

Program EVALPLOT  
(Version 2021-1)

by

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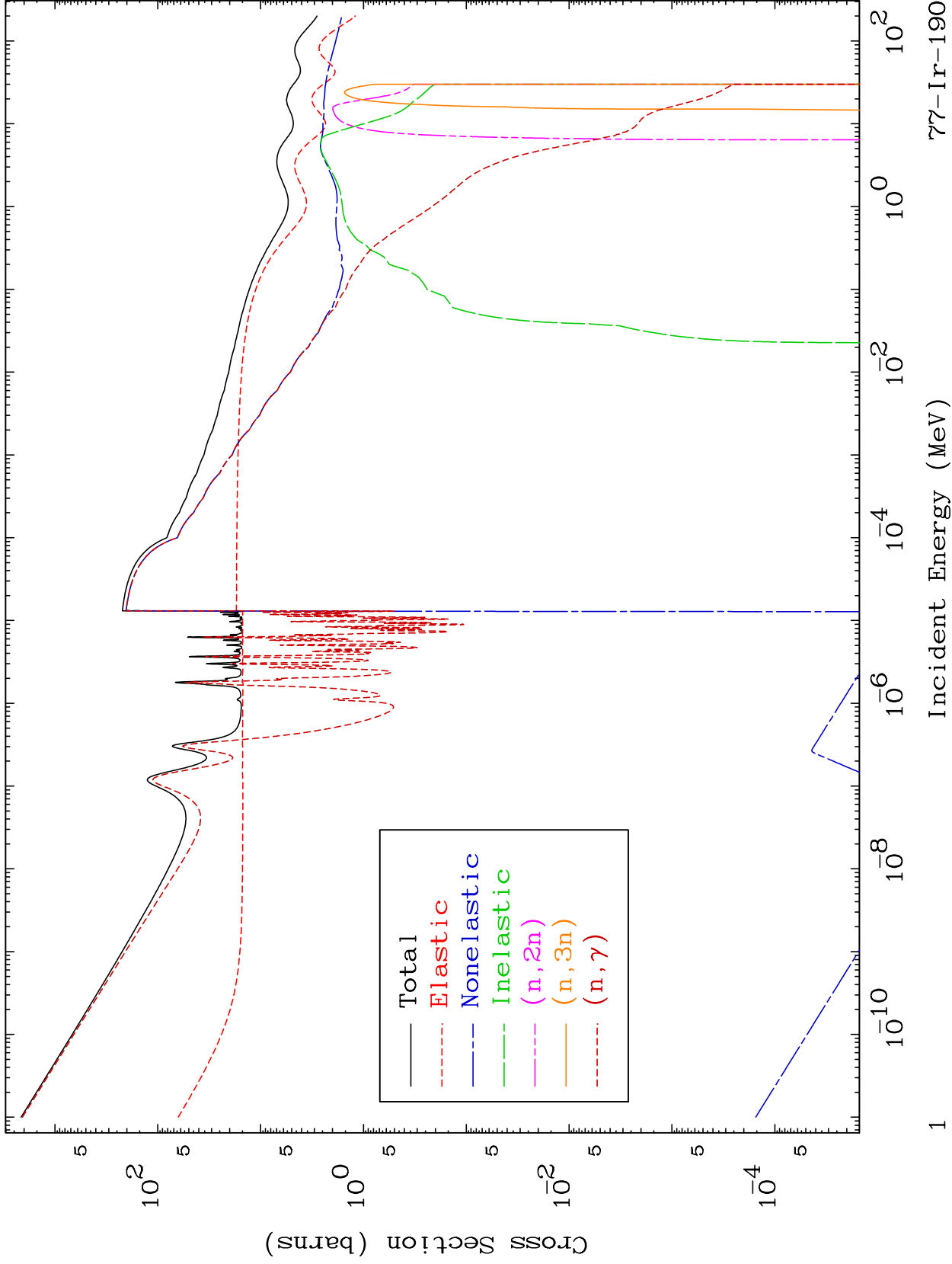
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Press Mouse Button to Start

MAT 7722

Neutron Major  
293 Kelvin Cross Sections

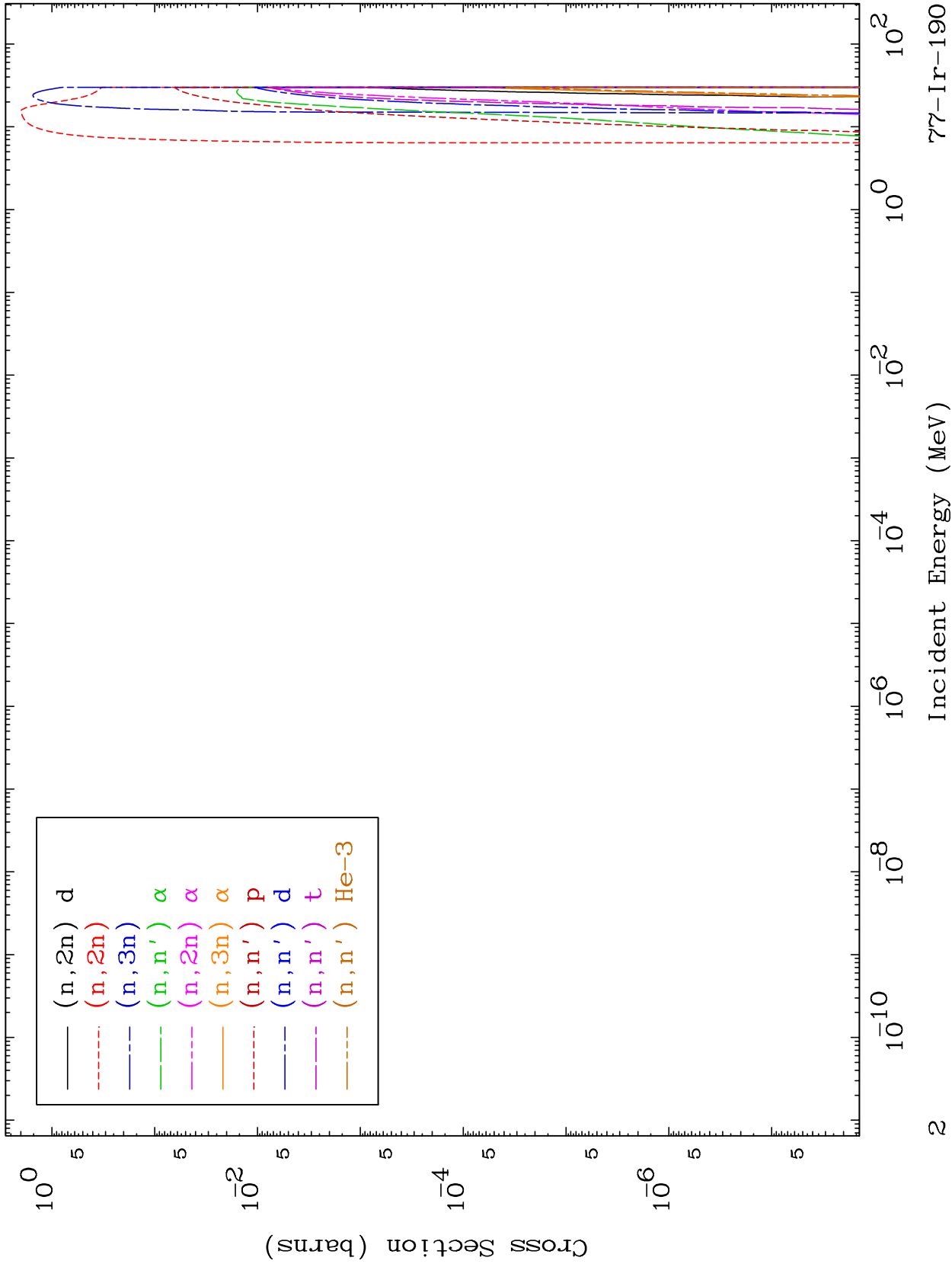
77-Ir-190



MAT 7722

Neutron Absorption  
293 Kelvin Cross Sections

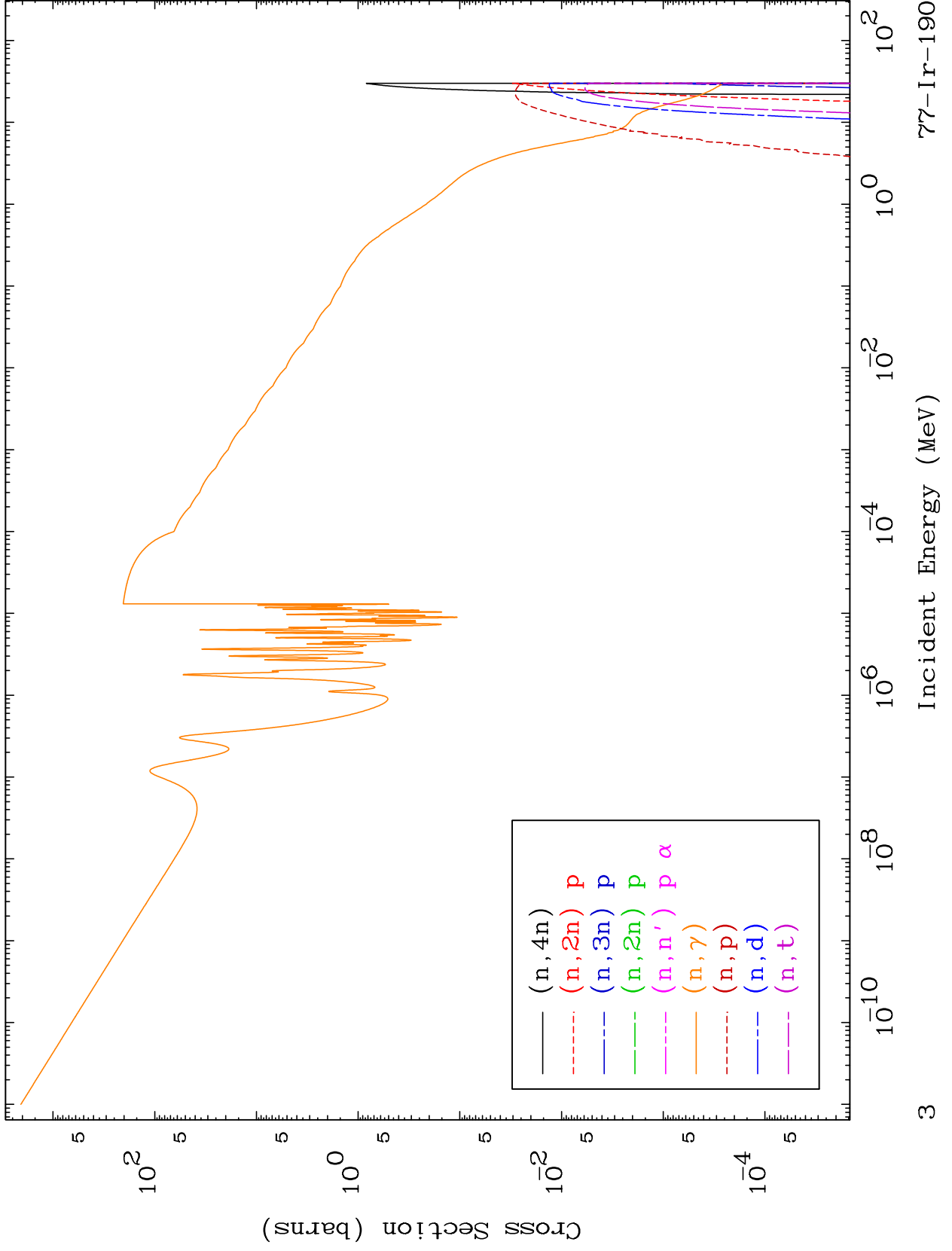
77-Ir-190



MAT 7722

Neutron Absorption  
293 Kelvin Cross Sections

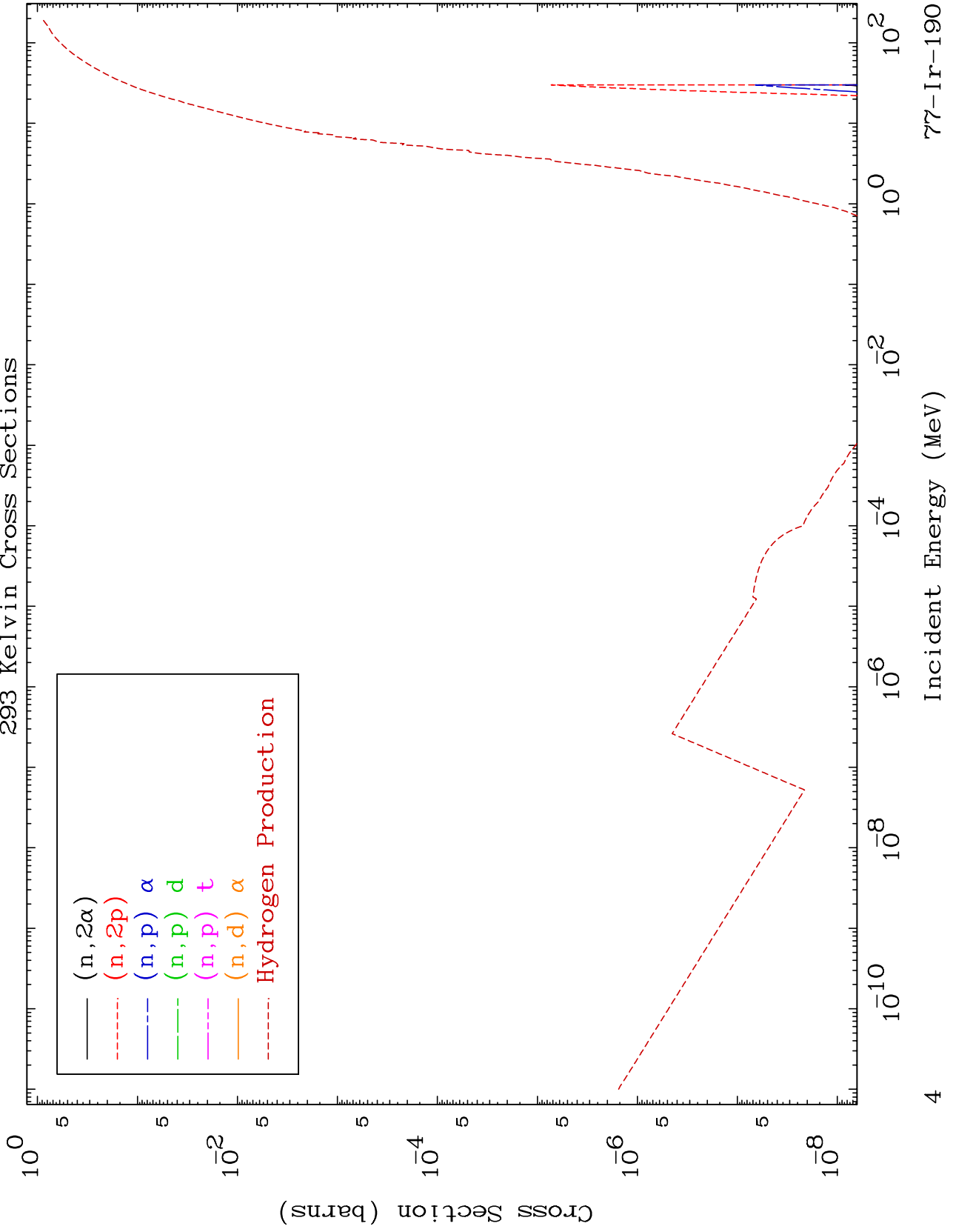
77-Ir-190



MAT 7722

Neutron Absorption  
293 Kelvin Cross Sections

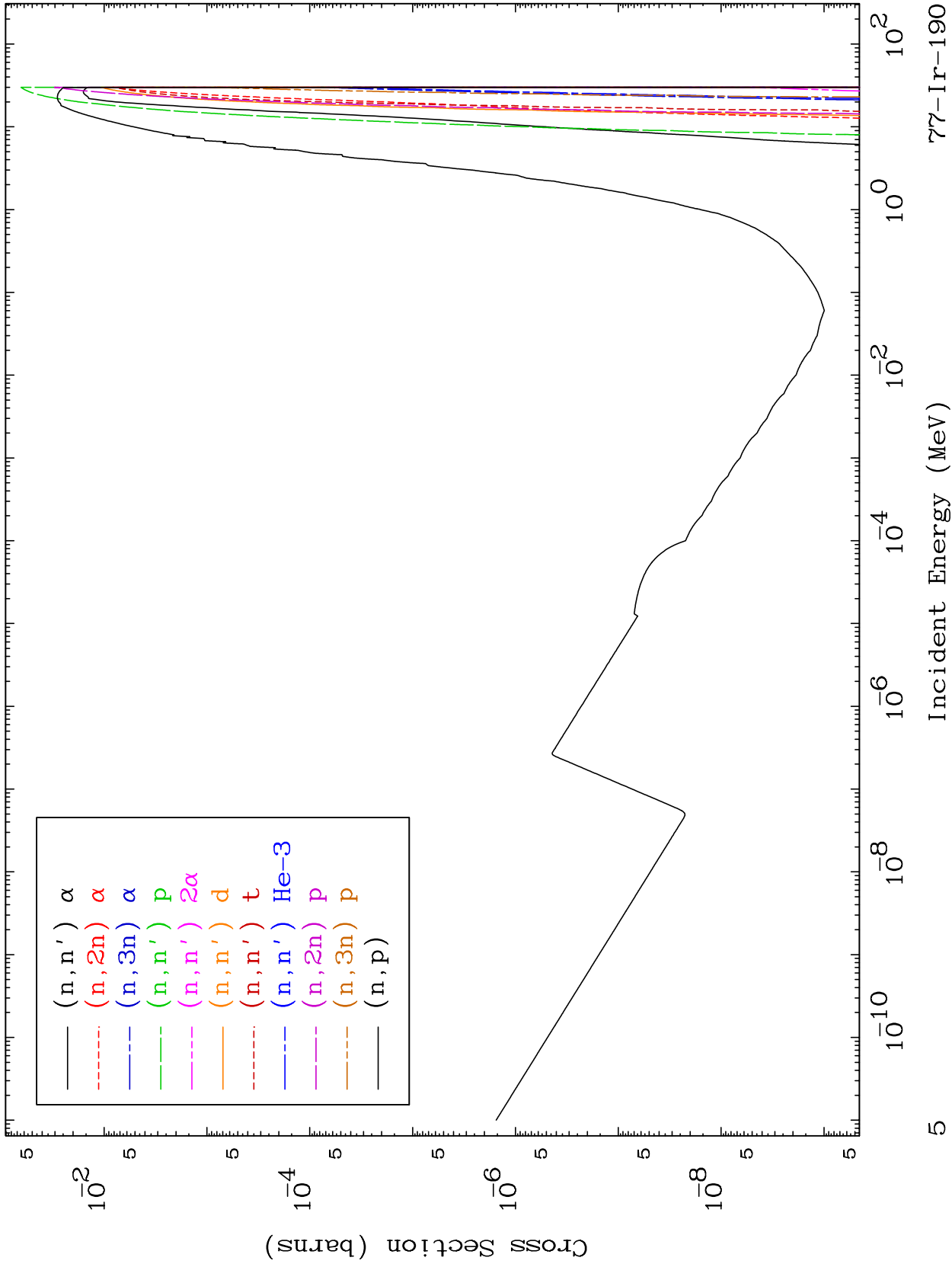
77-Ir-190



MAT 7722

Charged Particle  
293 Kelvin Cross Sections

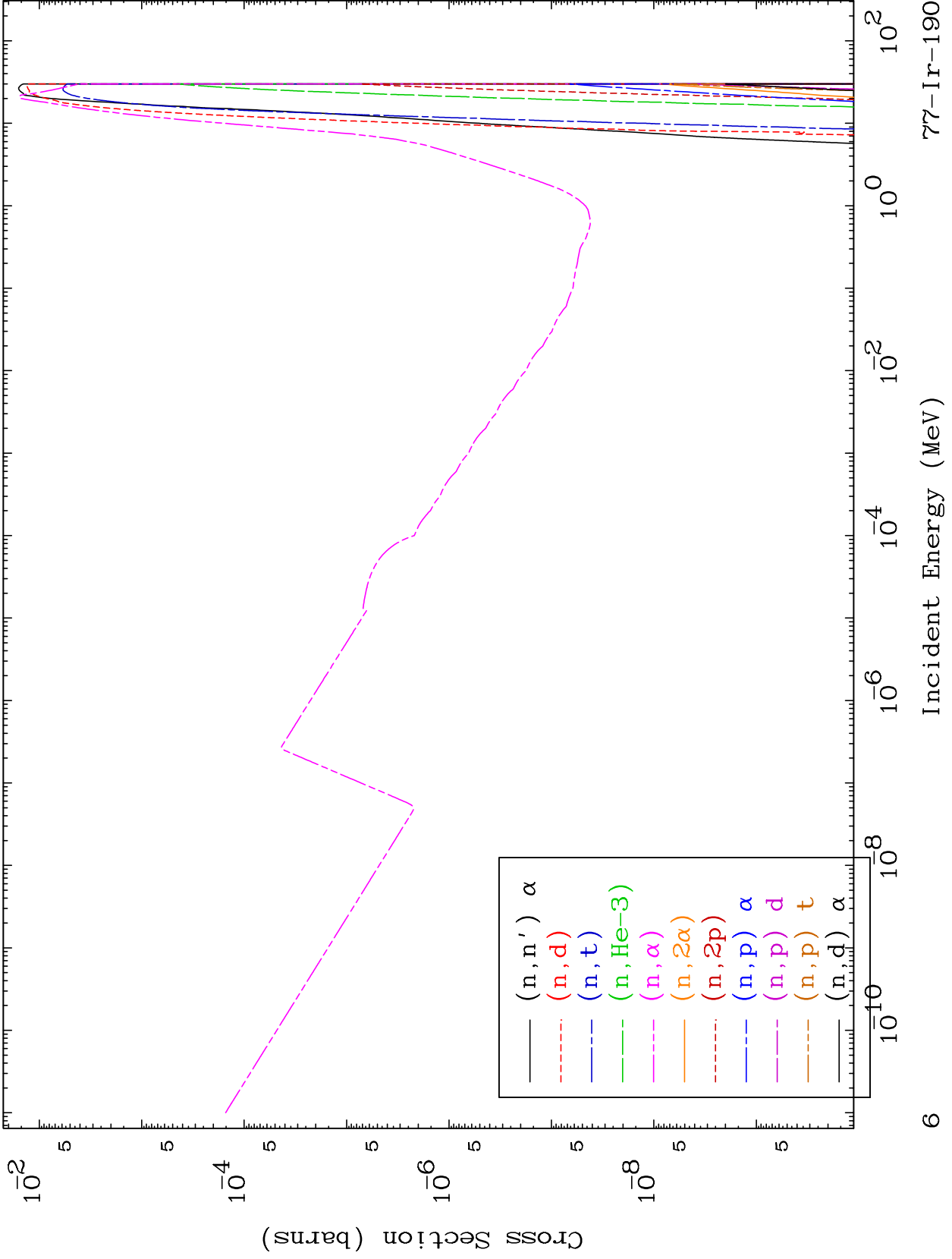
77-Ir-190



MAT 7722

Charged Particle  
293 Kelvin Cross Sections

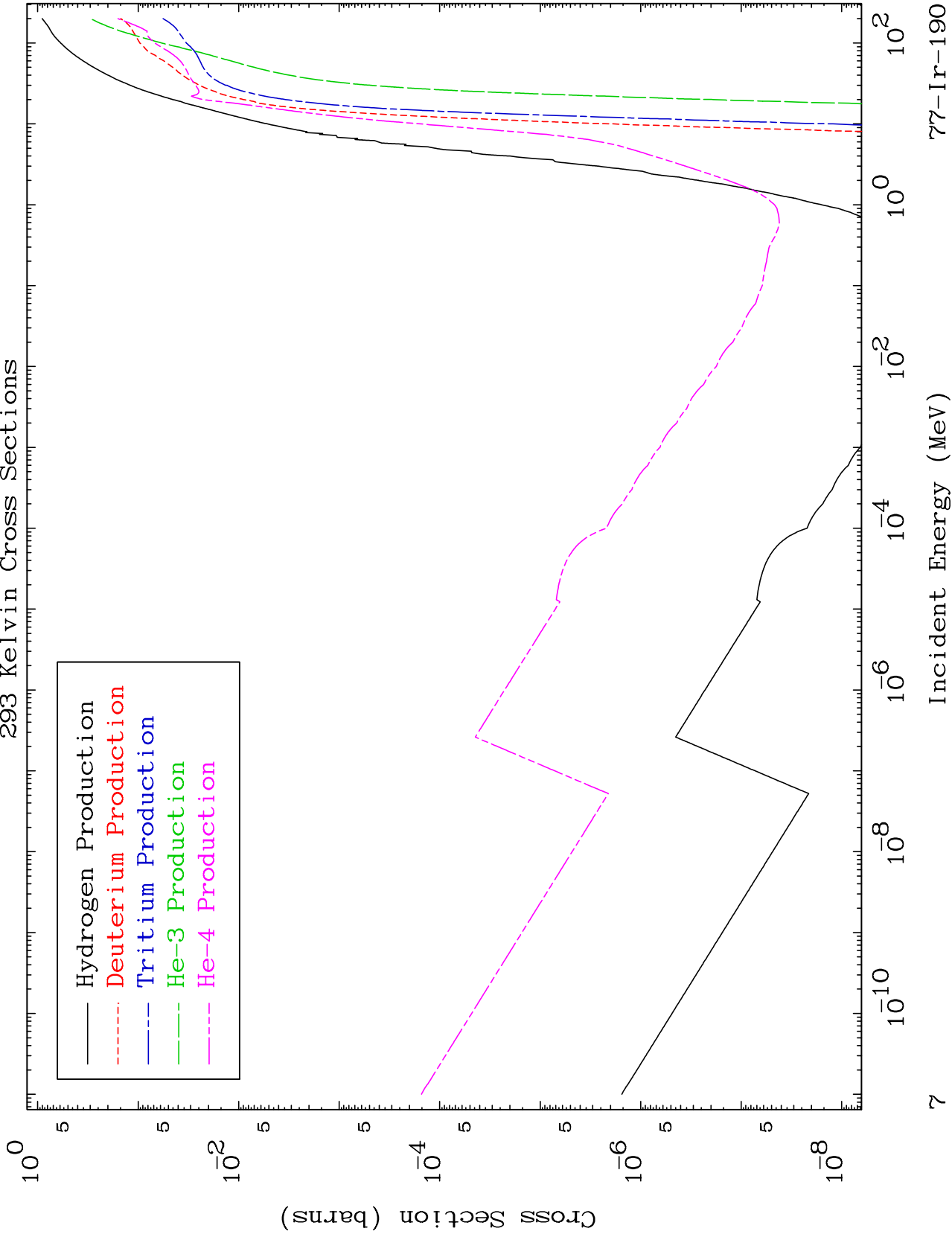
77-Ir-190



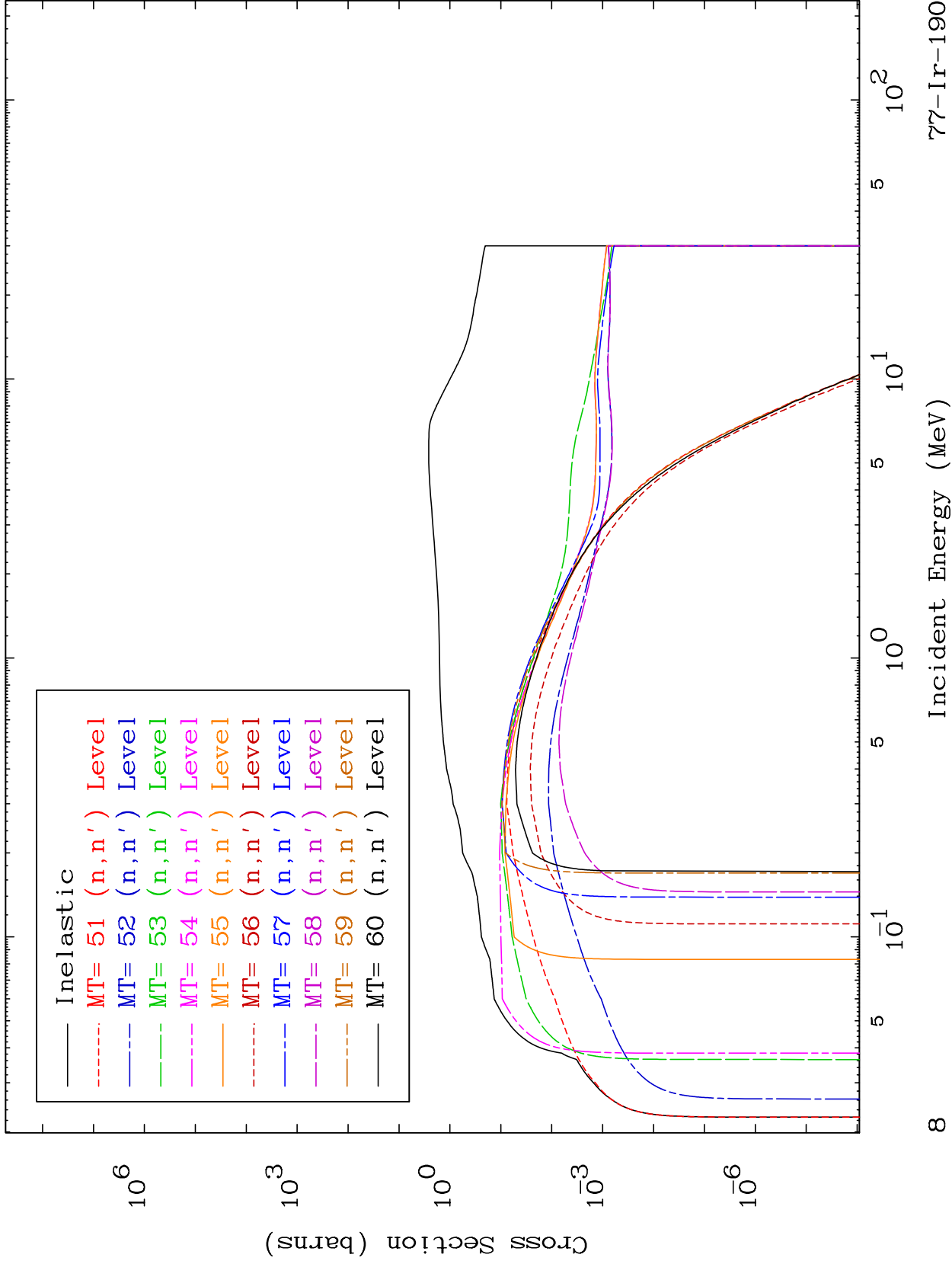
MAT 7722

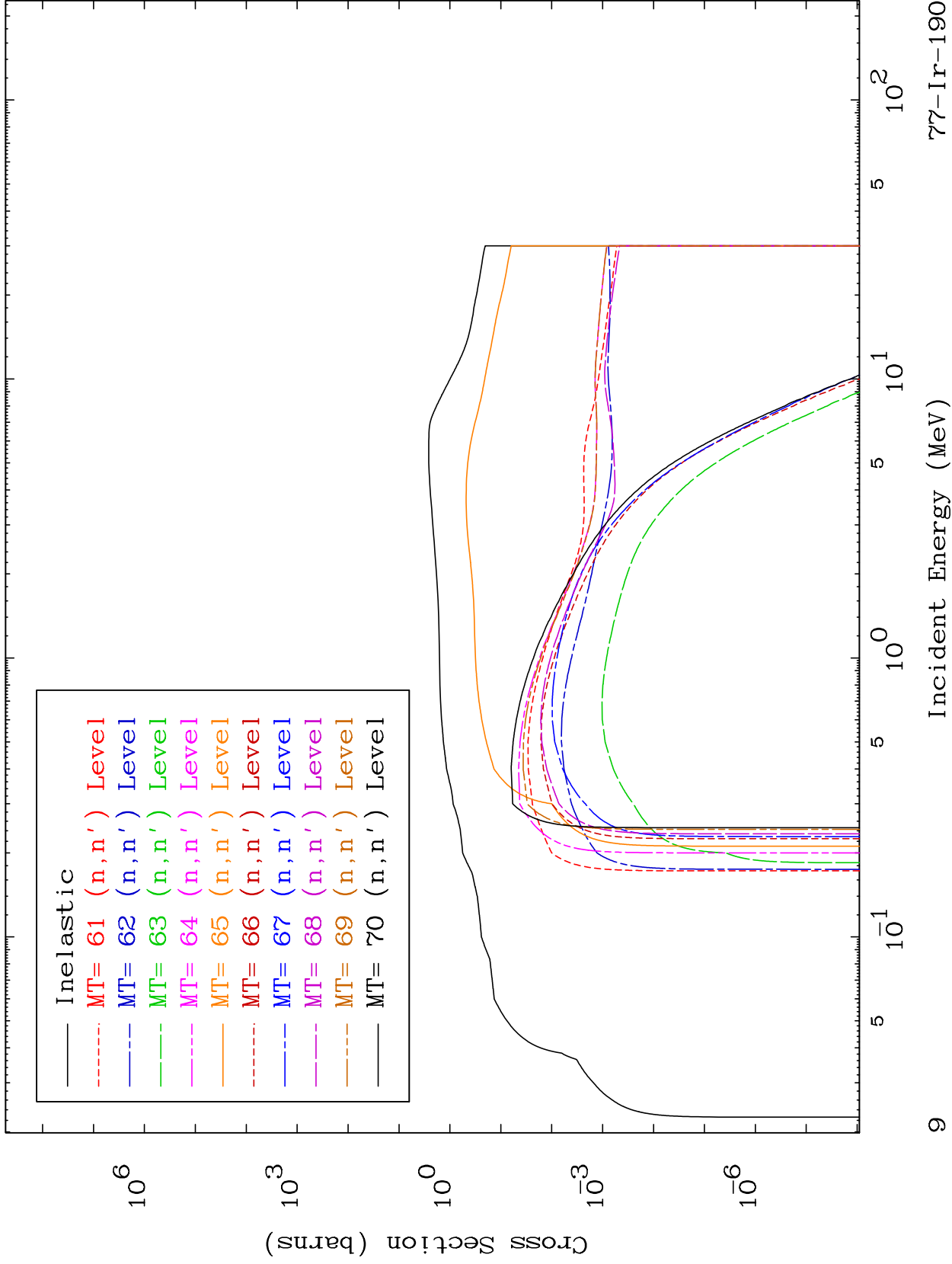
Particle Production  
293 Kelvin Cross Sections

77-Ir-190





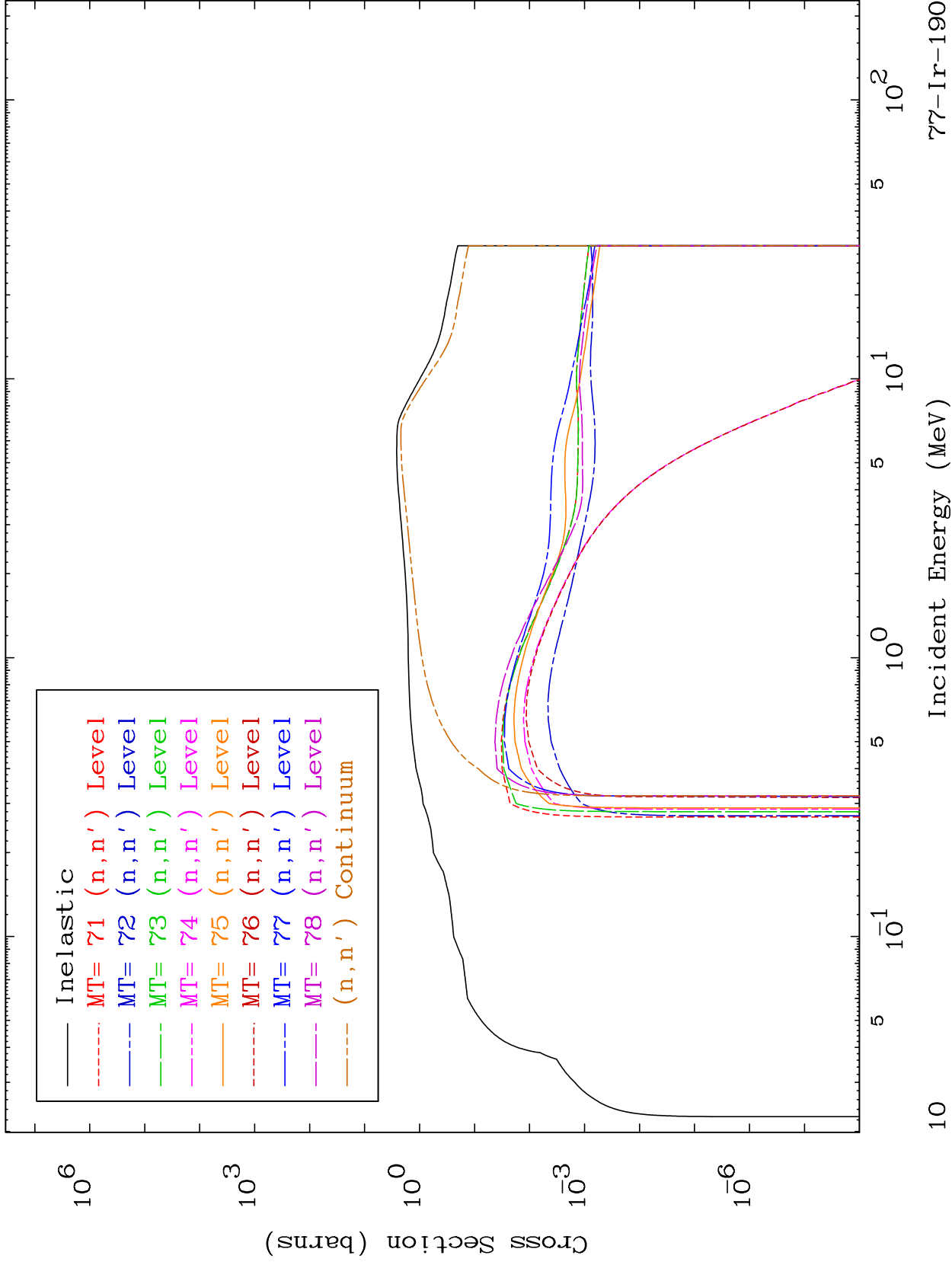




MAT 7722

293 Kelvin Cross Sections

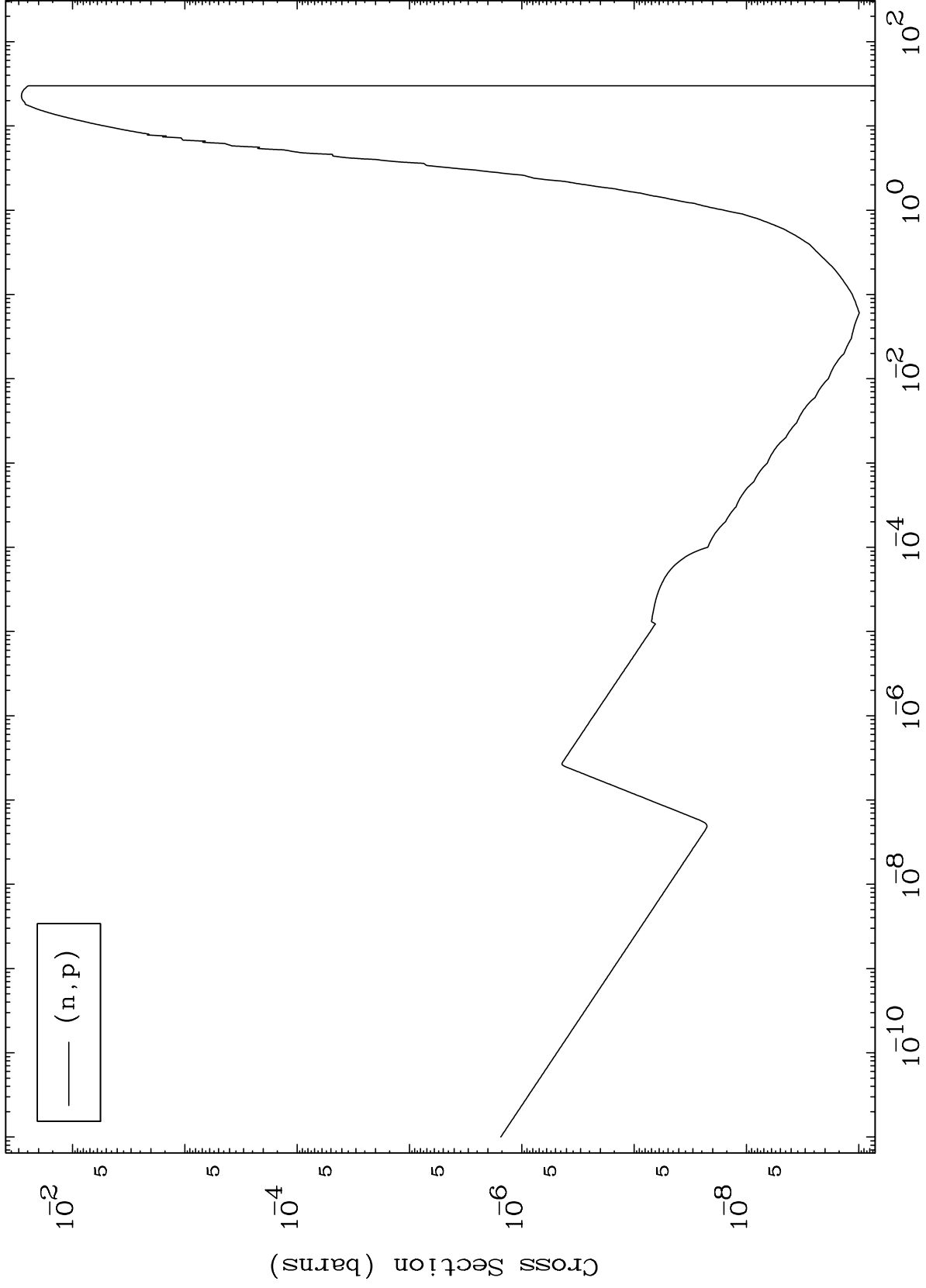
77-Ir-190



MAT 7722

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-190



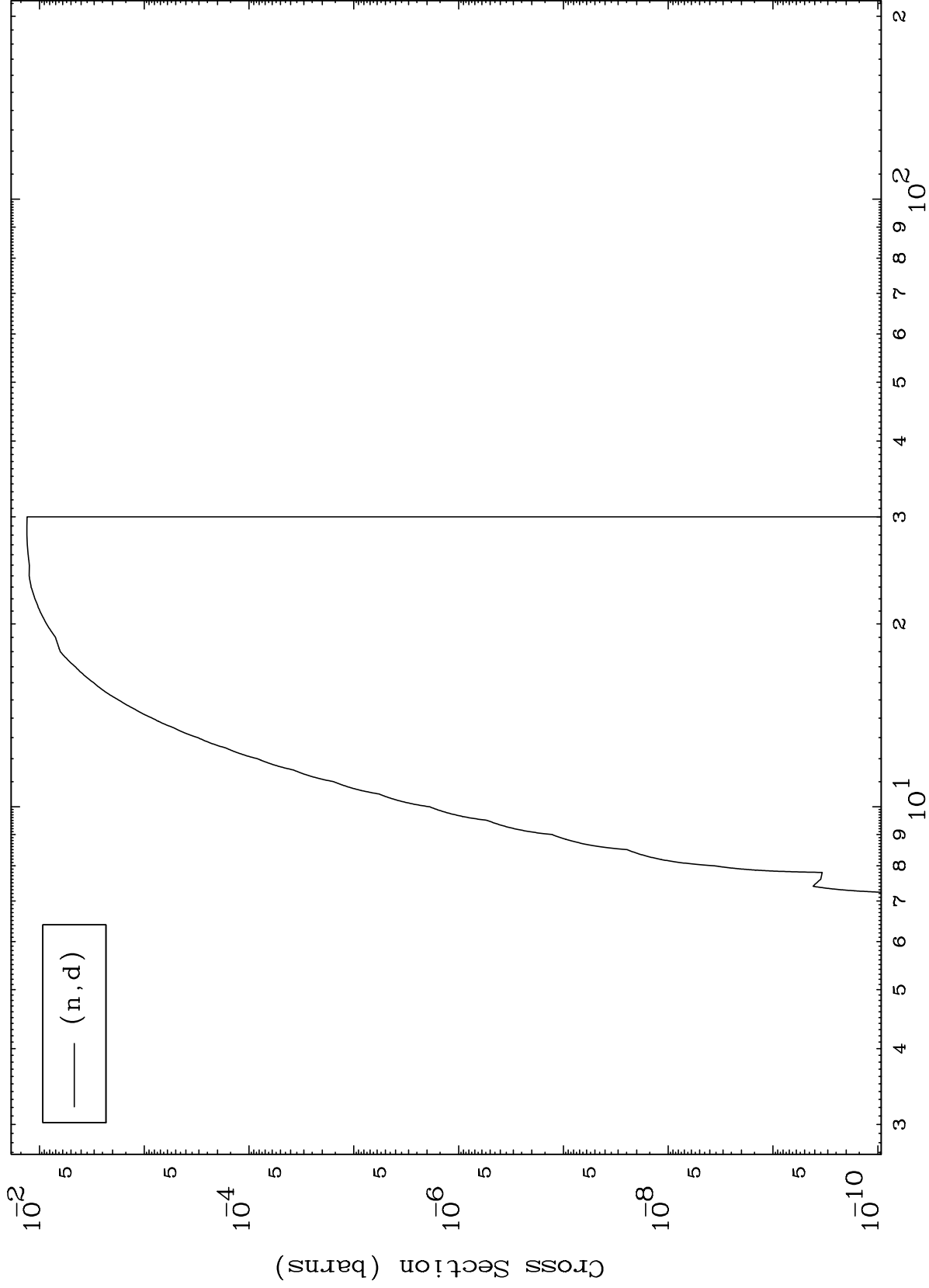
77-Ir-190

Incident Energy (MeV)

MAT 7722

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-190



12

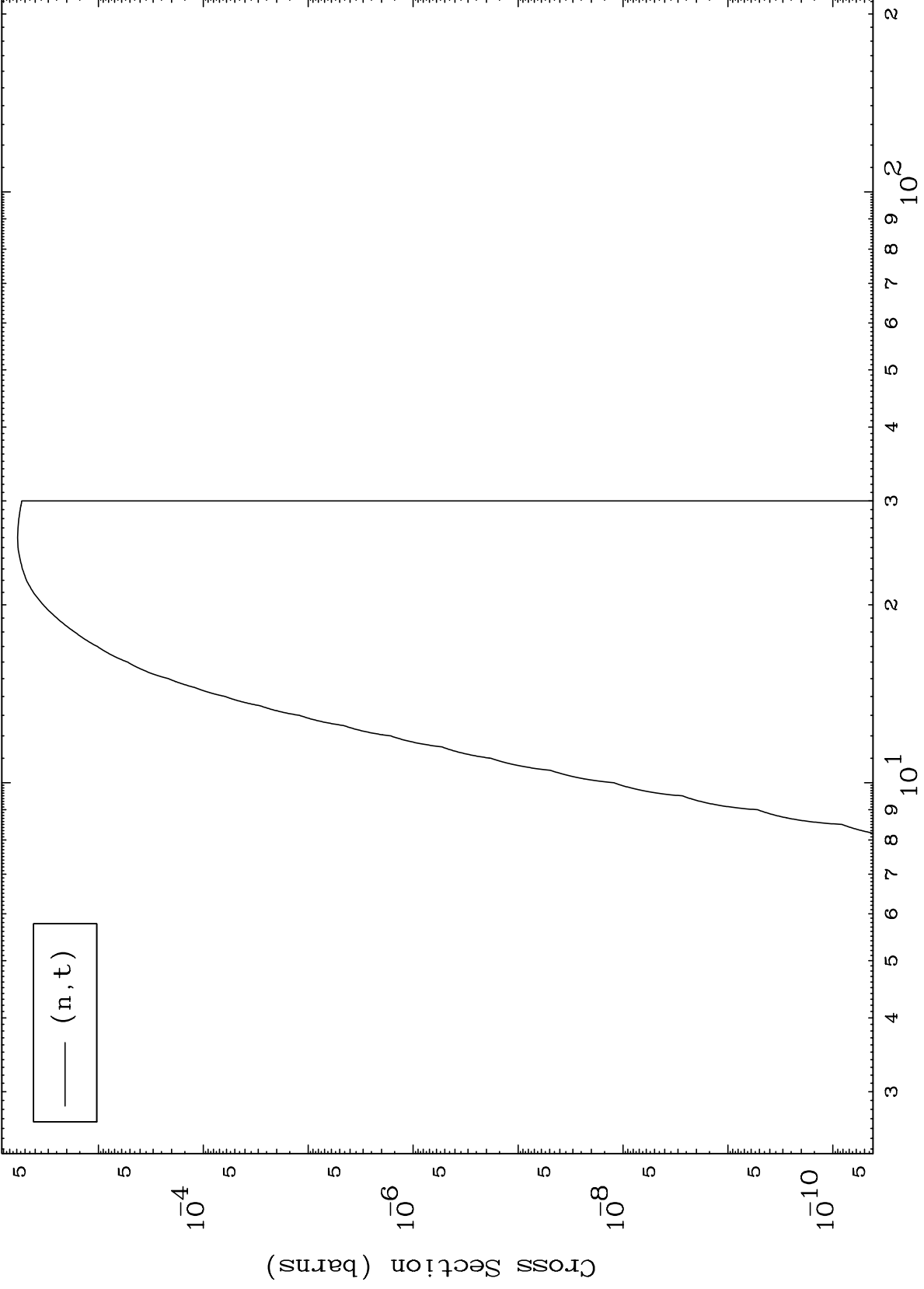
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-190



13

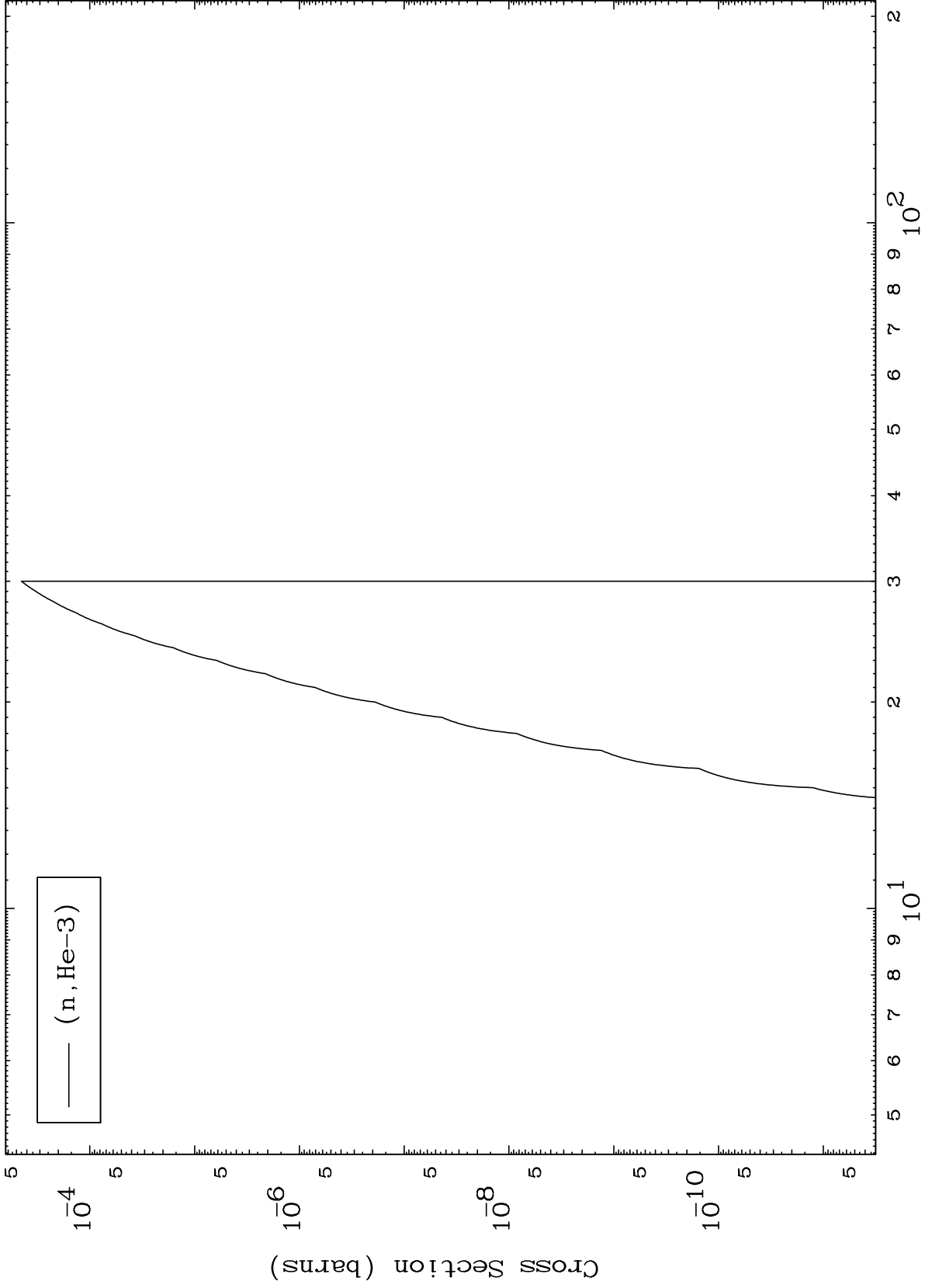
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,He3) Levels  
293 Kelvin Cross Sections

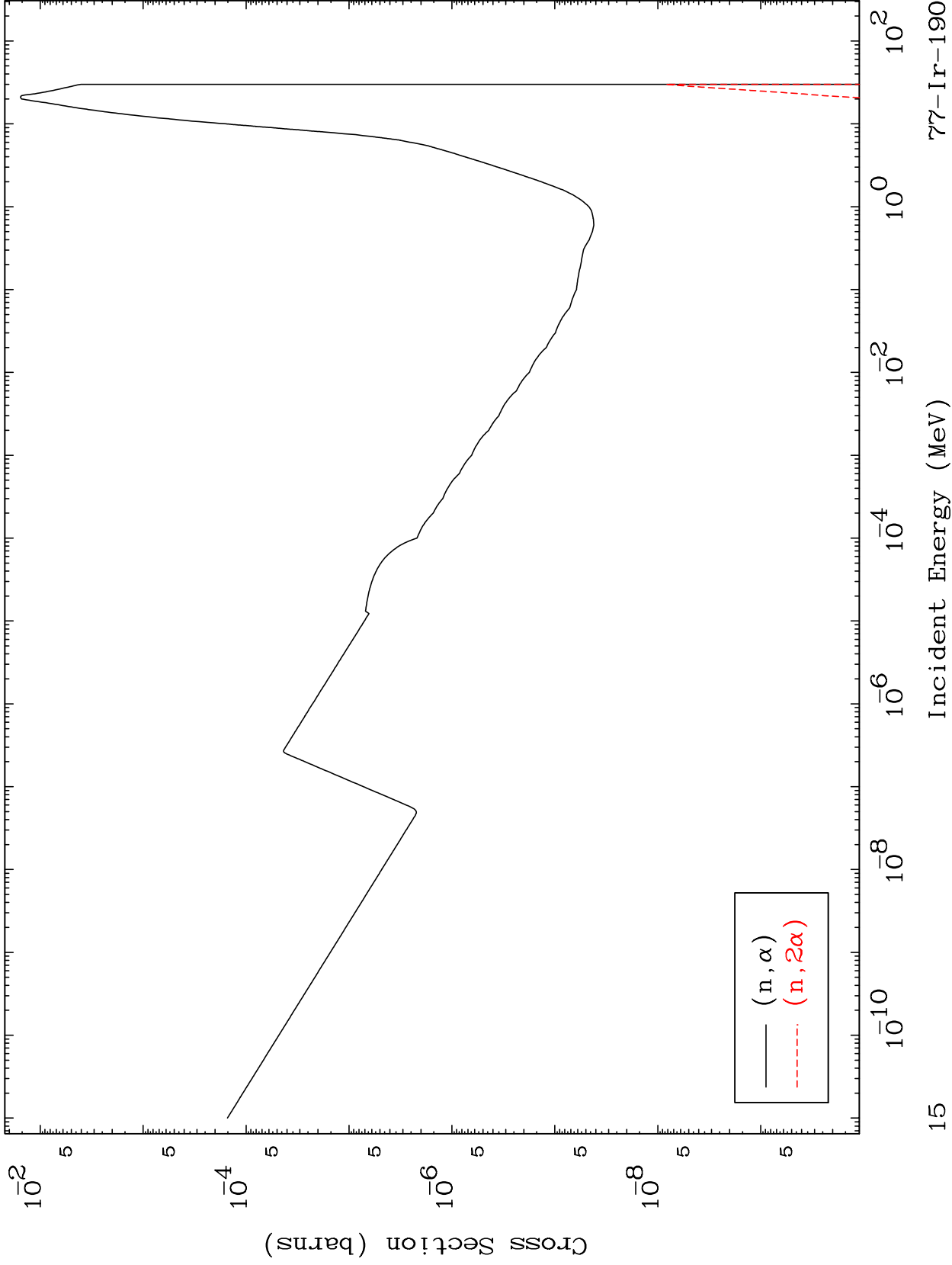
77-Ir-190



MAT 7722

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-190



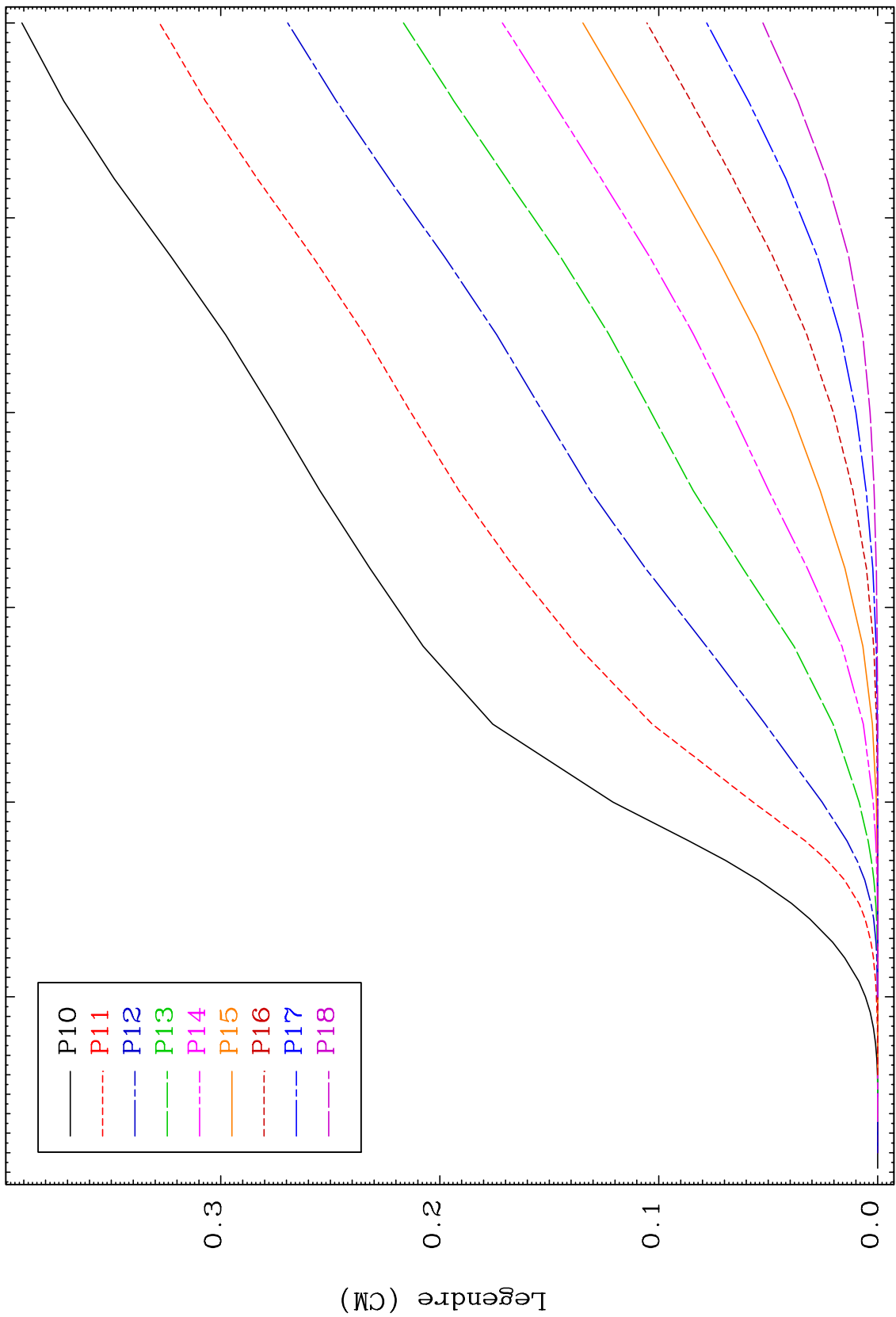




MAT 7722

Elastic Legendre Coefficients

<sup>77</sup>Ir-190



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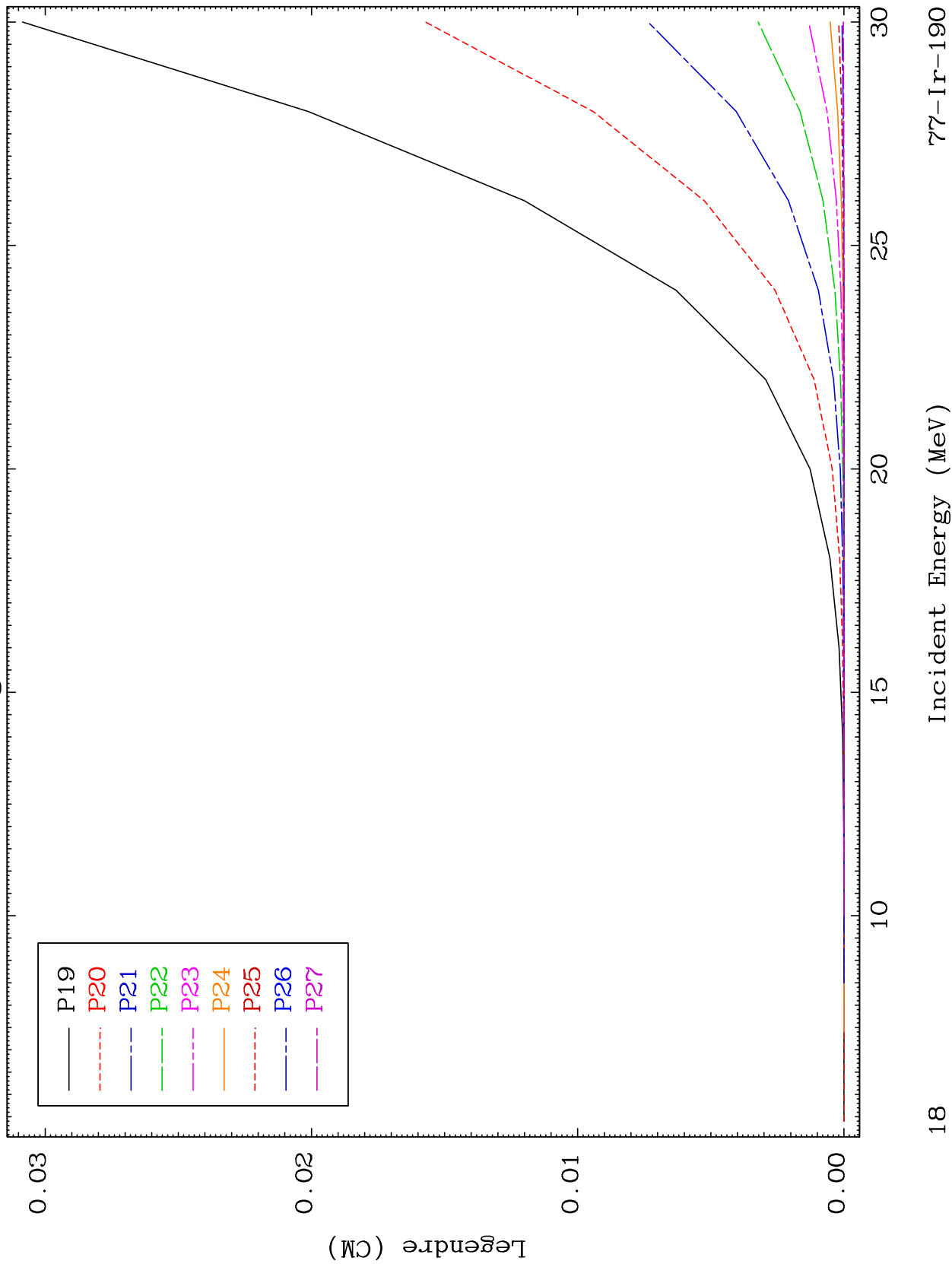
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

Elastic Legendre Coefficients

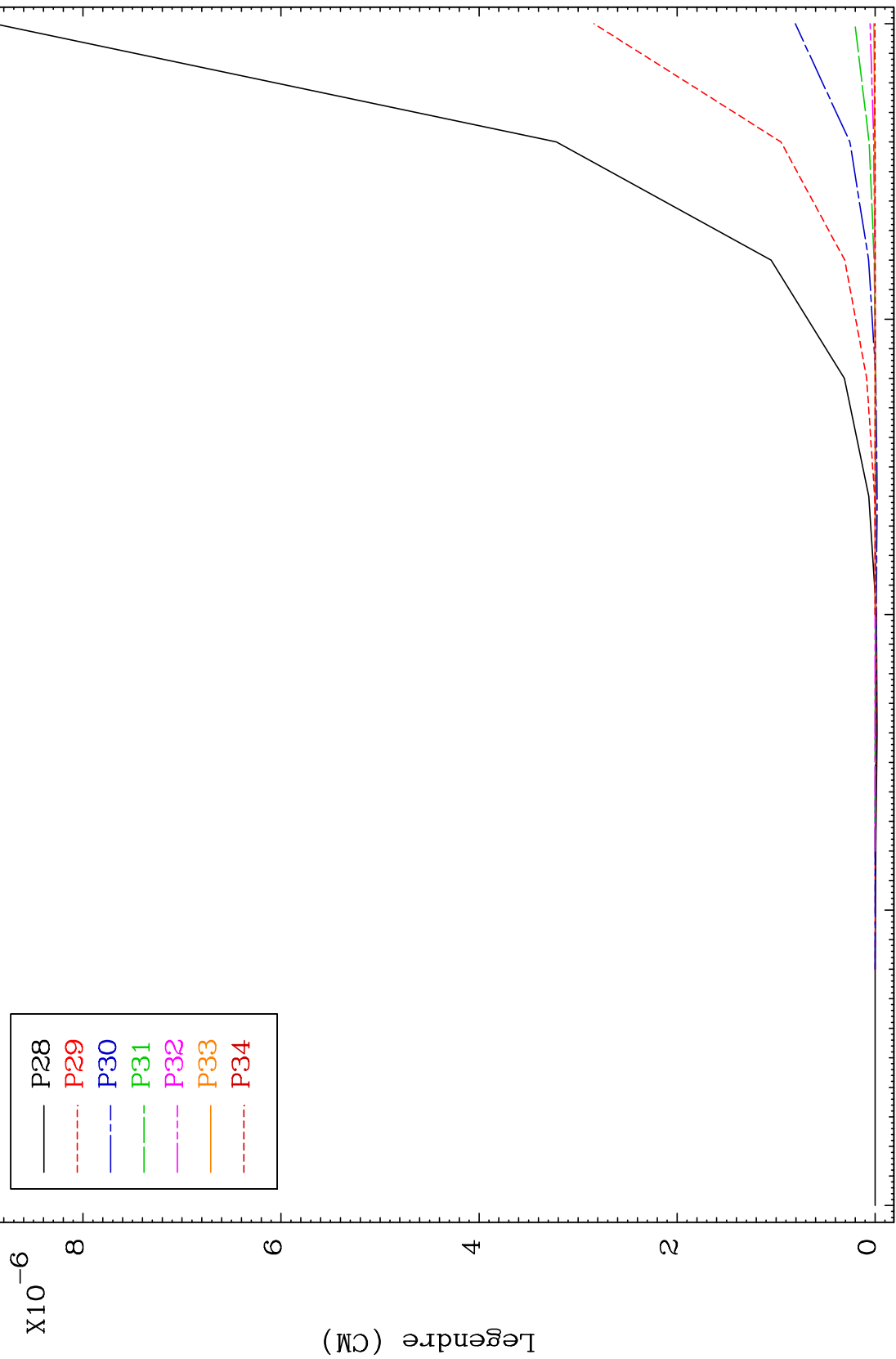
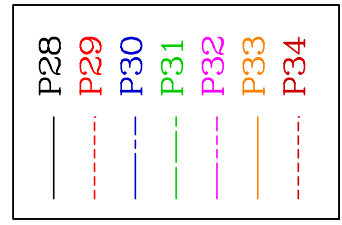
77-Ir-190



MAT 7722

Elastic Legendre Coefficients

77-Ir-190



77-Ir-190

Incident Energy (MeV)

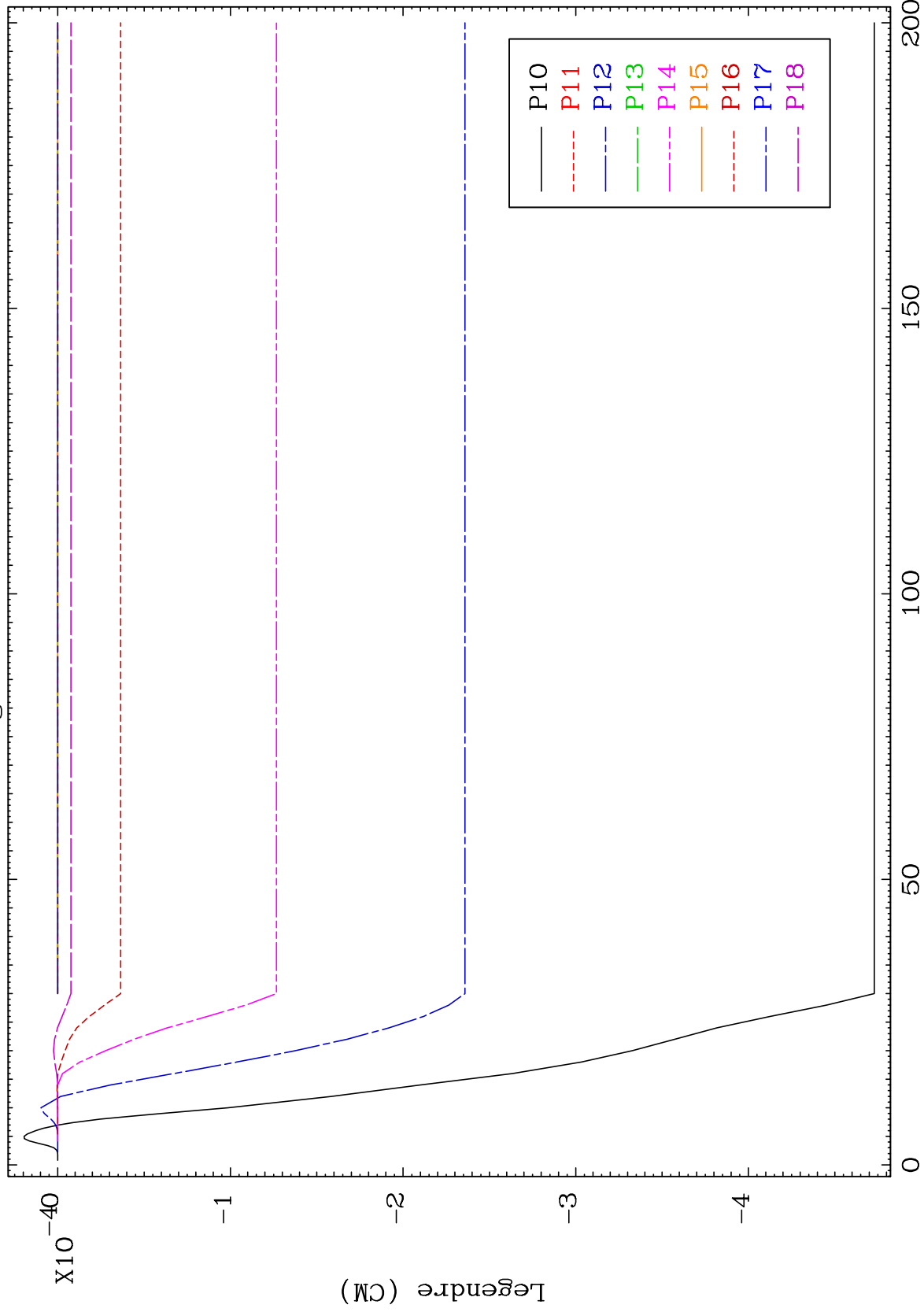
19



MAT 7722

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

77-Ir-190



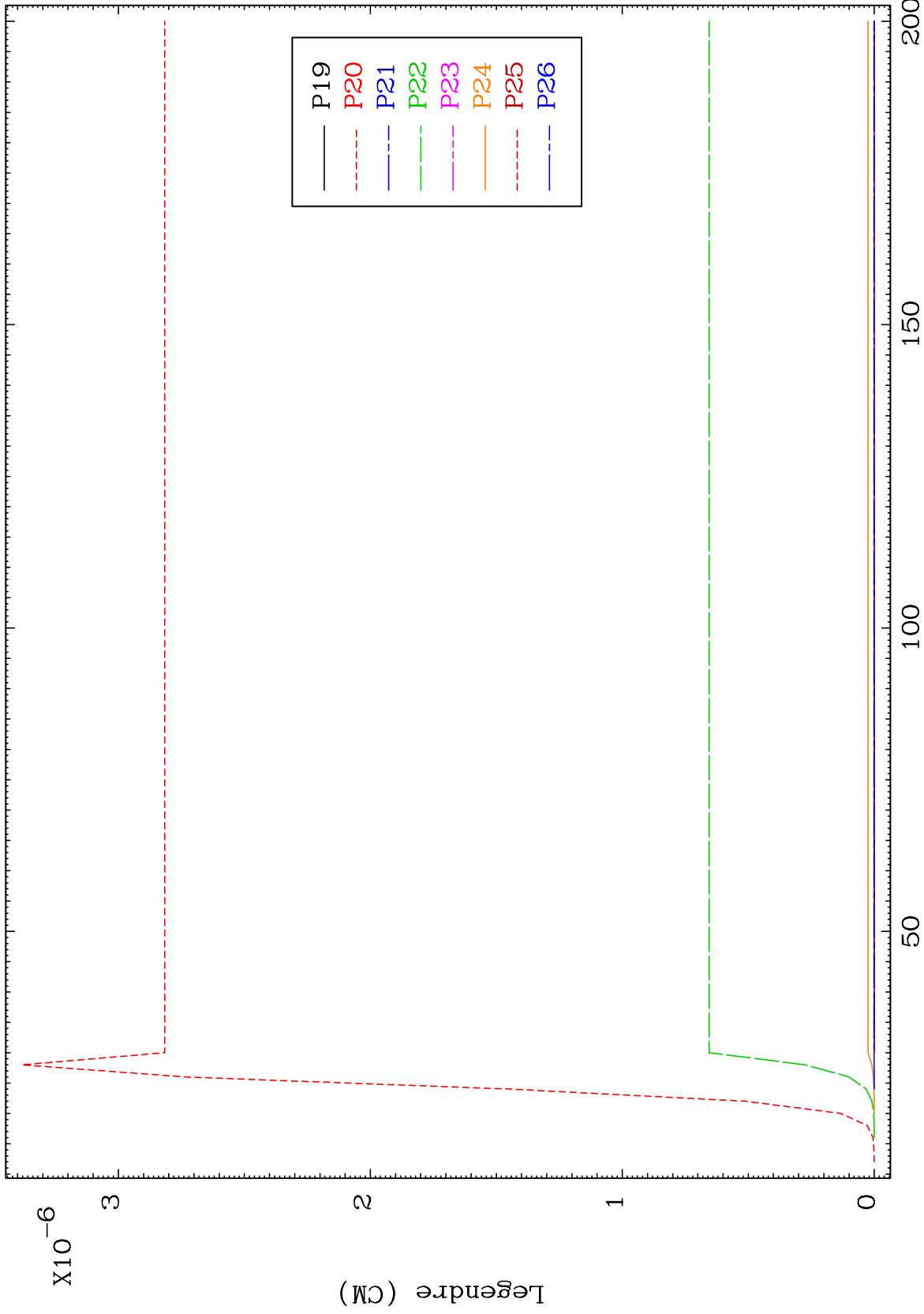
21

77-Ir-190

MAT 7722

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

77-Ir-190



22

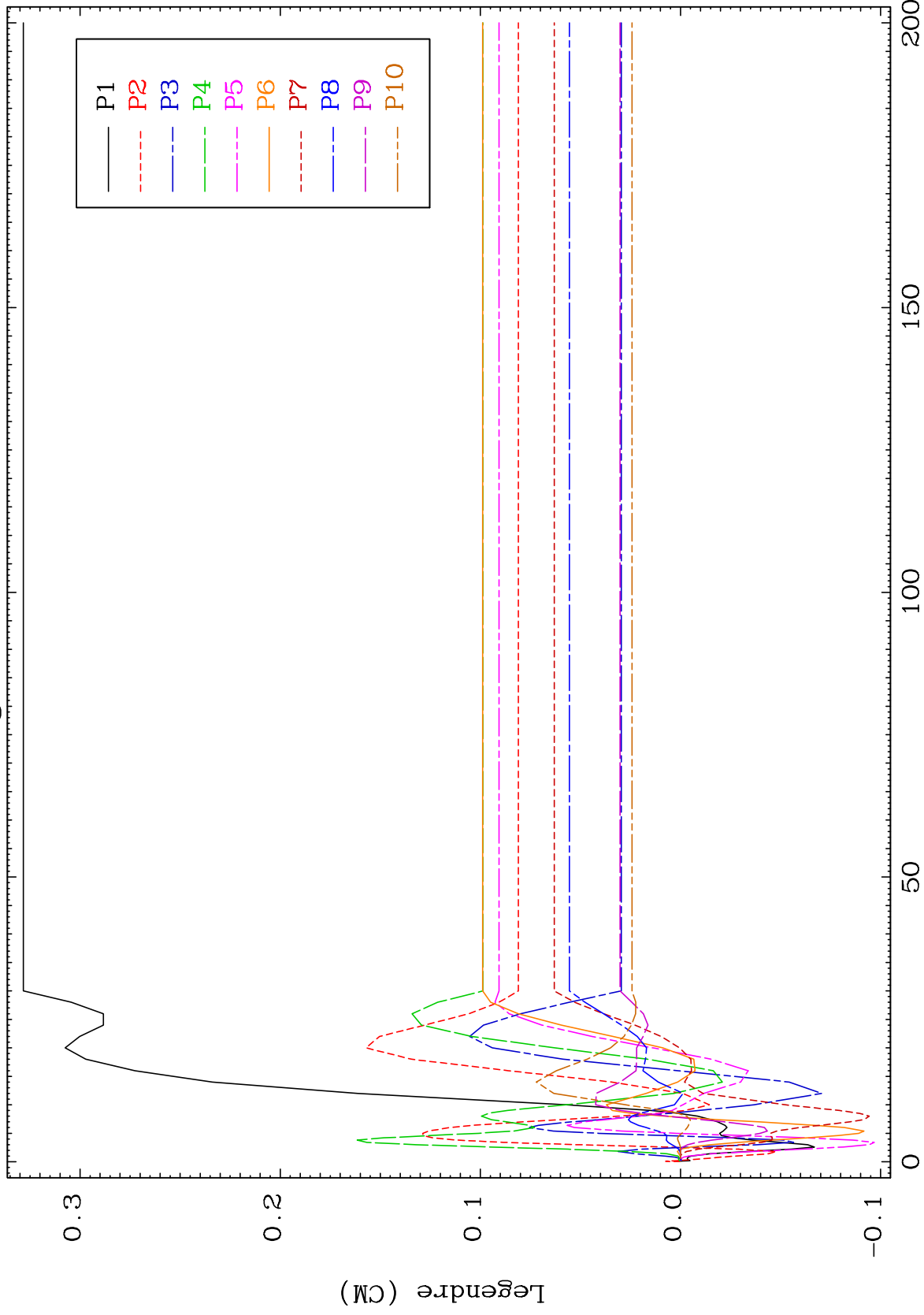
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

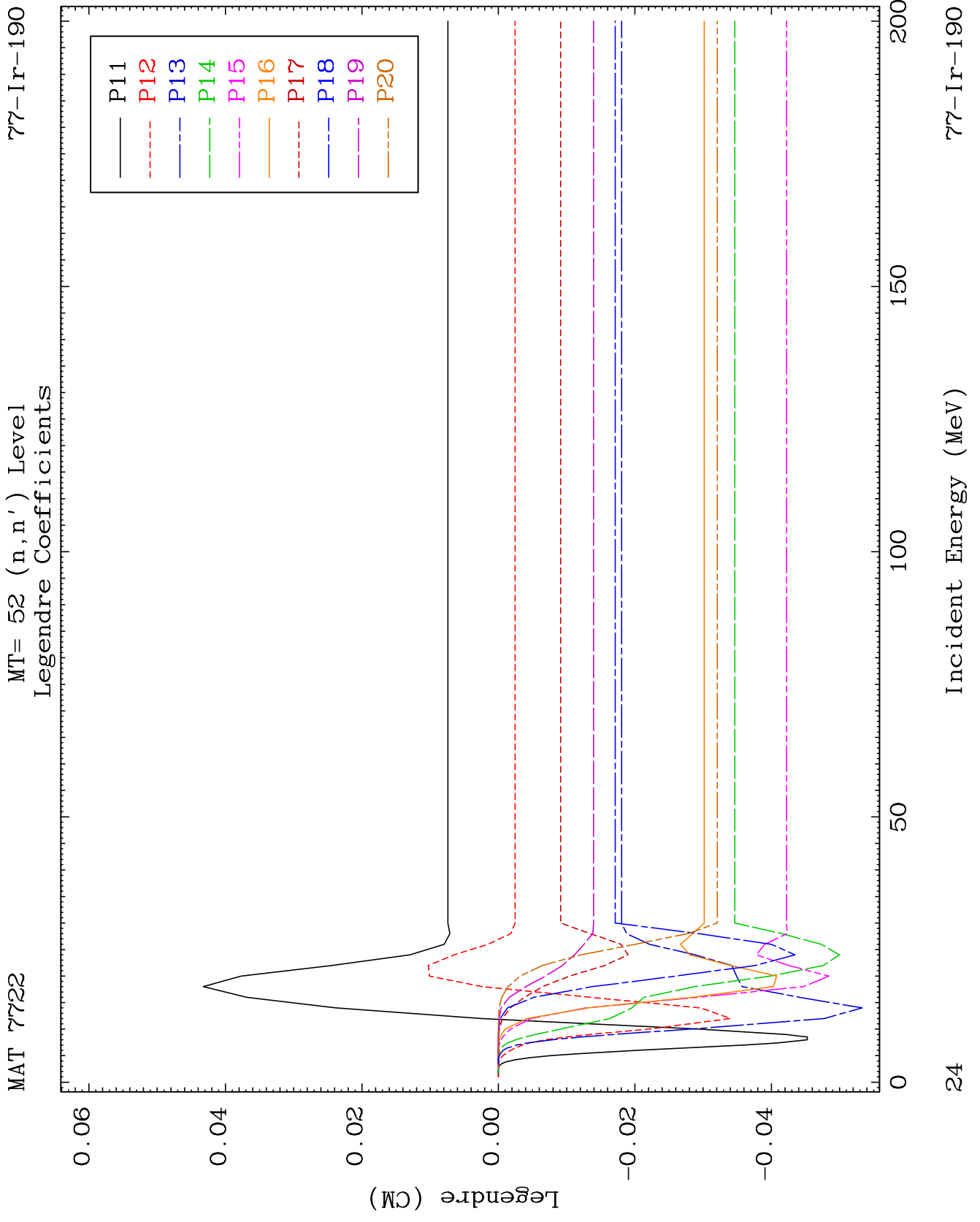


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Incident Energy (MeV)

77-Ir-190

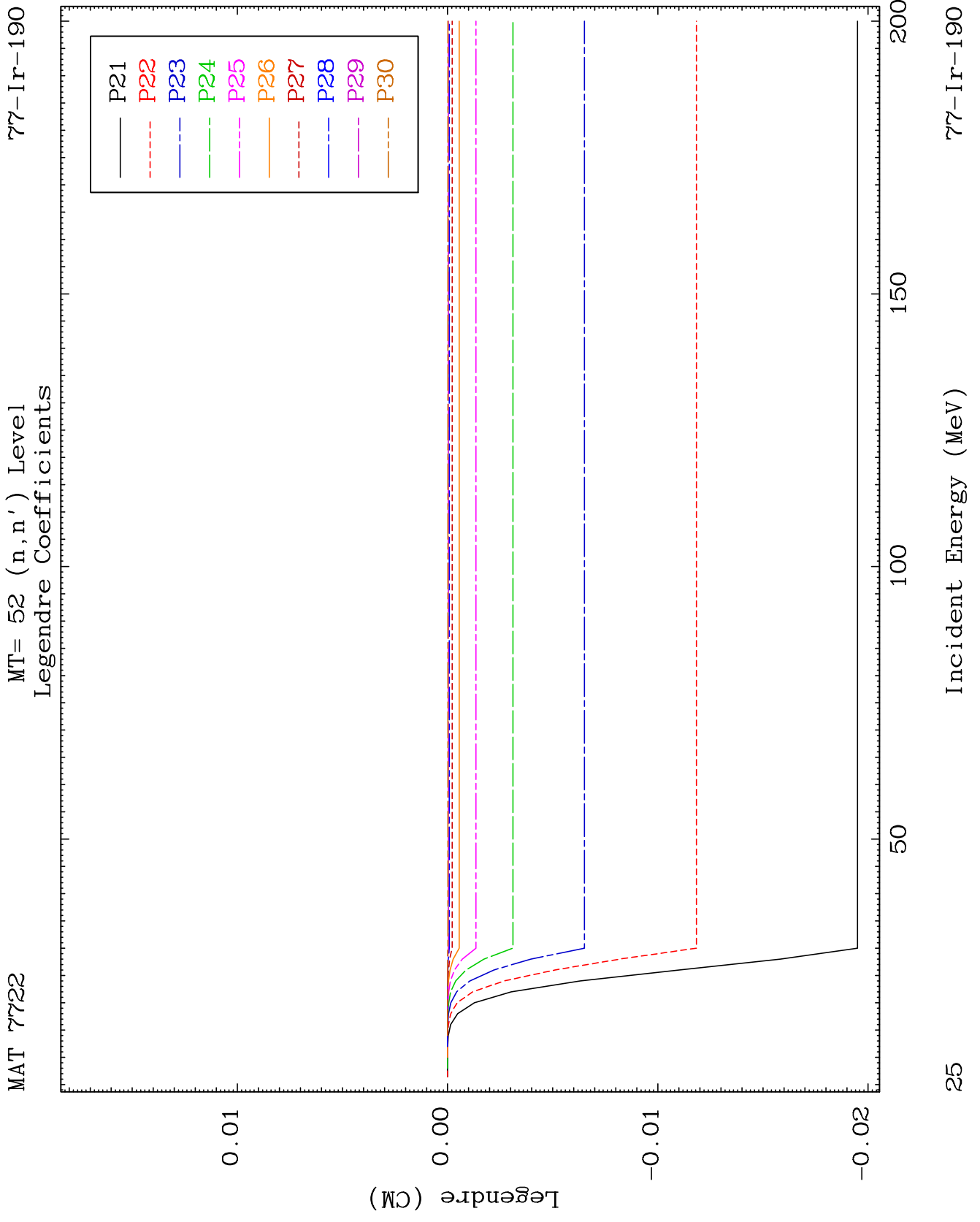




77-Ir-190

Incident Energy (MeV)

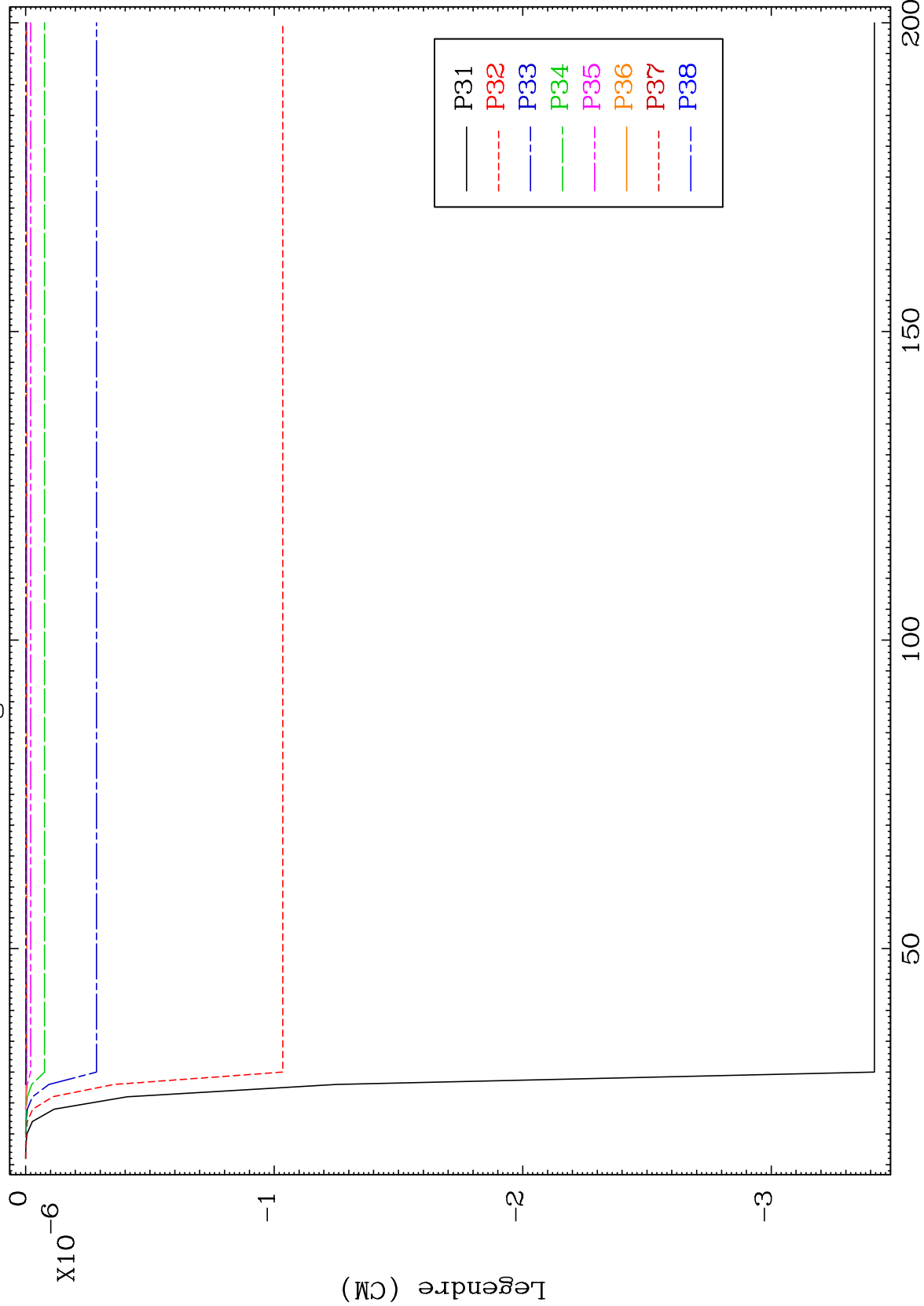
24



MAT 7722

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

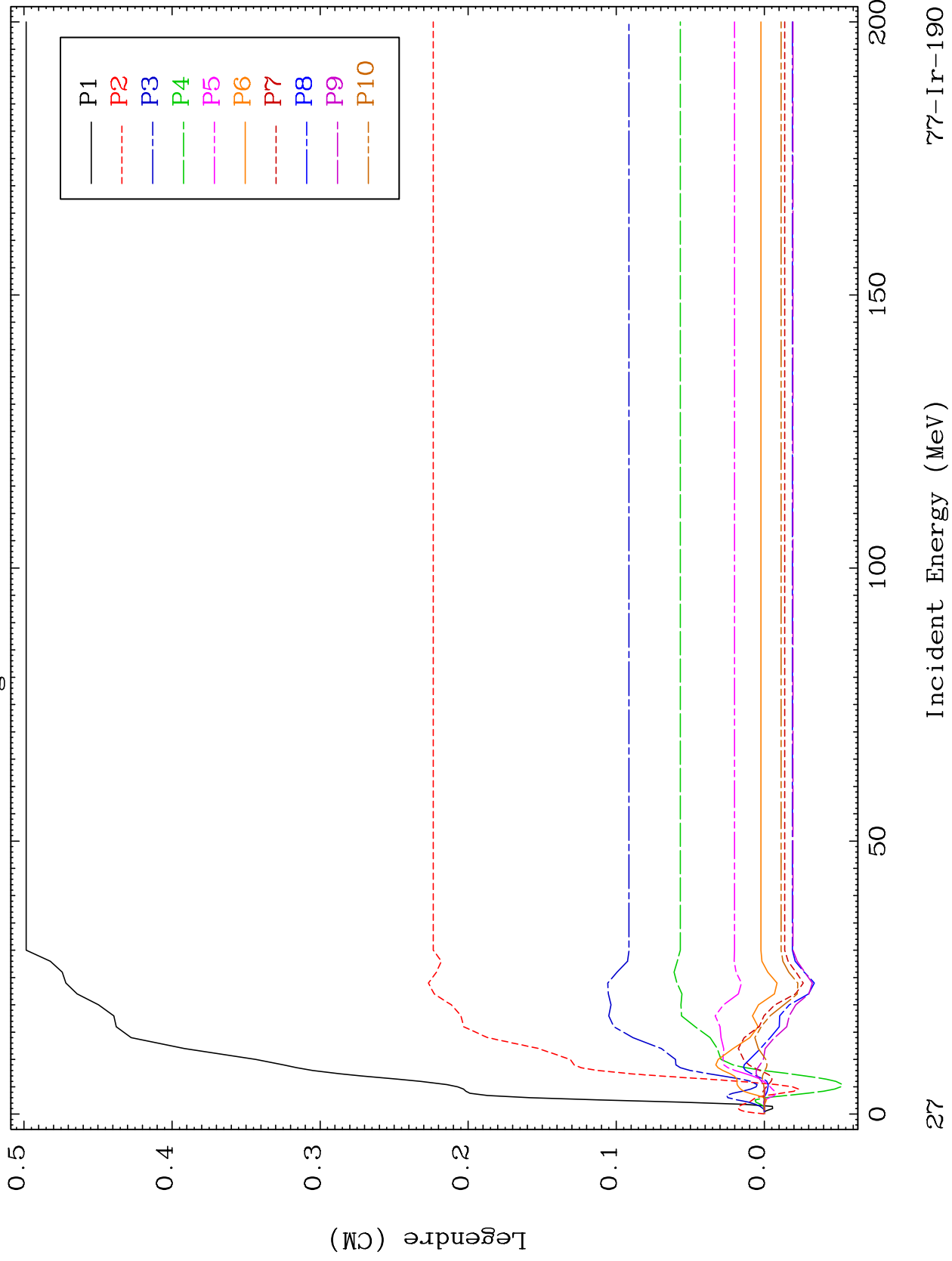
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

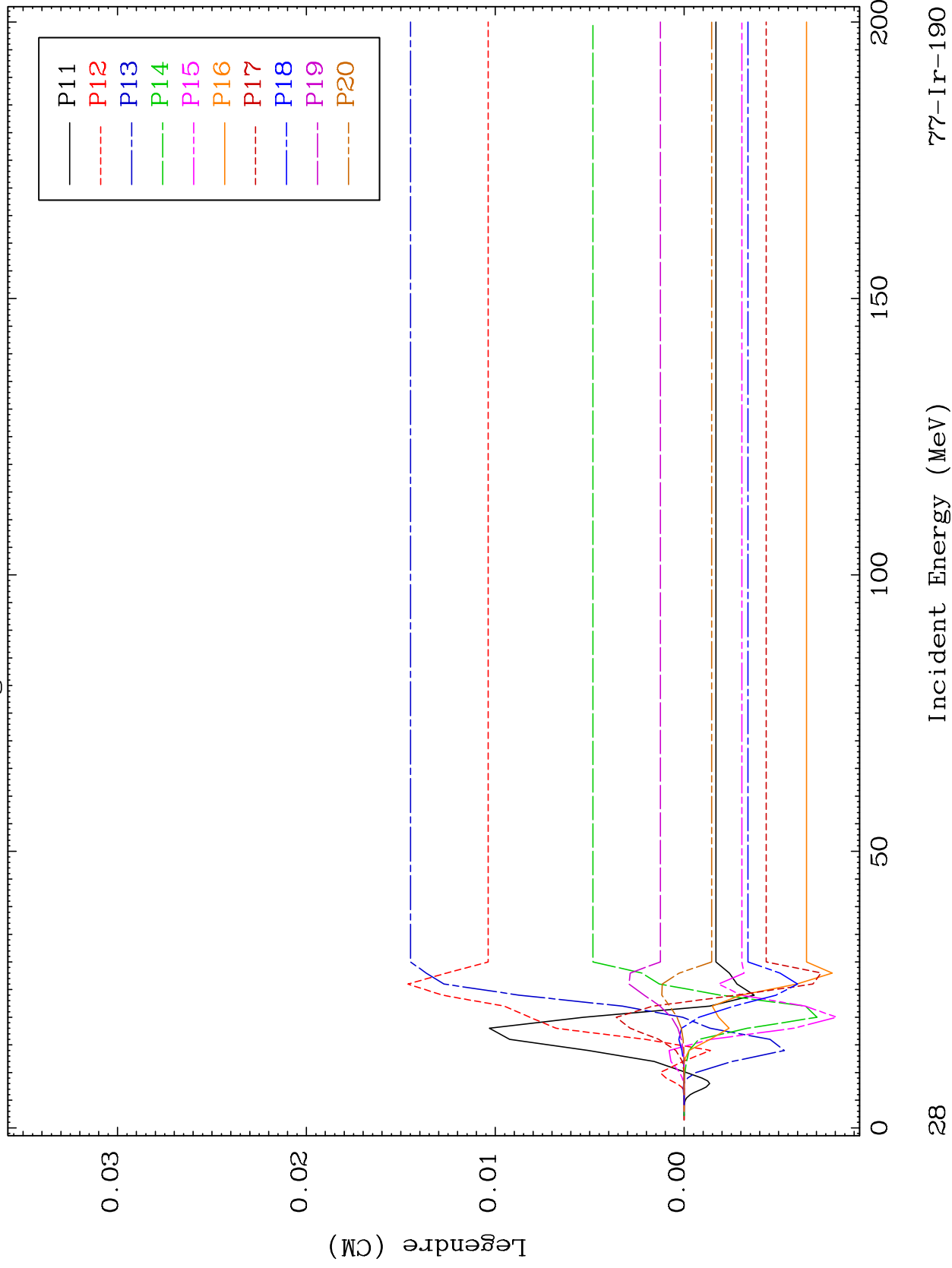
Incident Energy (MeV)

27

MAT 7722

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

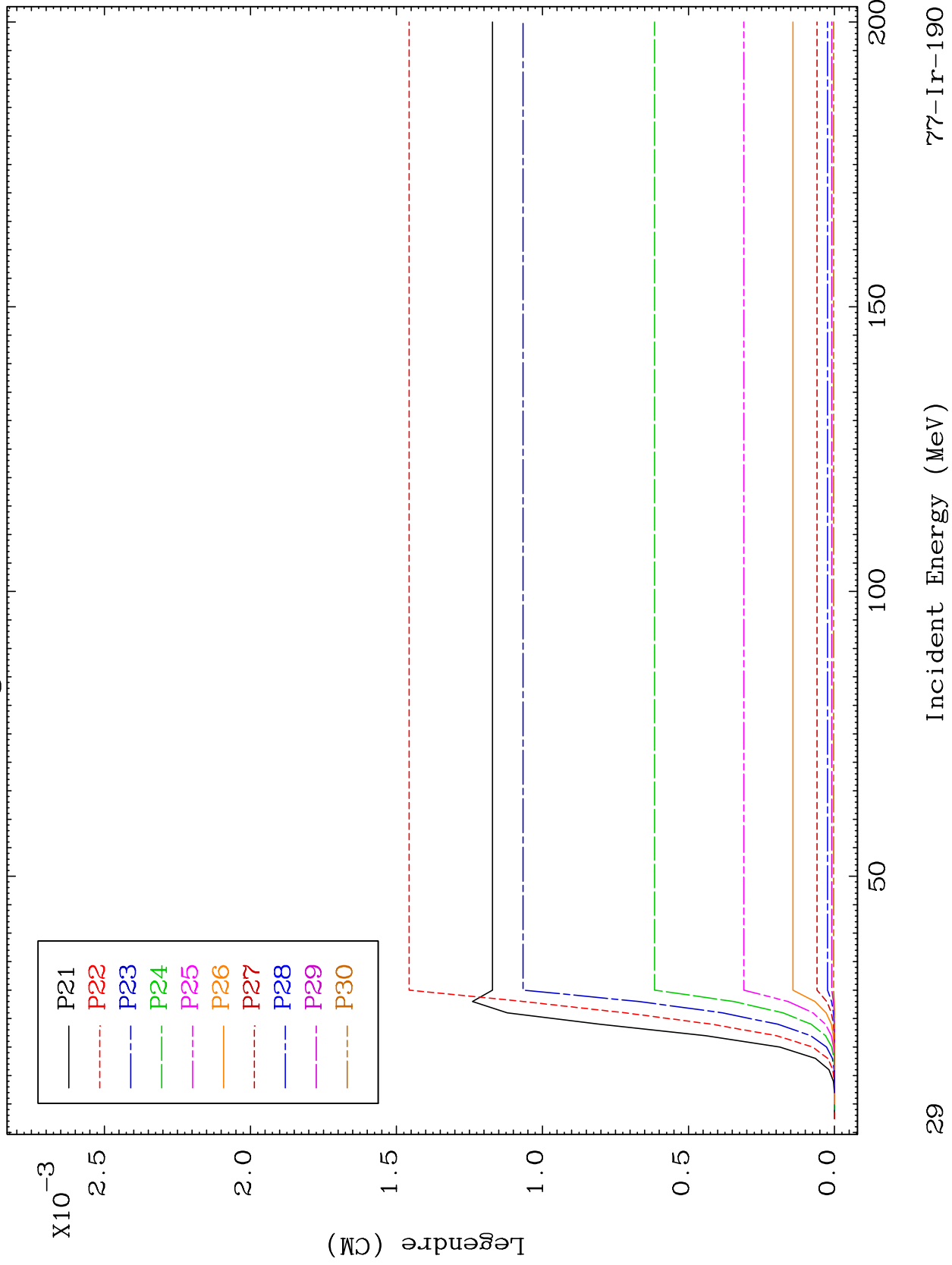
77-Ir-190



77-Ir-190

Incident Energy (MeV)

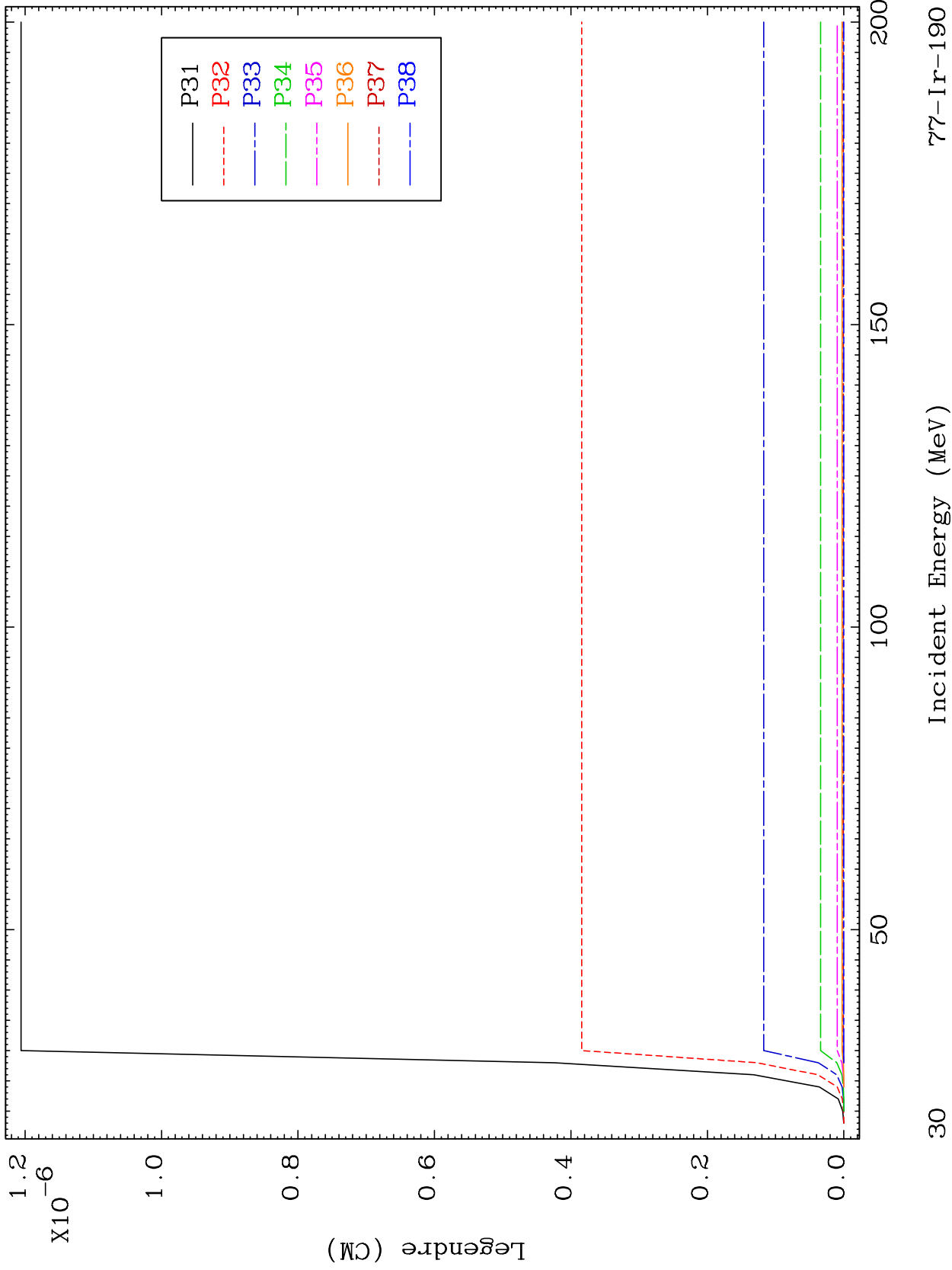
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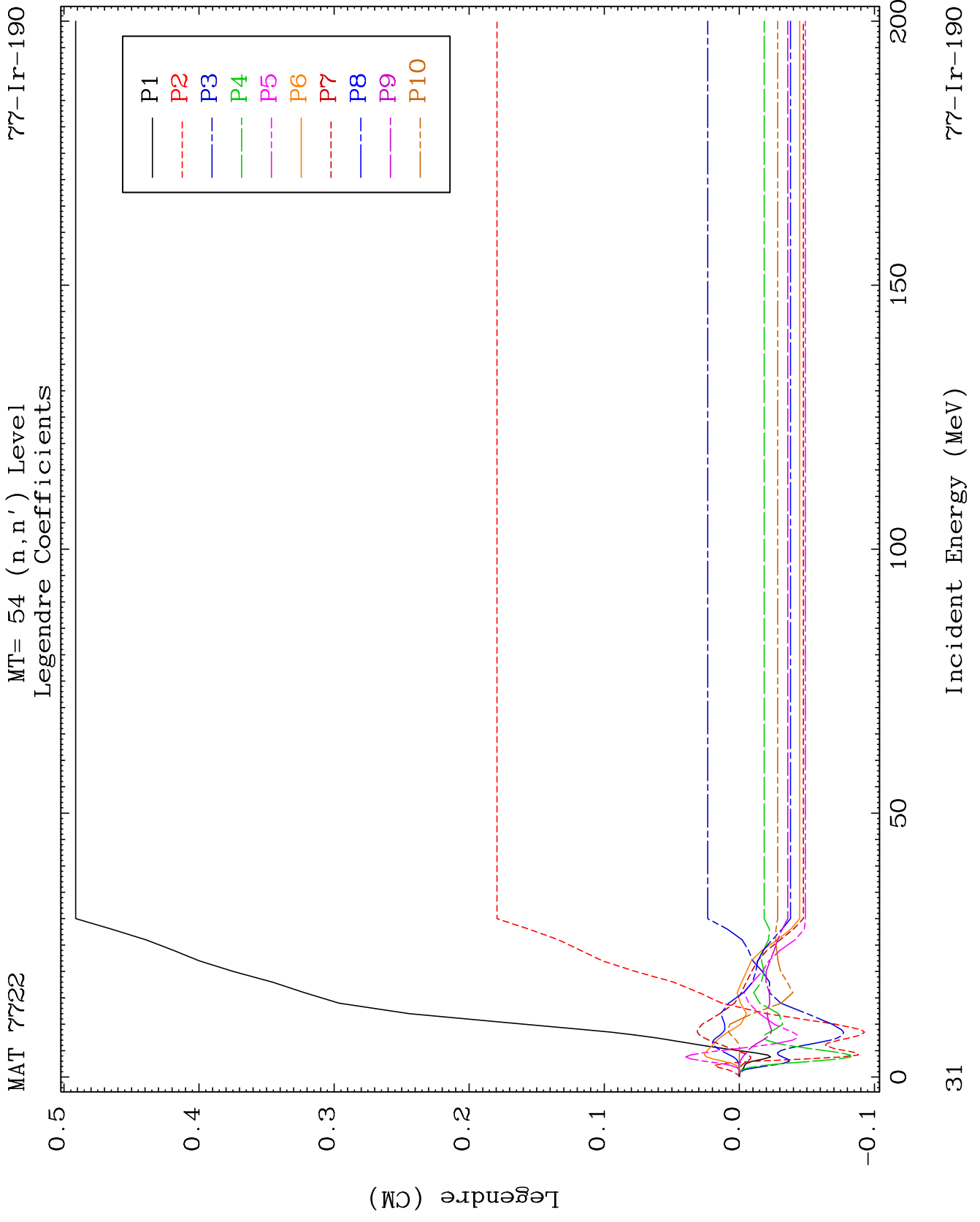


MAT 7722

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

77-Ir-190



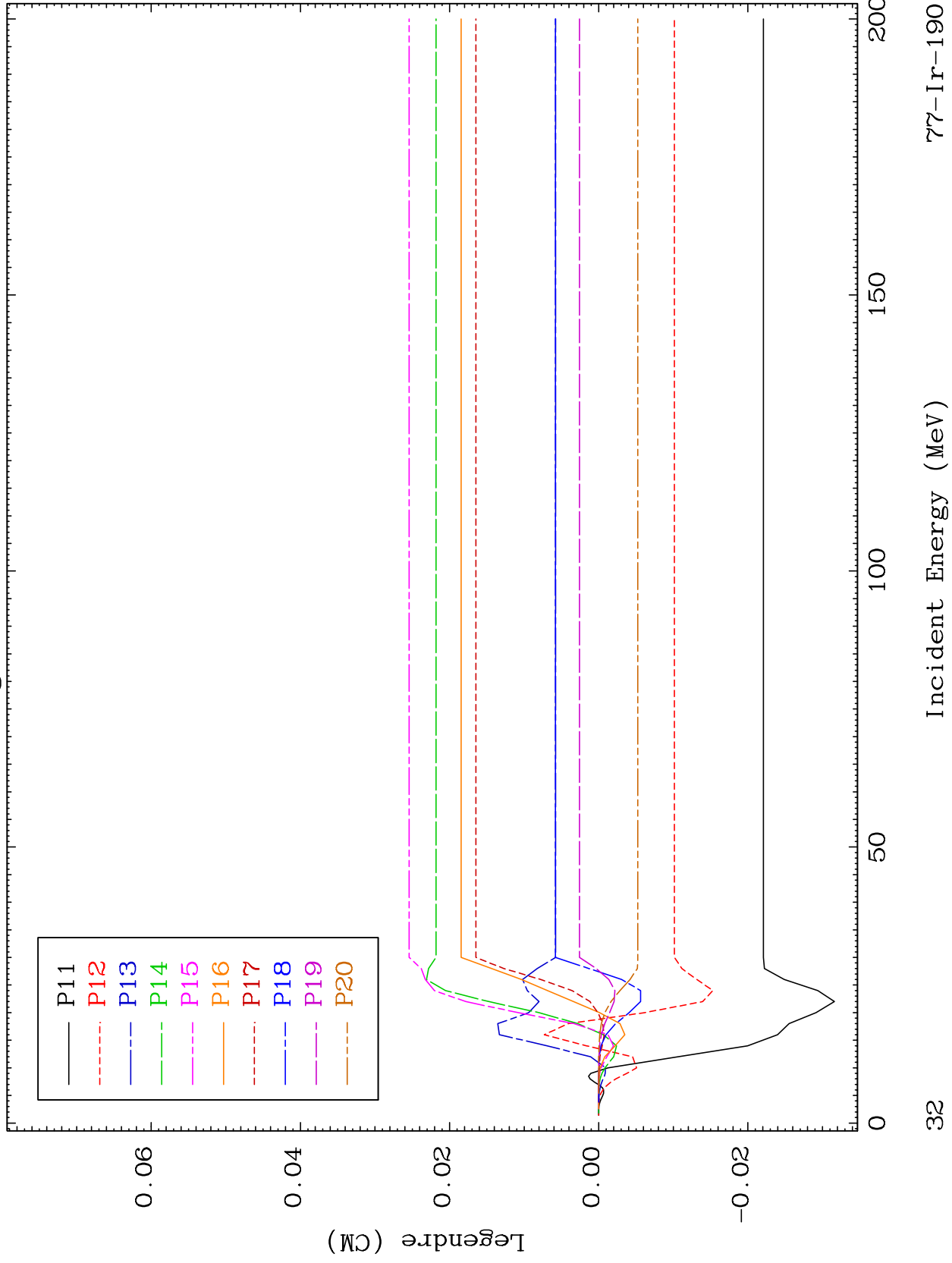




MAT 7722

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

77-Ir-190



77-Ir-190

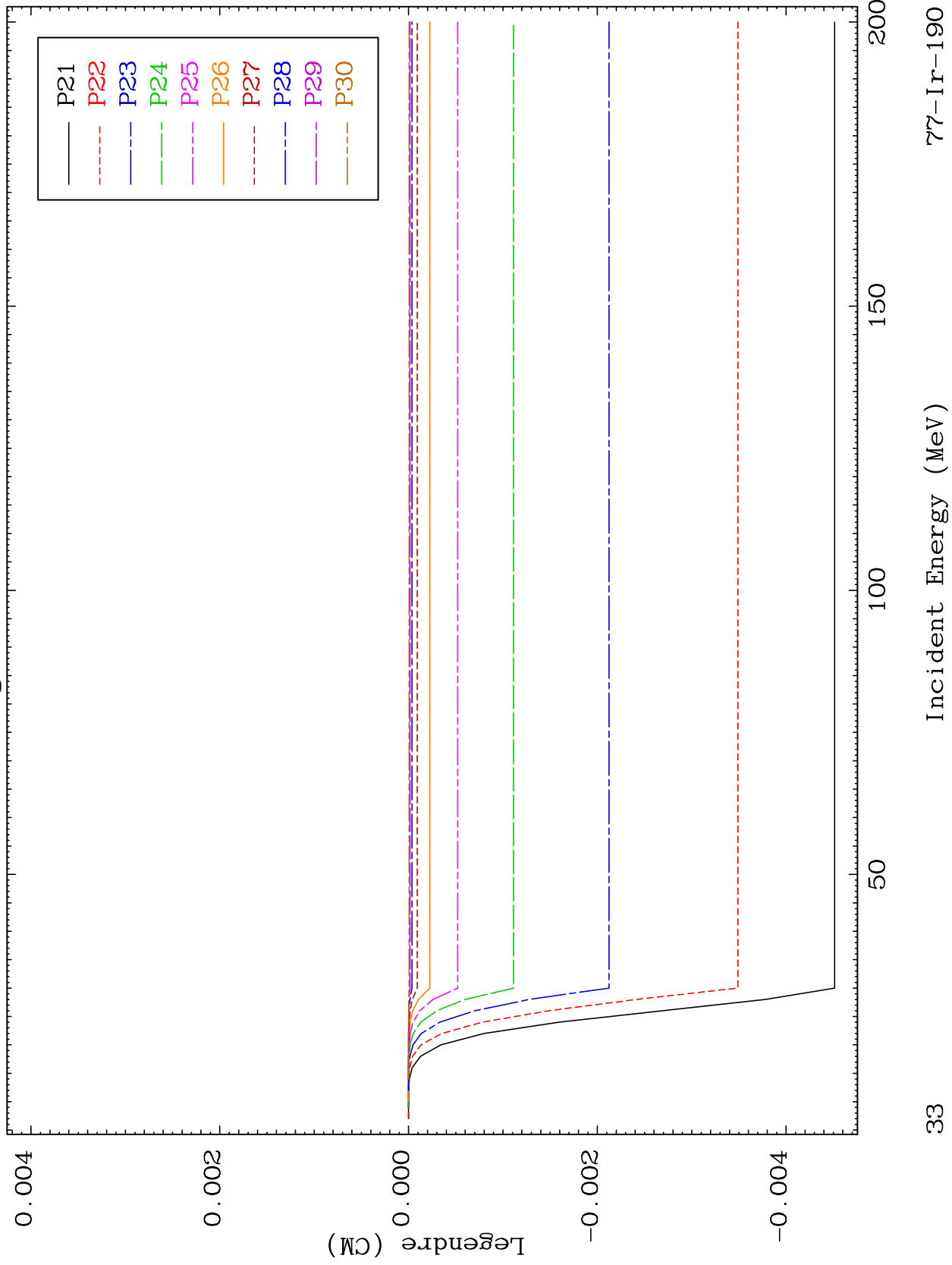
Incident Energy (MeV)

32

MAT 7722

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

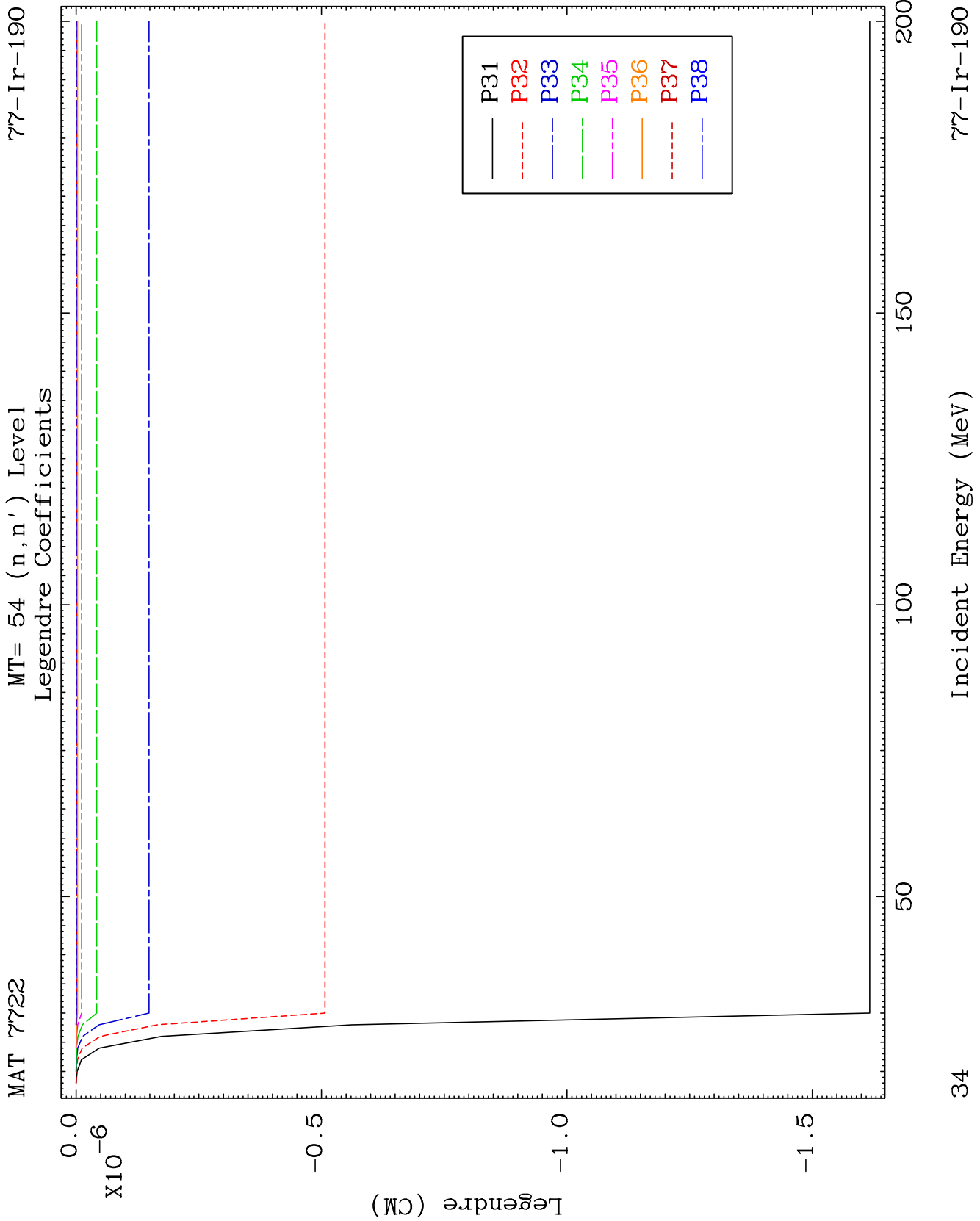
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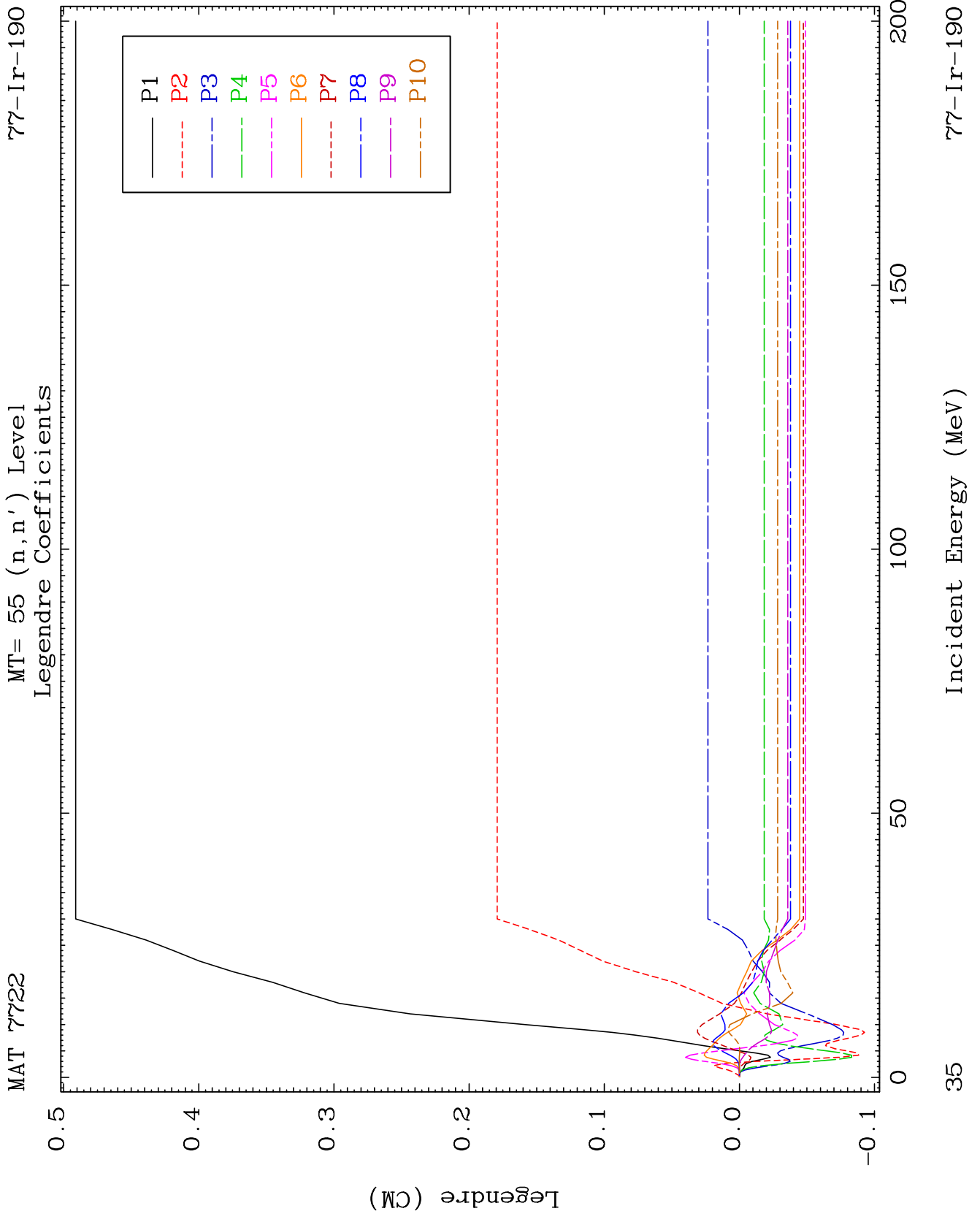


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Incident Energy (MeV)

77-Ir-190

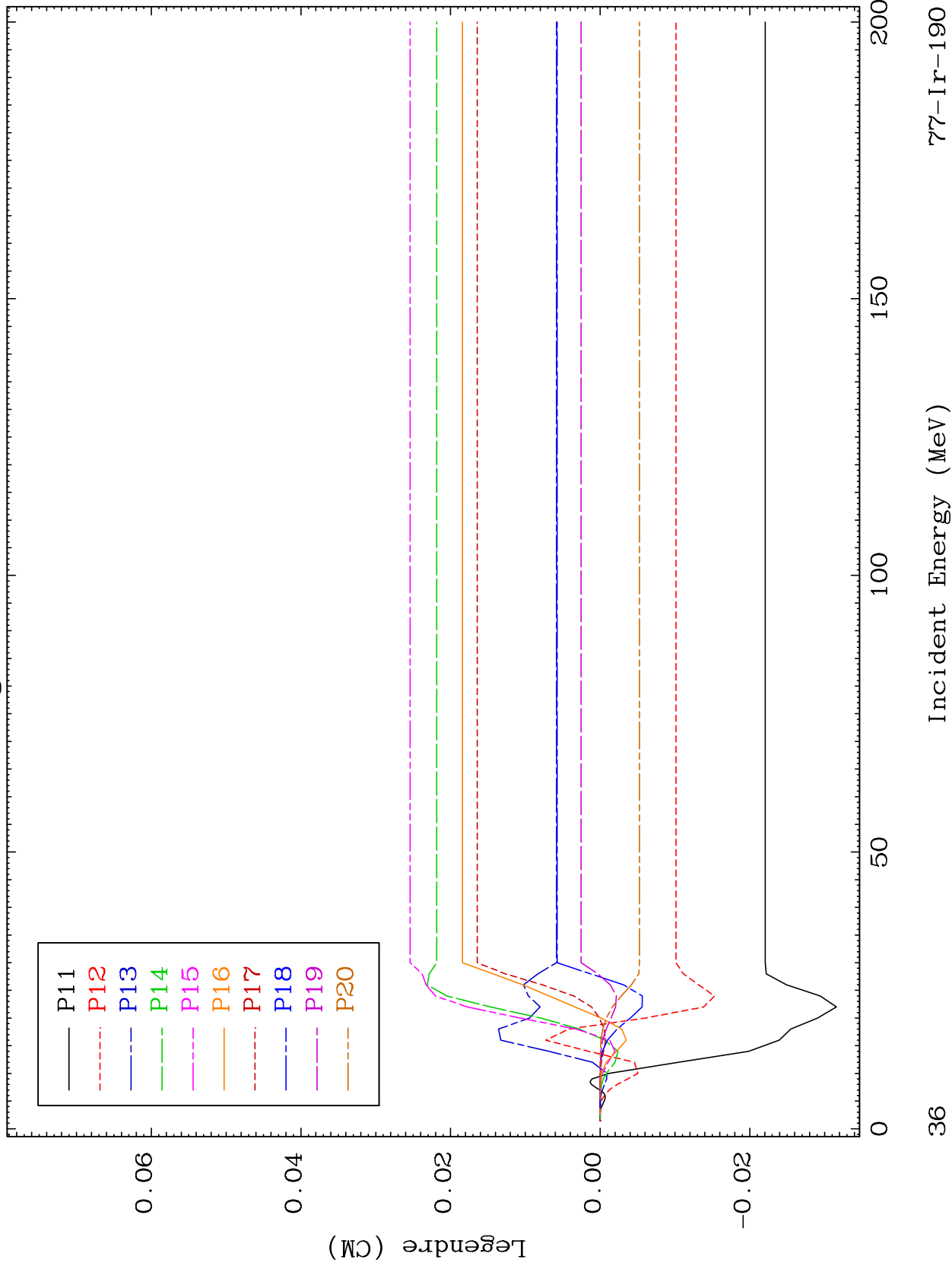




MAT 7722

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

77-Ir-190



77-Ir-190

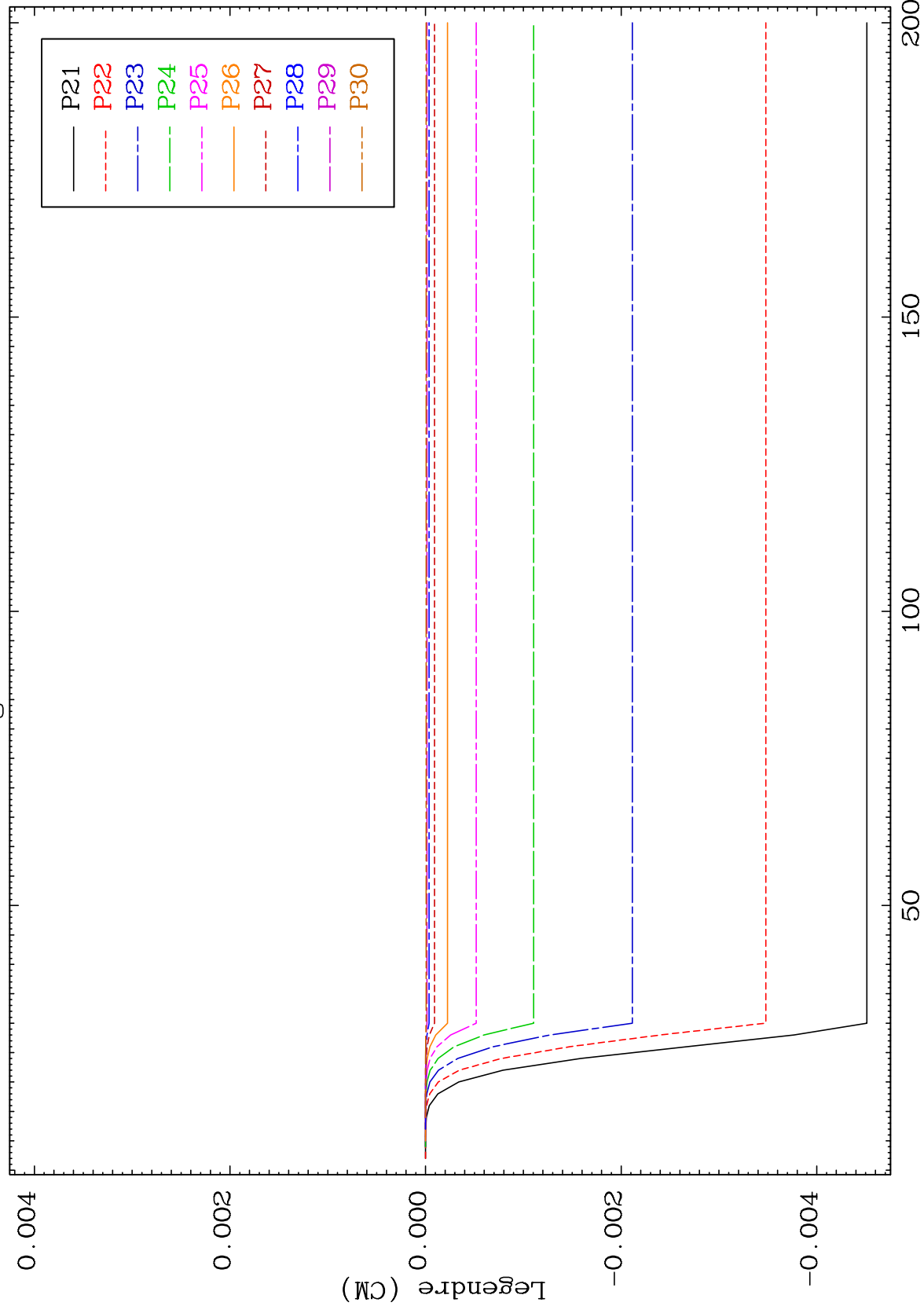
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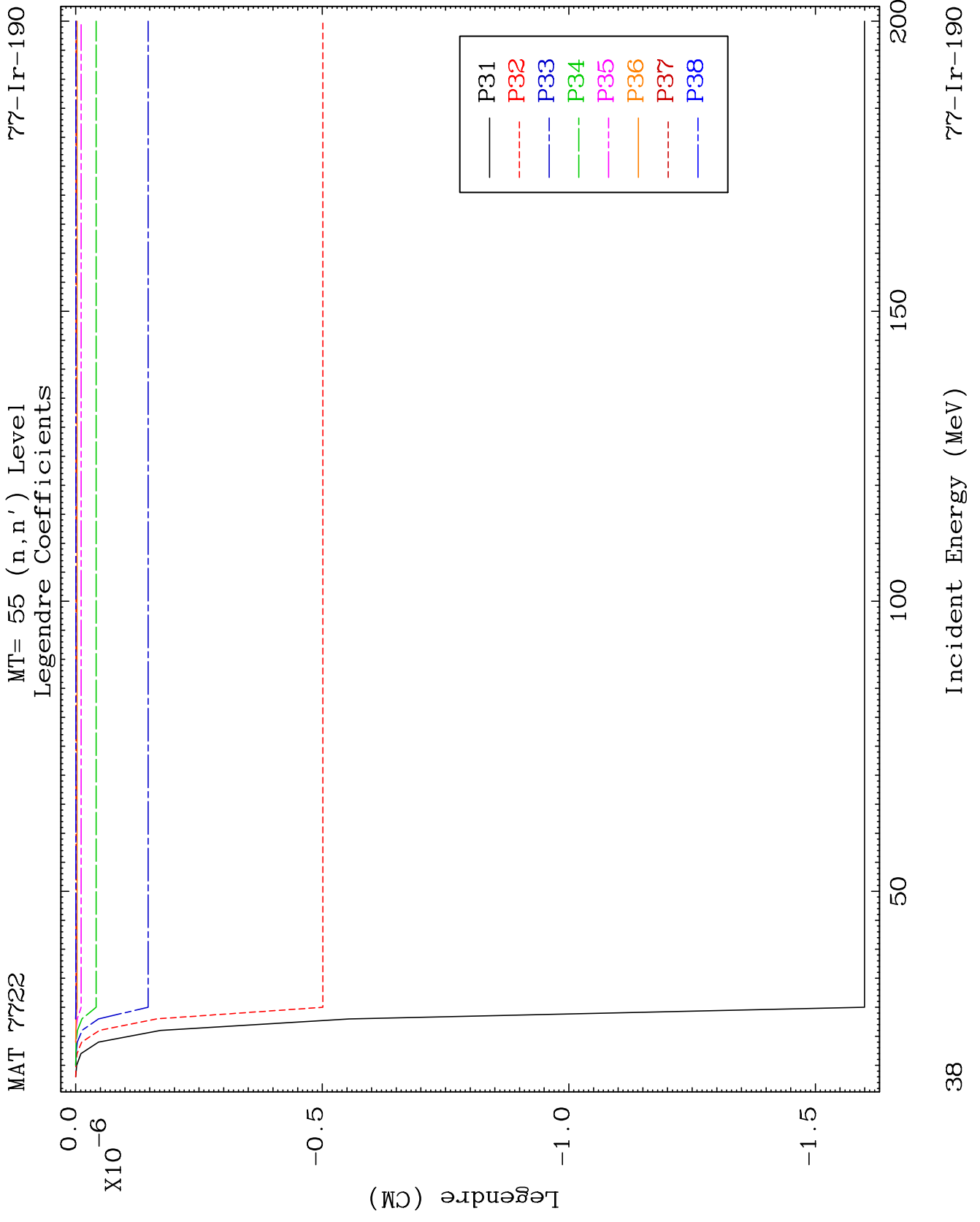
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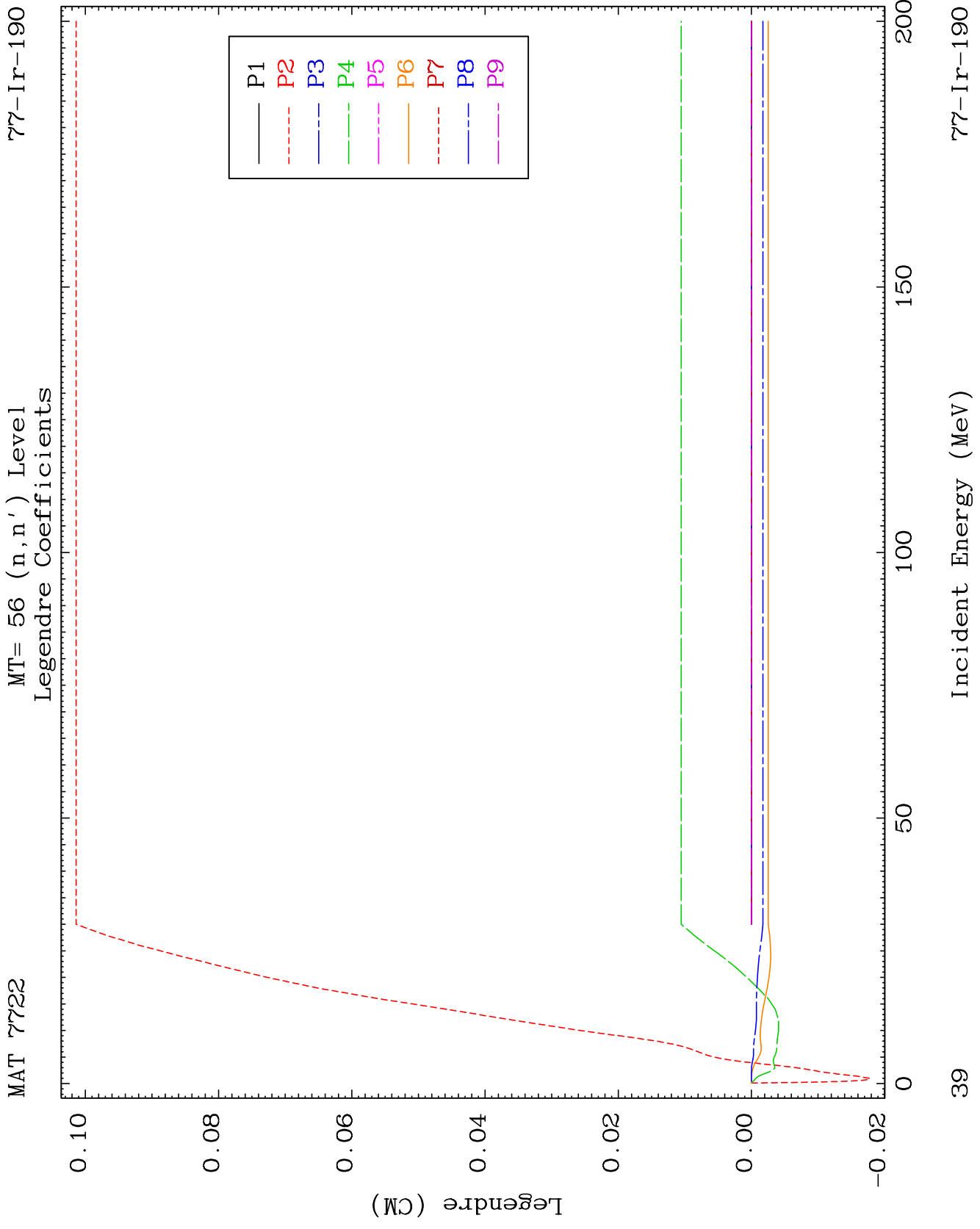
MAT 7722

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

77-Ir-190





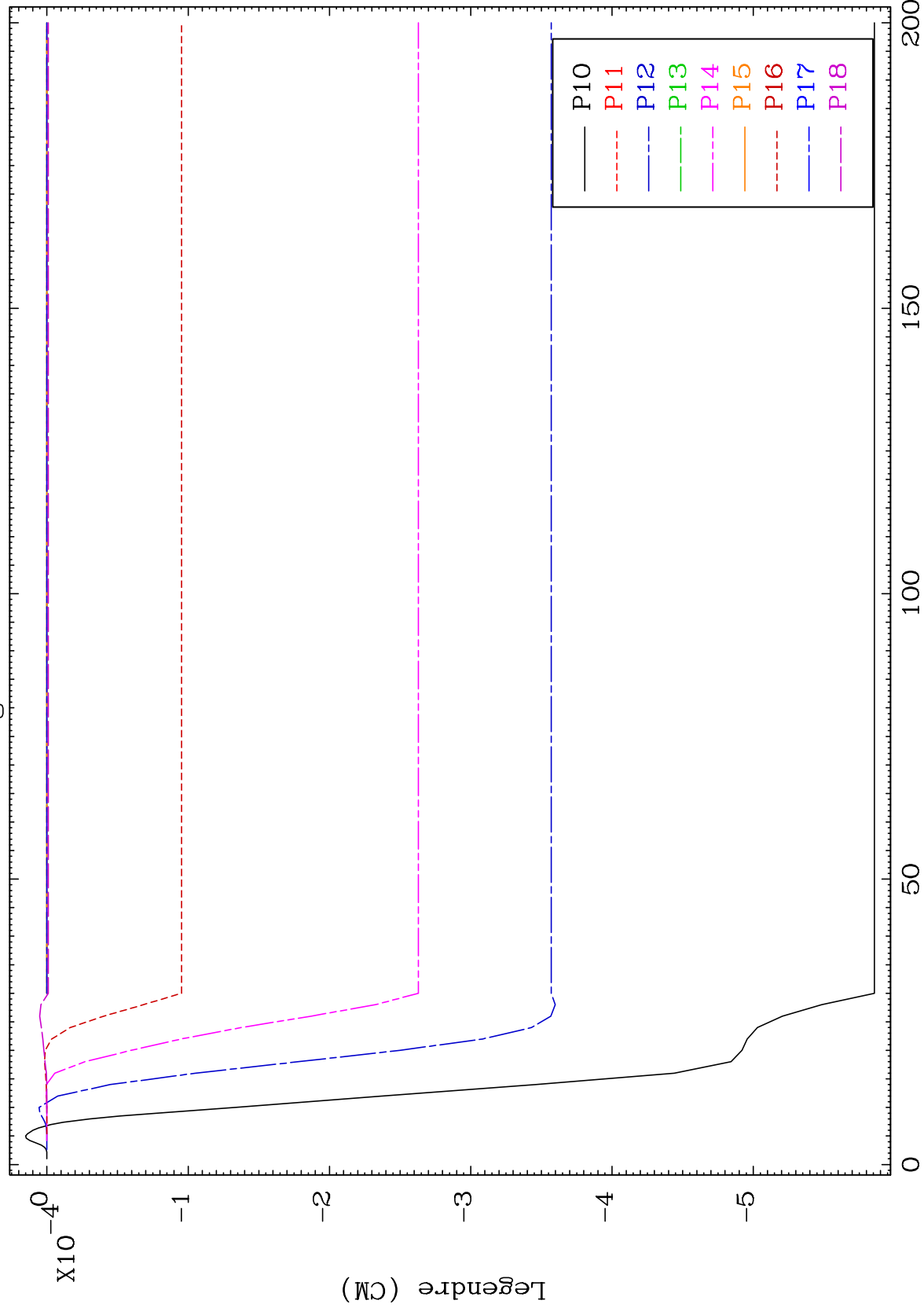




MAT 7722

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

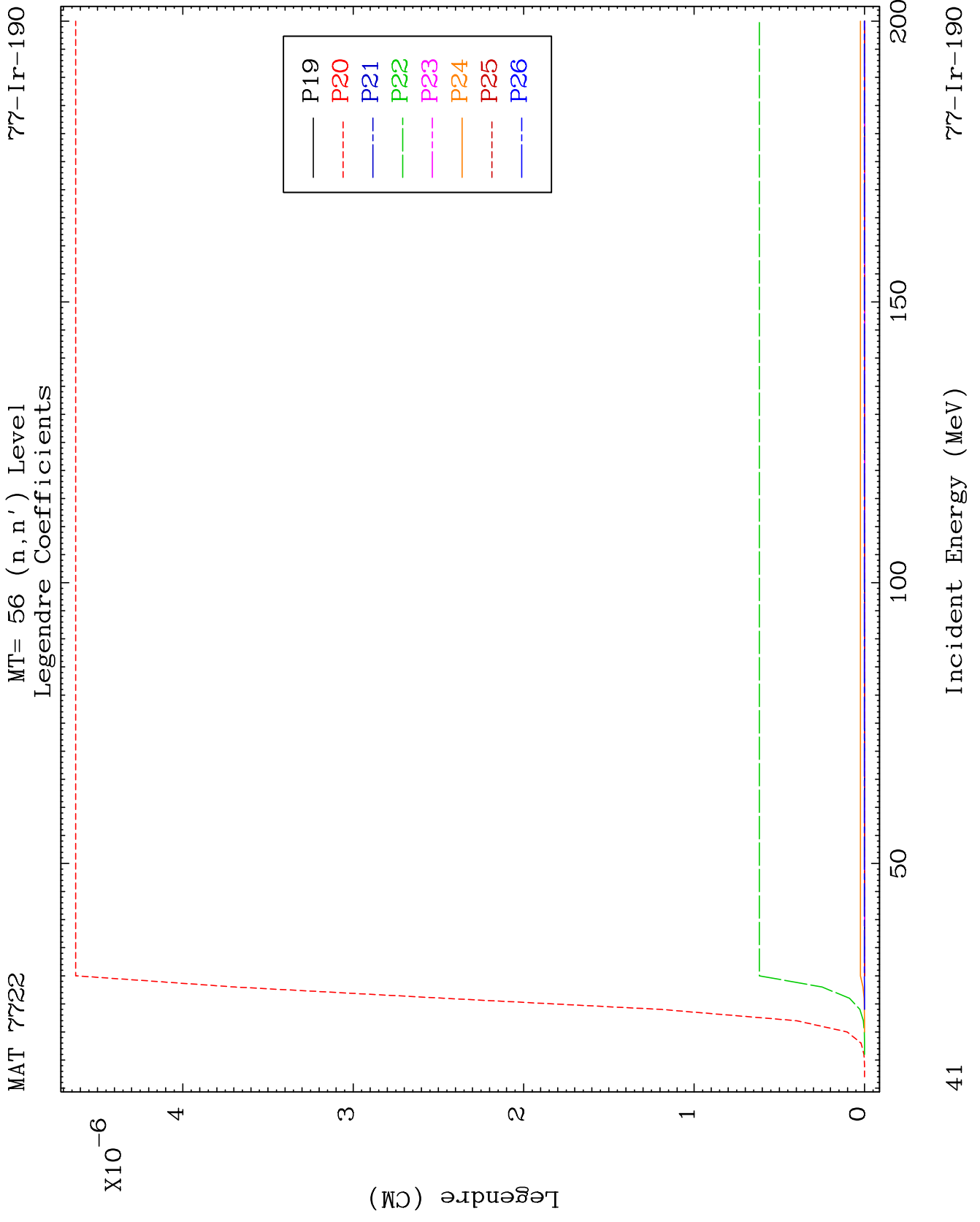
77-Ir-190



77-Ir-190

Incident Energy (MeV)

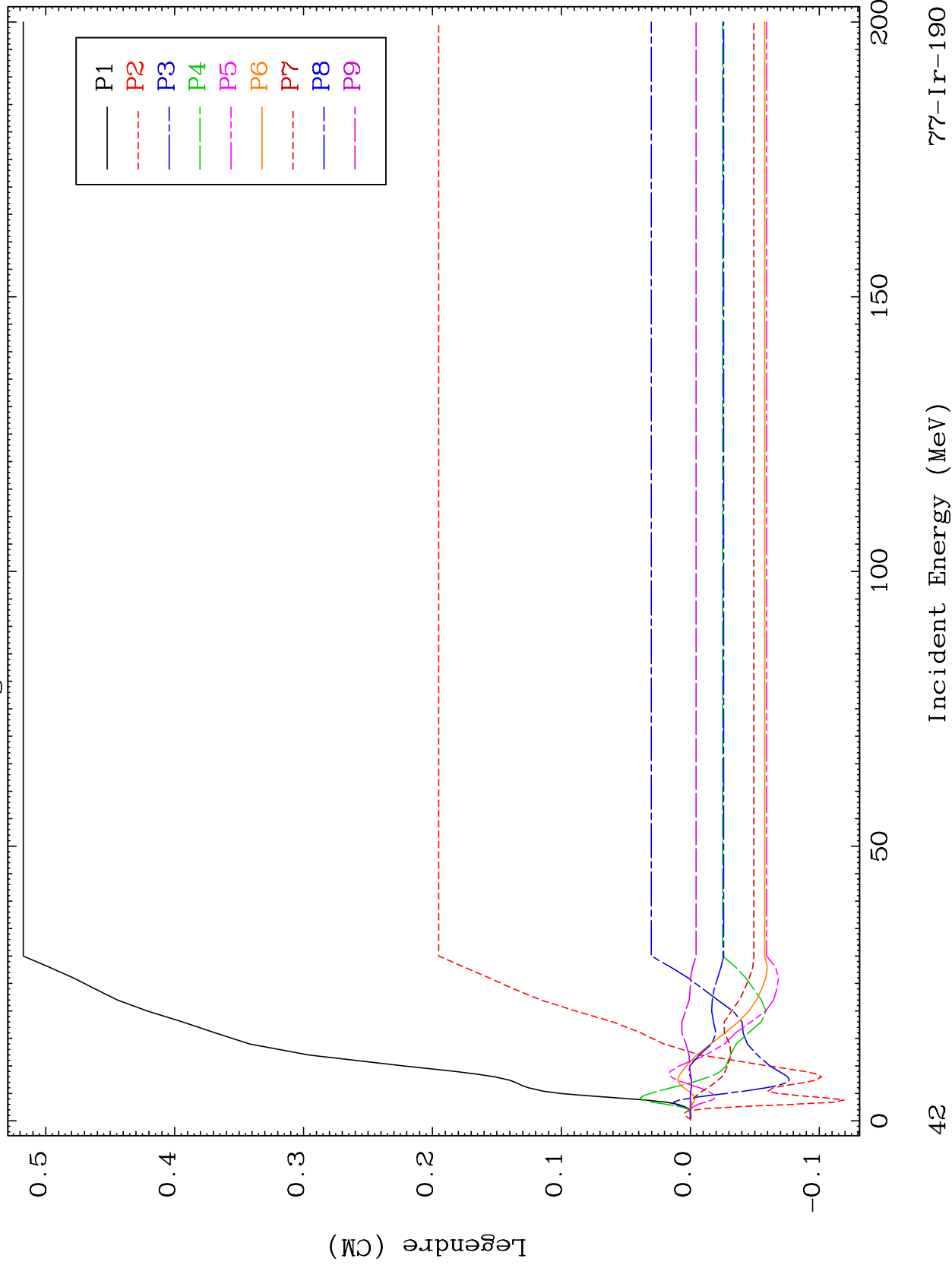
40



MAT 7722

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

77-Ir-190



77-Ir-190

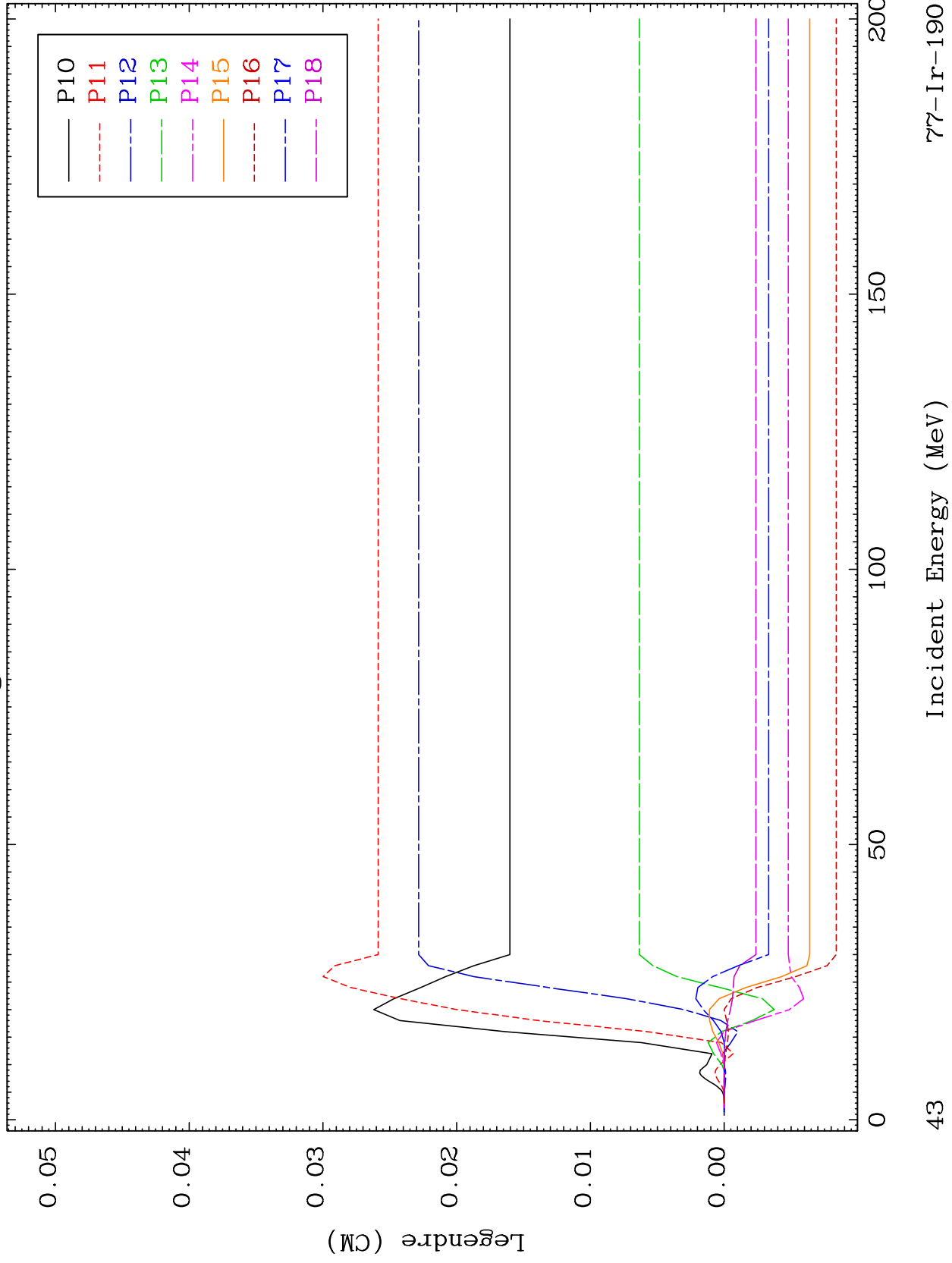
Incident Energy (MeV)

42

MAT 7722

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

77-Ir-190



43

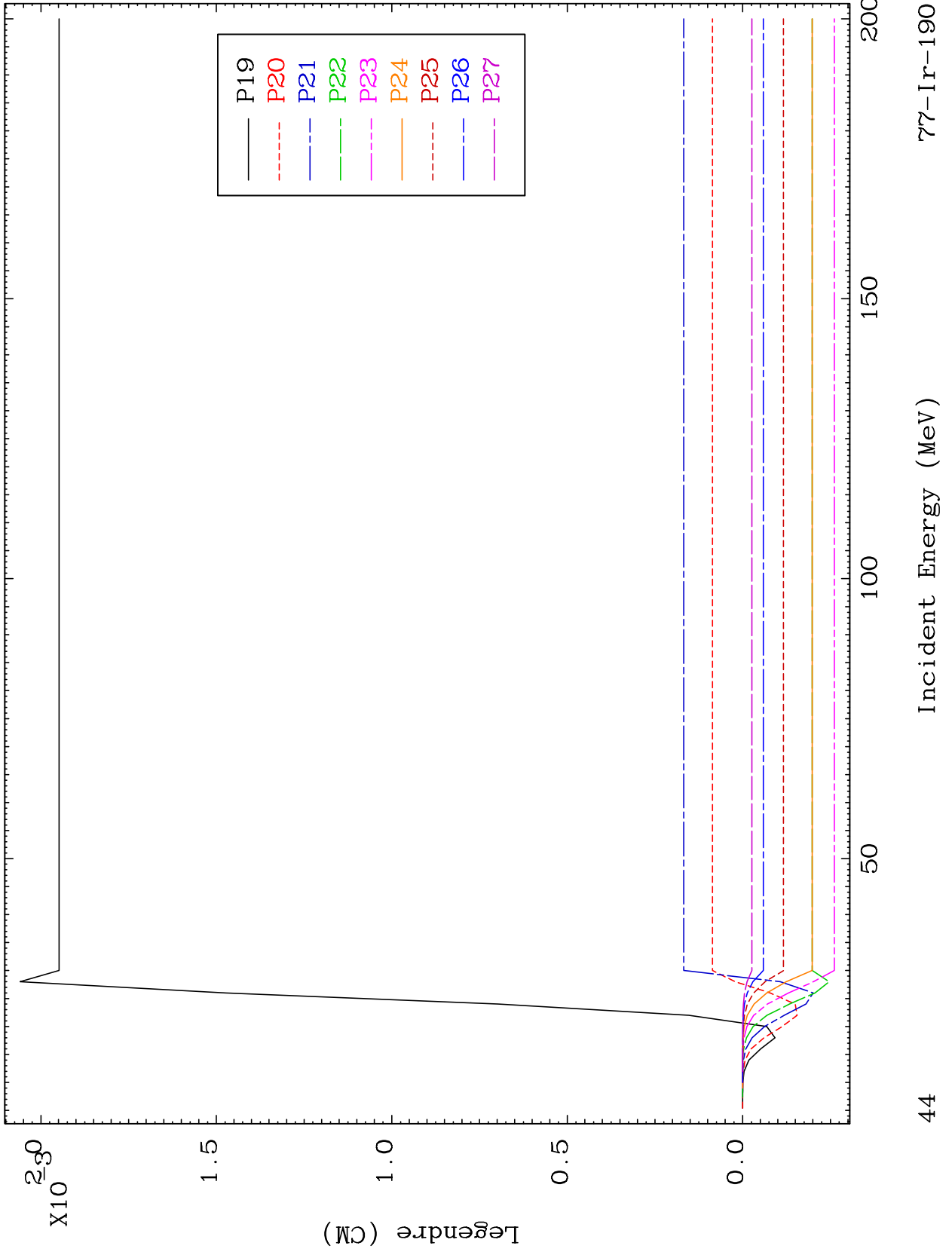
Incident Energy (MeV)

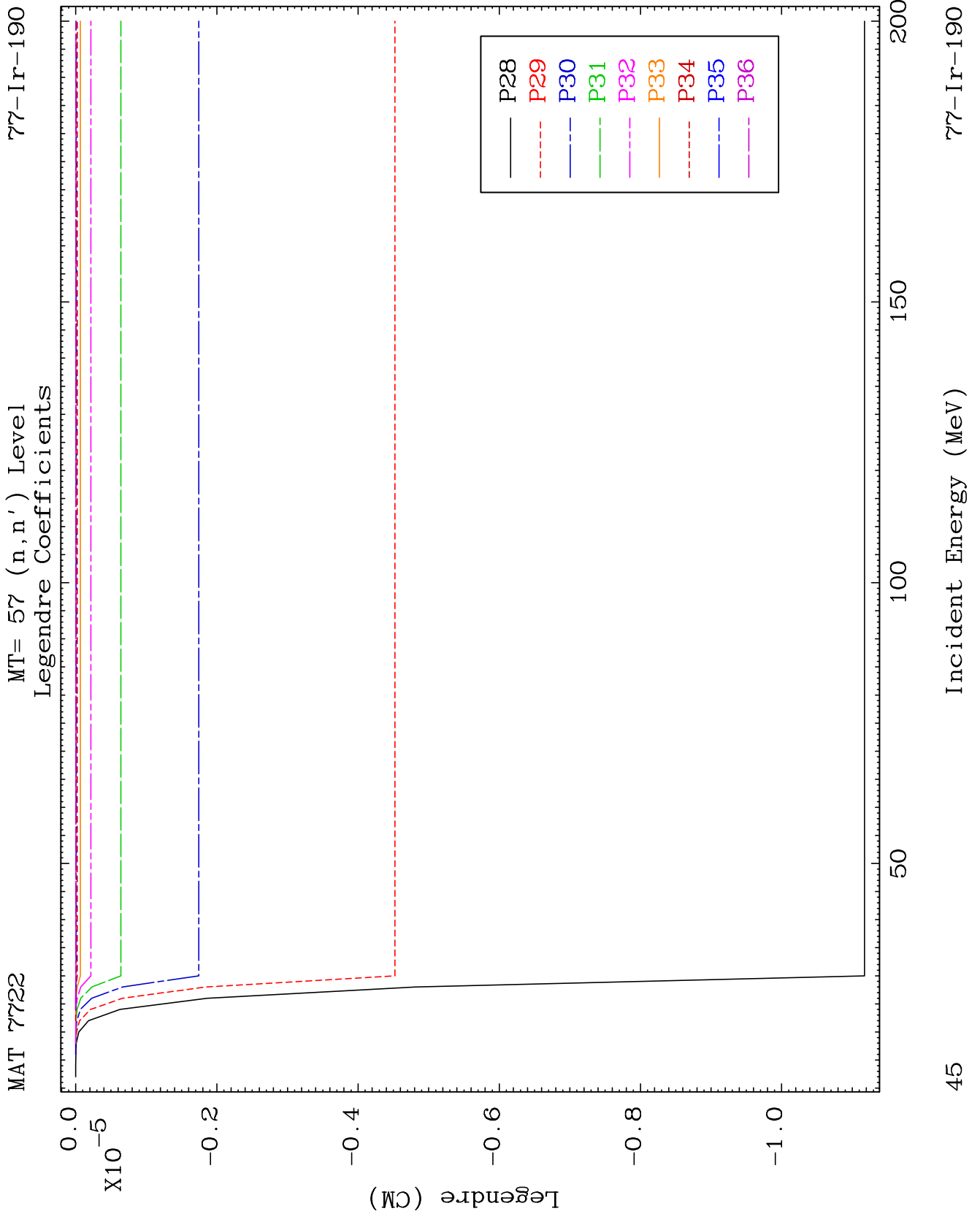
77-Ir-190

MAT 7722

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

77-Ir-190

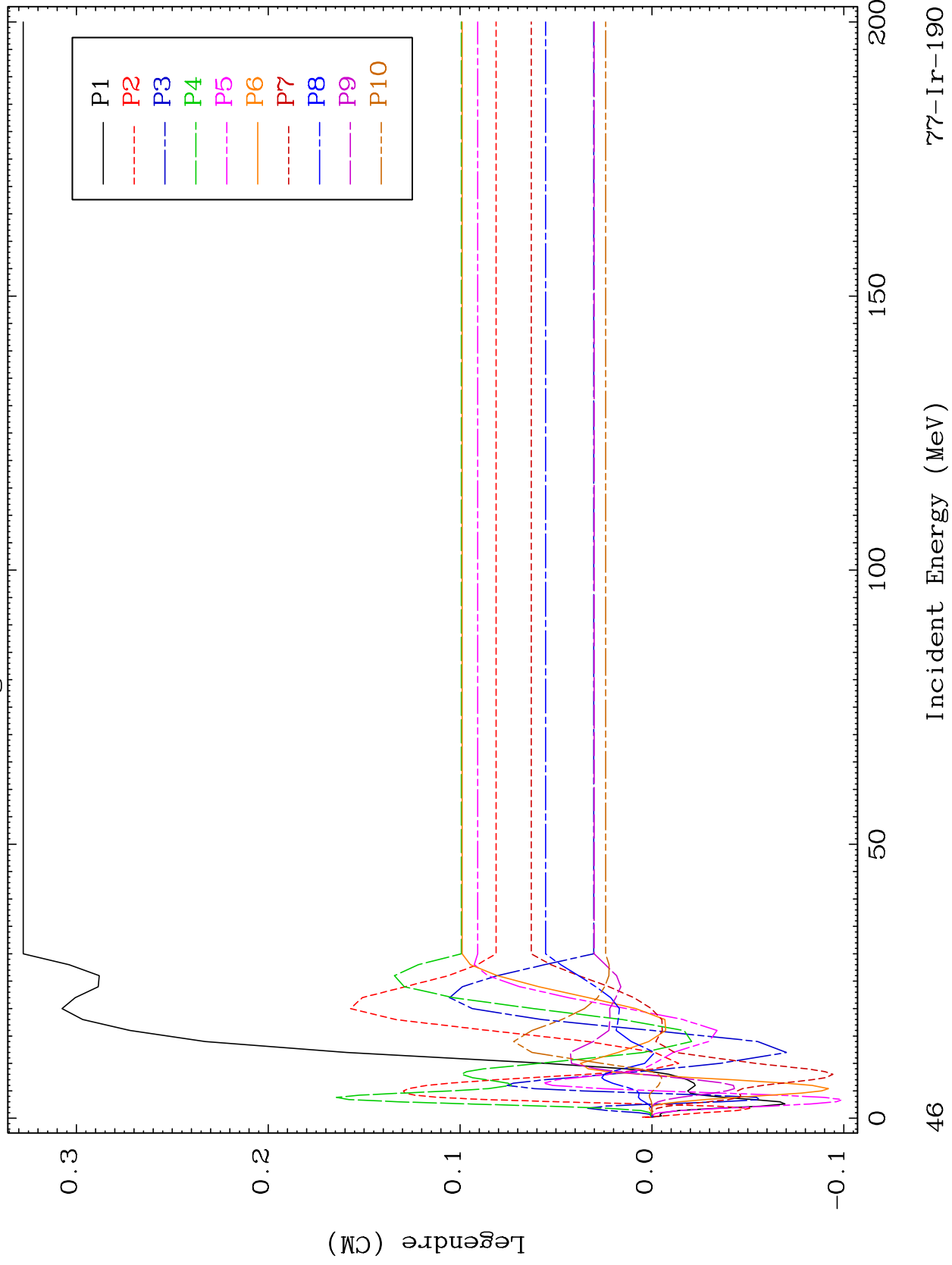




MAT 7722

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

77-Ir-190



77-Ir-190

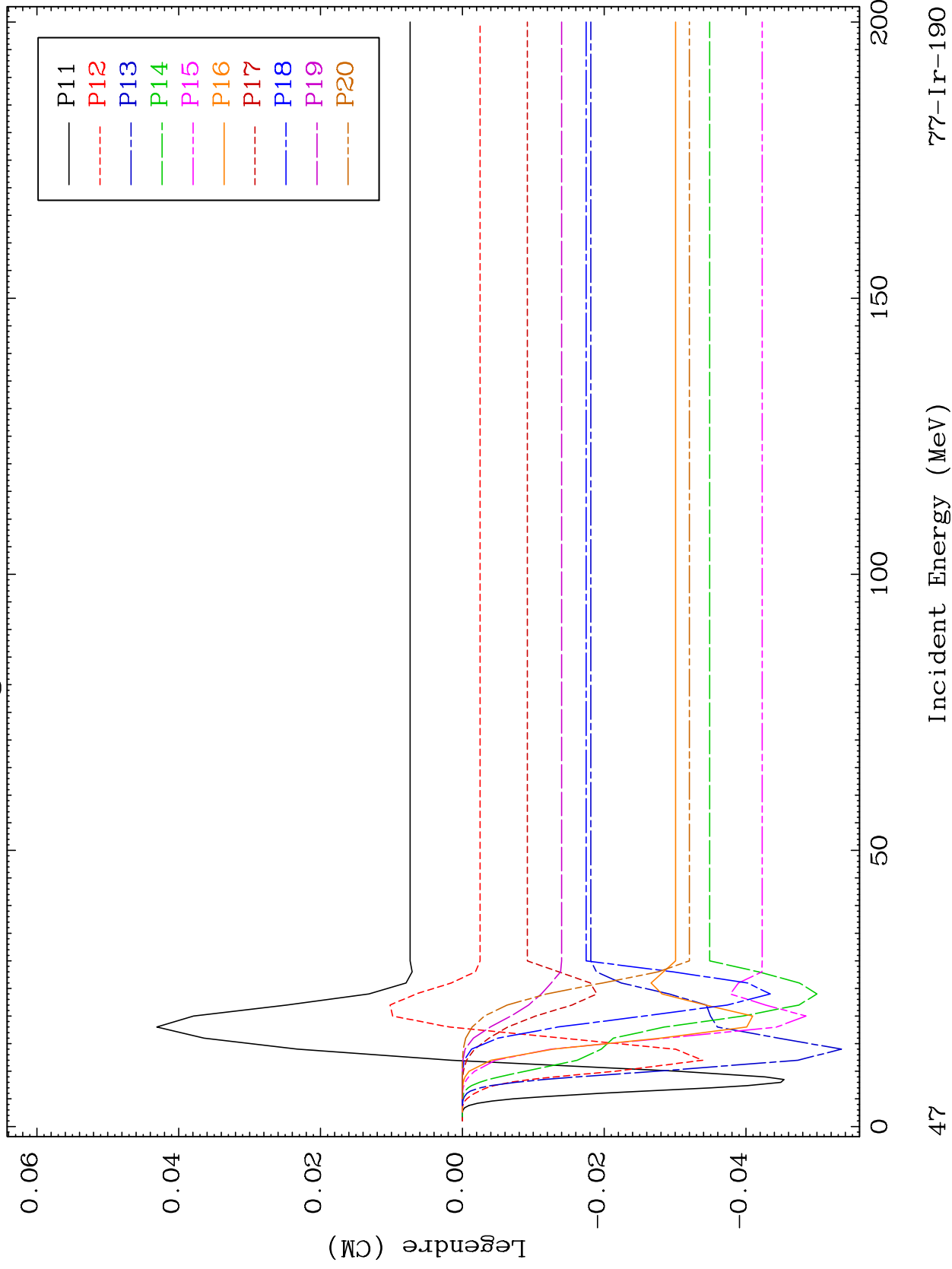
Incident Energy (MeV)

46

MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

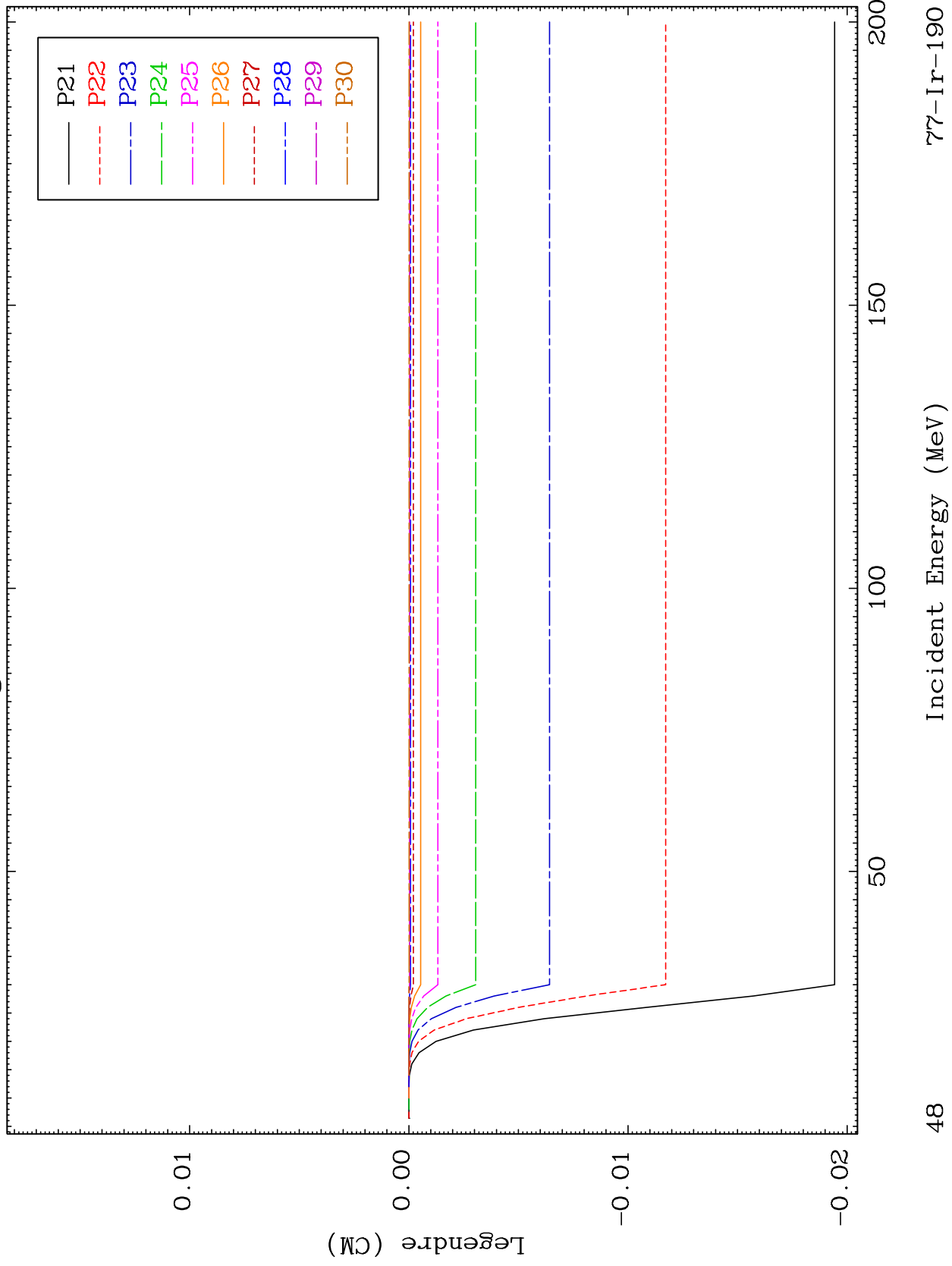
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MAT 7722

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

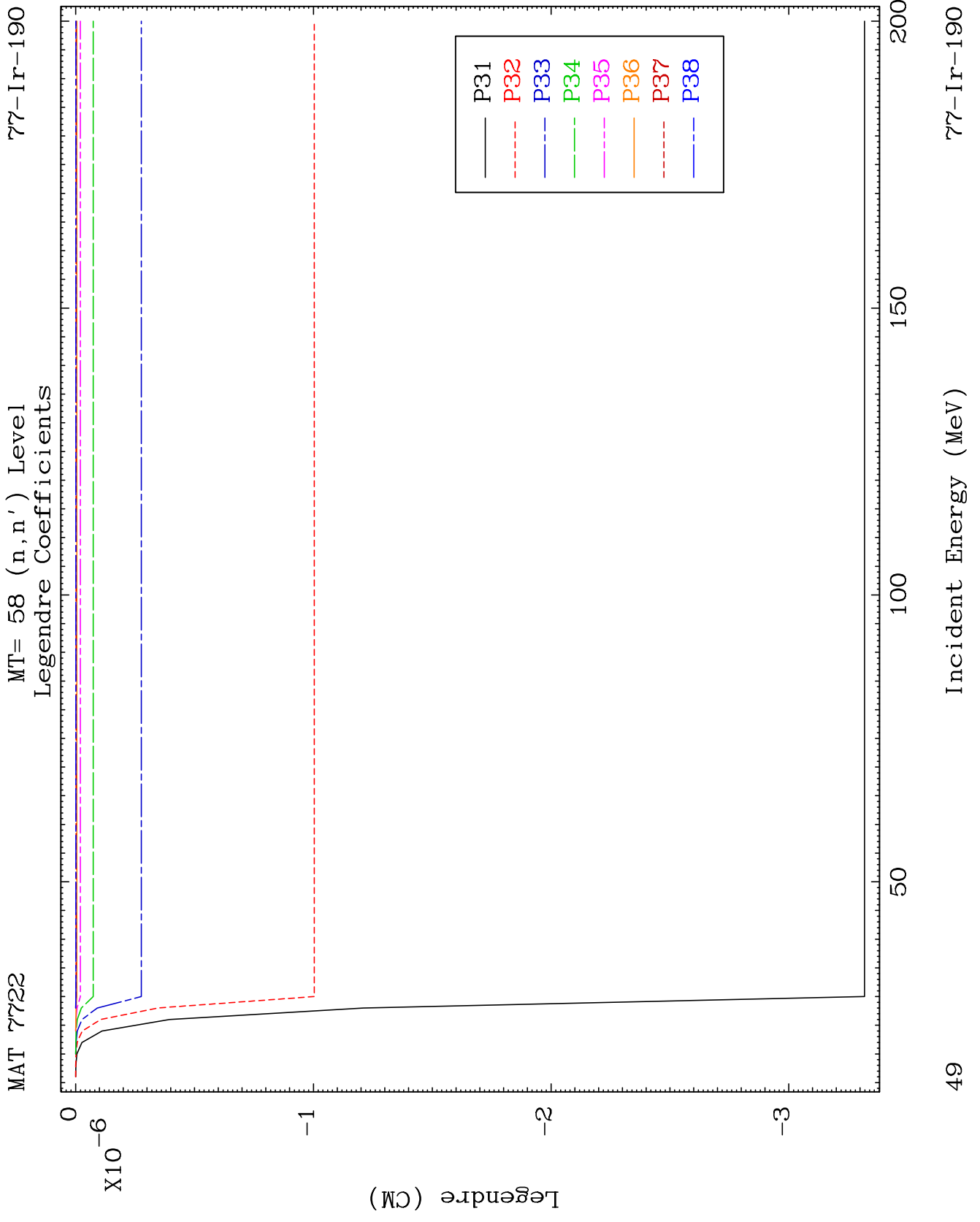
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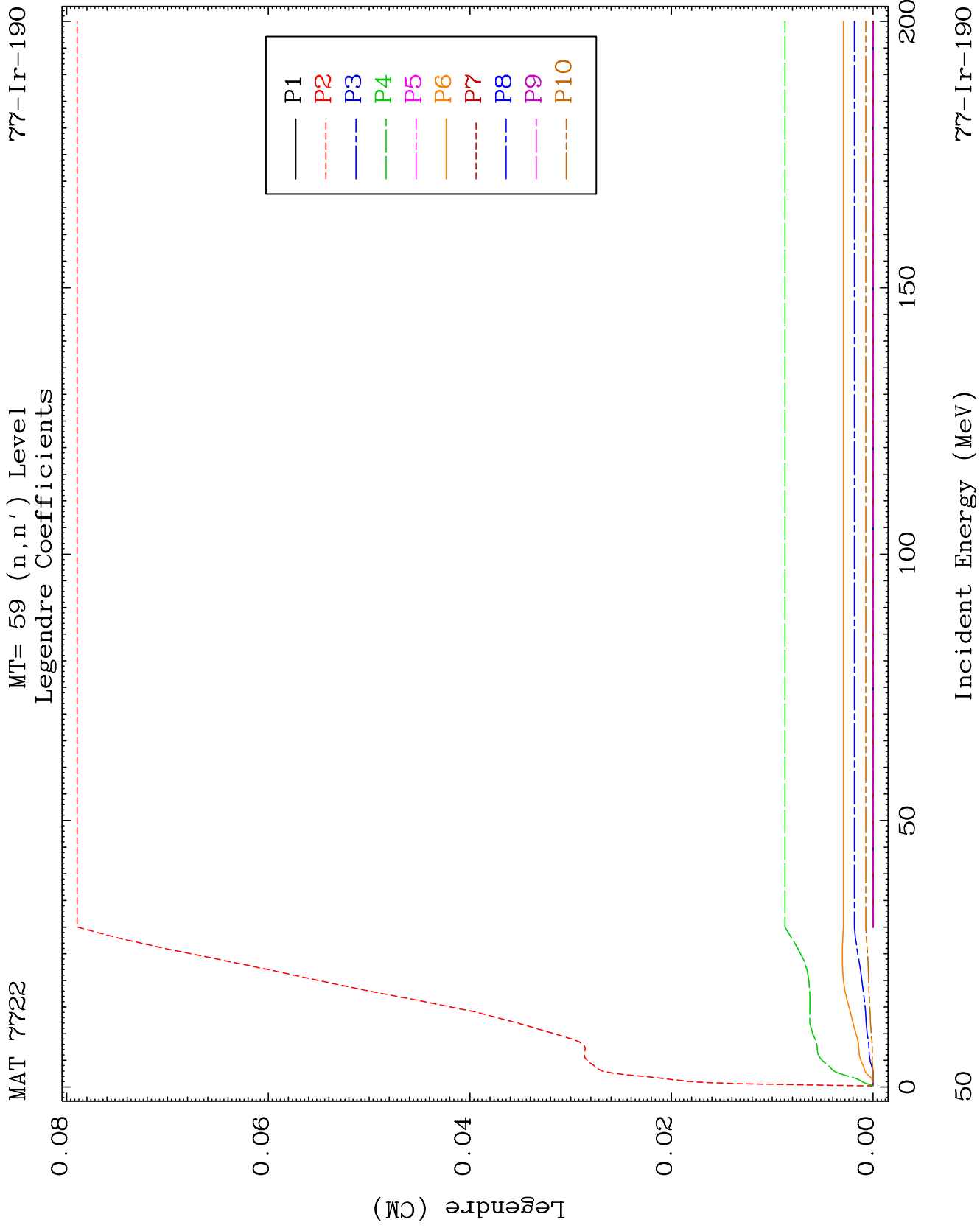


48

Incident Energy (MeV)

77-Ir-190

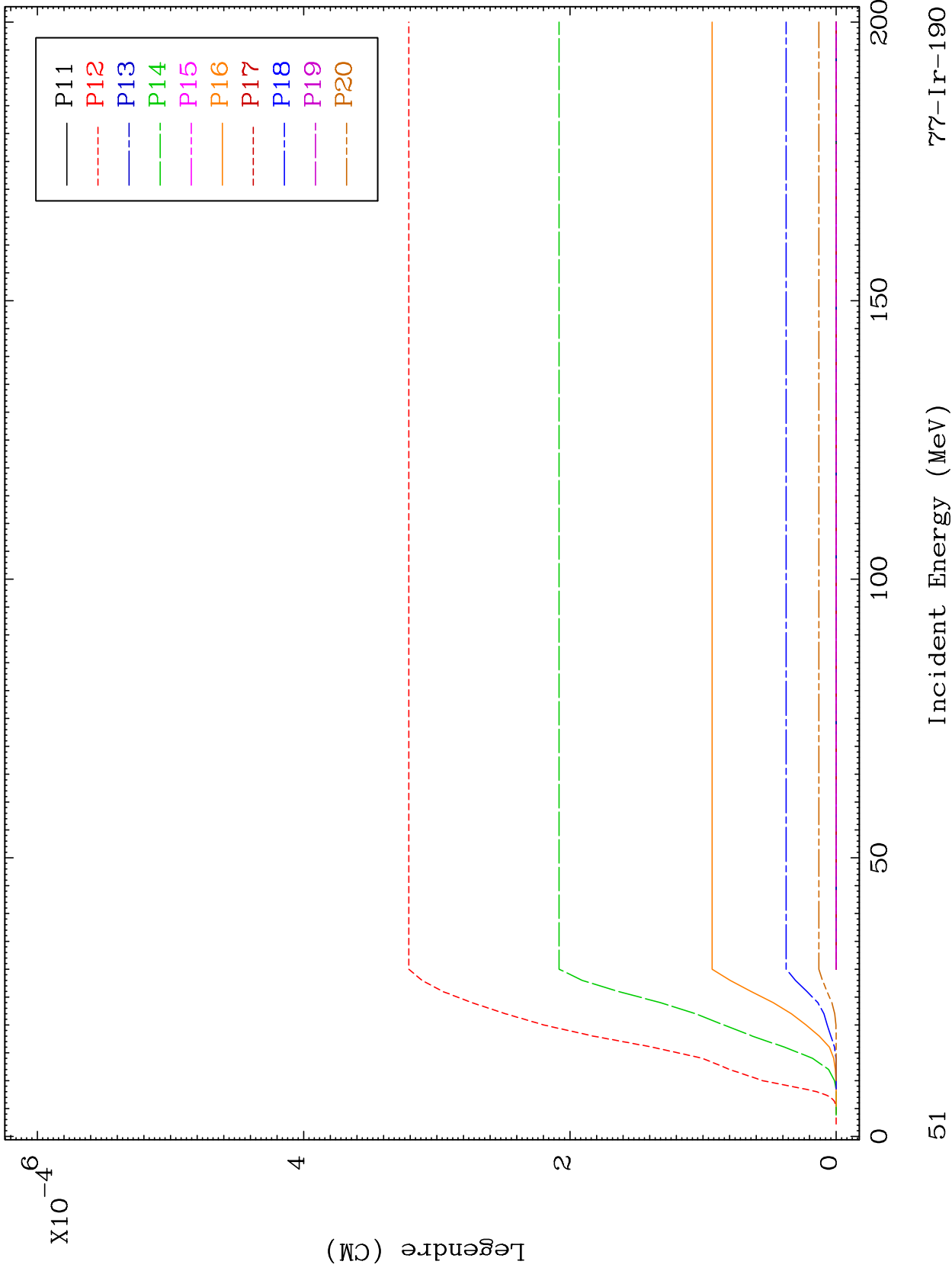




MAT 7722

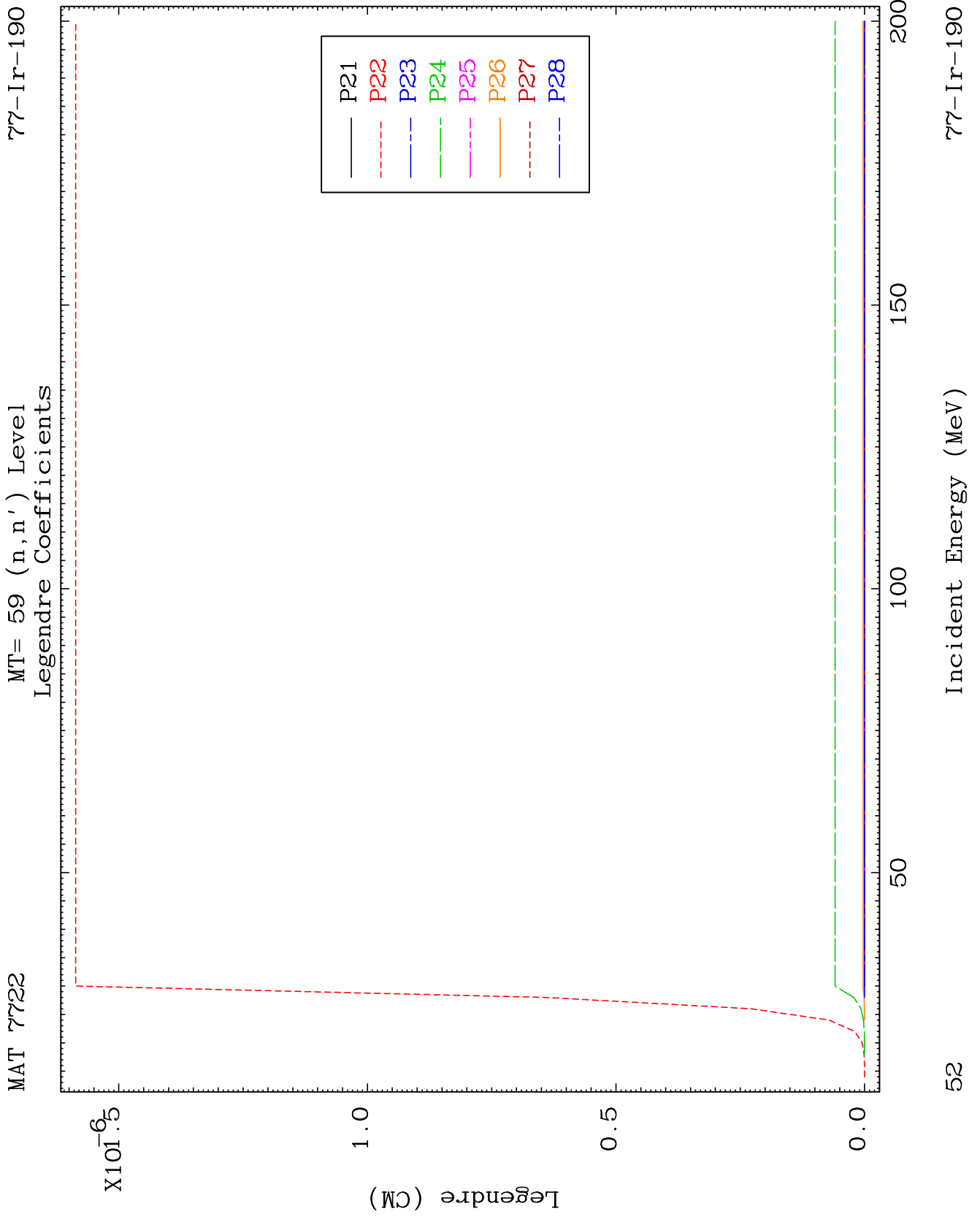
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Legendre Coefficients

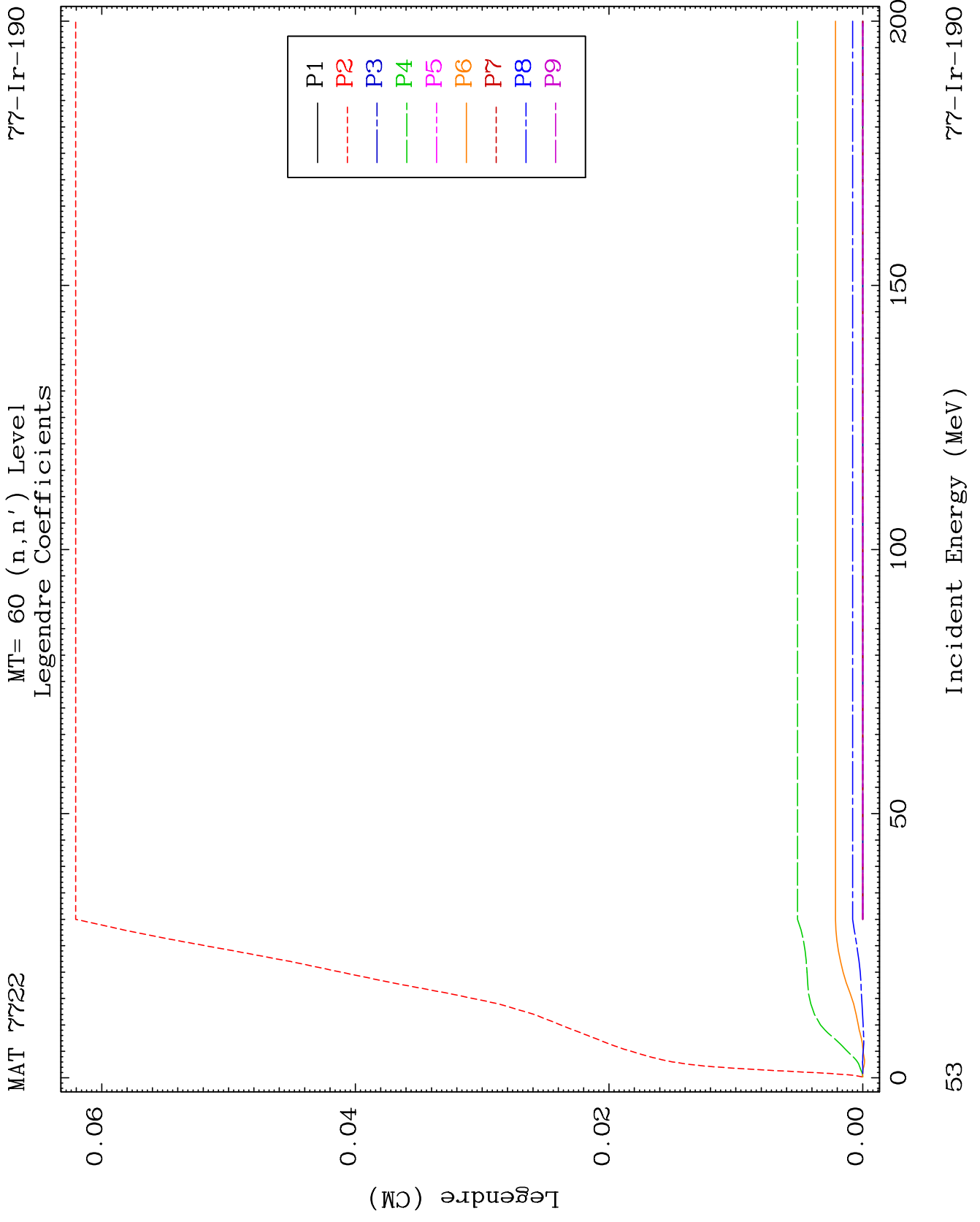
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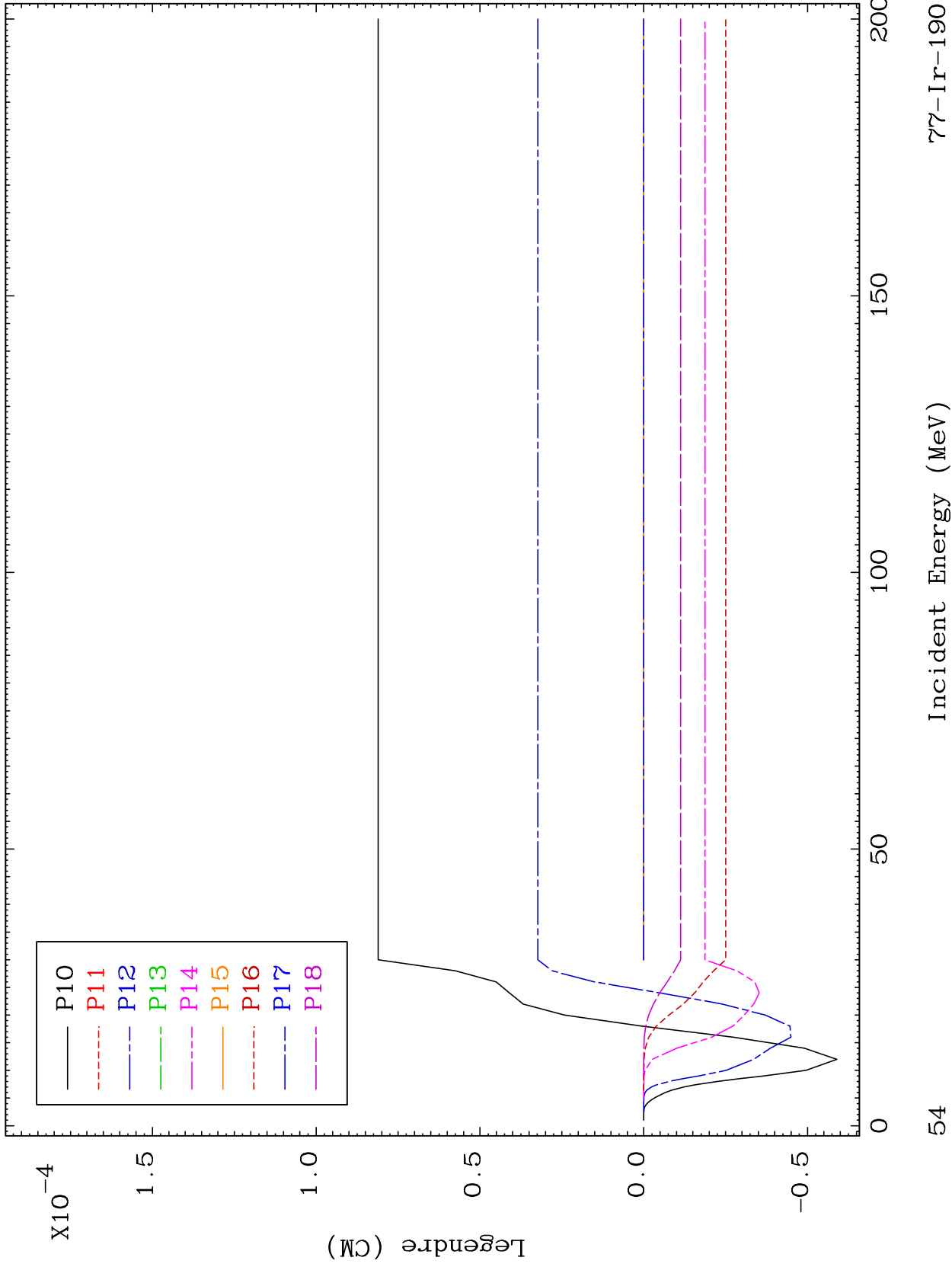


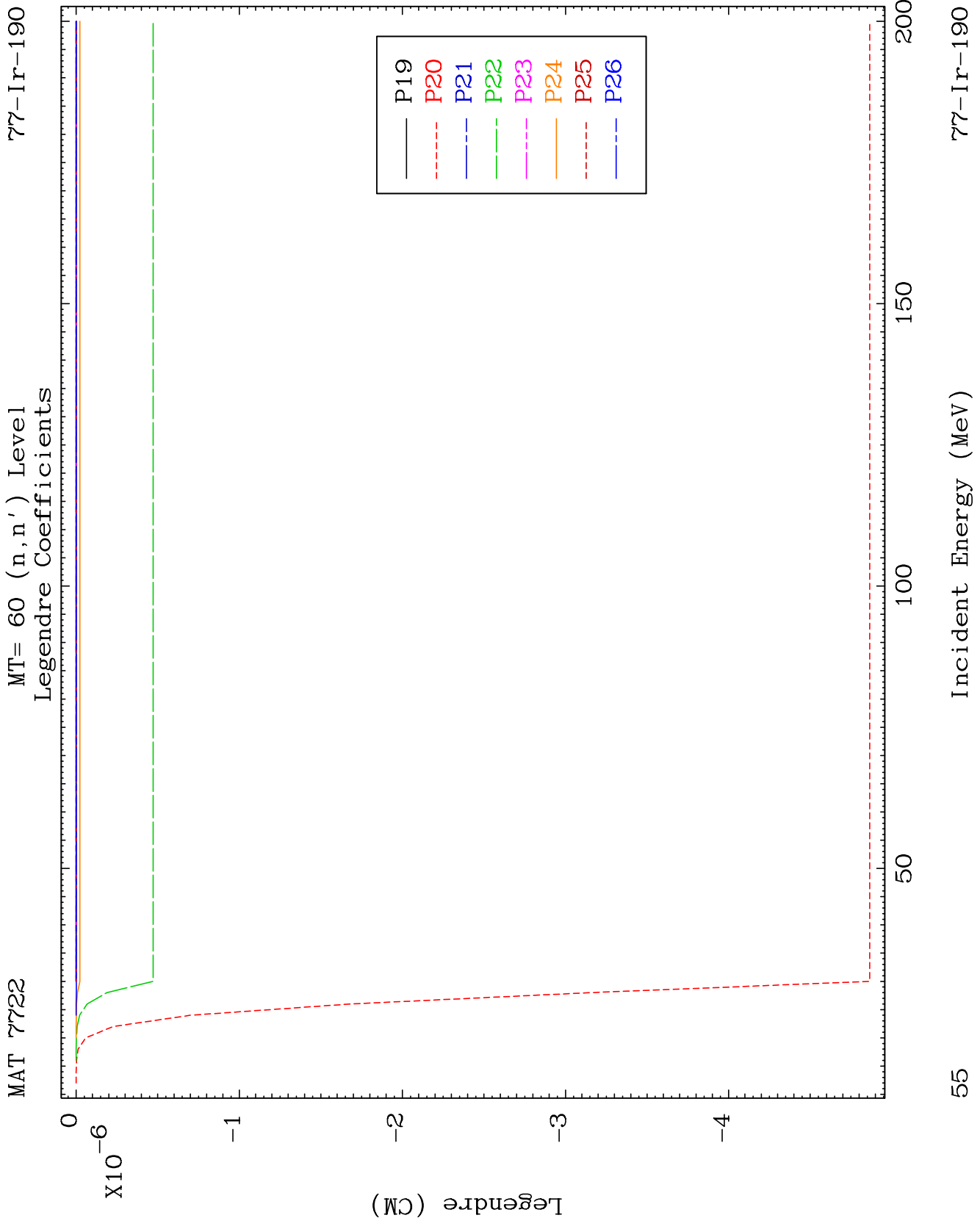
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77-Ir-190







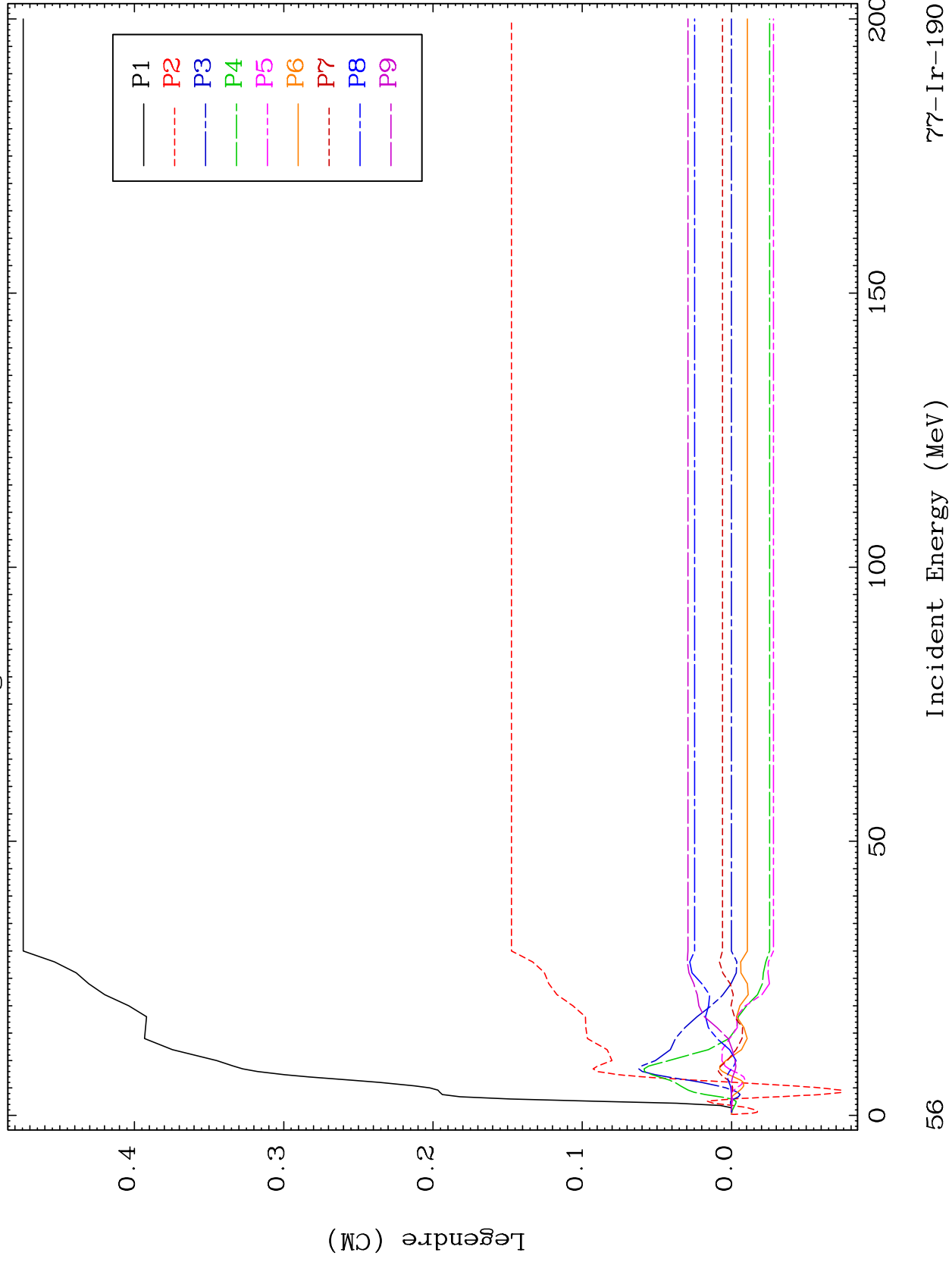




MAT 7722

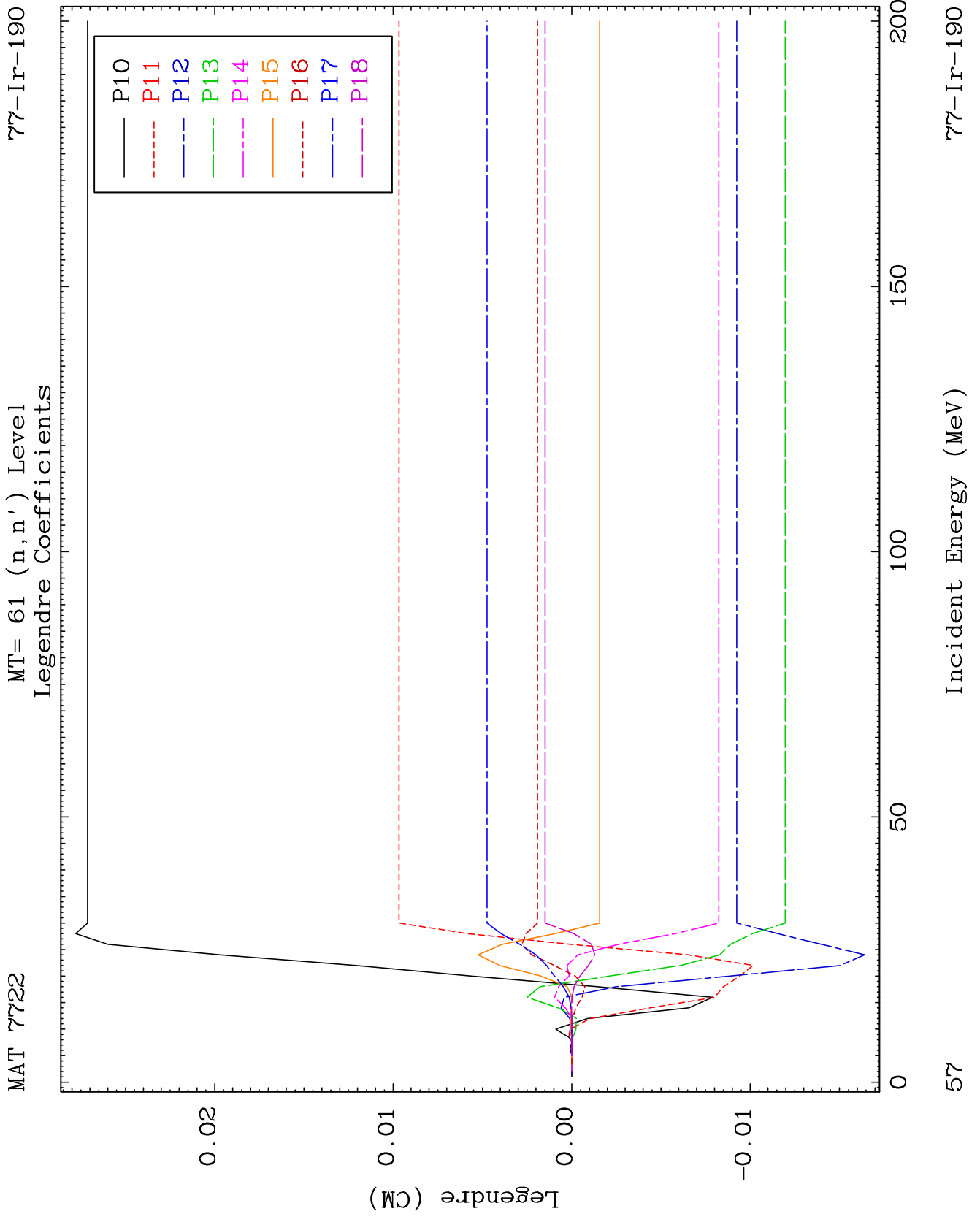
MT= 61 (n,n') Level  
Legendre Coefficients

77-Ir-190



56

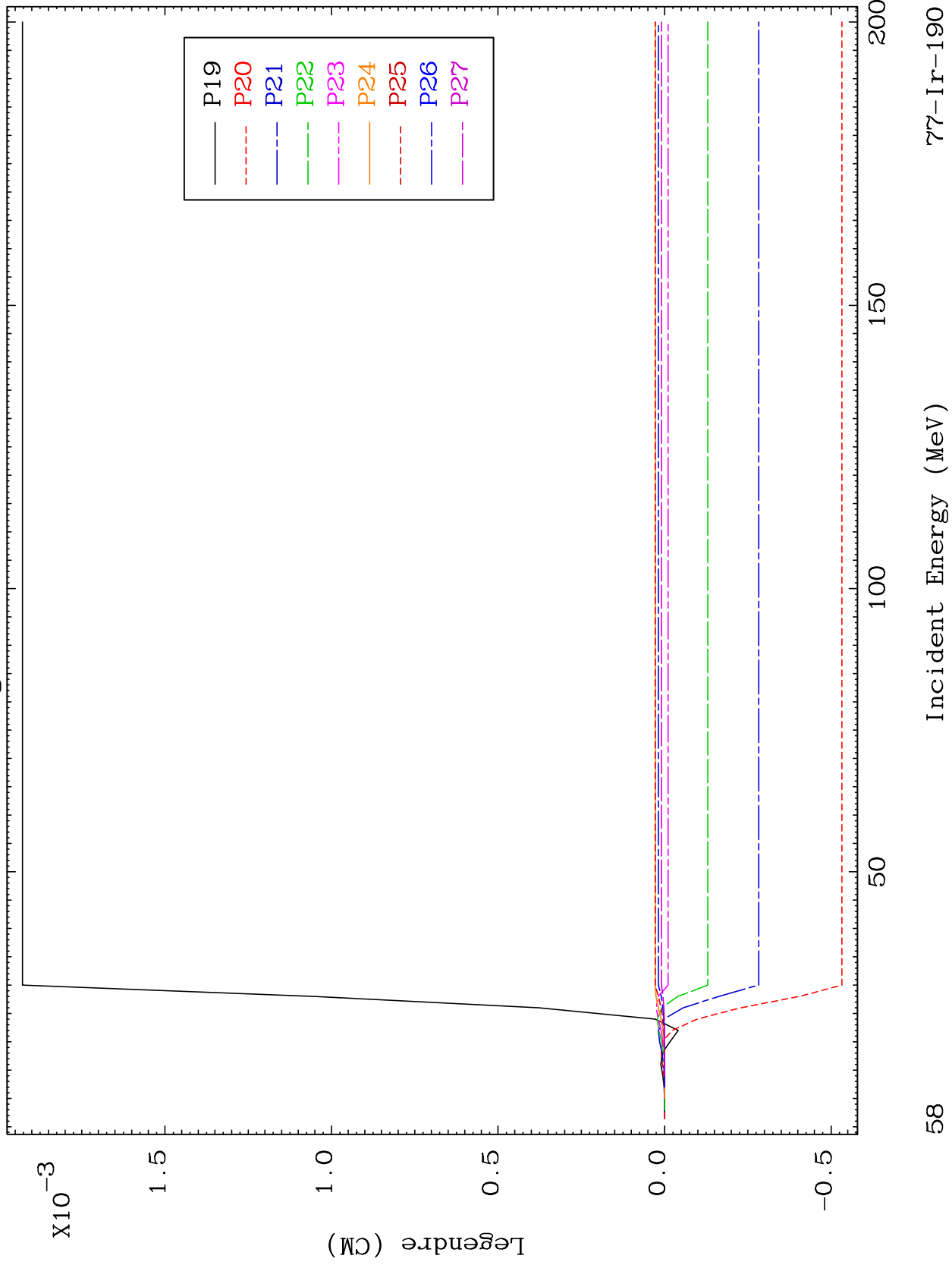
77-Ir-190



MAT 7722

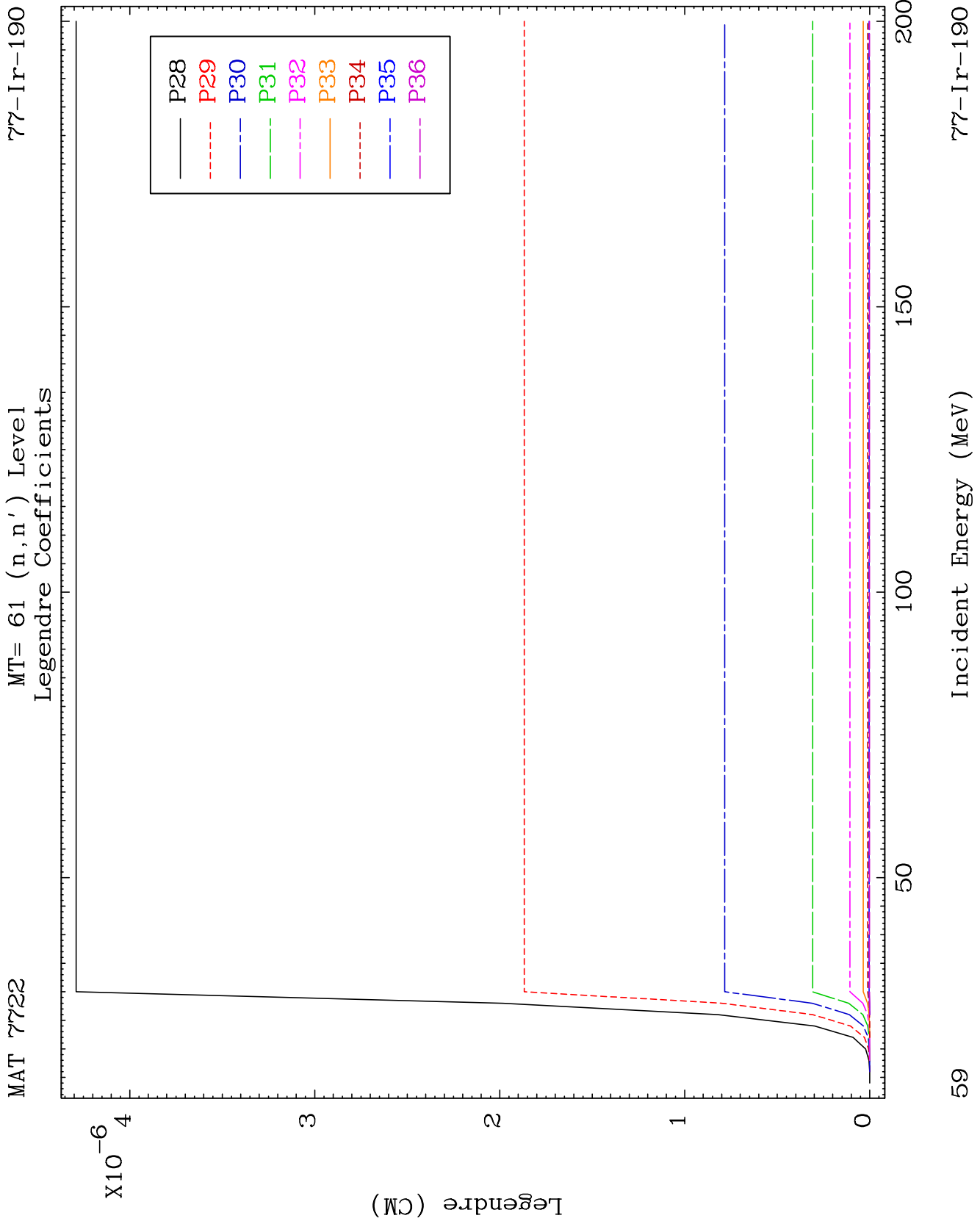
MT= 61 (n,n') Level  
Legendre Coefficients

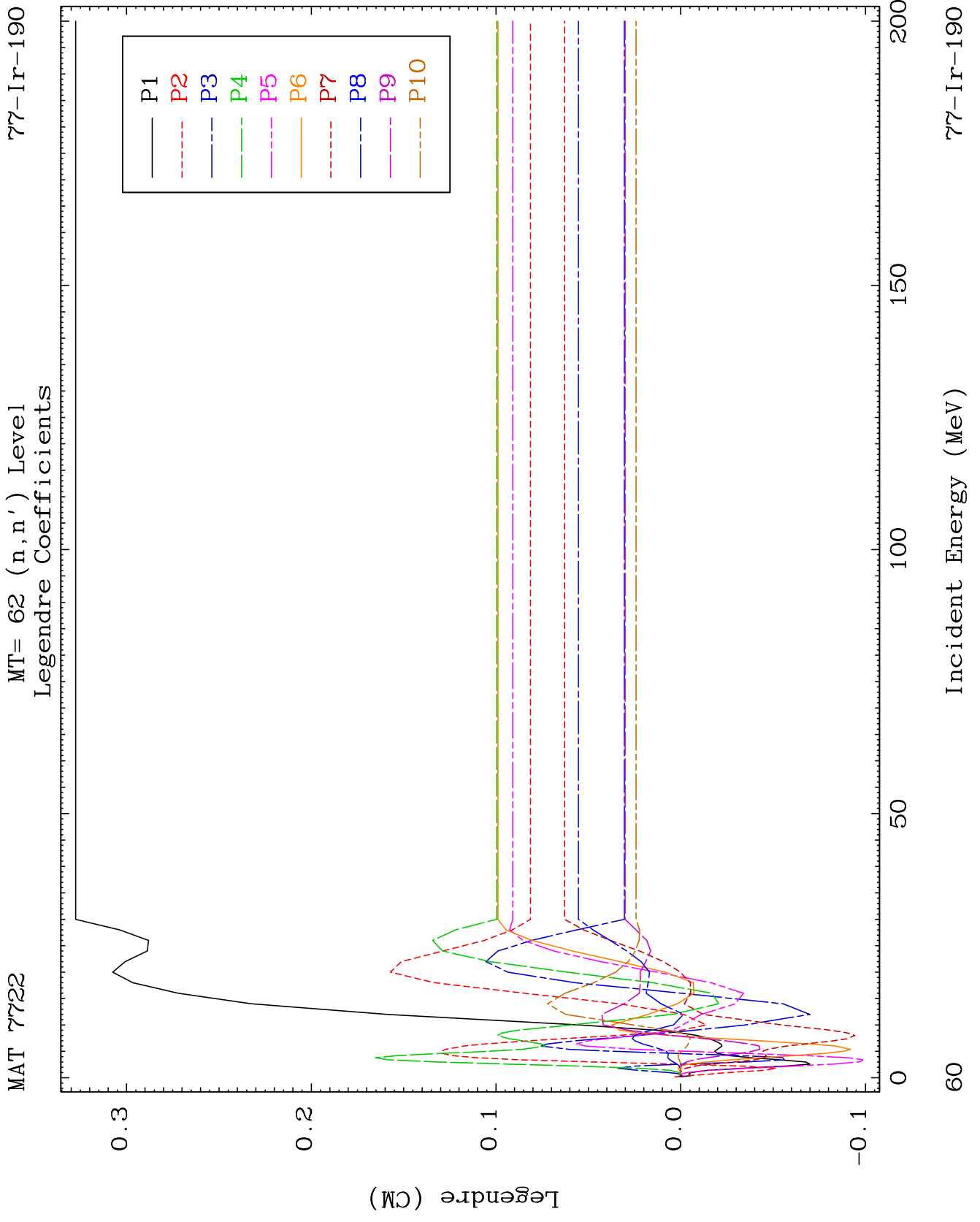
77-Ir-190



58

77-Ir-190

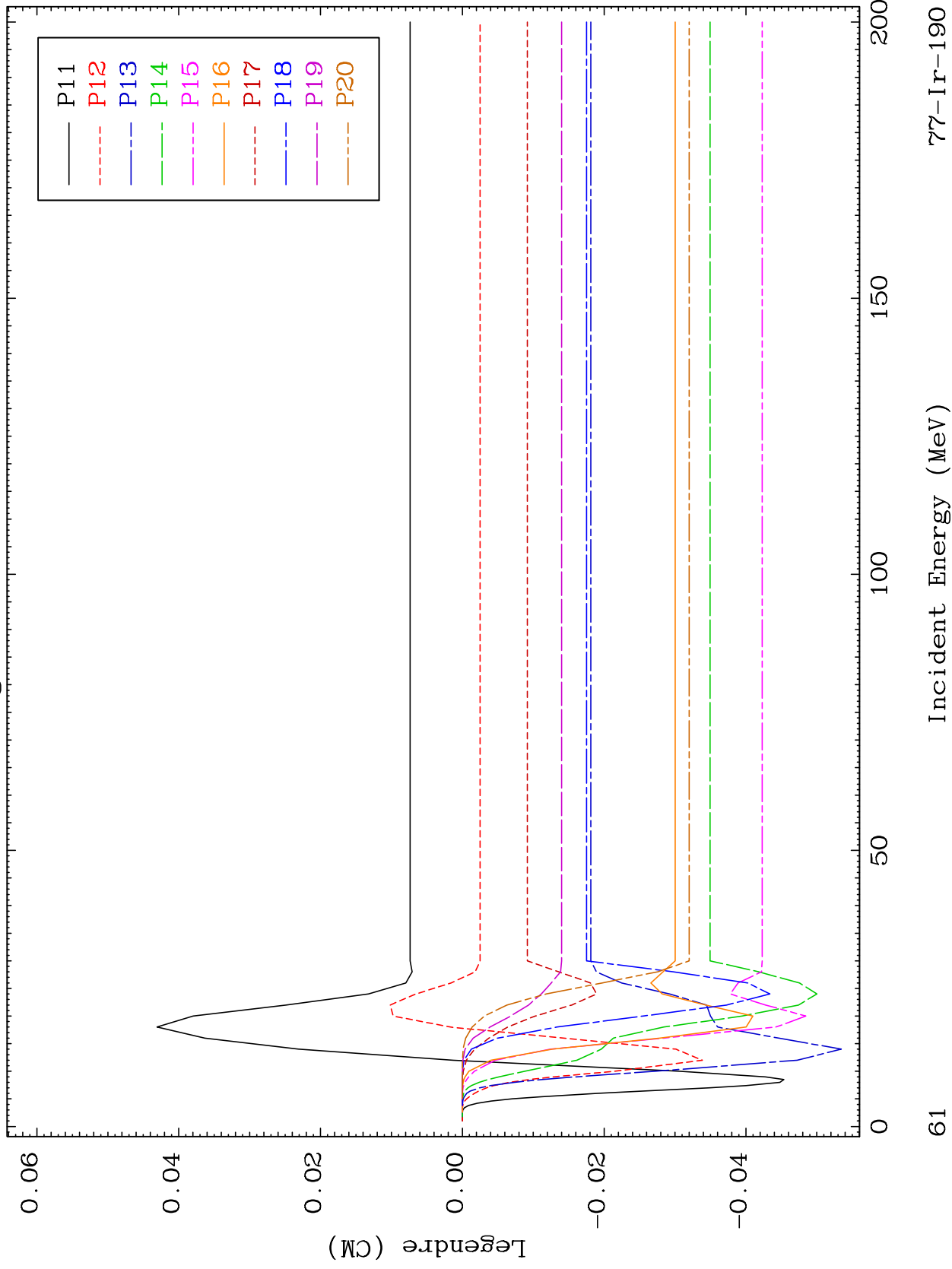




MAT 7722

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

77-Ir-190



61

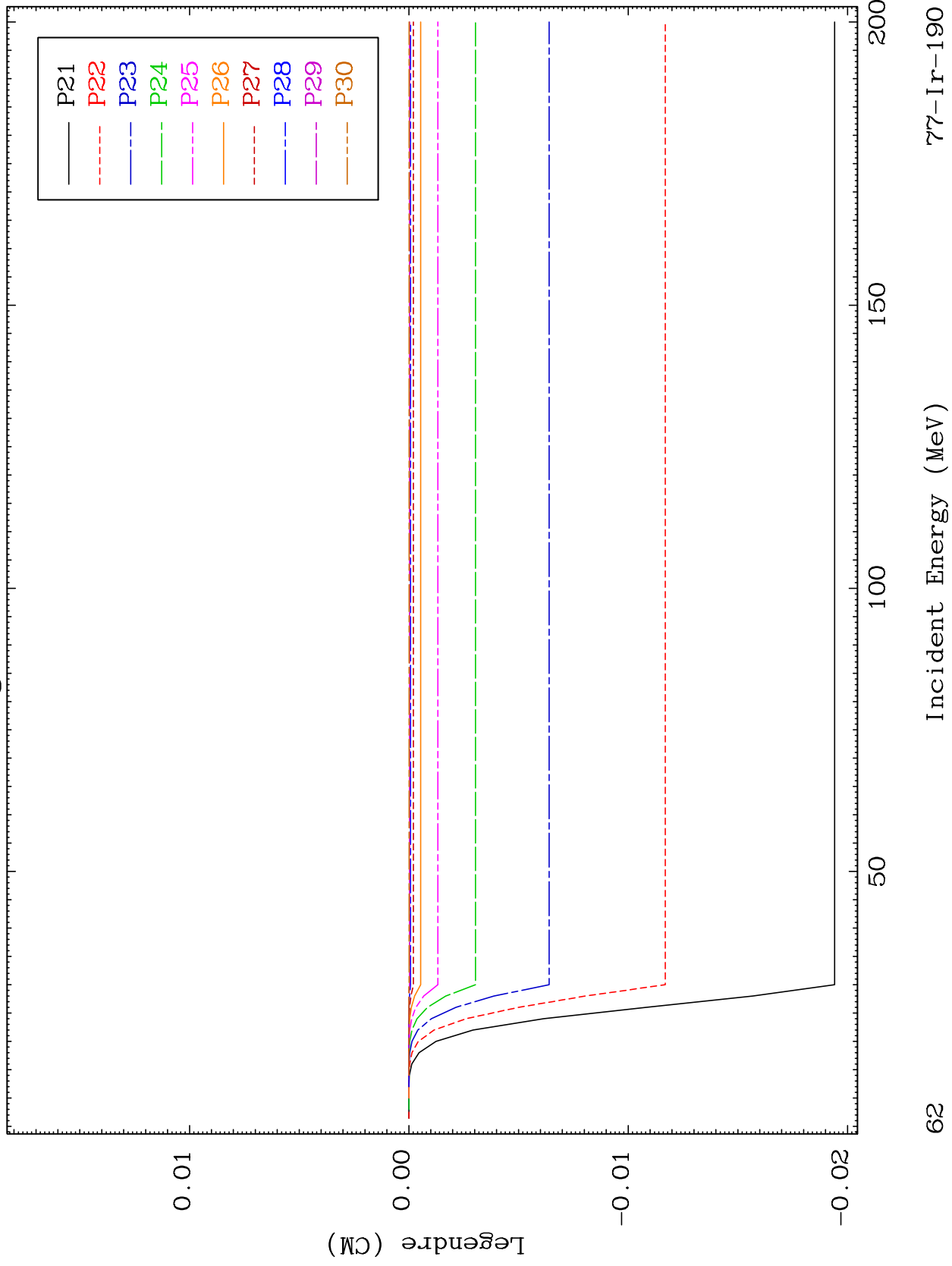
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

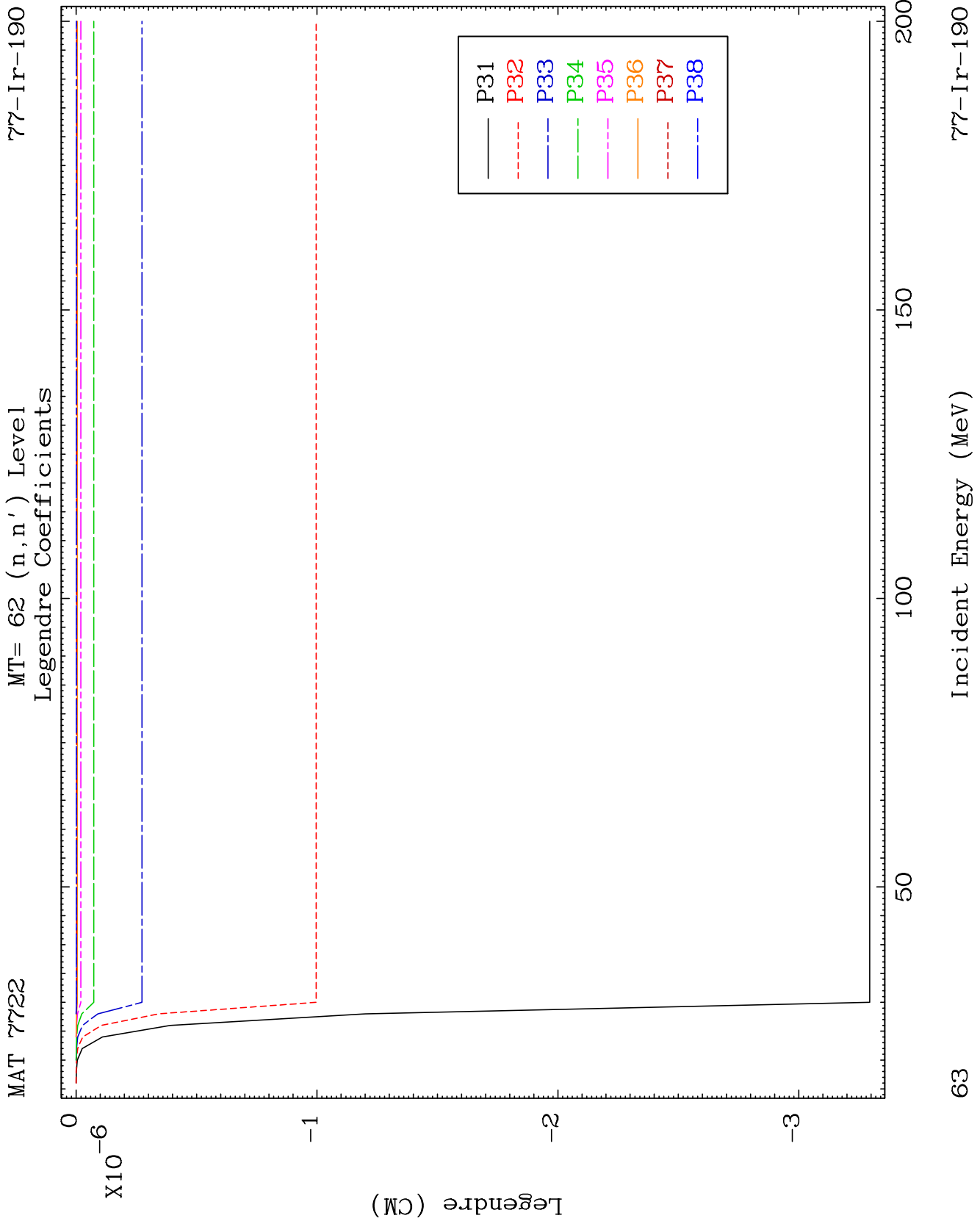
77-Ir-190



77-Ir-190

Incident Energy (MeV)

62

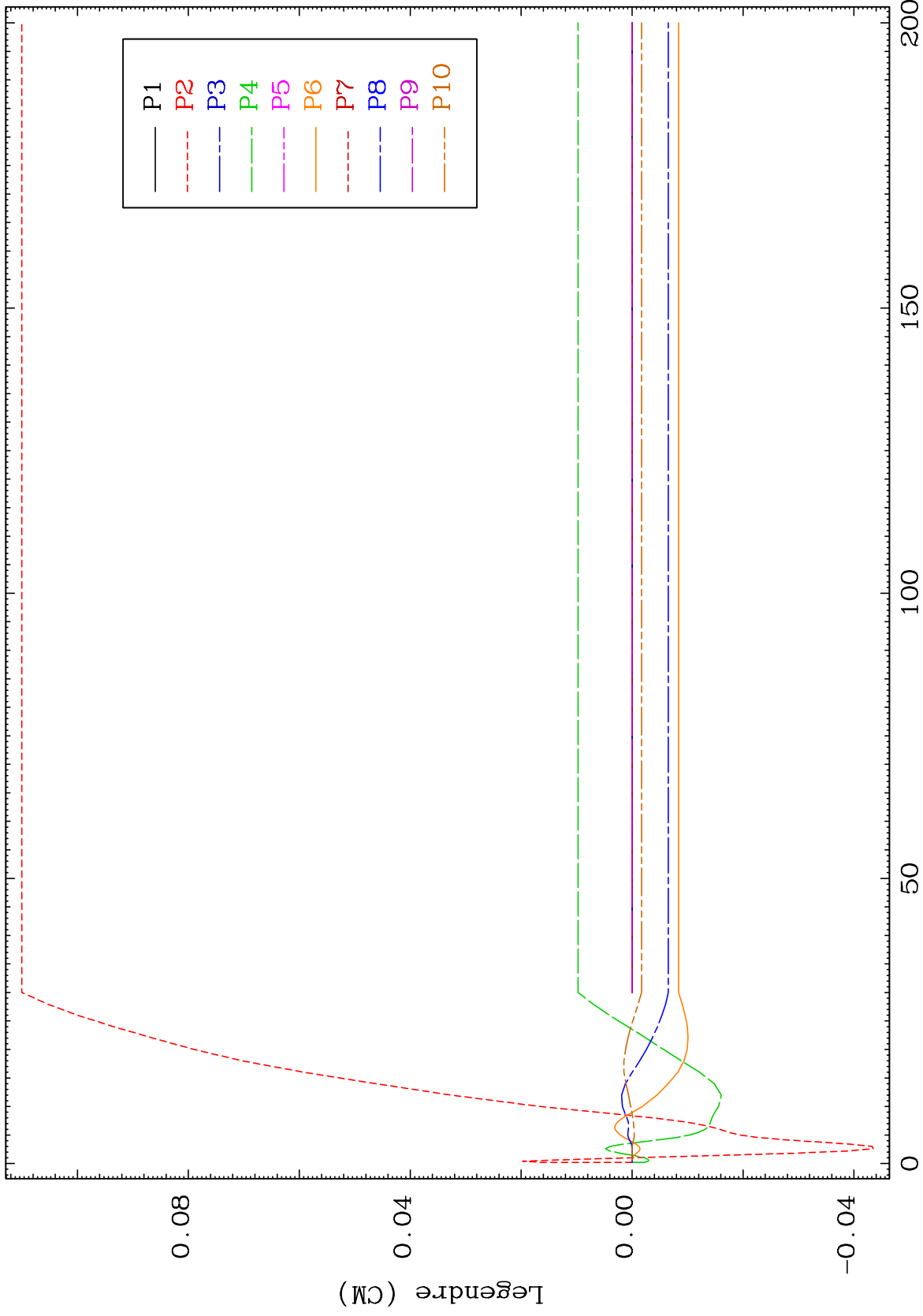




MAT 7722

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

77-Ir-190



64

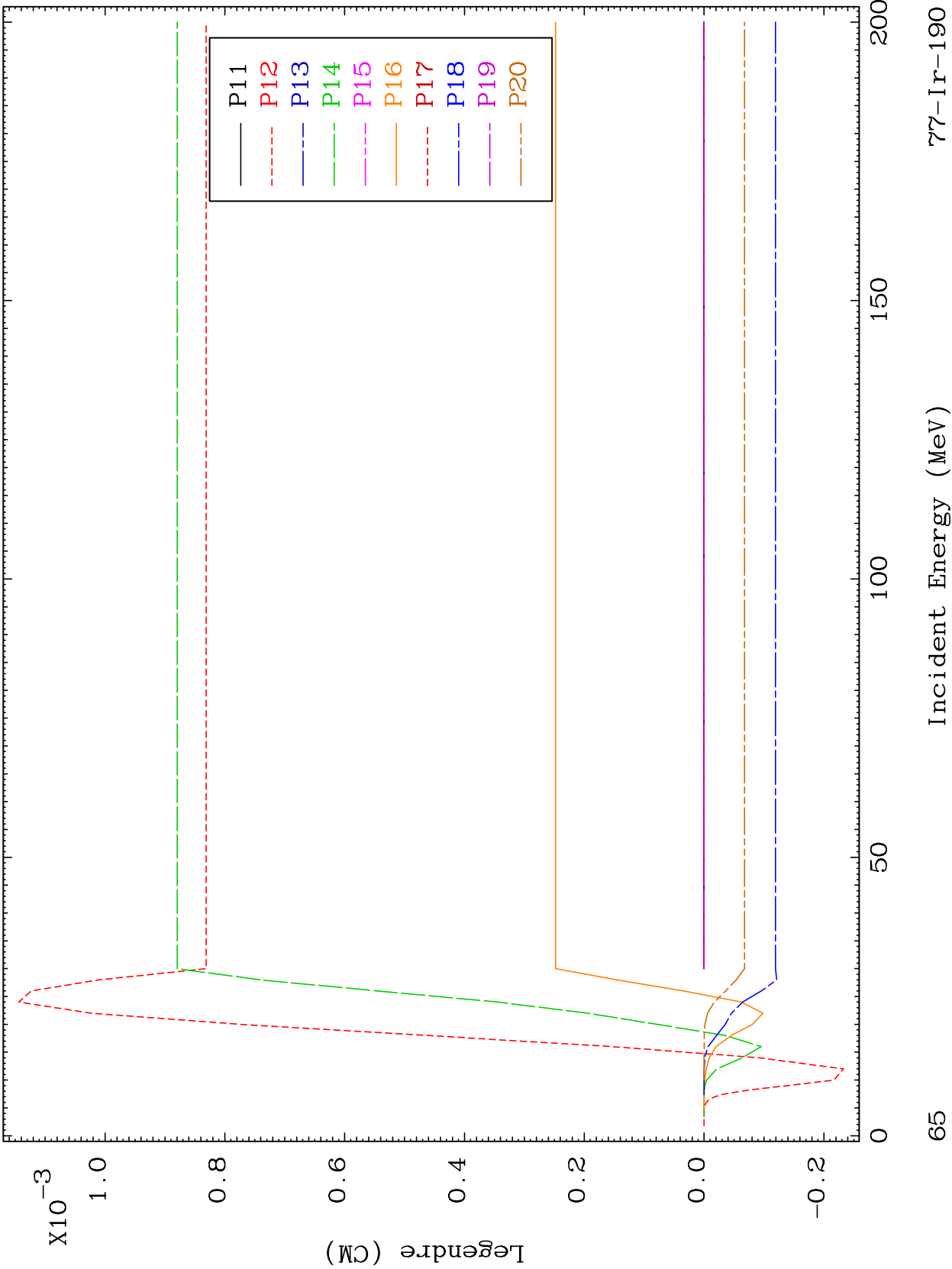
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

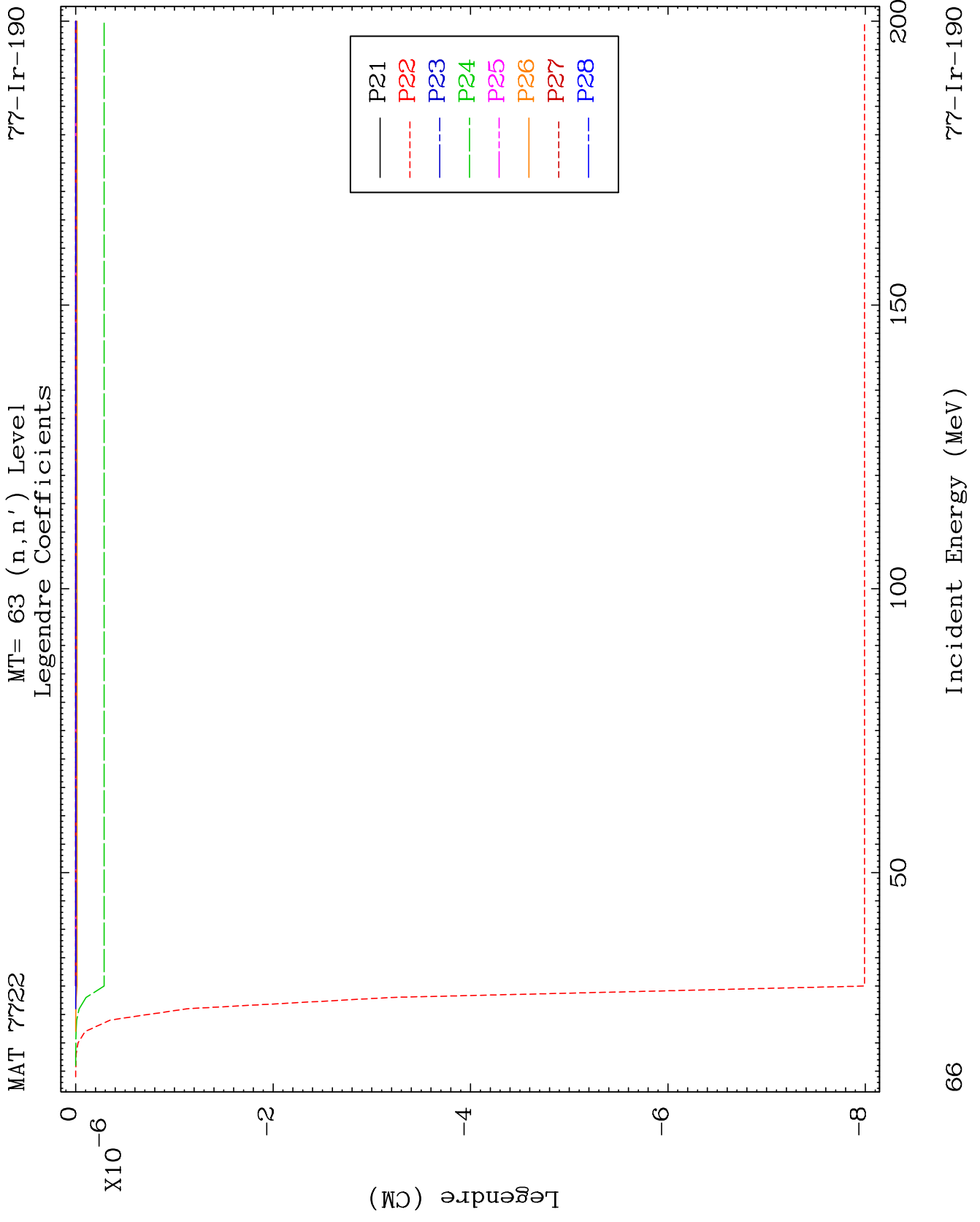
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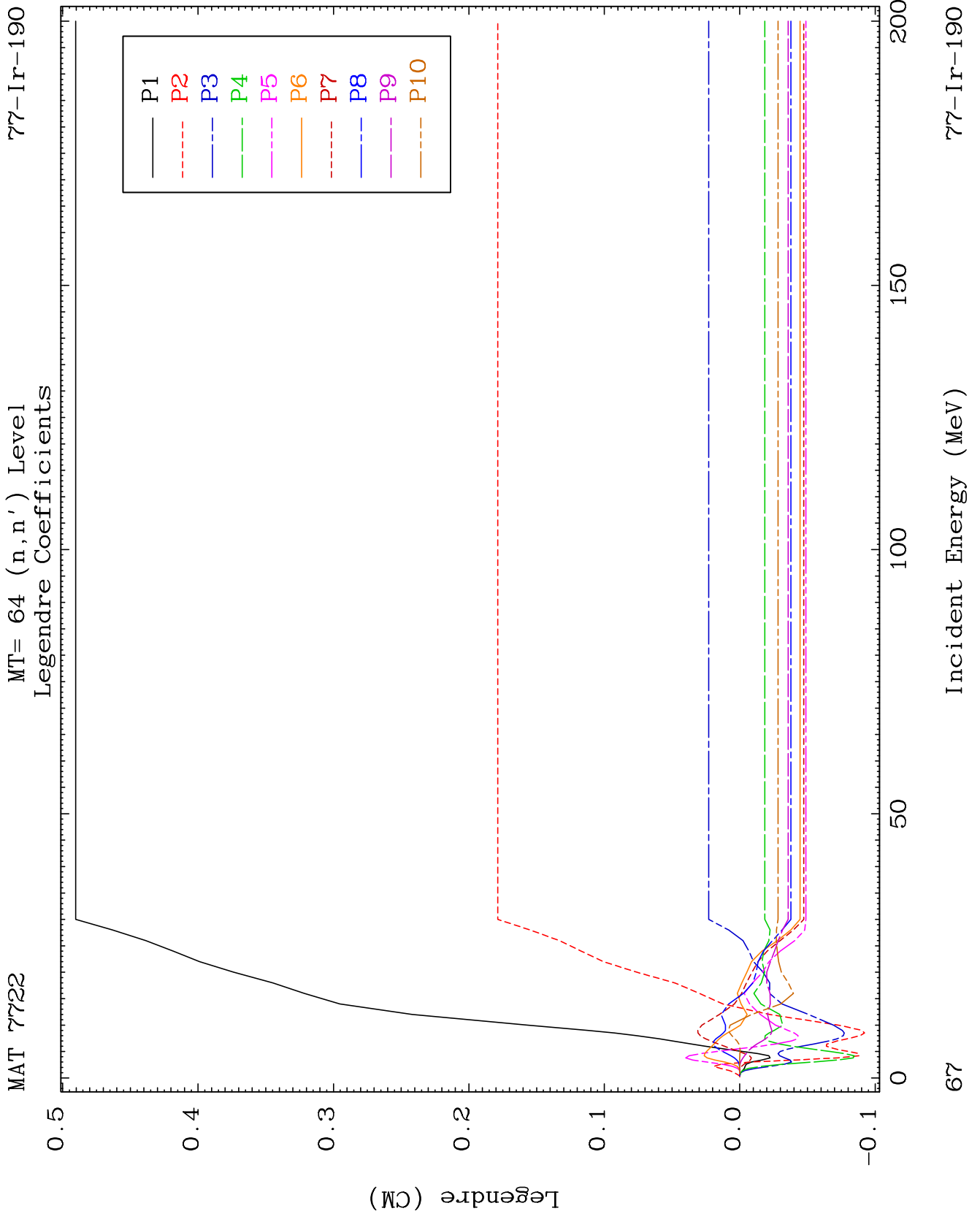


77-Ir-190

Incident Energy (MeV)

65

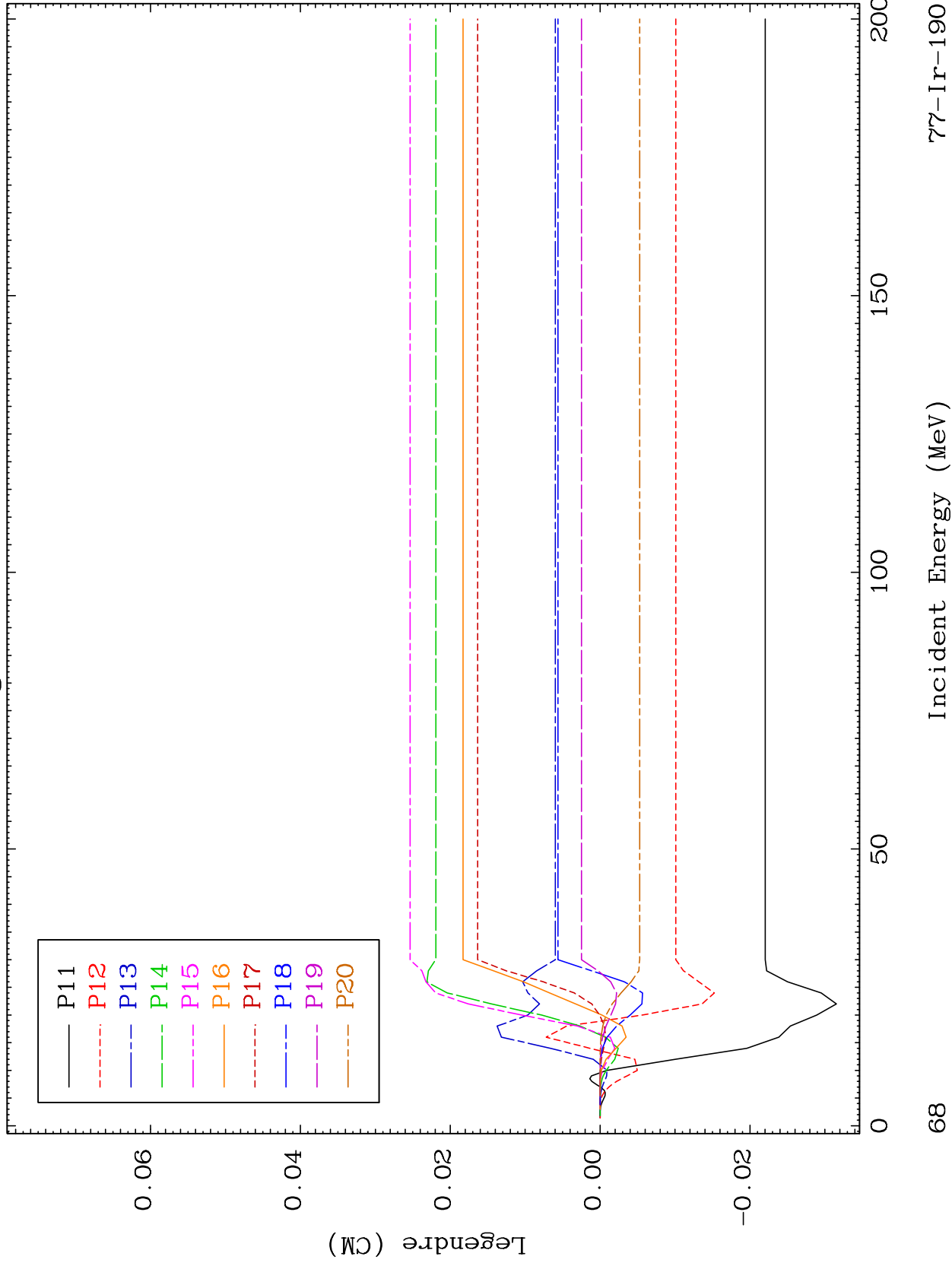




MAT 7722

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

77-Ir-190



77-Ir-190

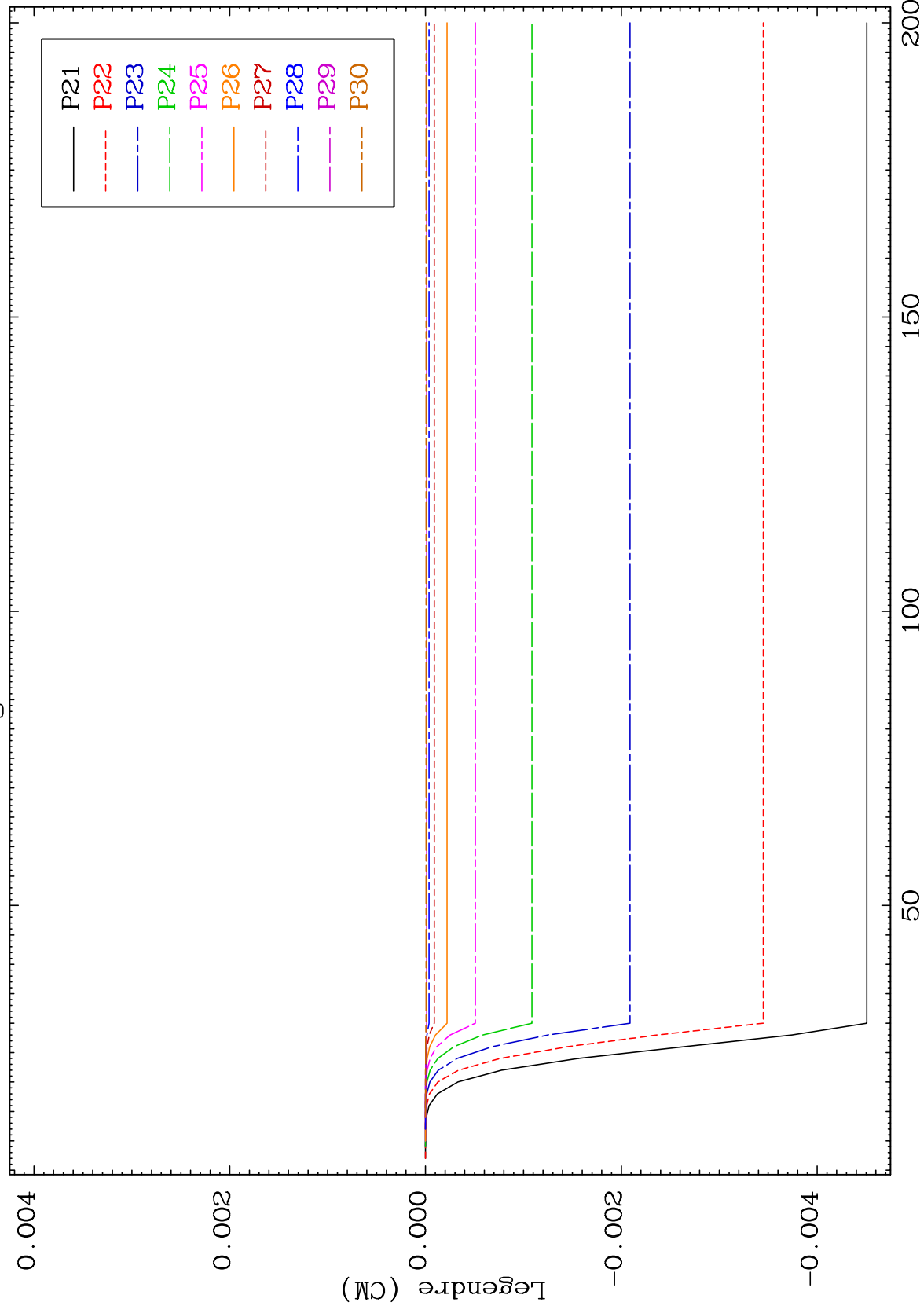
Incident Energy (MeV)

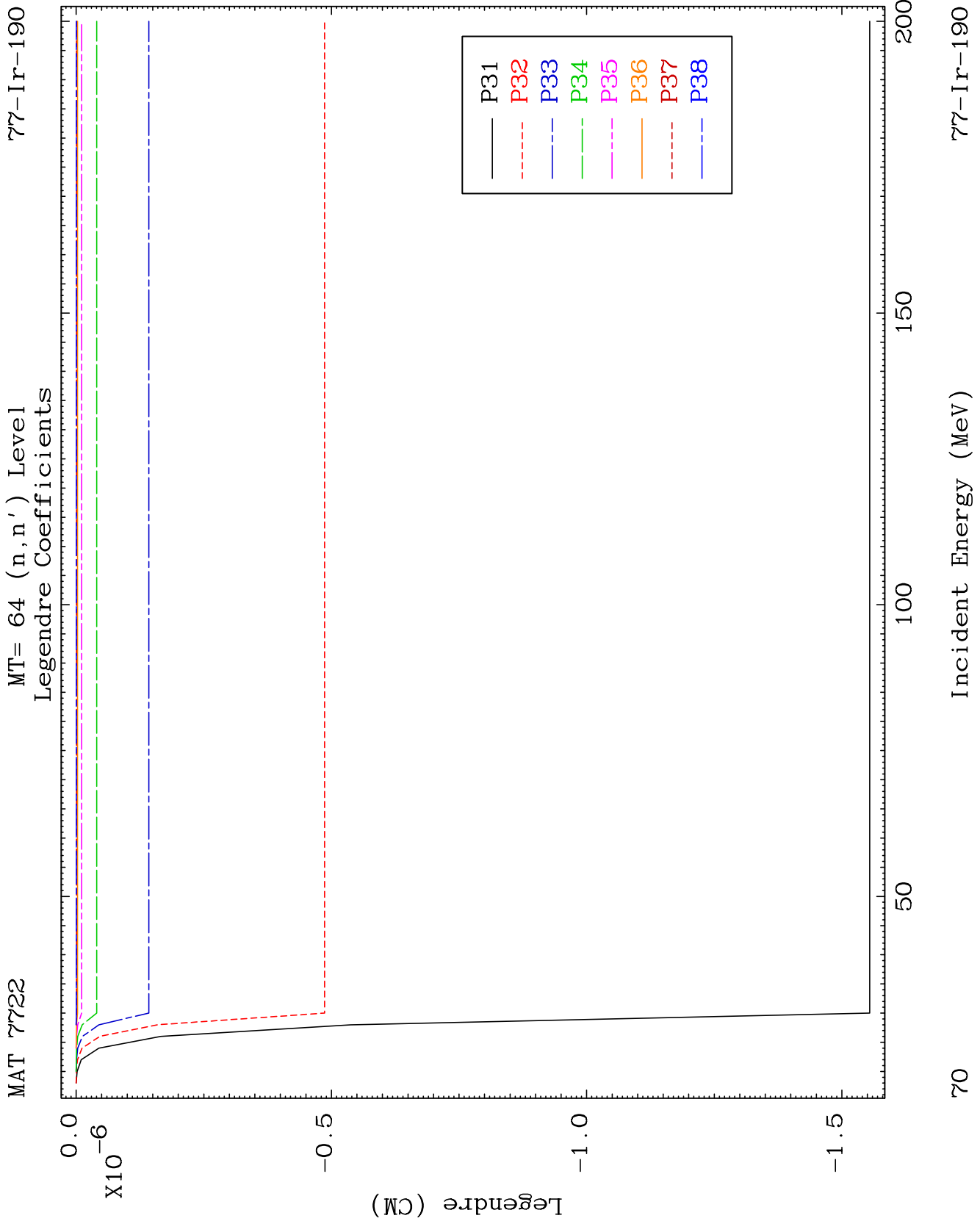
68

MAT 7722

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

77-Ir-190

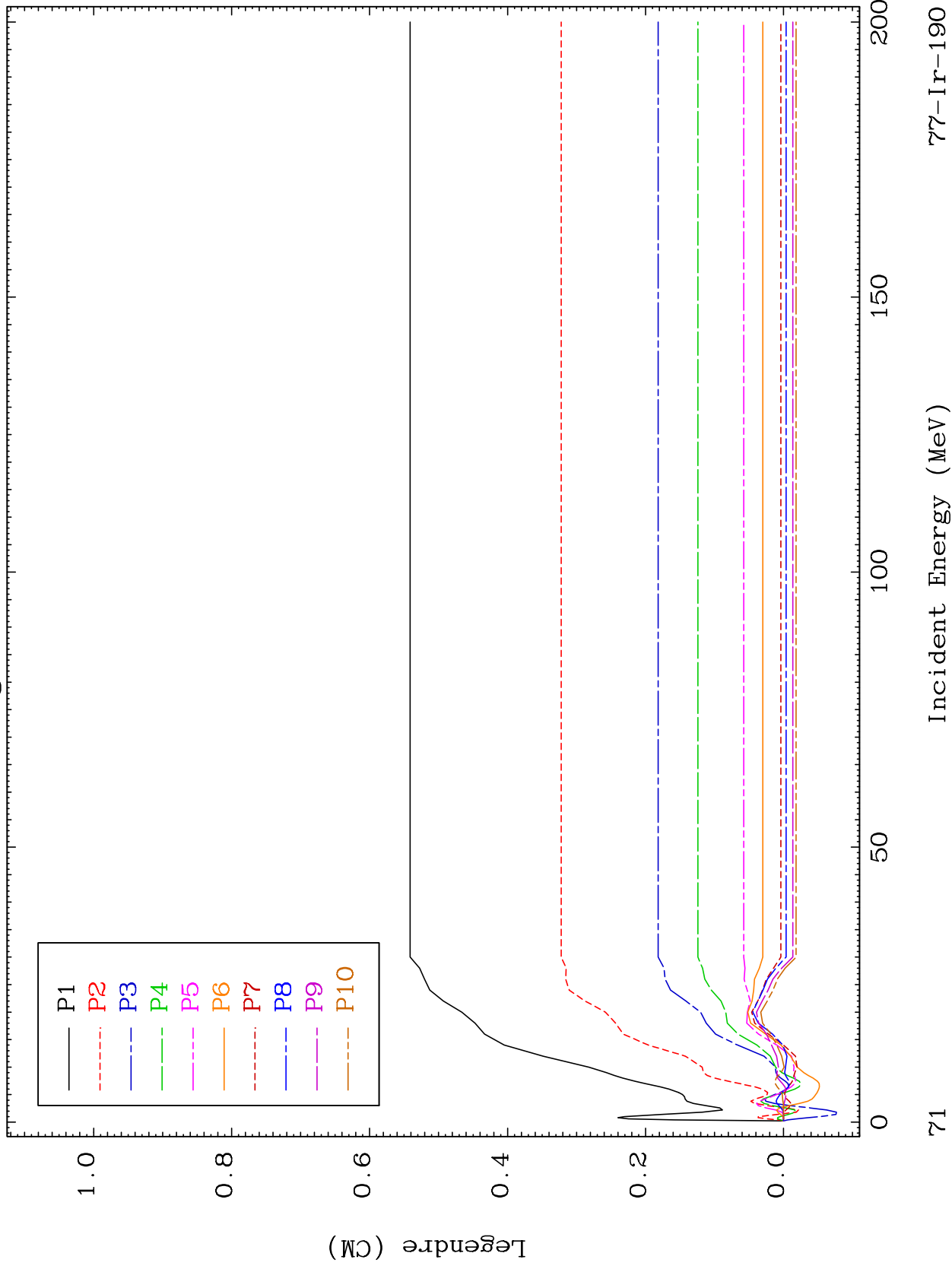




MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

71

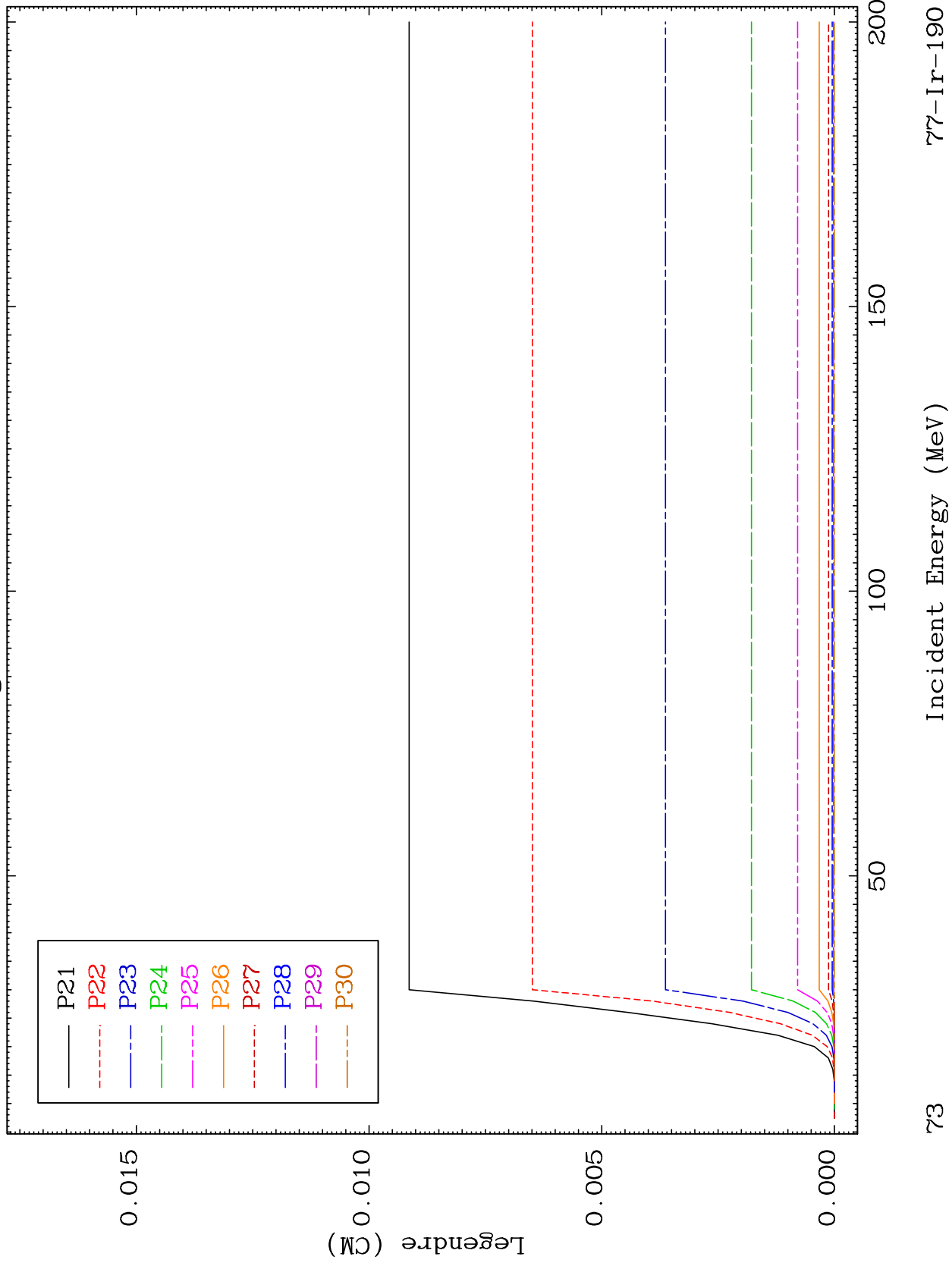




MAT 7722

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

77-Ir-190



73

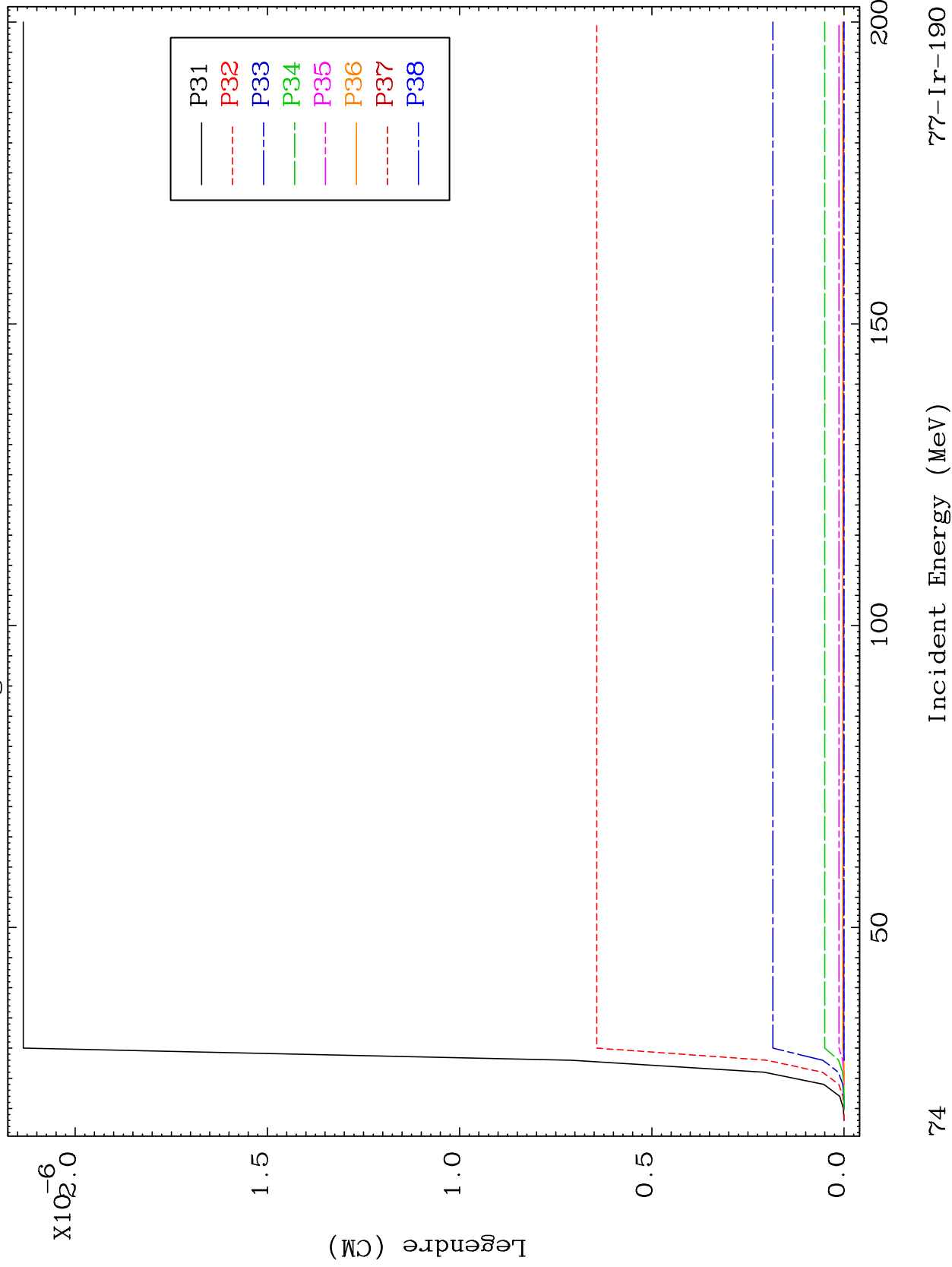
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

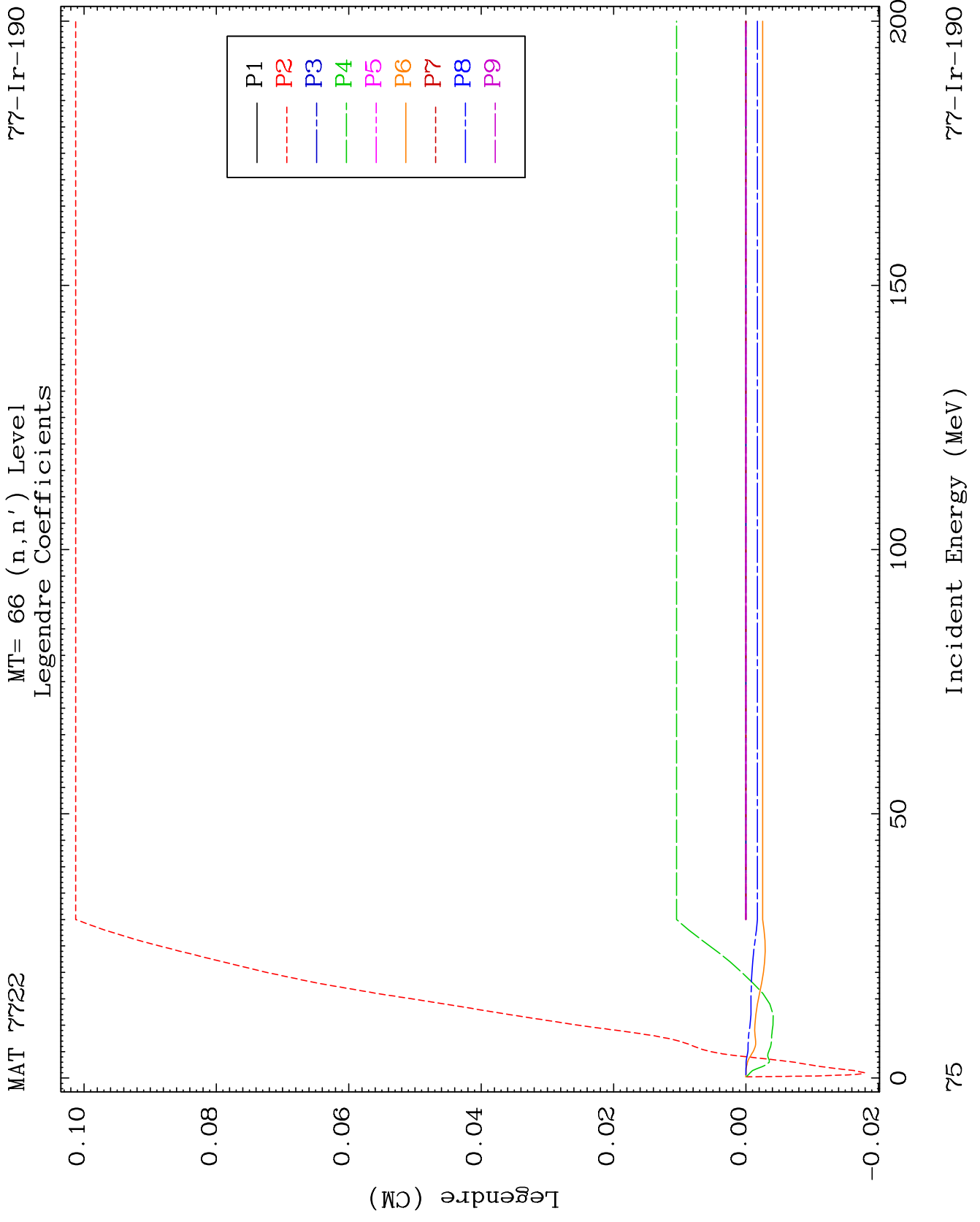
77-Ir-190



74

Incident Energy (MeV)

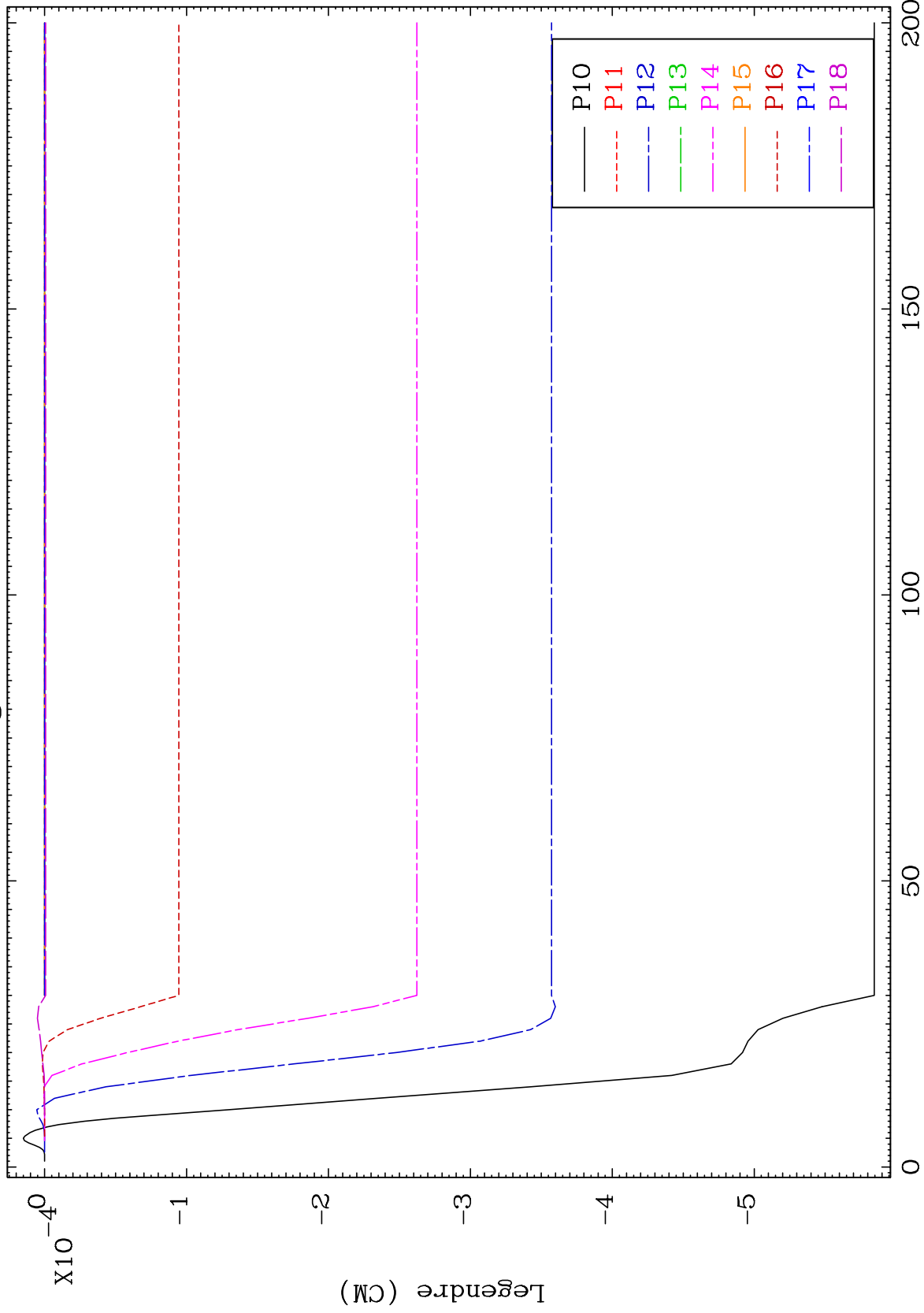
77-Ir-190



MAT 7722

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

77-Ir-190

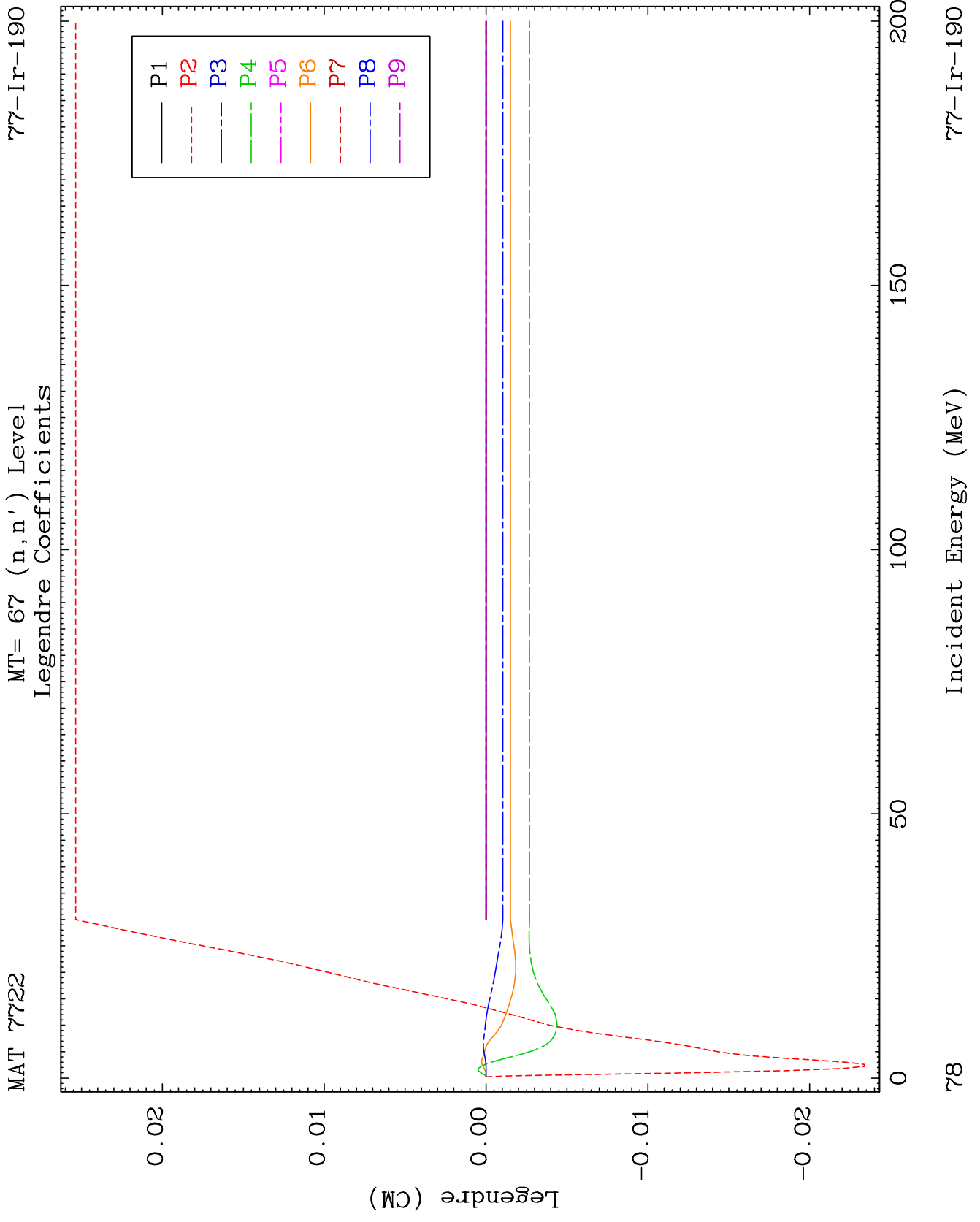


76

Incident Energy (MeV)

77-Ir-190

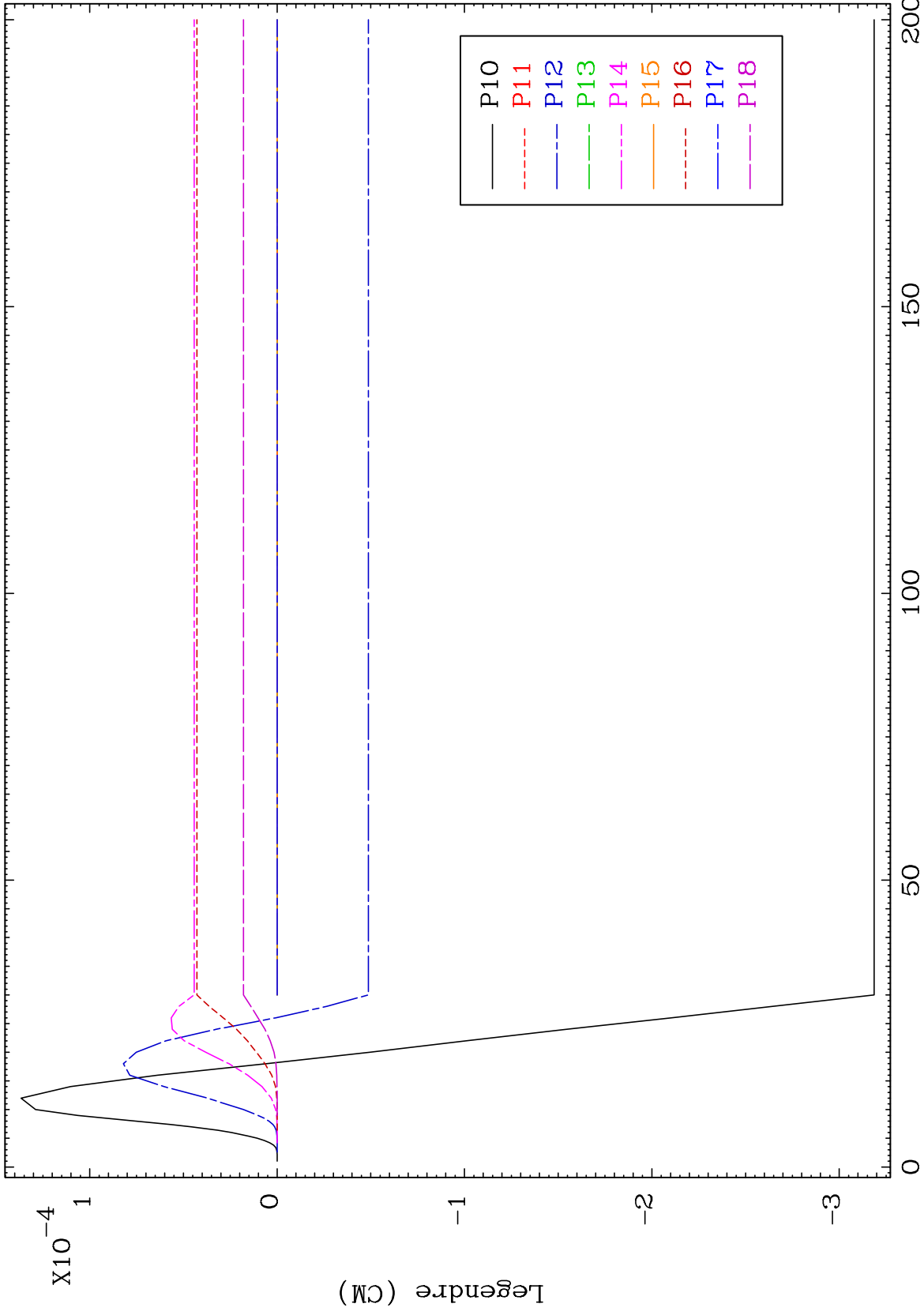




MAT 7722

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

77-Ir-190



79

77-Ir-190

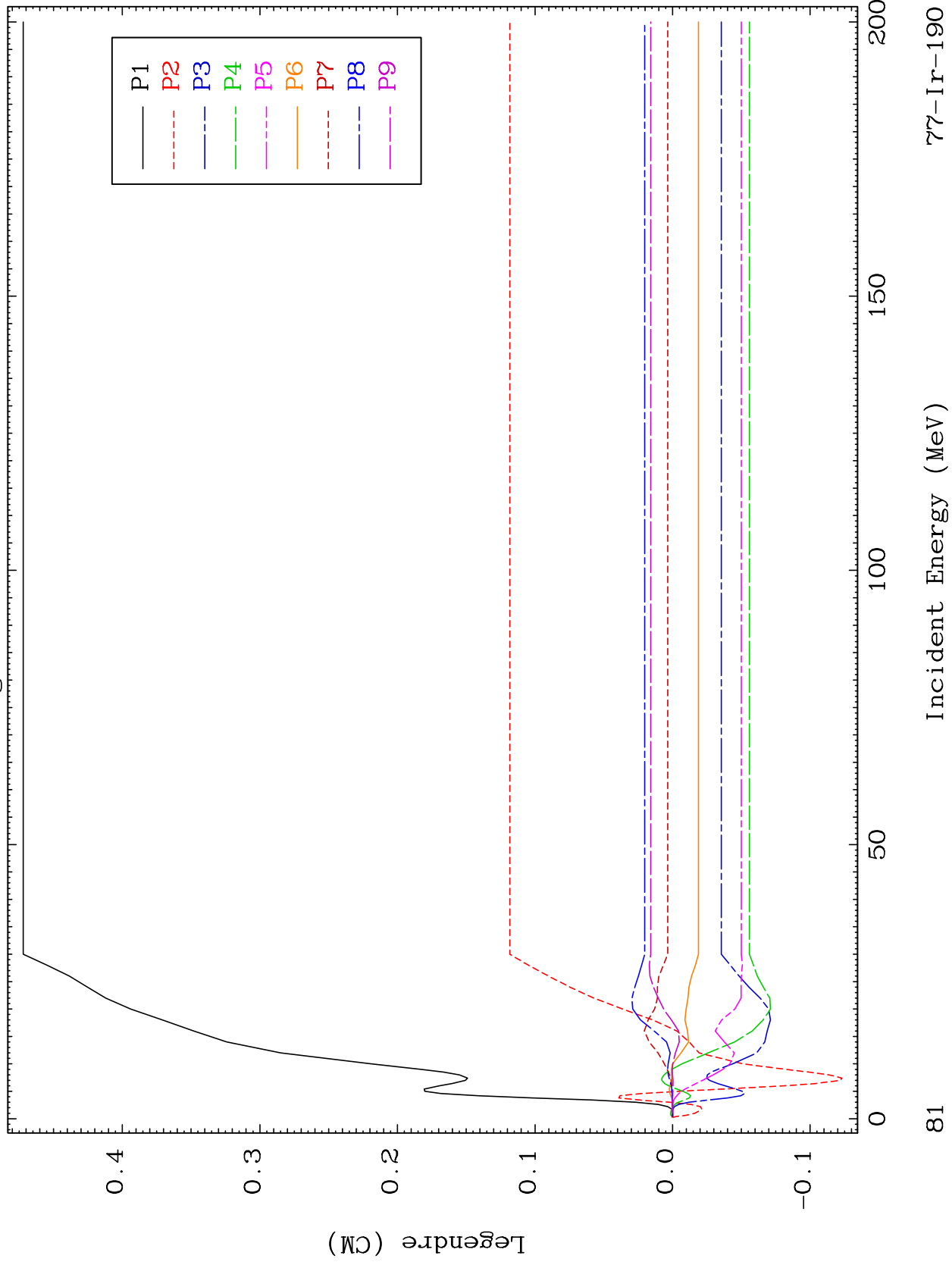




MAT 7722

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

77-Ir-190



77-Ir-190

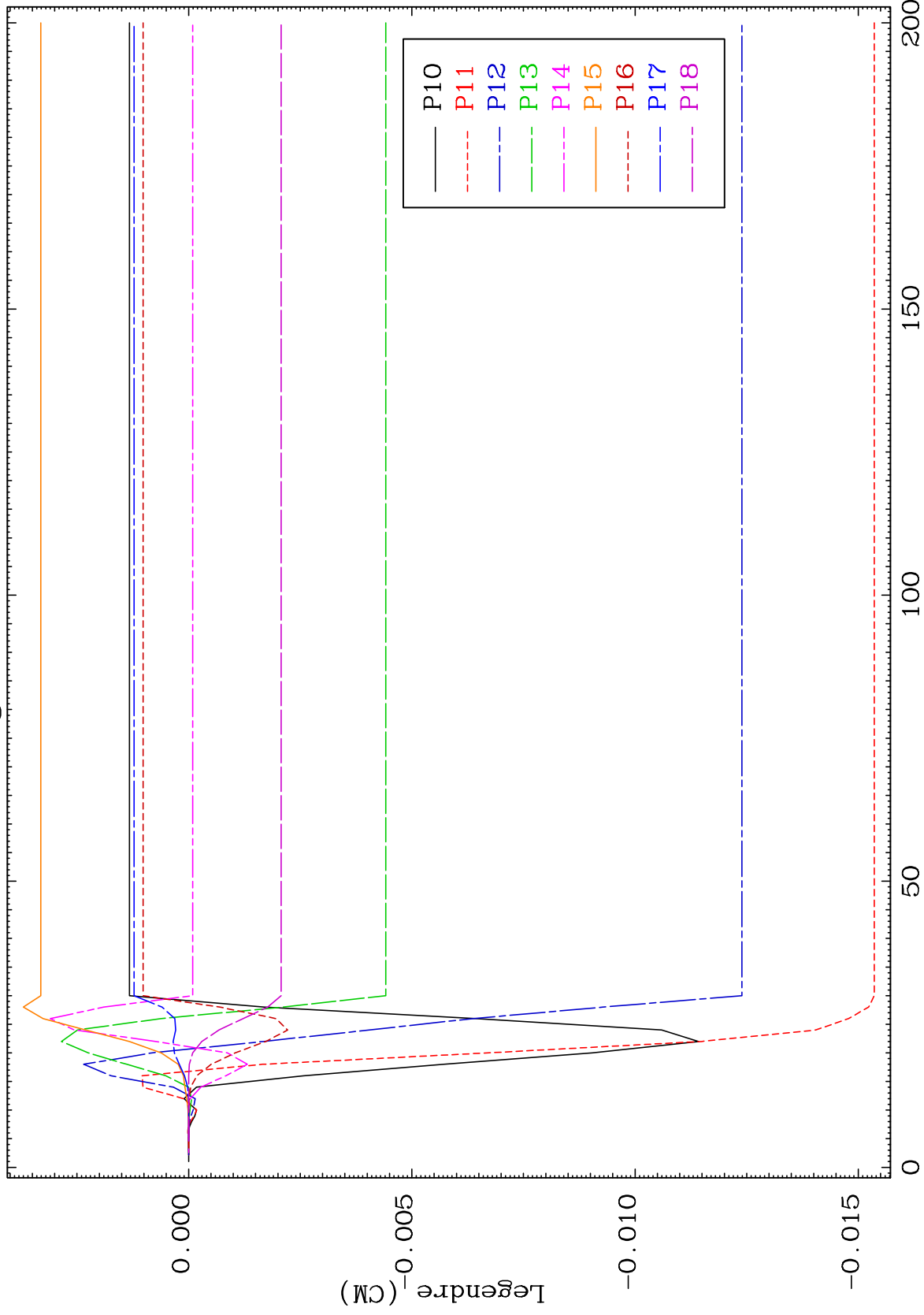
Incident Energy (MeV)

81

MAT 7722

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

77-Ir-190



82

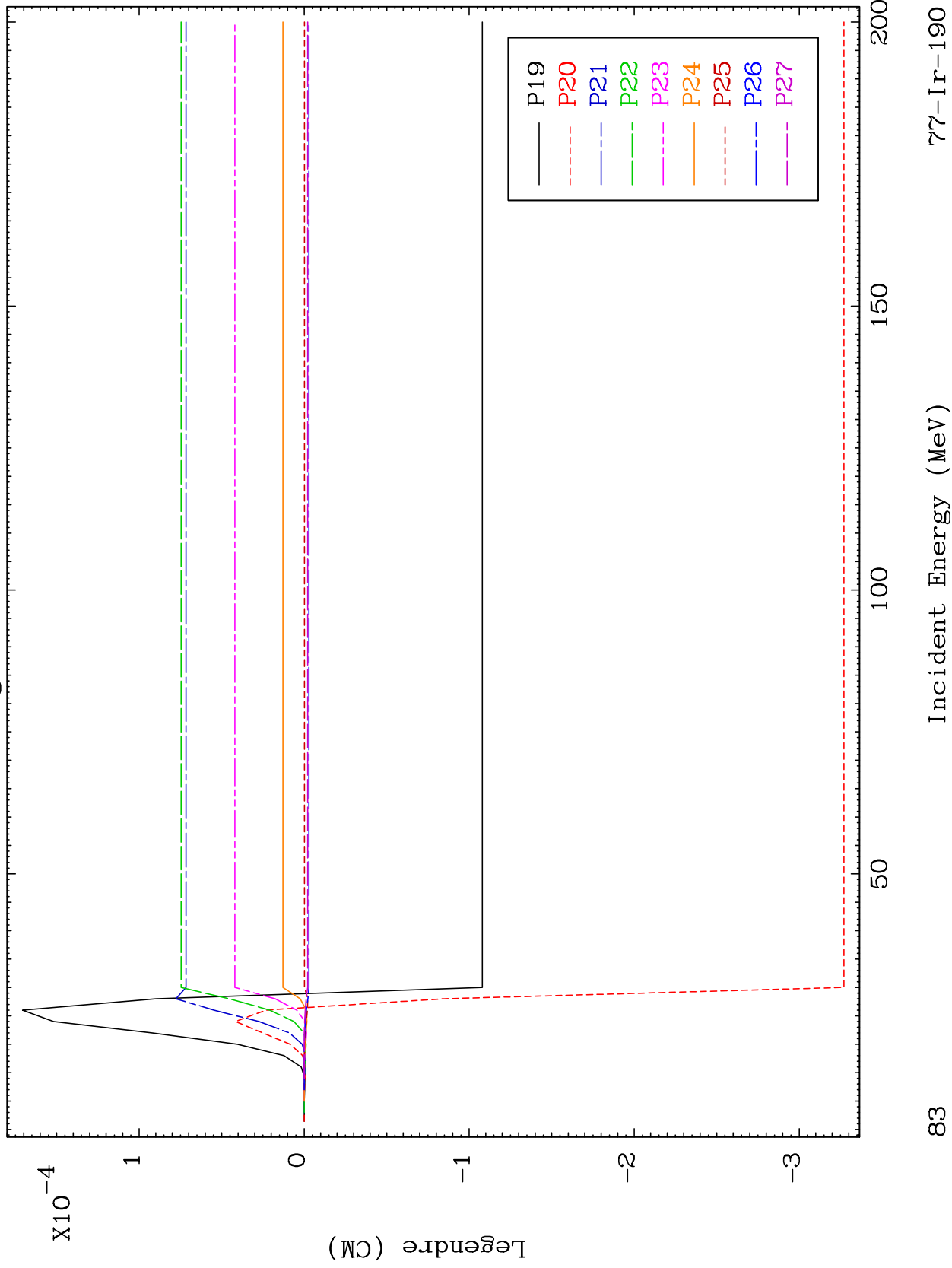
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

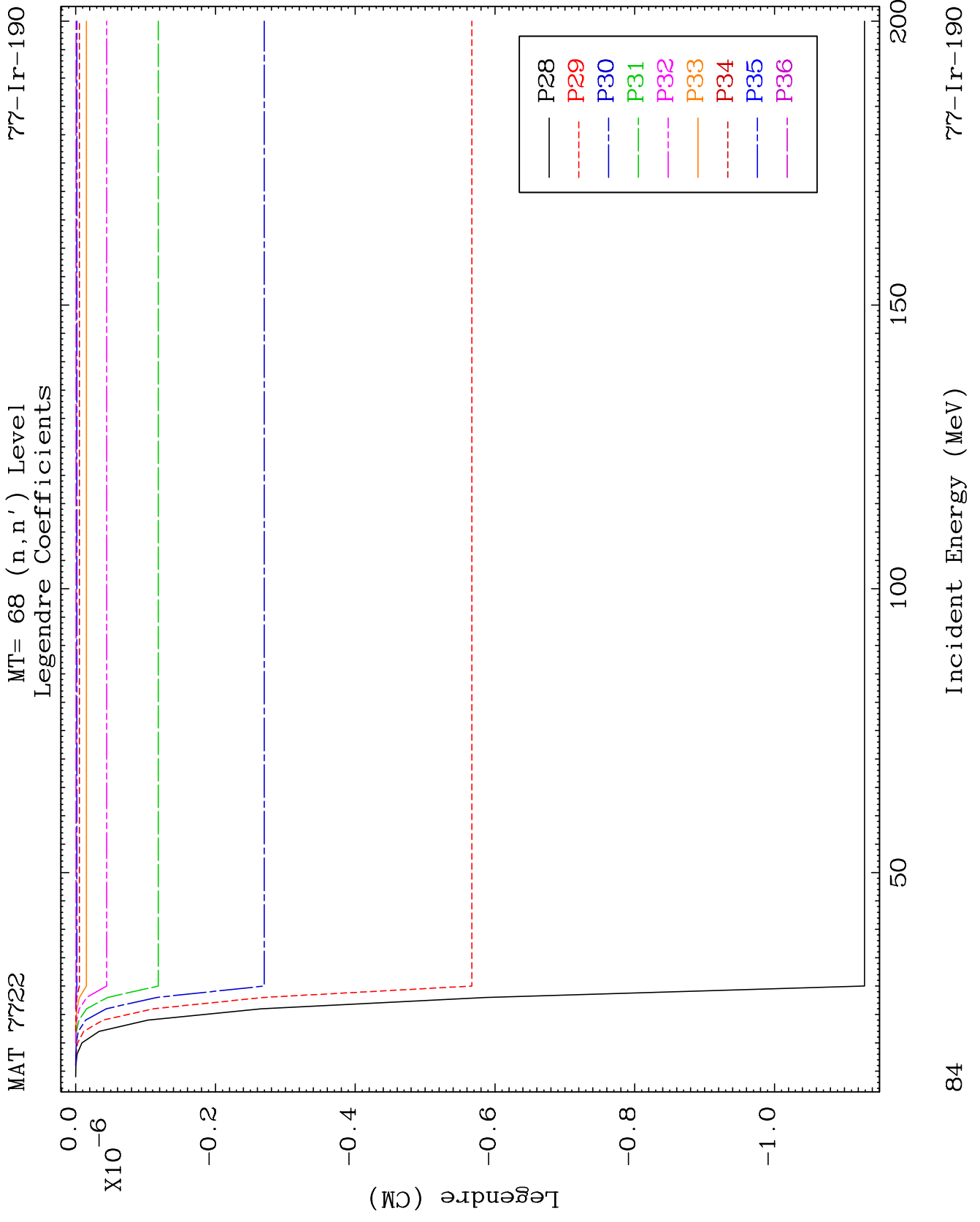
77-Ir-190

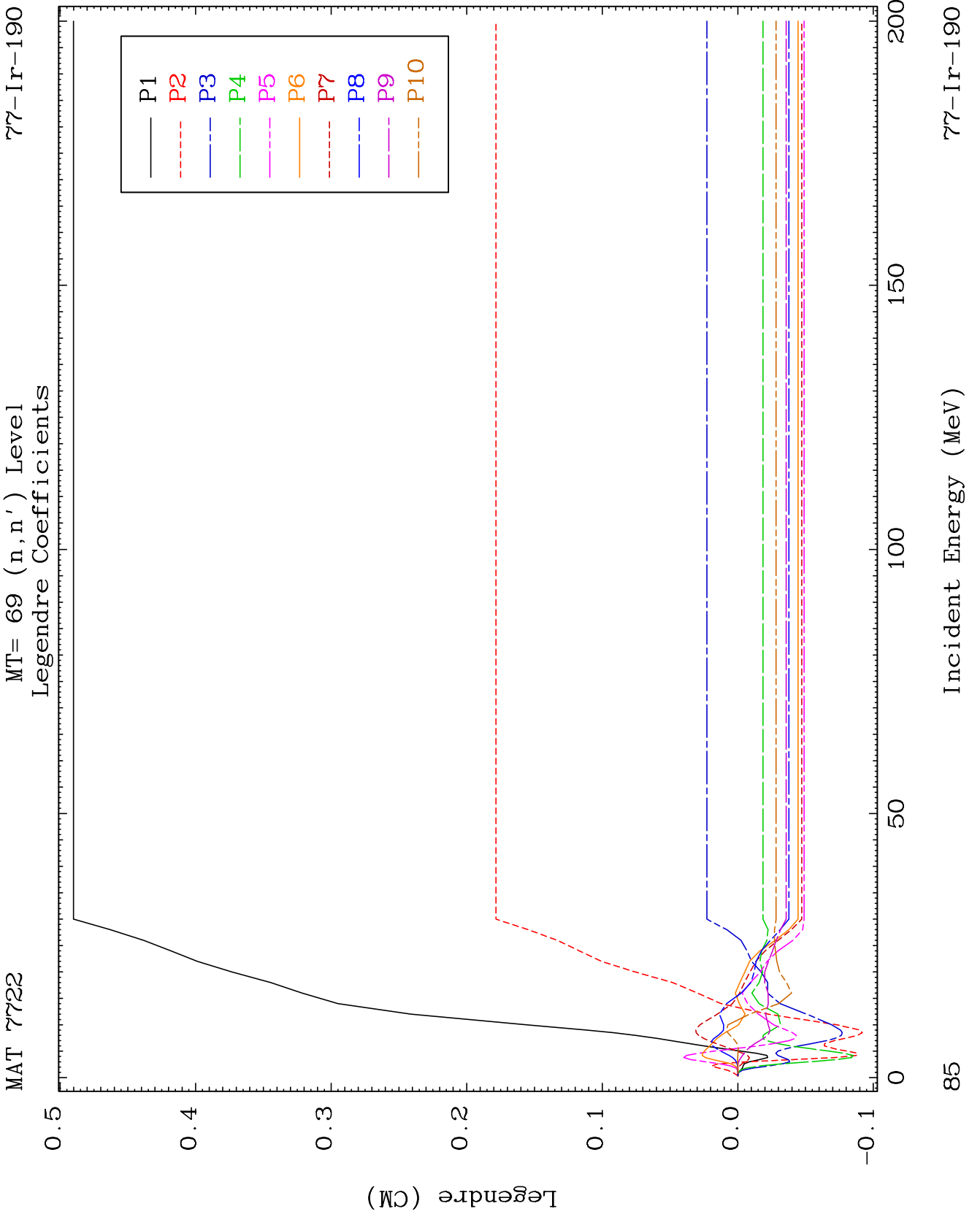


83

Incident Energy (MeV)

77-Ir-190

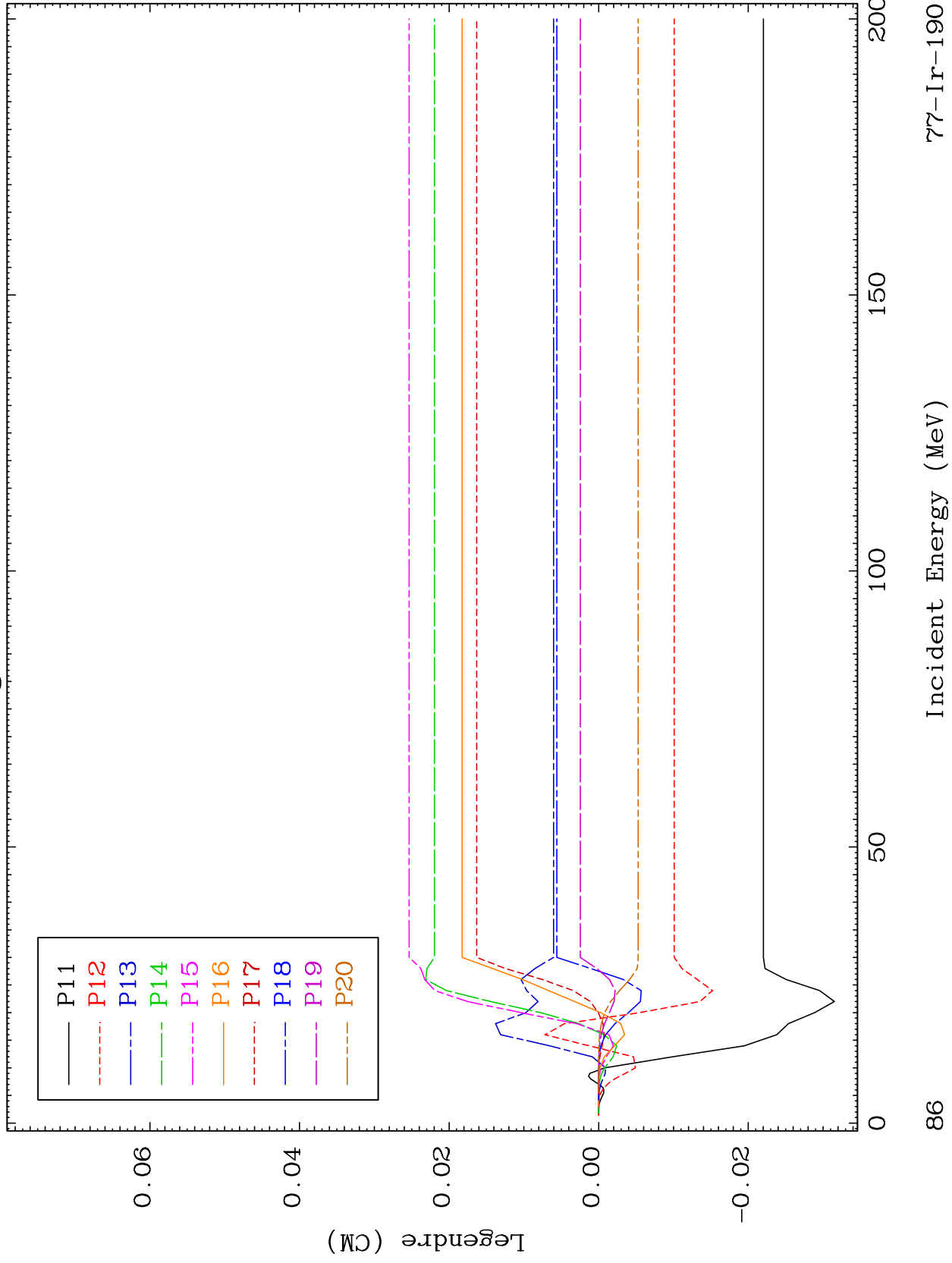




MAT 7722

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

77-Ir-190



77-Ir-190

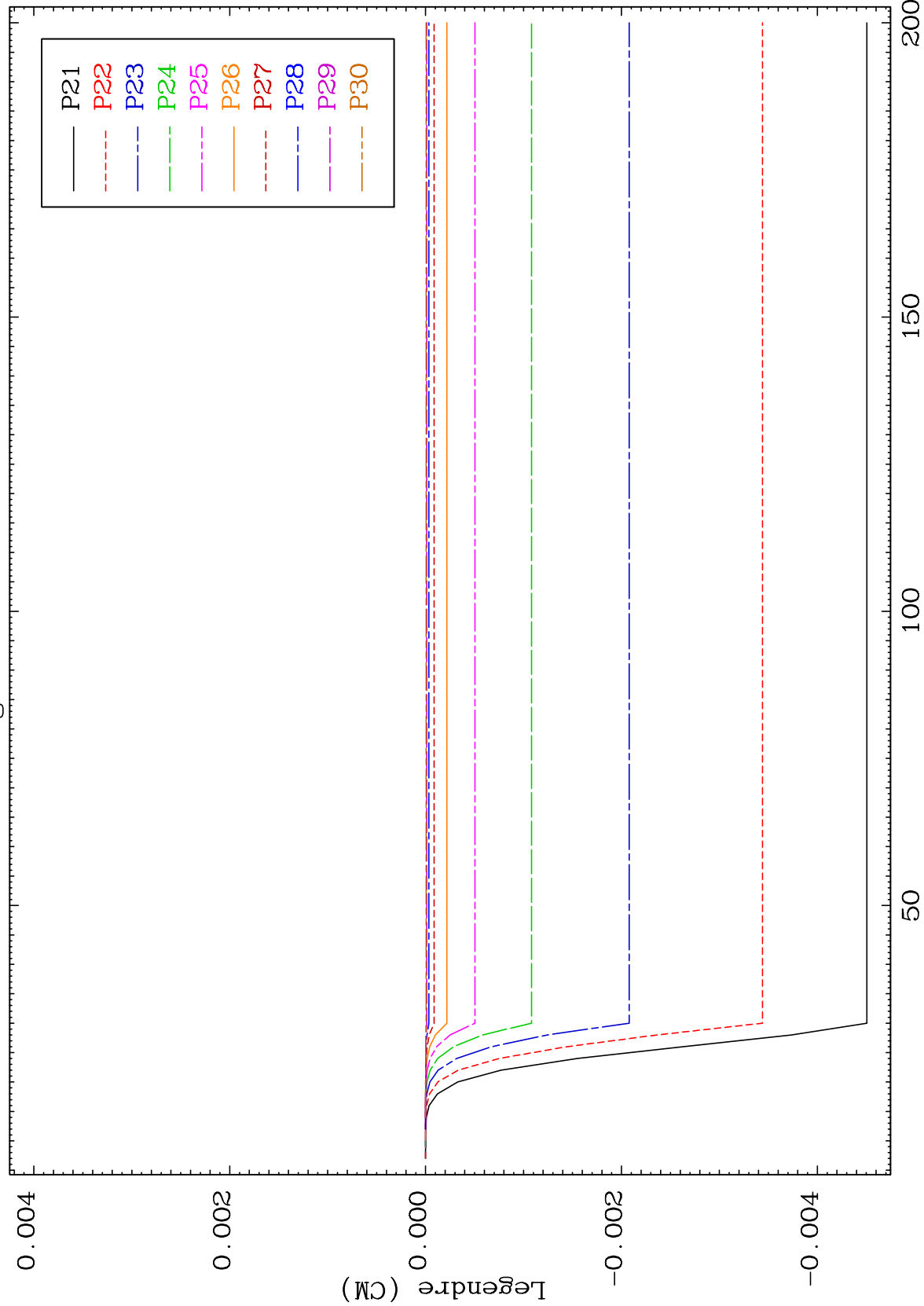
Incident Energy (MeV)

86

MAT 7722

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

77-Ir-190

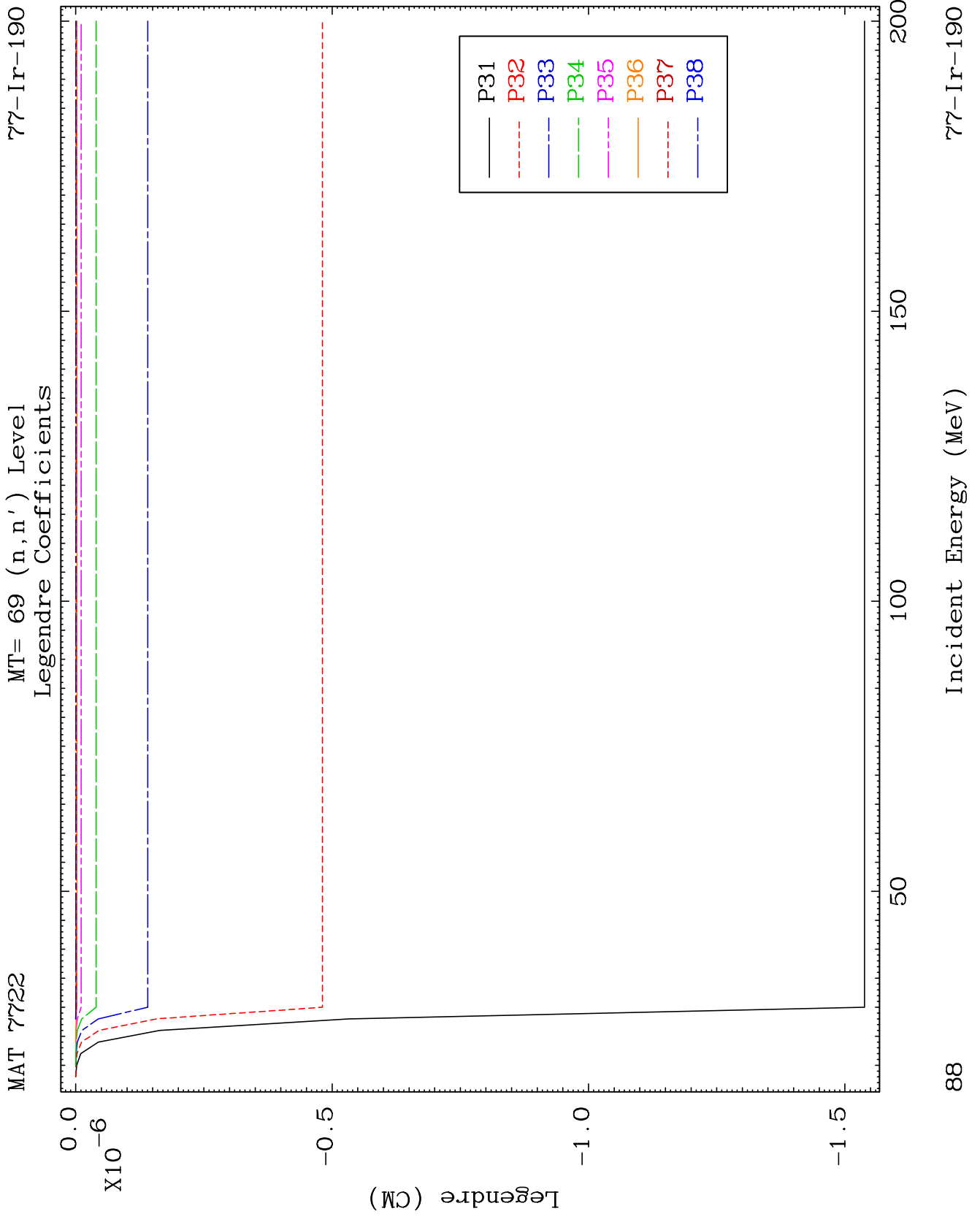


87

Incident Energy (MeV)

77-Ir-190



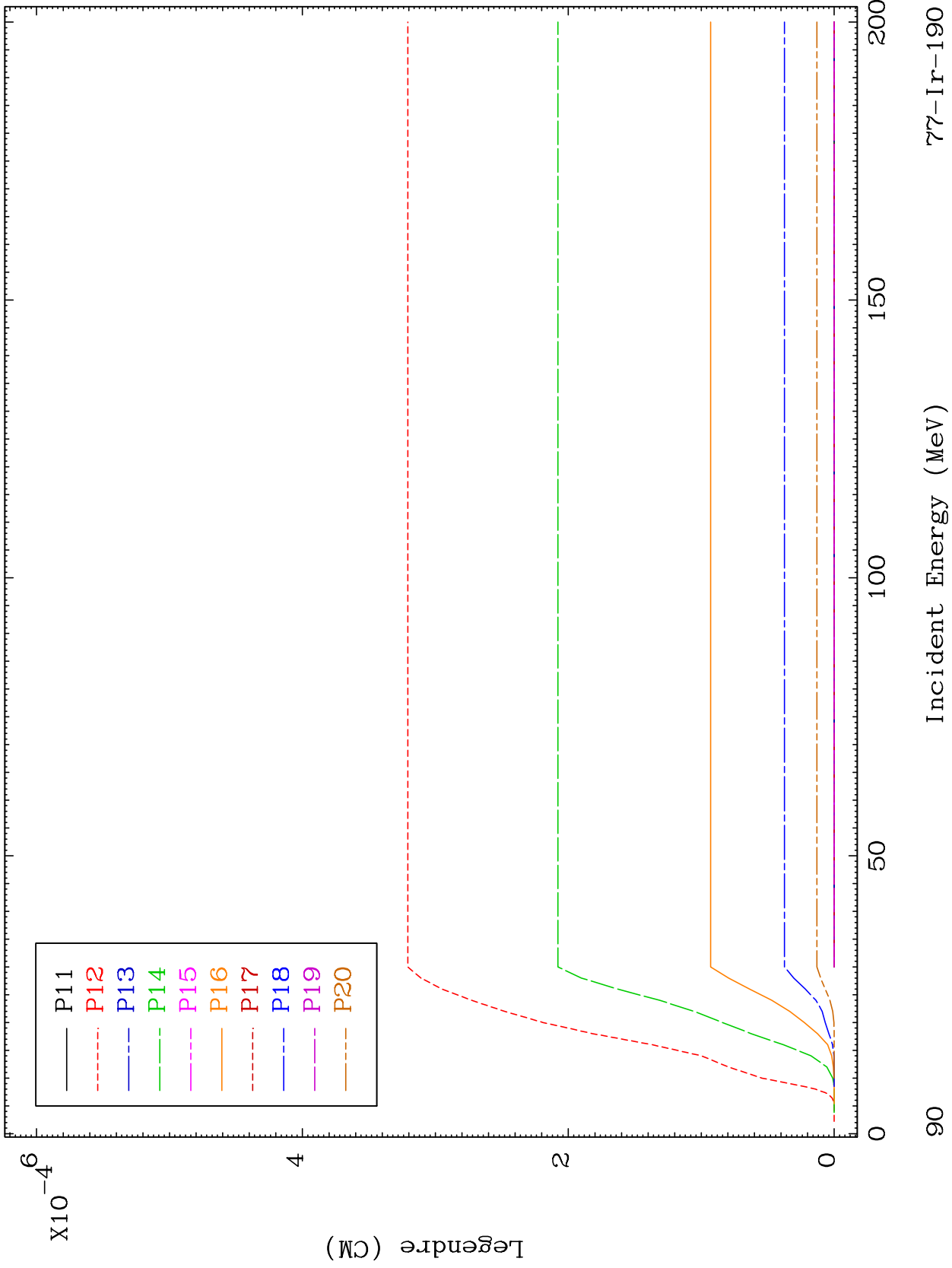


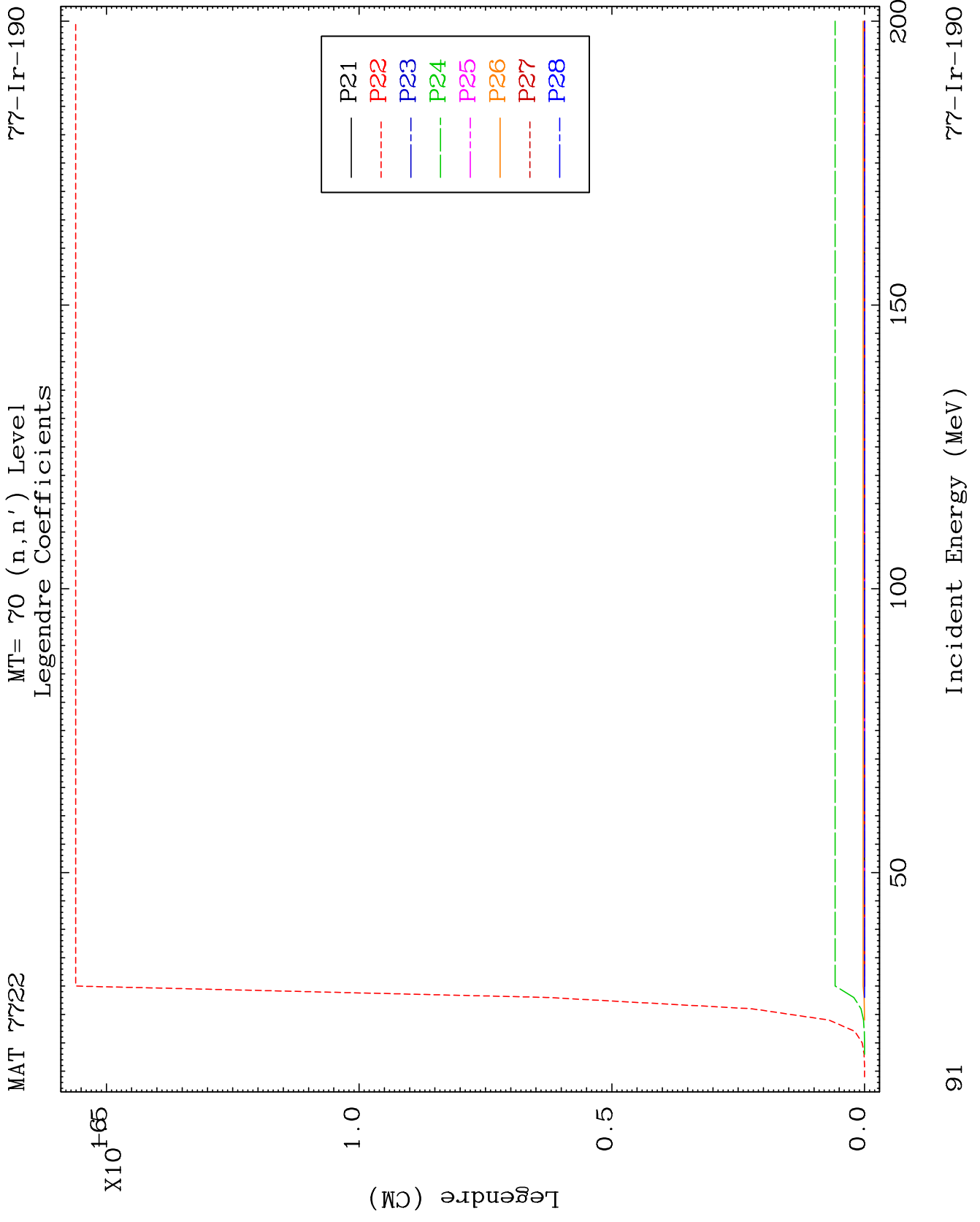


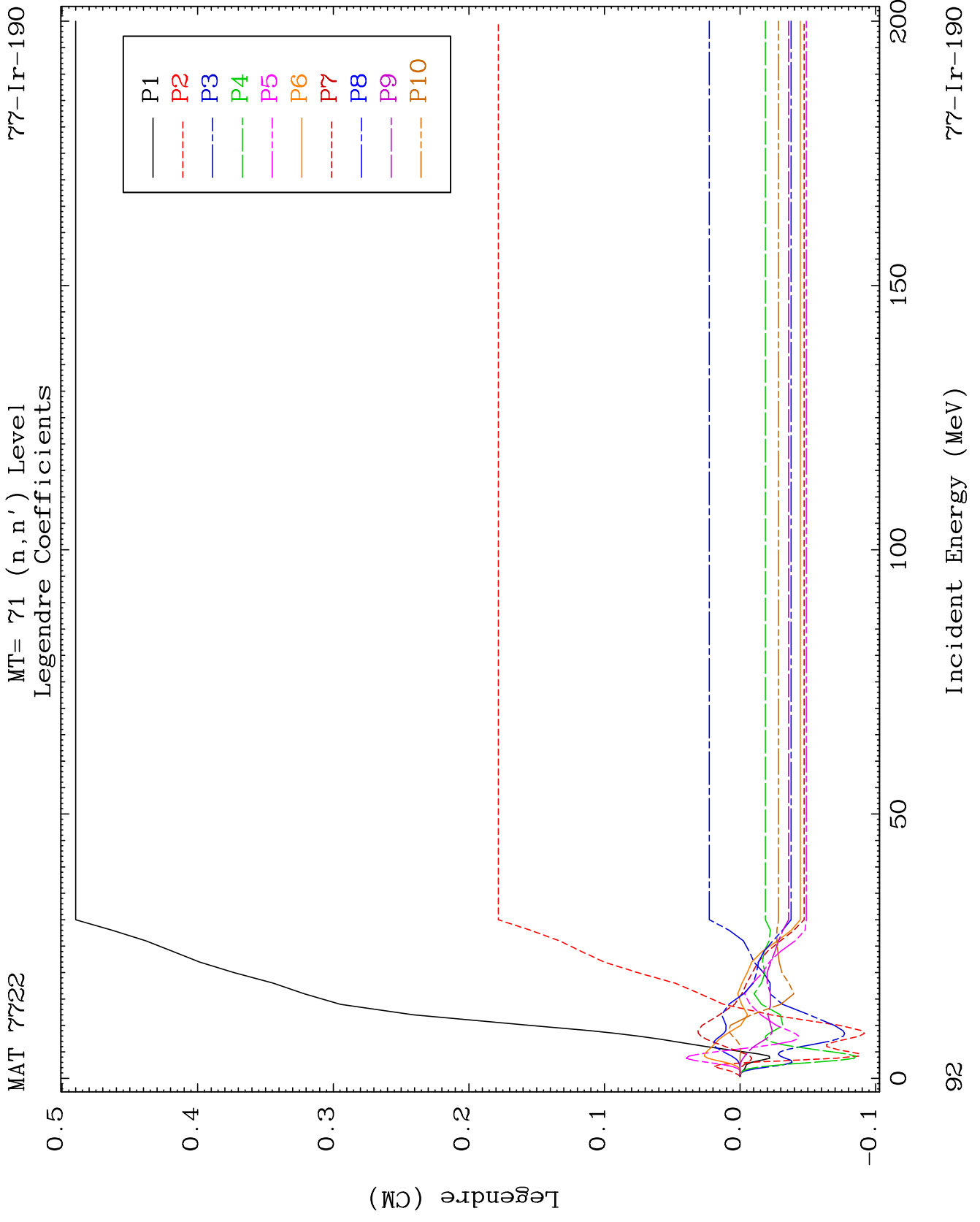
MAT 7722

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

77-Ir-190



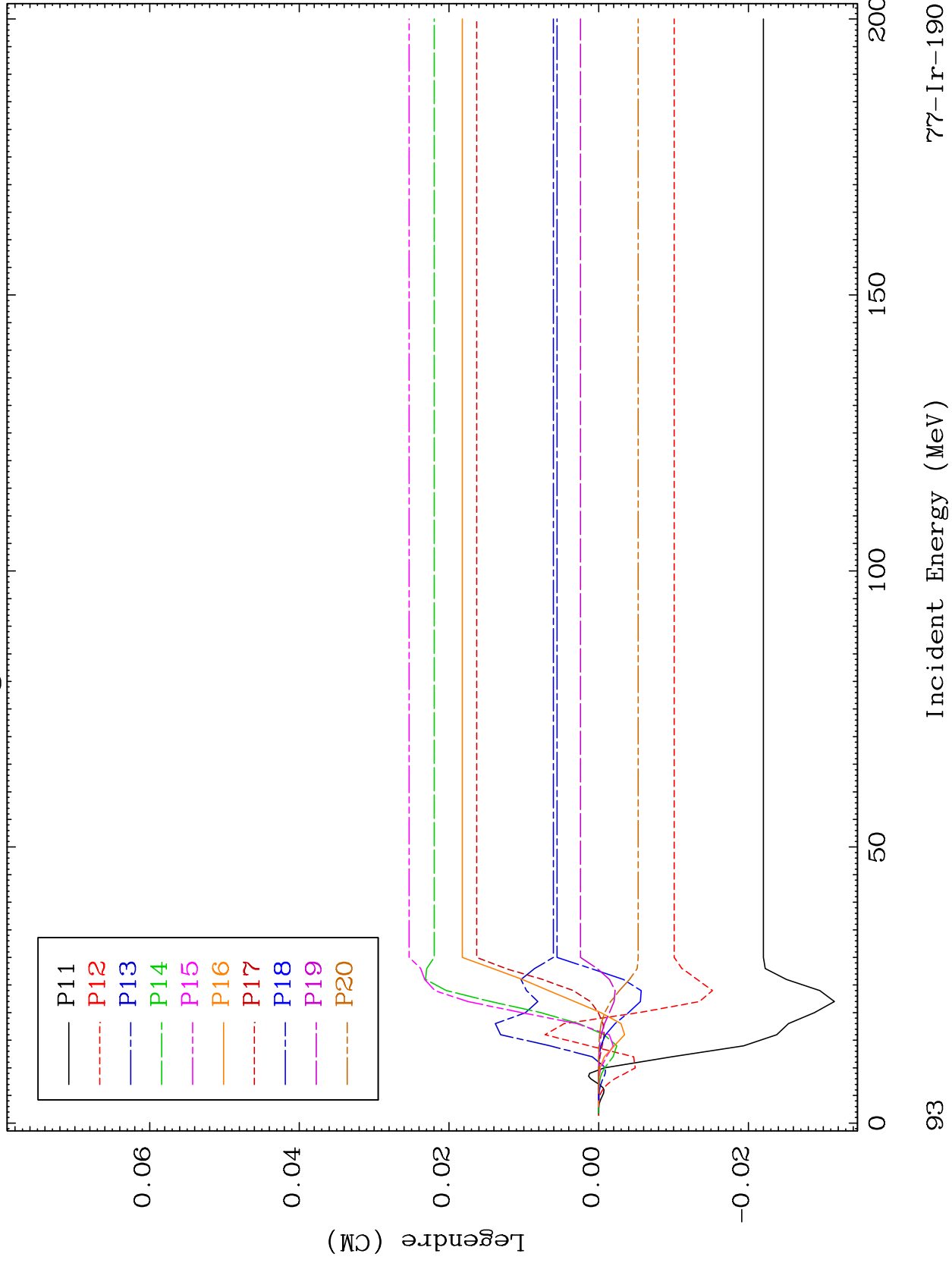




MAT 7722

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

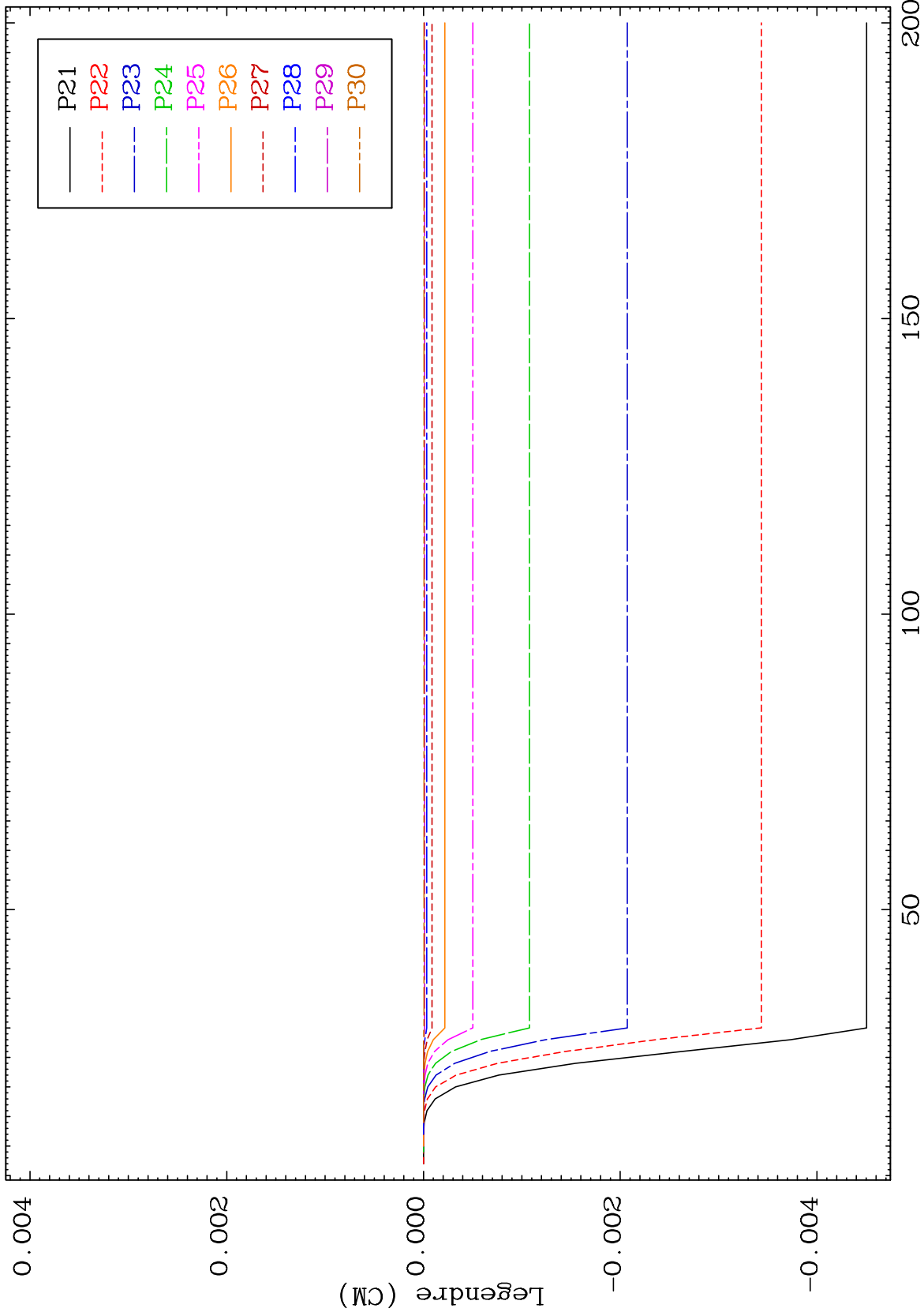
77-Ir-190

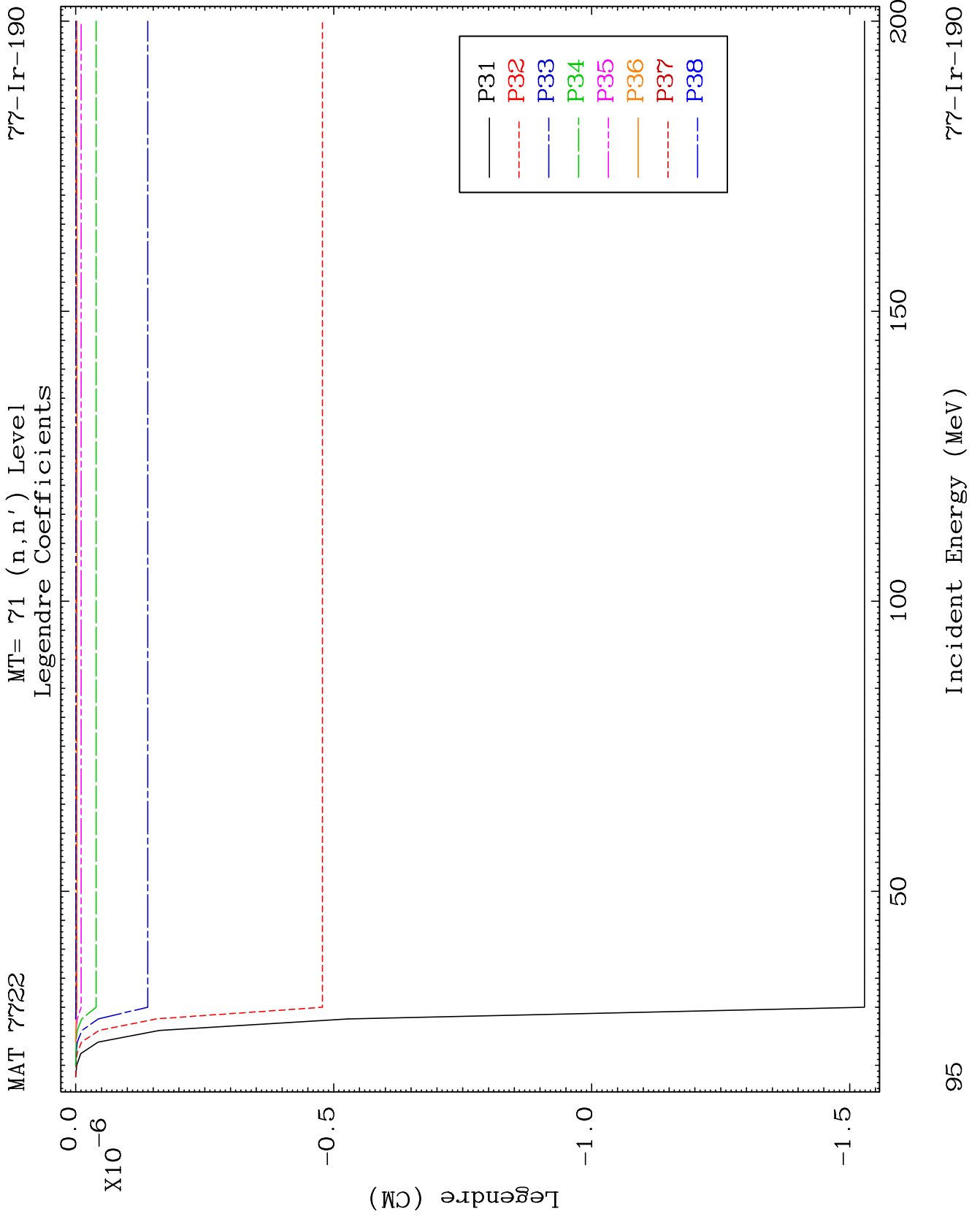


MAT 7722

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

77-Ir-190



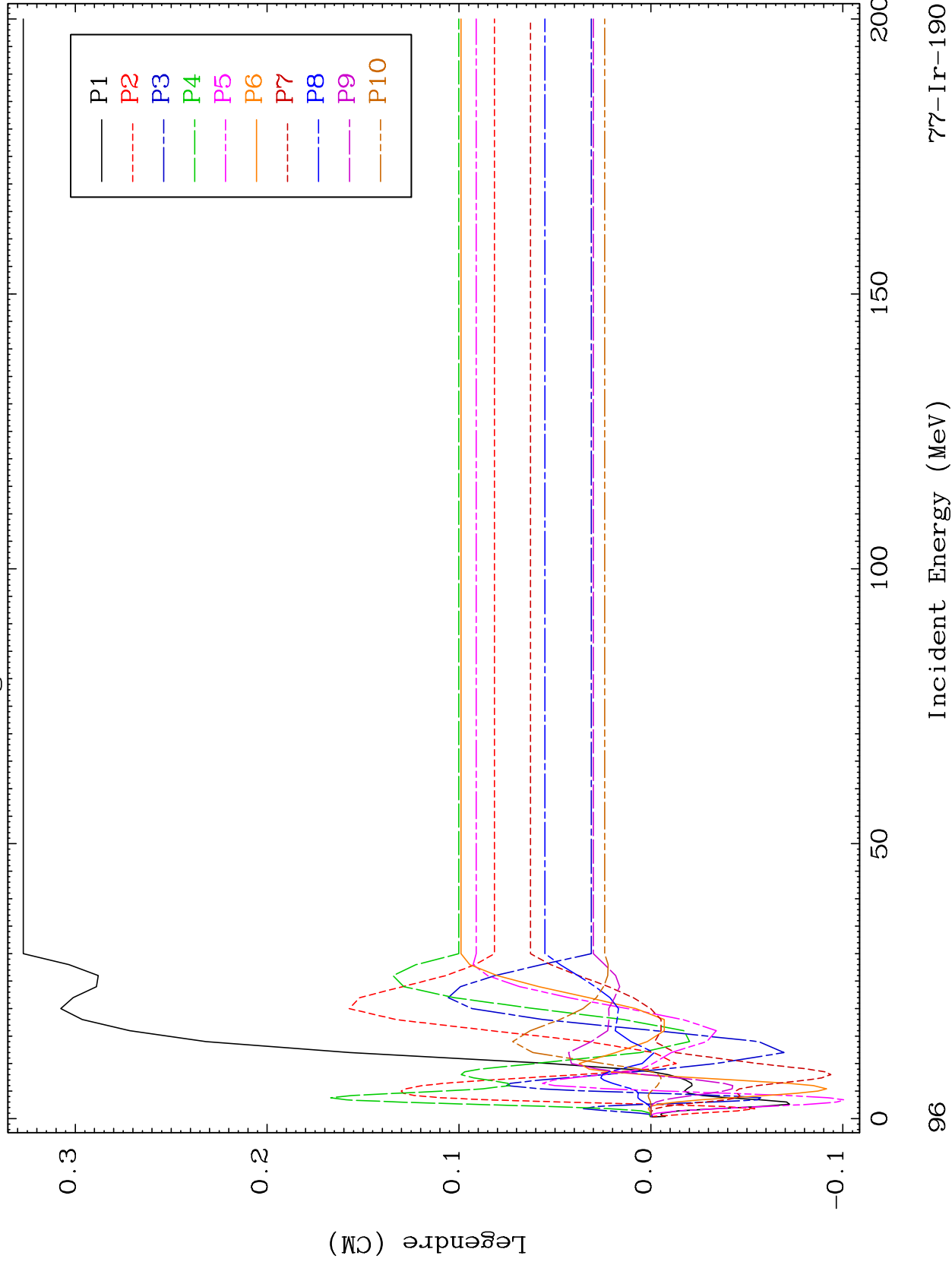




MAT 7722

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

77-Ir-190



77-Ir-190

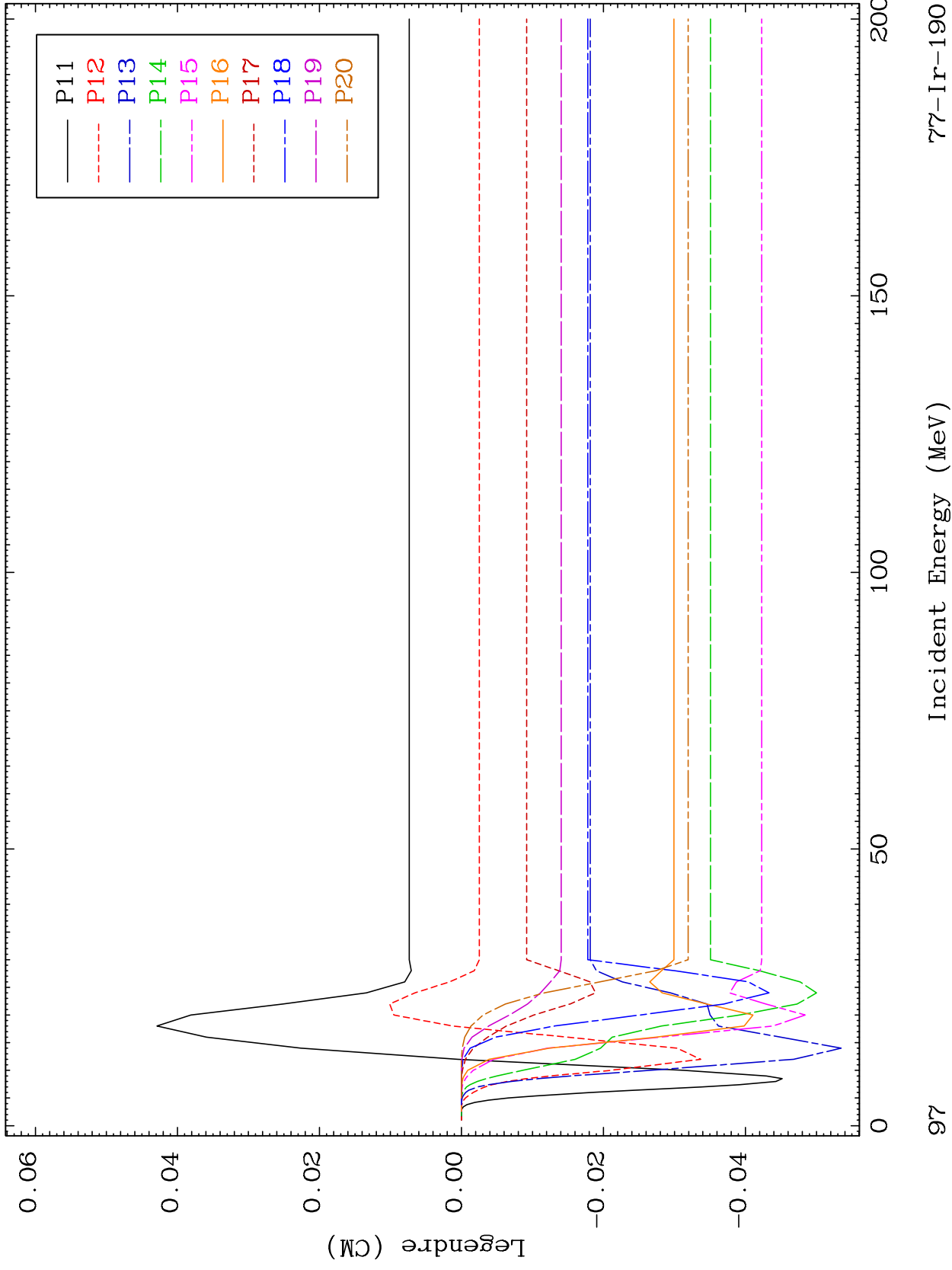
Incident Energy (MeV)

96

MAT 7722

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

77-Ir-190



77-Ir-190

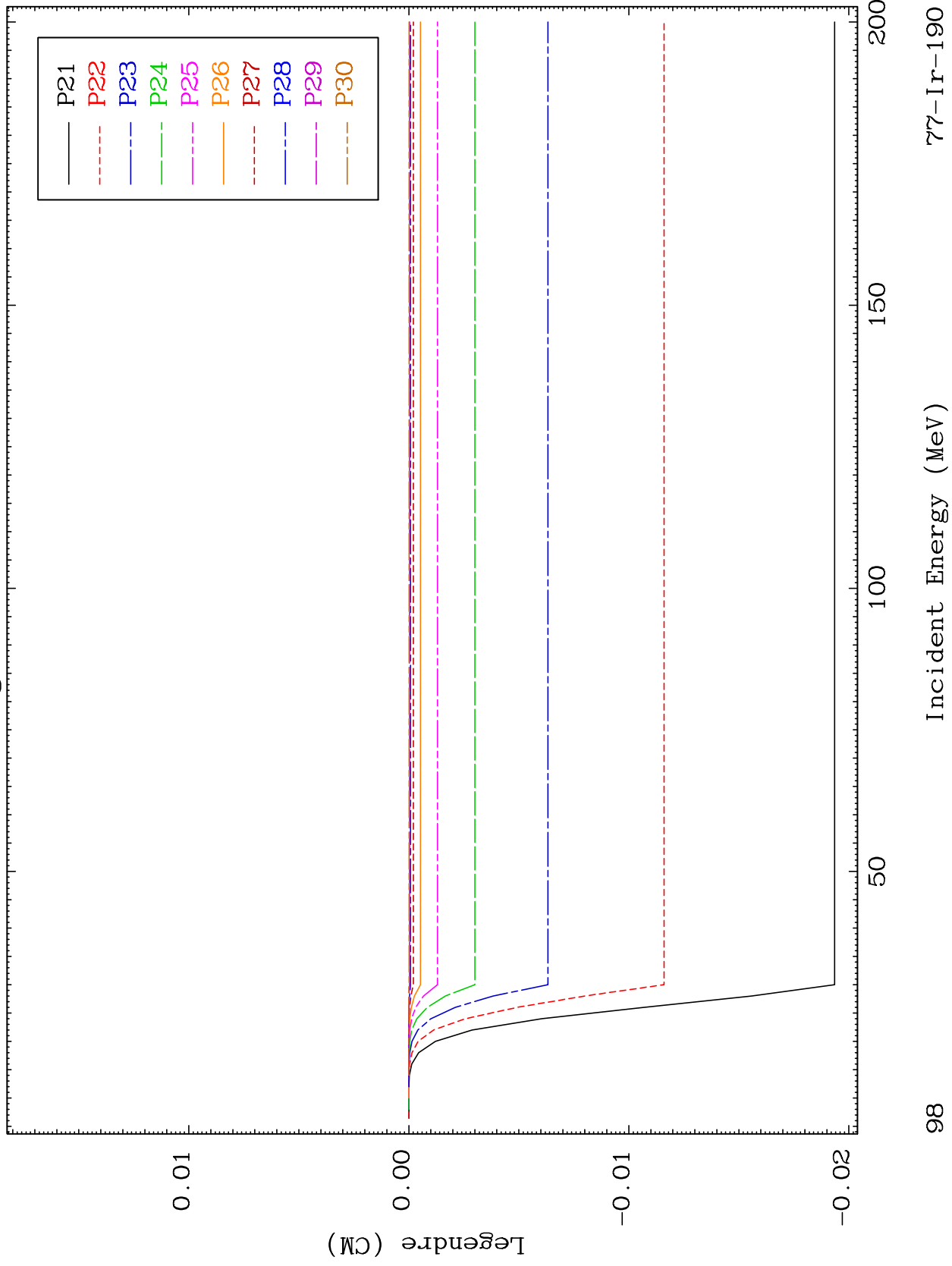
Incident Energy (MeV)

97

MAT 7722

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

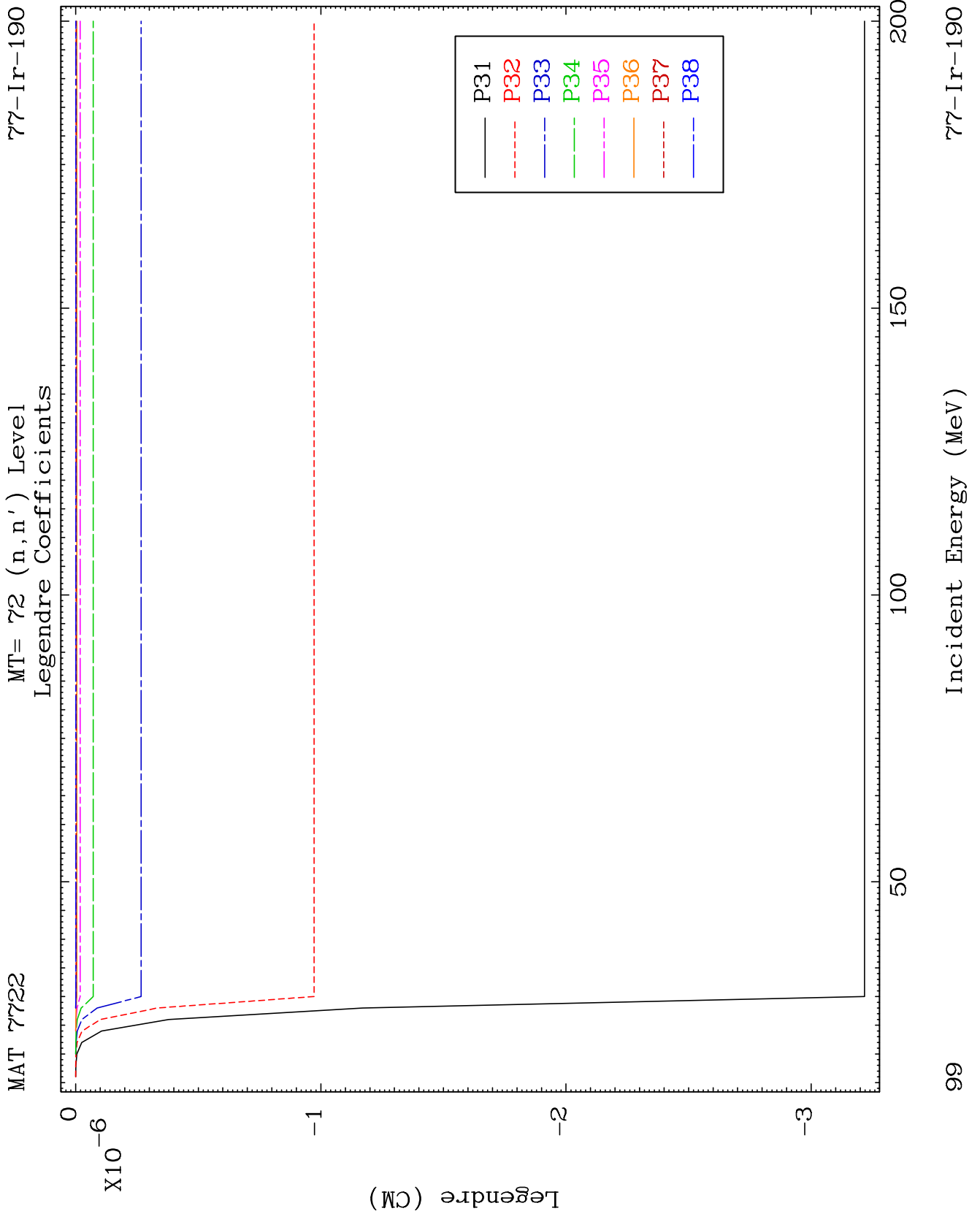
77-Ir-190

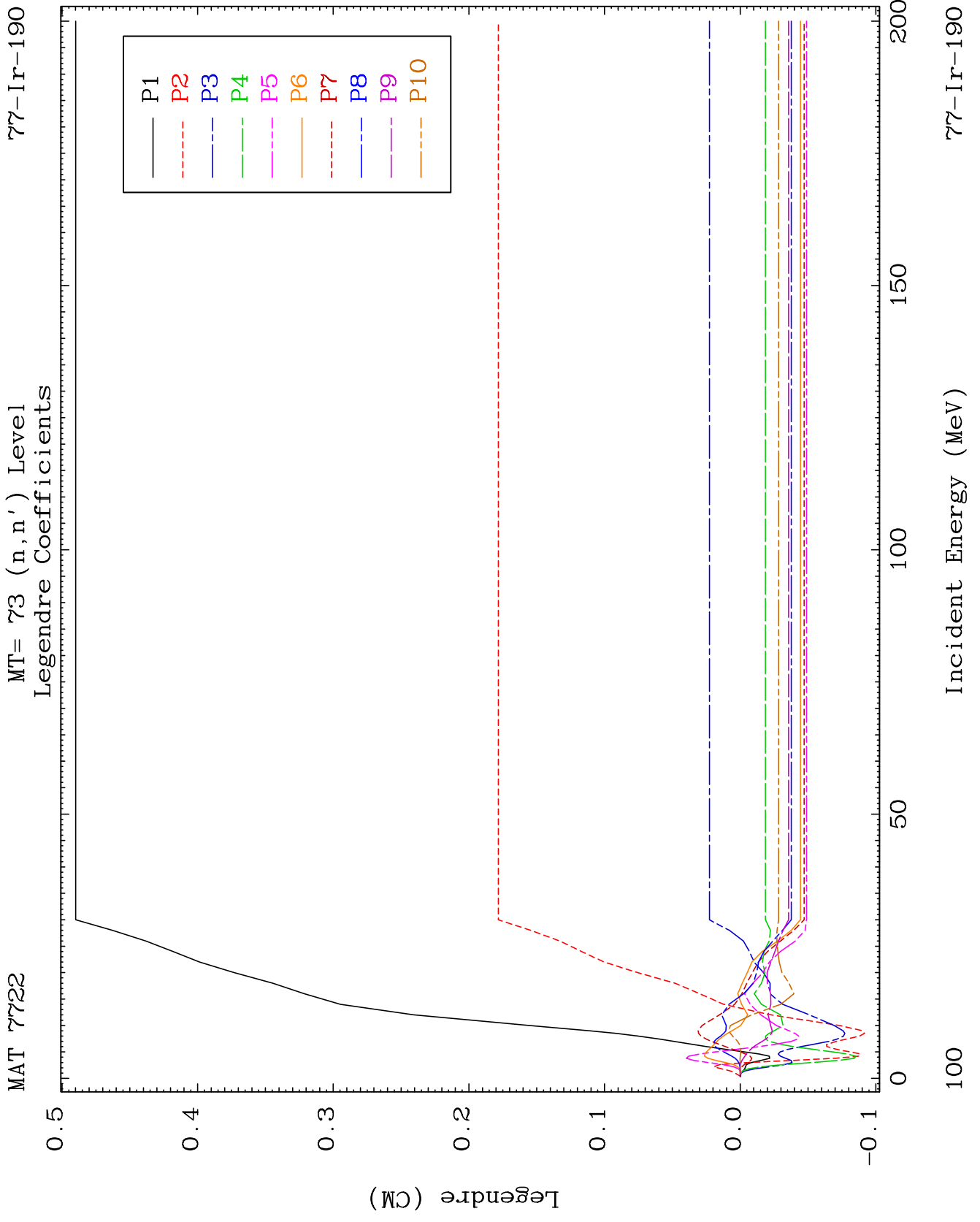


98

Incident Energy (MeV)

77-Ir-190

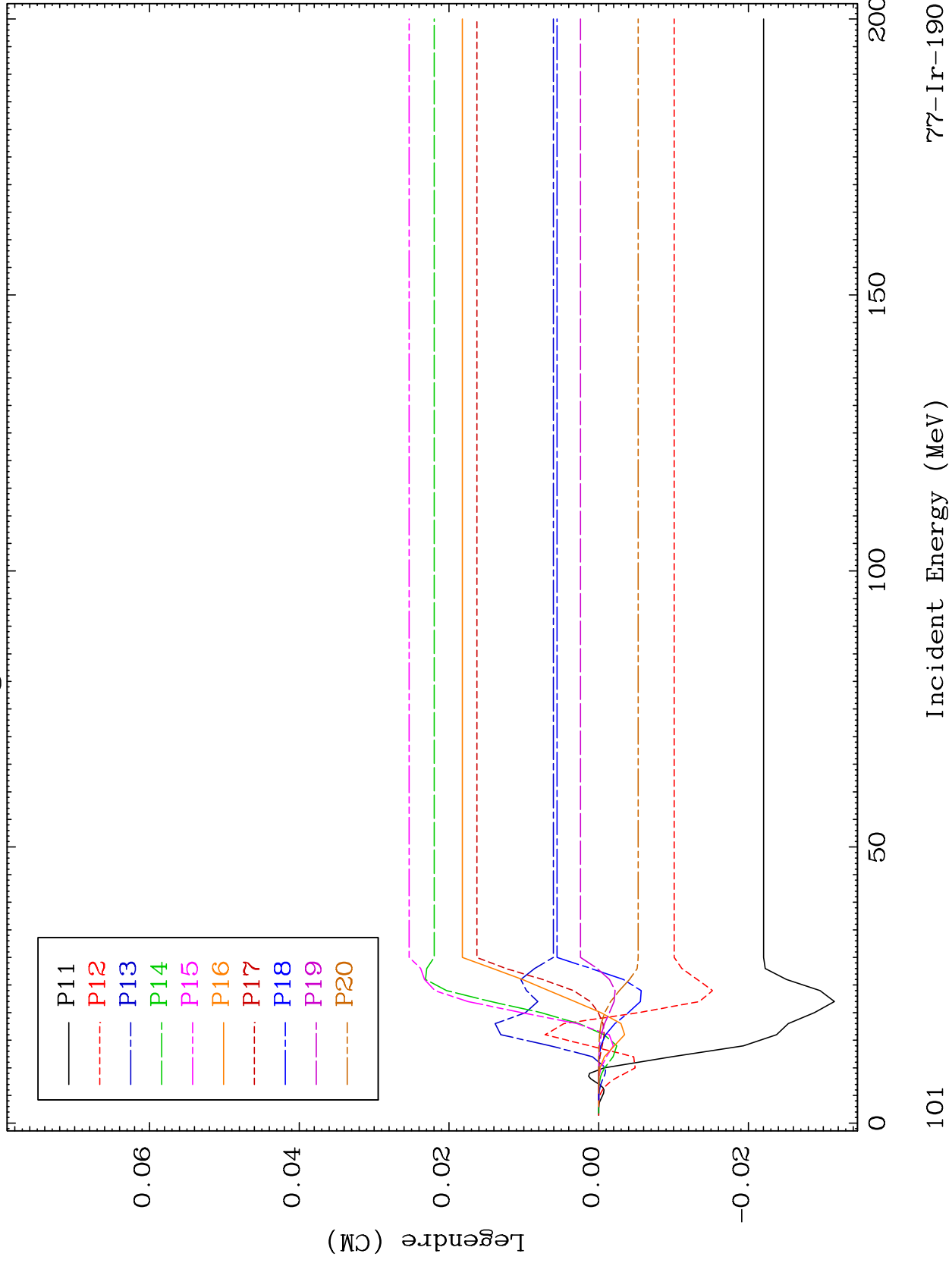




MAT 7722

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

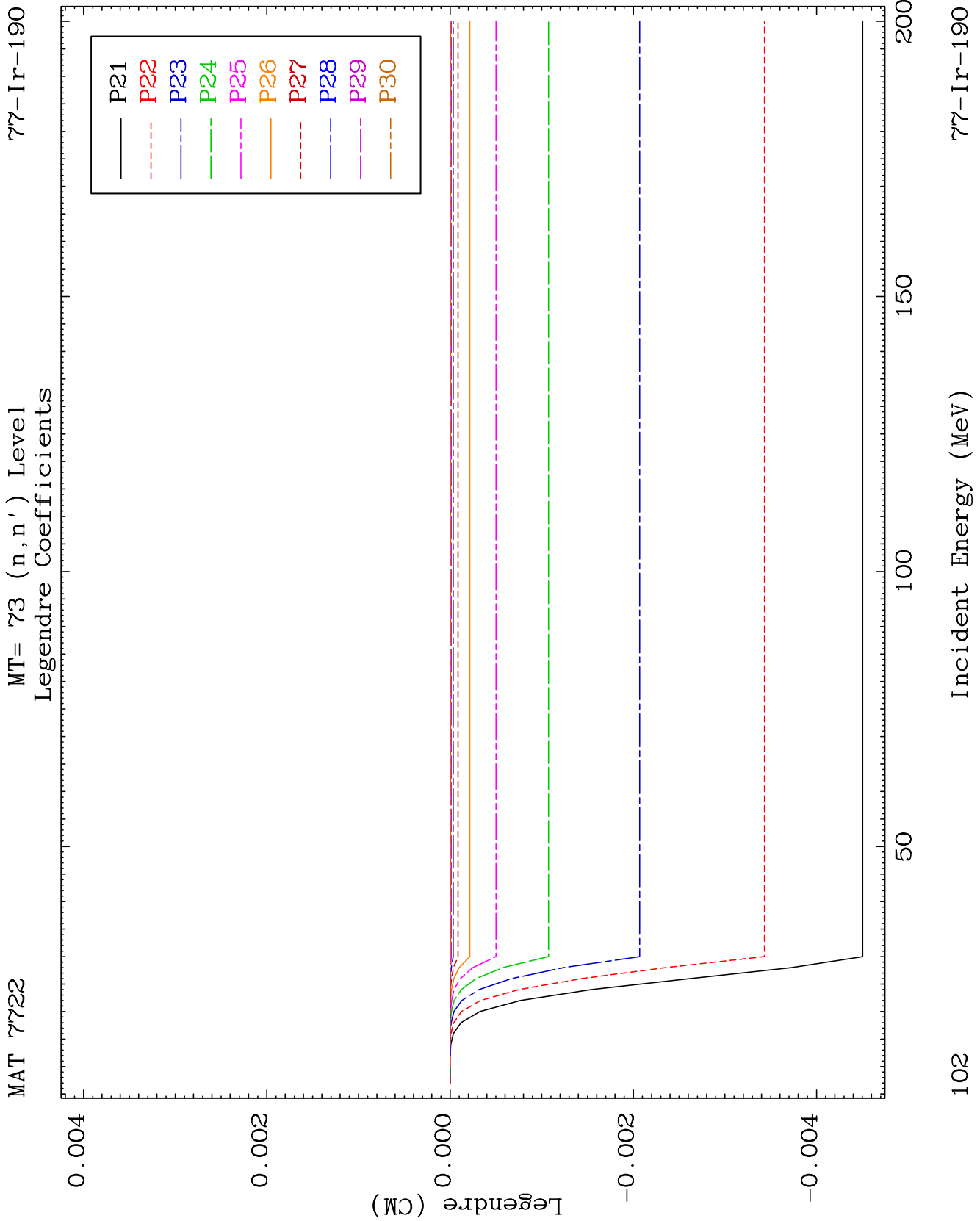
77-Ir-190

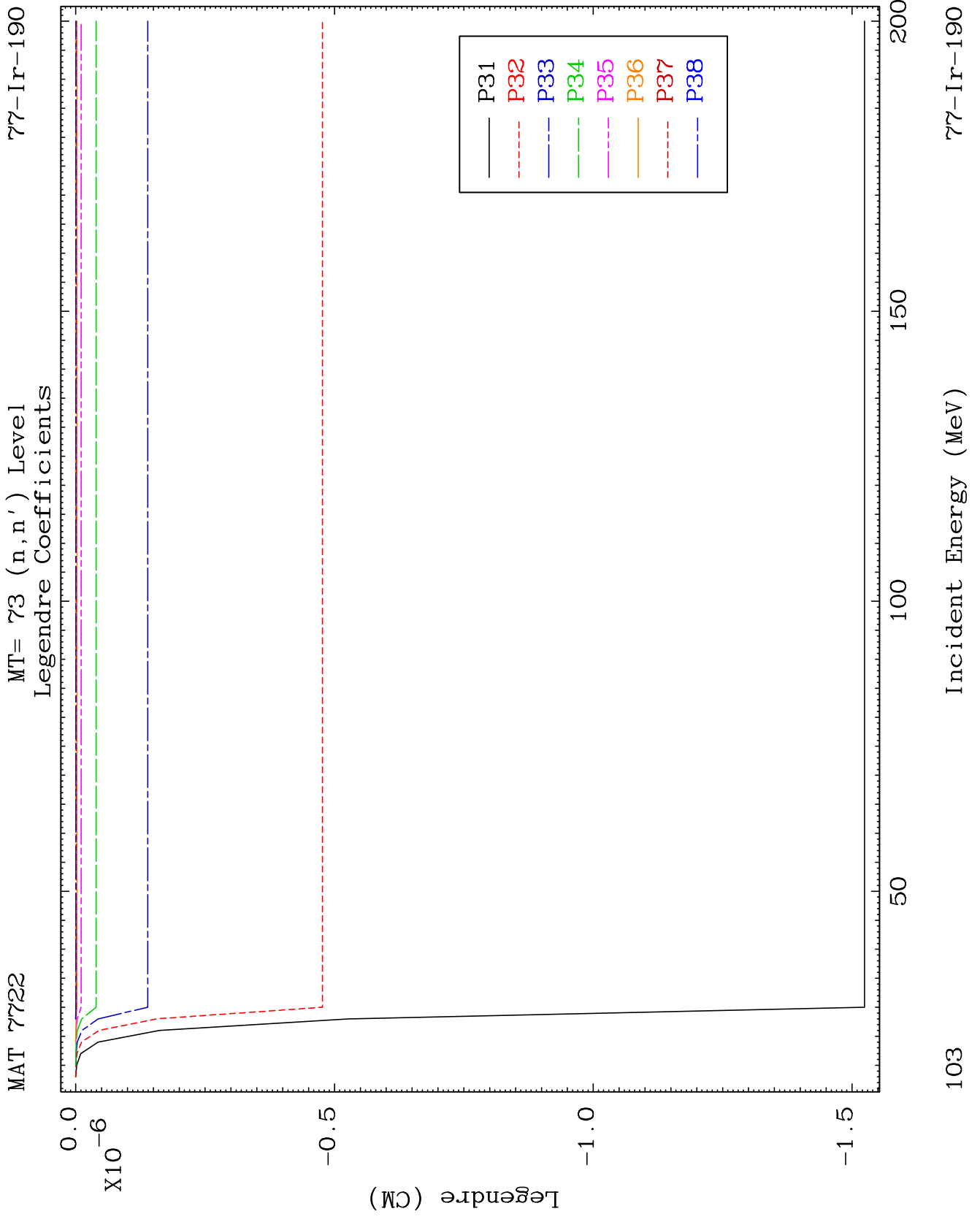


101

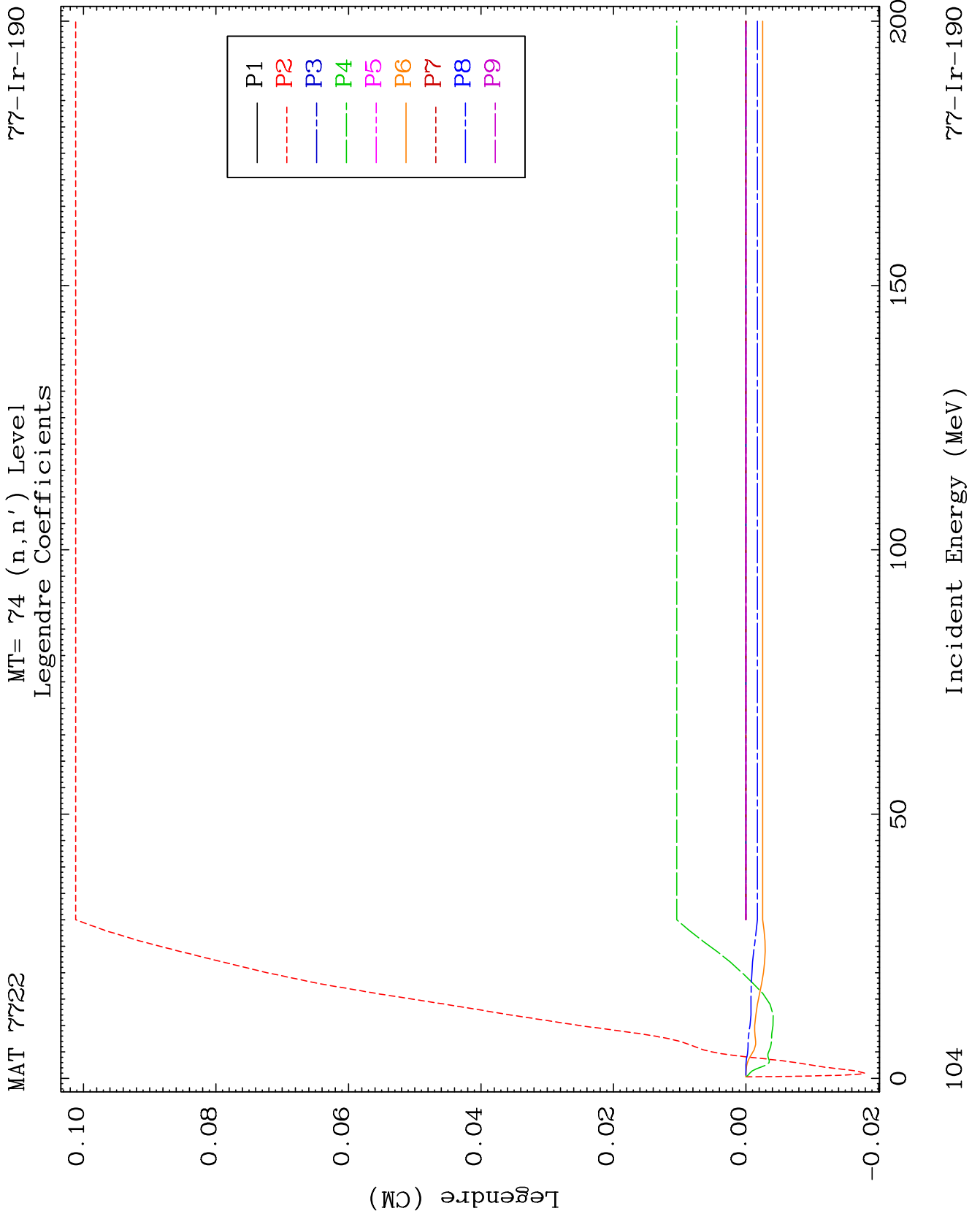
Incident Energy (MeV)

77-Ir-190





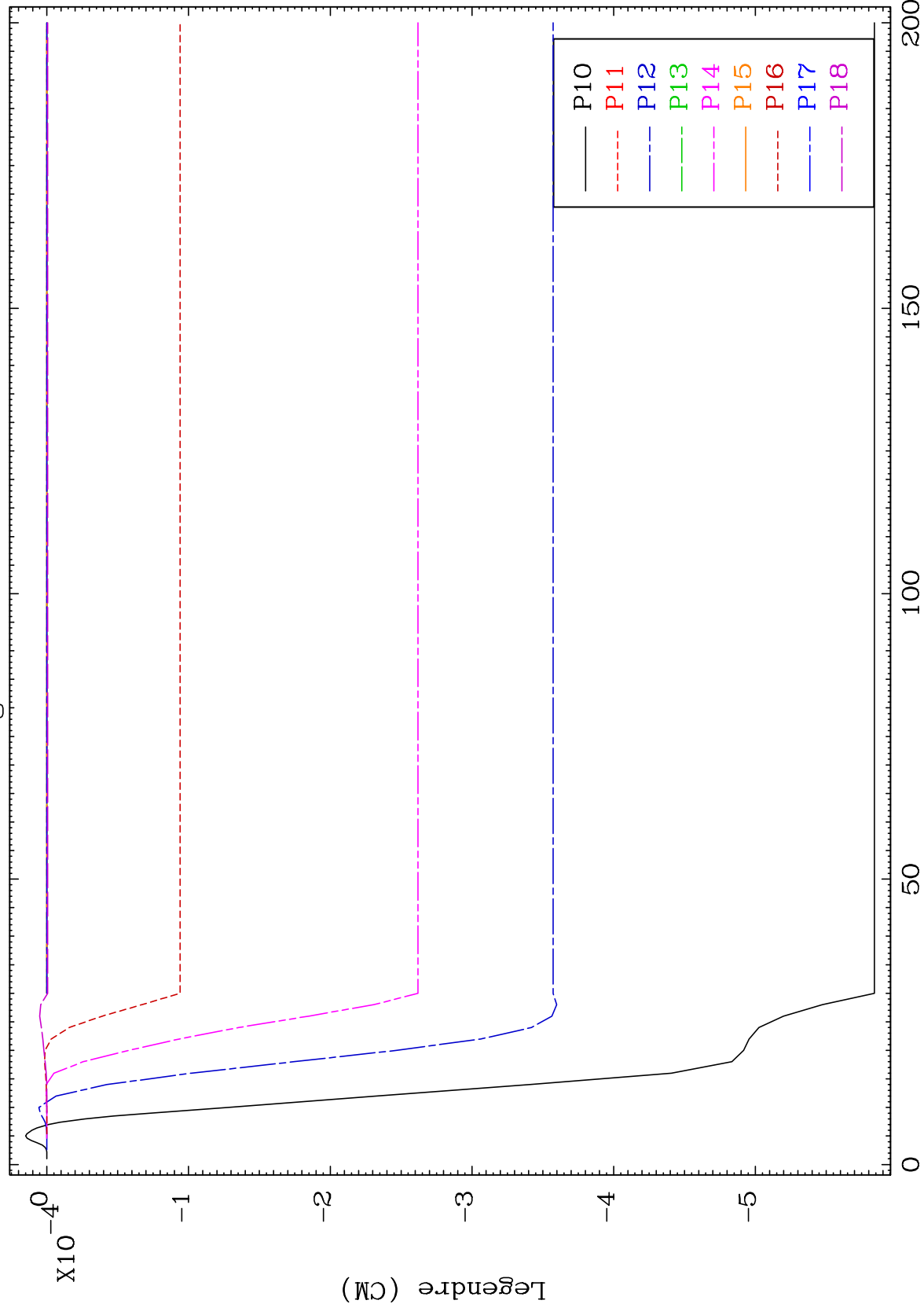




MAT 7722

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

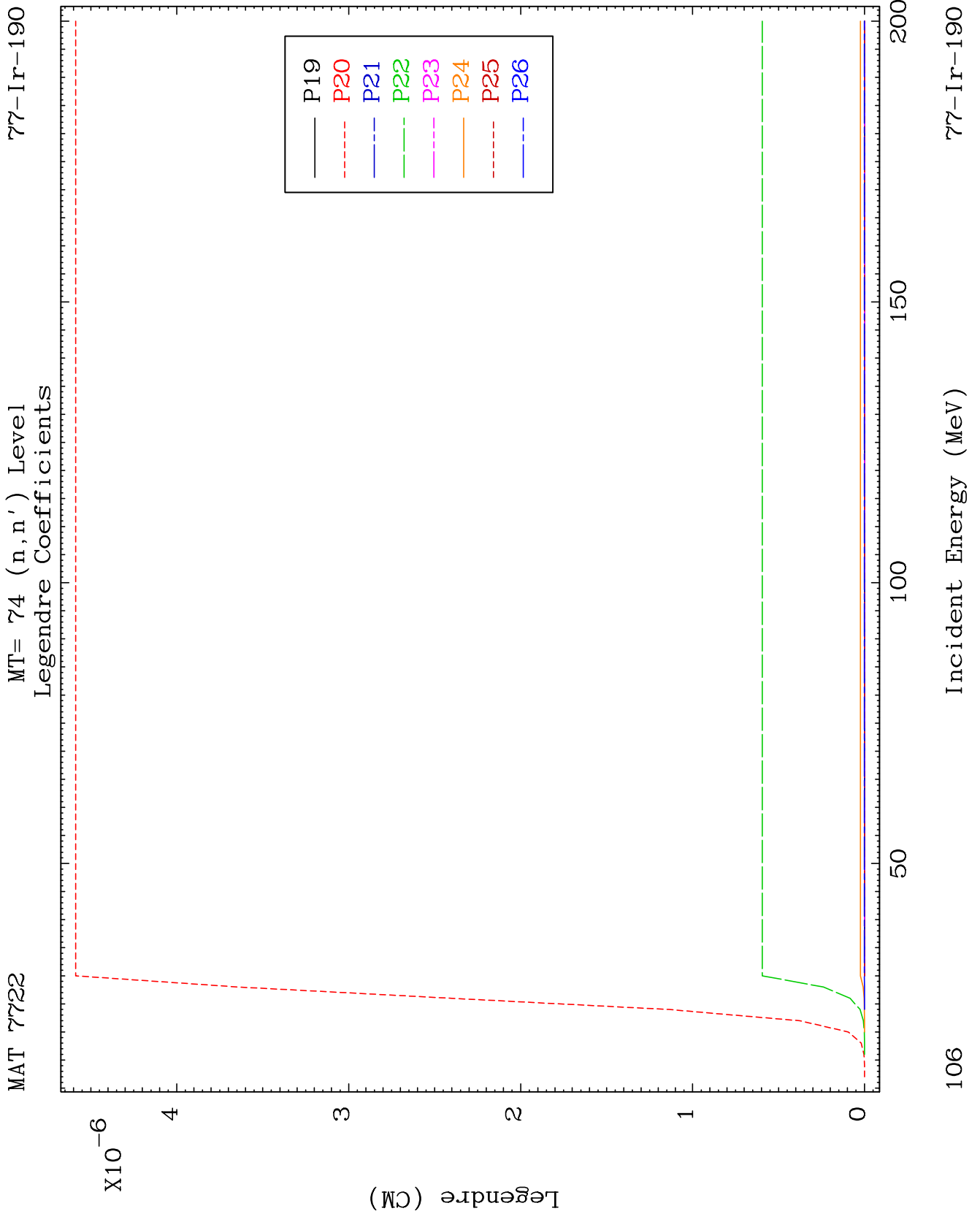
77-Ir-190



105

Incident Energy (MeV)

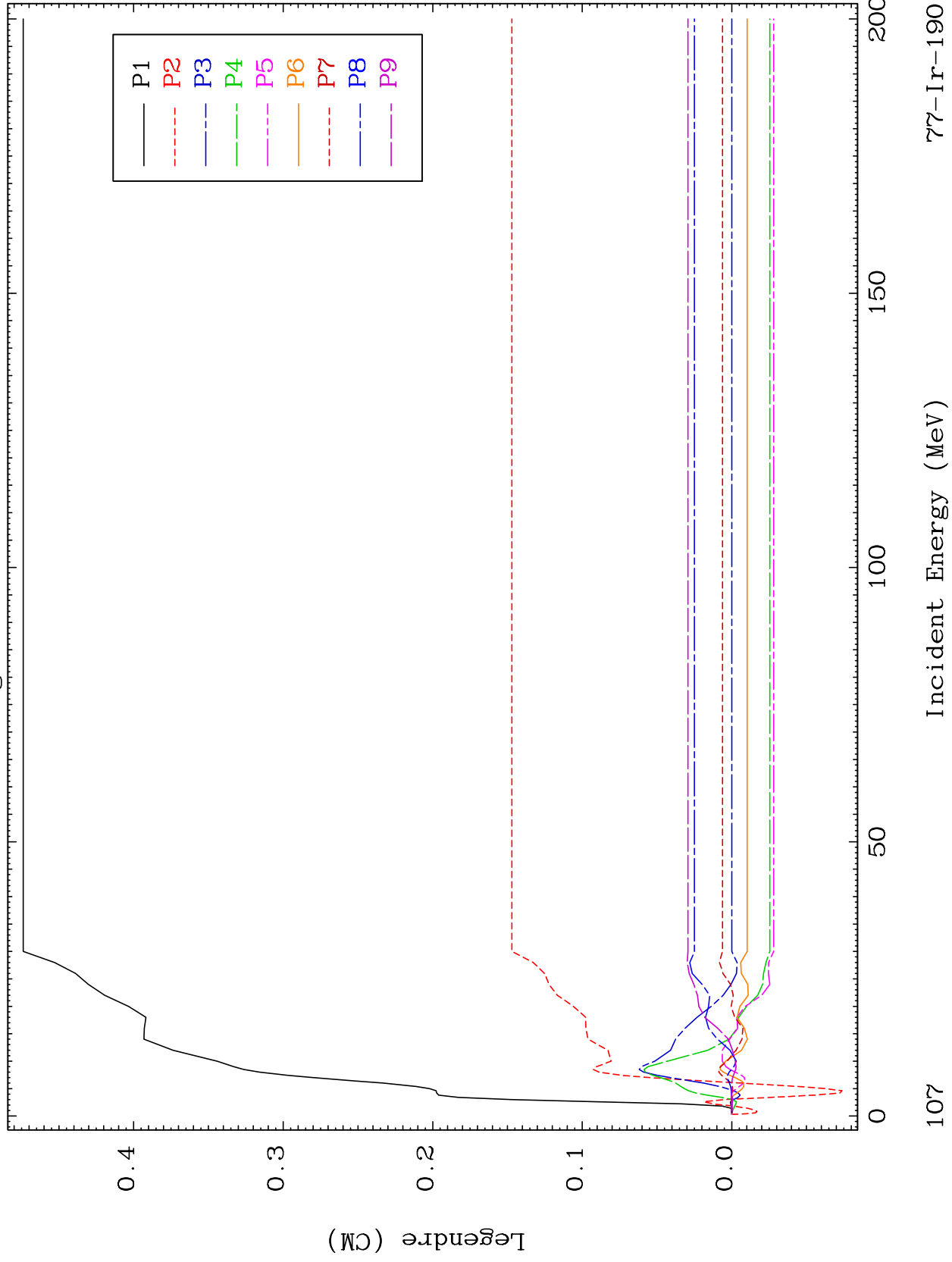
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

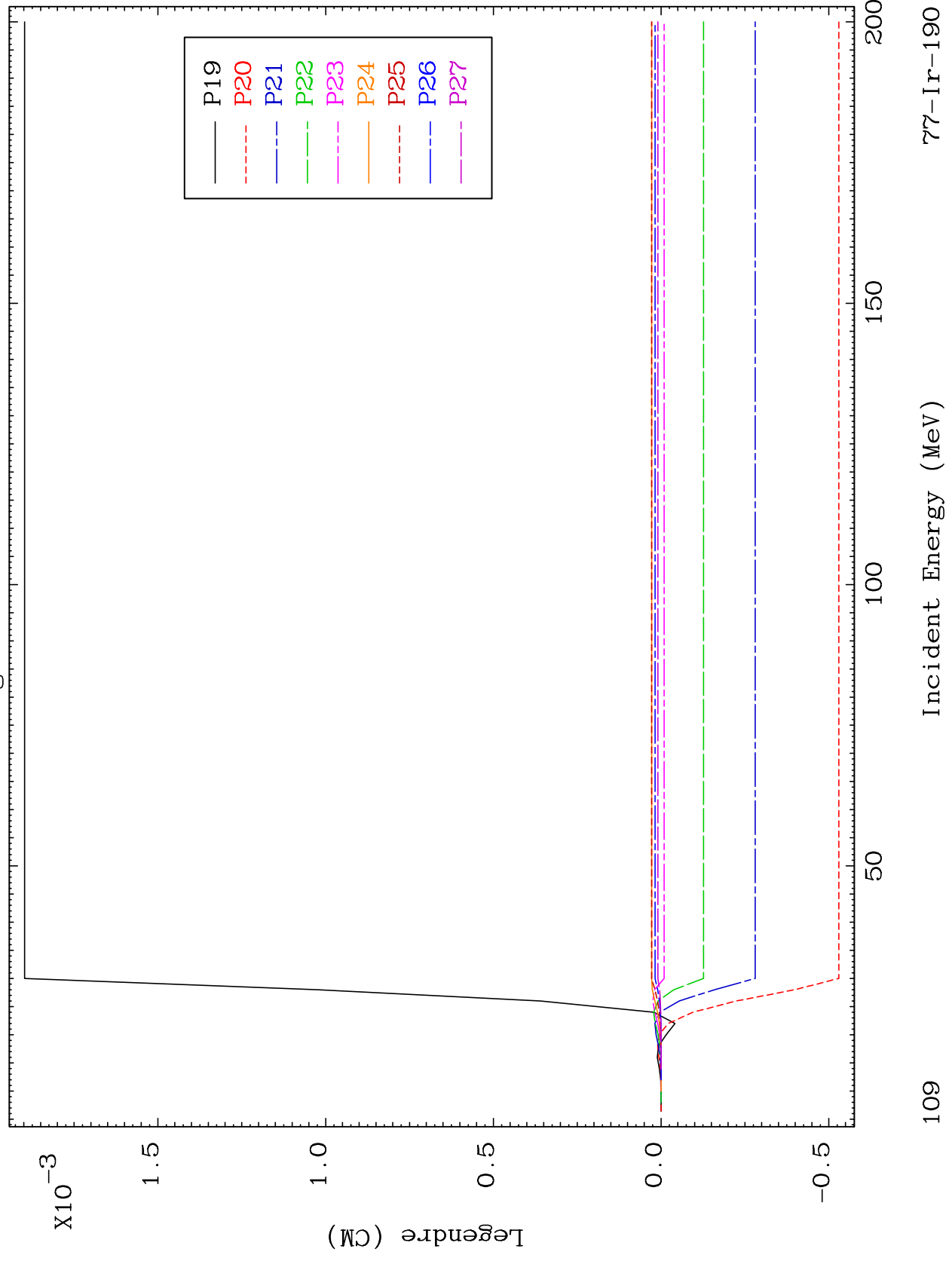
107



MAT 7722

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

77-Ir-190



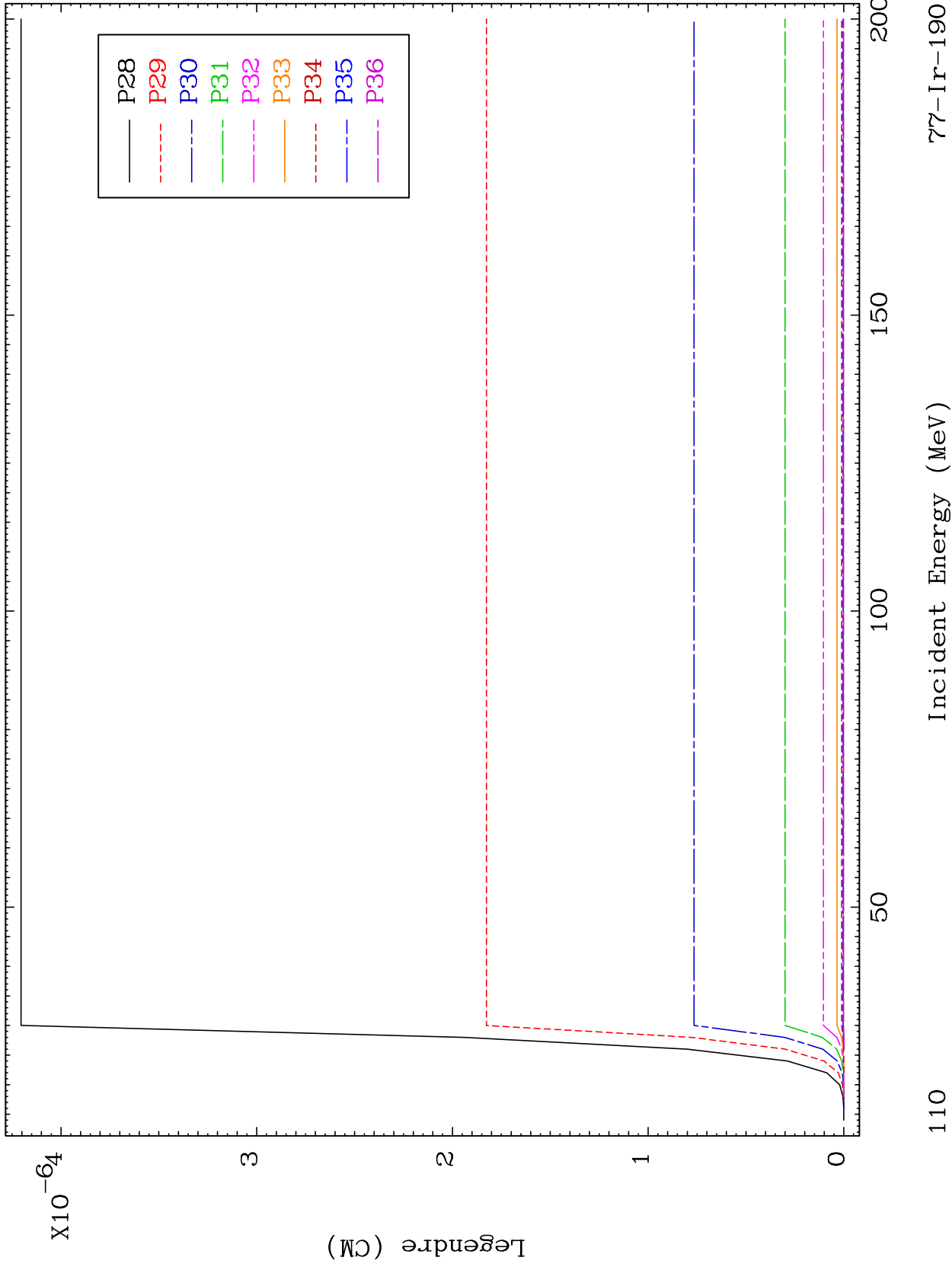
109

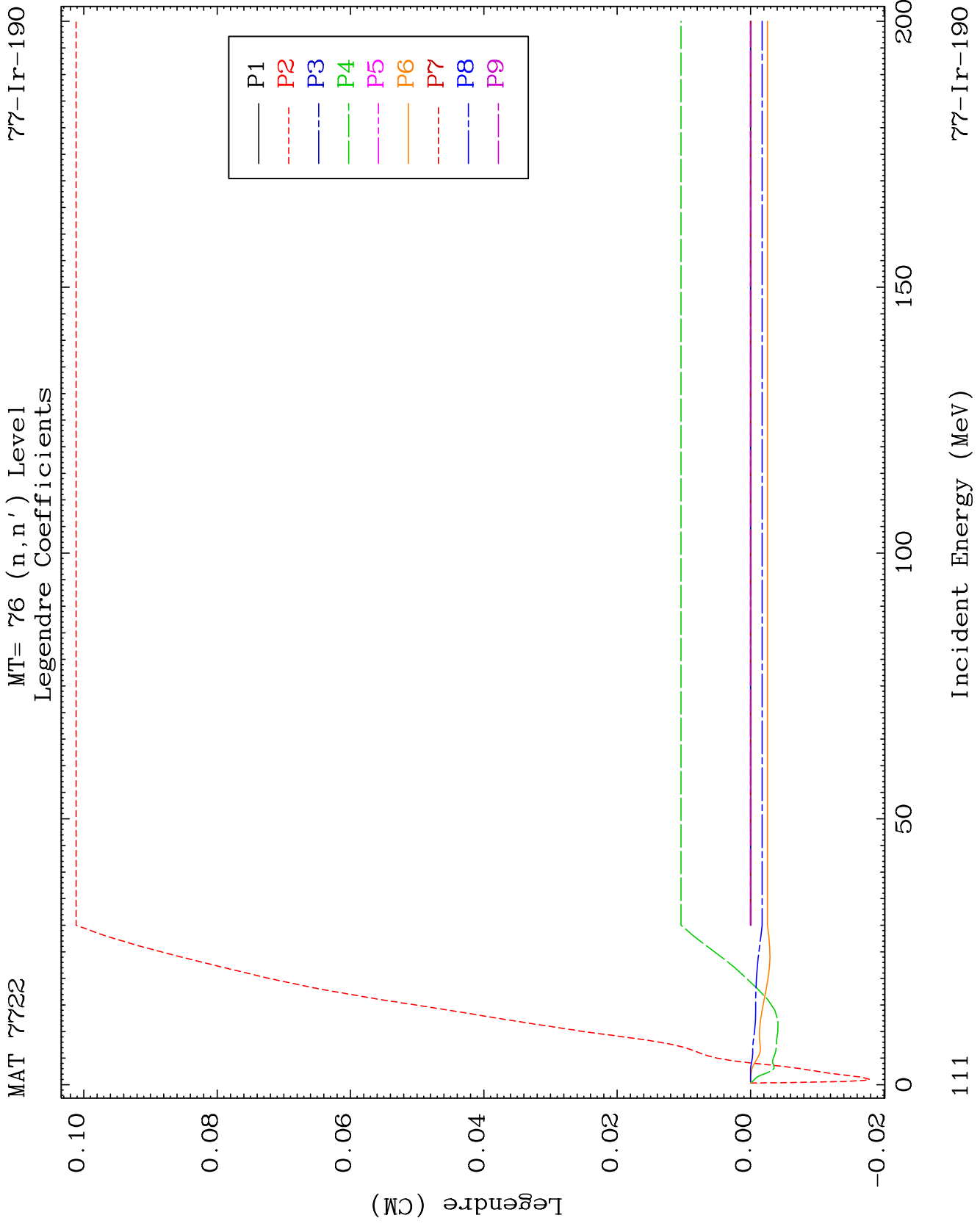
77-Ir-190

MAT 7722

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

77-Ir-190



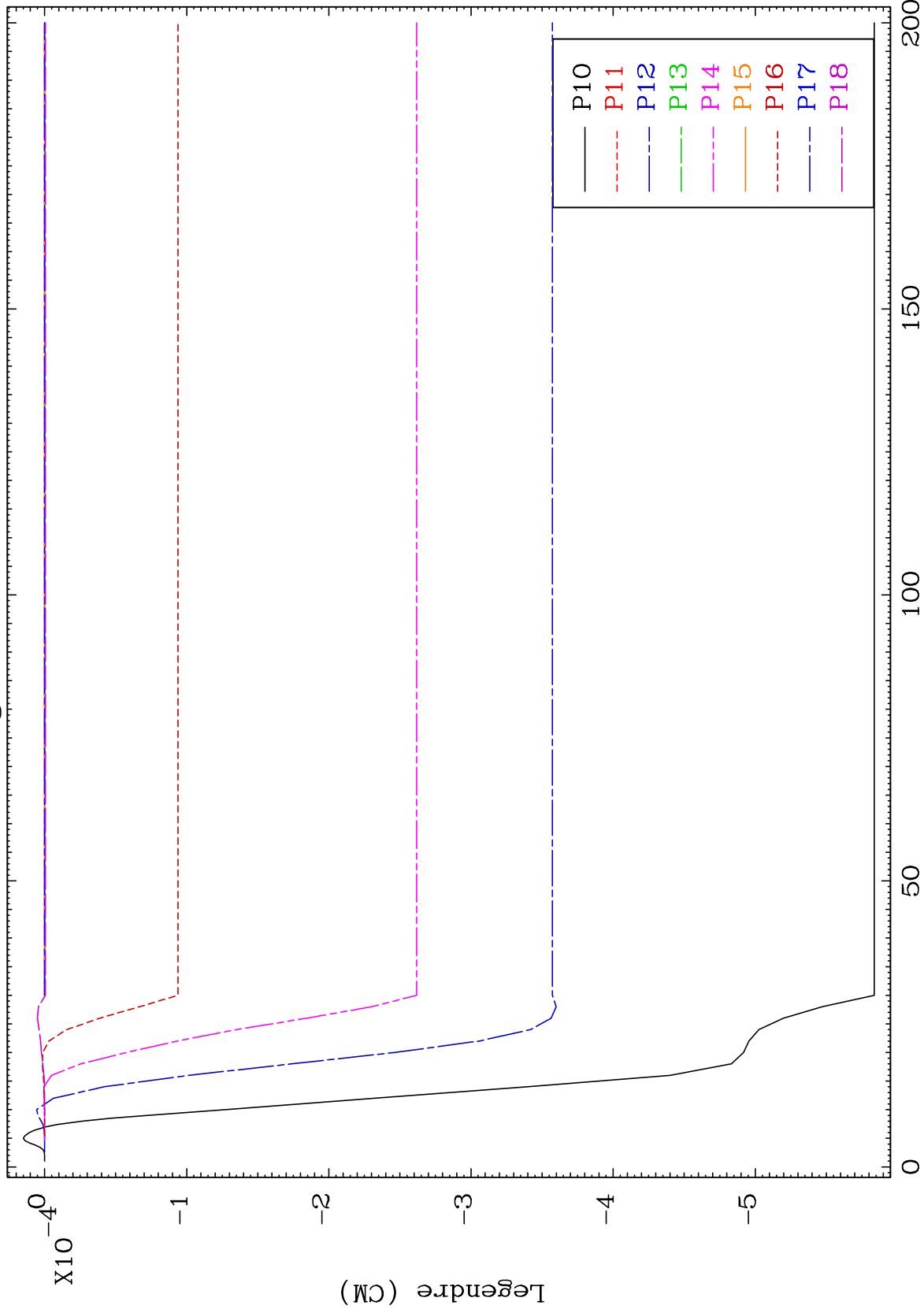




MAT 7722

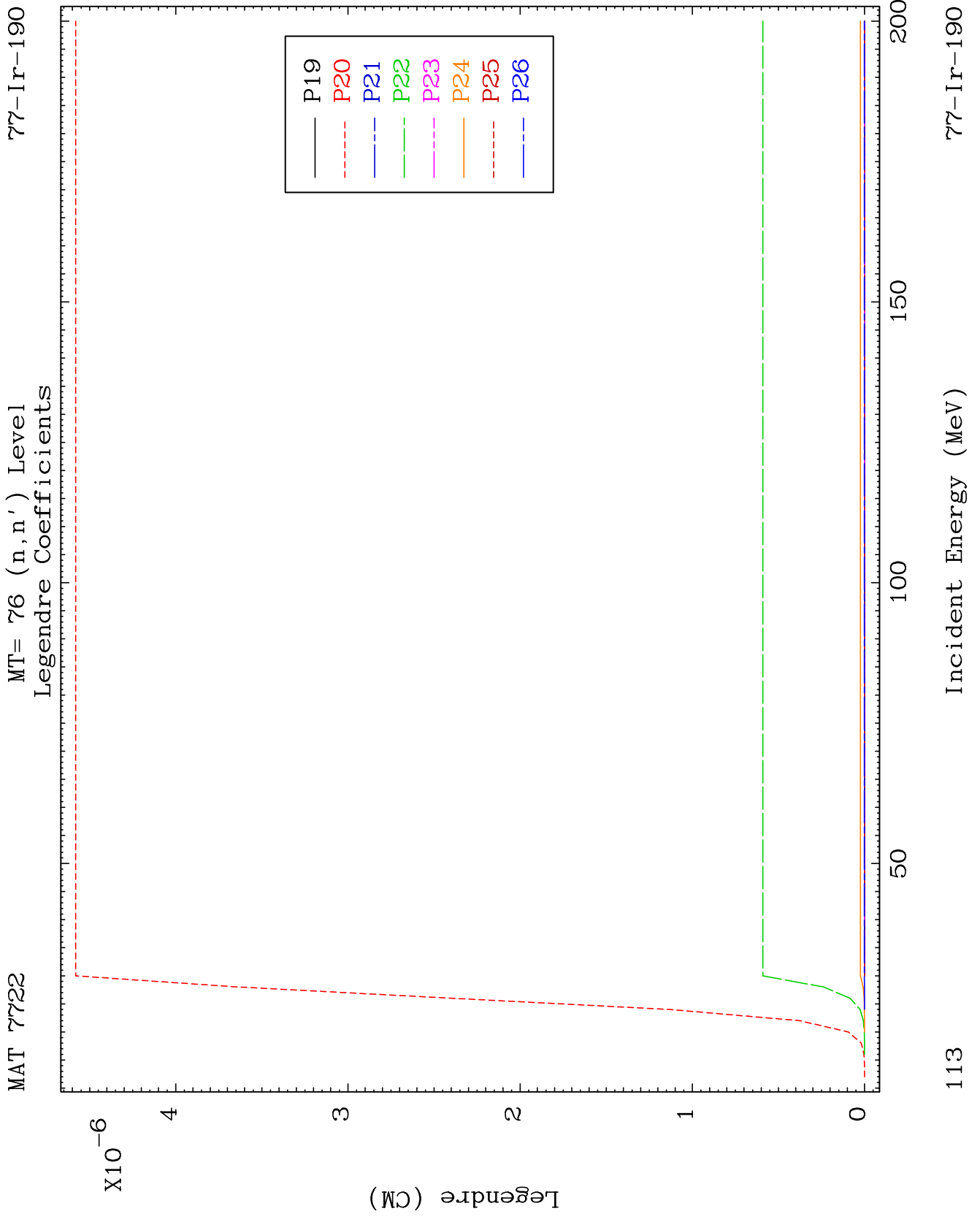
MT= 76 (n,n') Level  
Legendre Coefficients

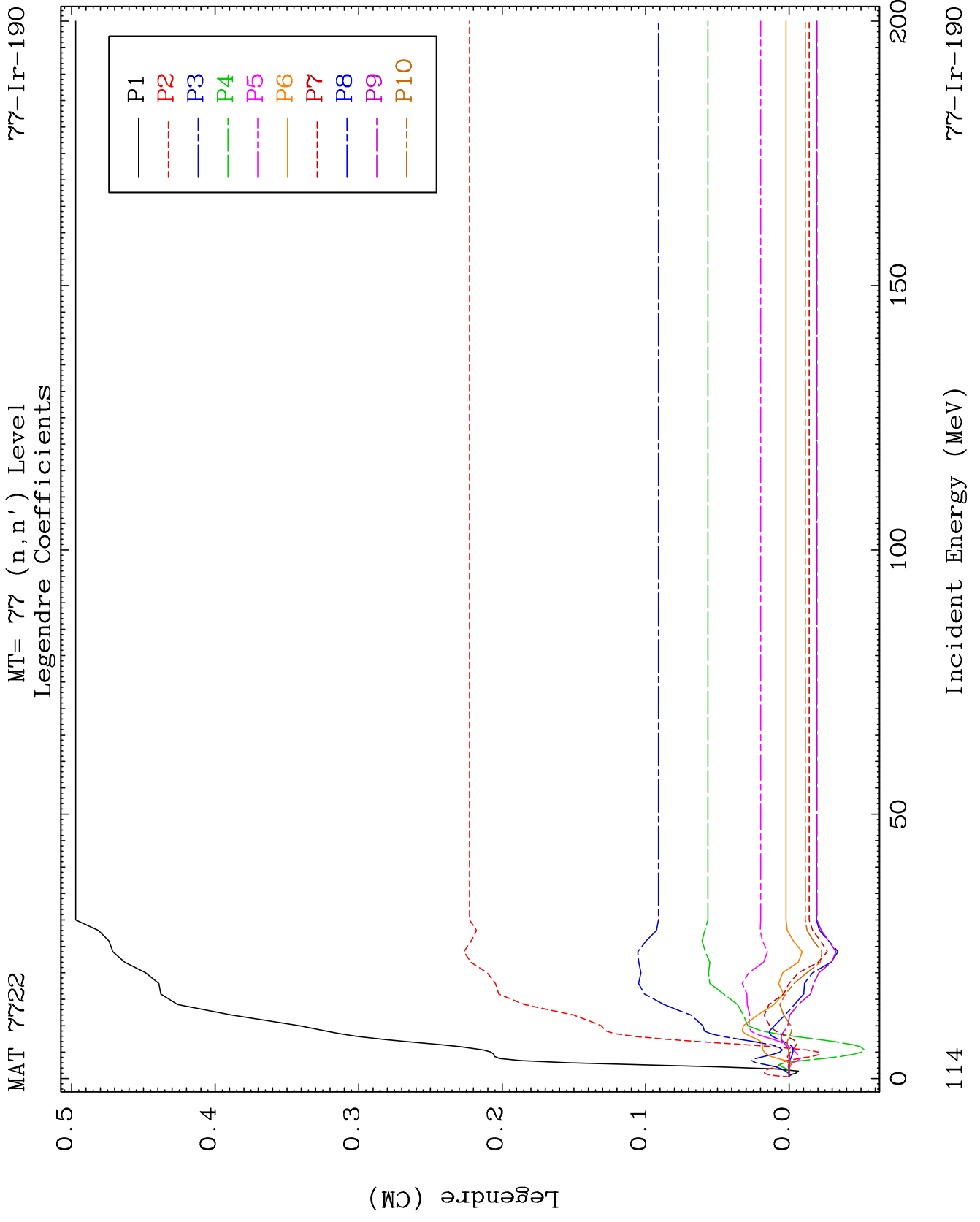
77-Ir-190

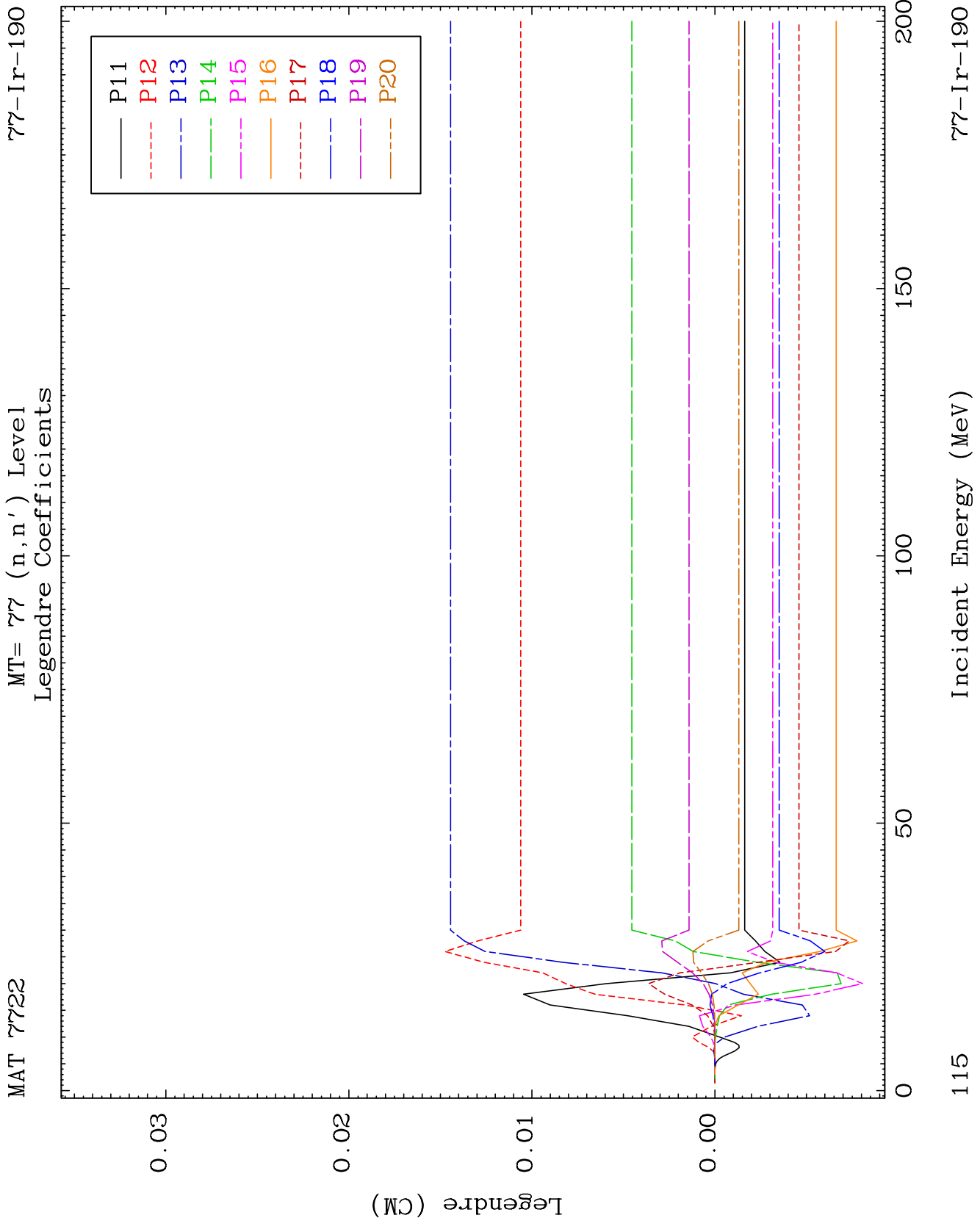


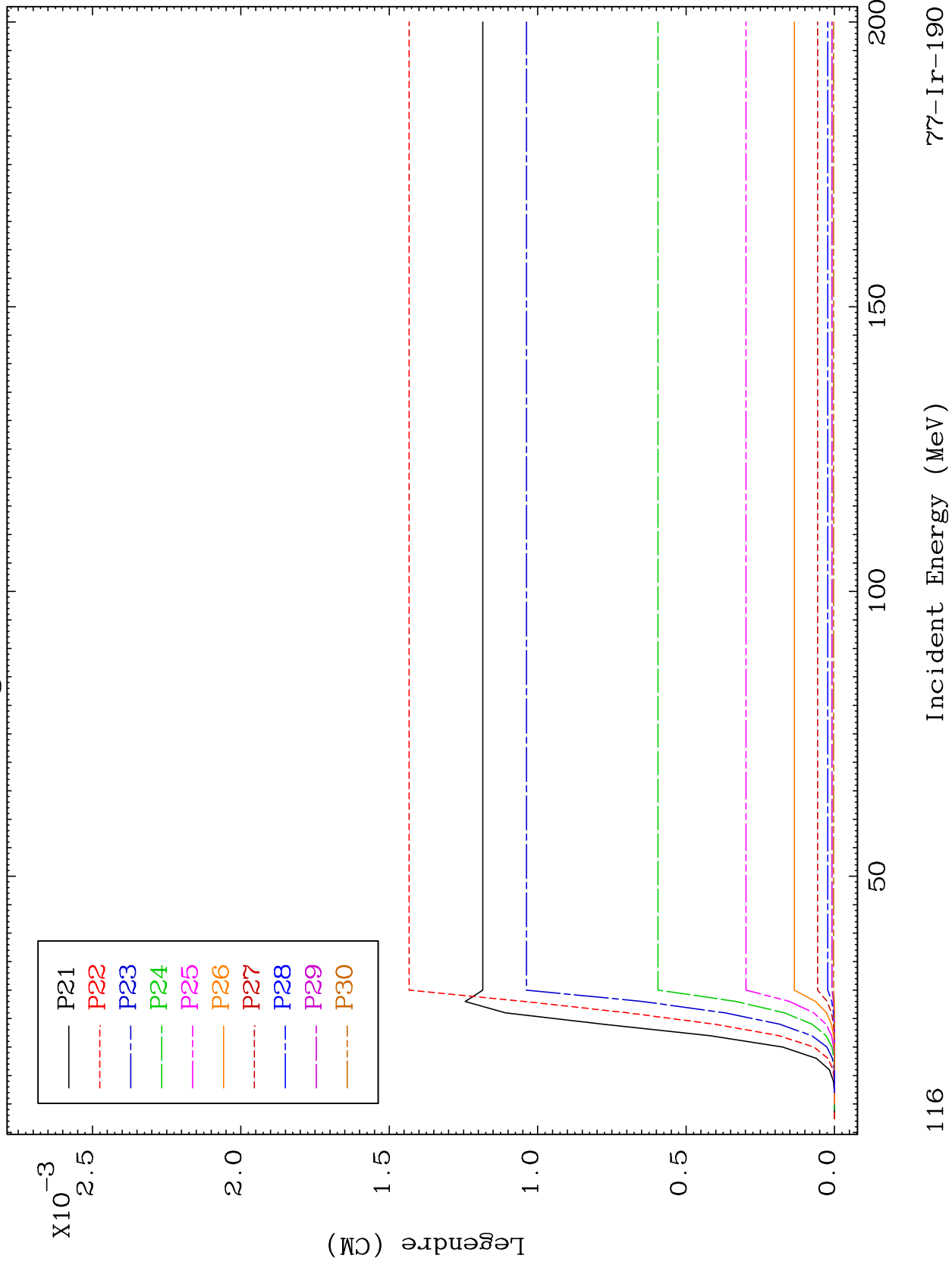
112

77-Ir-190





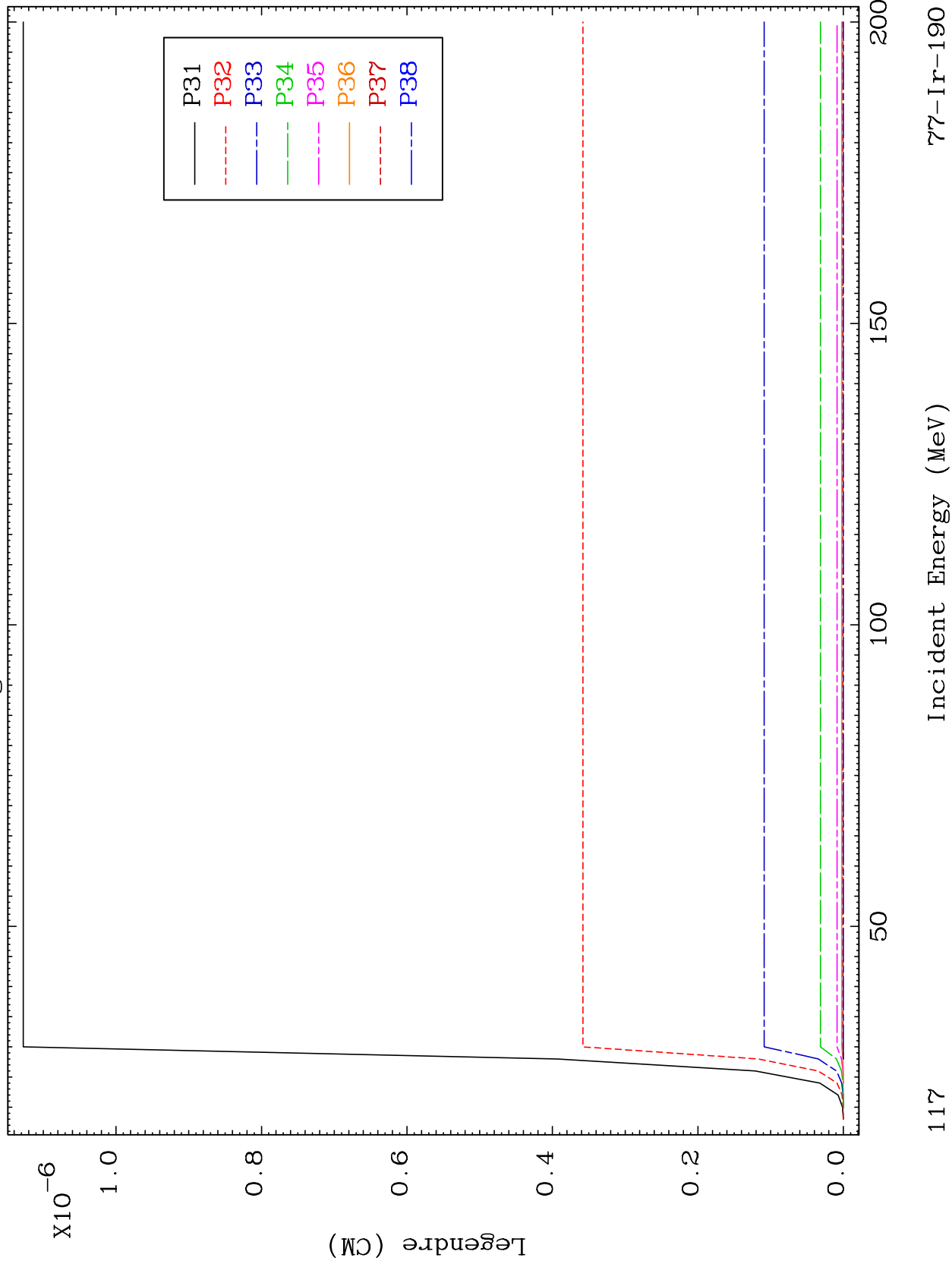




MAT 7722

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

77-Ir-190

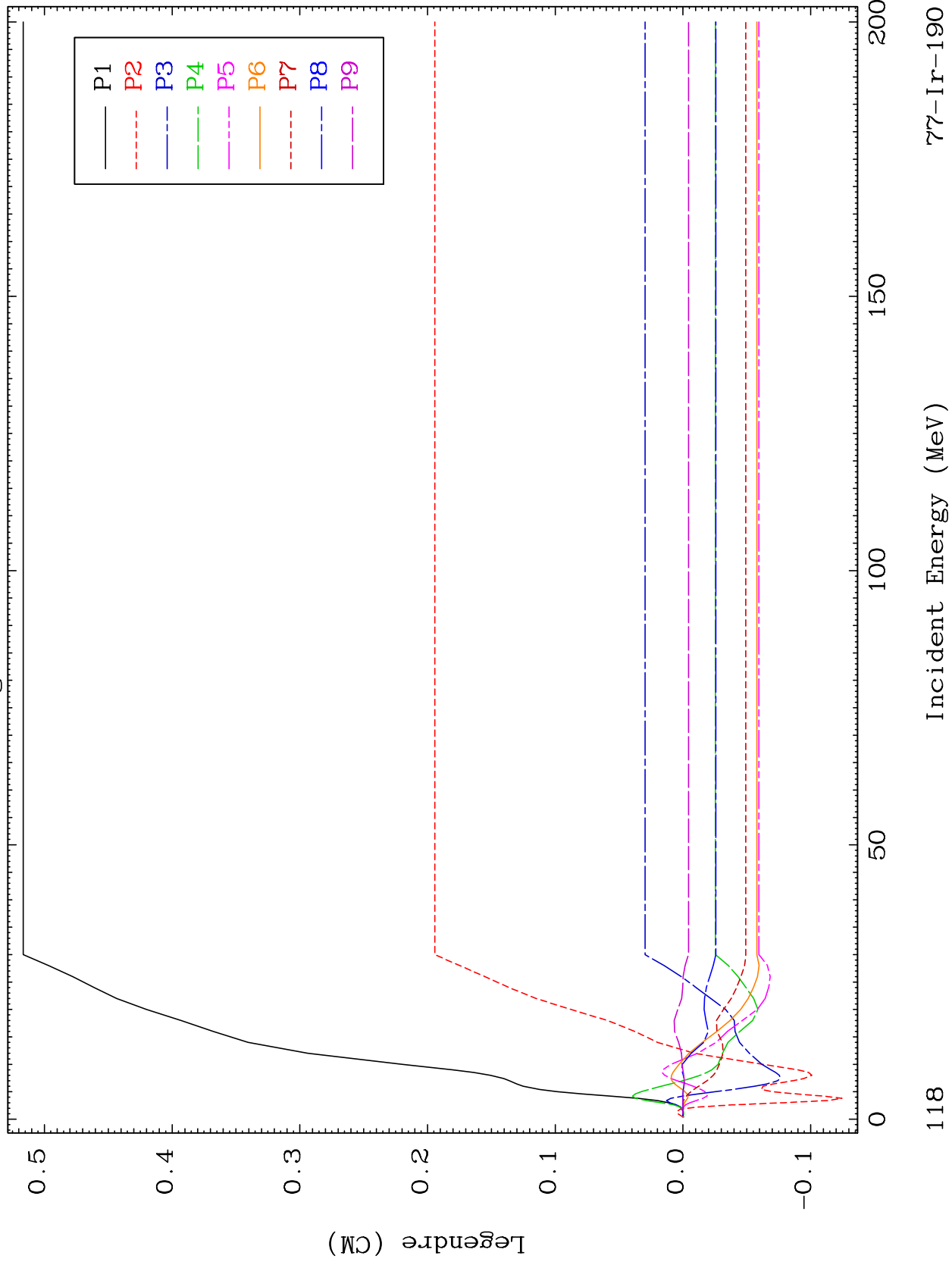


117

MAT 7722

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

77-Ir-190



77-Ir-190

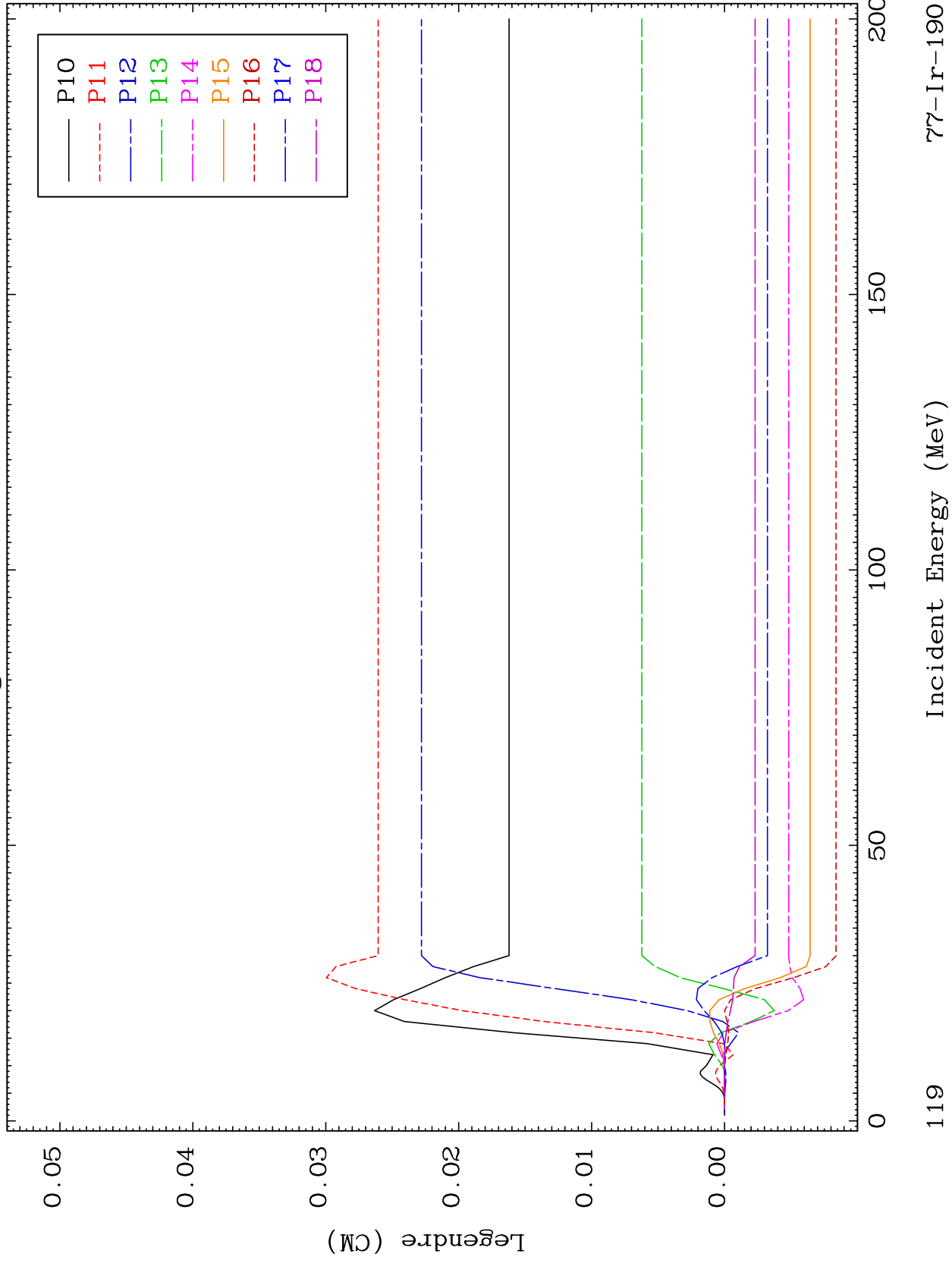
Incident Energy (MeV)

118

MAT 7722

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

77-Ir-190



119

Incident Energy (MeV)

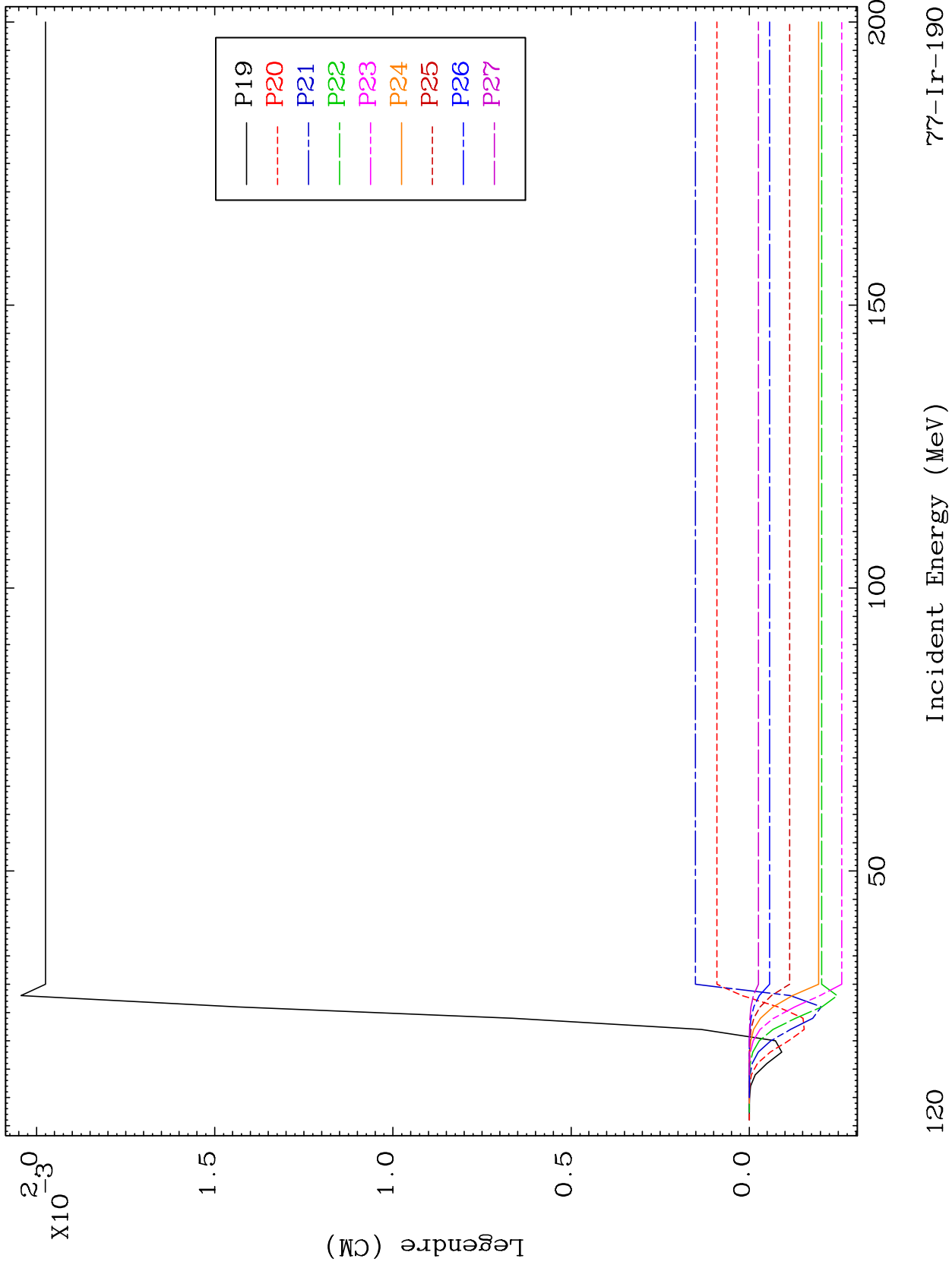
77-Ir-190



MAT 7722

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

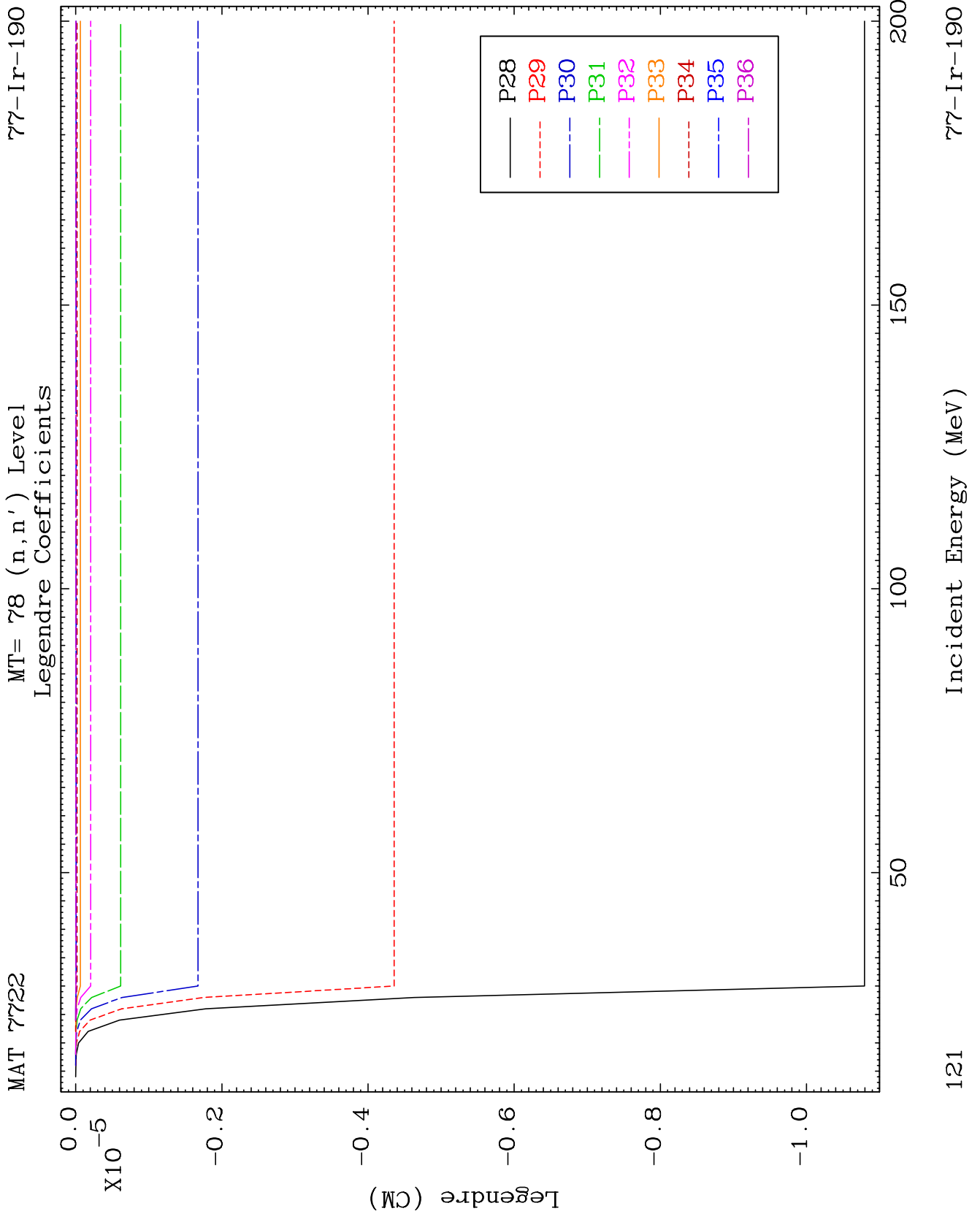
77-Ir-190



77-Ir-190

Incident Energy (MeV)

120

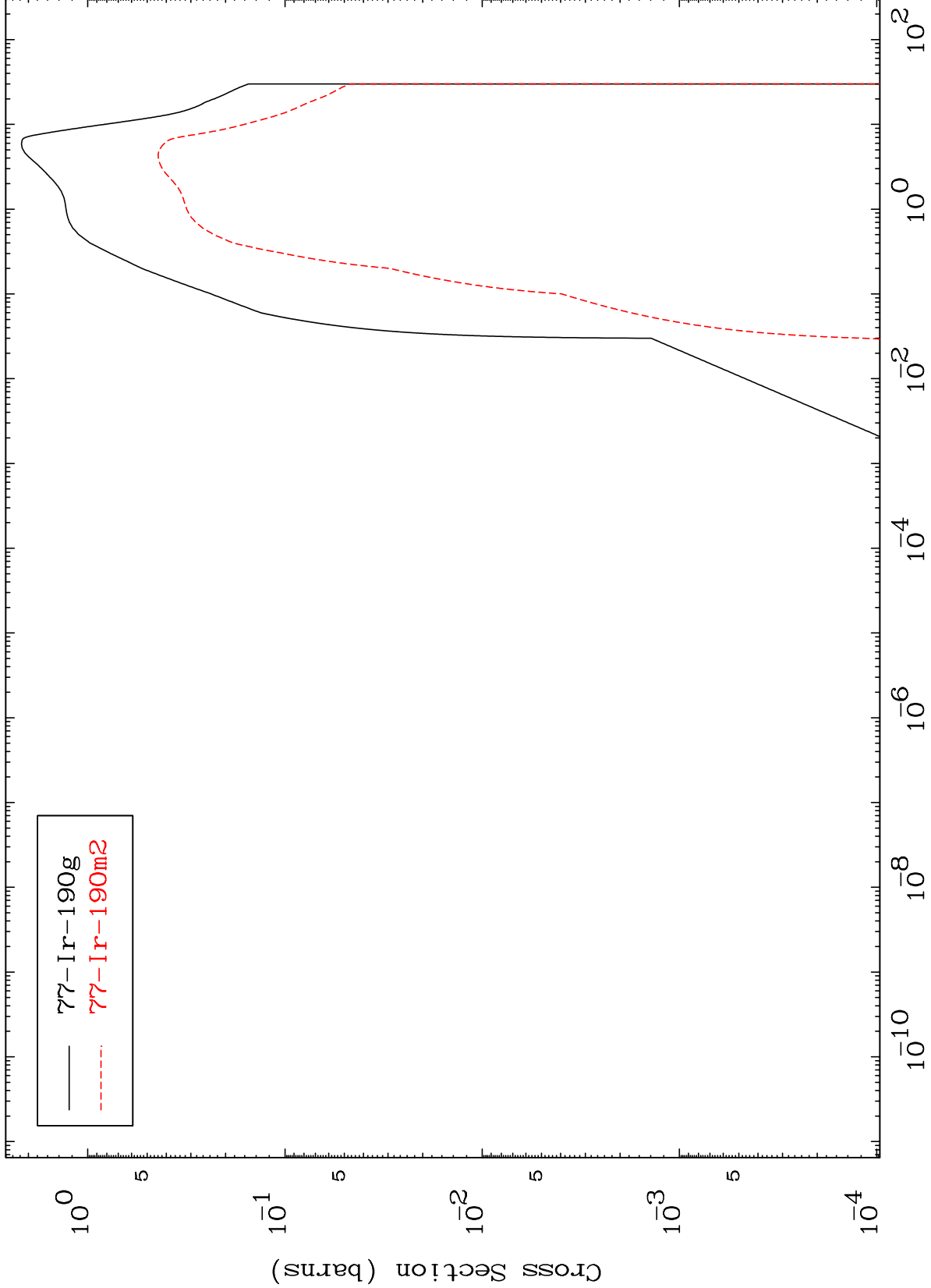


MAT 7722

Inelastic

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



— <sup>77</sup>Ir-190g  
- - - <sup>77</sup>Ir-190m2

122

Incident Energy (MeV)

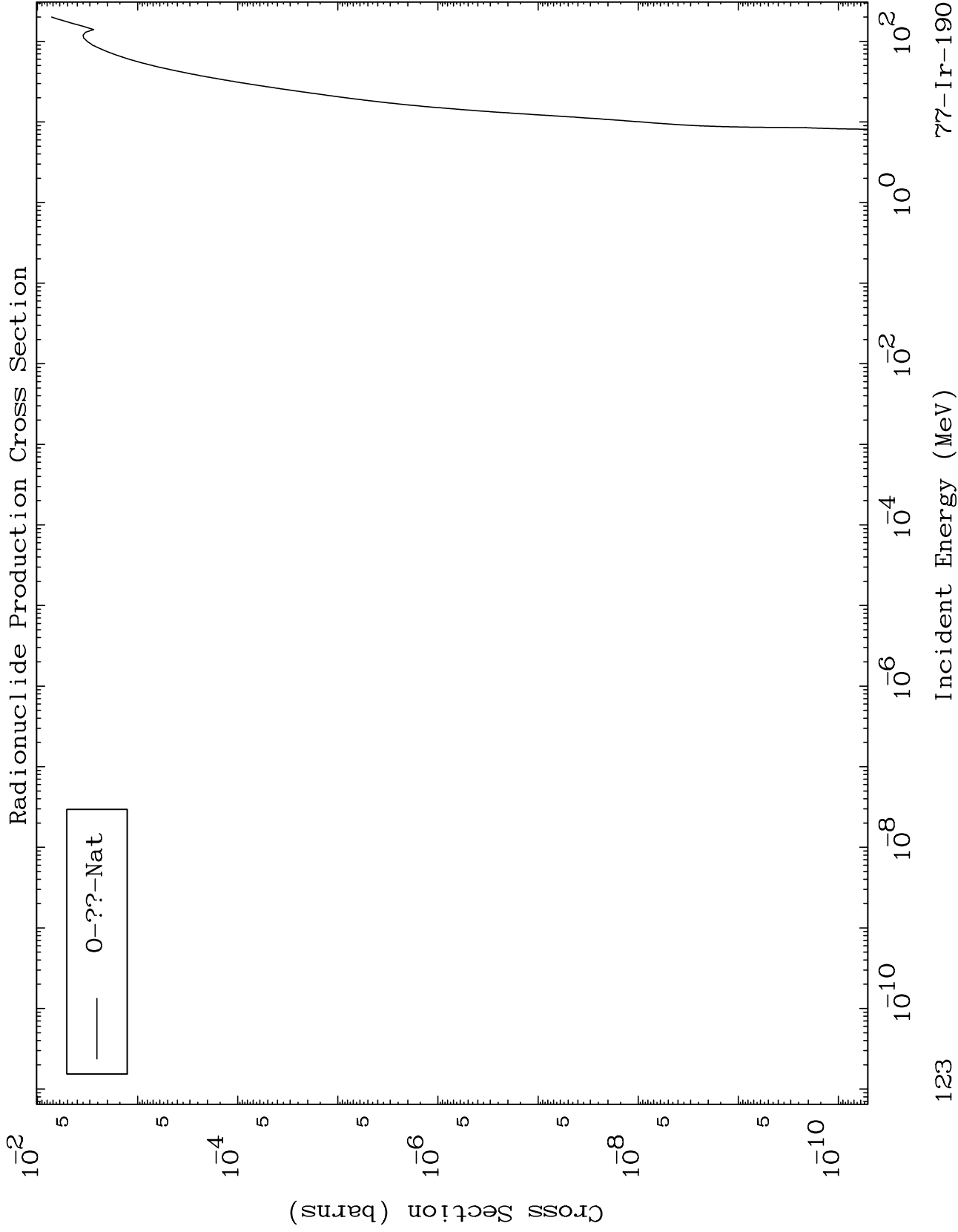
<sup>77</sup>Ir-190

MAT 7722

Fission

<sup>77</sup>Ir-190

Radionuclide Production Cross Section

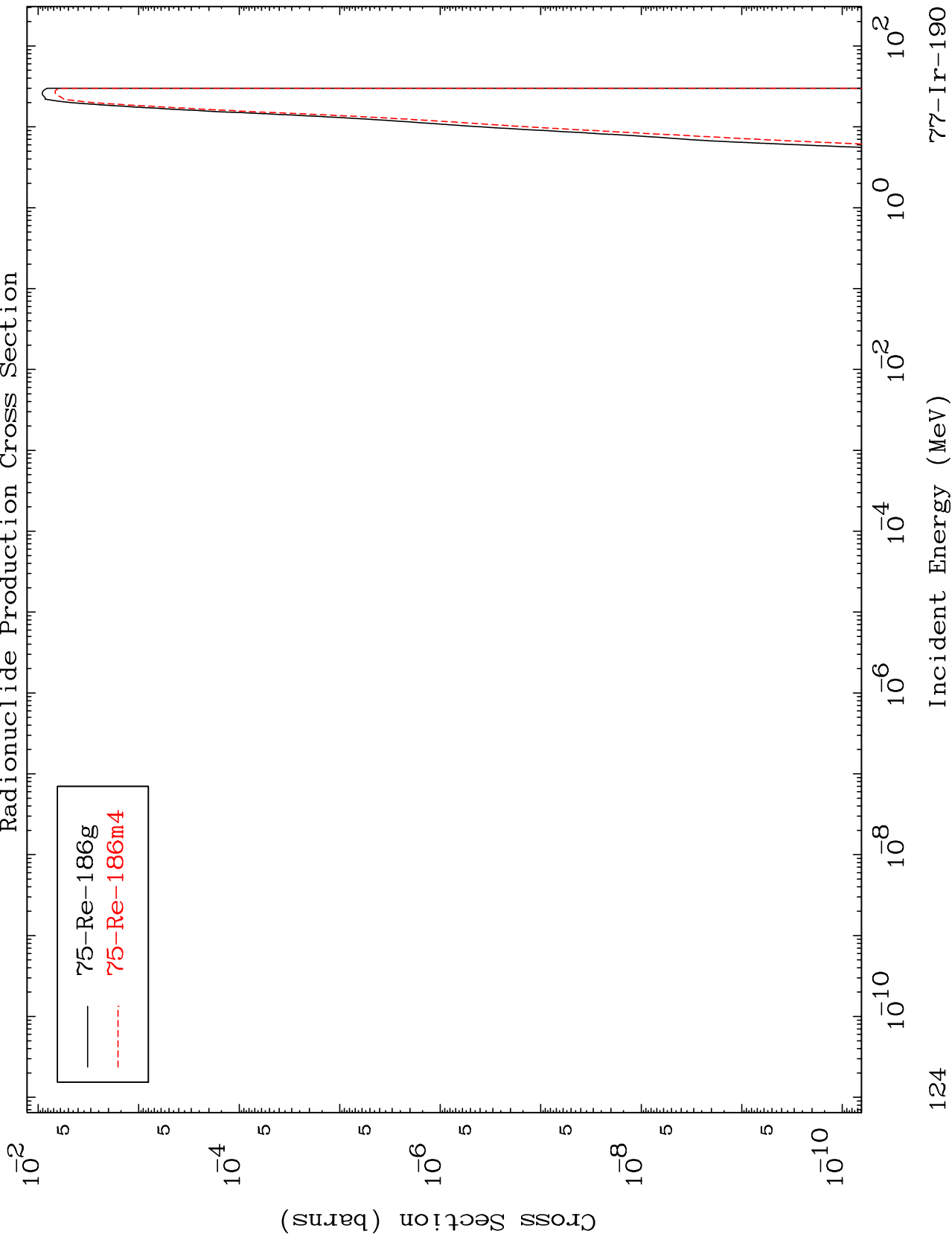


MAT 7722

$(n, n') \alpha$

$^{77}\text{Ir-190}$

Radionuclide Production Cross Section

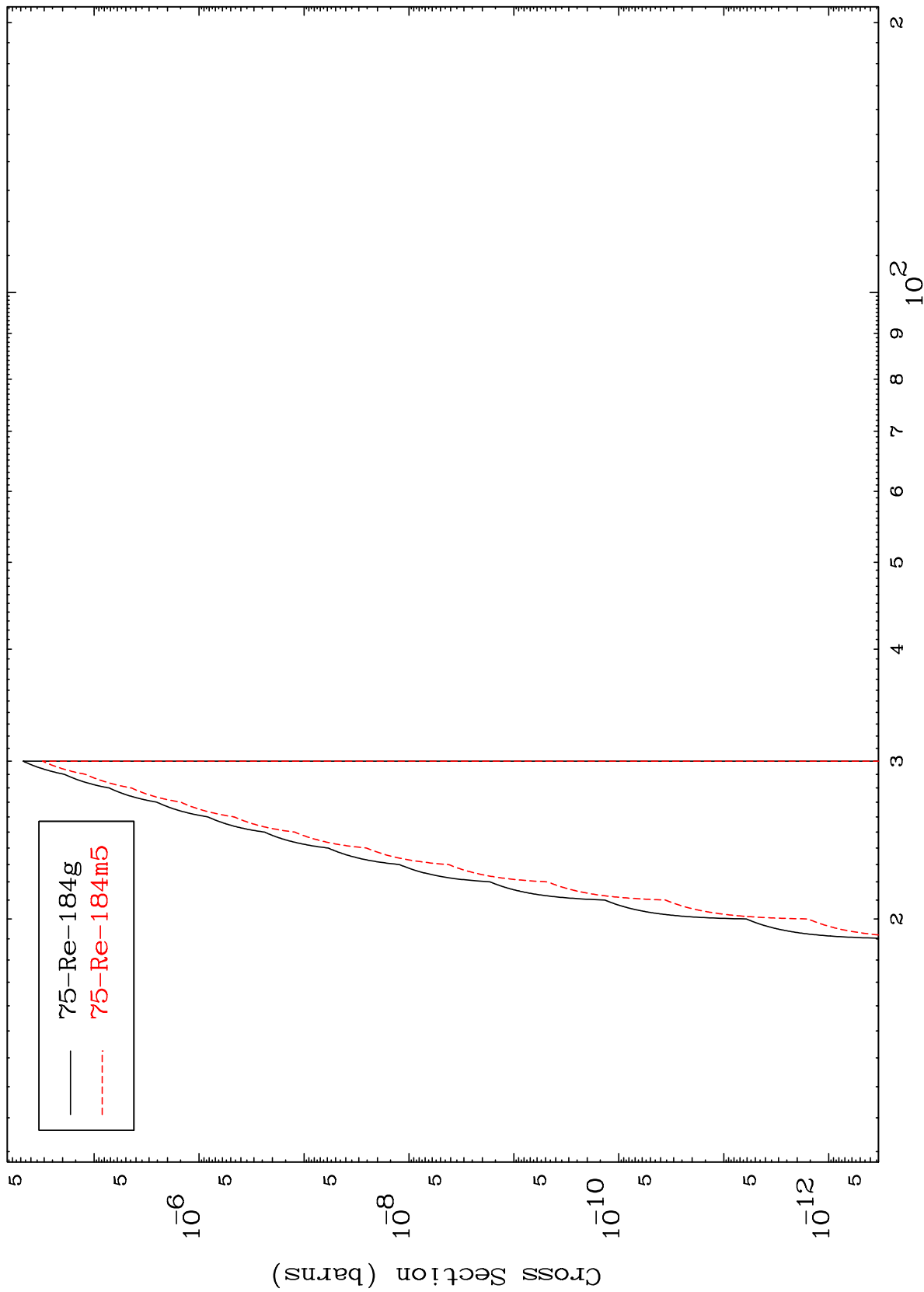


MAT 7722

<sup>77</sup>Ir-190

(n,3n) α

Radionuclide Production Cross Section



125

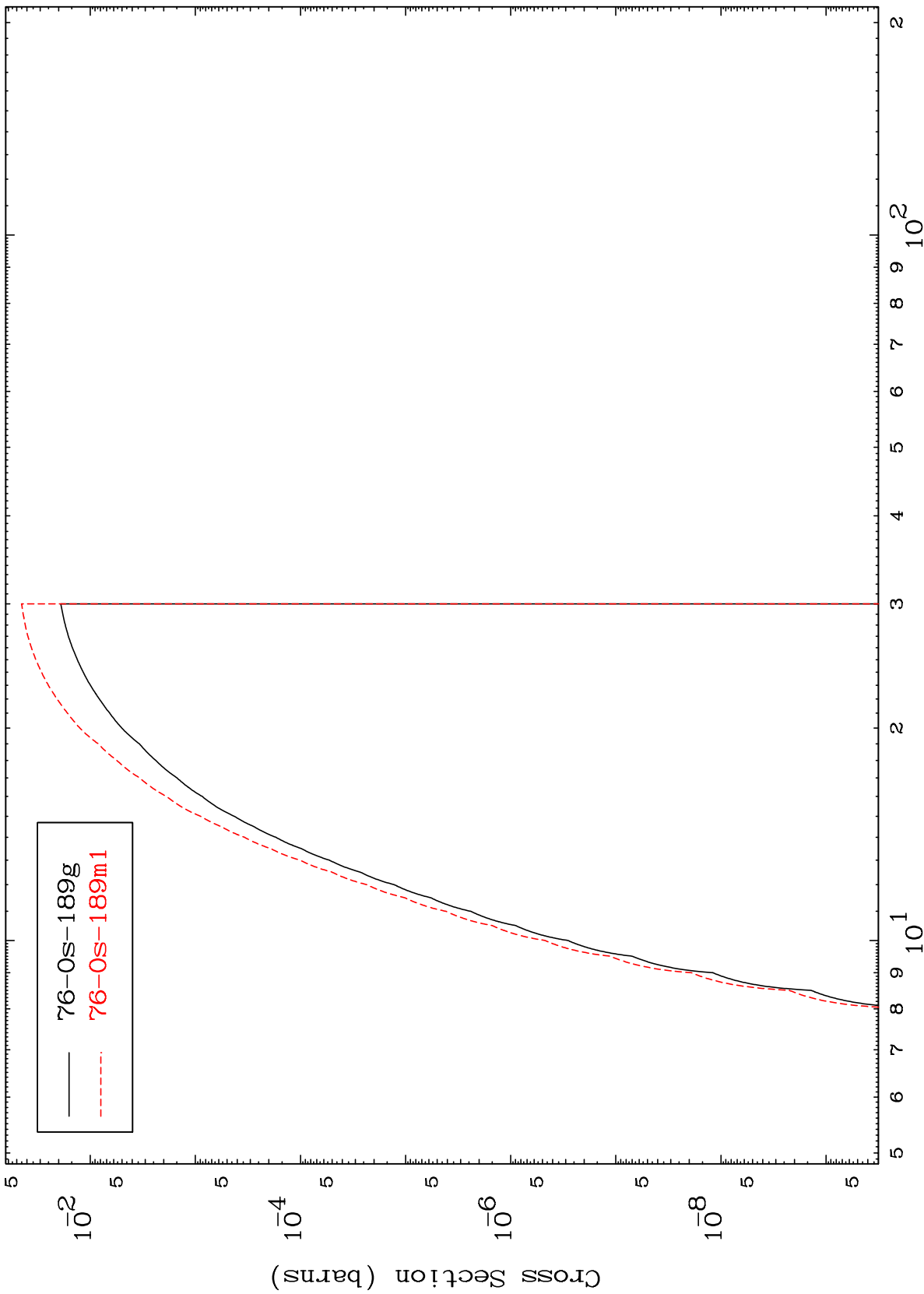
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

77-Ir-190

(n,n') p  
Radionuclide Production Cross Section



77-Ir-190

Incident Energy (MeV)

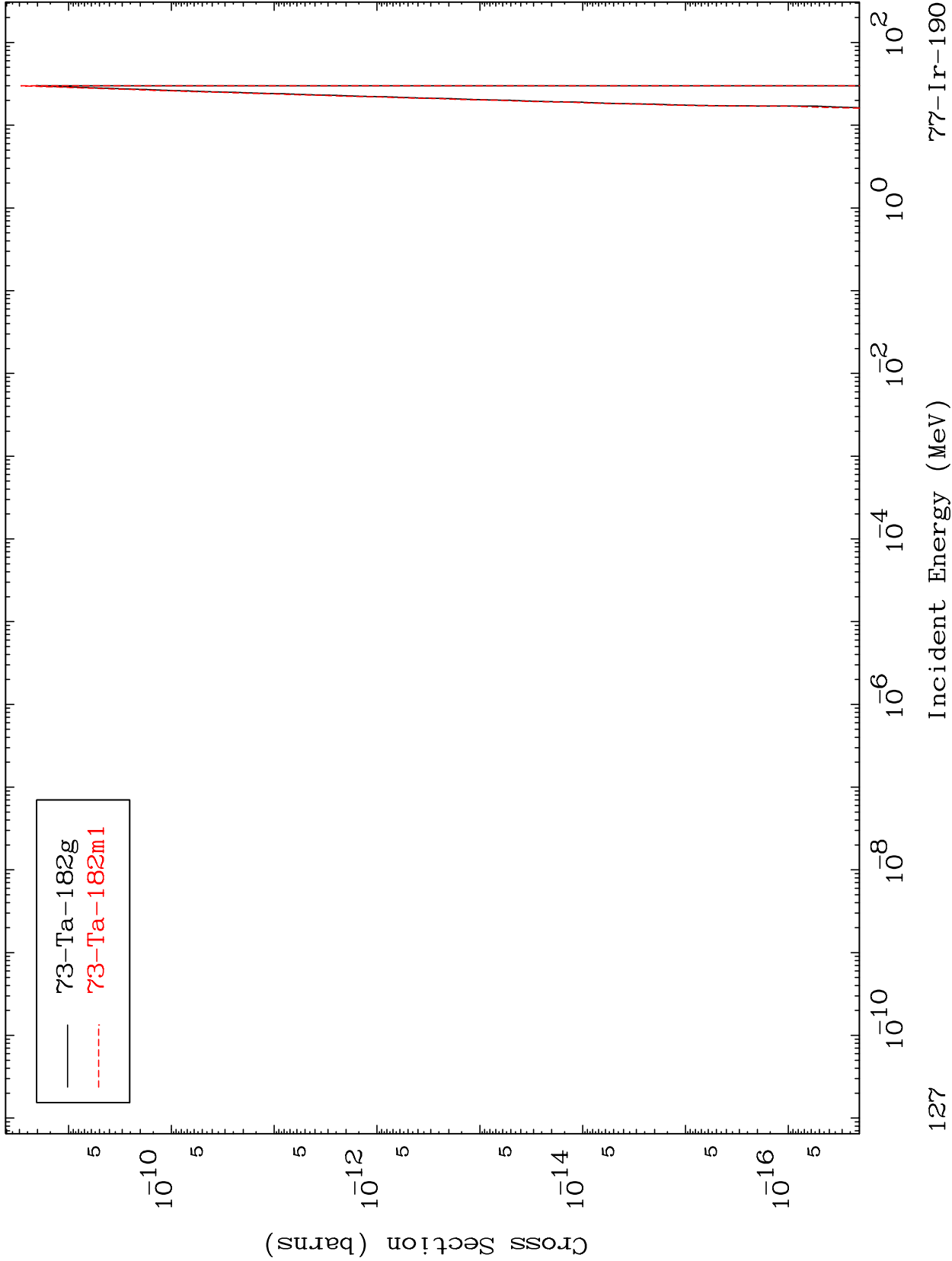
126

MAT 7722

(n,n') 2α

77-Ir-190

Radionuclide Production Cross Section



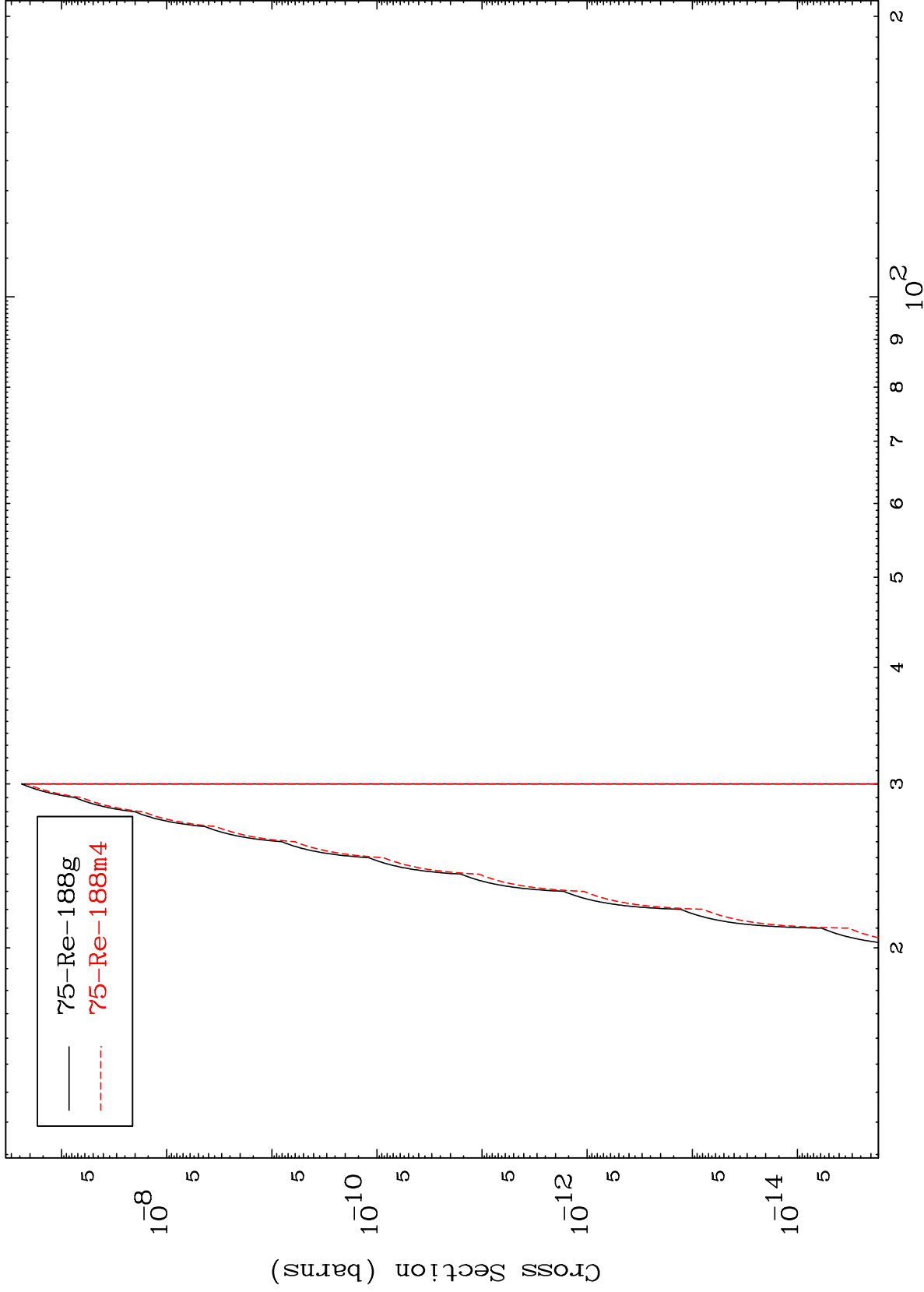
127

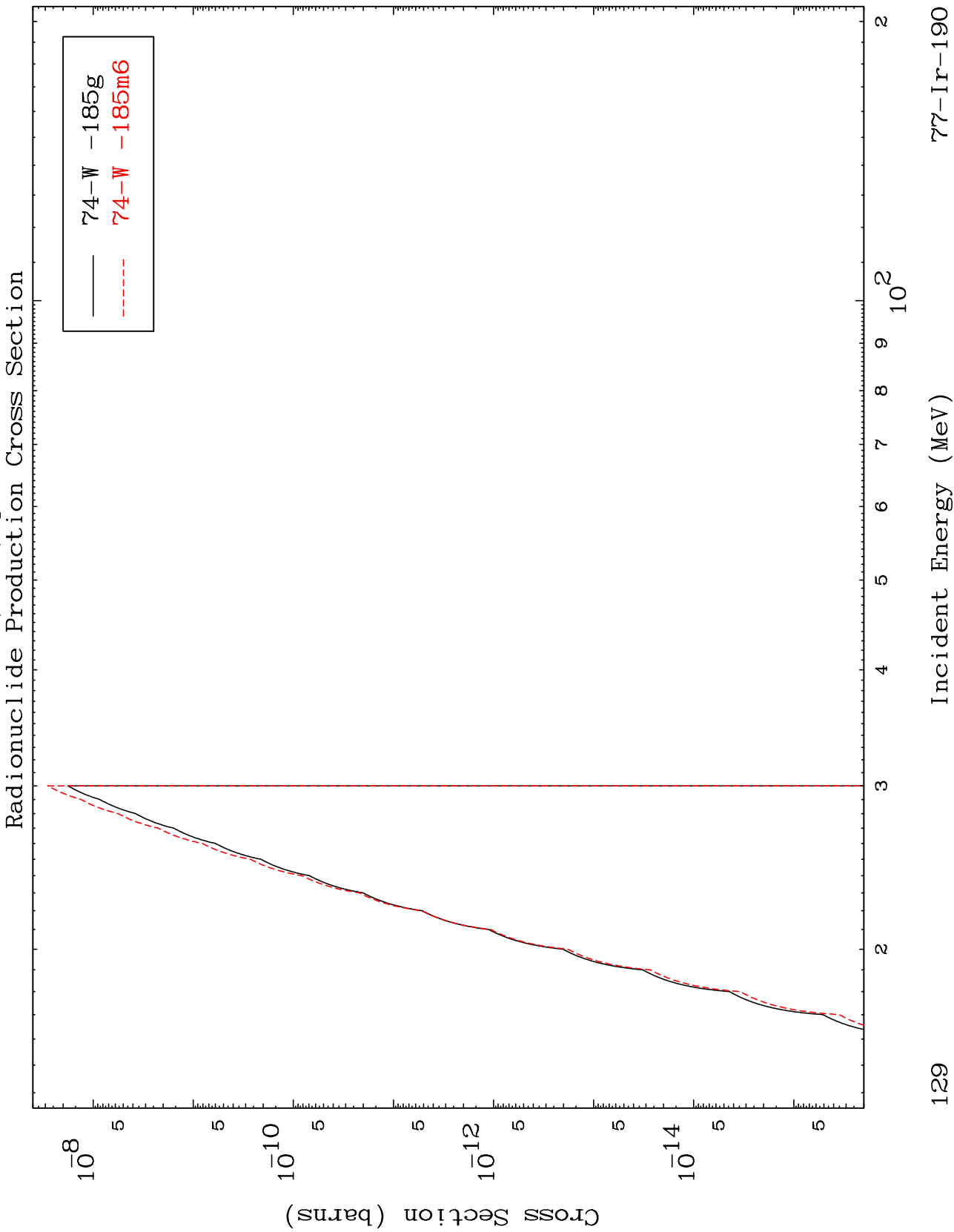
Incident Energy (MeV)

77-Ir-190



(n,2n) p  
Radionuclide Production Cross Section

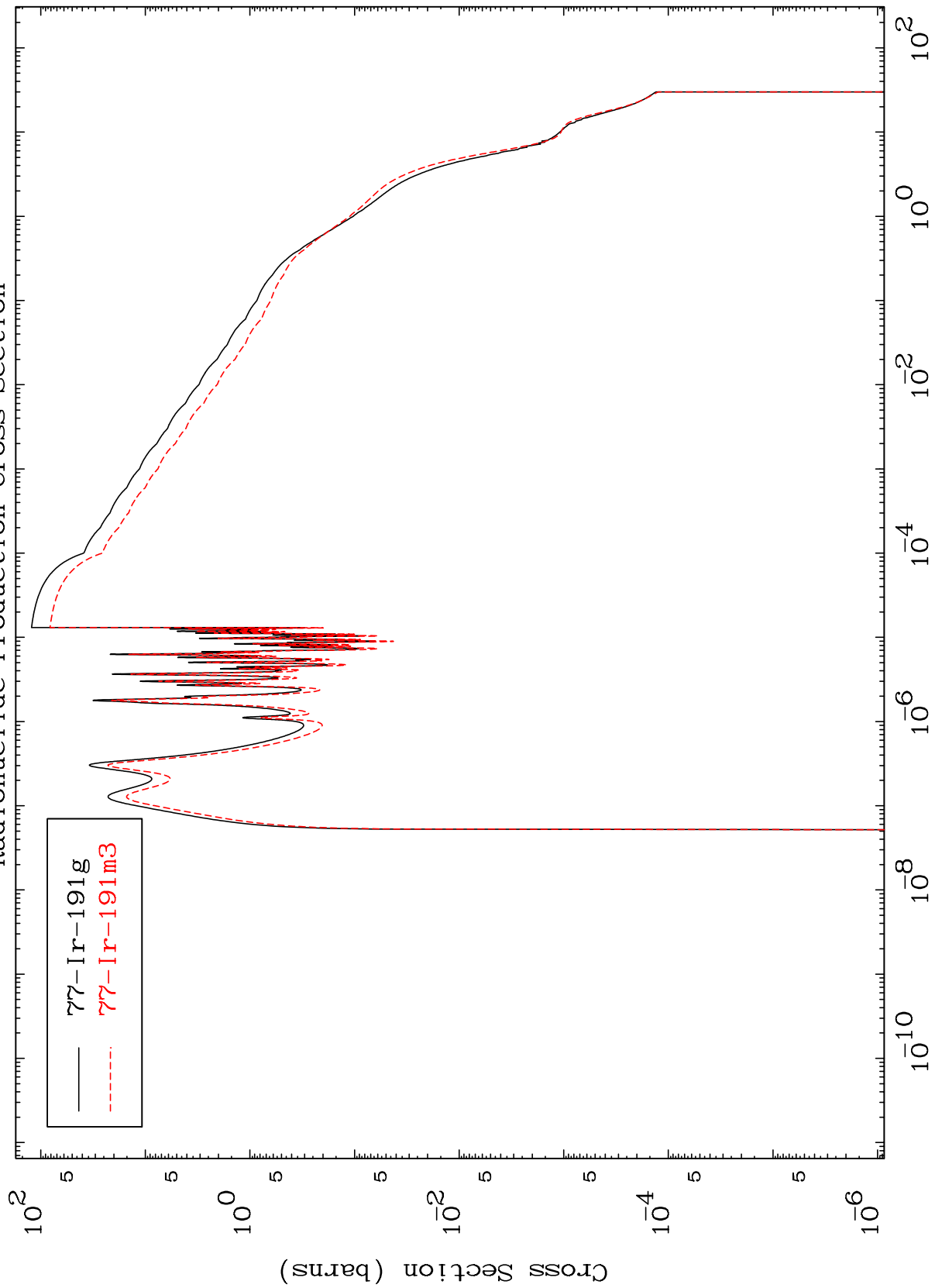




MAT 7722

<sup>77</sup>Ir-190

Radionuclide Production Cross Section (n,γ)



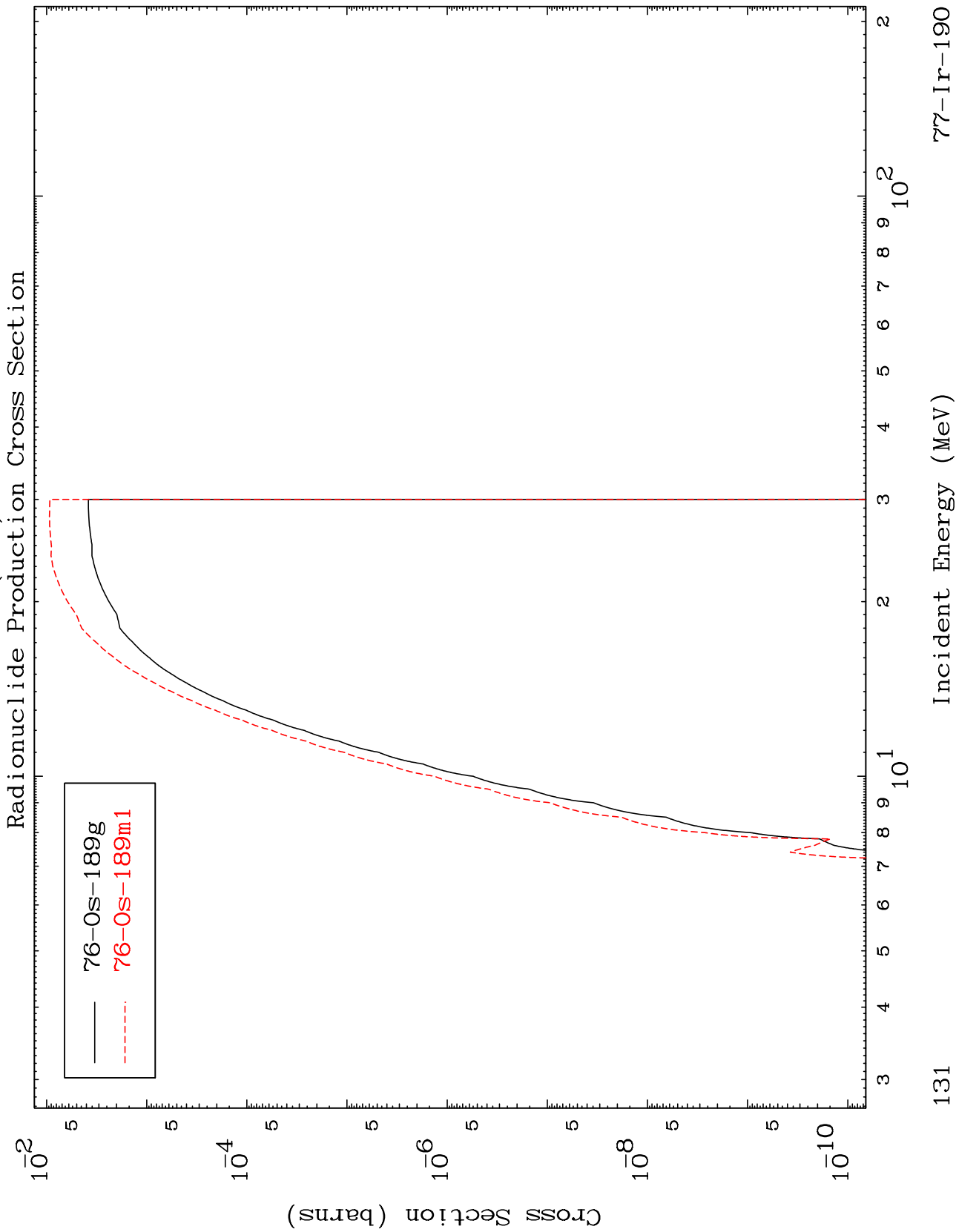
130

<sup>77</sup>Ir-190

Incident Energy (MeV)

MAT 7722

<sup>77</sup>Ir-190



— 76-Os-189g  
- - - 76-Os-189m1

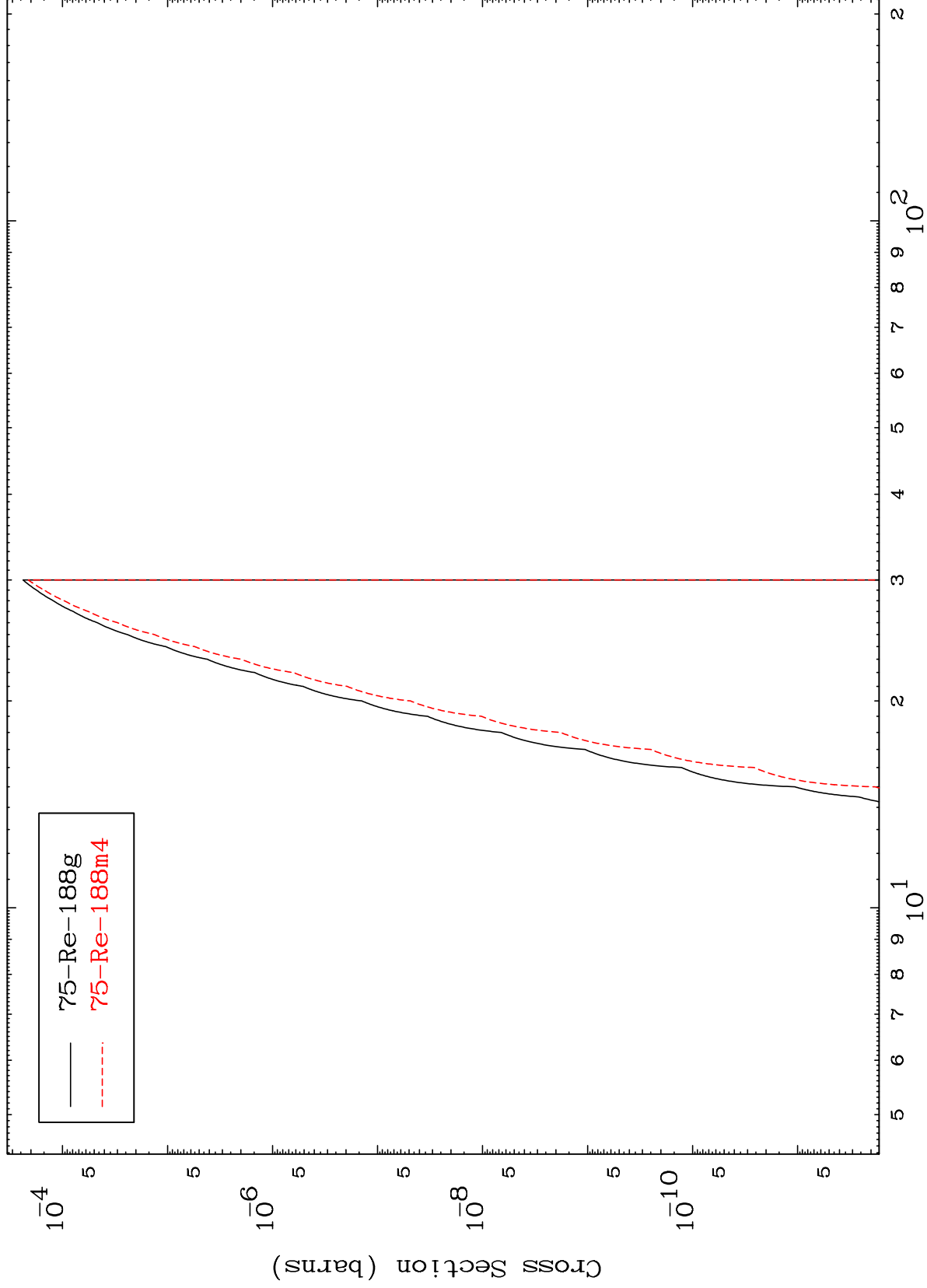
131

MAT 7722

(n,He-3)

77-Ir-190

Radionuclide Production Cross Section



132

Incident Energy (MeV)

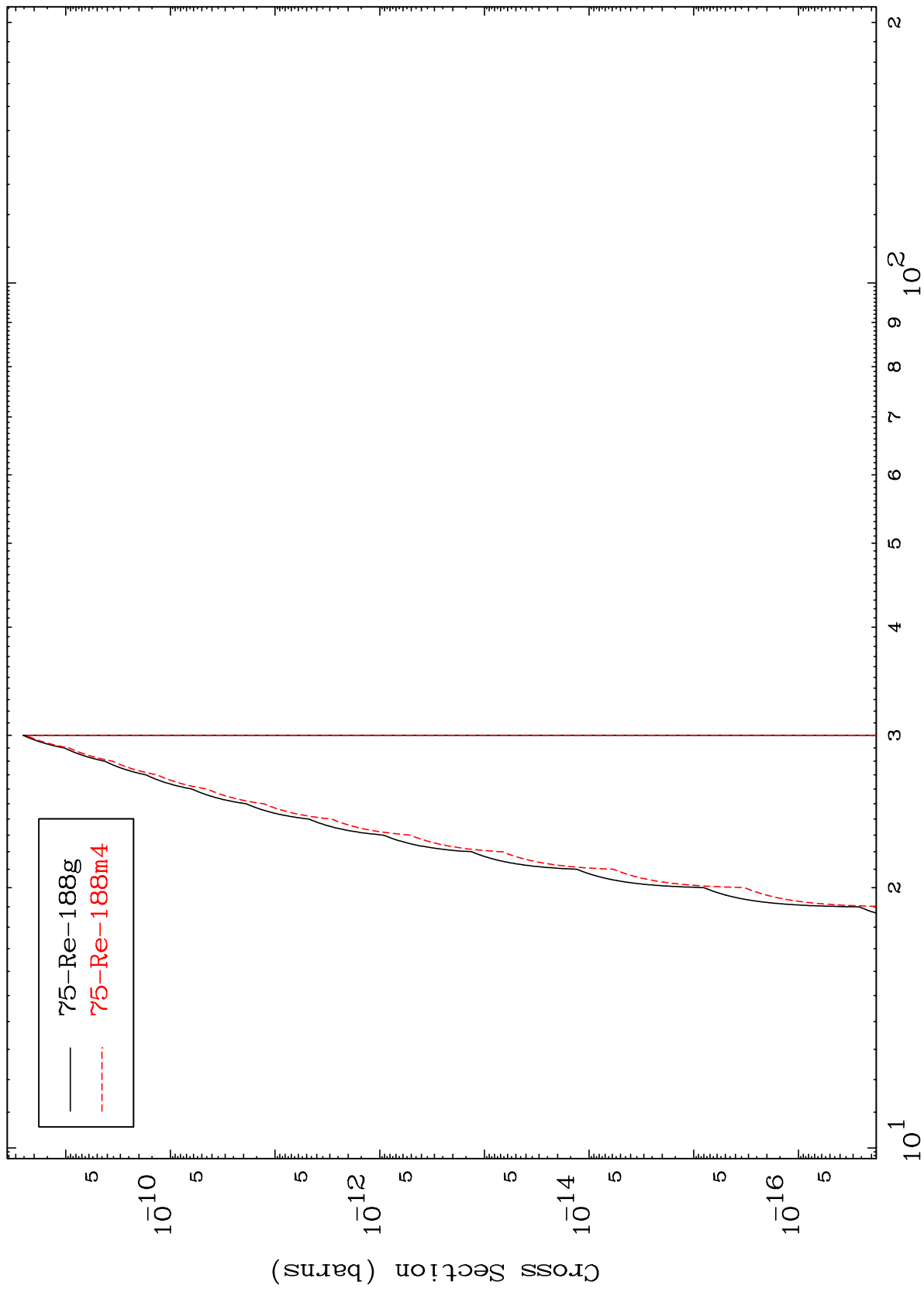
77-Ir-190

MAT 7722

(n,p) d

77-Ir-190

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-190

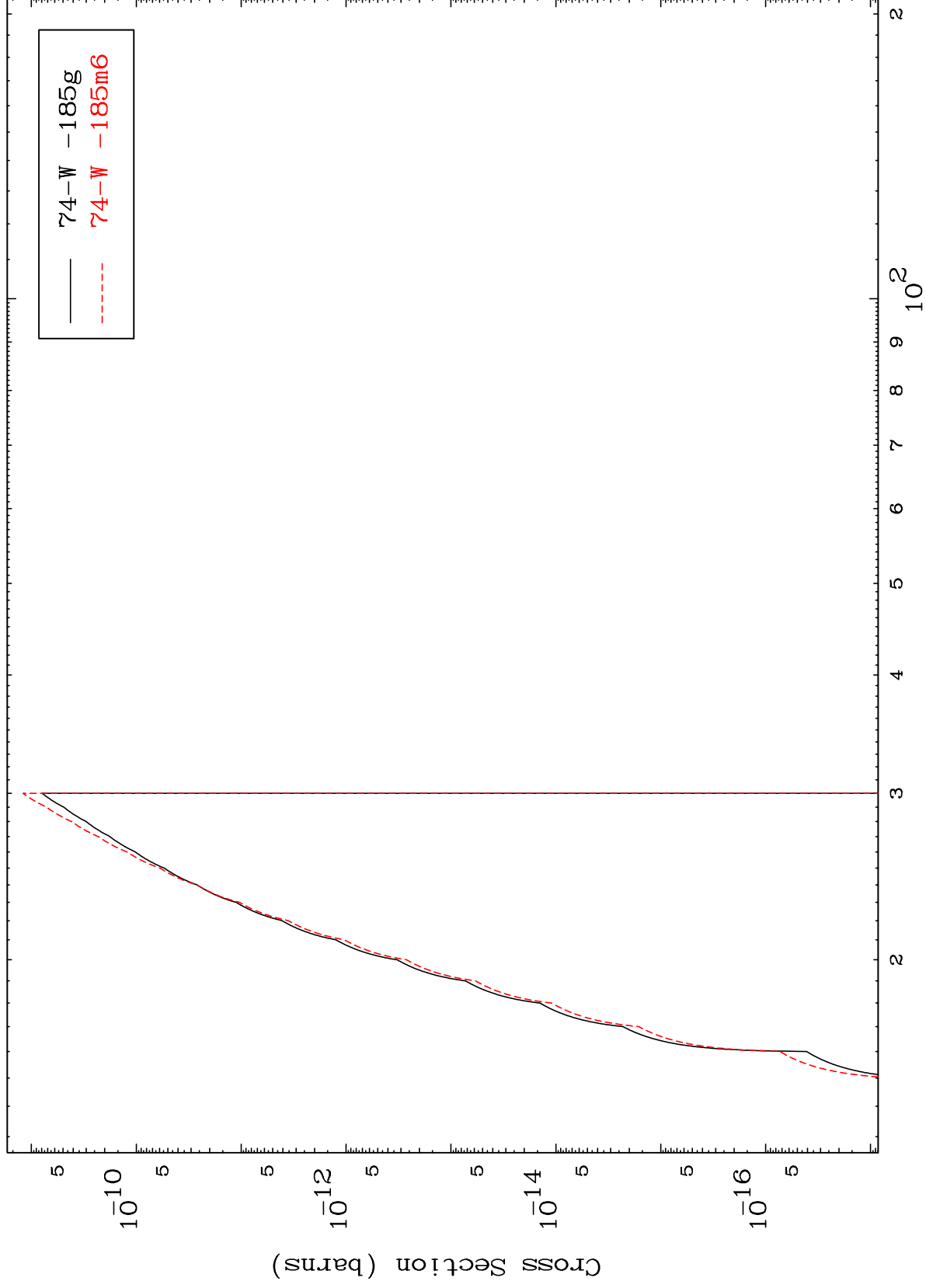
133

MAT 7722

(n,d)  $\alpha$

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



134

Incident Energy (MeV)

<sup>77</sup>Ir-190