

Program EVALPLOT  
(Version 2018-1)

by

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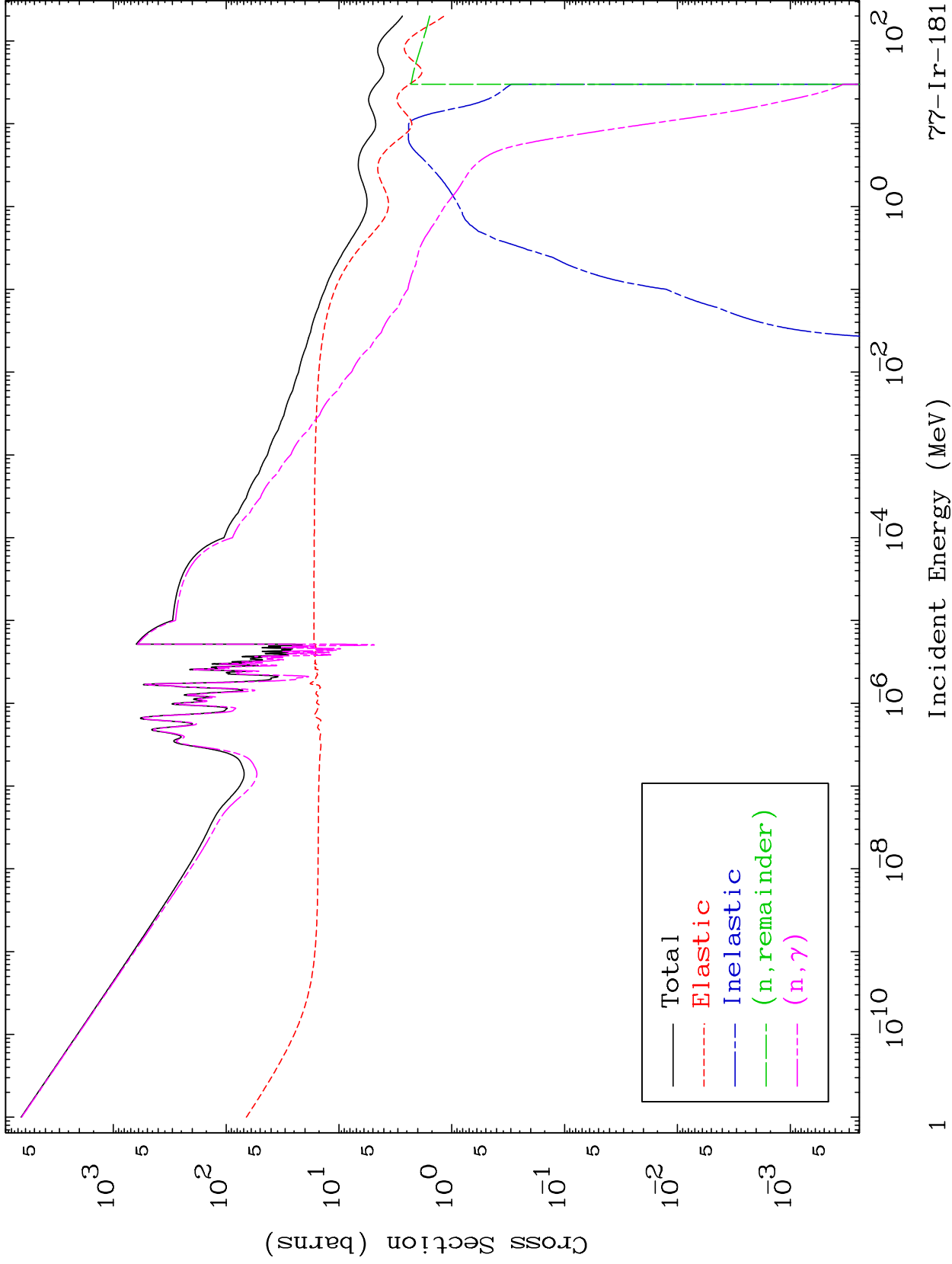
Press Mouse Button to Start

MAT 7695

Major

293 Kelvin Cross Sections

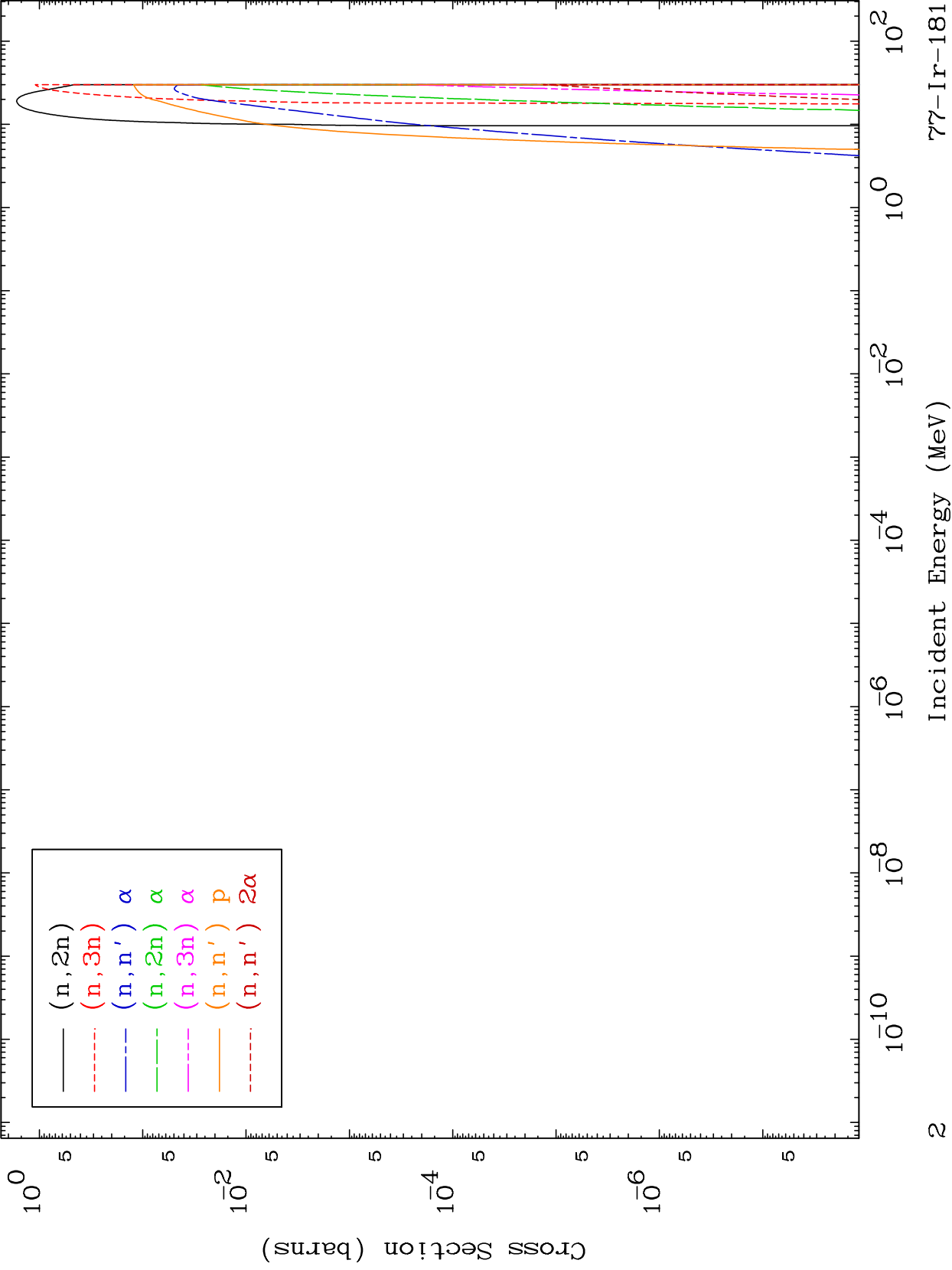
<sup>77</sup>Ir-181



MAT 7695

Neutron Production  
293 Kelvin Cross Sections

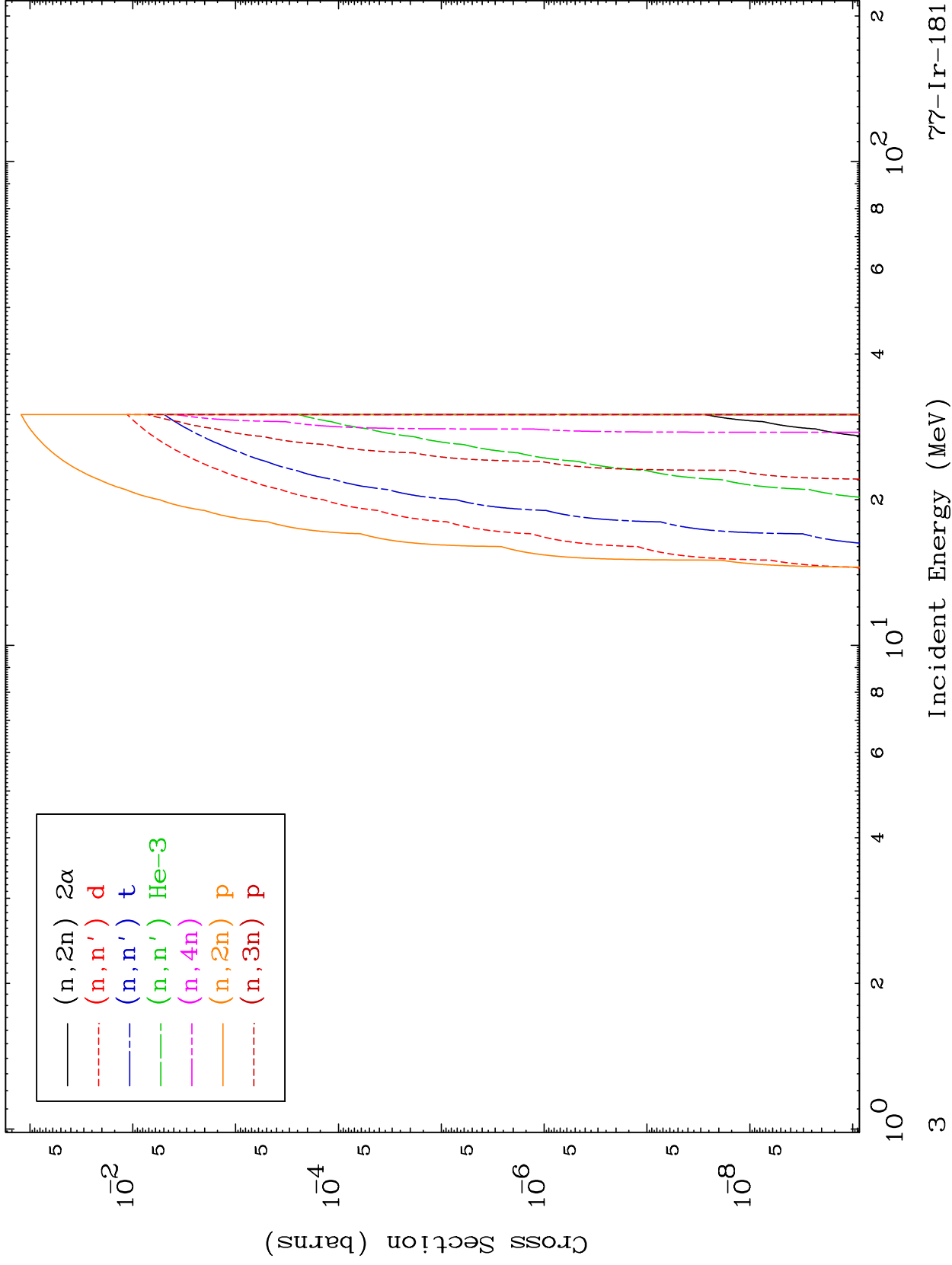
77-Ir-181



MAT 7695

Neutron Production  
293 Kelvin Cross Sections

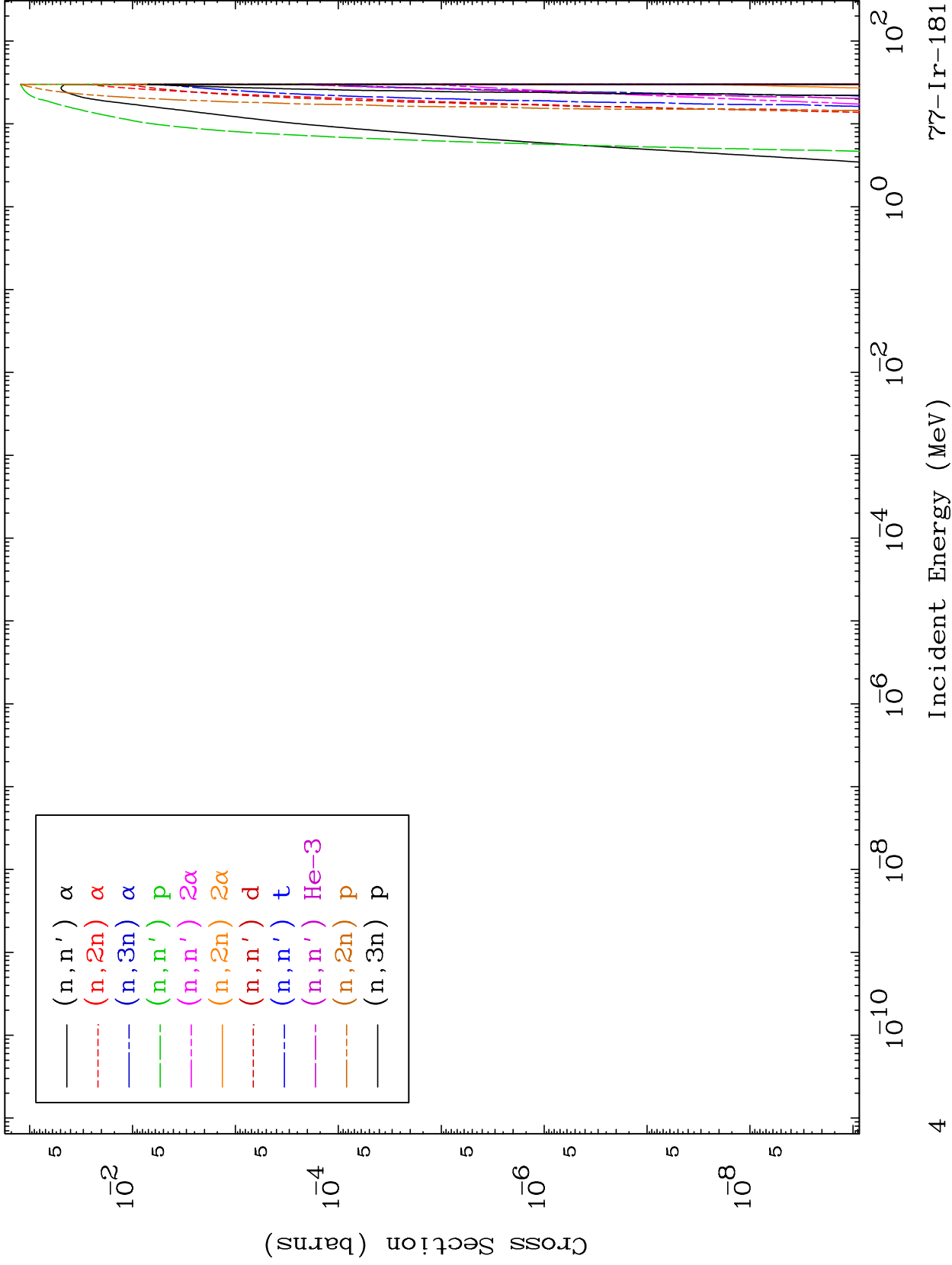
77-Ir-181



MAT 7695

Charged Particle  
293 Kelvin Cross Sections

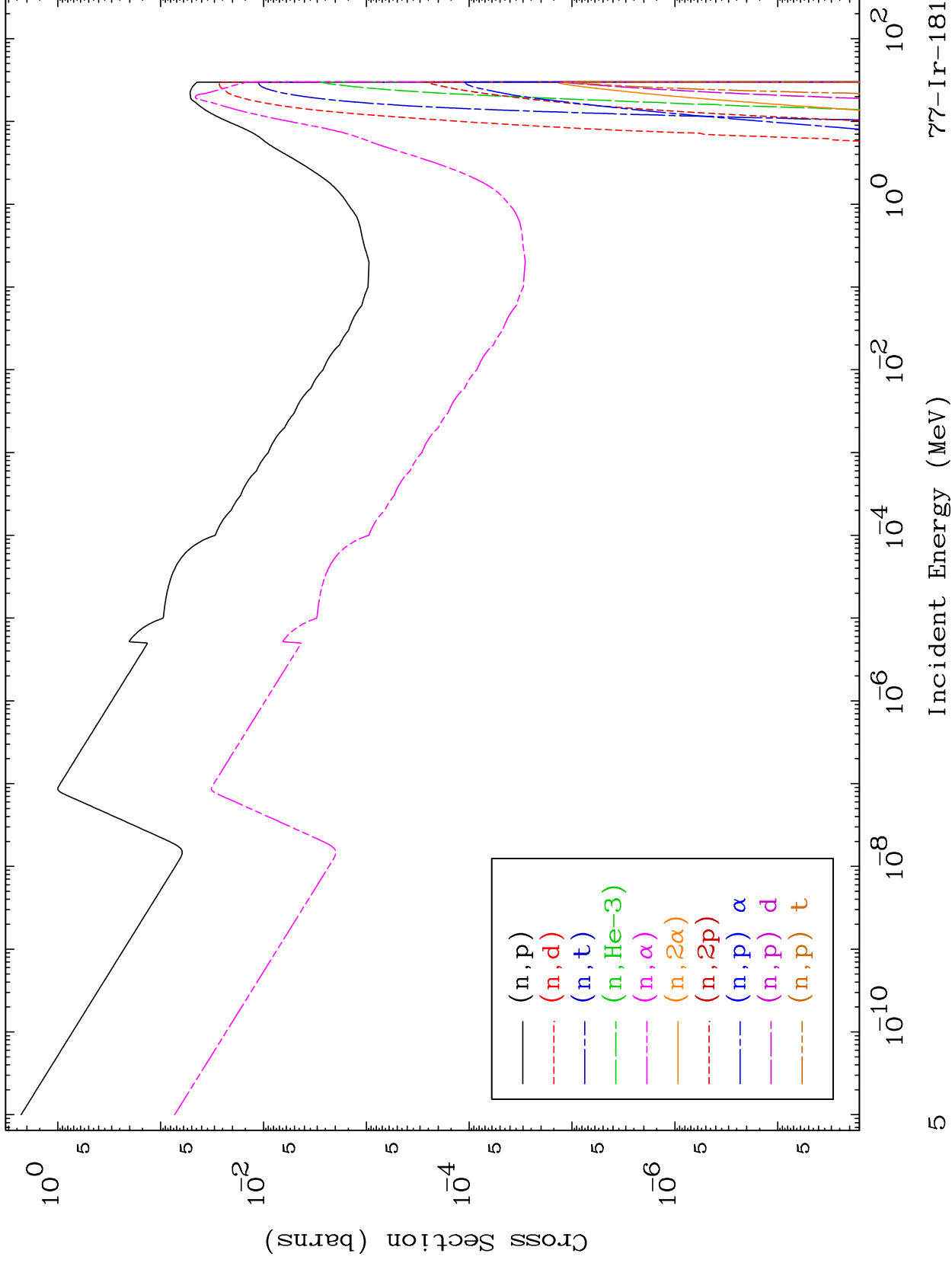
77-Ir-181



MAT 7695

Charged Particle  
293 Kelvin Cross Sections

77-Ir-181



5

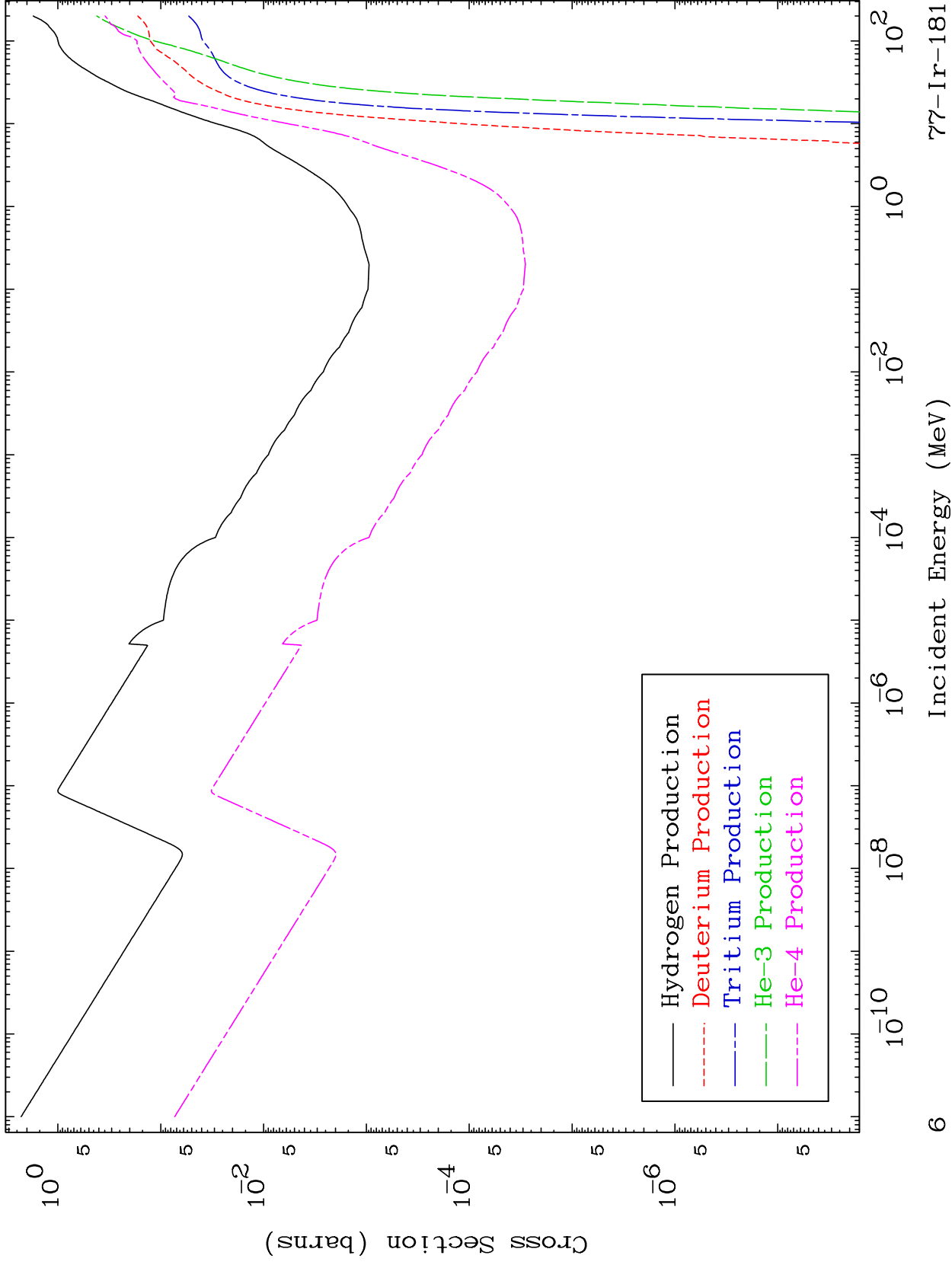
Incident Energy (MeV)

77-Ir-181

MAT 7695

Particle Production  
293 Kelvin Cross Sections

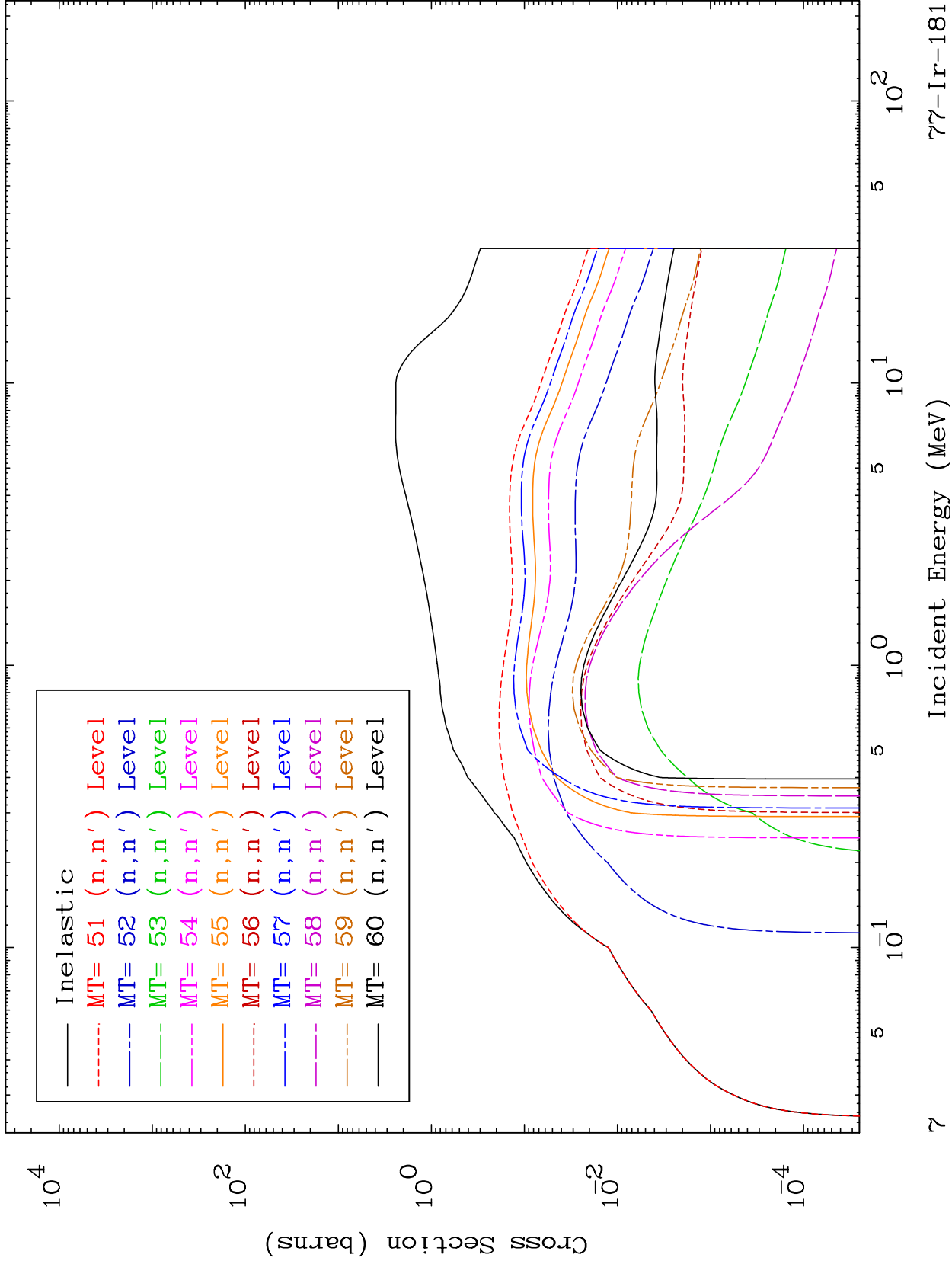
<sup>77</sup>Ir-181



MAT 7695

(n,n') Level  
293 Kelvin Cross Sections

77-Ir-181



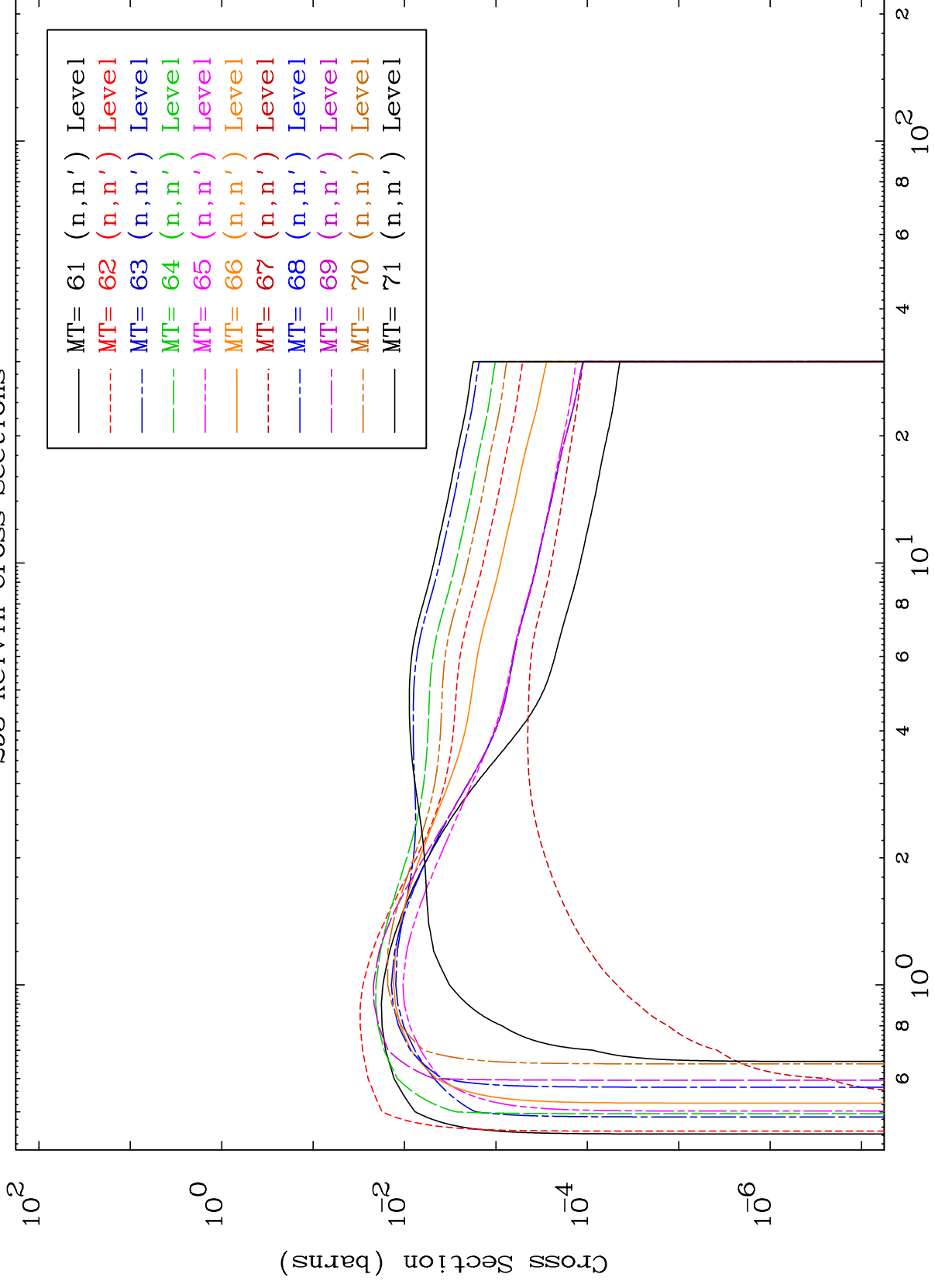


MAT 7695

(n,n') Level

77-Ir-181

293 Kelvin Cross Sections



8

Incident Energy (MeV)

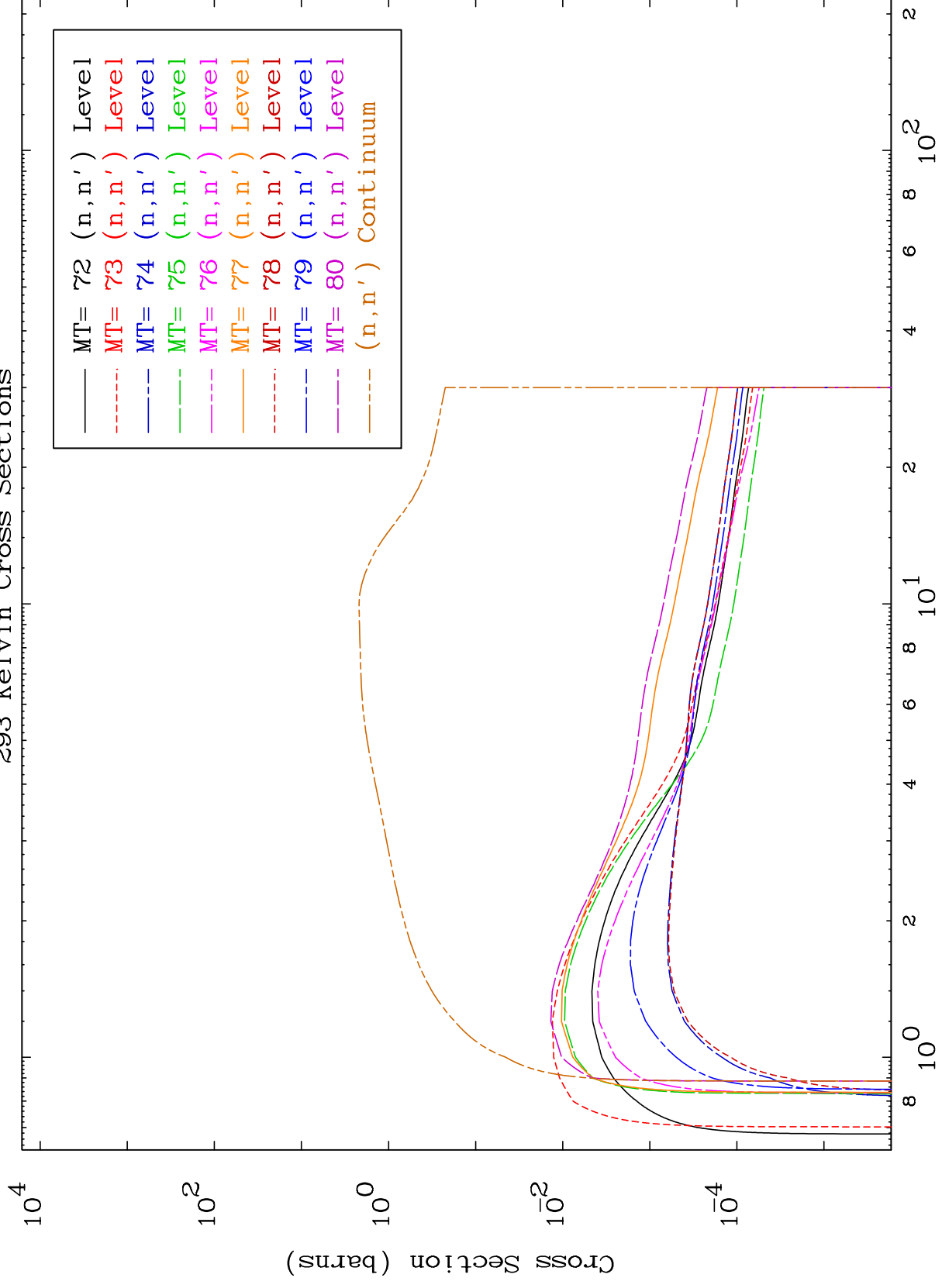
77-Ir-181

MAT 7695

(n,n') Level

77-Ir-181

293 Kelvin Cross Sections



9

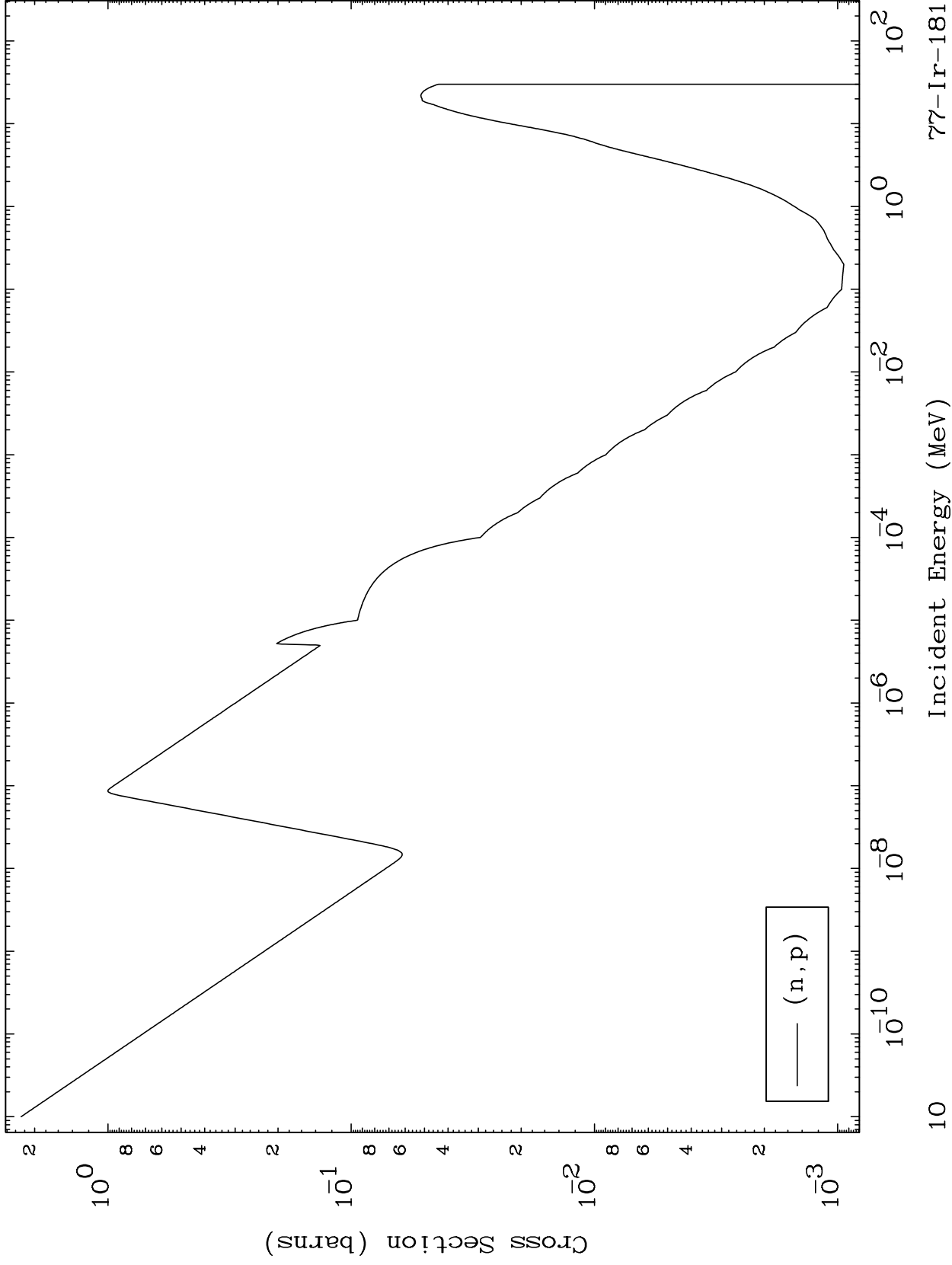
Incident Energy (MeV)

77-Ir-181

MAT 7695

(n,p) Levels  
293 Kelvin Cross Sections

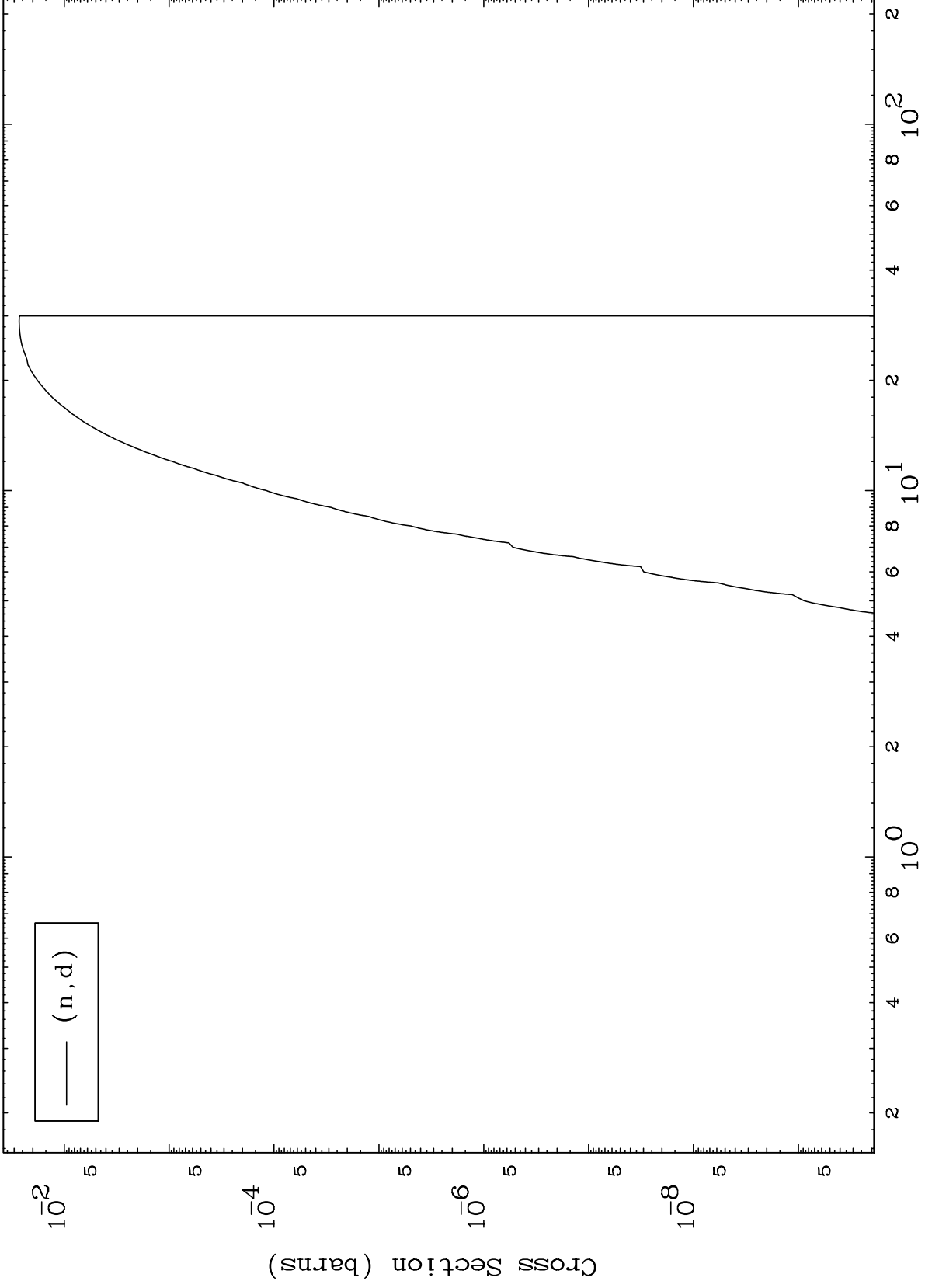
77-Ir-181



MAT 7695

(n,d) Levels  
293 Kelvin Cross Sections

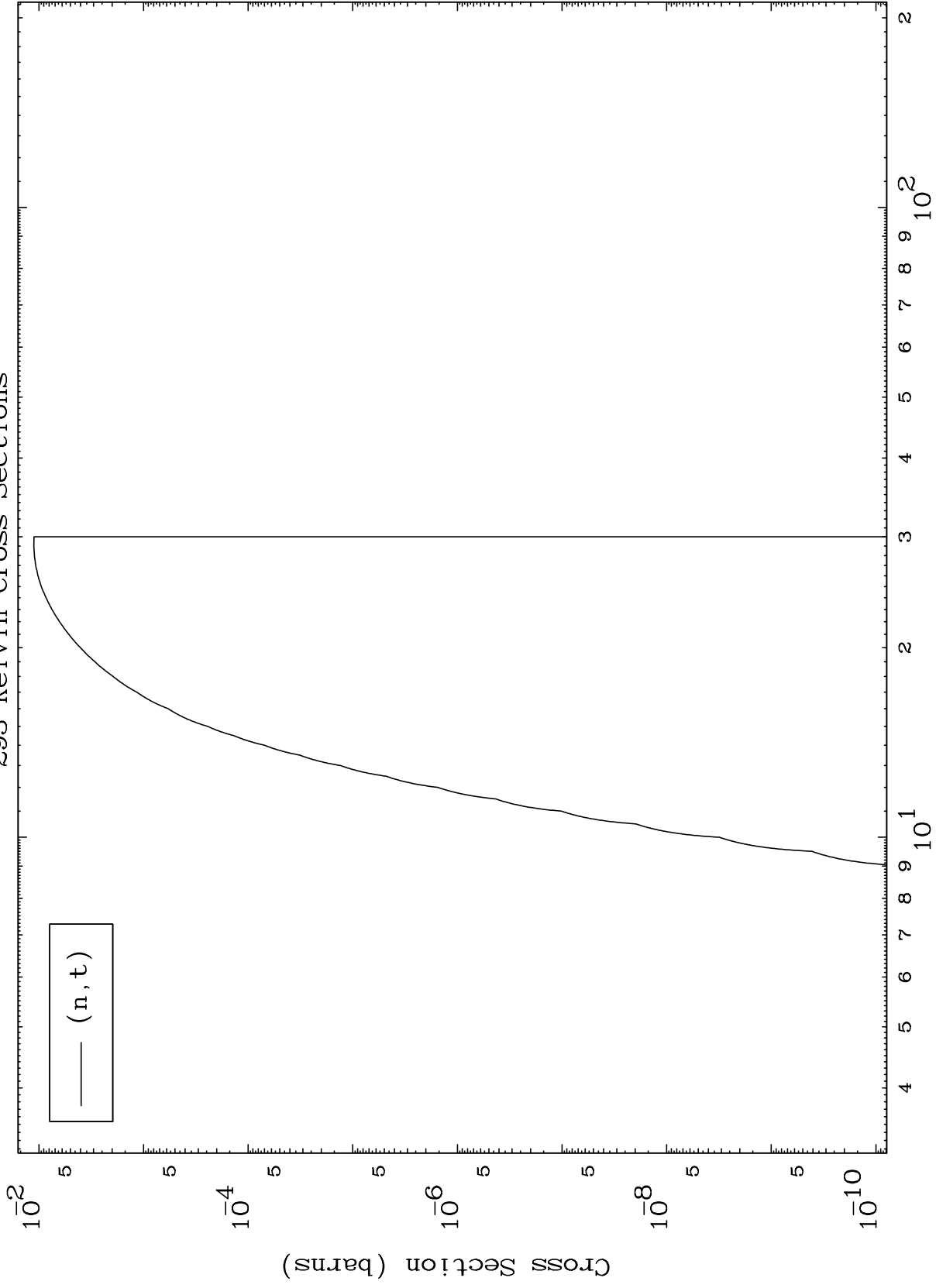
<sup>77</sup>Ir-181



MAT 7695

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-181



12

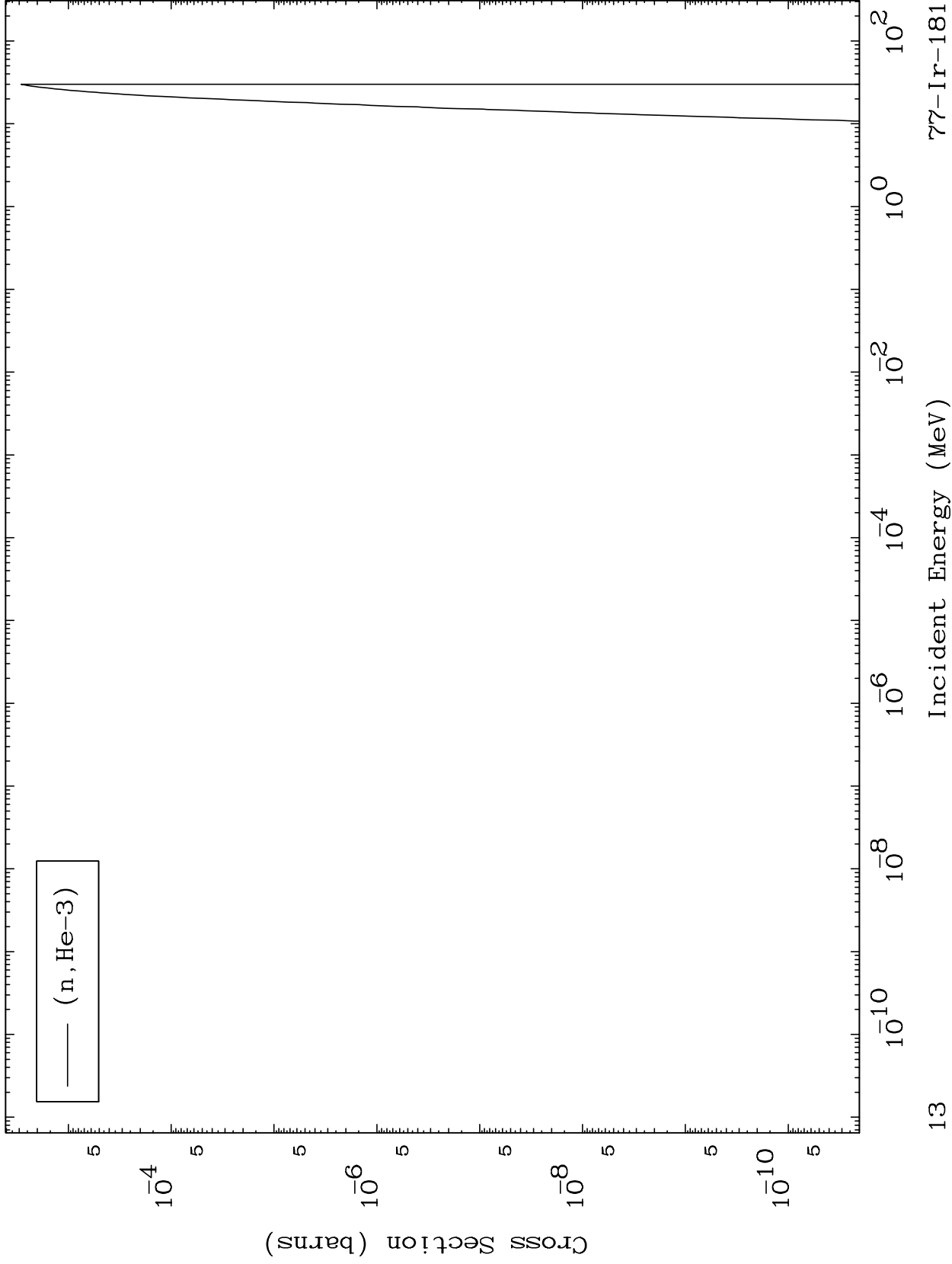
Incident Energy (MeV)

77-Ir-181

MAT 7695

(n,He3) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-181



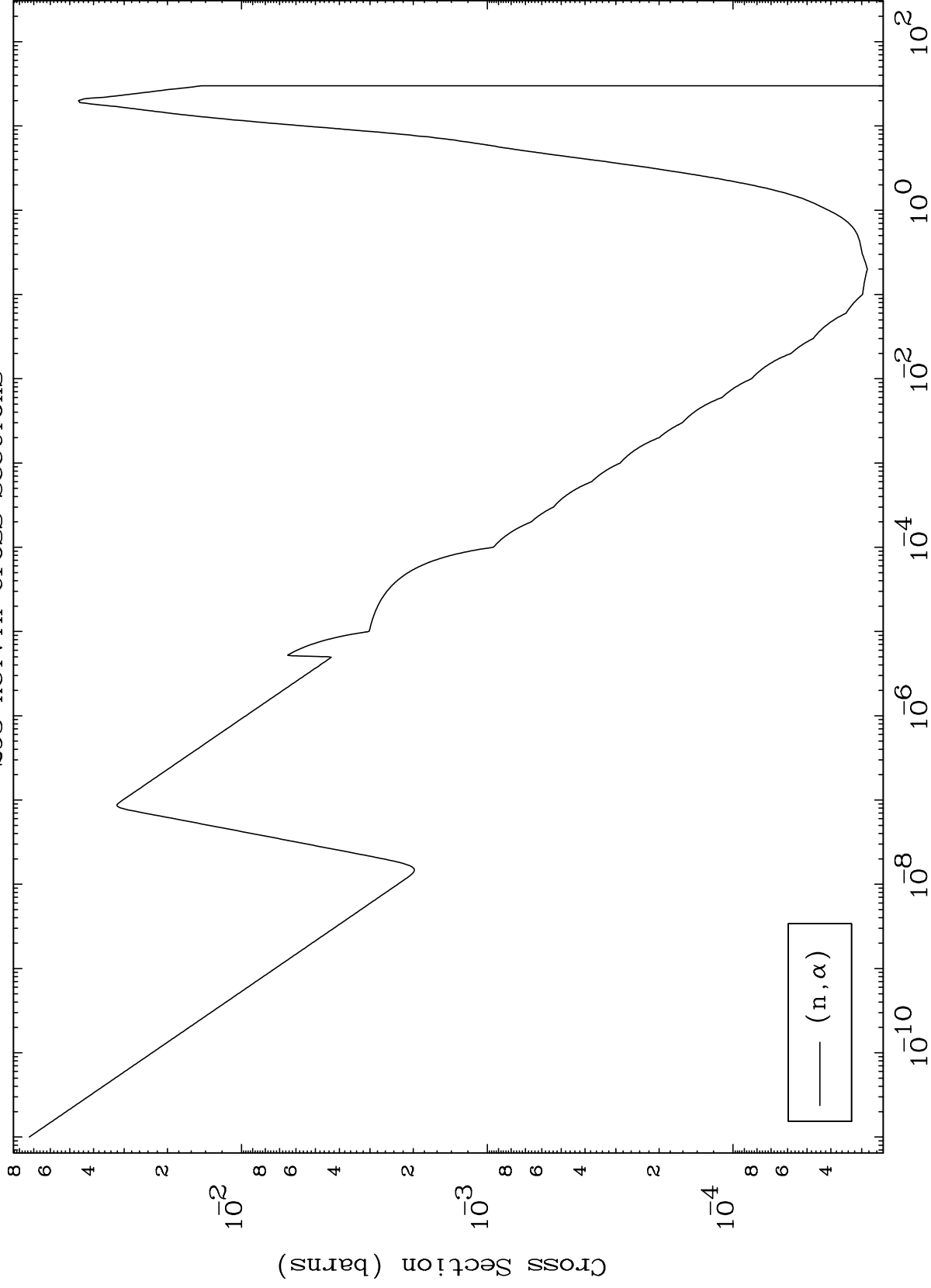
13

<sup>77</sup>Ir-181

MAT 7695

(n,α) Levels  
293 Kelvin Cross Sections

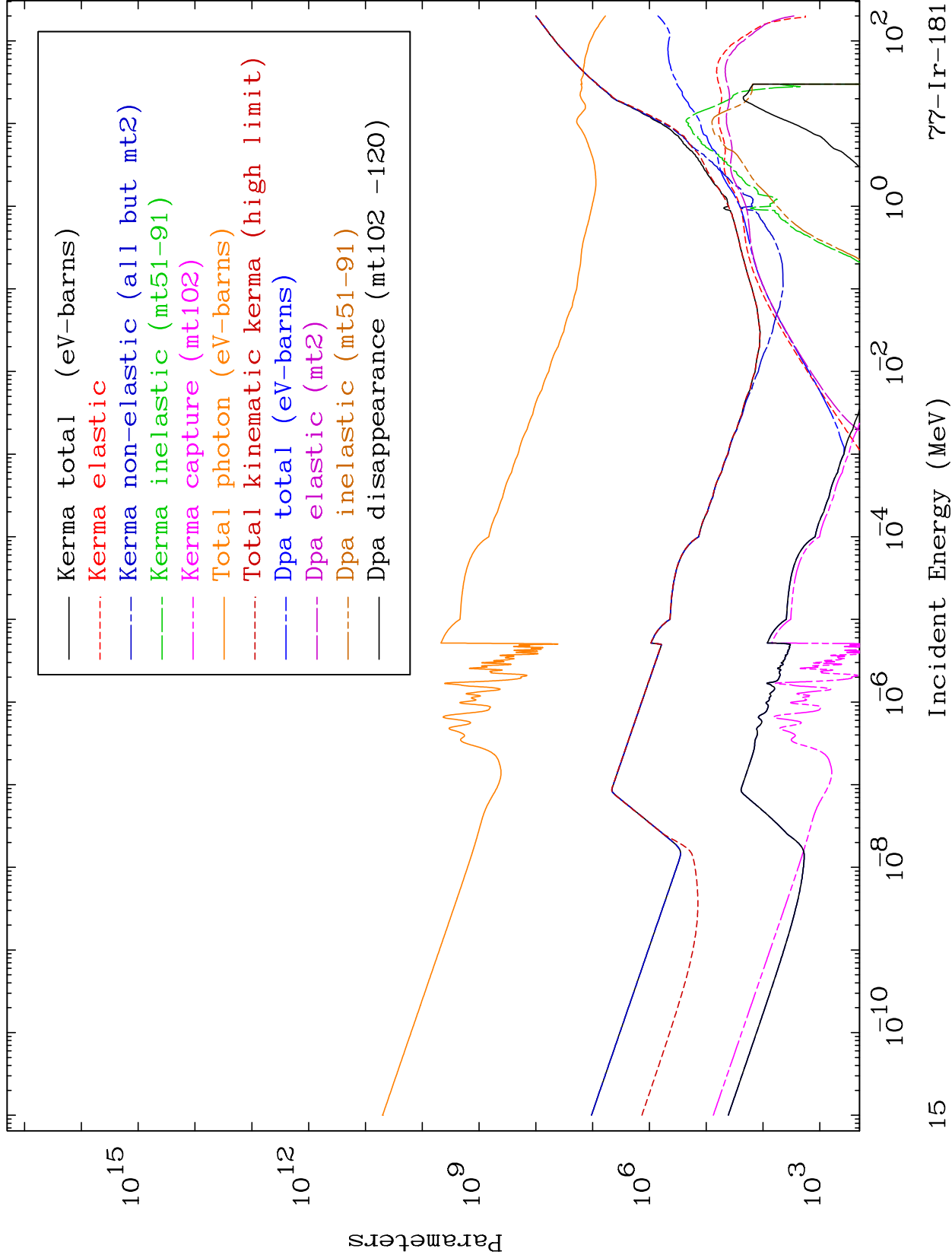
77-Ir-181



14

Incident Energy (MeV)

77-Ir-181

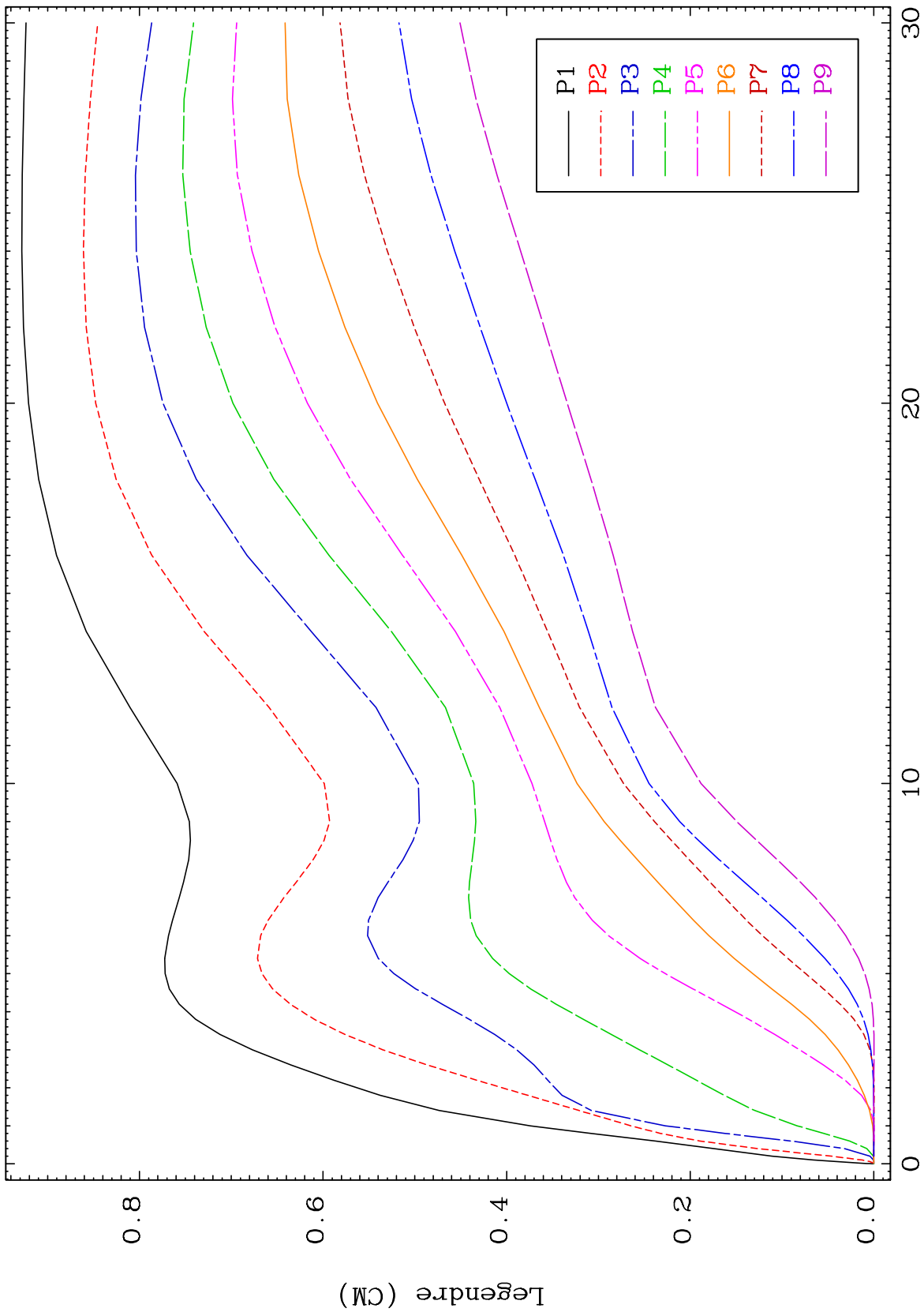




MAT 7695

Elastic Legendre Coefficients

<sup>77</sup>Ir-181



16

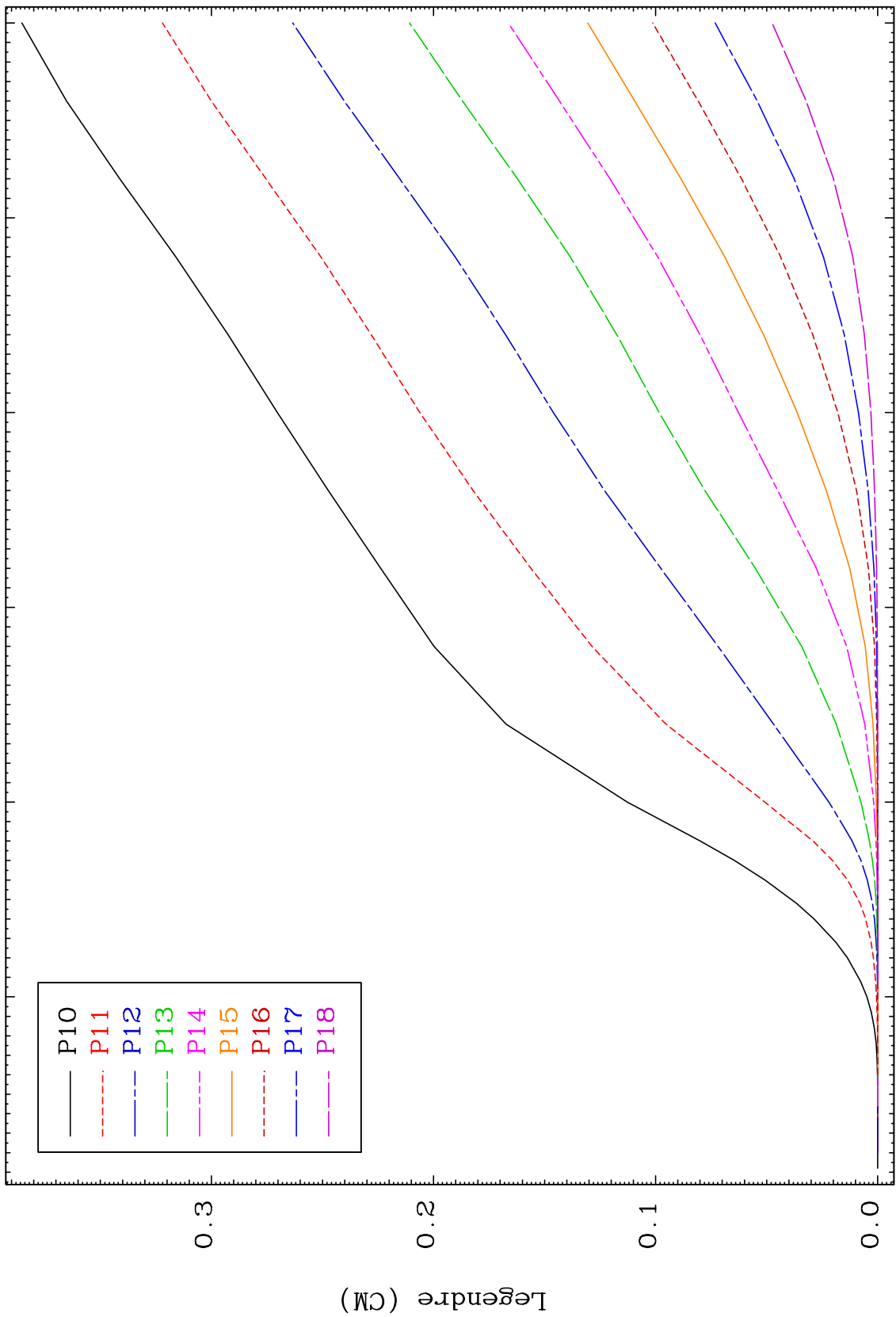
Incident Energy (MeV)

<sup>77</sup>Ir-181

MAT 7695

Elastic Legendre Coefficients

<sup>77</sup>Ir-181



17

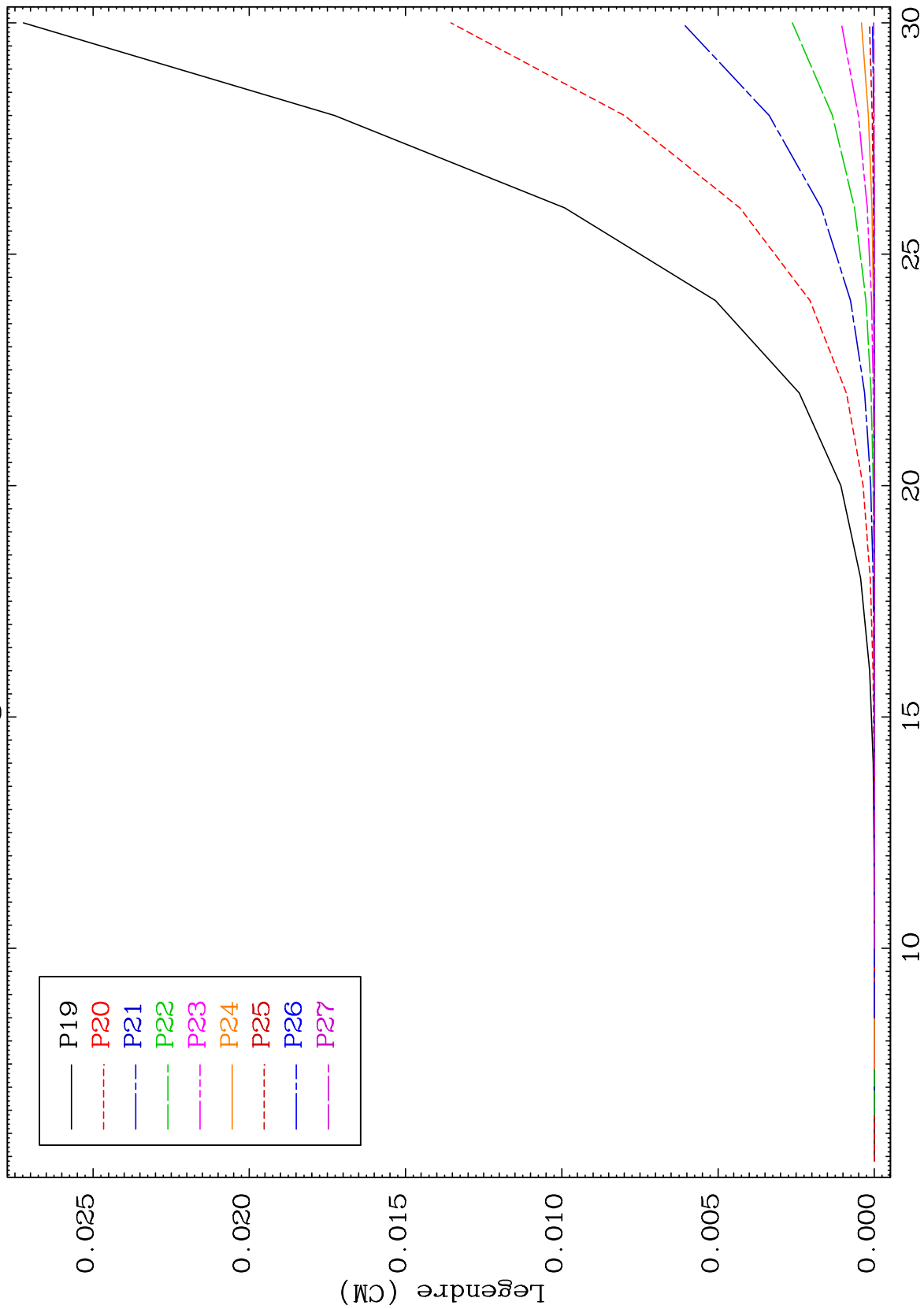
Incident Energy (MeV)

<sup>77</sup>Ir-181

MAT 7695

### Elastic Legendre Coefficients

<sup>77</sup>Ir-181



18

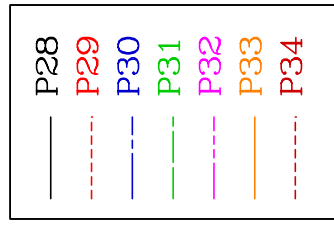
Incident Energy (MeV)

<sup>77</sup>Ir-181

MAT 7695

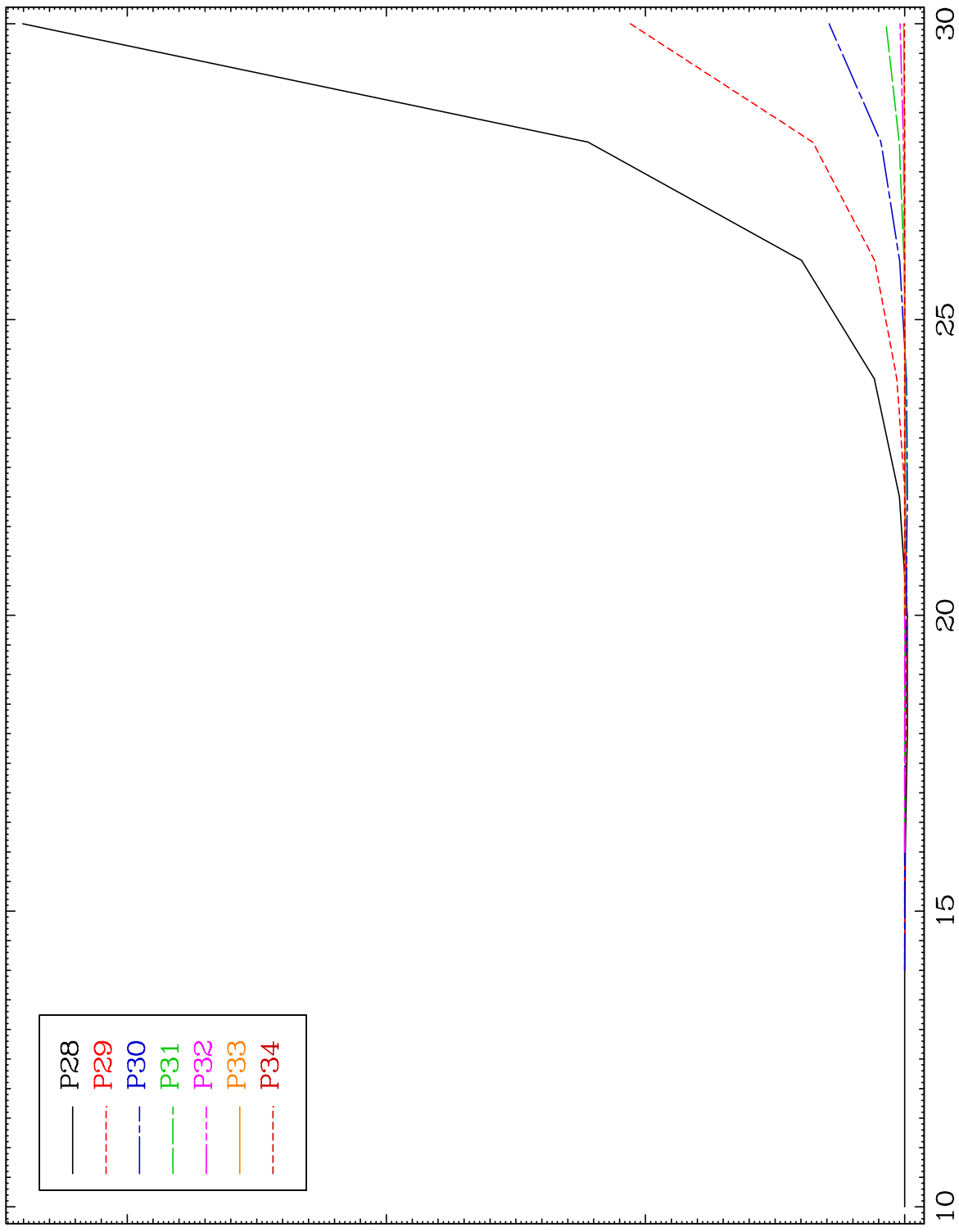
Elastic Legendre Coefficients

<sup>77</sup>Ir-181



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

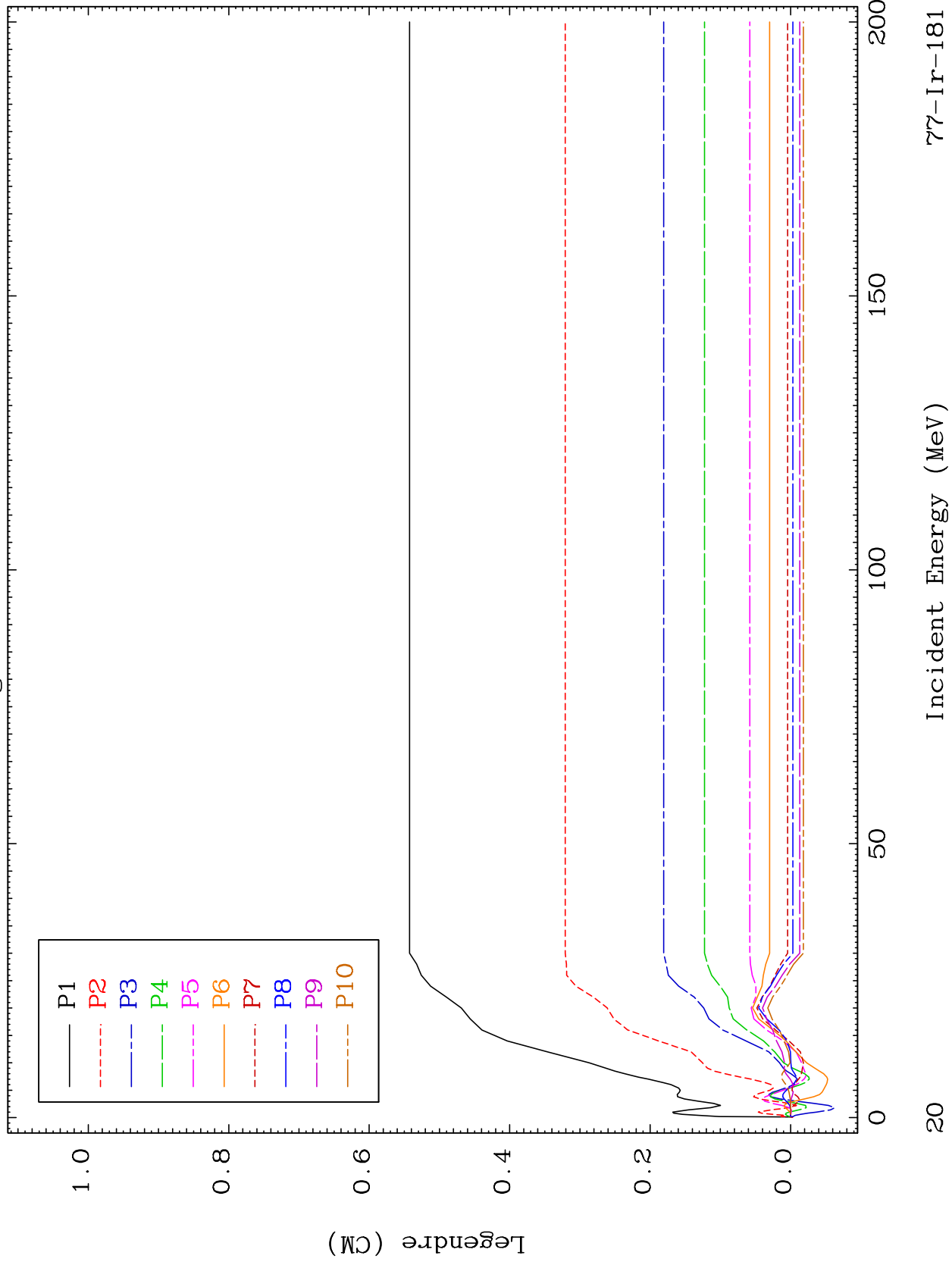
Incident Energy (MeV)

<sup>77</sup>Ir-181

MAT 7695

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

<sup>77</sup>Ir-181



<sup>77</sup>Ir-181

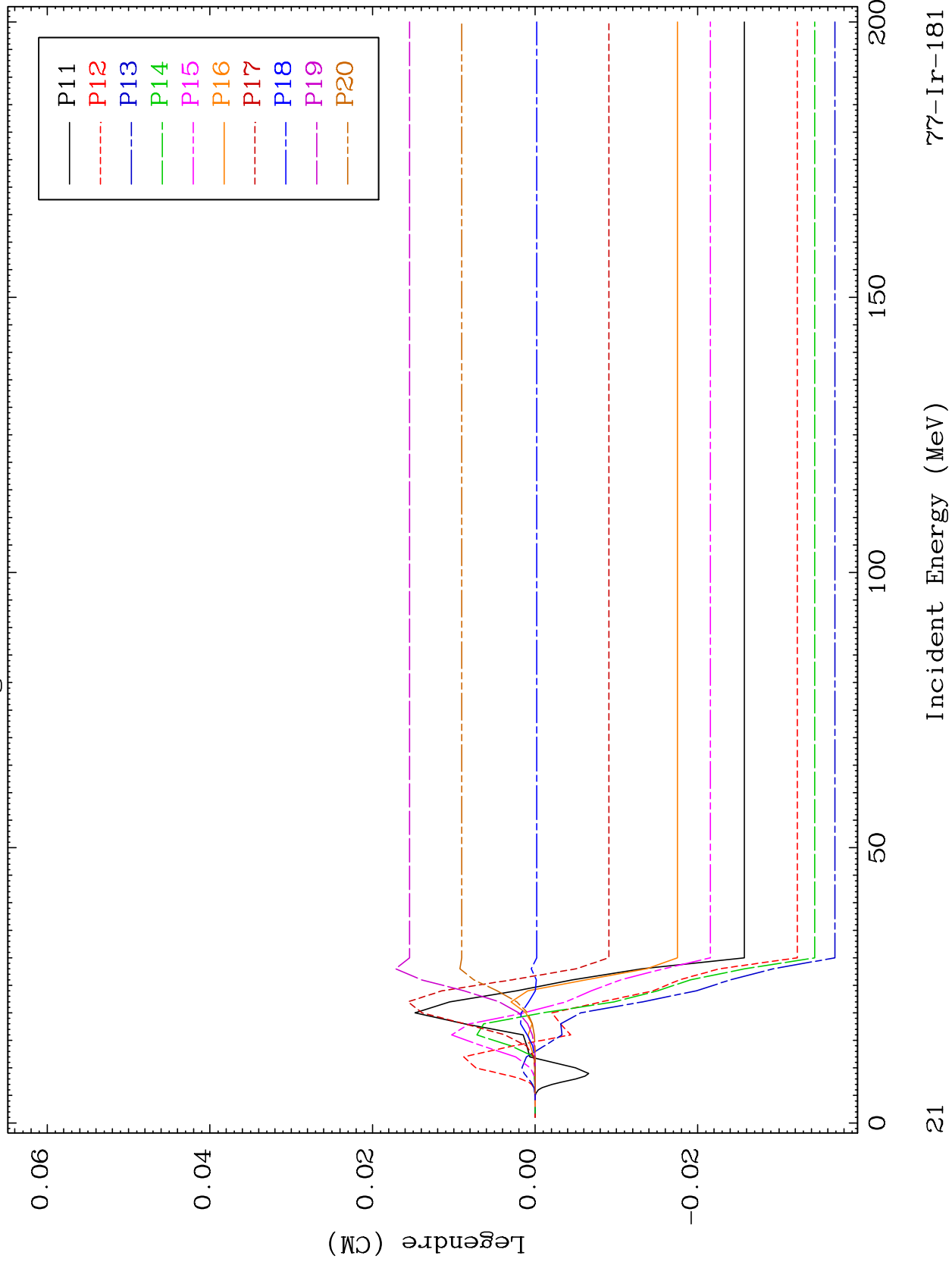
Incident Energy (MeV)

Legendre (CM)

MAT 7695

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

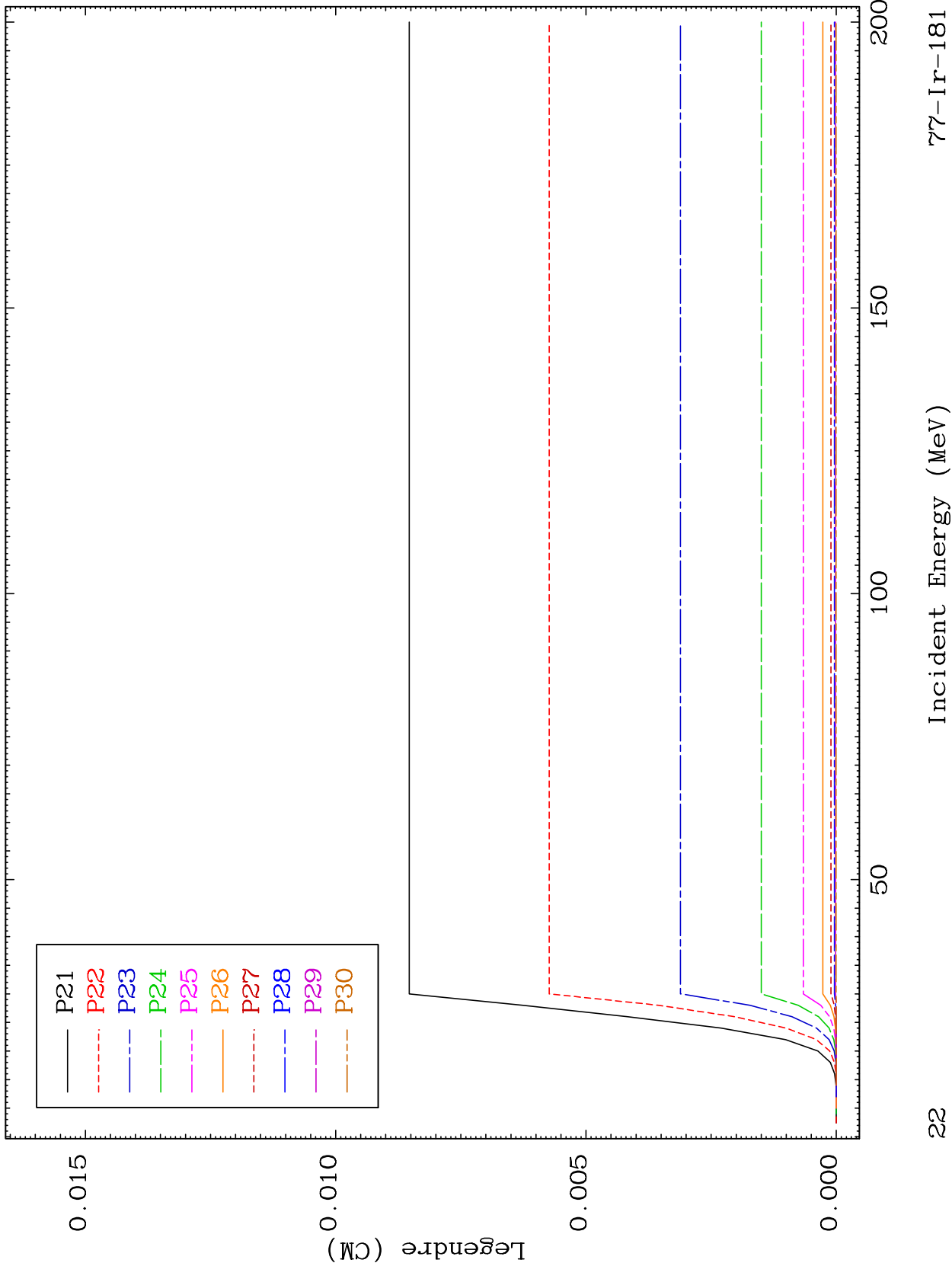
77-Ir-181



77-Ir-181

Incident Energy (MeV)

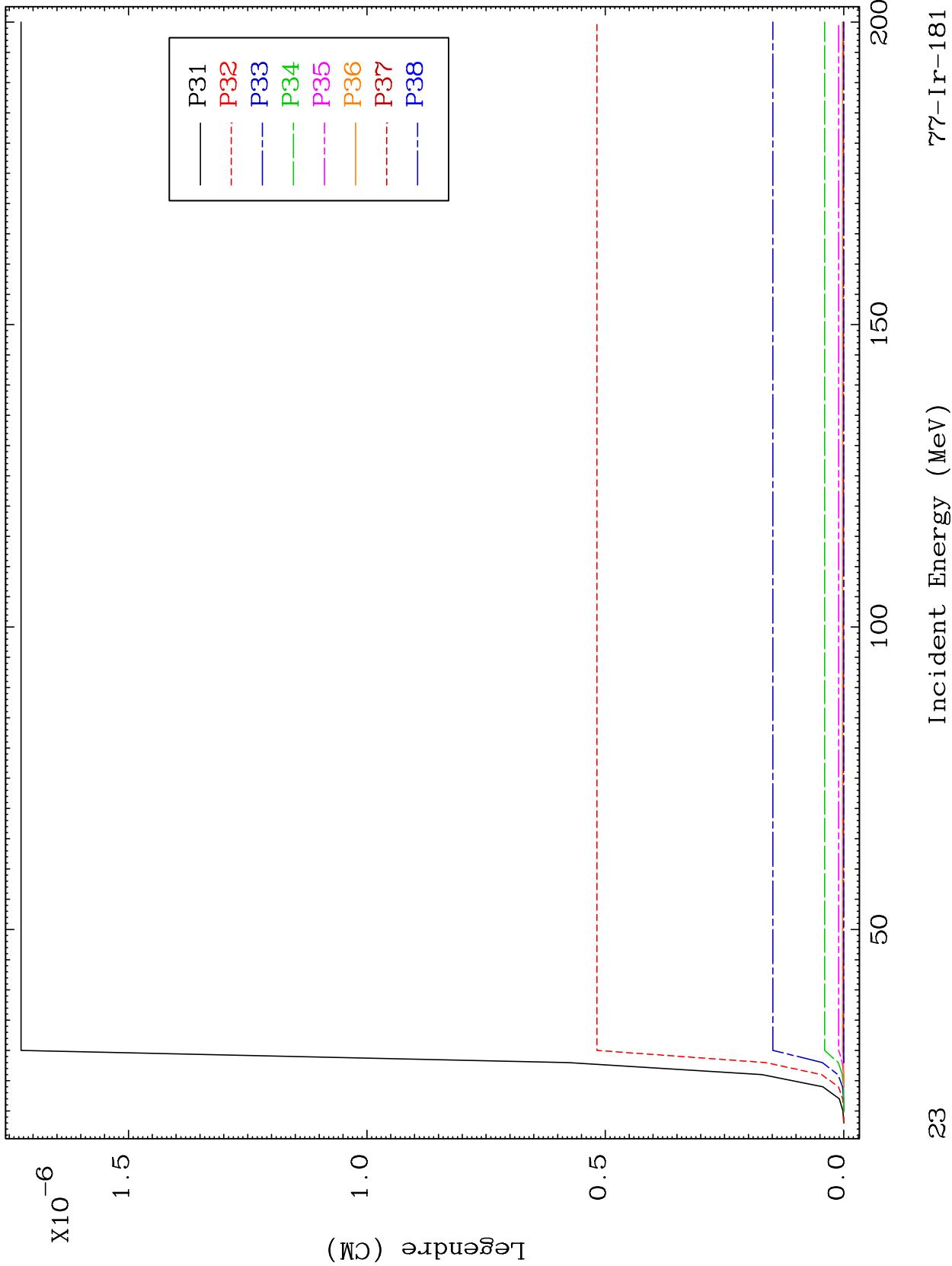
21



MAT 7695

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

77-Ir-181



23

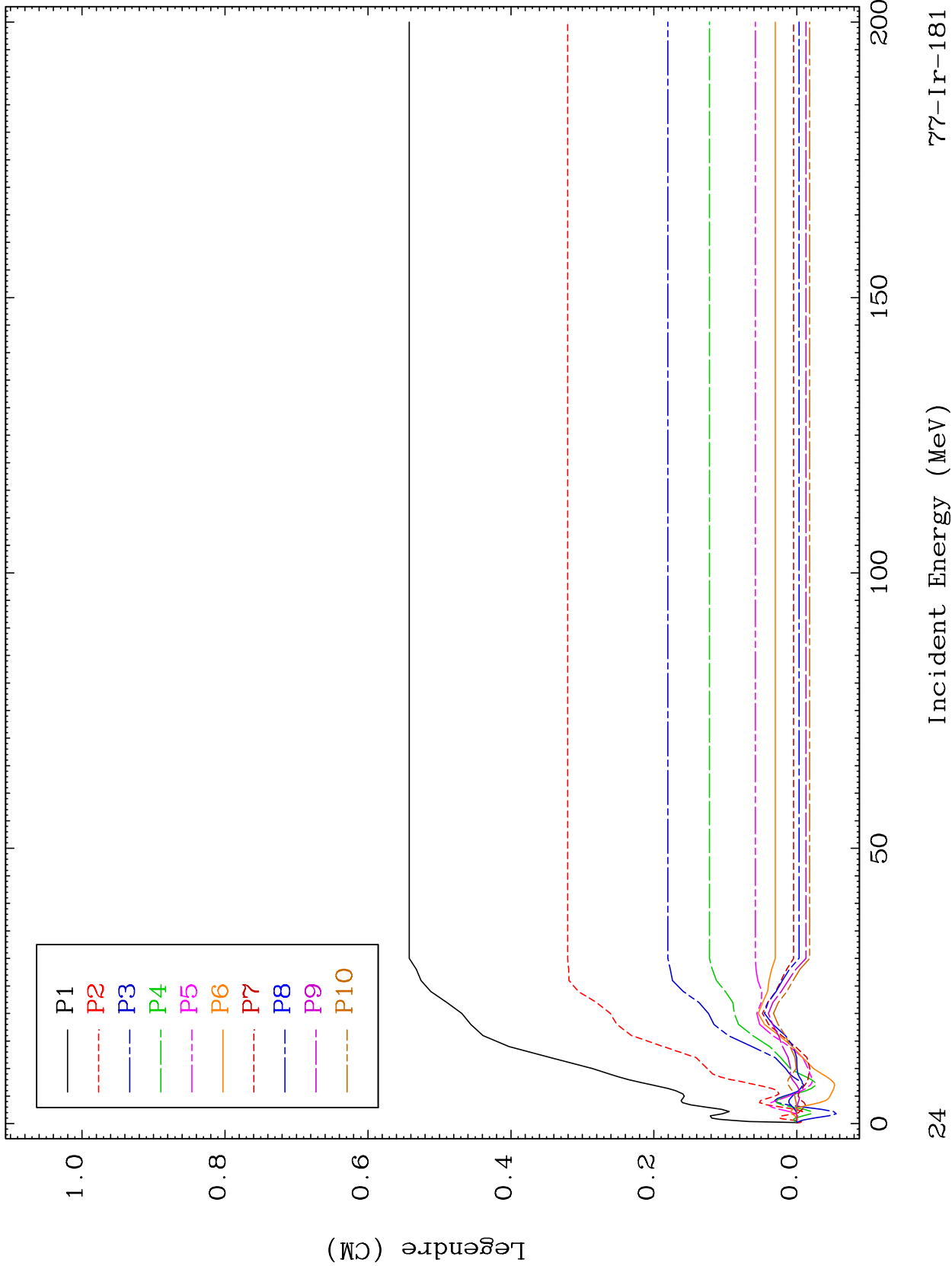
77-Ir-181



MAT 7695

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

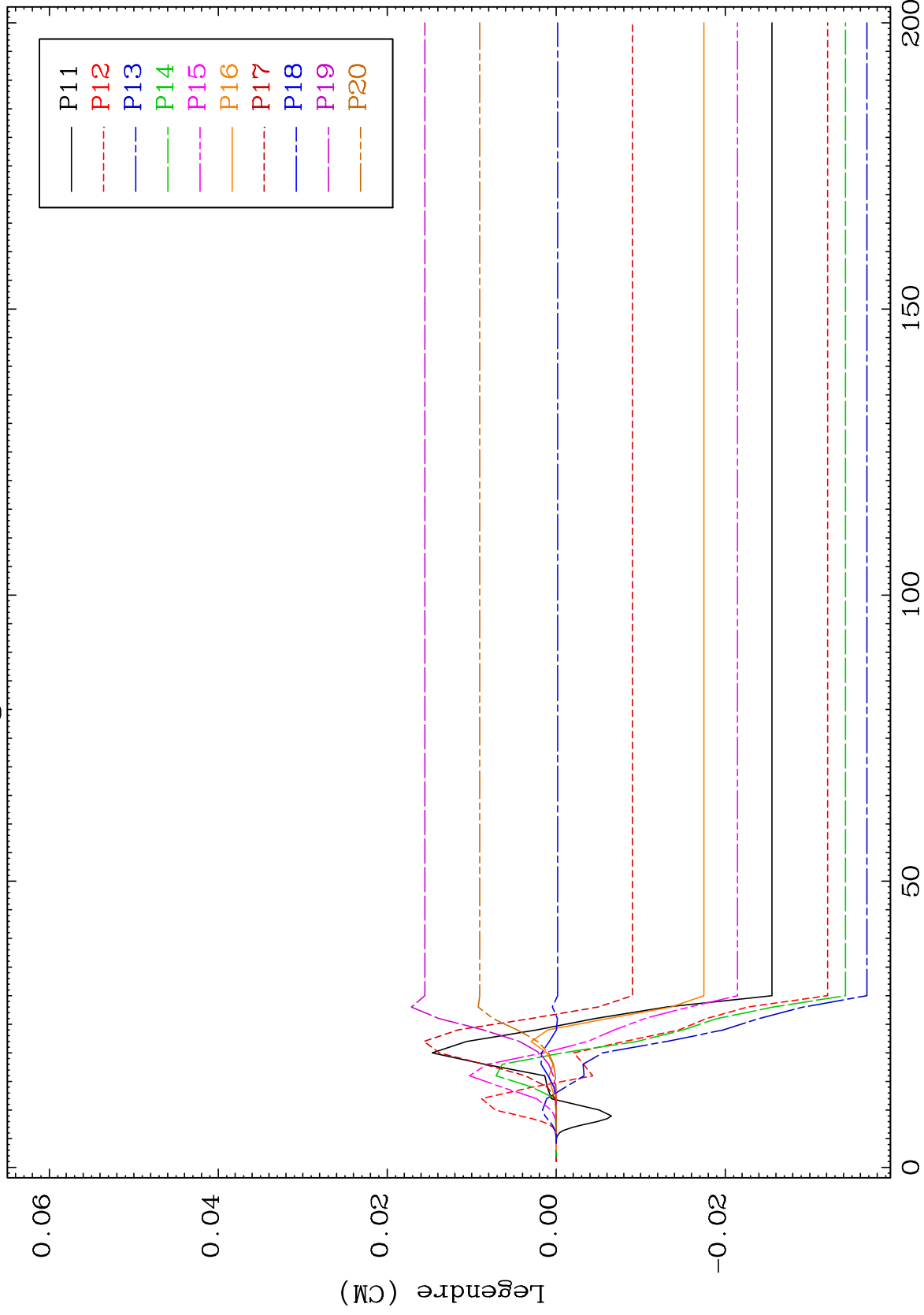
77-Ir-181



MAT 7695

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

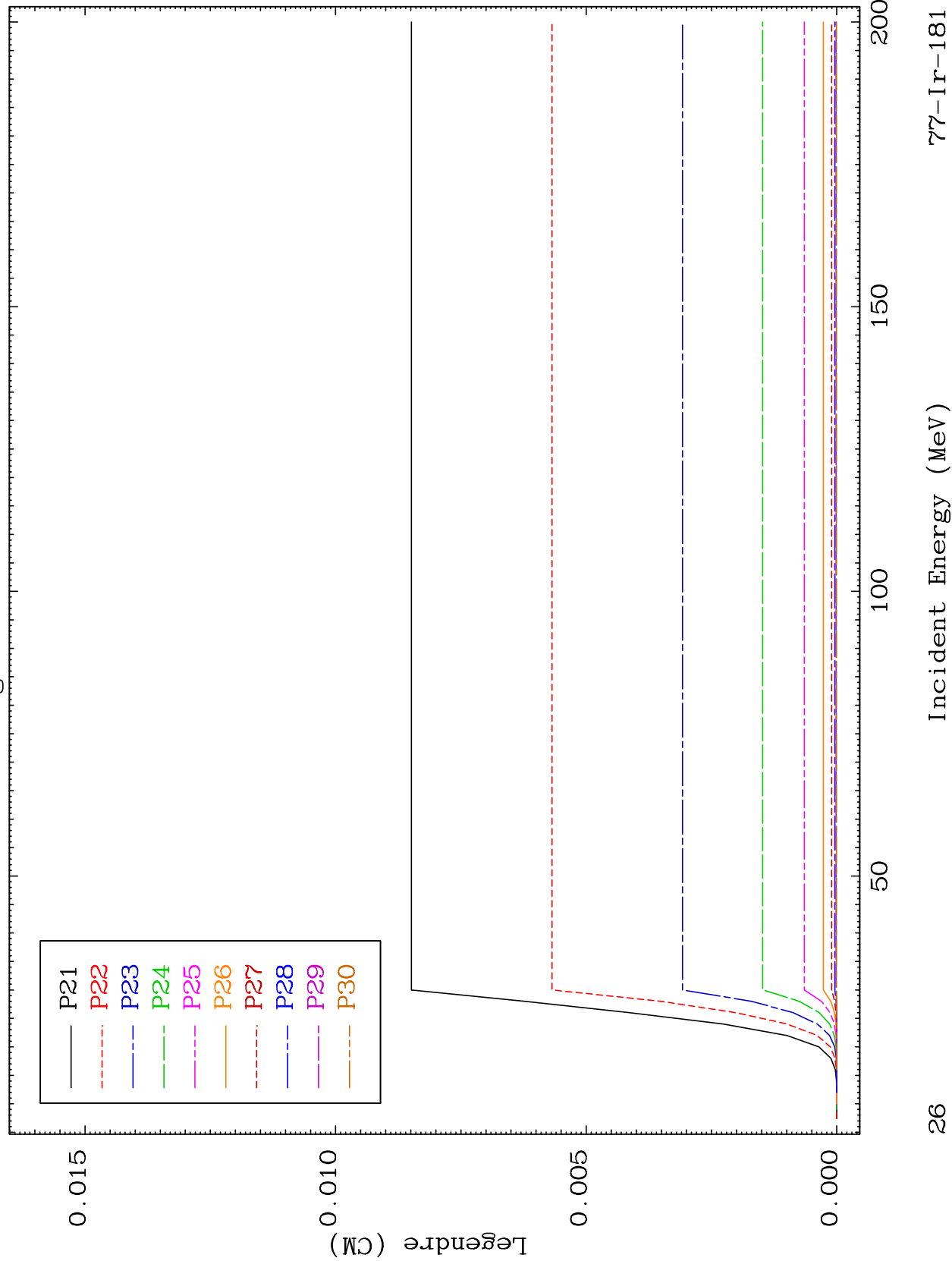
77-Ir-181



25

Incident Energy (MeV)

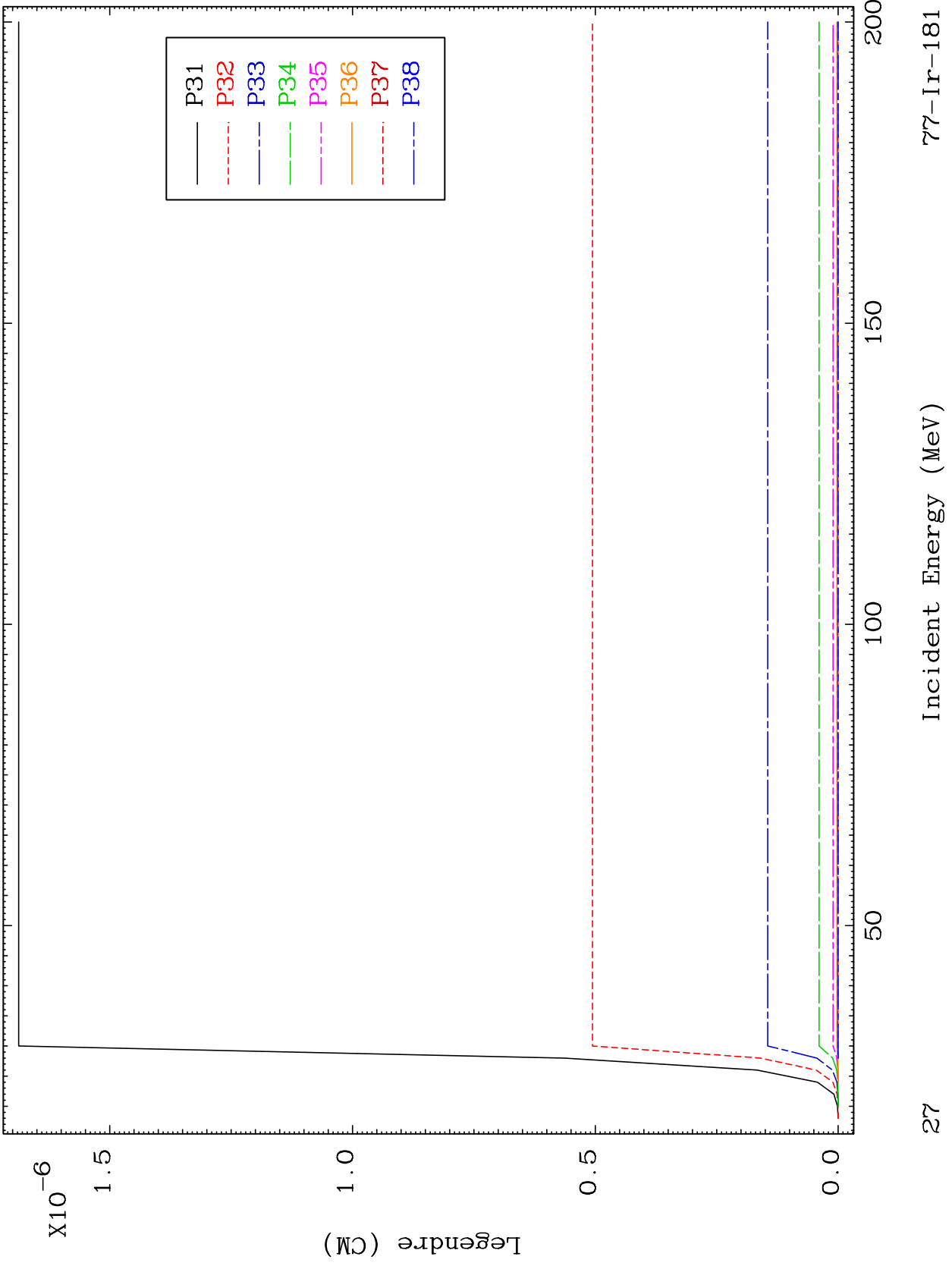
77-Ir-181



MAT 7695

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

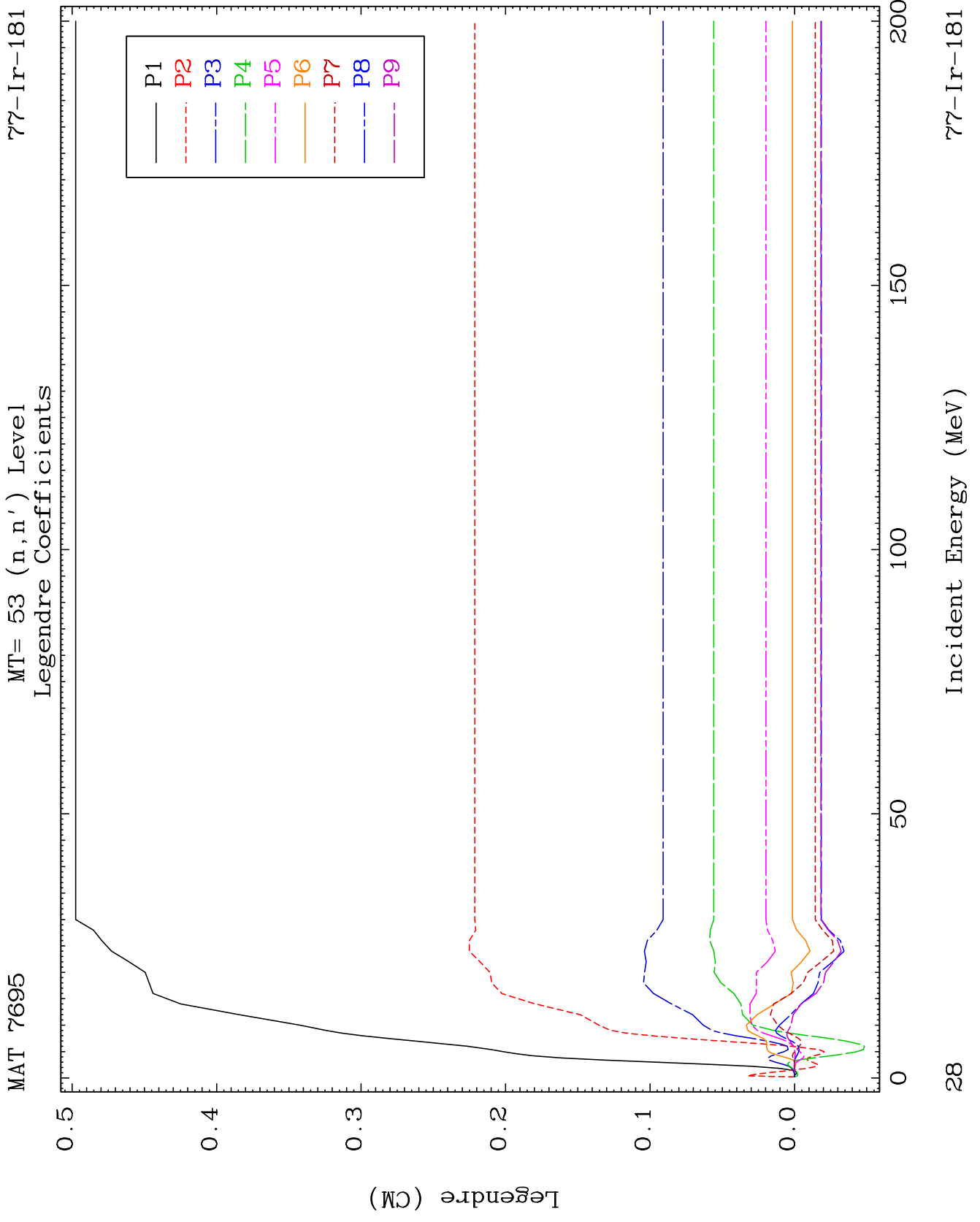
77-Ir-181



27

Incident Energy (MeV)

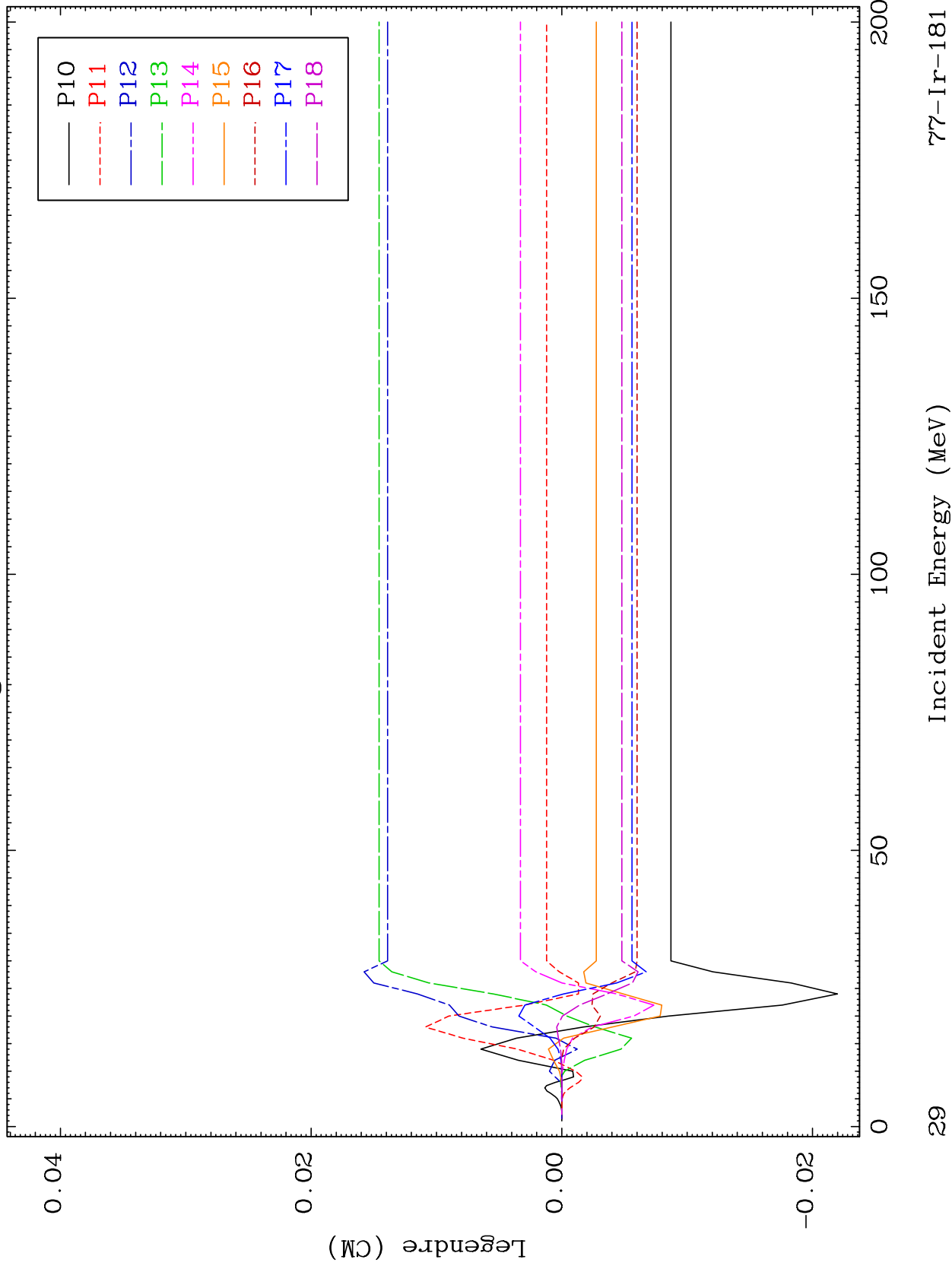
77-Ir-181



MAT 7695

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

77-Ir-181



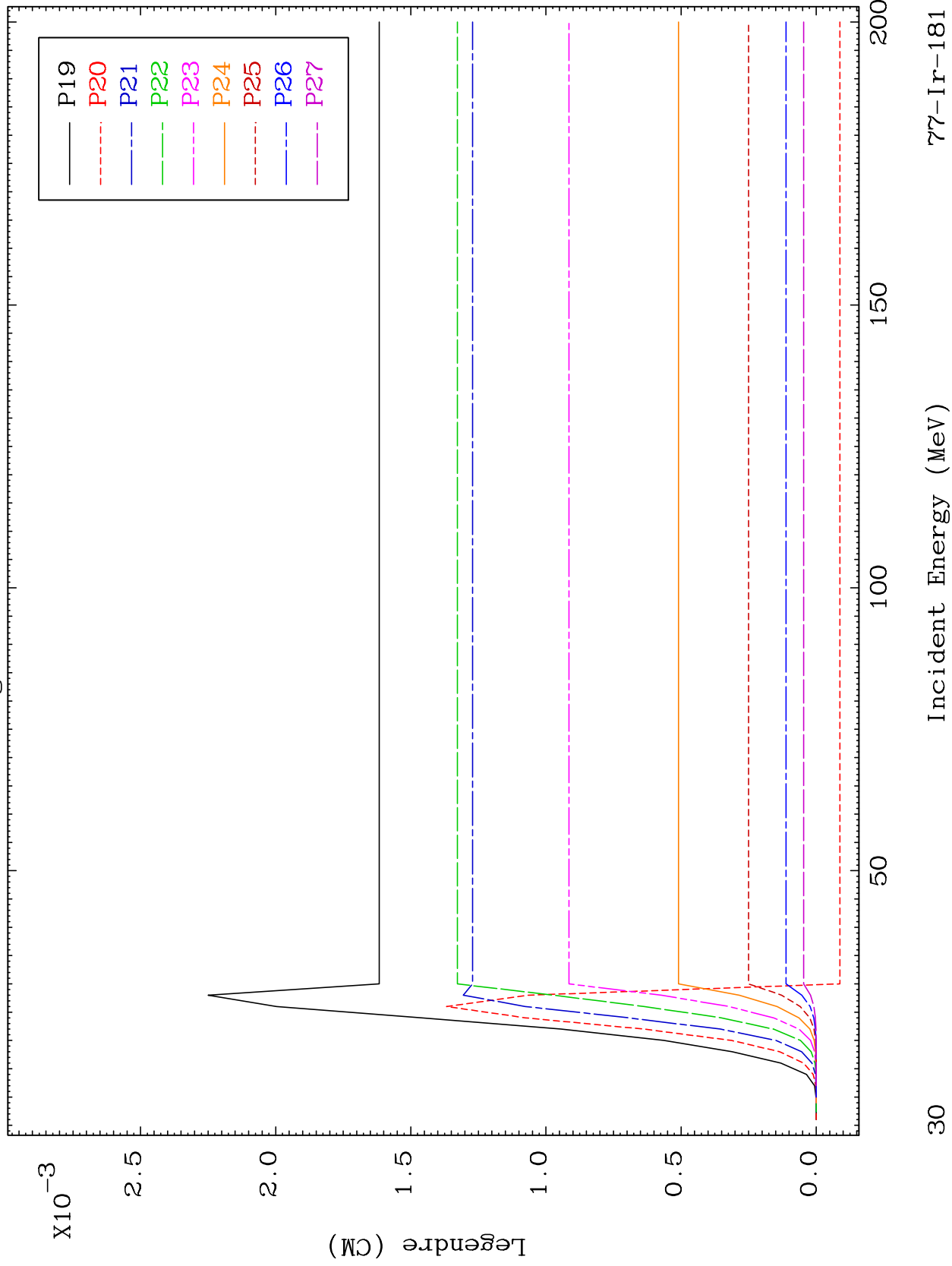
29

77-Ir-181

MAT 7695

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

77-Ir-181



77-Ir-181

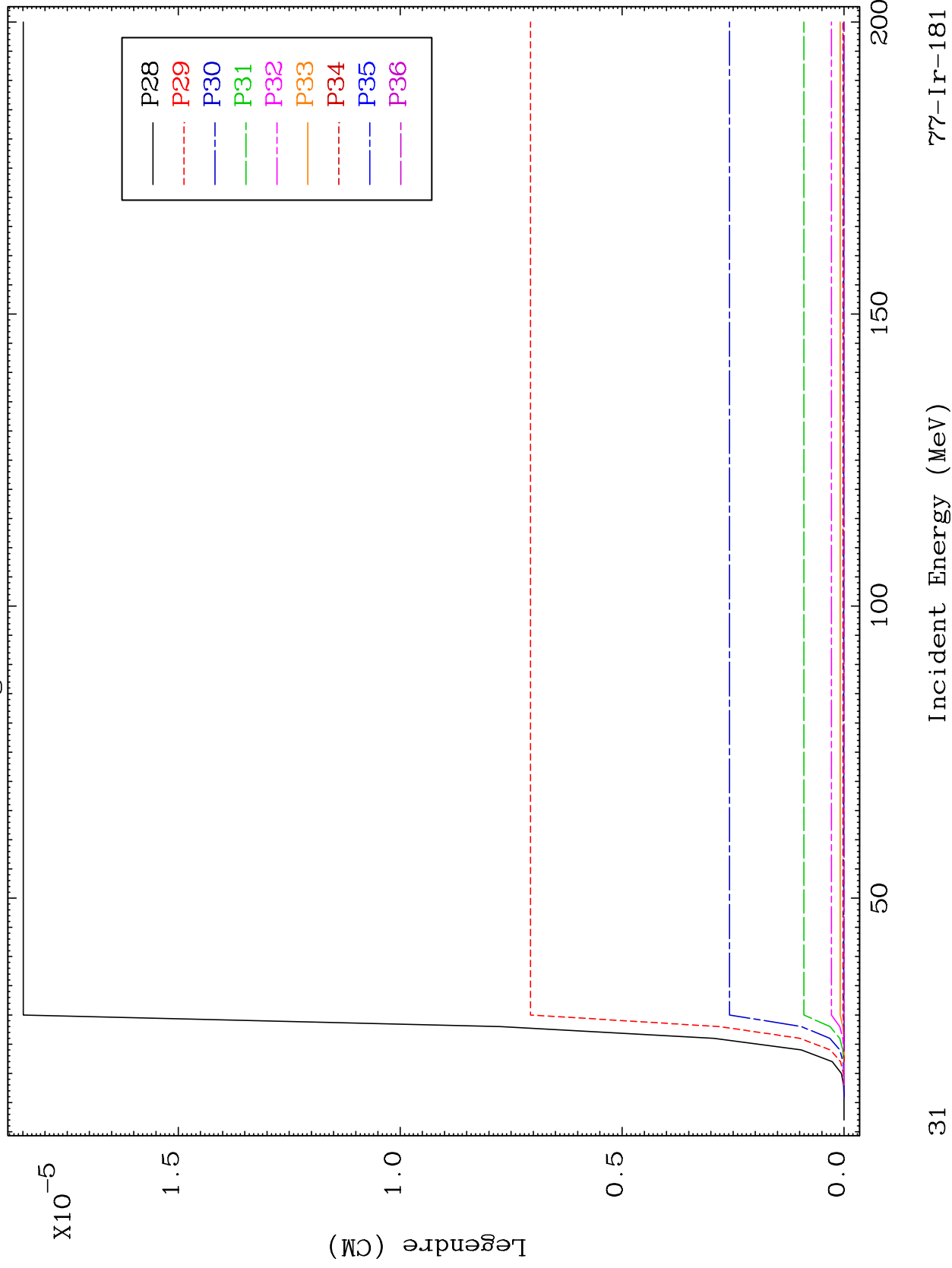
Incident Energy (MeV)

30

MAT 7695

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

77-Ir-181



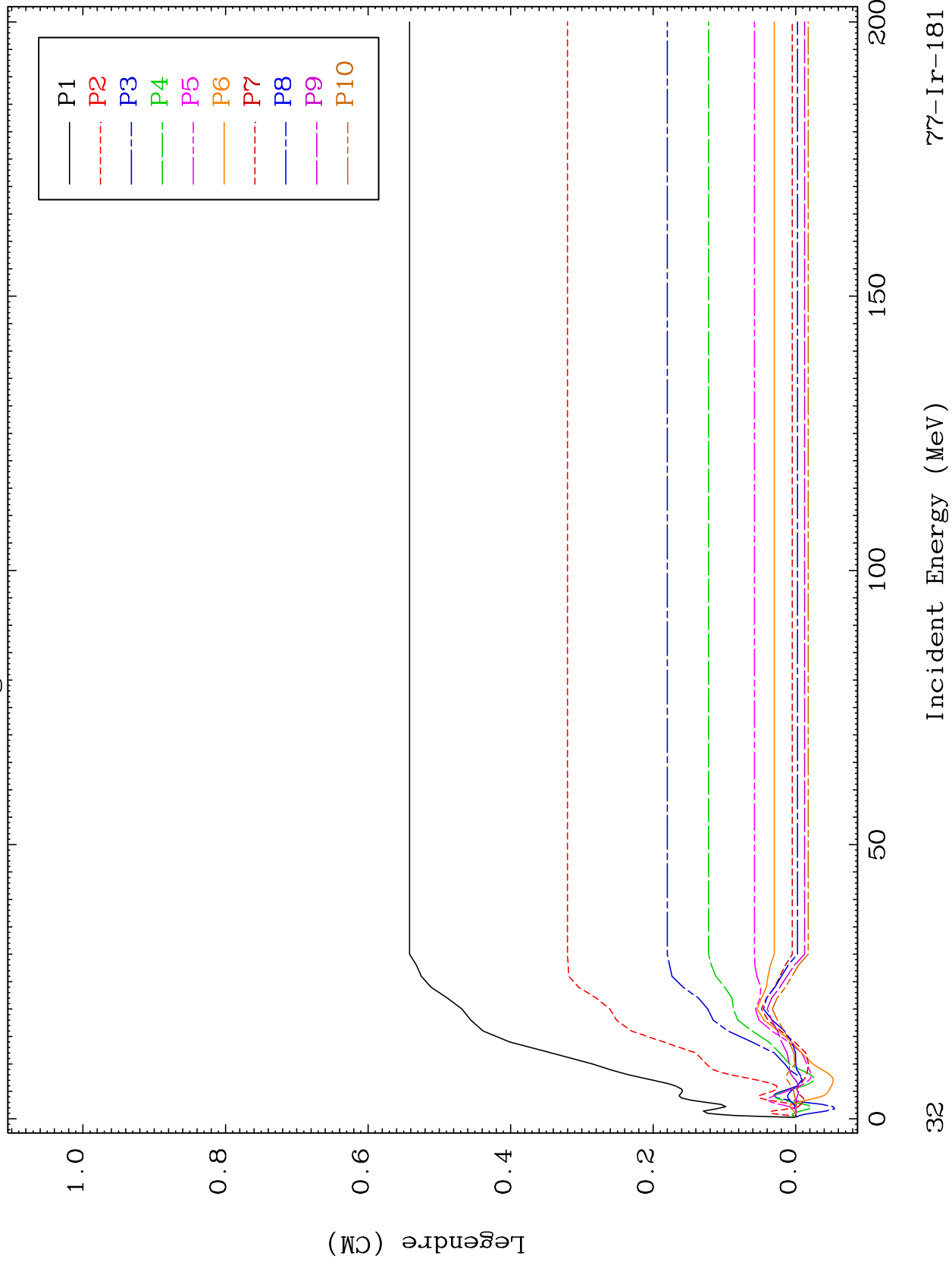
31



MAT 7695

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

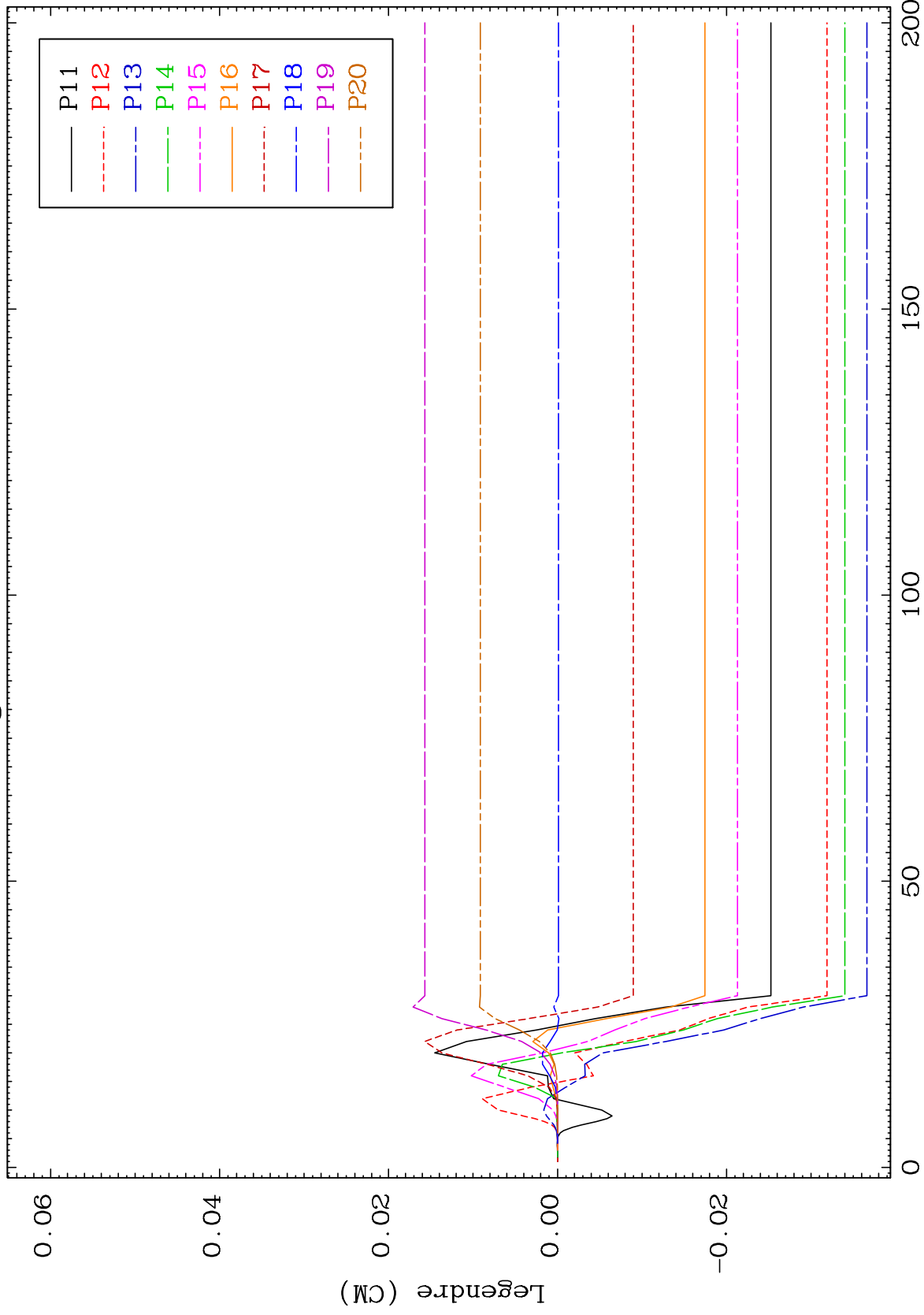
77-Ir-181



MAT 7695

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

77-Ir-181



33

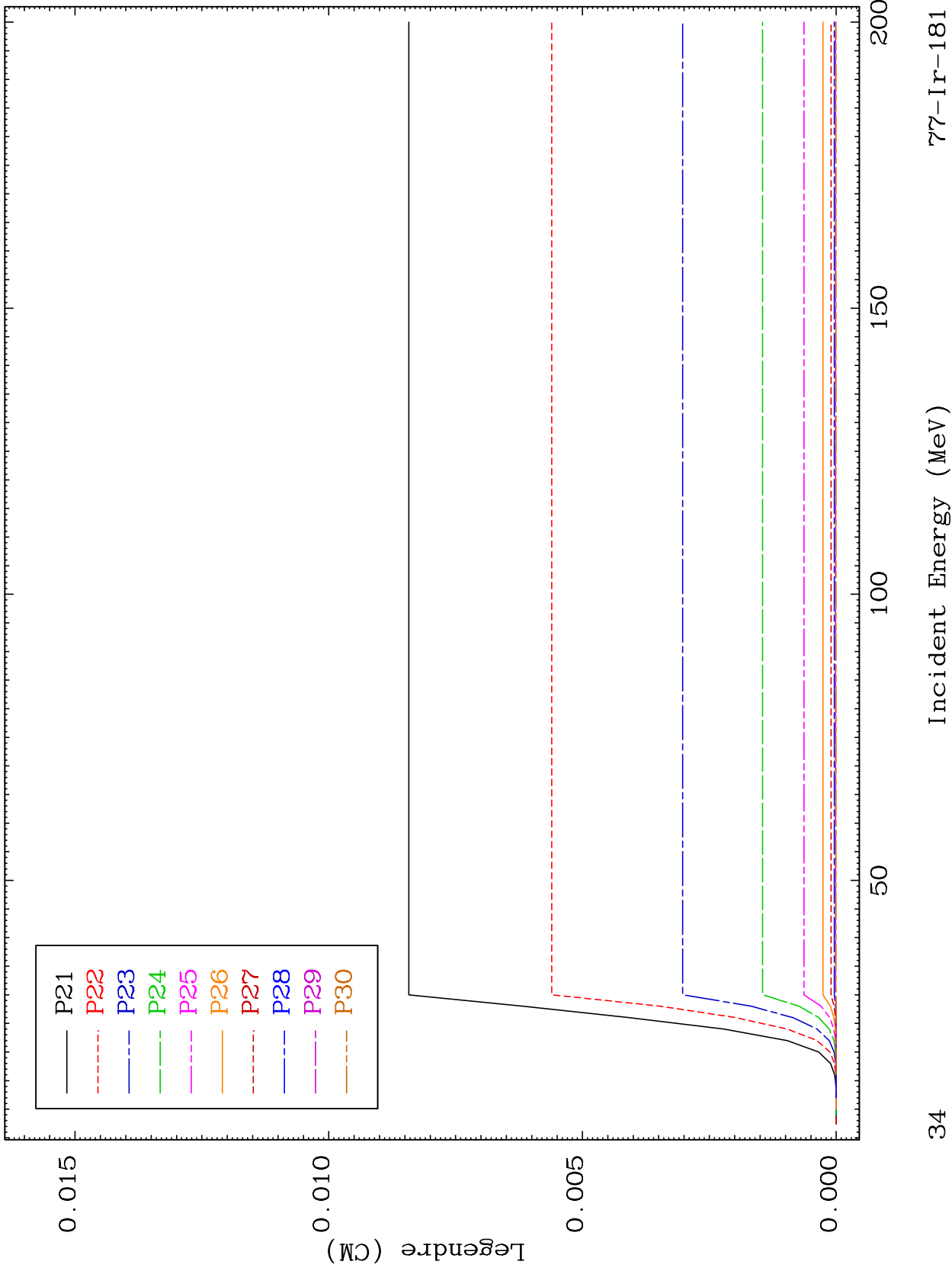
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



34

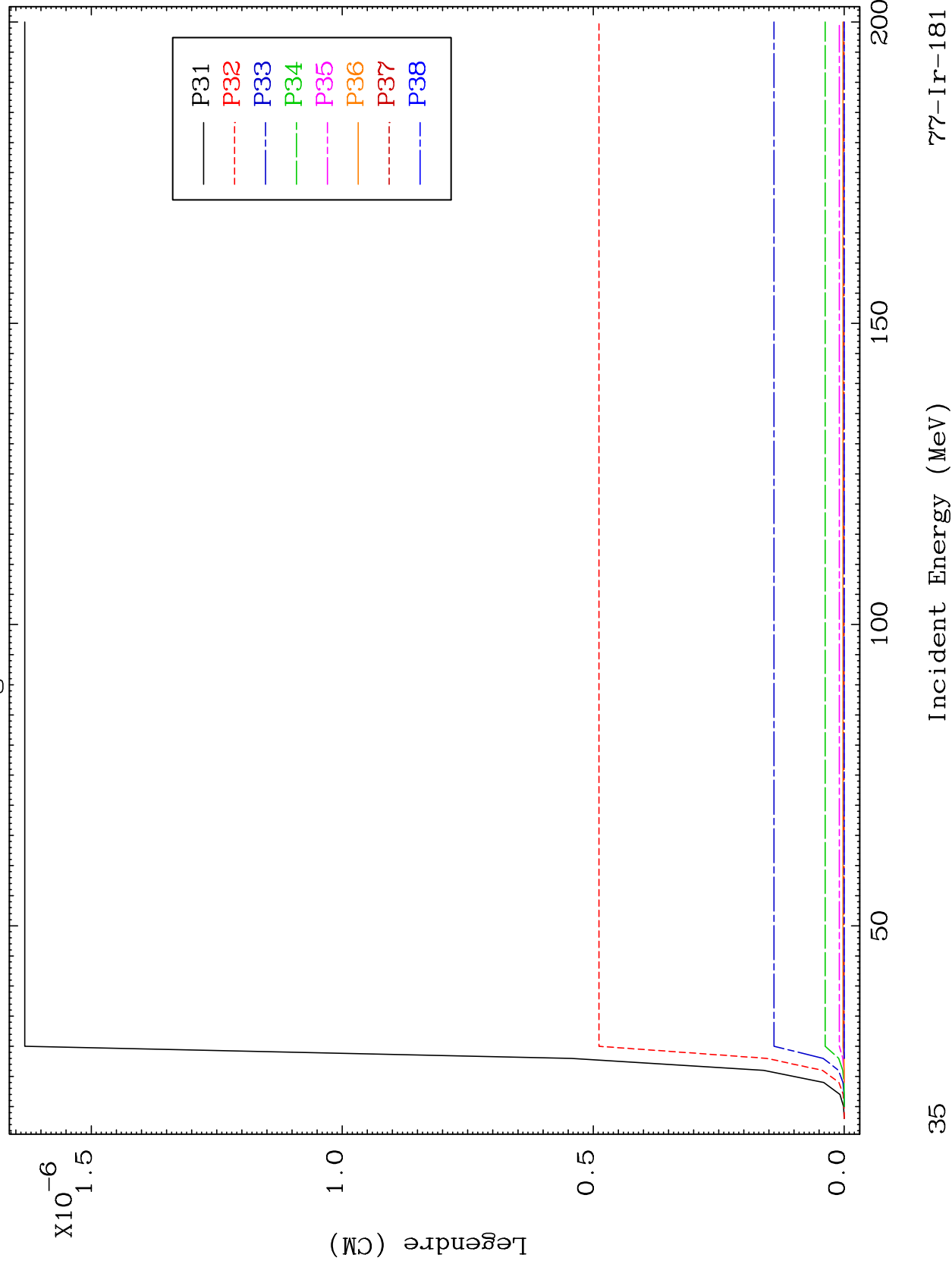
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

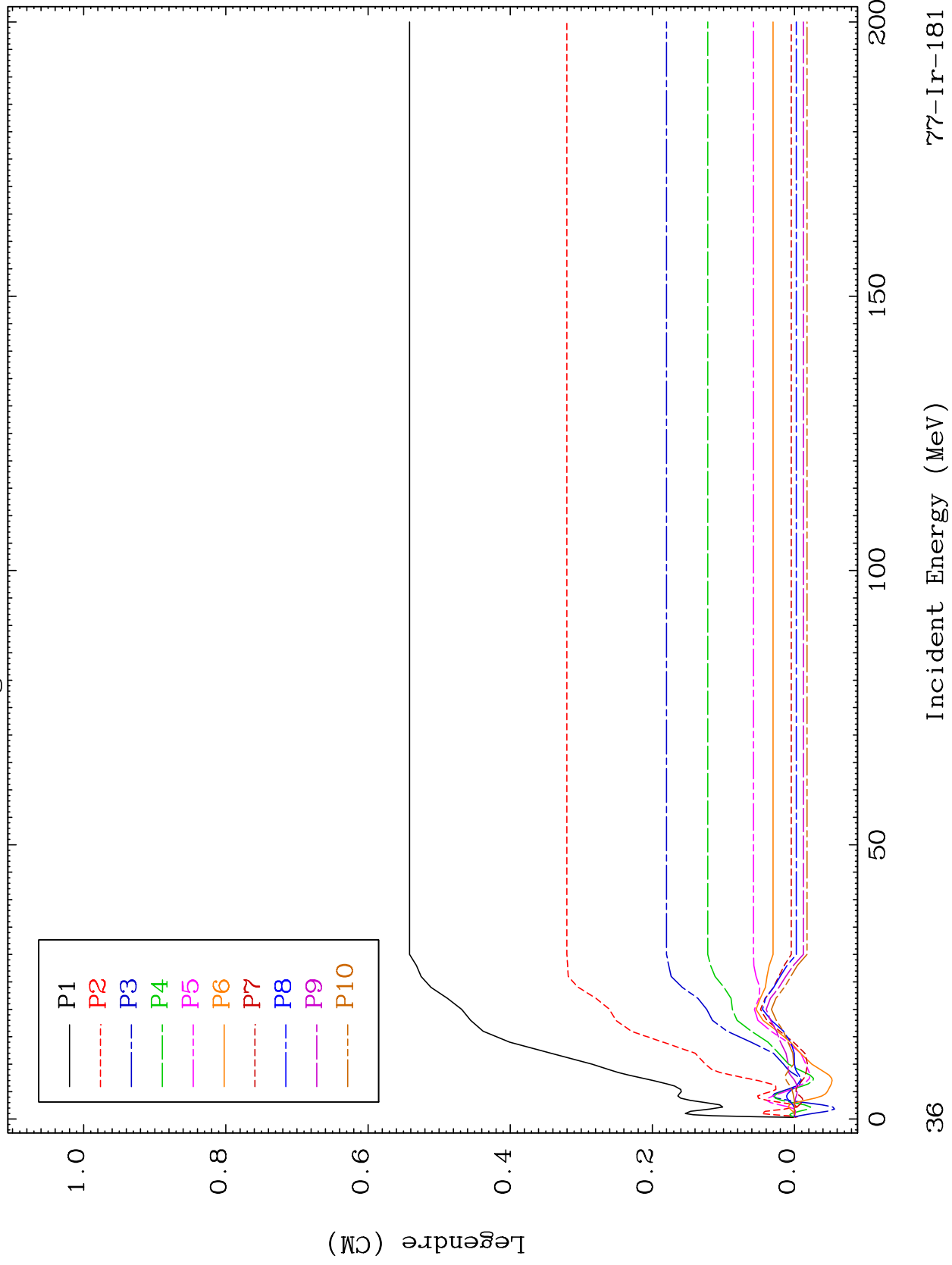
77-Ir-181



MAT 7695

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

77-Ir-181

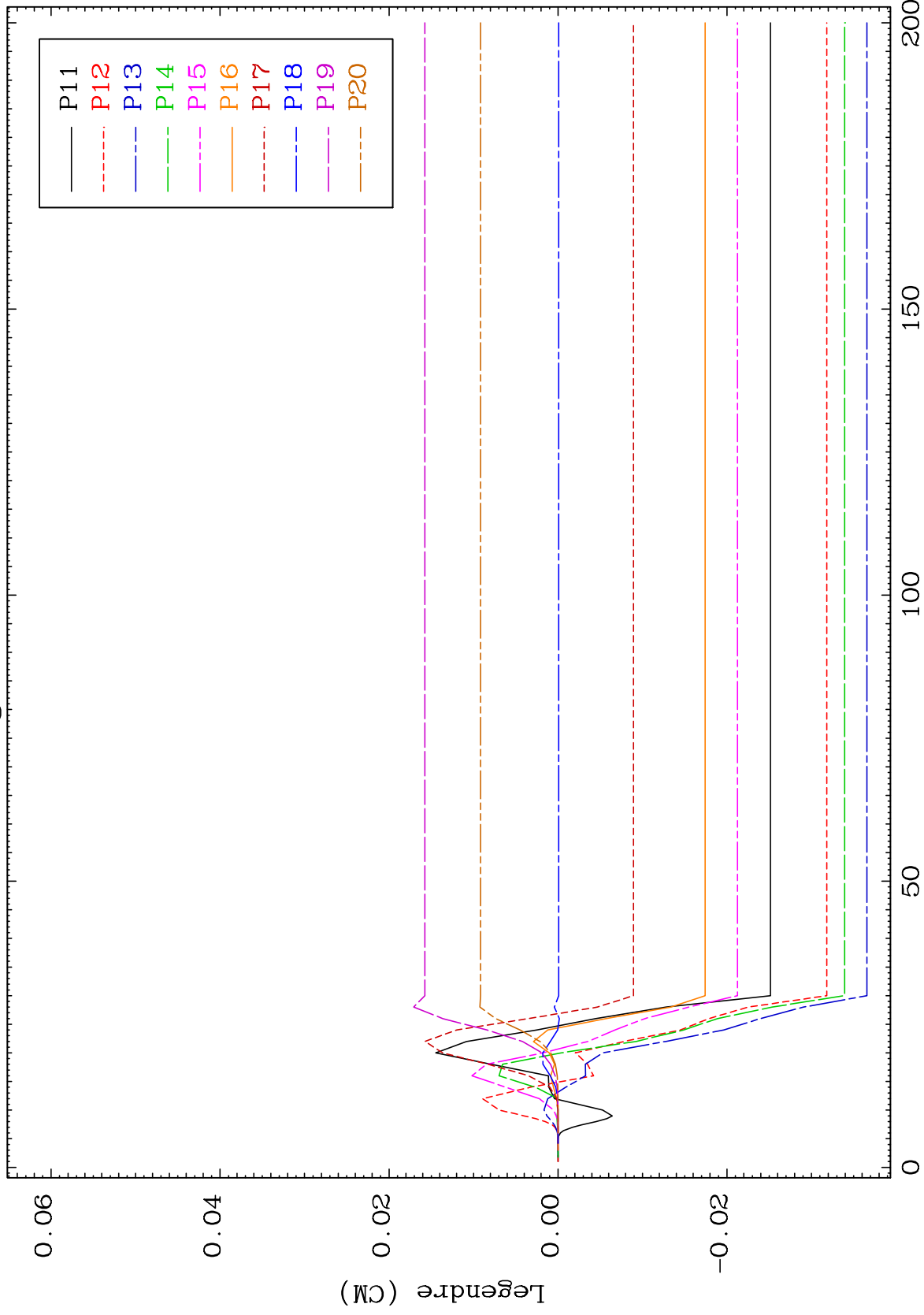


36

MAT 7695

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

77-Ir-181



37

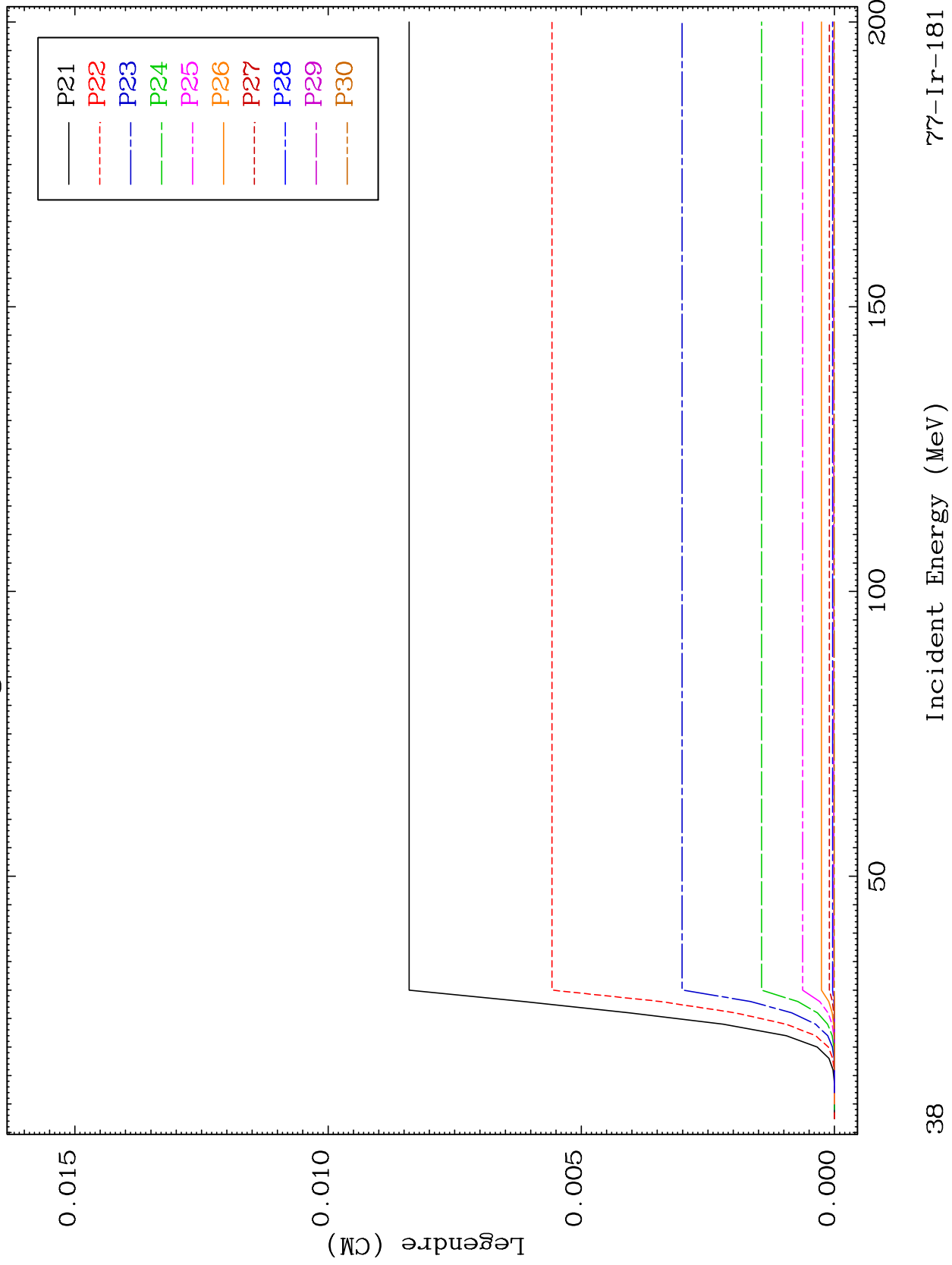
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



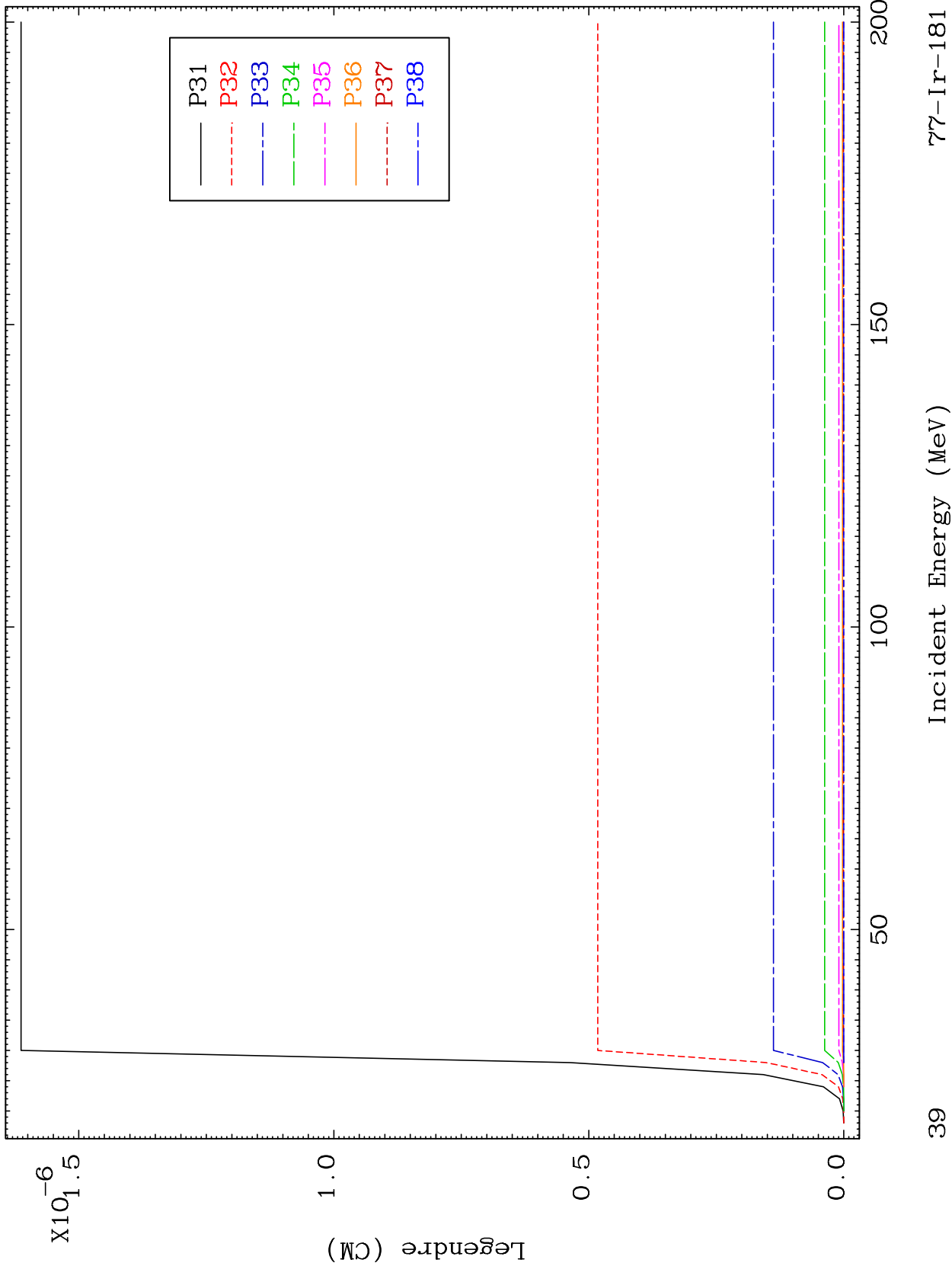
38

77-Ir-181

MAT 7695

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

77-Ir-181

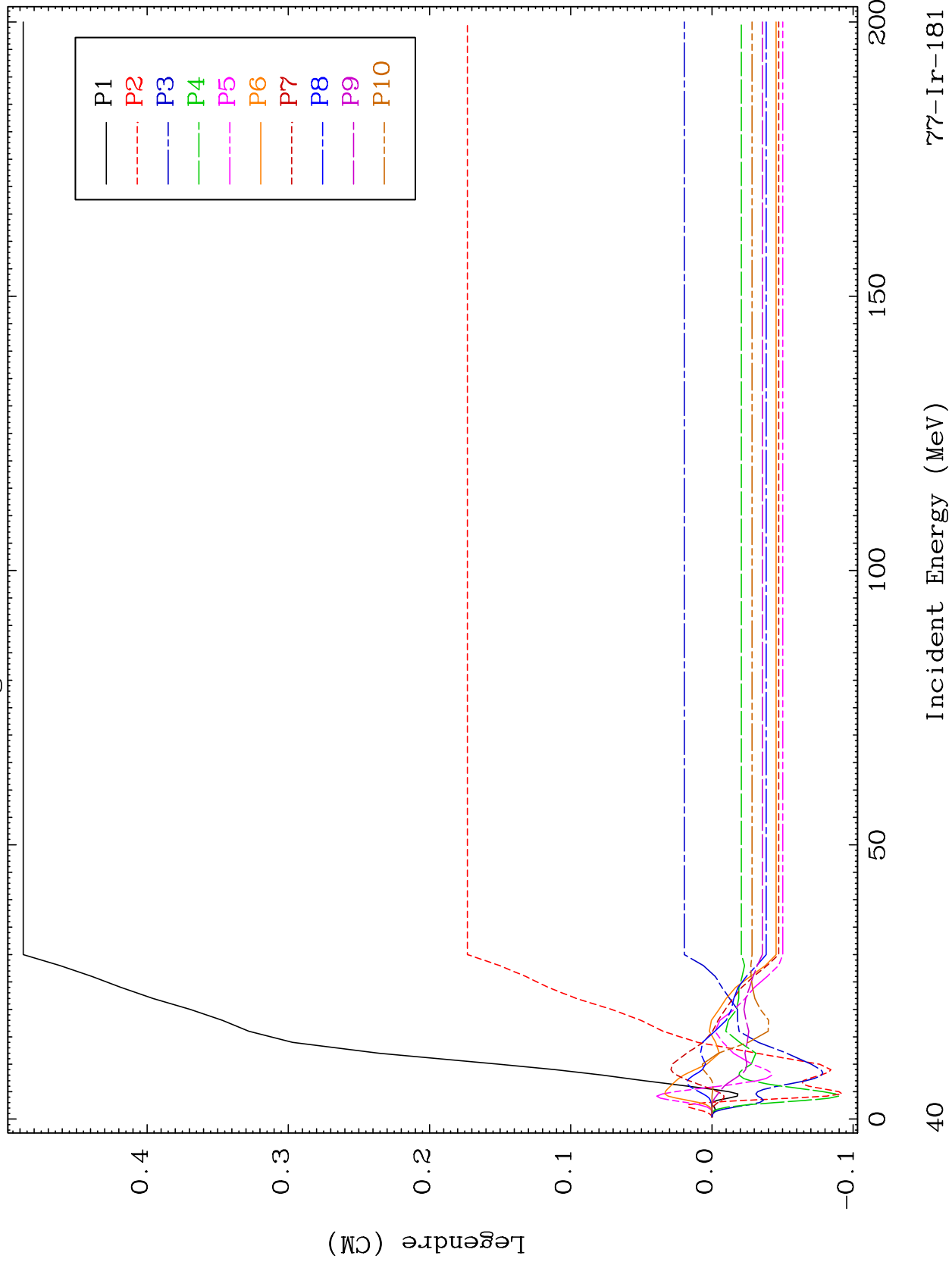




MAT 7695

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

77-Ir-181



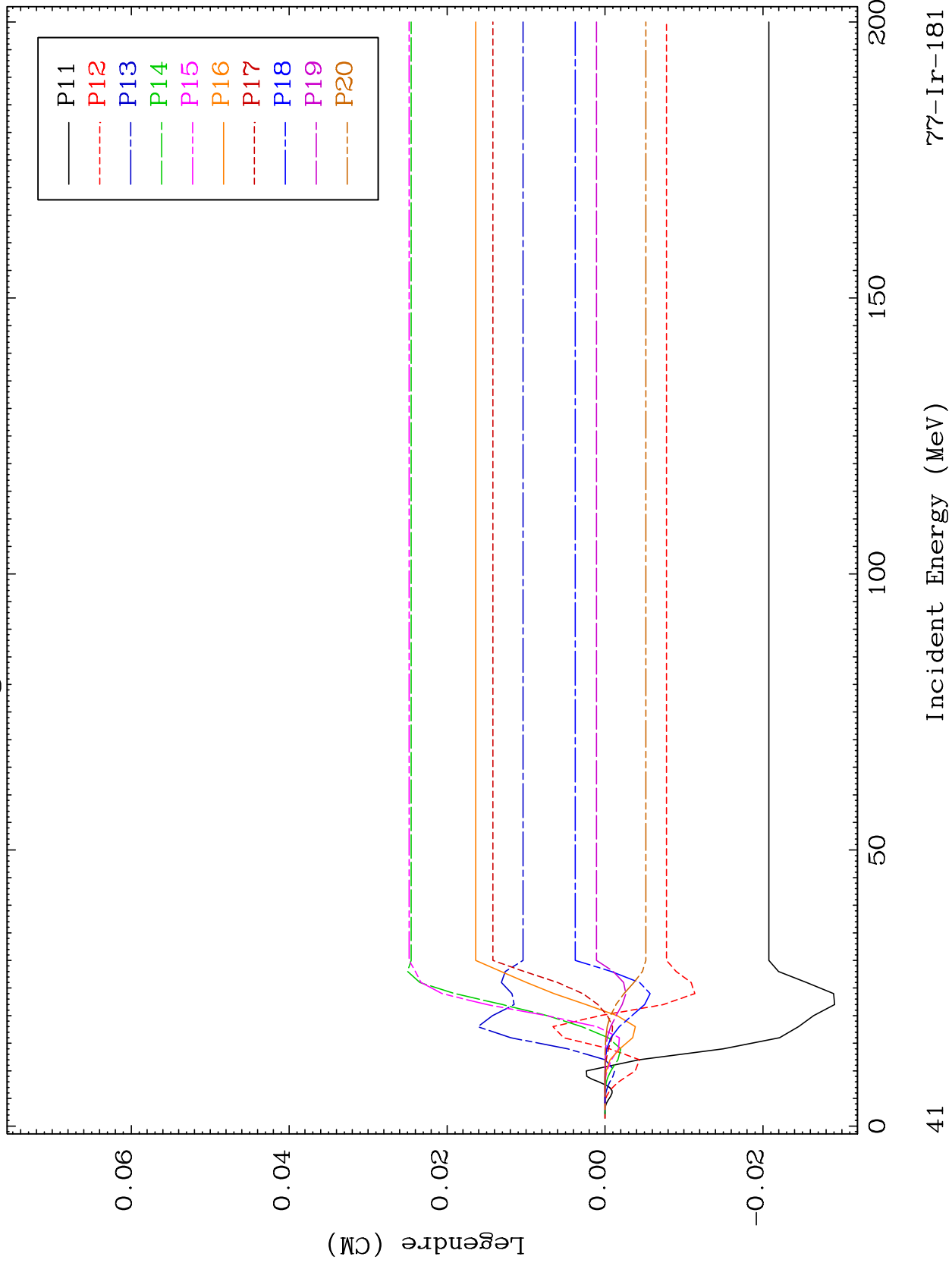
77-Ir-181

Incident Energy (MeV)

MAT 7695

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

77-Ir-181



77-Ir-181

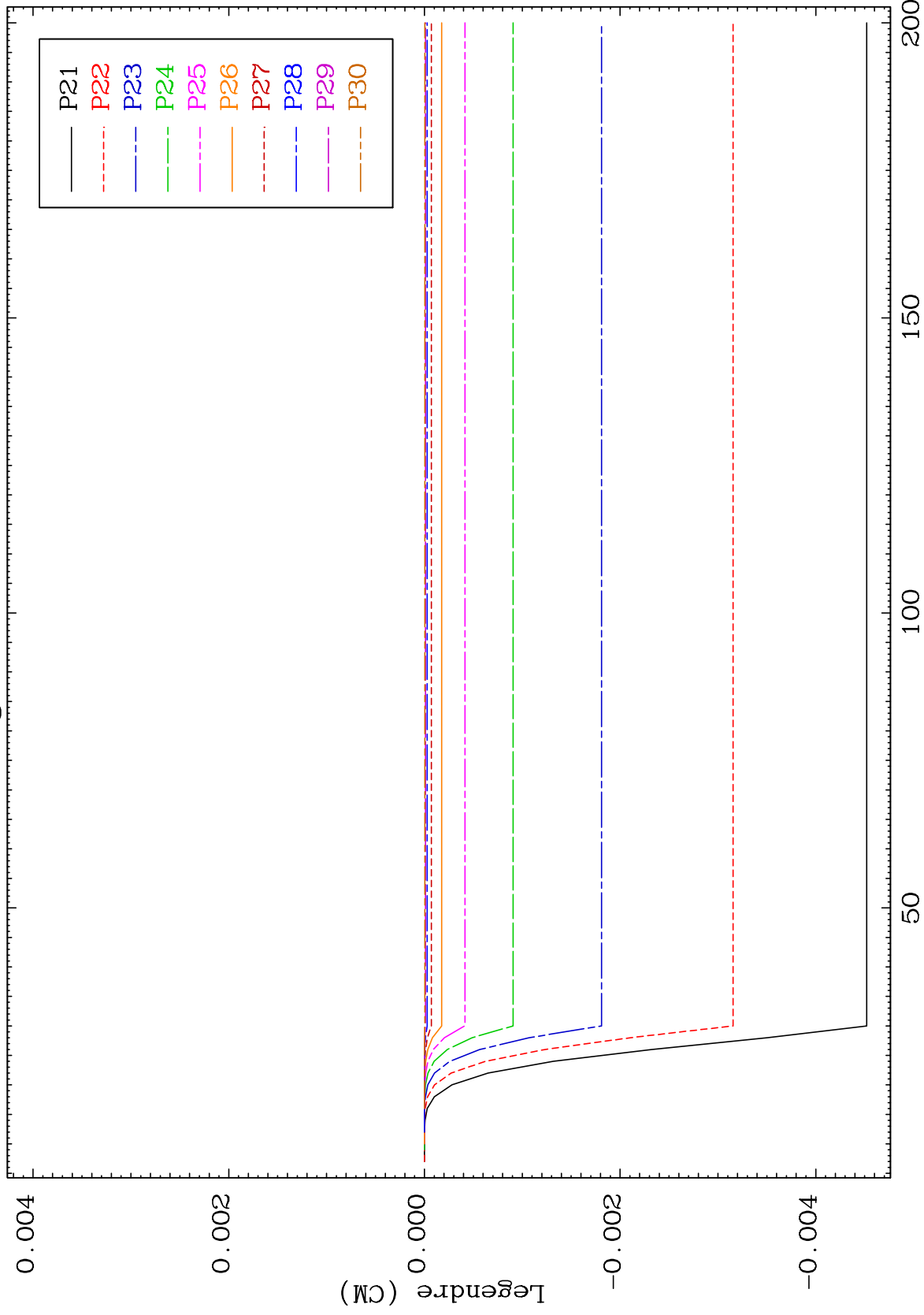
Incident Energy (MeV)

41

MAT 7695

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

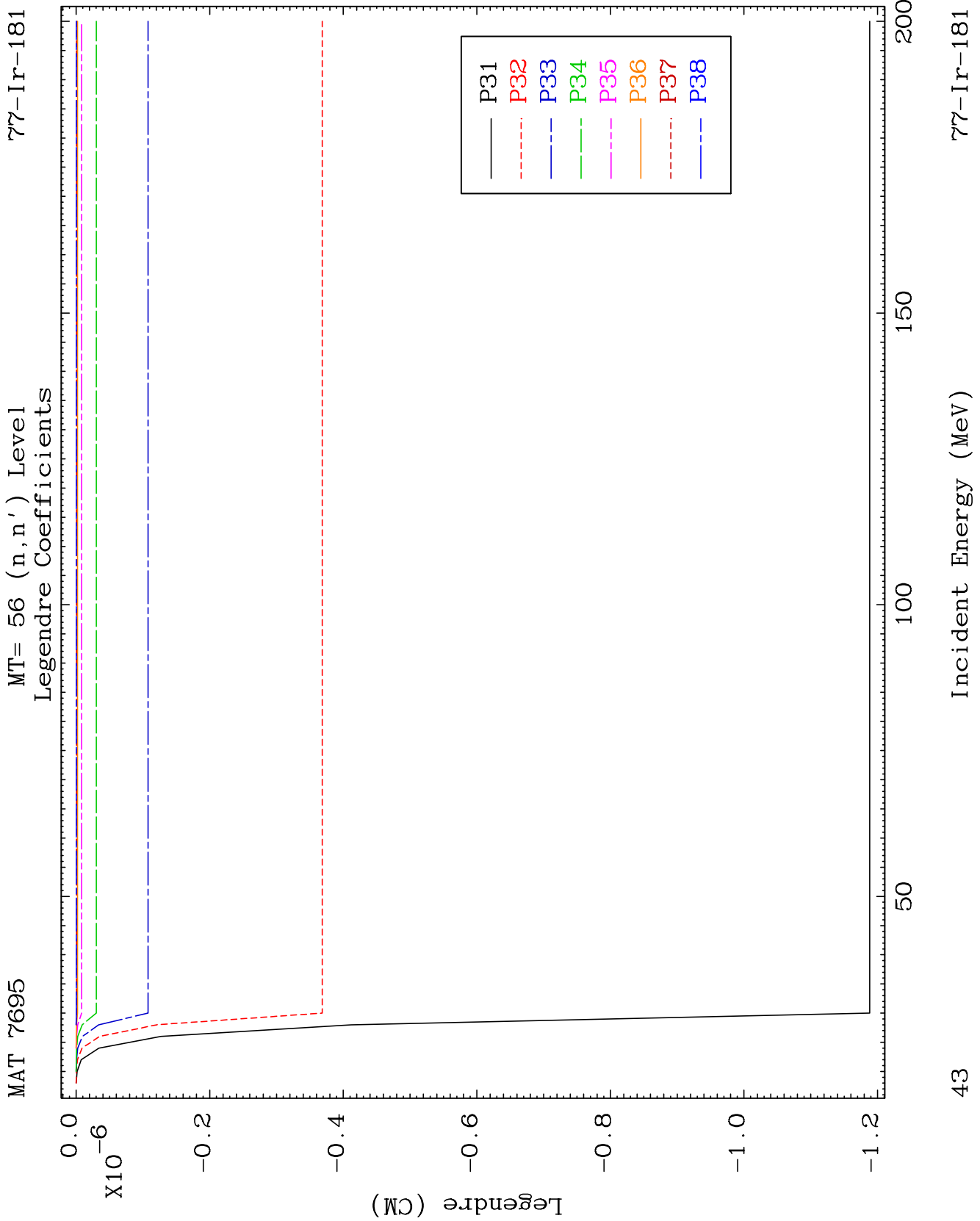
77-Ir-181



42

Incident Energy (MeV)

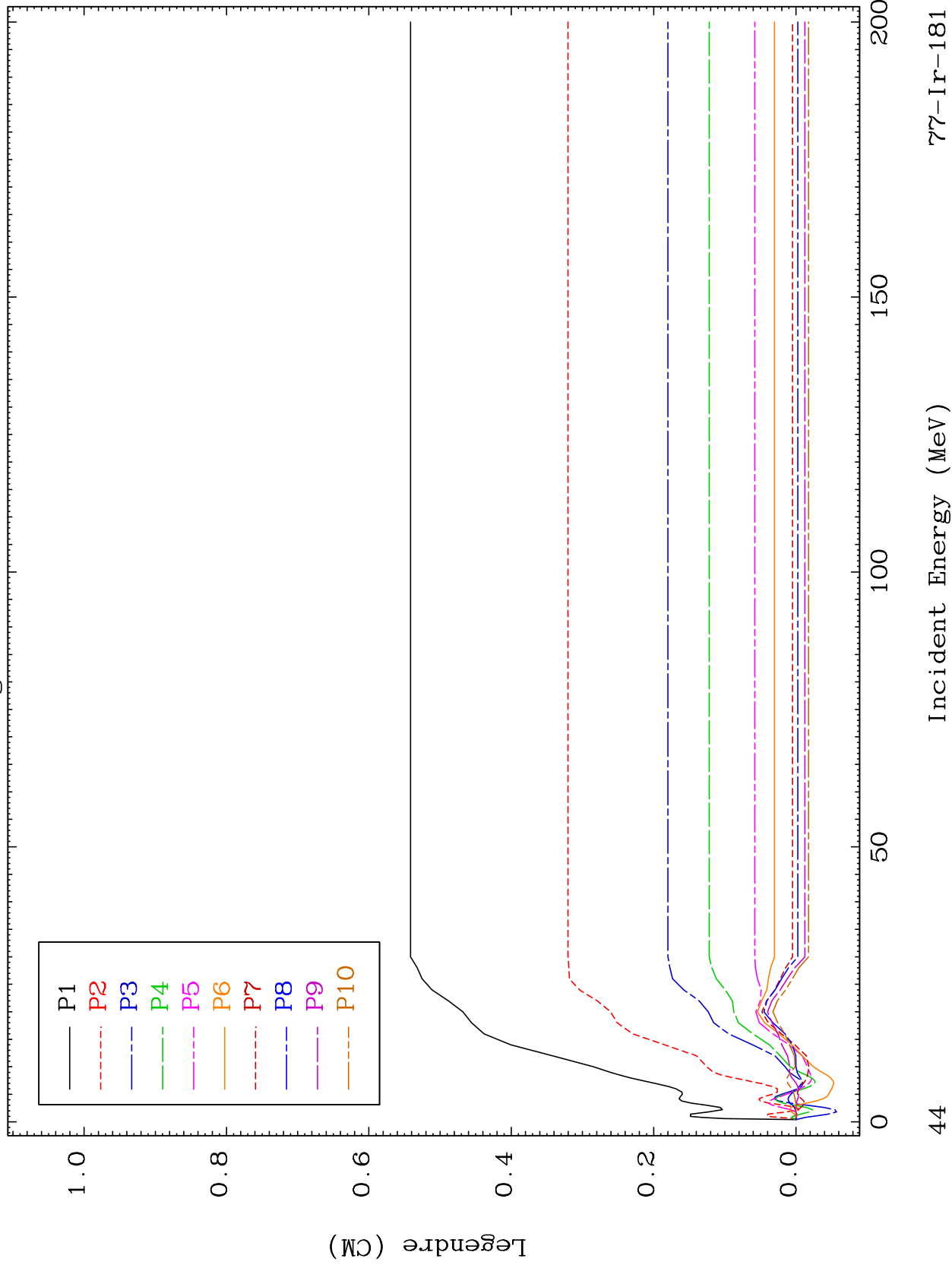
77-Ir-181



MAT 7695

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

<sup>77</sup>Ir-181



<sup>77</sup>Ir-181

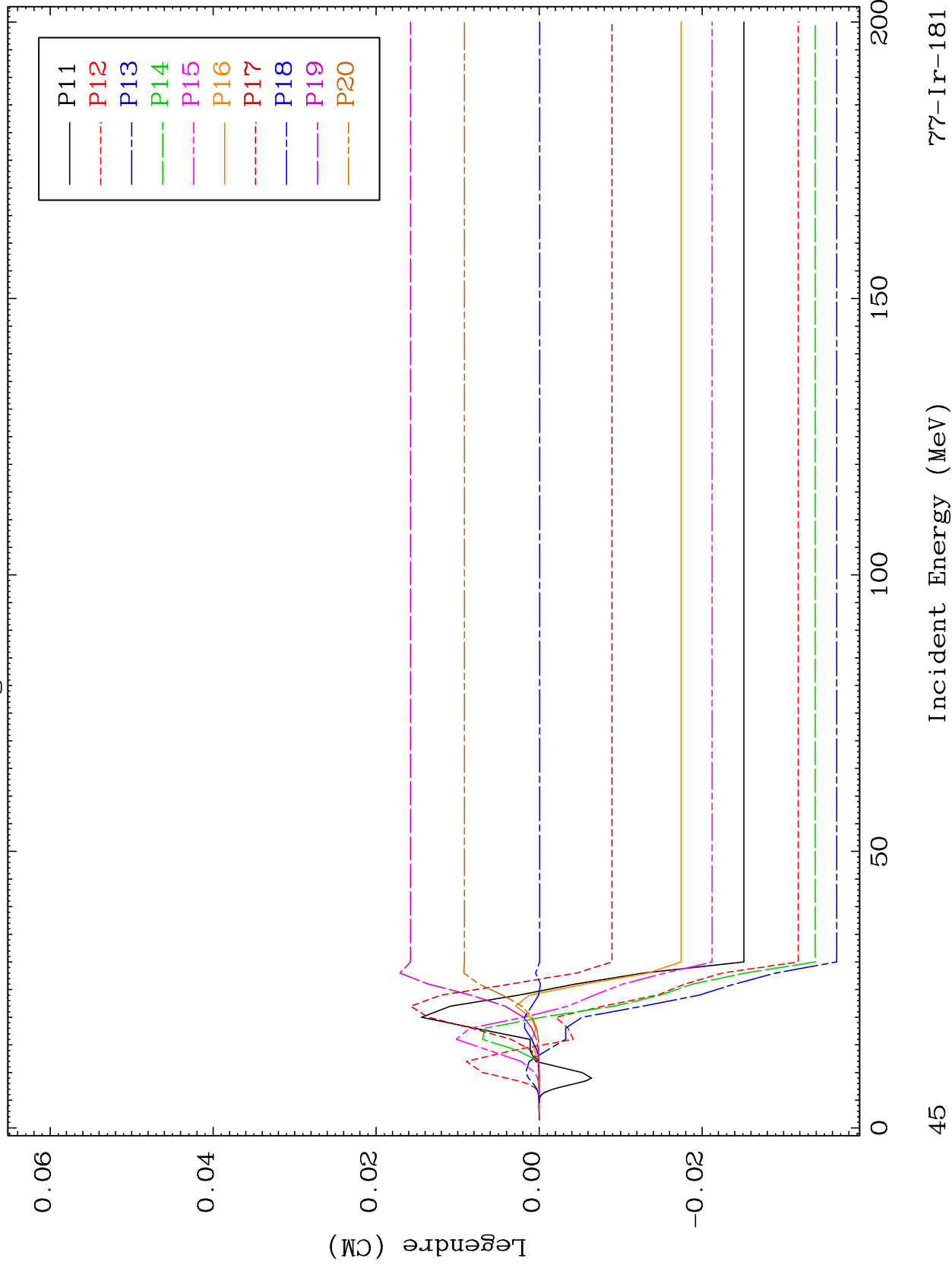
Incident Energy (MeV)

44

MAT 7695

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

77-Ir-181



77-Ir-181

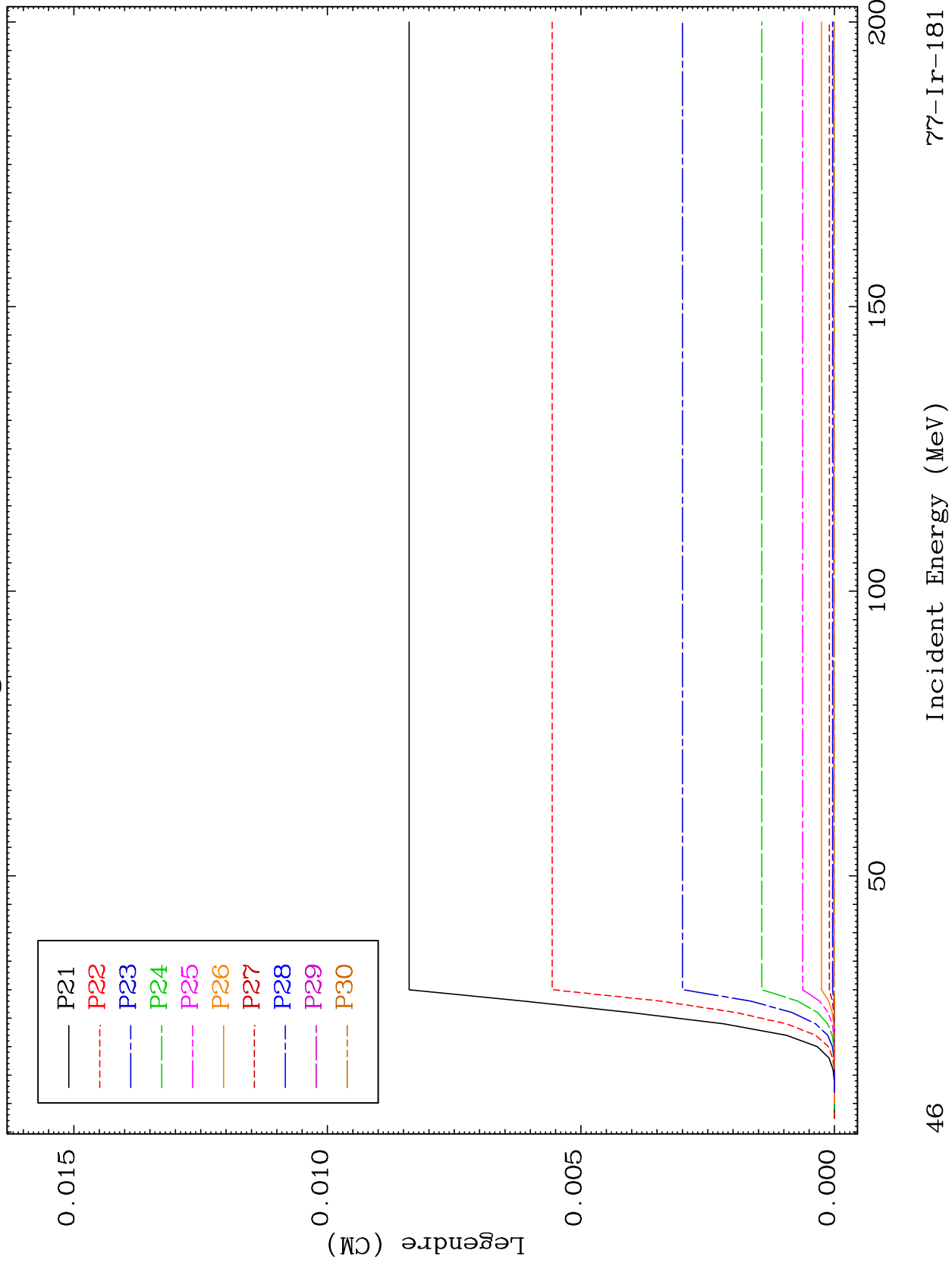
Incident Energy (MeV)

45

MAT 7695

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

77-Ir-181



46

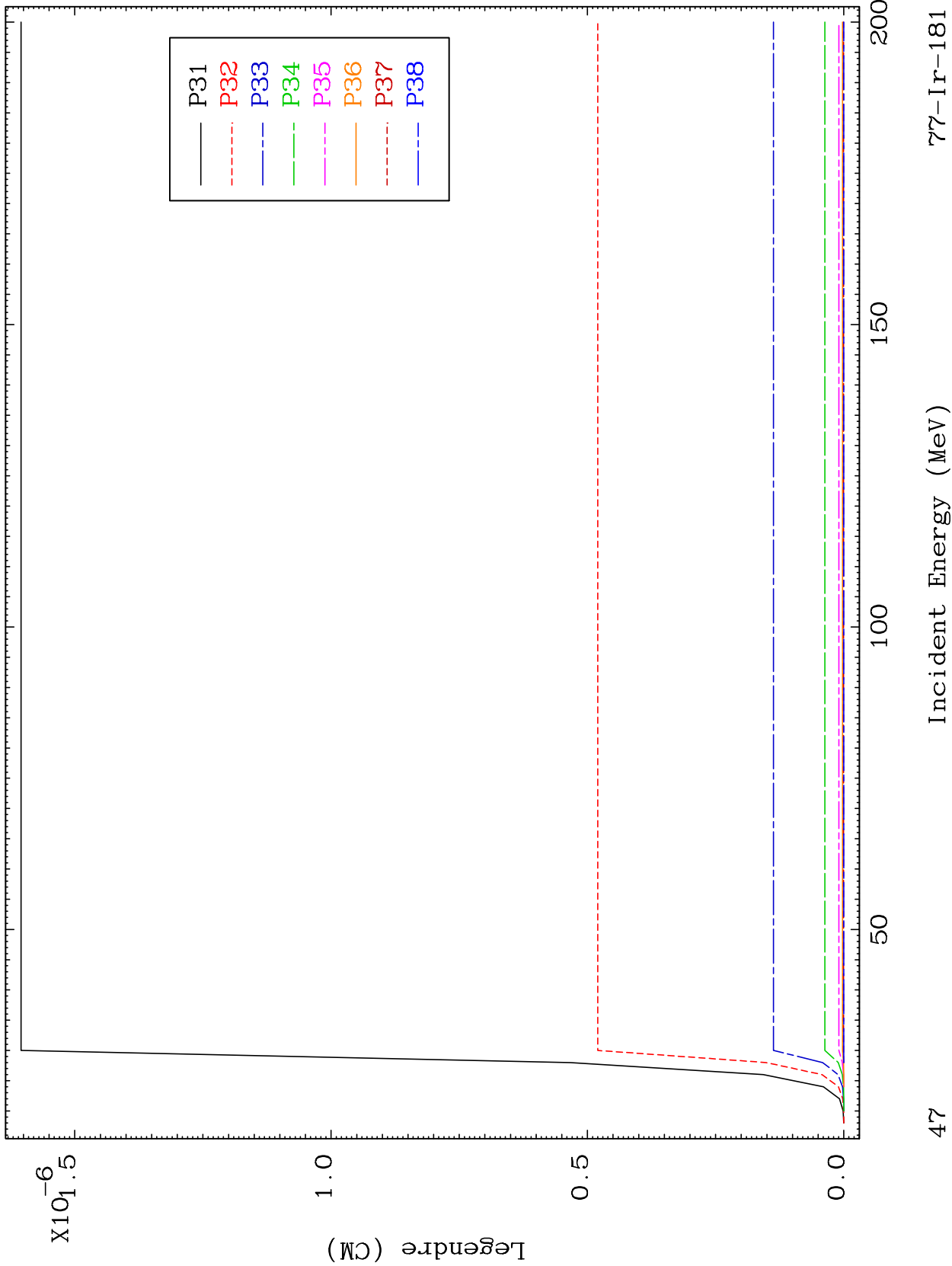
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181

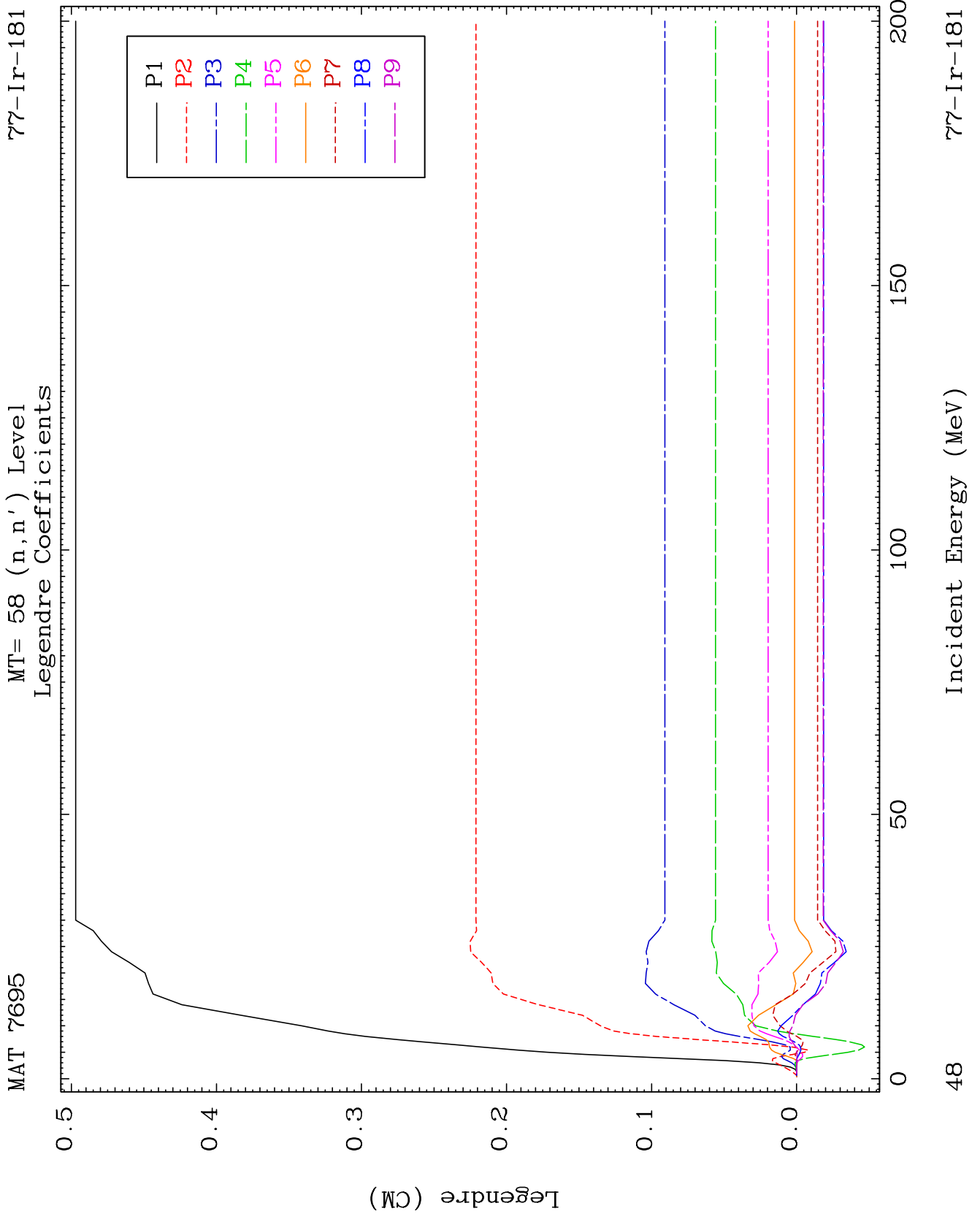


47

Incident Energy (MeV)

77-Ir-181

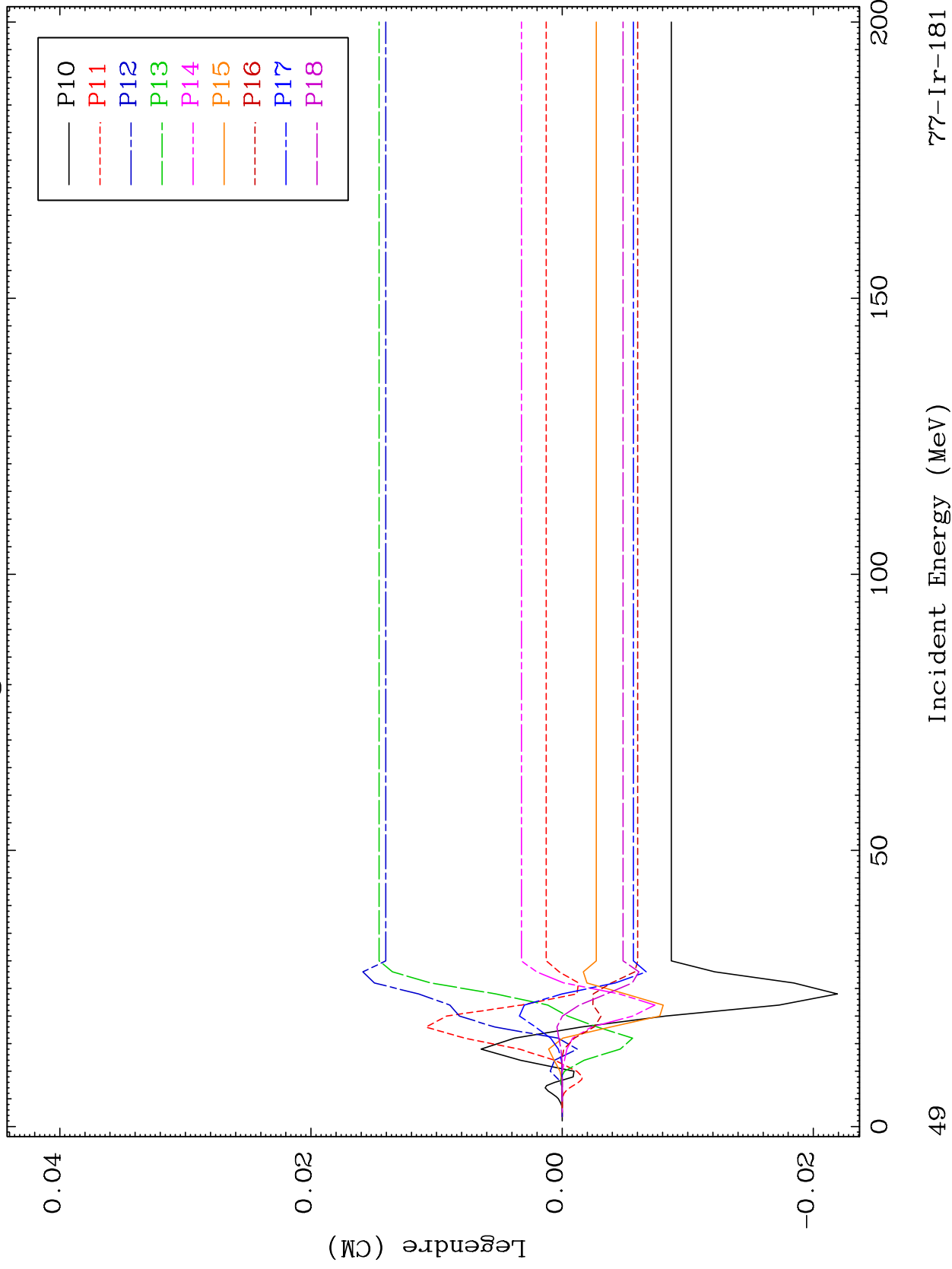


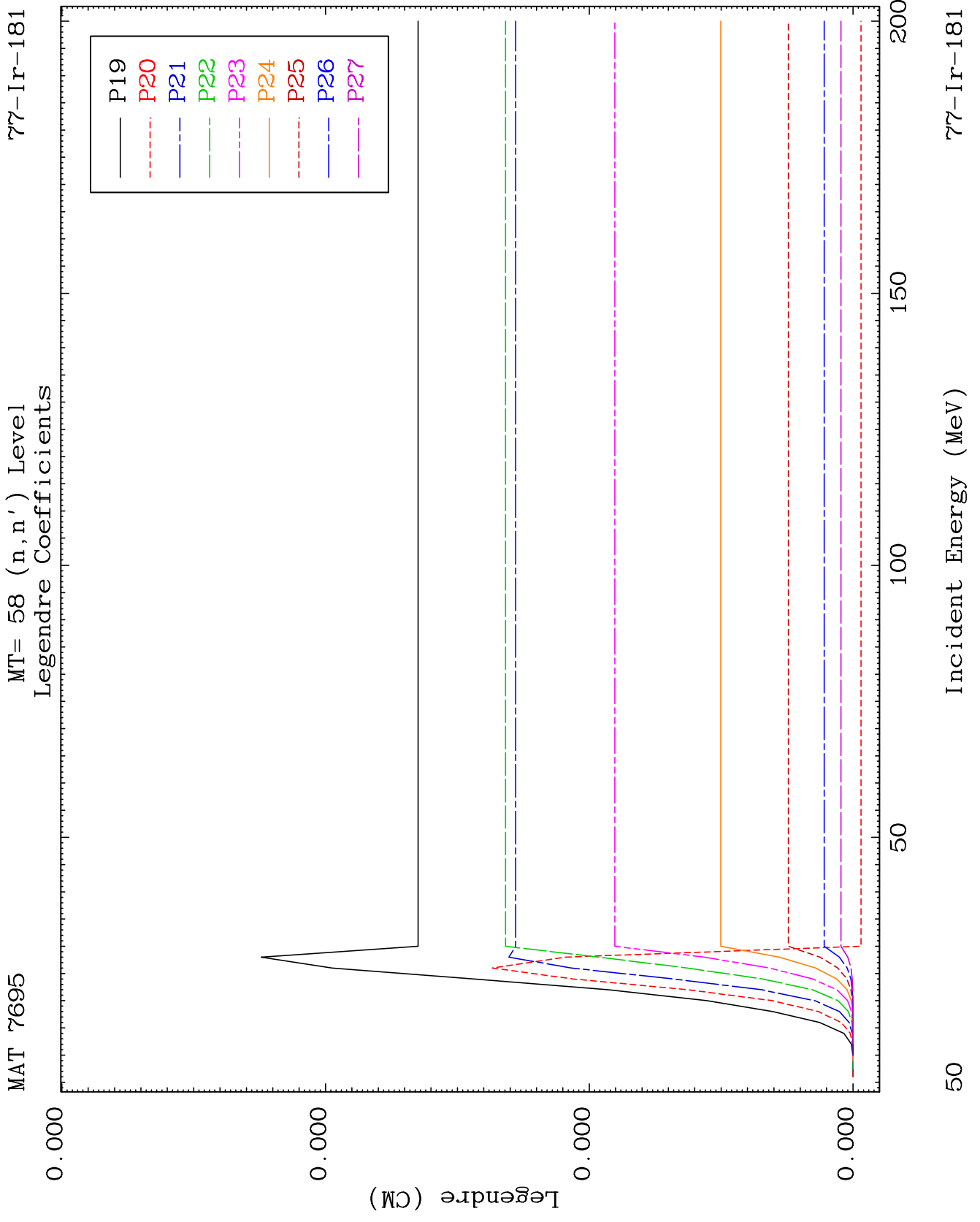


MAT 7695

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

77-Ir-181

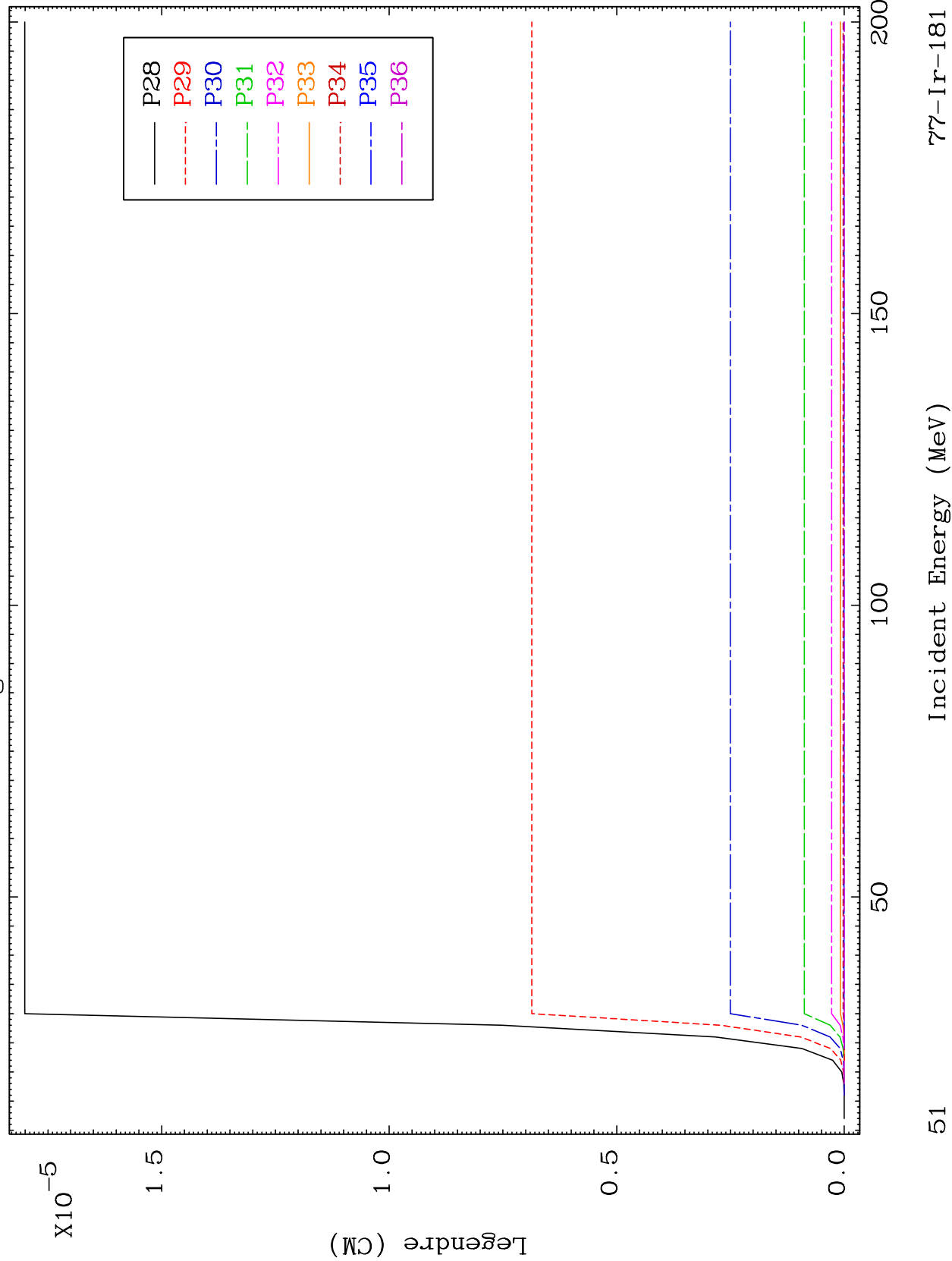




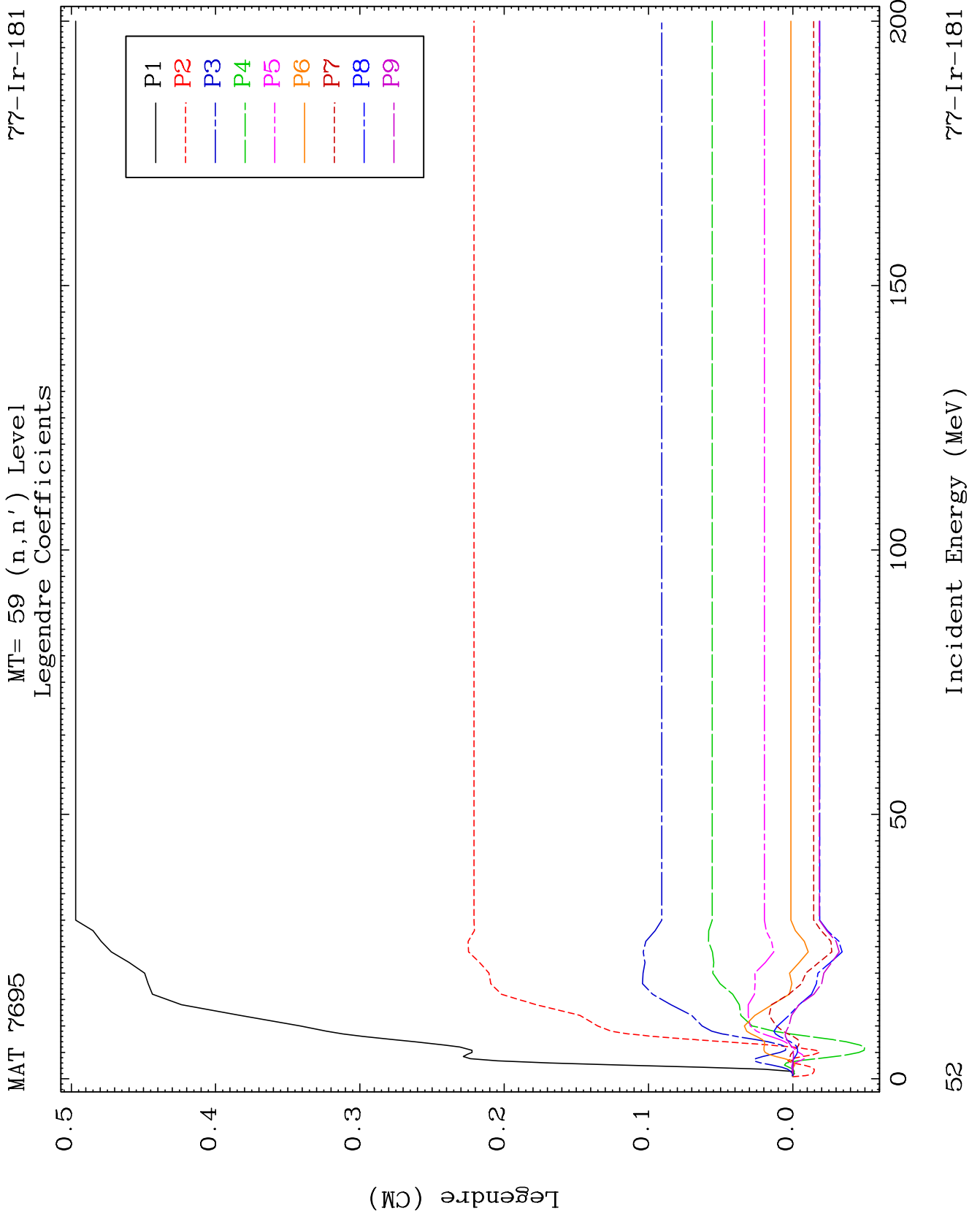
MAT 7695

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

77-Ir-181



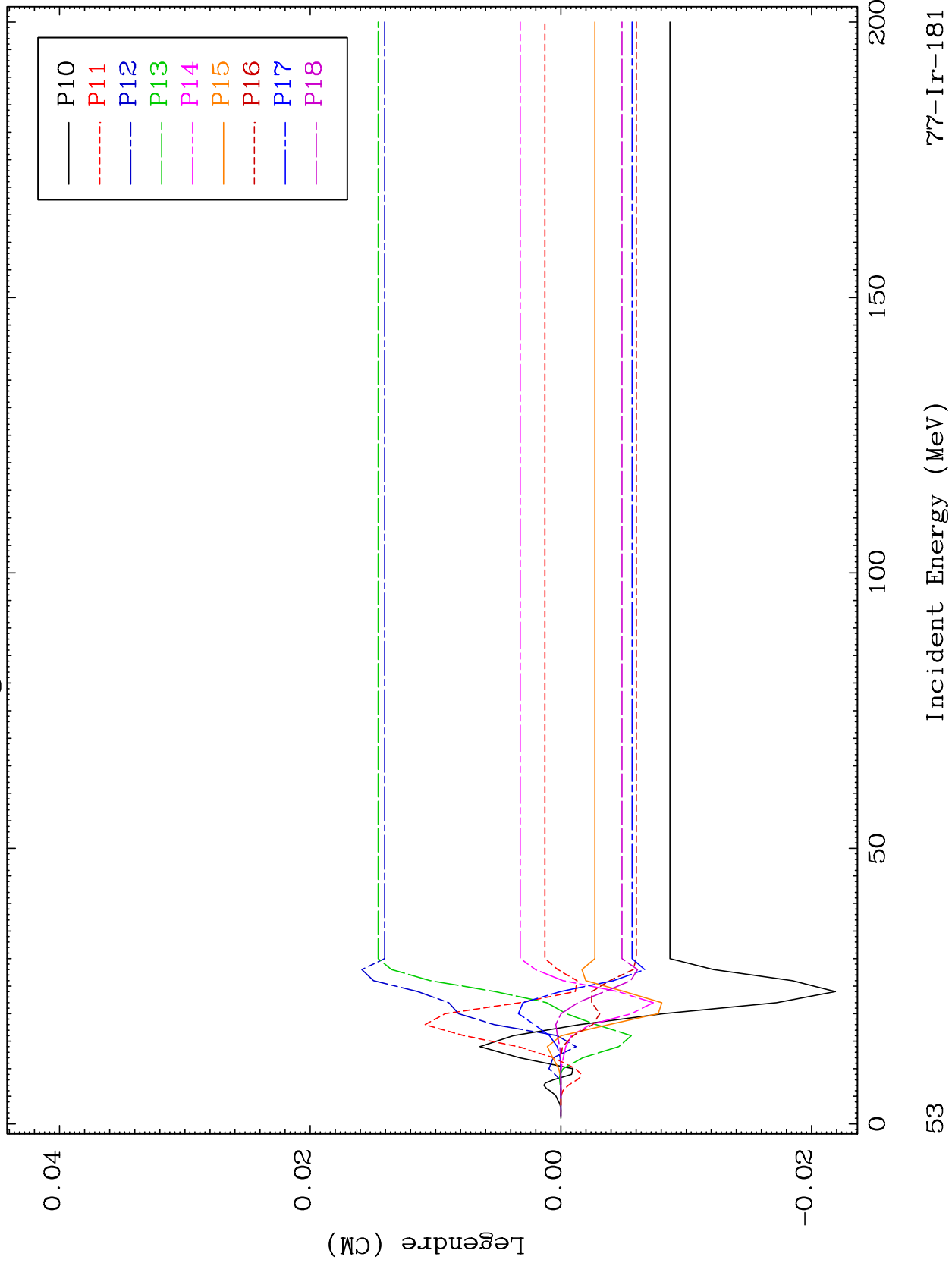
51



MAT 7695

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

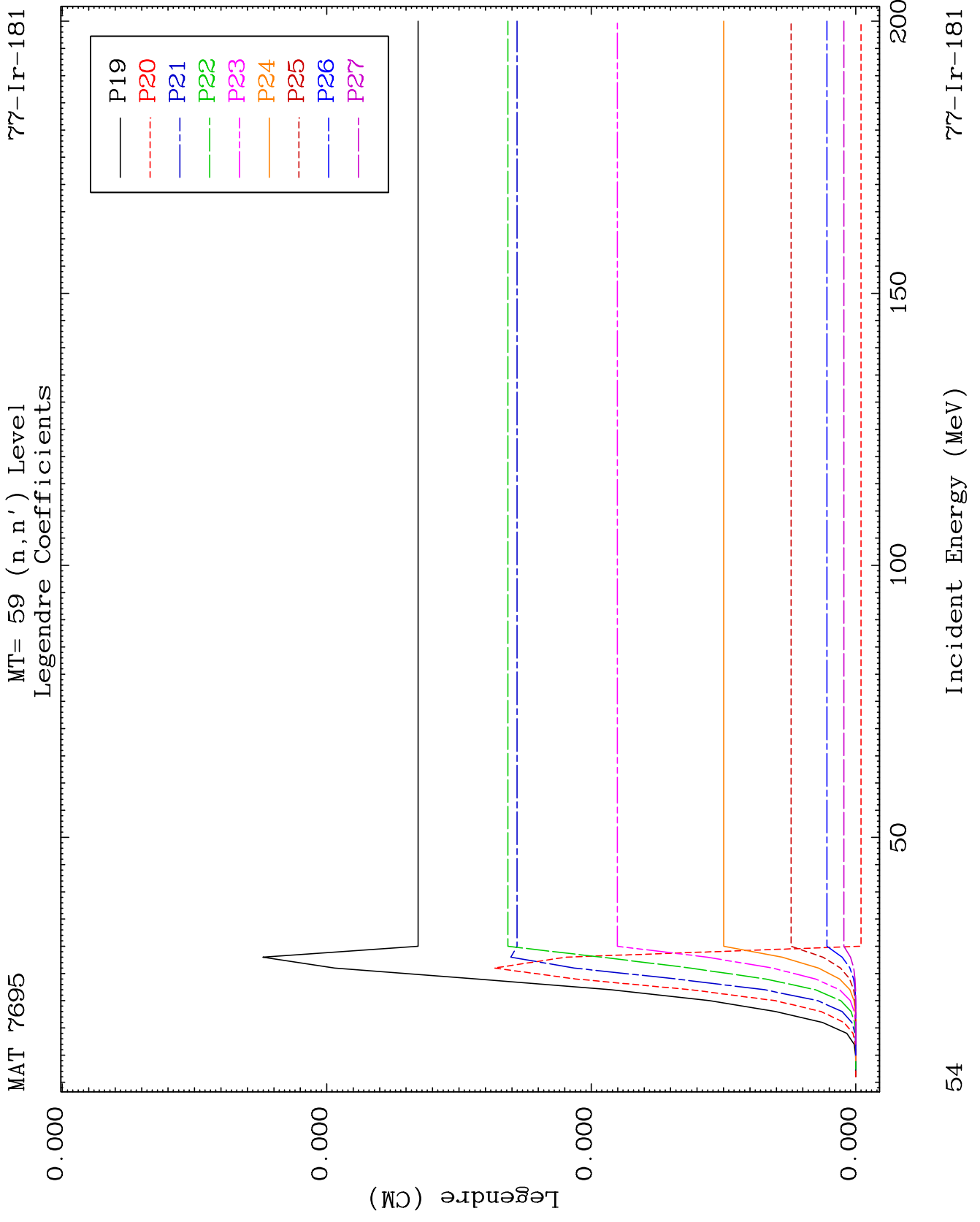
77-Ir-181



77-Ir-181

Incident Energy (MeV)

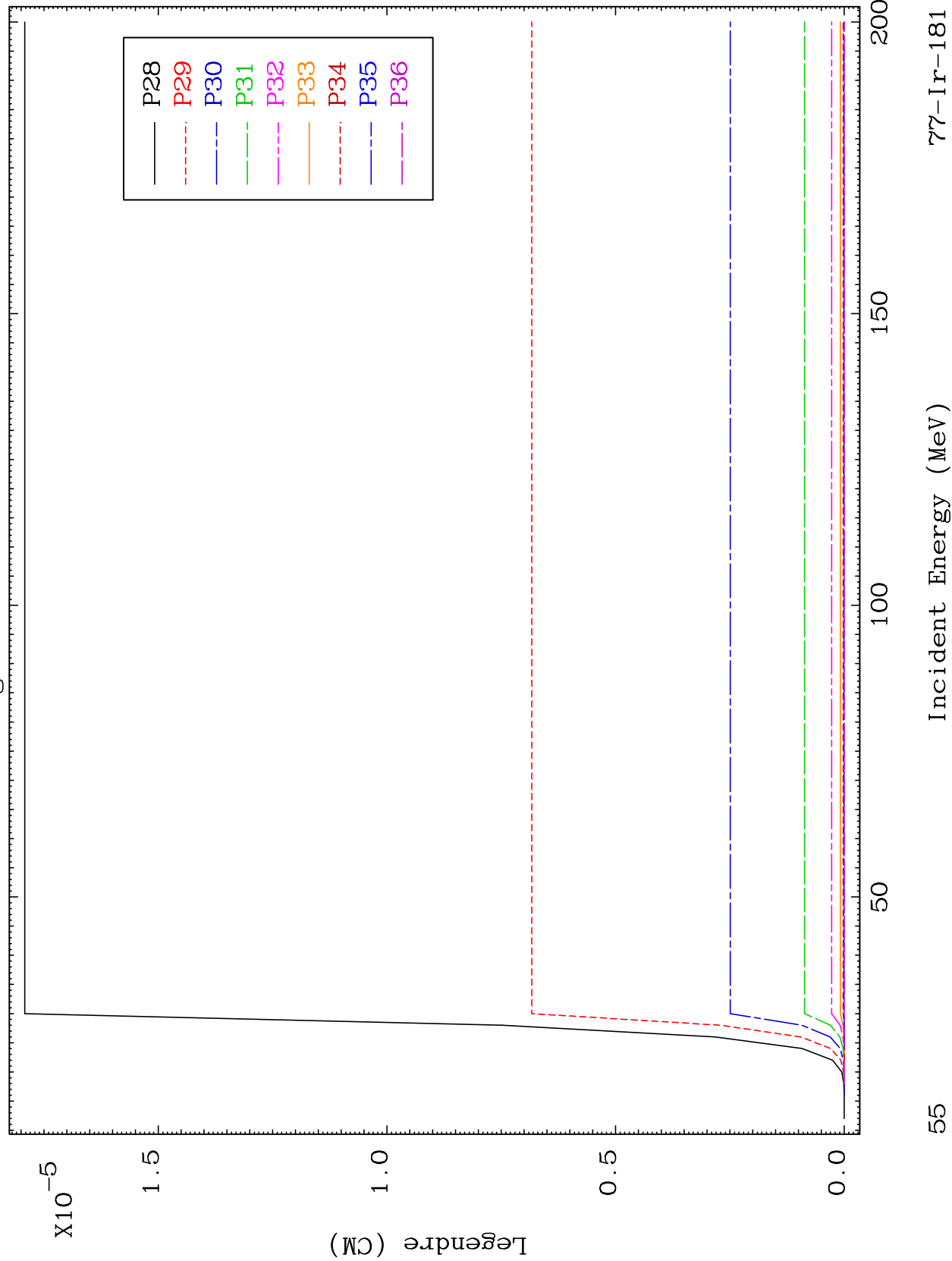
53



MAT 7695

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

77-Ir-181



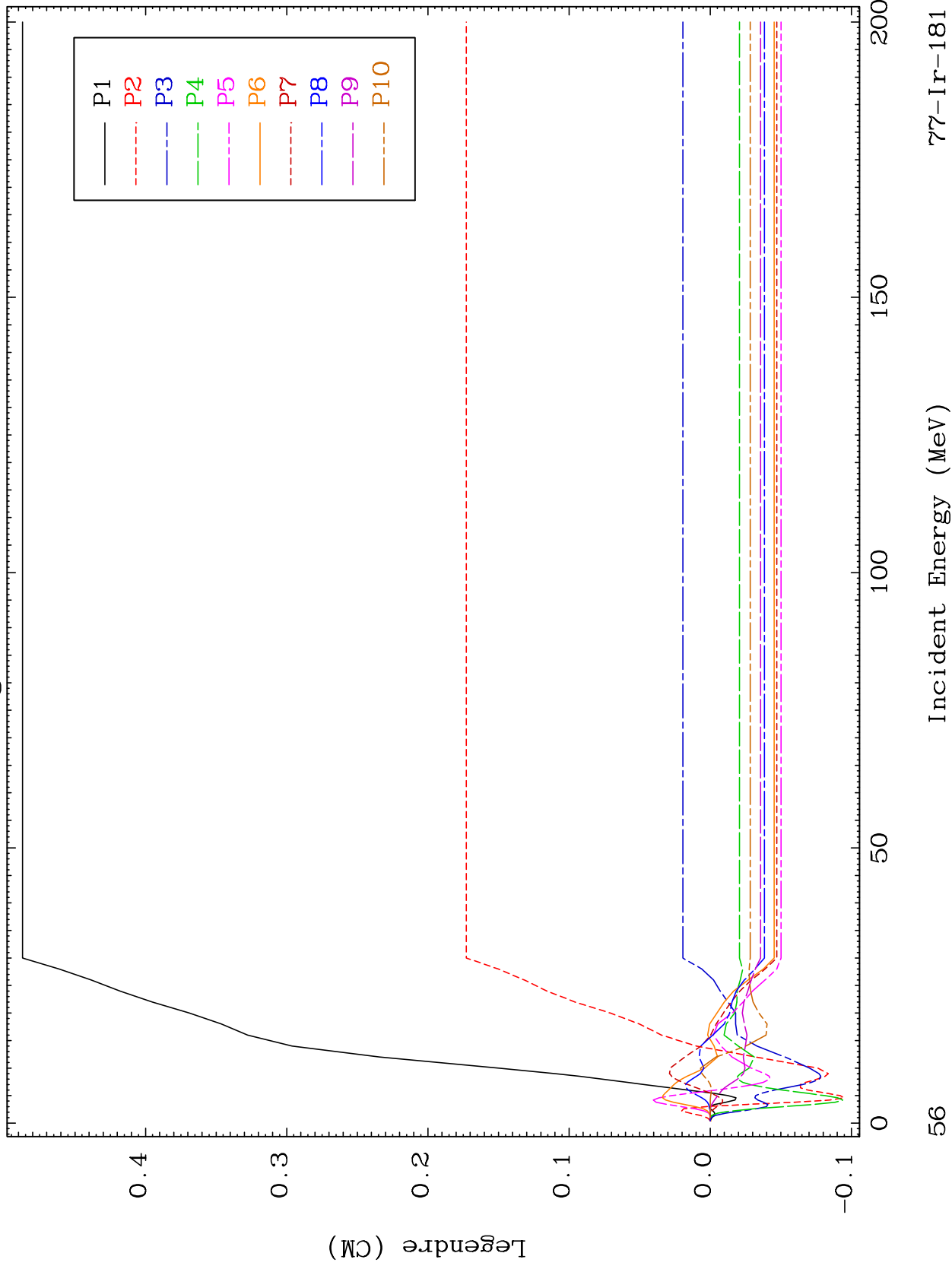
55



MAT 7695

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

77-Ir-181



77-Ir-181

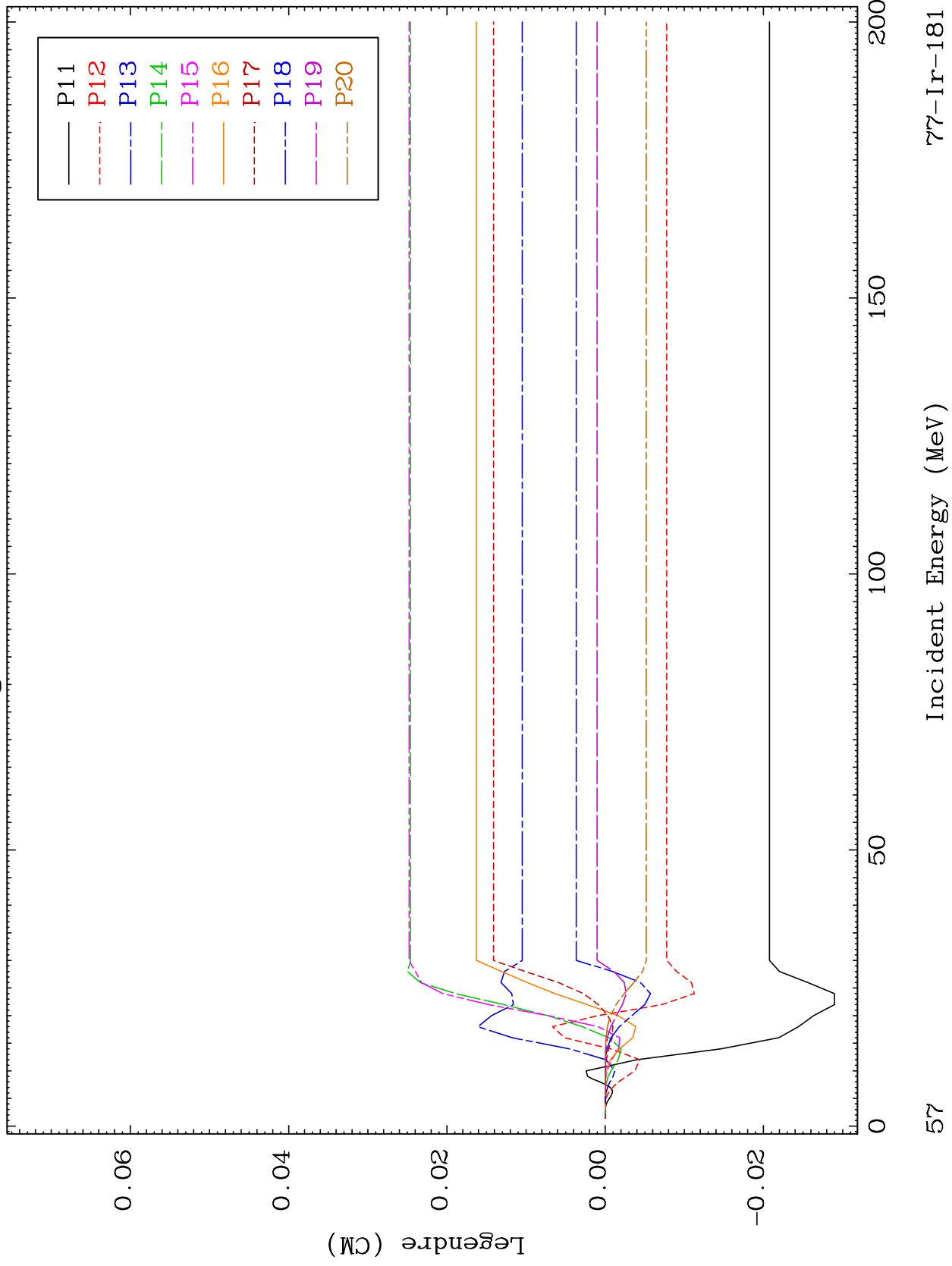
Incident Energy (MeV)

56

MAT 7695

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

77-Ir-181



77-Ir-181

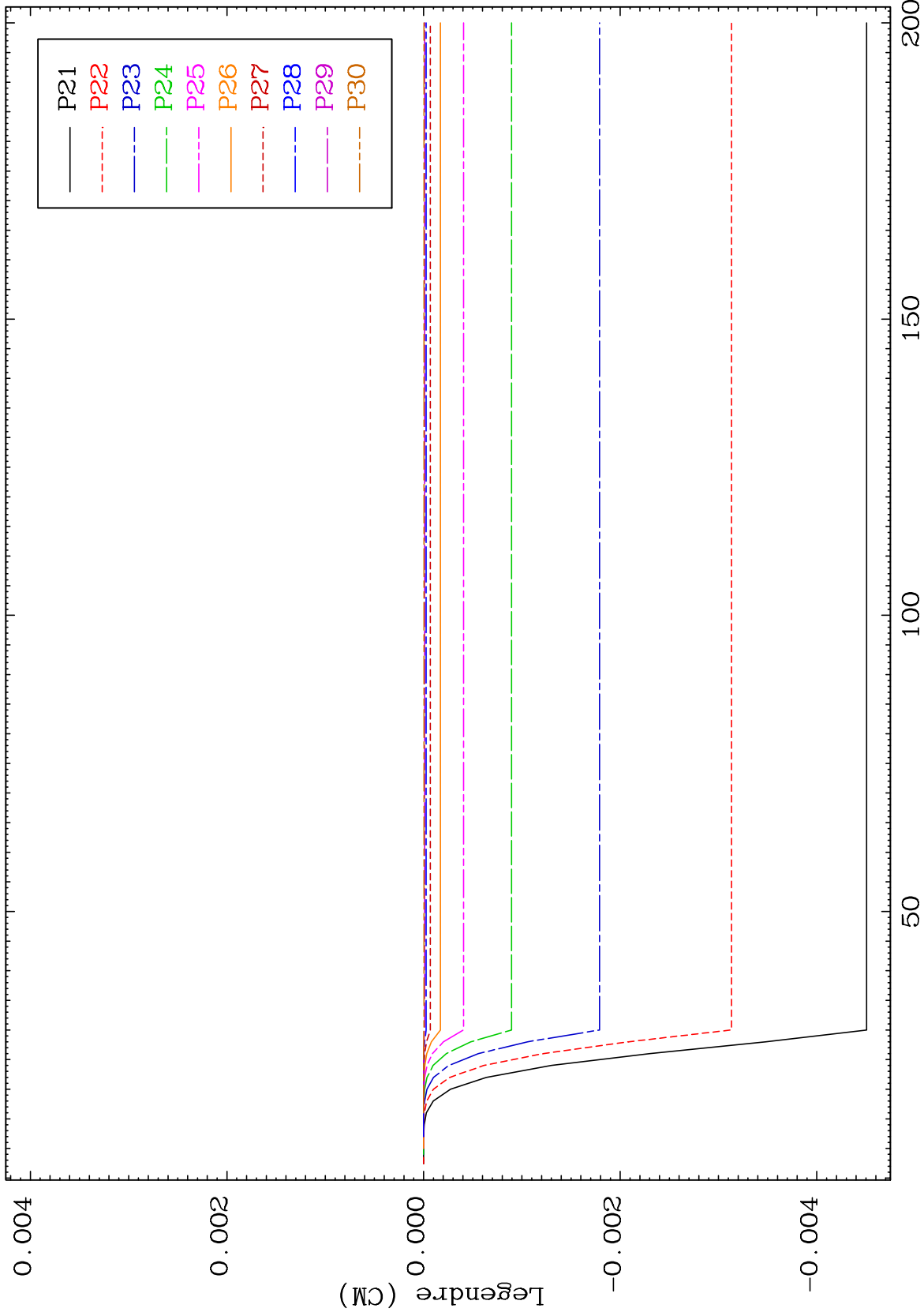
Incident Energy (MeV)

57

MAT 7695

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

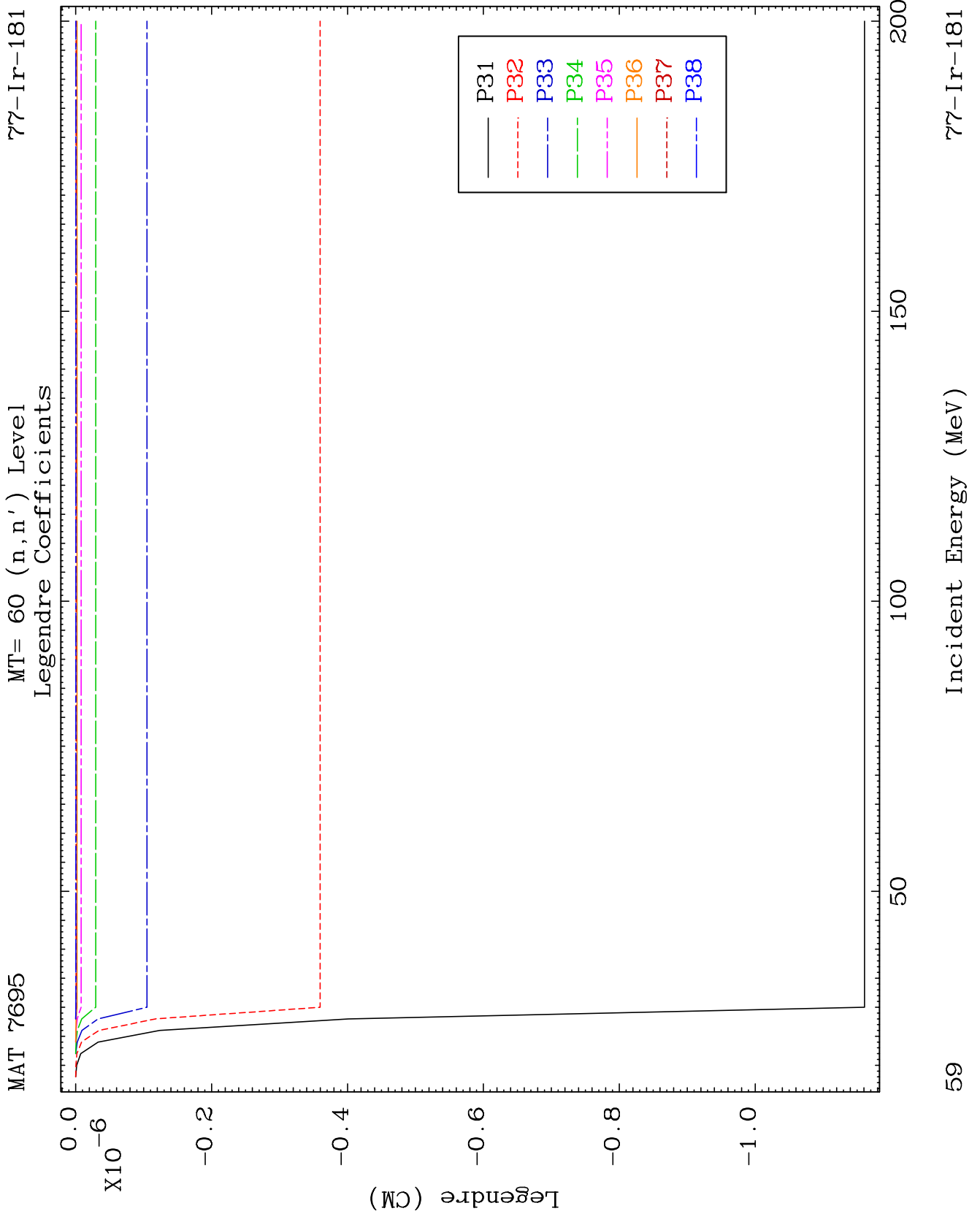
77-Ir-181

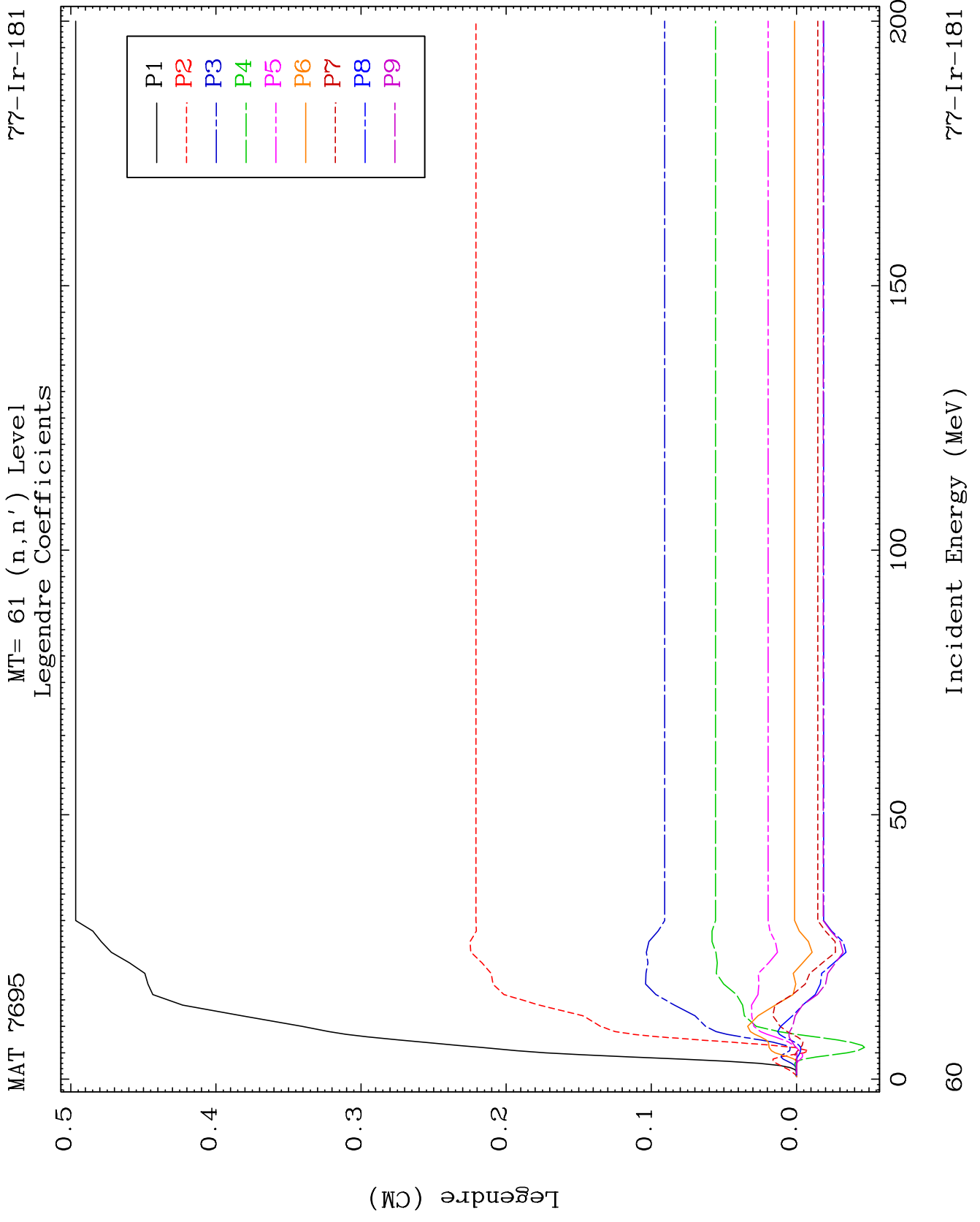


58

Incident Energy (MeV)

77-Ir-181

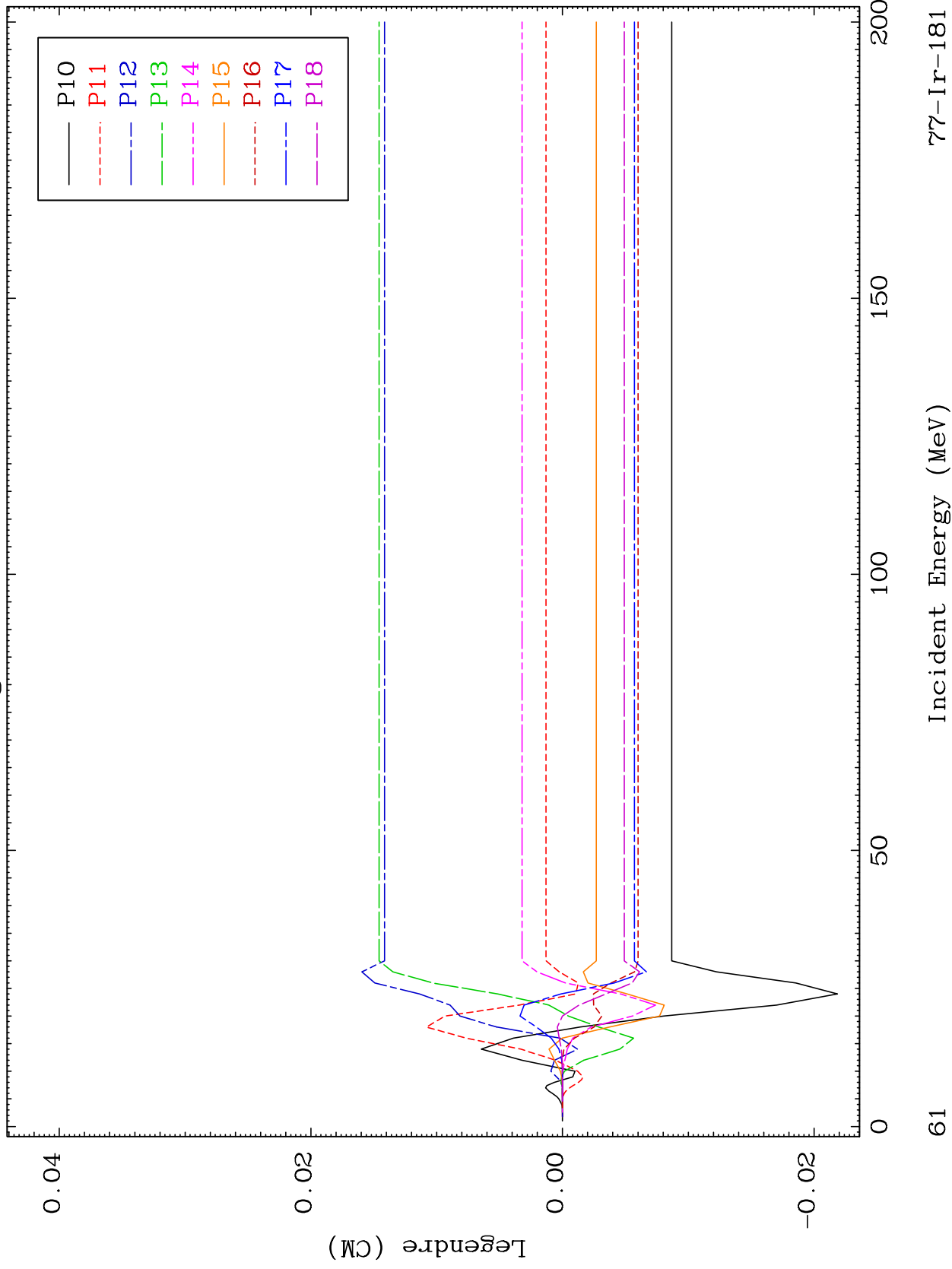




MAT 7695

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

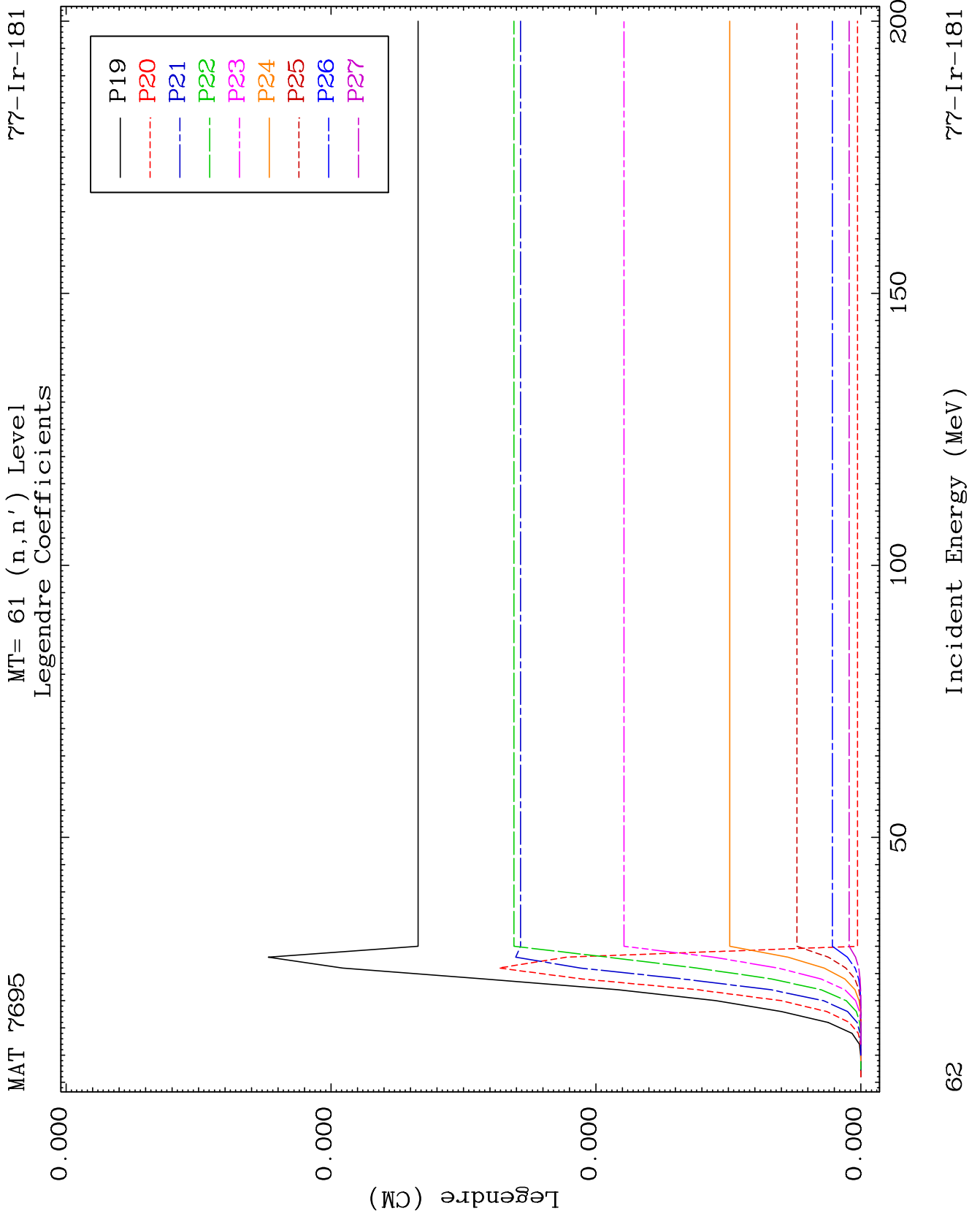
77-Ir-181



77-Ir-181

Incident Energy (MeV)

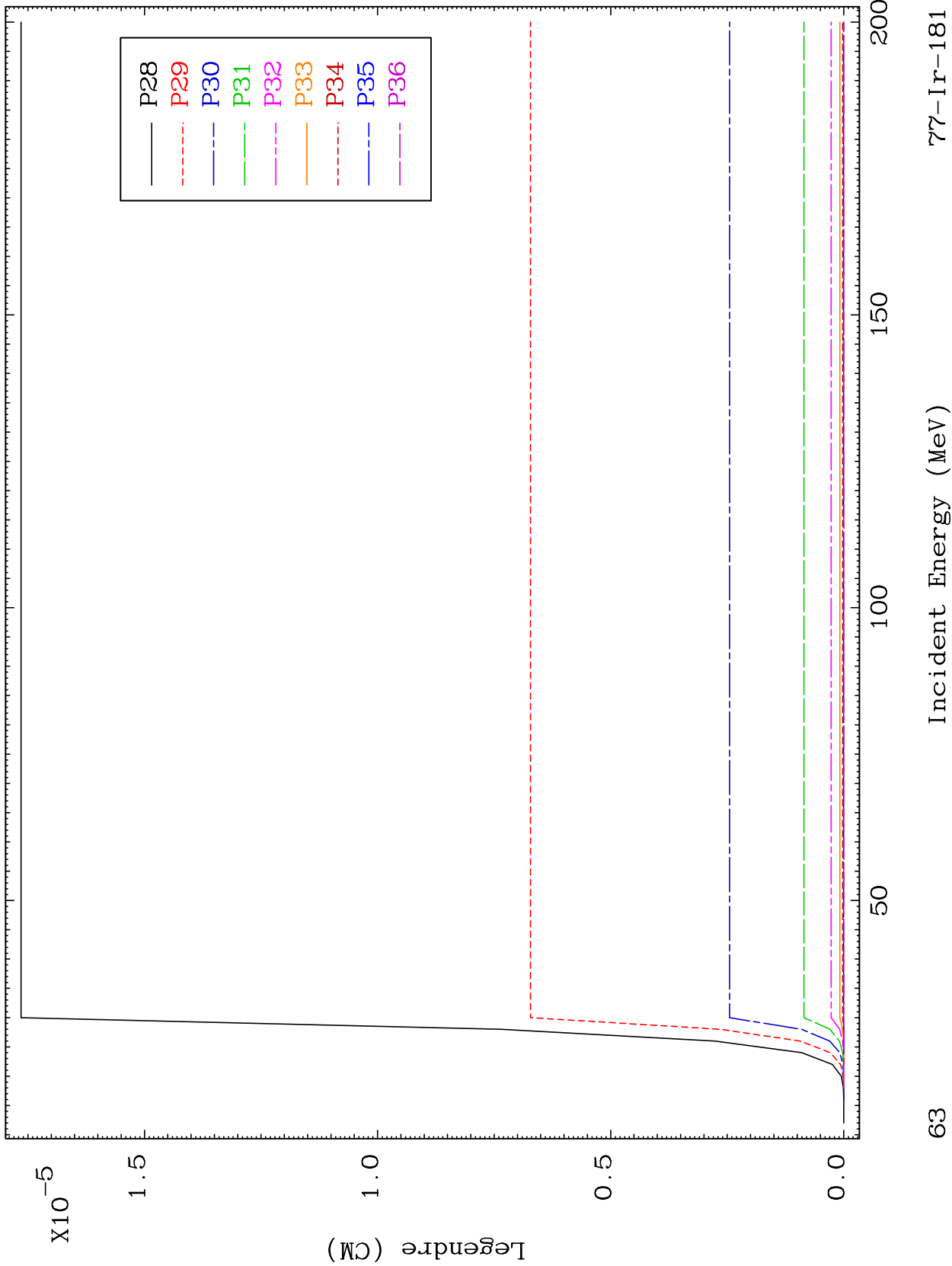
61



MAT 7695

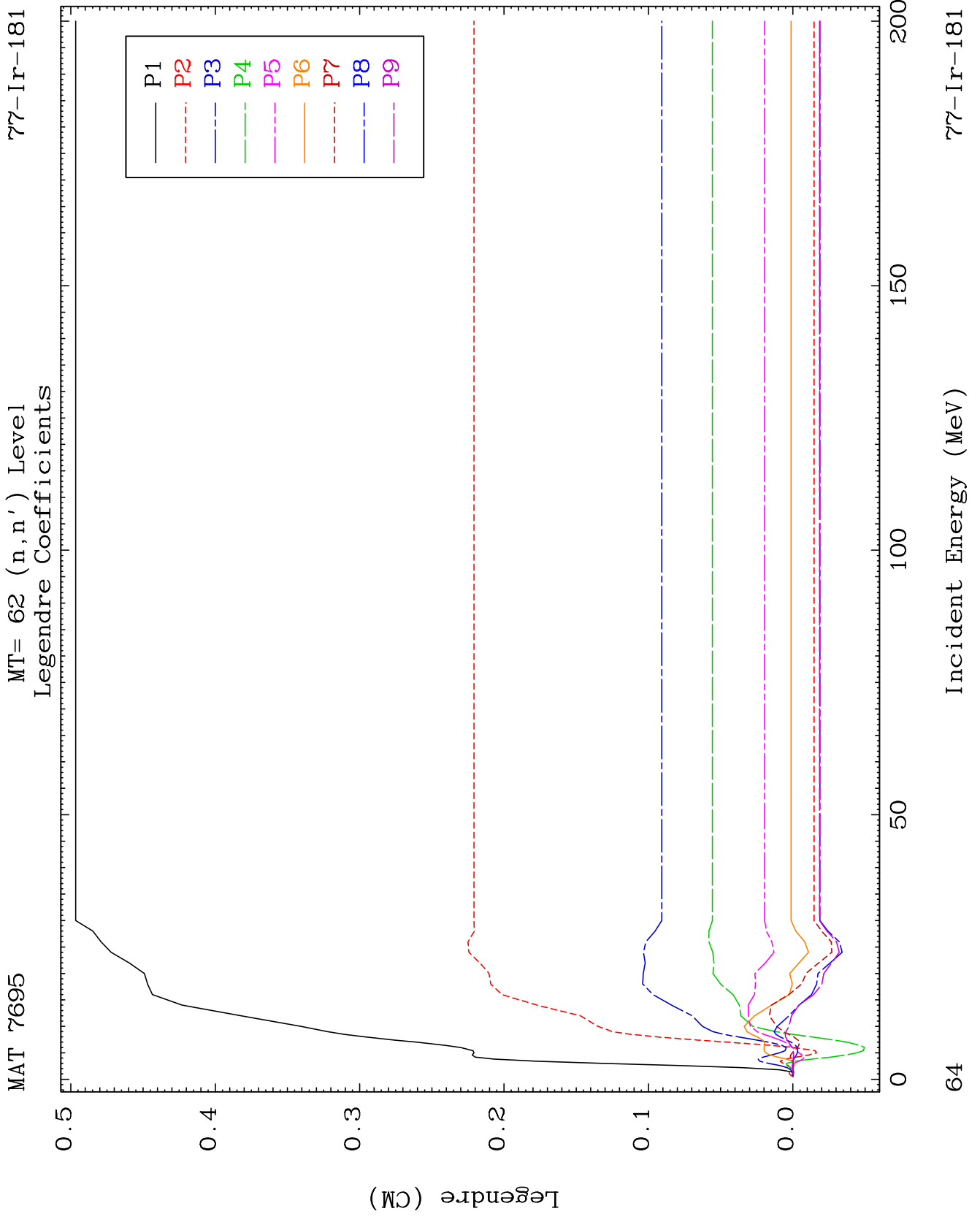
MT= 61 (n,n') Level  
Legendre Coefficients

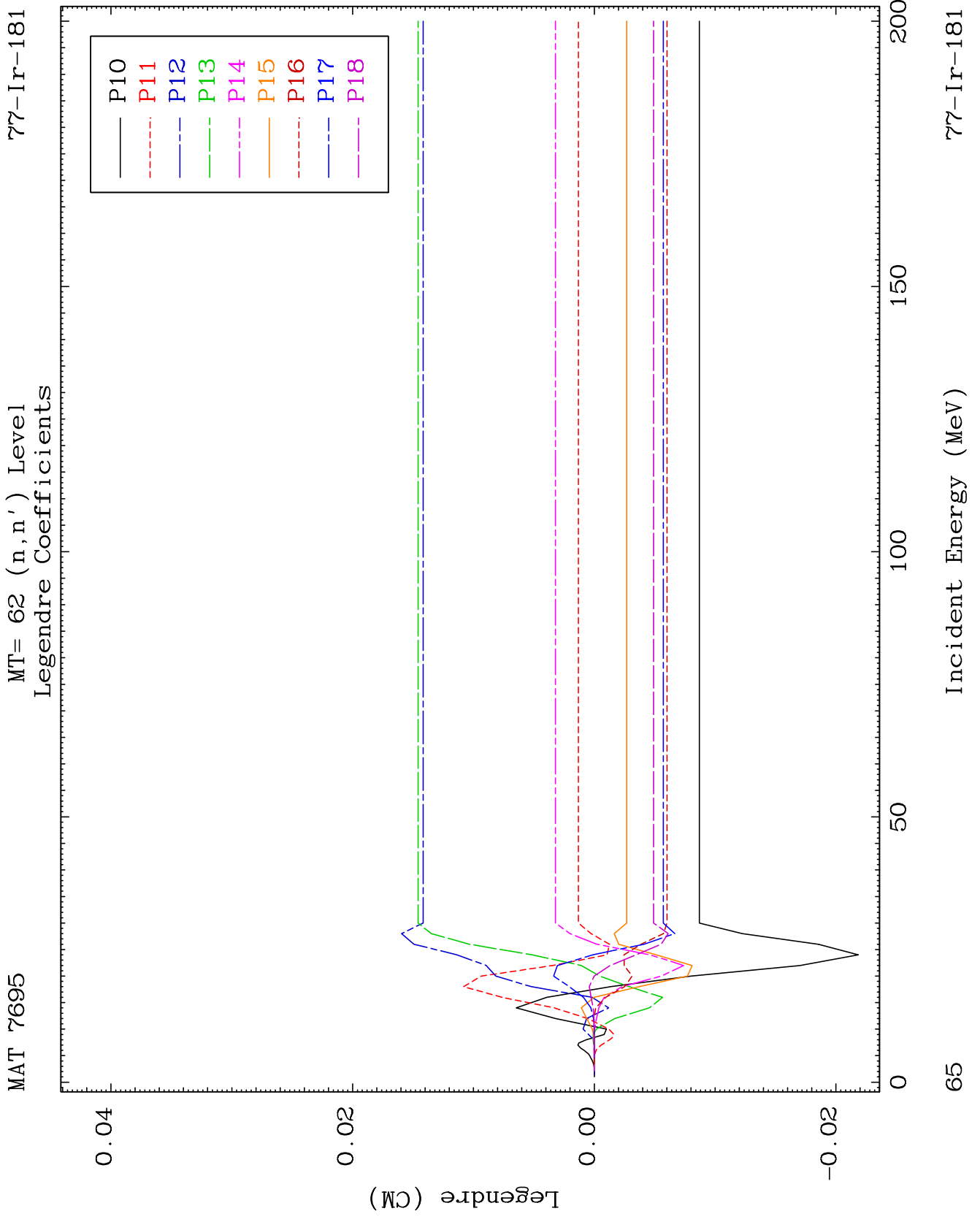
77-Ir-181

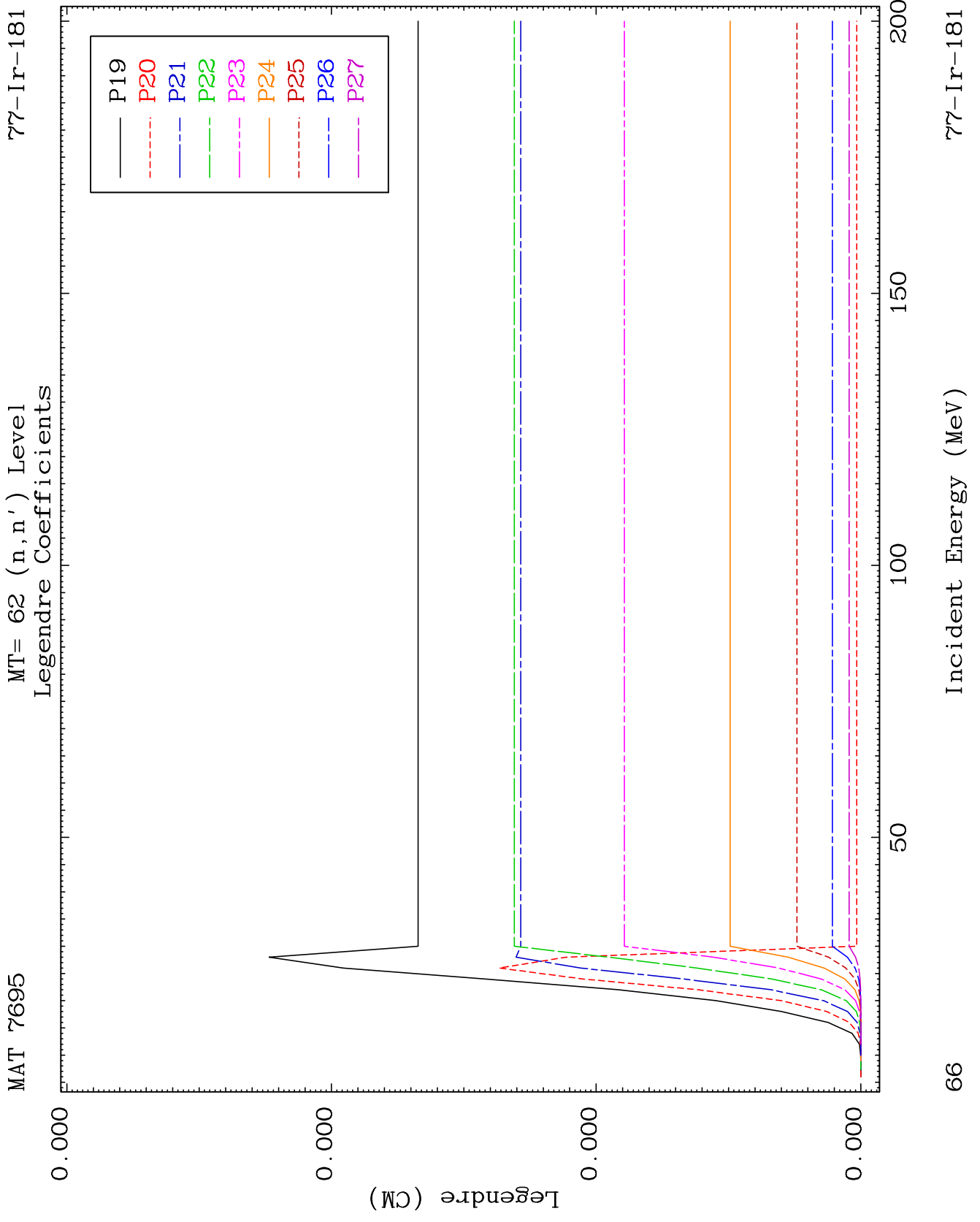


63





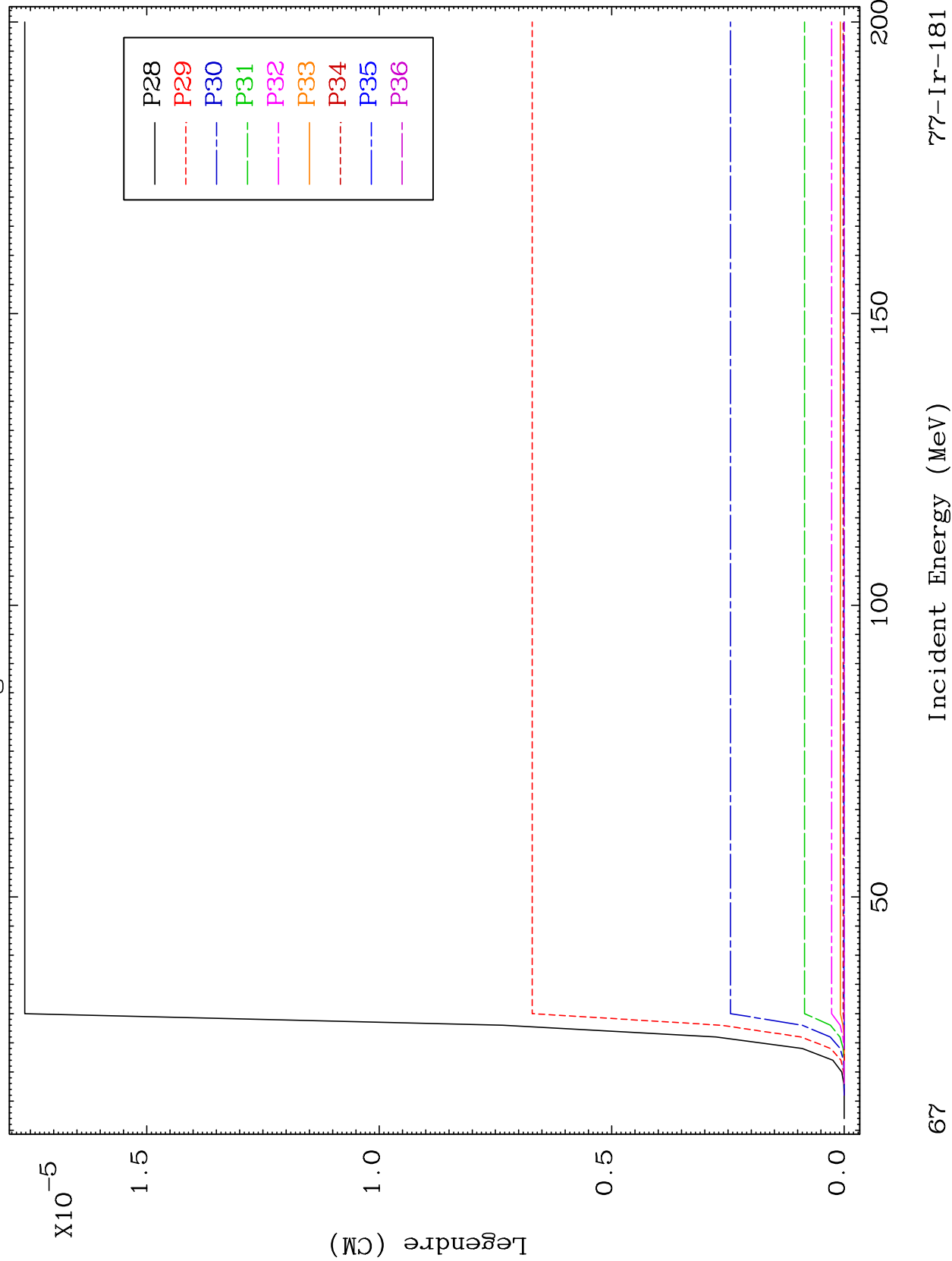




MAT 7695

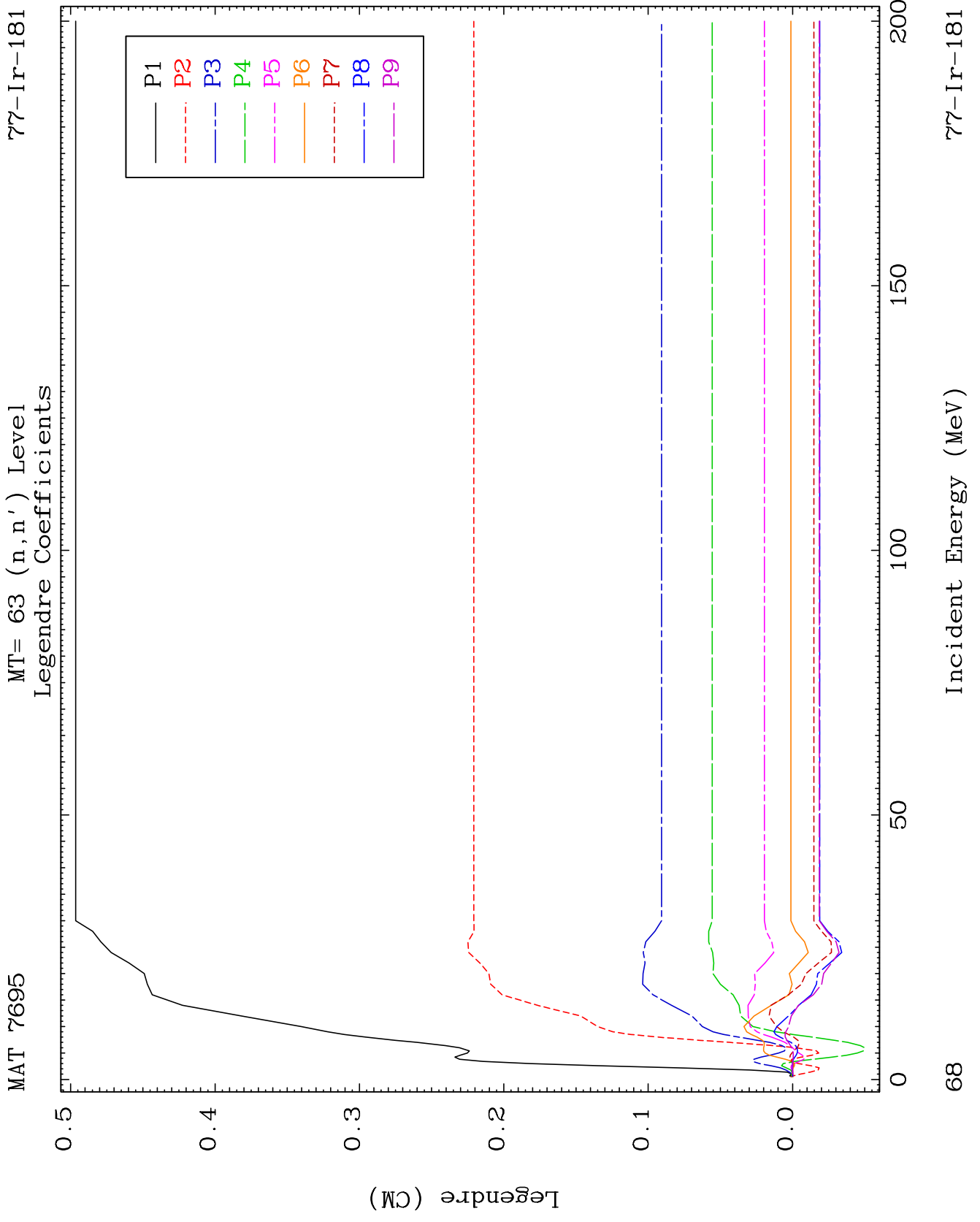
MT= 62 (n,n') Level  
Legendre Coefficients

77-Ir-181



67

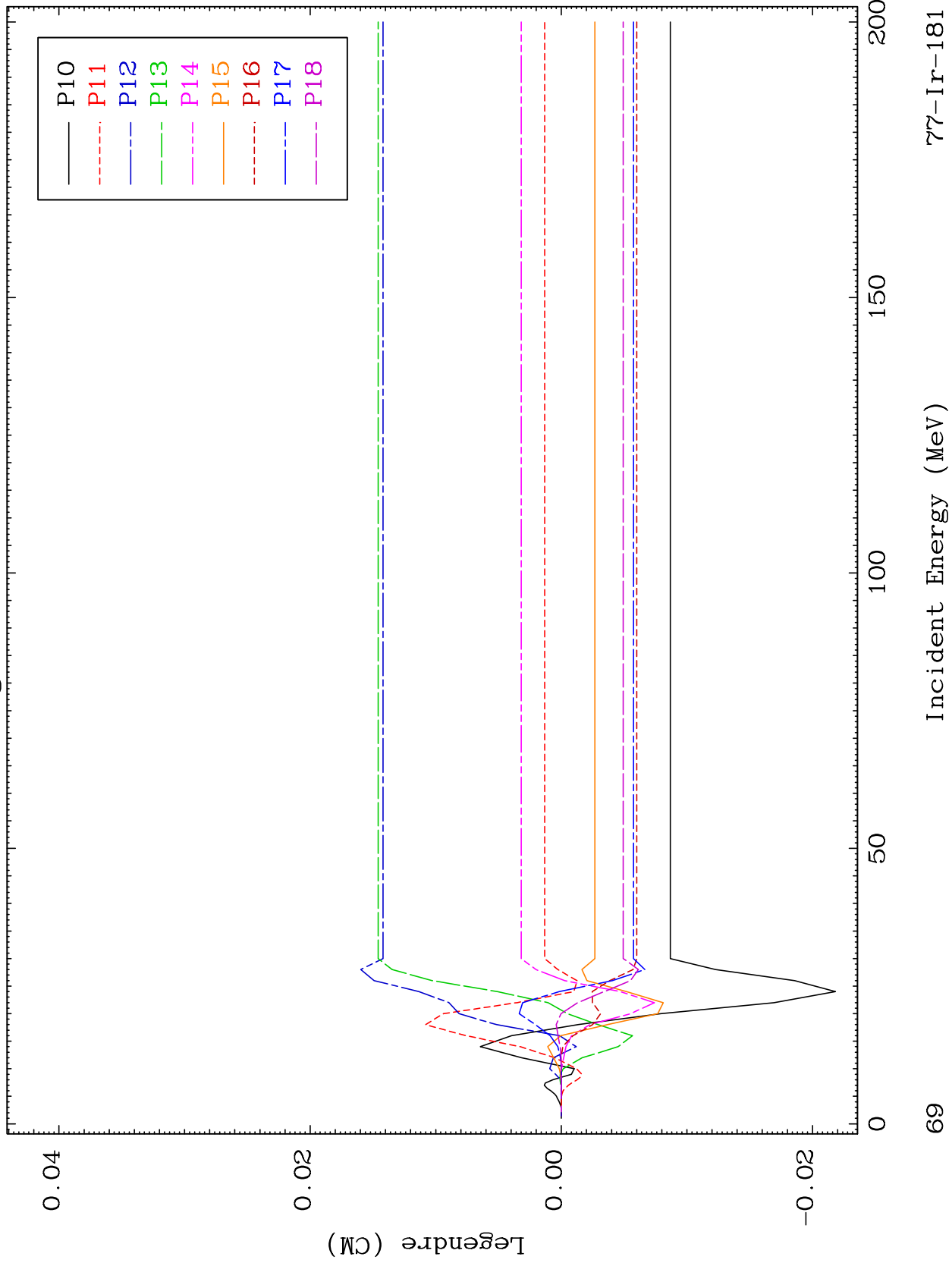
77-Ir-181



MAT 7695

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

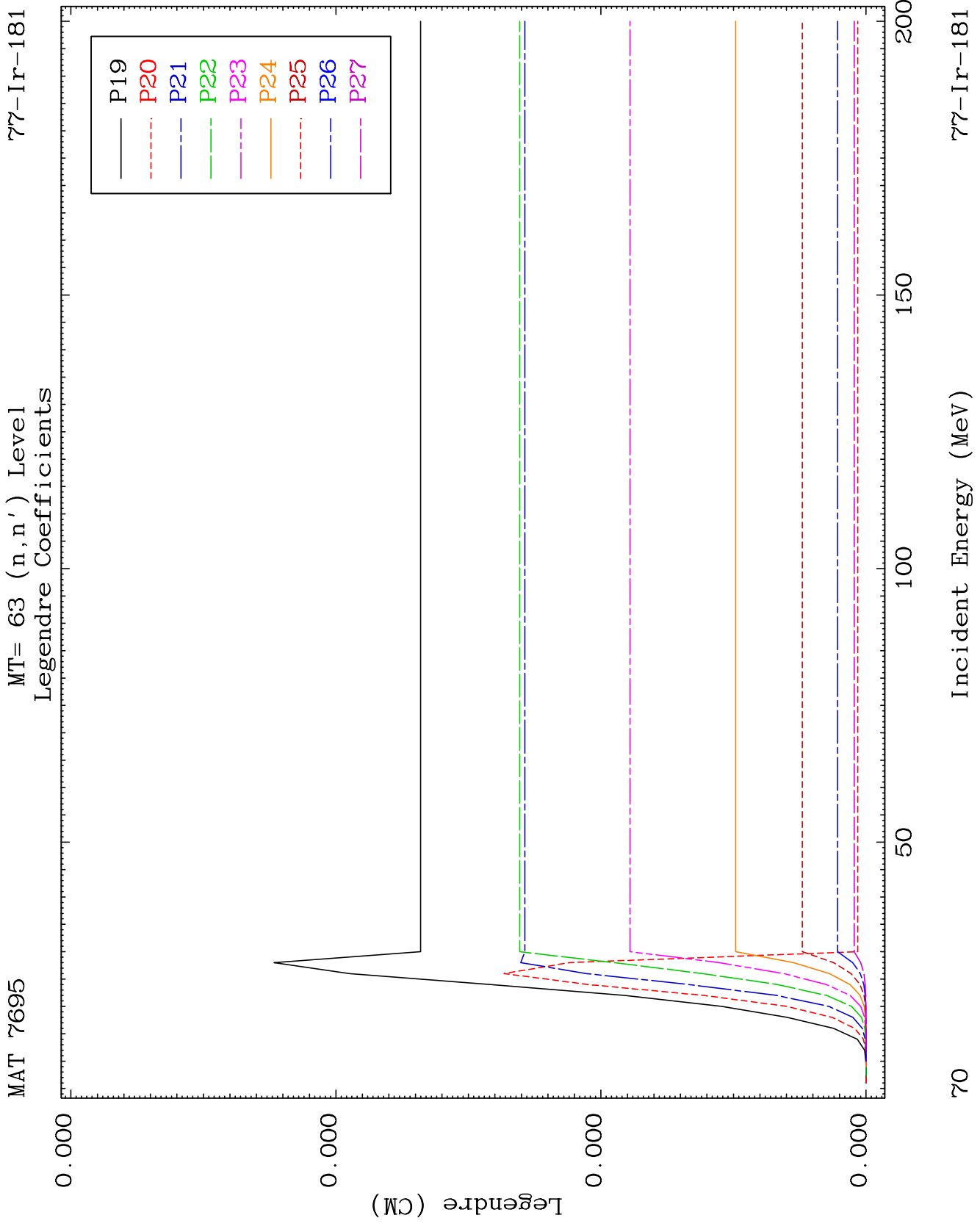
77-Ir-181



77-Ir-181

Incident Energy (MeV)

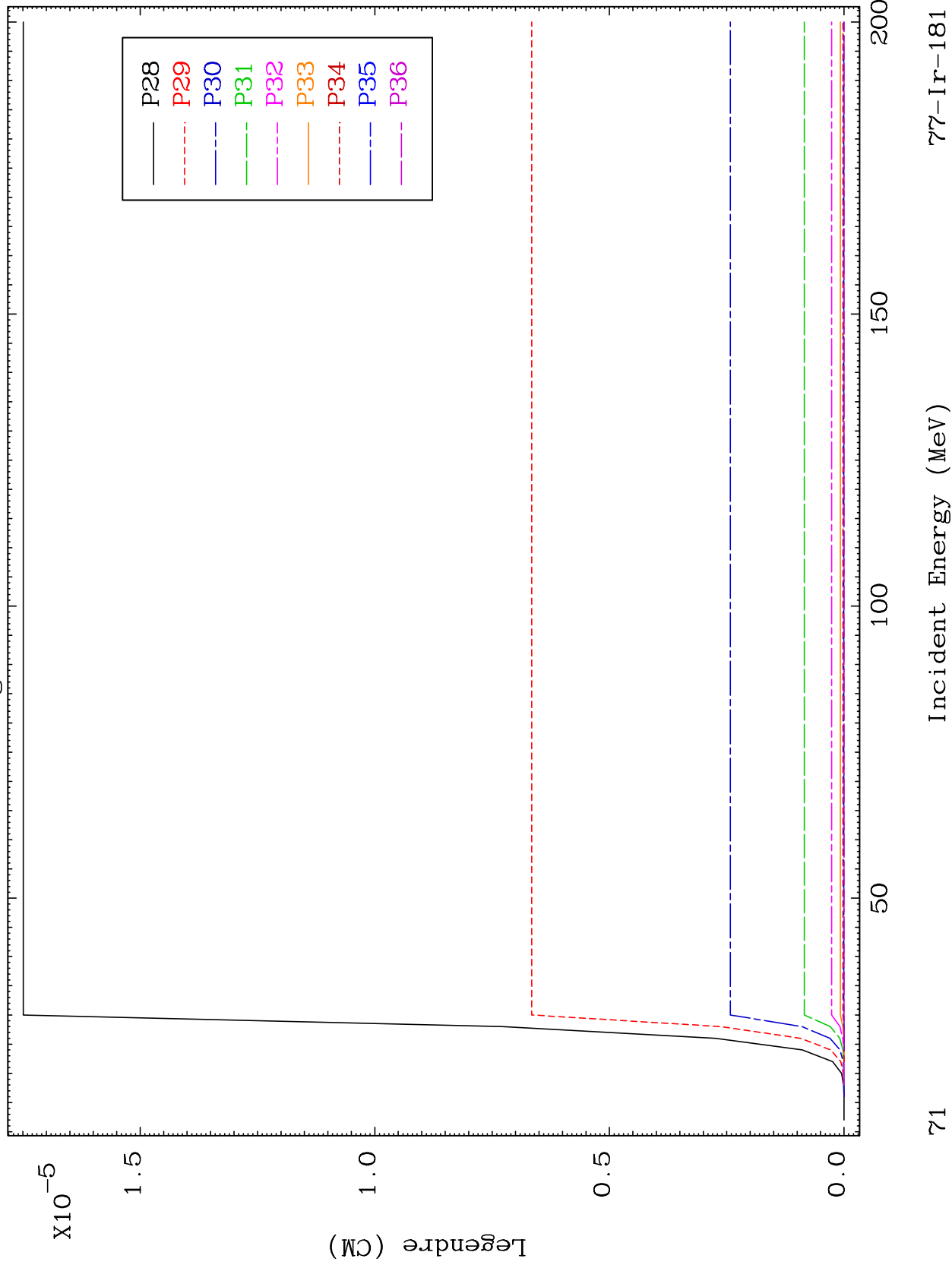
69



MAT 7695

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

77-Ir-181

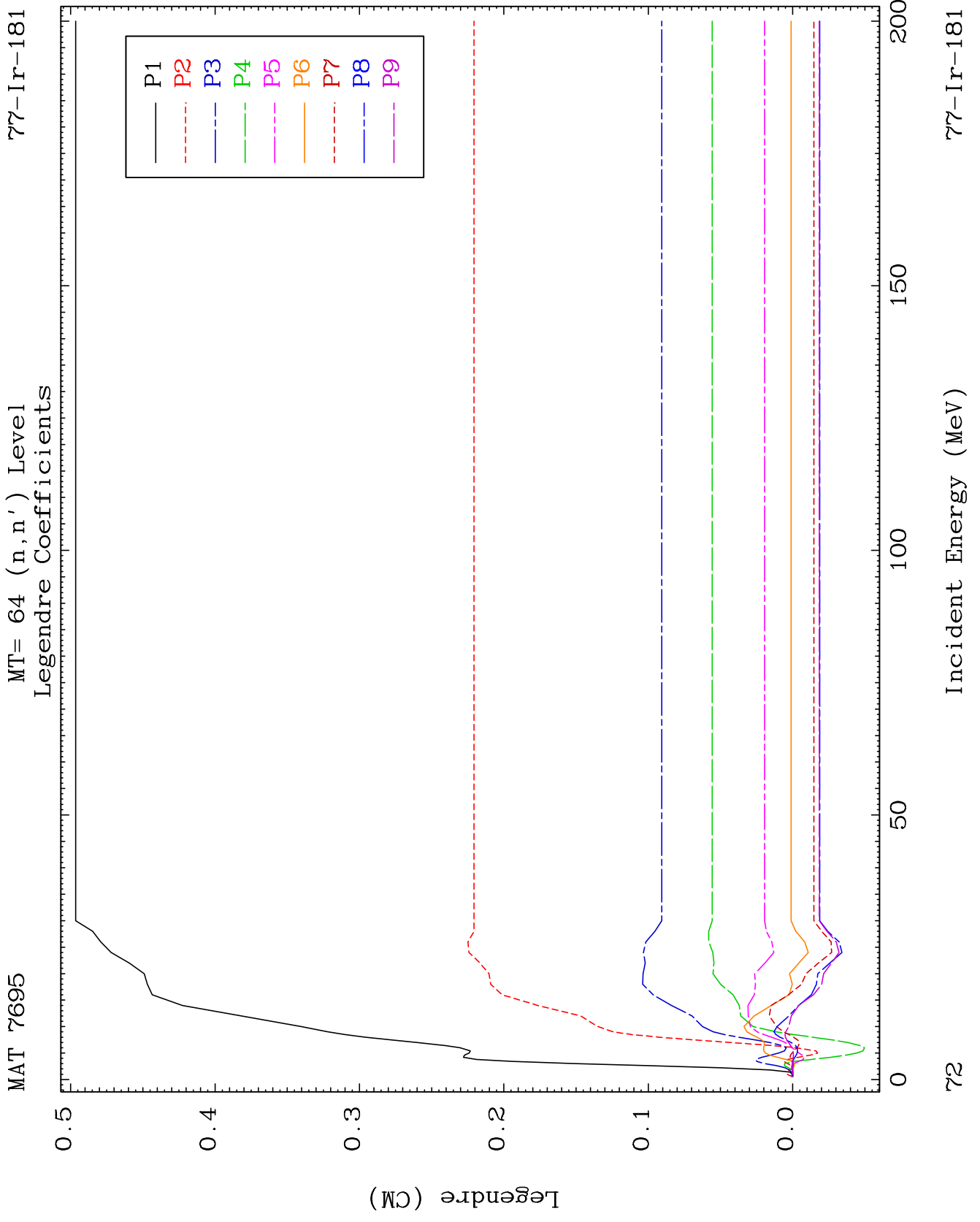


71

Incident Energy (MeV)

77-Ir-181

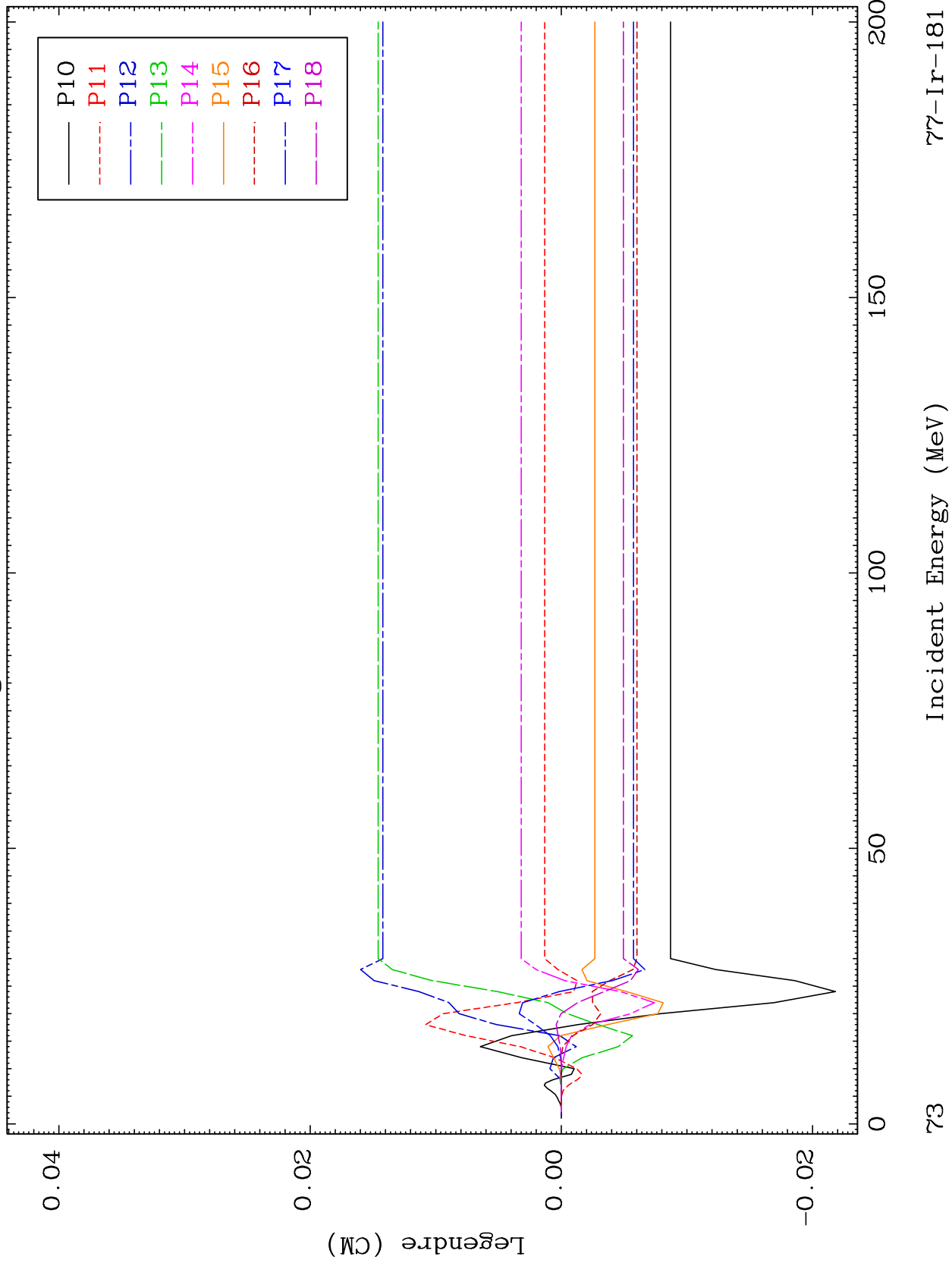




MAT 7695

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

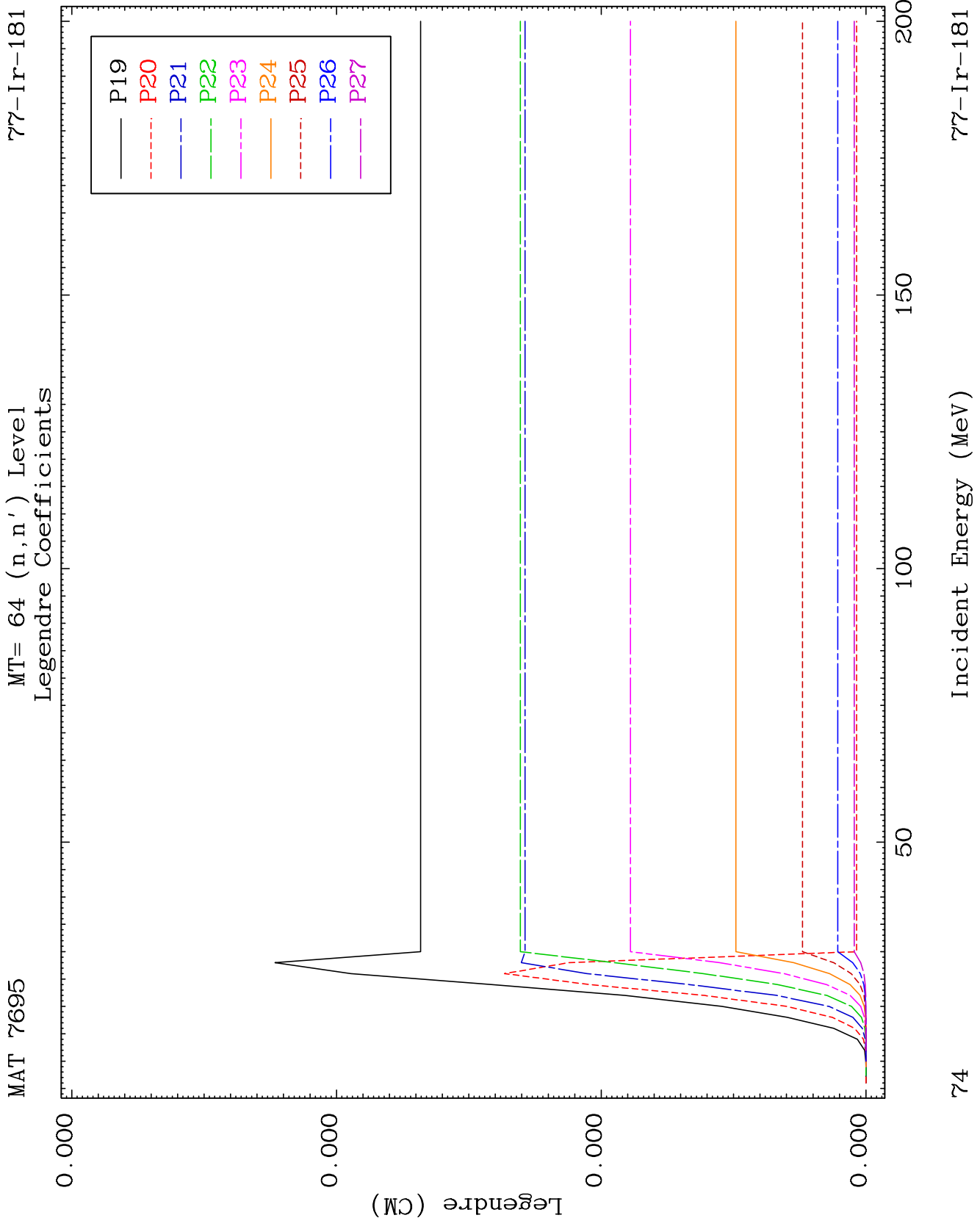
77-Ir-181



77-Ir-181

Incident Energy (MeV)

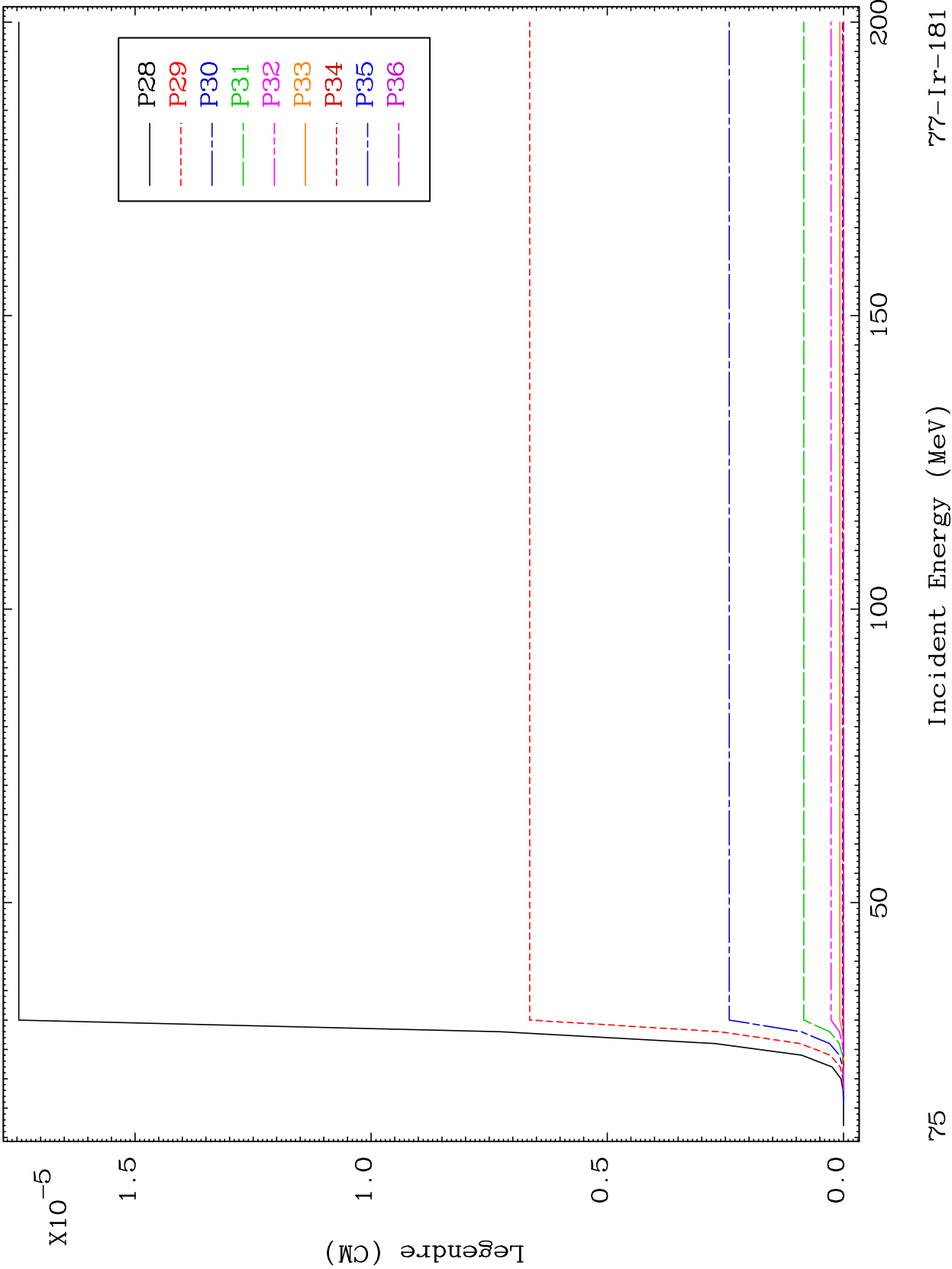
73



MAT 7695

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

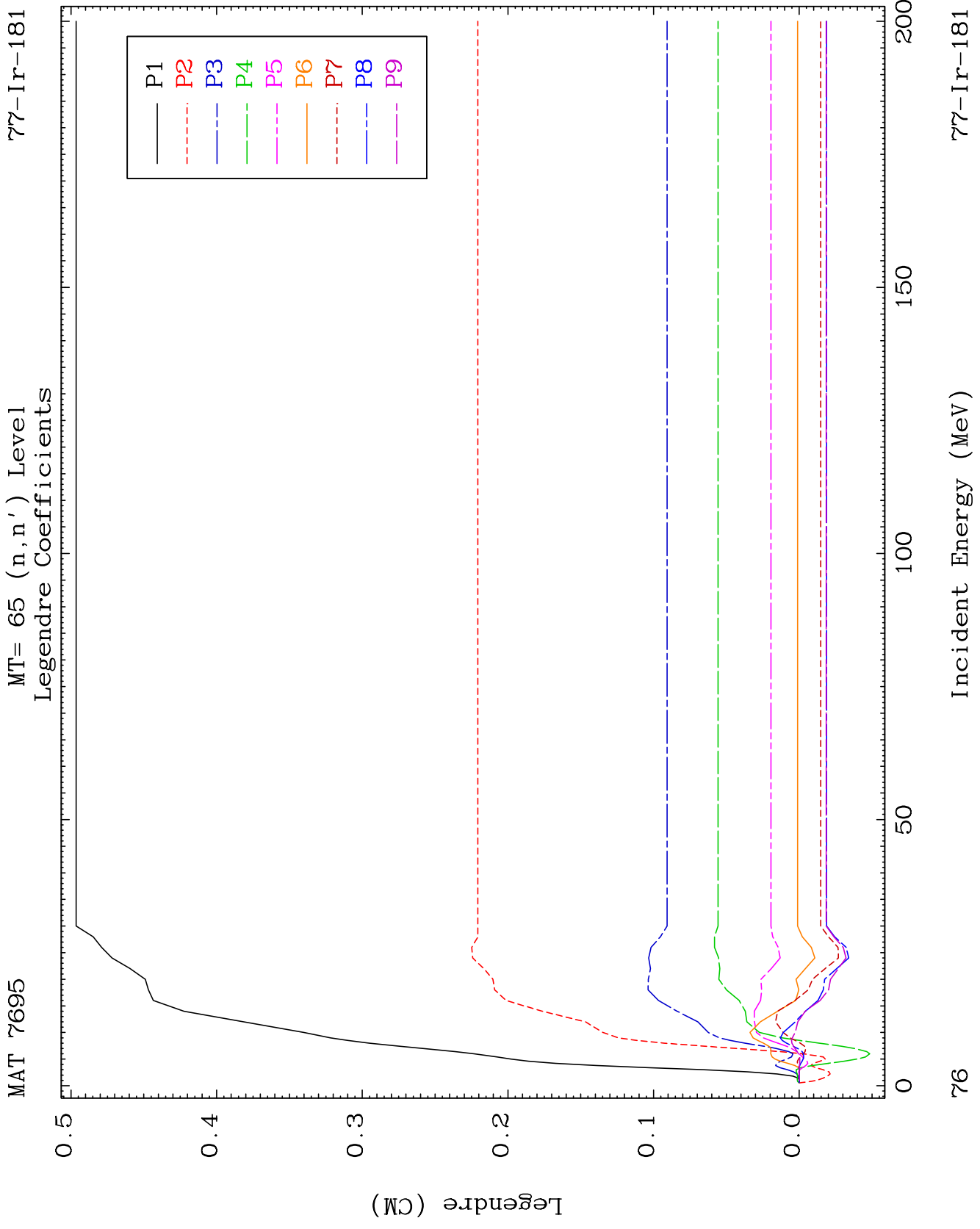
77-Ir-181

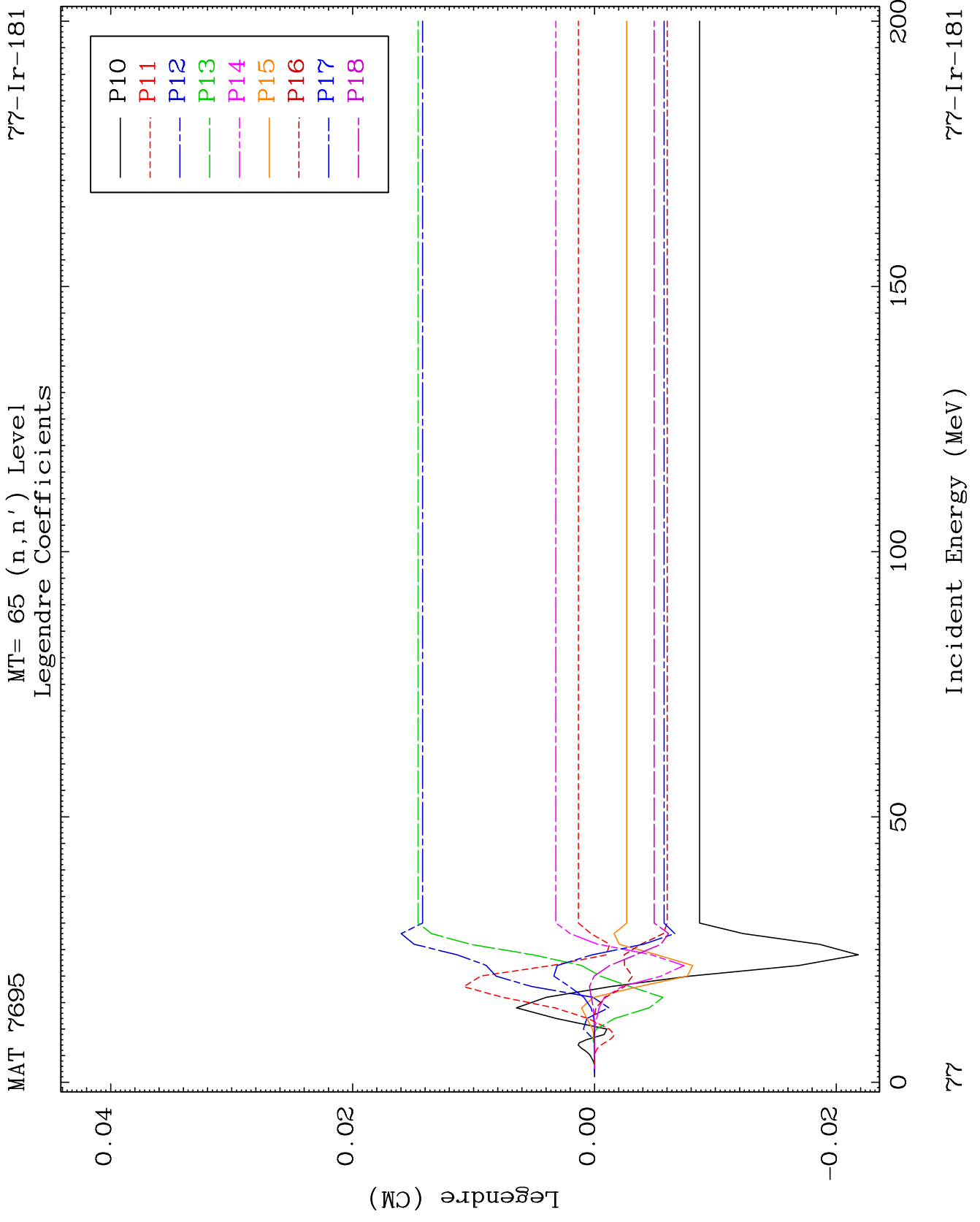


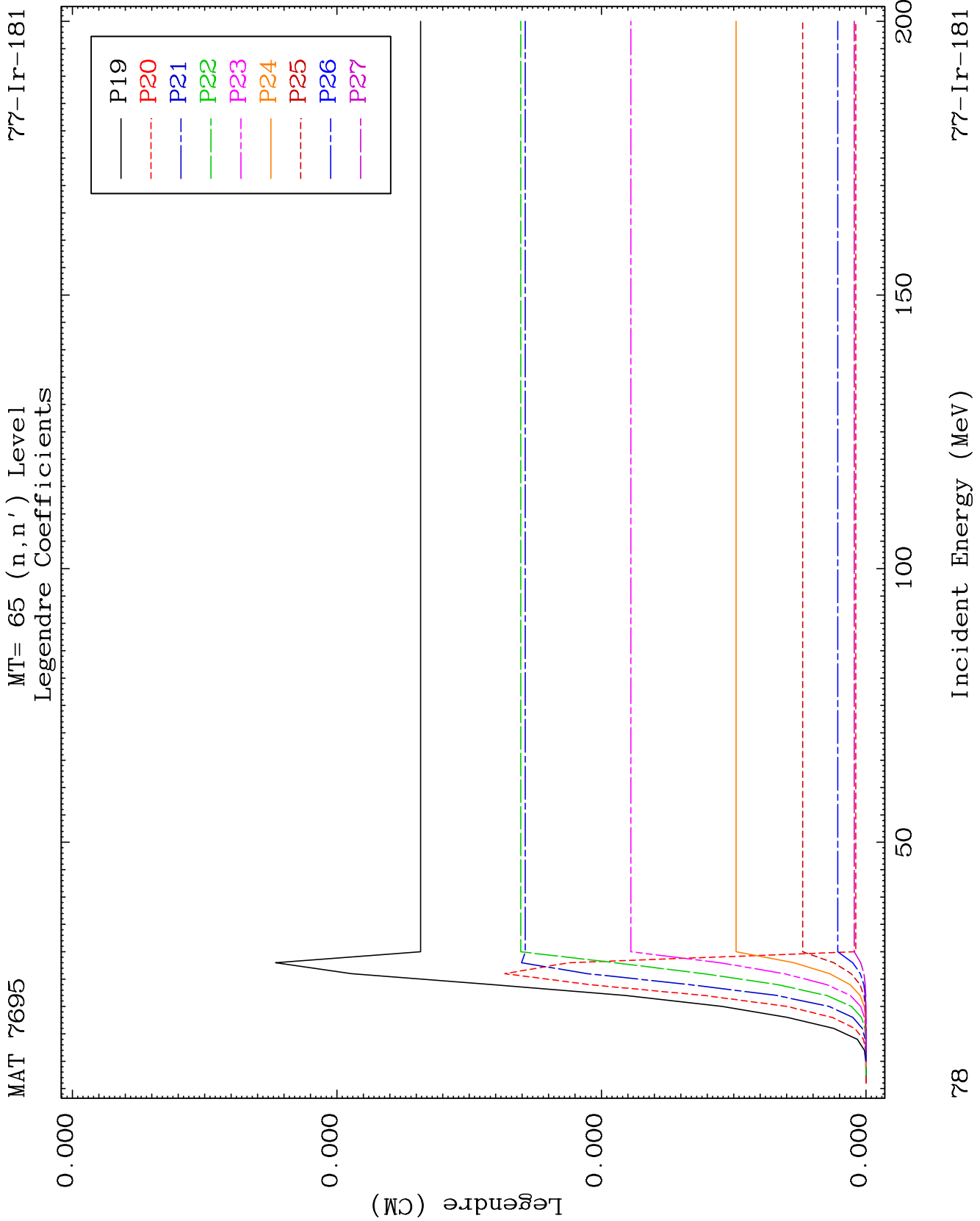
75

Incident Energy (MeV)

77-Ir-181



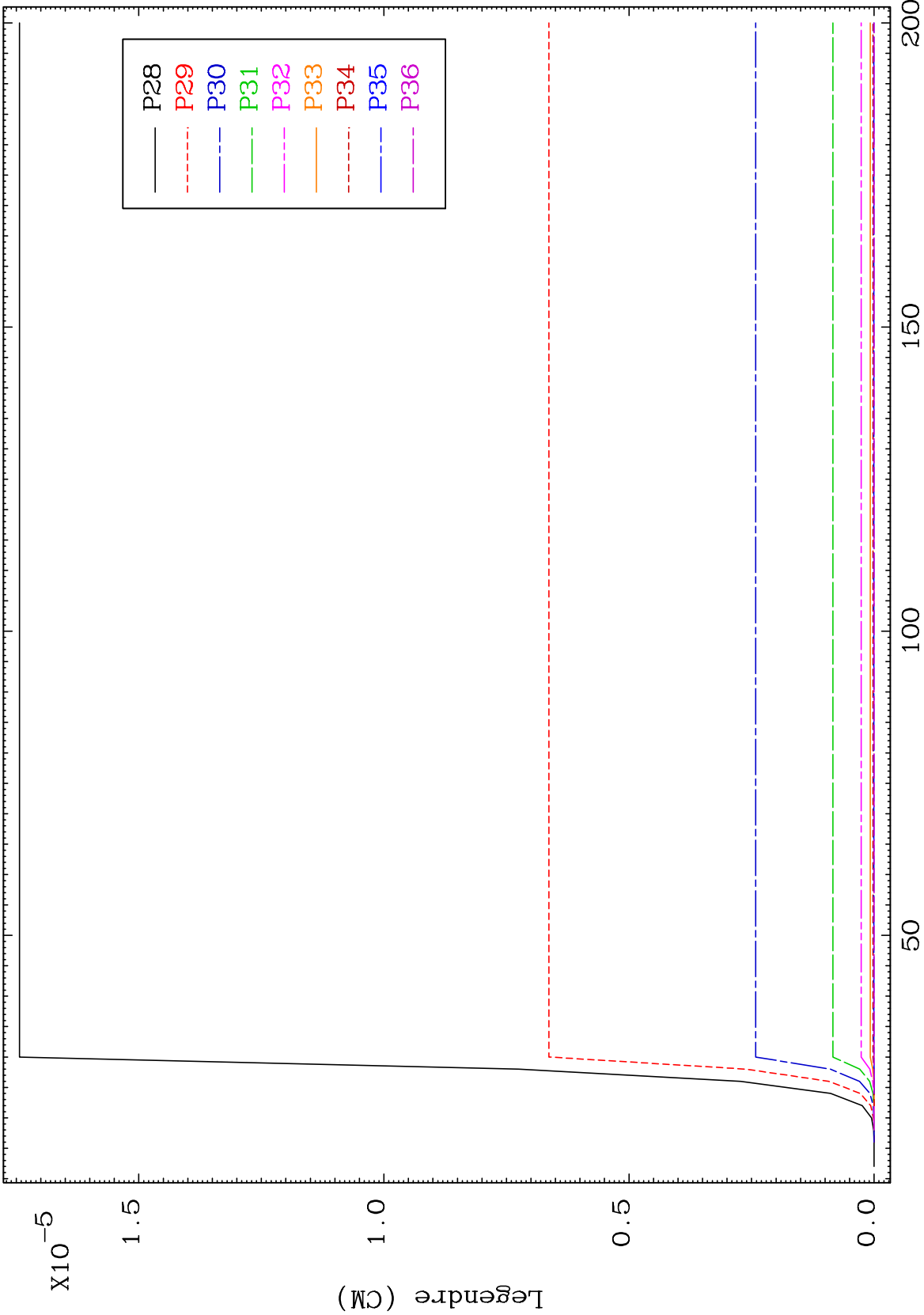




MAT 7695

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

77-Ir-181



79

Incident Energy (MeV)

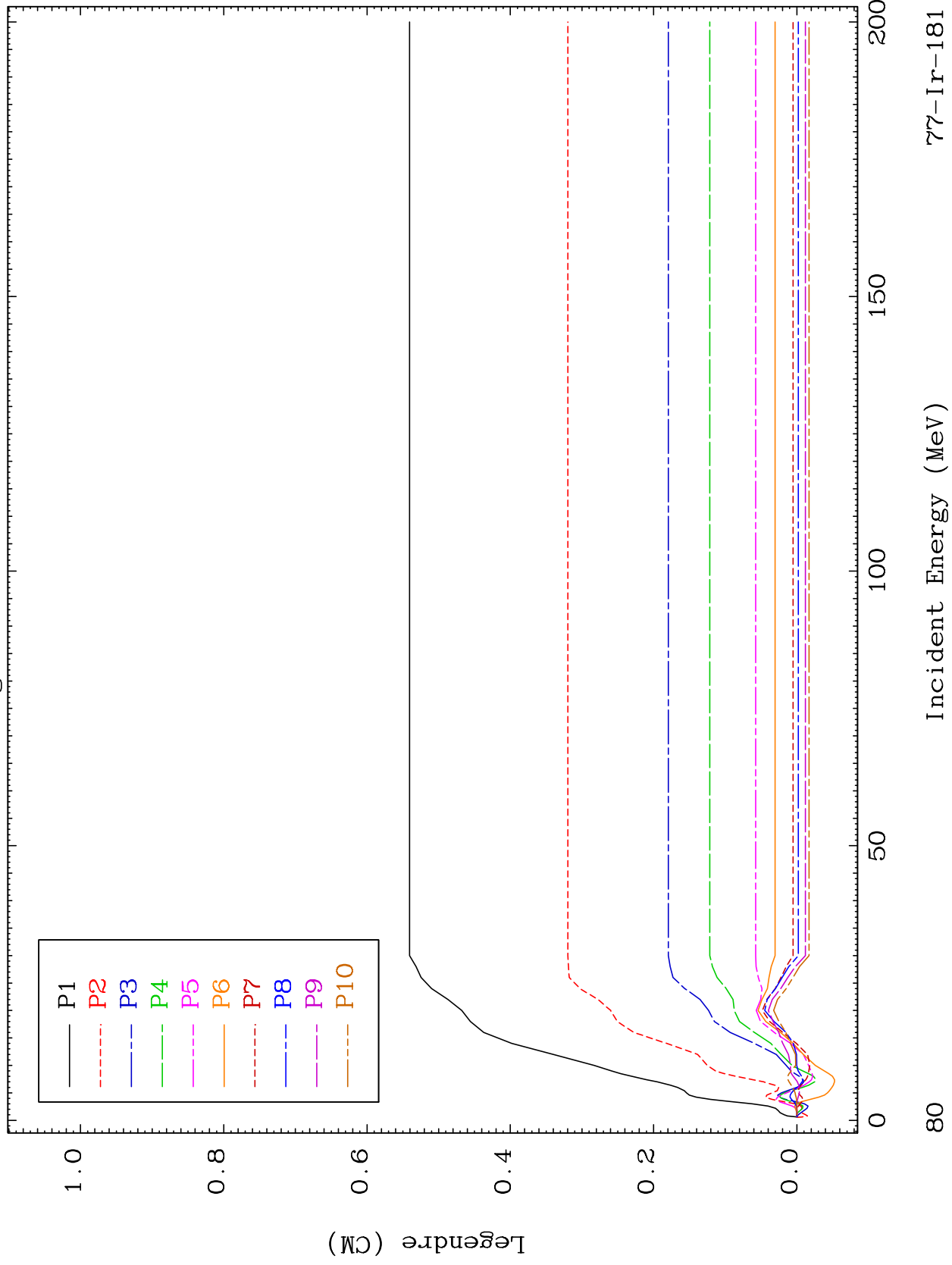
77-Ir-181



MAT 7695

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

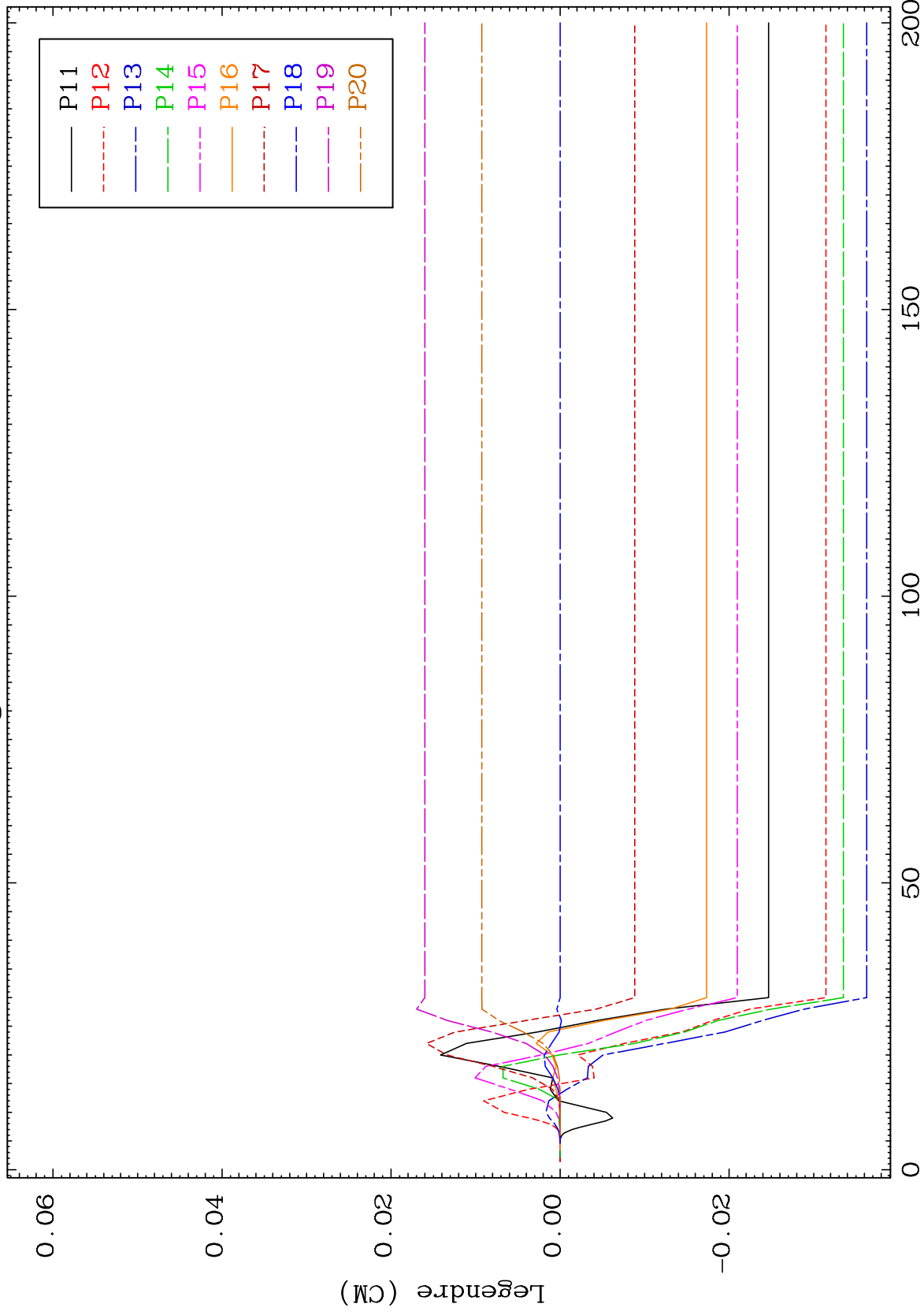
<sup>77</sup>Ir-181



MAT 7695

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

77-Ir-181



81

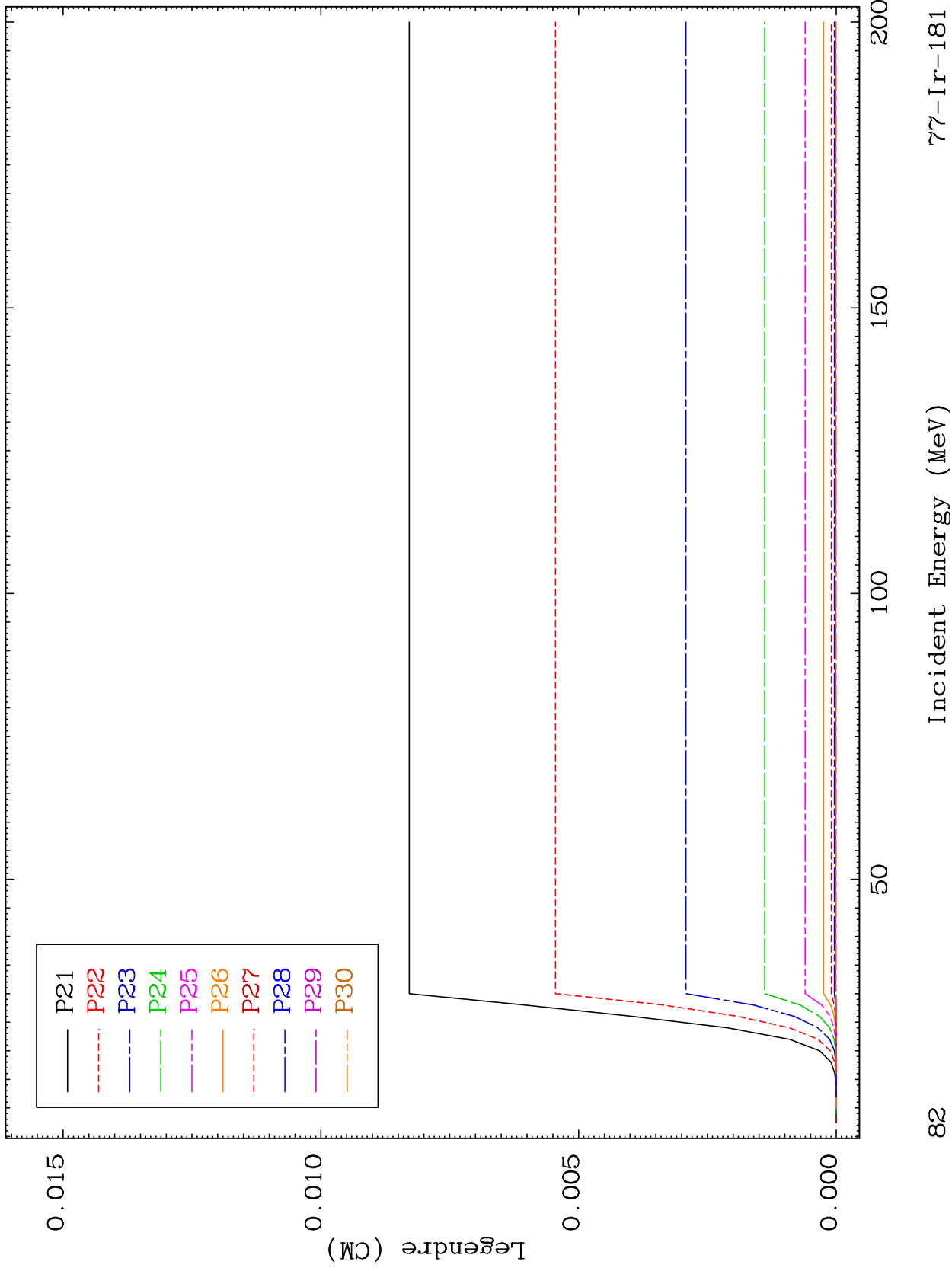
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



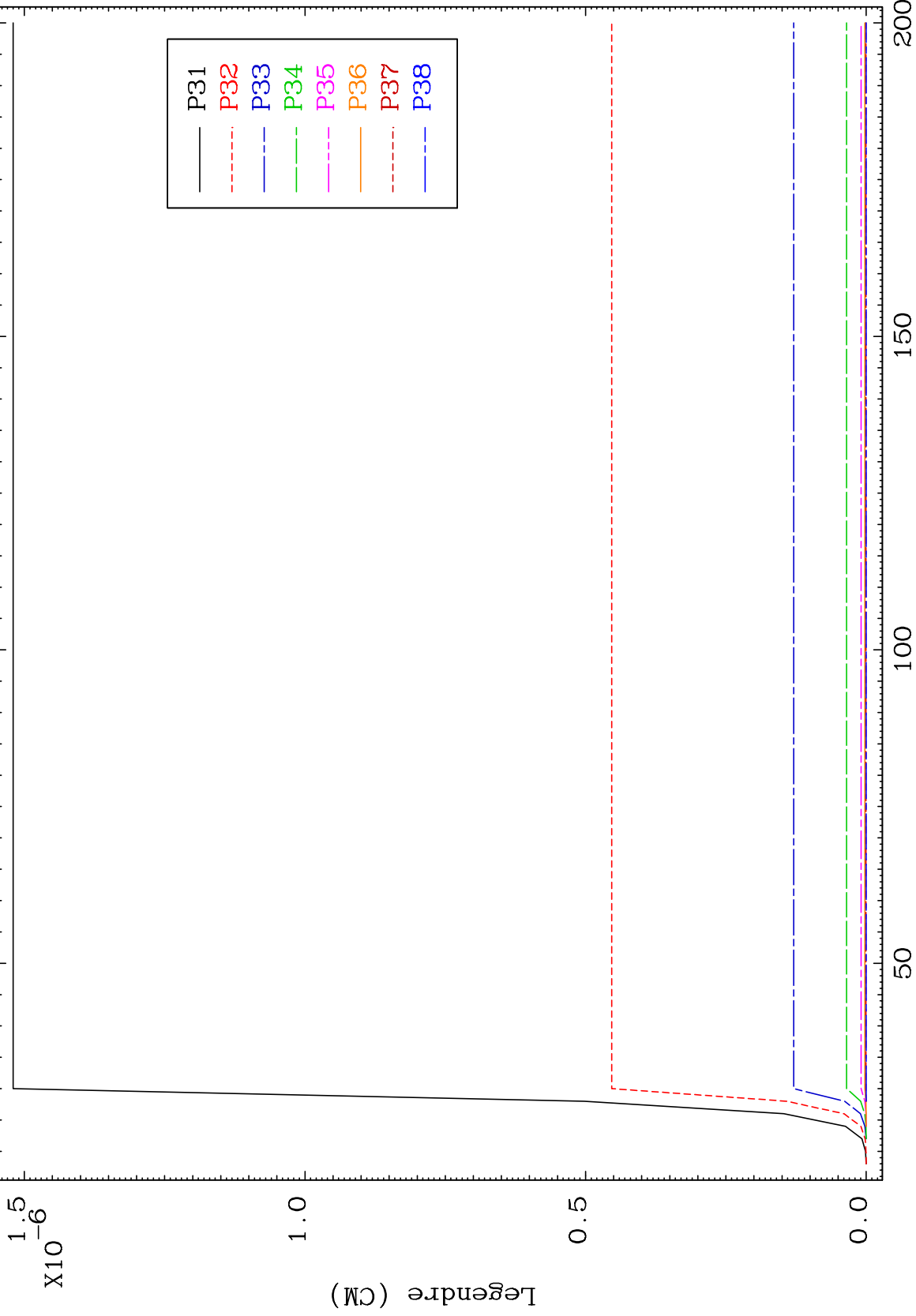
82

77-Ir-181

MAT 7695

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

77-Ir-181



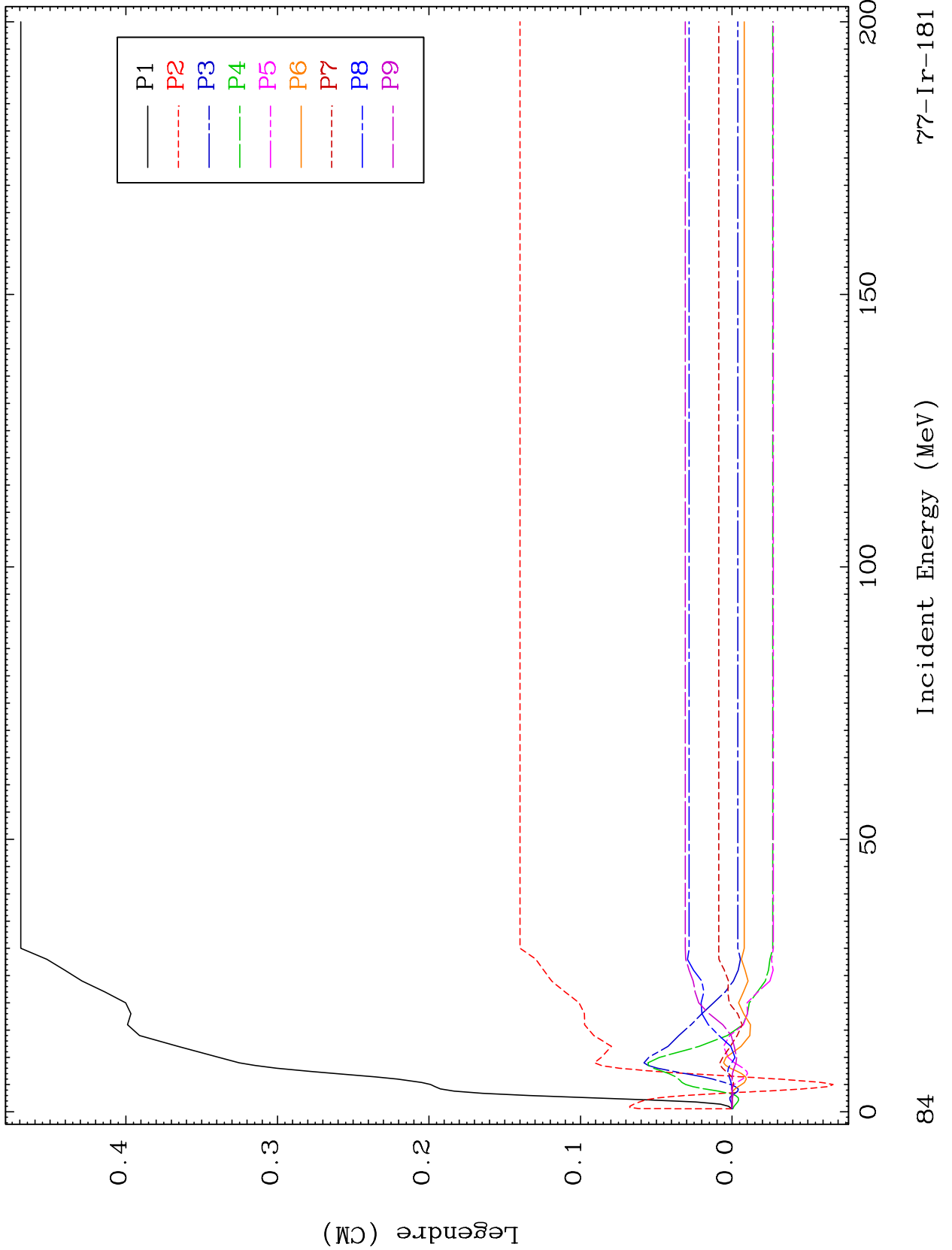
83

77-Ir-181

MAT 7695

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

77-Ir-181



77-Ir-181

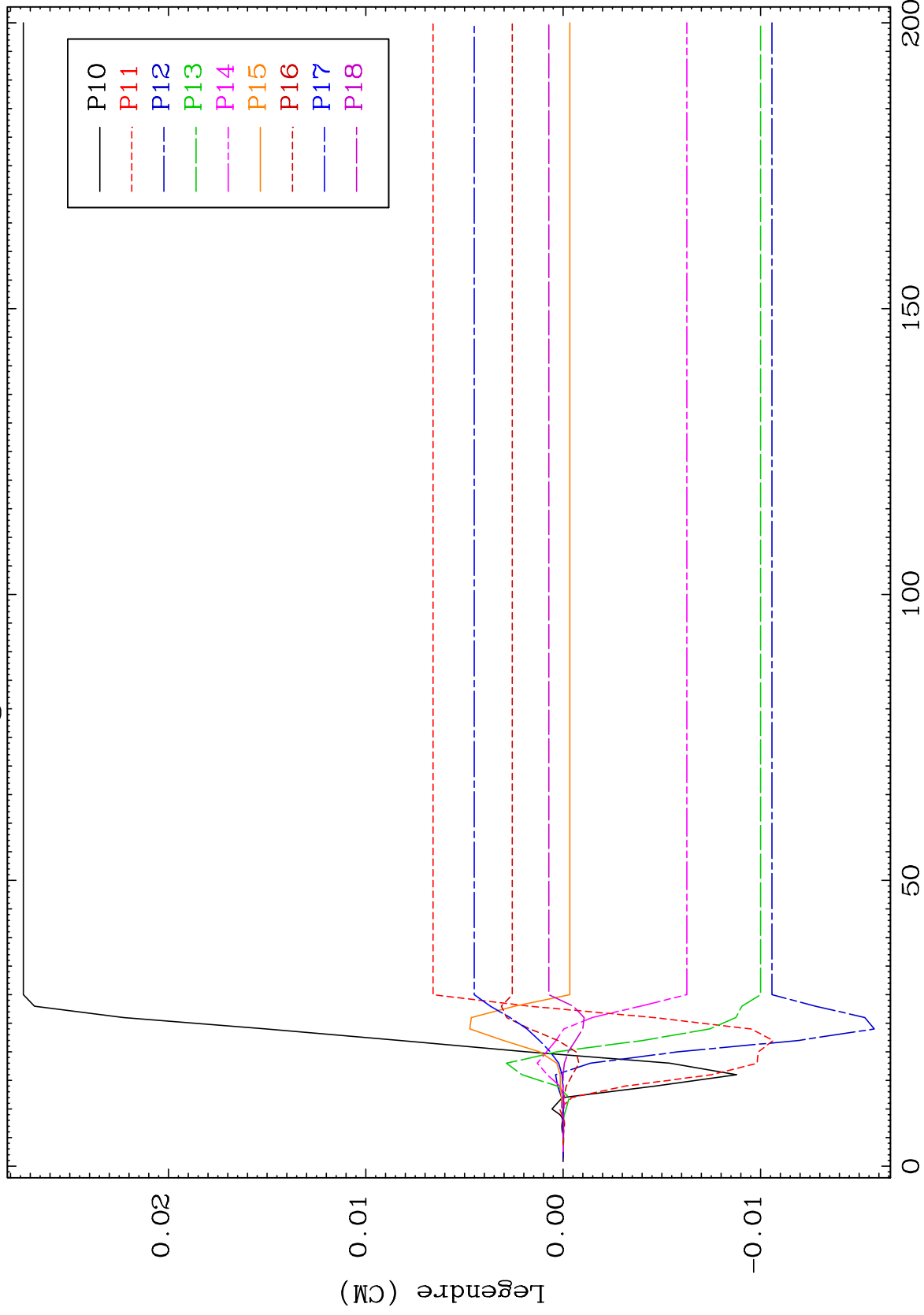
Incident Energy (MeV)

84

MAT 7695

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

77-Ir-181



85

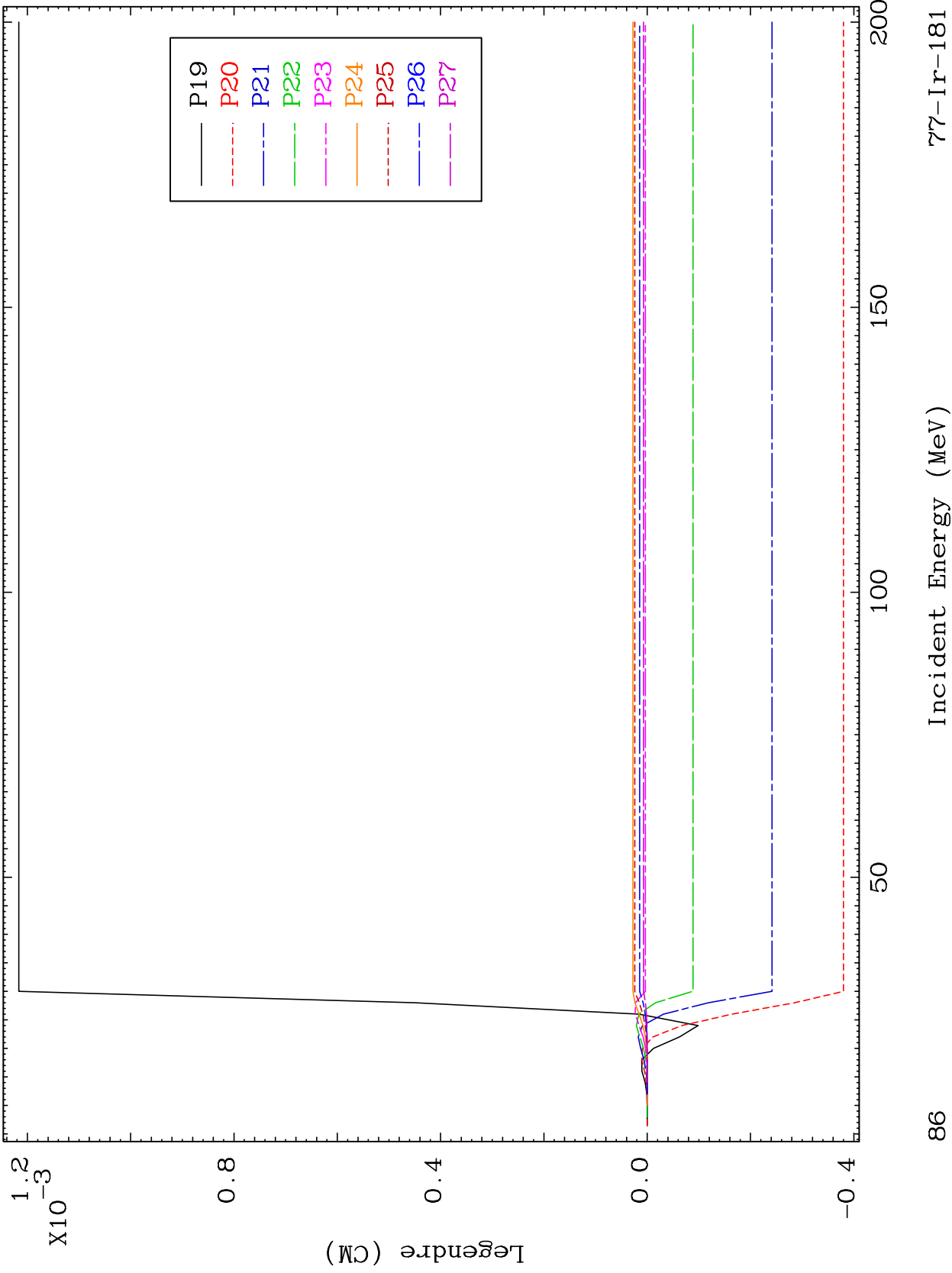
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



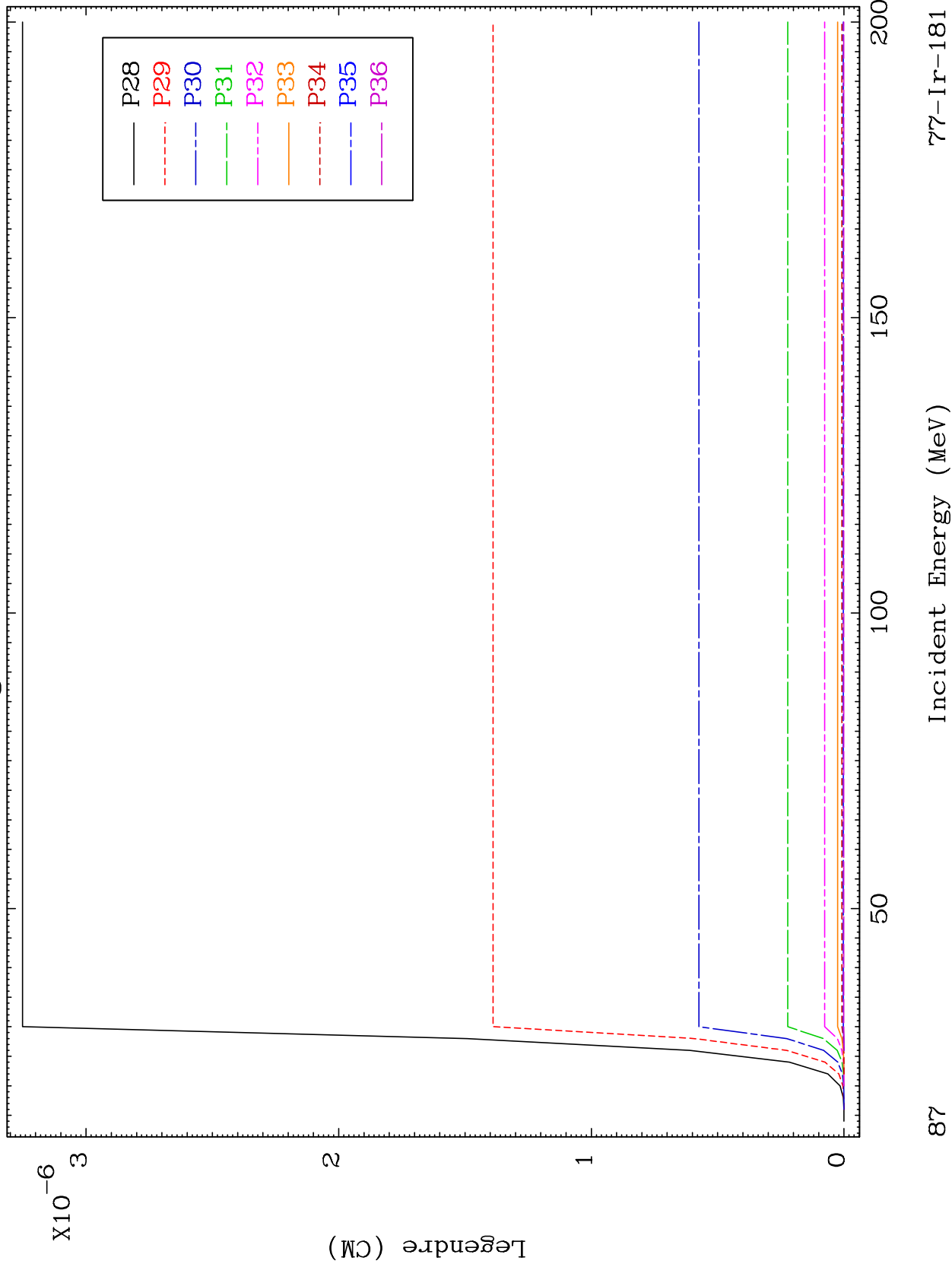
86

77-Ir-181

MAT 7695

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

77-Ir-181



87

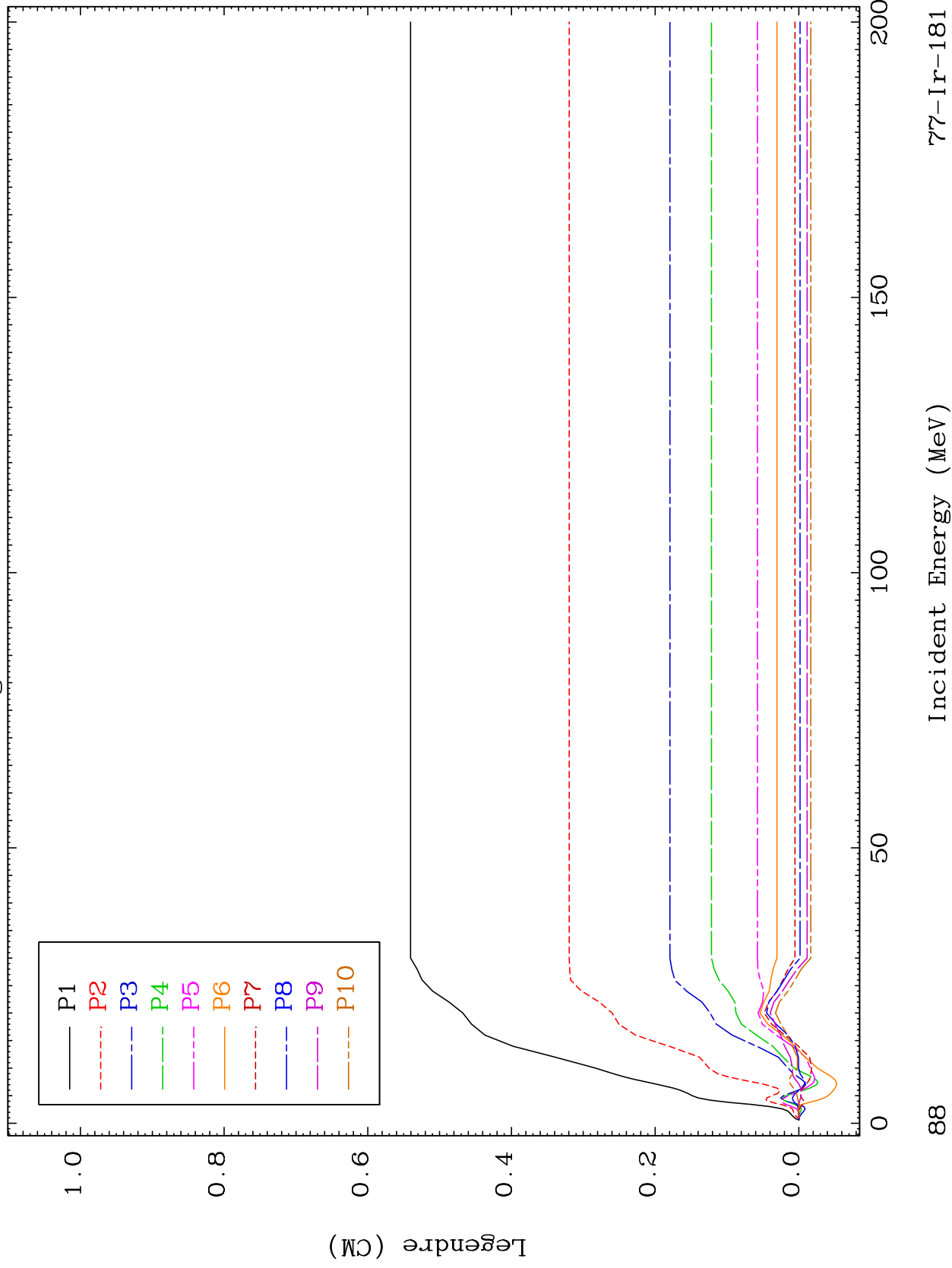
77-Ir-181



MAT 7695

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

77-Ir-181

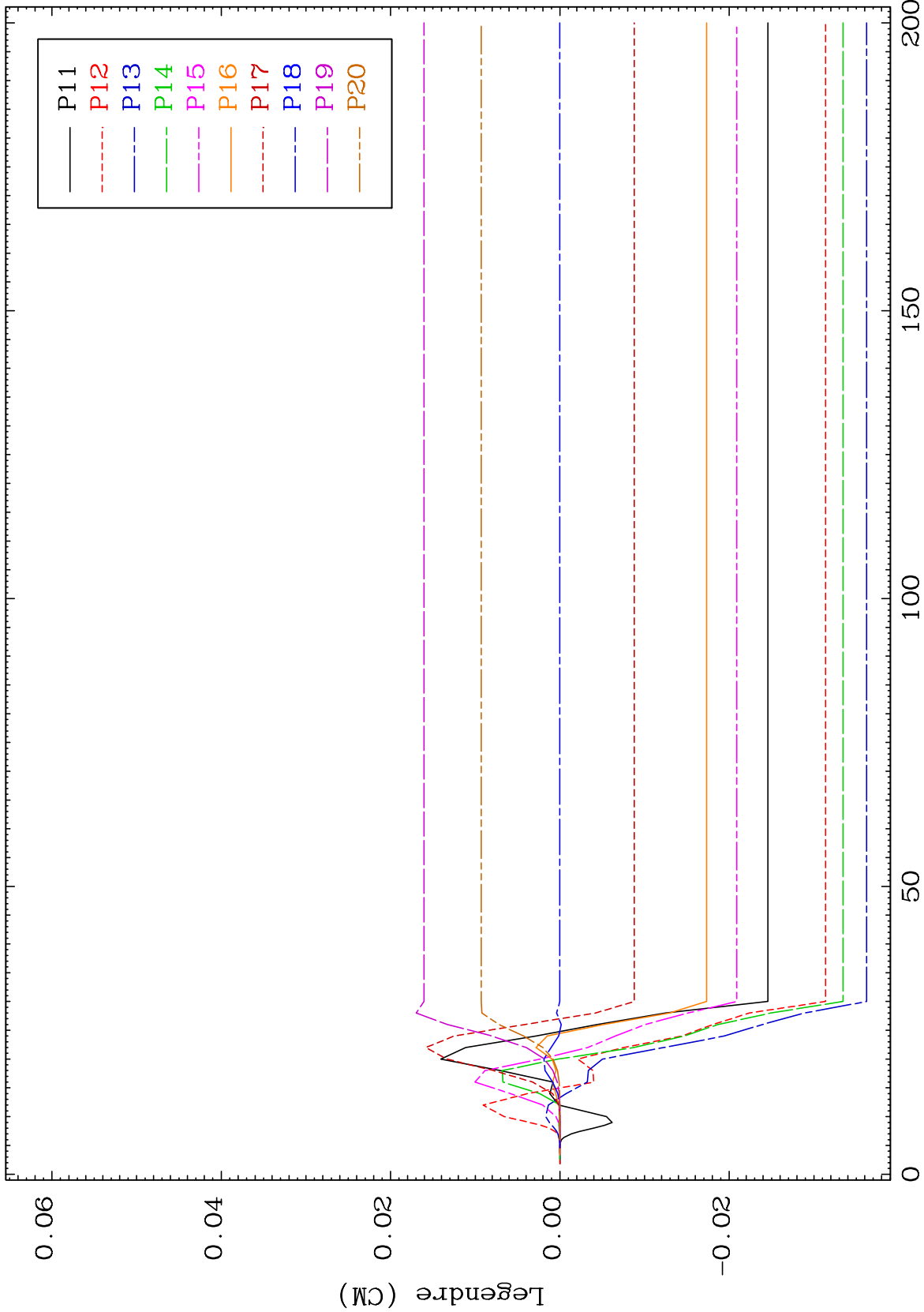


88

MAT 7695

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

77-Ir-181



89

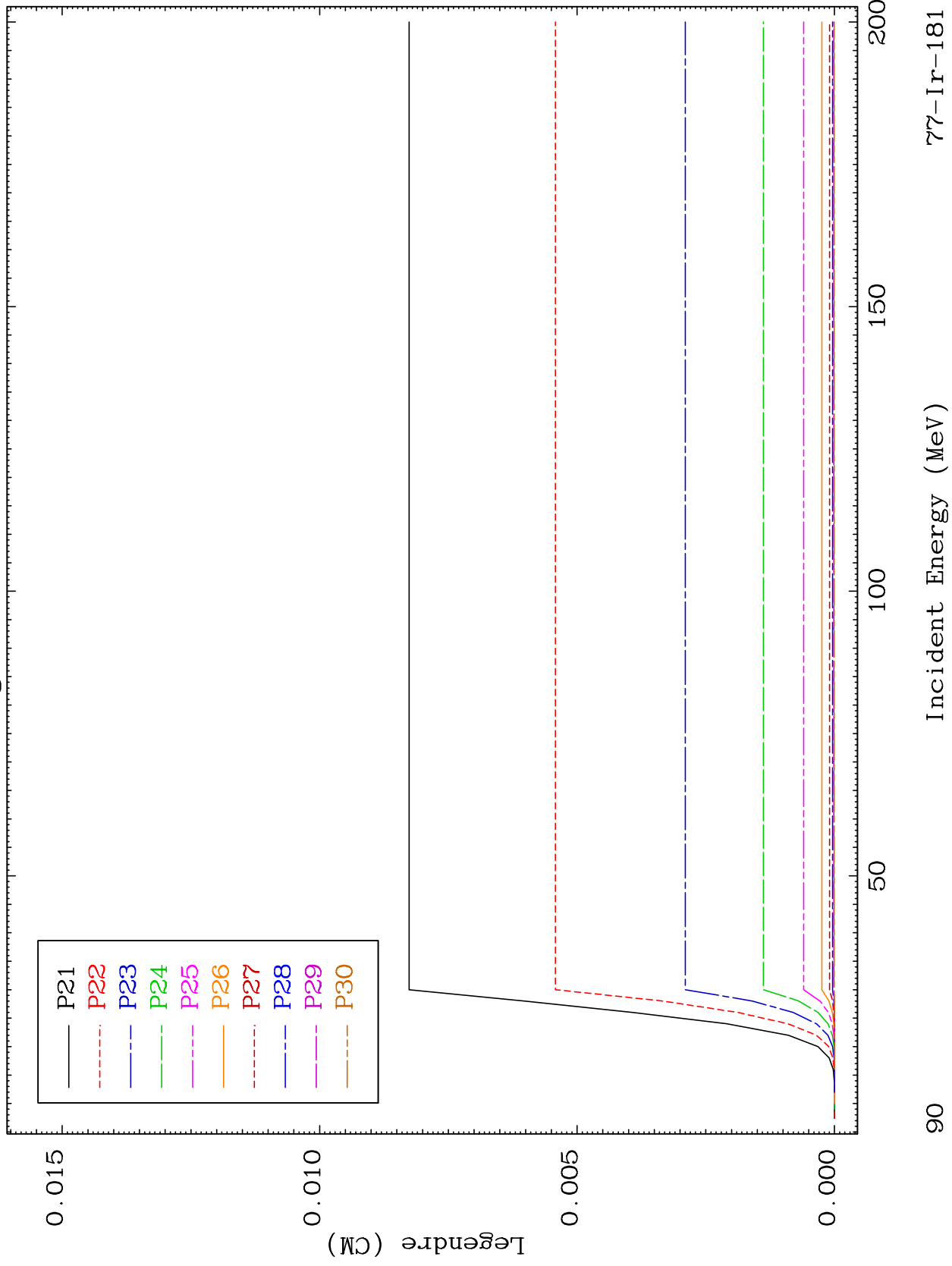
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



77-Ir-181

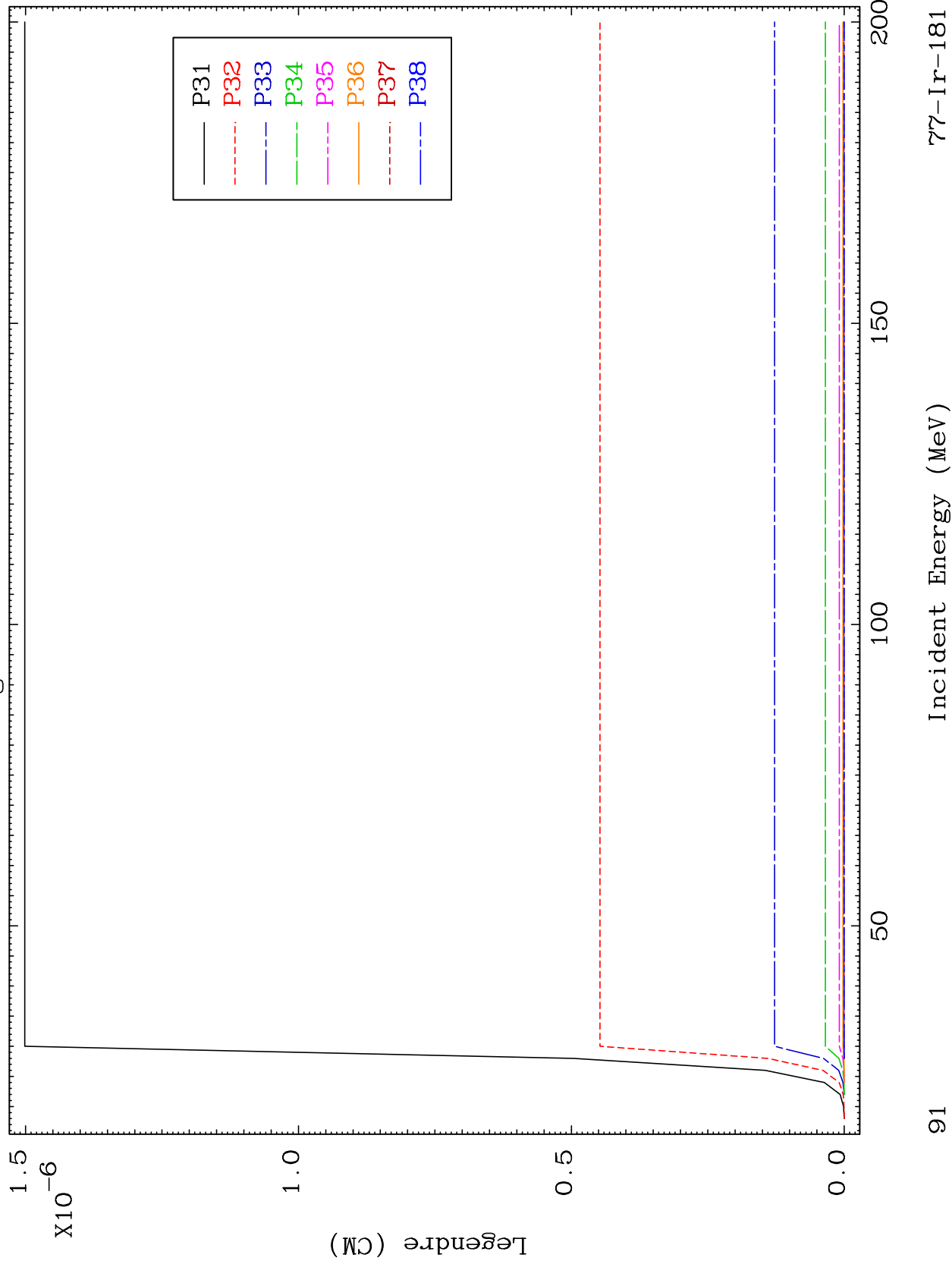
Incident Energy (MeV)

90

MAT 7695

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

77-Ir-181

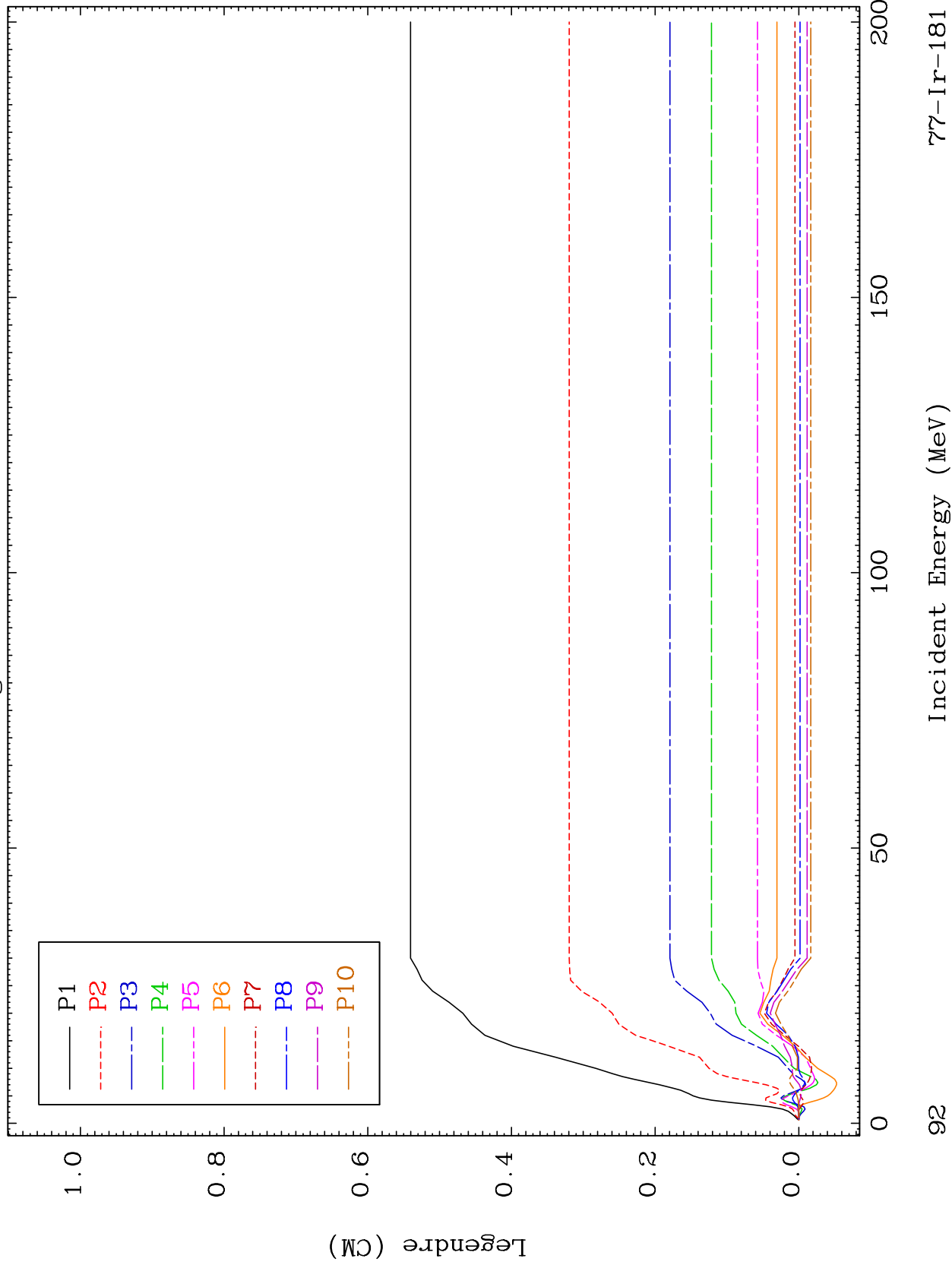


91

MAT 7695

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

77-Ir-181



77-Ir-181

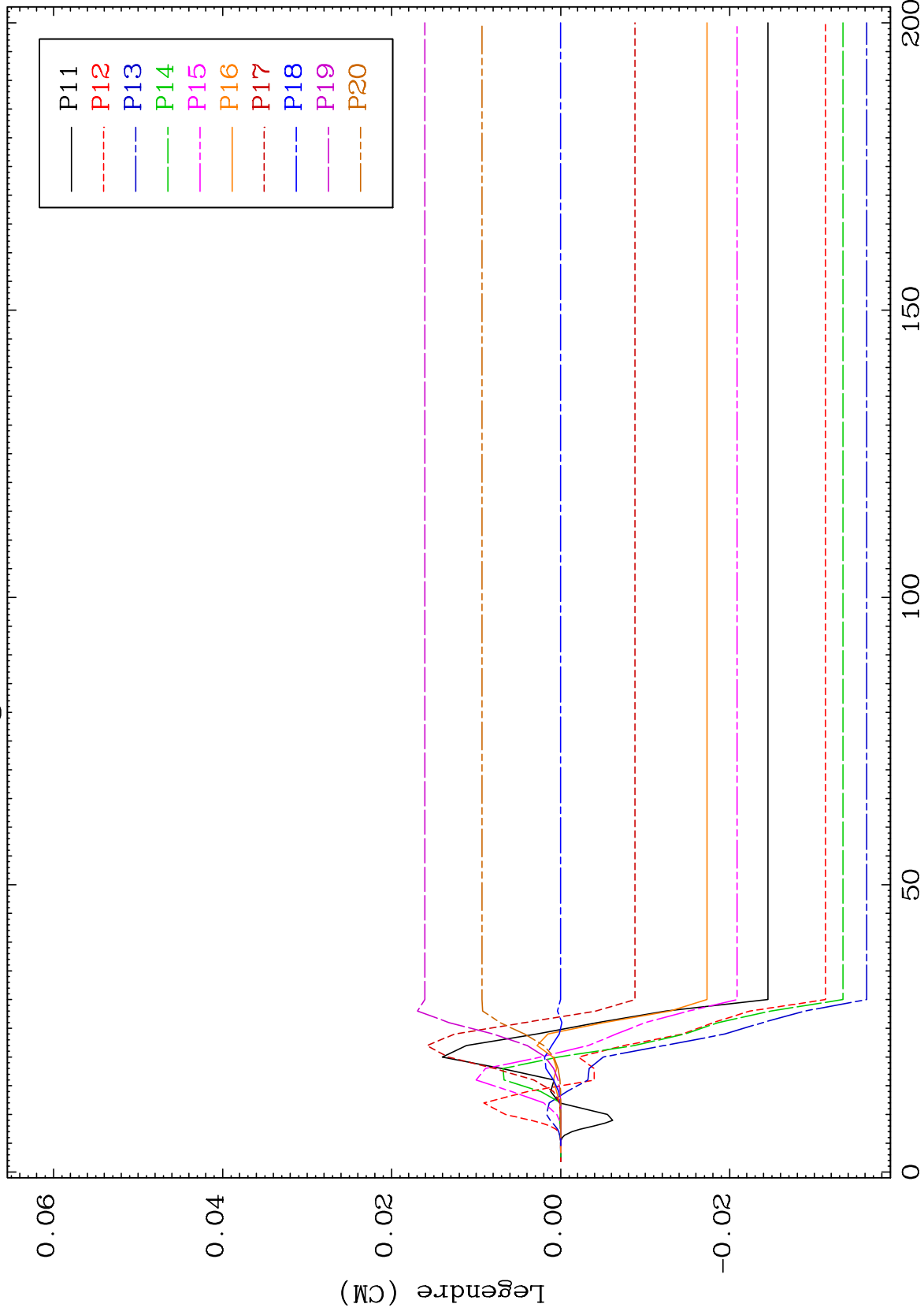
Incident Energy (MeV)

92

MAT 7695

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

77-Ir-181



93

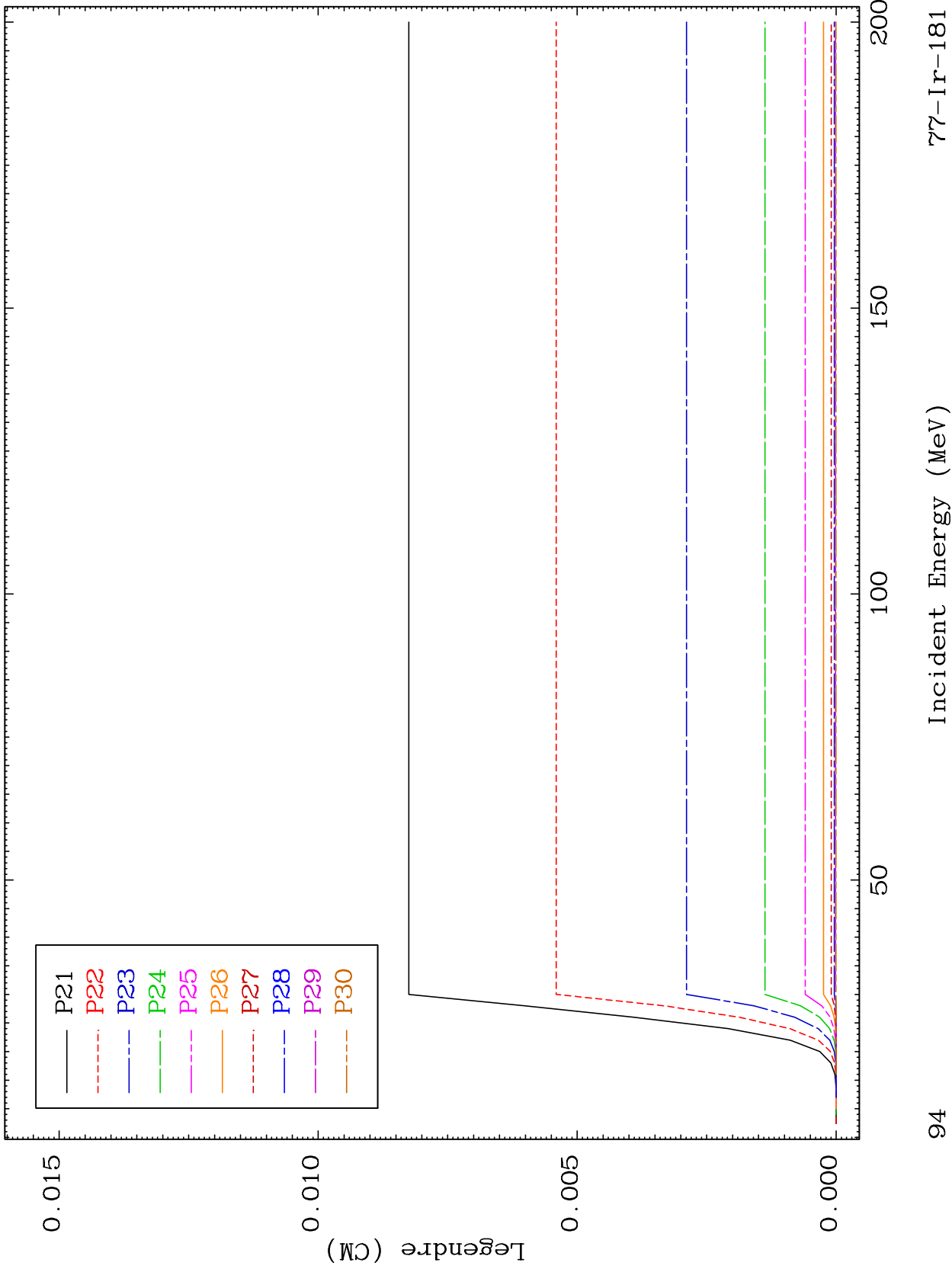
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181

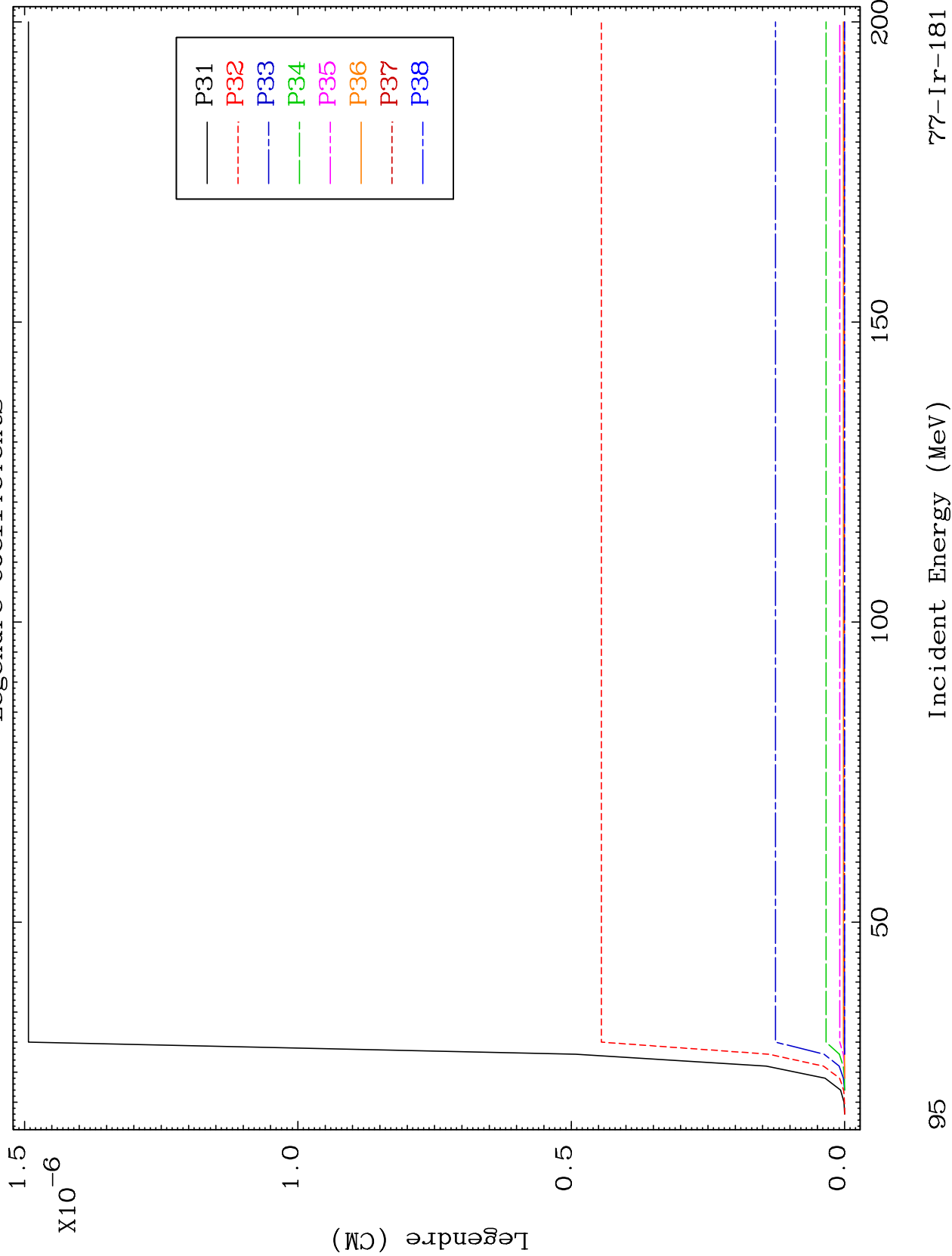


94

MAT 7695

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

77-Ir-181

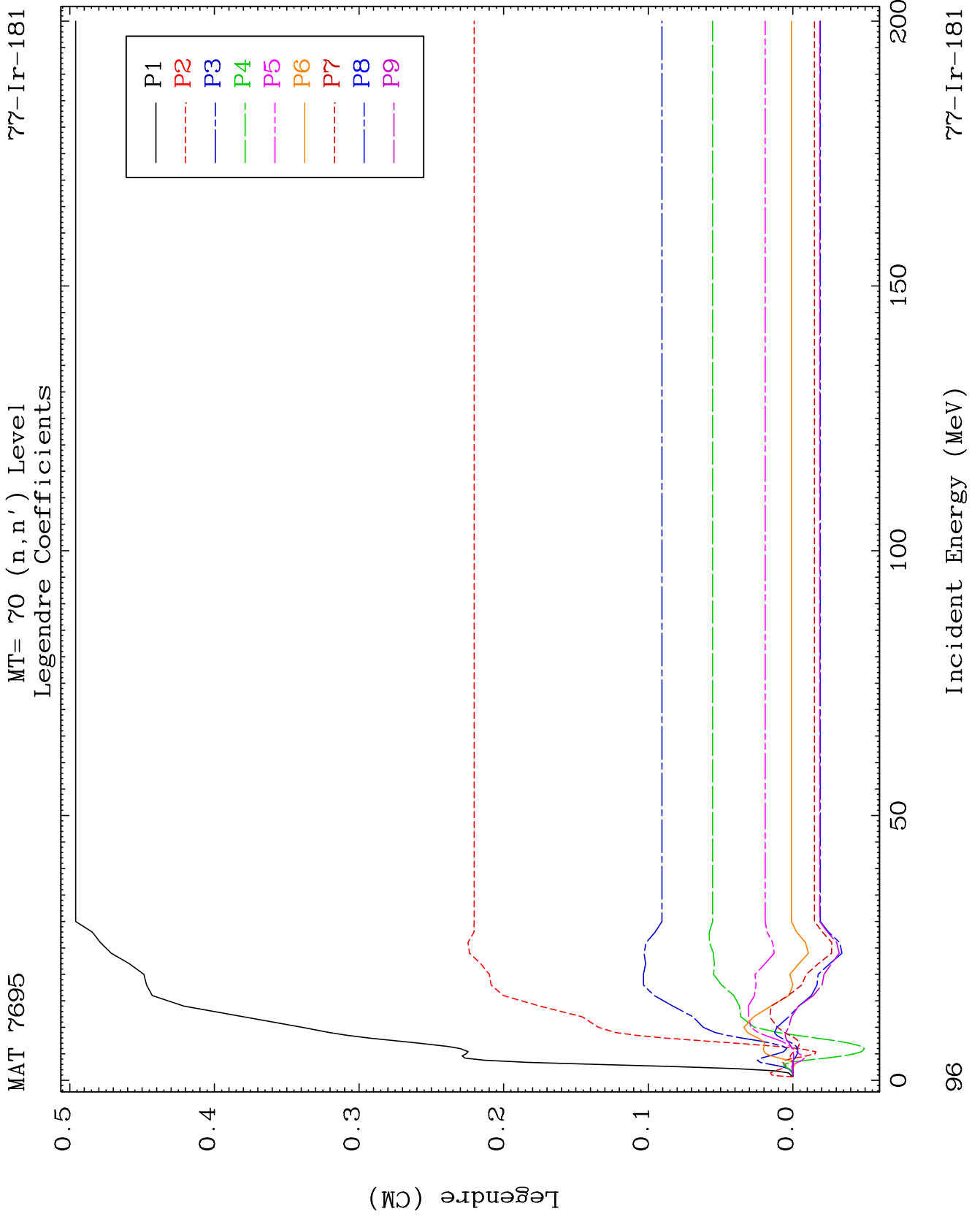


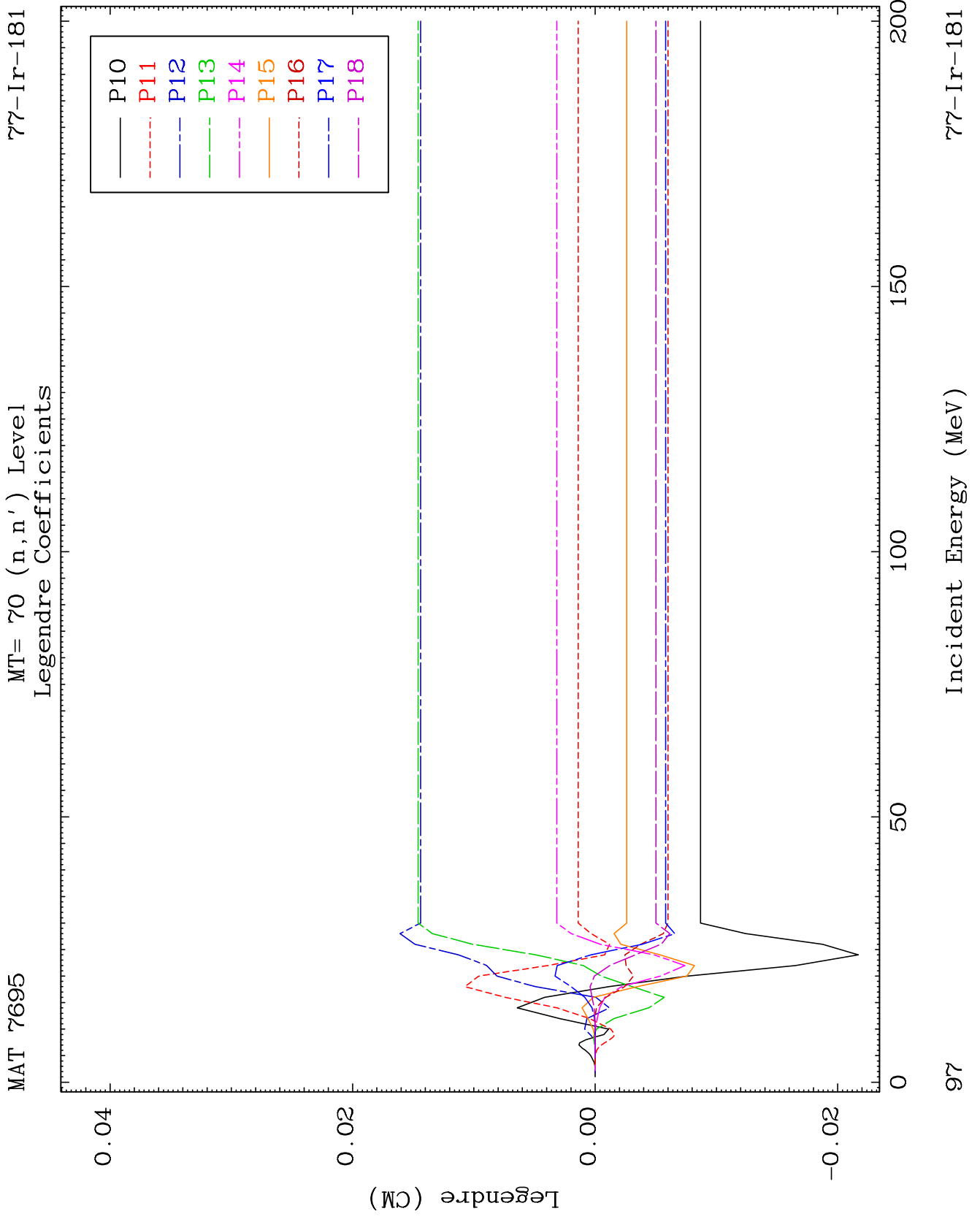
95

Incident Energy (MeV)

77-Ir-181



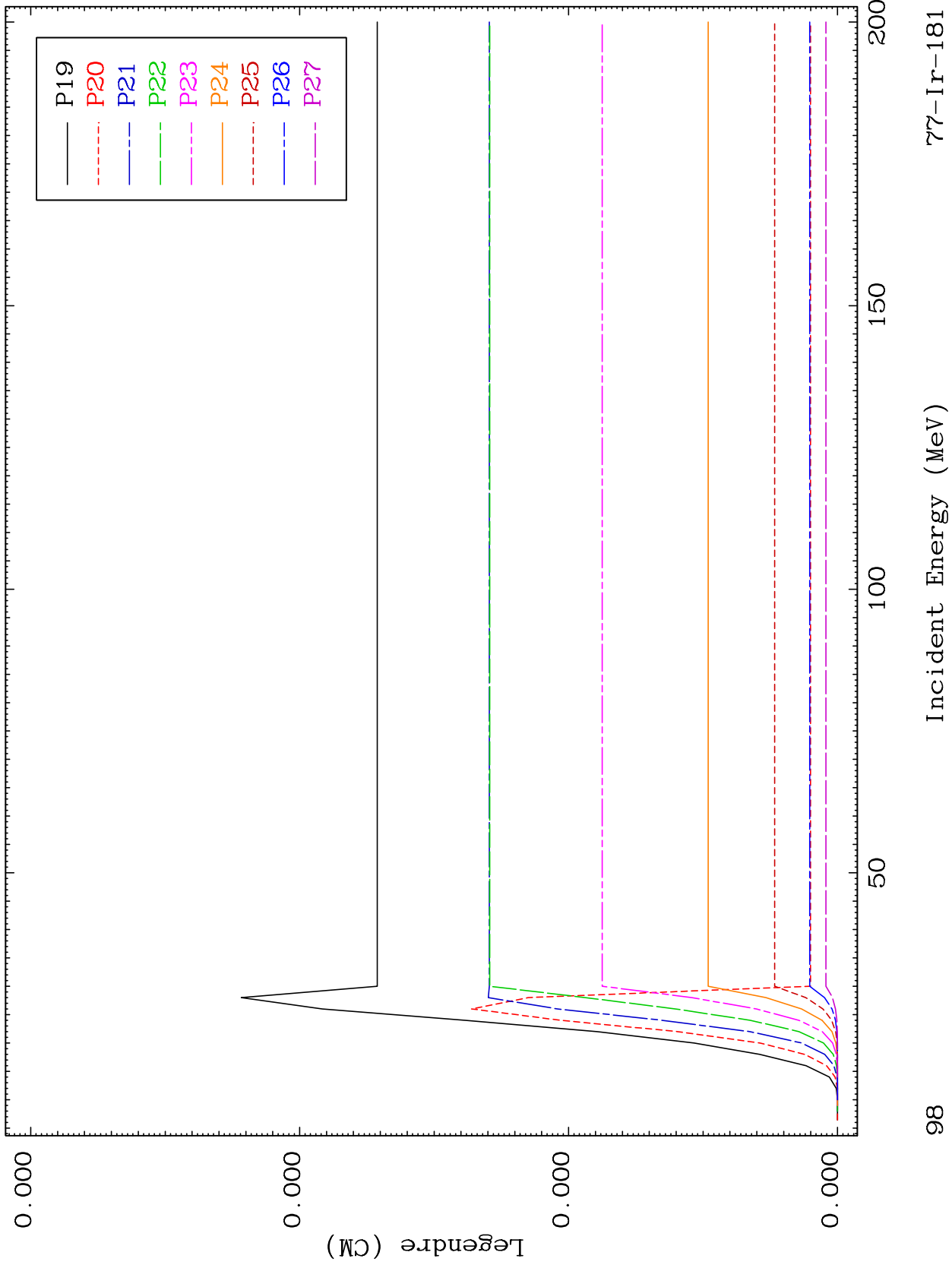




MAT 7695

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

77-Ir-181



98

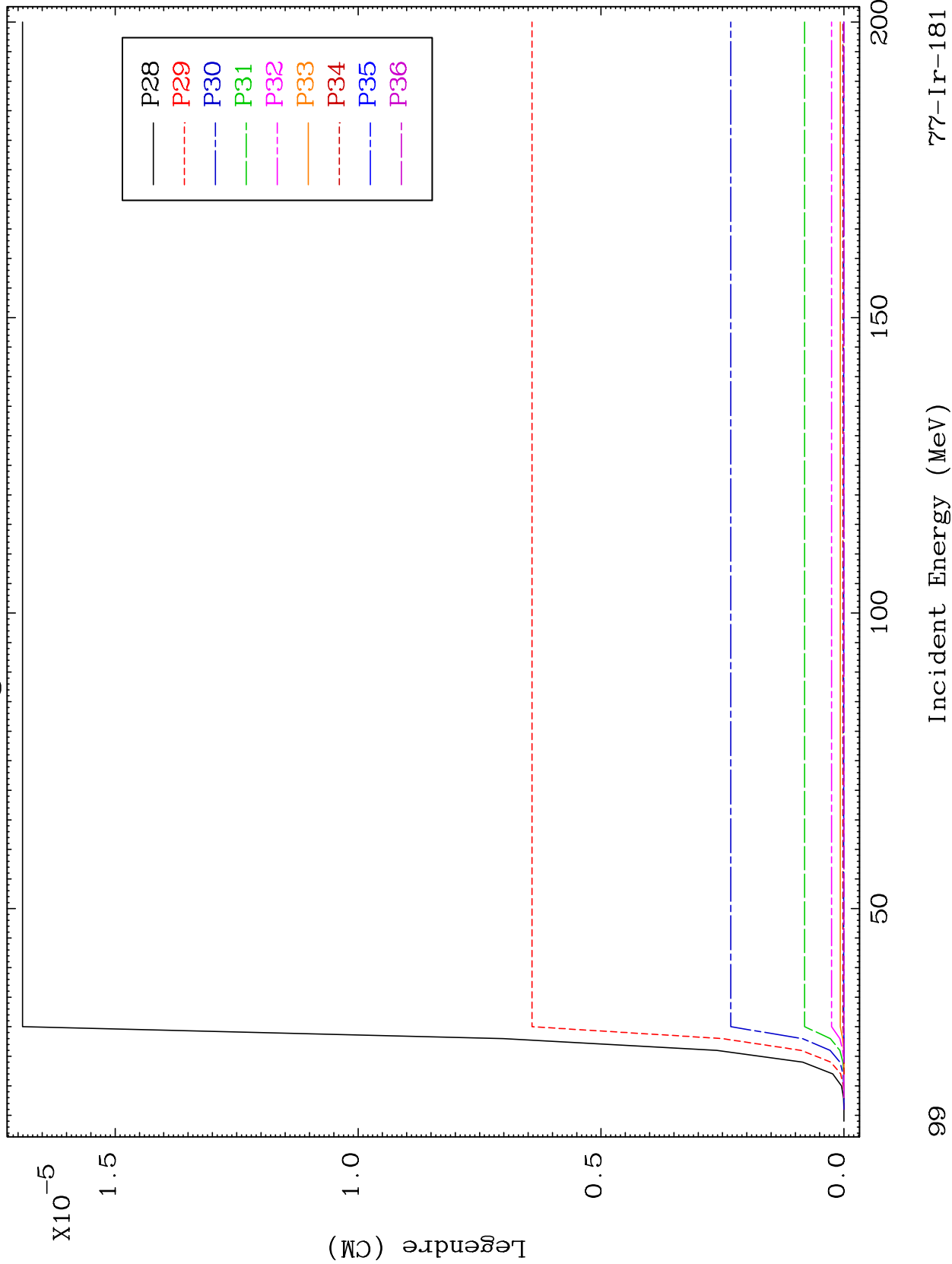
Incident Energy (MeV)

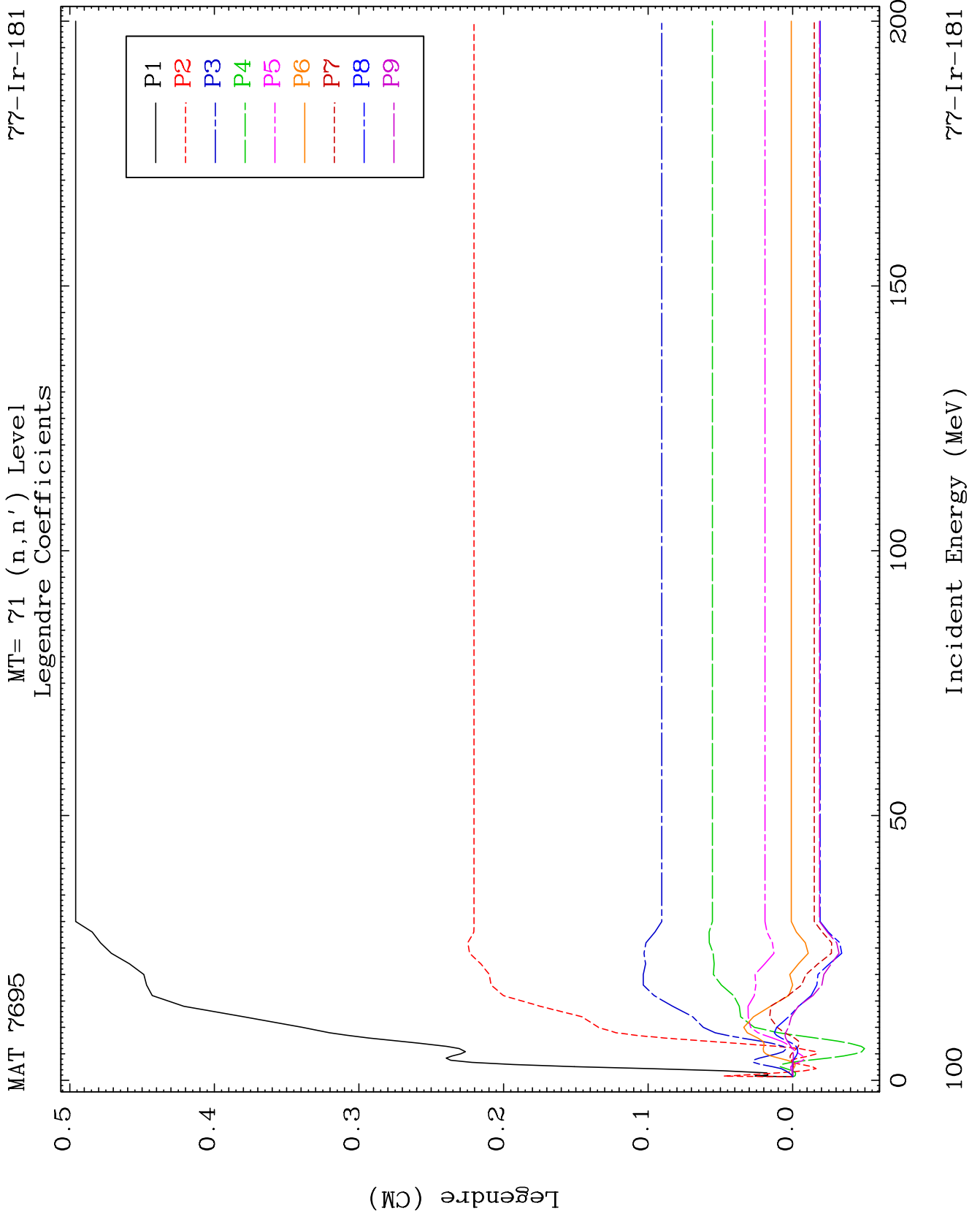
77-Ir-181

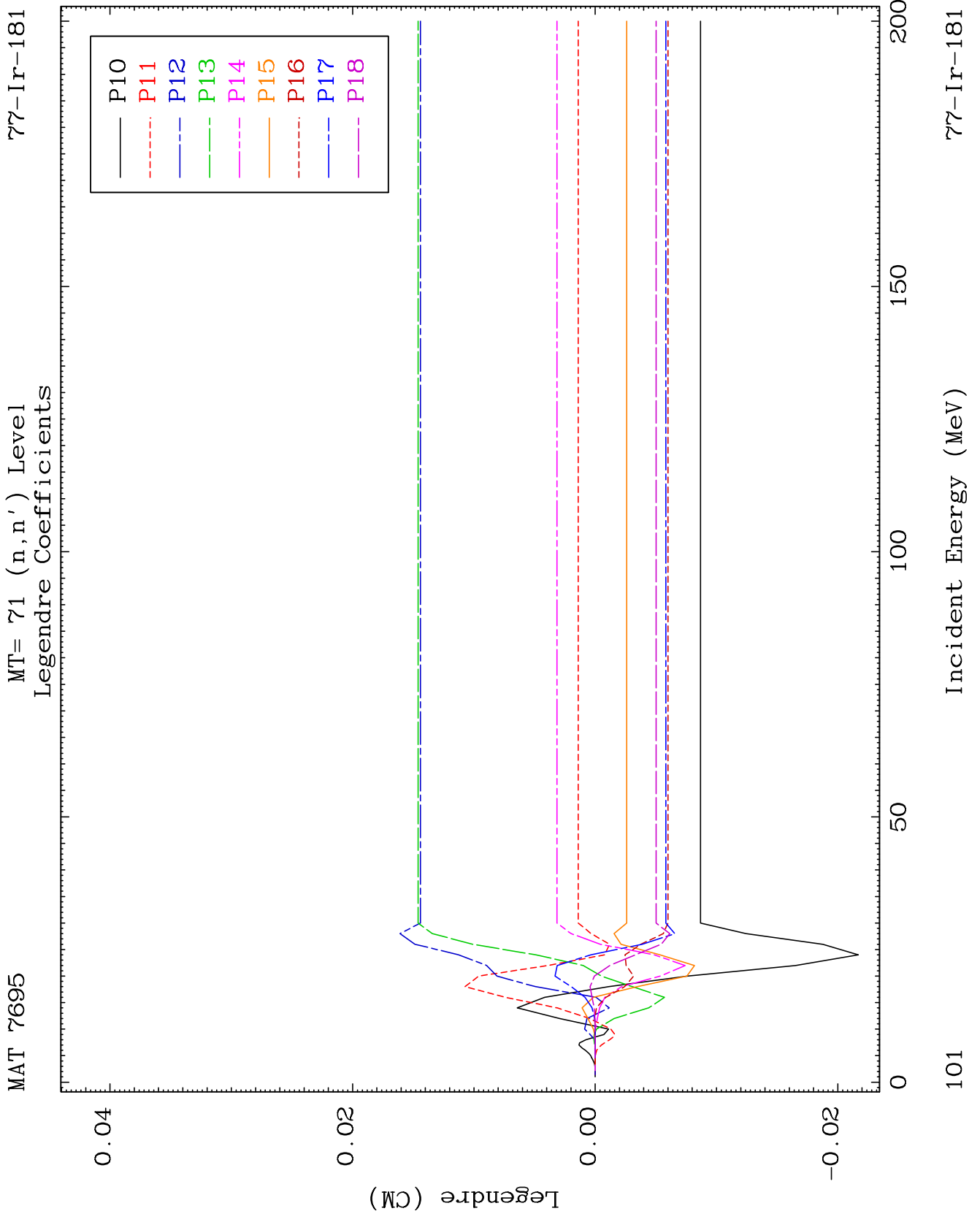
MAT 7695

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

77-Ir-181



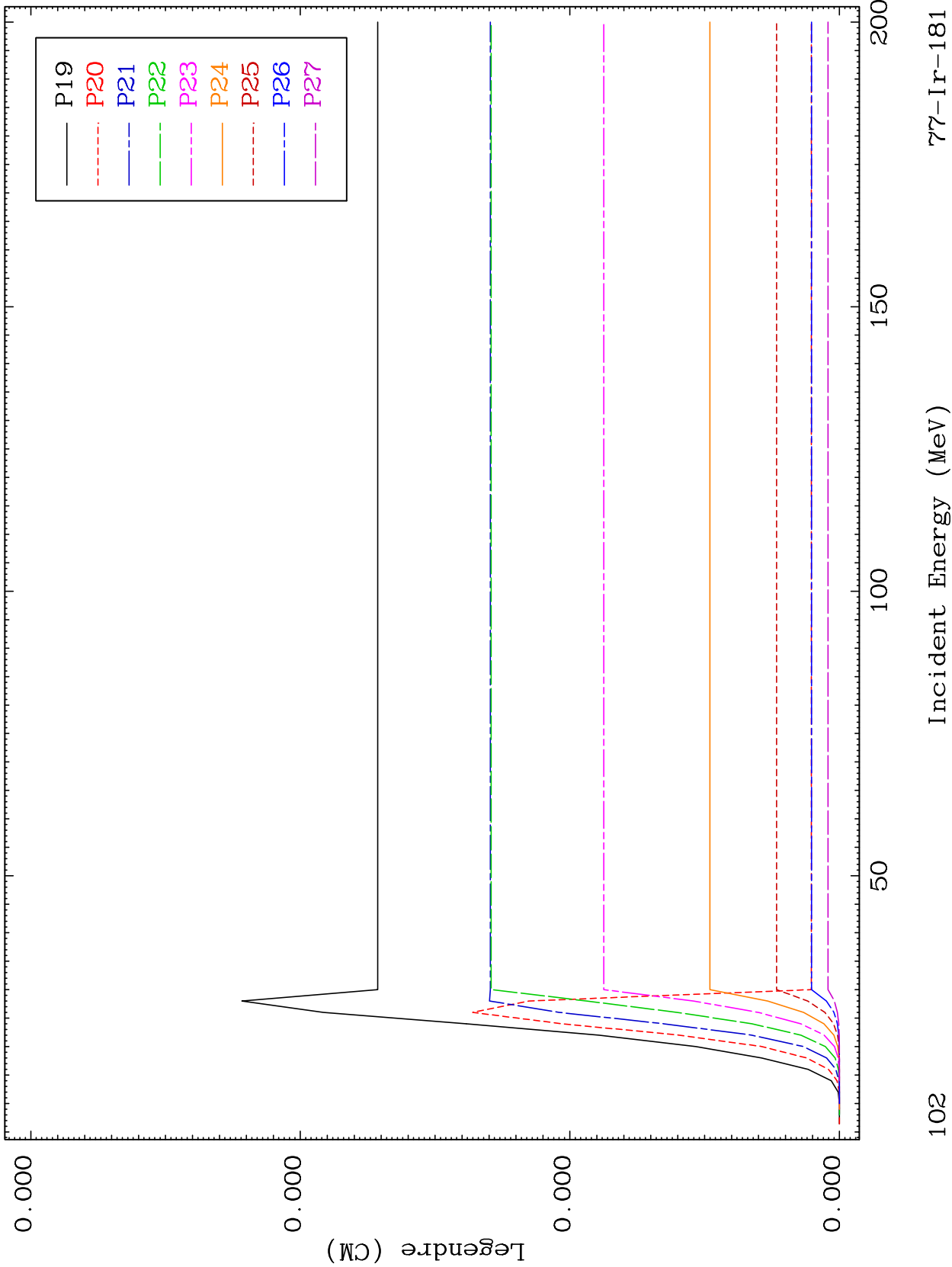




MAT 7695

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

77-Ir-181

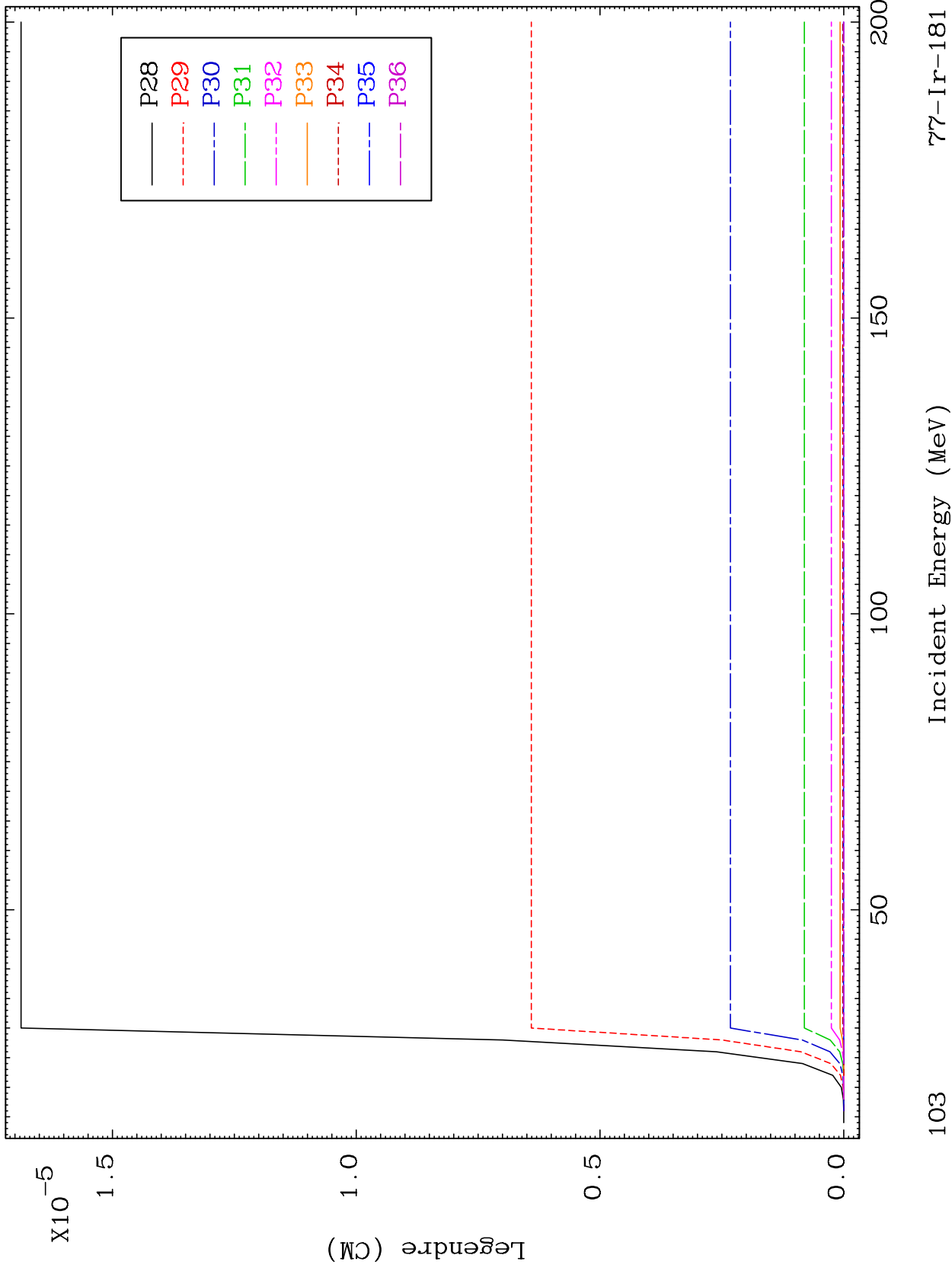


102

MAT 7695

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

77-Ir-181



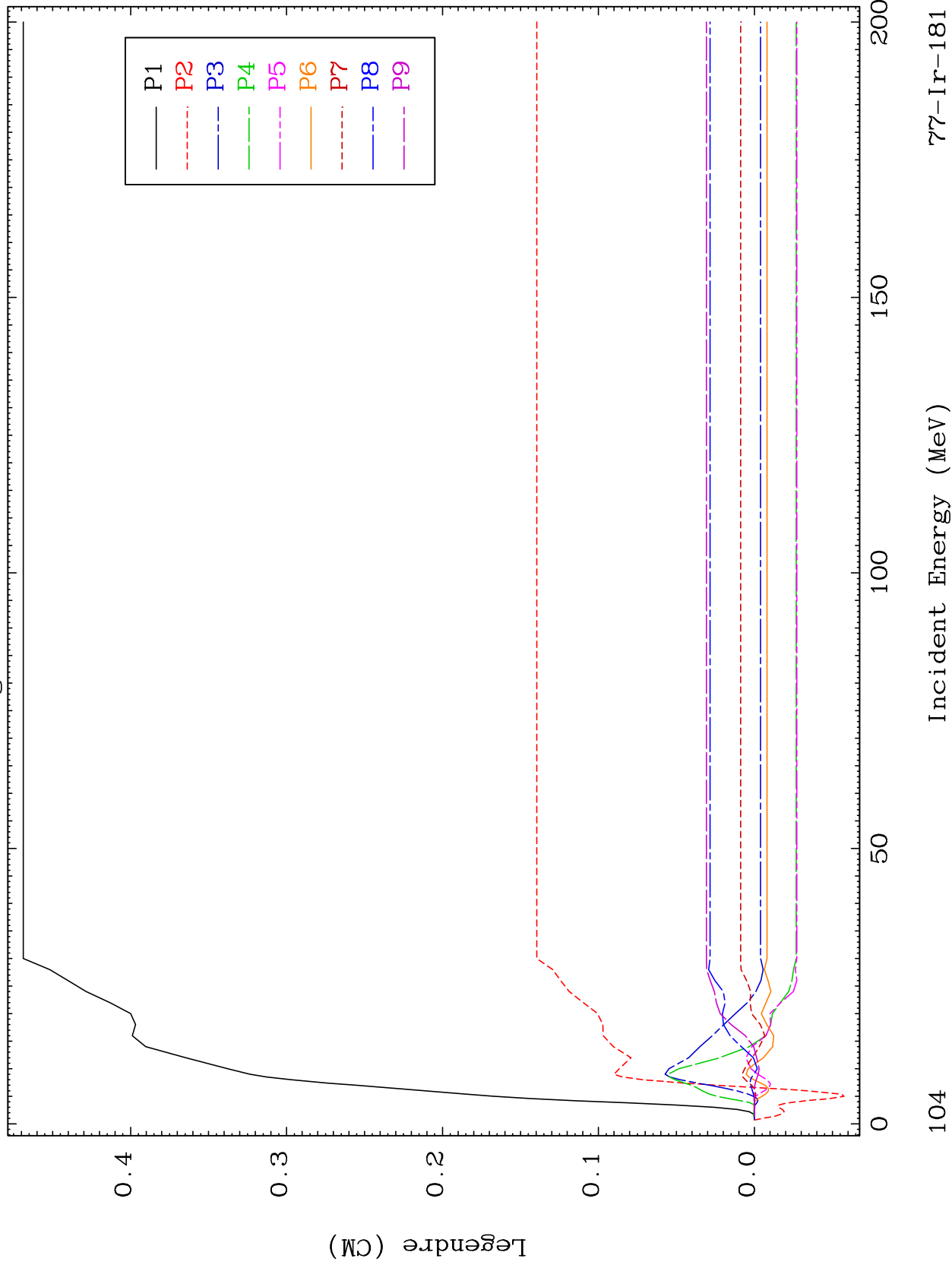
103



MAT 7695

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

77-Ir-181



77-Ir-181

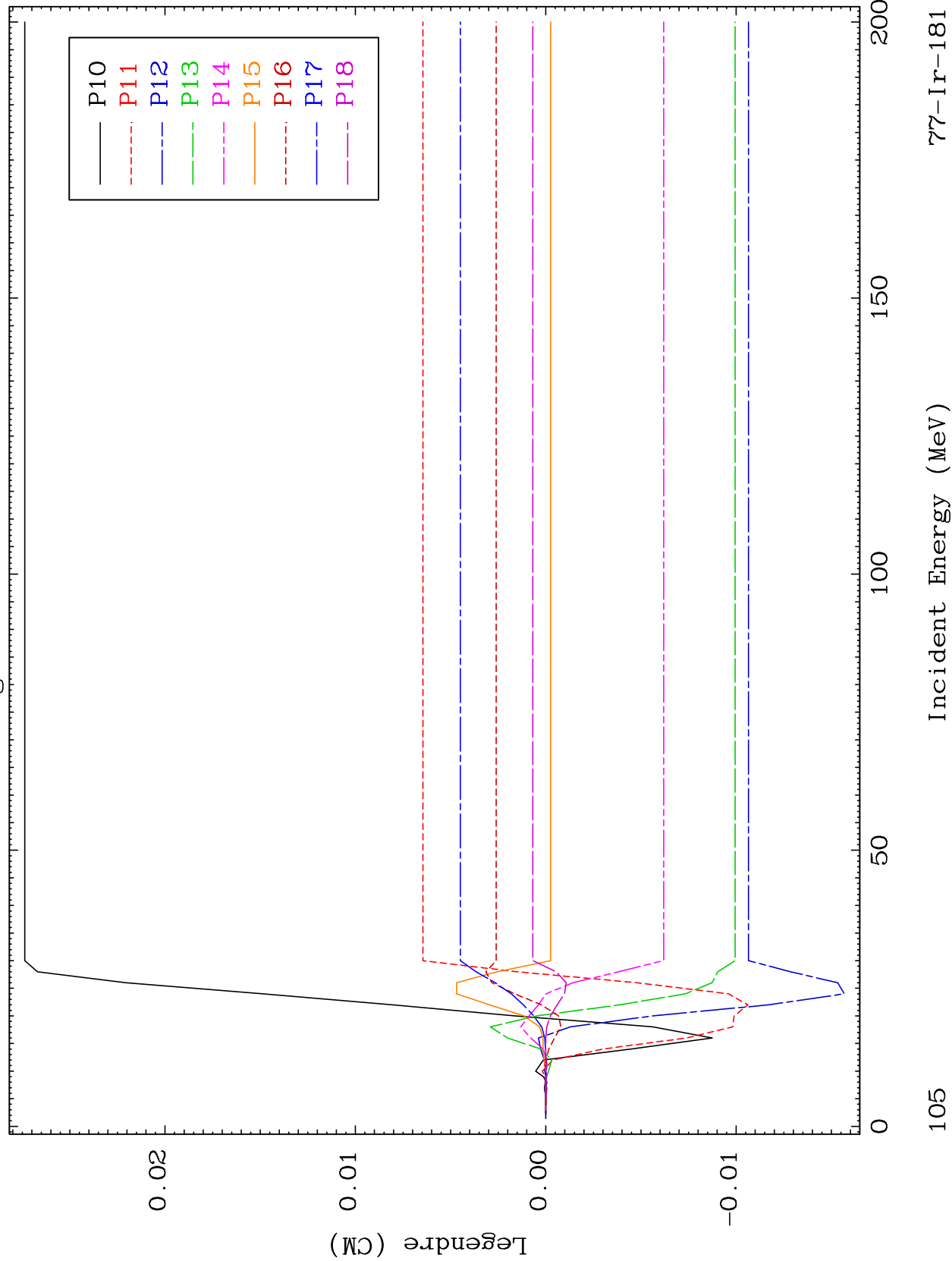
Incident Energy (MeV)

104

MAT 7695

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

77-Ir-181



77-Ir-181

Incident Energy (MeV)

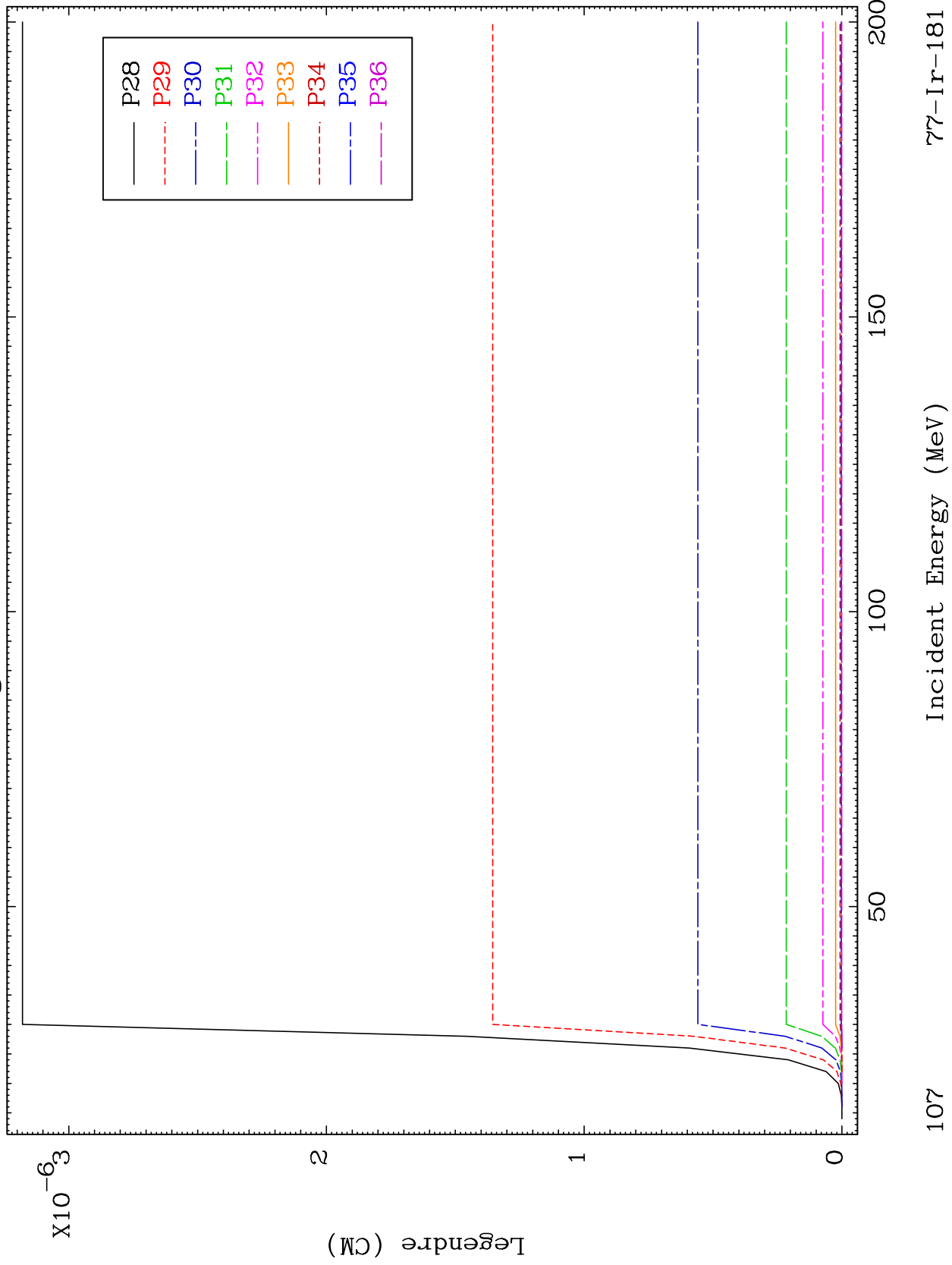
105



MAT 7695

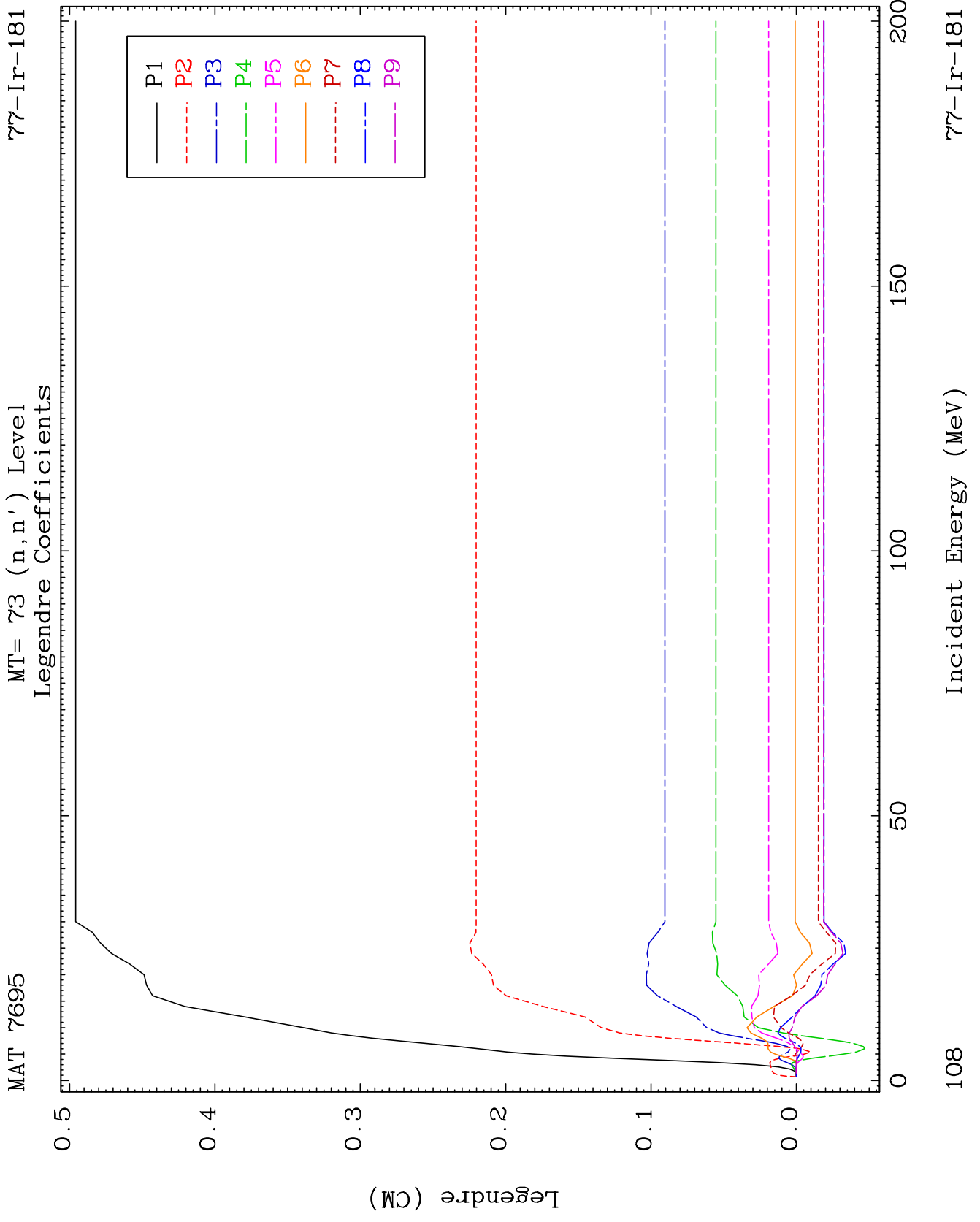
MT= 72 (n,n') Level  
Legendre Coefficients

77-Ir-181



107

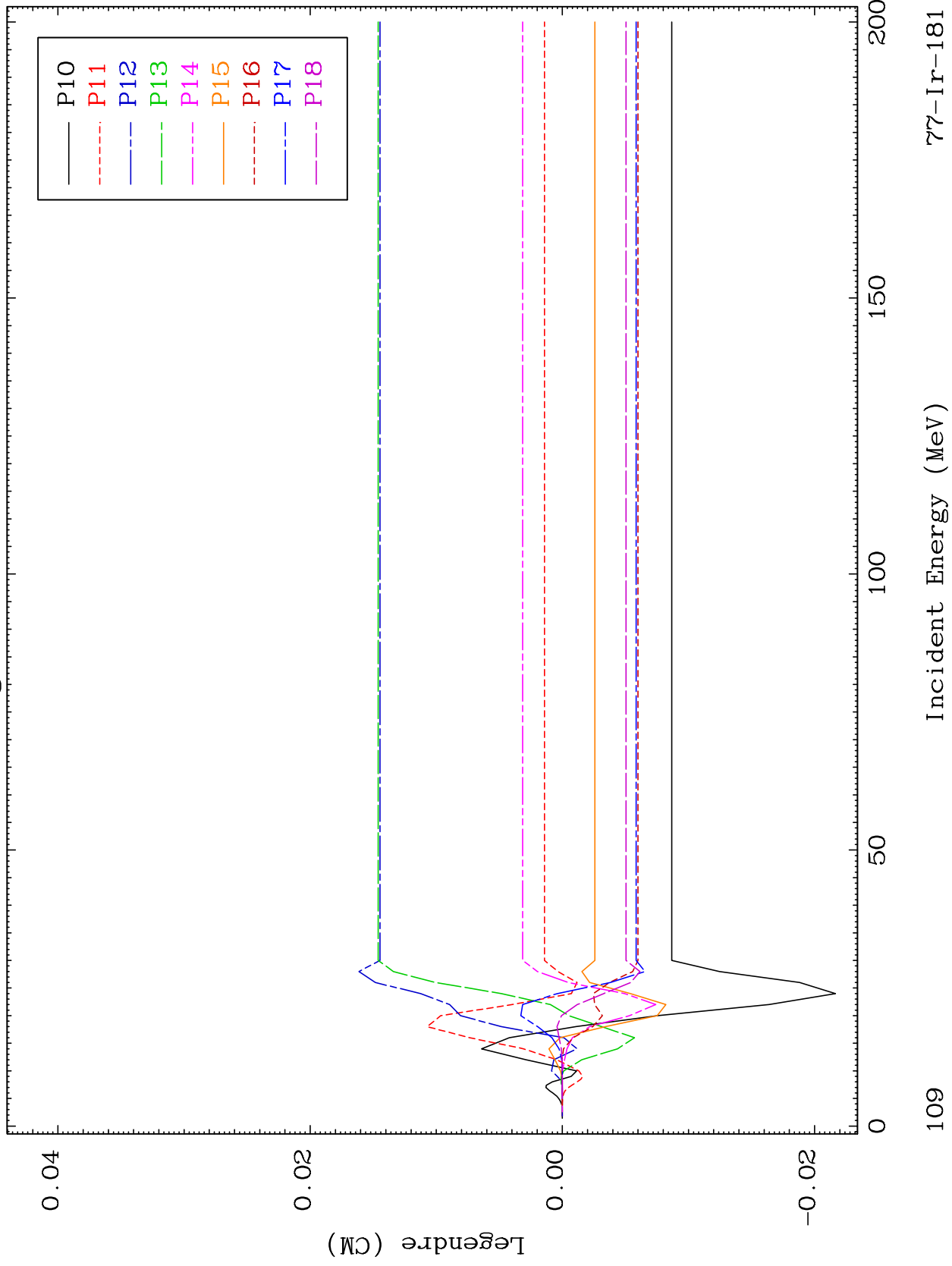
77-Ir-181



MAT 7695

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

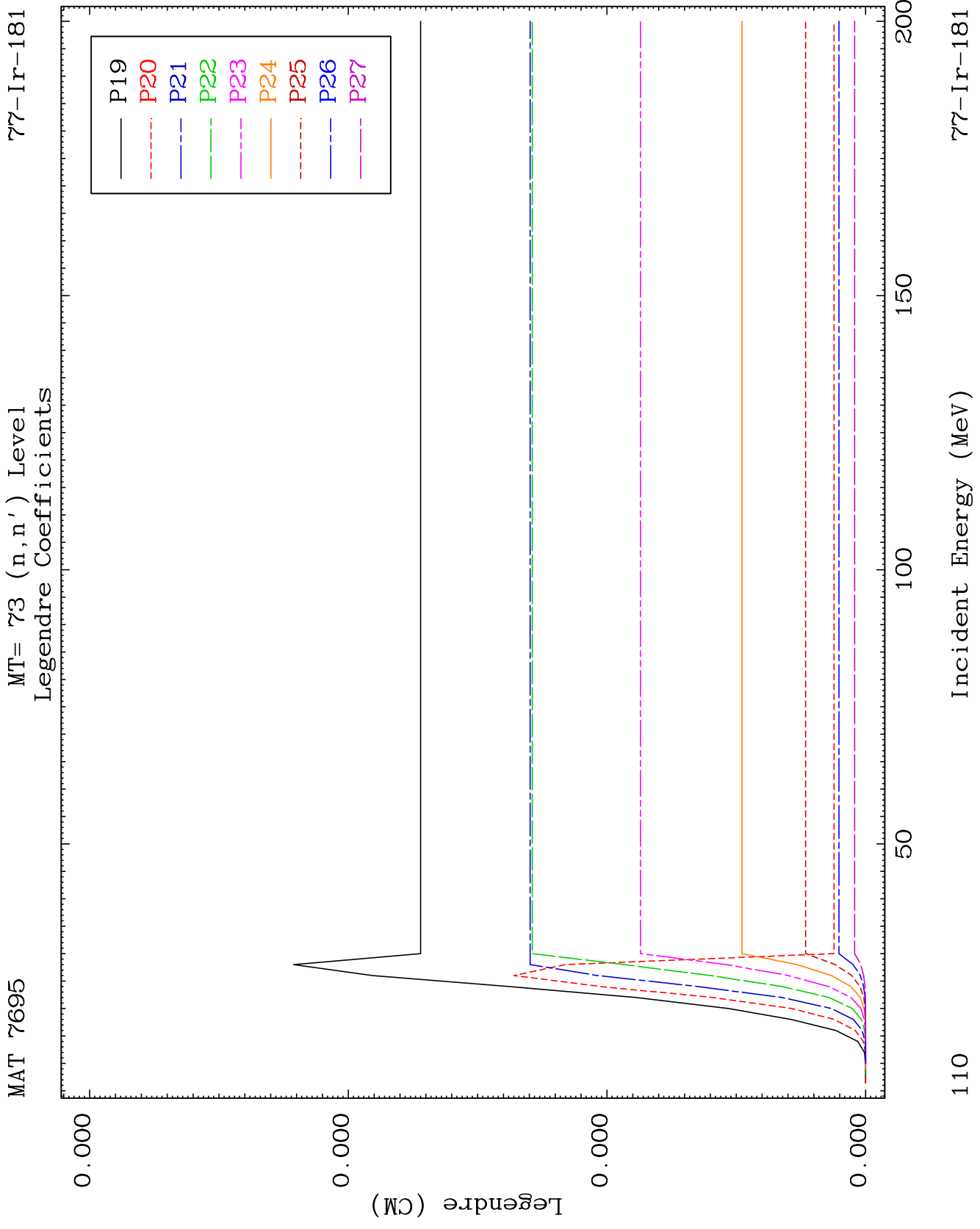
77-Ir-181



77-Ir-181

Incident Energy (MeV)

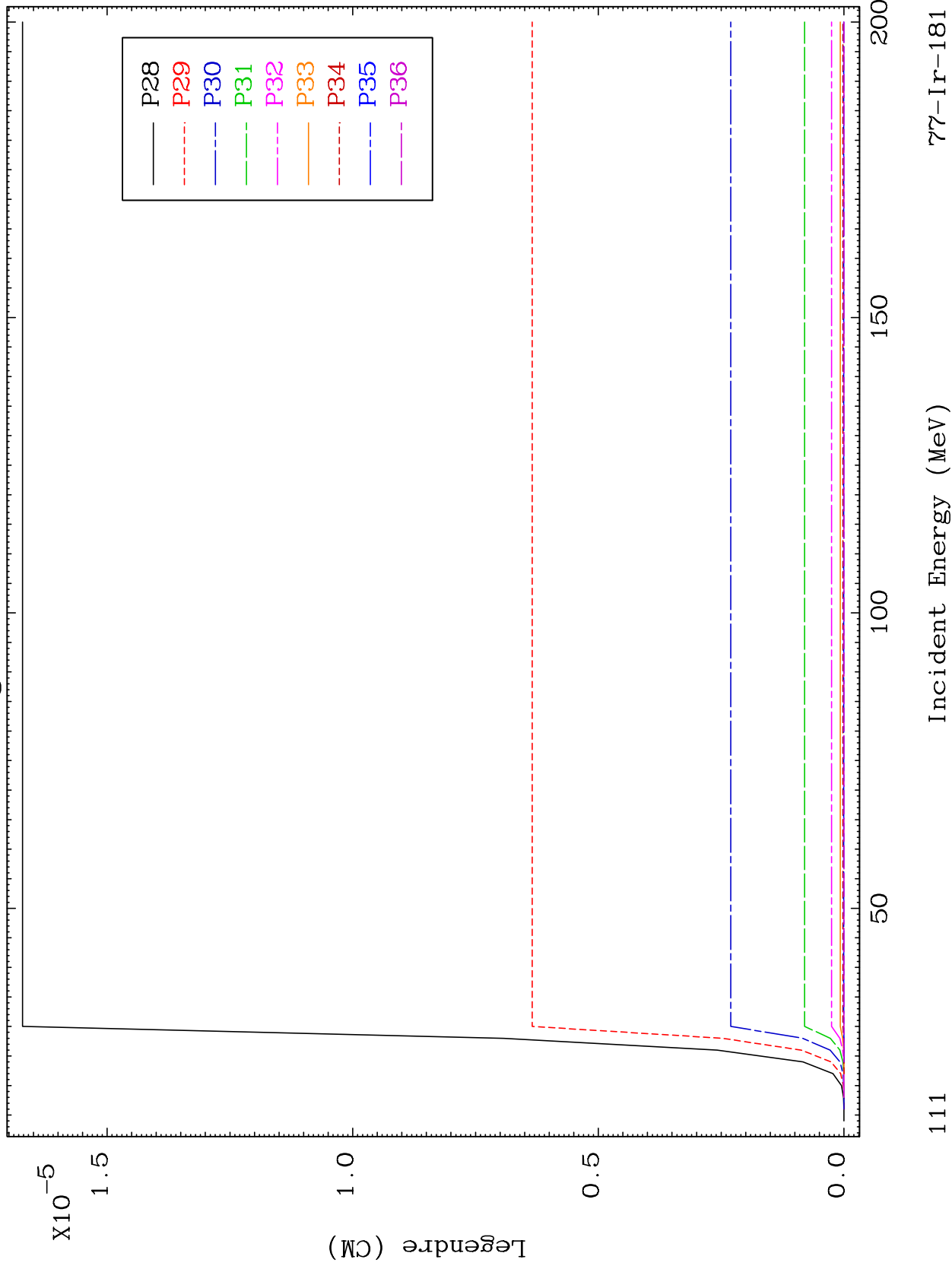
109



MAT 7695

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

77-Ir-181

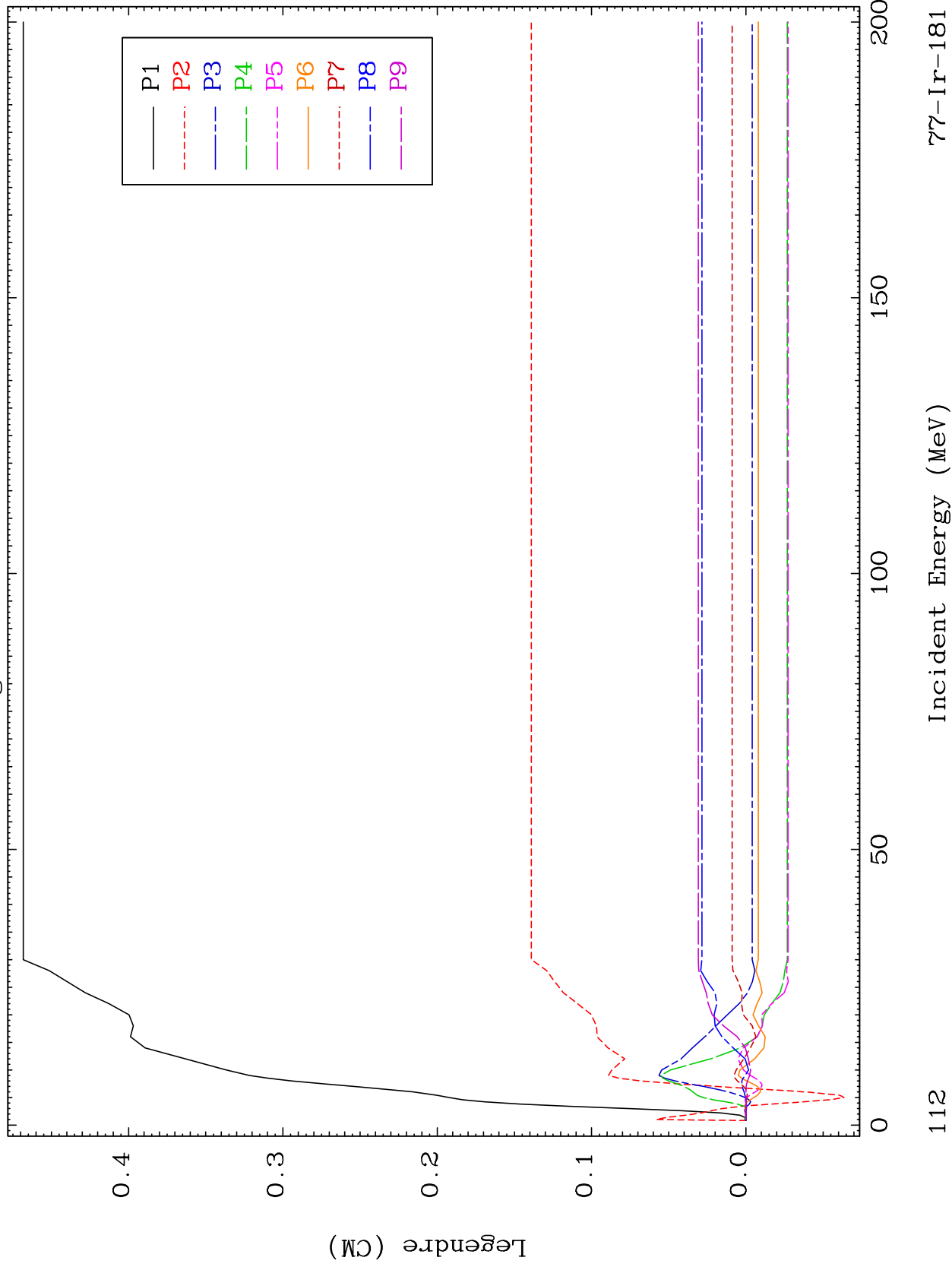




MAT 7695

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

77-Ir-181



77-Ir-181

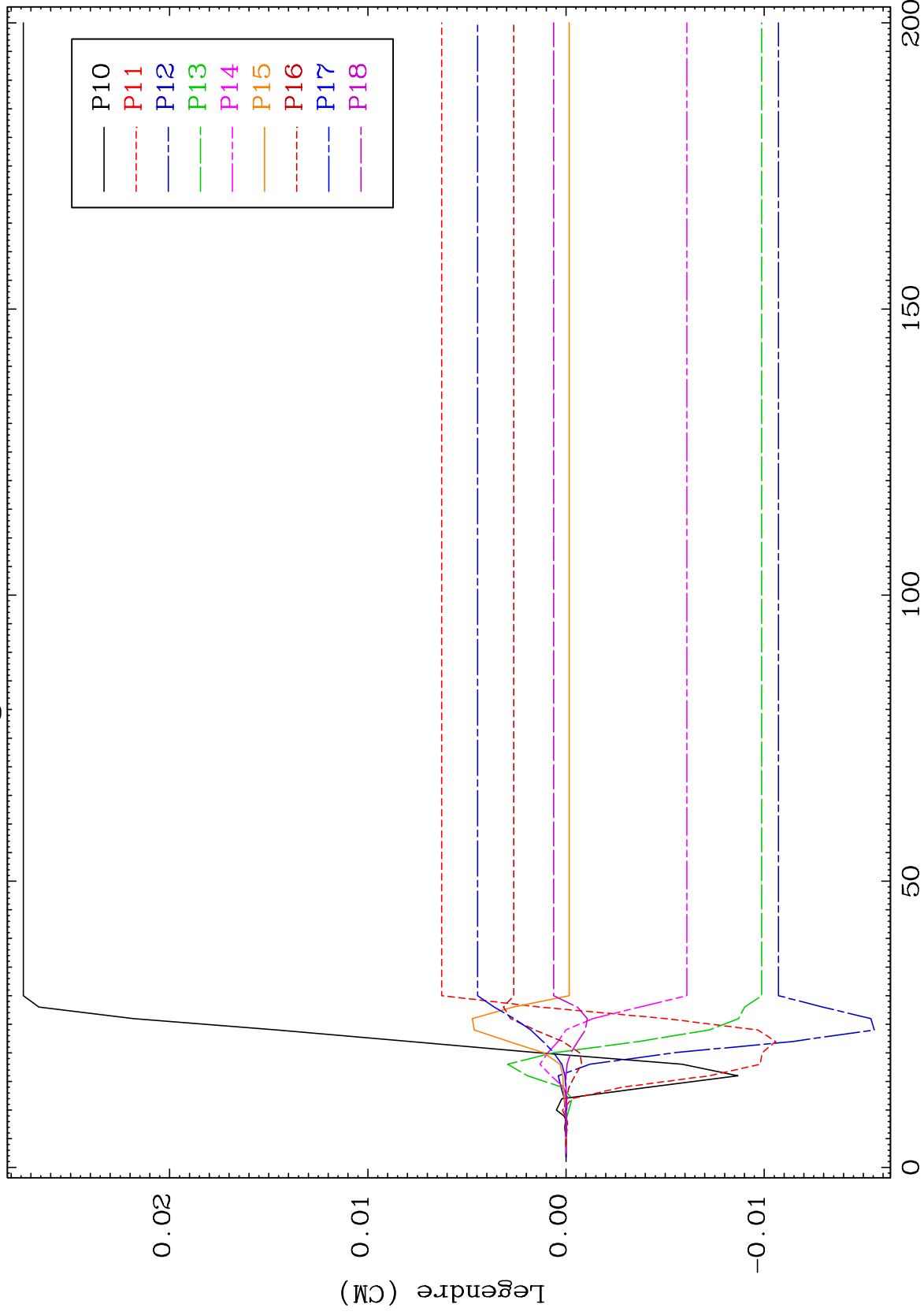
Incident Energy (MeV)

112

MAT 7695

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

77-Ir-181



113

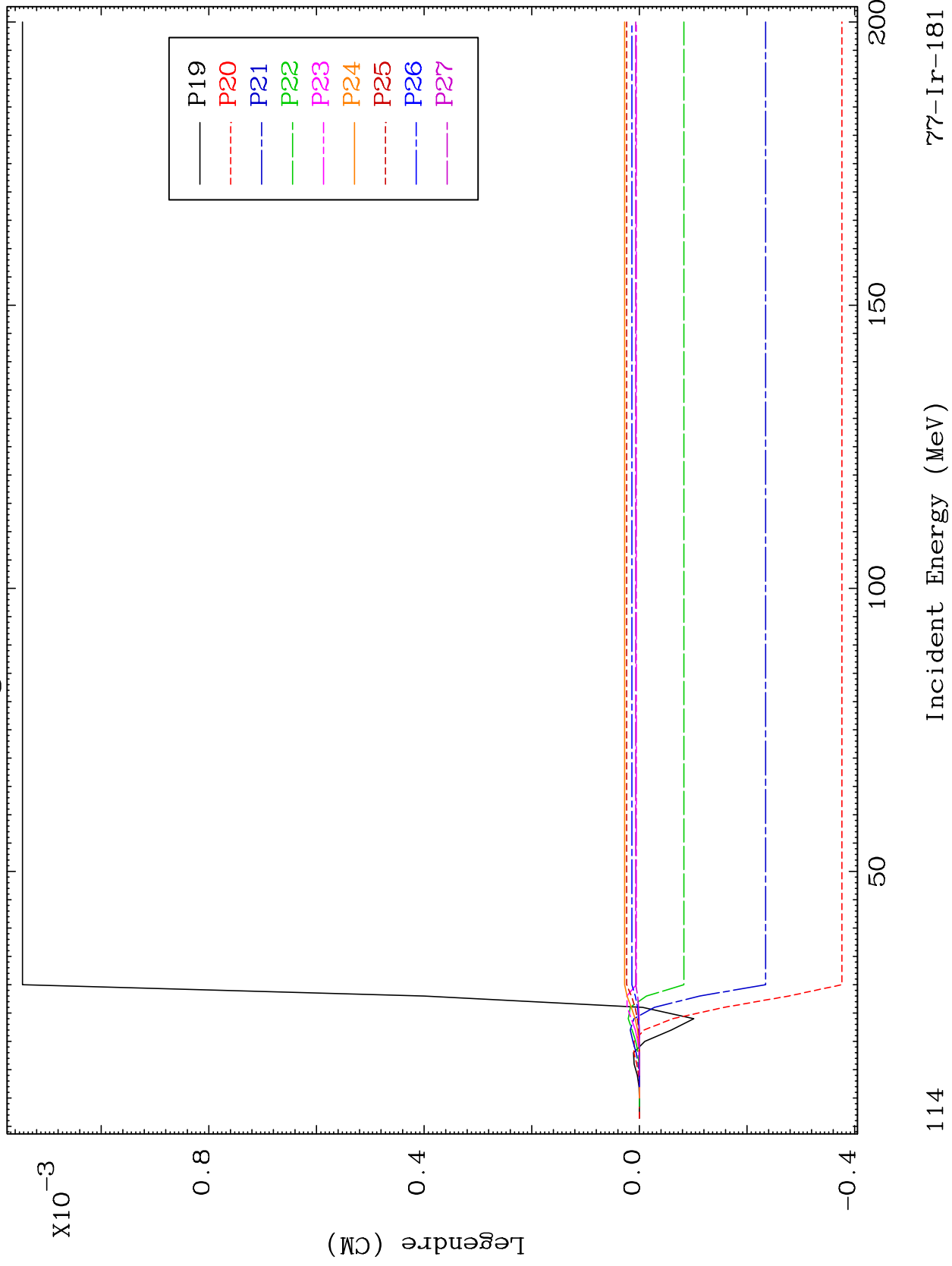
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



114

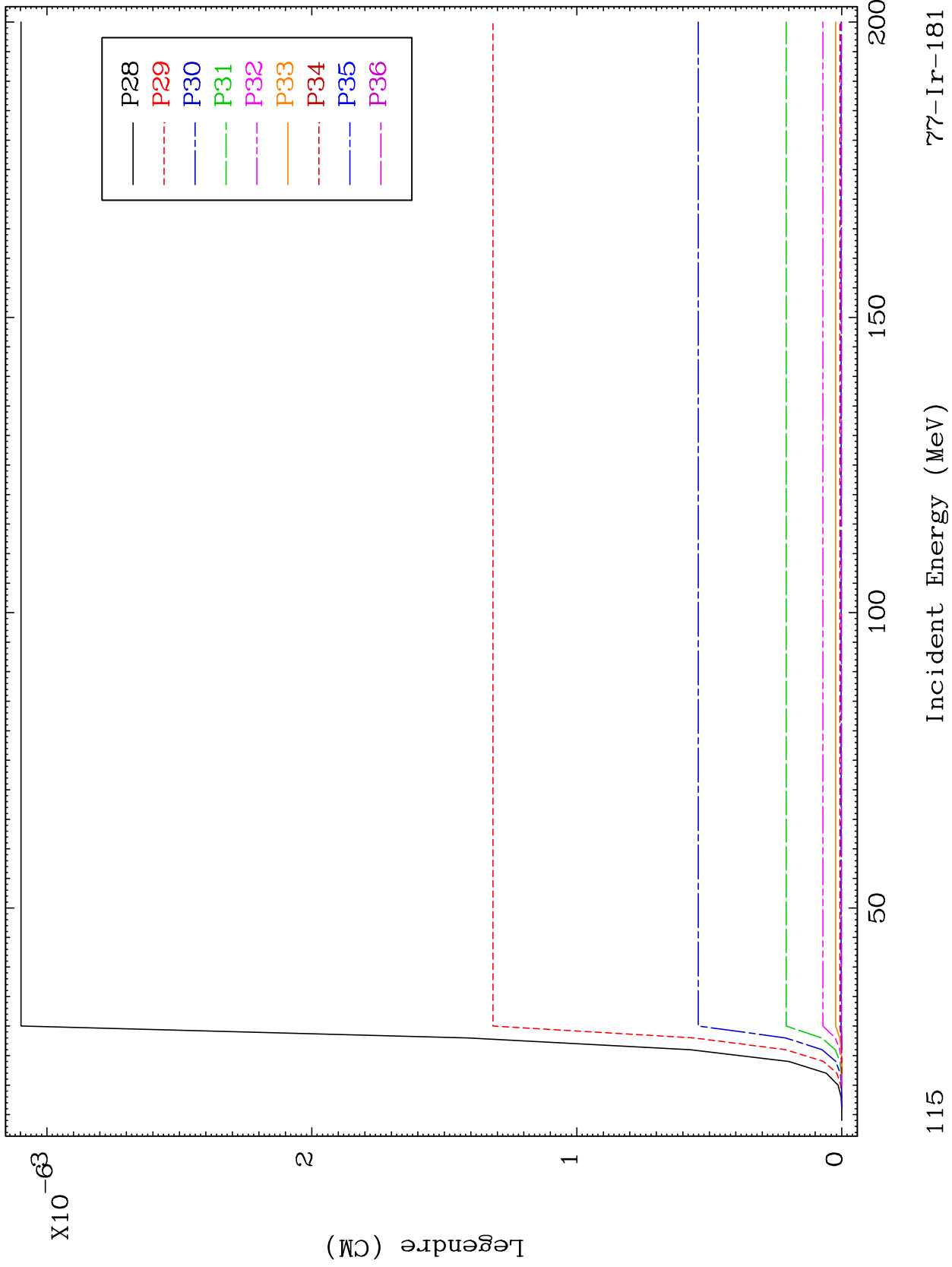
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

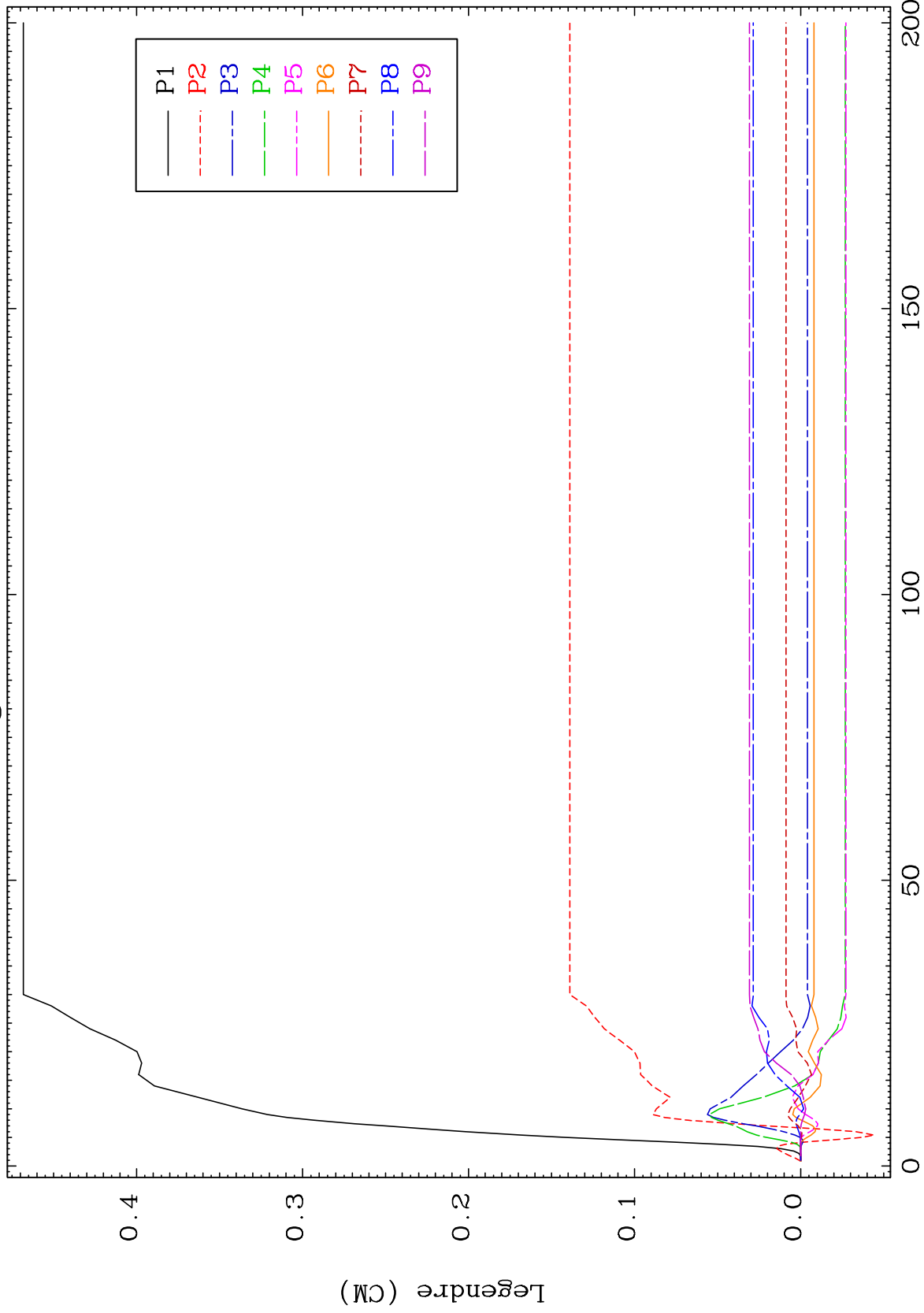
<sup>77</sup>Ir-181



MAT 7695

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

77-Ir-181



116

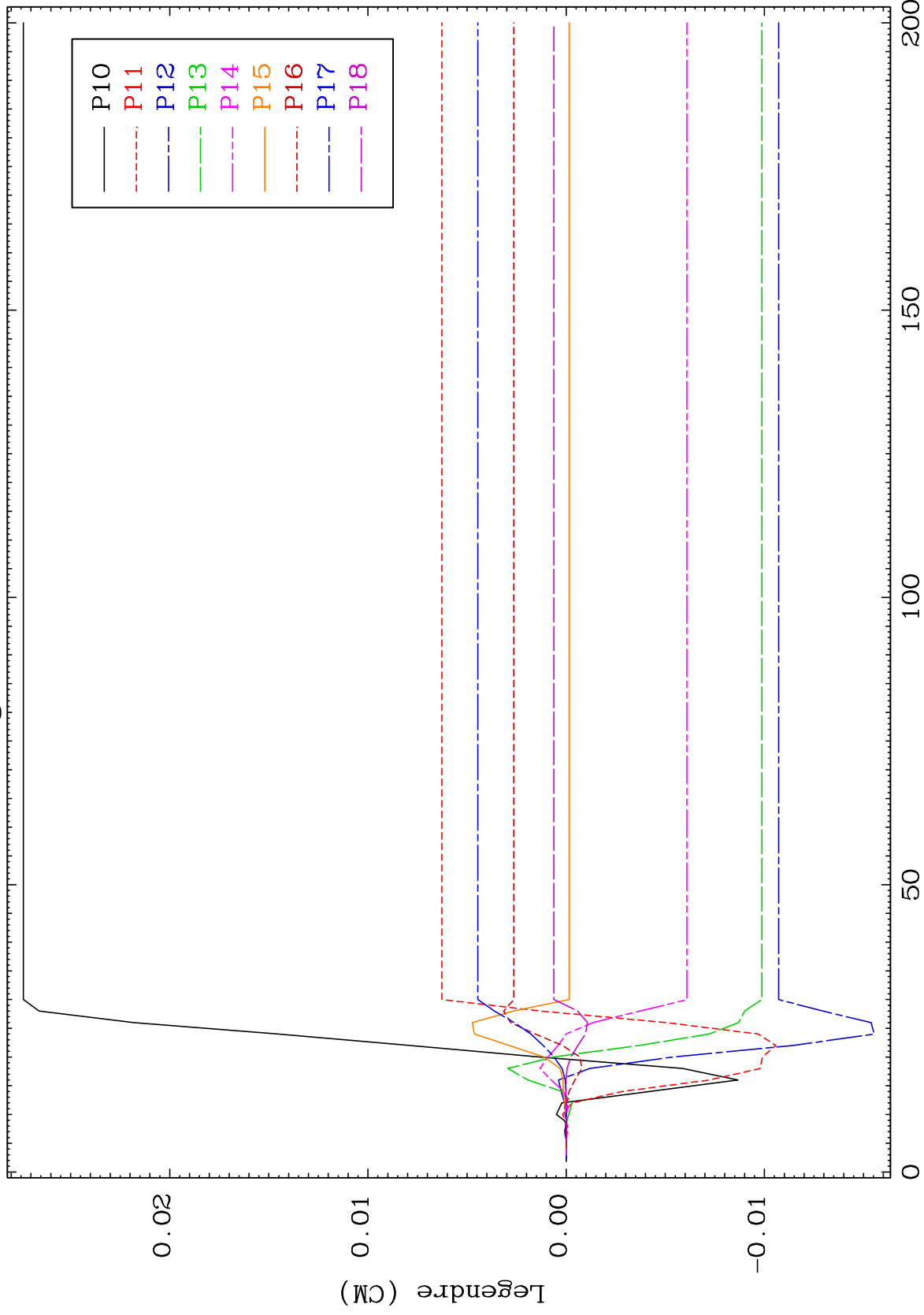
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



117

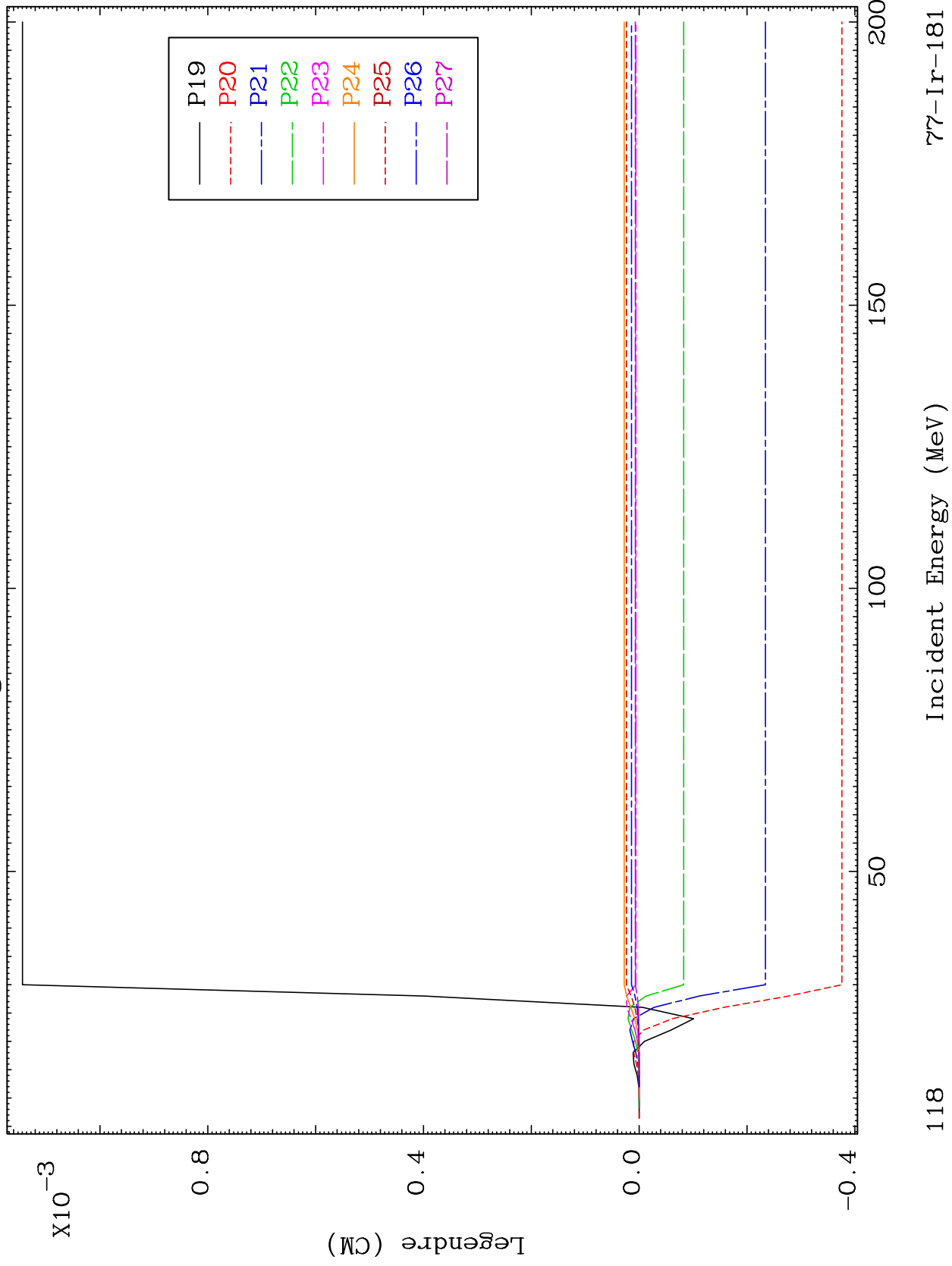
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



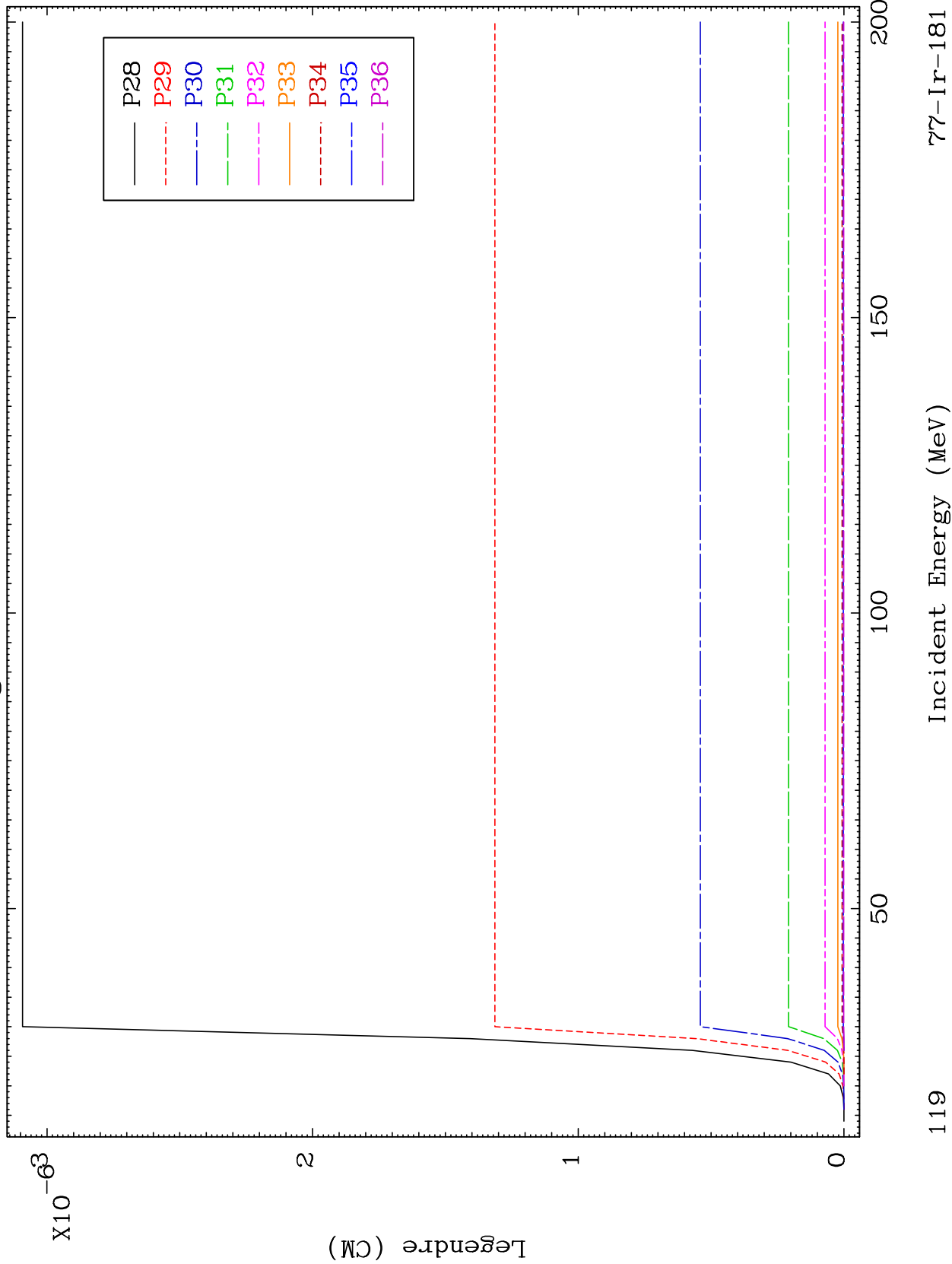
118

77-Ir-181

MAT 7695

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

77-Ir-181



119

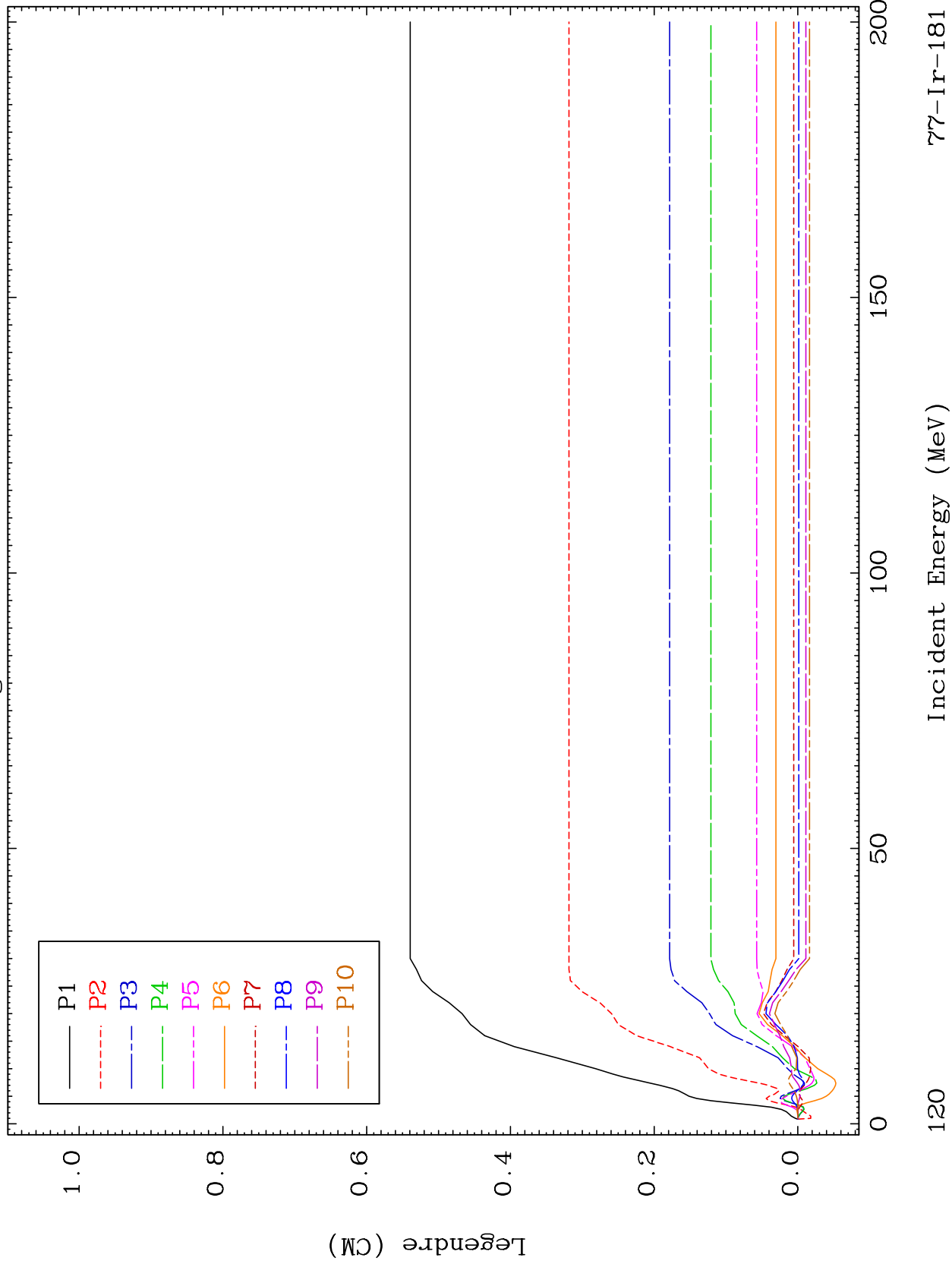
77-Ir-181



MAT 7695

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

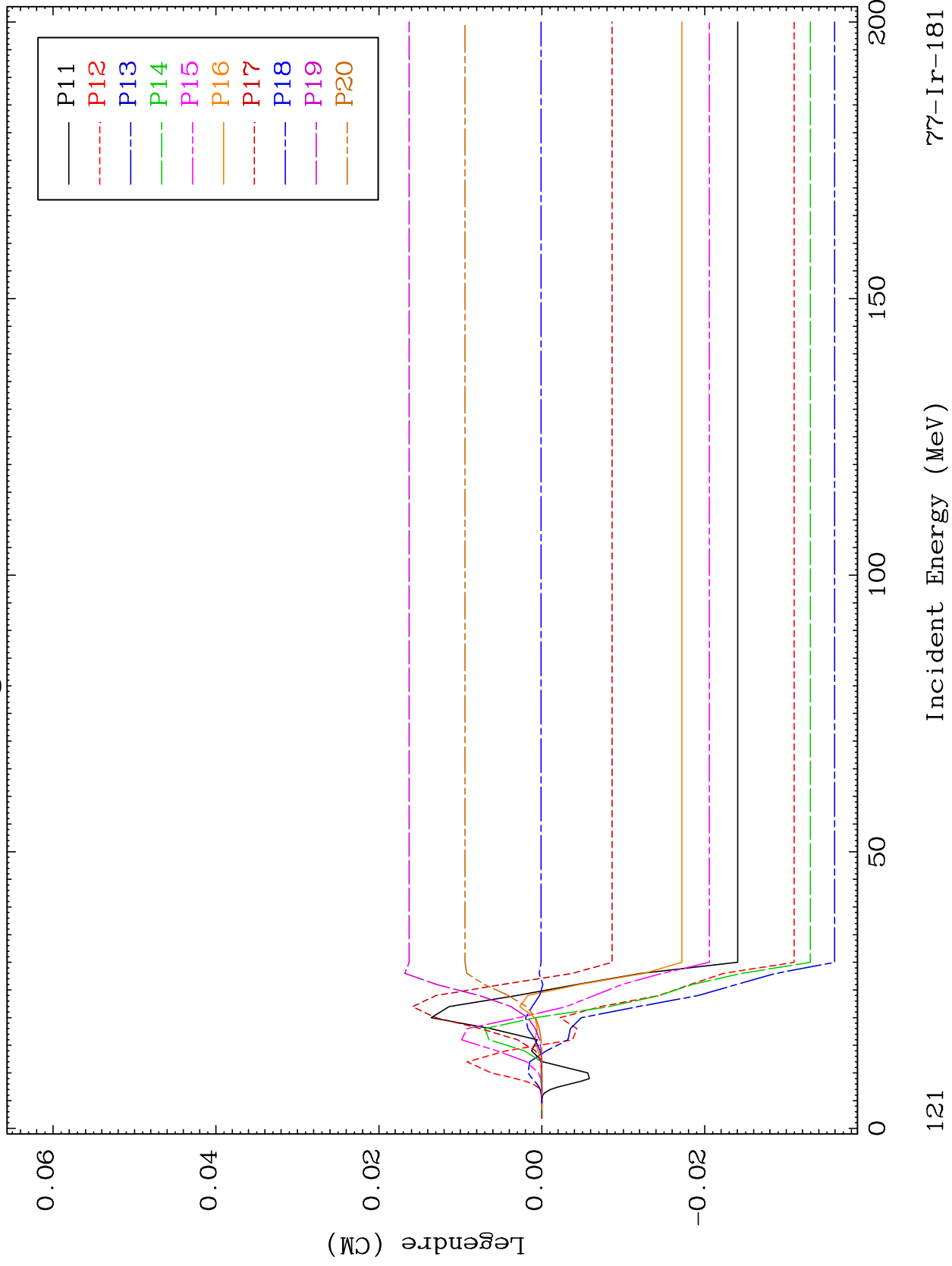
<sup>77</sup>Ir-181



MAT 7695

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

77-Ir-181



121

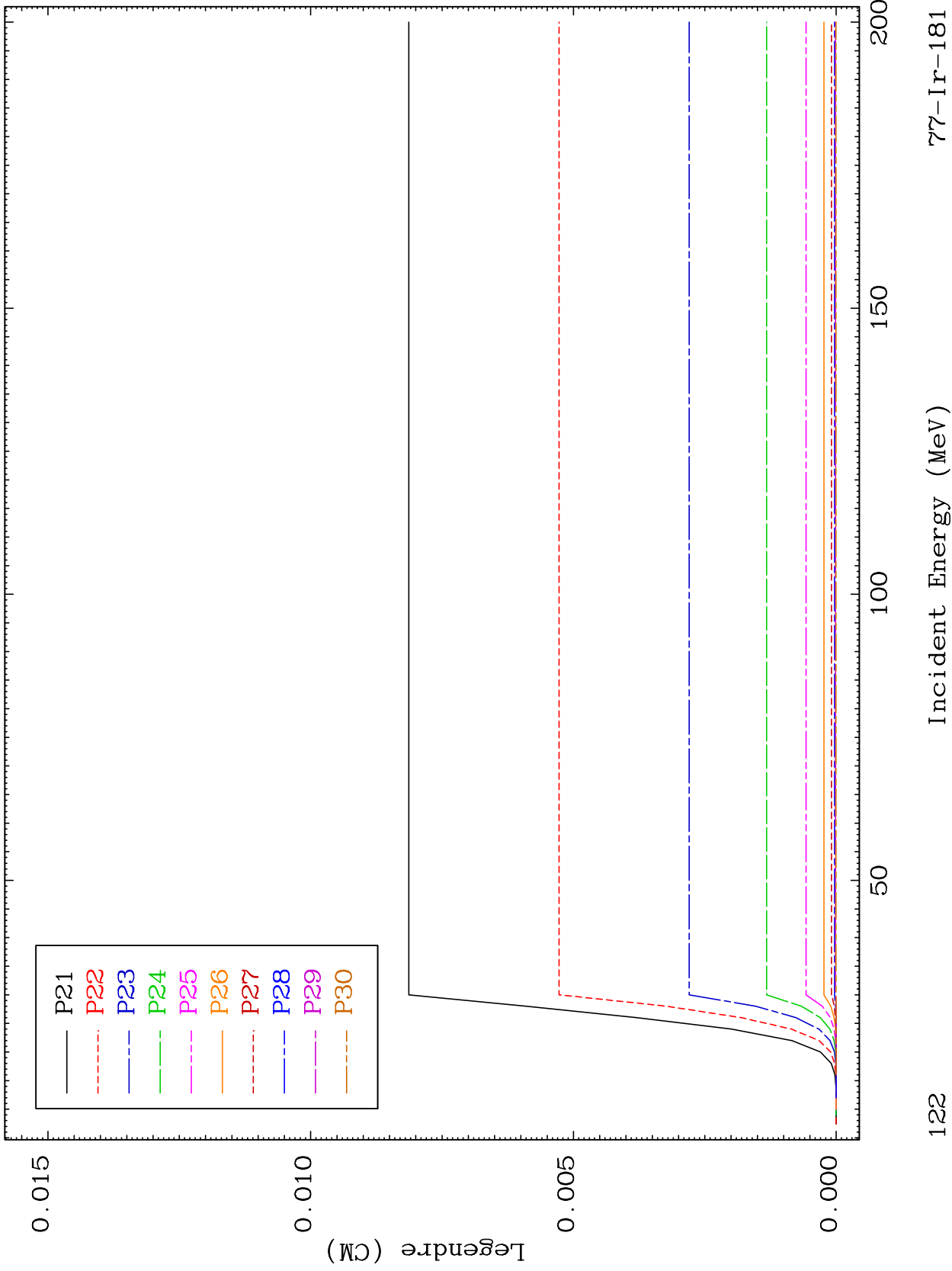
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



122

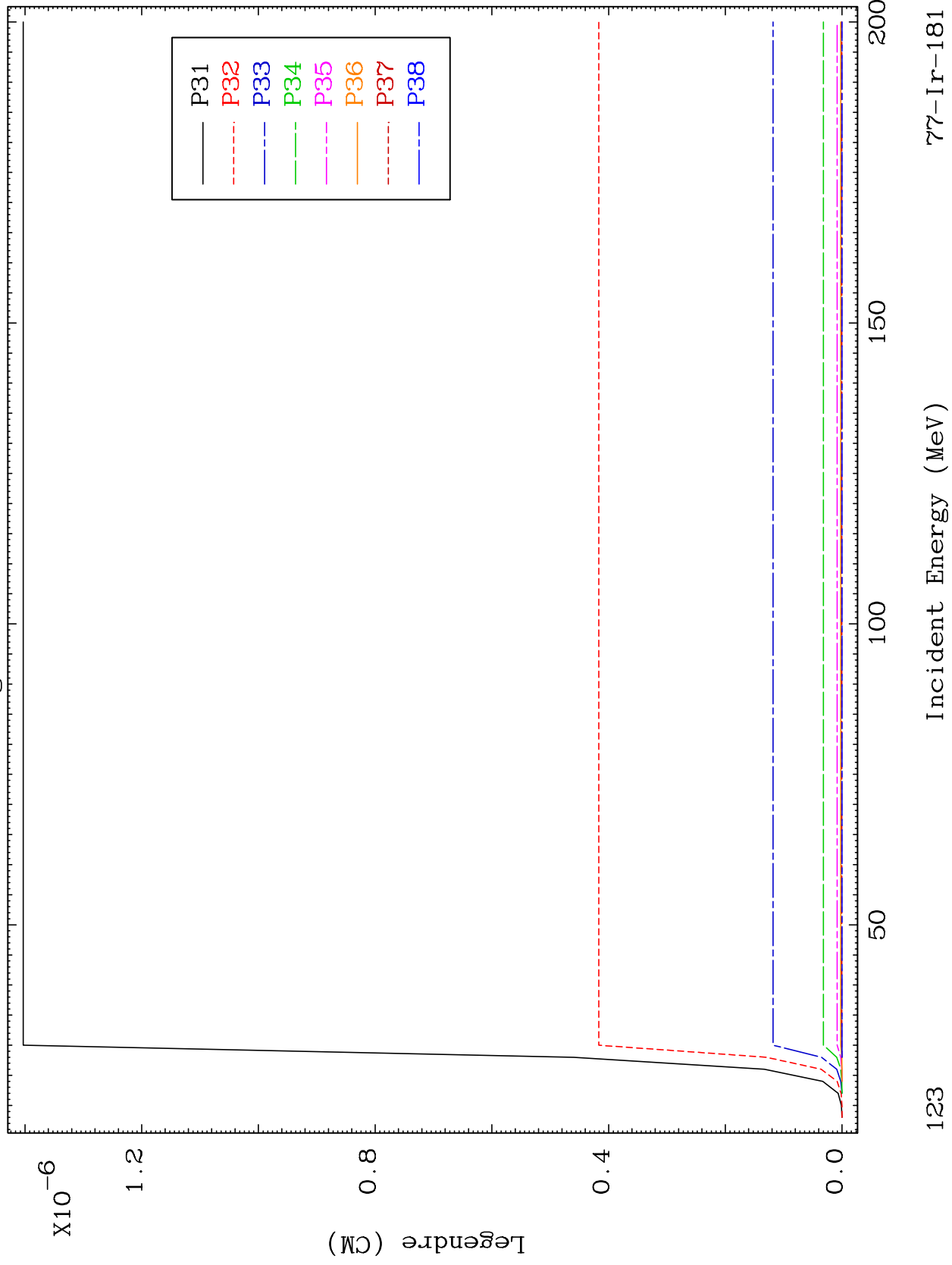
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181

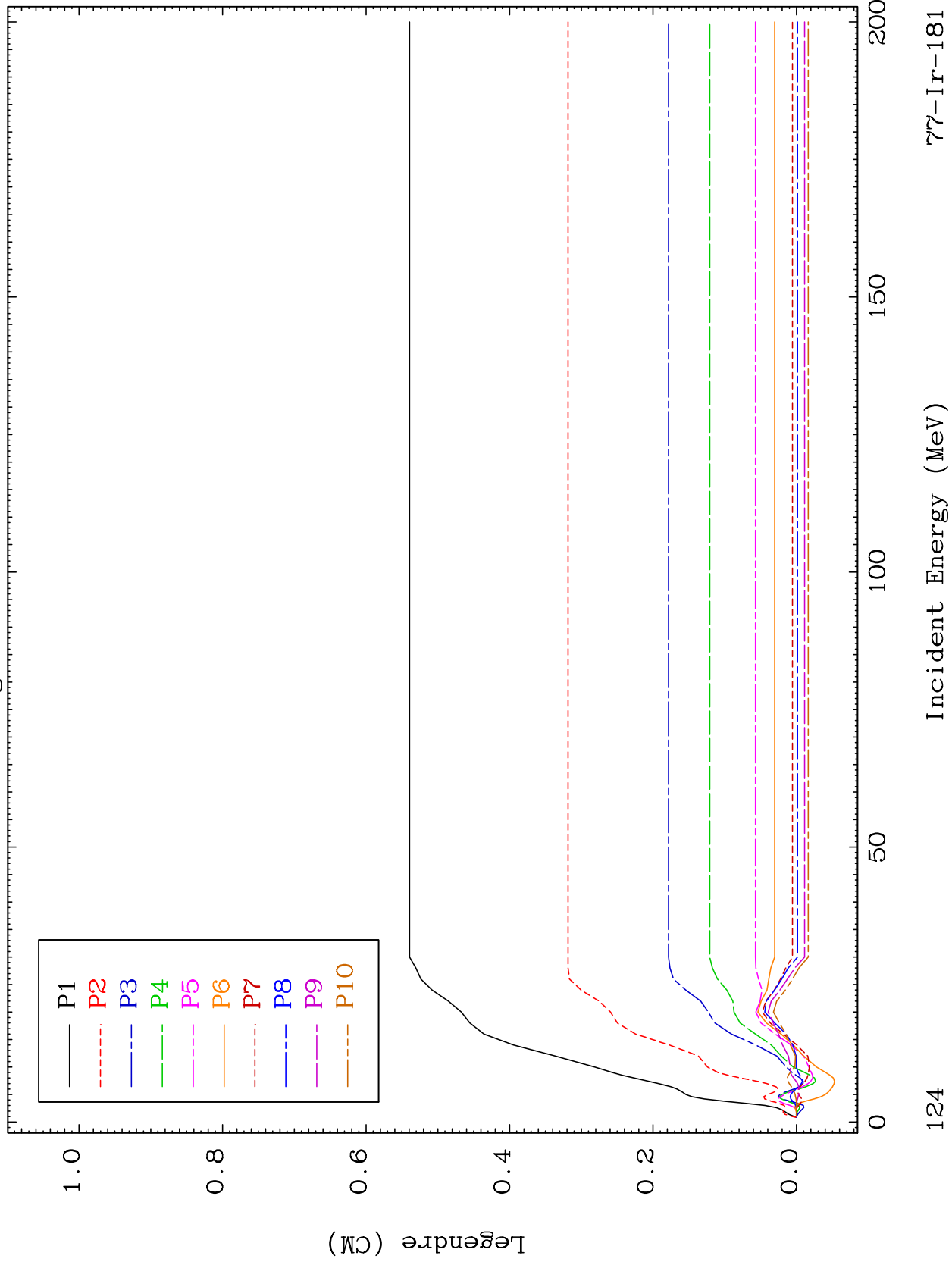


123

MAT 7695

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

77-Ir-181

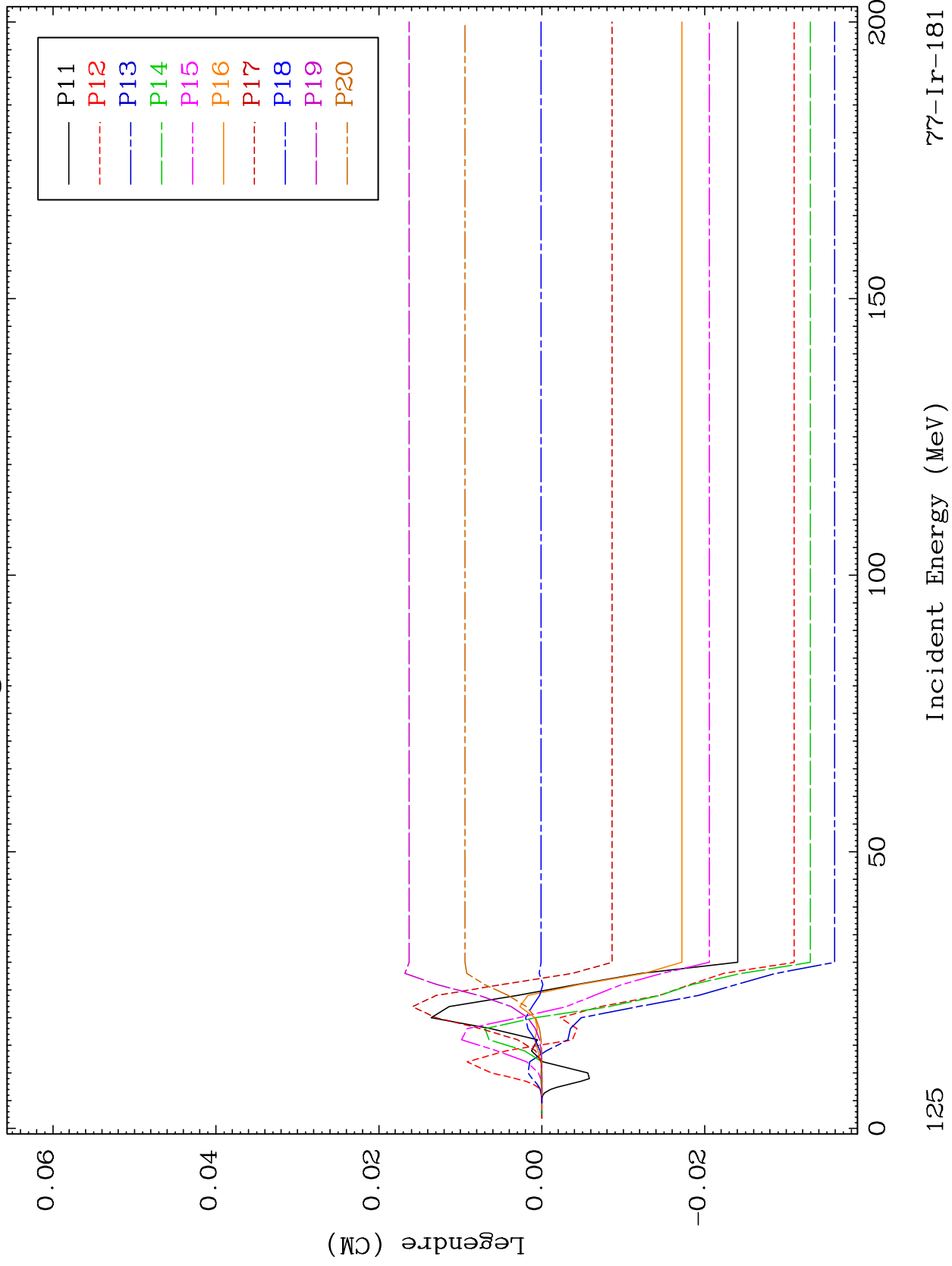


124

MAT 7695

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

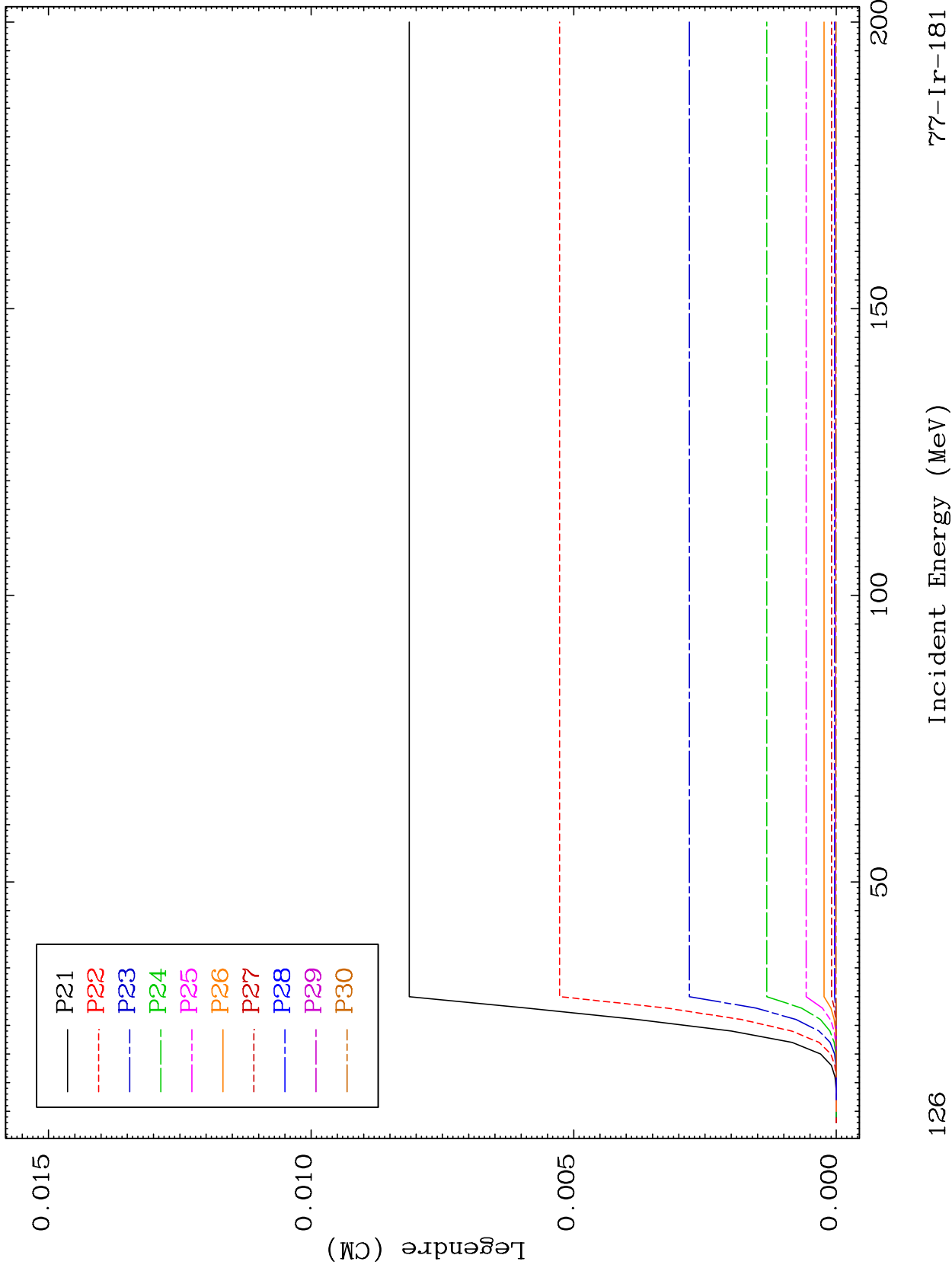
77-Ir-181



MAT 7695

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

77-Ir-181



126

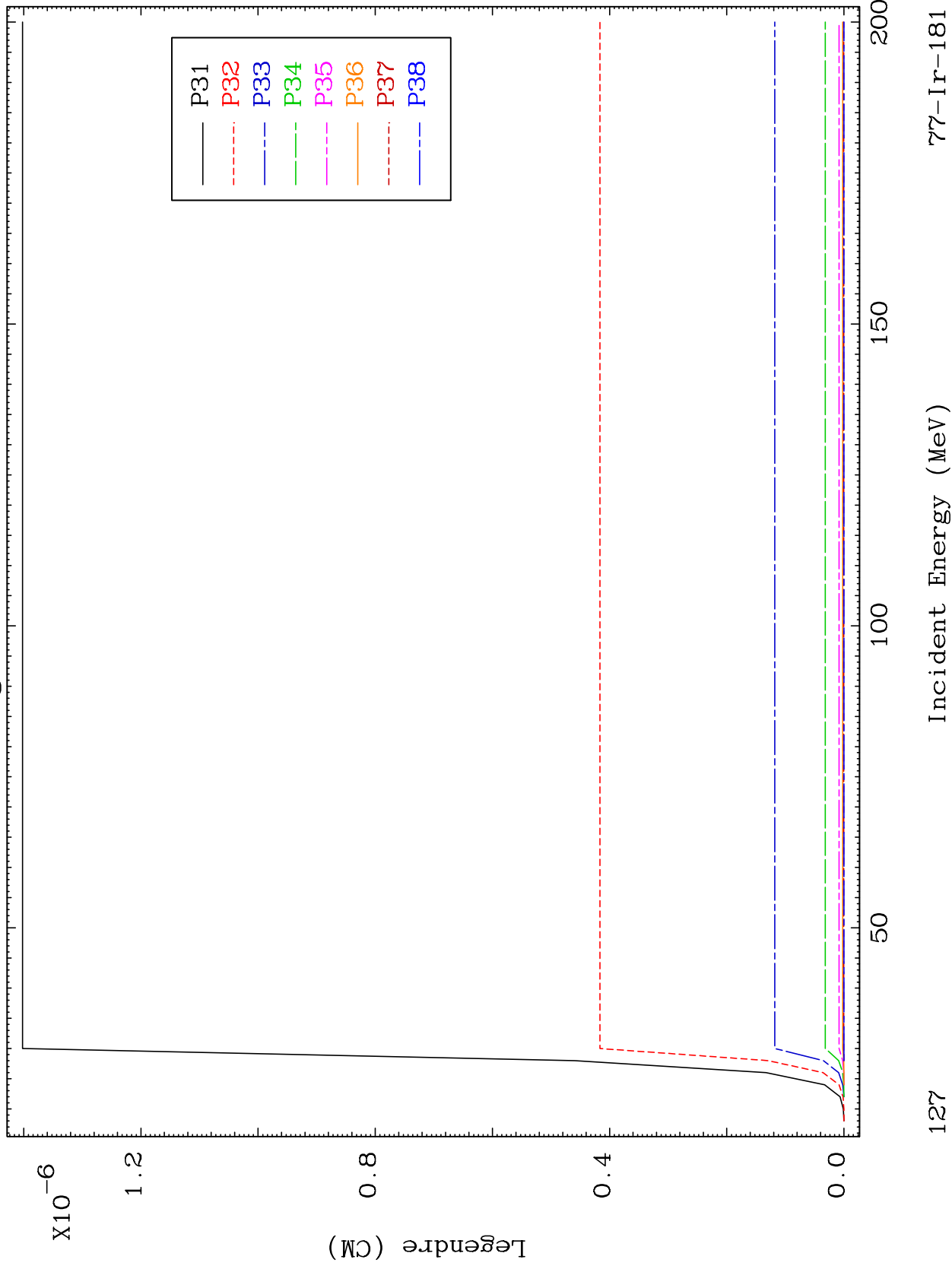
Incident Energy (MeV)

77-Ir-181

MAT 7695

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

77-Ir-181



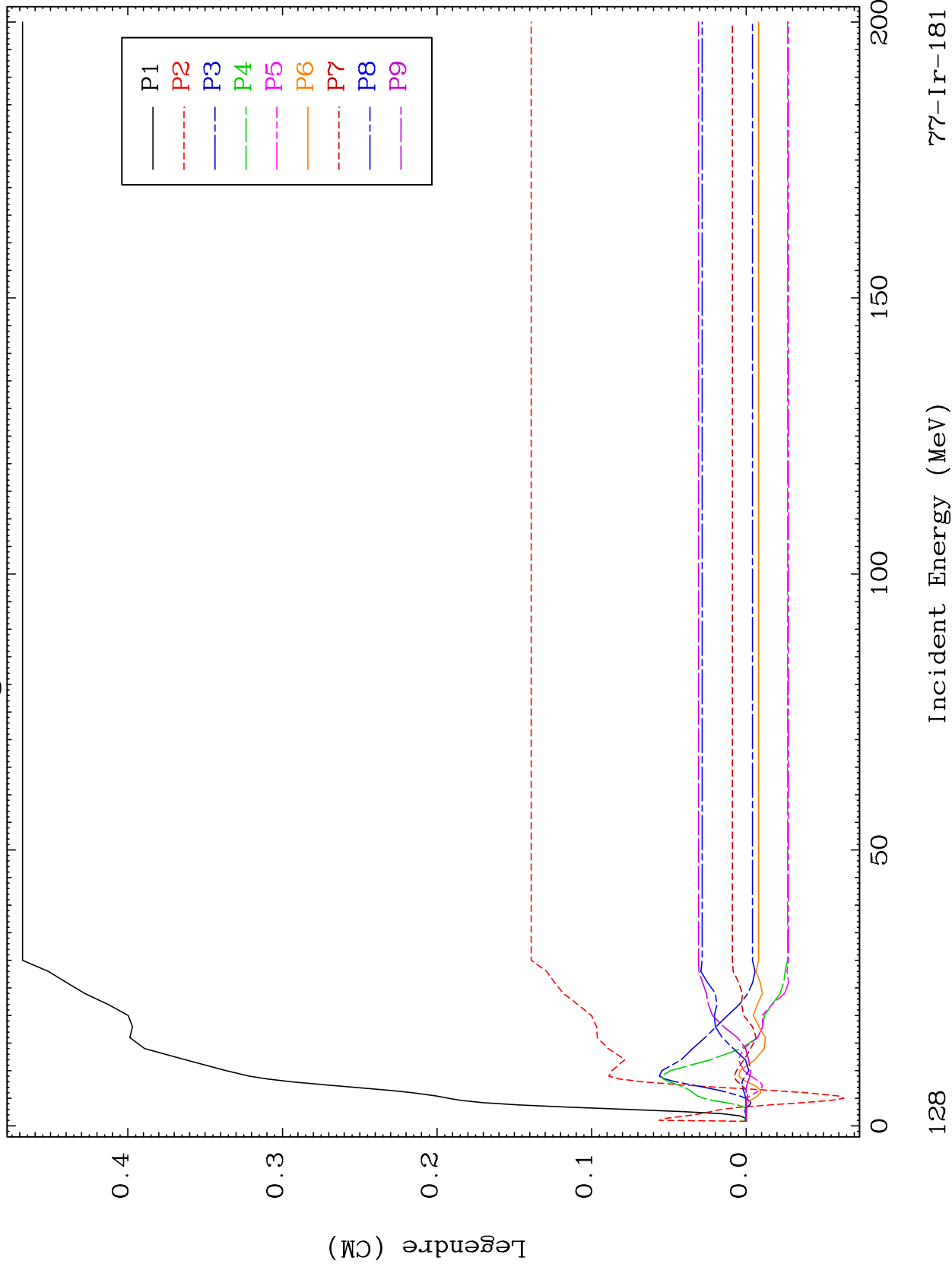
127



MAT 7695

MT= 78 (n,n') Level  
Legendre Coefficients

77-Ir-181

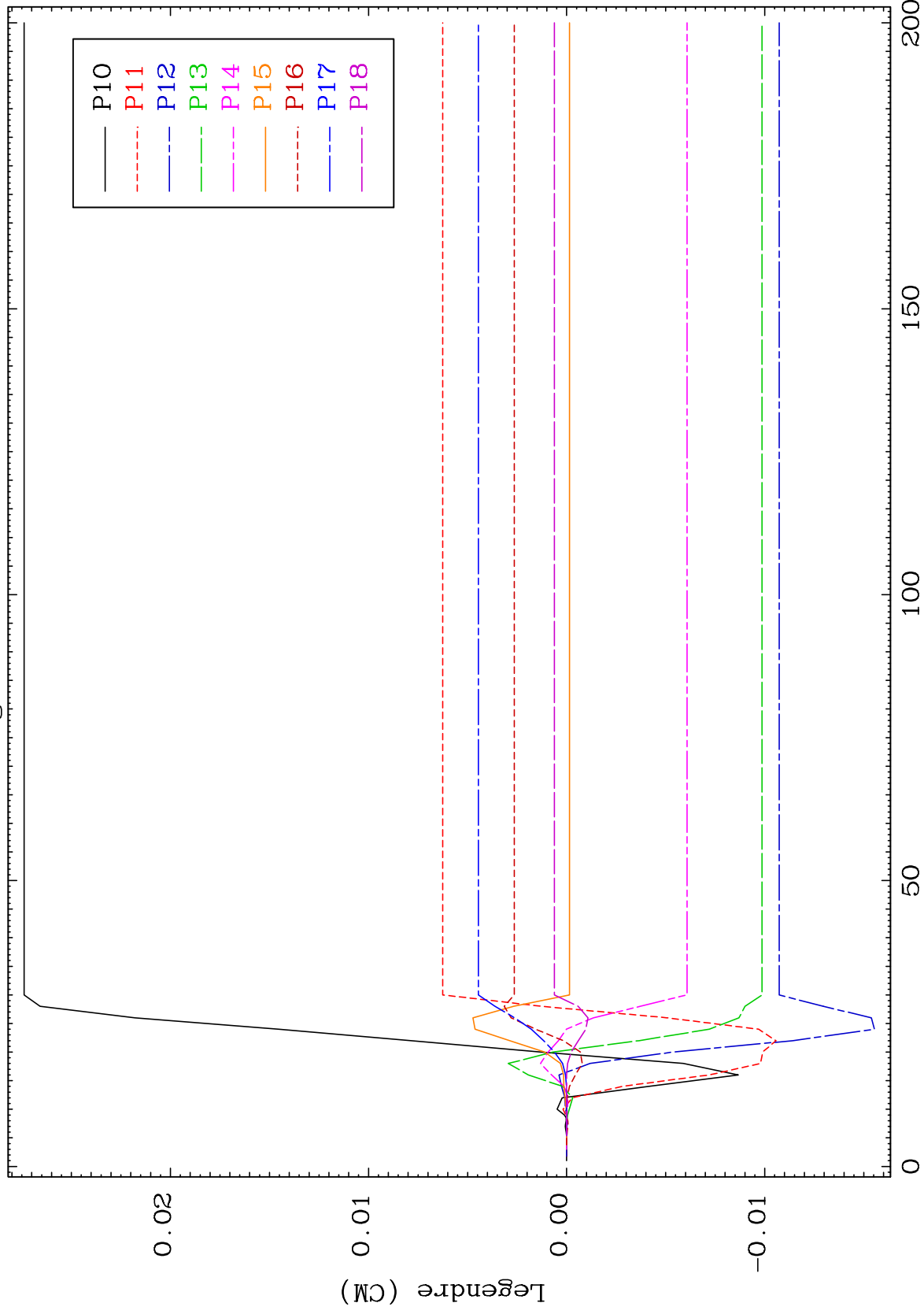


128

MAT 7695

MT= 78 (n,n') Level  
Legendre Coefficients

77-Ir-181



129

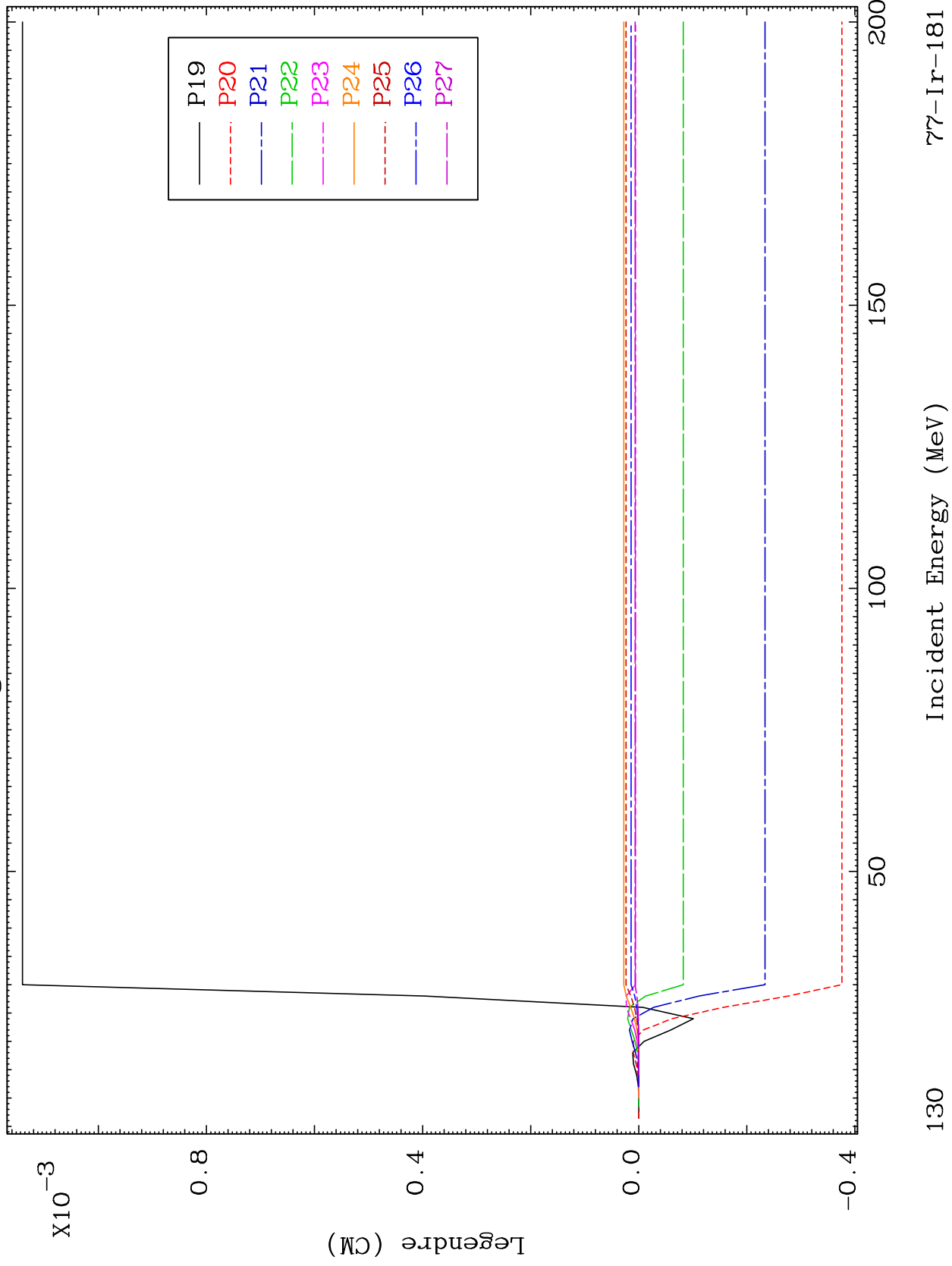
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 78 (n,n') Level  
Legendre Coefficients

77-Ir-181



77-Ir-181

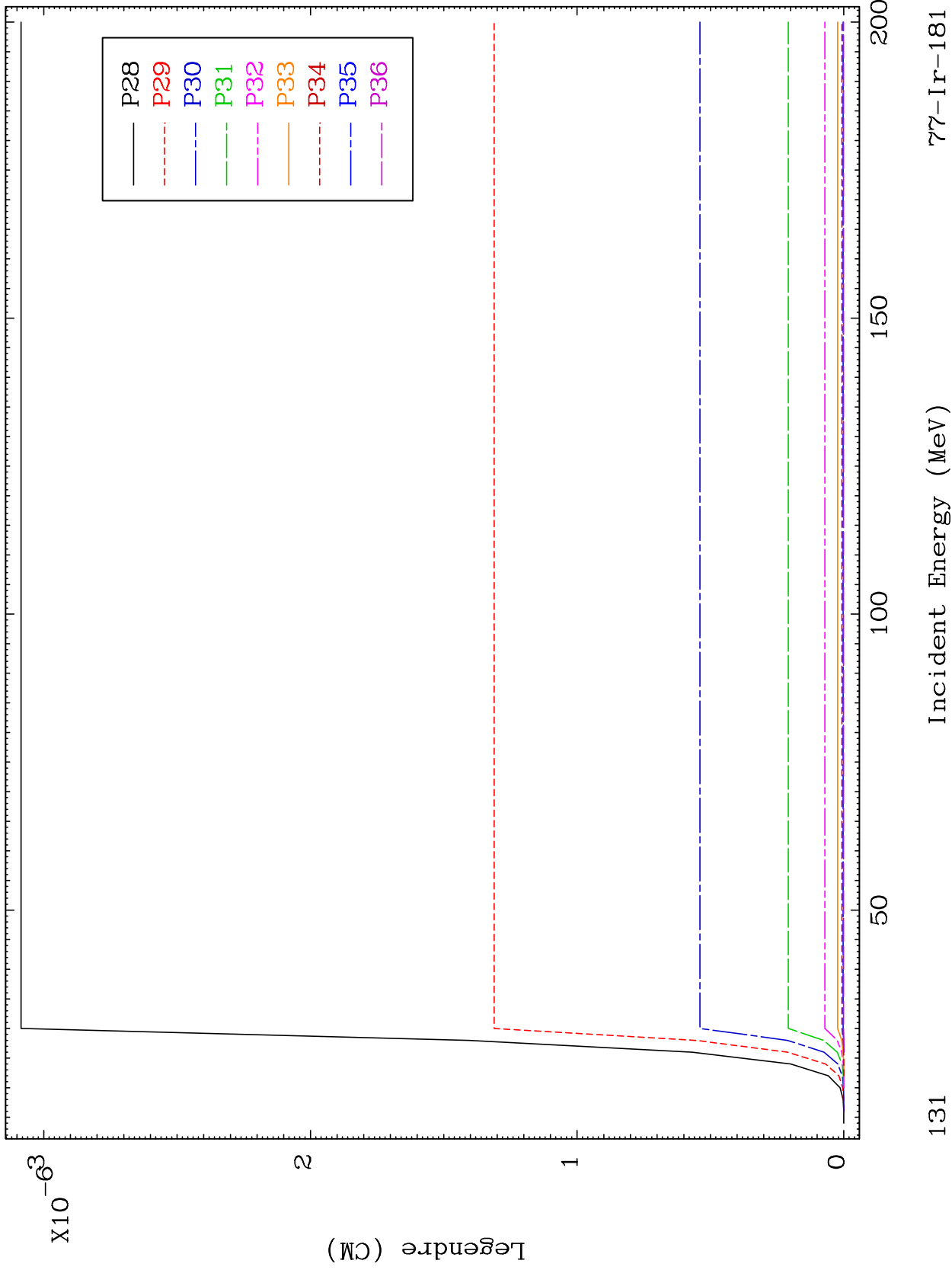
Incident Energy (MeV)

130

MAT 7695

MT= 78 (n,n') Level  
Legendre Coefficients

77-Ir-181



131

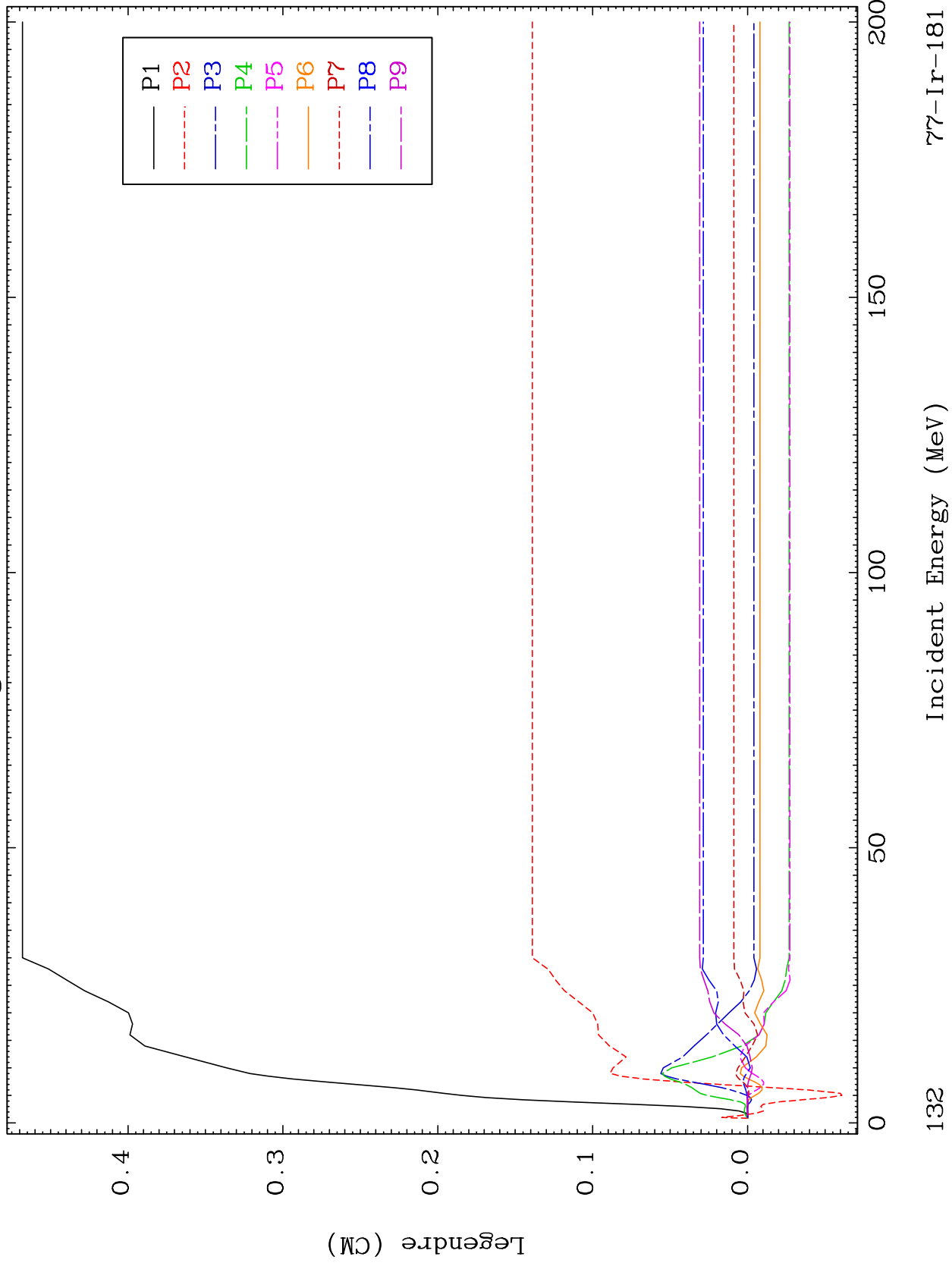
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 79 (n,n') Level  
Legendre Coefficients

77-Ir-181



77-Ir-181

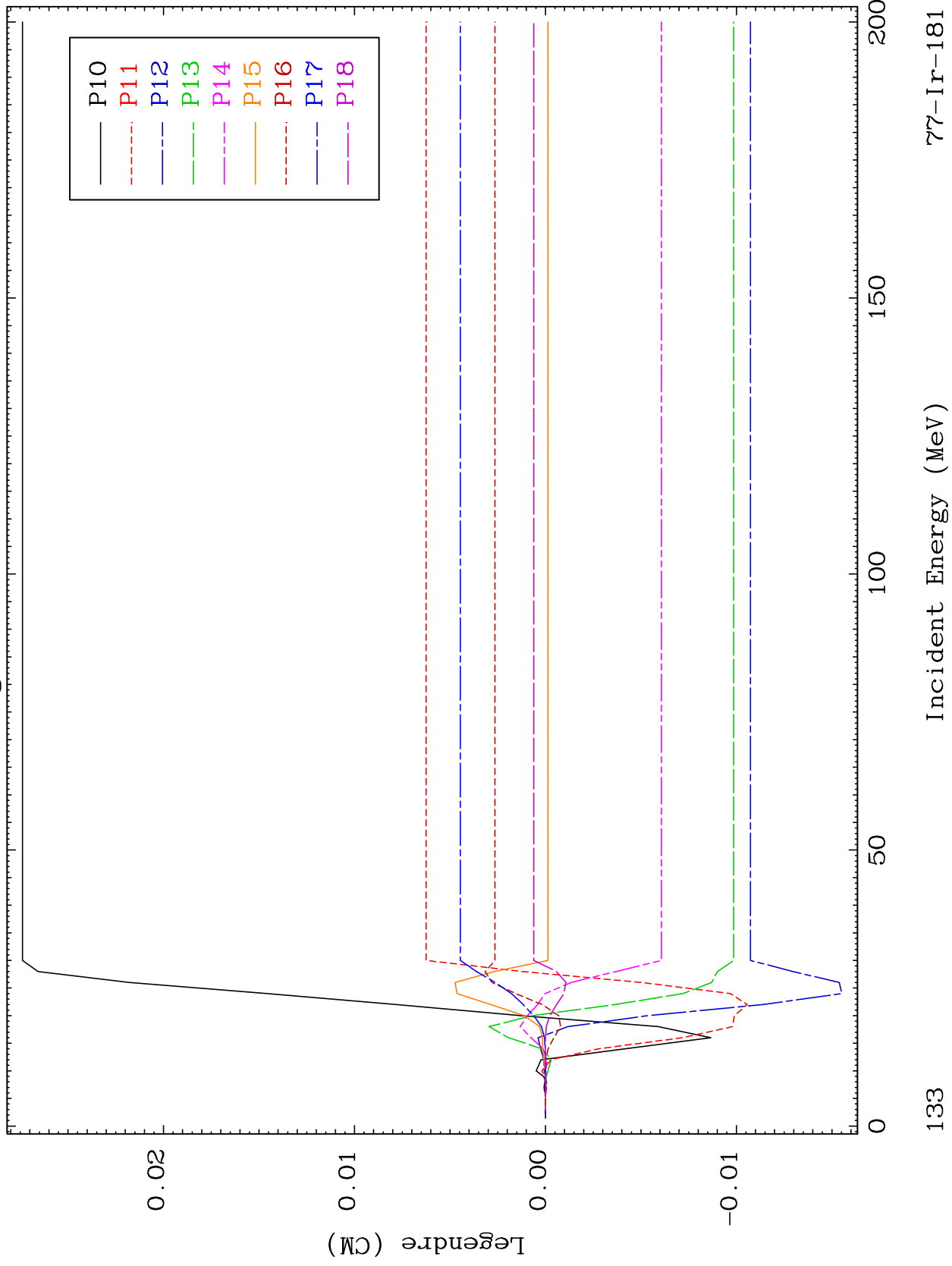
Incident Energy (MeV)

132

MAT 7695

MT= 79 (n,n') Level  
Legendre Coefficients

77-Ir-181



133

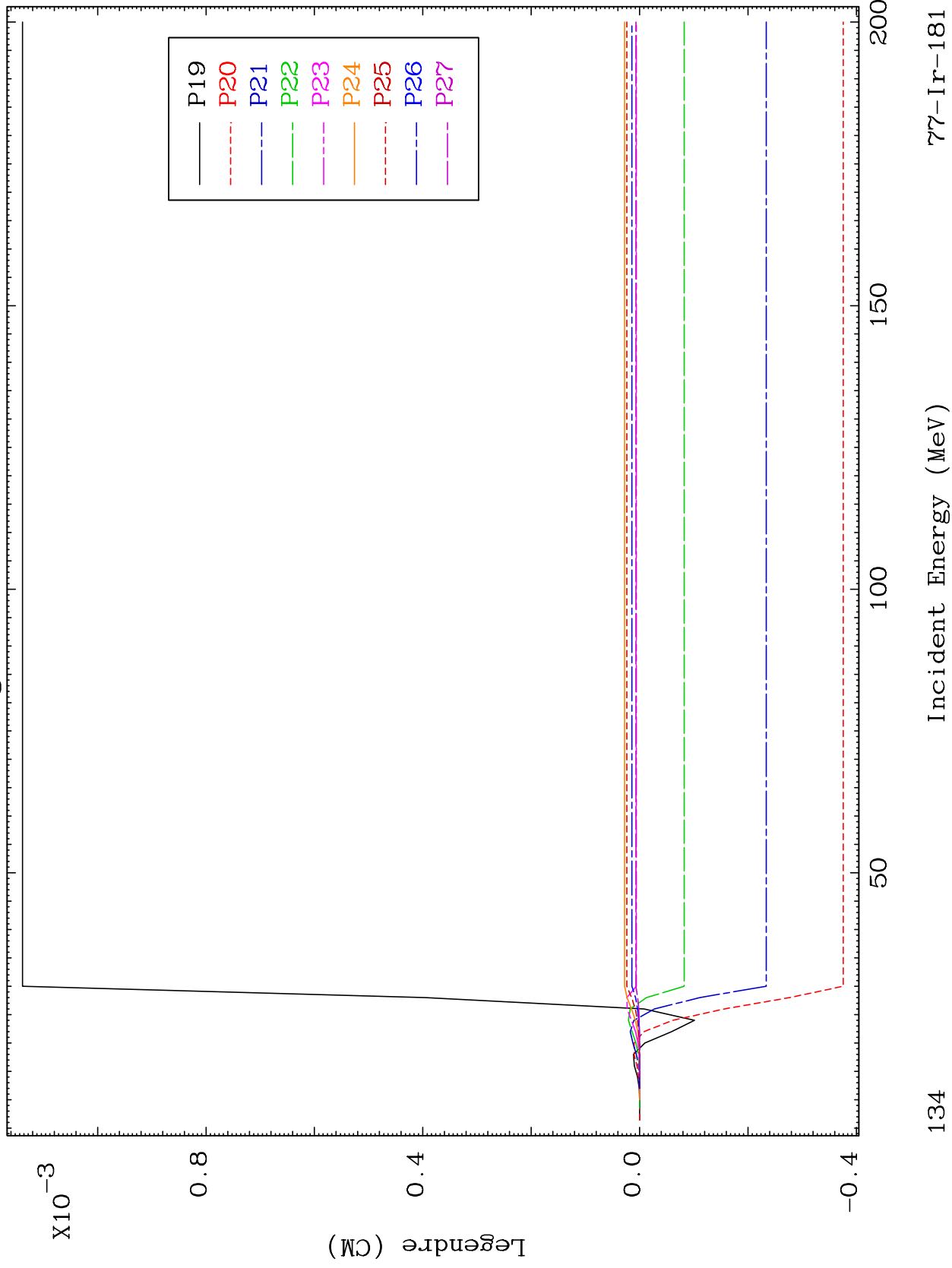
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 79 (n,n') Level  
Legendre Coefficients

77-Ir-181



134

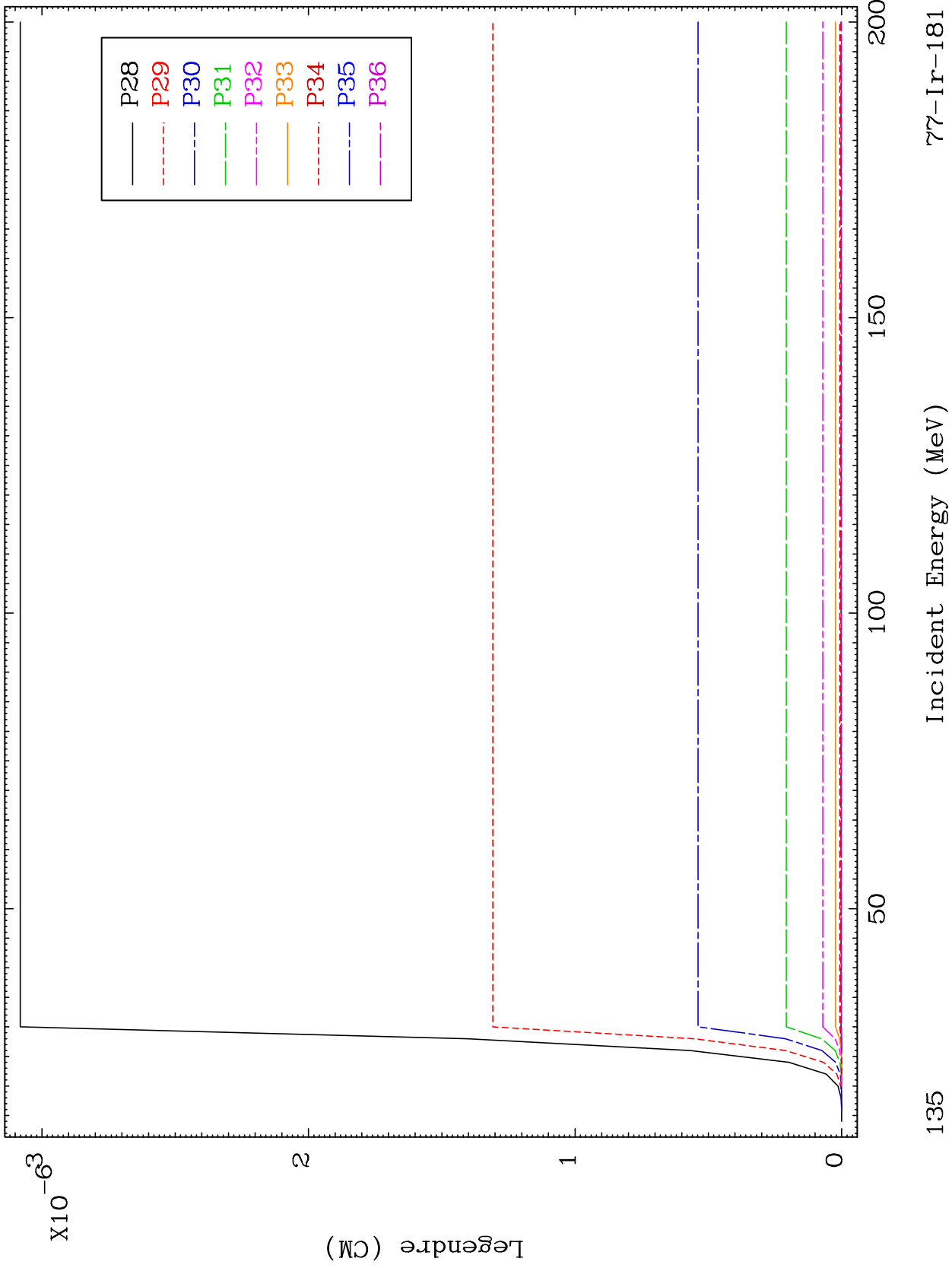
Incident Energy (MeV)

77-Ir-181

MAT 7695

MT= 79 (n,n') Level  
Legendre Coefficients

77-Ir-181



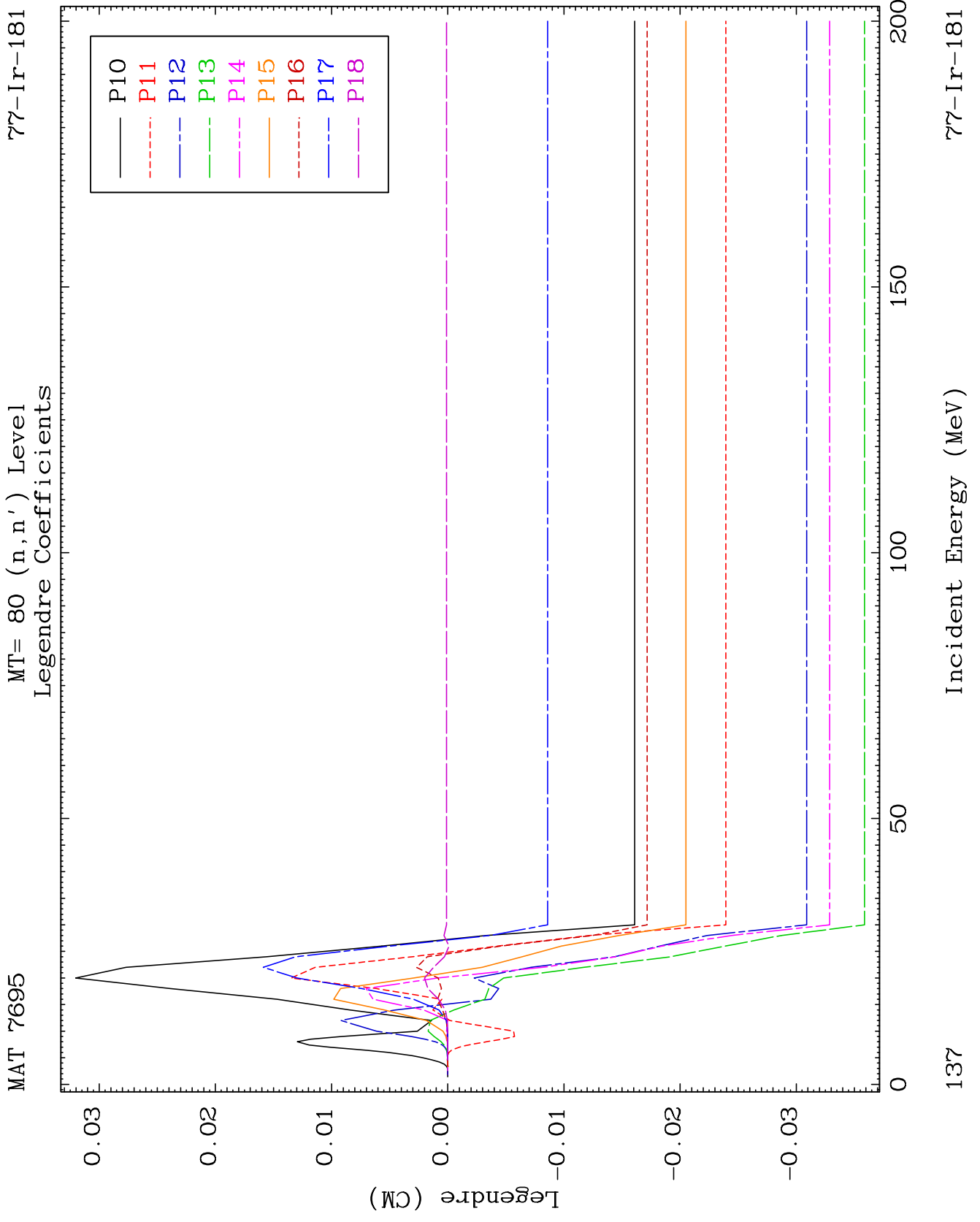
135

Incident Energy (MeV)

77-Ir-181



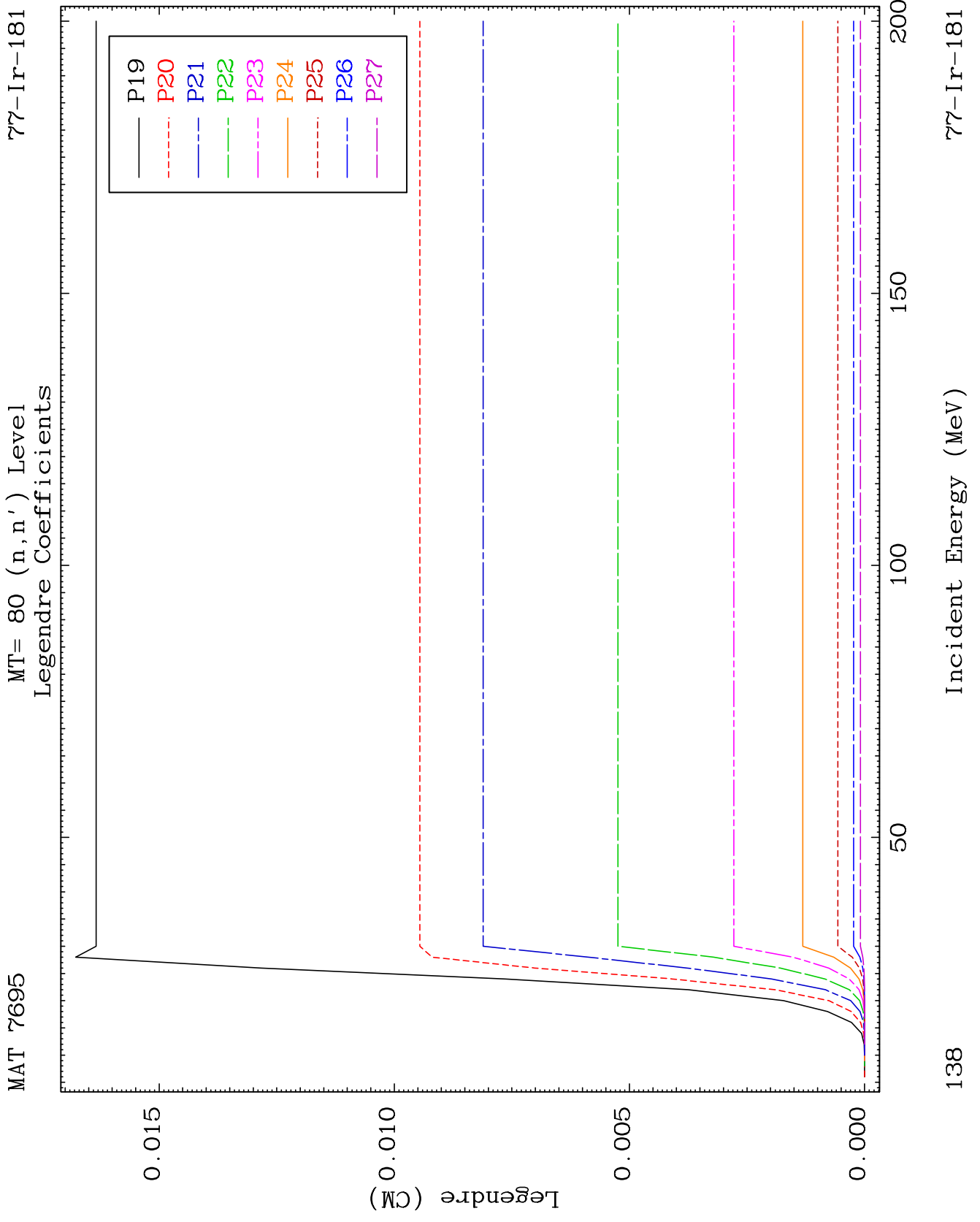




77-Ir-181

Incident Energy (MeV)

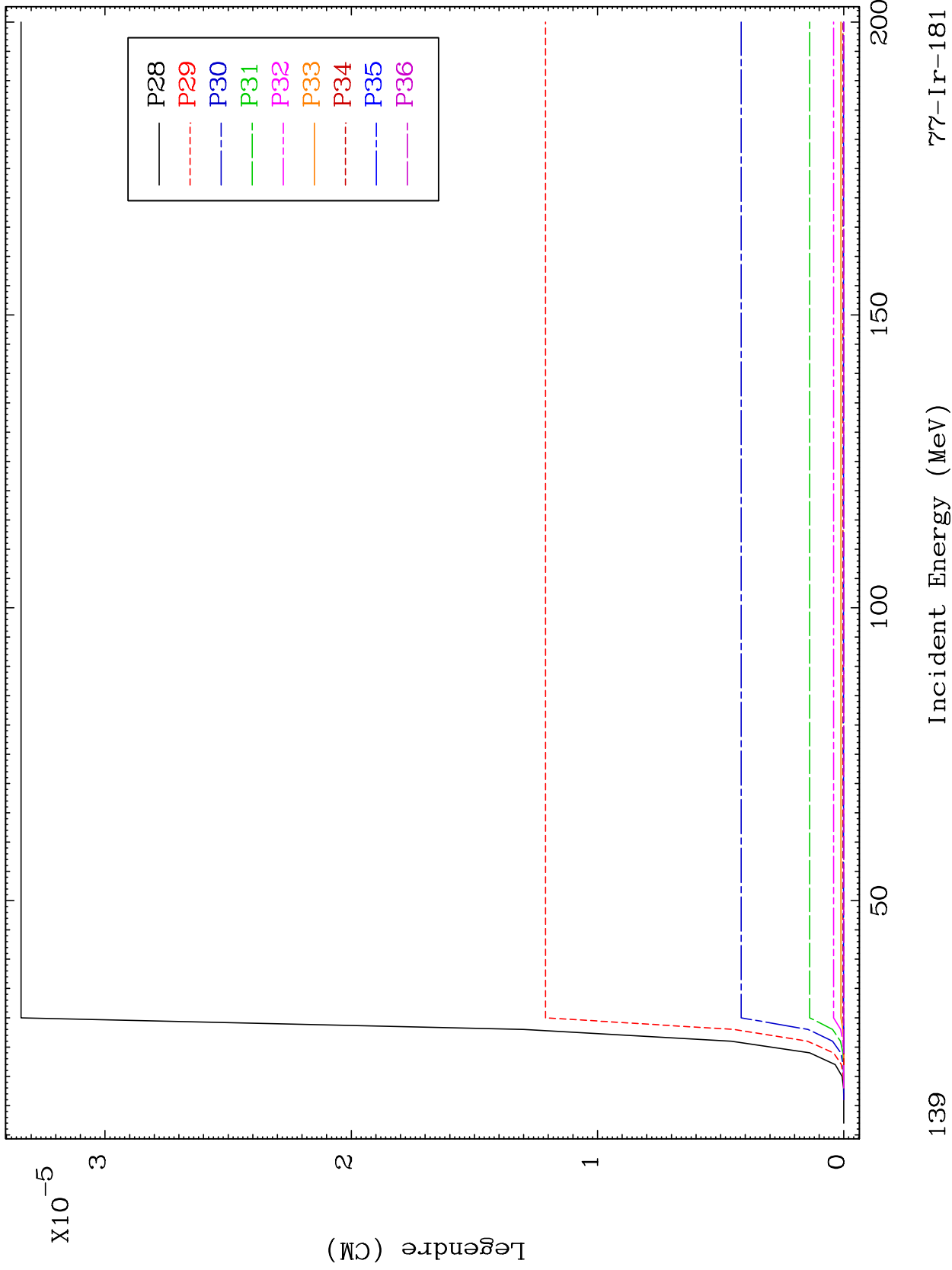
137



MAT 7695

MT= 80 (n,n') Level  
Legendre Coefficients

77-Ir-181



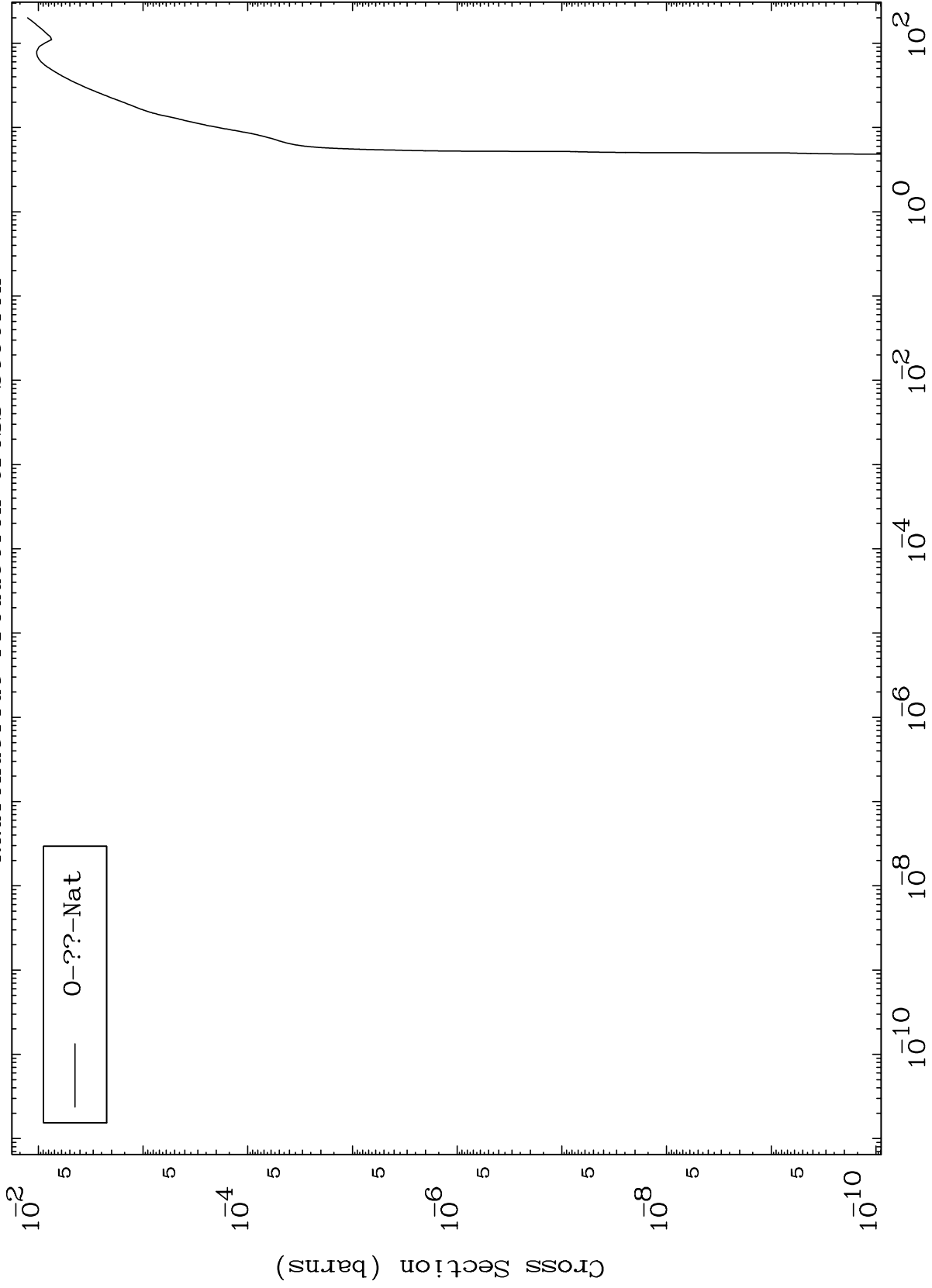
139

MAT 7695

Fission

<sup>77</sup>Ir-181

Radionuclide Production Cross Section



140

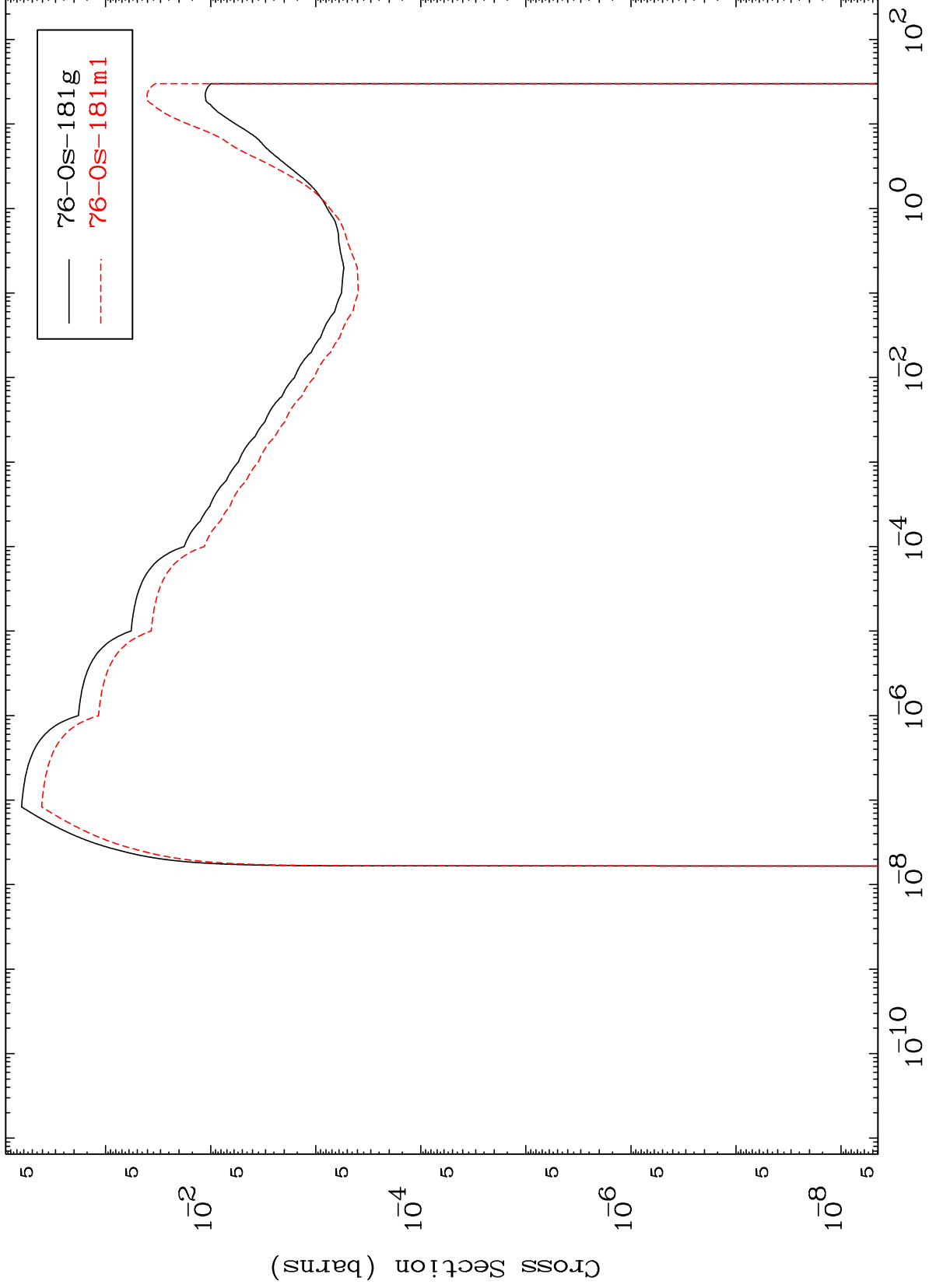
Incident Energy (MeV)

<sup>77</sup>Ir-181

MAT 7695

77-Ir-181

(n,p)  
Radionuclide Production Cross Section



141

77-Ir-181