

Program EVALPLOT  
(Version 2018-1)

by

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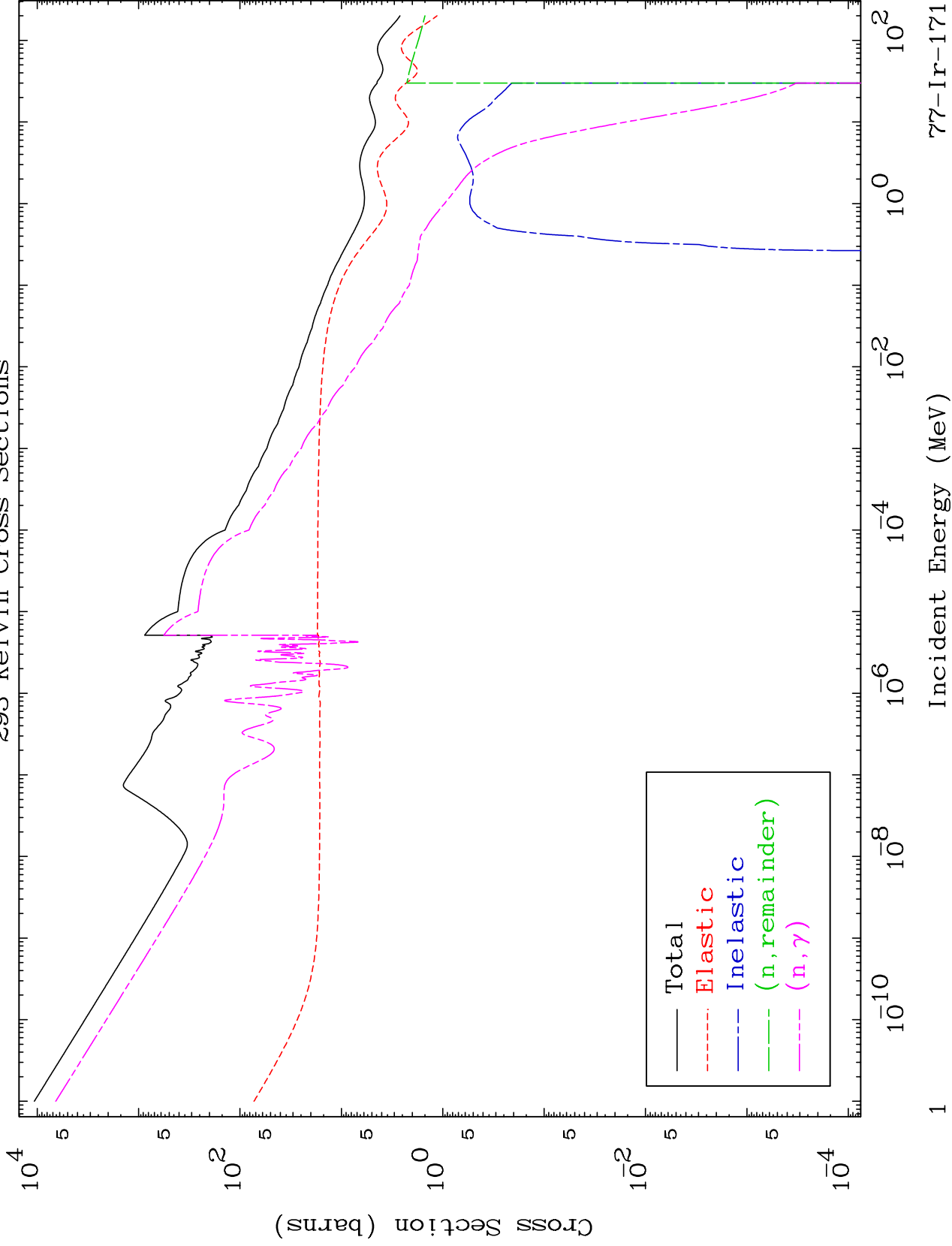
Press Mouse Button to Start

MAT 7665

Major

293 Kelvin Cross Sections

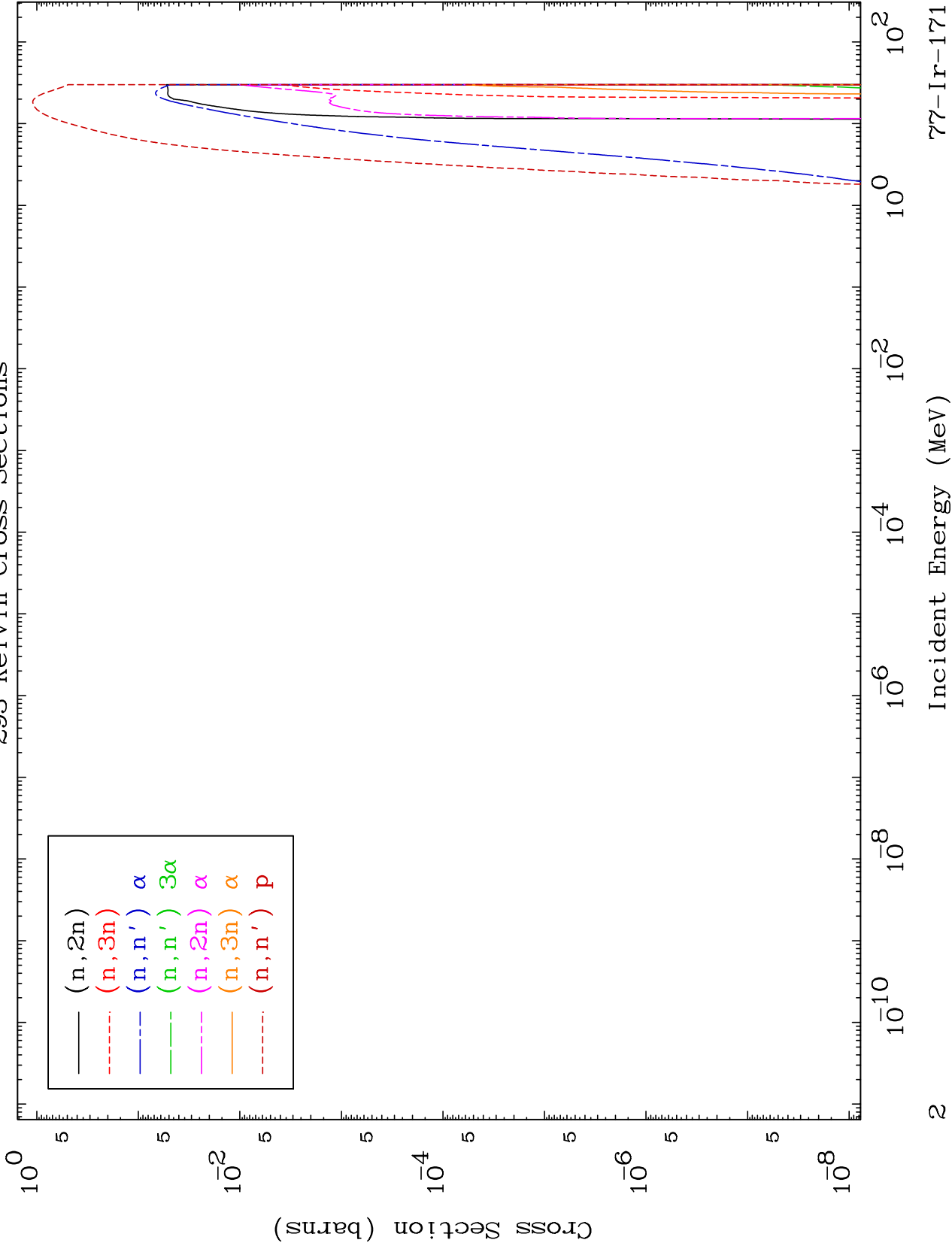
<sup>77</sup>Ir-171



MAT 7665

Neutron Production  
293 Kelvin Cross Sections

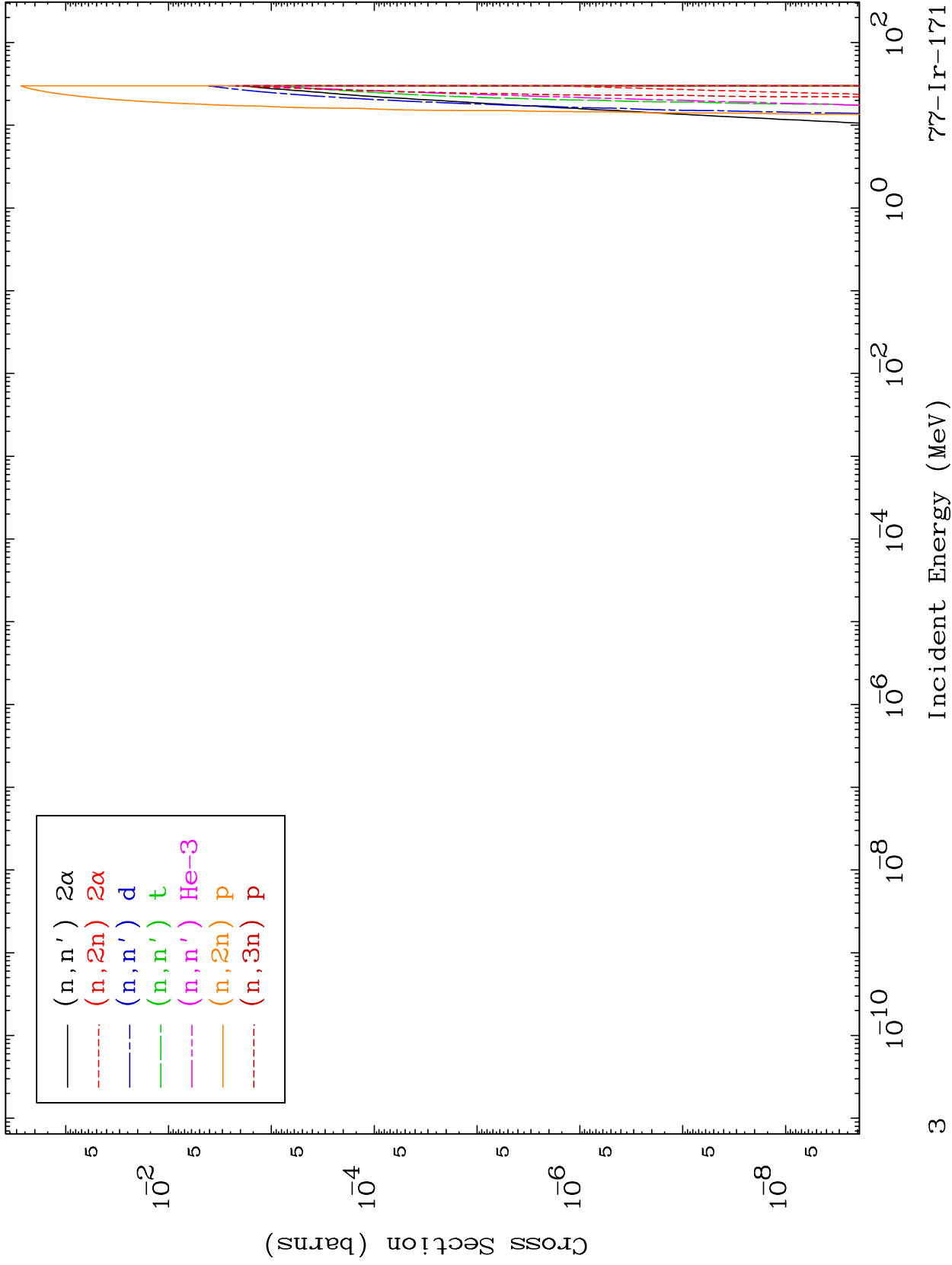
77-Ir-171



MAT 7665

Neutron Production  
293 Kelvin Cross Sections

<sup>77</sup>Ir-171

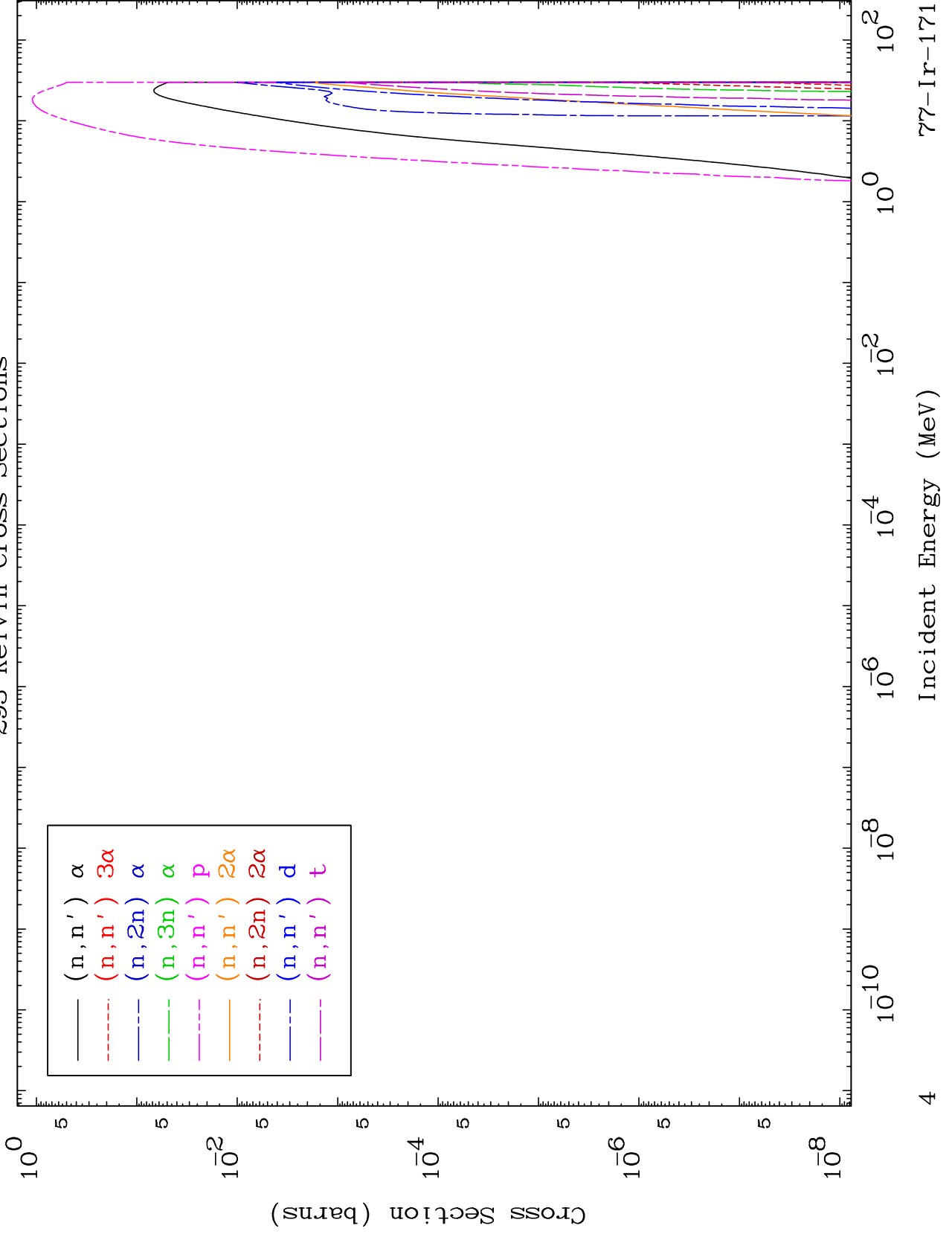


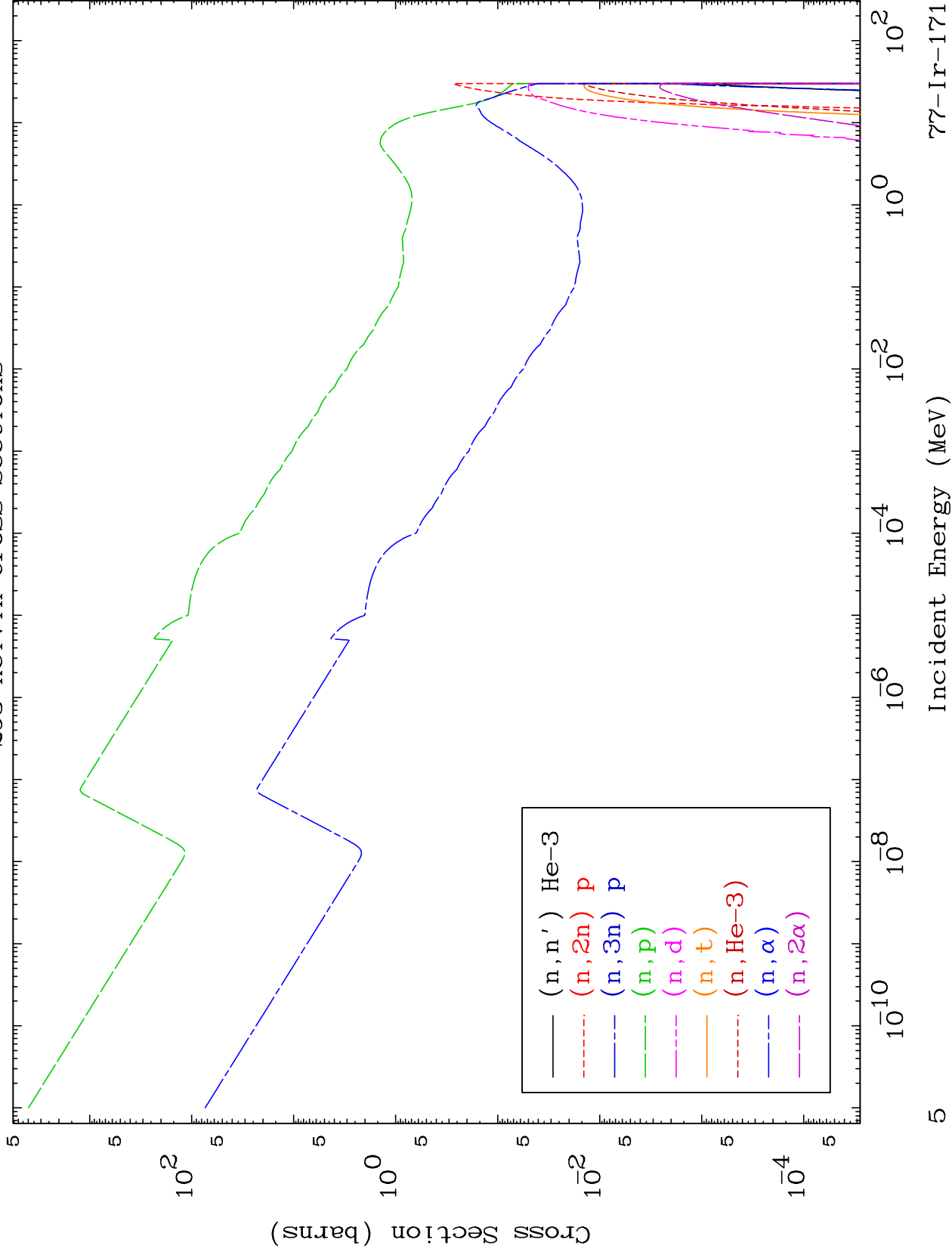
<sup>77</sup>Ir-171

MAT 7665

Charged Particle  
293 Kelvin Cross Sections

77-Ir-171

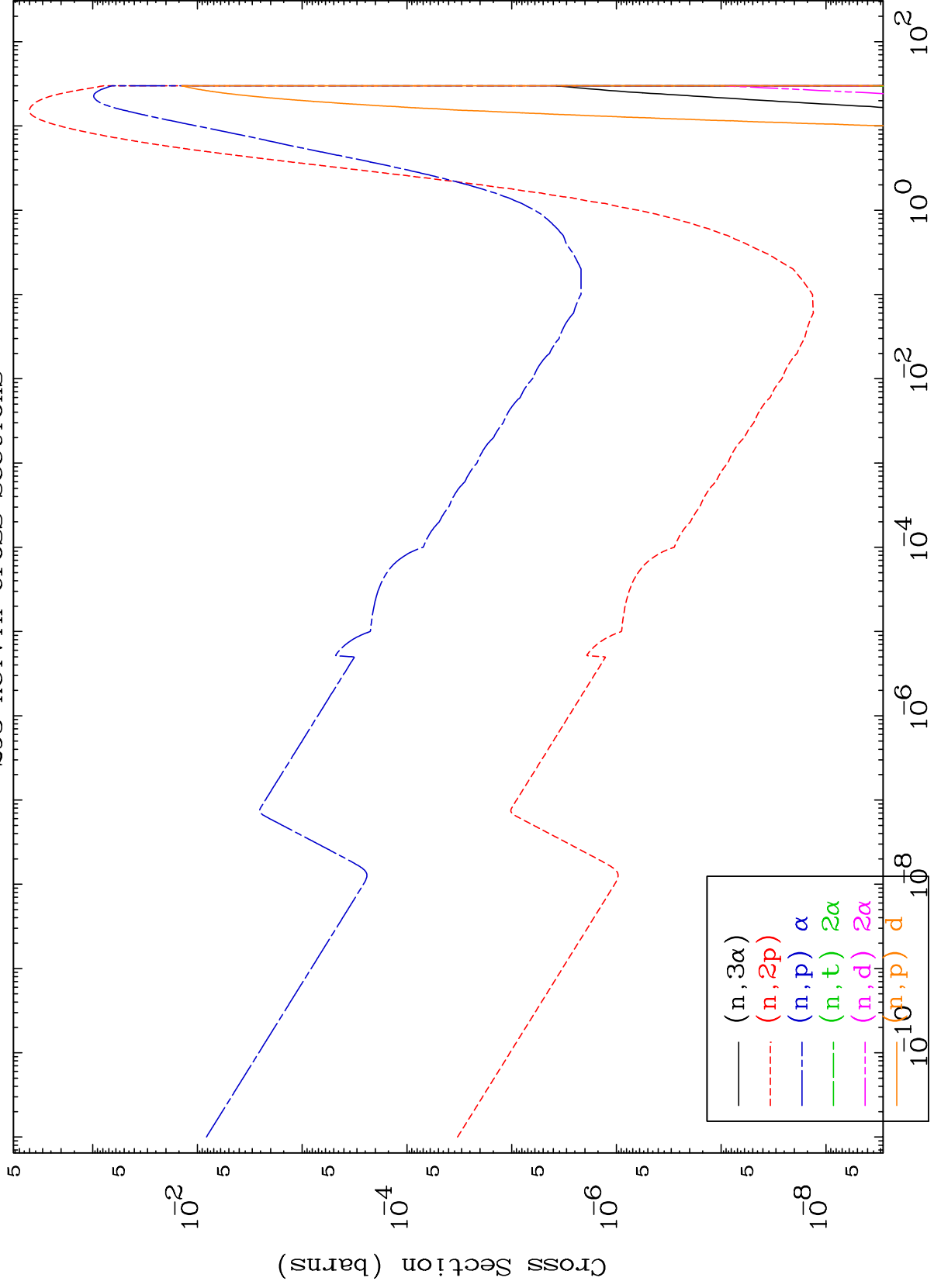


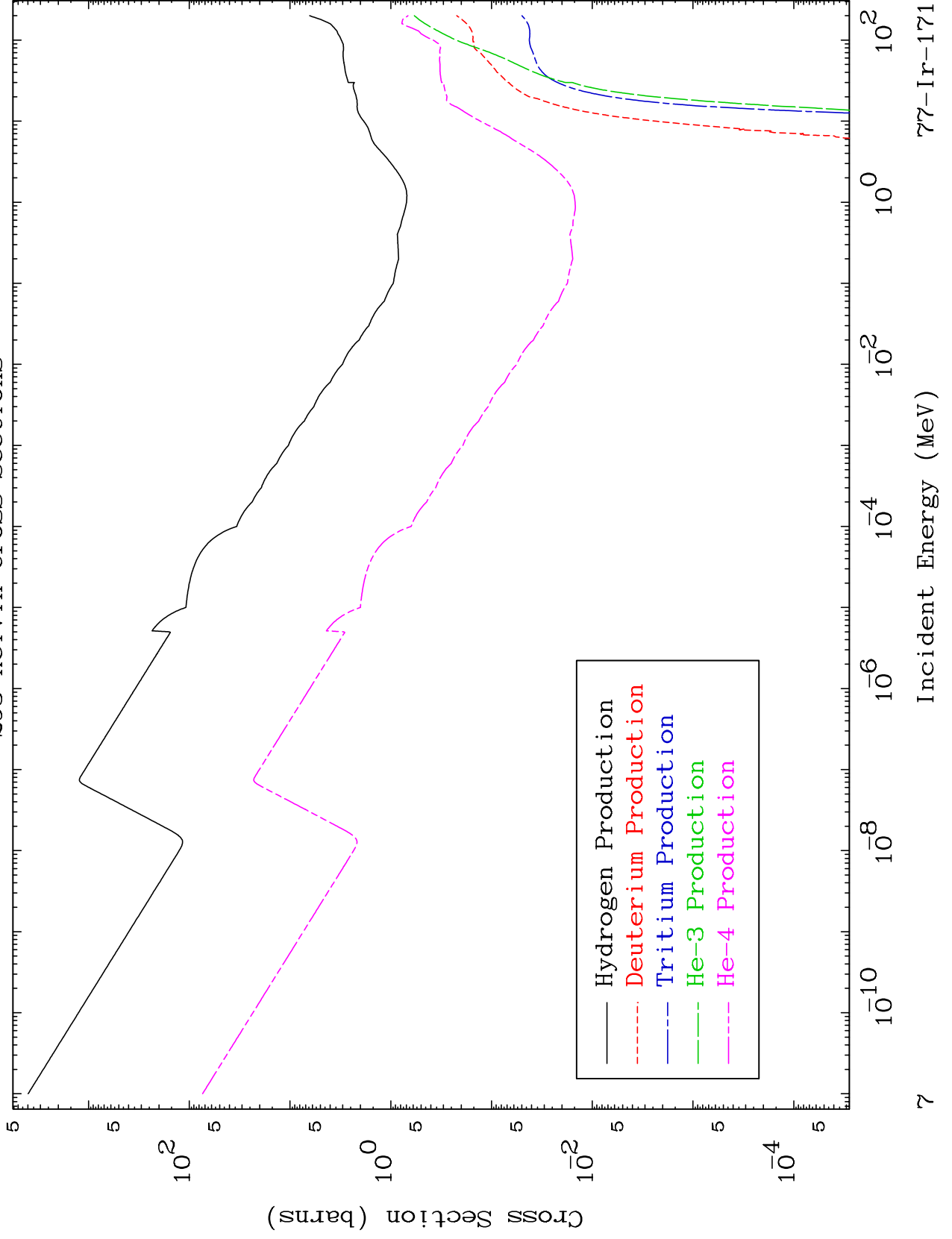


MAT 7665

Charged Particle  
293 Kelvin Cross Sections

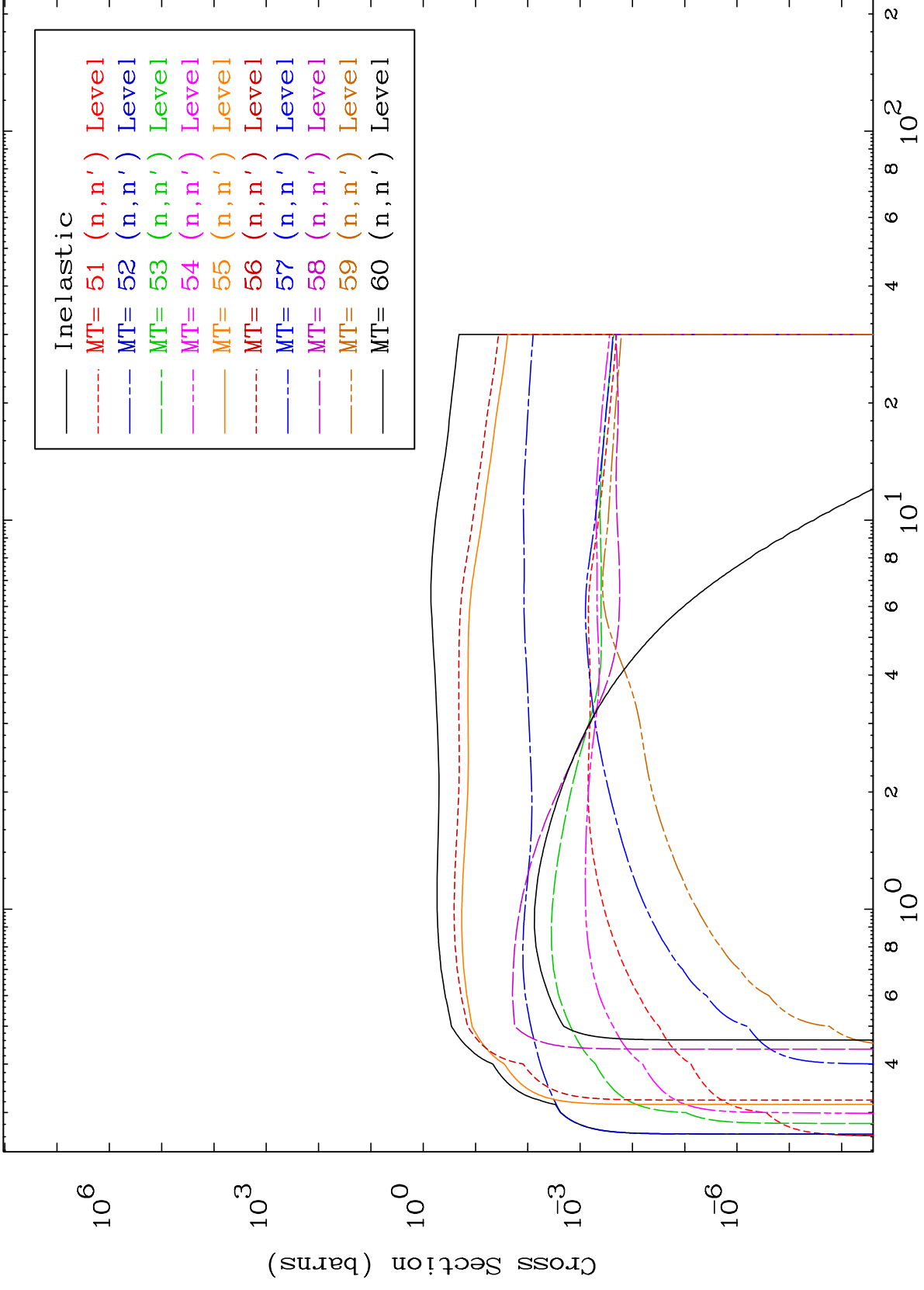
<sup>77</sup>Ir-171







293 Kelvin Cross Sections

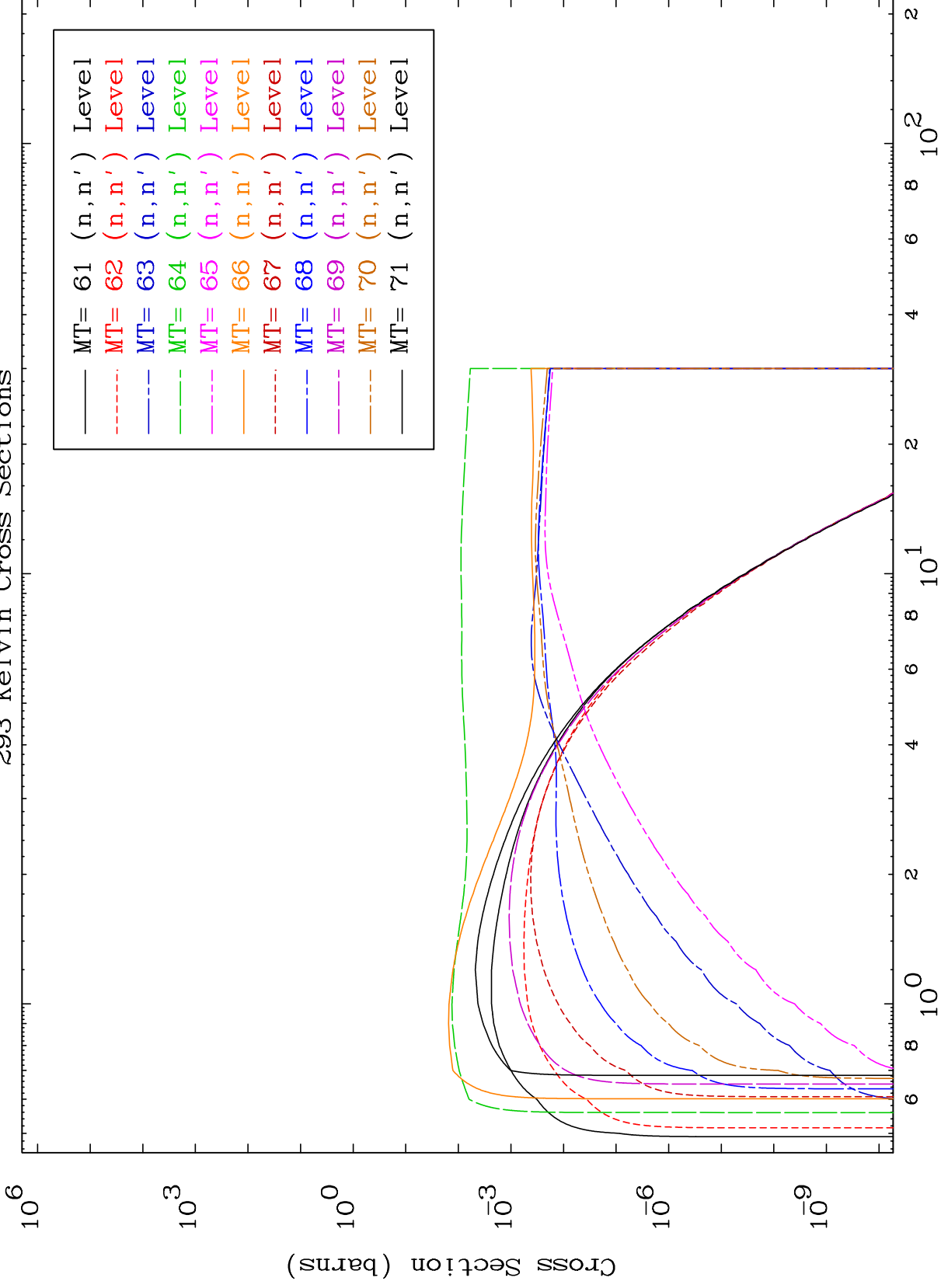


MAT 7665

(n,n') Level

293 Kelvin Cross Sections

77-Ir-171



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Incident Energy (MeV)

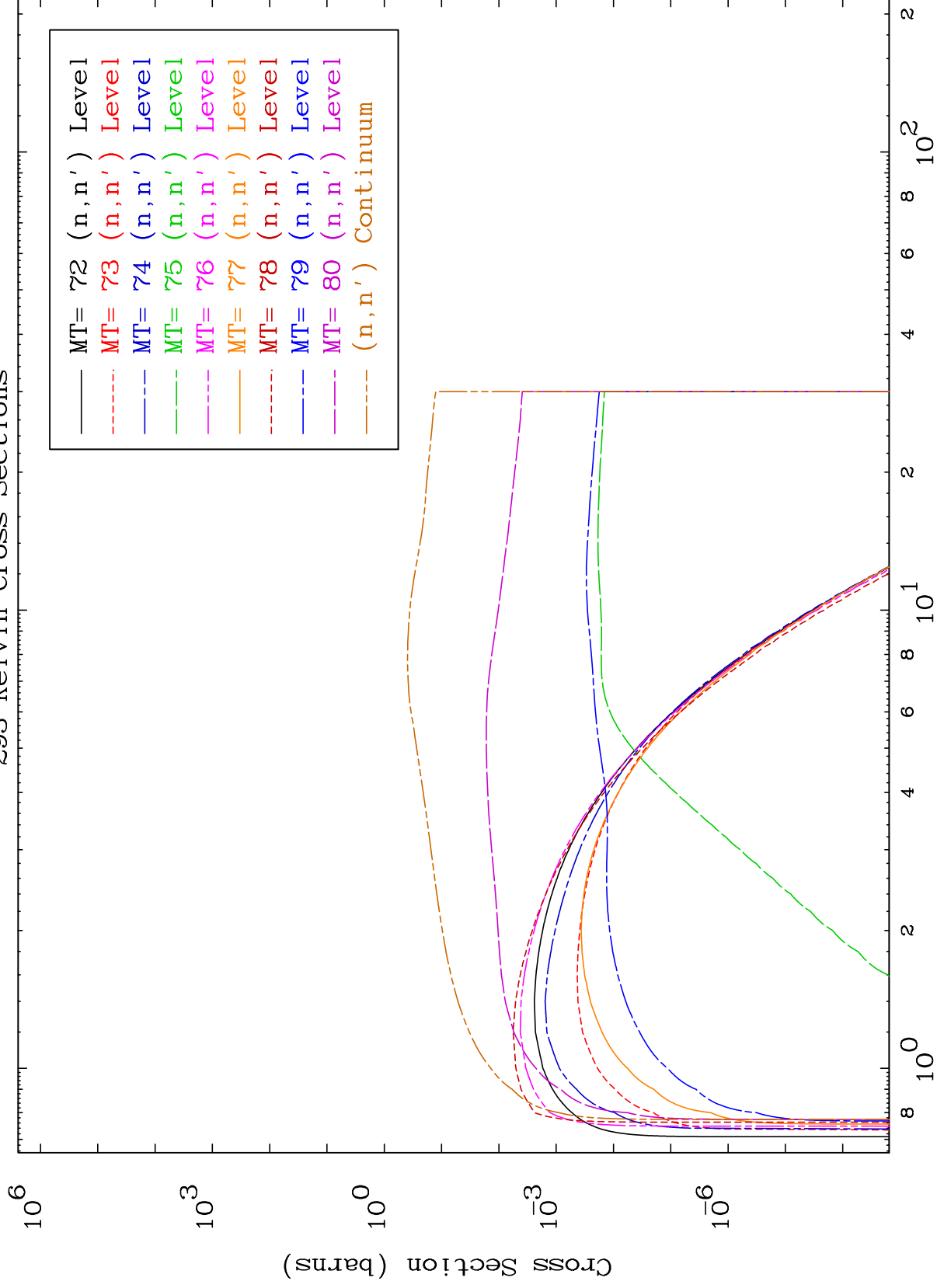
77-Ir-171

MAT 7665

(n,n') Level

77-Ir-171

293 Kelvin Cross Sections



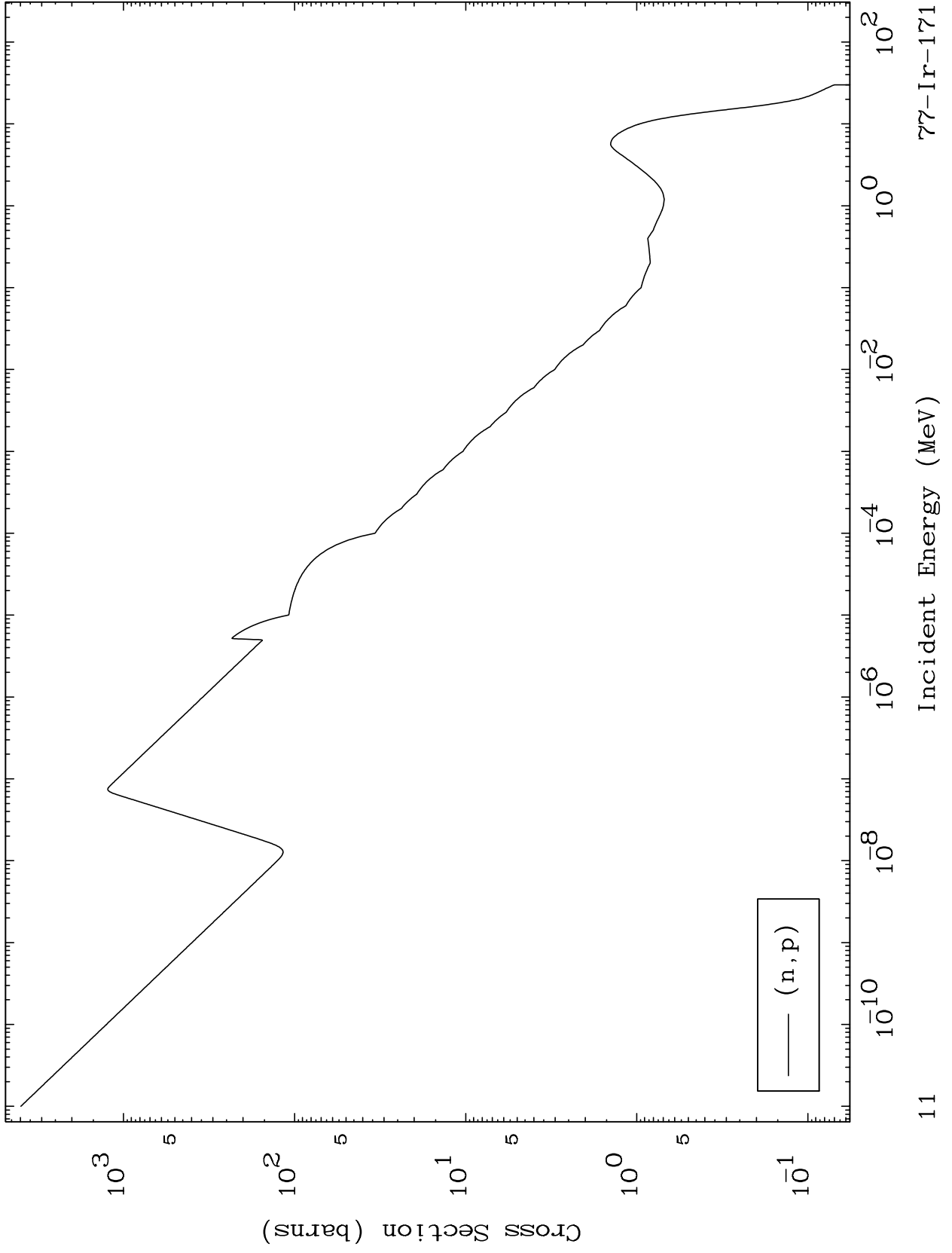
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,p) Levels  
293 Kelvin Cross Sections

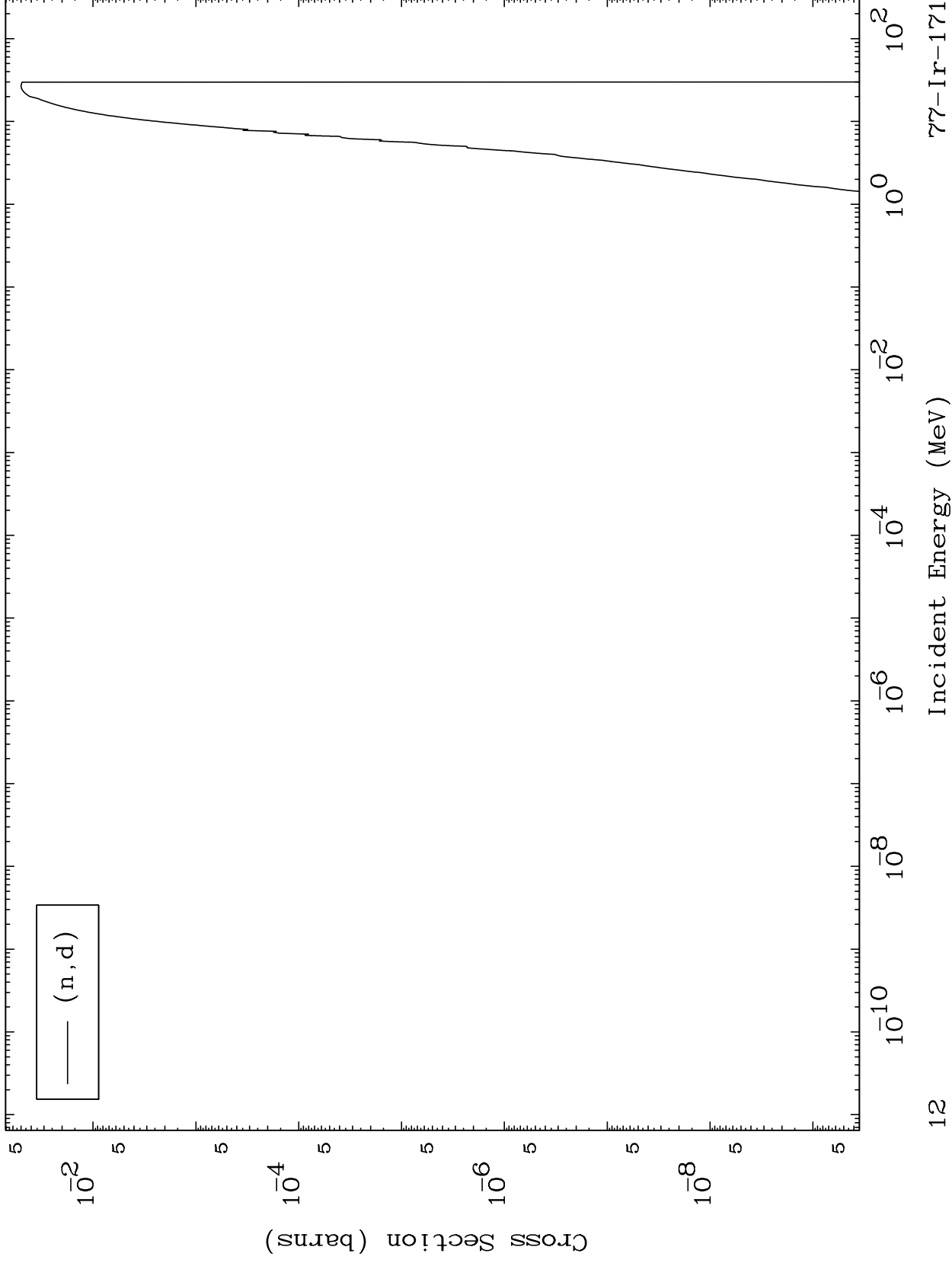
77-Ir-171



MAT 7665

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-171



12

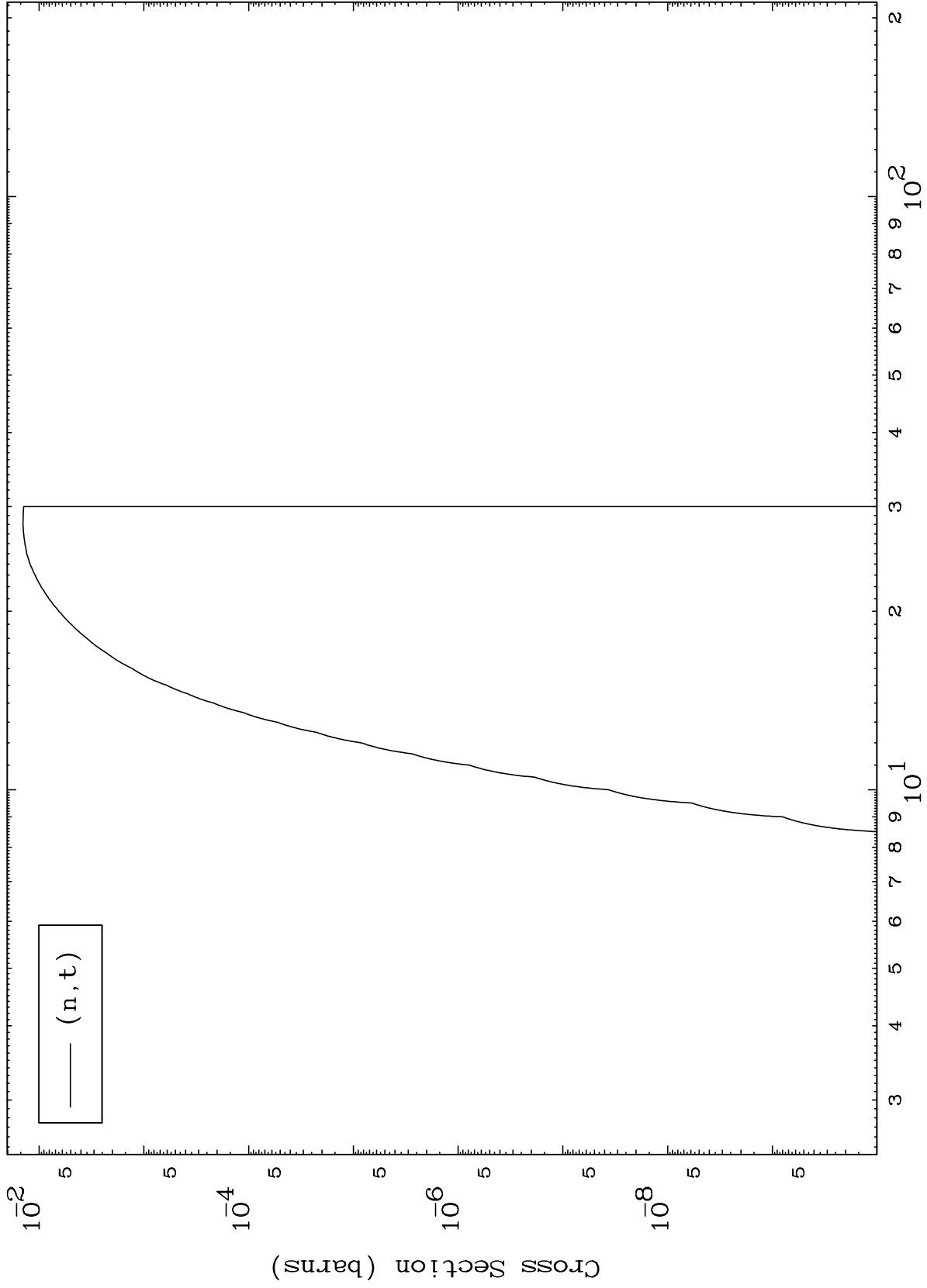
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-171



13

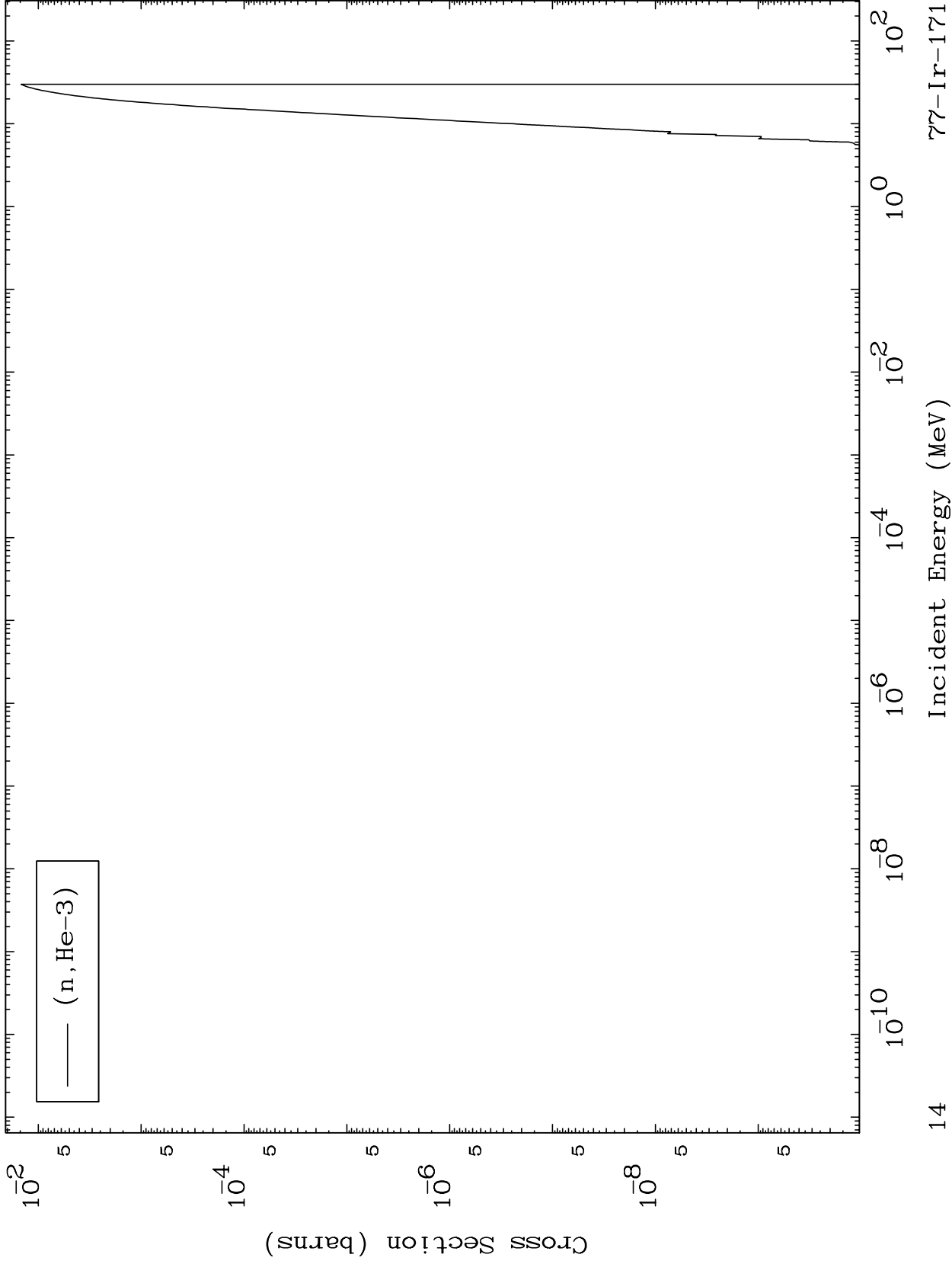
Incident Energy (MeV)

77-Ir-171

MAT 7665

(n,He3) Levels  
293 Kelvin Cross Sections

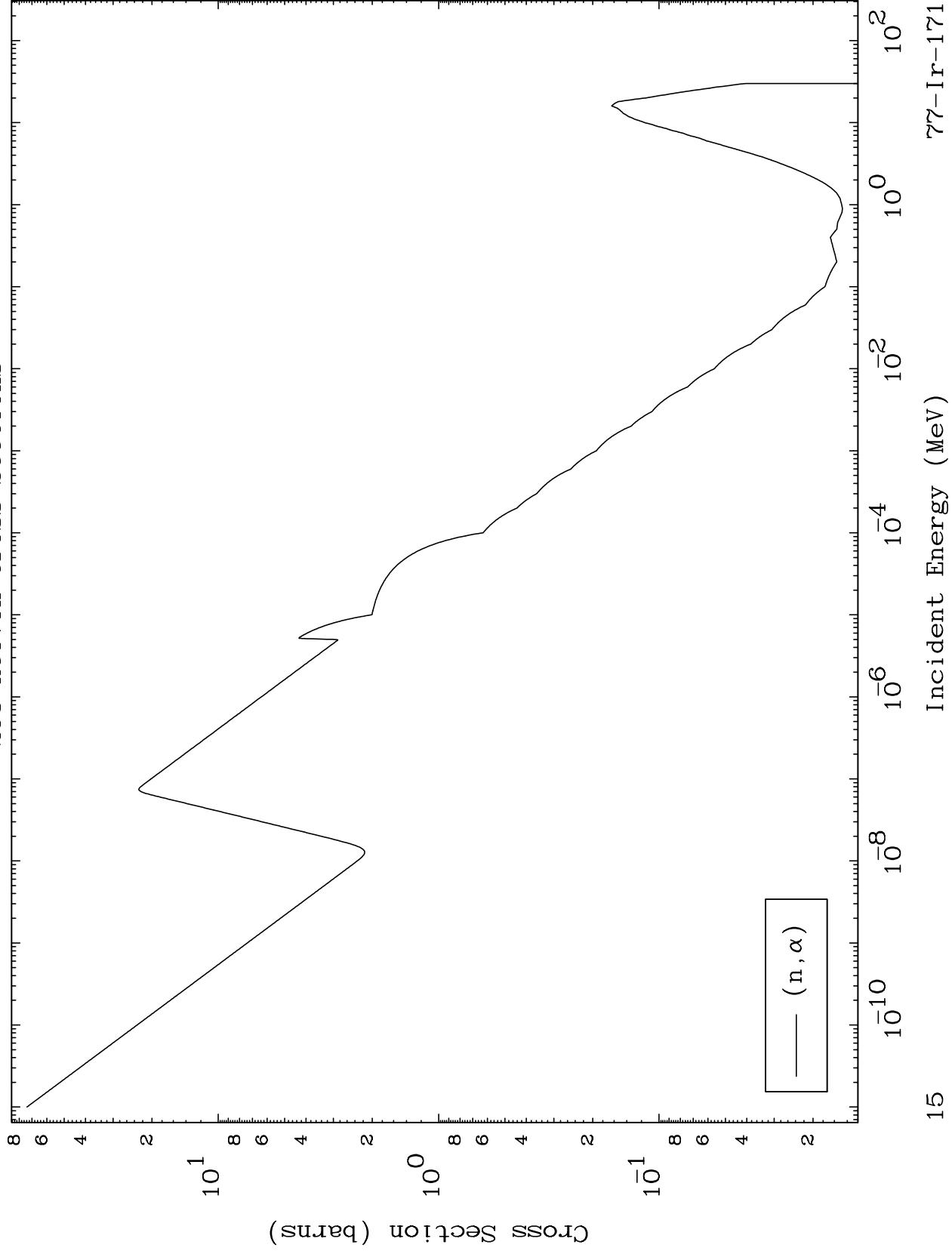
77-Ir-171



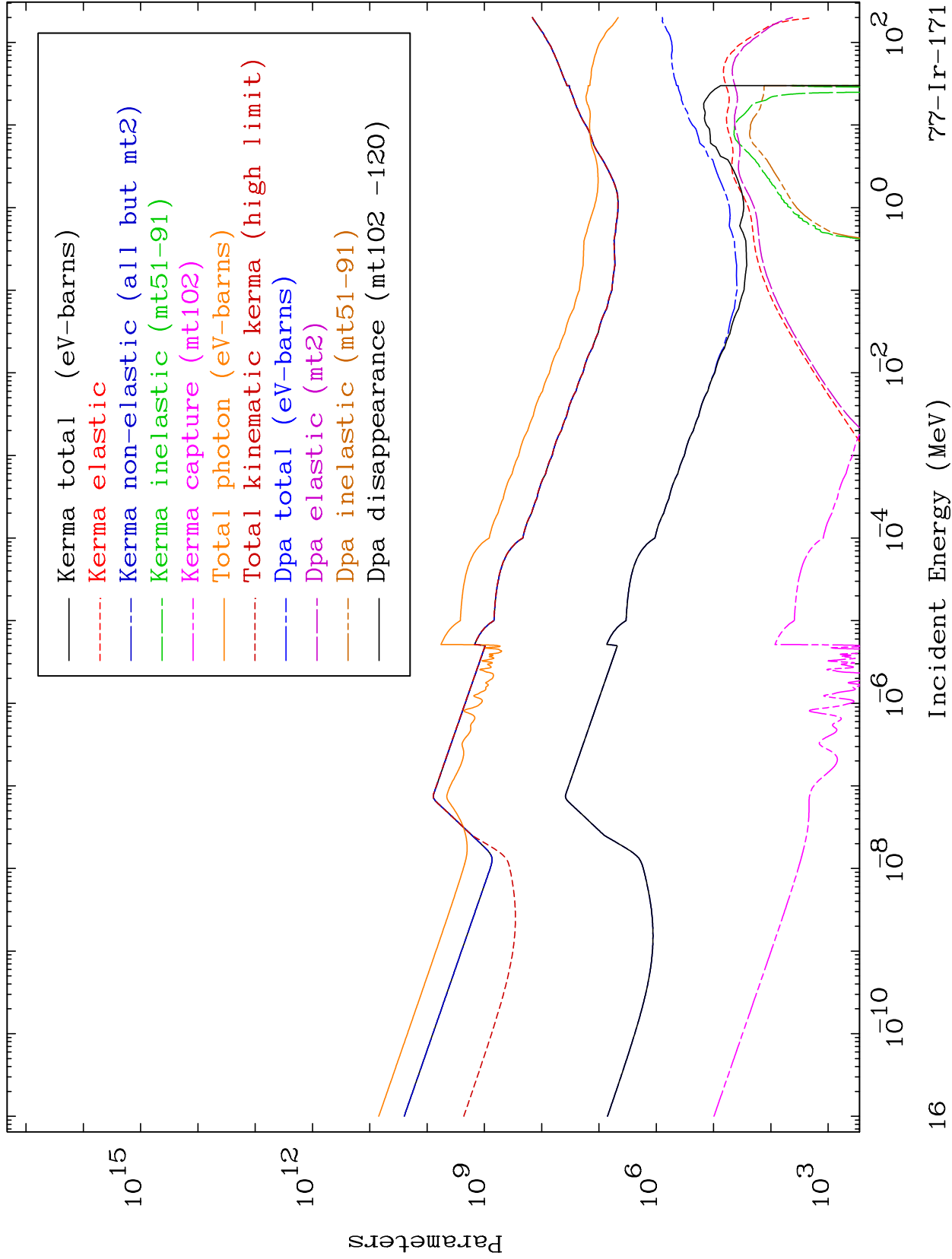
MAT 7665

(n,α) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-171



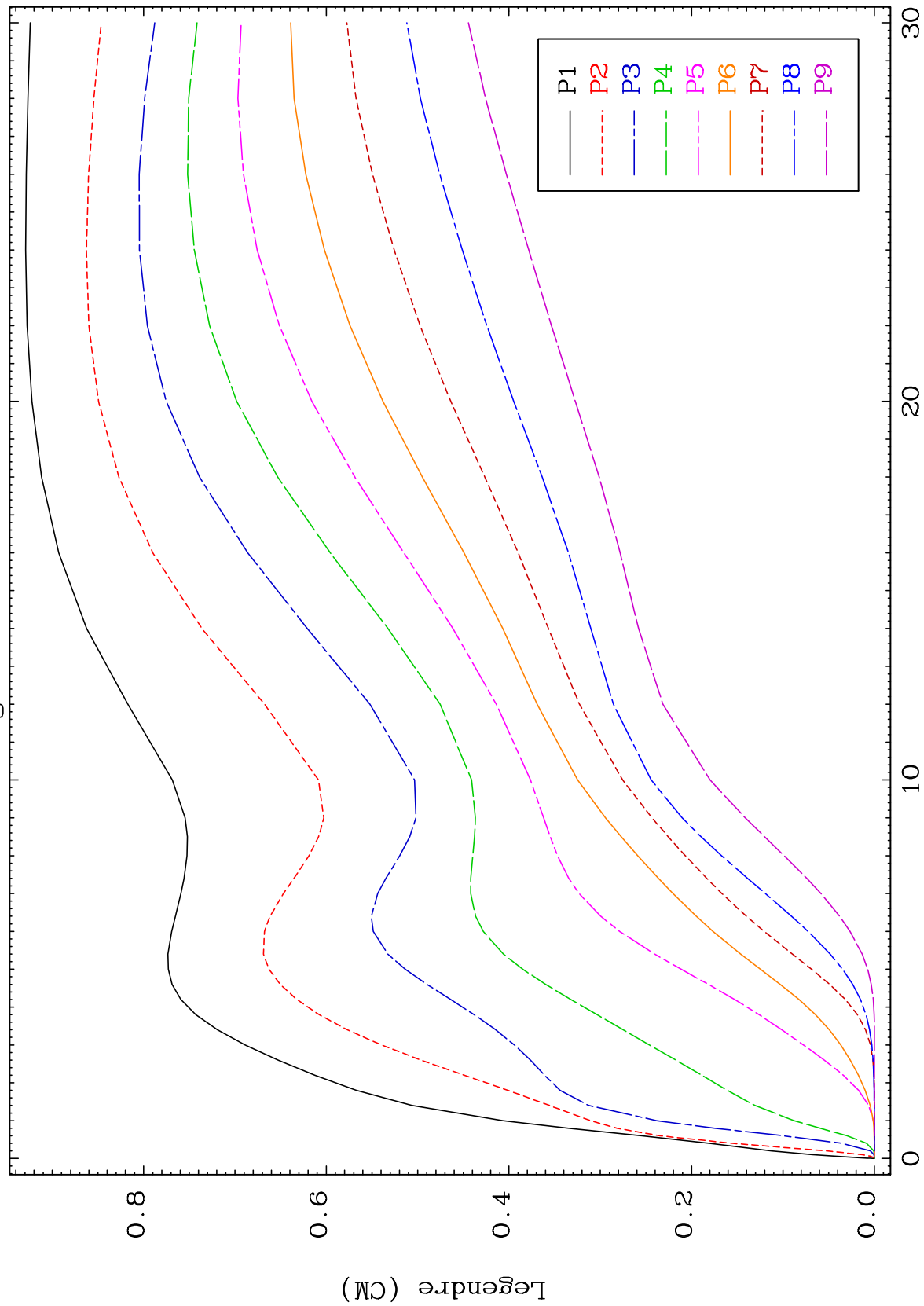




MAT 7665

Elastic Legendre Coefficients

<sup>77</sup>Ir-171



17

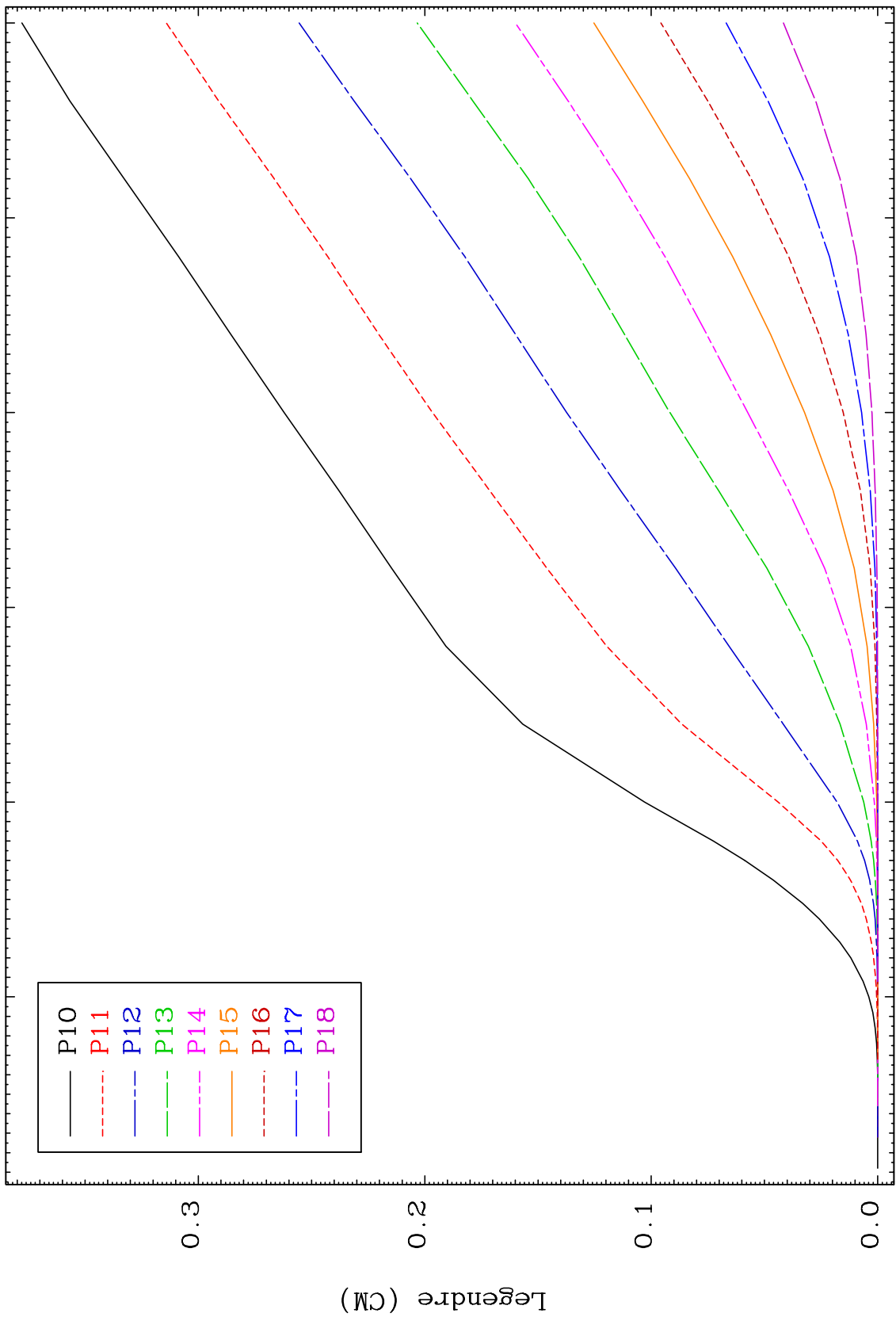
Incident Energy (MeV)

<sup>77</sup>Ir-171

MAT 7665

Elastic Legendre Coefficients

<sup>77</sup>Ir-171



18

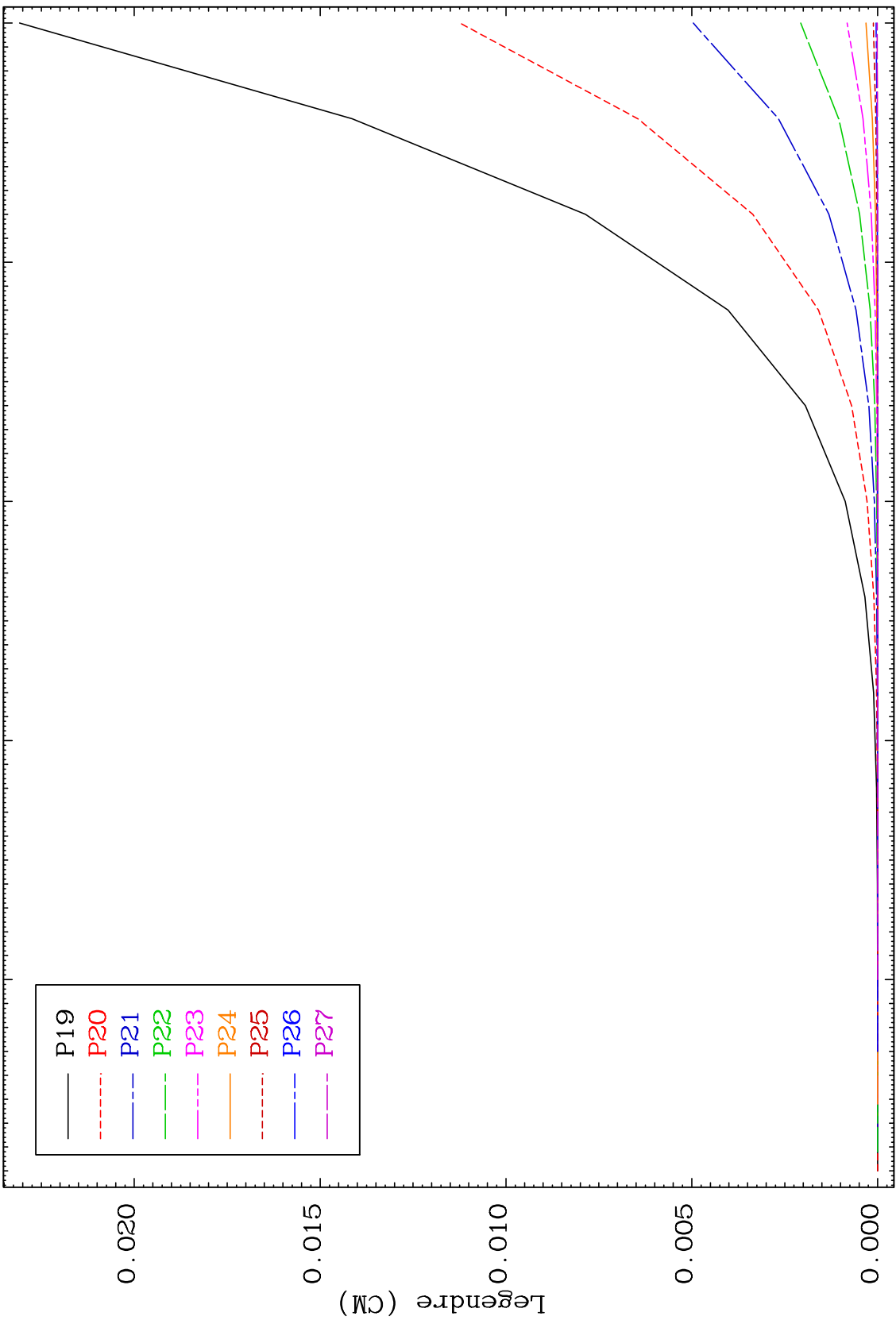
Incident Energy (MeV)

<sup>77</sup>Ir-171

MAT 7665

Elastic Legendre Coefficients

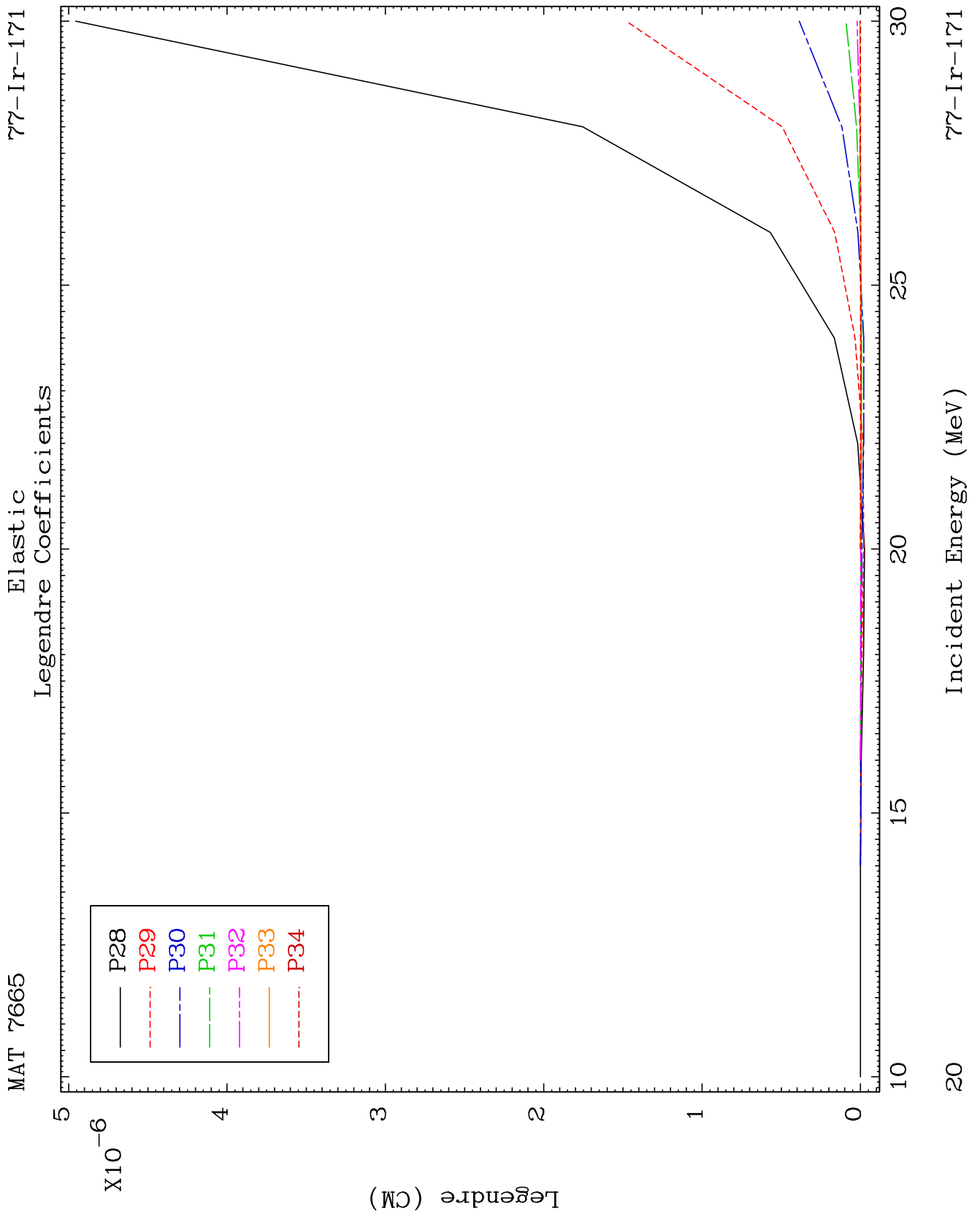
77-Ir-171



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Incident Energy (MeV)

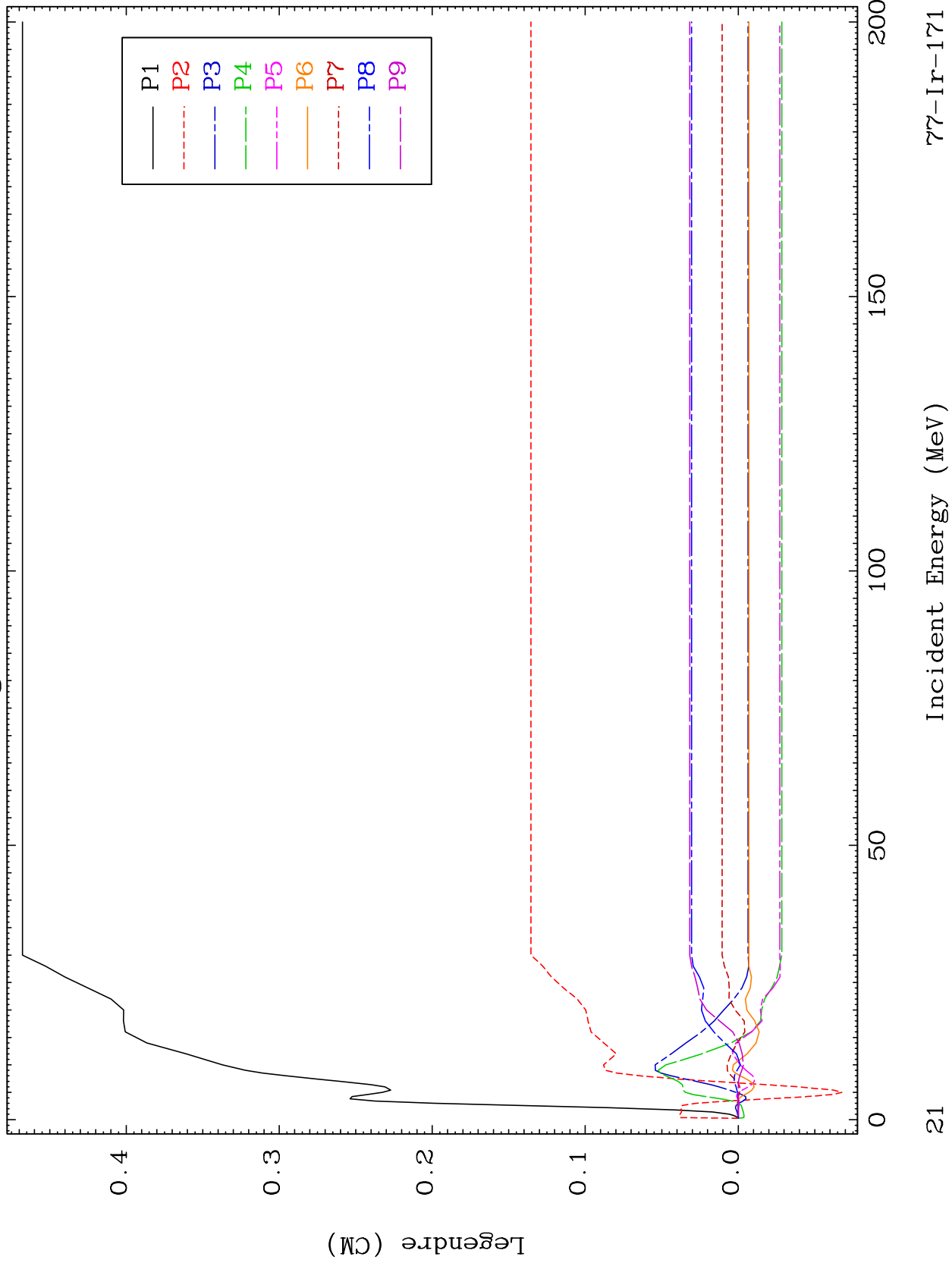
77-Ir-171



MAT 7665

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

77-Ir-171



77-Ir-171

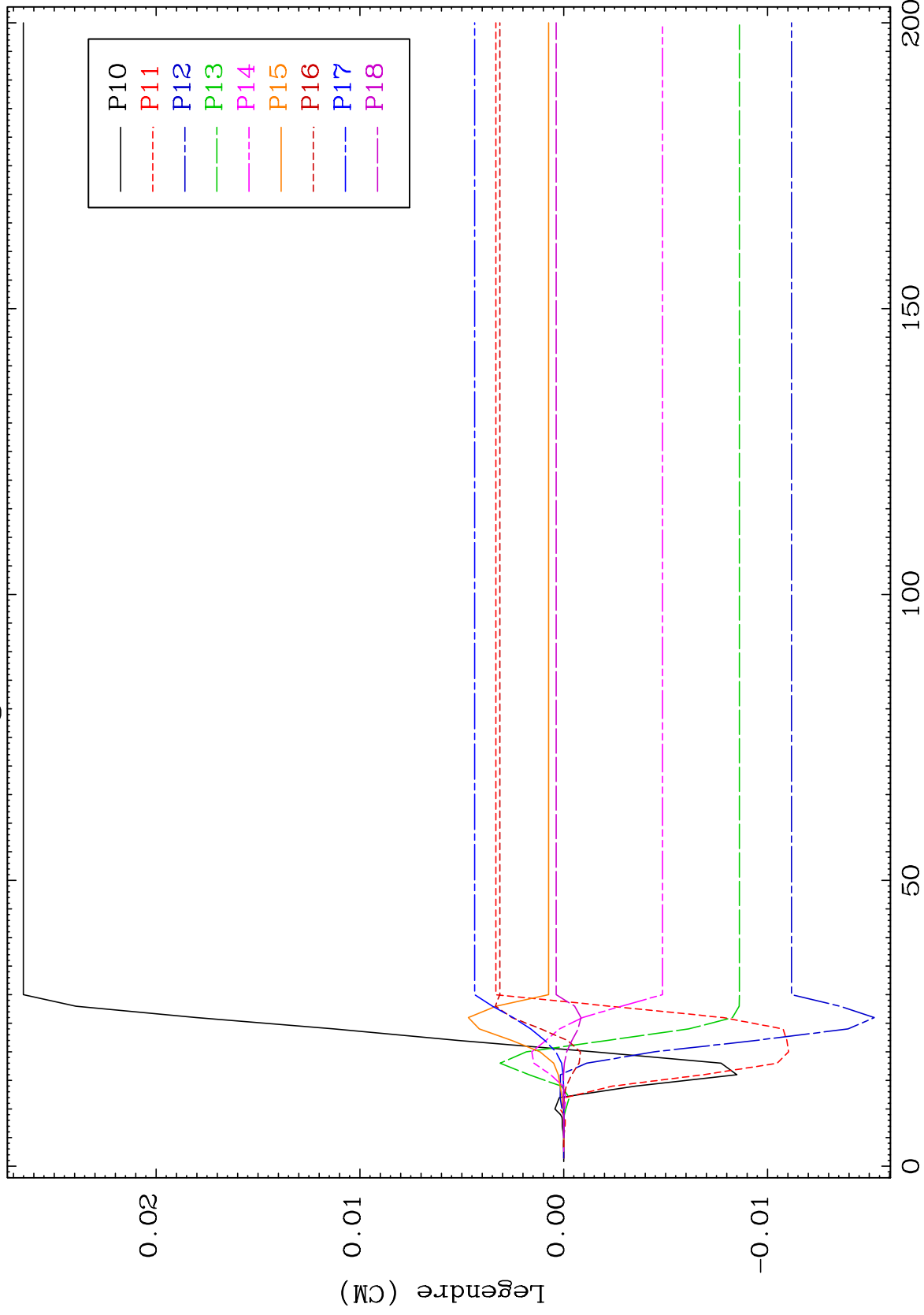
Incident Energy (MeV)

21

MAT 7665

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

77-Ir-171



22

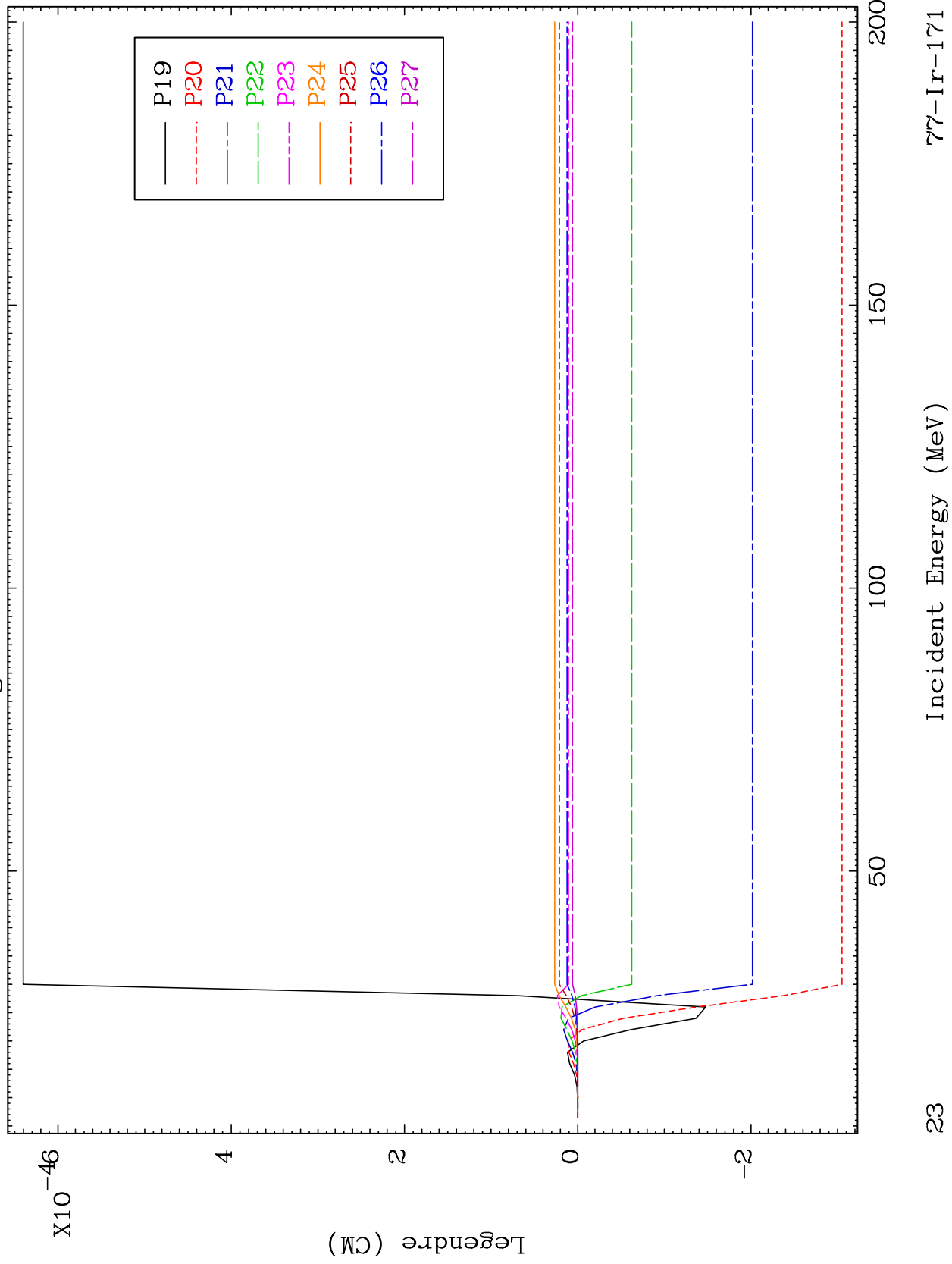
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



23

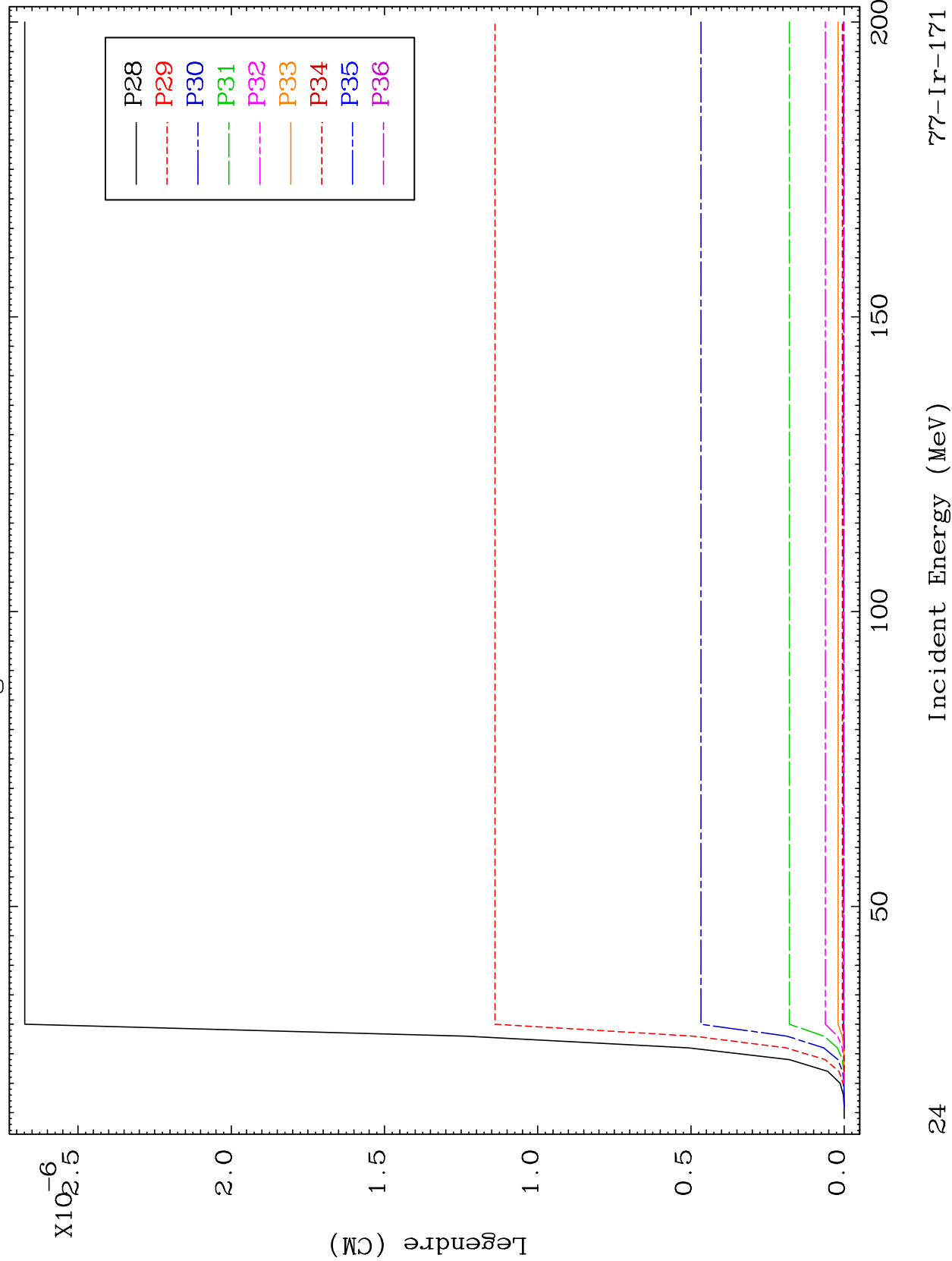
77-Ir-171



MAT 7665

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

77-Ir-171

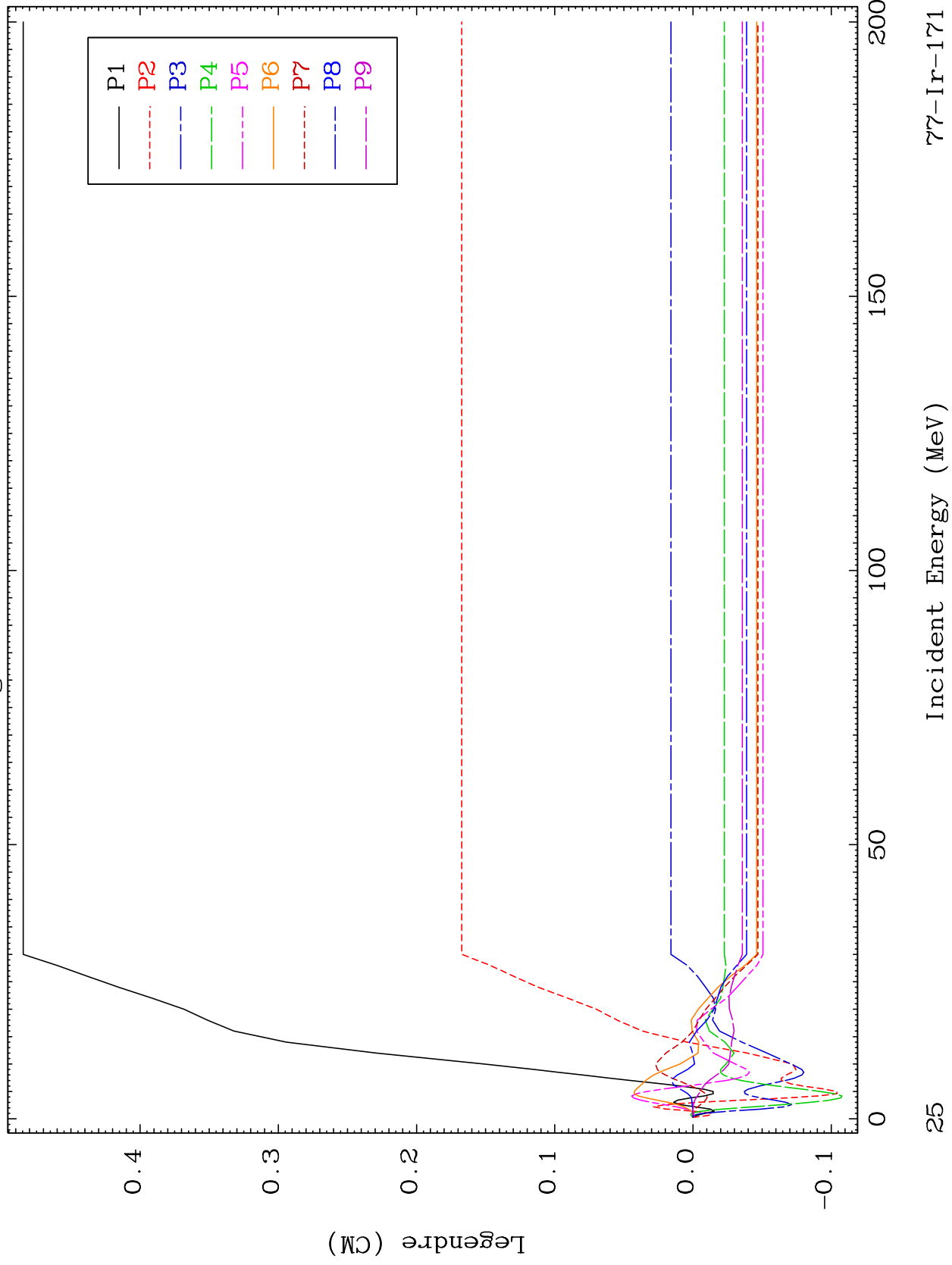


24

MAT 7665

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

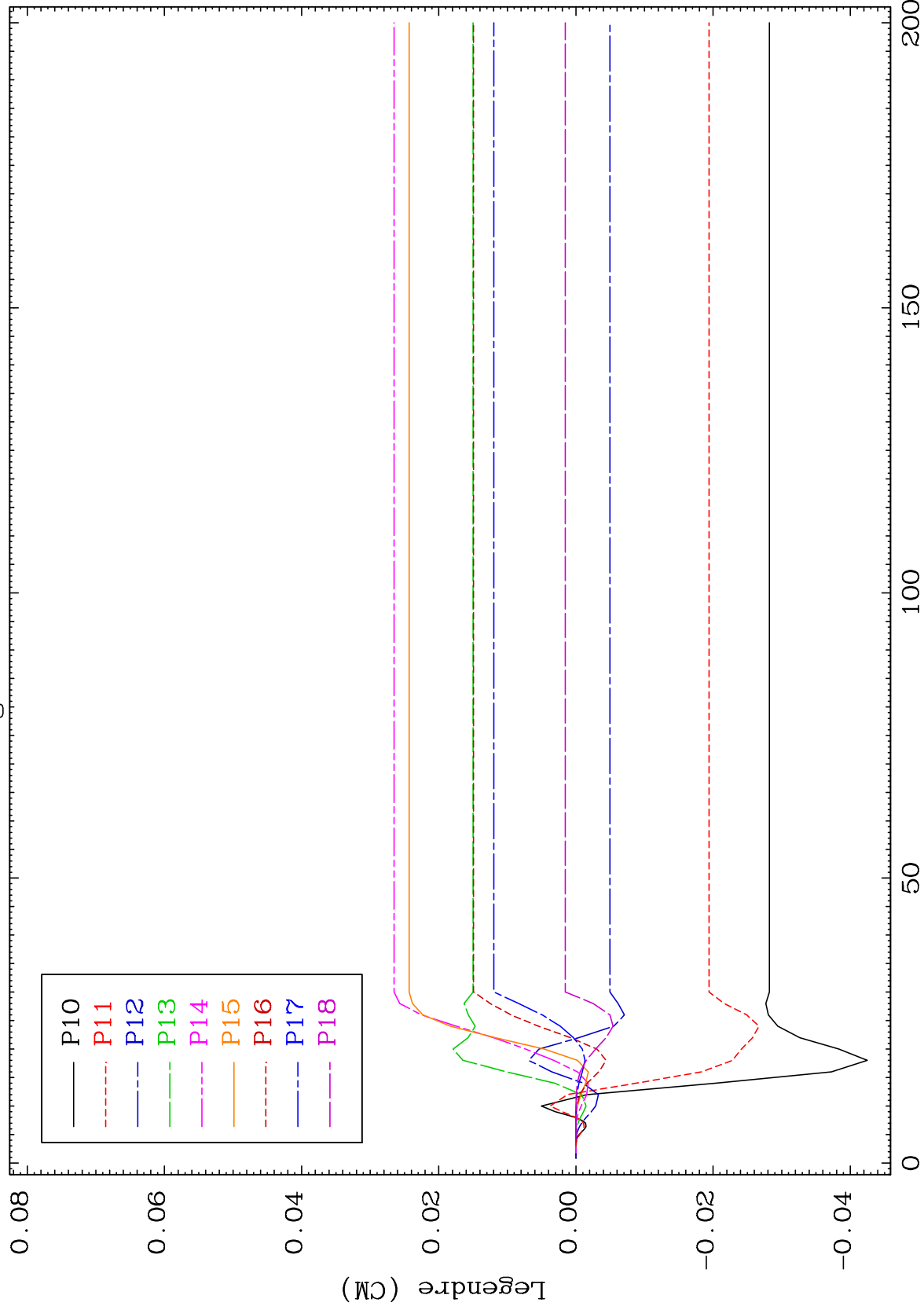
77-Ir-171



77-Ir-171

Incident Energy (MeV)

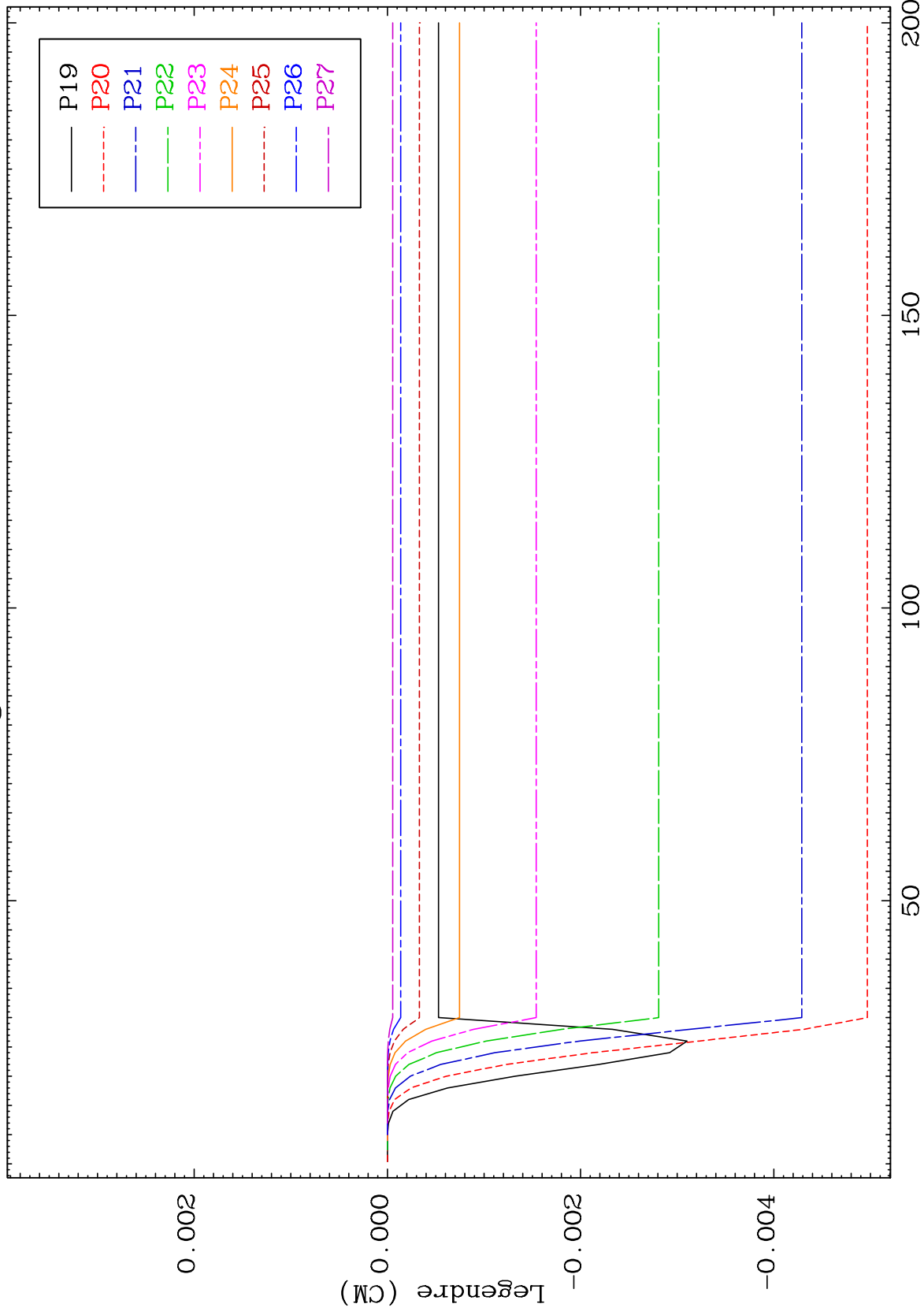
25



MAT 7665

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

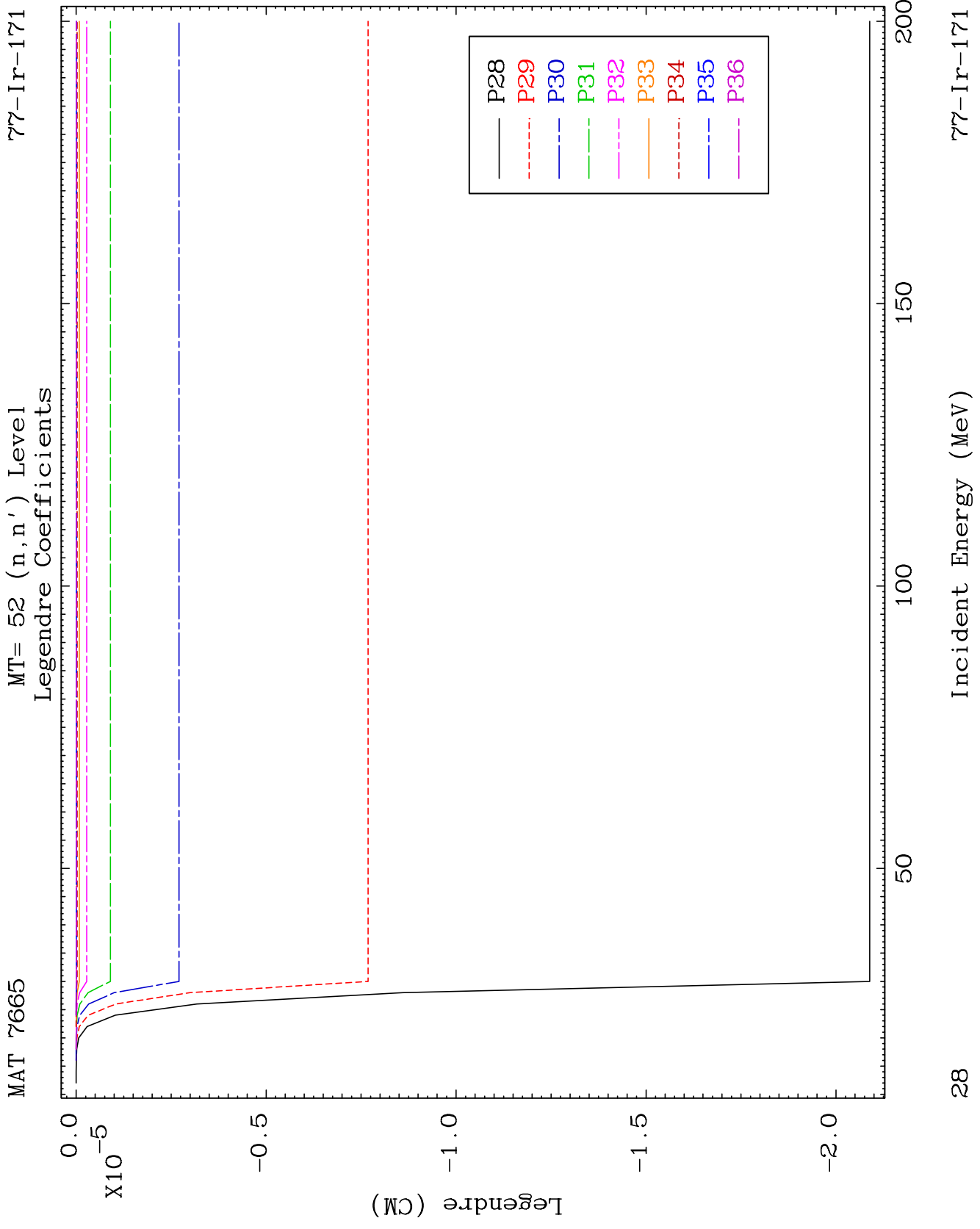
77-Ir-171



27

Incident Energy (MeV)

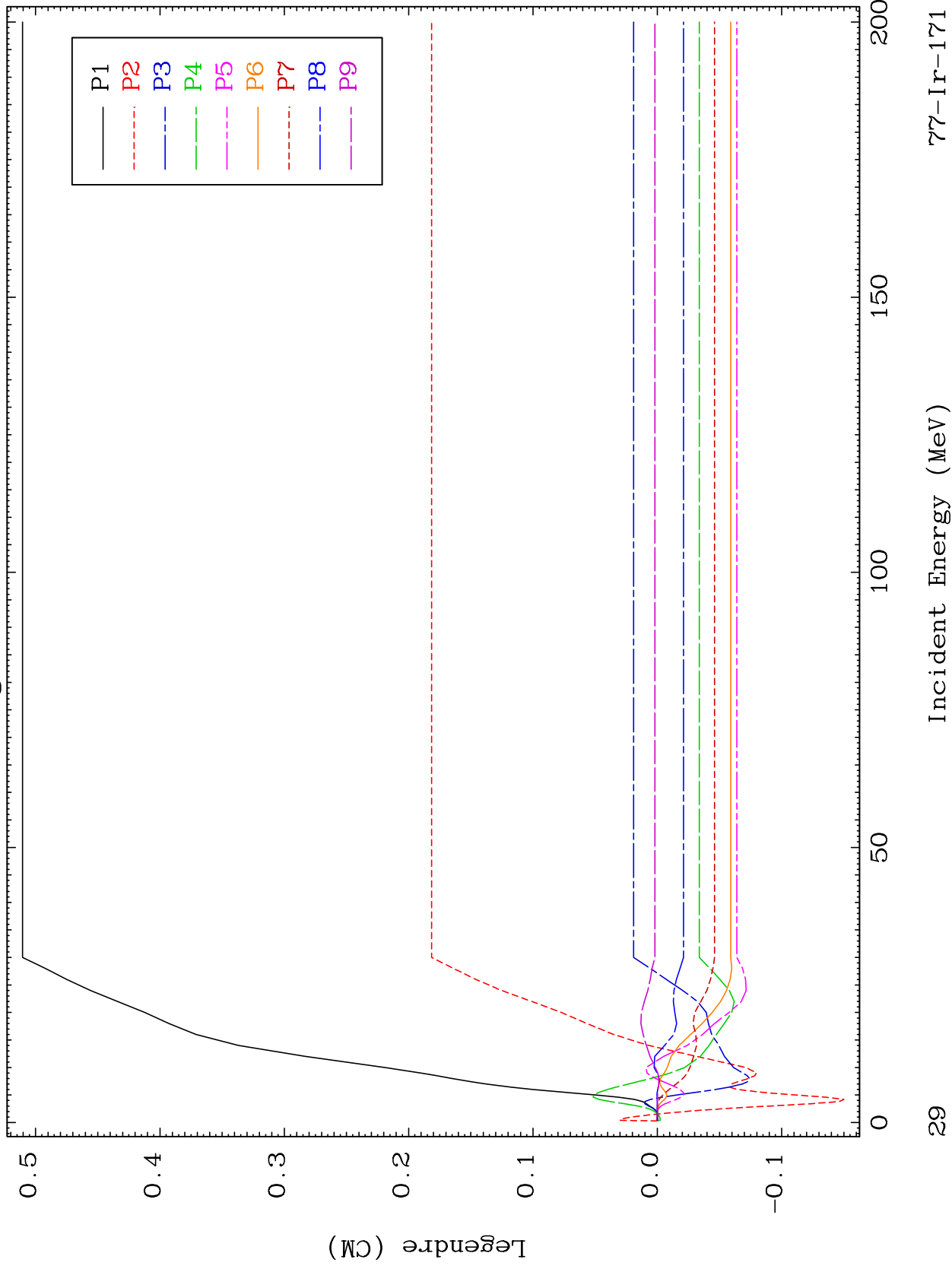
77-Ir-171

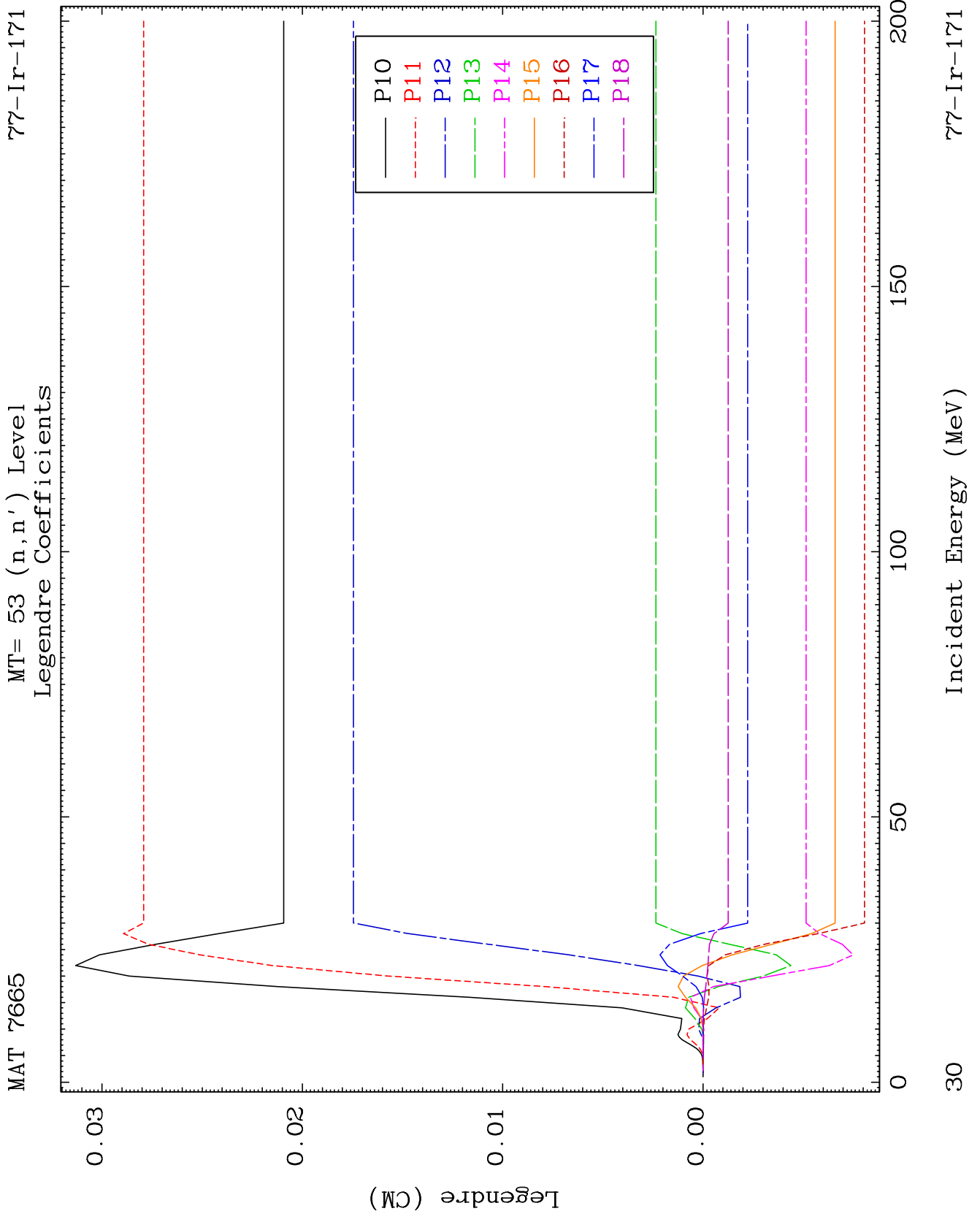


MAT 7665

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

77-Ir-171

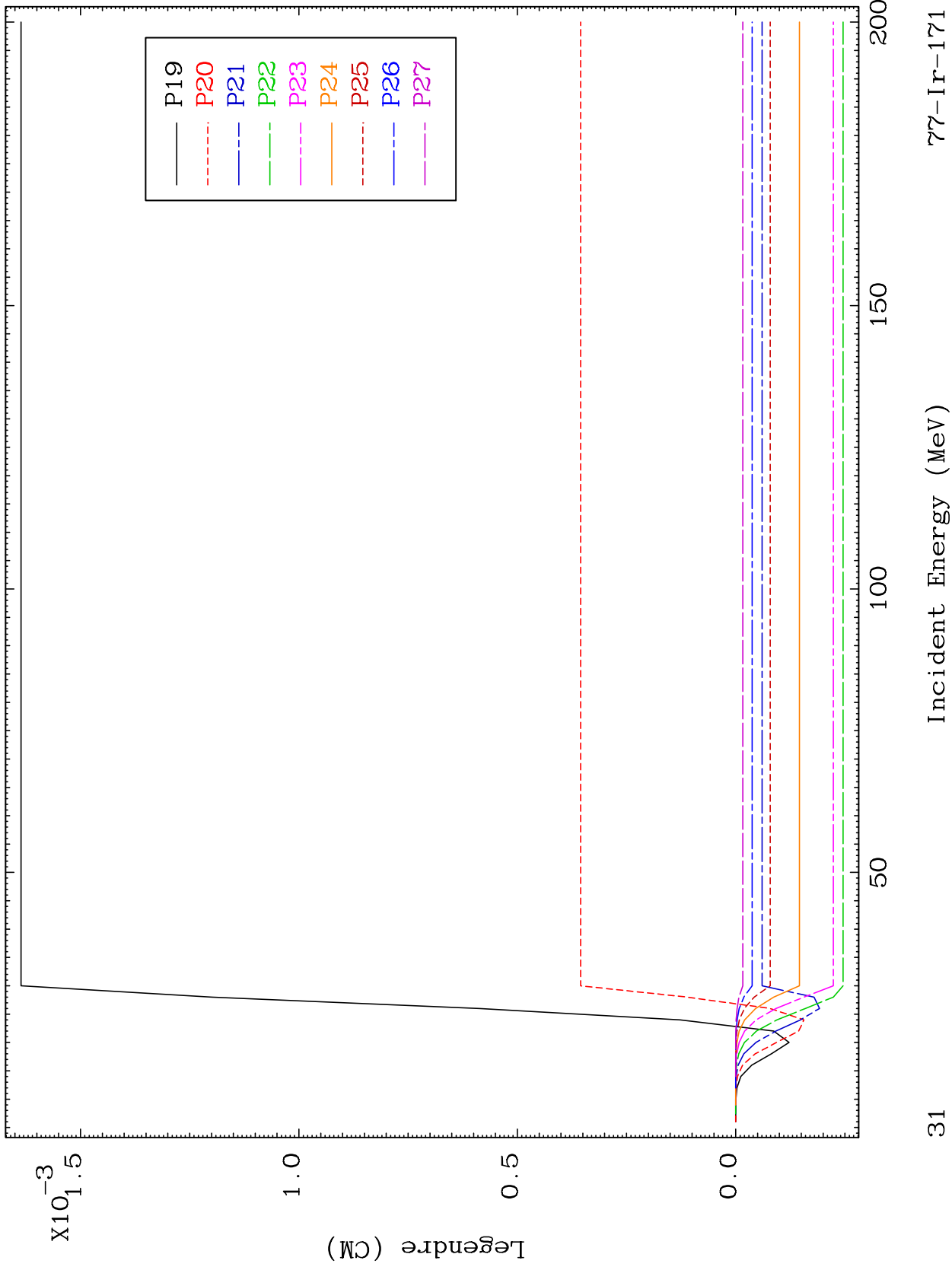




MAT 7665

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

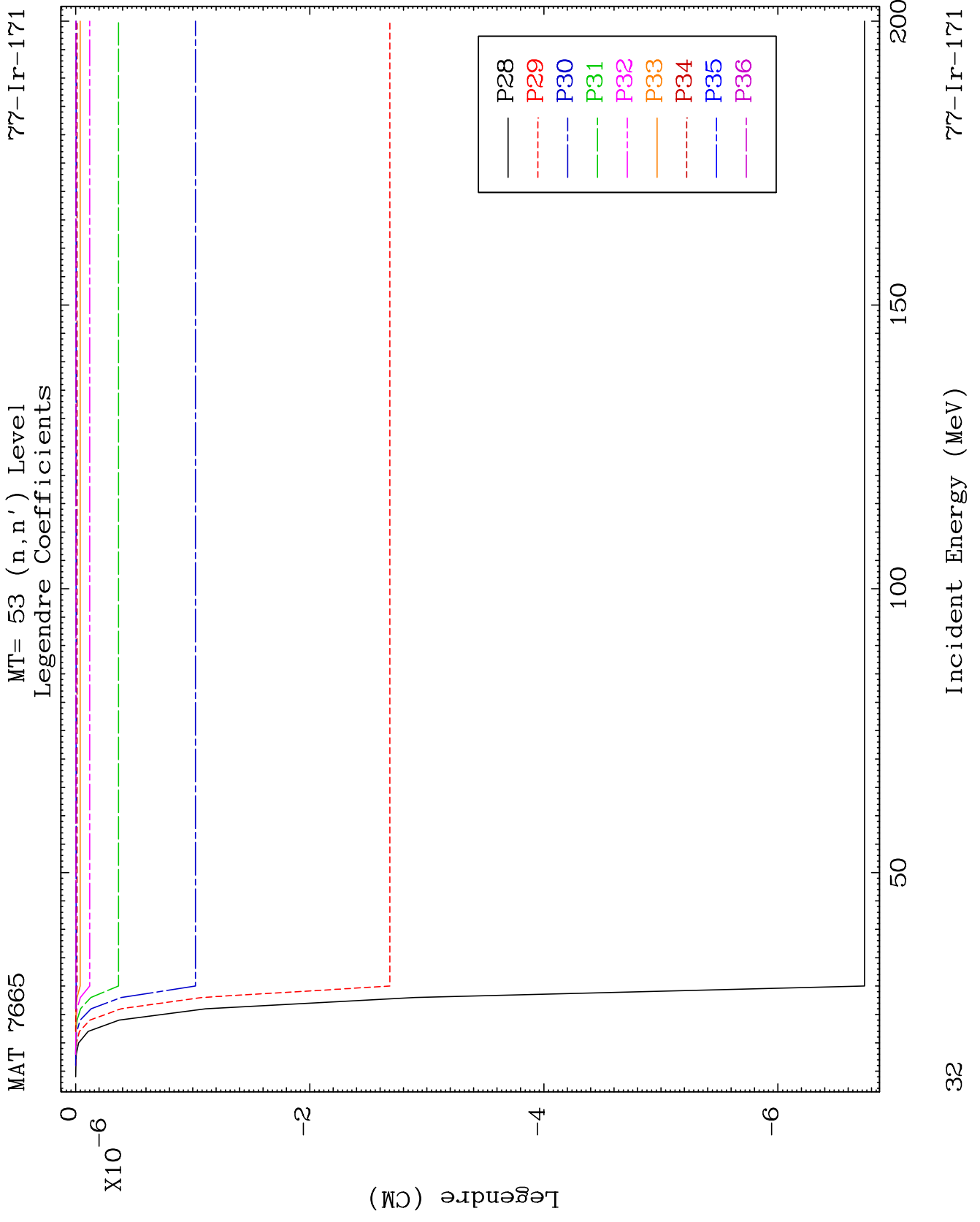
77-Ir-171



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77-Ir-171

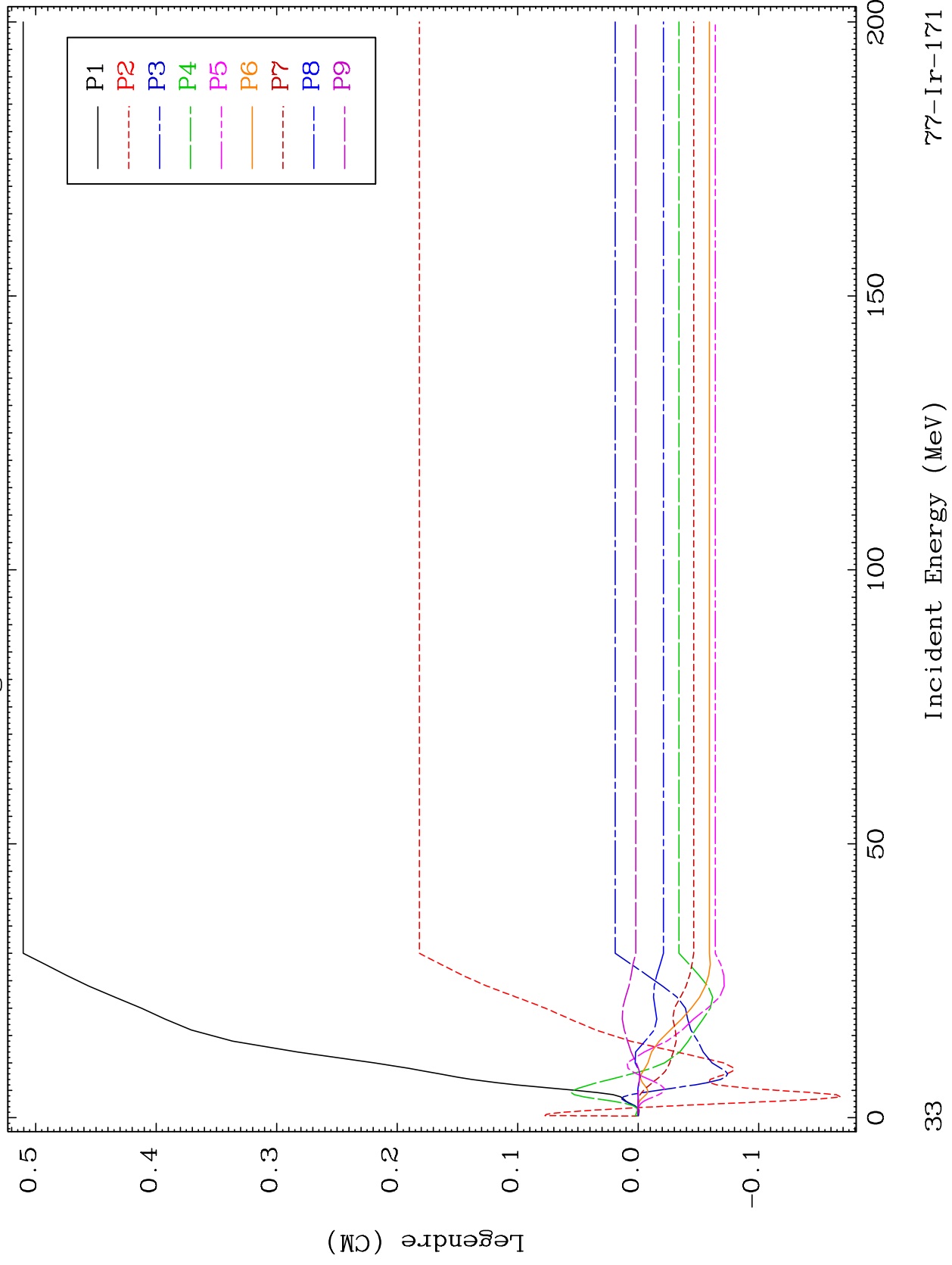




MAT 7665

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

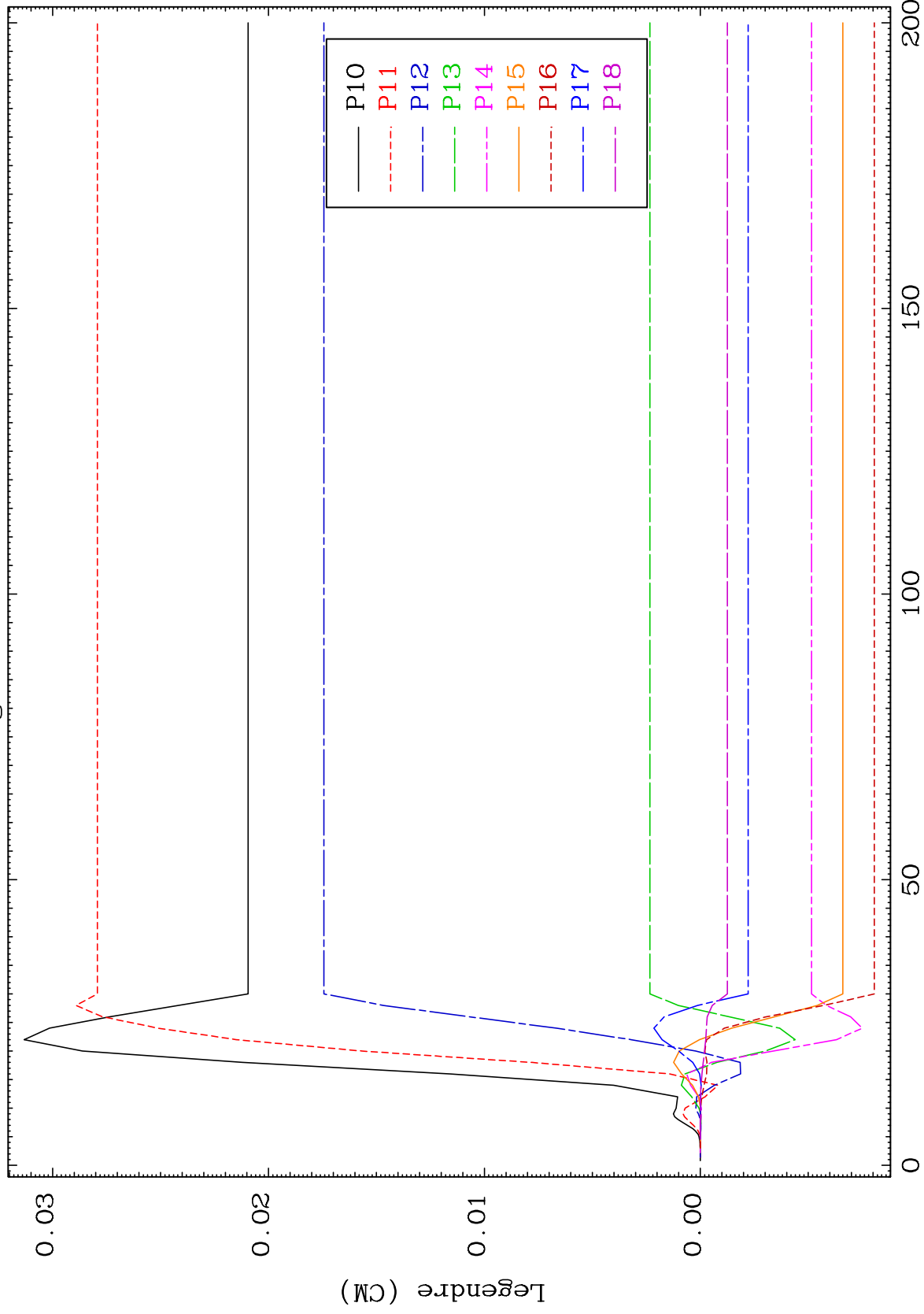
77-Ir-171



MAT 7665

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

77-Ir-171



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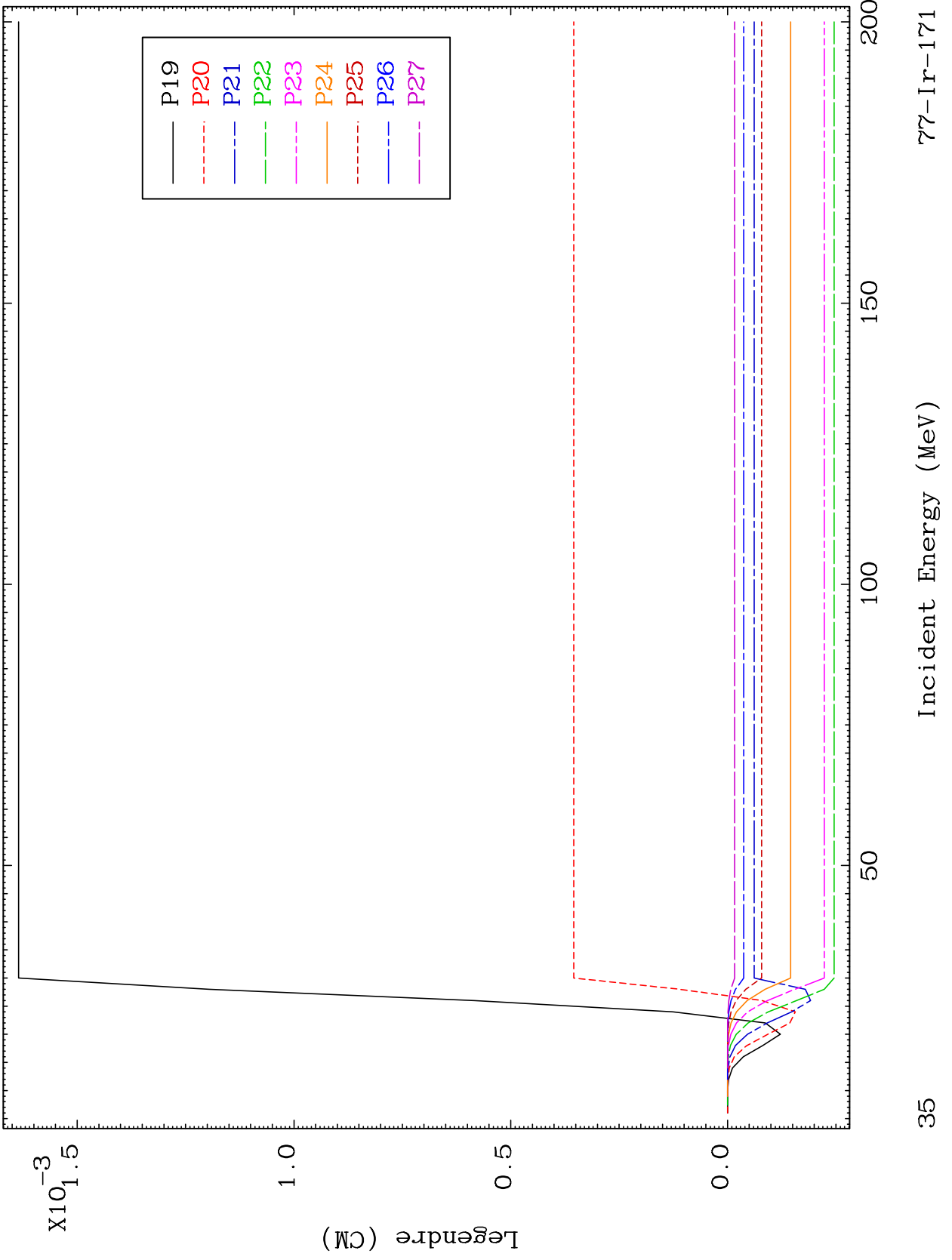
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



35

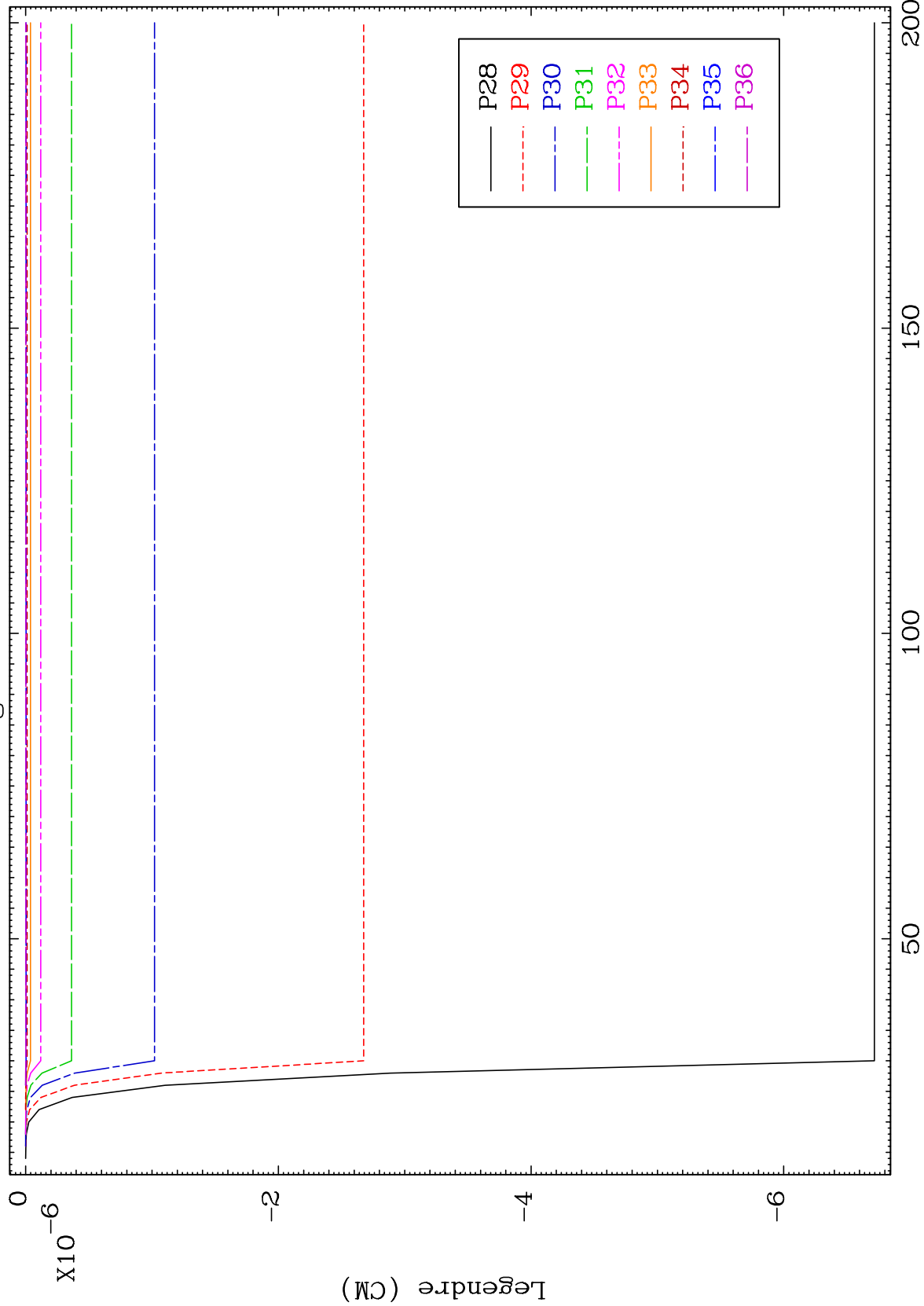
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



36

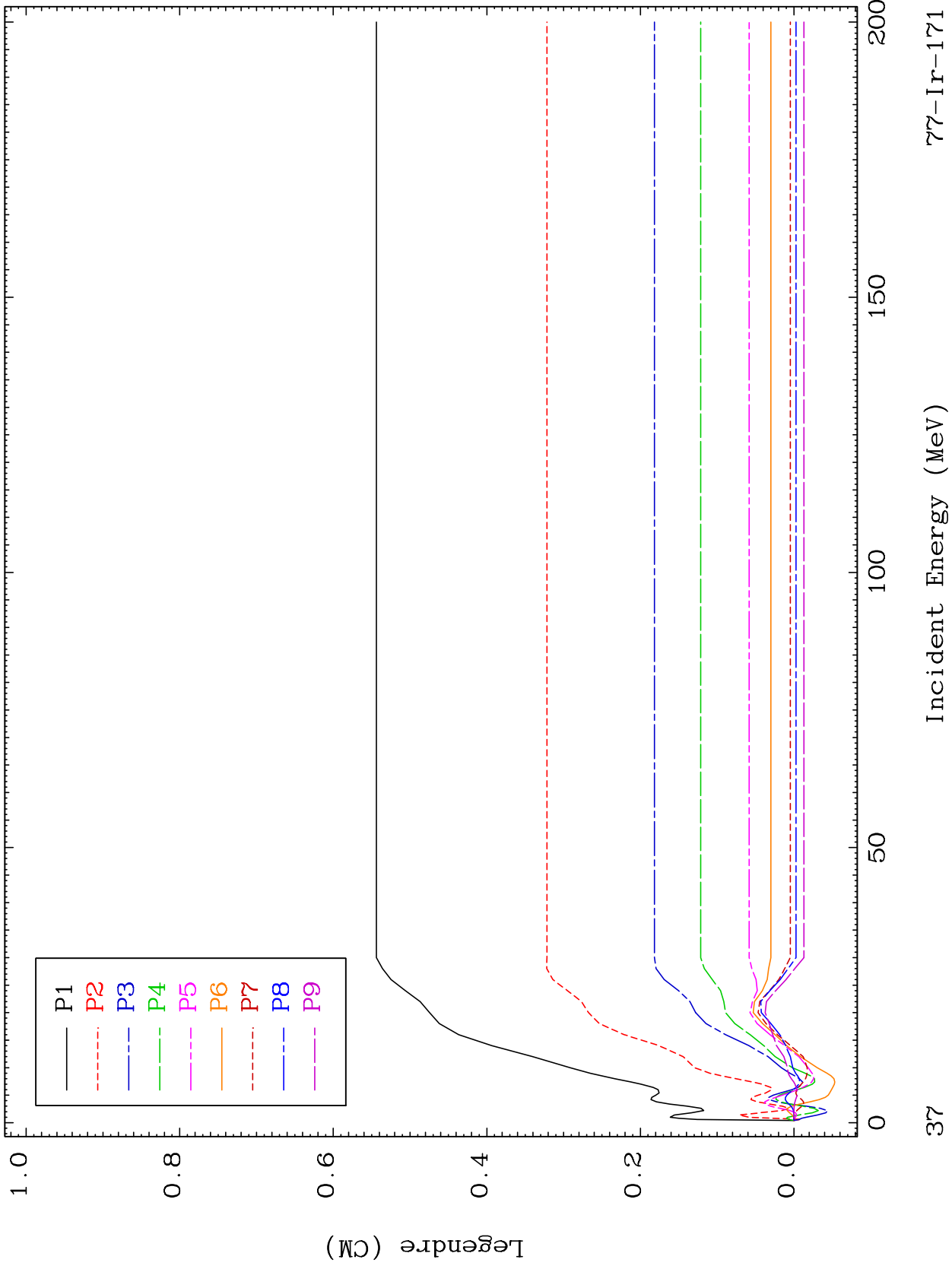
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

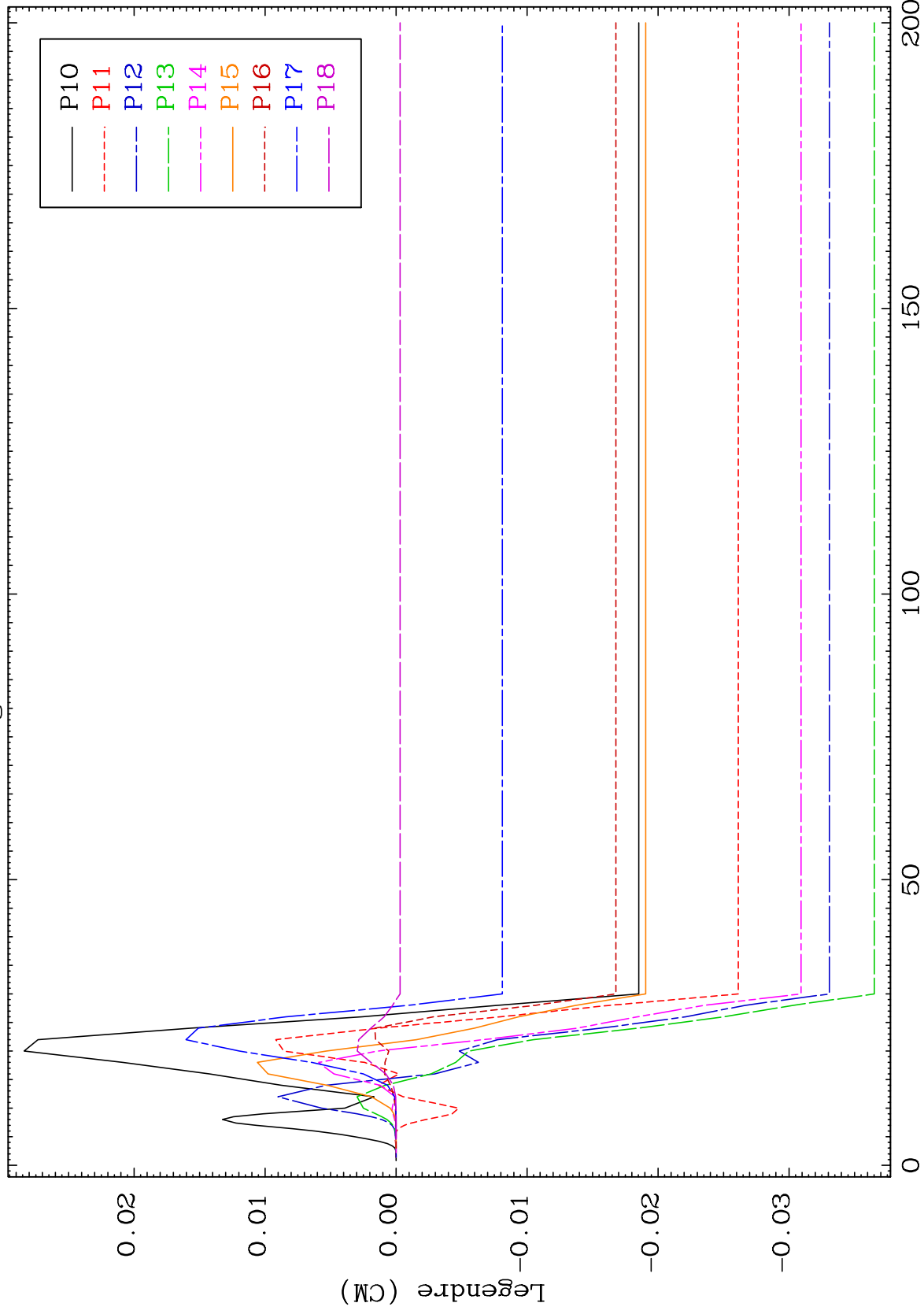
77-Ir-171



MAT 7665

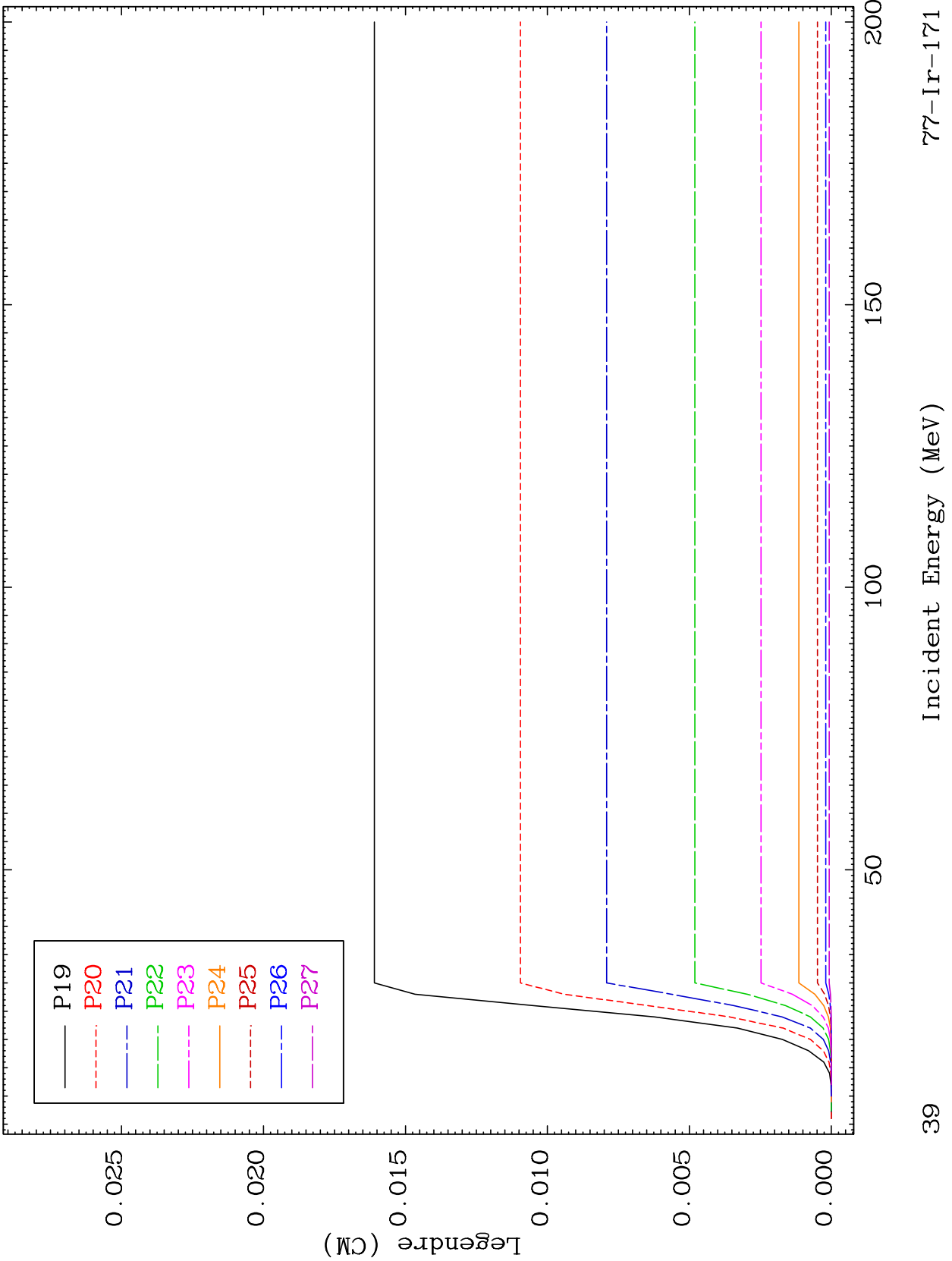
MT= 55 (n,n') Level  
Legendre Coefficients

77-Ir-171



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77-Ir-171

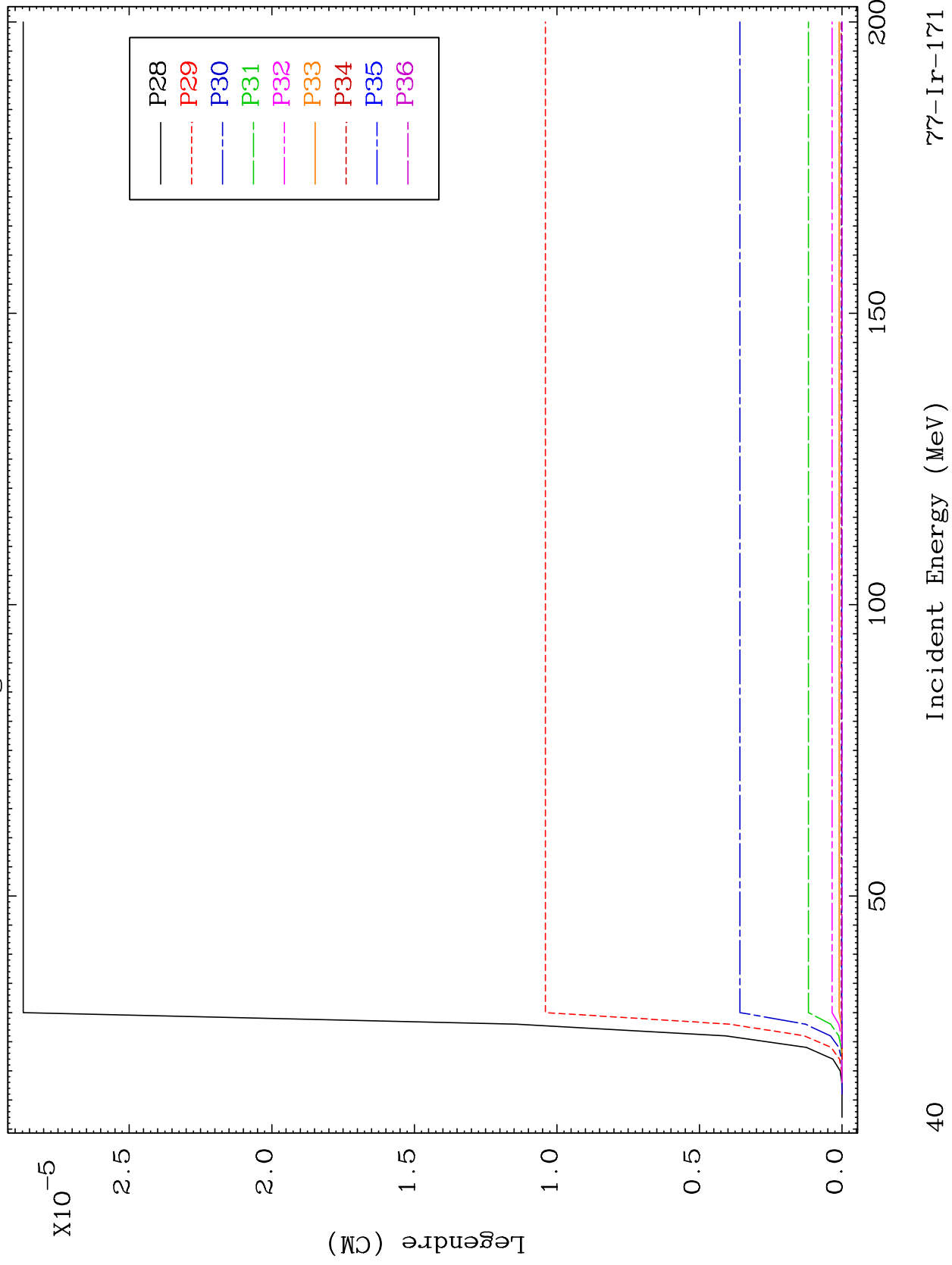




MAT 7665

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

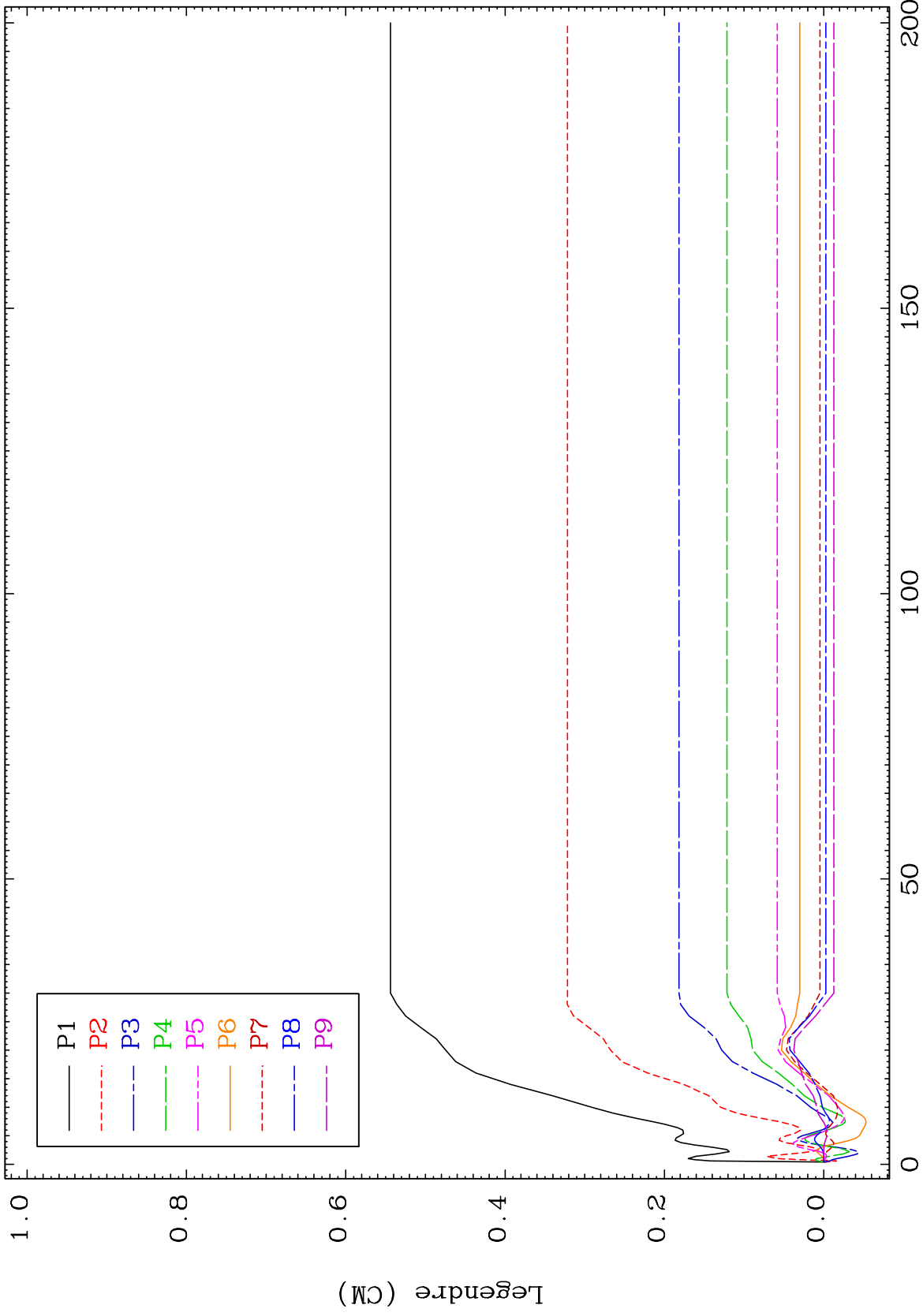
77-Ir-171



MAT 7665

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

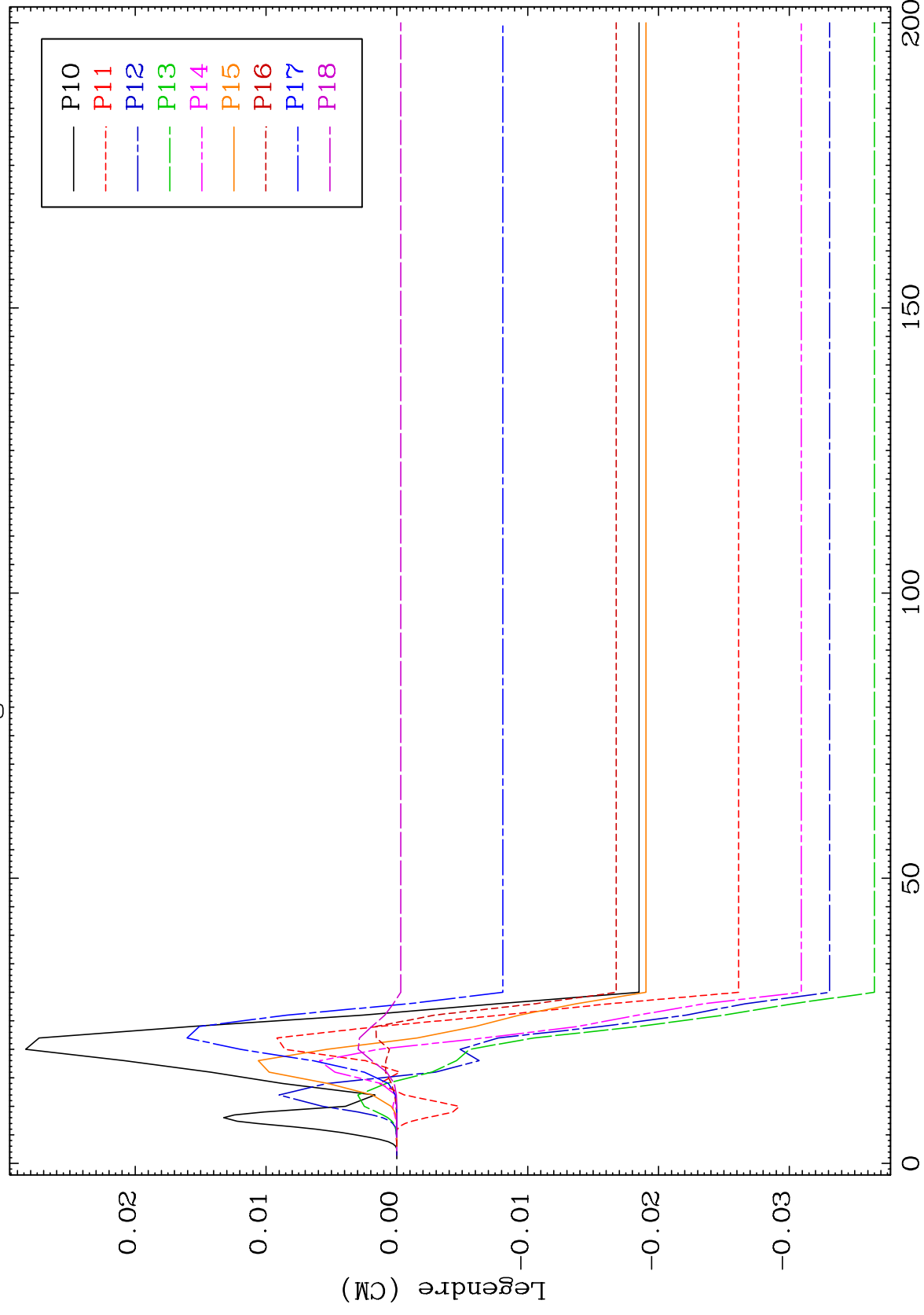
77-Ir-171



MAT 7665

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

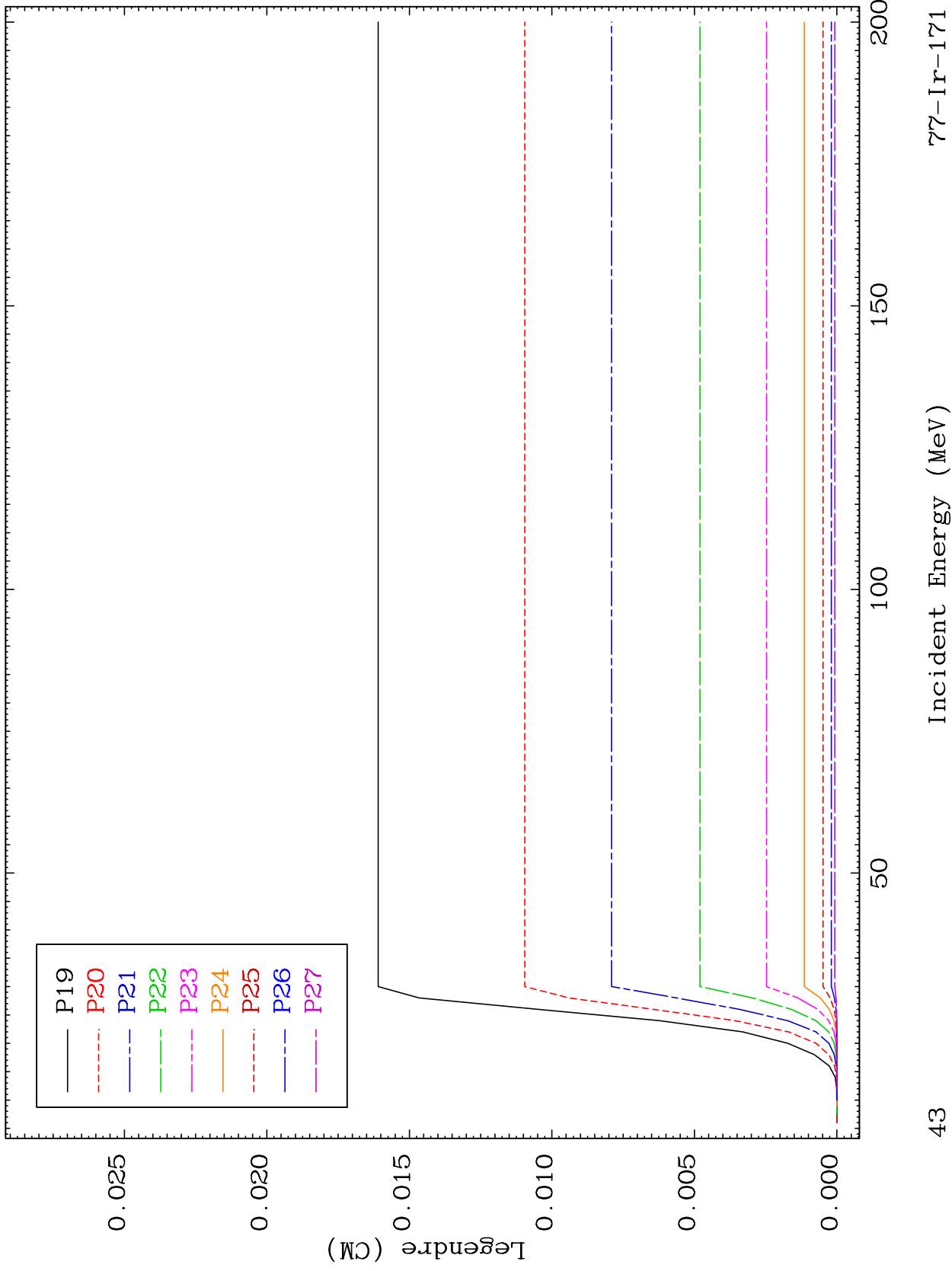
77-Ir-171



42

Incident Energy (MeV)

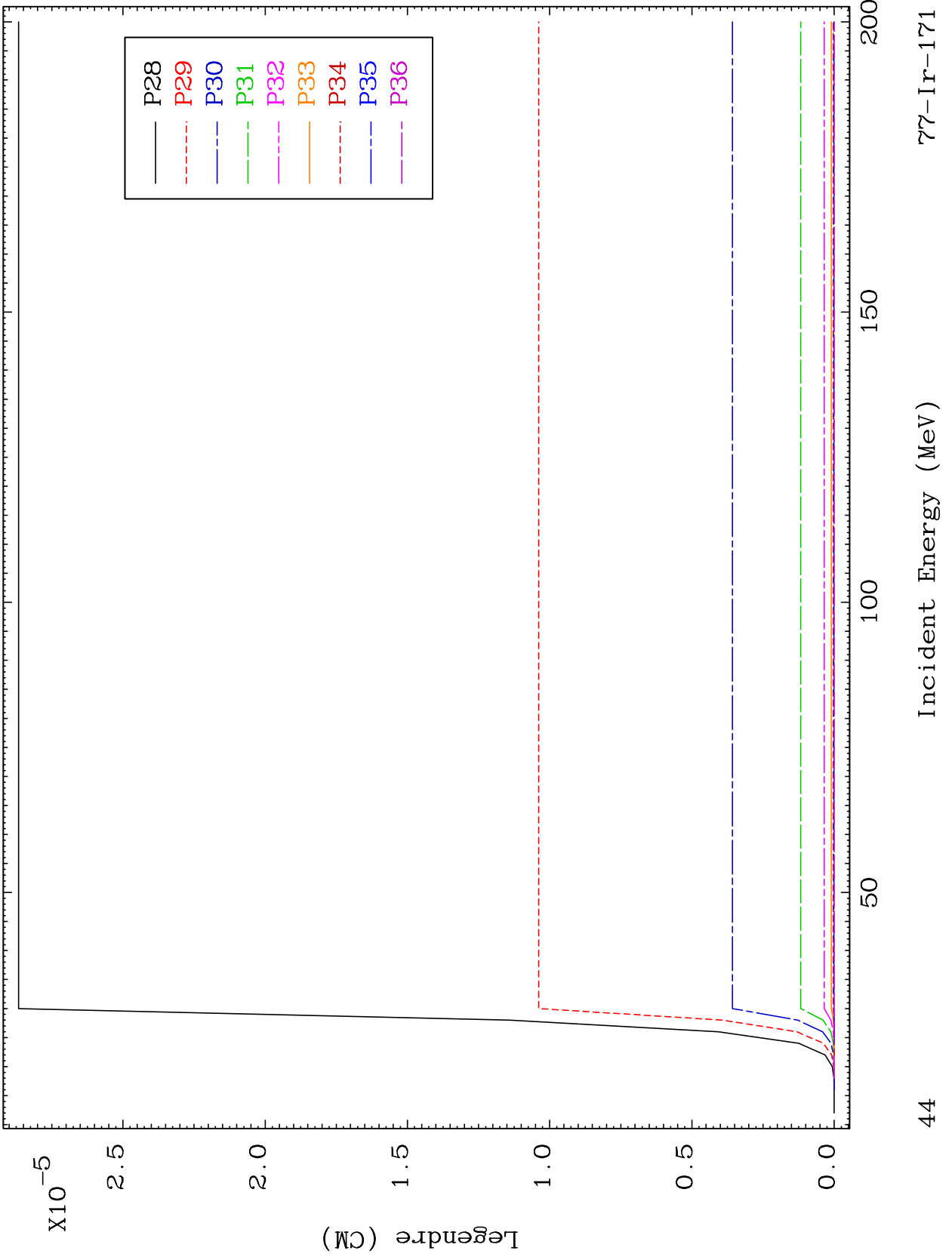
77-Ir-171



MAT 7665

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

77-Ir-171

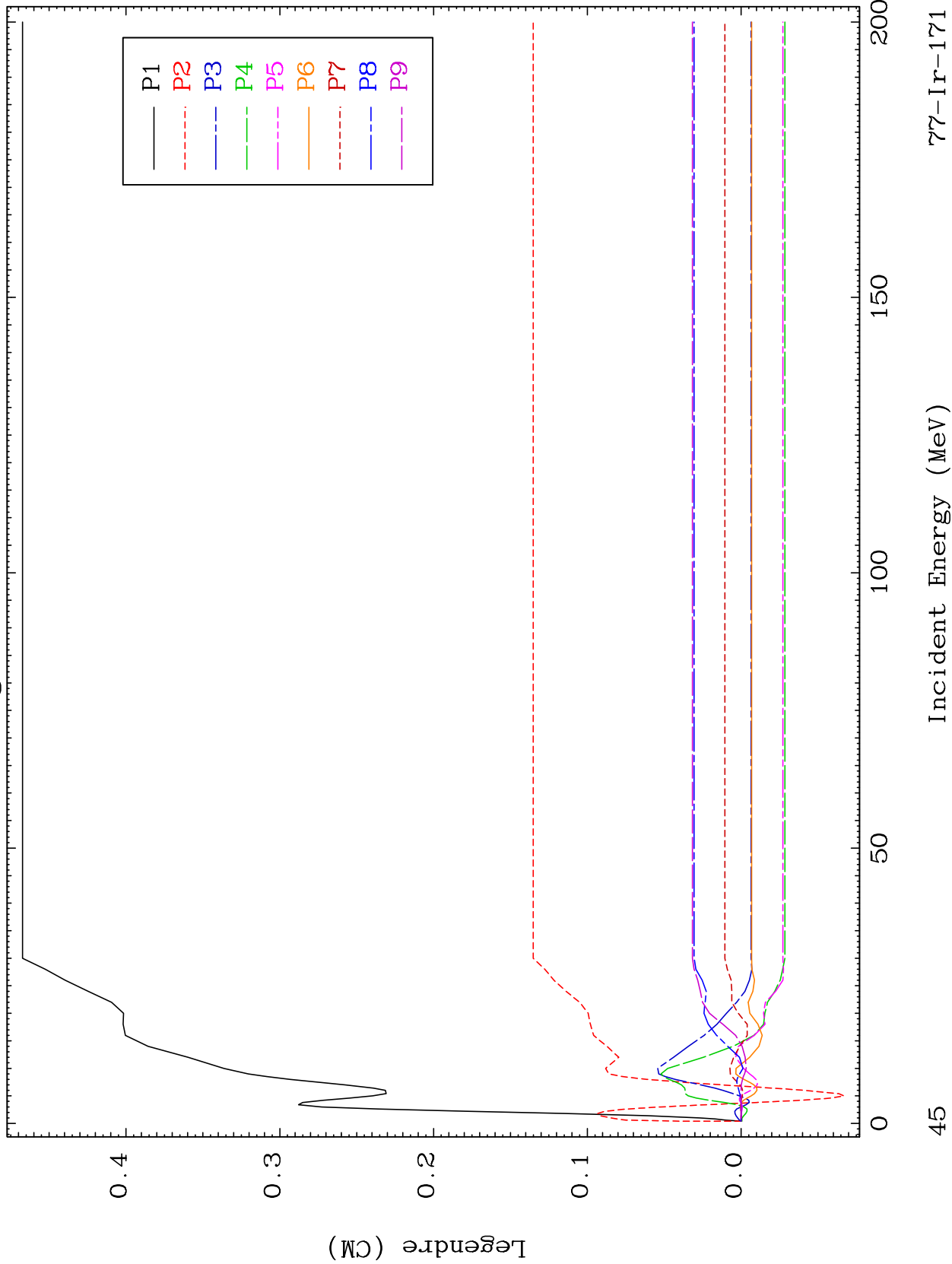


44

MAT 7665

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

77-Ir-171

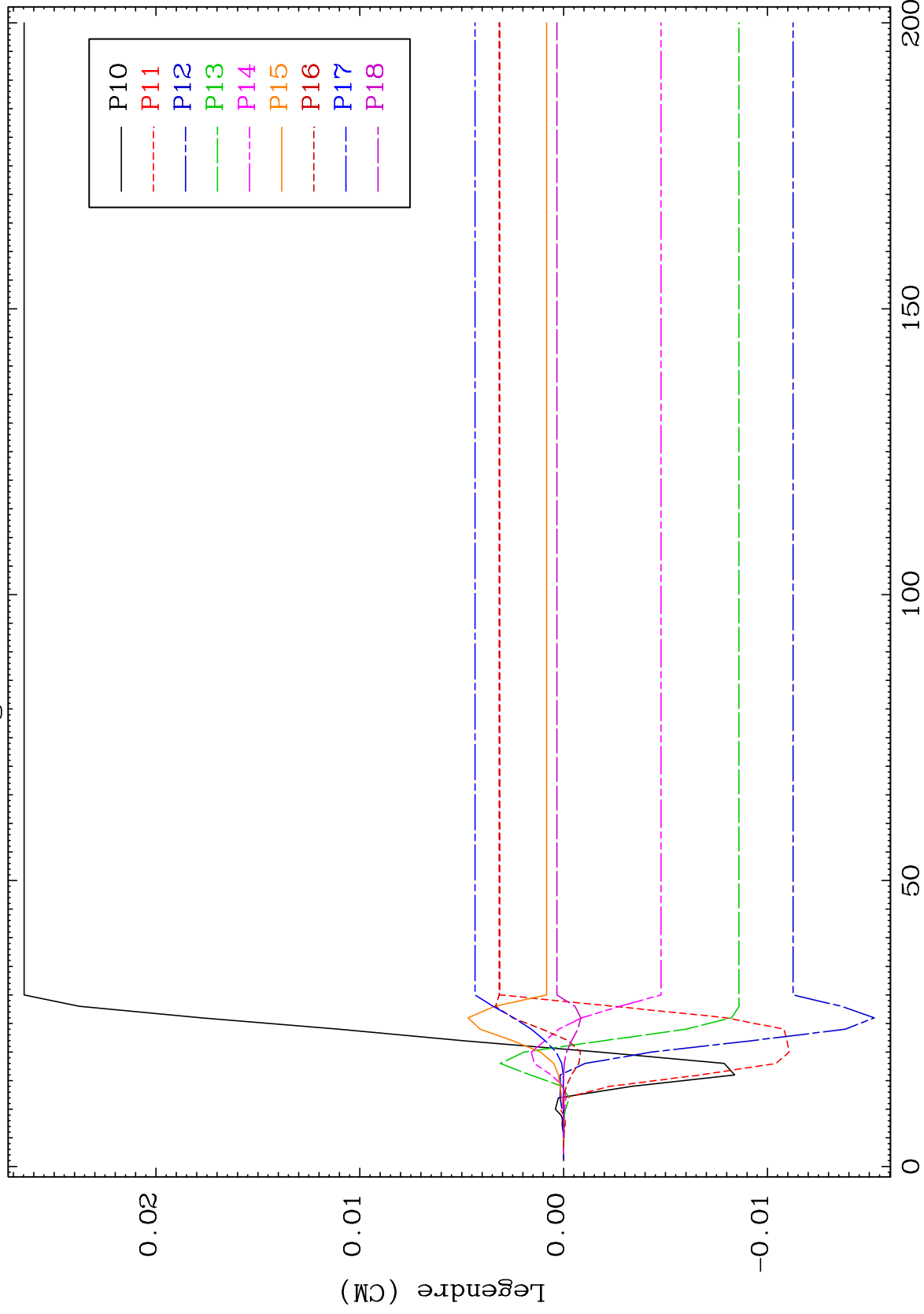


77-Ir-171

MAT 7665

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

77-Ir-171



46

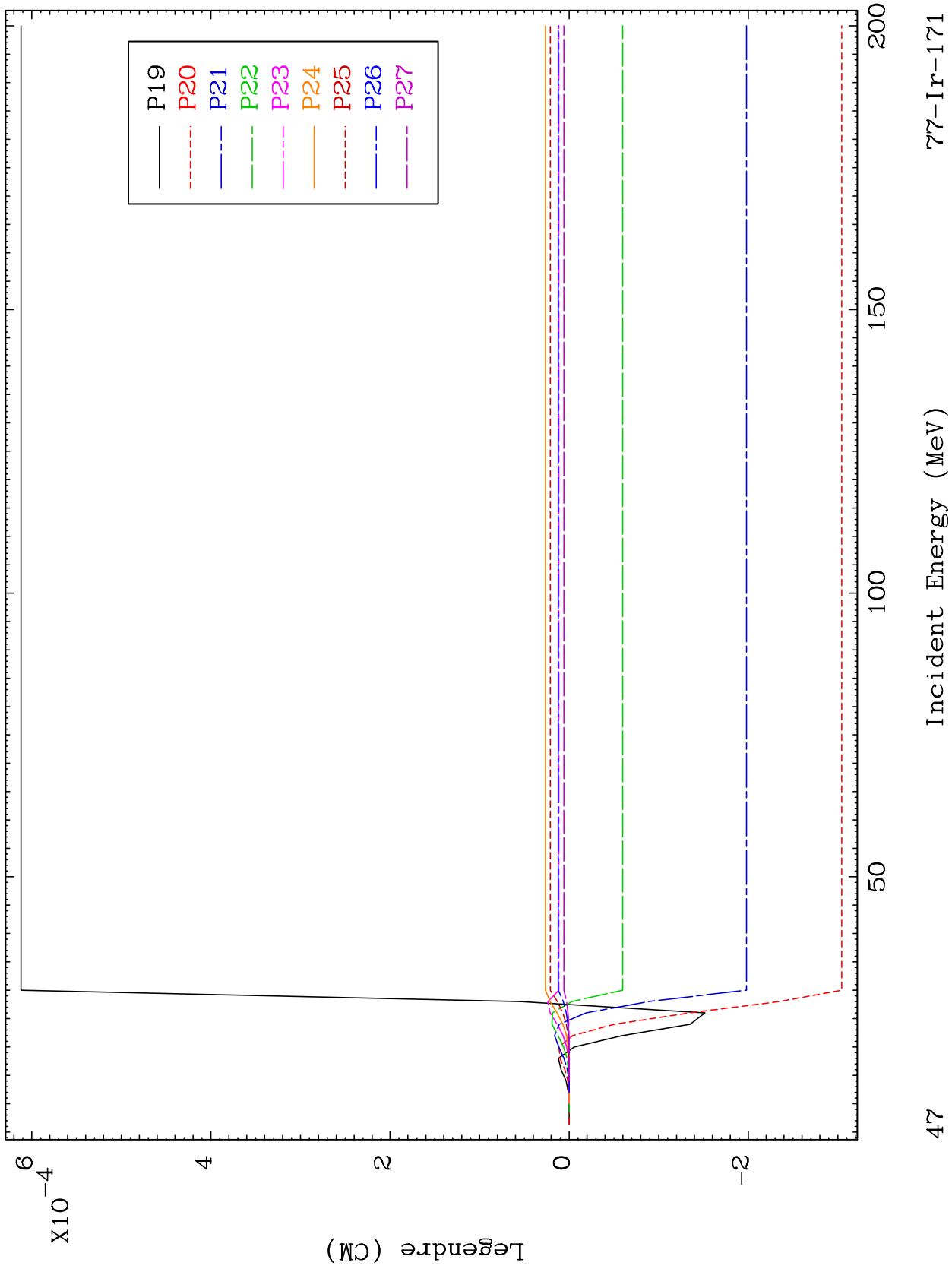
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



47

Incident Energy (MeV)

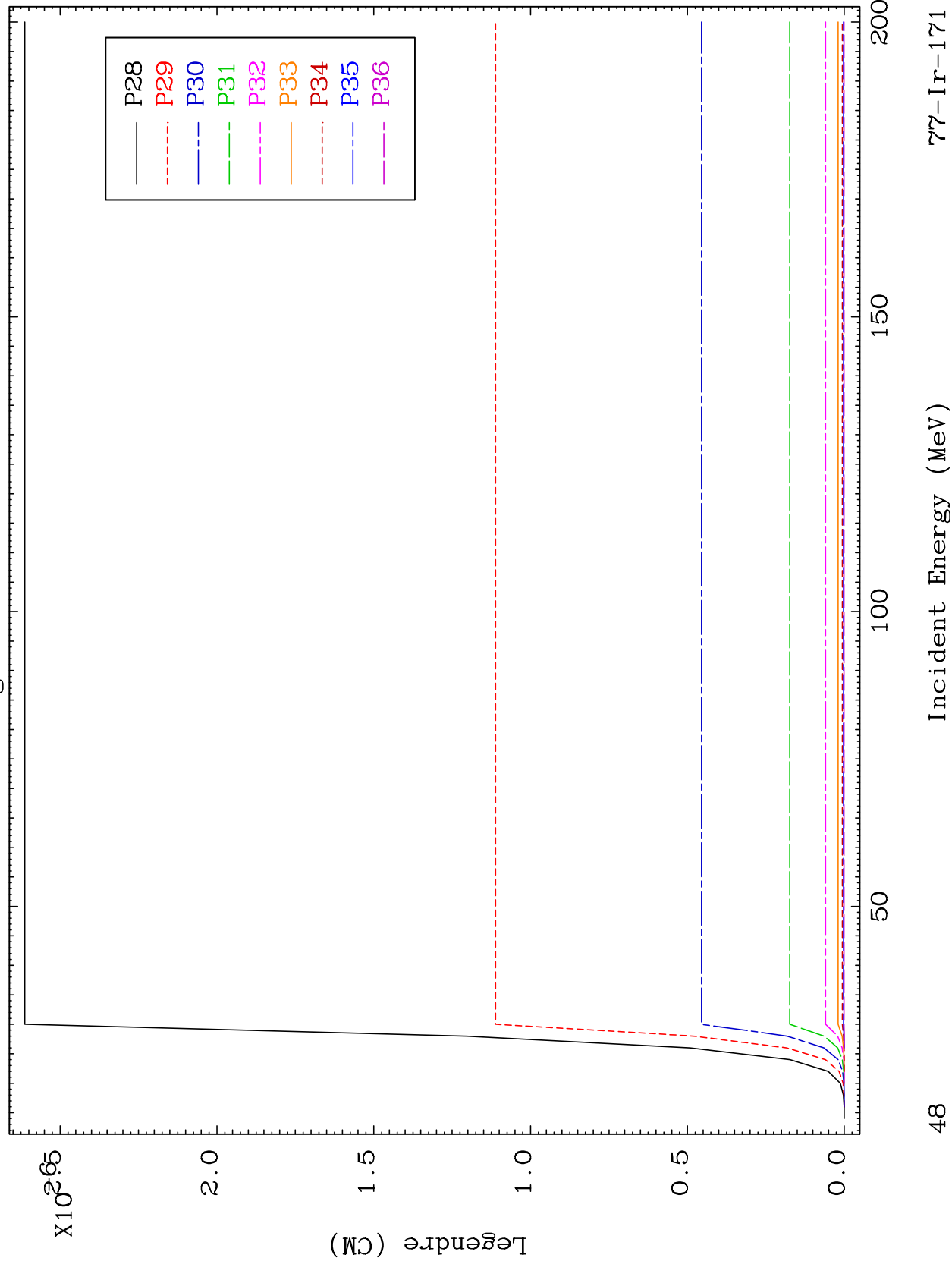
77-Ir-171



MAT 7665

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

77-Ir-171



48

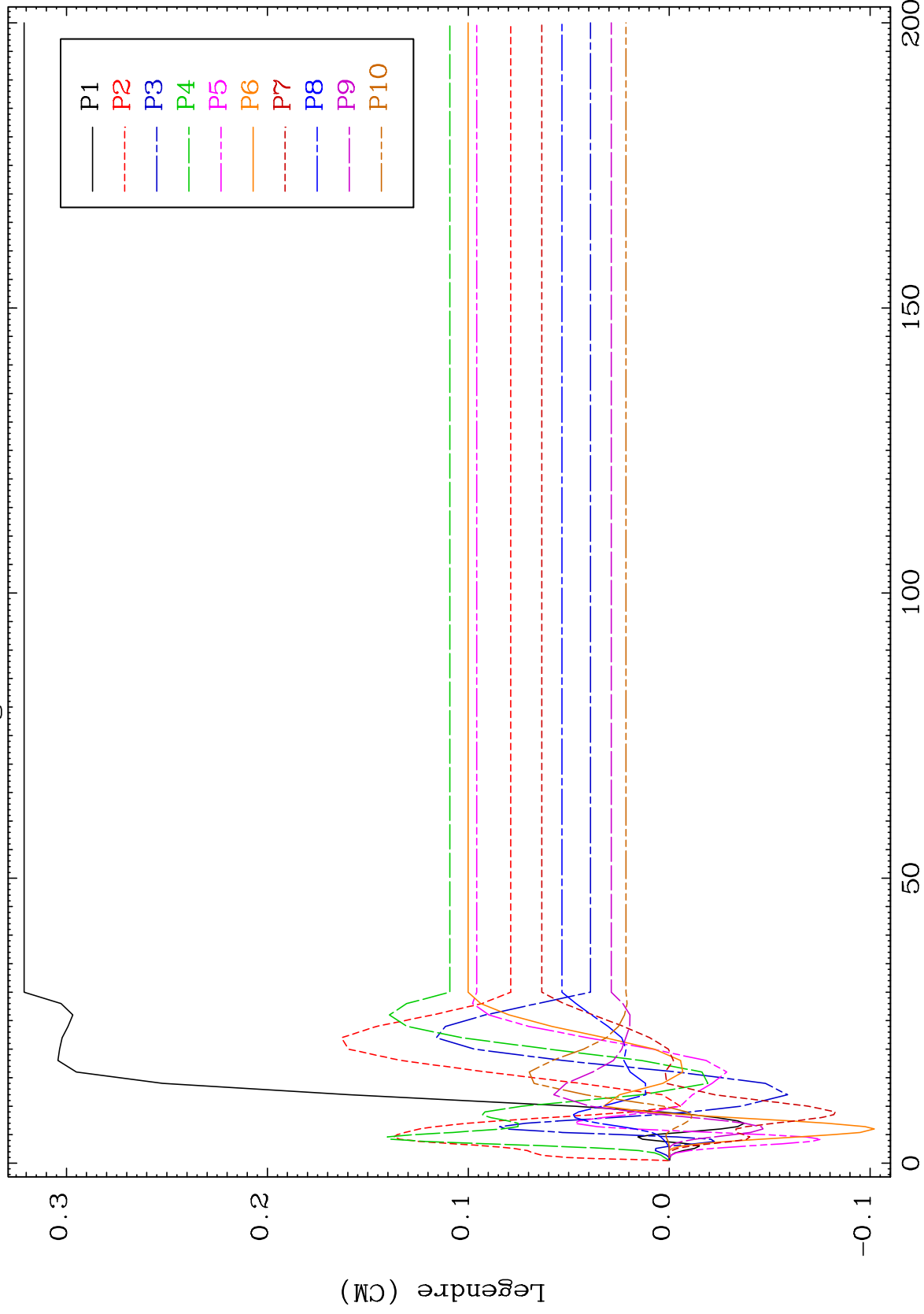
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



49

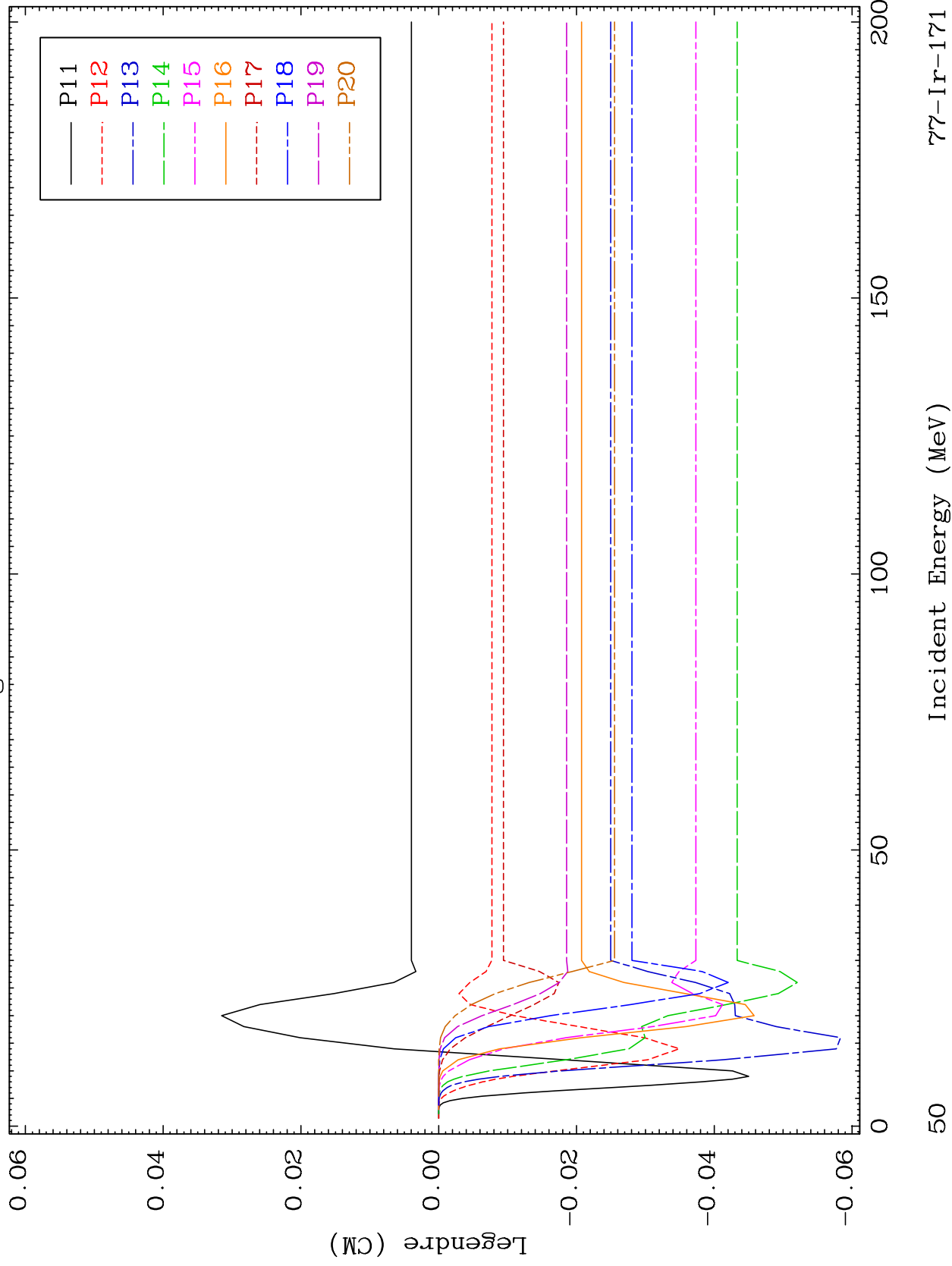
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

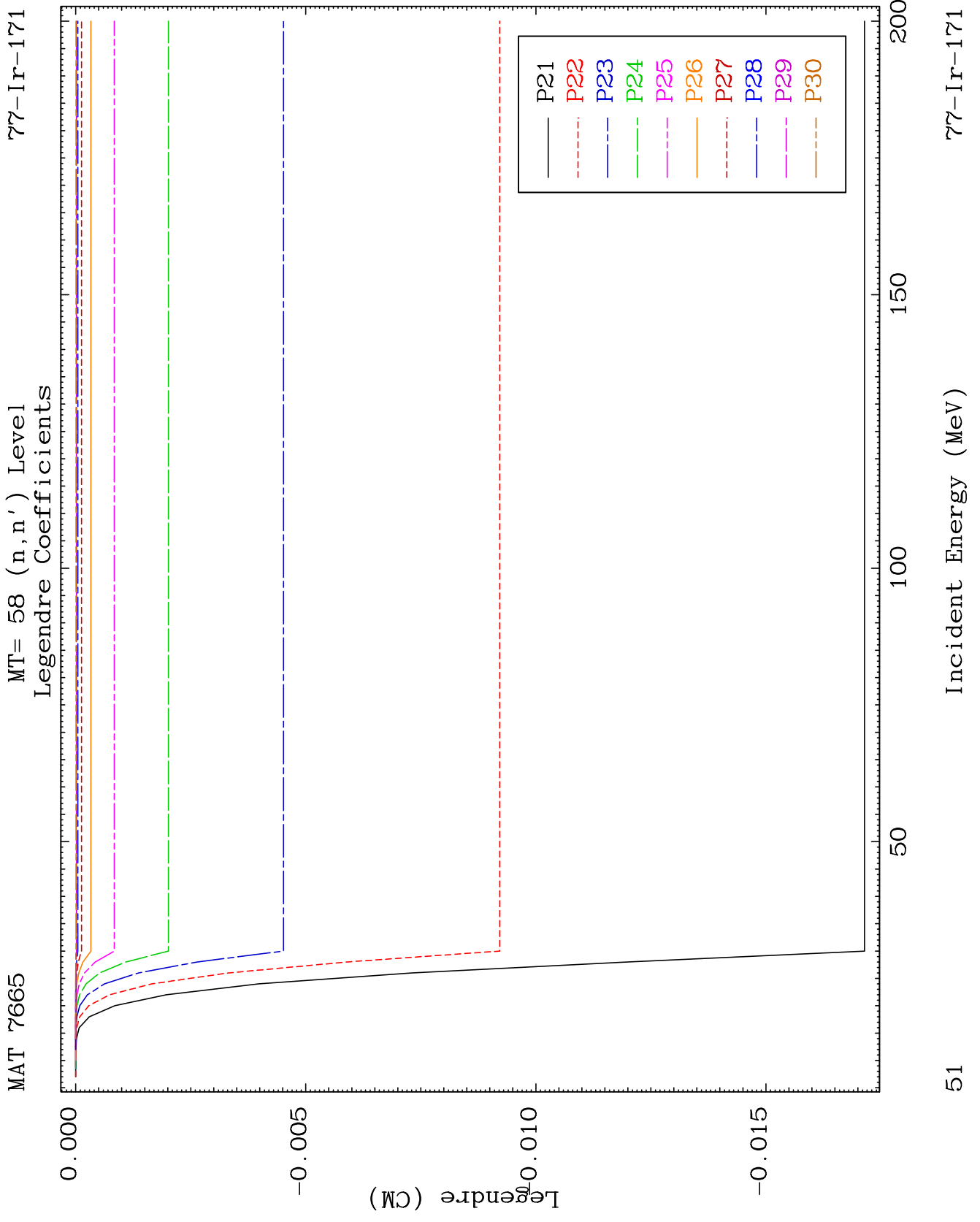
77-Ir-171



77-Ir-171

Incident Energy (MeV)

50

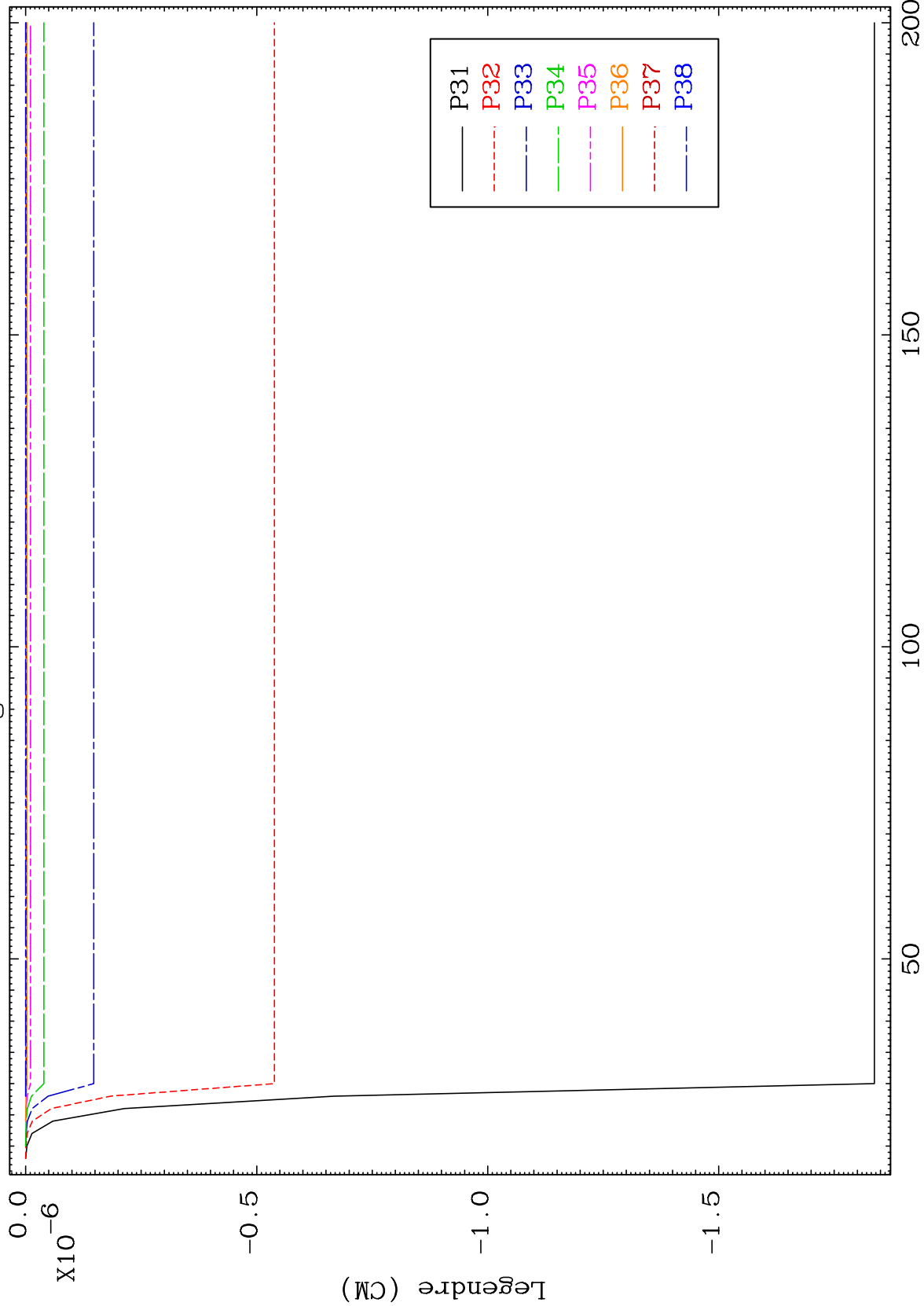


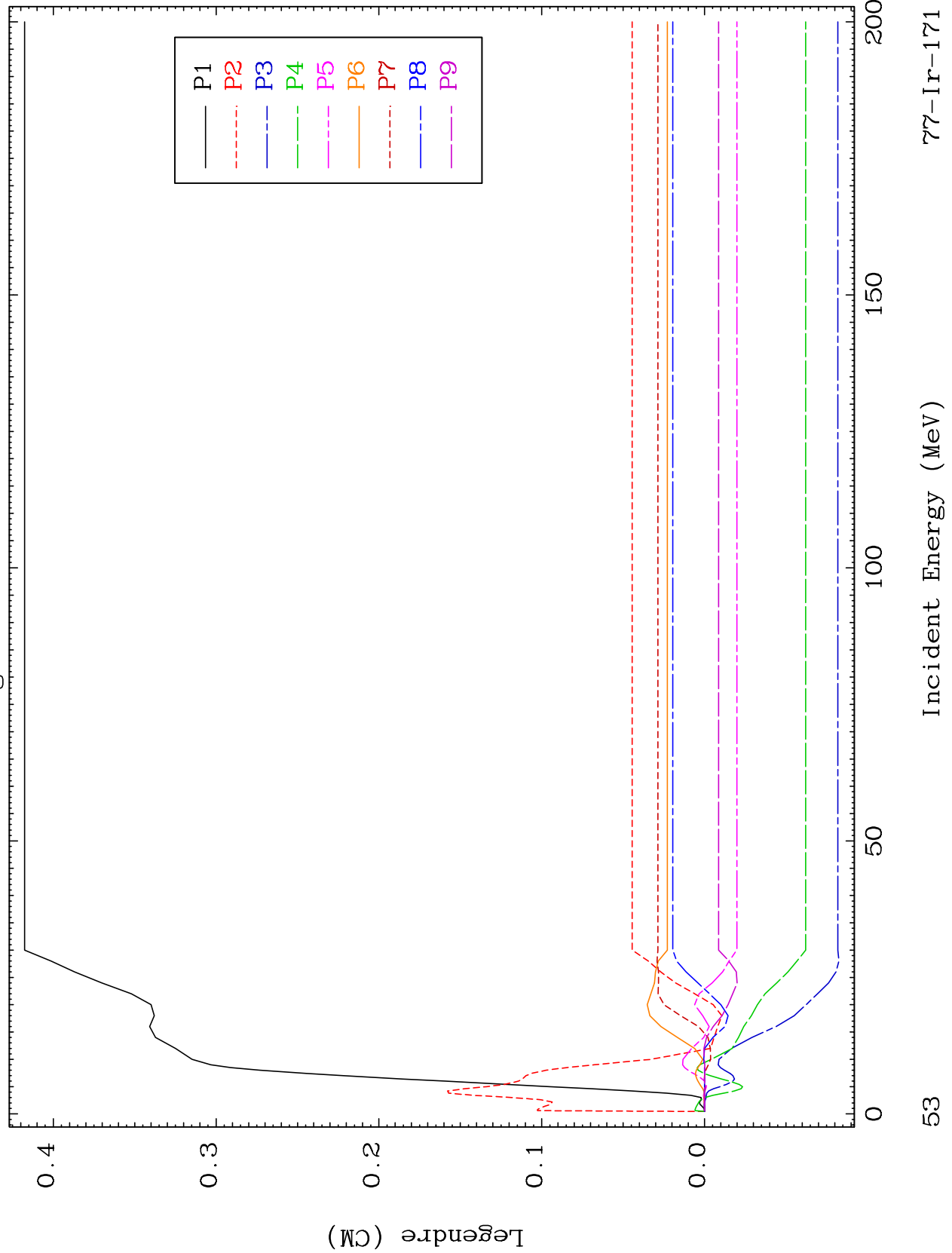
MAT 7665

MT= 58 (n,n') Level

77-Ir-171

Legendre Coefficients

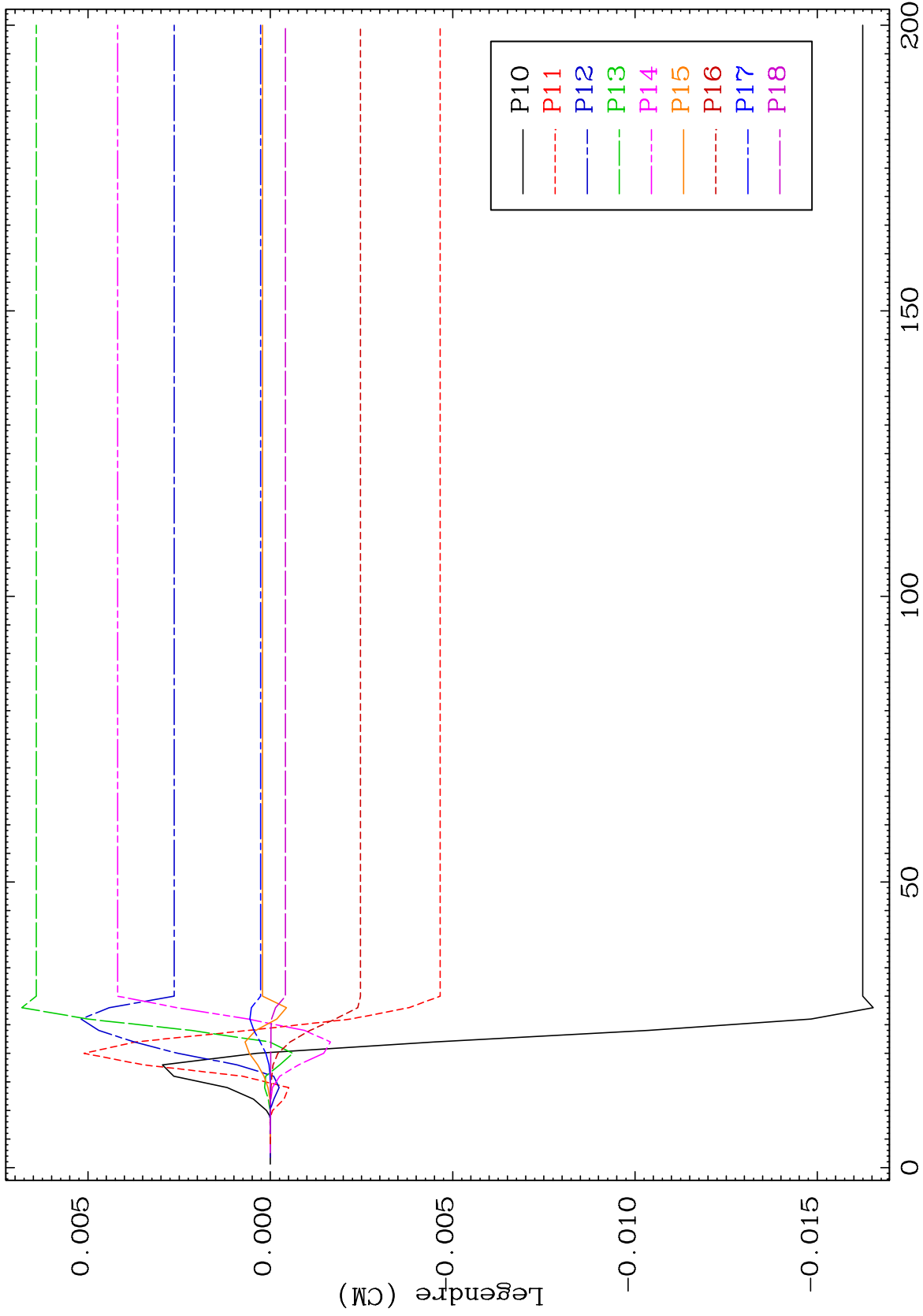




MAT 7665

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

77-Ir-171



54

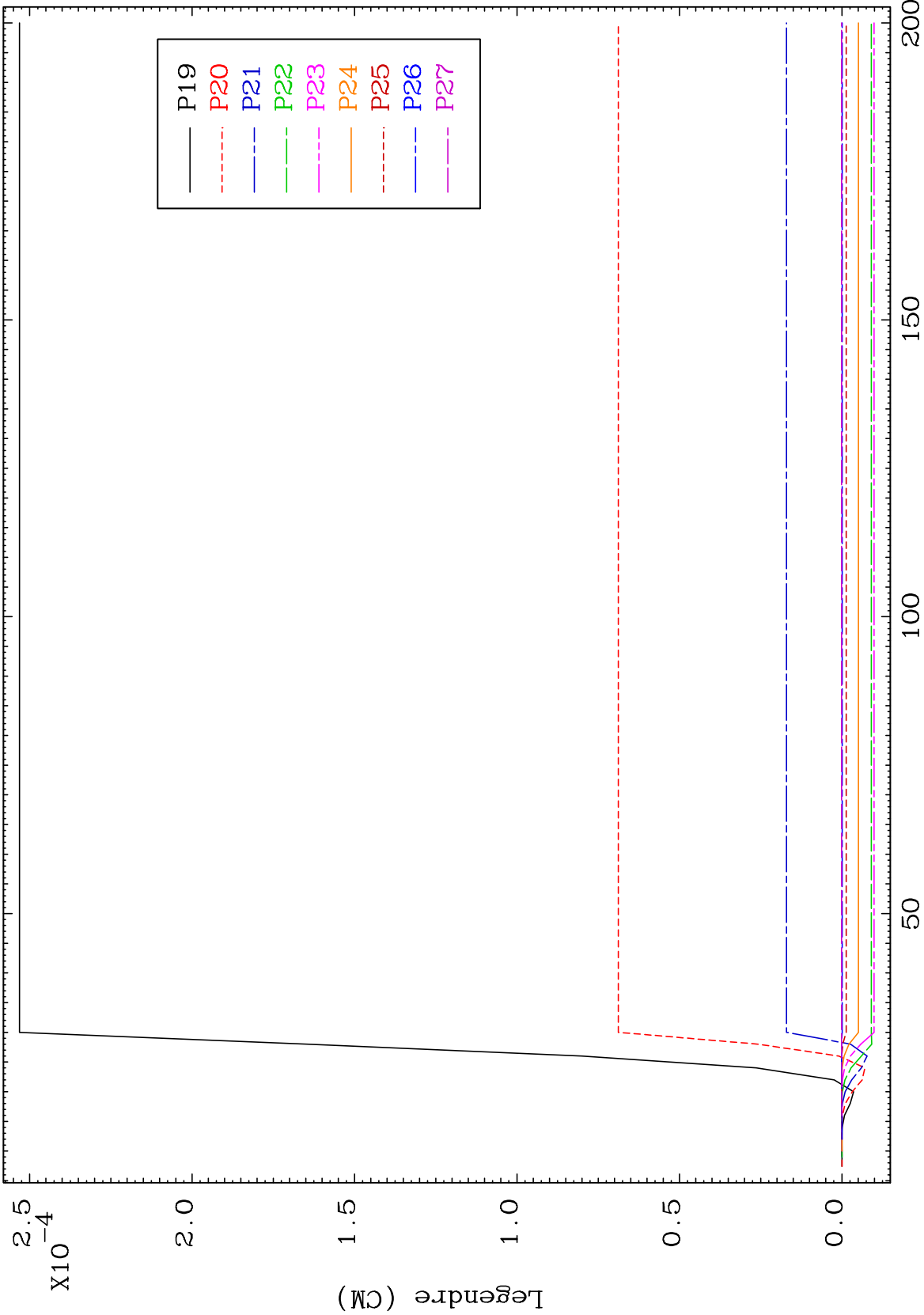
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



55

Incident Energy (MeV)

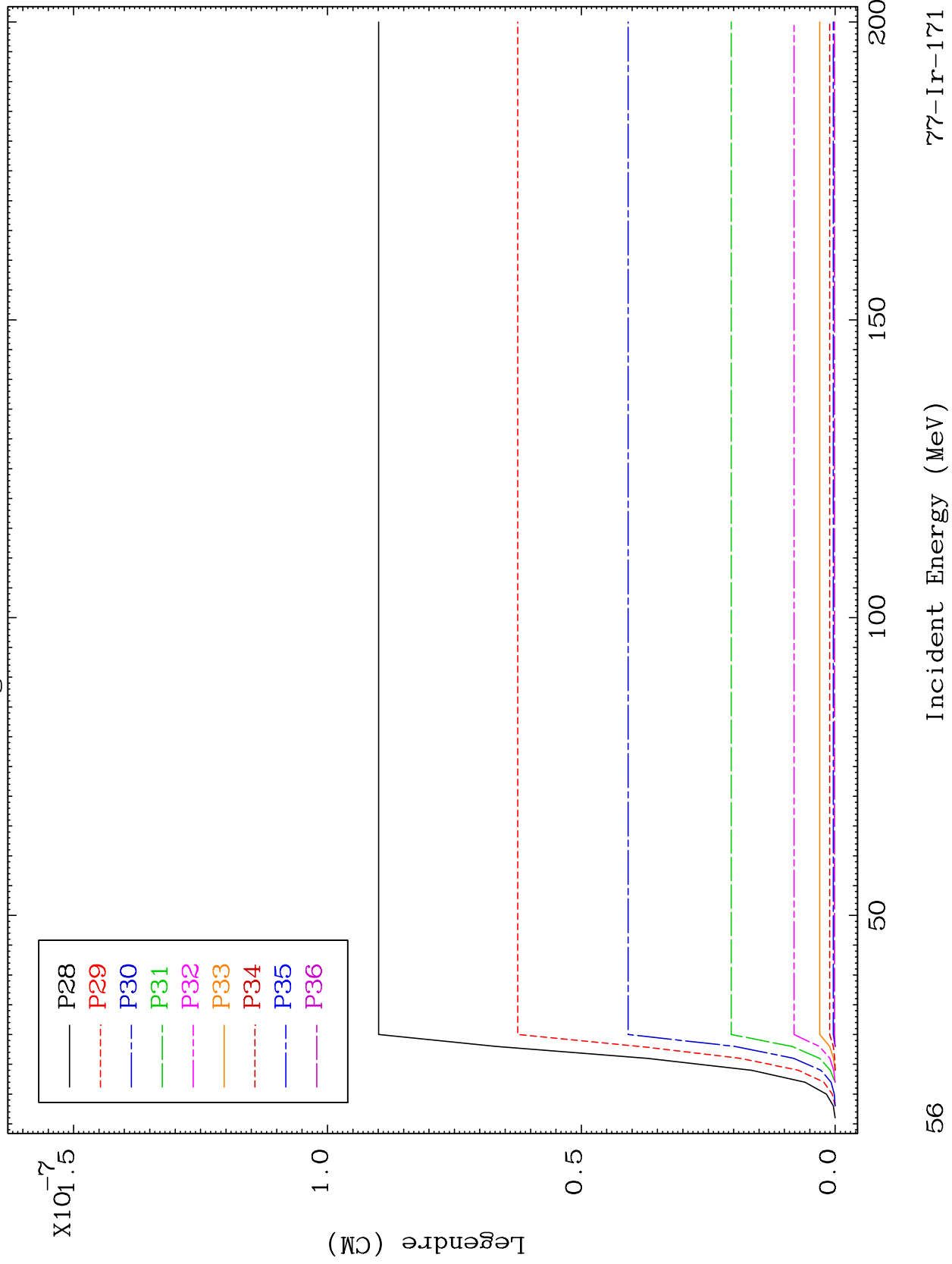
77-Ir-171



MAT 7665

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

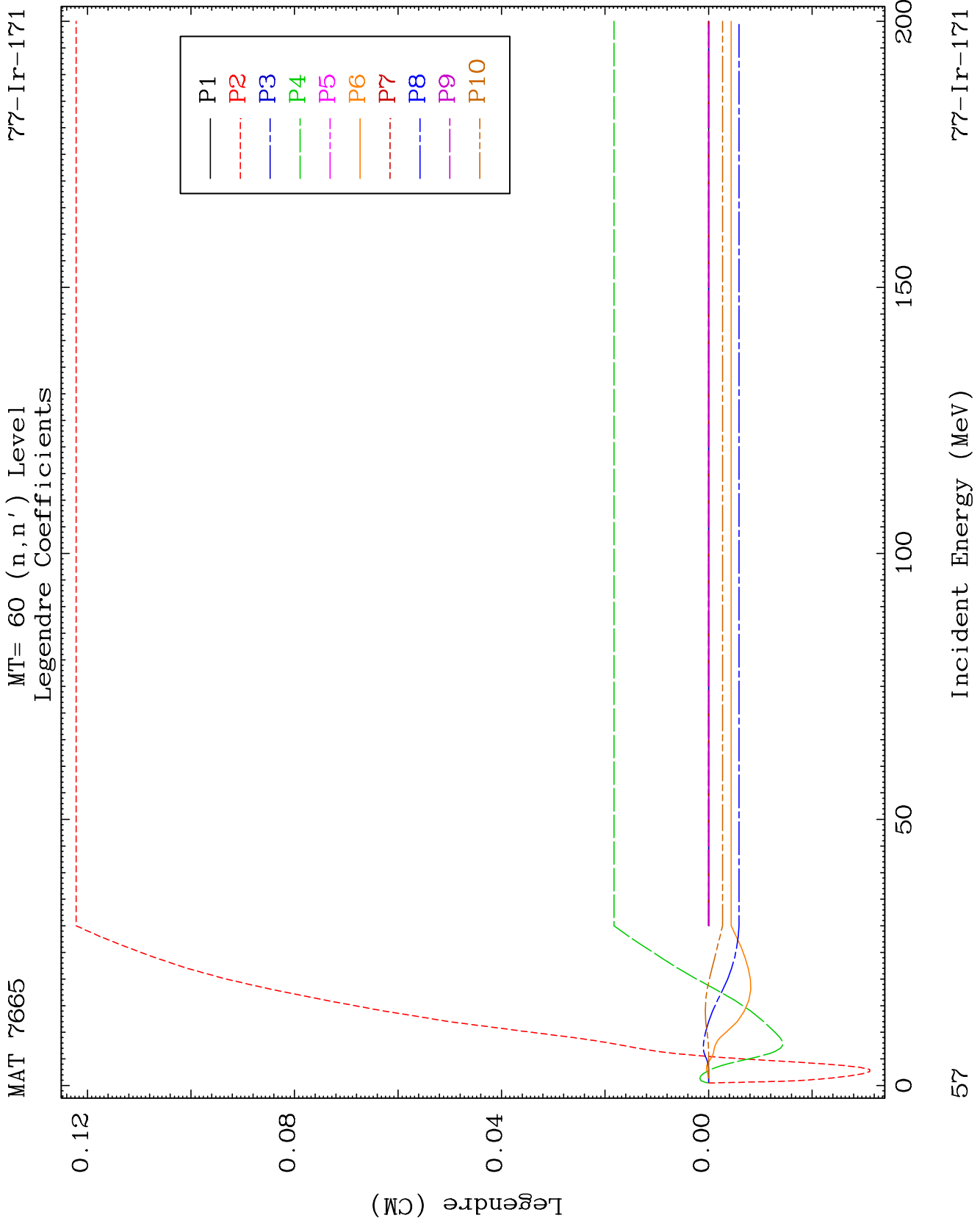
77-Ir-171



56

Incident Energy (MeV)

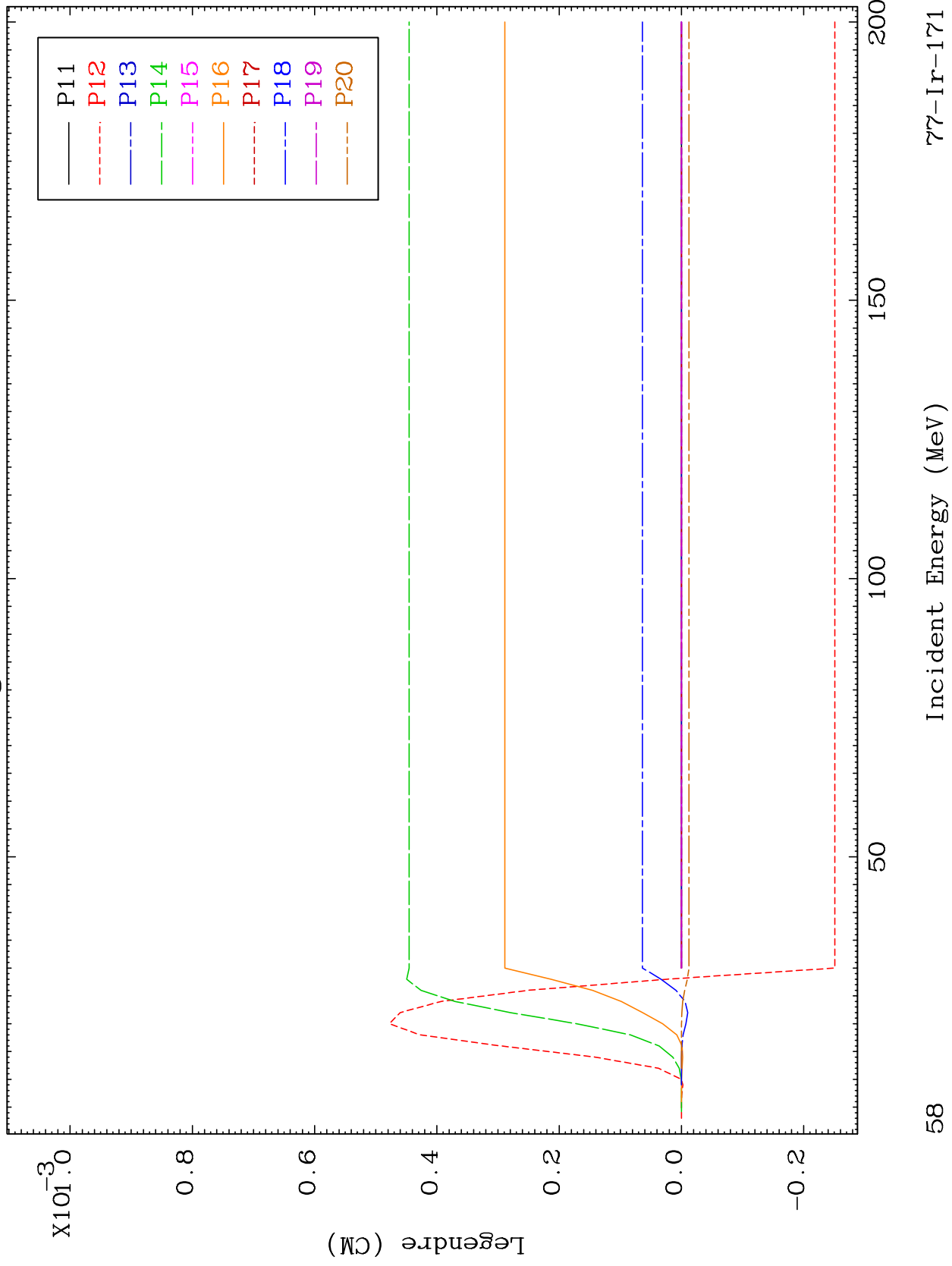
77-Ir-171



MAT 7665

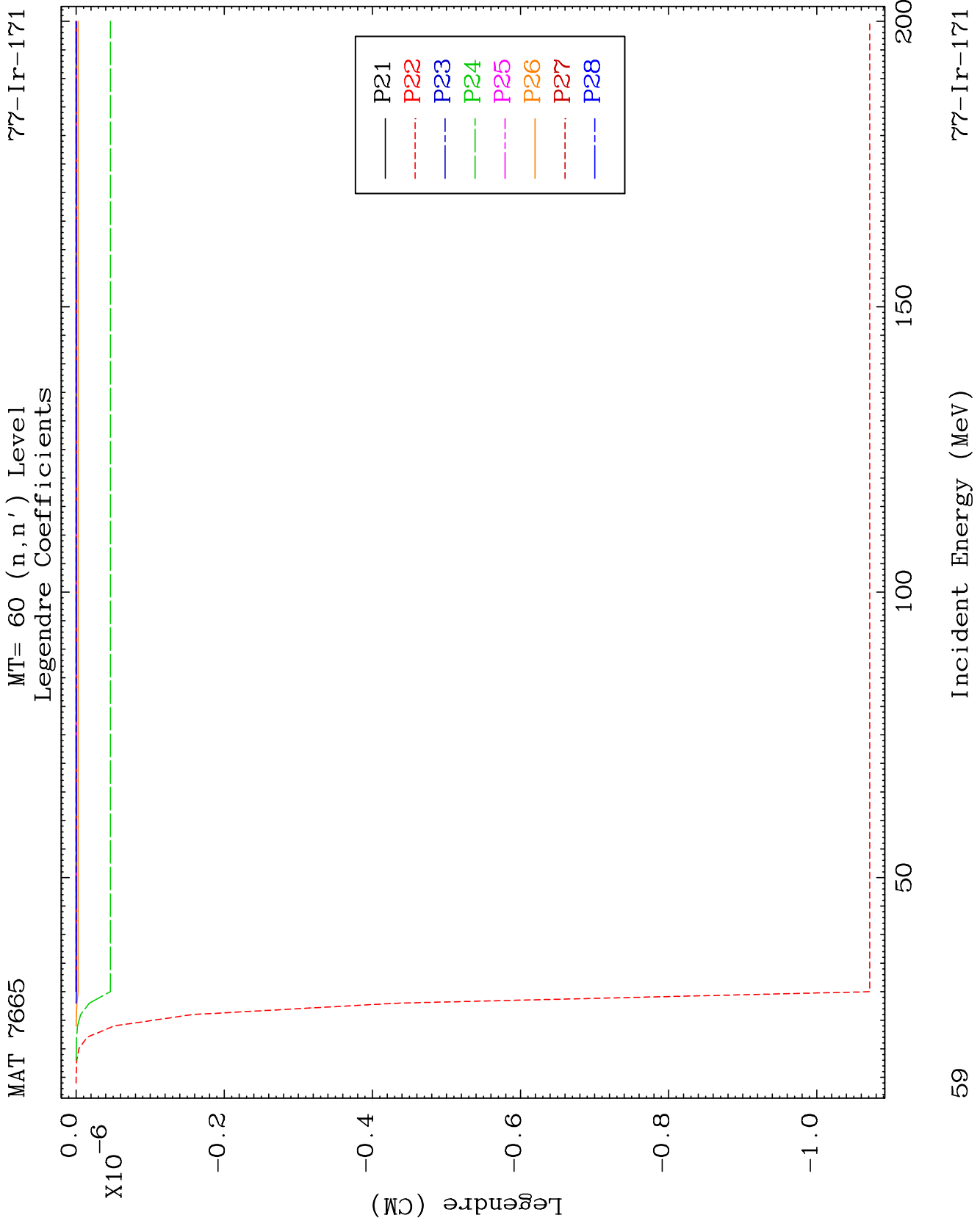
MT= 60 (n,n') Level  
Legendre Coefficients

77-Ir-171



58

77-Ir-171



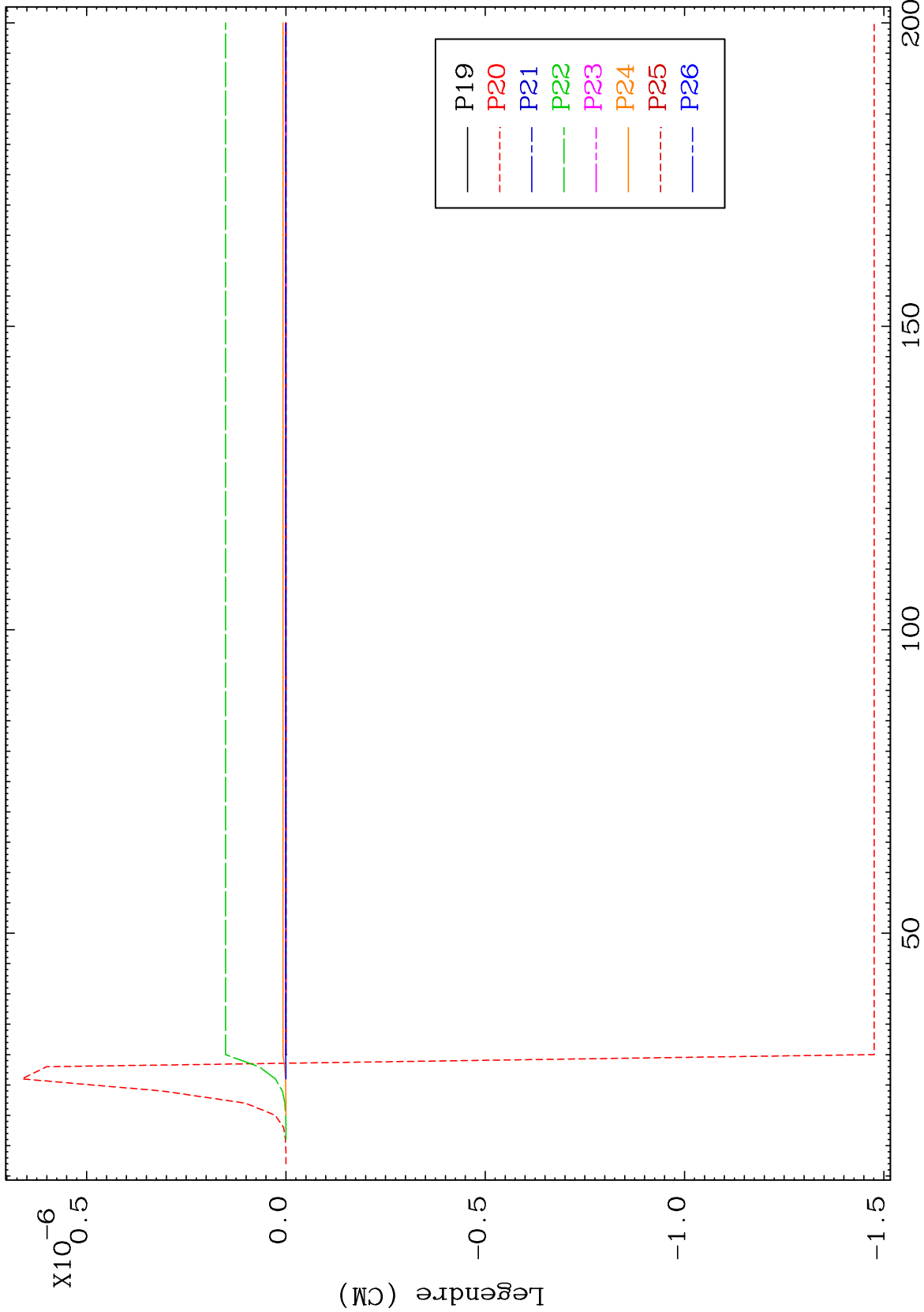




MAT 7665

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

77-Ir-171



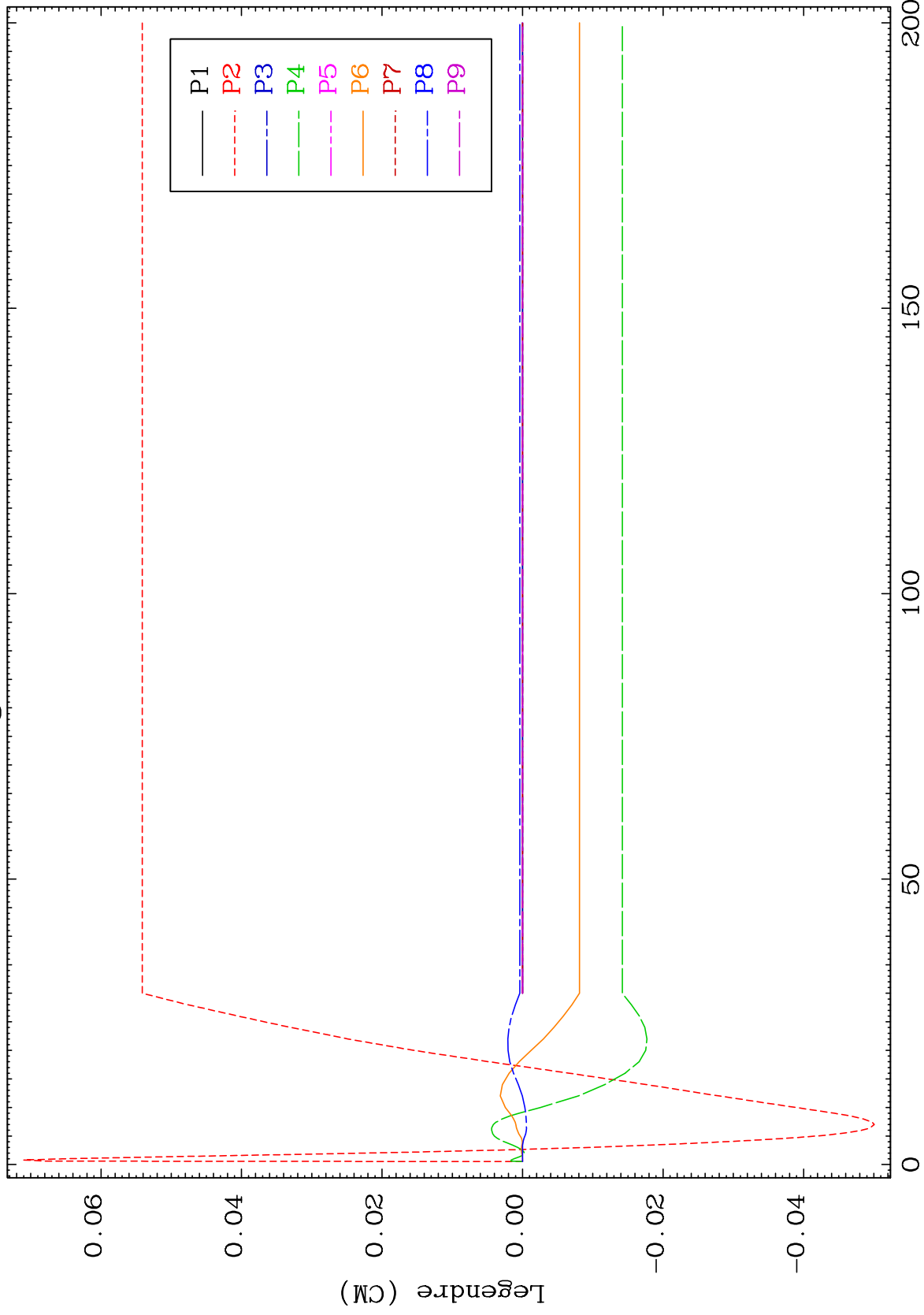
62

77-Ir-171

MAT 7665

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

77-Ir-171



63

Incident Energy (MeV)

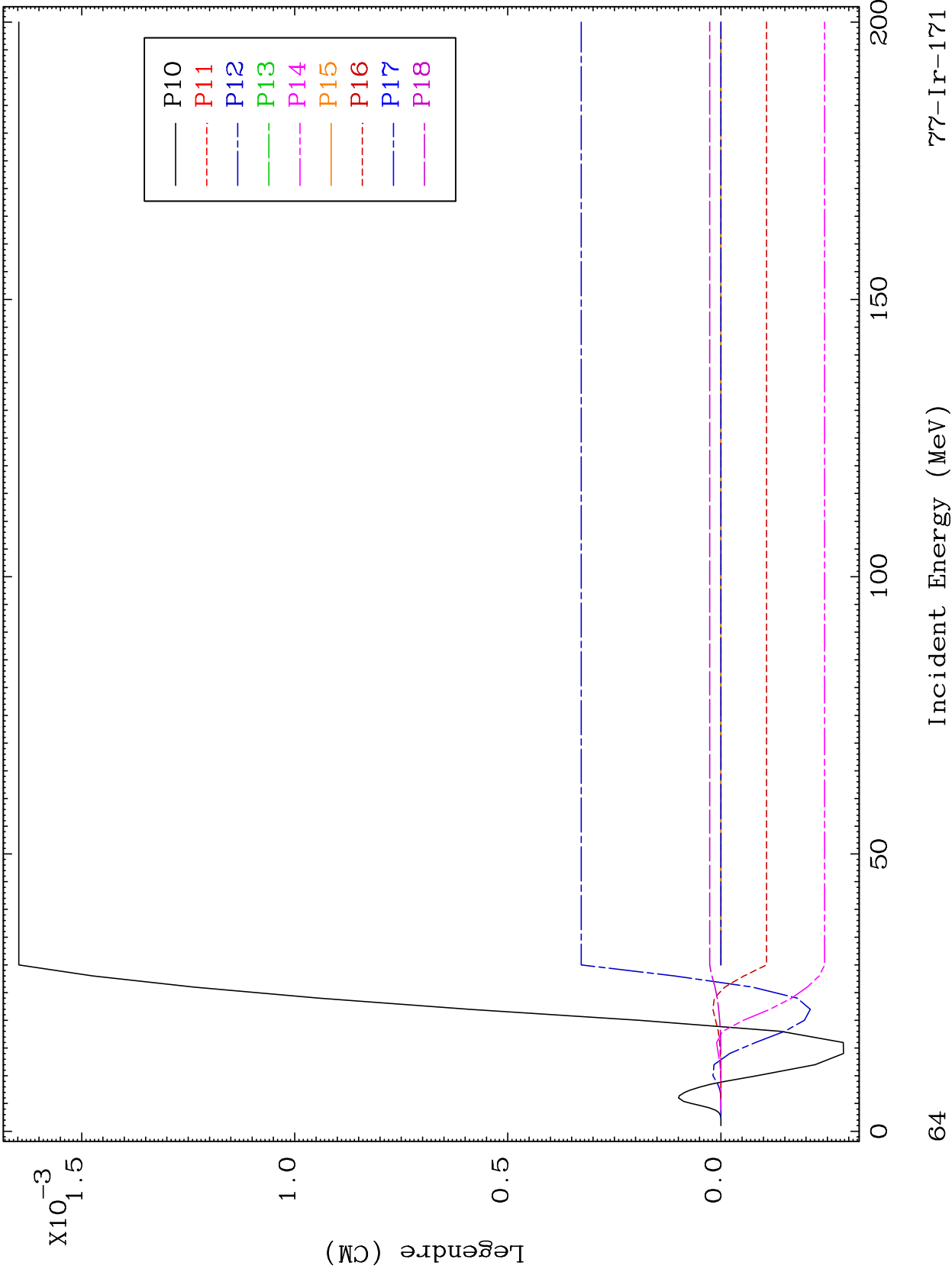
77-Ir-171



MAT 7665

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

77-Ir-171



64

Incident Energy (MeV)

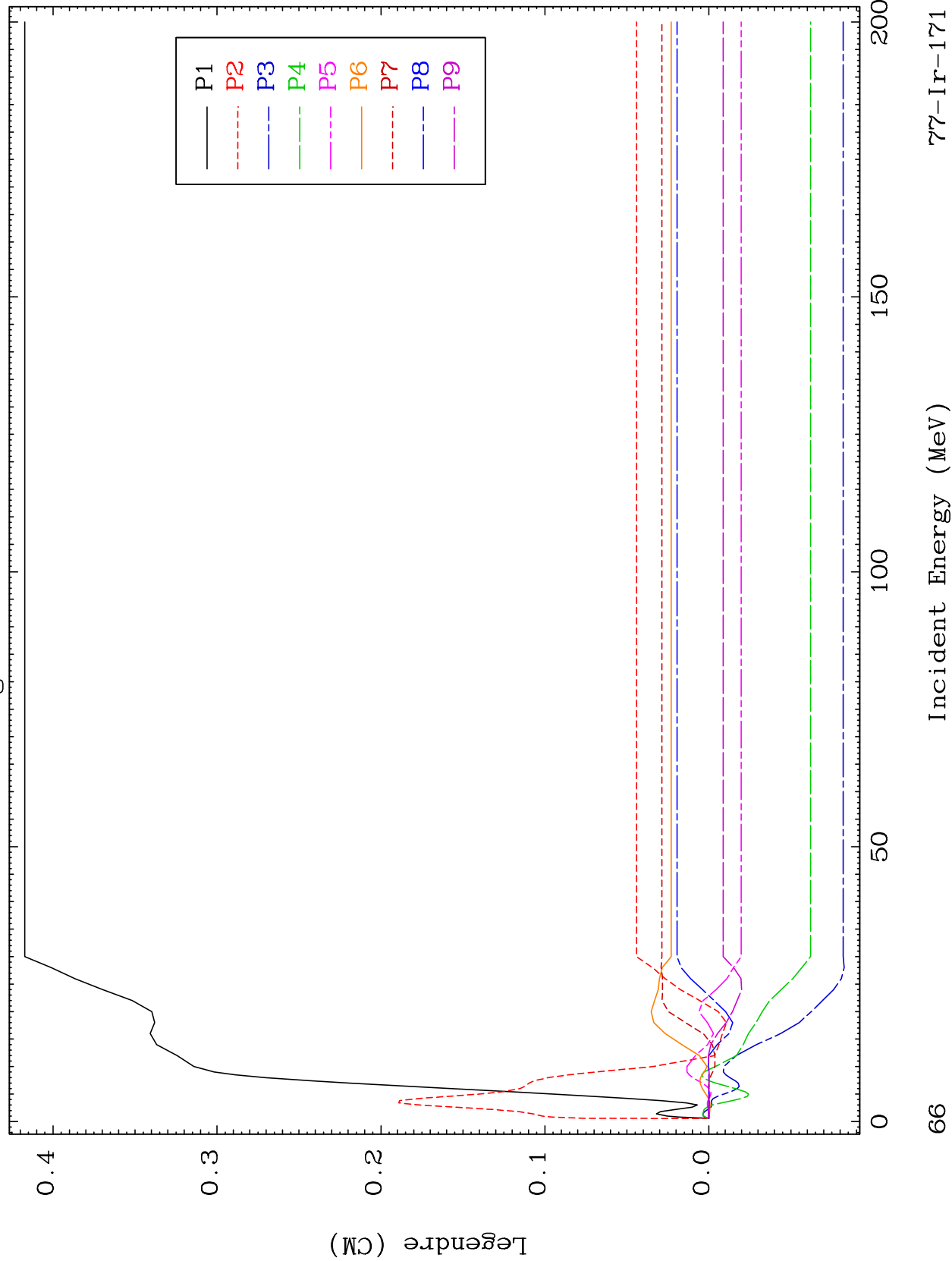
77-Ir-171



MAT 7665

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

77-Ir-171



66

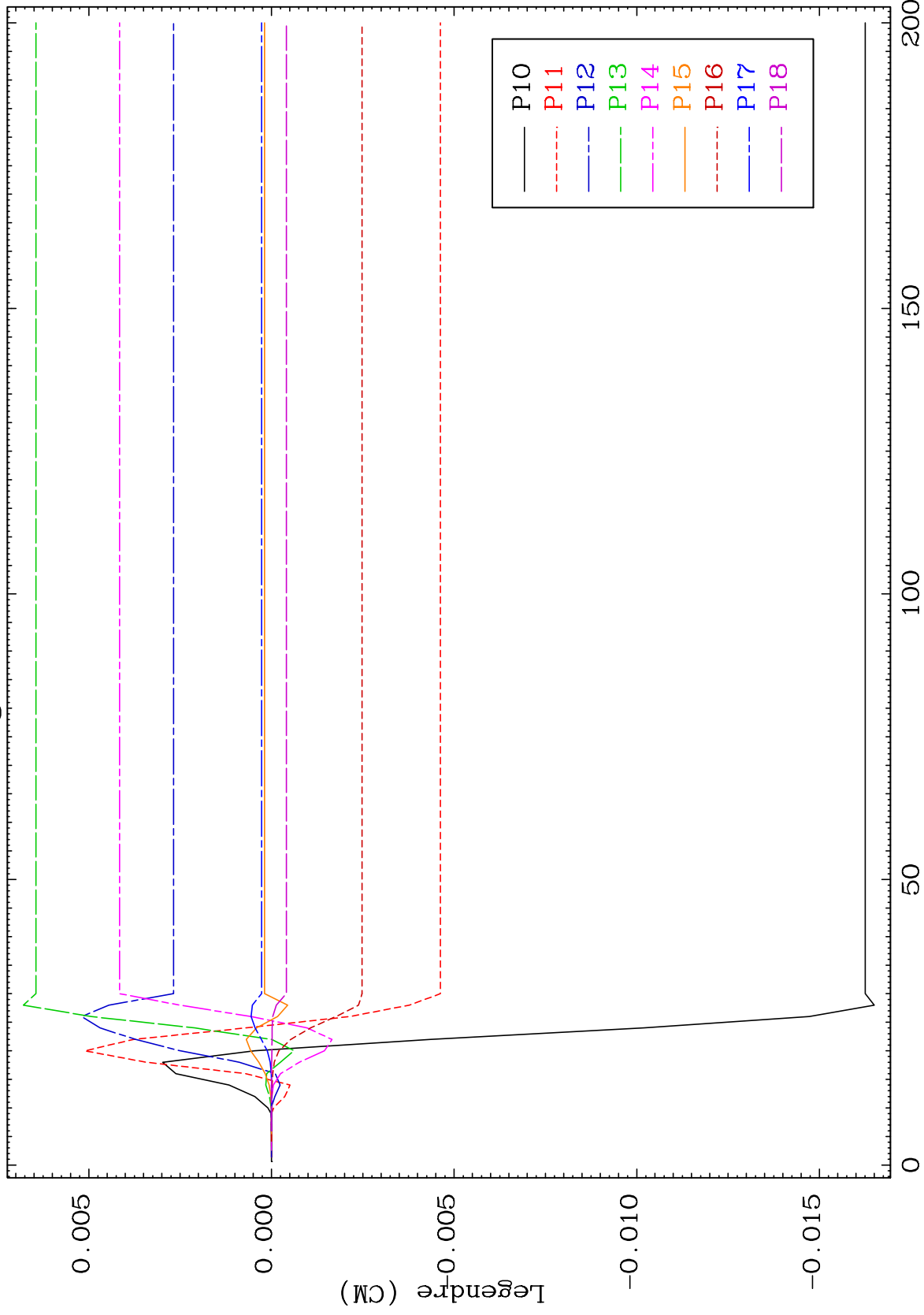
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

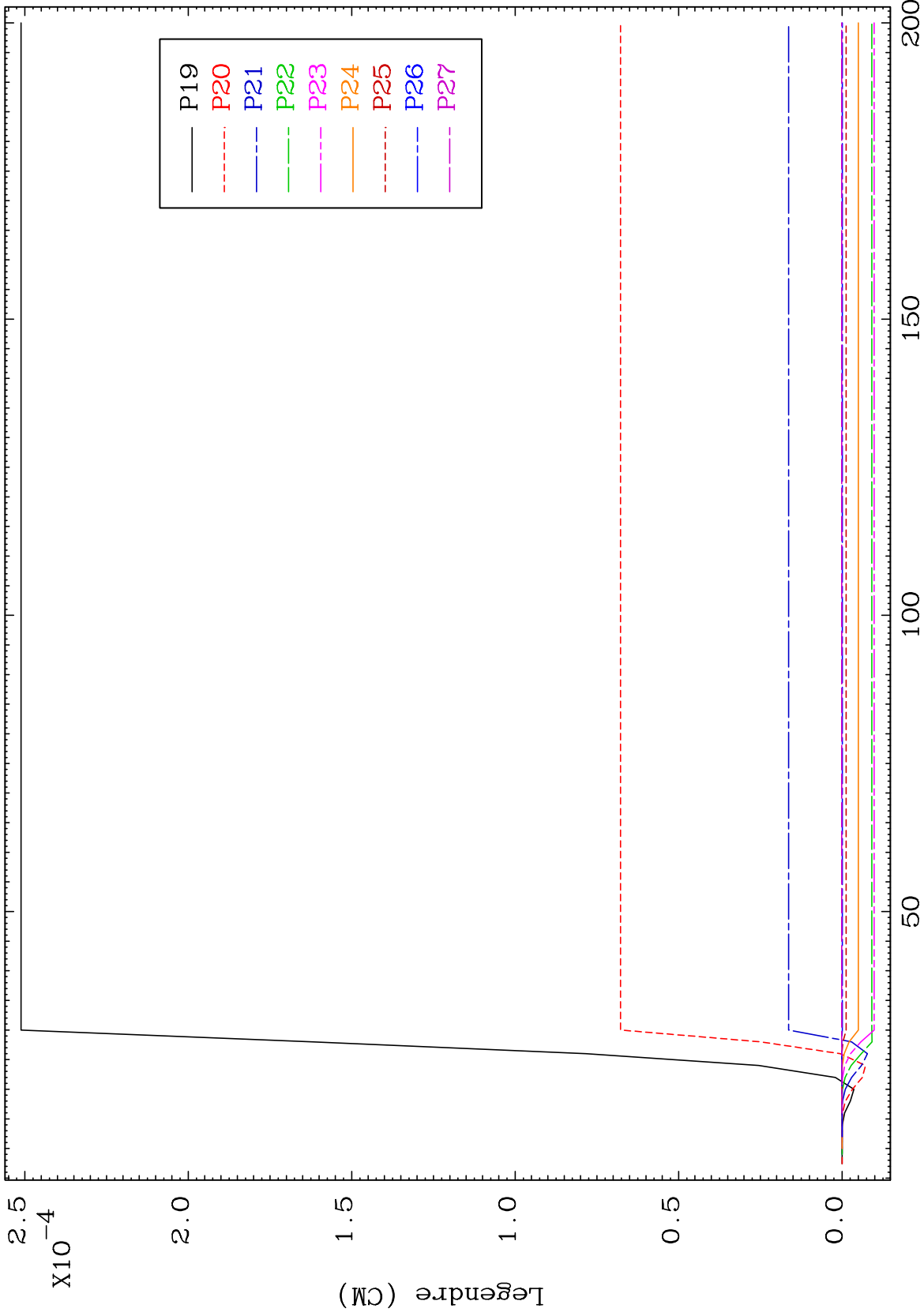
77-Ir-171



67

Incident Energy (MeV)

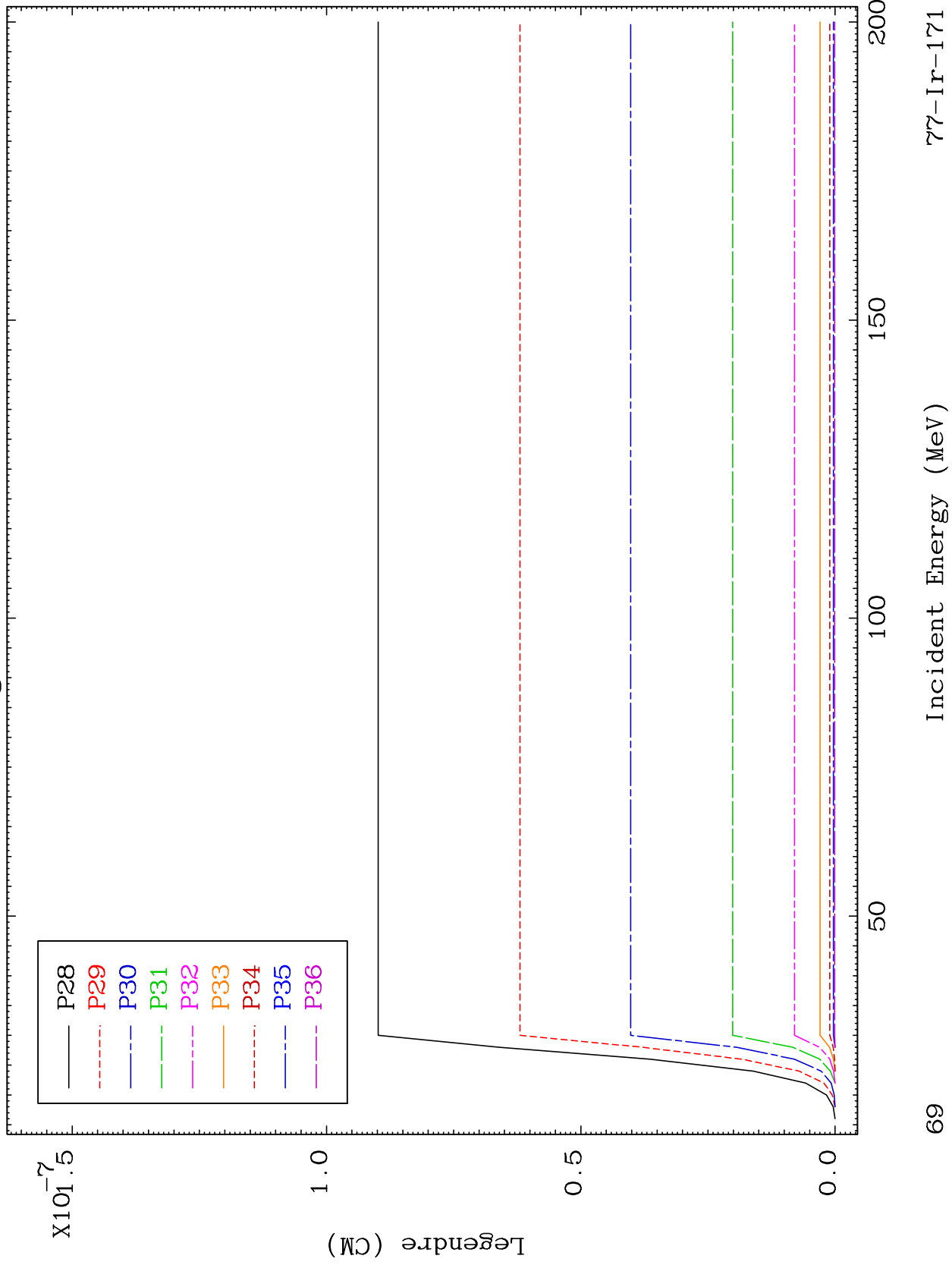
77-Ir-171



MAT 7665

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

77-Ir-171



69

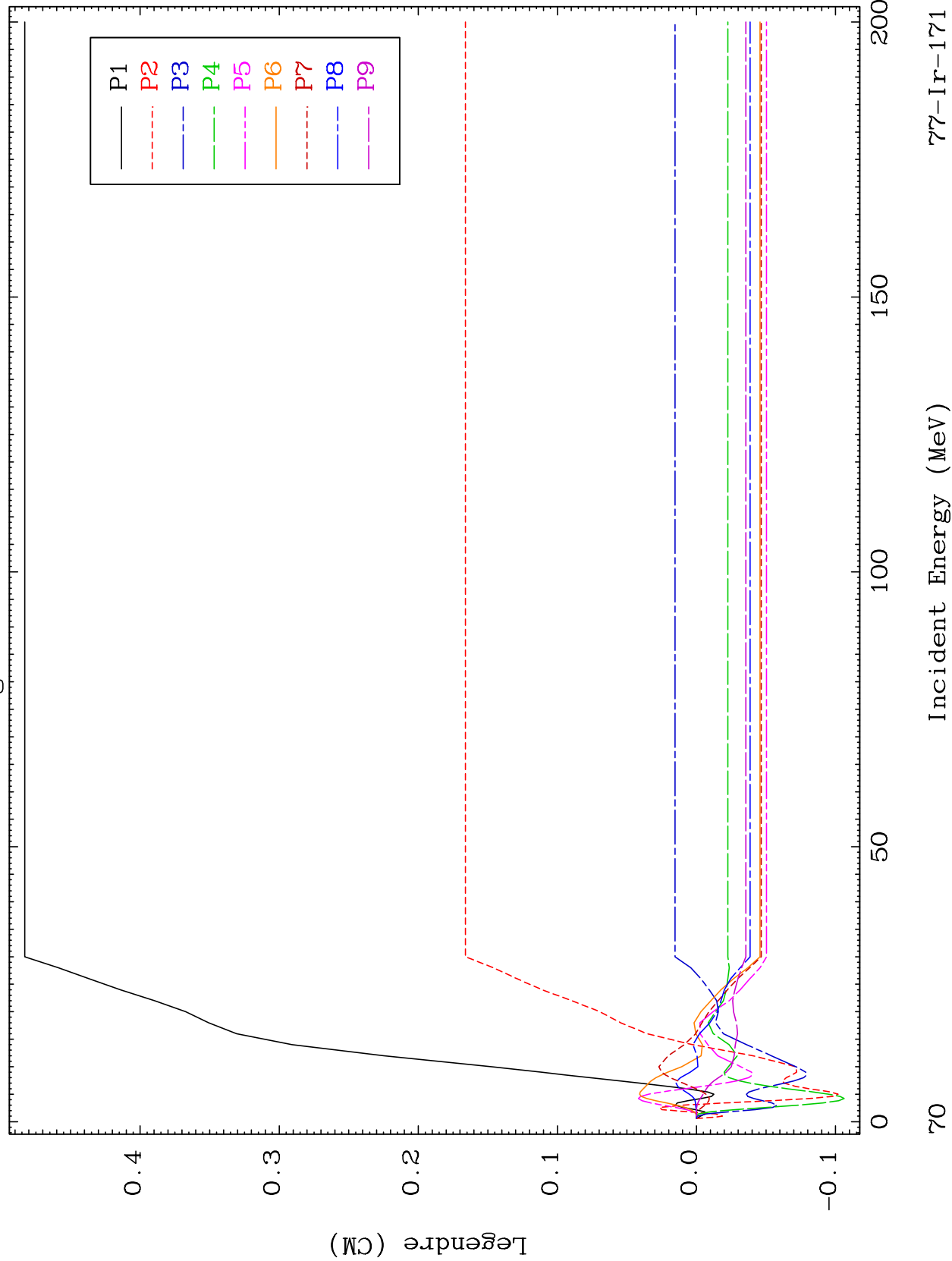
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

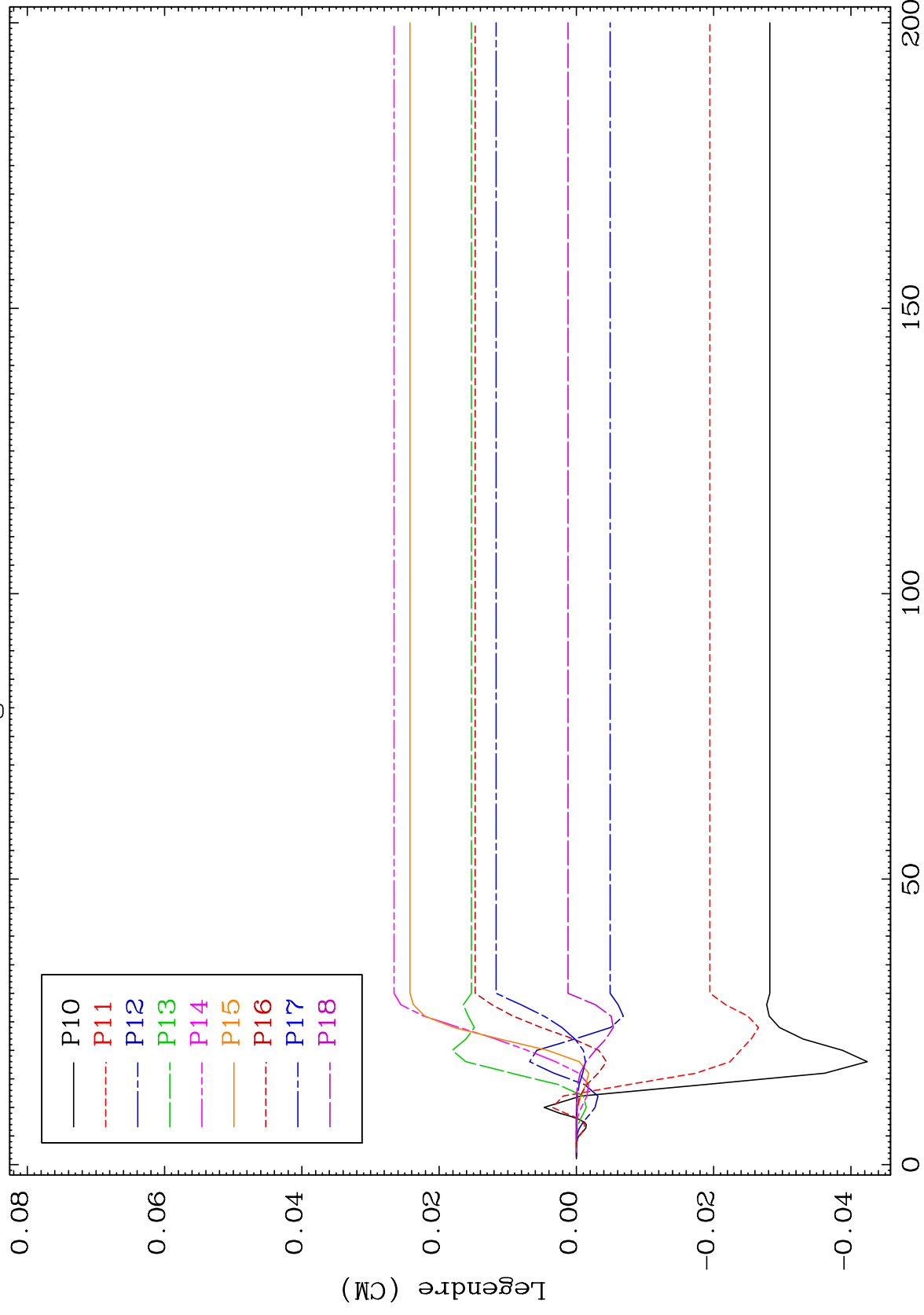
Incident Energy (MeV)

70

MAT 7665

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

77-Ir-171



71

Incident Energy (MeV)

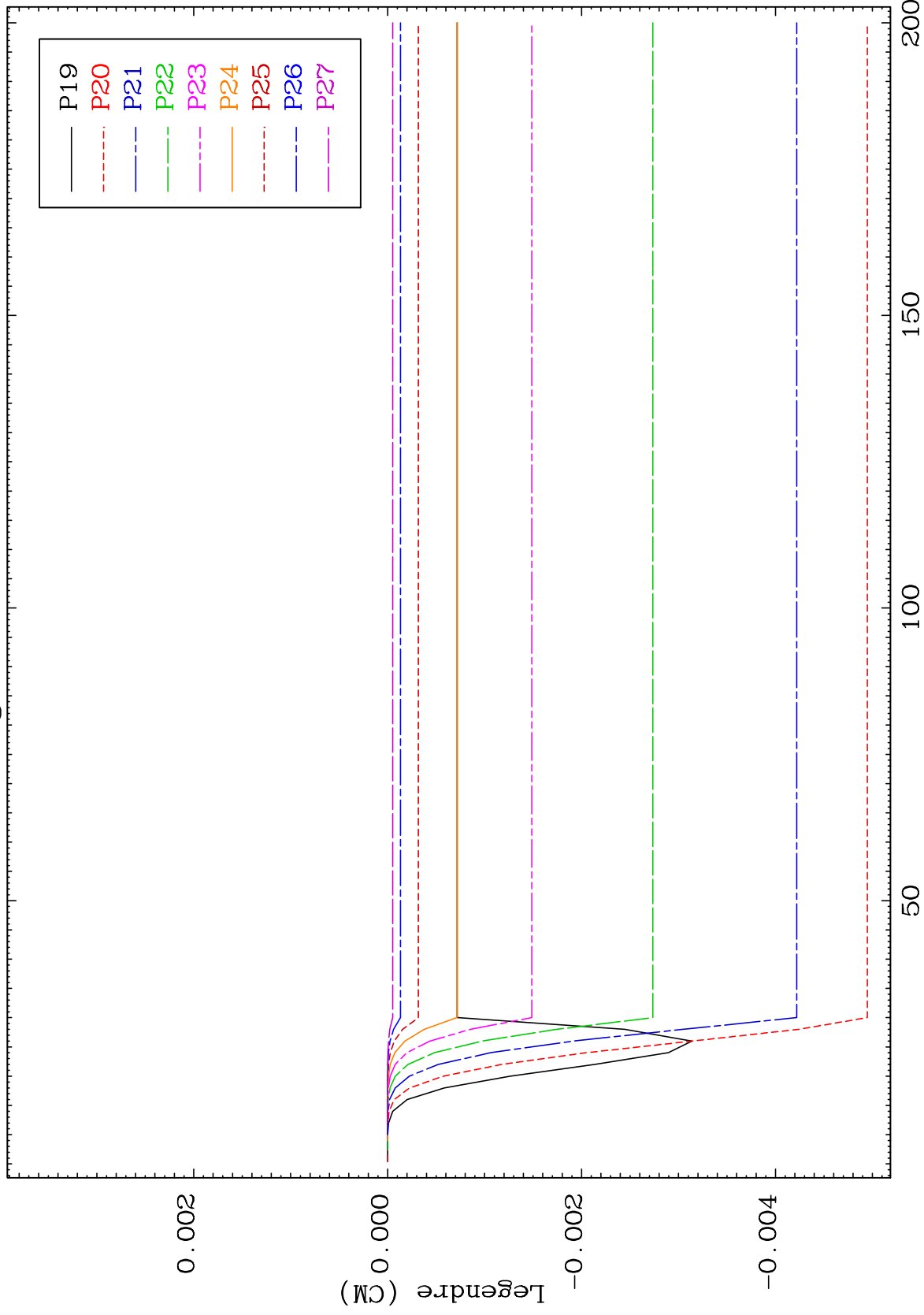
77-Ir-171



MAT 7665

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

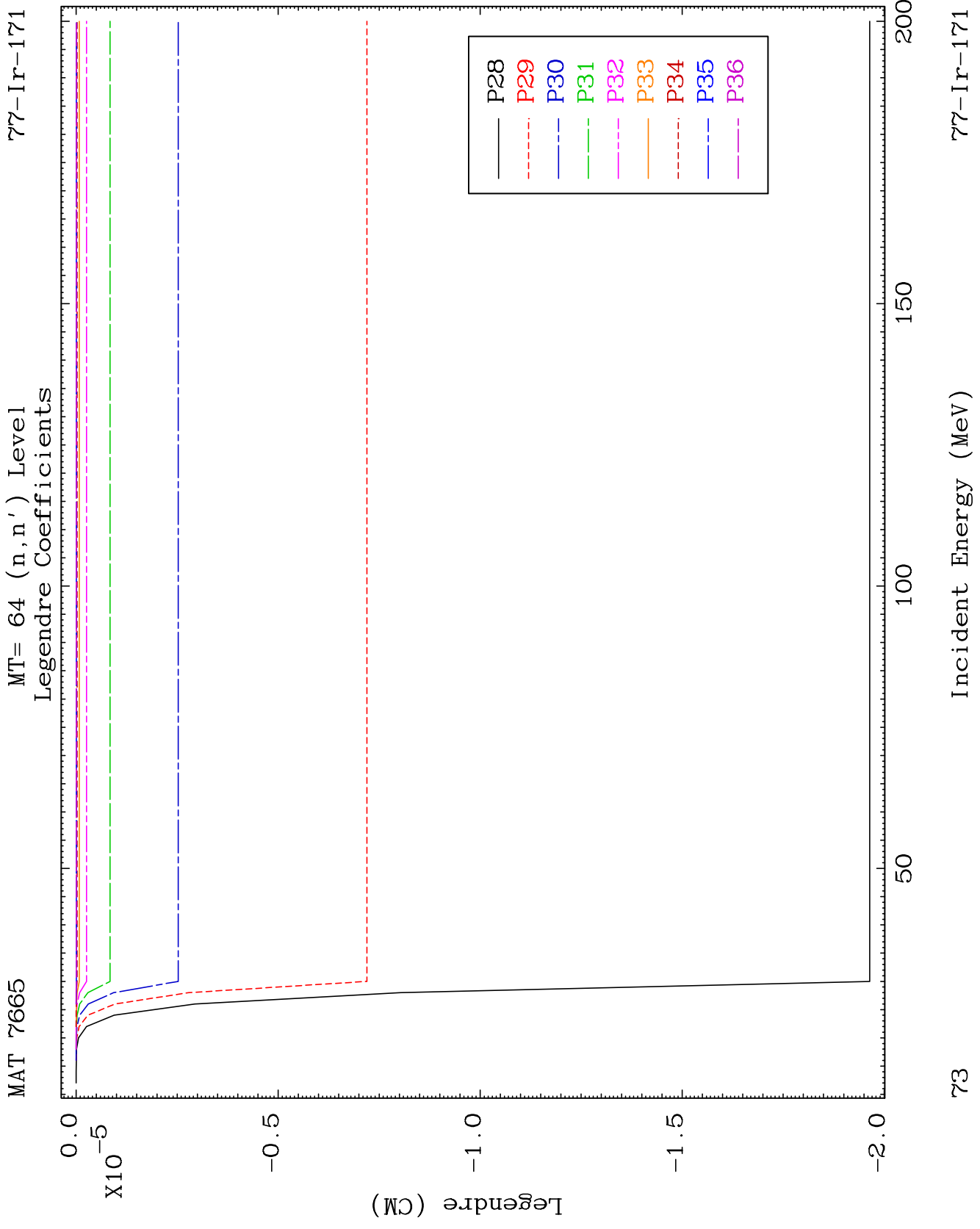
77-Ir-171



72

Incident Energy (MeV)

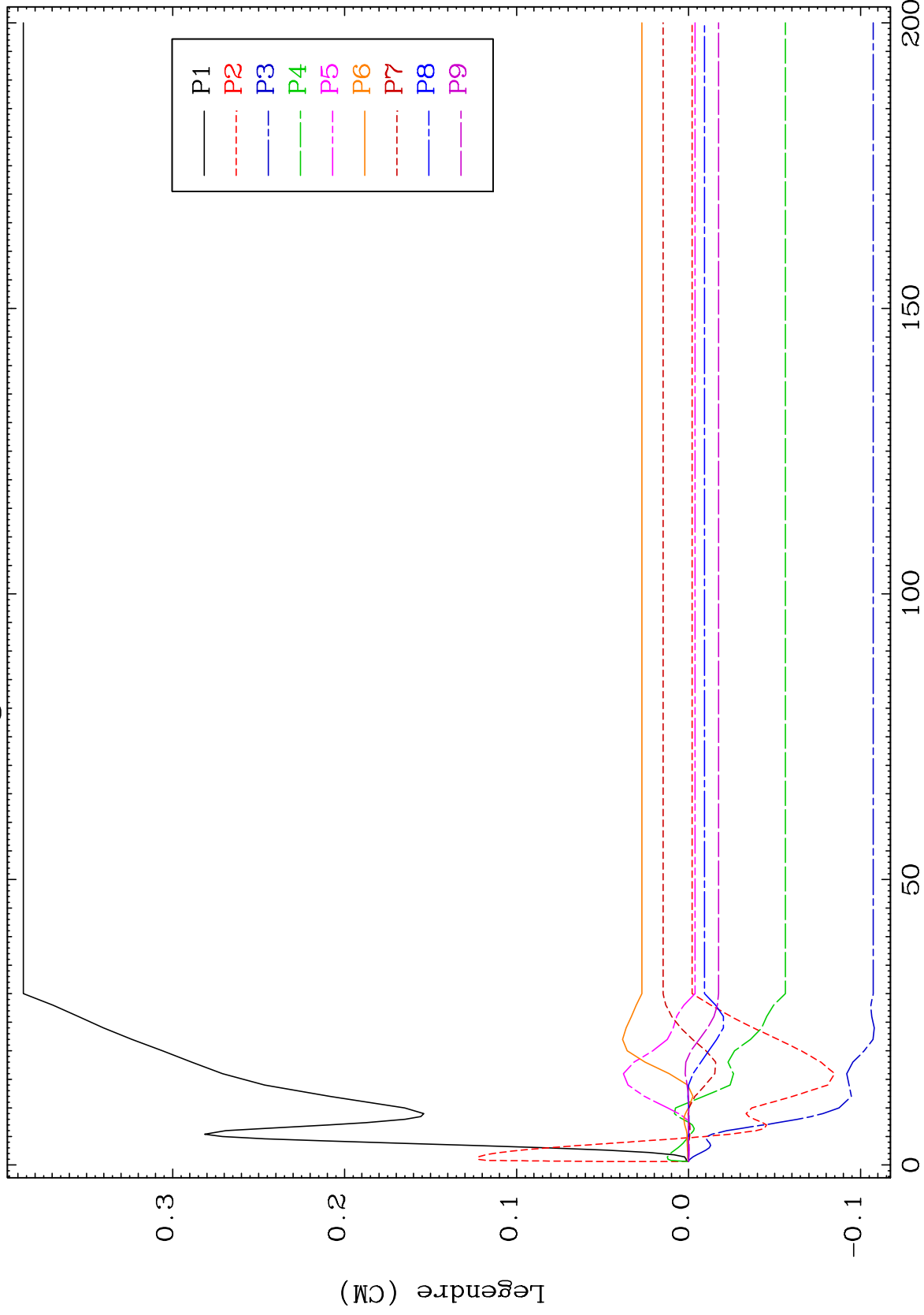
77-Ir-171



MAT 7665

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

77-Ir-171



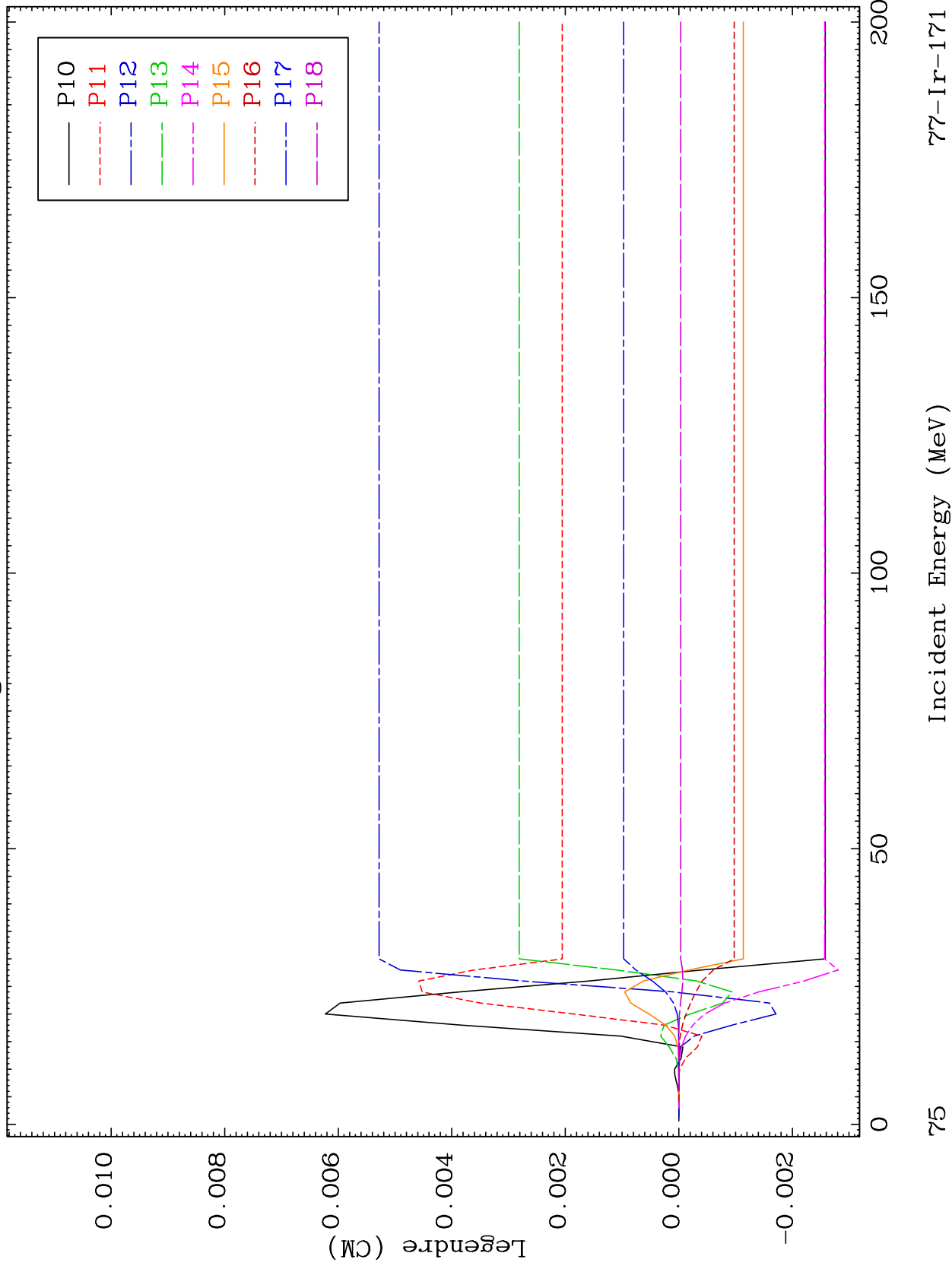
74

77-Ir-171

MAT 7665

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

77-Ir-171



75

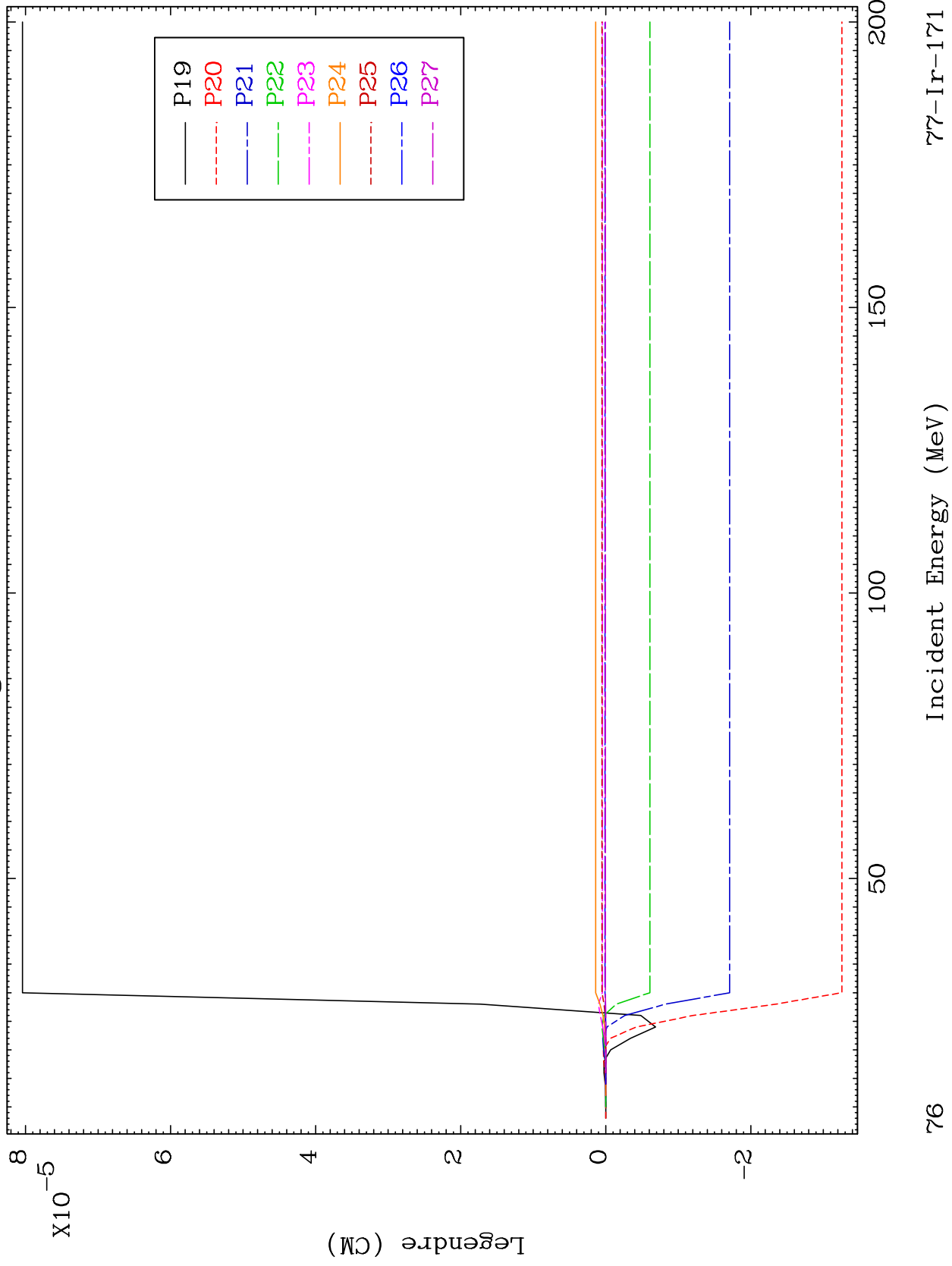
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

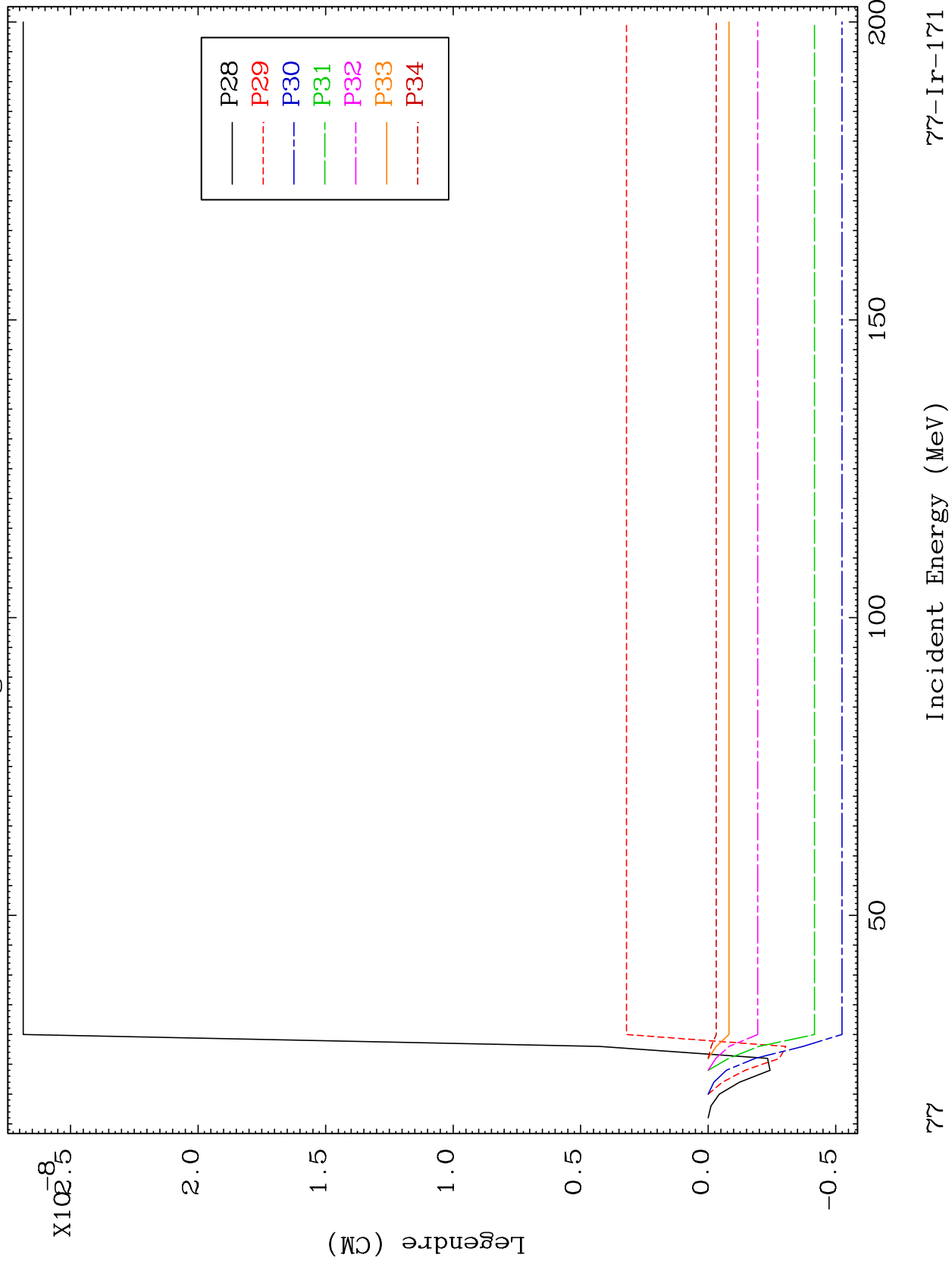
77-Ir-171



MAT 7665

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

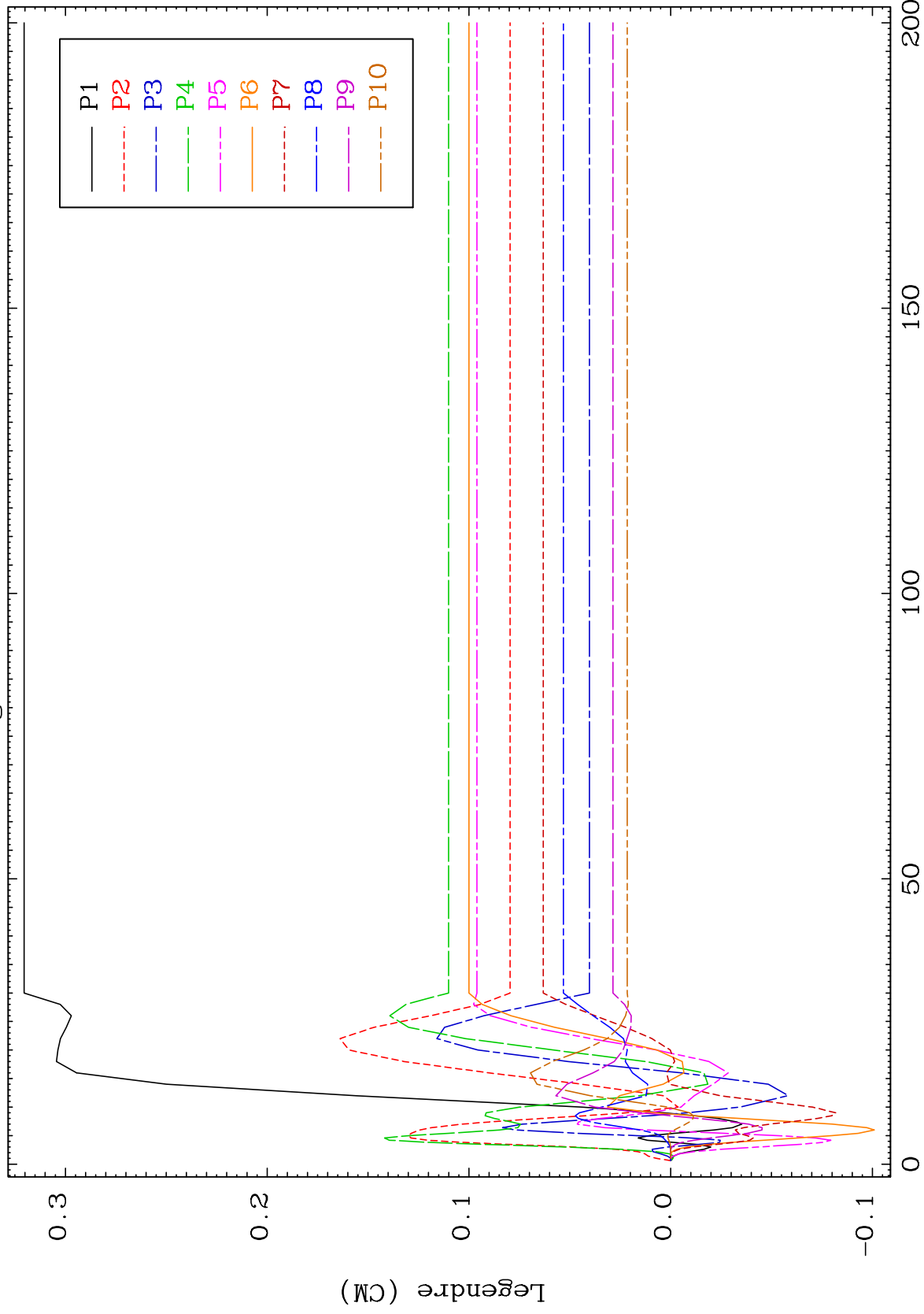
77-Ir-171



MAT 7665

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

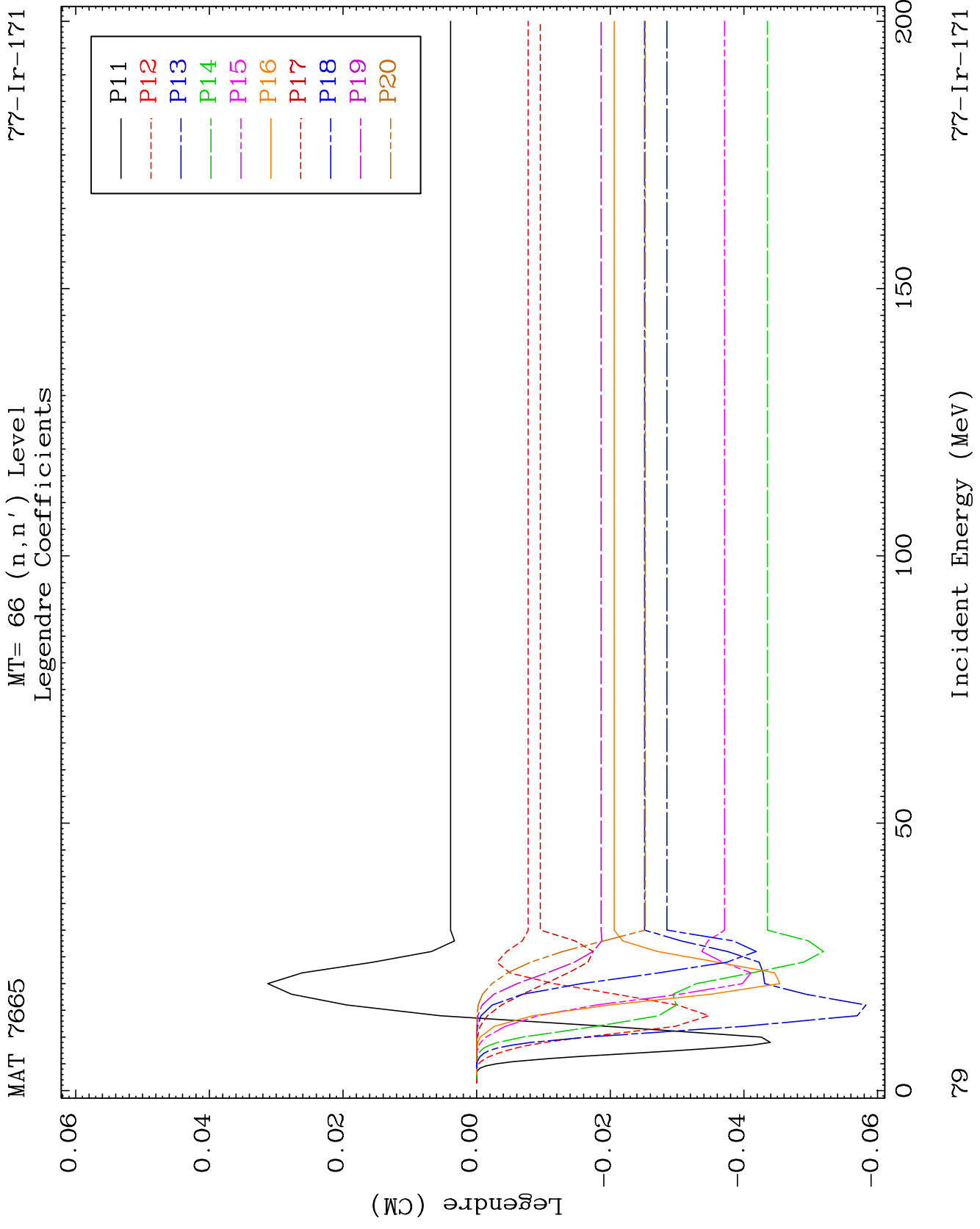
77-Ir-171



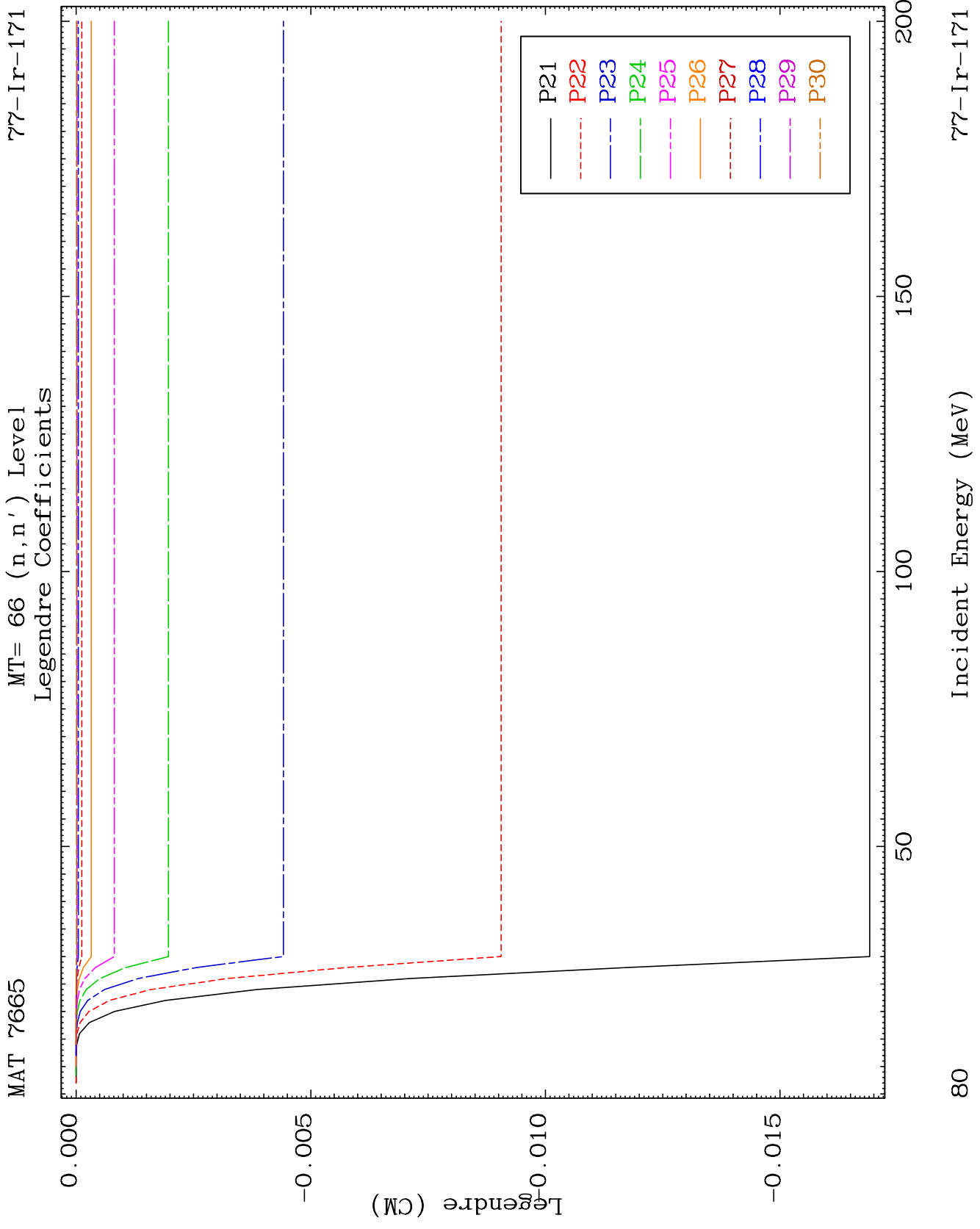
78

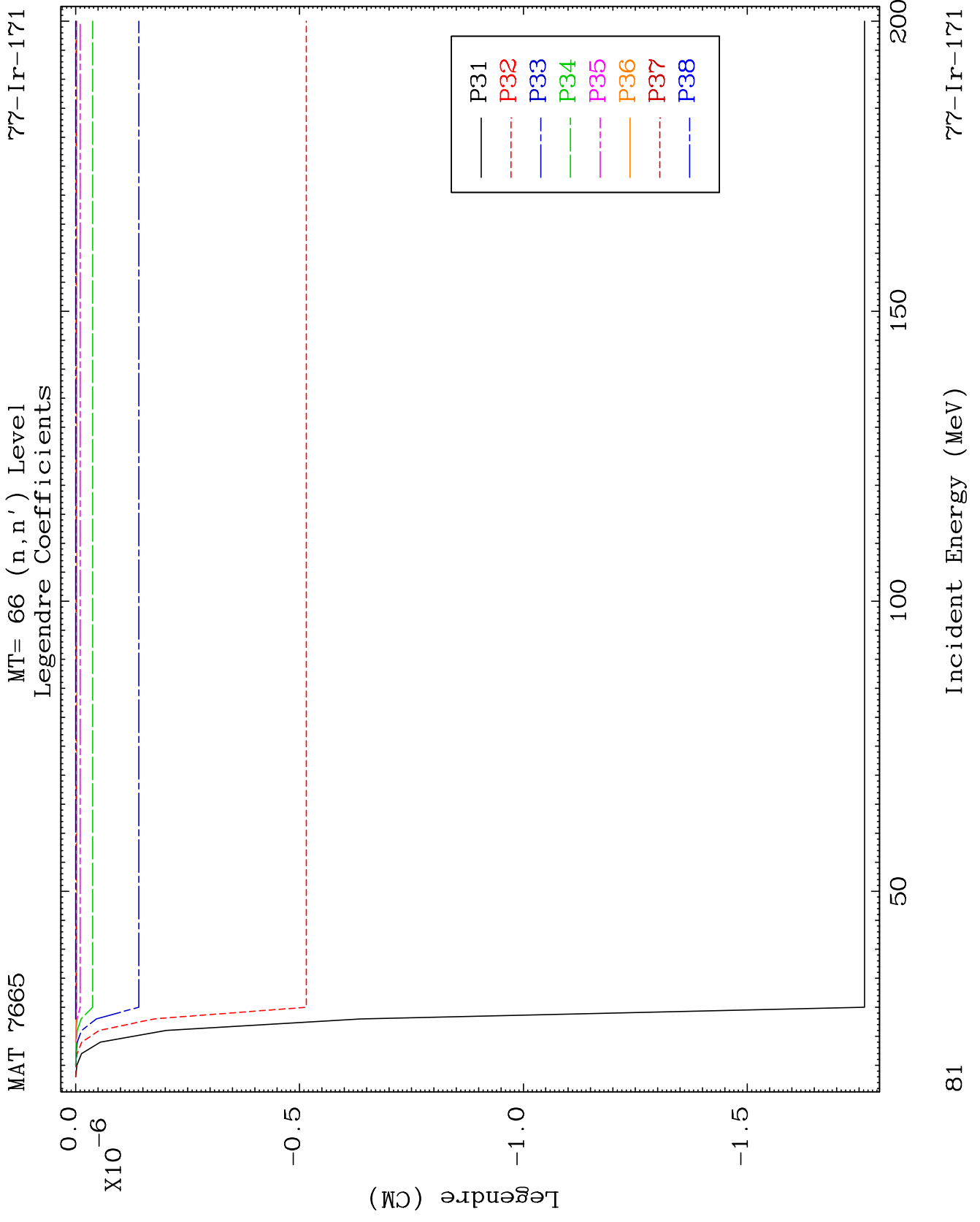
Incident Energy (MeV)

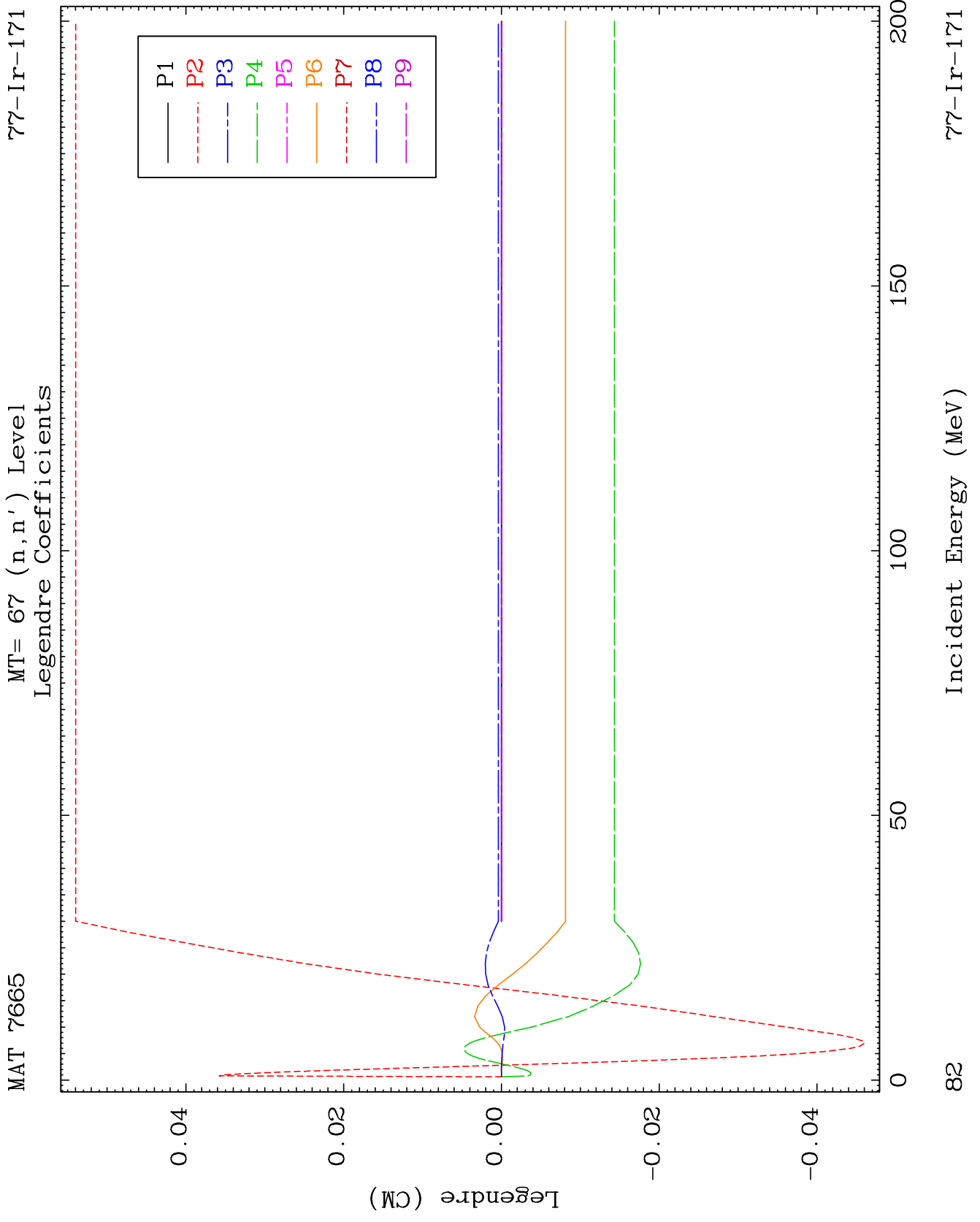
77-Ir-171







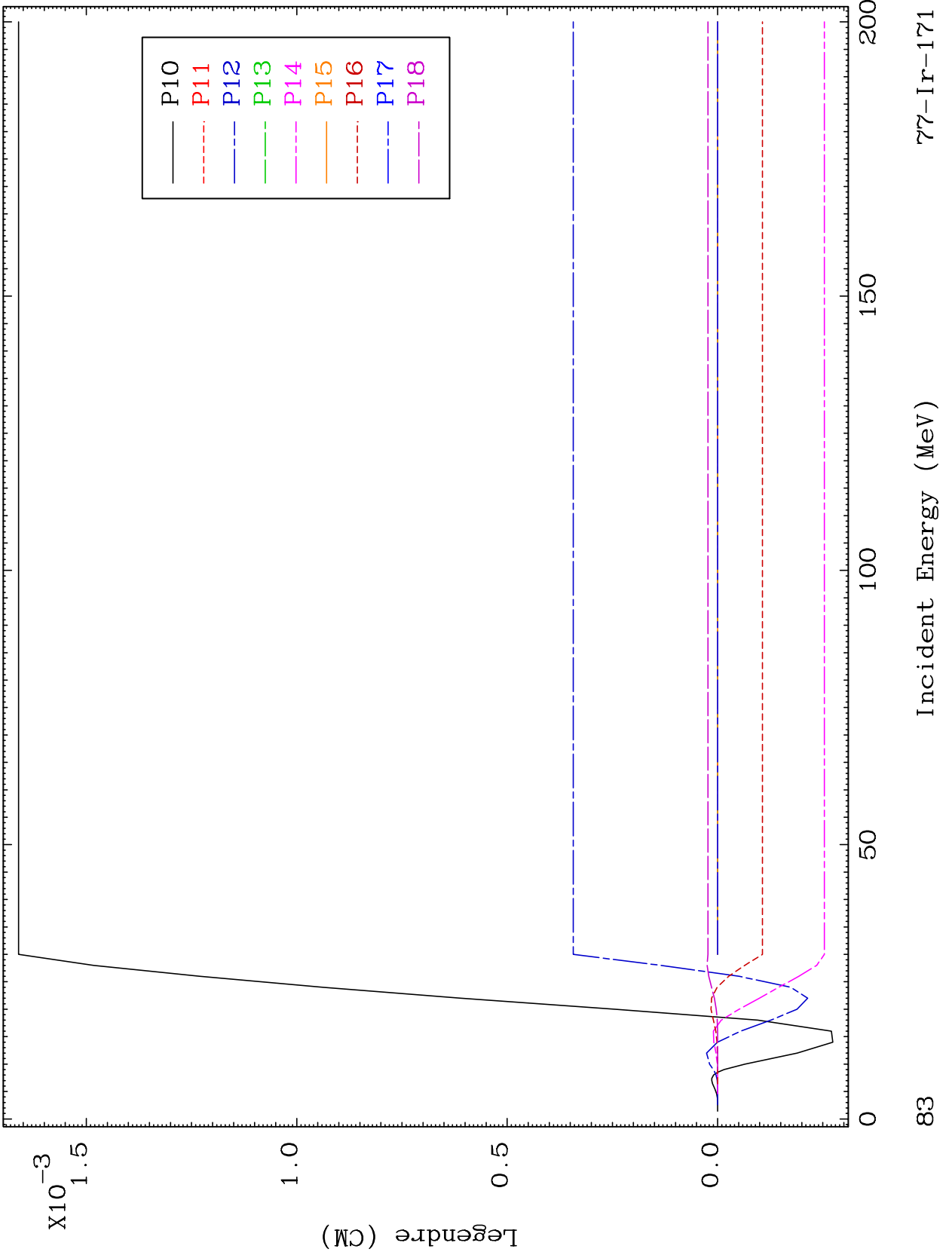




MAT 7665

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

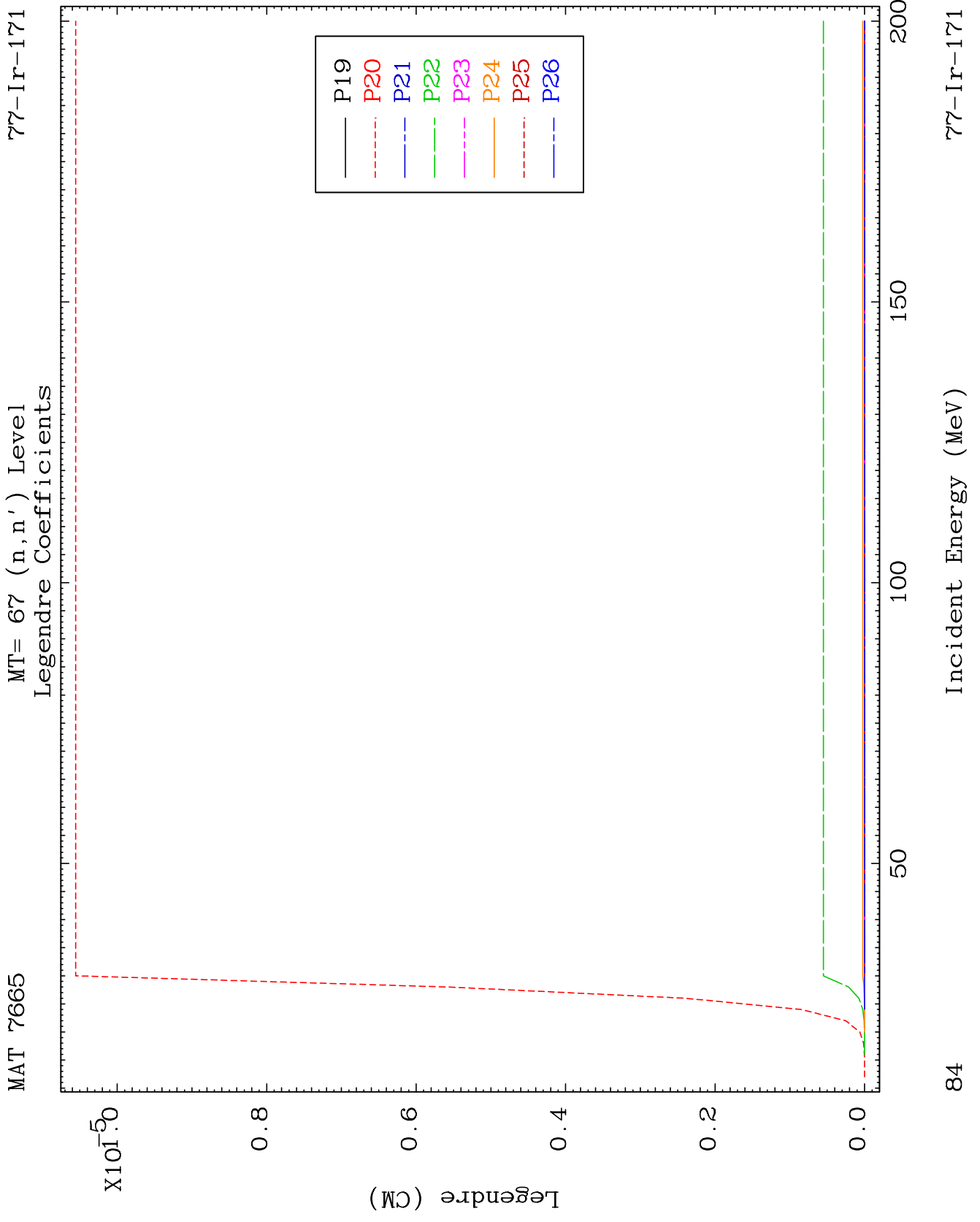
77-Ir-171



83

Incident Energy (MeV)

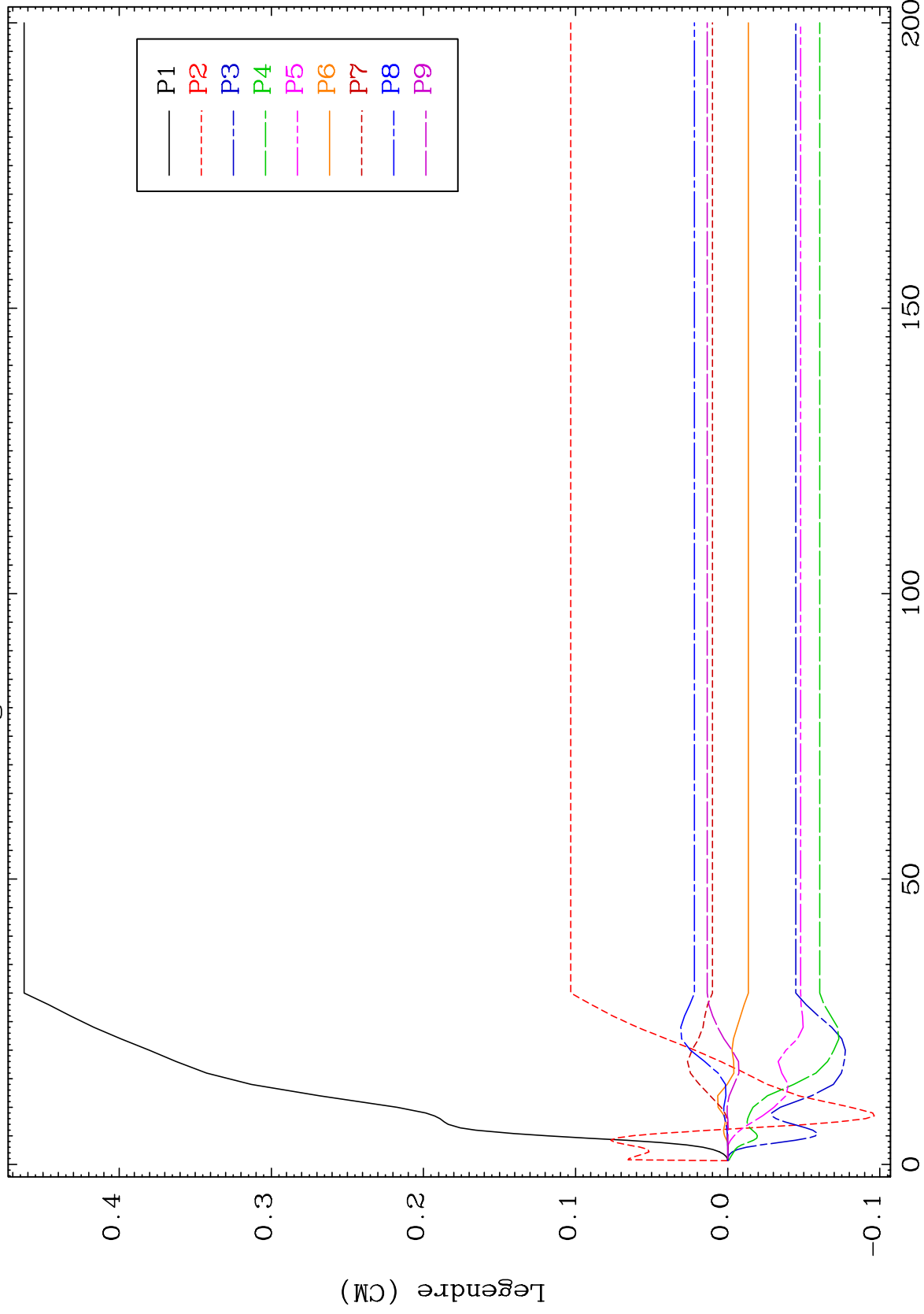
77-Ir-171



MAT 7665

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

77-Ir-171



85

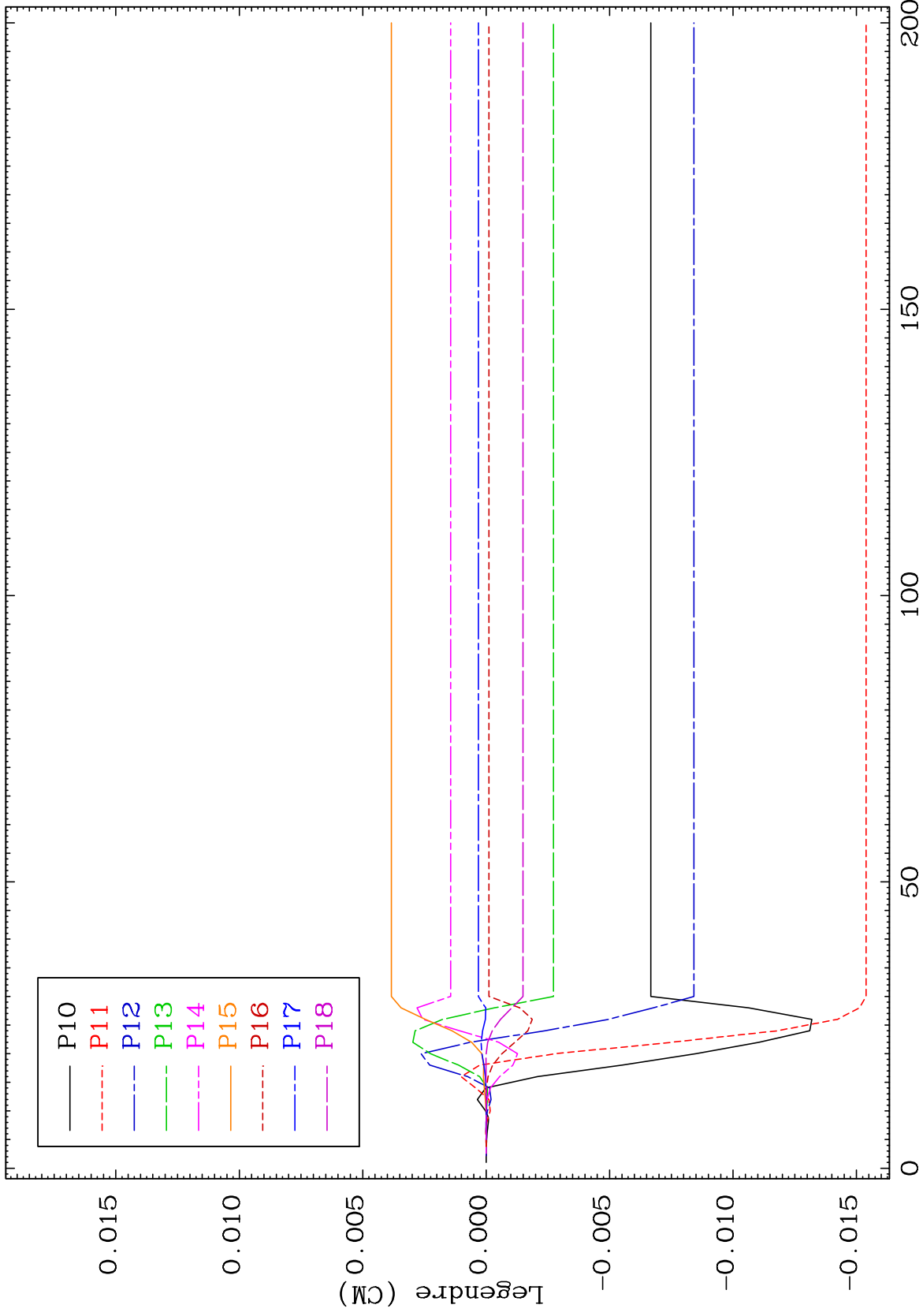
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

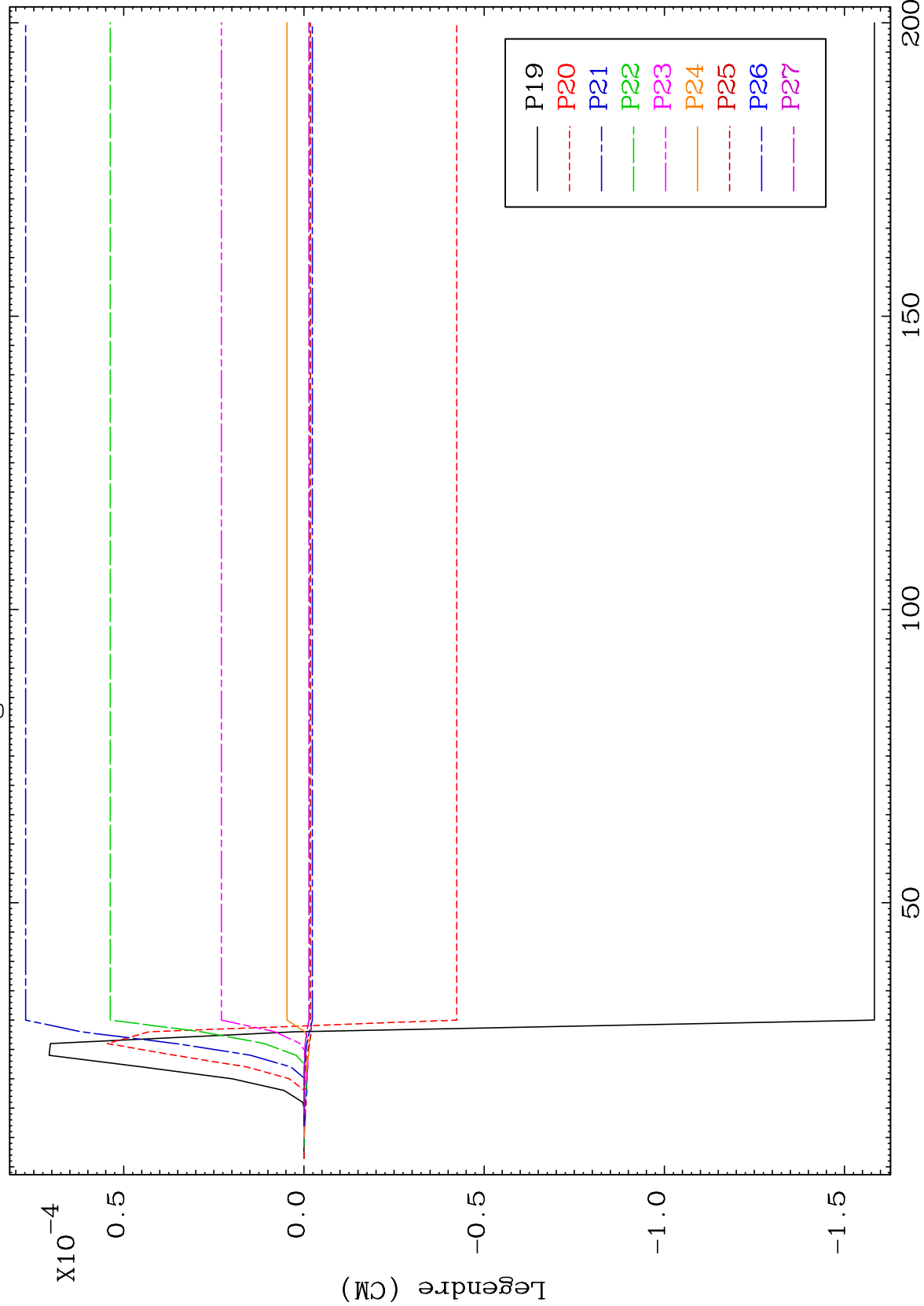
77-Ir-171



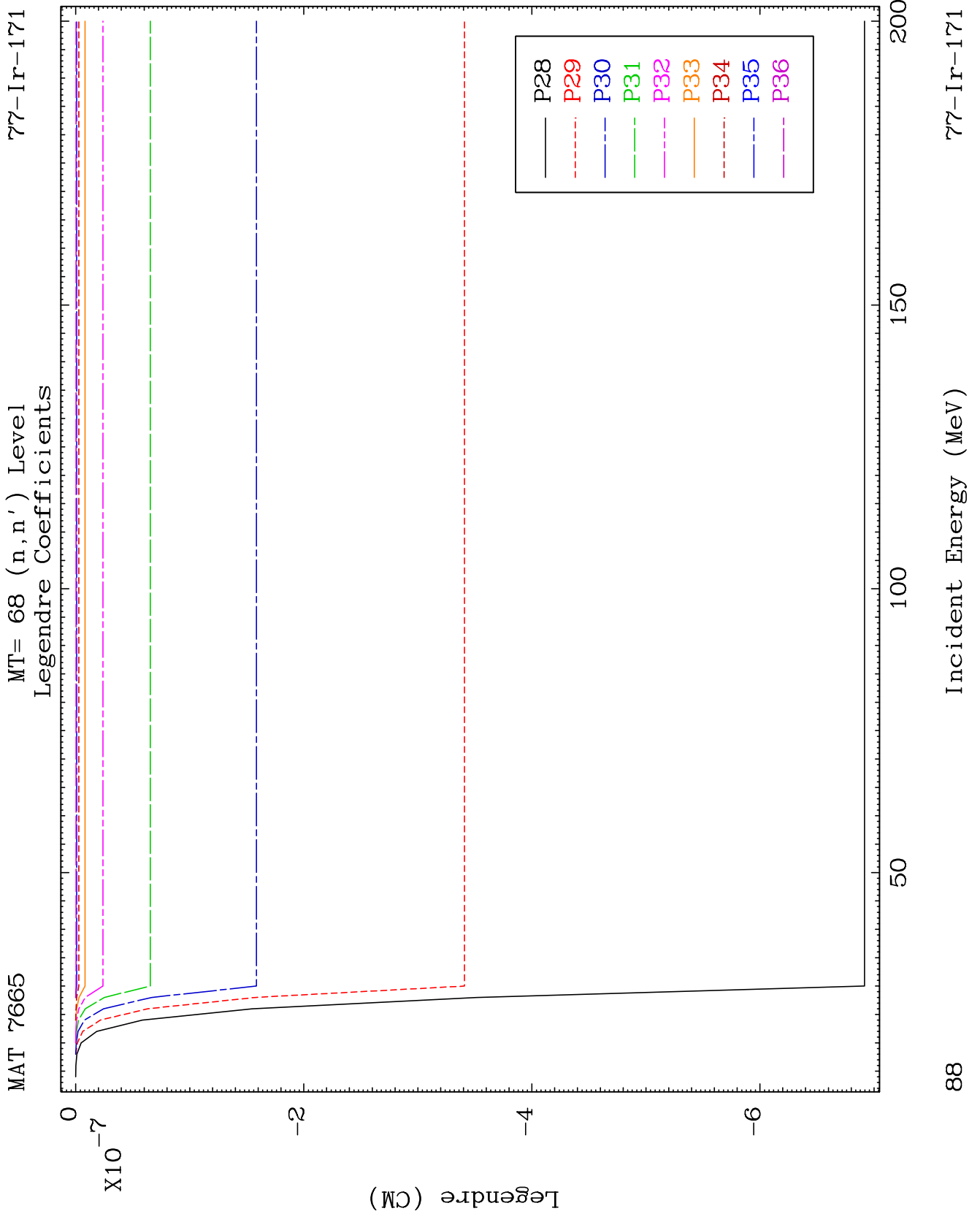
86

Incident Energy (MeV)

77-Ir-171



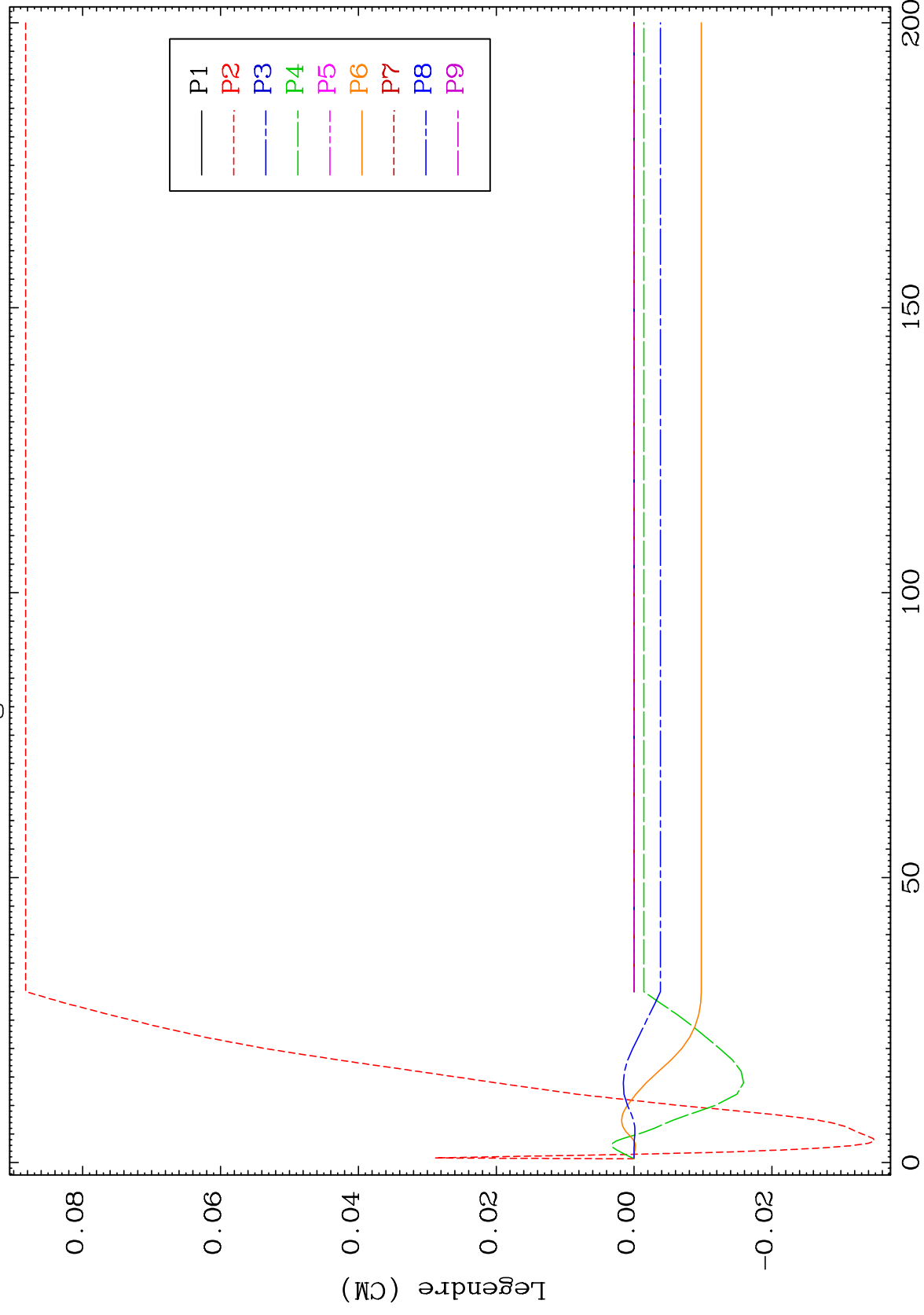




MAT 7665

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

77-Ir-171



89

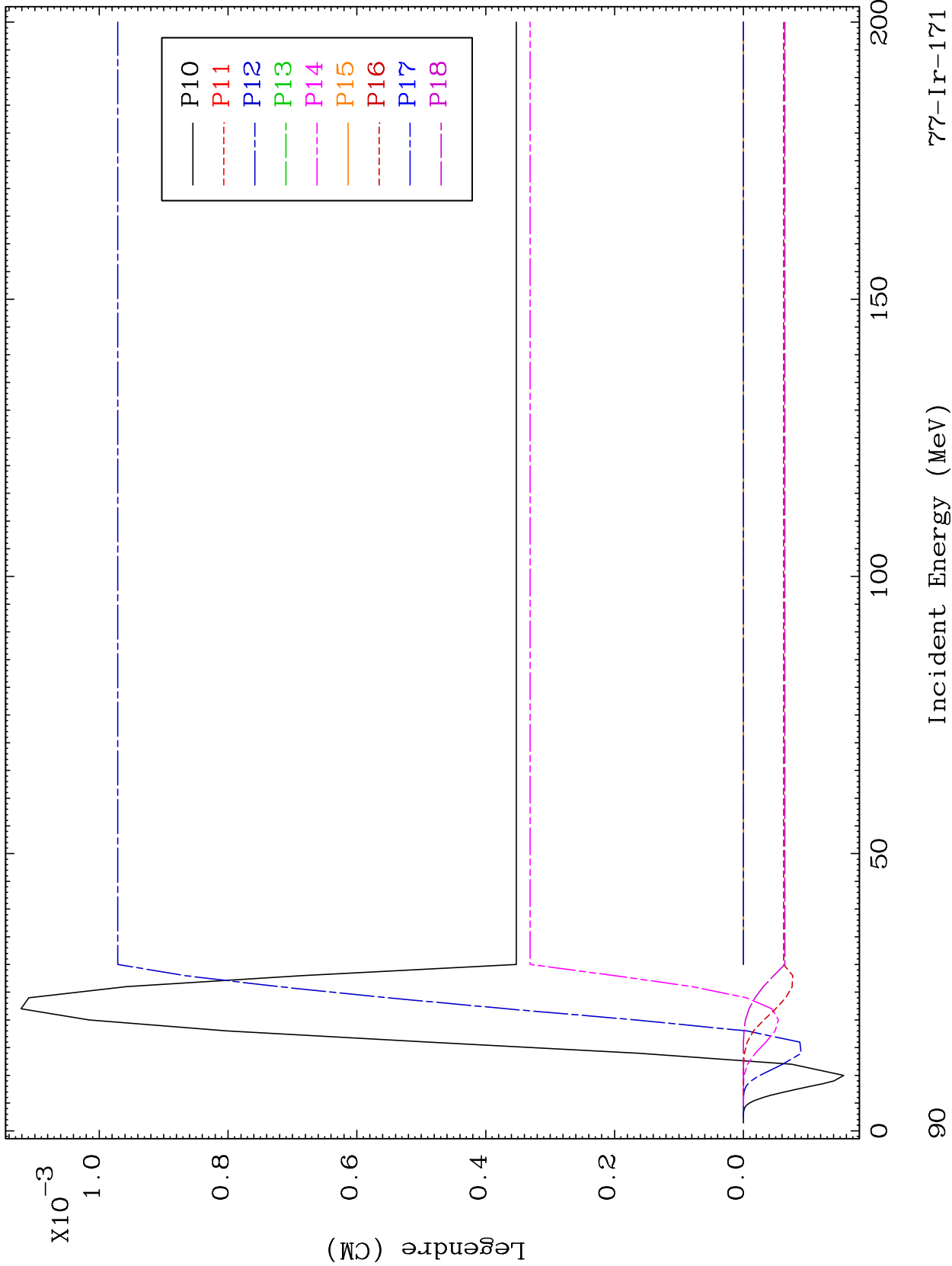
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

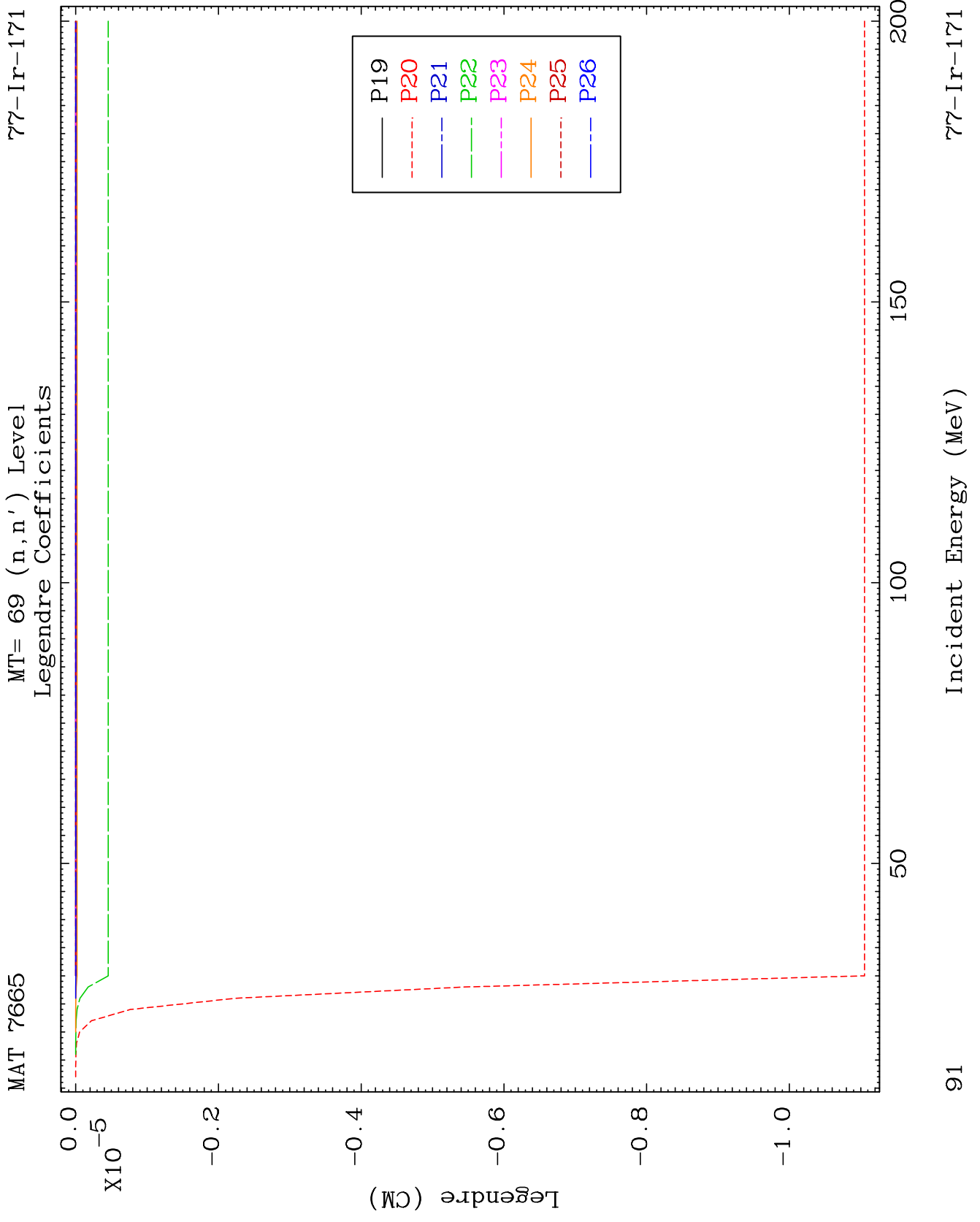
77-Ir-171



77-Ir-171

Incident Energy (MeV)

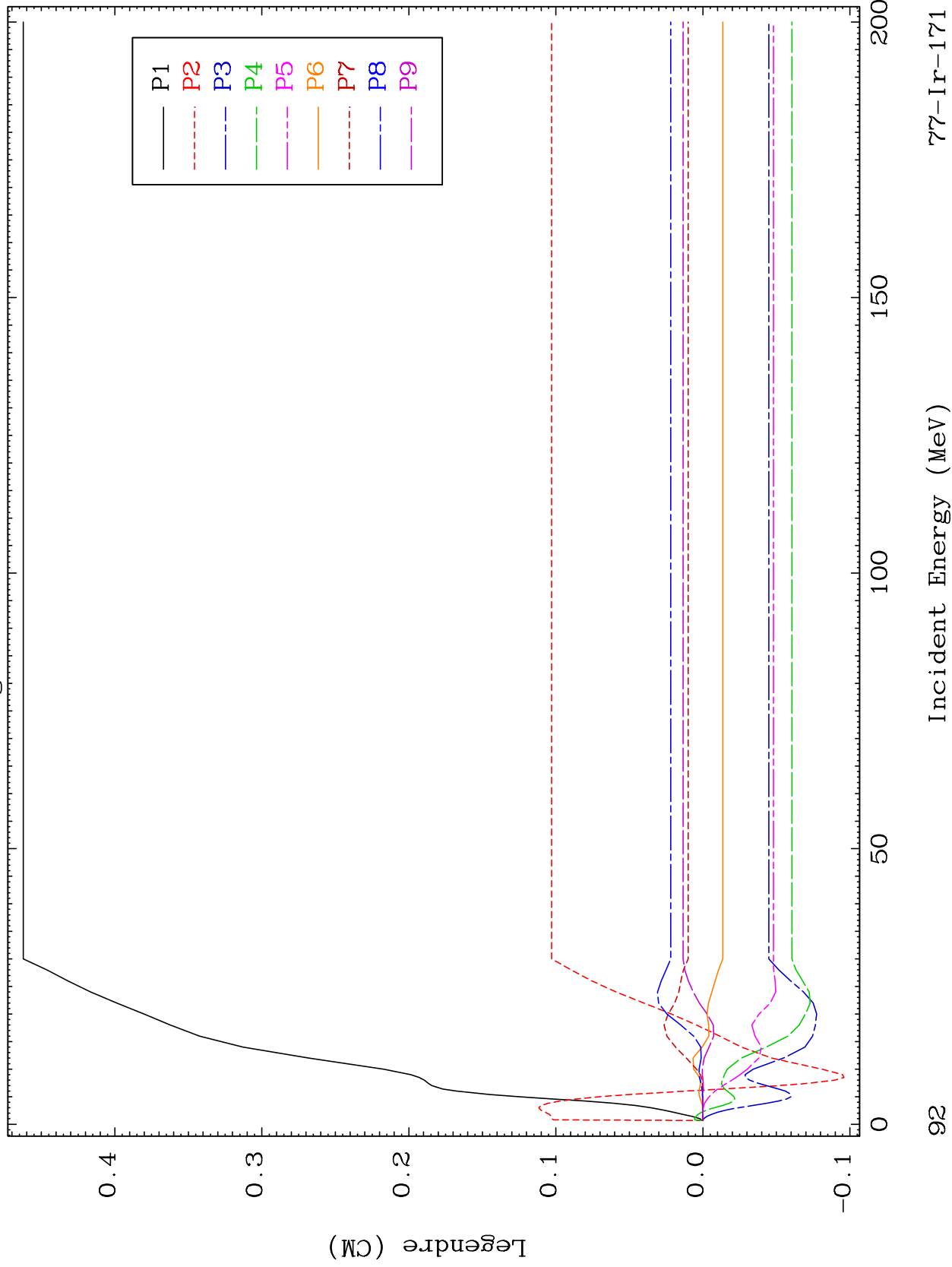
90



MAT 7665

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

77-Ir-171



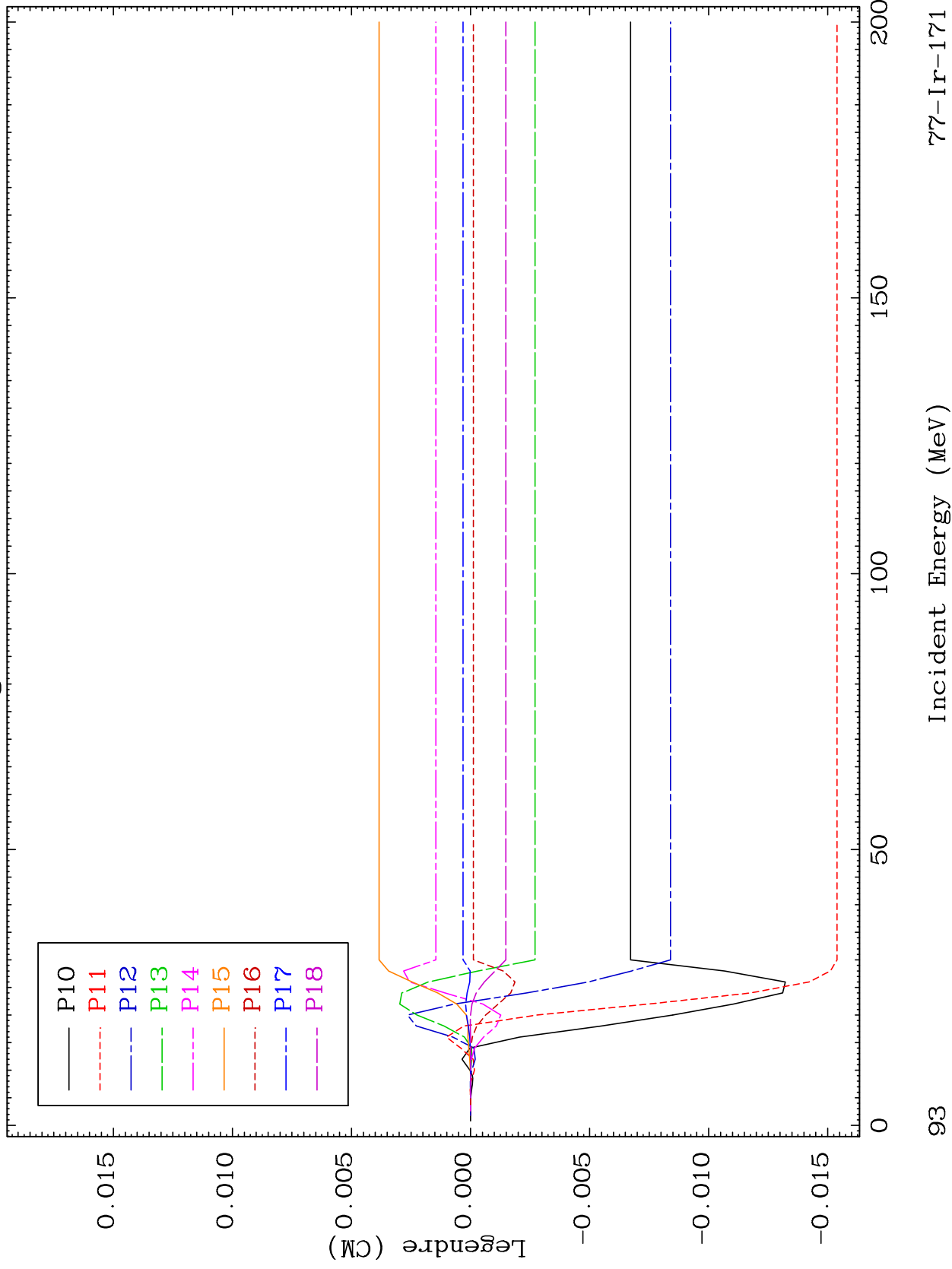
92

77-Ir-171

MAT 7665

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

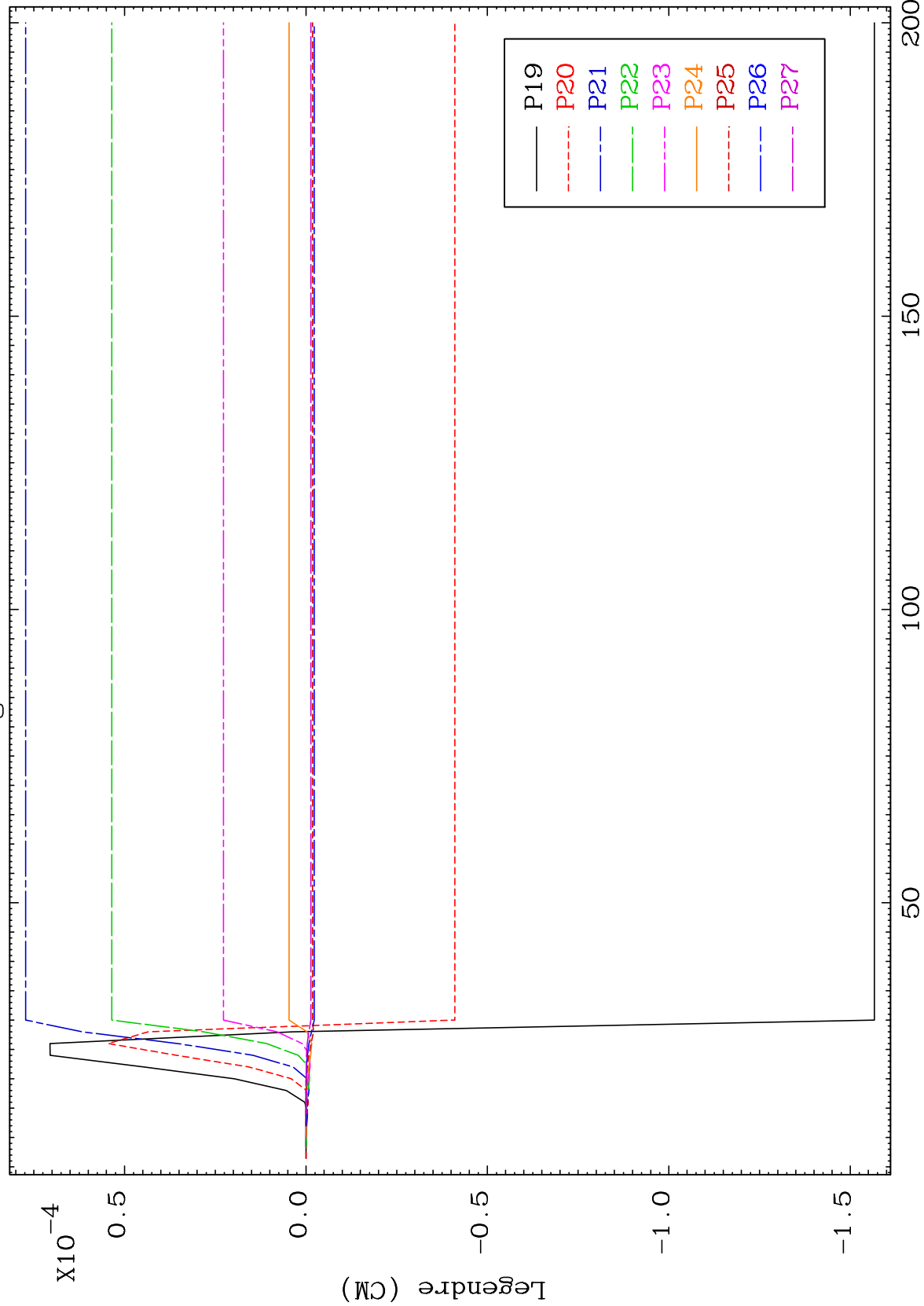
77-Ir-171

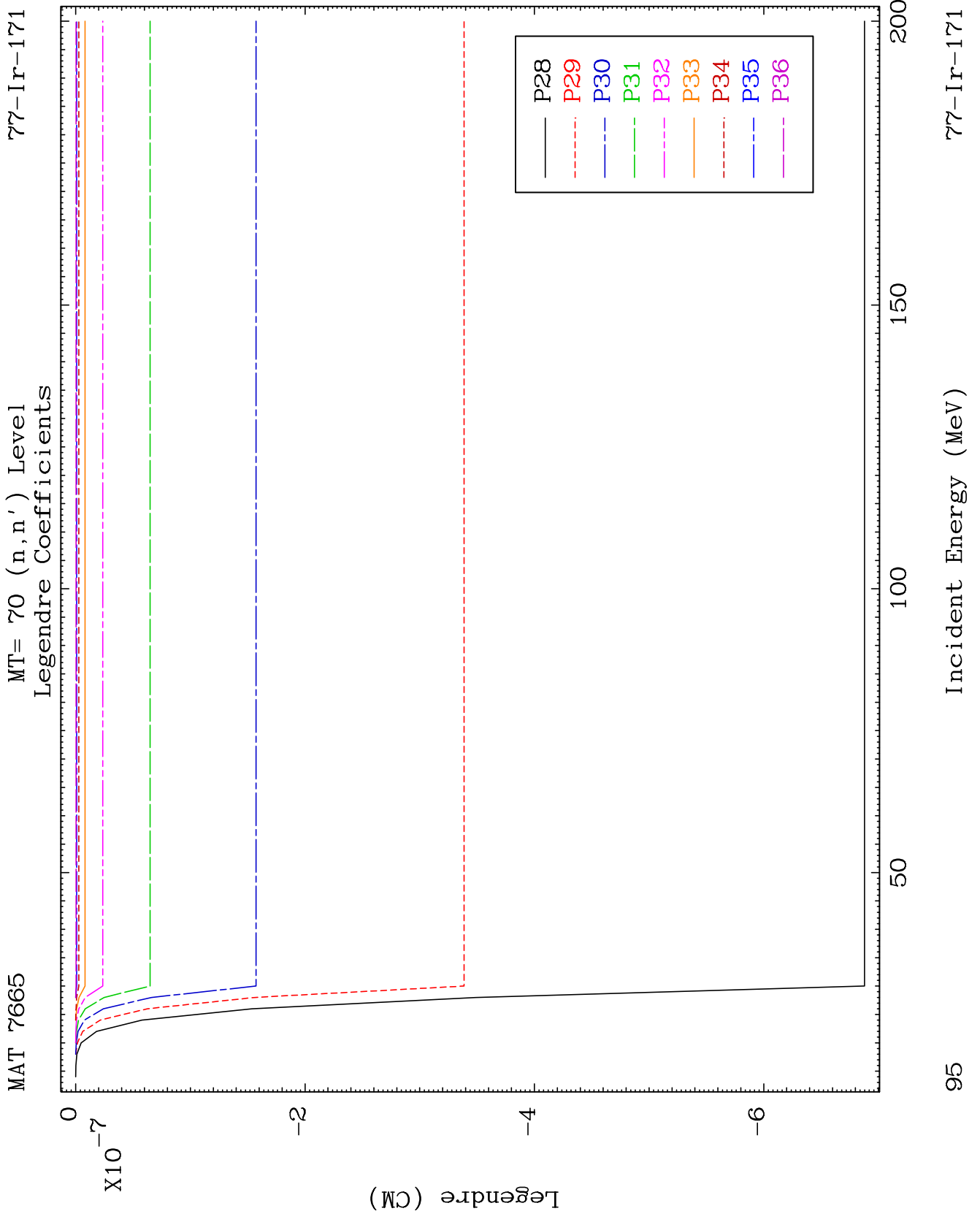


93

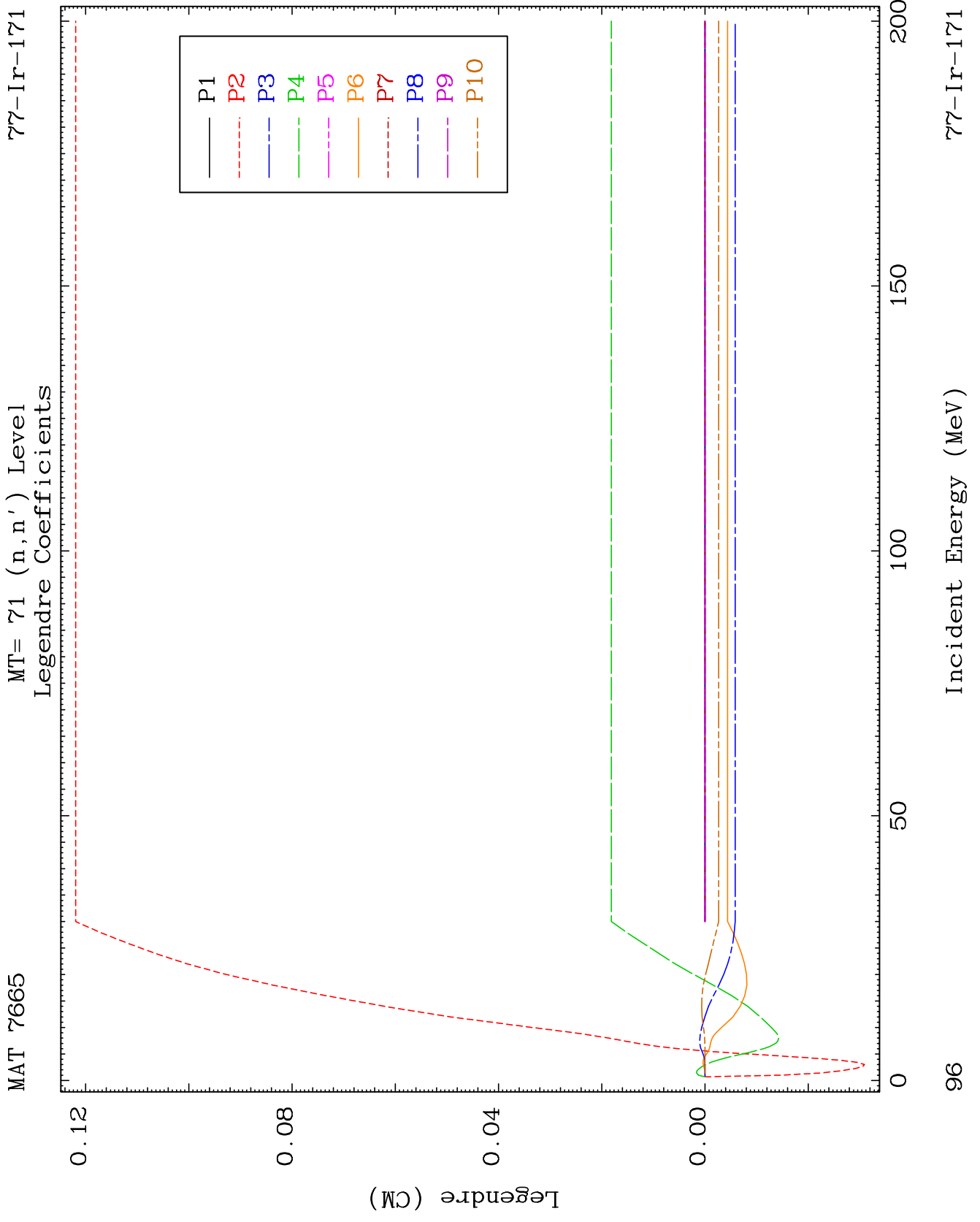
Incident Energy (MeV)

77-Ir-171





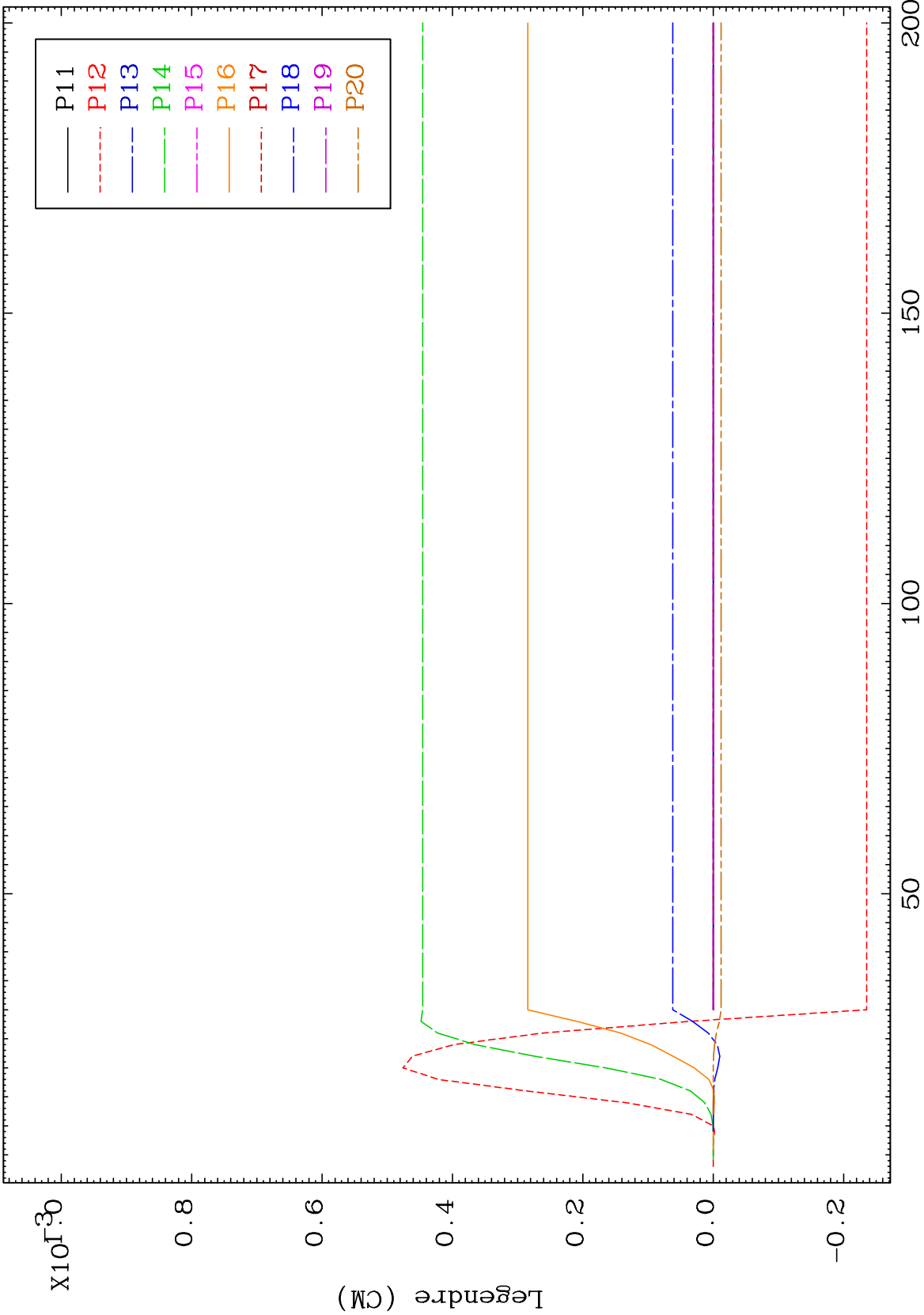




MAT 7665

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

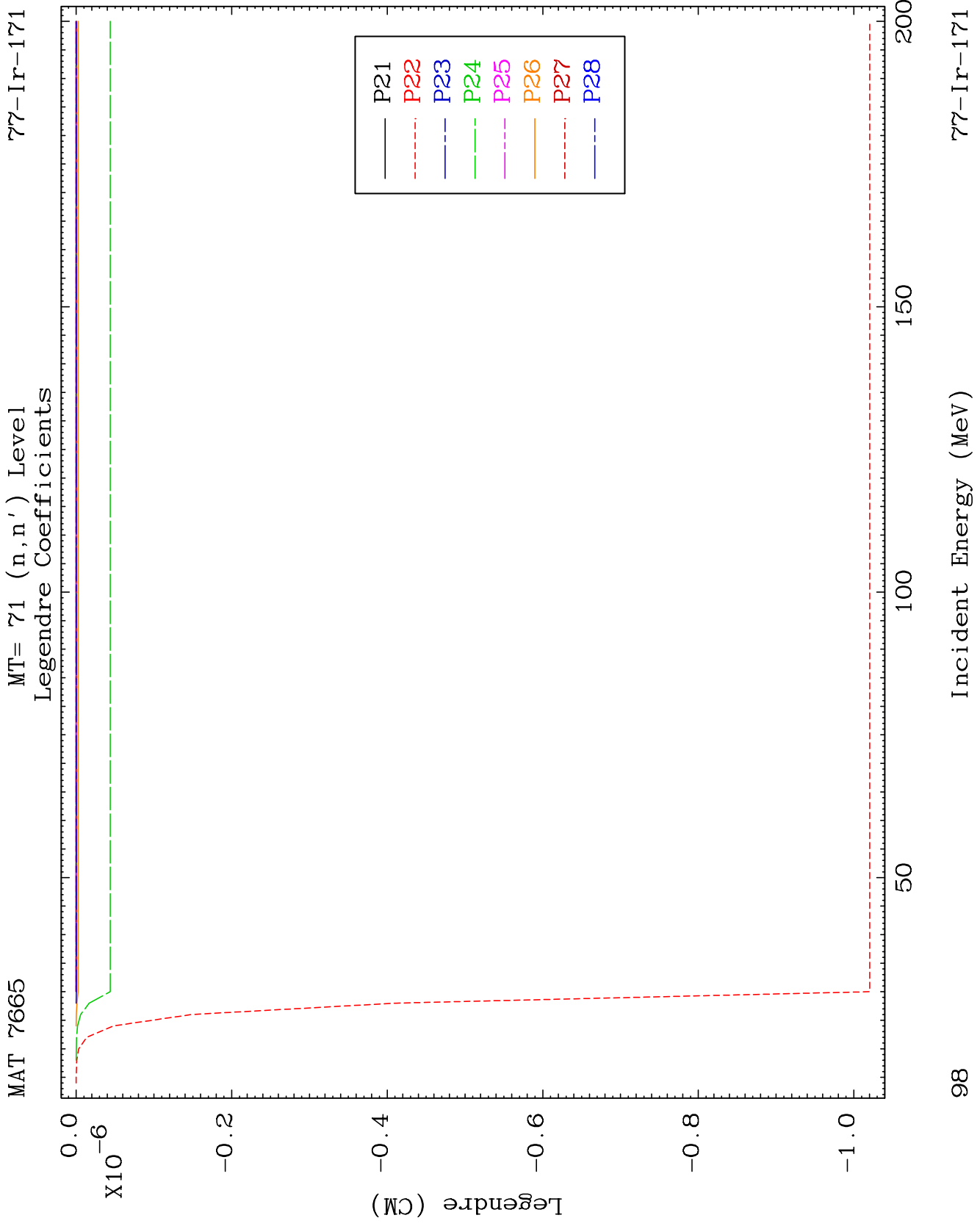
77-Ir-171



97

Incident Energy (MeV)

77-Ir-171

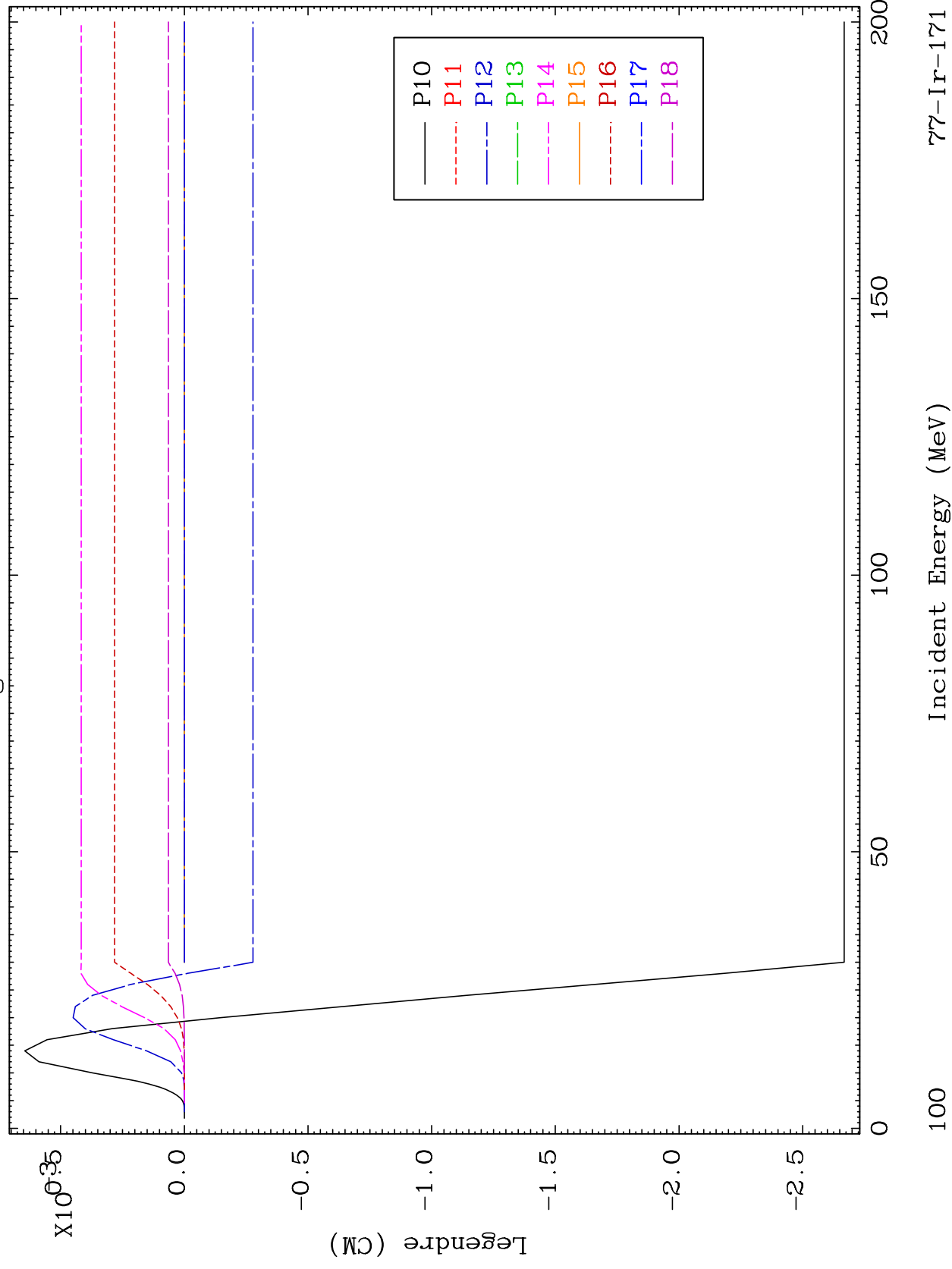




MAT 7665

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

77-Ir-171



77-Ir-171

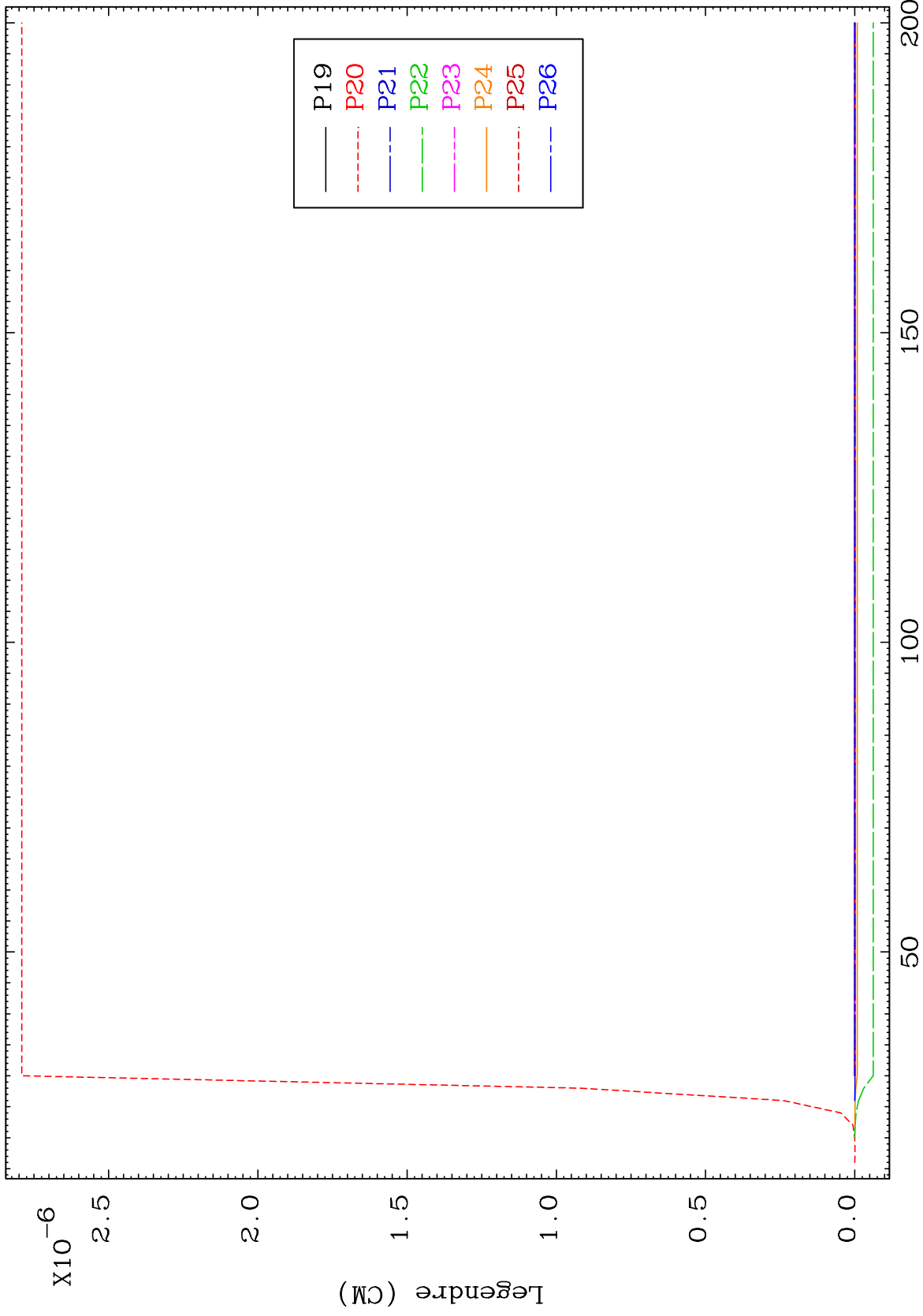
Incident Energy (MeV)

100

MAT 7665

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

77-Ir-171



101

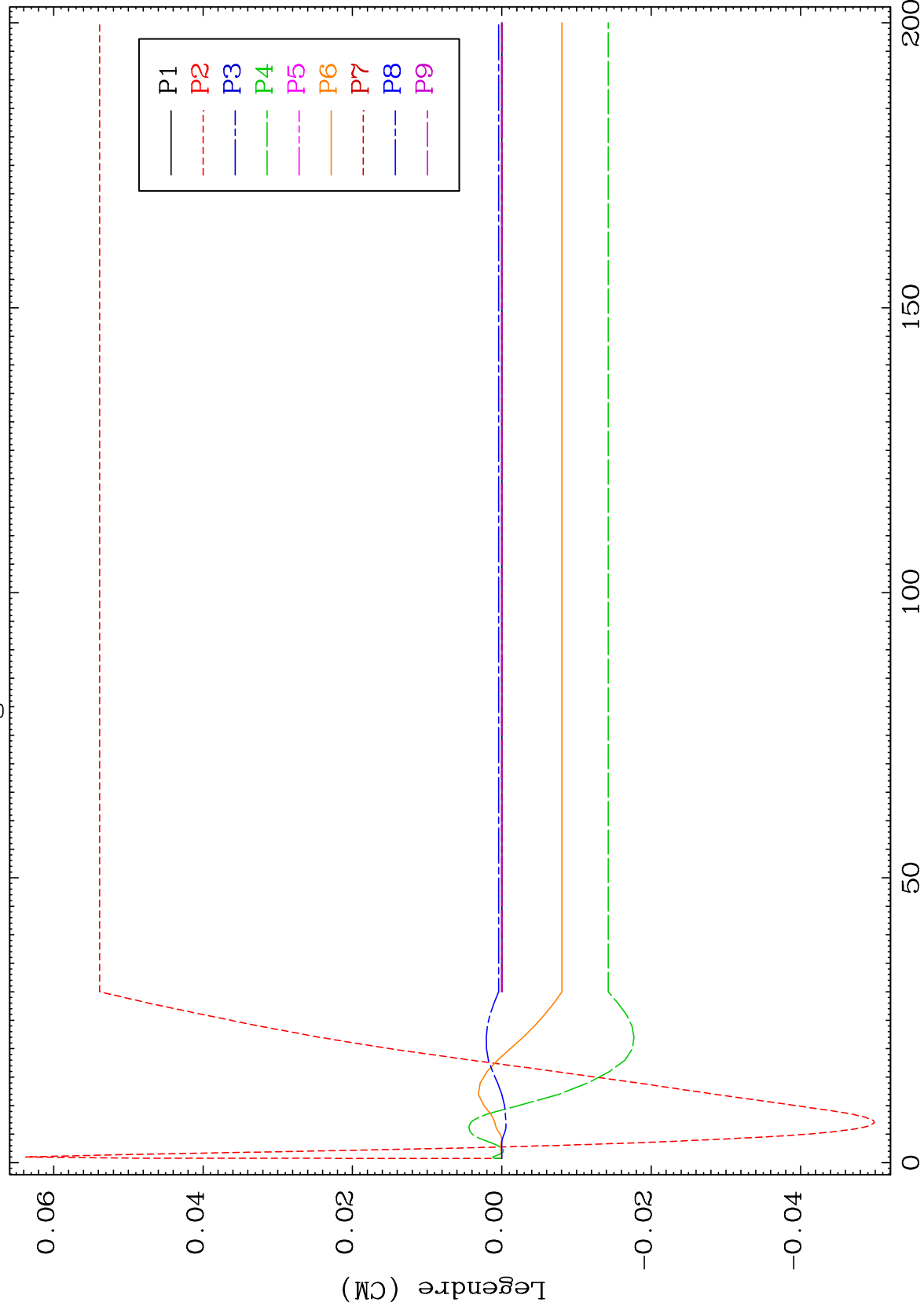
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



77-Ir-171

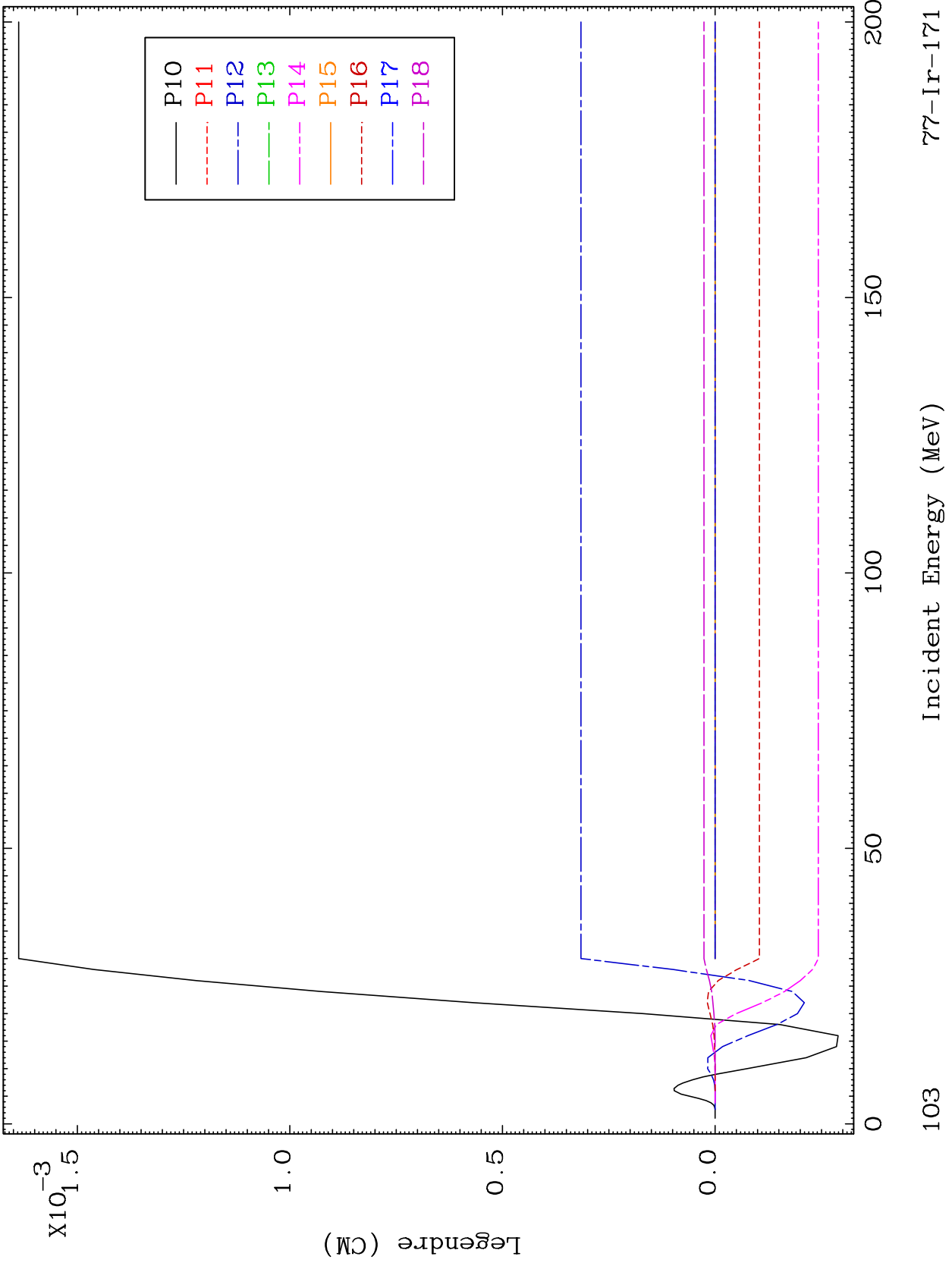
Incident Energy (MeV)

102

MAT 7665

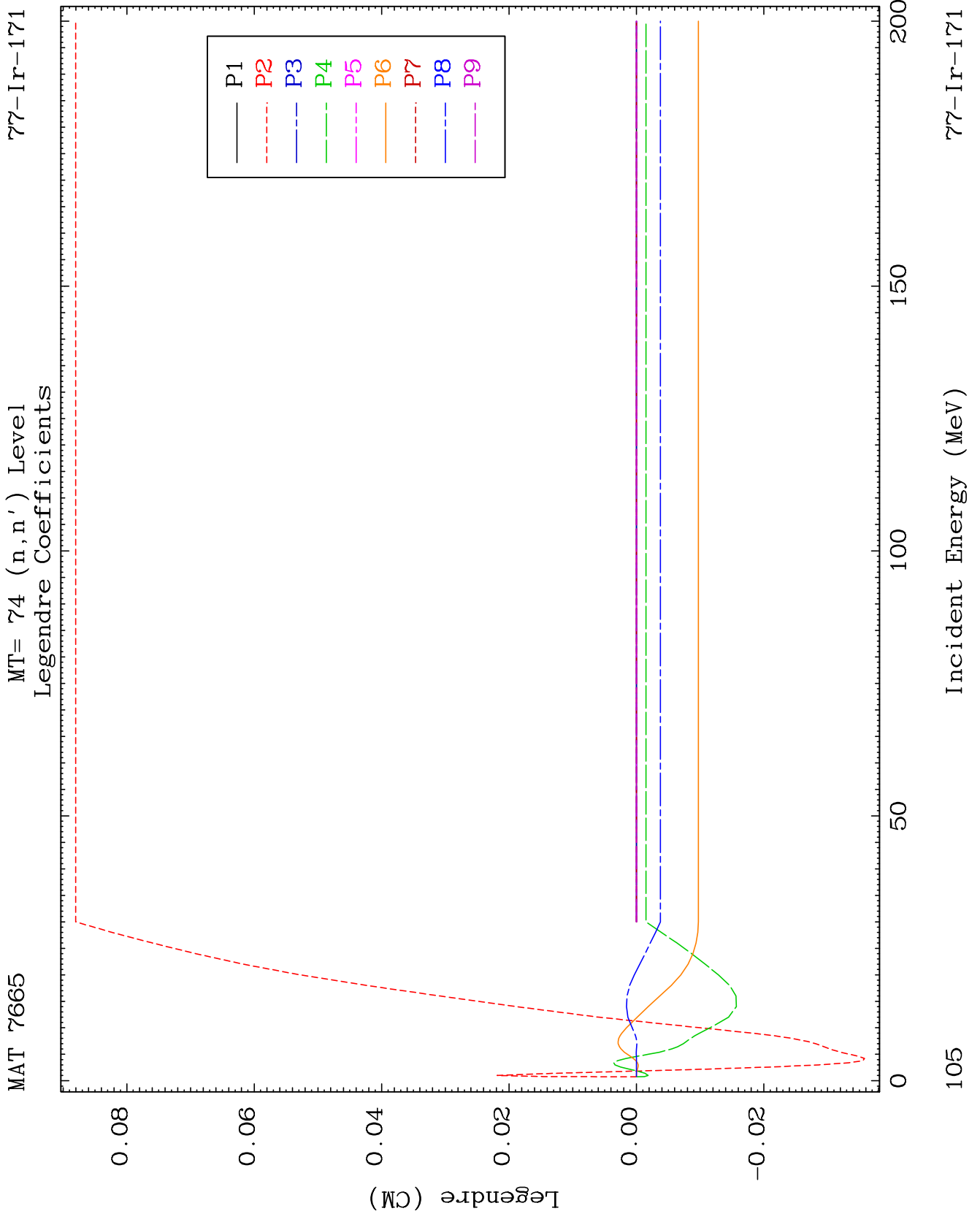
MT= 73 (n,n') Level  
Legendre Coefficients

77-Ir-171





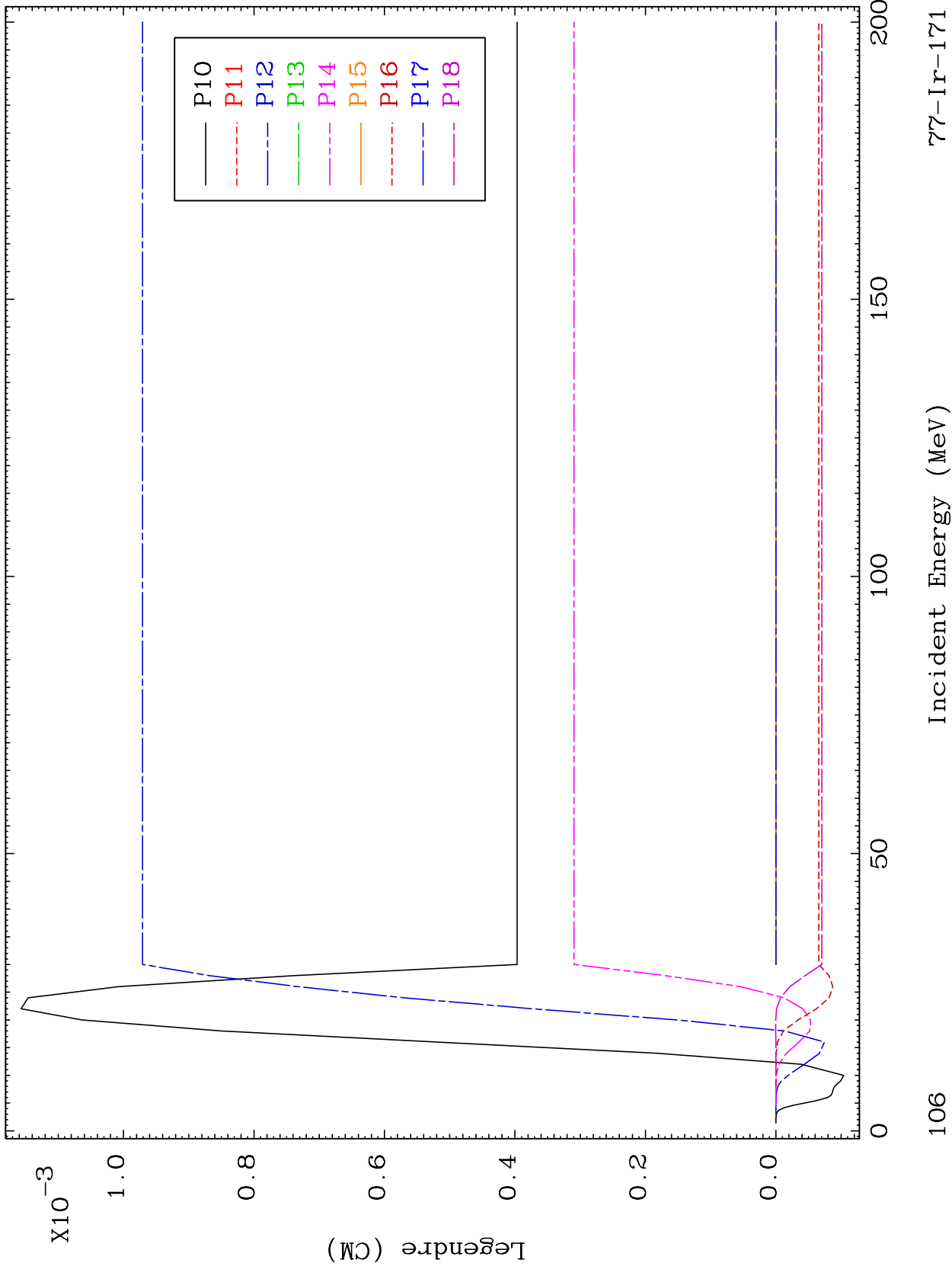




MAT 7665

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

77-Ir-171



77-Ir-171

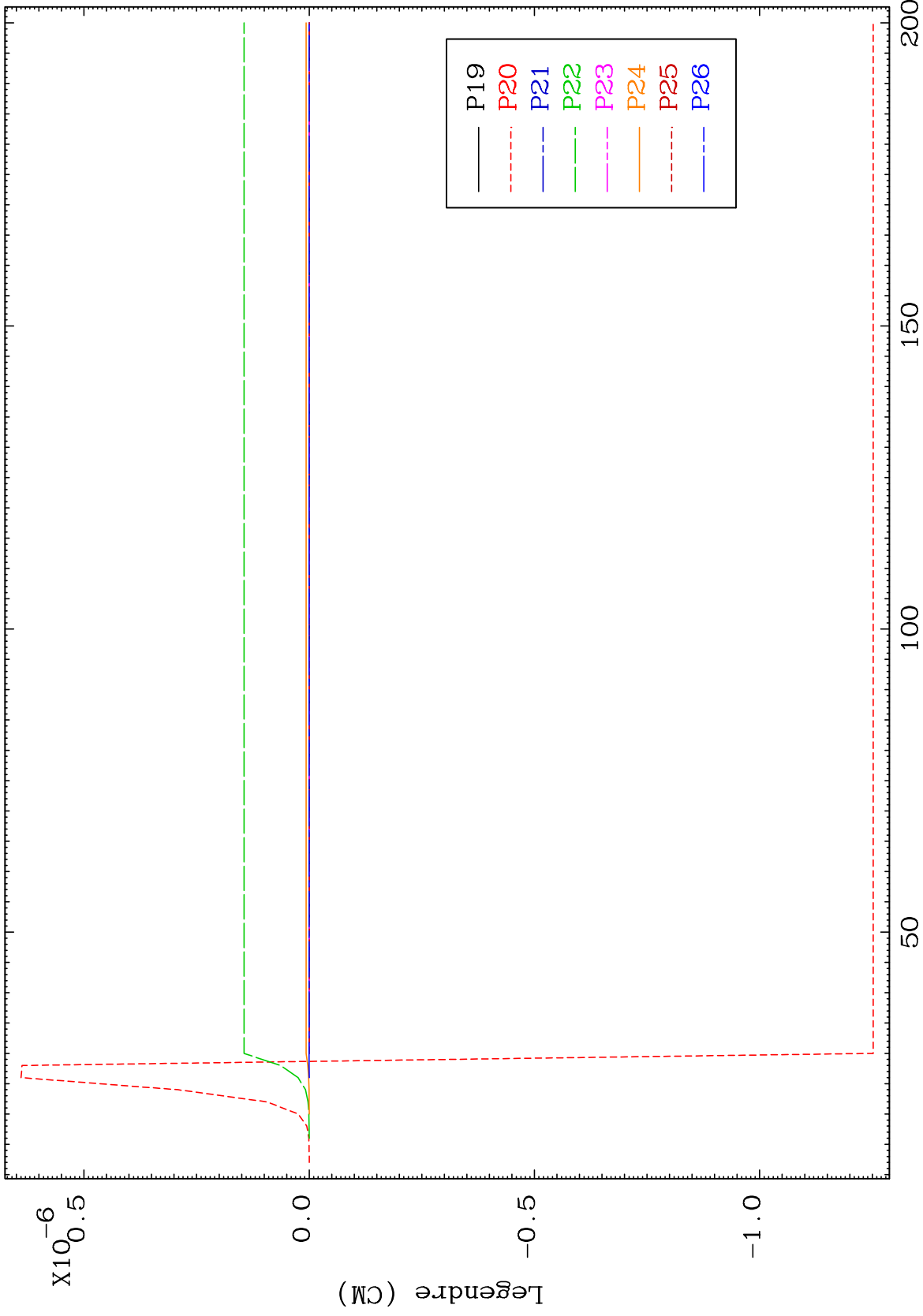
Incident Energy (MeV)

106

MAT 7665

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

77-Ir-171



107

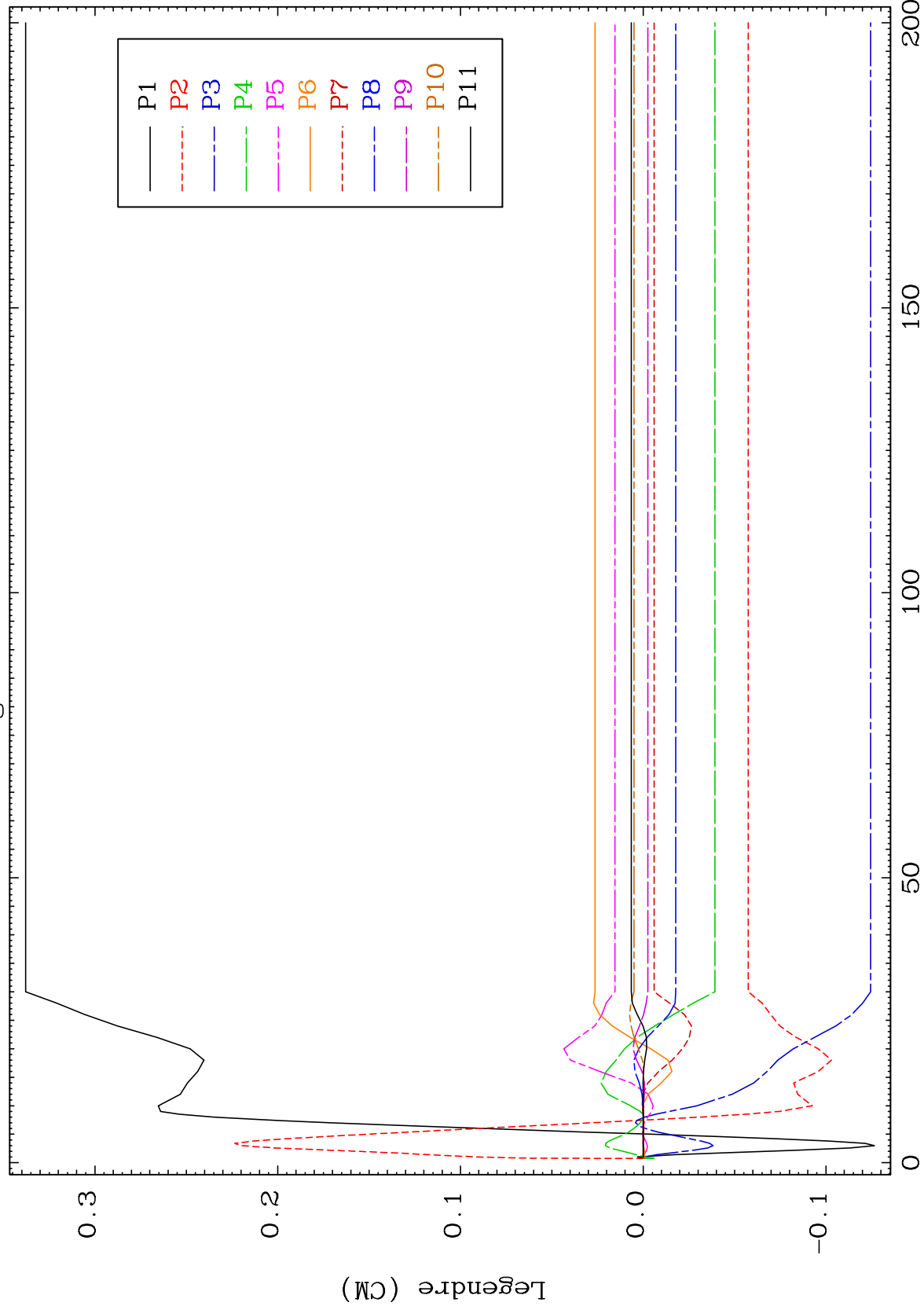
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

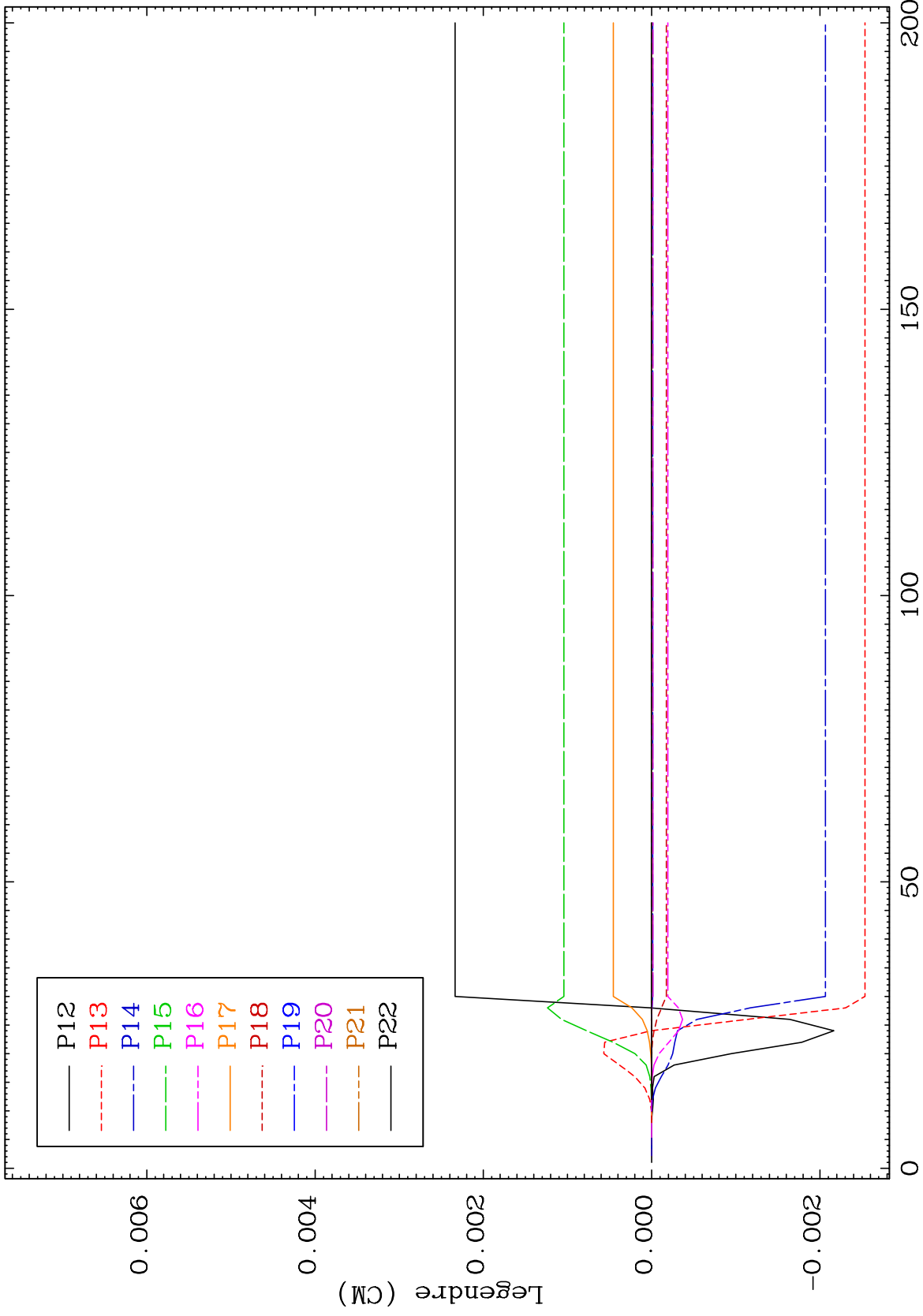
77-Ir-171



77-Ir-171

Incident Energy (MeV)

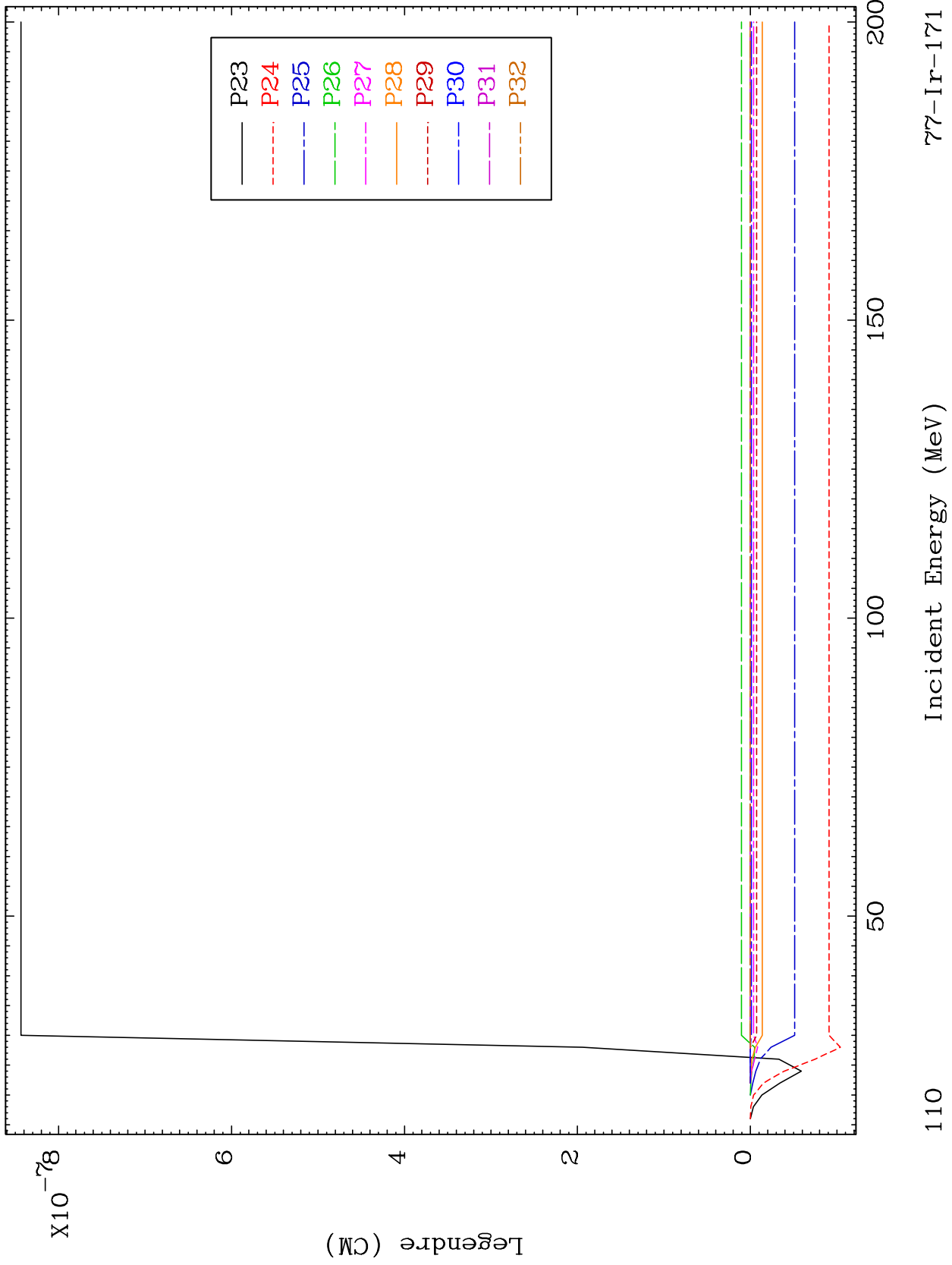
108



MAT 7665

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

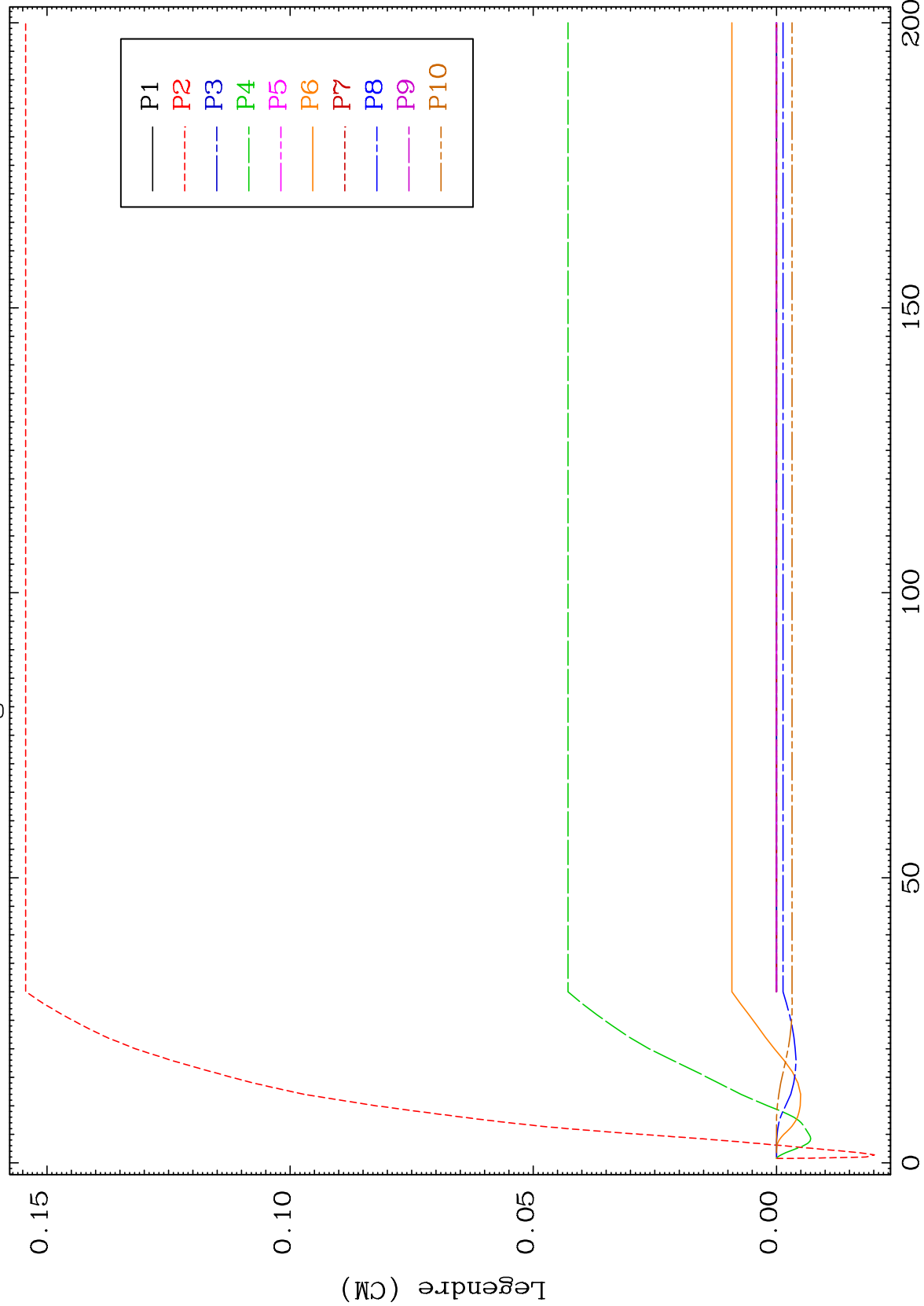
77-Ir-171



MAT 7665

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

77-Ir-171

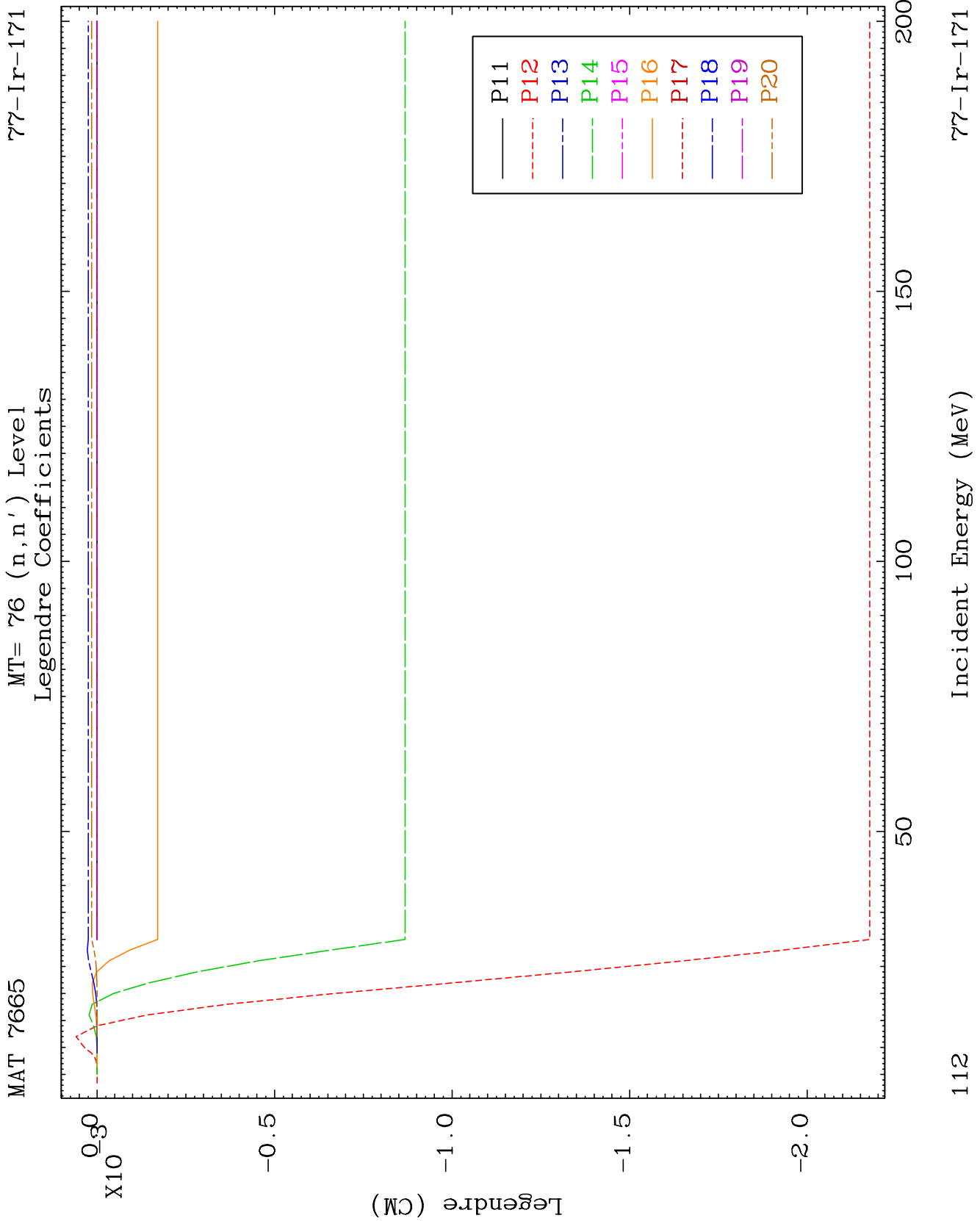


111

Incident Energy (MeV)

77-Ir-171

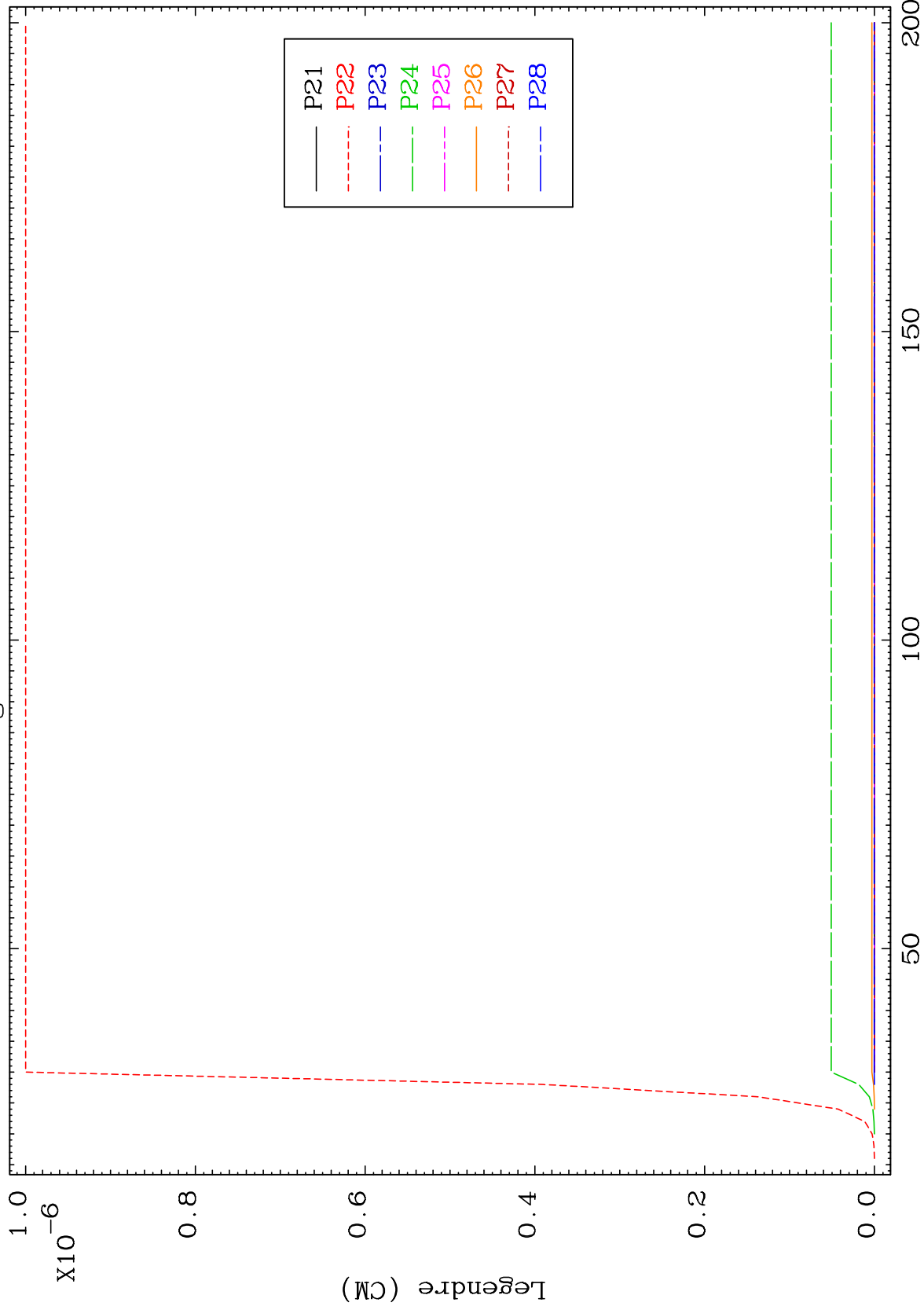




MAT 7665

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

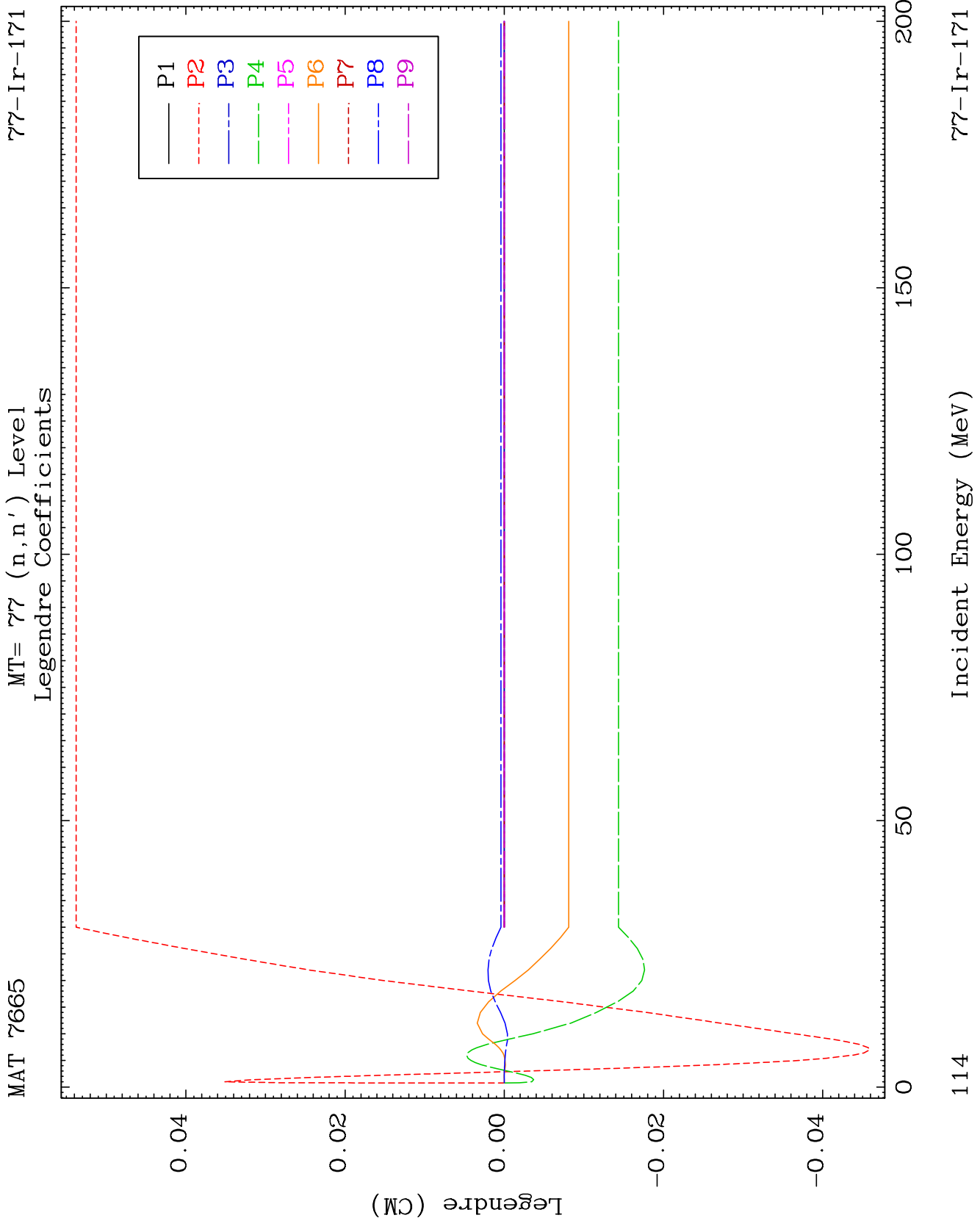
77-Ir-171



113

Incident Energy (MeV)

77-Ir-171



77-Ir-171

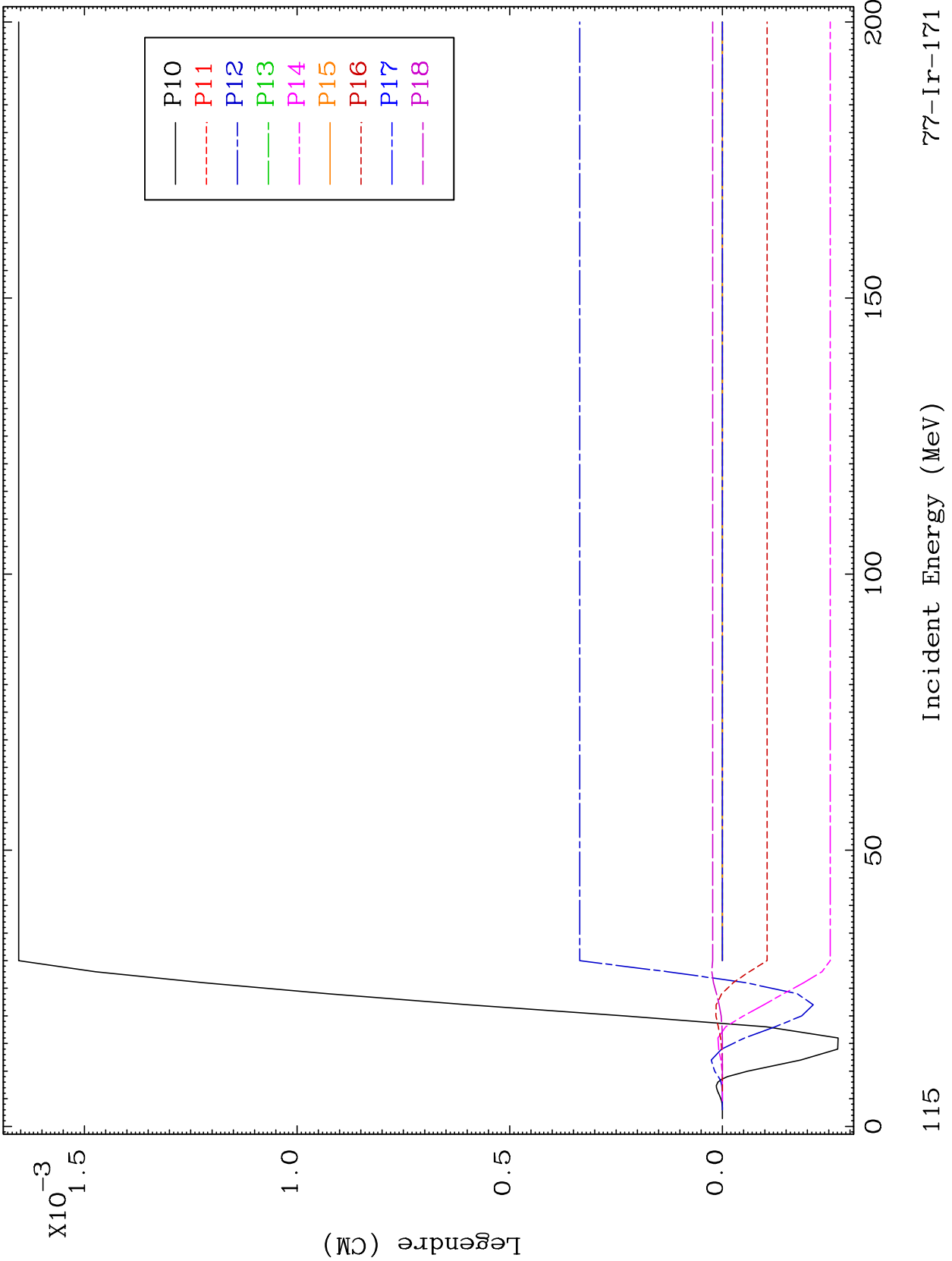
Incident Energy (MeV)

114

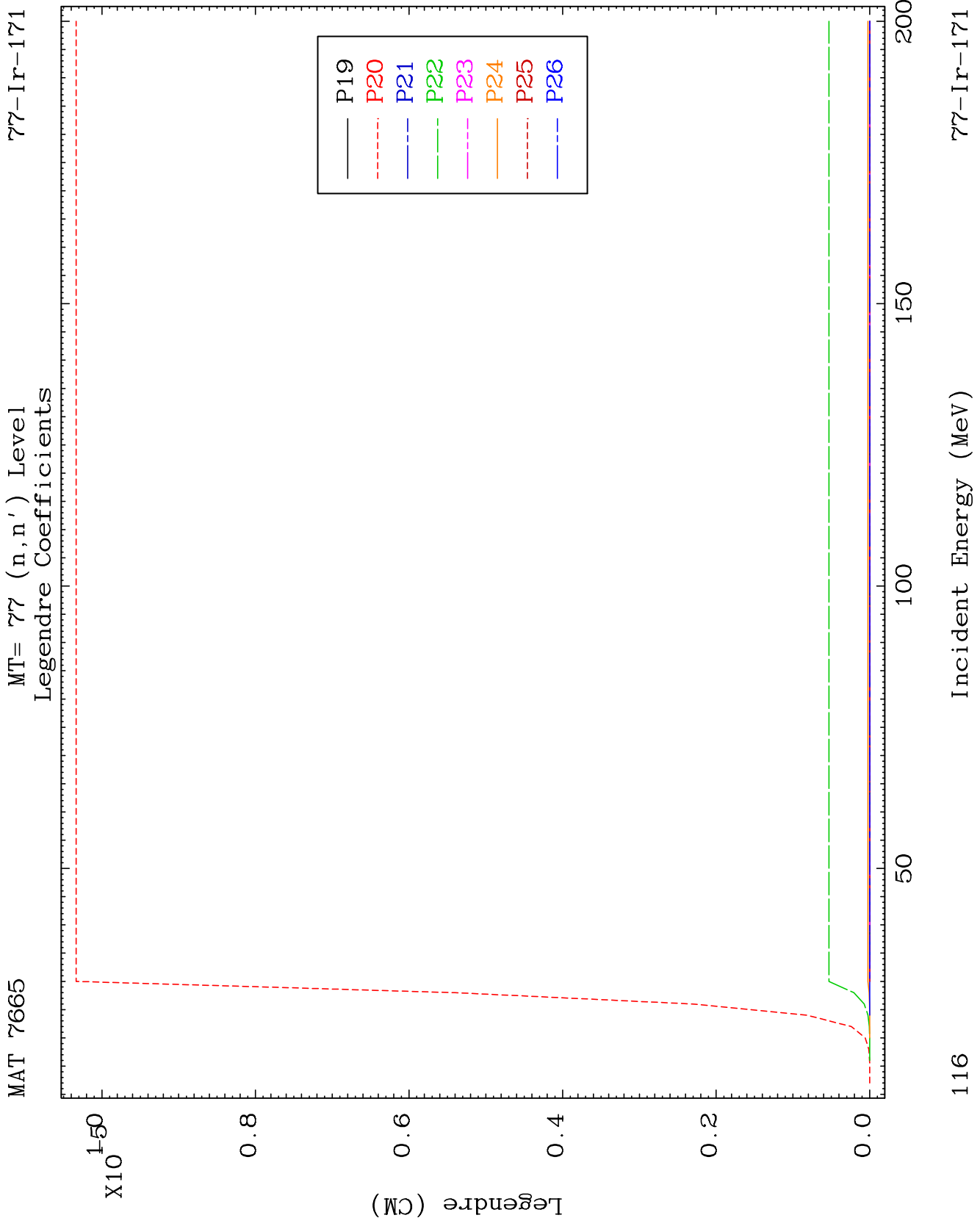
MAT 7665

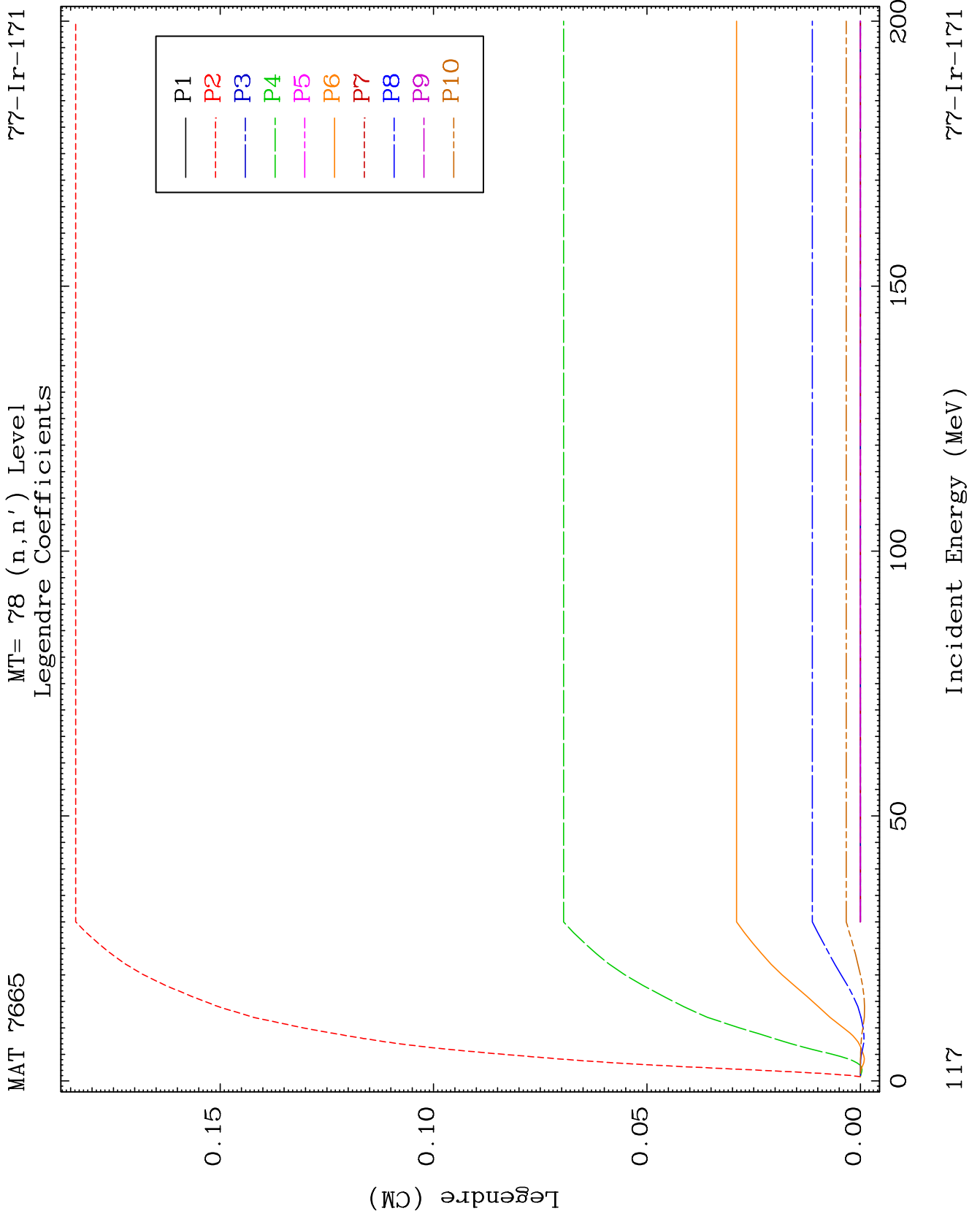
MT= 77 (n,n') Level  
Legendre Coefficients

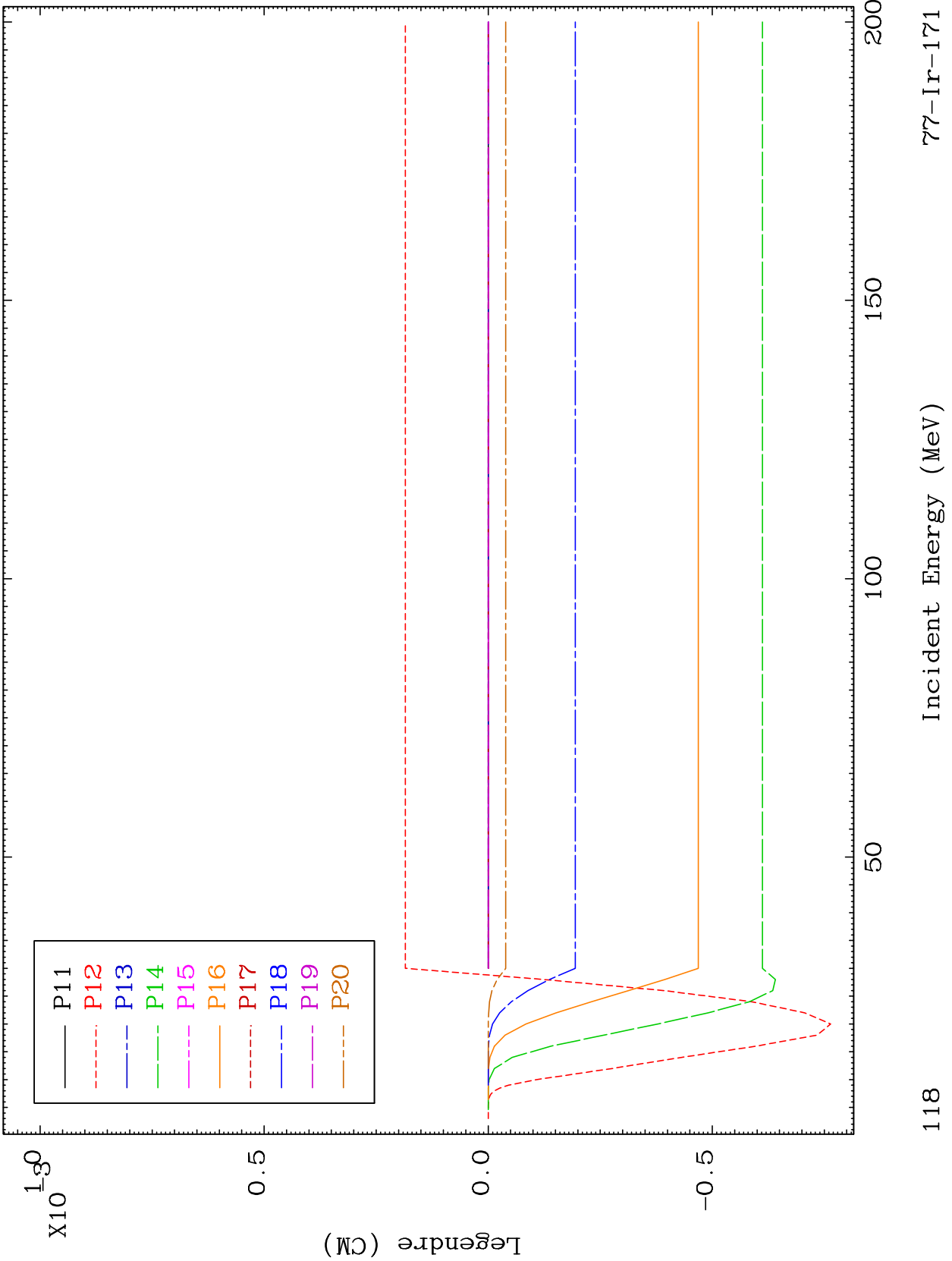
77-Ir-171

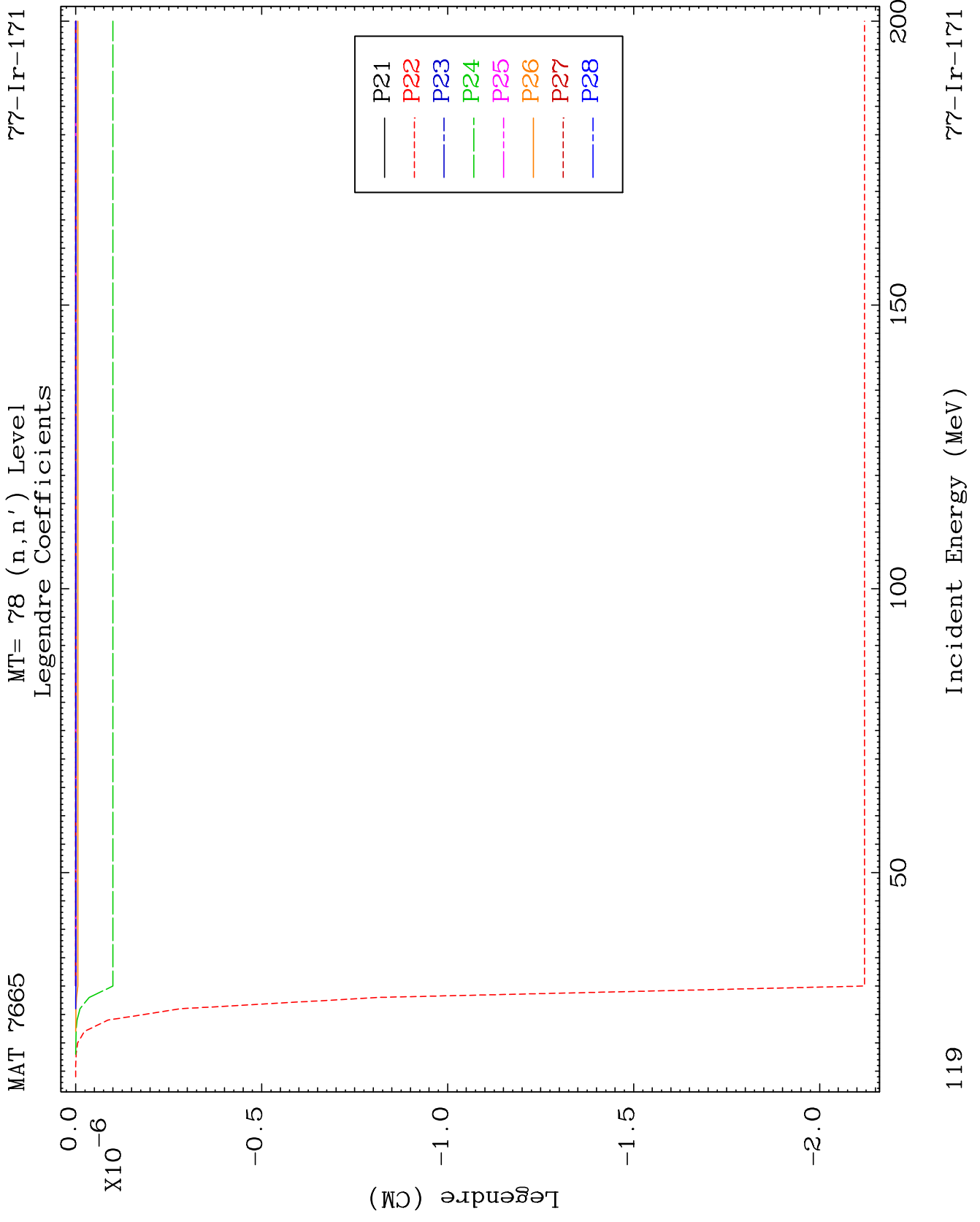


115







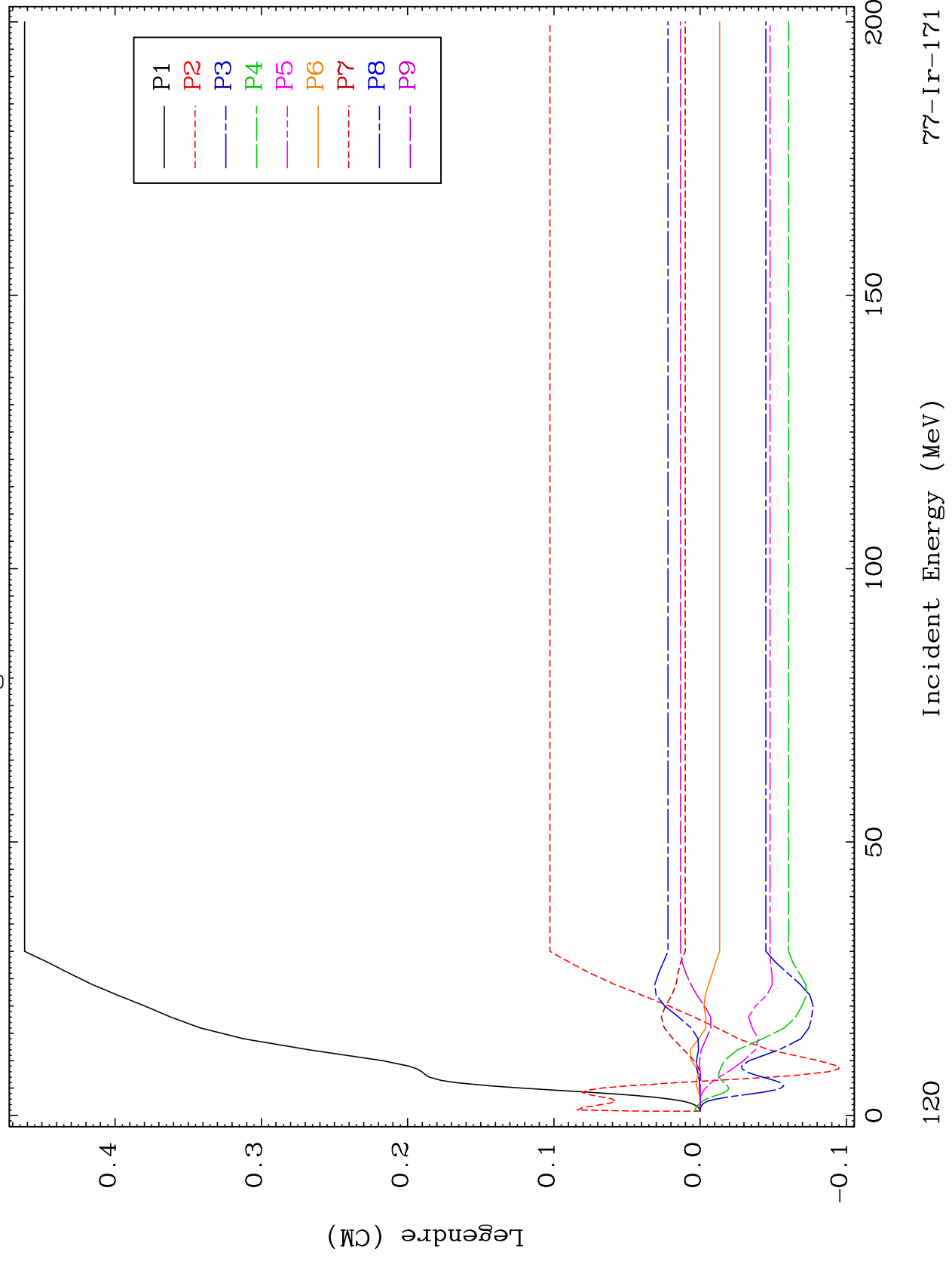




MAT 7665

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

77-Ir-171



77-Ir-171

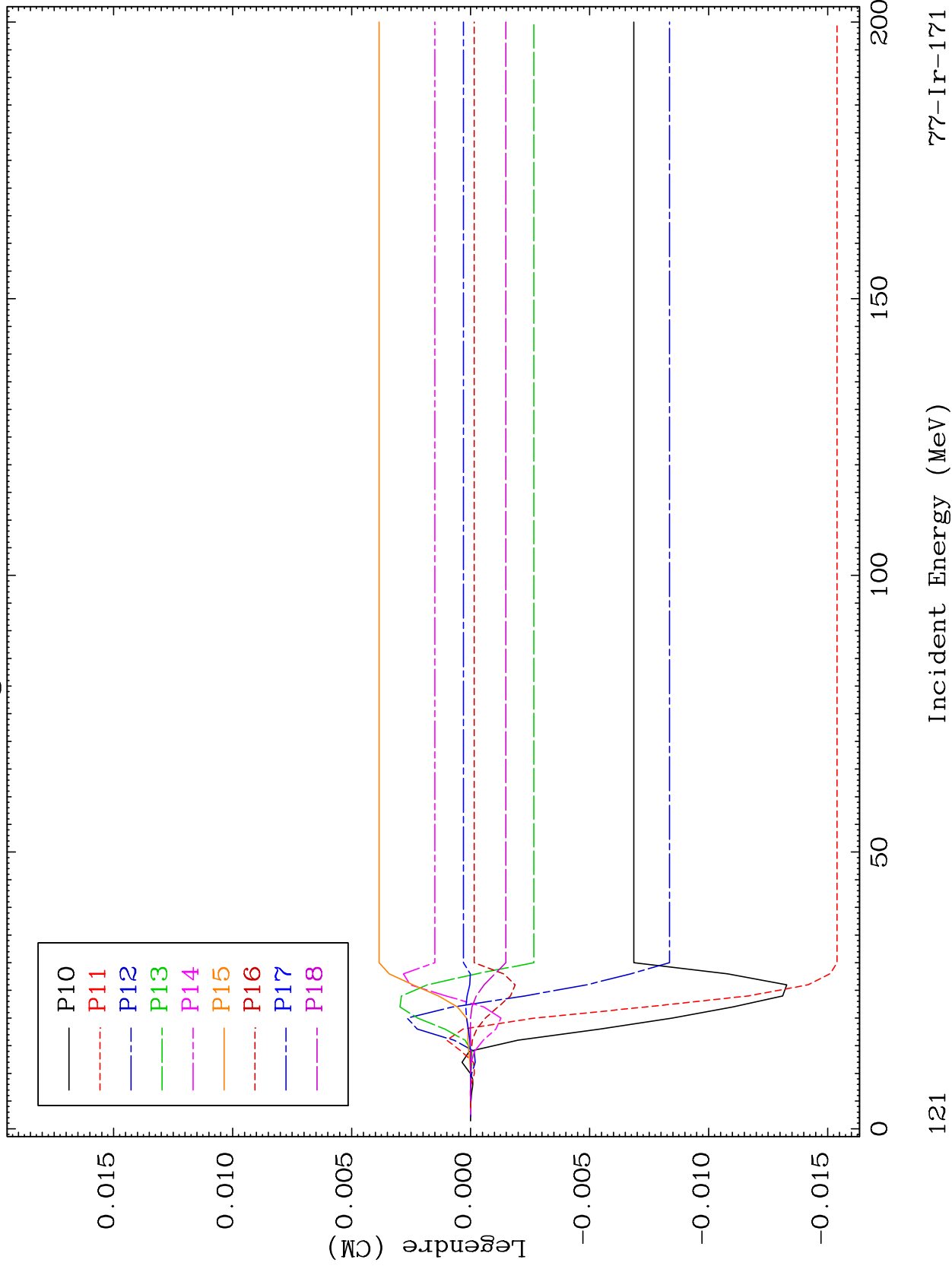
Incident Energy (MeV)

120

MAT 7665

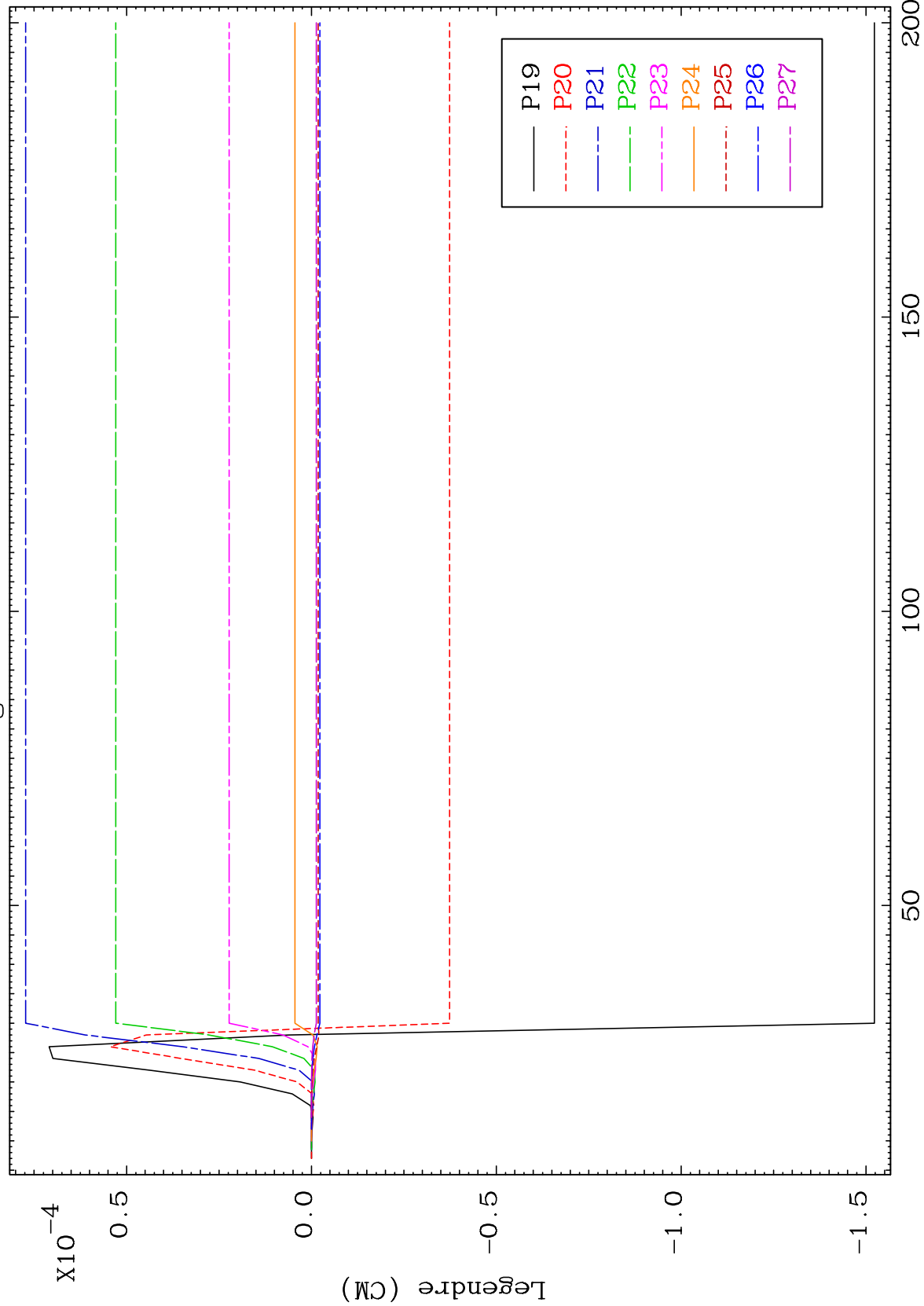
MT= 79 (n,n') Level  
Legendre Coefficients

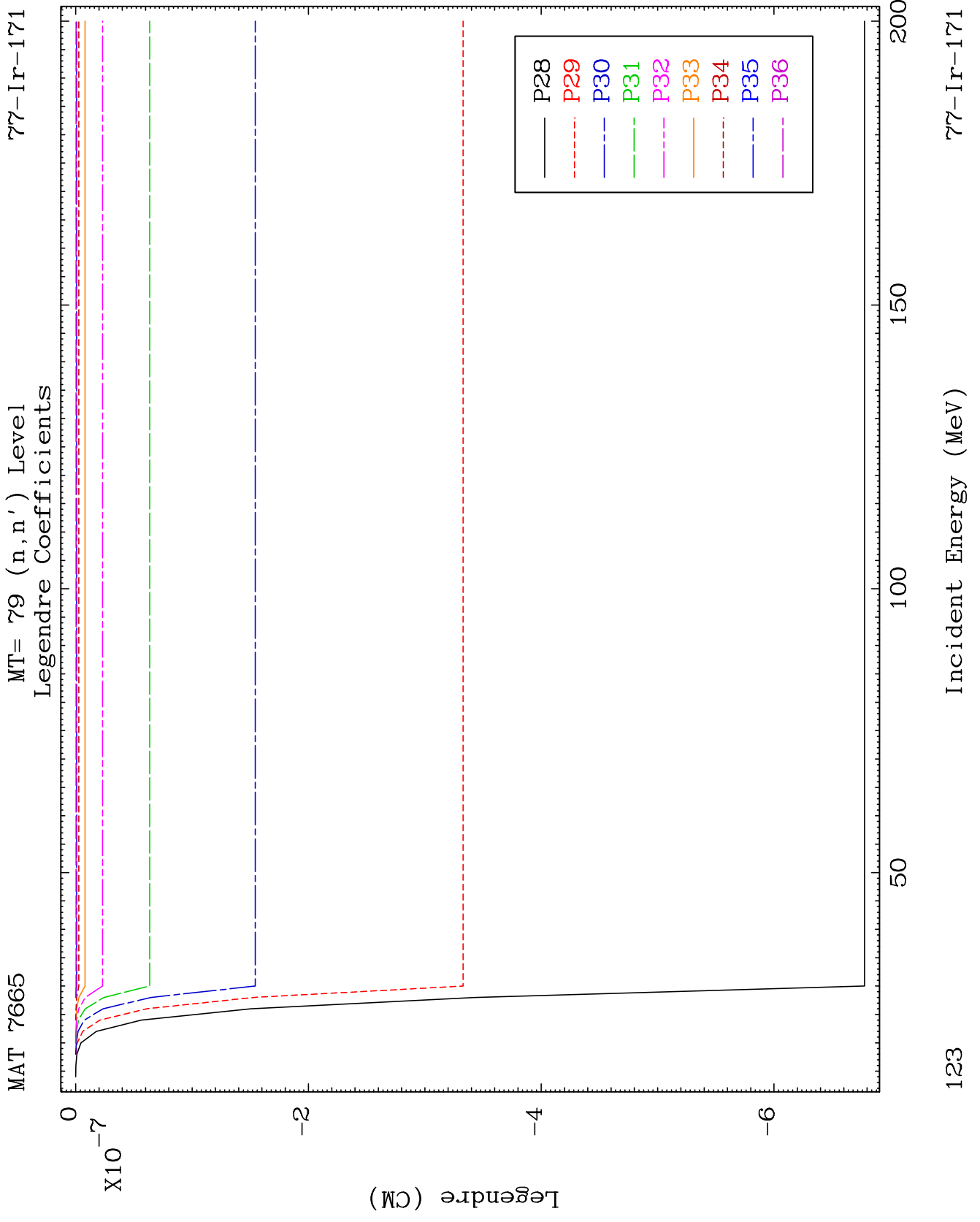
77-Ir-171

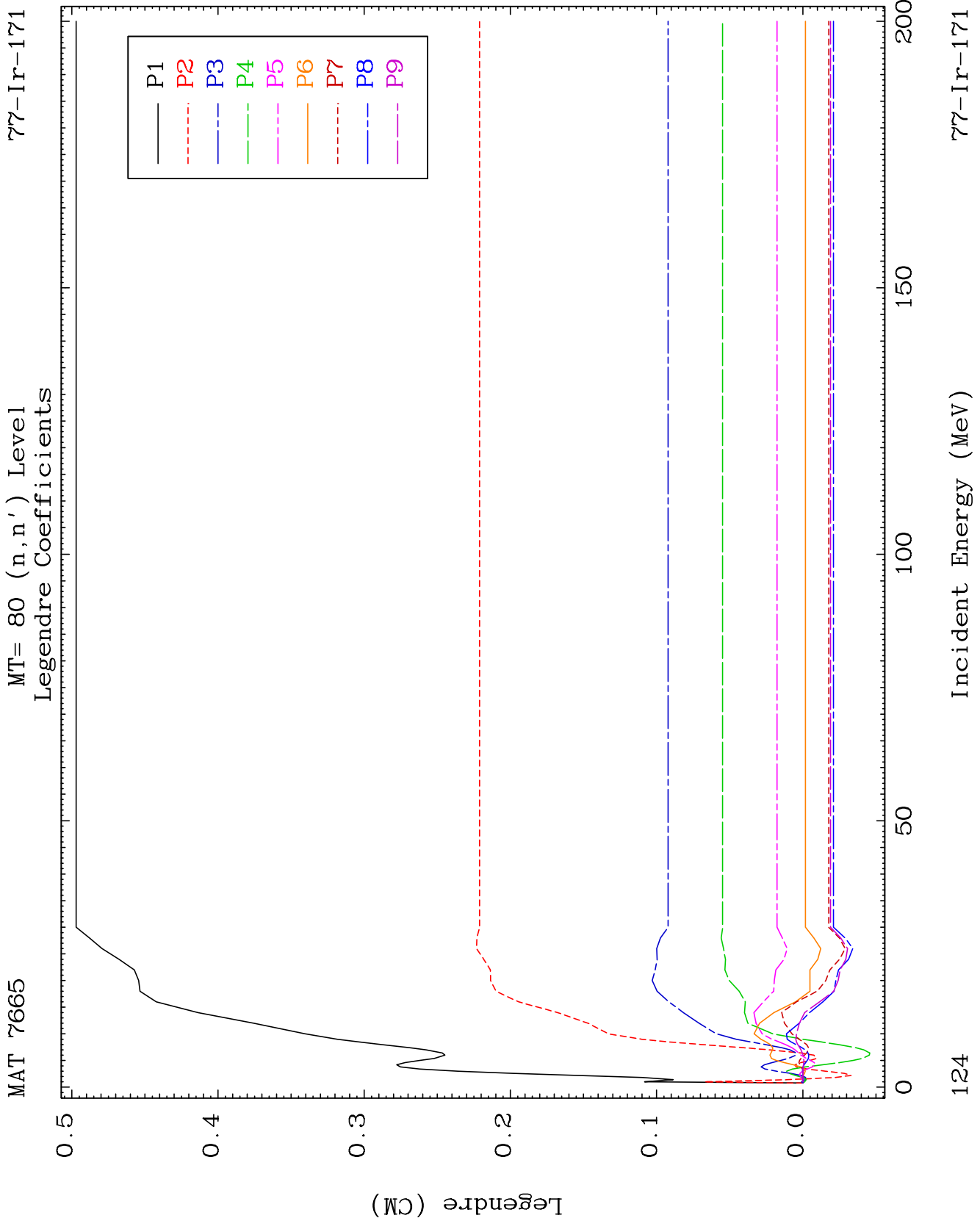


121

77-Ir-171



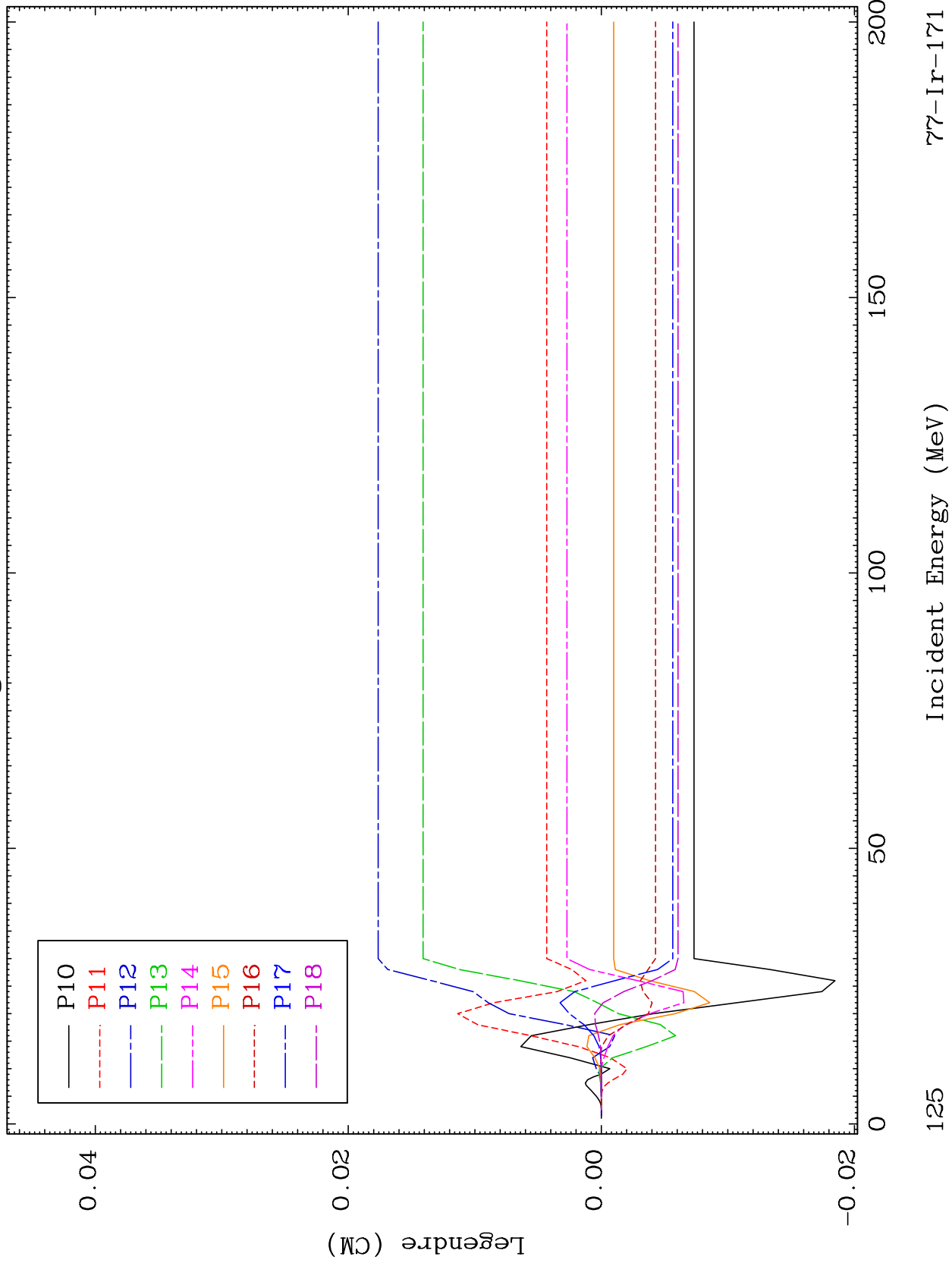




MAT 7665

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

77-Ir-171



77-Ir-171

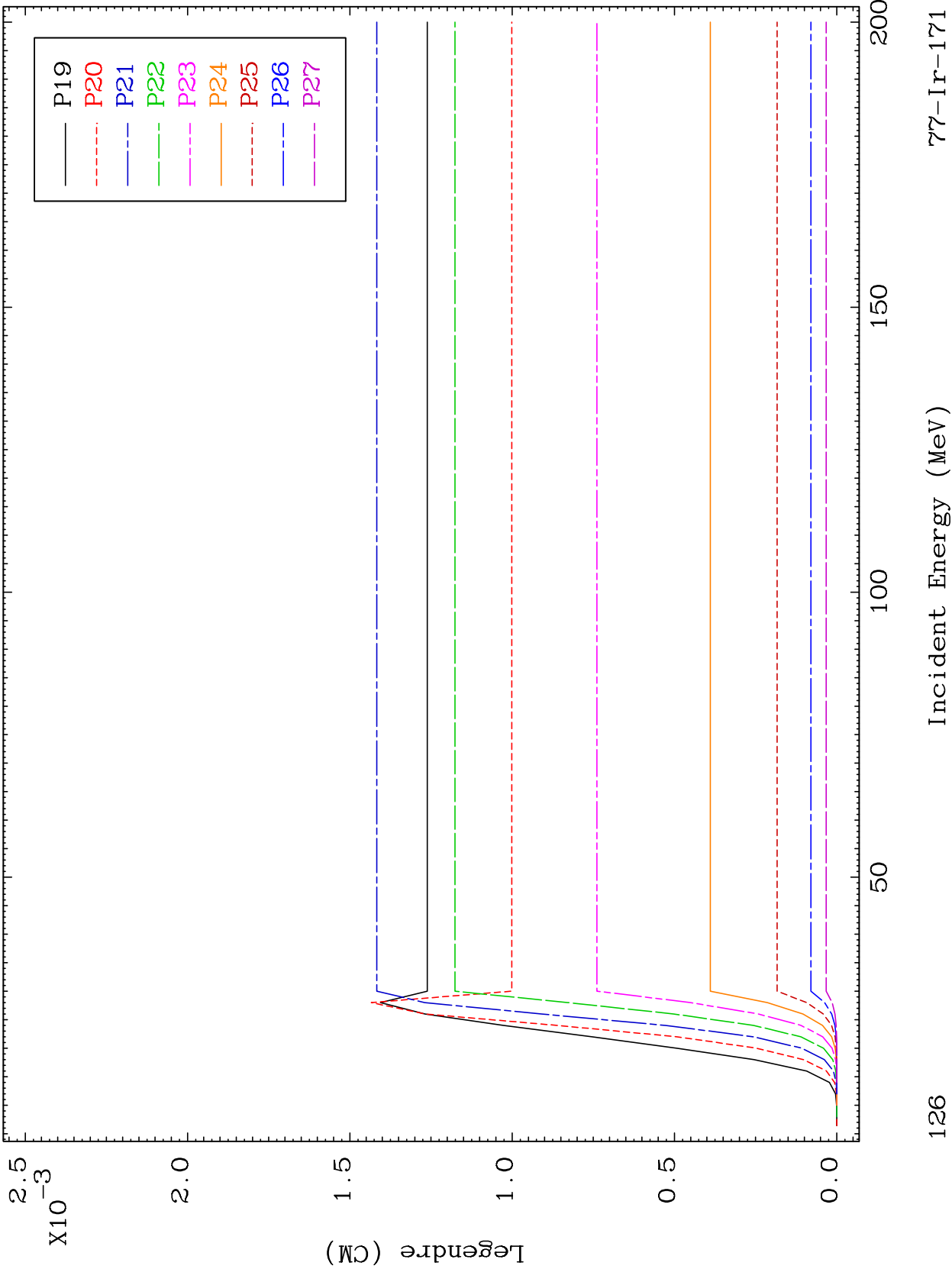
Incident Energy (MeV)

125

MAT 7665

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

77-Ir-171



126

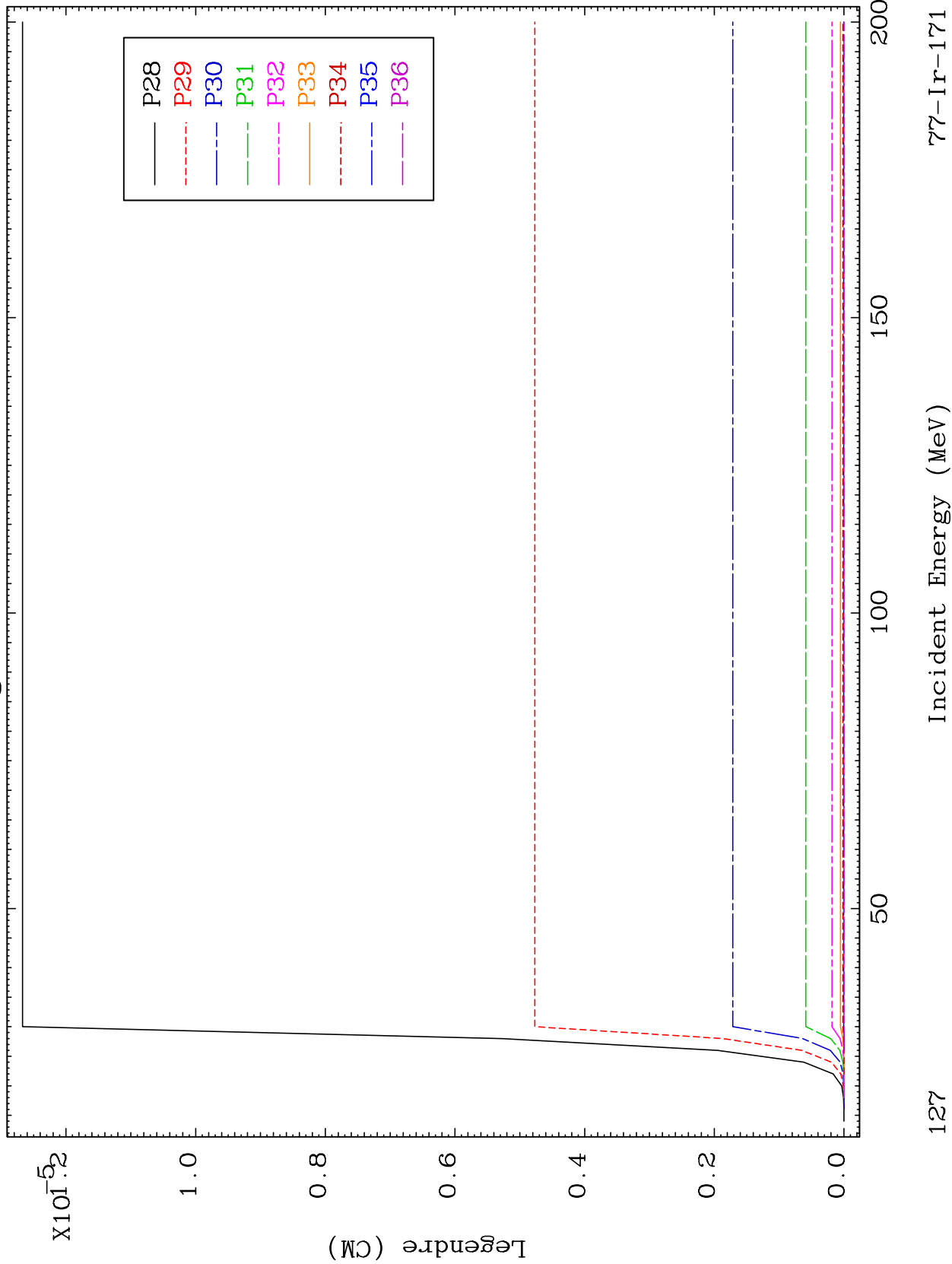
Incident Energy (MeV)

77-Ir-171

MAT 7665

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

77-Ir-171



127

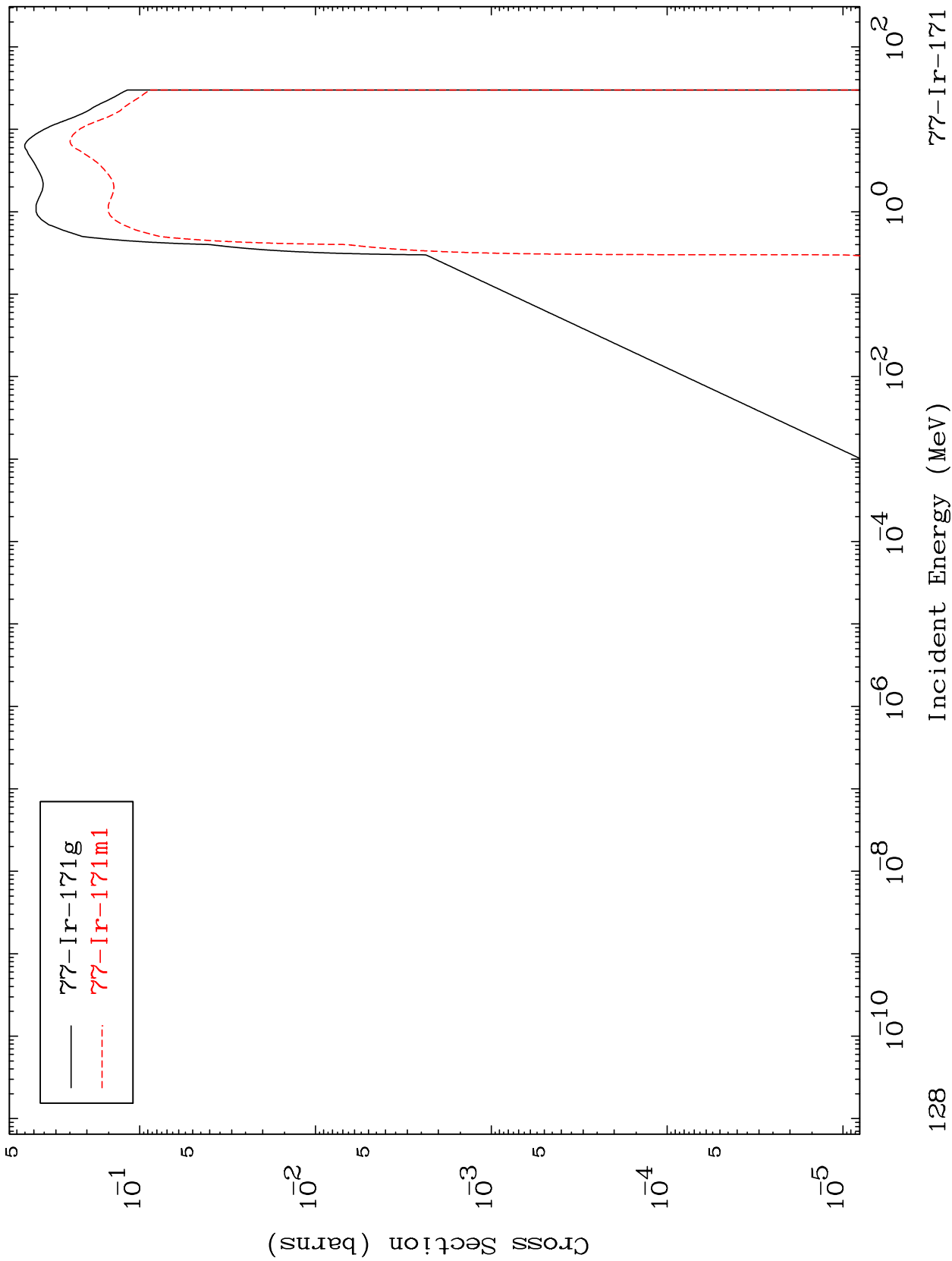


MAT 7665

Inelastic

<sup>77</sup>Ir-171

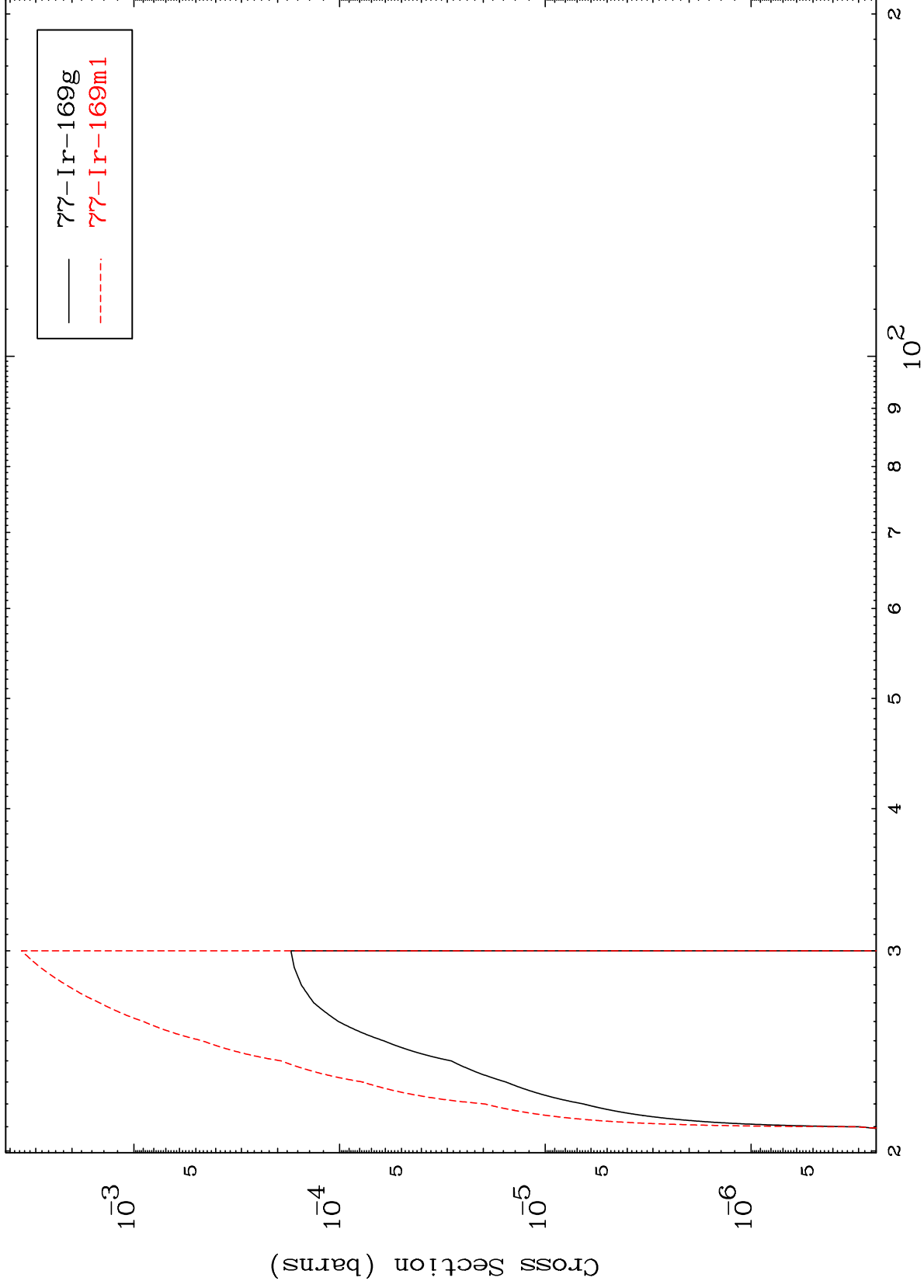
Radionuclide Production Cross Section



MAT 7665

<sup>77</sup>Ir-171

(n,3n)  
Radionuclide Production Cross Section



129

<sup>77</sup>Ir-171

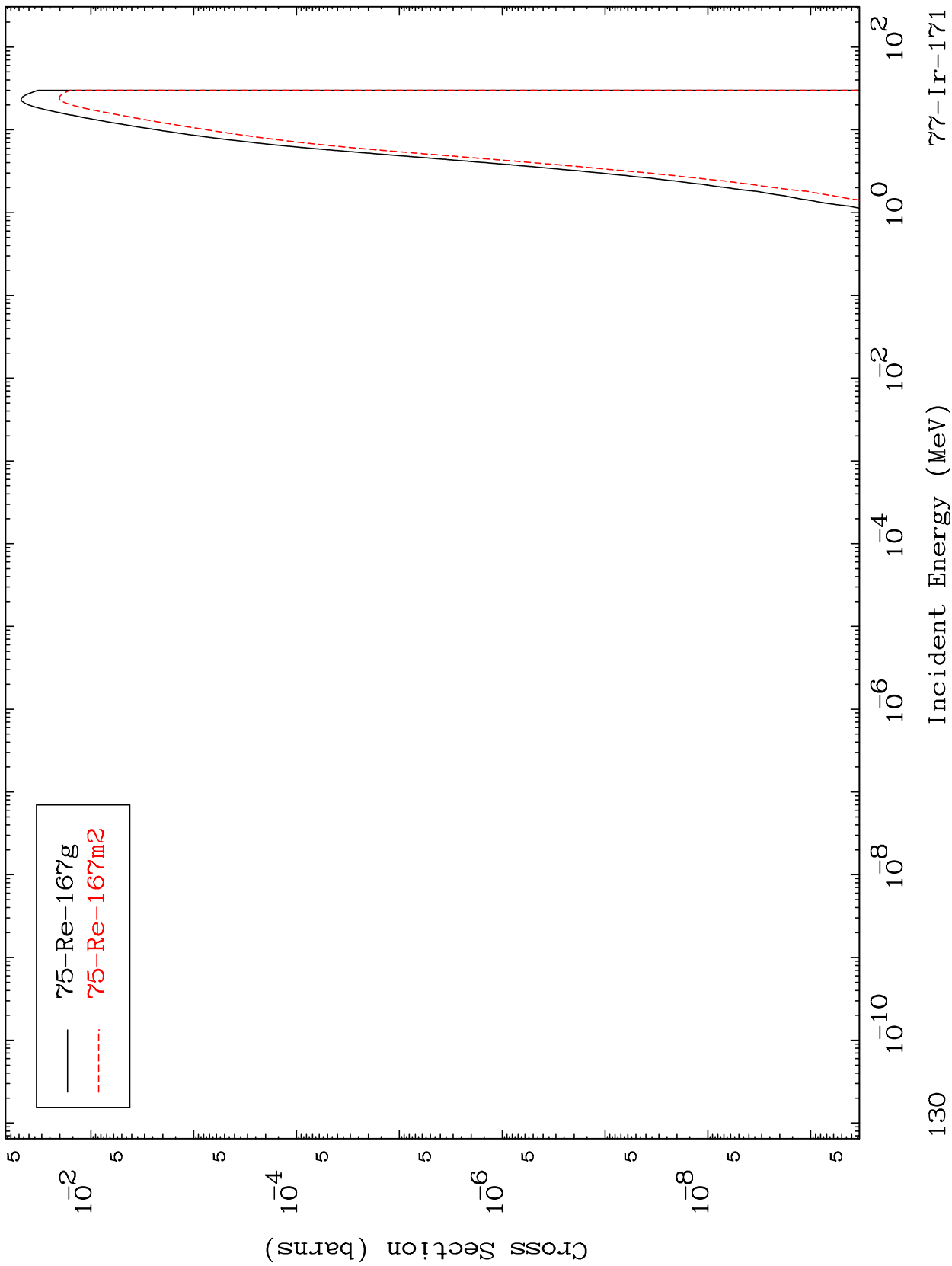
Incident Energy (MeV)

MAT 7665

$(n, n') \alpha$

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



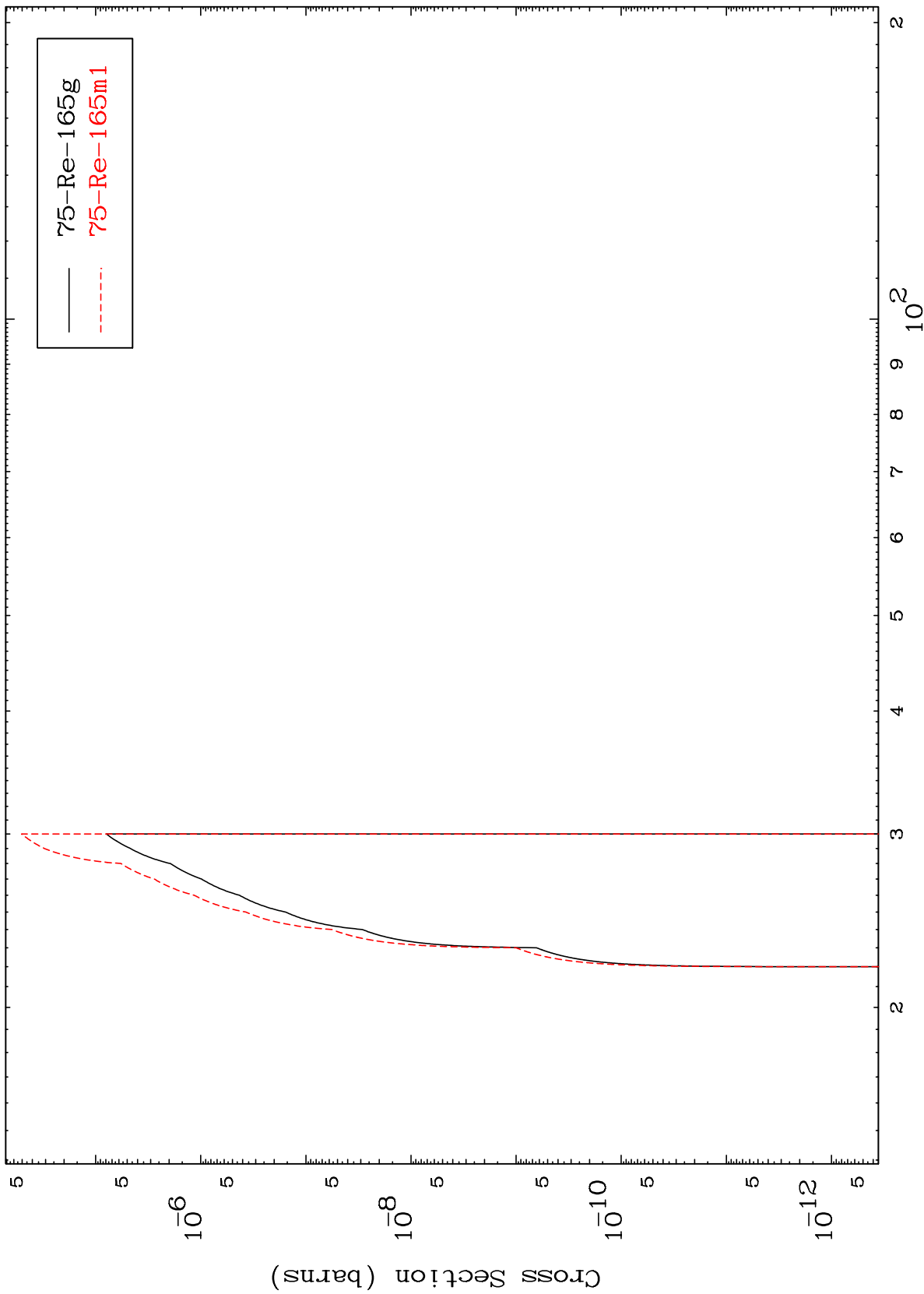
75-Re-167g  
75-Re-167m2

MAT 7665

$(n,3n) \alpha$

77-Ir-171

Radionuclide Production Cross Section



131

Incident Energy (MeV)

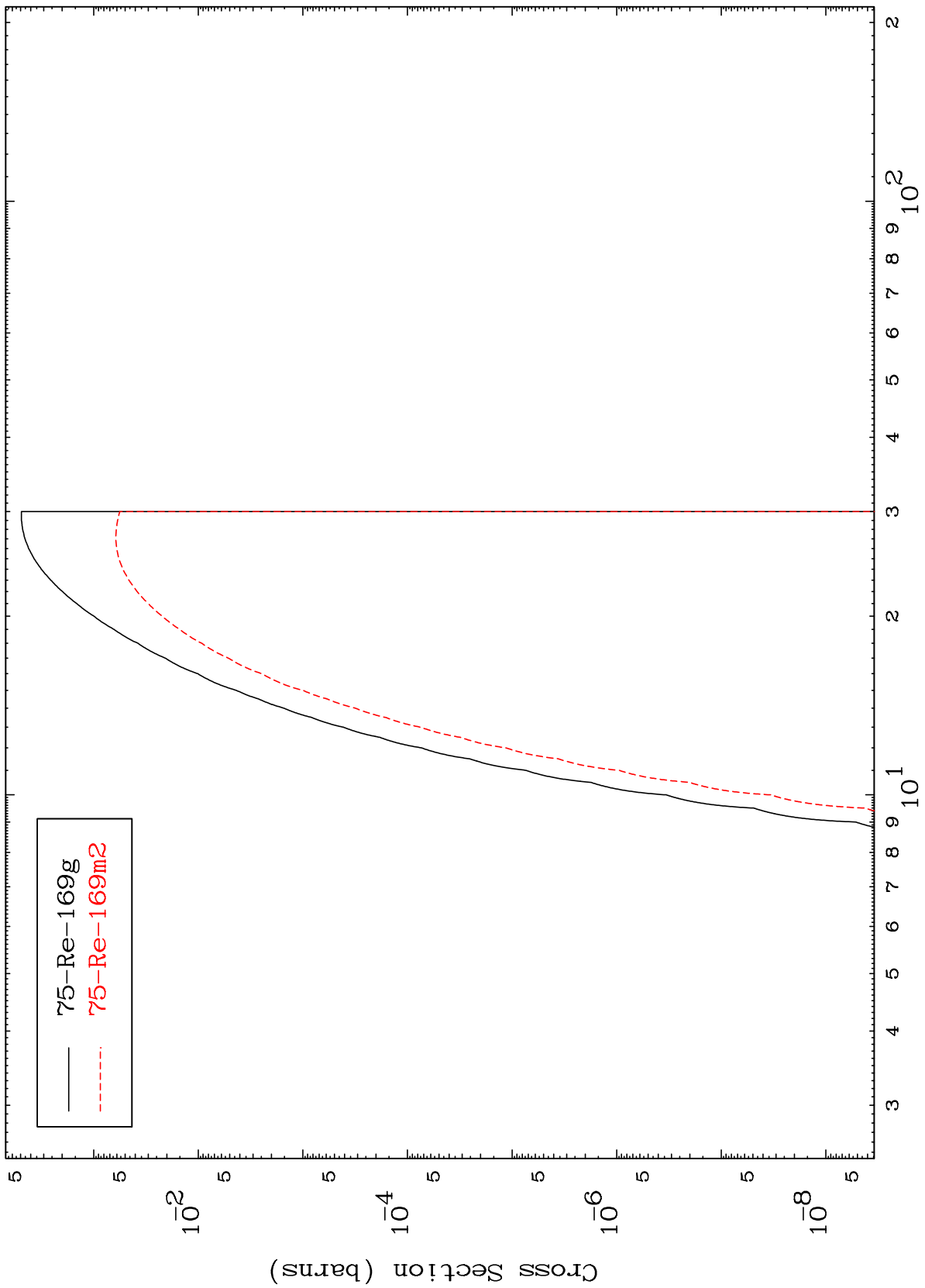
77-Ir-171

MAT 7665

$(n,2n)$  p

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



132

Incident Energy (MeV)

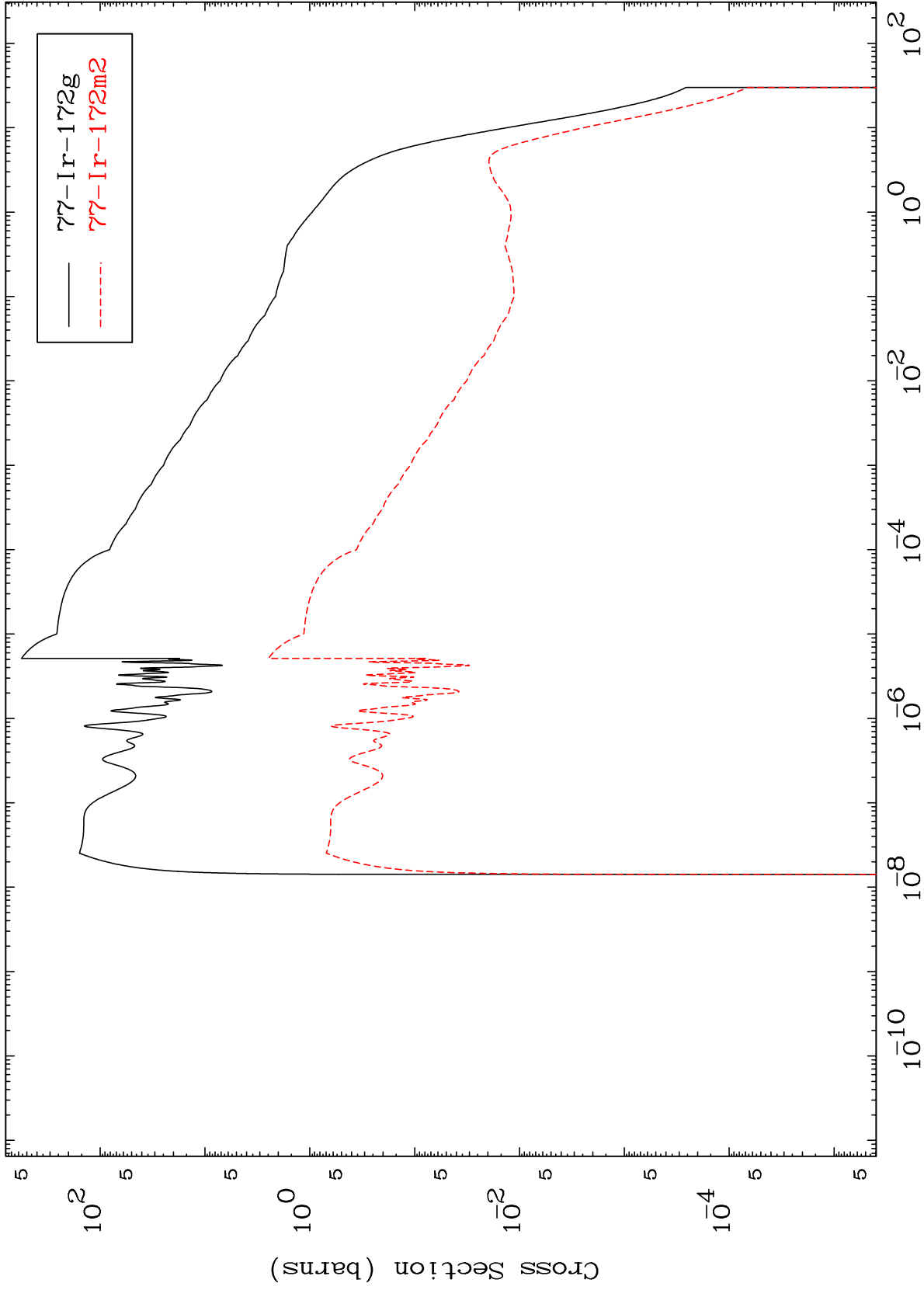
$^{77}\text{Ir-171}$

MAT 7665

77-Ir-171

Radionuclide Production Cross Section

(n,γ)



133

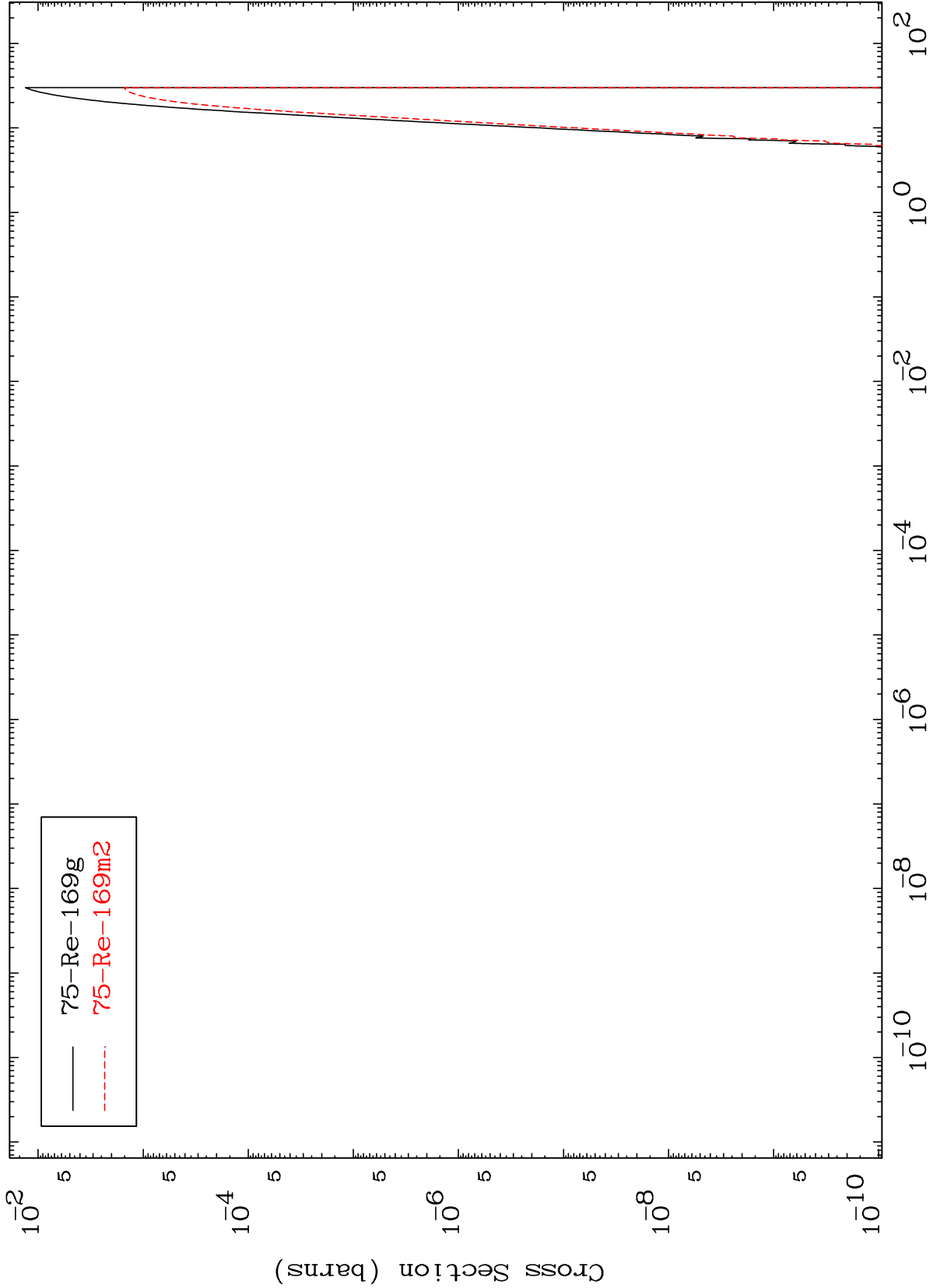
77-Ir-171

MAT 7665

(n,He-3)

77-Ir-171

Radionuclide Production Cross Section



75-Re-169g  
75-Re-169m2

Incident Energy (MeV)

77-Ir-171

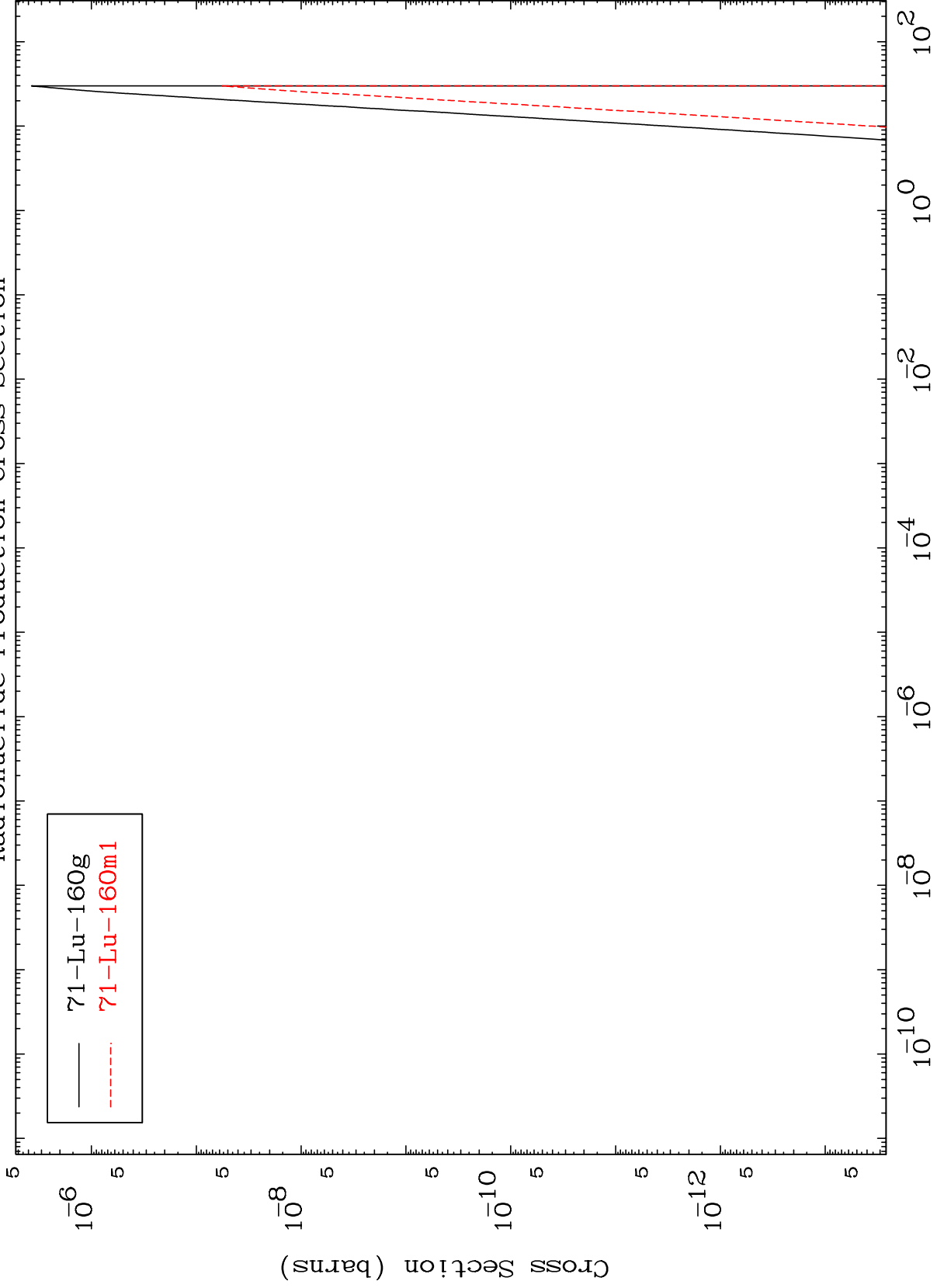
134

MAT 7665

(n, 3α)

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



135

Incident Energy (MeV)

<sup>77</sup>Ir-171

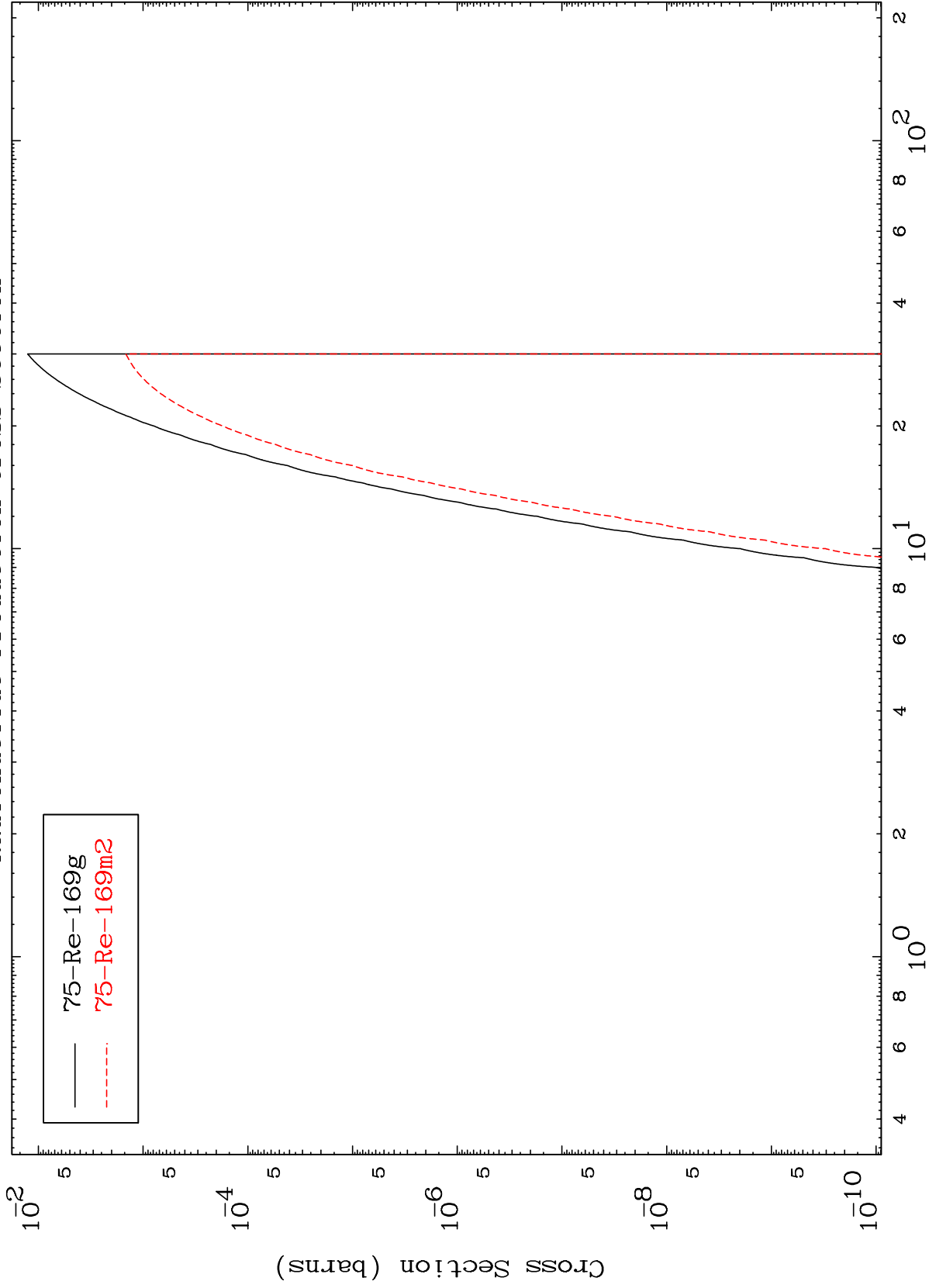


MAT 7665

(n,p) d

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



136

Incident Energy (MeV)

<sup>77</sup>Ir-171