

Program EVALPLOT  
(Version 2021-1)

by

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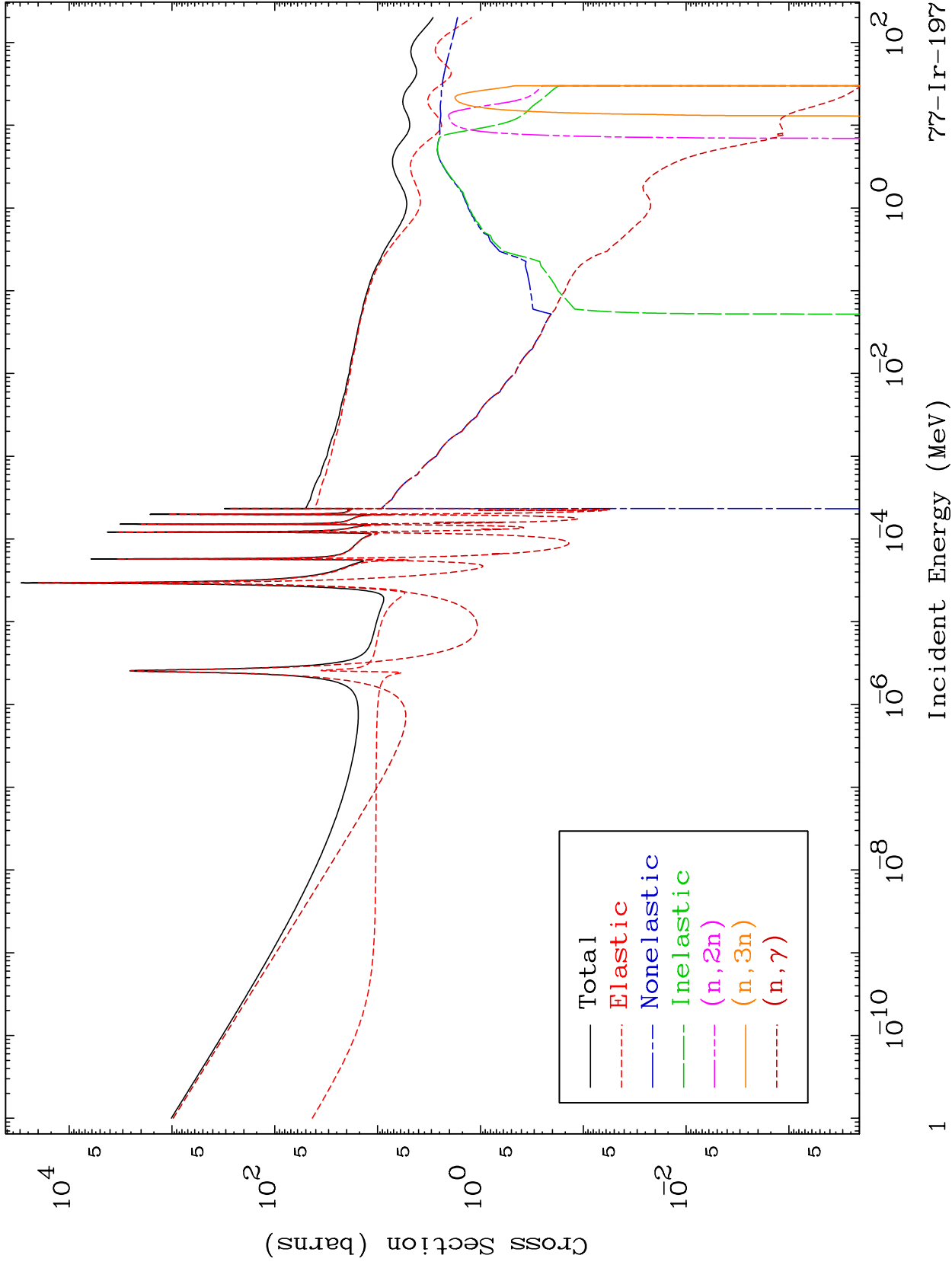
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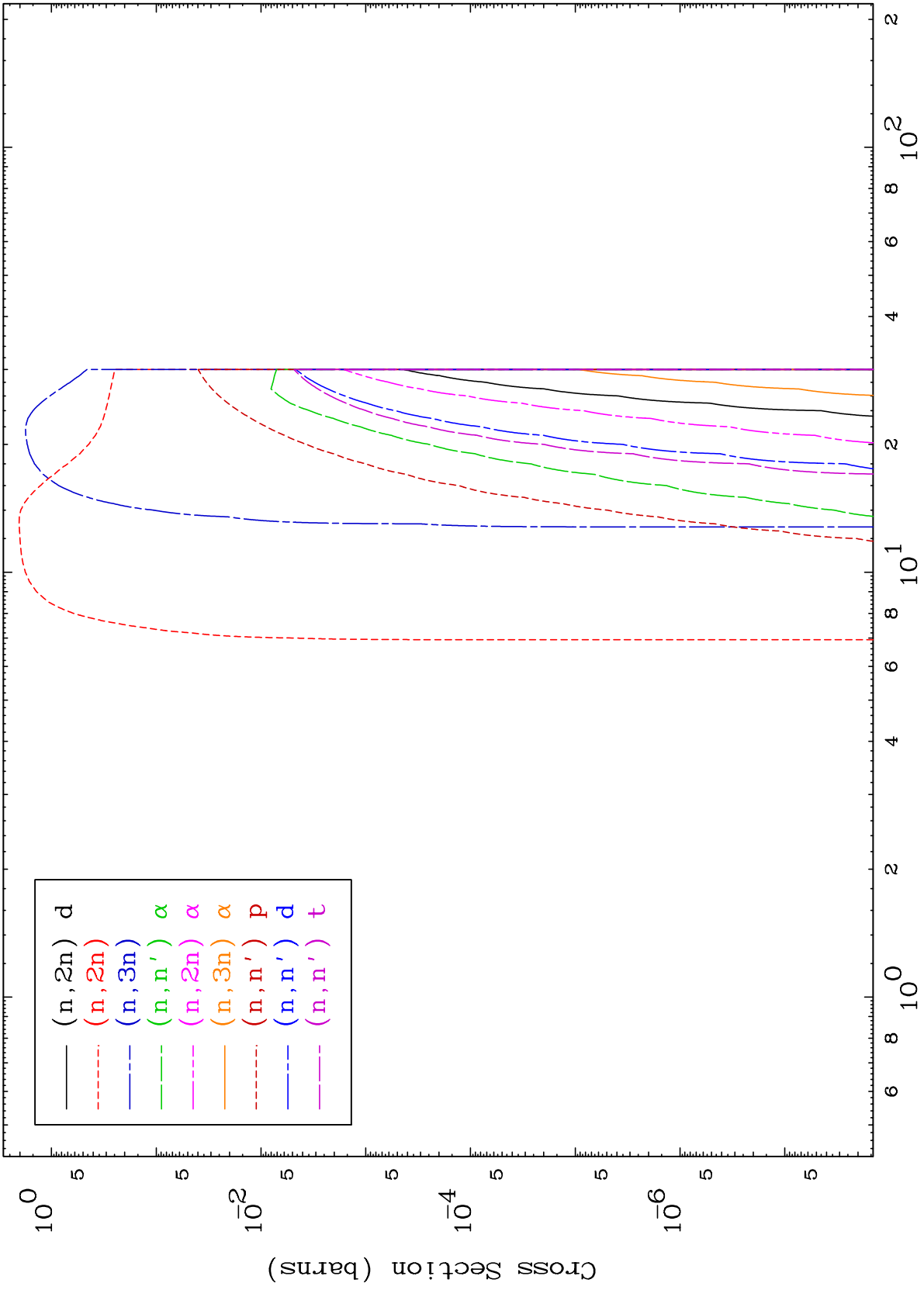
Press Mouse Button to Start

MAT 7743

Neutron Major  
293 Kelvin Cross Sections

77-Ir-197

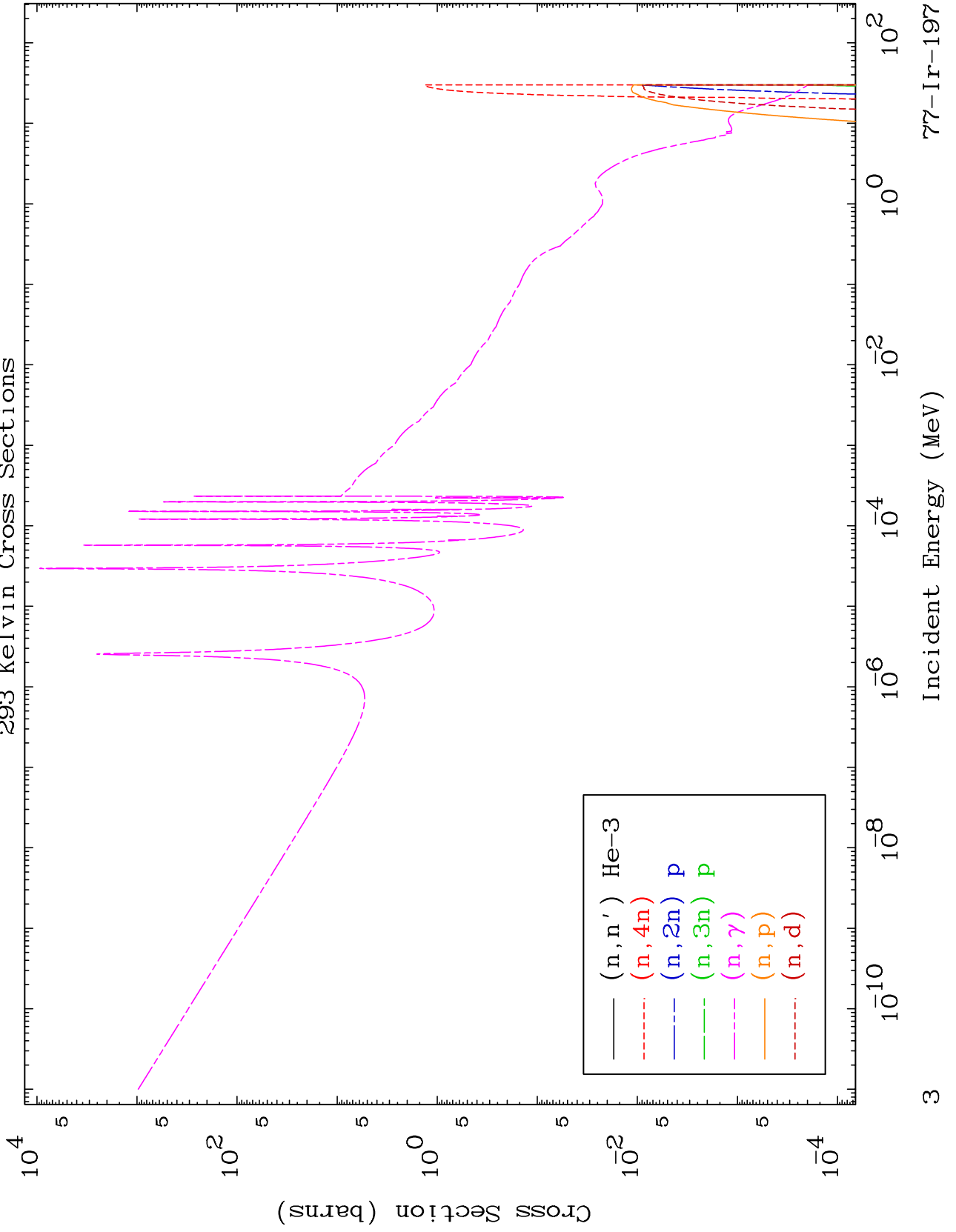




MAT 7743

Neutron Absorption  
293 Kelvin Cross Sections

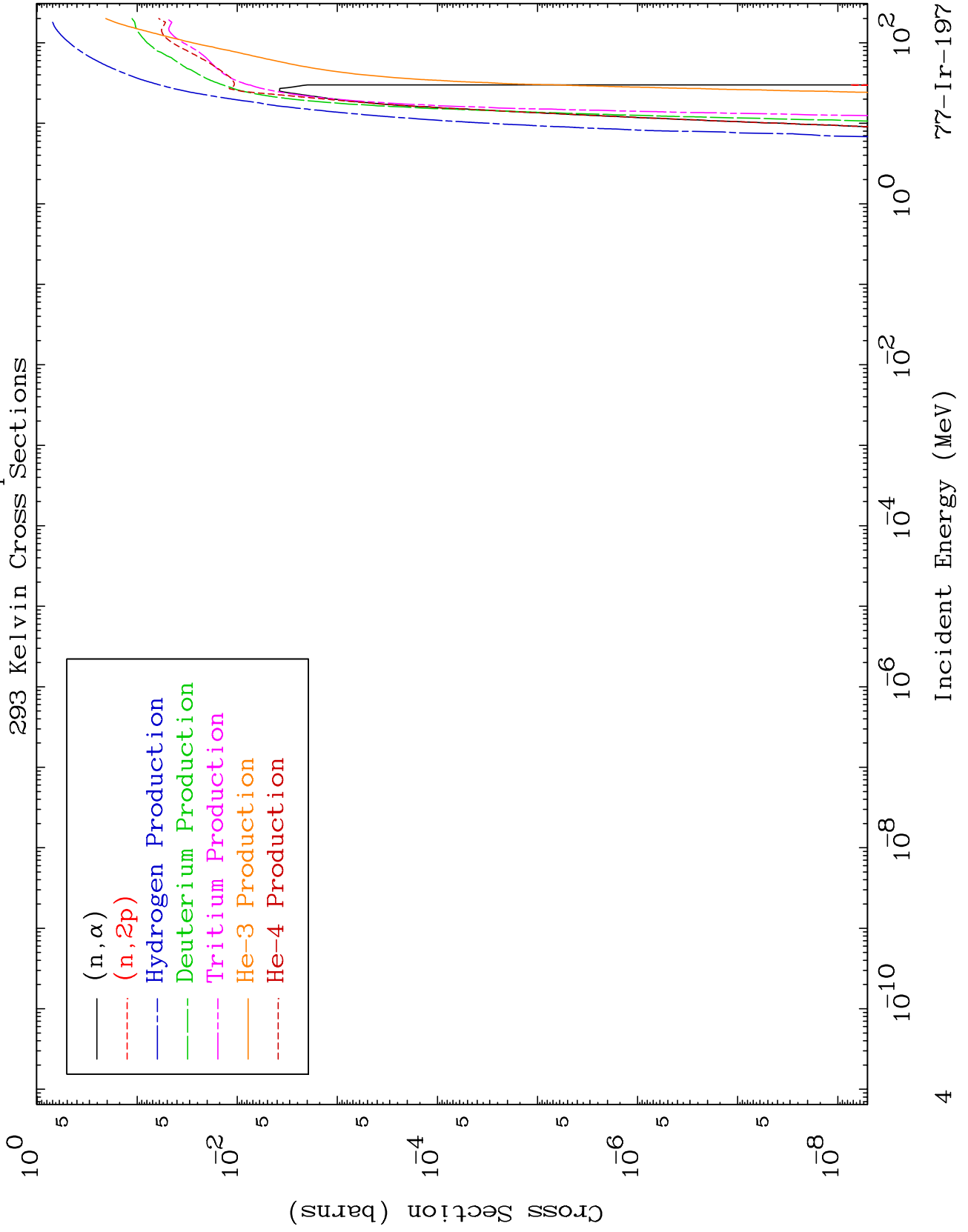
77-Ir-197



MAT 7743

Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-197

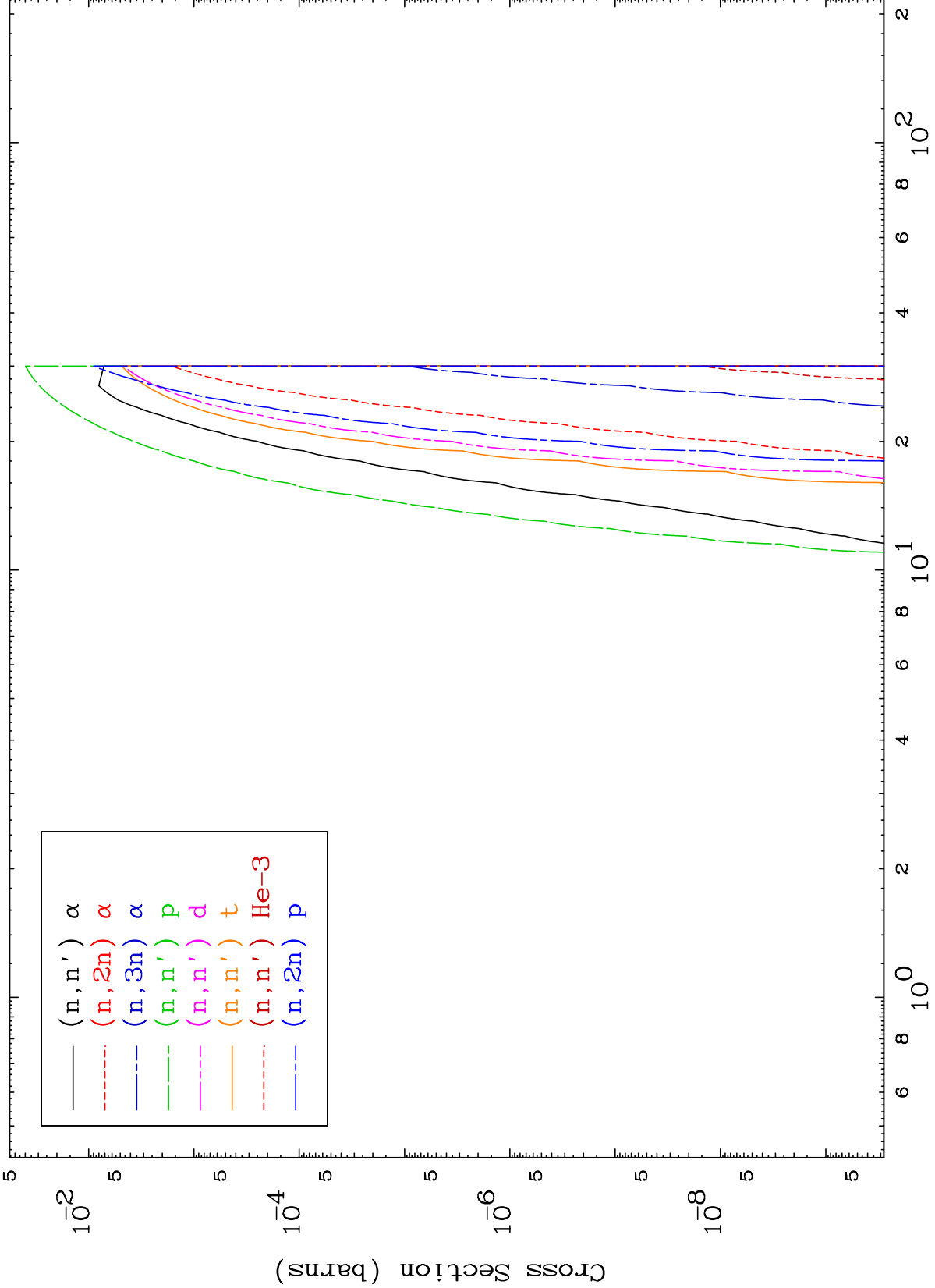


MAT 7743

Charged Particle

77-Ir-197

293 Kelvin Cross Sections



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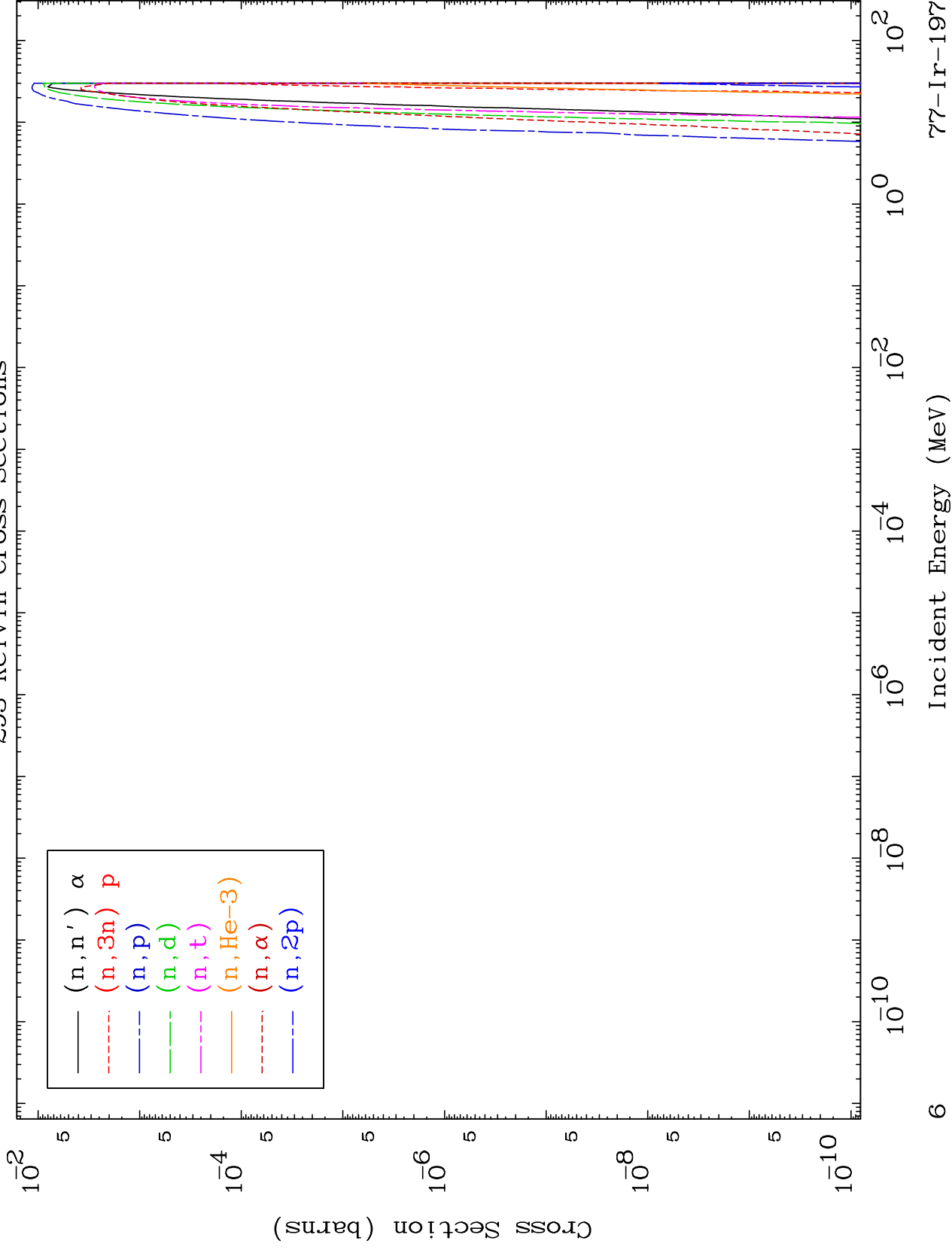
Incident Energy (MeV)

77-Ir-197

MAT 7743

Charged Particle  
293 Kelvin Cross Sections

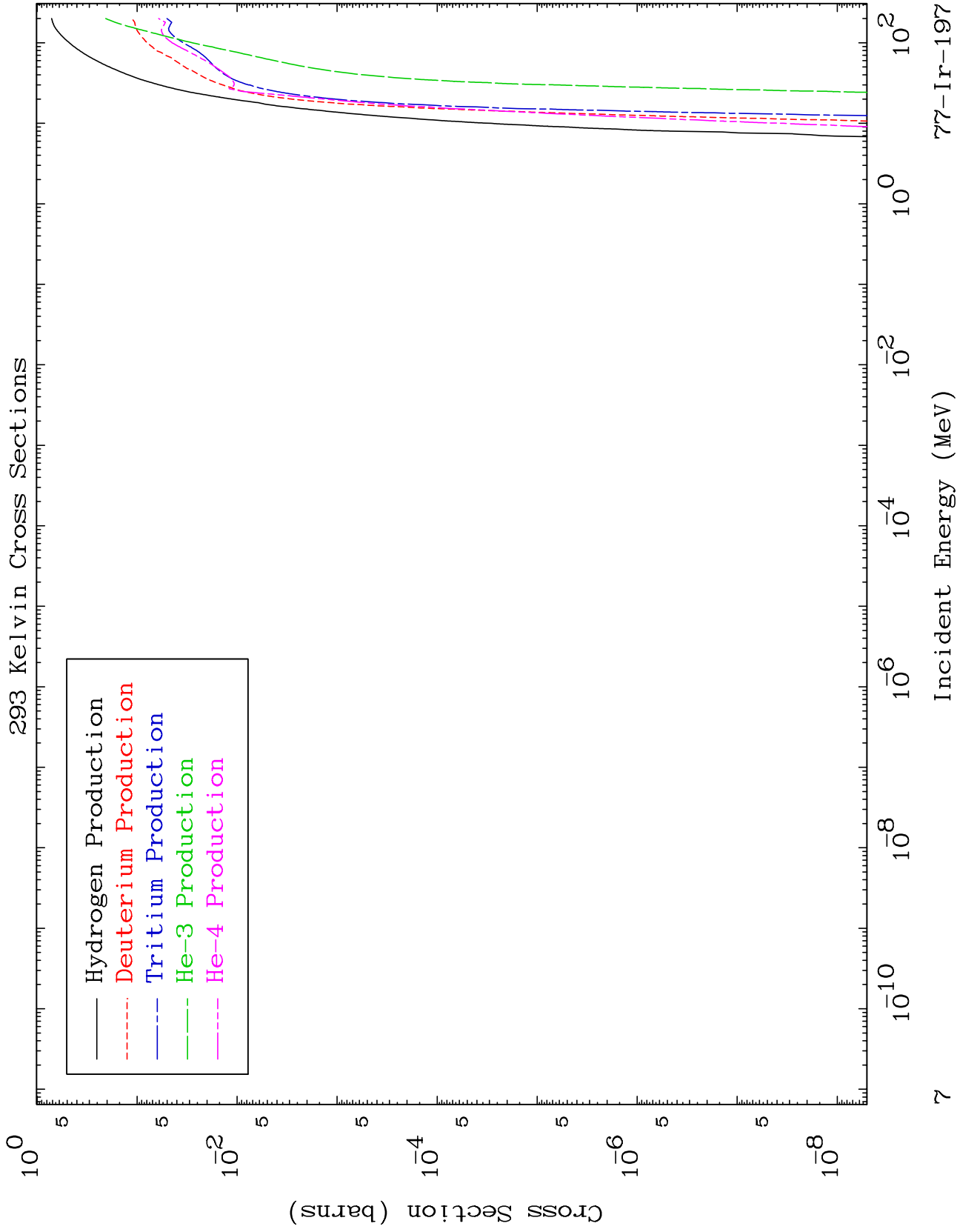
77-Ir-197



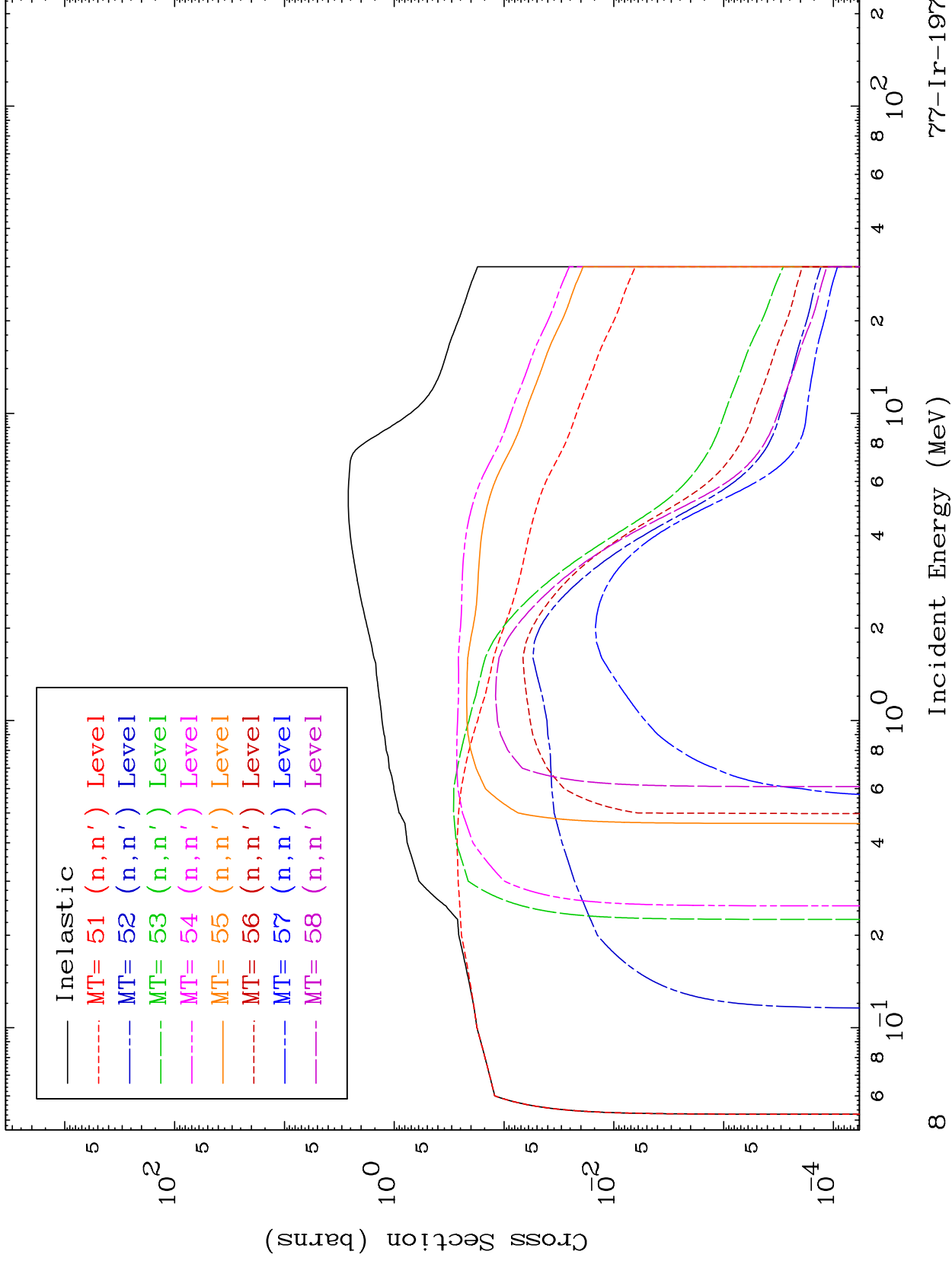
MAT 7743

Particle Production  
293 Kelvin Cross Sections

77-Ir-197



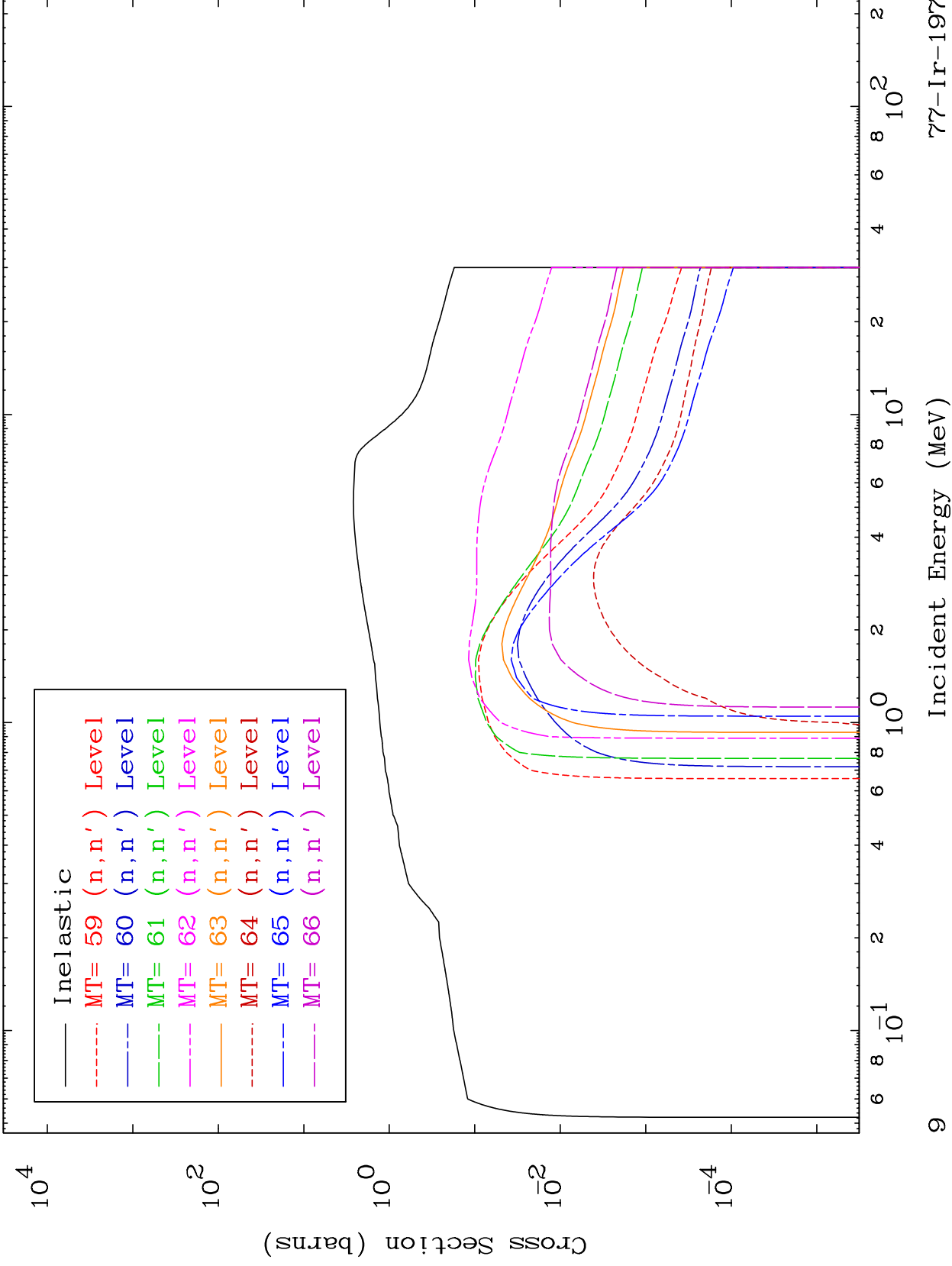




MAT 7743

(n,n') Levels  
293 Kelvin Cross Sections

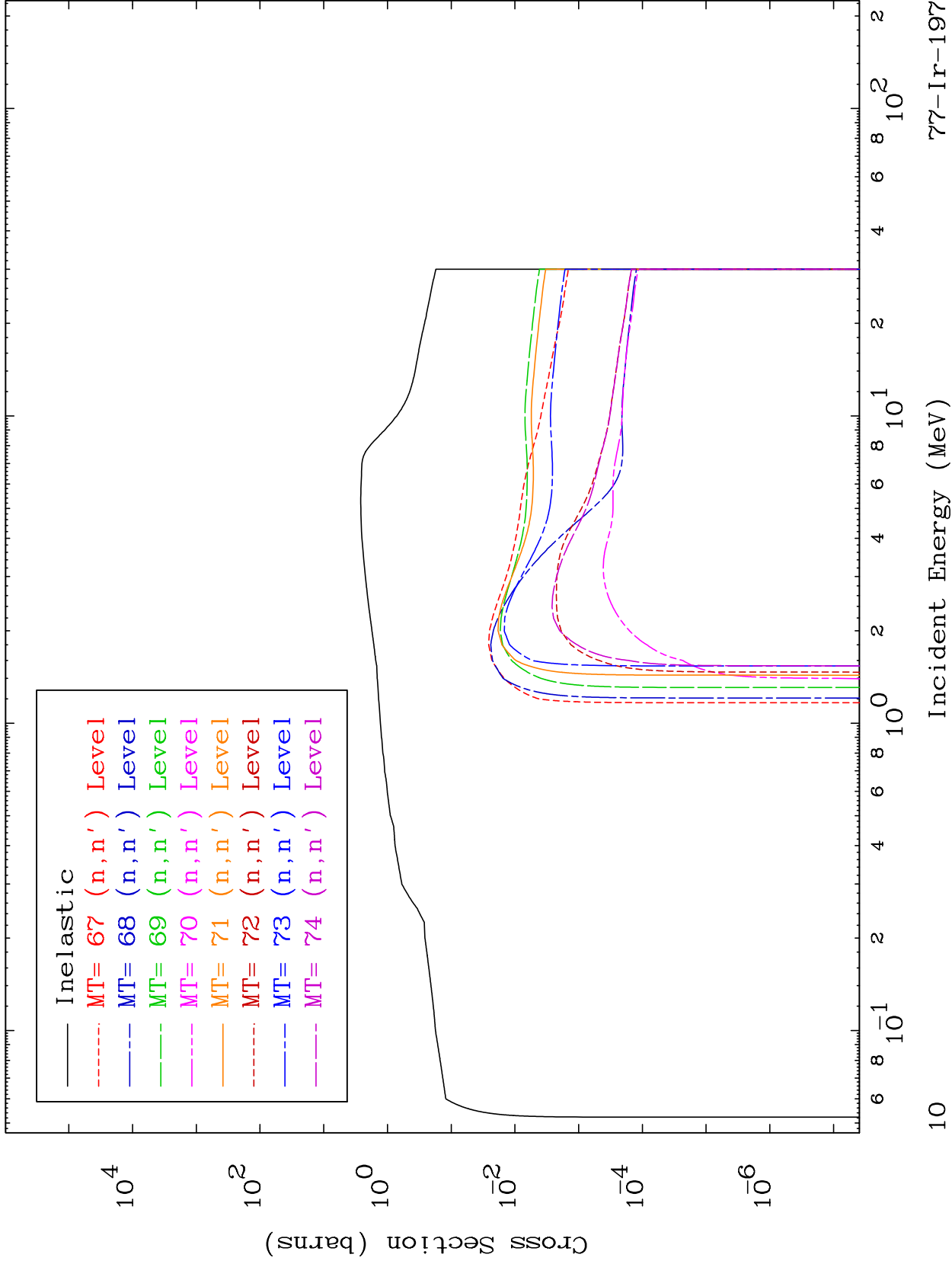
77-Ir-197



MAT 7743

(n,n') Levels  
293 Kelvin Cross Sections

77-Ir-197

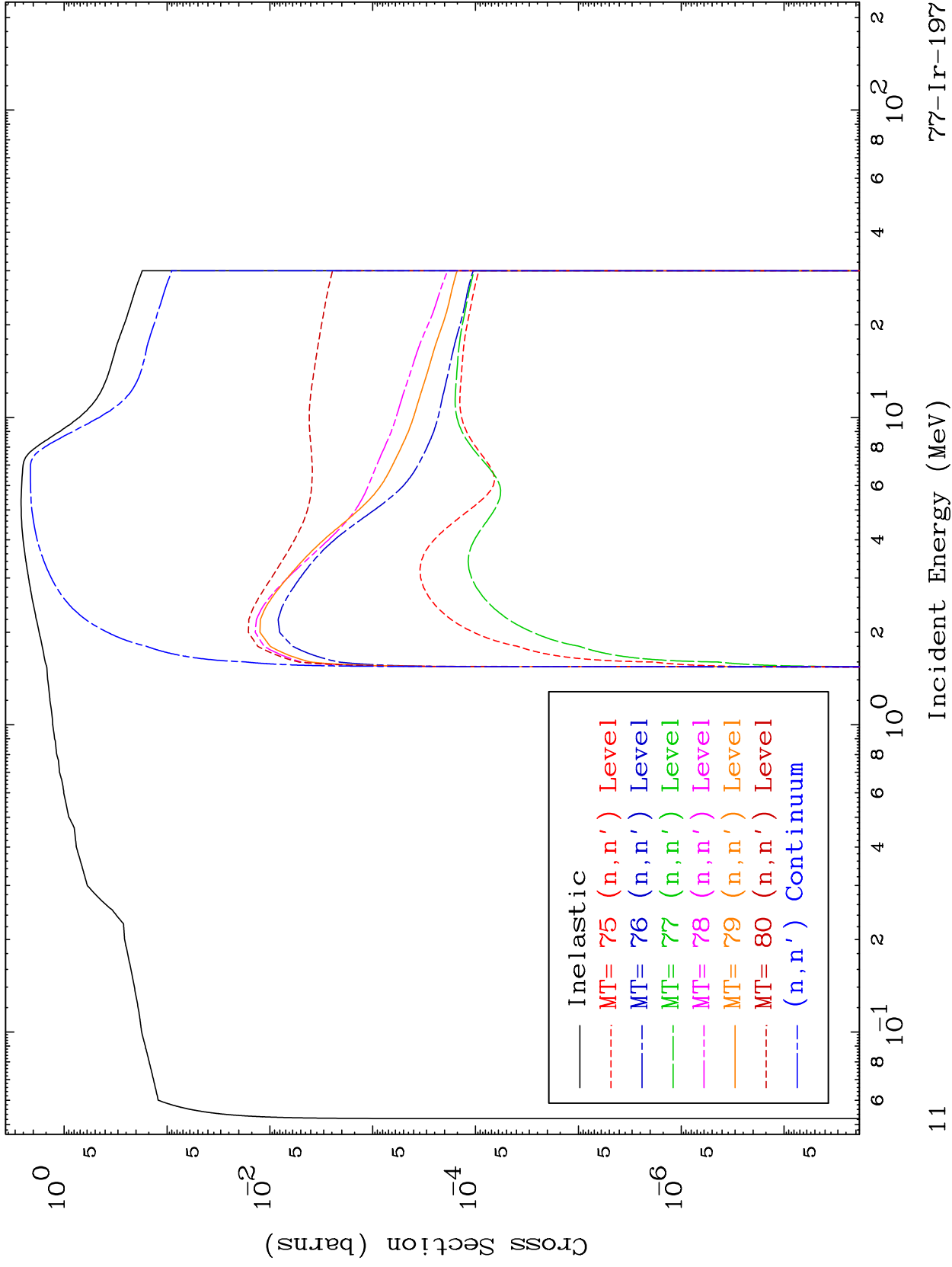


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MAT 7743

293 Kelvin Cross Sections  
(n,n') Levels

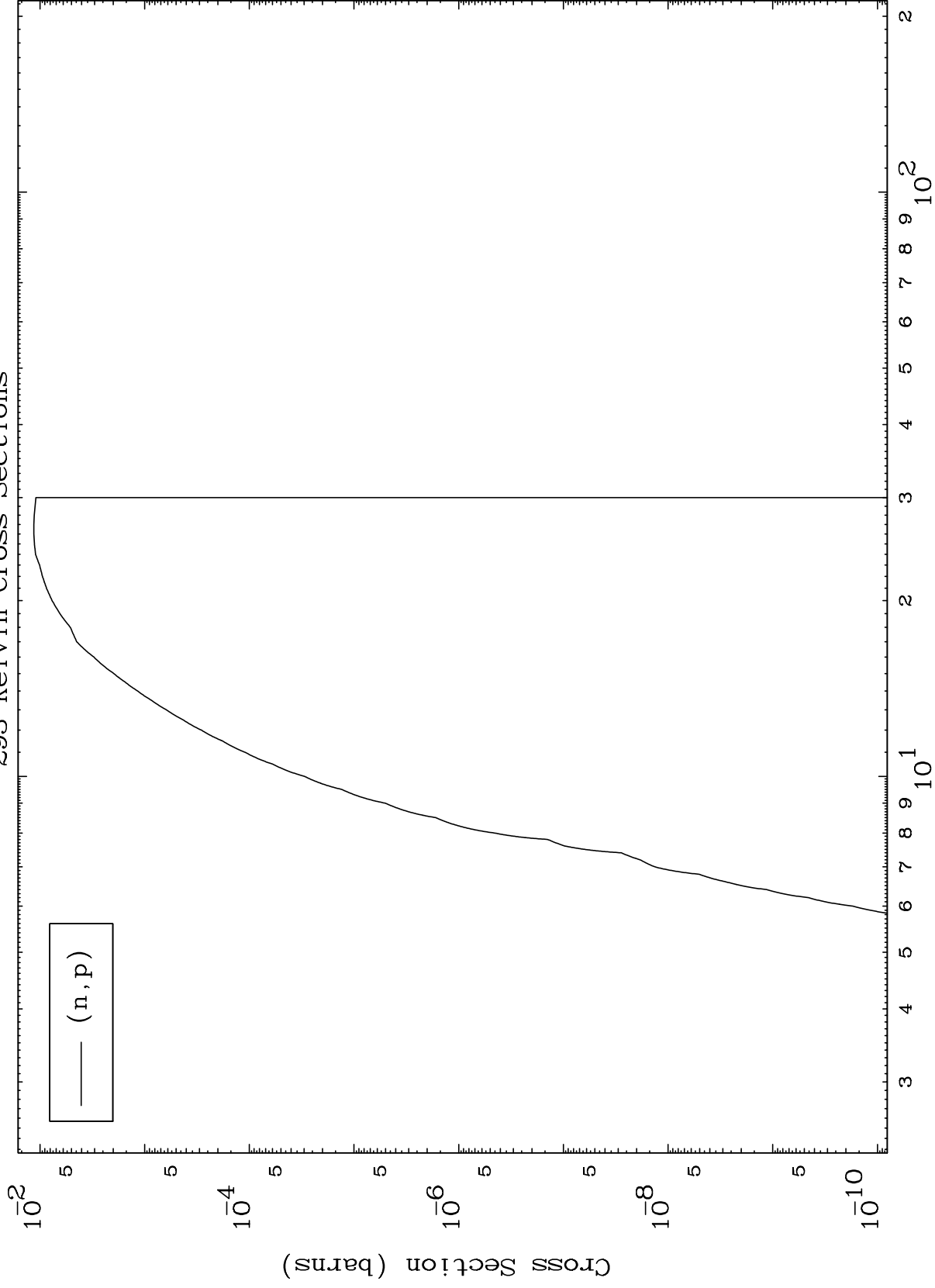
77-Ir-197



MAT 7743

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-197



12

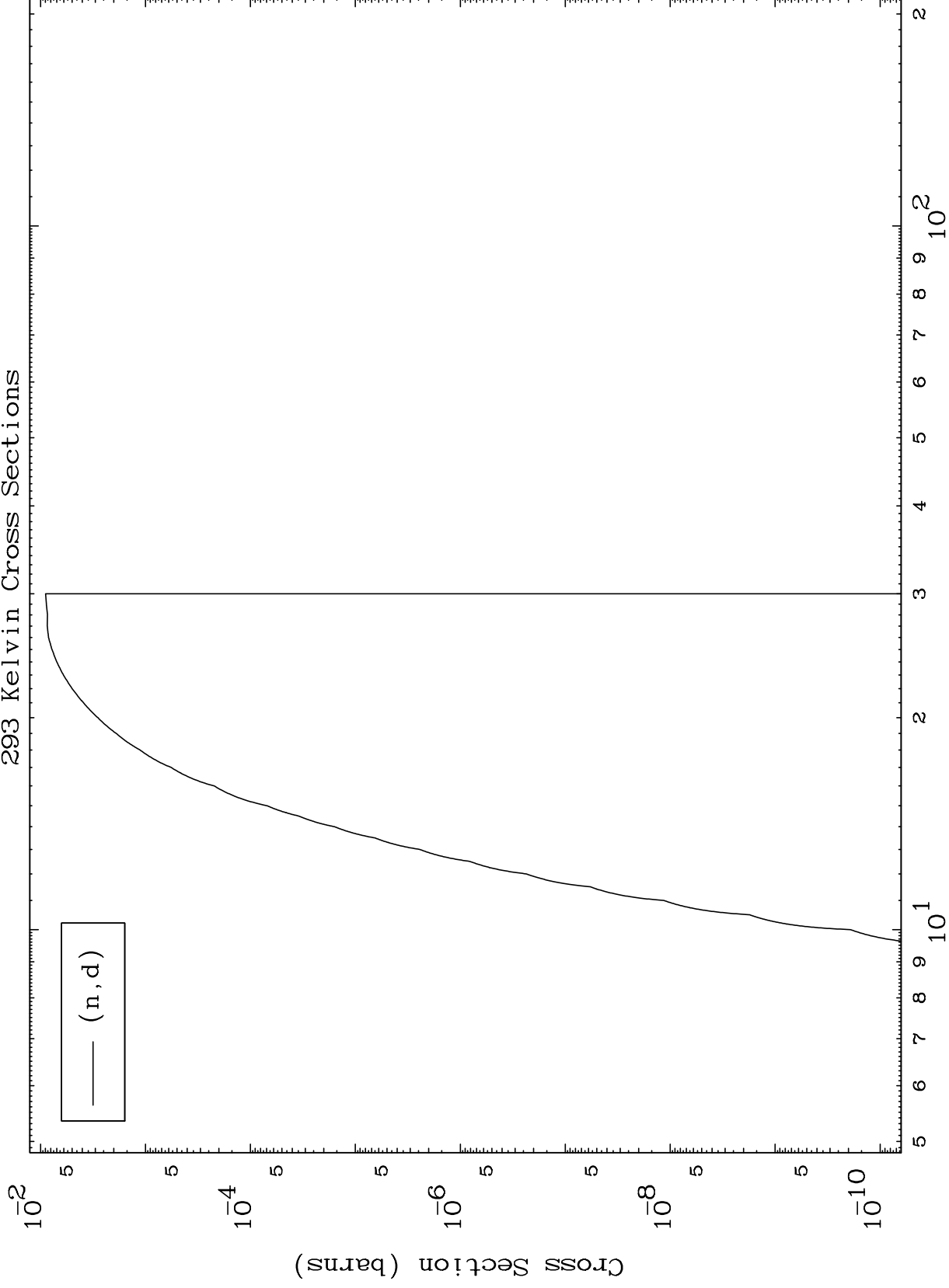
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-197



13

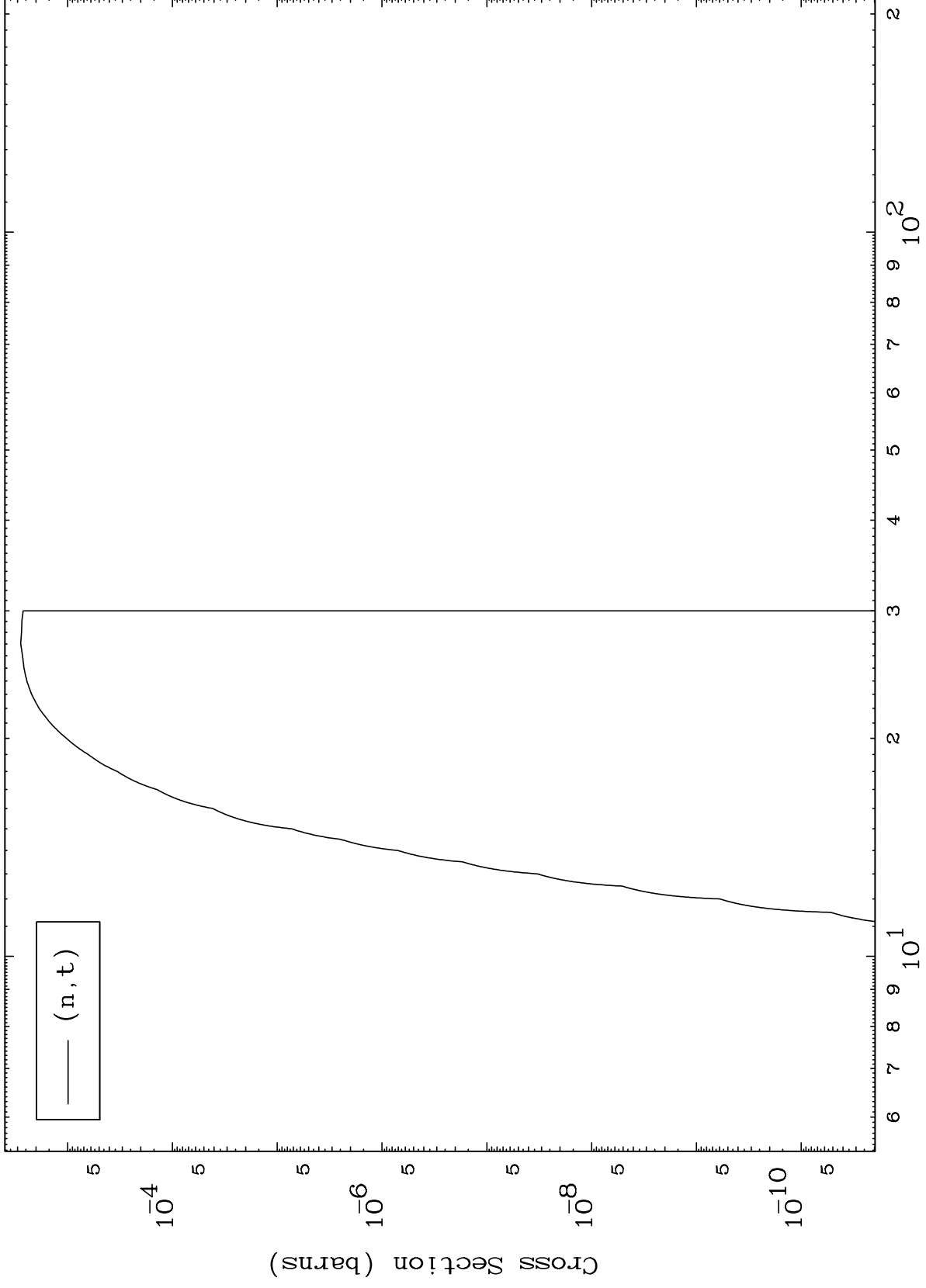
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-197



14

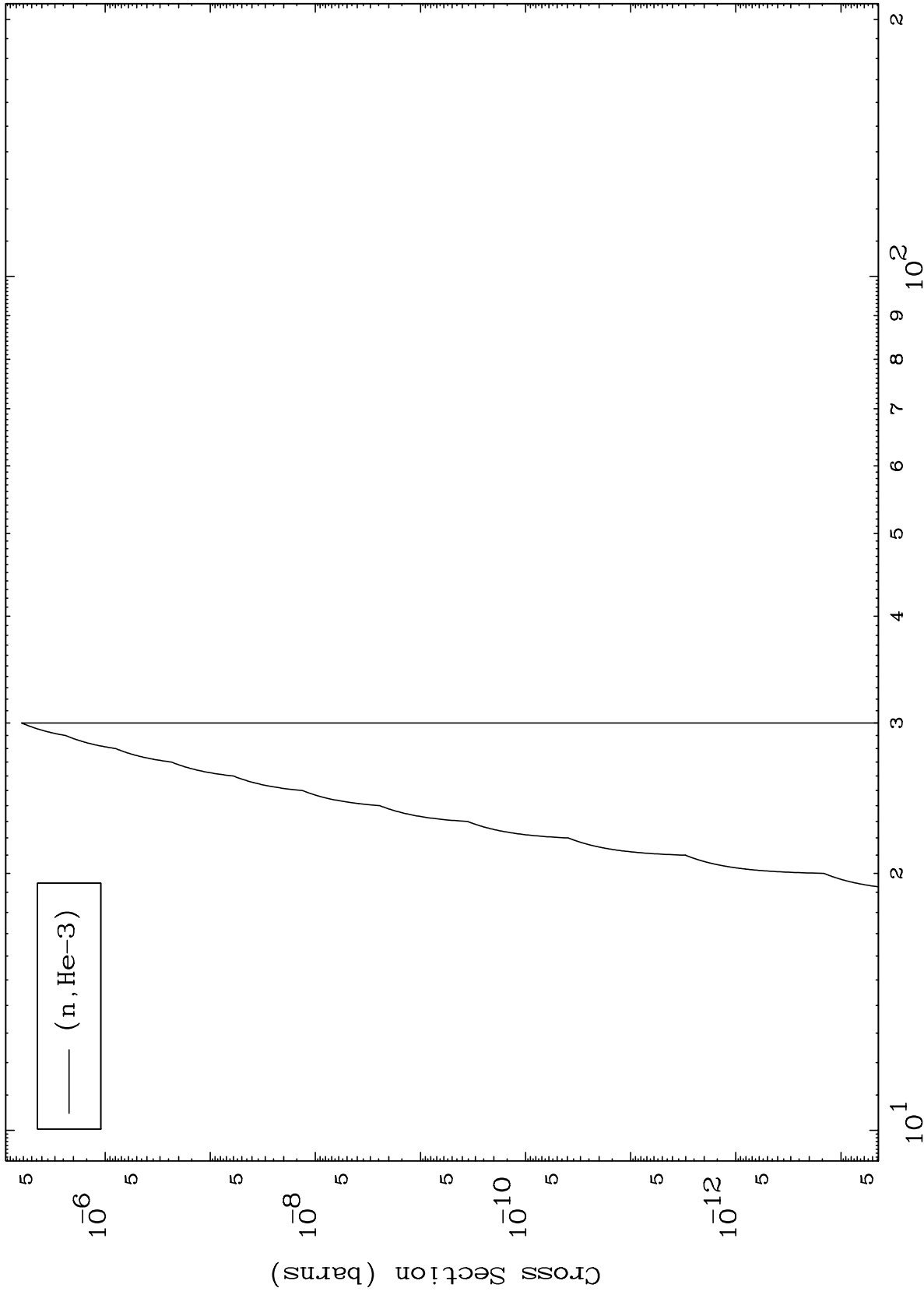
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-197



Incident Energy (MeV)

77-Ir-197

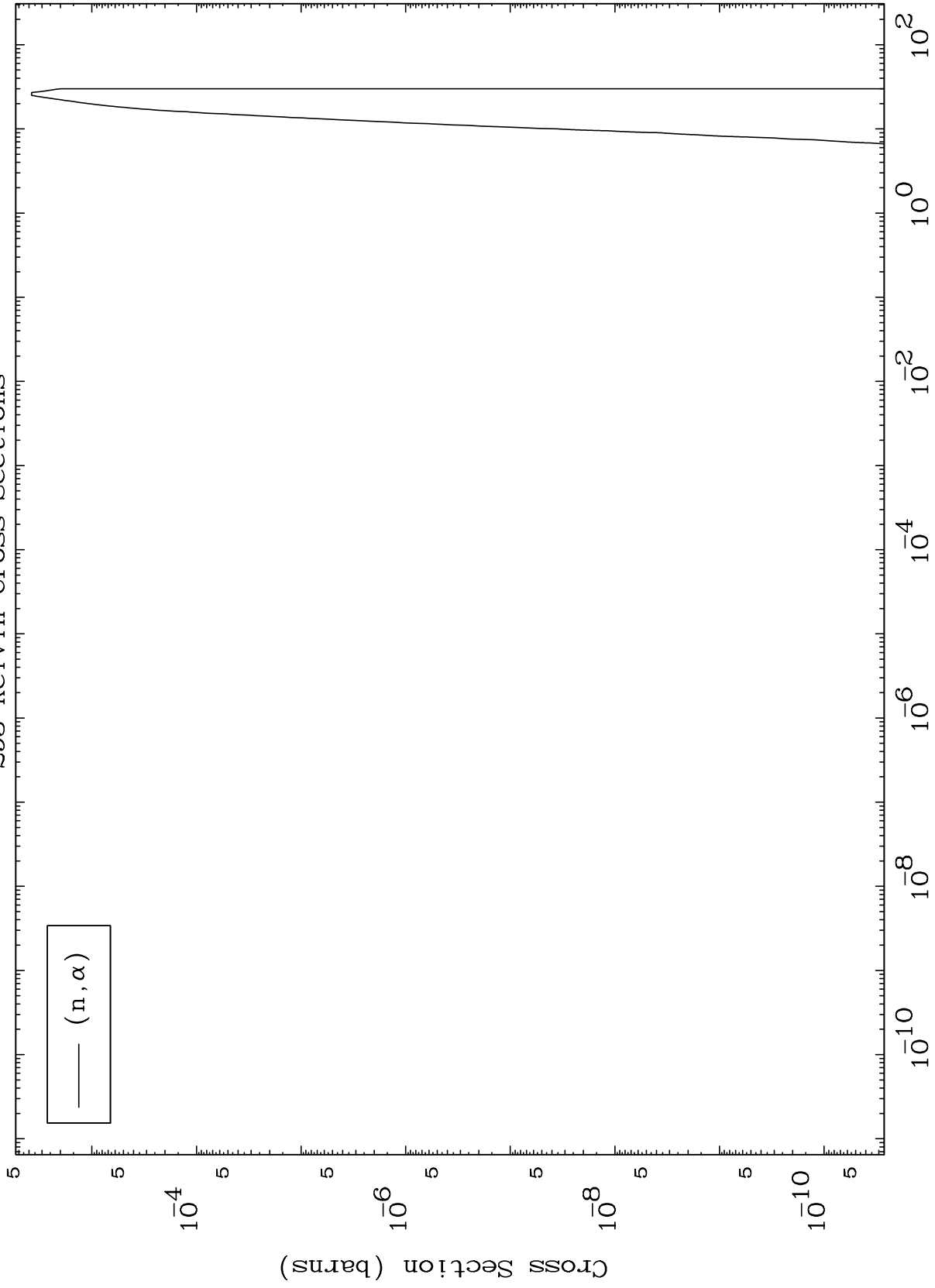
15



MAT 7743

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

77-Ir-197



16

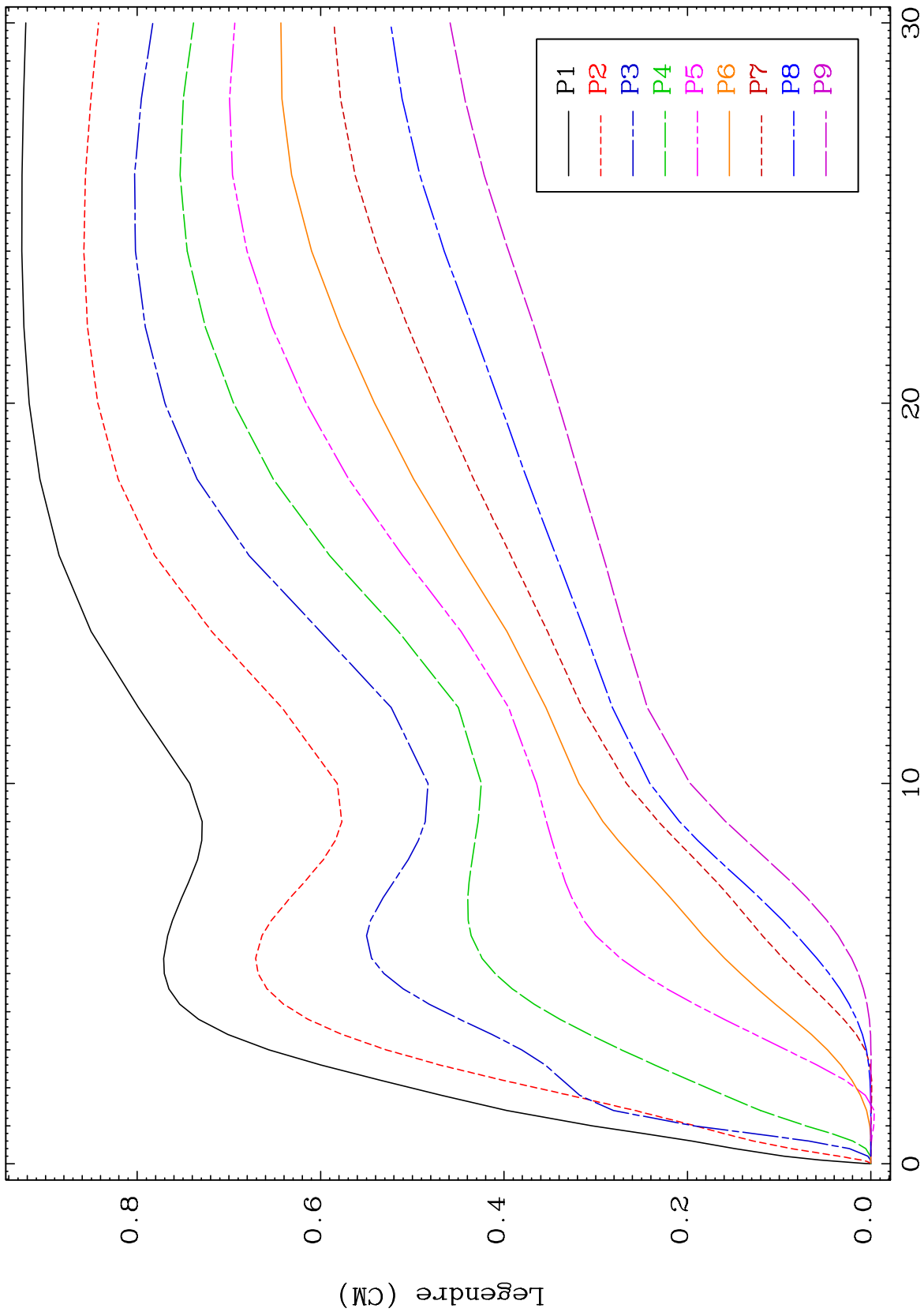
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

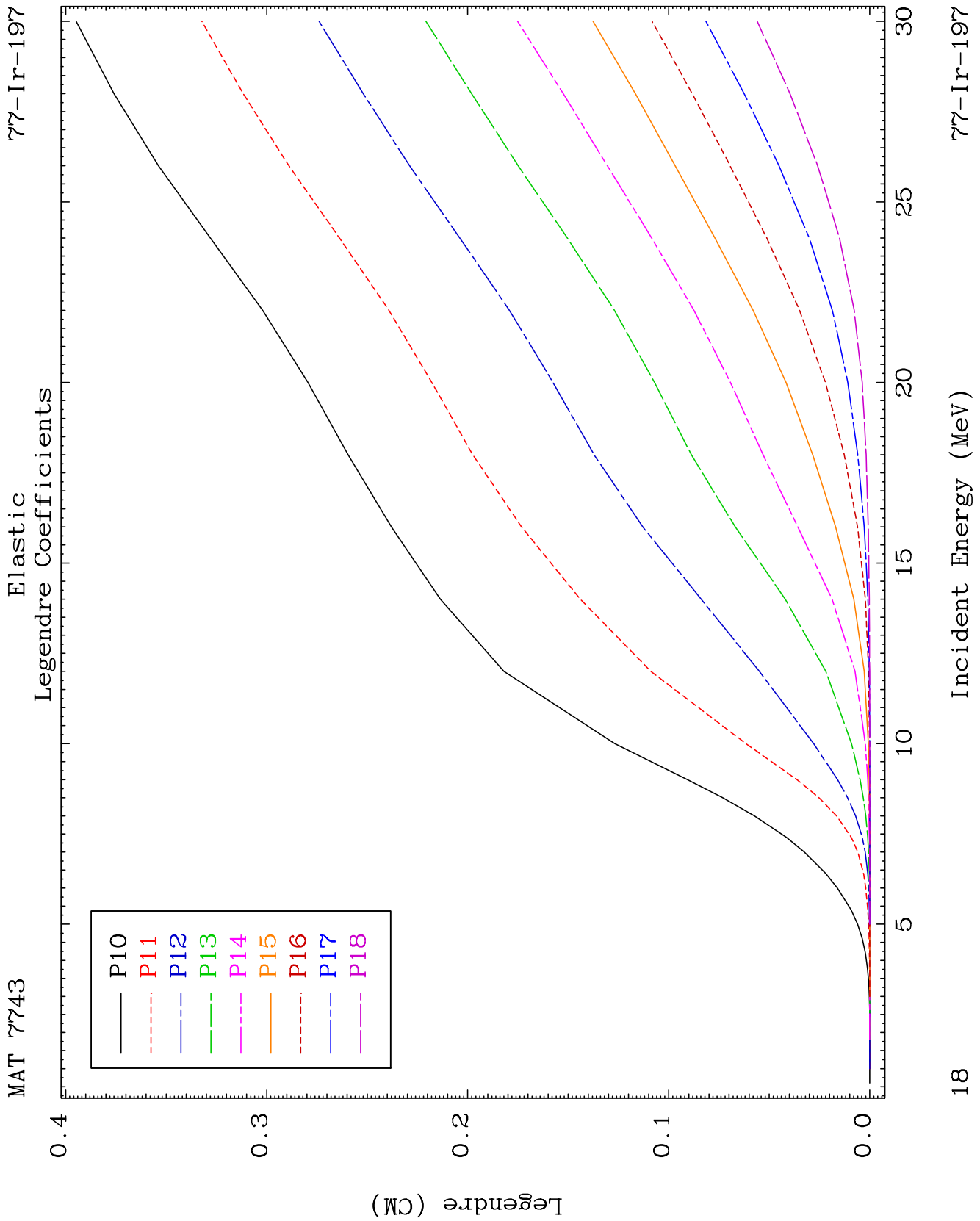
Elastic Legendre Coefficients



77-Ir-197

Incident Energy (MeV)

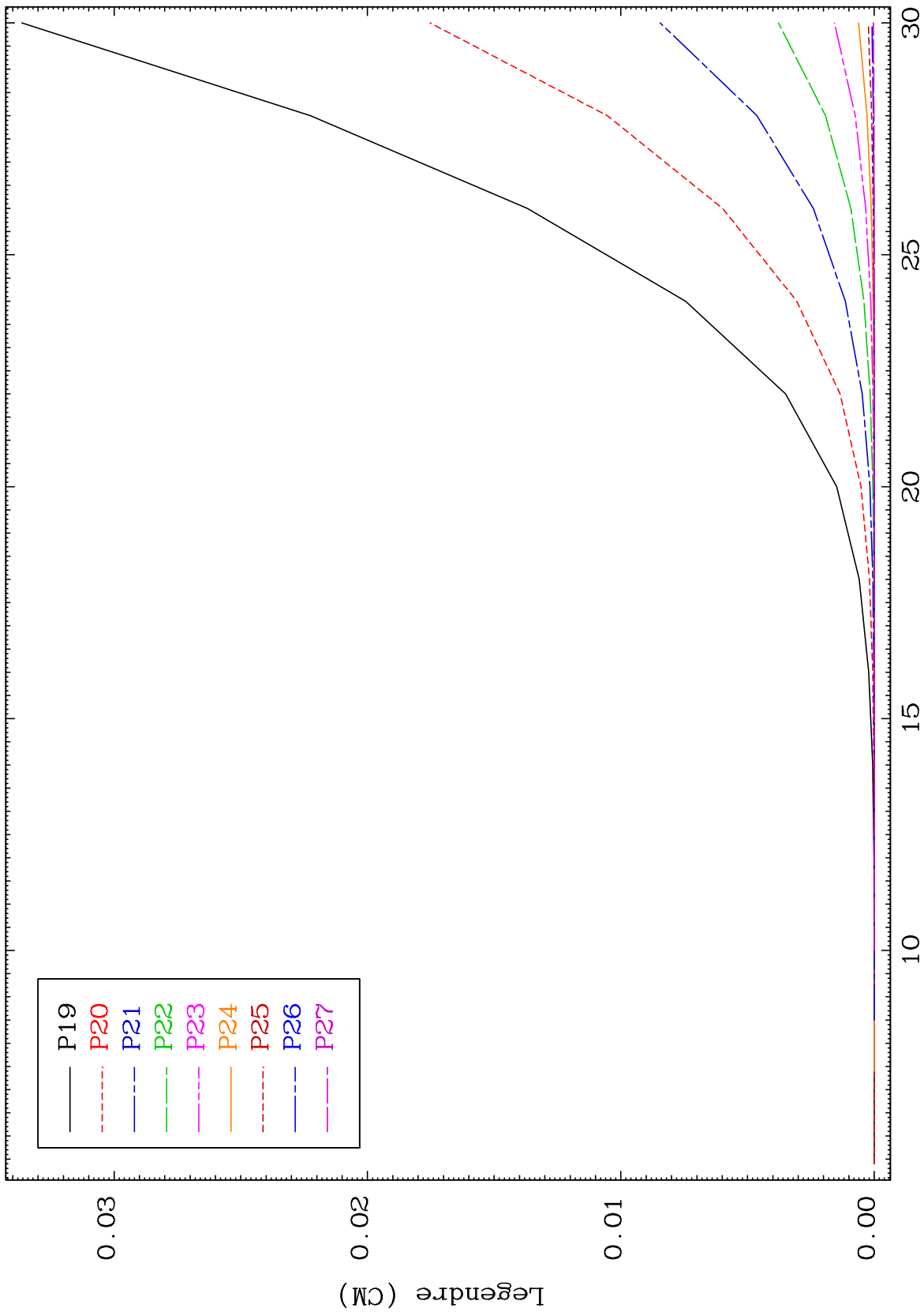
17



MAT 7743

### Elastic Legendre Coefficients

77-Ir-197



19

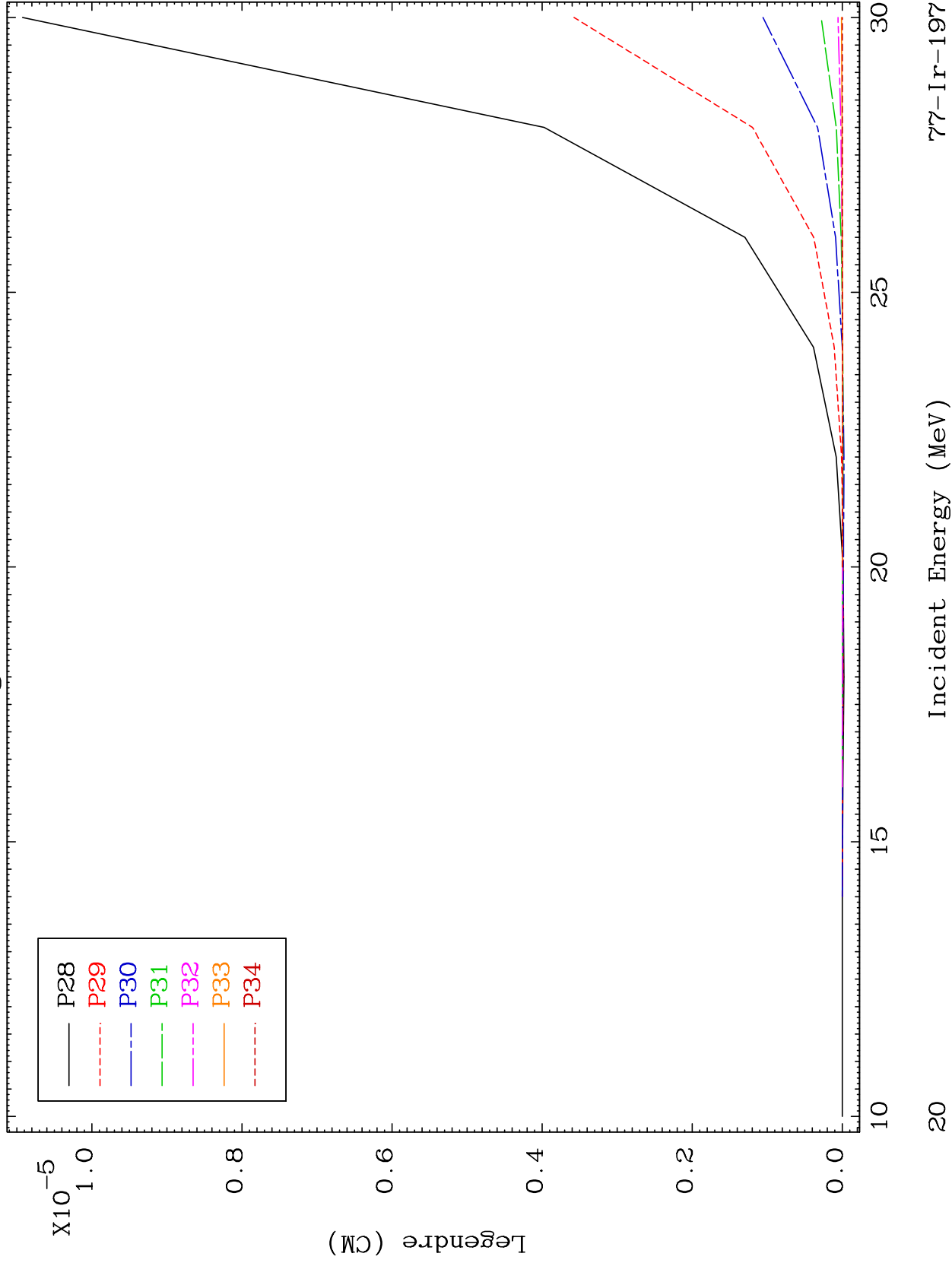
Incident Energy (MeV)

77-Ir-197

MAT 7743

Elastic Legendre Coefficients

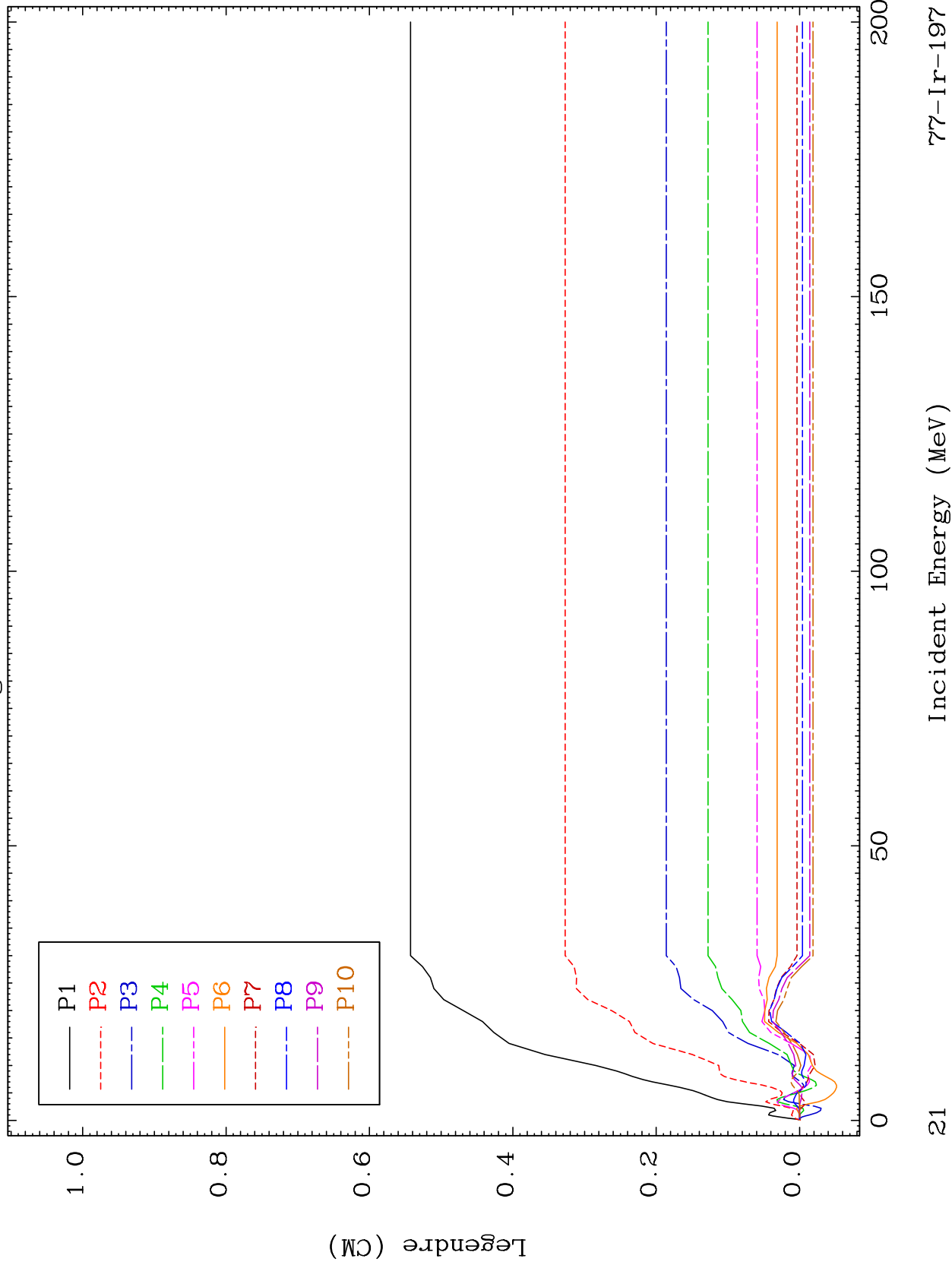
77-Ir-197



MAT 7743

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

77-Ir-197

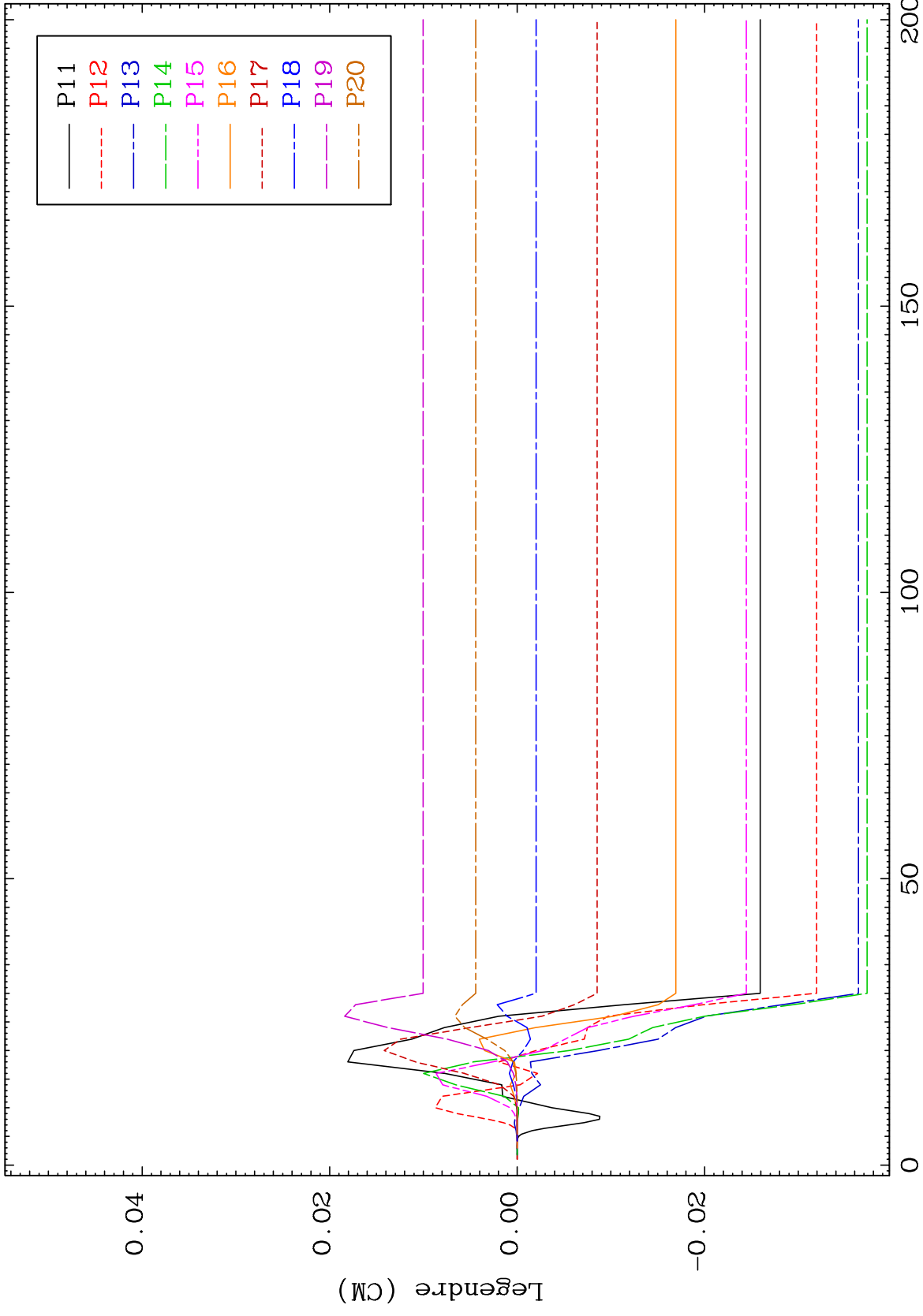


21

MAT 7743

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

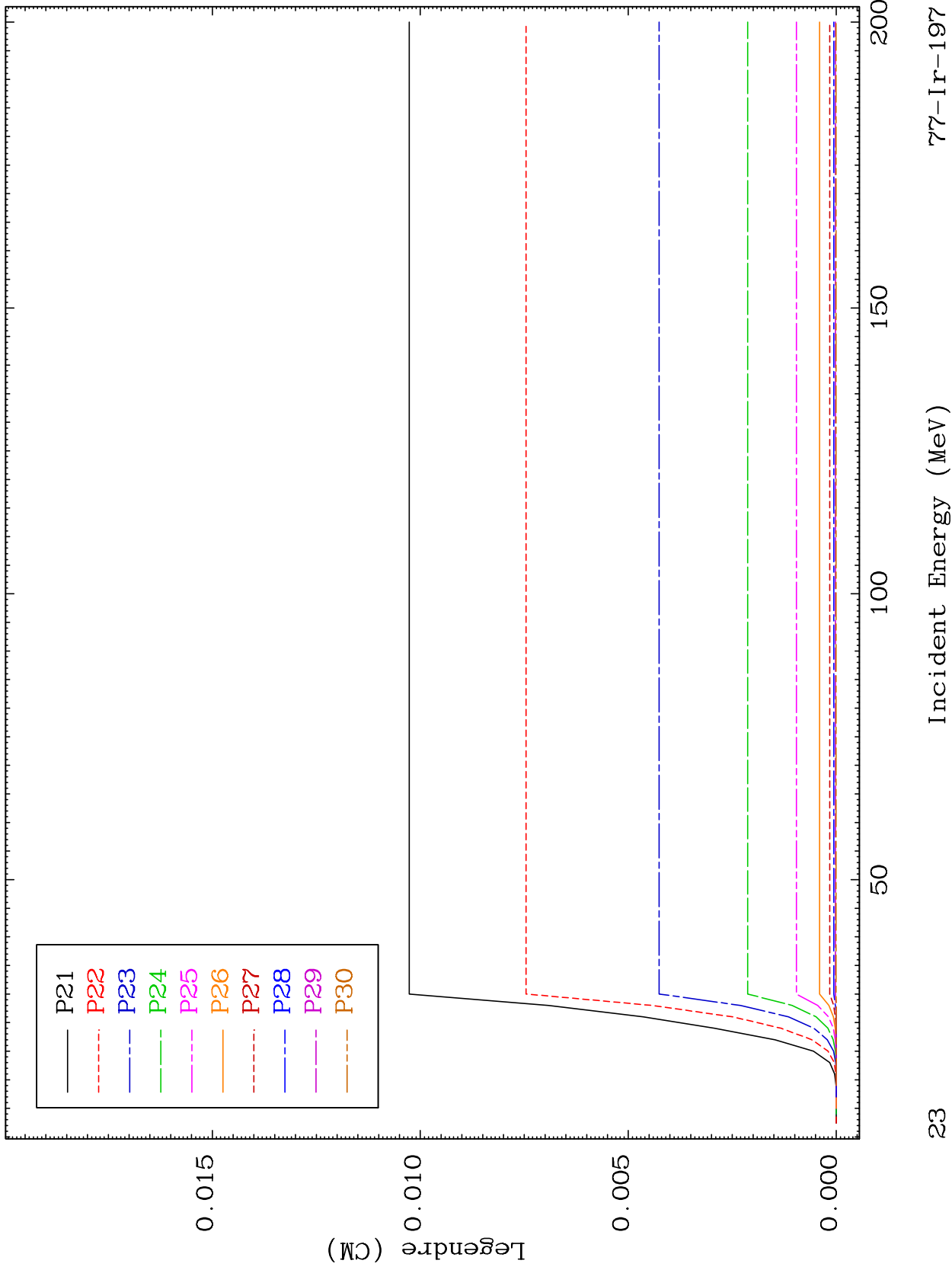
77-Ir-197



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Incident Energy (MeV)

77-Ir-197

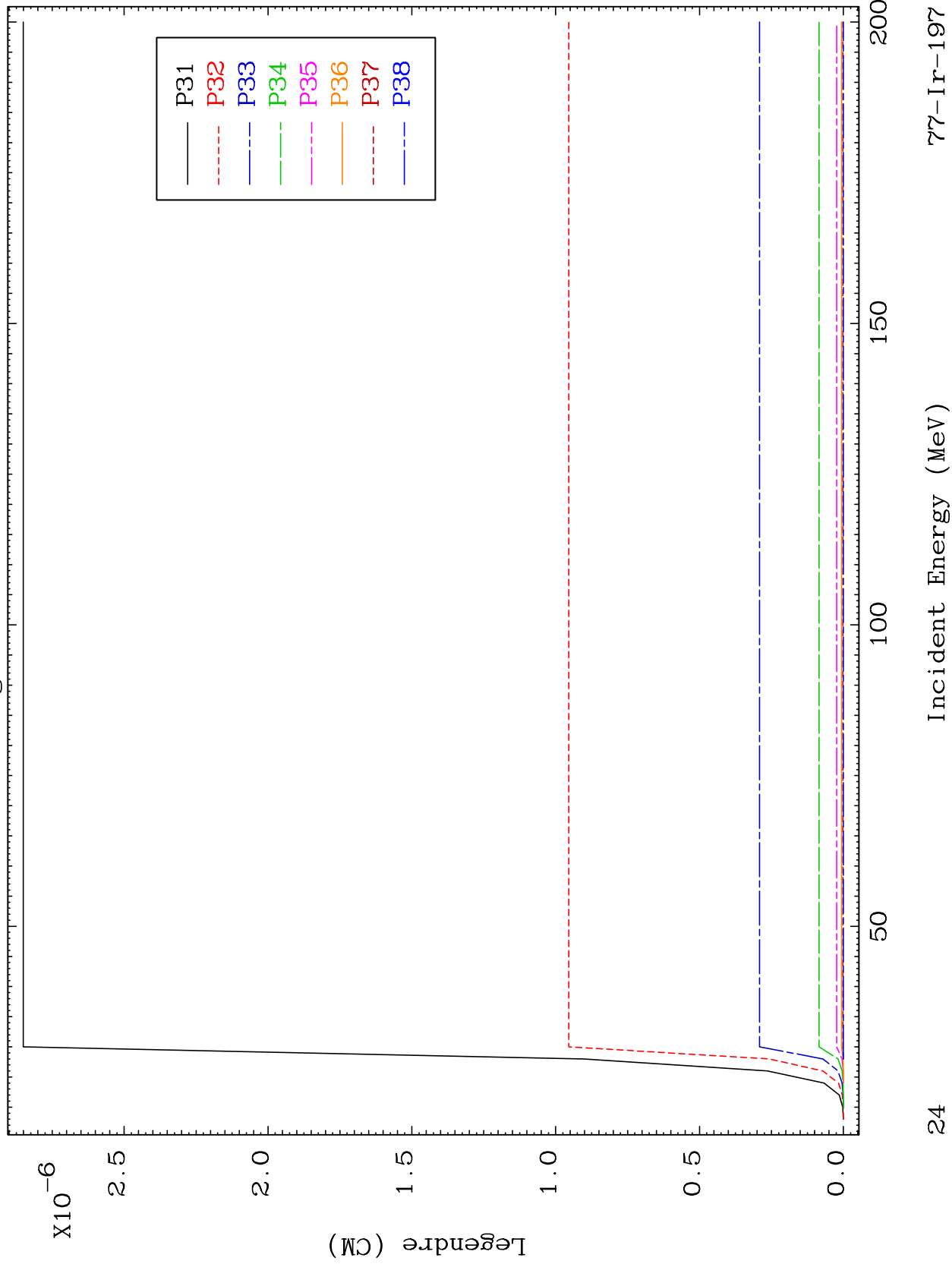




MAT 7743

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

77-Ir-197



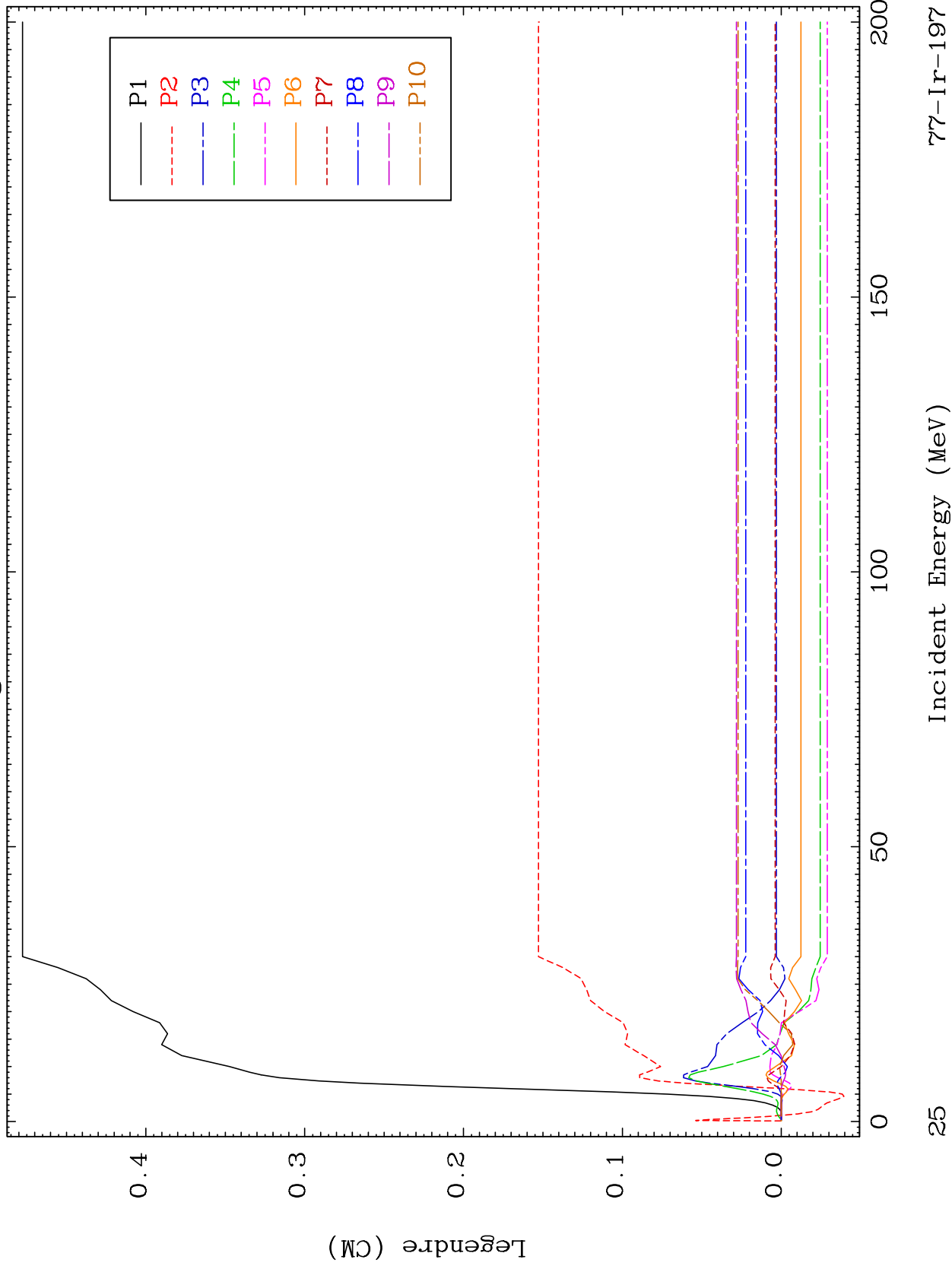
24

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

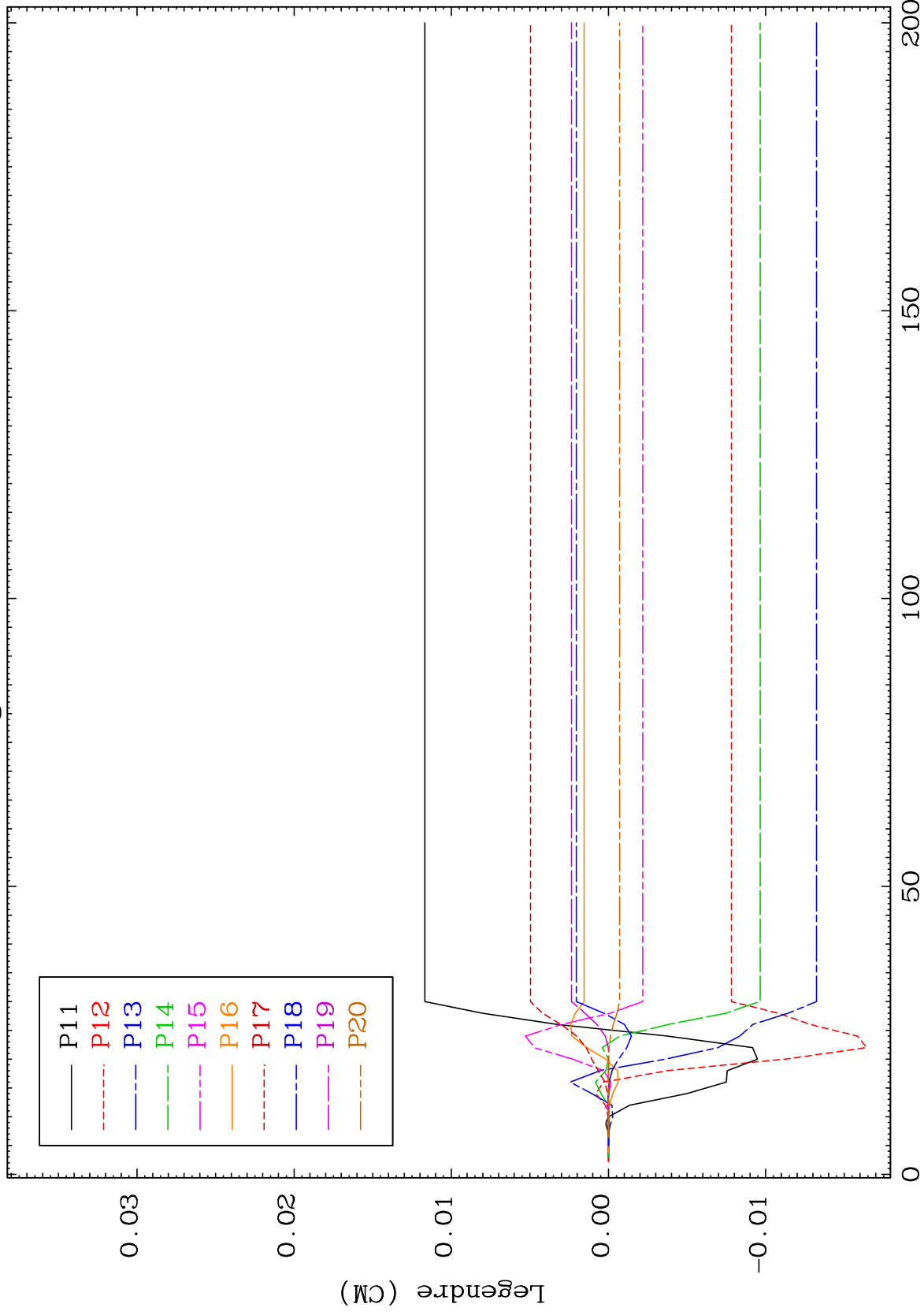
Incident Energy (MeV)

25

MAT 7743

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

77-Ir-197



26

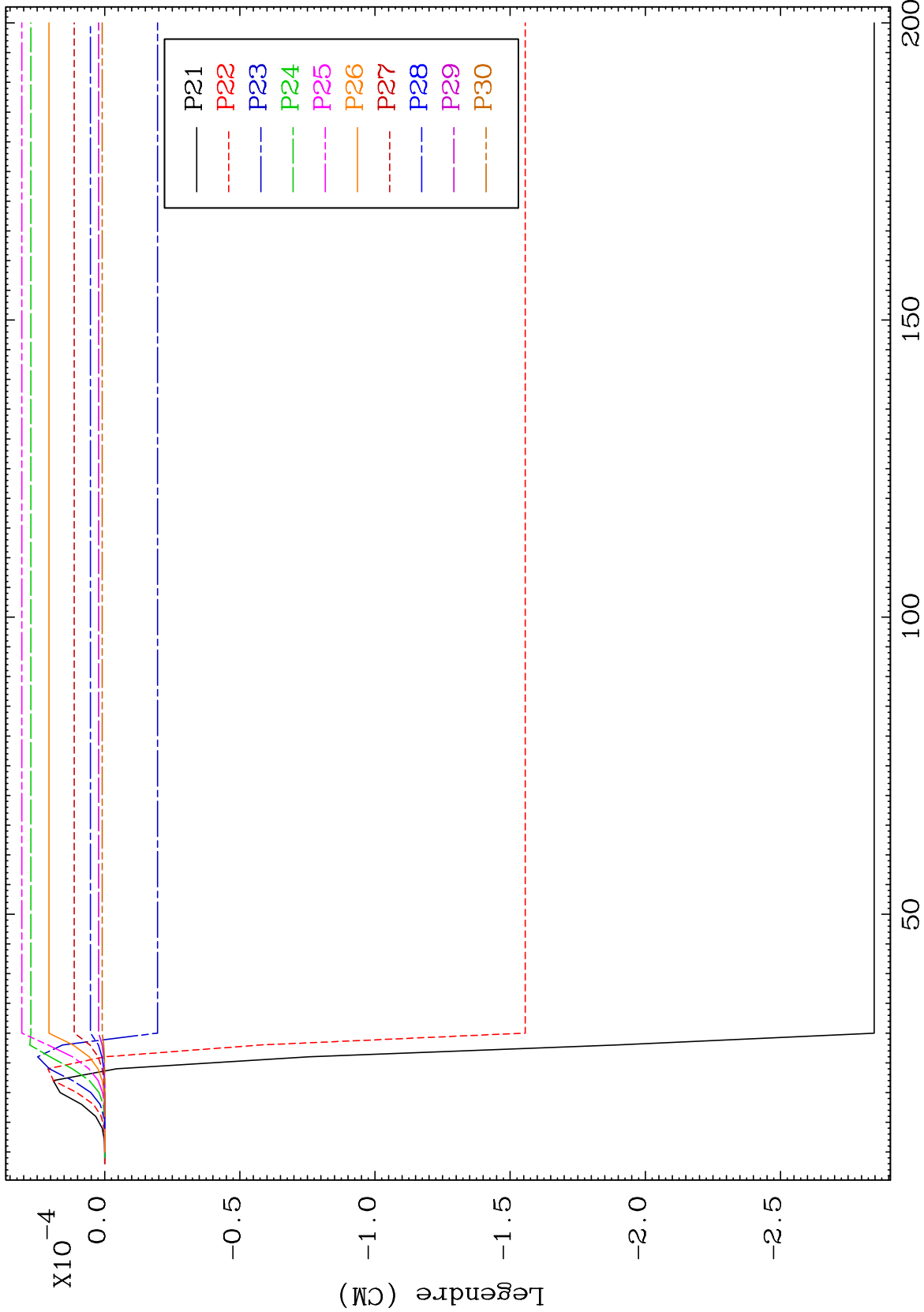
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

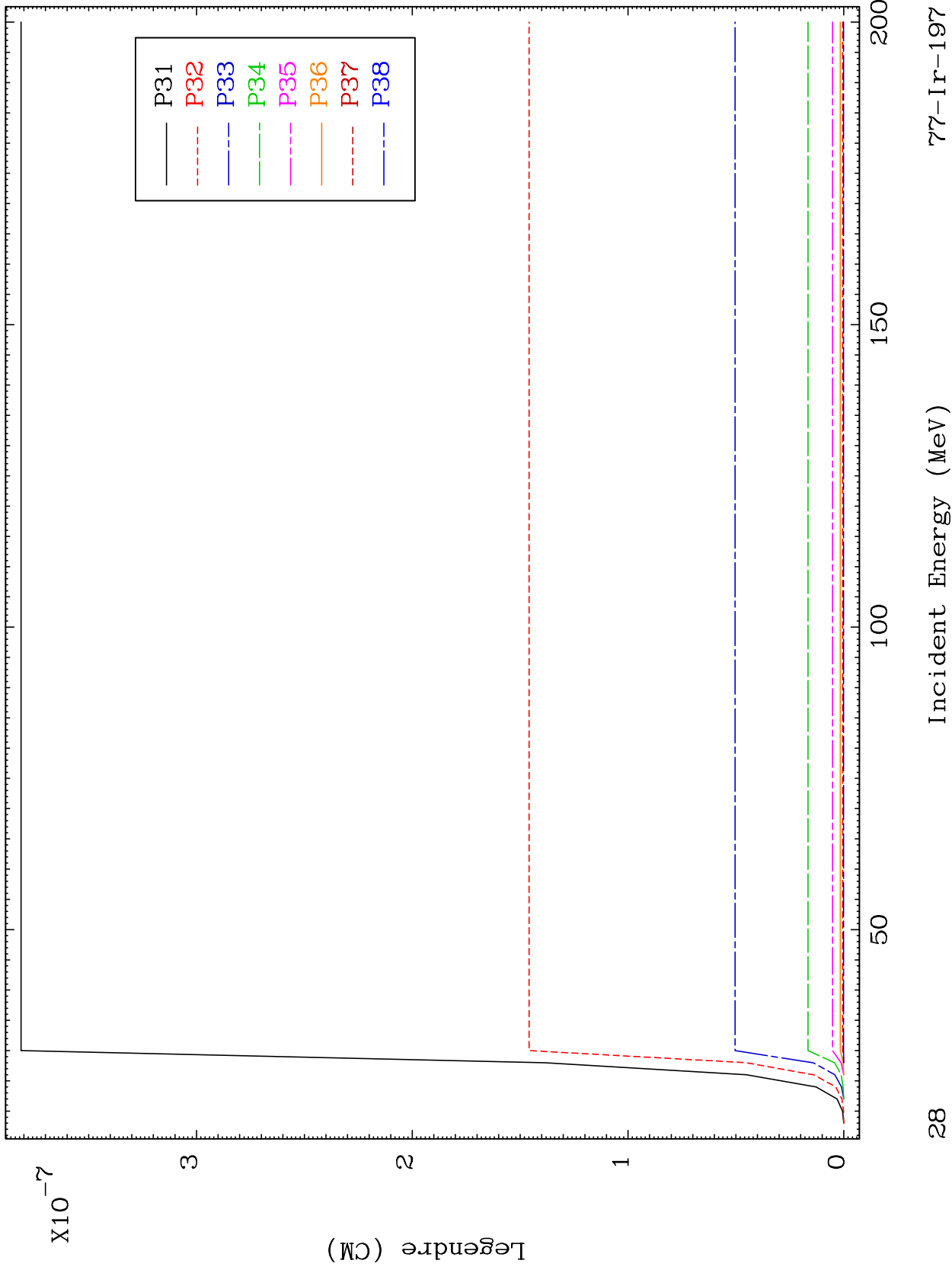
77-Ir-197



MAT 7743

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

77-Ir-197



28

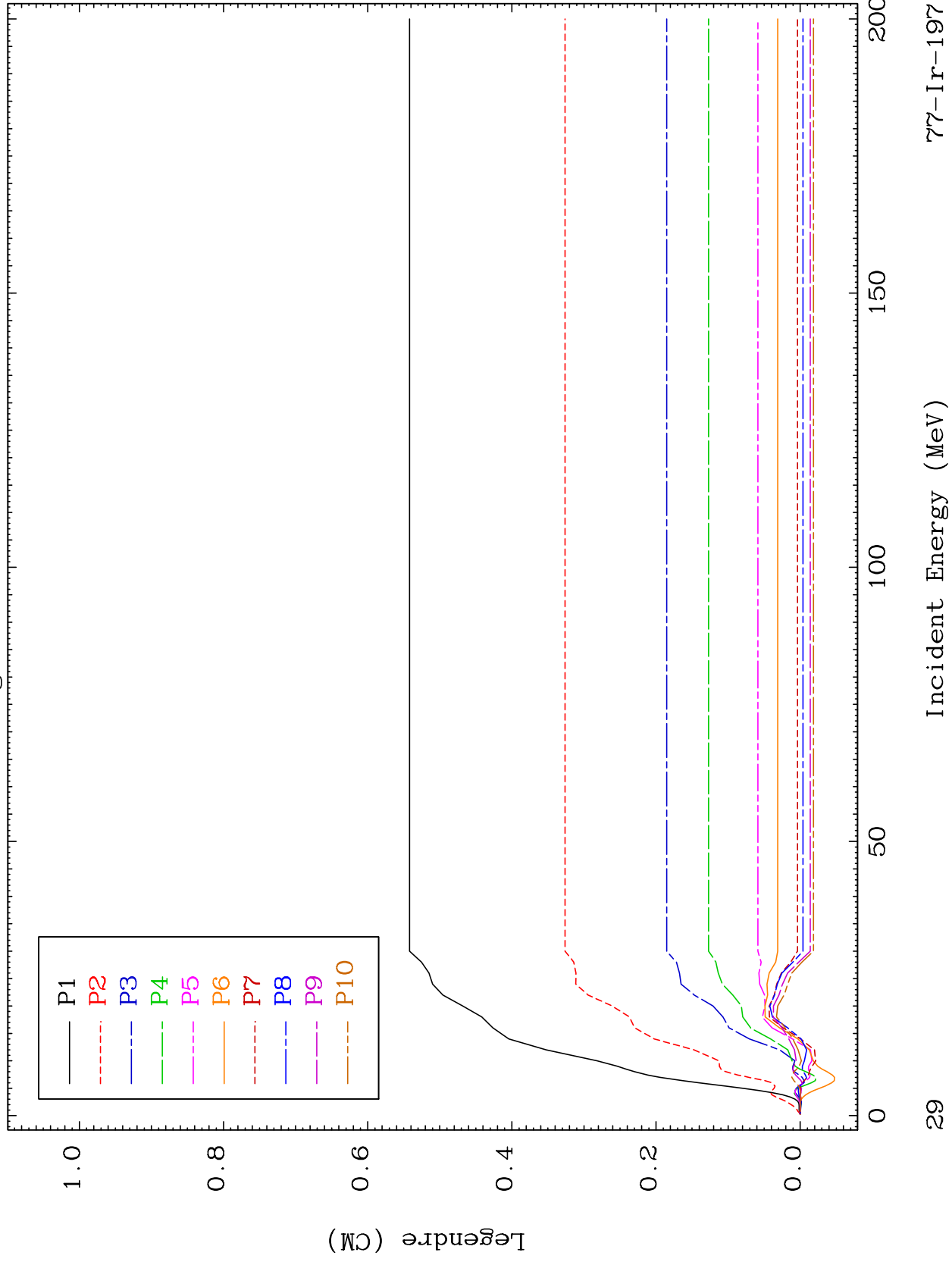
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



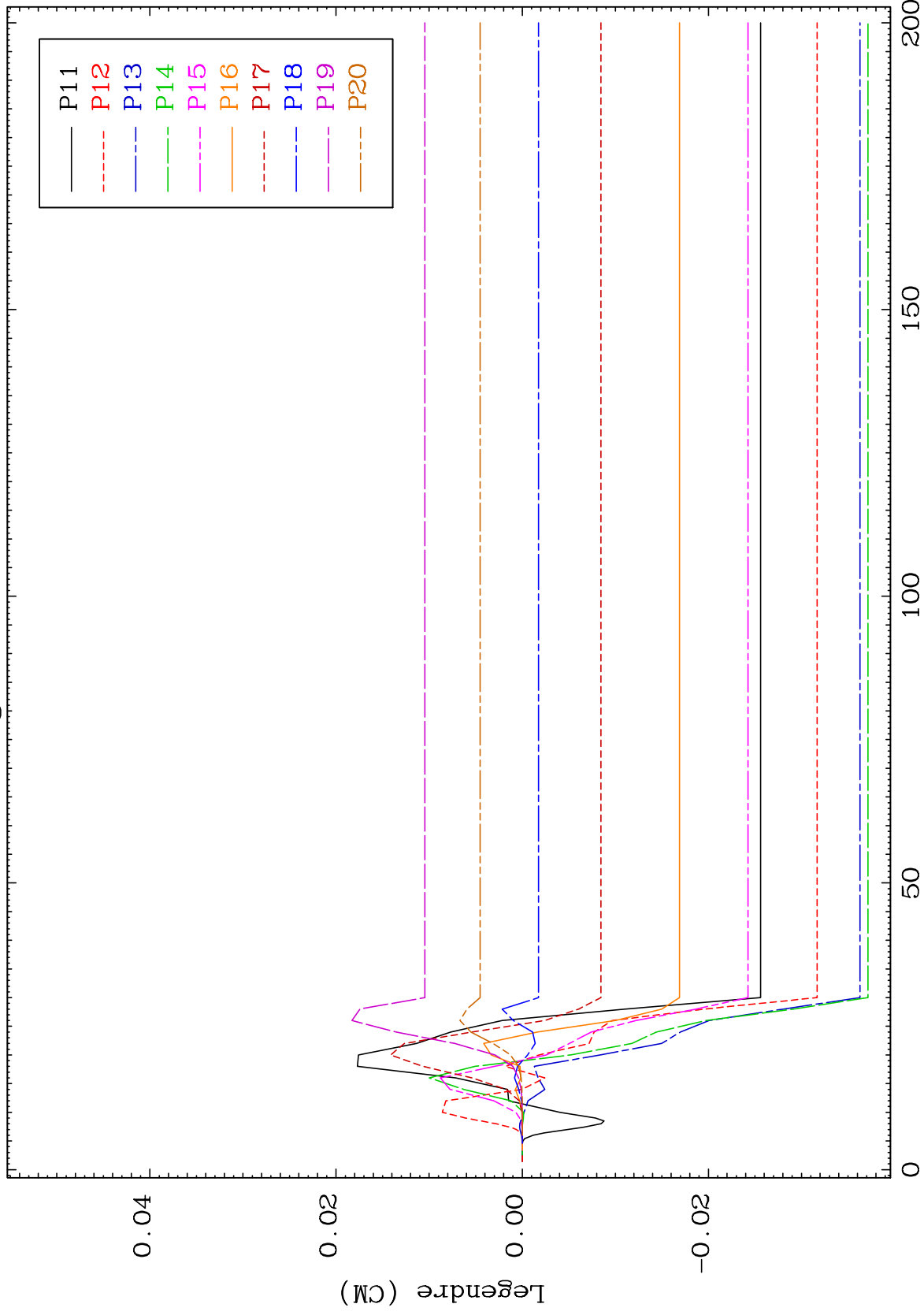
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77-Ir-197

MAT 7743

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

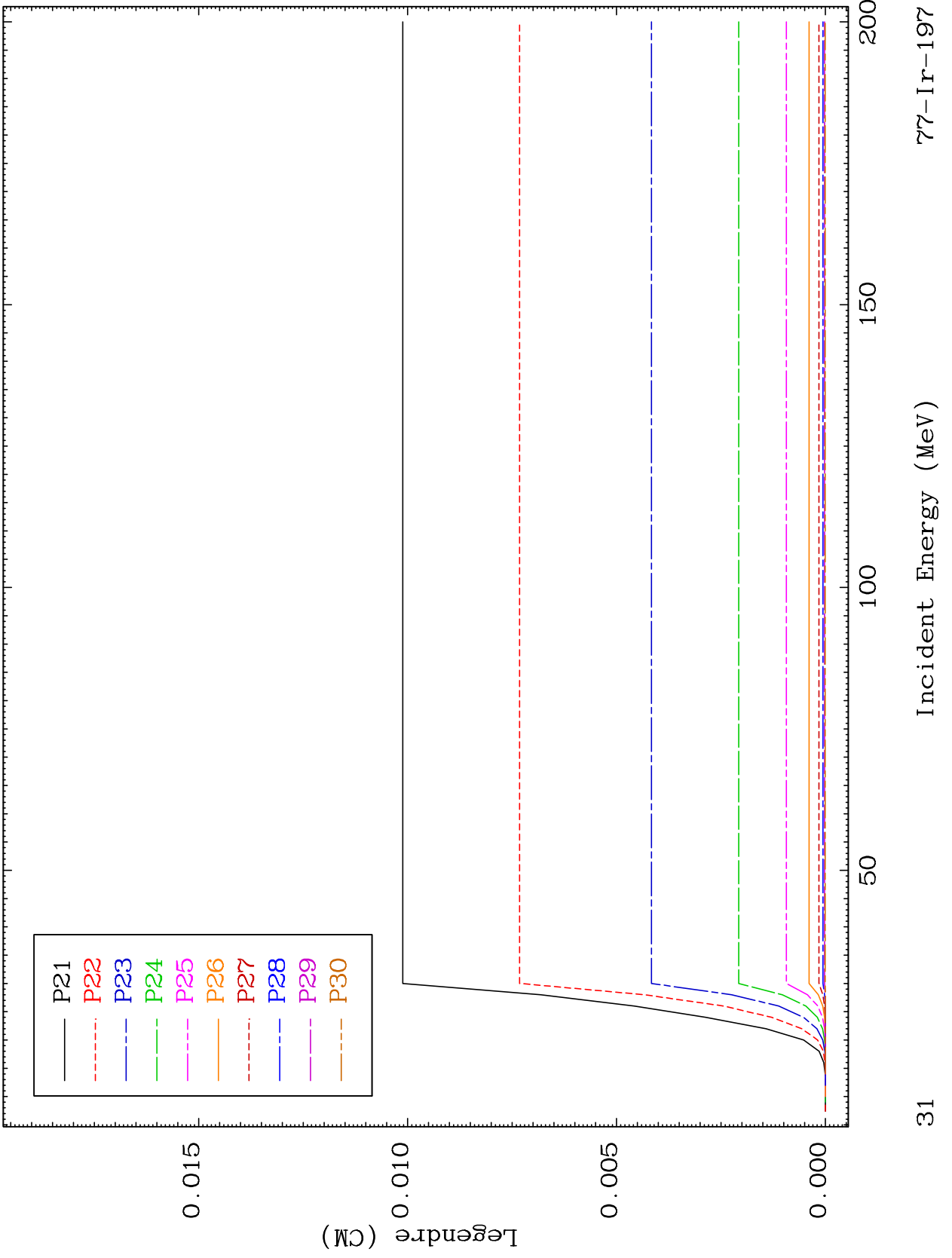
77-Ir-197



30

Incident Energy (MeV)

77-Ir-197

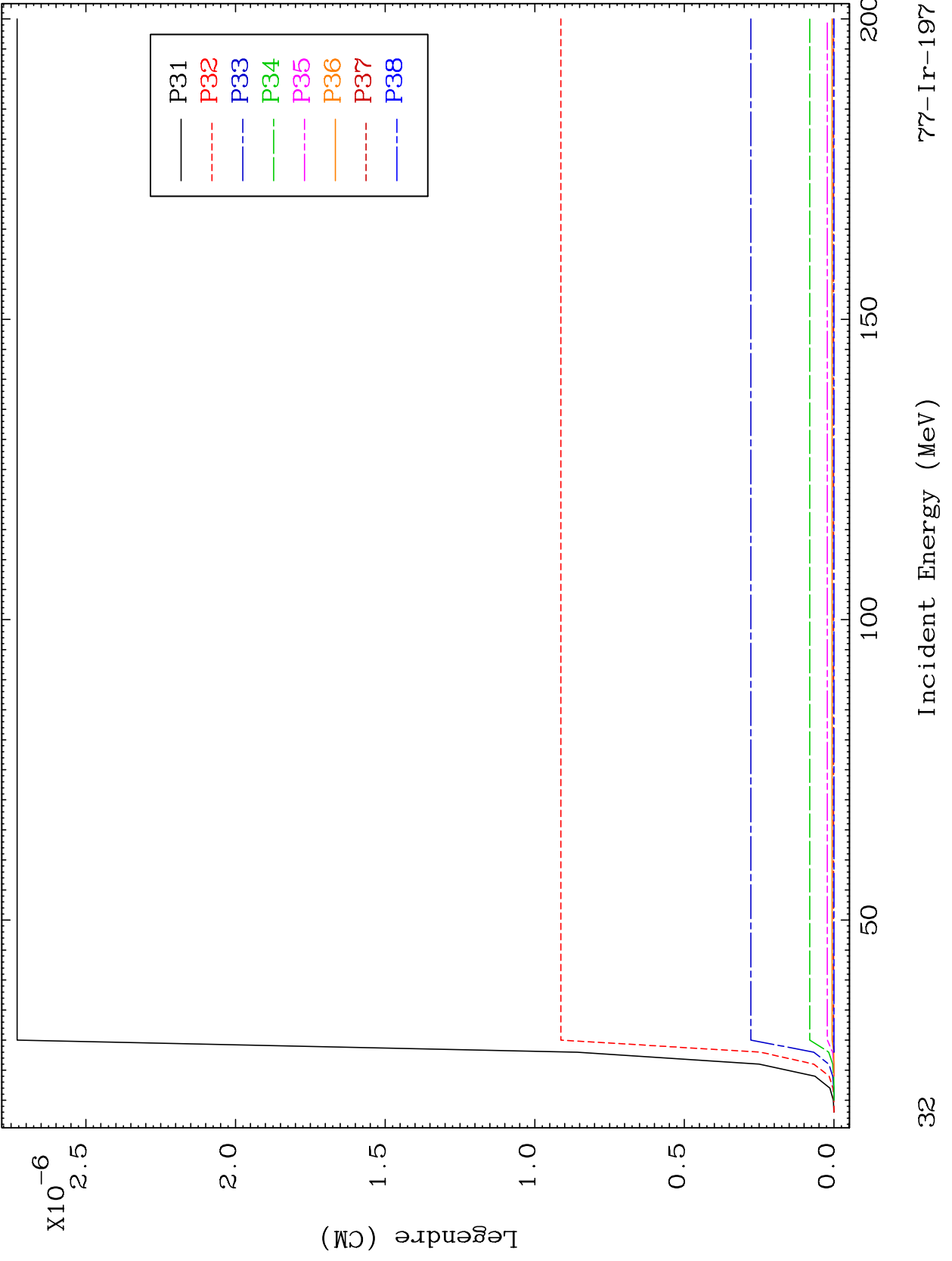




MAT 7743

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

77-Ir-197



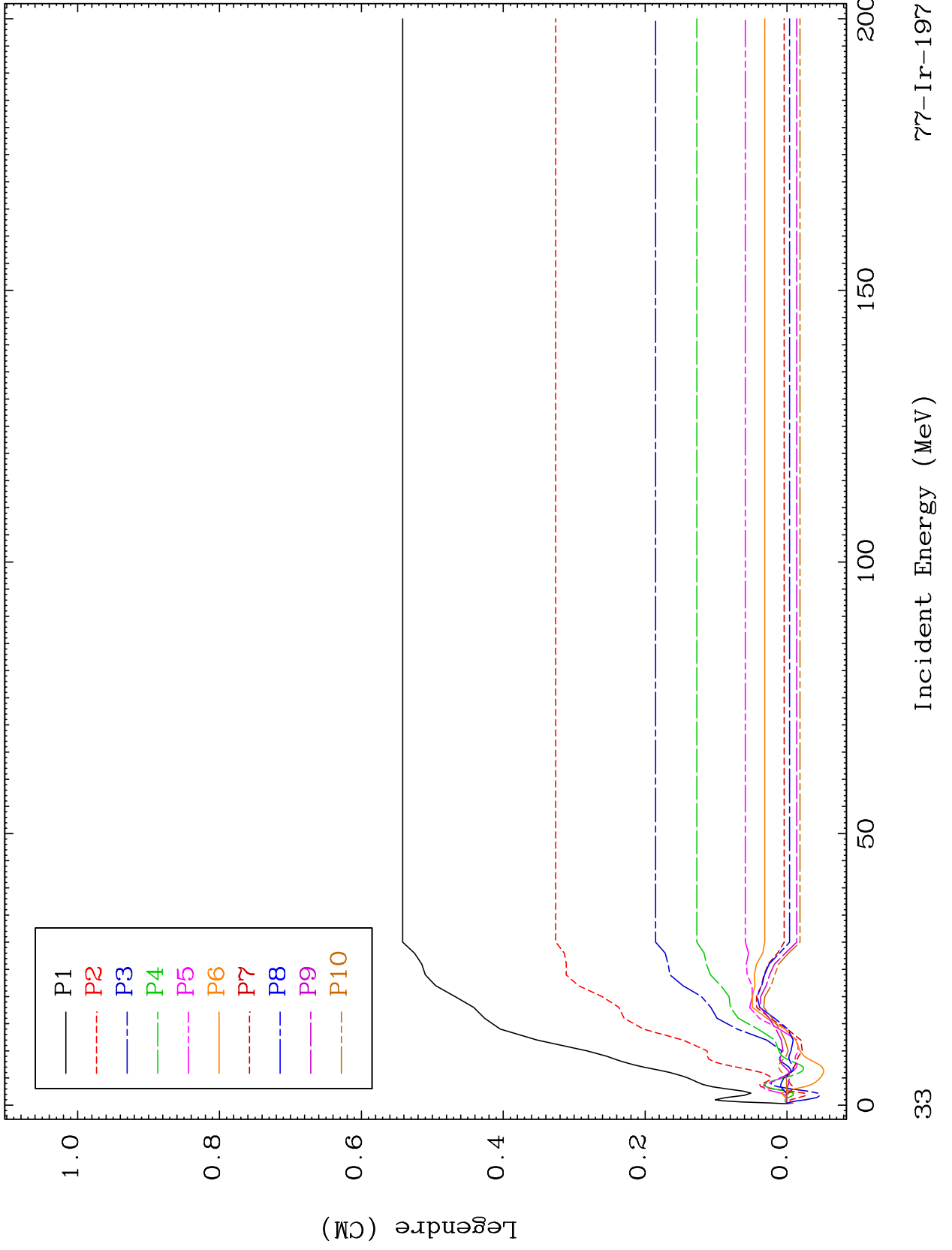
32

77-Ir-197

MAT 7743

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

77-Ir-197



33

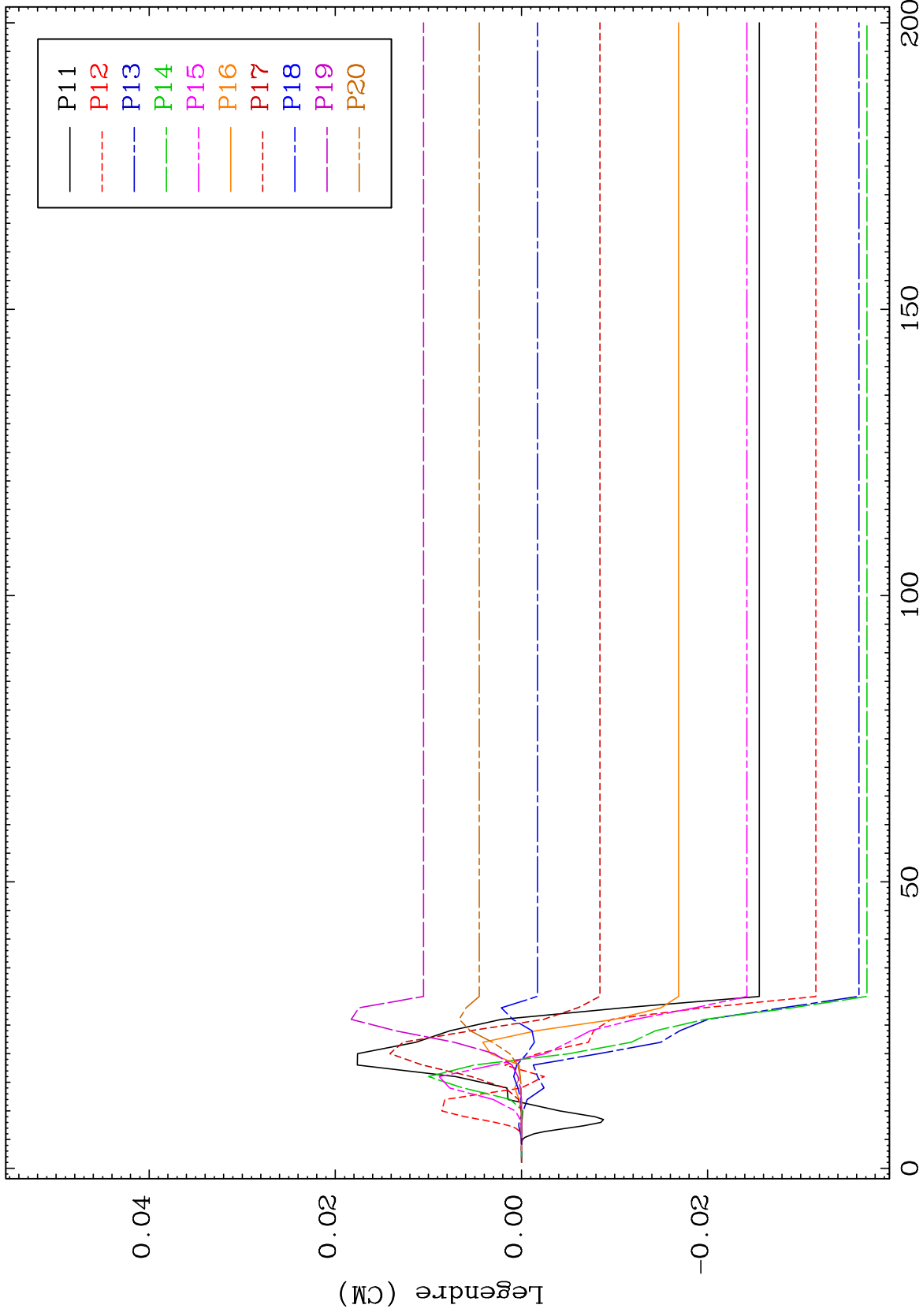
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



34

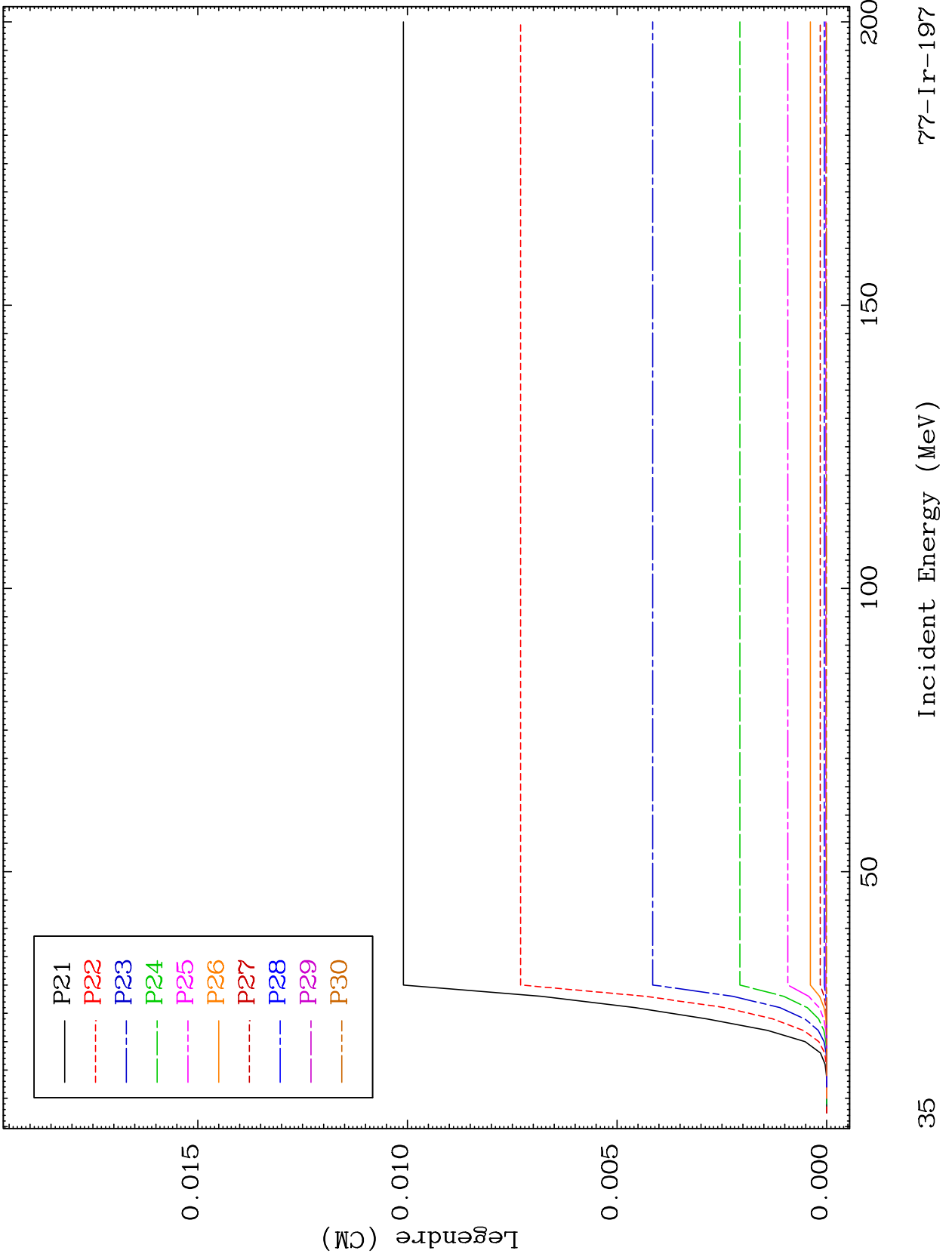
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

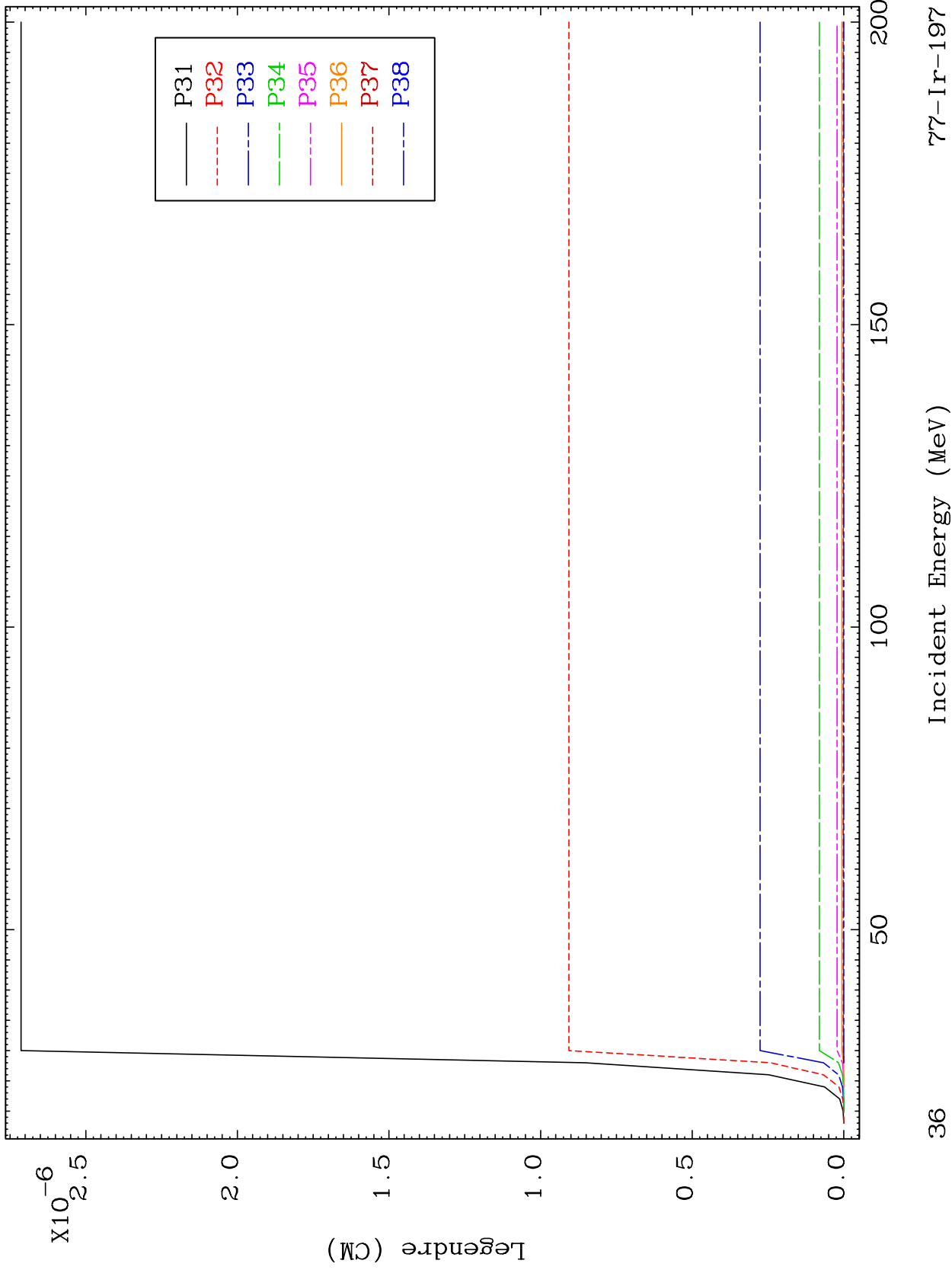
77-Ir-197



35

Incident Energy (MeV)

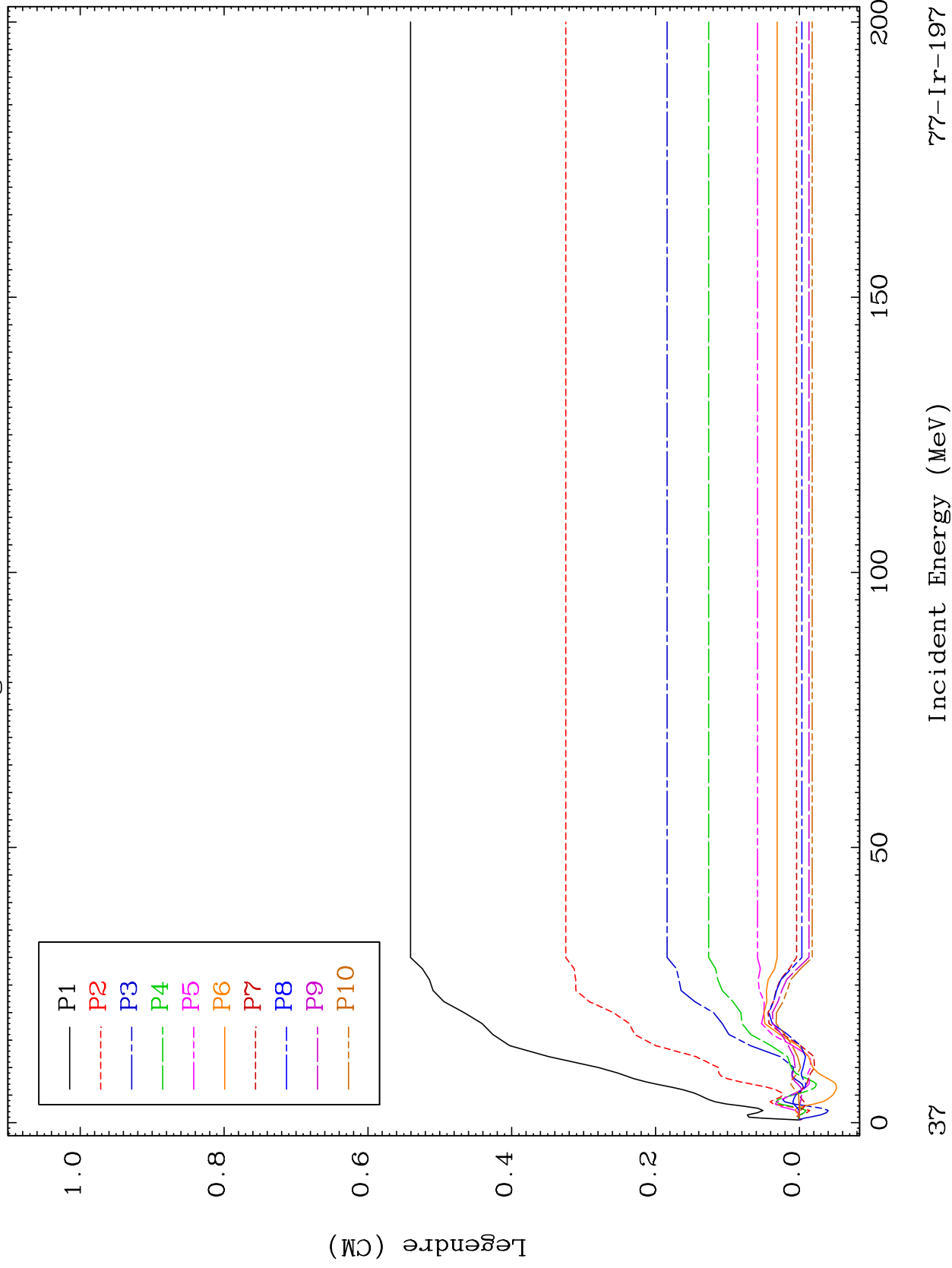
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

Incident Energy (MeV)

37

MAT 7743

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

77-Ir-197



38

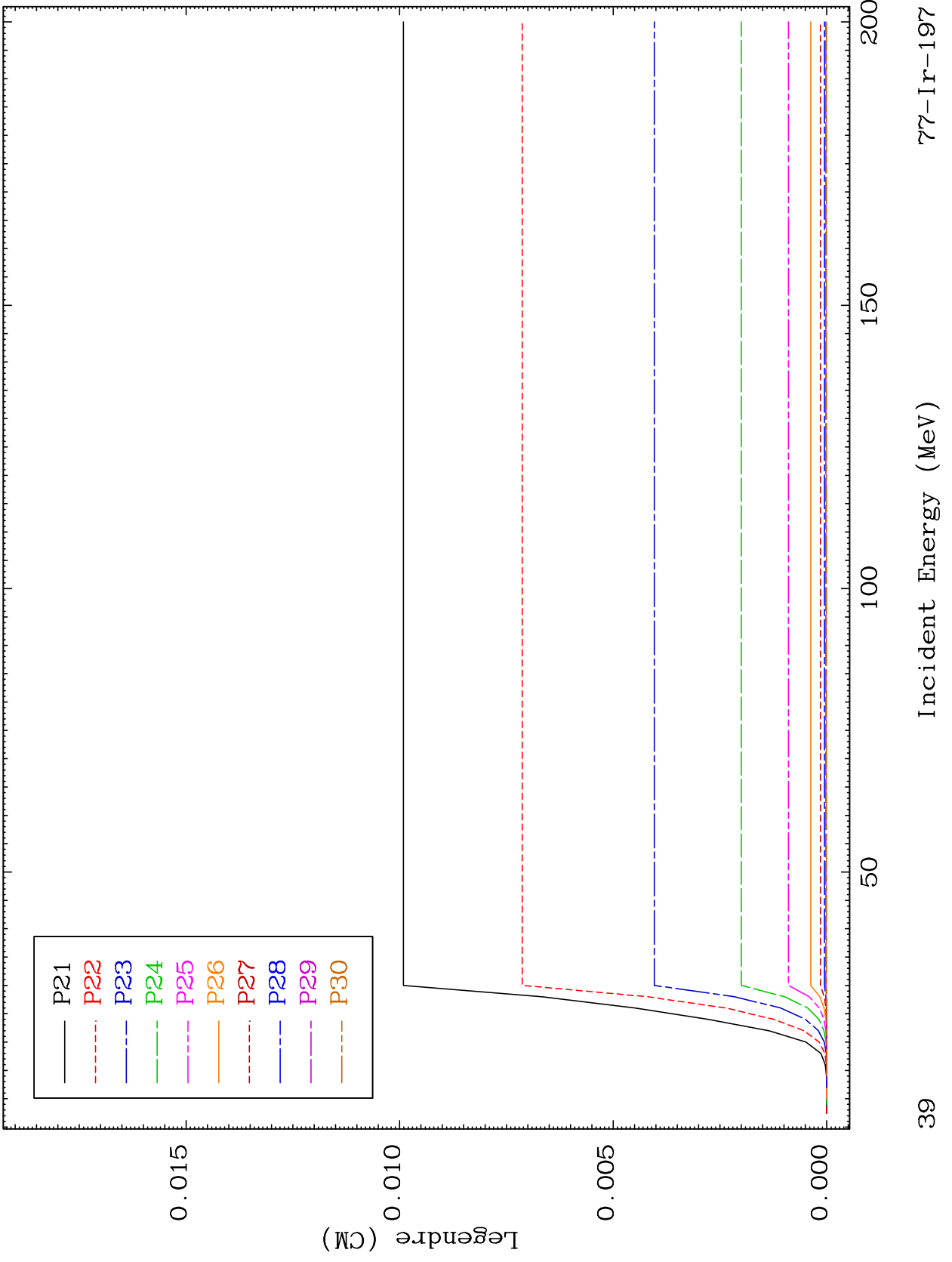
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



39

Incident Energy (MeV)

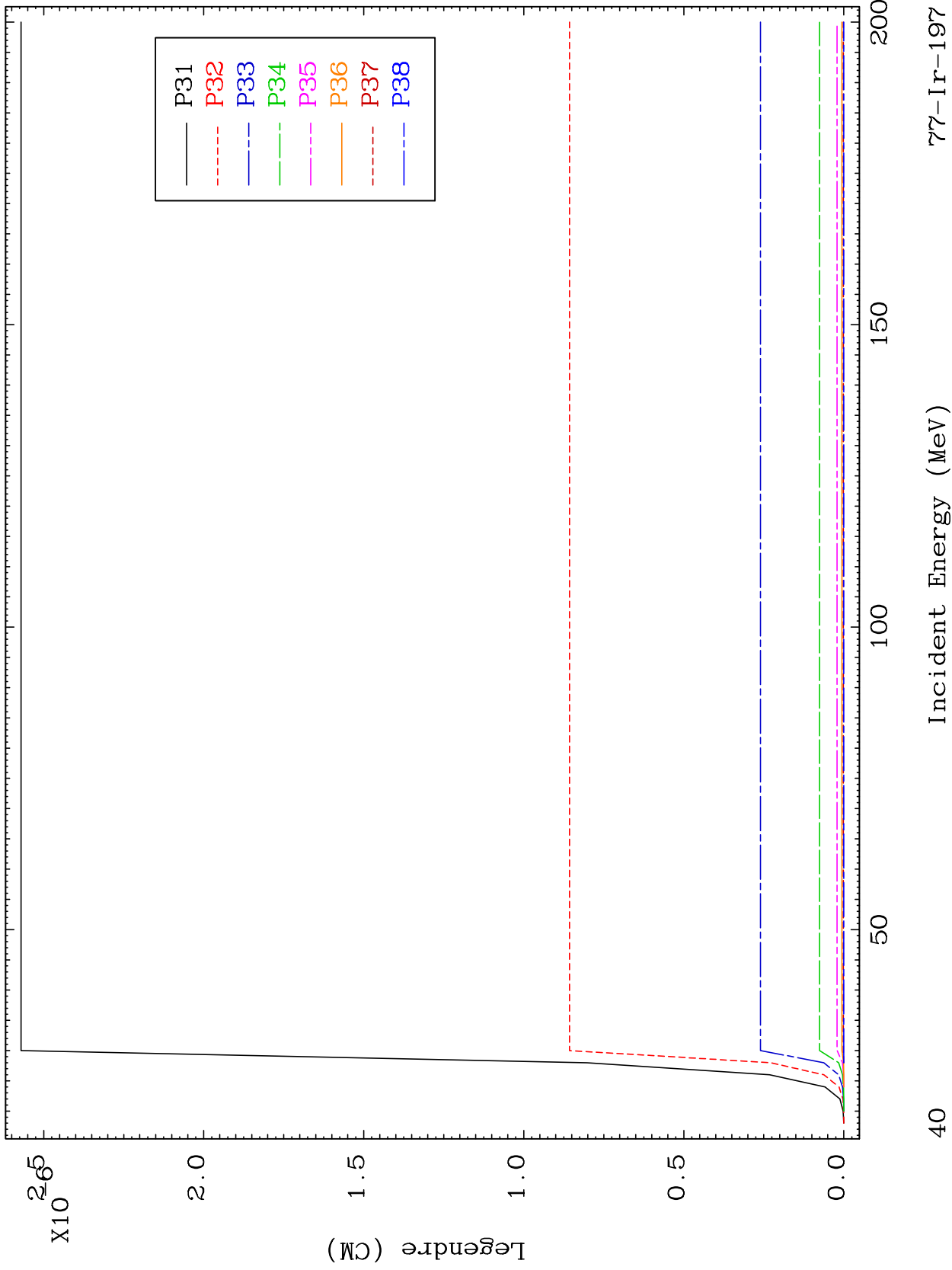
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

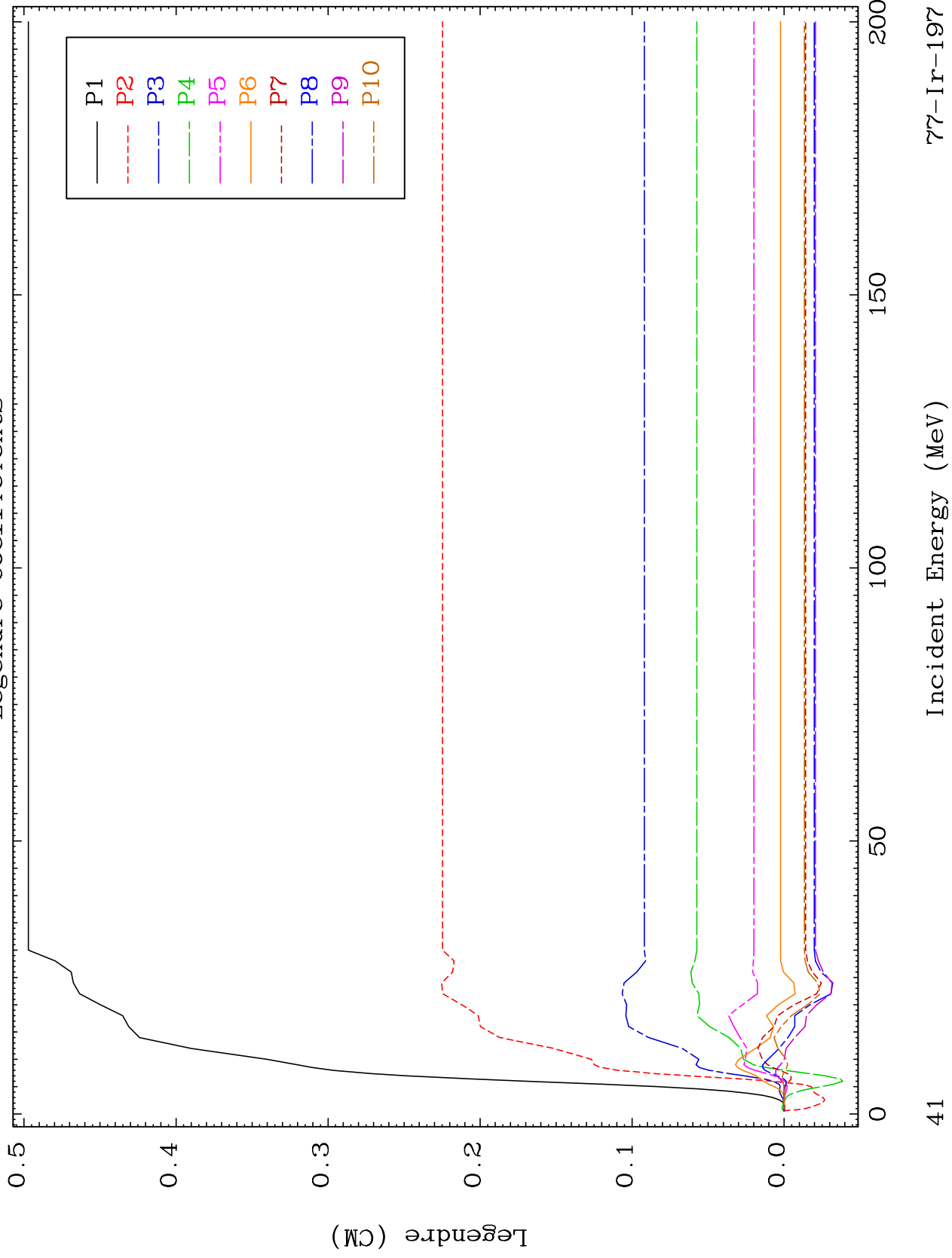
Incident Energy (MeV)

40

MAT 7743

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

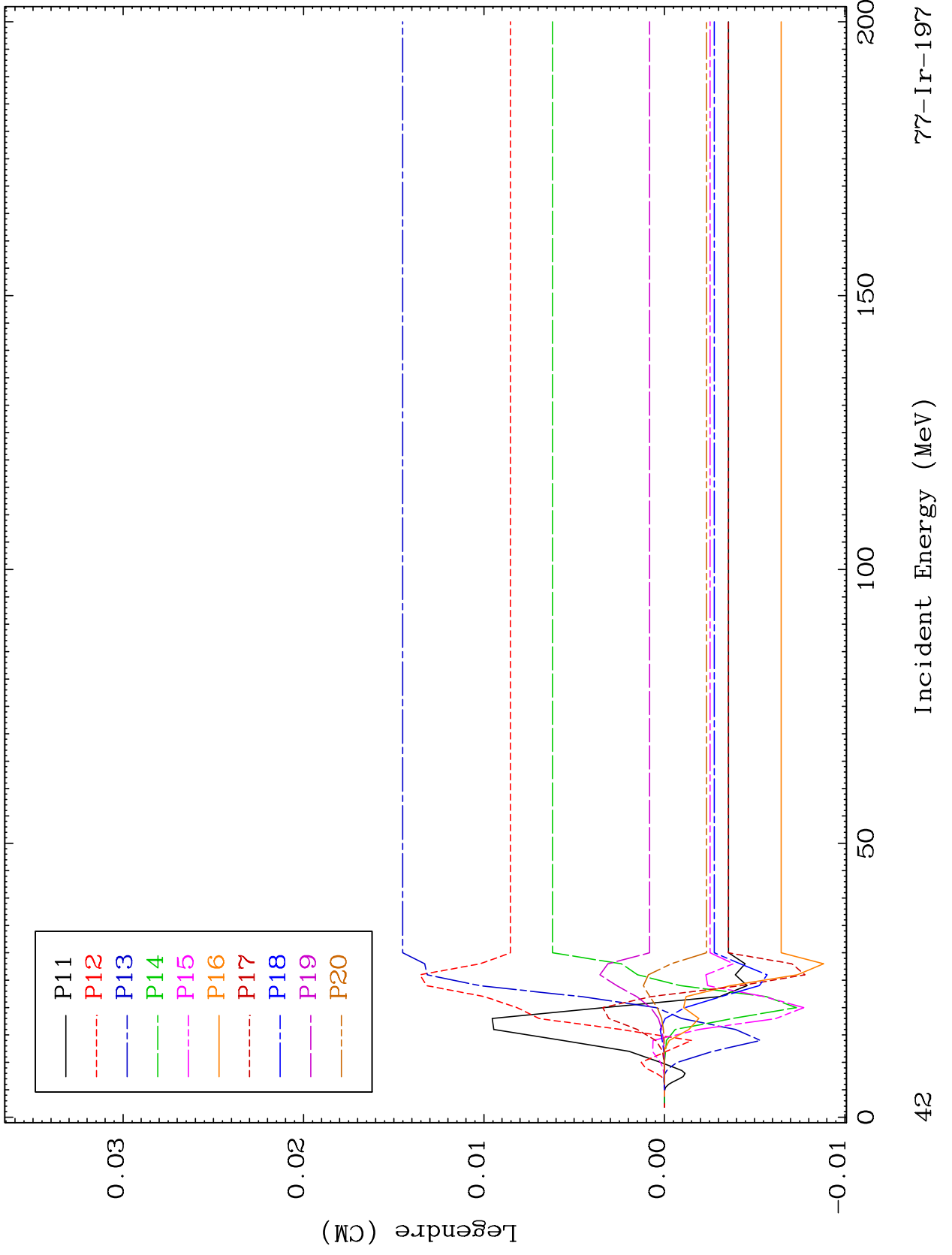
77-Ir-197



MAT 7743

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

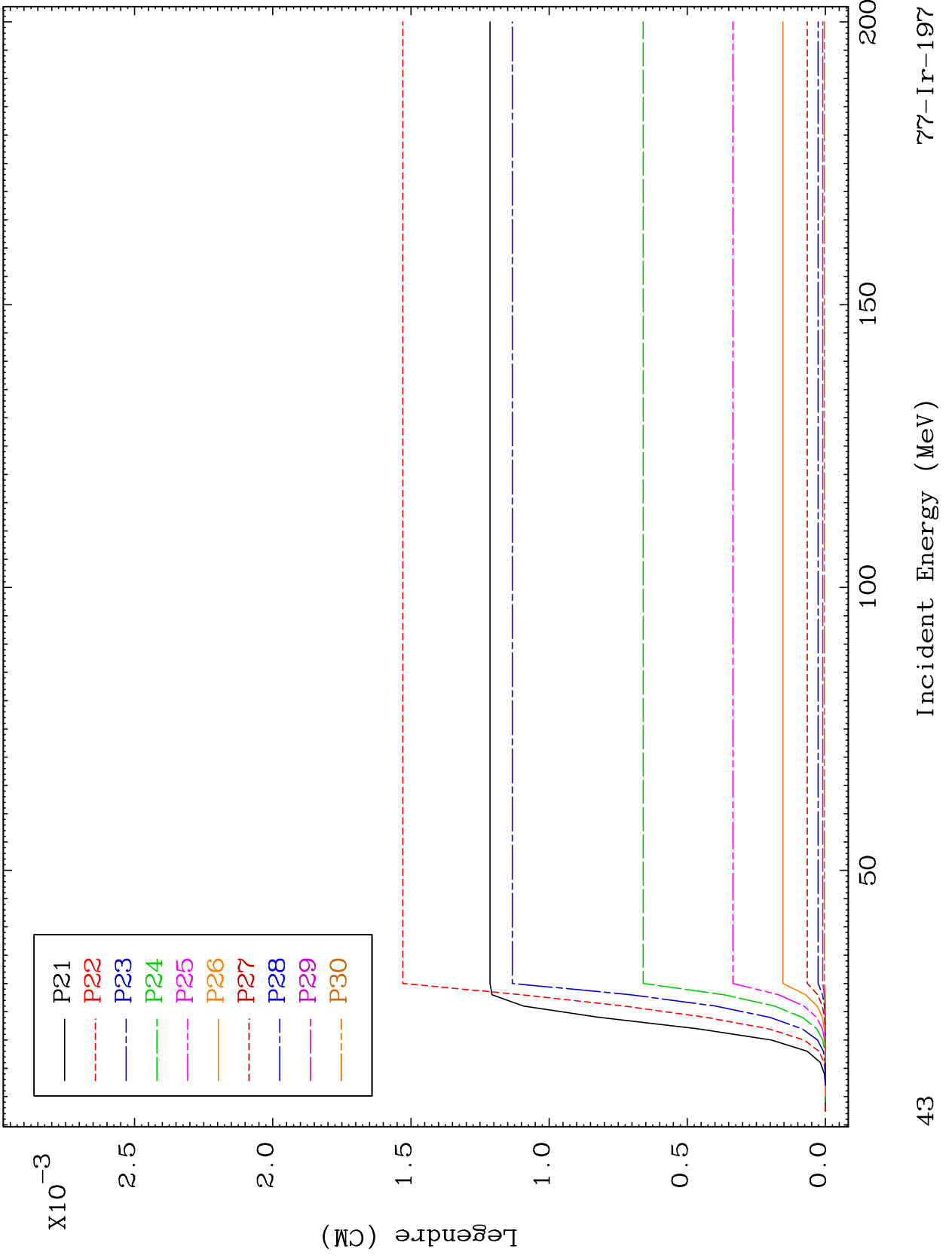
77-Ir-197



42

Incident Energy (MeV)

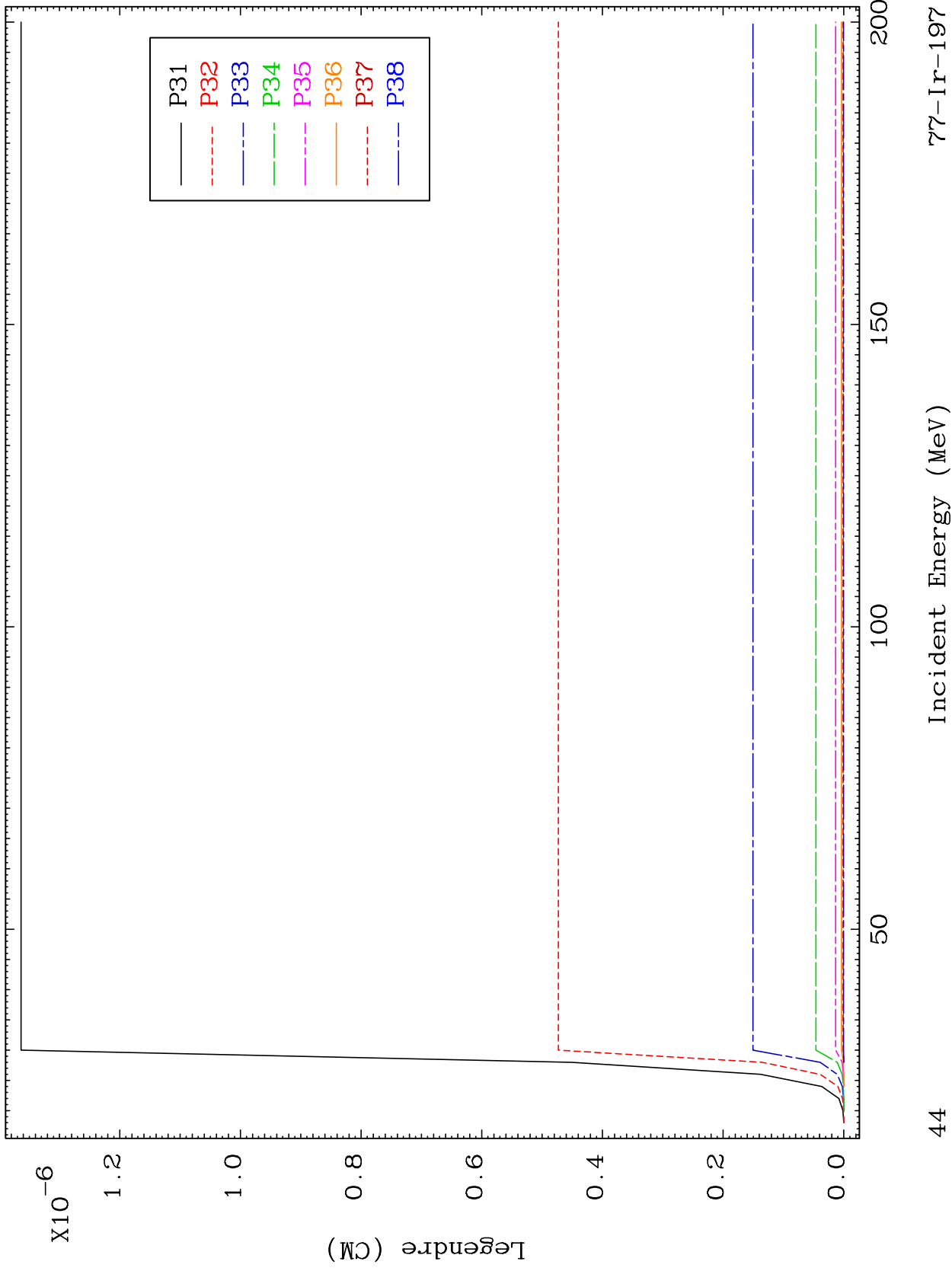
77-Ir-197



MAT 7743

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

77-Ir-197



44

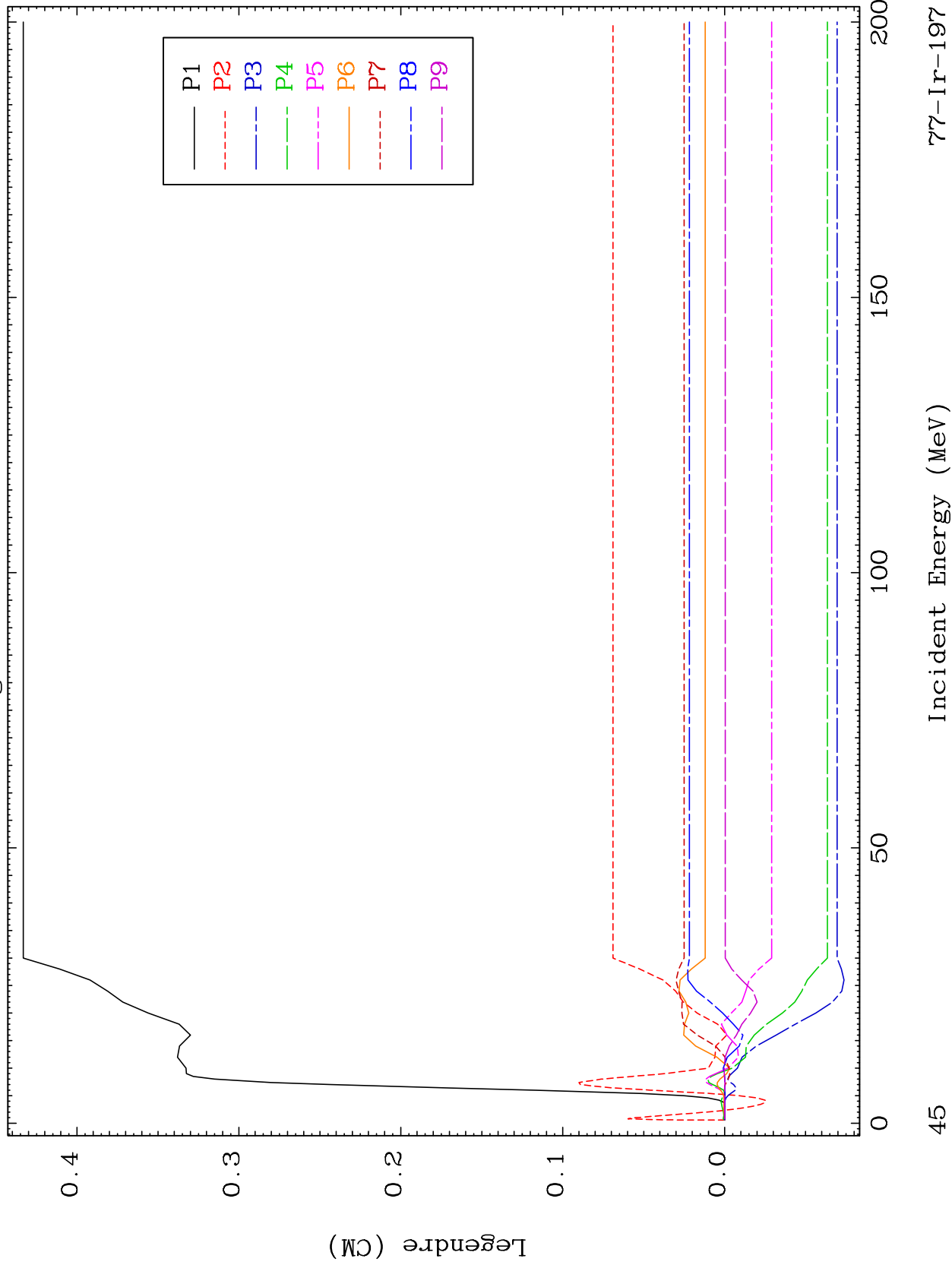
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

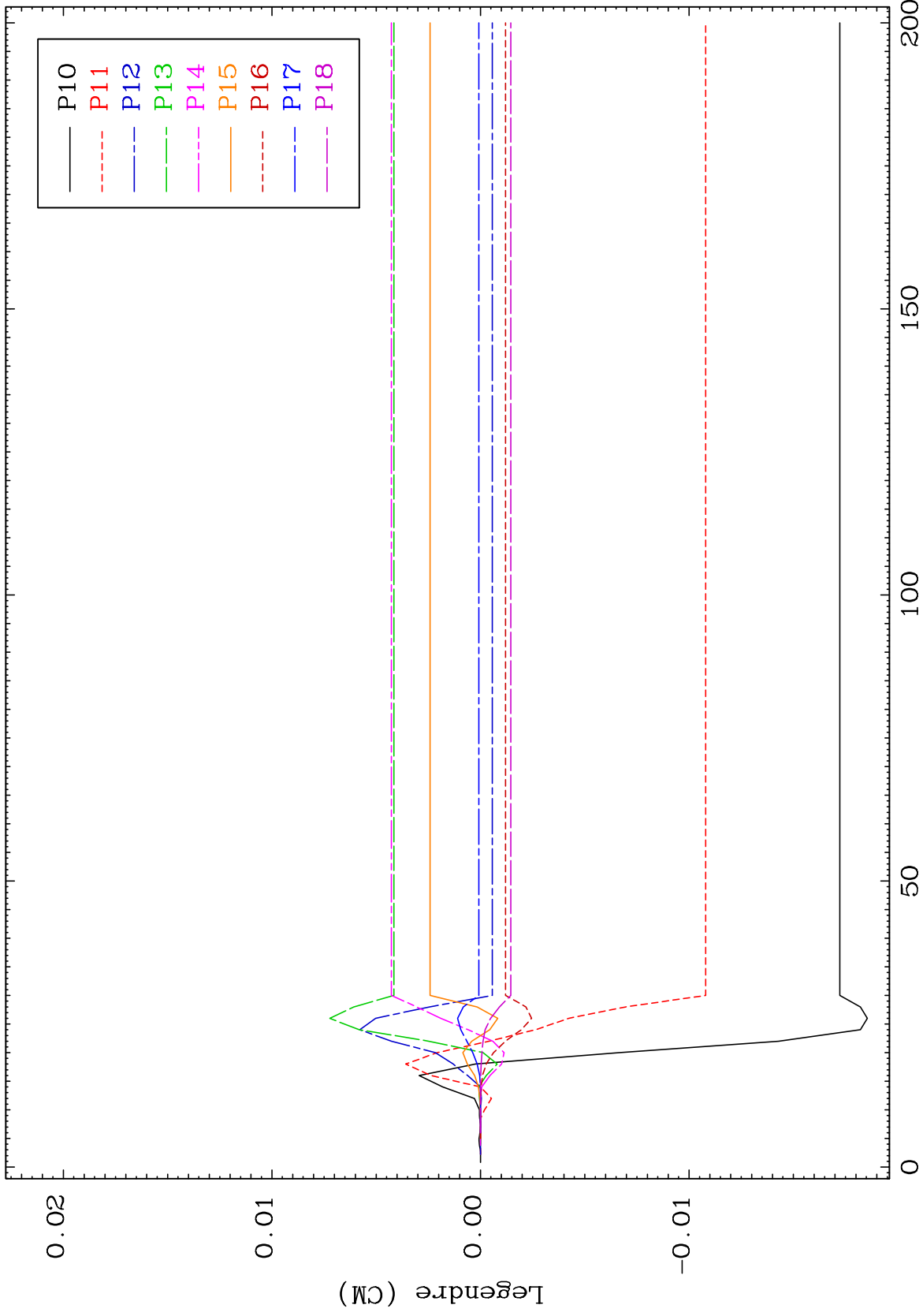
Incident Energy (MeV)

45

MAT 7743

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

77-Ir-197



46

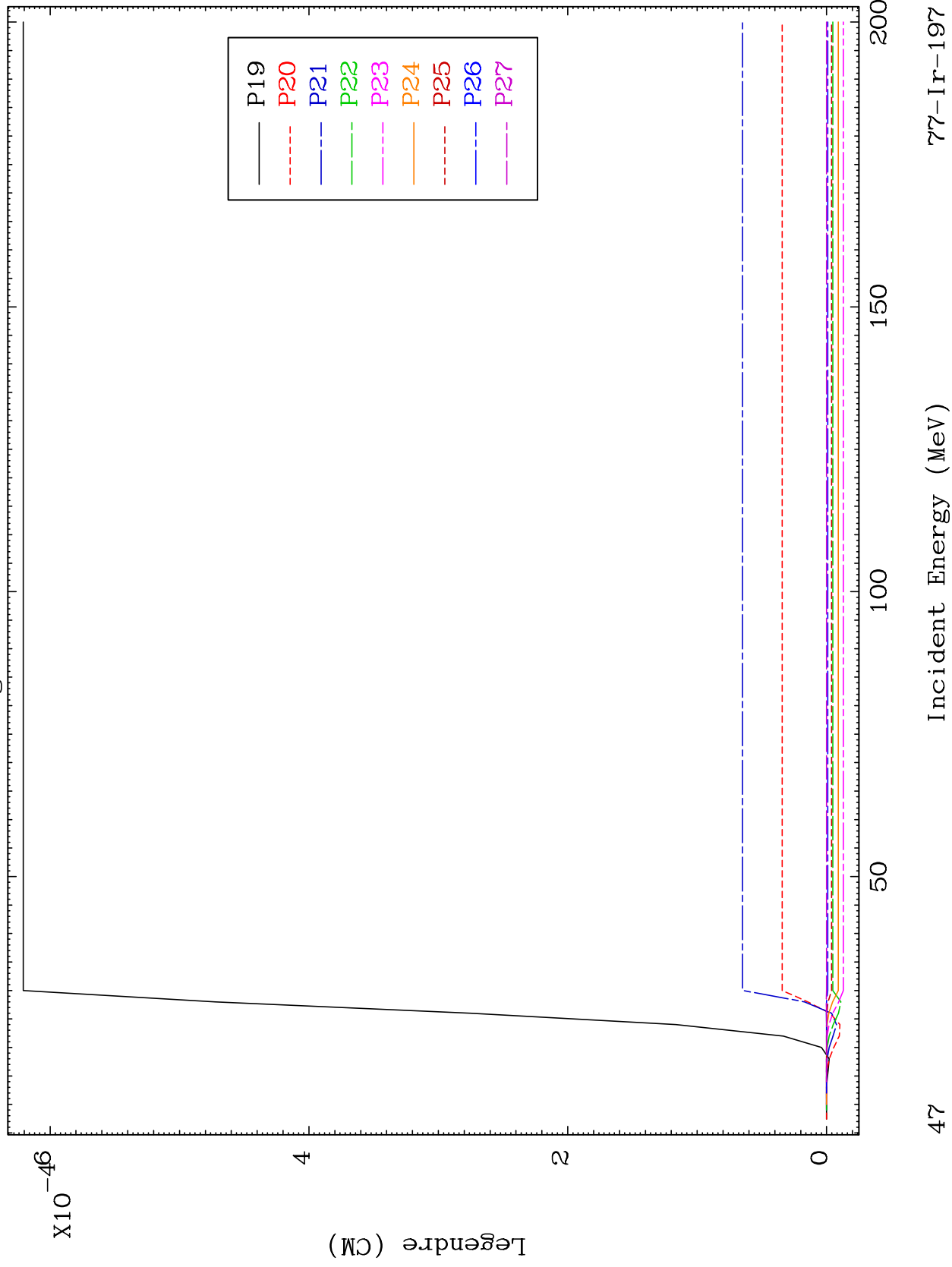
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197

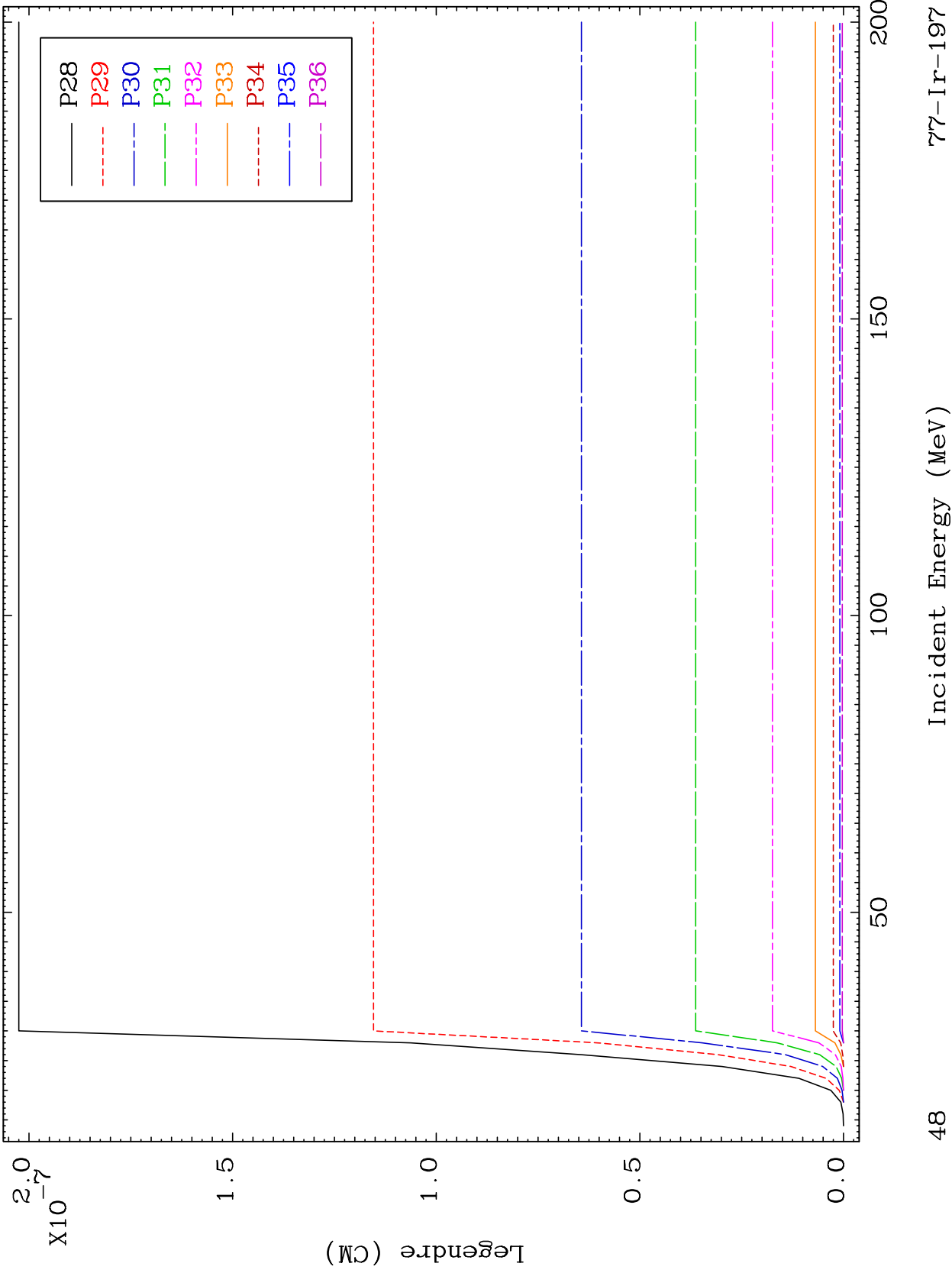




MAT 7743

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

77-Ir-197



48

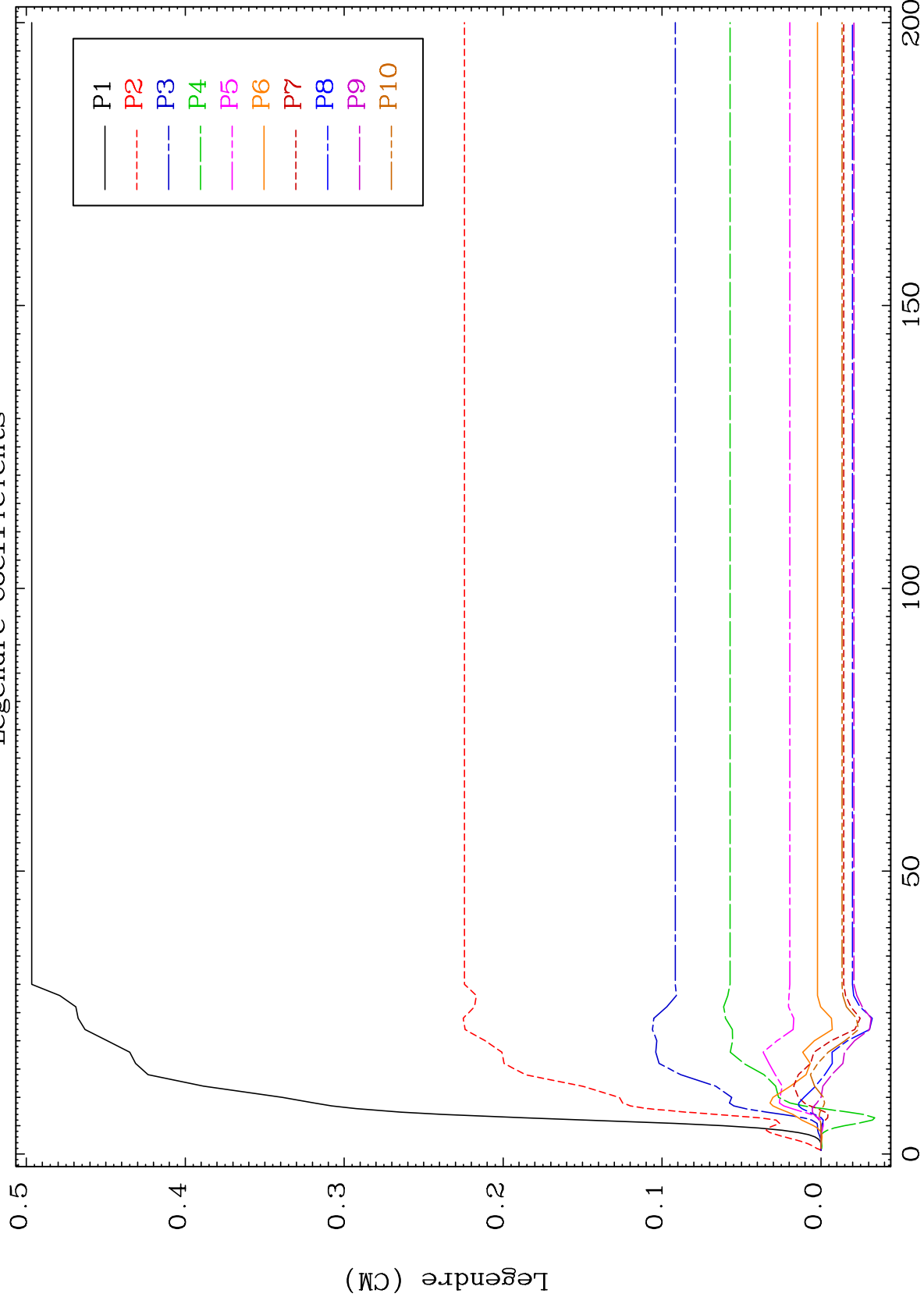
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



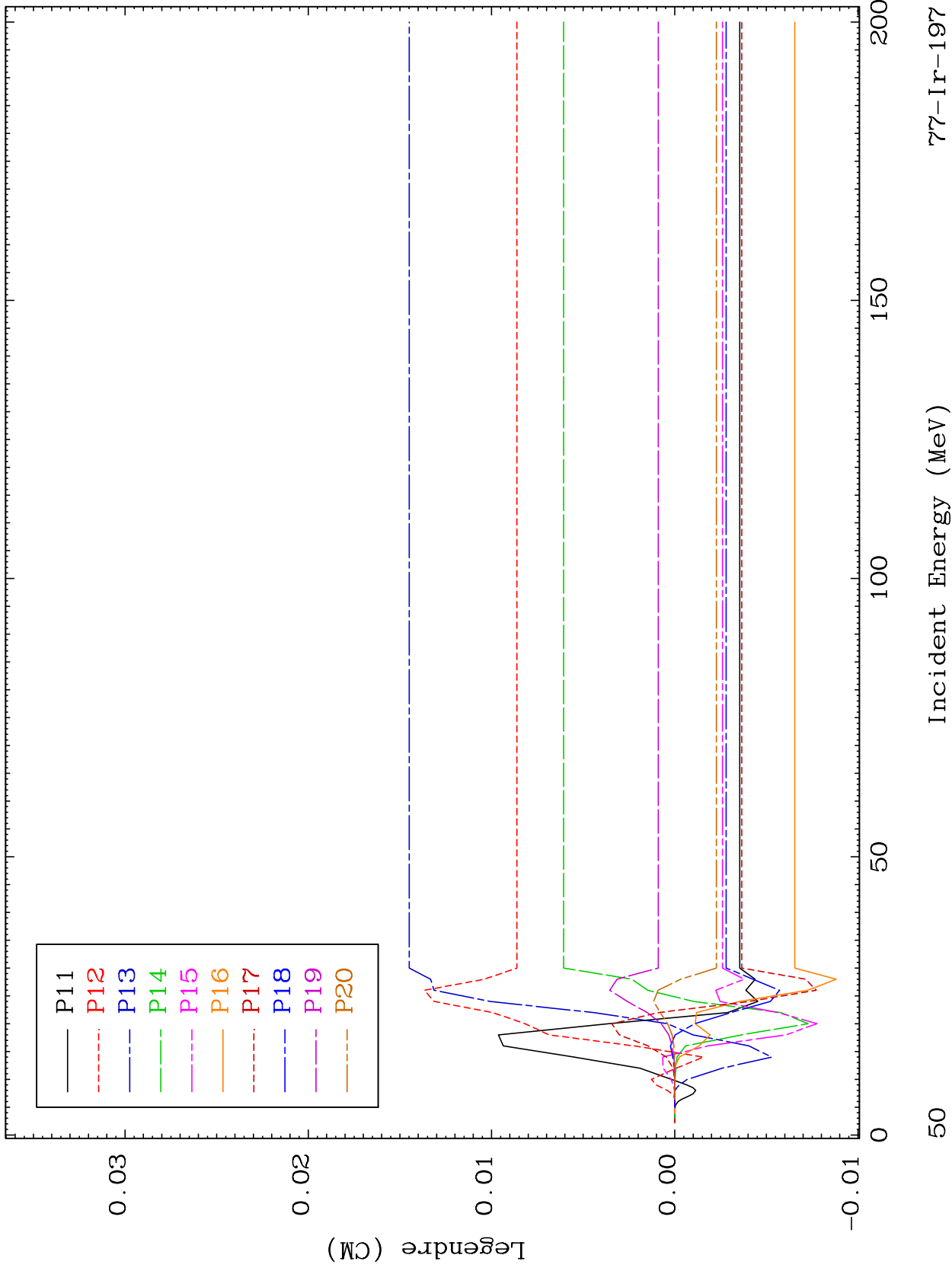
49

77-Ir-197

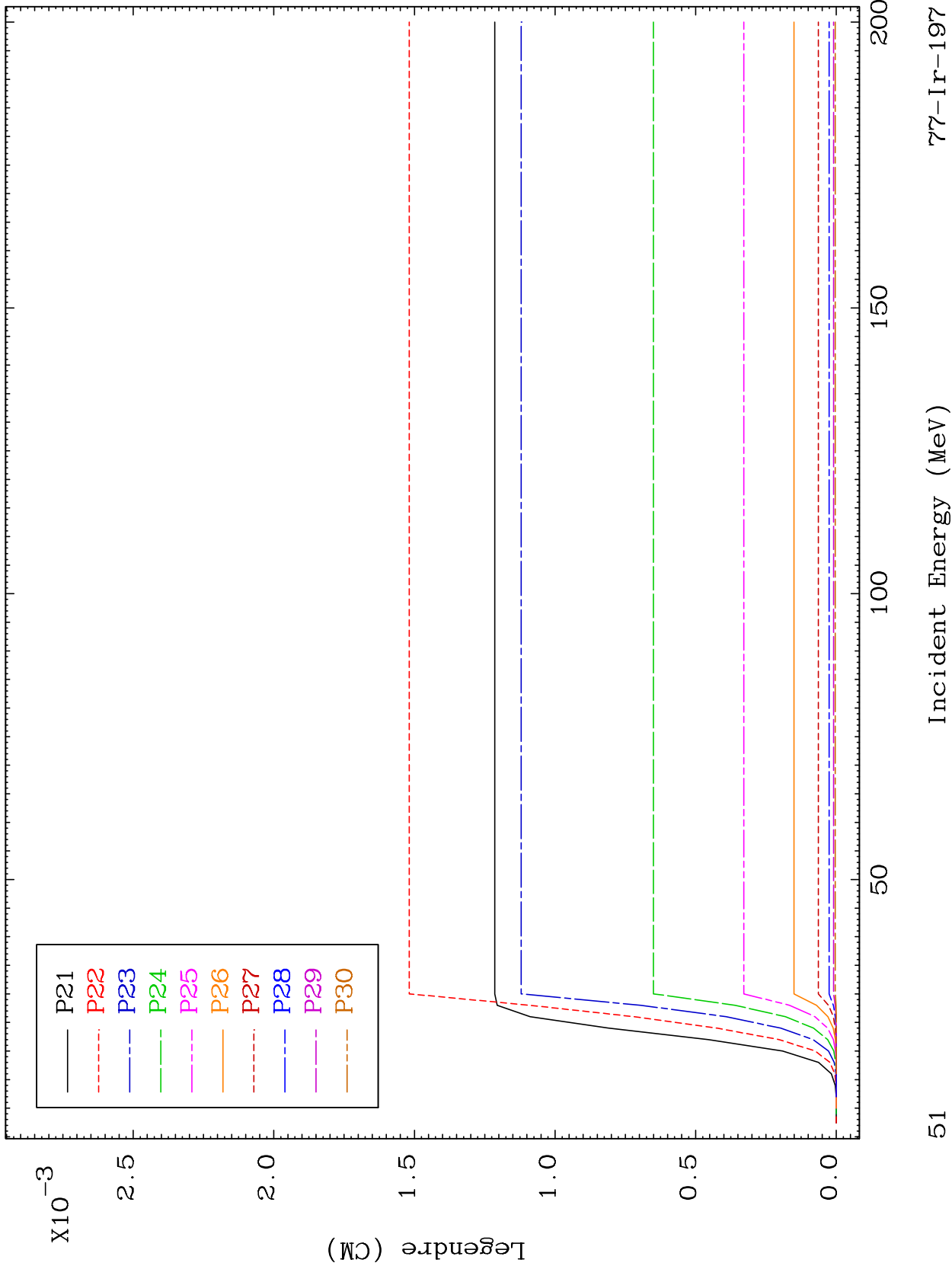
MAT 7743

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

77-Ir-197



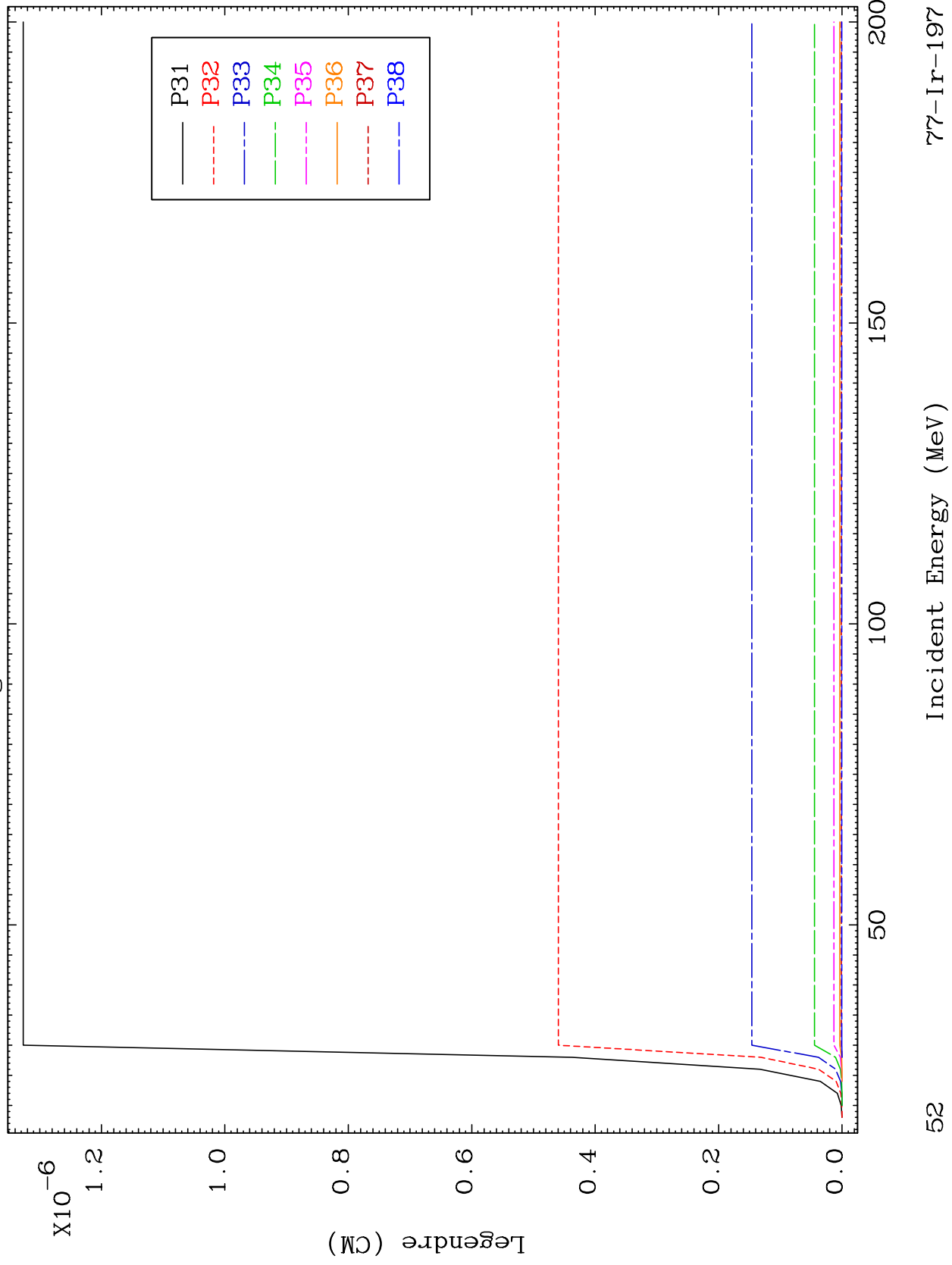
77-Ir-197



MAT 7743

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

77-Ir-197



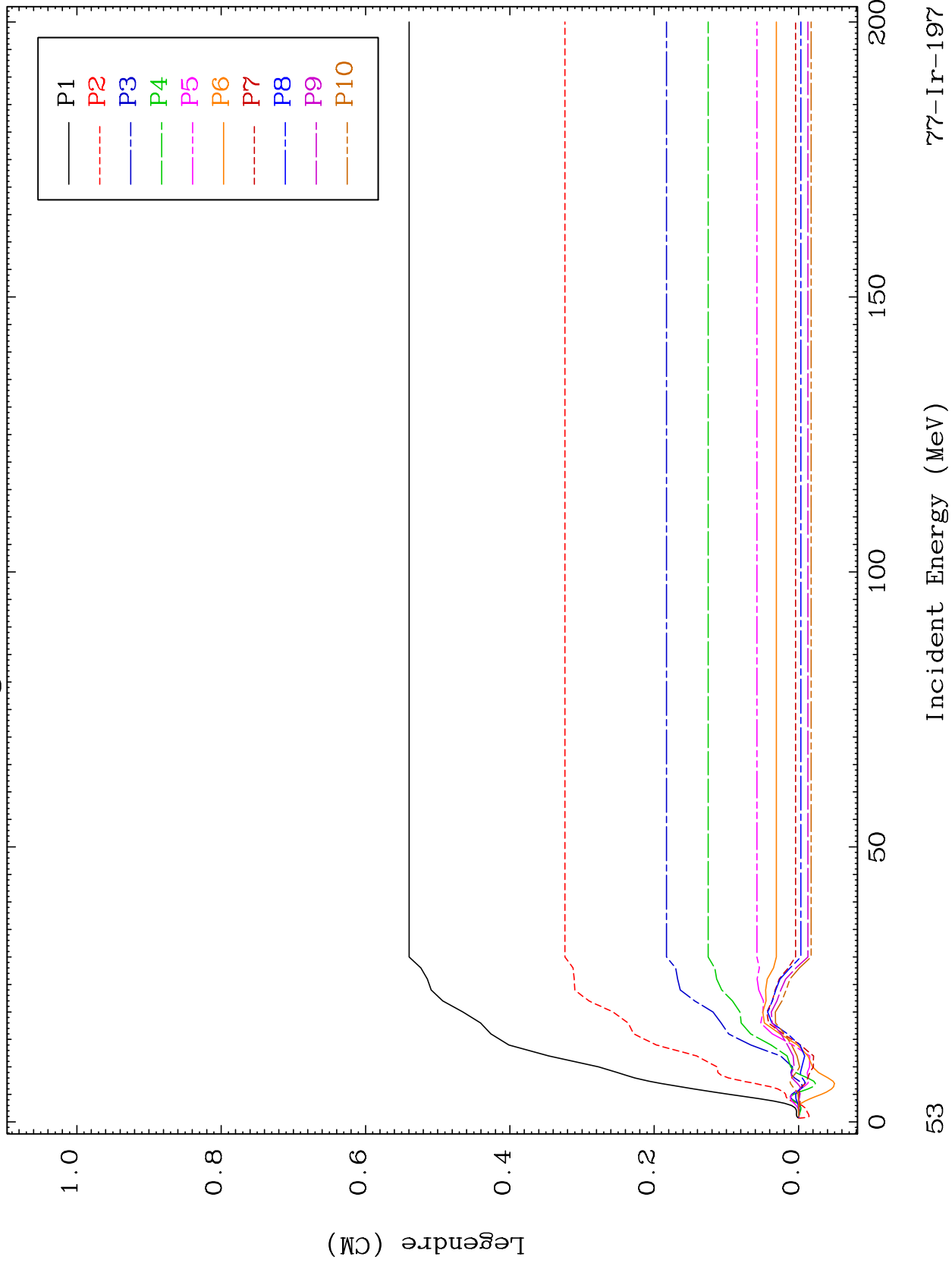
52

77-Ir-197

MAT 7743

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

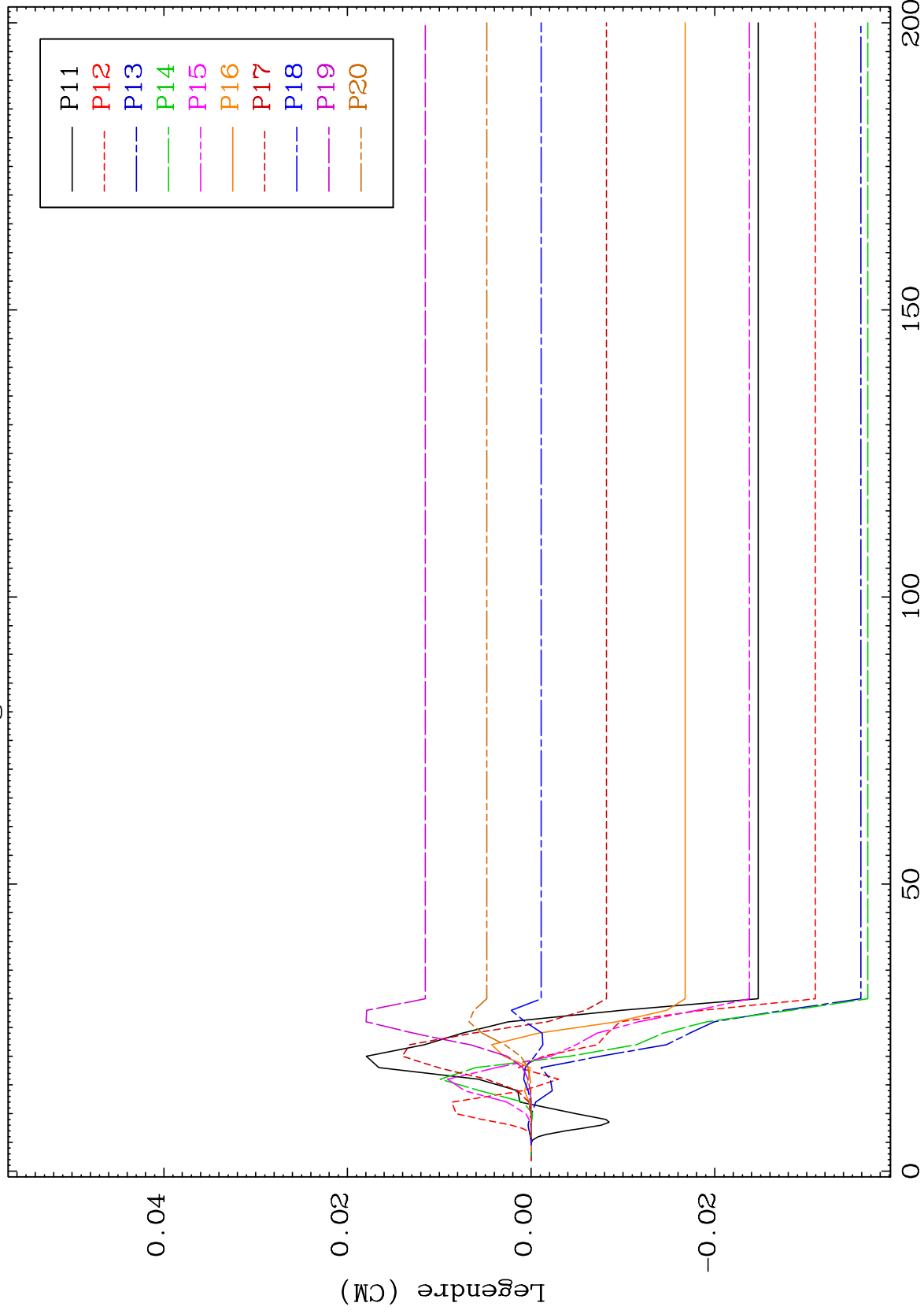
77-Ir-197



MAT 7743

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

77-Ir-197



54

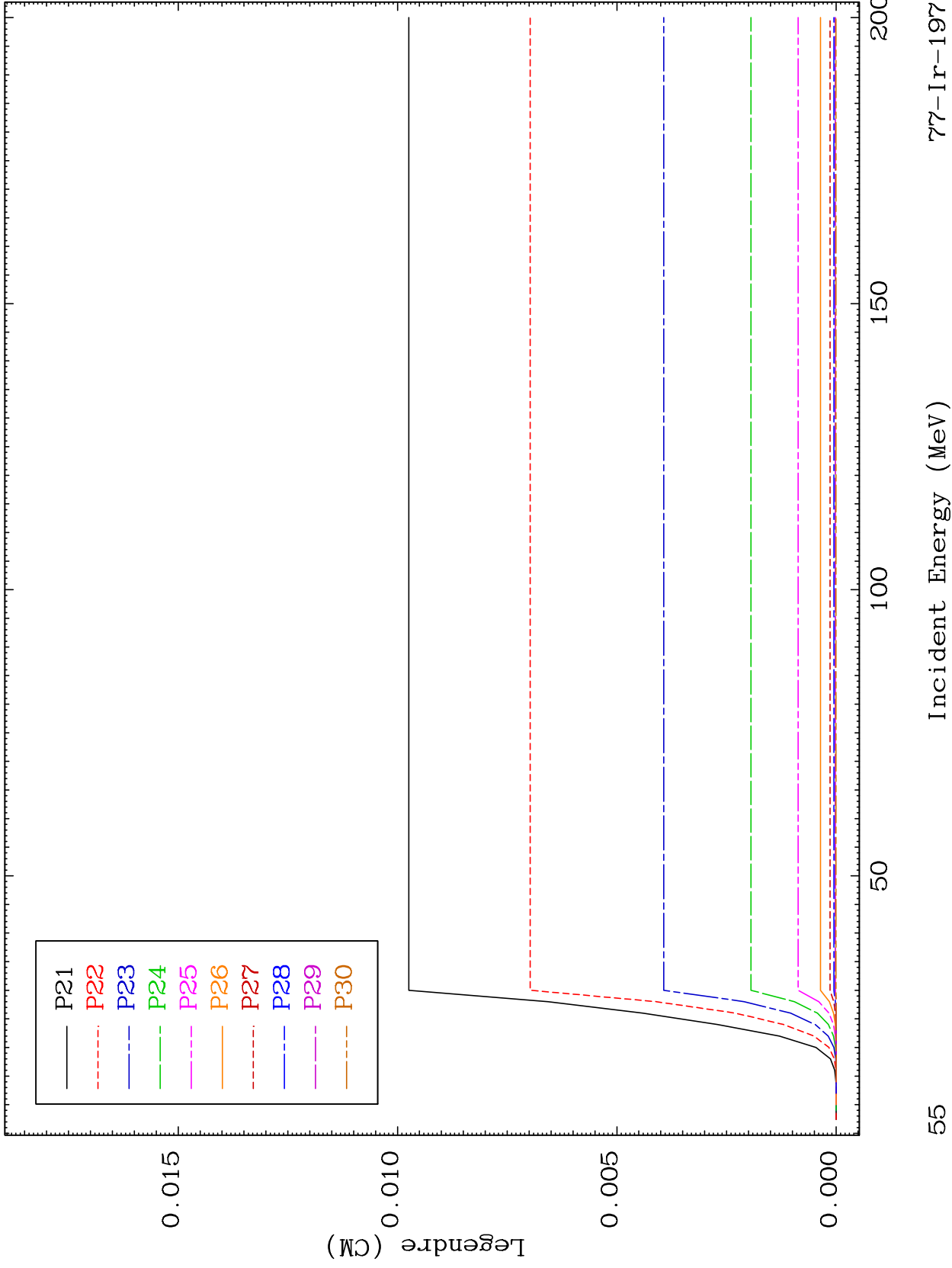
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



55

Incident Energy (MeV)

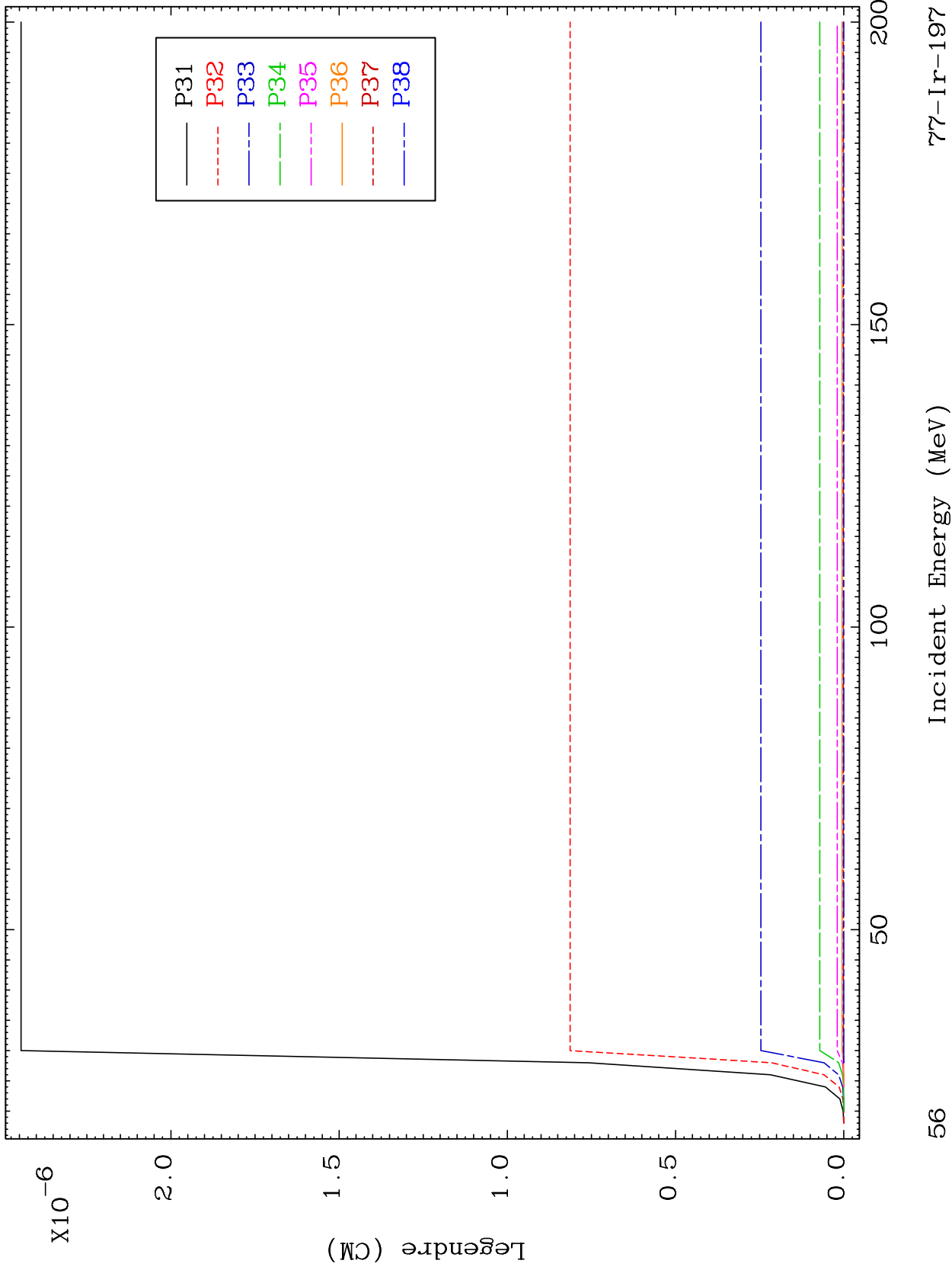
77-Ir-197



MAT 7743

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

77-Ir-197



56

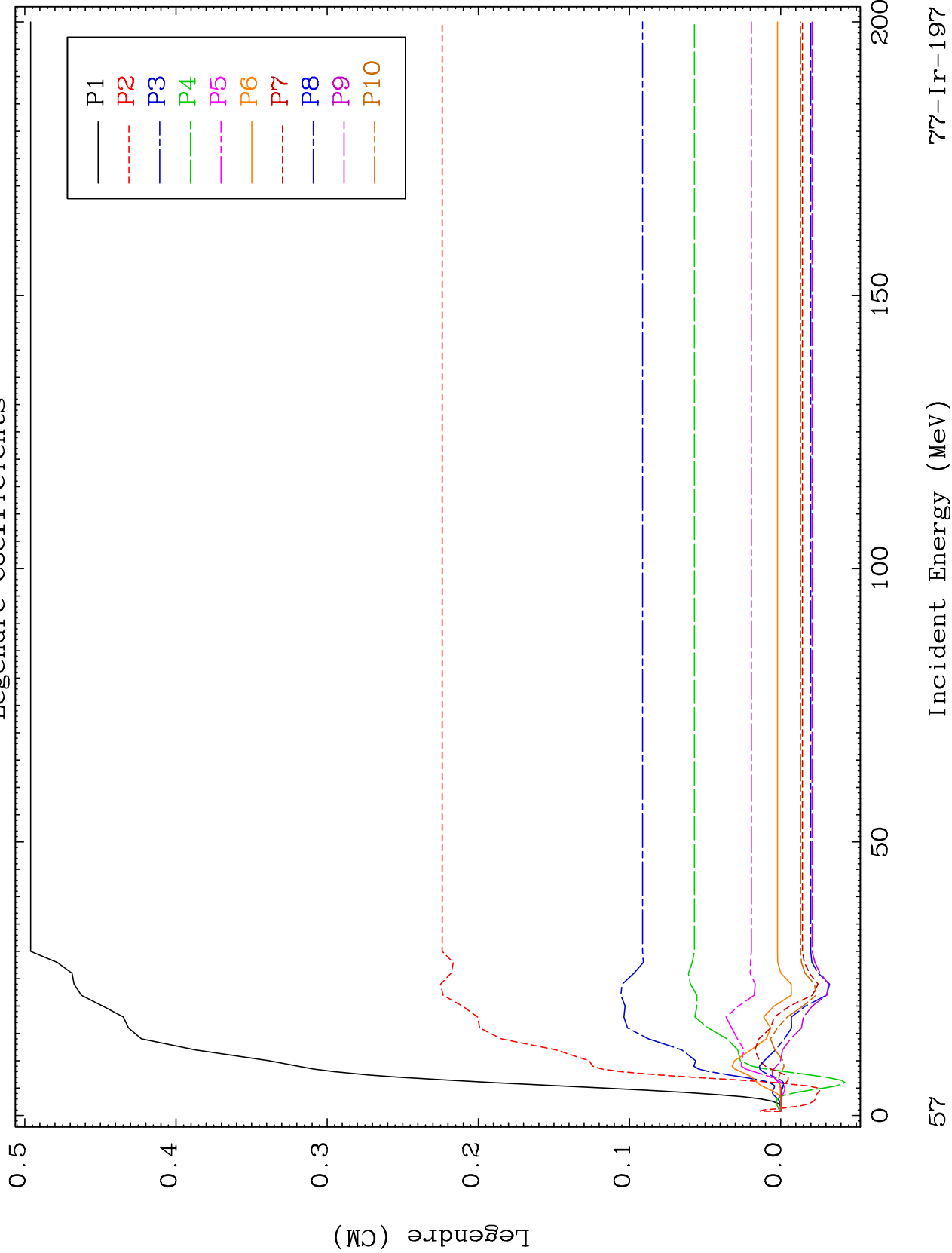
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

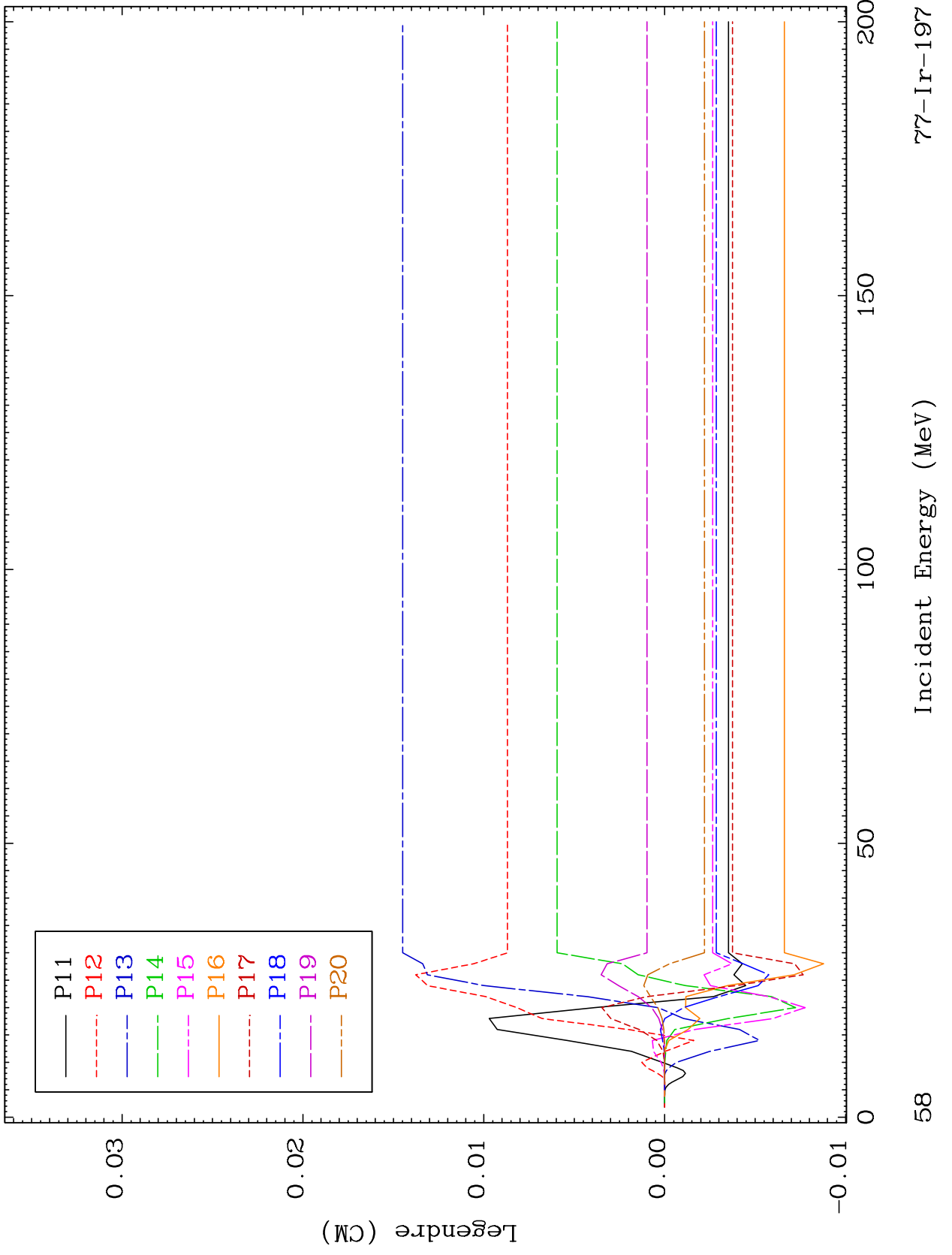
Incident Energy (MeV)

57

MAT 7743

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

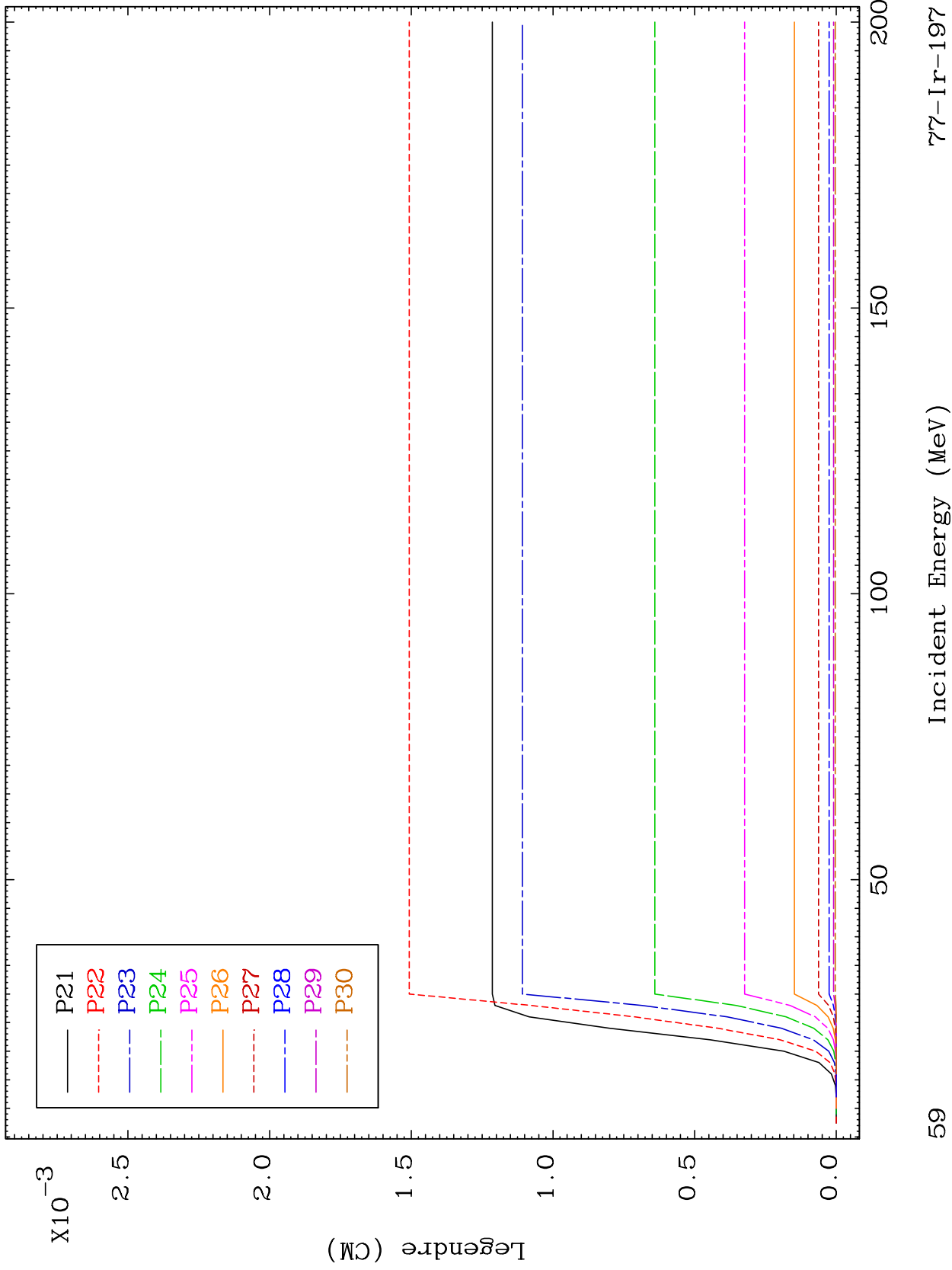
77-Ir-197



58

Incident Energy (MeV)

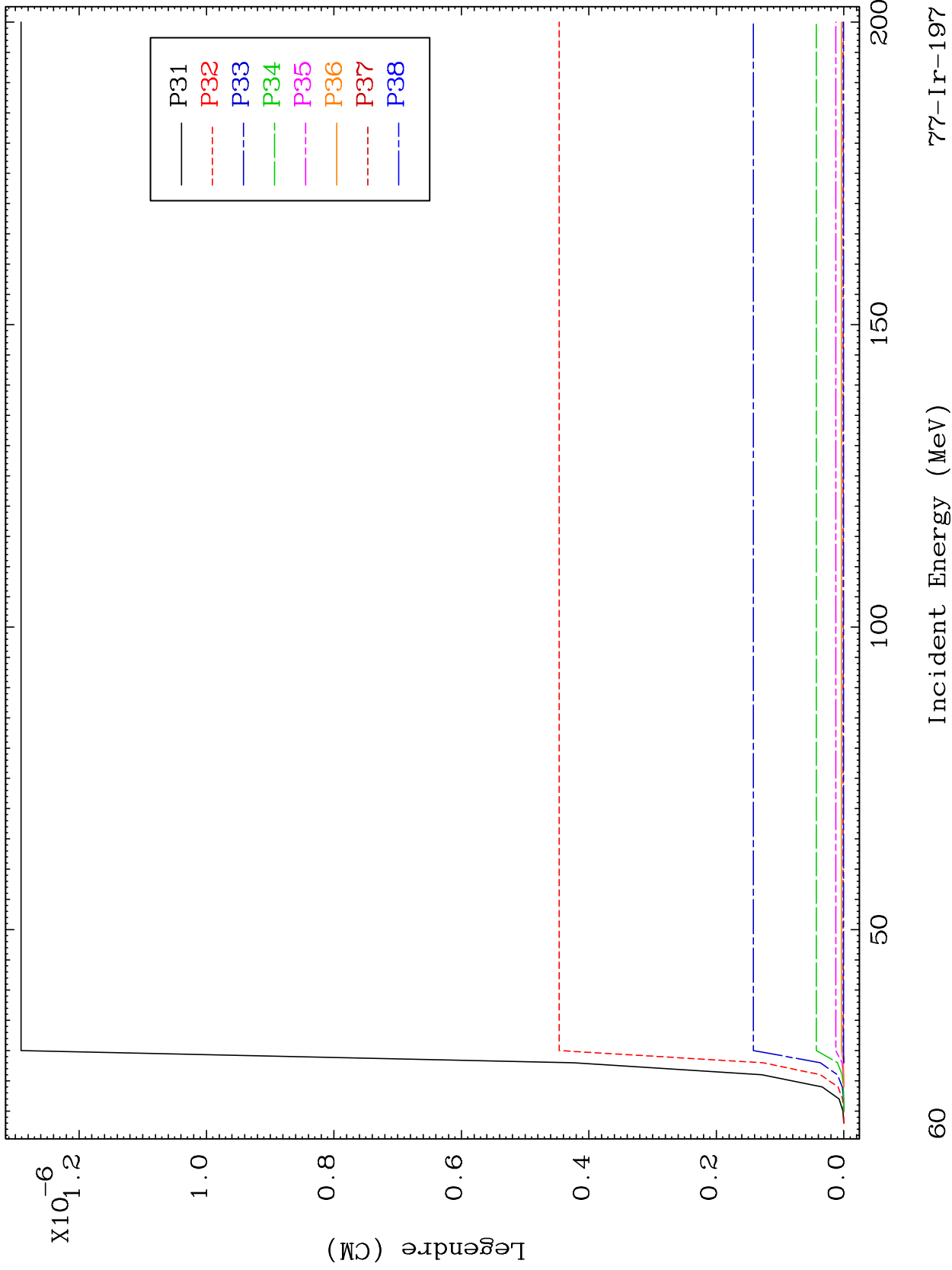
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

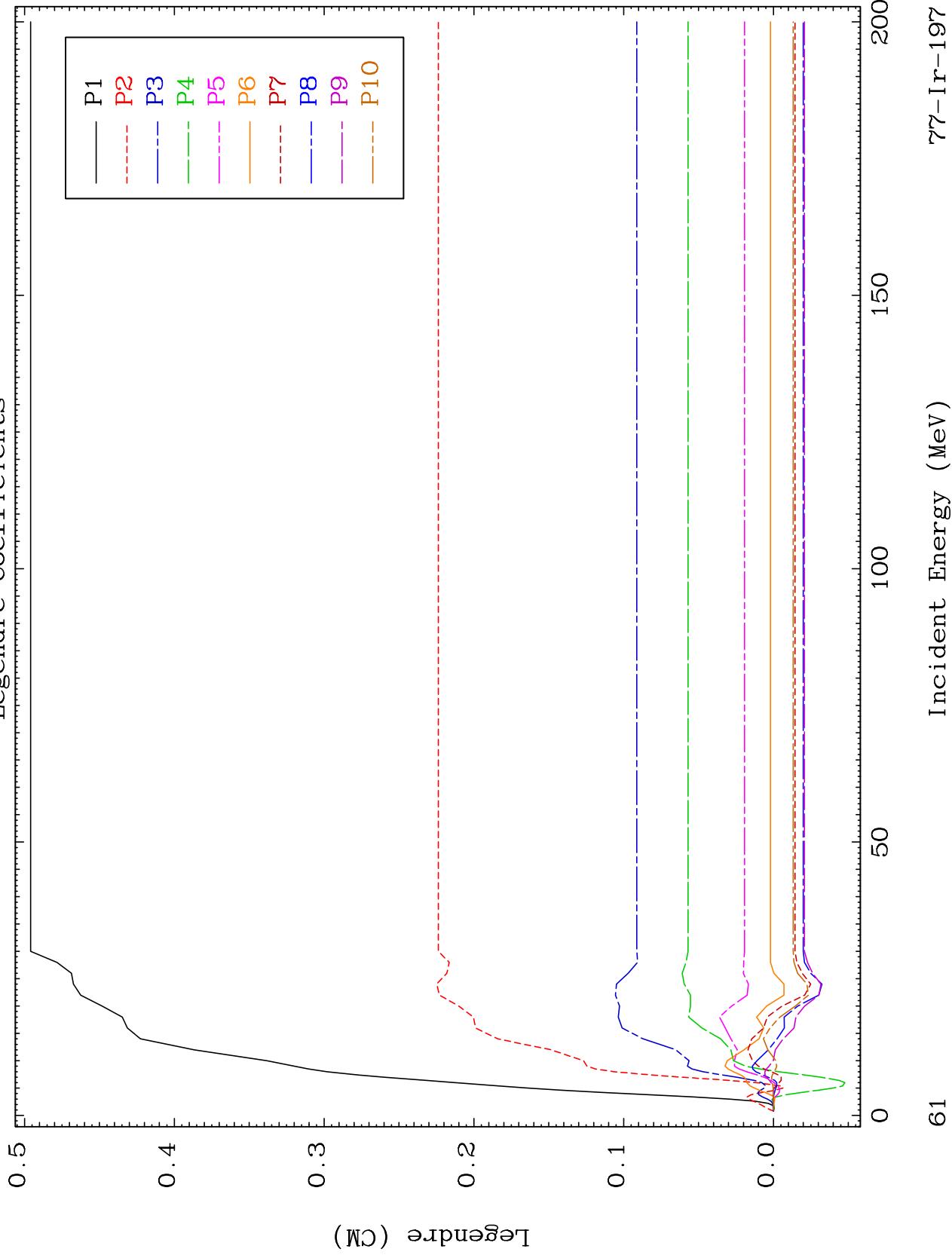
Incident Energy (MeV)

60

MAT 7743

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

77-Ir-197



77-Ir-197

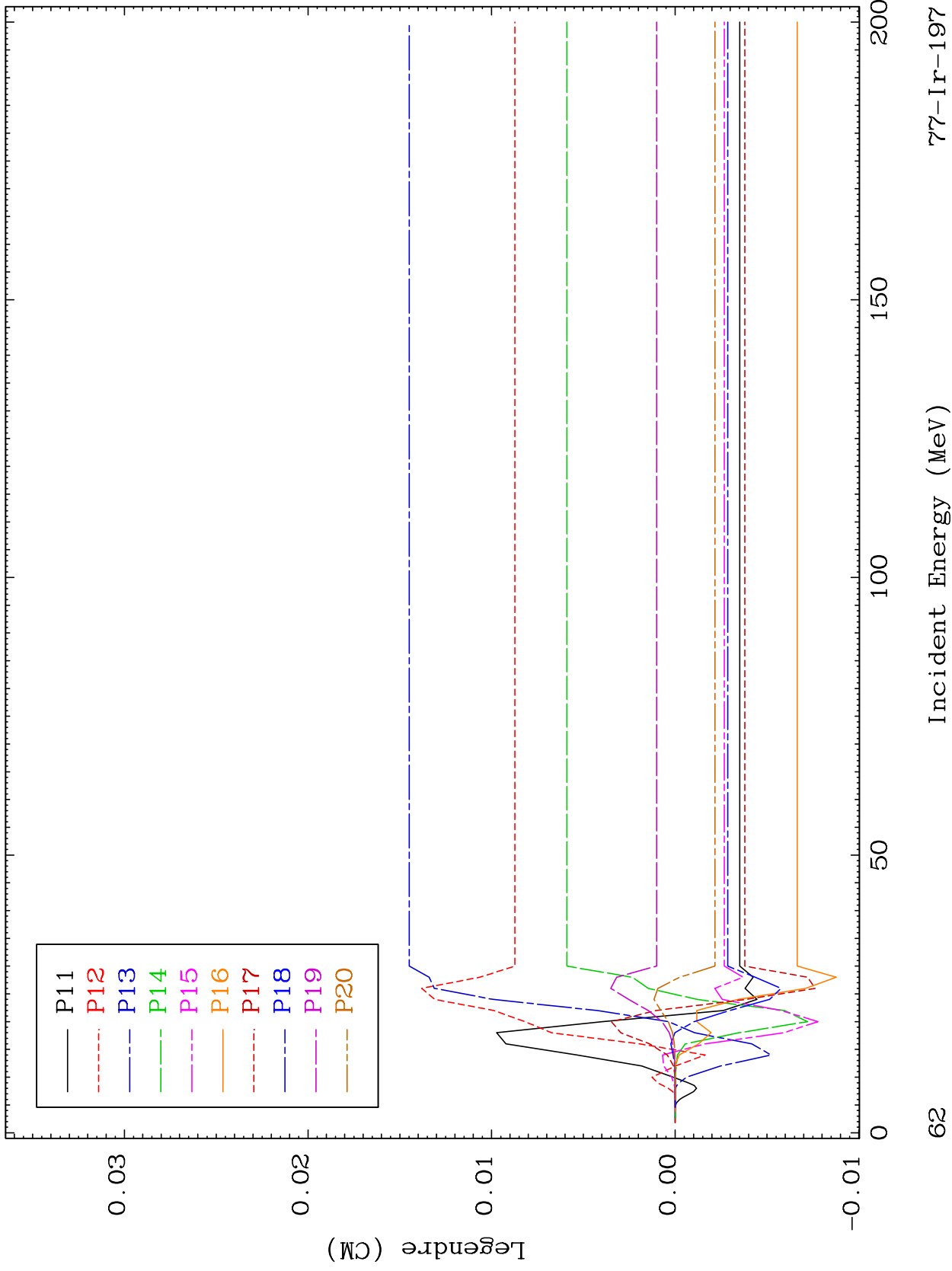
Incident Energy (MeV)

61

MAT 7743

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

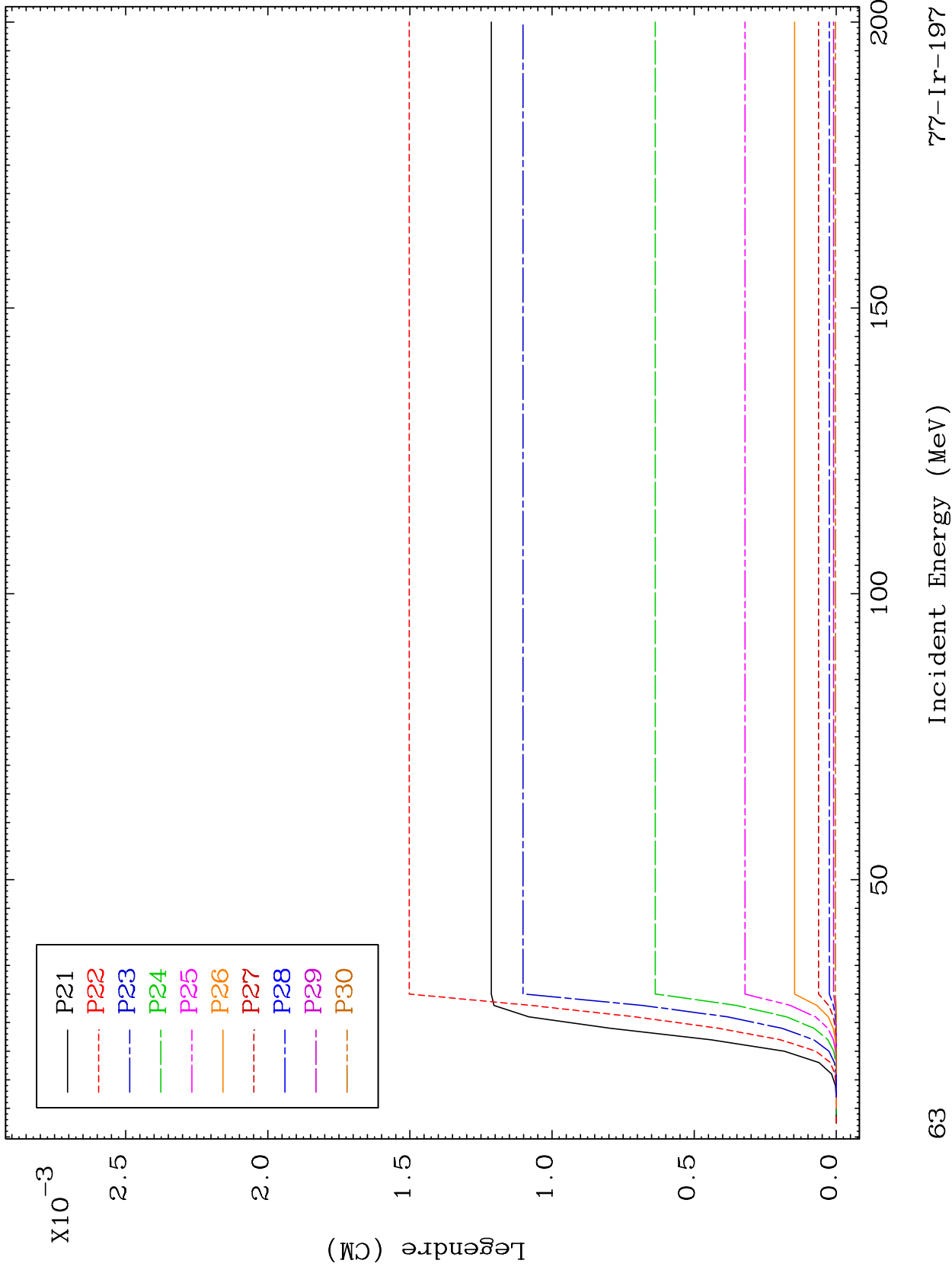
77-Ir-197



77-Ir-197

Incident Energy (MeV)

62

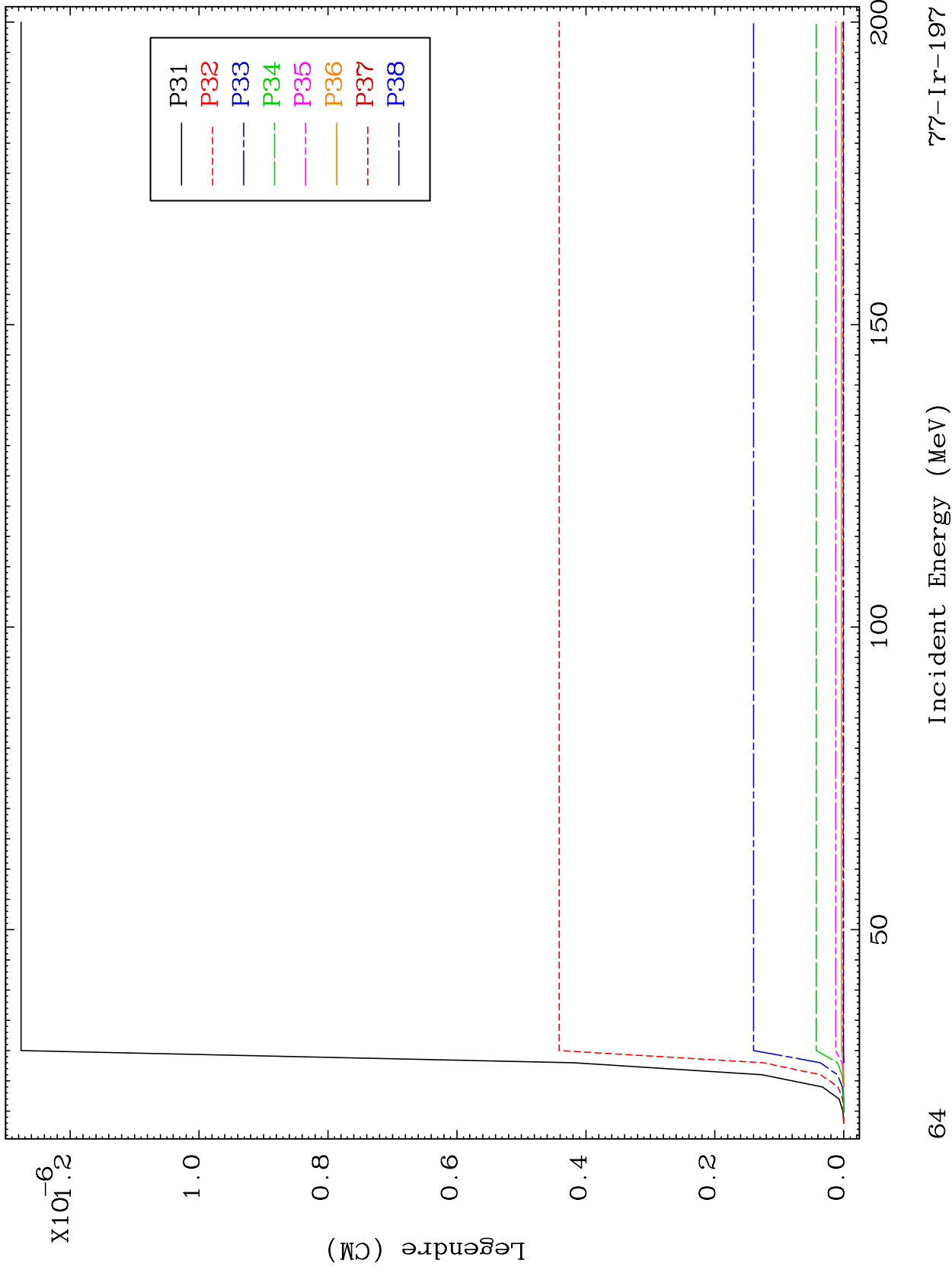




MAT 7743

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

77-Ir-197



64

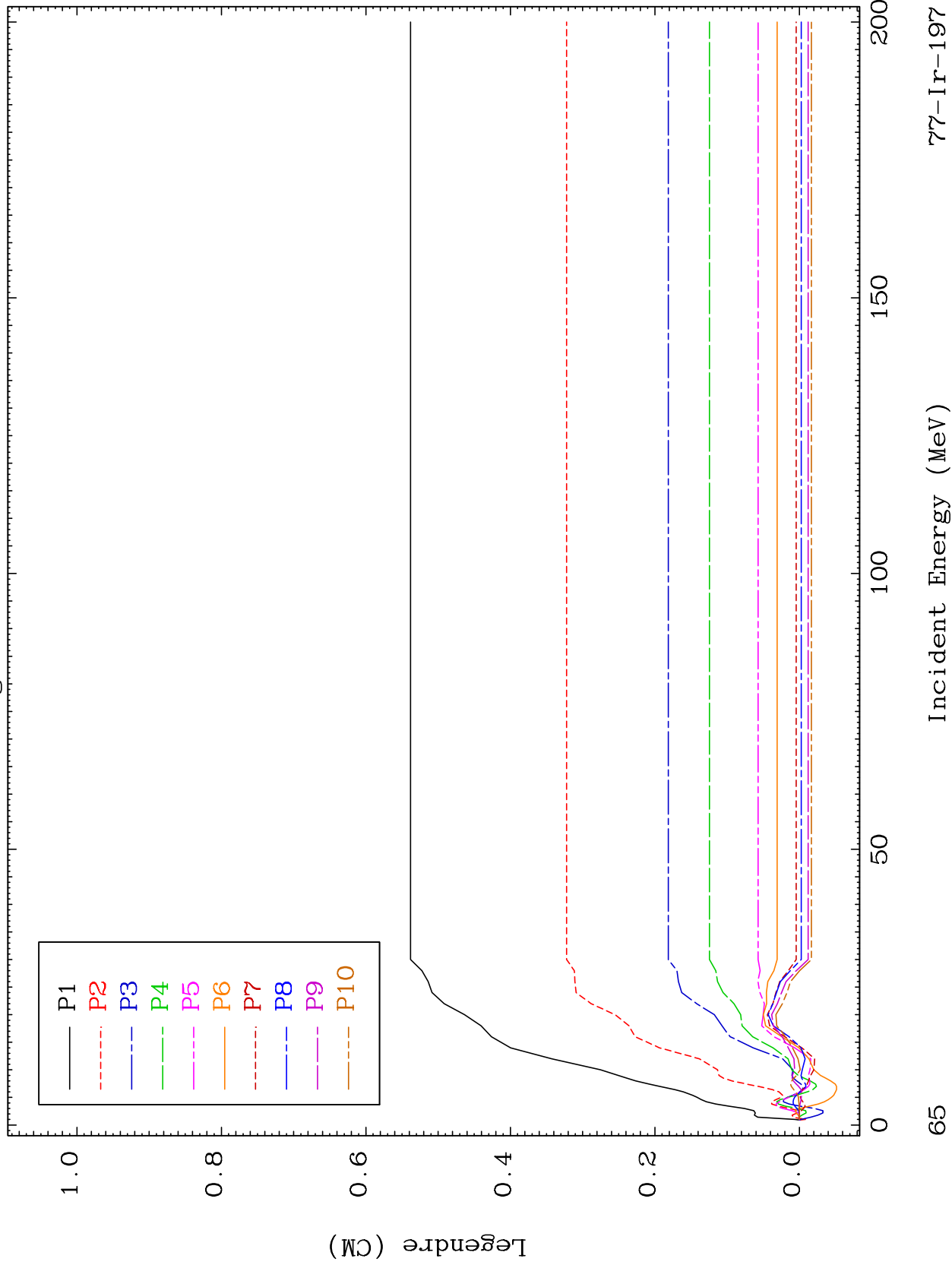
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

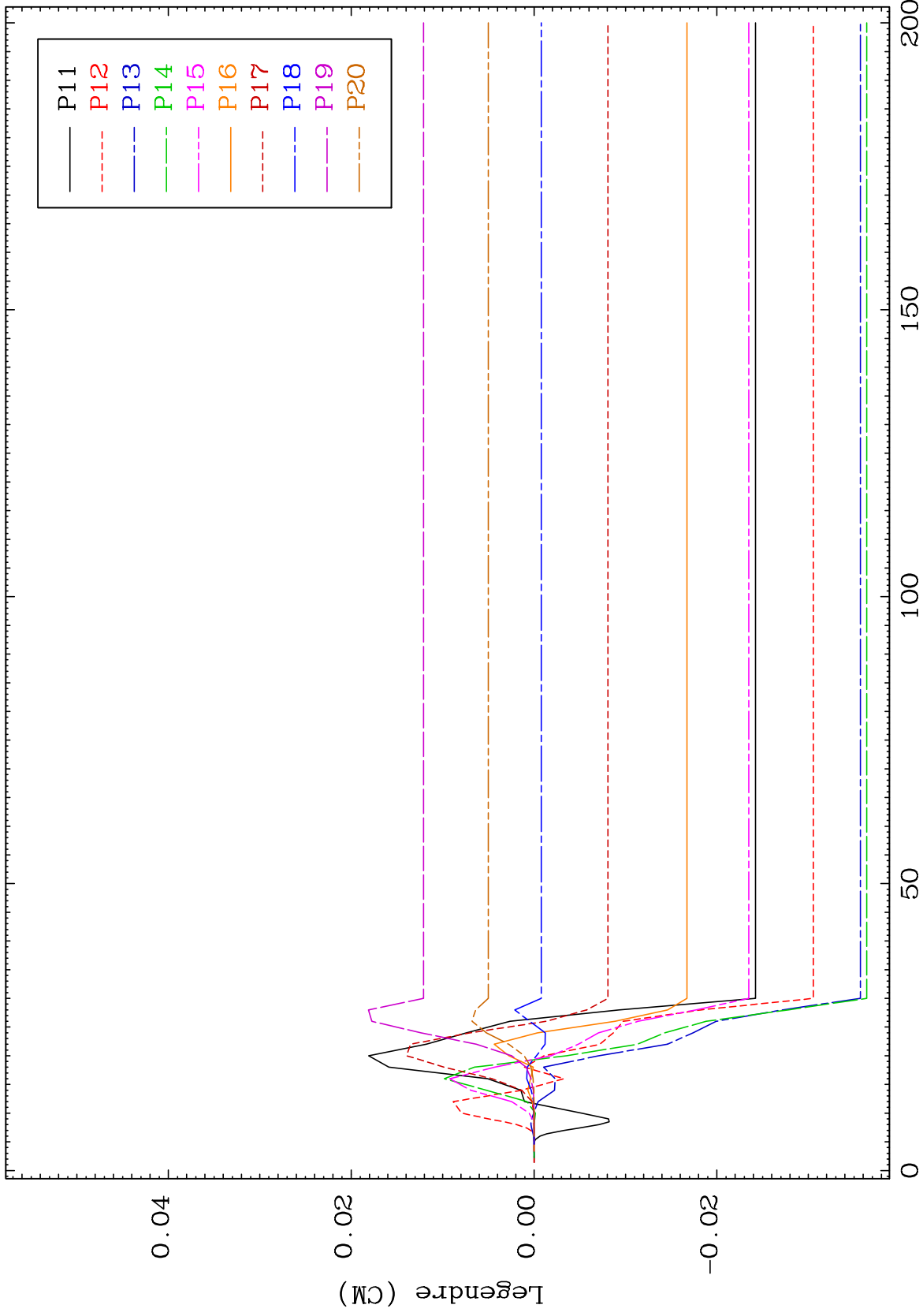
77-Ir-197



MAT 7743

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

77-Ir-197



66

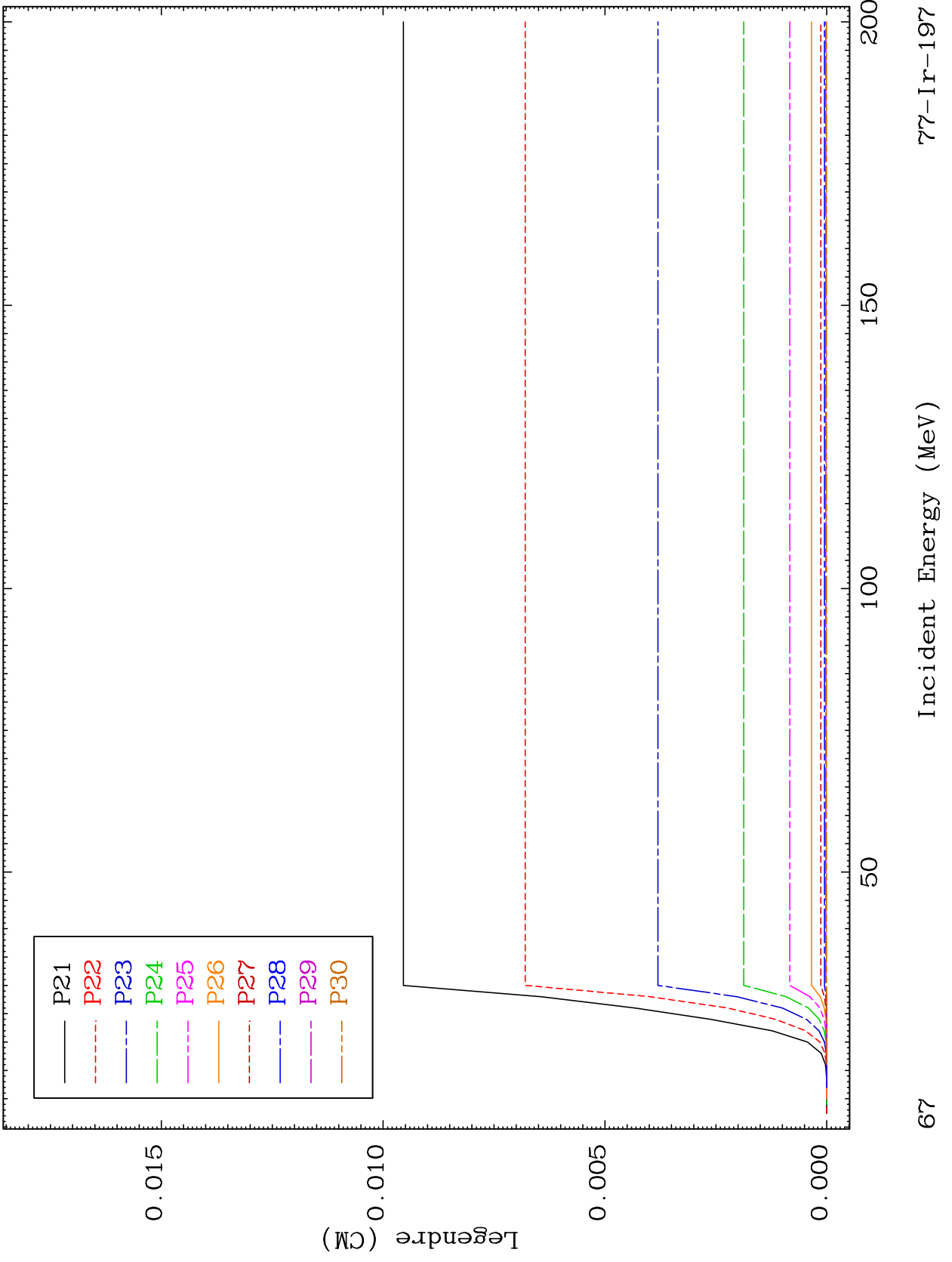
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



67

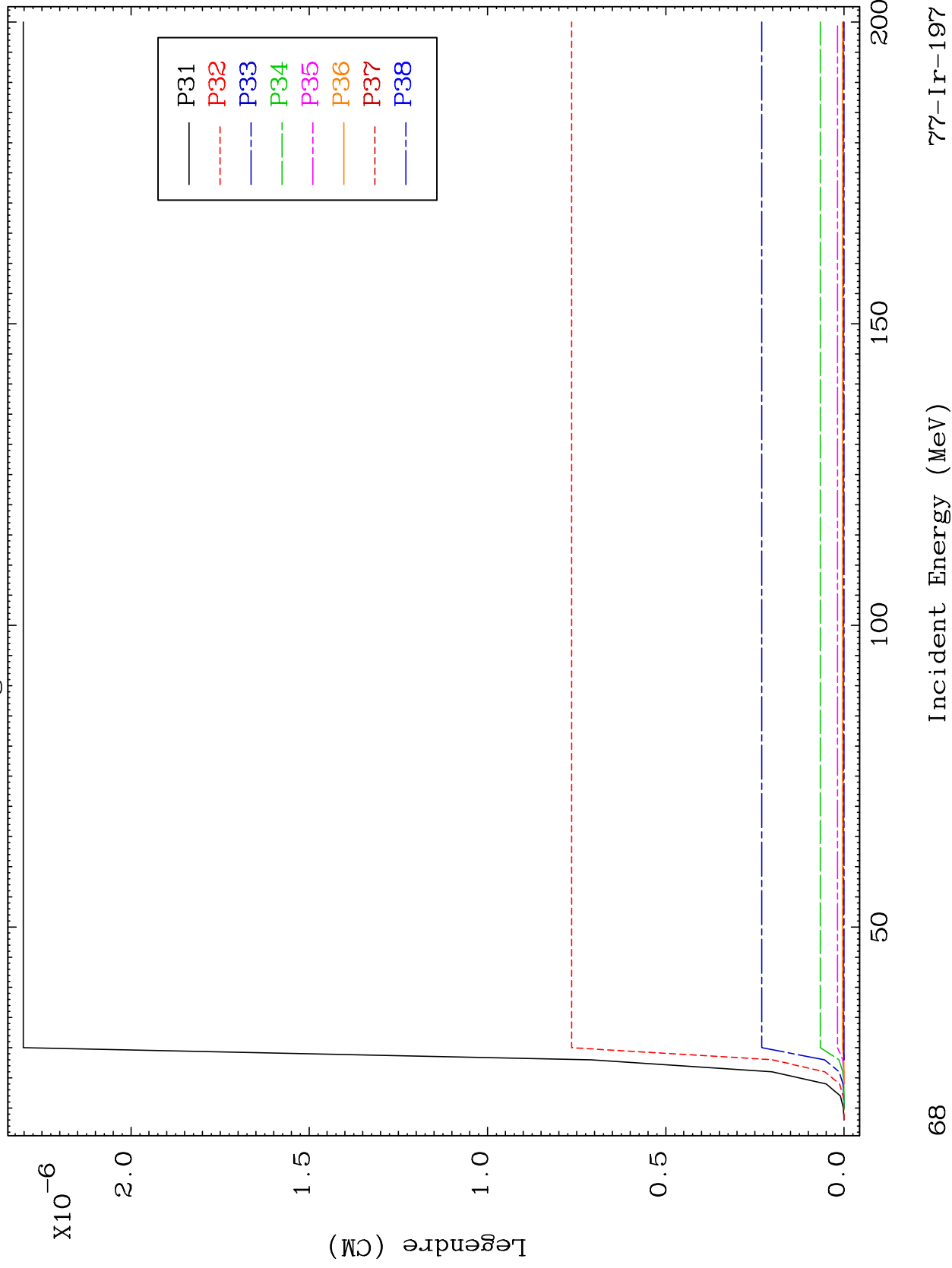
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



68

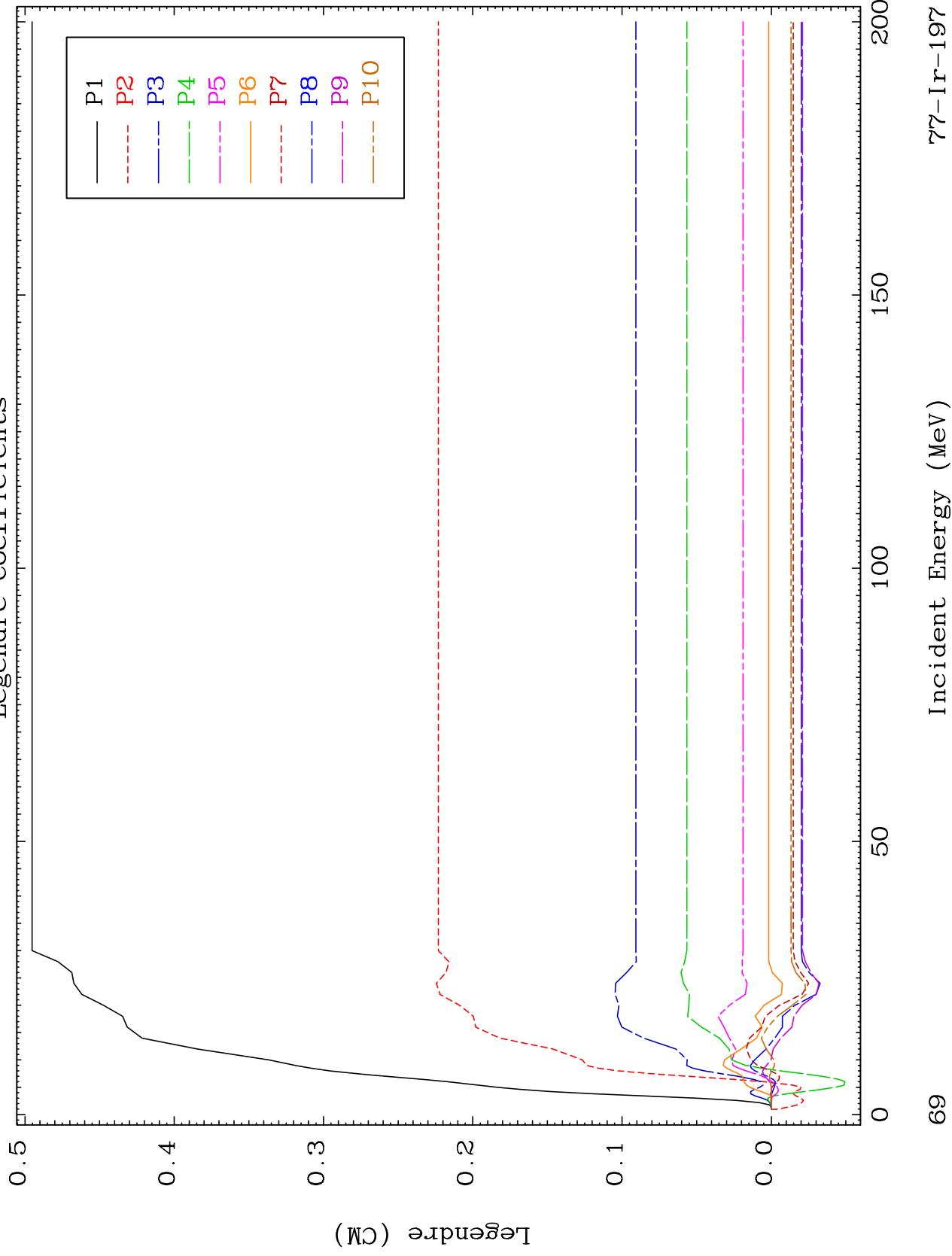
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

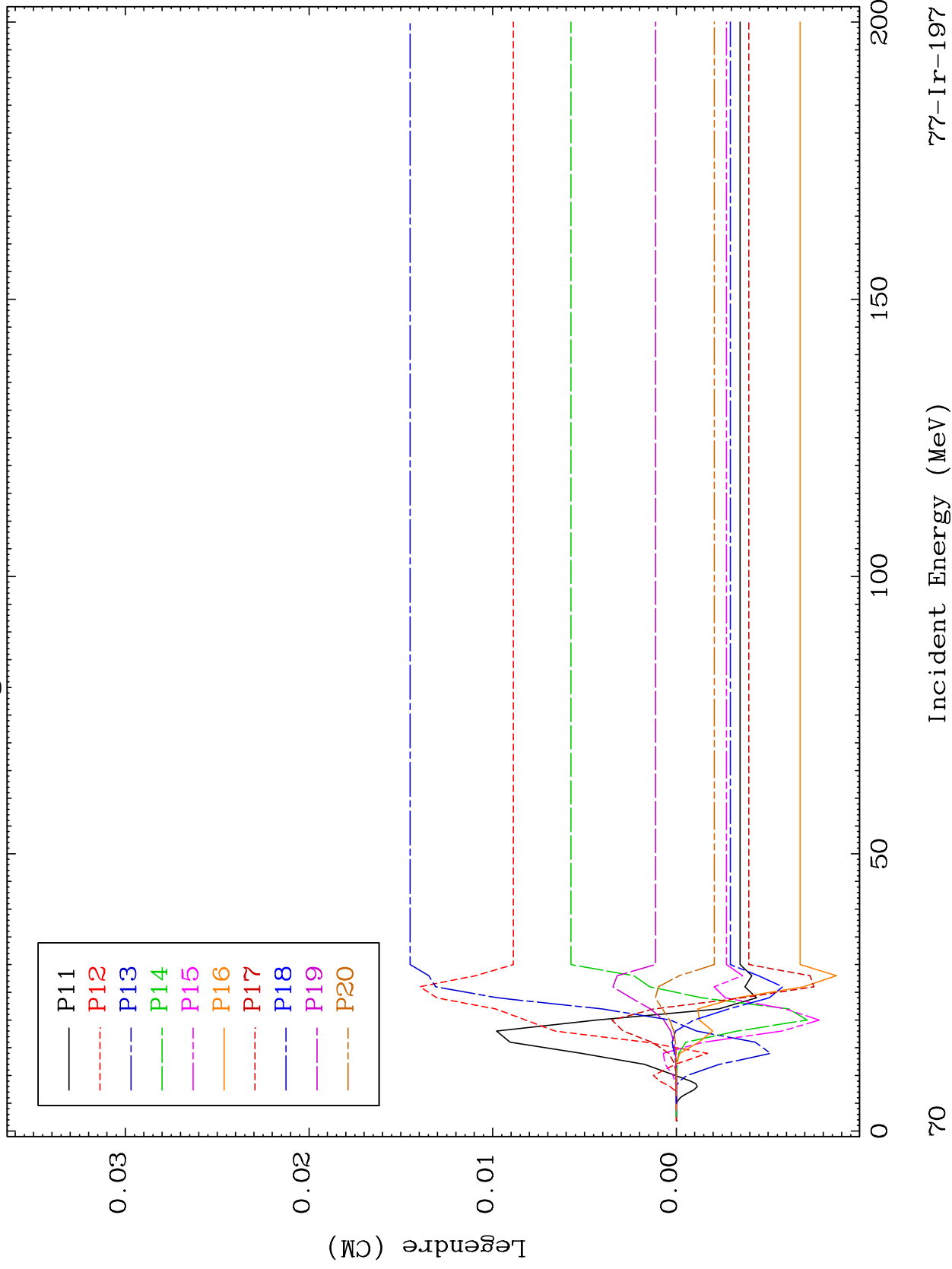
Incident Energy (MeV)

69

MAT 7743

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

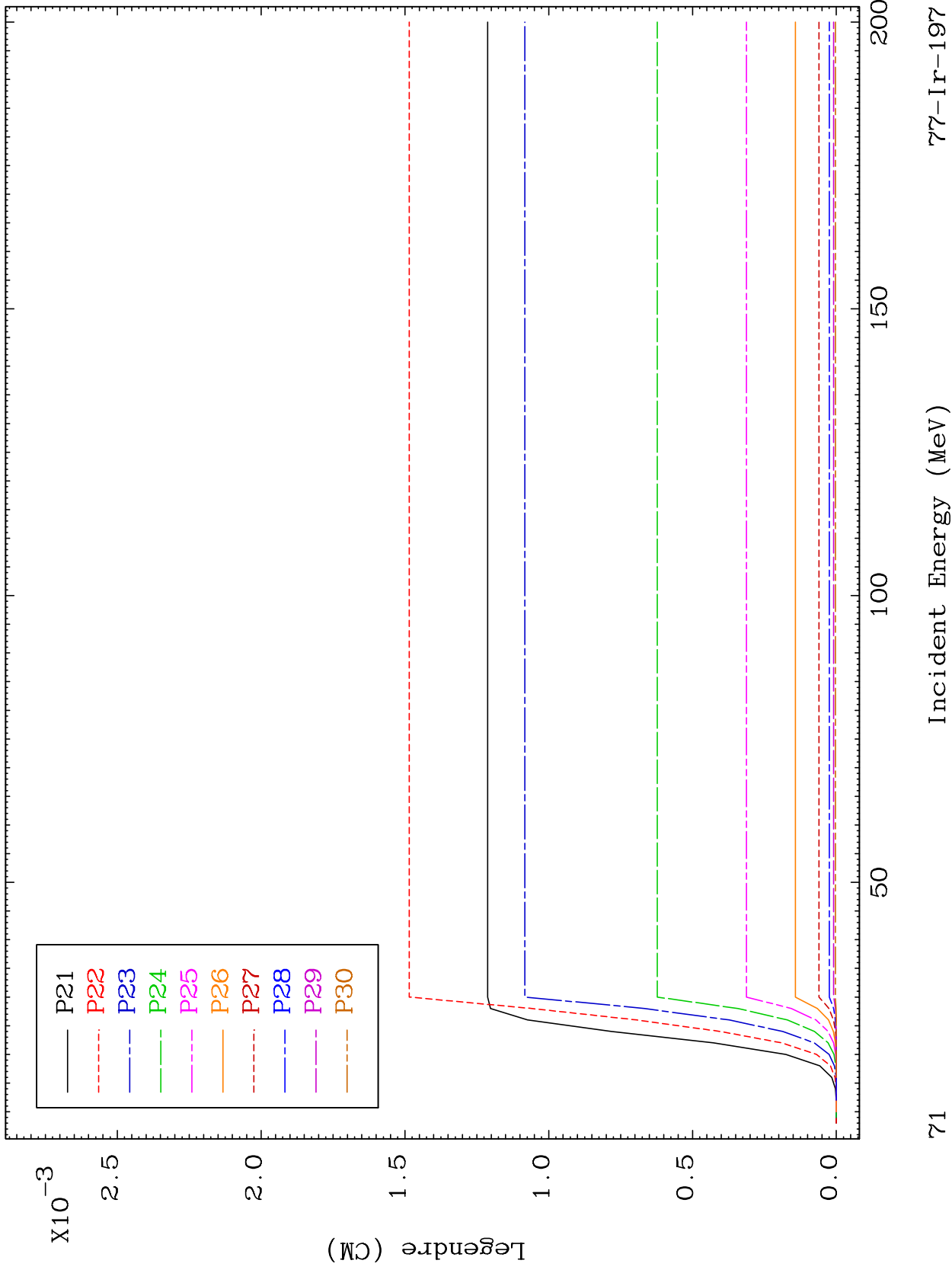
77-Ir-197



70

Incident Energy (MeV)

77-Ir-197

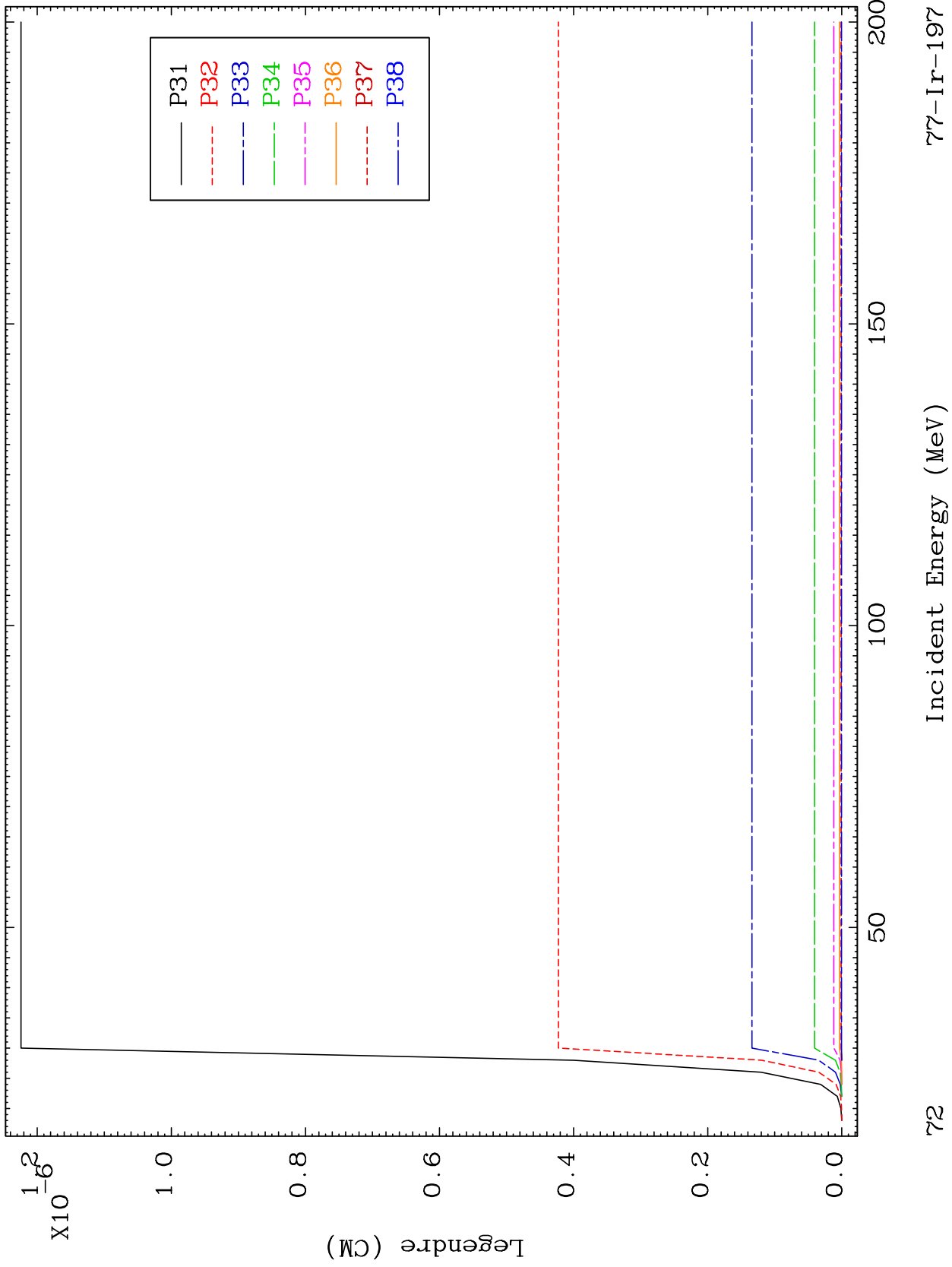




MAT 7743

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

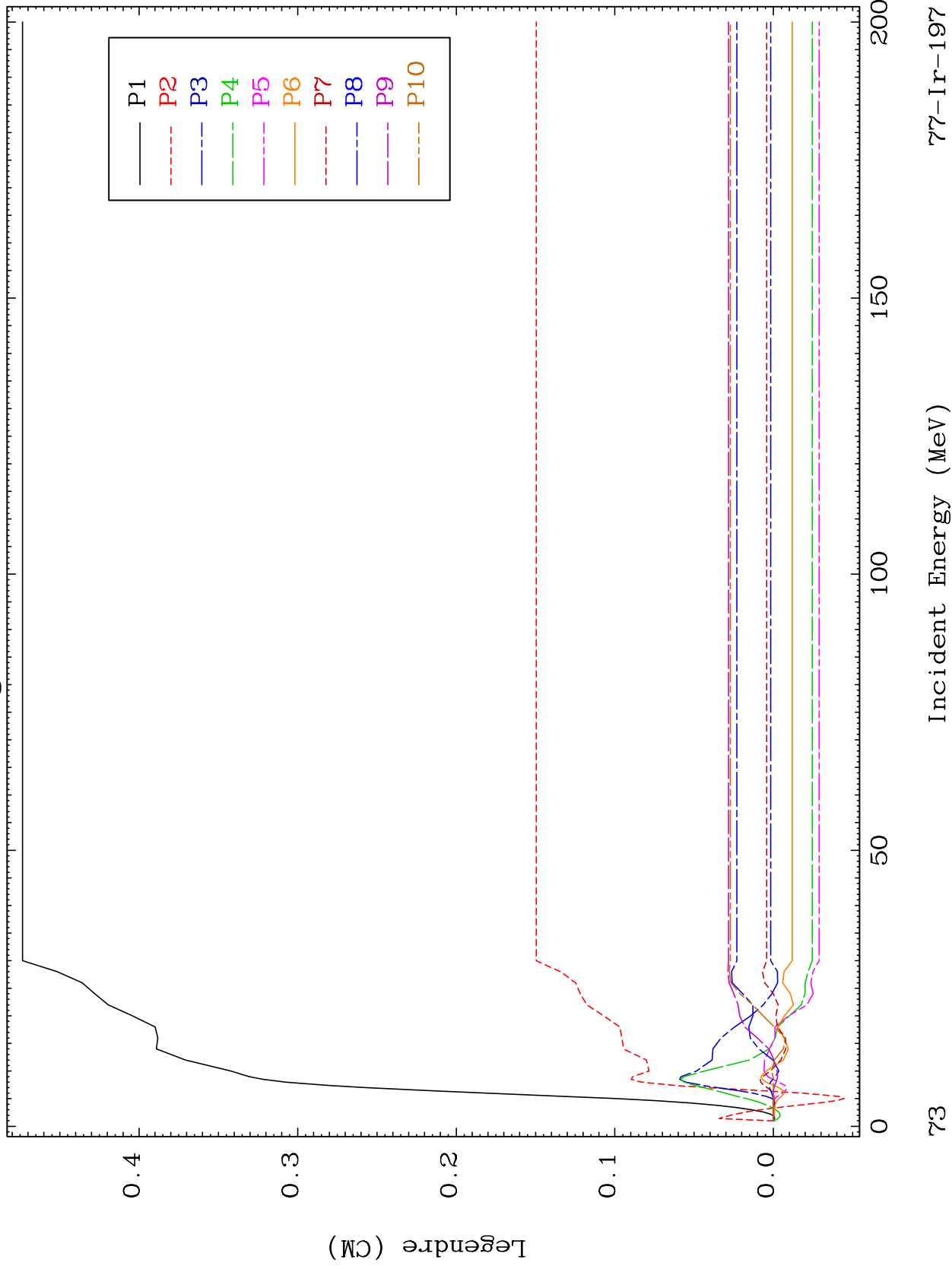
77-Ir-197



MAT 7743

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

77-Ir-197



73

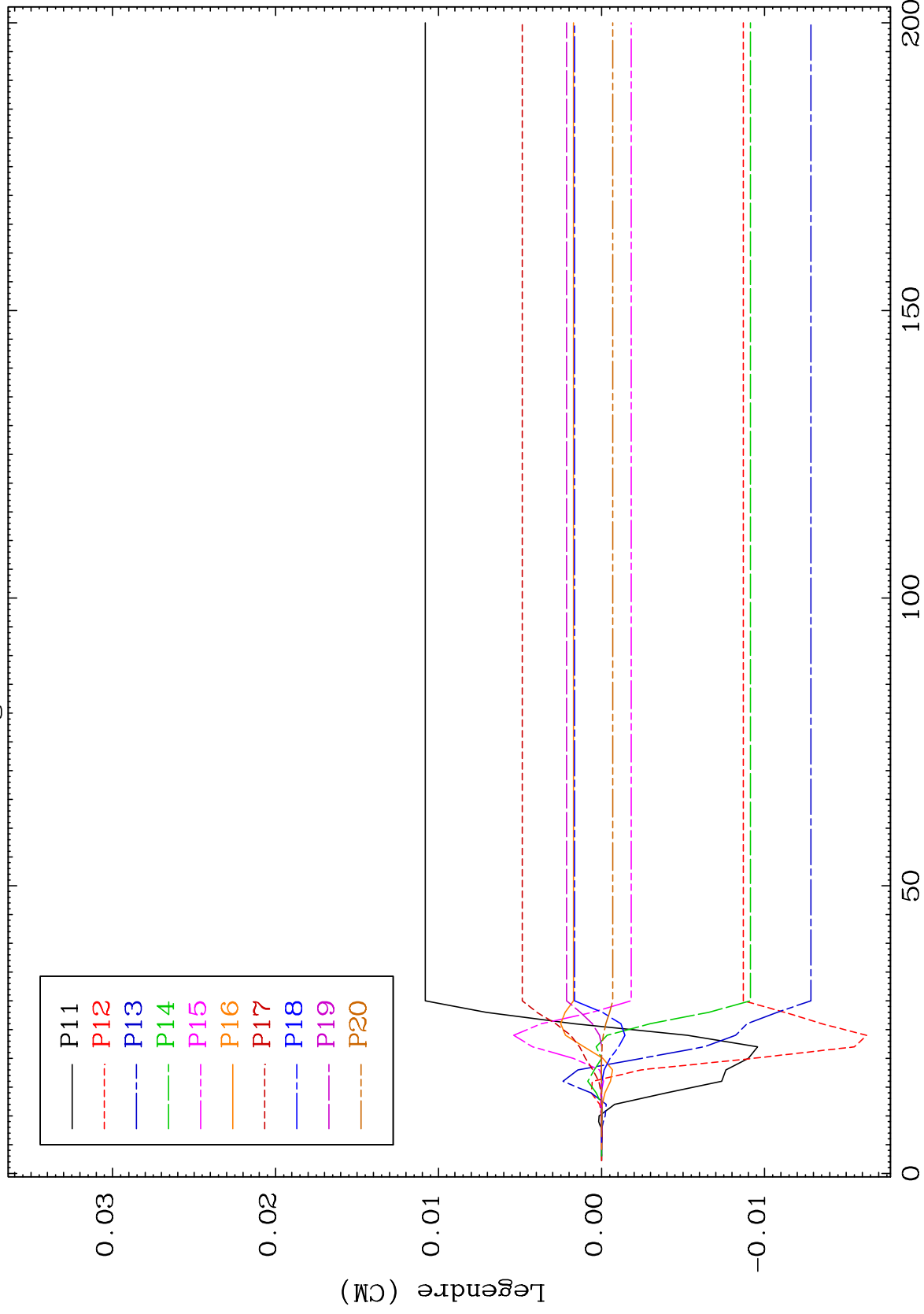
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

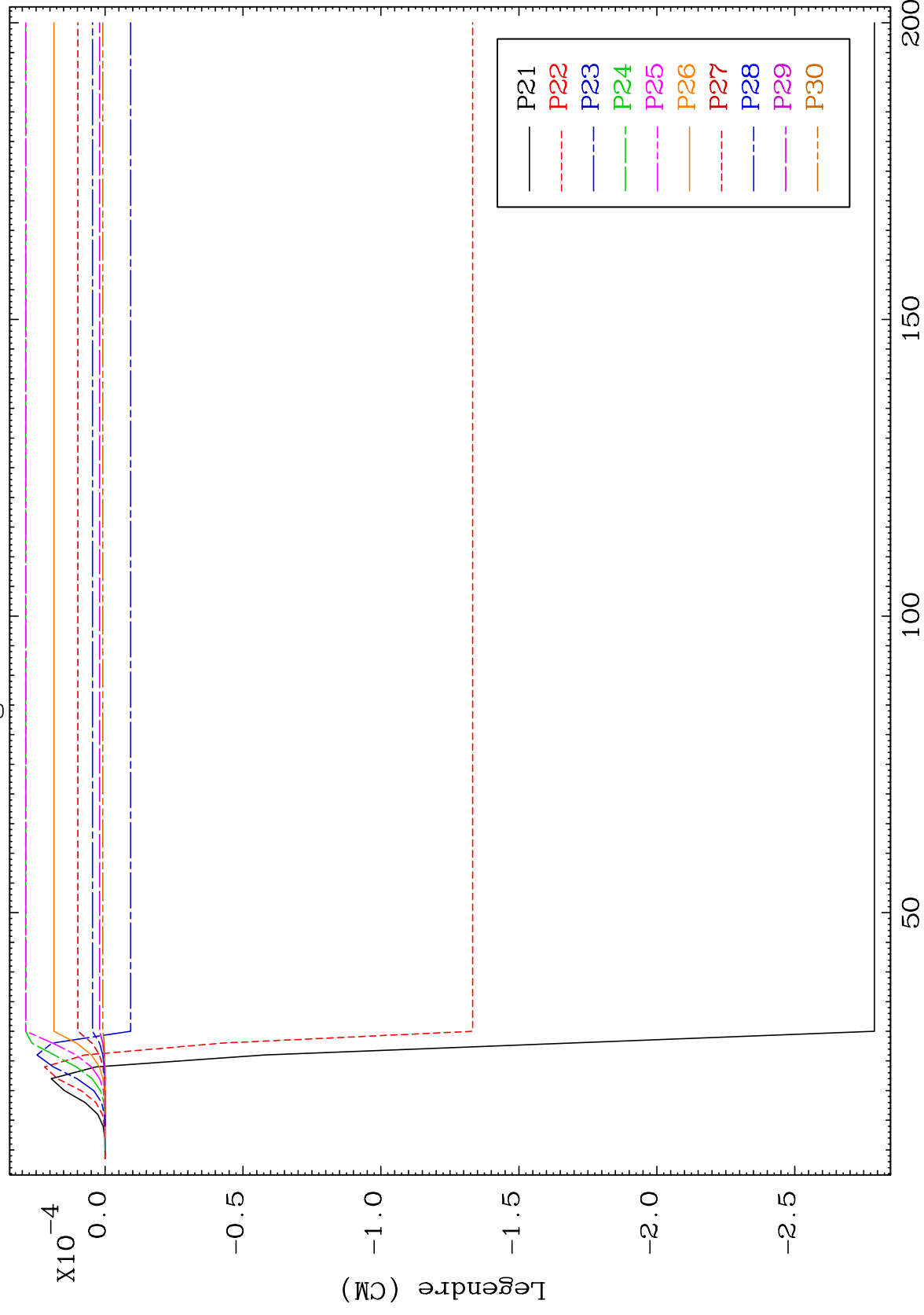
77-Ir-197



74

Incident Energy (MeV)

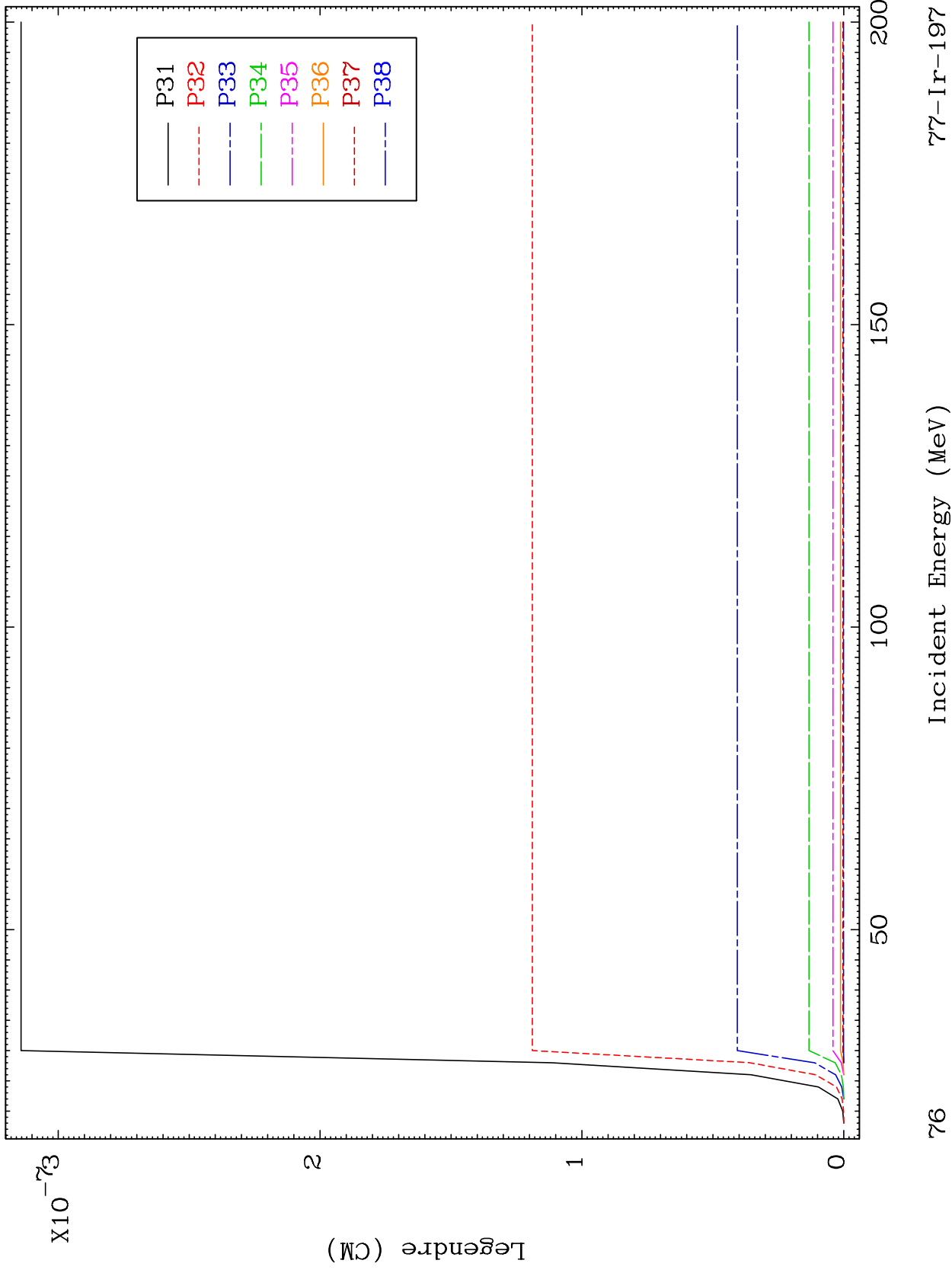
77-Ir-197



MAT 7743

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

77-Ir-197



76

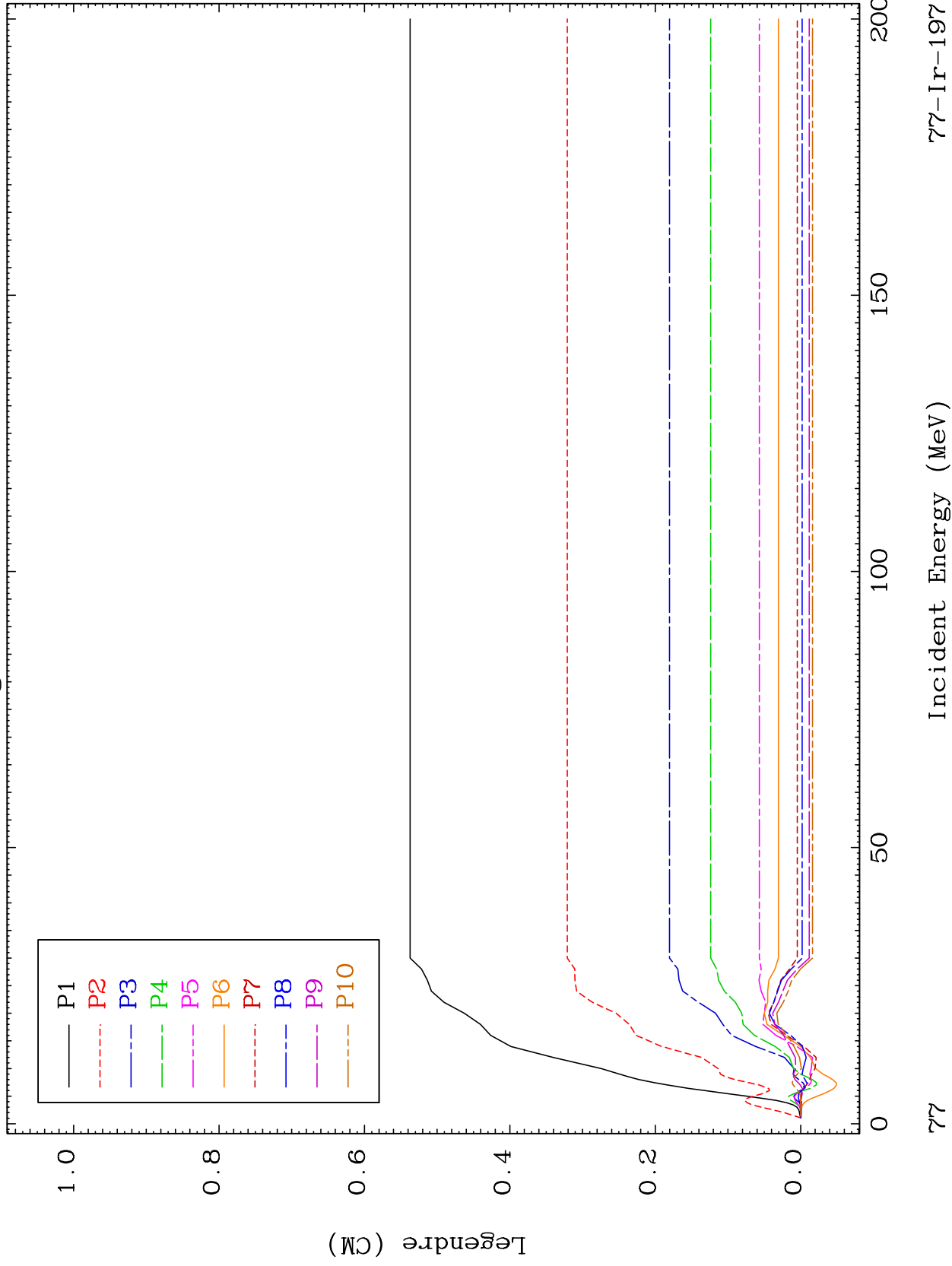
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197

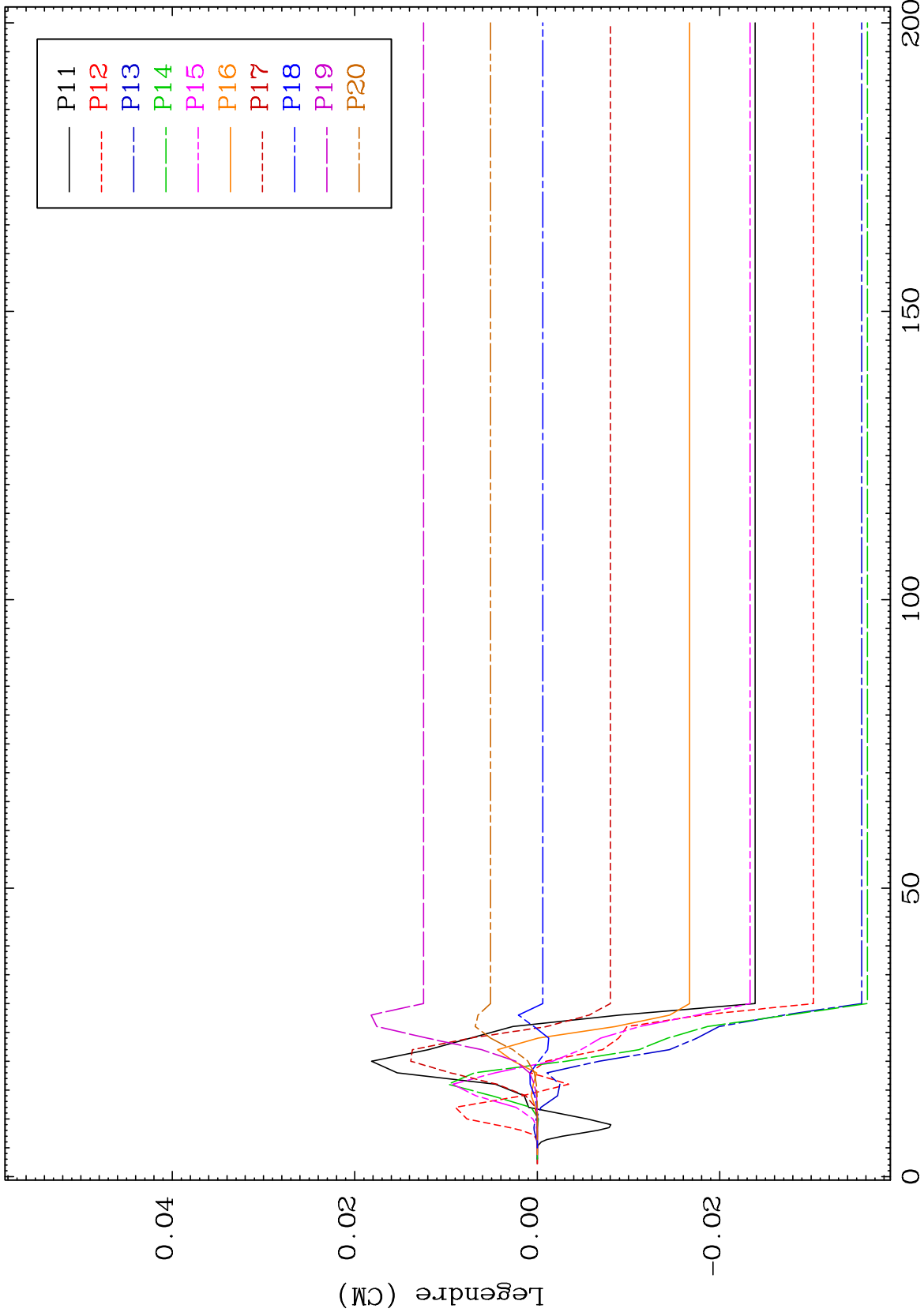


77

MAT 7743

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

77-Ir-197



78

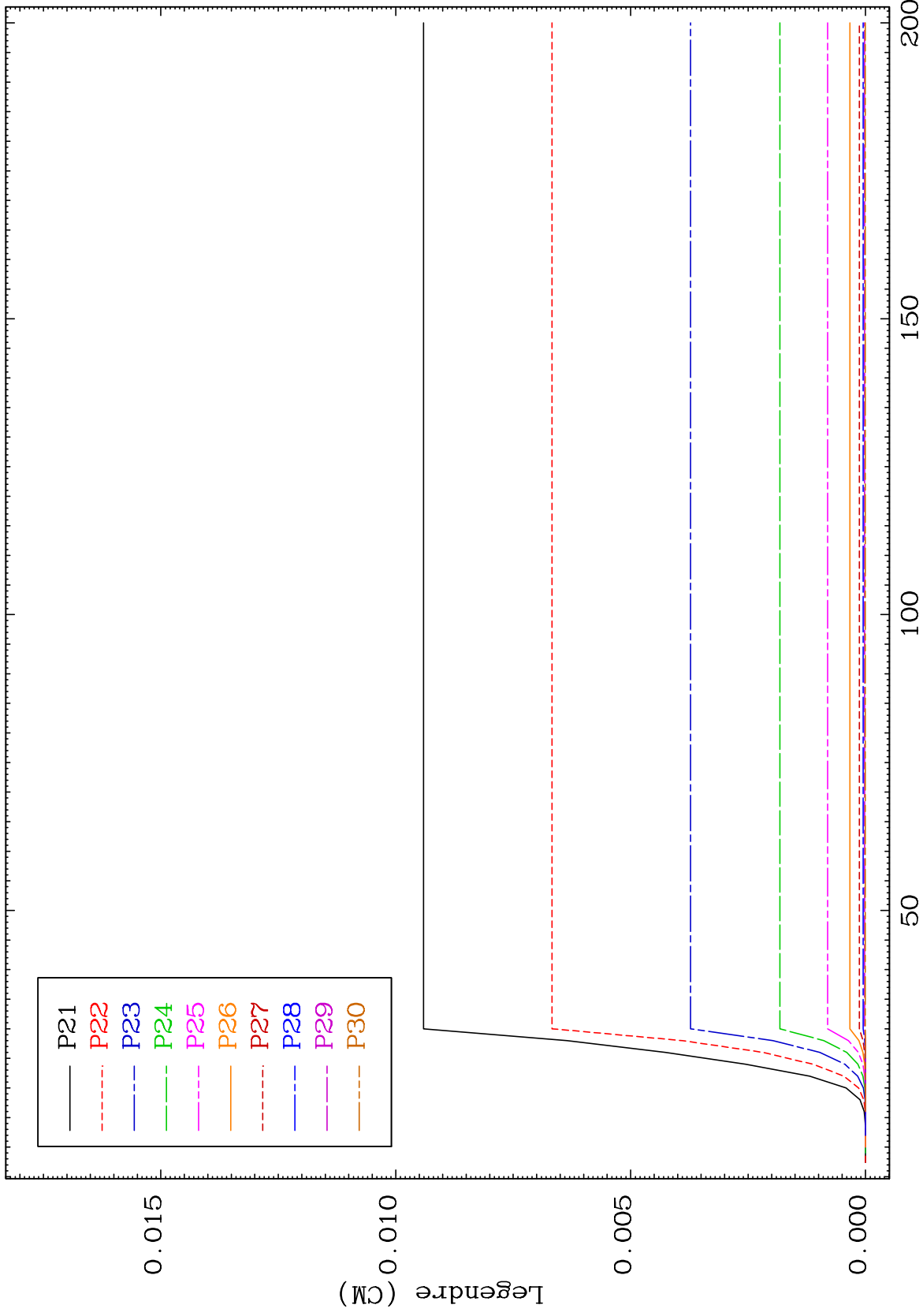
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



79

Incident Energy (MeV)

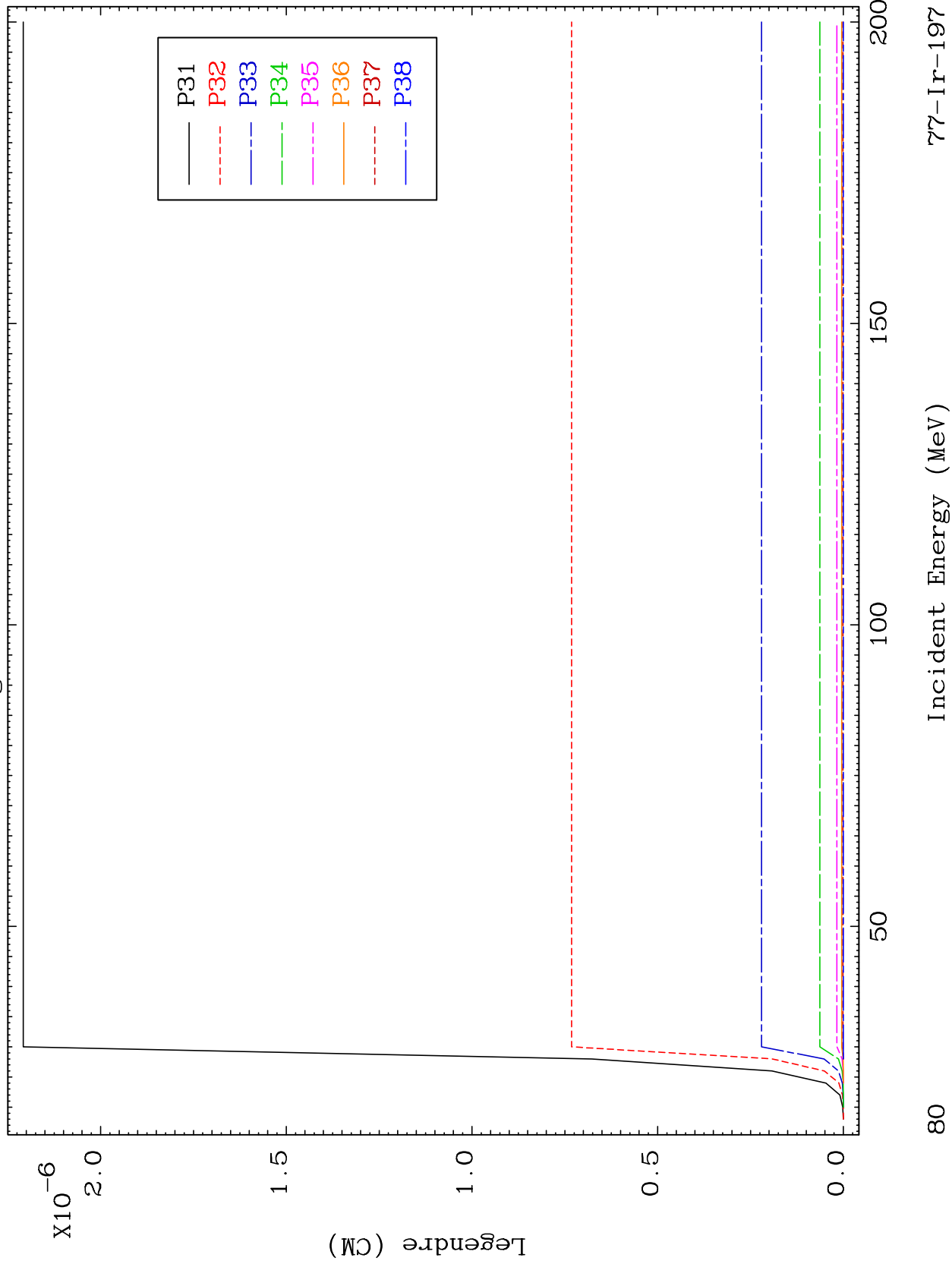
77-Ir-197



MAT 7743

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

77-Ir-197



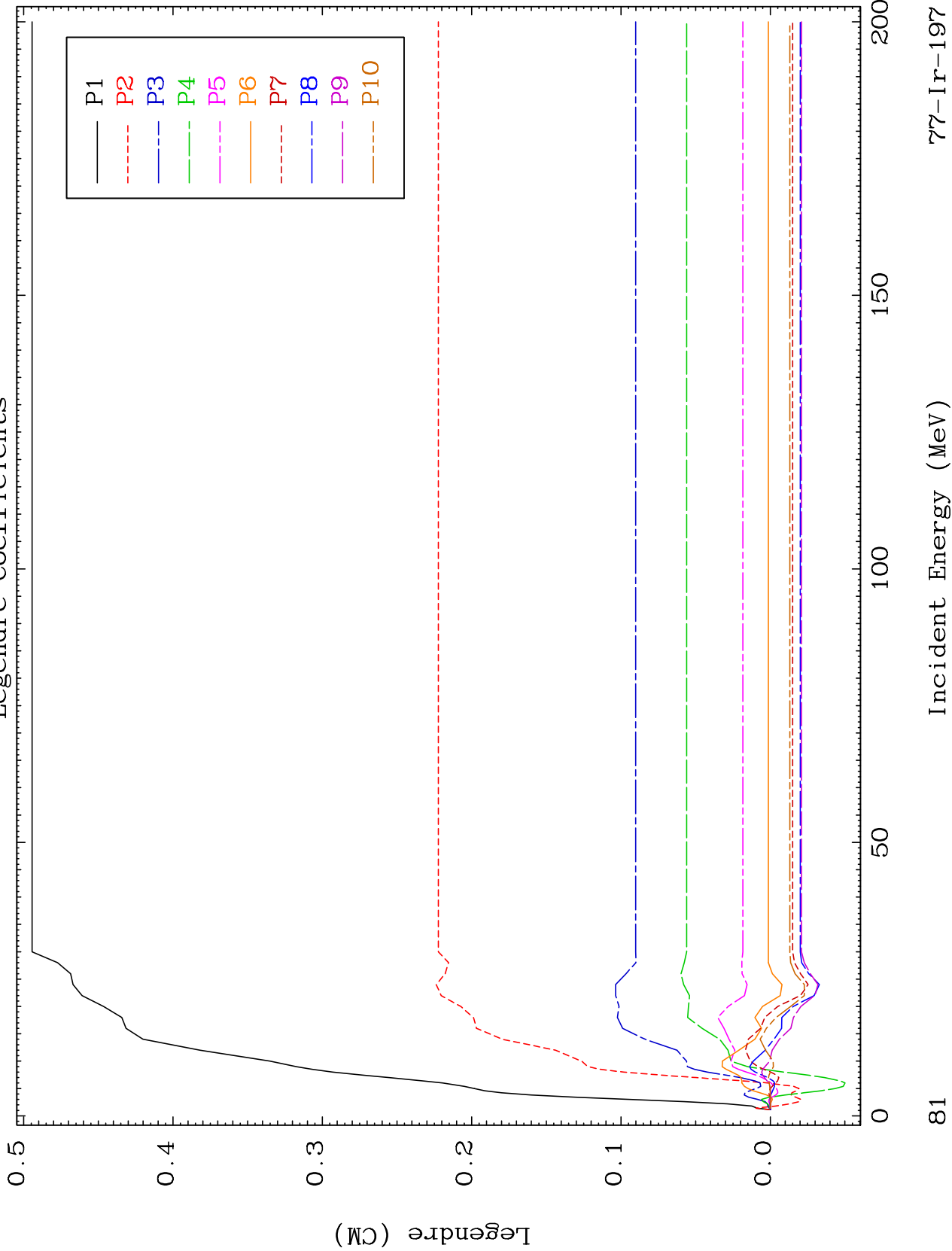
77-Ir-197

MAT 7743

MT= 66 (n,n') Level

77-Ir-197

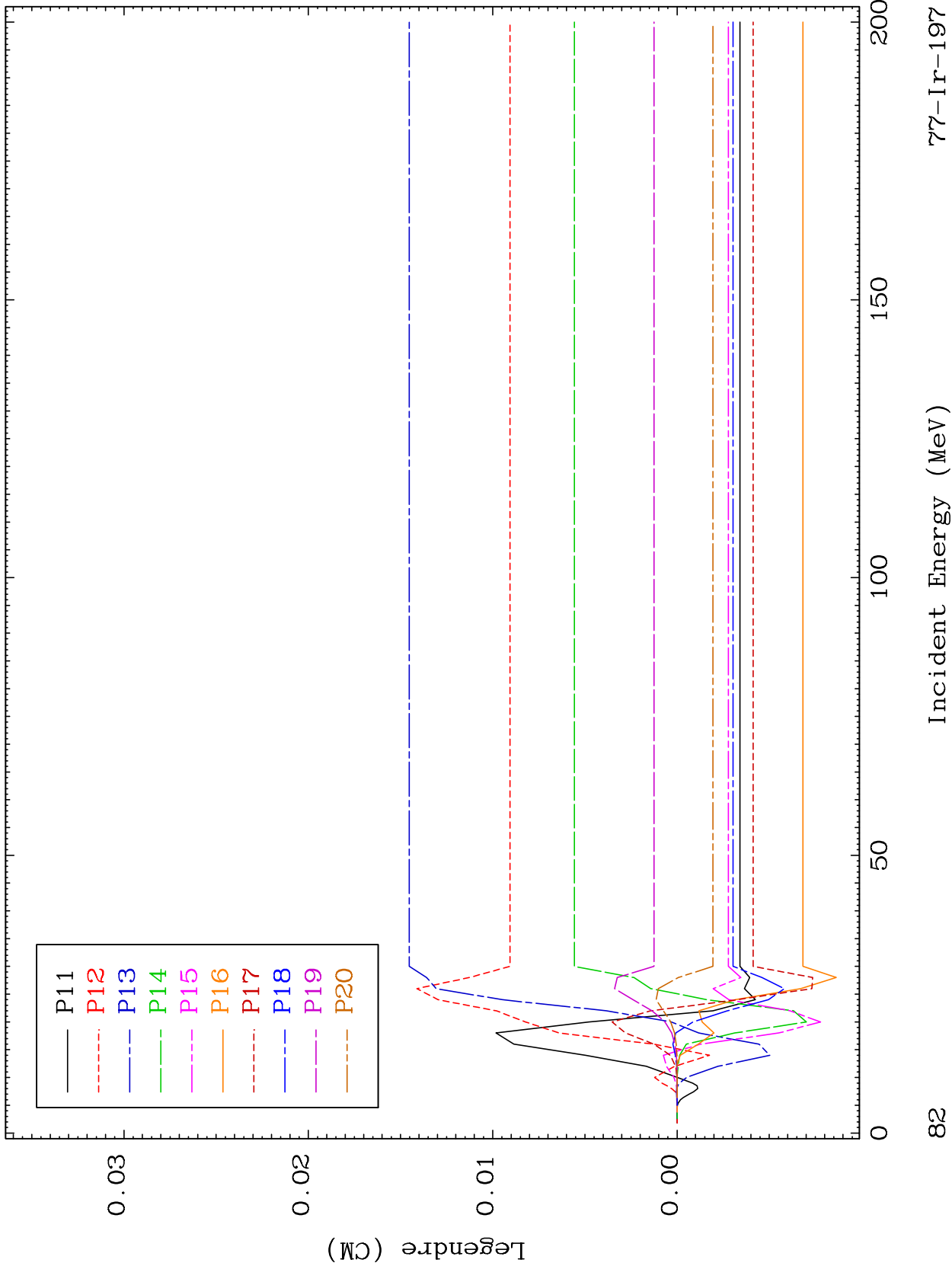
Legendre Coefficients



MAT 7743

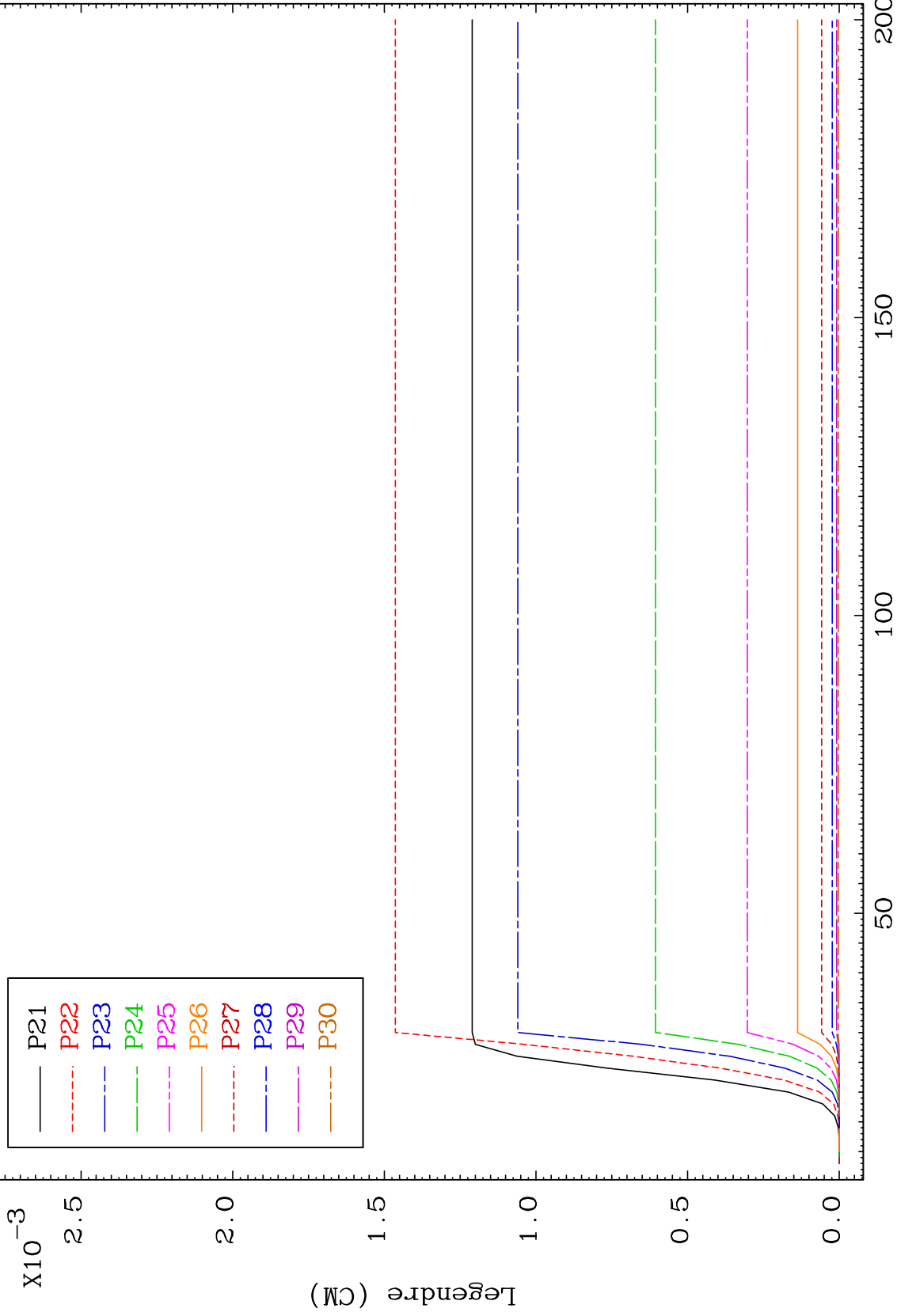
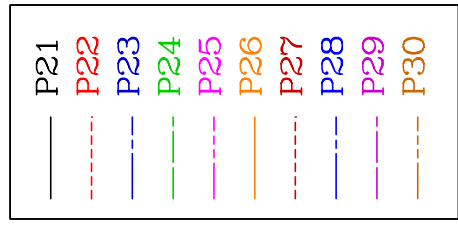
MT= 66 (n,n') Level Legendre Coefficients

77-Ir-197



82

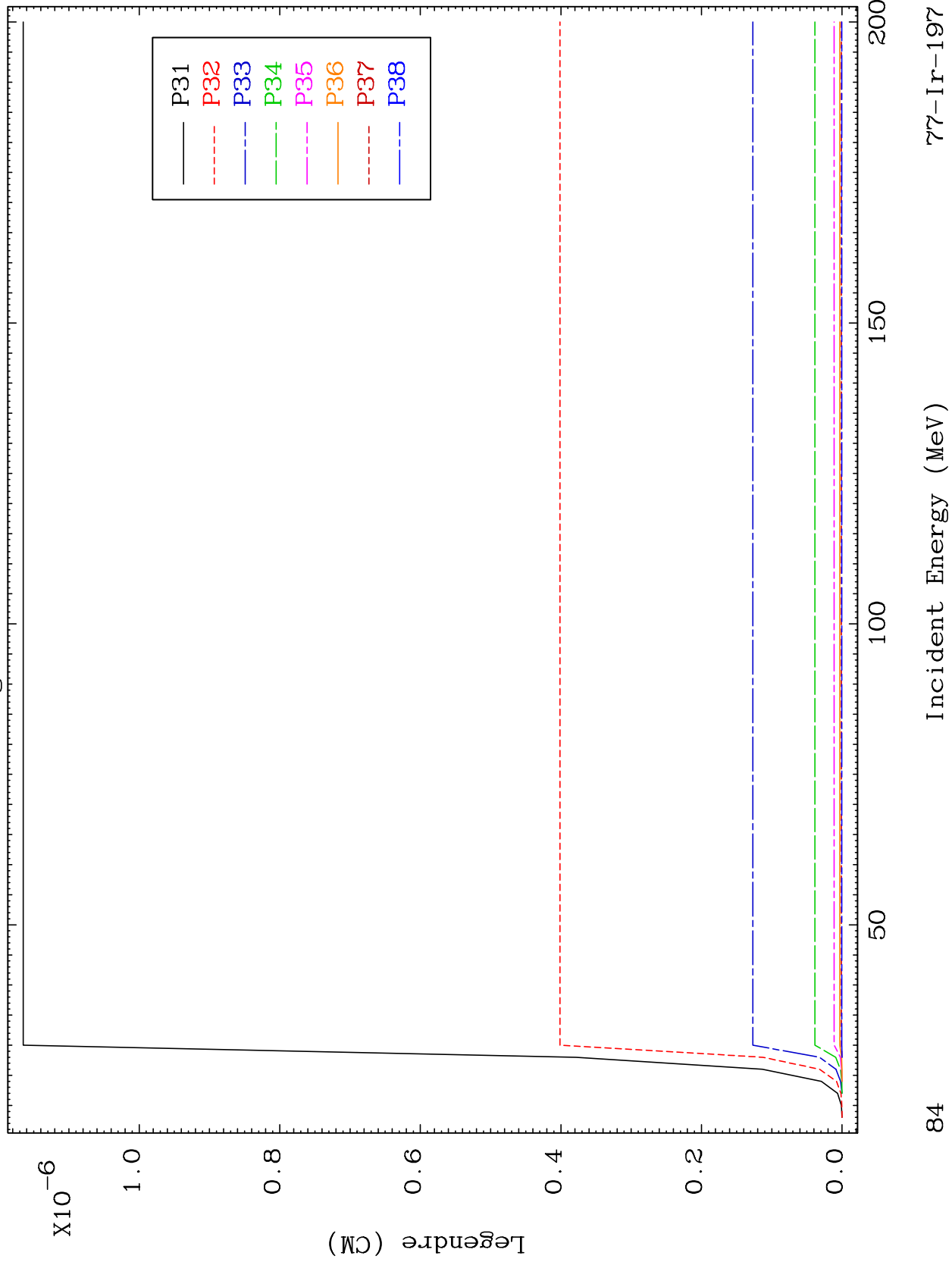
77-Ir-197



MAT 7743

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

77-Ir-197



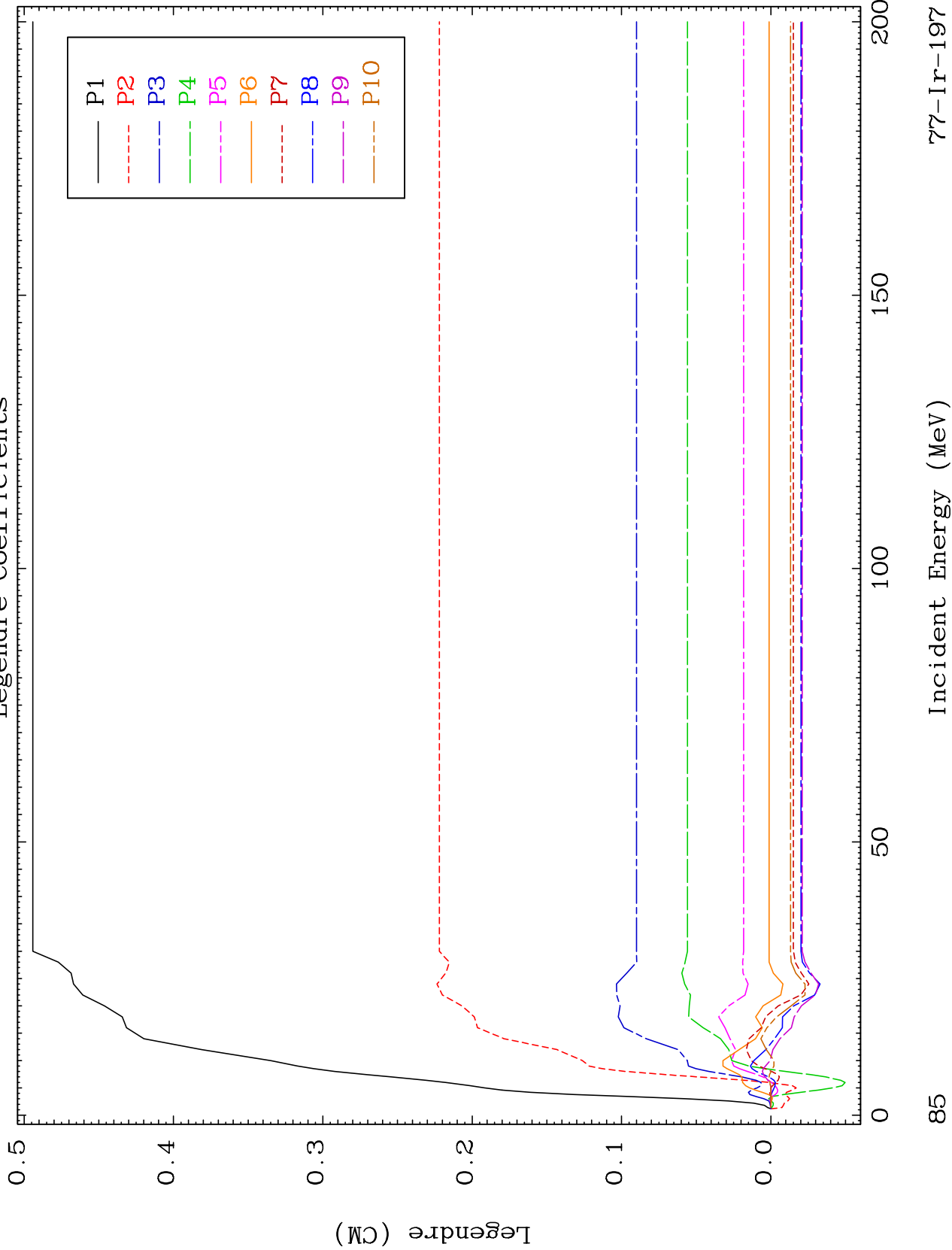
84

77-Ir-197

MAT 7743

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

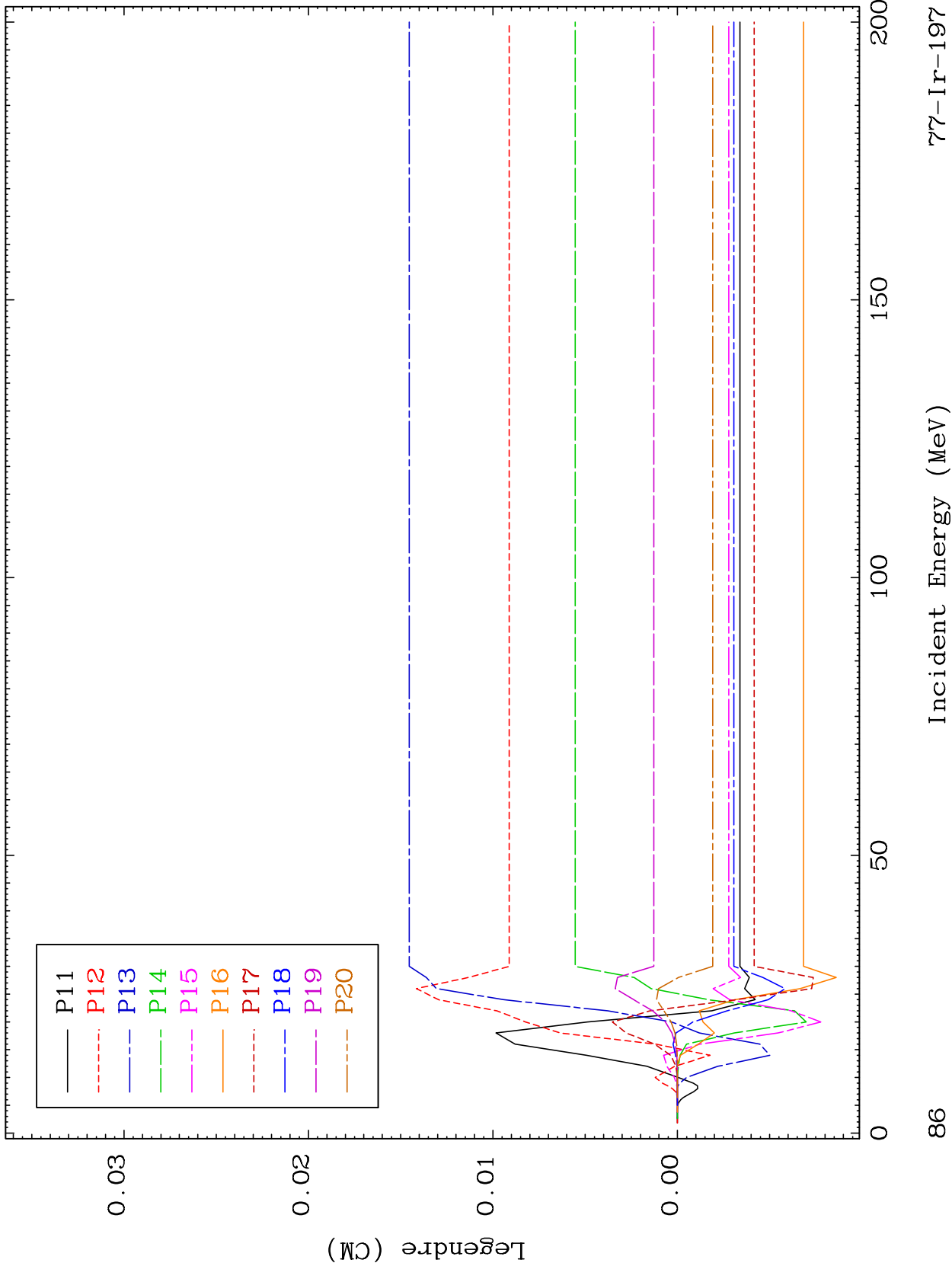
77-Ir-197

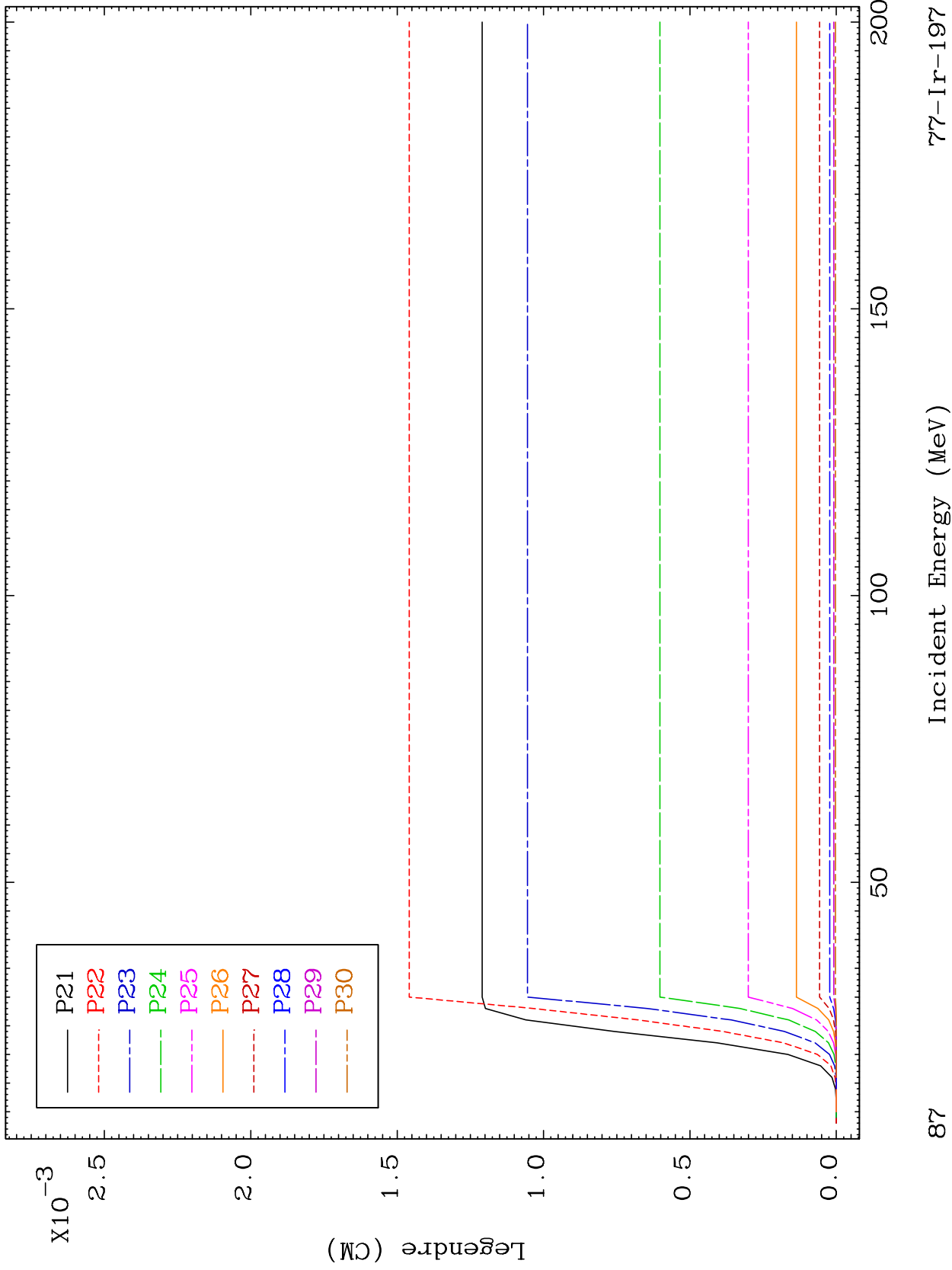


77-Ir-197

Incident Energy (MeV)

85



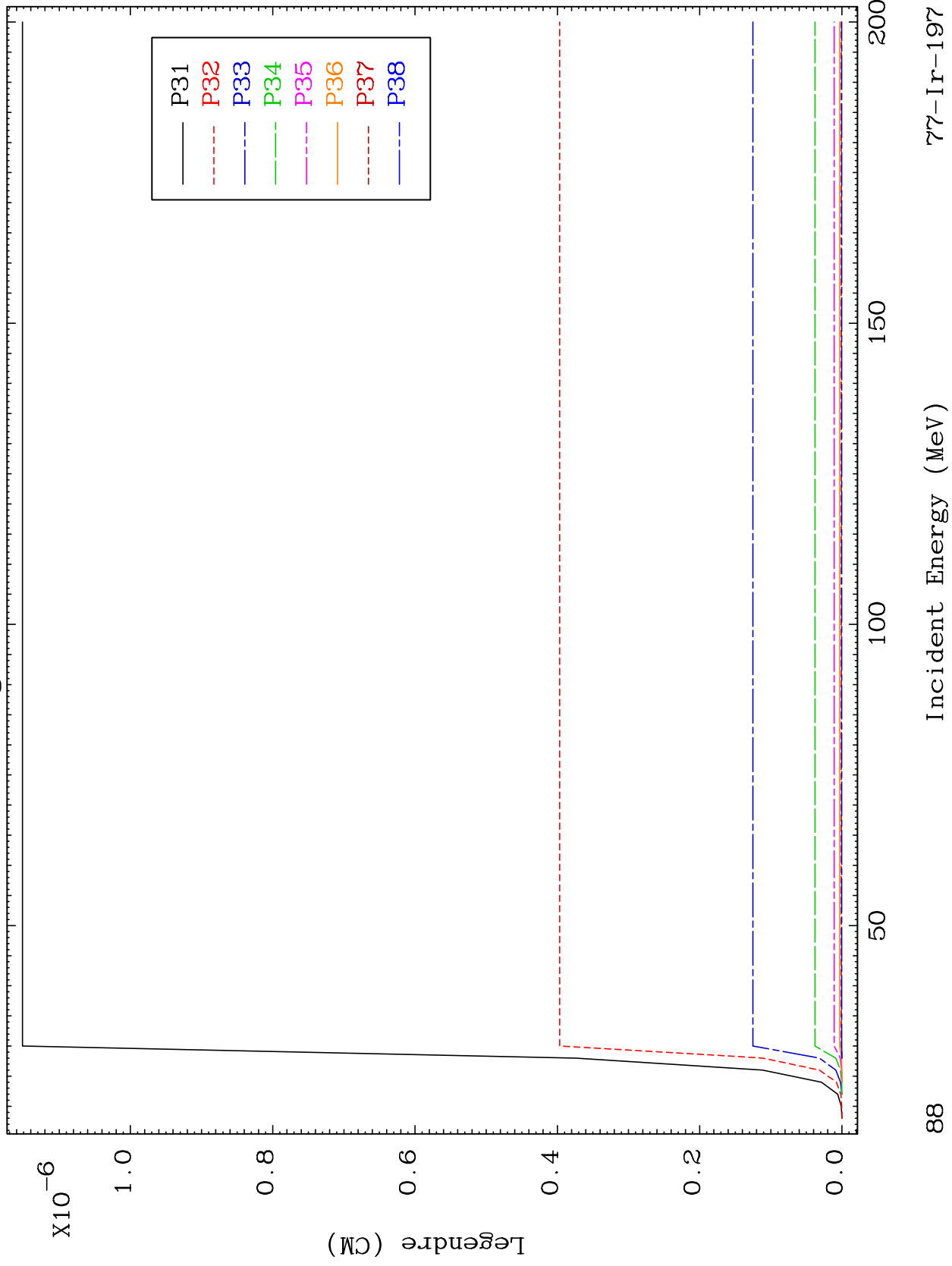




MAT 7743

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

77-Ir-197



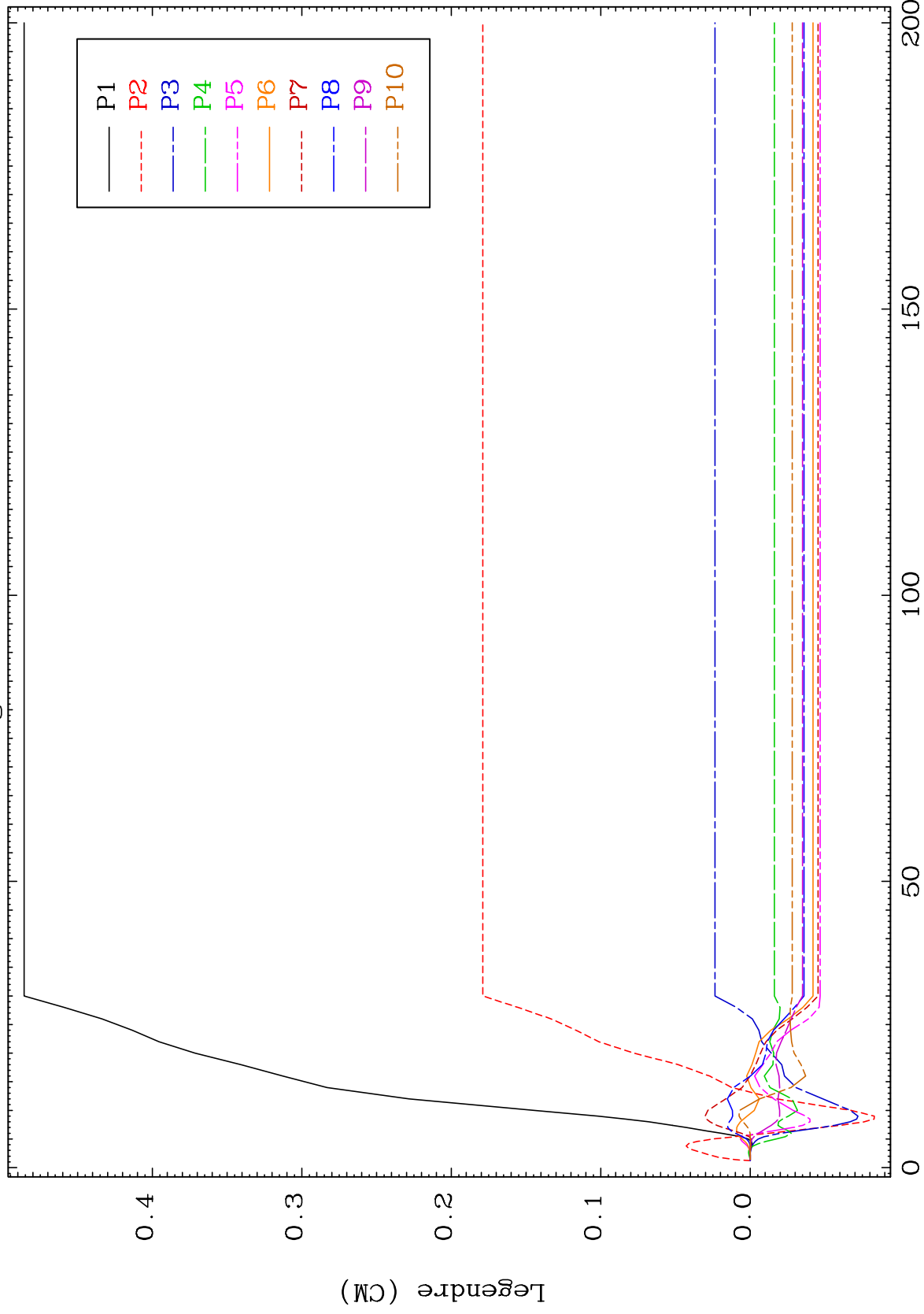
88

77-Ir-197

MAT 7743

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

77-Ir-197



89

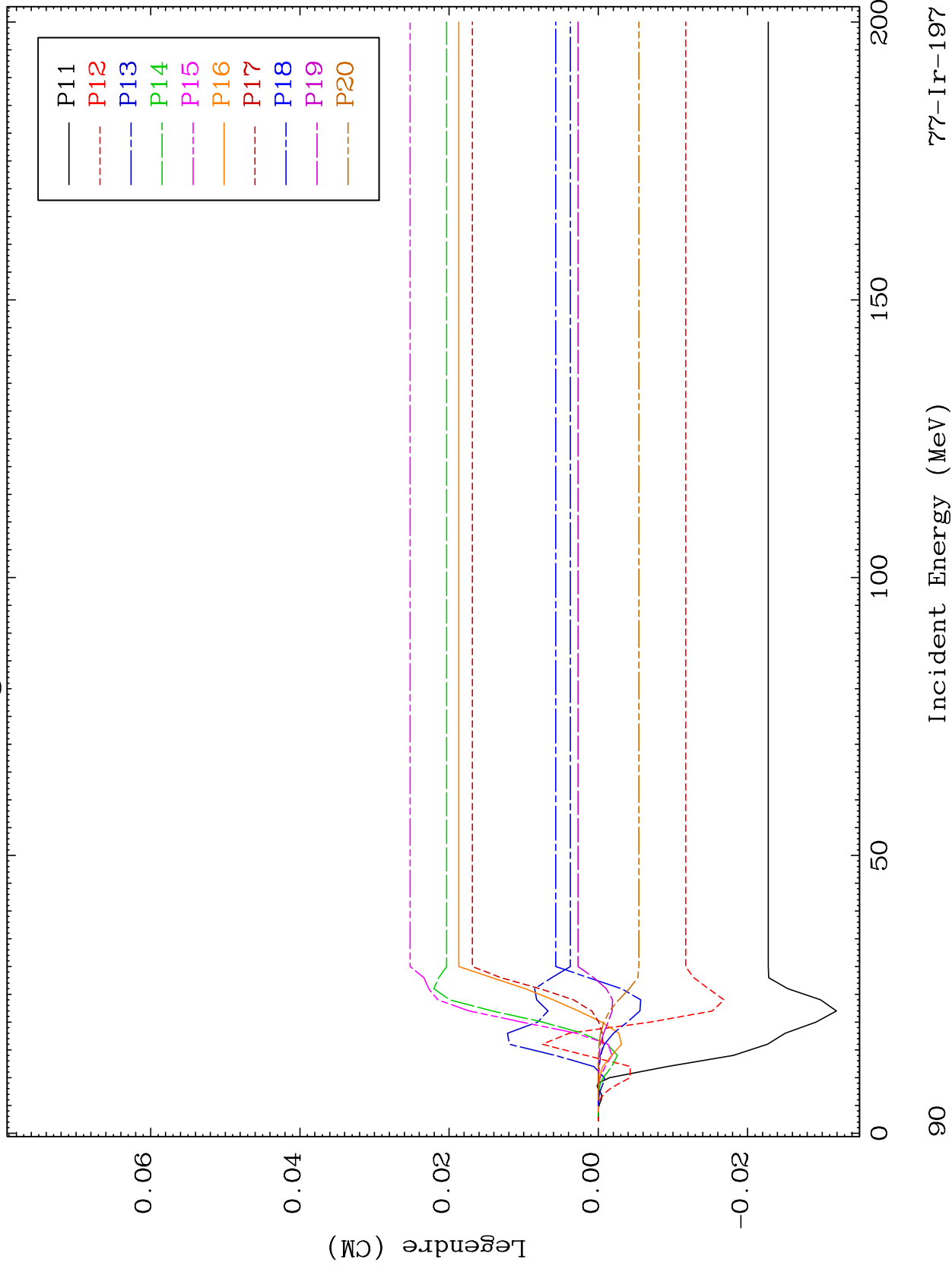
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

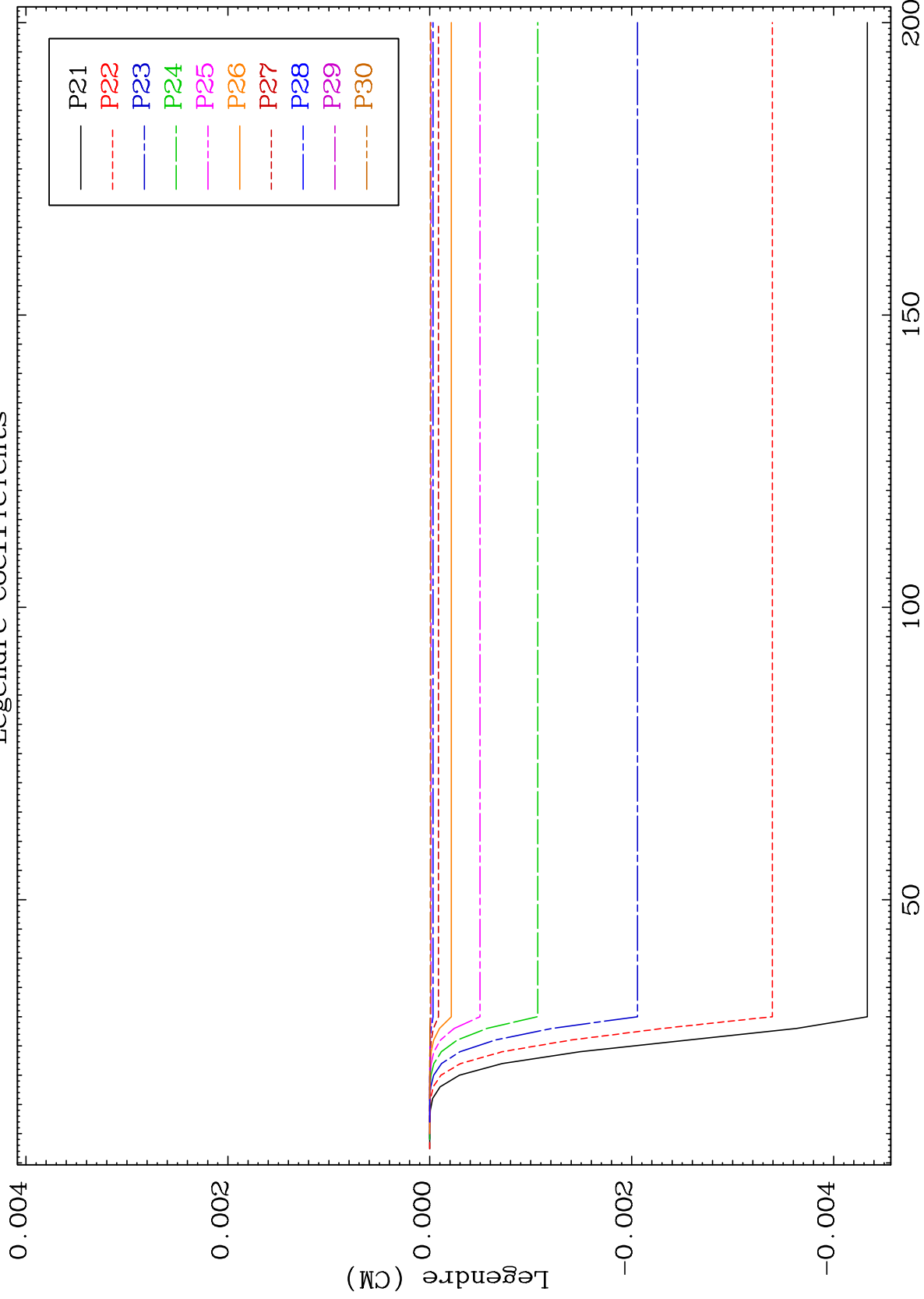
Incident Energy (MeV)

90

MAT 7743

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

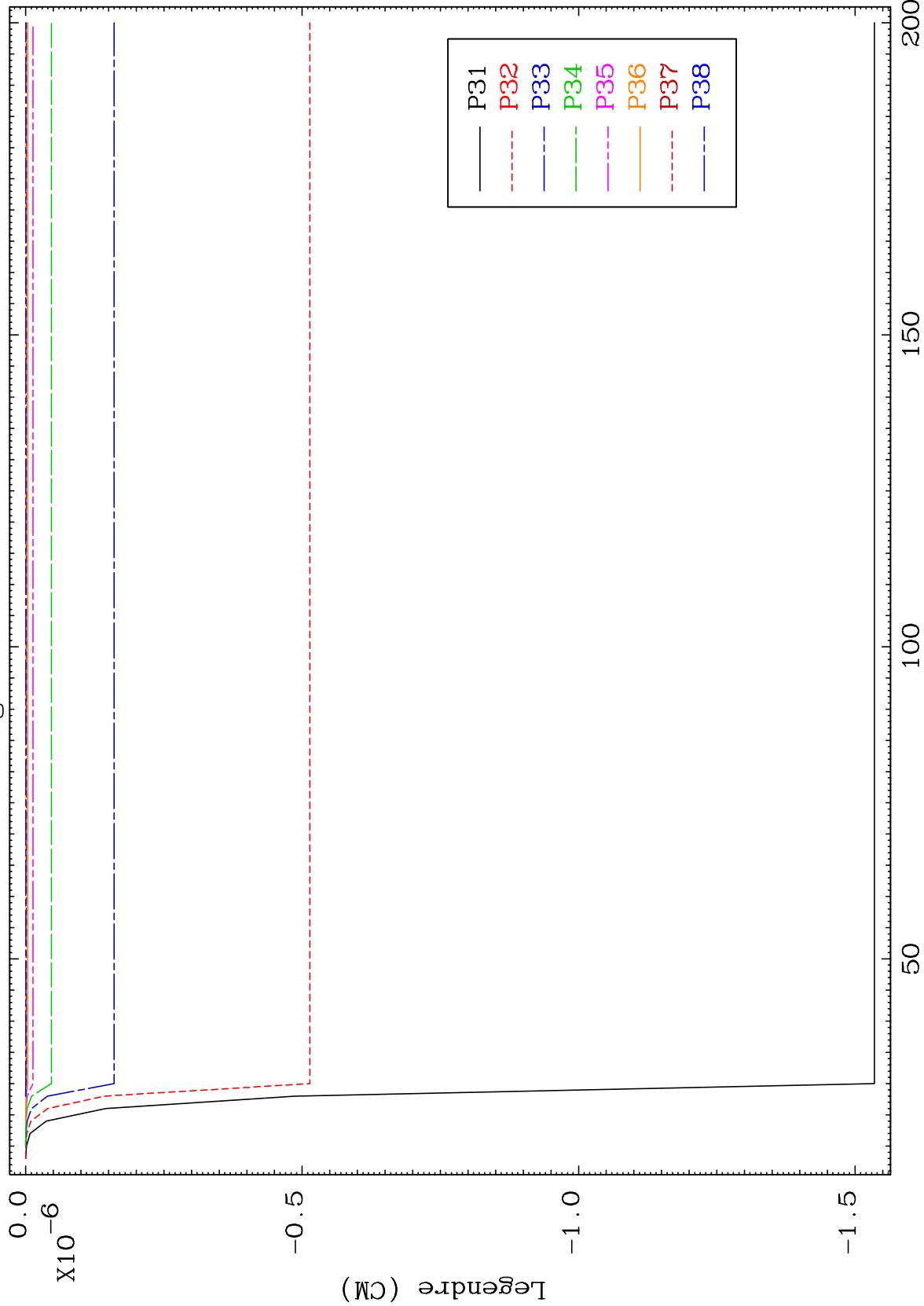
77-Ir-197



MAT 7743

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

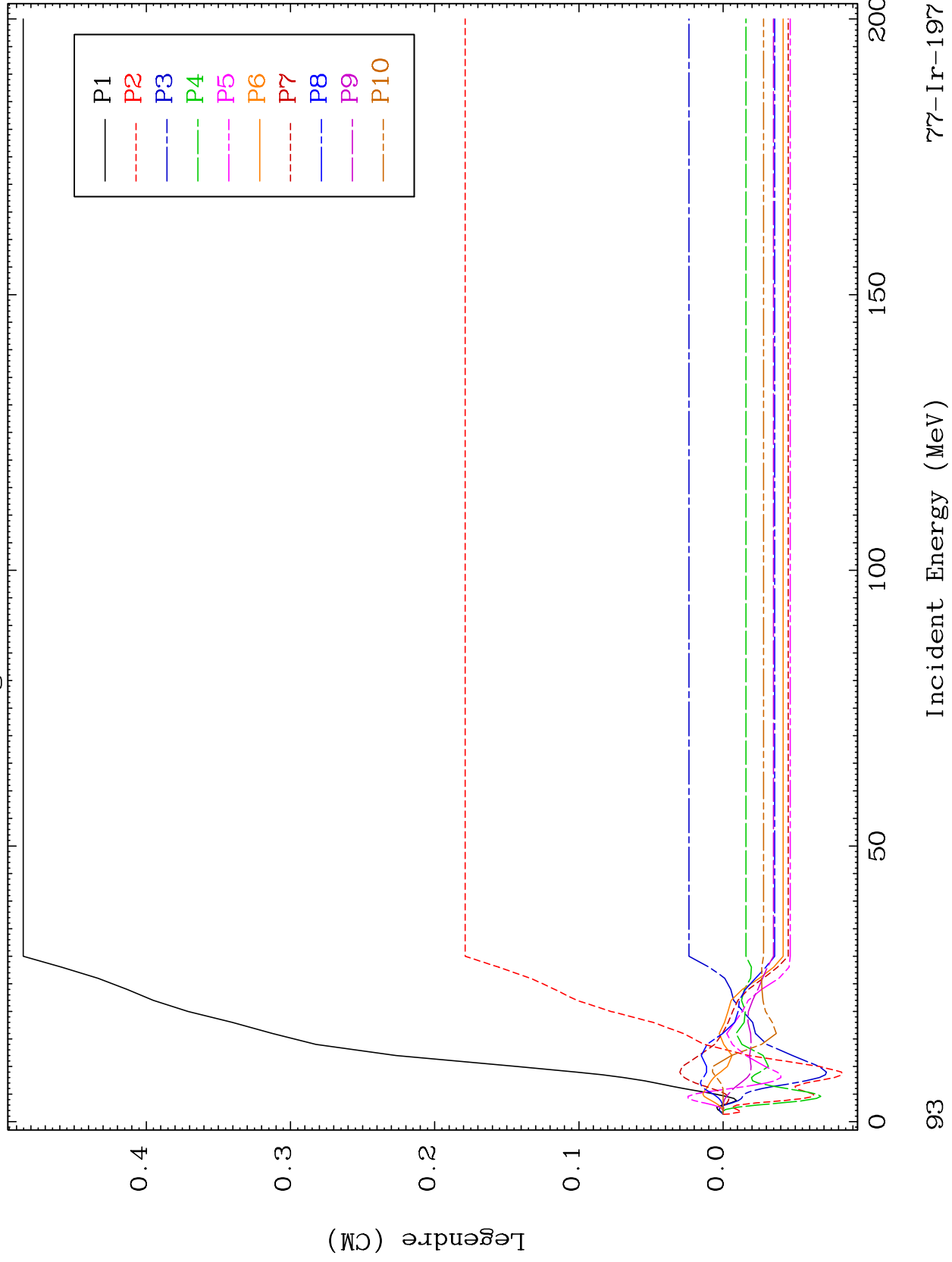
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

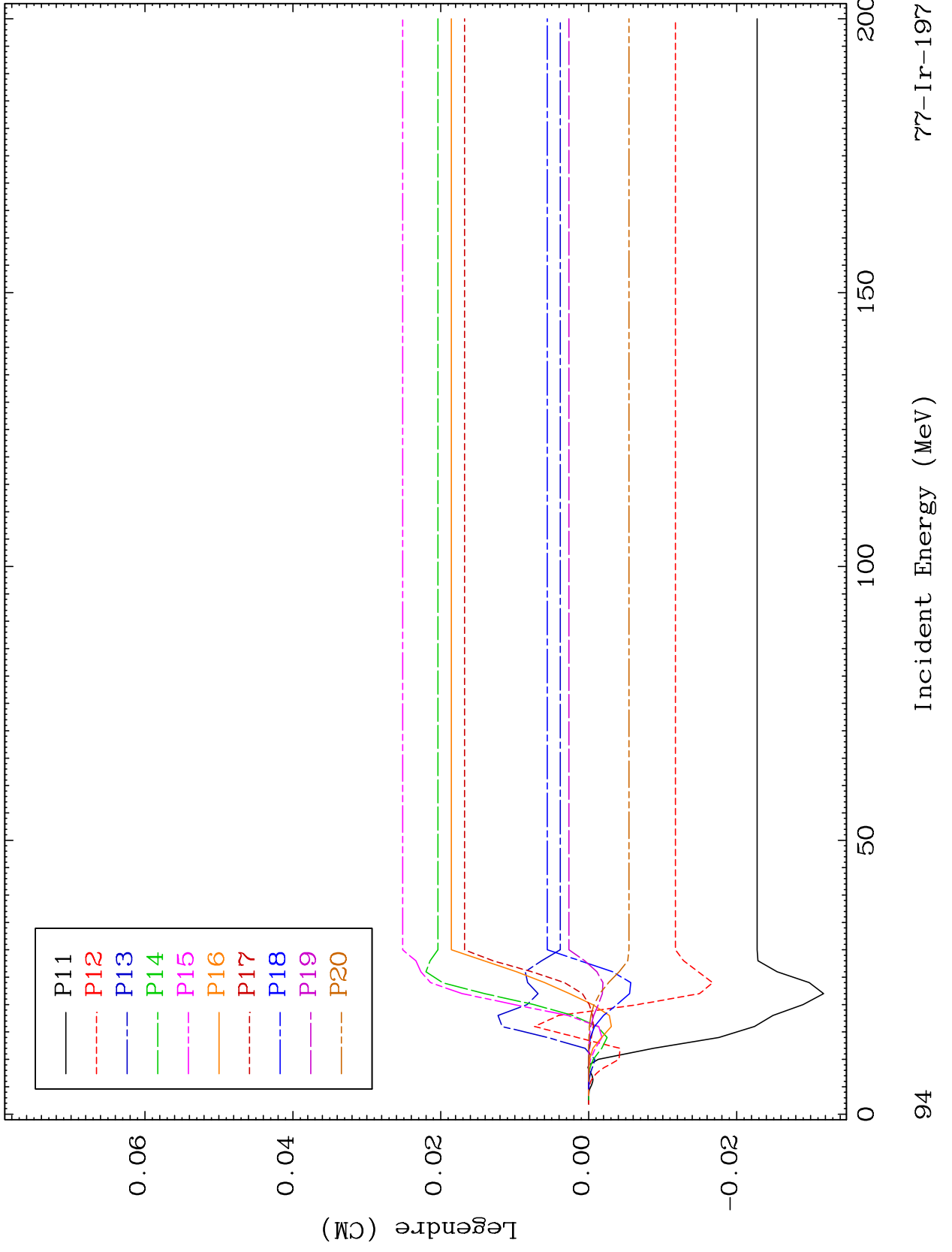
Incident Energy (MeV)

93

MAT 7743

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

77-Ir-197



94

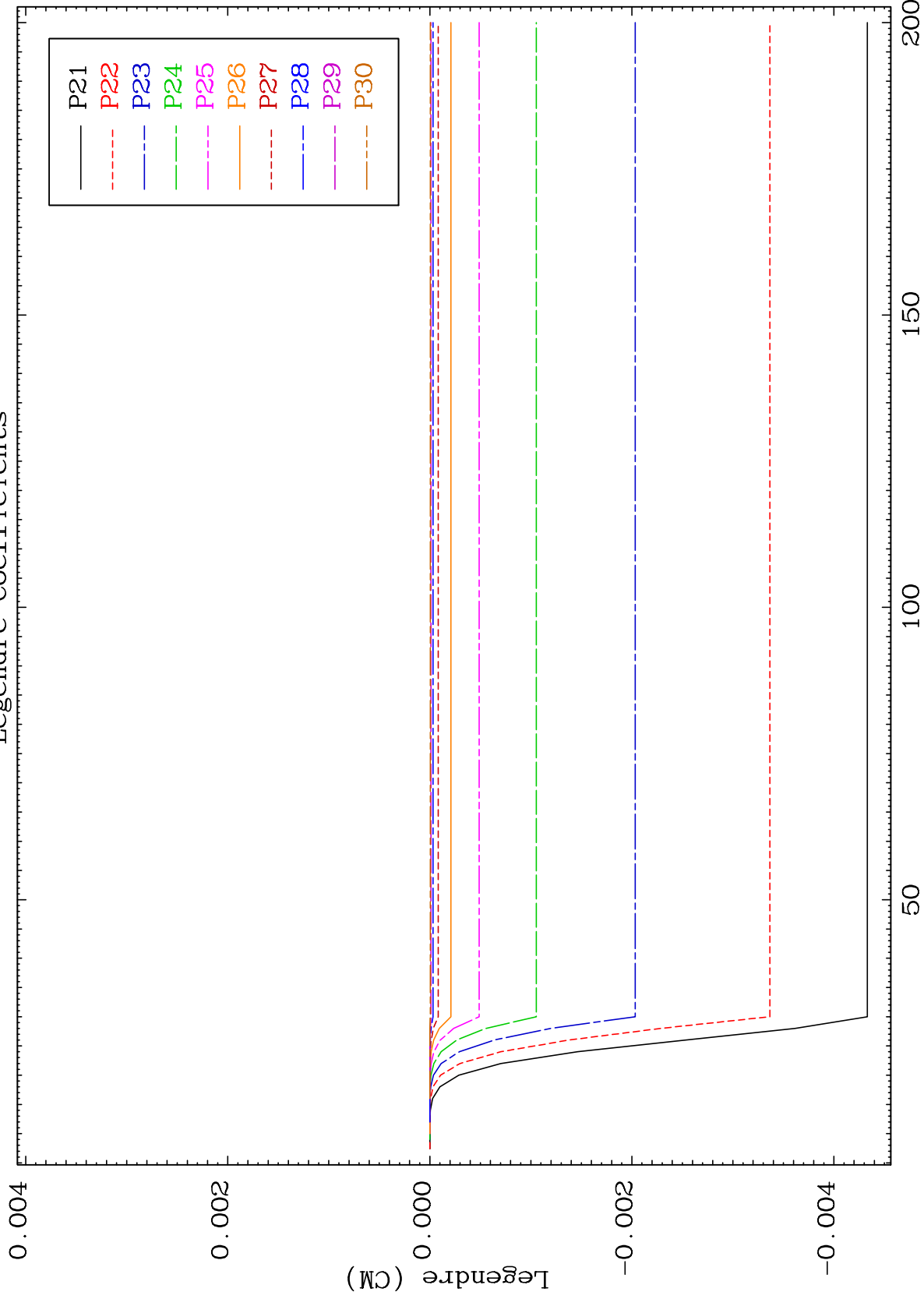
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



95

Incident Energy (MeV)

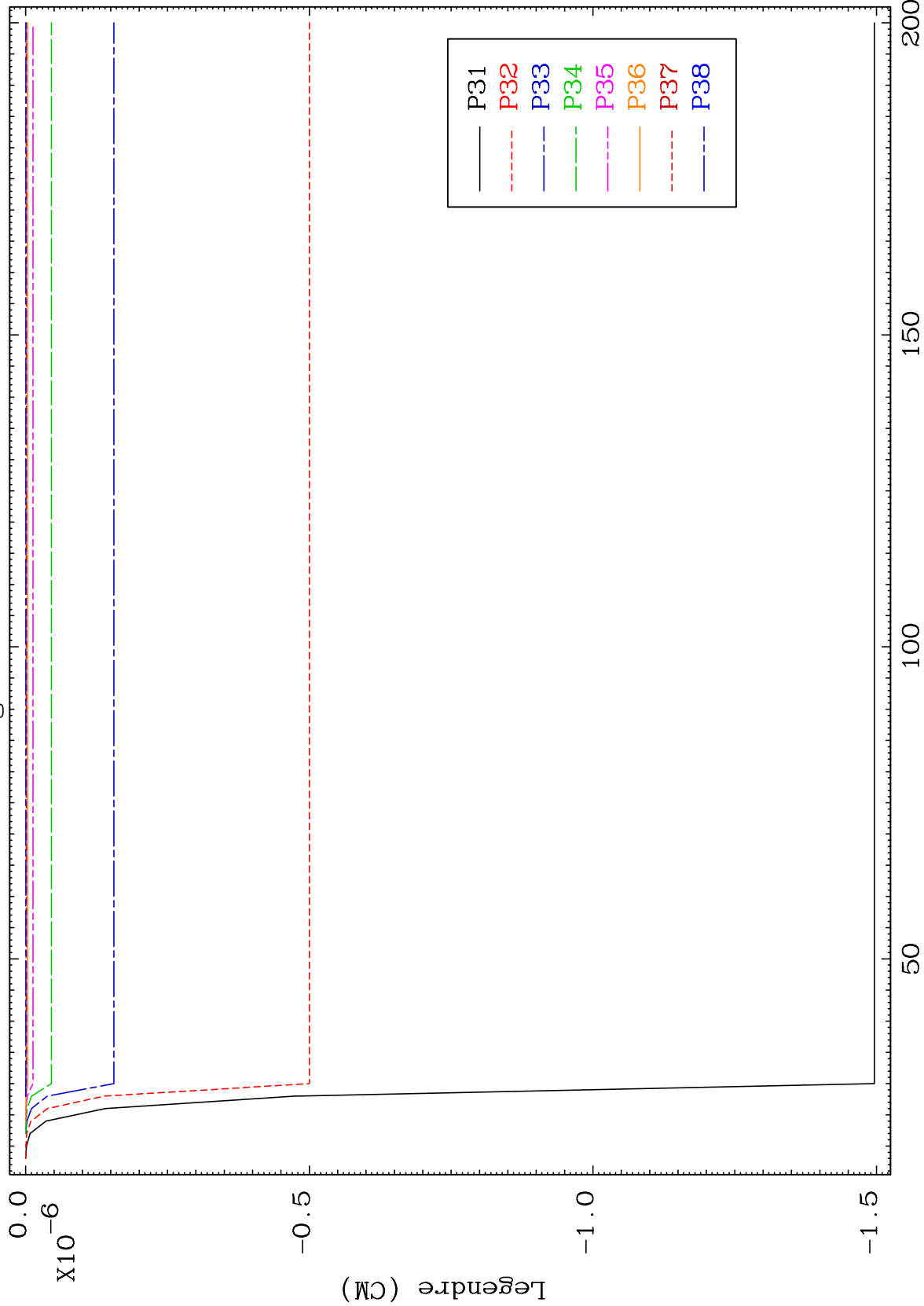
77-Ir-197



MAT 7743

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

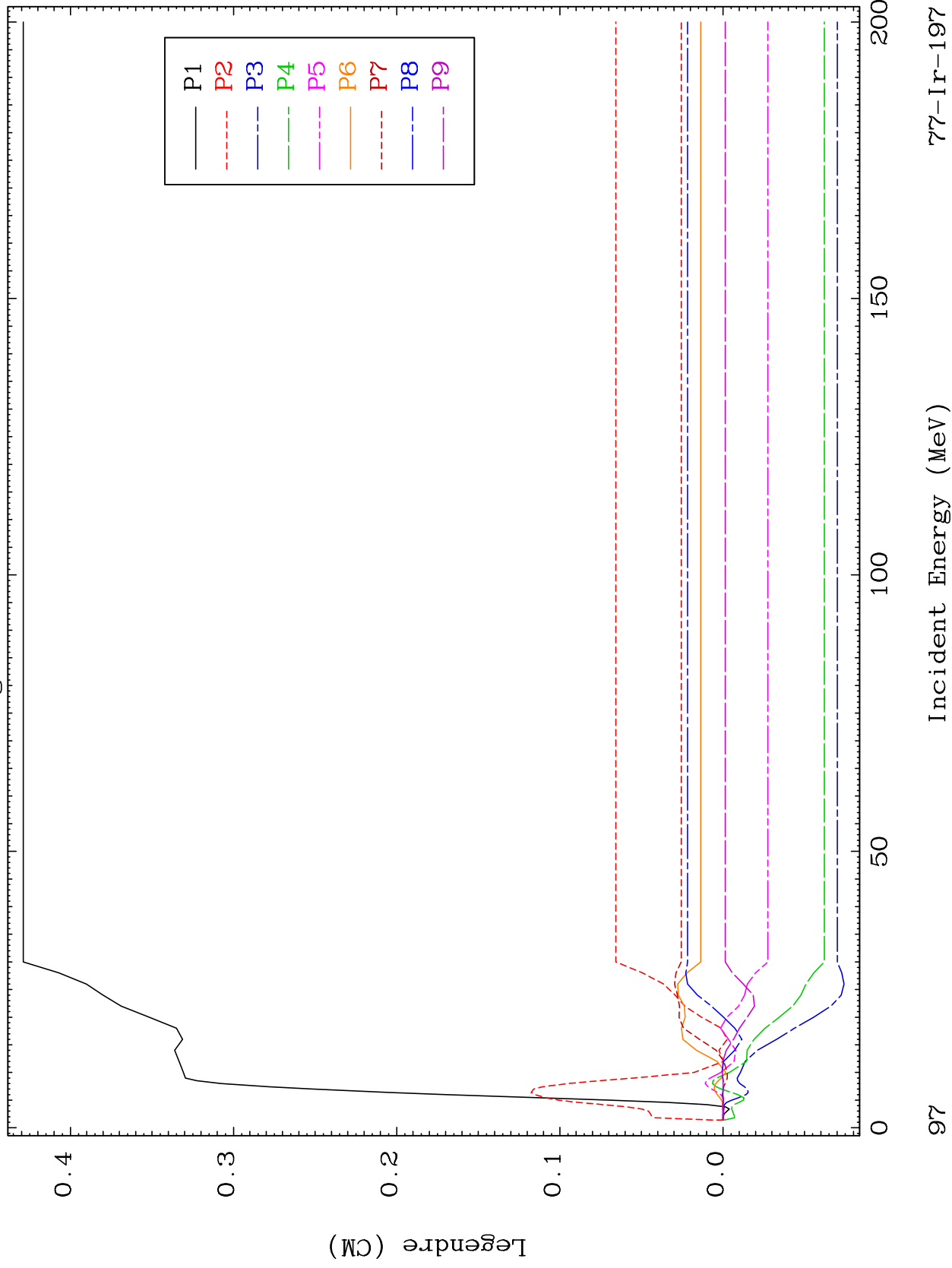
77-Ir-197



MAT 7743

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

77-Ir-197



97

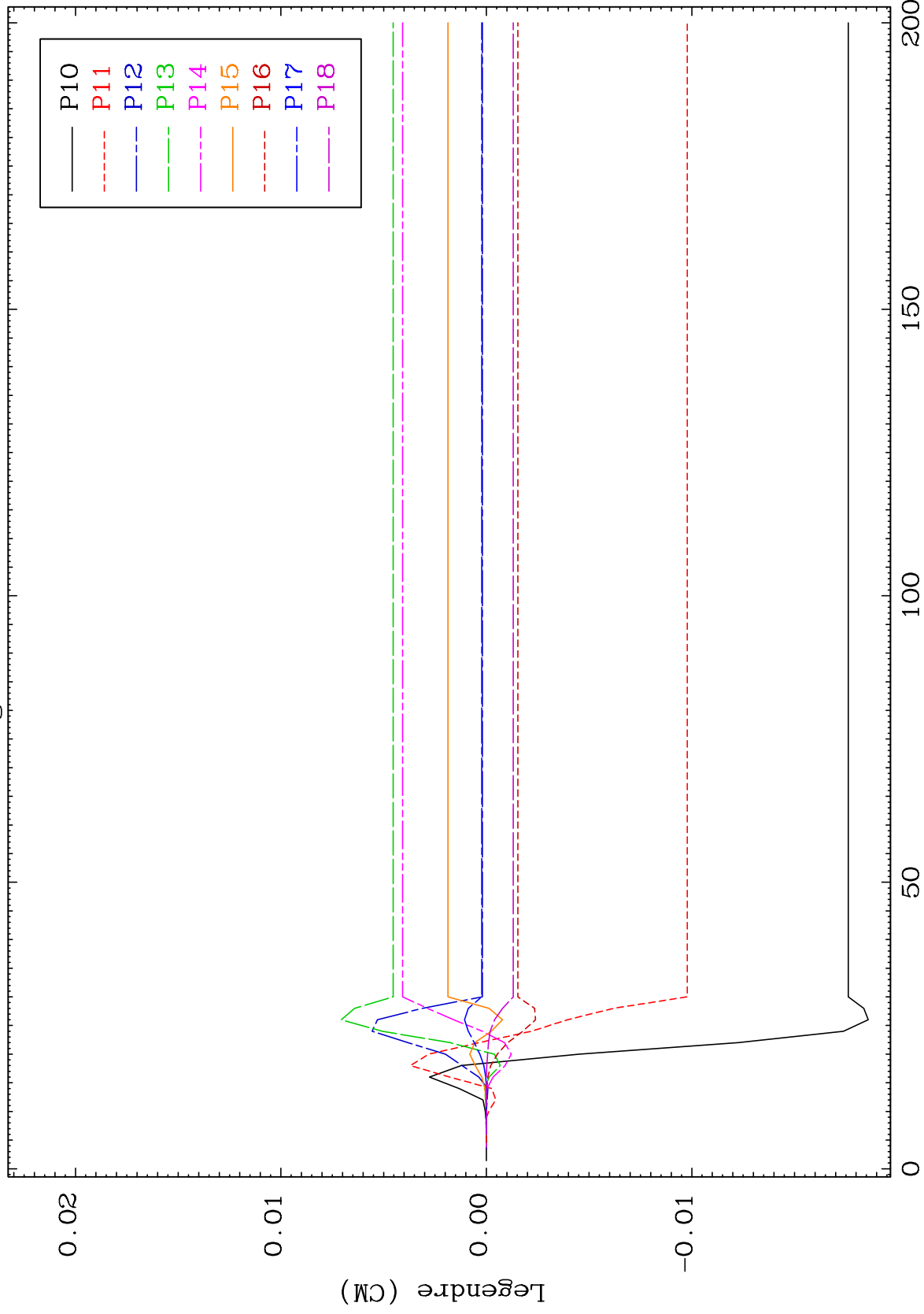
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



98

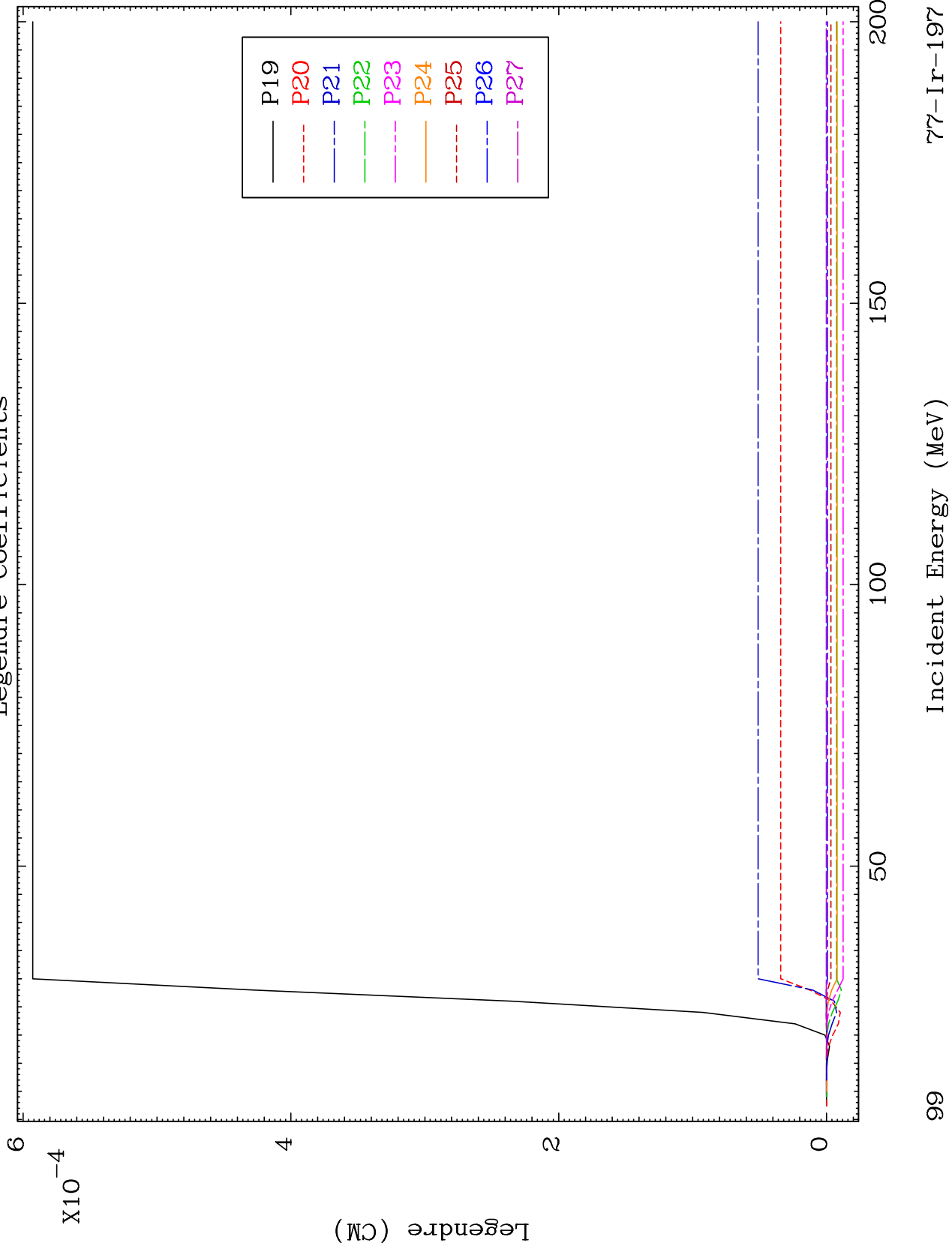
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

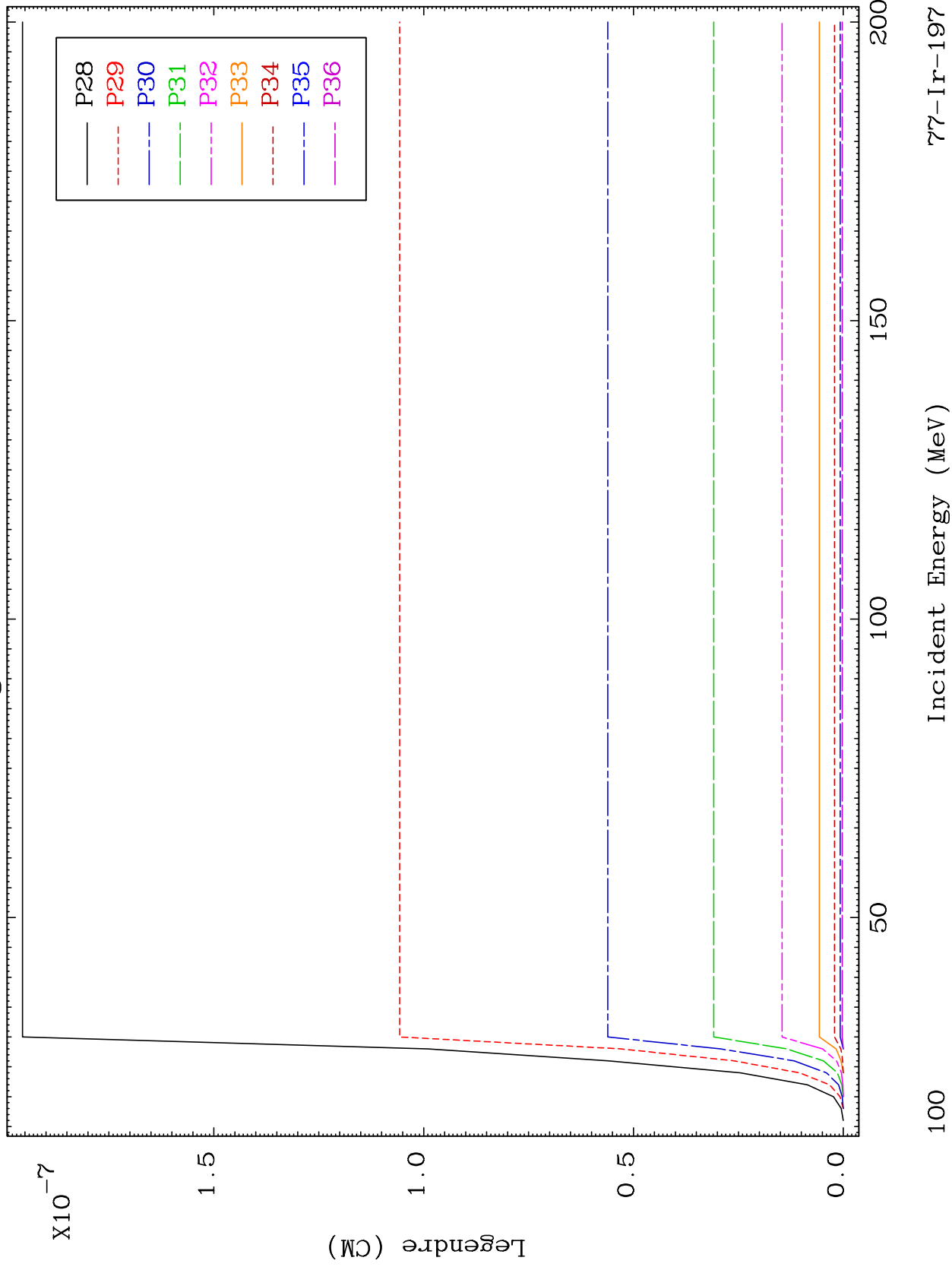
77-Ir-197



MAT 7743

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

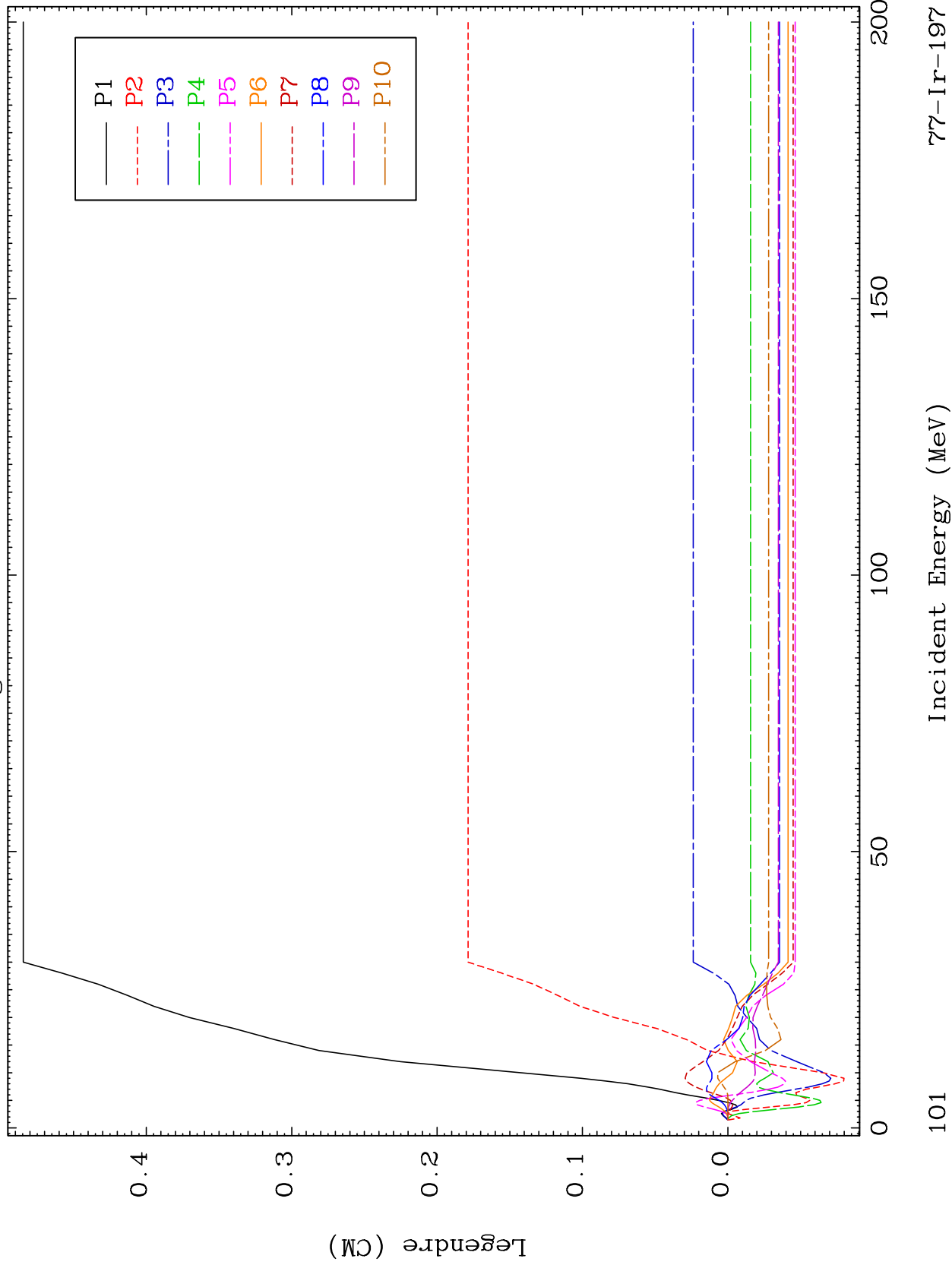
77-Ir-197



MAT 7743

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

77-Ir-197



77-Ir-197

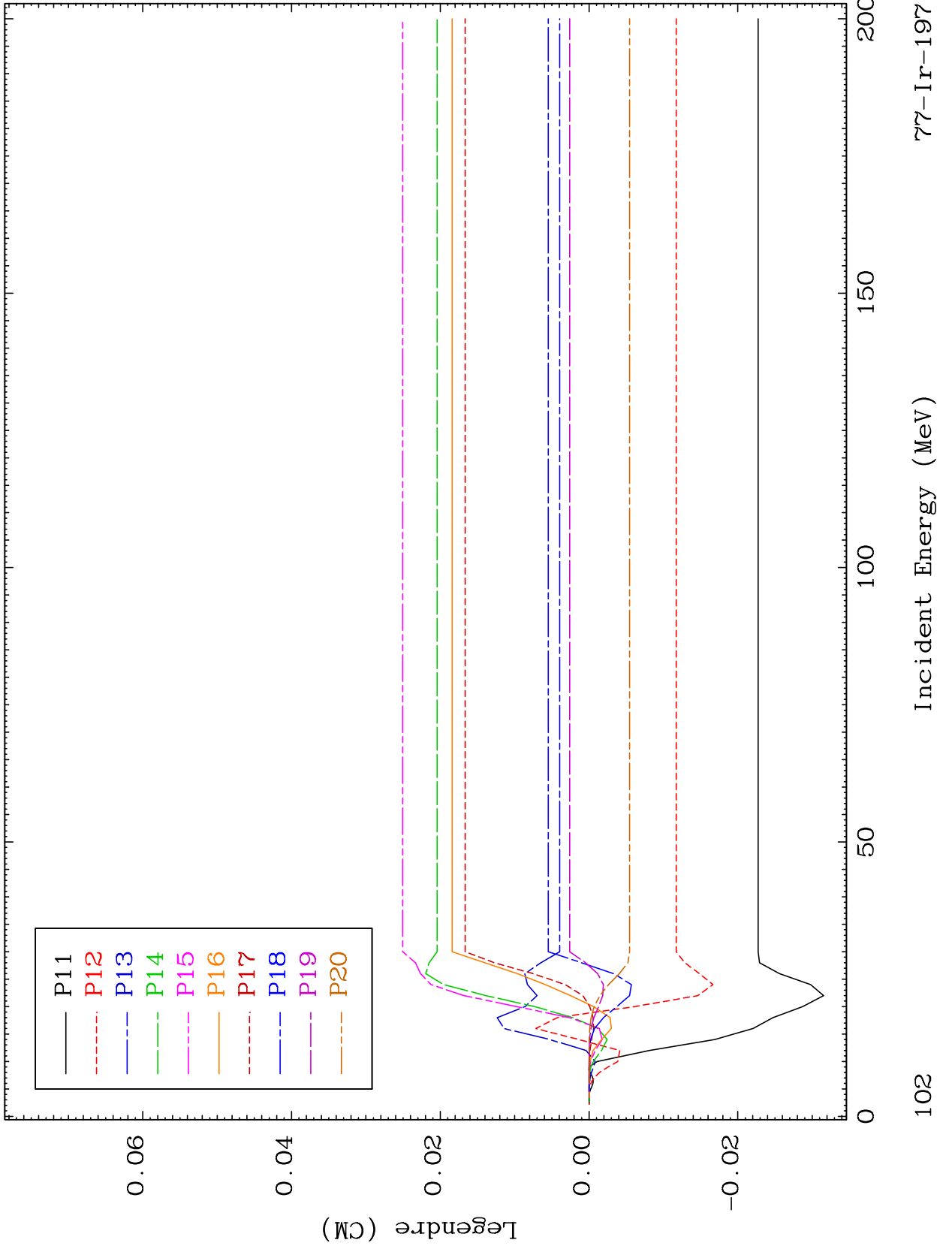
Incident Energy (MeV)

101

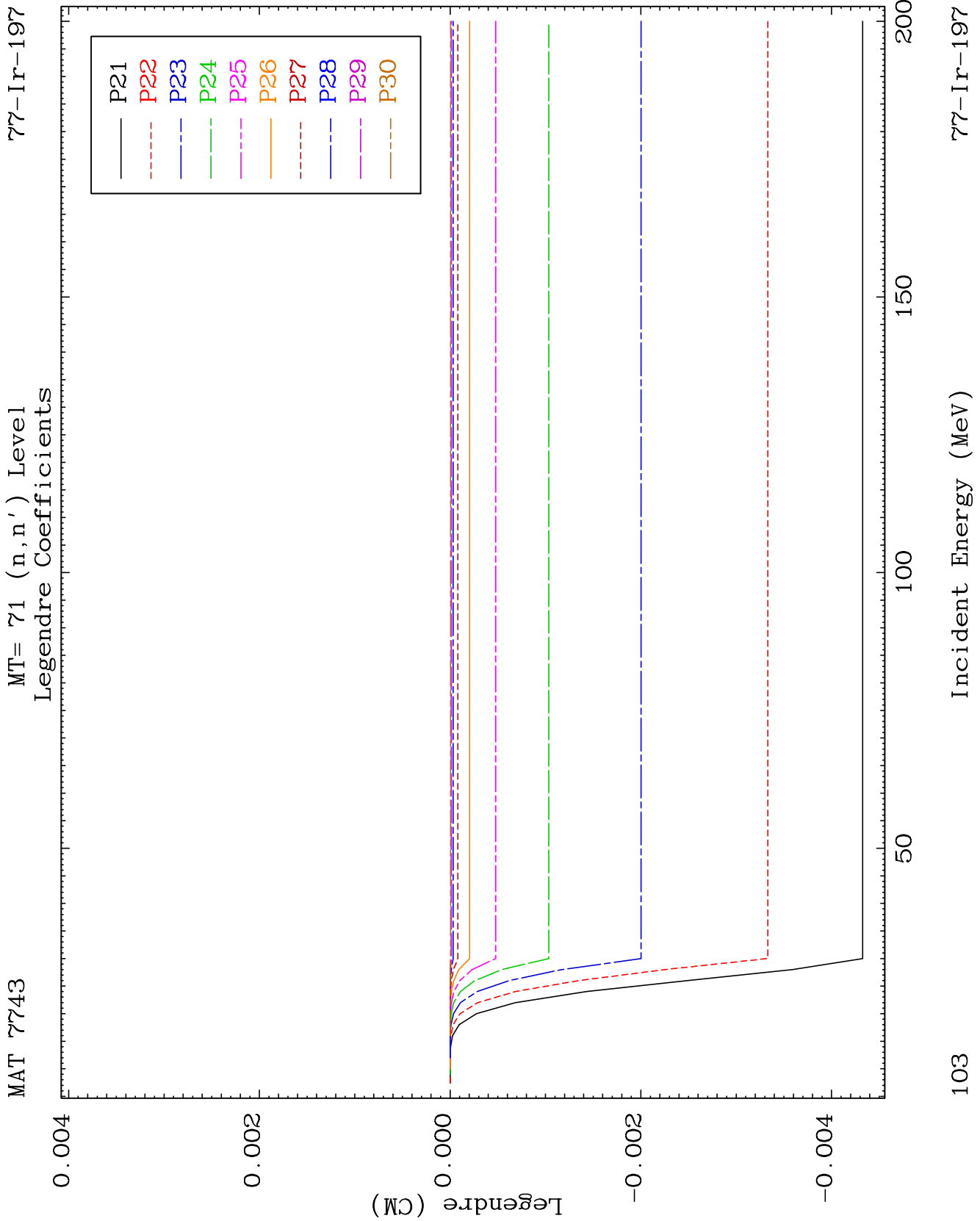
MAT 7743

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

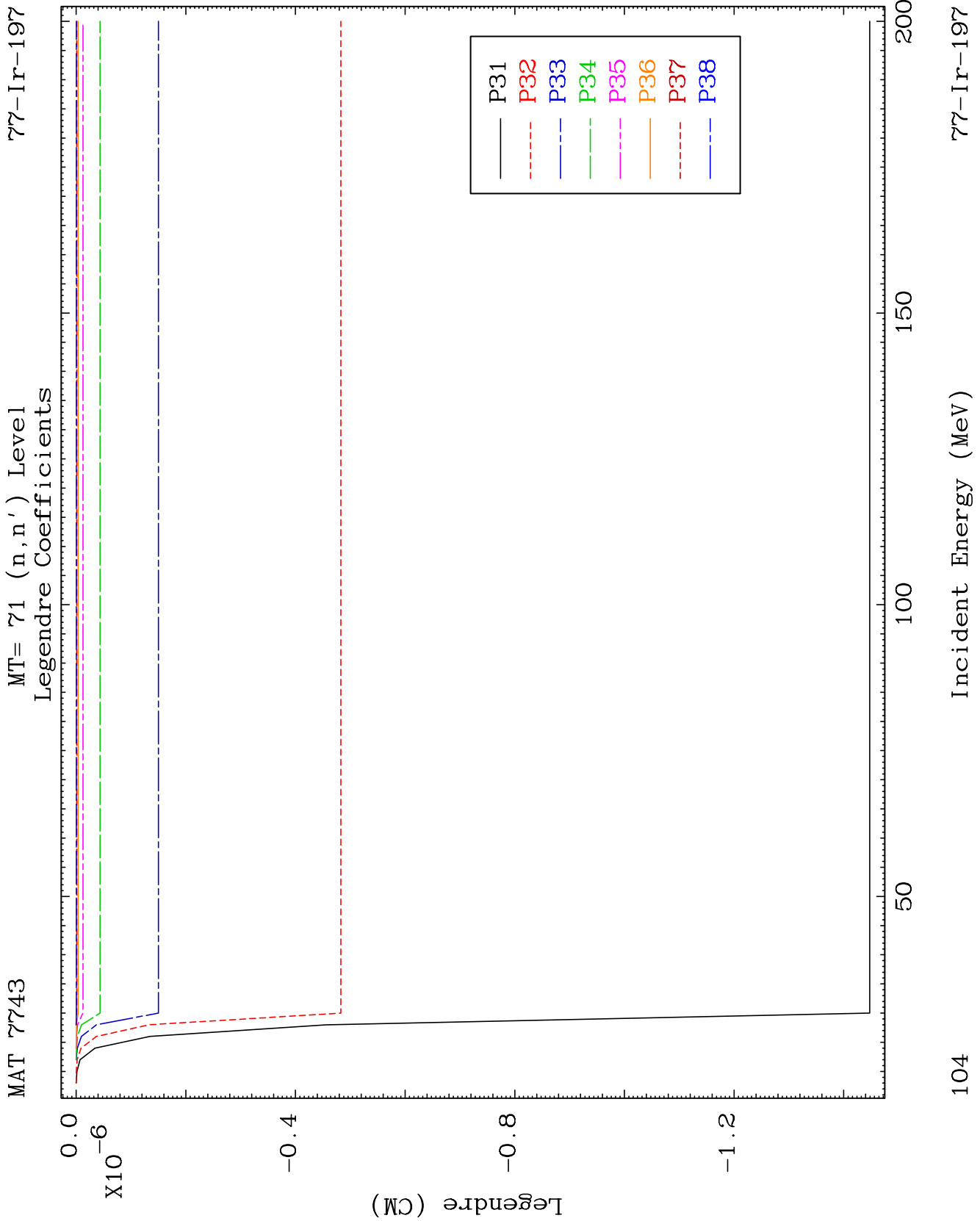
77-Ir-197



102



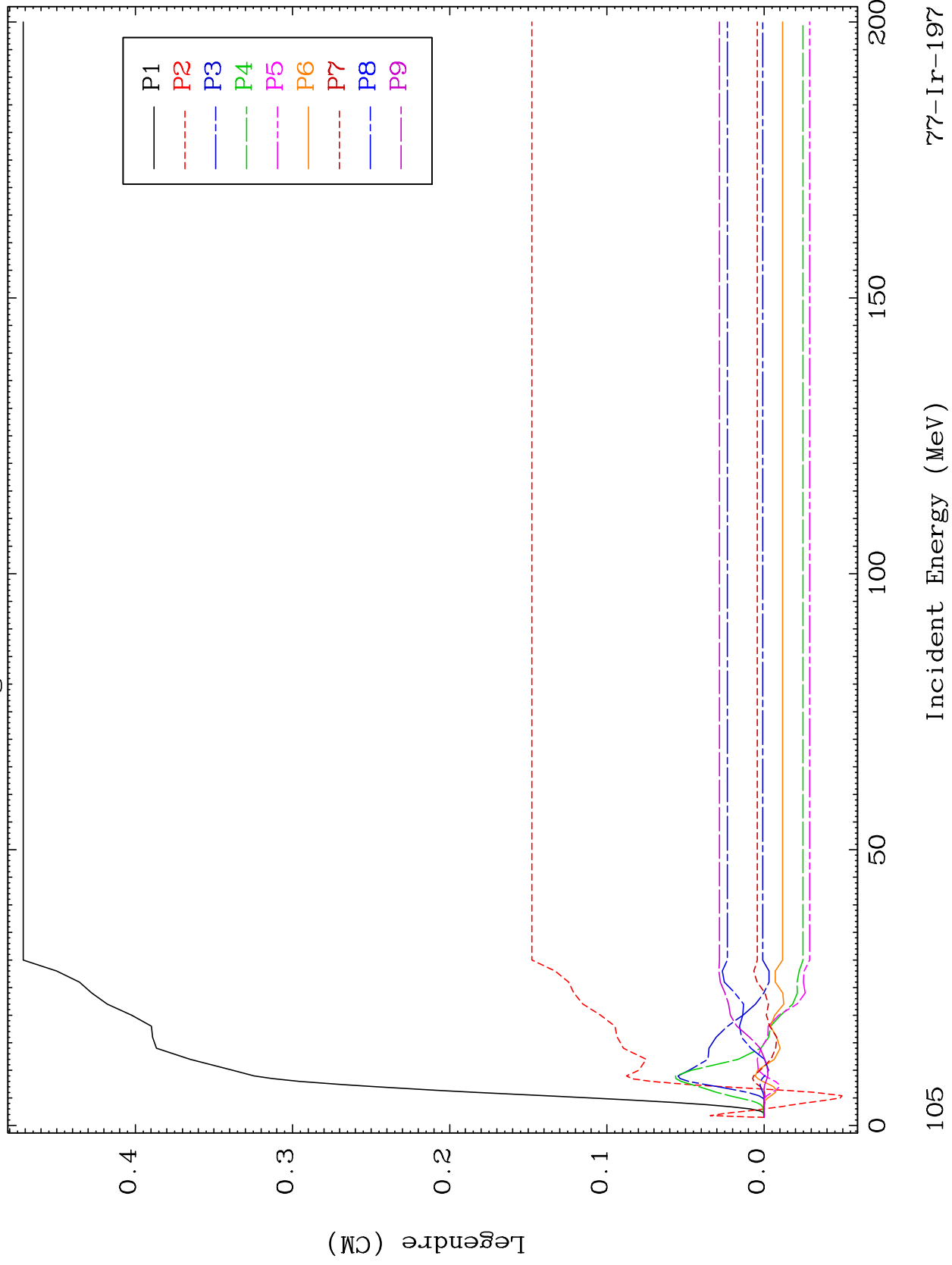




MAT 7743

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

77-Ir-197



77-Ir-197

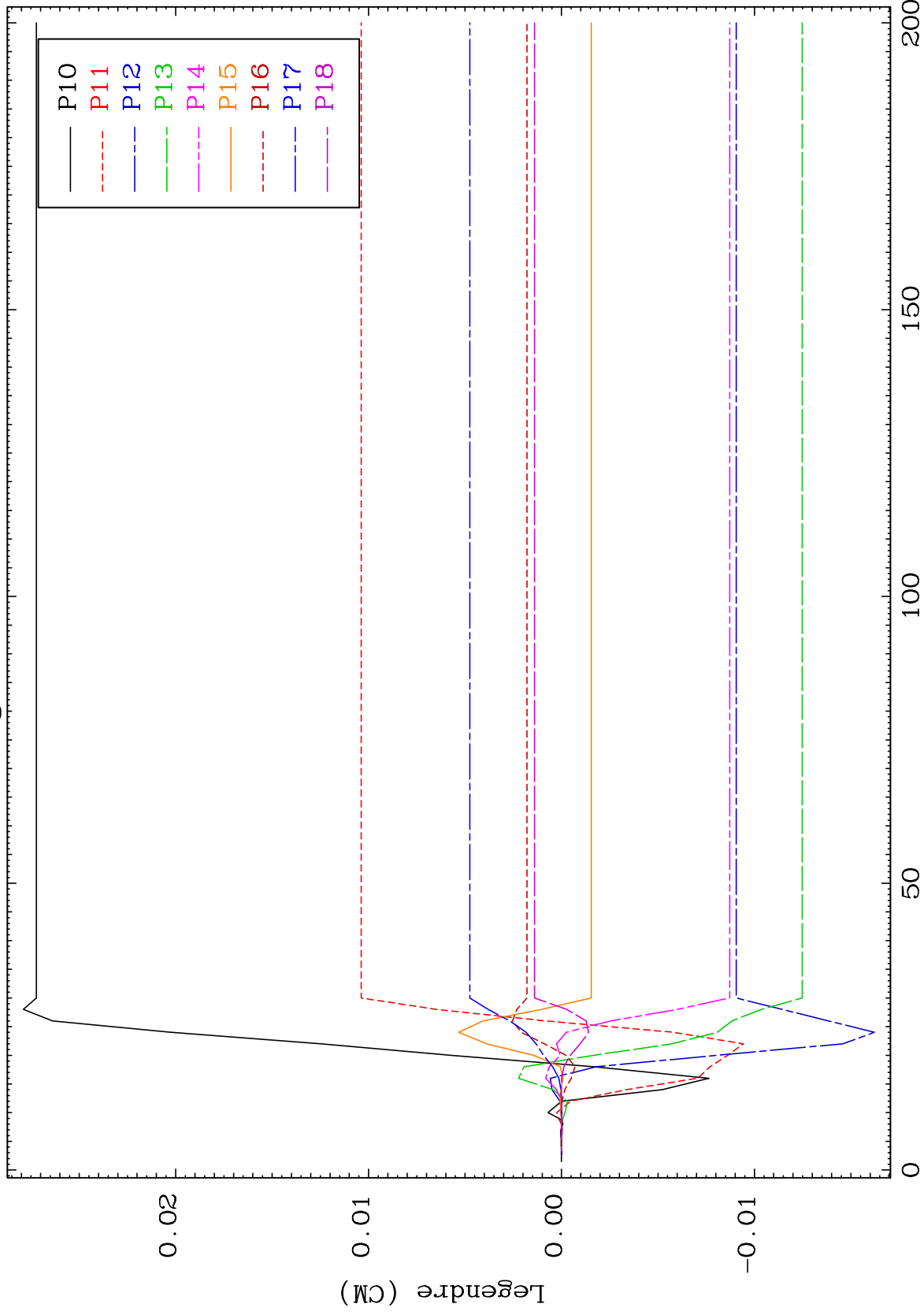
Incident Energy (MeV)

105

MAT 7743

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

77-Ir-197



106

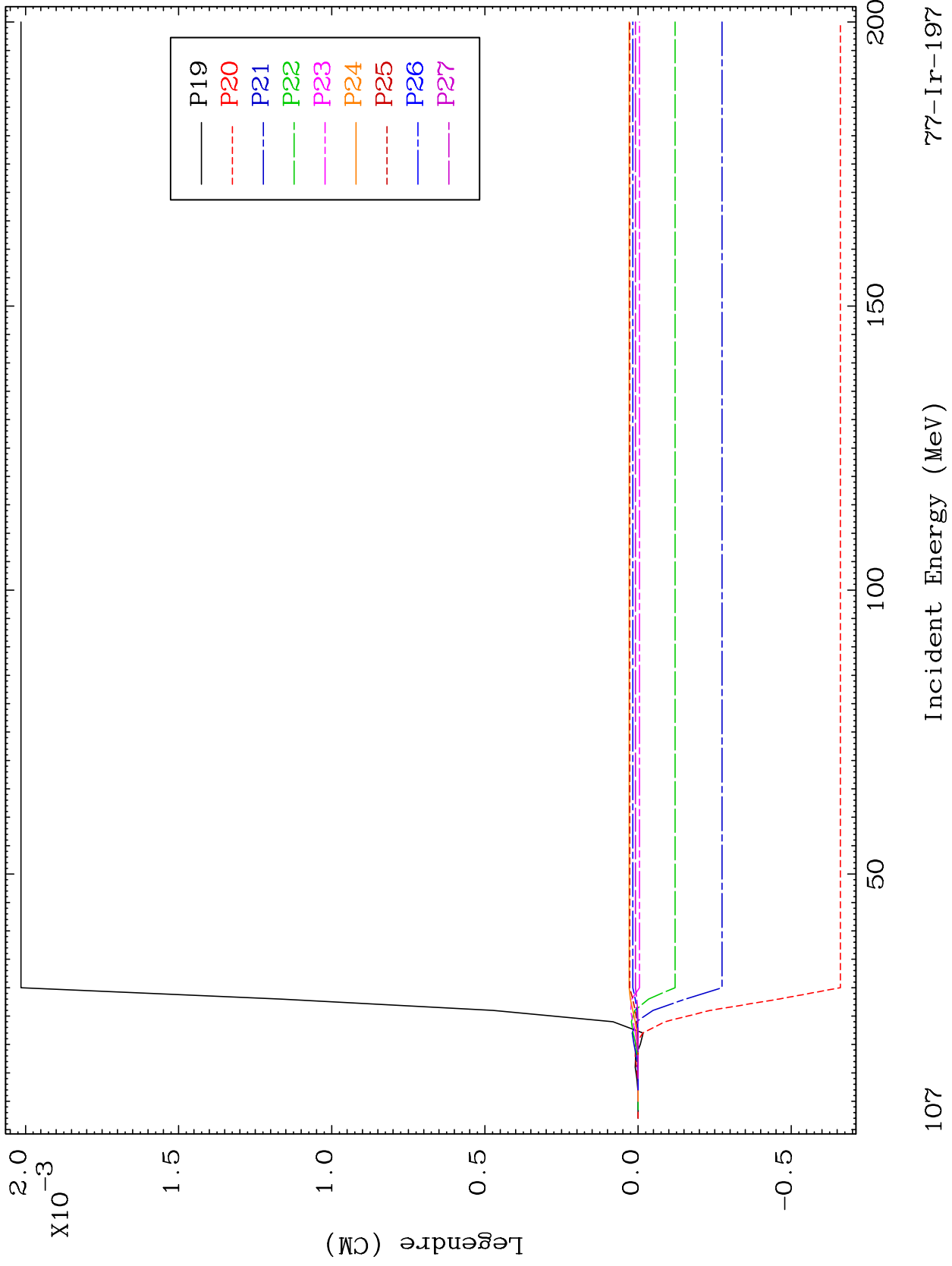
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



107

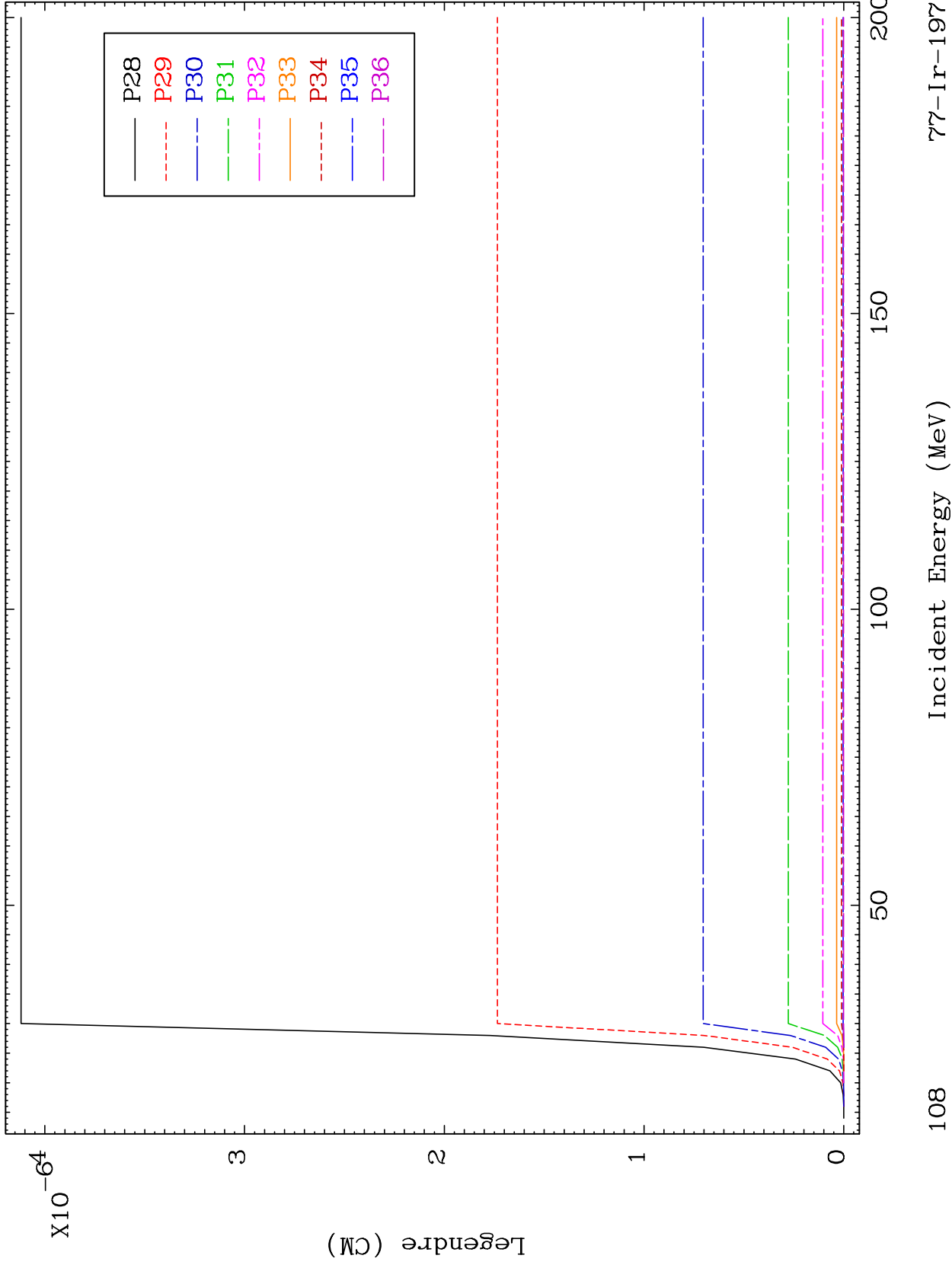
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197

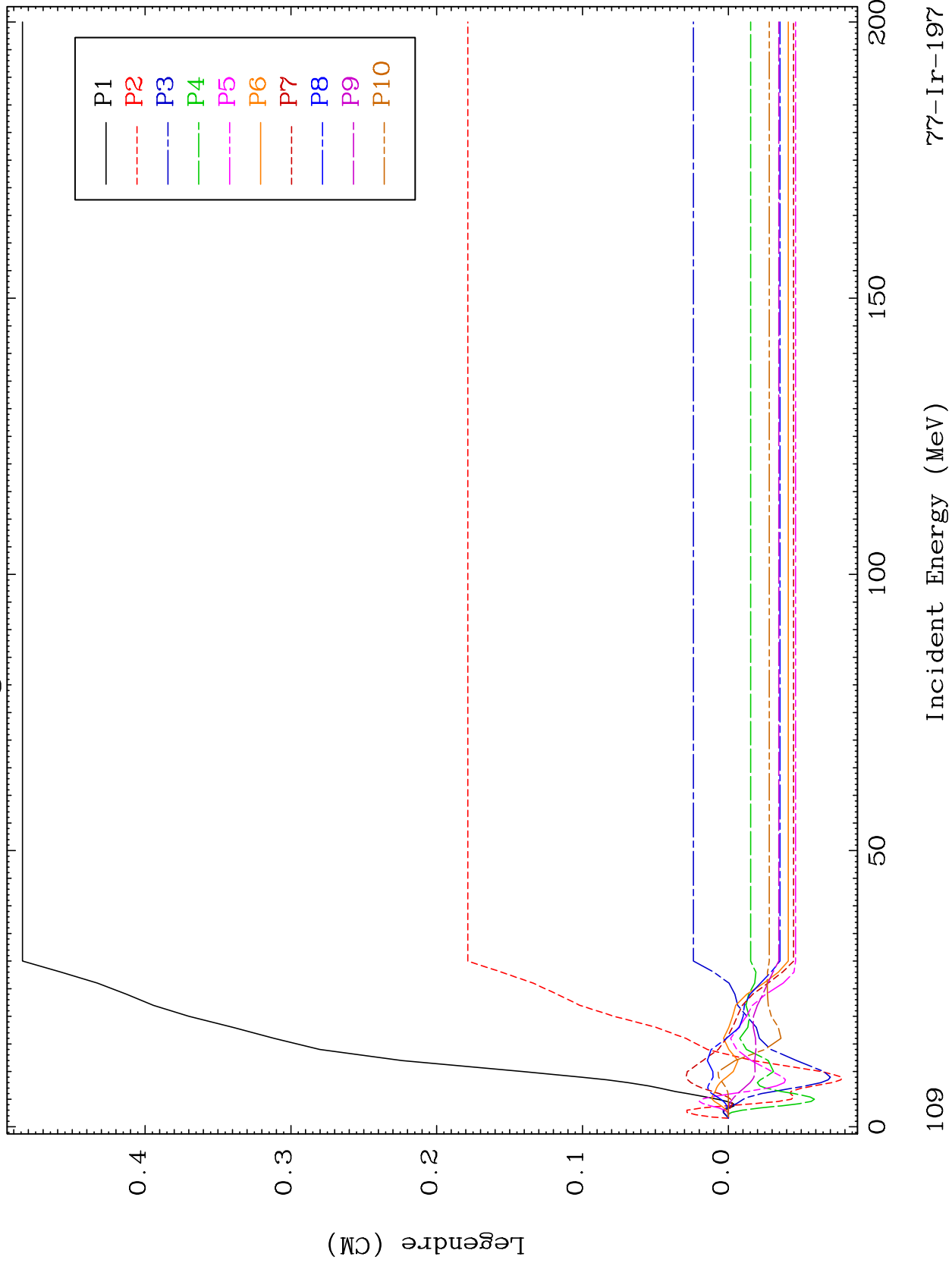


108

MAT 7743

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

77-Ir-197

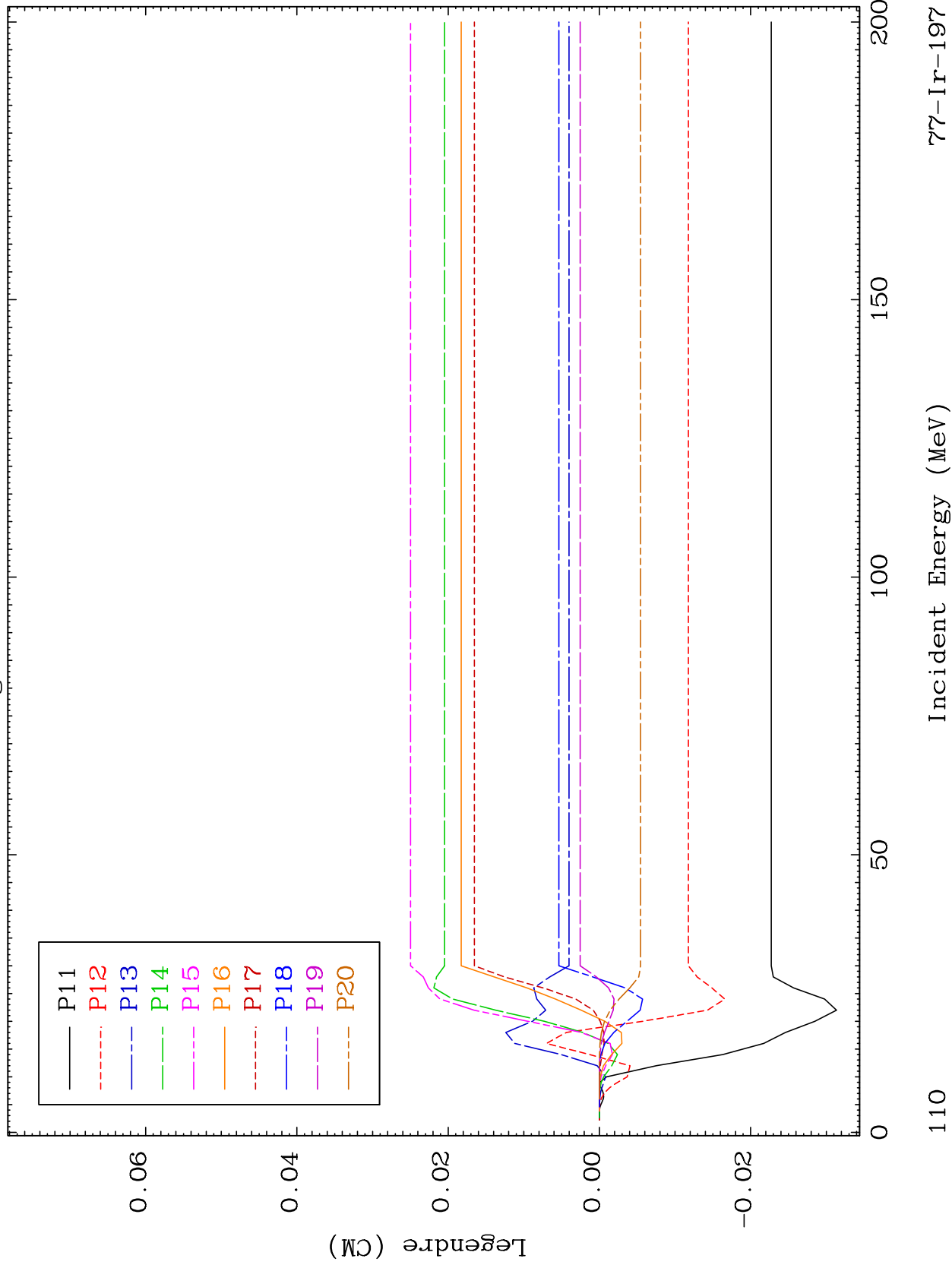


109

MAT 7743

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

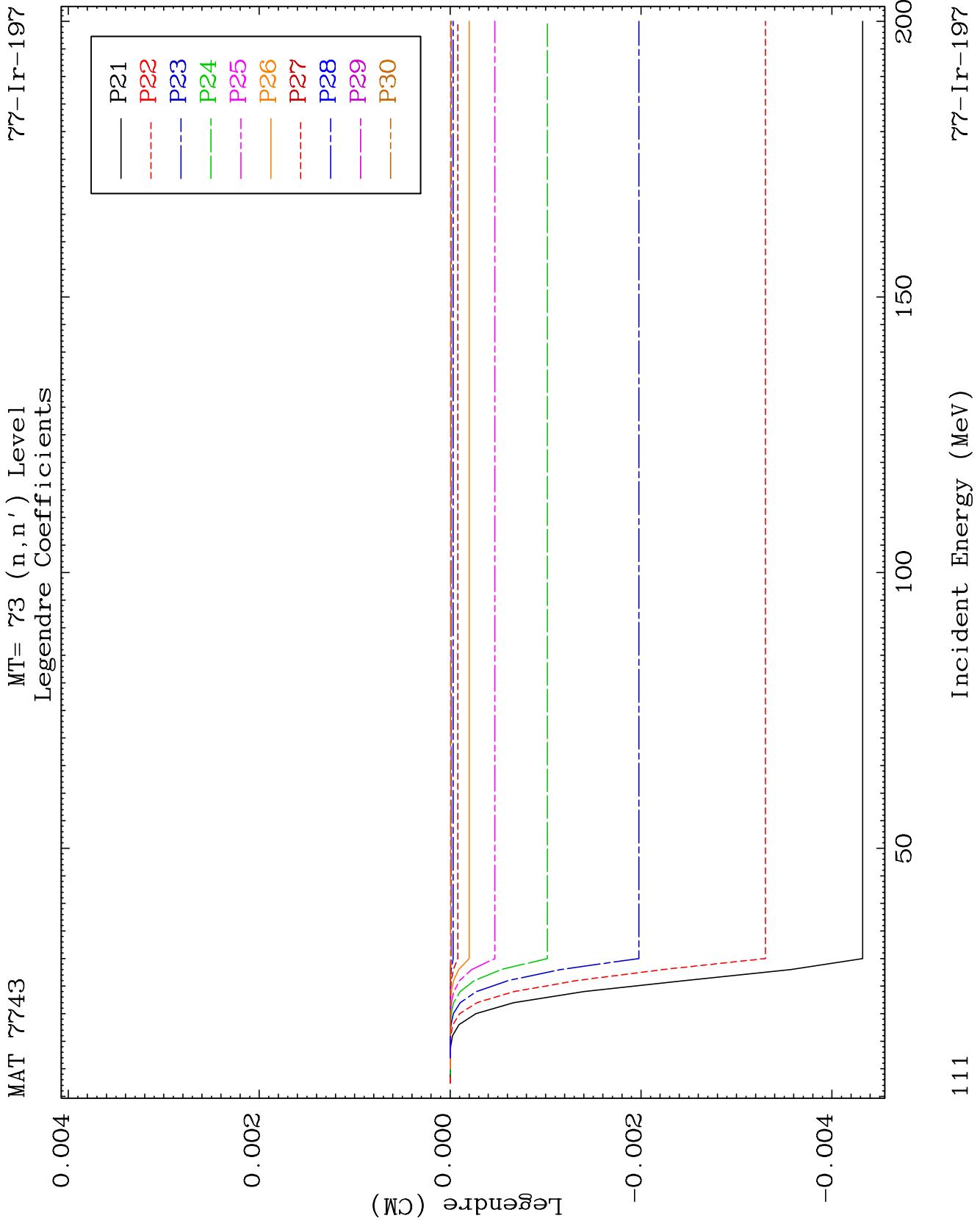
77-Ir-197



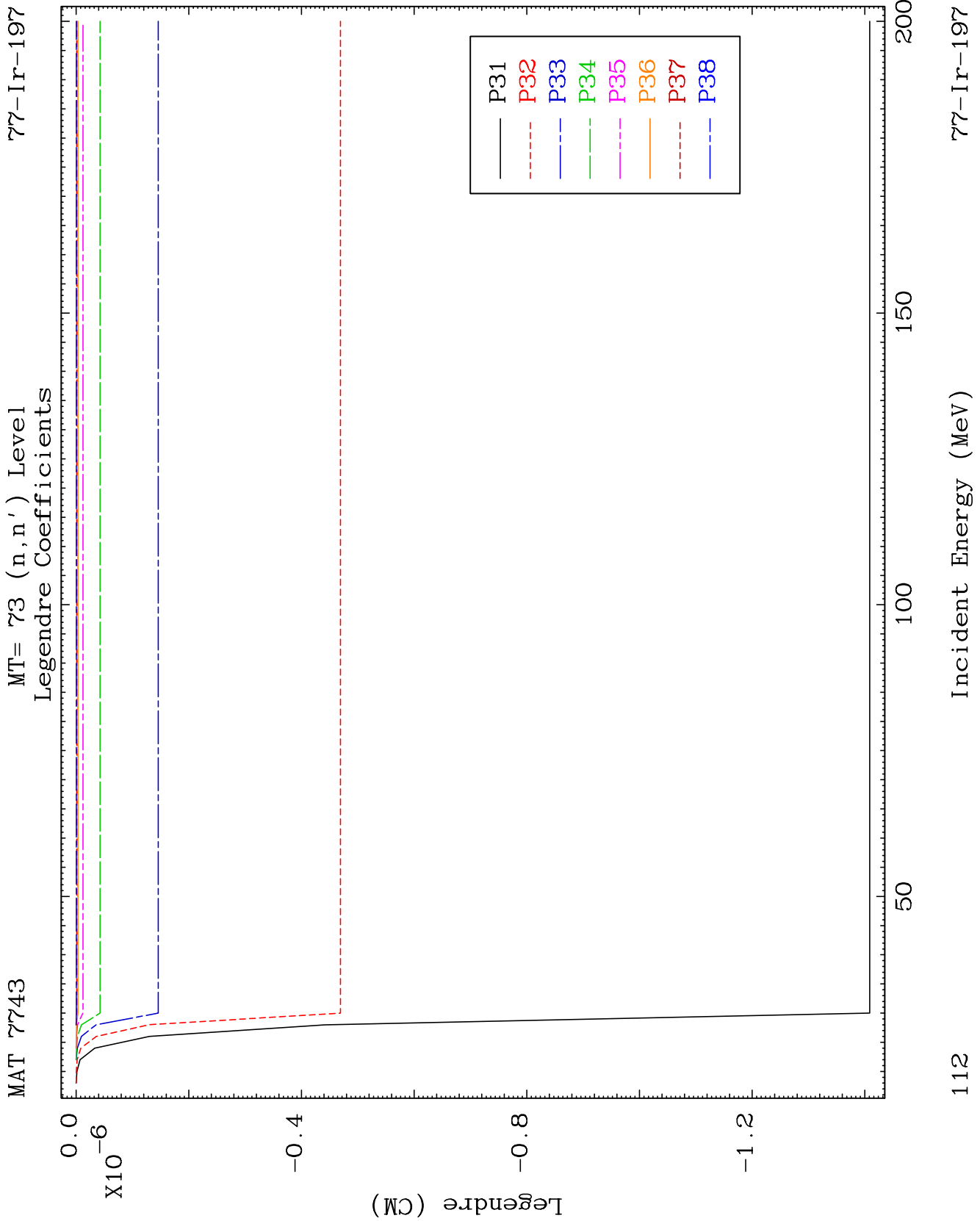
77-Ir-197

Incident Energy (MeV)

110



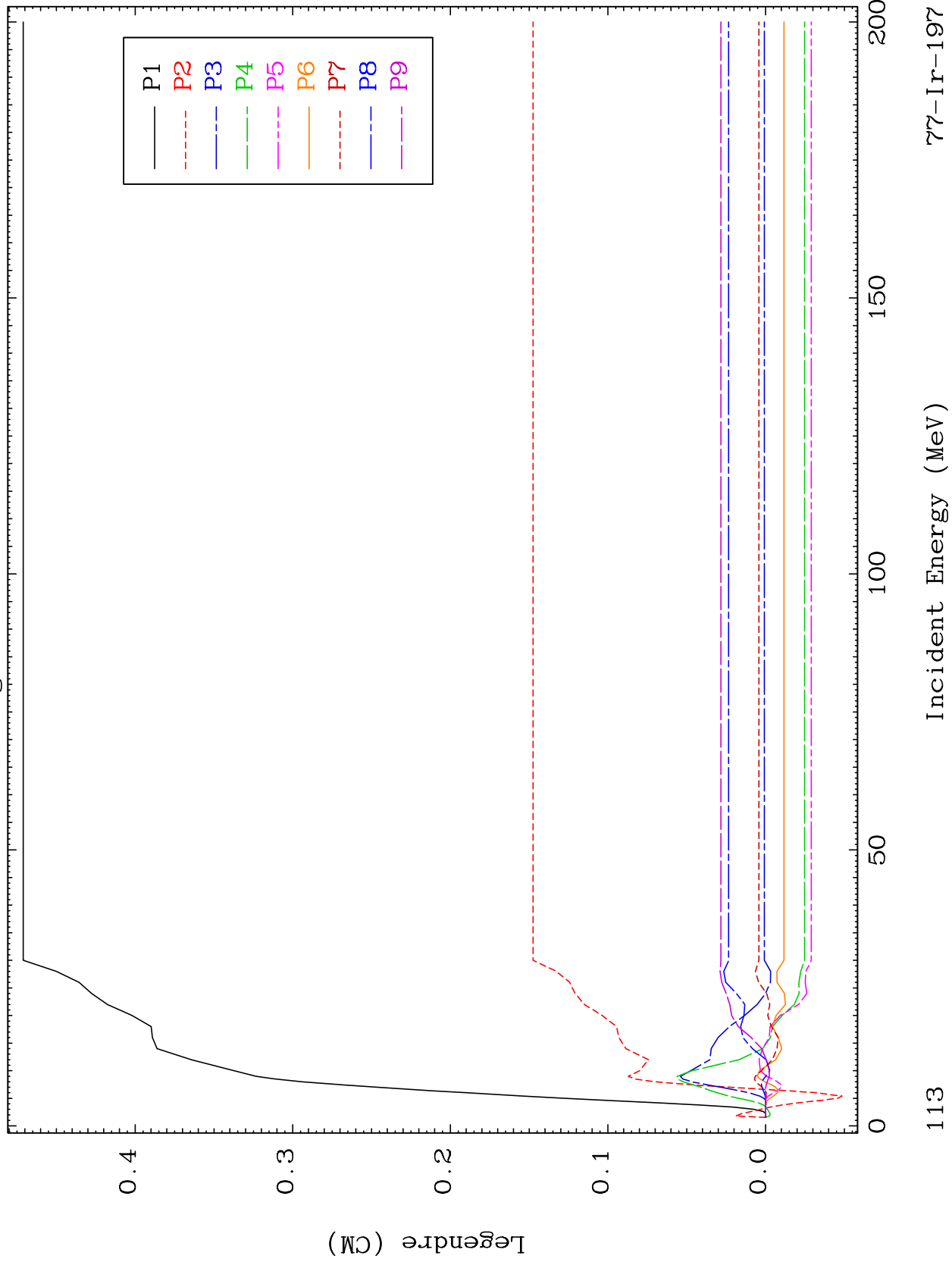




MAT 7743

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

77-Ir-197



77-Ir-197

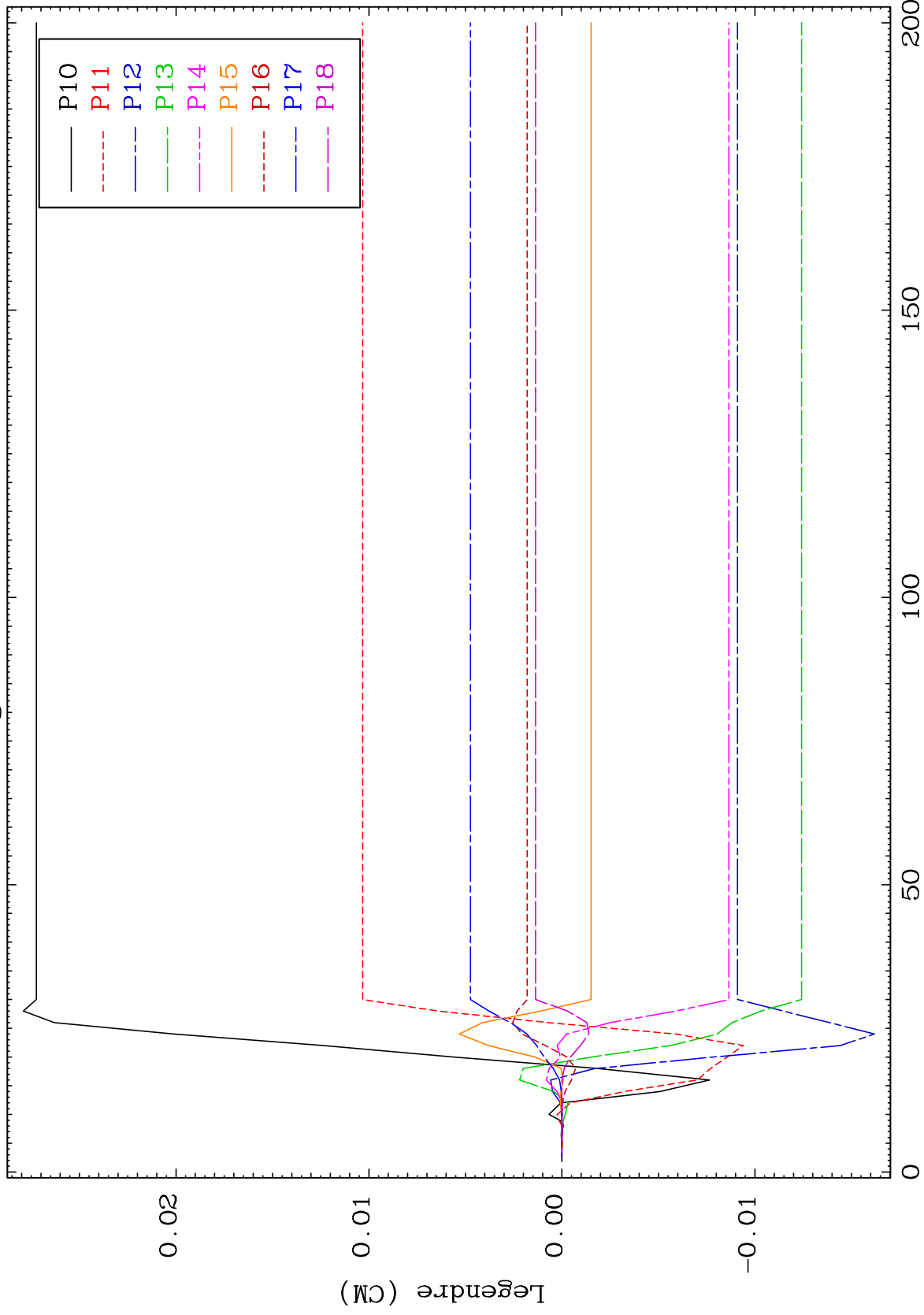
Incident Energy (MeV)

113

MAT 7743

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

77-Ir-197



114

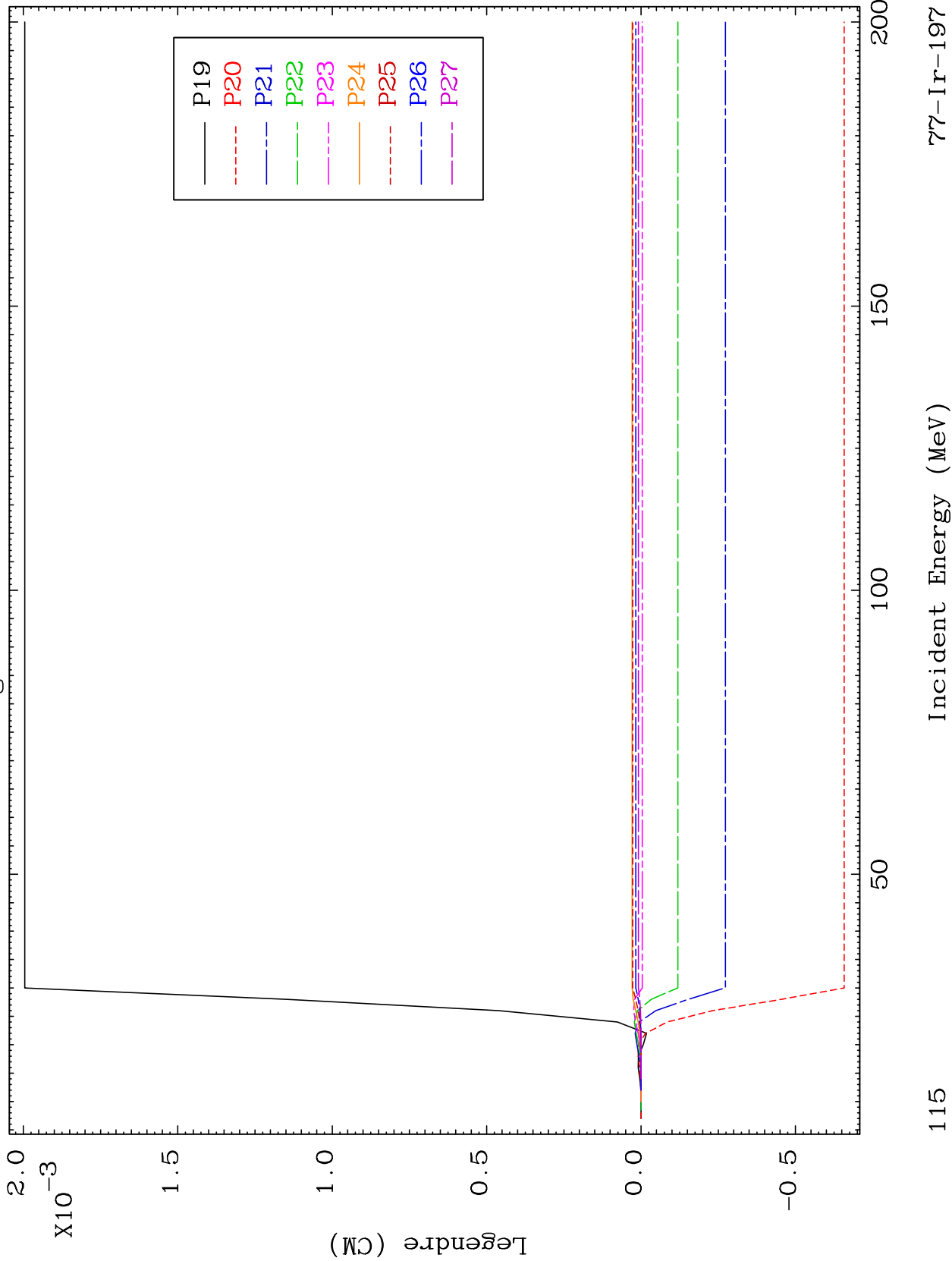
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



115

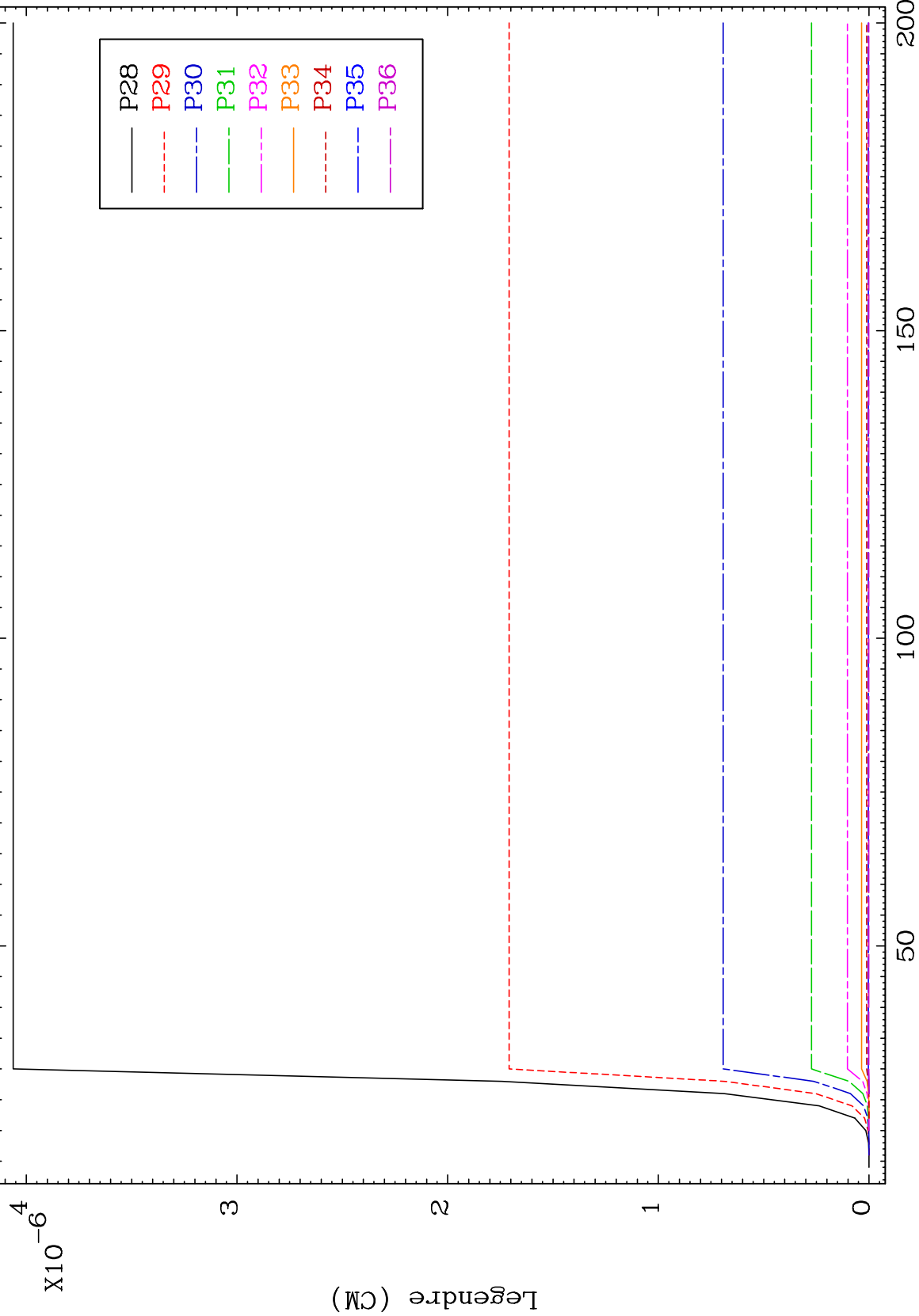
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



116

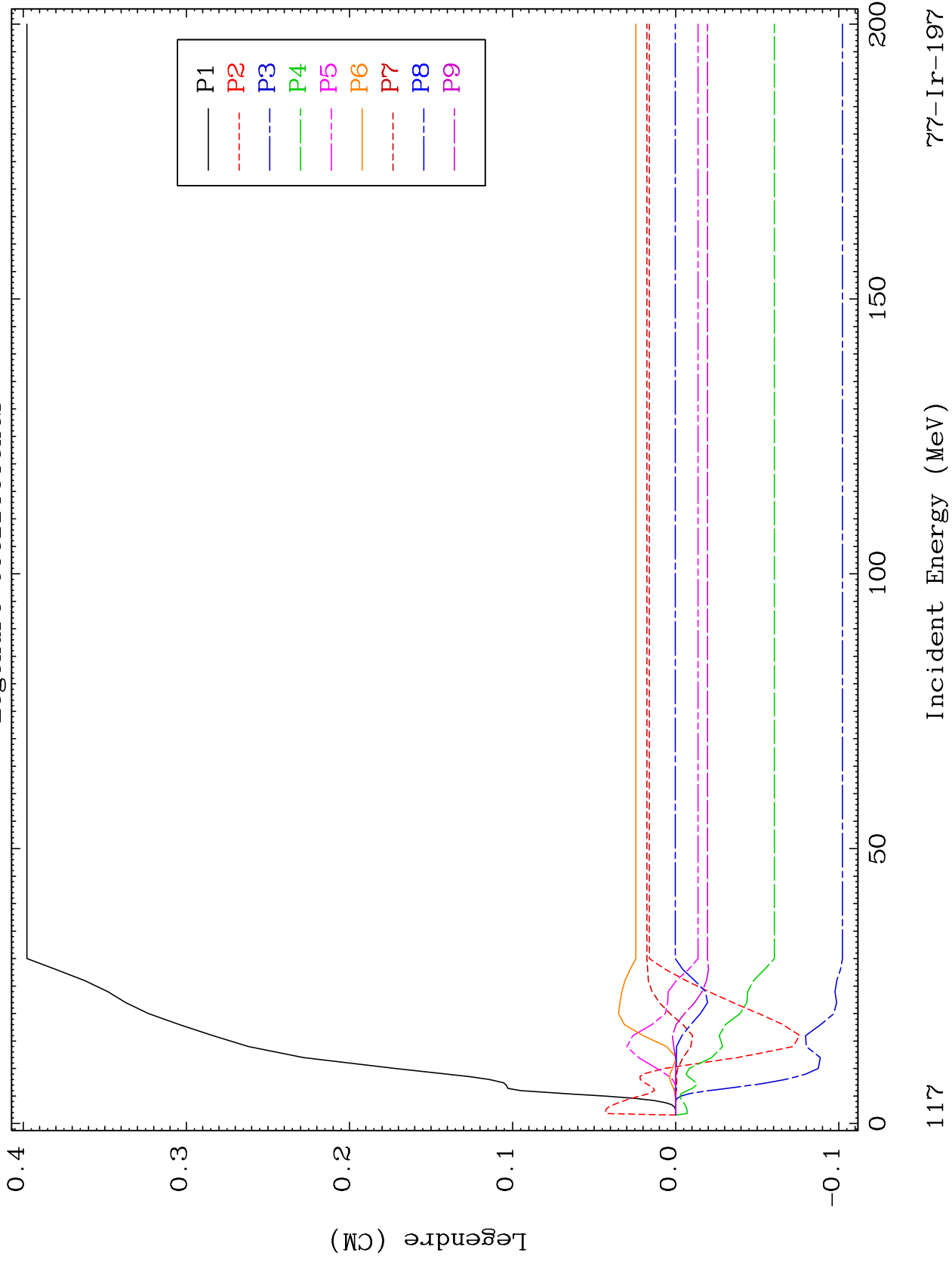
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

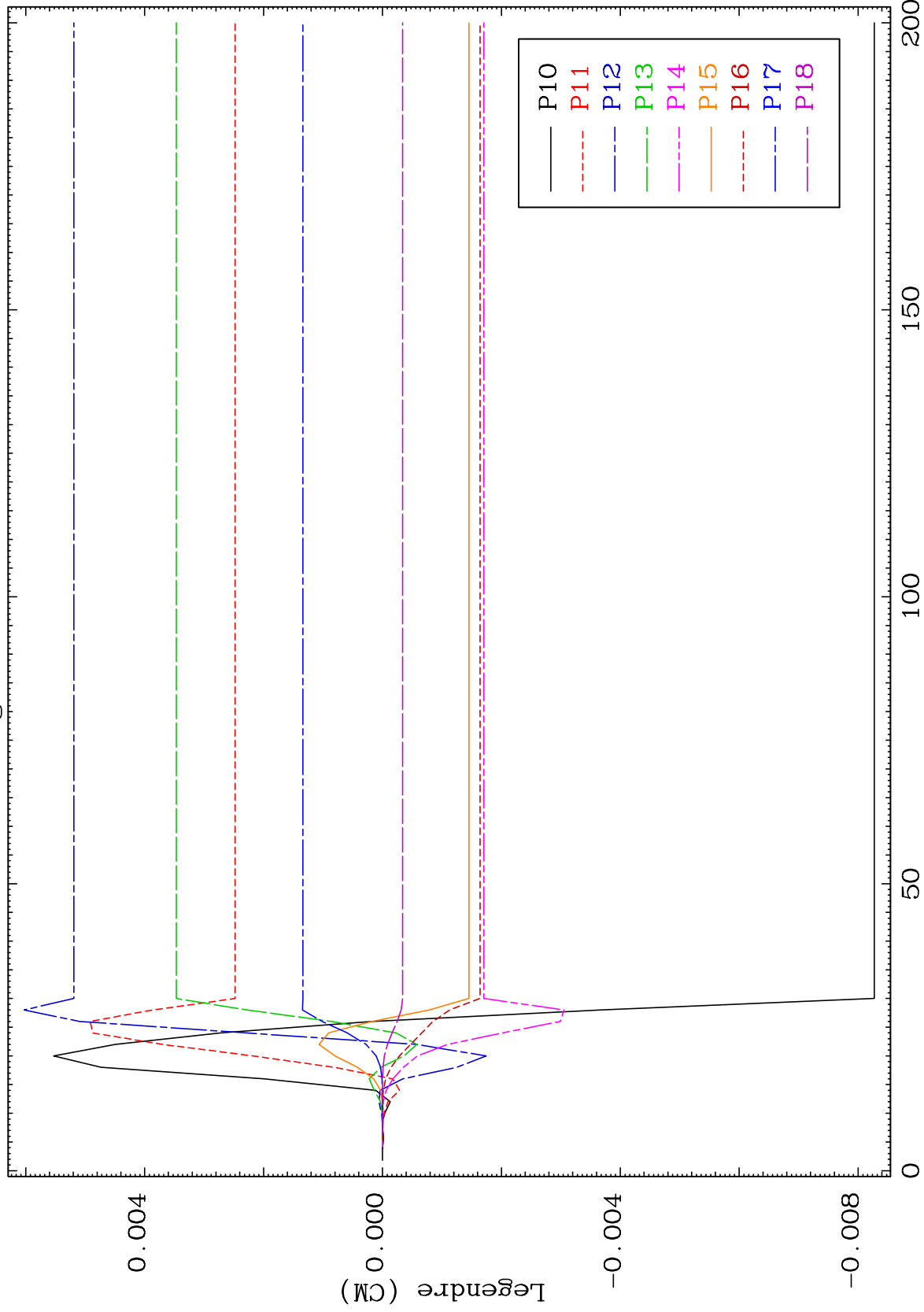
77-Ir-197



MAT 7743

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

77-Ir-197



118

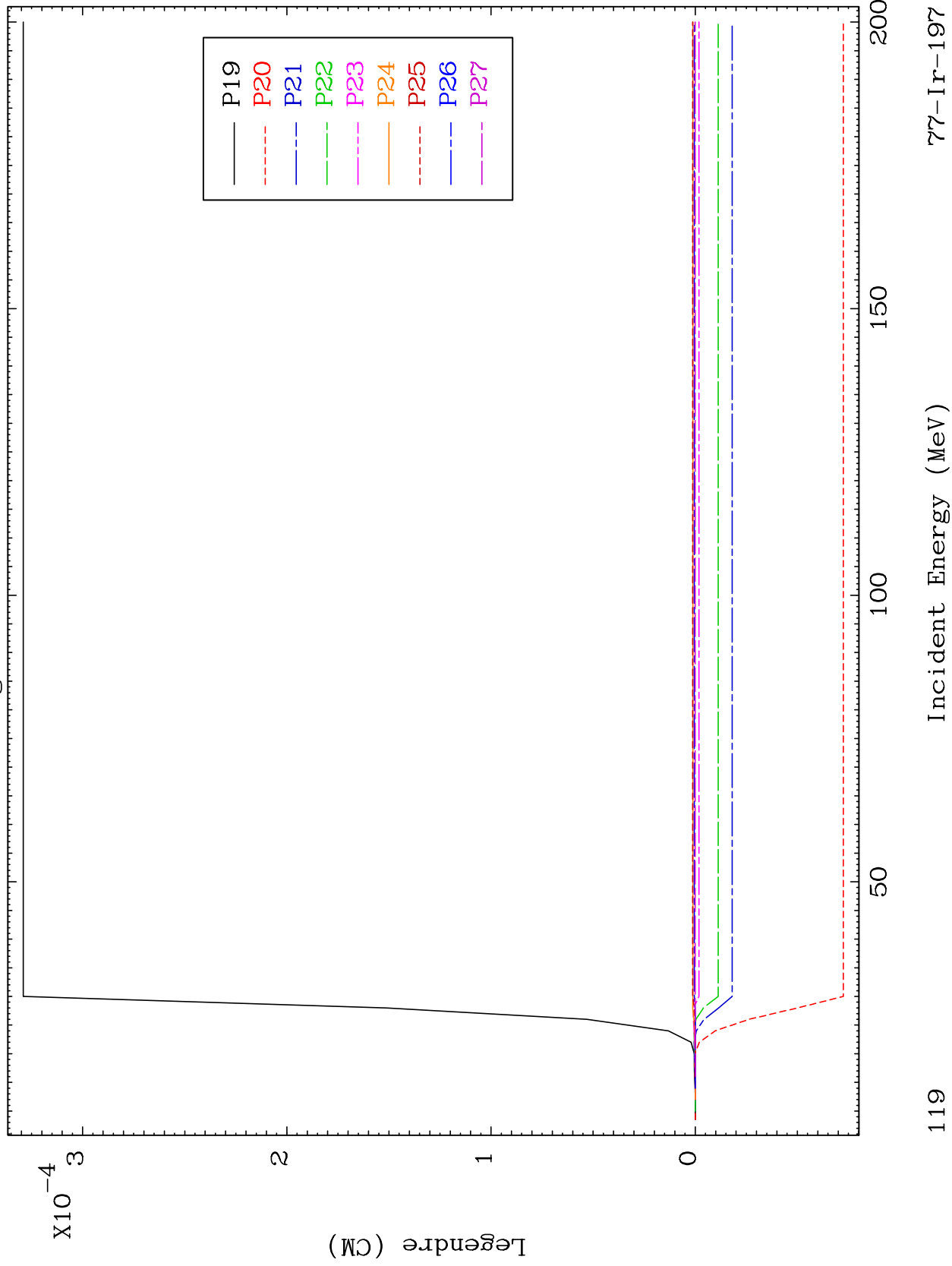
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

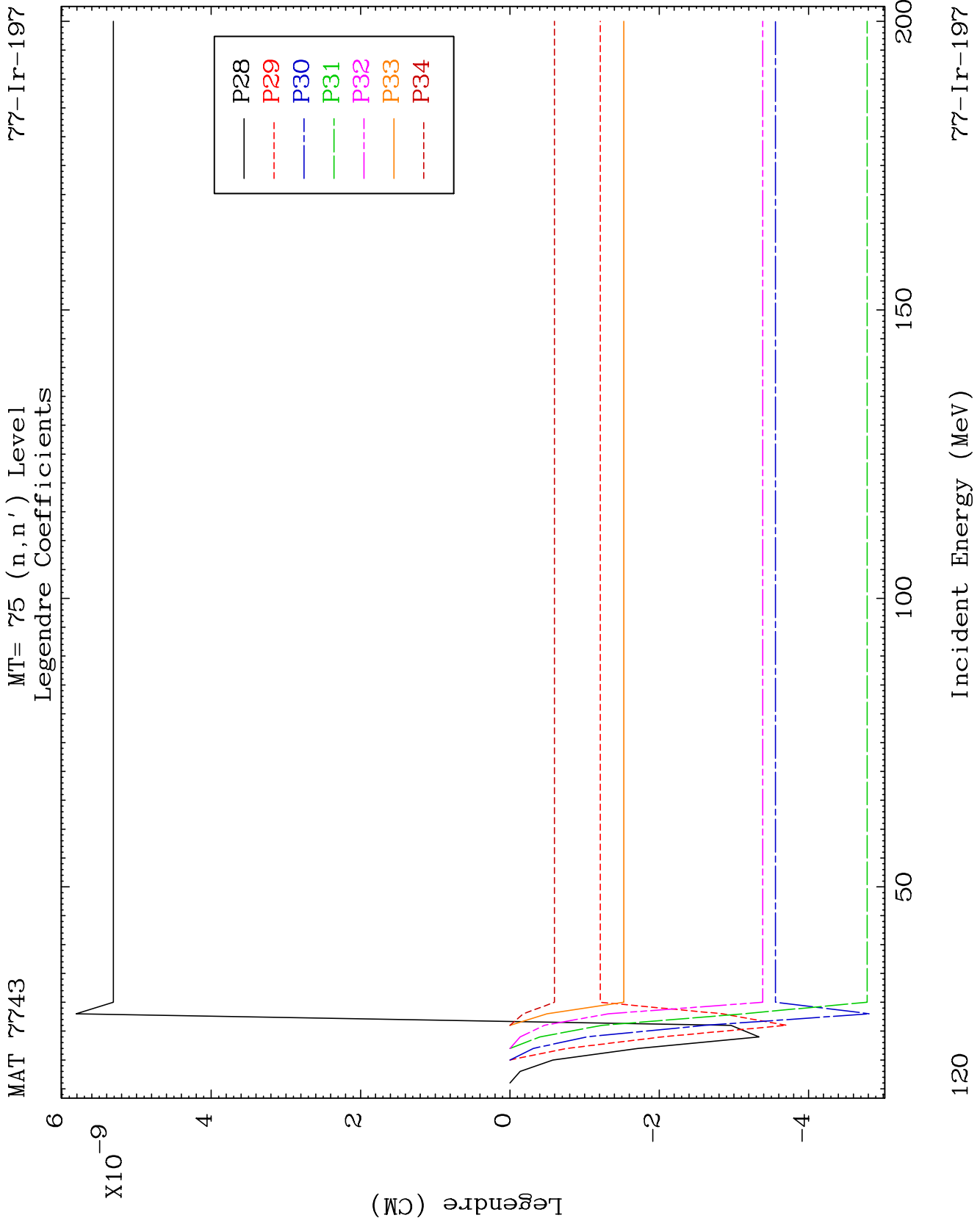
77-Ir-197



119

77-Ir-197

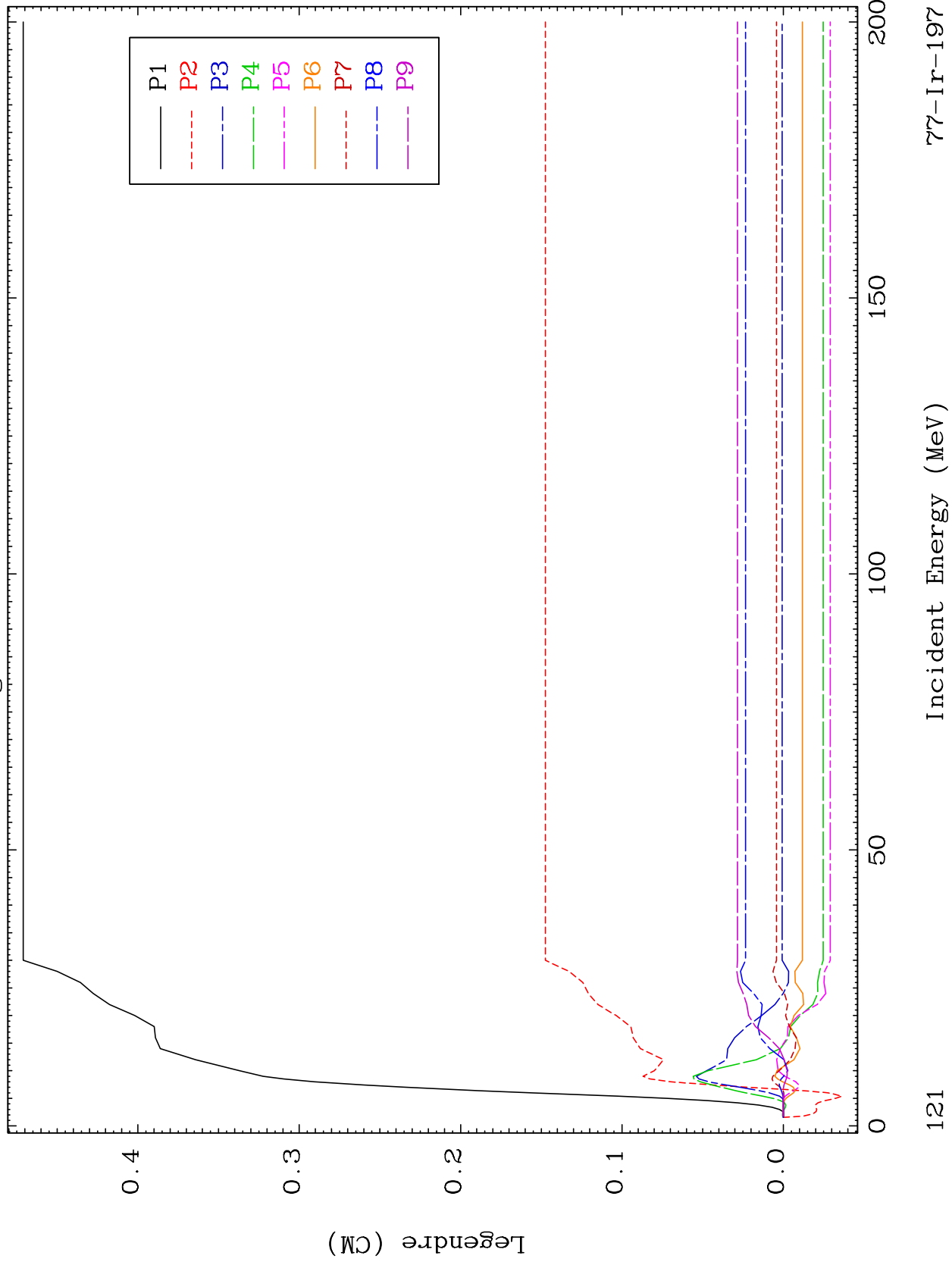




MAT 7743

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

77-Ir-197



77-Ir-197

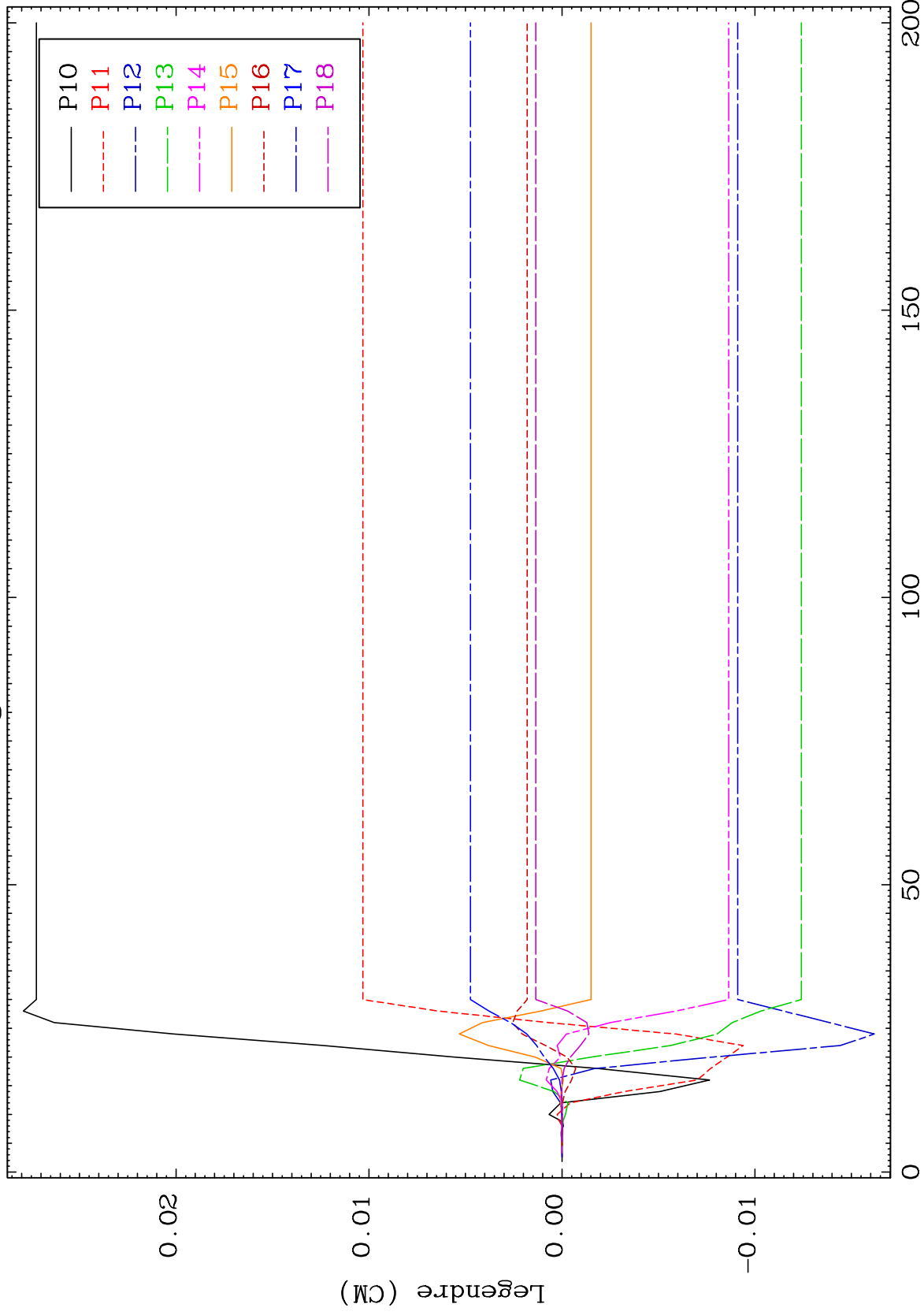
Incident Energy (MeV)

121

MAT 7743

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

77-Ir-197



122

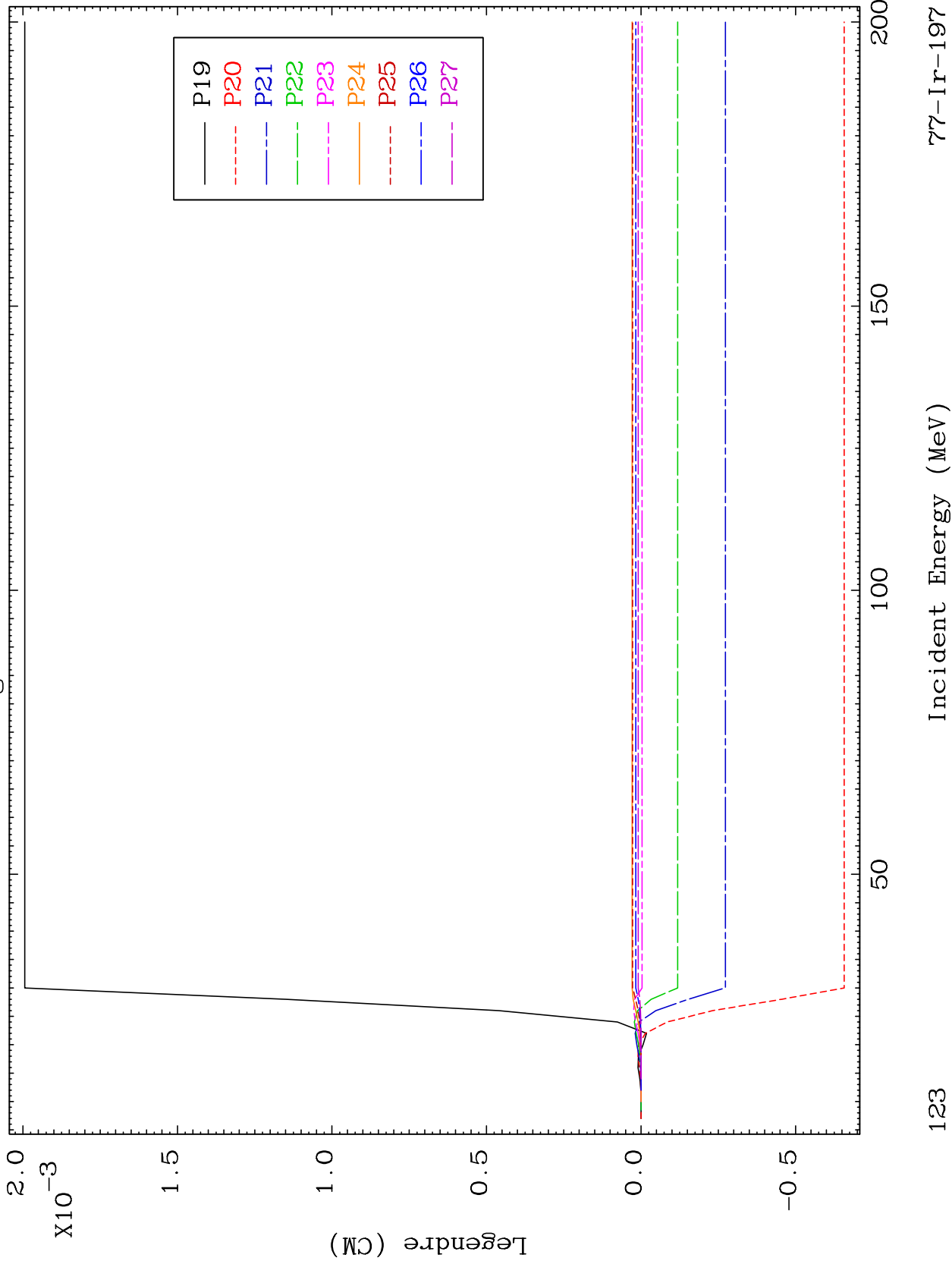
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197

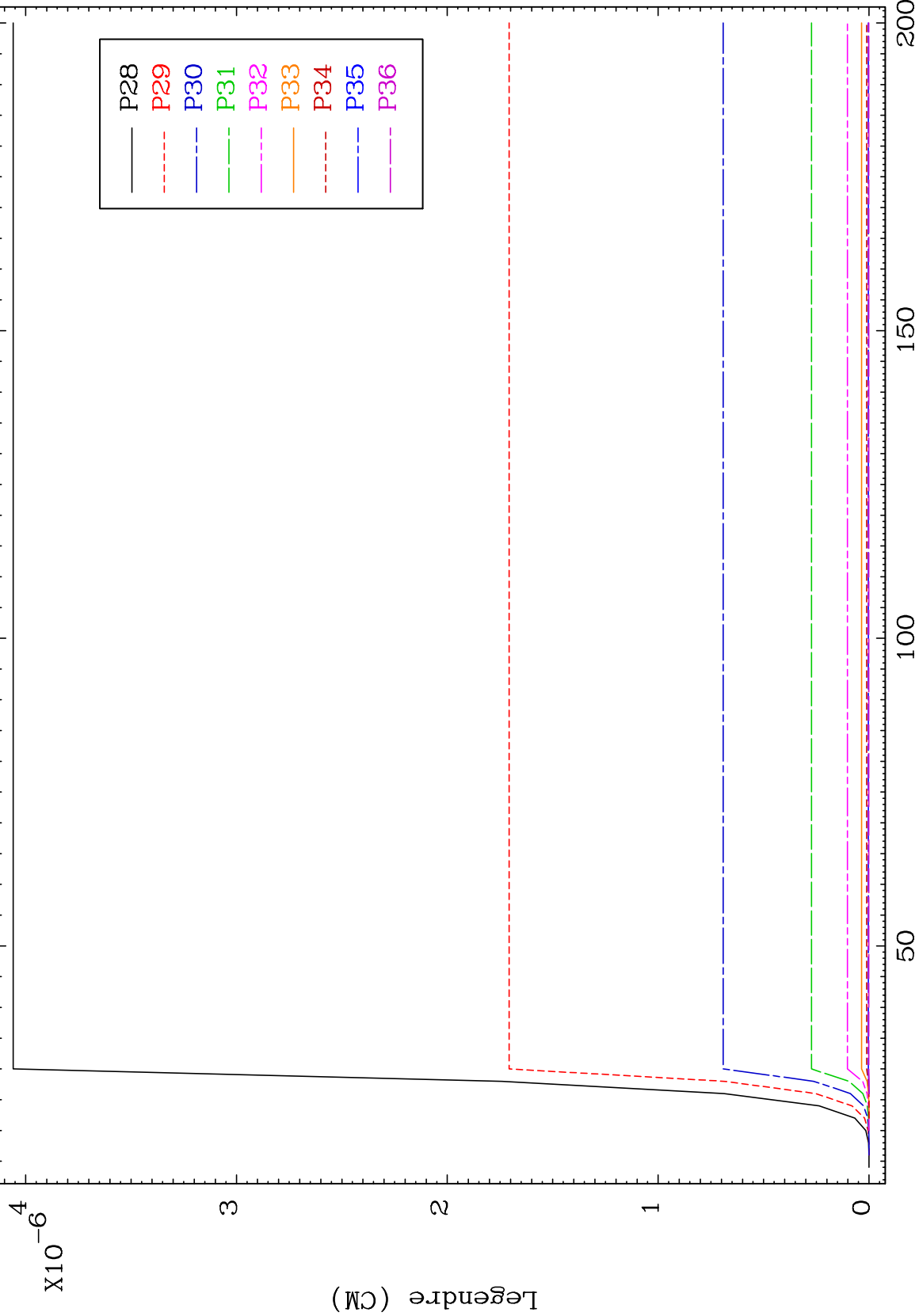


123

MAT 7743

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

77-Ir-197



124

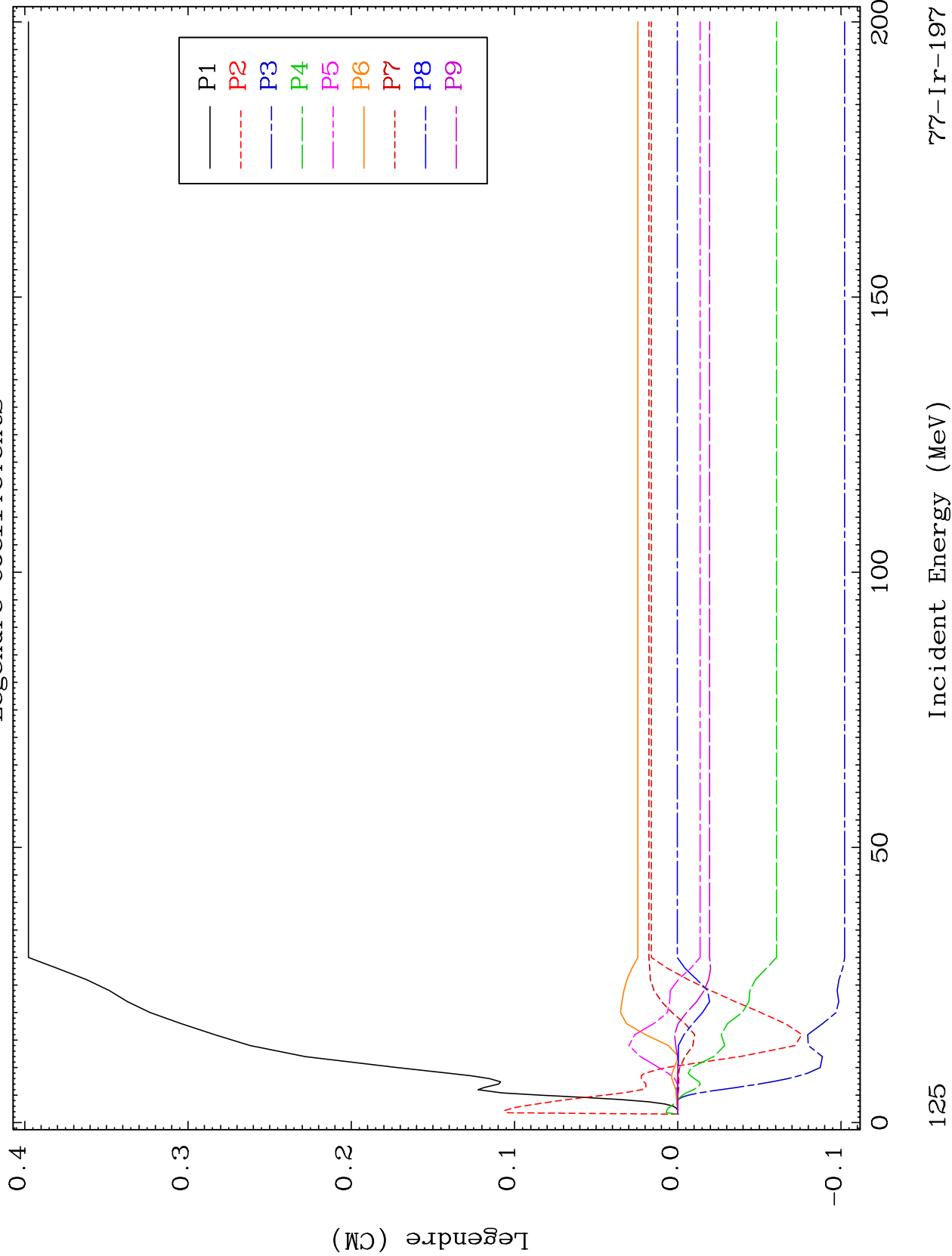
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



77-Ir-197

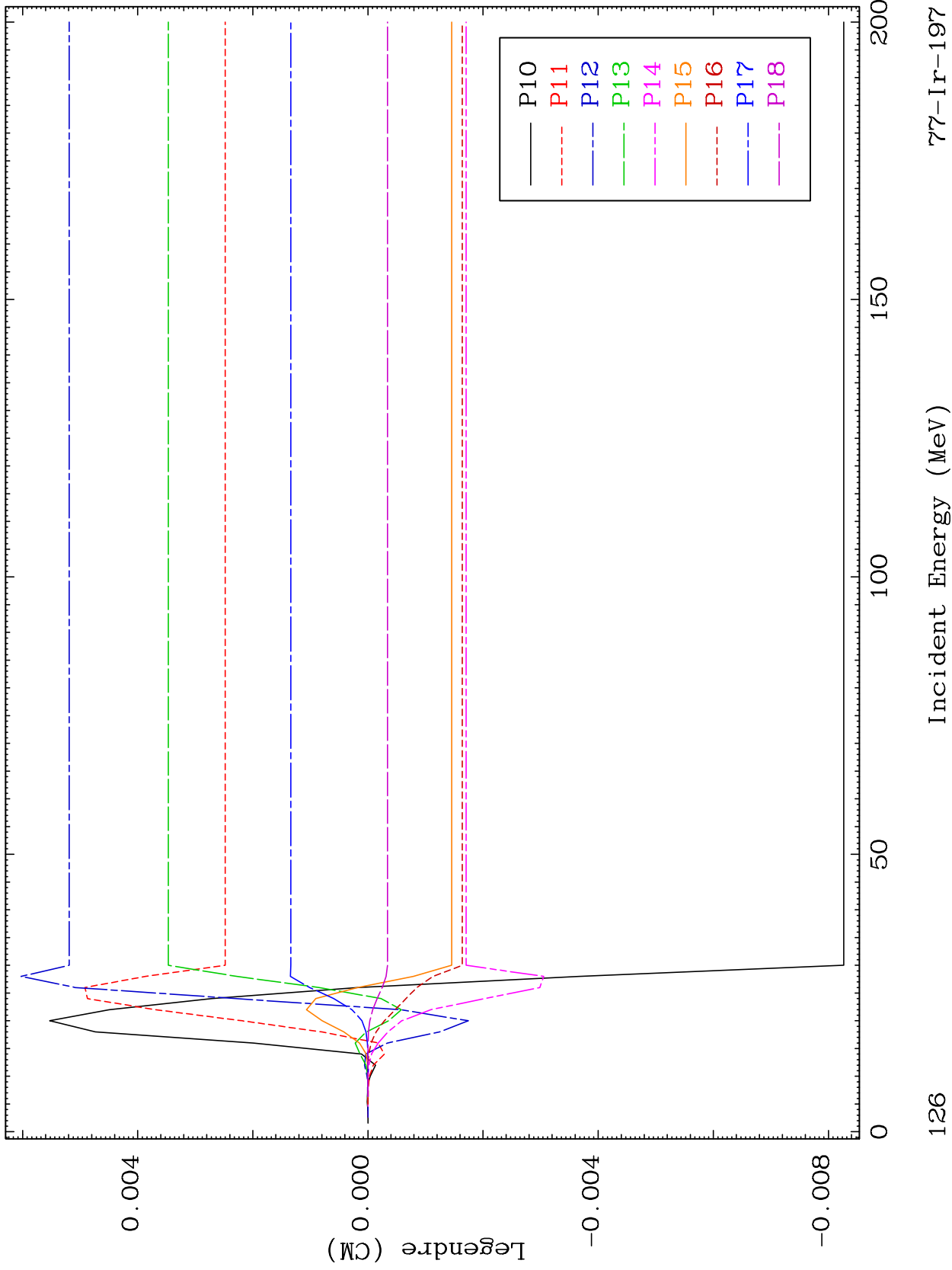
Incident Energy (MeV)

125

MAT 7743

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

77-Ir-197



77-Ir-197

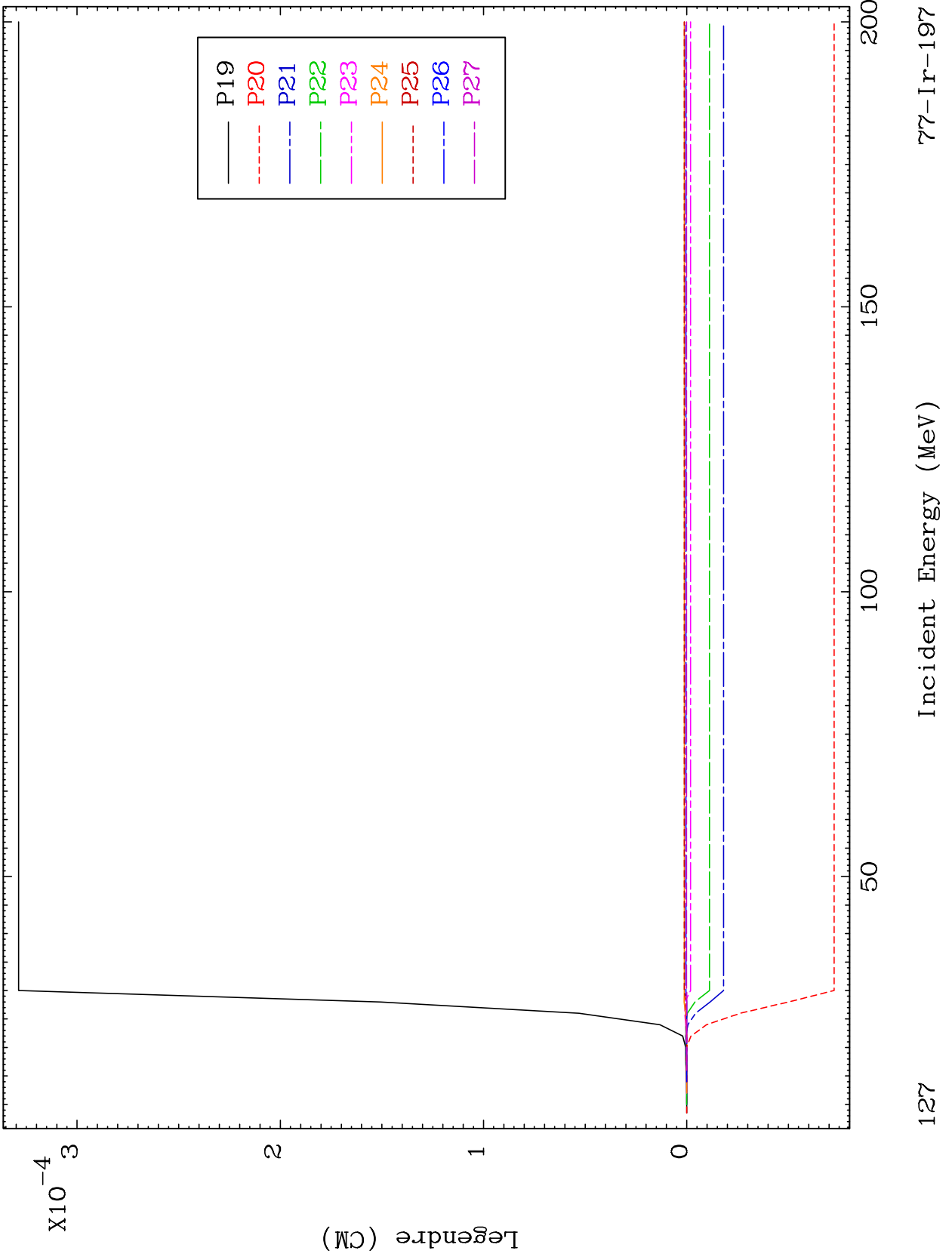
Incident Energy (MeV)

126

MAT 7743

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

77-Ir-197



127

Incident Energy (MeV)

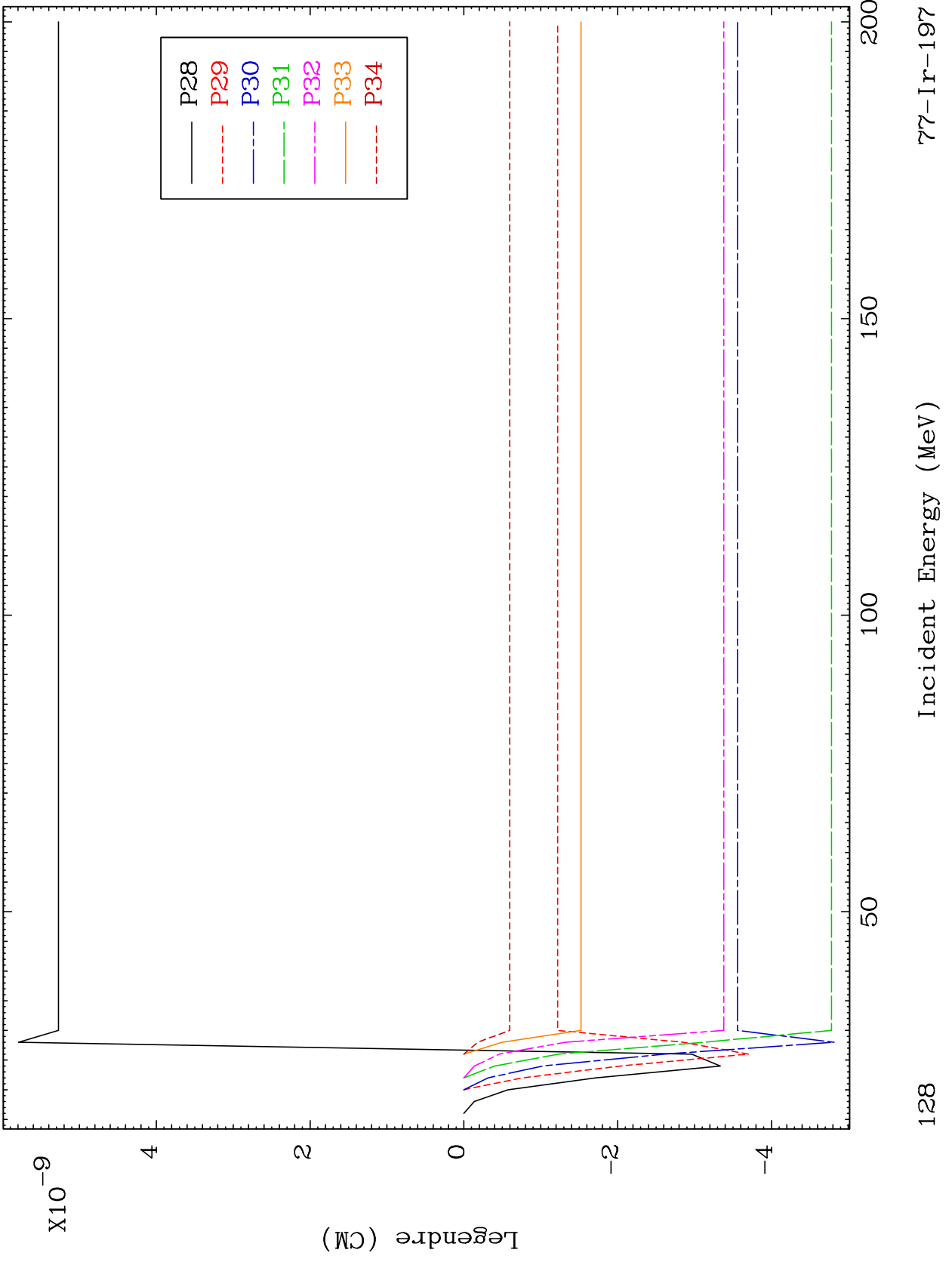
77-Ir-197



MAT 7743

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

77-Ir-197

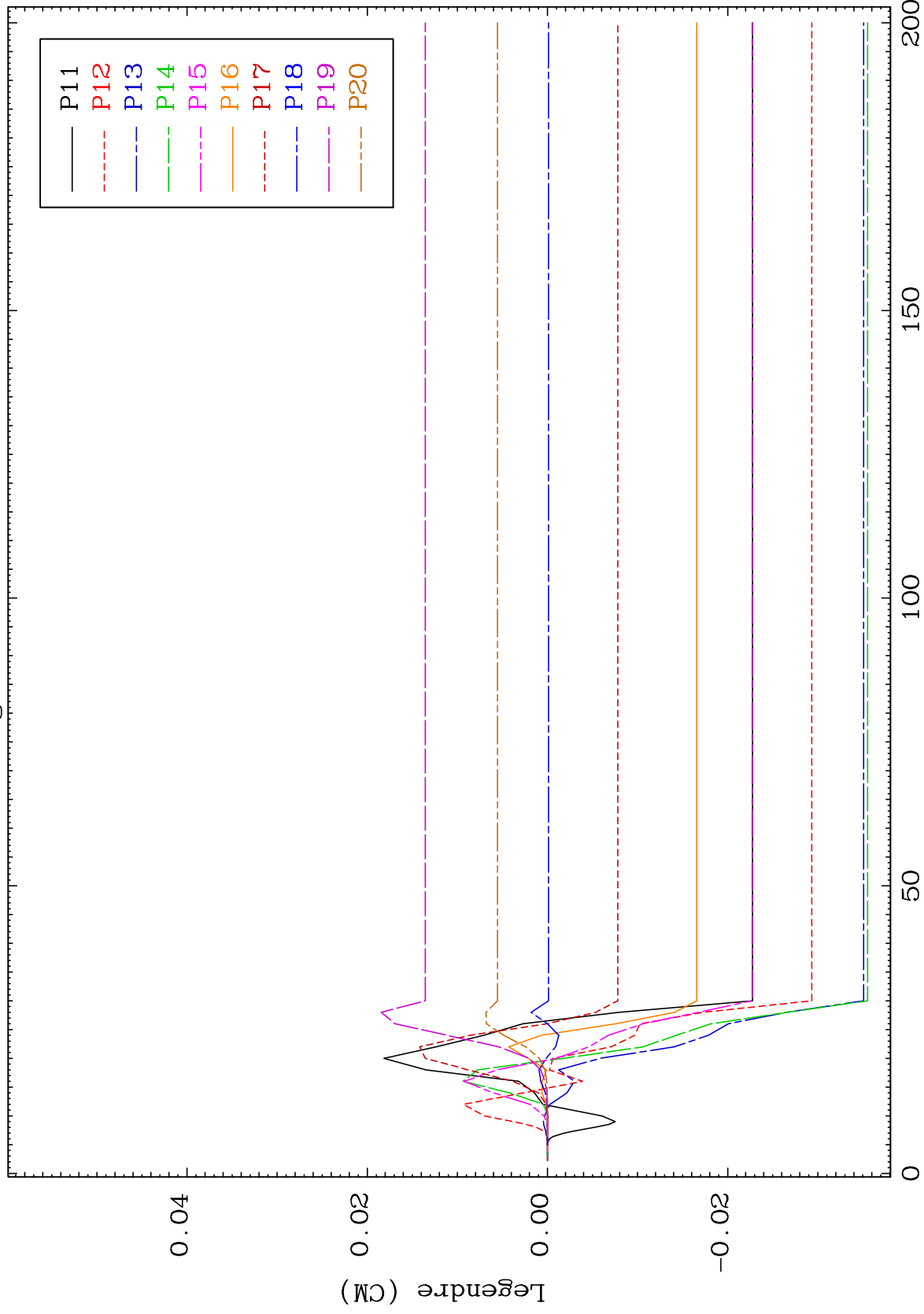




MAT 7743

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

77-Ir-197



130

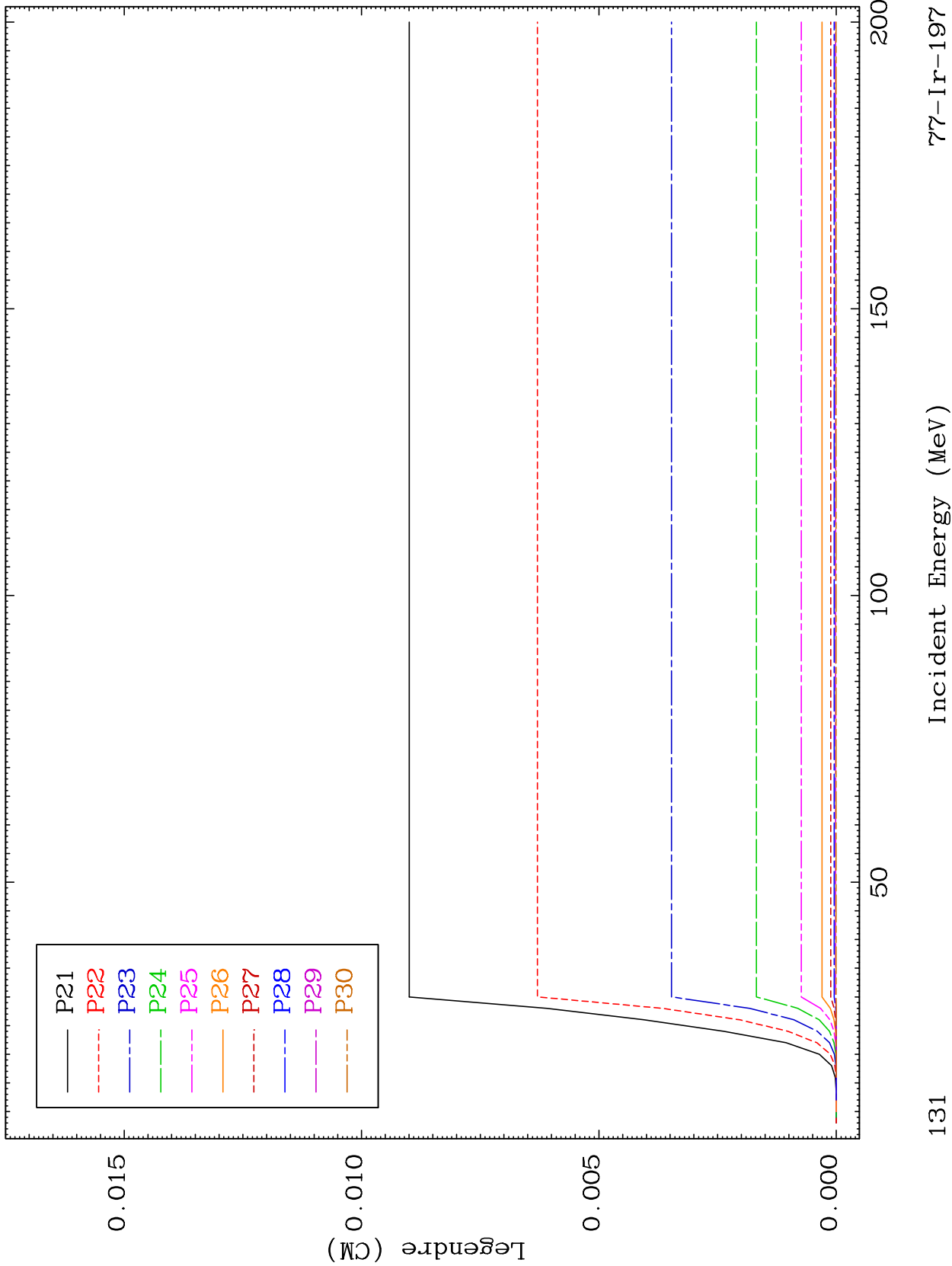
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



131

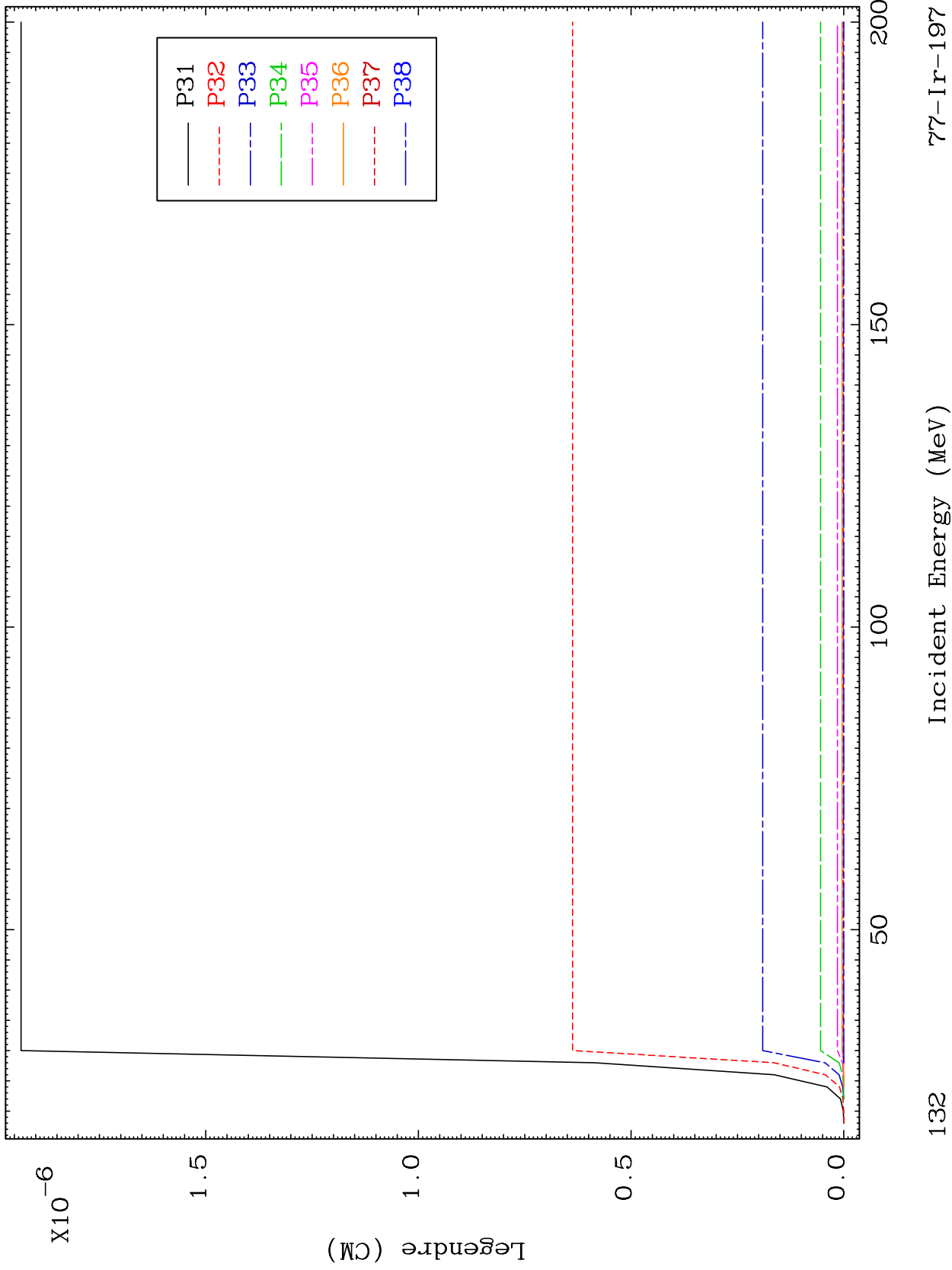
Incident Energy (MeV)

77-Ir-197

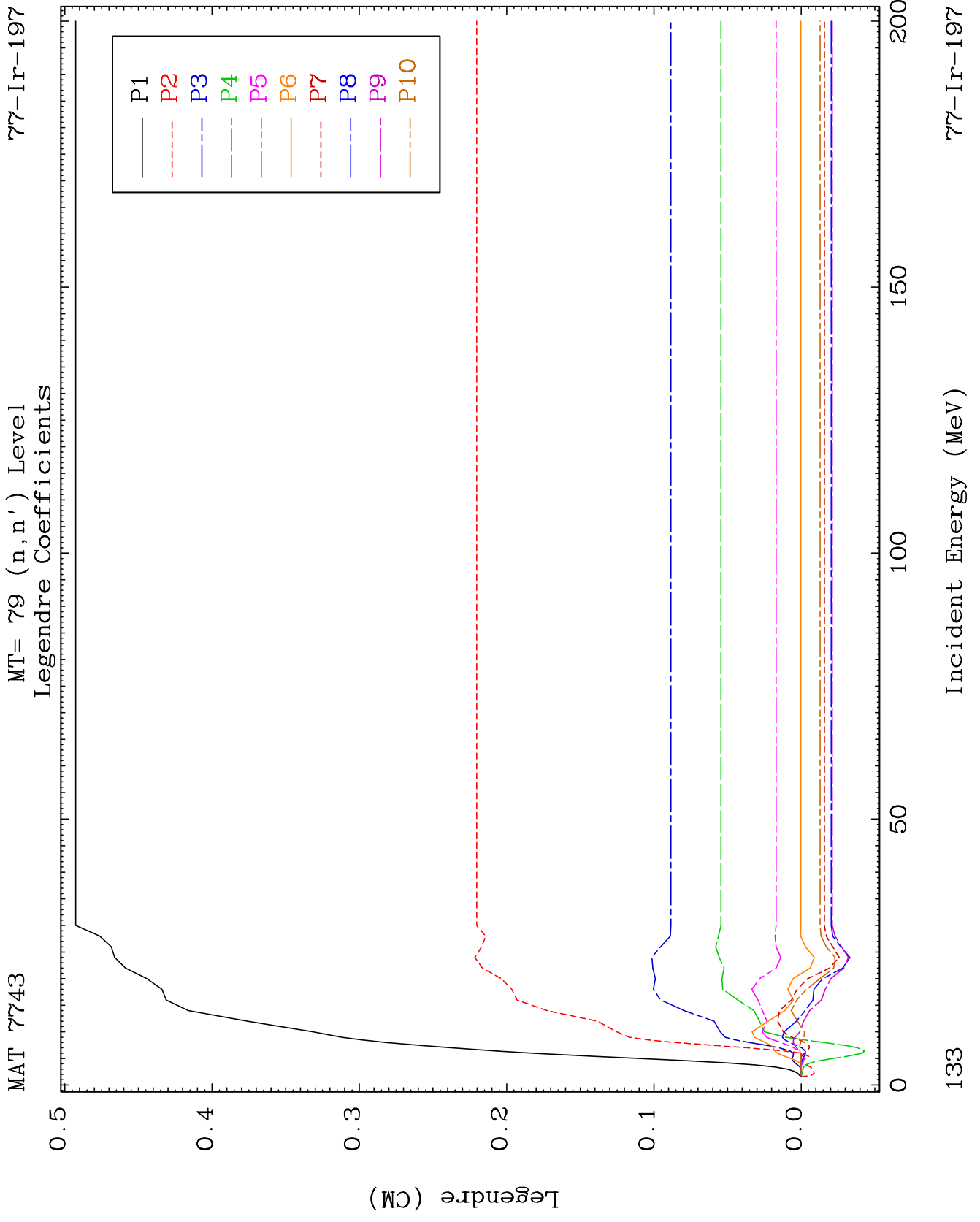
MAT 7743

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

77-Ir-197



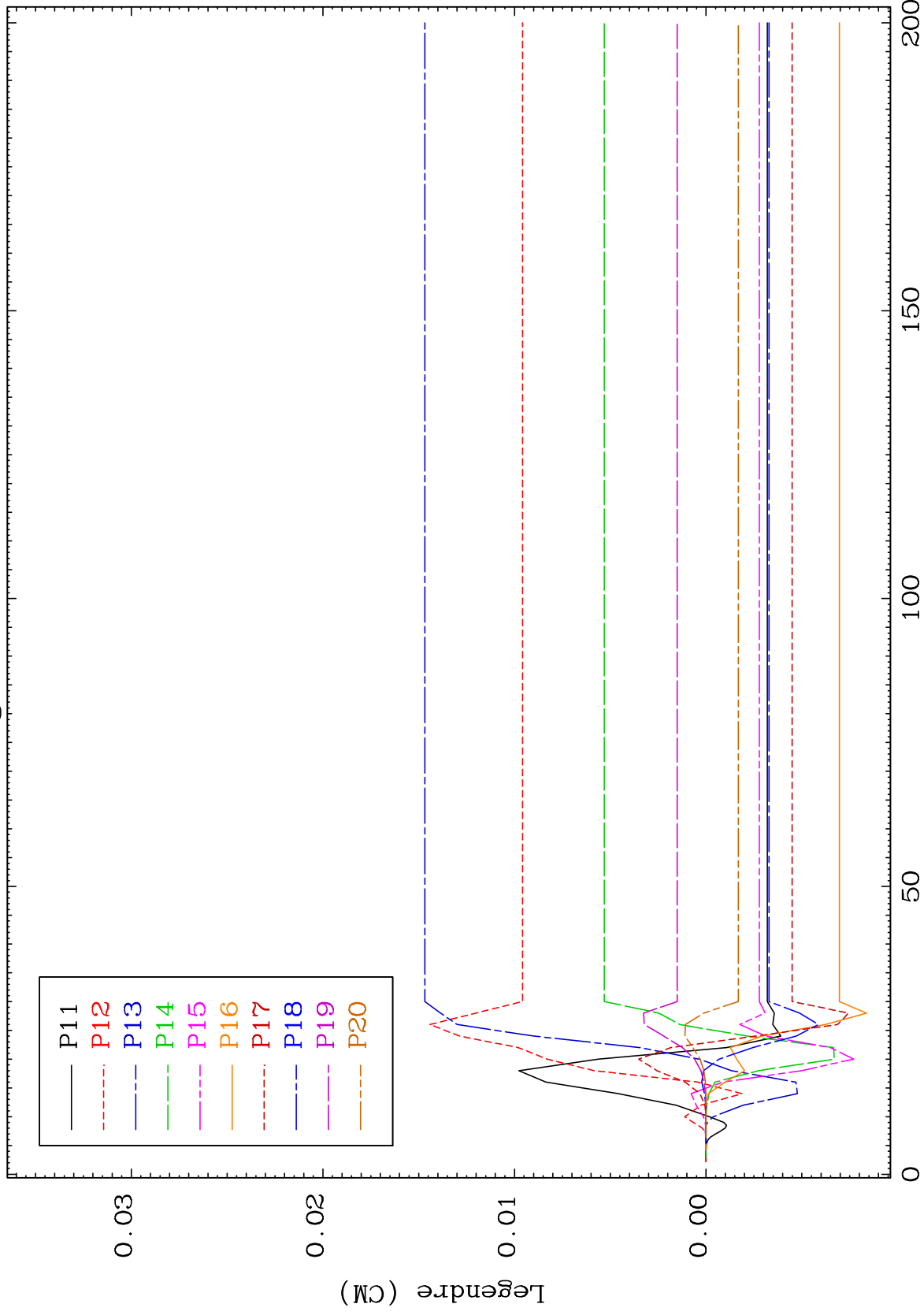
132



MAT 7743

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

77-Ir-197



134

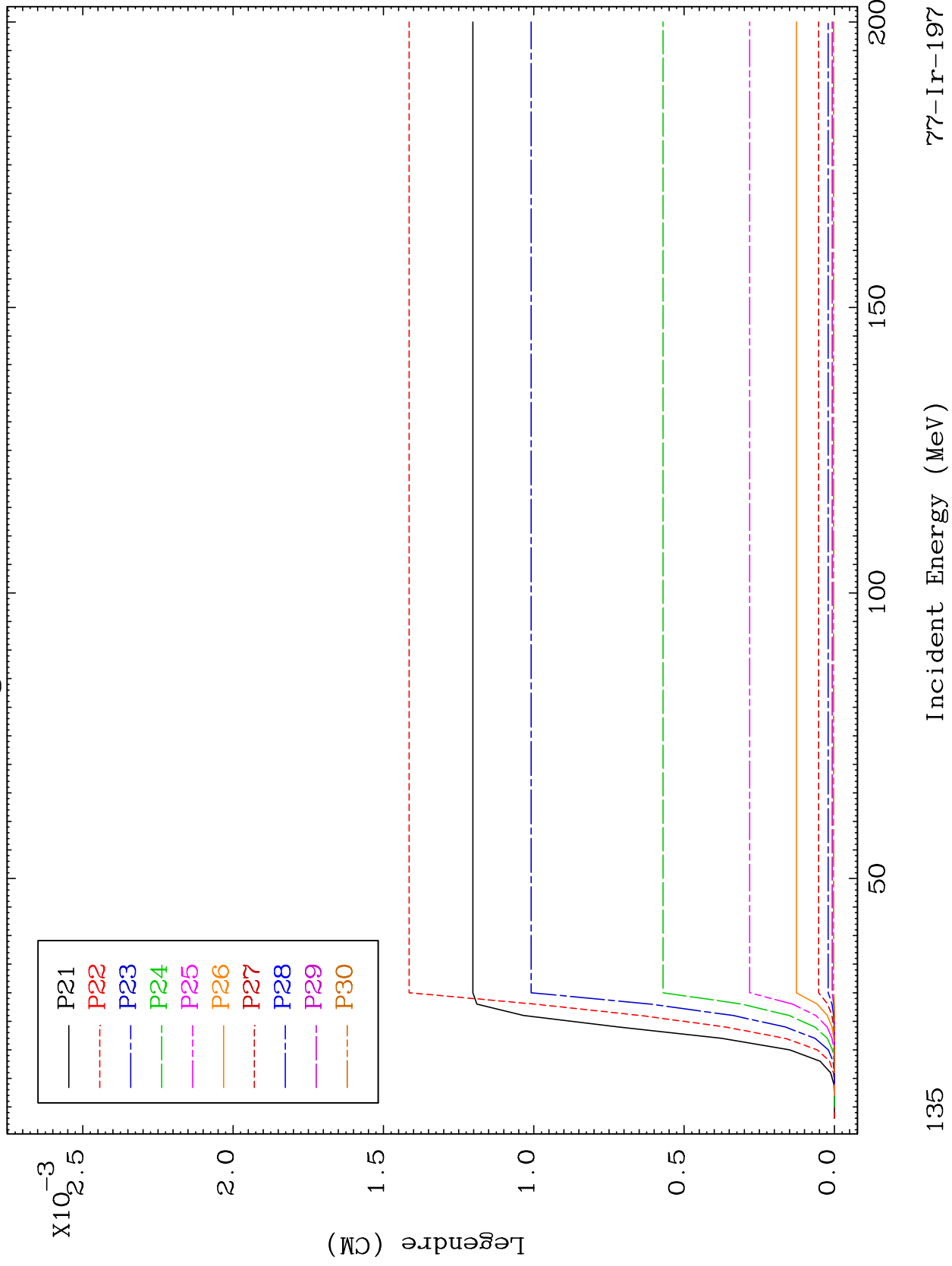
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

77-Ir-197



135

Incident Energy (MeV)

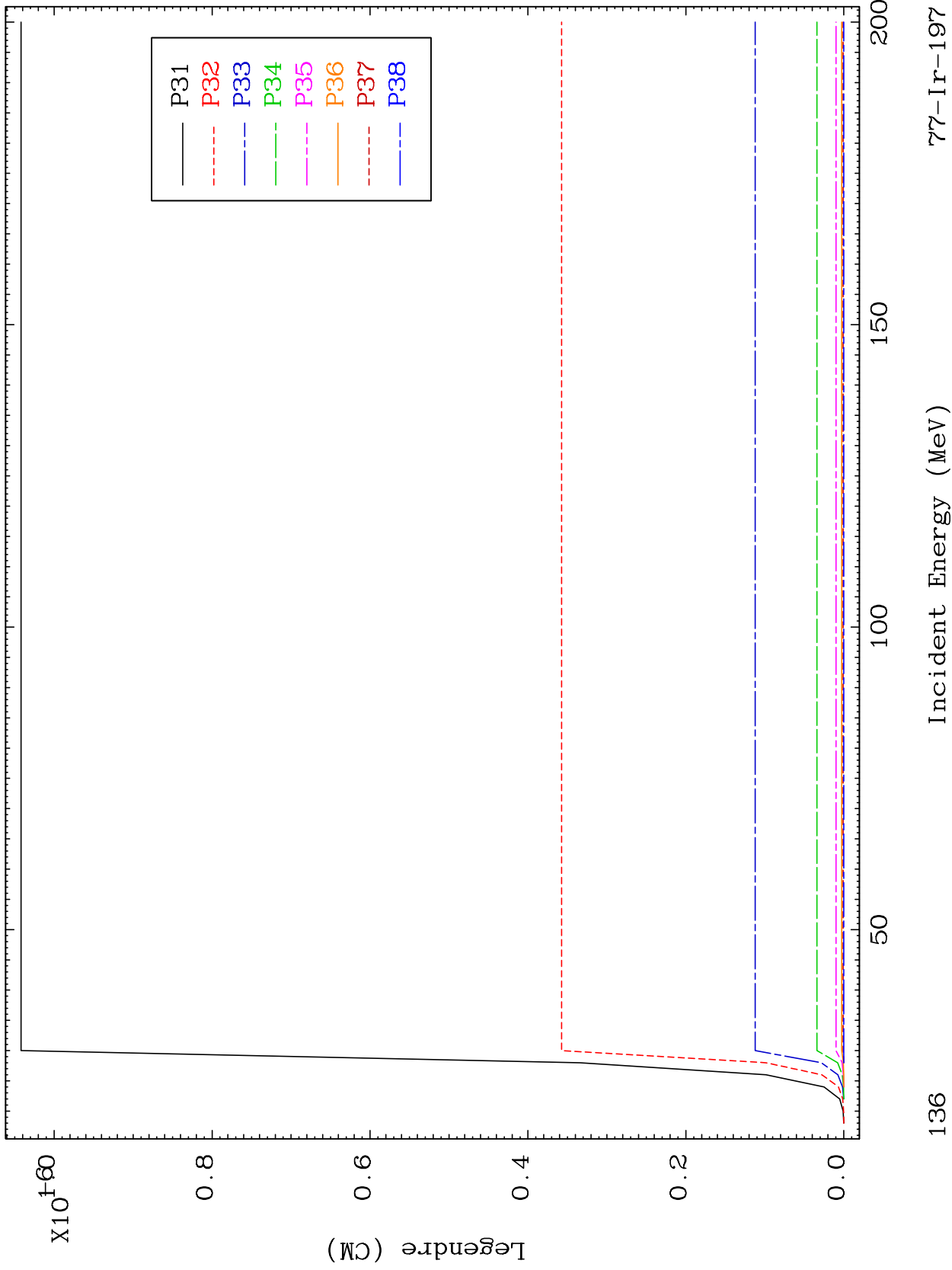
77-Ir-197



MAT 7743

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

77-Ir-197

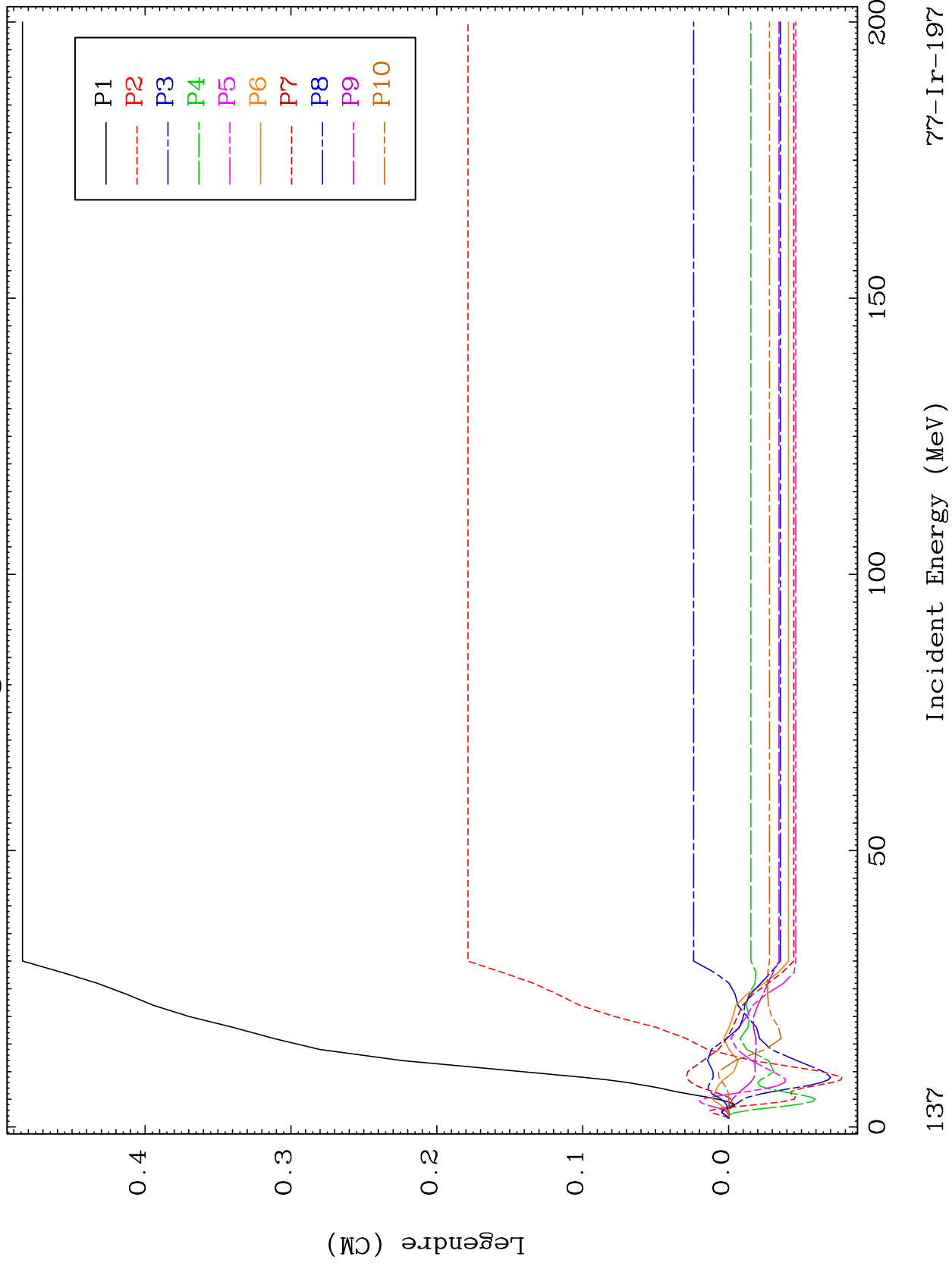


136

MAT 7743

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

77-Ir-197



77-Ir-197

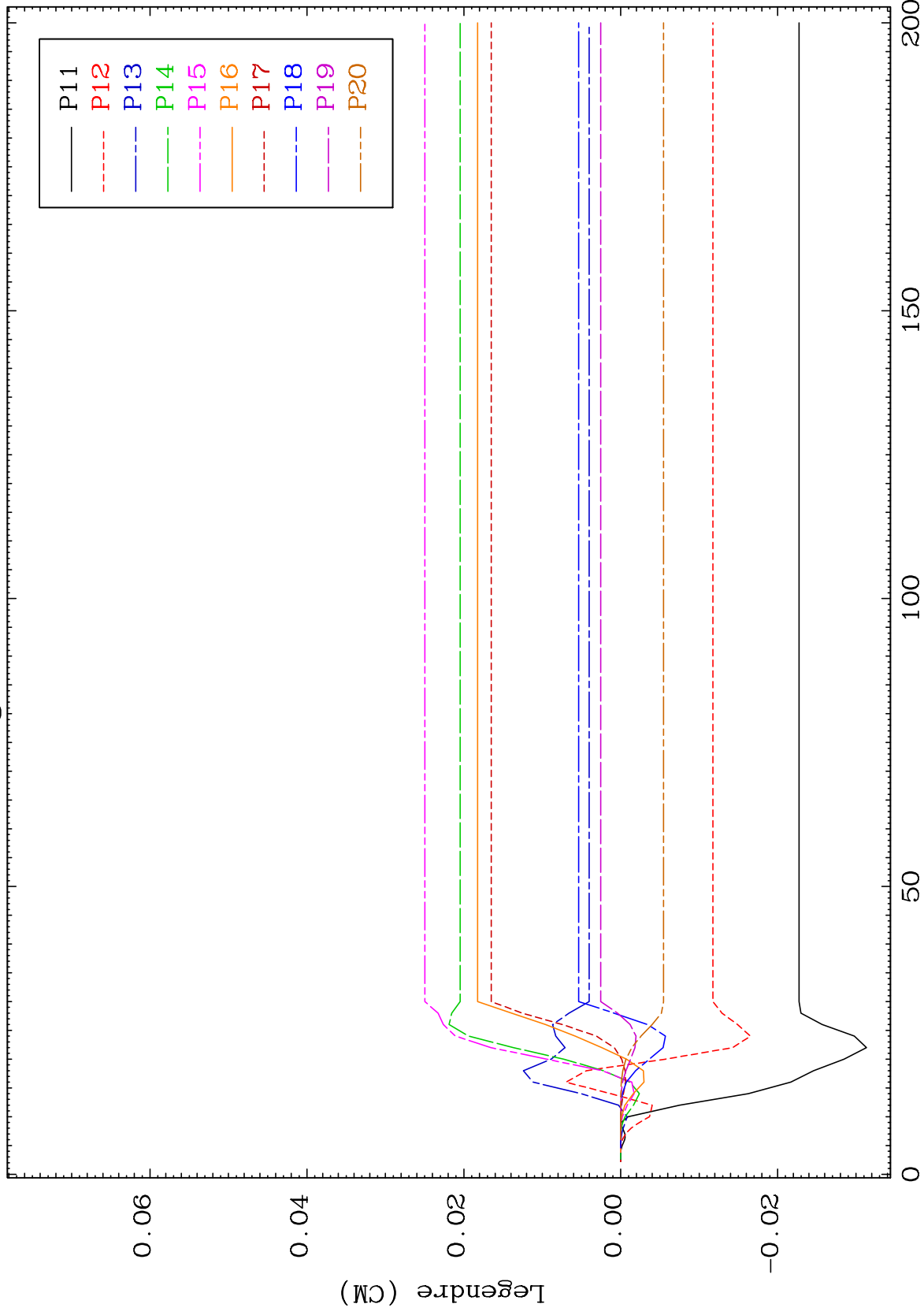
Incident Energy (MeV)

137

MAT 7743

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

77-Ir-197



138

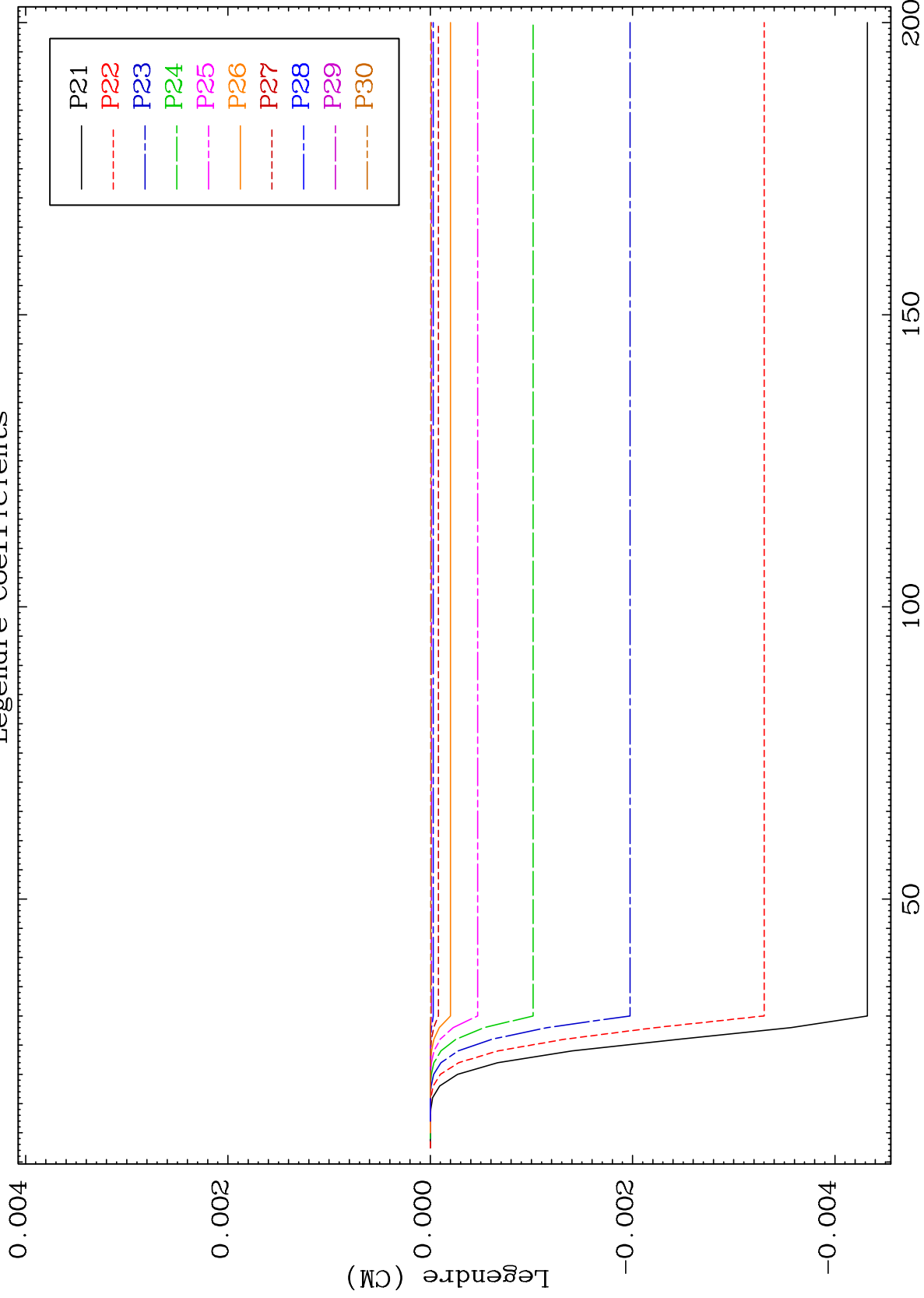
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

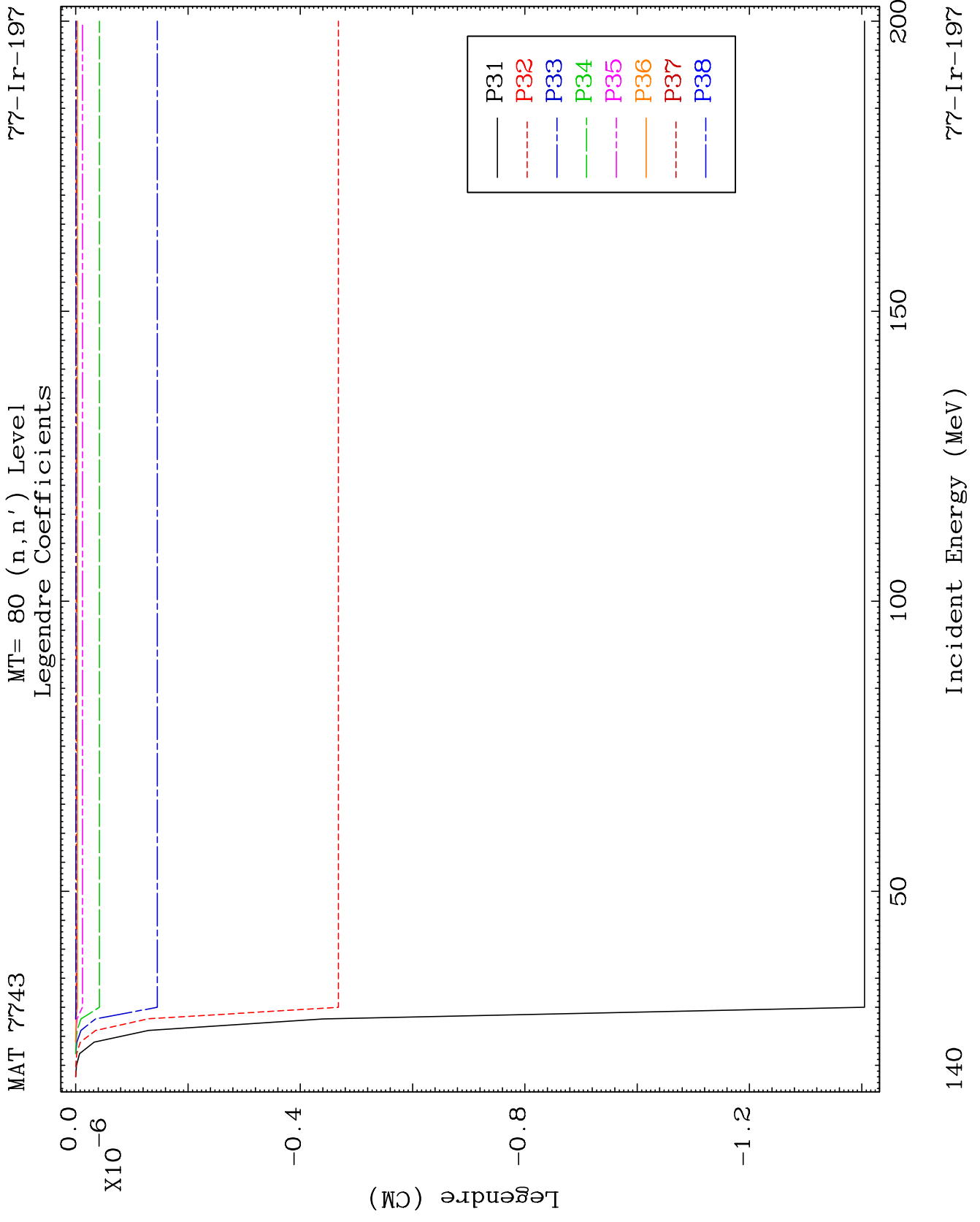
77-Ir-197



139

Incident Energy (MeV)

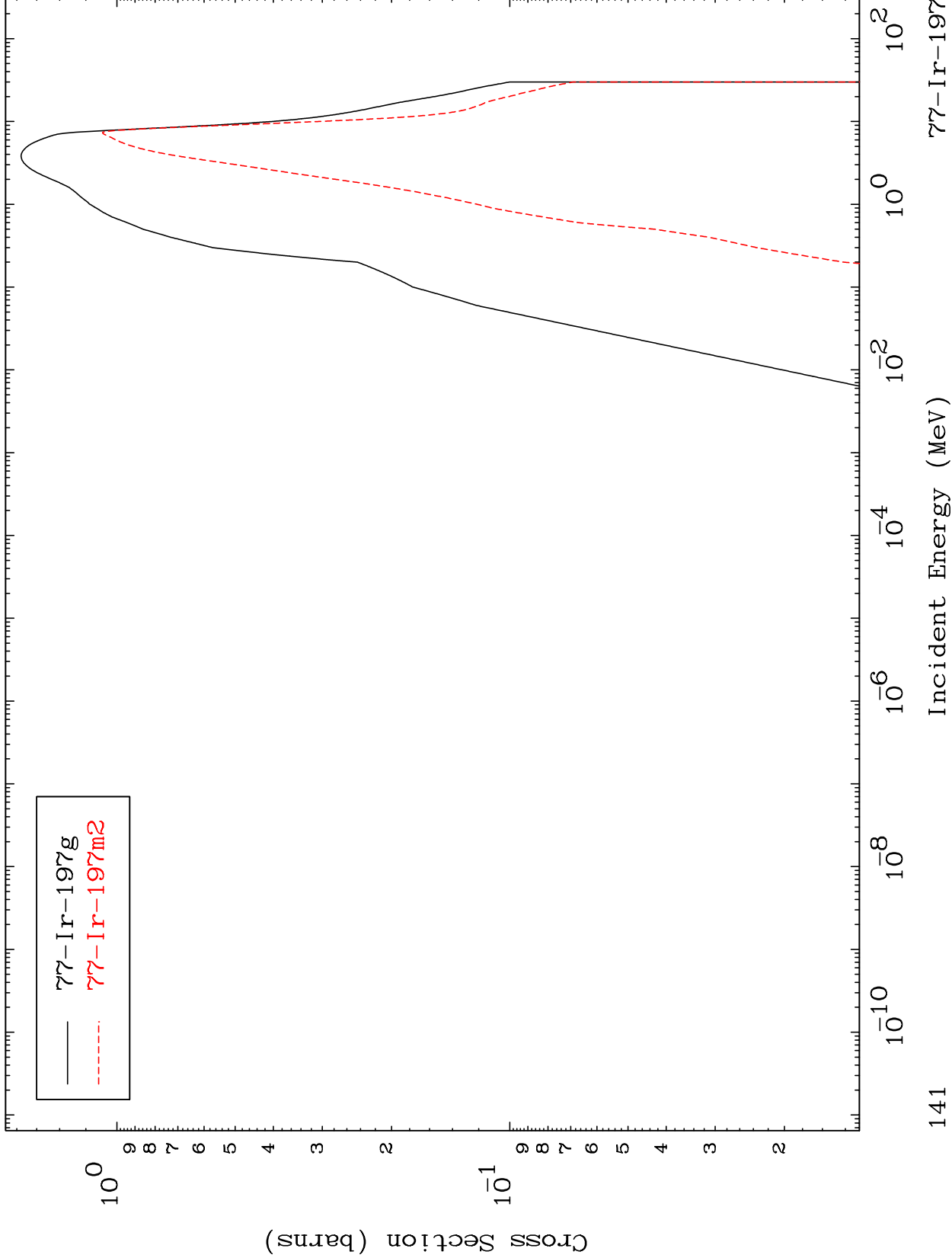
77-Ir-197



MAT 7743

Inelastic  
Radionuclide Production Cross Section

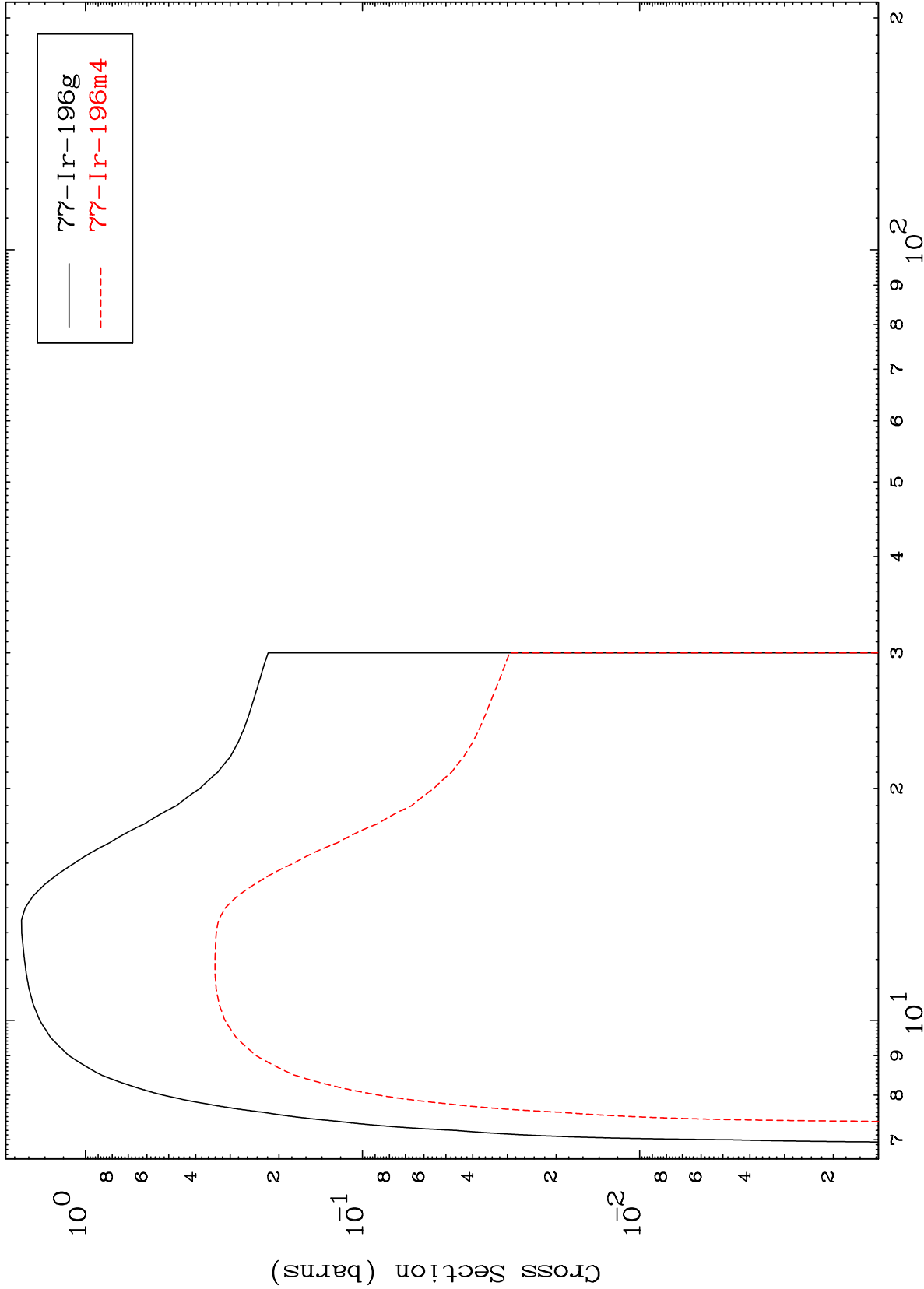
<sup>77</sup>Ir-197



MAT 7743

77-Ir-197

(n,2n)  
Radionuclide Production Cross Section



77-Ir-197

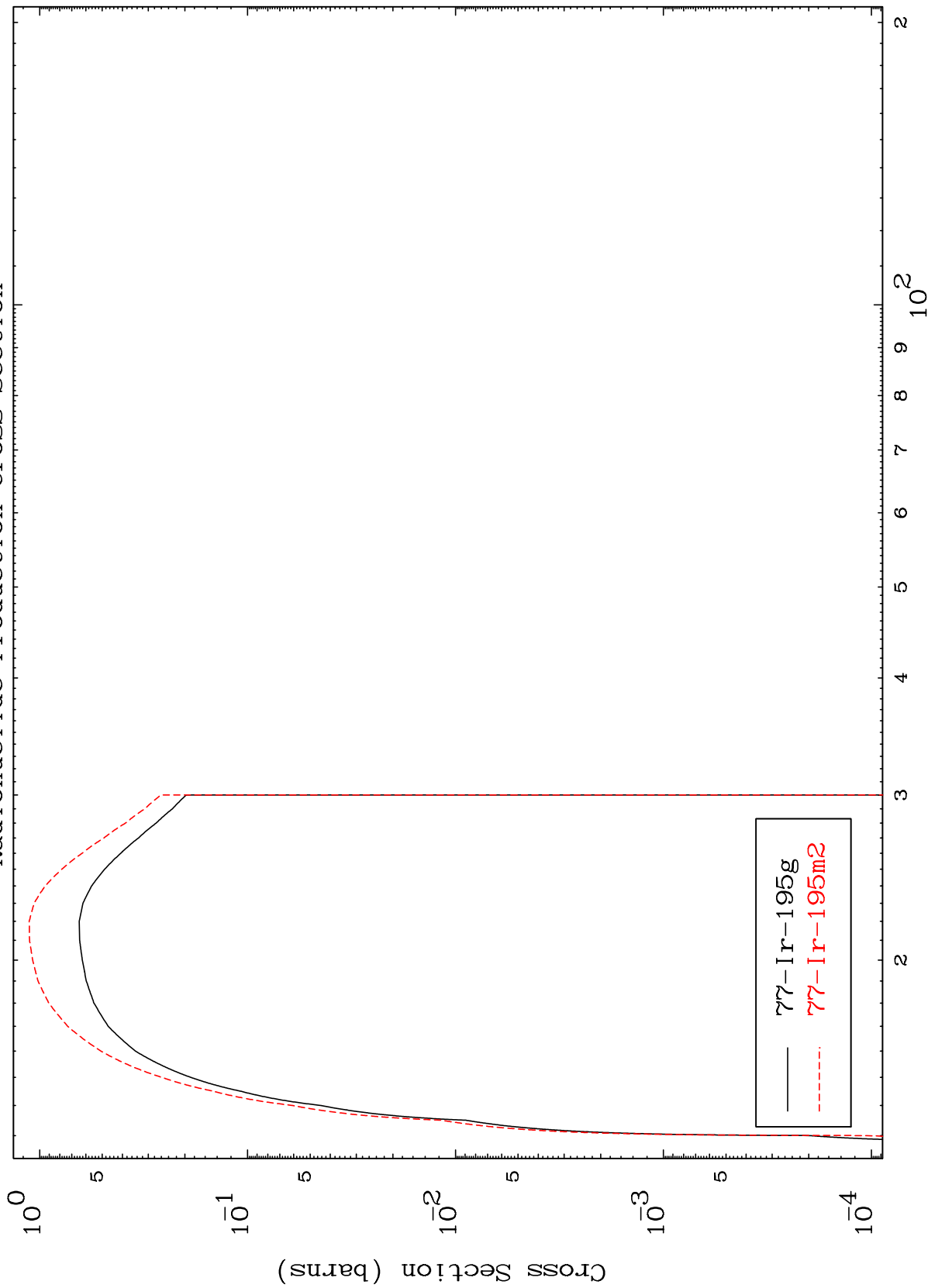
Incident Energy (MeV)

142

MAT 7743

77-Ir-197

(n,3n)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

77-Ir-197

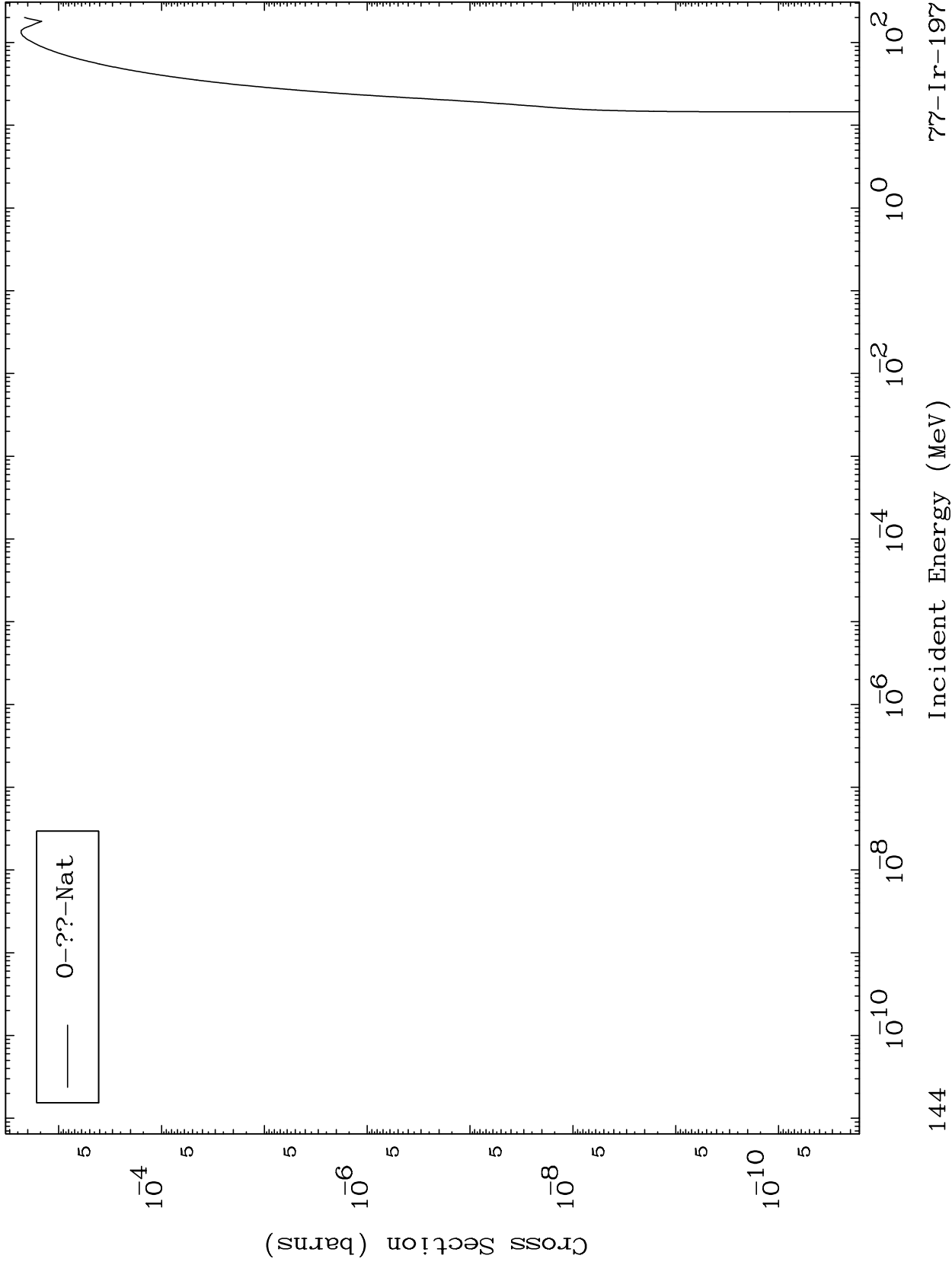


MAT 7743

Fission

<sup>77</sup>Ir-197

Radionuclide Production Cross Section

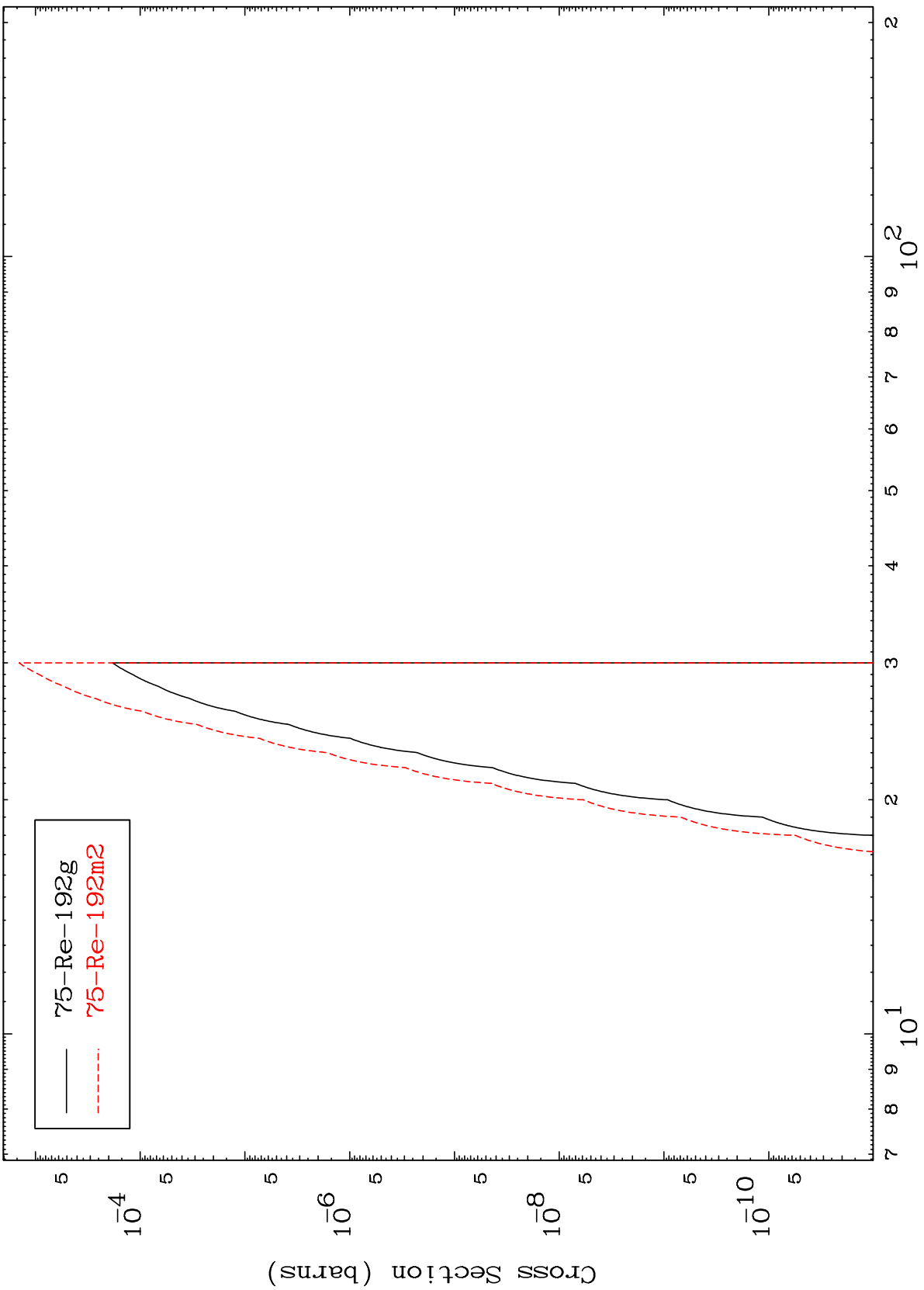


MAT 7743

$(n,2n) \alpha$

$^{77}\text{Ir-197}$

Radionuclide Production Cross Section



145

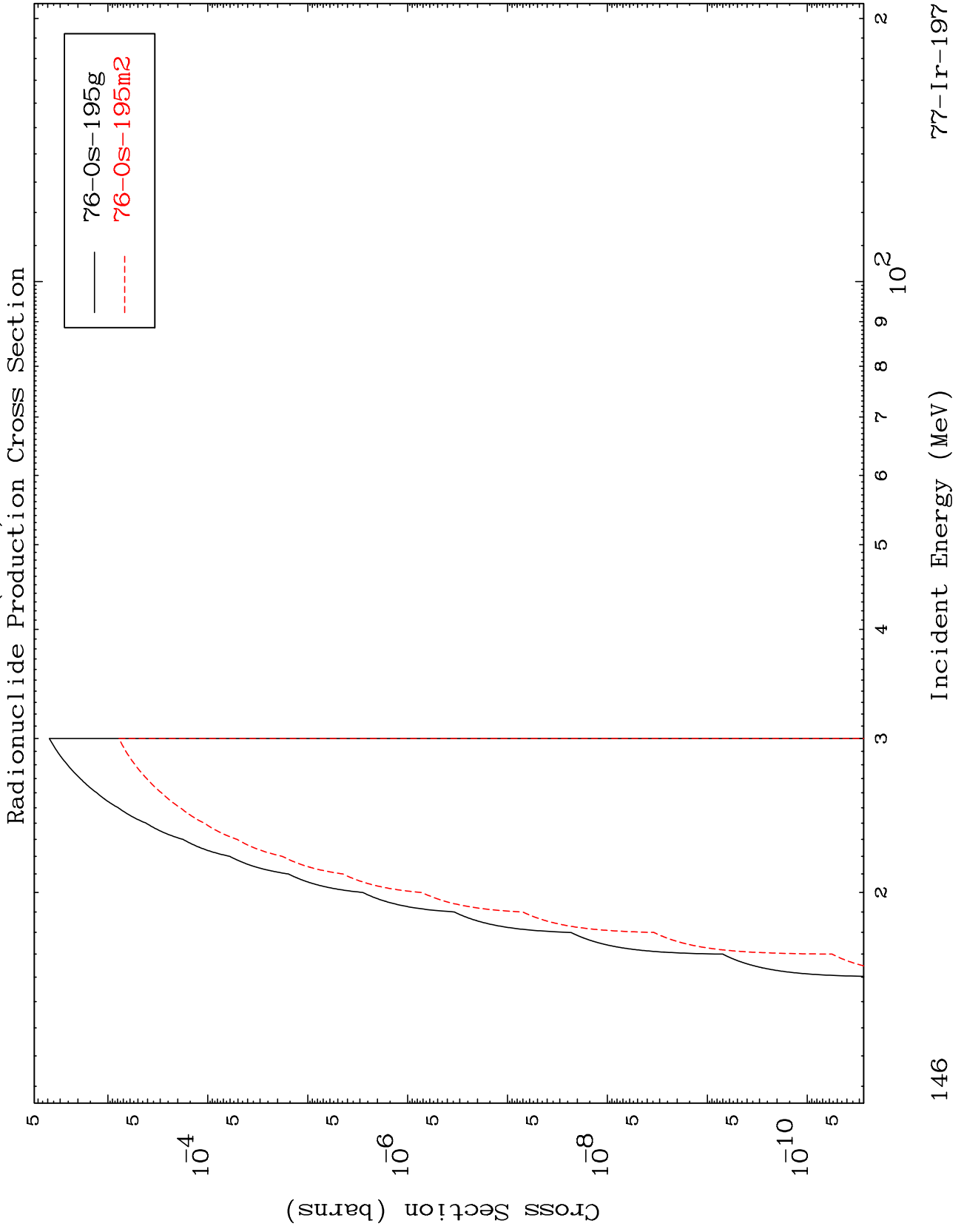
Incident Energy (MeV)

$^{77}\text{Ir-197}$

MAT 7743

(n,n') d

77-Ir-197



146

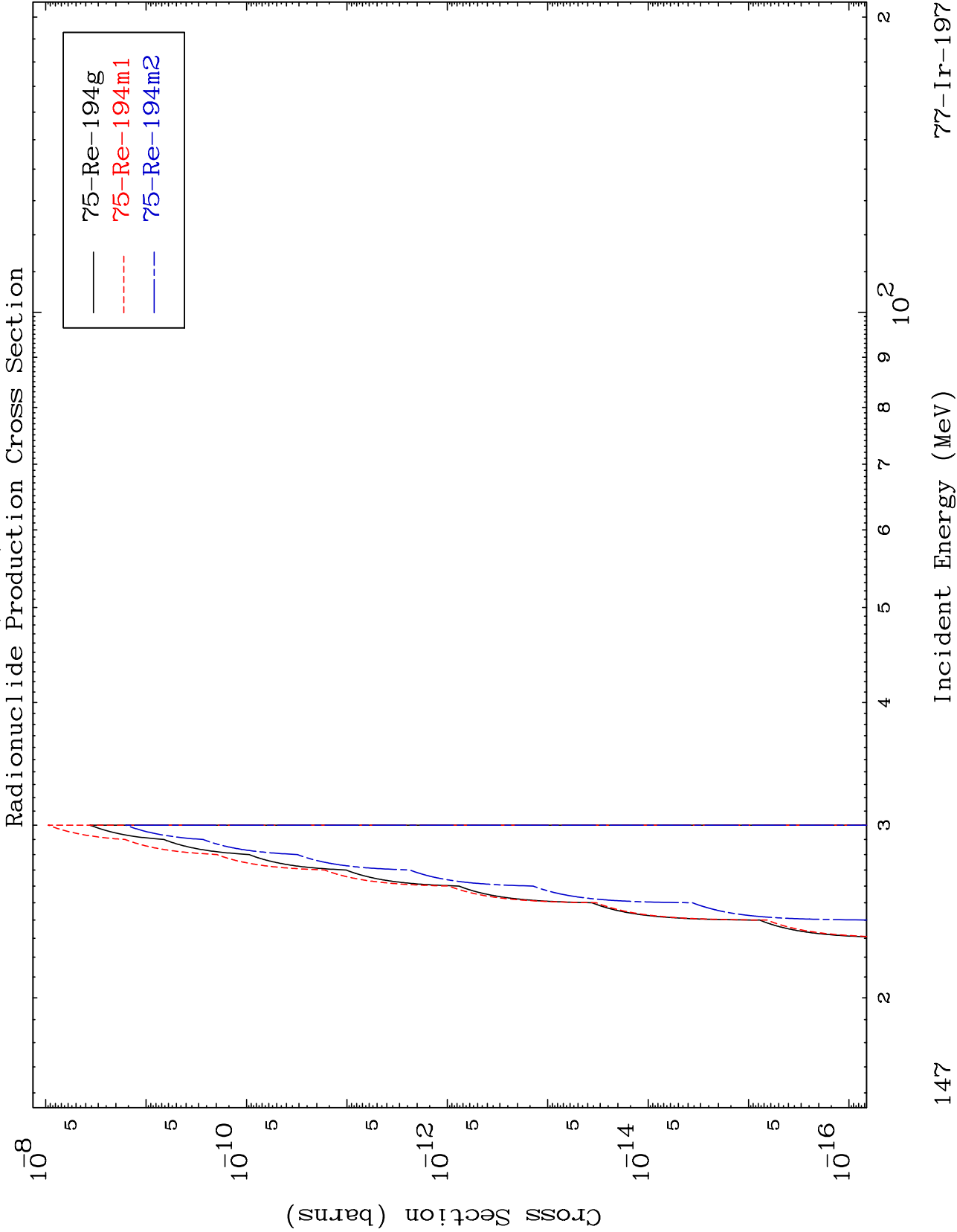
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,n') He-3

77-Ir-197



147

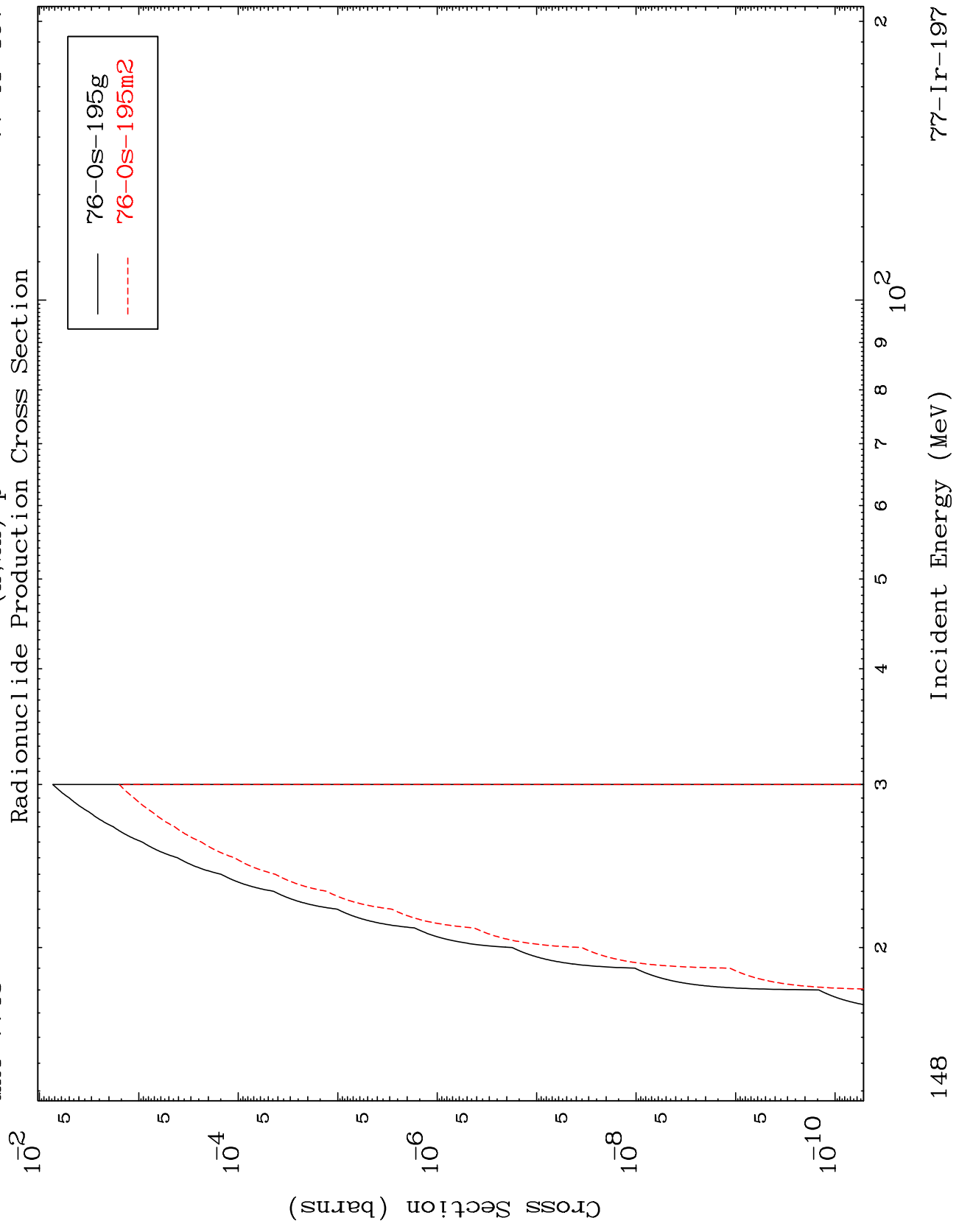
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,2n) p

77-Ir-197



148

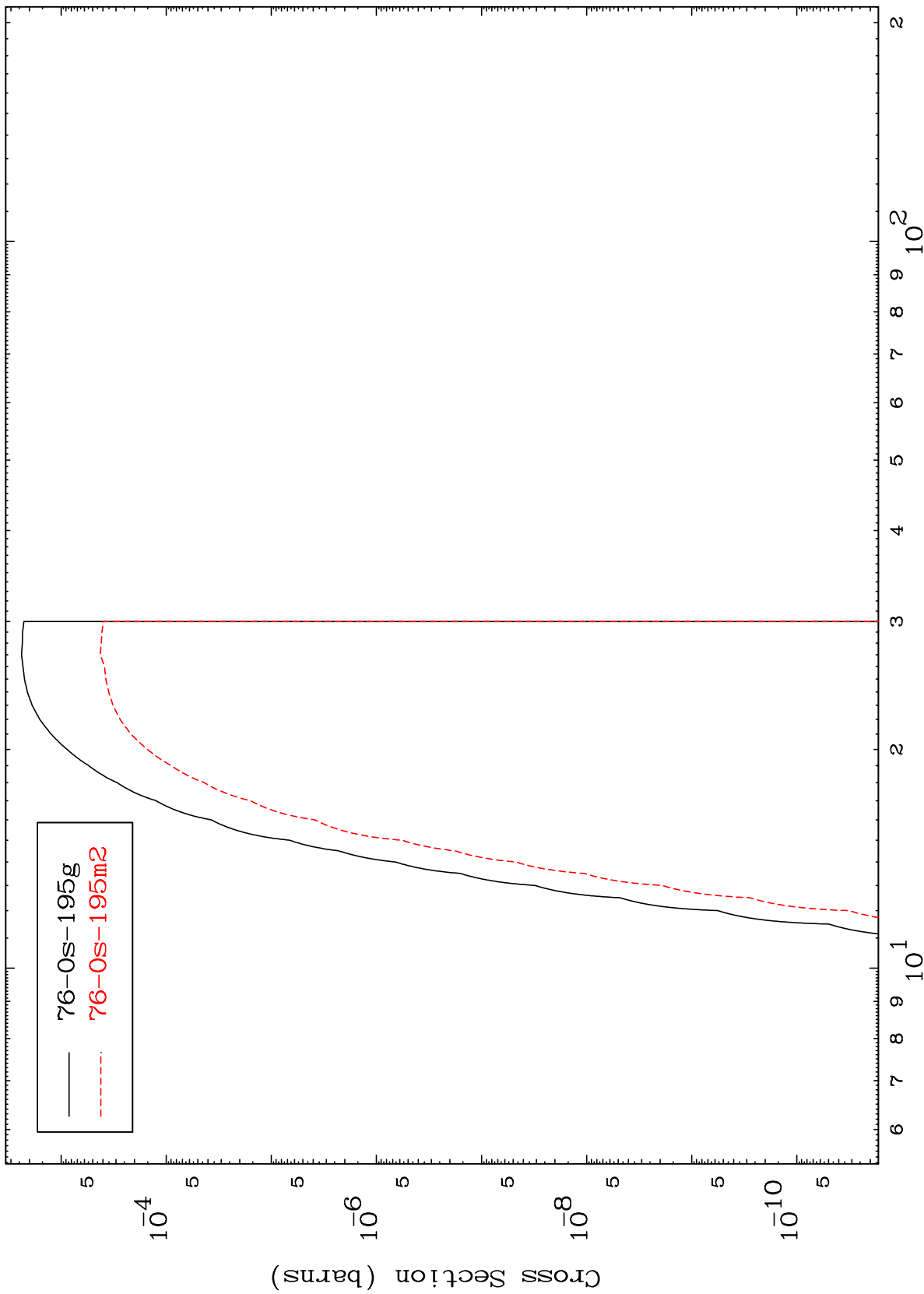
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

(n,t)  
Radionuclide Production Cross Section



76-0s-195g  
76-0s-195m2

149

Incident Energy (MeV)

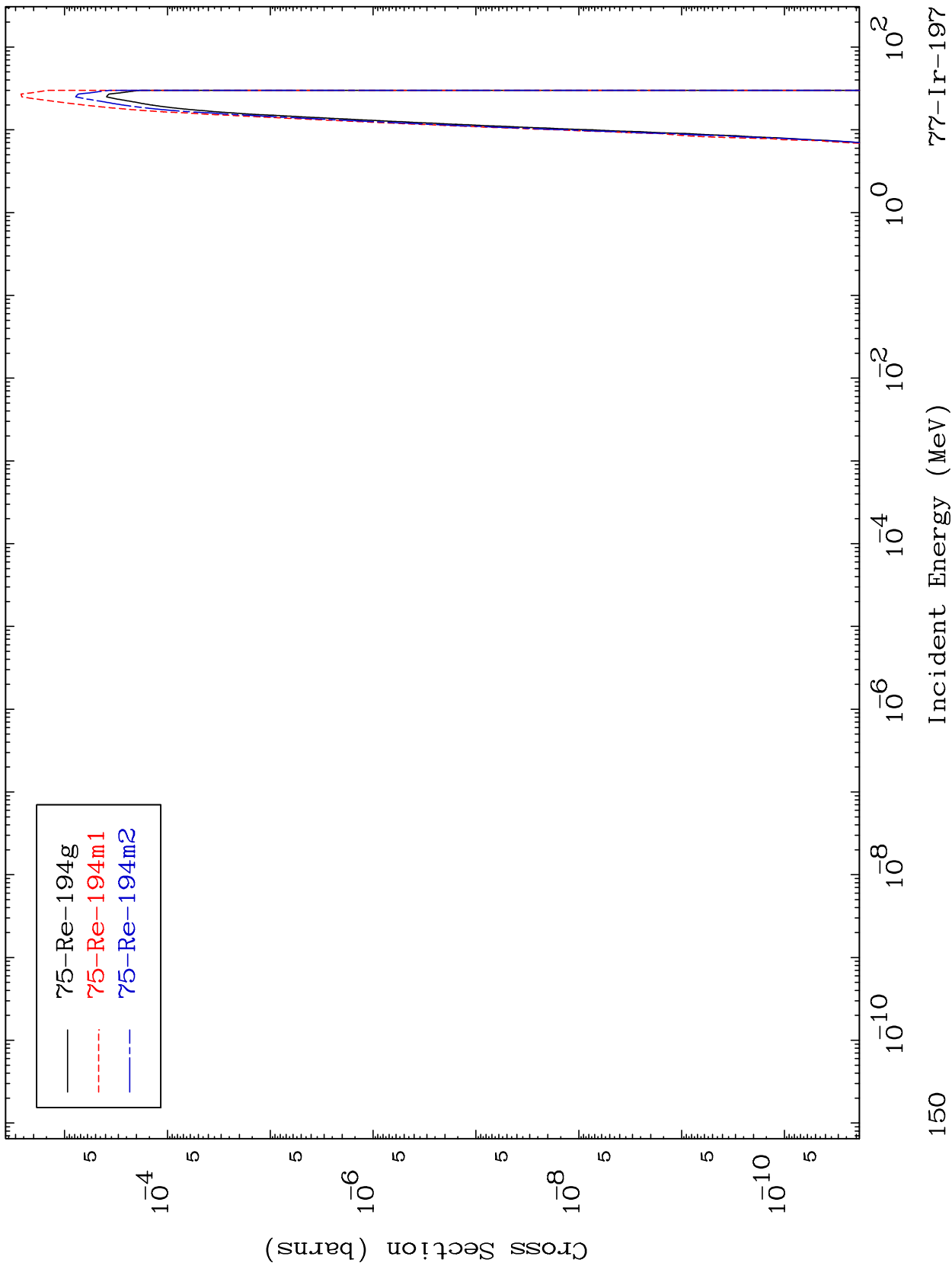
77-Ir-197

MAT 7743

(n,  $\alpha$ )

77-Ir-197

Radionuclide Production Cross Section



150

Incident Energy (MeV)

77-Ir-197