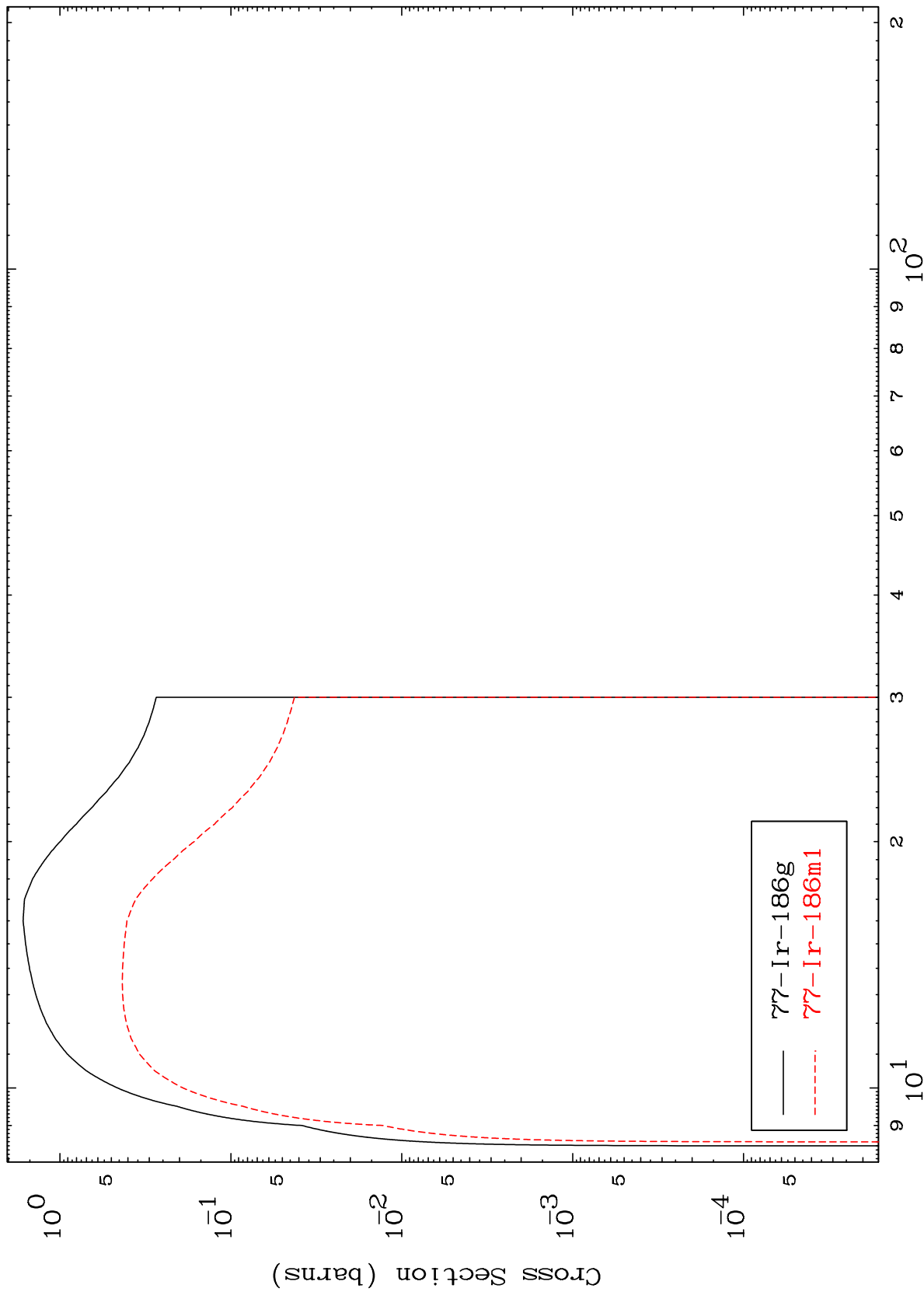
77-Ir-187



MAT 7713

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



<sup>77</sup>Ir-187

Incident Energy (MeV)

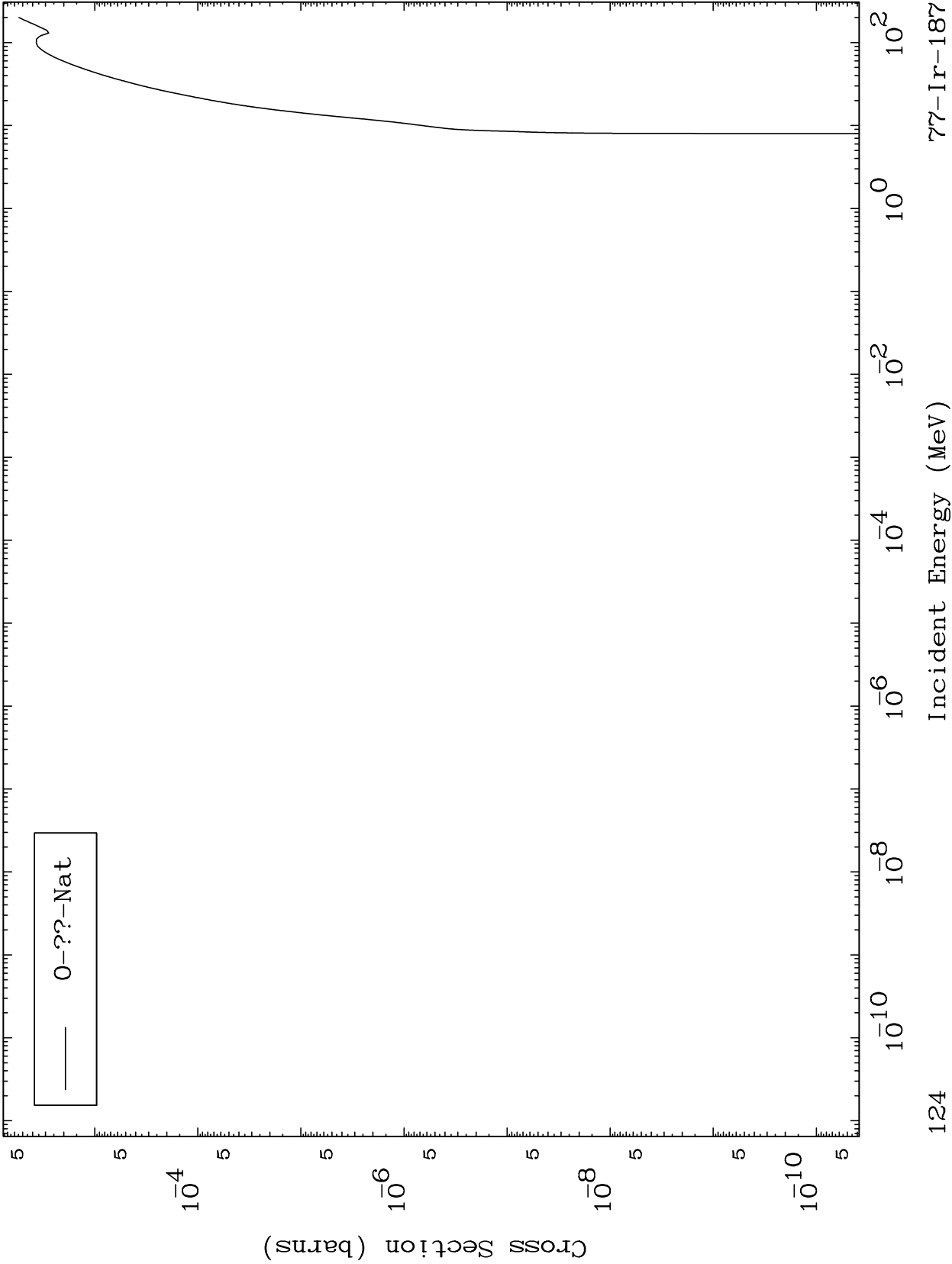
123

MAT 7713

Fission

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



124

Incident Energy (MeV)

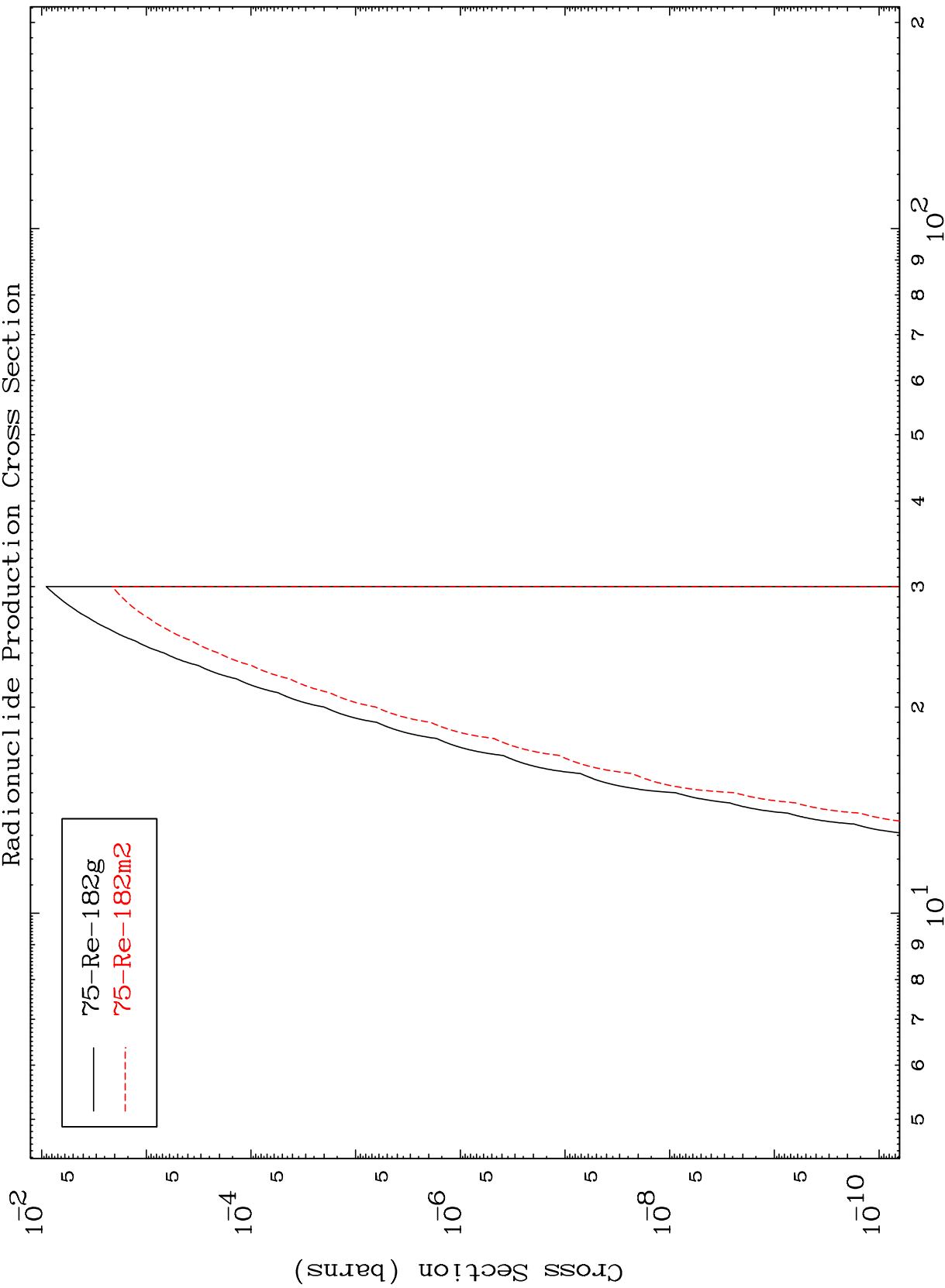
<sup>77</sup>Ir-187

MAT 7713

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



125

Incident Energy (MeV)

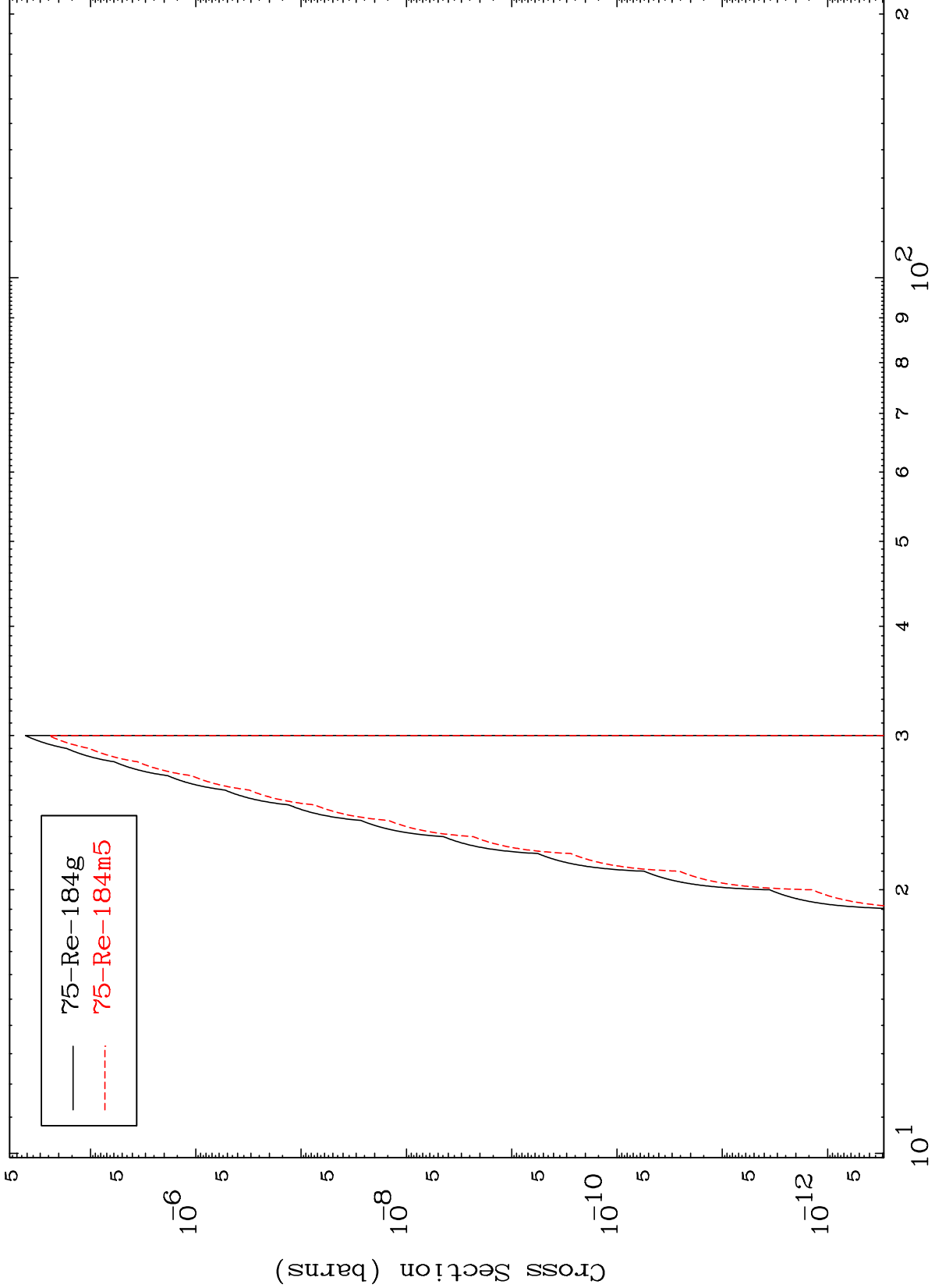
$^{77}\text{Ir-187}$

MAT 7713

(n,n') He-3

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



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

126

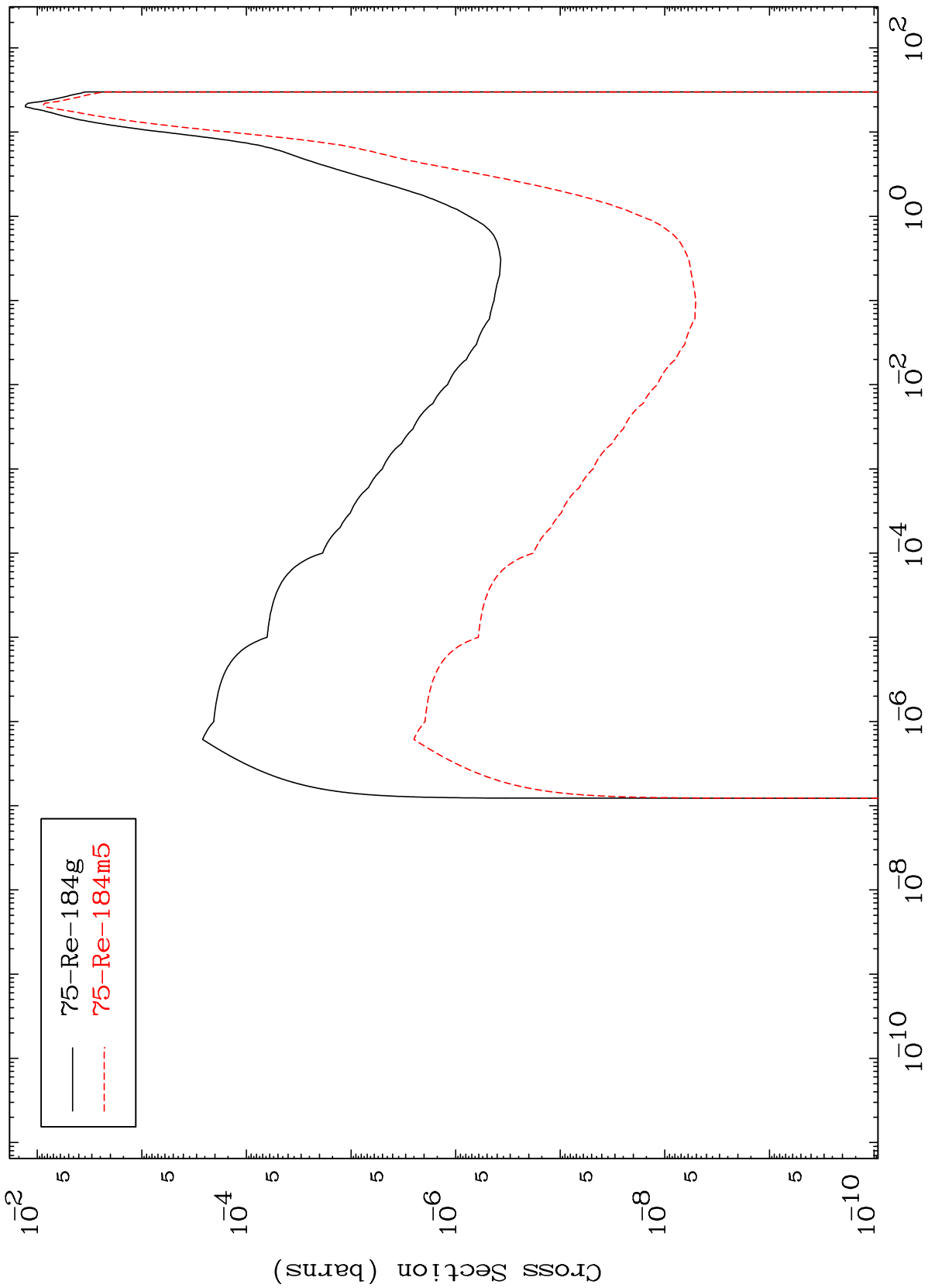
Incident Energy (MeV)

<sup>77</sup>Ir-187

MAT 7713

77-Ir-187

Radionuclide Production Cross Section



— 75-Re-184g  
- - - 75-Re-184m5

77-Ir-187

Incident Energy (MeV)

127

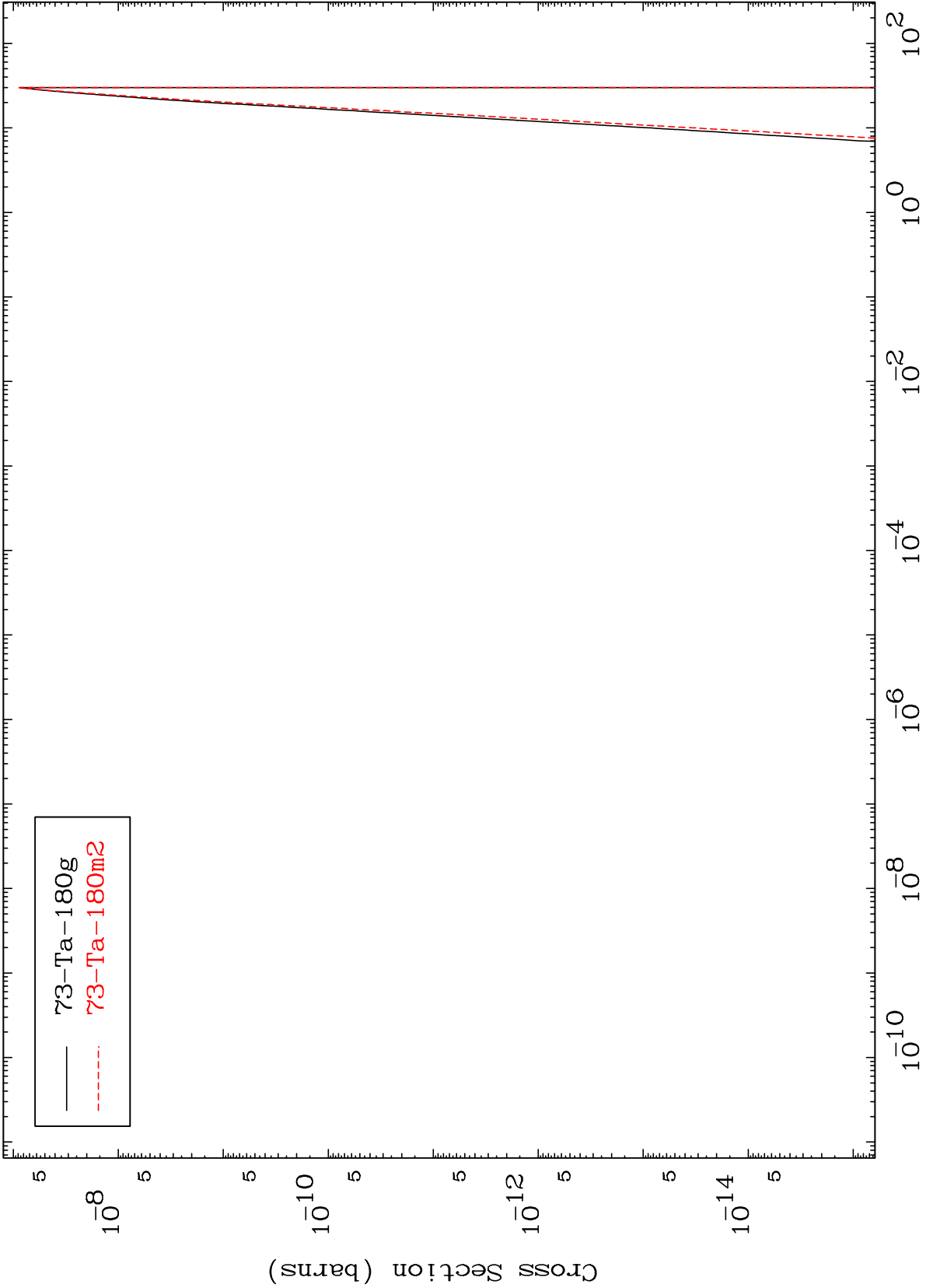


MAT 7713

(n,2α)

77-Ir-187

Radionuclide Production Cross Section



128

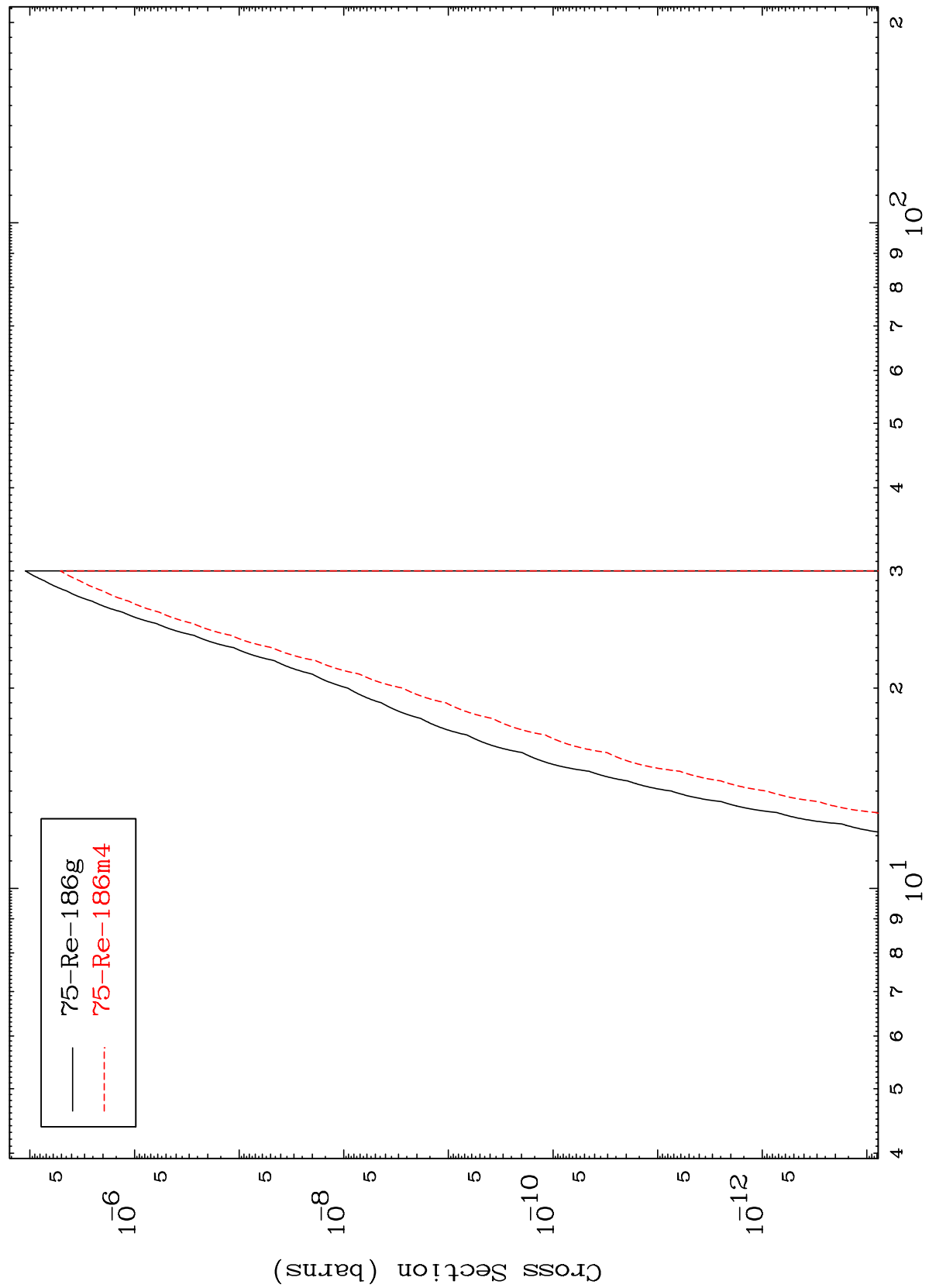
Incident Energy (MeV)

77-Ir-187

MAT 7713

77-Ir-187

(n,2p)  
Radionuclide Production Cross Section



129

Incident Energy (MeV)

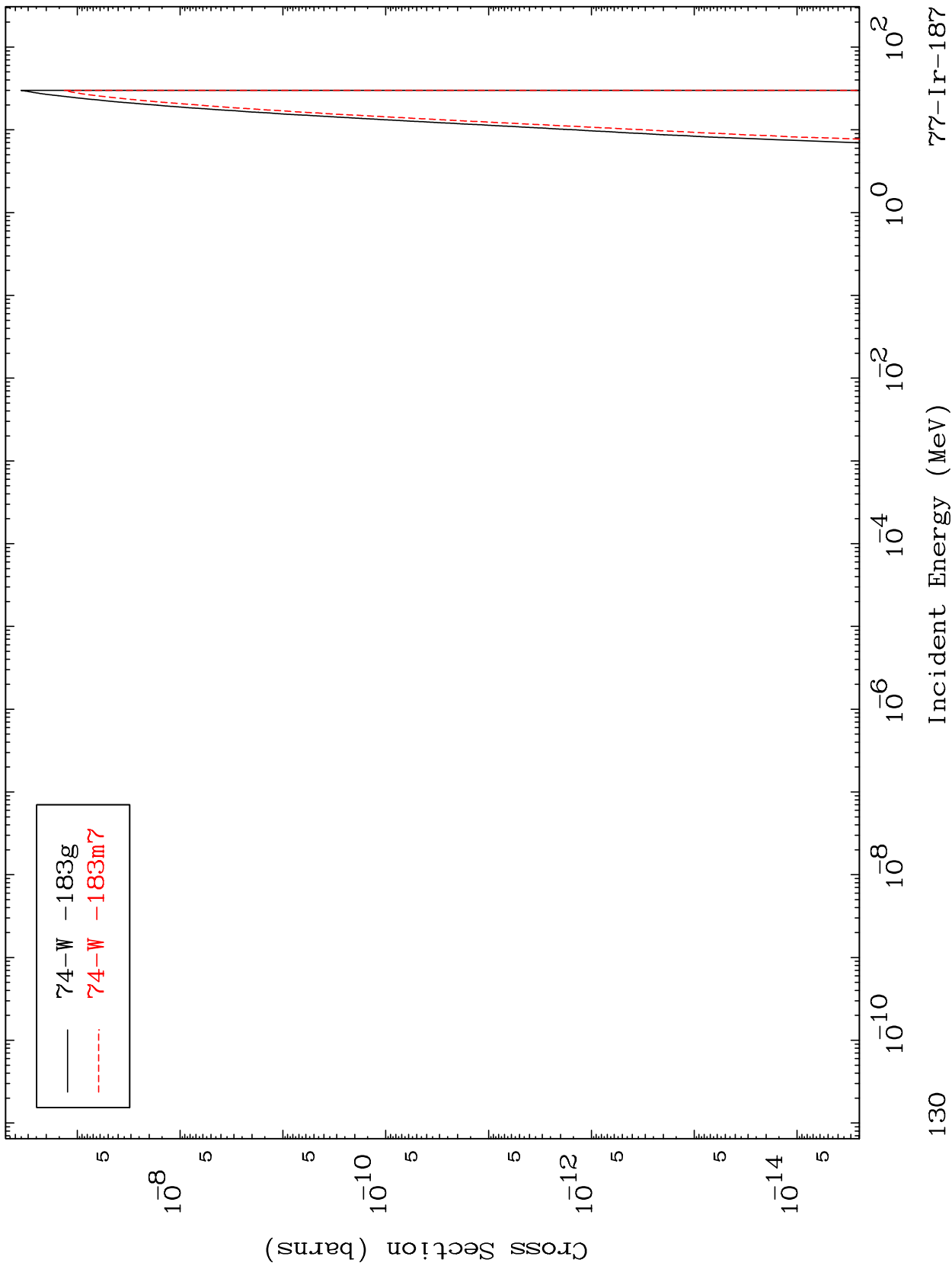
77-Ir-187

MAT 7713

(n,p)  $\alpha$

<sup>77</sup>Ir-187

Radionuclide Production Cross Section

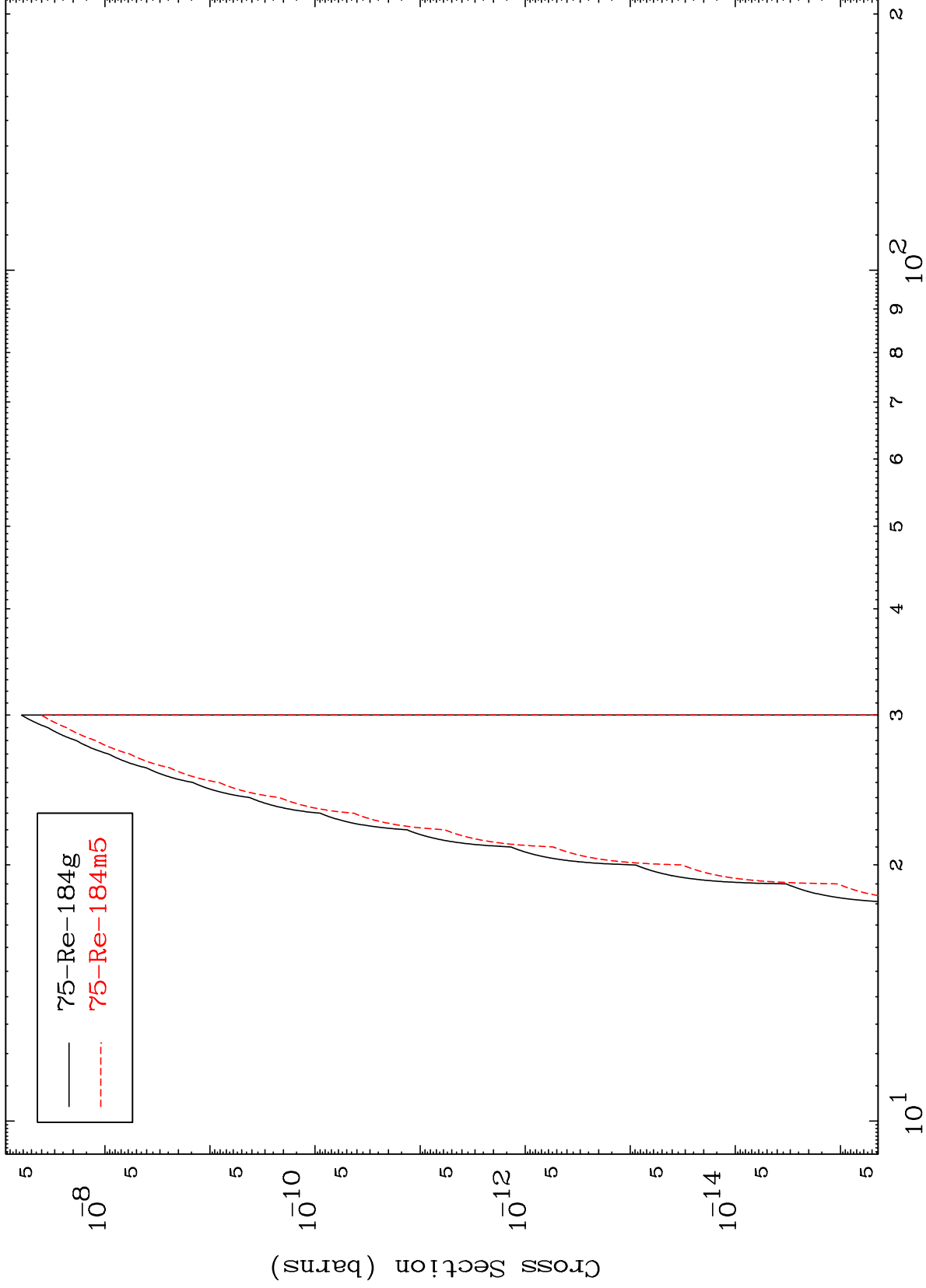


MAT 7713

(n,p) t

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>77</sup>Ir-187

131