

Program EVALPLOT  
(Version 2017-1)

by

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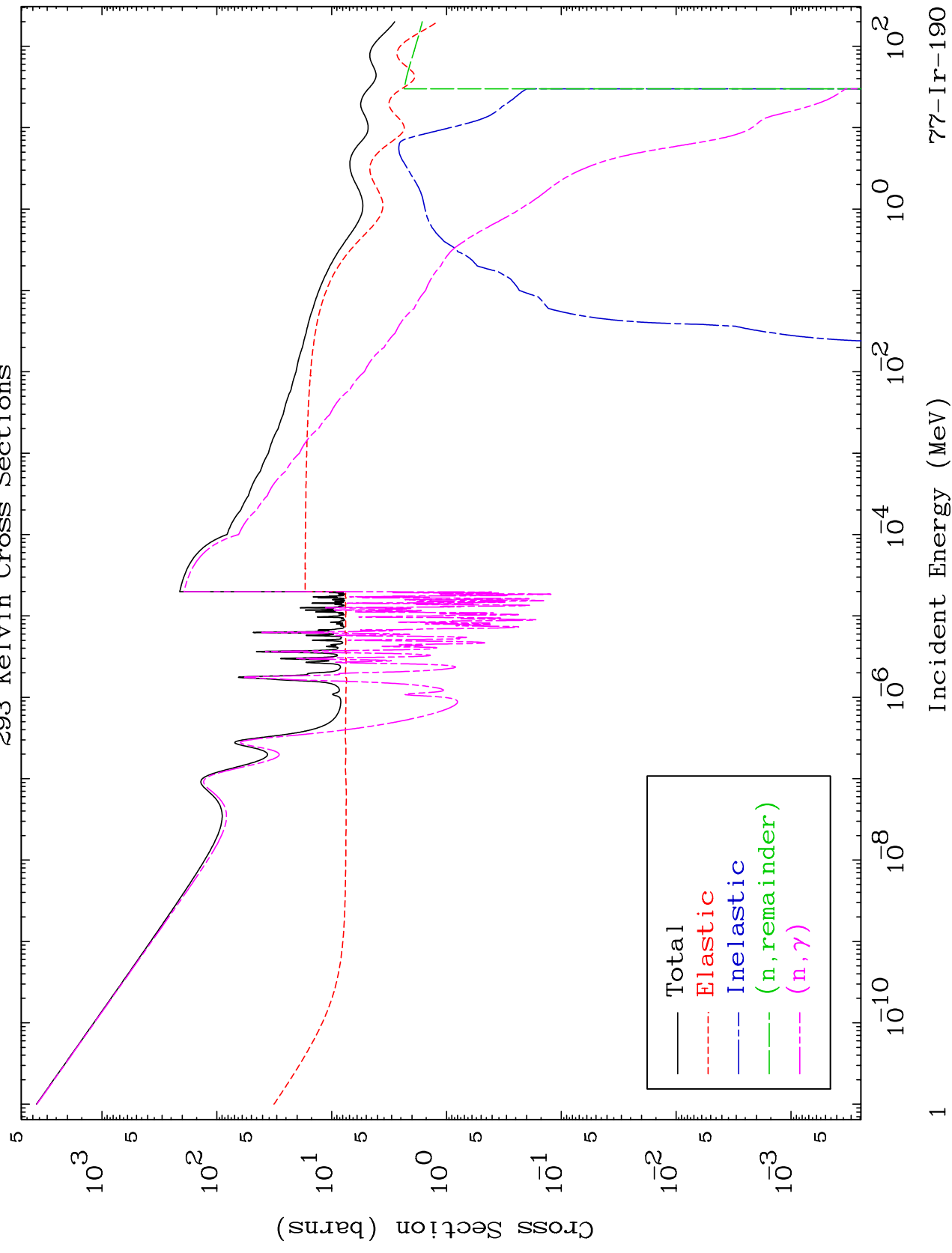
Press Mouse Button to Start

MAT 7722

Major

293 Kelvin Cross Sections

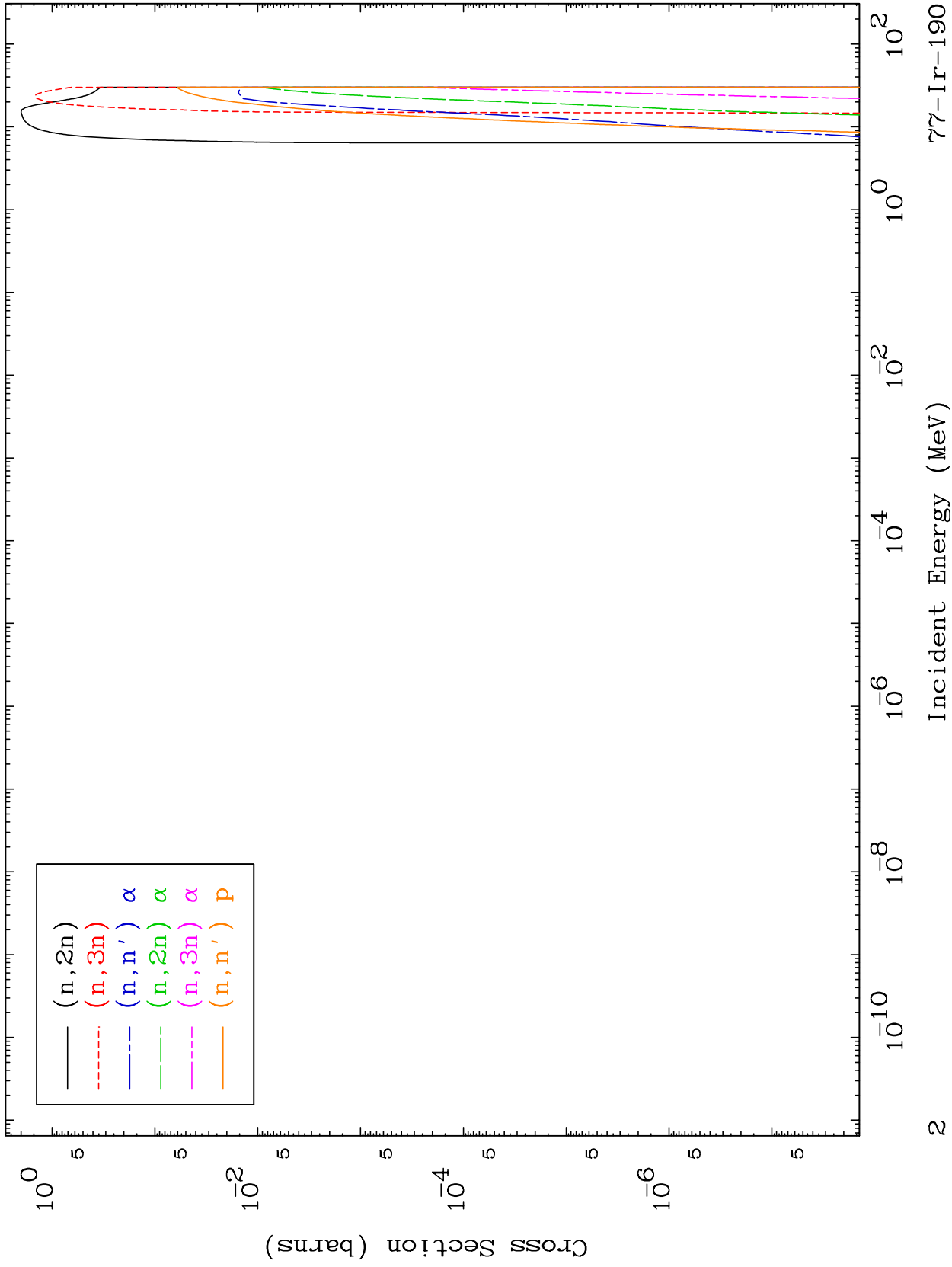
77-Ir-190

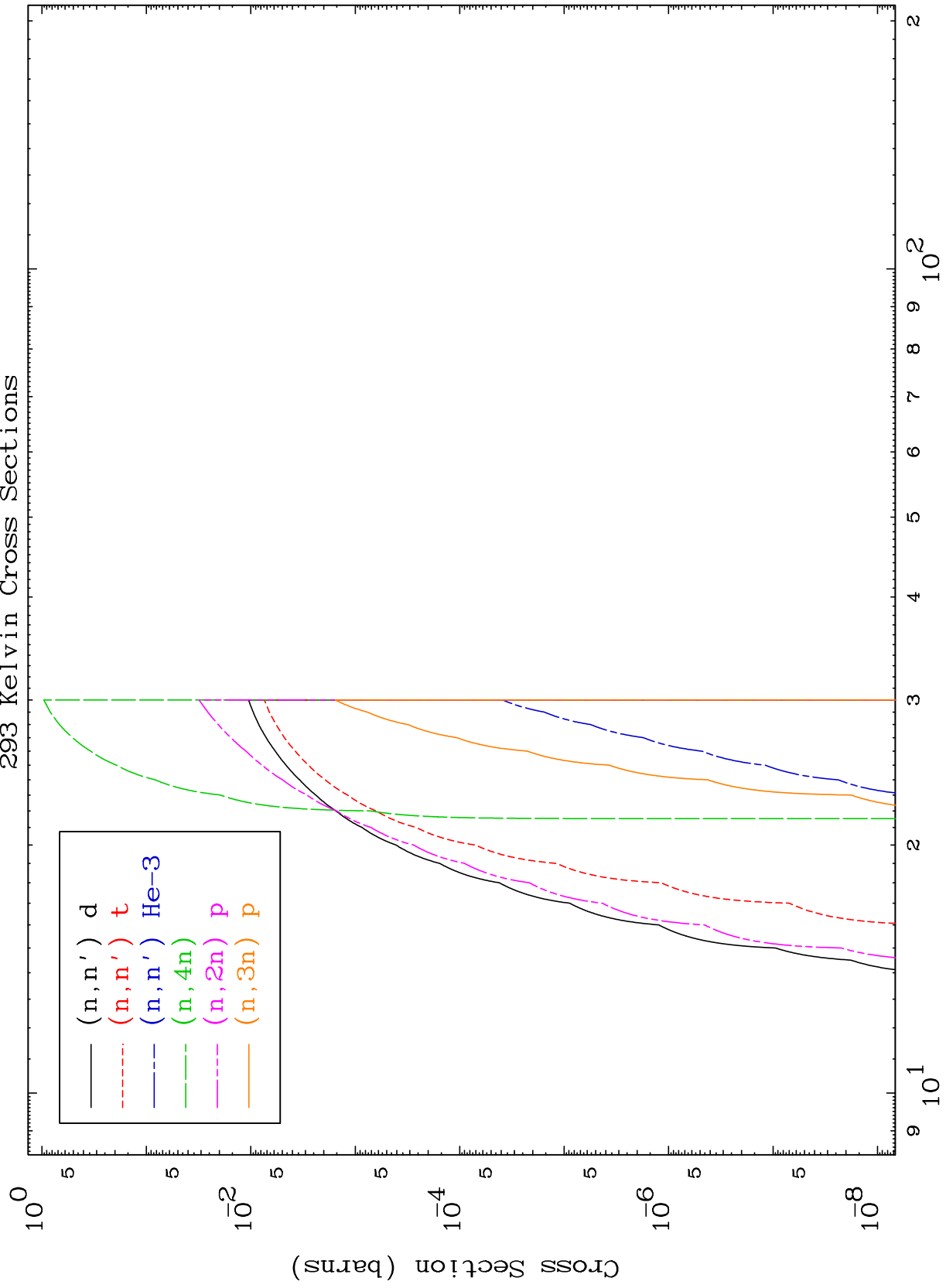


MAT 7722

Neutron Production  
293 Kelvin Cross Sections

77-Ir-190

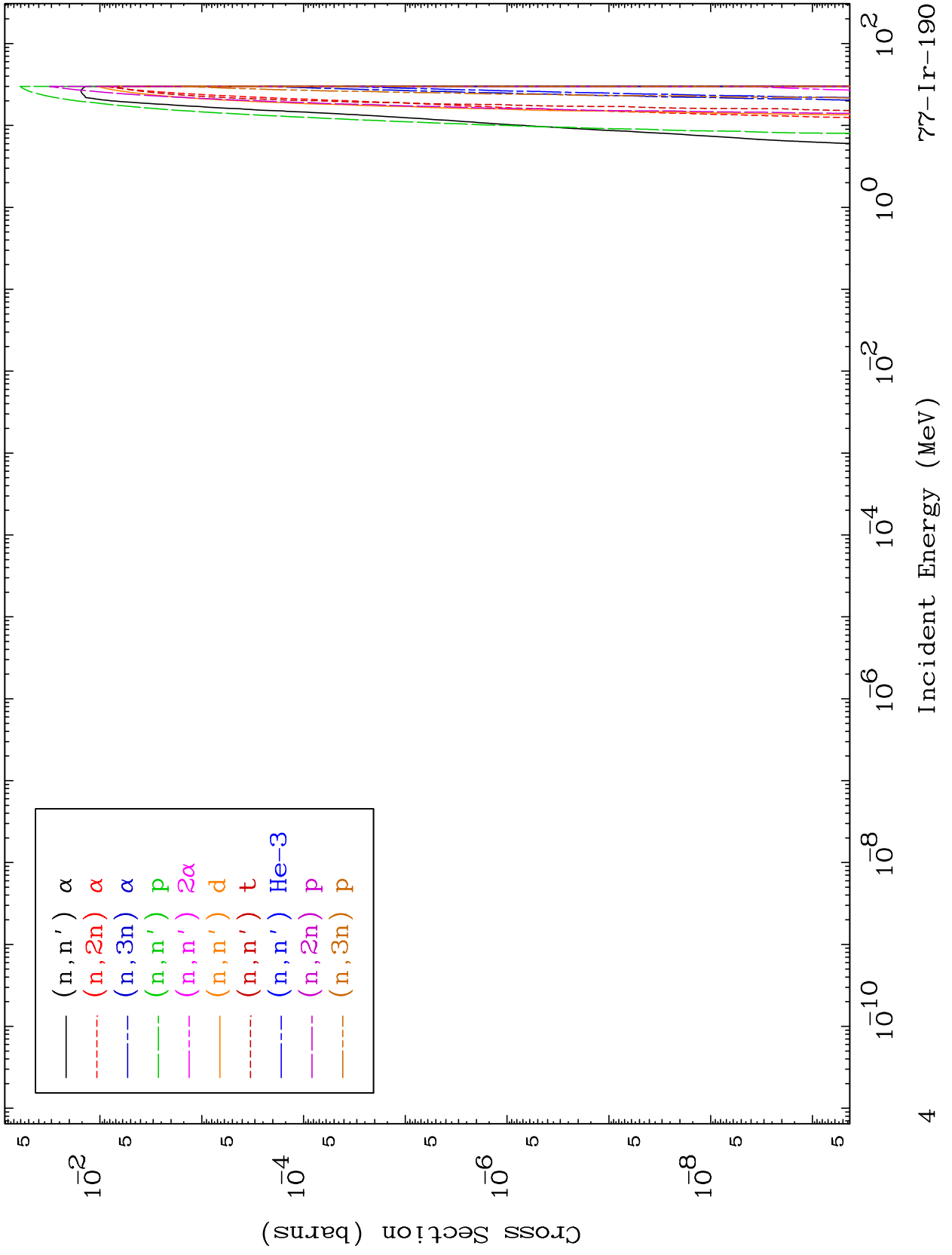




MAT 7722

Charged Particle  
293 Kelvin Cross Sections

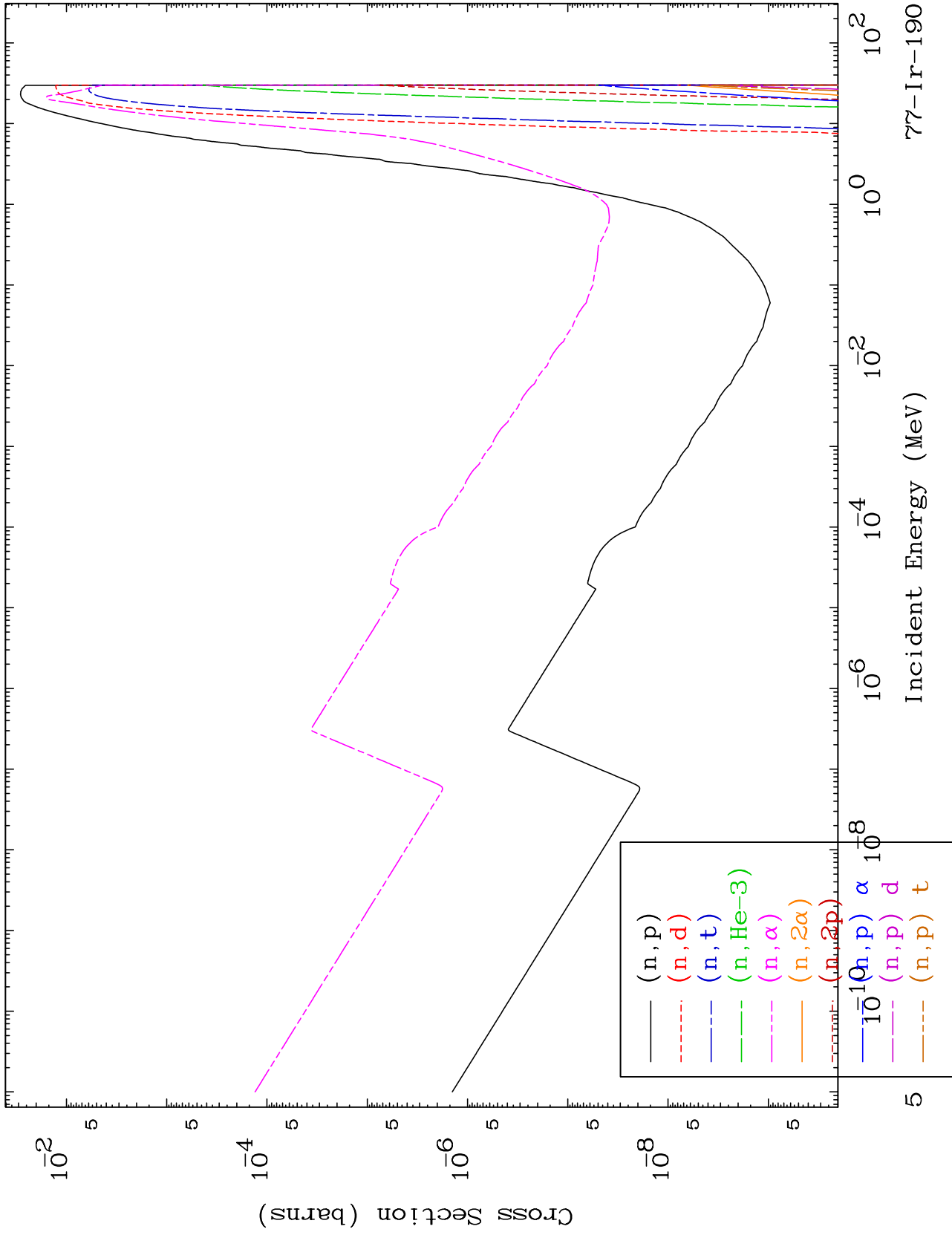
77-Ir-190



MAT 7722

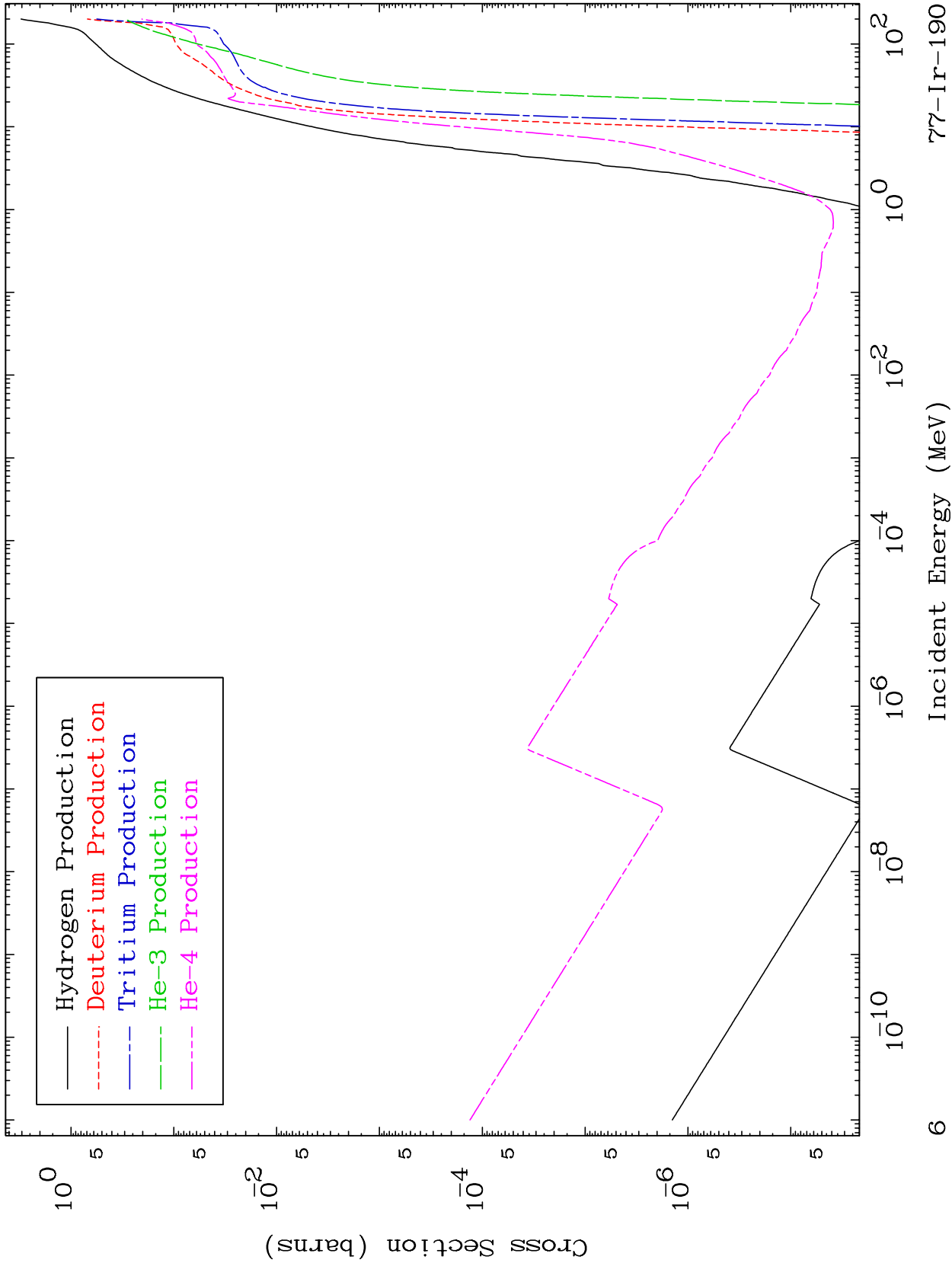
Charged Particle  
293 Kelvin Cross Sections

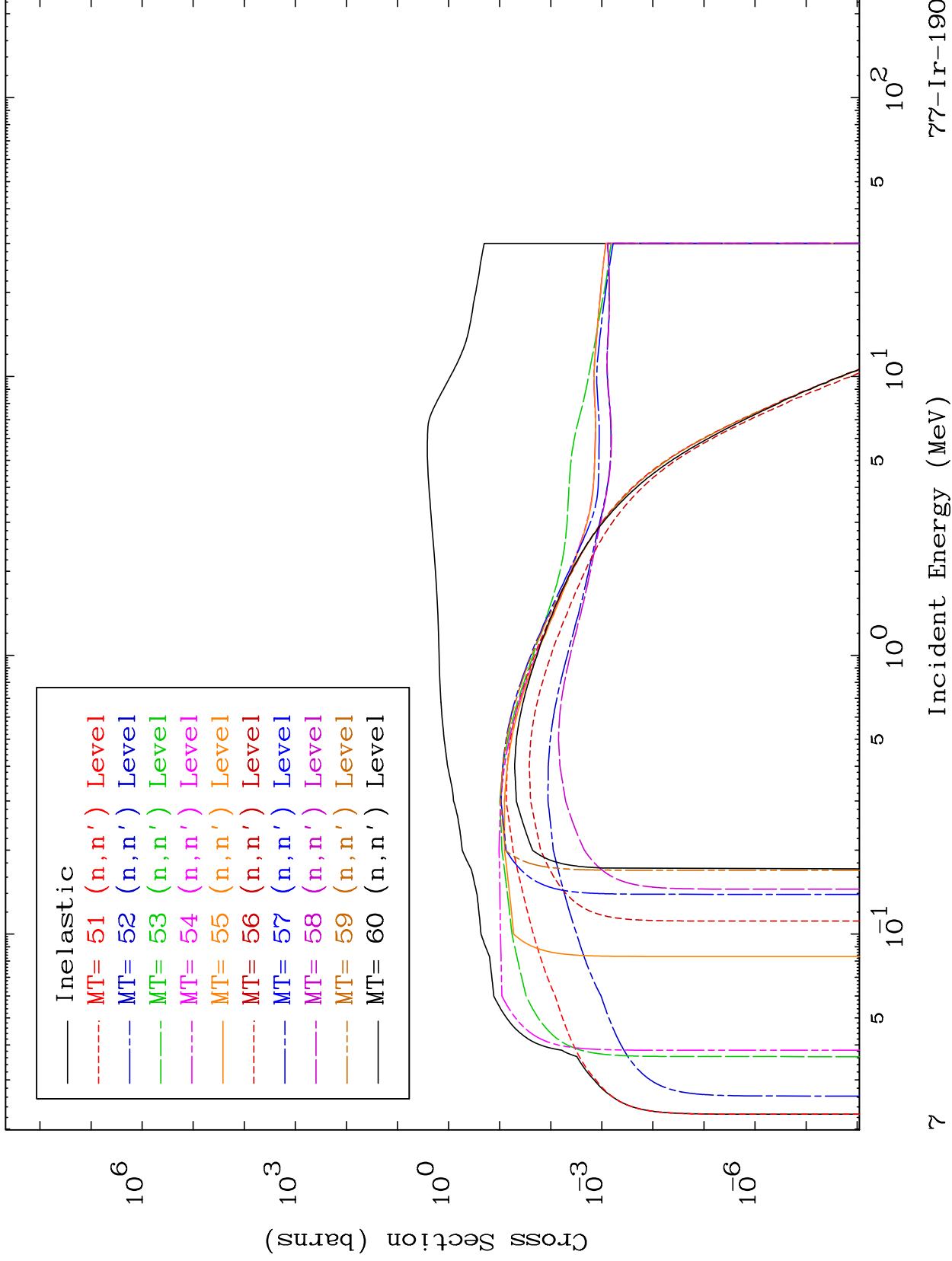
77-Ir-190



77-Ir-190

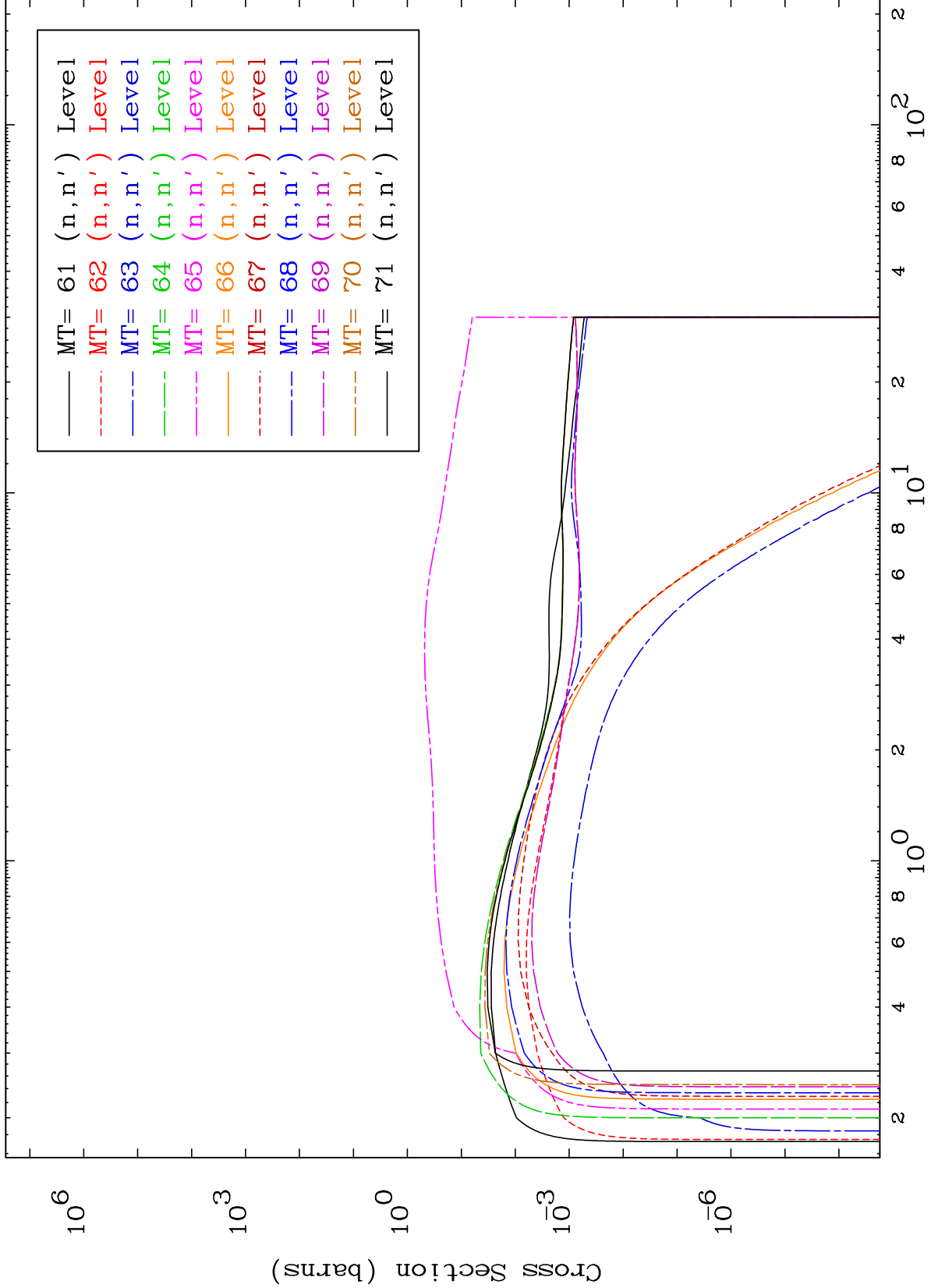
Incident Energy (MeV)



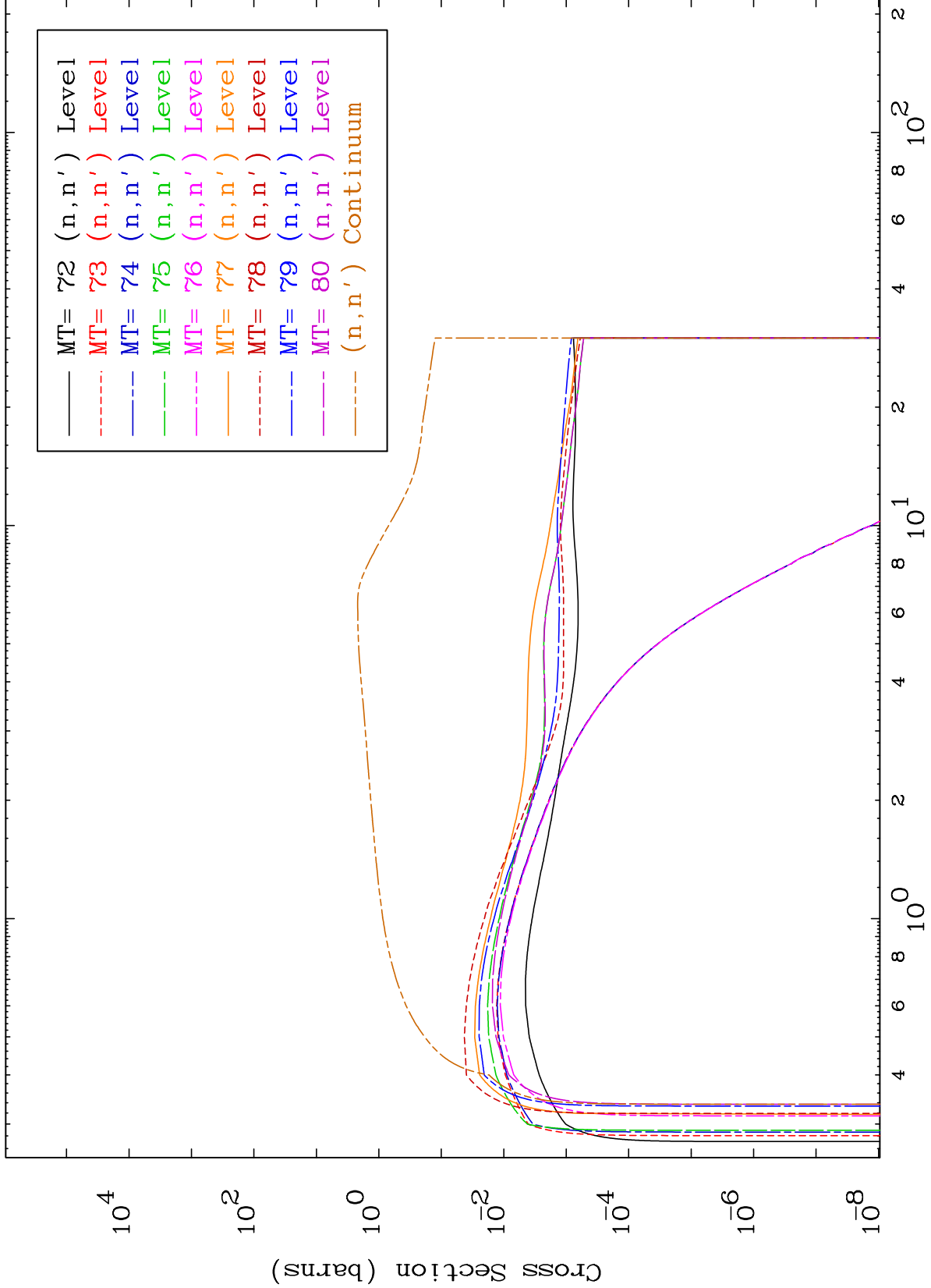




293 Kelvin Cross Sections



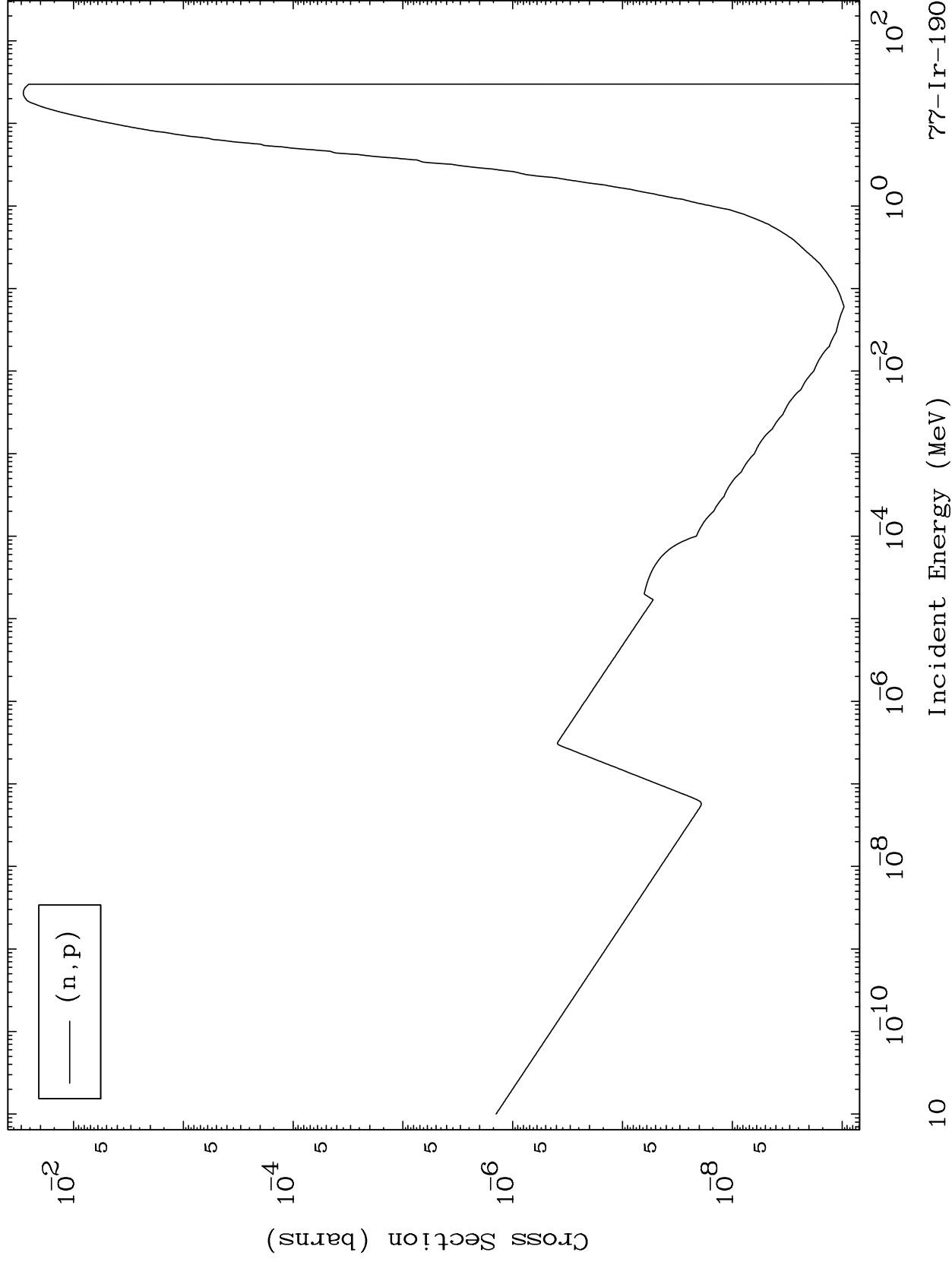
293 Kelvin Cross Sections



MAT 7722

293 (n,p) Levels  
Kelvin Cross Sections

77-Ir-190

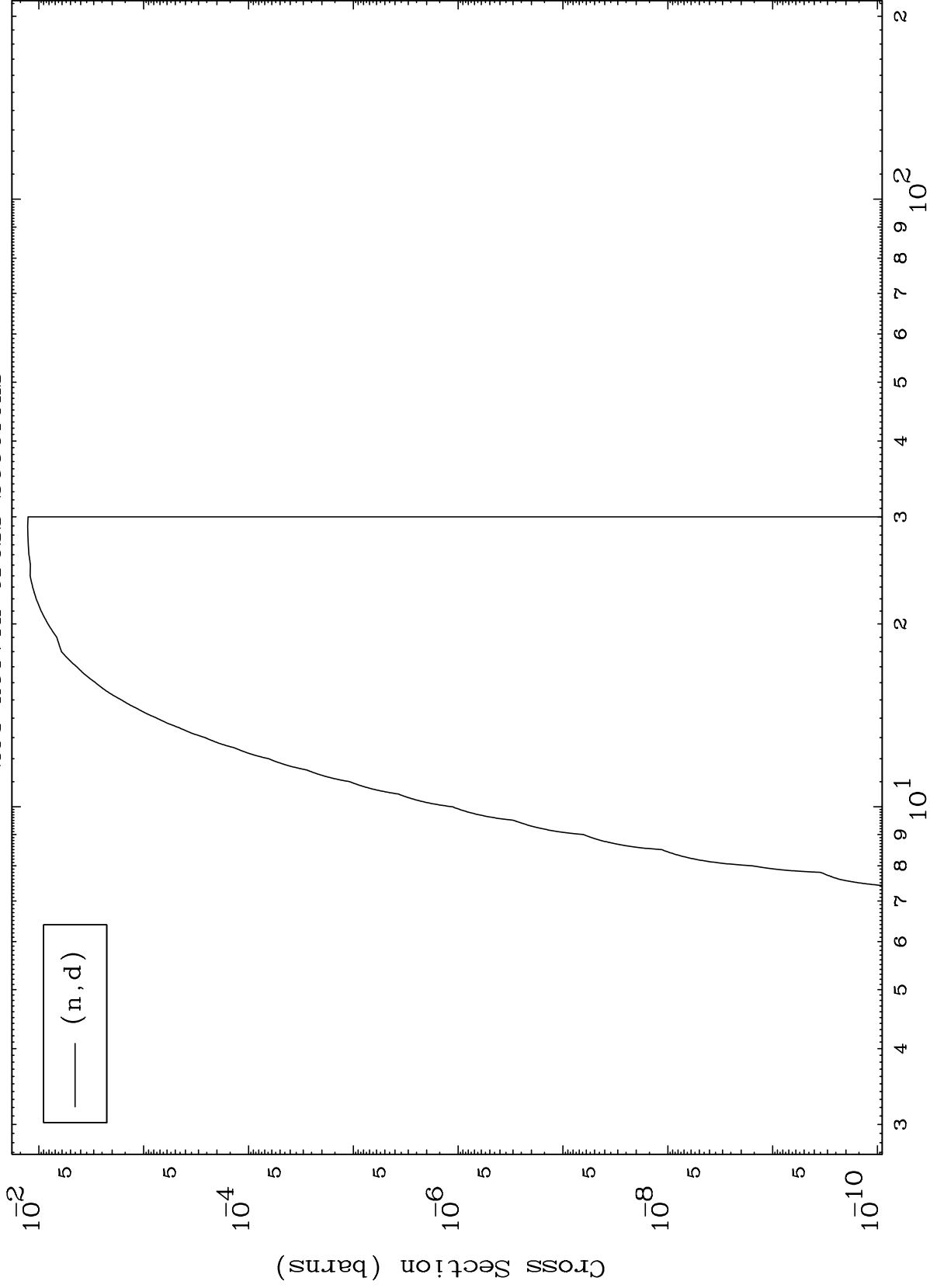


77-Ir-190

MAT 7722

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-190



11

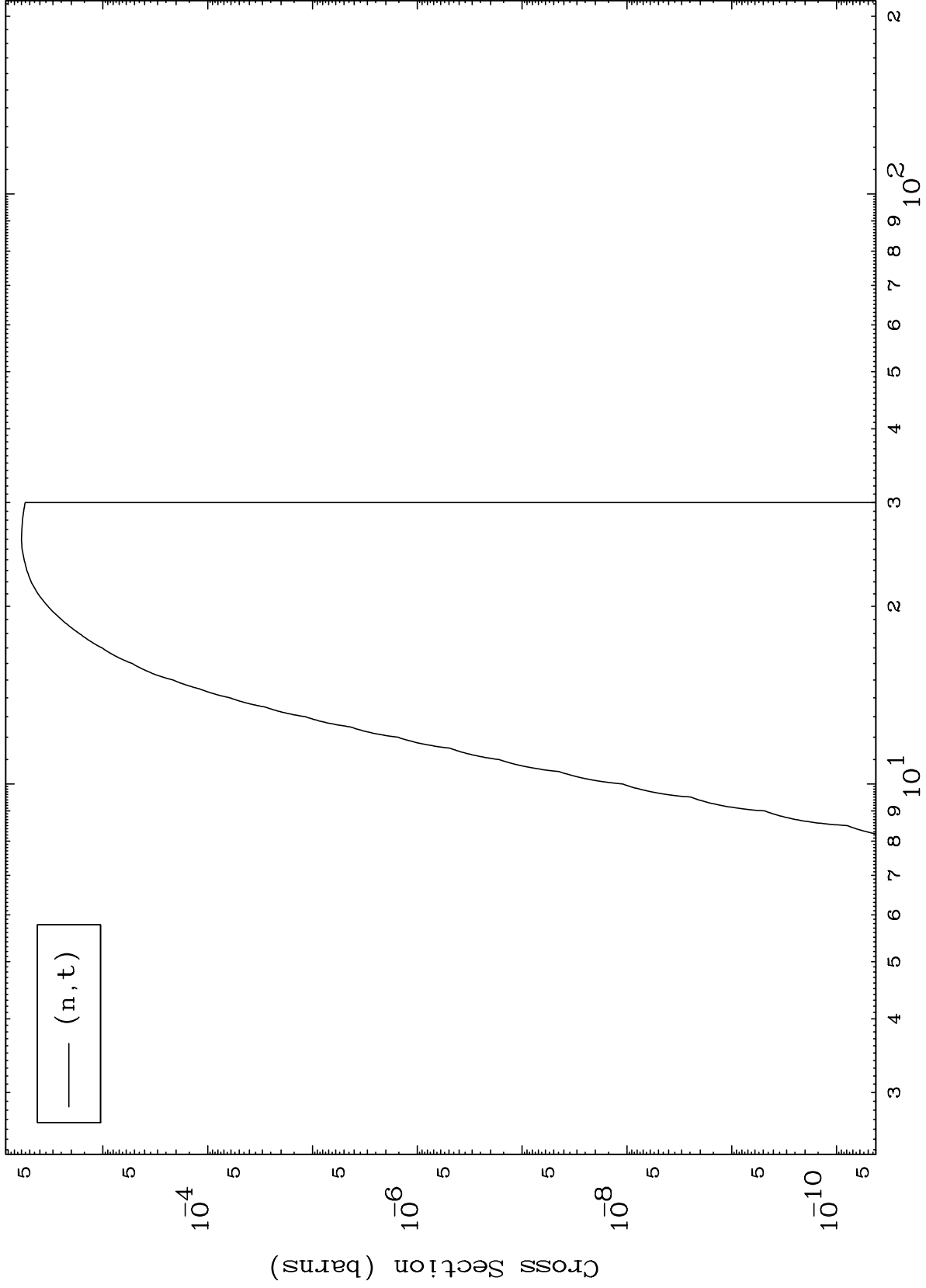
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-190



(n,t)

Incident Energy (MeV)

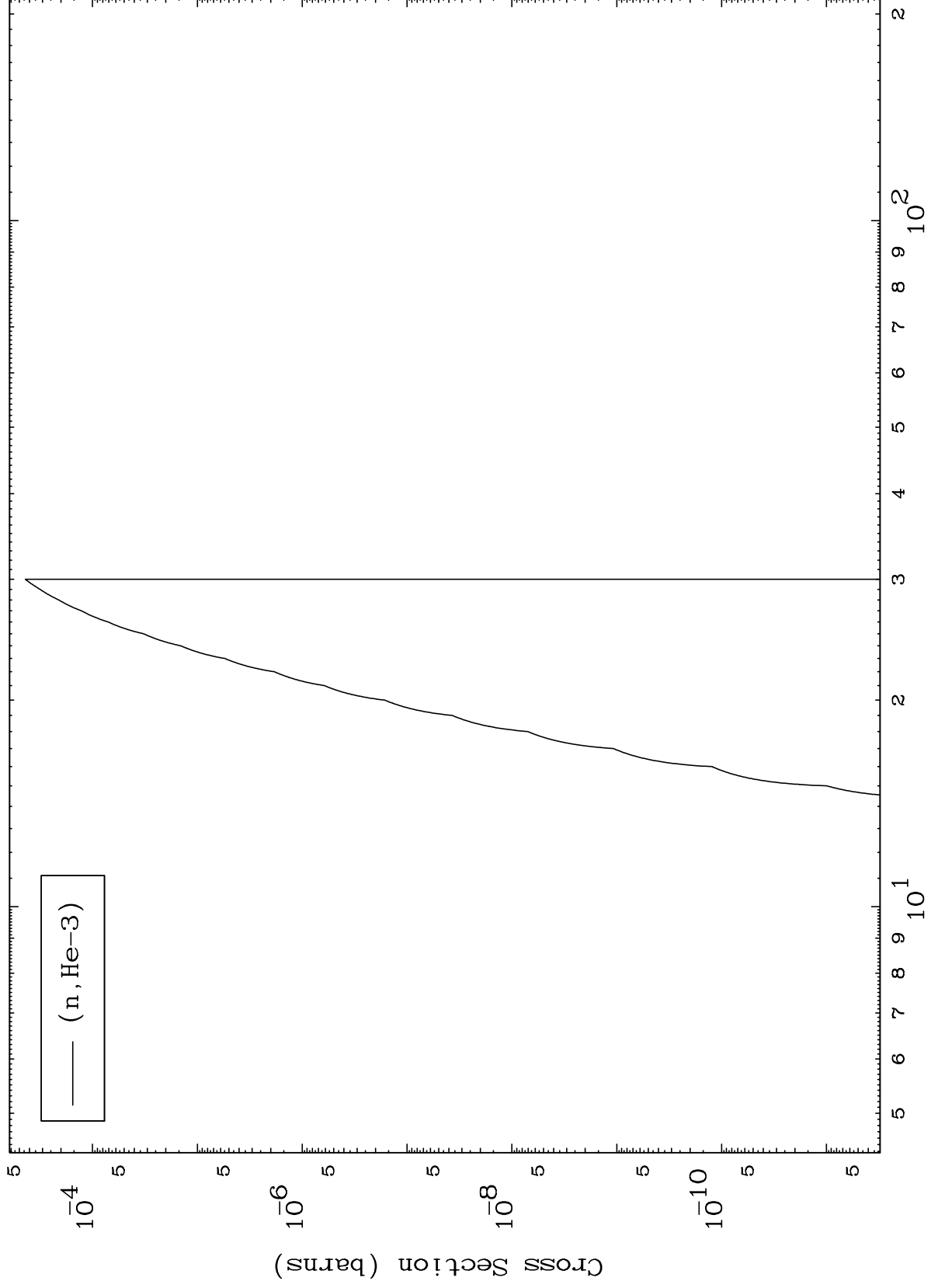
77-Ir-190

12

MAT 7722

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-190



13

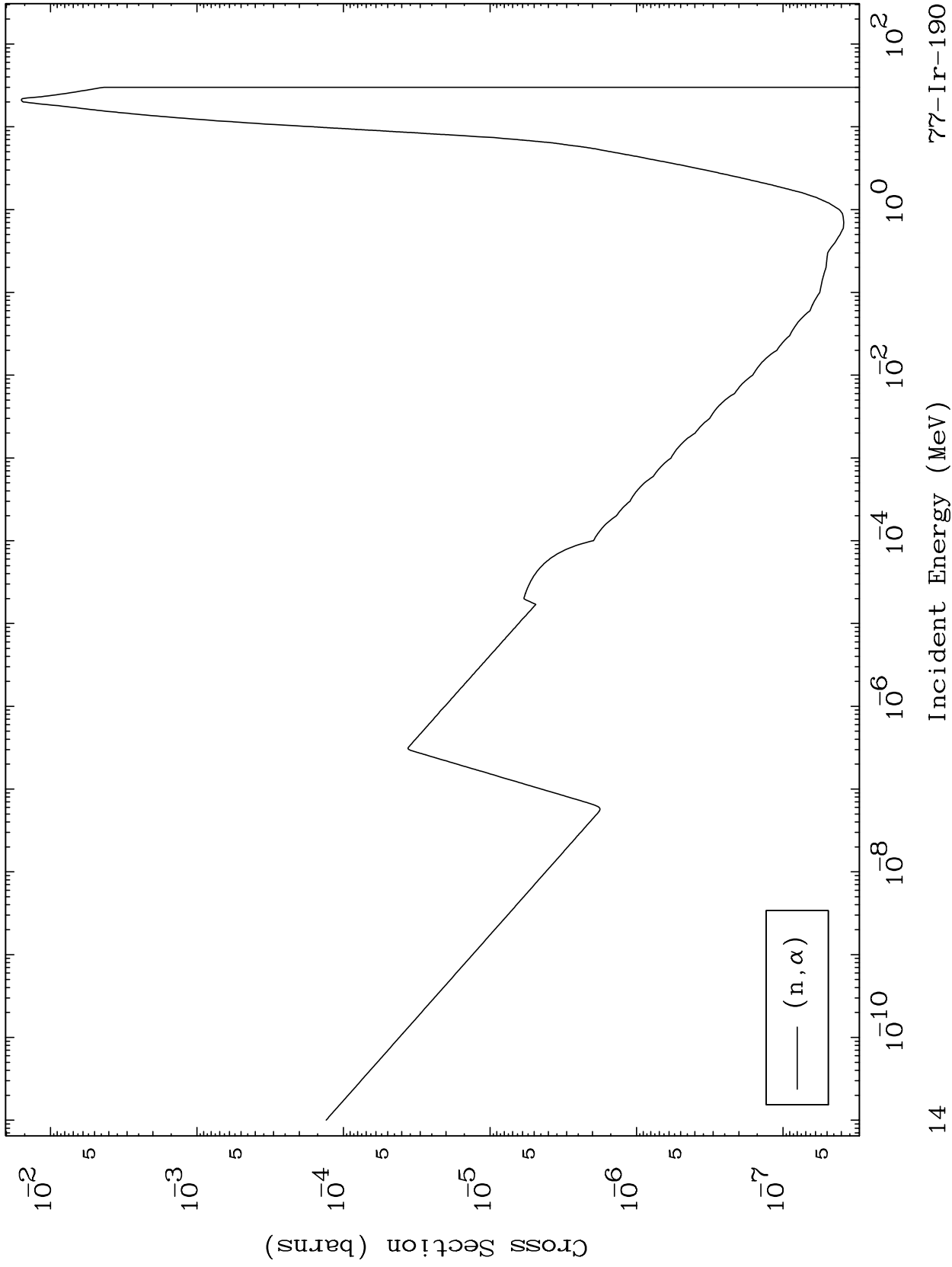
Incident Energy (MeV)

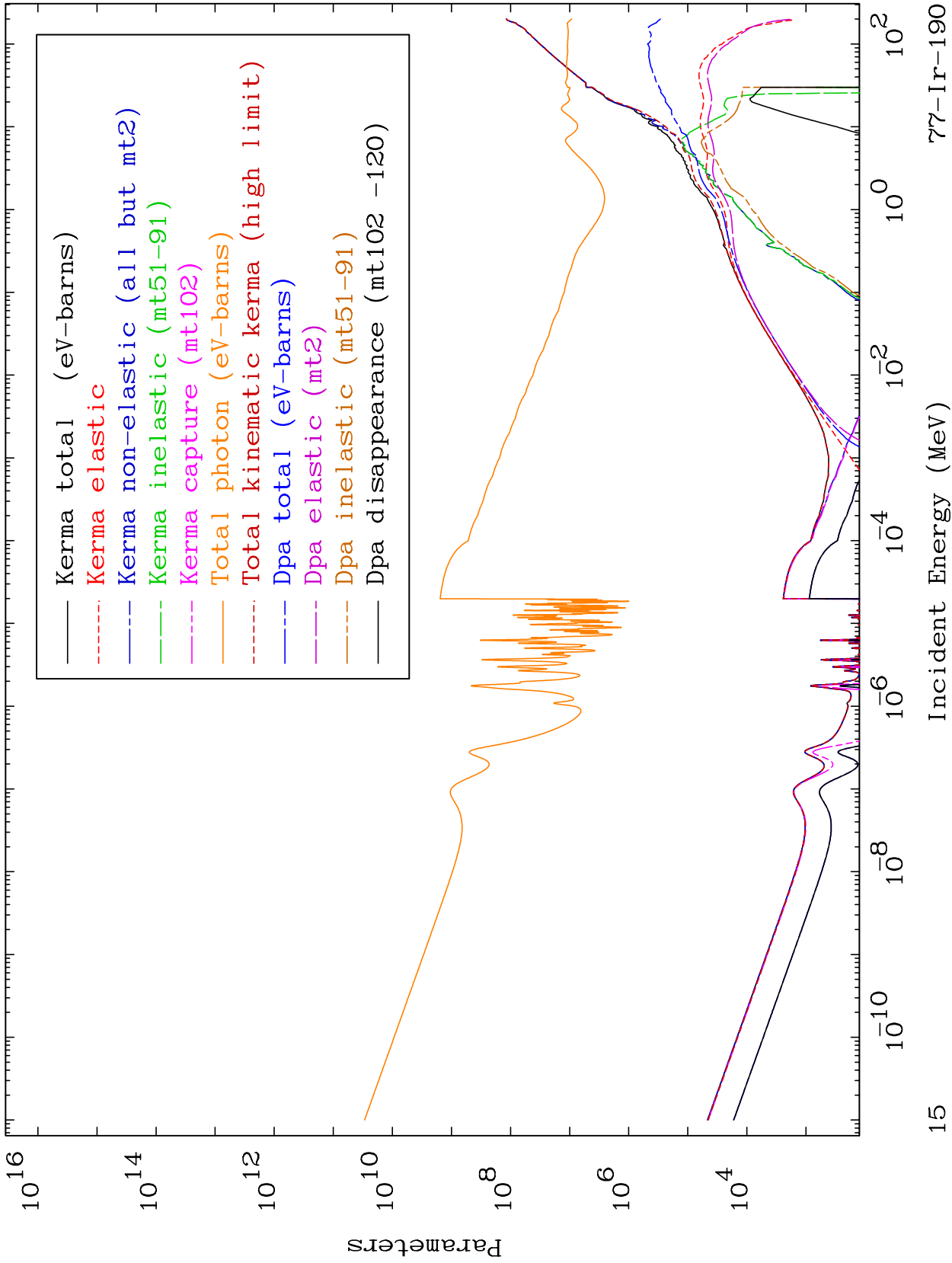
77-Ir-190

MAT 7722

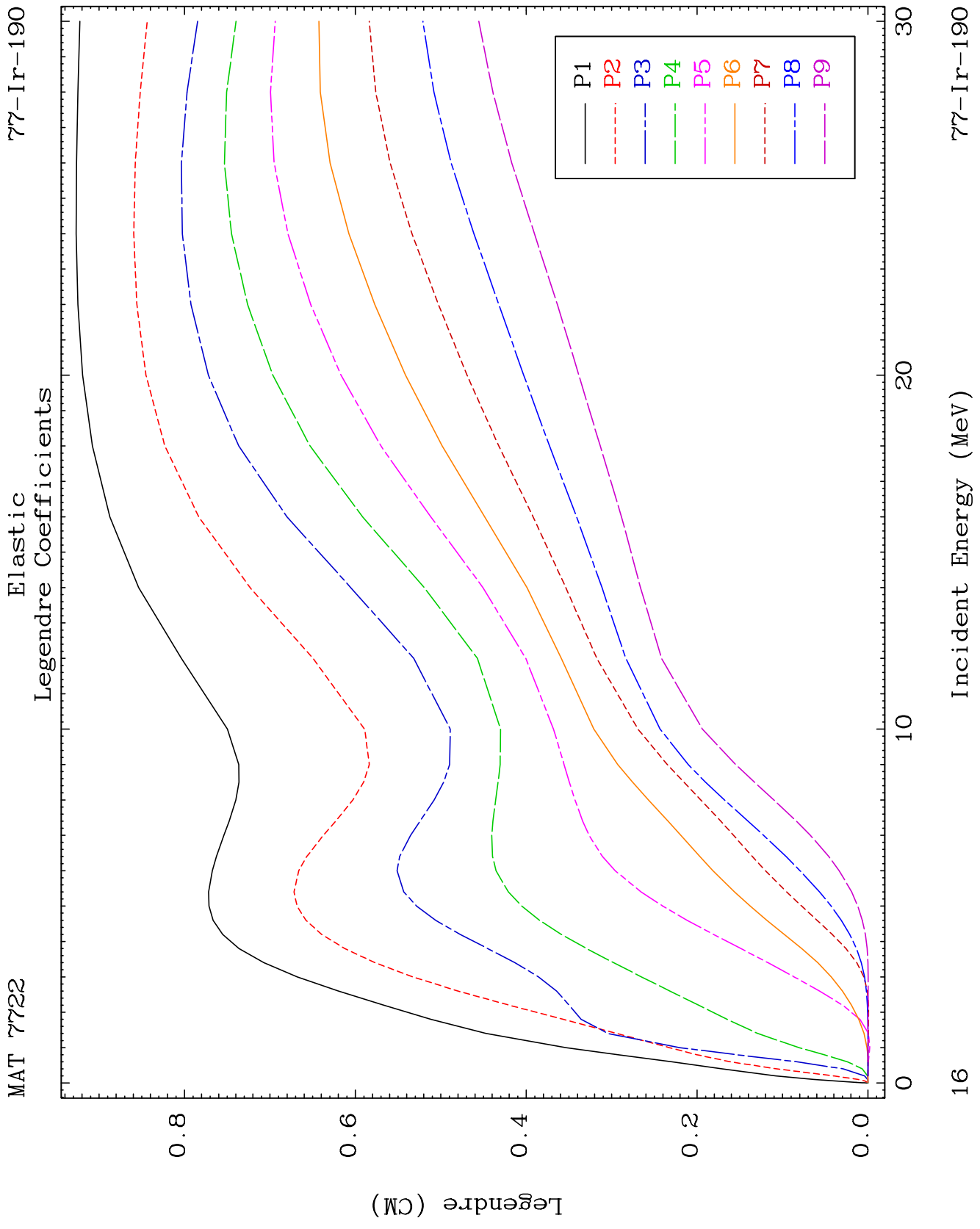
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

77-Ir-190





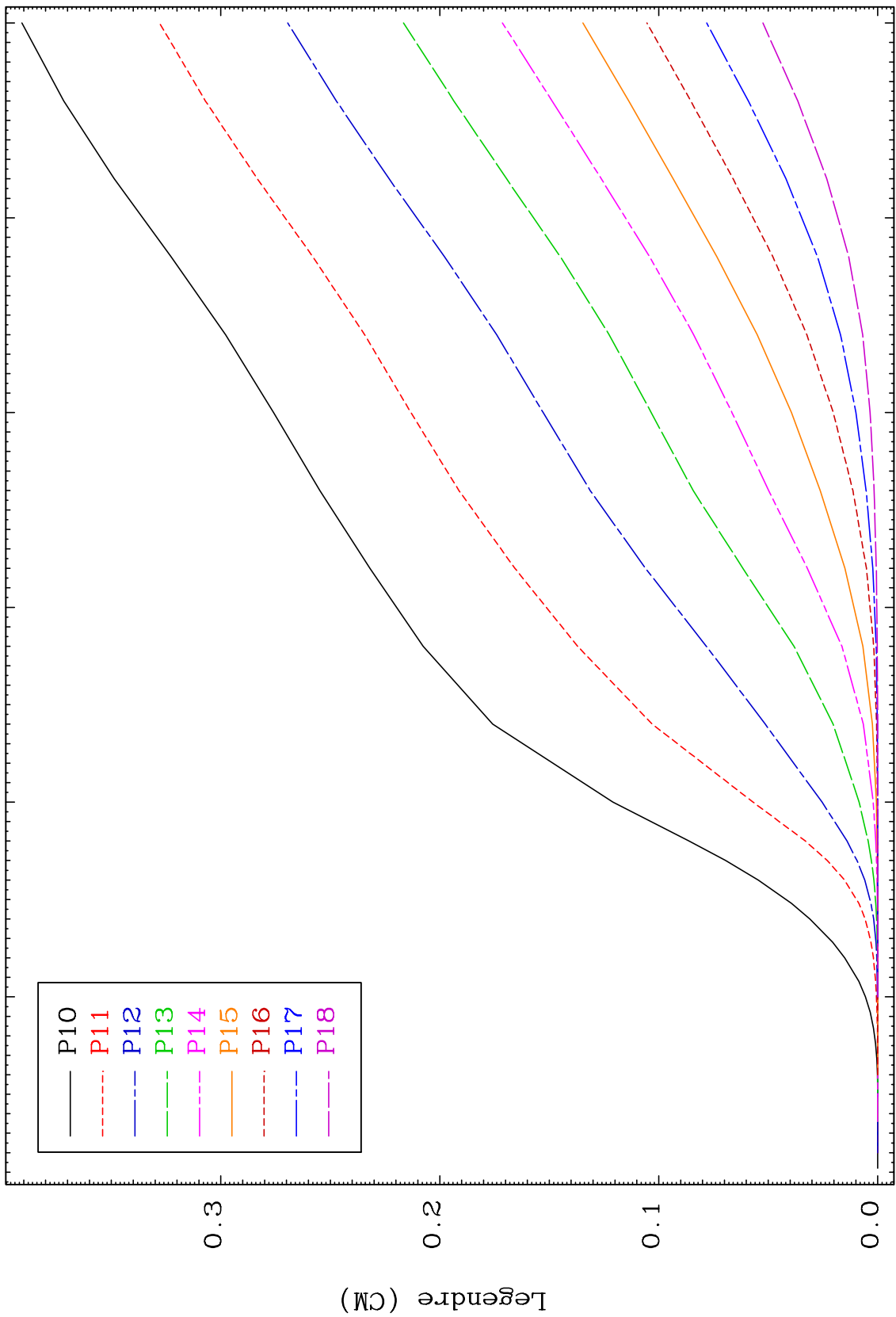




MAT 7722

Elastic Legendre Coefficients

<sup>77</sup>Ir-190



17

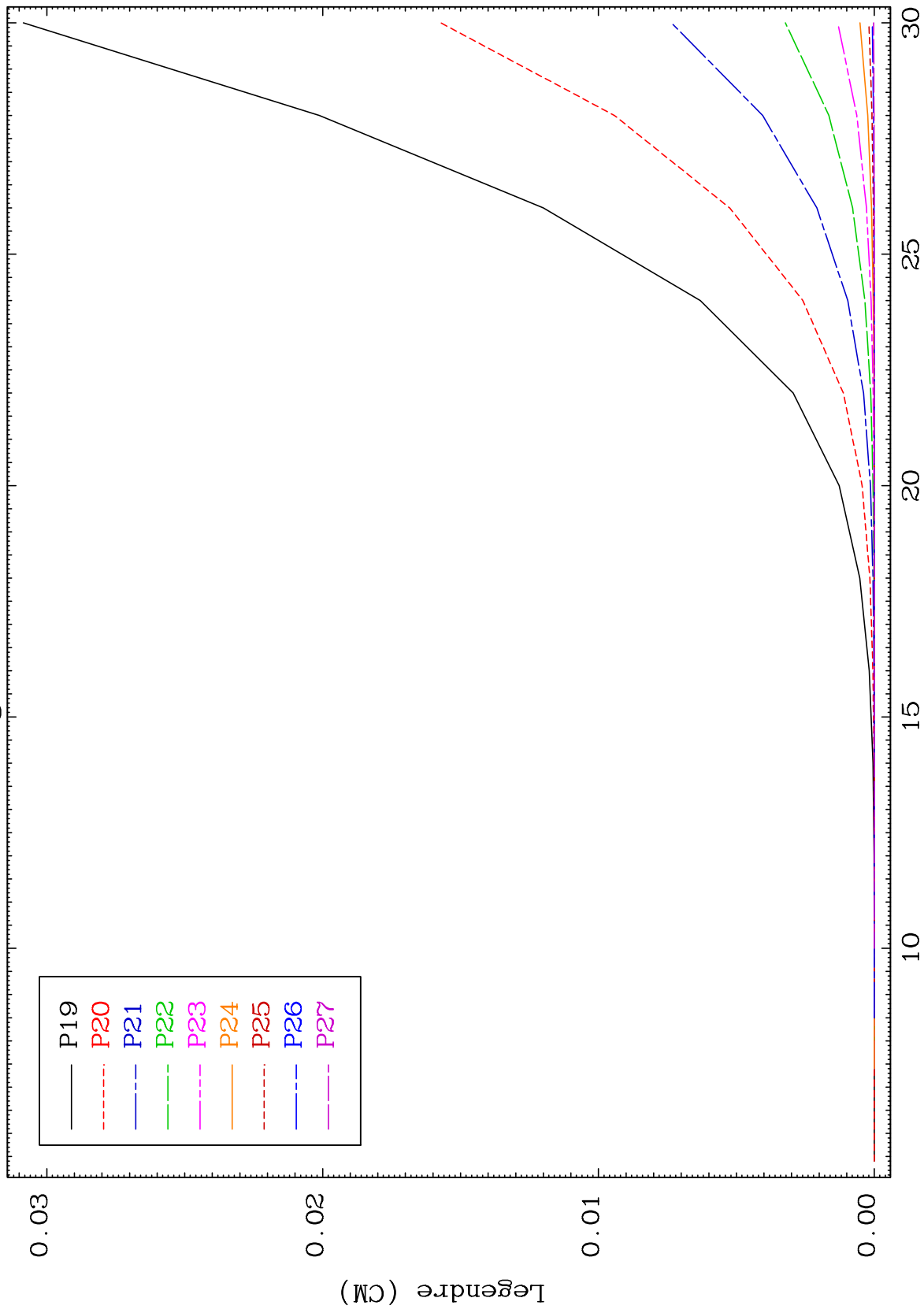
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

Elastic Legendre Coefficients

77-Ir-190



18

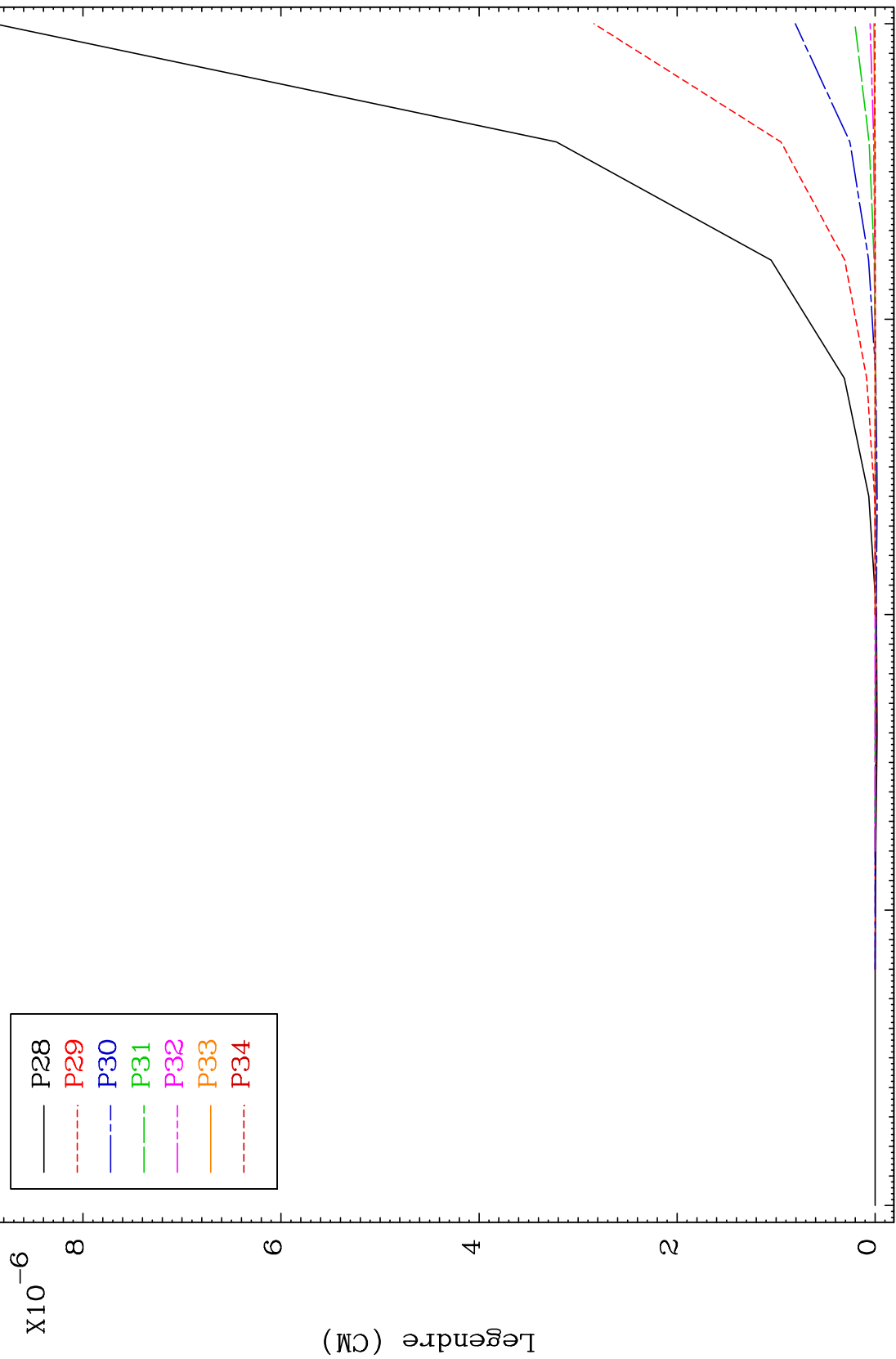
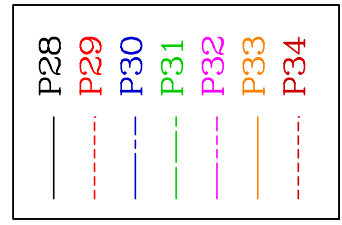
Incident Energy (MeV)

77-Ir-190

MAT 7722

Elastic Legendre Coefficients

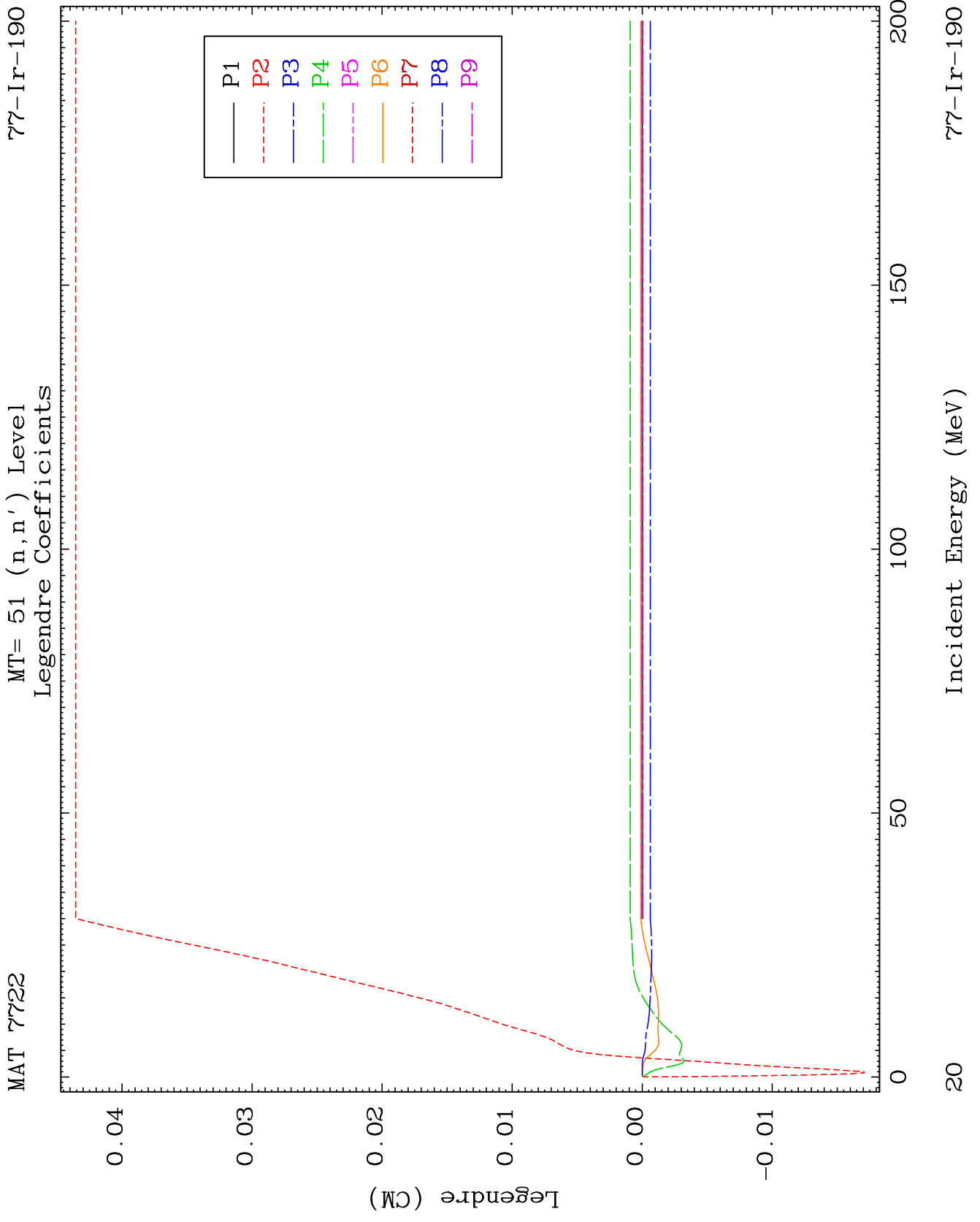
77-Ir-190



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Incident Energy (MeV)

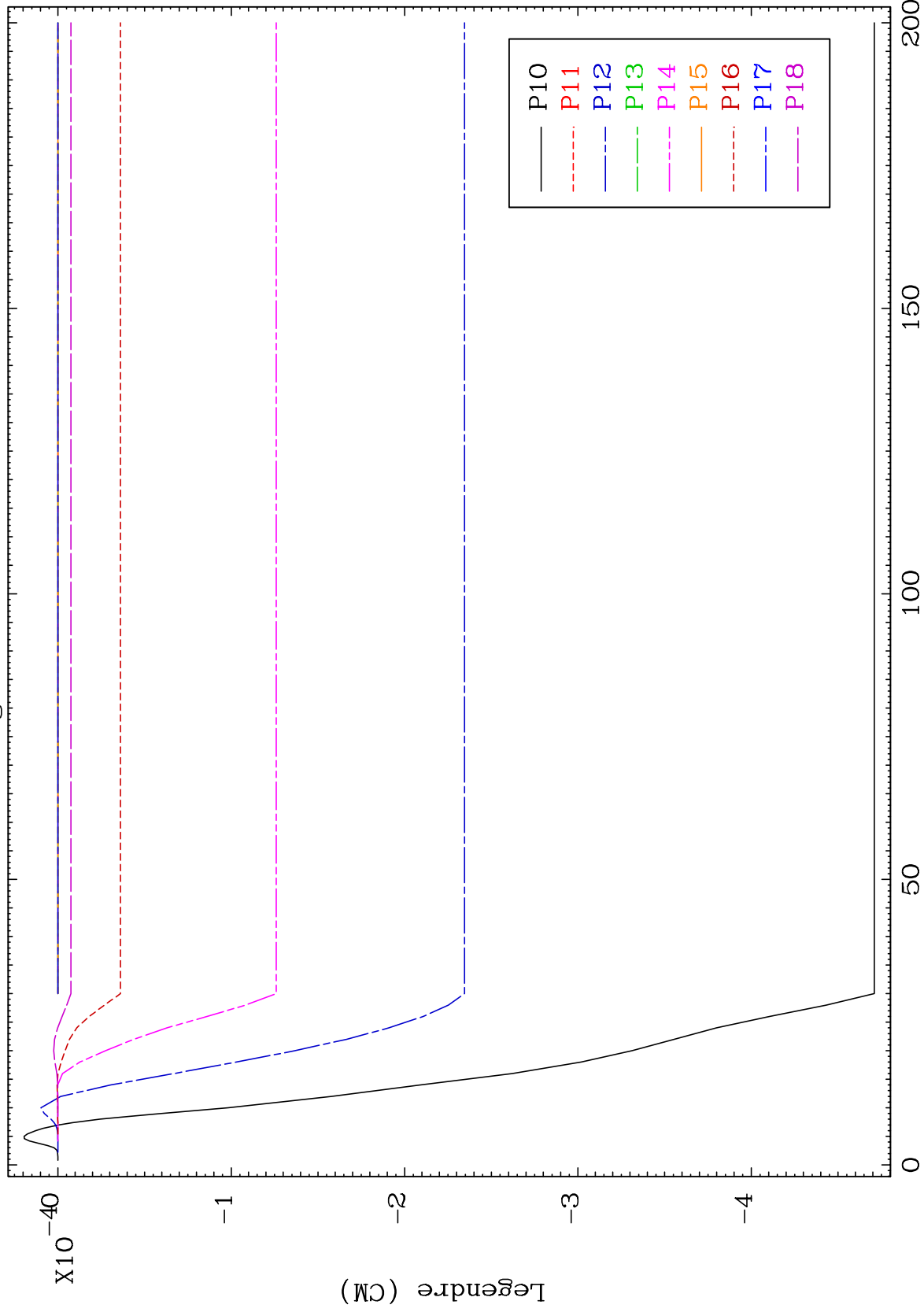
77-Ir-190



MAT 7722

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

77-Ir-190



21

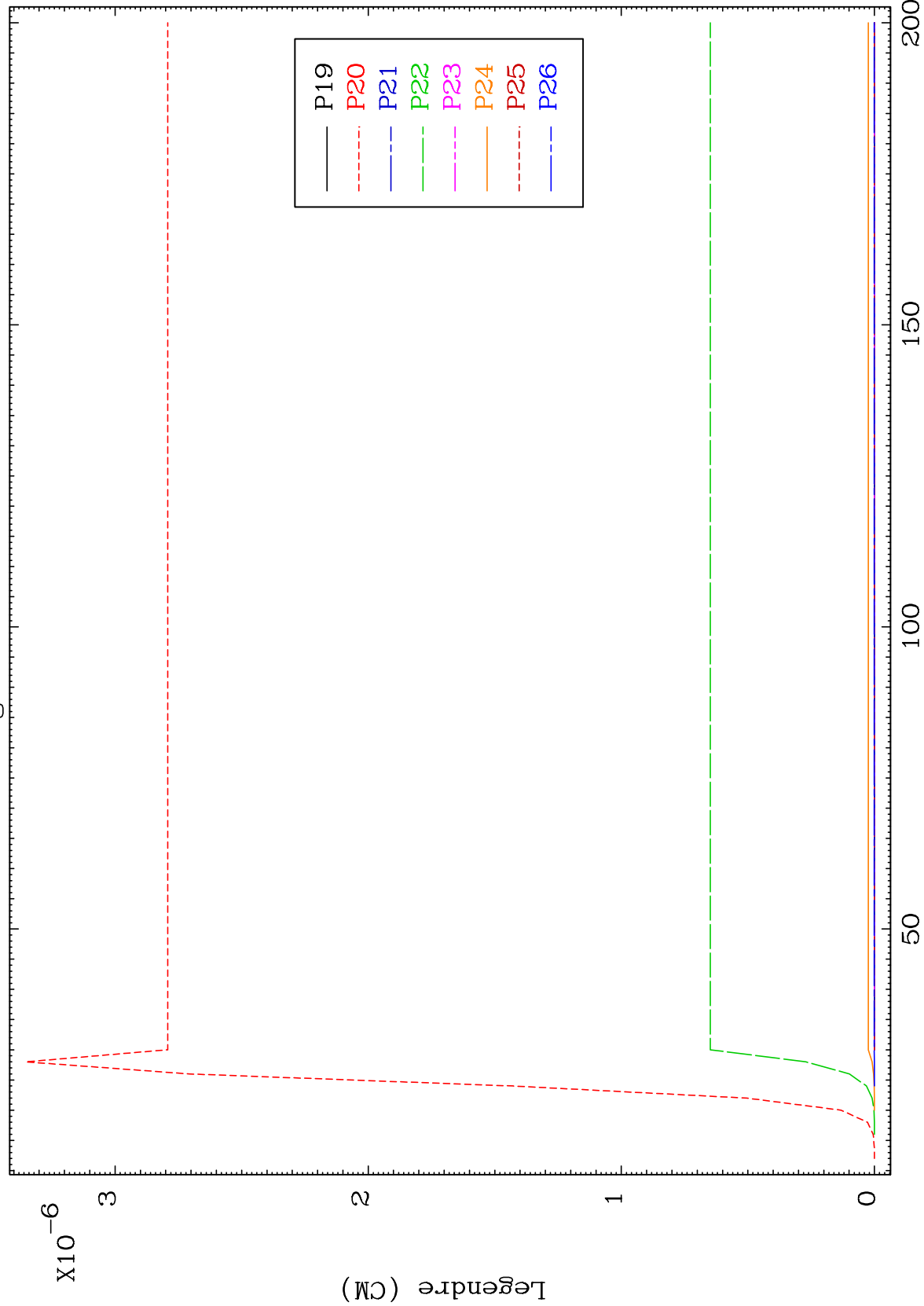
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



22

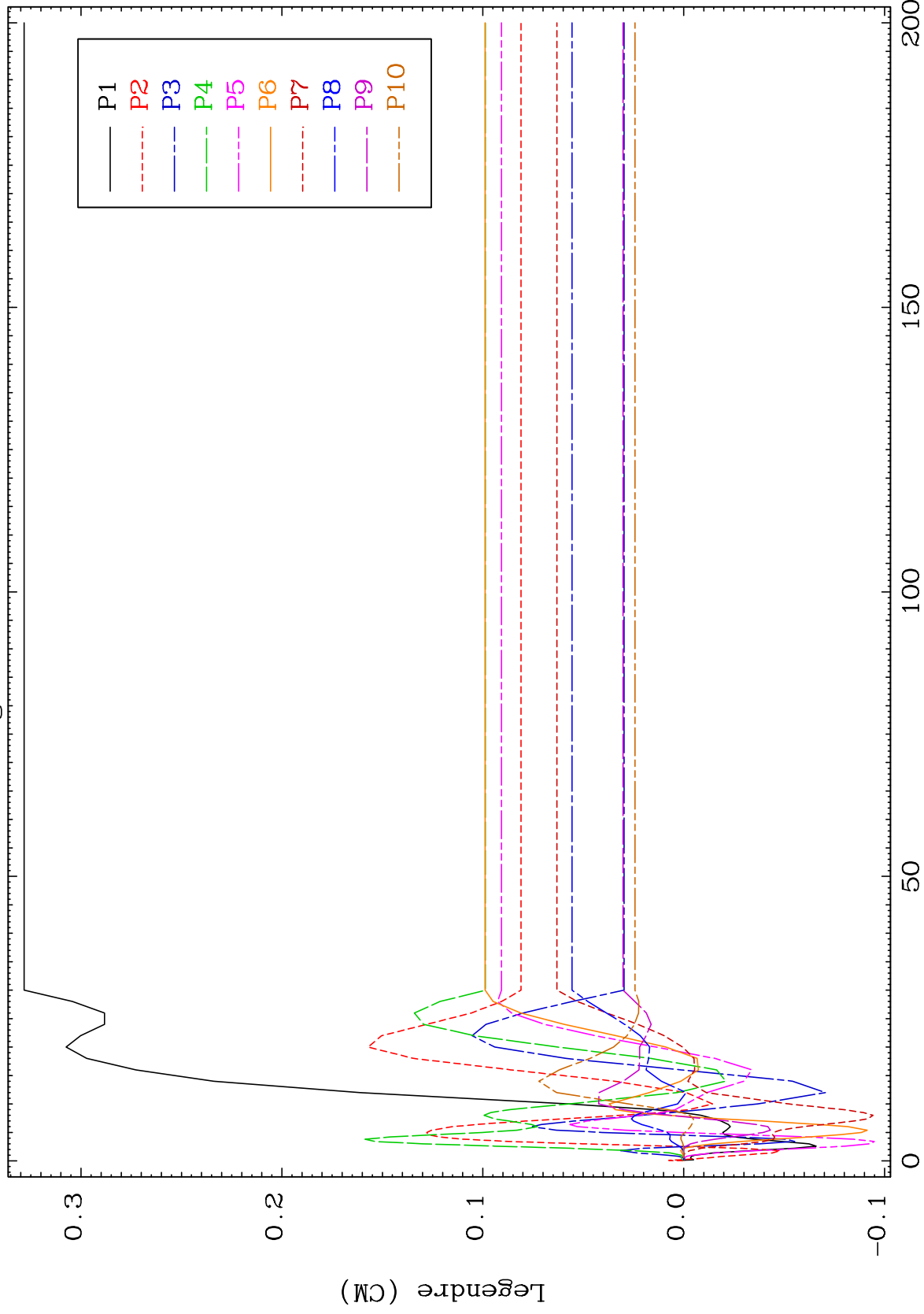
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

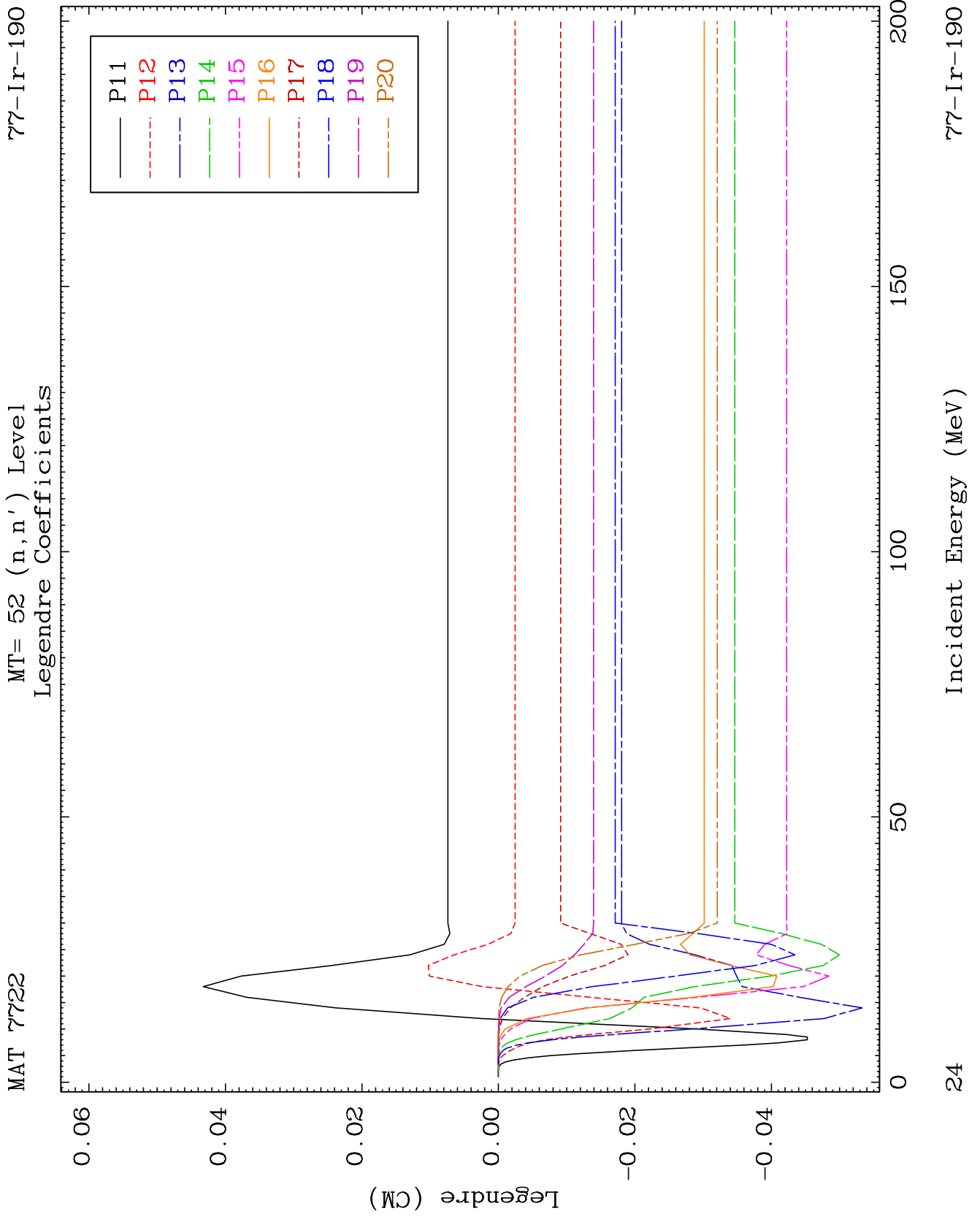


23

Incident Energy (MeV)

77-Ir-190





77-Ir-190

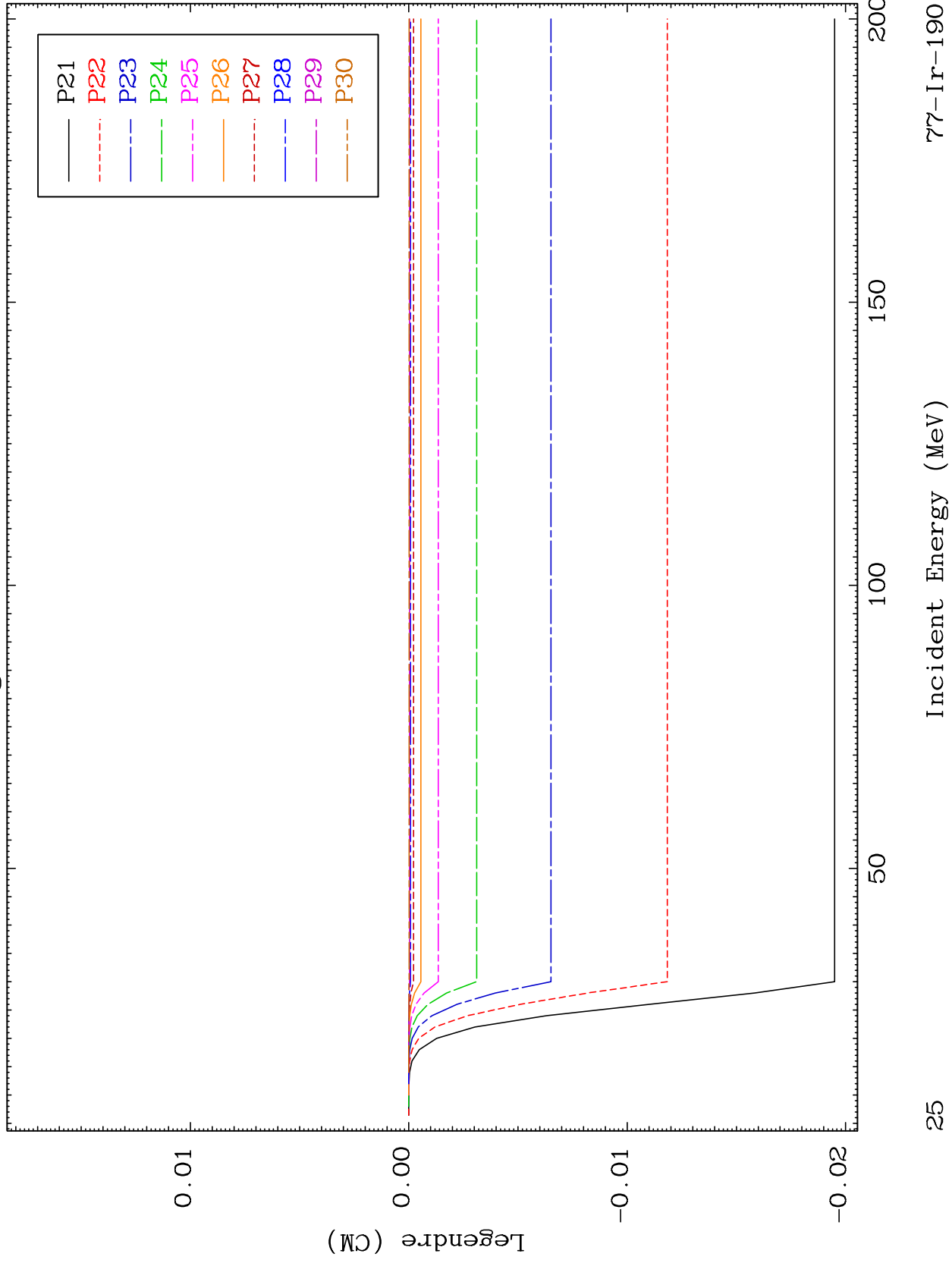
Incident Energy (MeV)

24

MAT 7722

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

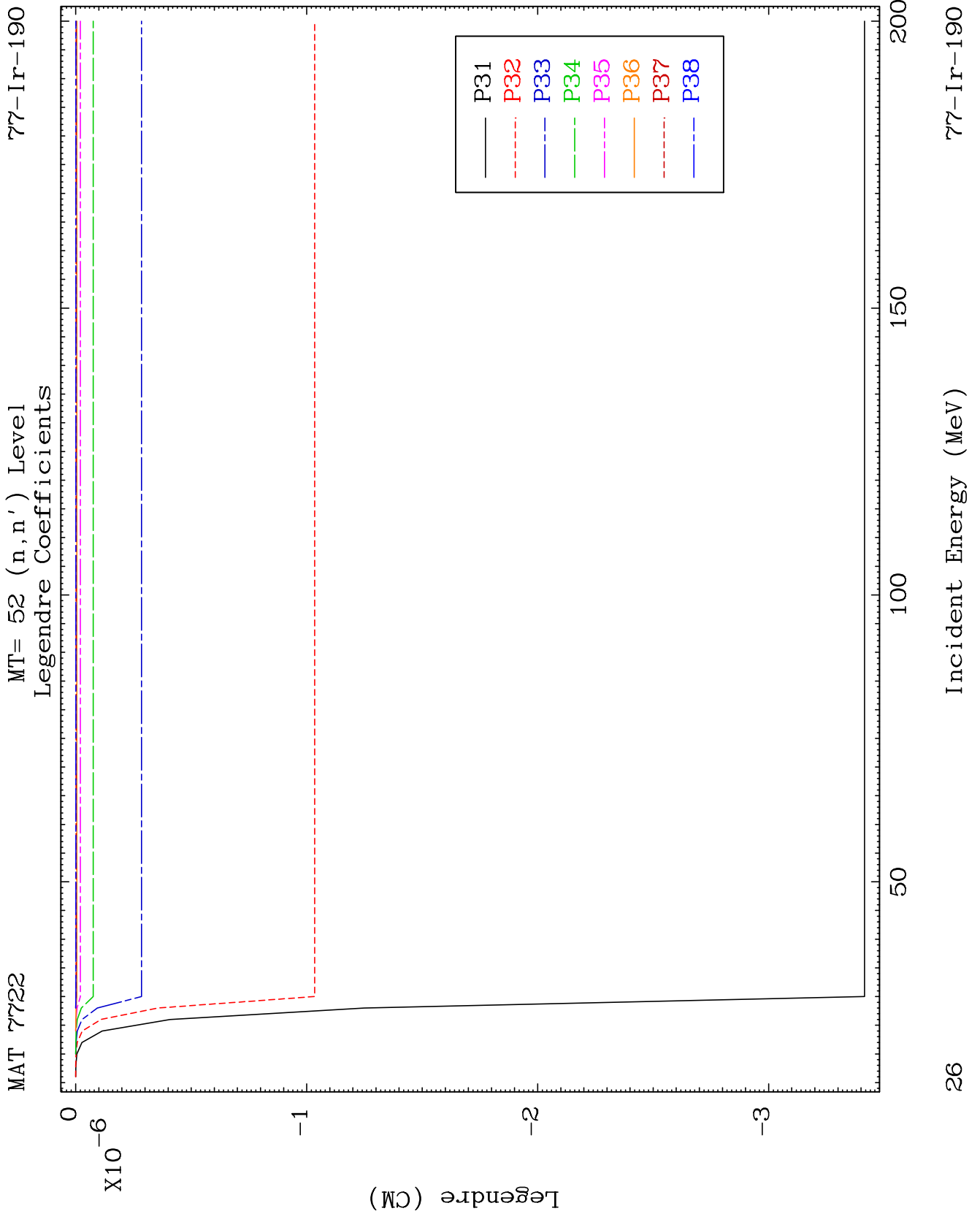
77-Ir-190



77-Ir-190

Incident Energy (MeV)

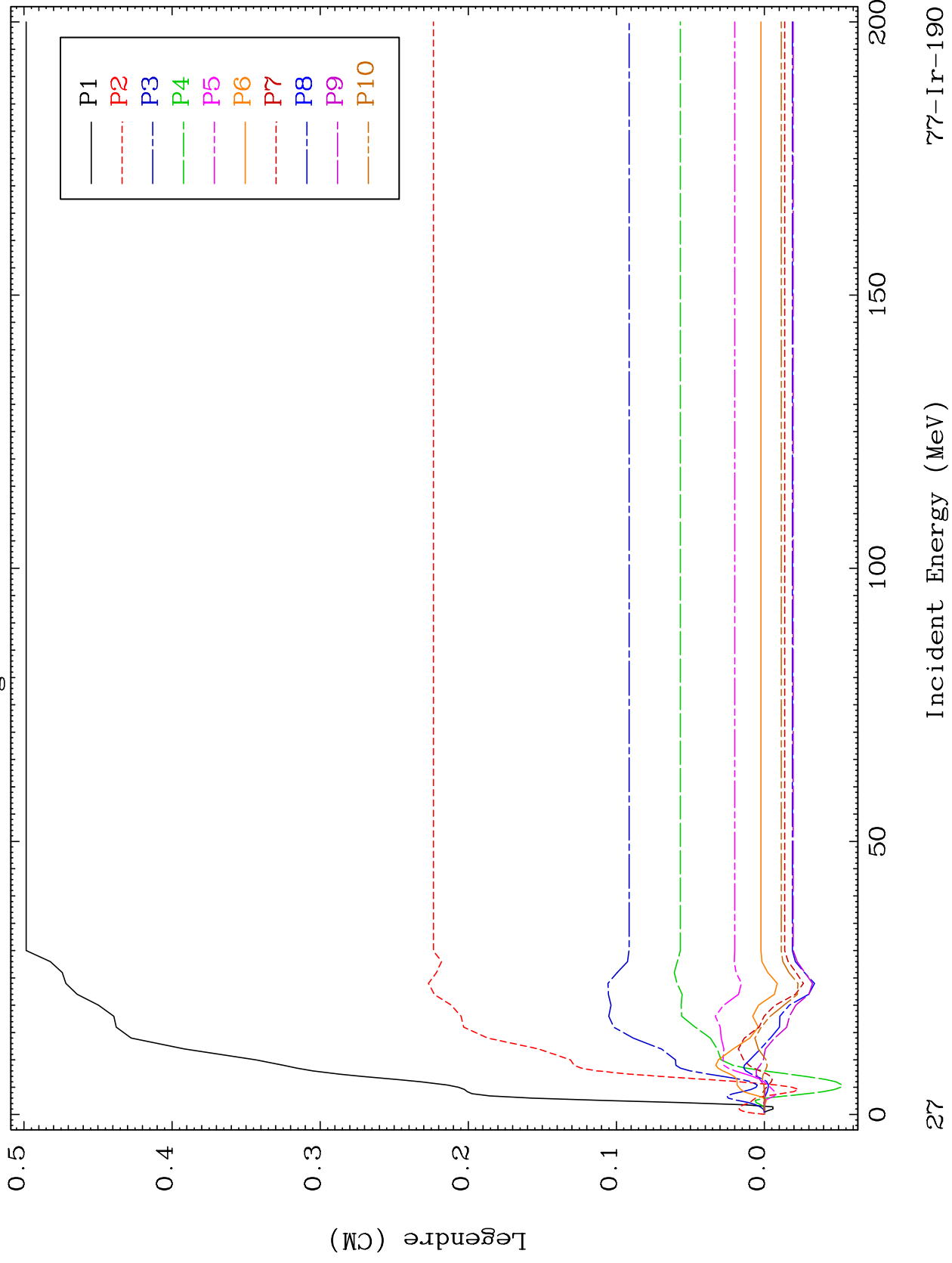
25



MAT 7722

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

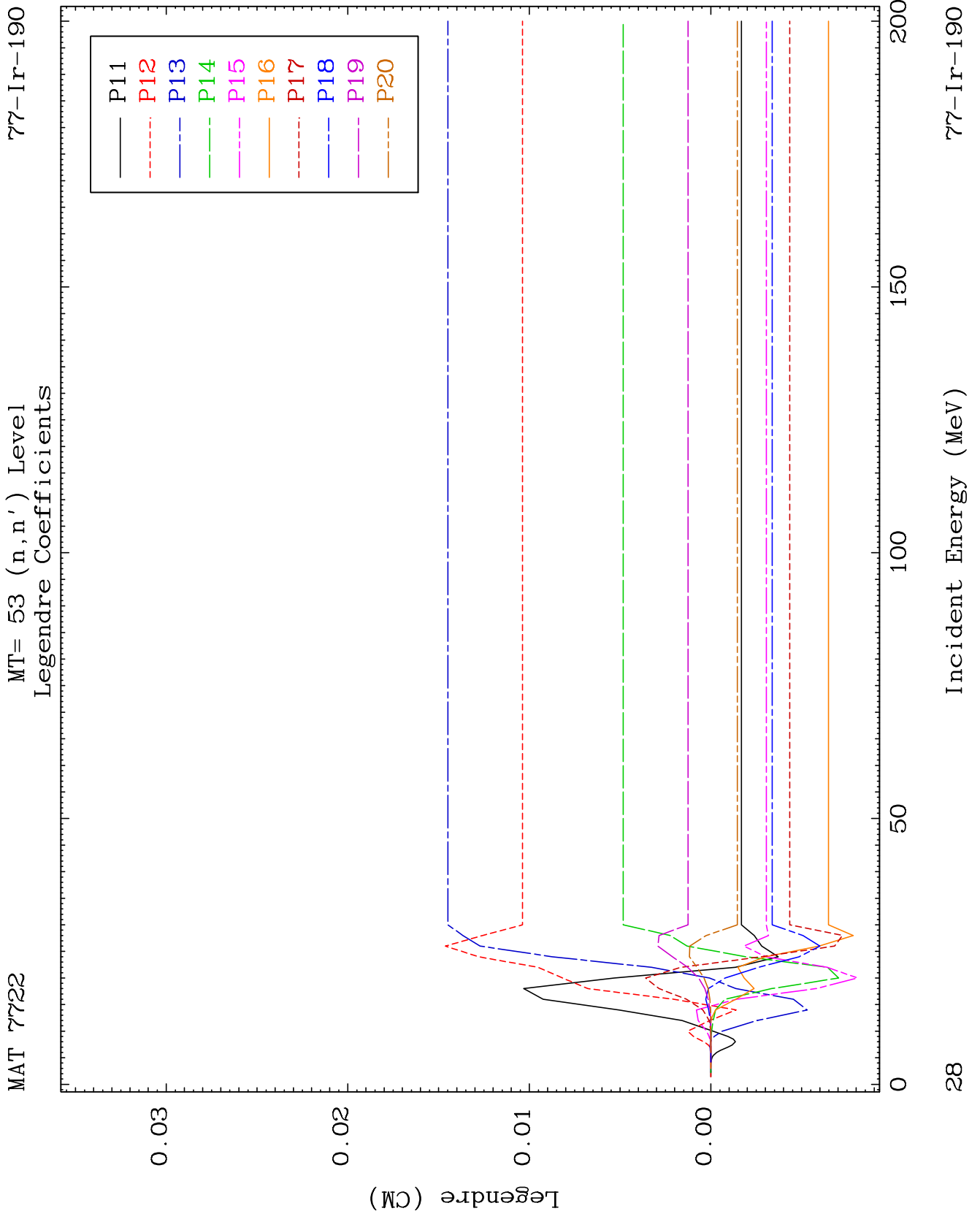
77-Ir-190

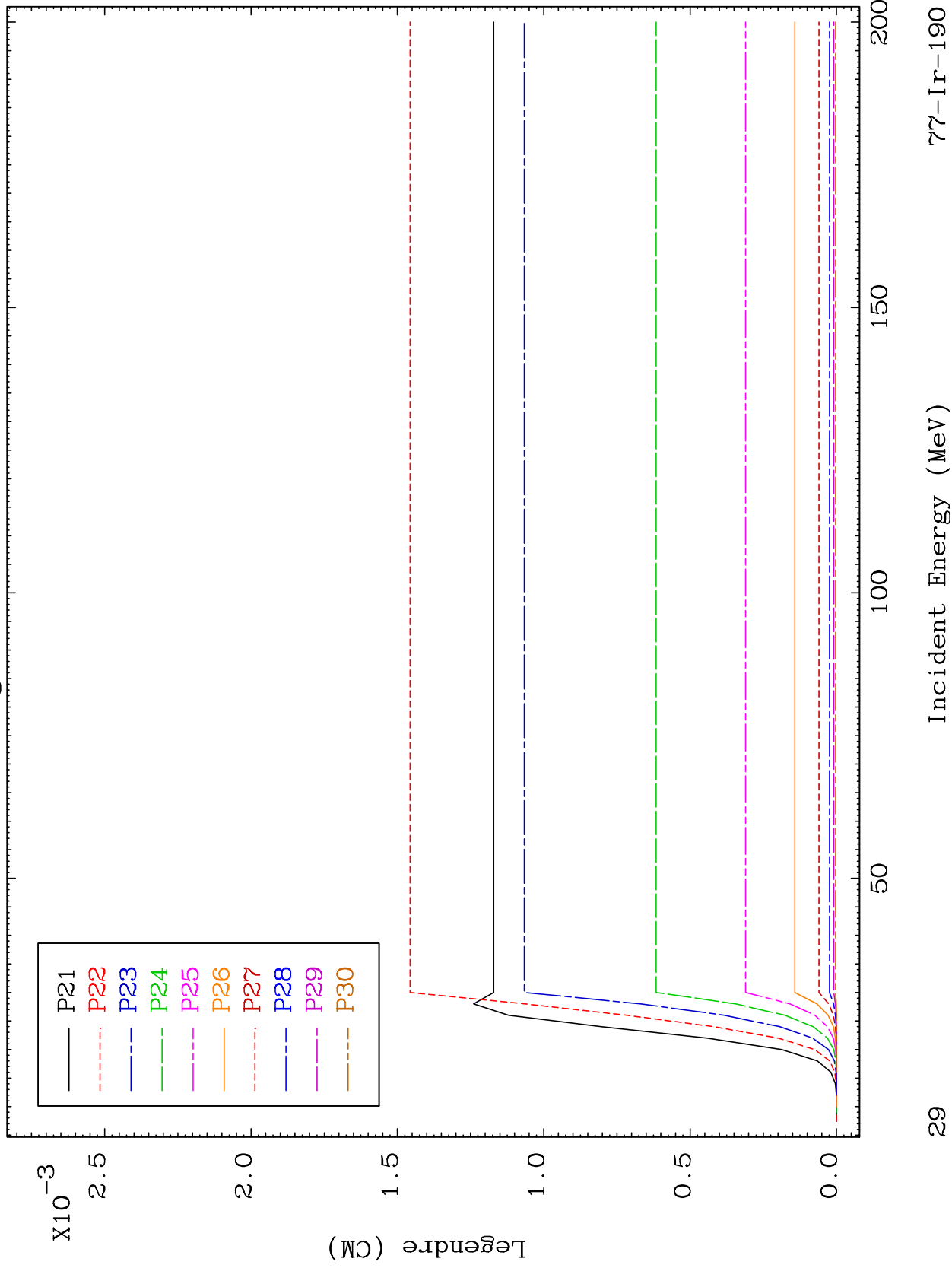


77-Ir-190

Incident Energy (MeV)

27

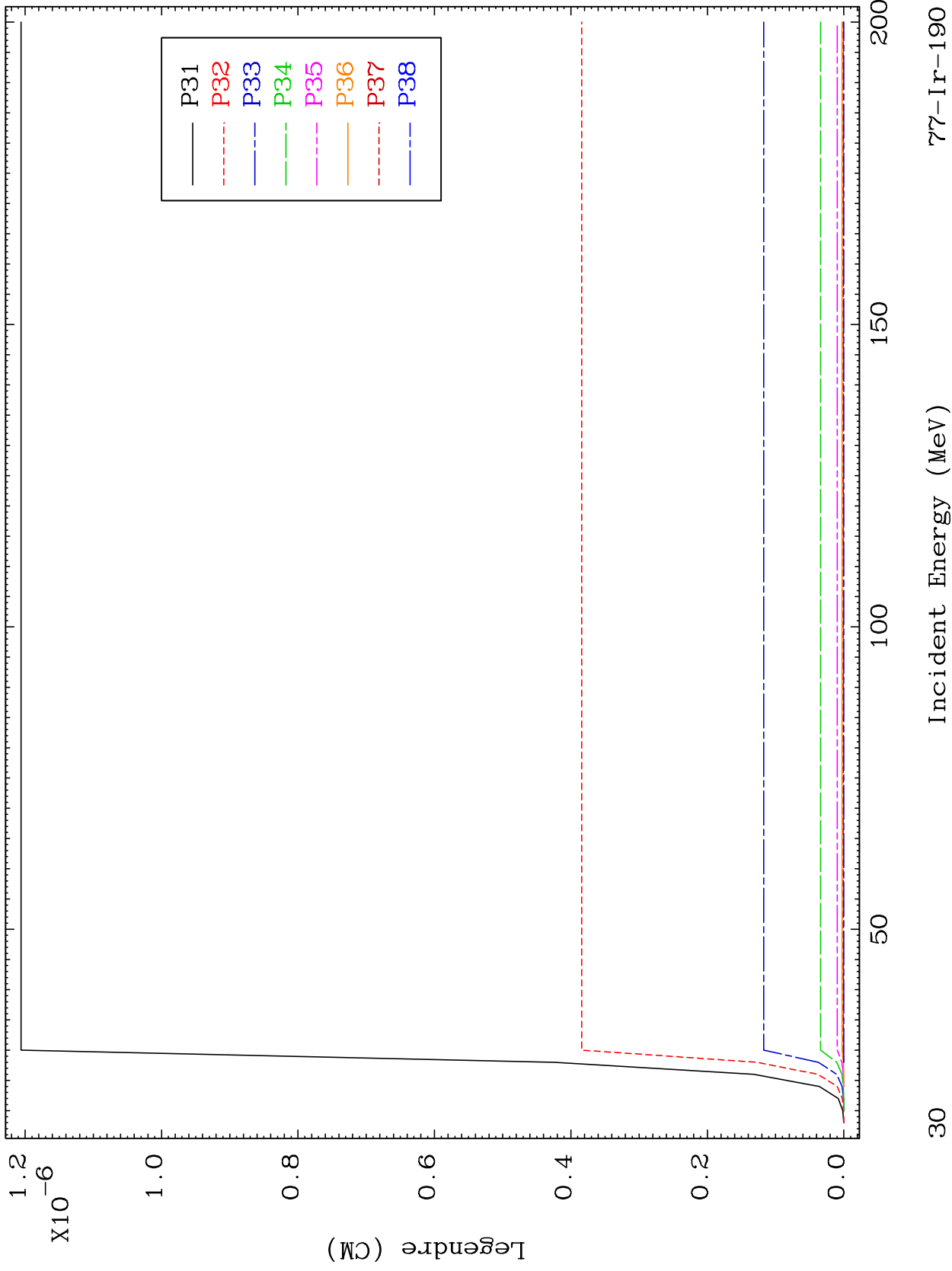




MAT 7722

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

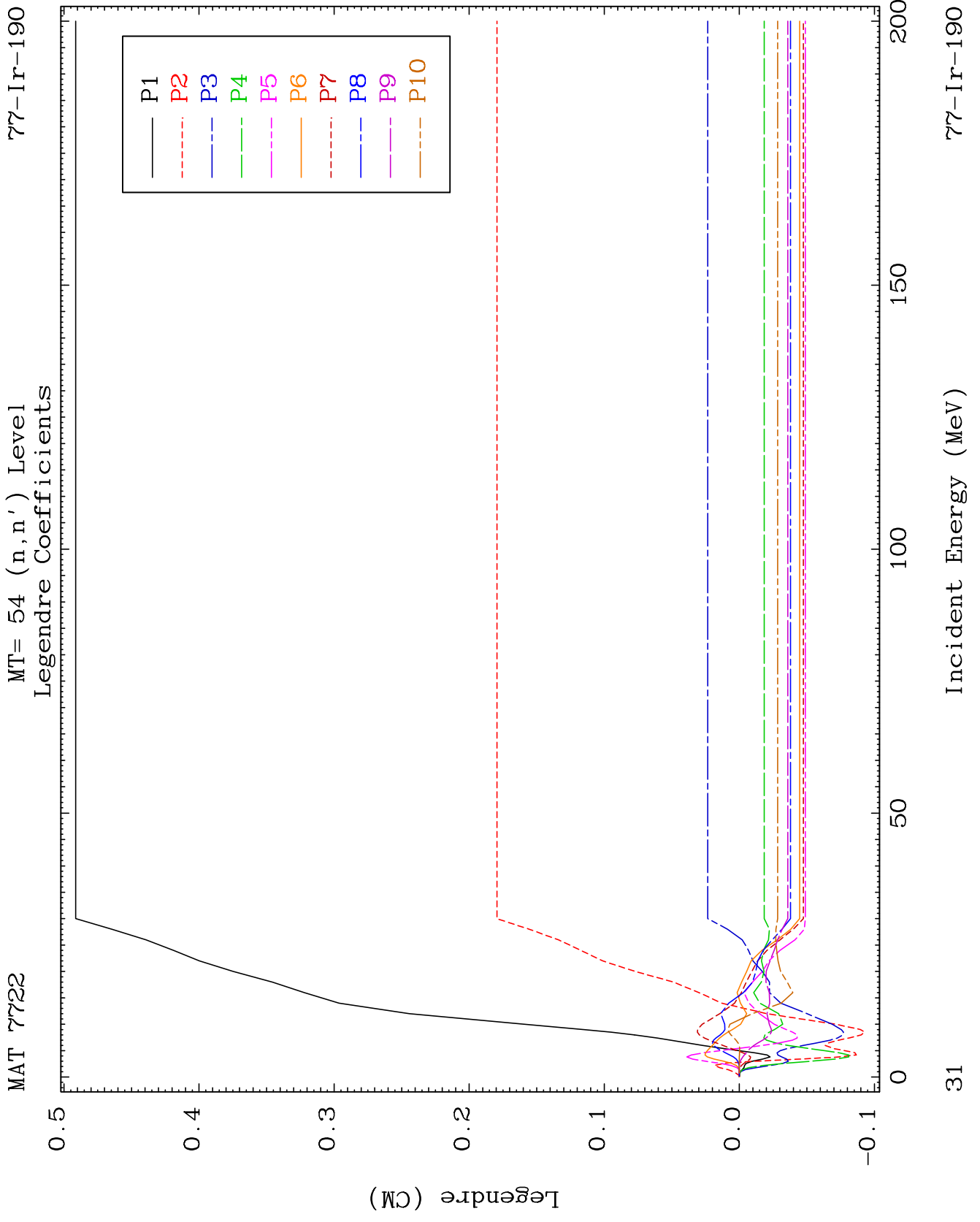
77-Ir-190



77-Ir-190

Incident Energy (MeV)

30

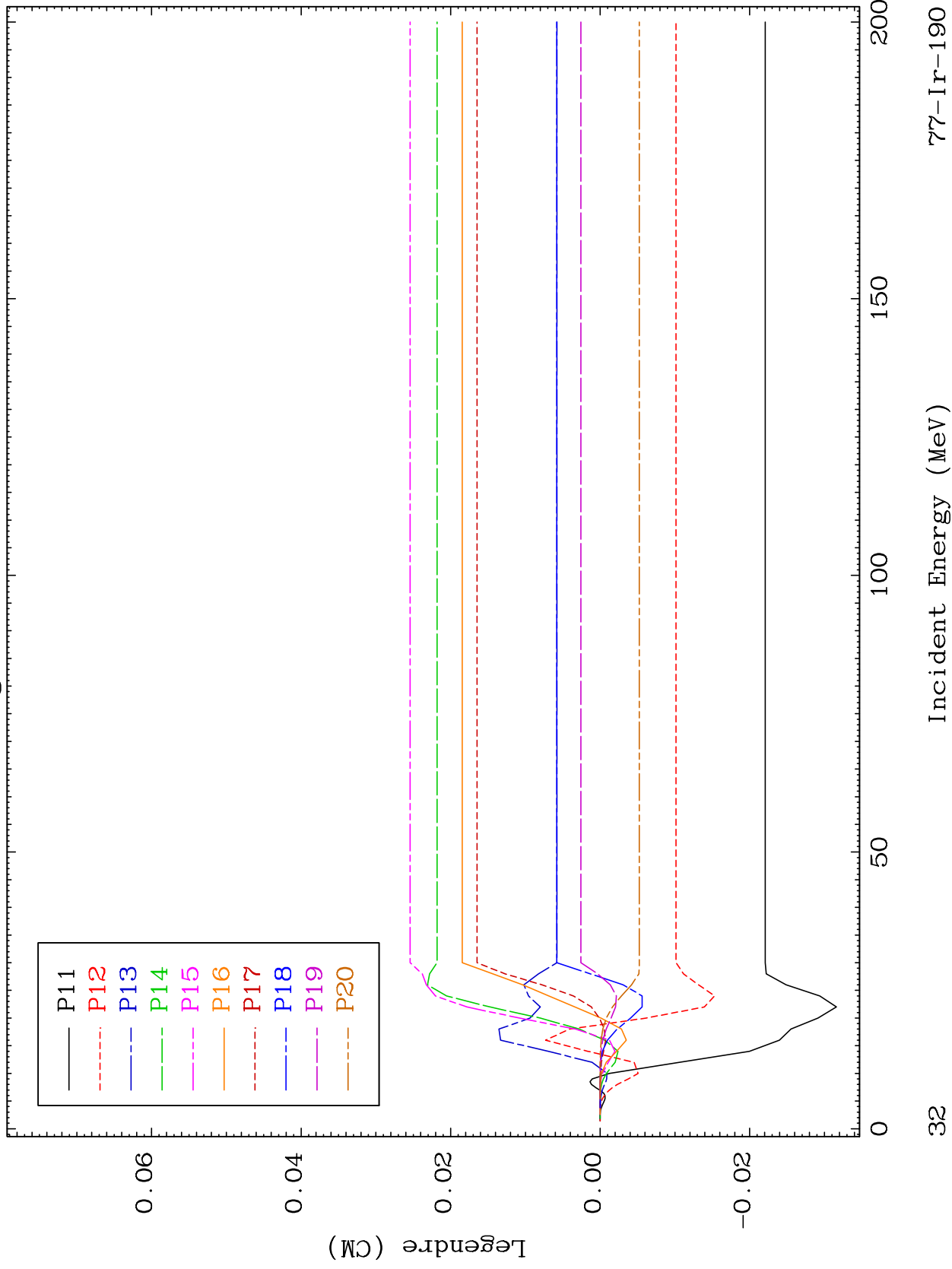




MAT 7722

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

77-Ir-190



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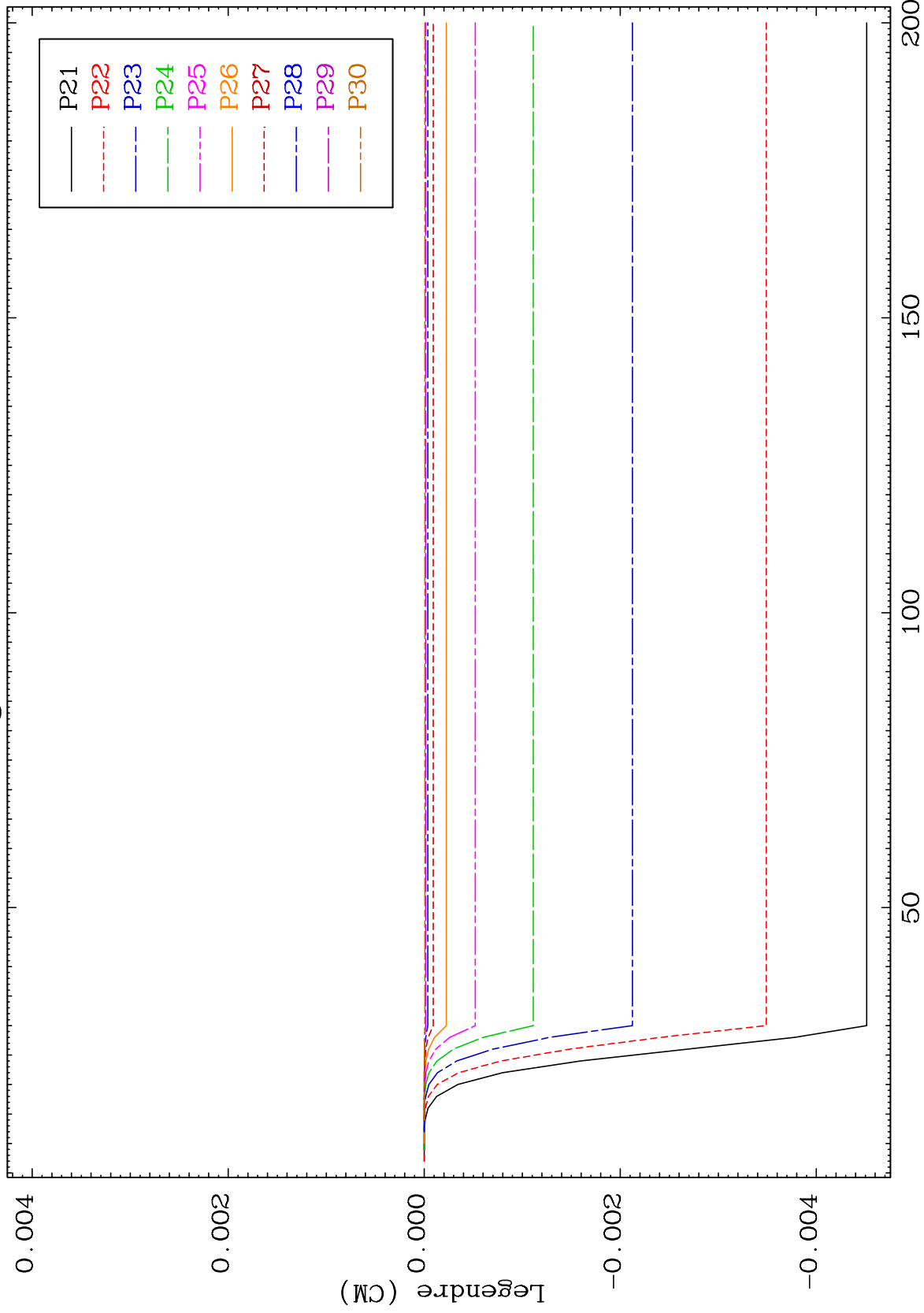
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

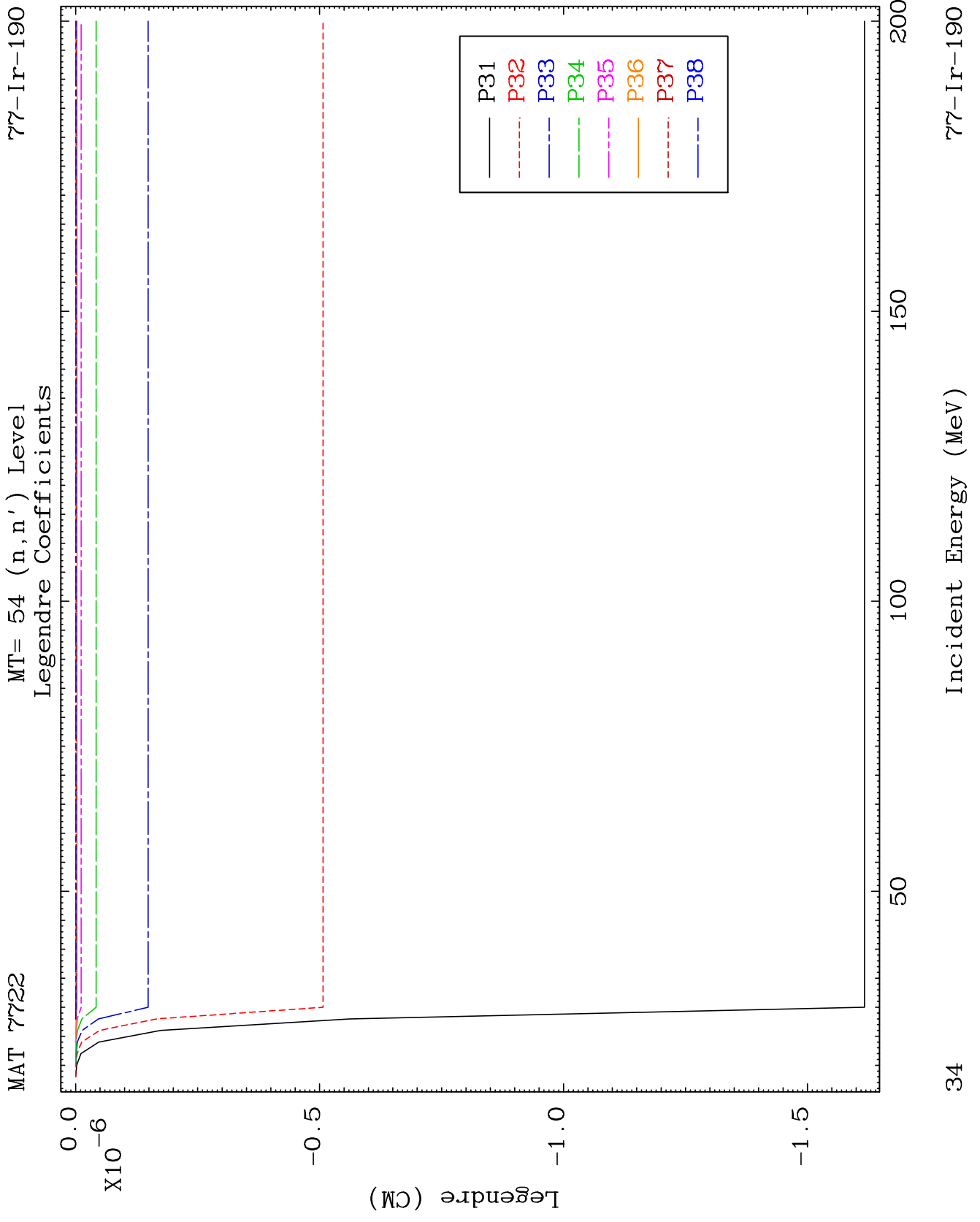
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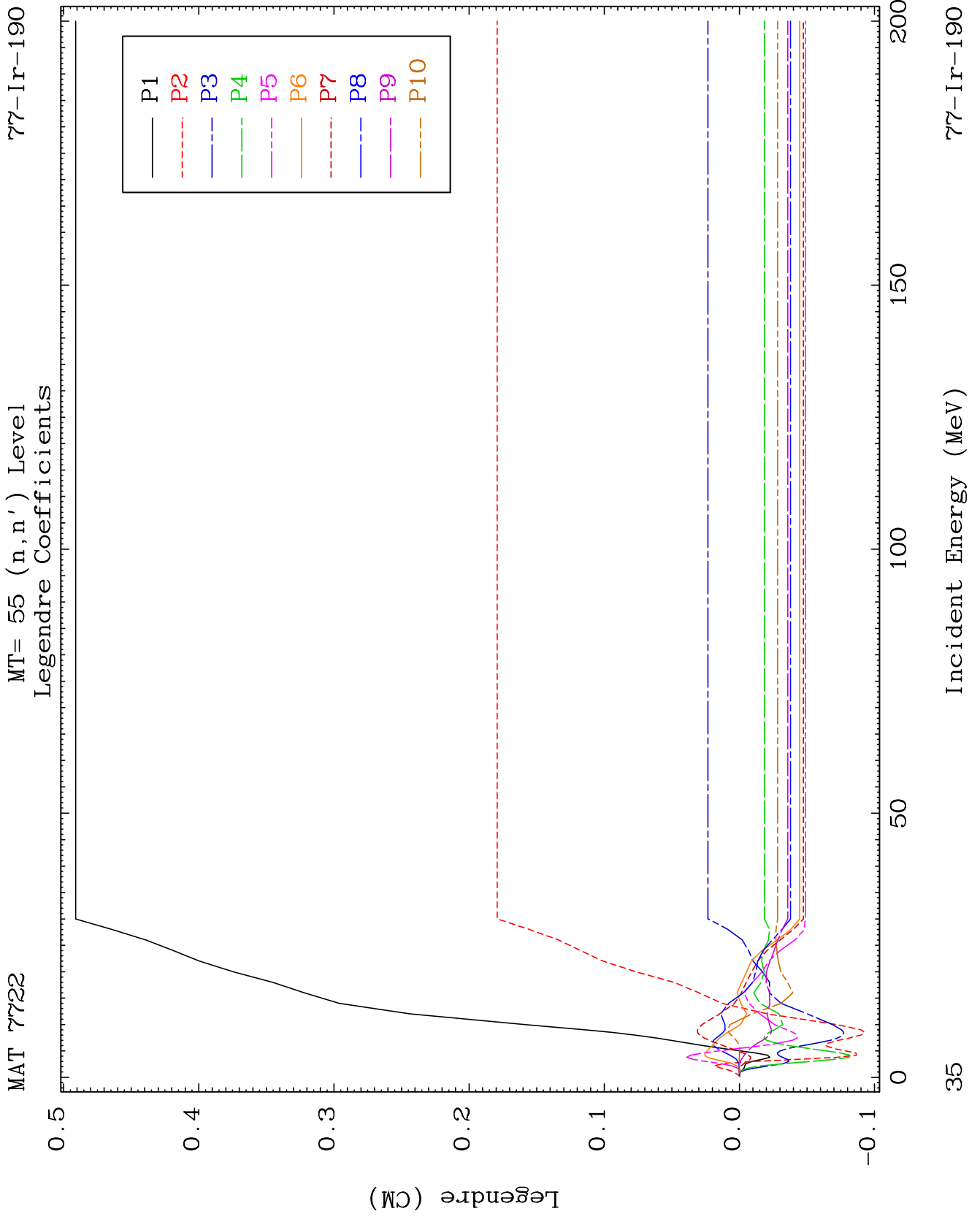


33

Incident Energy (MeV)

77-Ir-190

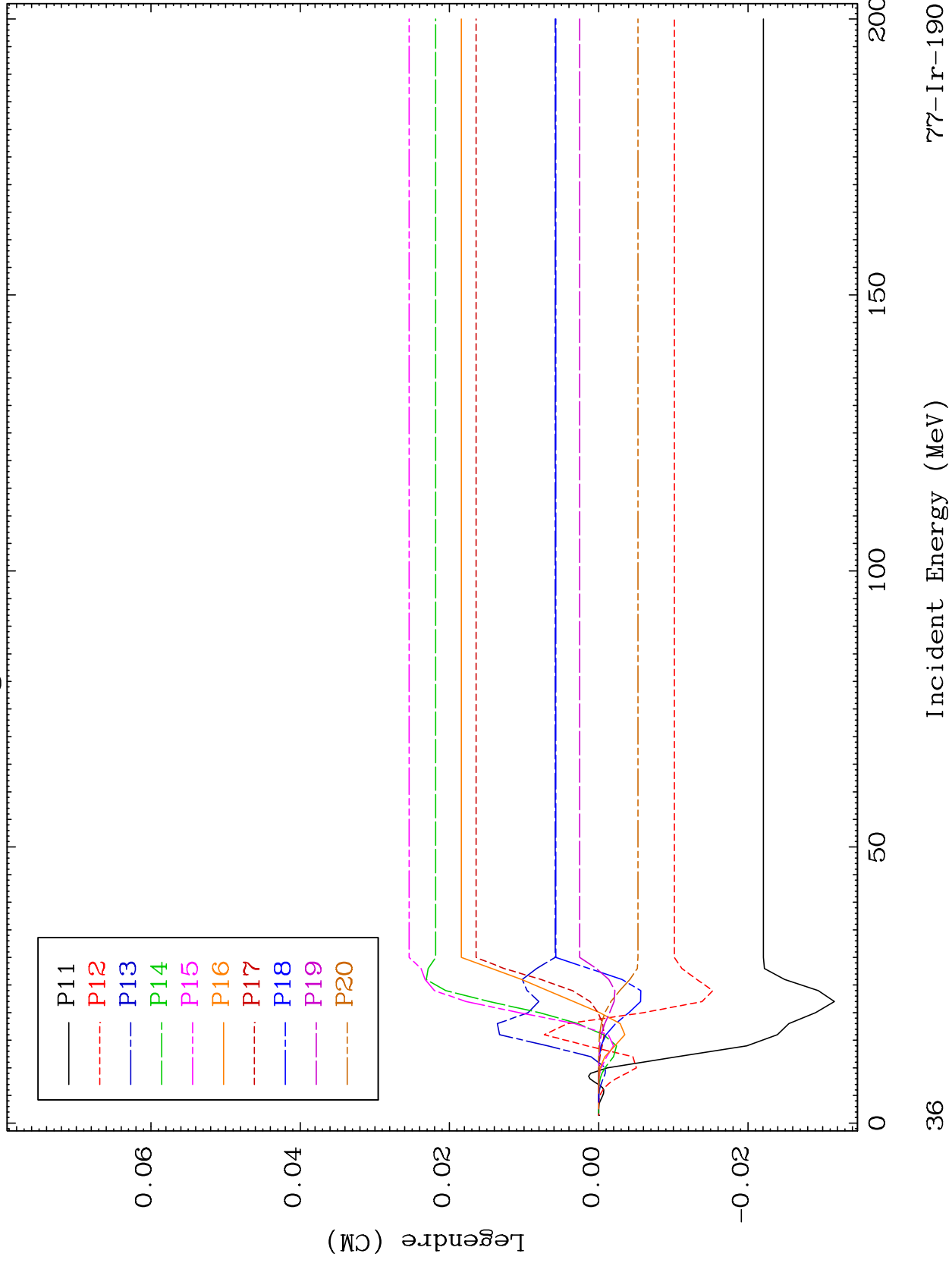




MAT 7722

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

77-Ir-190



77-Ir-190

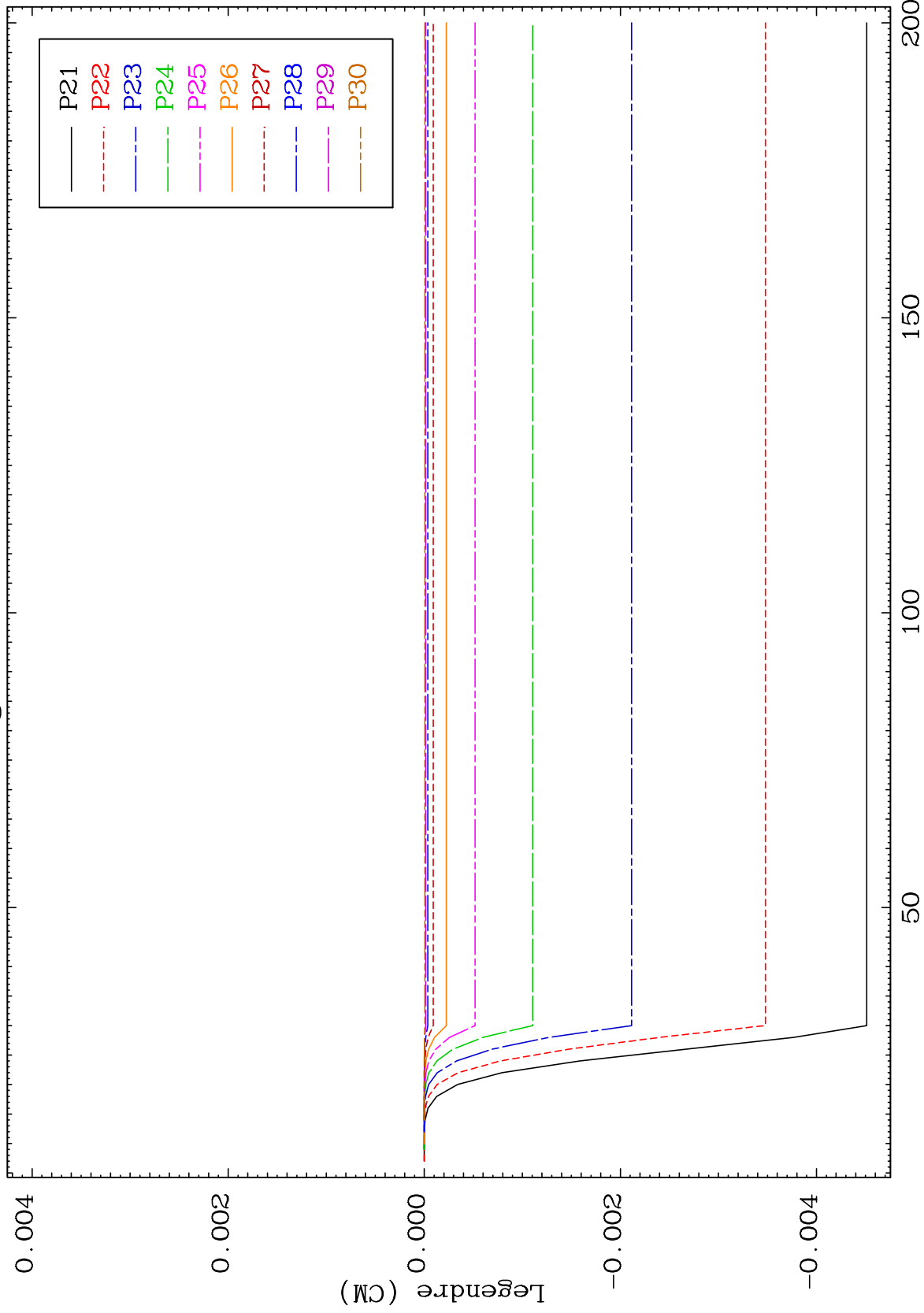
Incident Energy (MeV)

36

MAT 7722

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

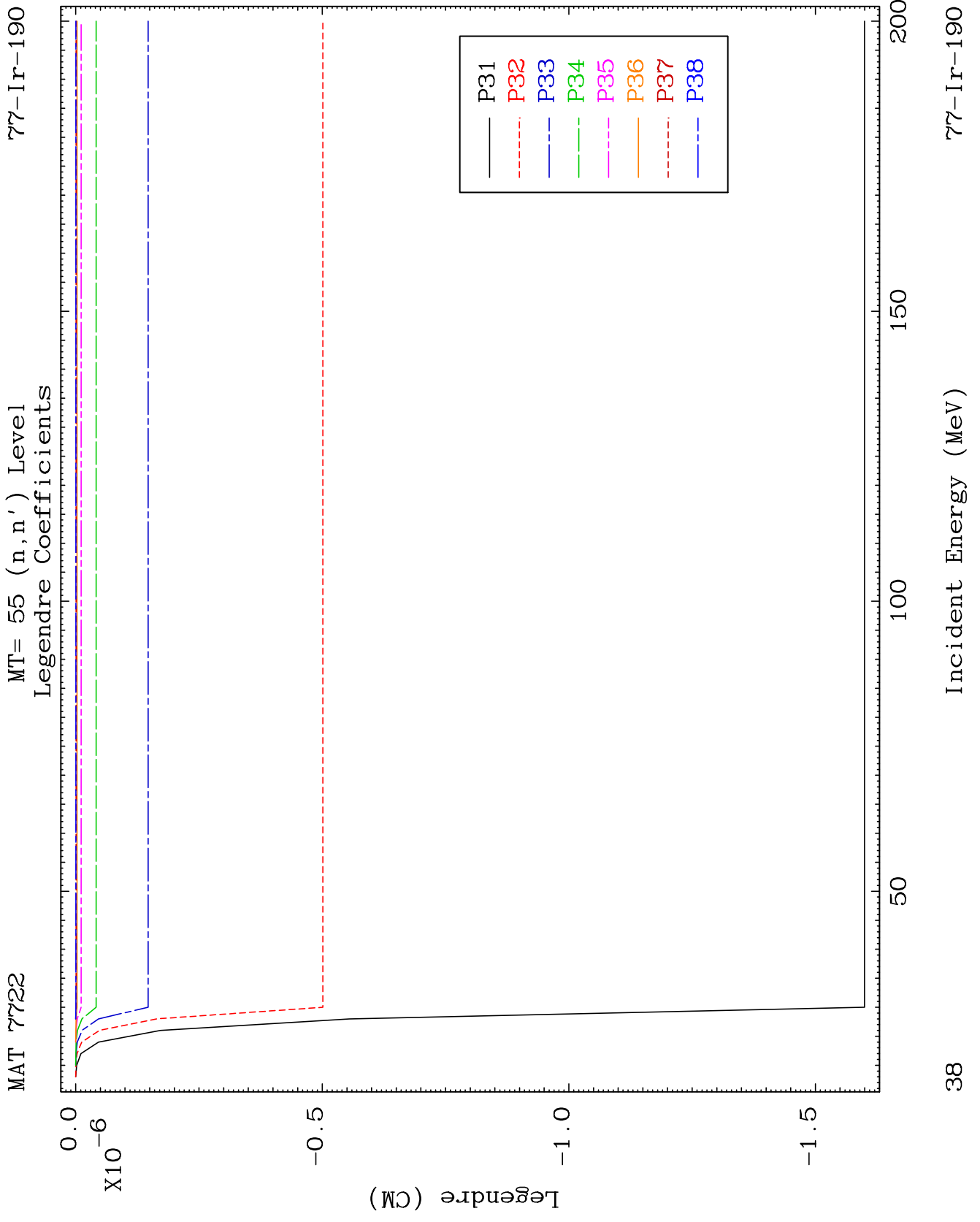
77-Ir-190

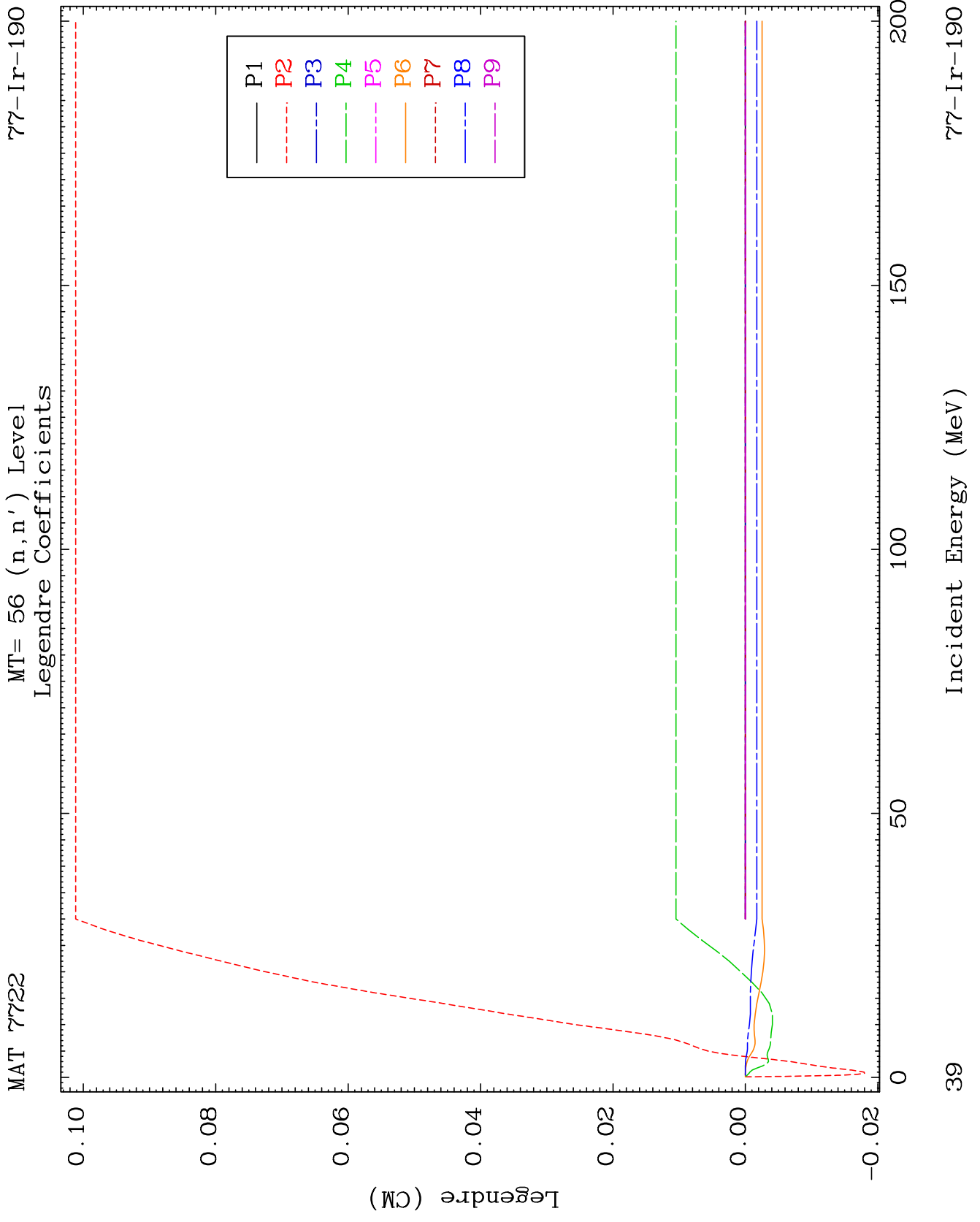


37

Incident Energy (MeV)

77-Ir-190



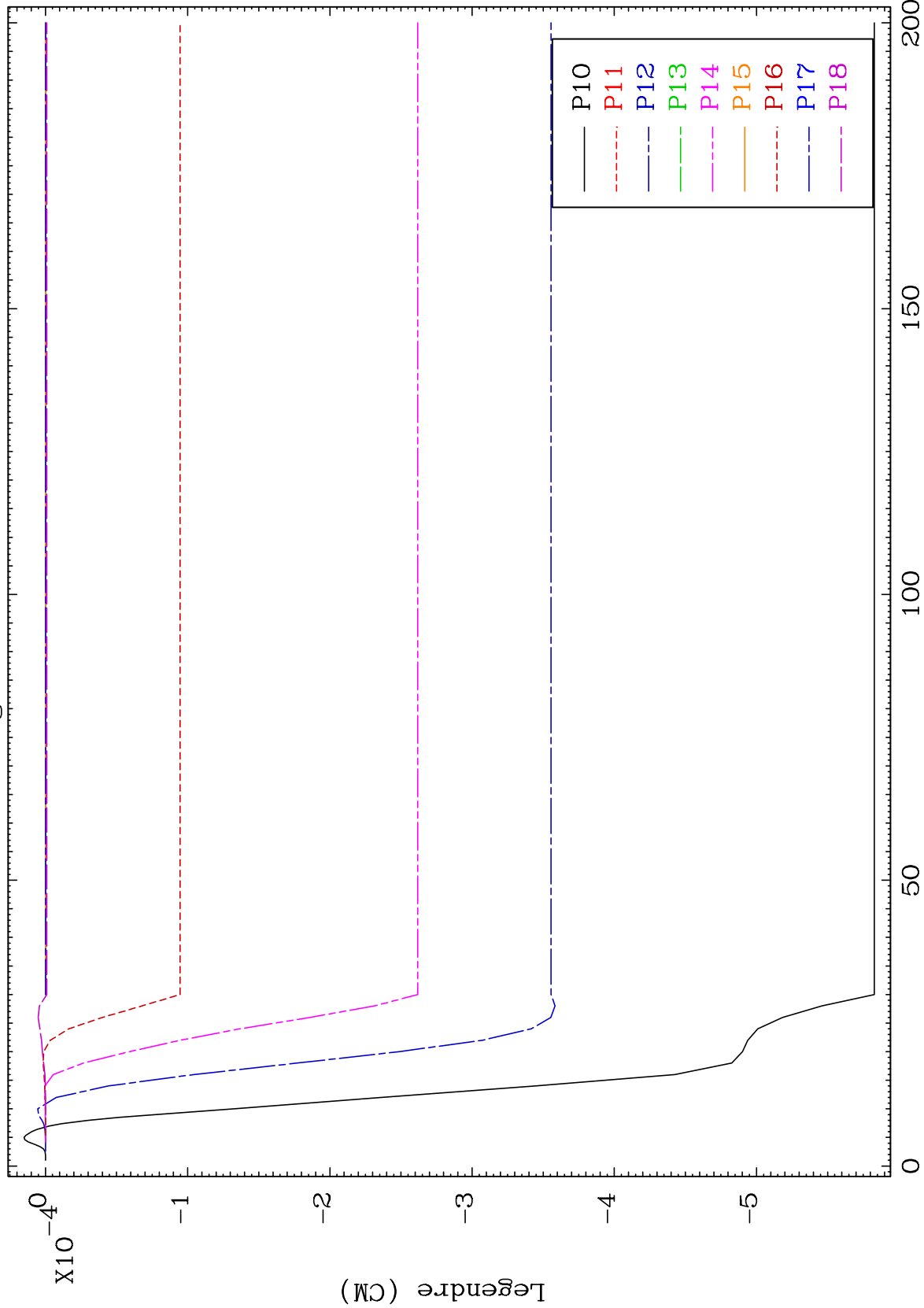




MAT 7722

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

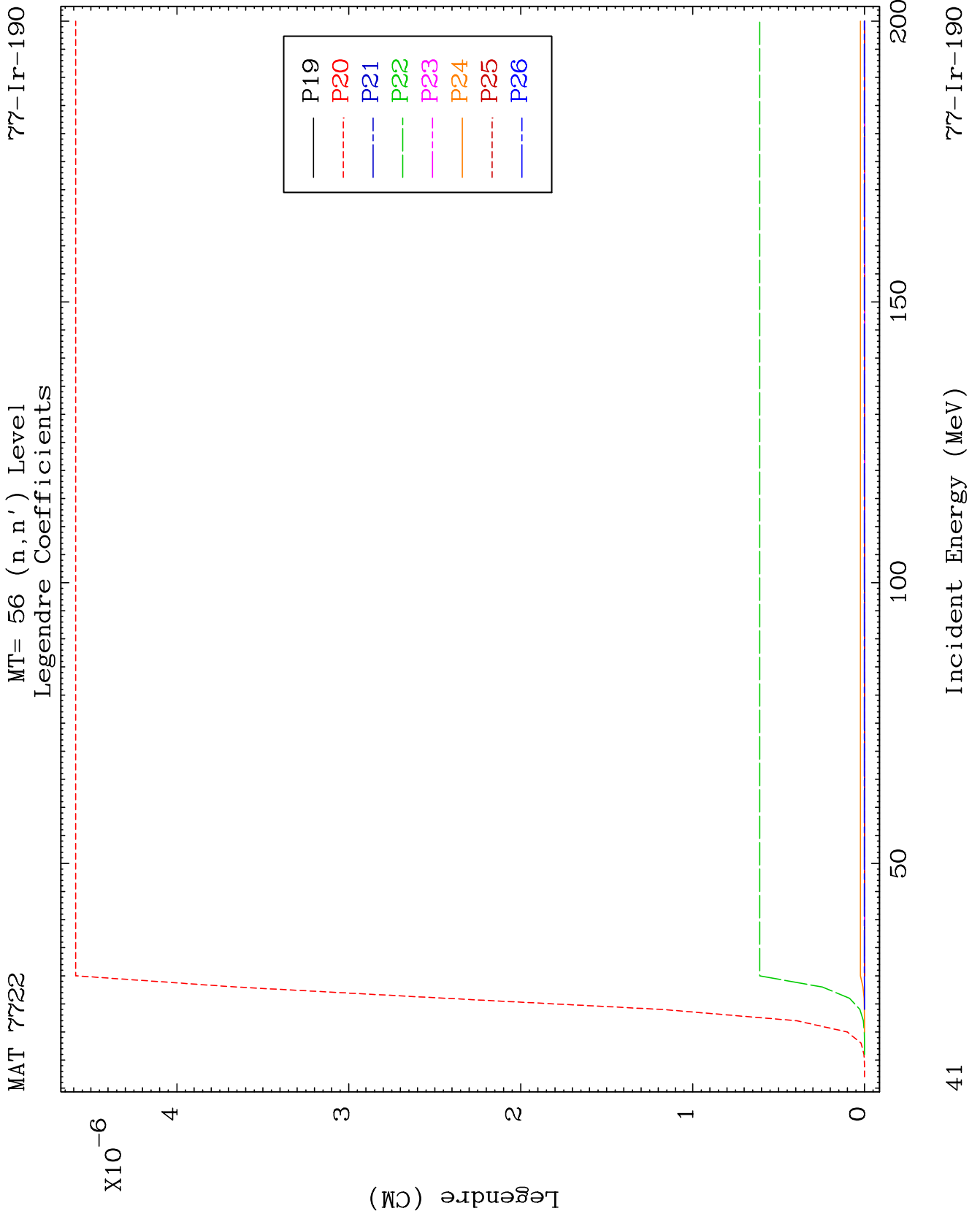
77-Ir-190



40

Incident Energy (MeV)

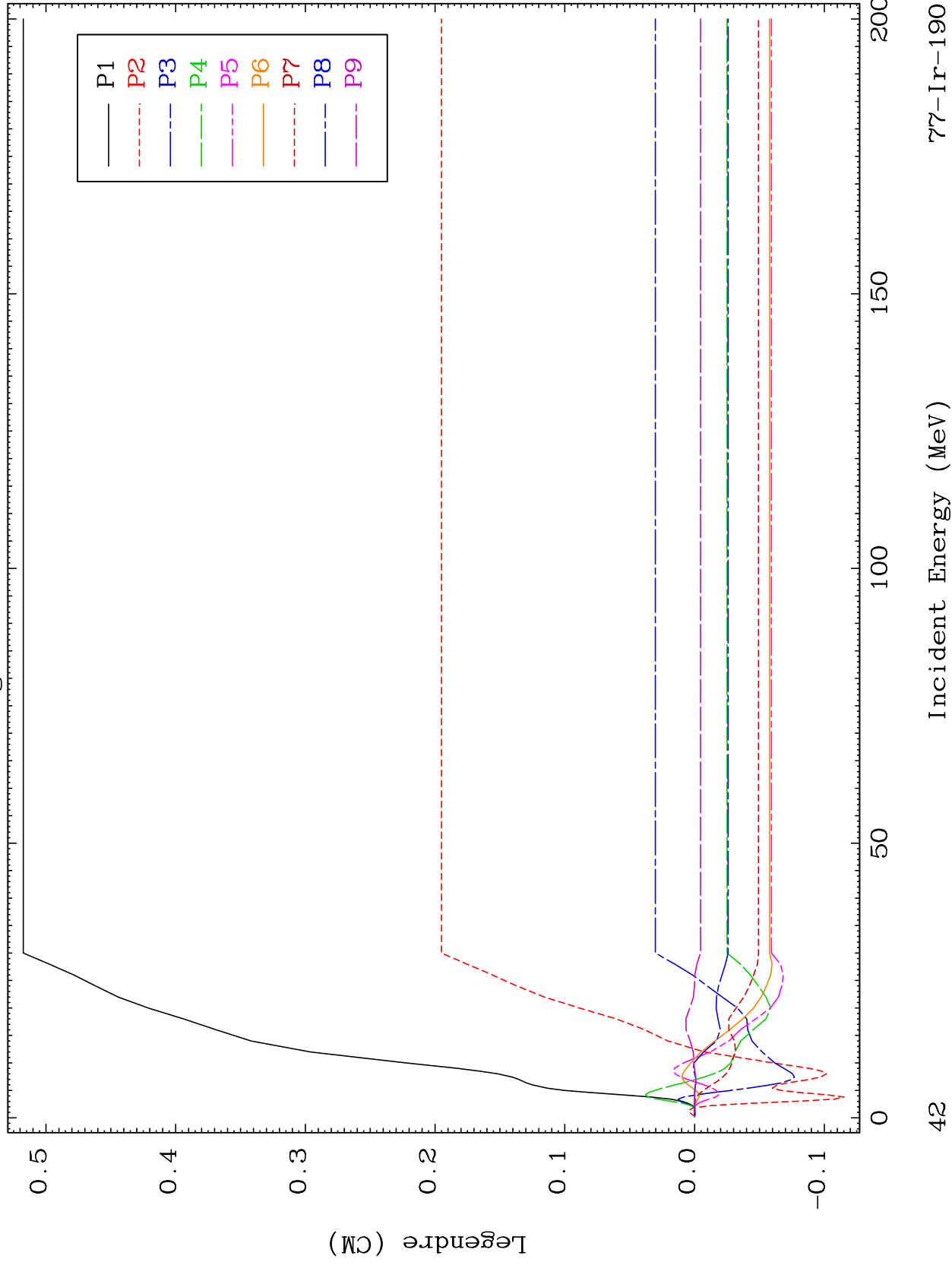
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

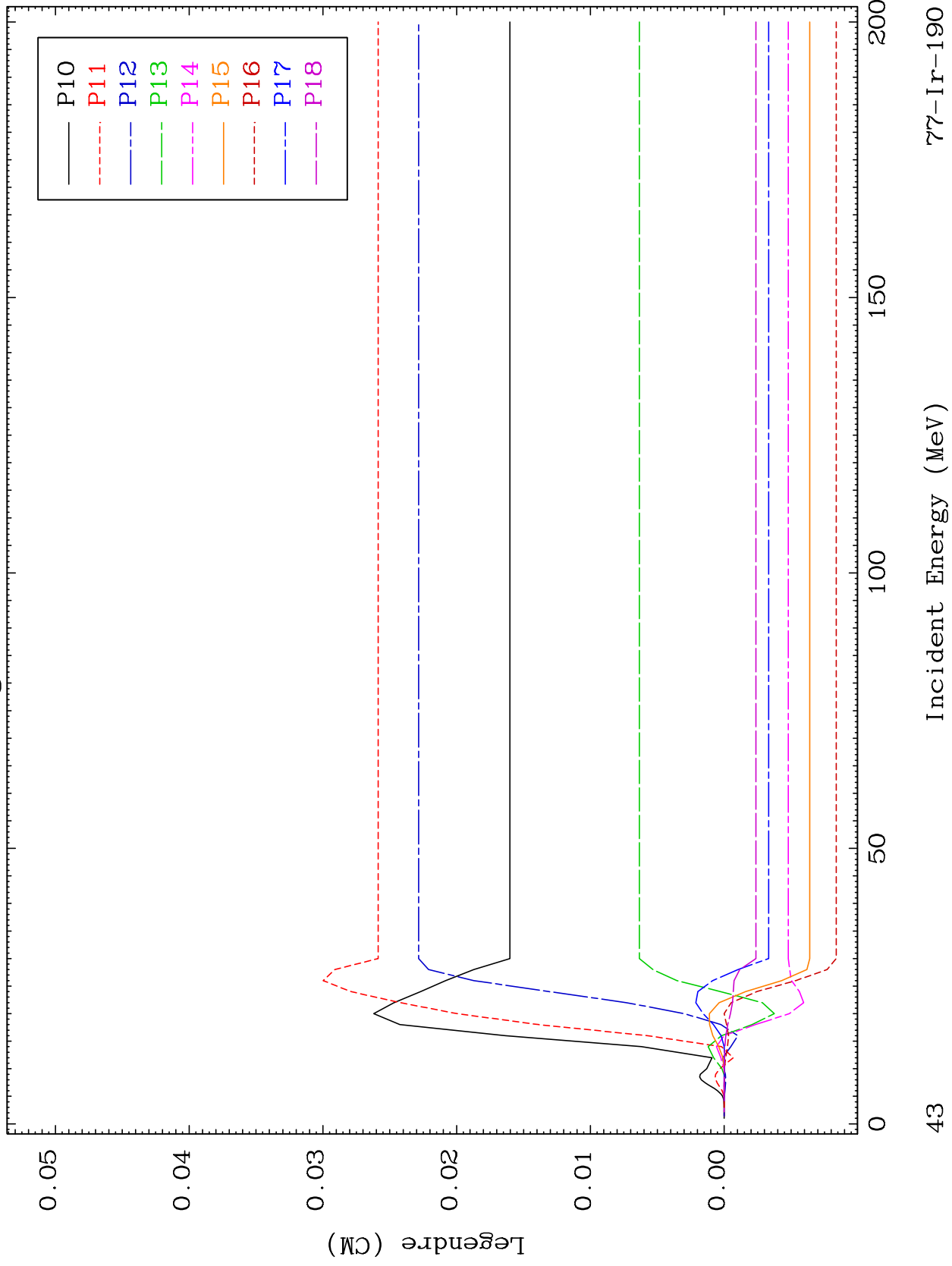
Incident Energy (MeV)

42

MAT 7722

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

77-Ir-190



43

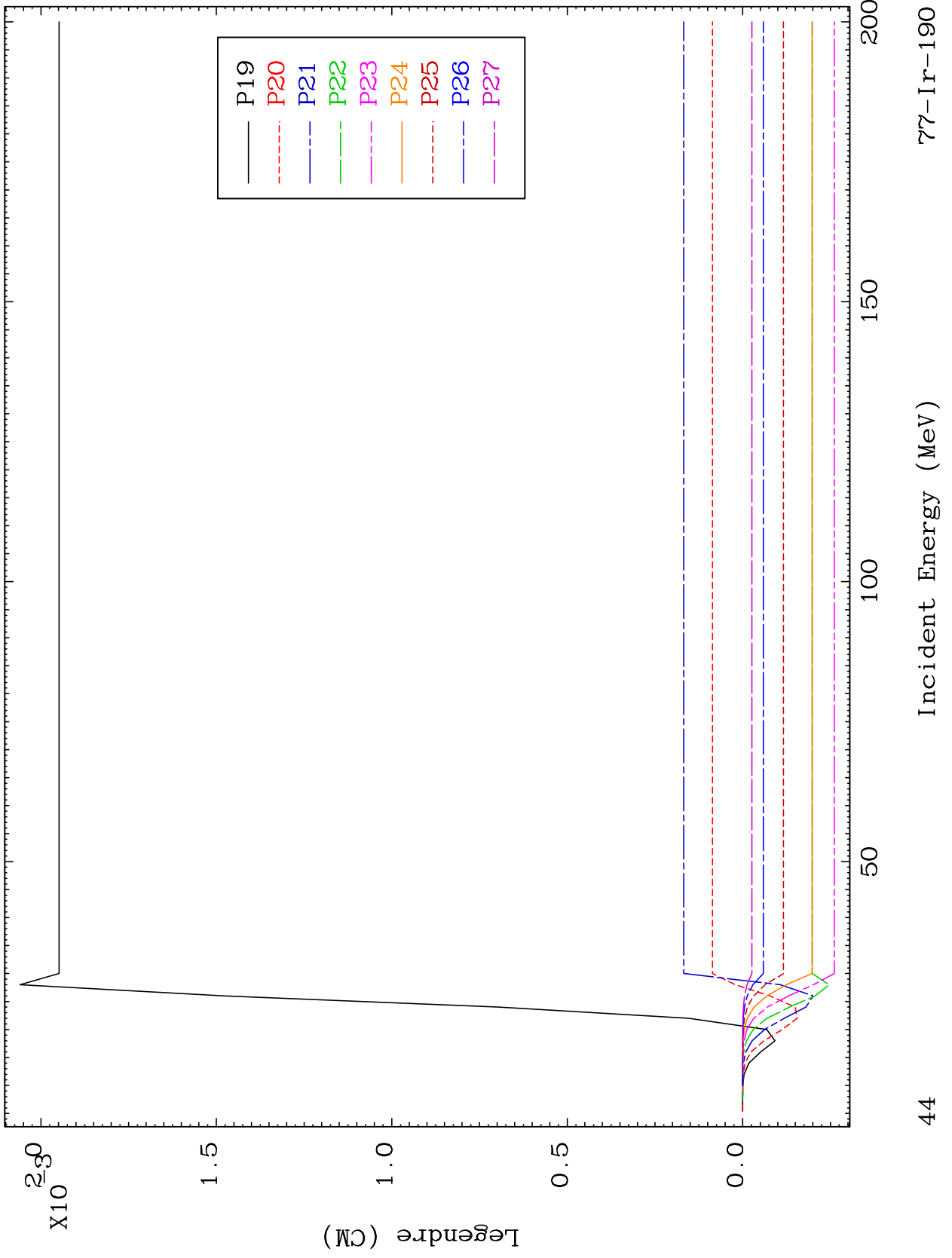
Incident Energy (MeV)

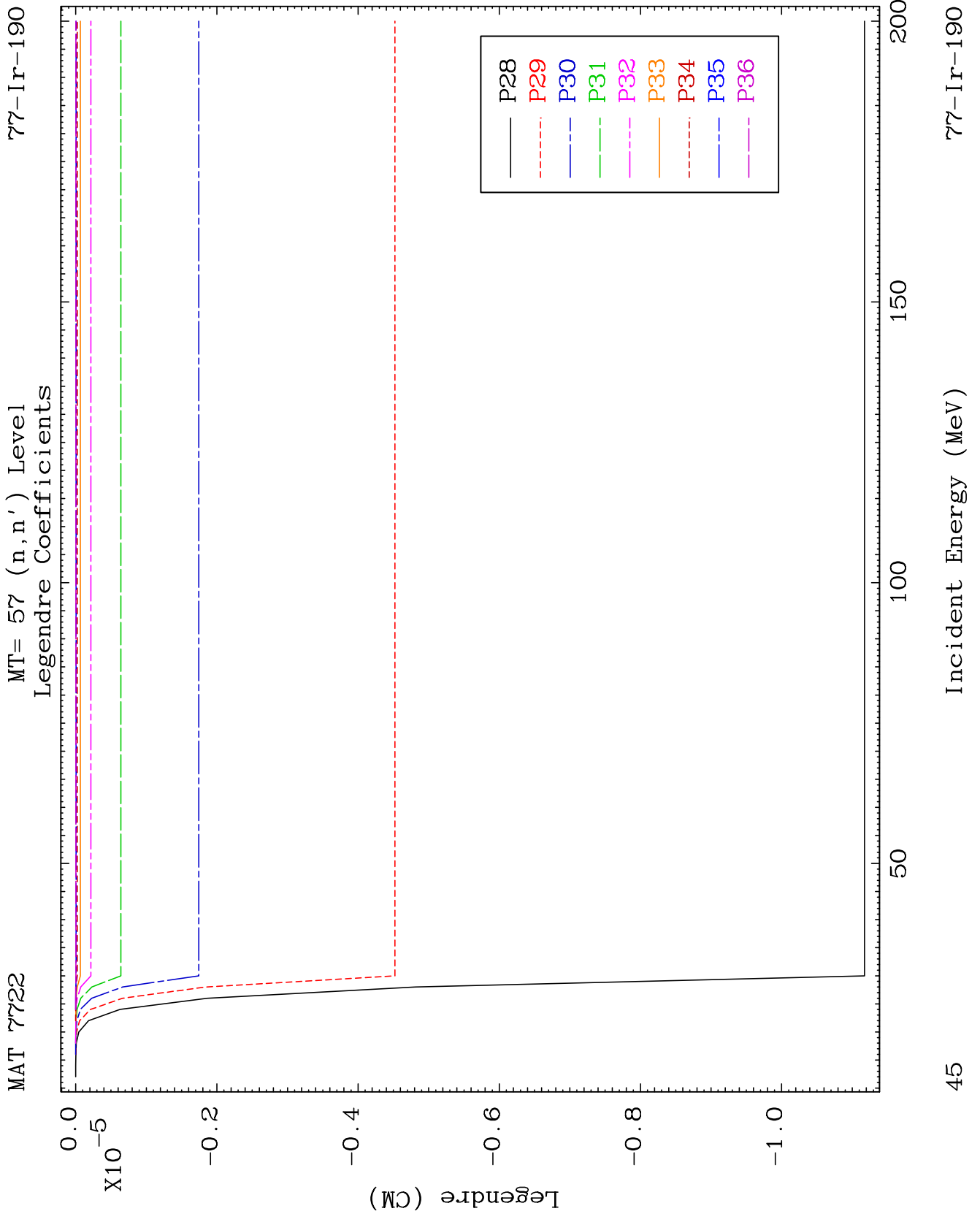
77-Ir-190

MAT 7722

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

77-Ir-190

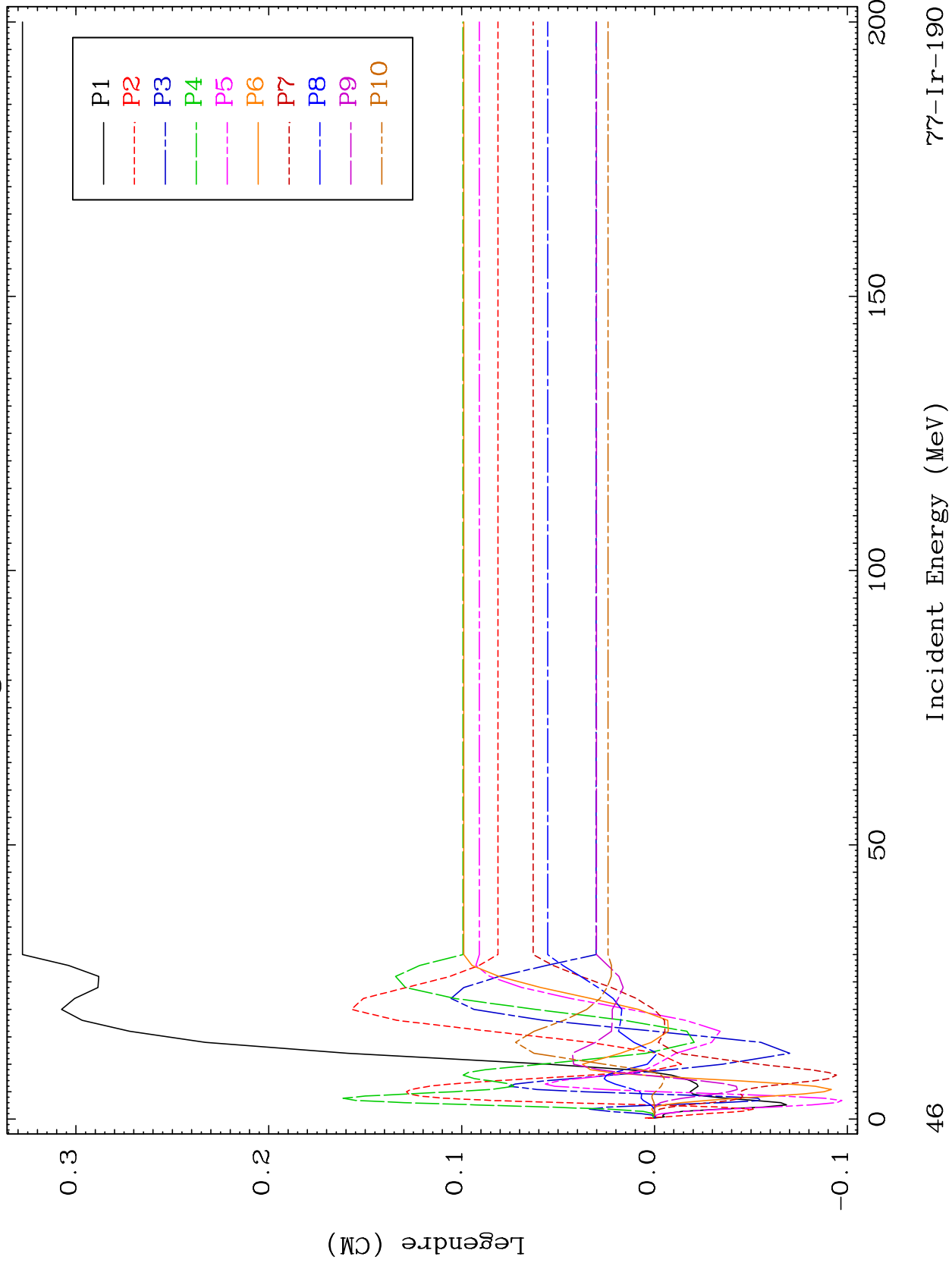




MAT 7722

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

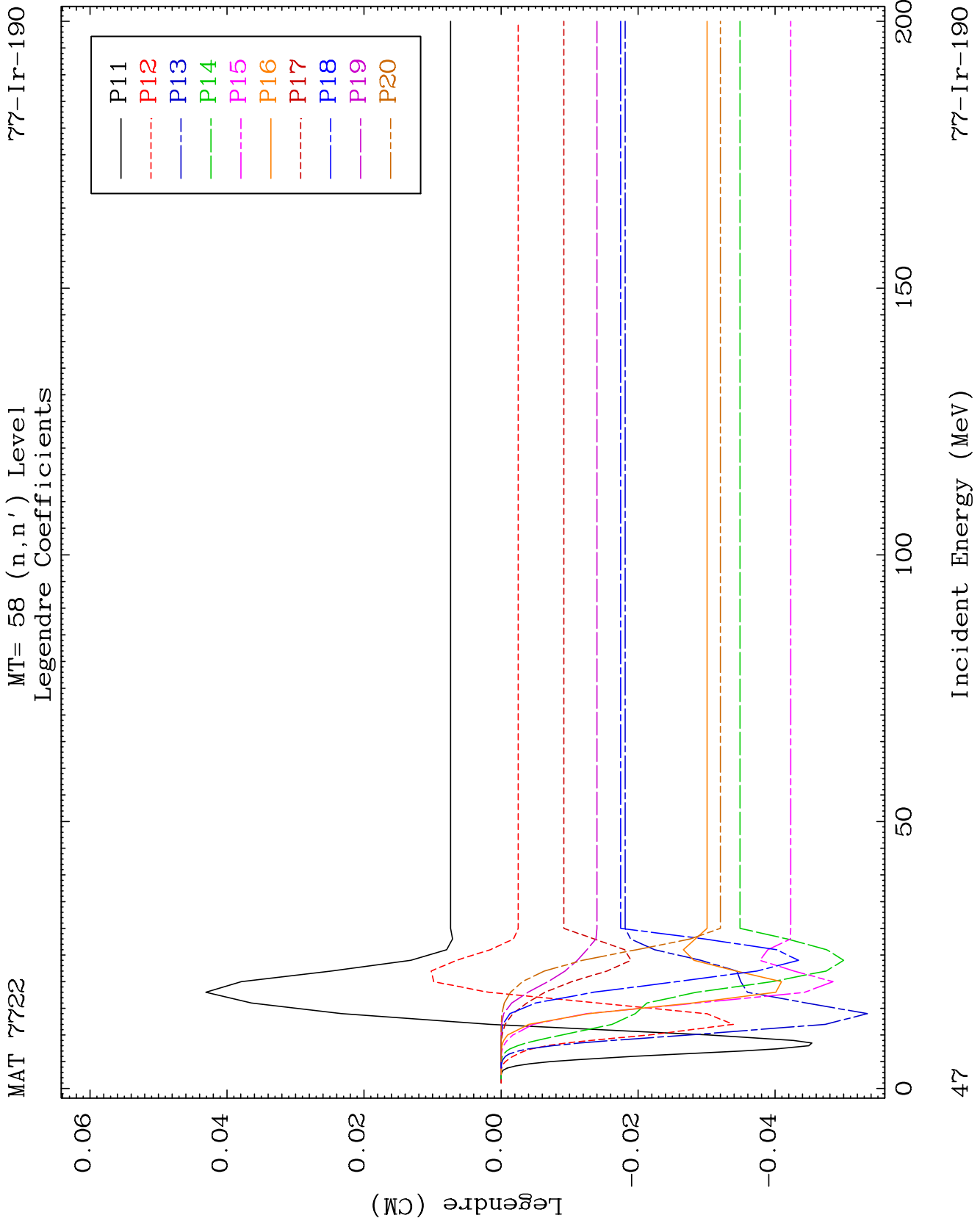
77-Ir-190



77-Ir-190

Incident Energy (MeV)

46

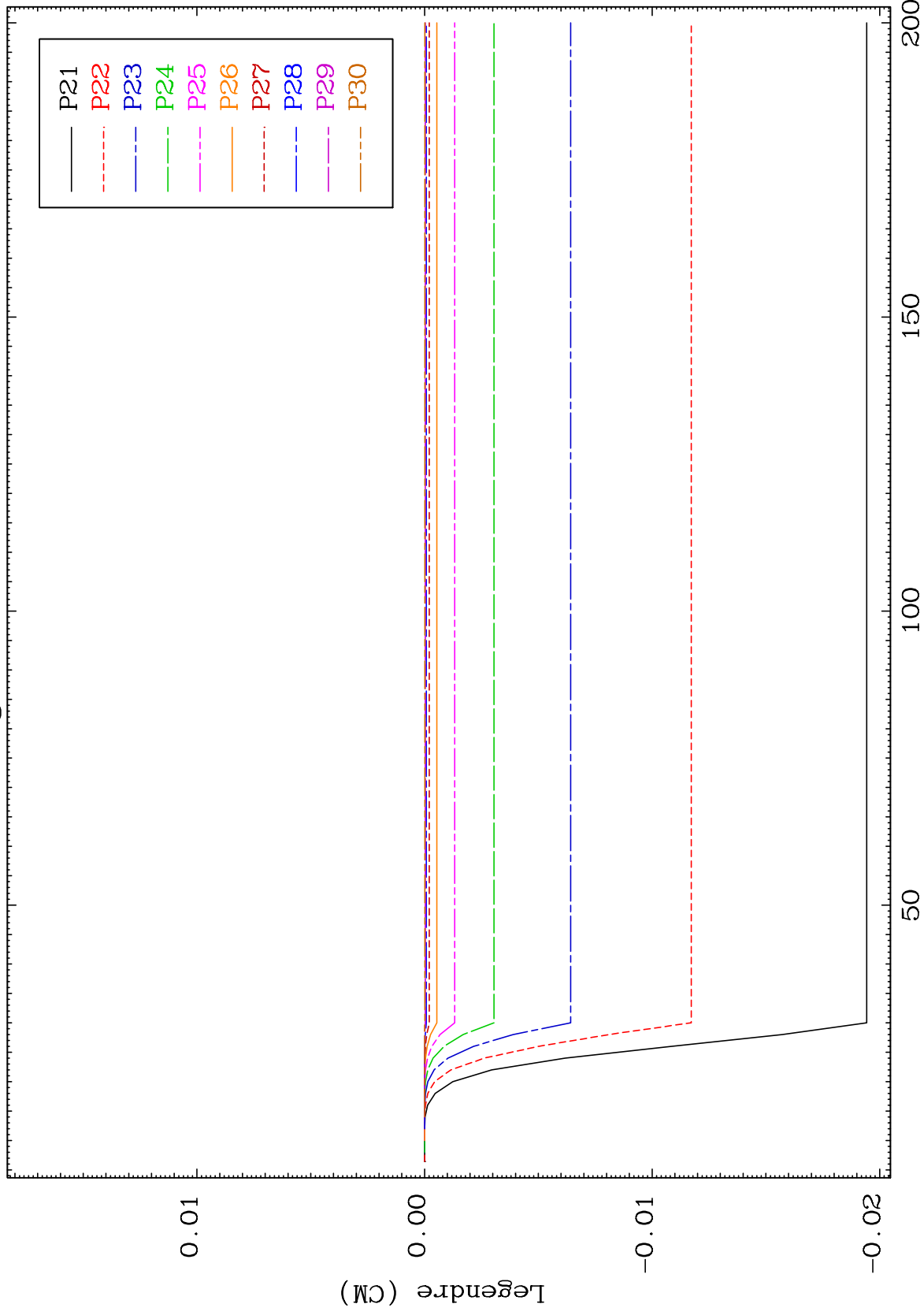




MAT 7722

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

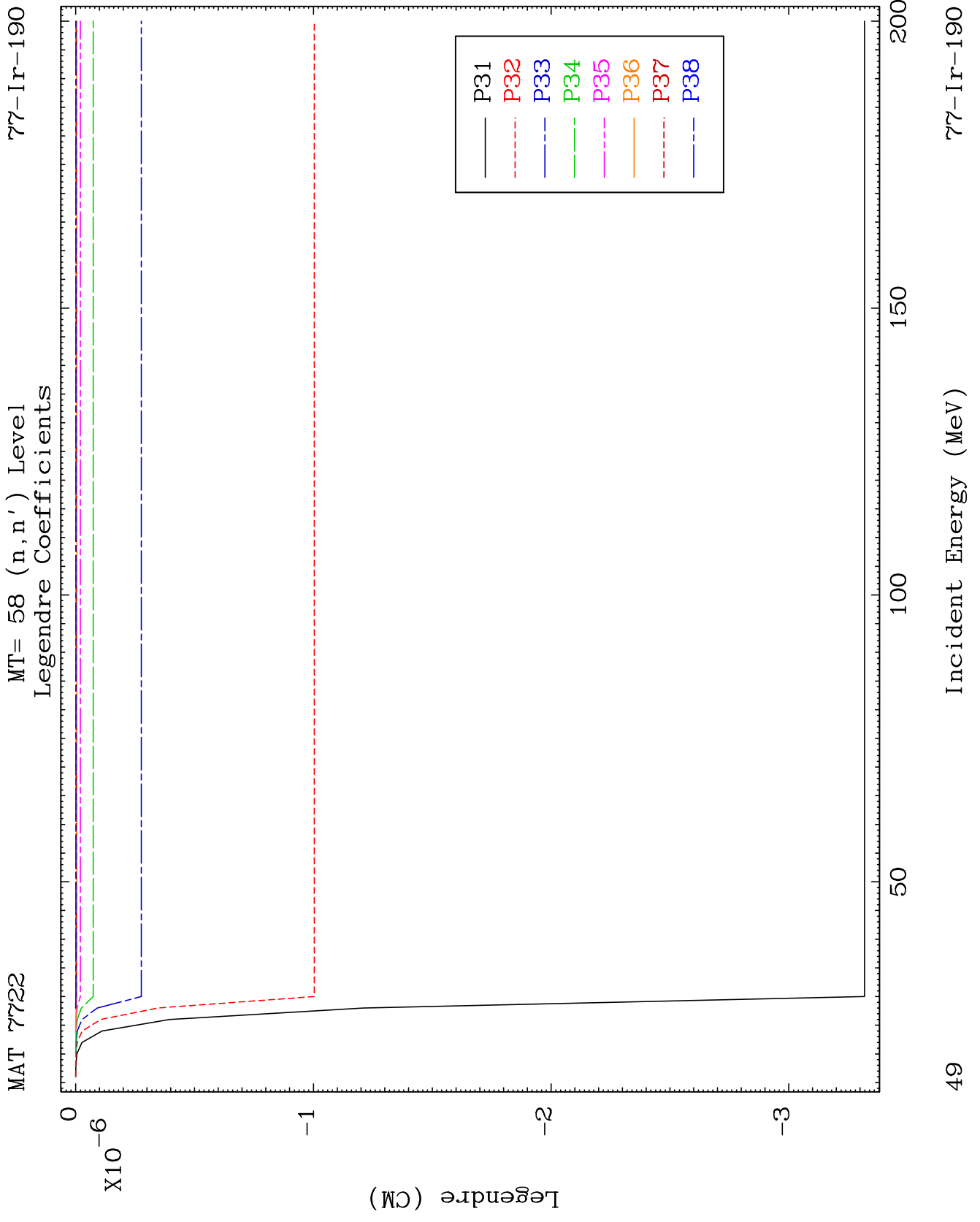
77-Ir-190

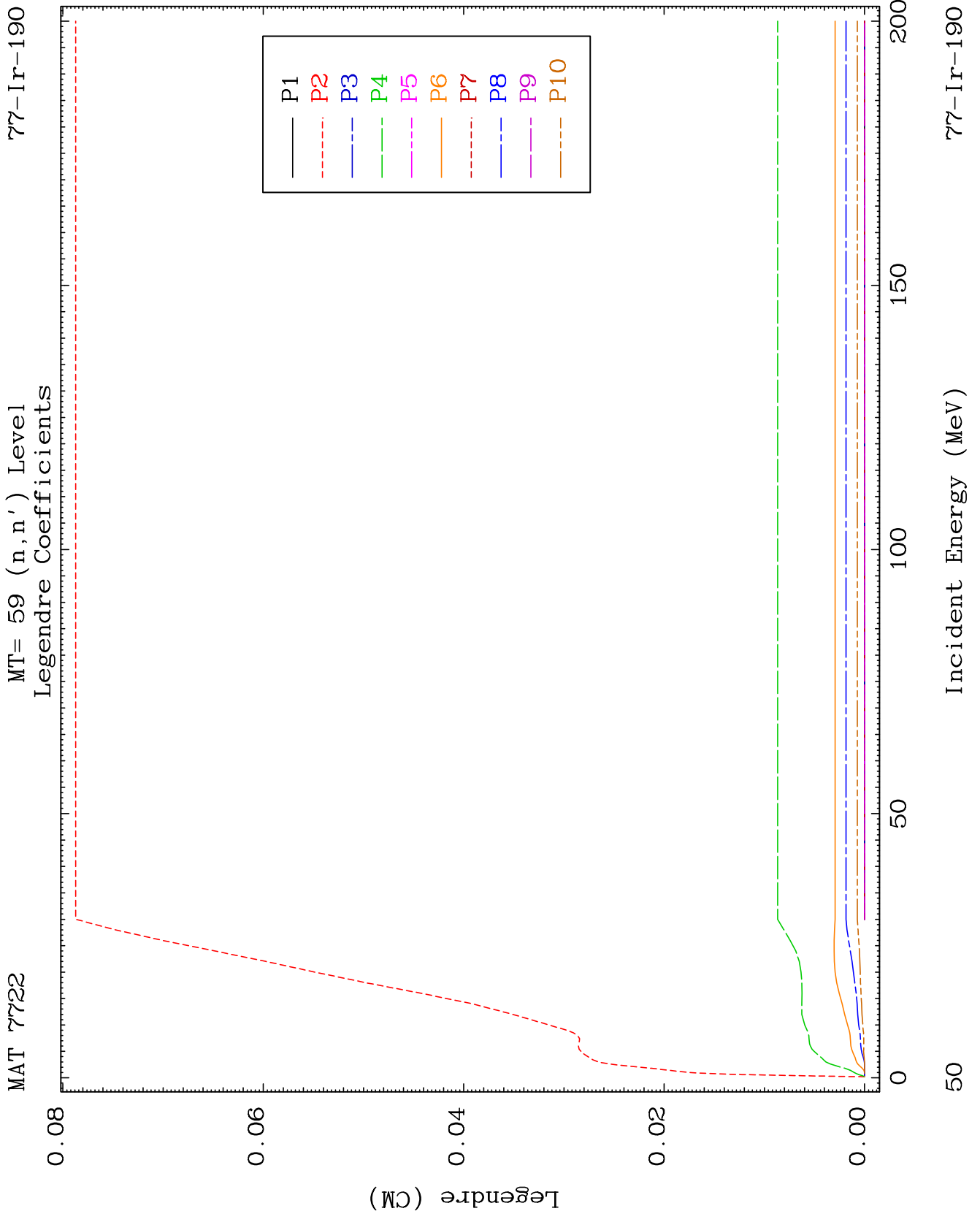


48

Incident Energy (MeV)

77-Ir-190

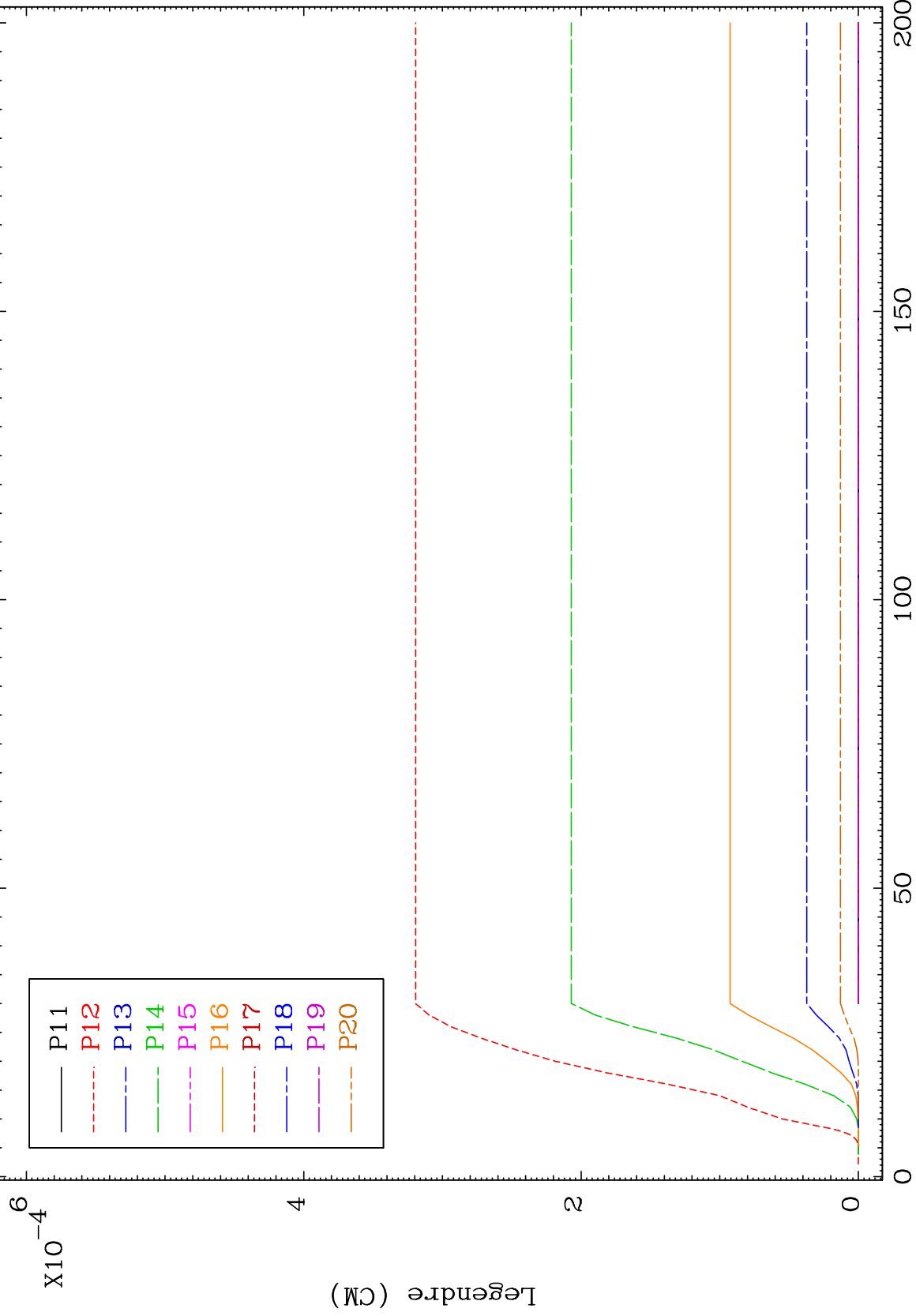




MAT 7722

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

77-Ir-190

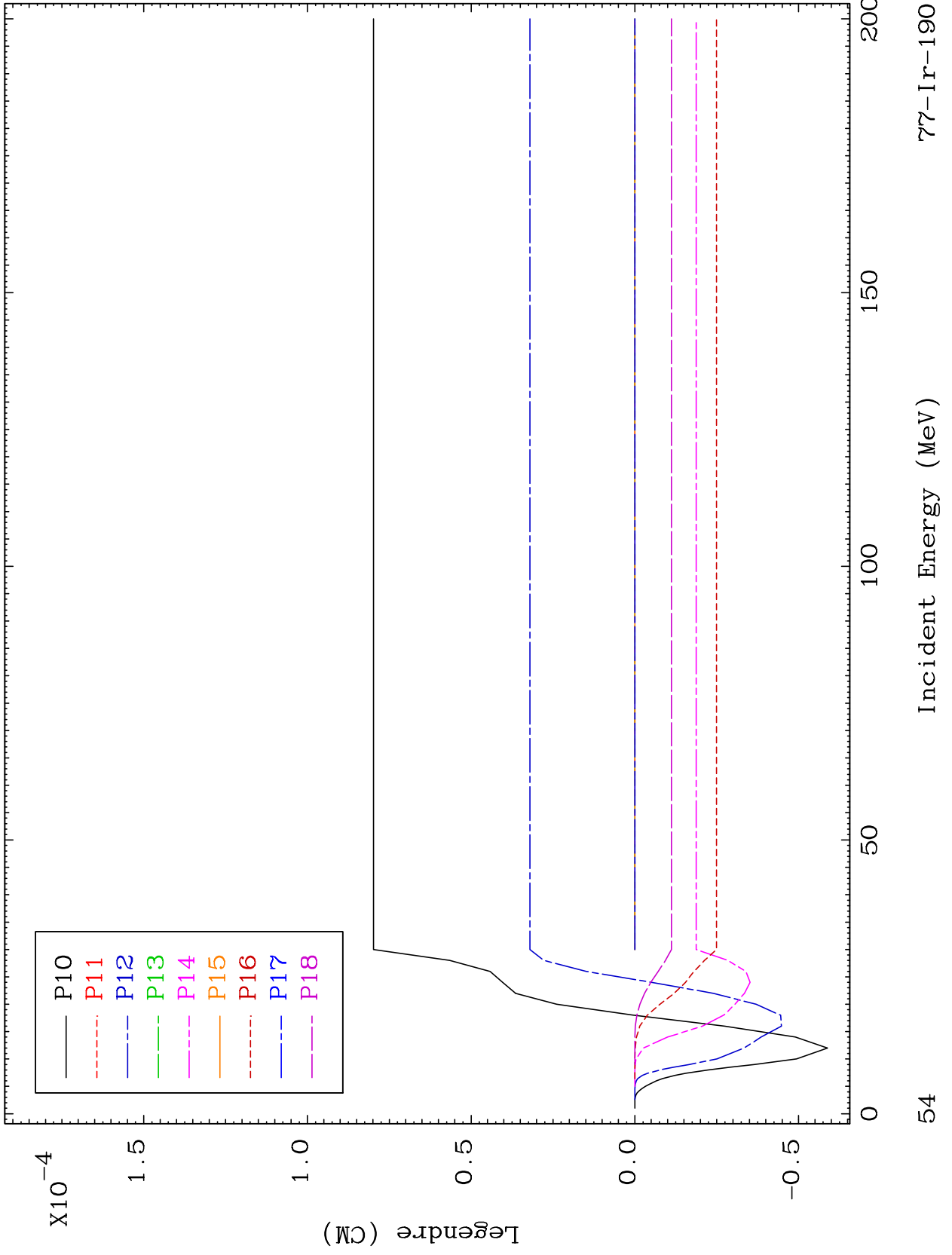


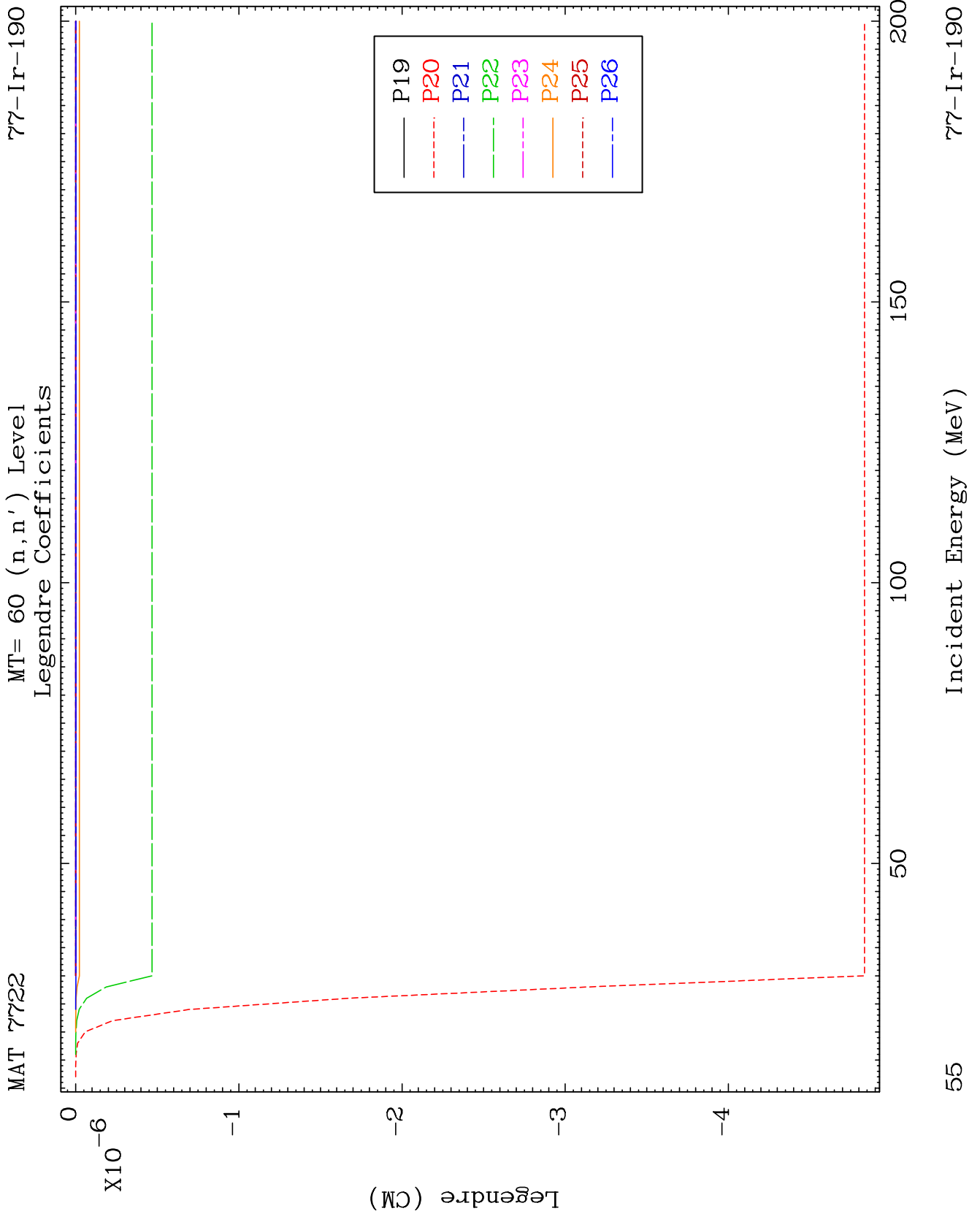
51

77-Ir-190







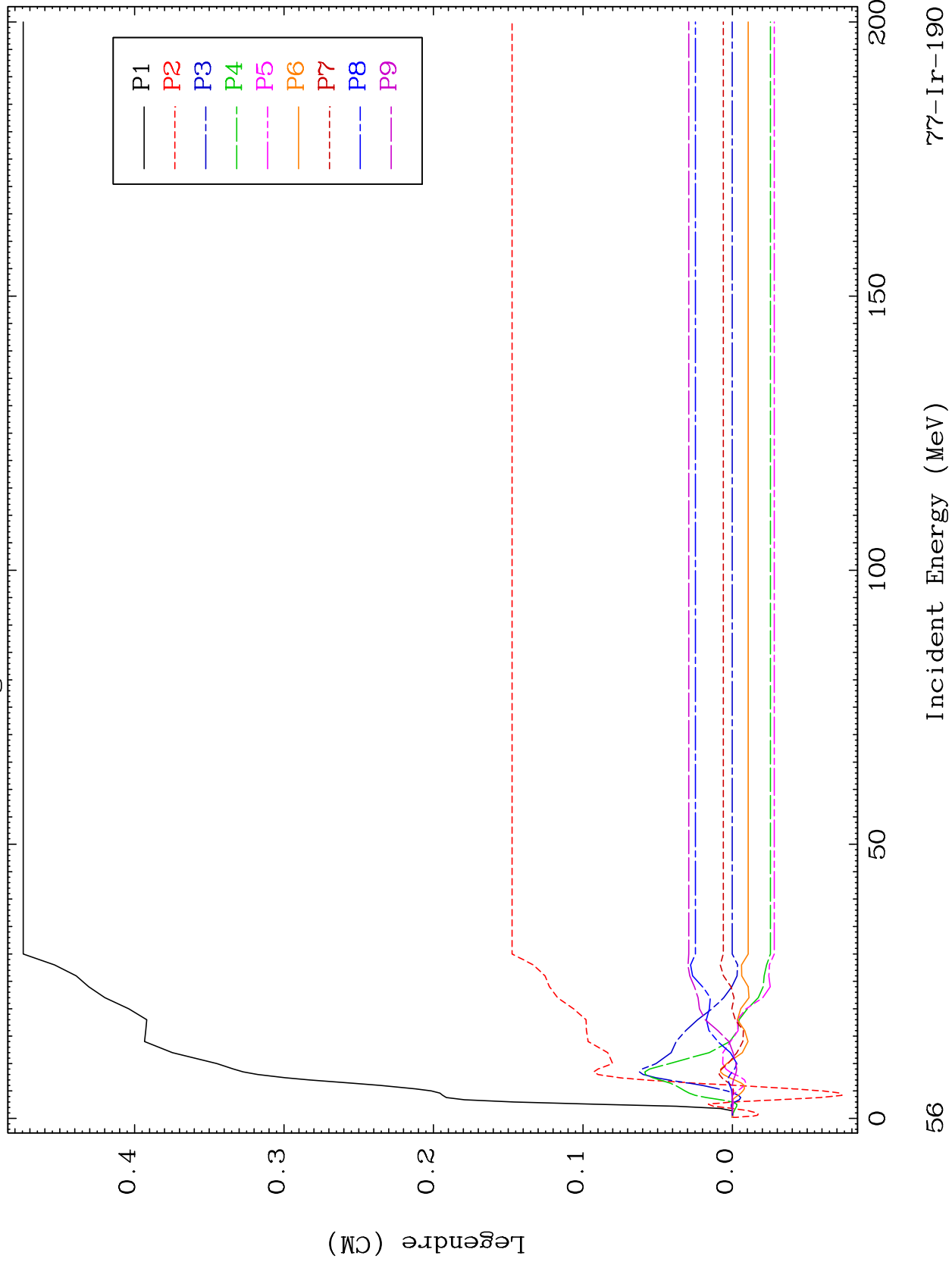




MAT 7722

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

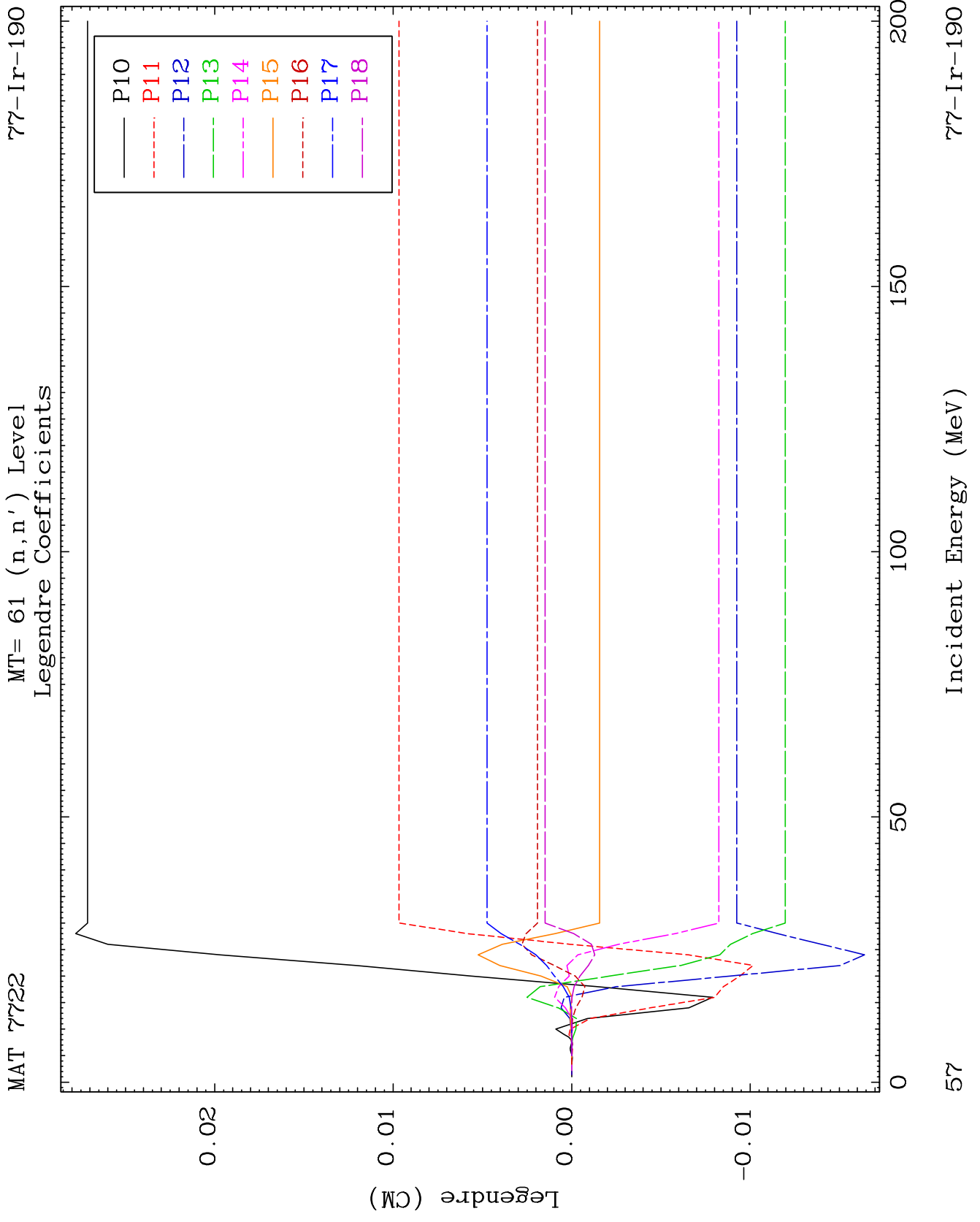
77-Ir-190



77-Ir-190

Incident Energy (MeV)

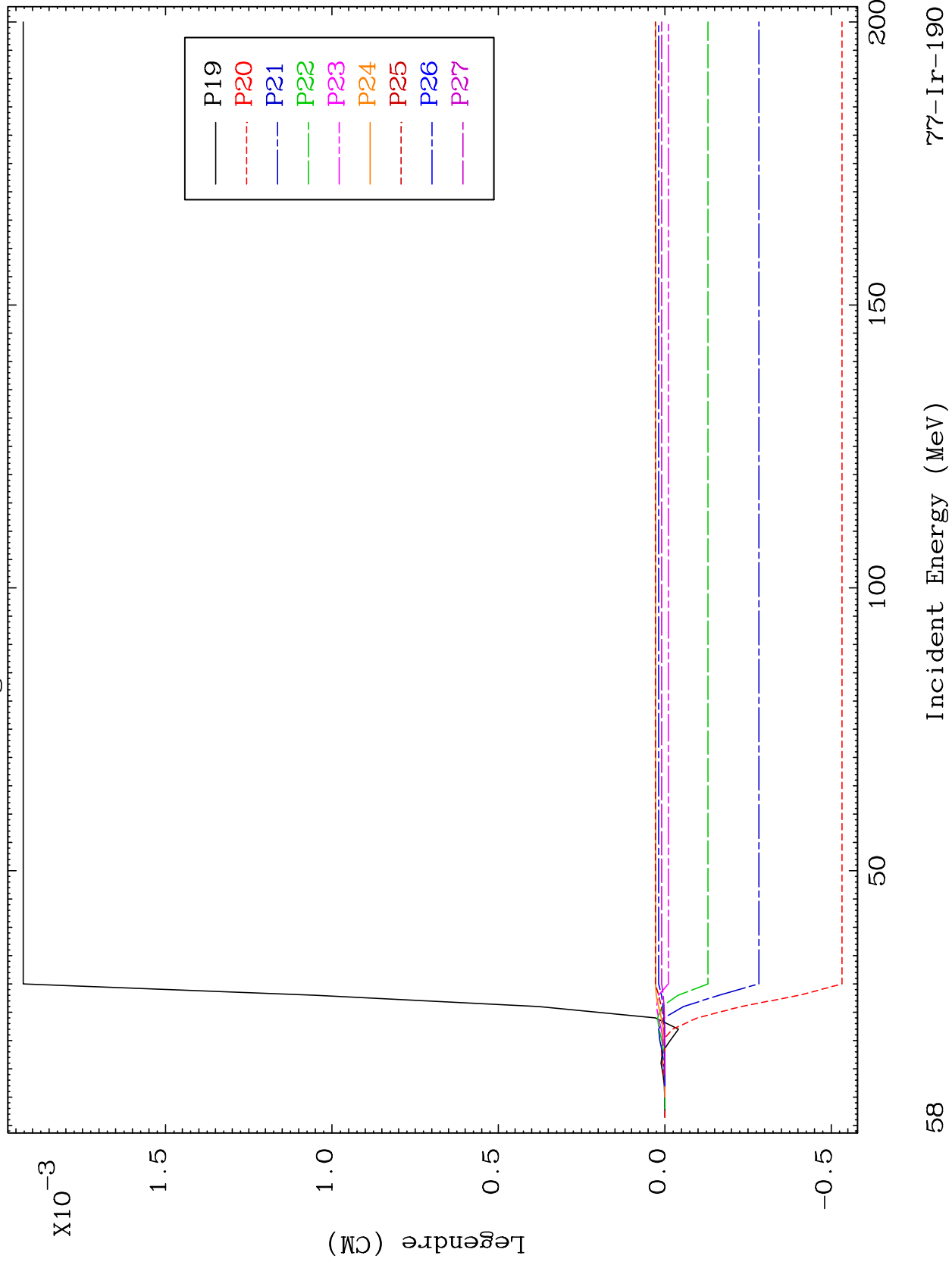
56



MAT 7722

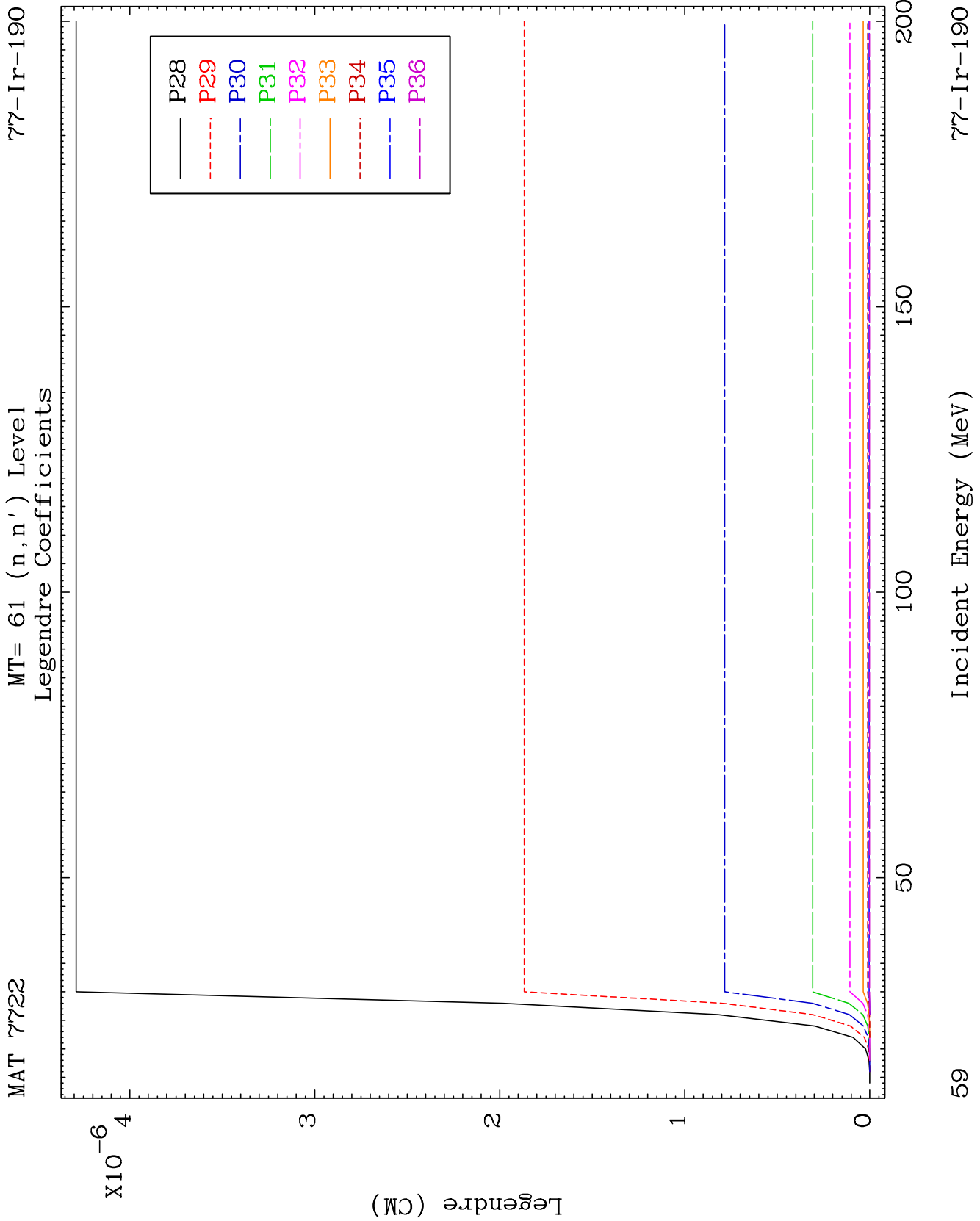
MT= 61 (n,n') Level  
Legendre Coefficients

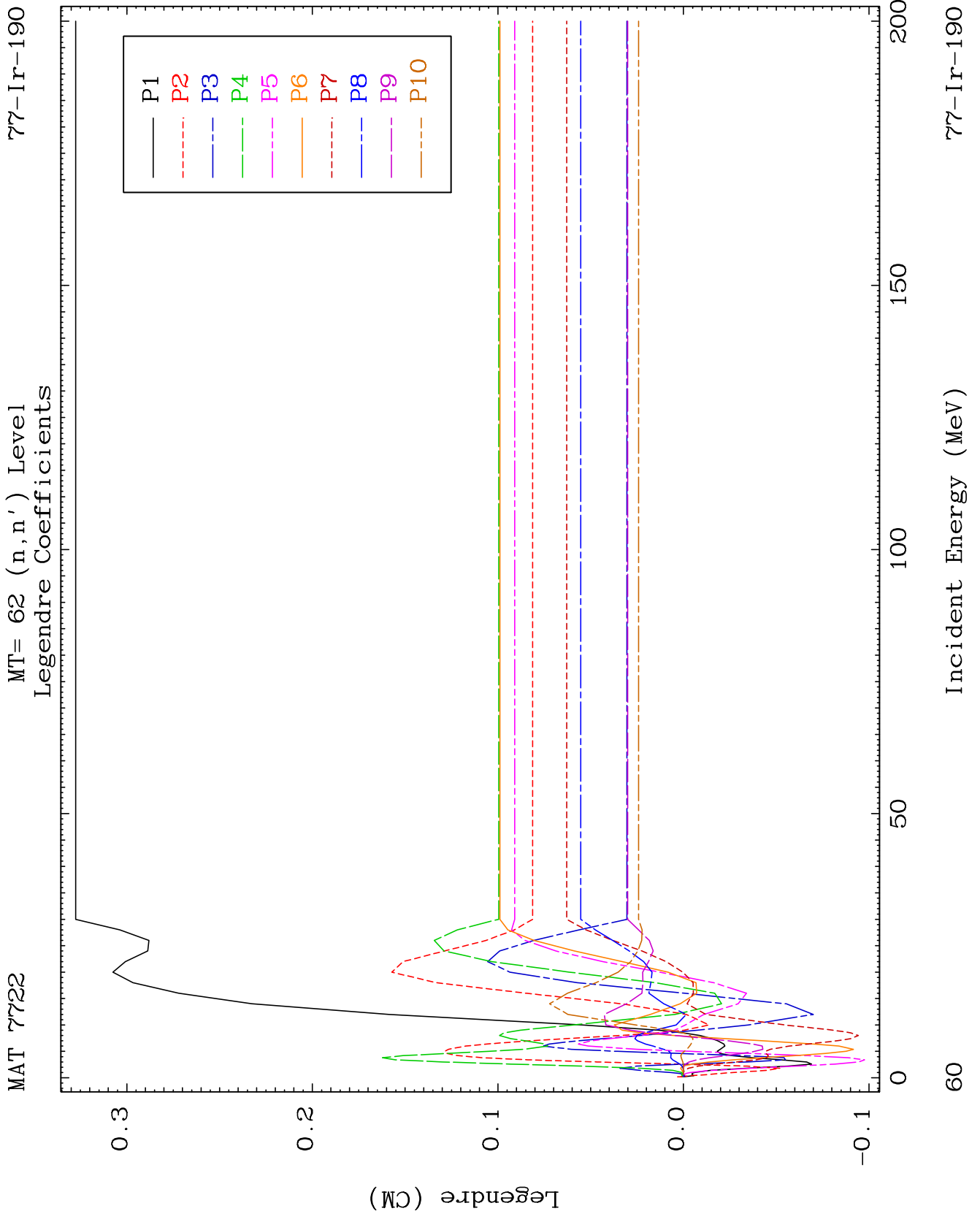
77-Ir-190



58

77-Ir-190

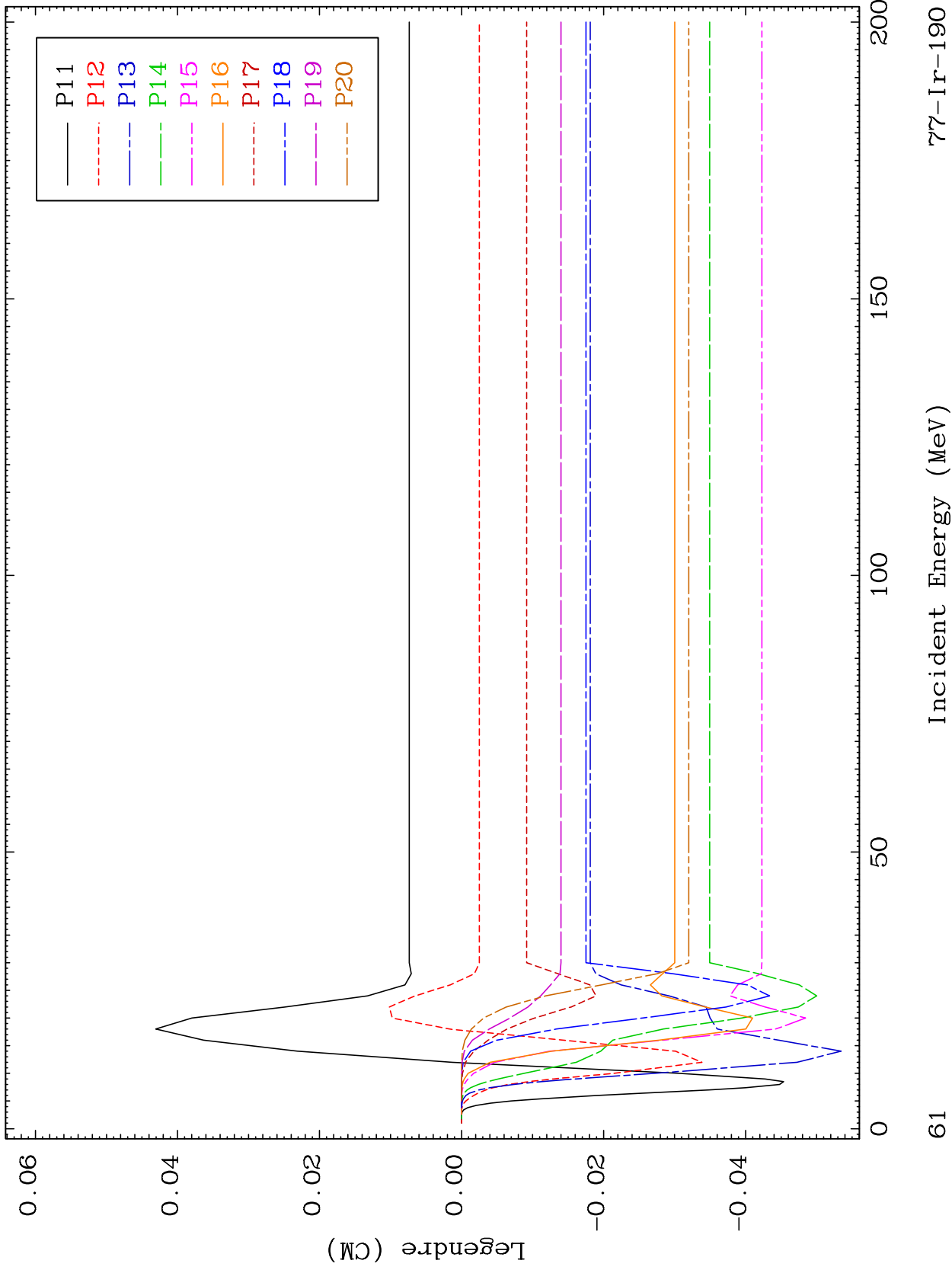




MAT 7722

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

77-Ir-190



61

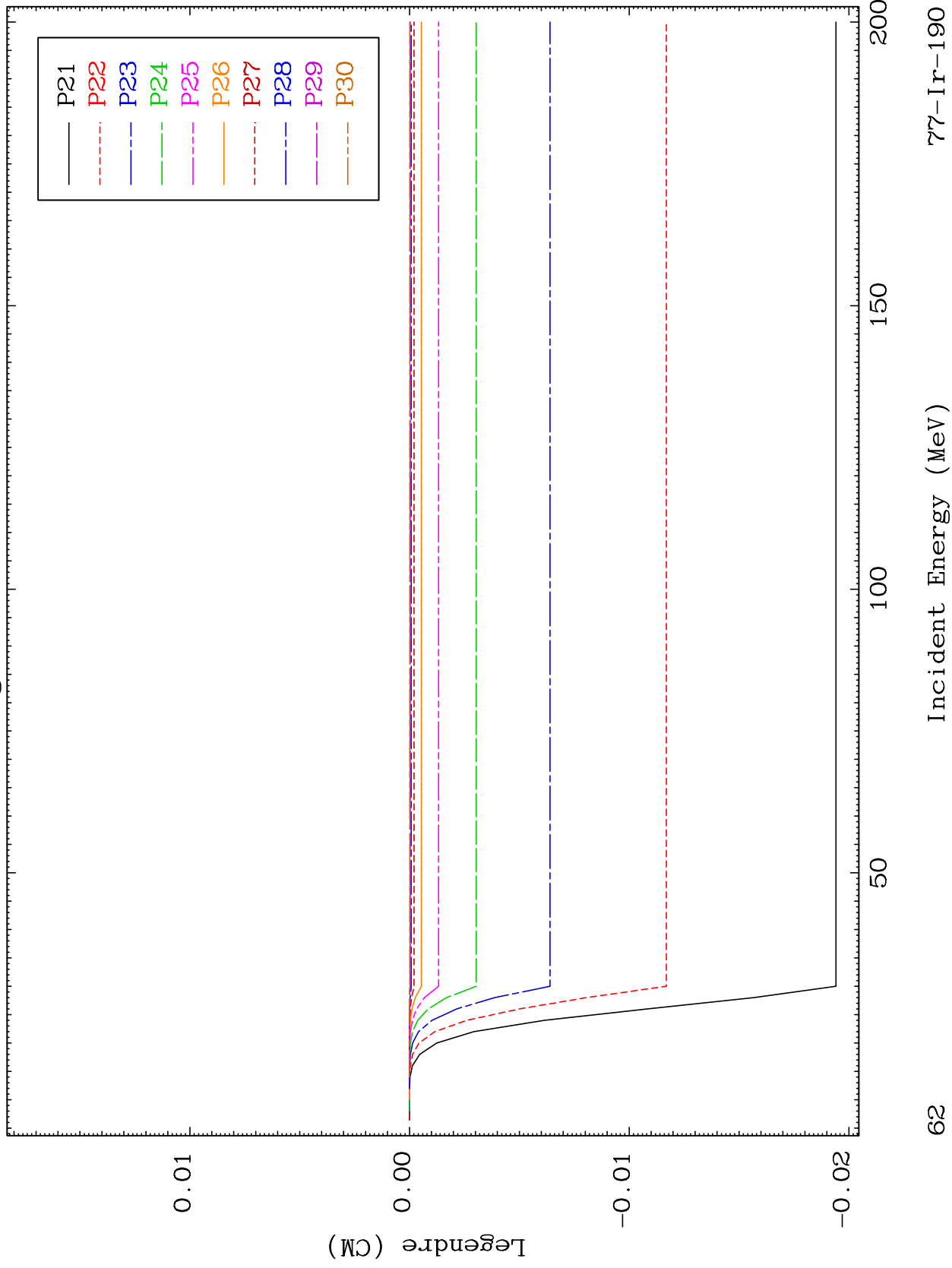
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

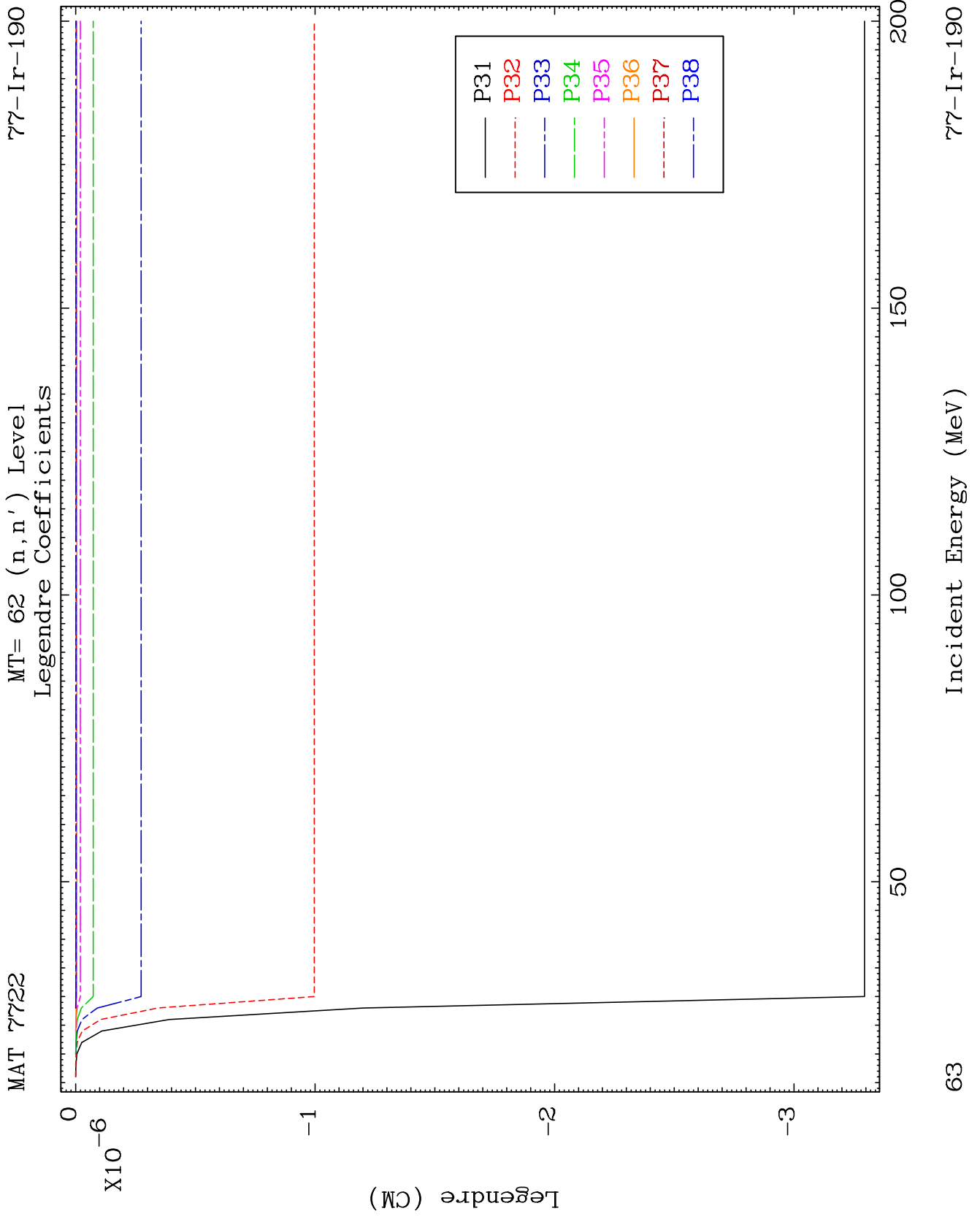
77-Ir-190



77-Ir-190

Incident Energy (MeV)

62

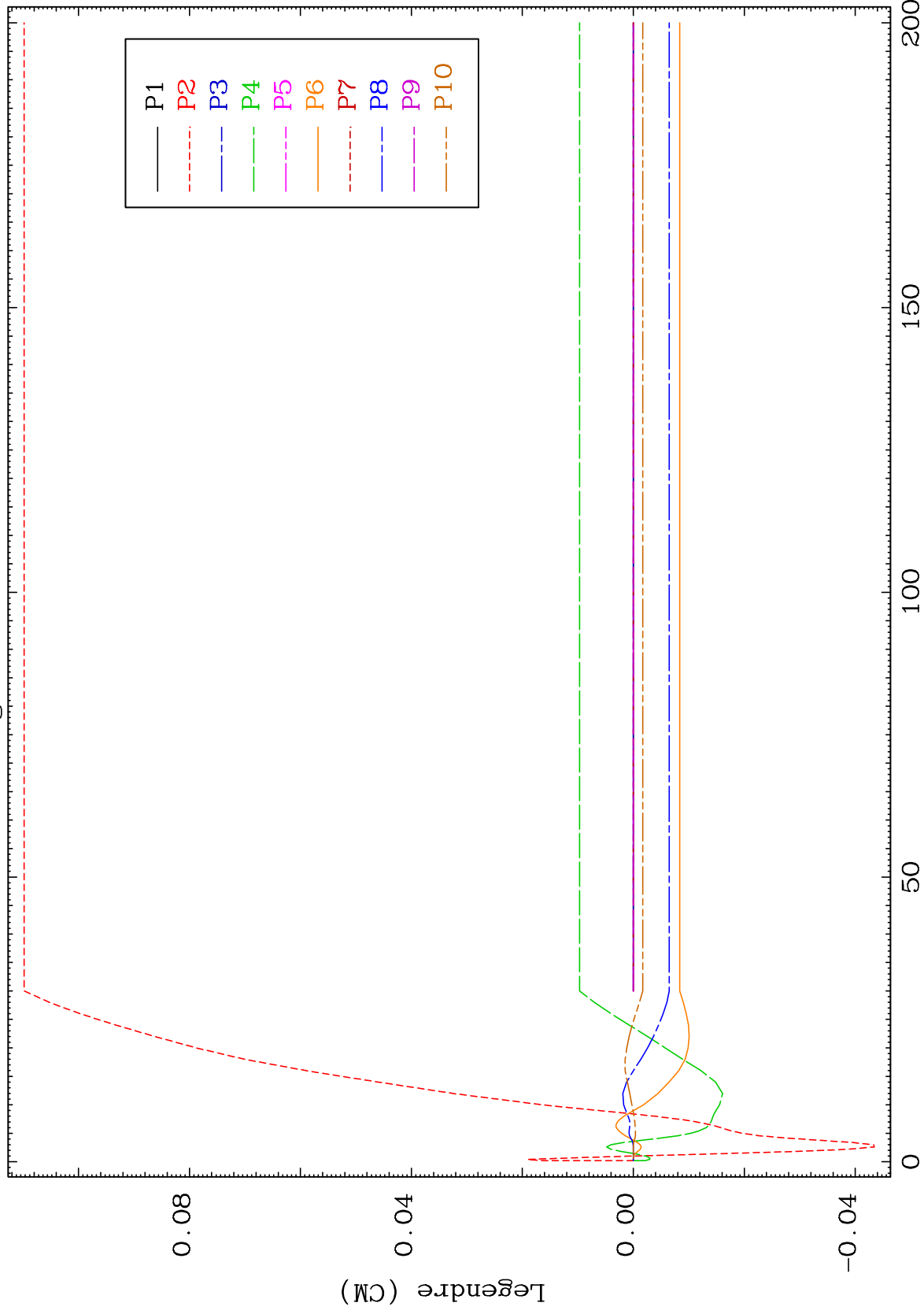




MAT 7722

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

77-Ir-190



64

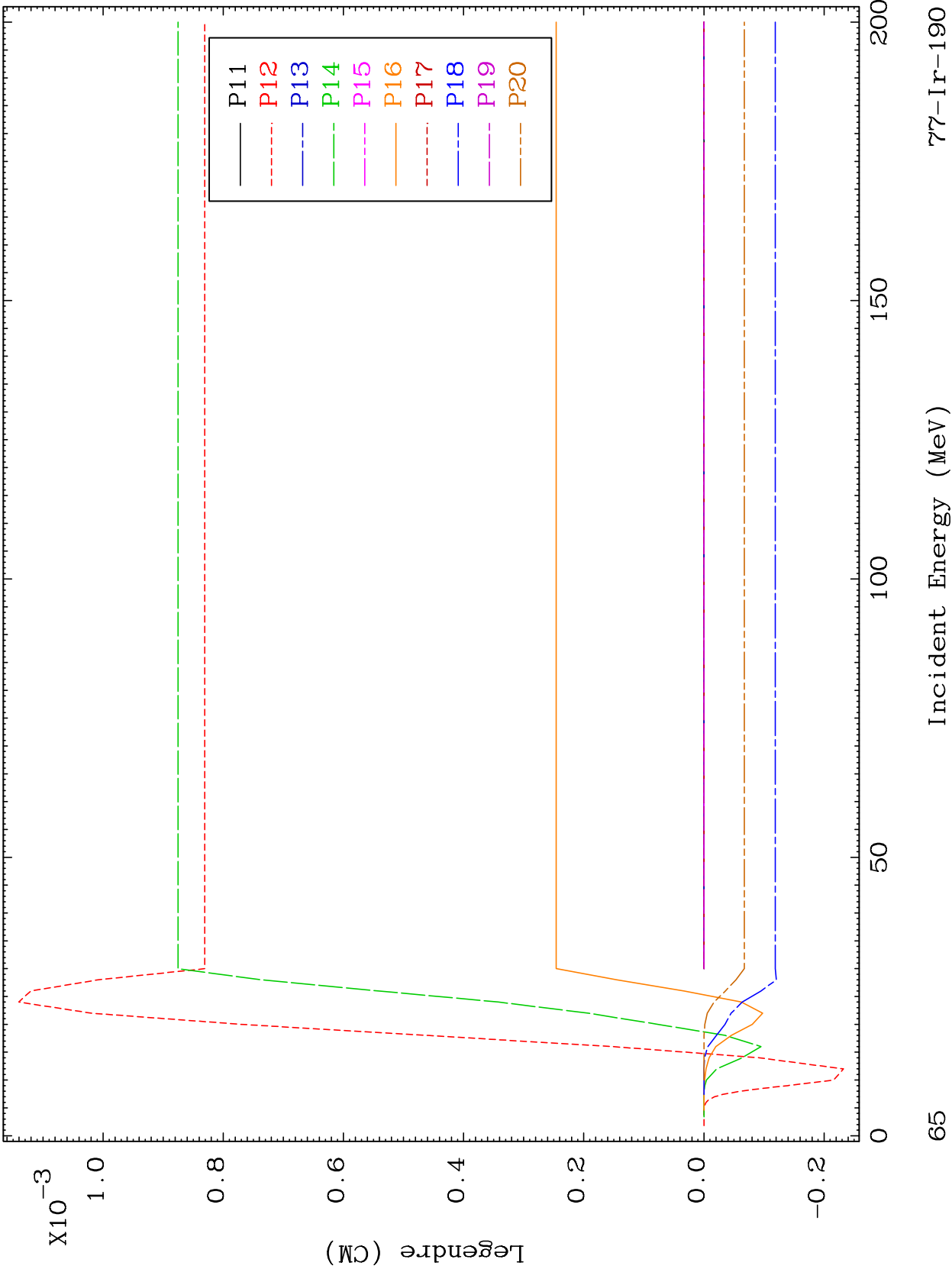
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

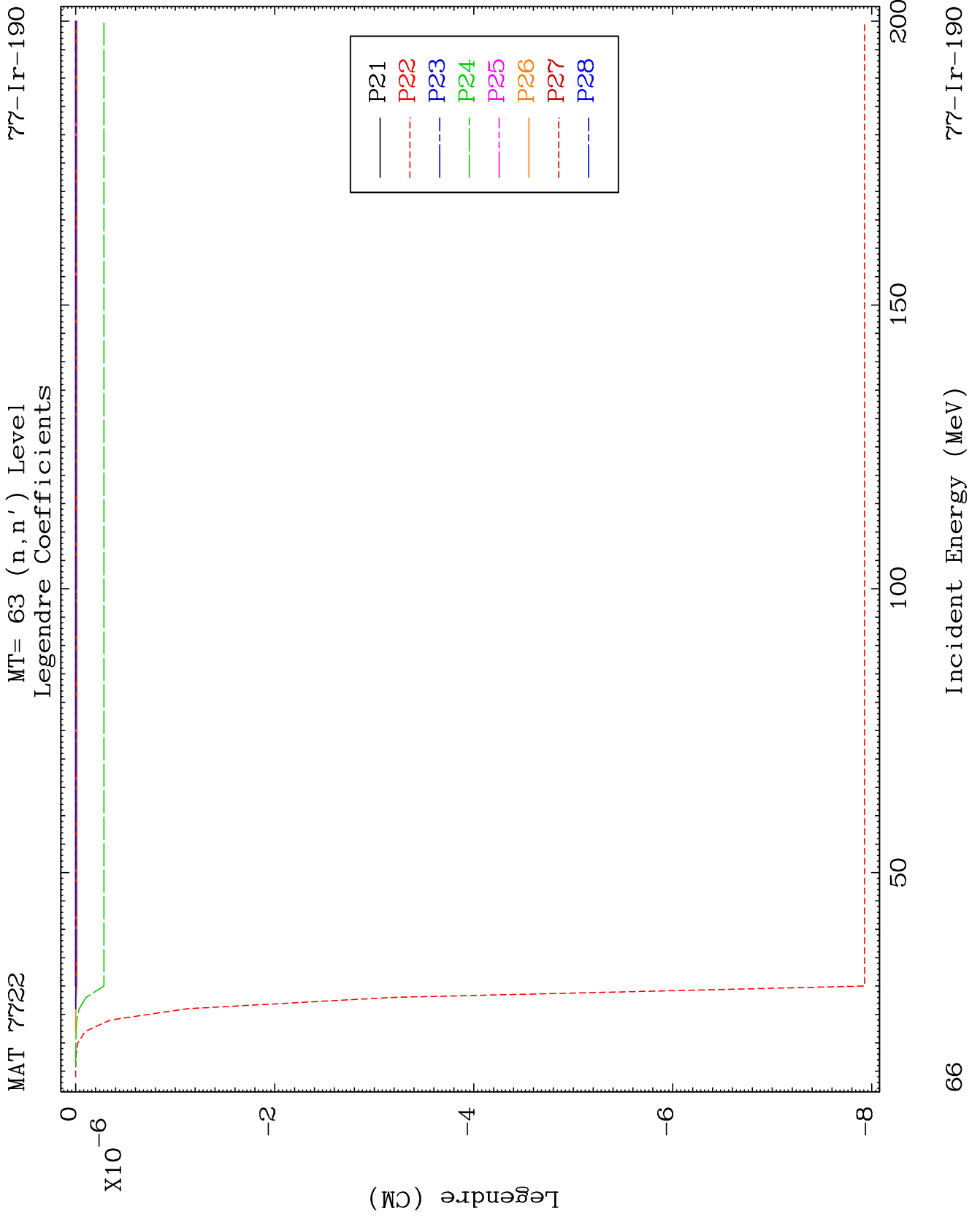
77-Ir-190

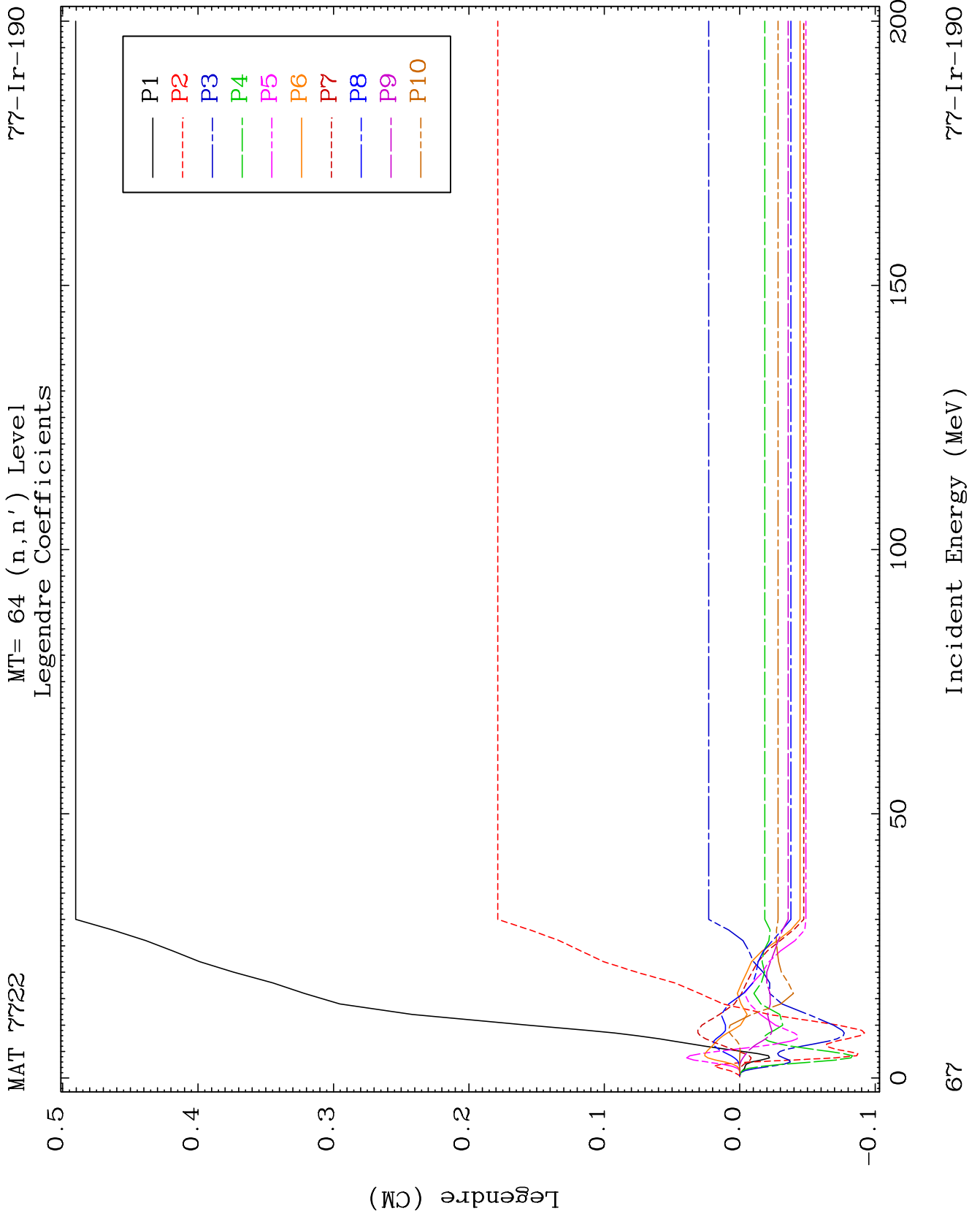


77-Ir-190

Incident Energy (MeV)

65

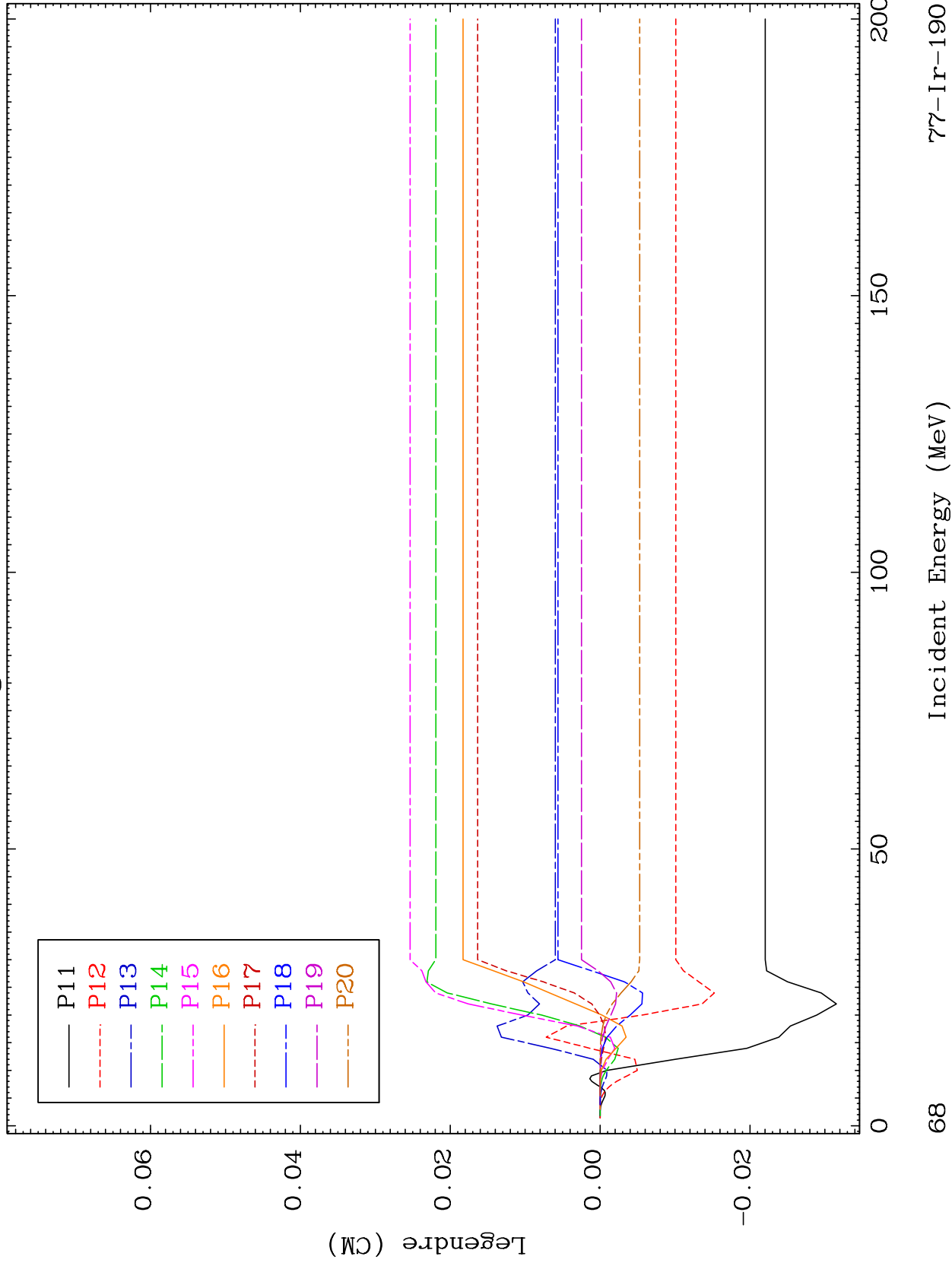




MAT 7722

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

77-Ir-190



77-Ir-190

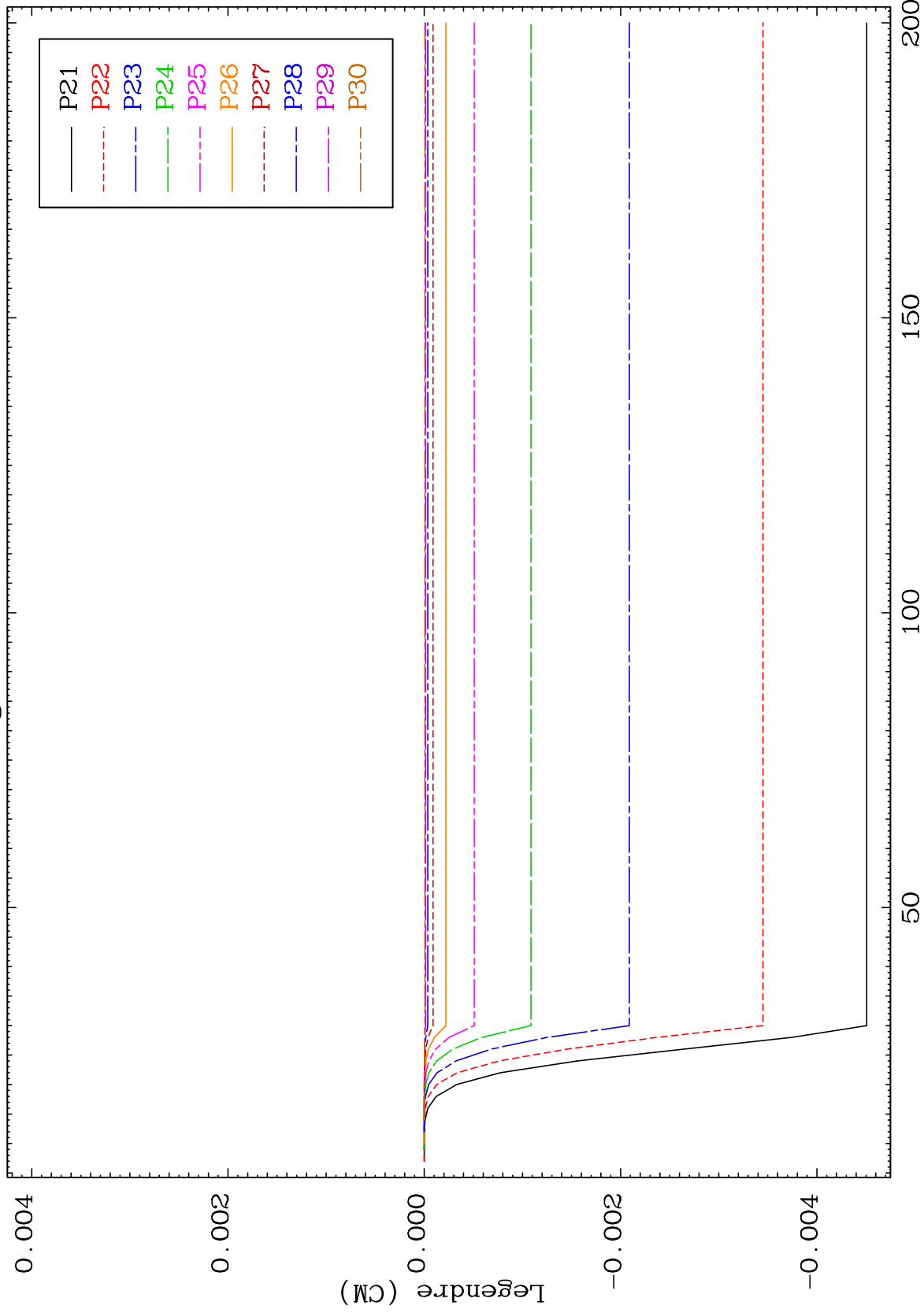
Incident Energy (MeV)

68

MAT 7722

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

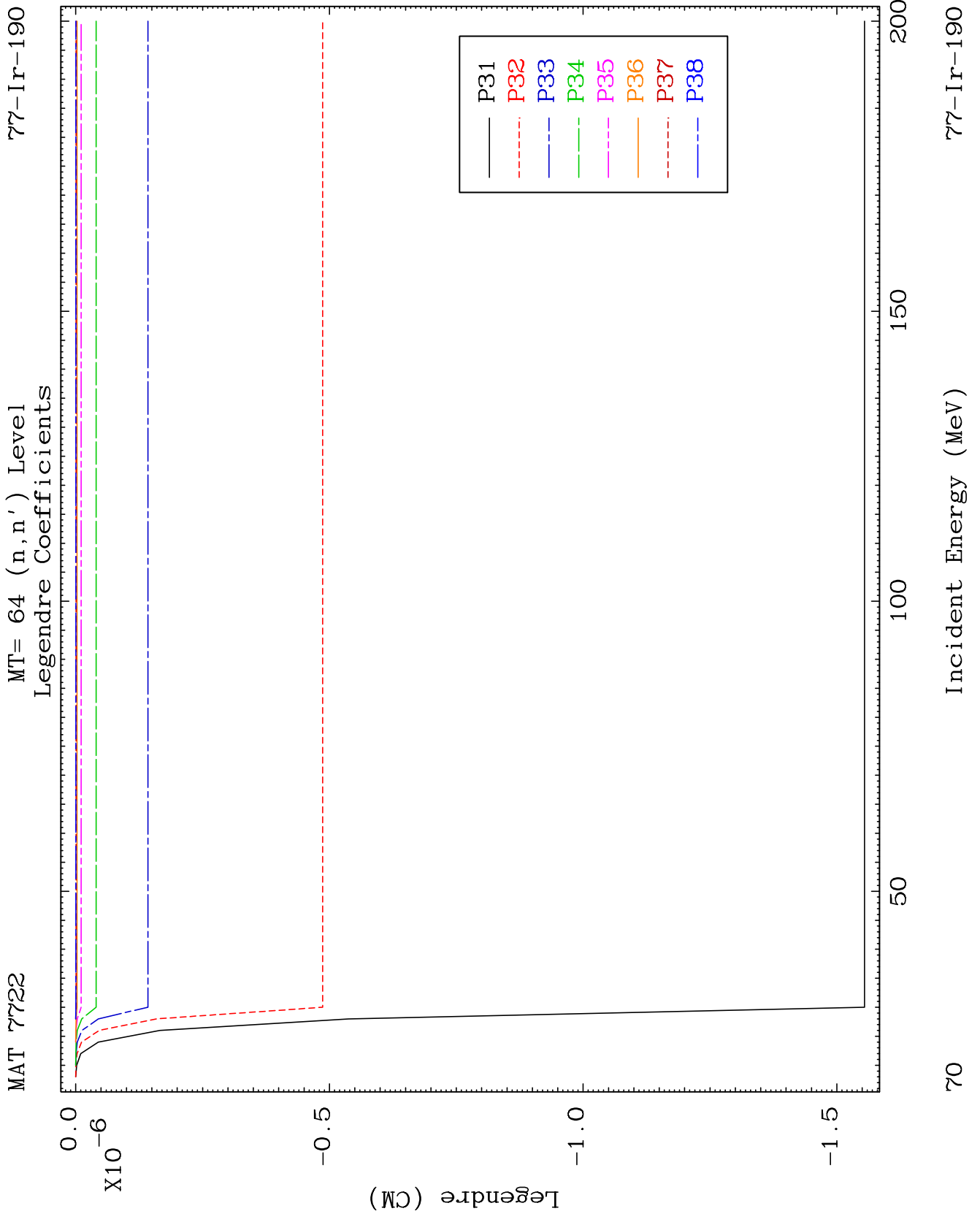
77-Ir-190



69

Incident Energy (MeV)

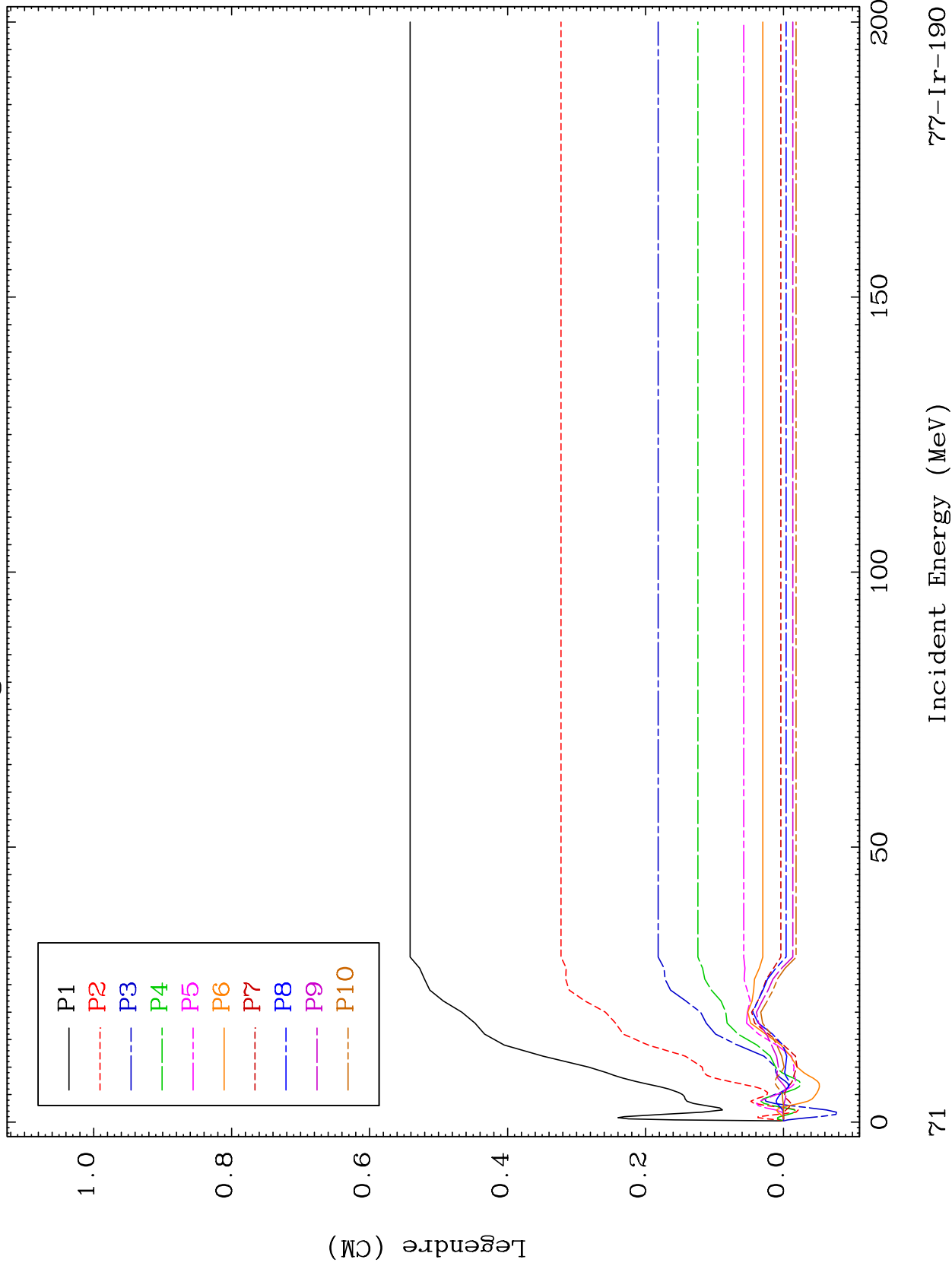
77-Ir-190



MAT 7722

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

77-Ir-190

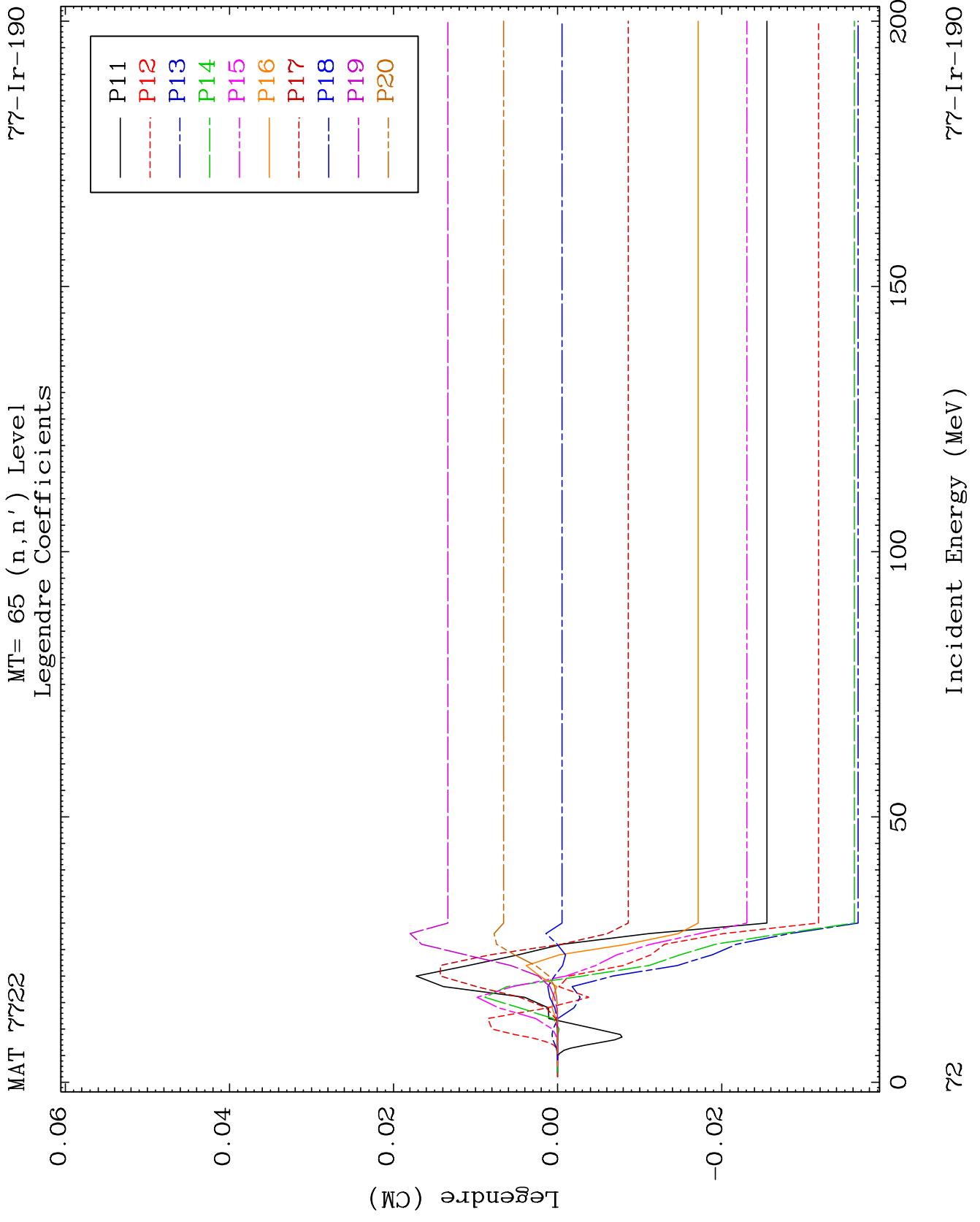


77-Ir-190

Incident Energy (MeV)

71

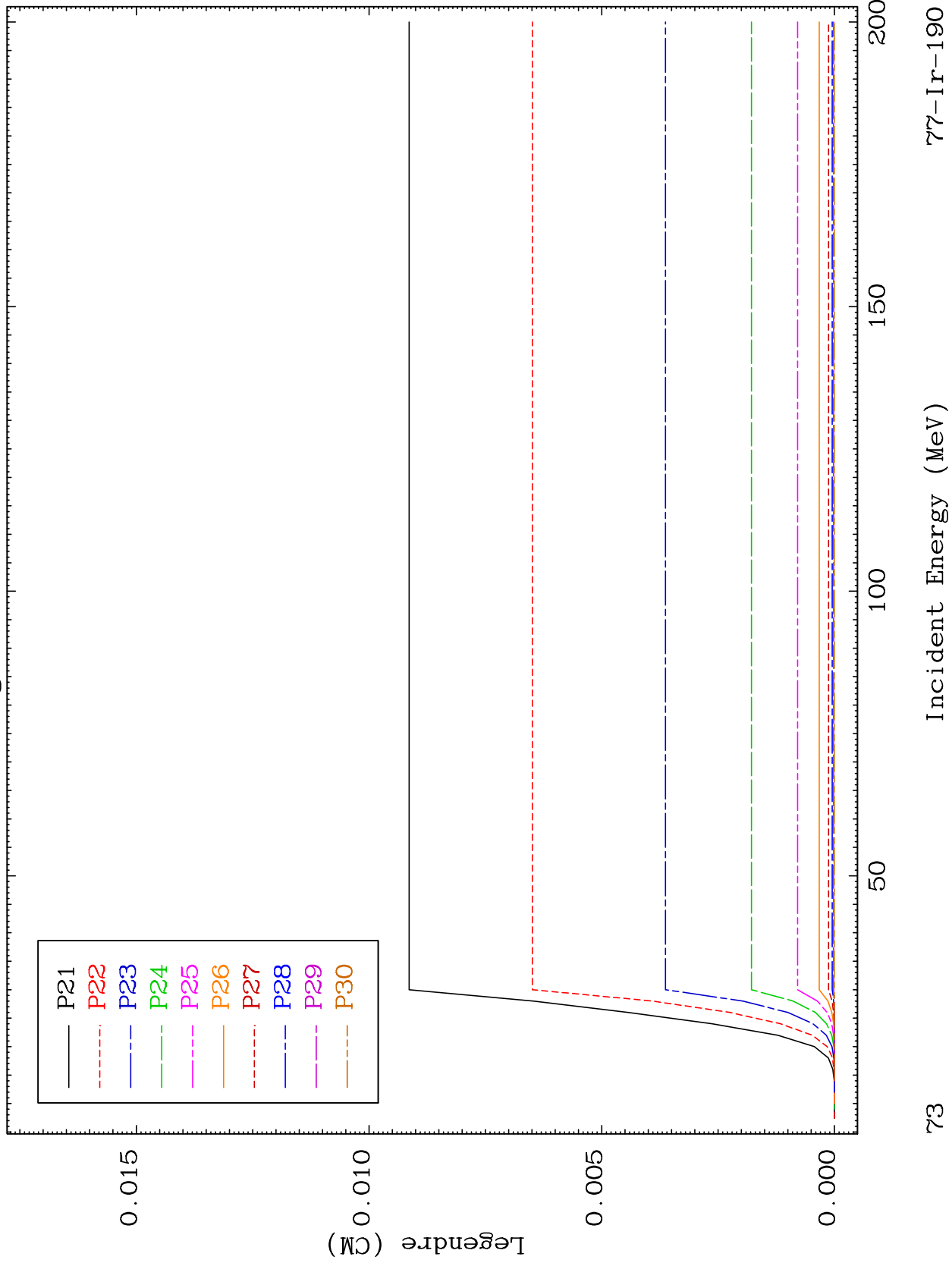




MAT 7722

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

77-Ir-190



73

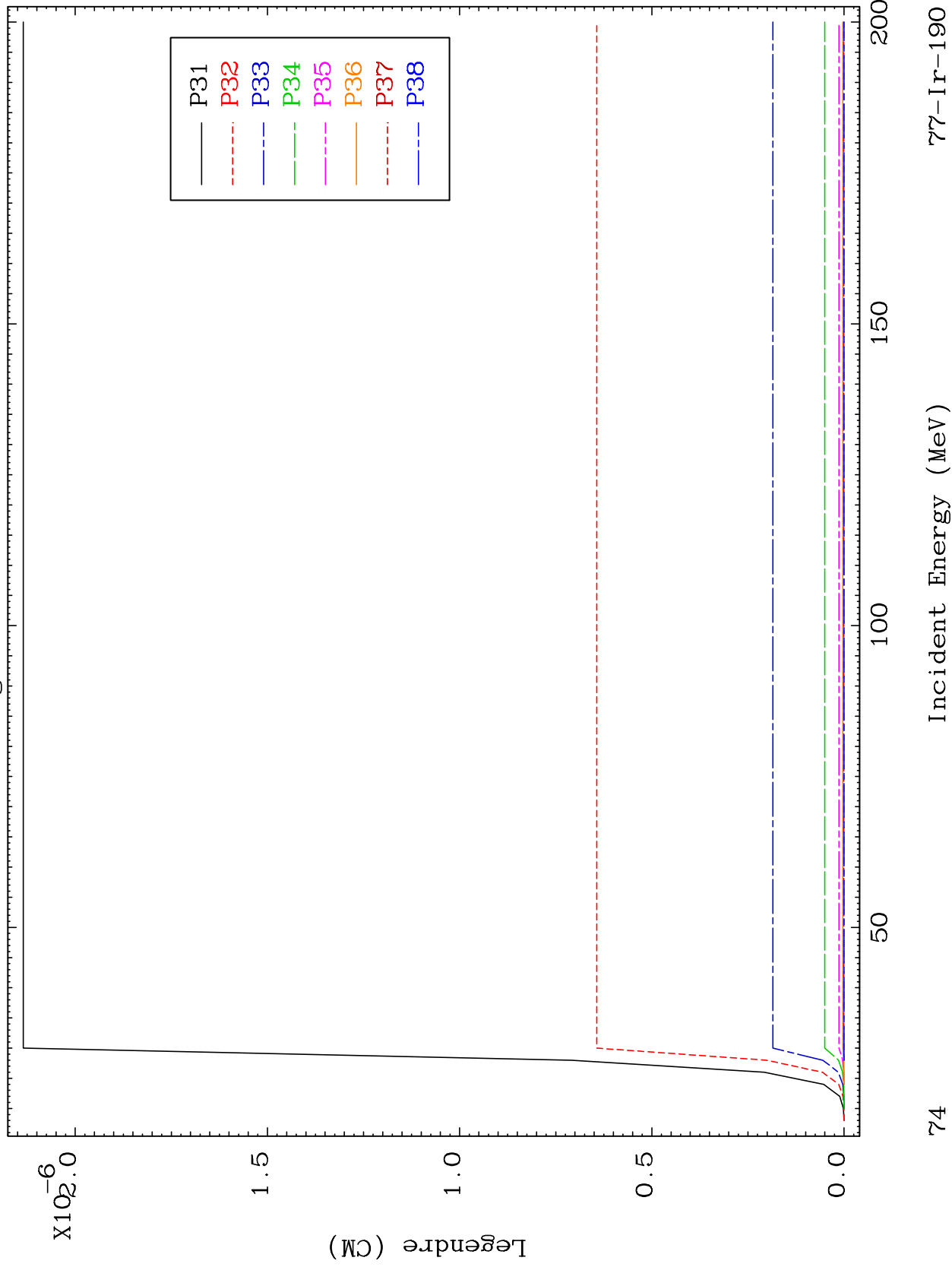
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

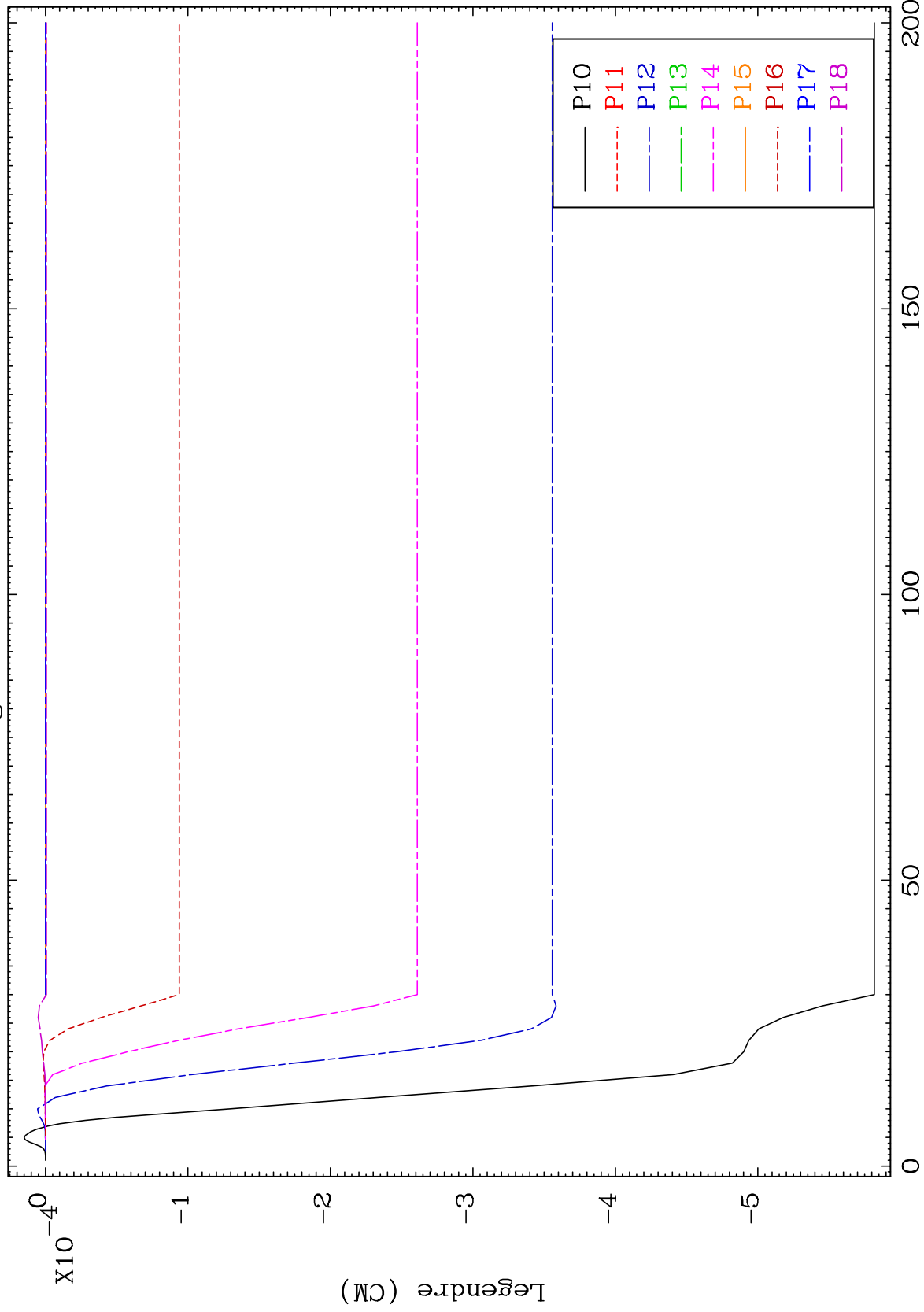




MAT 7722

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

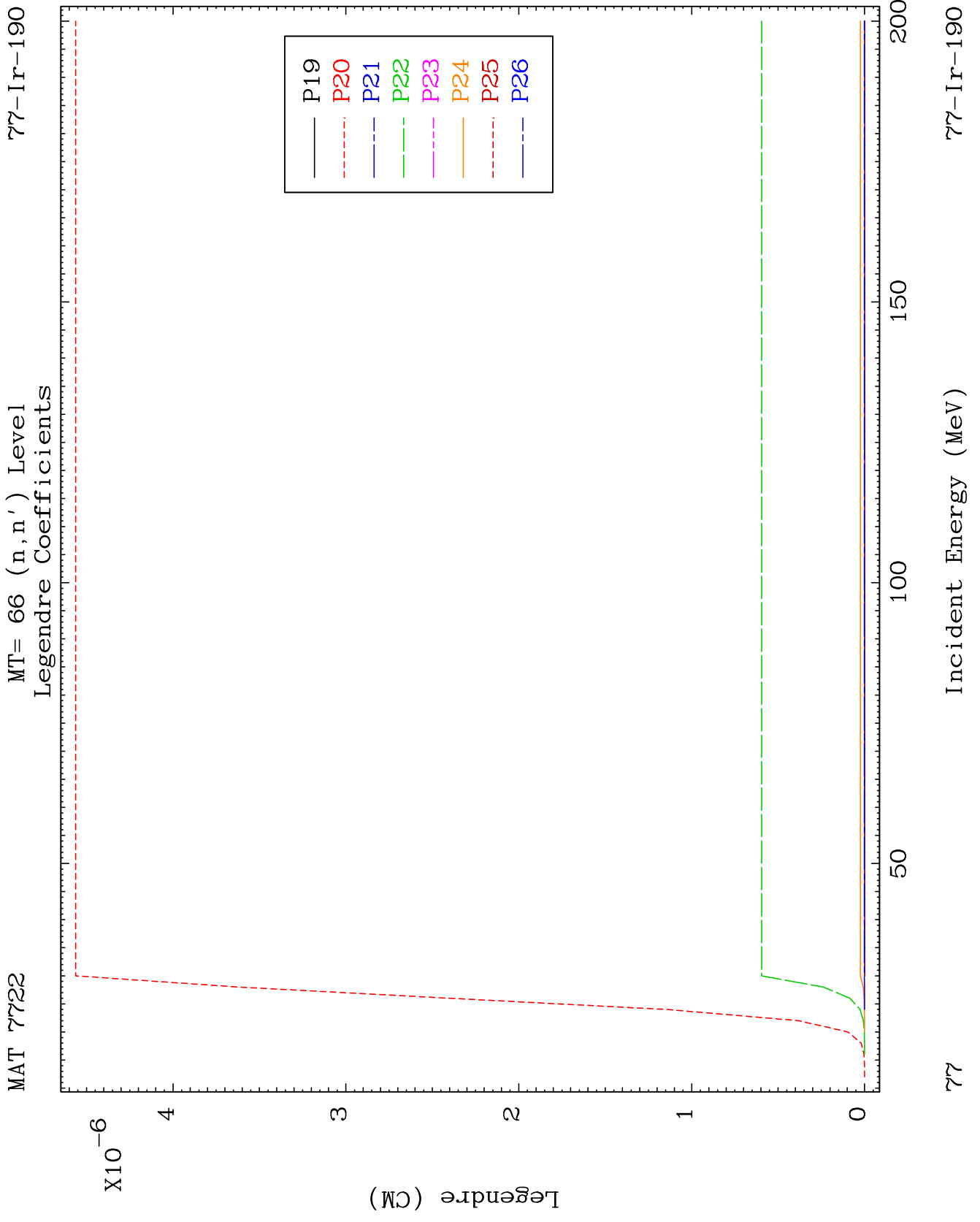
77-Ir-190

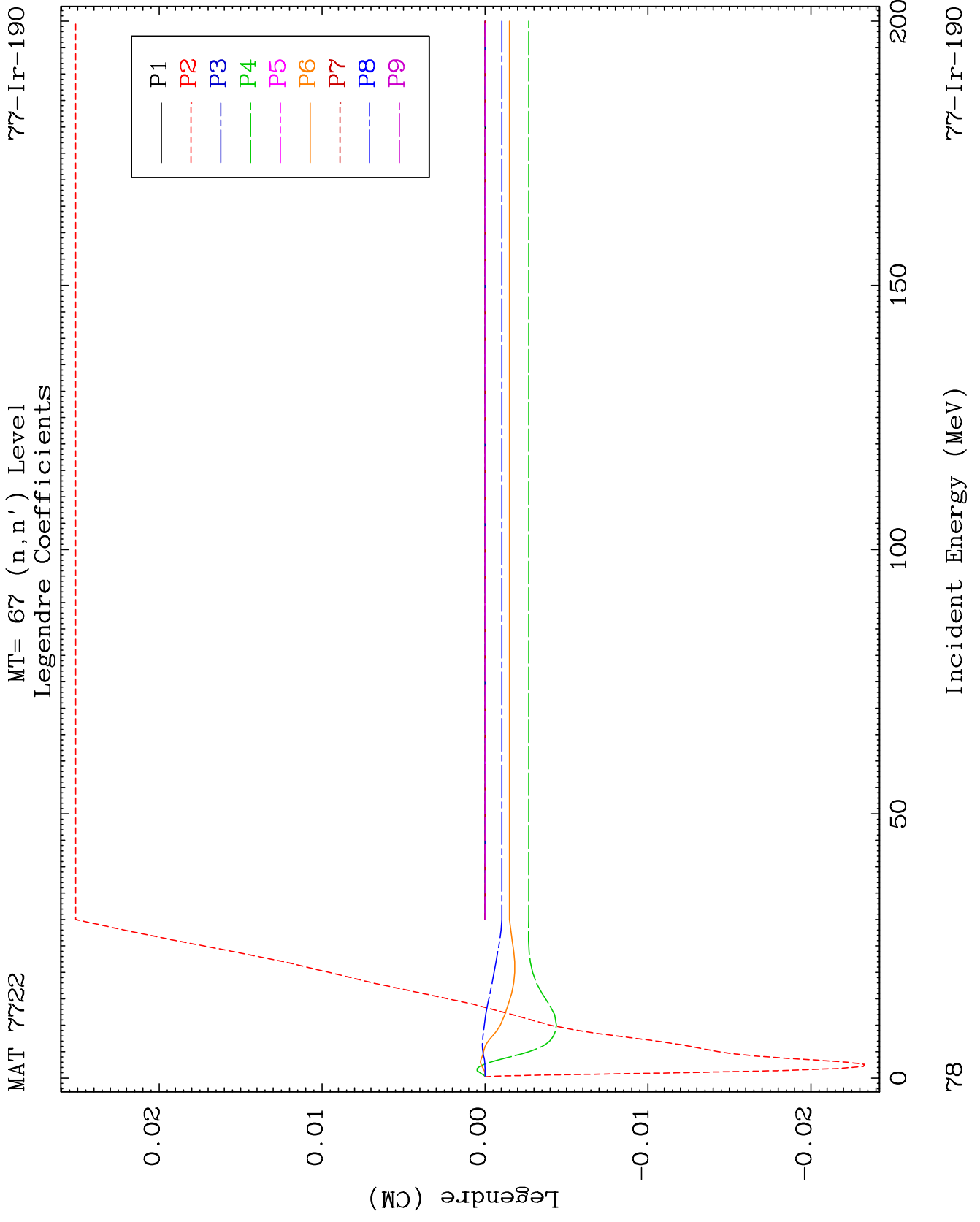


76

Incident Energy (MeV)

77-Ir-190

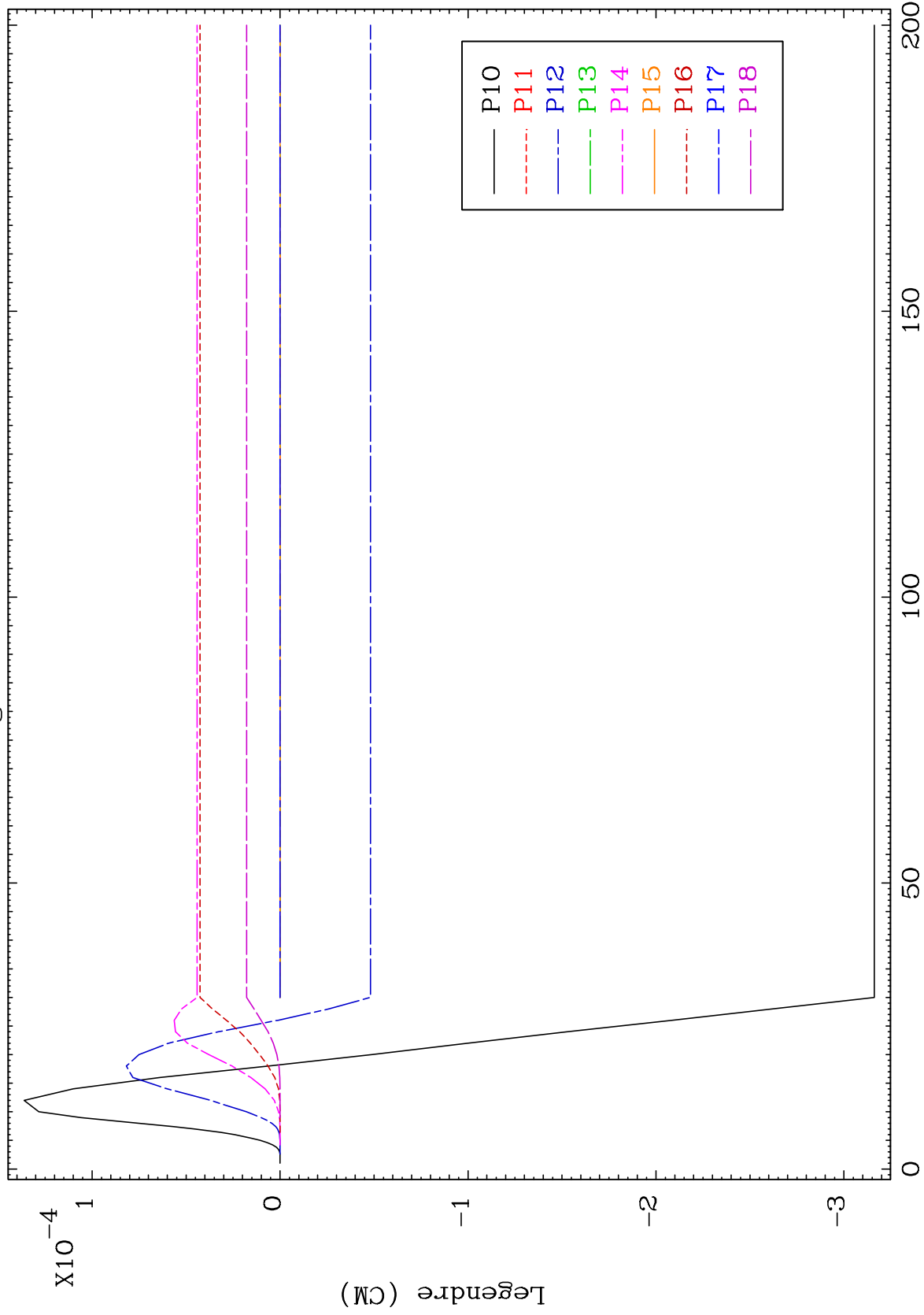




MAT 7722

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

77-Ir-190

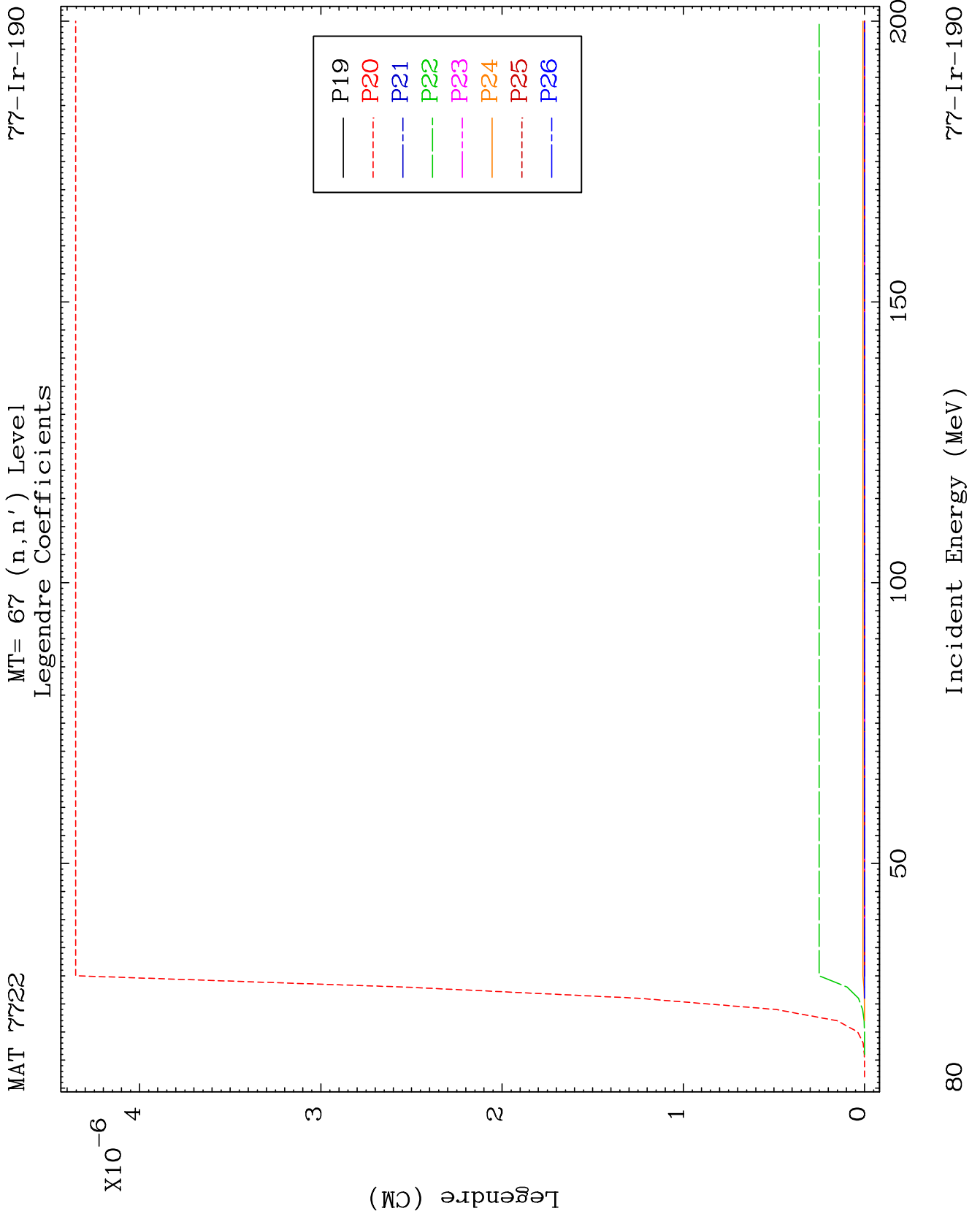


79

Incident Energy (MeV)

77-Ir-190

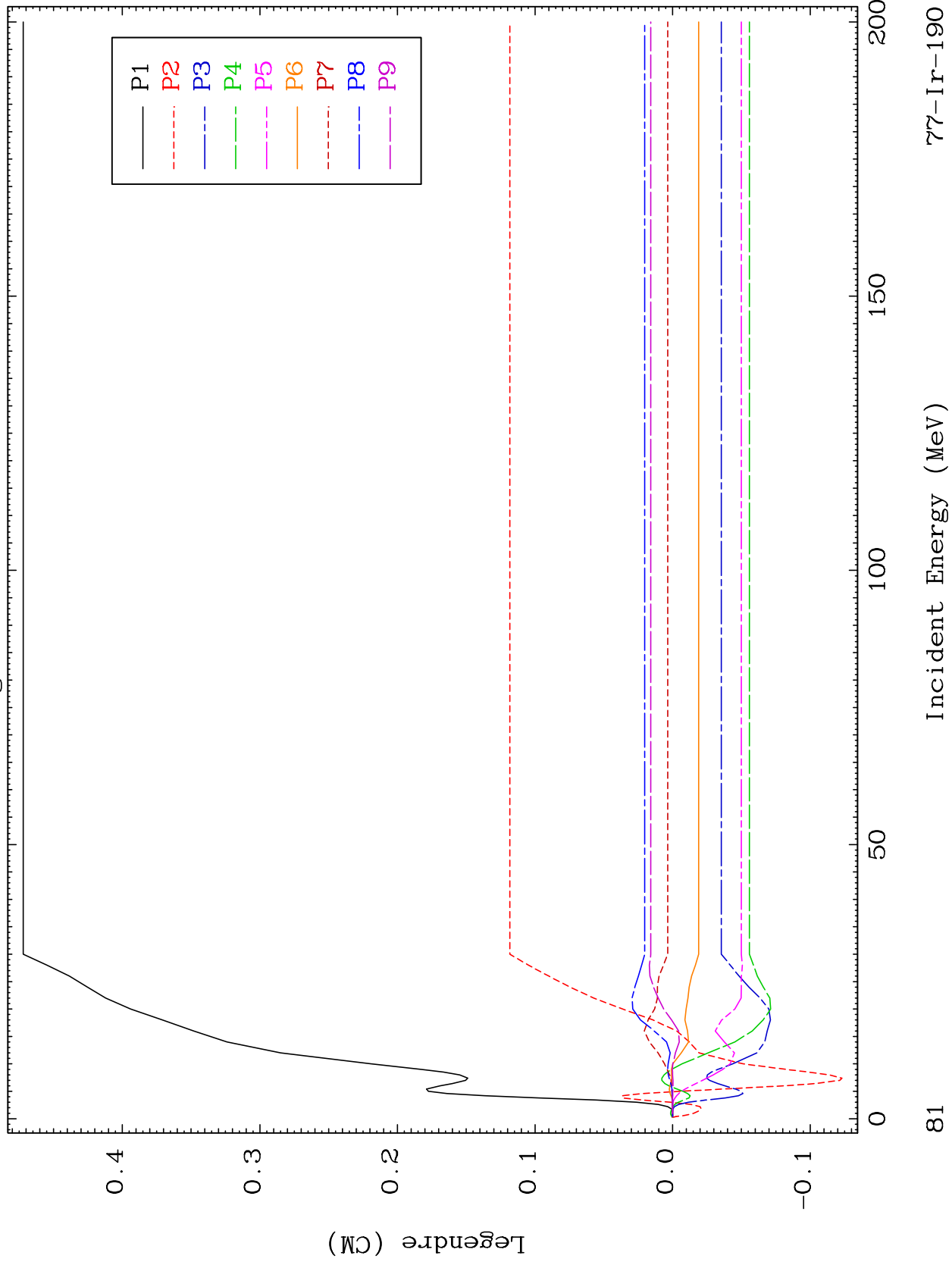




MAT 7722

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

77-Ir-190



81

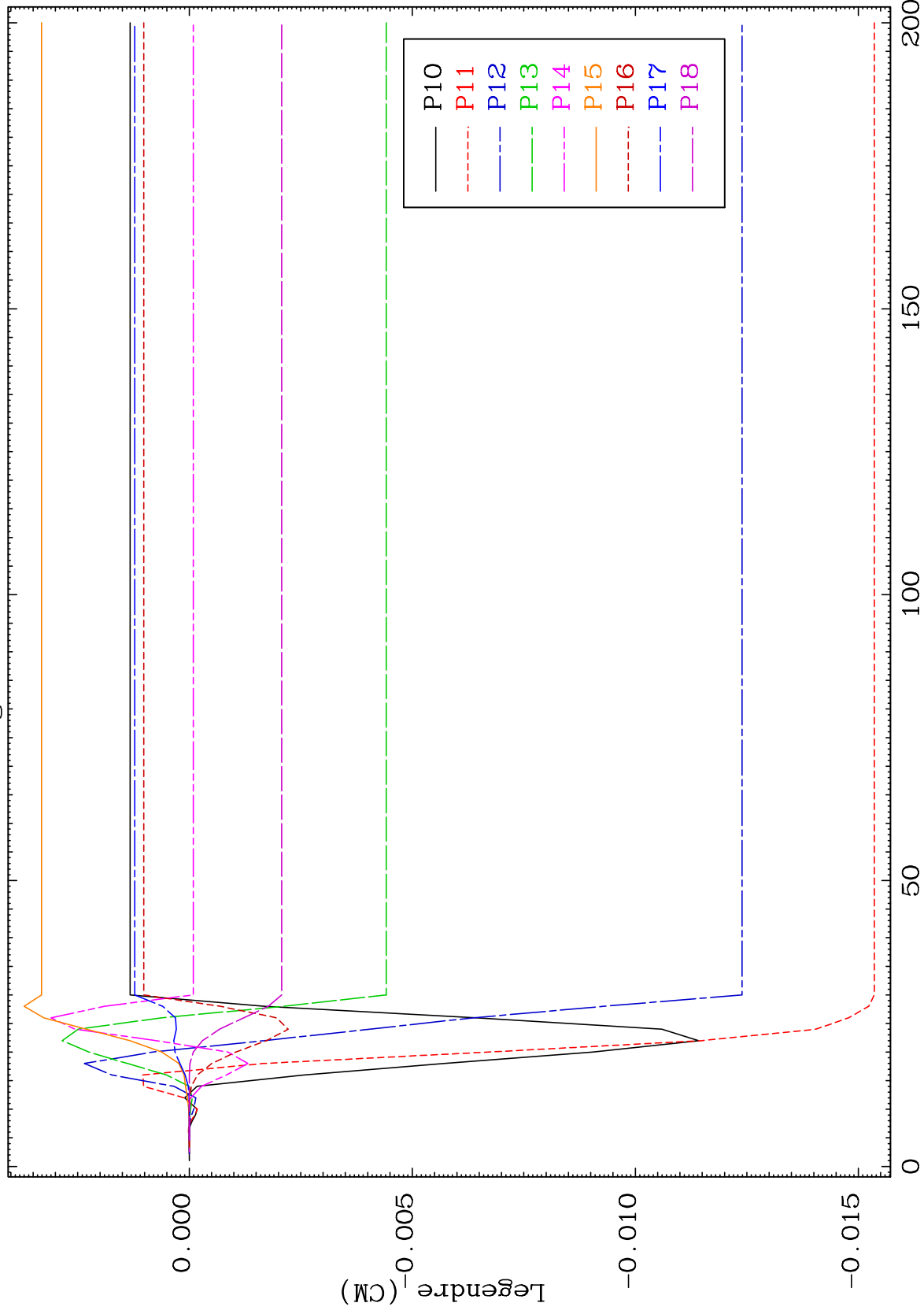
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



82

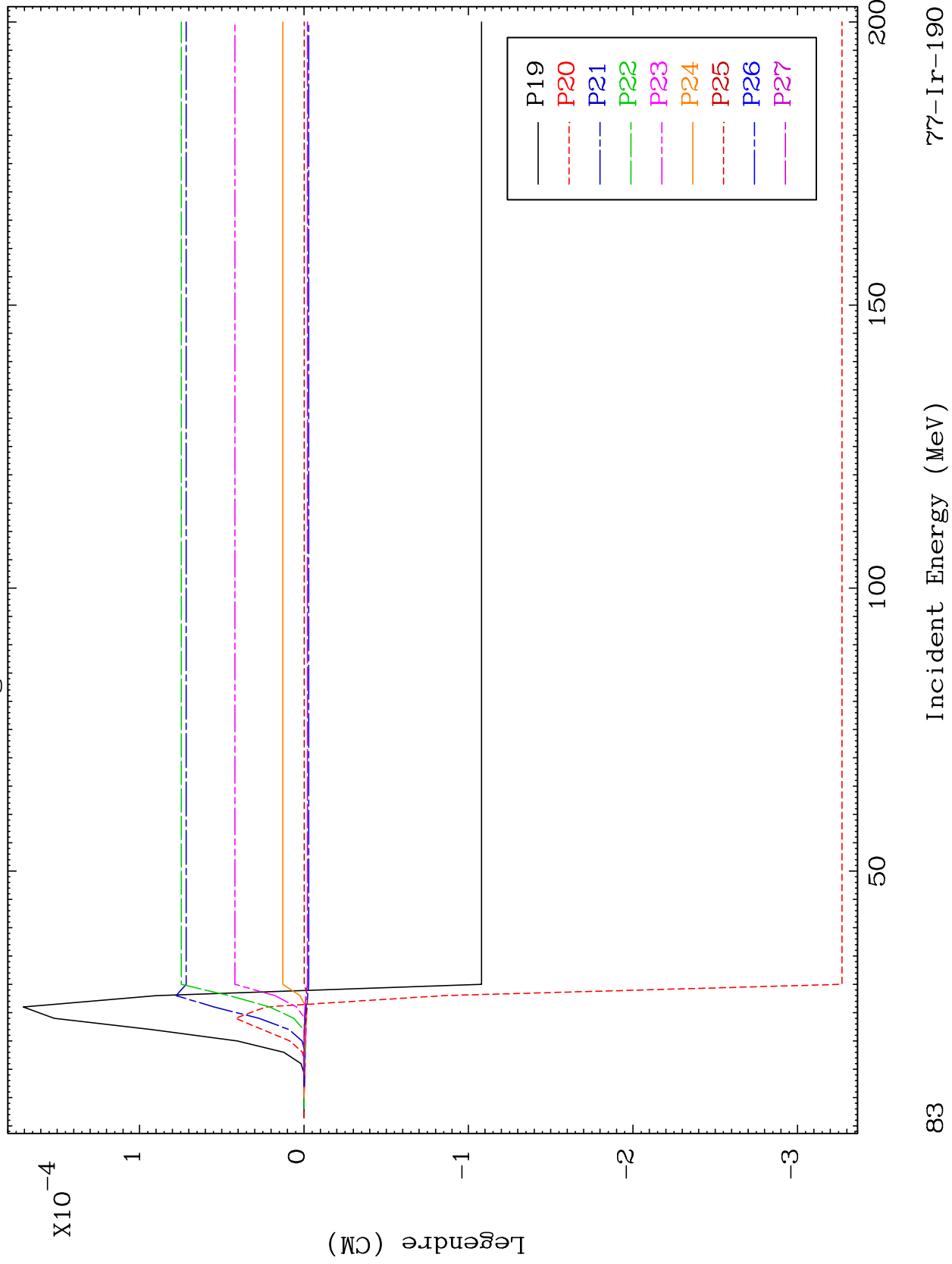
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

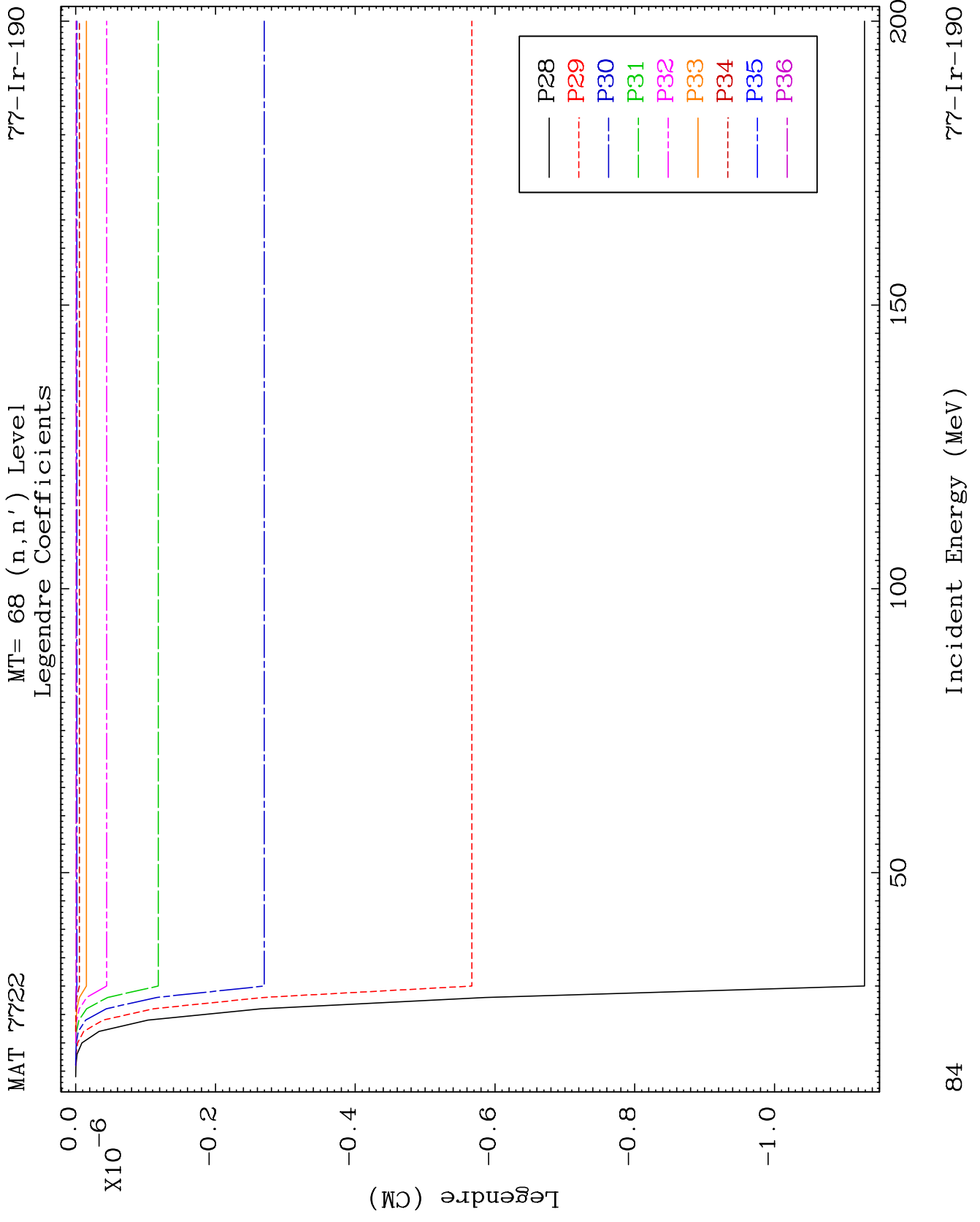
77-Ir-190



83

Incident Energy (MeV)

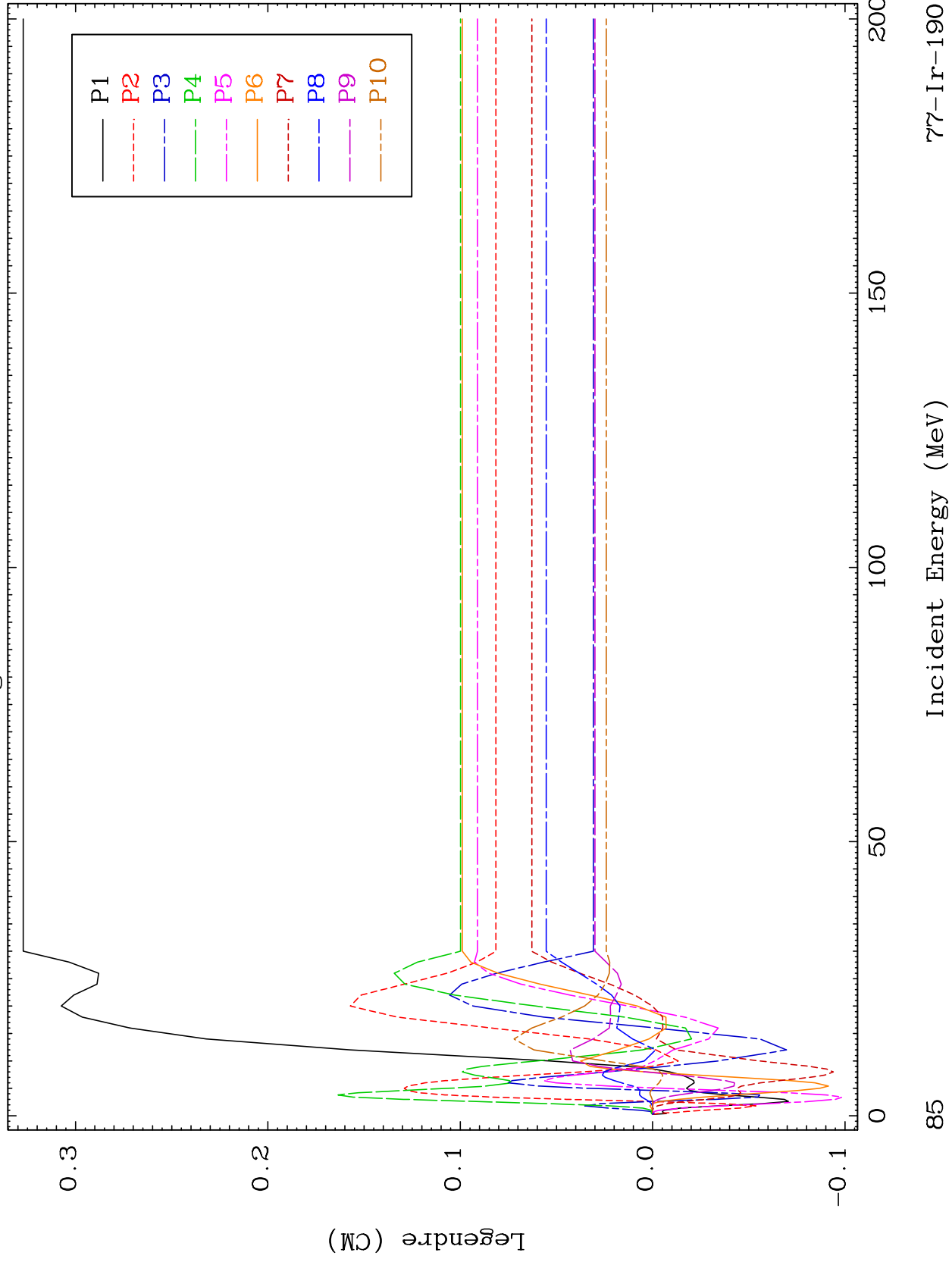
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

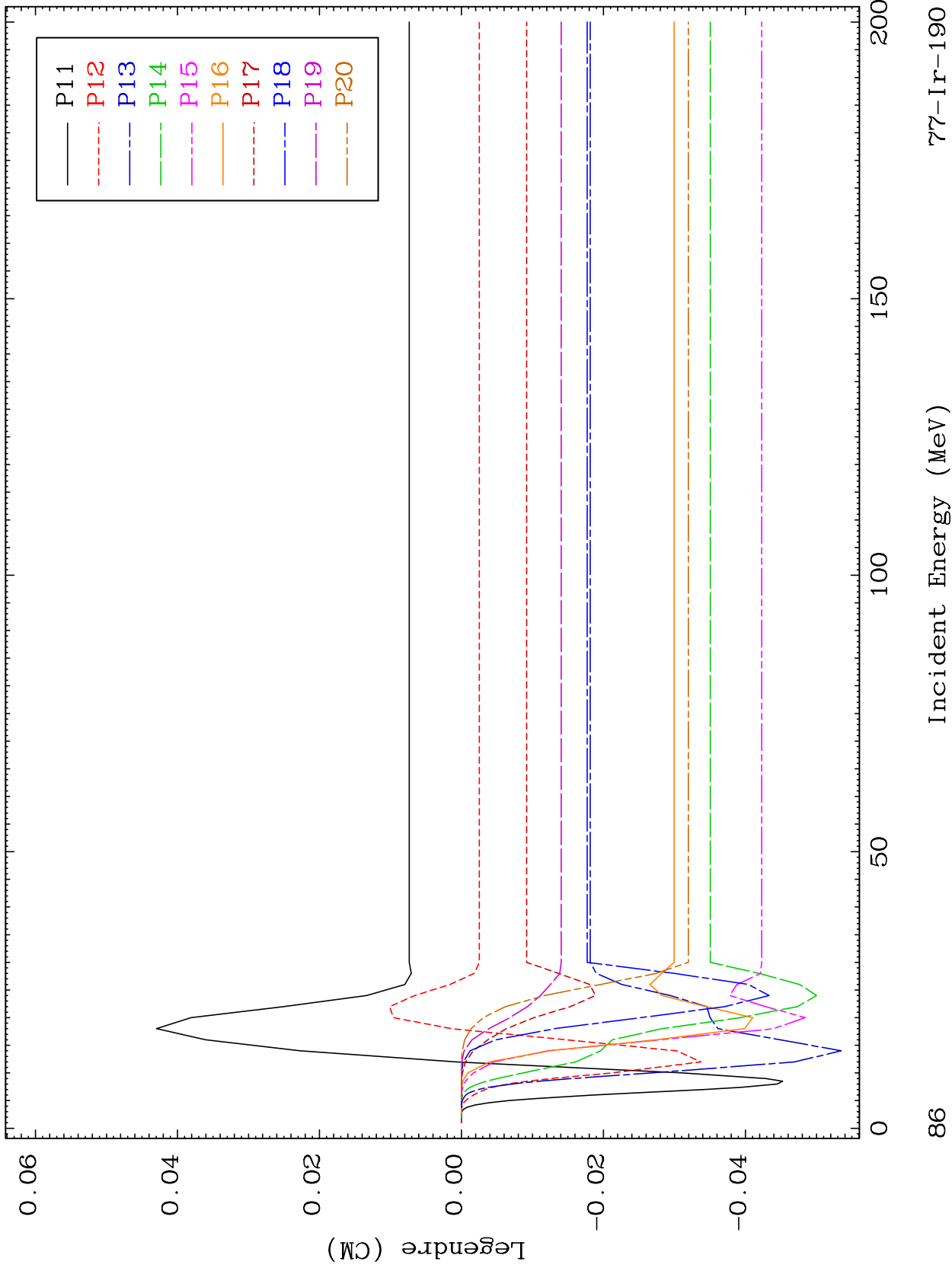
Incident Energy (MeV)

85

MAT 7722

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

77-Ir-190



86

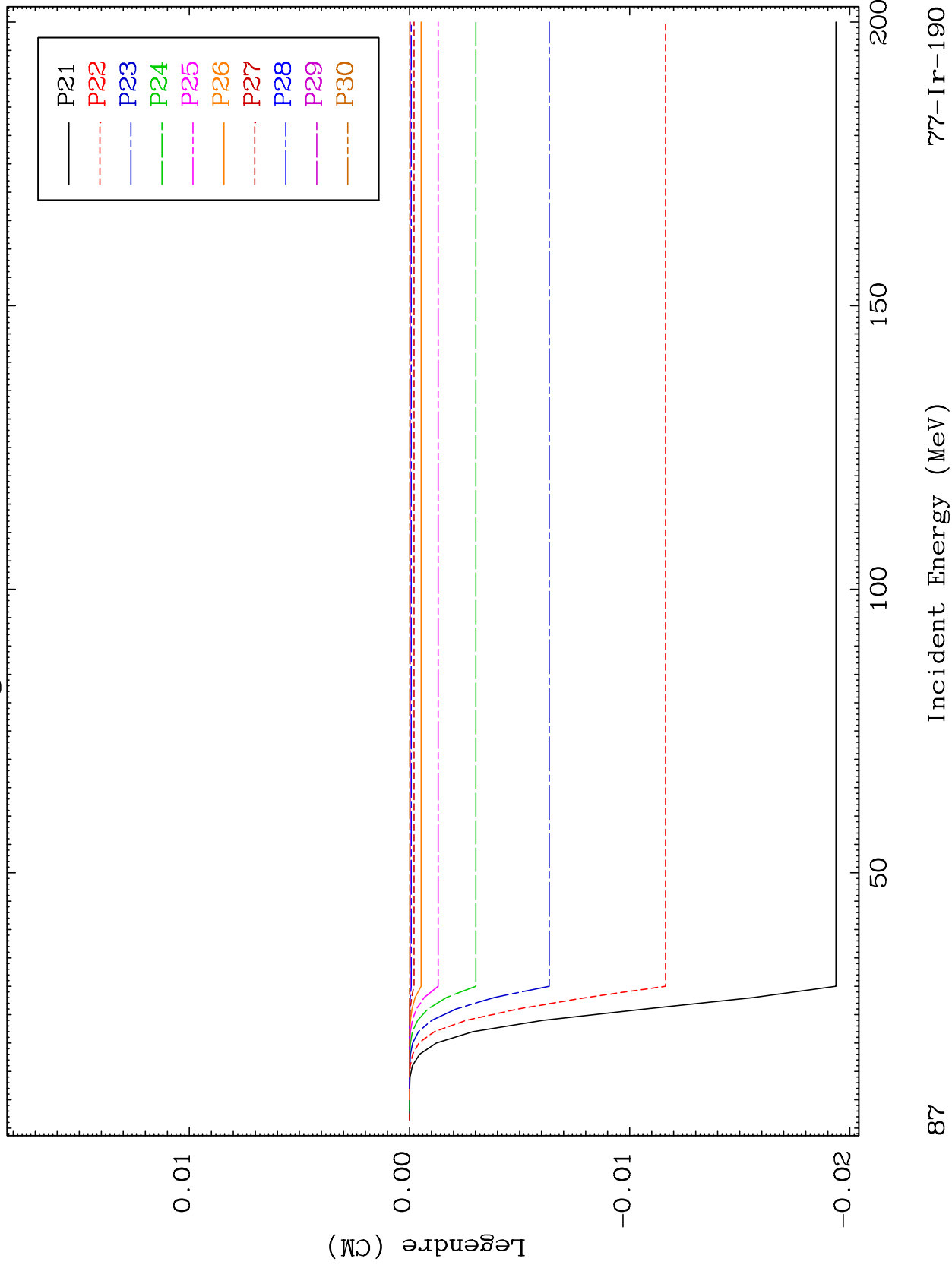
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

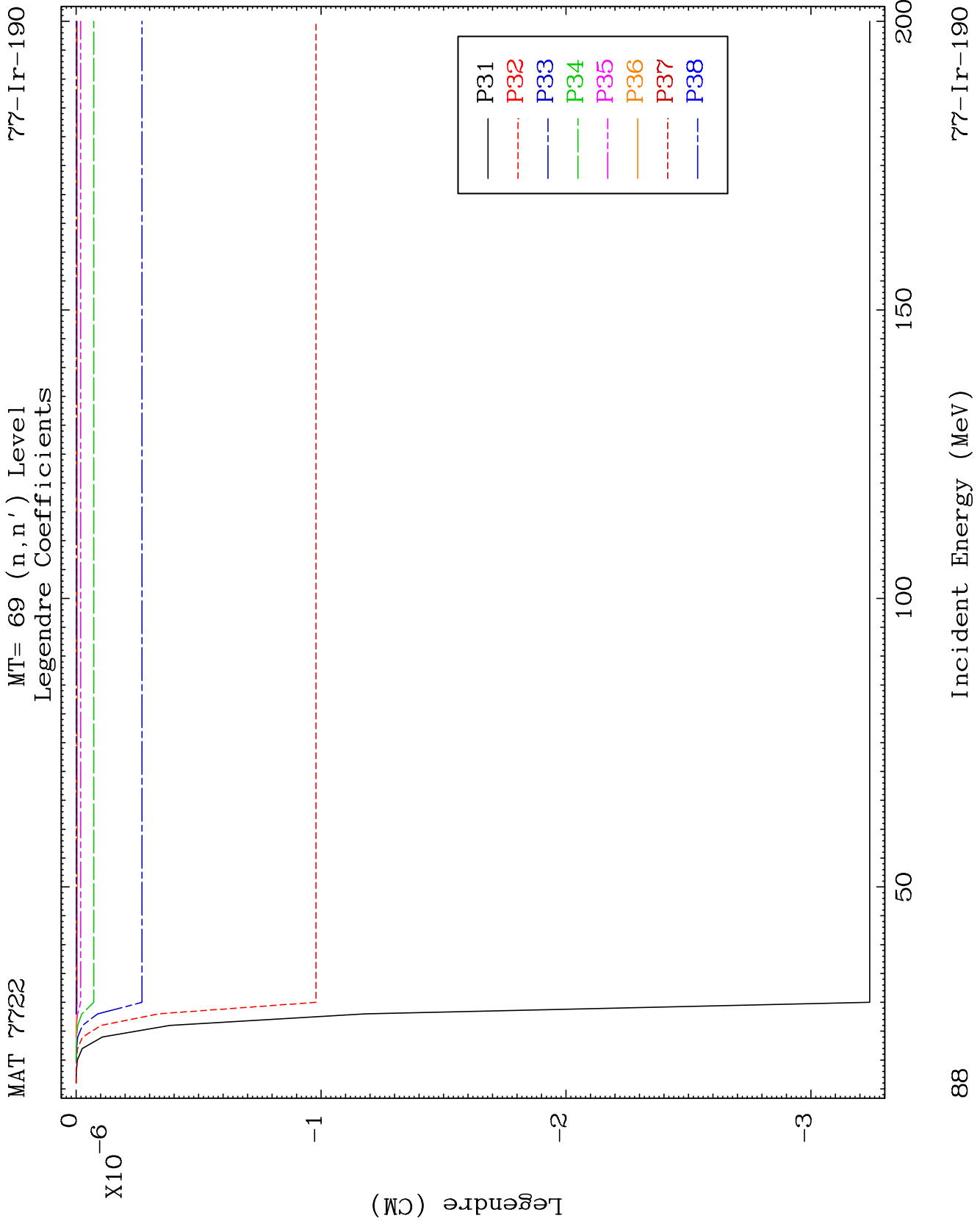


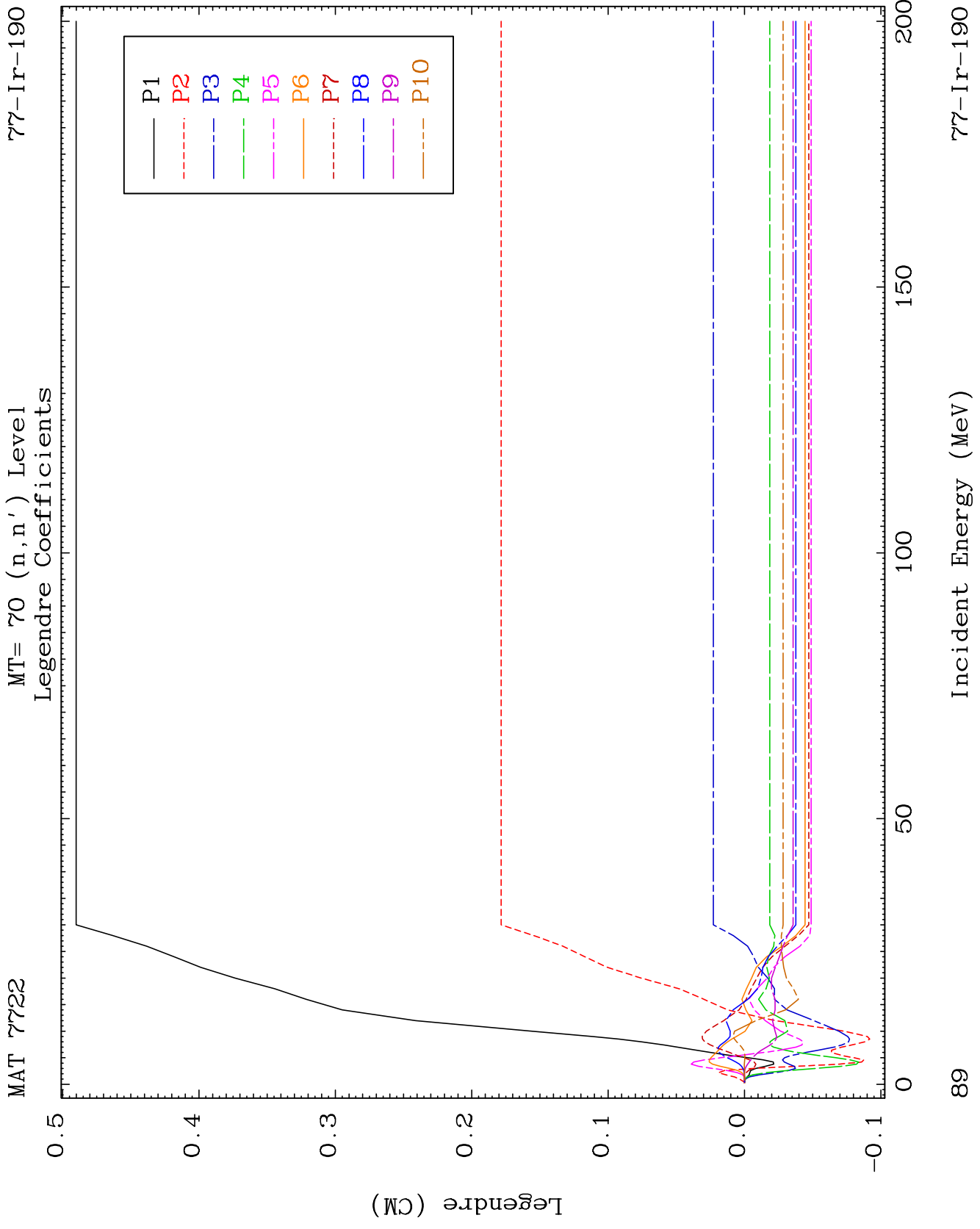
87

Incident Energy (MeV)

77-Ir-190



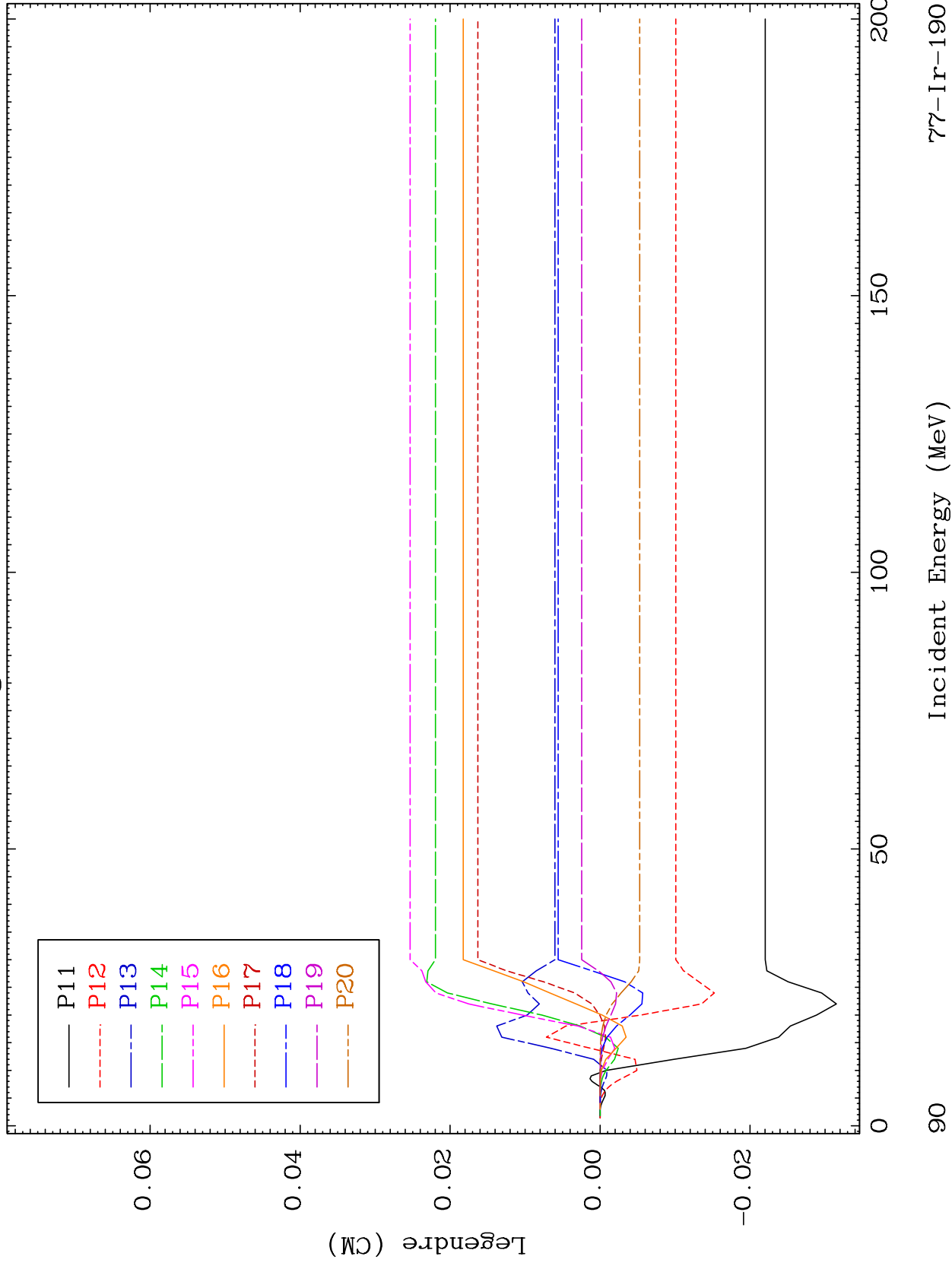




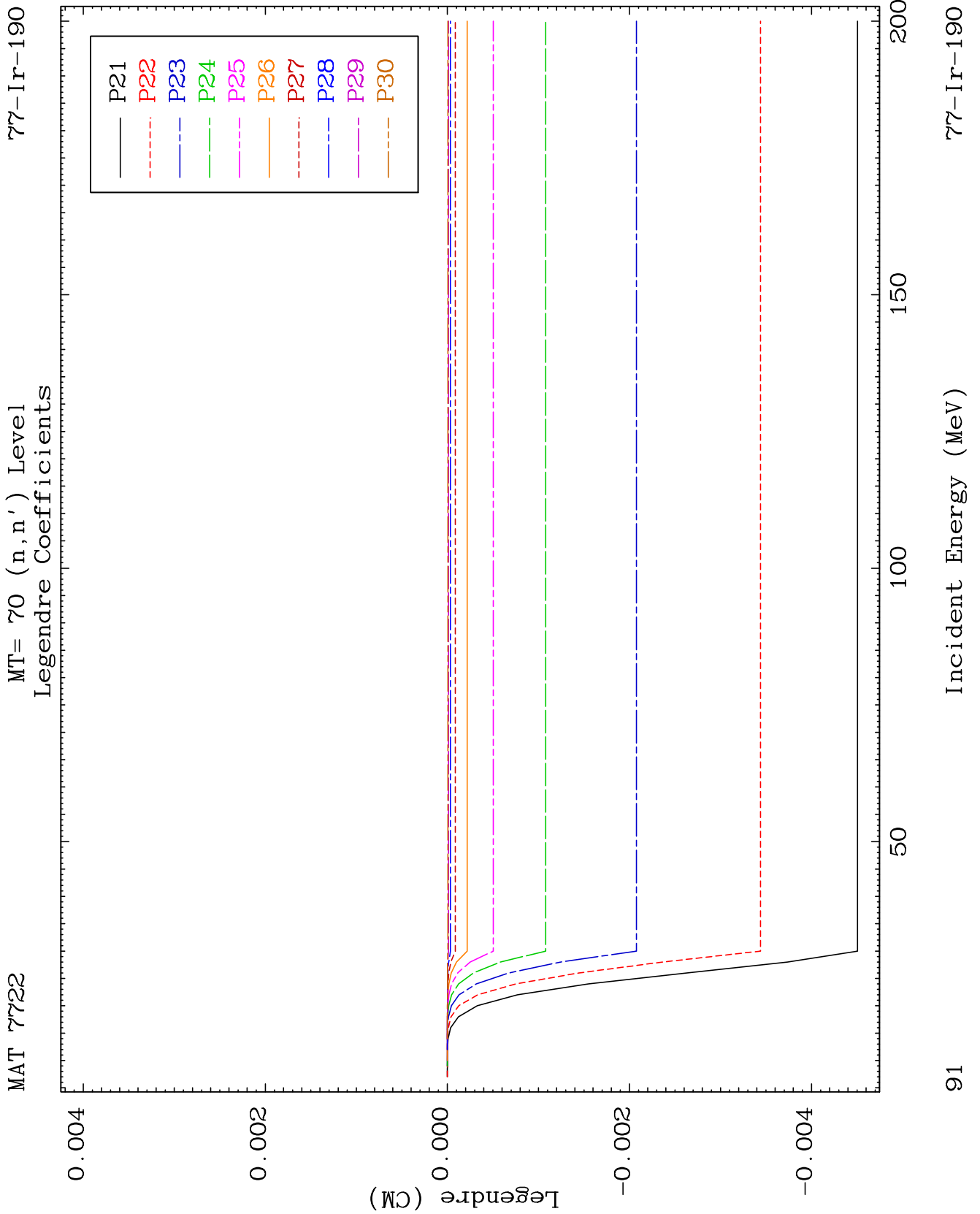
MAT 7722

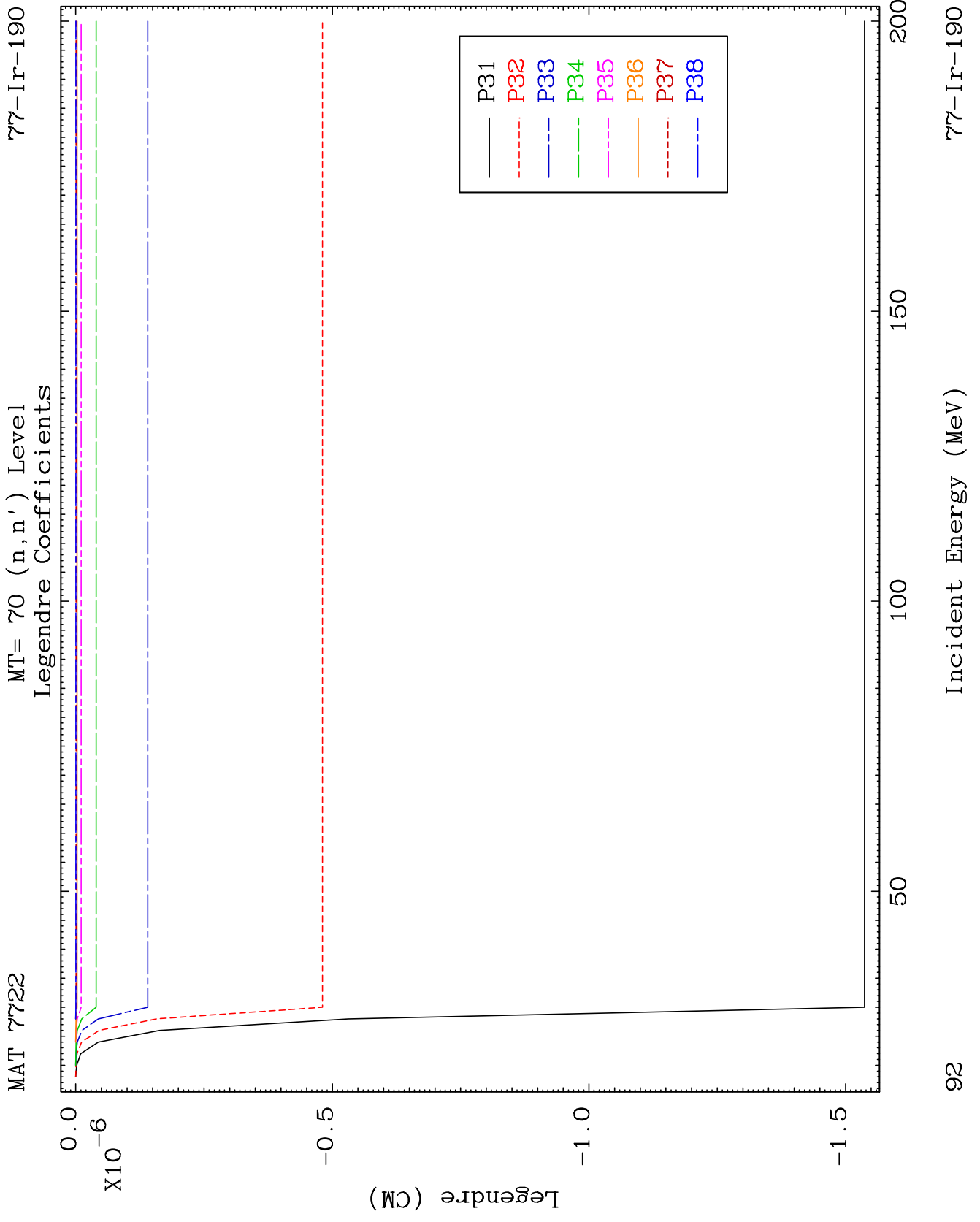
MT= 70 (n,n') Level  
Legendre Coefficients

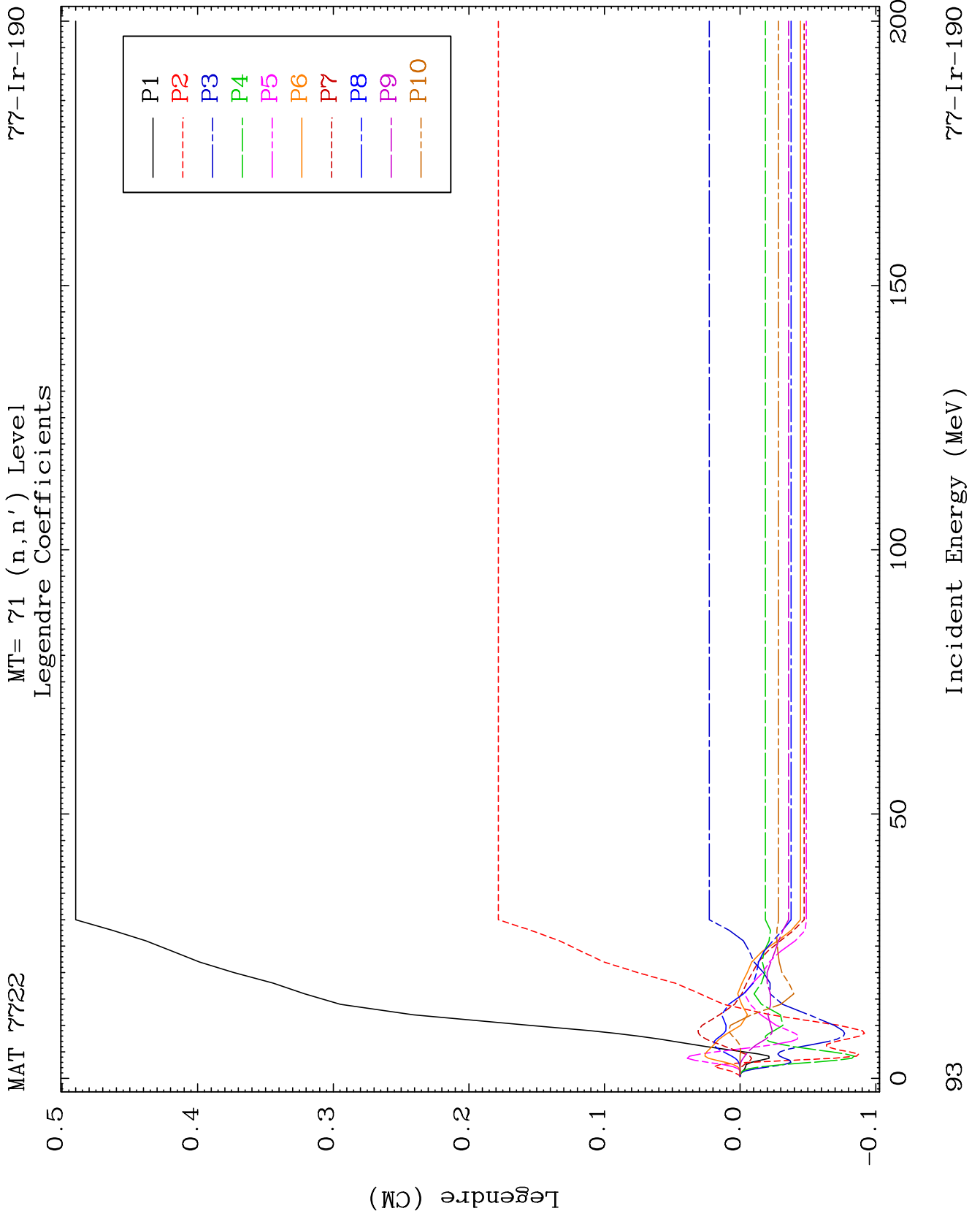
77-Ir-190



77-Ir-190



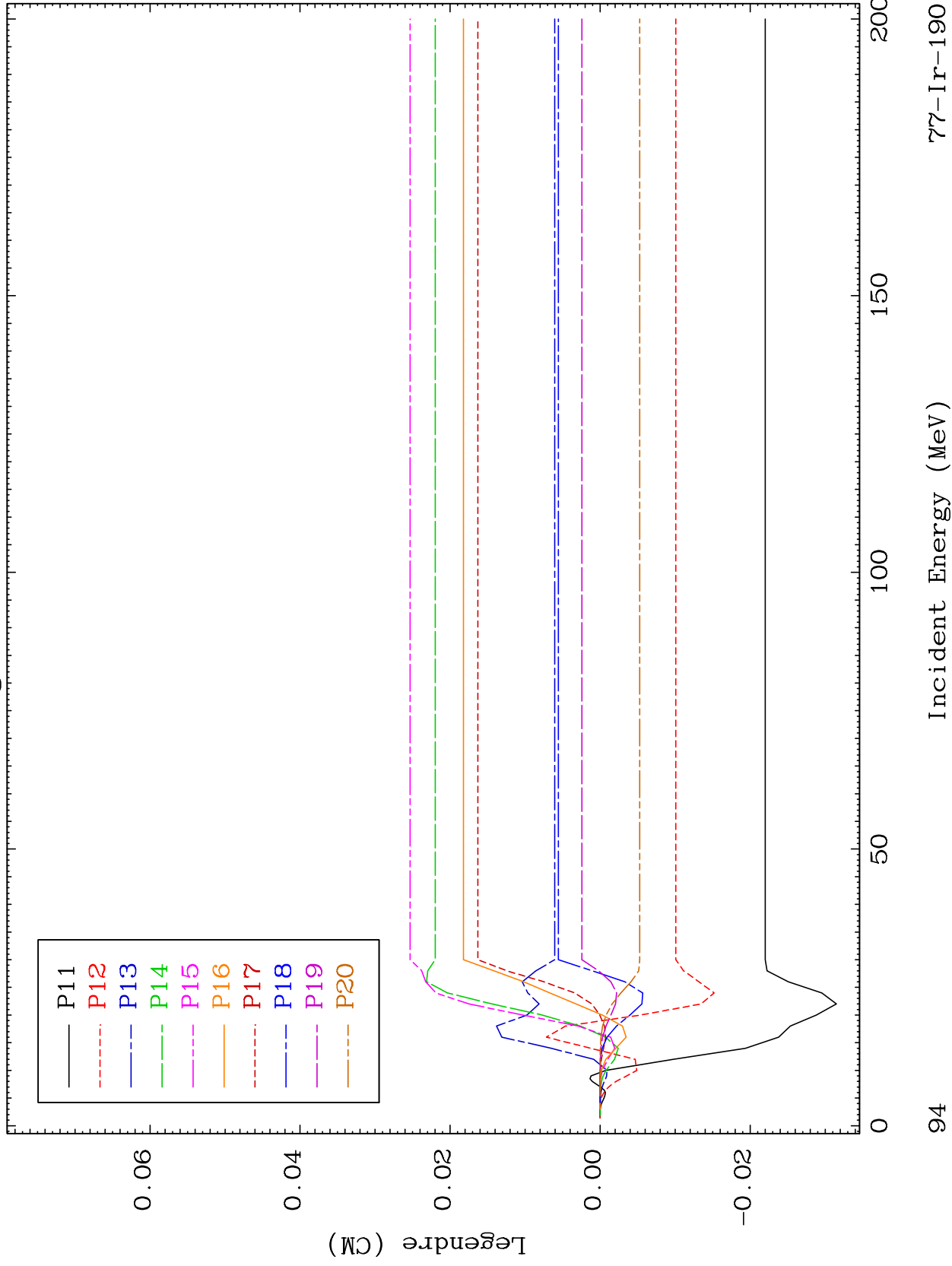




MAT 7722

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

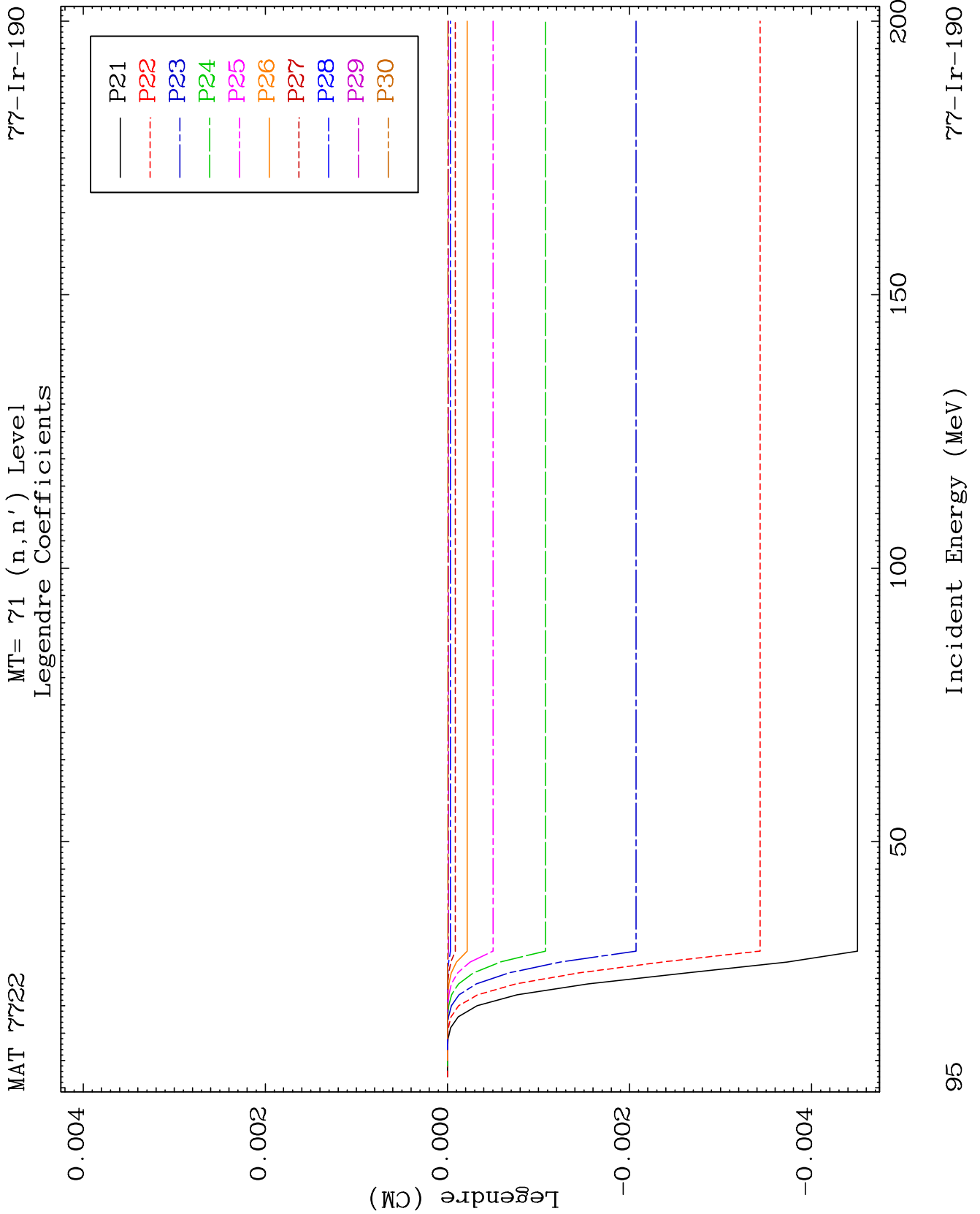
77-Ir-190



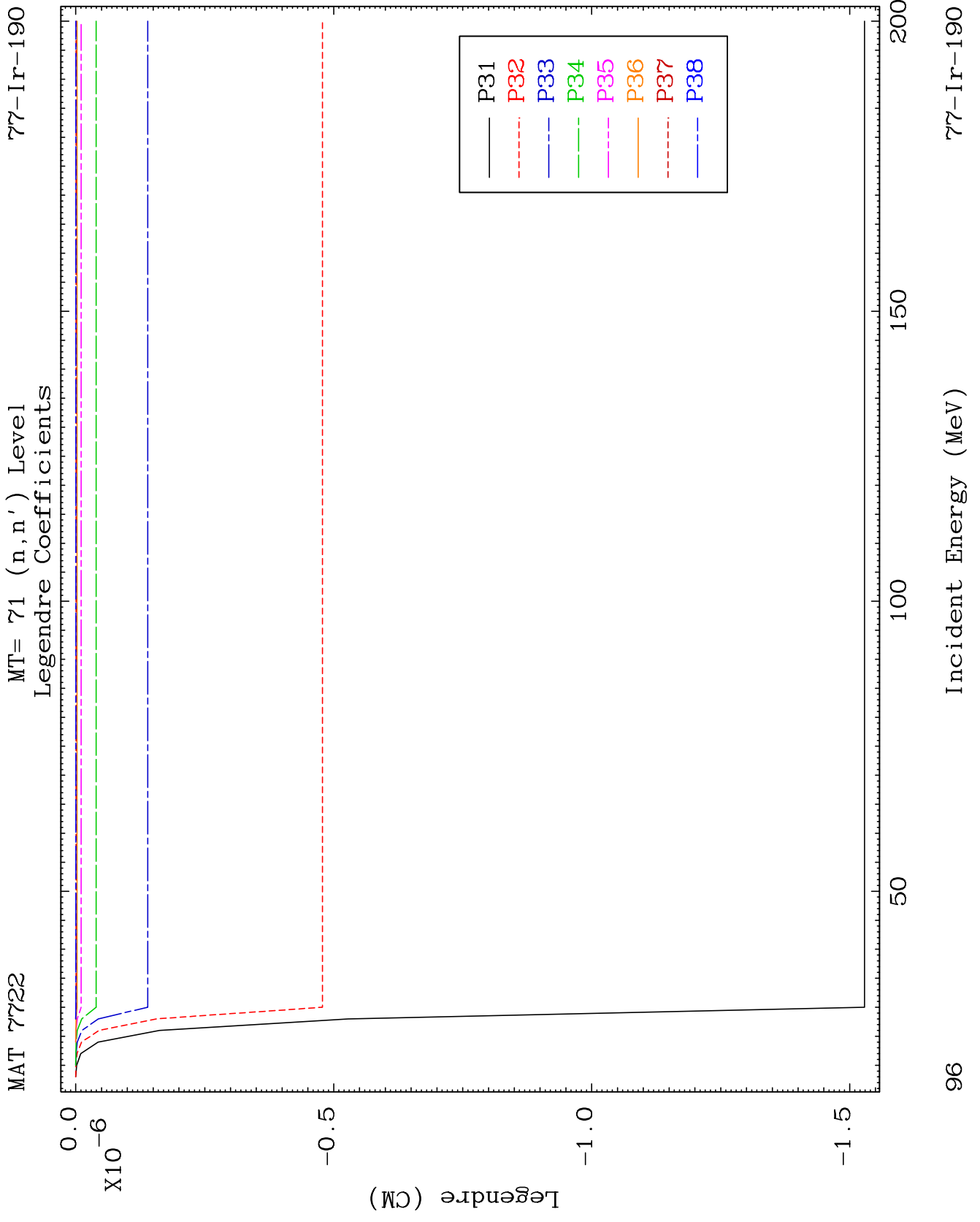
94

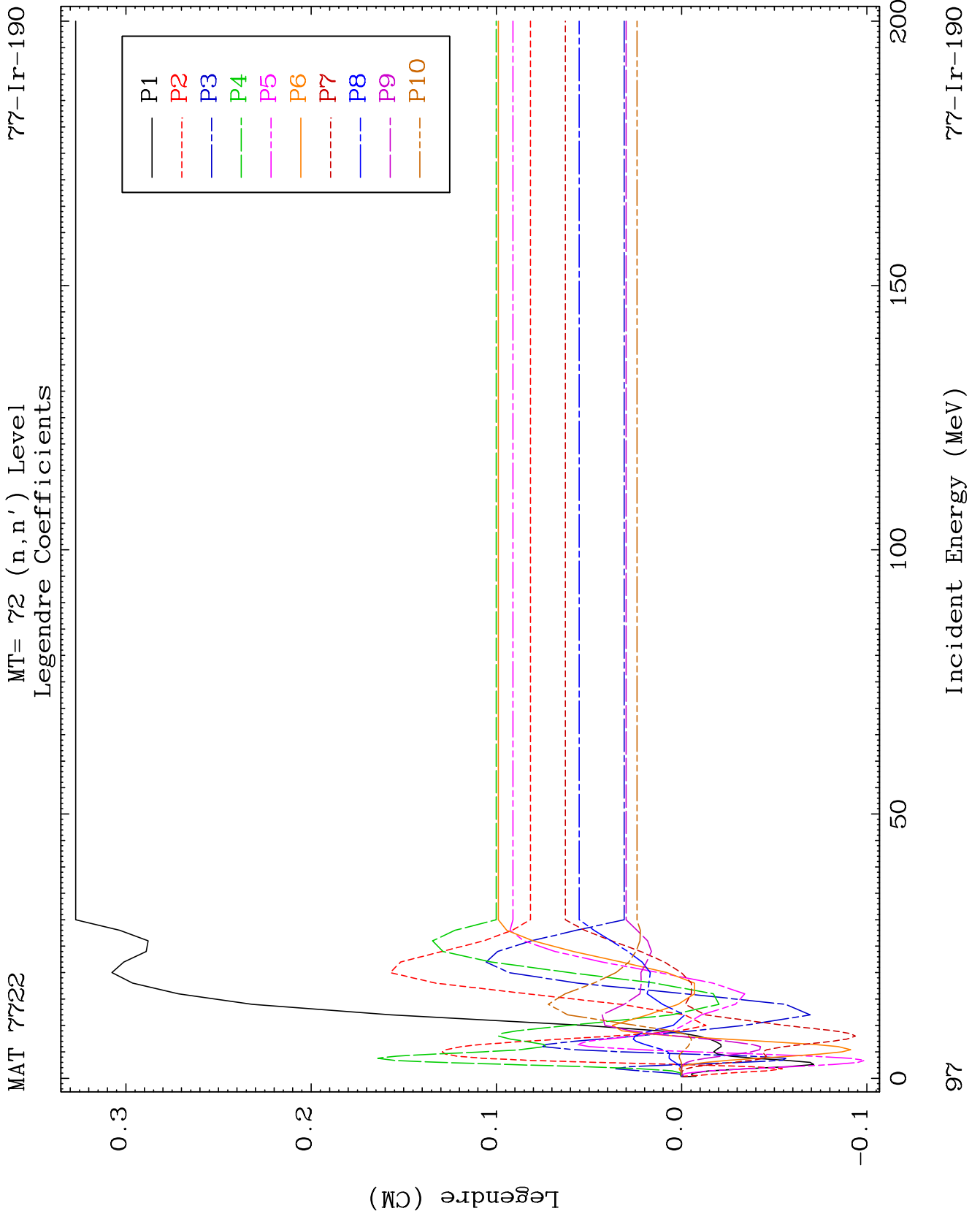
Incident Energy (MeV)

77-Ir-190





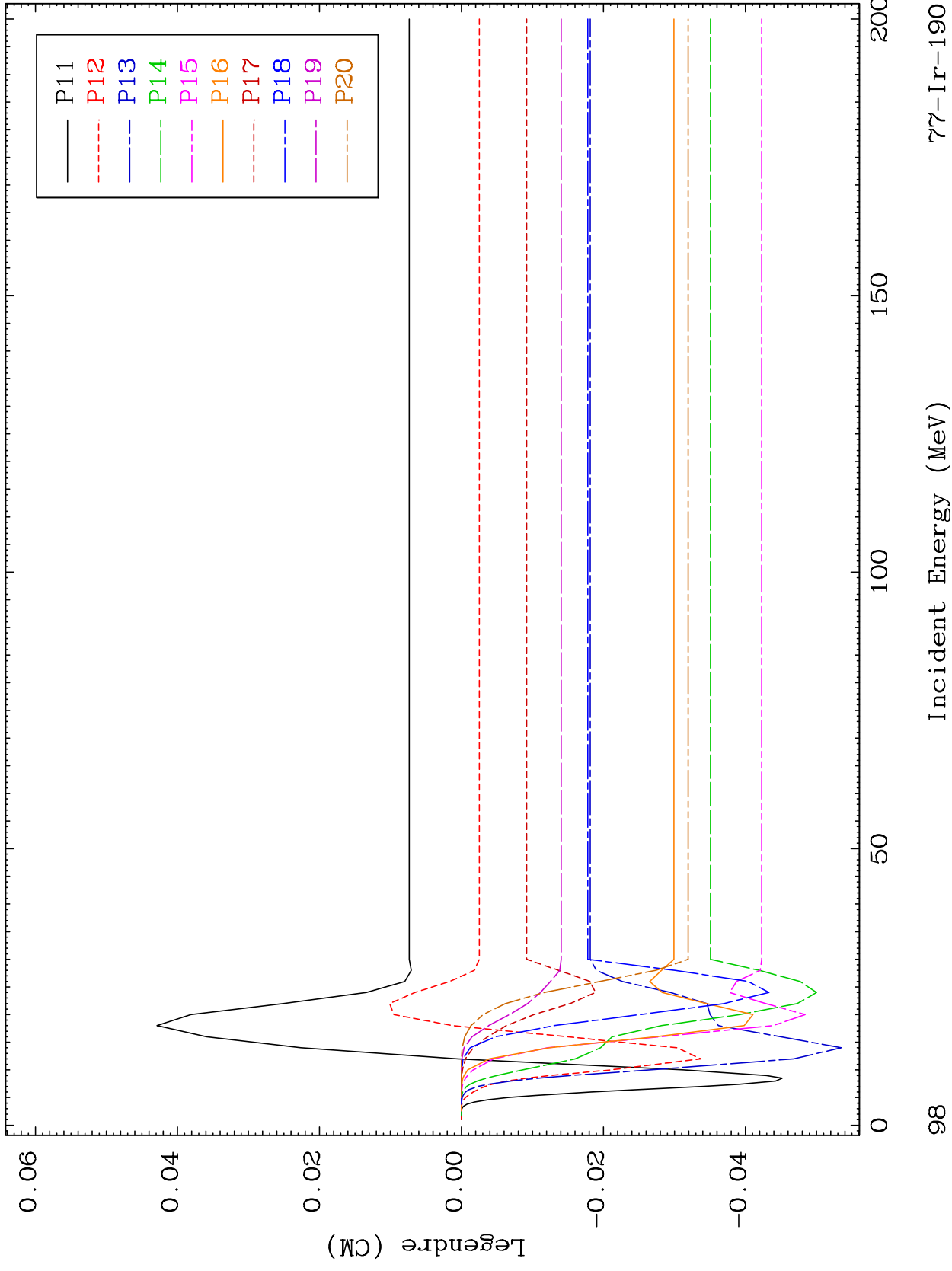




MAT 7722

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

77-Ir-190



77-Ir-190

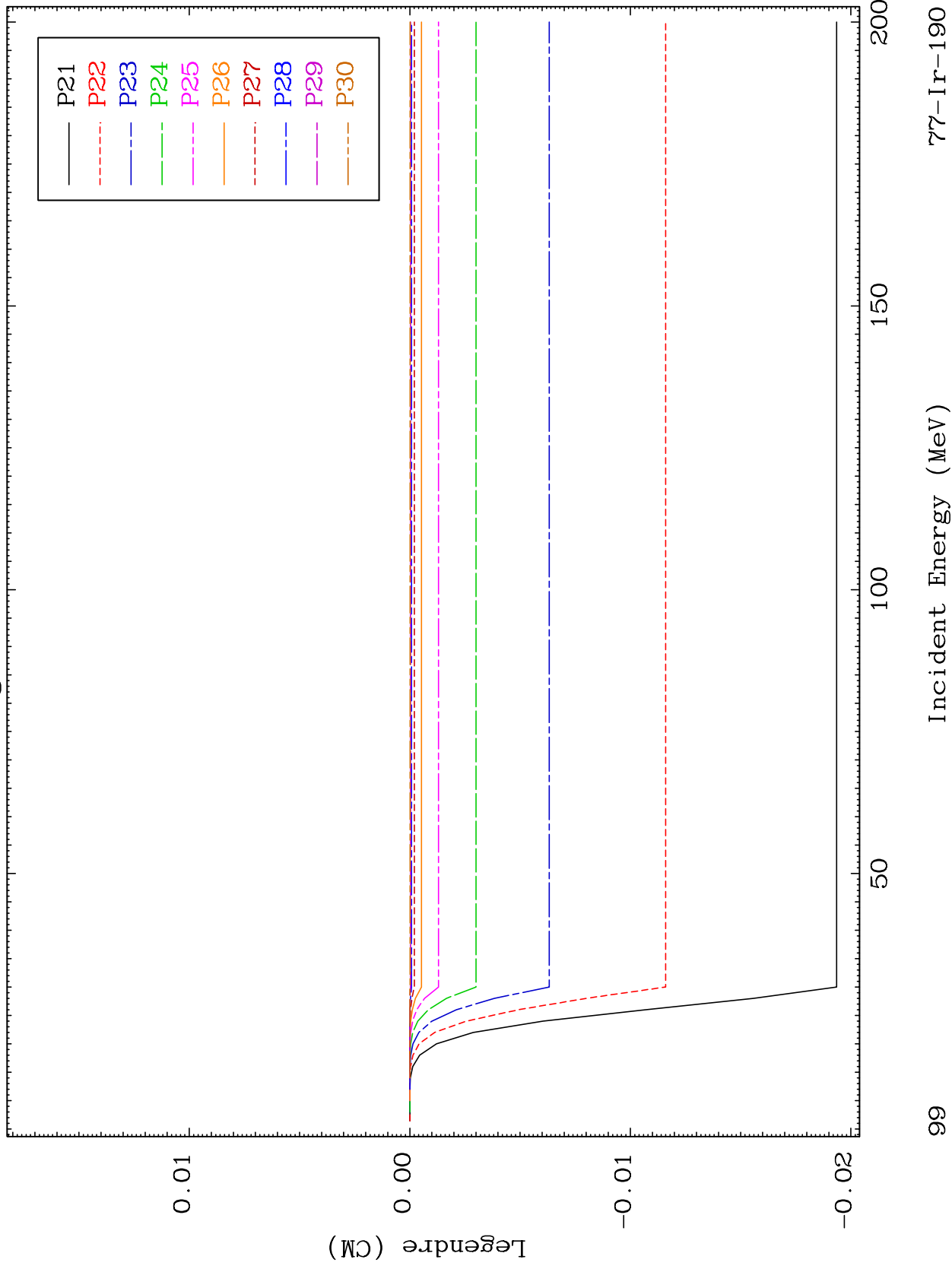
Incident Energy (MeV)

98

MAT 7722

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

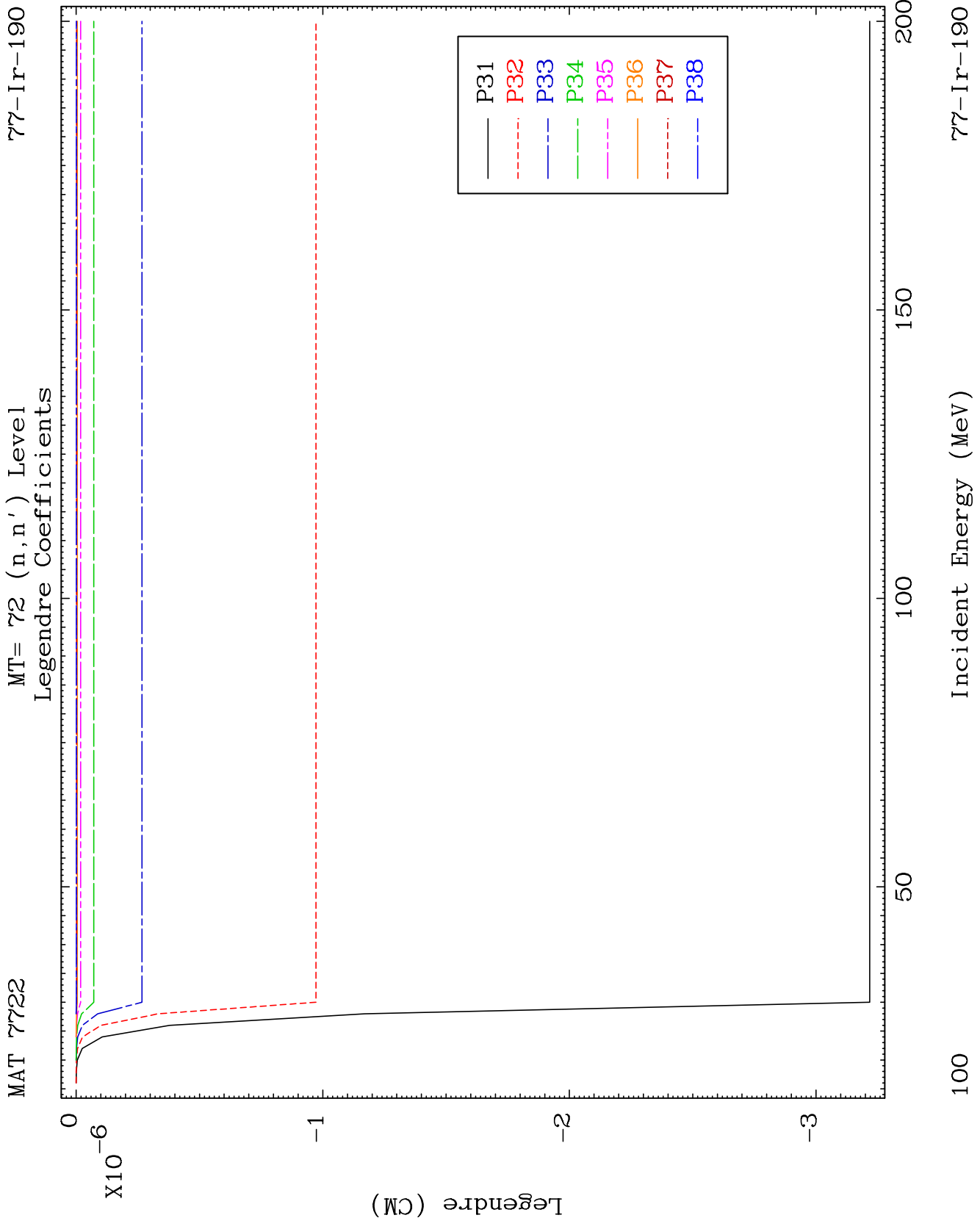
77-Ir-190



99

Incident Energy (MeV)

77-Ir-190

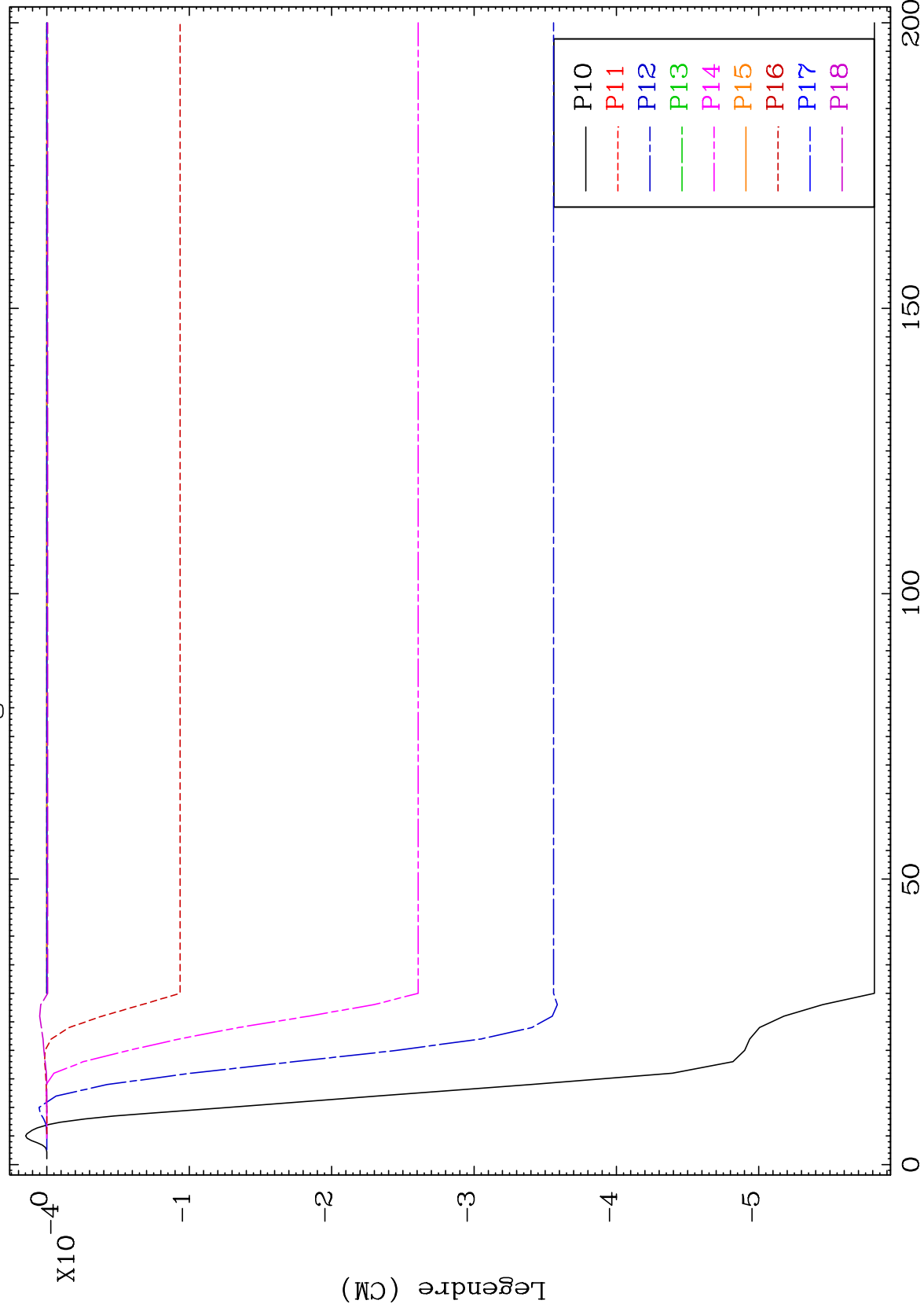




MAT 7722

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

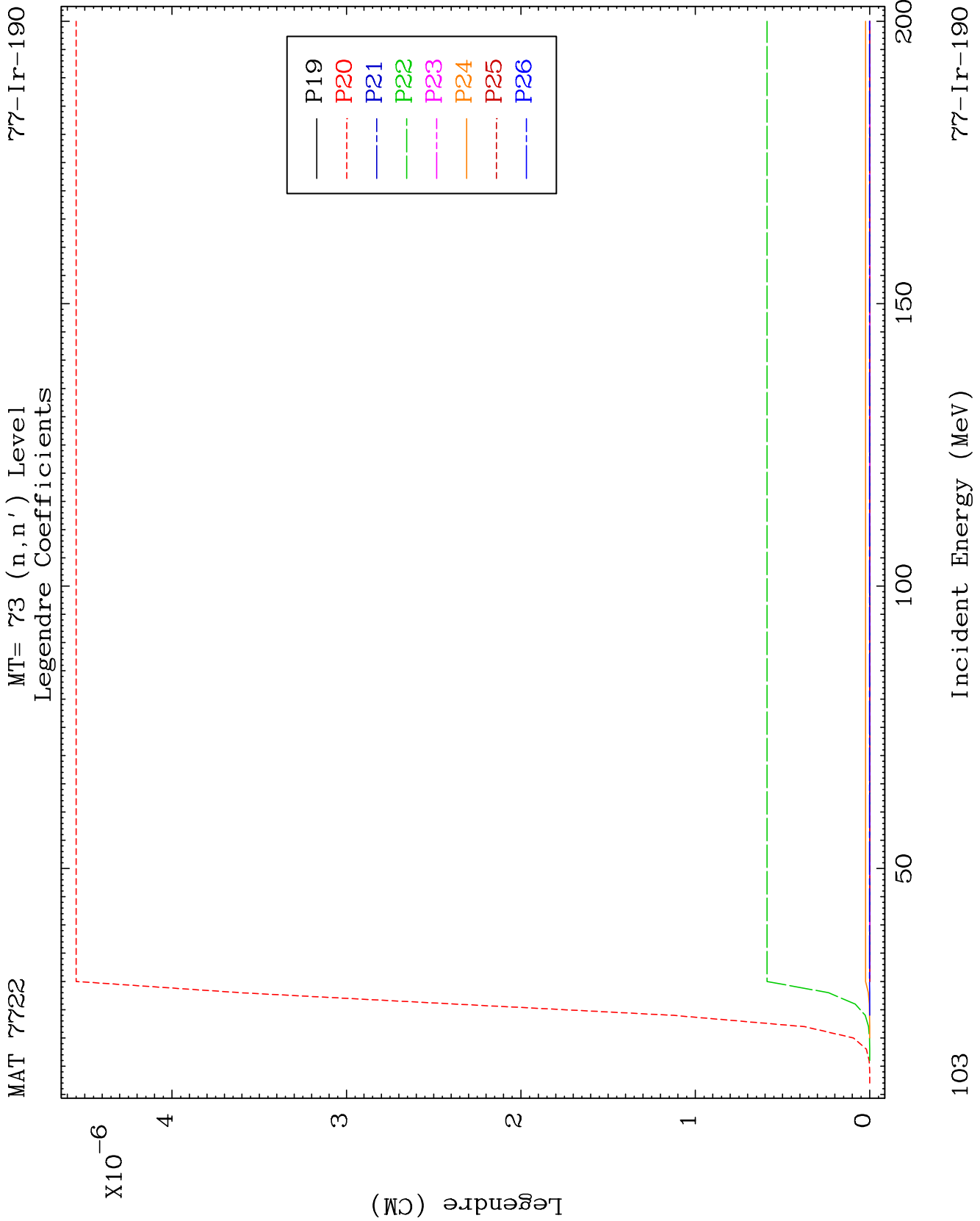
77-Ir-190



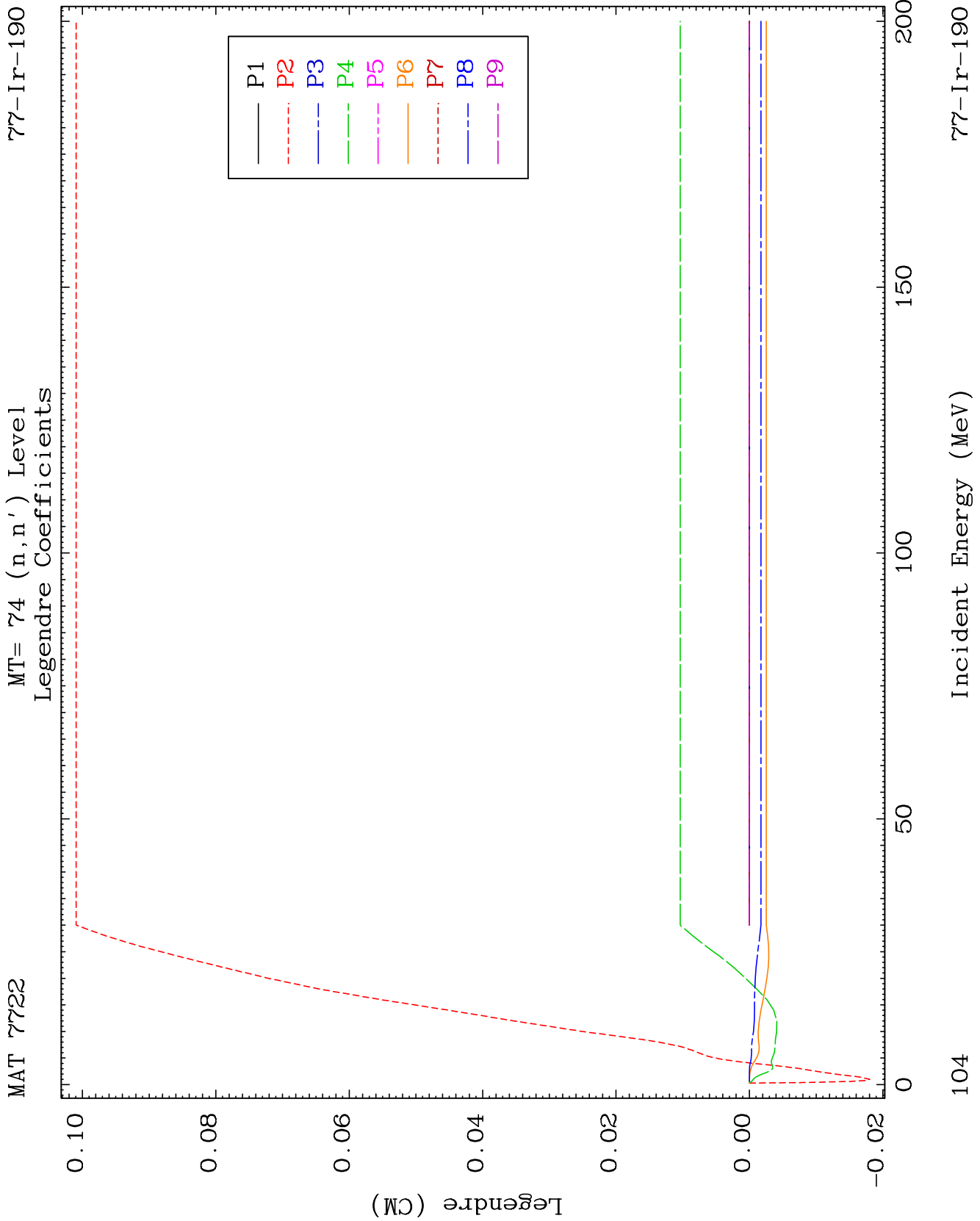
102

Incident Energy (MeV)

77-Ir-190



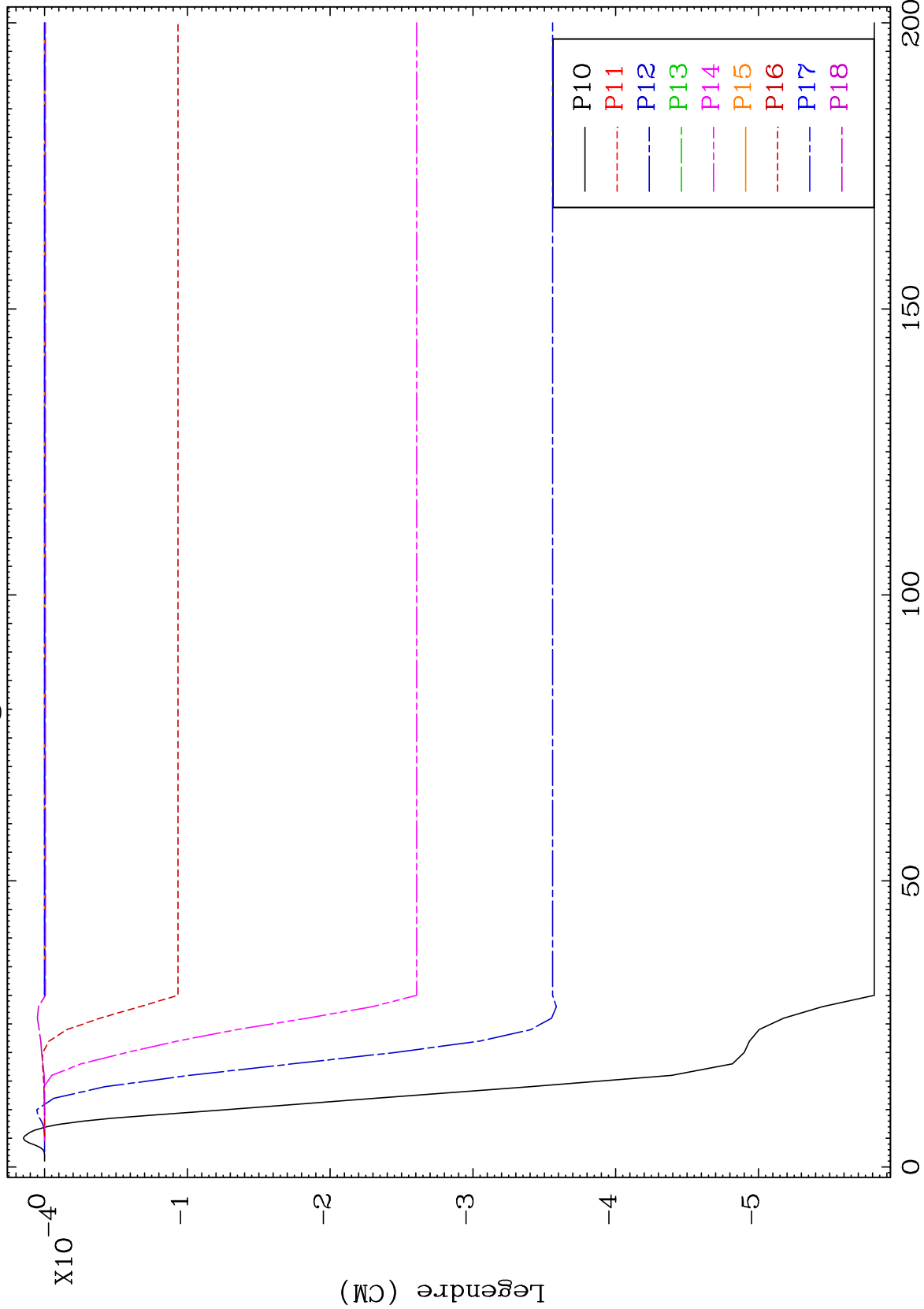




MAT 7722

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

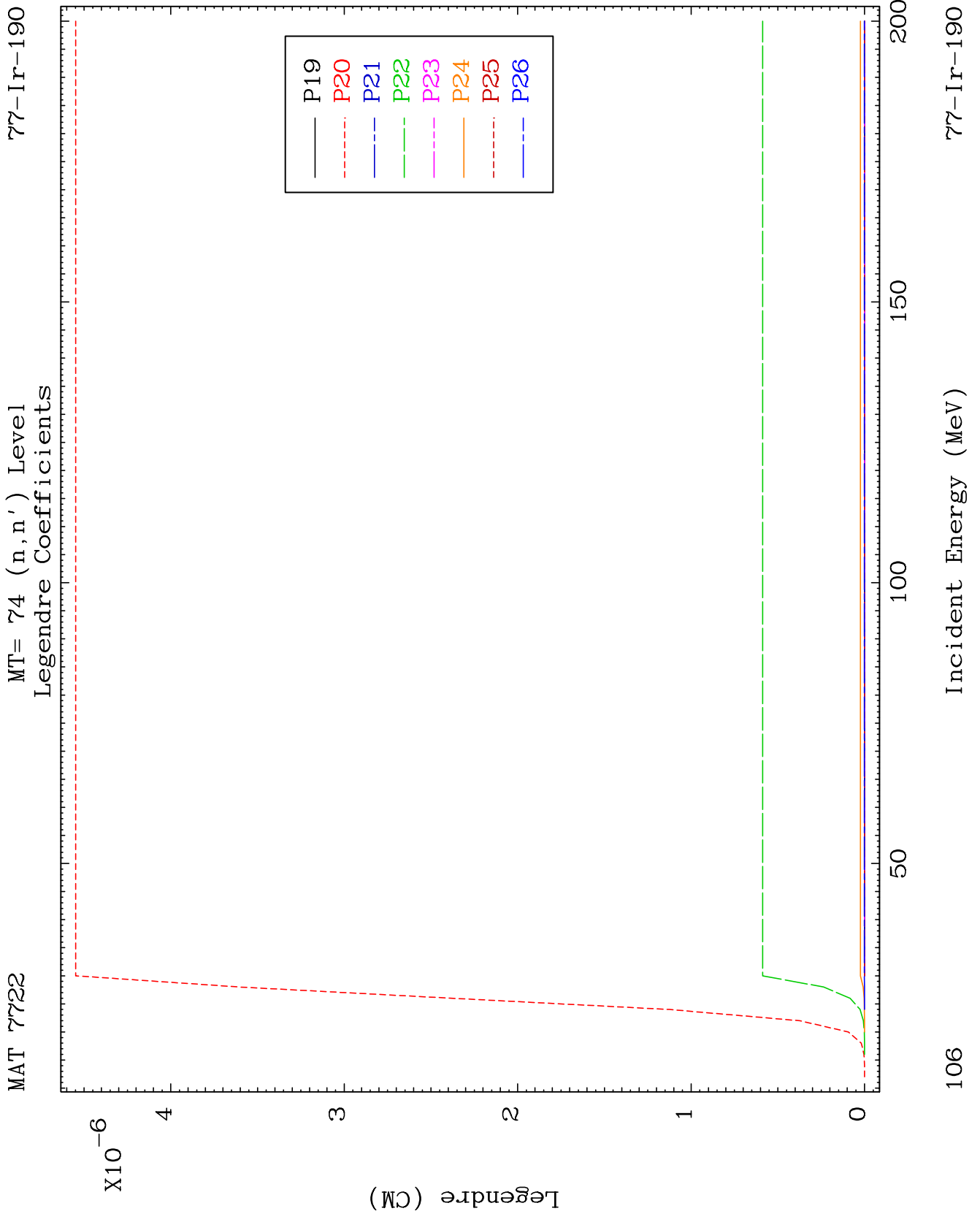
77-Ir-190



105

Incident Energy (MeV)

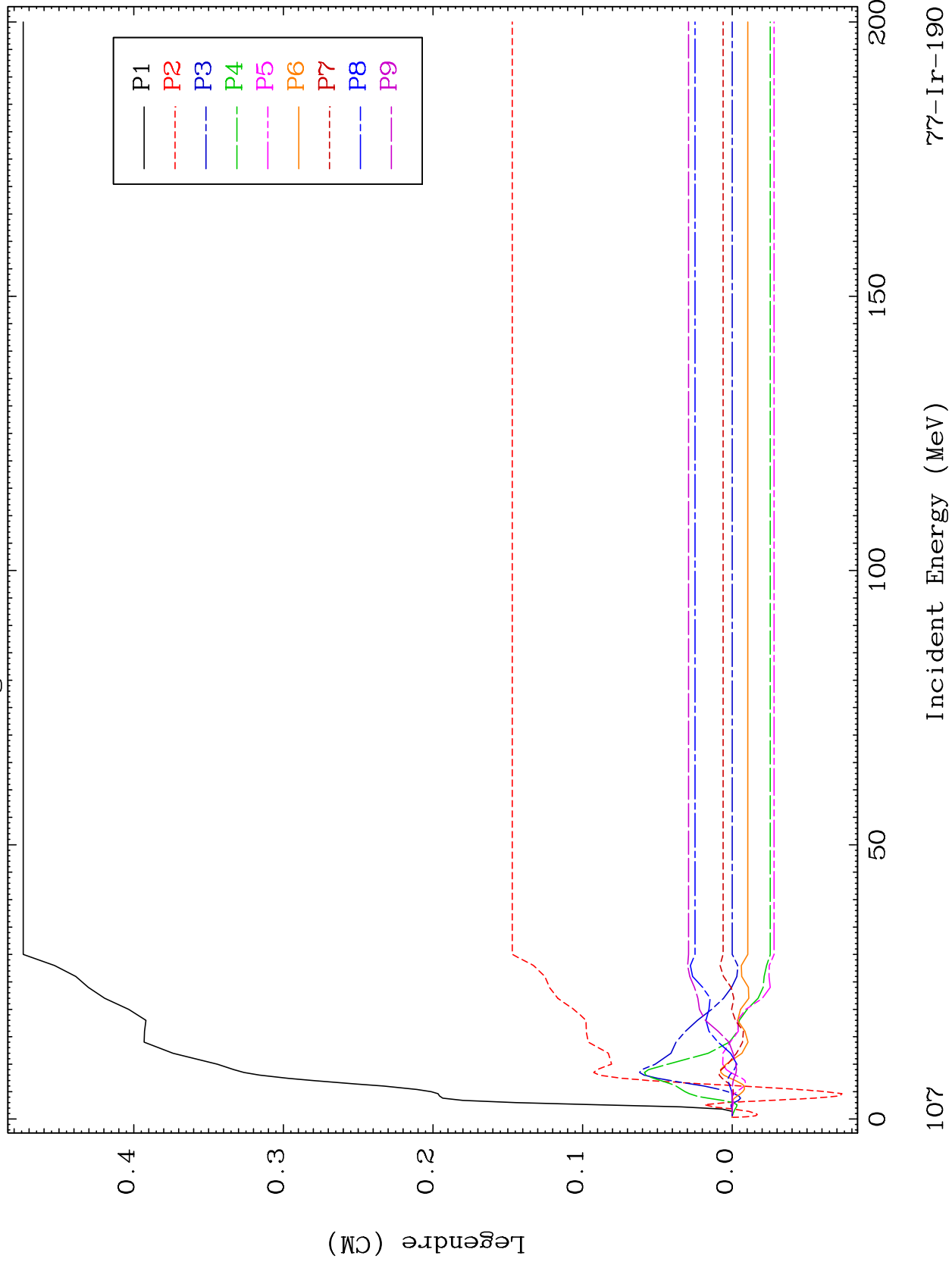
77-Ir-190



MAT 7722

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

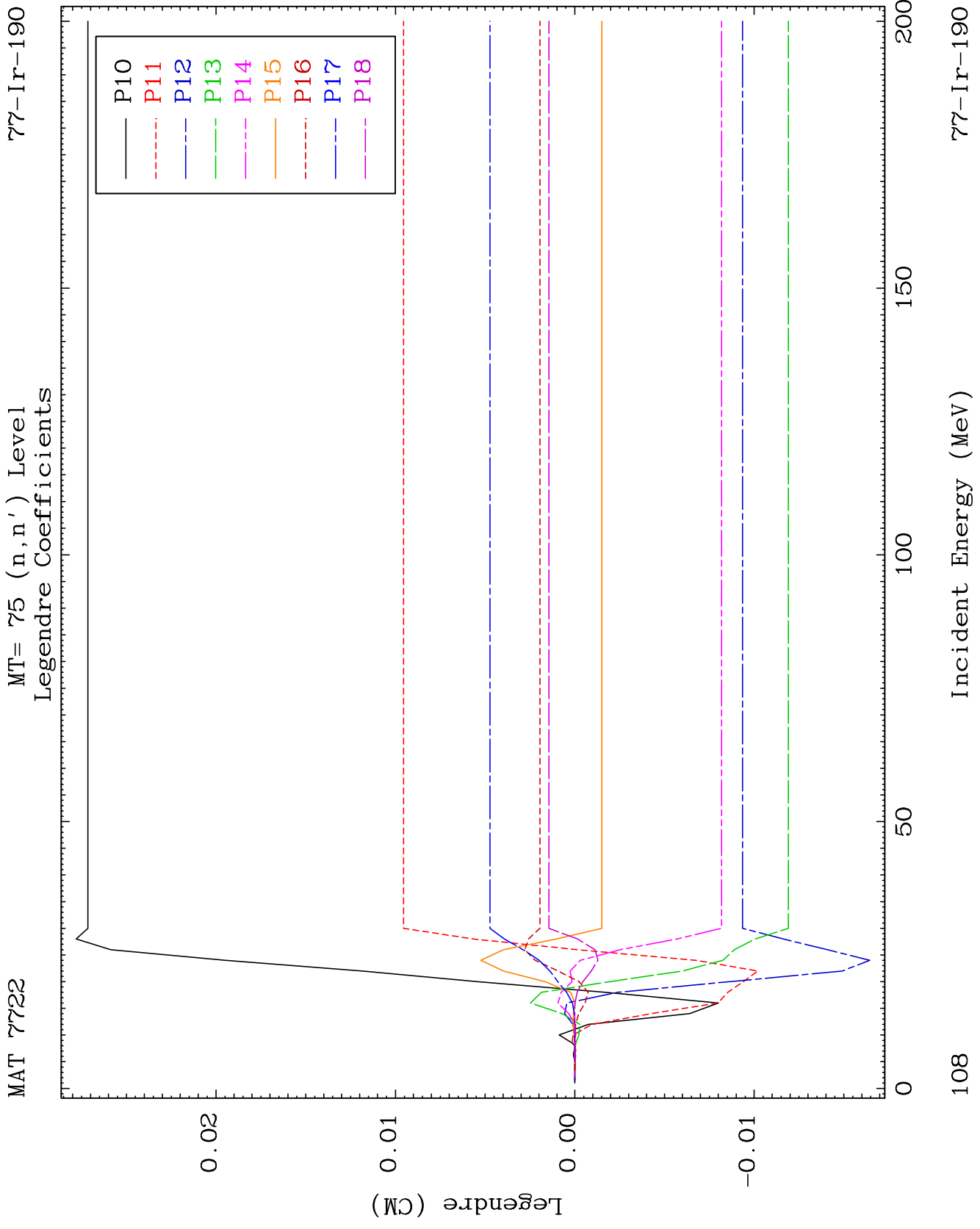
77-Ir-190



77-Ir-190

Incident Energy (MeV)

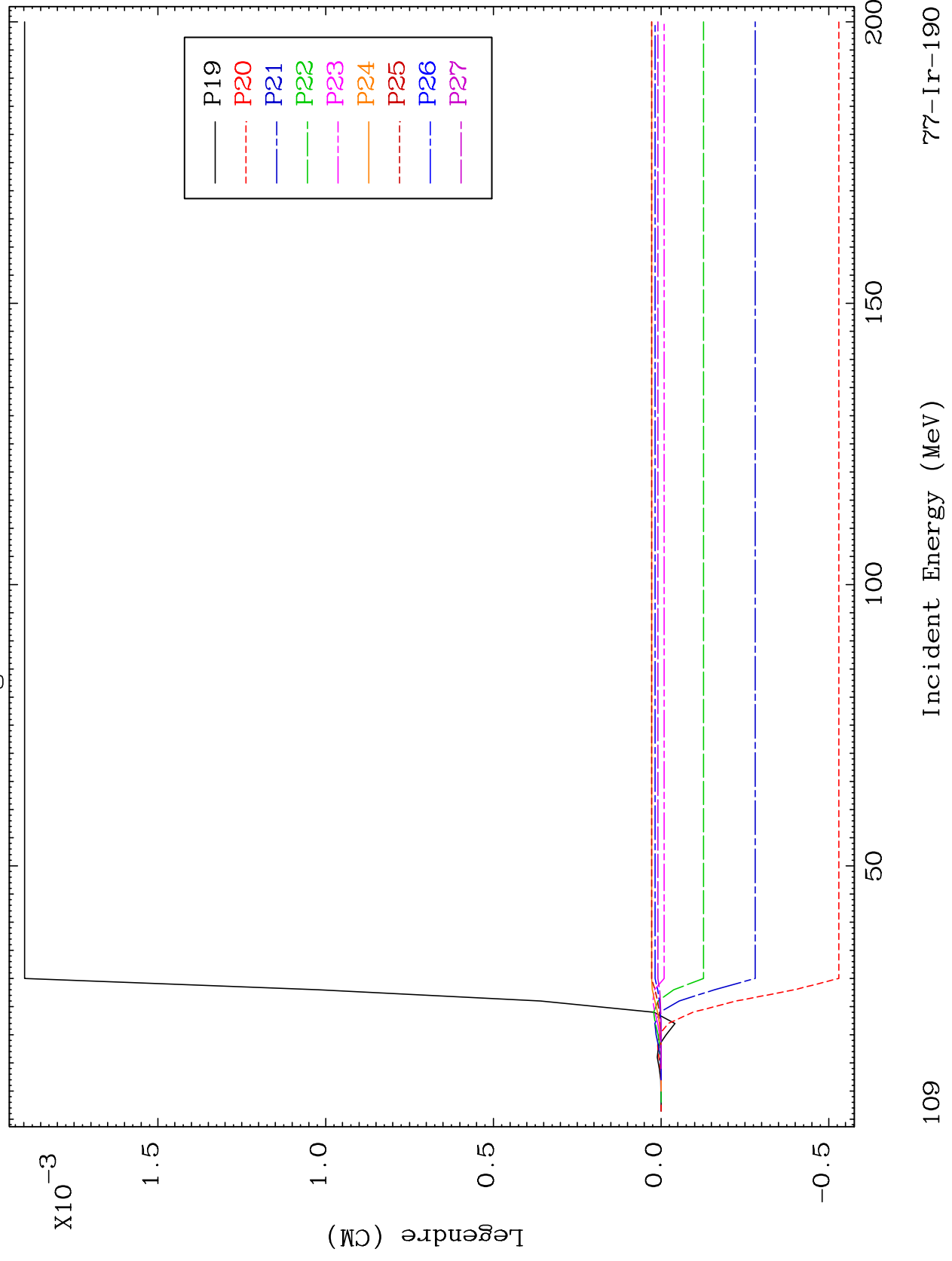
107



MAT 7722

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

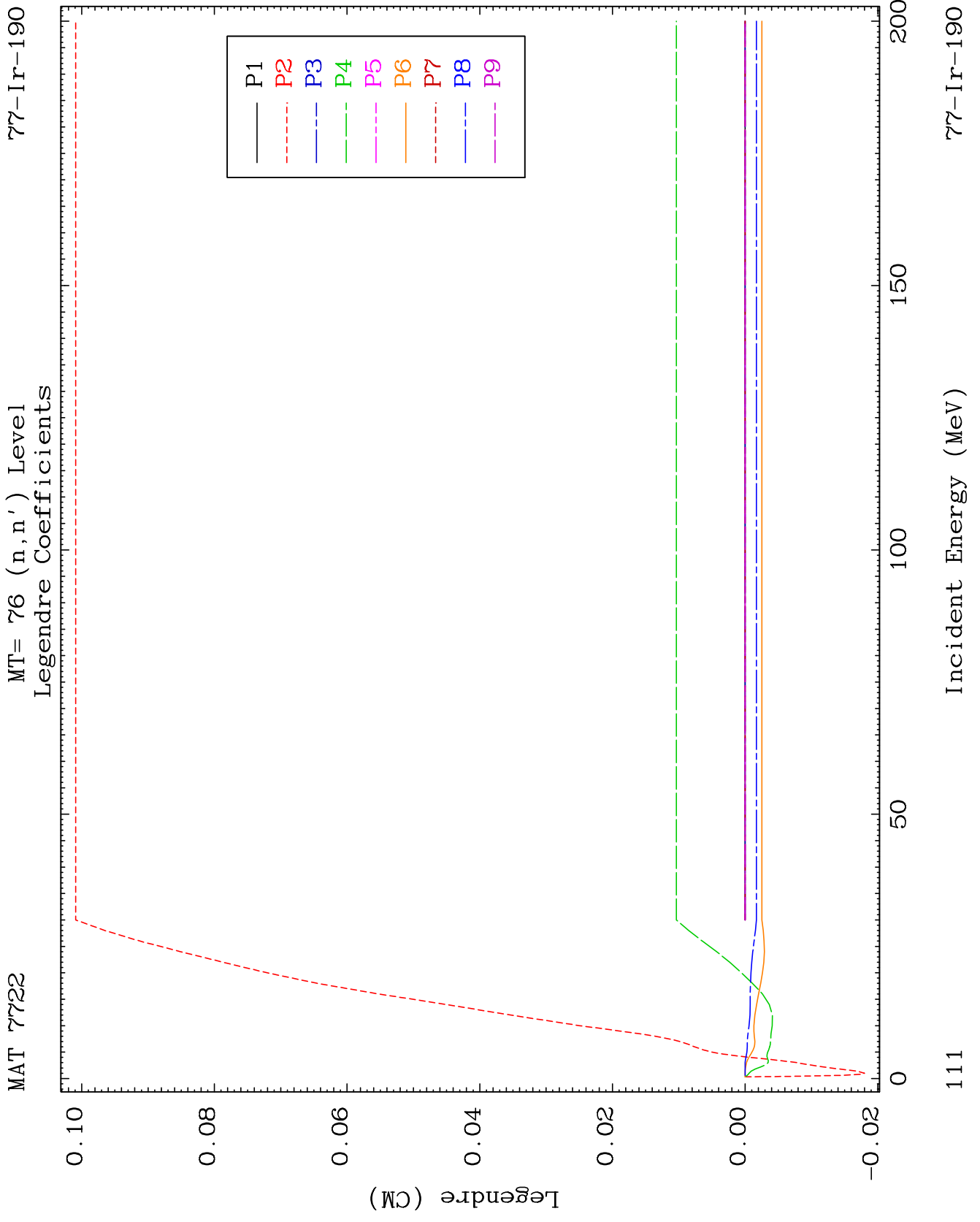
77-Ir-190



109

77-Ir-190



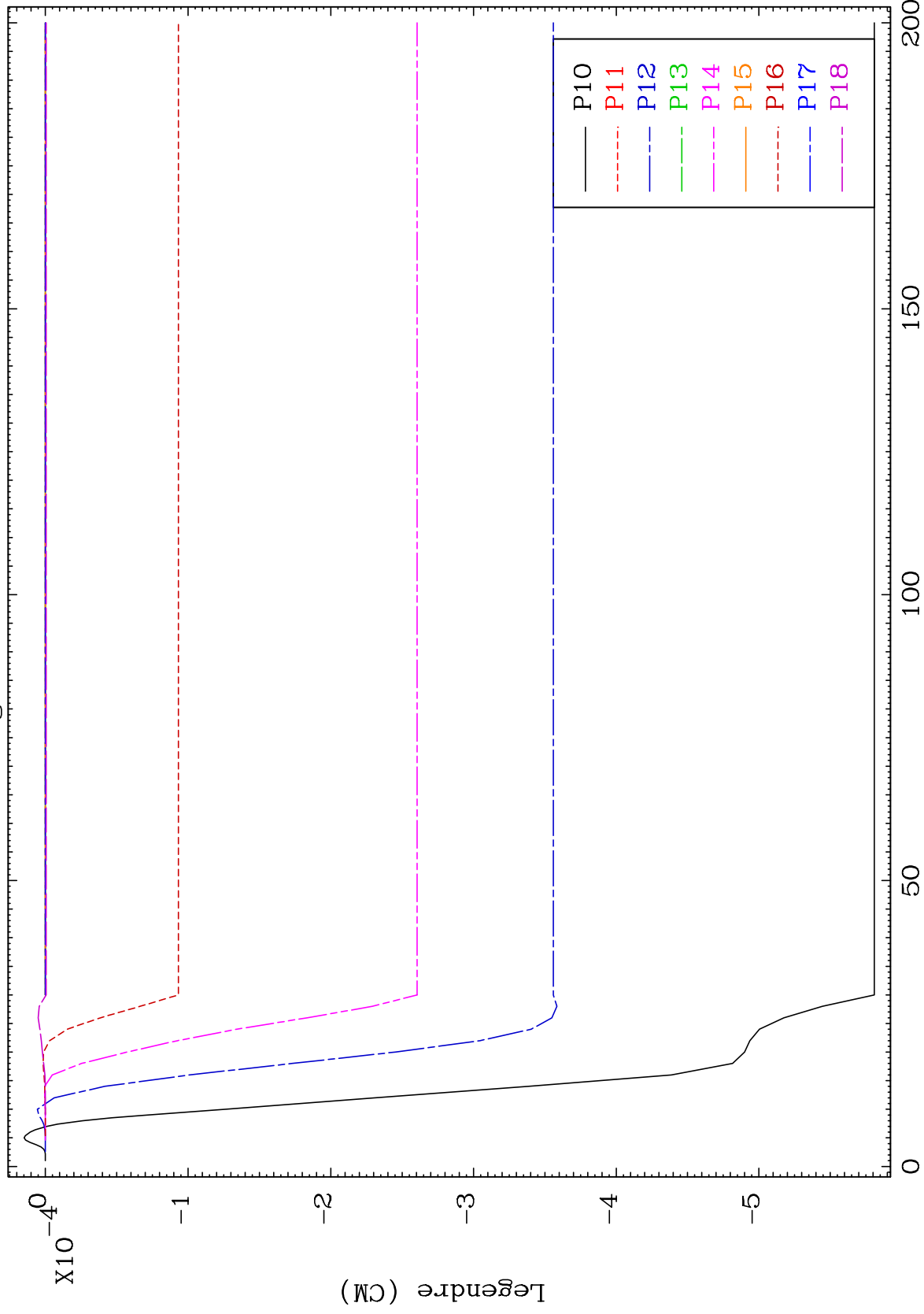




MAT 7722

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

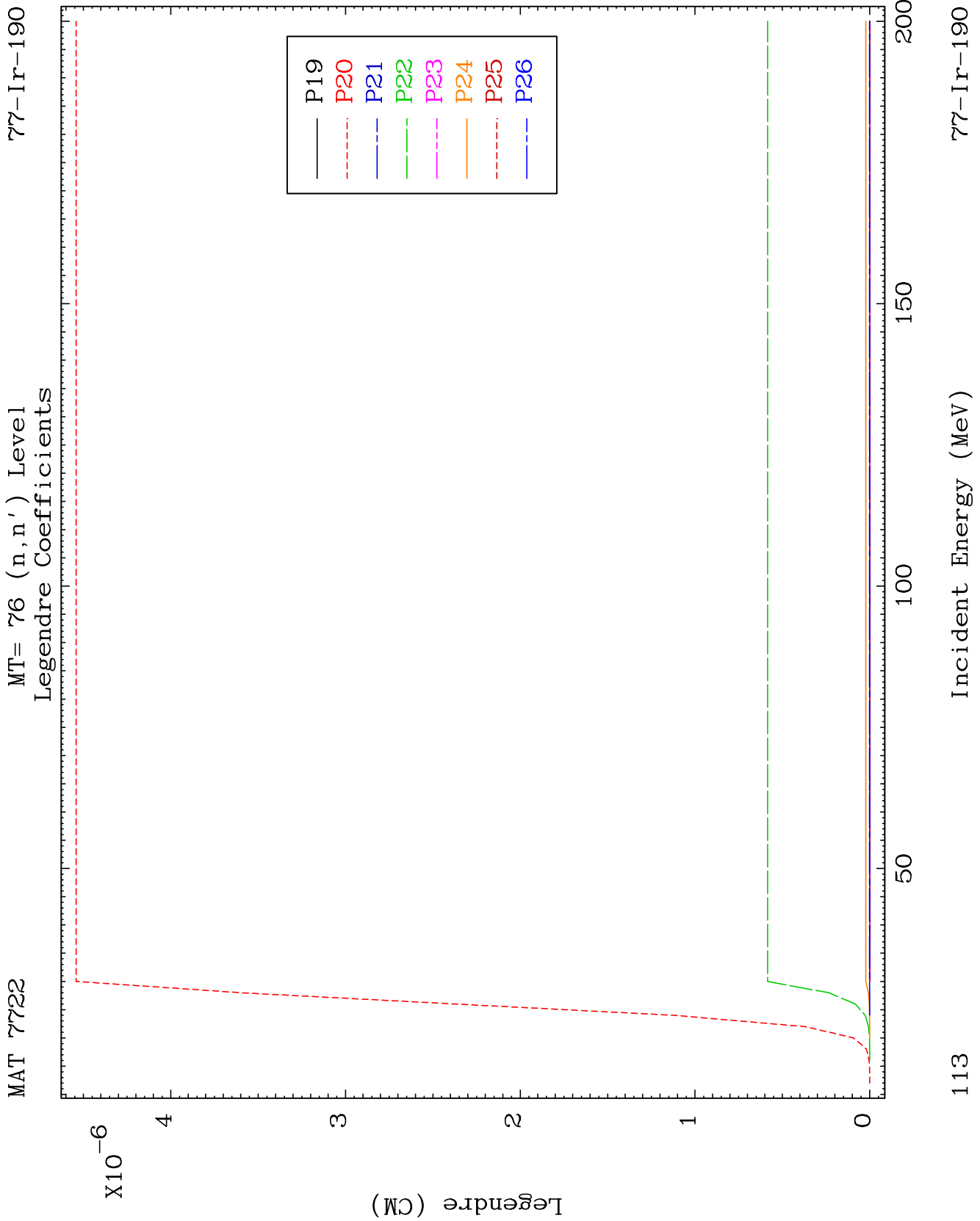
77-Ir-190



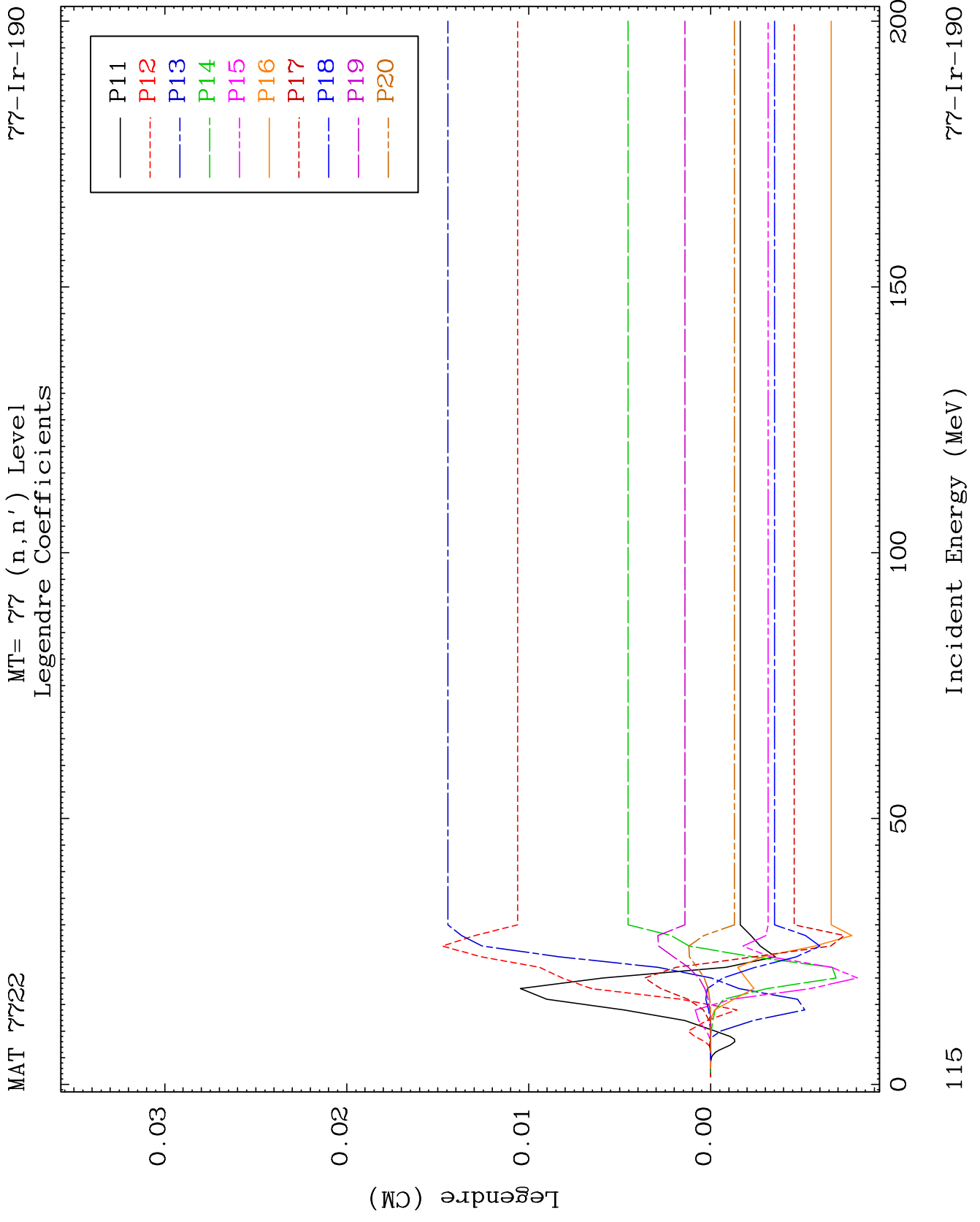
112

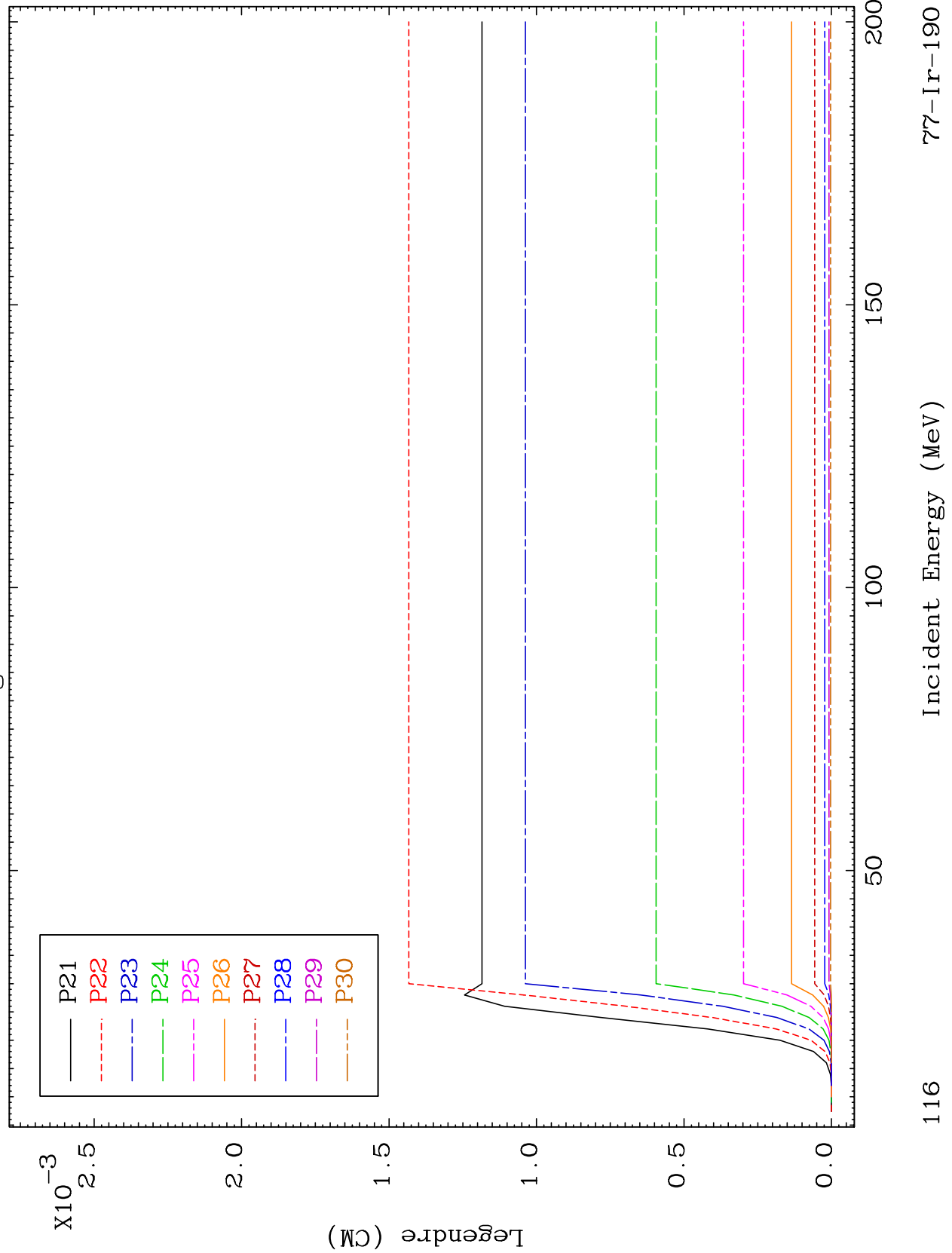
Incident Energy (MeV)

77-Ir-190





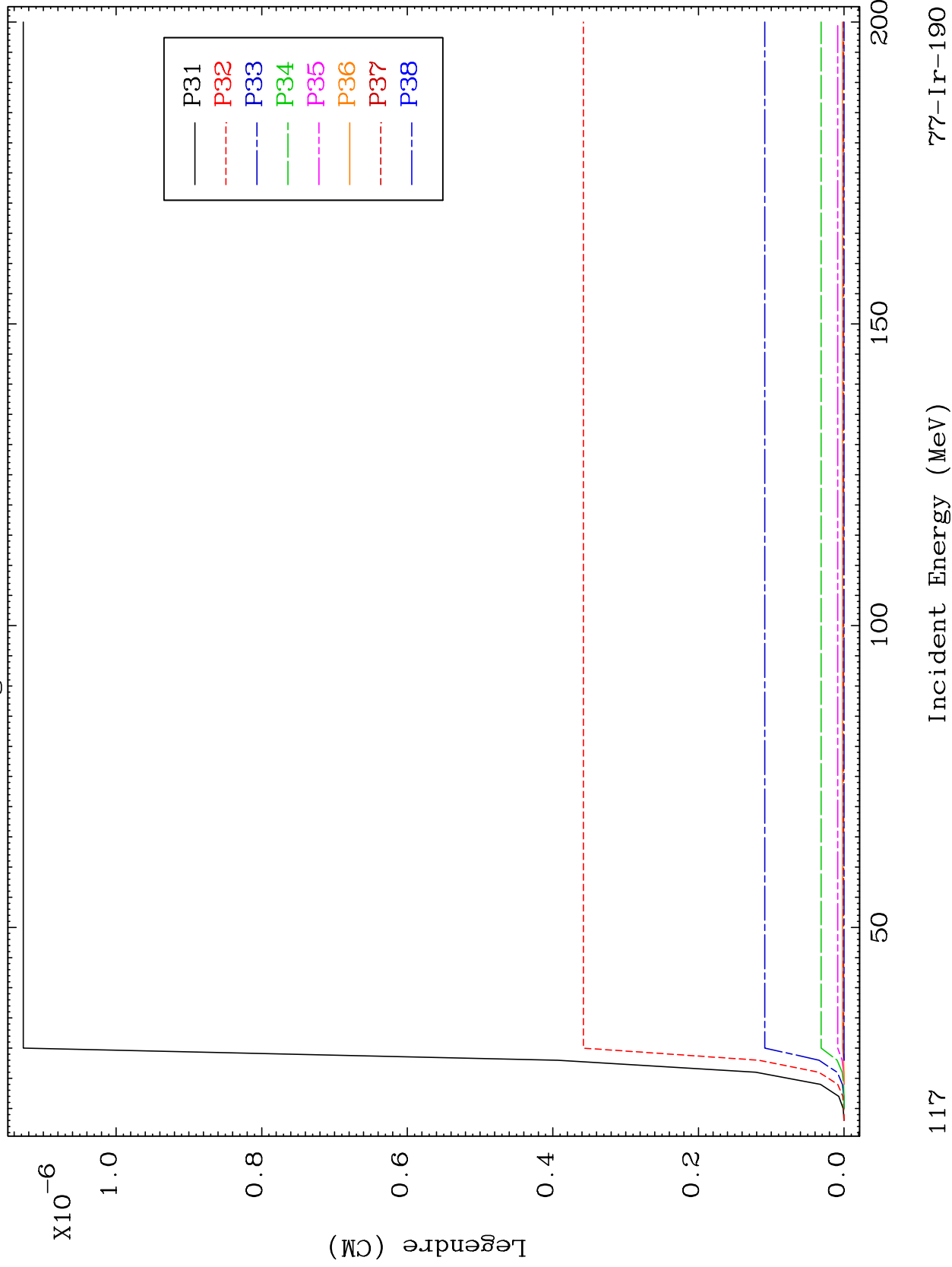




MAT 7722

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

77-Ir-190



117

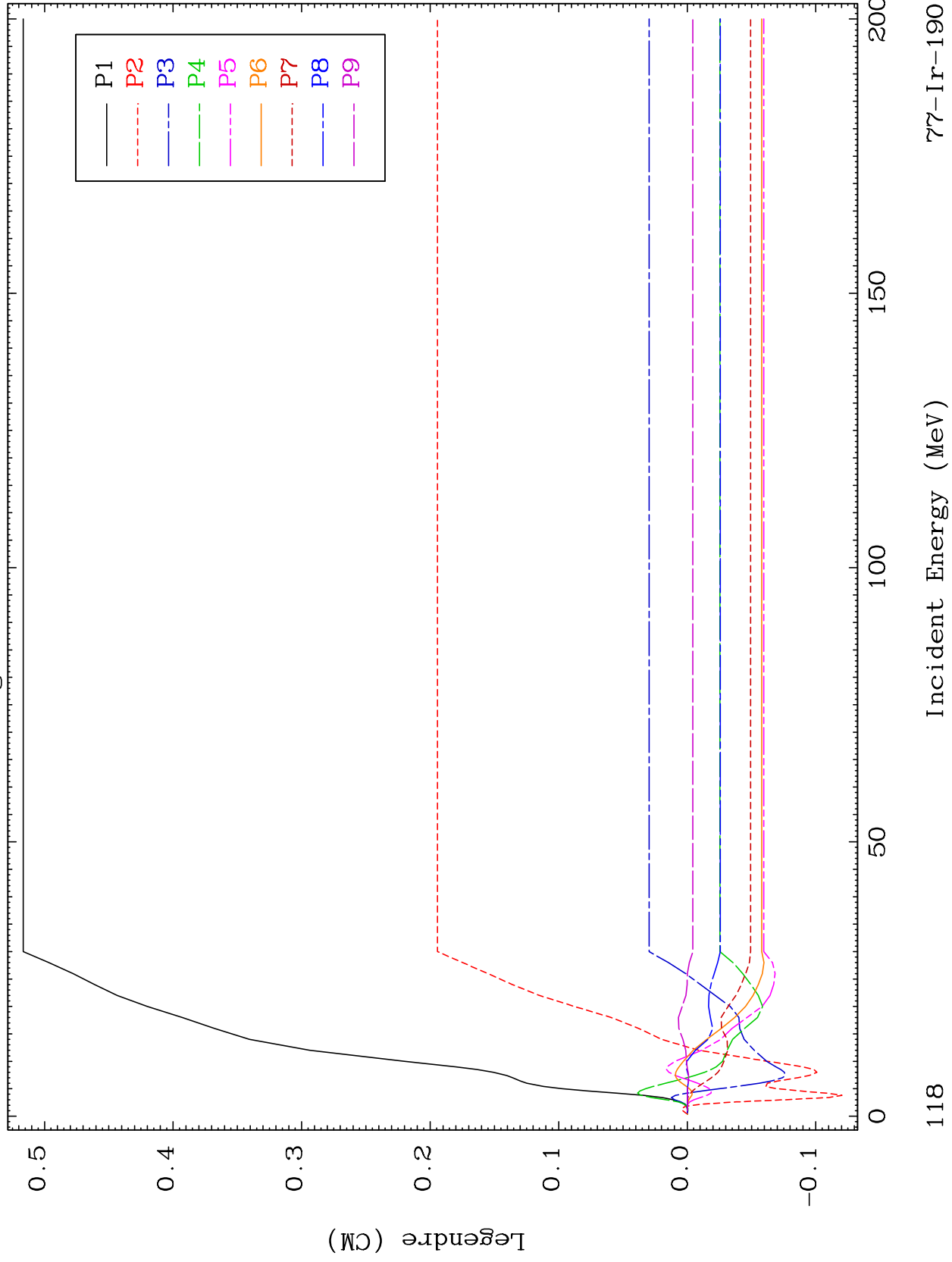
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

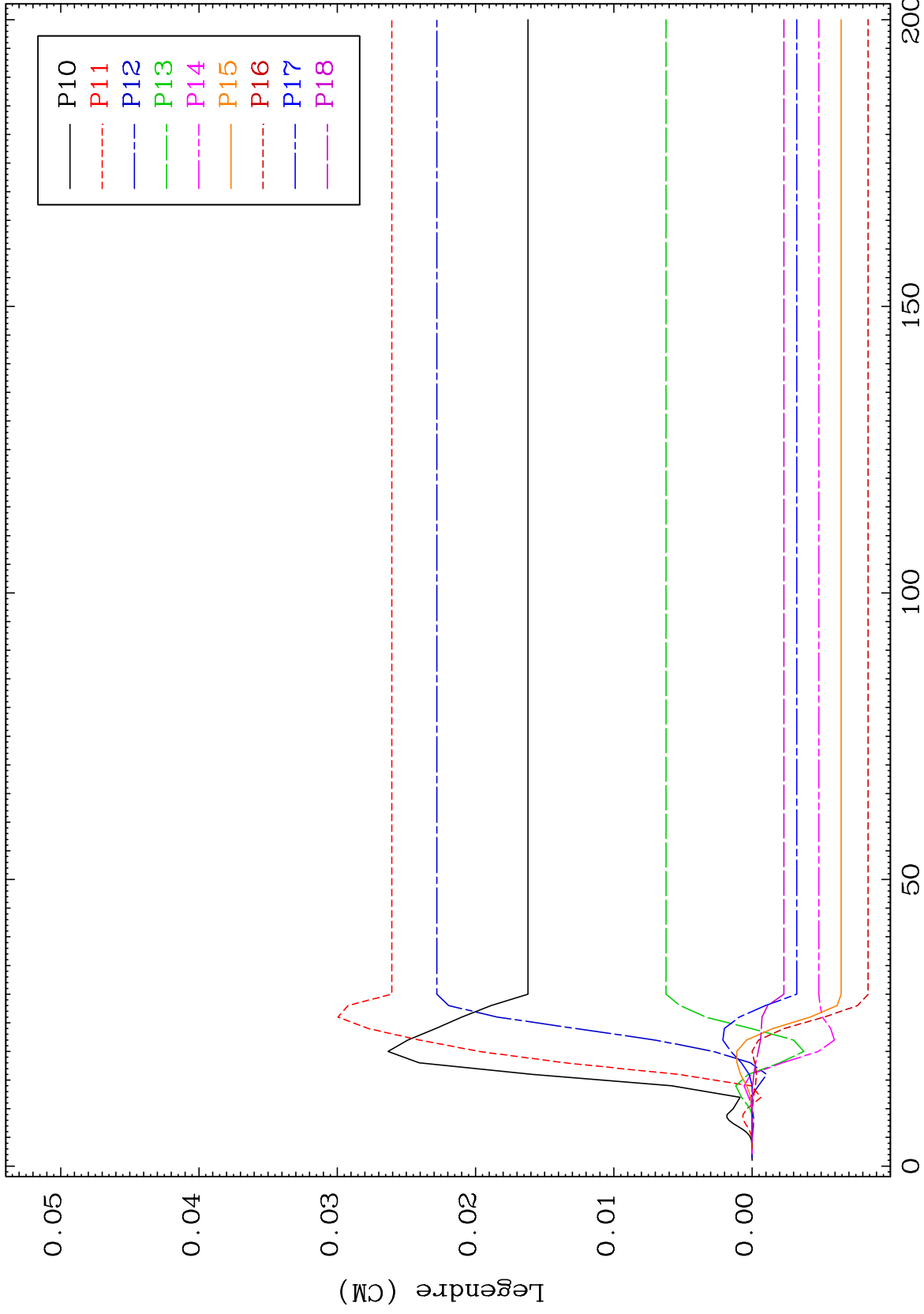
77-Ir-190



MAT 7722

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

77-Ir-190



119

Incident Energy (MeV)

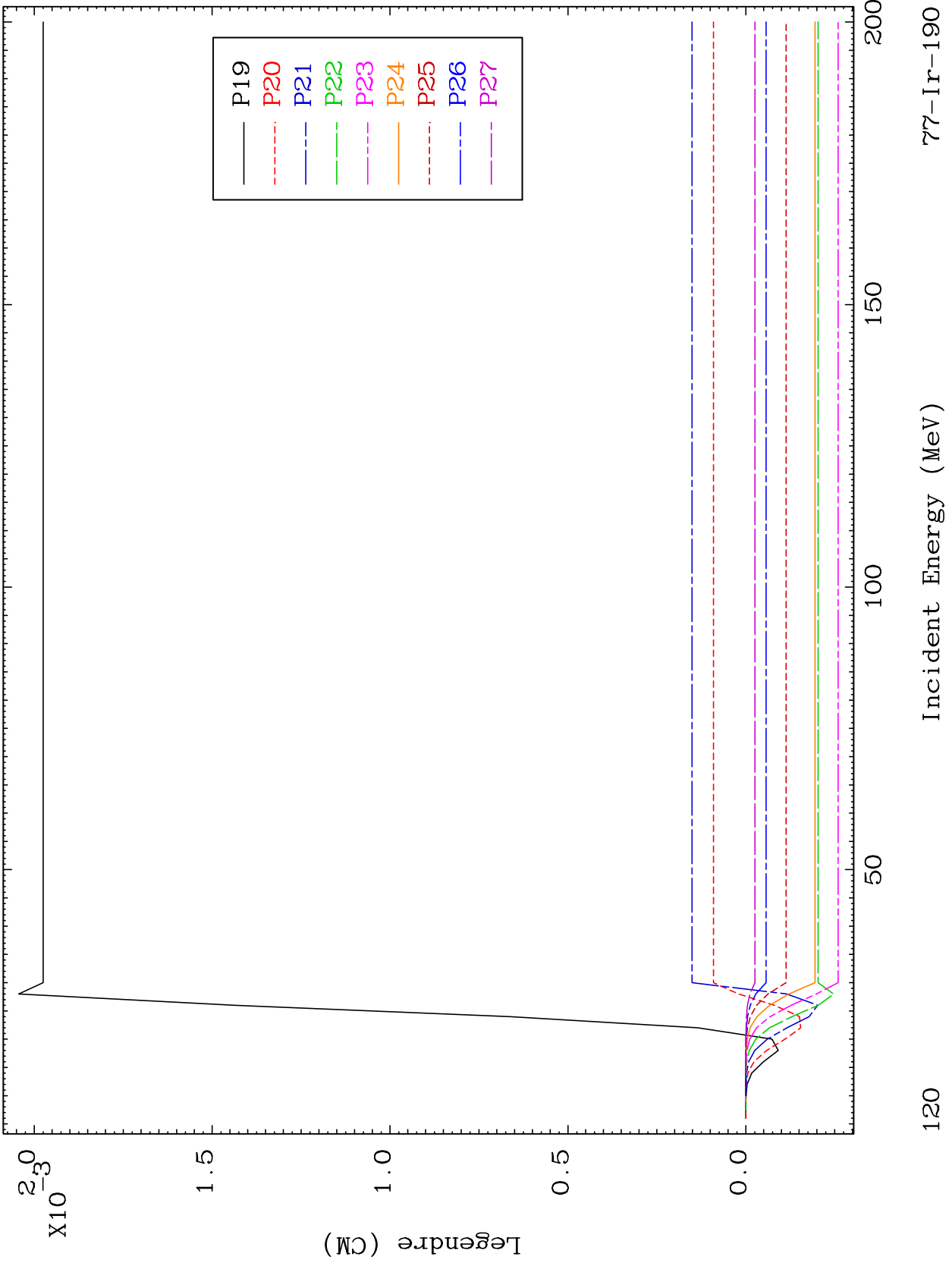
77-Ir-190



MAT 7722

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

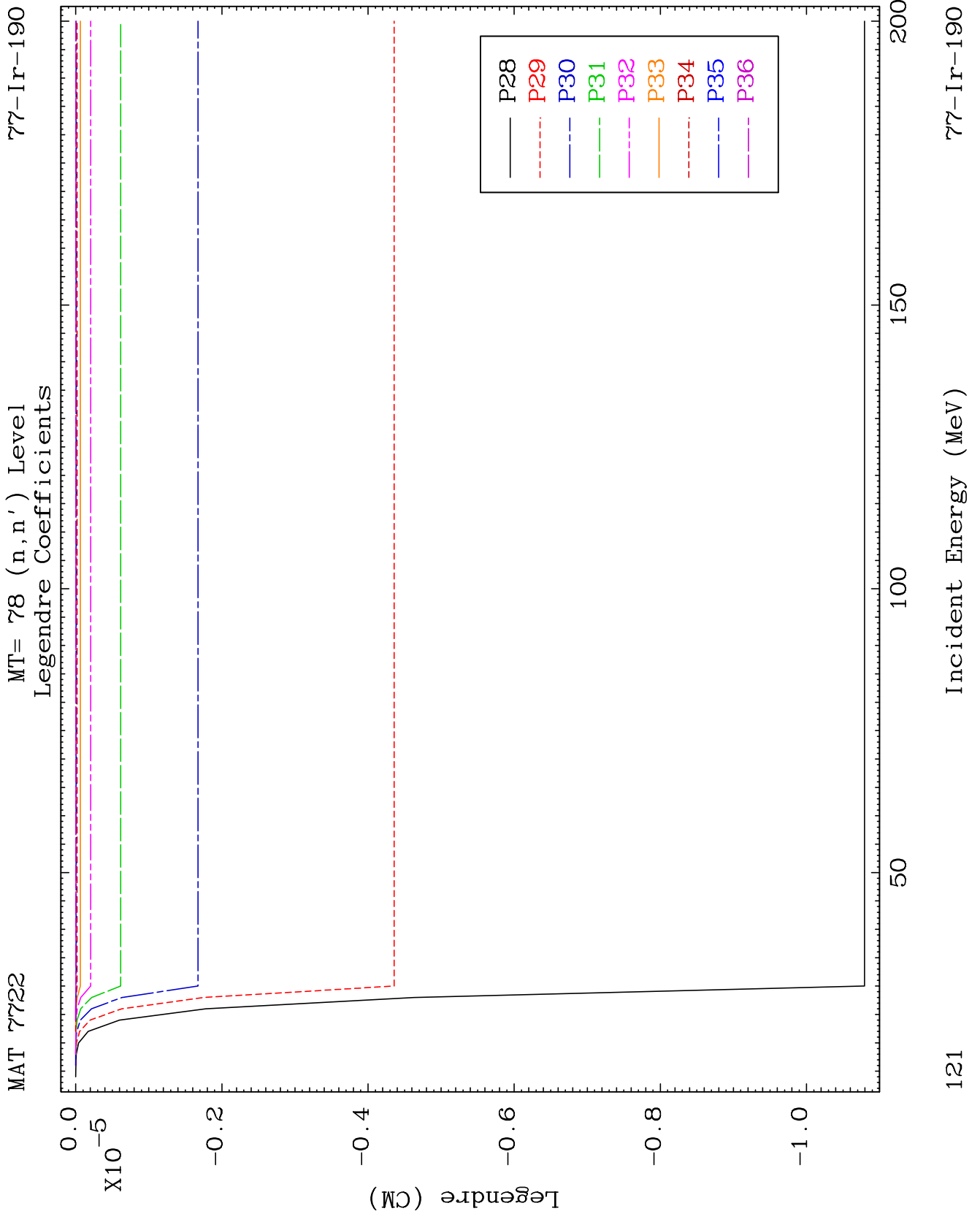
77-Ir-190

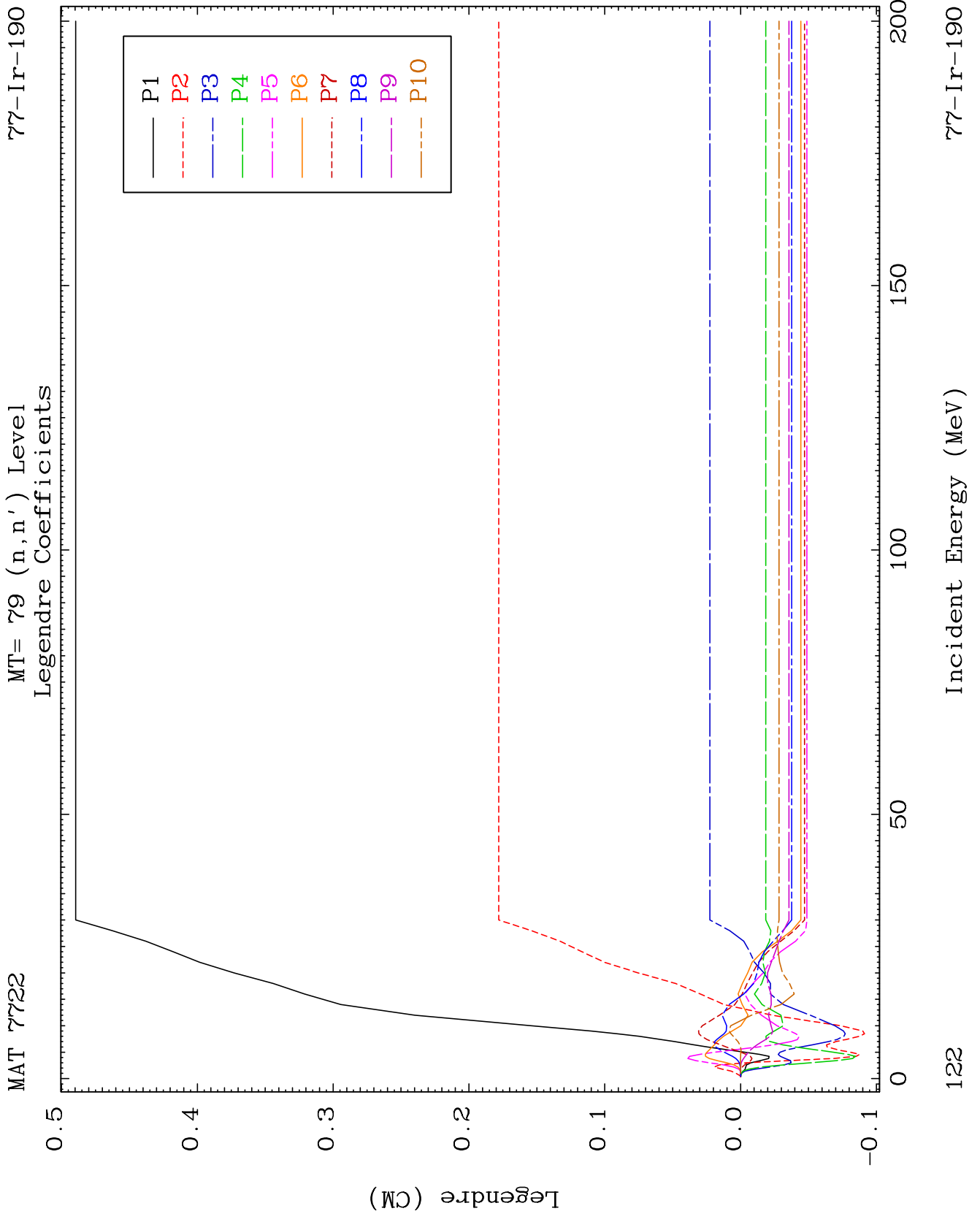


77-Ir-190

Incident Energy (MeV)

120

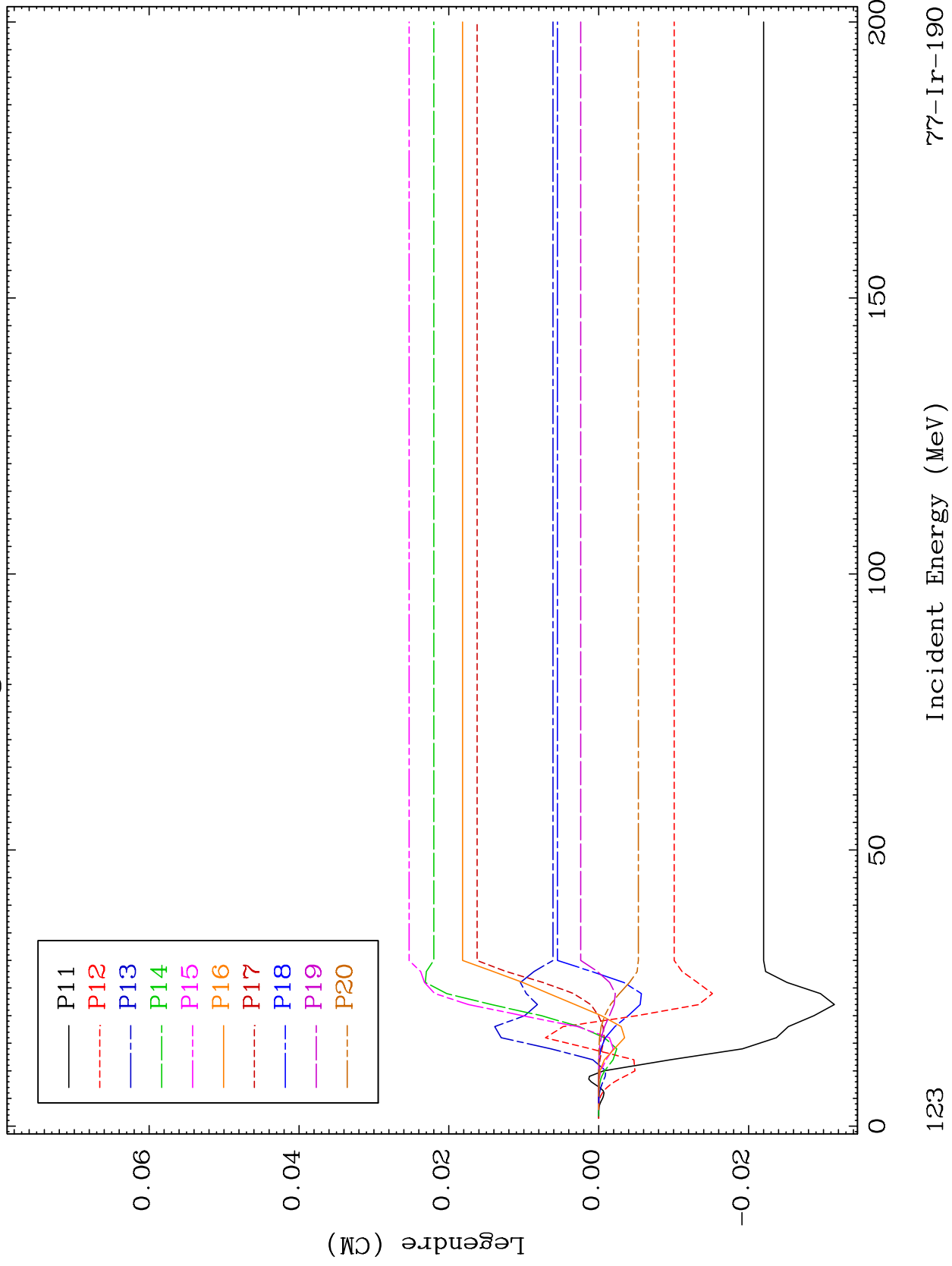




MAT 7722

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

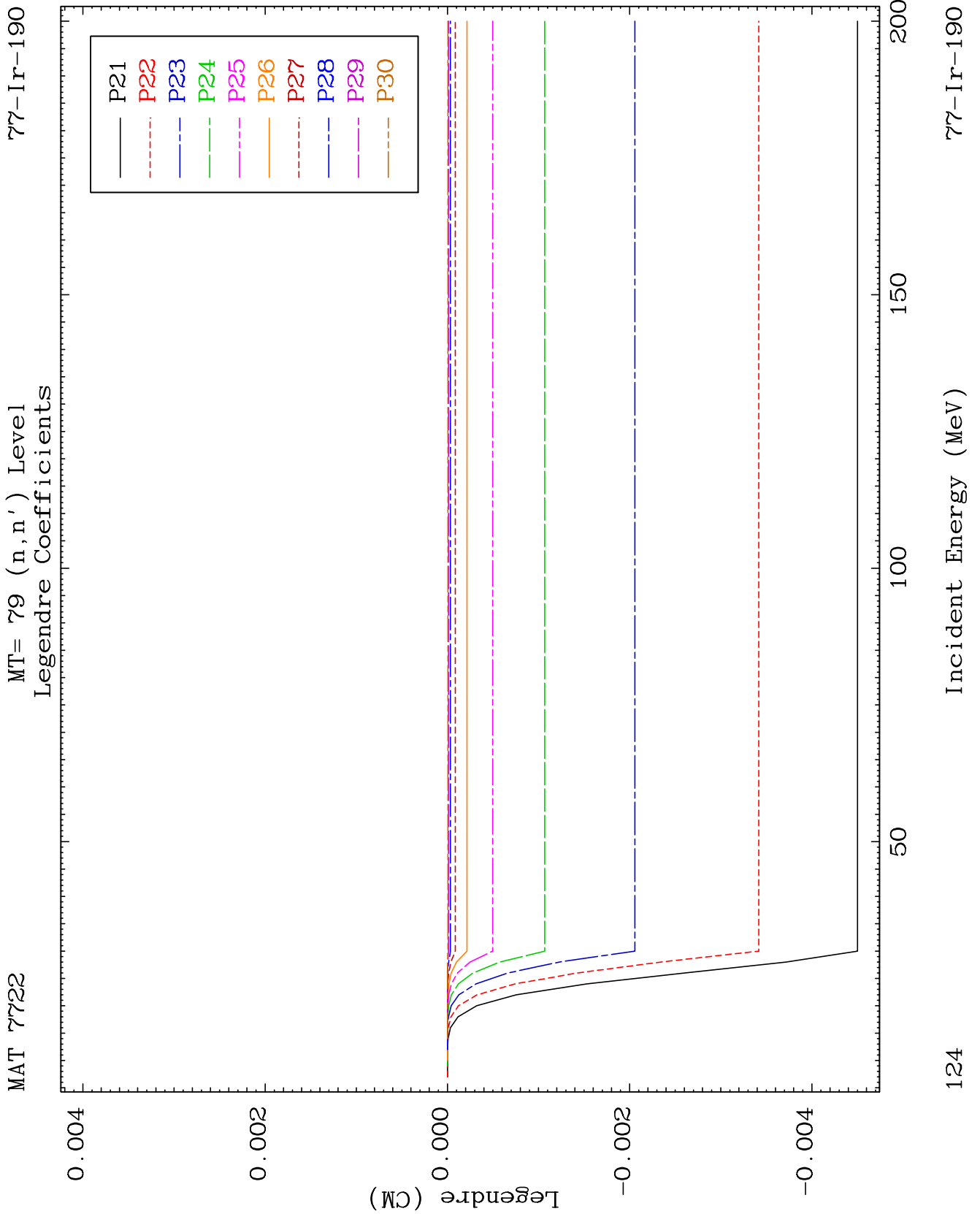
77-Ir-190

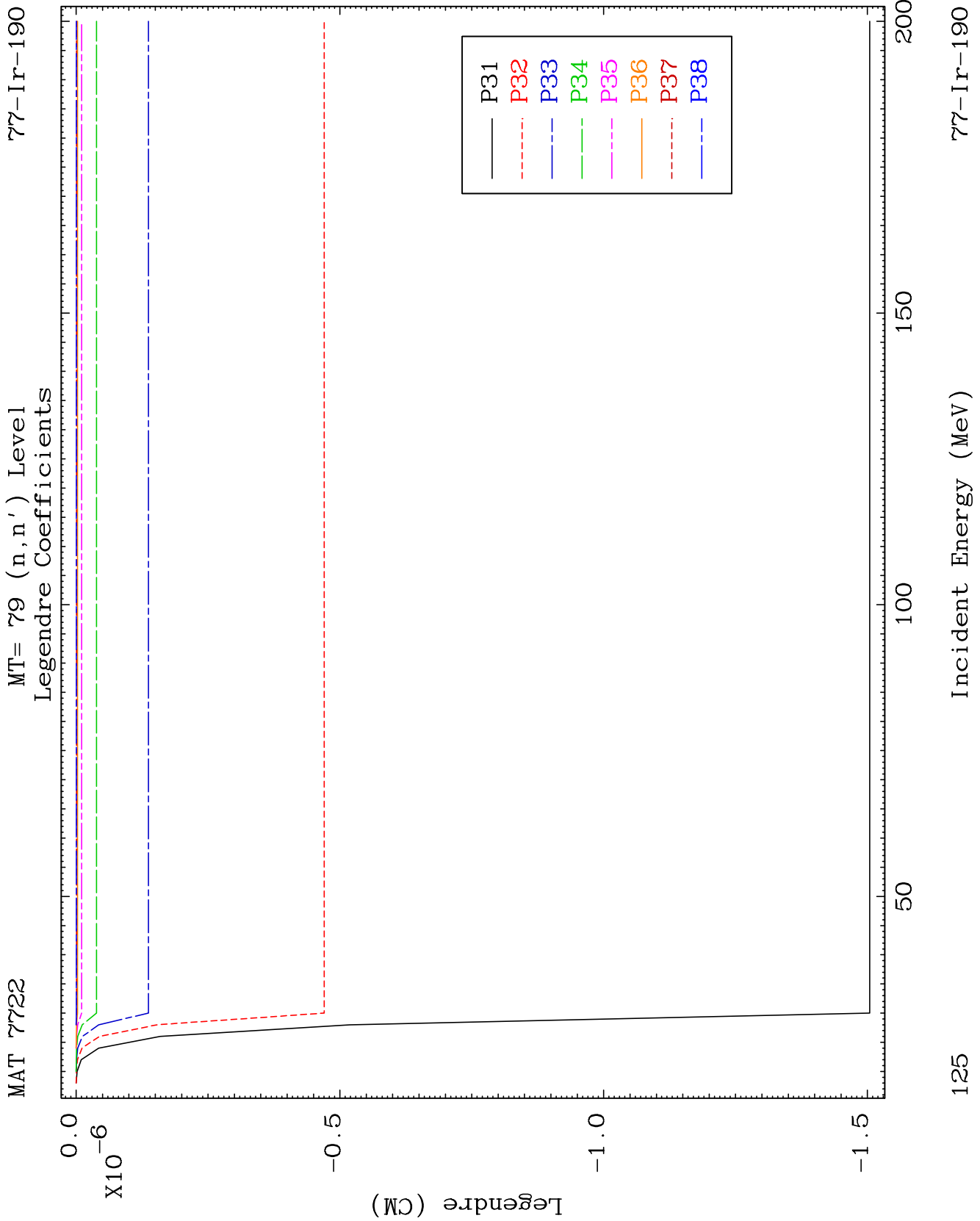


123

Incident Energy (MeV)

77-Ir-190

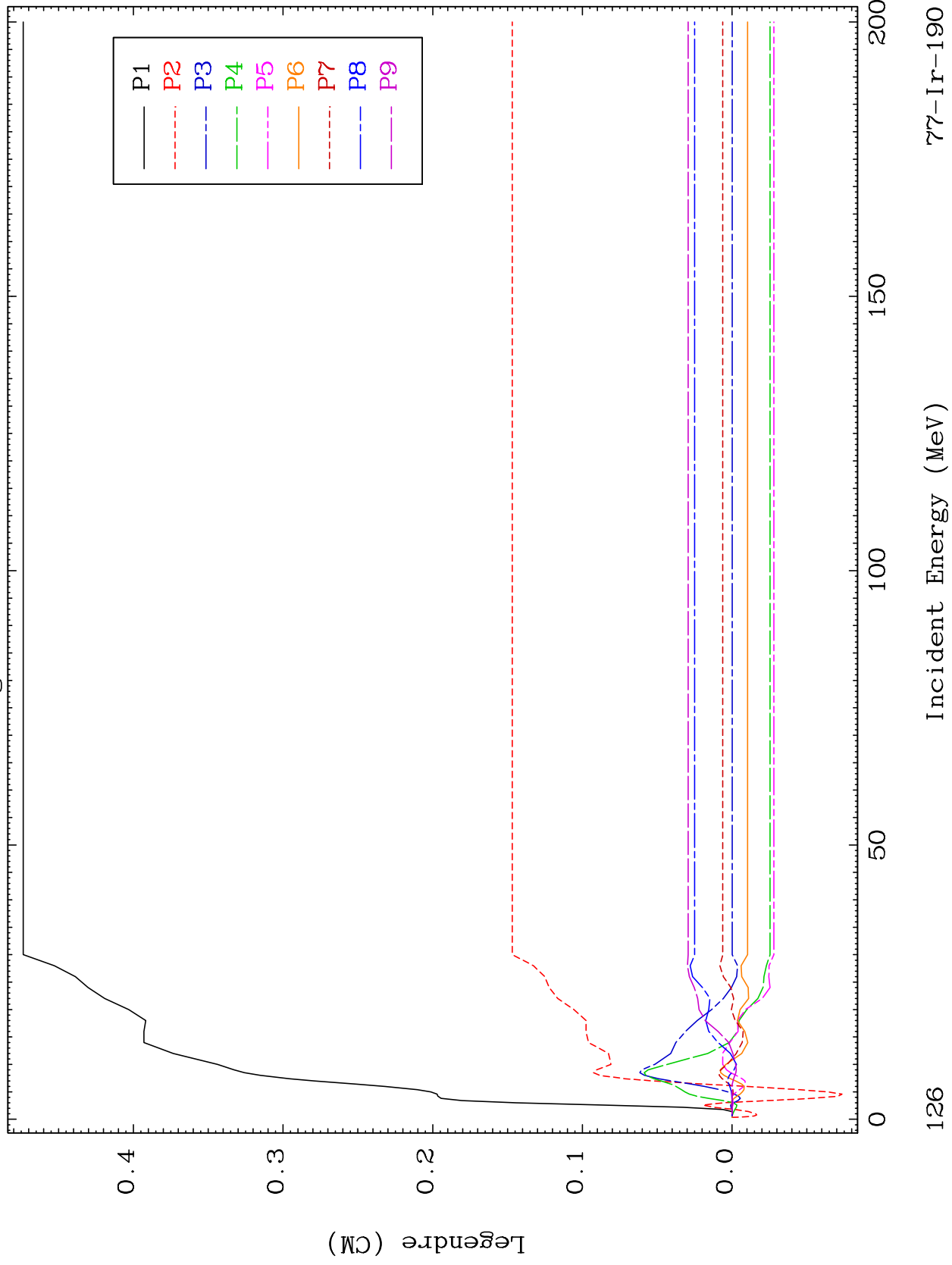




MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

126

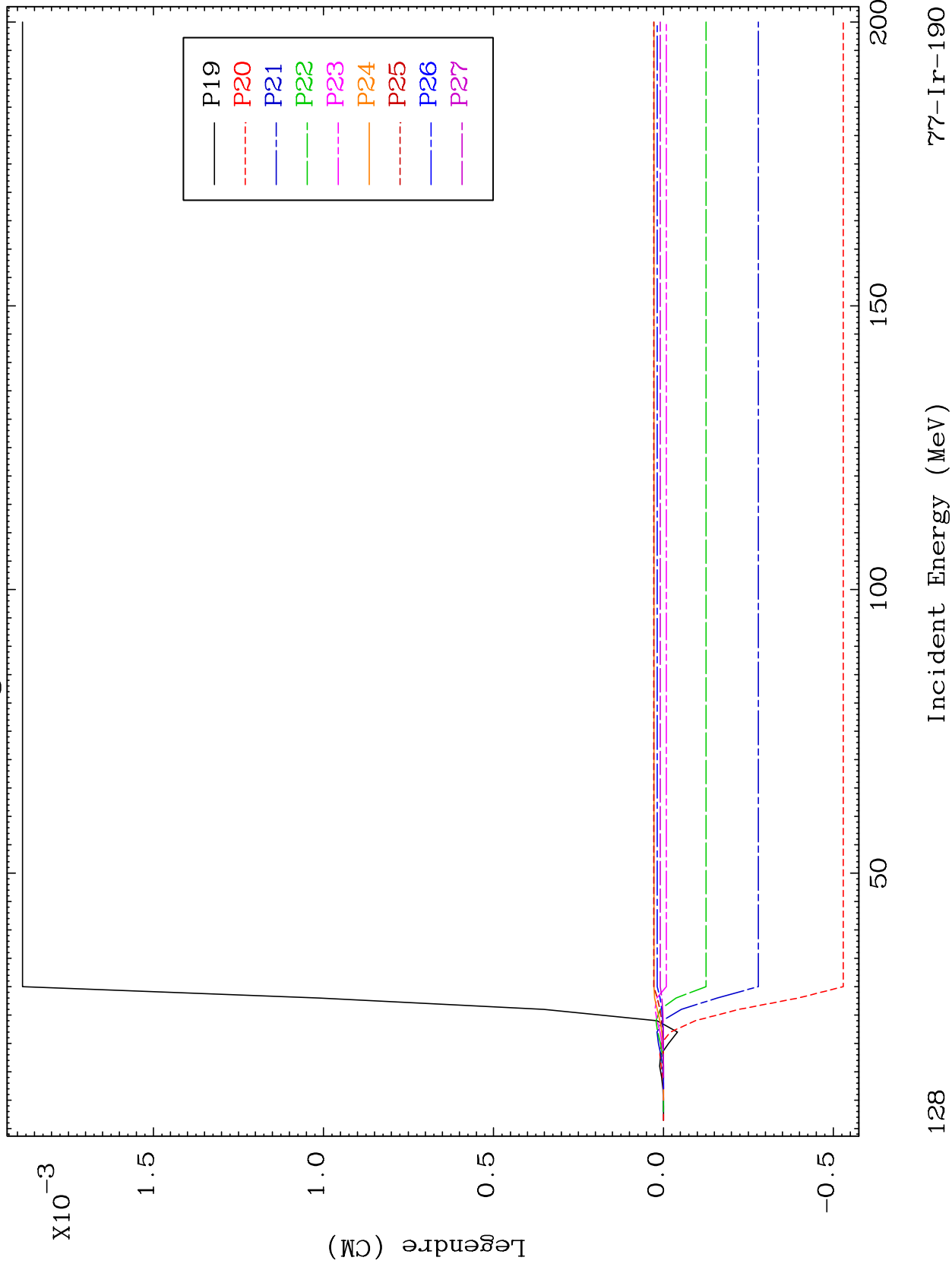




MAT 7722

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

77-Ir-190



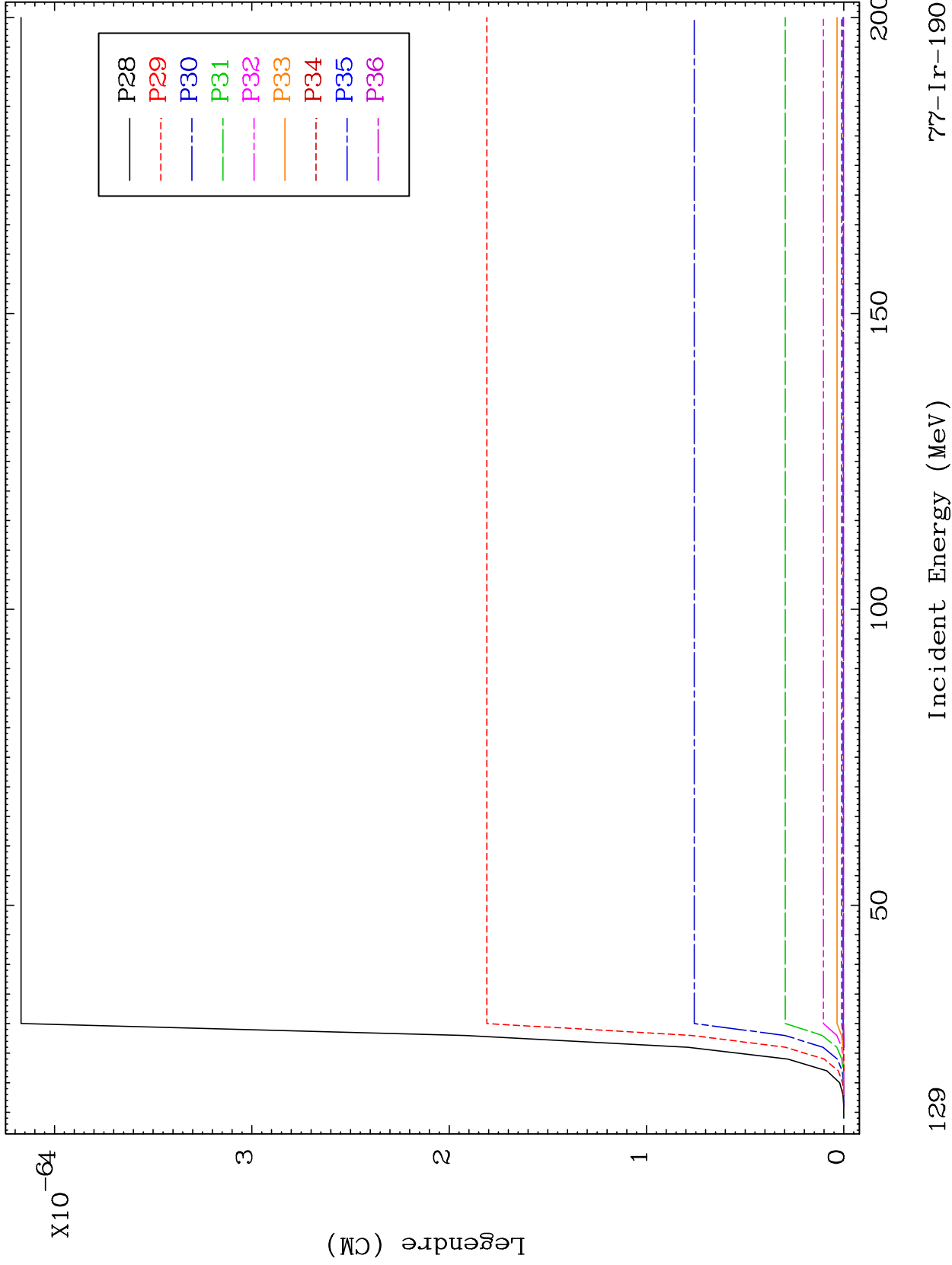
128

77-Ir-190

MAT 7722

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

77-Ir-190



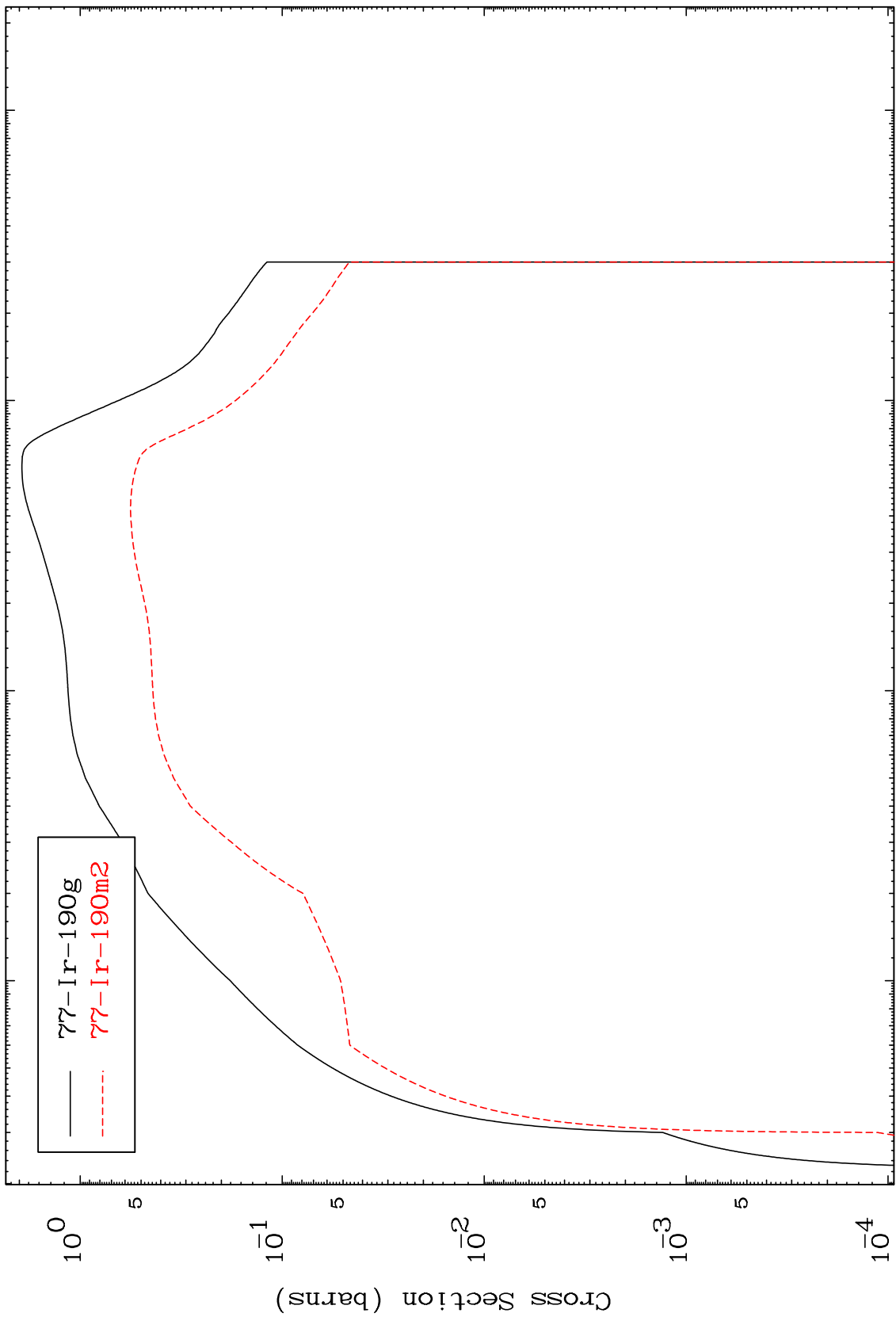
129

77-Ir-190

MAT 7722

77-Ir-190

Radionuclide Production Cross Section



— 77-Ir-190g  
- - - 77-Ir-190m2

130

Incident Energy (MeV)

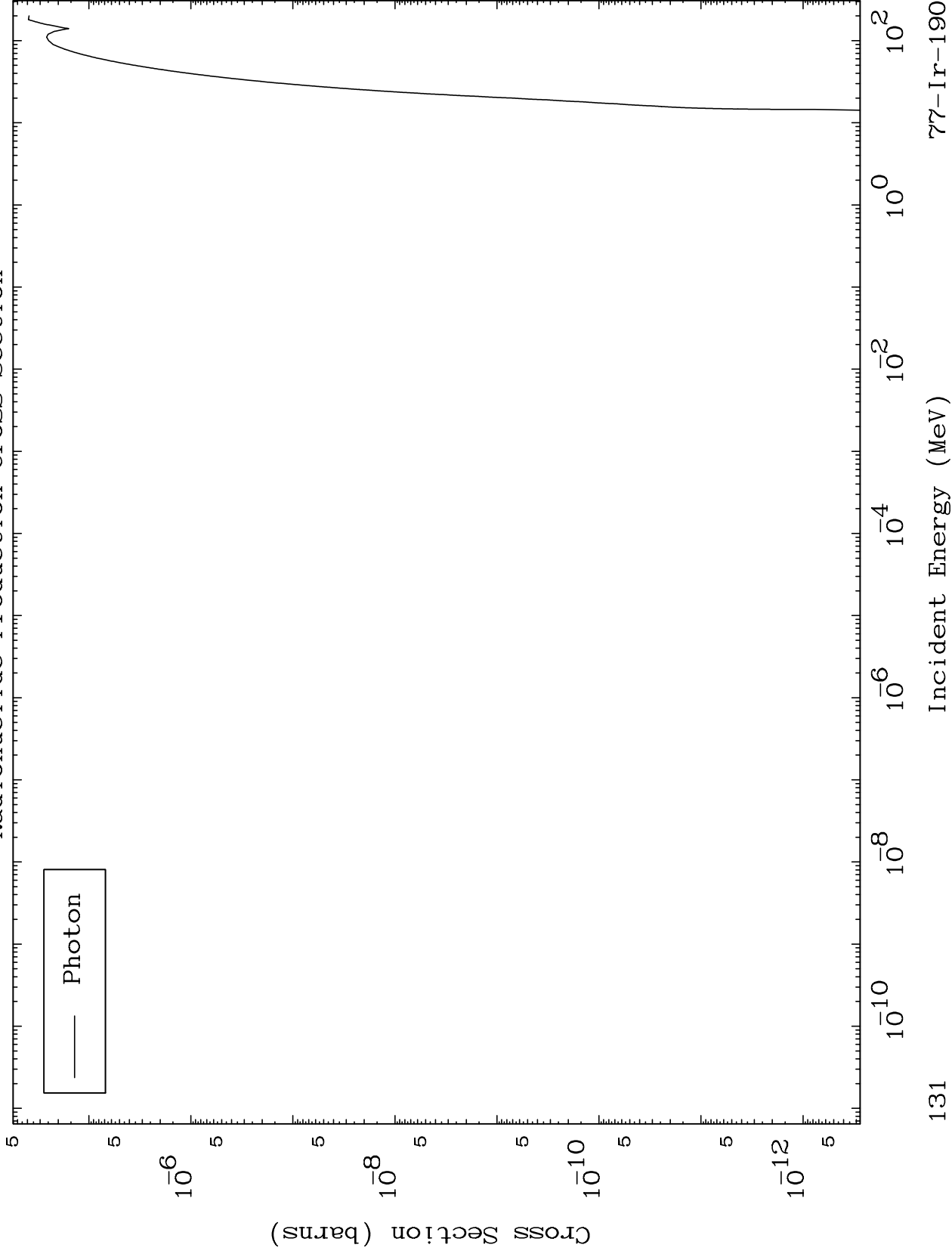
77-Ir-190

MAT 7722

Fission

<sup>77</sup>Ir-190

Radionuclide Production Cross Section

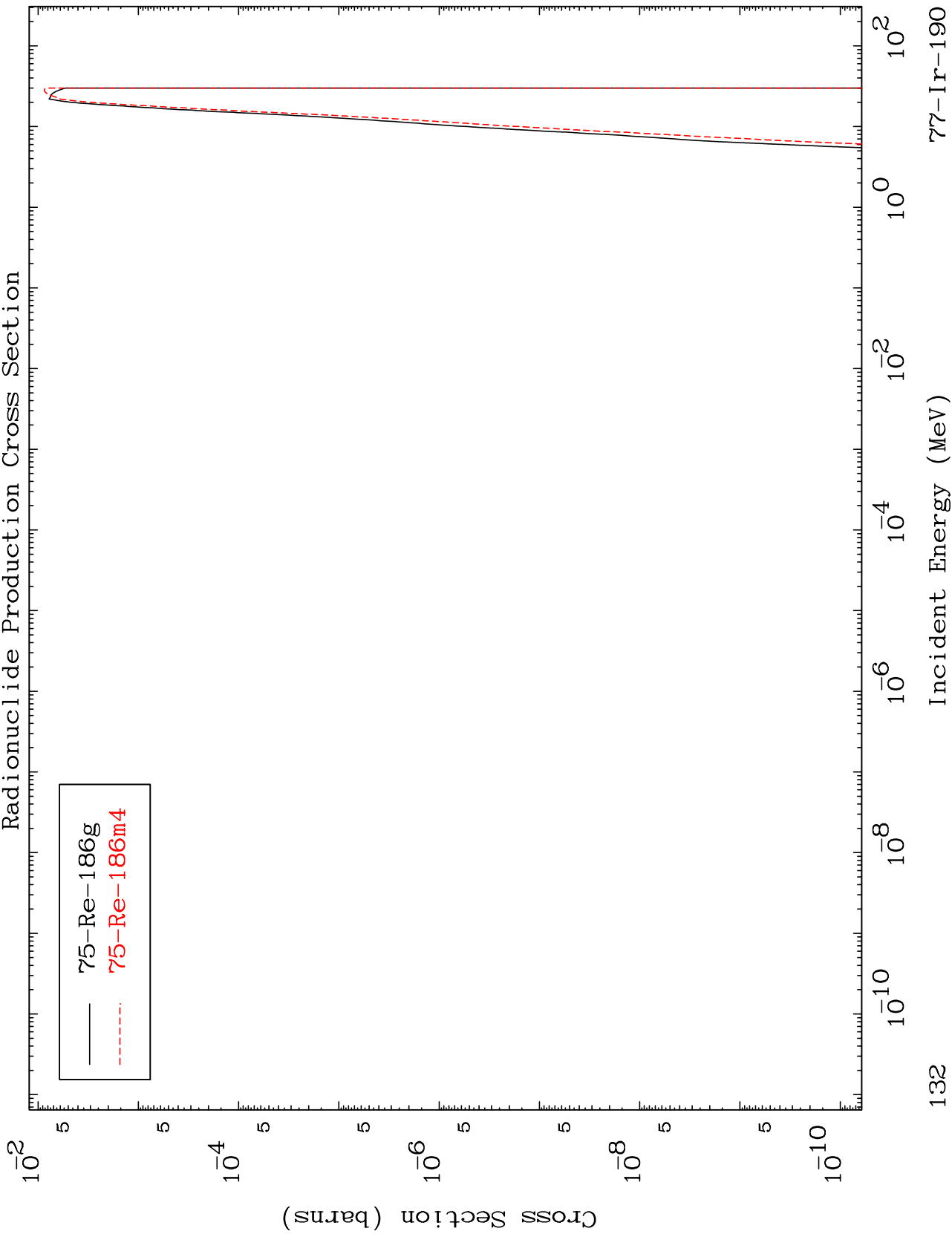


MAT 7722

$(n, n') \alpha$

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

Radionuclide Production Cross Section



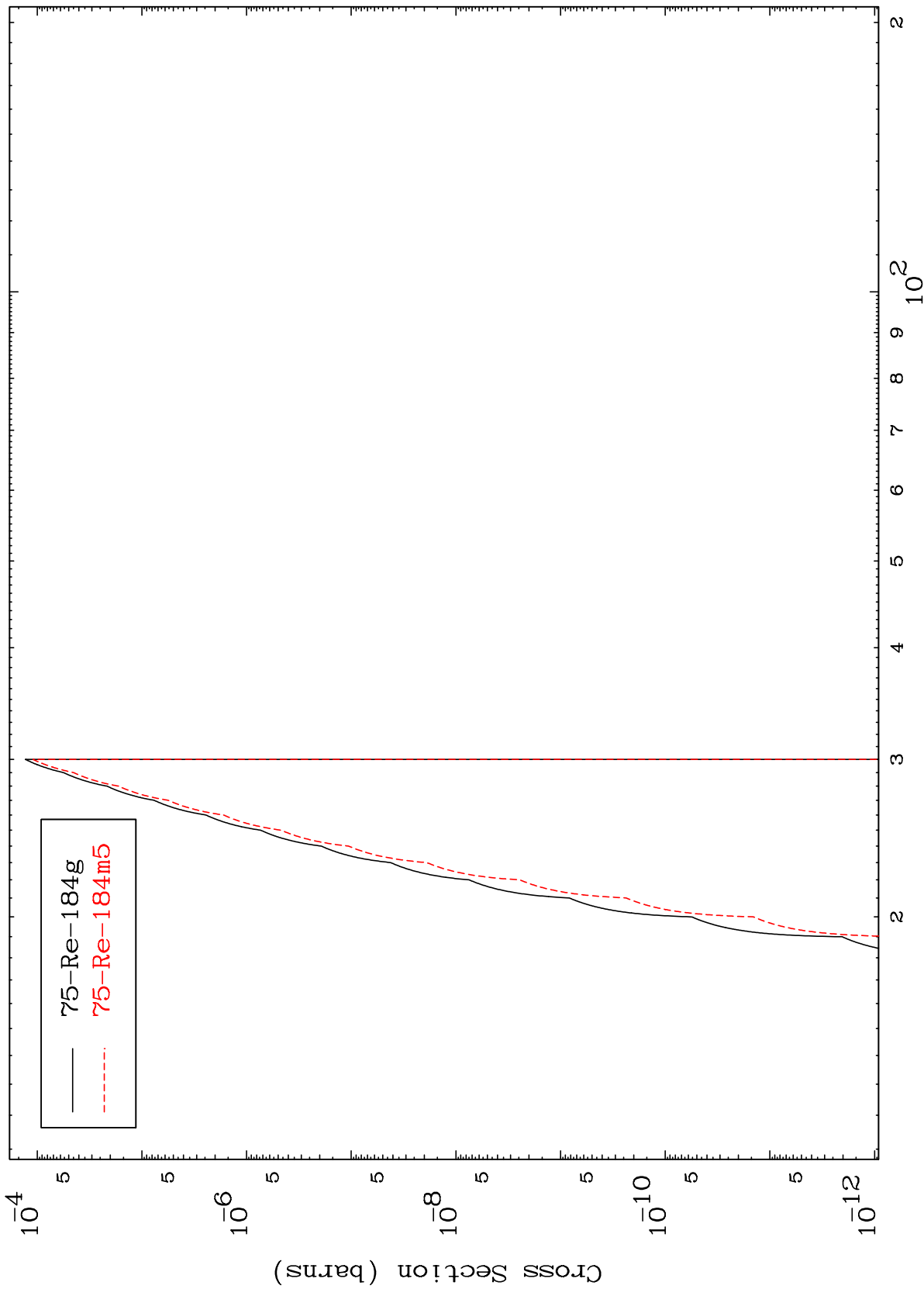
75-Re-186g  
75-Re-186m4

MAT 7722

(n,3n)  $\alpha$

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



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

Incident Energy (MeV)

<sup>77</sup>Ir-190

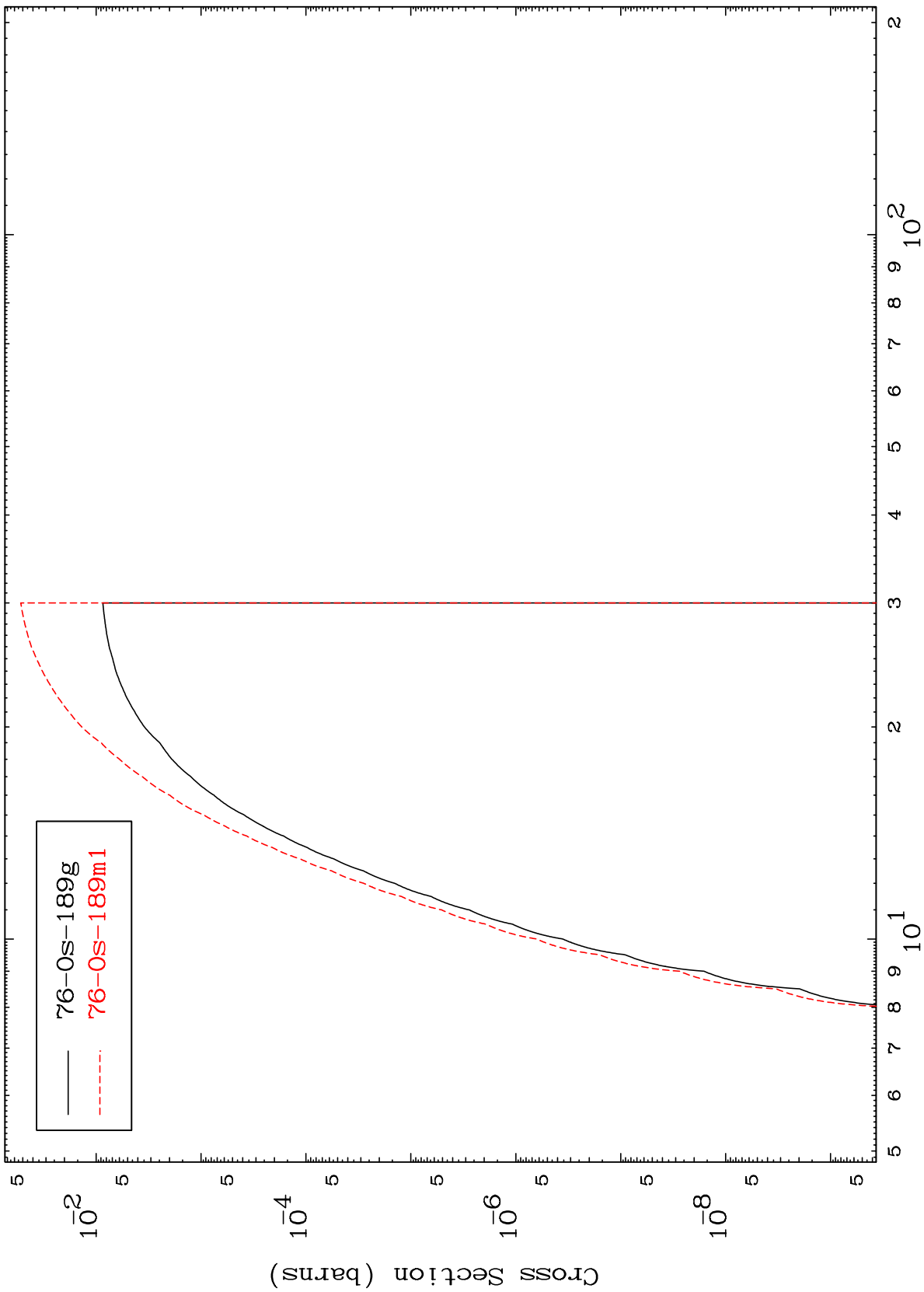
133

MAT 7722

$(n, n')$  p

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

Radionuclide Production Cross Section



134

Incident Energy (MeV)

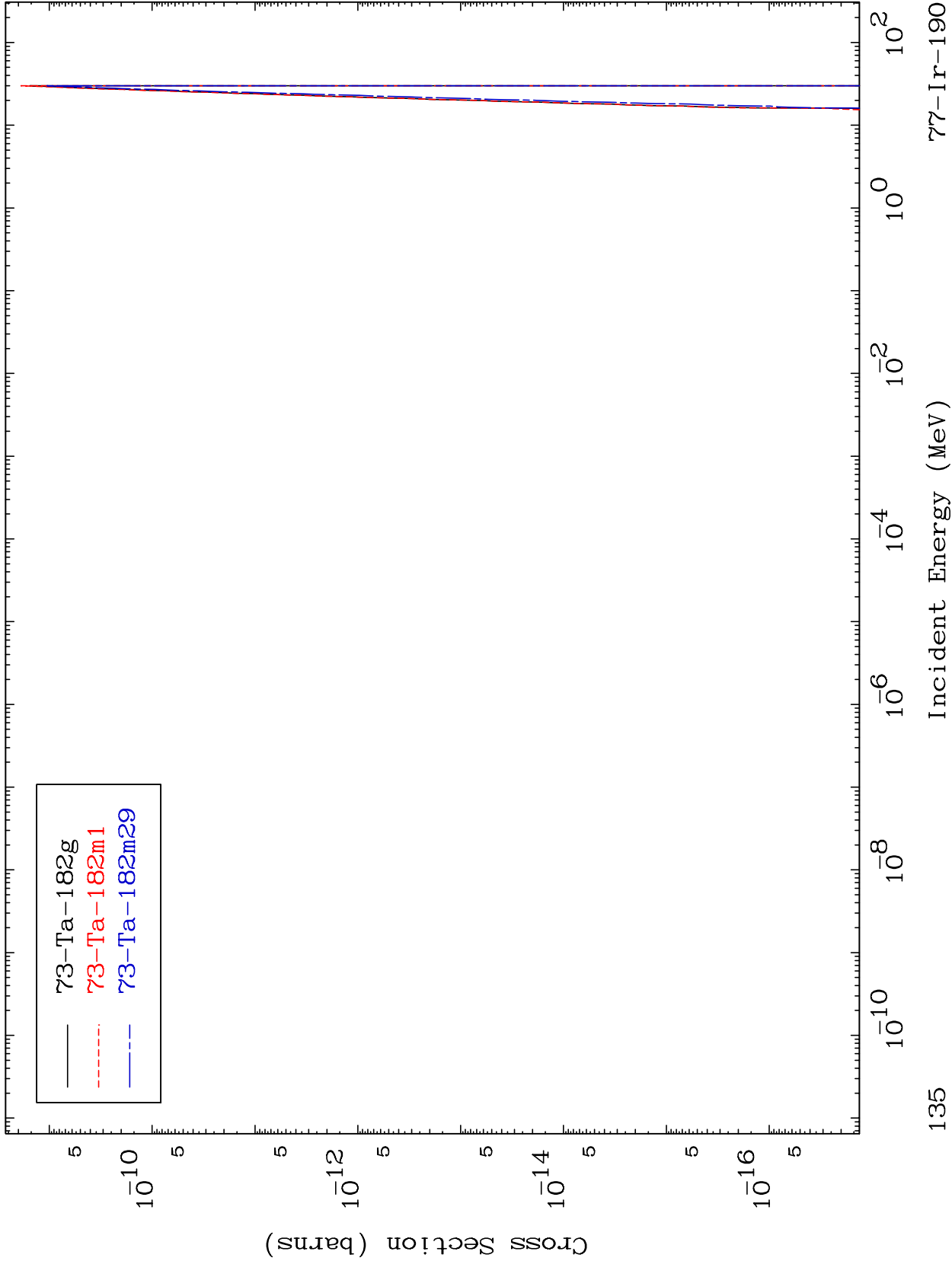
$^{77}\text{Ir-190}$

MAT 7722

(n,n') 2α

77-Ir-190

Radionuclide Production Cross Section



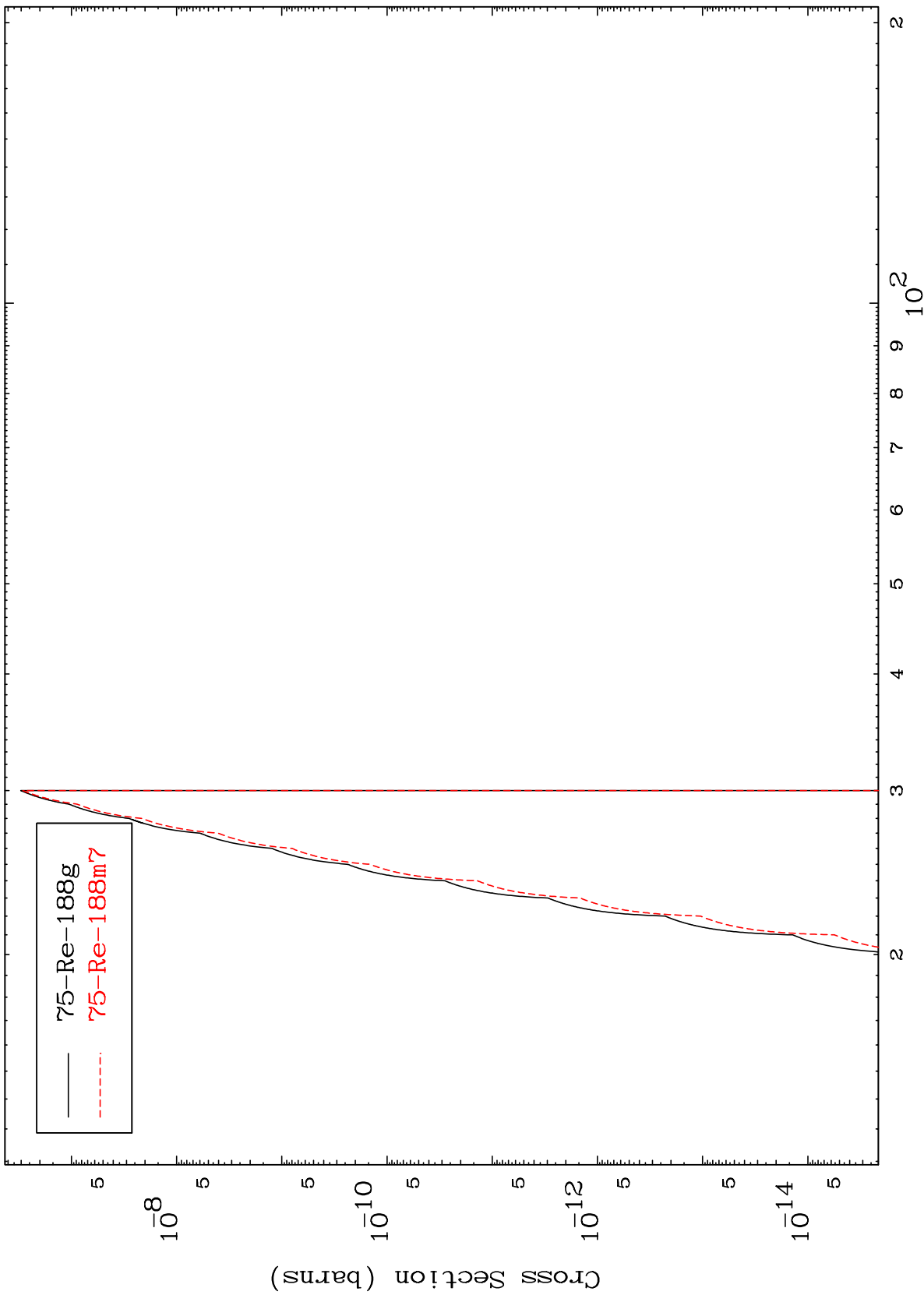
135

Incident Energy (MeV)

77-Ir-190



Radionuclide Production Cross Section

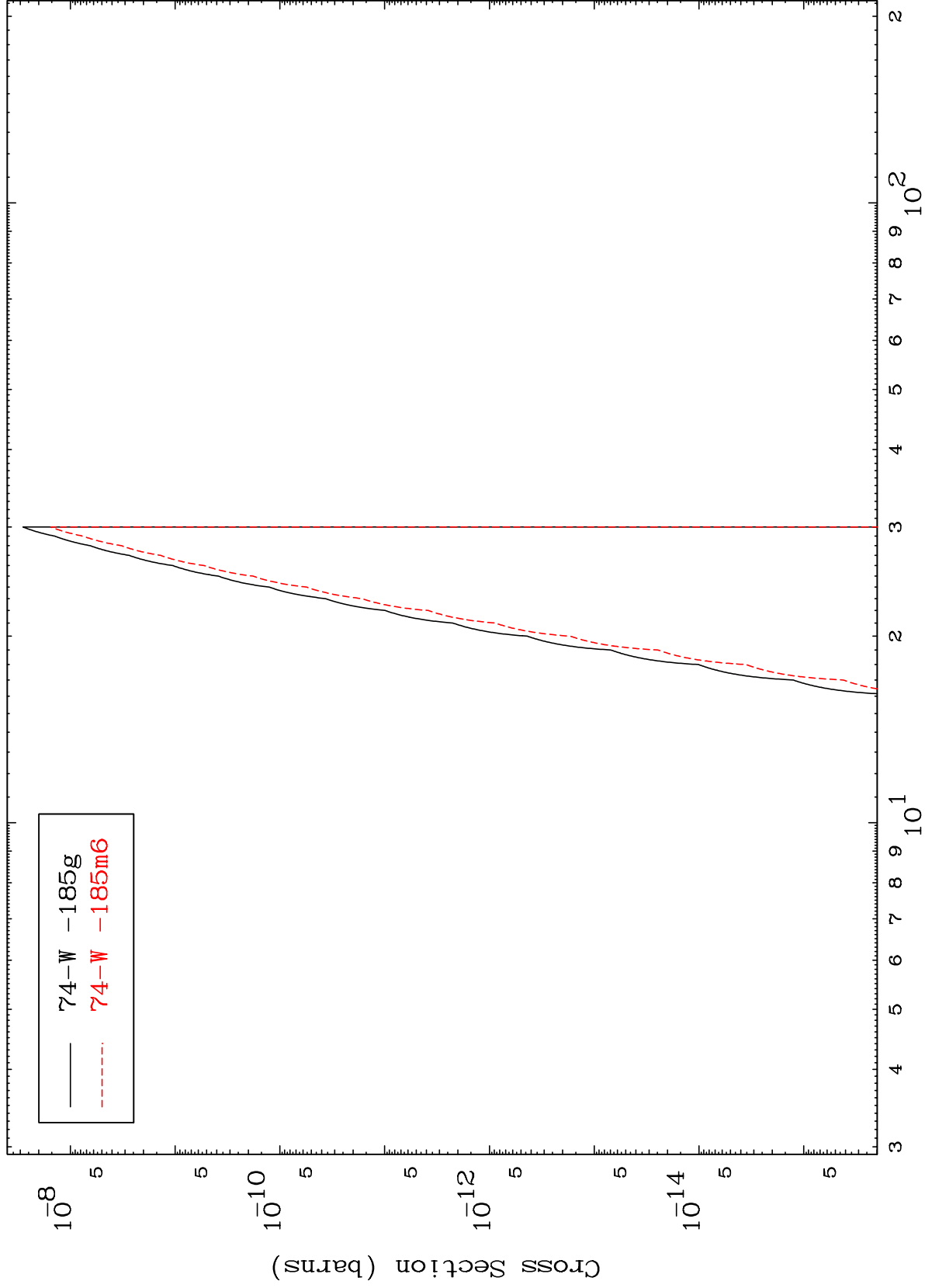


MAT 7722

(n,n') p  $\alpha$

77-Ir-190

Radionuclide Production Cross Section



137

Incident Energy (MeV)

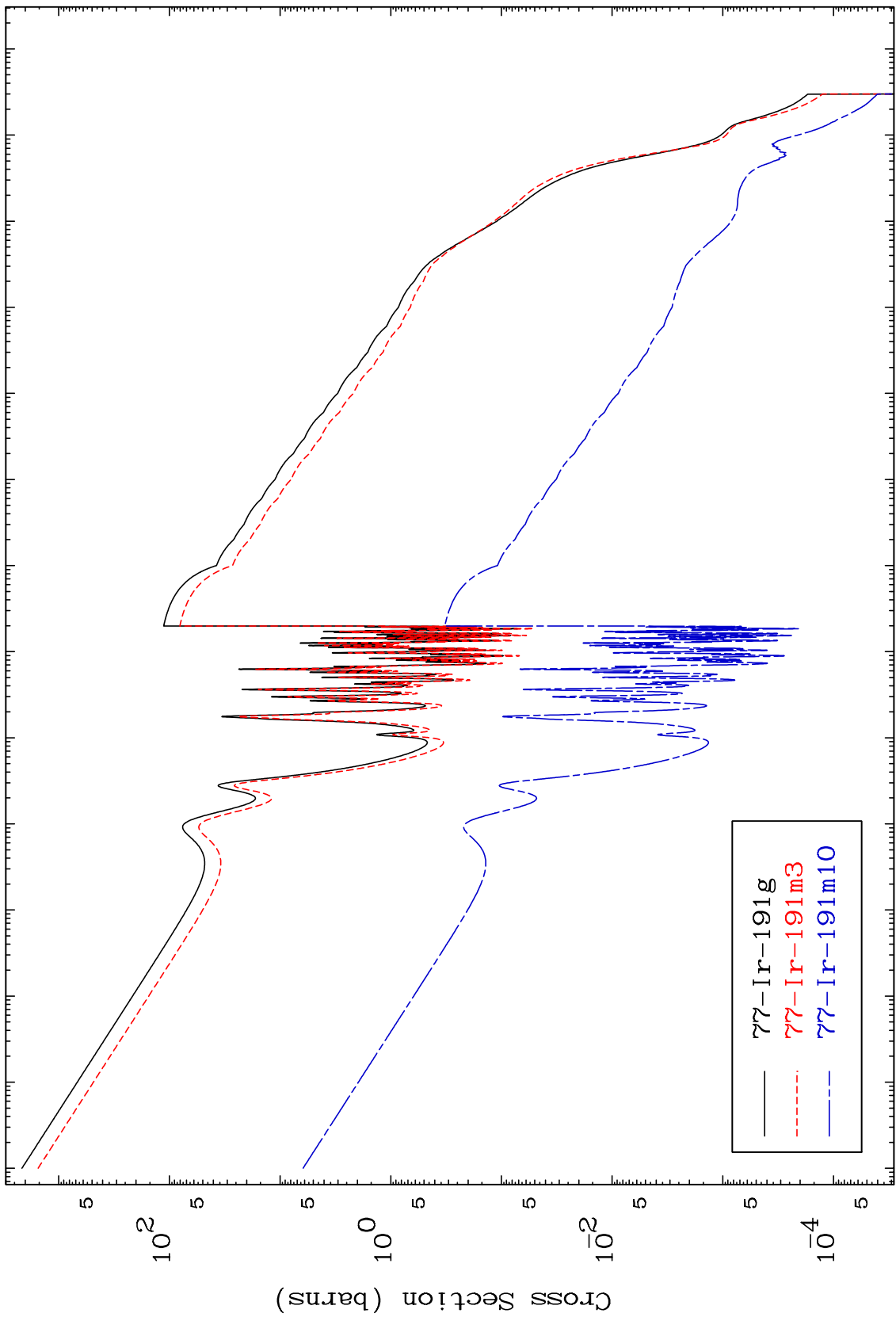
77-Ir-190

MAT 7722

<sup>77</sup>Ir-190

Radionuclide Production Cross Section

(n,γ)



<sup>77</sup>Ir-190

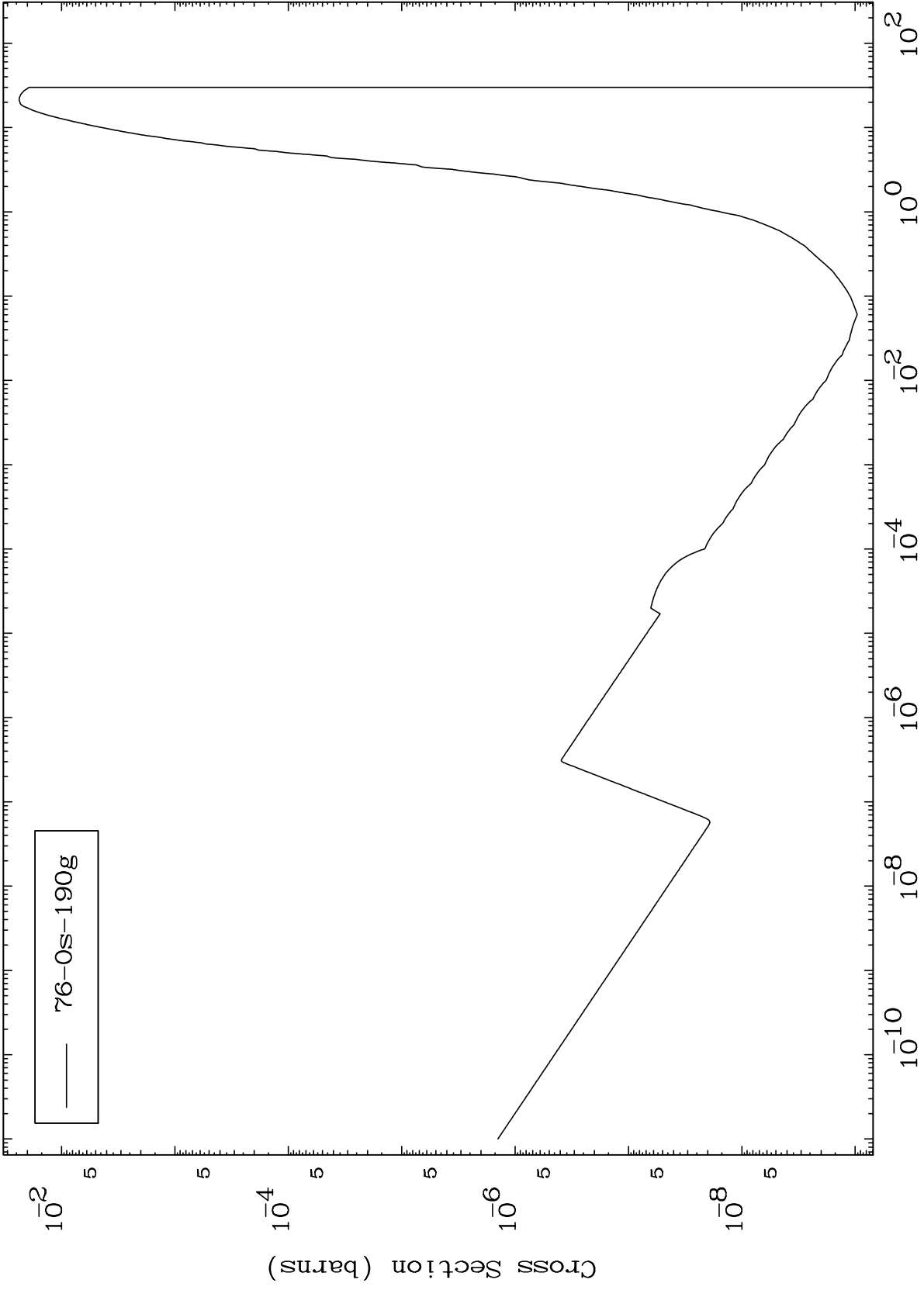
Incident Energy (MeV)

138

MAT 7722

77-Ir-190

(n,p)  
Radionuclide Production Cross Section



76-Os-190g

77-Ir-190

Incident Energy (MeV)

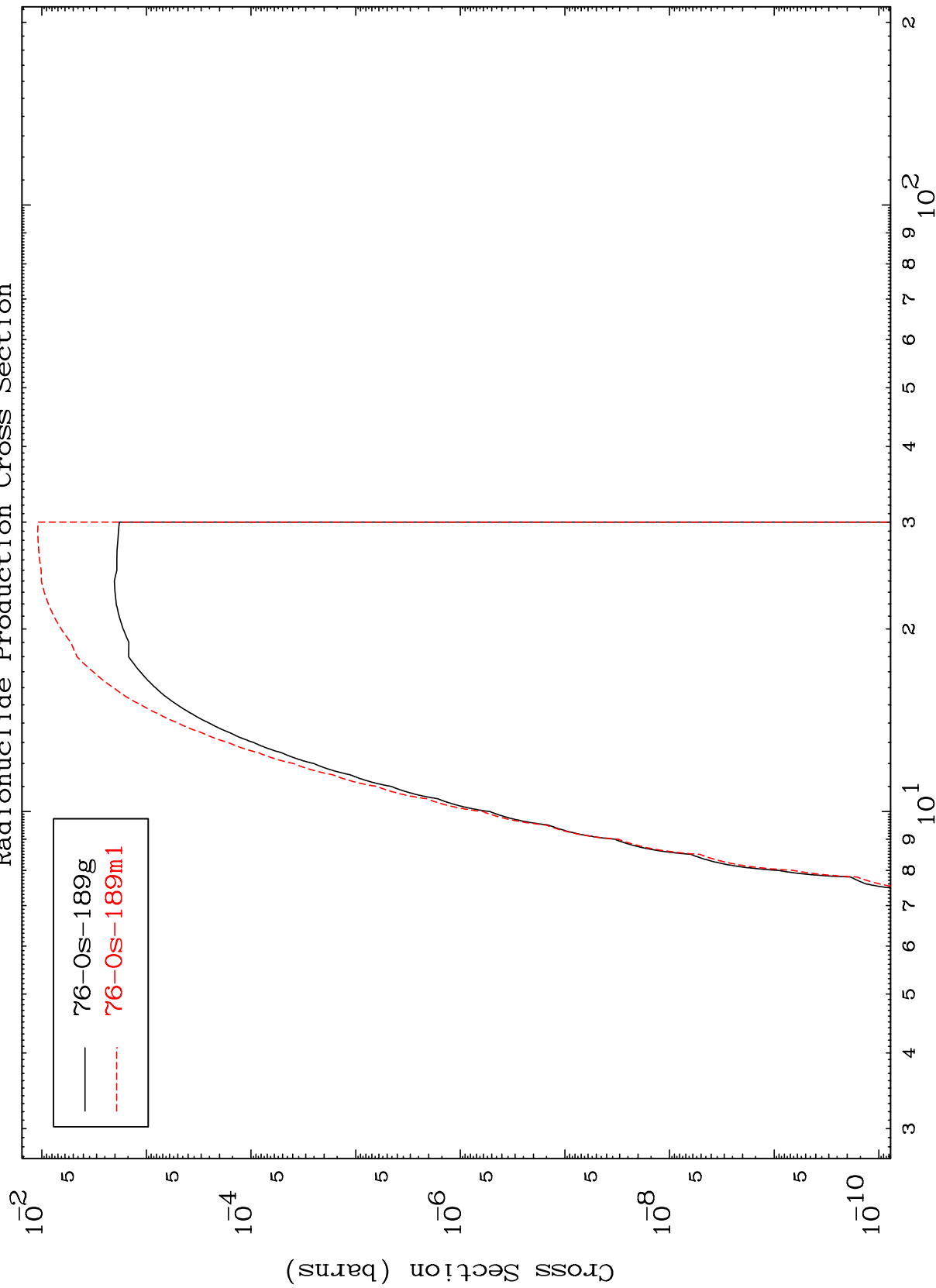
139

MAT 7722

<sup>77</sup>Ir-190

Radionuclide Production Cross Section

(n,d)



<sup>77</sup>Ir-190

Incident Energy (MeV)

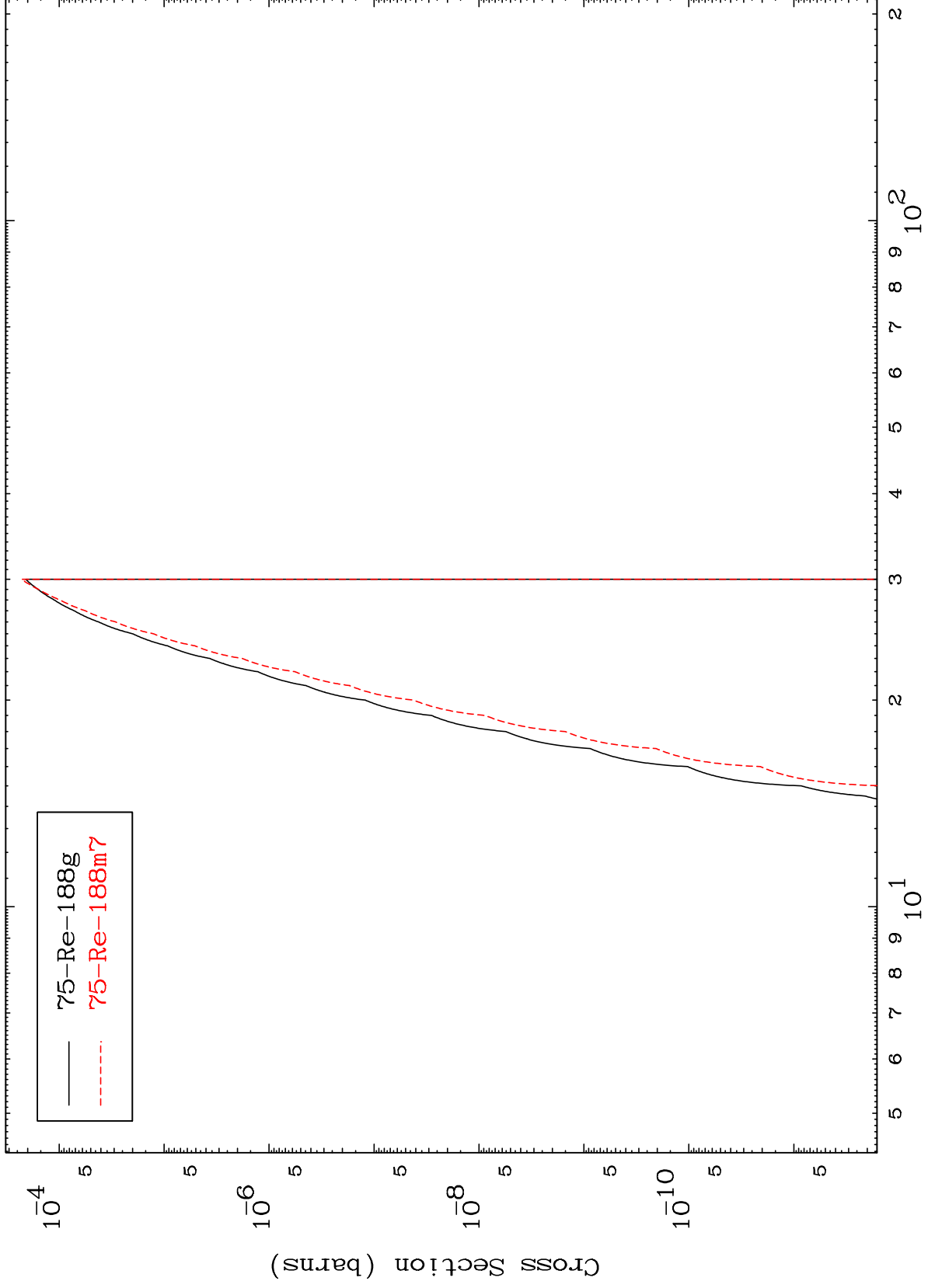
140

MAT 7722

(n,He-3)

77-Ir-190

Radionuclide Production Cross Section



141

77-Ir-190

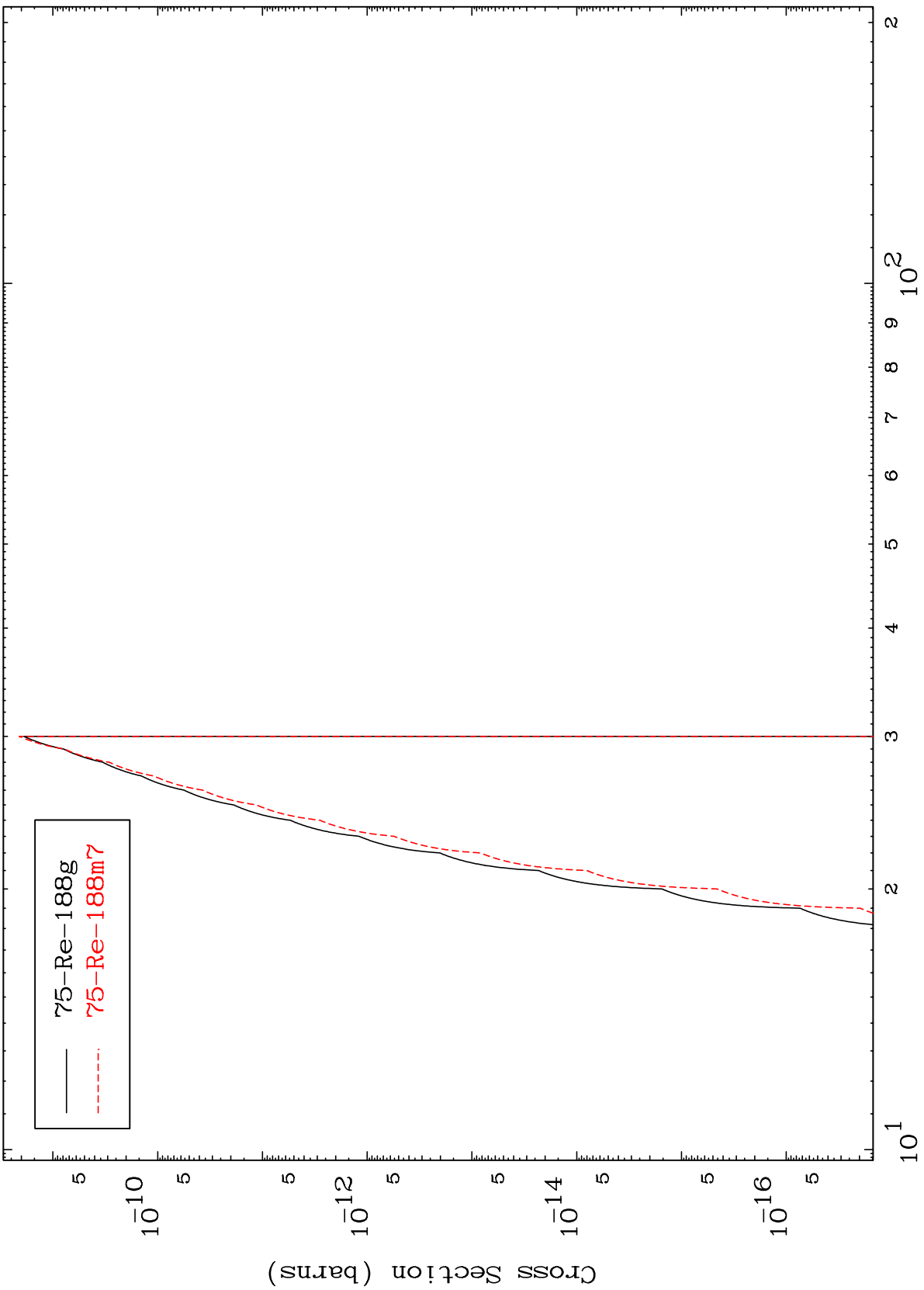
77-Ir-190

MAT 7722

(n,p) d

77-Ir-190

Radionuclide Production Cross Section



142

Incident Energy (MeV)

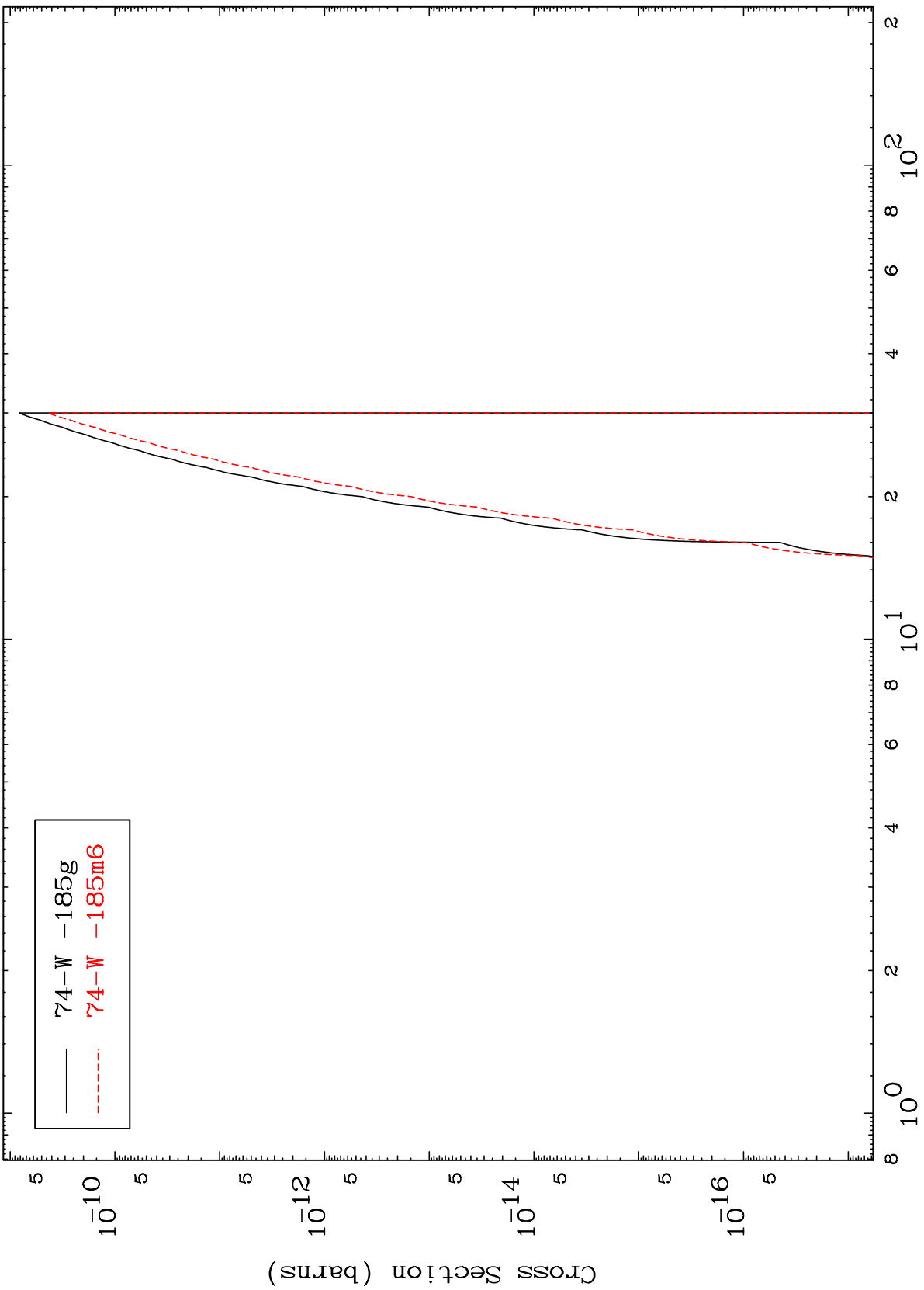
77-Ir-190

MAT 7722

(n,d)  $\alpha$

77-Ir-190

Radionuclide Production Cross Section



143

Incident Energy (MeV)

77-Ir-190