

Program EVALPLOT  
(Version 2018-1)

by

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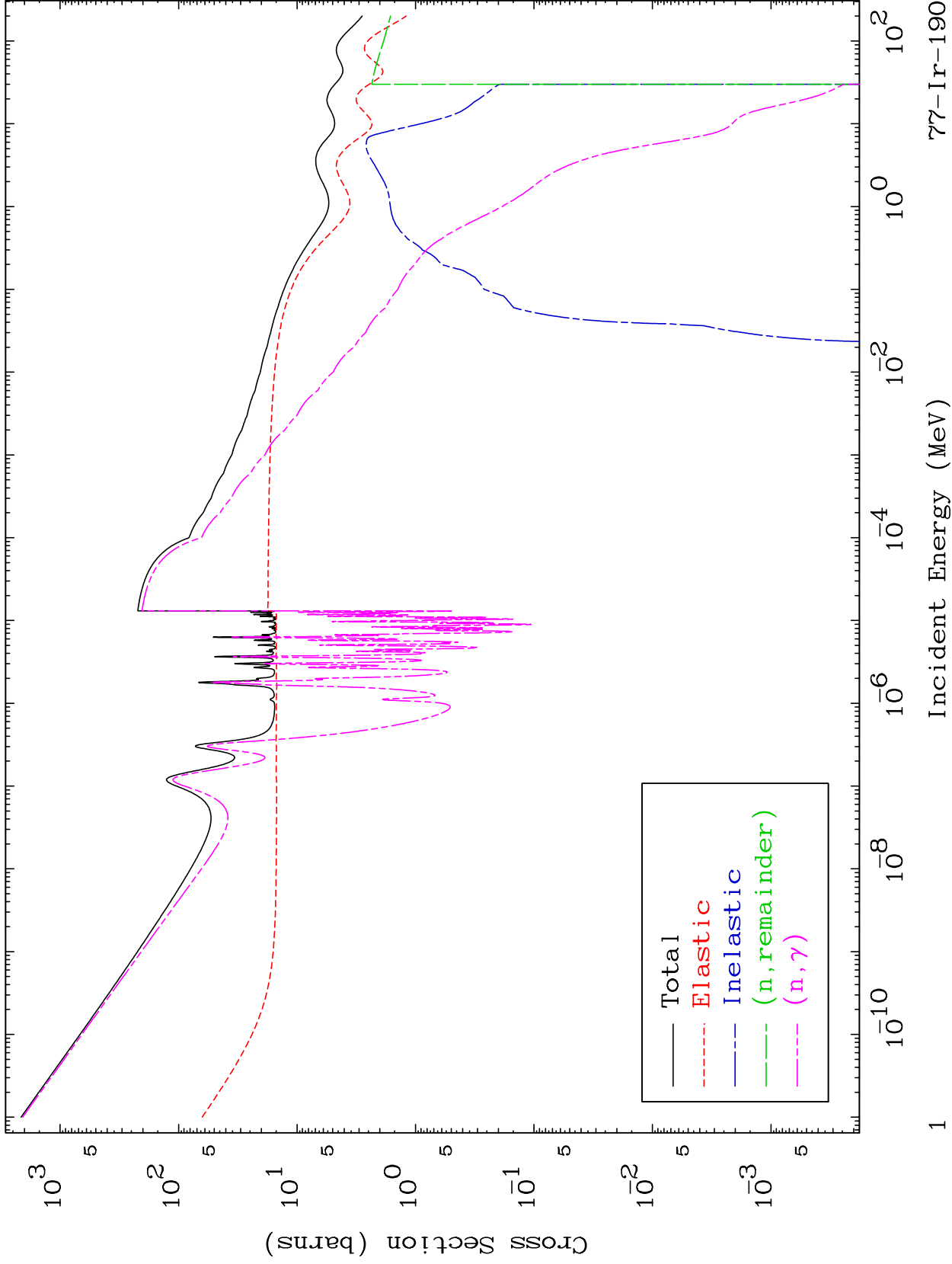
Press Mouse Button to Start

MAT 7722

Major

293 Kelvin Cross Sections

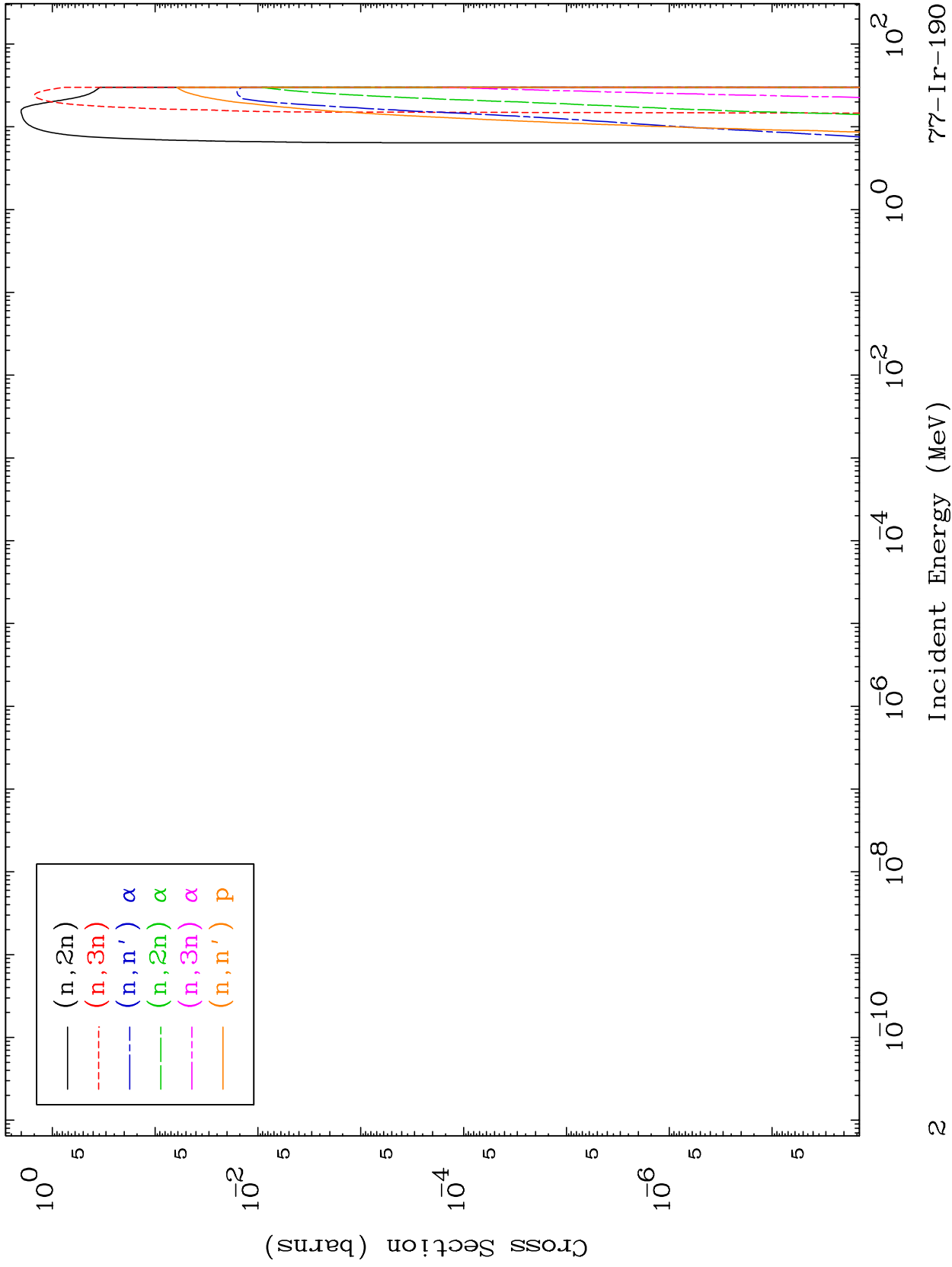
77-Ir-190

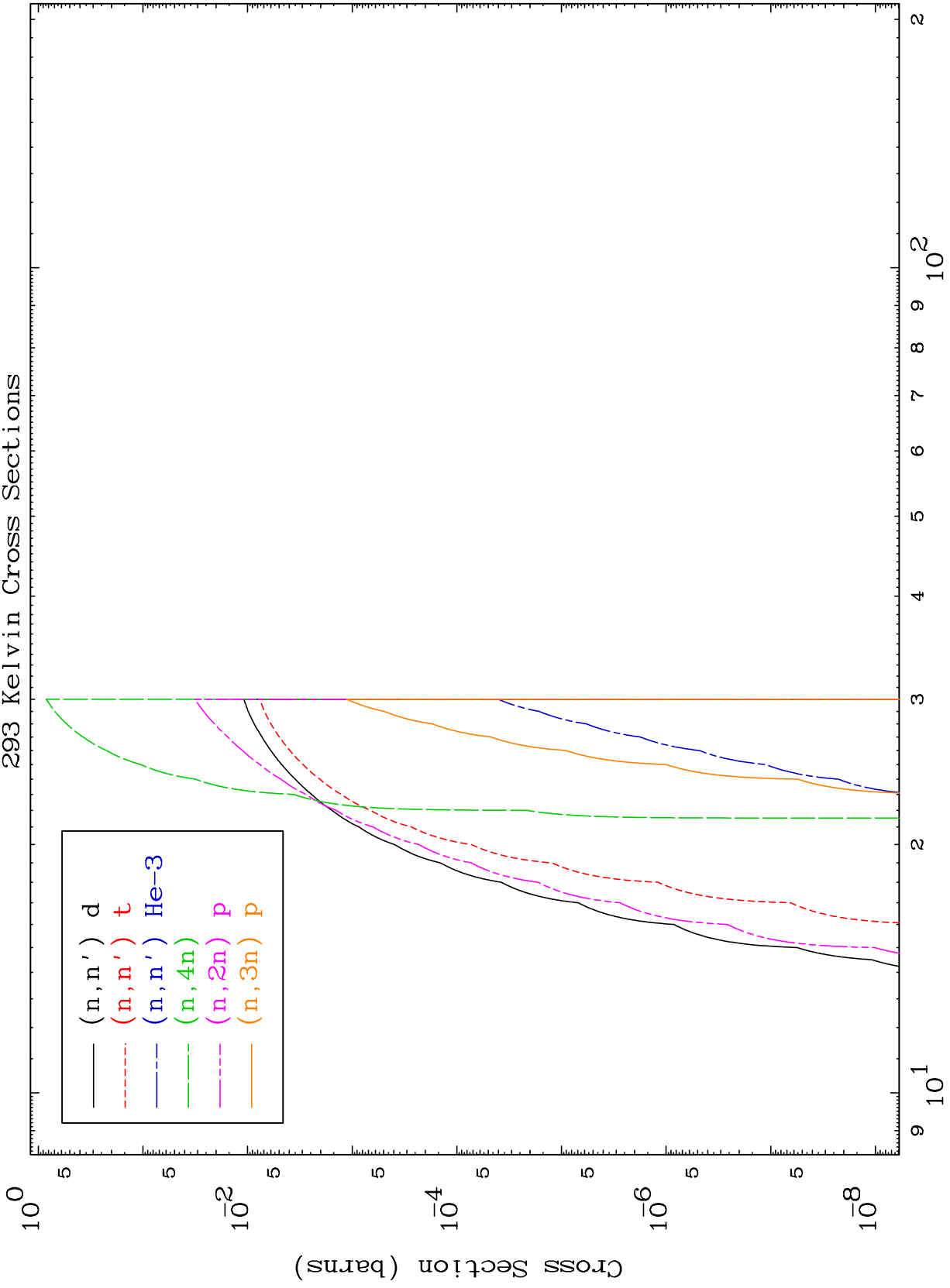


MAT 7722

Neutron Production  
293 Kelvin Cross Sections

77-Ir-190

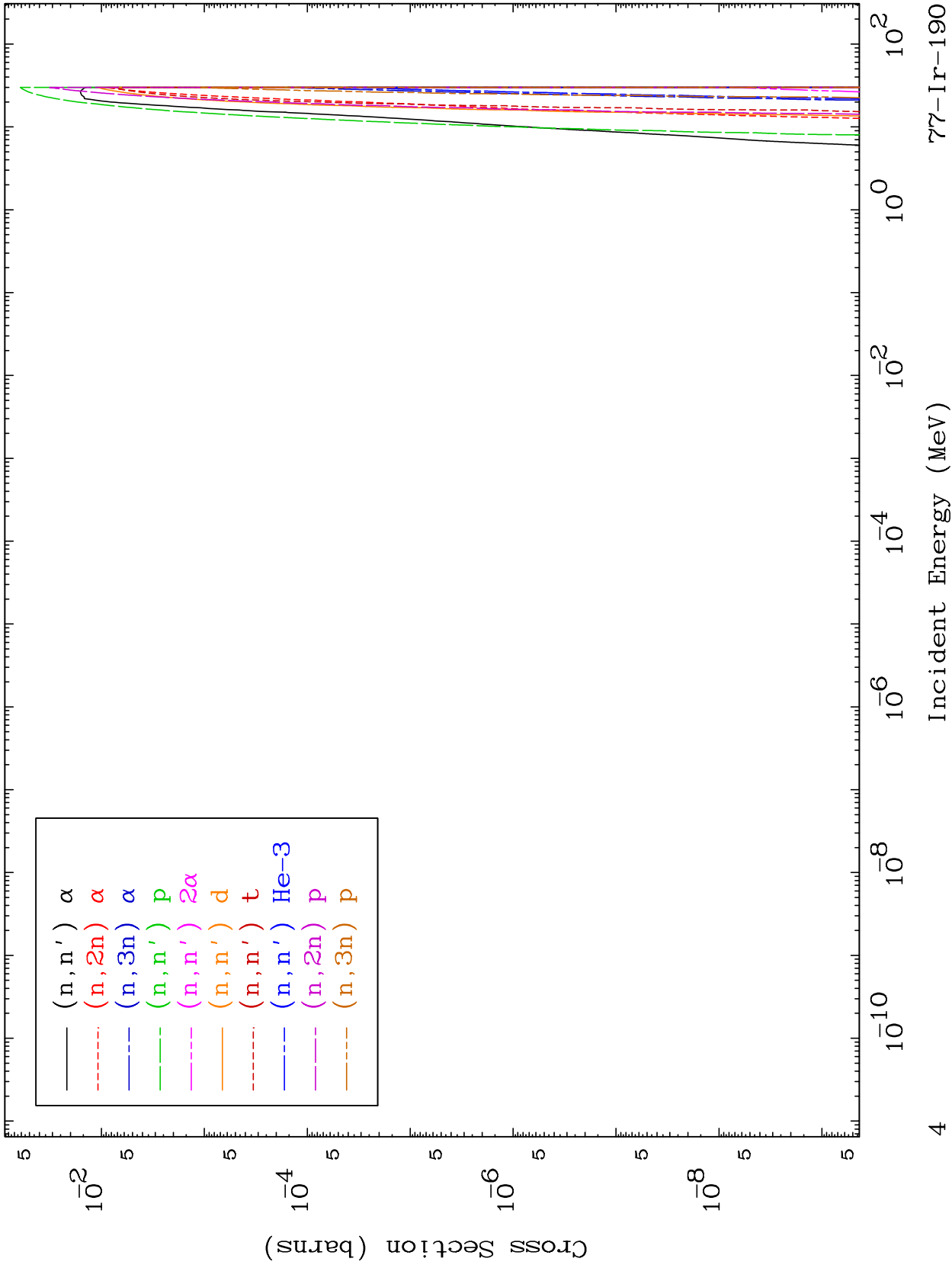




MAT 7722

Charged Particle  
293 Kelvin Cross Sections

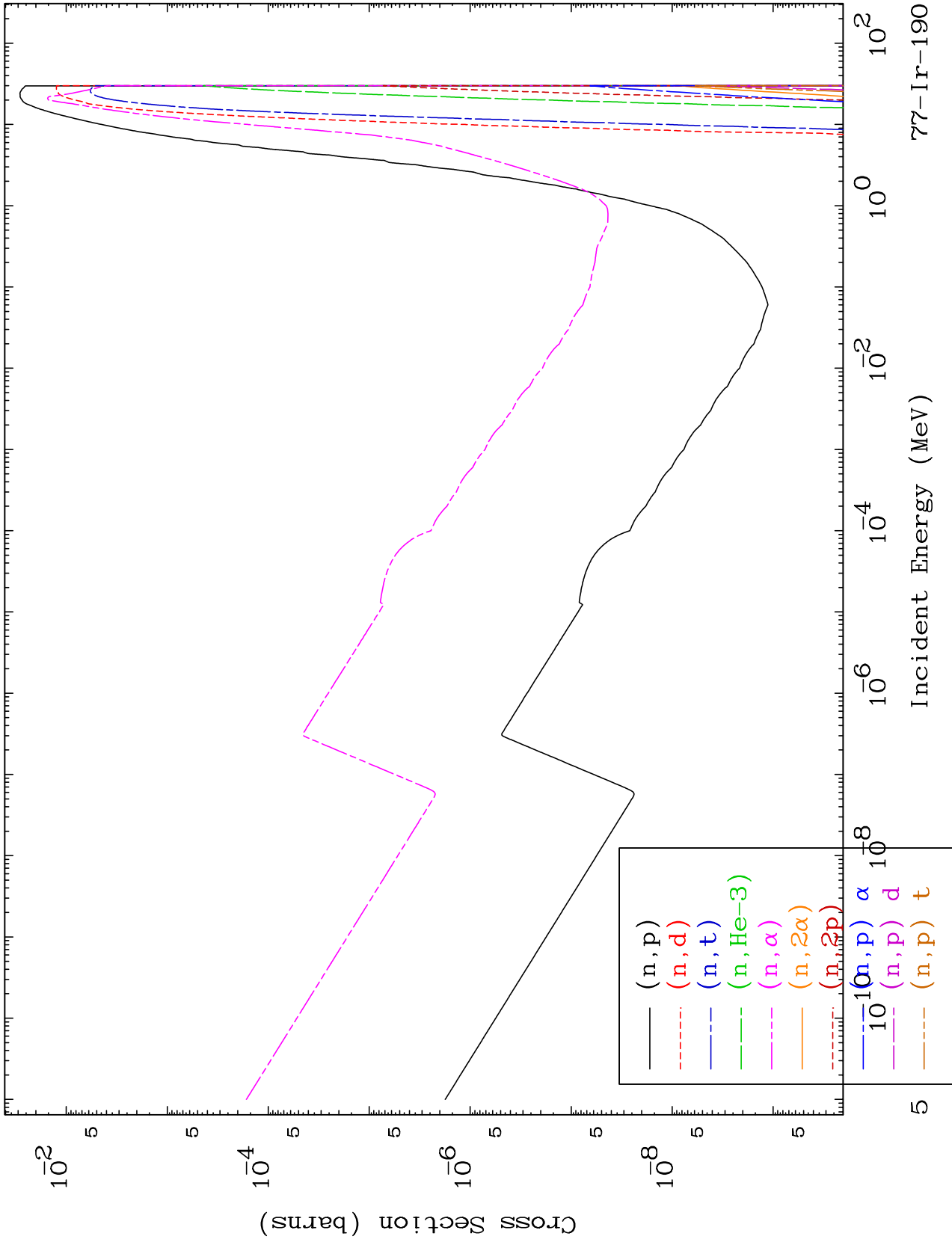
77-Ir-190

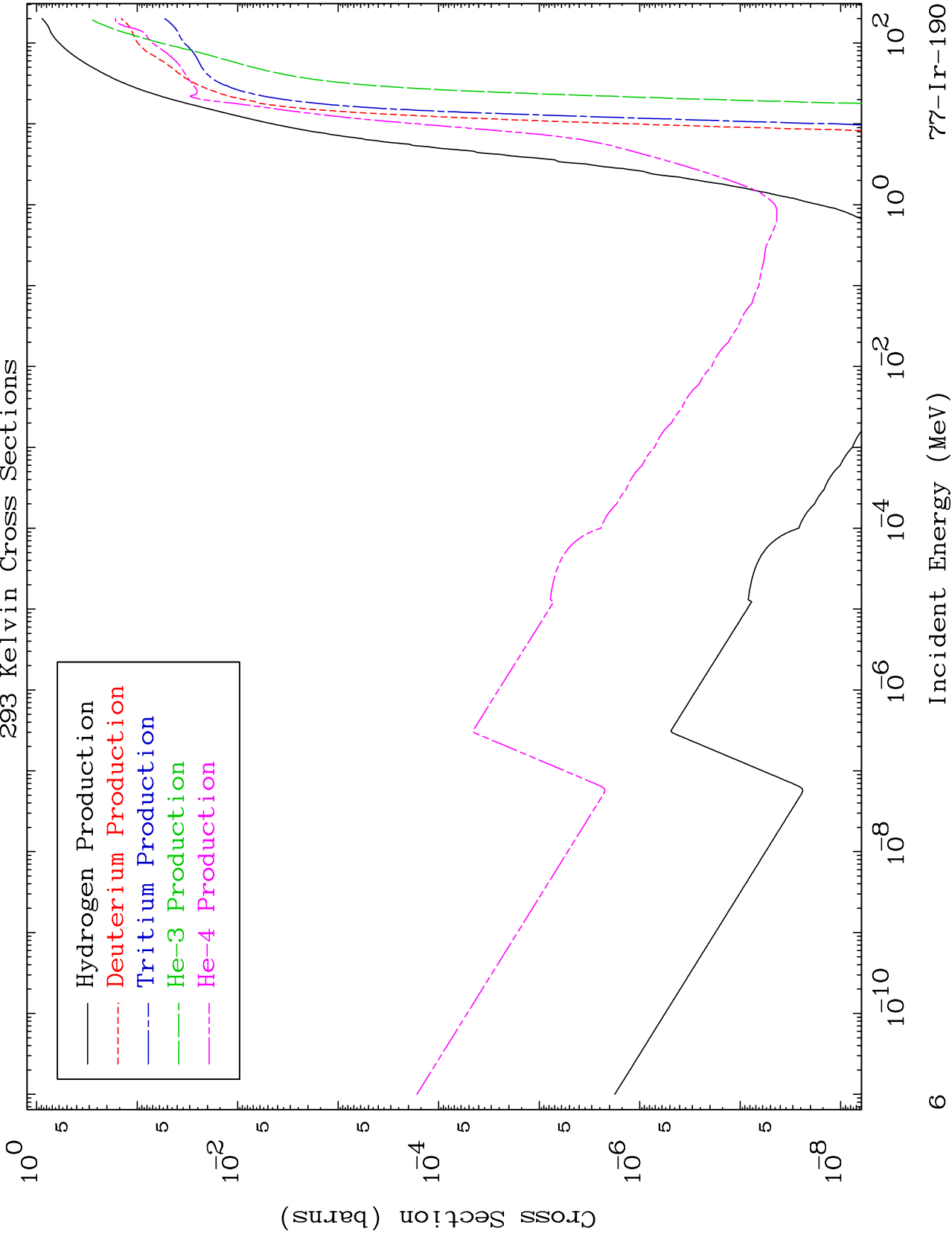


MAT 7722

Charged Particle  
293 Kelvin Cross Sections

77-Ir-190

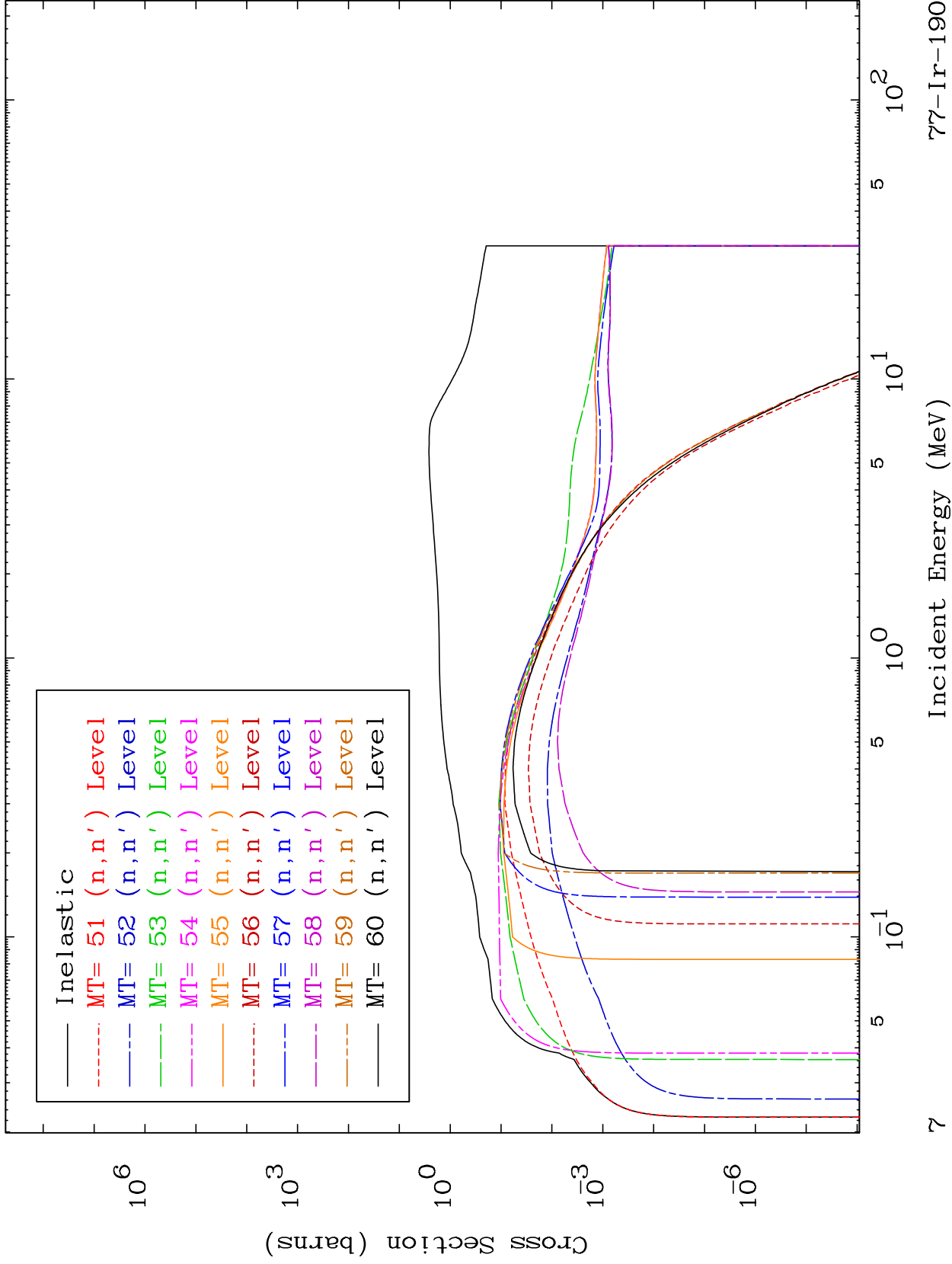




MAT 7722

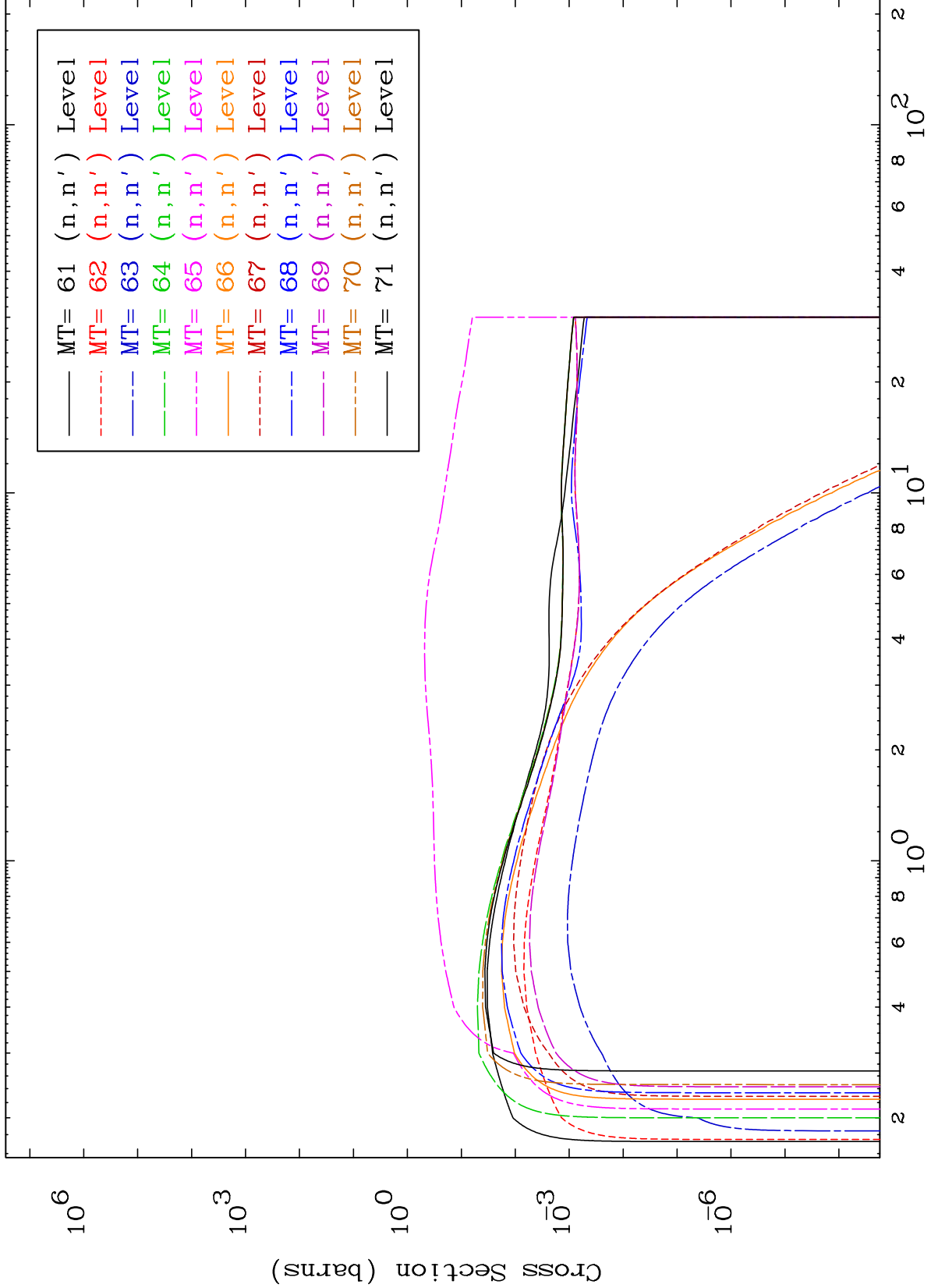
293 Kelvin Cross Sections

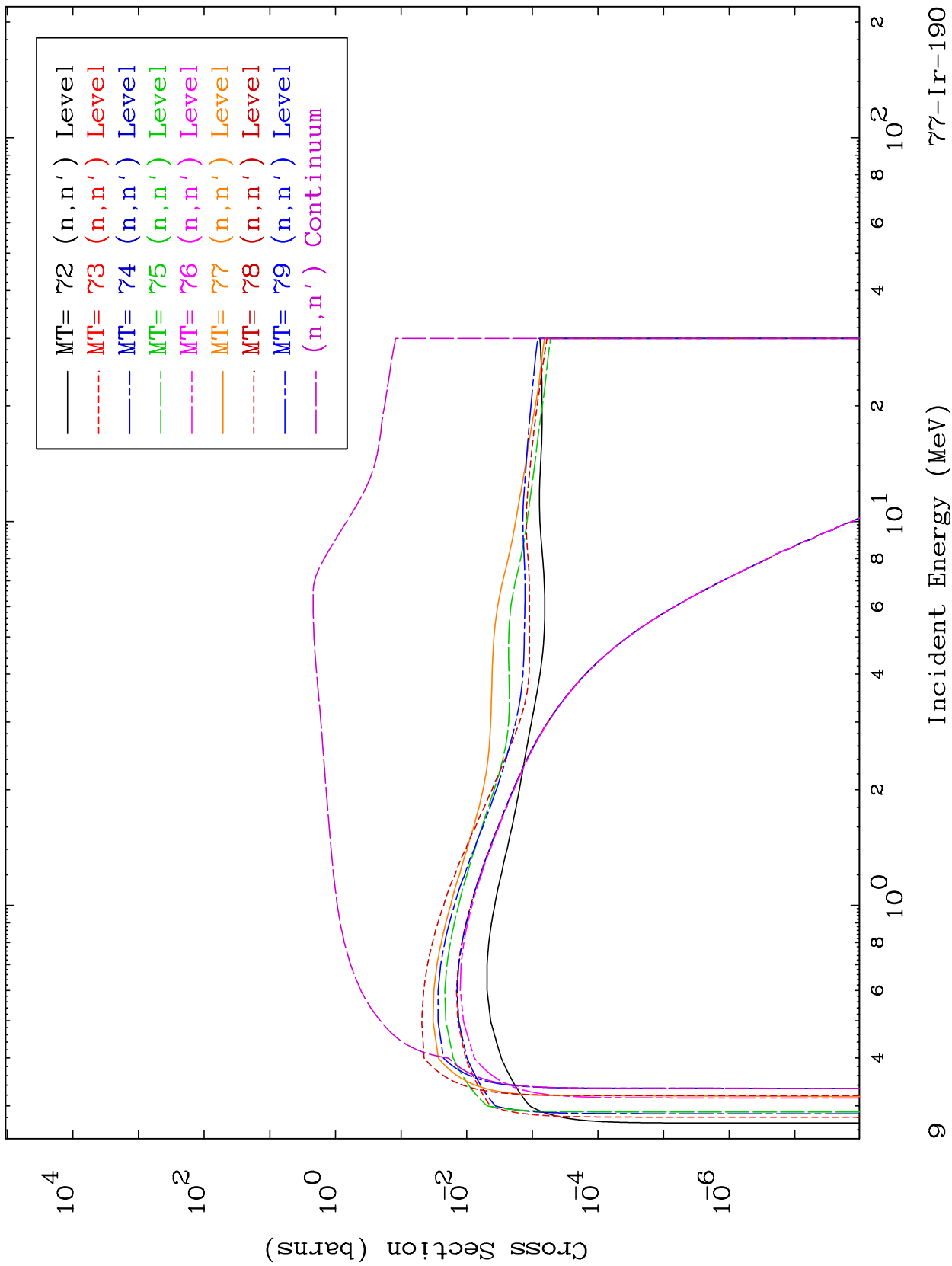
77-Ir-190





293 Kelvin Cross Sections

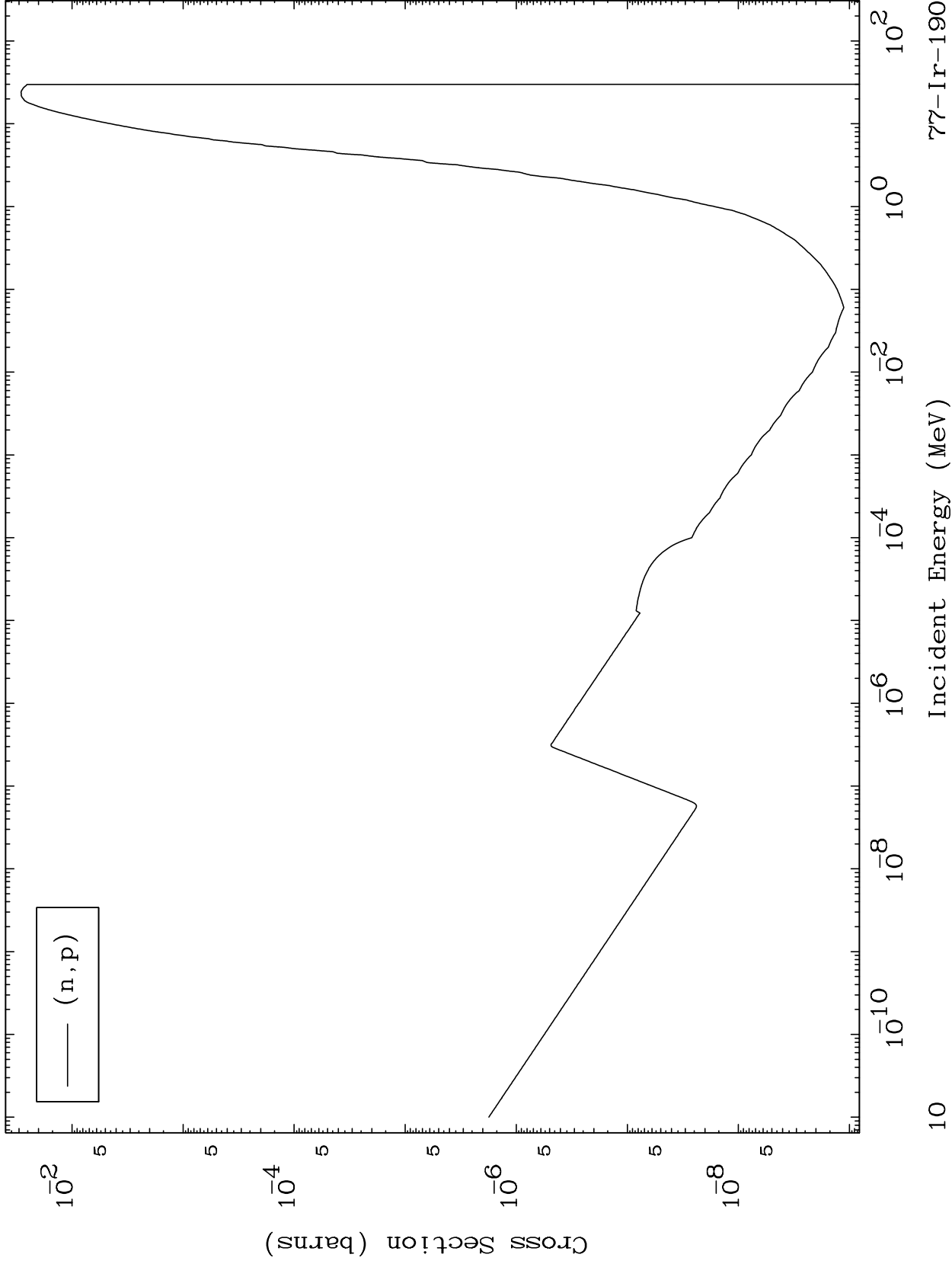




MAT 7722

(n,p) Levels  
293 Kelvin Cross Sections

77-Ir-190



(n,p)

10

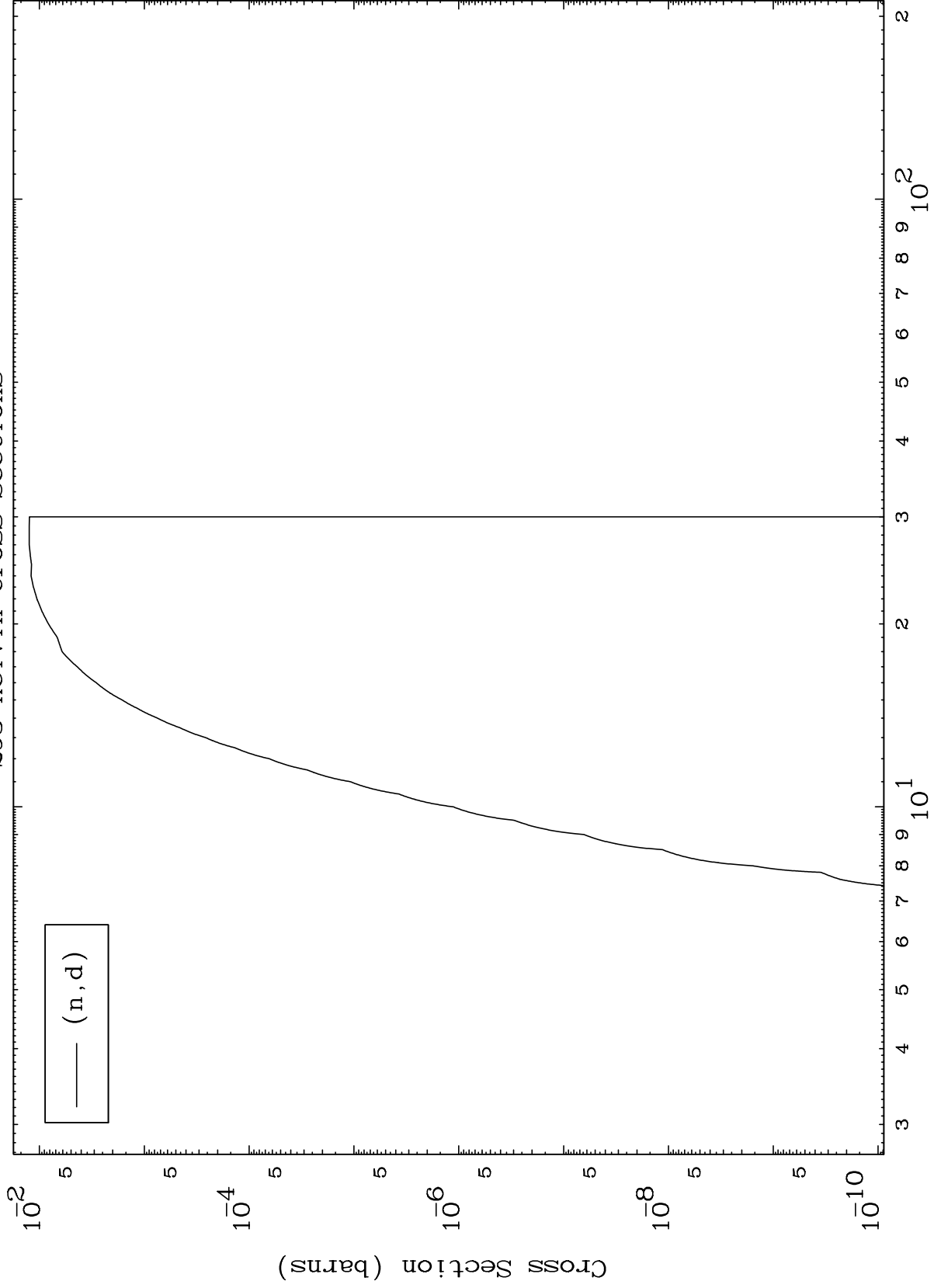
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-190



11

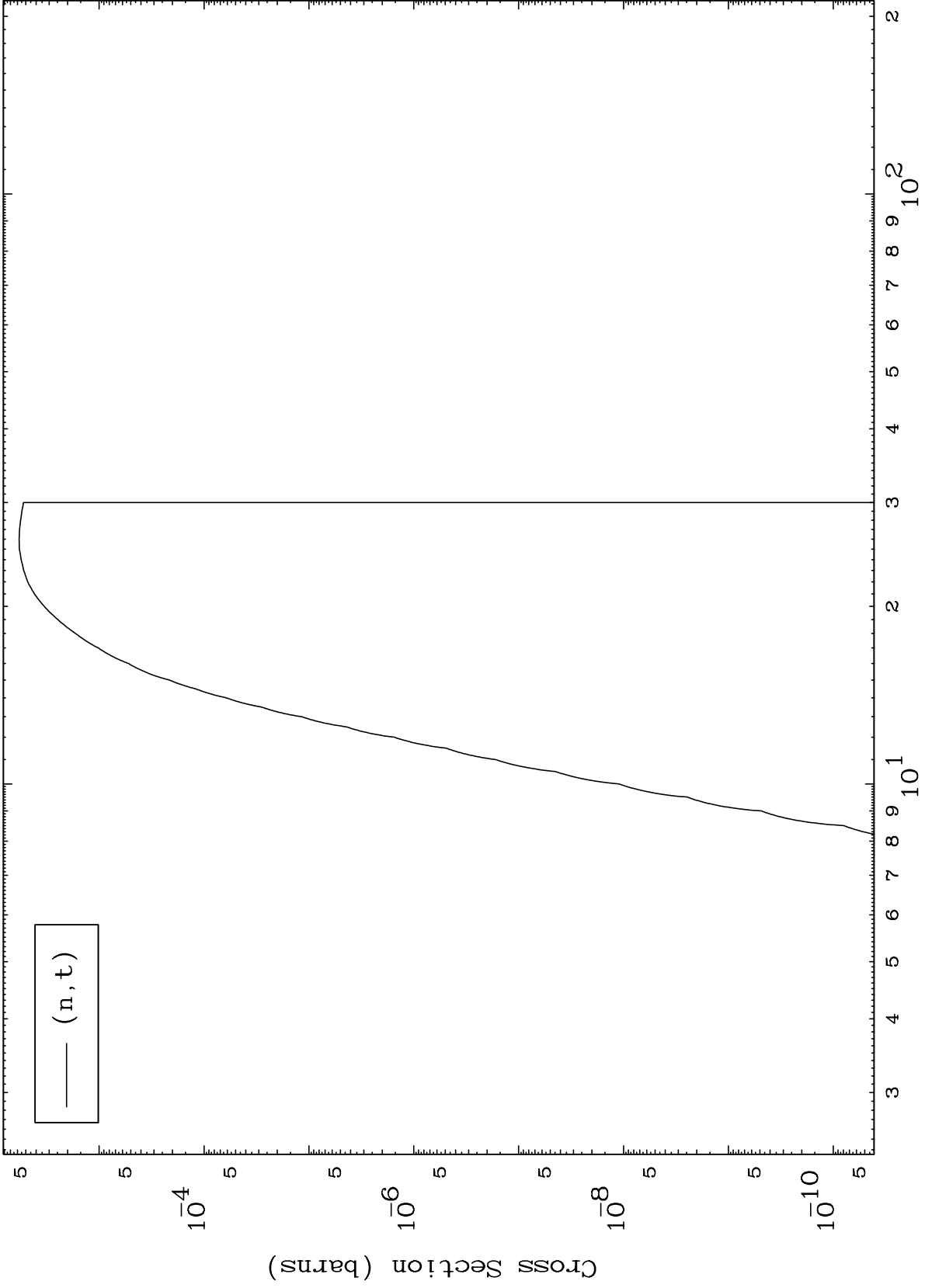
Incident Energy (MeV)

77-Ir-190

MAT 7722

(n,t) Levels  
293 Kelvin Cross Sections

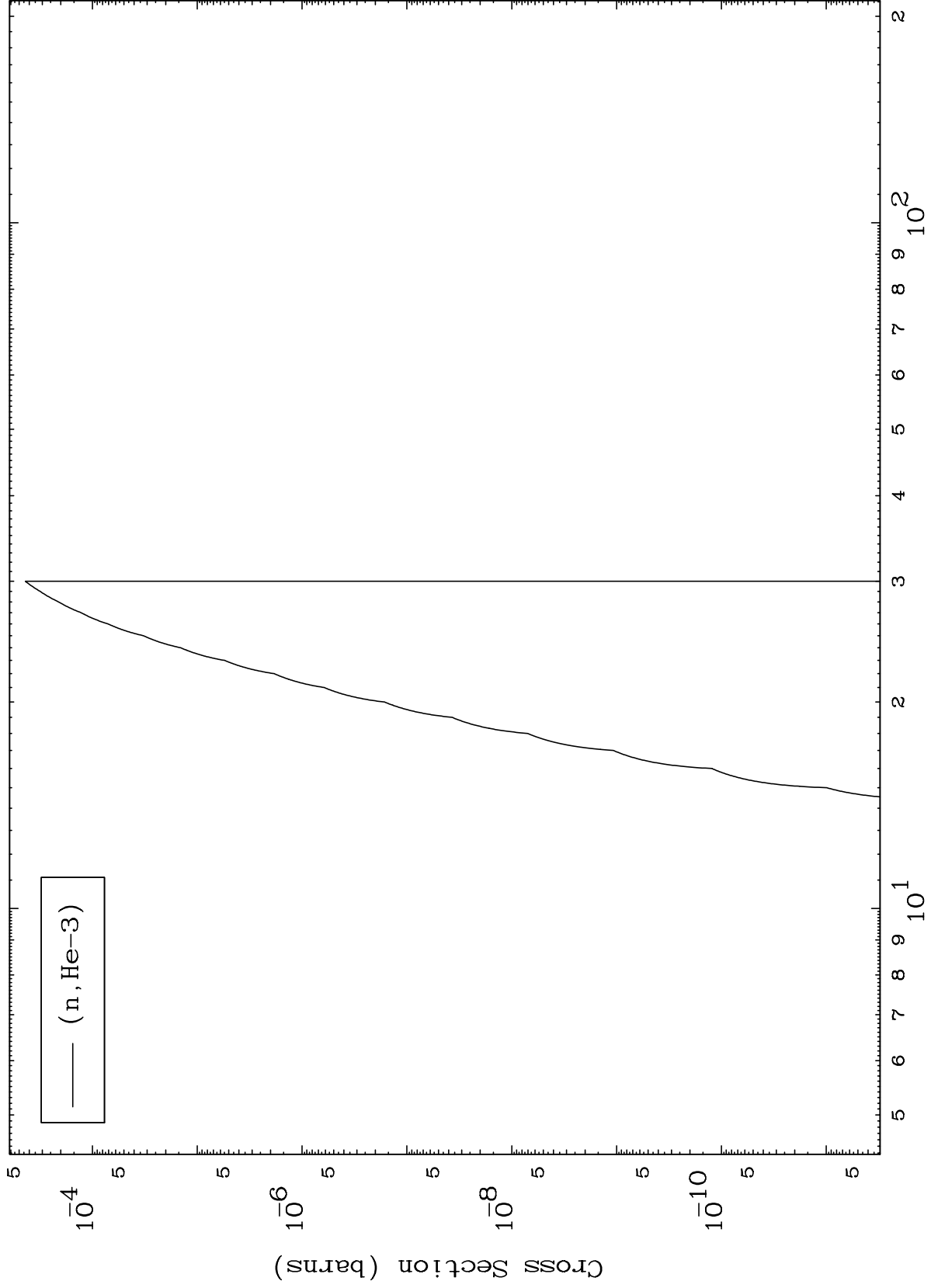
77-Ir-190



MAT 7722

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-190



13

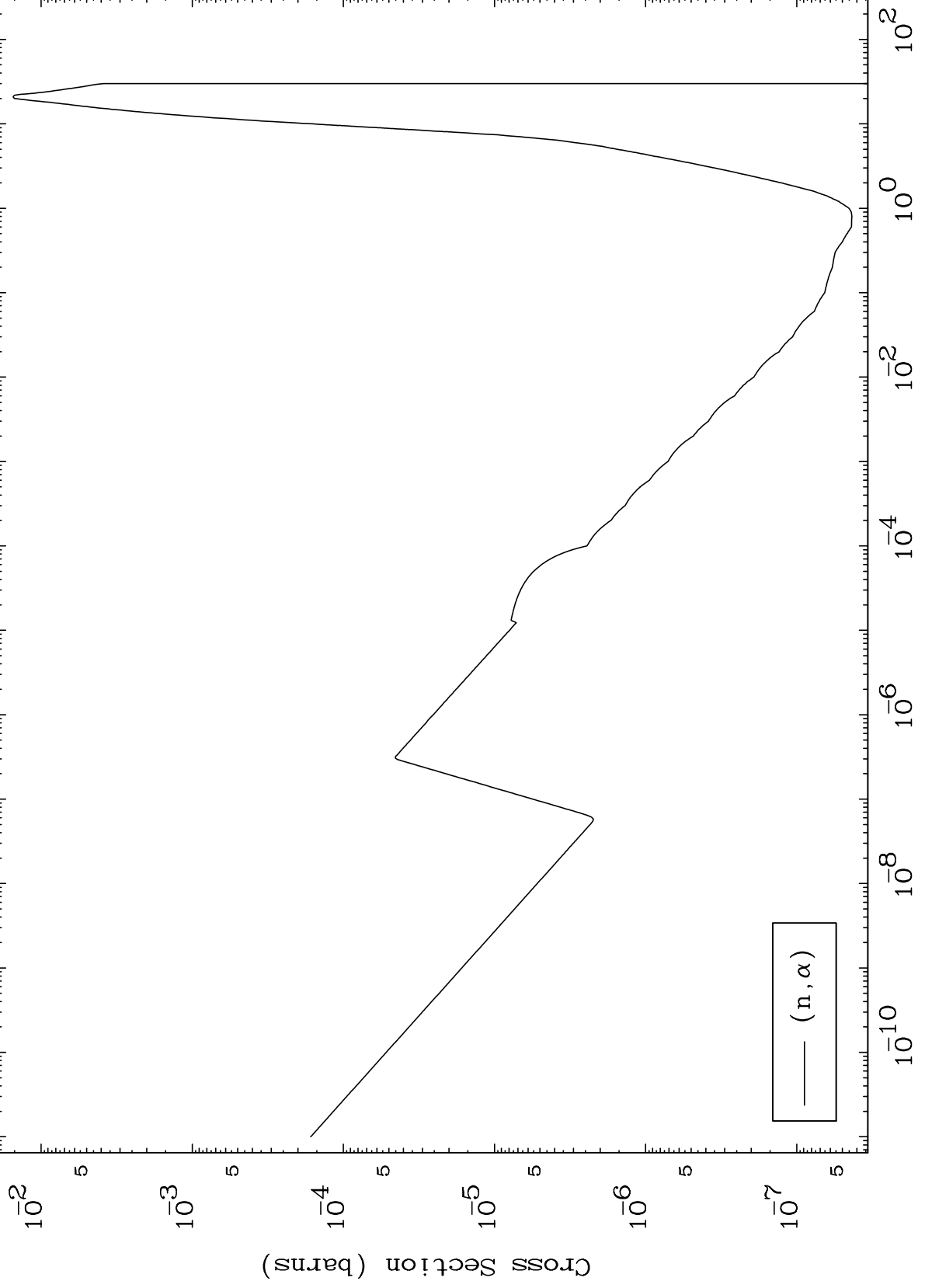
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

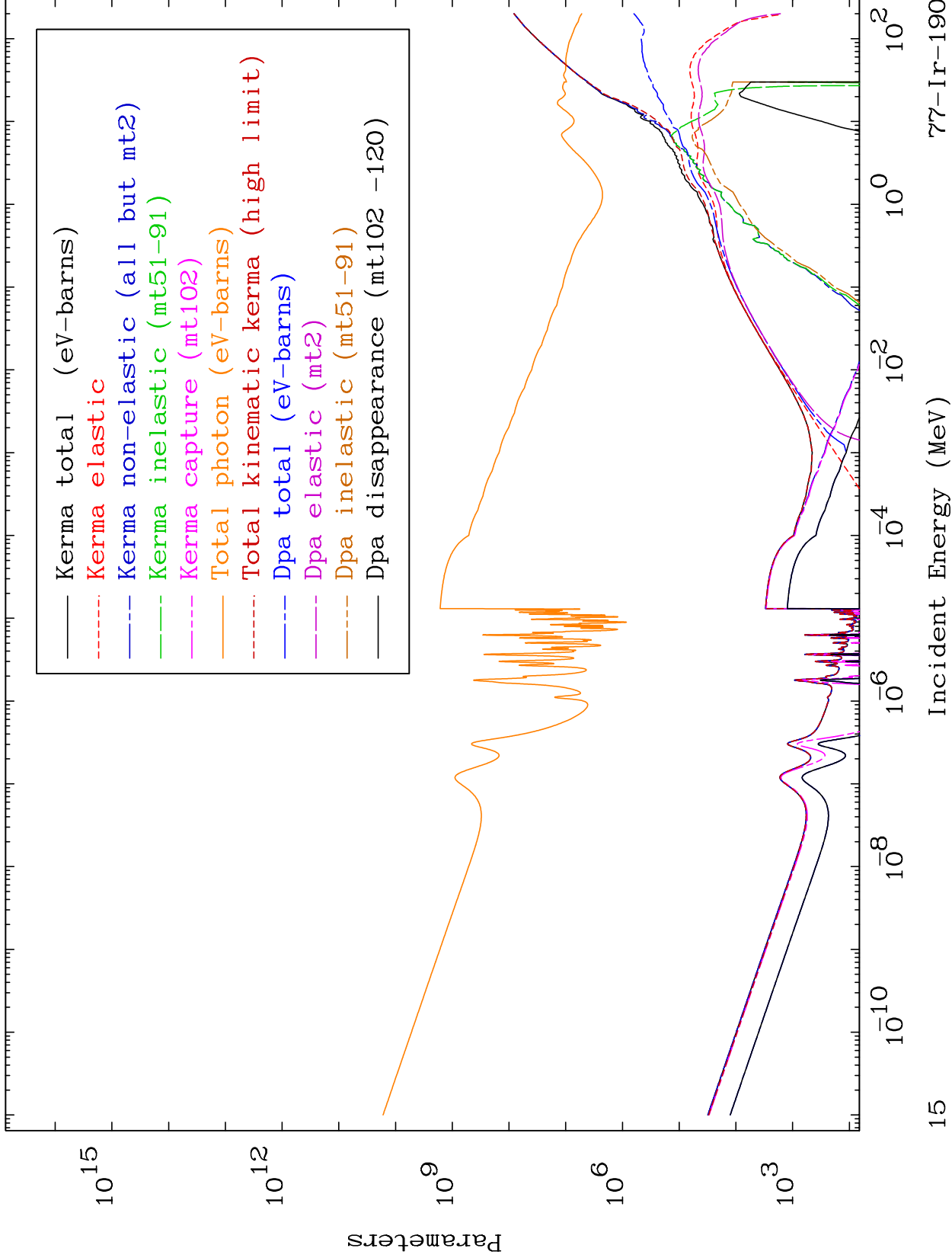
77-Ir-190



14

Incident Energy (MeV)

77-Ir-190

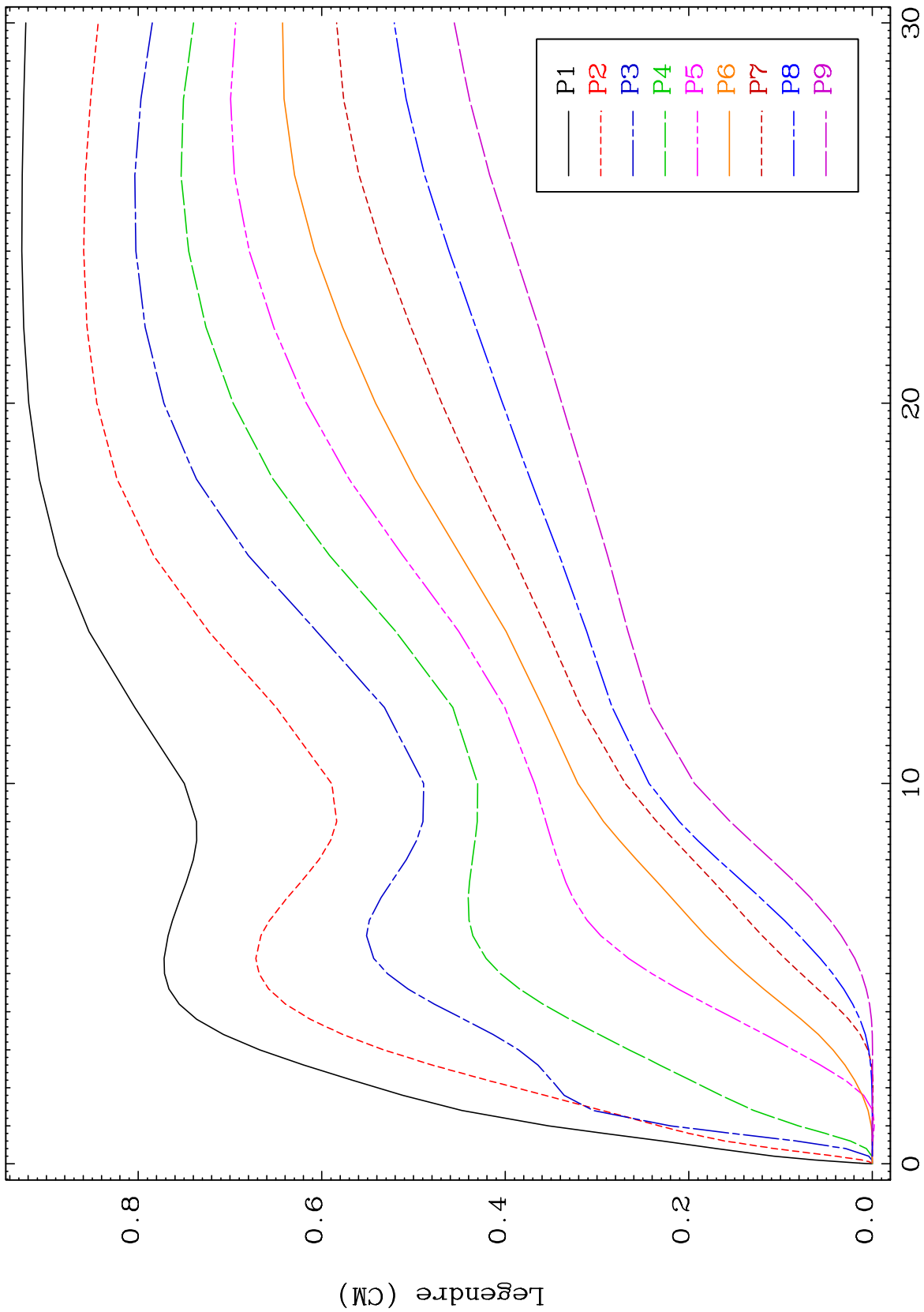




MAT 7722

77-Ir-190

Elastic Legendre Coefficients



16

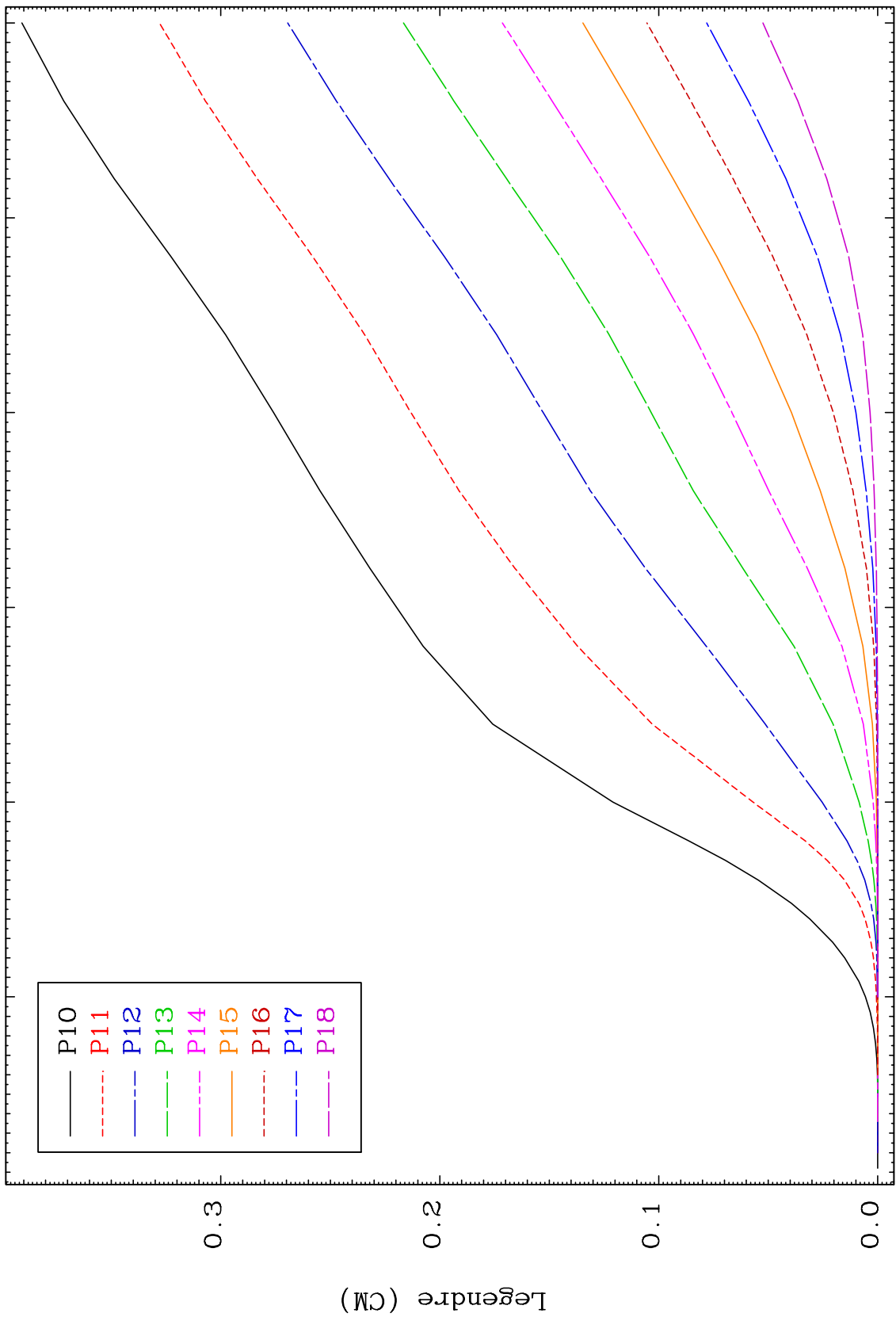
Incident Energy (MeV)

77-Ir-190

MAT 7722

Elastic Legendre Coefficients

<sup>77</sup>Ir-190



17

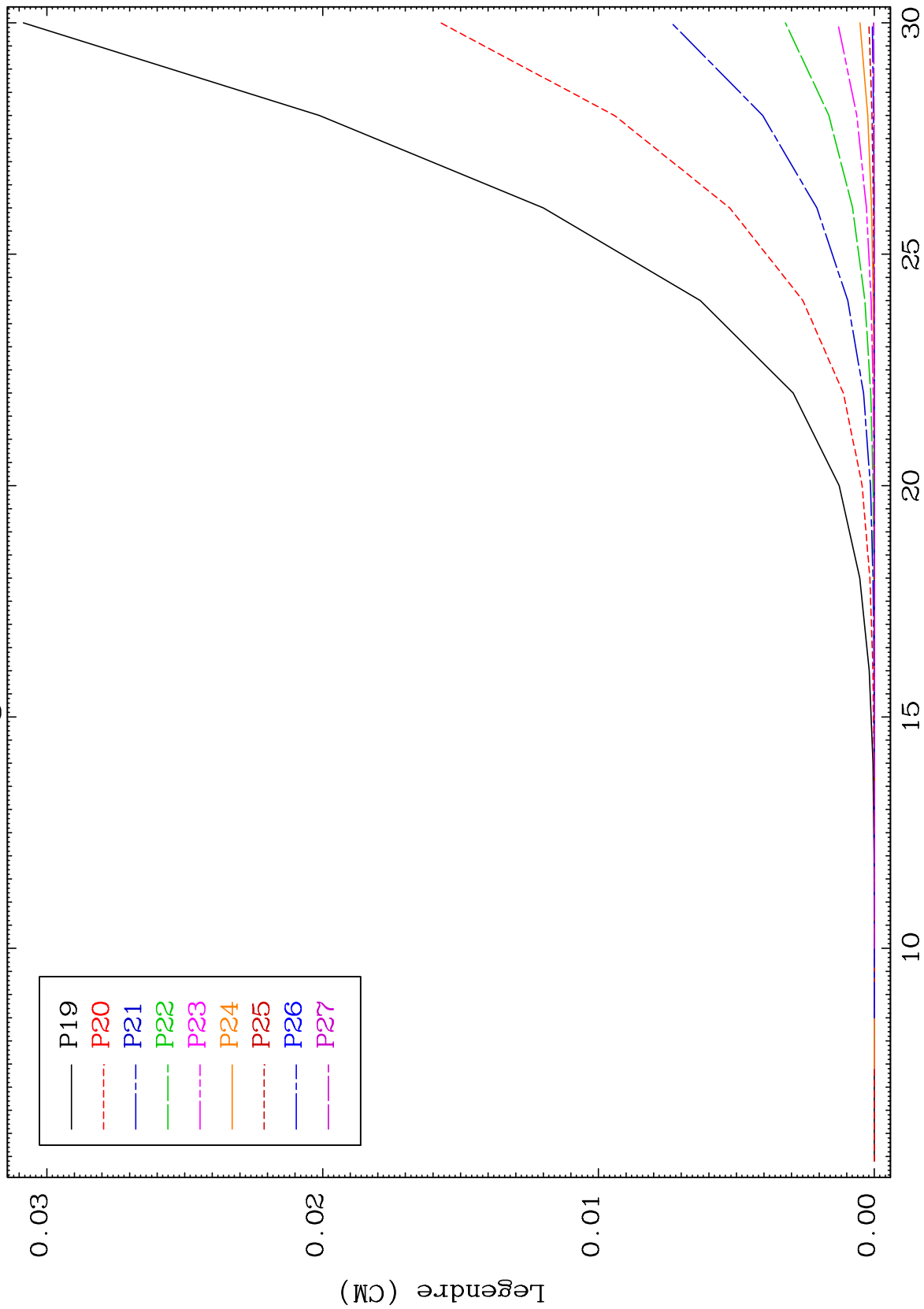
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

Elastic  
Legendre Coefficients

77-Ir-190



18

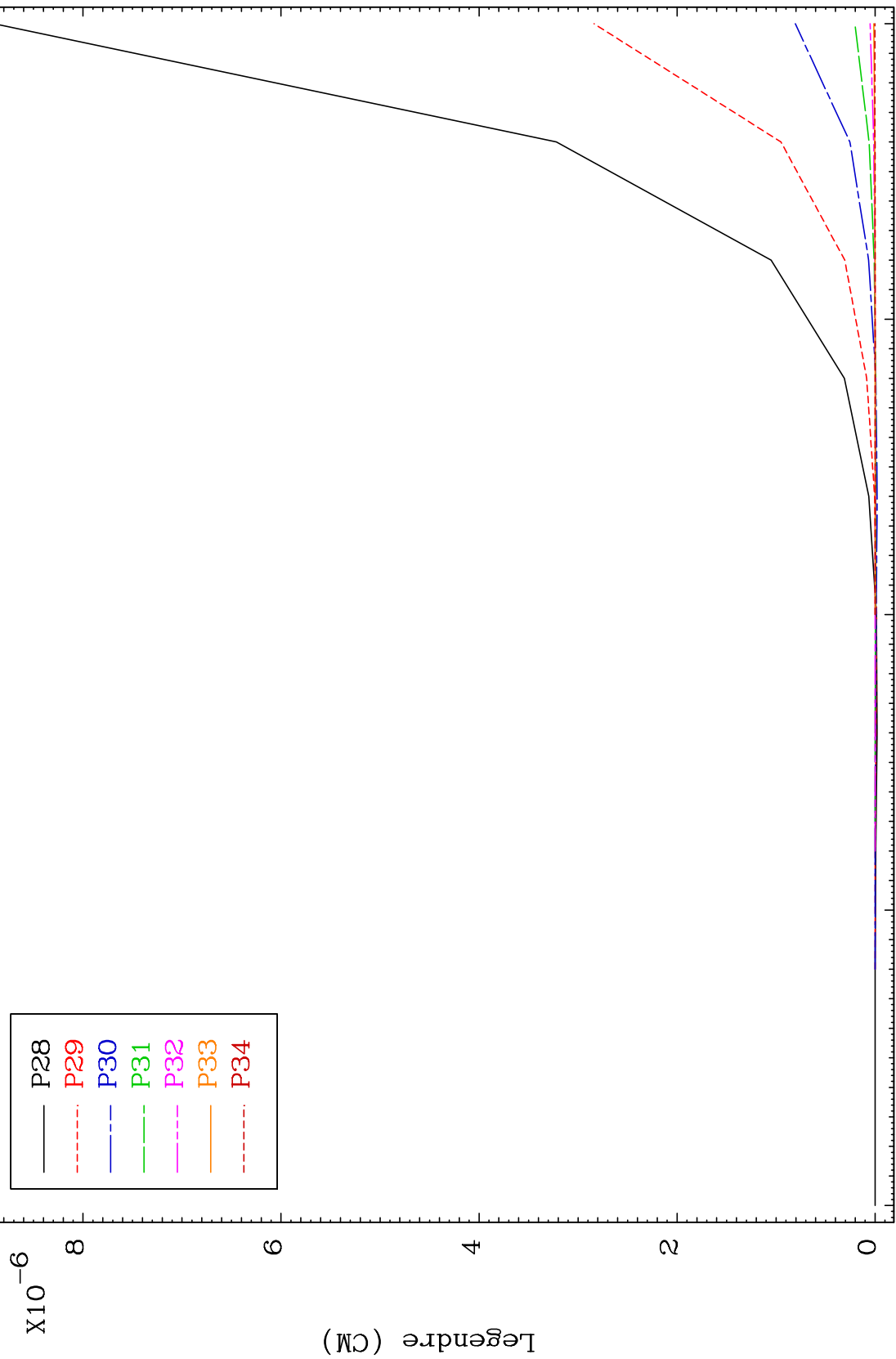
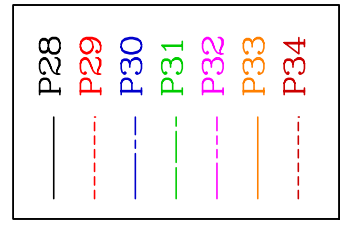
Incident Energy (MeV)

77-Ir-190

MAT 7722

Elastic  
Legendre Coefficients

77-Ir-190



77-Ir-190

Incident Energy (MeV)

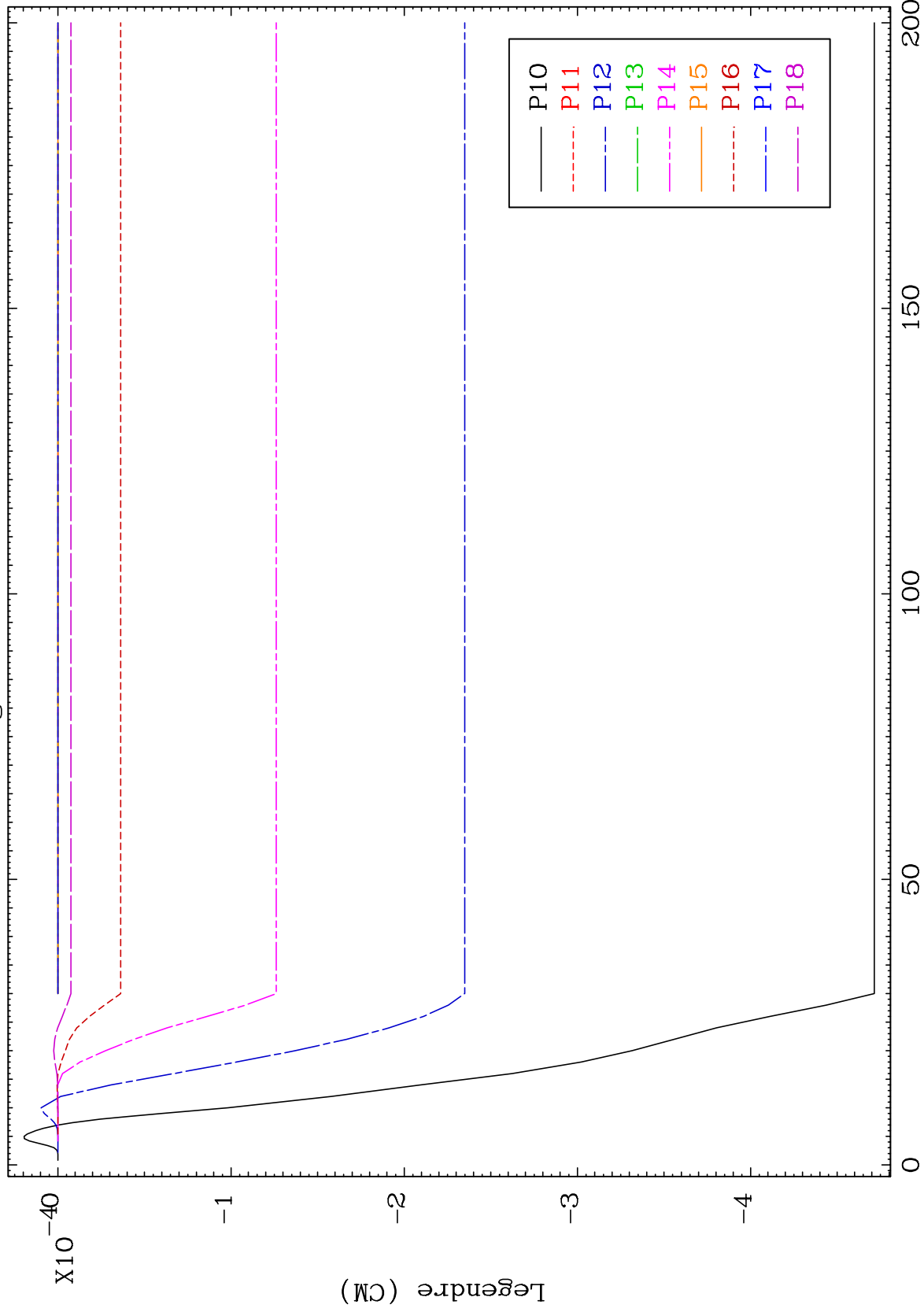
19



MAT 7722

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

77-Ir-190



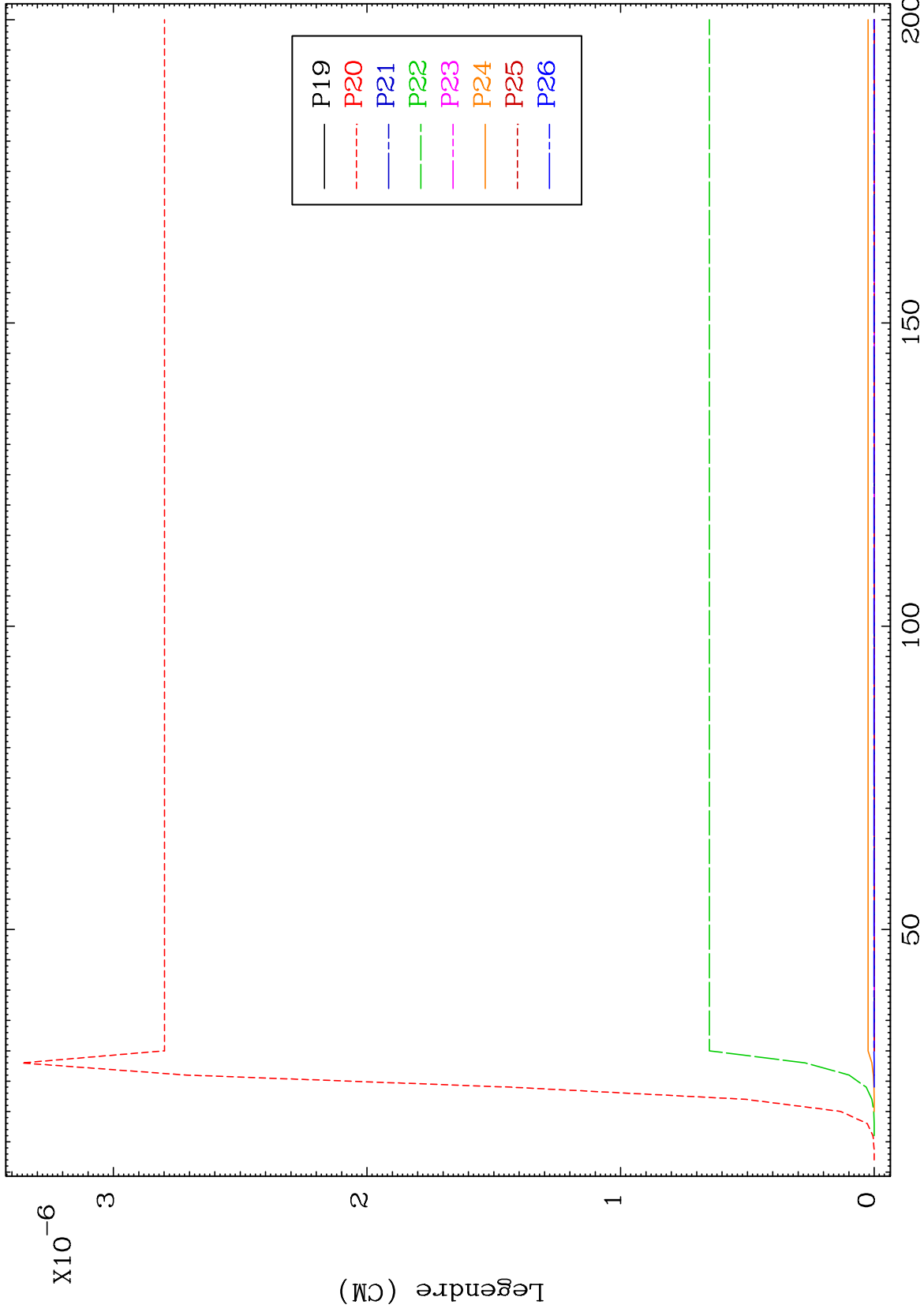
21

77-Ir-190

MAT 7722

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

77-Ir-190



22

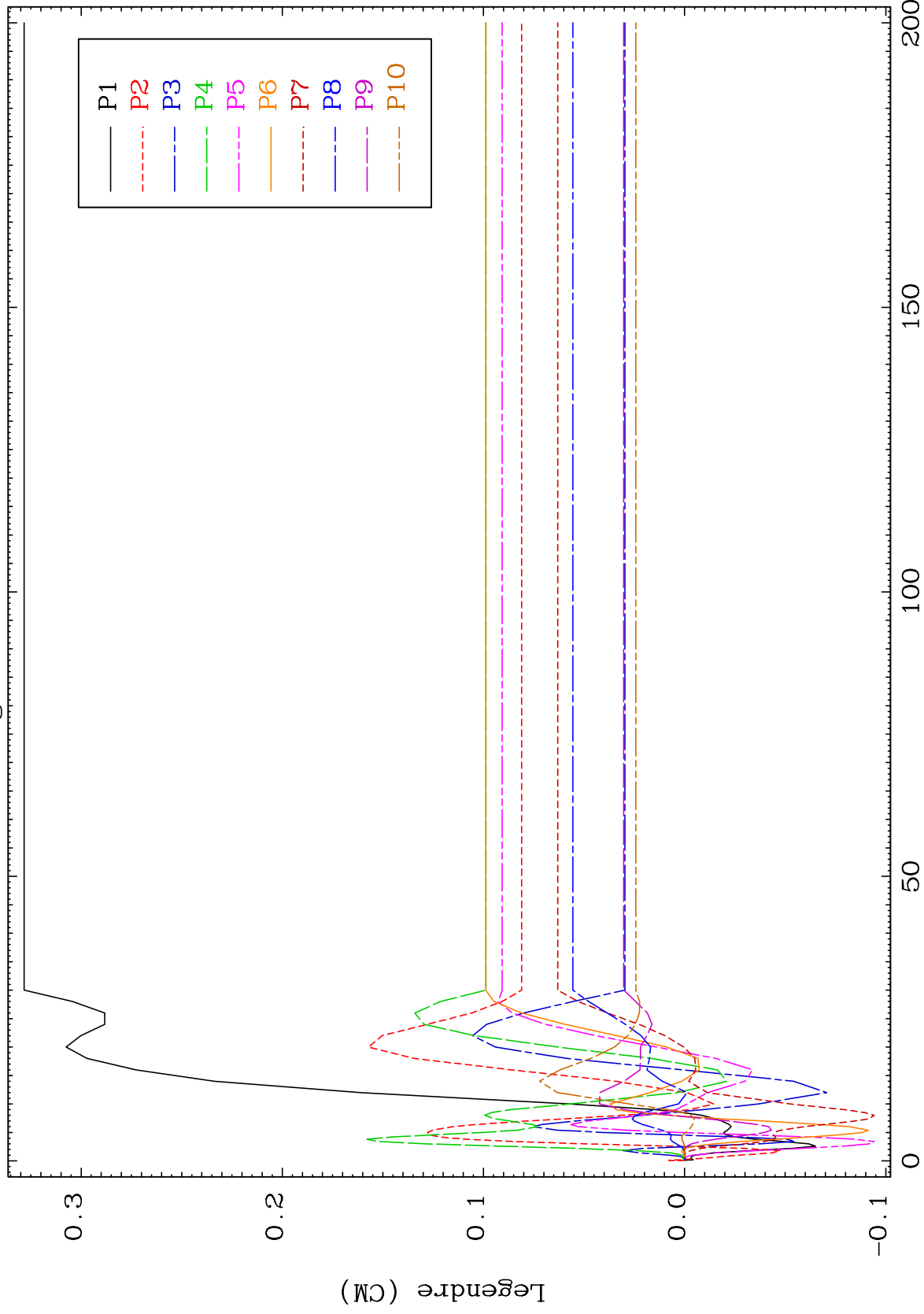
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

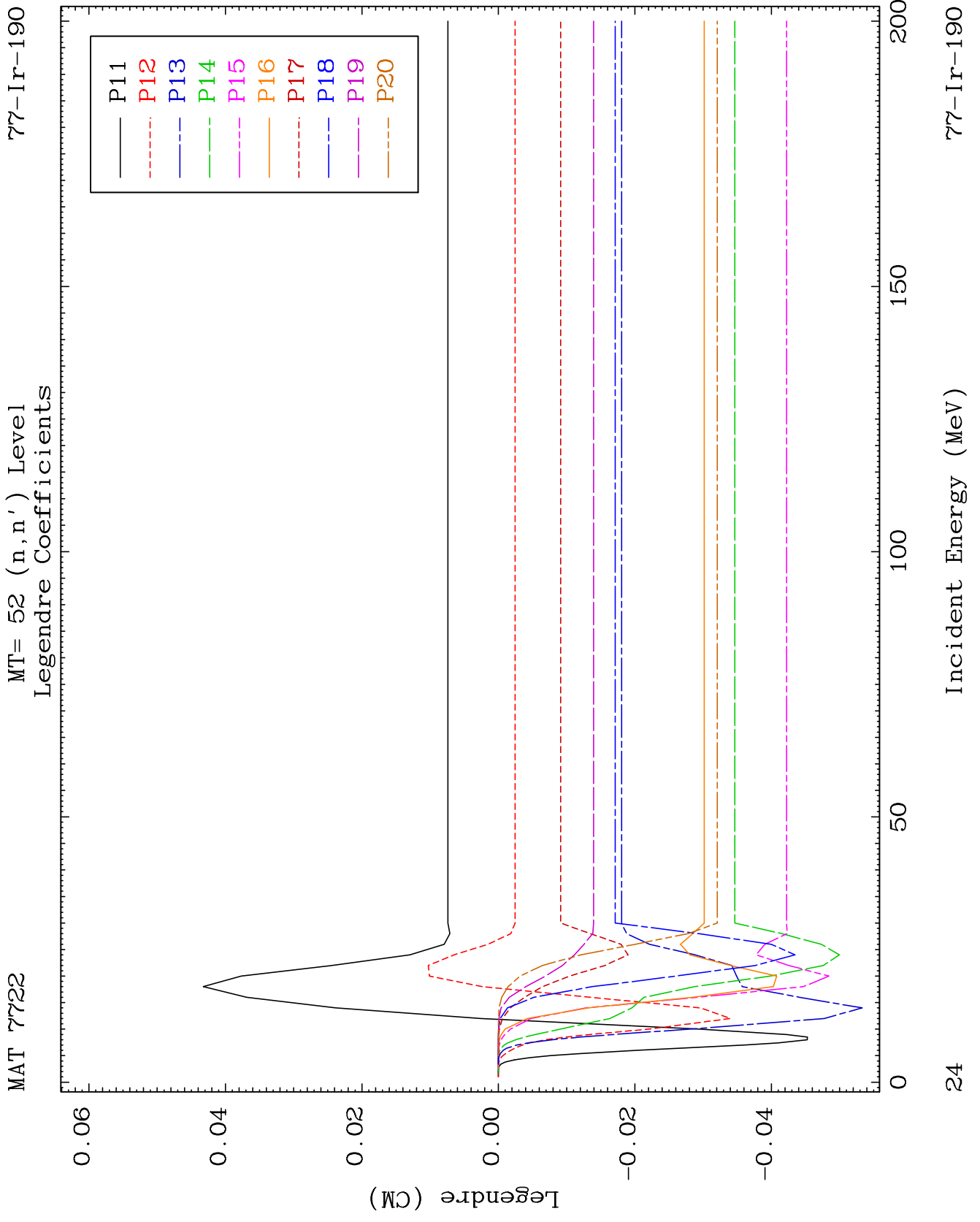


23

Incident Energy (MeV)

77-Ir-190

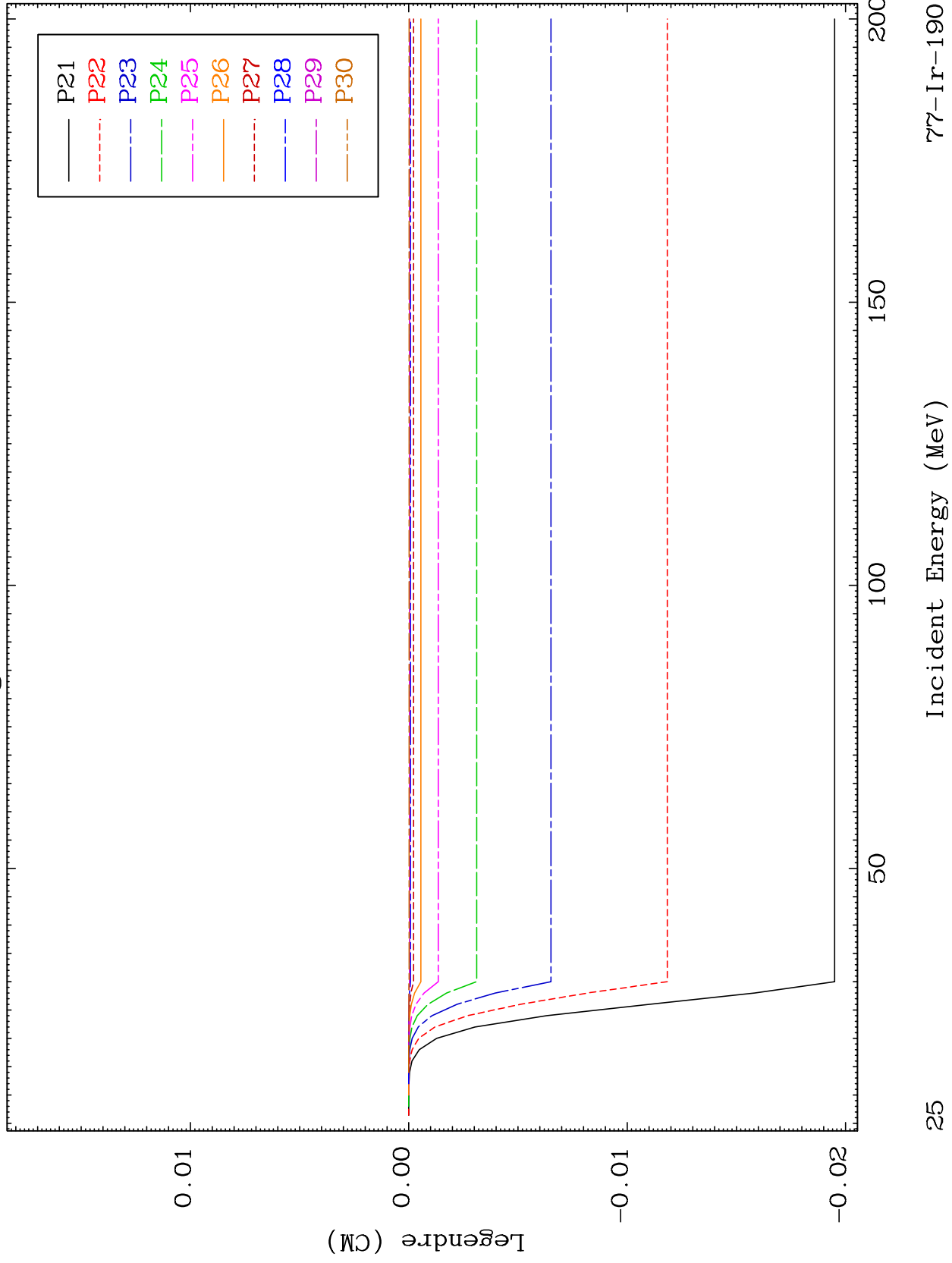




MAT 7722

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

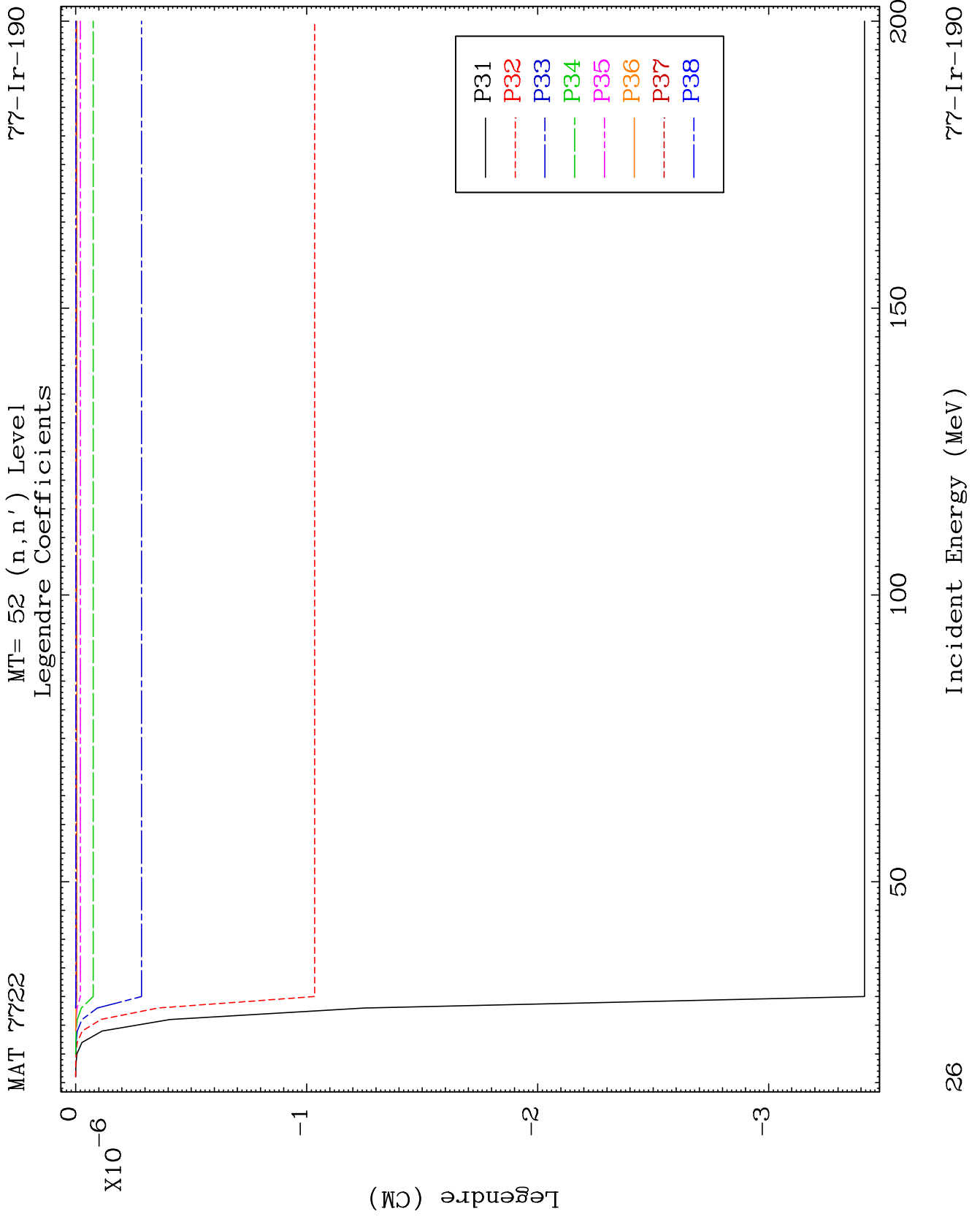
77-Ir-190

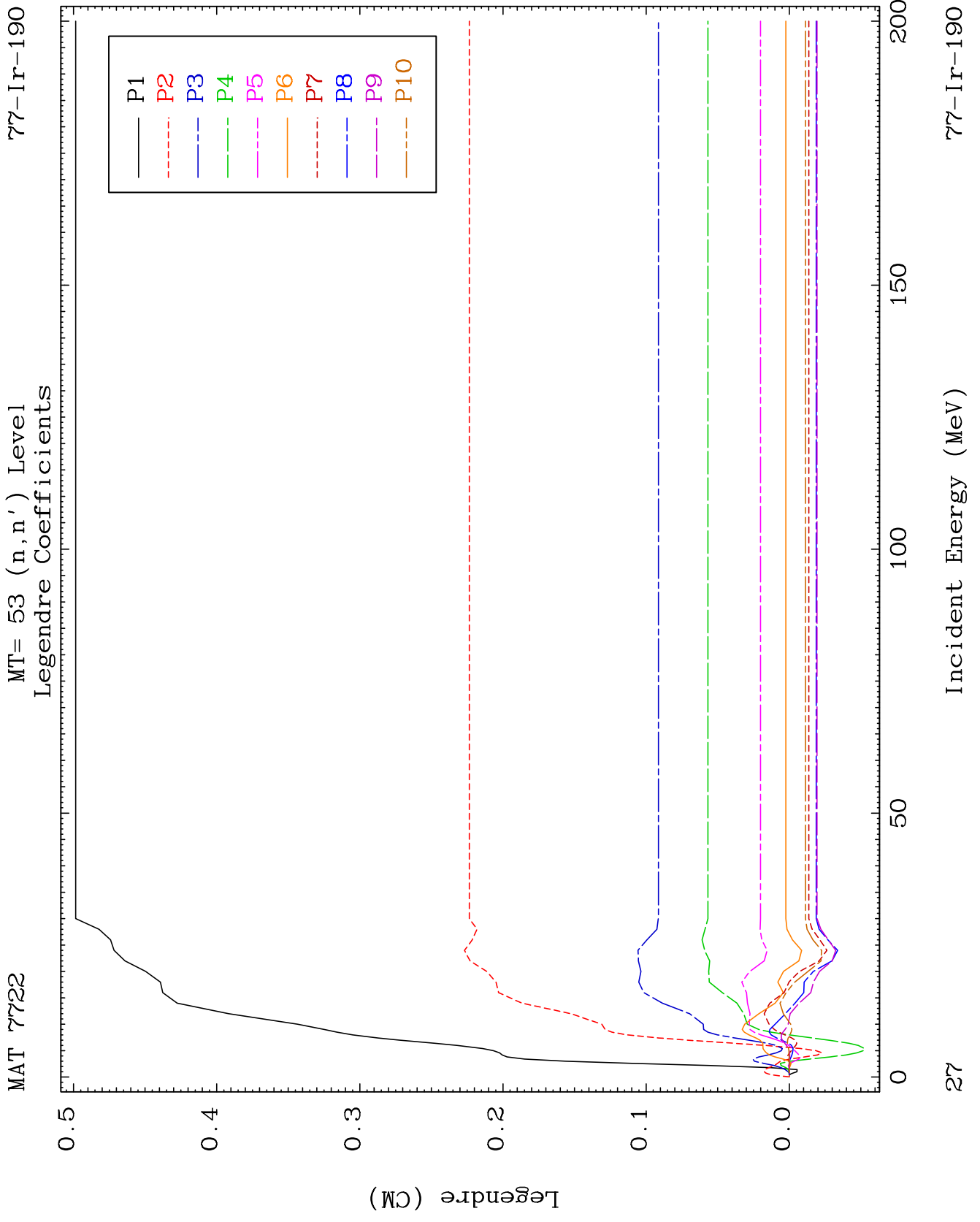


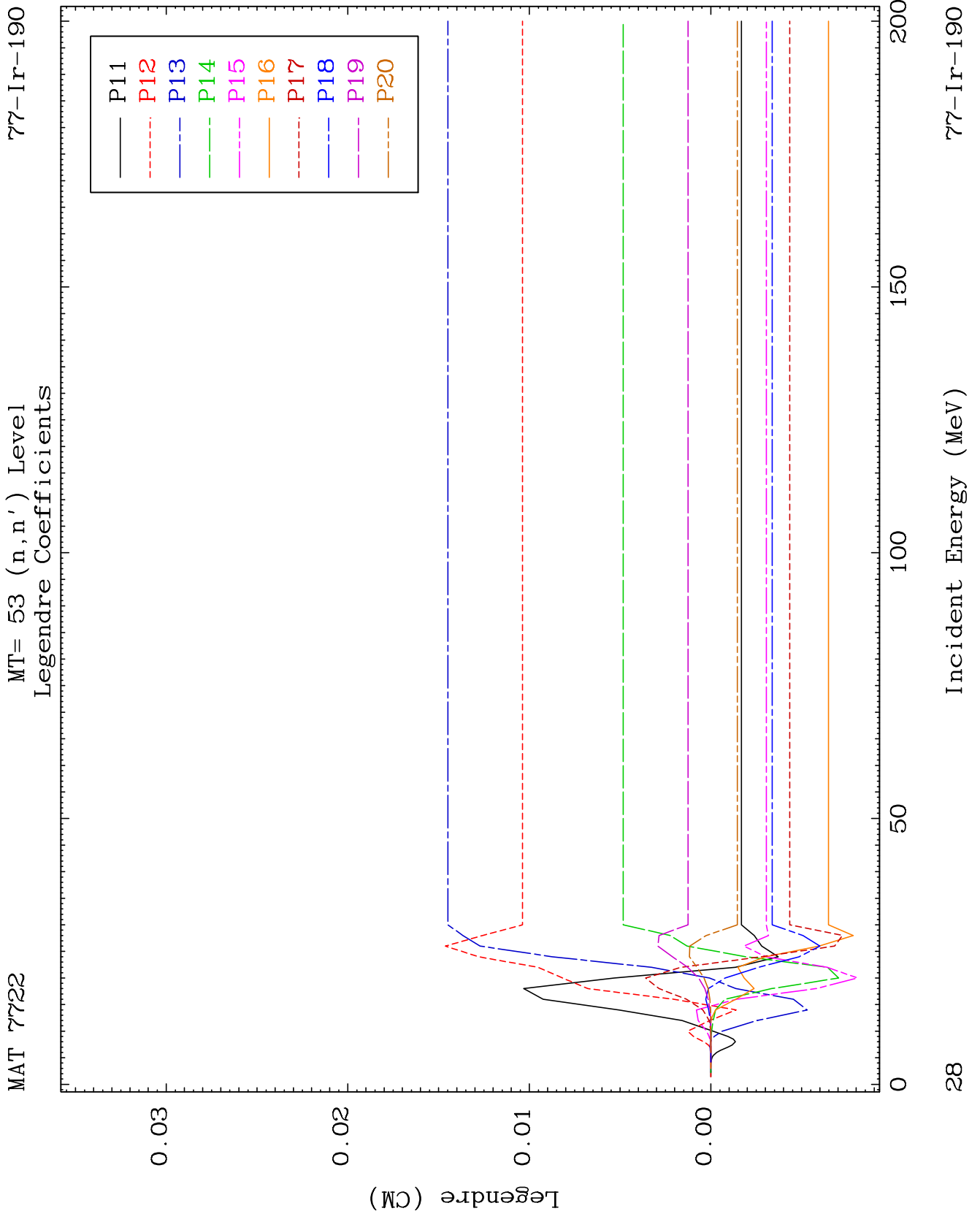
77-Ir-190

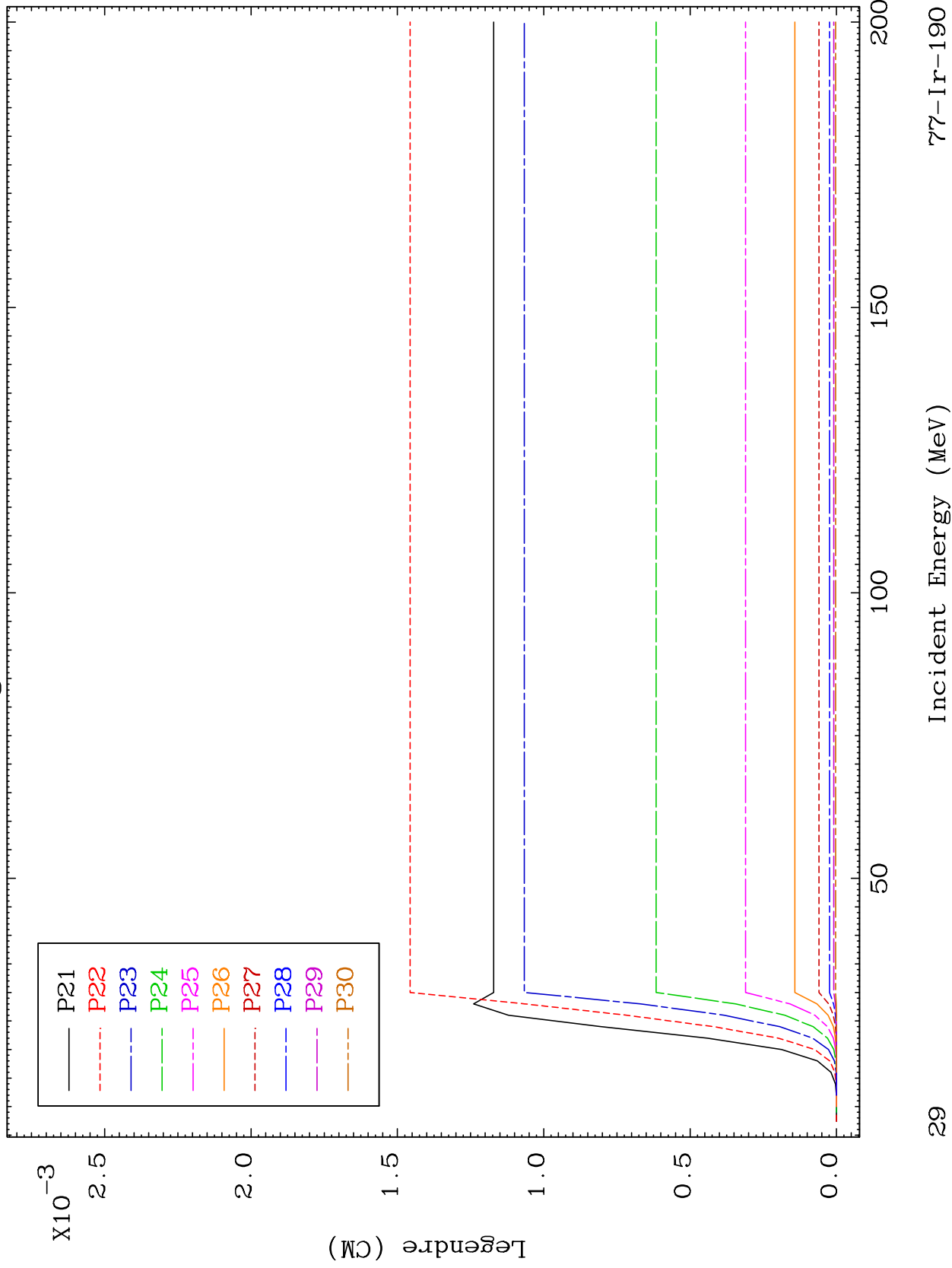
Incident Energy (MeV)

25





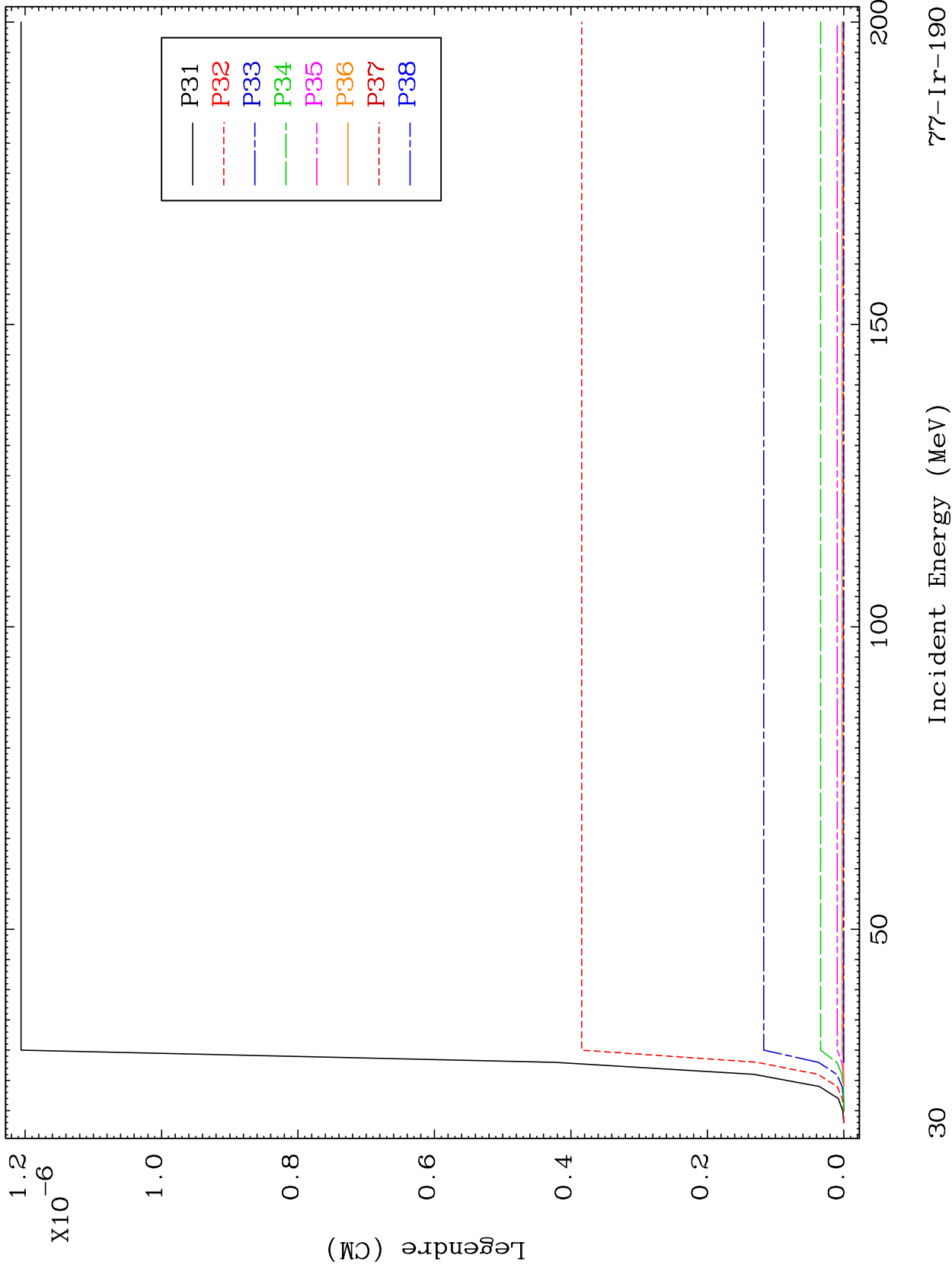




MAT 7722

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

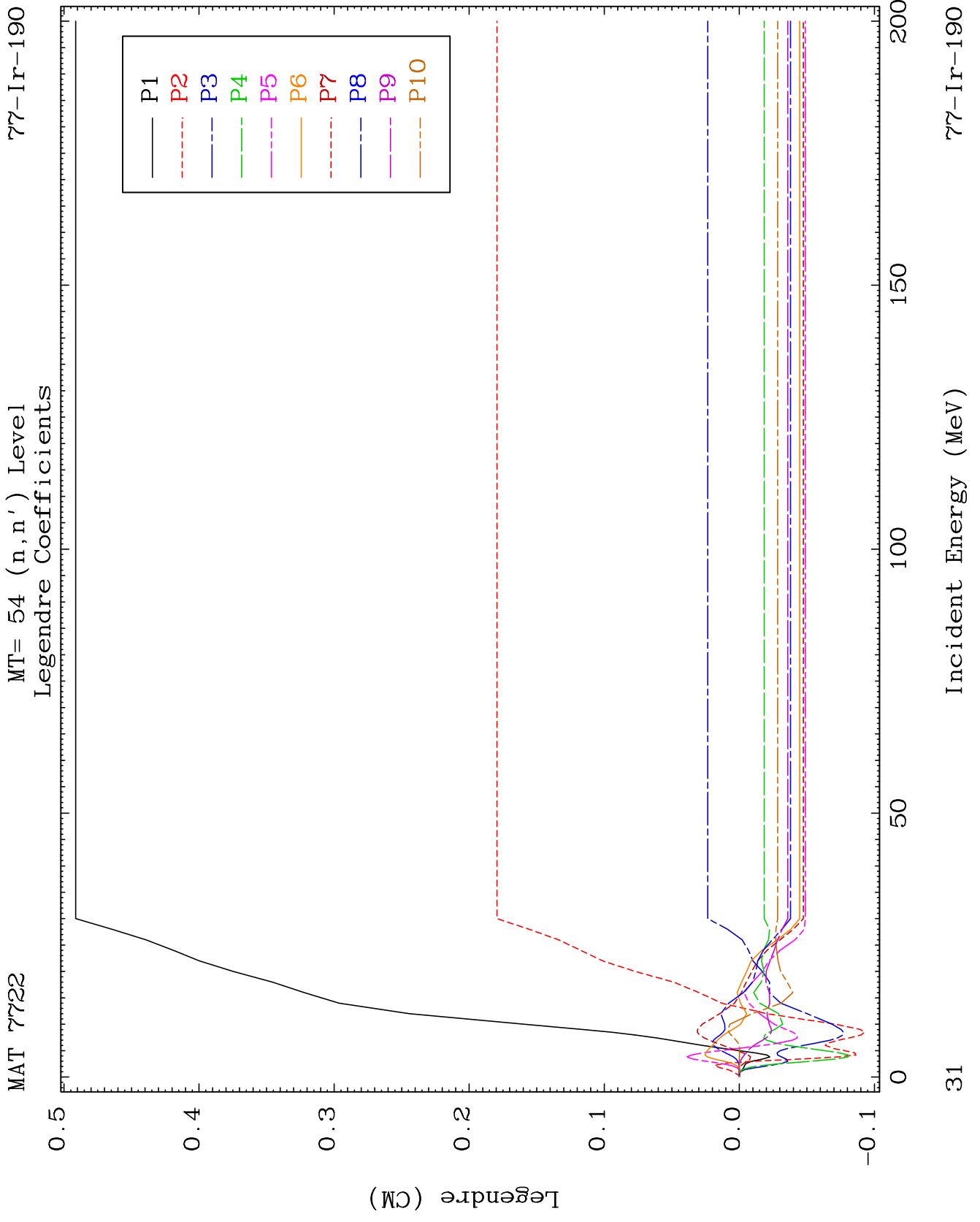
77-Ir-190



77-Ir-190

Incident Energy (MeV)

30

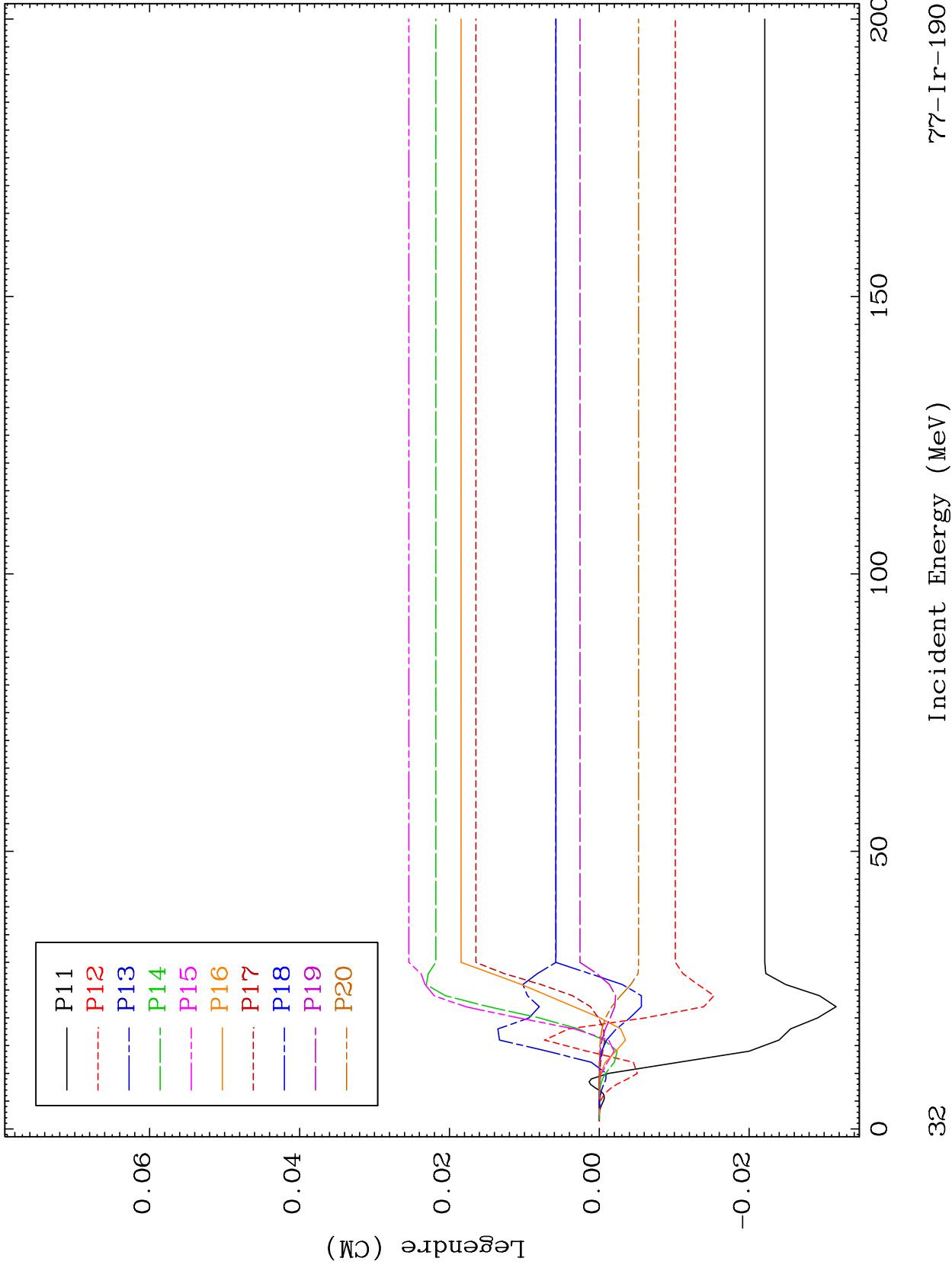




MAT 7722

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

77-Ir-190



32

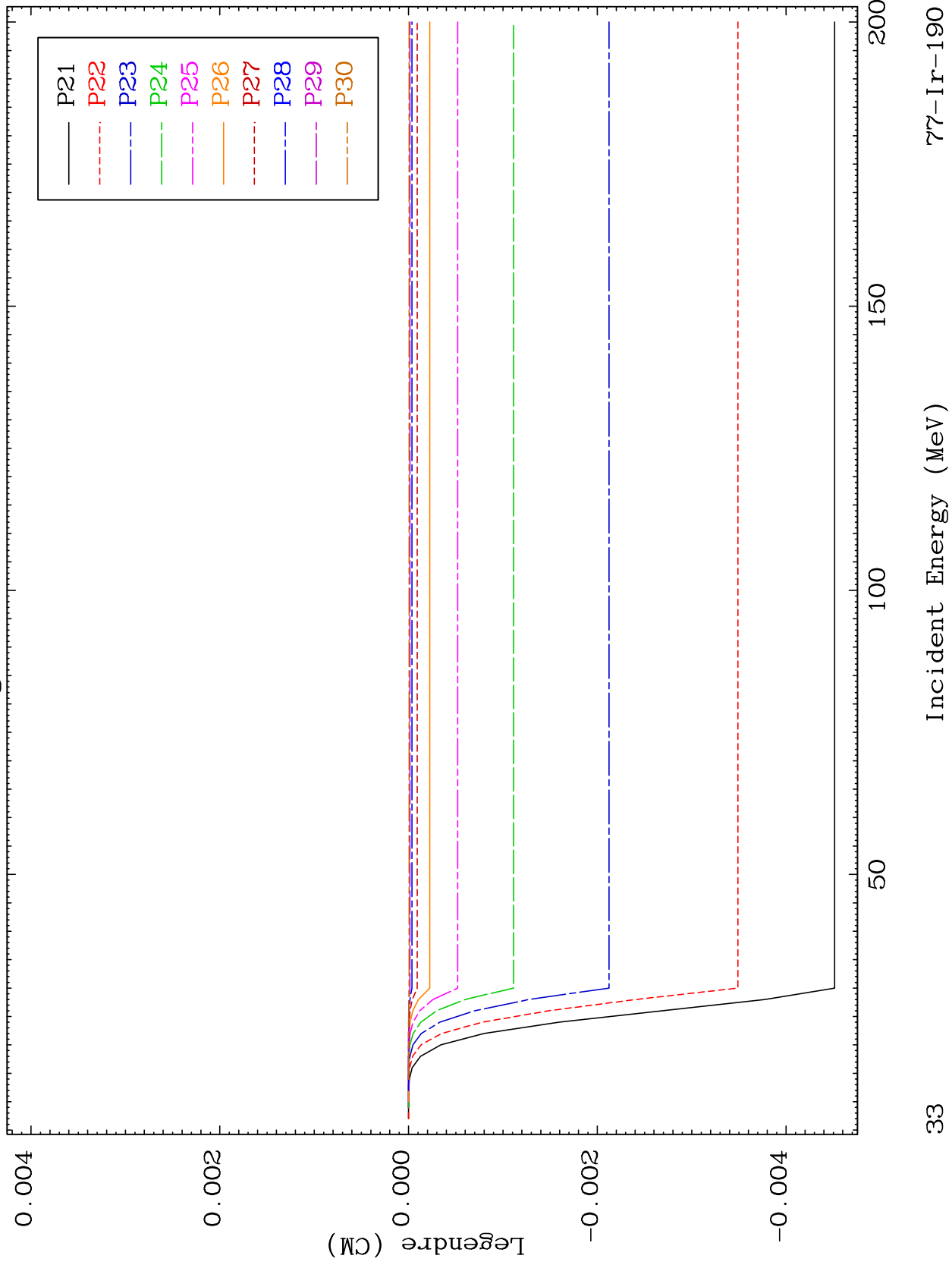
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

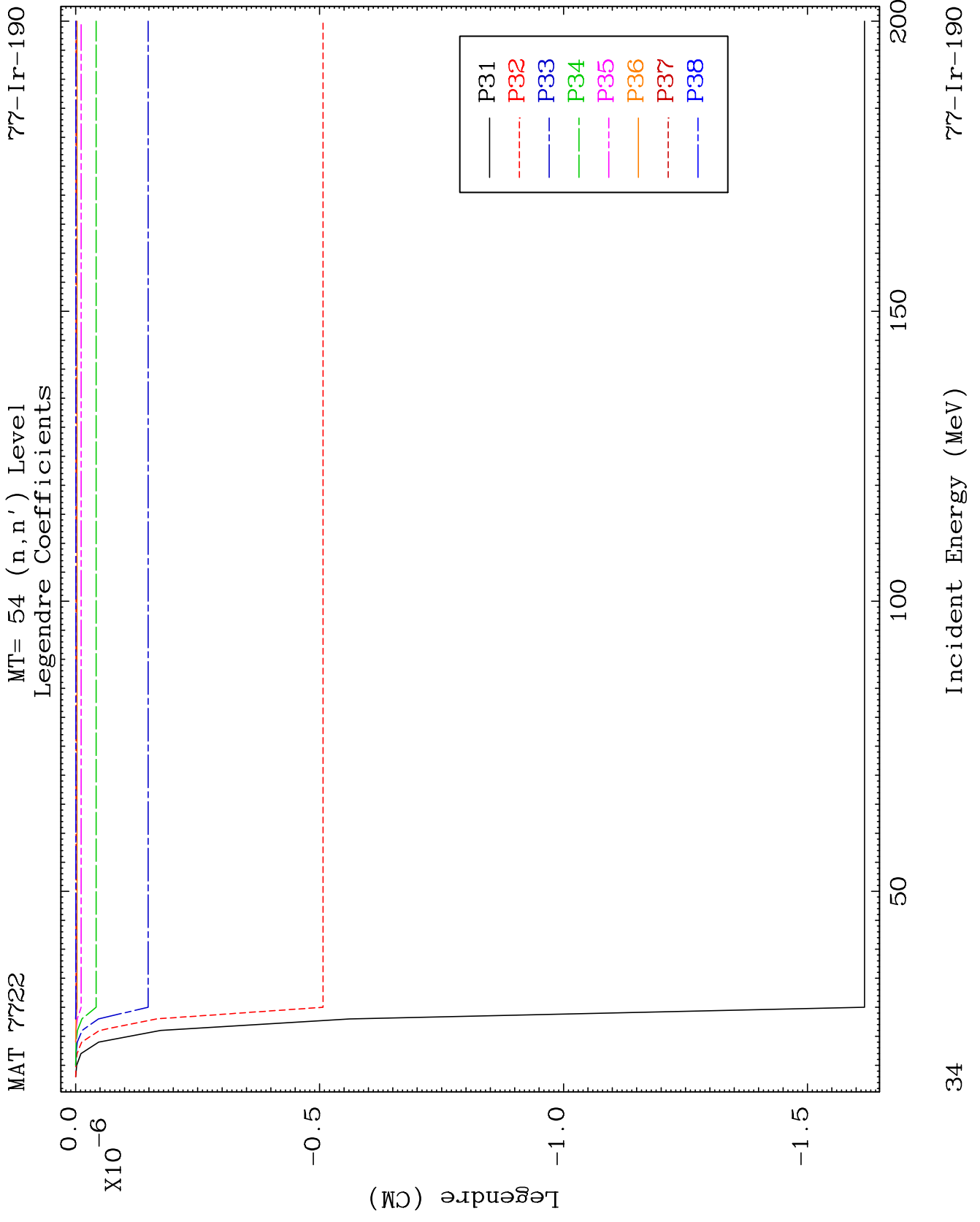
77-Ir-190

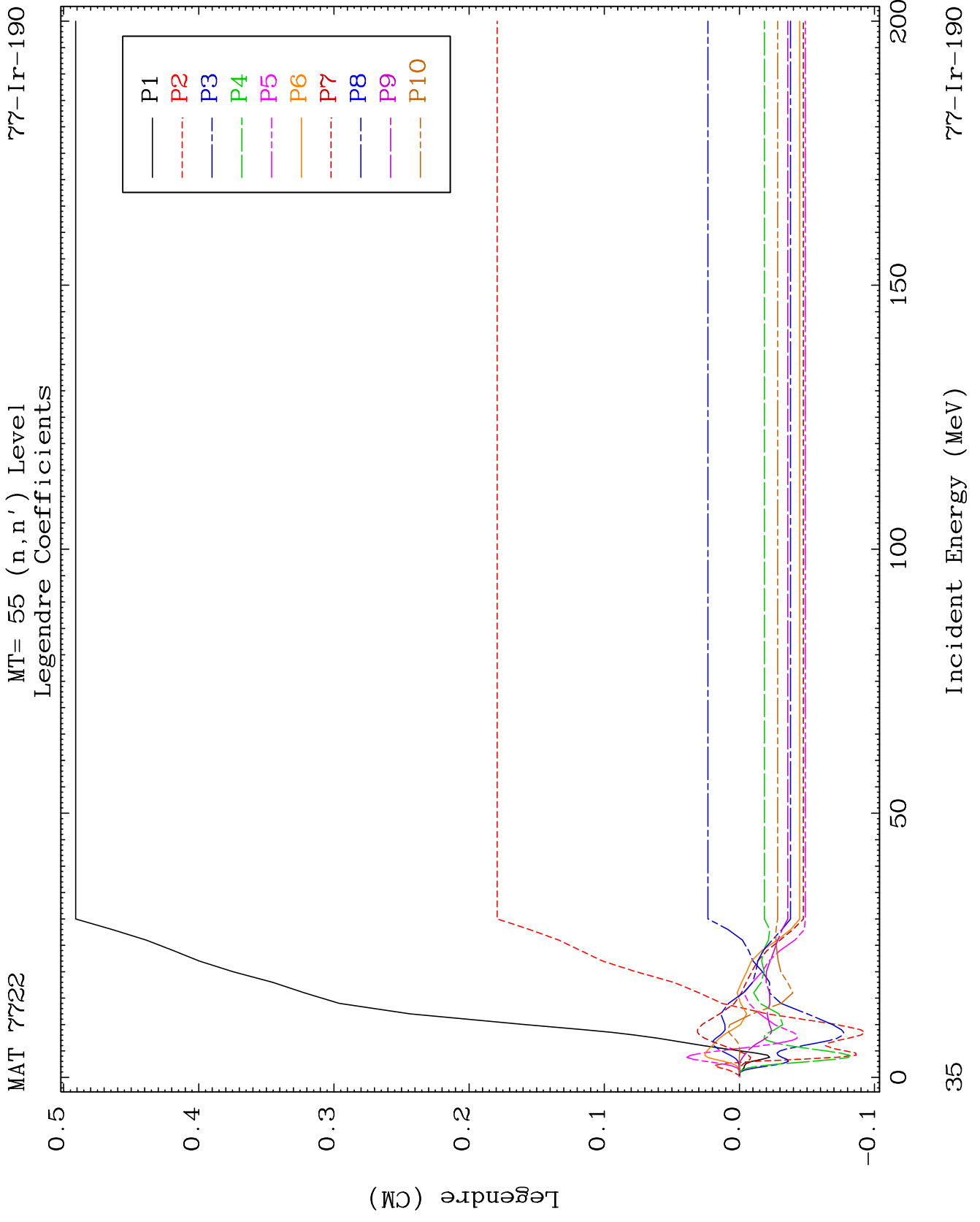


33

Incident Energy (MeV)

77-Ir-190

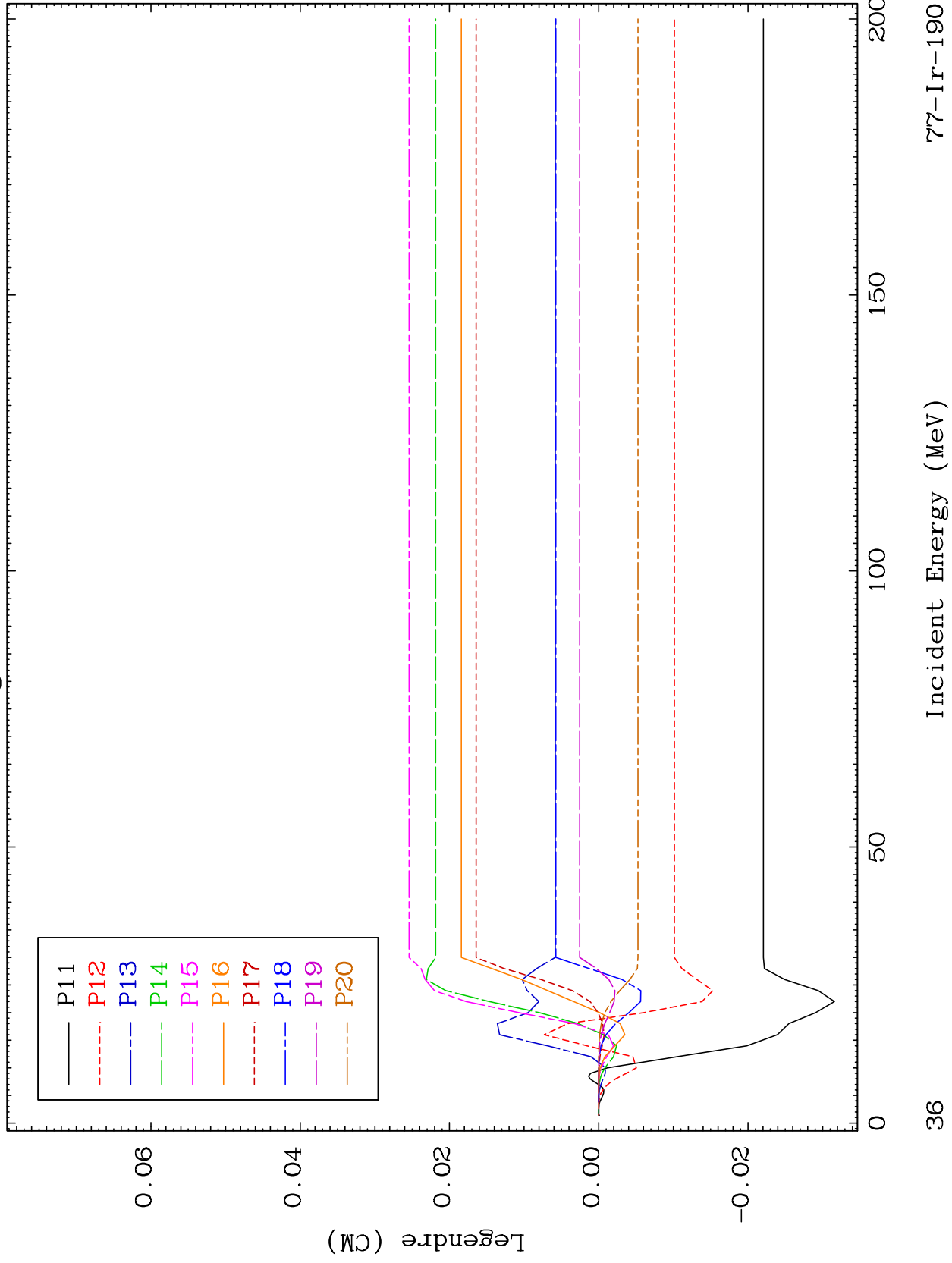




MAT 7722

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

77-Ir-190



36

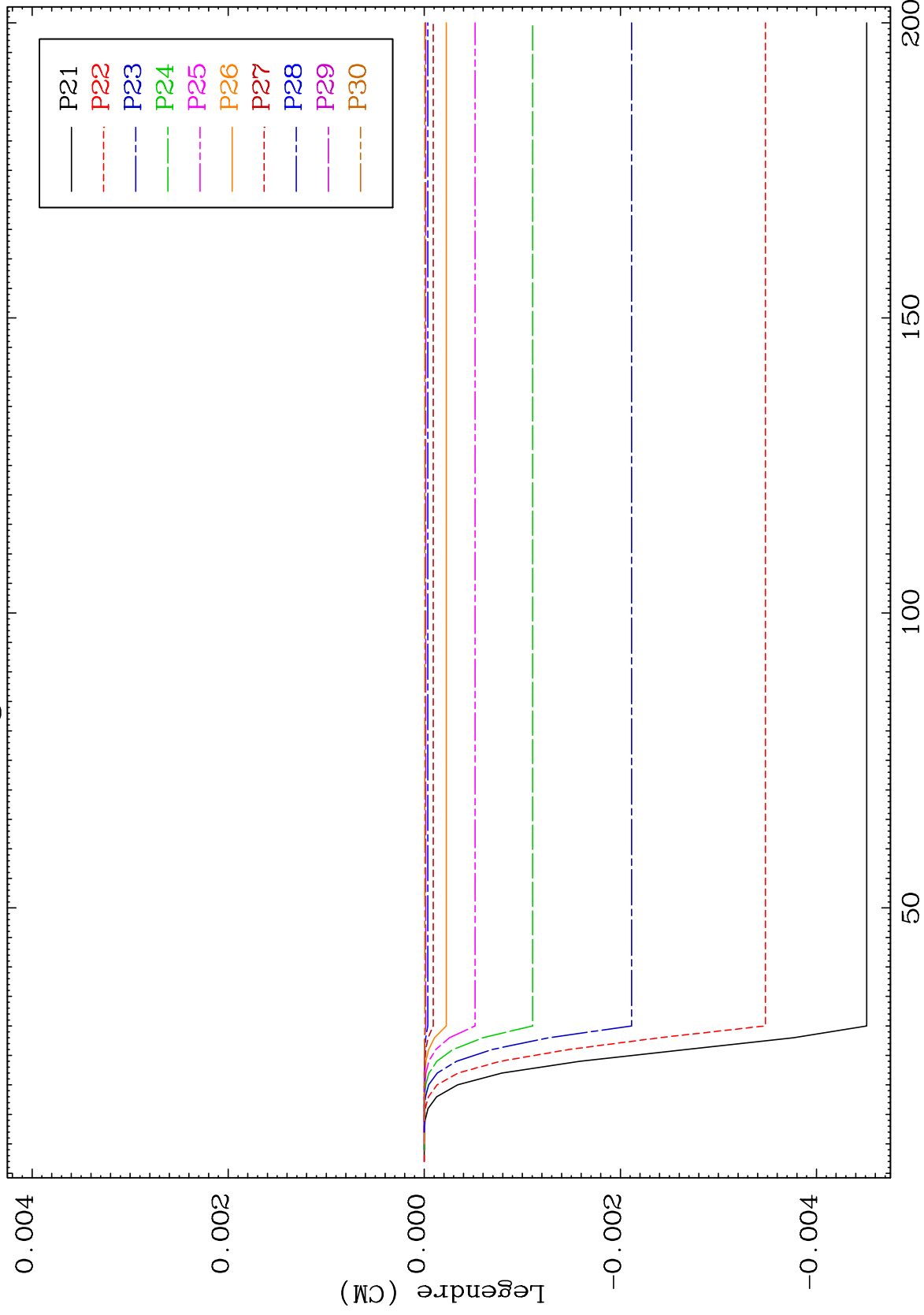
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

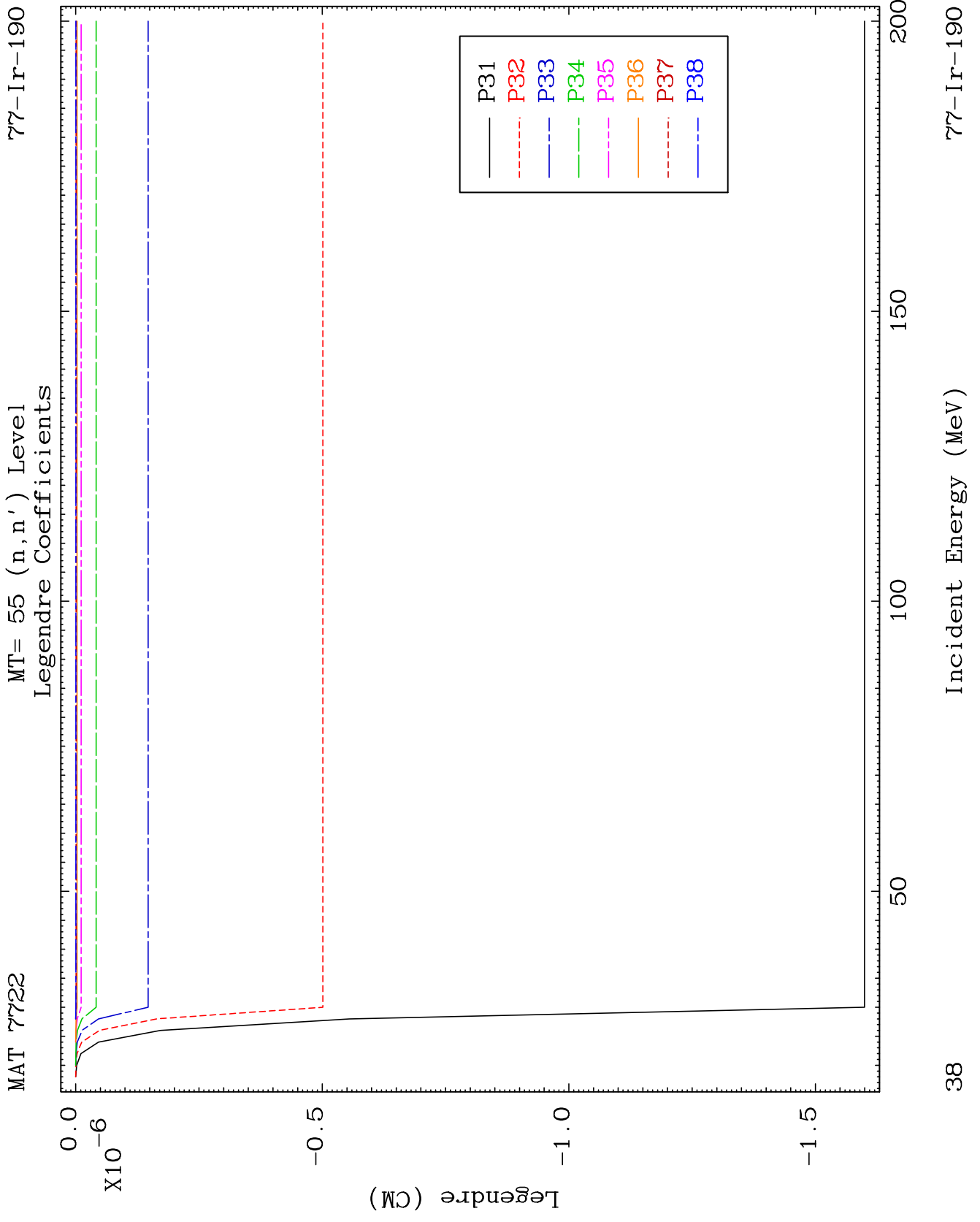
77-Ir-190

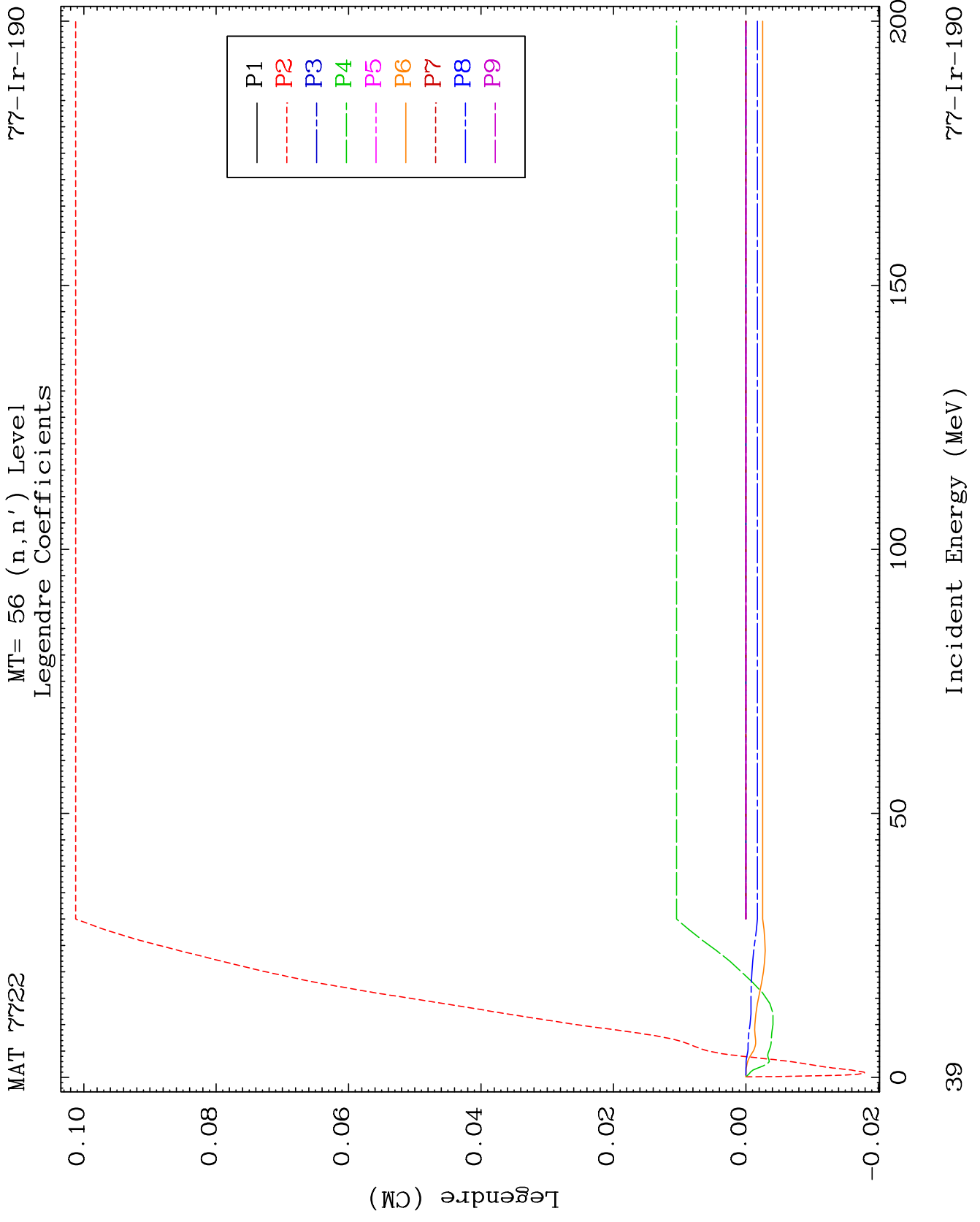


37

Incident Energy (MeV)

77-Ir-190



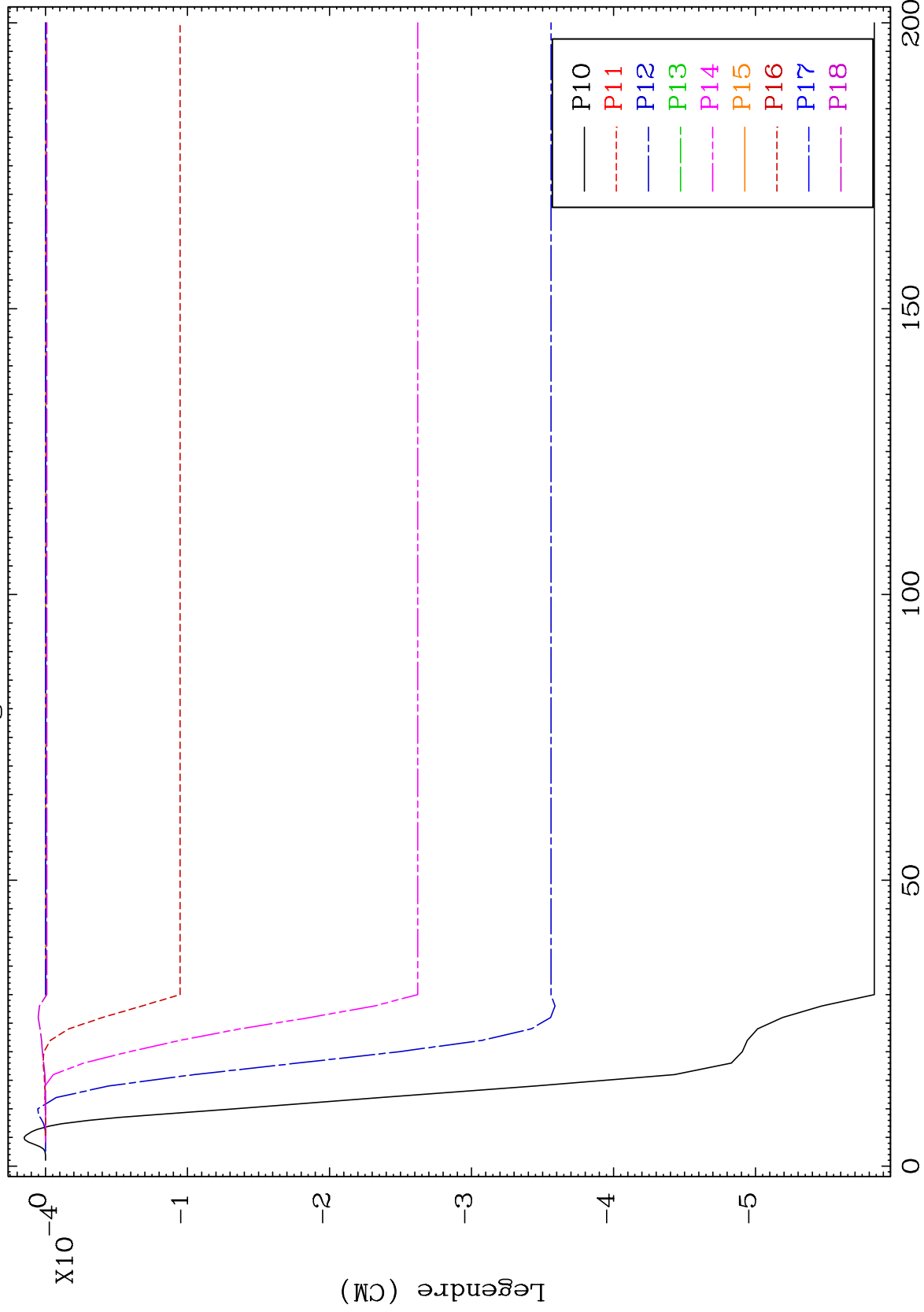




MAT 7722

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

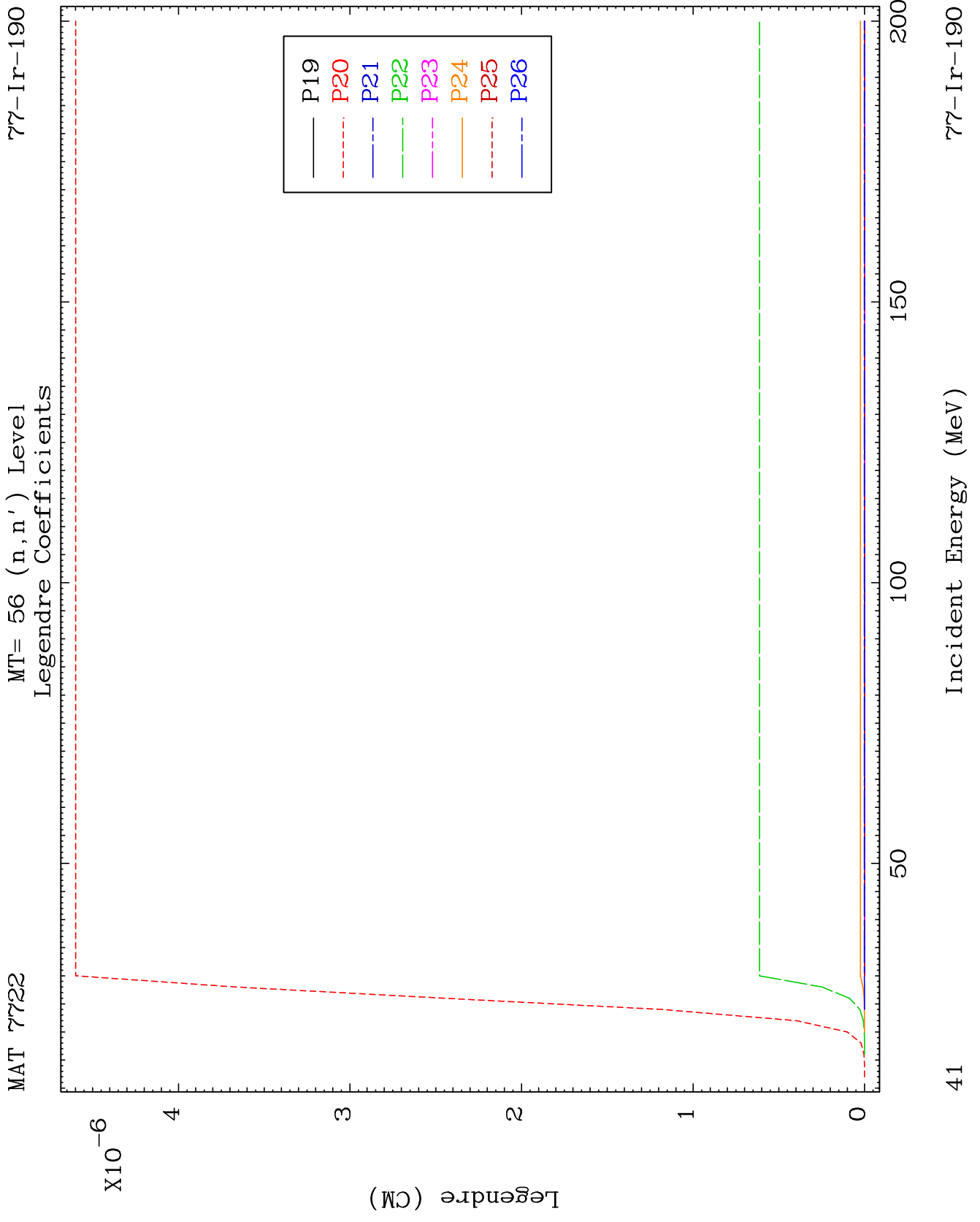
77-Ir-190



40

Incident Energy (MeV)

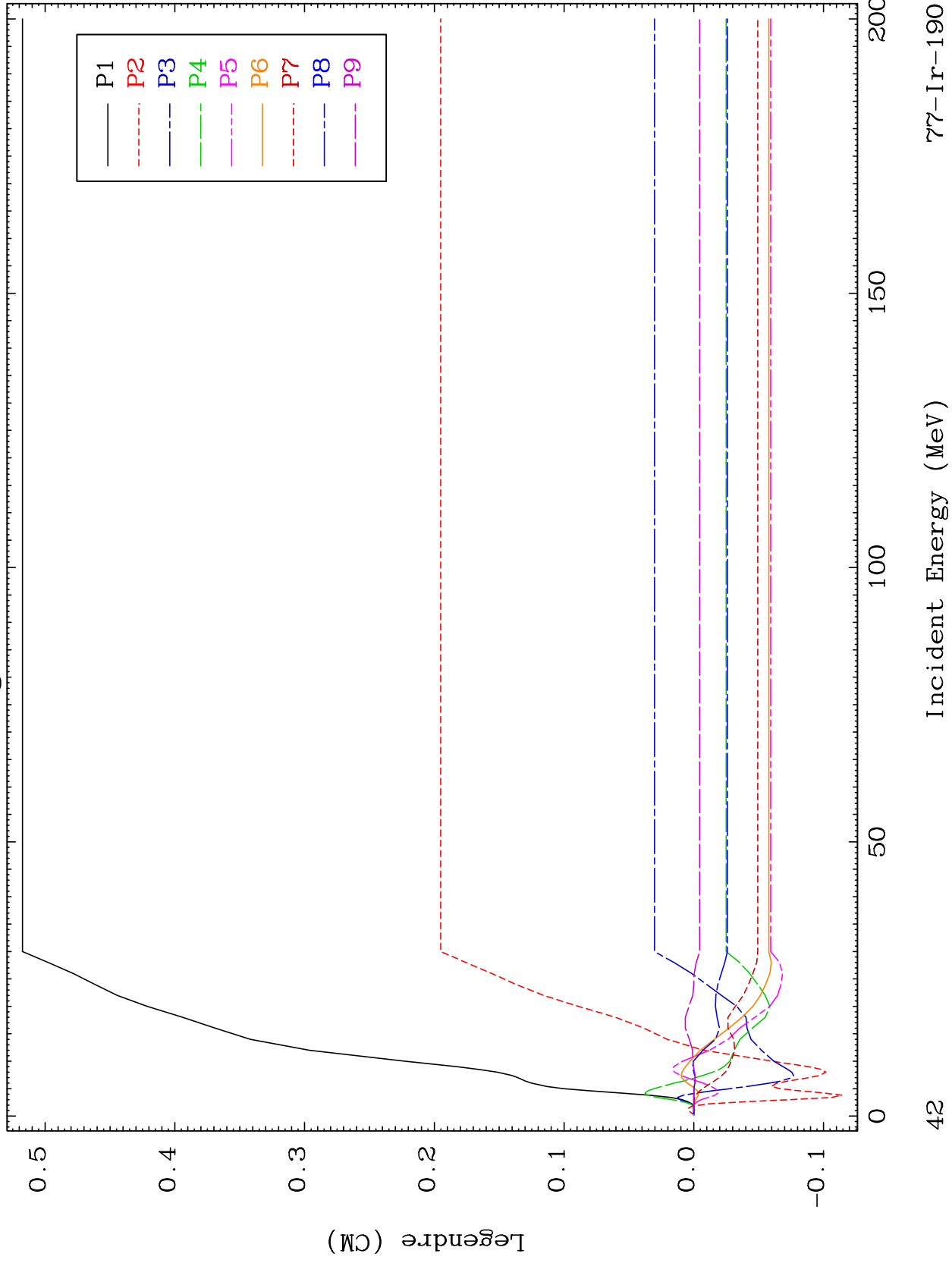
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

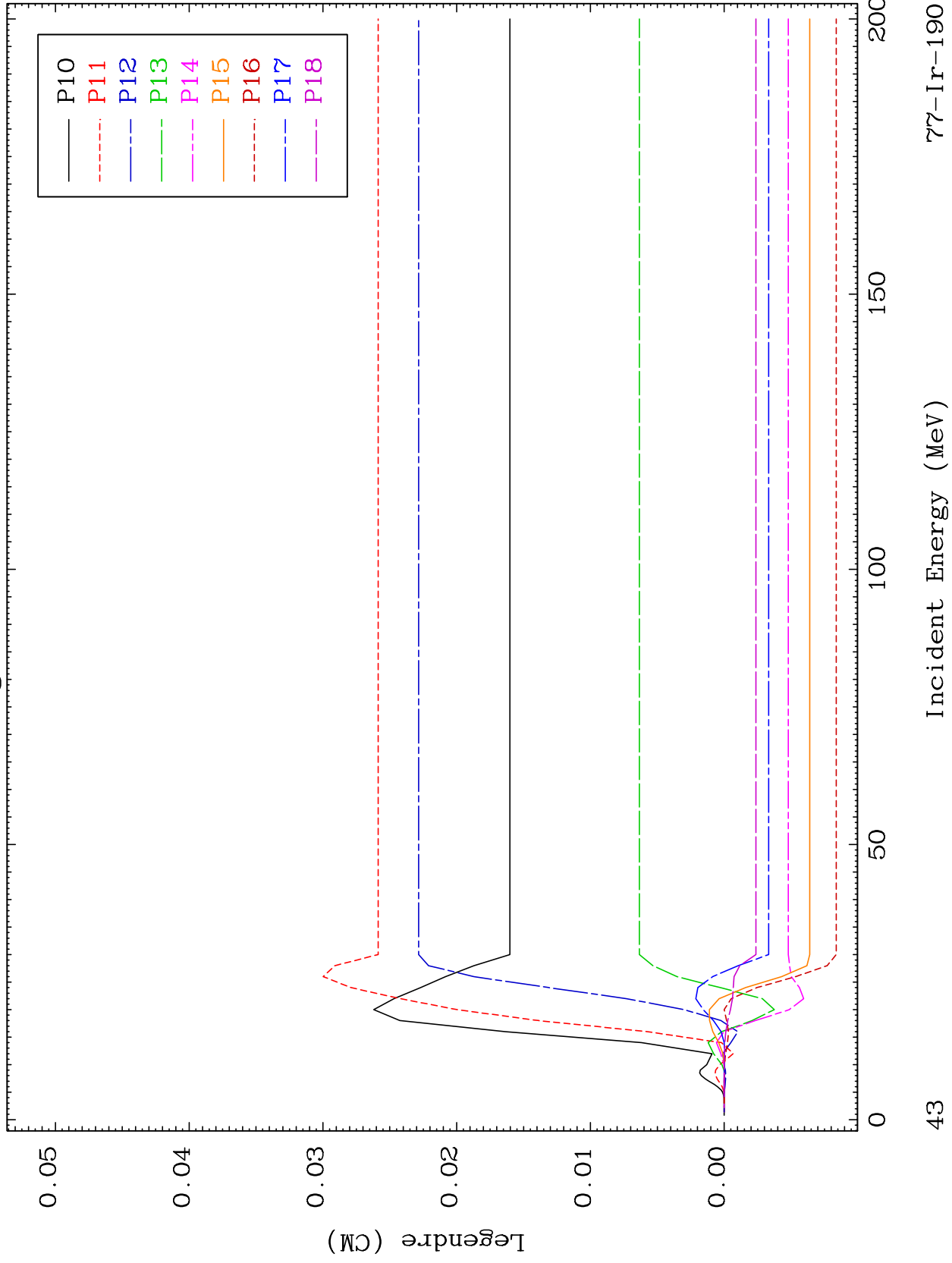
Incident Energy (MeV)

42

MAT 7722

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

77-Ir-190



43

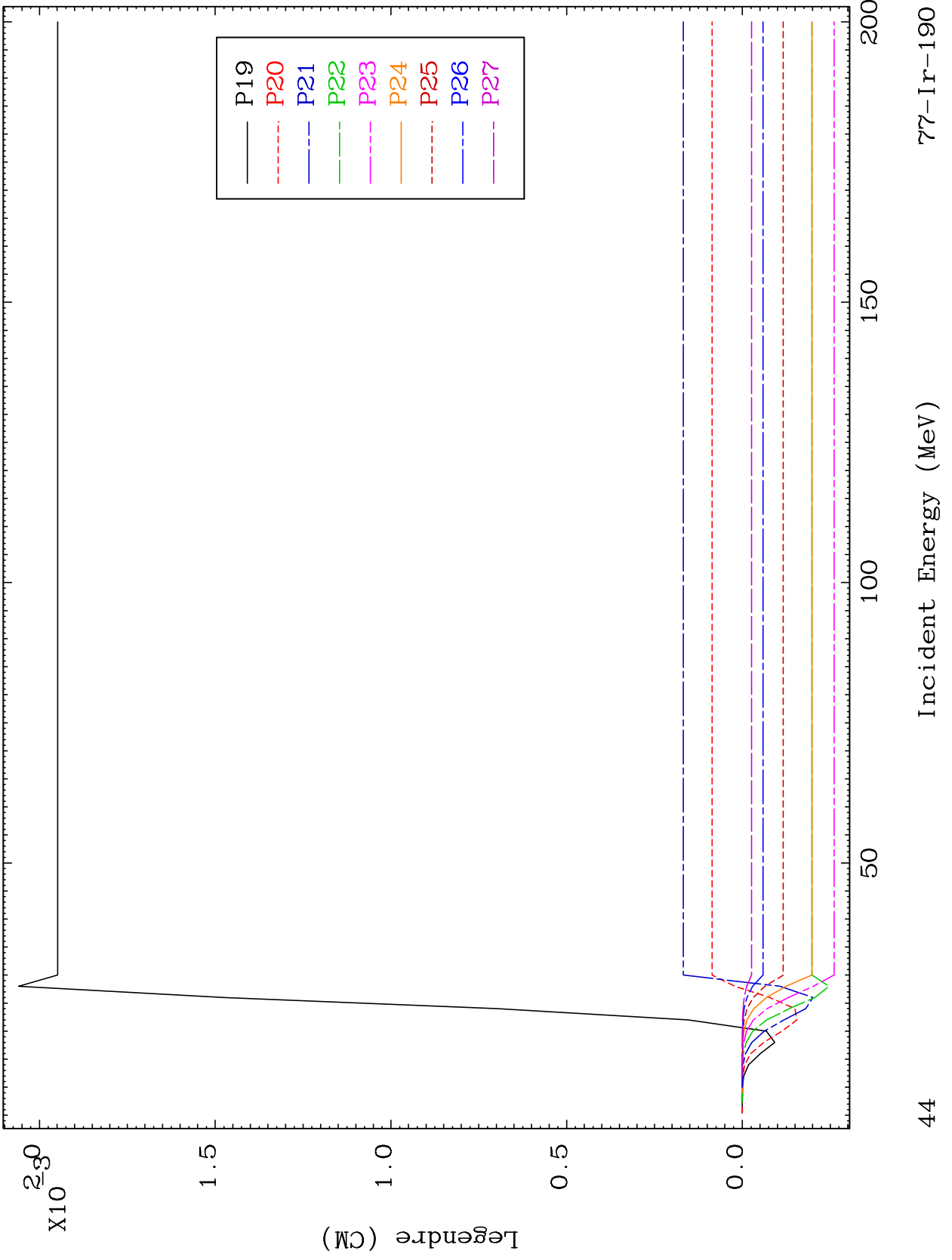
Incident Energy (MeV)

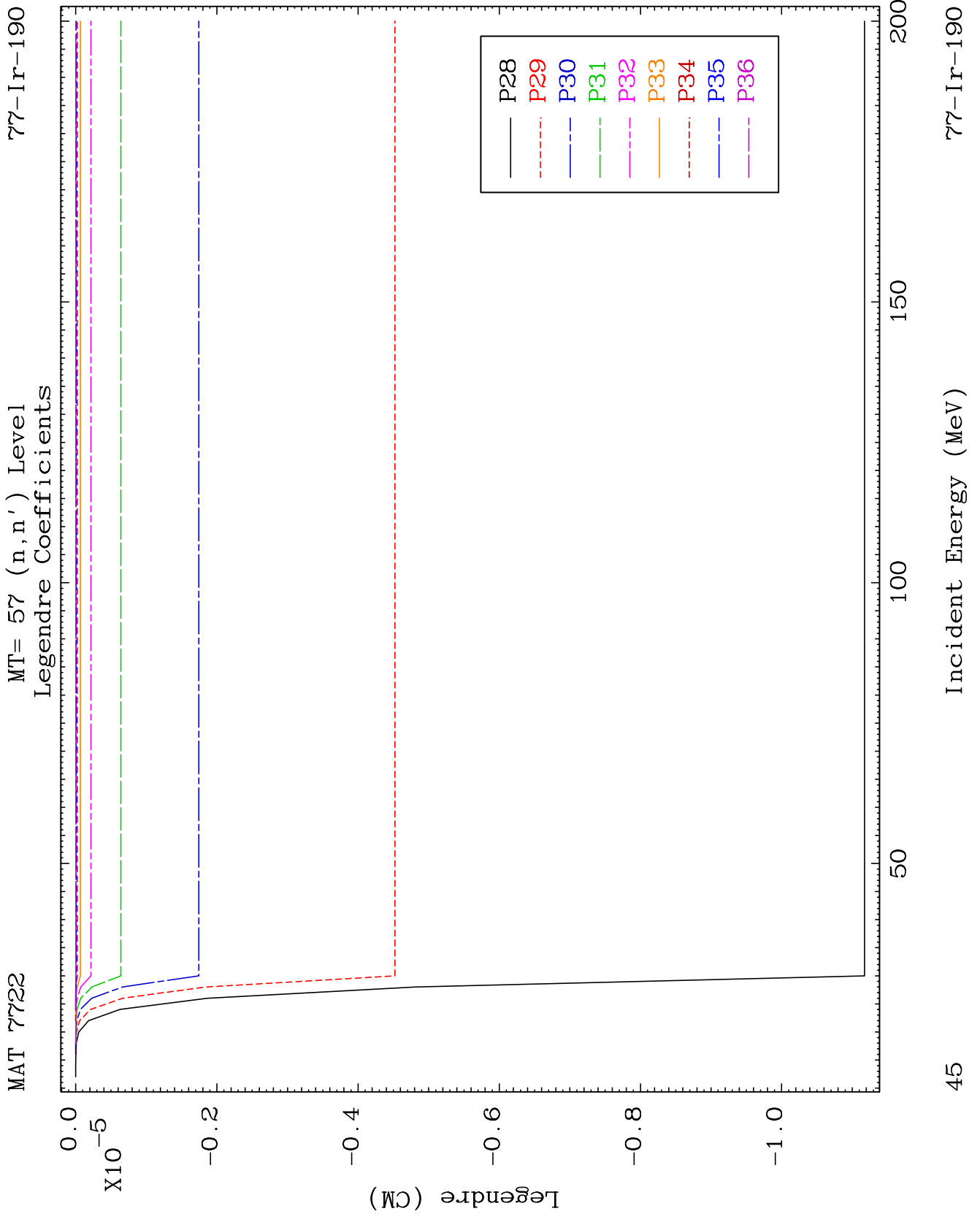
77-Ir-190

MAT 7722

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

77-Ir-190

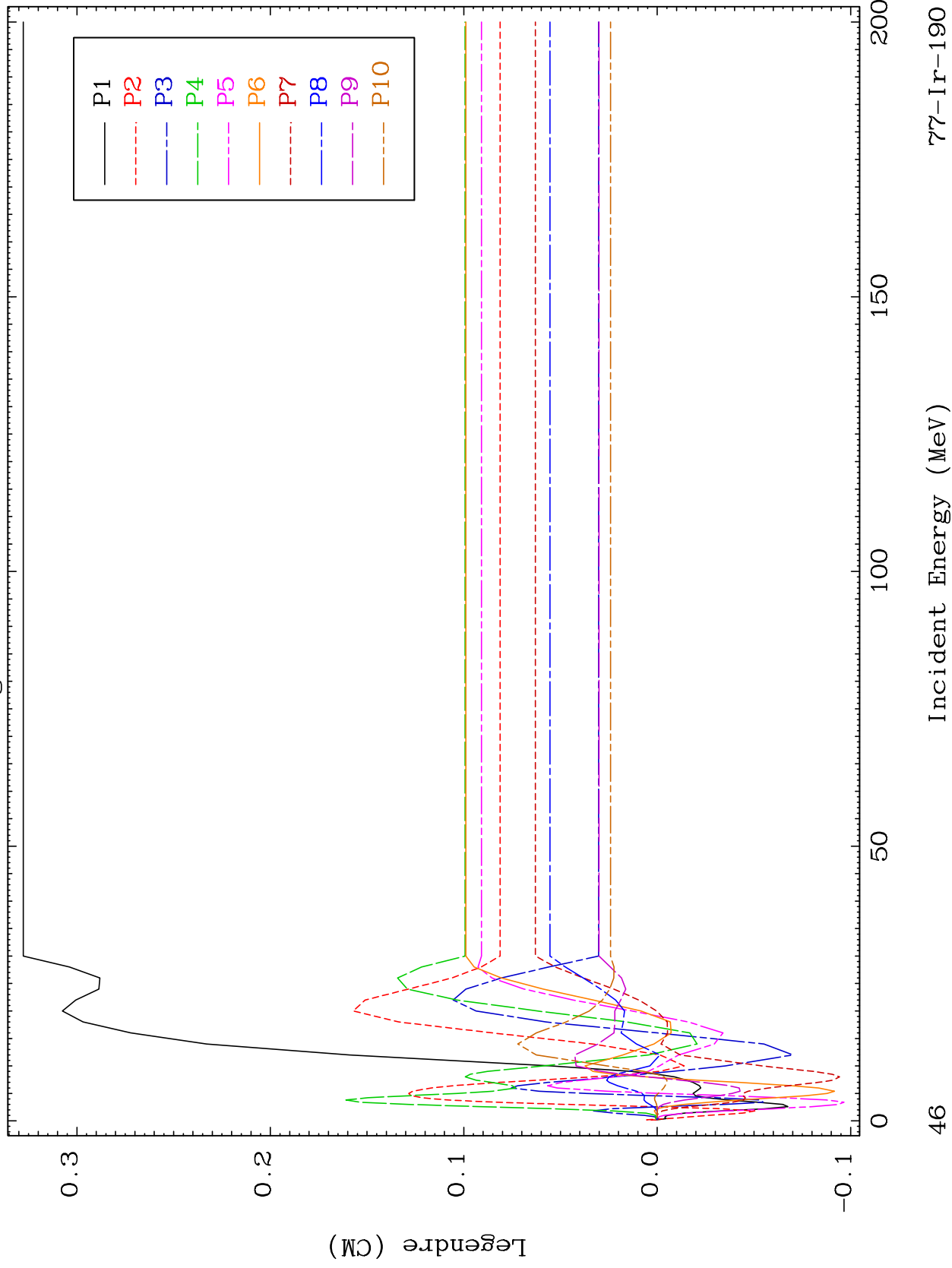




MAT 7722

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

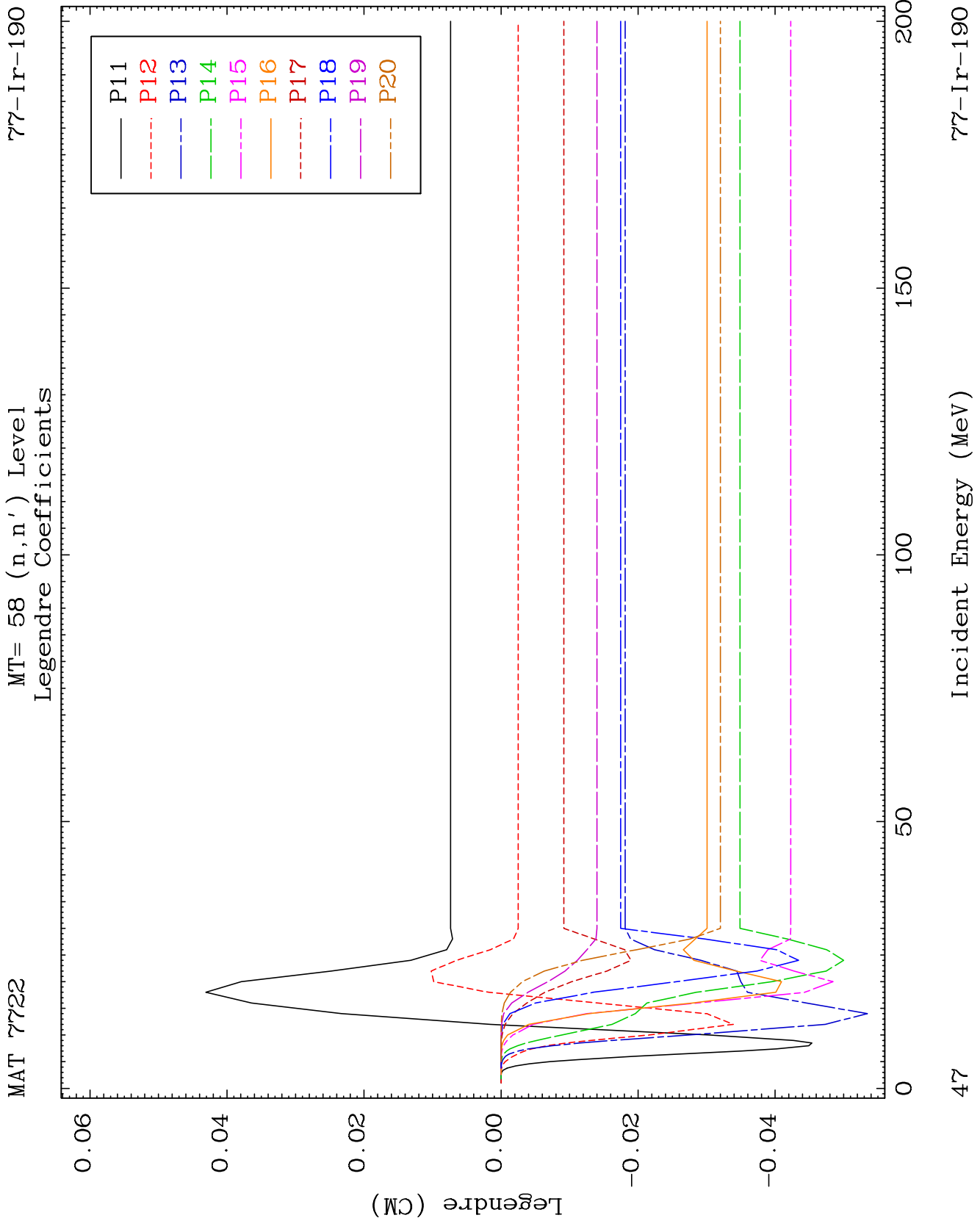
77-Ir-190



77-Ir-190

Incident Energy (MeV)

46



77-Ir-190

Incident Energy (MeV)

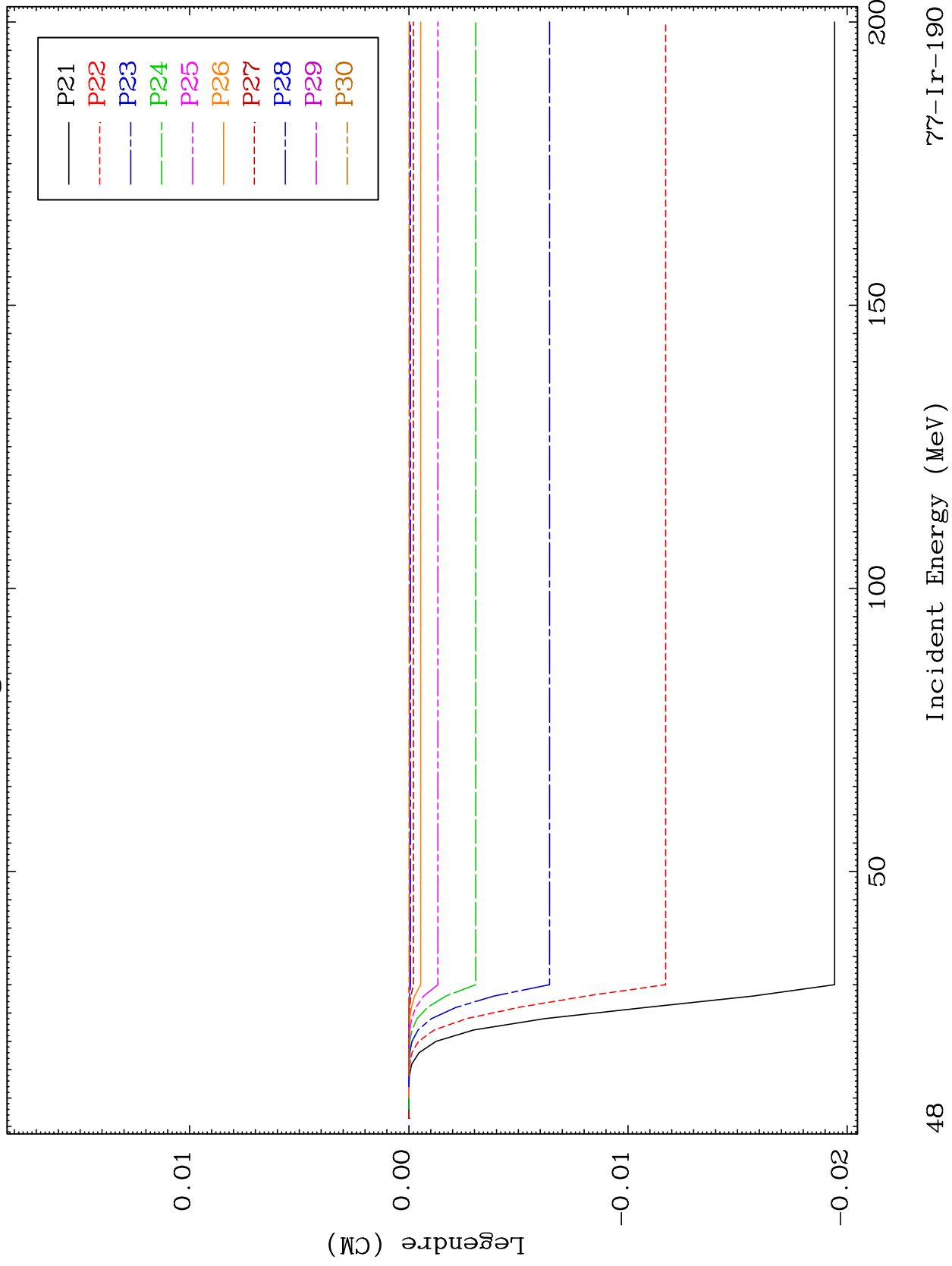
47



MAT 7722

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

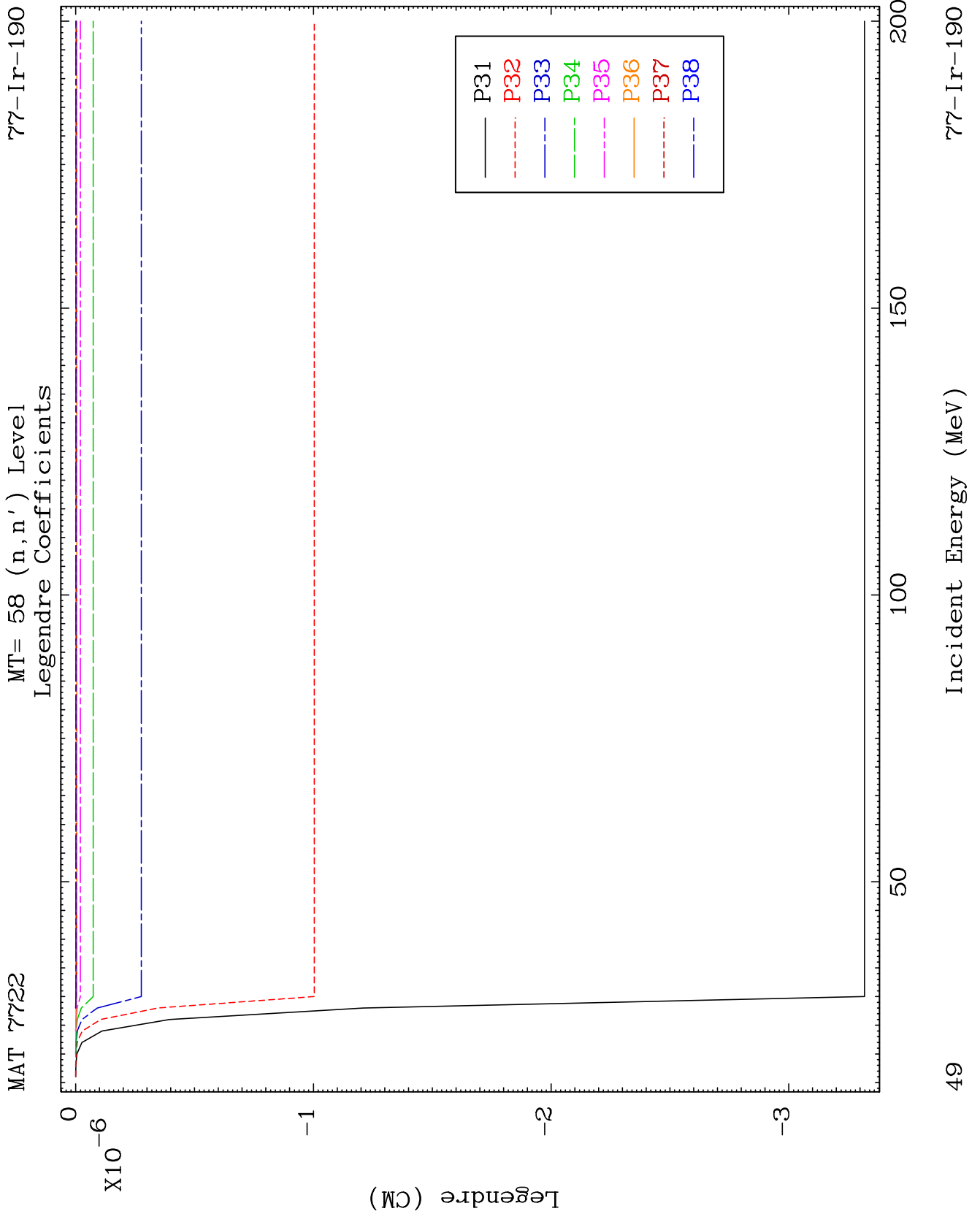
77-Ir-190

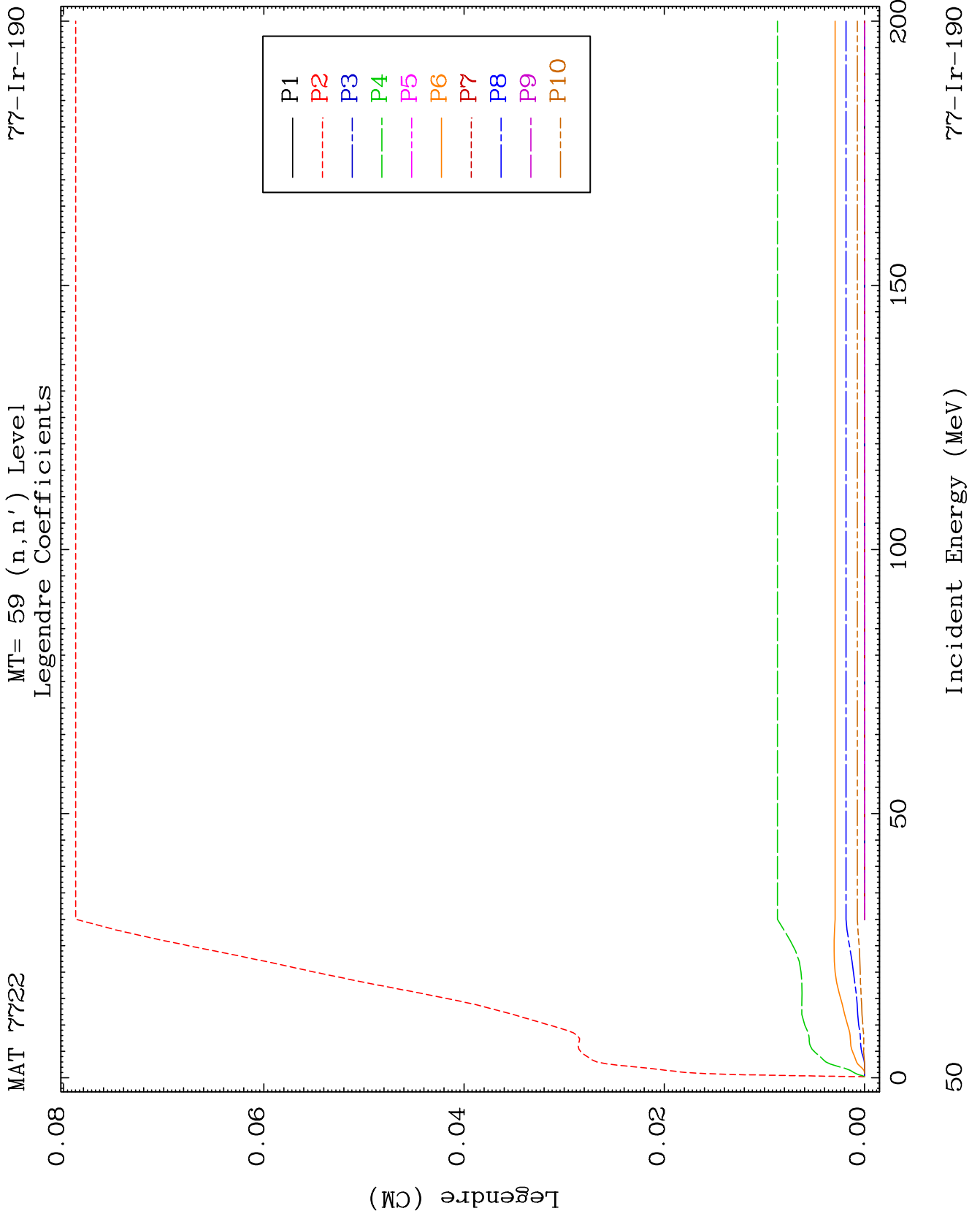


77-Ir-190

Incident Energy (MeV)

48

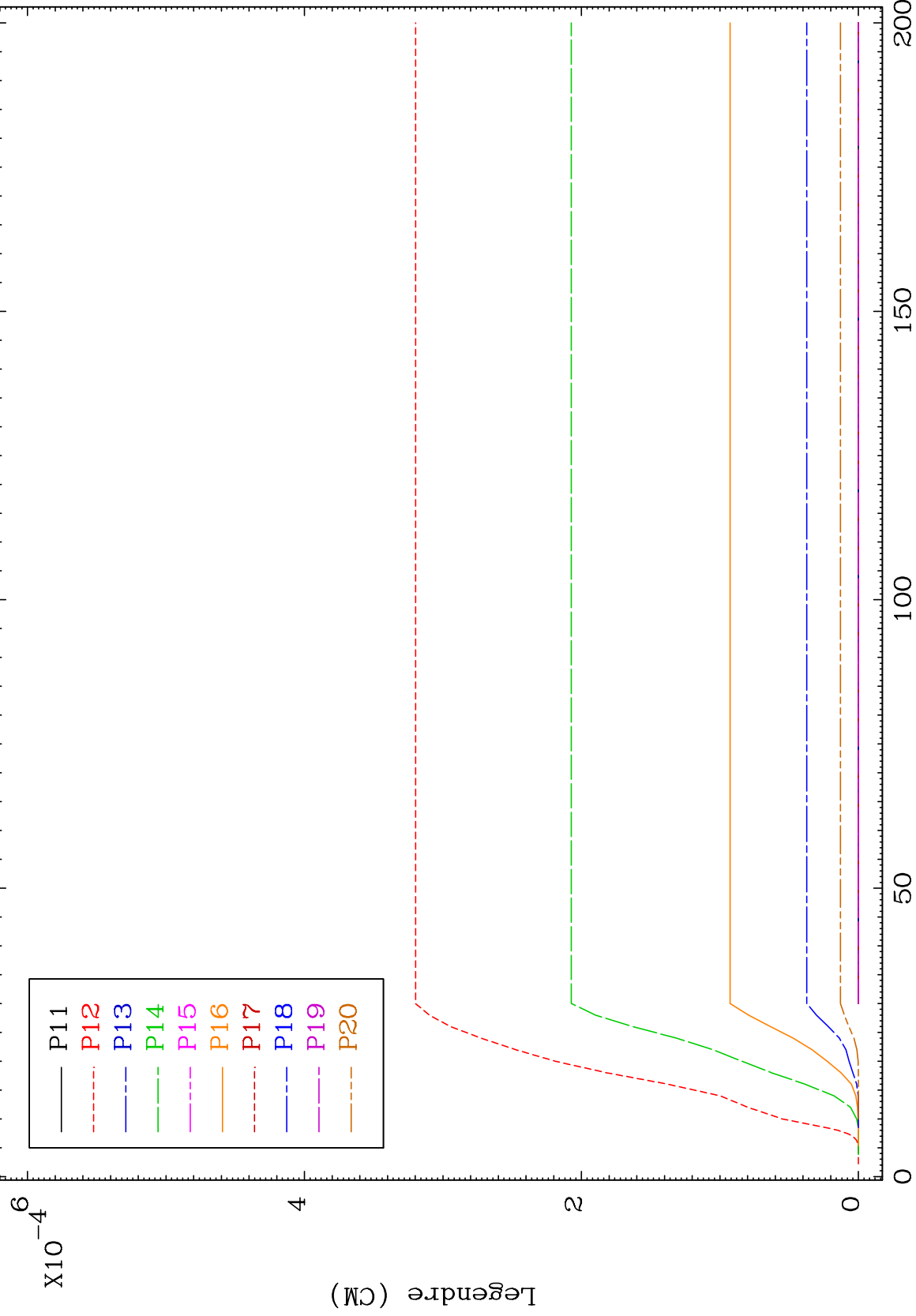




MAT 7722

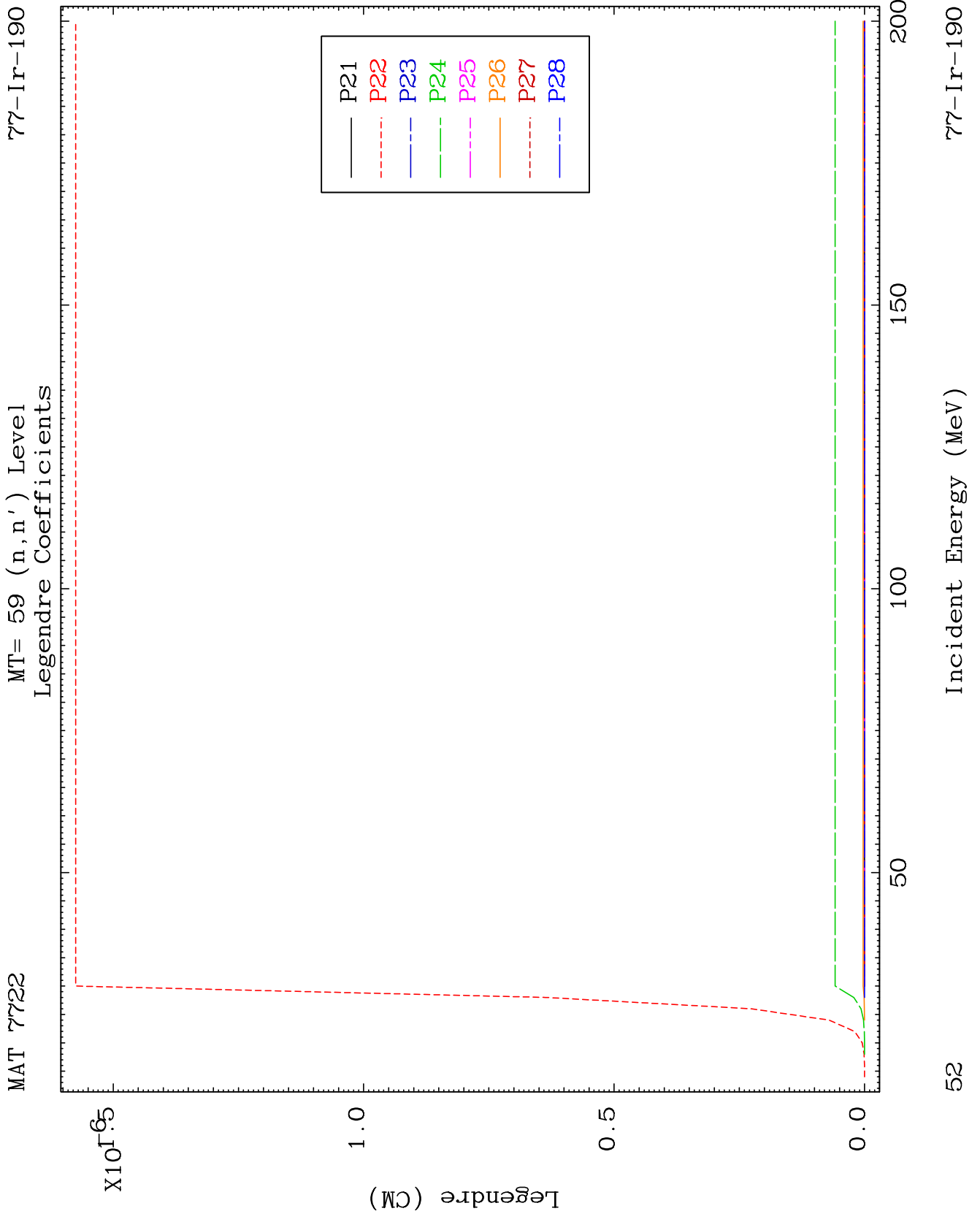
MT= 59 (n,n') Level  
Legendre Coefficients

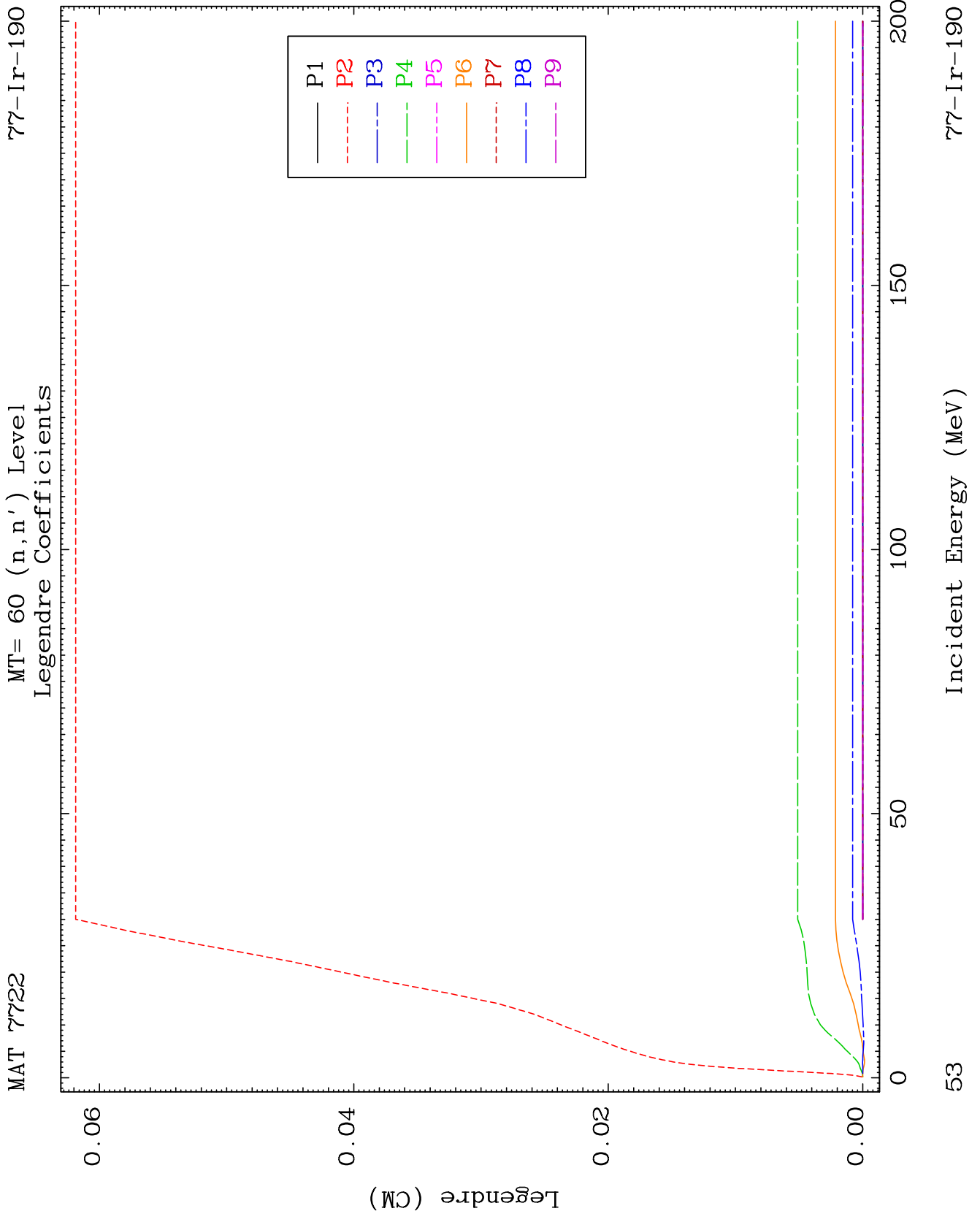
77-Ir-190

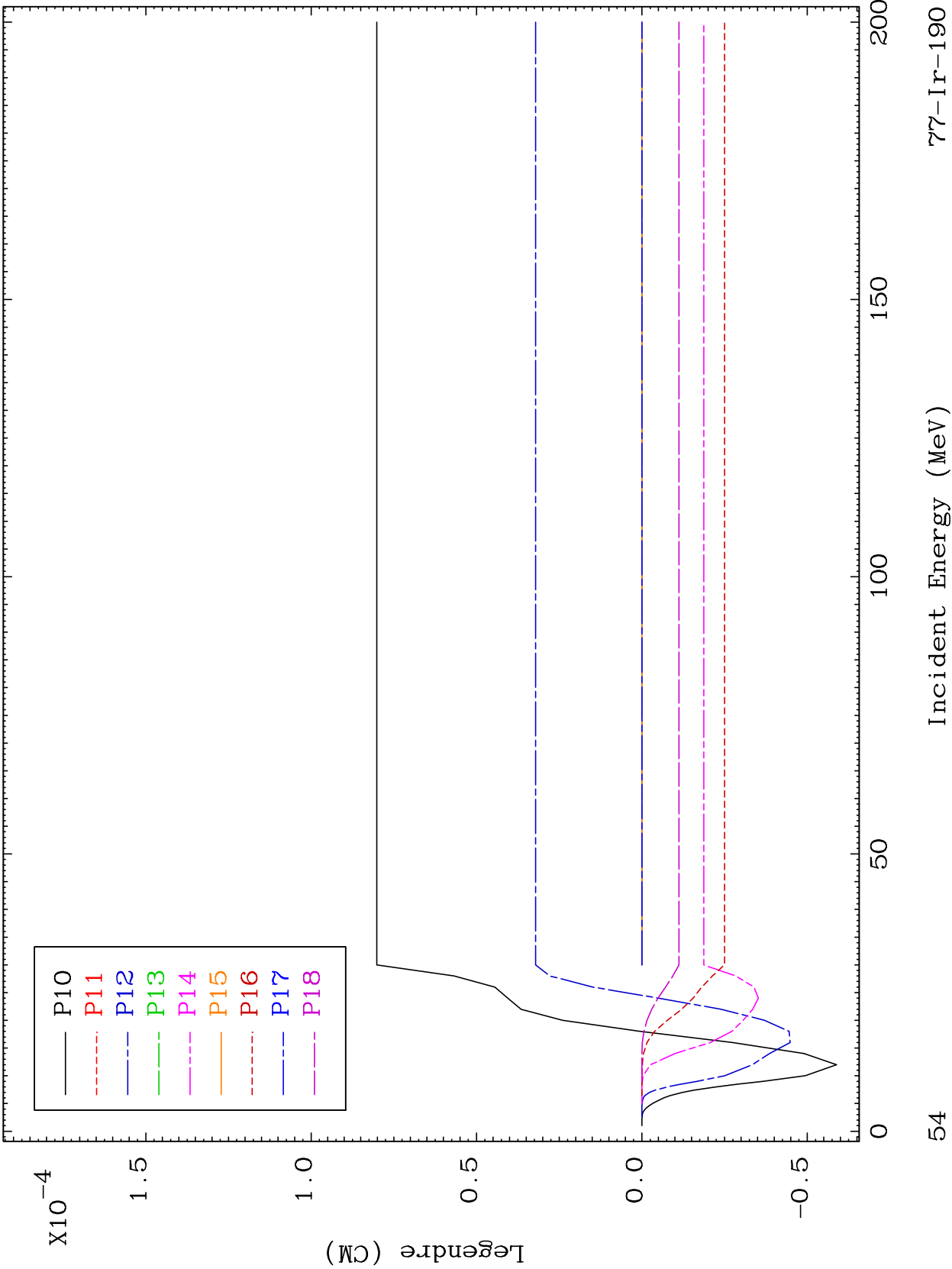


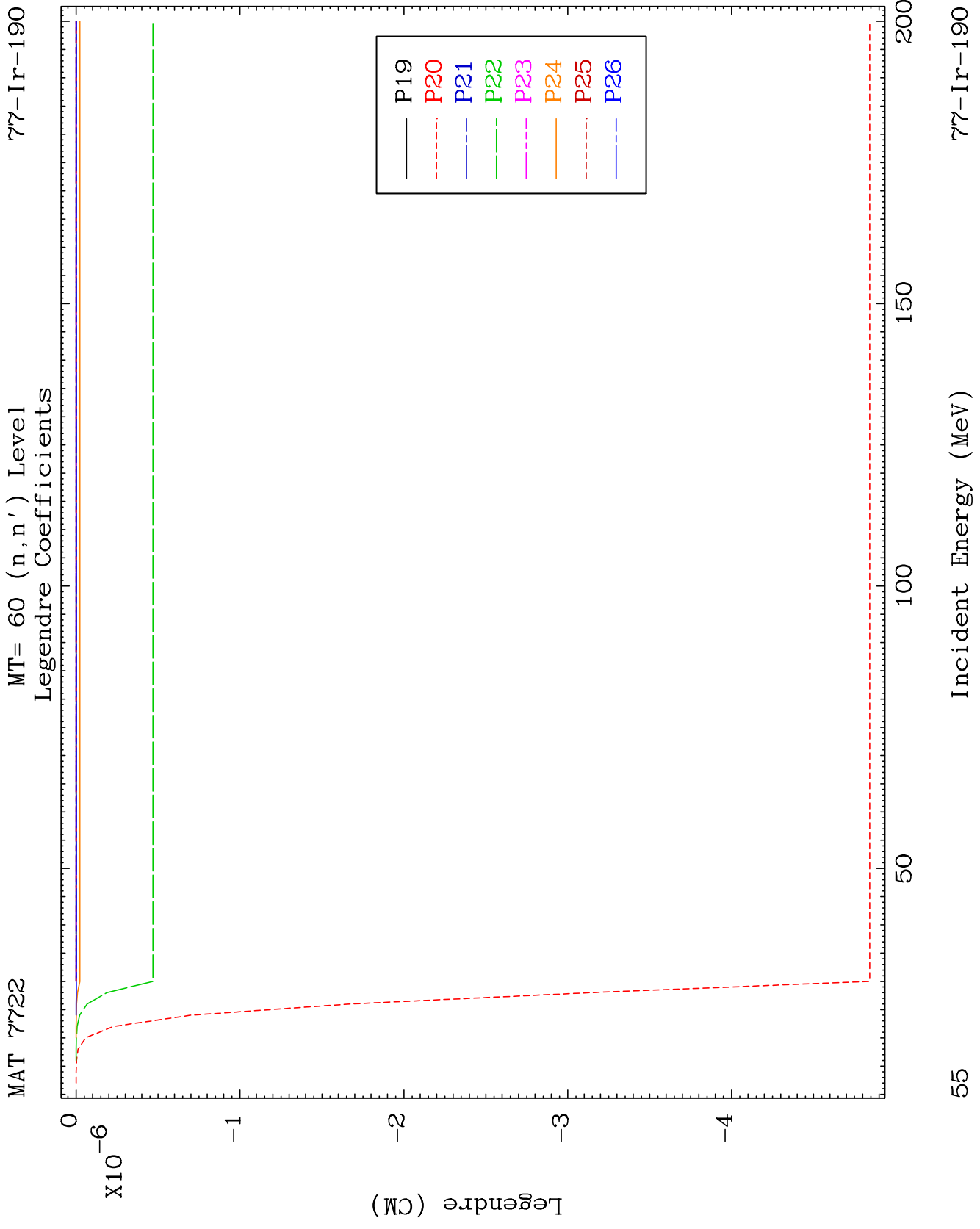
51

77-Ir-190







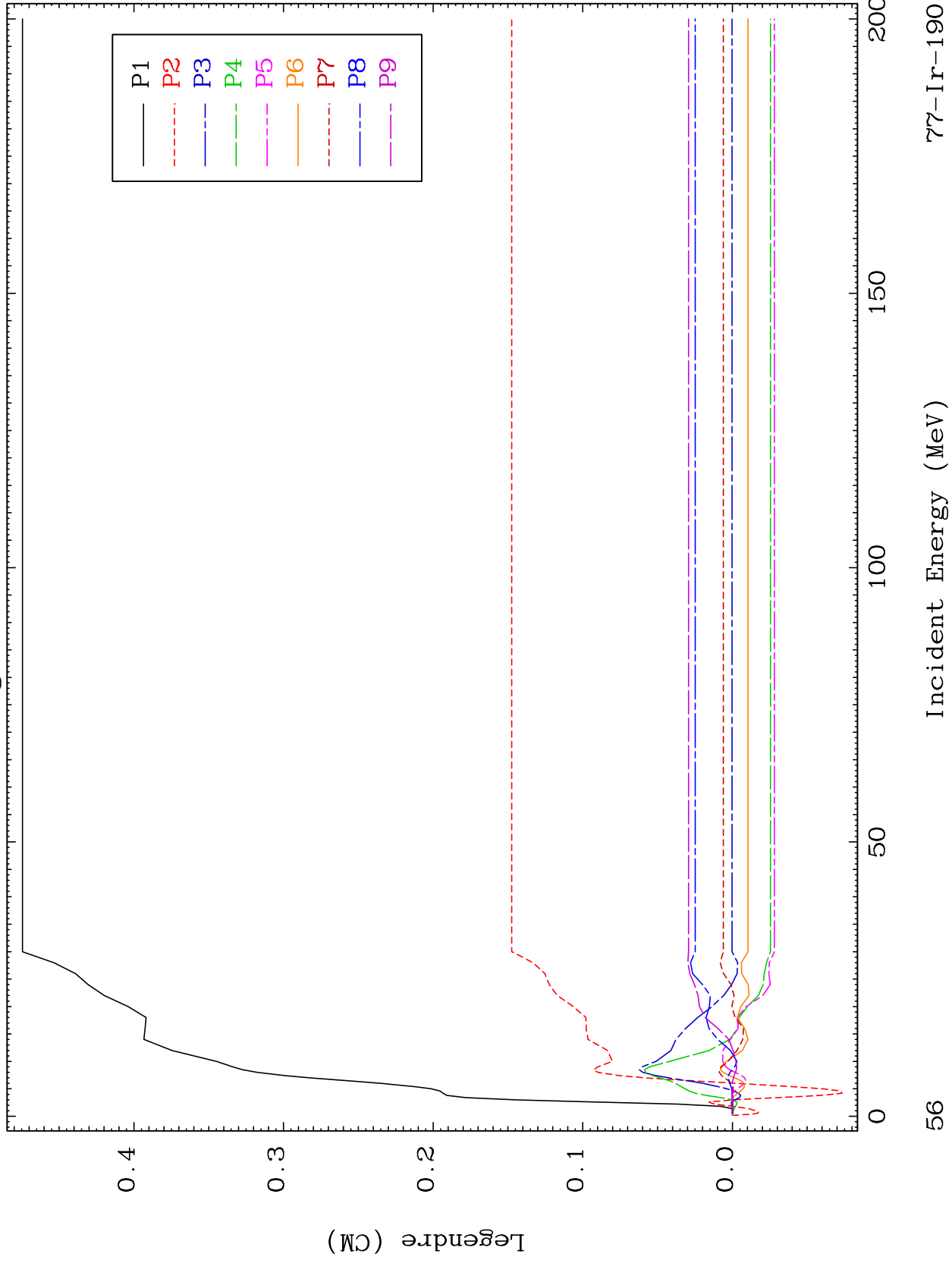




MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

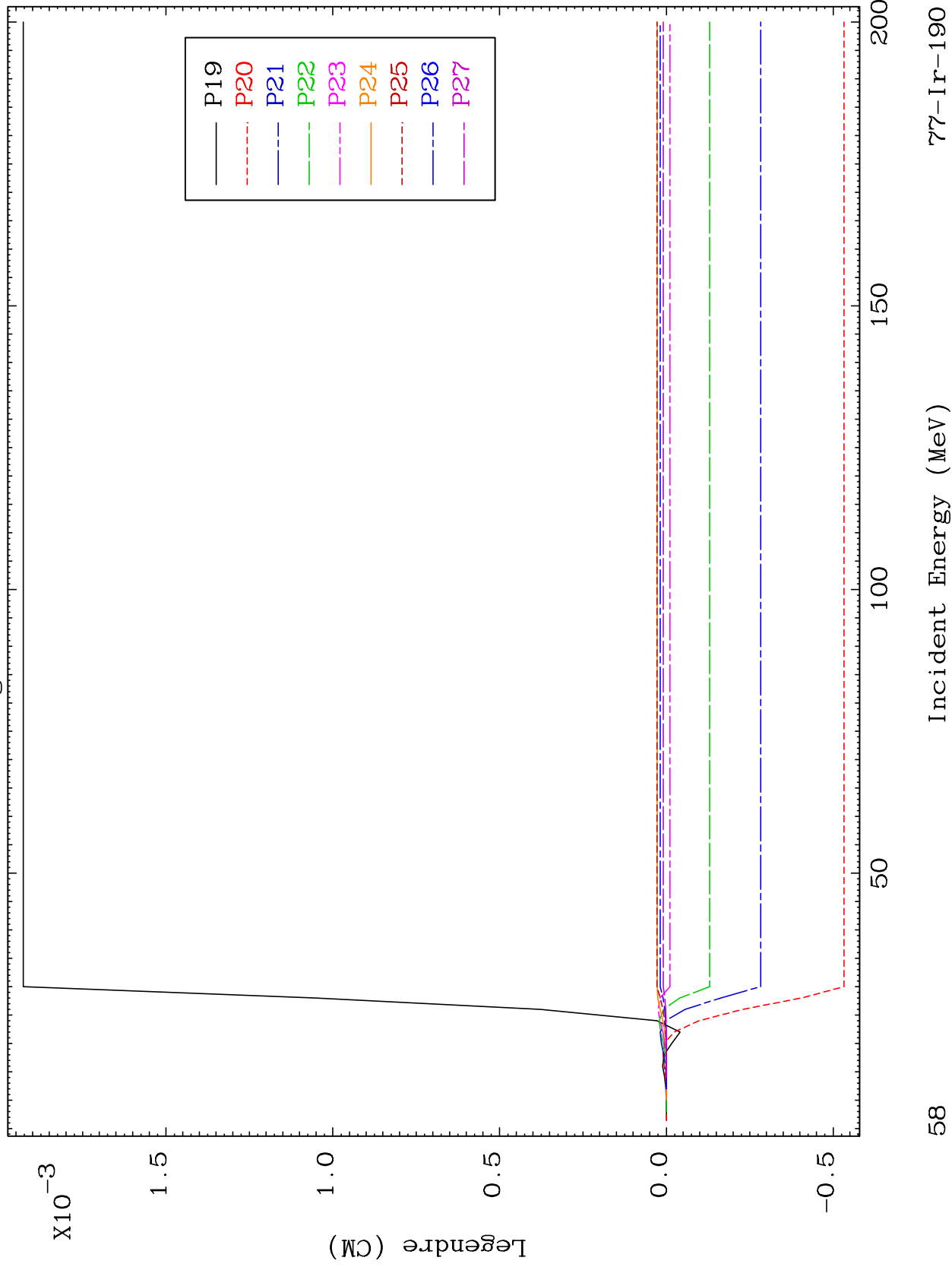
56



MAT 7722

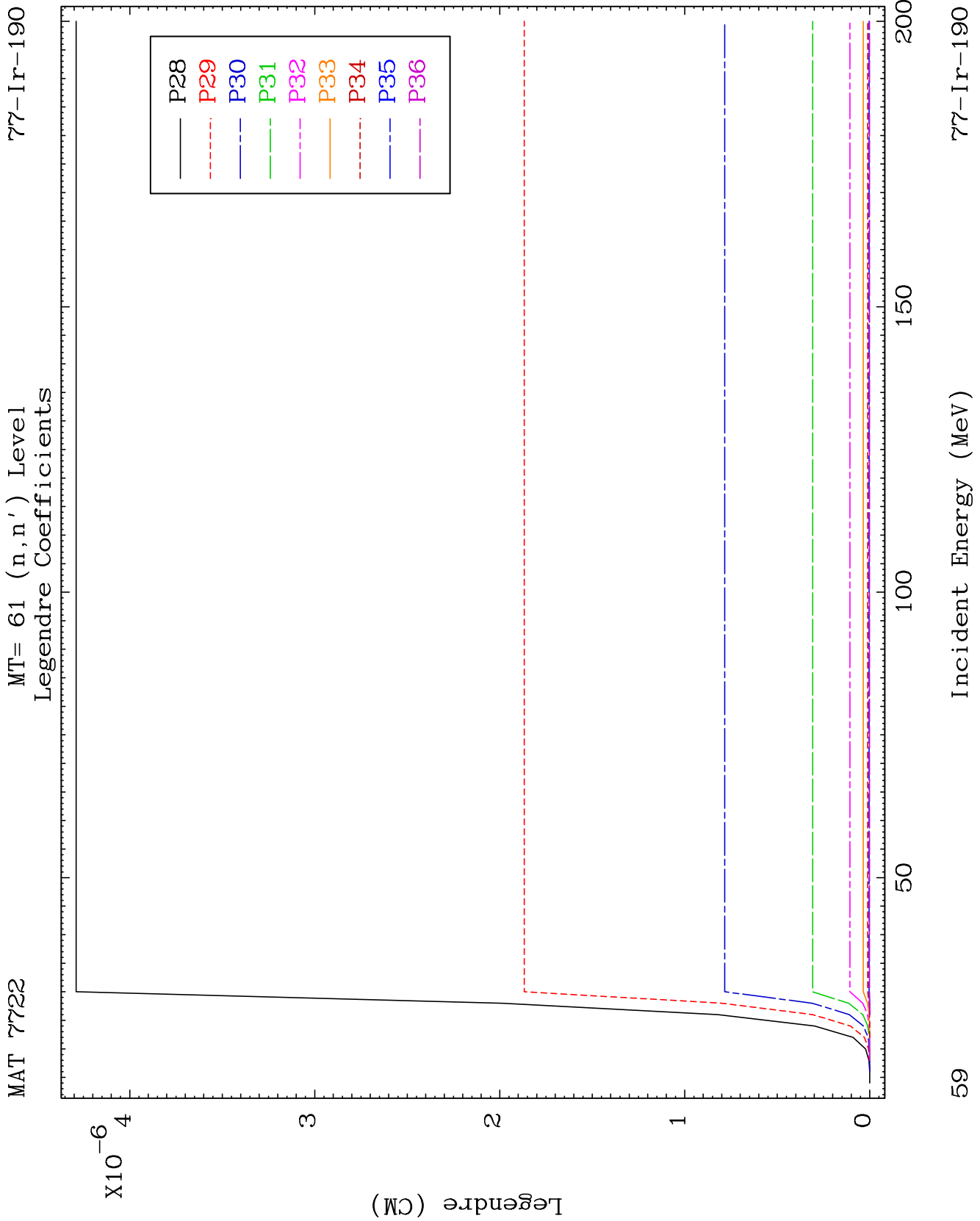
MT= 61 (n,n') Level  
Legendre Coefficients

77-Ir-190



58

77-Ir-190

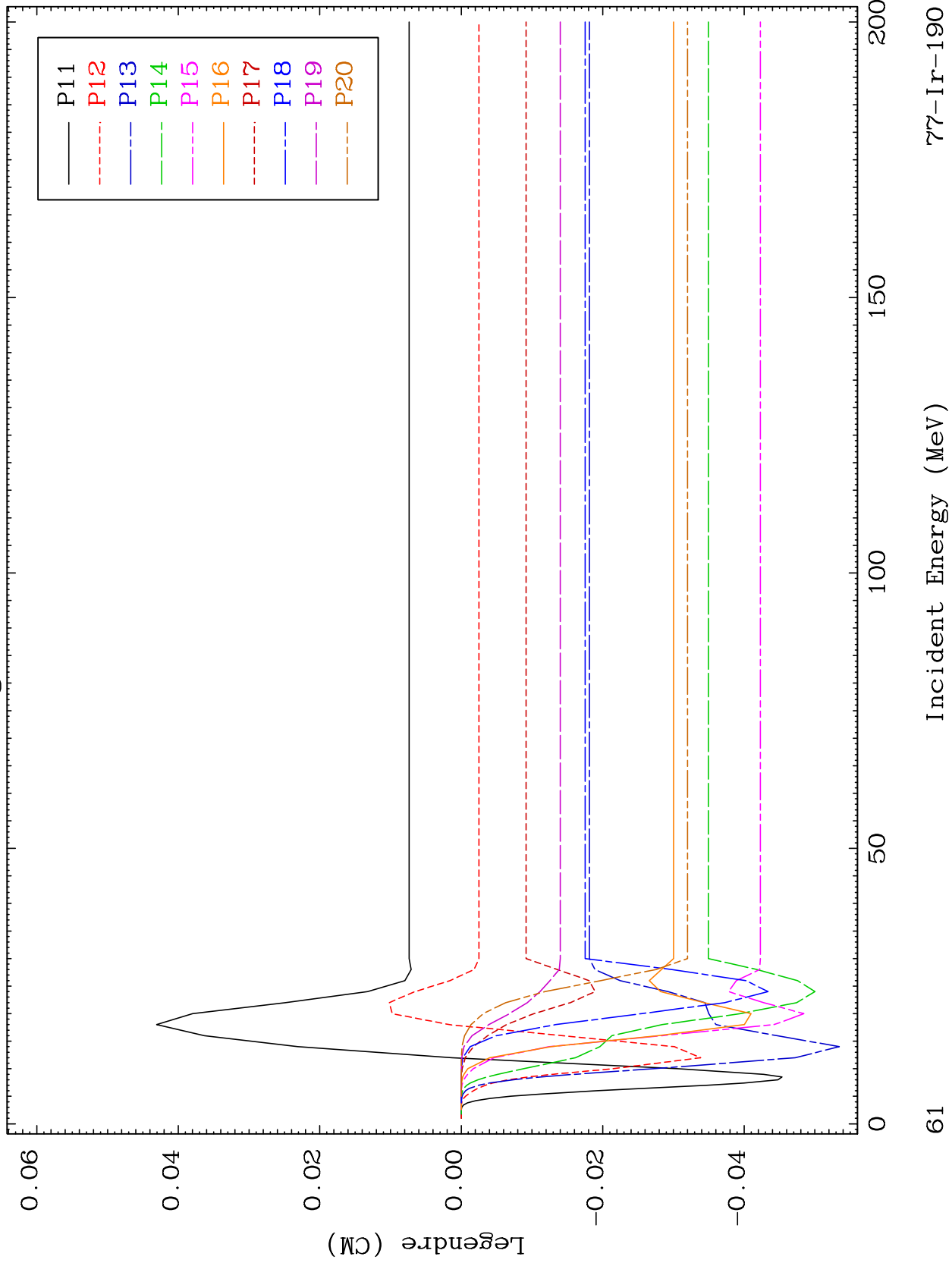




MAT 7722

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

77-Ir-190



61

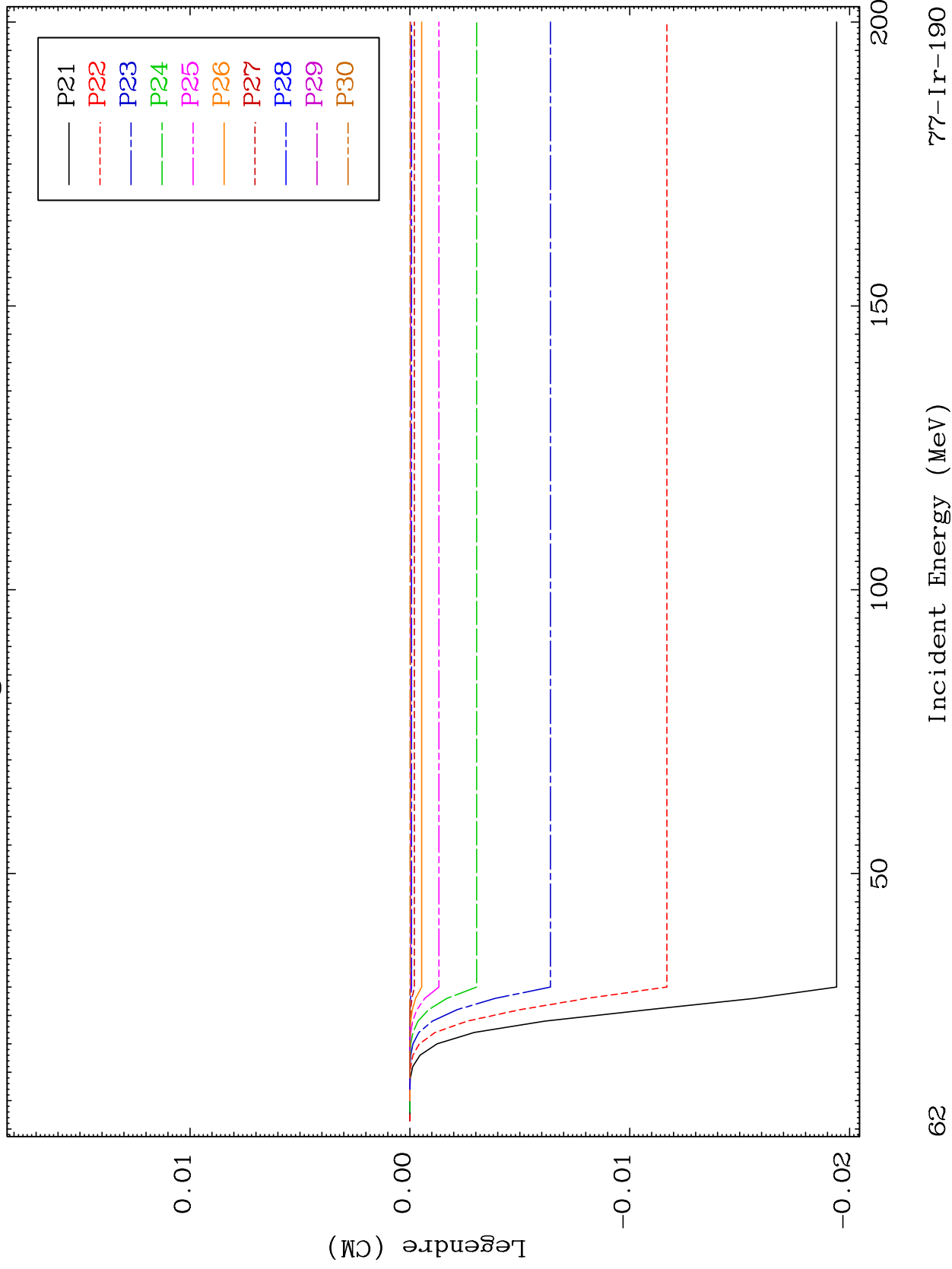
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

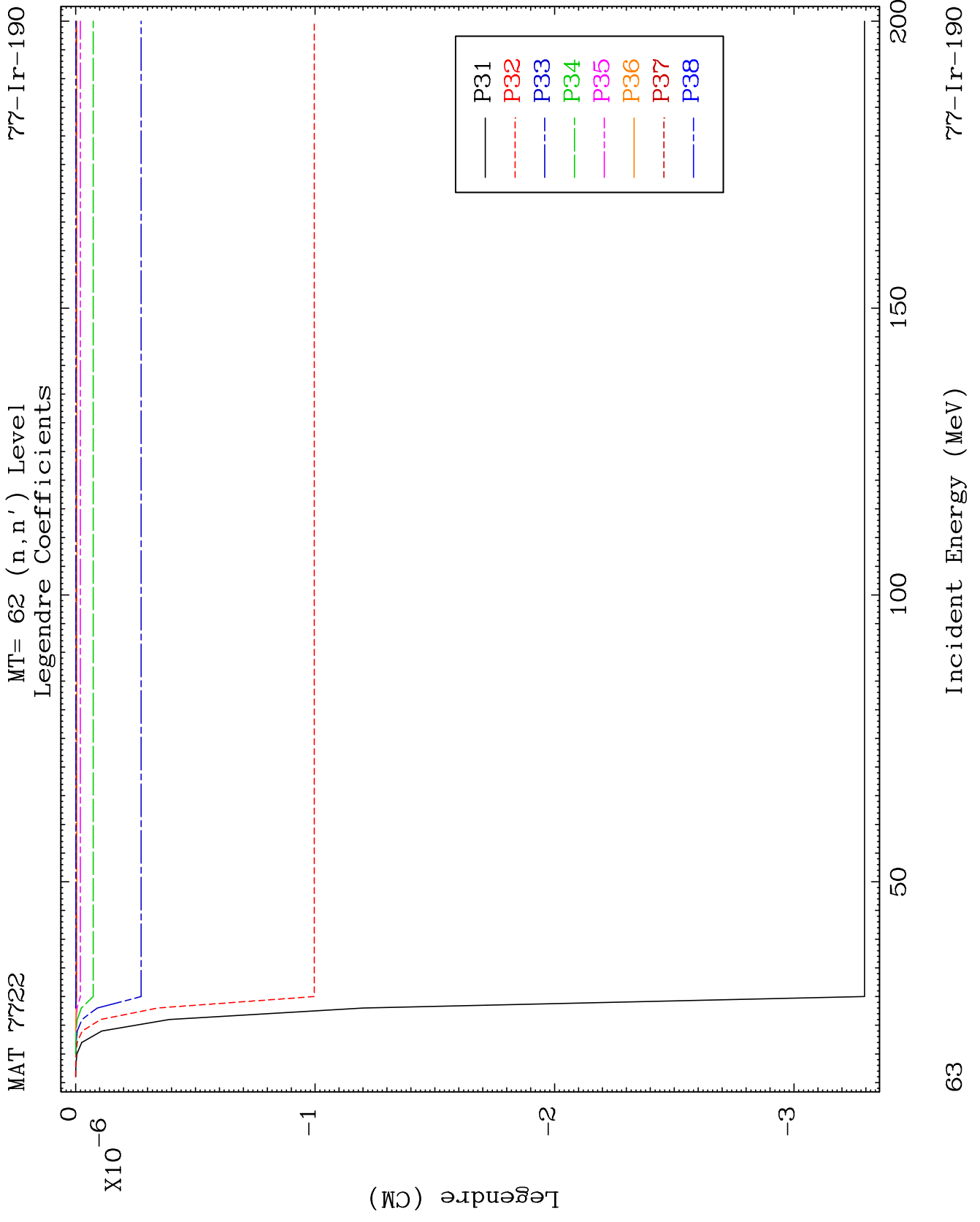
77-Ir-190



62

Incident Energy (MeV)

77-Ir-190

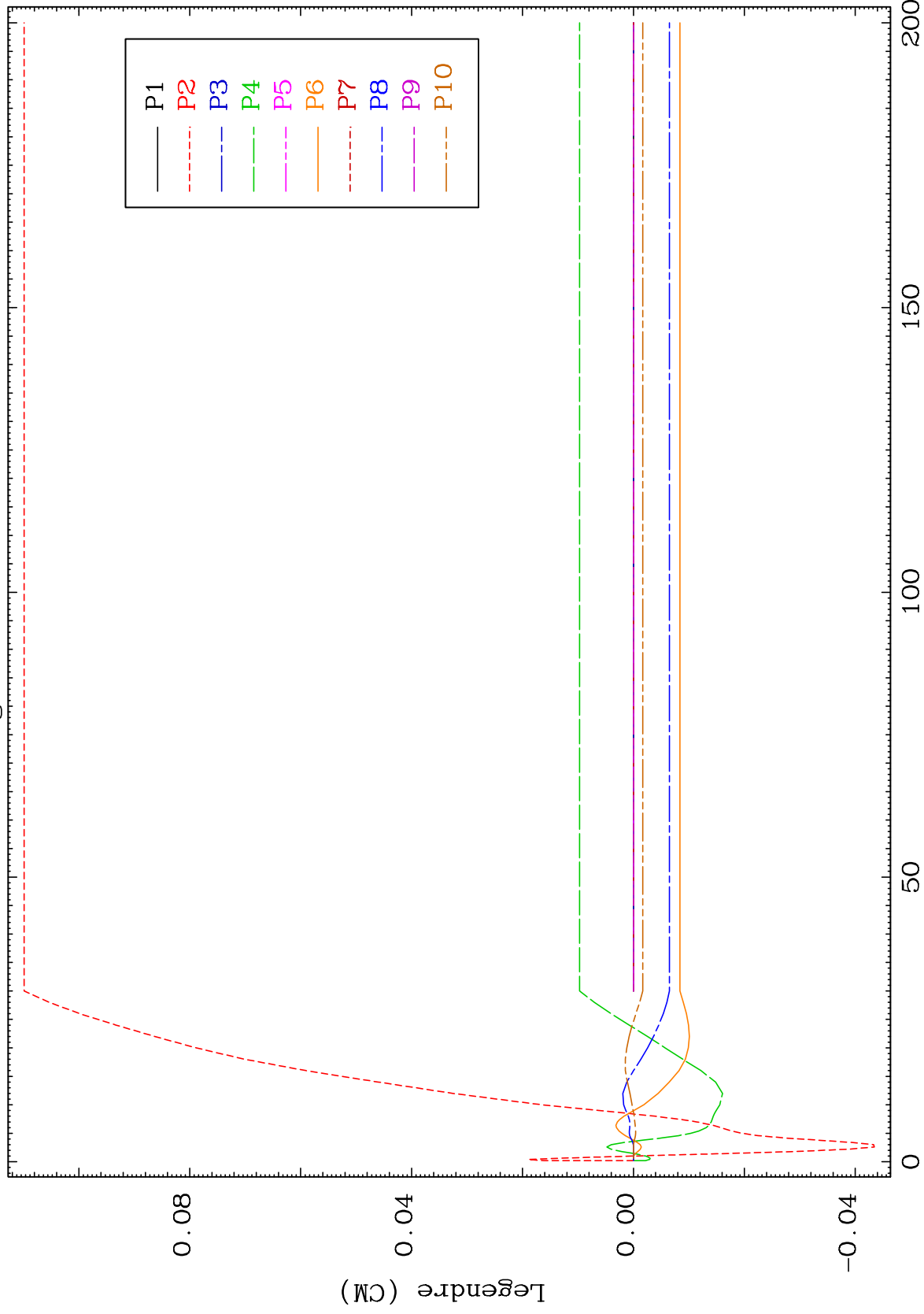




MAT 7722

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

77-Ir-190



77-Ir-190

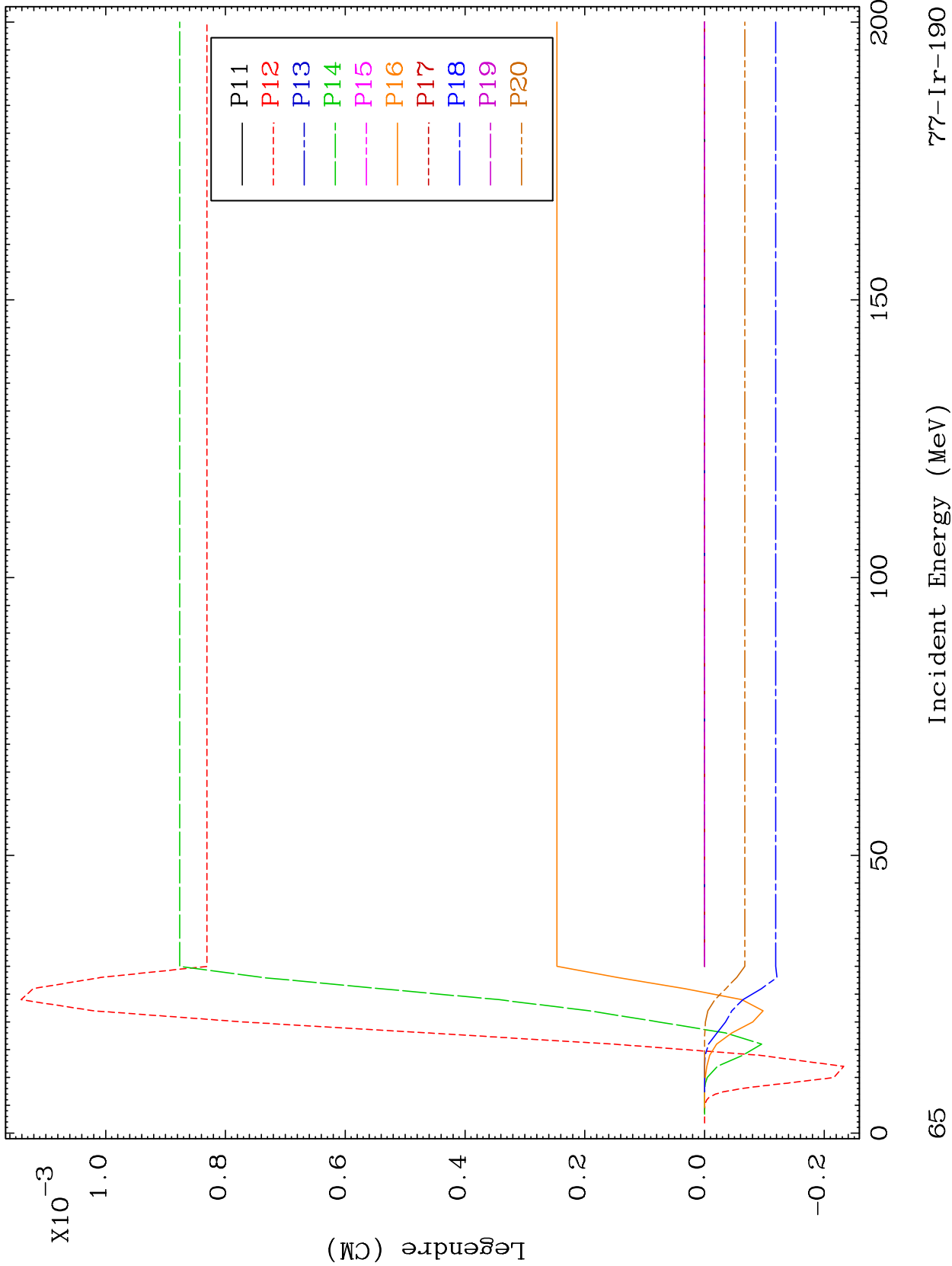
Incident Energy (MeV)

64

MAT 7722

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

77-Ir-190



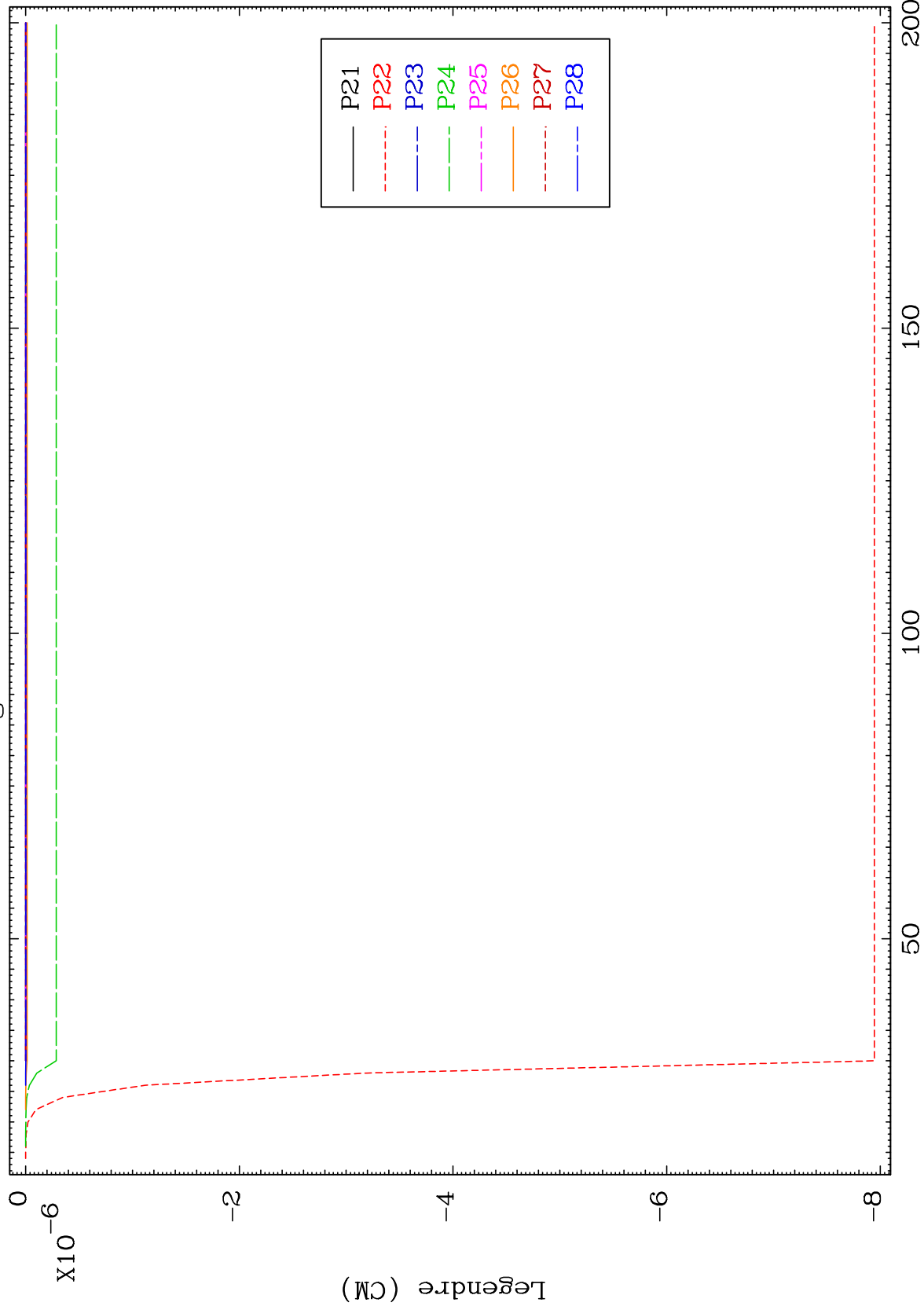
65

77-Ir-190

MAT 7722

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

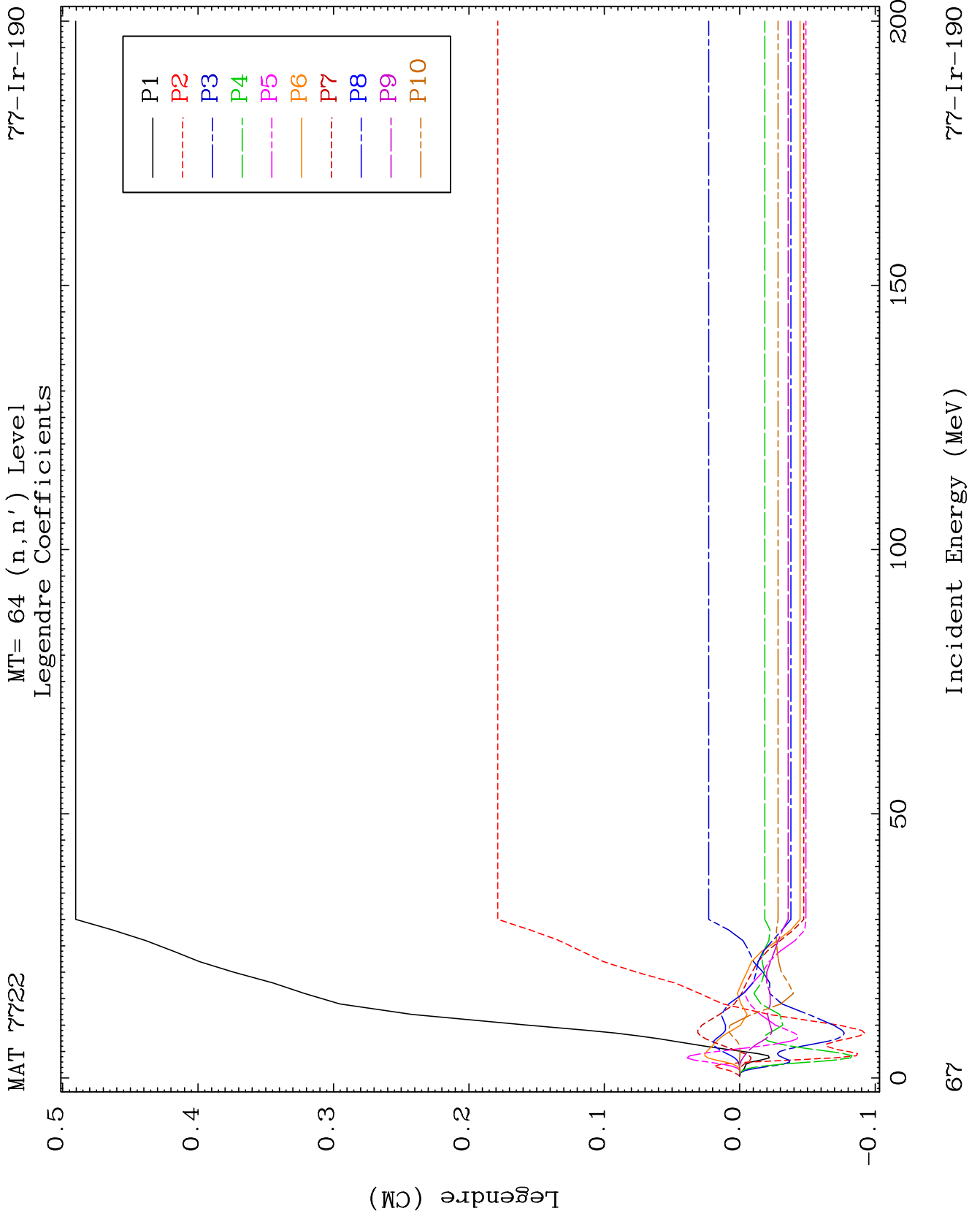
77-Ir-190



77-Ir-190

Incident Energy (MeV)

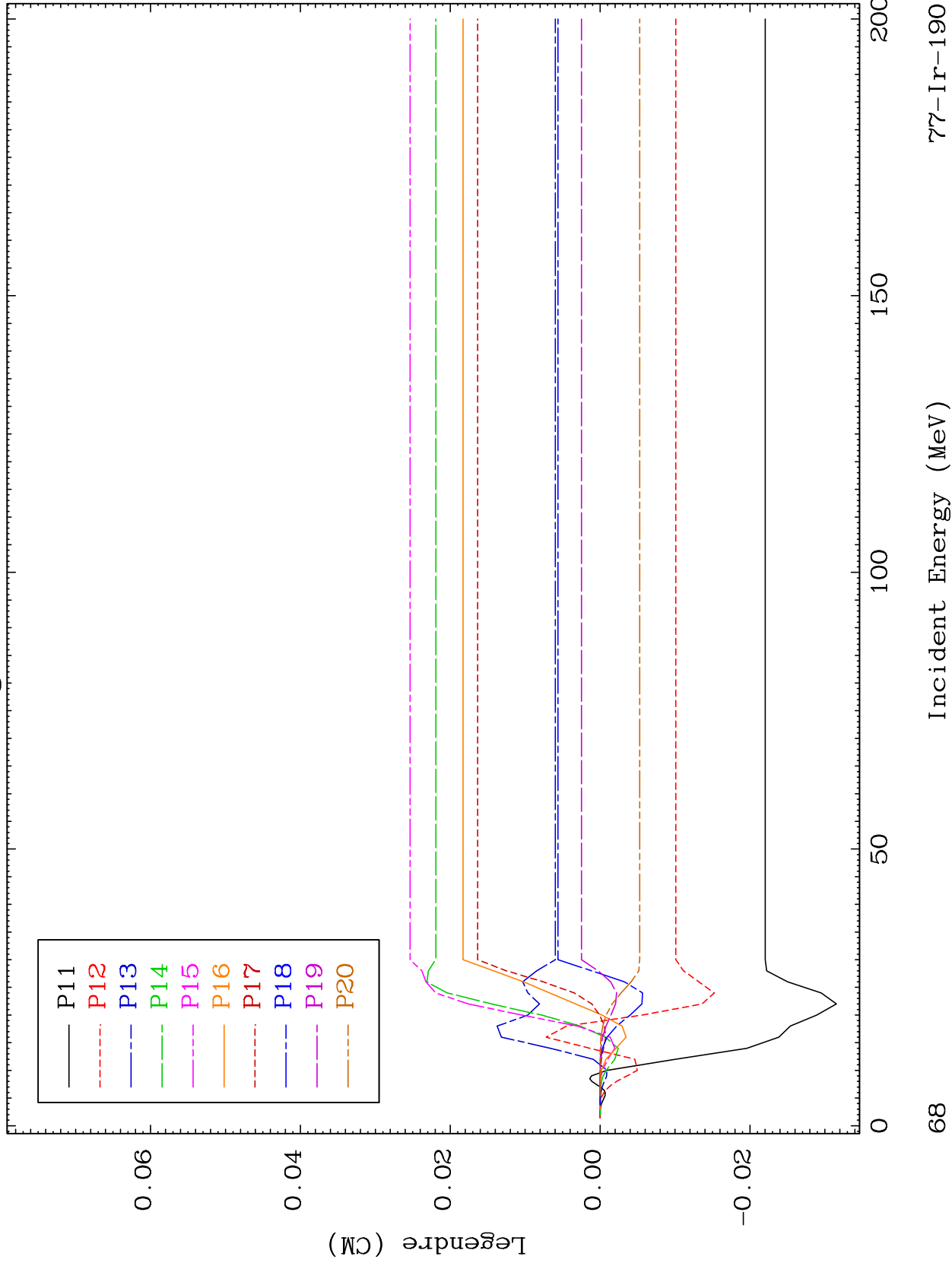
66



MAT 7722

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

77-Ir-190



77-Ir-190

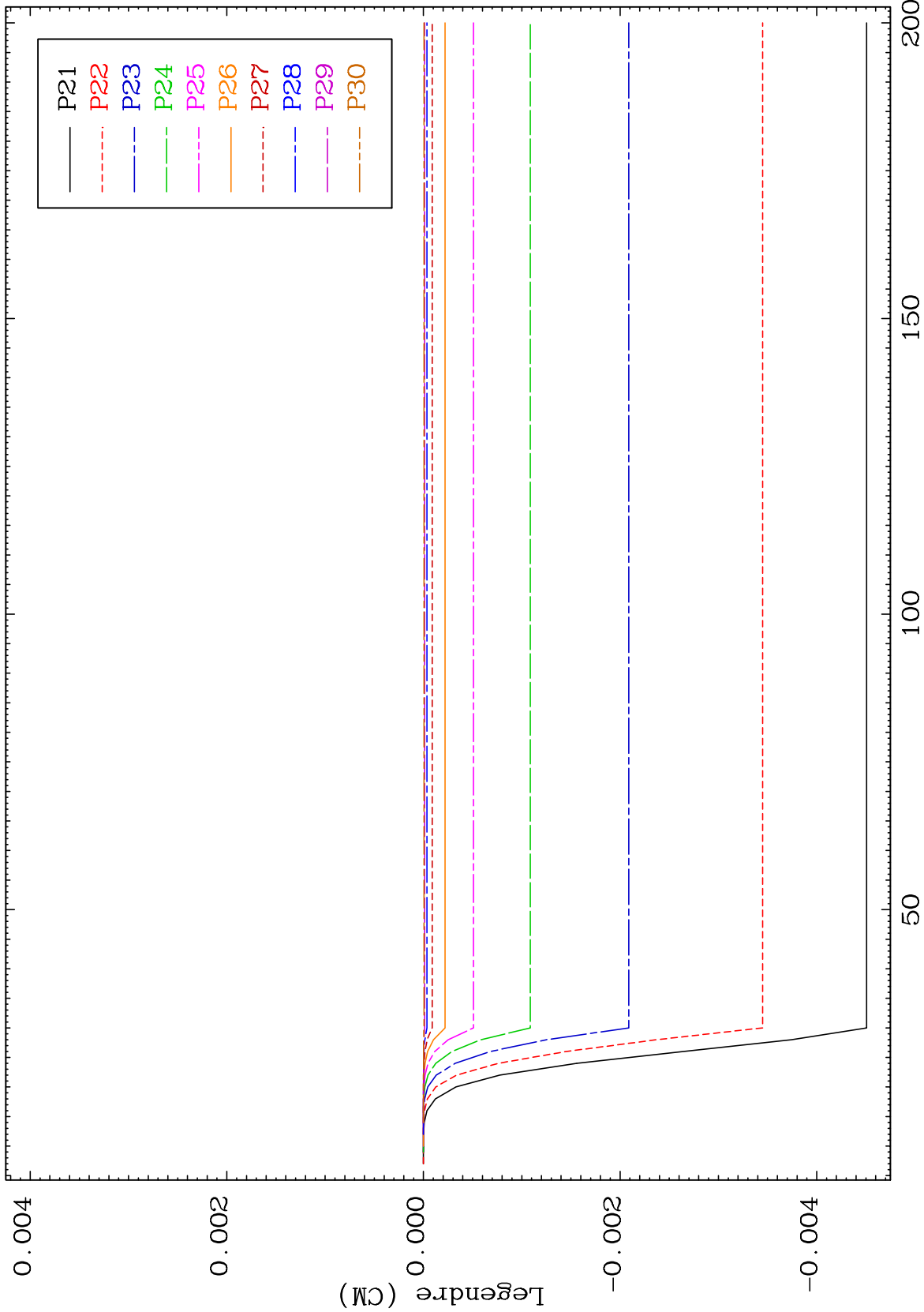
Incident Energy (MeV)

68

MAT 7722

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

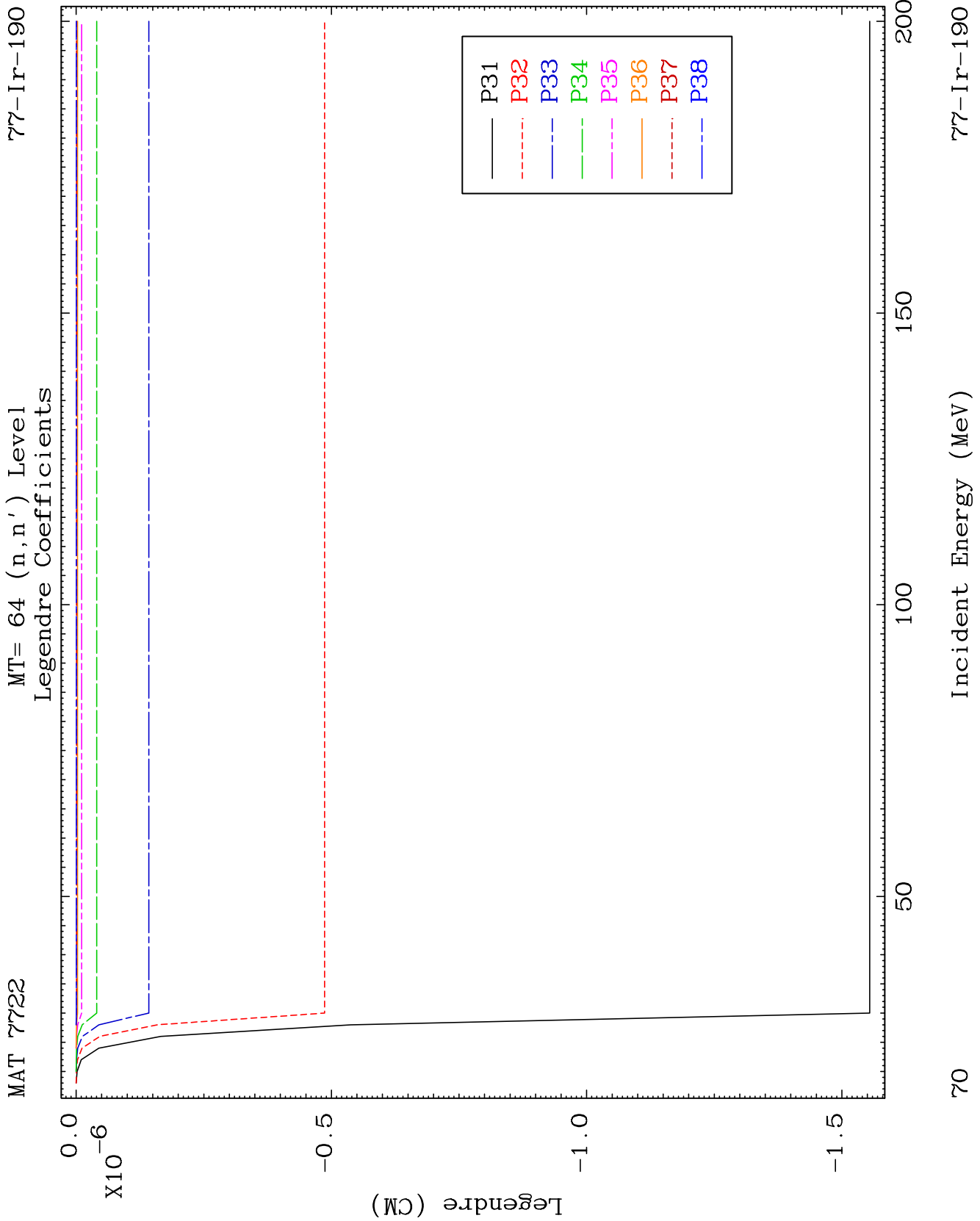
77-Ir-190



69

Incident Energy (MeV)

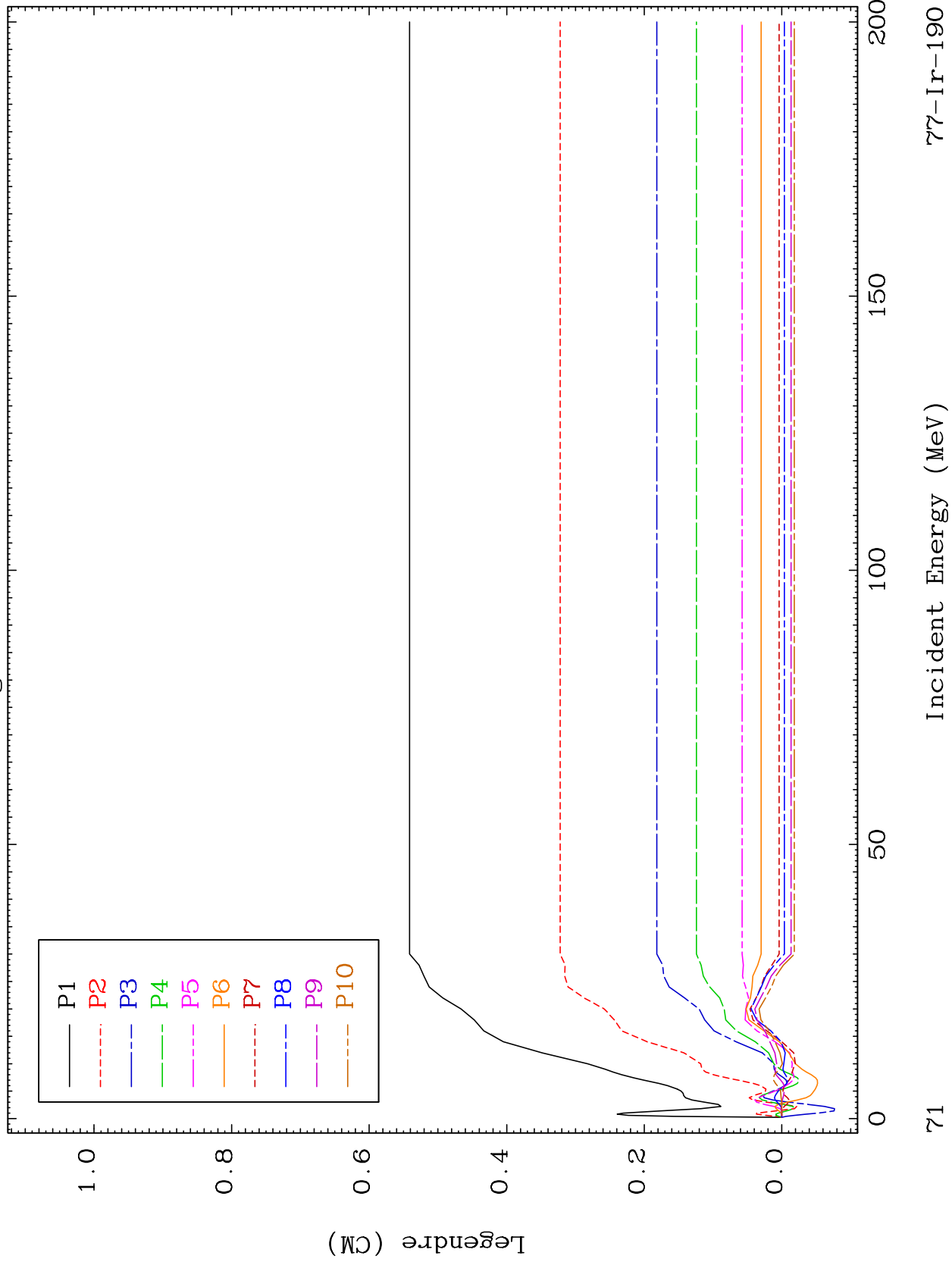
77-Ir-190



MAT 7722

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

77-Ir-190

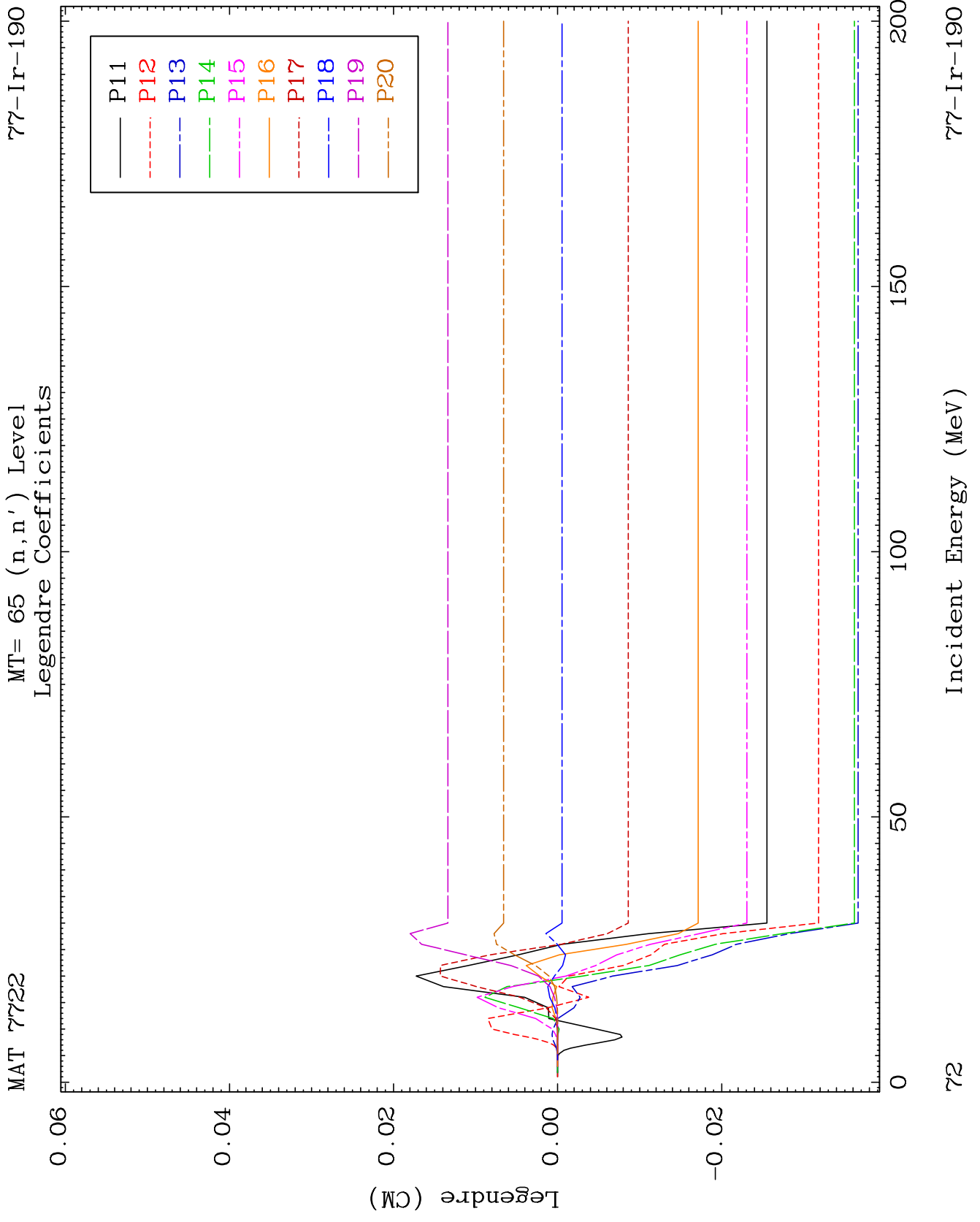


77-Ir-190

Incident Energy (MeV)

71

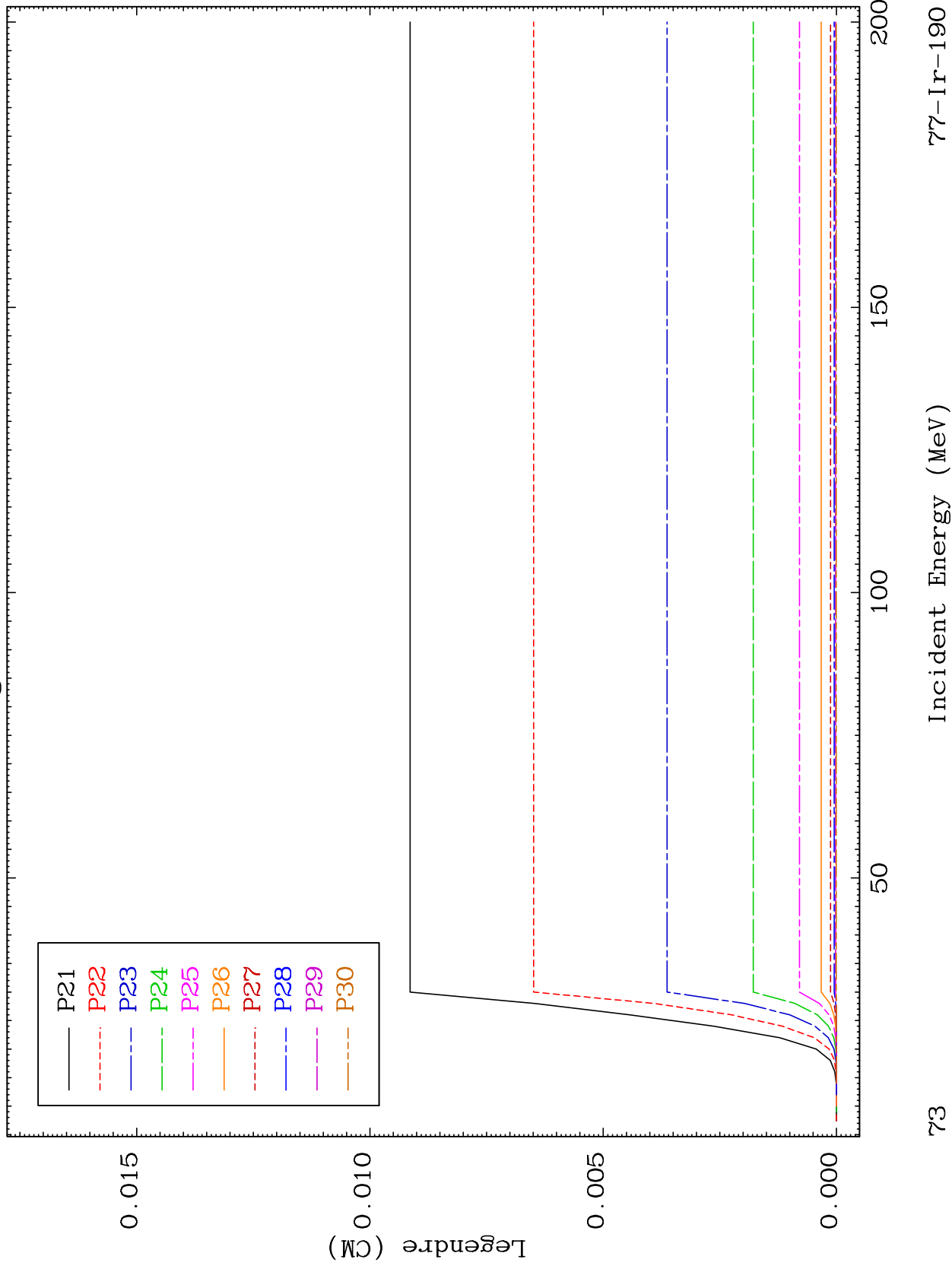




MAT 7722

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

77-Ir-190



73

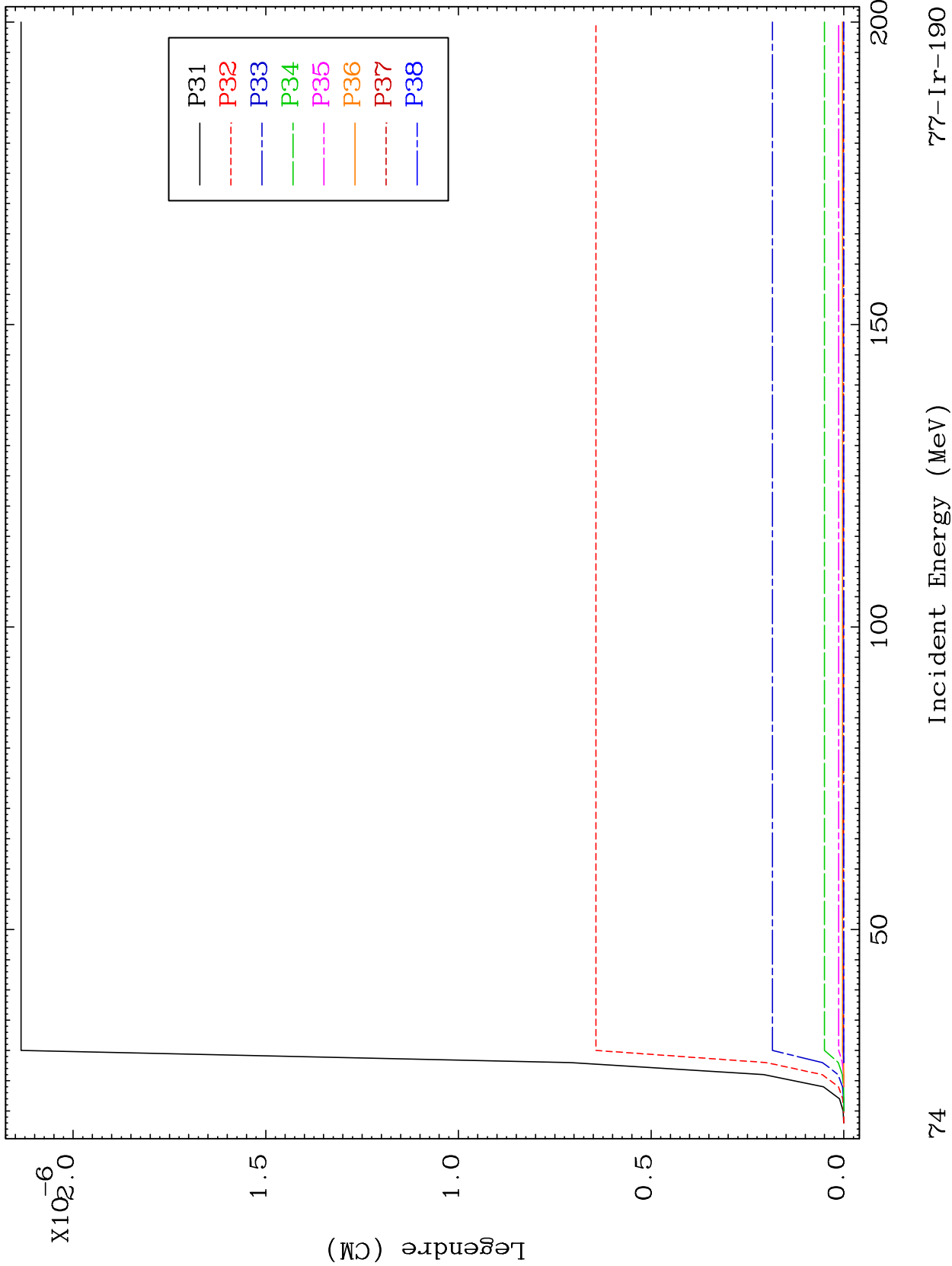
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190



74

Incident Energy (MeV)

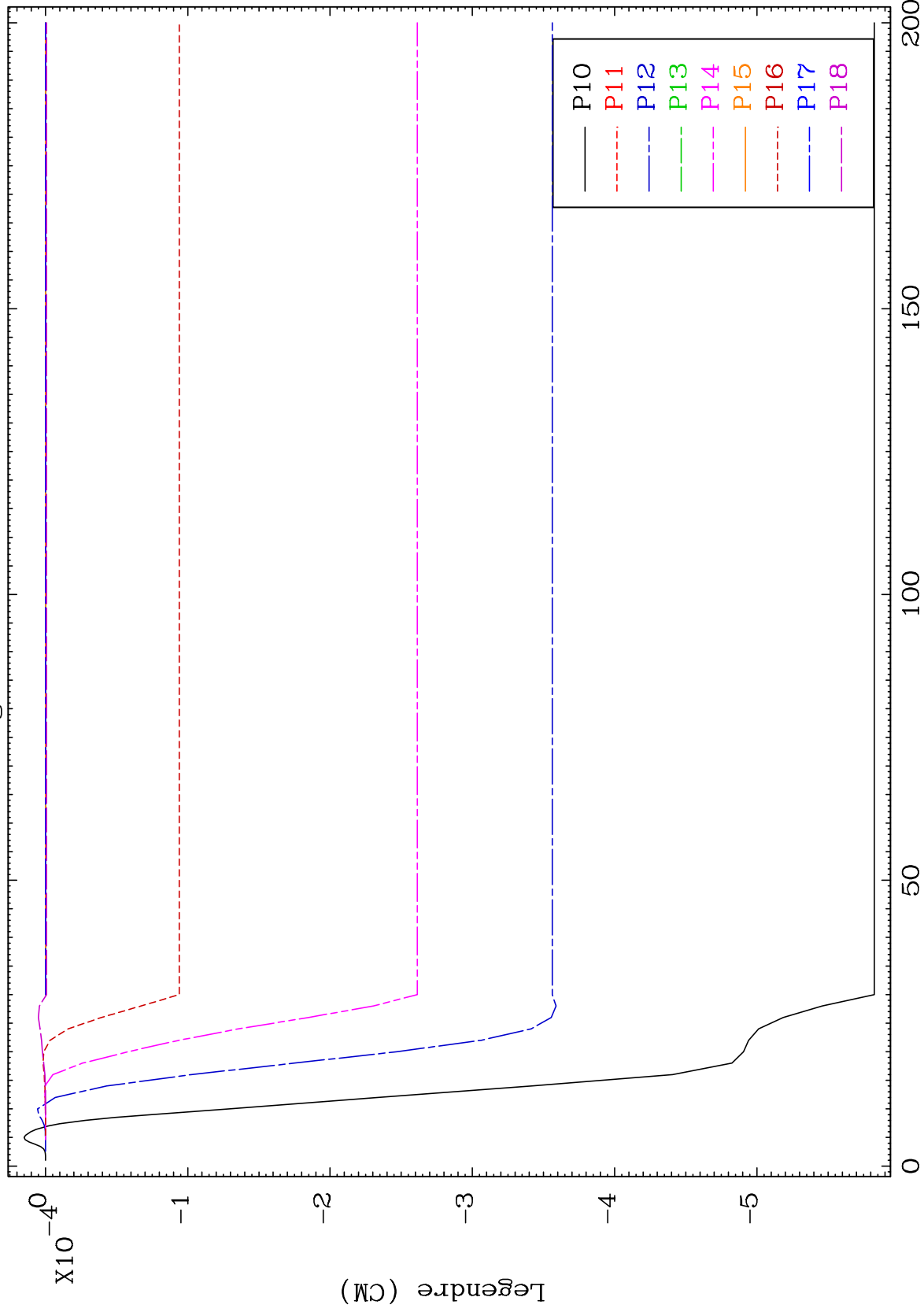
77-Ir-190



MAT 7722

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

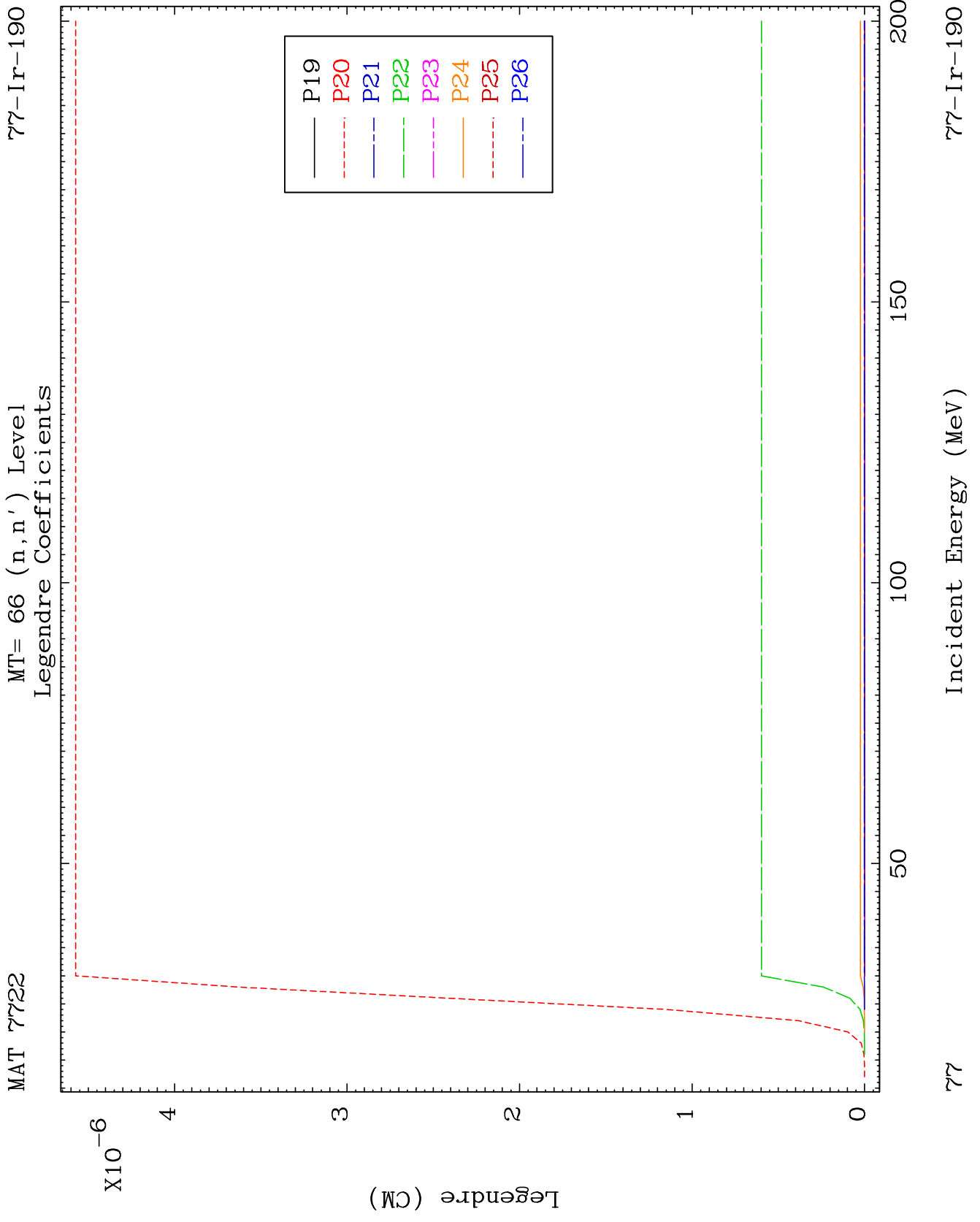
77-Ir-190

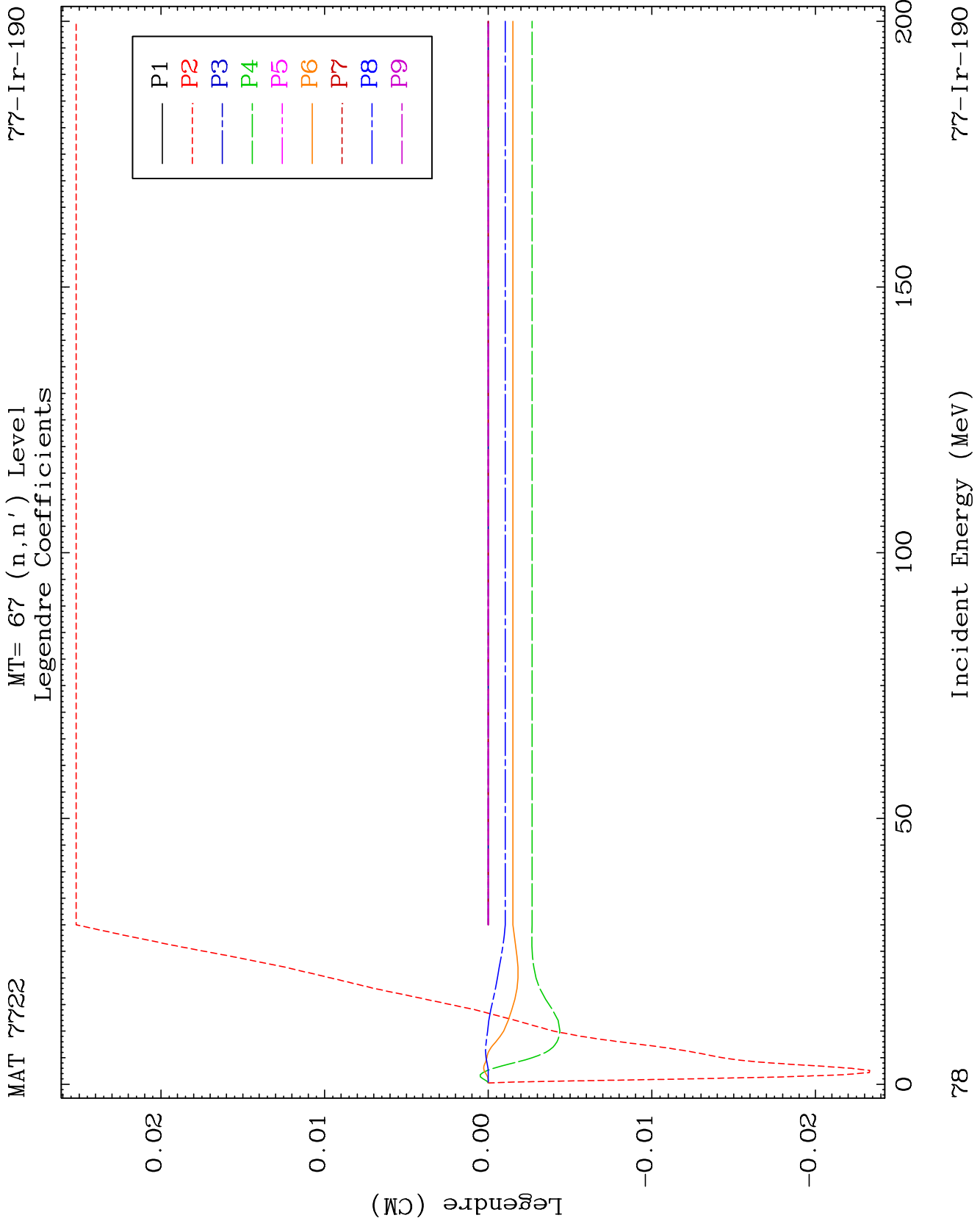


76

Incident Energy (MeV)

77-Ir-190

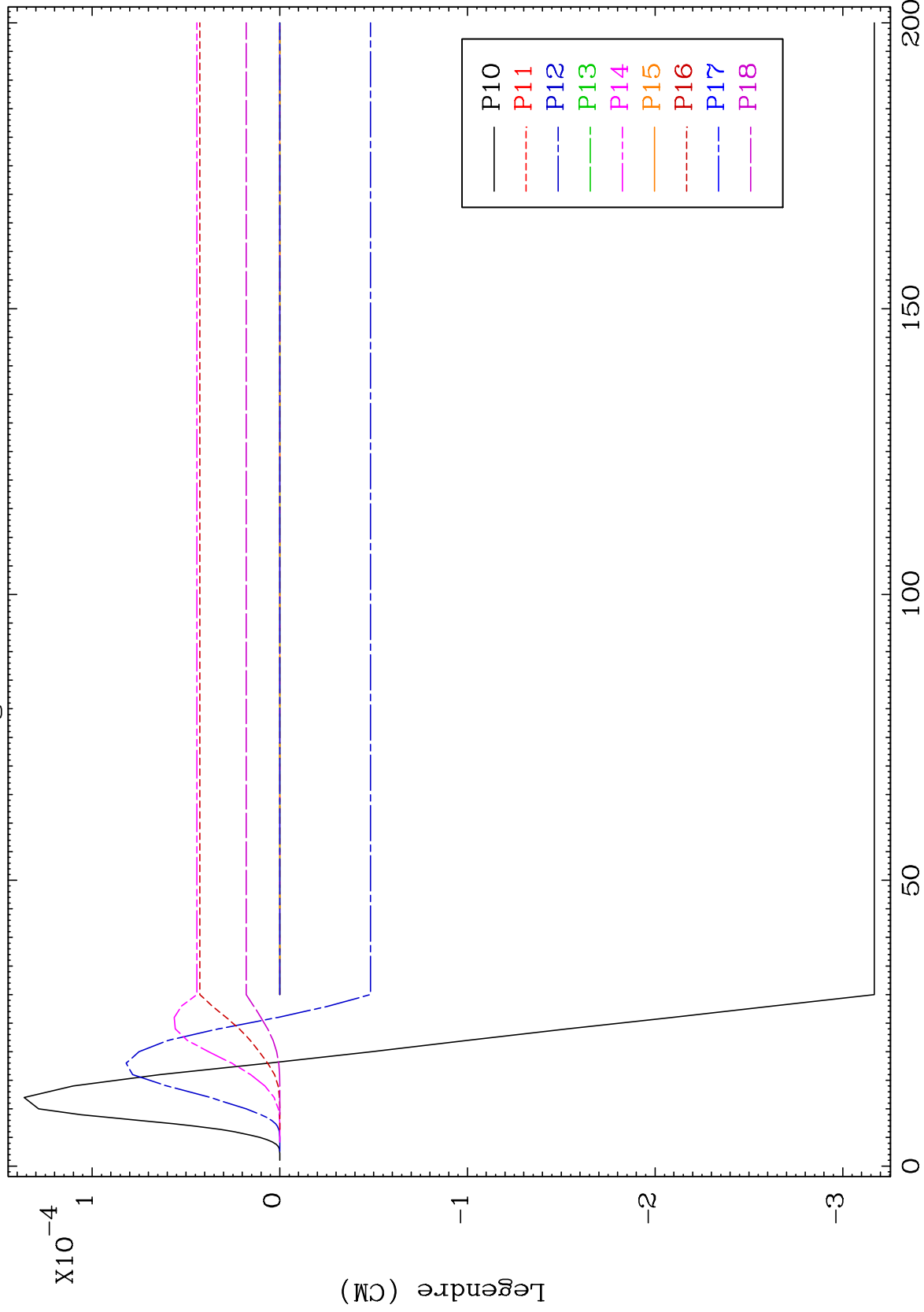




MAT 7722

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

77-Ir-190



79

Incident Energy (MeV)

77-Ir-190

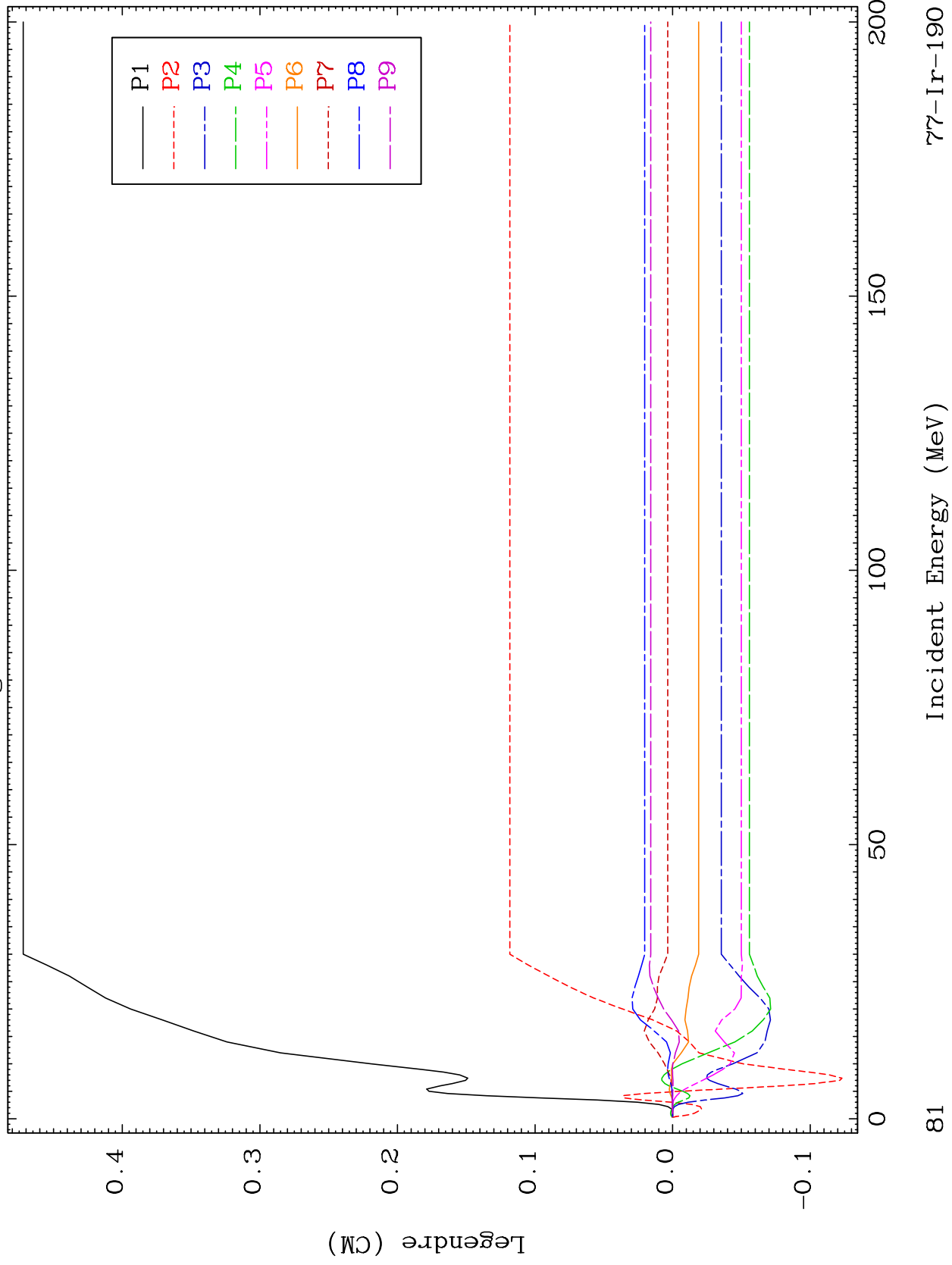




MAT 7722

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

77-Ir-190



81

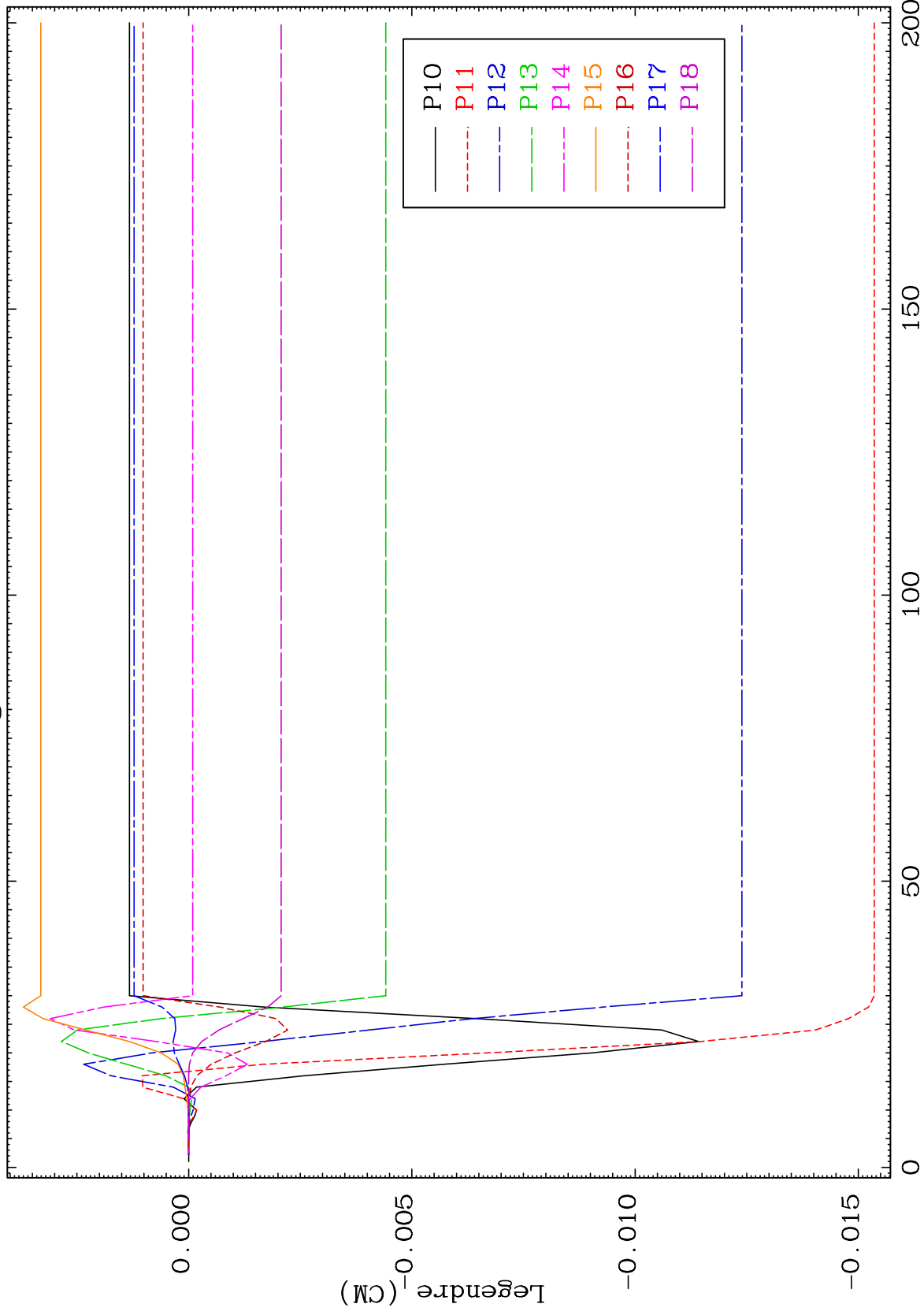
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

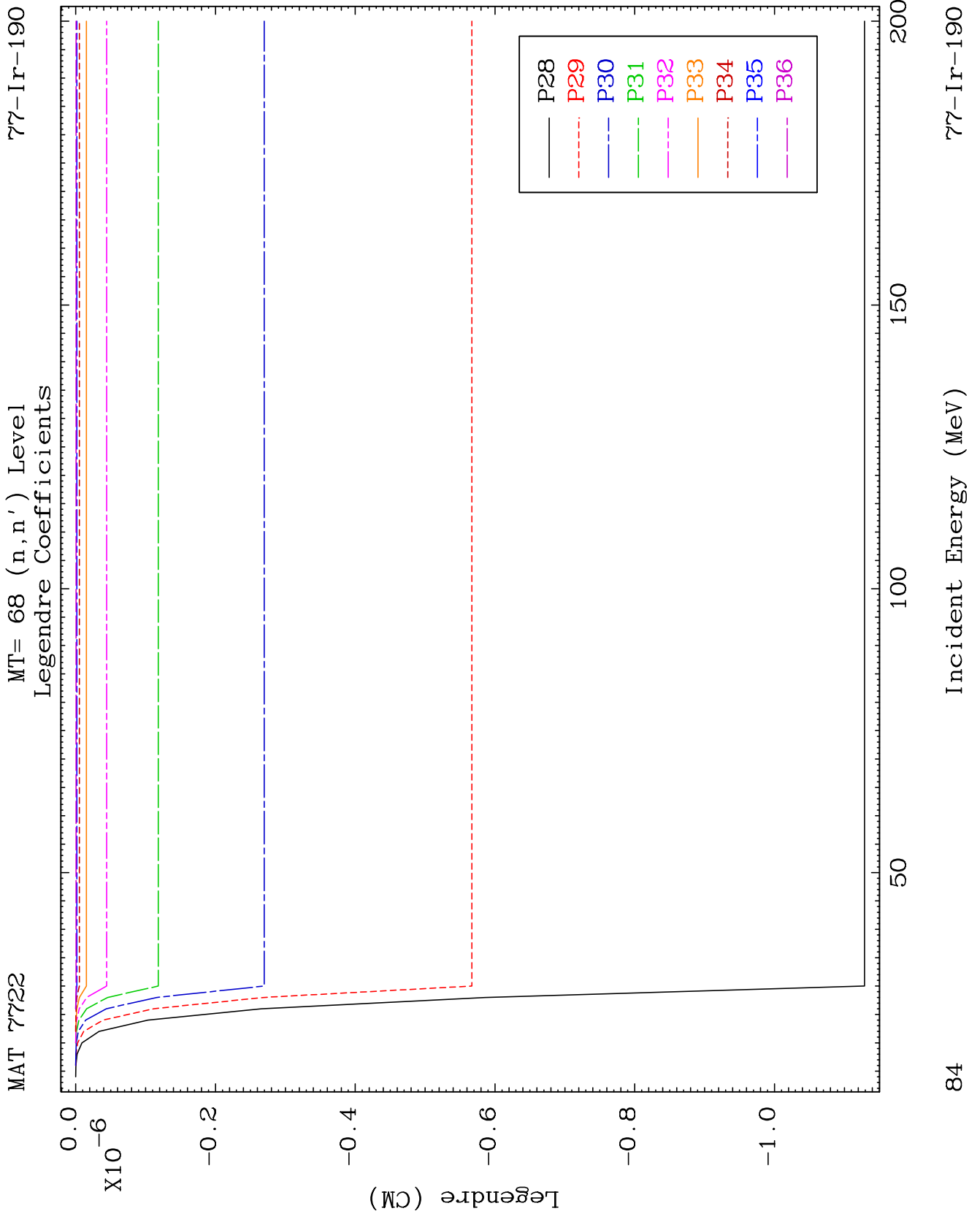


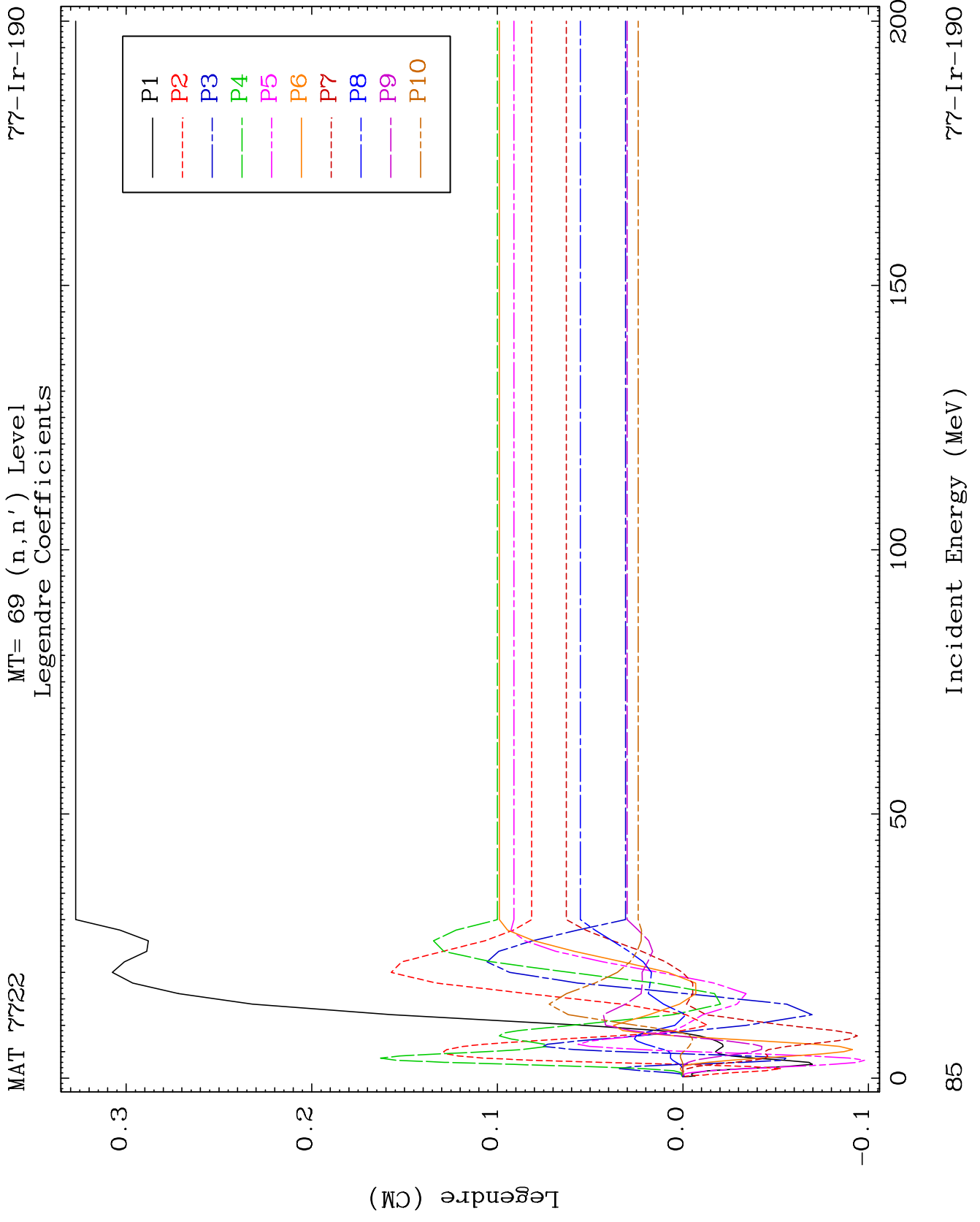
82

Incident Energy (MeV)

77-Ir-190



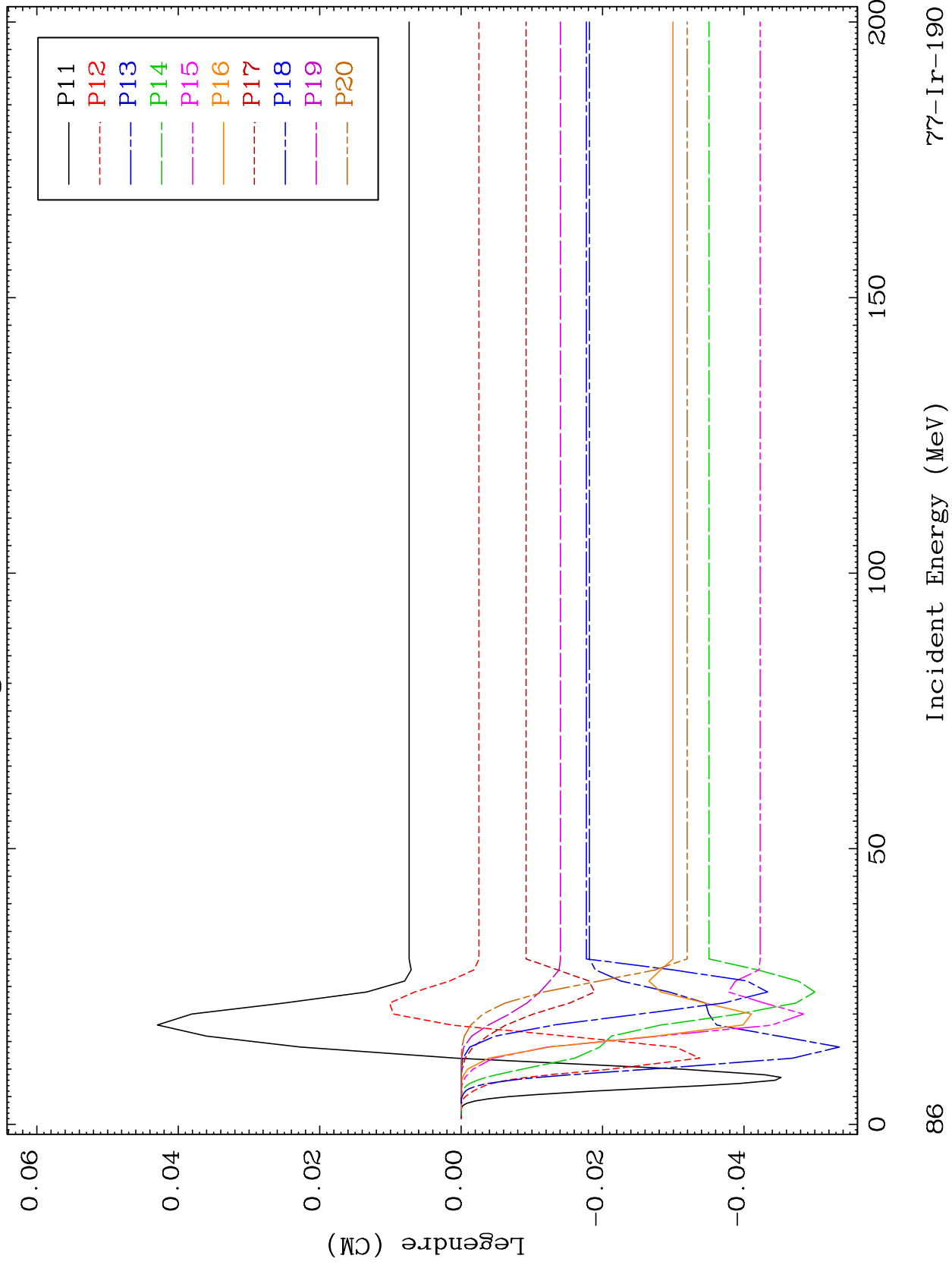




MAT 7722

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

77-Ir-190



86

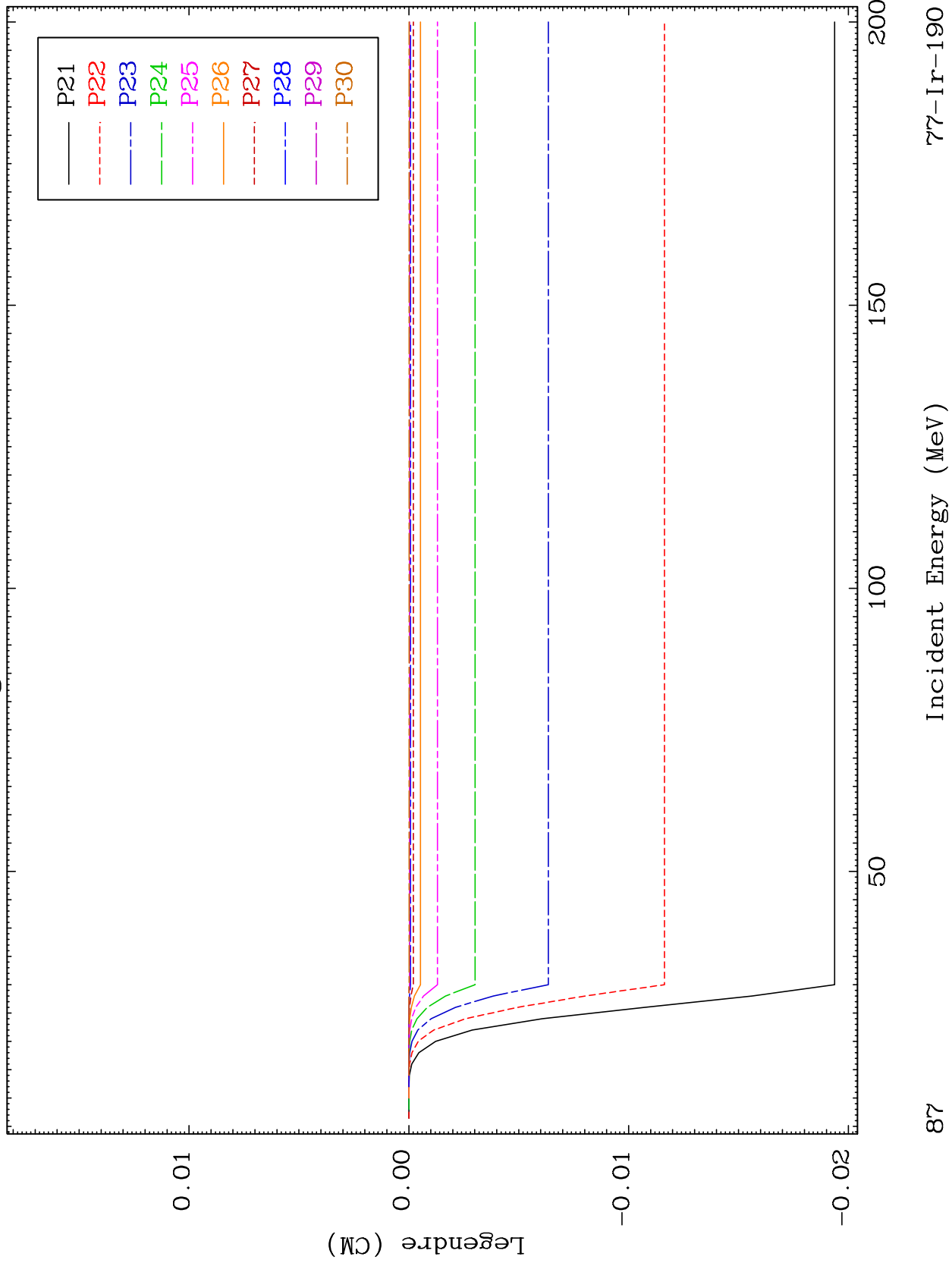
Incident Energy (MeV)

77-Ir-190

MAT 7722

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

77-Ir-190

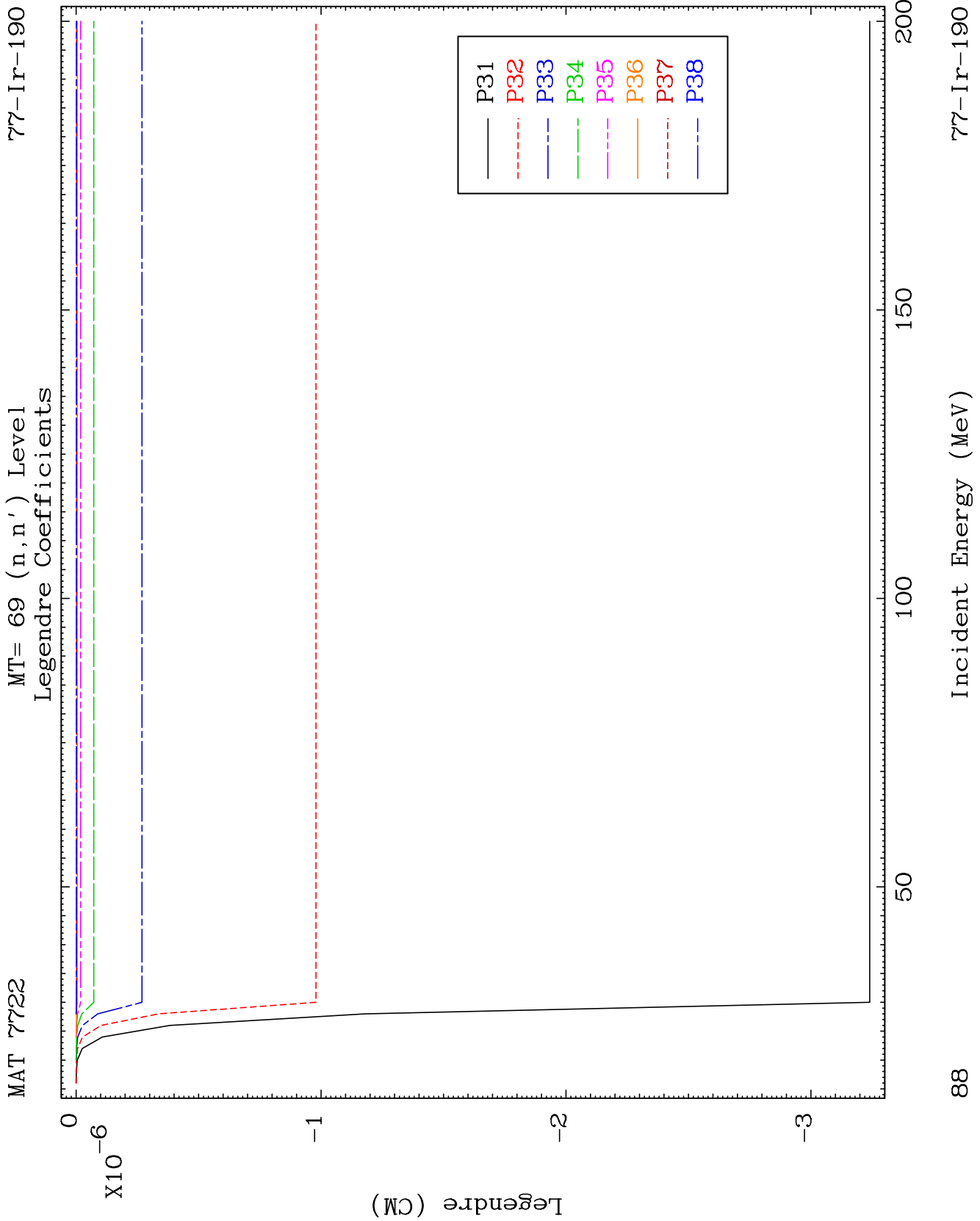


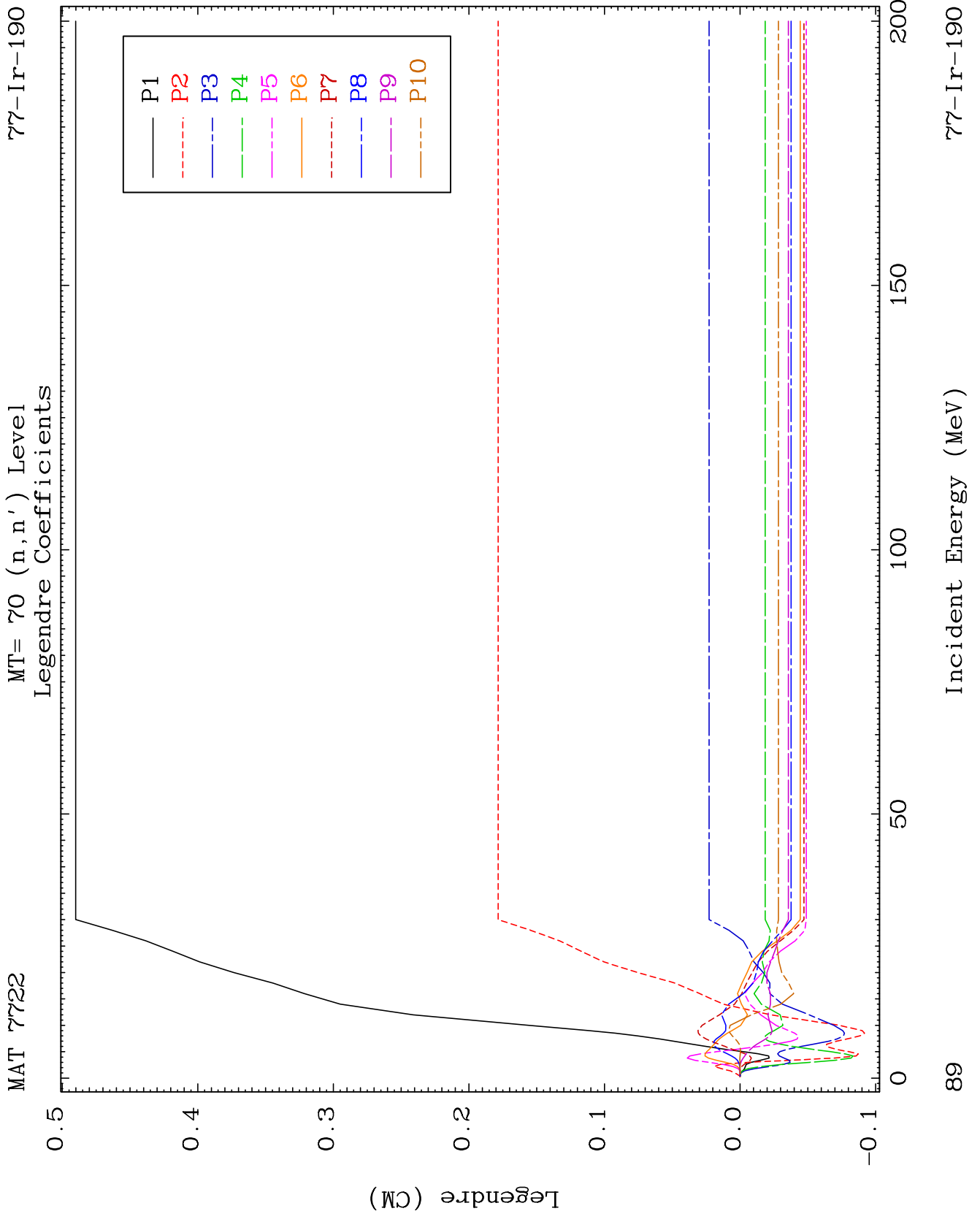
87

Incident Energy (MeV)

77-Ir-190



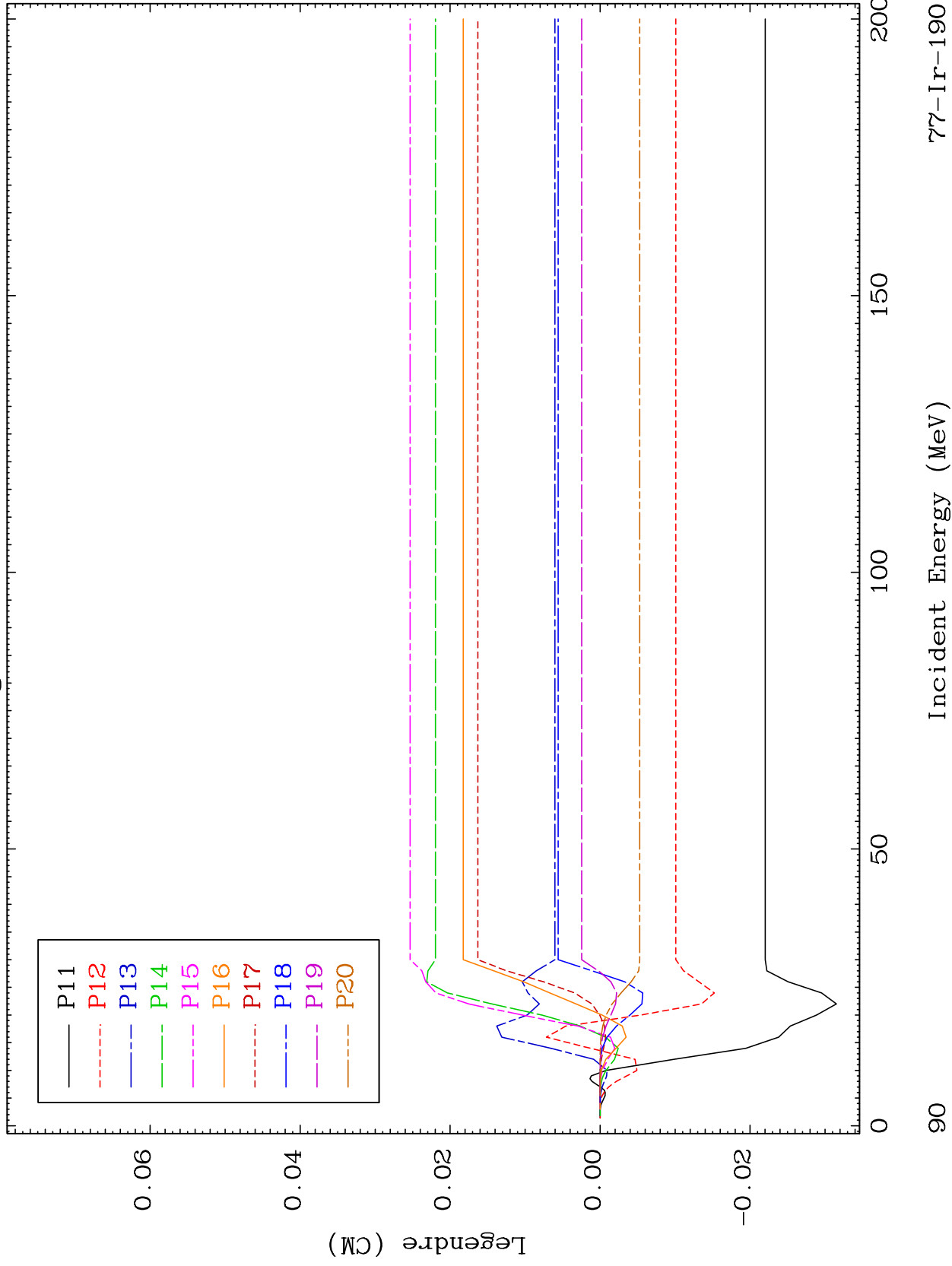




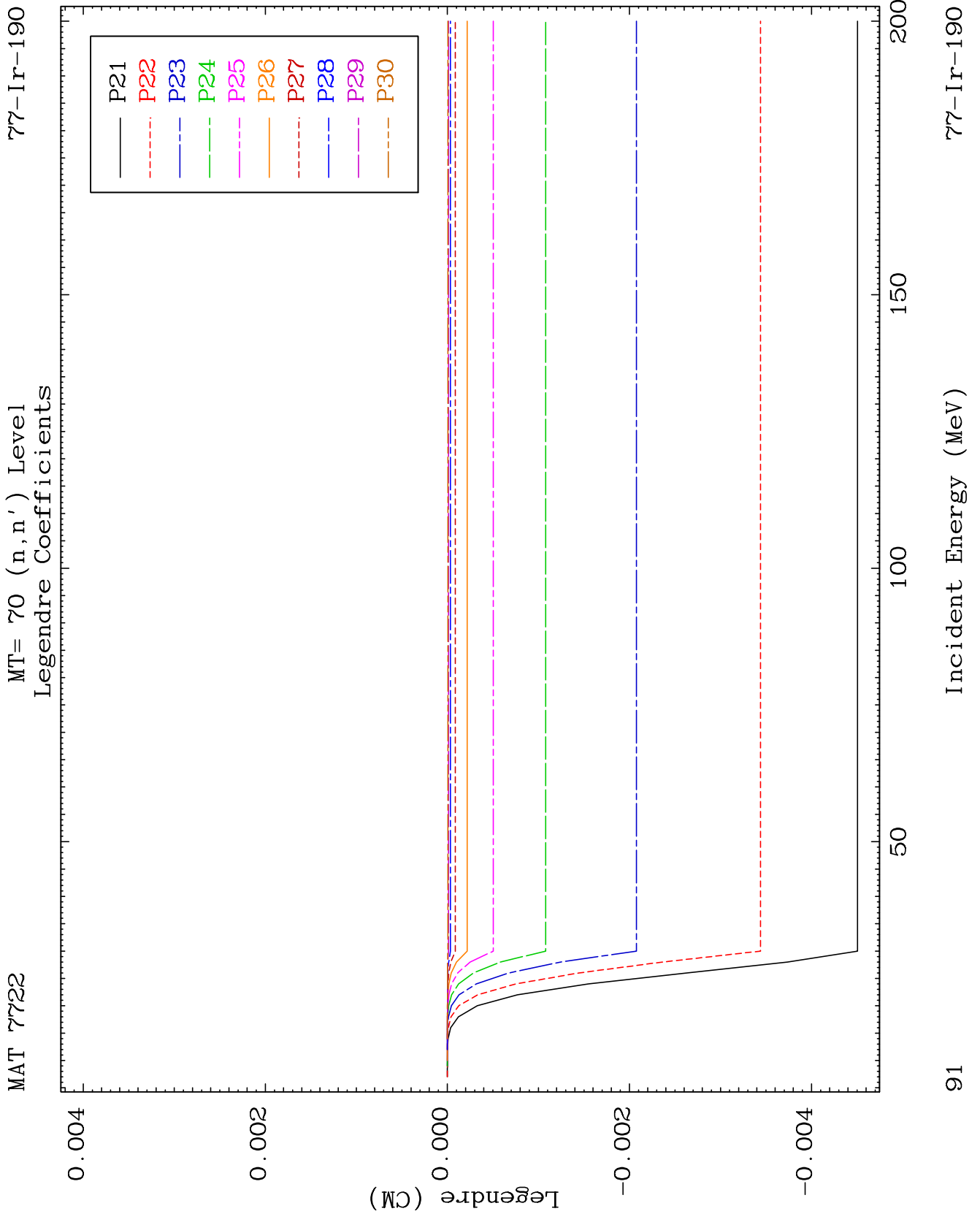
MAT 7722

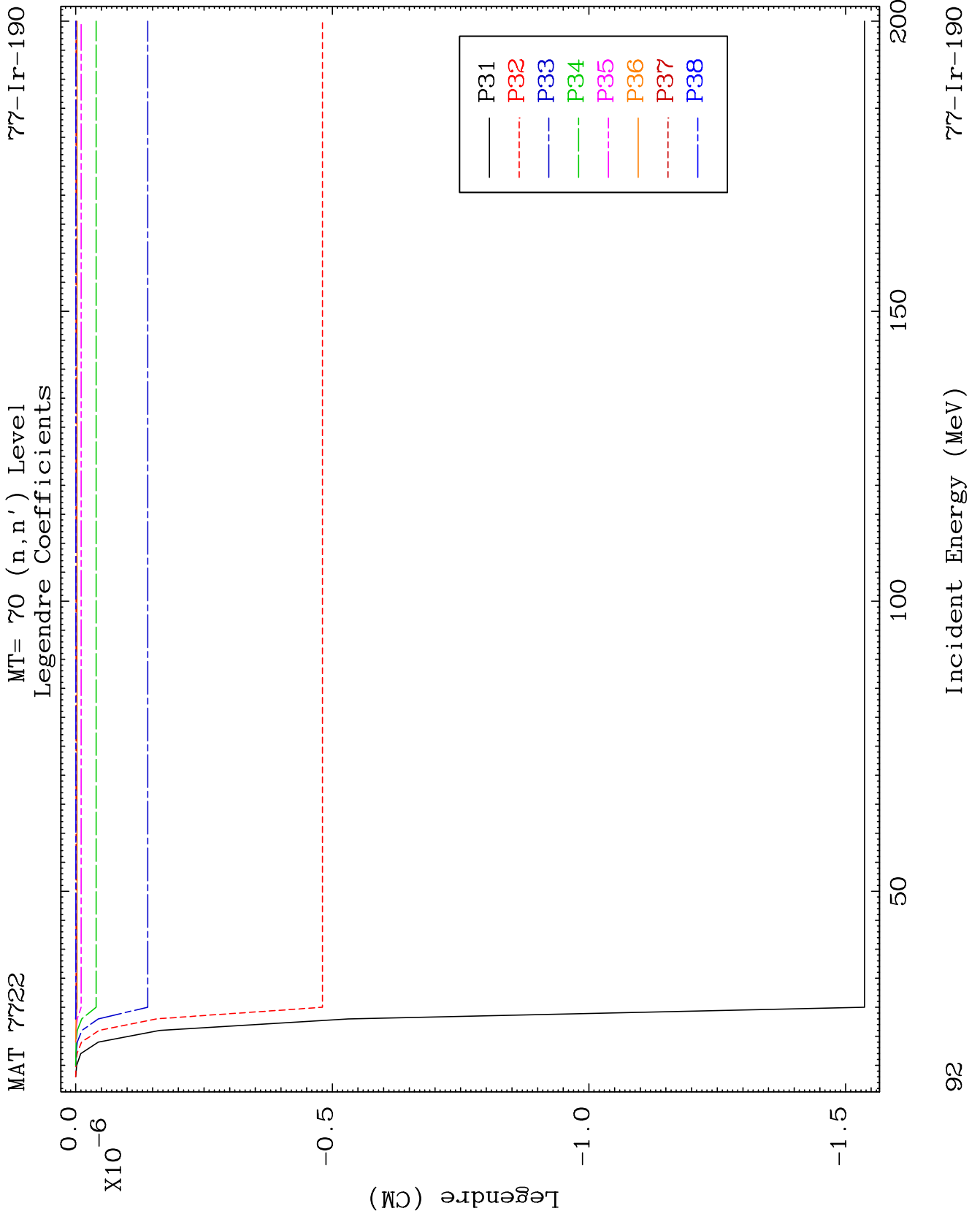
MT= 70 (n,n') Level  
Legendre Coefficients

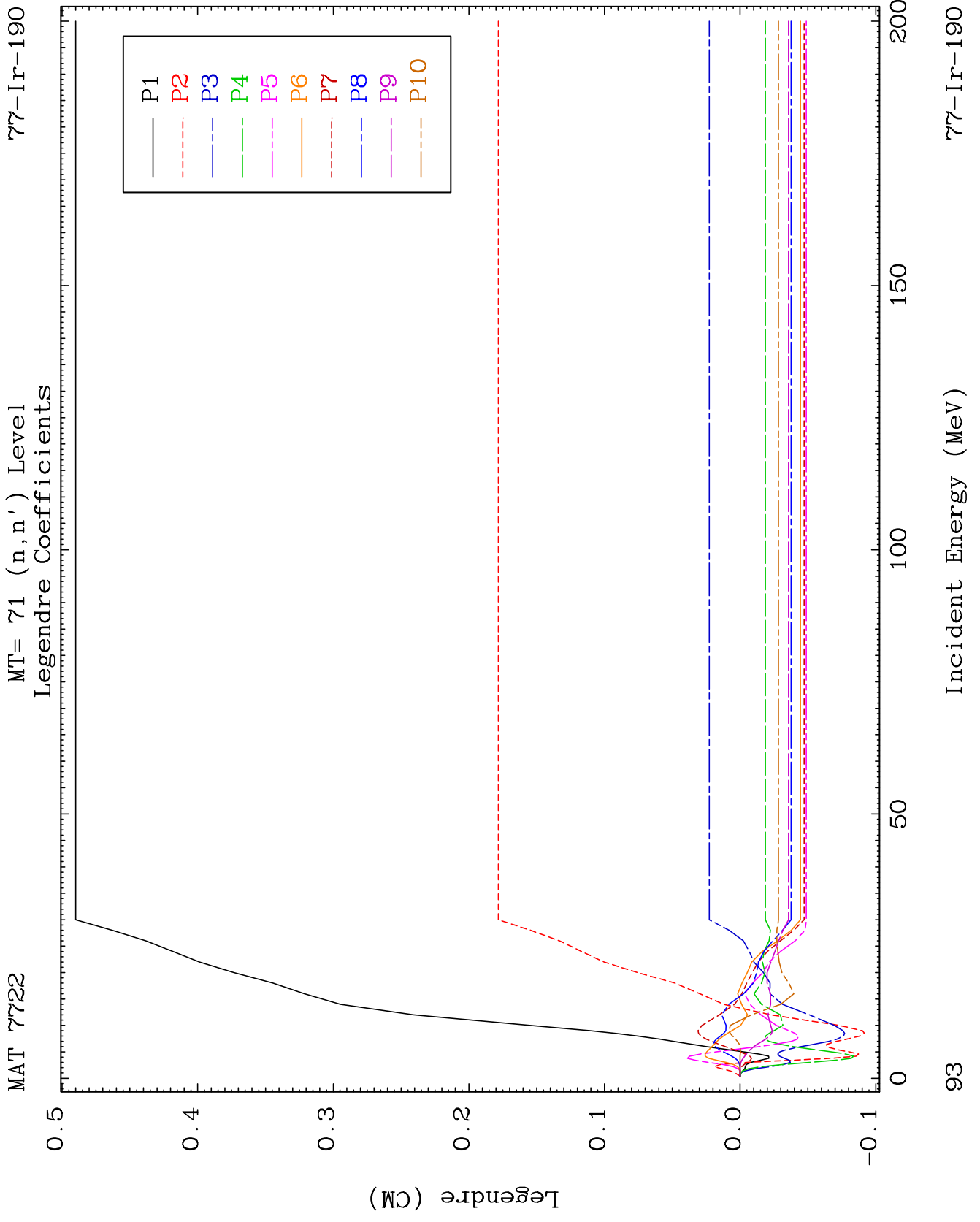
77-Ir-190



77-Ir-190



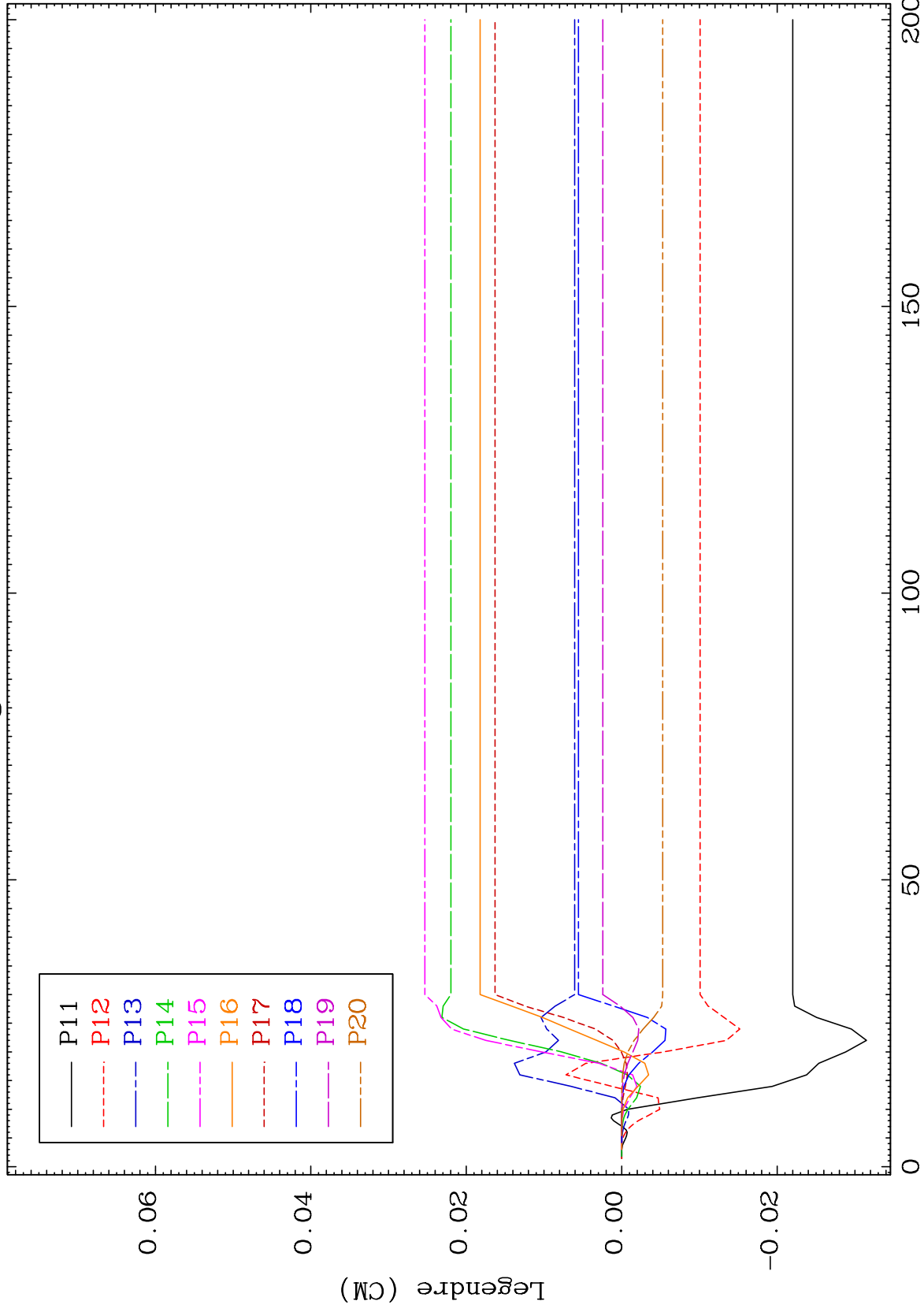




MAT 7722

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

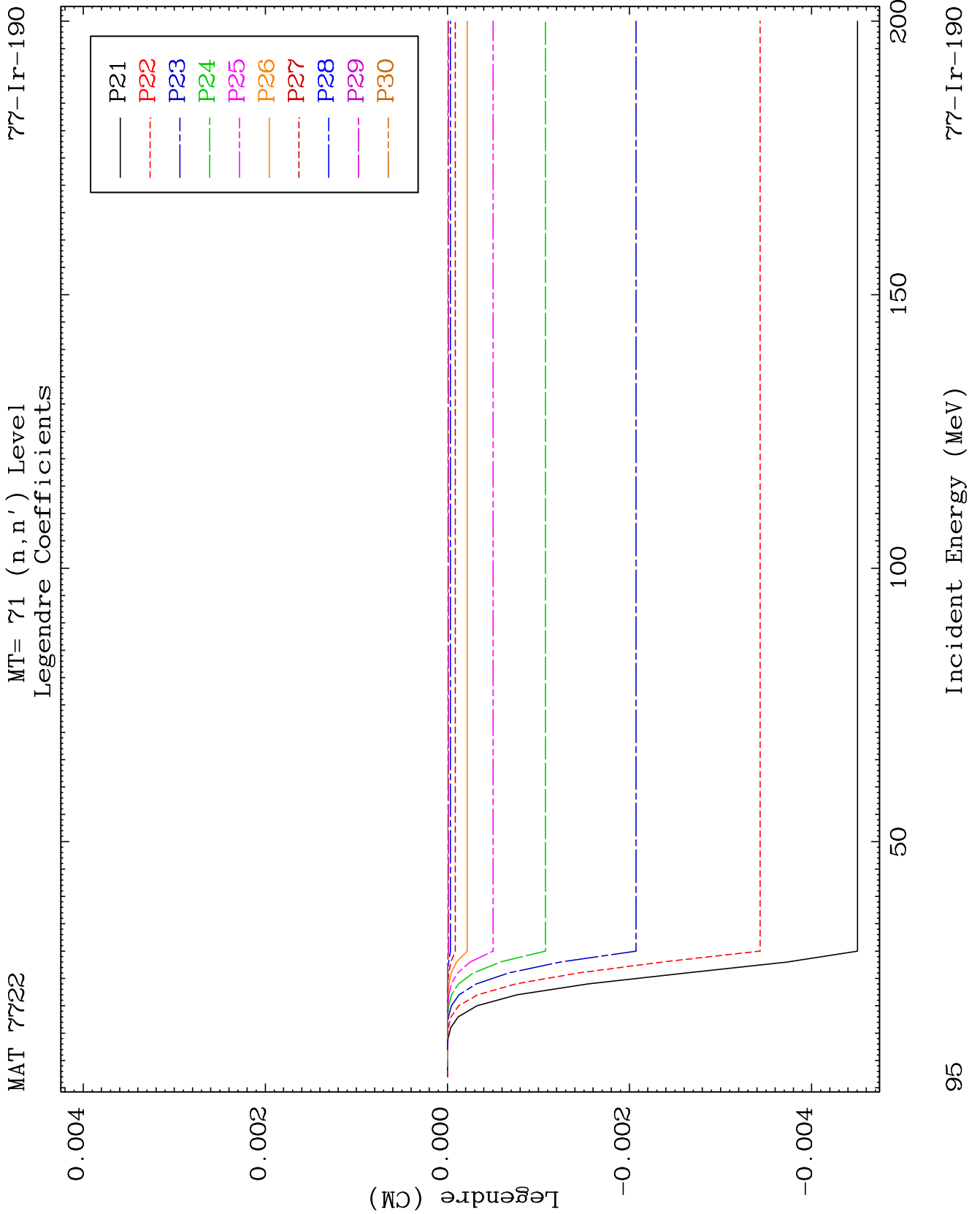
77-Ir-190



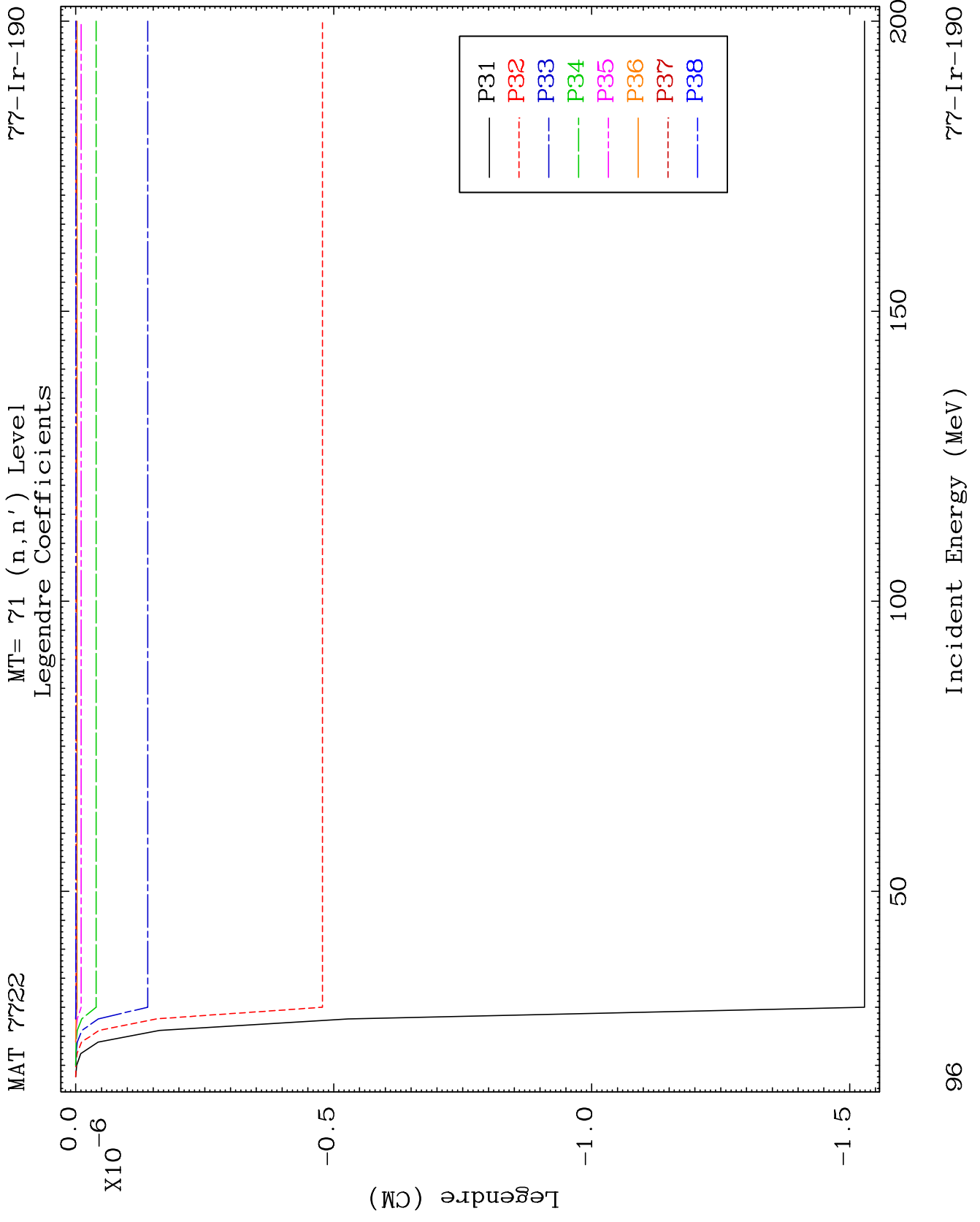
94

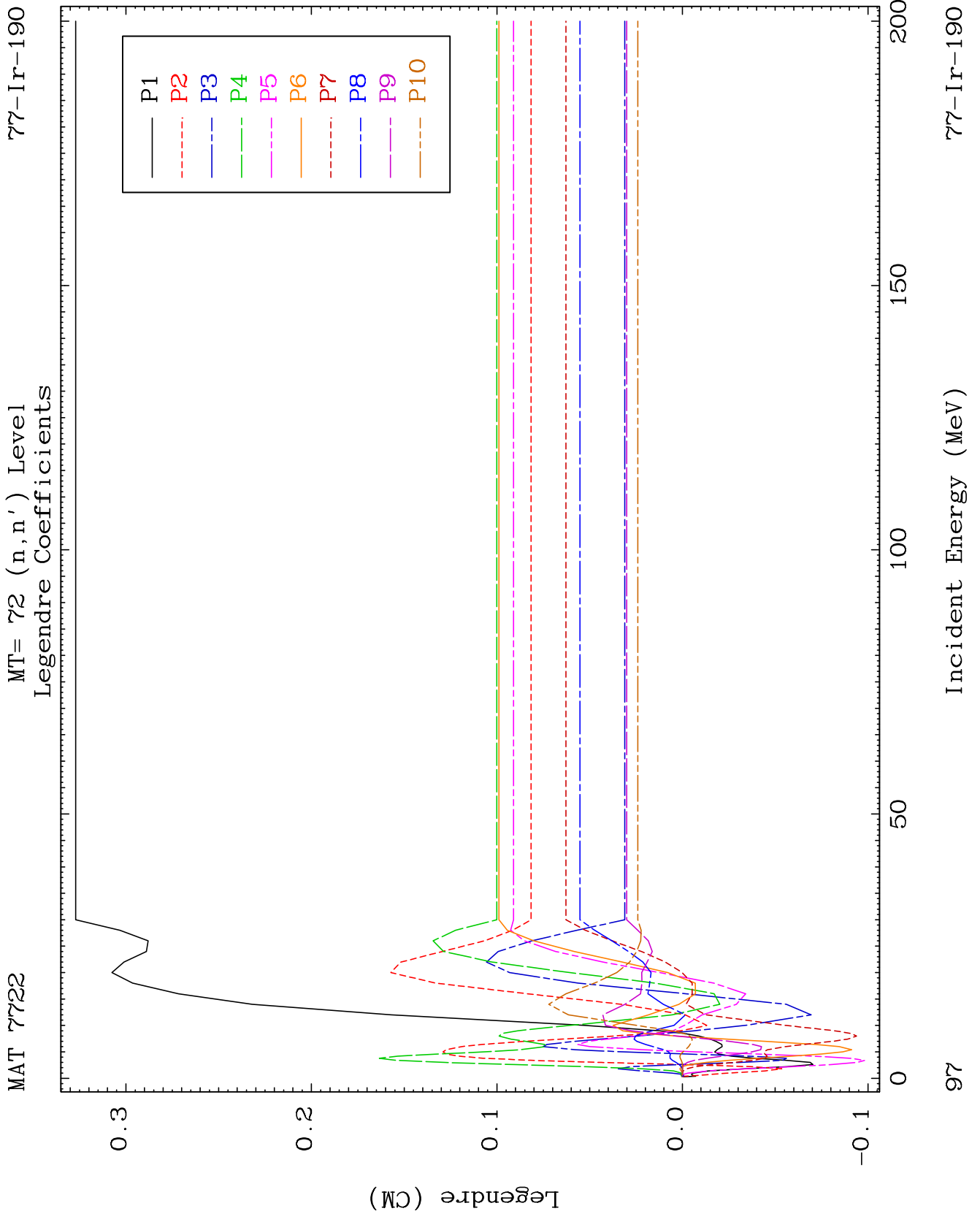
Incident Energy (MeV)

77-Ir-190





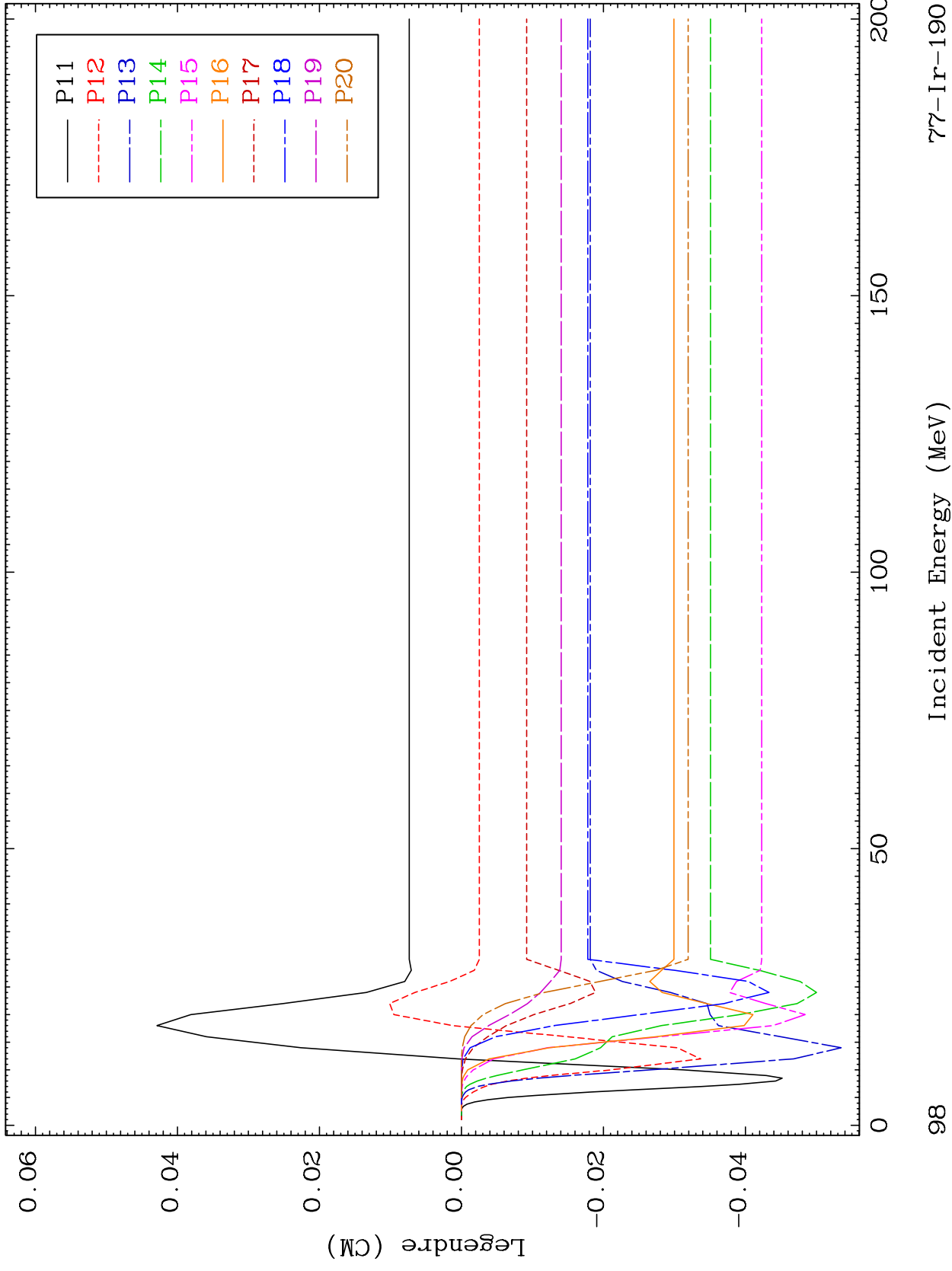




MAT 7722

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

77-Ir-190



77-Ir-190

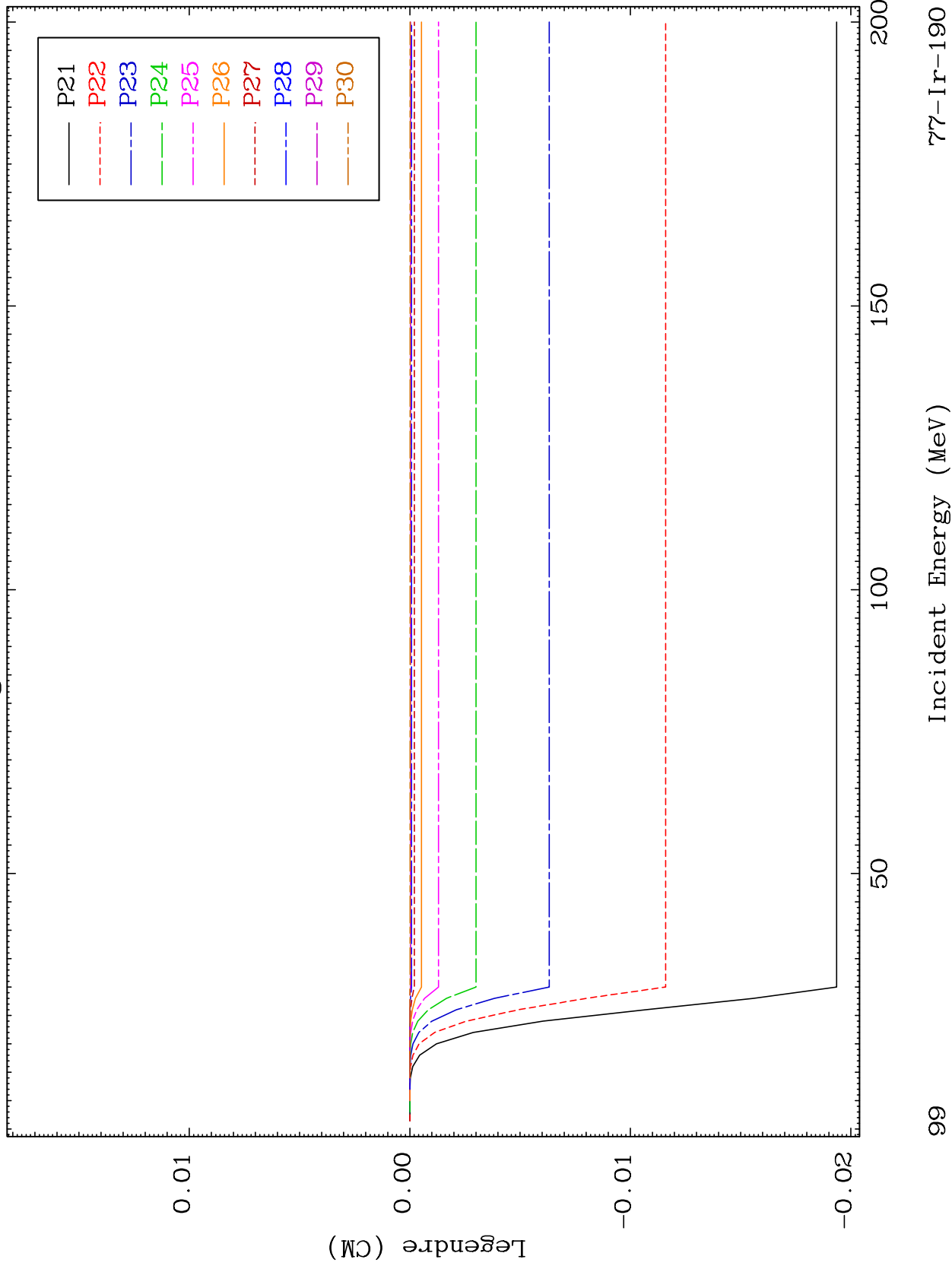
Incident Energy (MeV)

98

MAT 7722

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

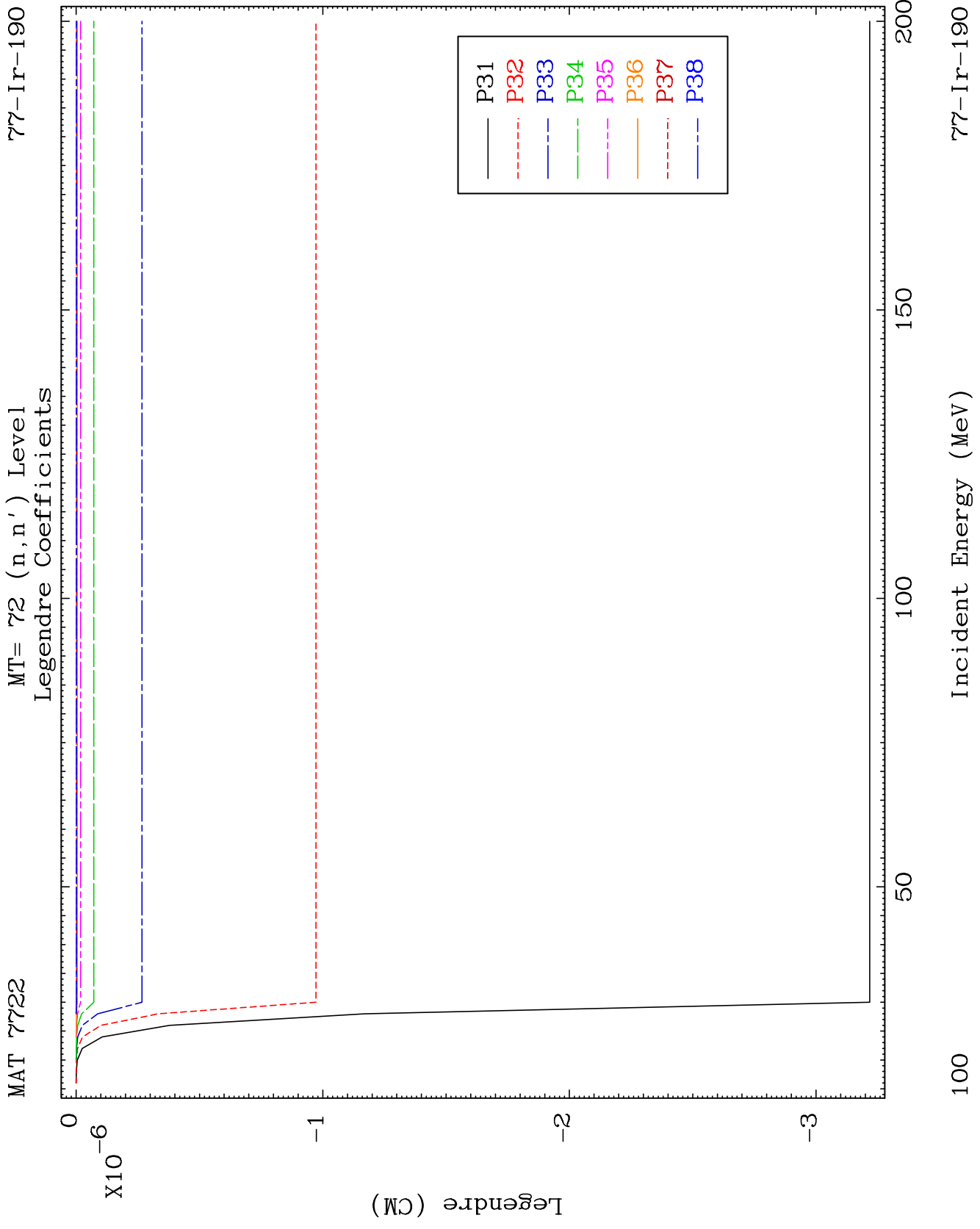
77-Ir-190



99

Incident Energy (MeV)

77-Ir-190

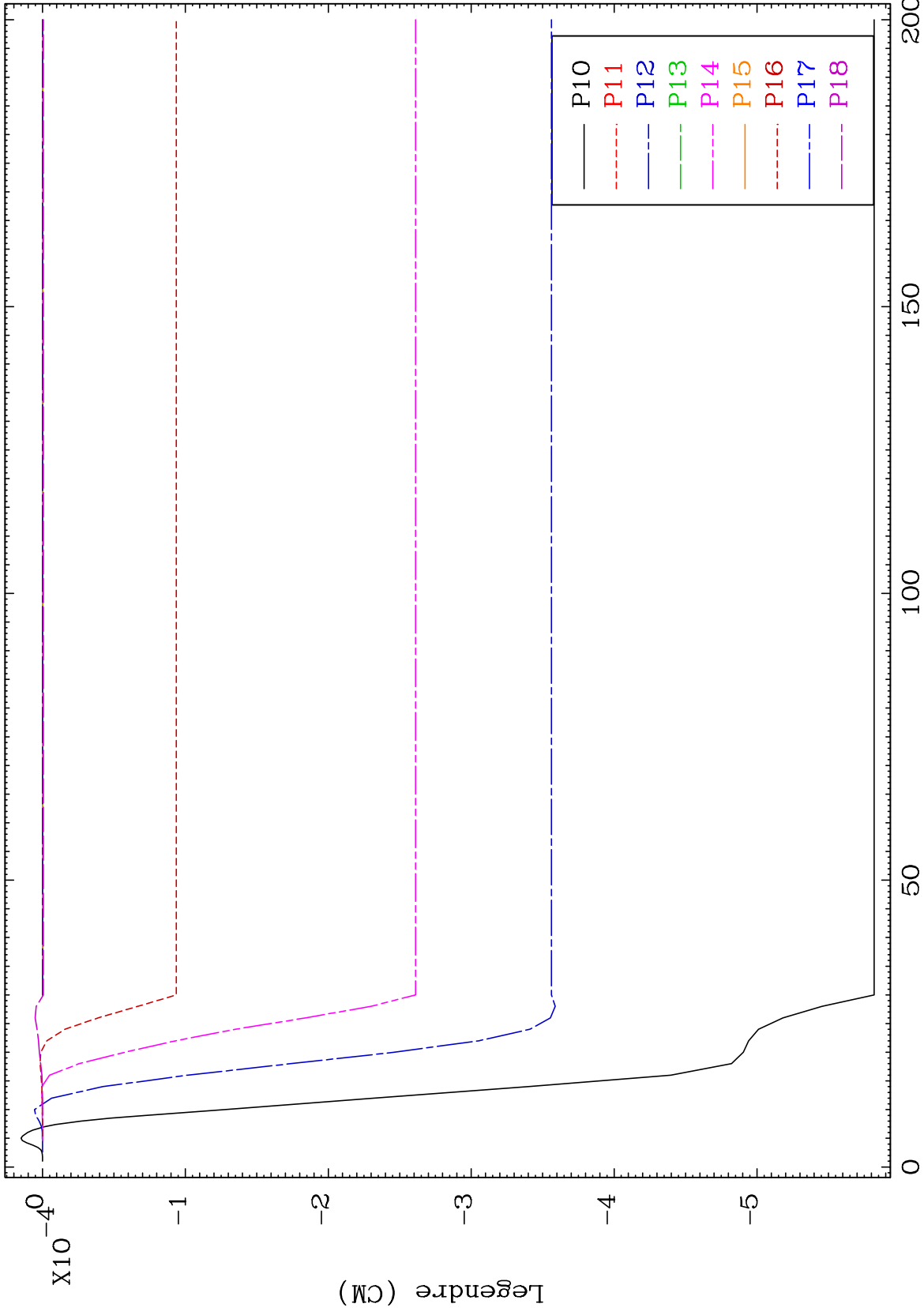




MAT 7722

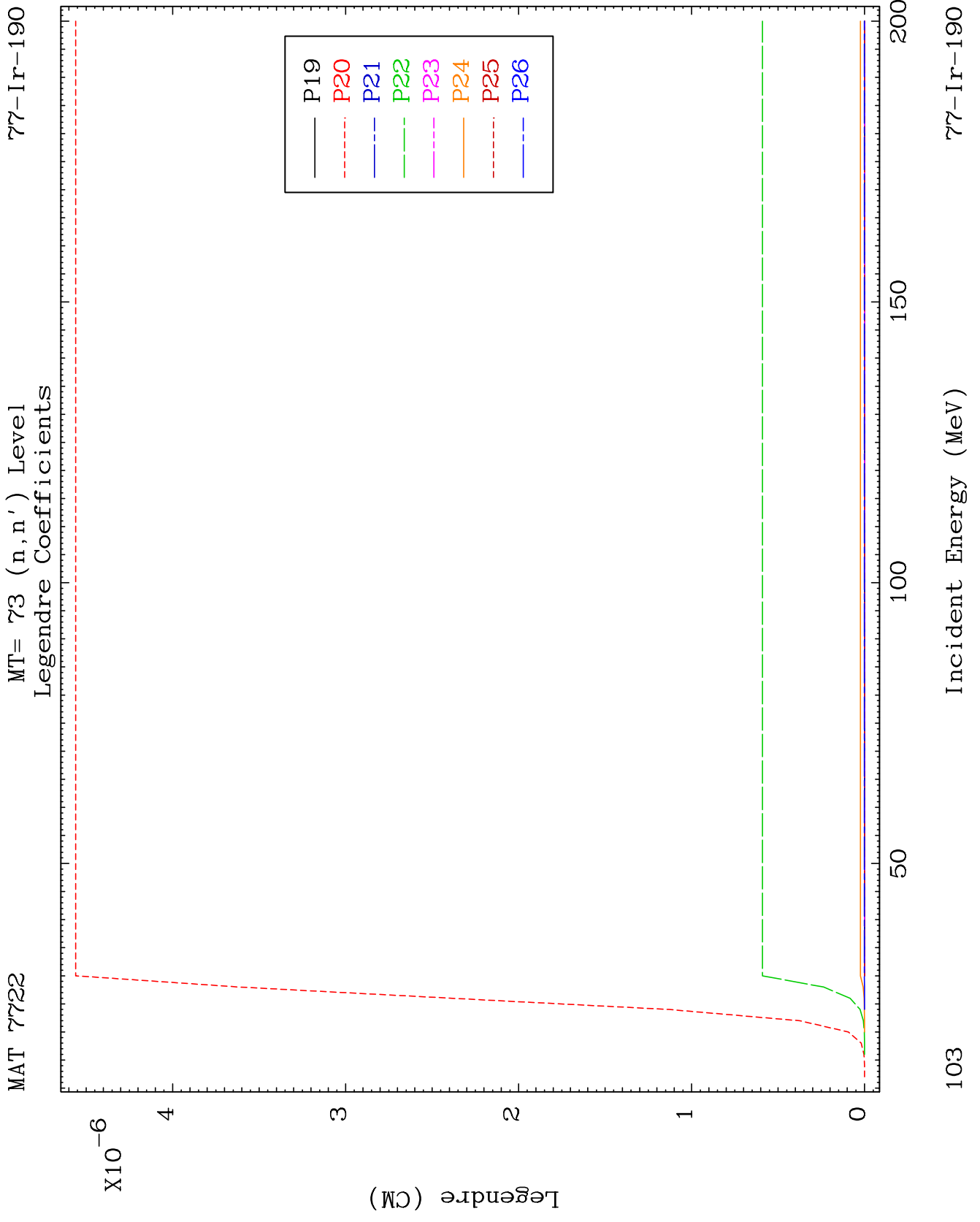
MT= 73 (n,n') Level  
Legendre Coefficients

77-Ir-190

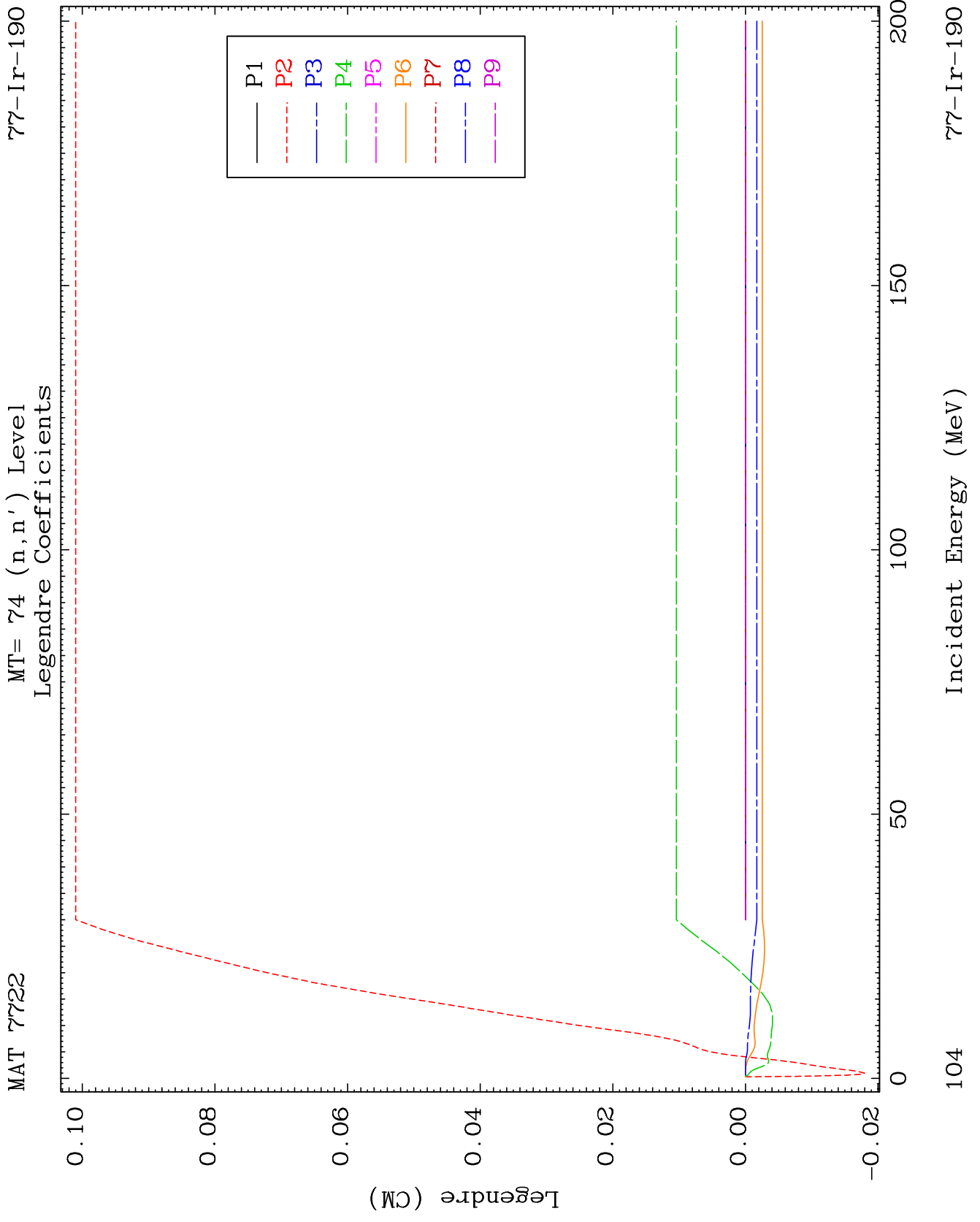


102

77-Ir-190



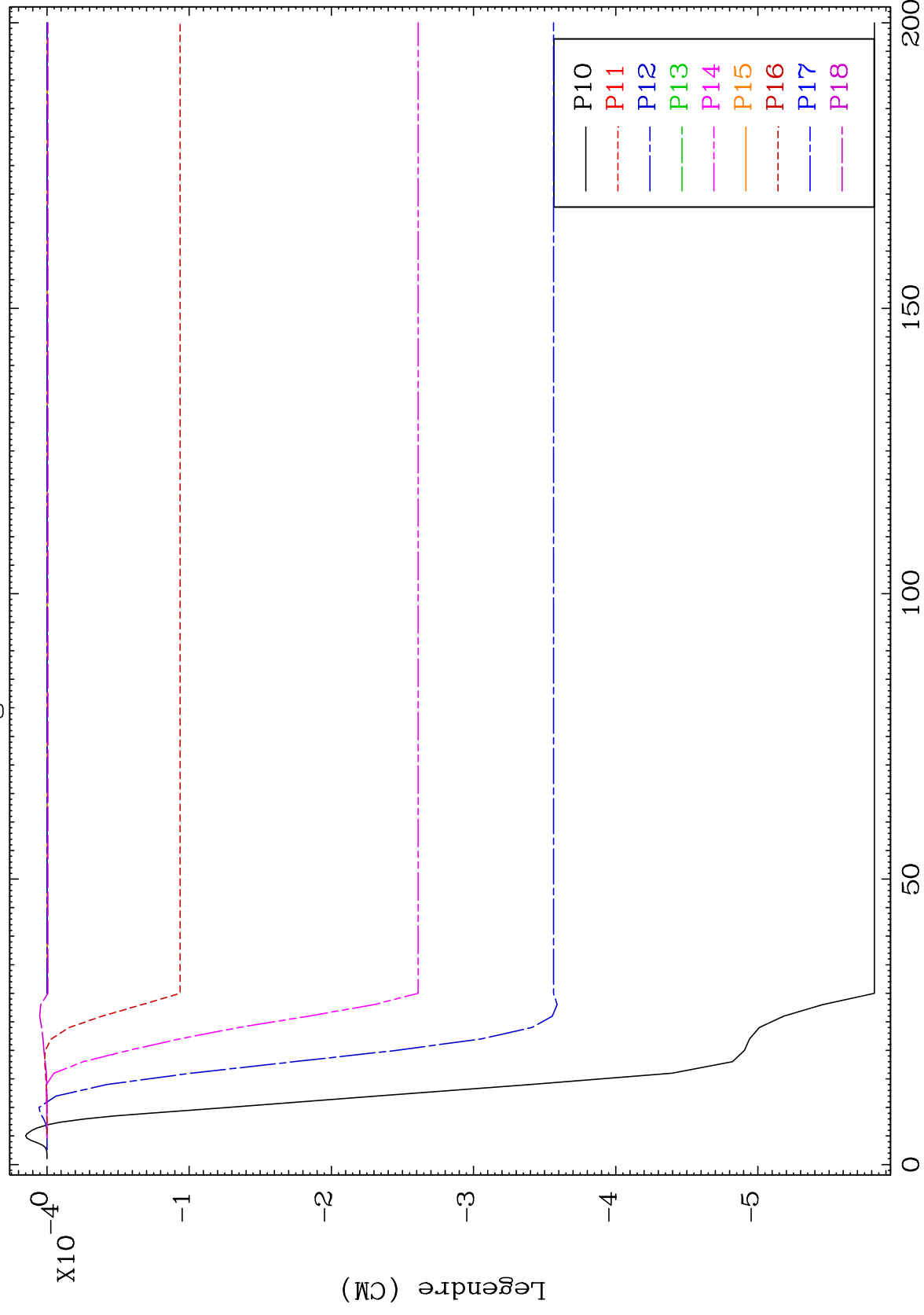




MAT 7722

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

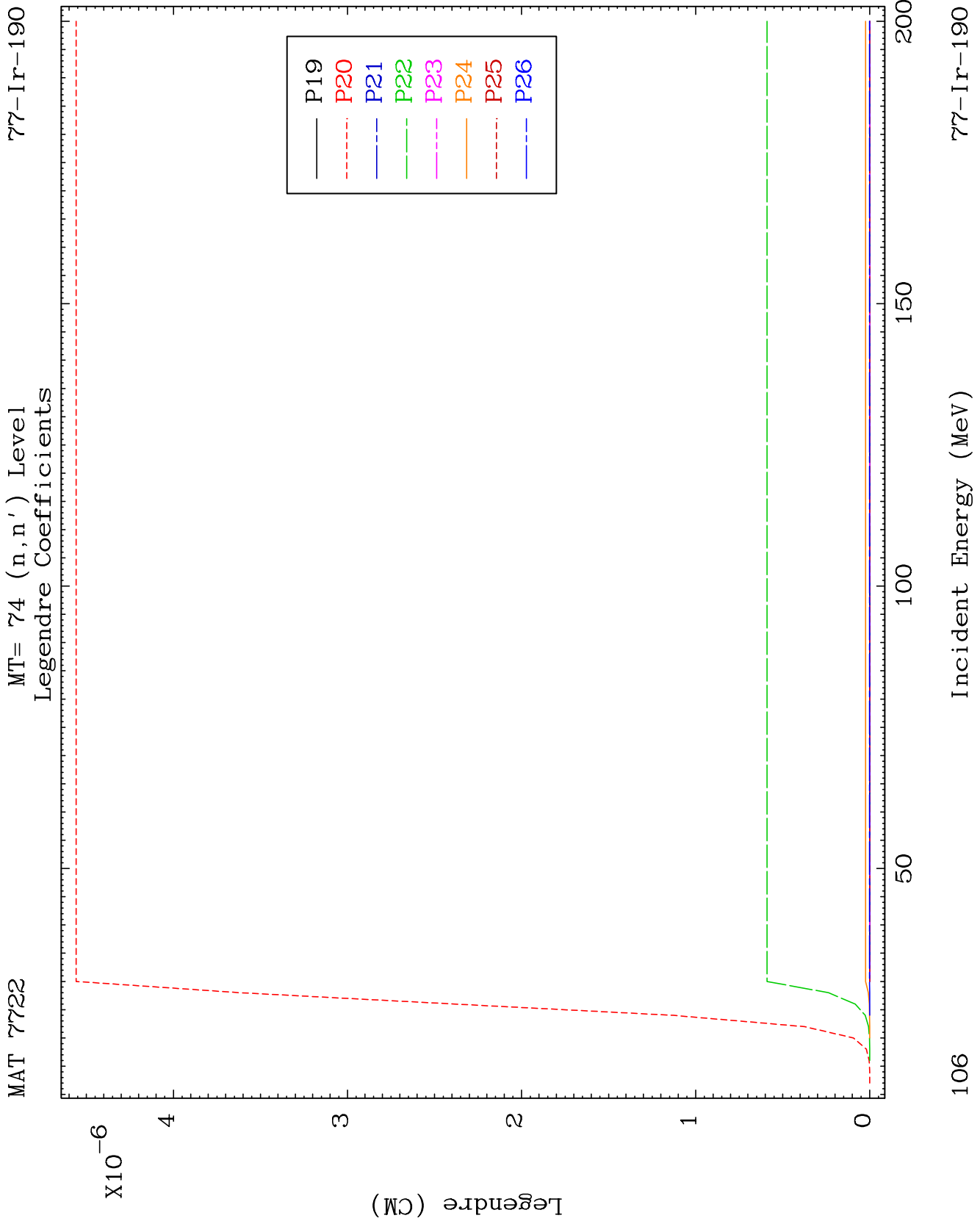
77-Ir-190



105

Incident Energy (MeV)

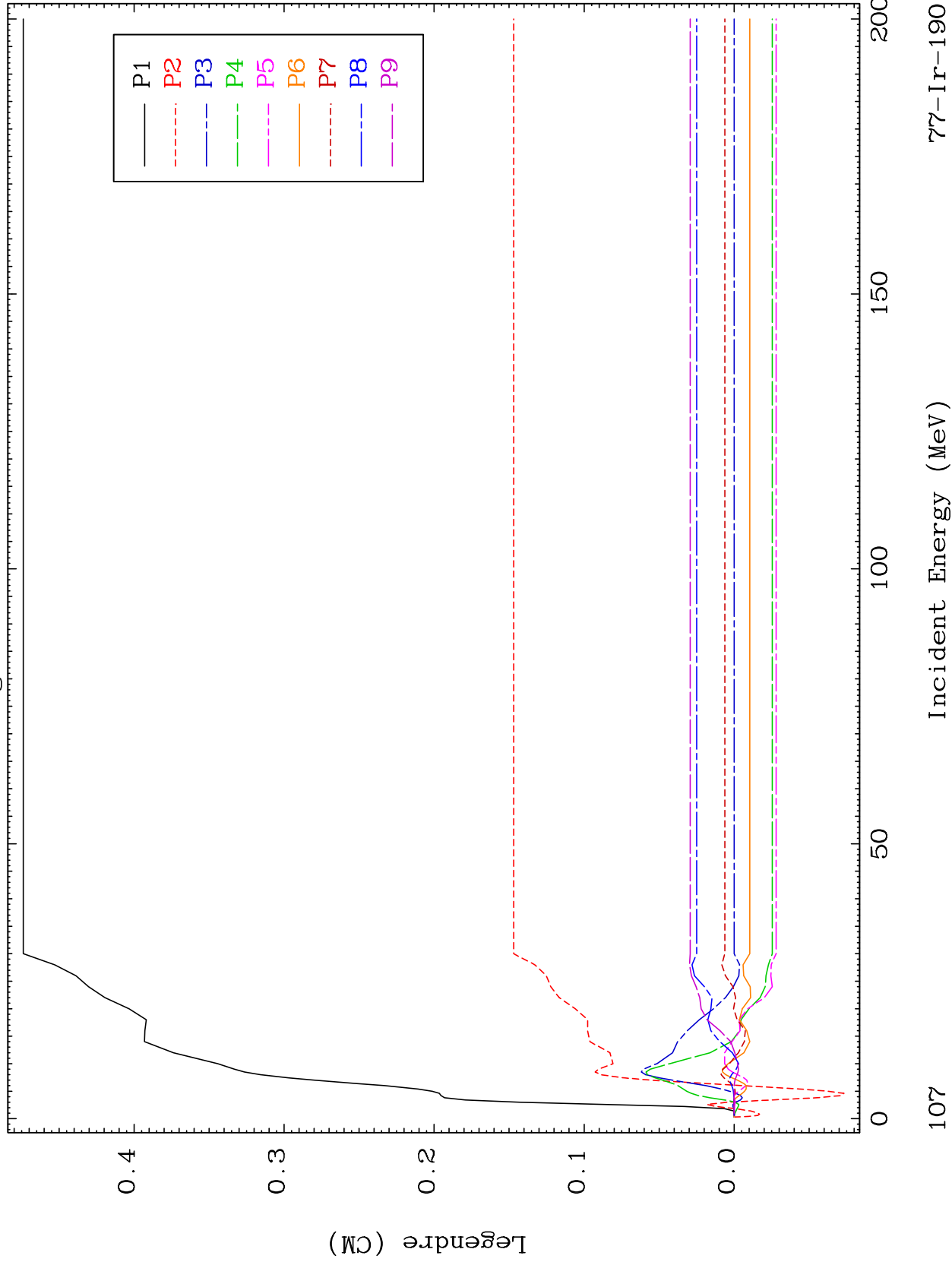
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

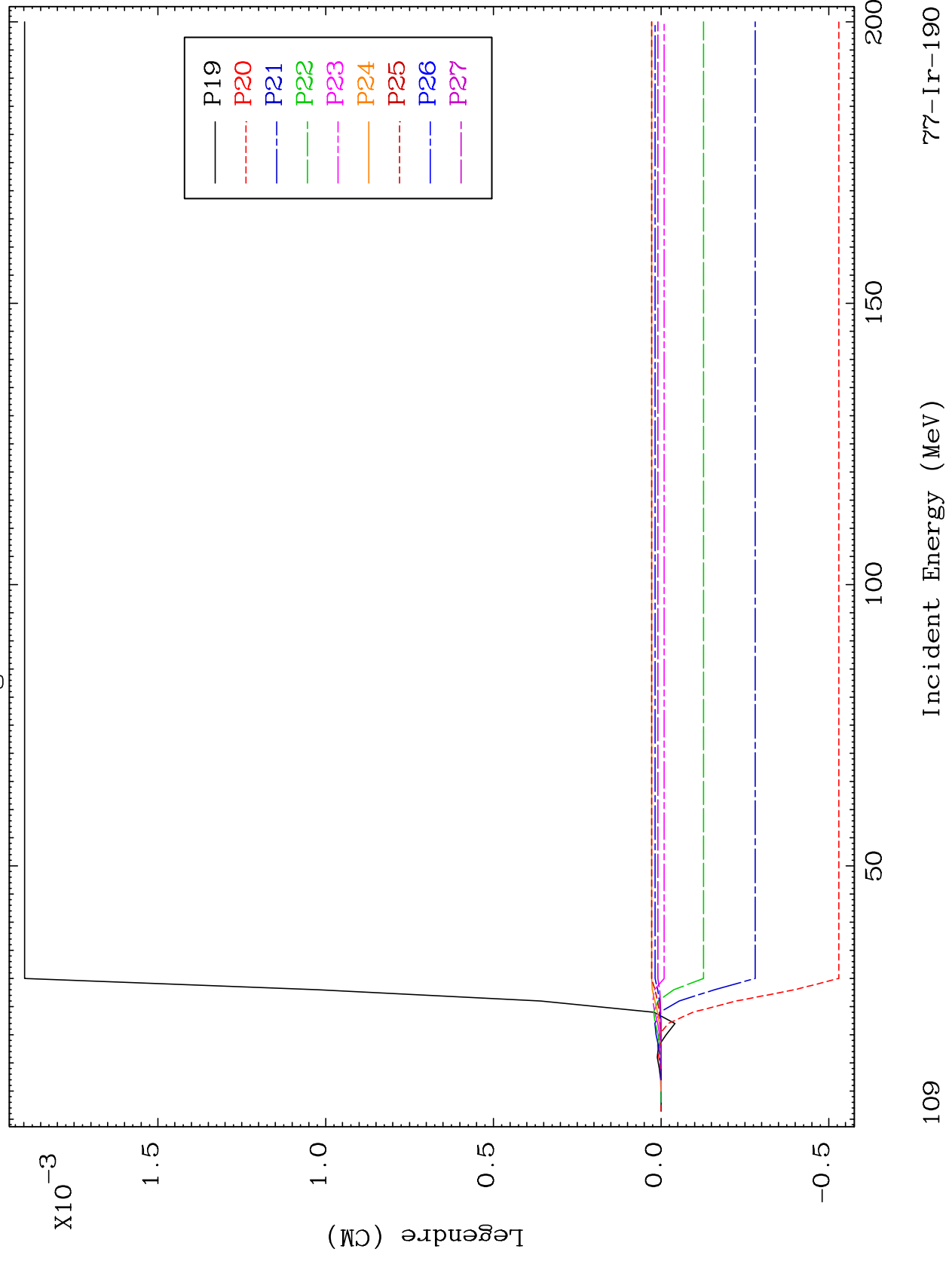
107

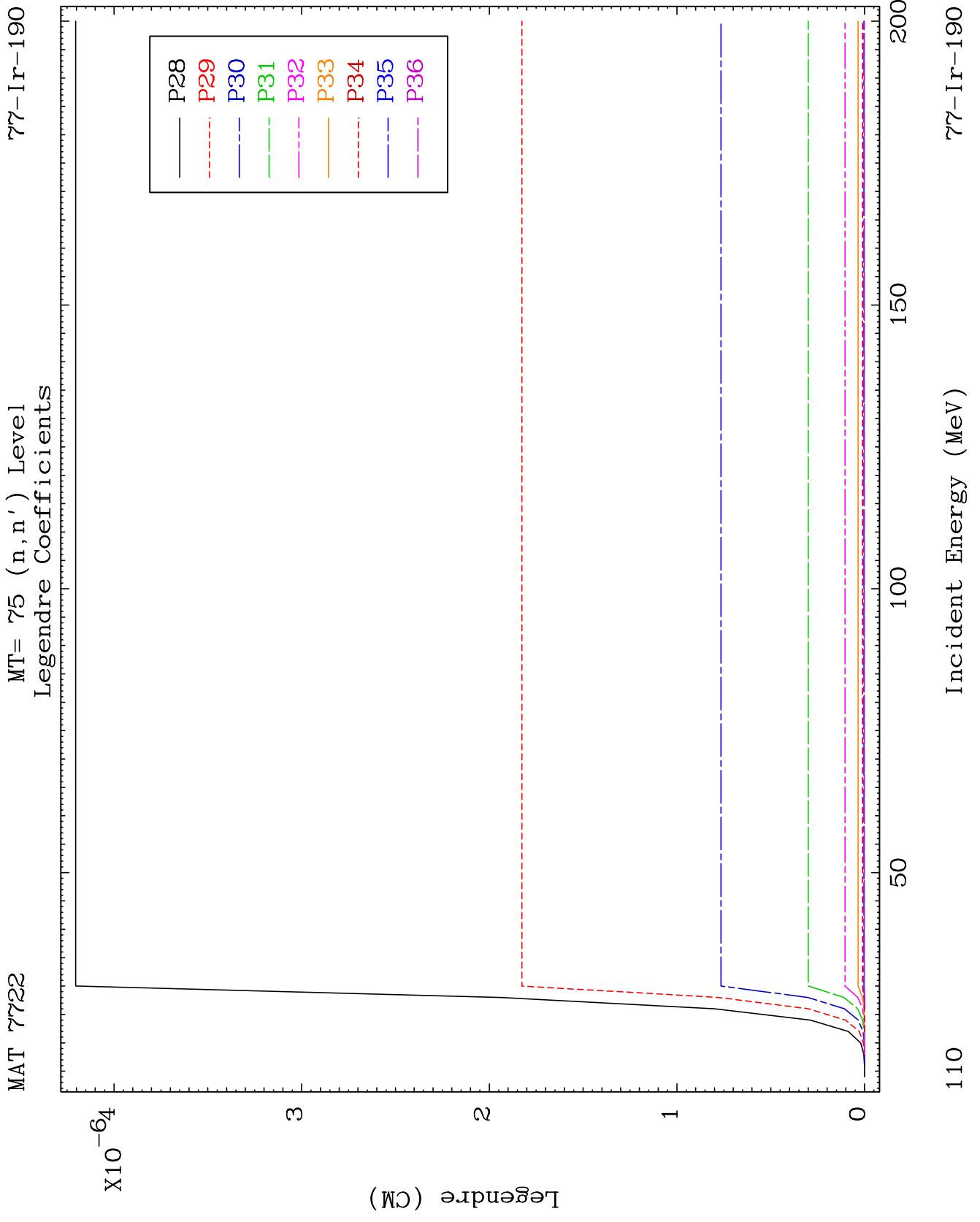


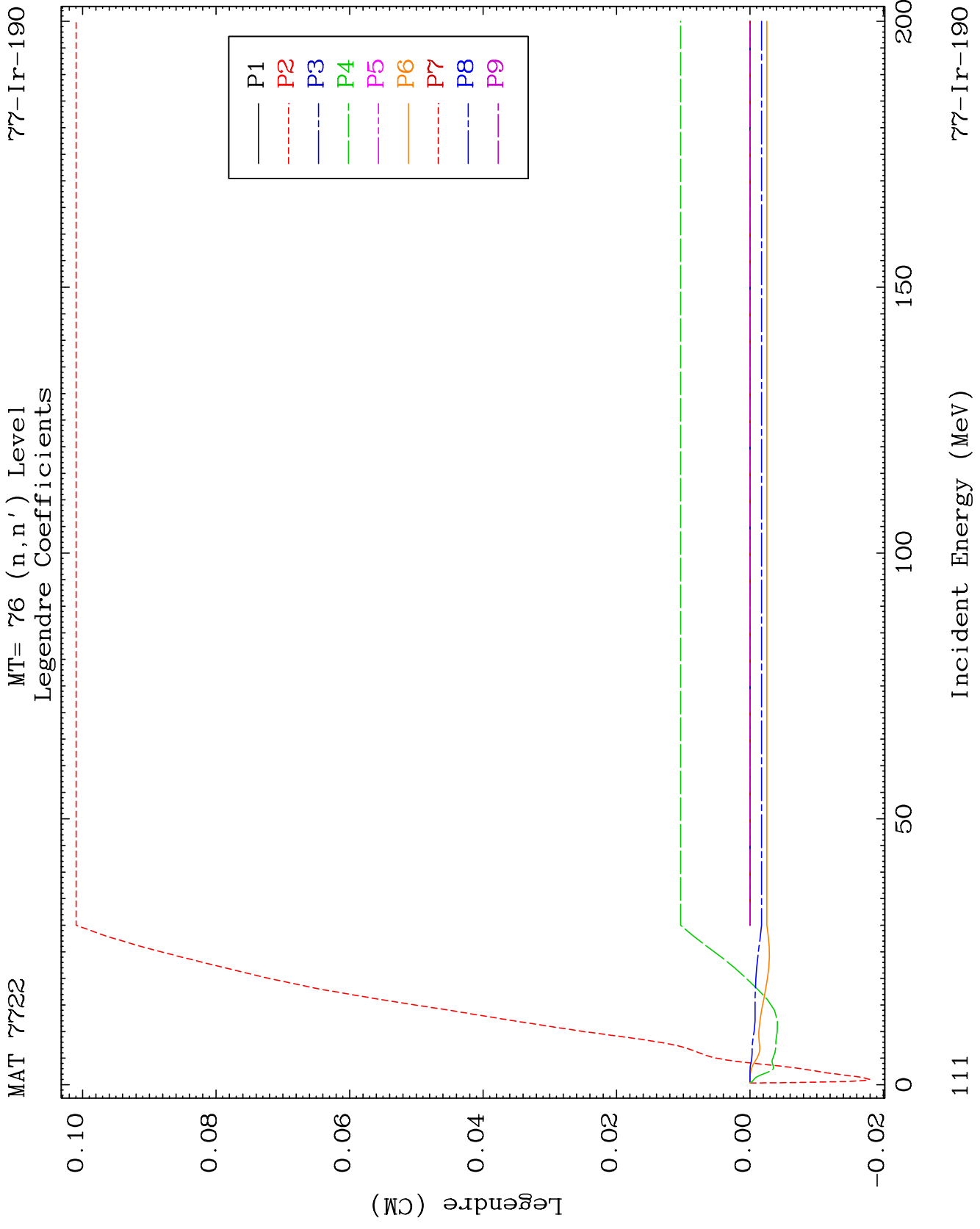
MAT 7722

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

77-Ir-190





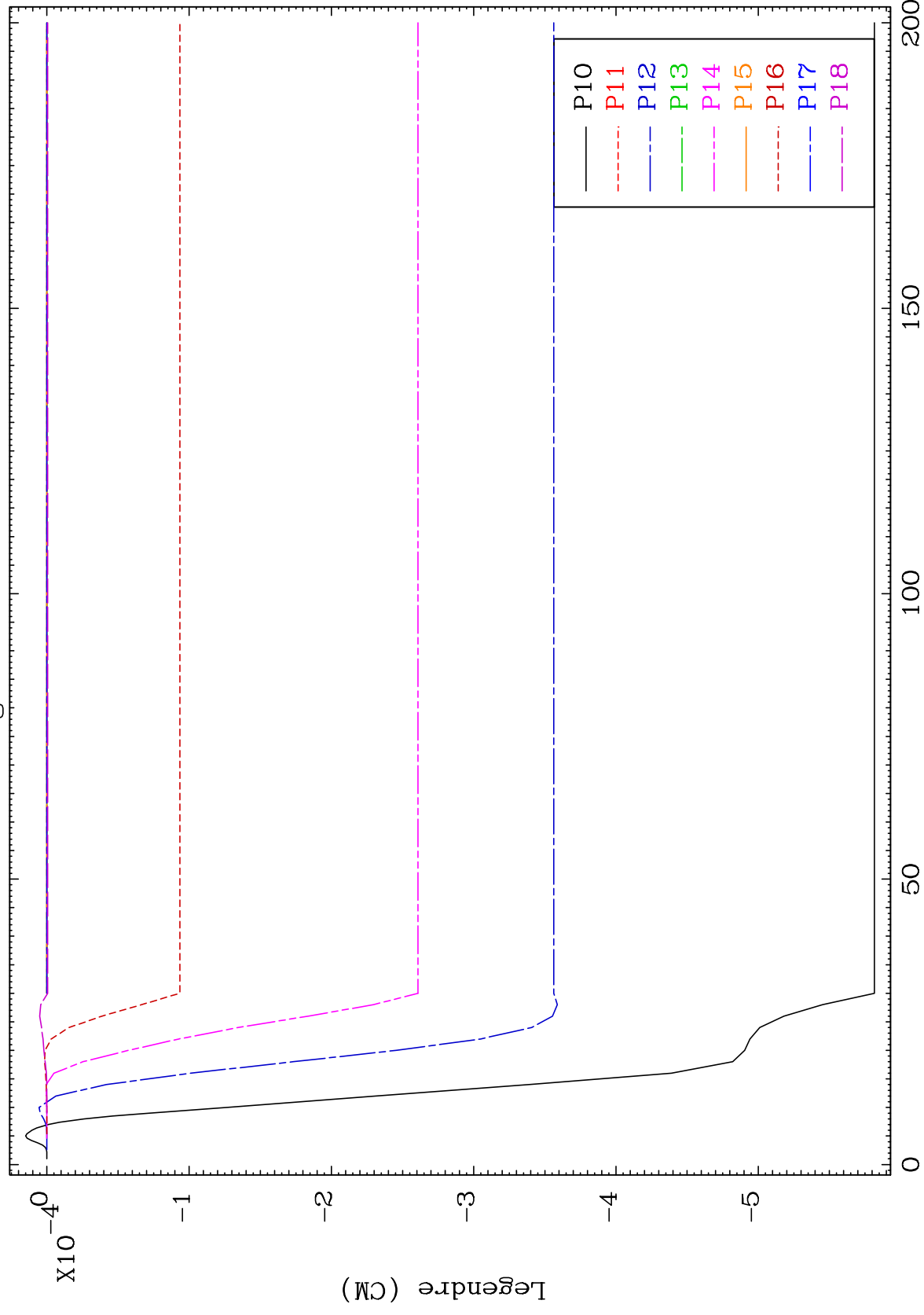




MAT 7722

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

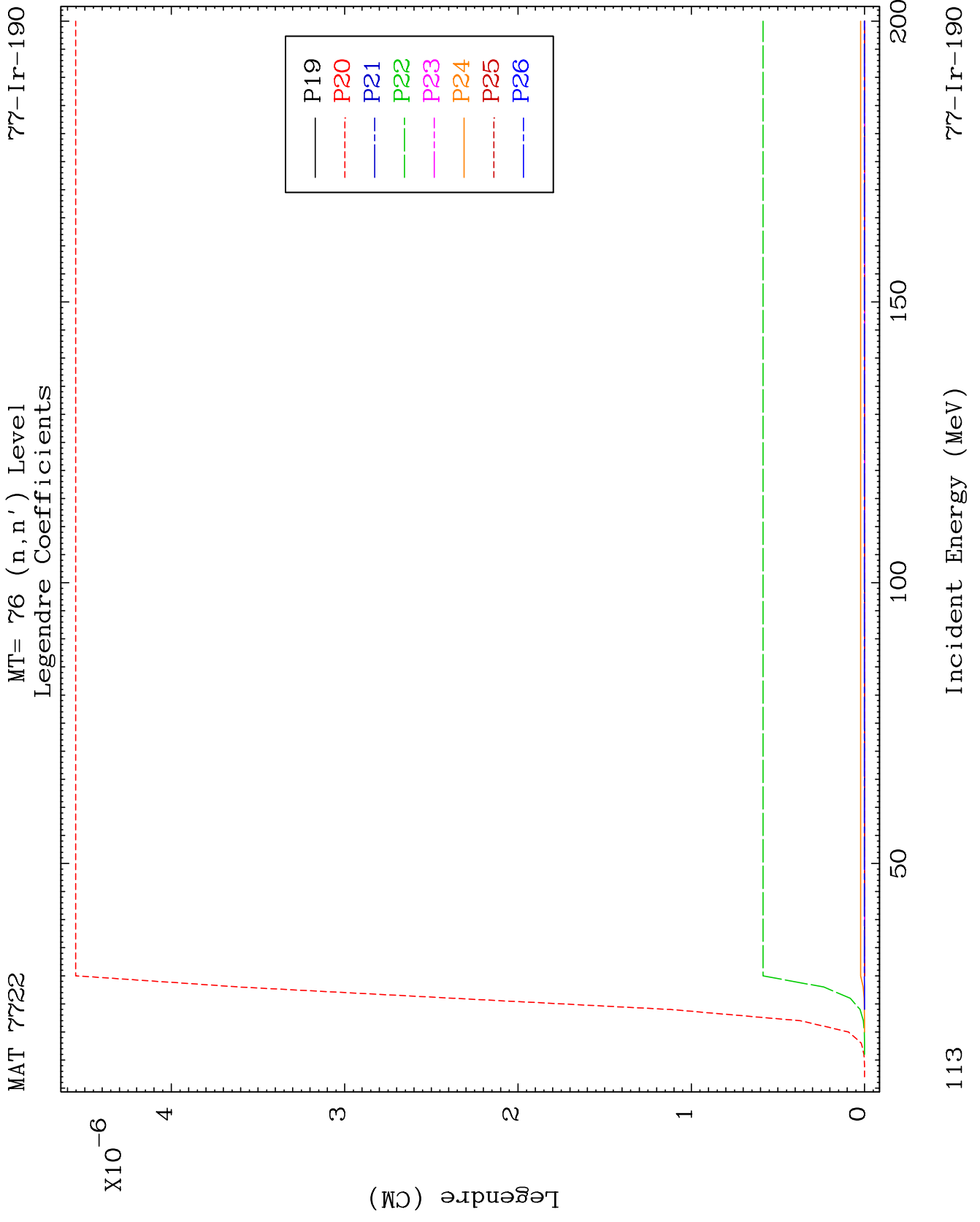
77-Ir-190

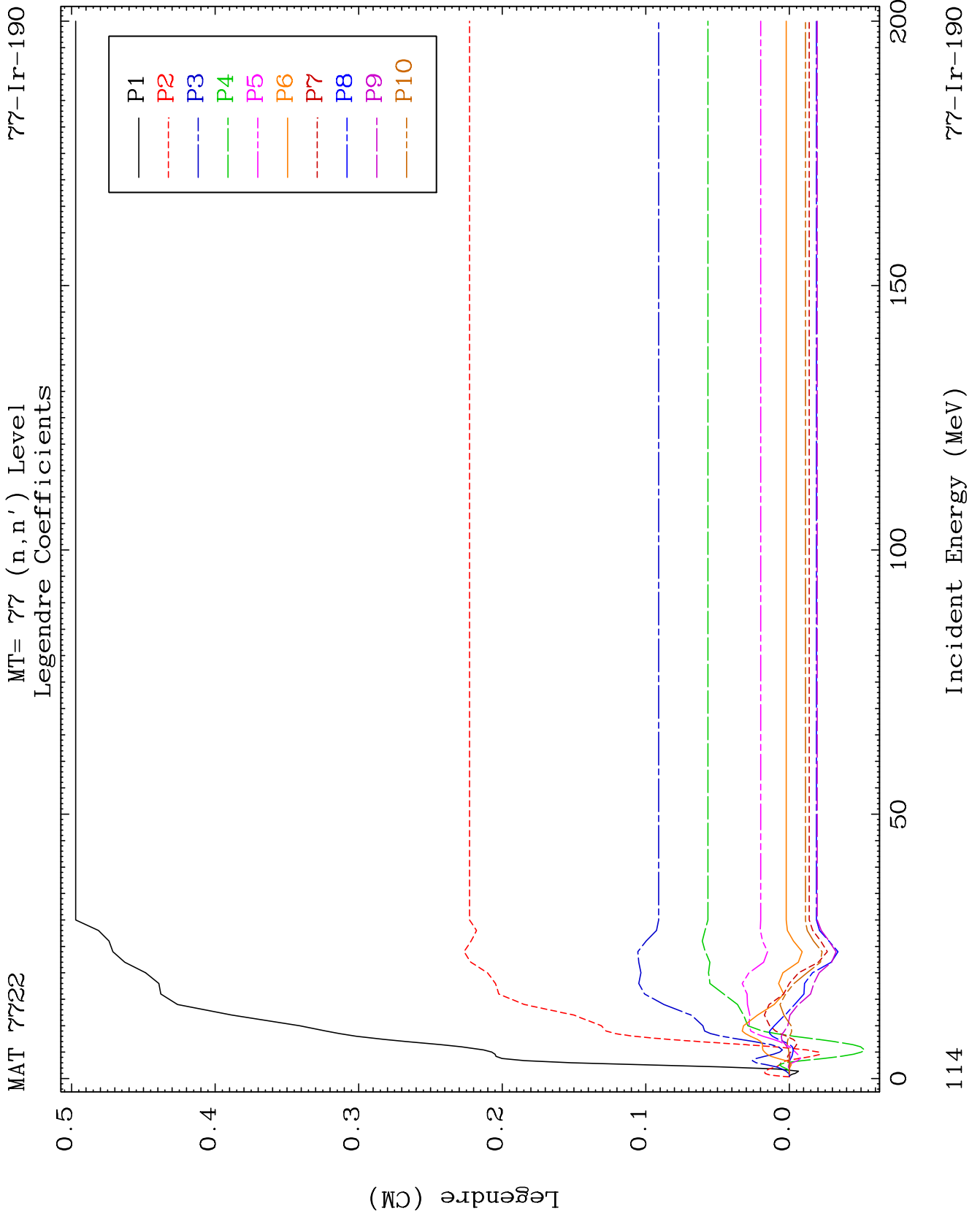


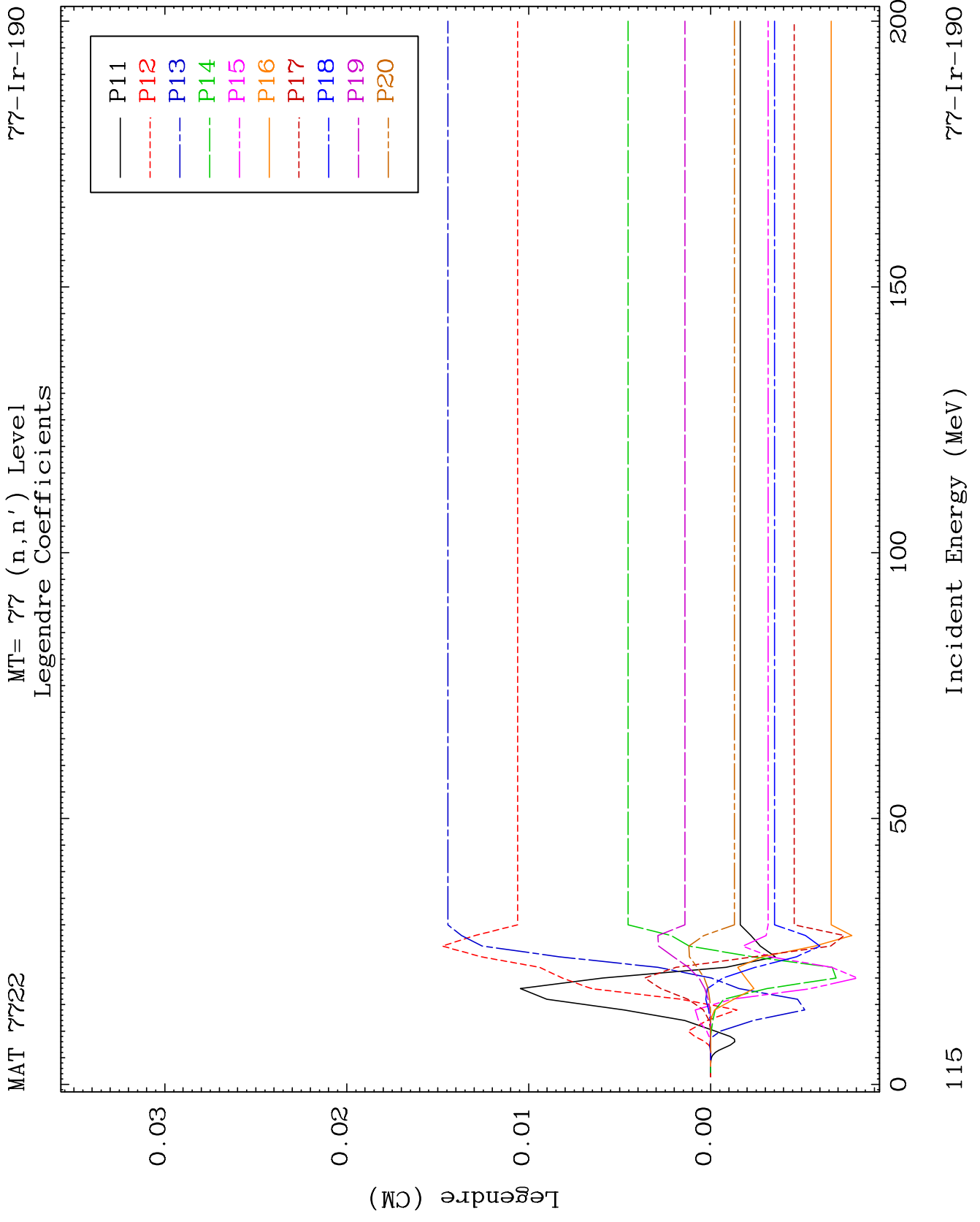
112

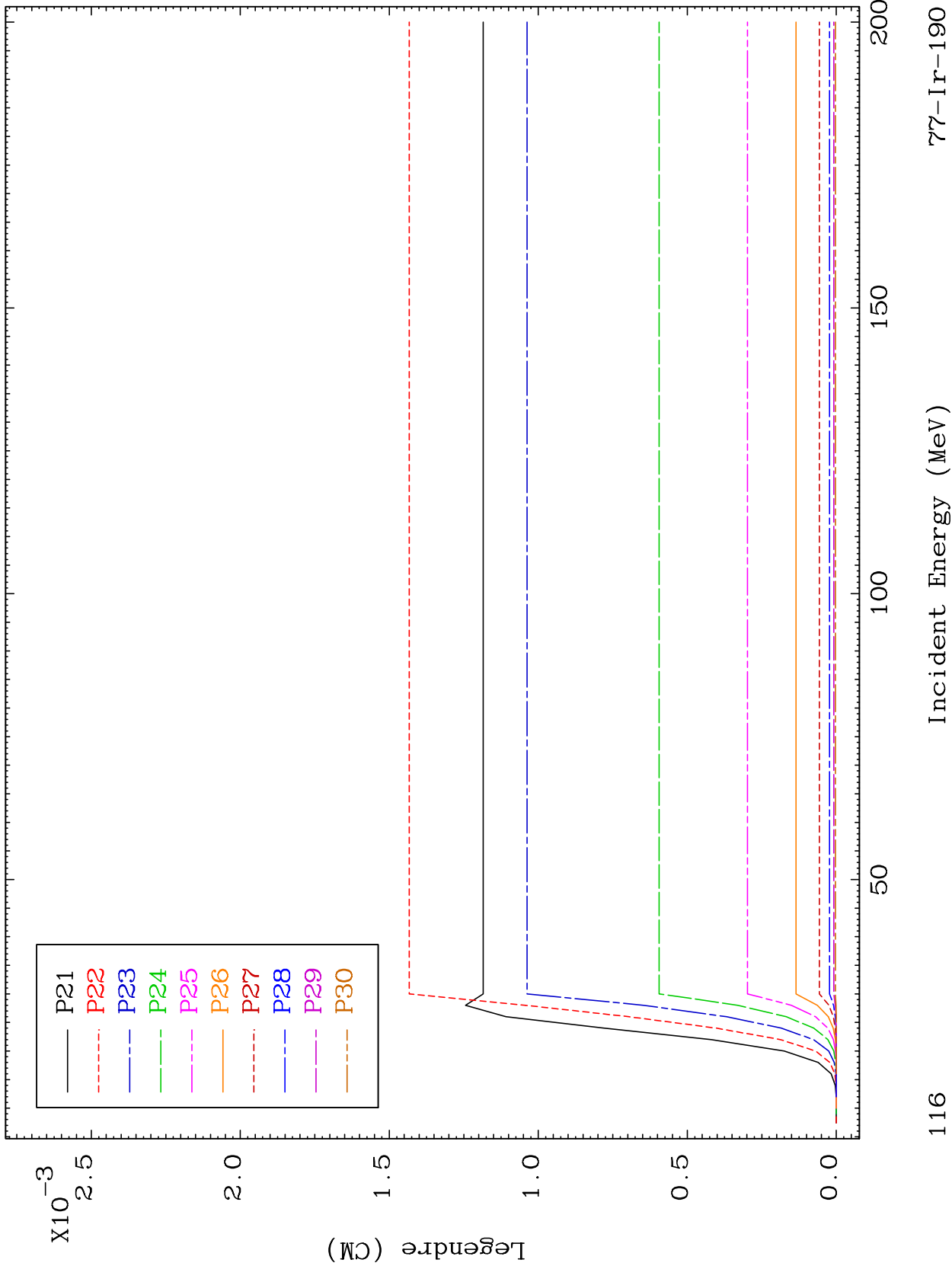
Incident Energy (MeV)

77-Ir-190





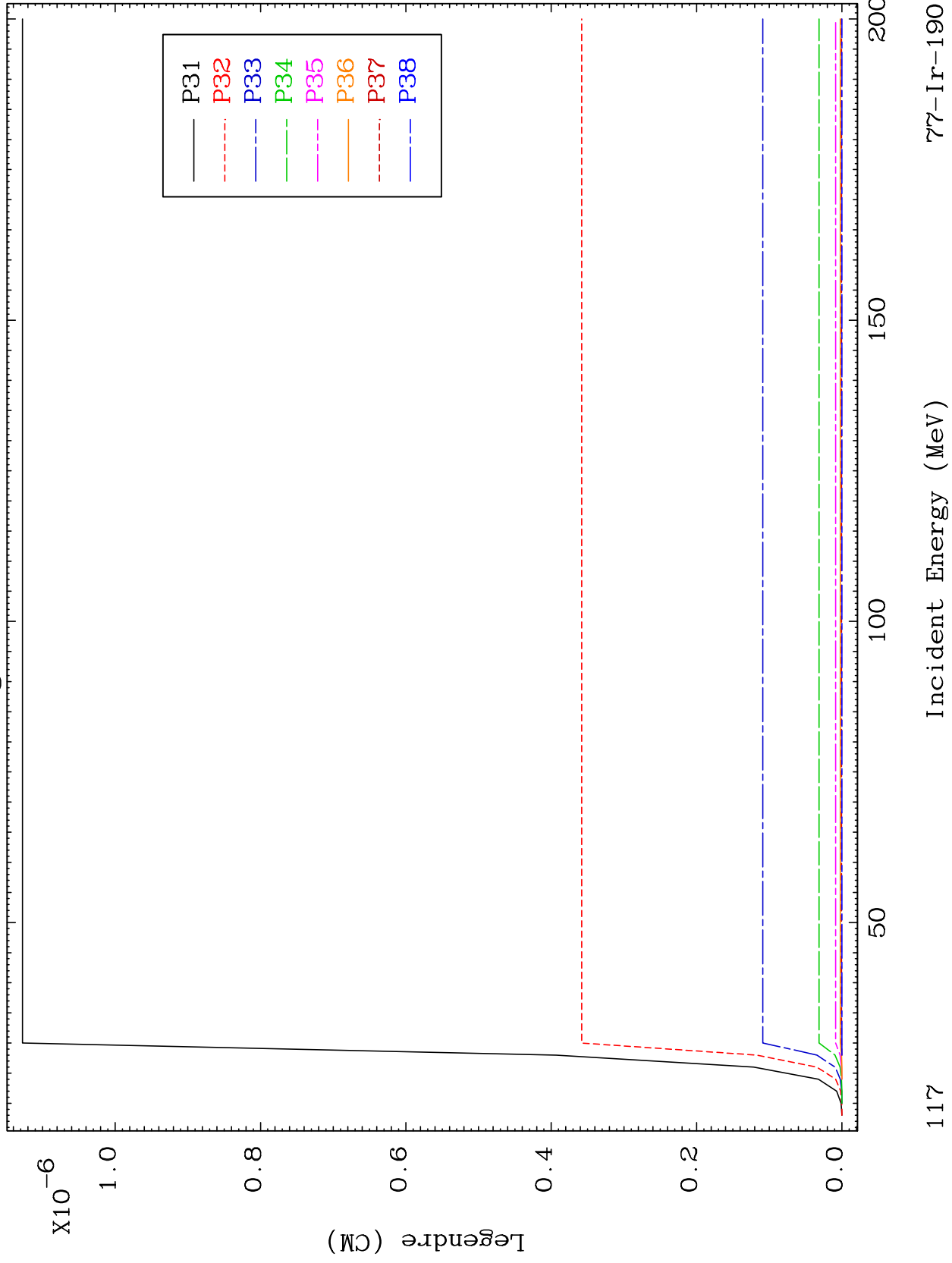




MAT 7722

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

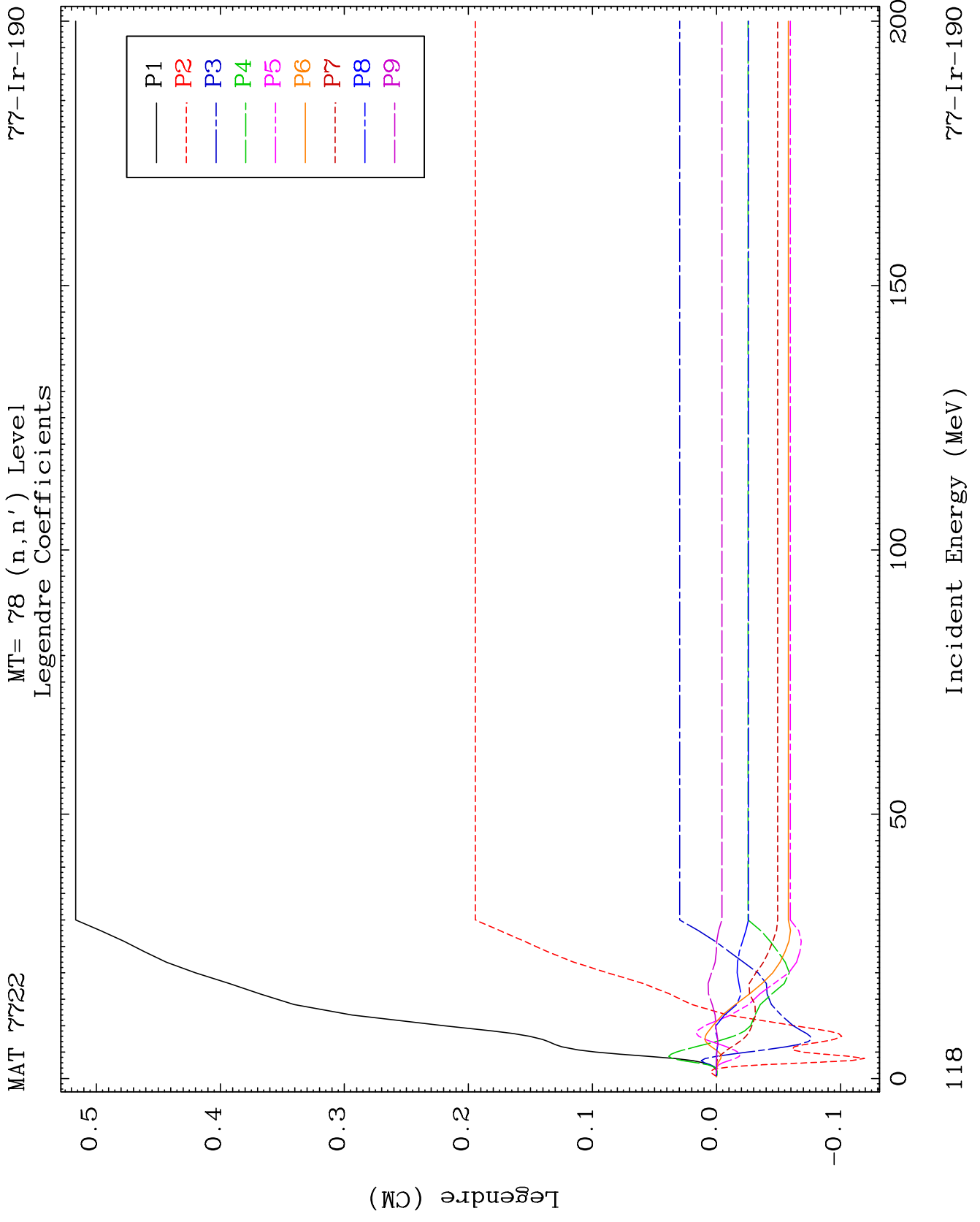
77-Ir-190



117

Incident Energy (MeV)

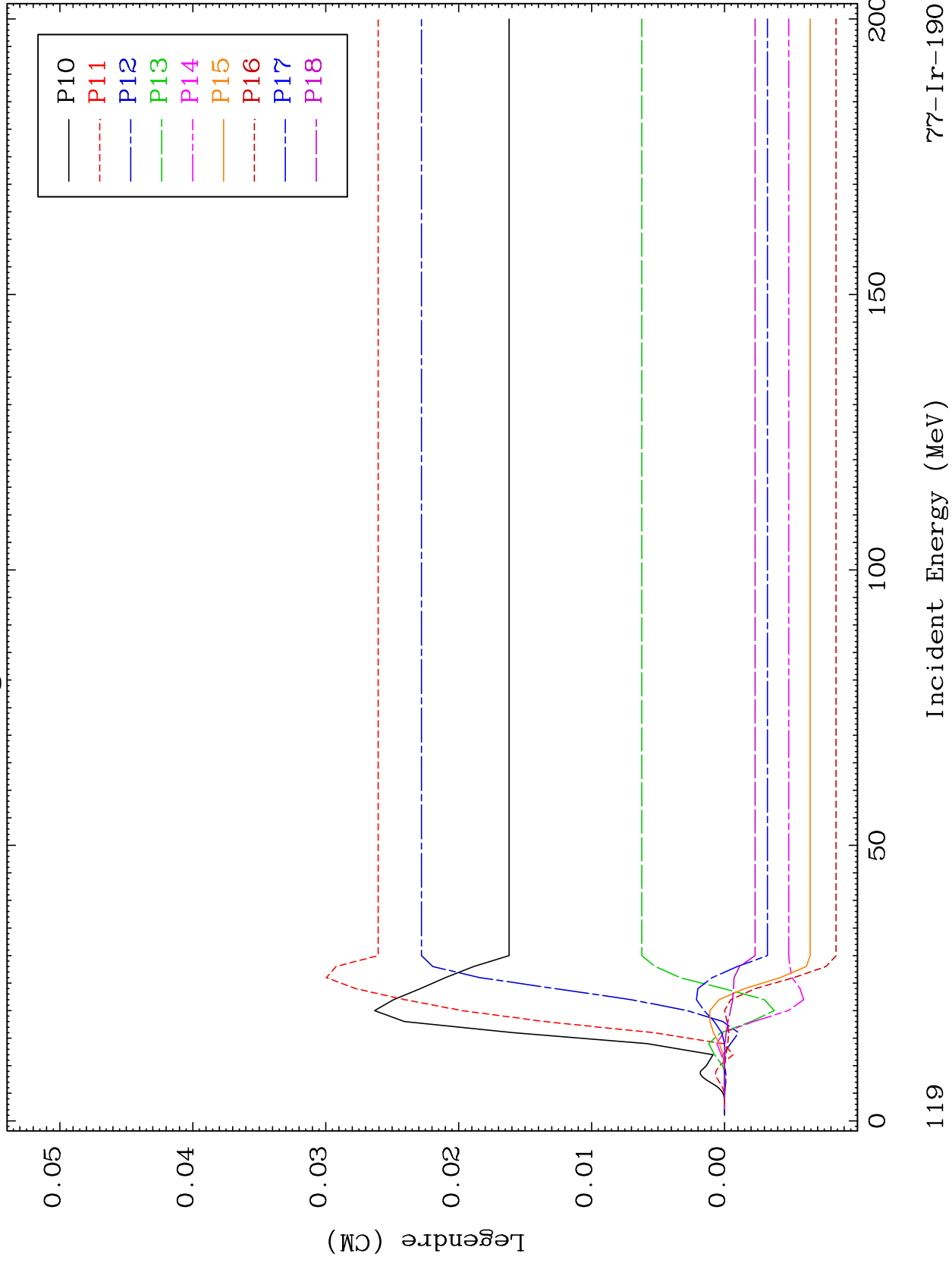
77-Ir-190



MAT 7722

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

77-Ir-190



77-Ir-190

Incident Energy (MeV)

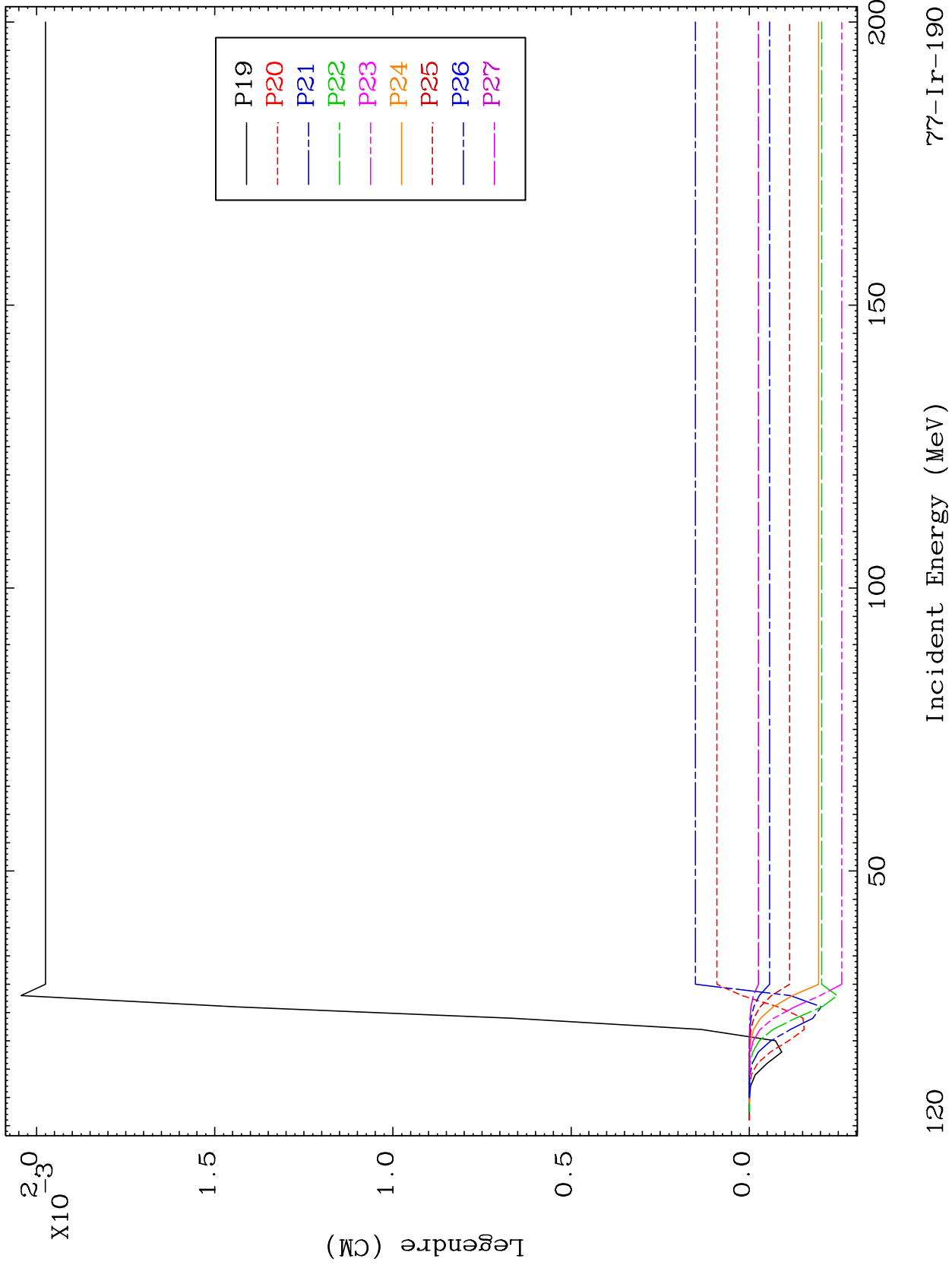
119

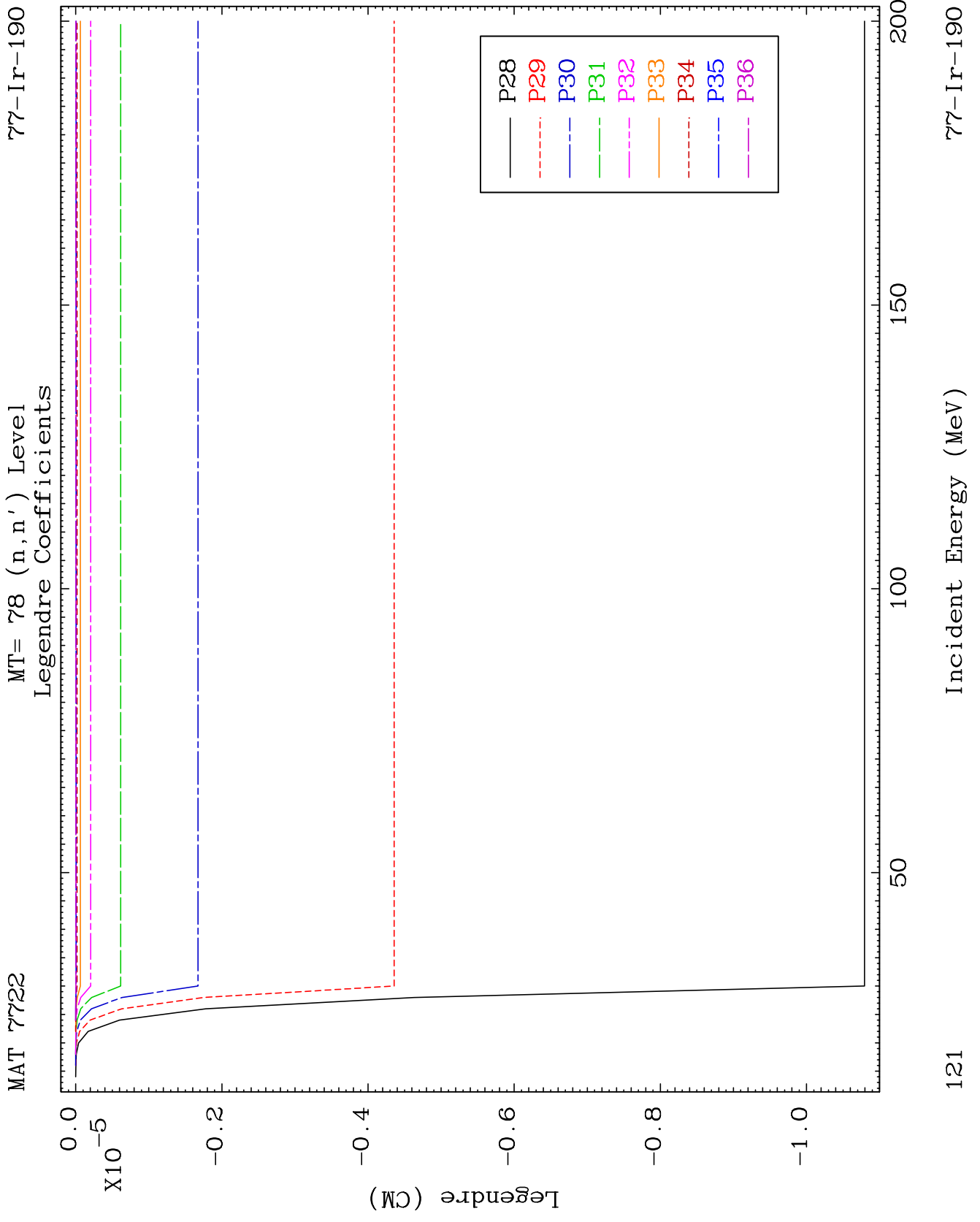


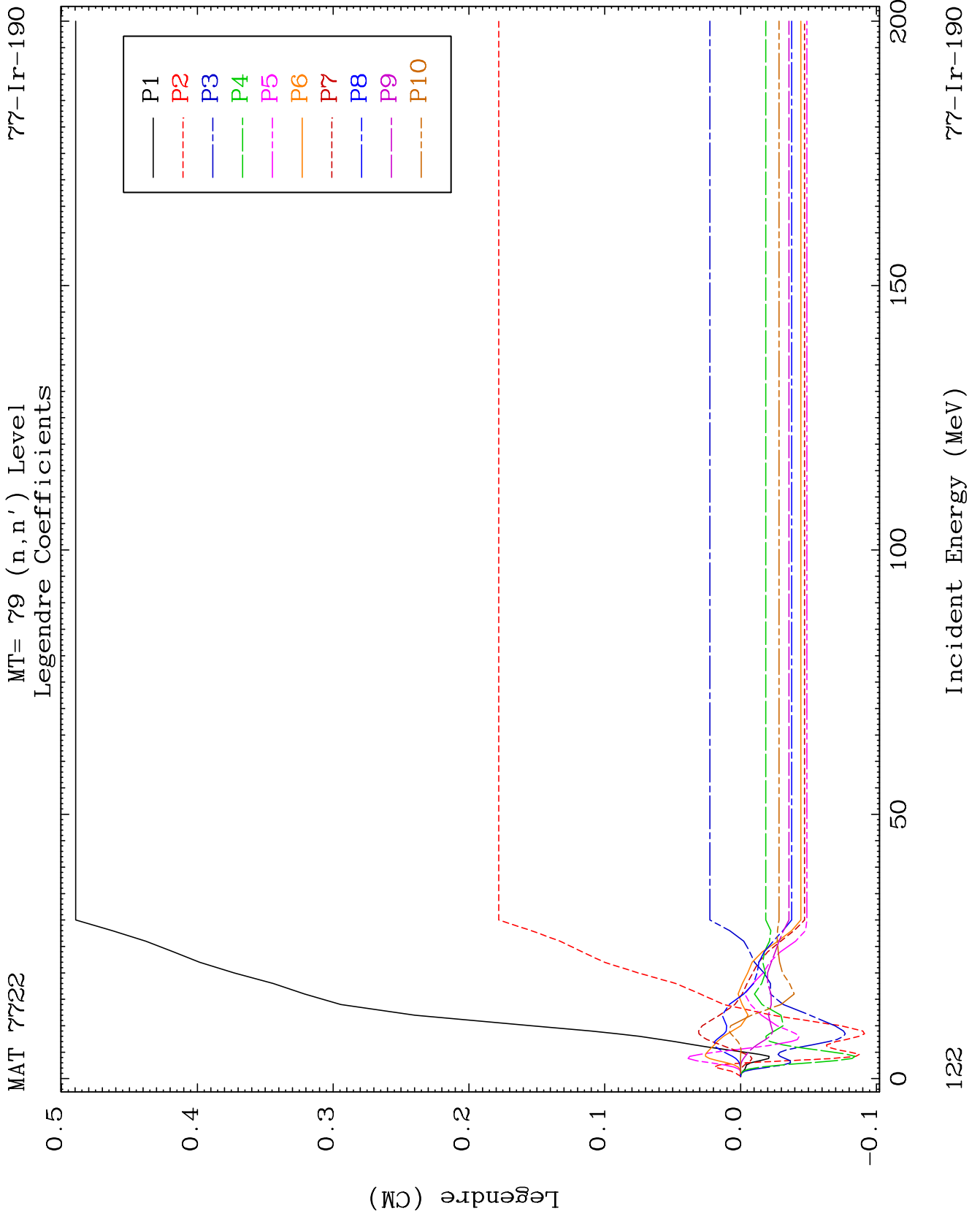
MAT 7722

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

77-Ir-190



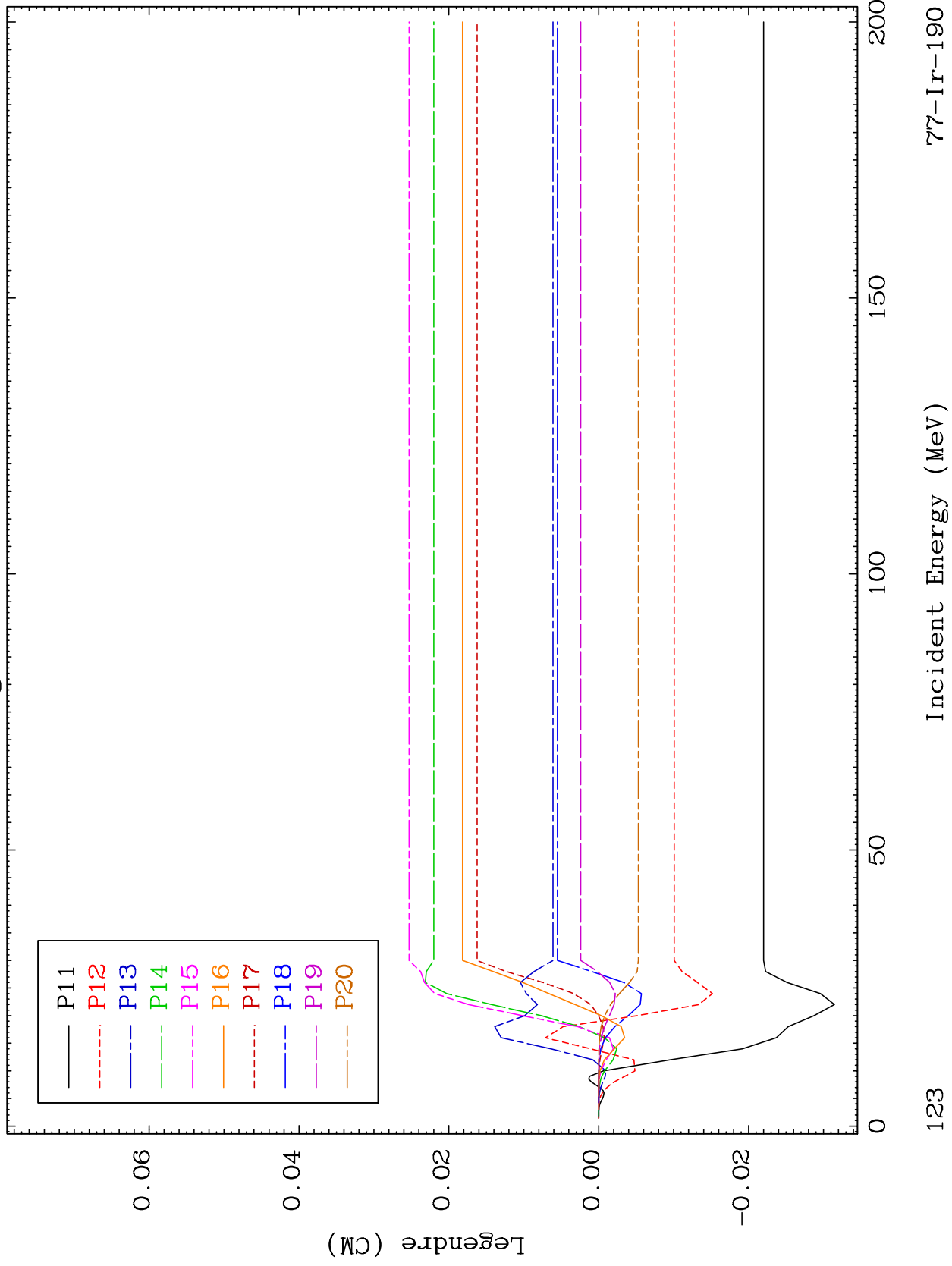




MAT 7722

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

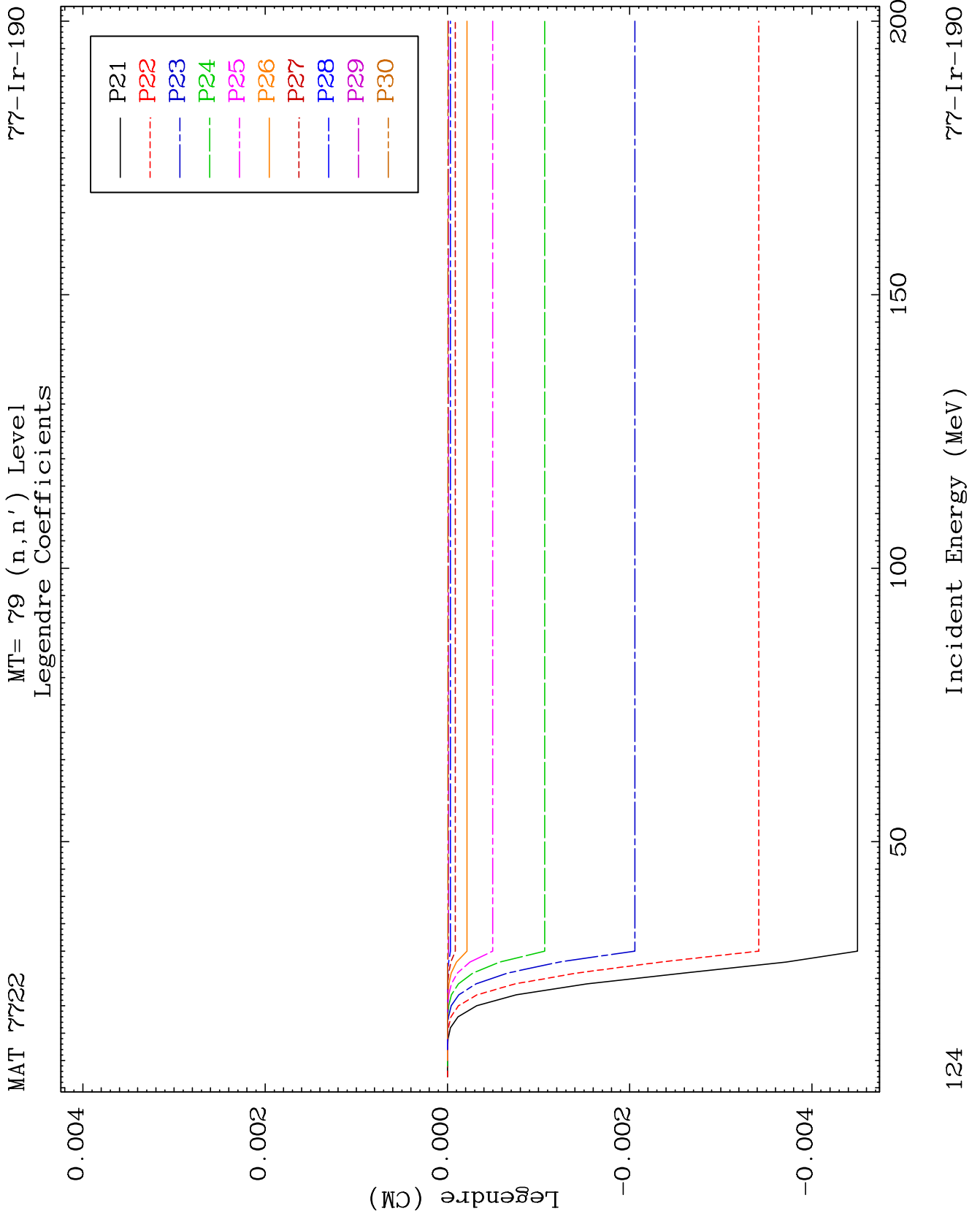
77-Ir-190

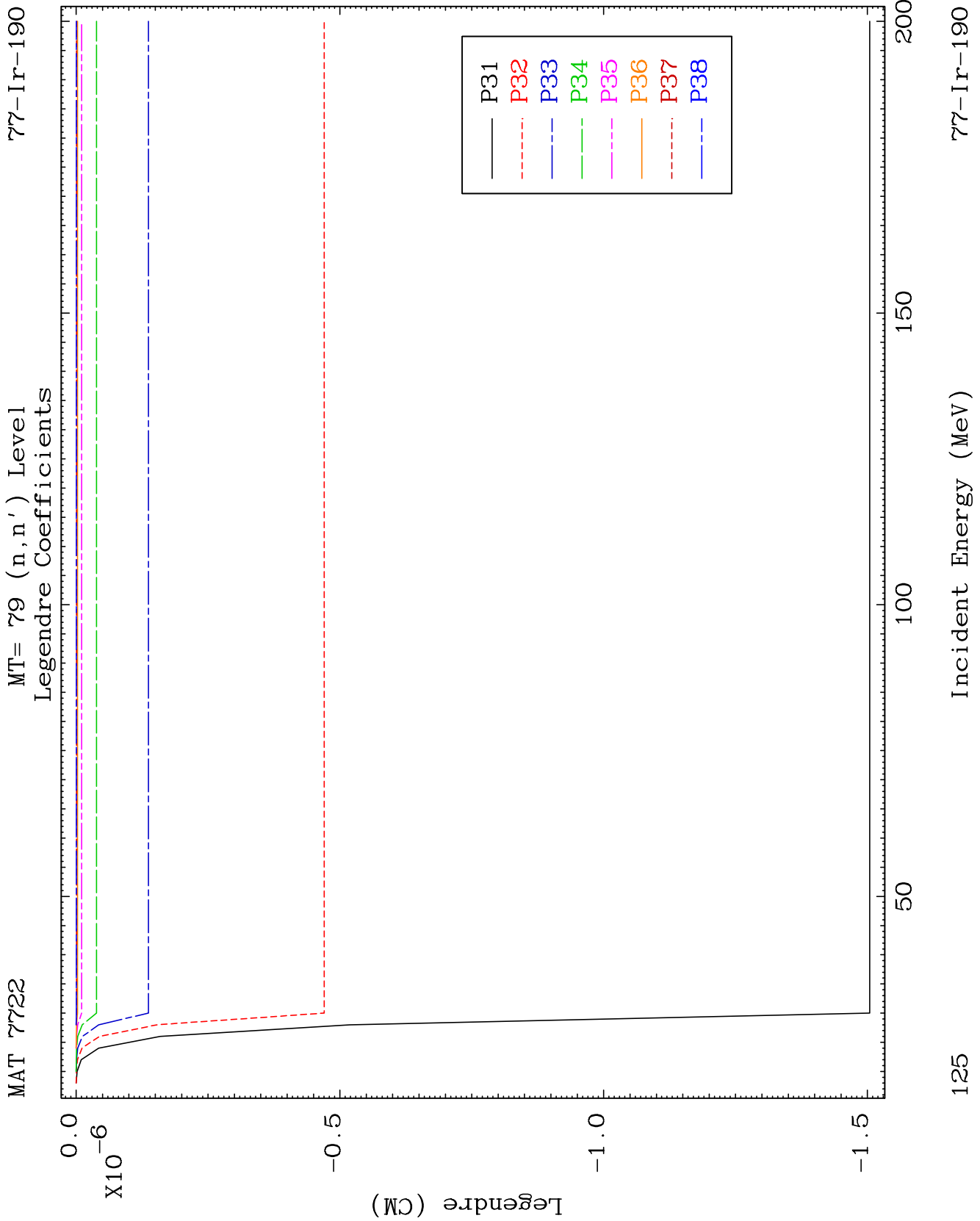


77-Ir-190

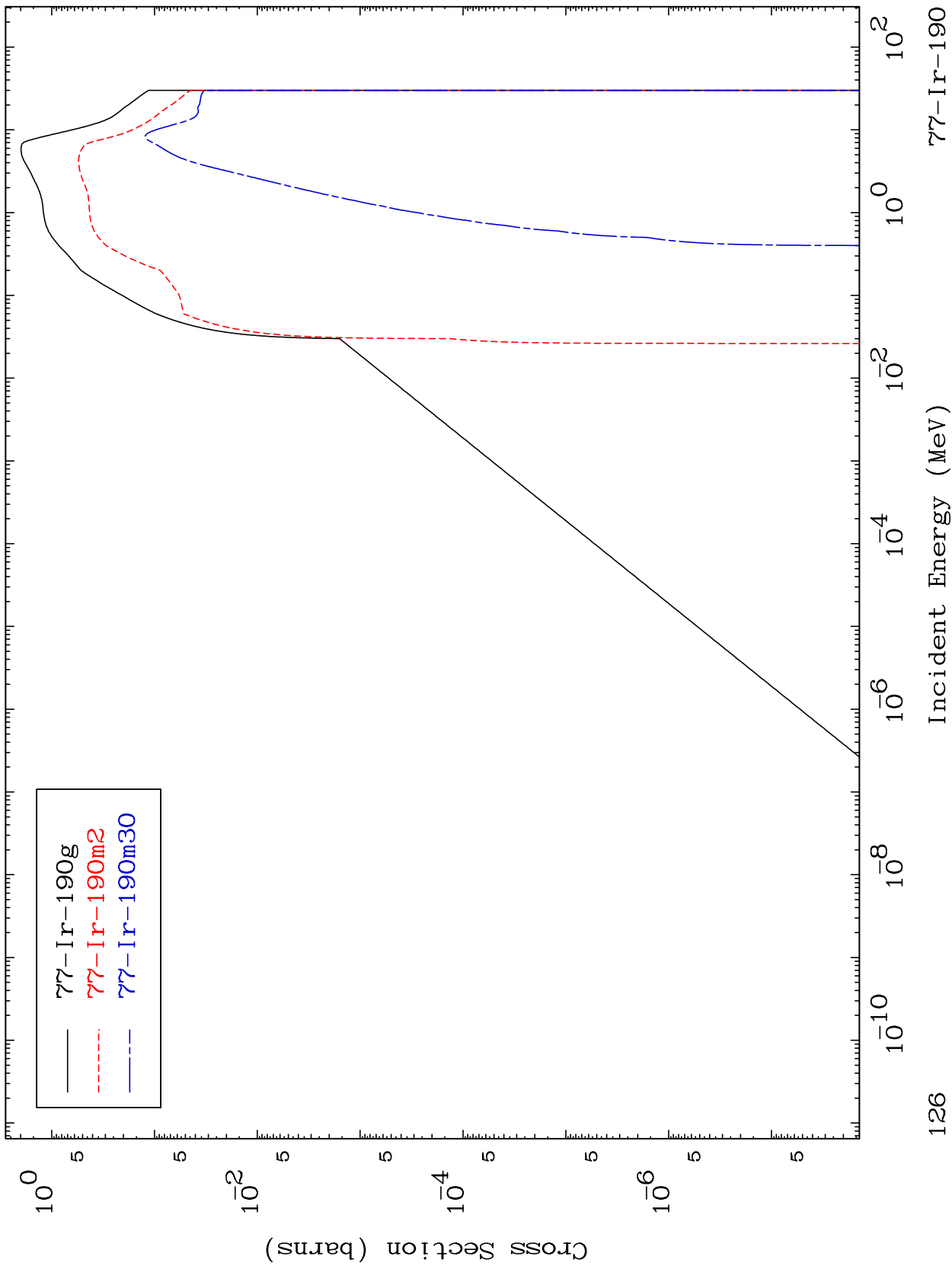
Incident Energy (MeV)

123





Inelastic  
Radionuclide Production Cross Section

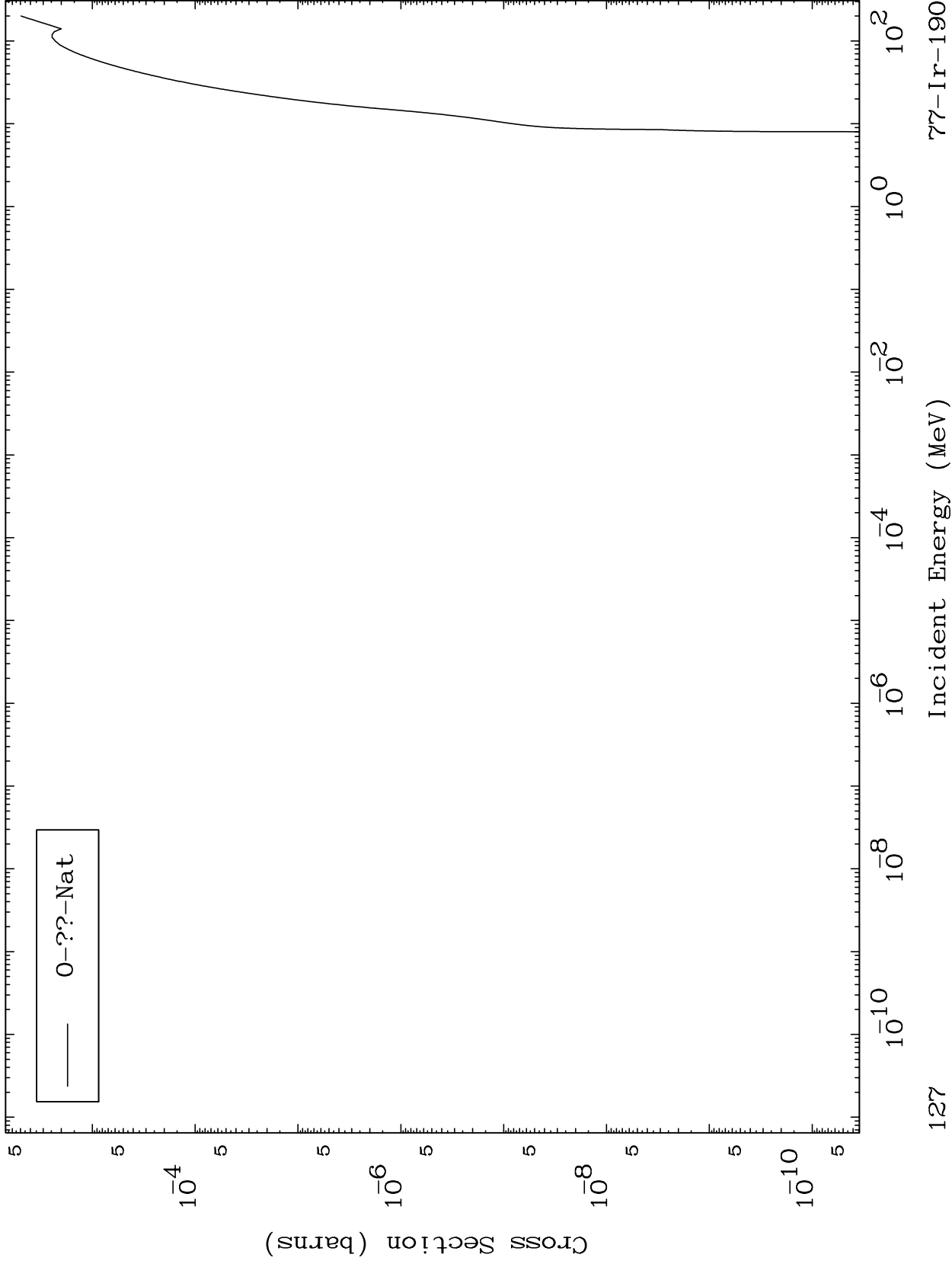


MAT 7722

Fission

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



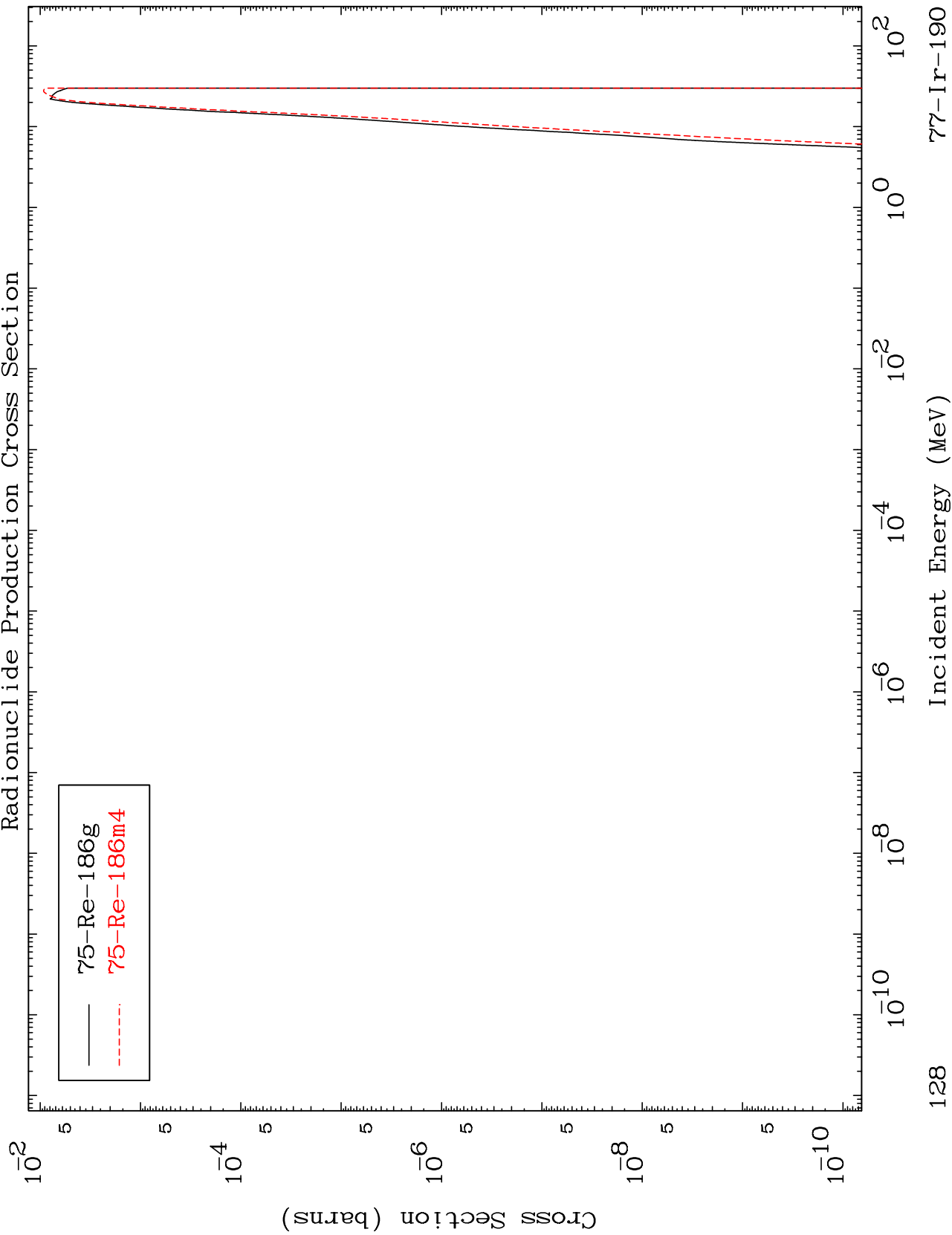


MAT 7722

$(n, n') \alpha$

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

Radionuclide Production Cross Section

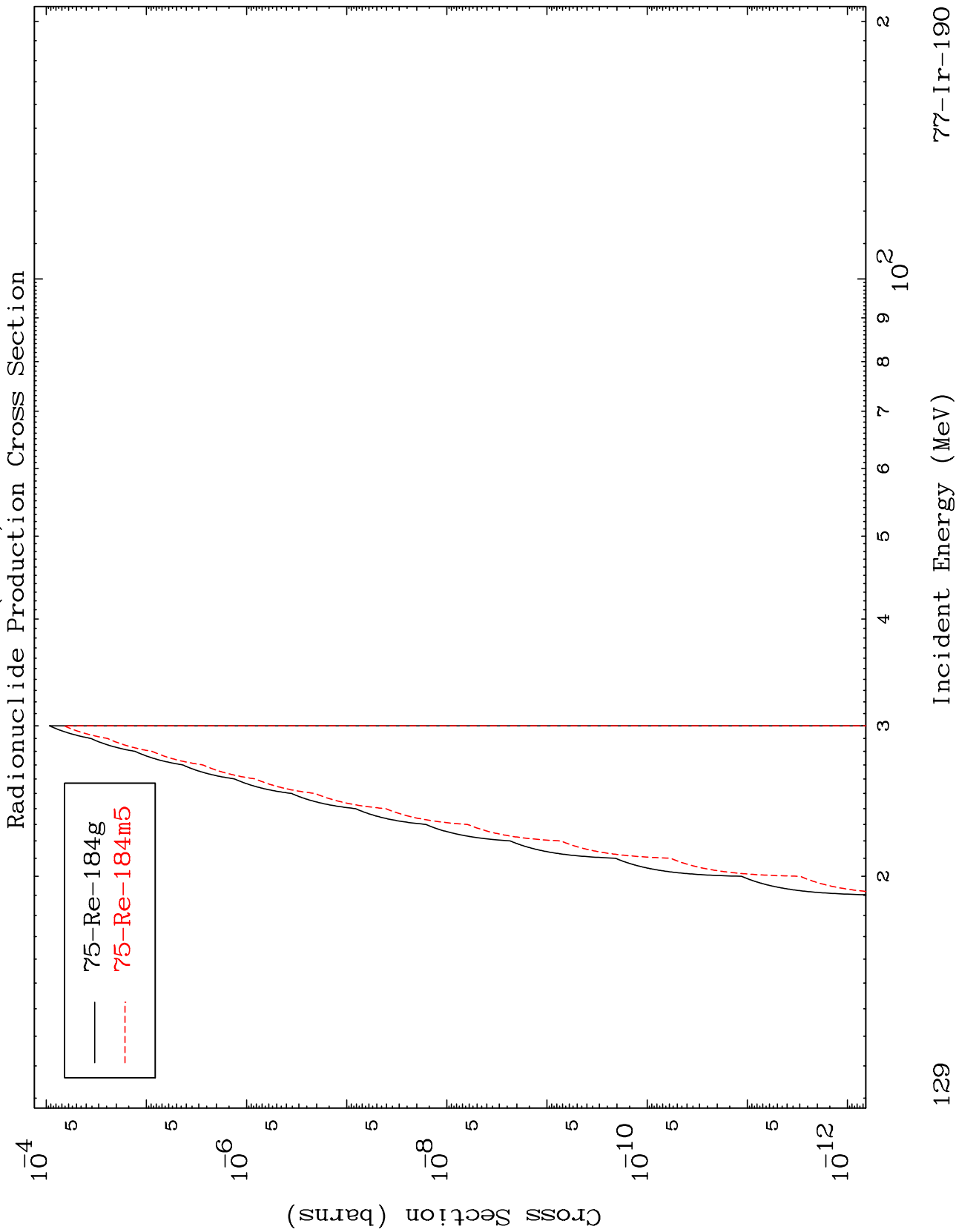


75-Re-186g  
75-Re-186m4

MAT 7722

(n,3n)  $\alpha$

<sup>77</sup>Ir-190

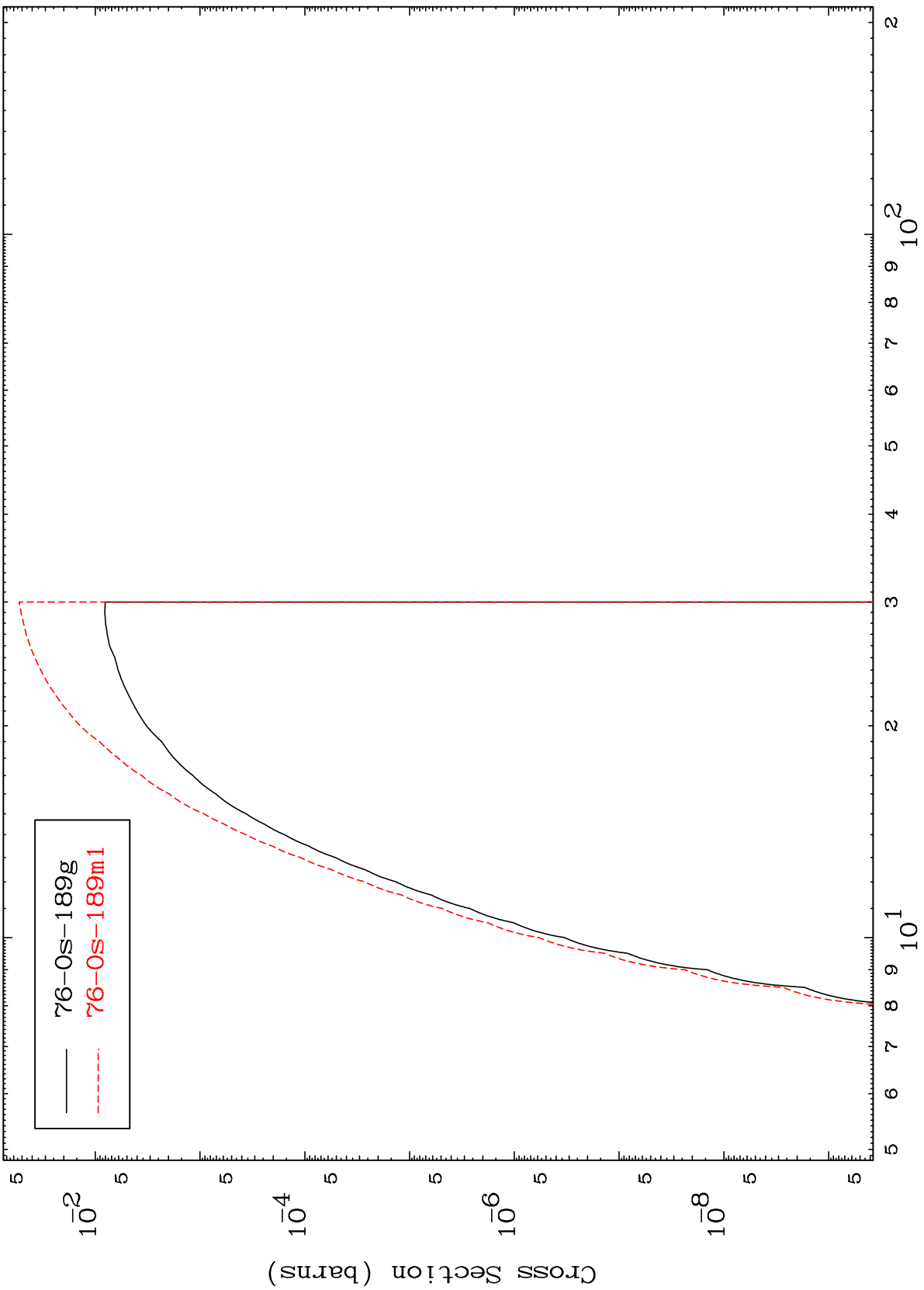


MAT 7722

(n,n') p

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



130

Incident Energy (MeV)

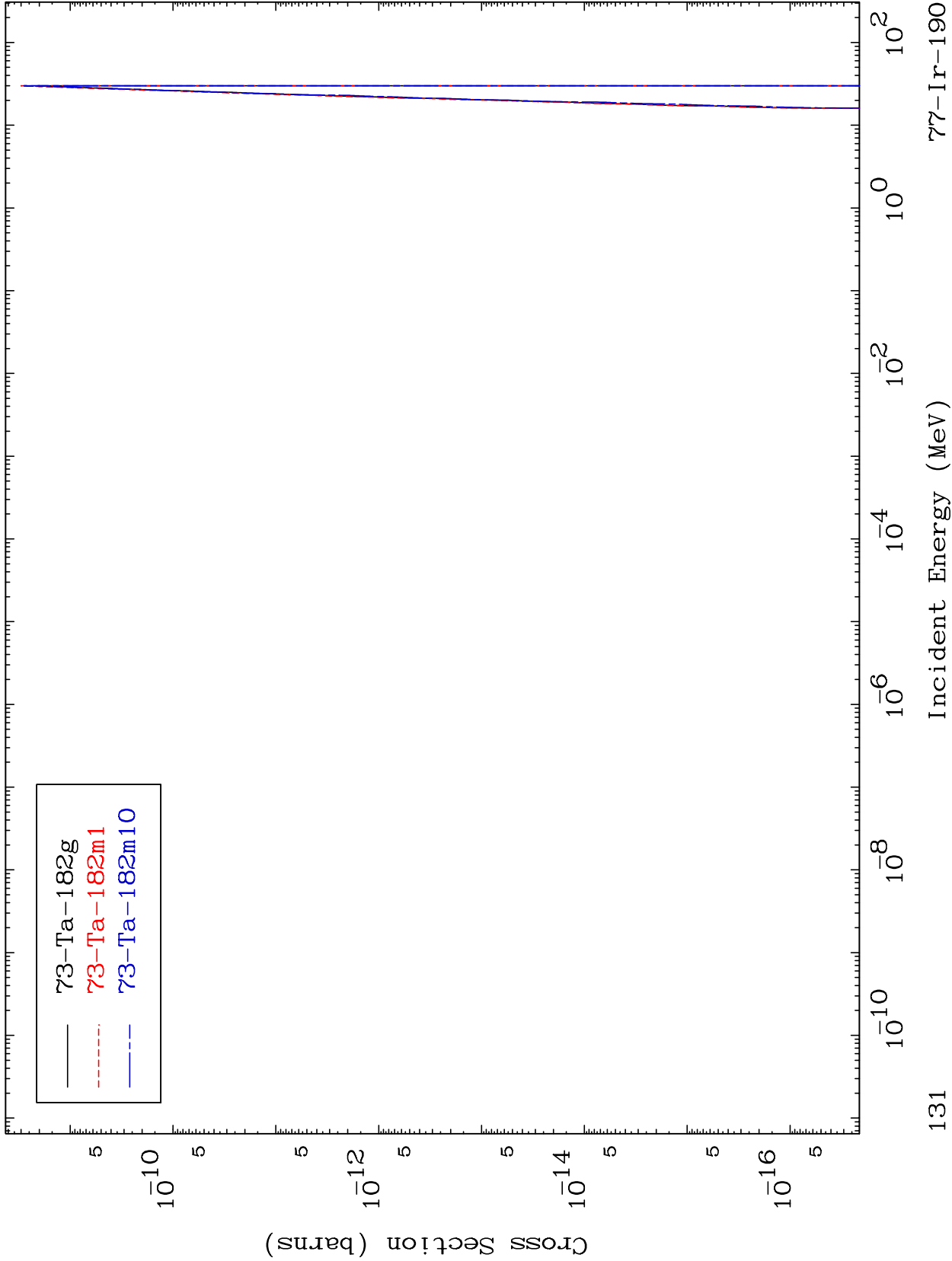
<sup>77</sup>Ir-190

MAT 7722

(n,n') 2α

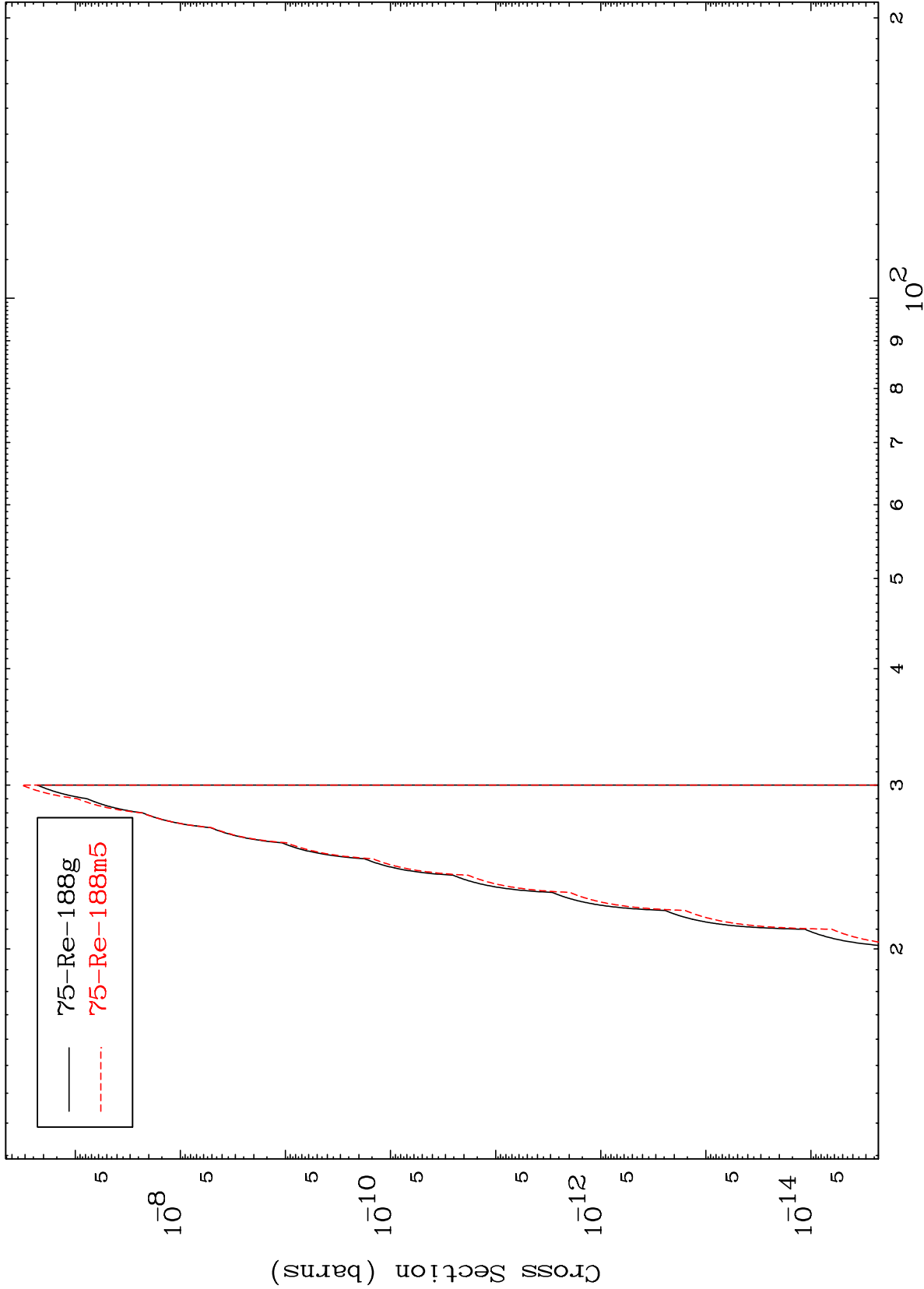
77-Ir-190

Radionuclide Production Cross Section



131

(n,2n) p  
Radionuclide Production Cross Section

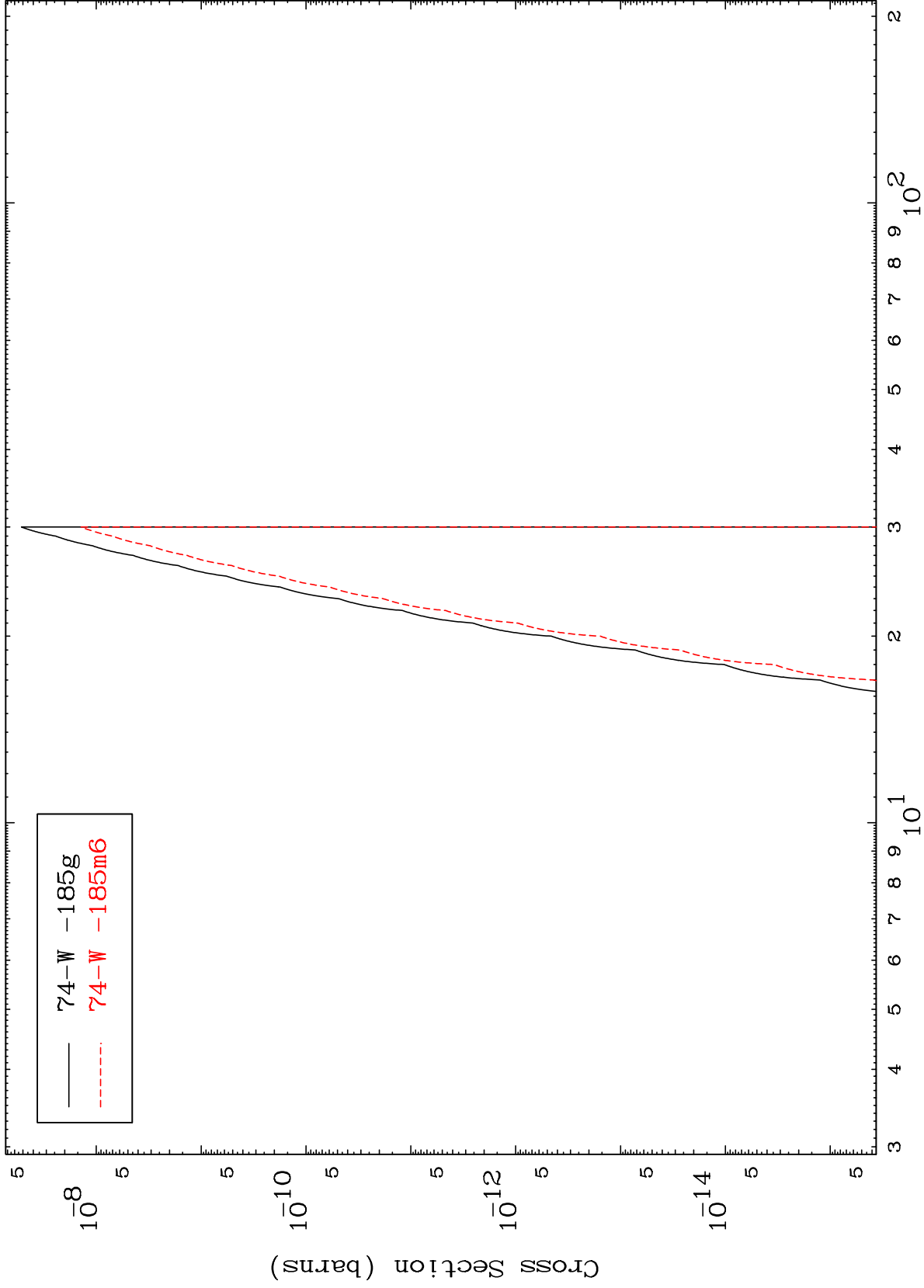


MAT 7722

(n,n') p  $\alpha$

77-Ir-190

Radionuclide Production Cross Section

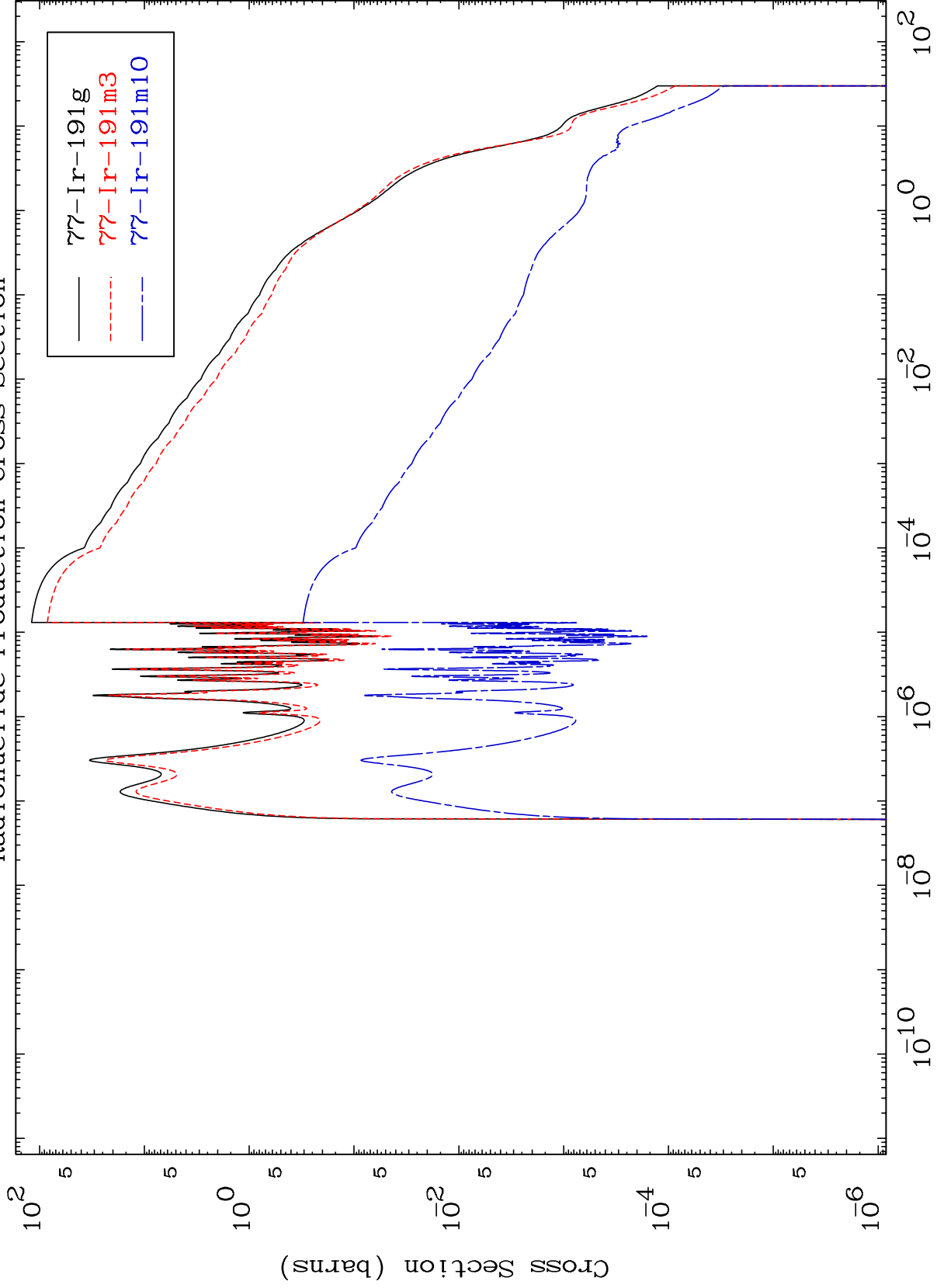


133

Incident Energy (MeV)

77-Ir-190

(n,γ)  
Radionuclide Production Cross Section

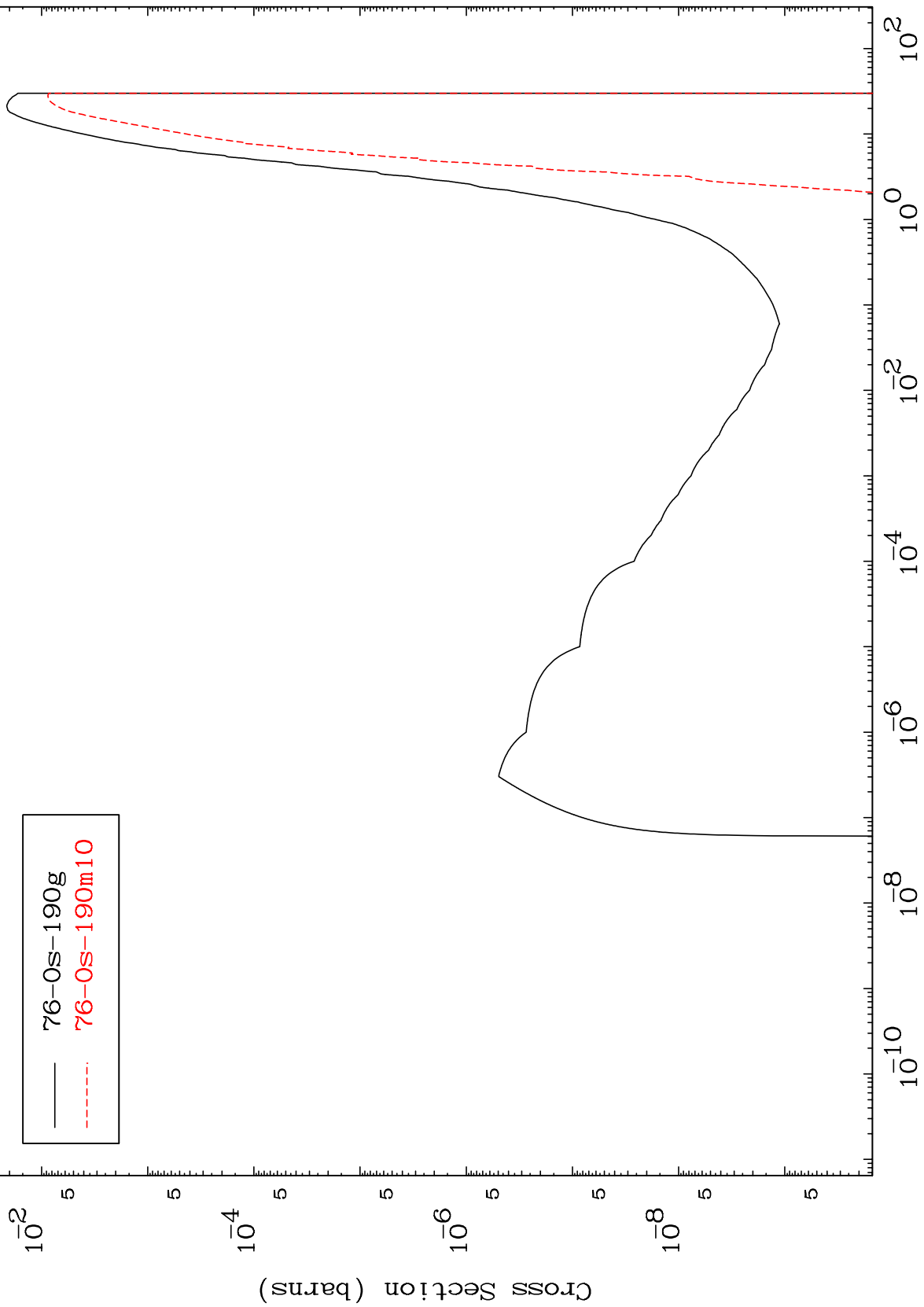


MAT 7722

(n,p)

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



— 76-0s-190g  
- - - 76-0s-190m10

135

Incident Energy (MeV)

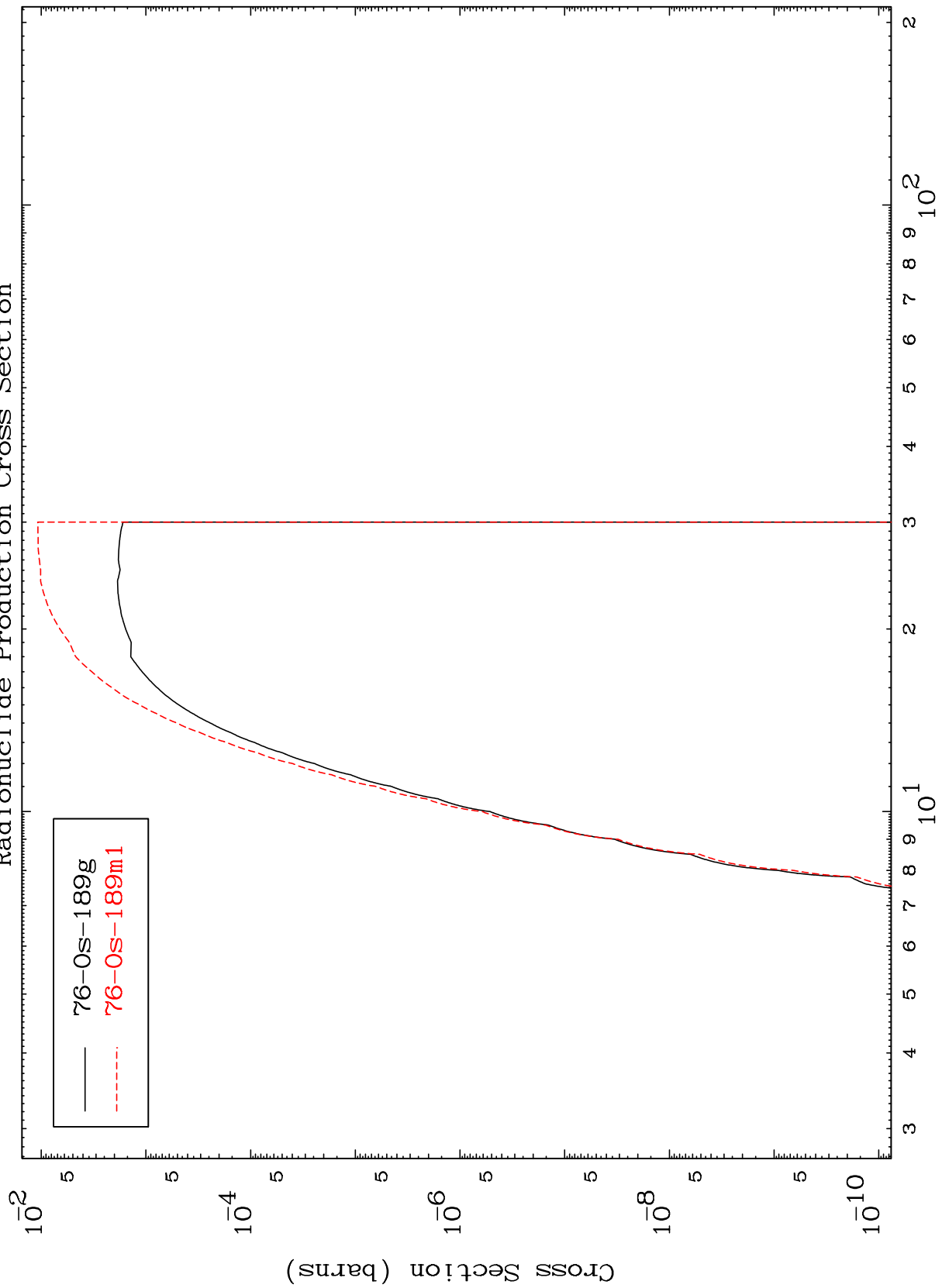
<sup>77</sup>Ir-190



MAT 7722

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



<sup>77</sup>Ir-190

Incident Energy (MeV)

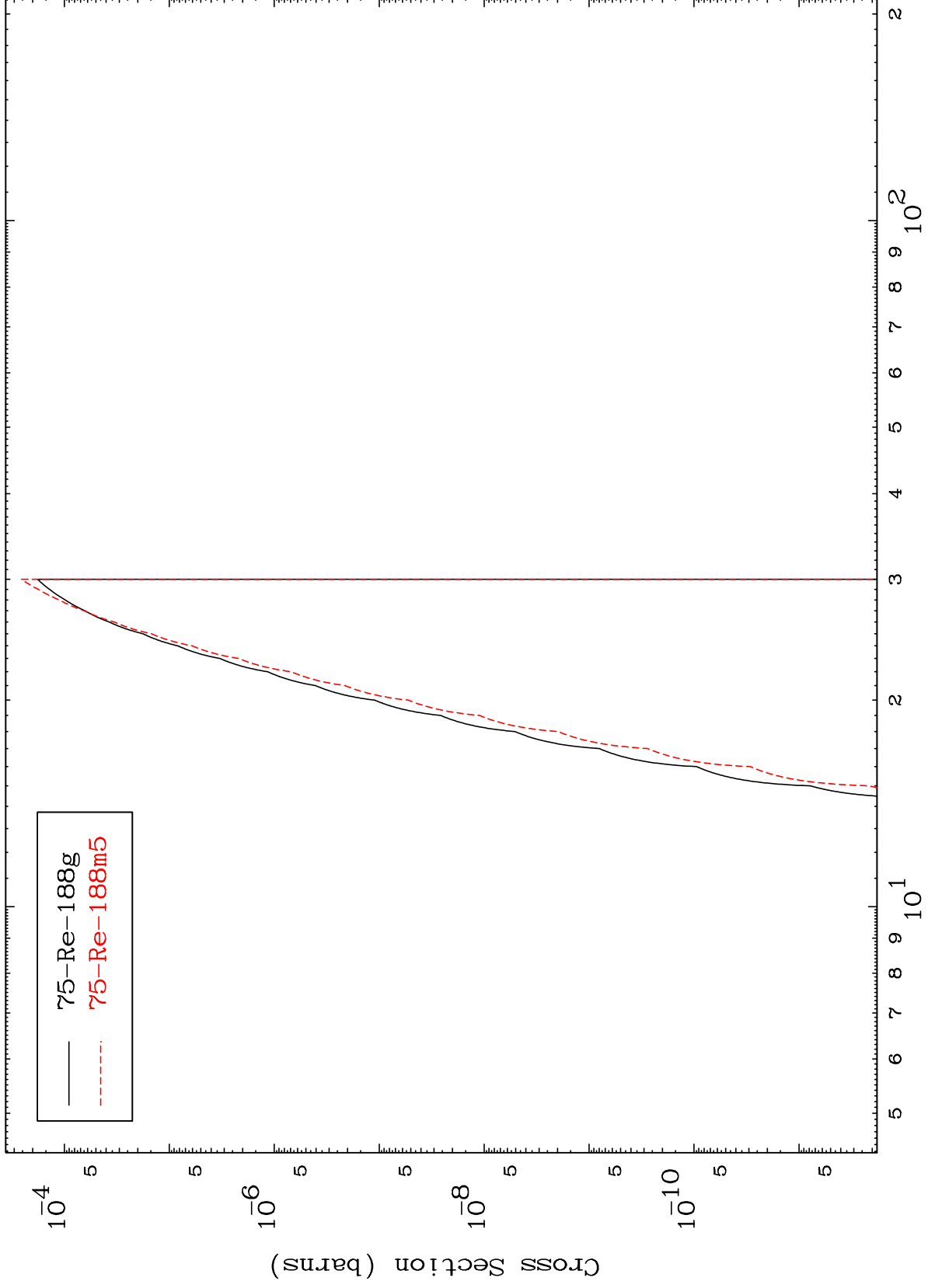
136

MAT 7722

(n,He-3)

77-Ir-190

Radionuclide Production Cross Section



137

Incident Energy (MeV)

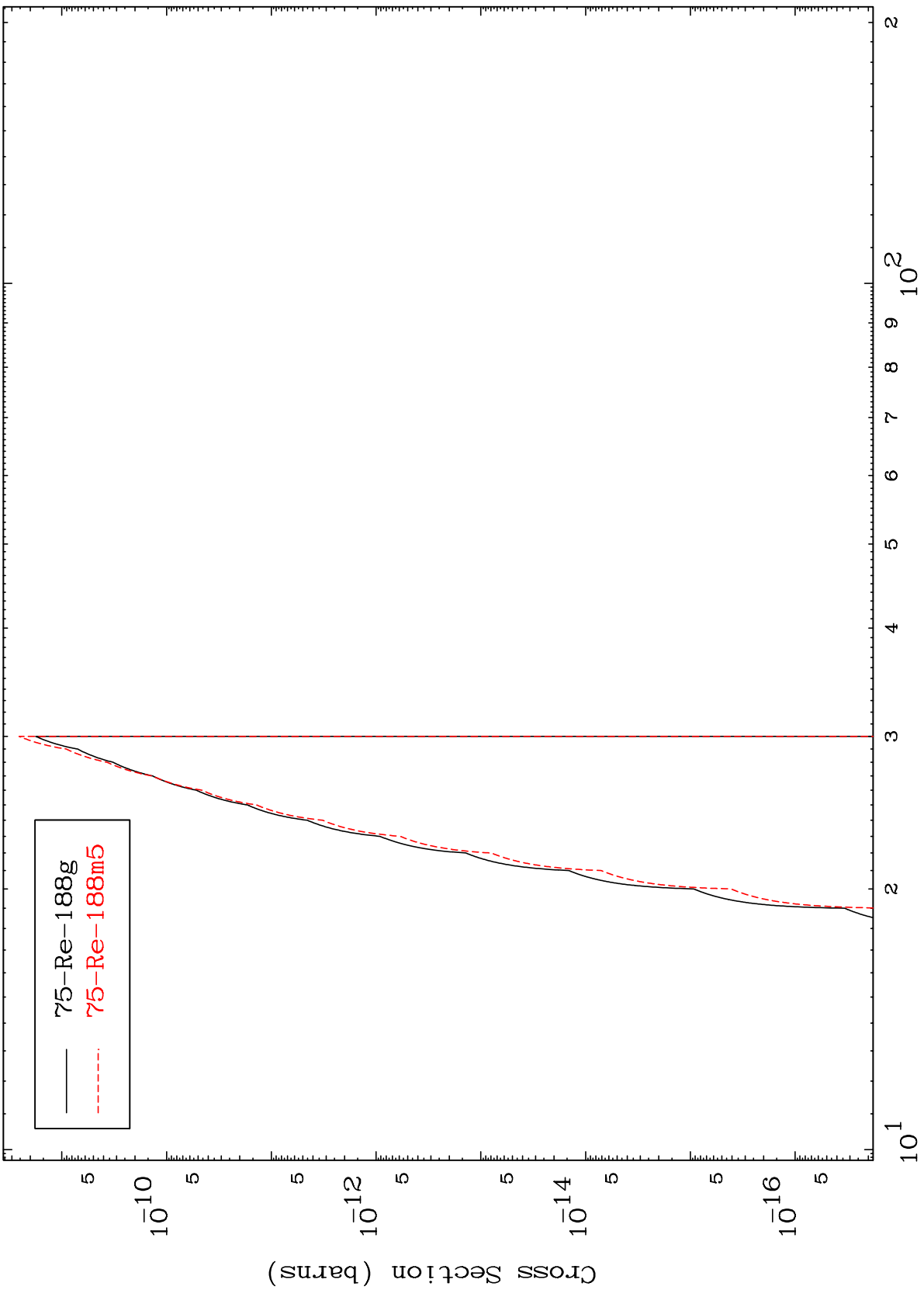
77-Ir-190

MAT 7722

(n,p) d

77-Ir-190

Radionuclide Production Cross Section



138

Incident Energy (MeV)

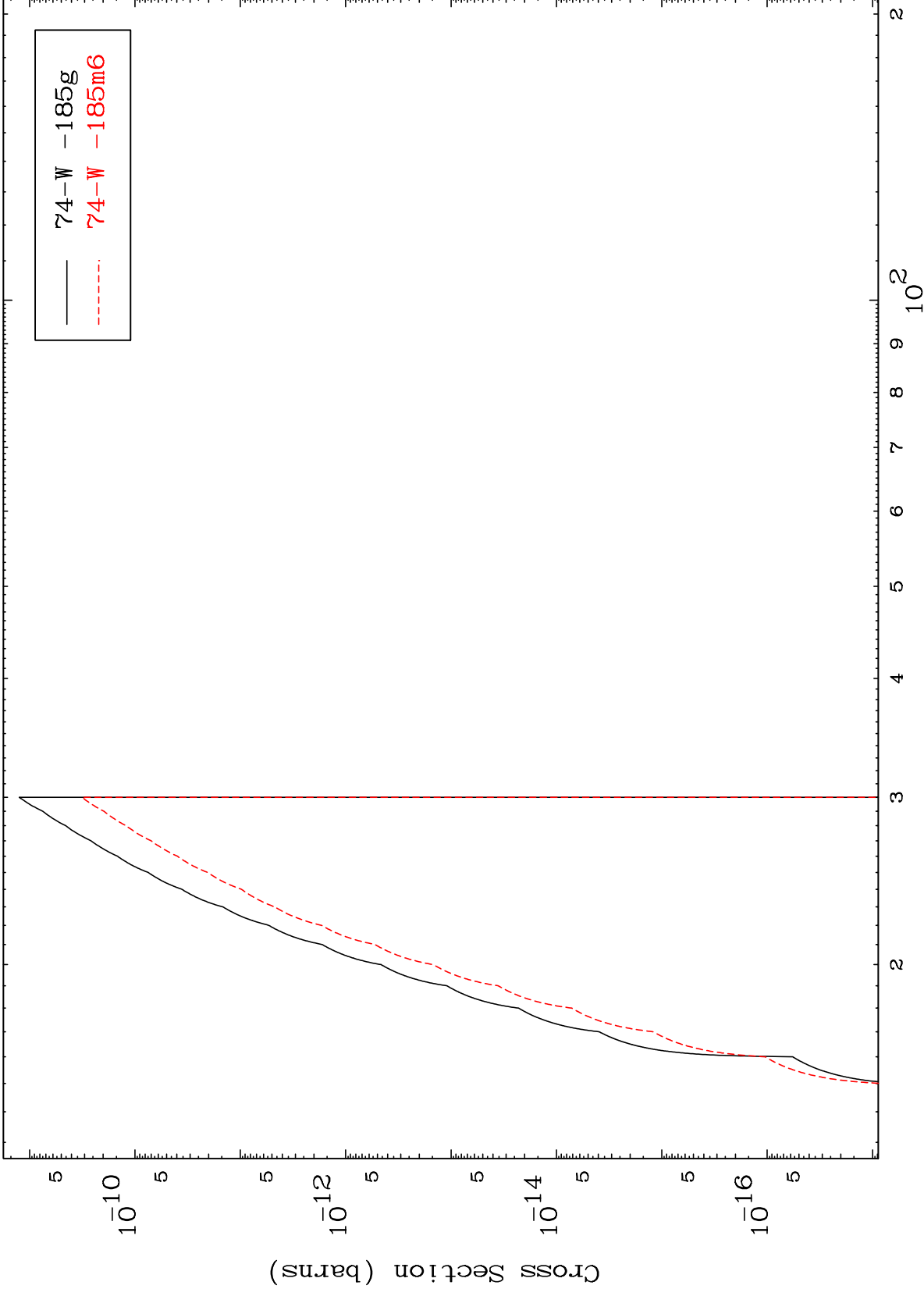
77-Ir-190

MAT 7722

(n,d)  $\alpha$

<sup>77</sup>Ir-190

Radionuclide Production Cross Section



74-W - 185g  
74-W - 185m6

139

Incident Energy (MeV)

<sup>77</sup>Ir-190