

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

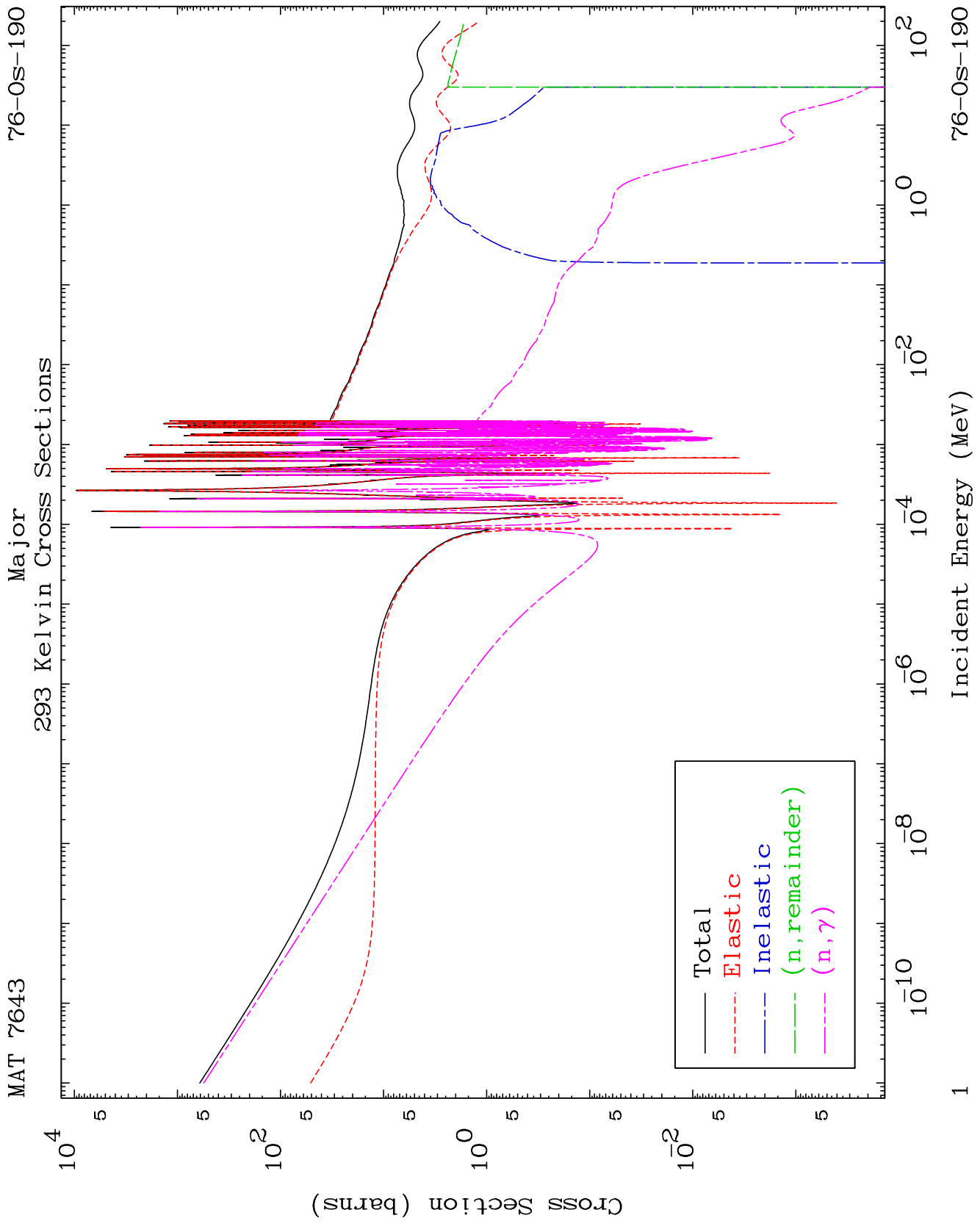
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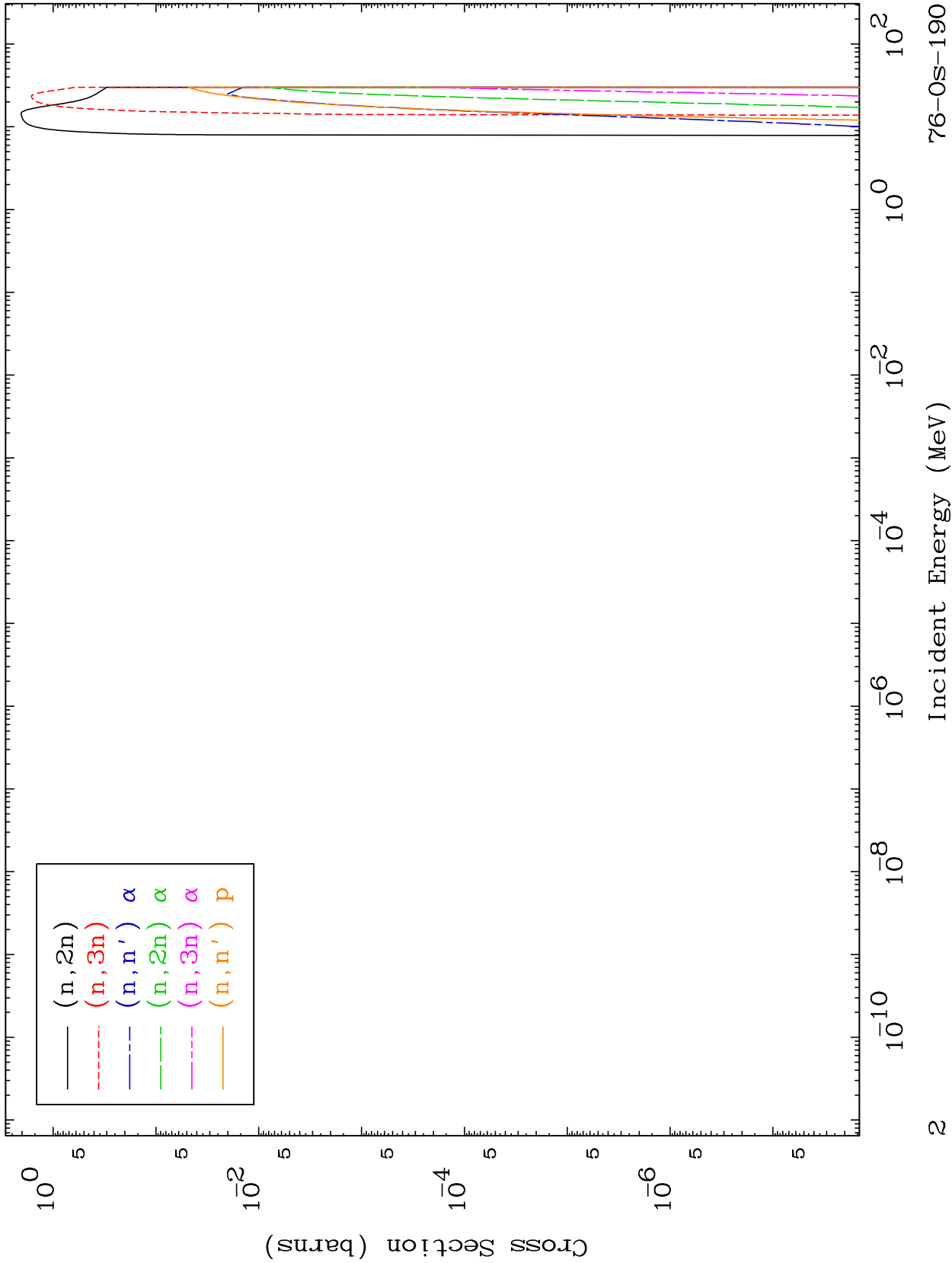
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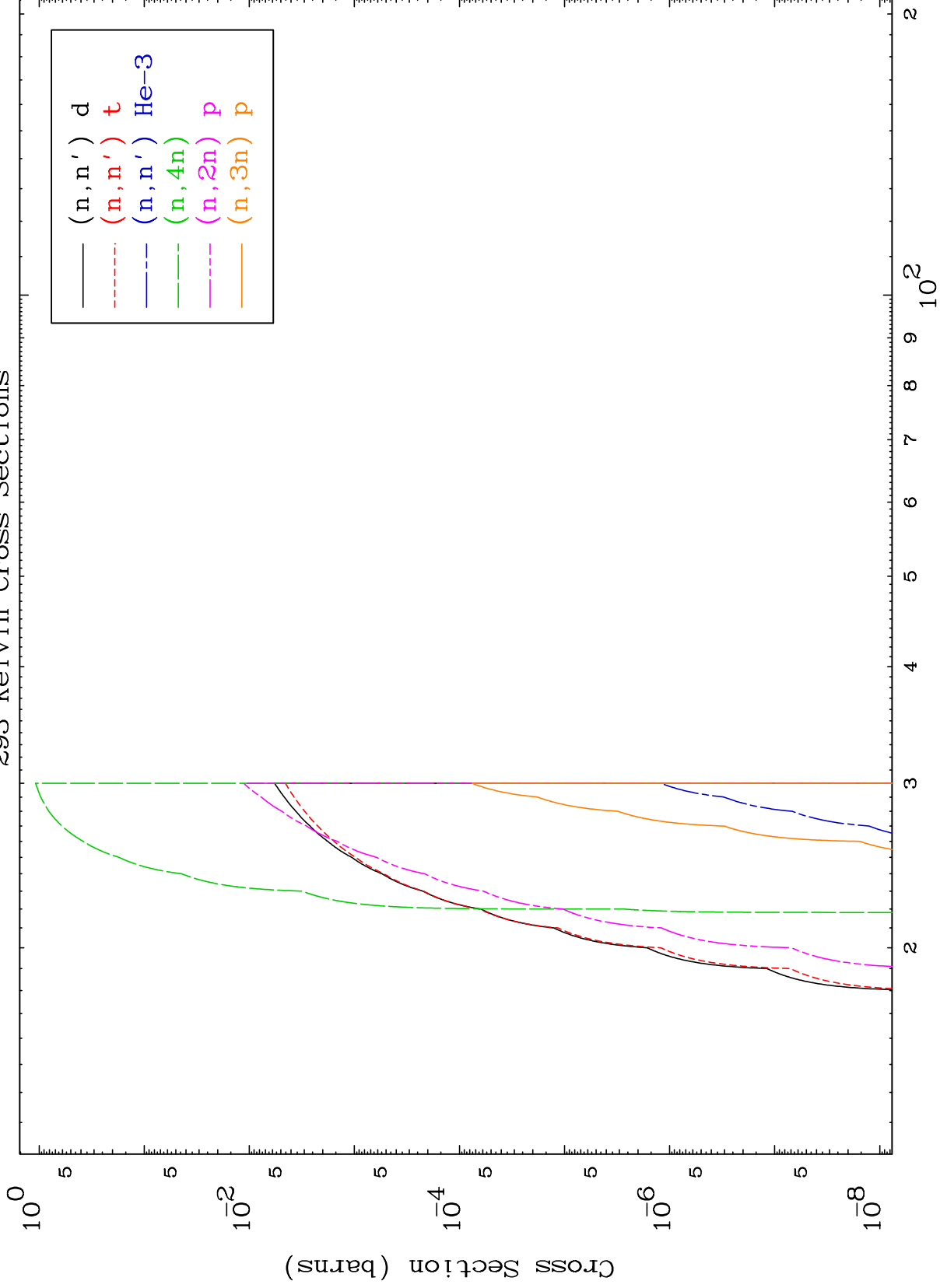


MAT 7643

Neutron Production  
293 Kelvin Cross Sections

76-Os-190

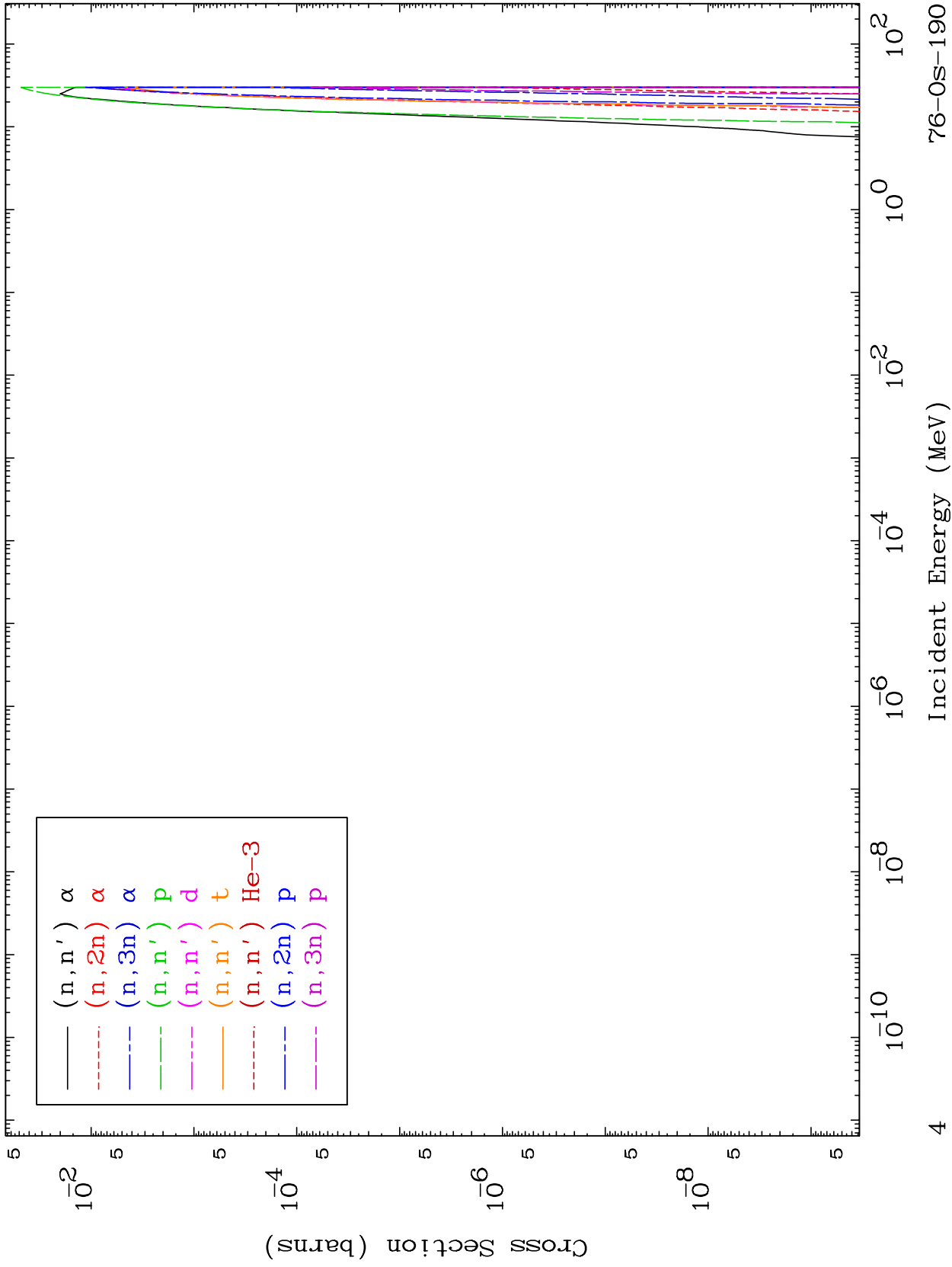




MAT 7643

Charged Particle  
293 Kelvin Cross Sections

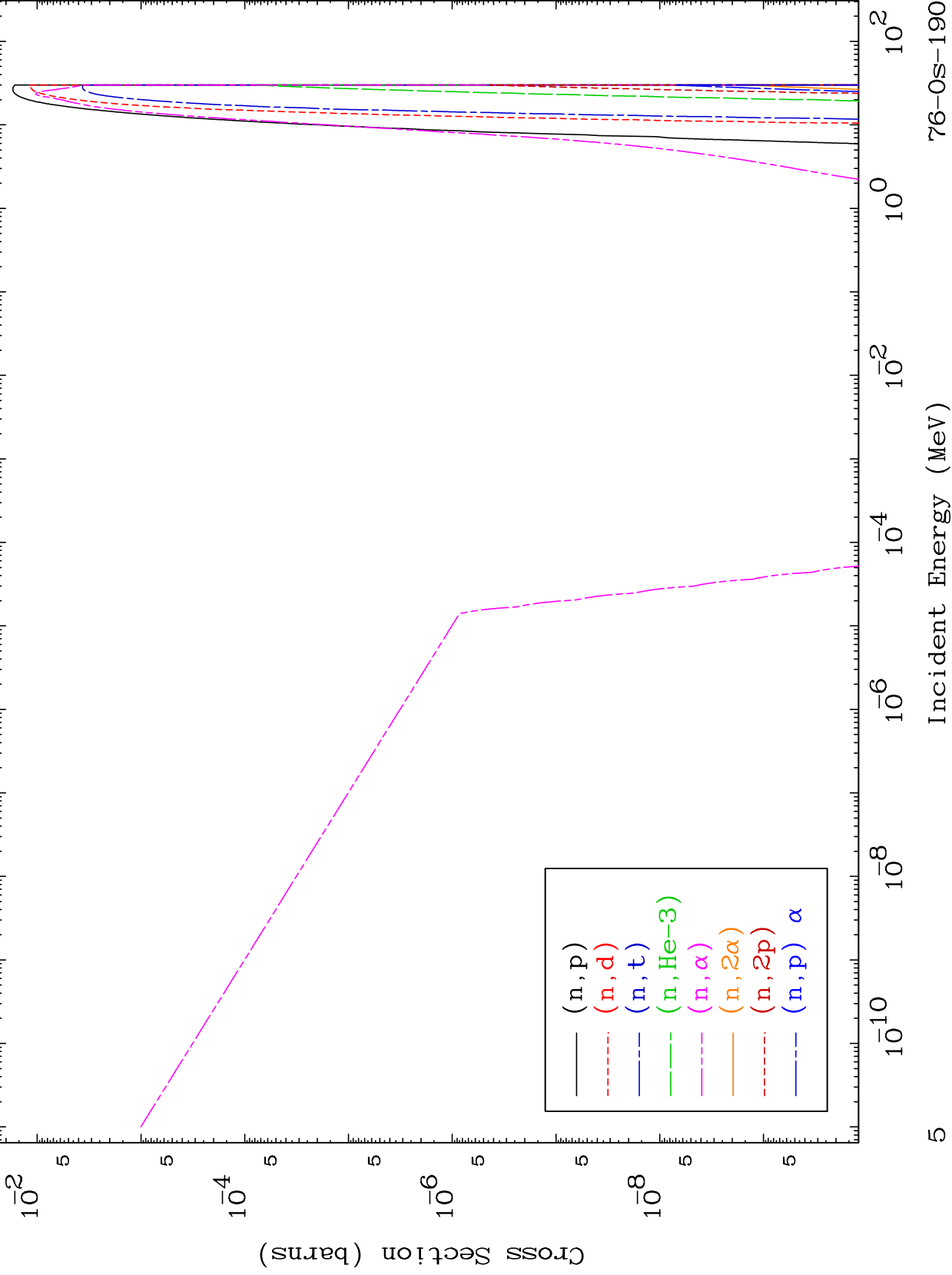
76-Os-190



MAT 7643

Charged Particle  
293 Kelvin Cross Sections

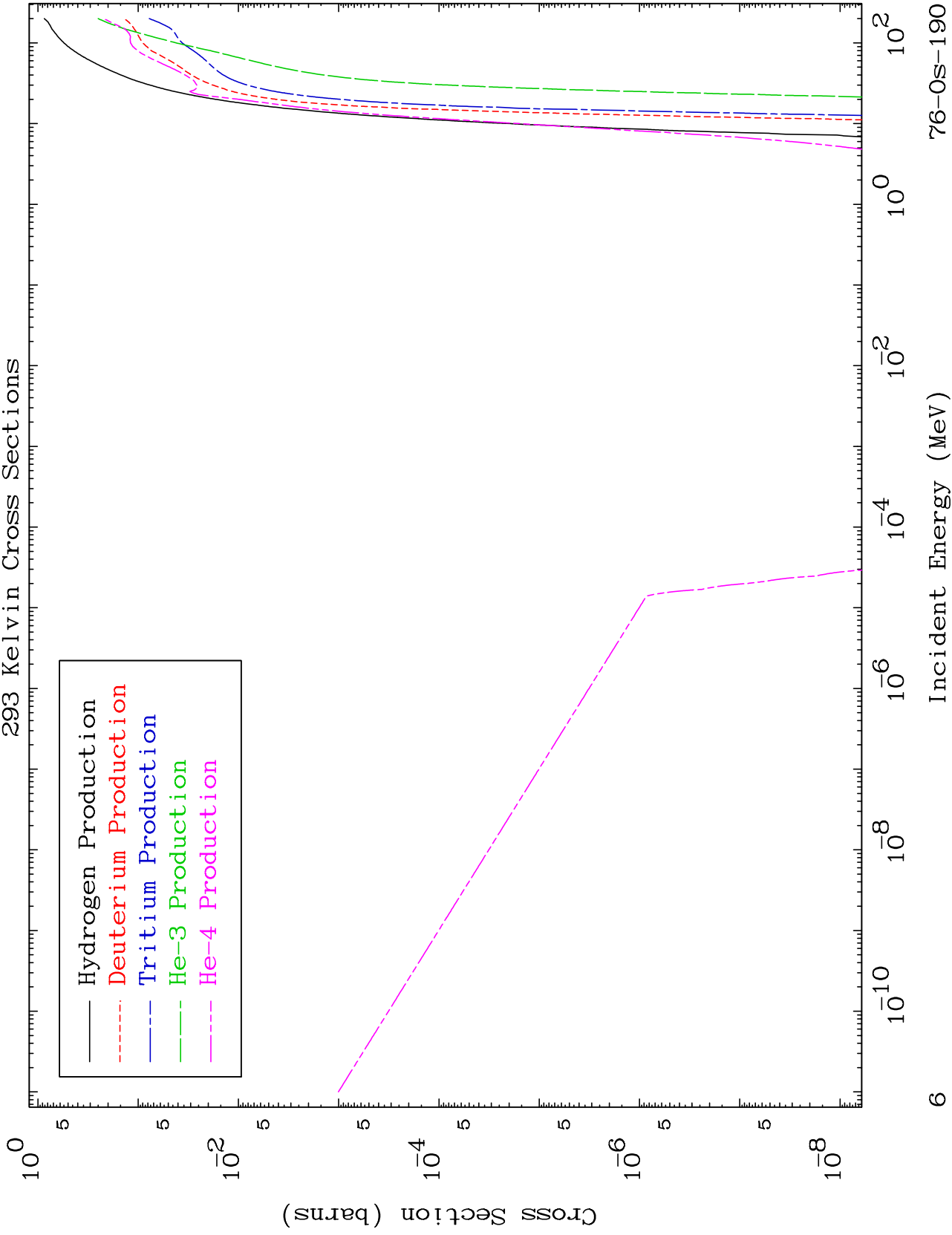
76-Os-190



MAT 7643

Particle Production  
293 Kelvin Cross Sections

76-Os-190

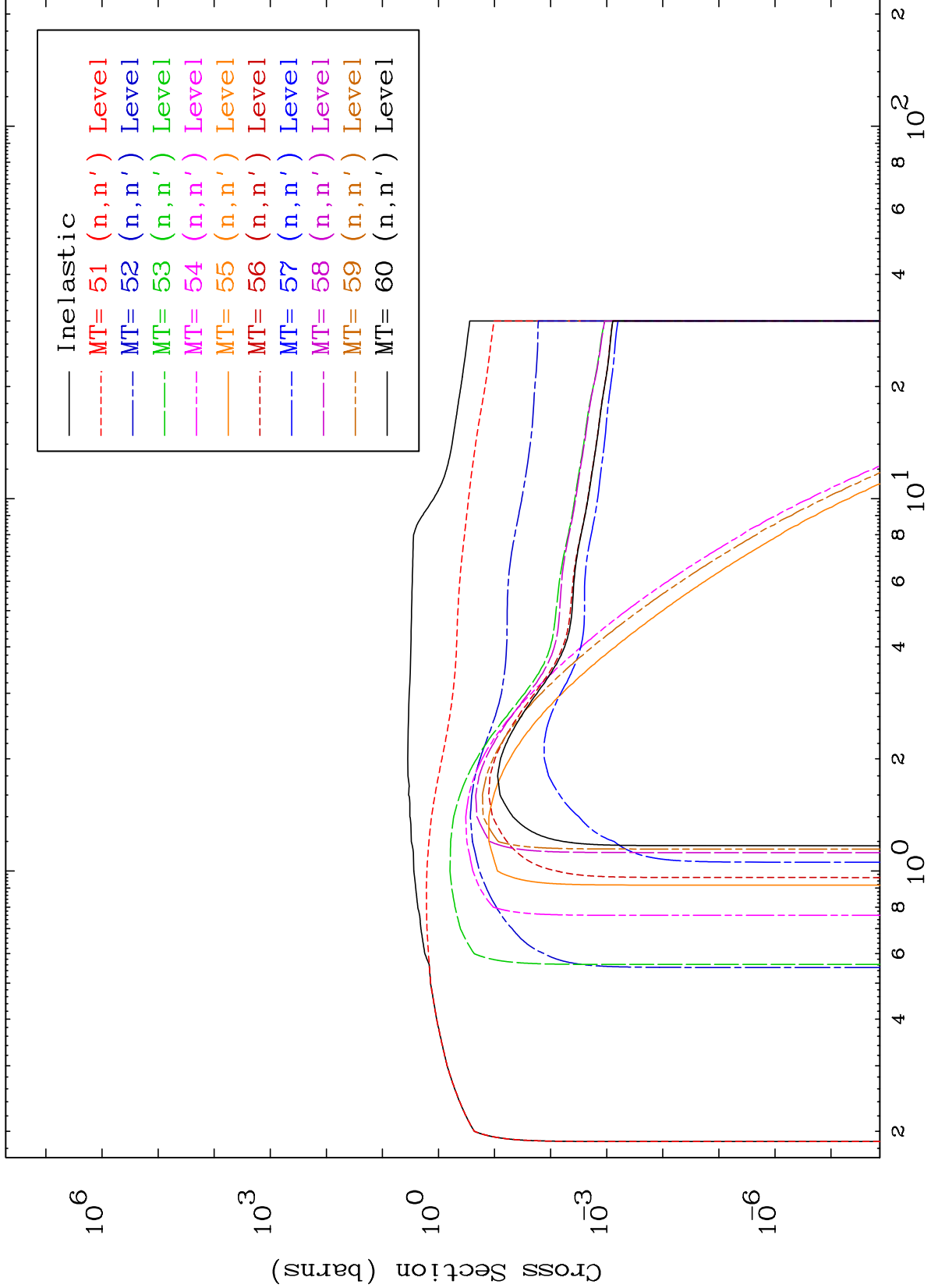


MAT 7643

(n,n') Level

76-Os-190

293 Kelvin Cross Sections



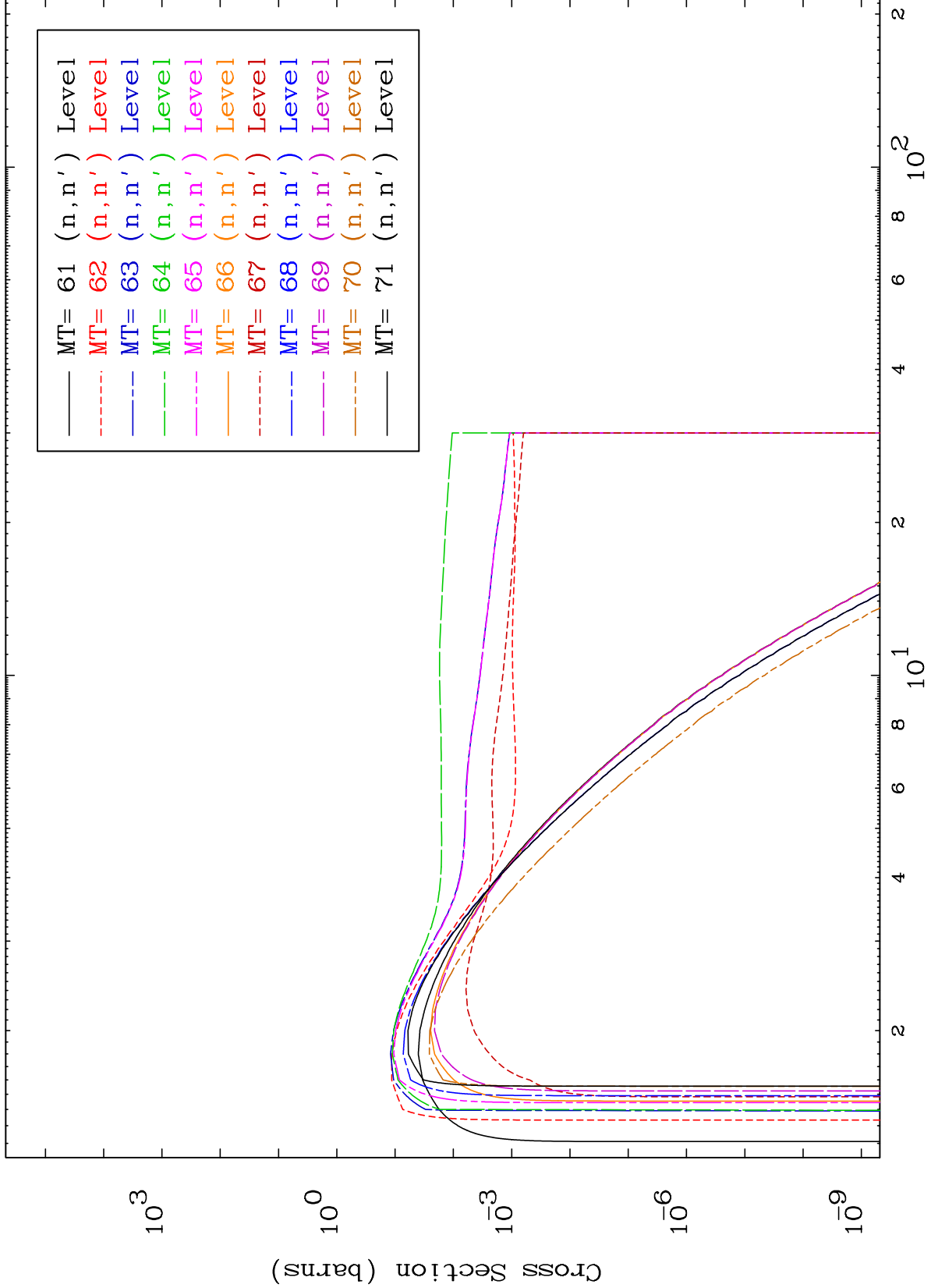


MAT 7643

(n,n') Level

76-Os-190

293 Kelvin Cross Sections



8

Incident Energy (MeV)

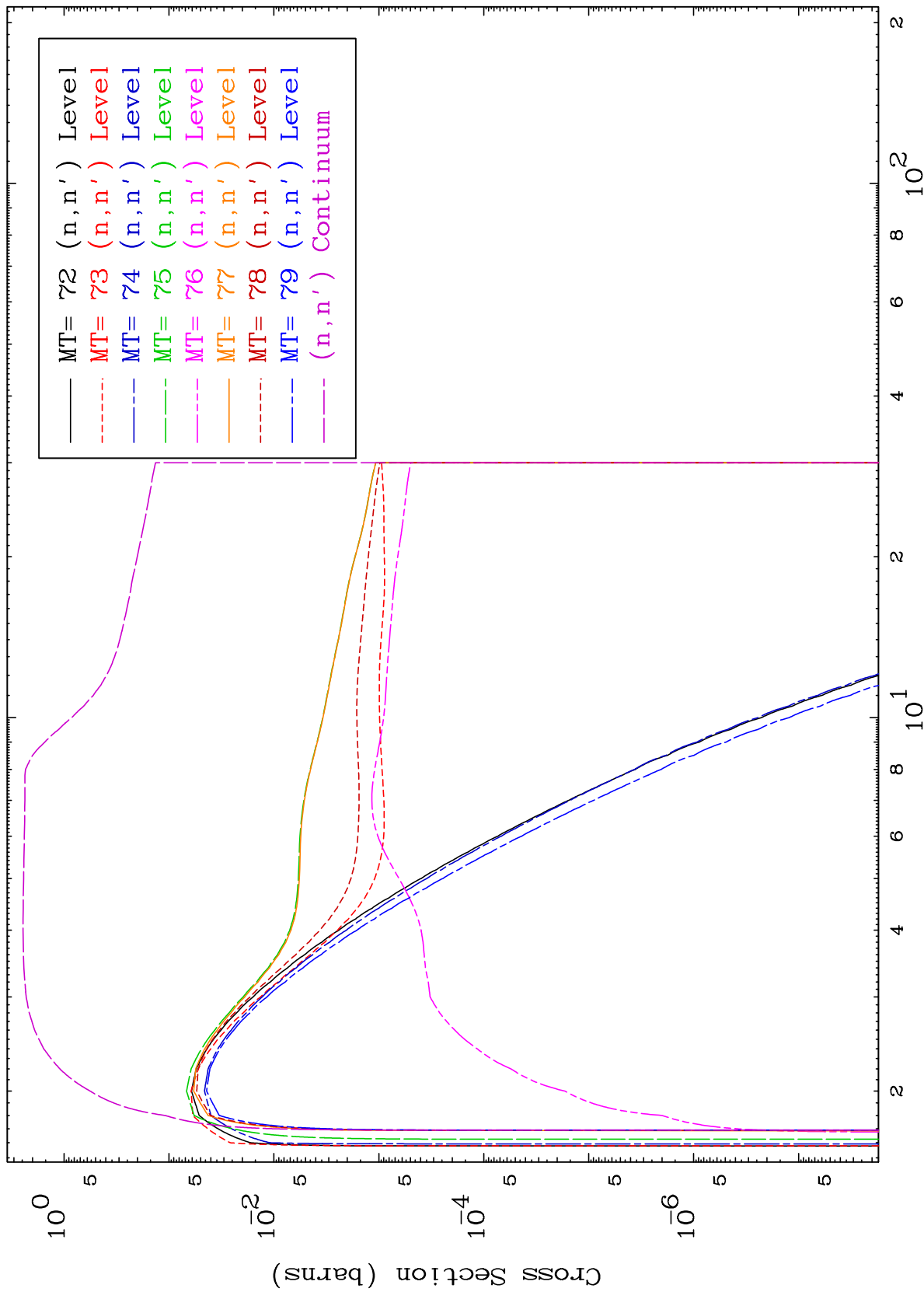
76-Os-190

MAT 7643

(n,n') Level

76-Os-190

293 Kelvin Cross Sections



9

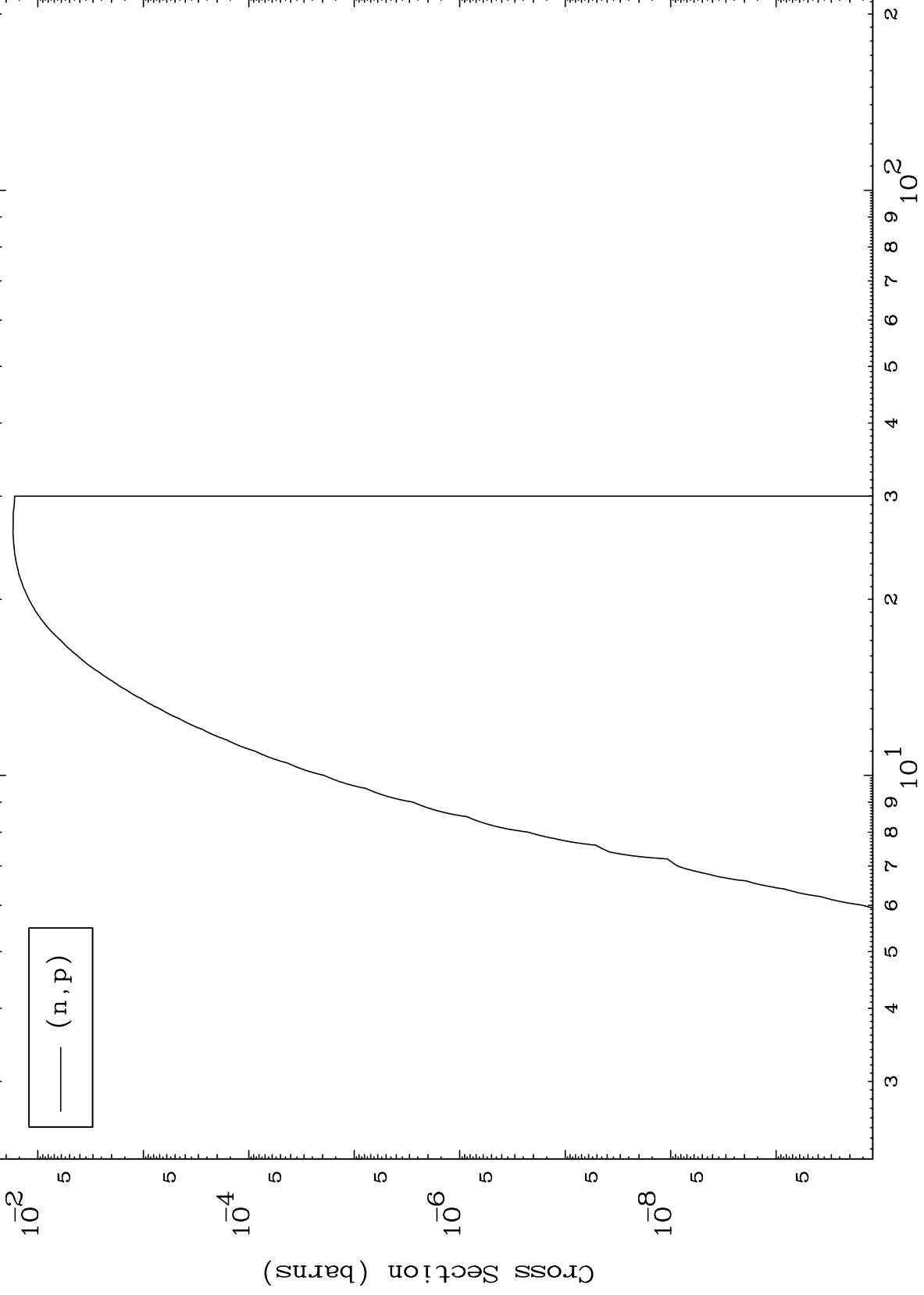
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,p) Levels  
293 Kelvin Cross Sections

76-Os-190



10

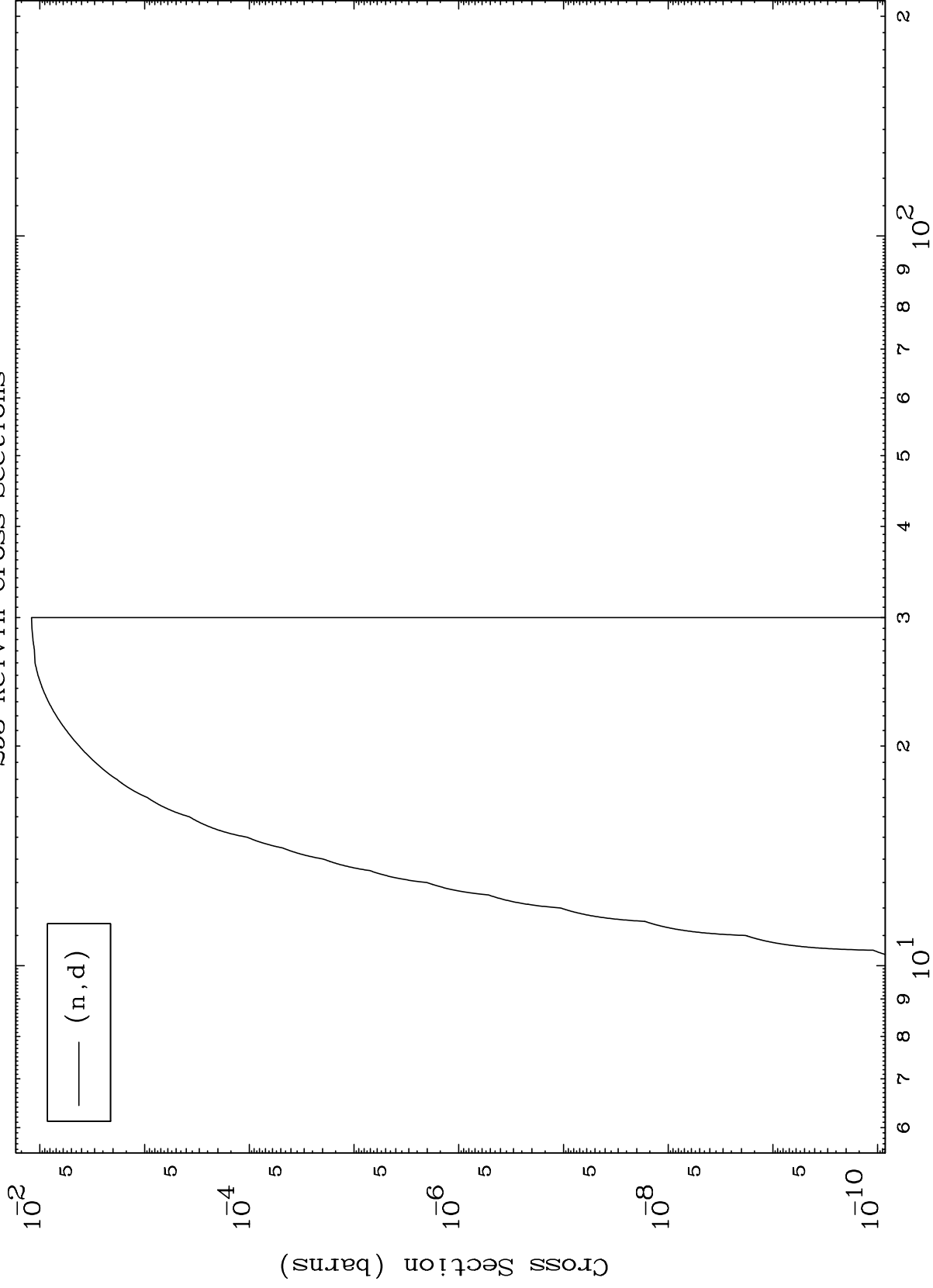
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-190



11

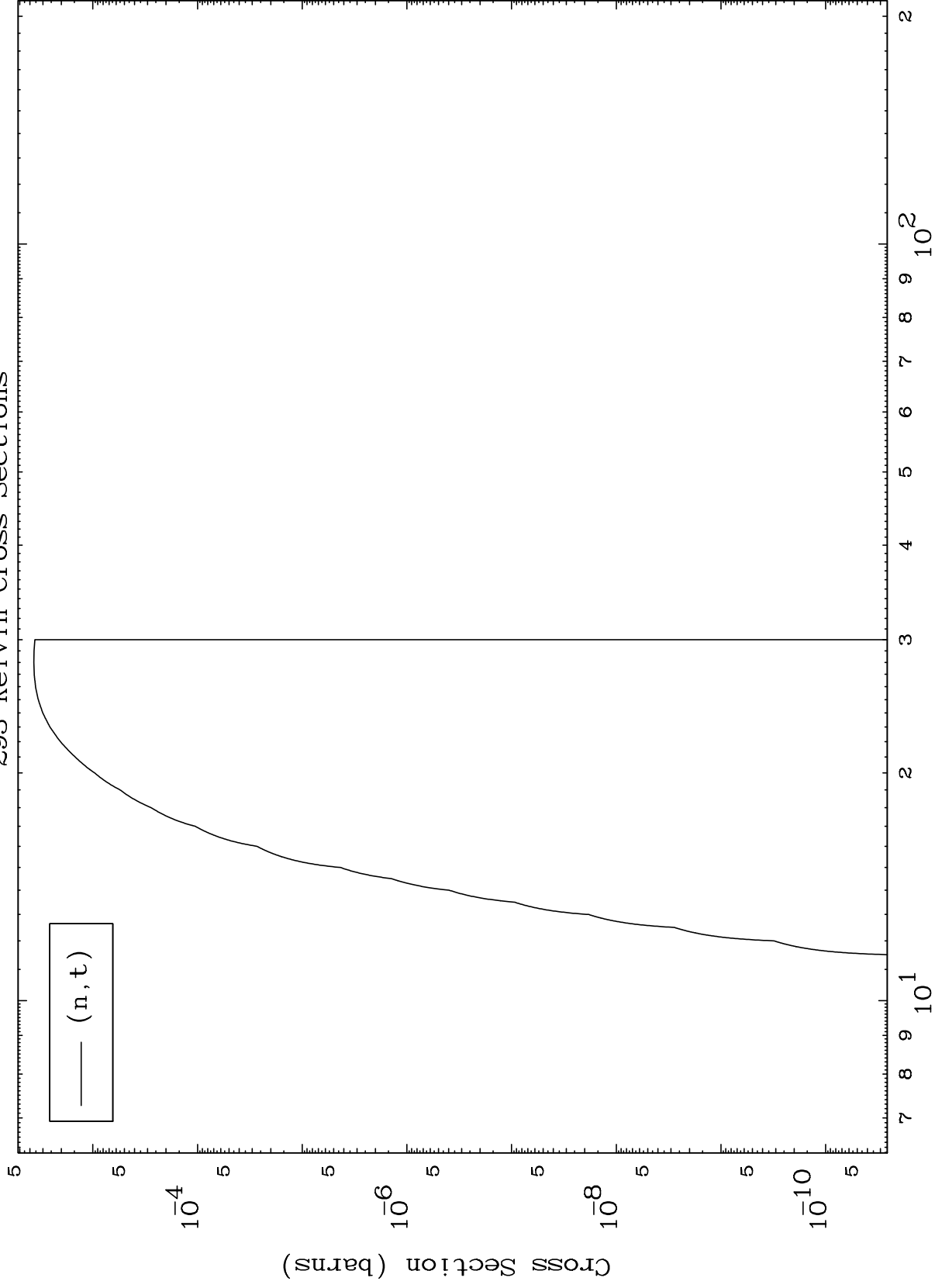
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-190



12

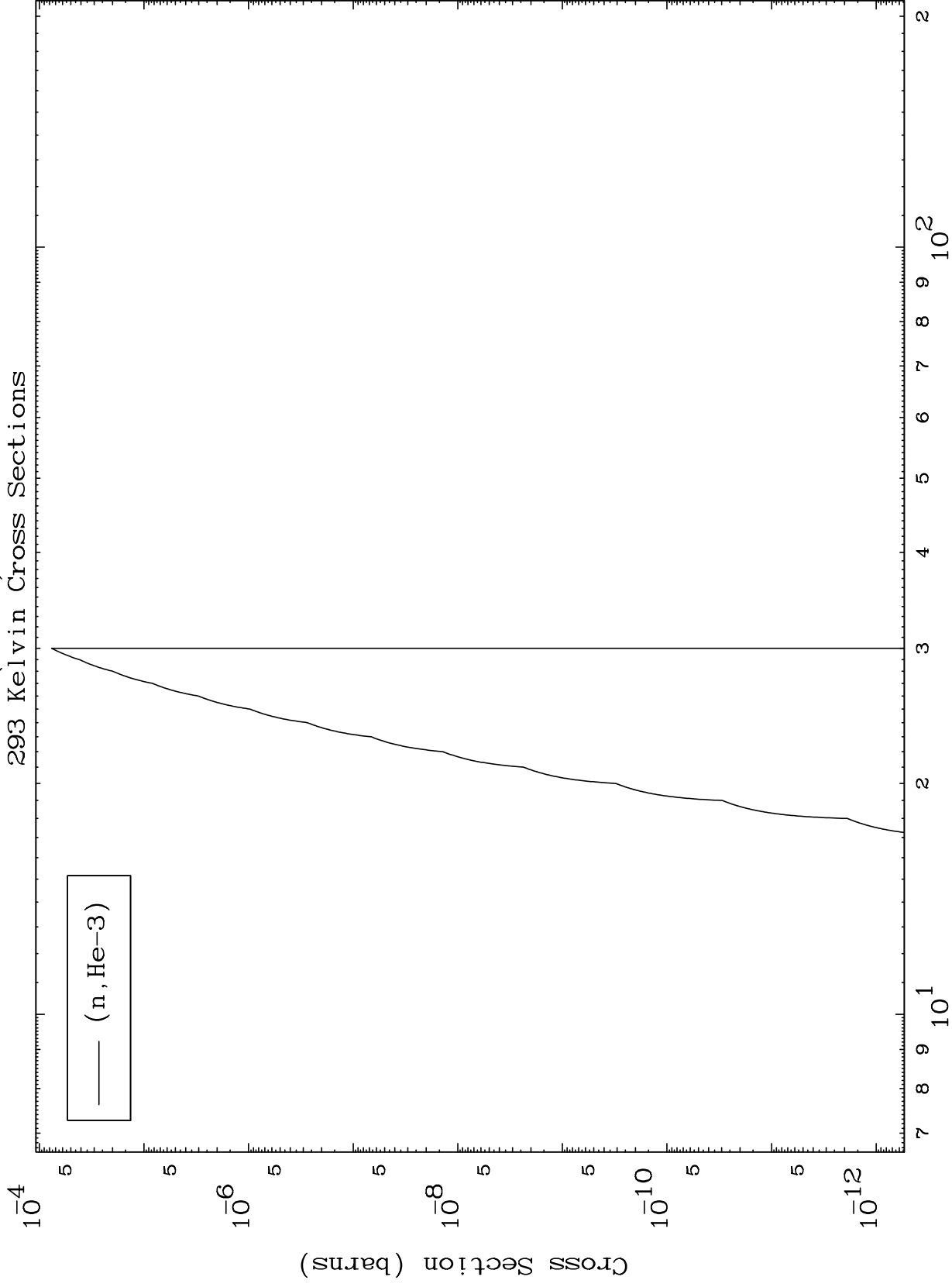
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,He3) Levels  
293 Kelvin Cross Sections

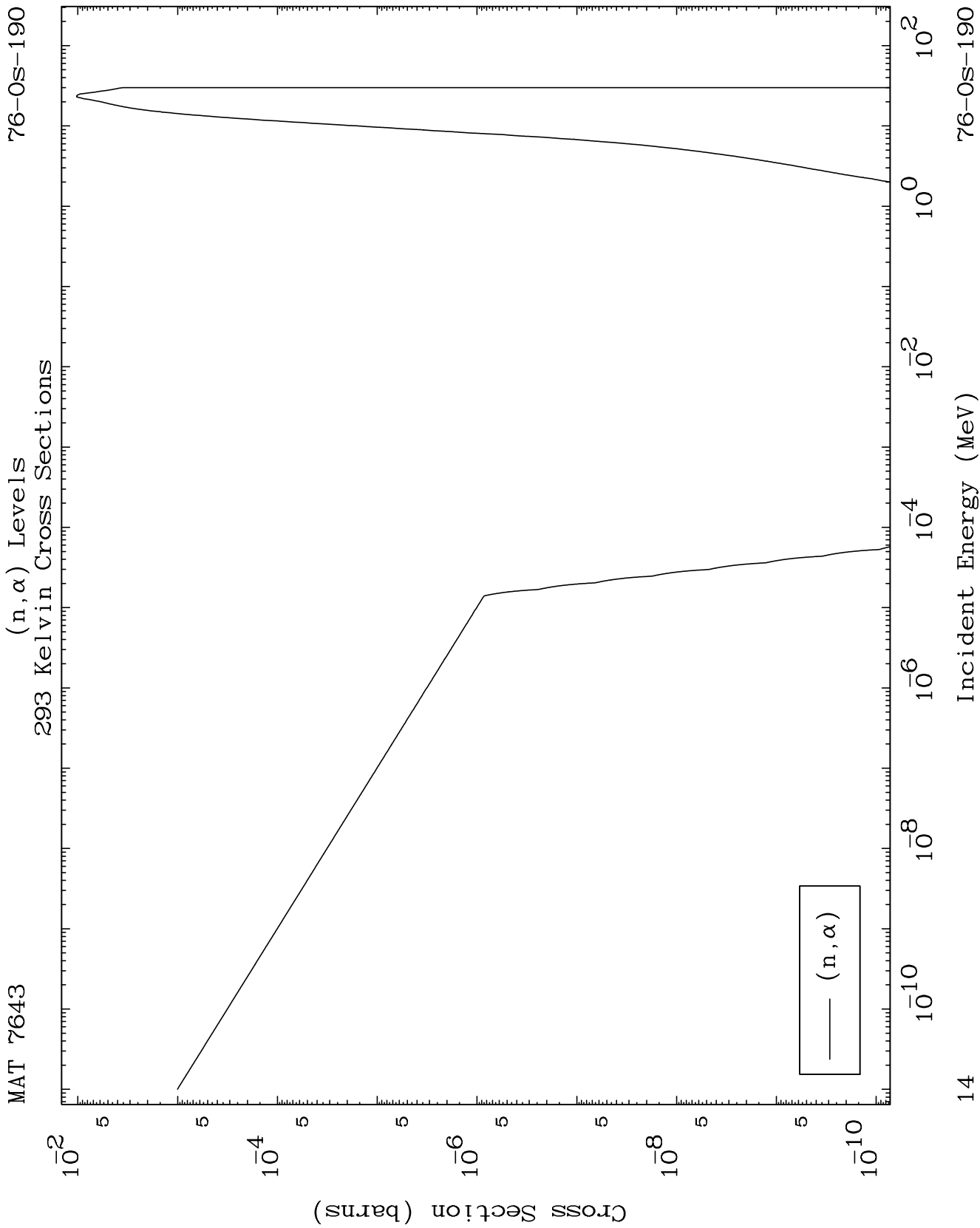
76-Os-190

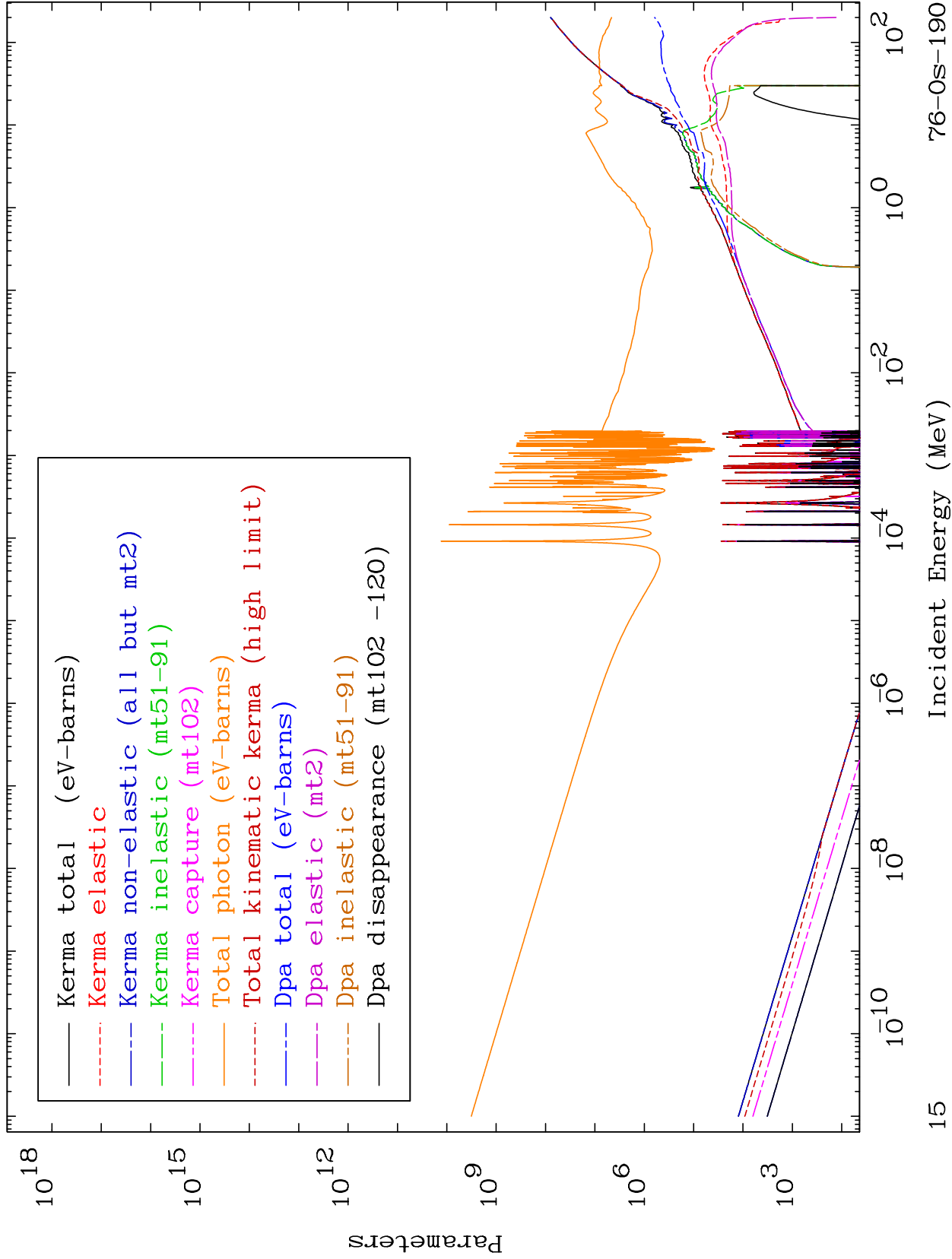


13

Incident Energy (MeV)

76-Os-190



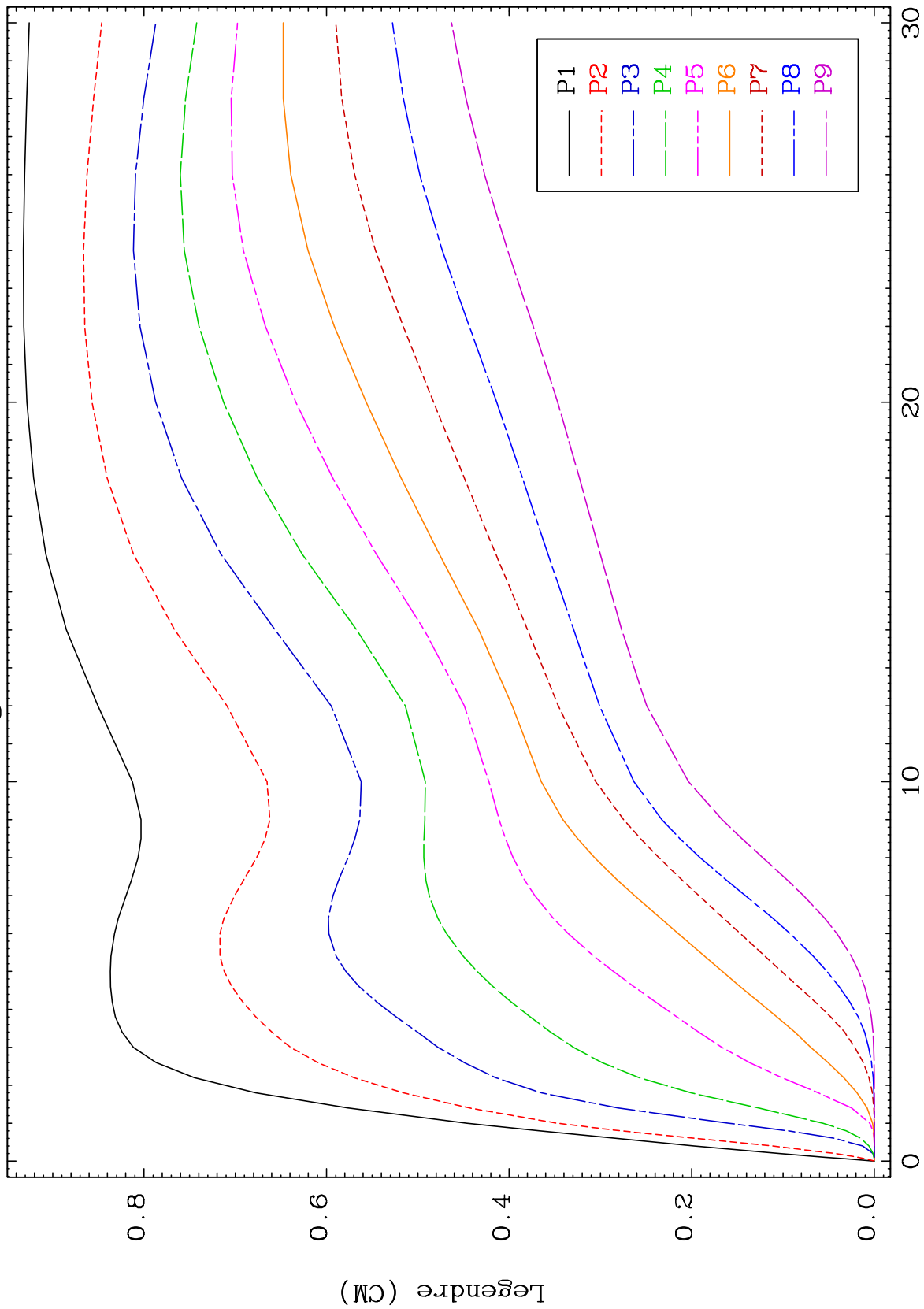




MAT 7643

Elastic Legendre Coefficients

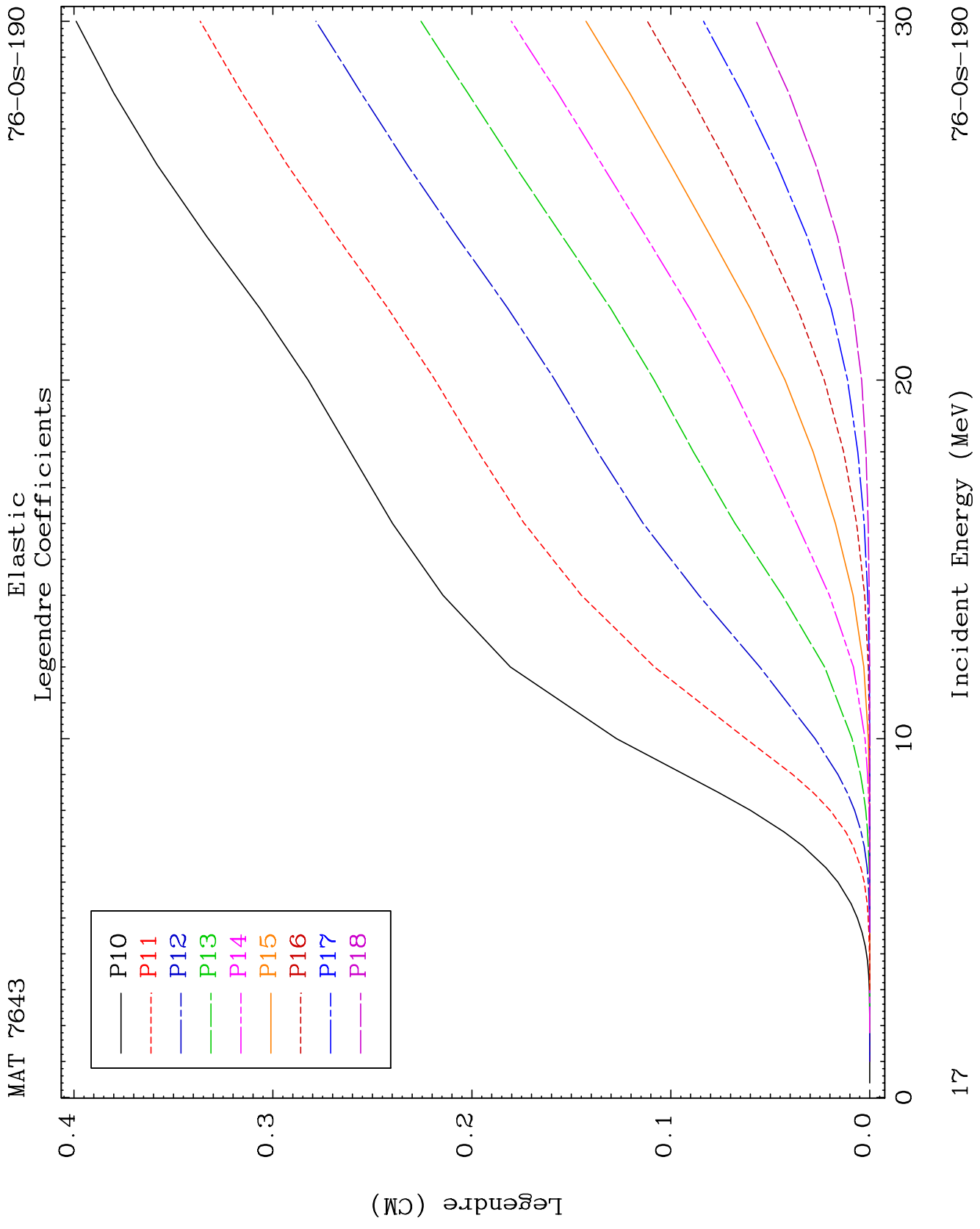
76-Os-190



16

Incident Energy (MeV)

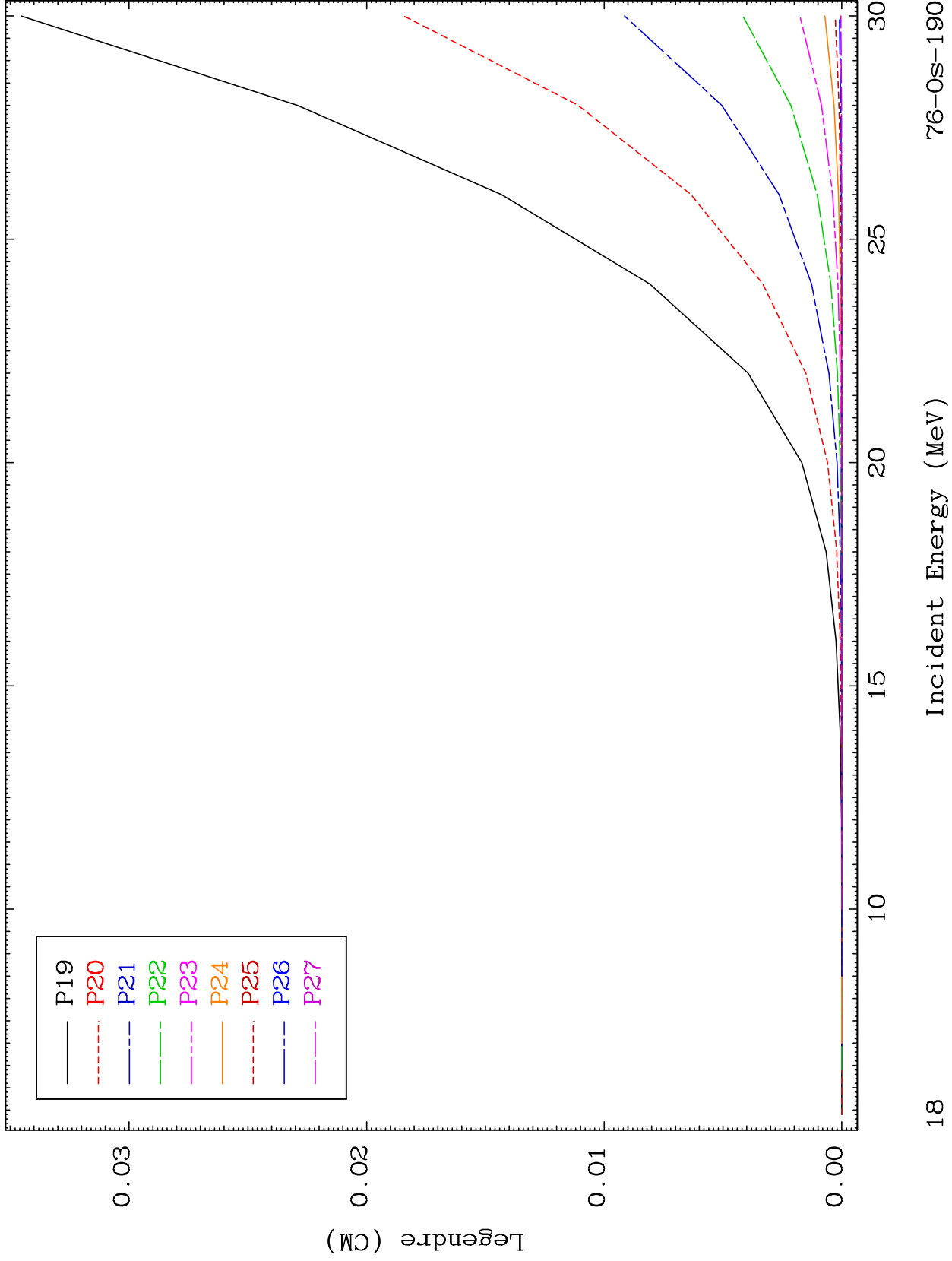
76-Os-190



MAT 7643

Elastic Legendre Coefficients

76-0s-190



18

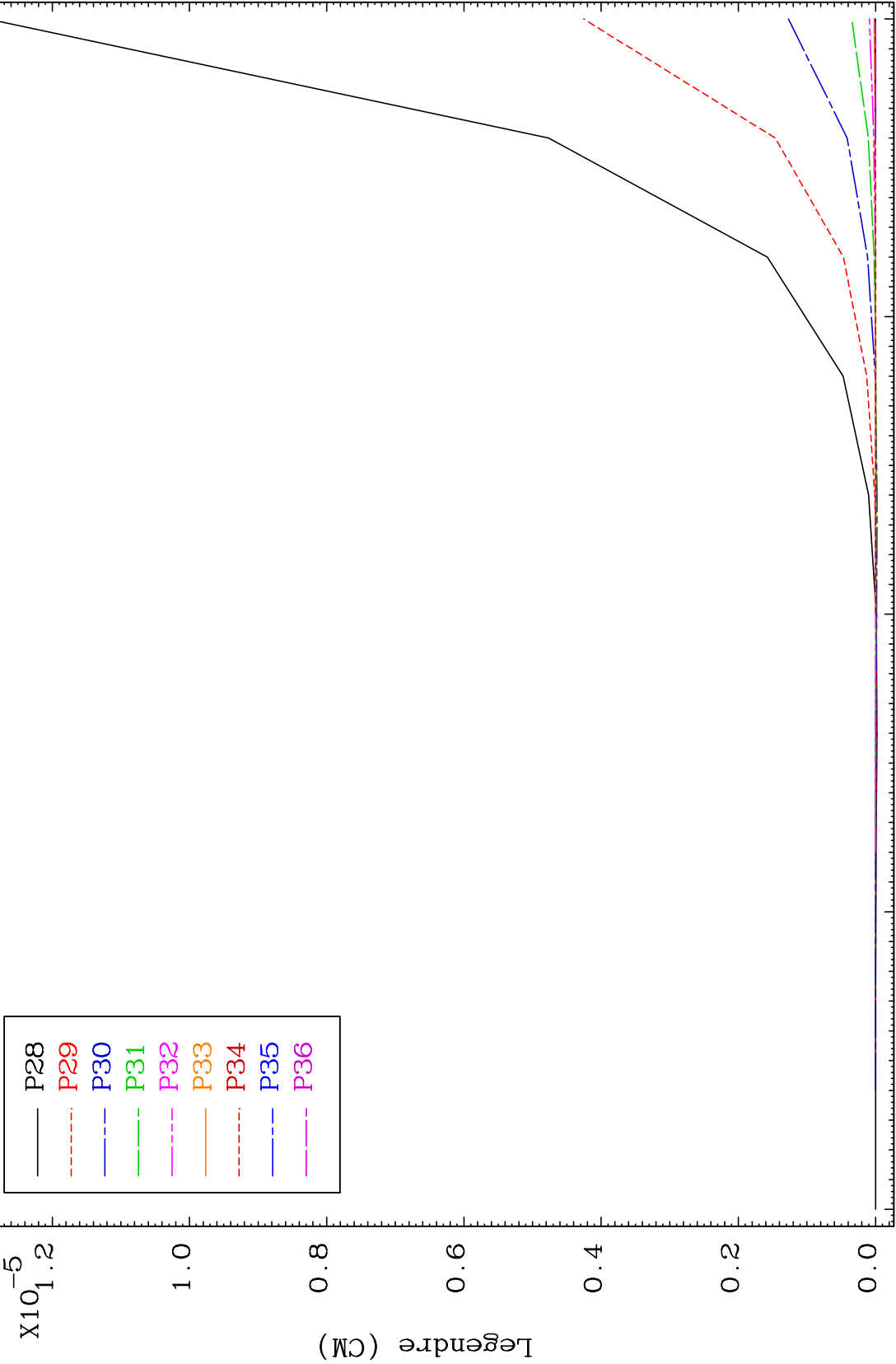
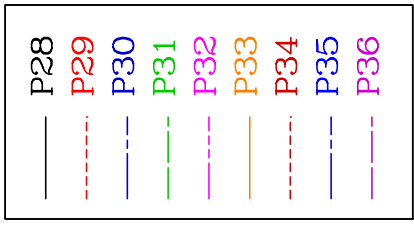
Incident Energy (MeV)

76-0s-190

MAT 7643

Elastic Legendre Coefficients

76-0s-190



76-0s-190

Incident Energy (MeV)

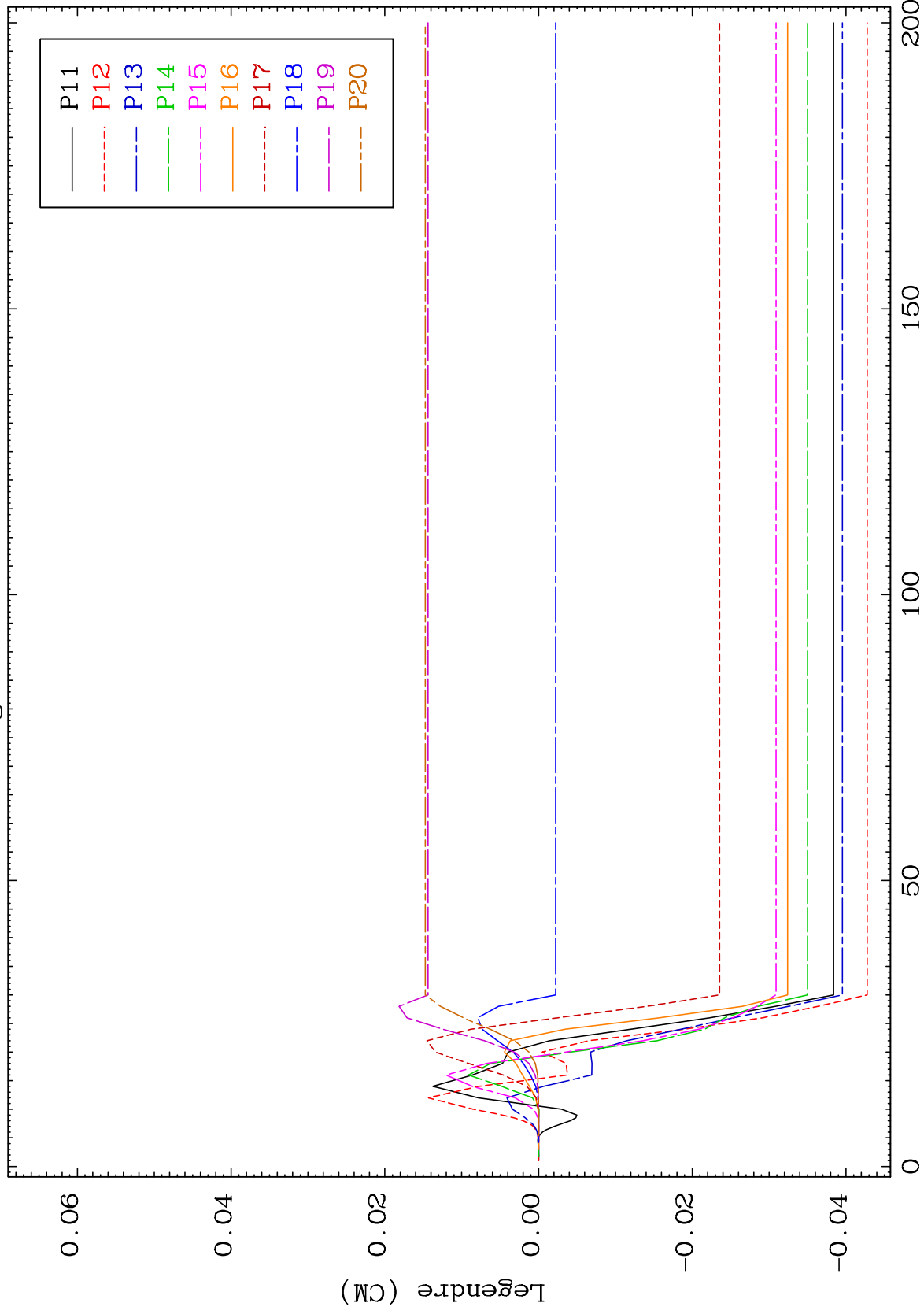
19



MAT 7643

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

76-Os-190



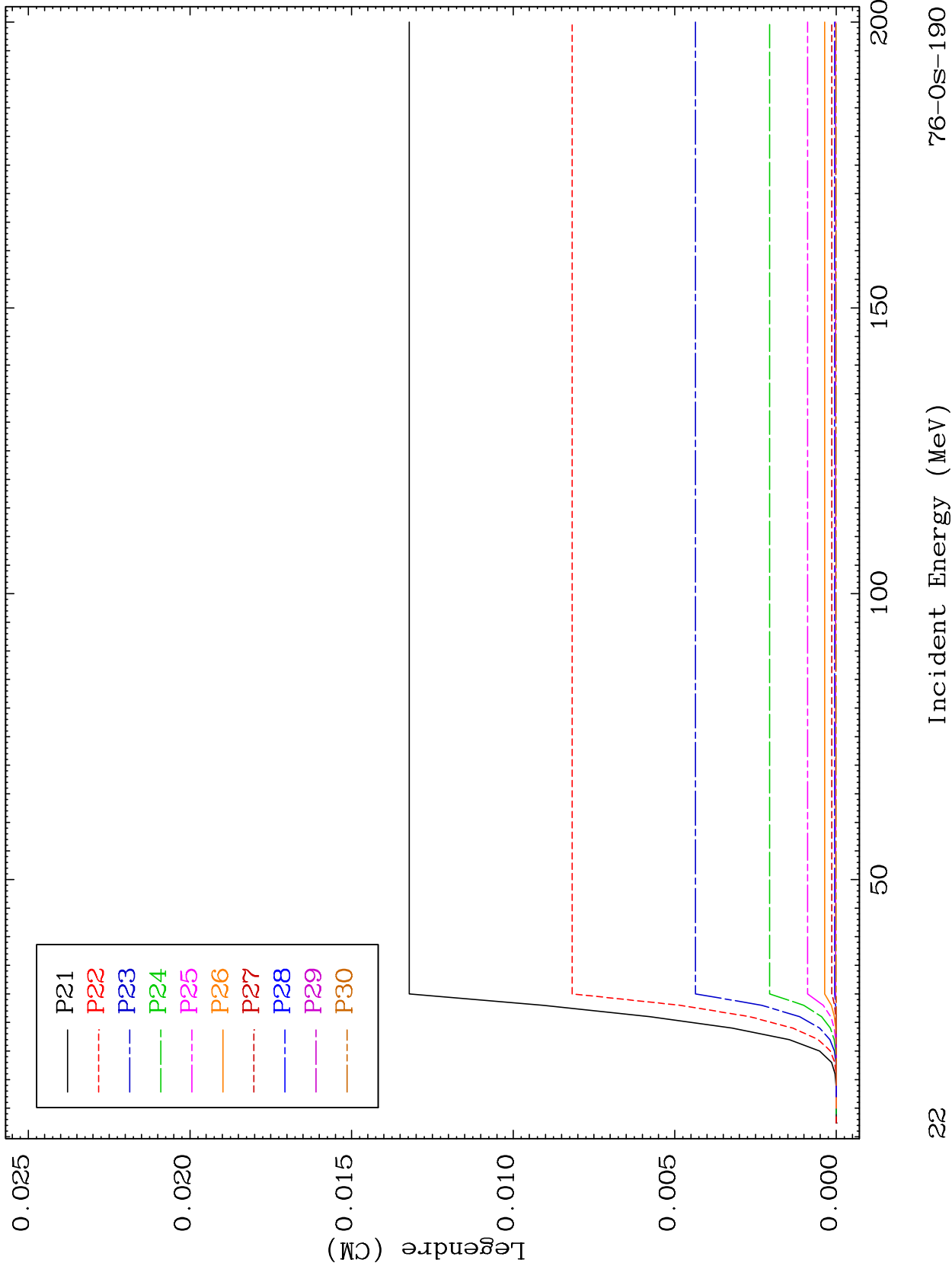
21

76-Os-190

MAT 7643

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

76-0s-190



22

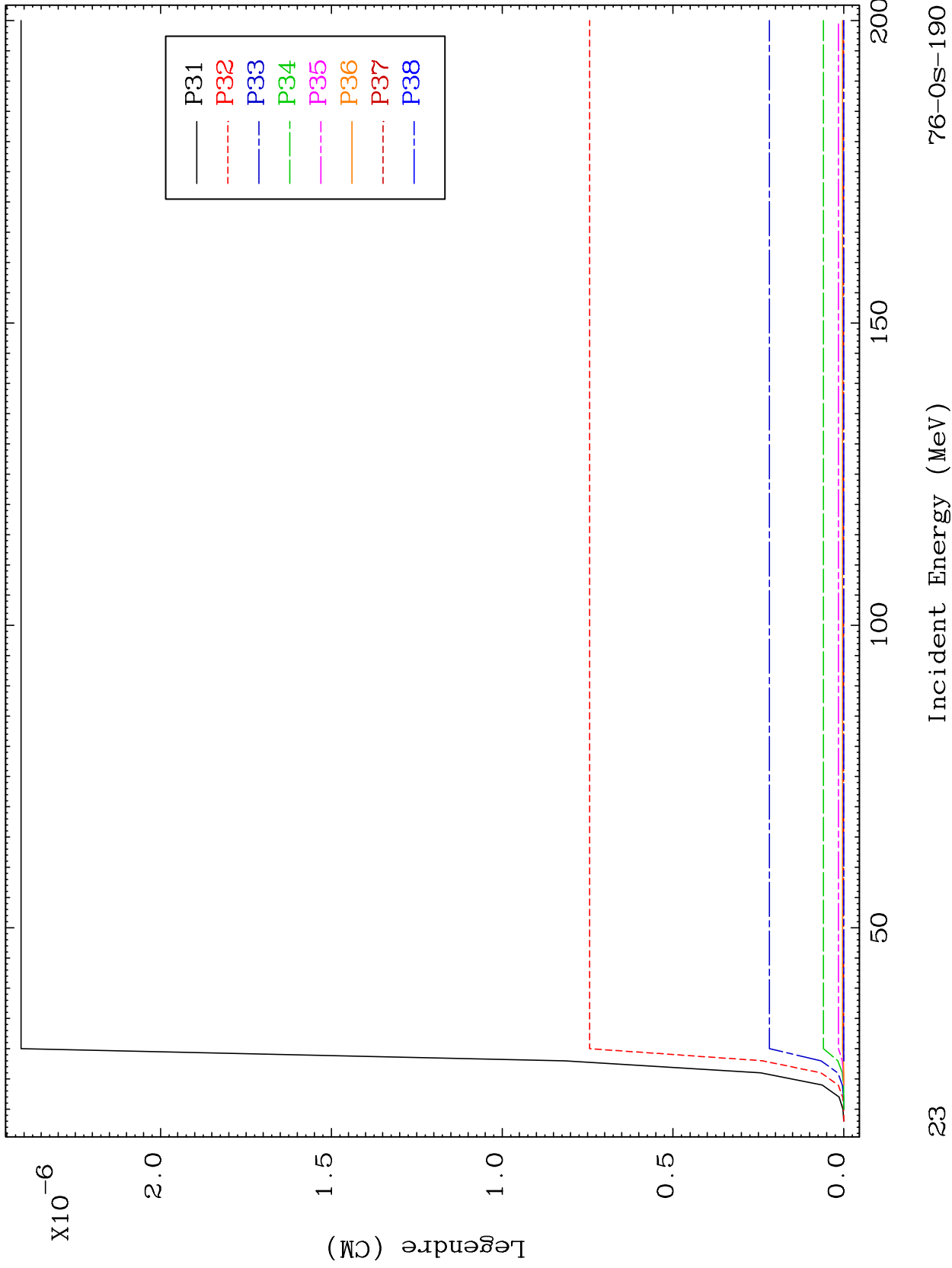
Incident Energy (MeV)

76-0s-190

MAT 7643

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

76-Os-190



23

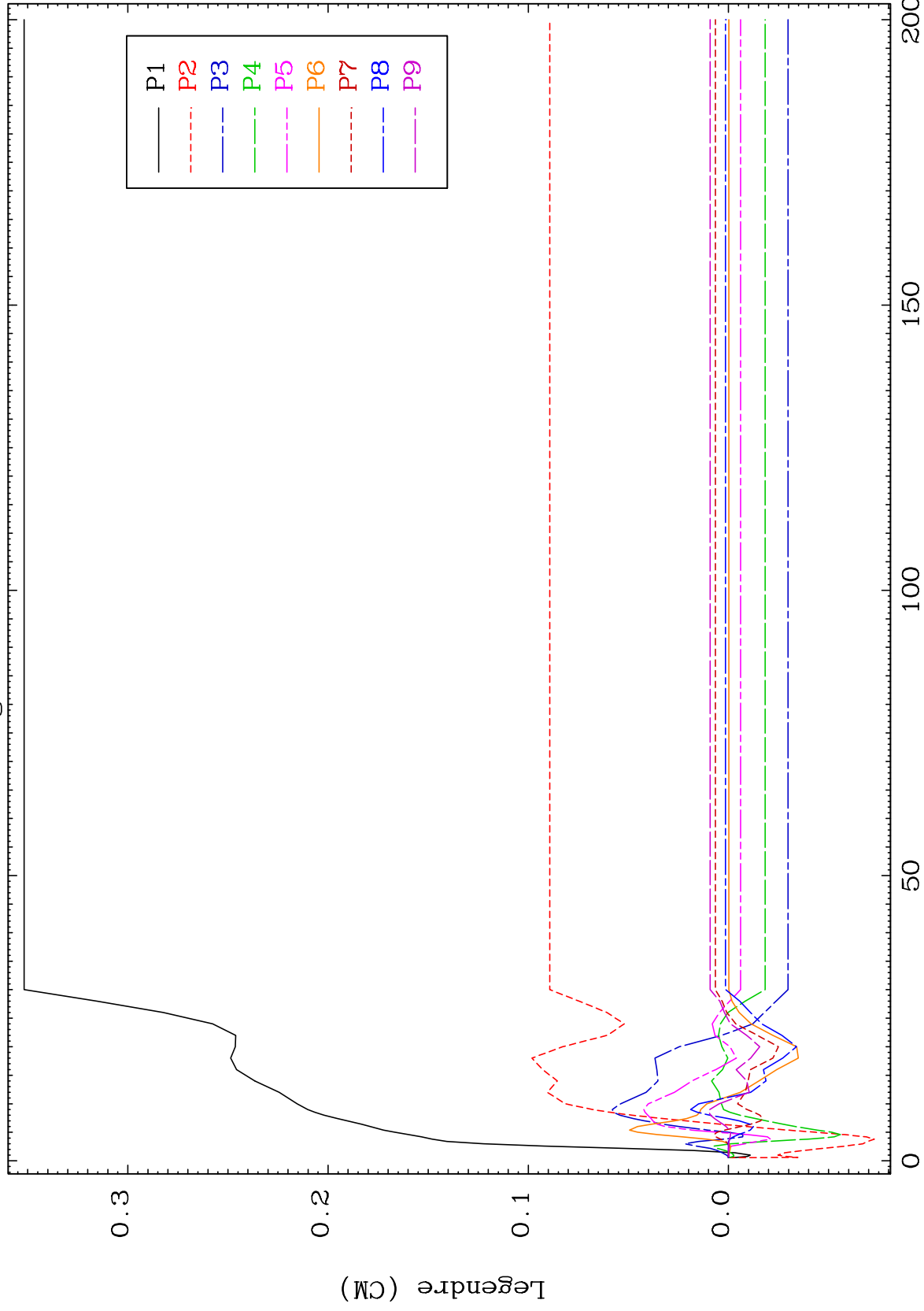
76-Os-190



MAT 7643

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

76-Os-190



24

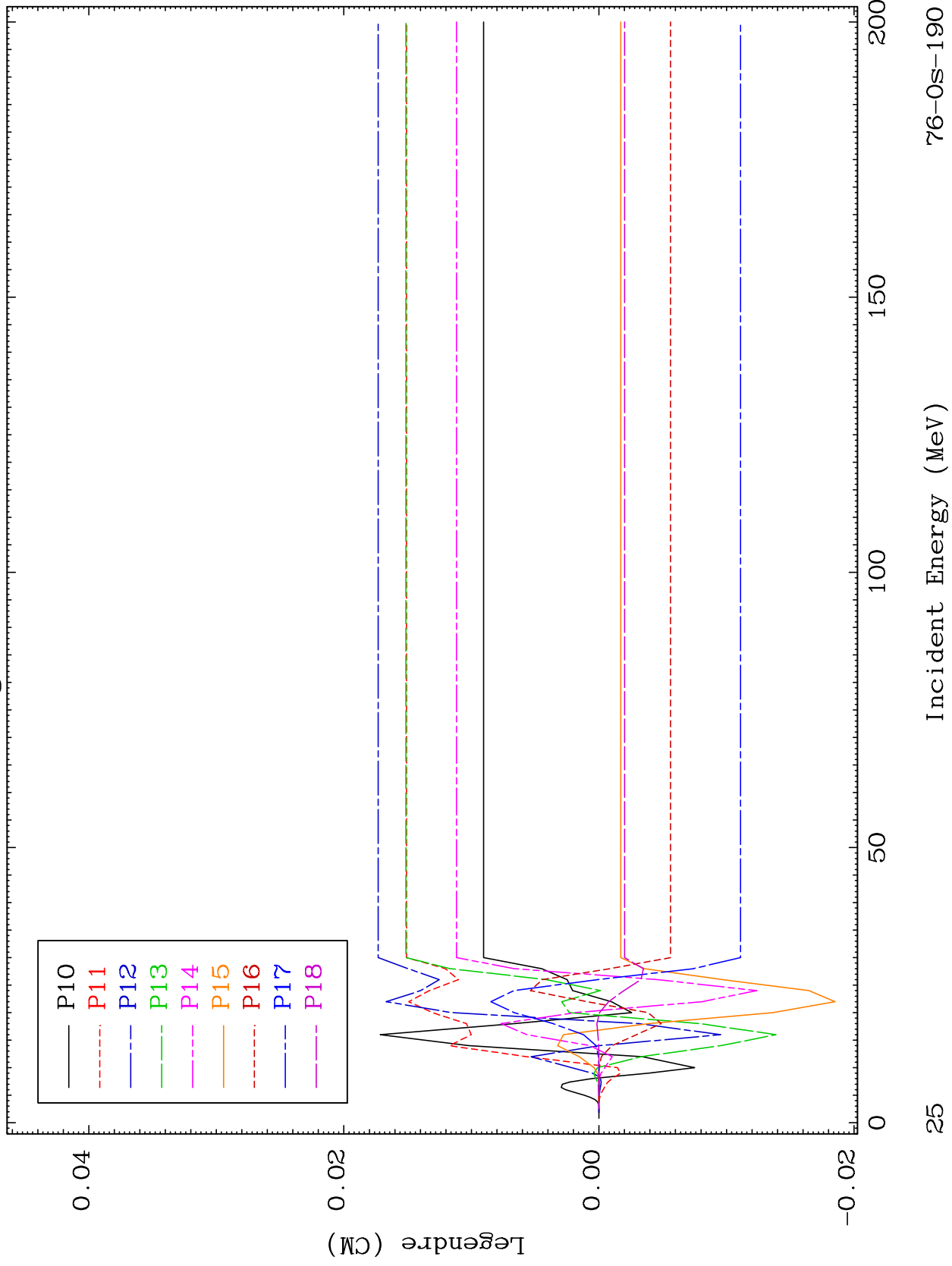
Incident Energy (MeV)

76-Os-190

MAT 7643

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

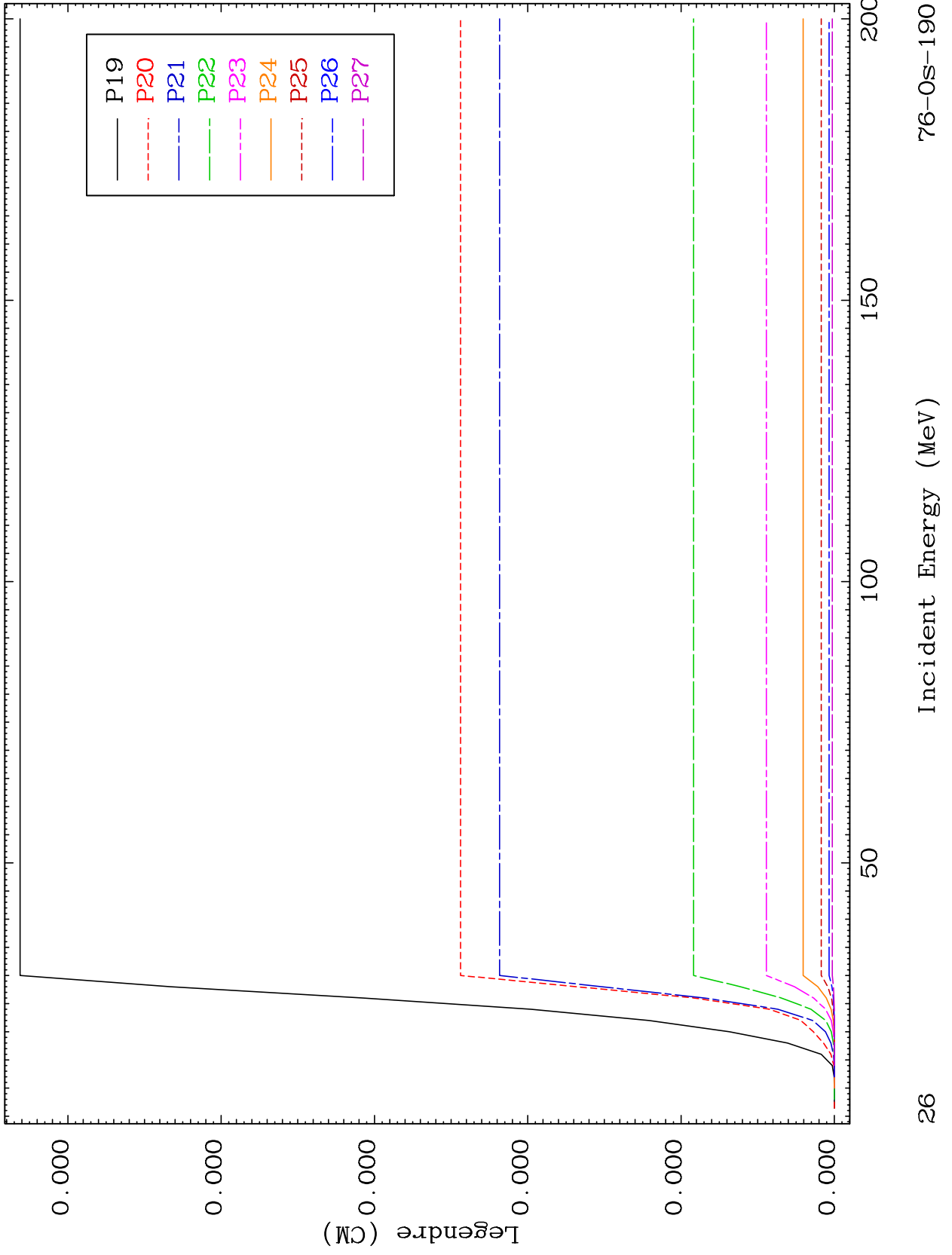
76-0s-190



MAT 7643

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

76-Os-190

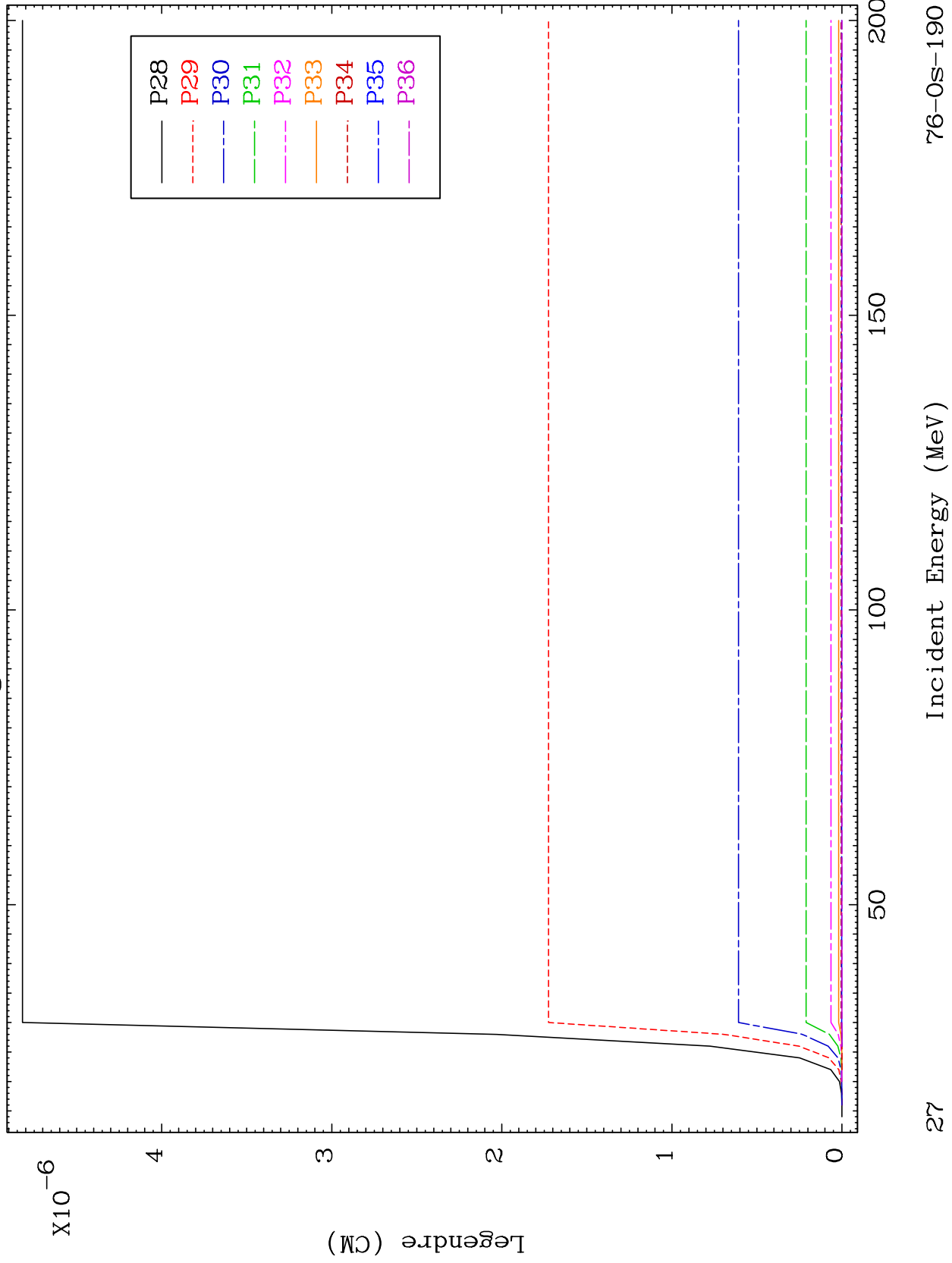


26

MAT 7643

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

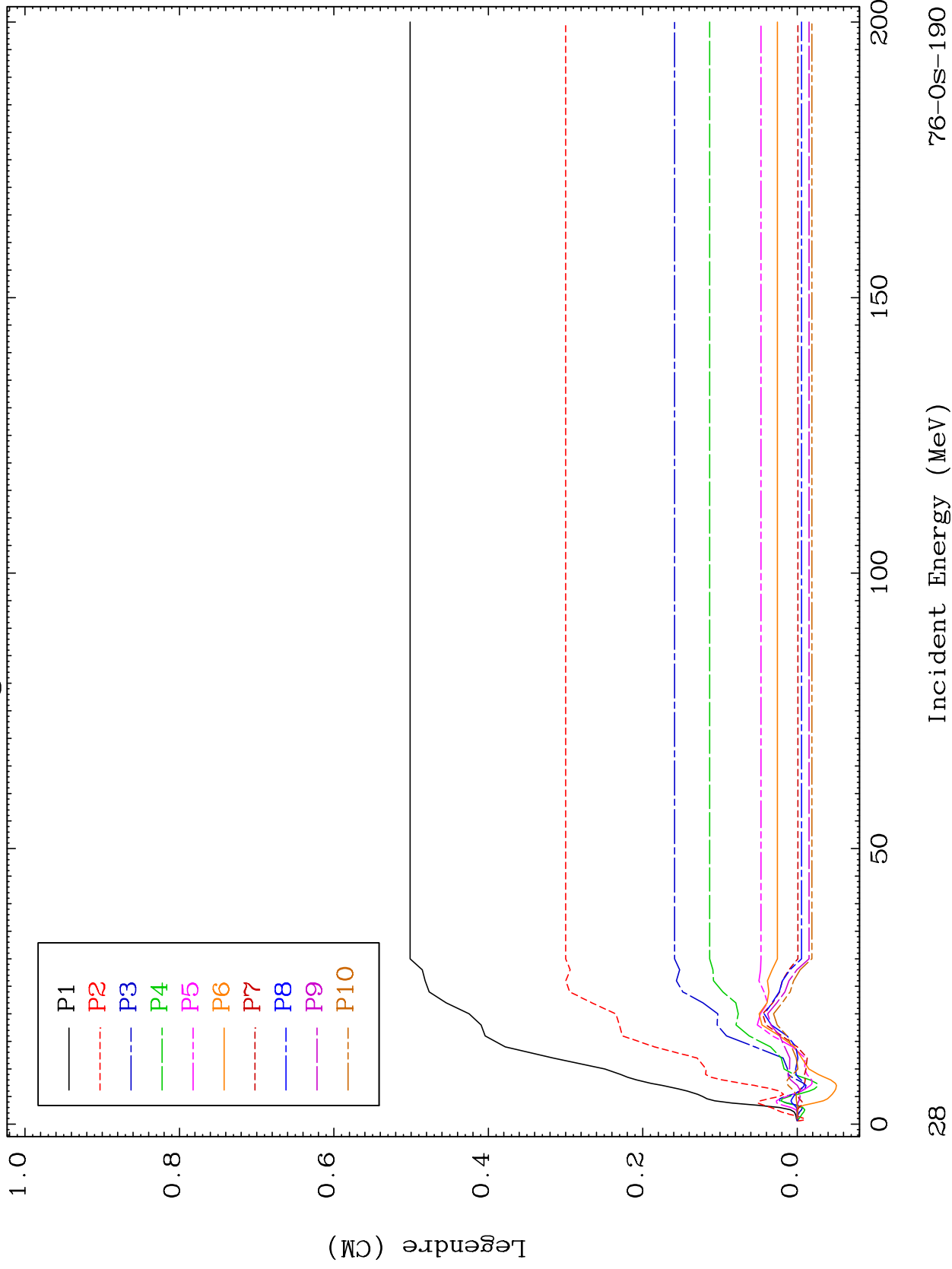
76-Os-190



MAT 7643

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

76-0s-190

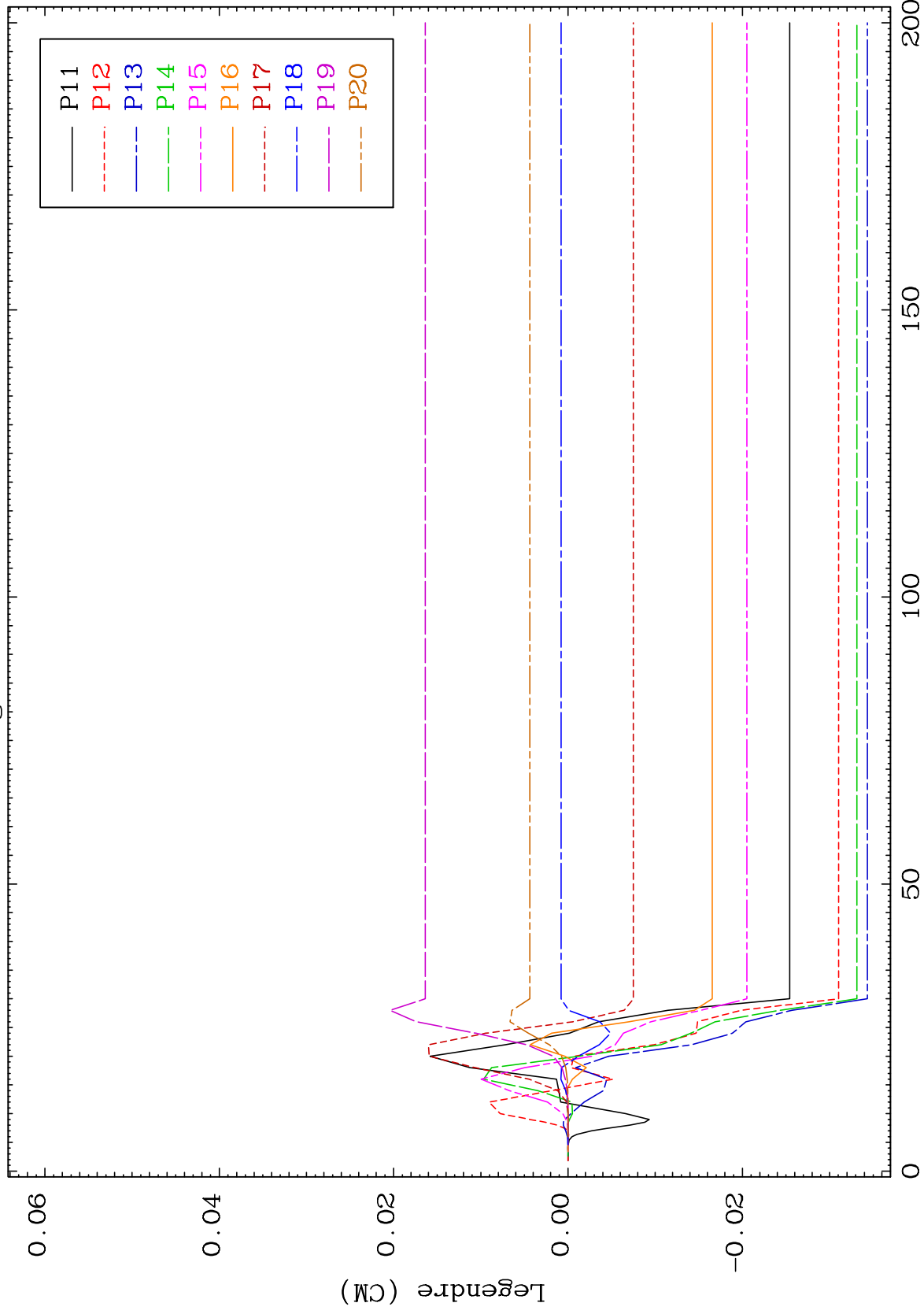


28

MAT 7643

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

76-Os-190



29

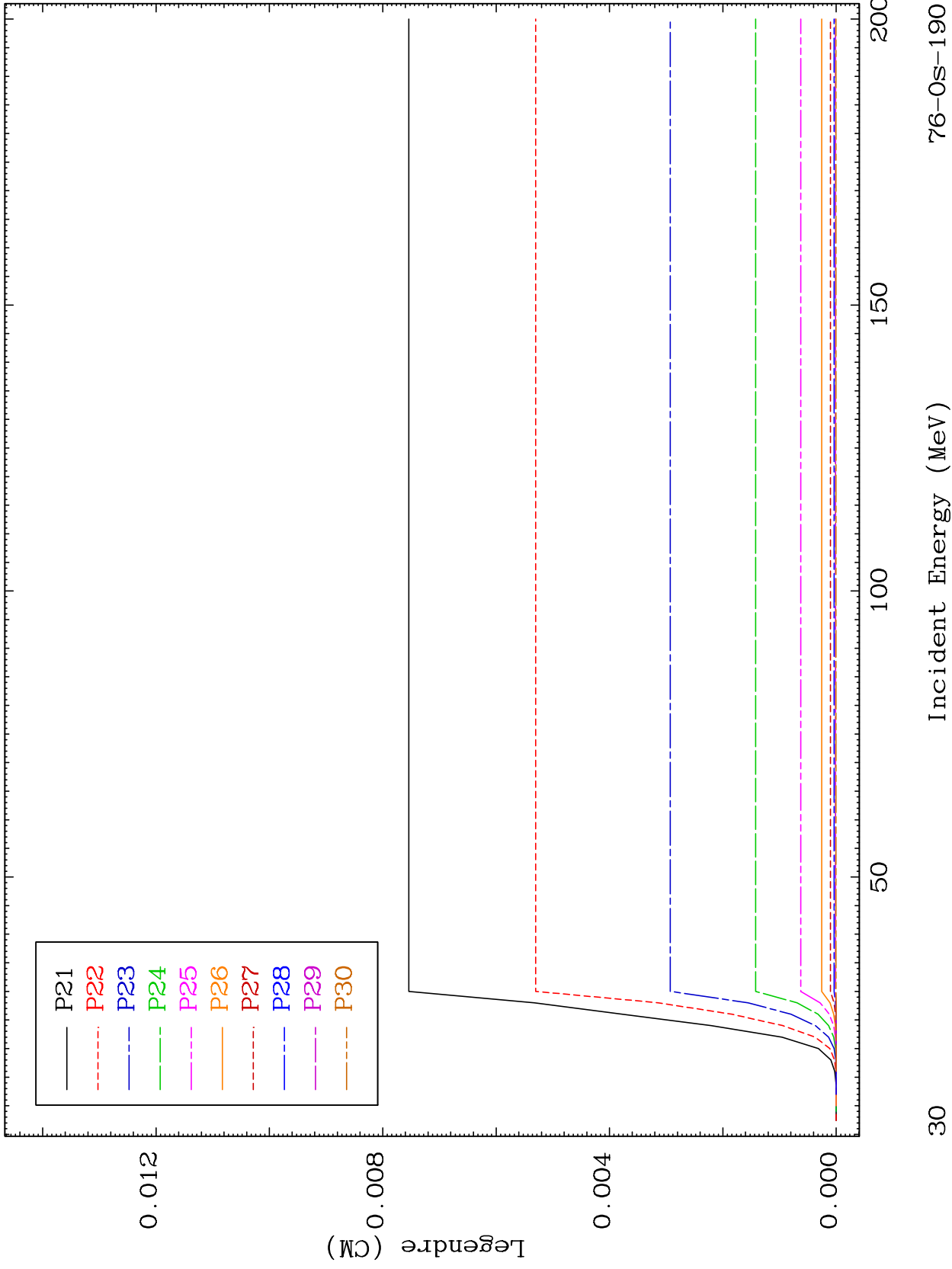
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-0s-190



30

50

100

150

200

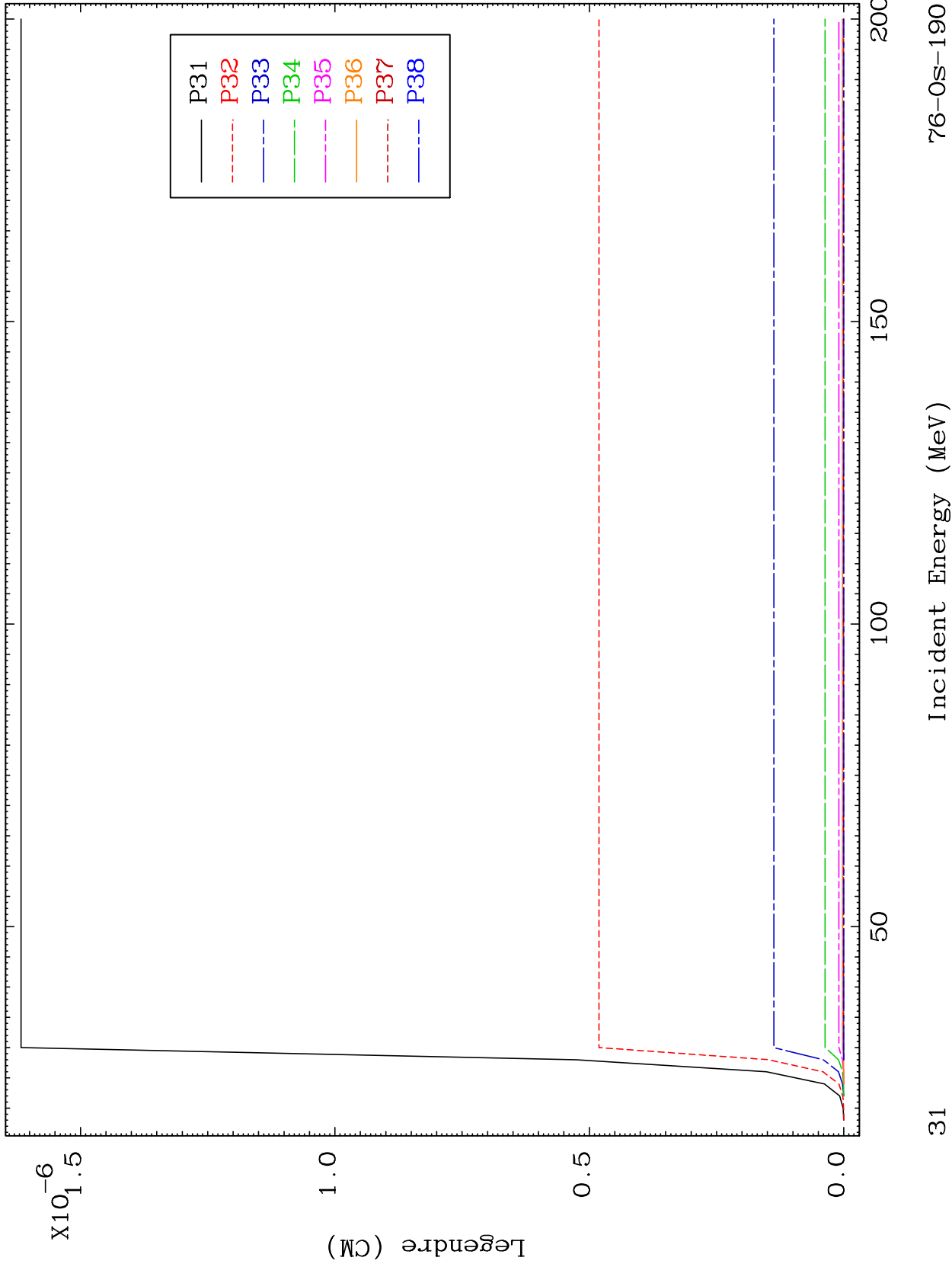
Incident Energy (MeV)

76-0s-190

MAT 7643

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

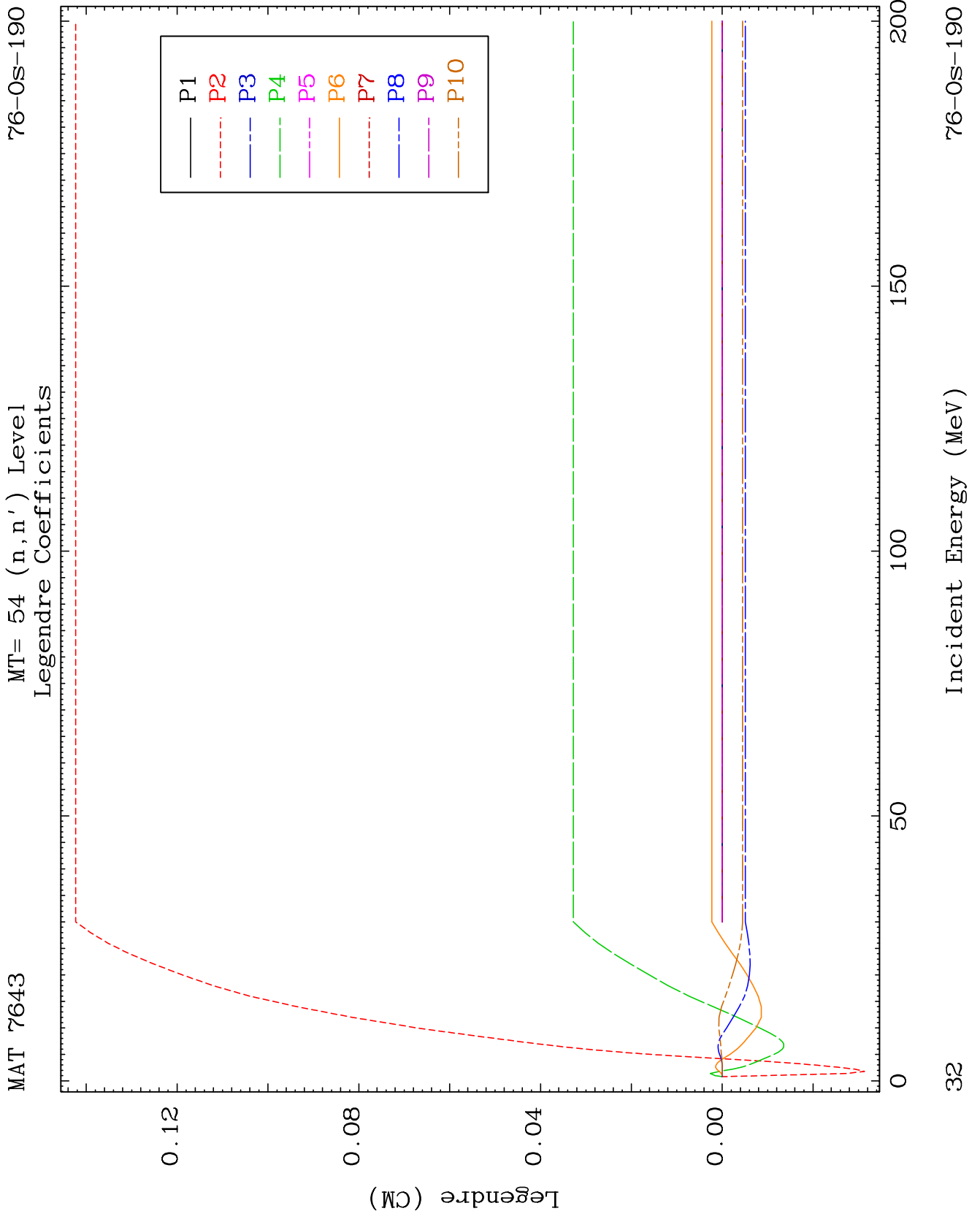
76-Os-190



31

76-Os-190

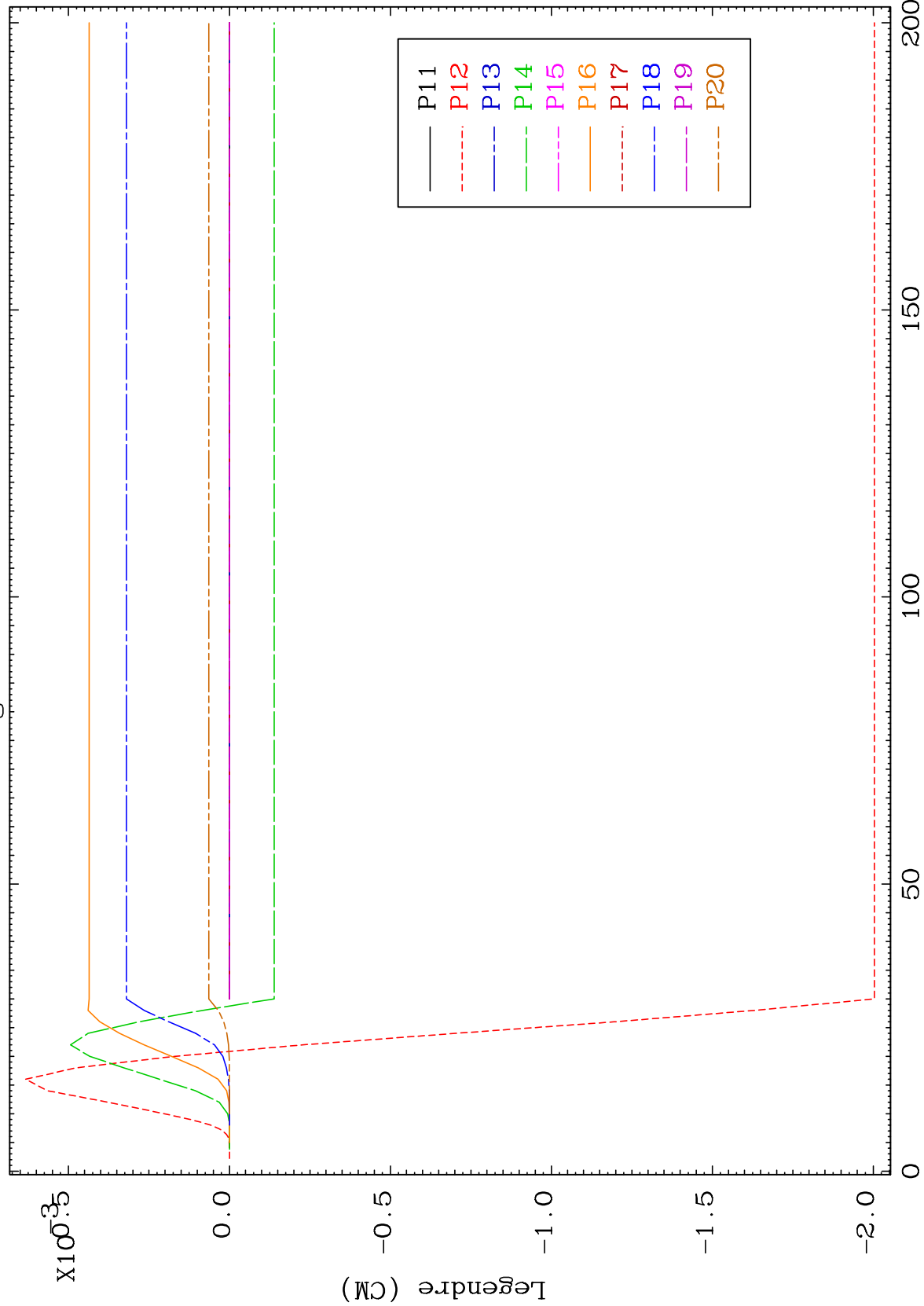




MAT 7643

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

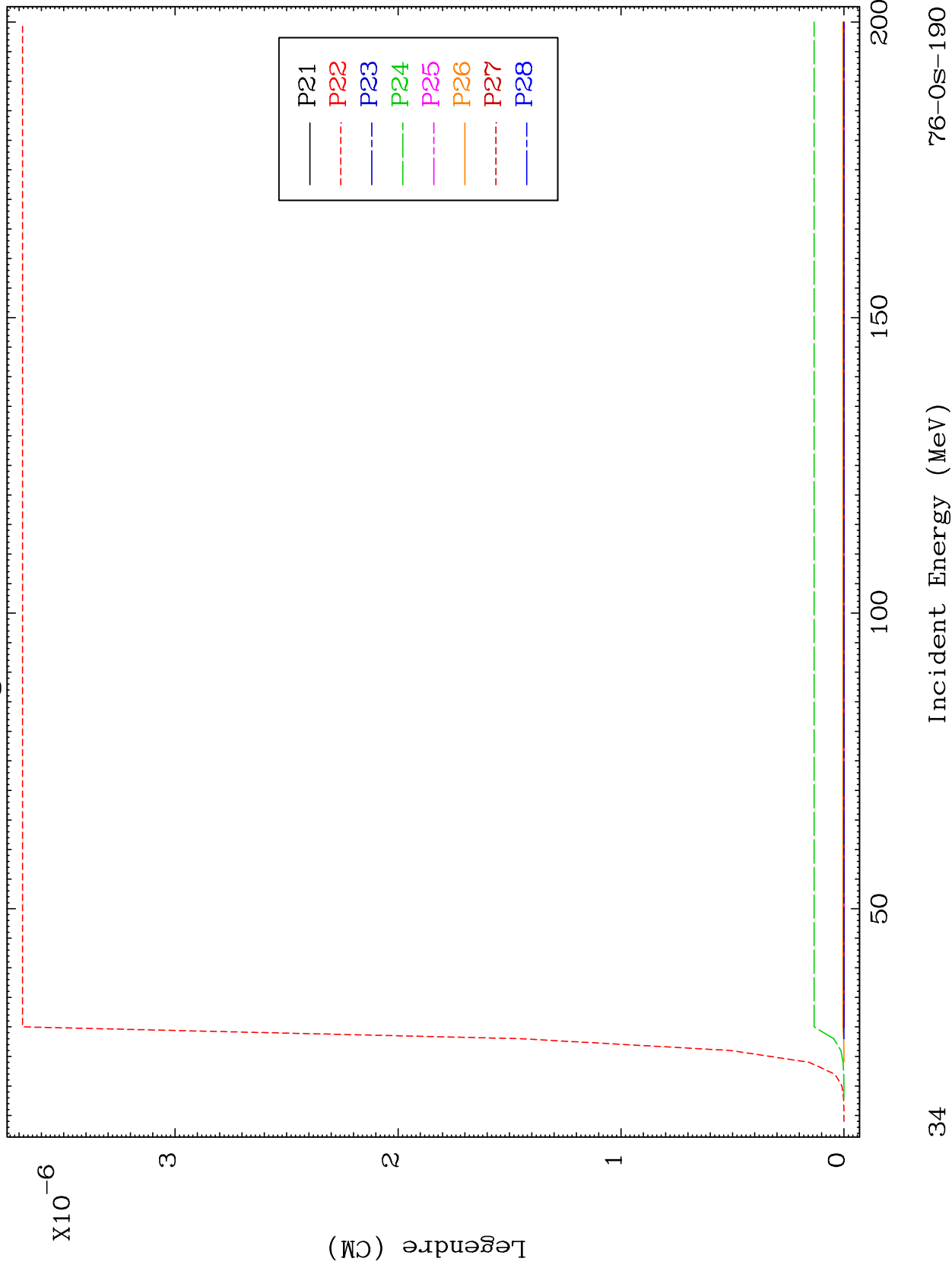
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MAT 7643

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

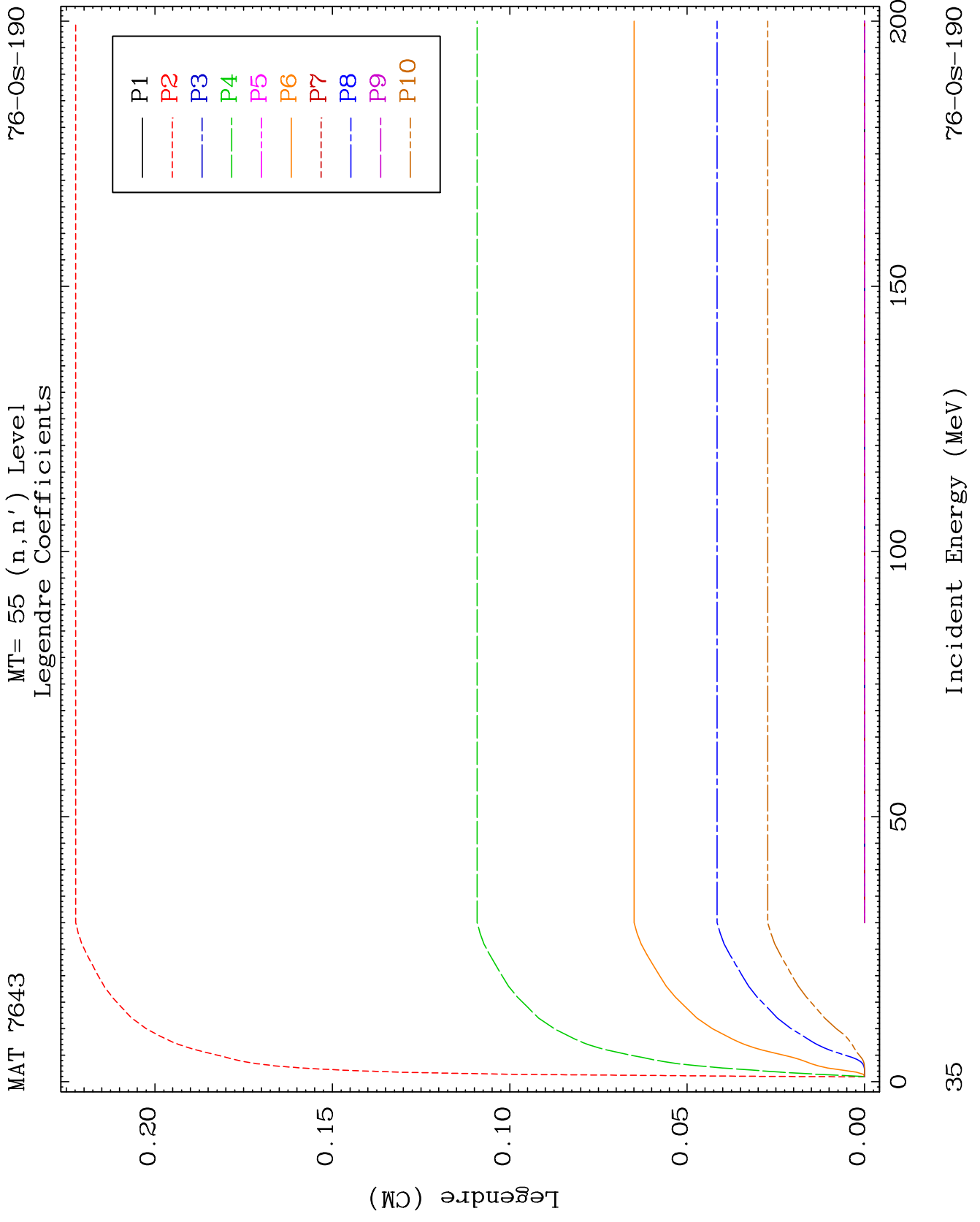
76-Os-190



34

Incident Energy (MeV)

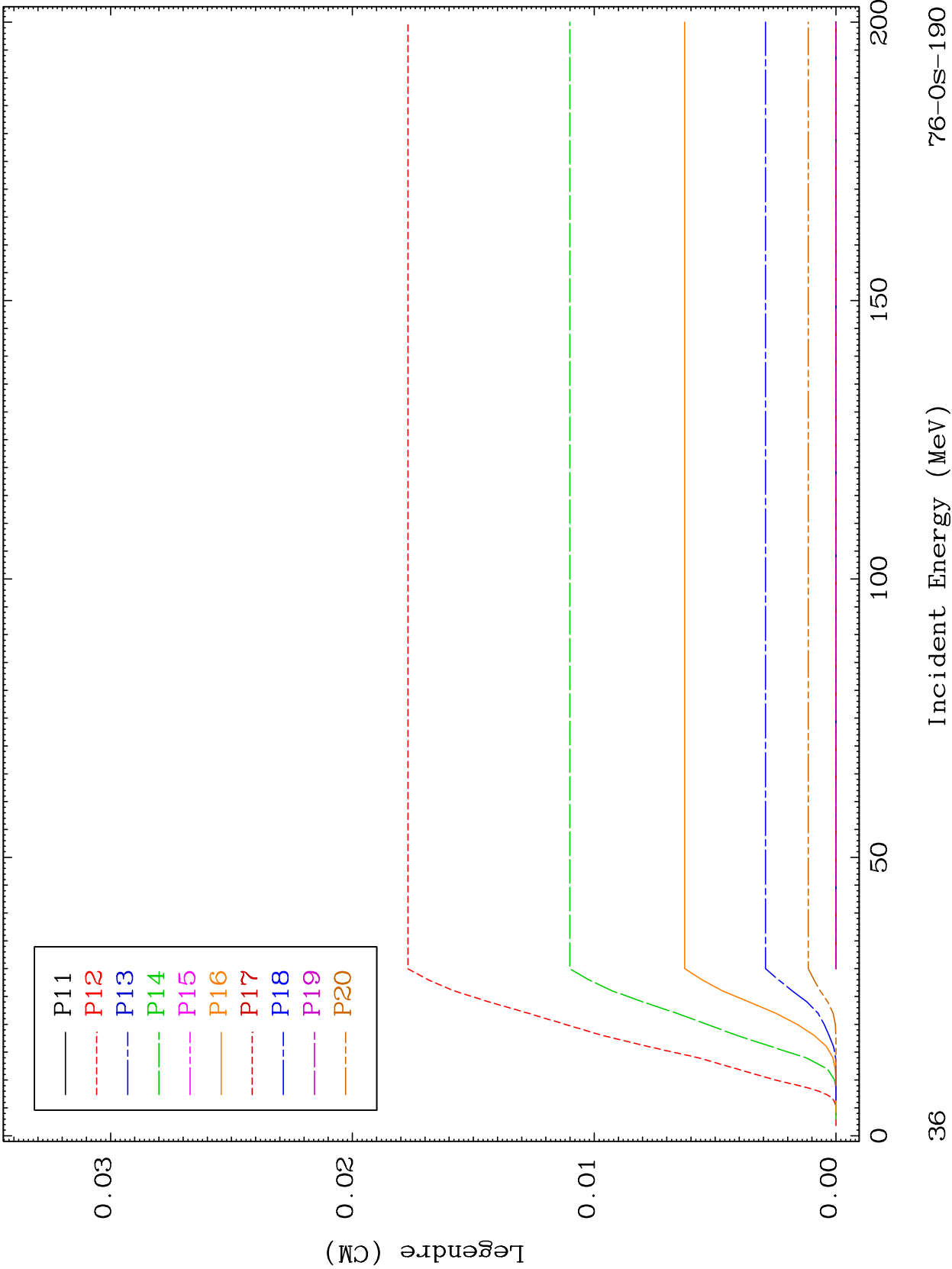
76-Os-190



MAT 7643

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

76-Os-190



36

Incident Energy (MeV)

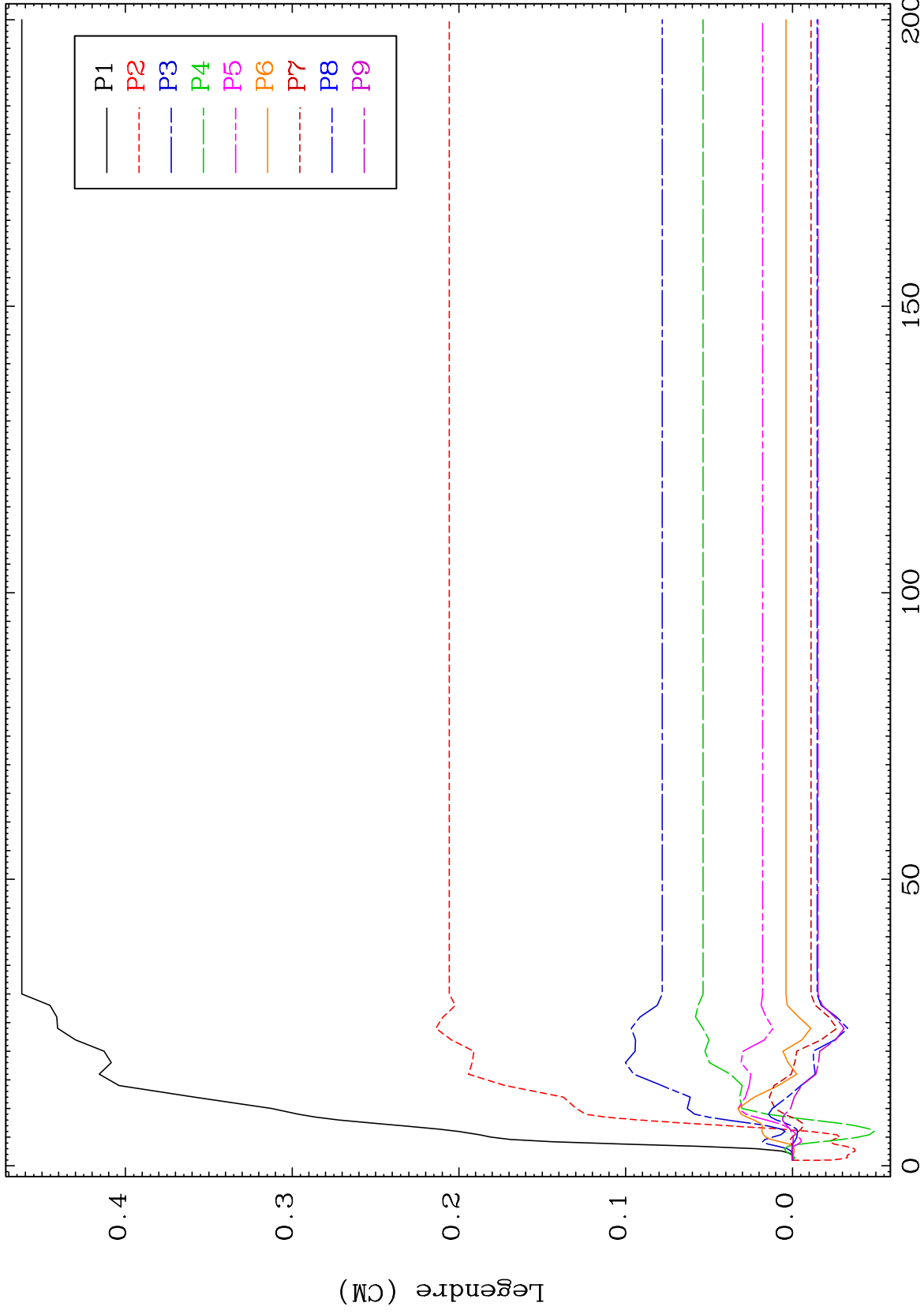
76-Os-190



MAT 7643

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

76-Os-190



38

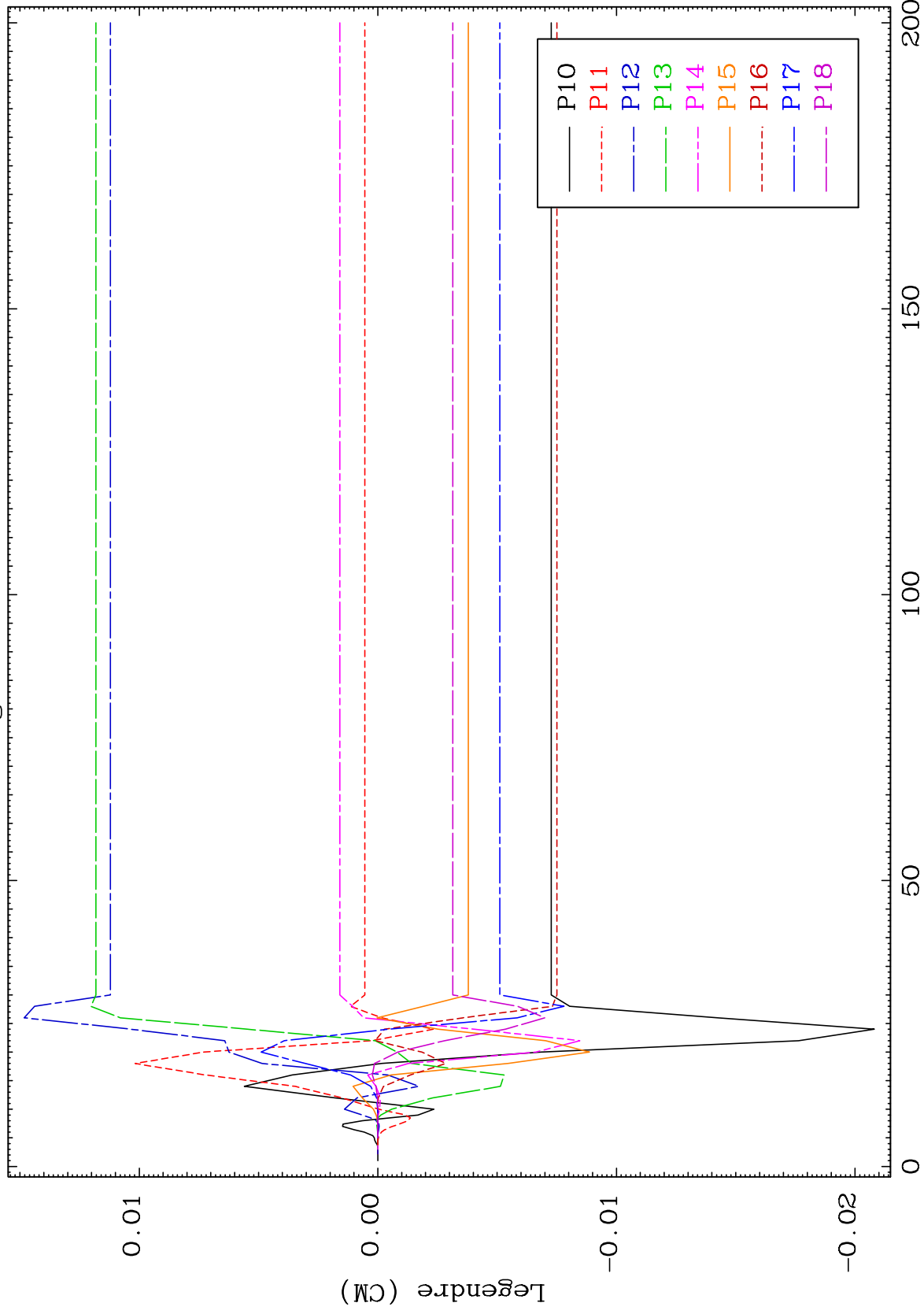
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



39

Incident Energy (MeV)

76-Os-190

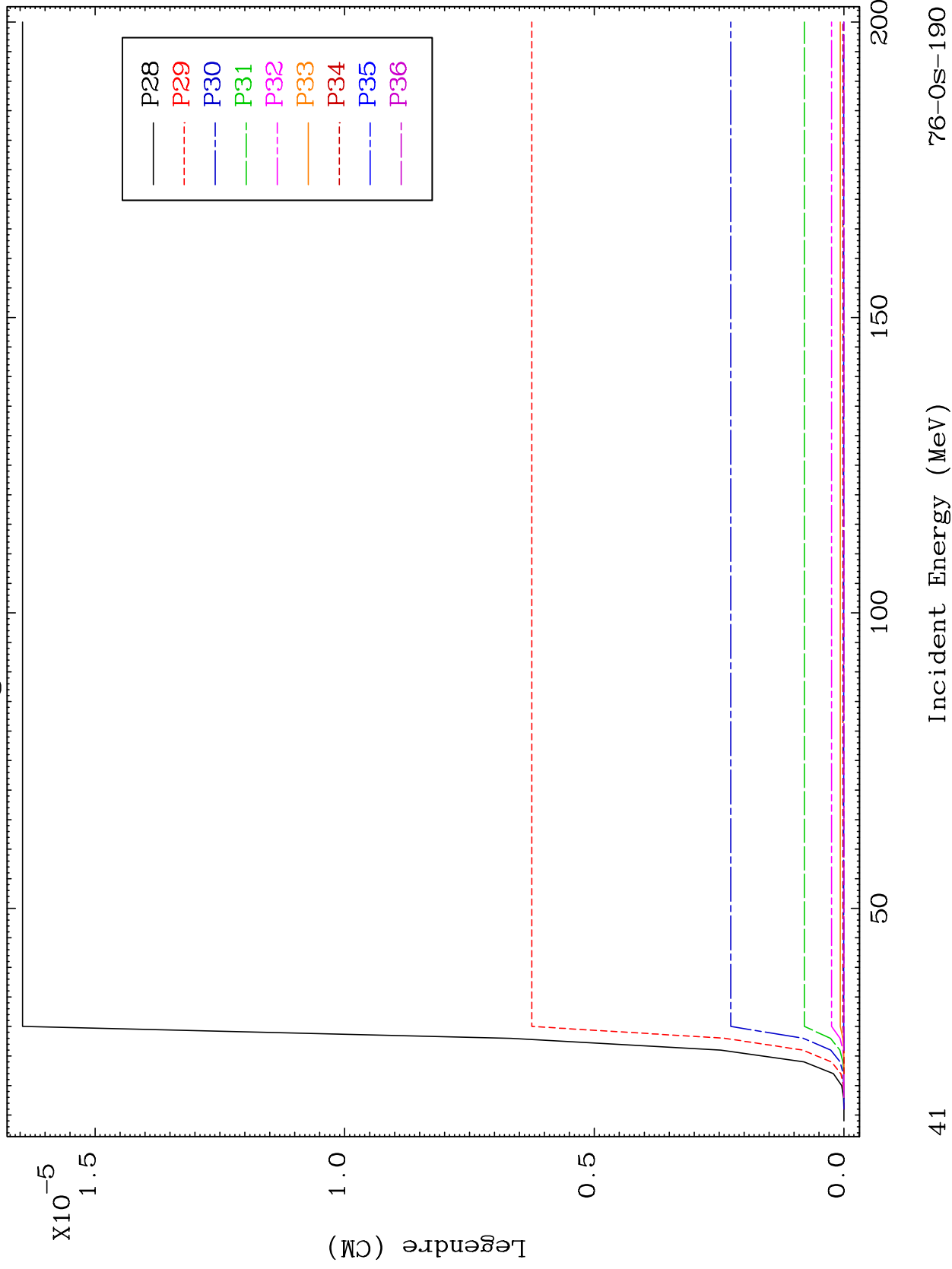




MAT 7643

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

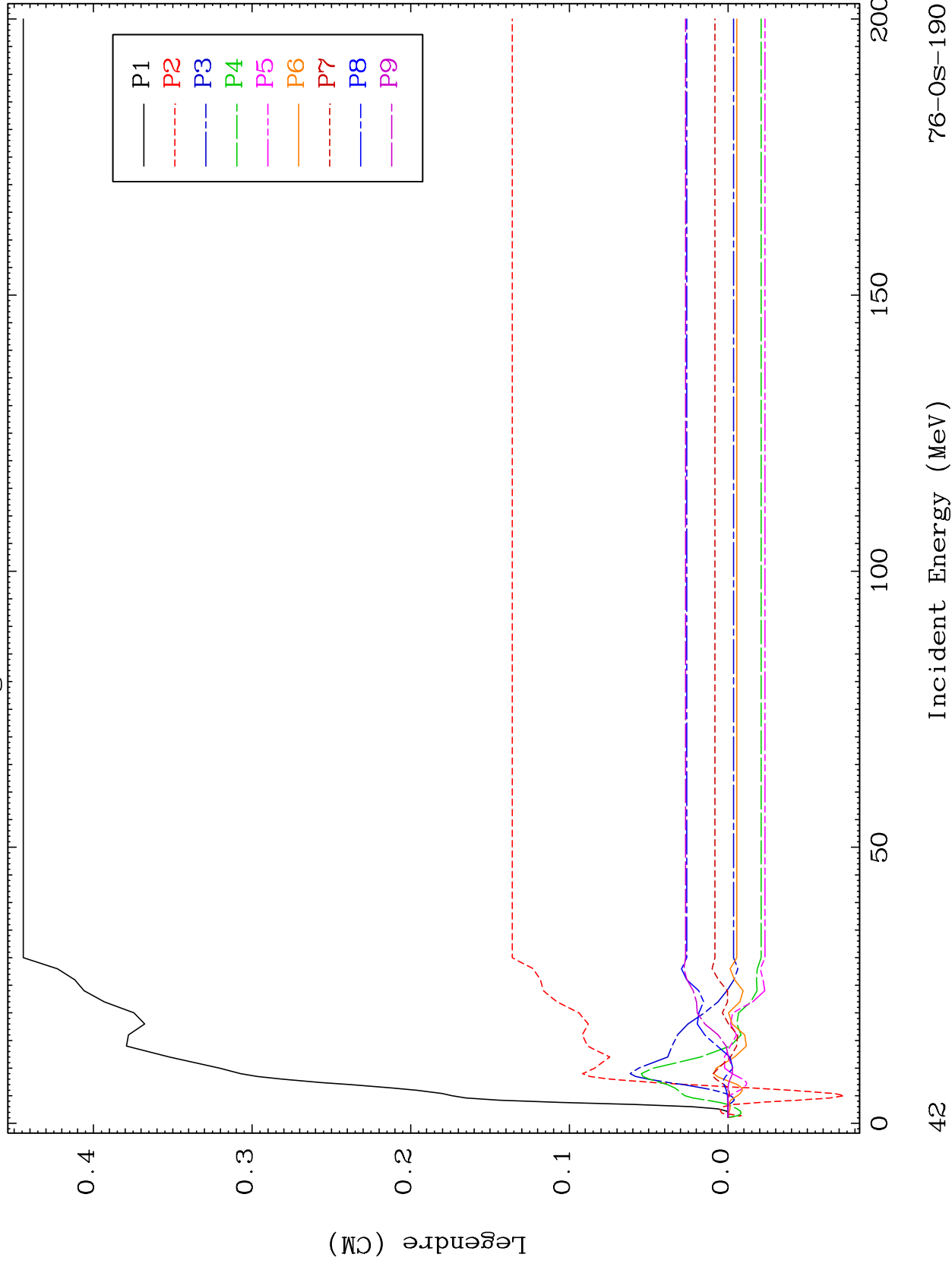
76-Os-190



MAT 7643

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

76-Os-190



76-Os-190

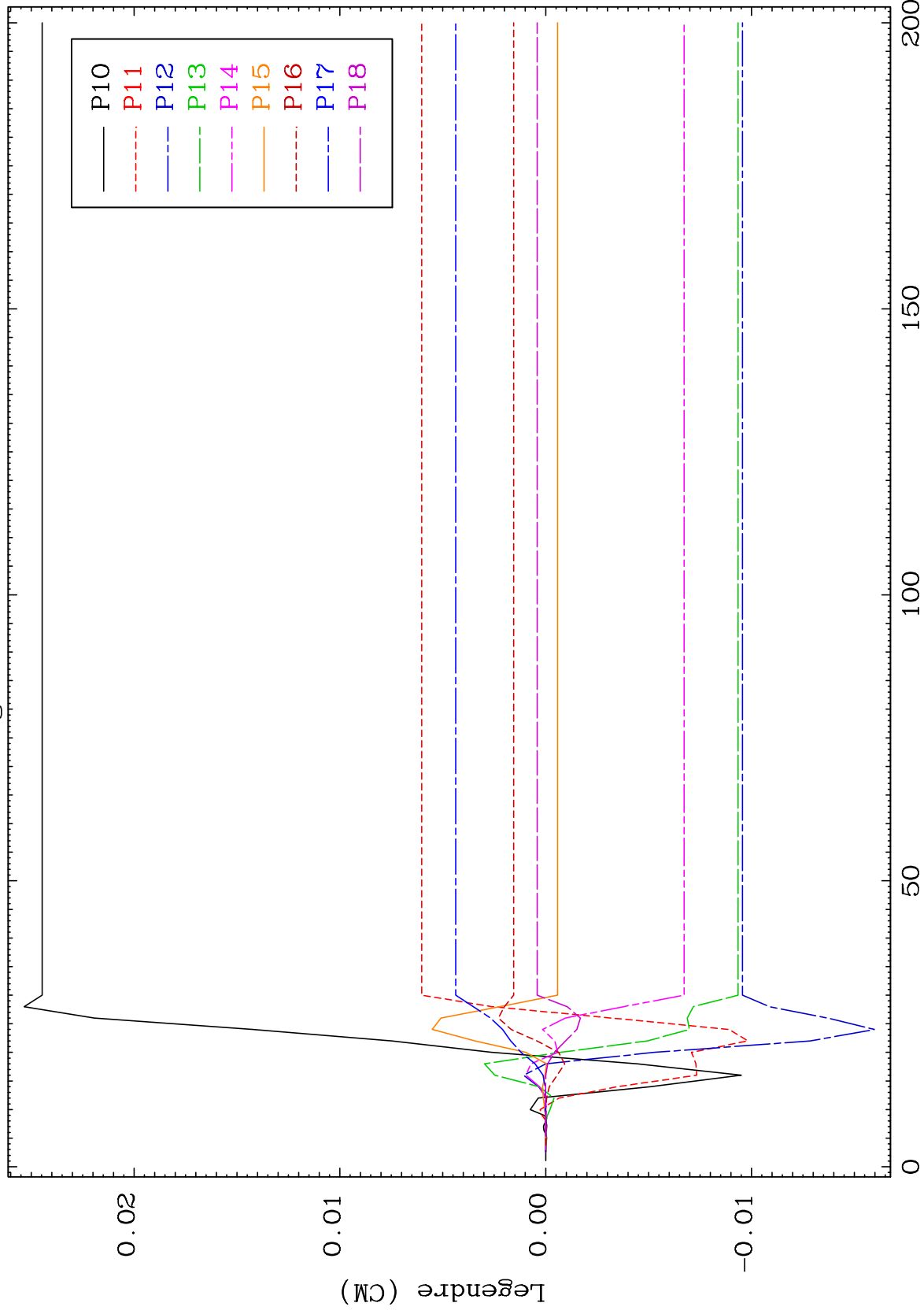
Incident Energy (MeV)

42

MAT 7643

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

76-Os-190



43

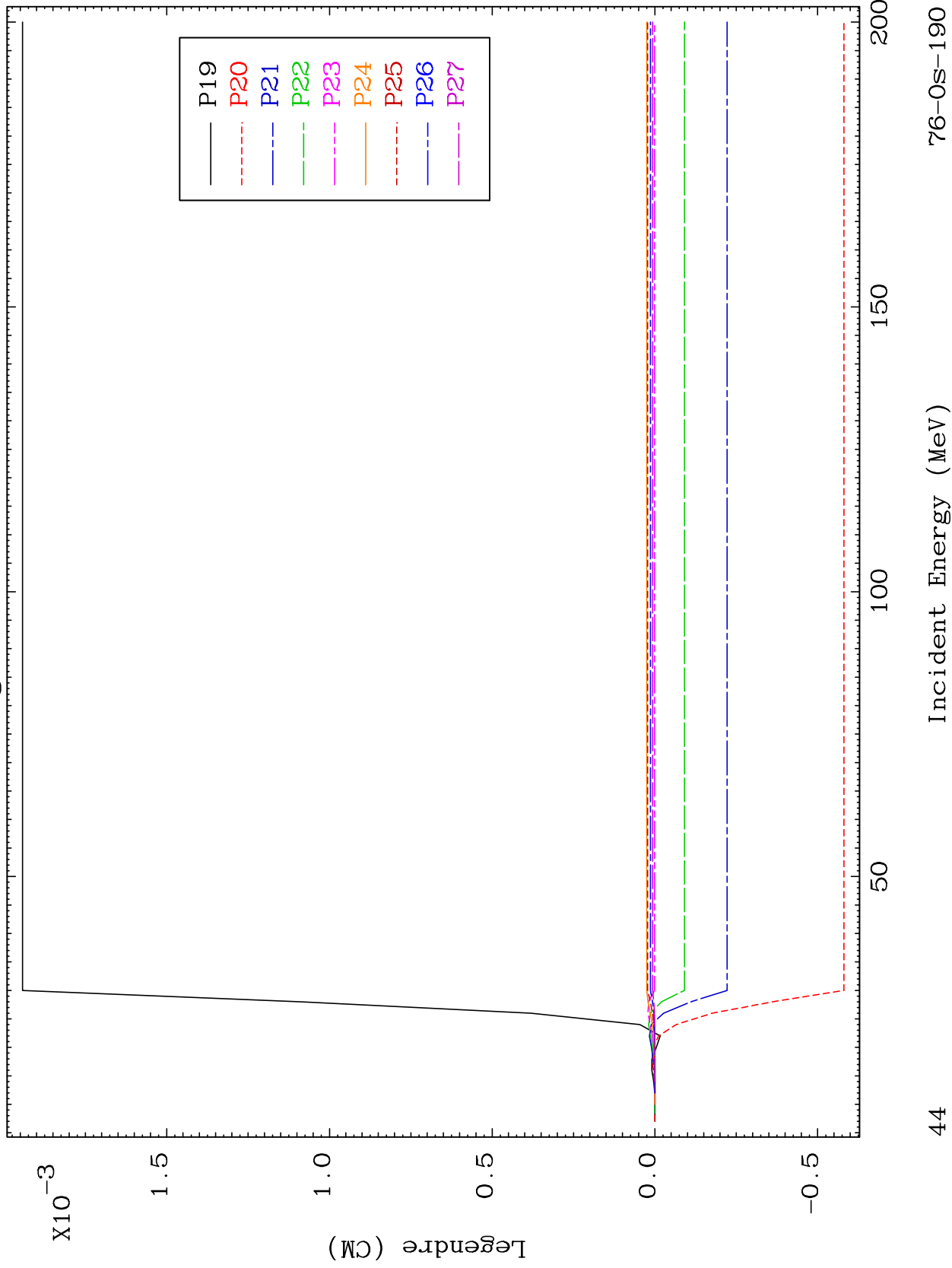
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



44

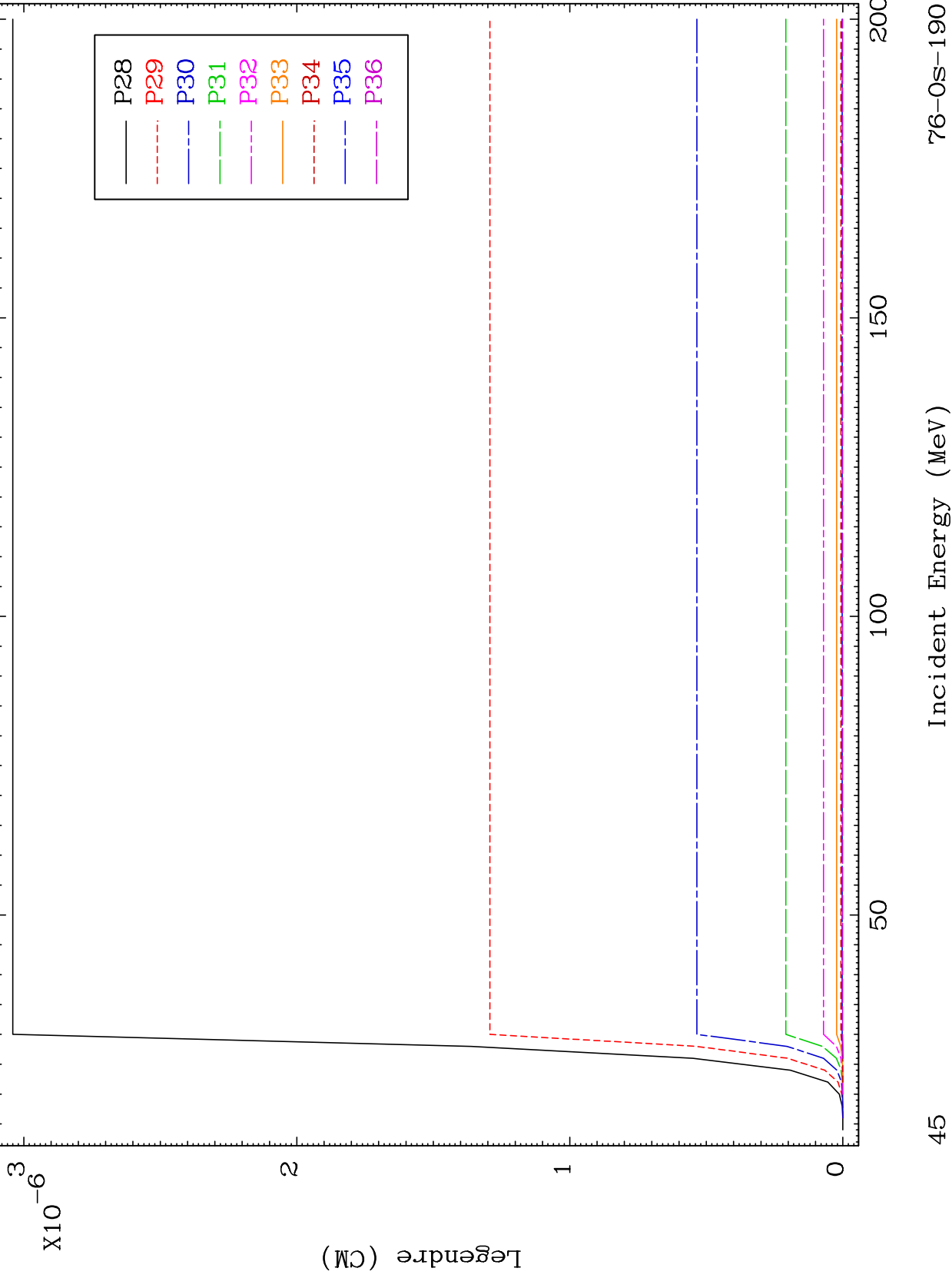
Incident Energy (MeV)

76-Os-190

MAT 7643

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

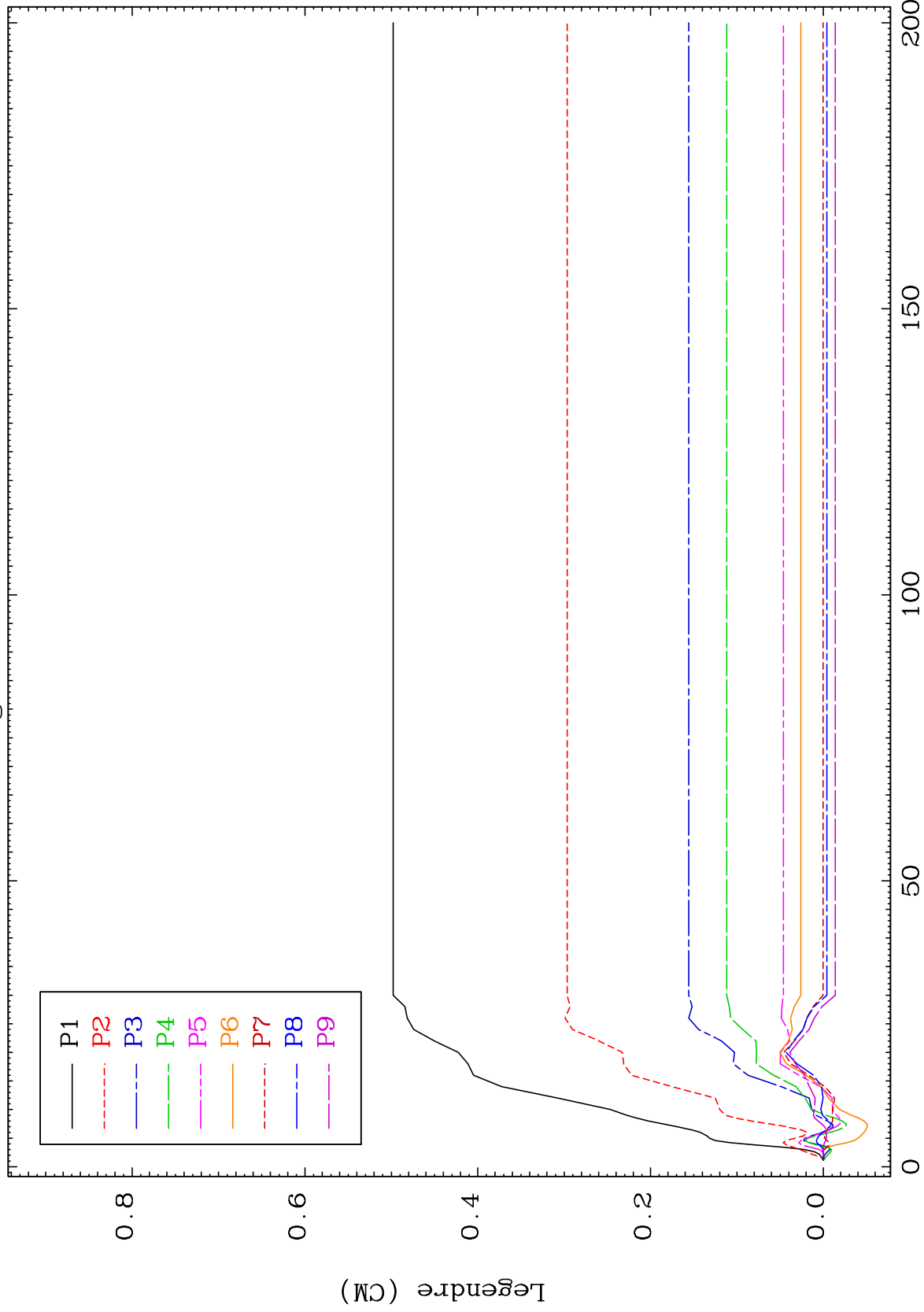
76-Os-190



MAT 7643

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

76-0s-190



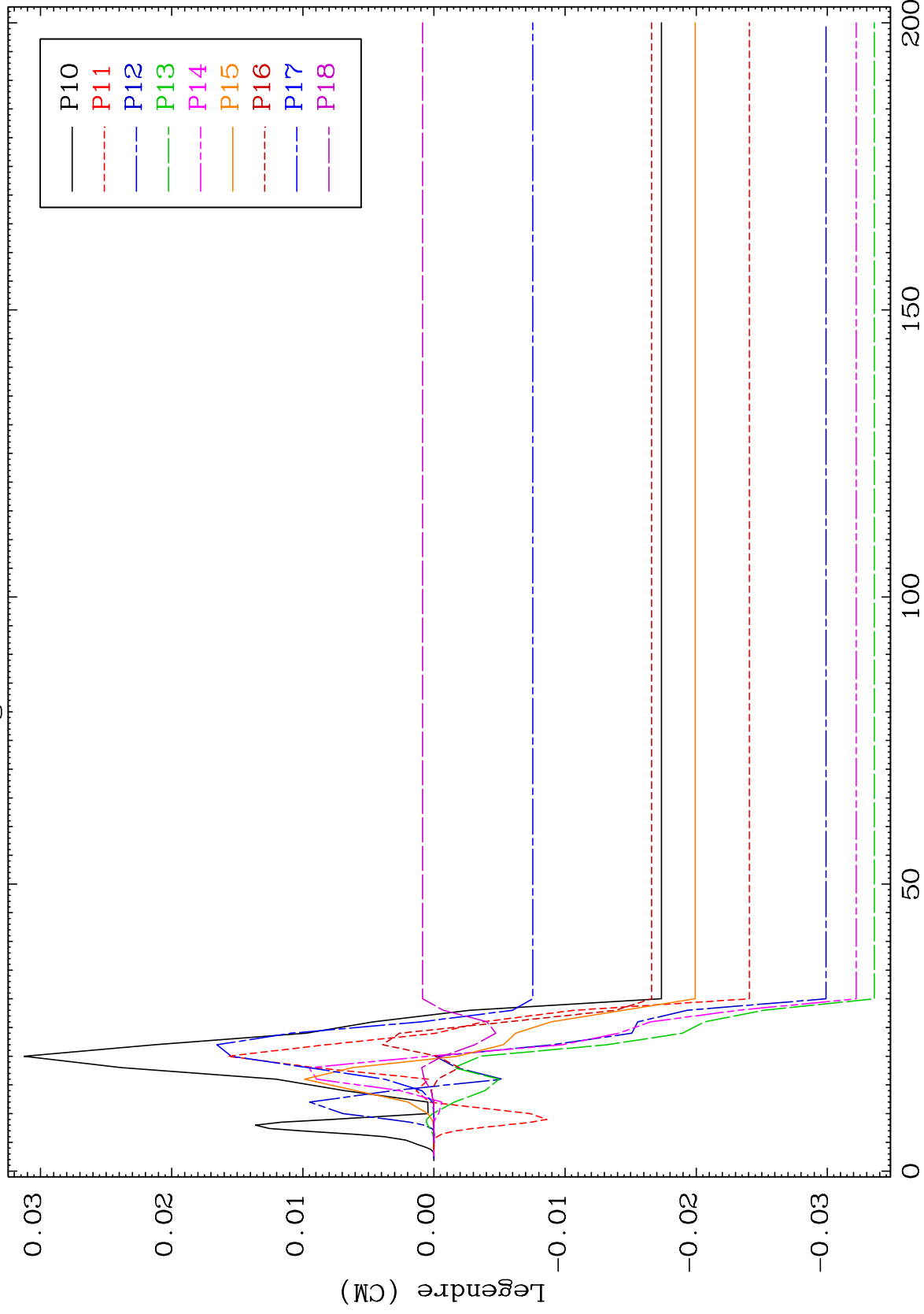
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76-0s-190

MAT 7643

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

76-Os-190



47

Incident Energy (MeV)

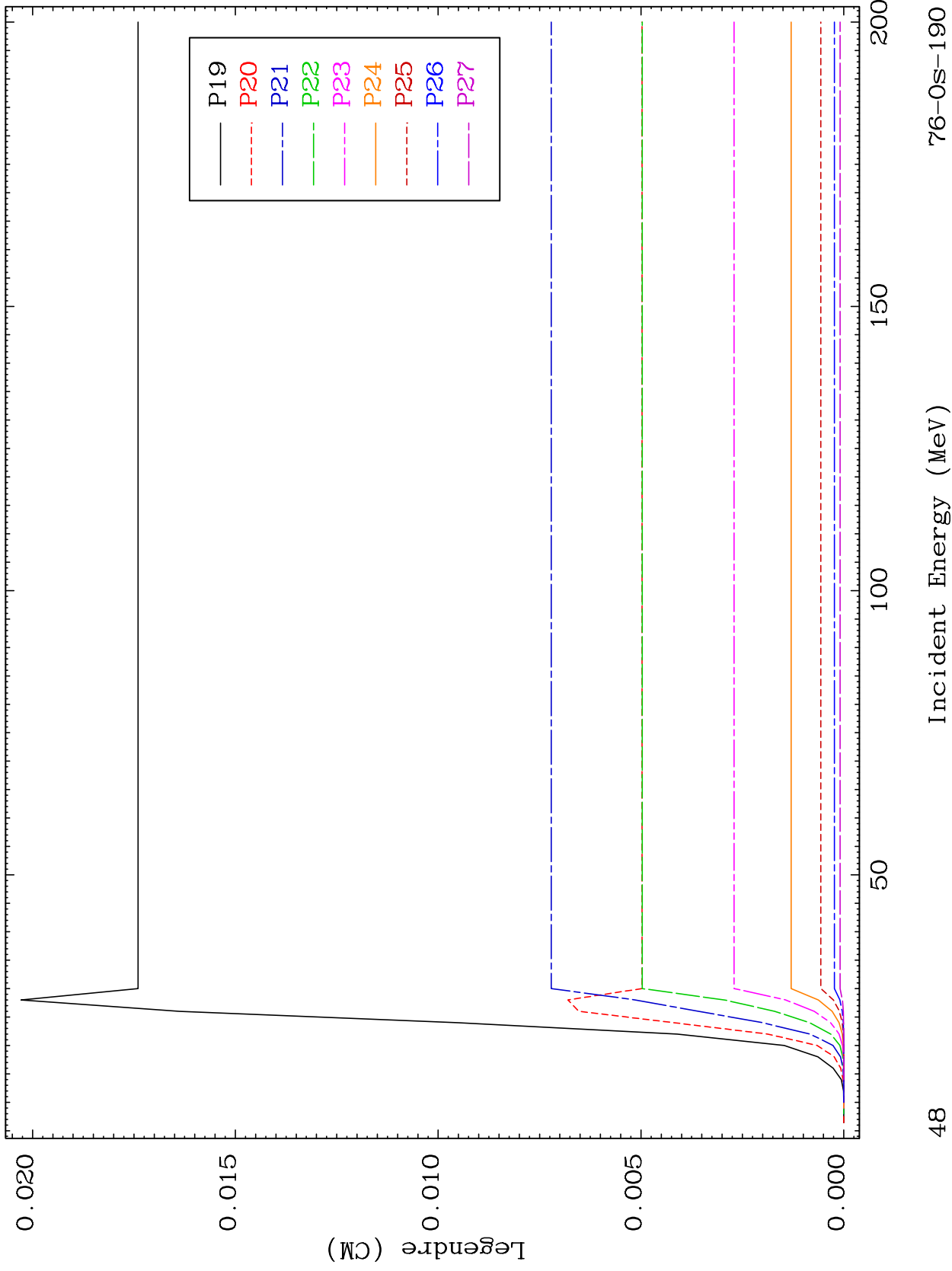
76-Os-190



MAT 7643

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

76-Os-190



48

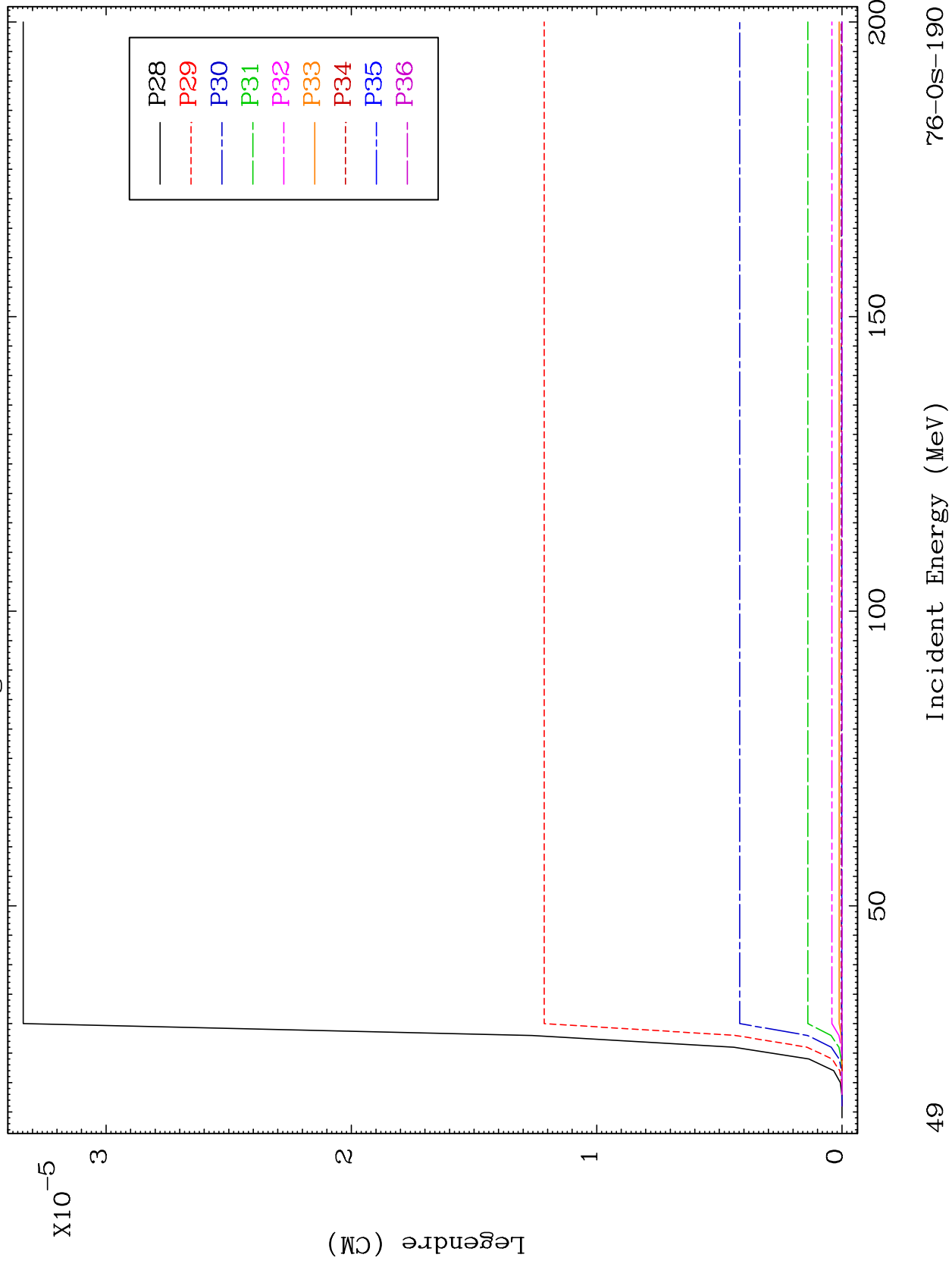
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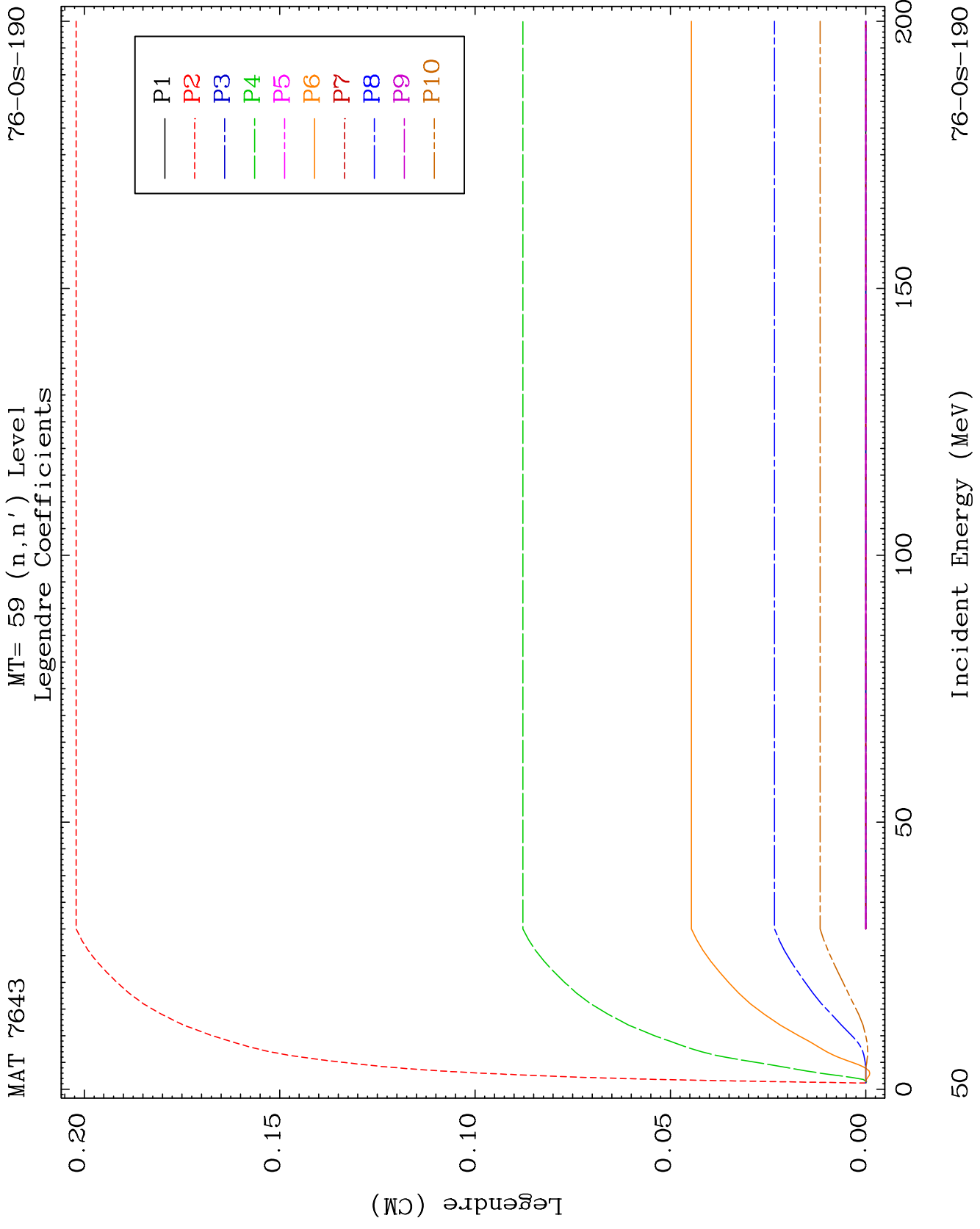
76-Os-190

MAT 7643

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

76-Os-190



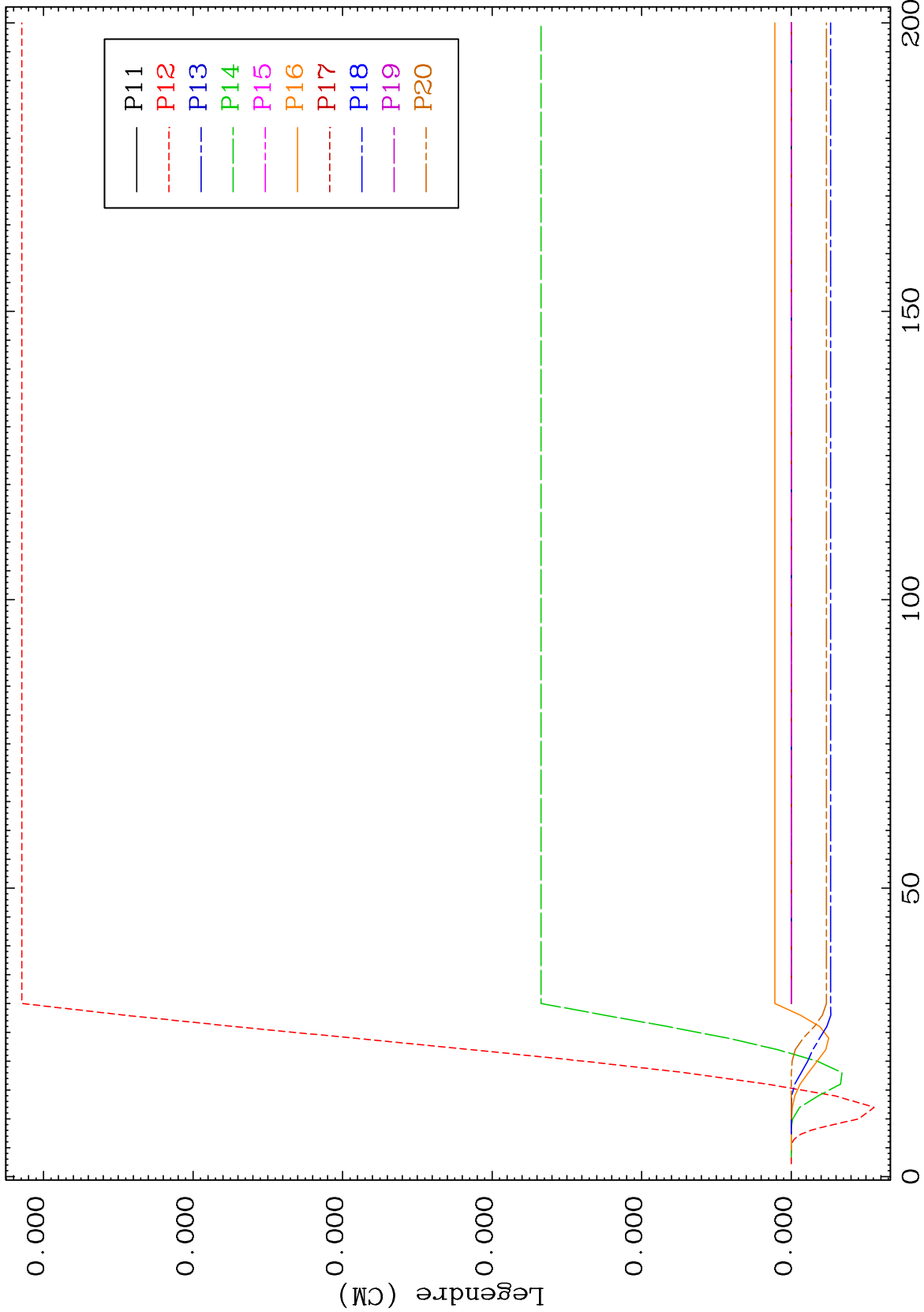


MAT 7643

MT= 59 (n,n') Level

76-Os-190

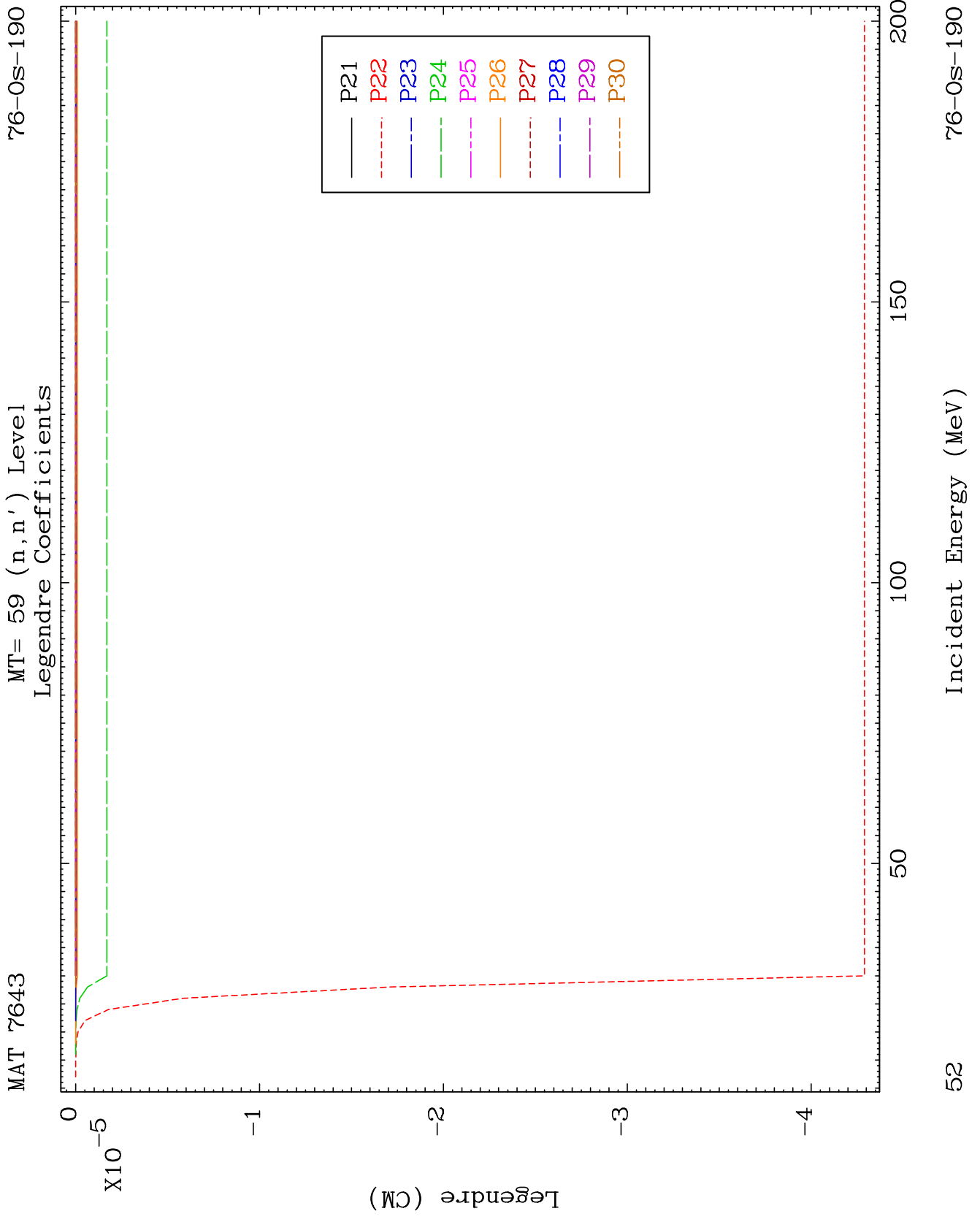
Legendre Coefficients



51

Incident Energy (MeV)

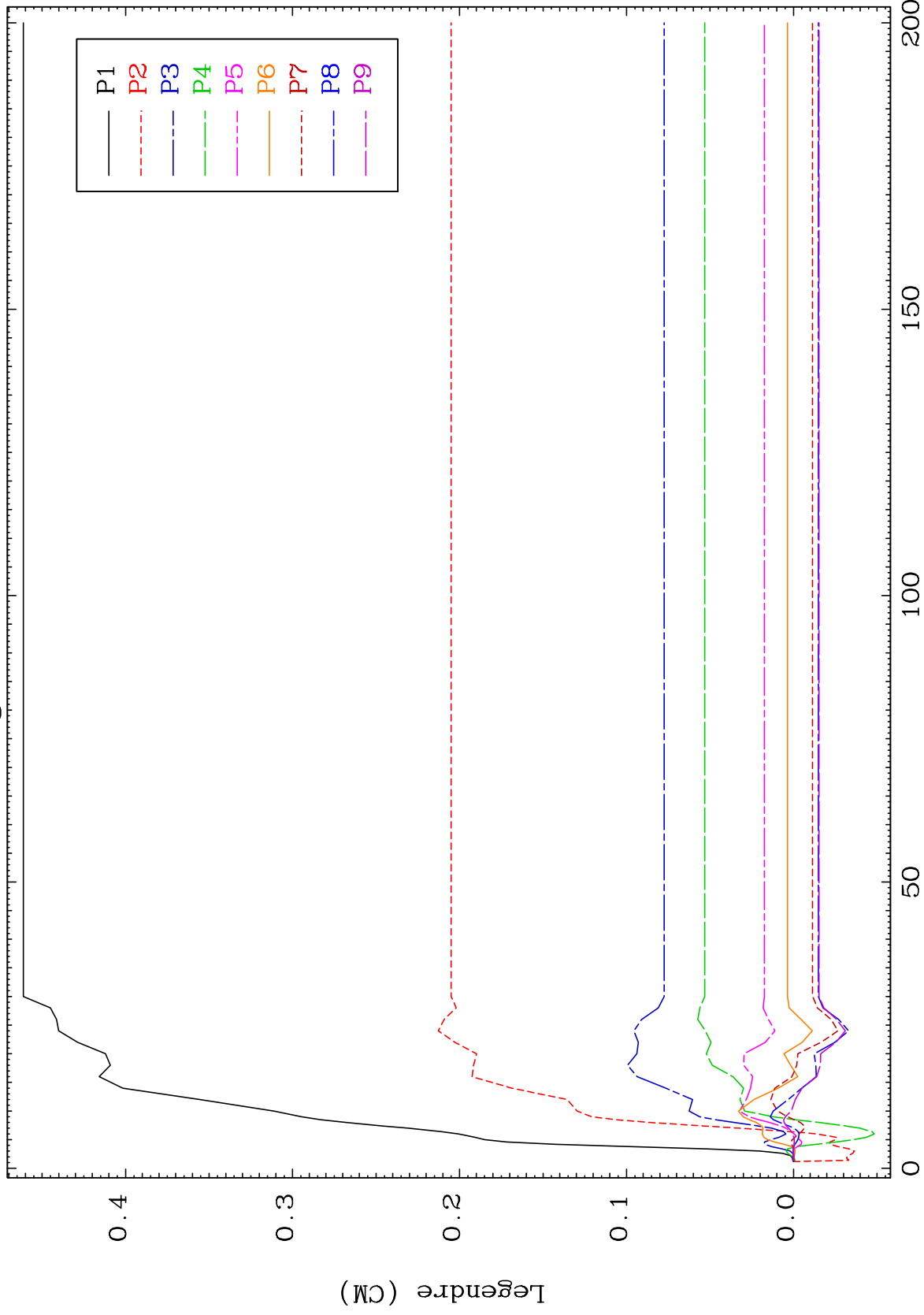
76-Os-190



MAT 7643

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

76-Os-190



53

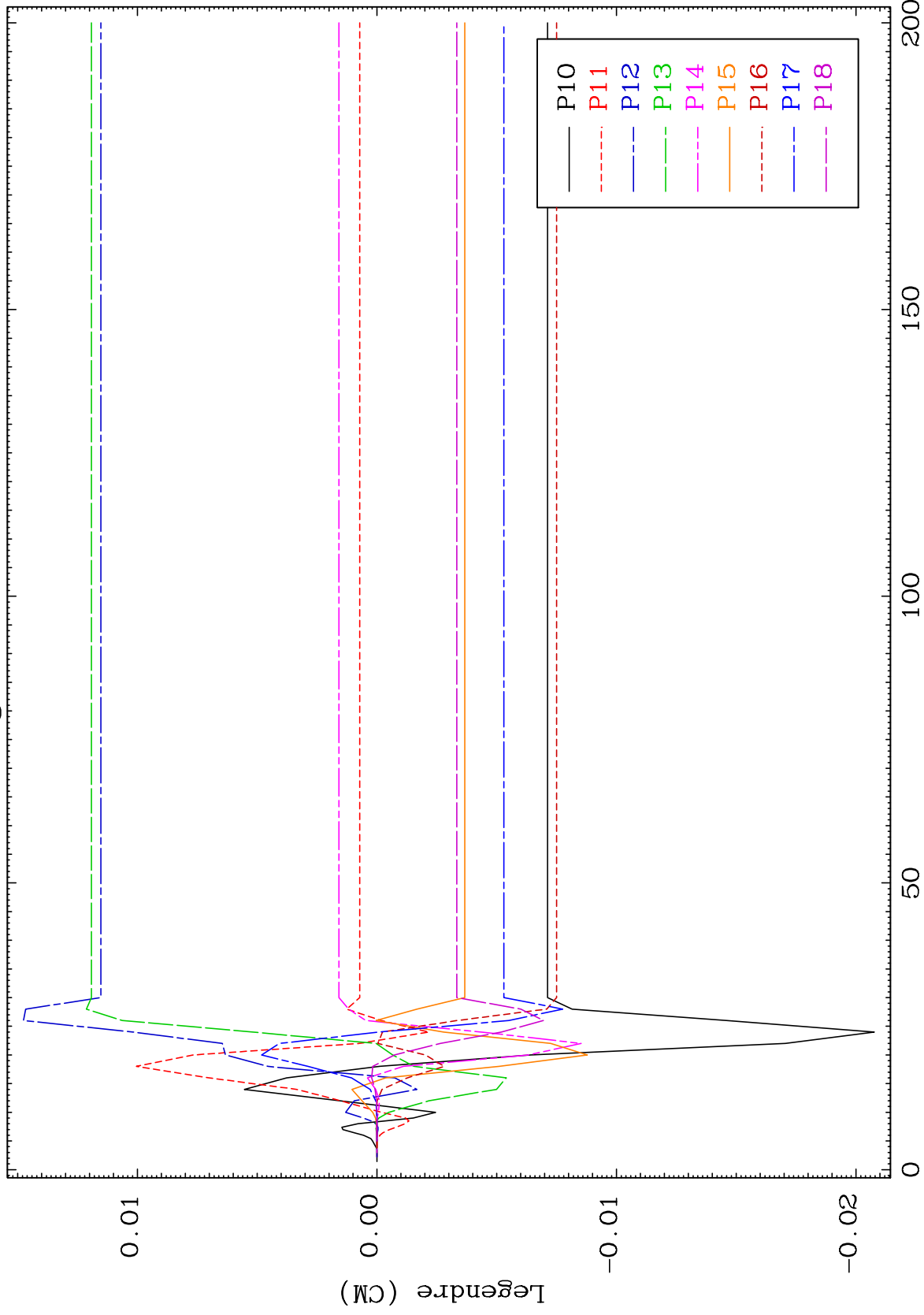
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



54

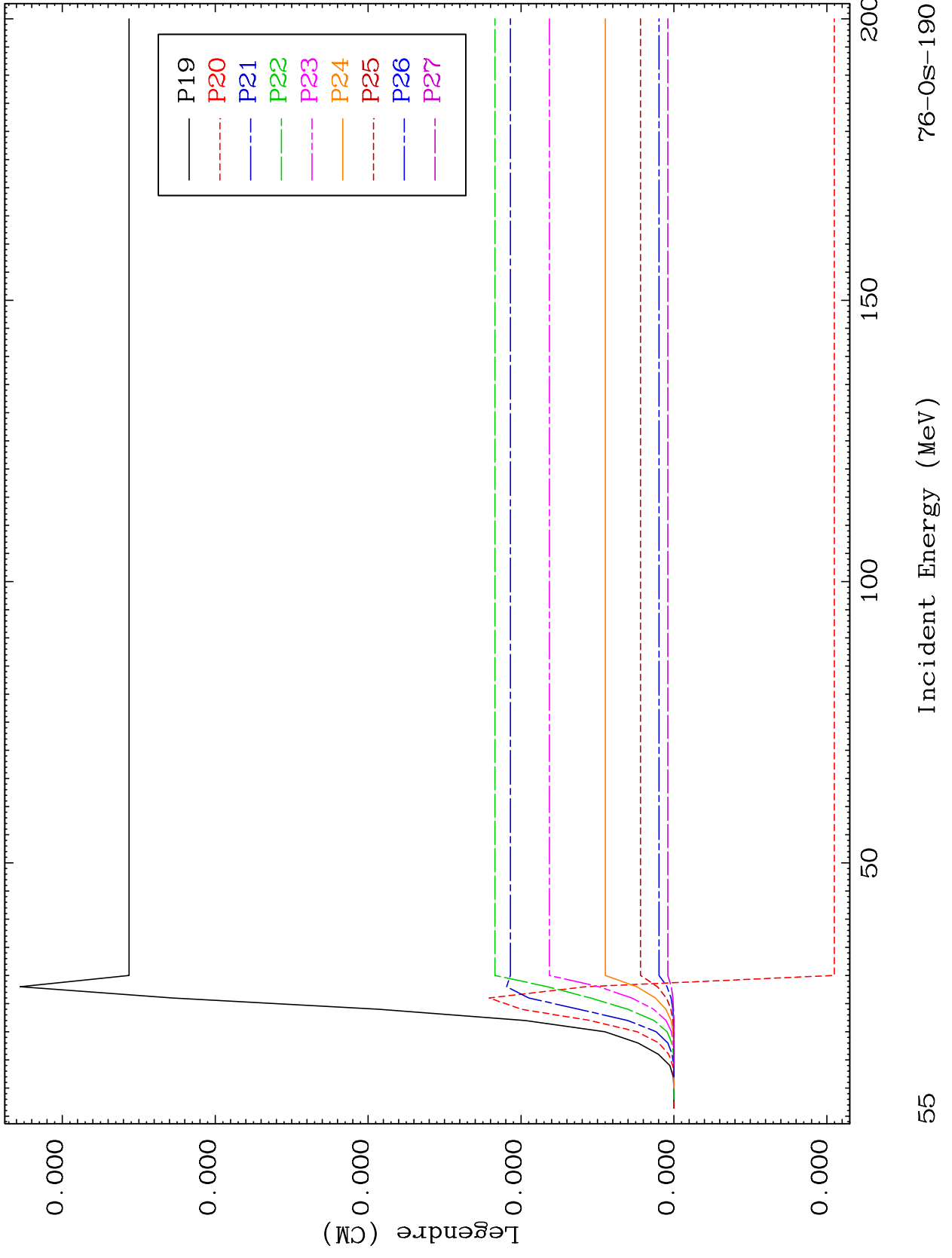
Incident Energy (MeV)

76-Os-190

MAT 7643

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

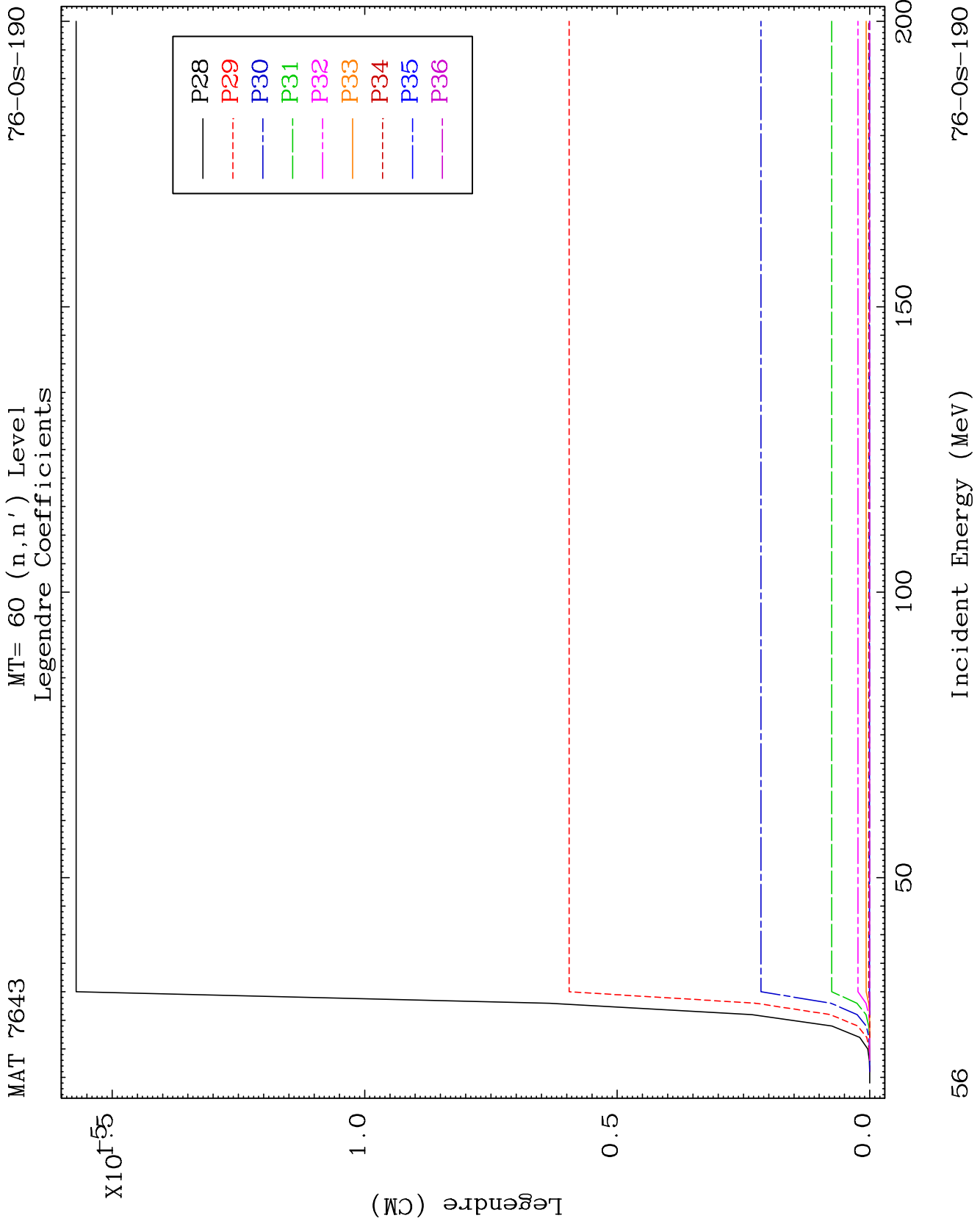
76-Os-190



55

76-Os-190

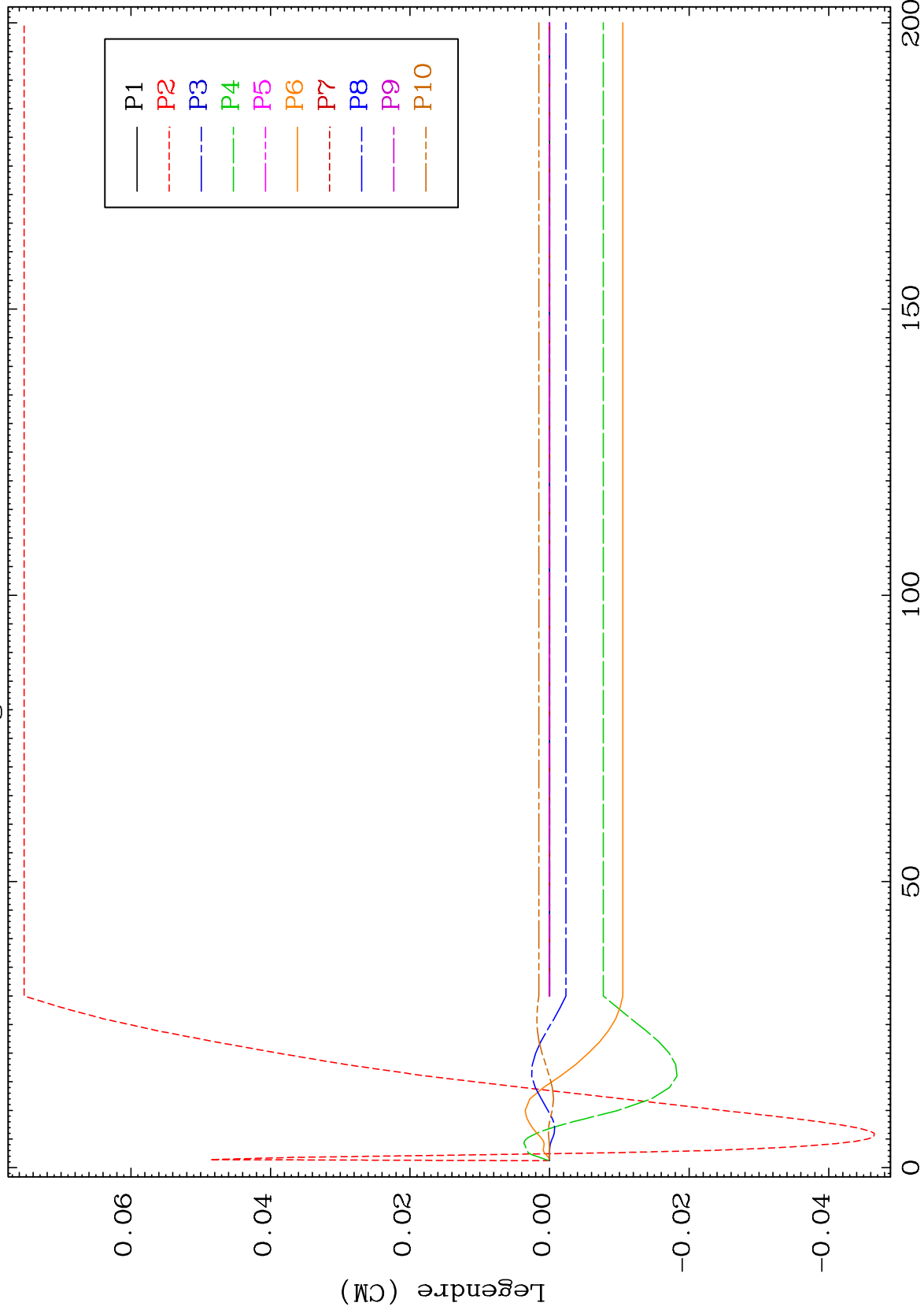




MAT 7643

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

76-Os-190



76-Os-190

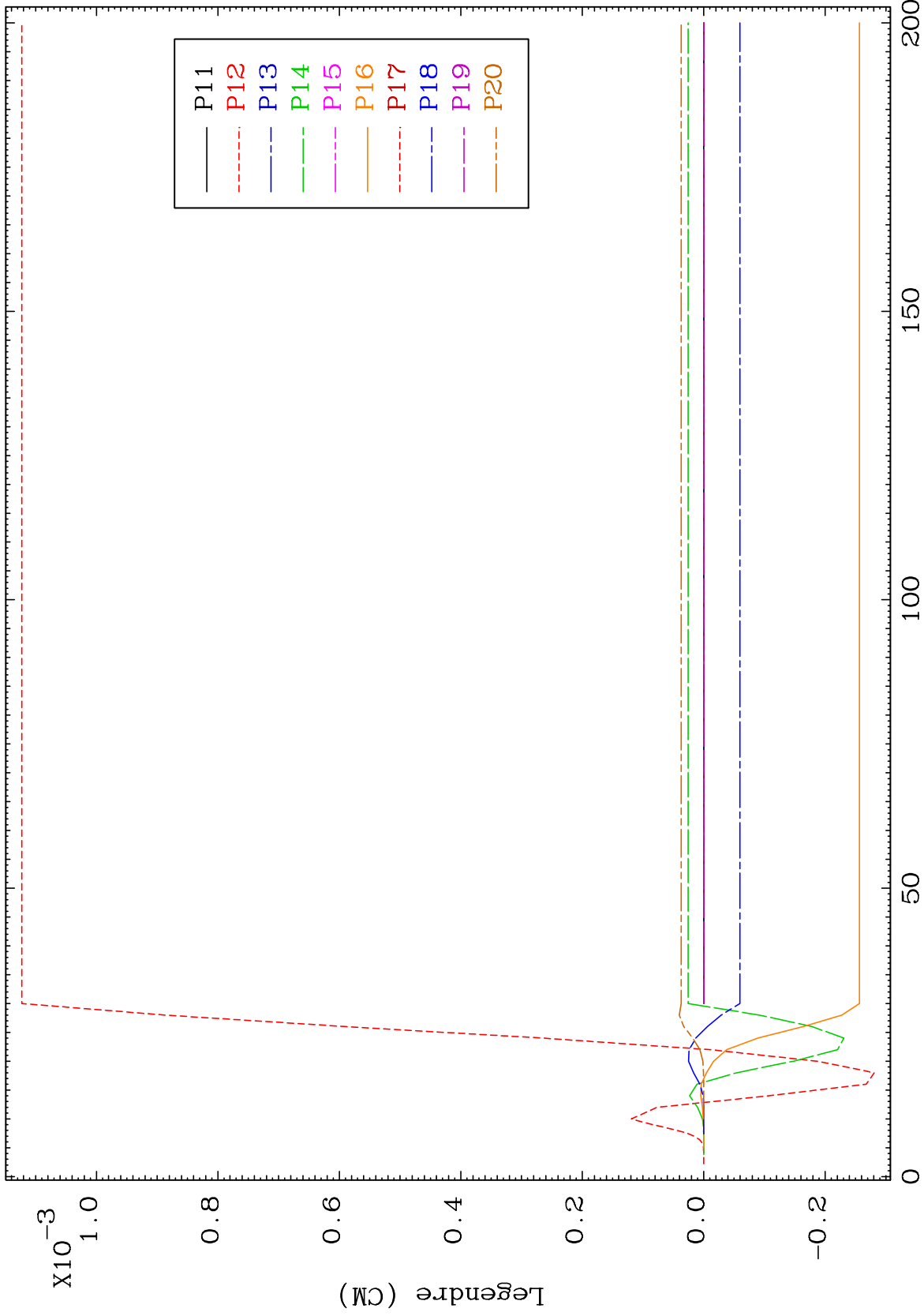
Incident Energy (MeV)

57

MAT 7643

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

76-Os-190



58

Incident Energy (MeV)

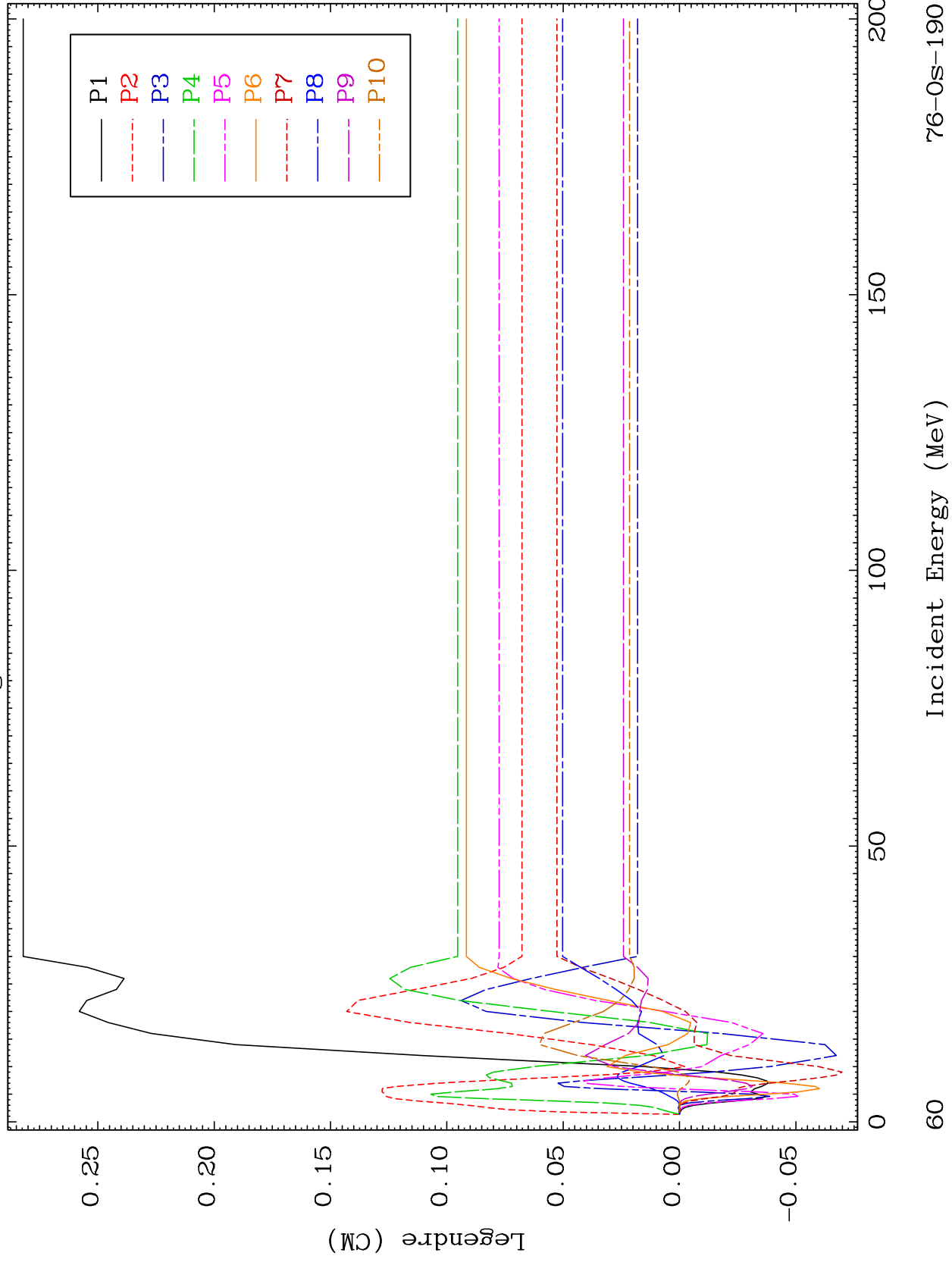
76-Os-190



MAT 7643

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

76-Os-190



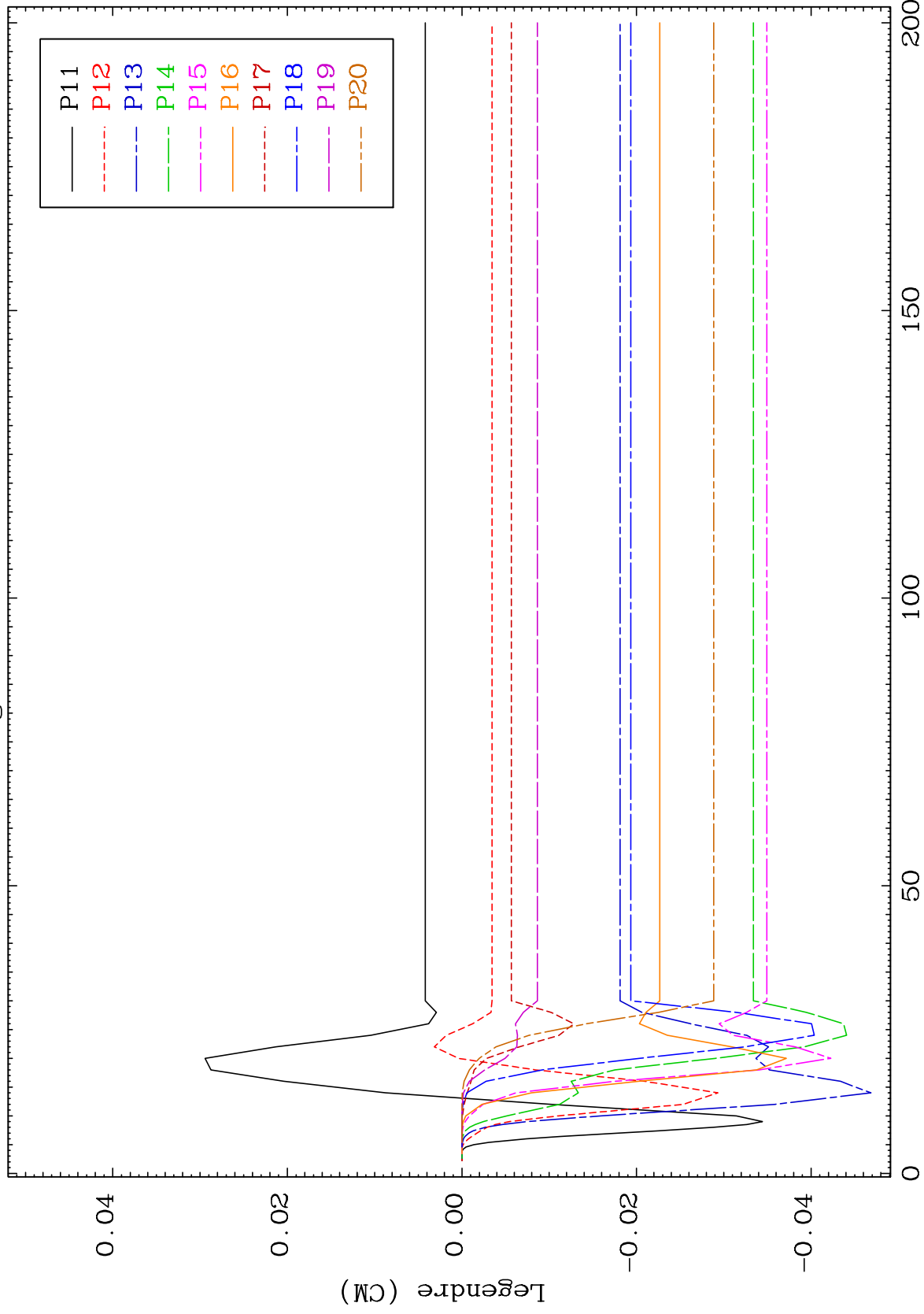
76-Os-190

Incident Energy (MeV)

MAT 7643

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

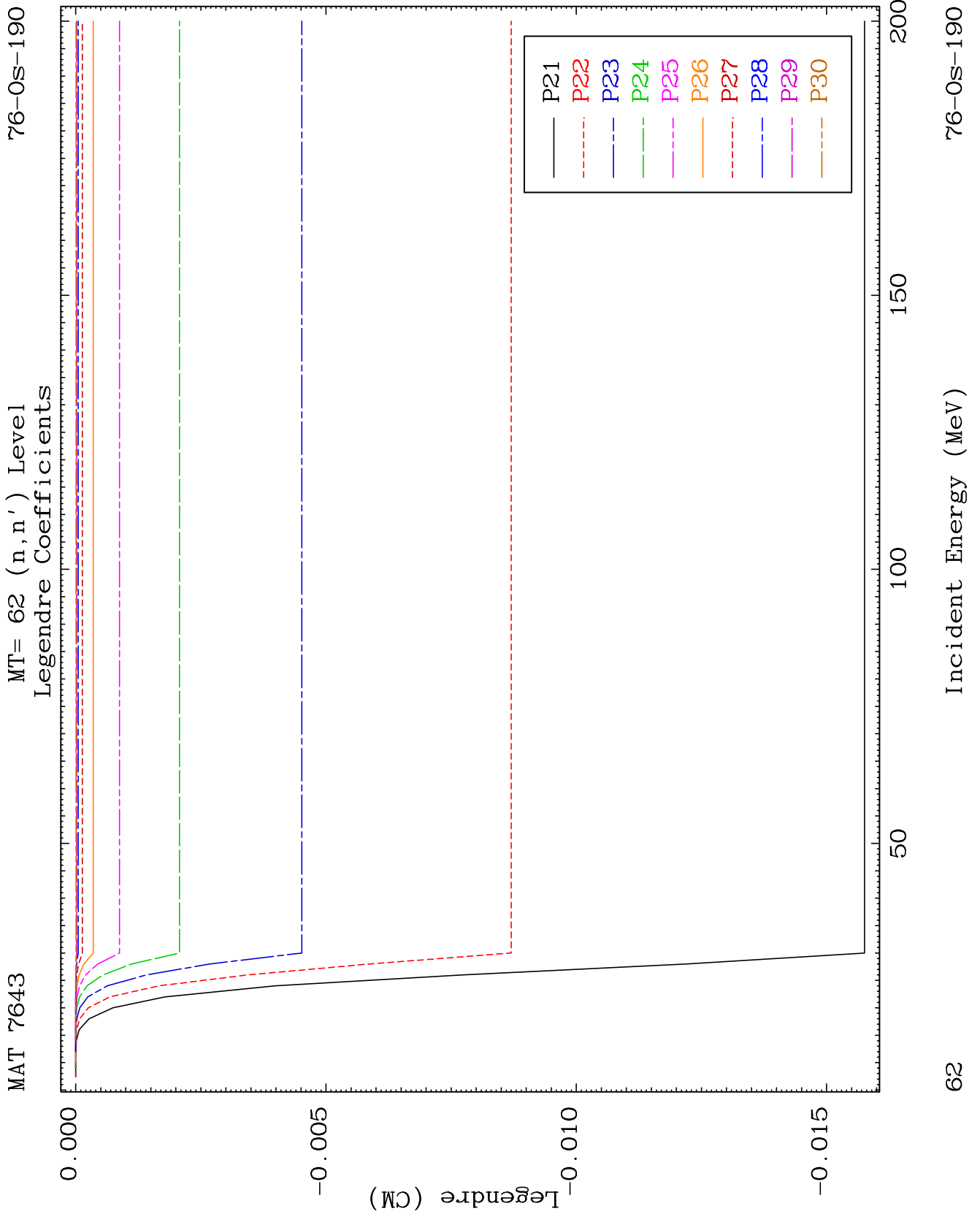
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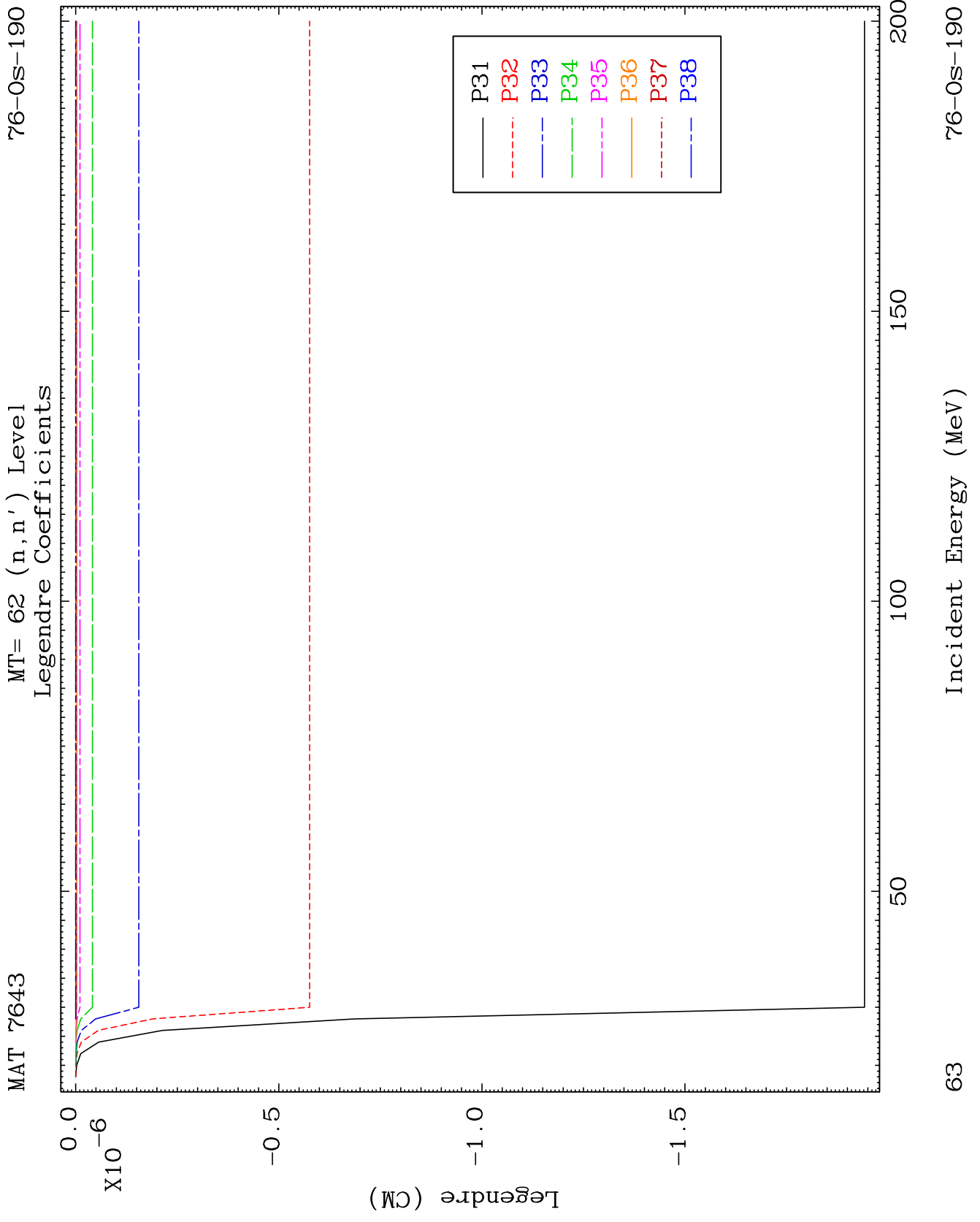


61

Incident Energy (MeV)

76-Os-190



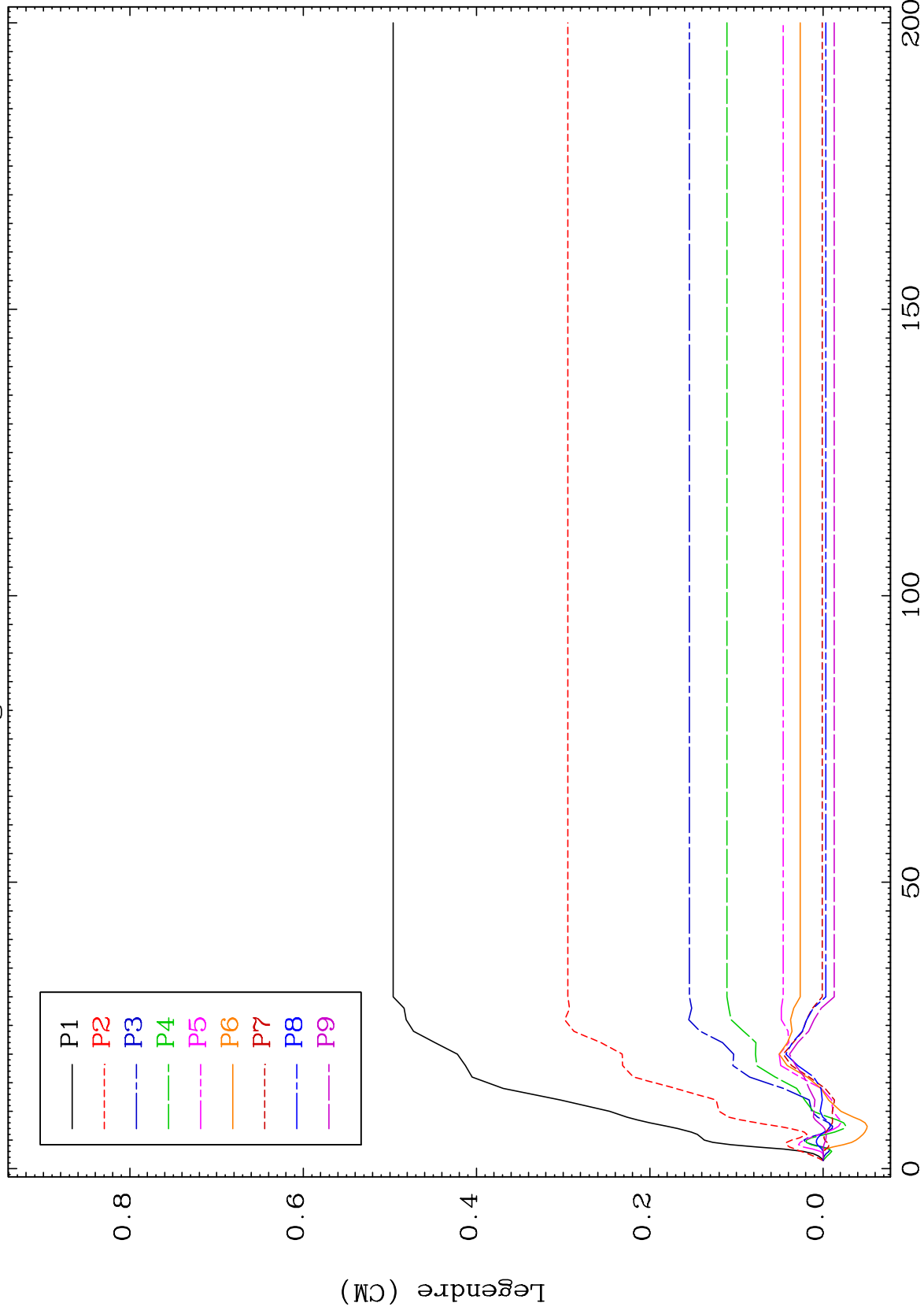




MAT 7643

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

76-0s-190



64

Incident Energy (MeV)

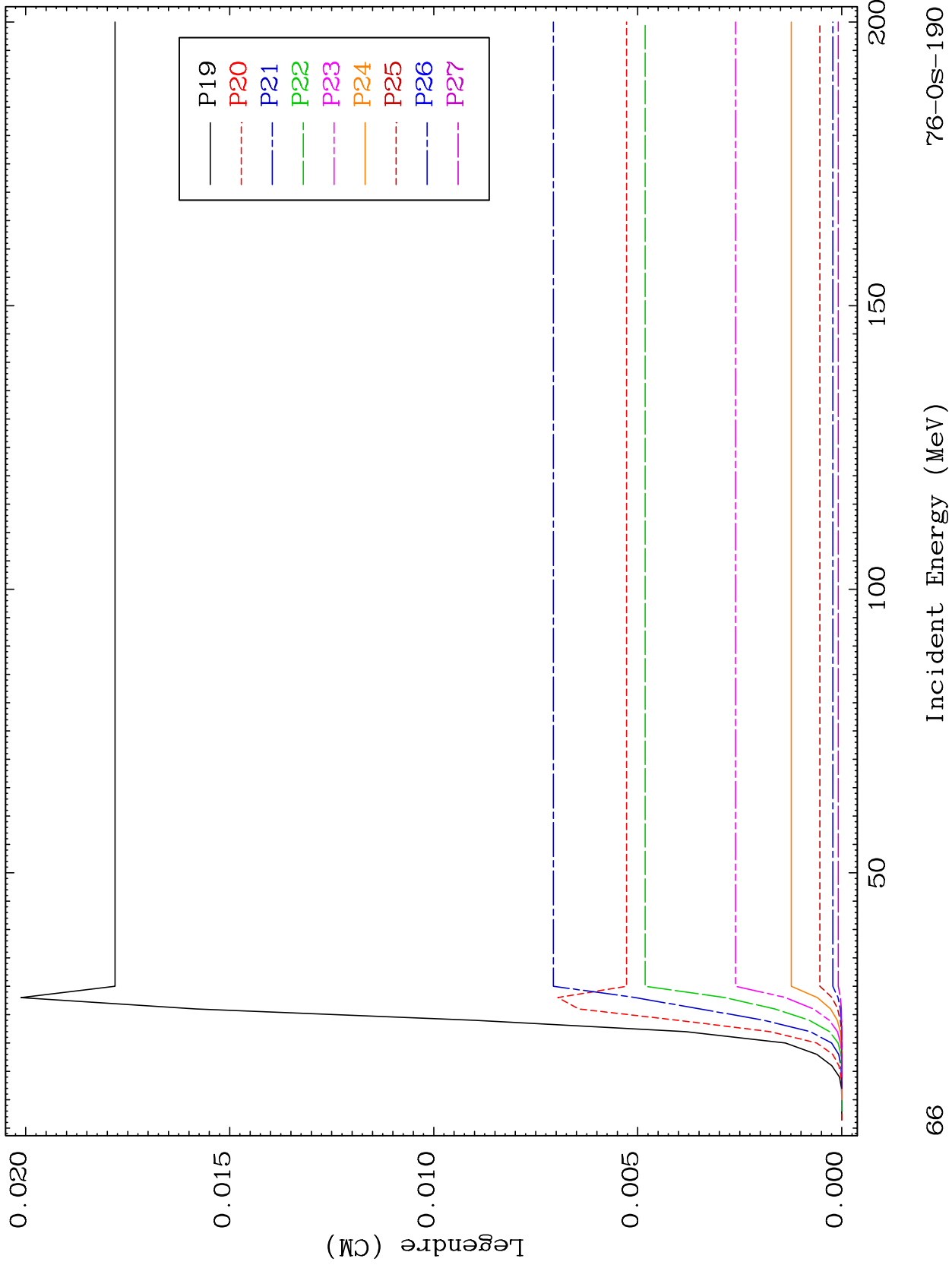
76-0s-190



MAT 7643

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

76-Os-190



66

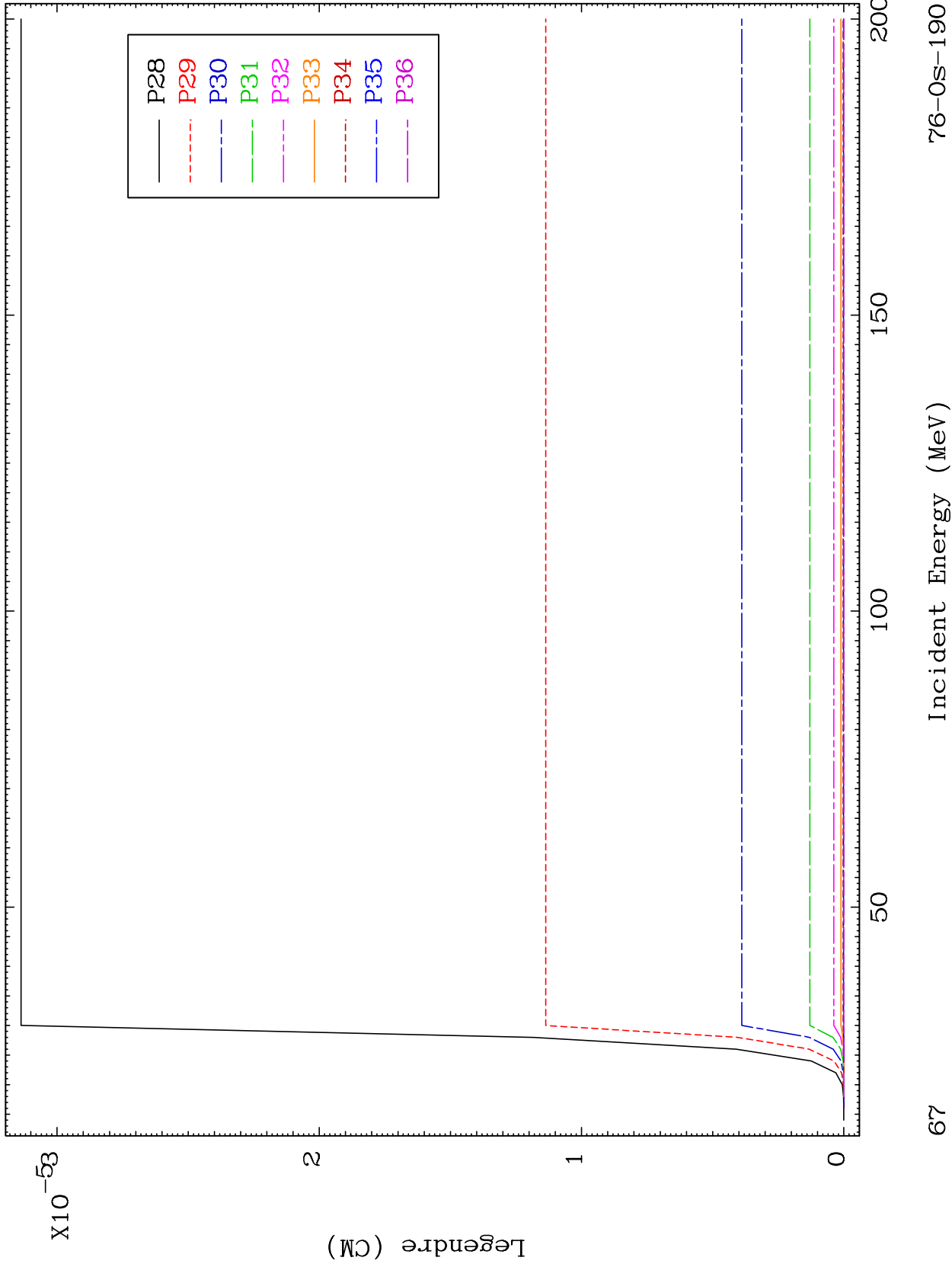
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



67

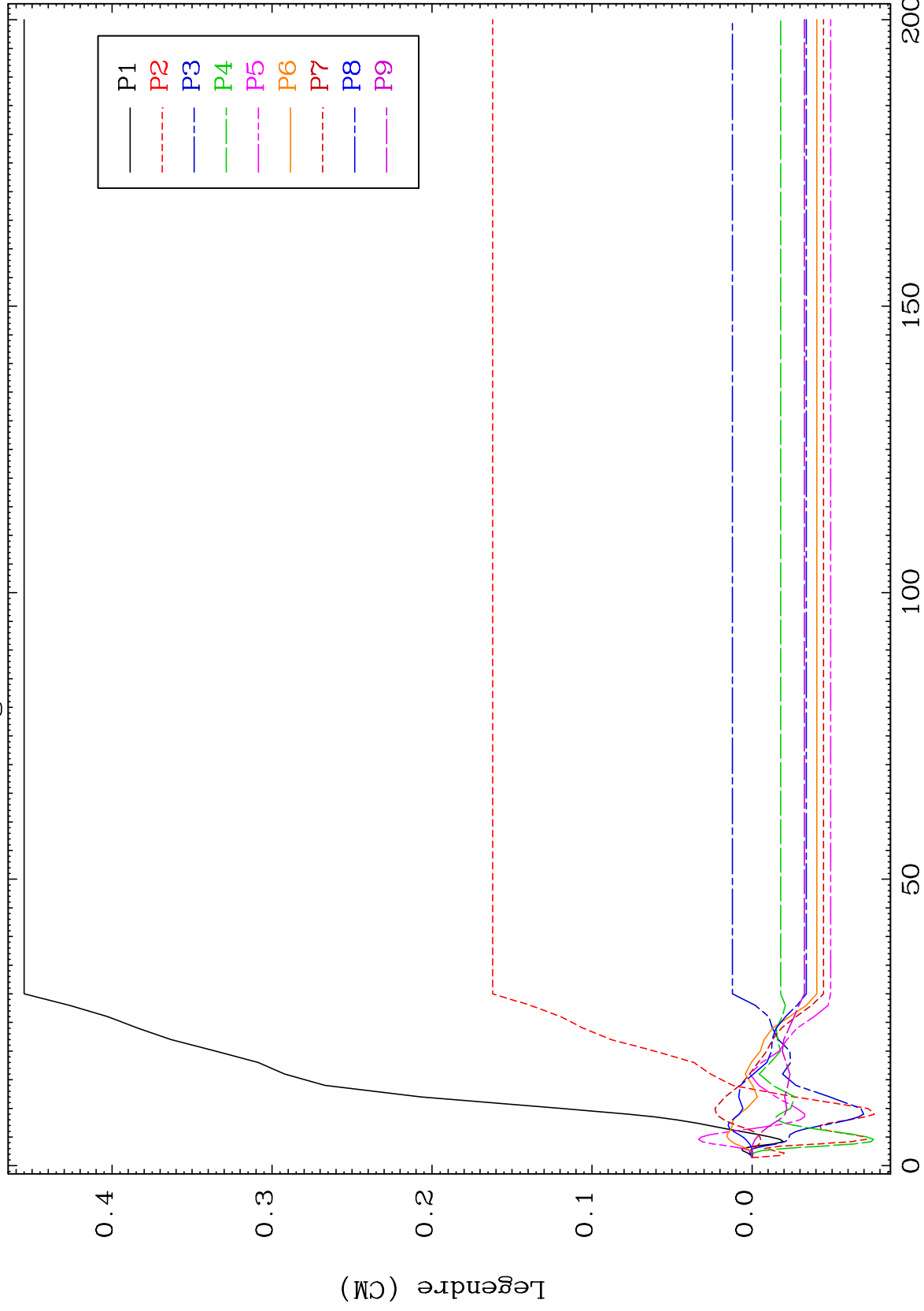
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



76-Os-190

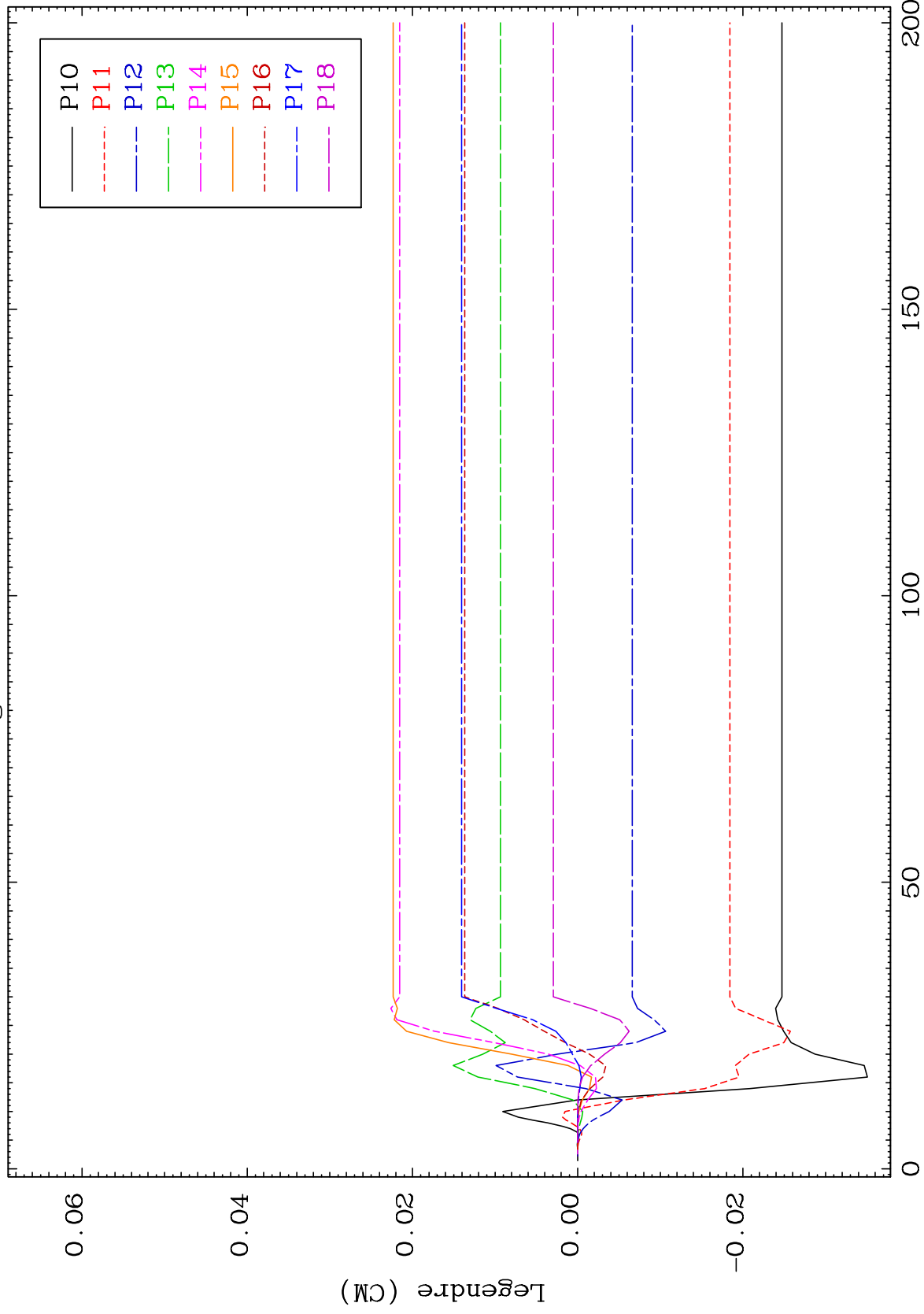
Incident Energy (MeV)

68

MAT 7643

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

76-Os-190



69

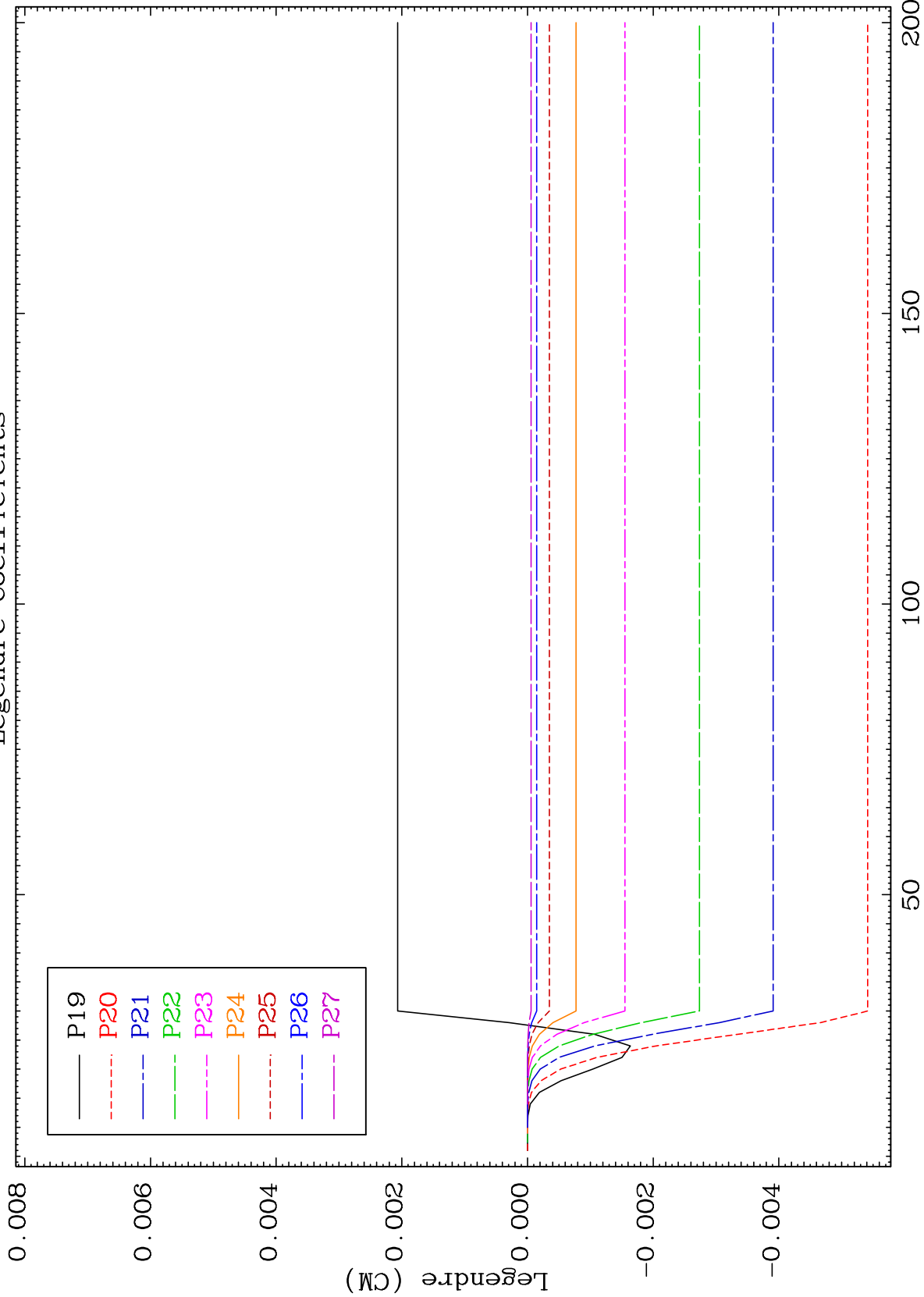
Incident Energy (MeV)

76-Os-190

MAT 7643

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

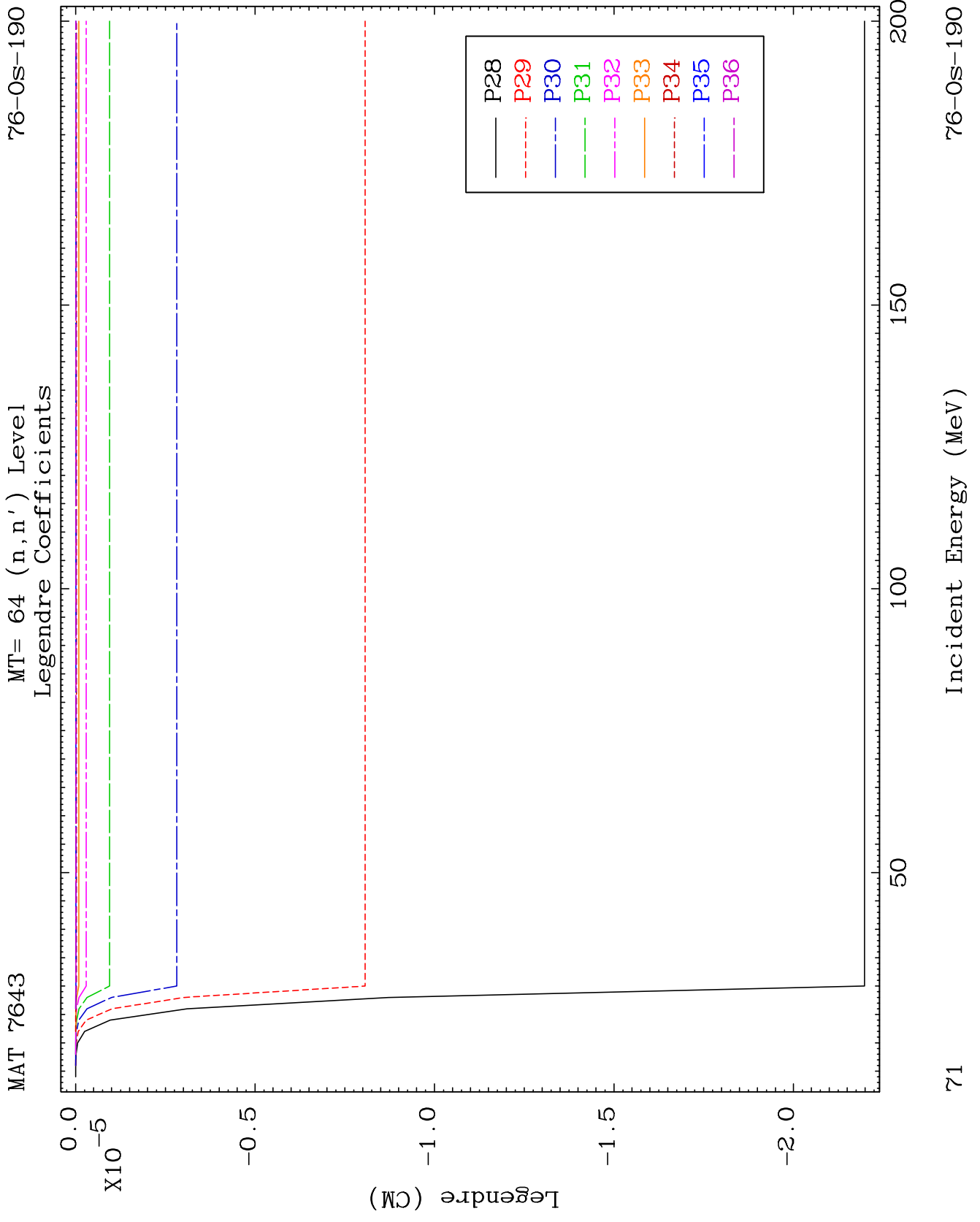
76-0s-190



70

Incident Energy (MeV)

76-0s-190

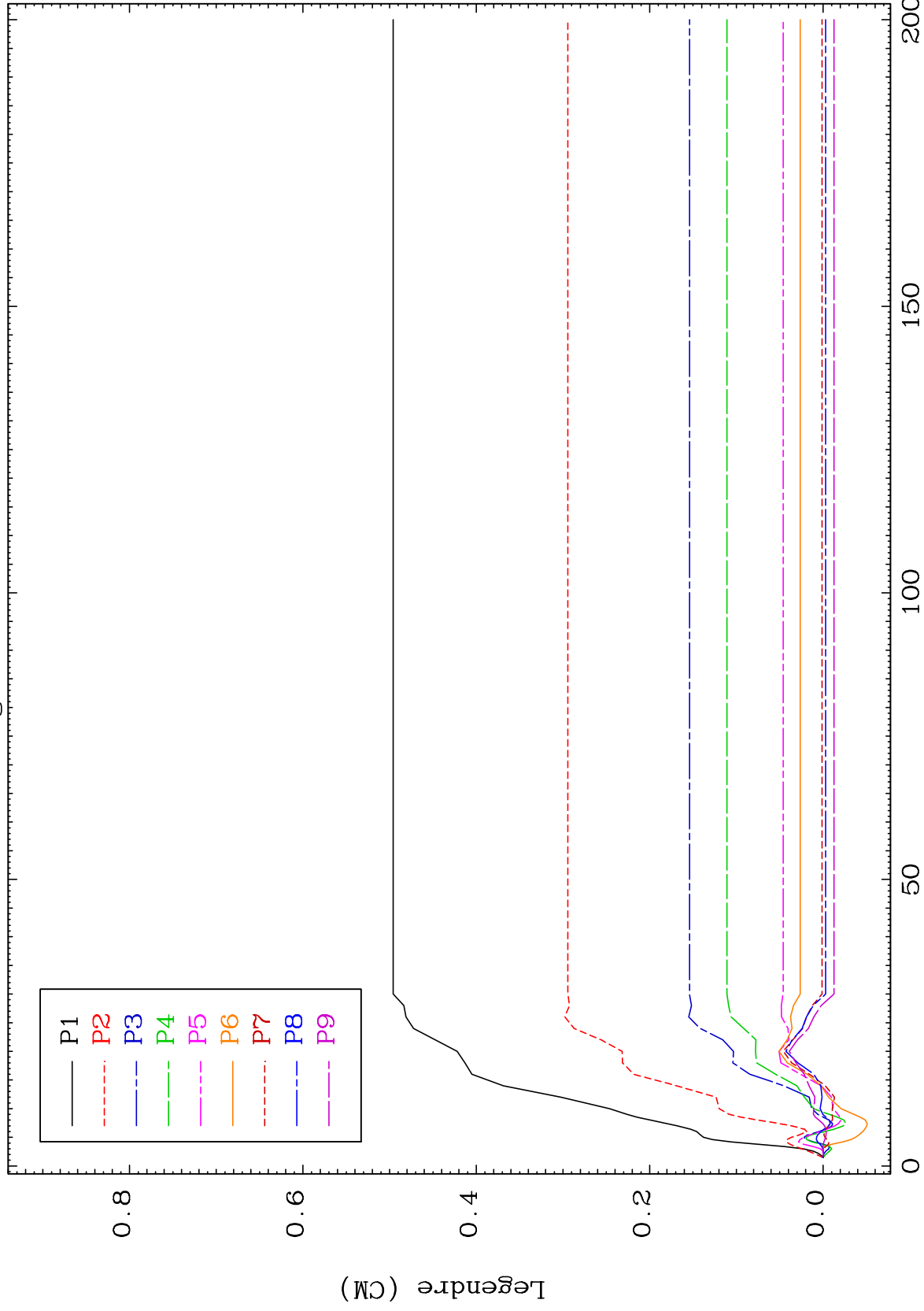




MAT 7643

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

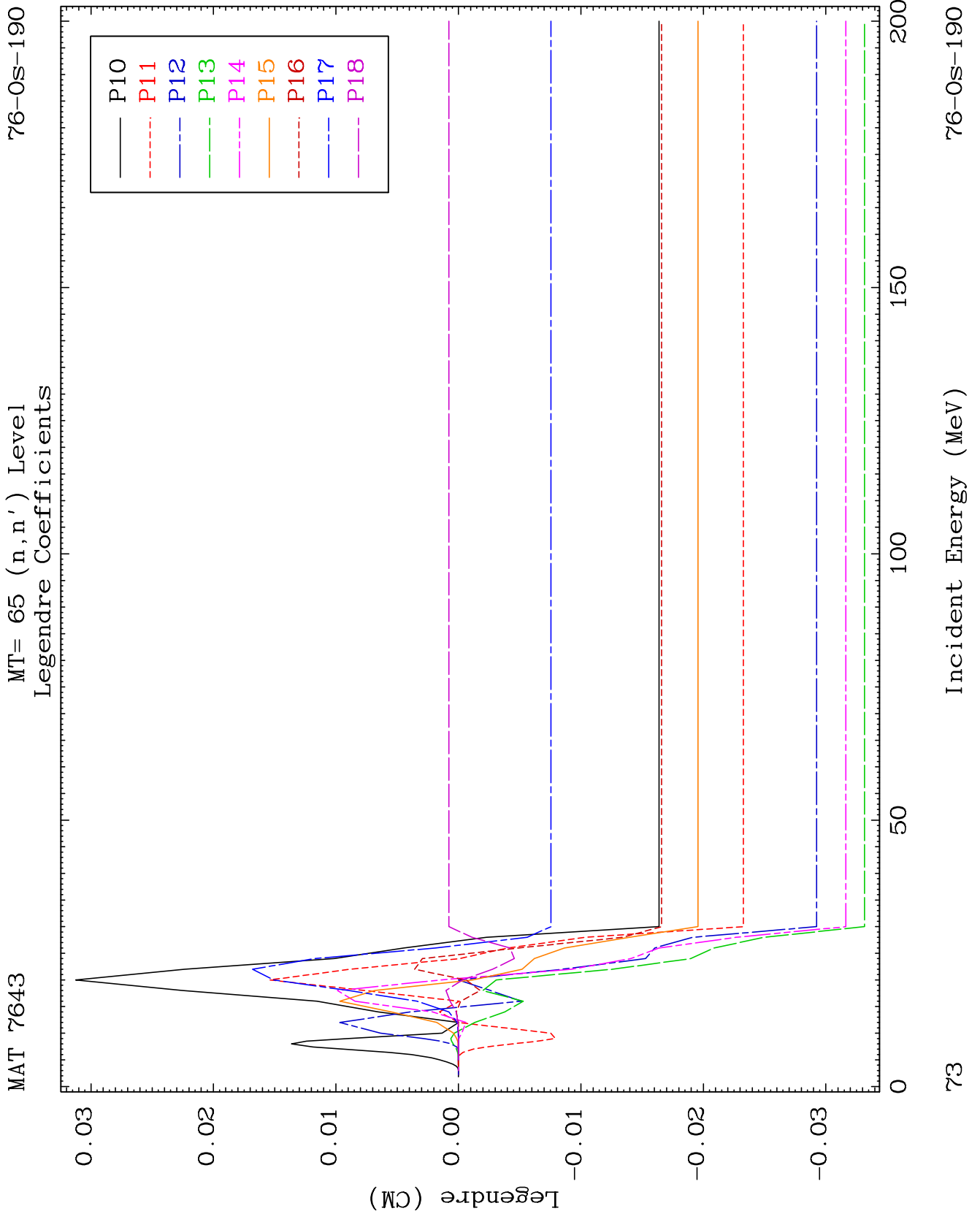
76-0s-190

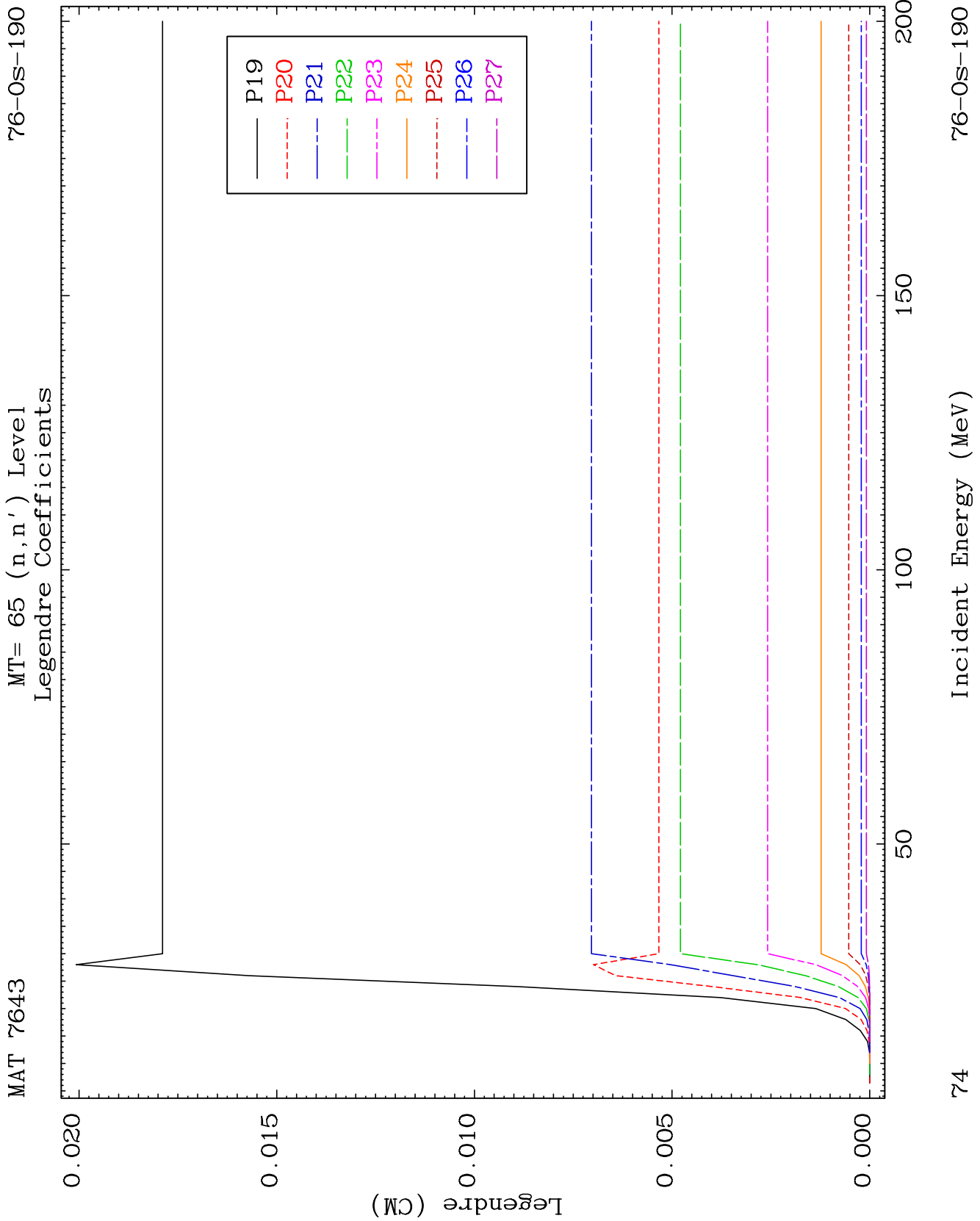


72

Incident Energy (MeV)

76-0s-190

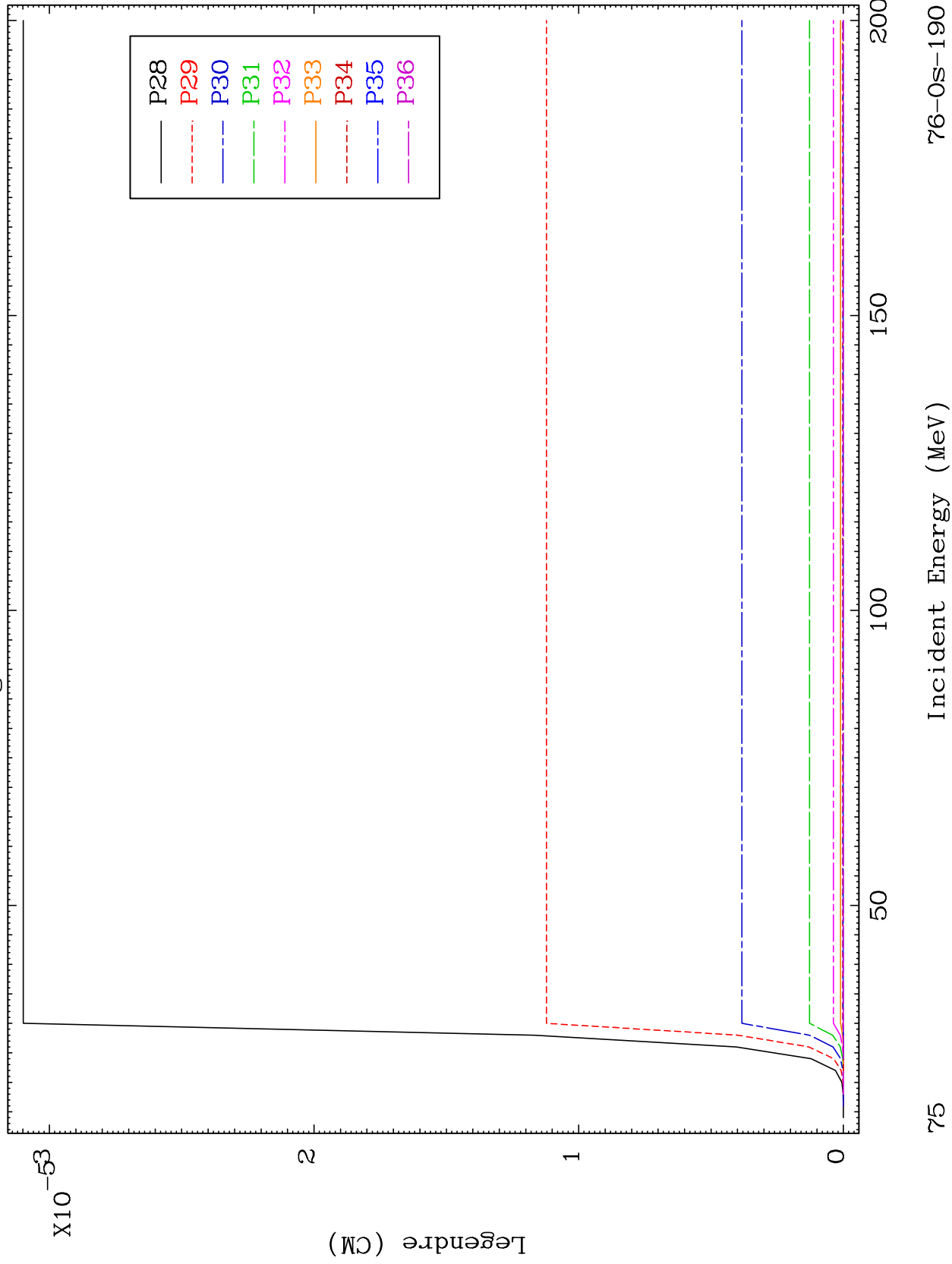




MAT 7643

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

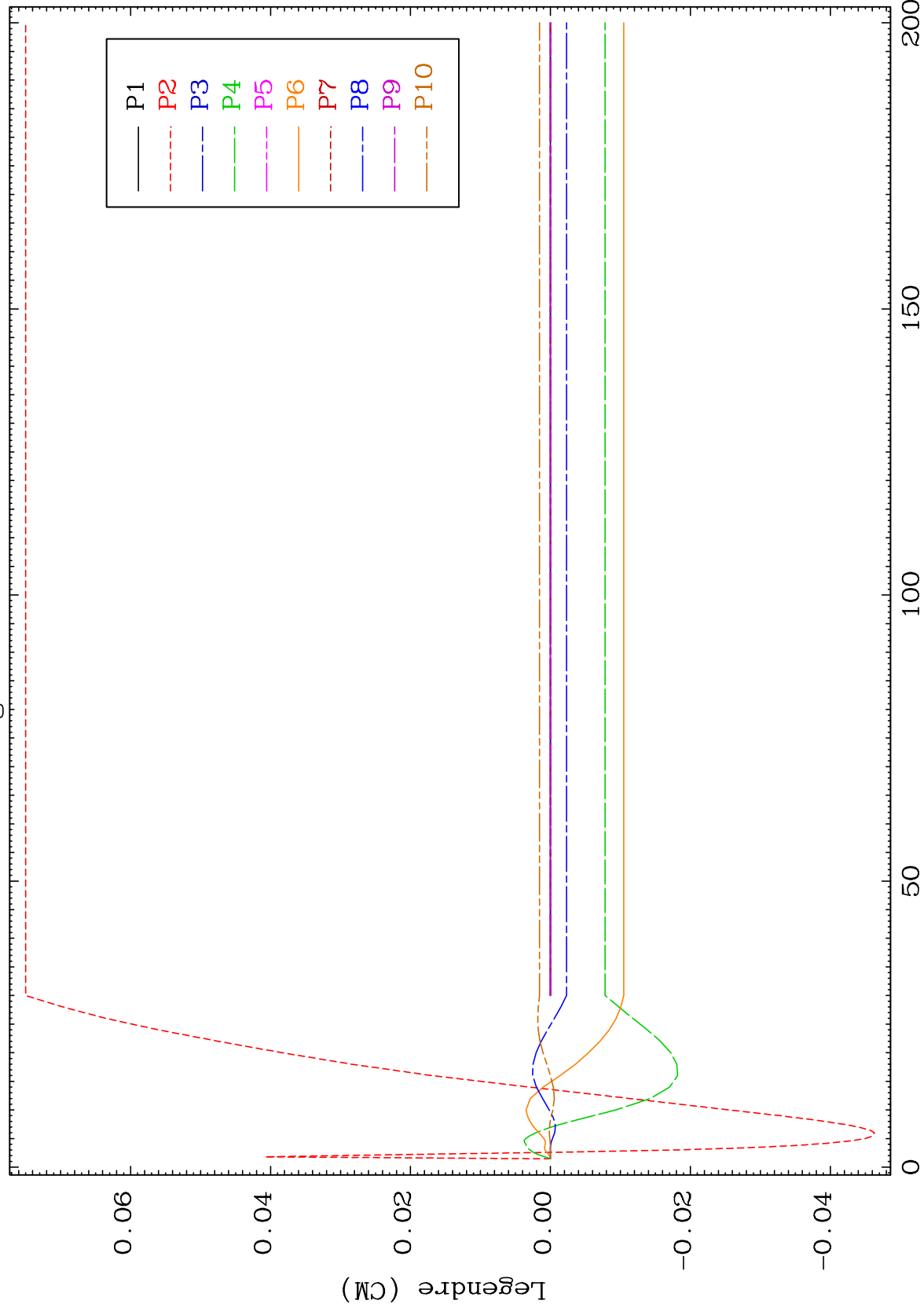
76-0s-190



MAT 7643

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

76-Os-190



76

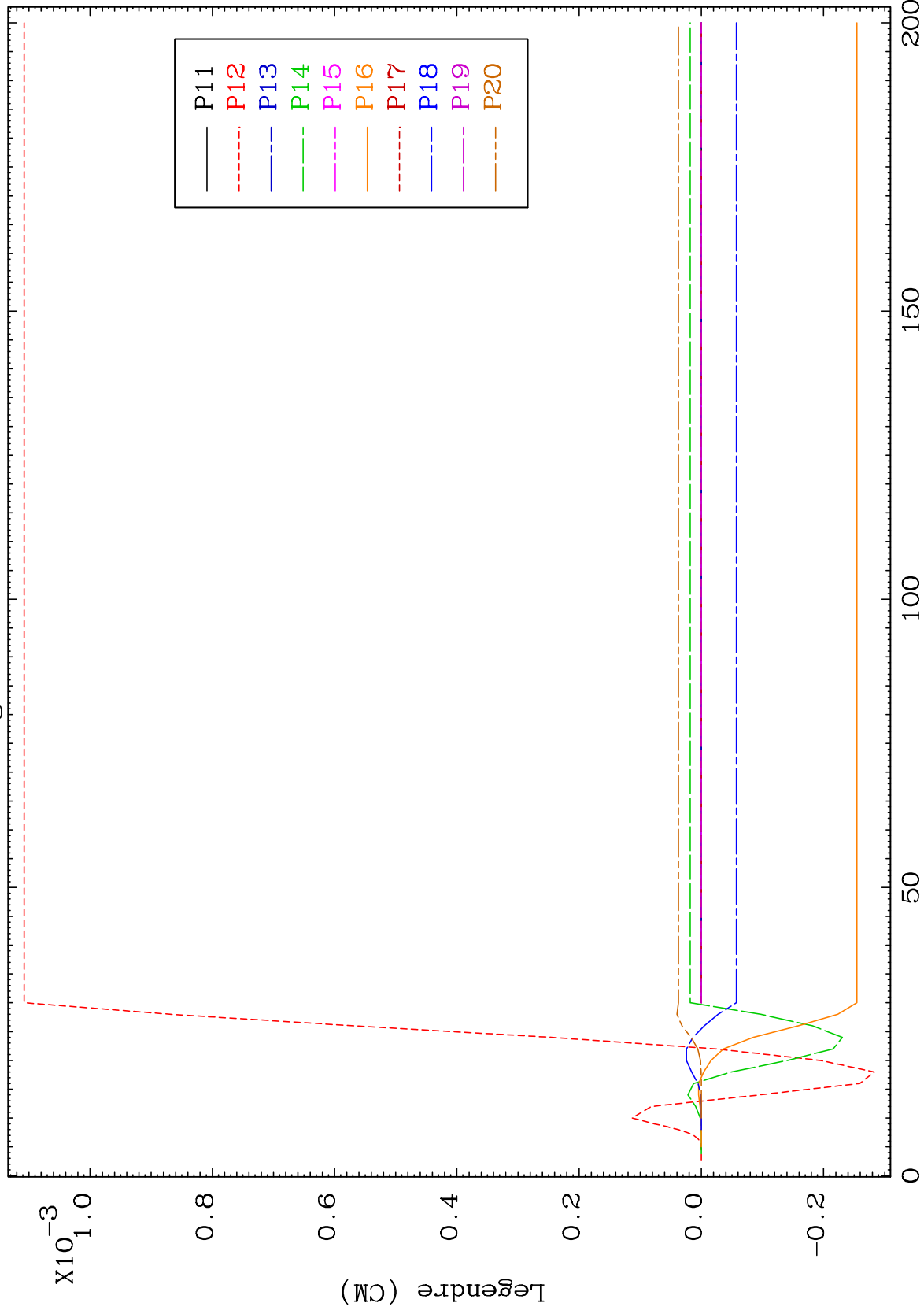
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



77

Incident Energy (MeV)

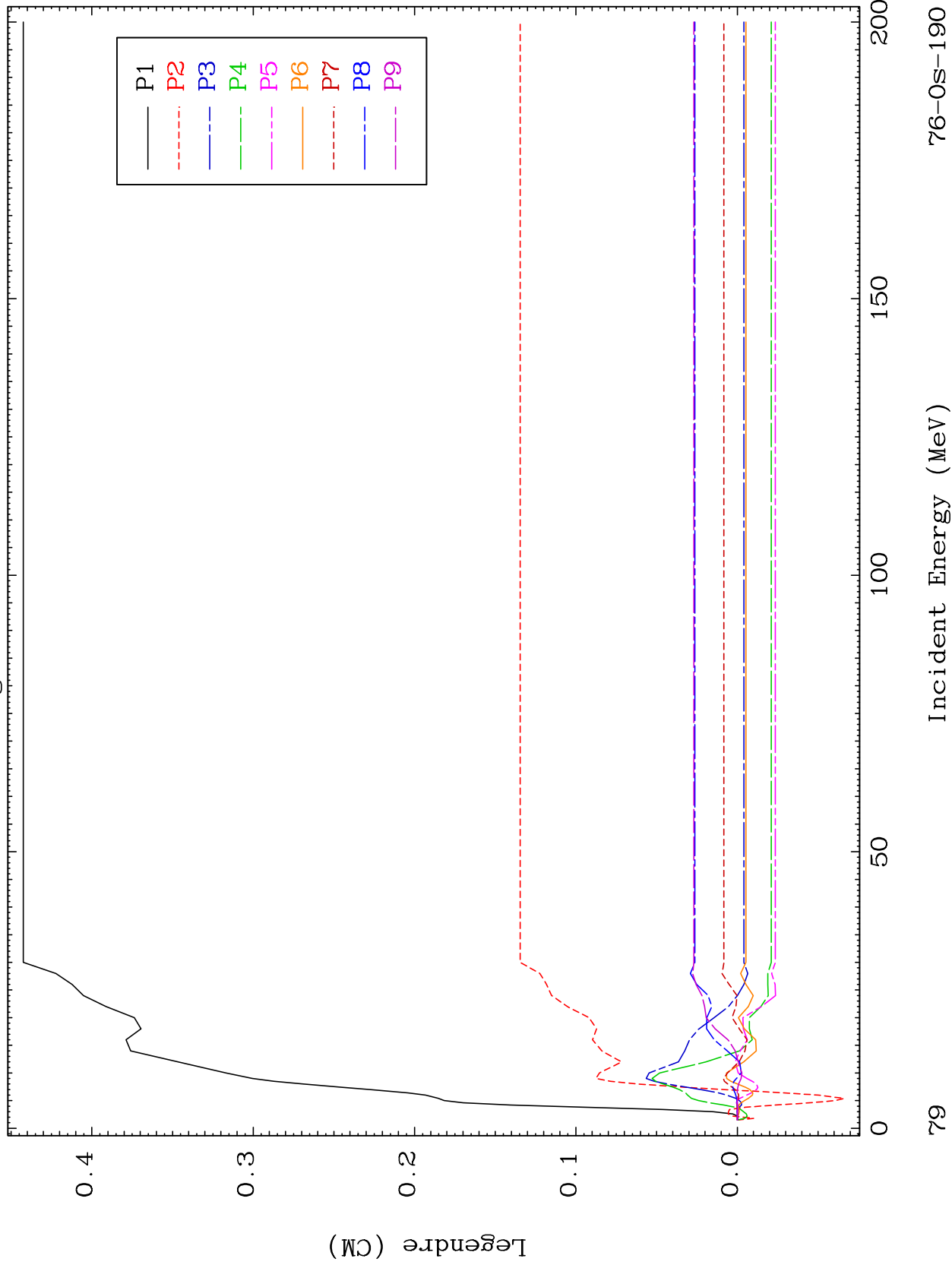
76-Os-190



MAT 7643

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

76-Os-190



76-Os-190

Incident Energy (MeV)

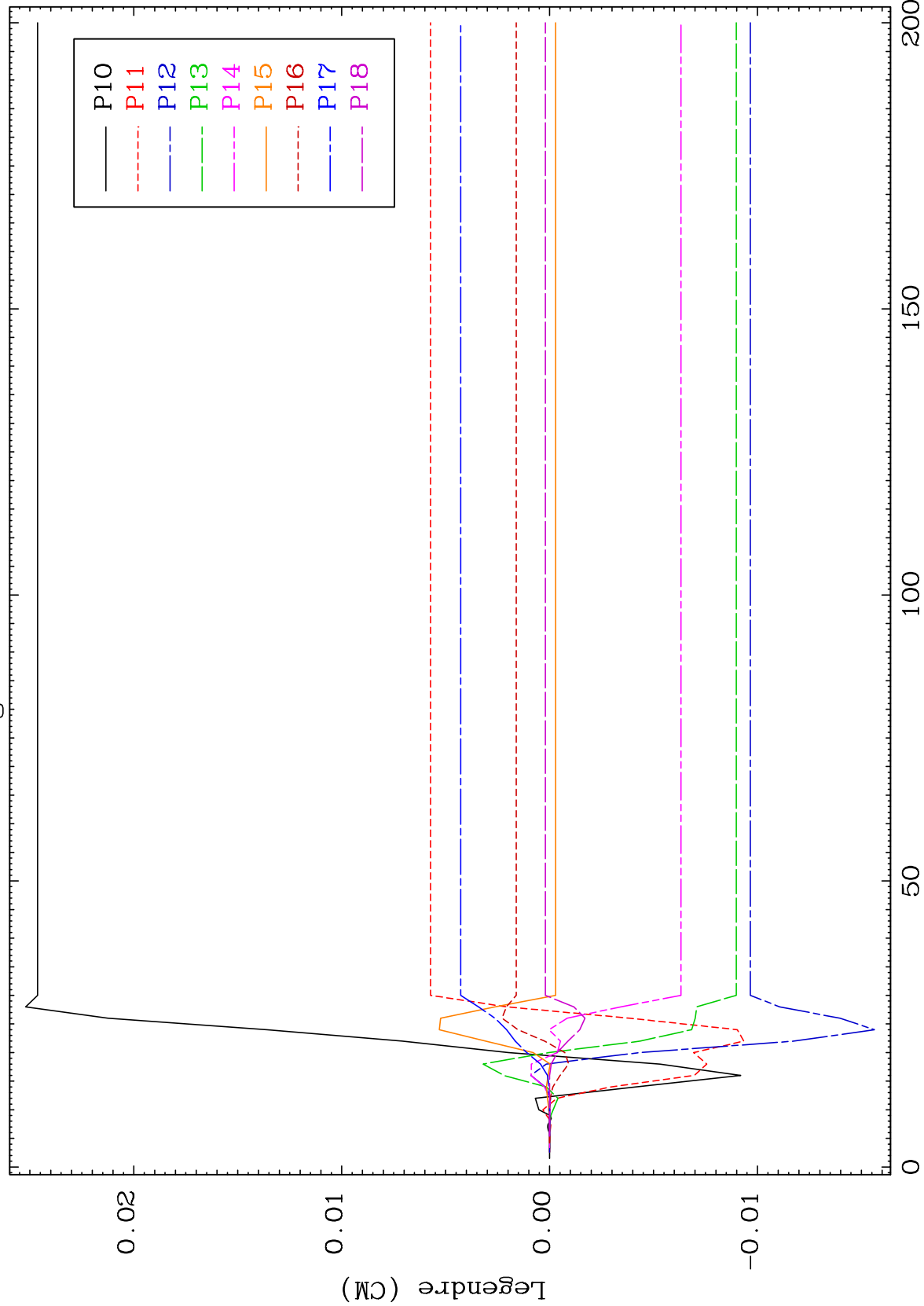
79



MAT 7643

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

76-Os-190



76-Os-190

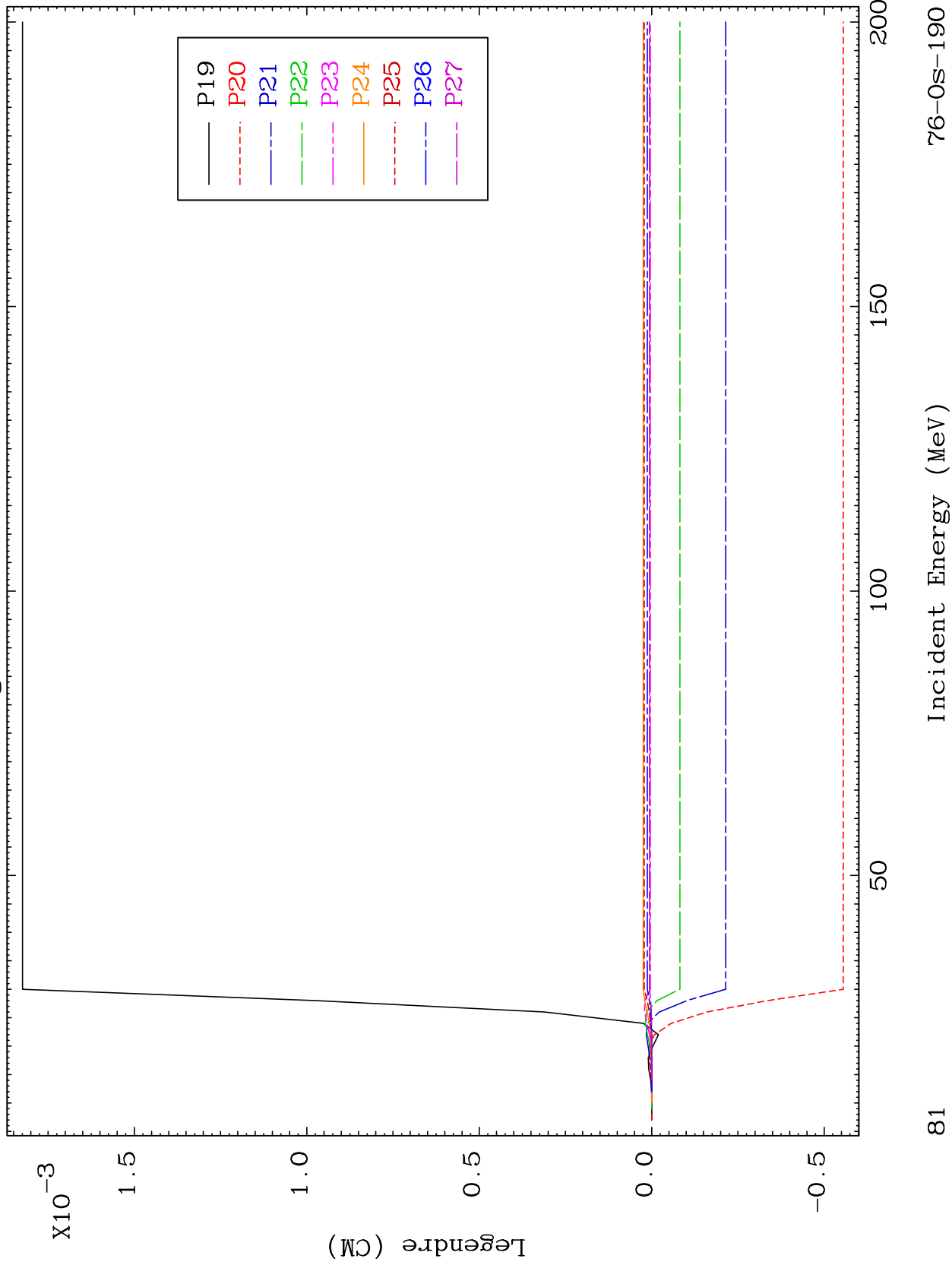
Incident Energy (MeV)

80

MAT 7643

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

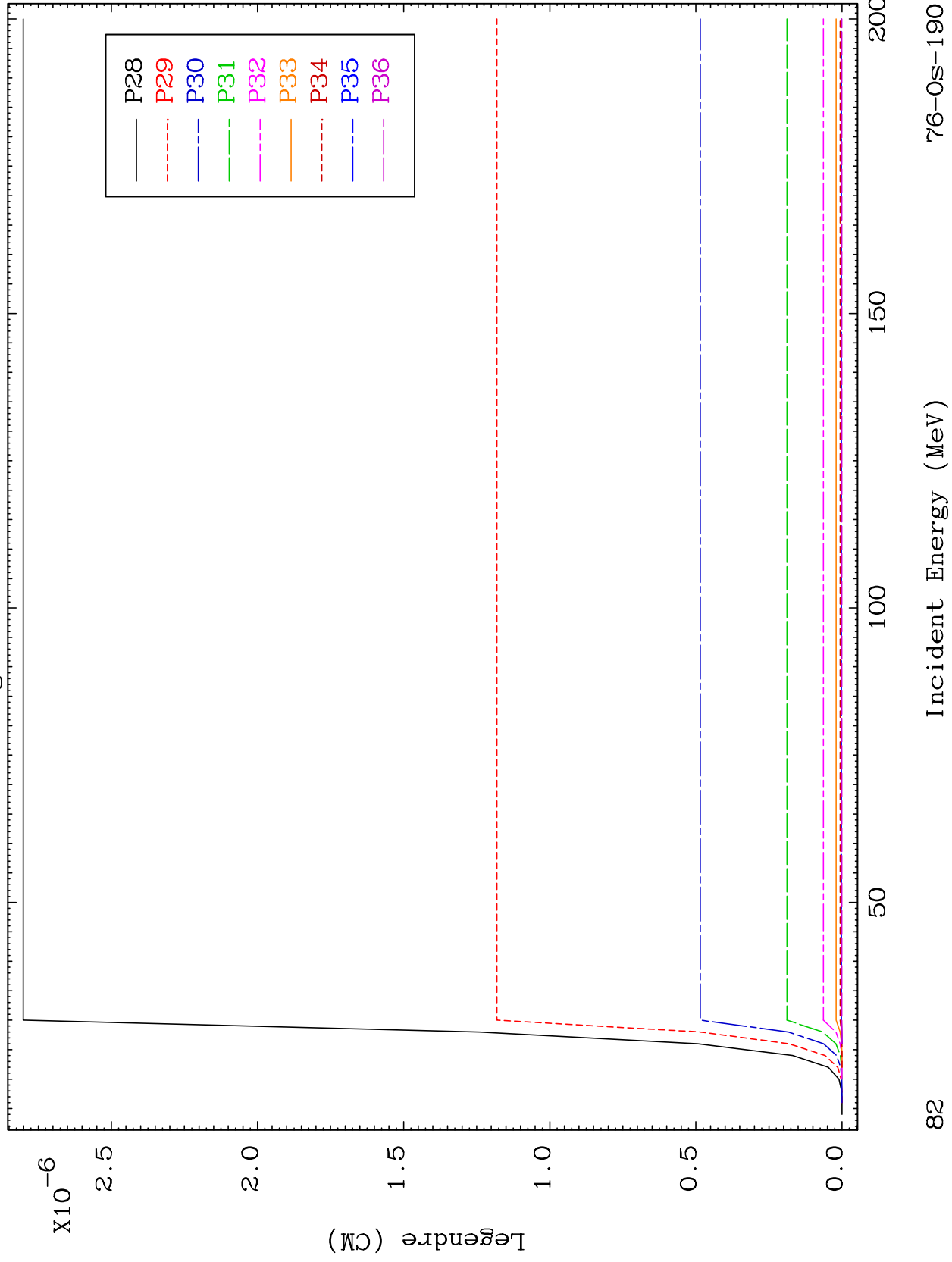
76-Os-190



MAT 7643

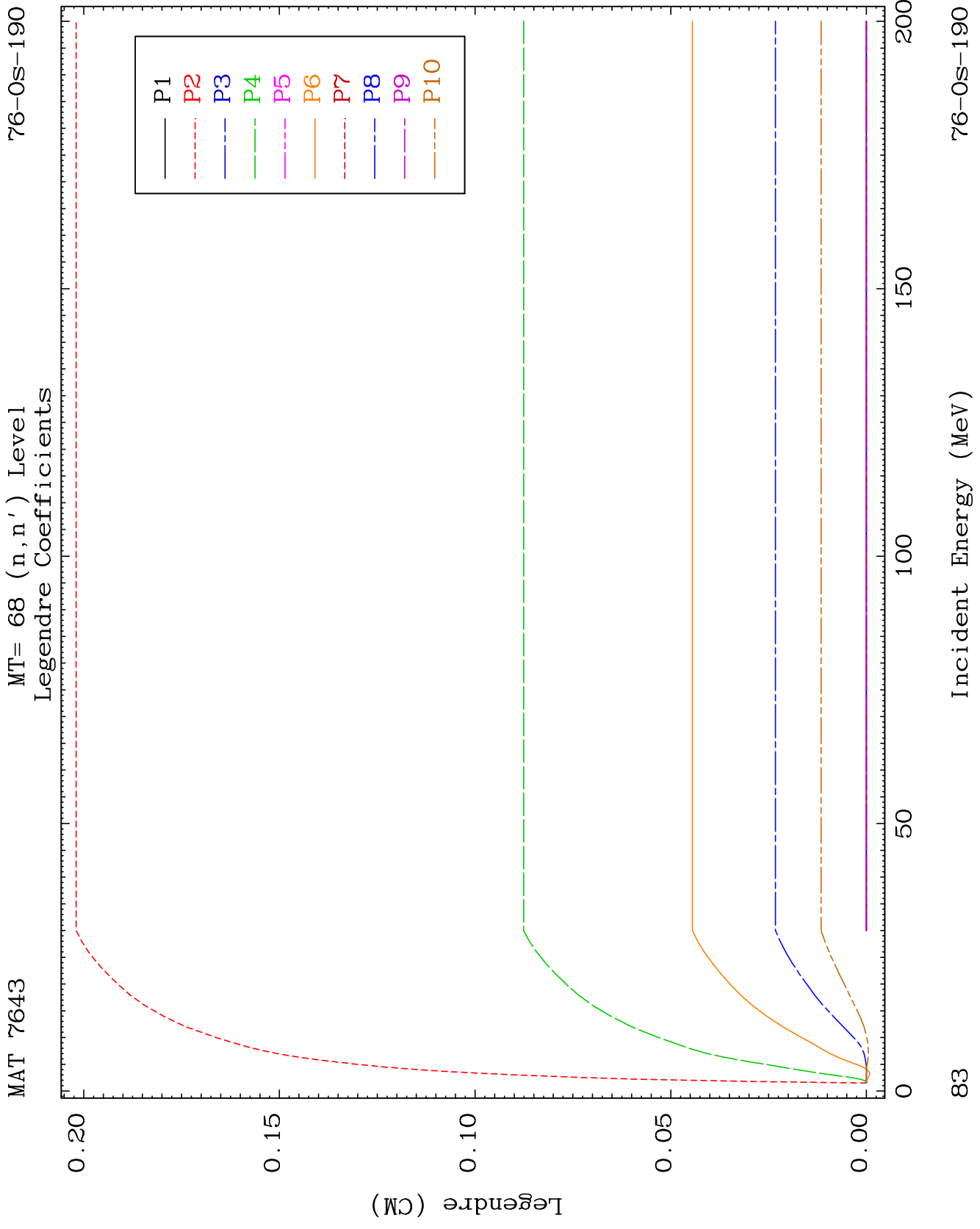
MT= 67 (n,n') Level  
Legendre Coefficients

76-Os-190



82

76-Os-190



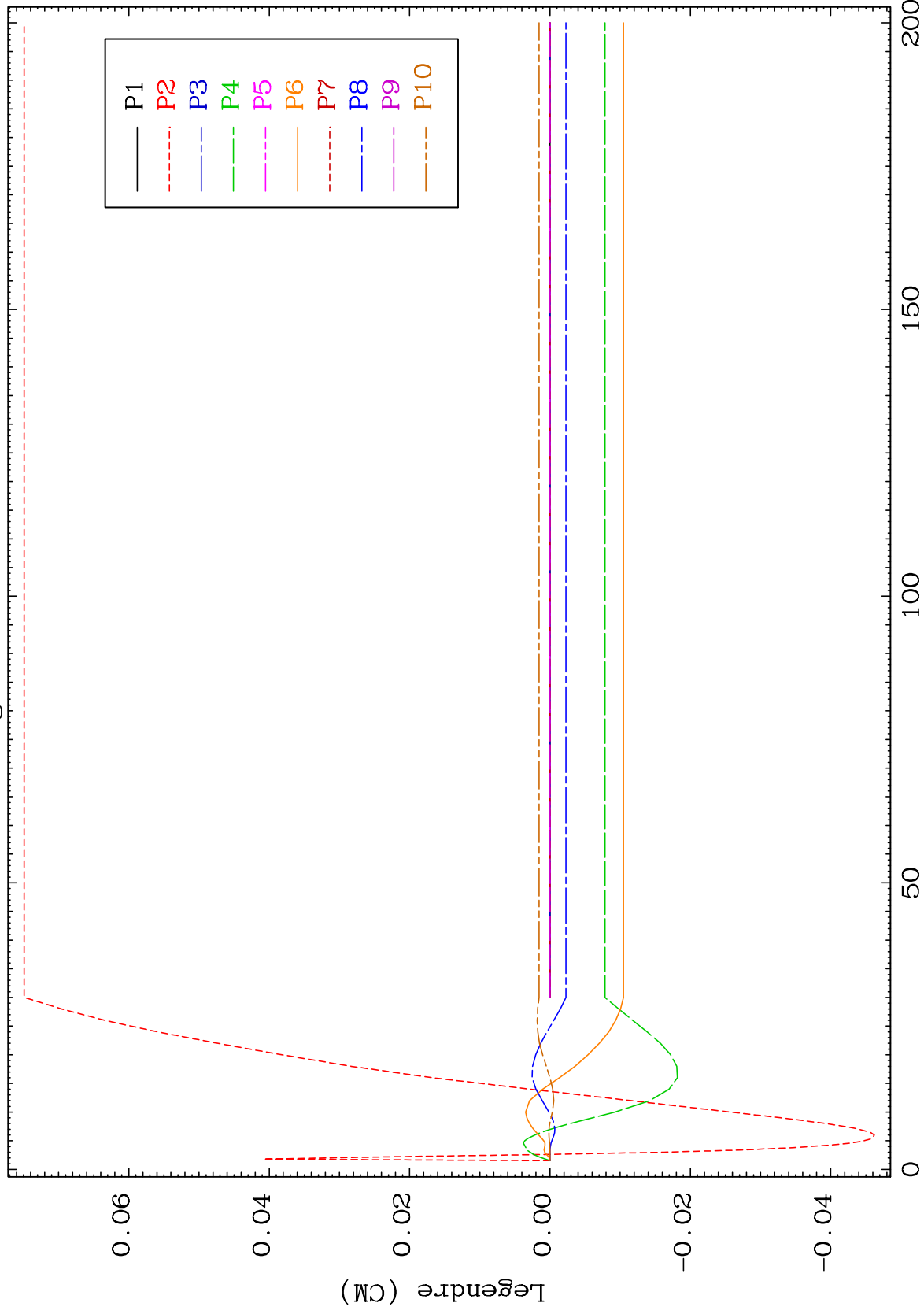




MAT 7643

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

76-Os-190



86

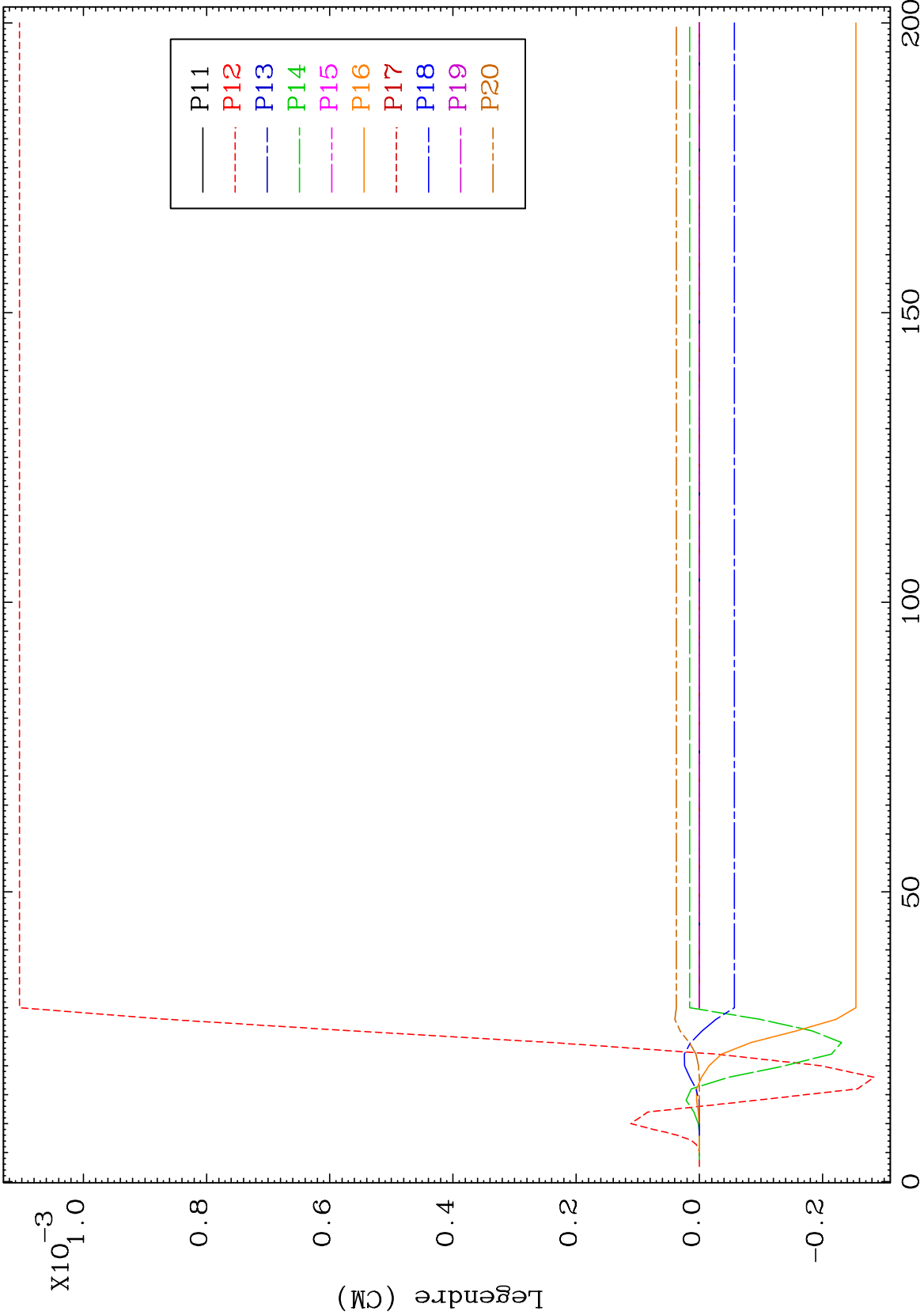
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190

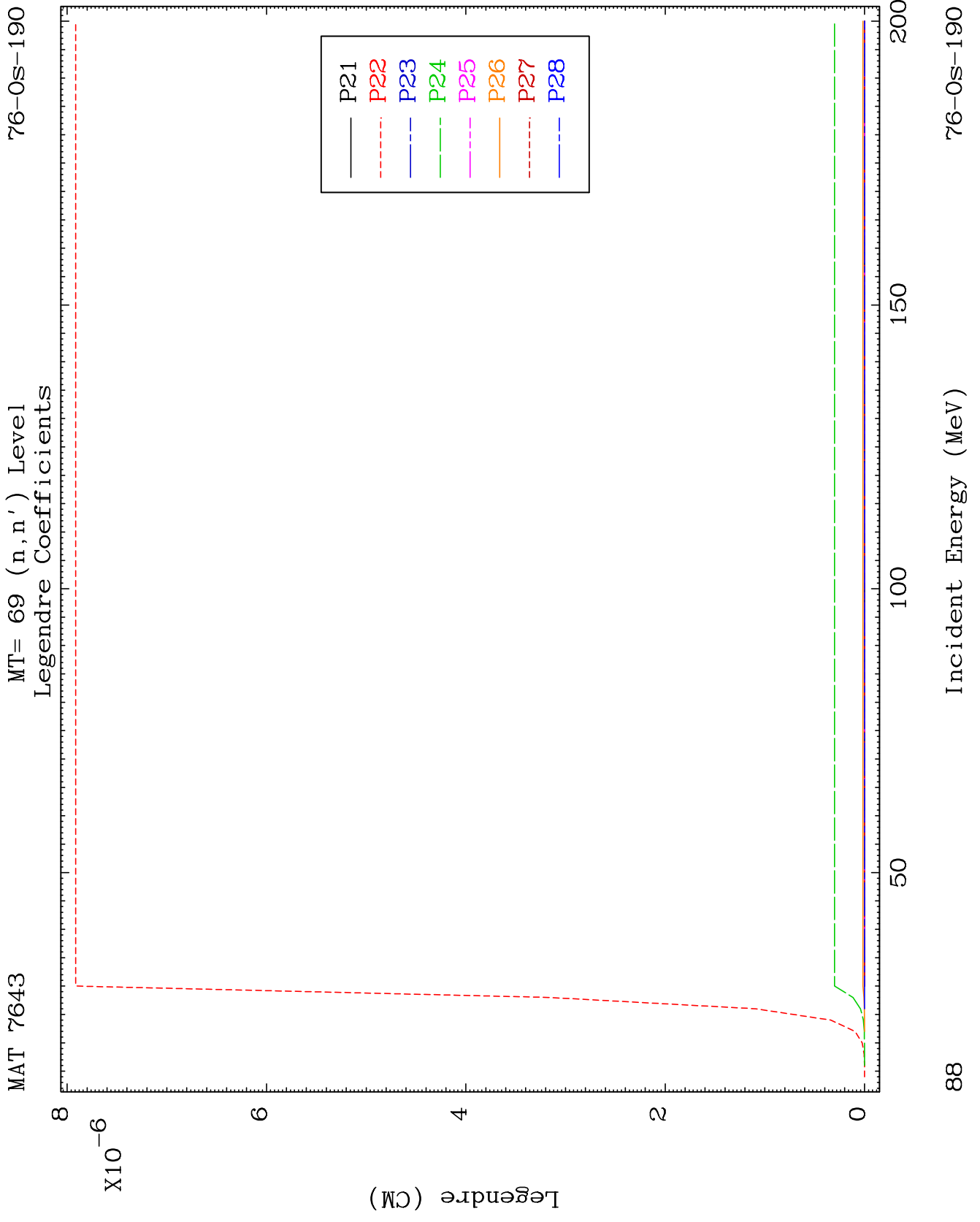


87

Incident Energy (MeV)

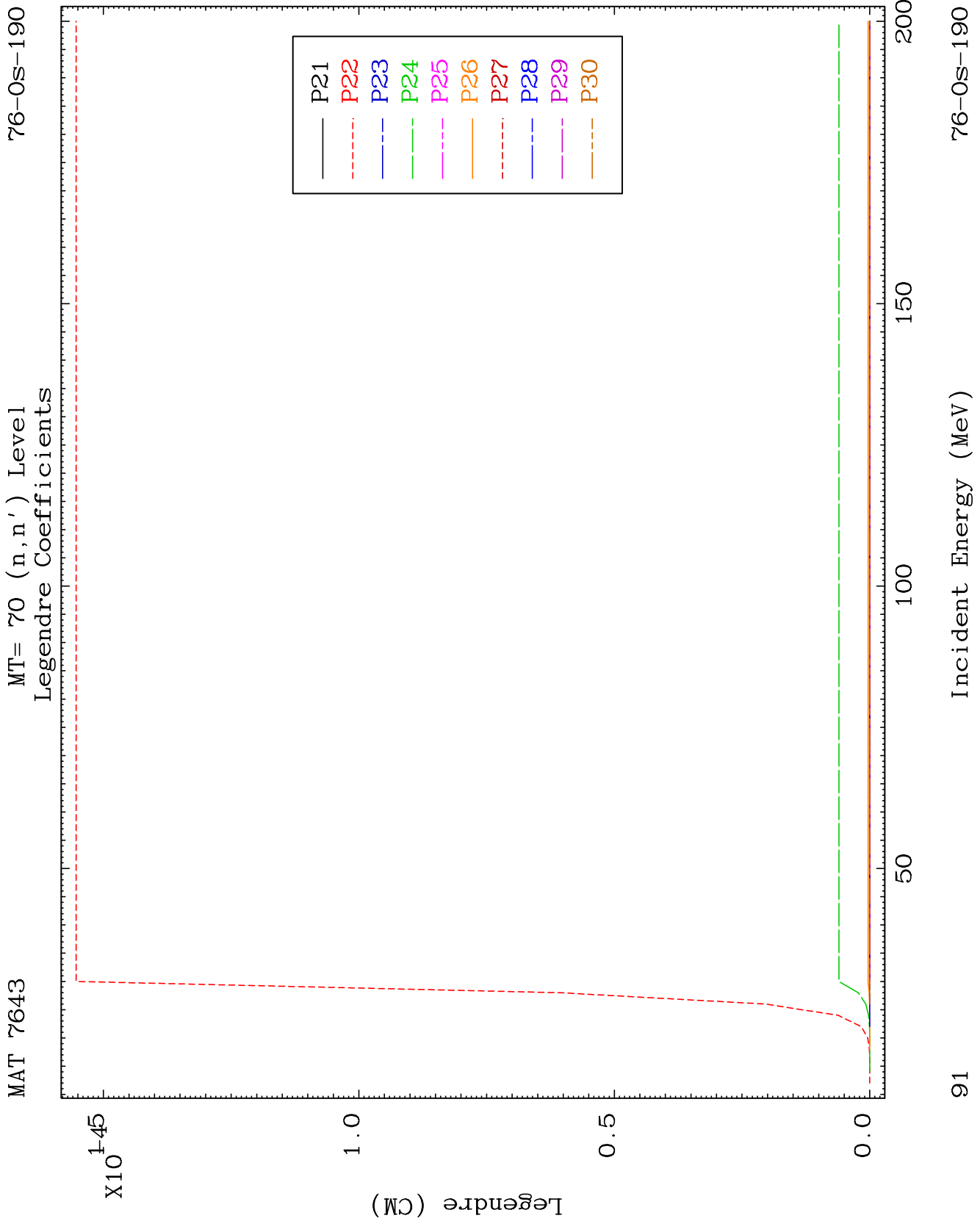
76-Os-190

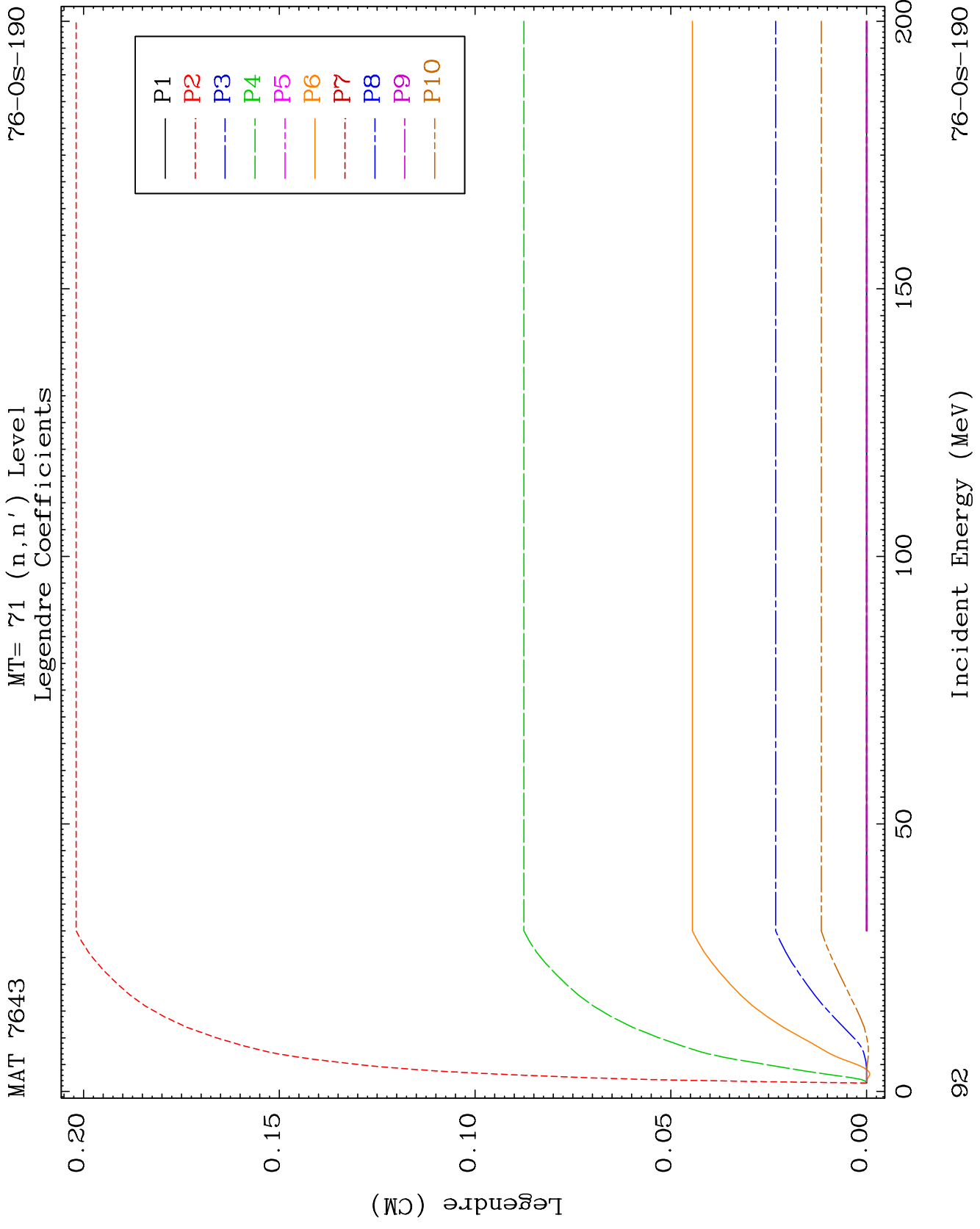


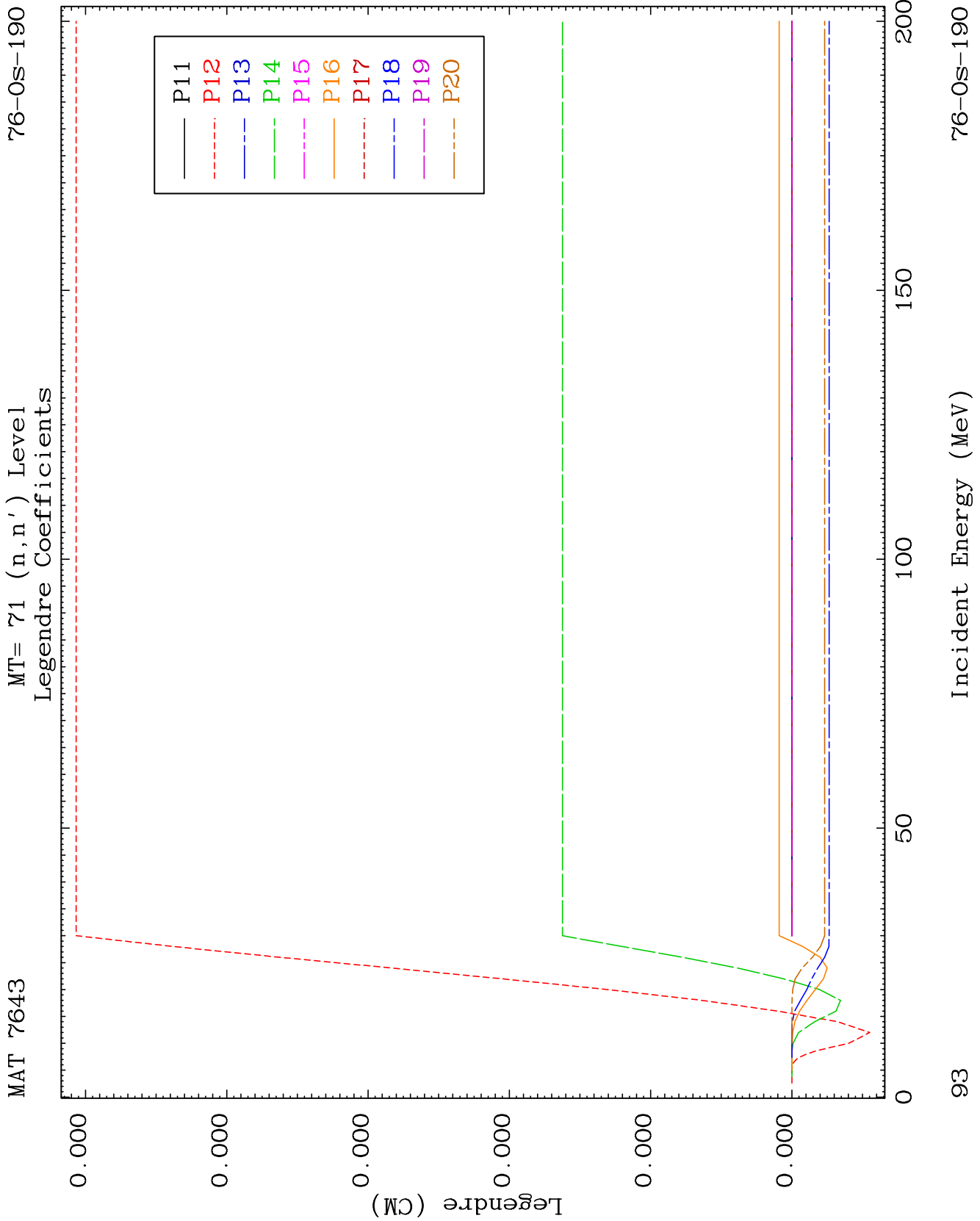


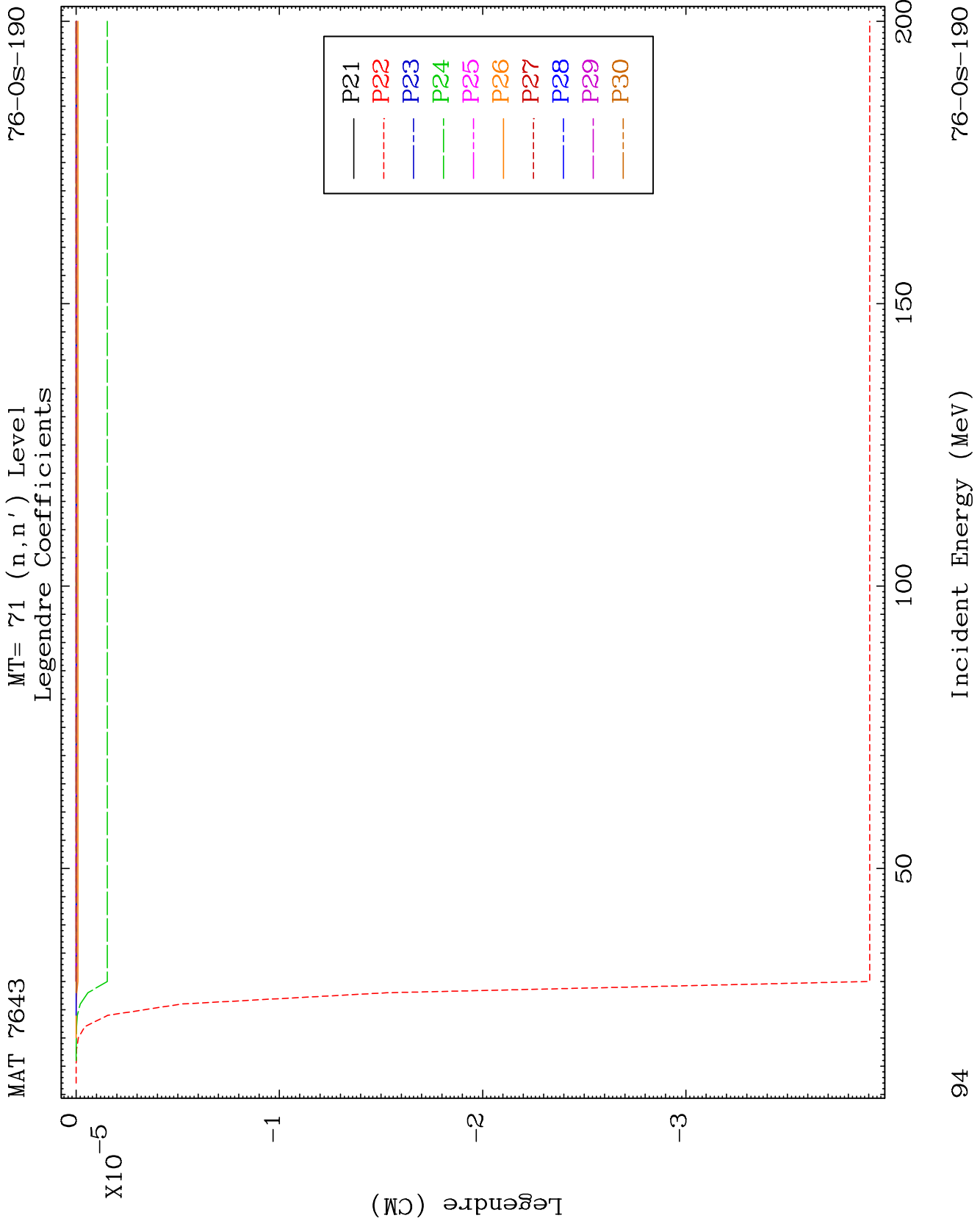


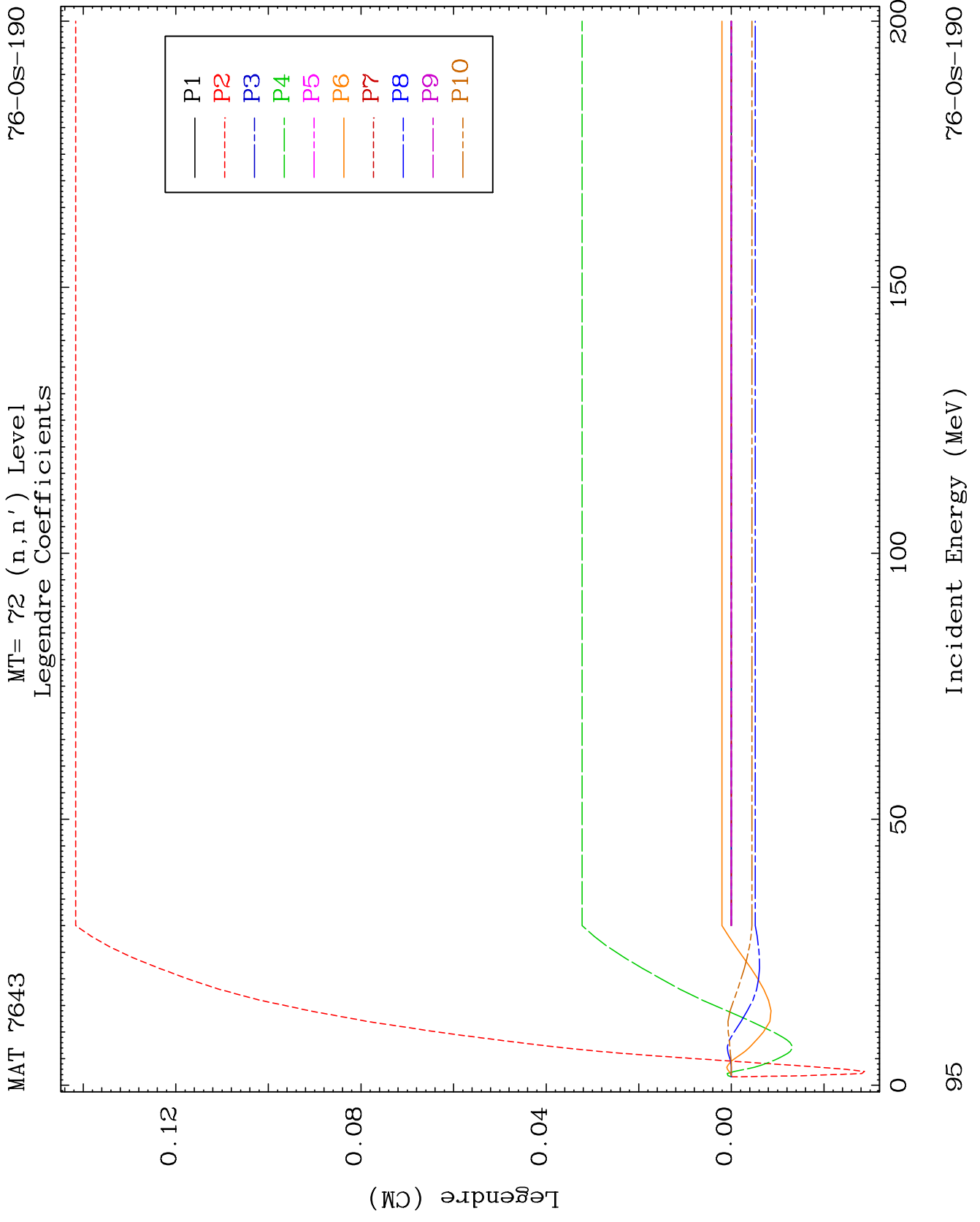










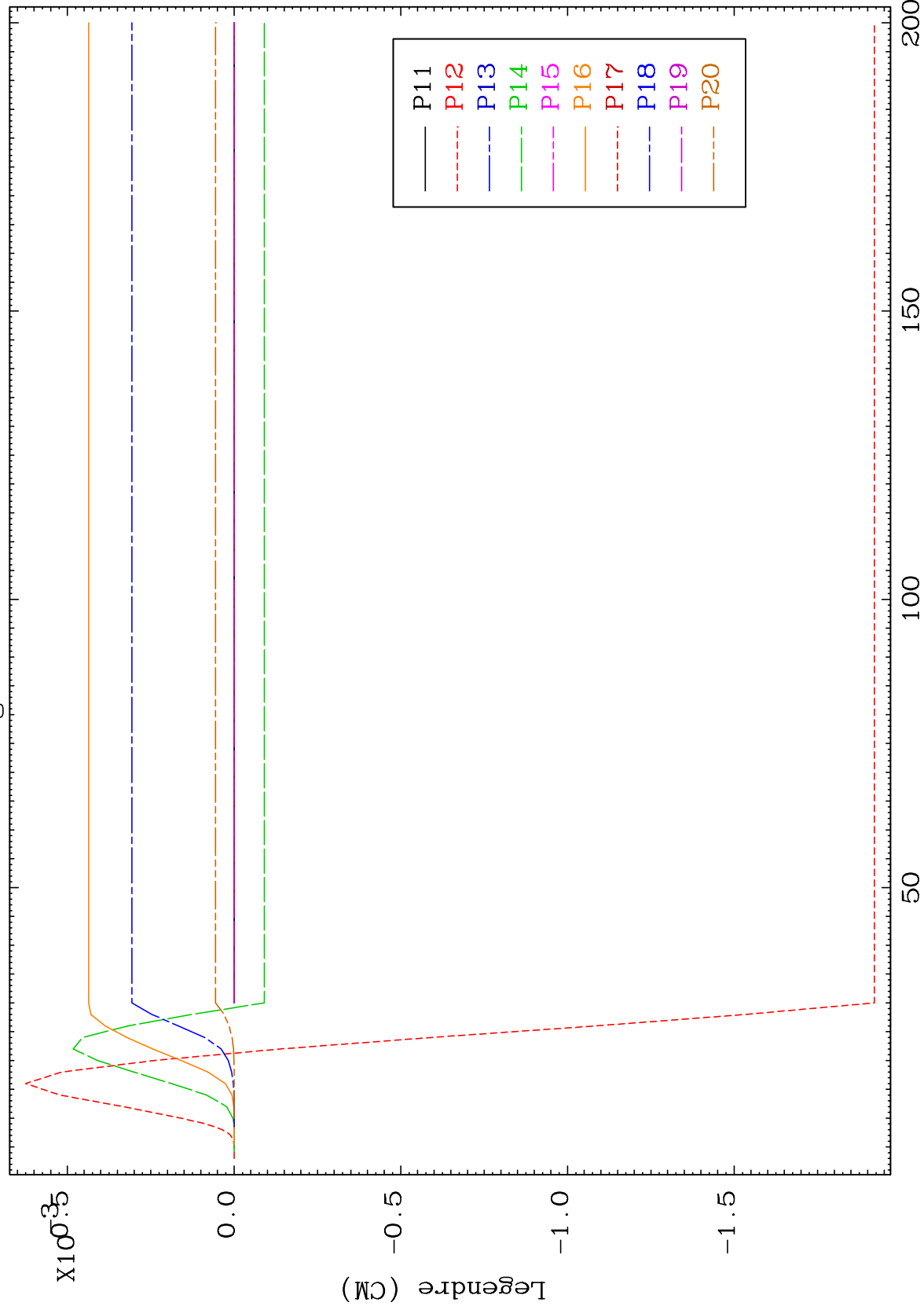




MAT 7643

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

76-0s-190



96

Incident Energy (MeV)

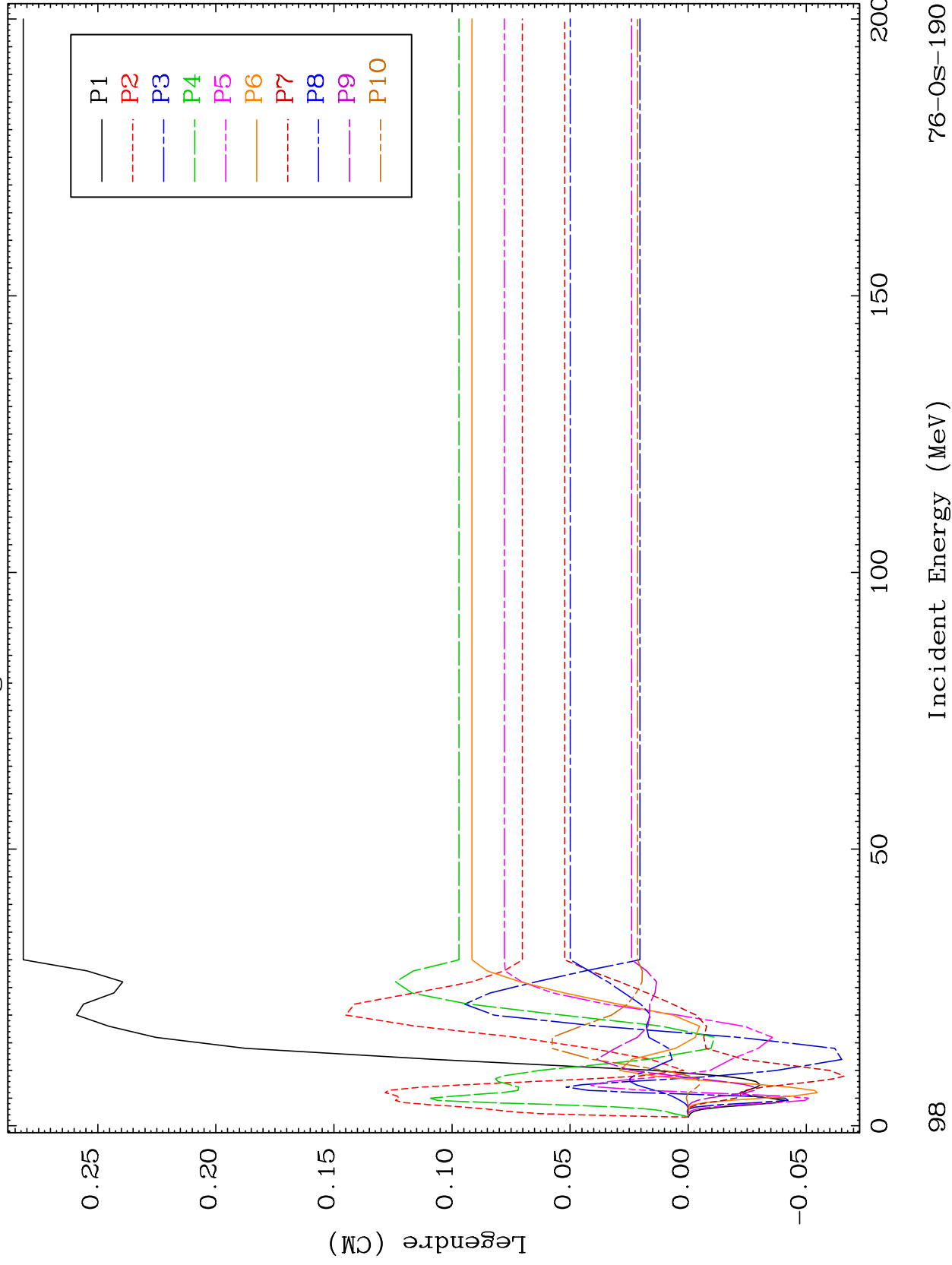
76-0s-190



MAT 7643

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

76-Os-190



76-Os-190

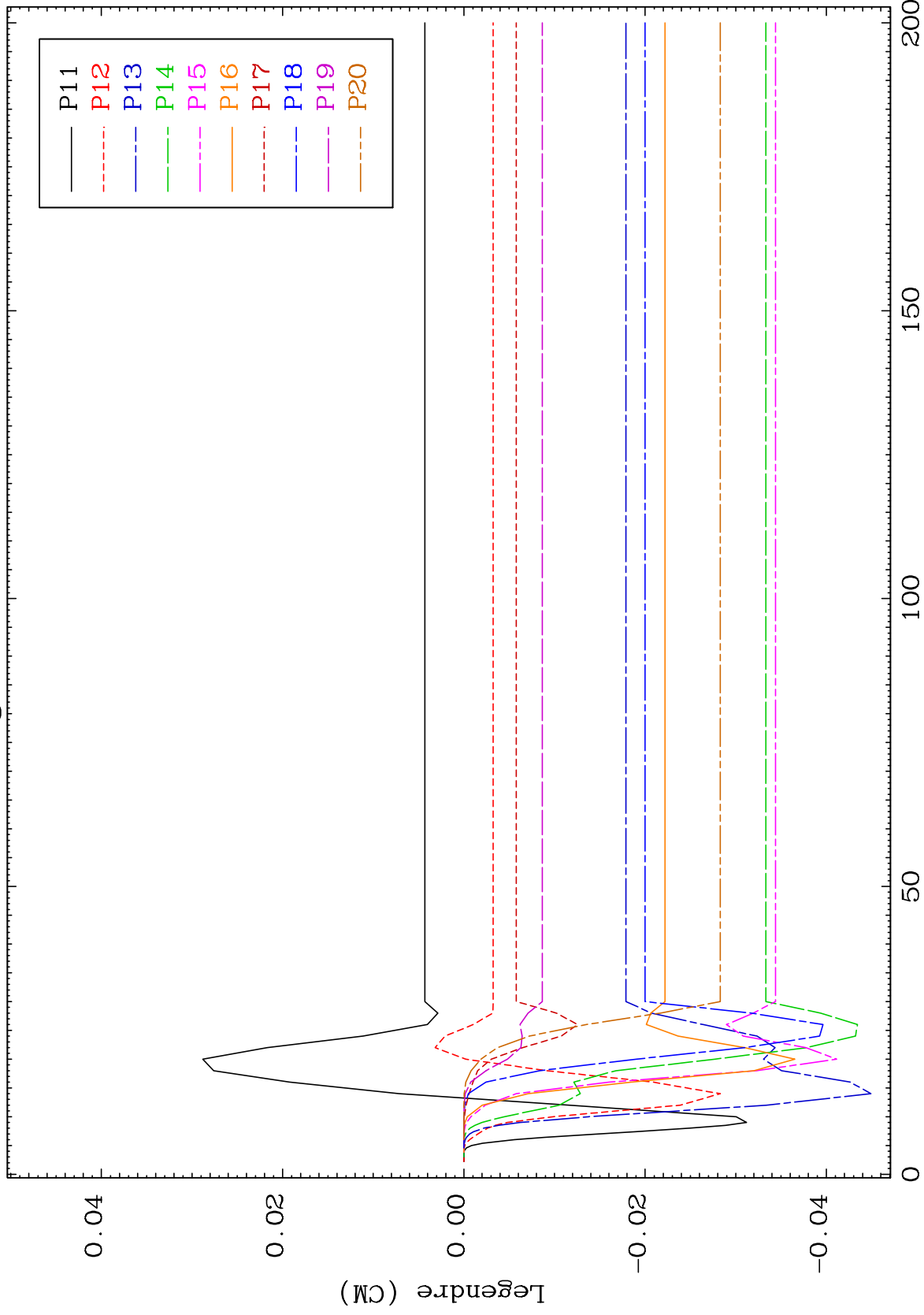
Incident Energy (MeV)

98

MAT 7643

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

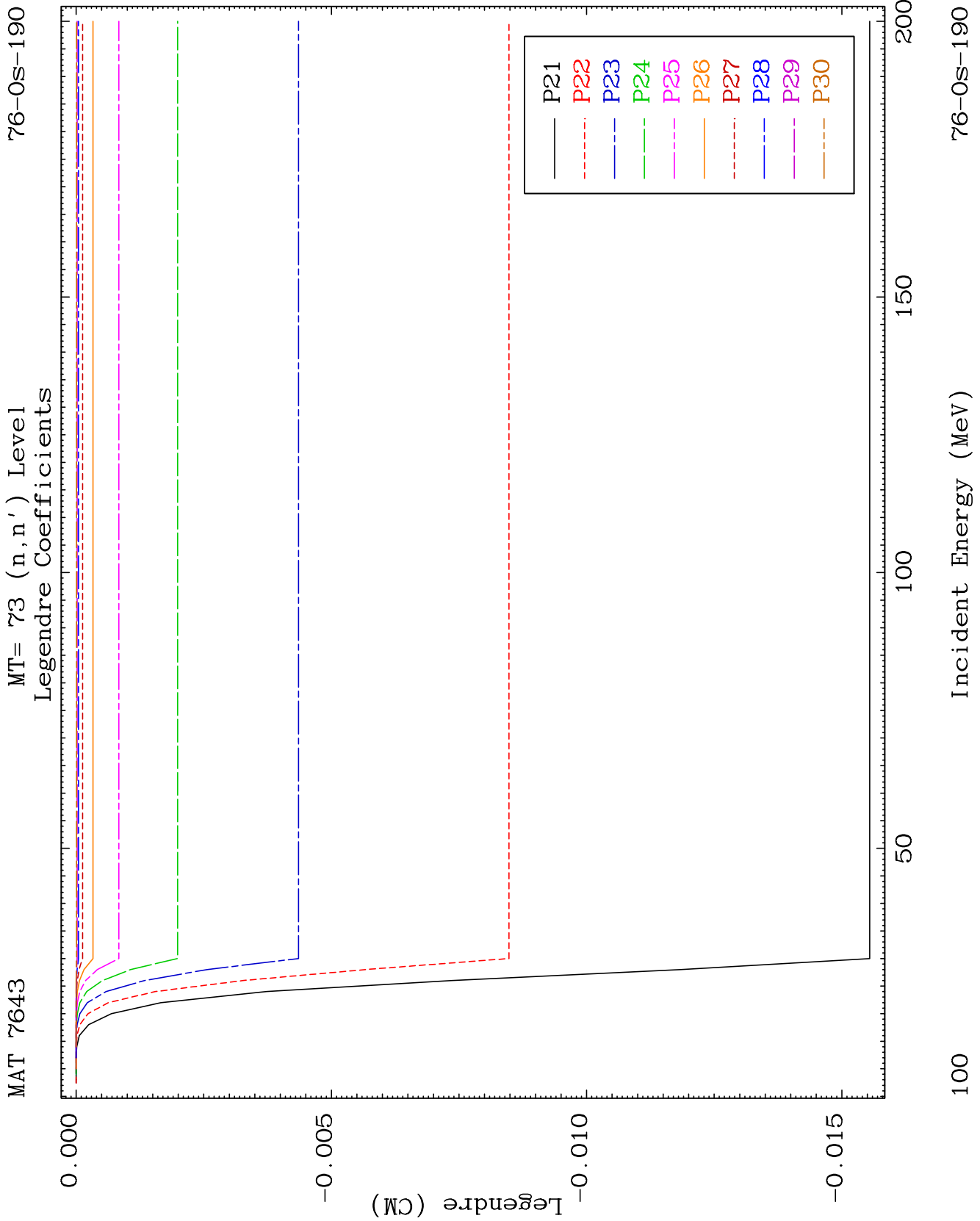
76-Os-190

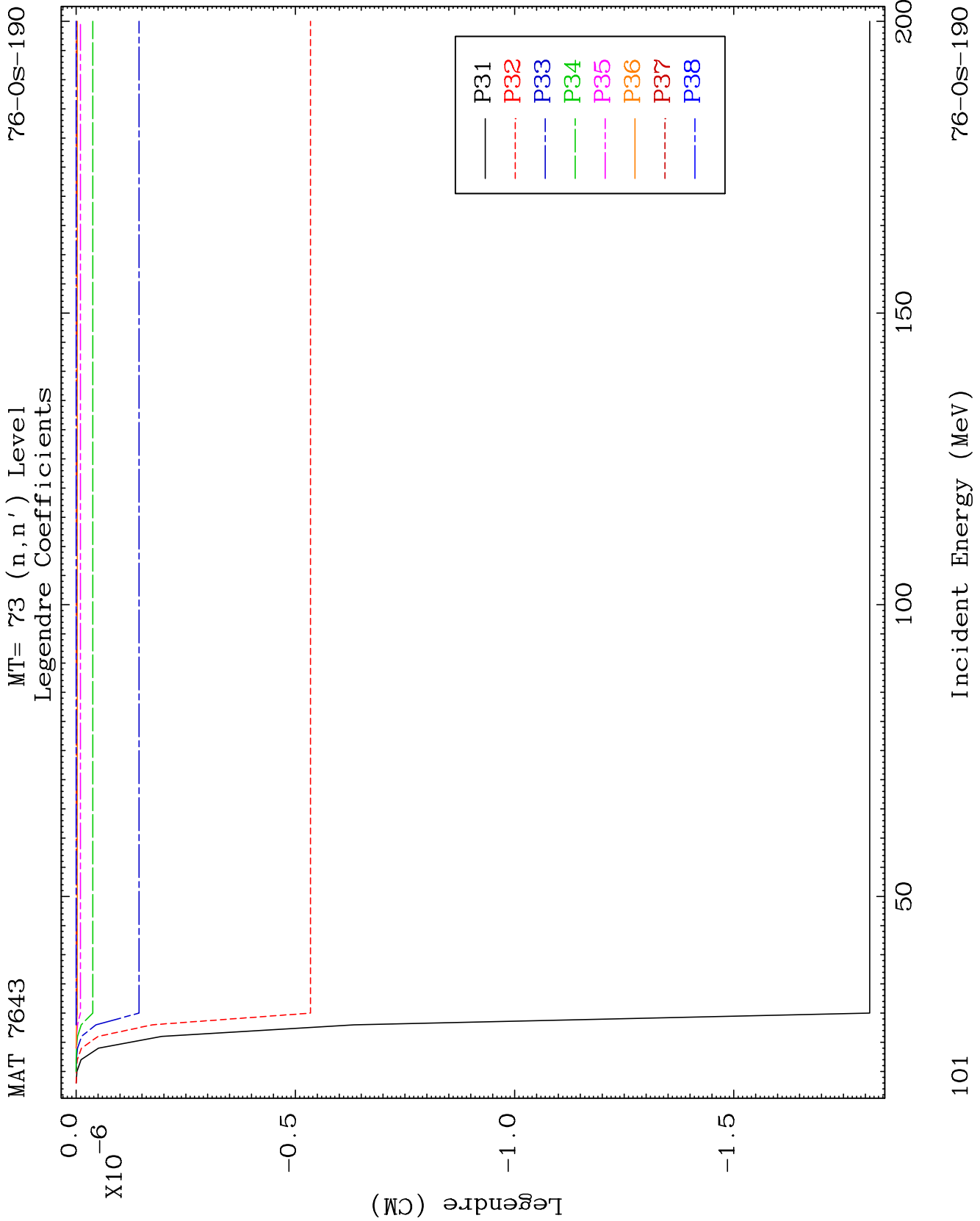


99

Incident Energy (MeV)

76-Os-190

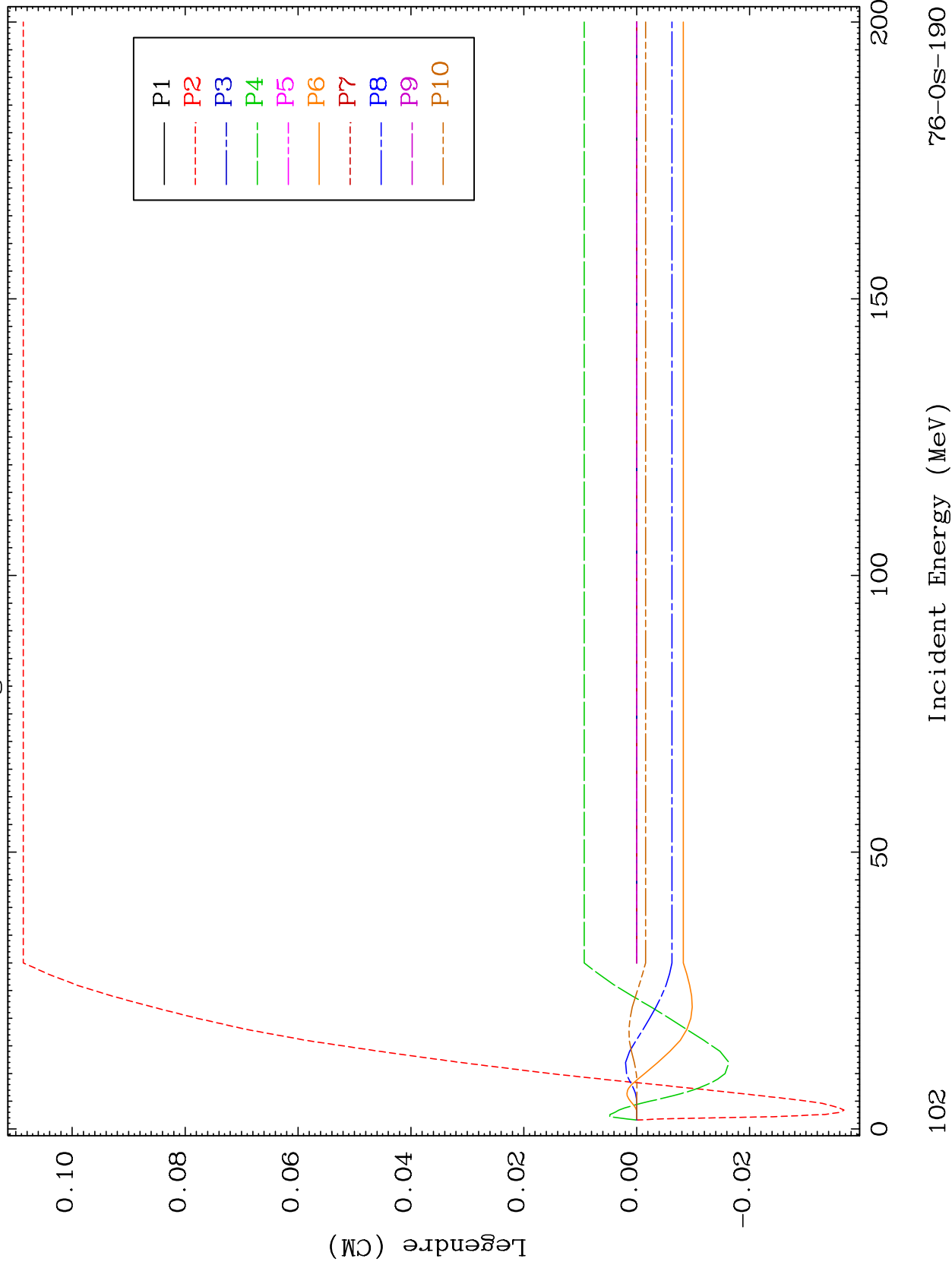




MAT 7643

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

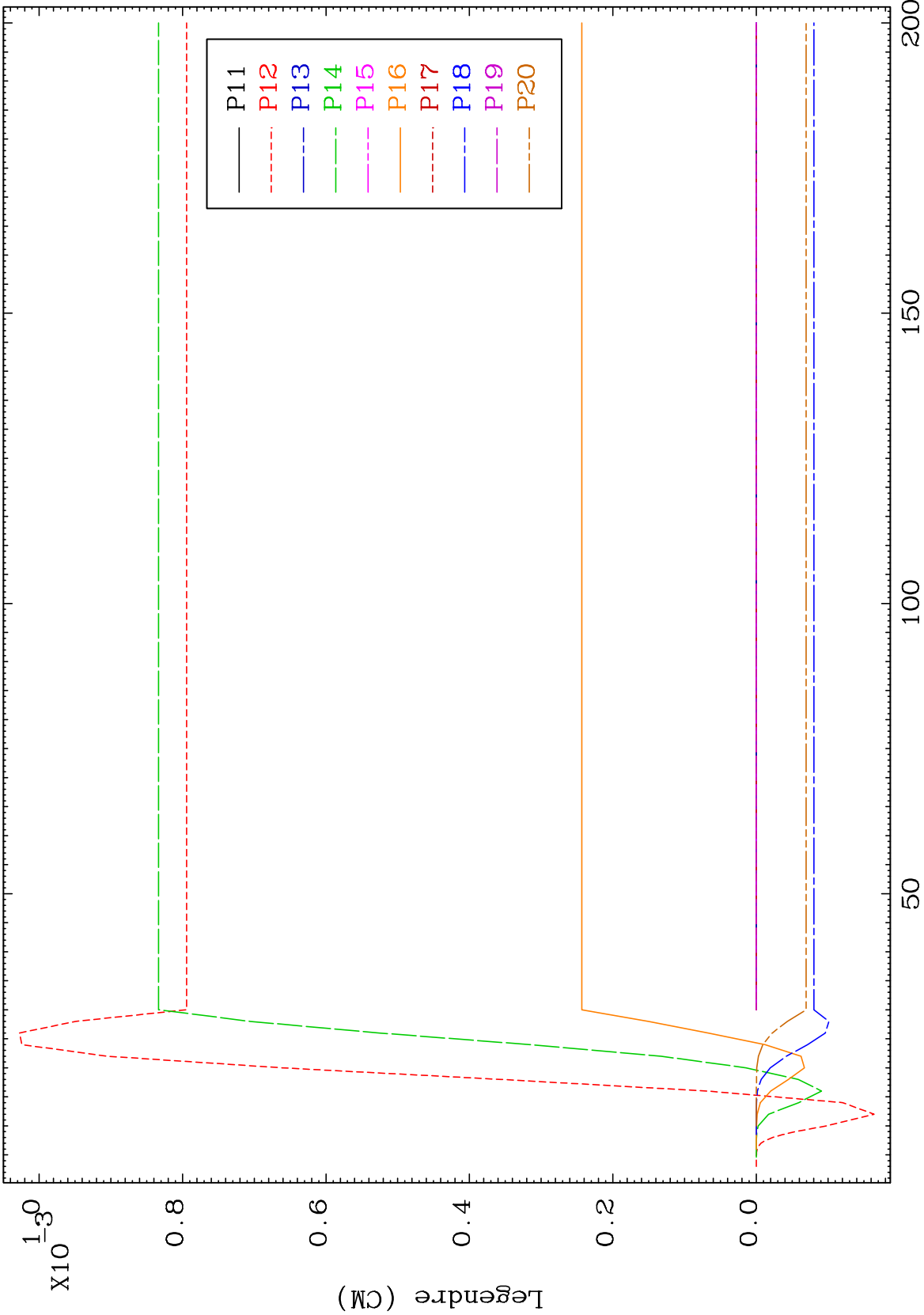
76-Os-190



MAT 7643

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

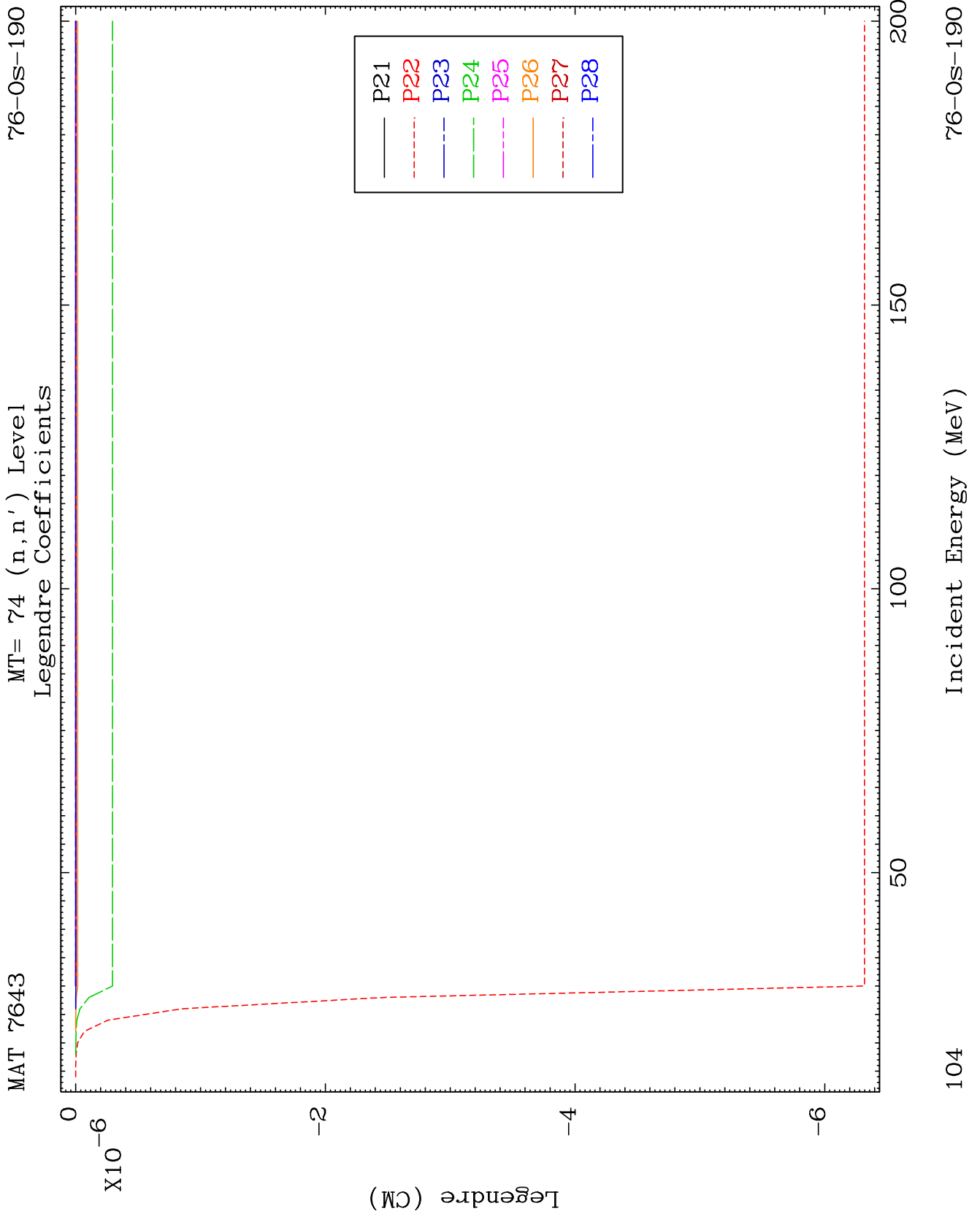
76-Os-190



103

76-Os-190

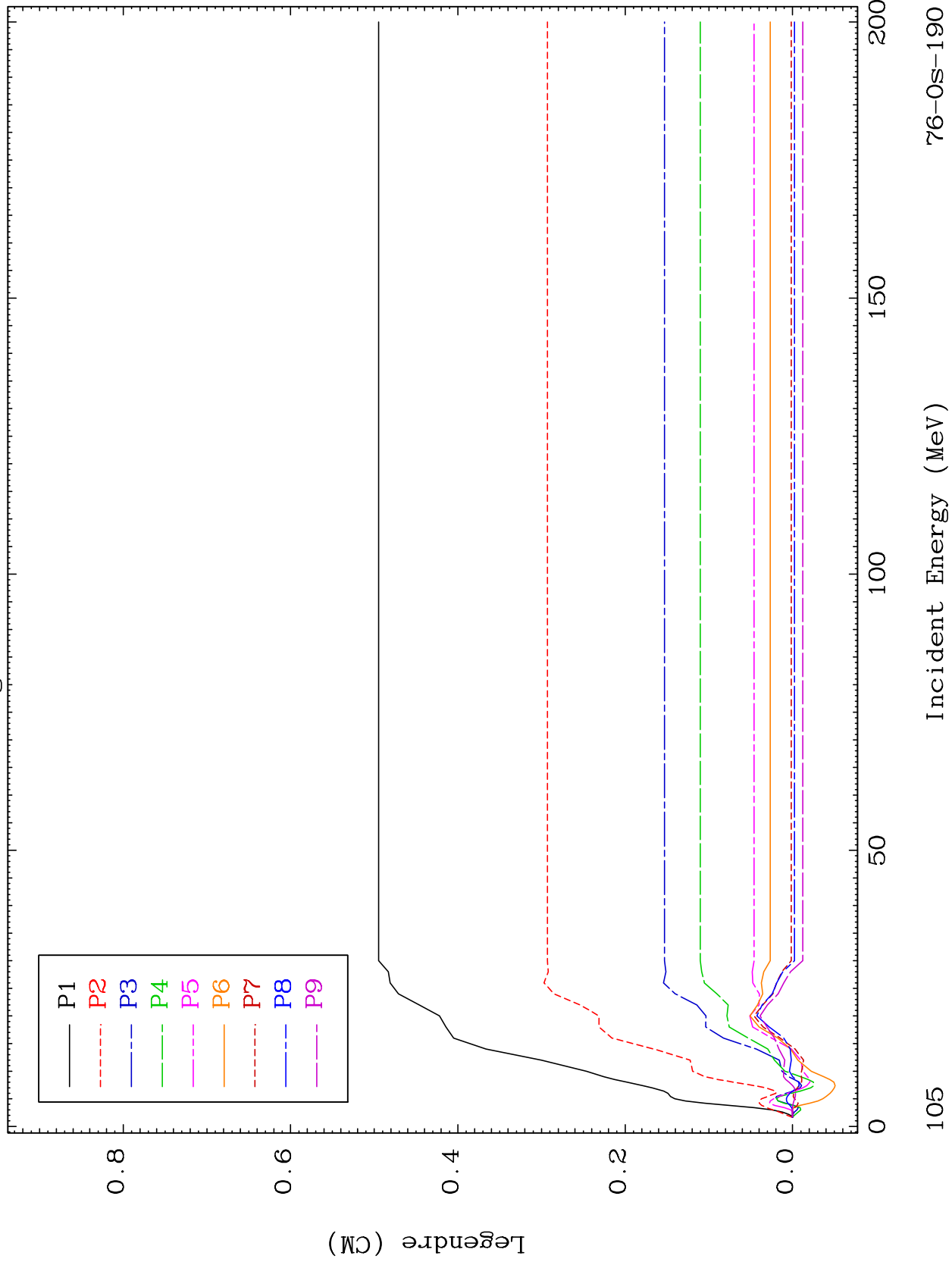


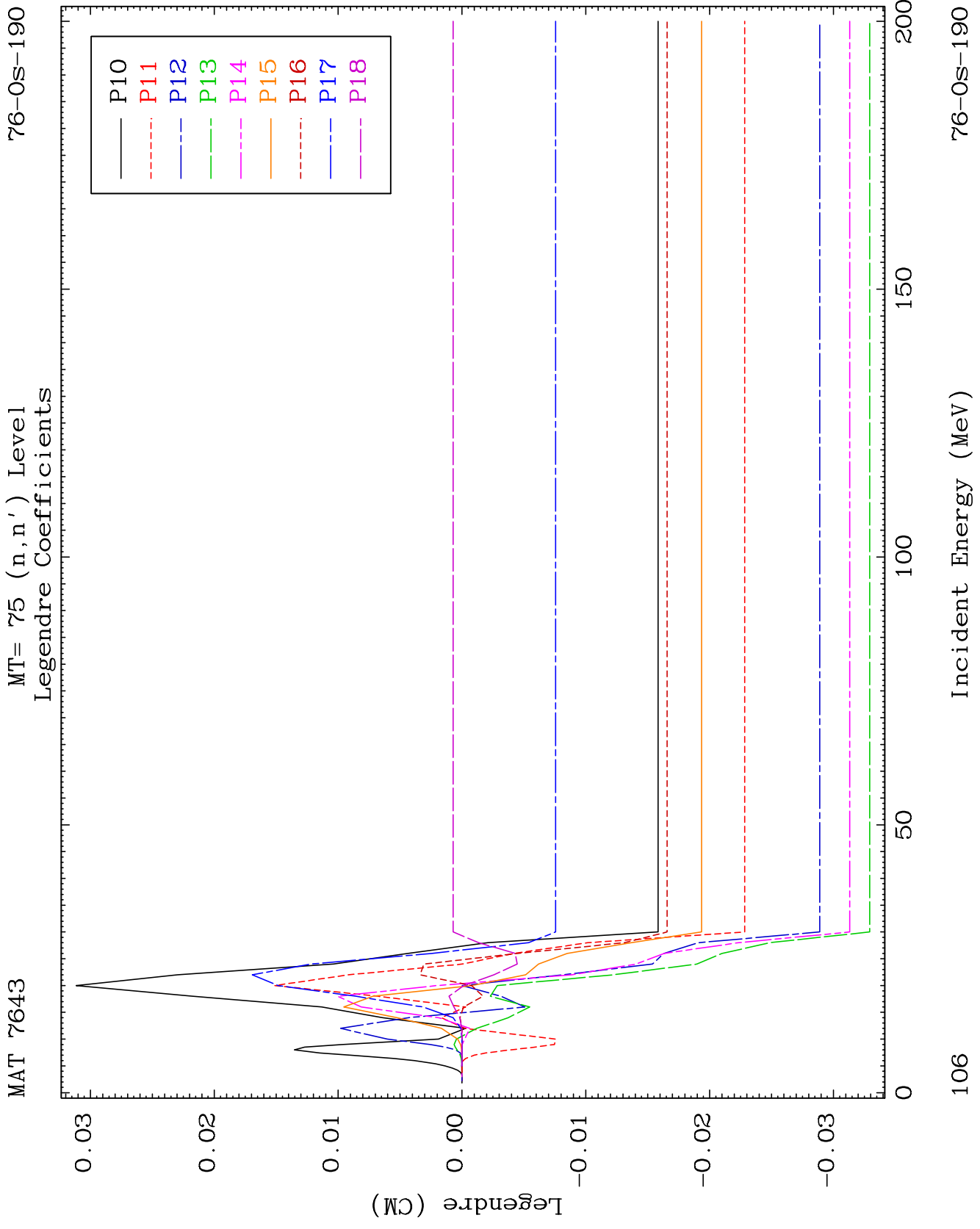


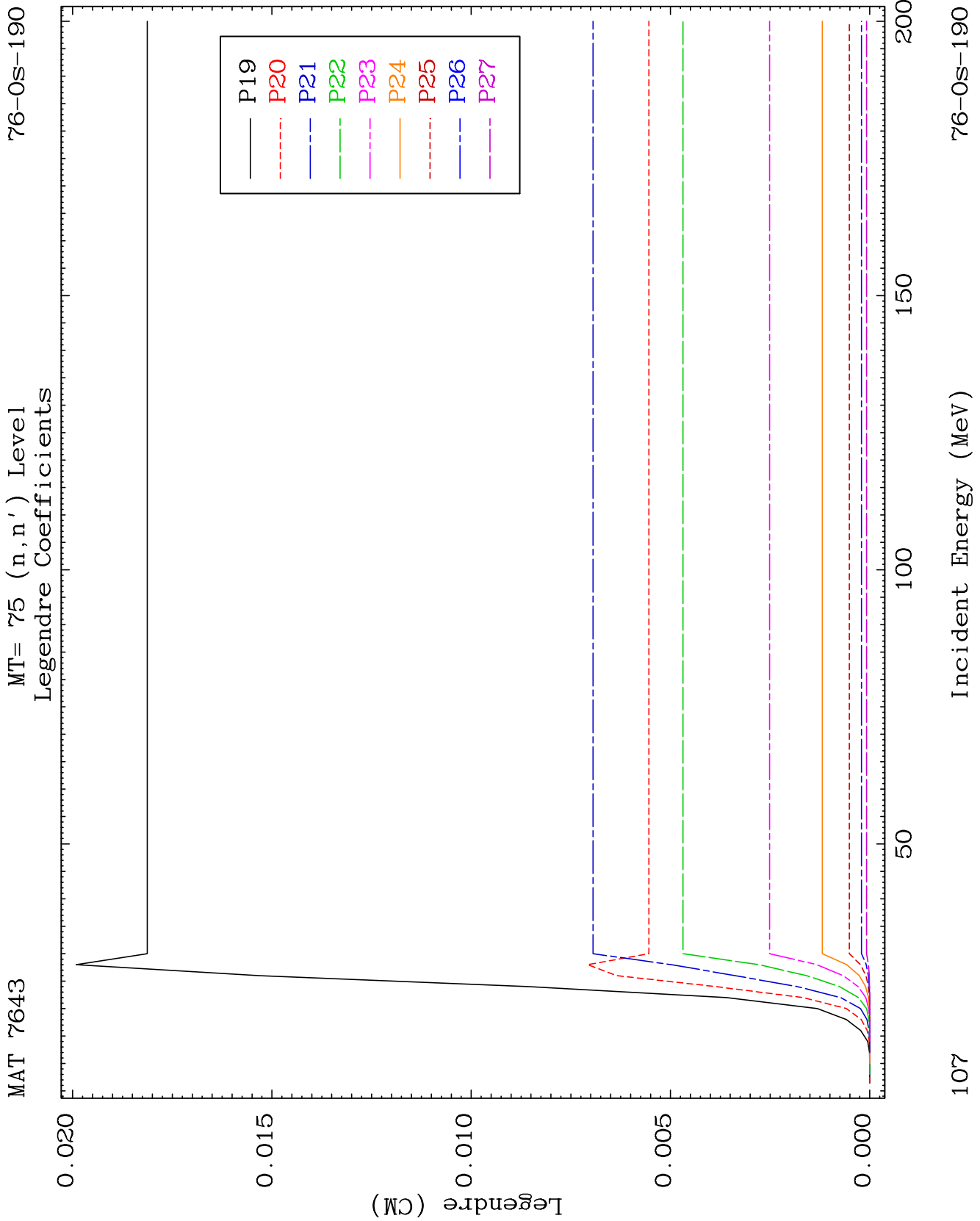
MAT 7643

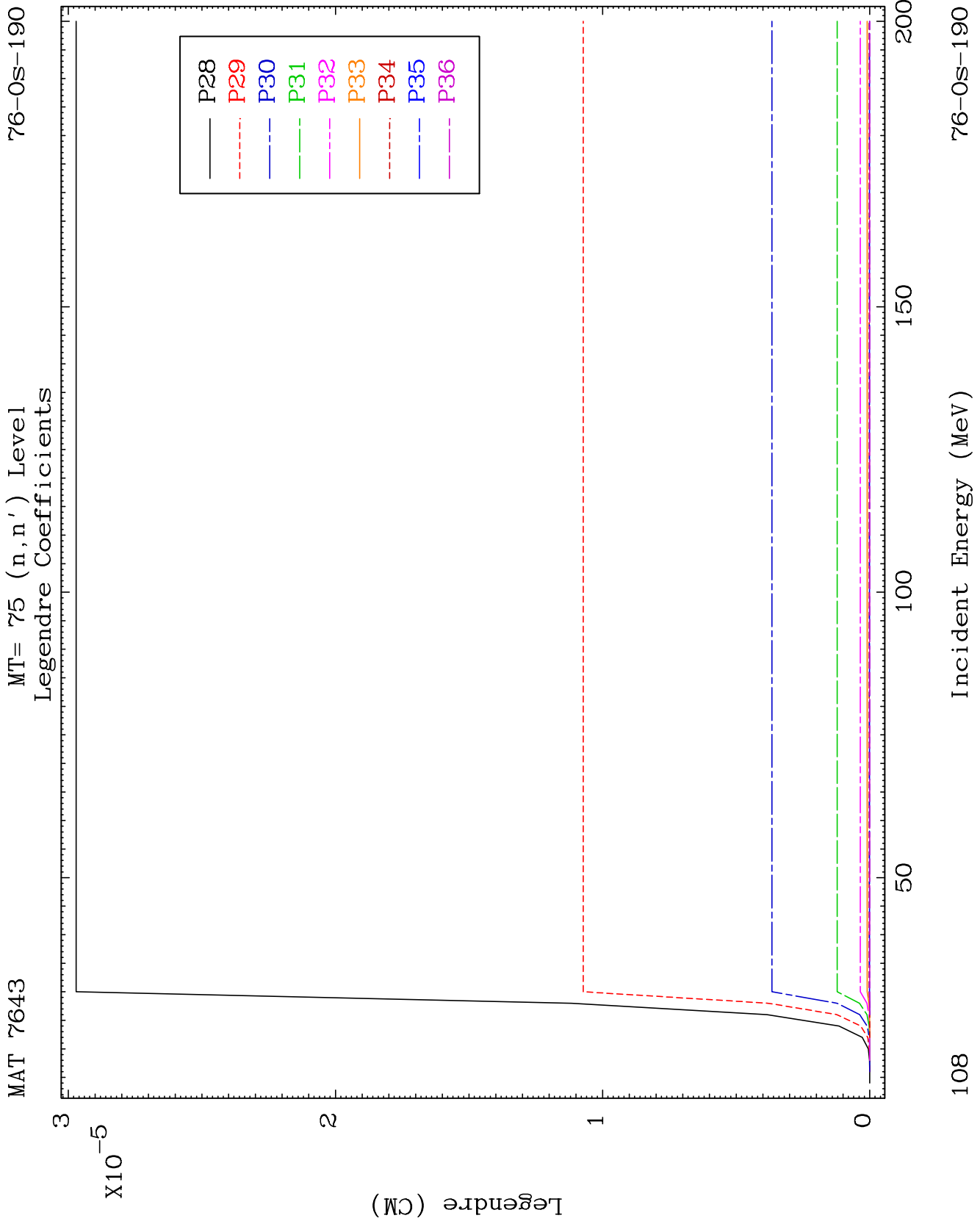
MT= 75 (n,n') Level  
Legendre Coefficients

76-Os-190





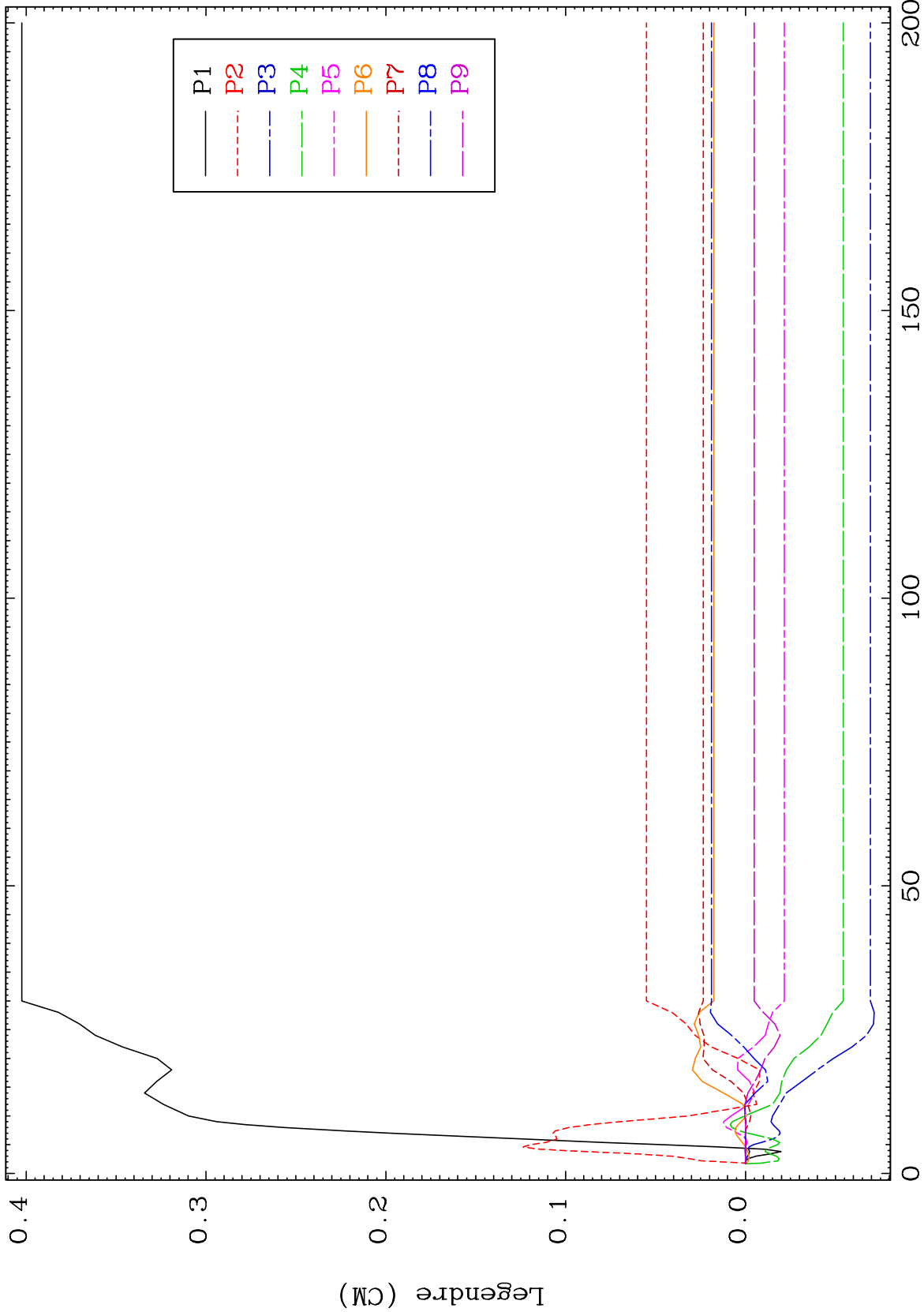




MAT 7643

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

76-Os-190



109

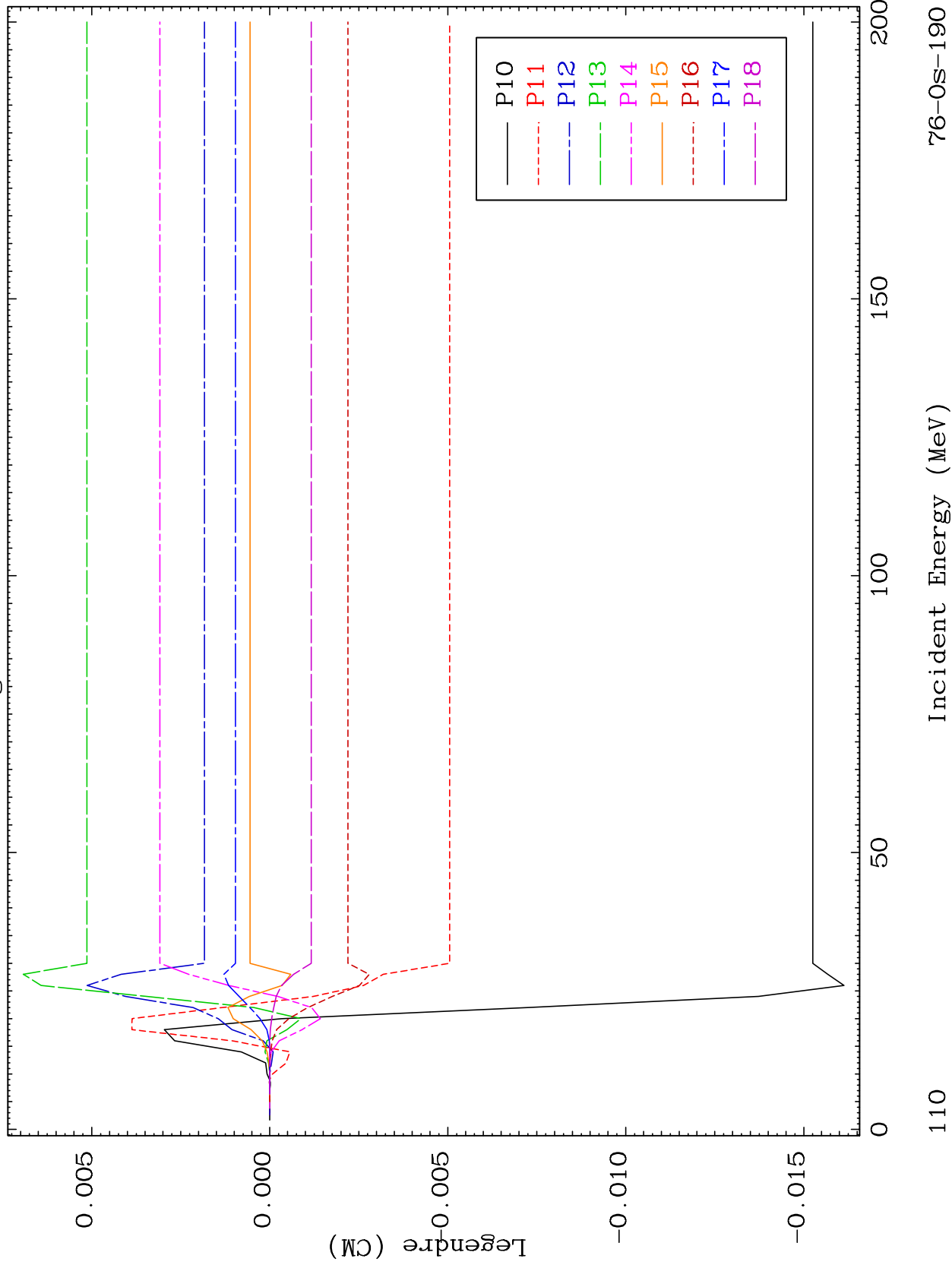
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



76-Os-190

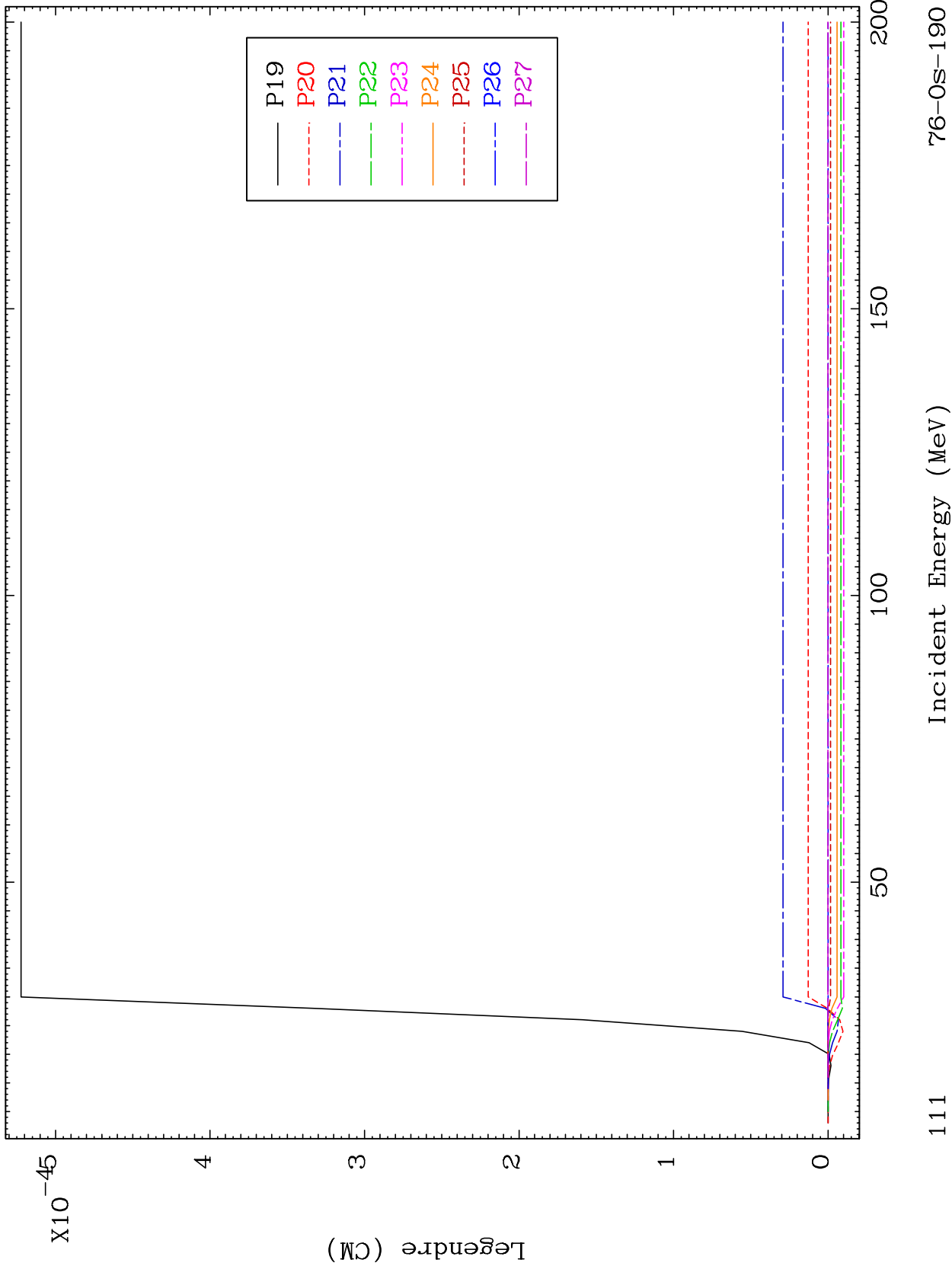
Incident Energy (MeV)

110

MAT 7643

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

76-Os-190



111

Incident Energy (MeV)

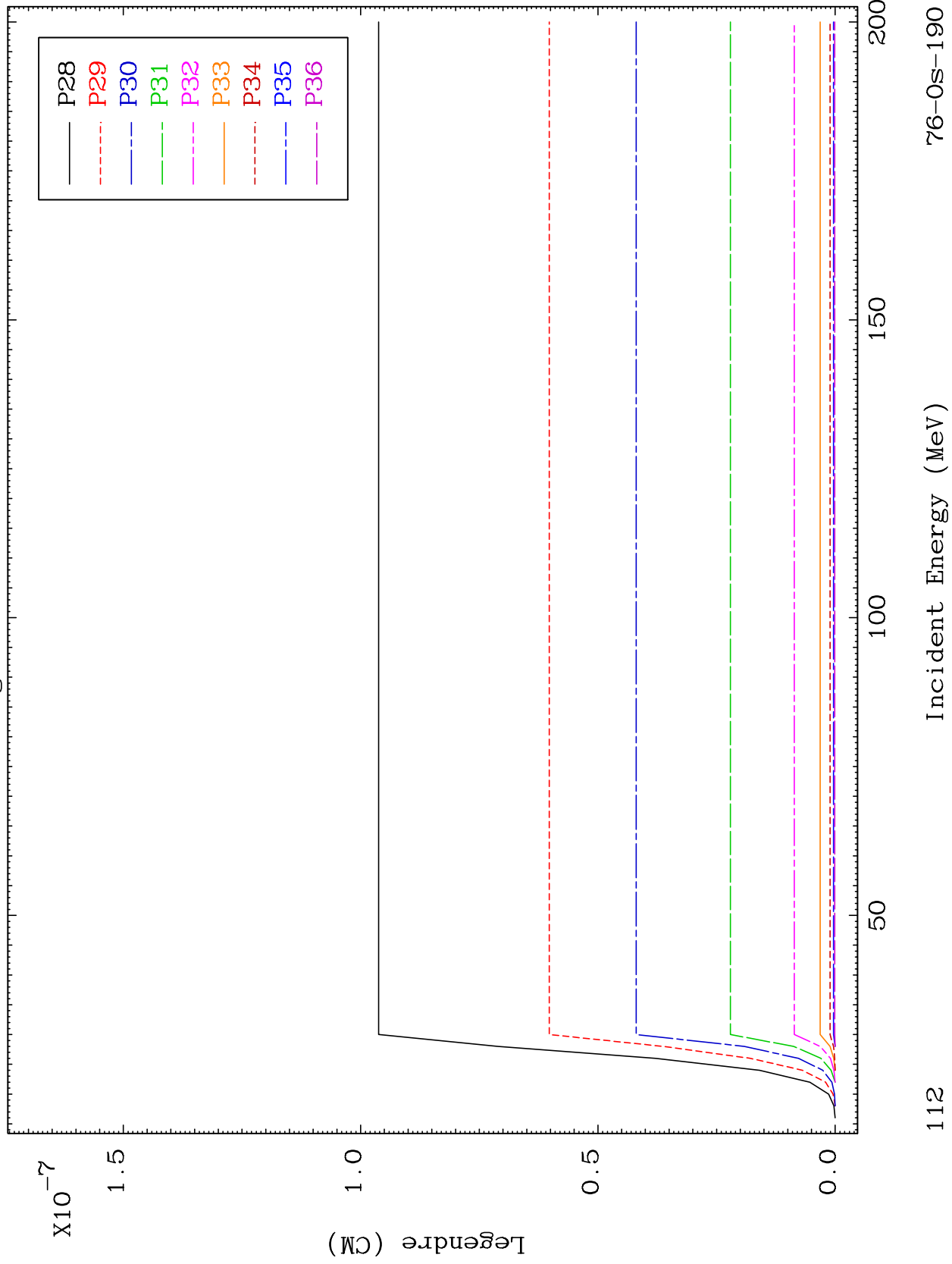
76-Os-190



MAT 7643

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

76-Os-190



112

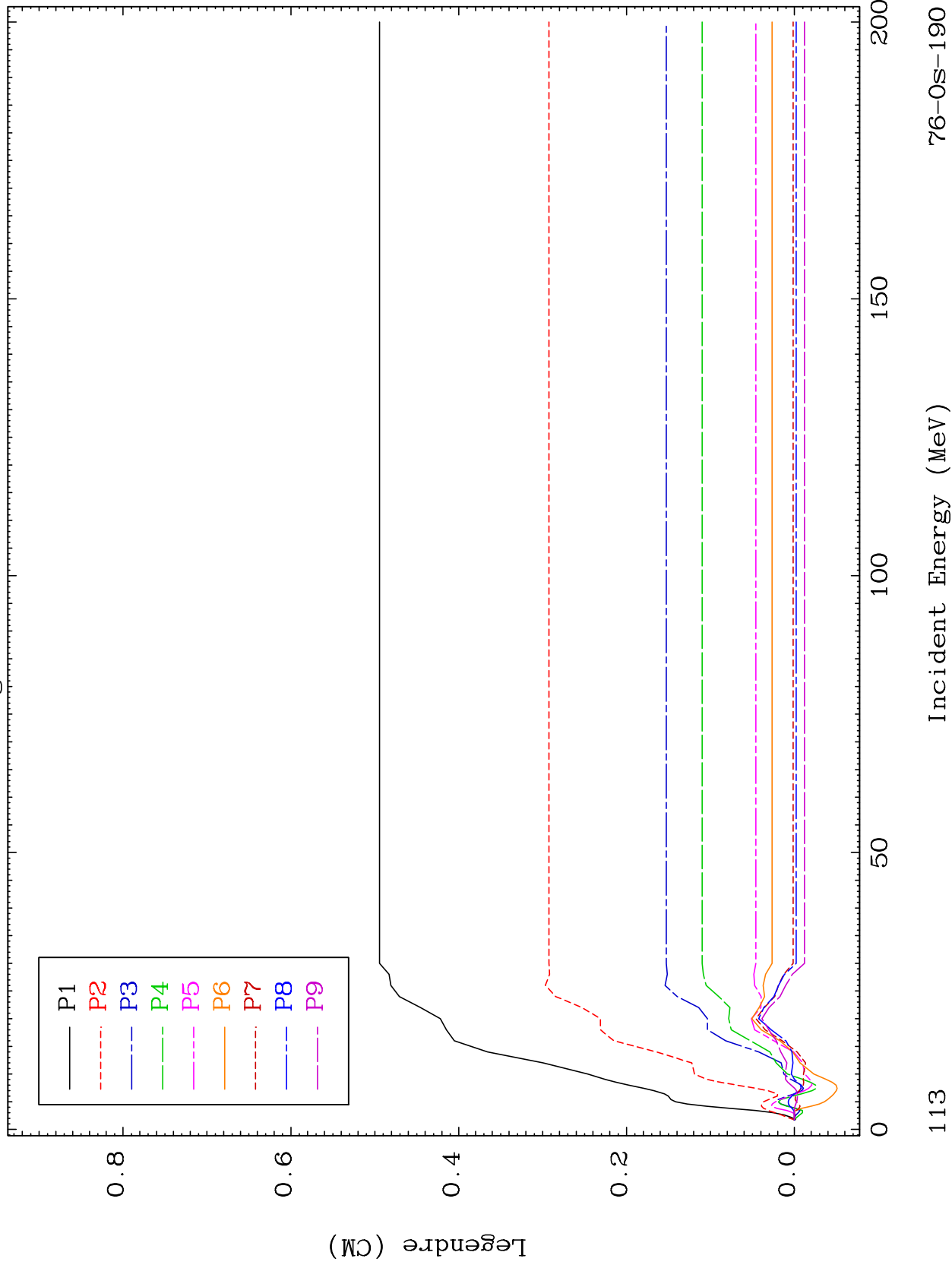
Incident Energy (MeV)

76-Os-190

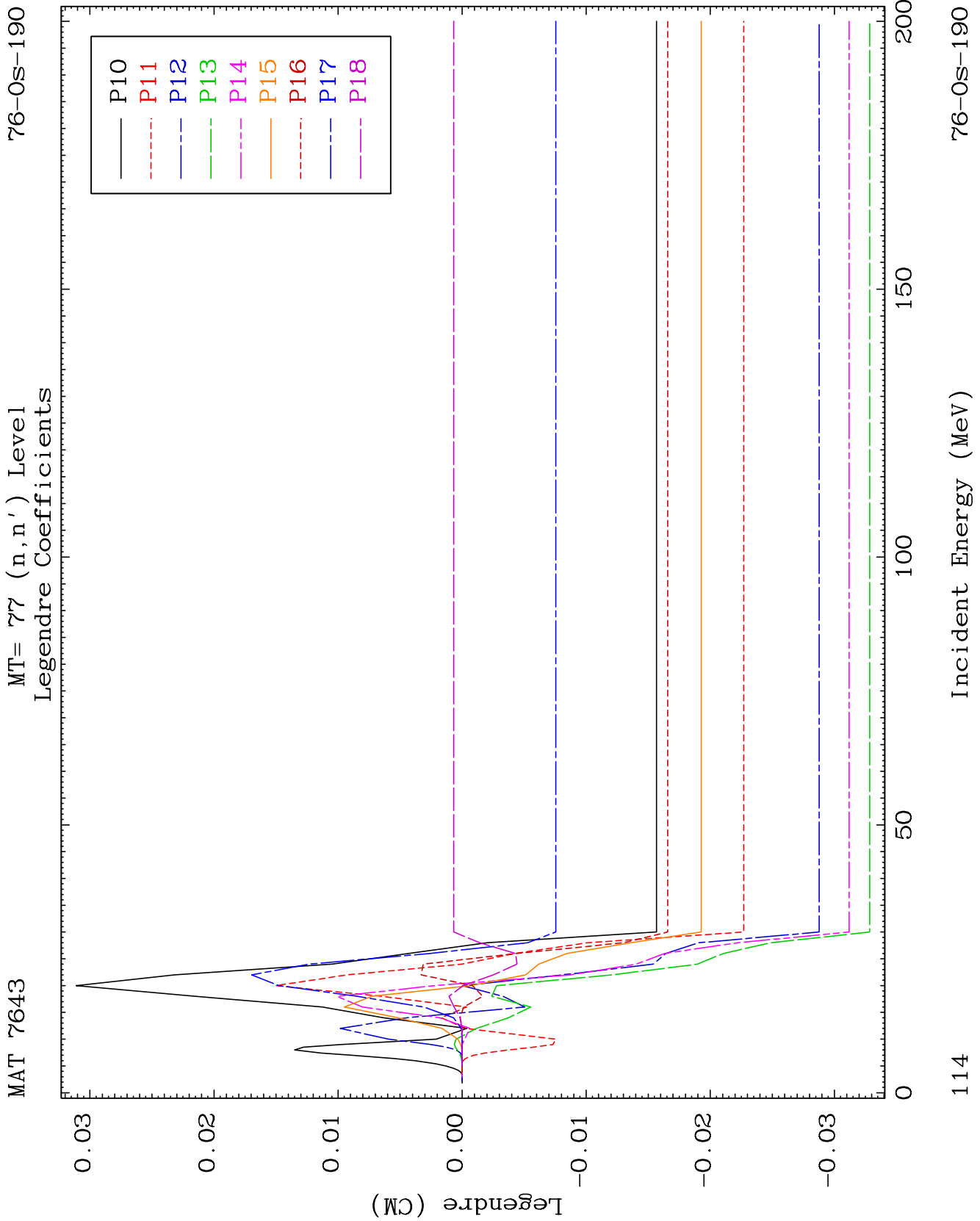
MAT 7643

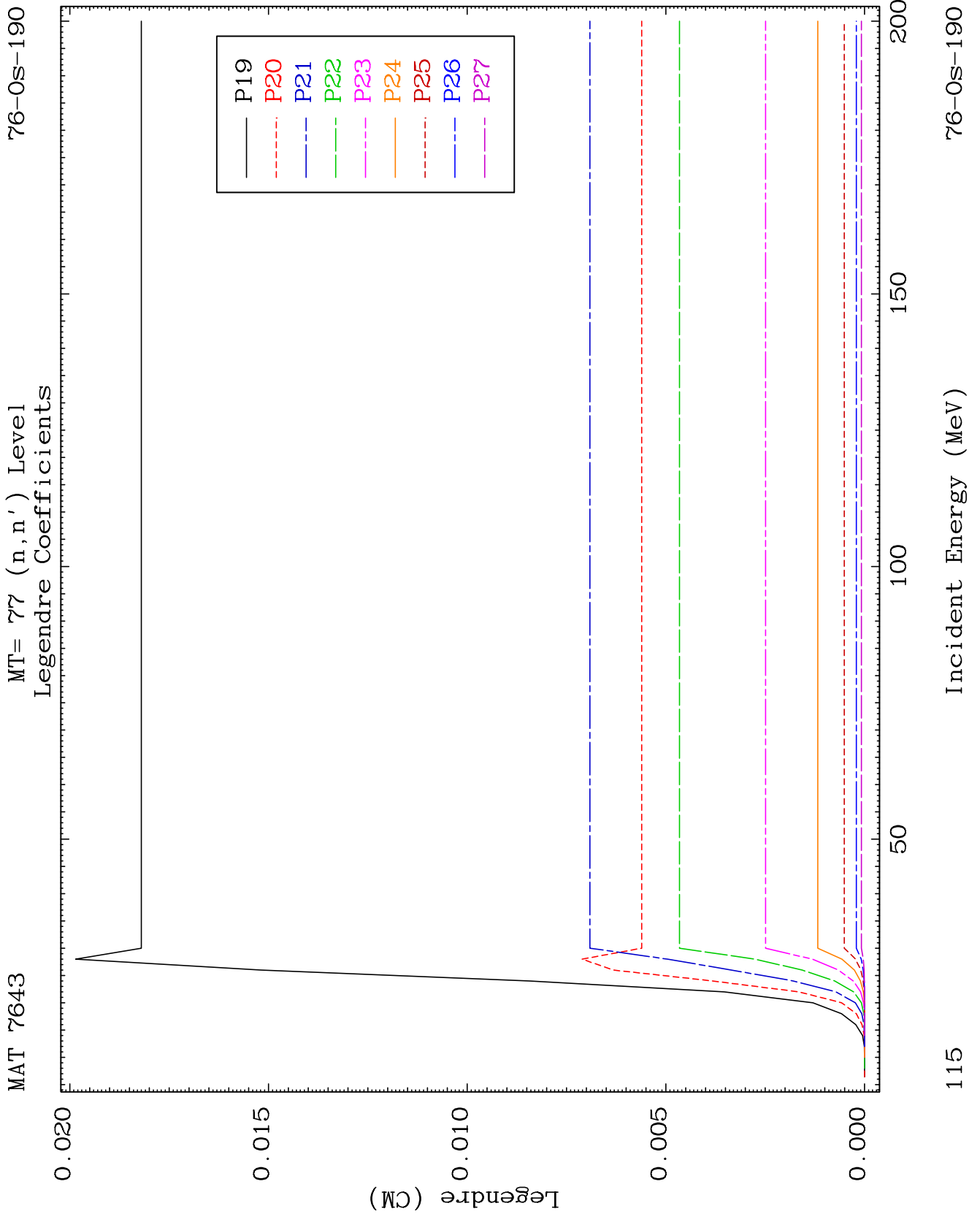
MT= 77 (n,n') Level  
Legendre Coefficients

76-Os-190



113

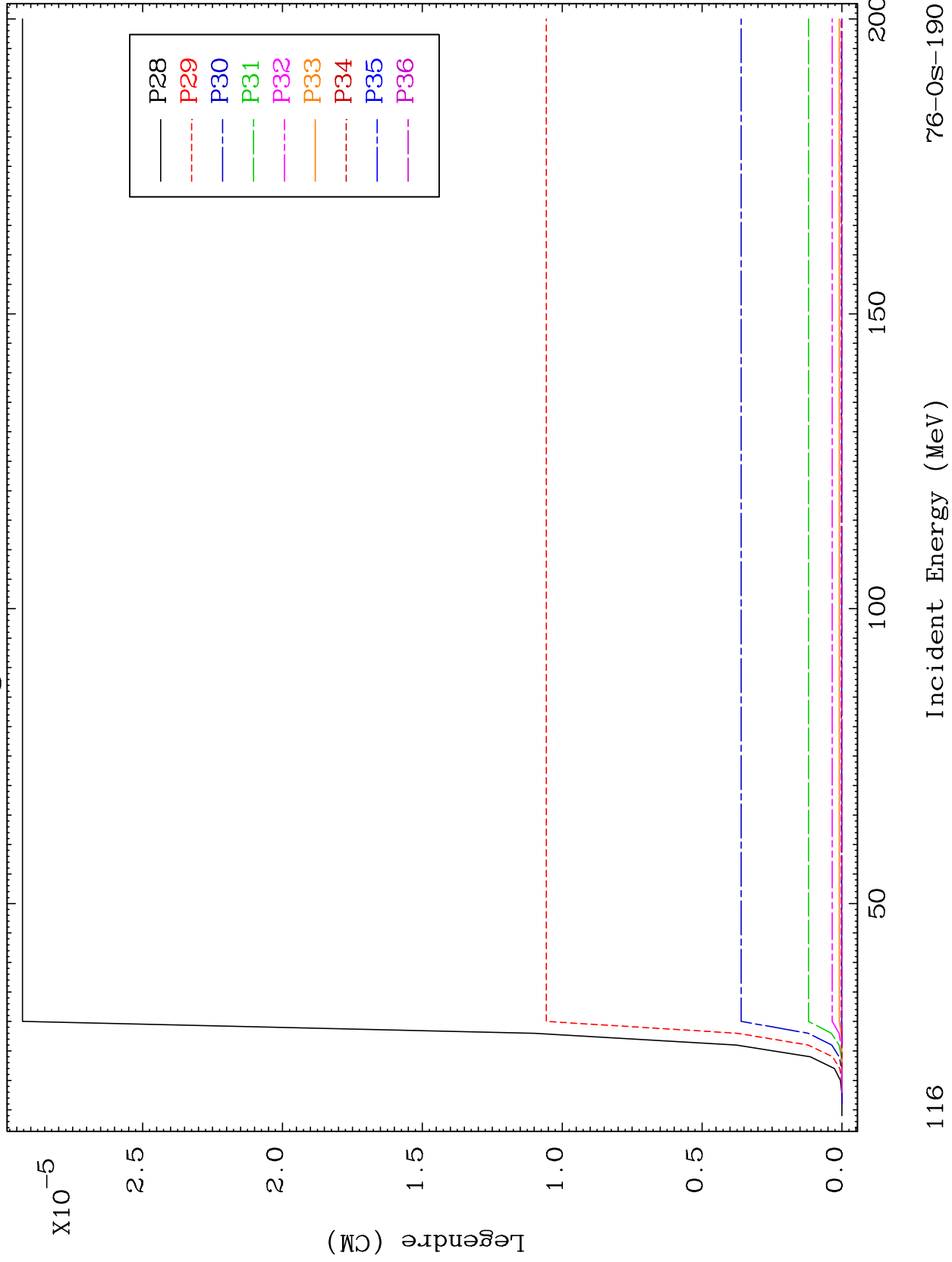




MAT 7643

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

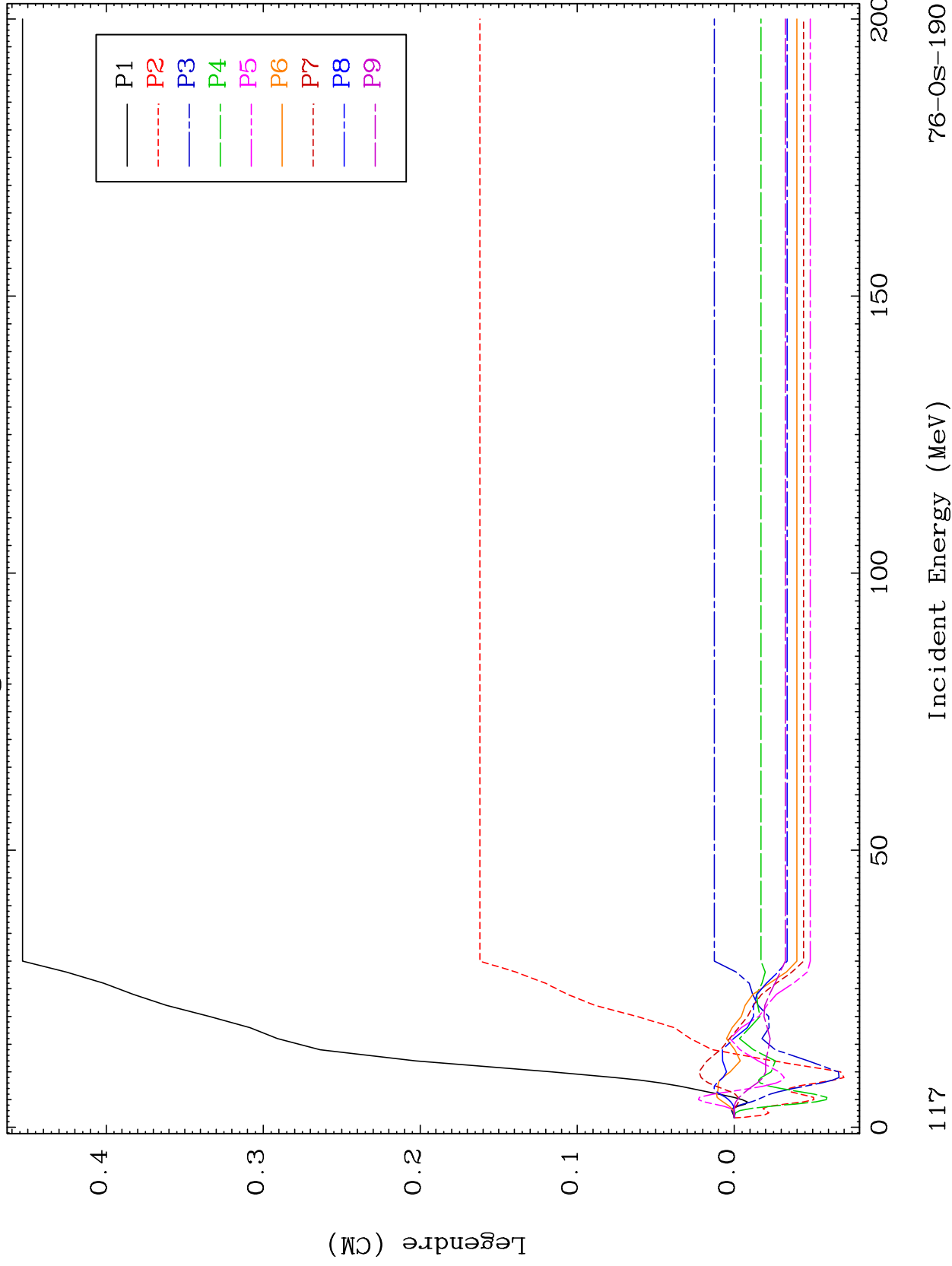
76-Os-190



MAT 7643

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

76-Os-190



117

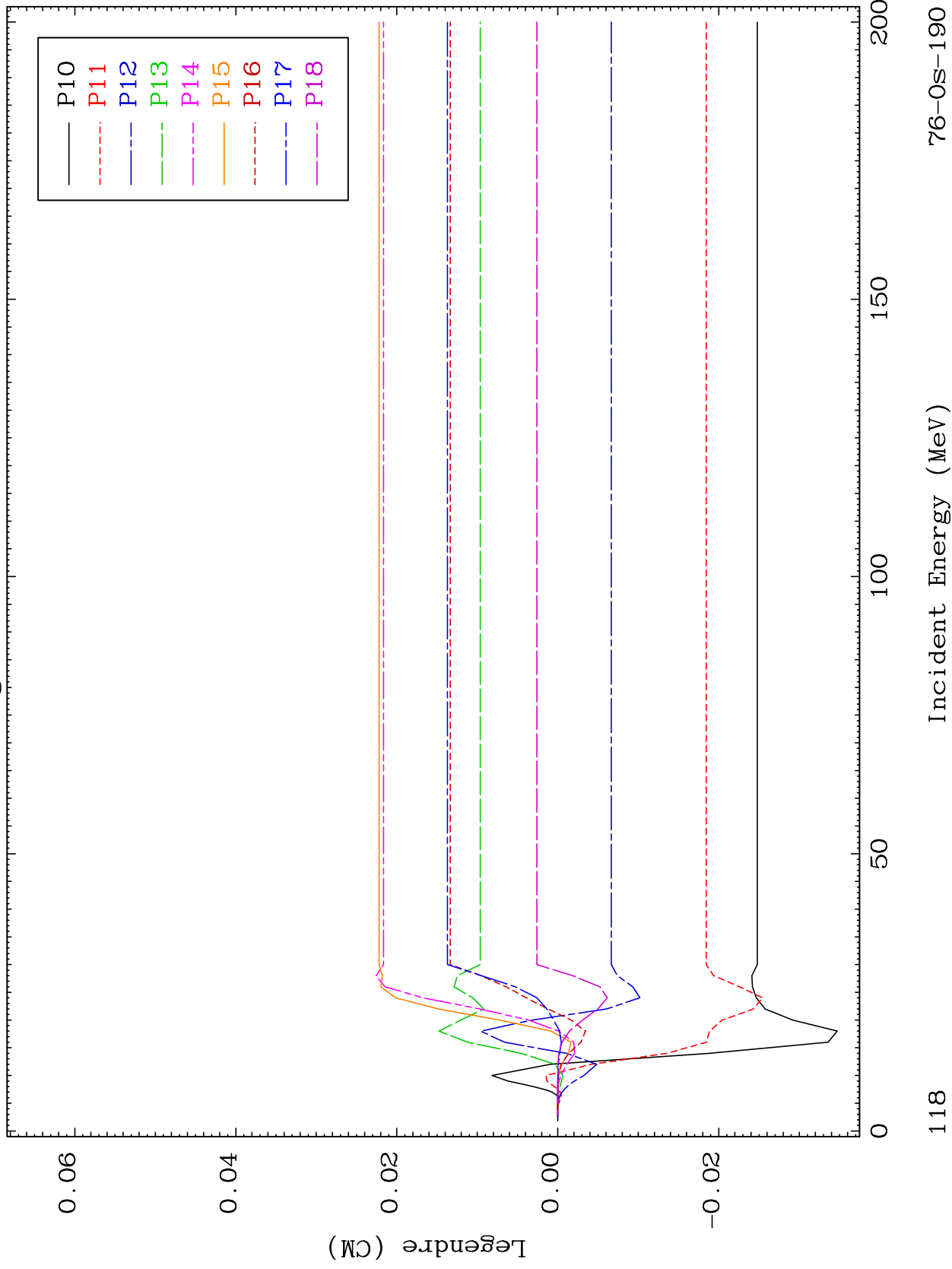
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



118

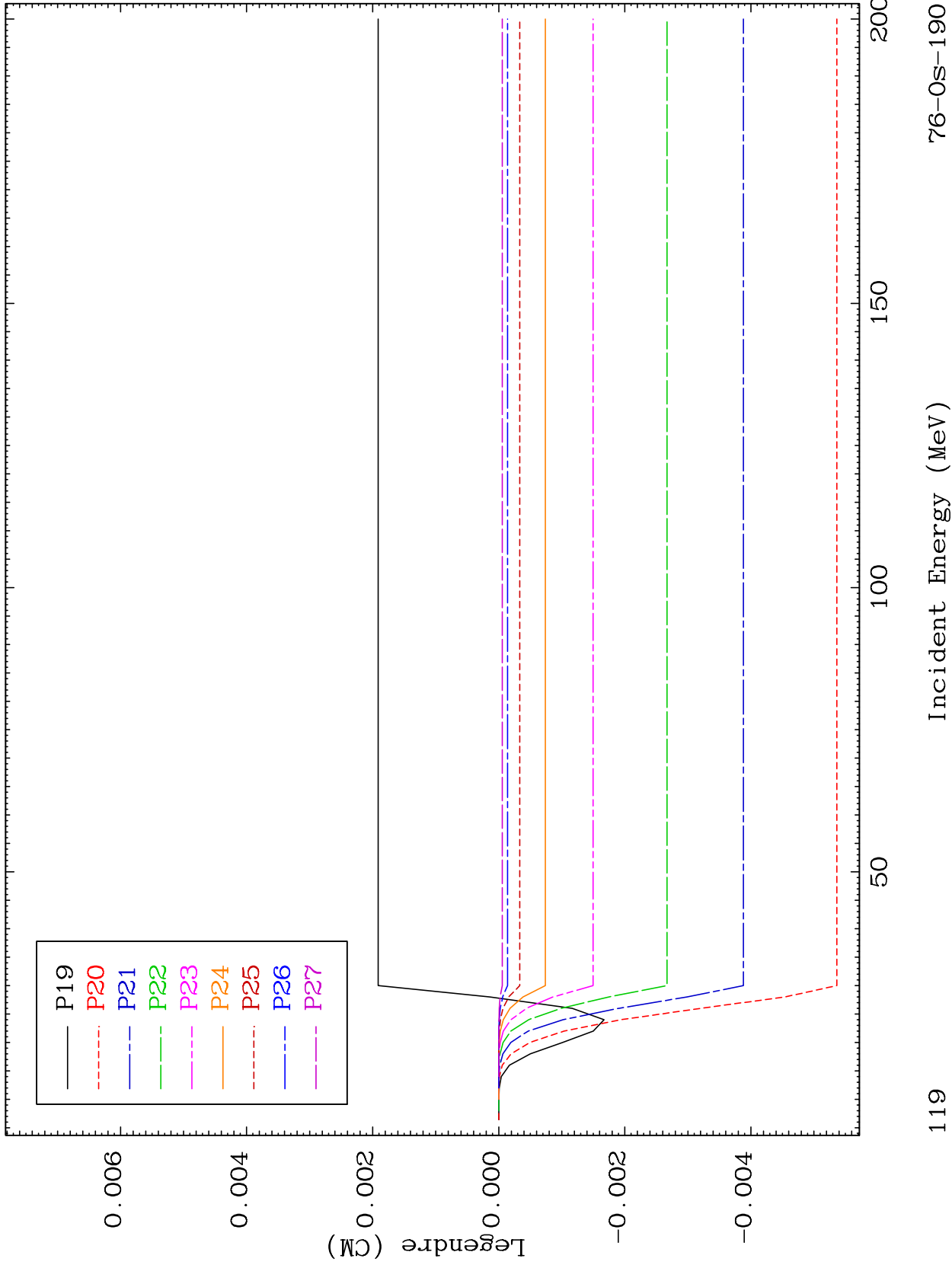
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-0s-190

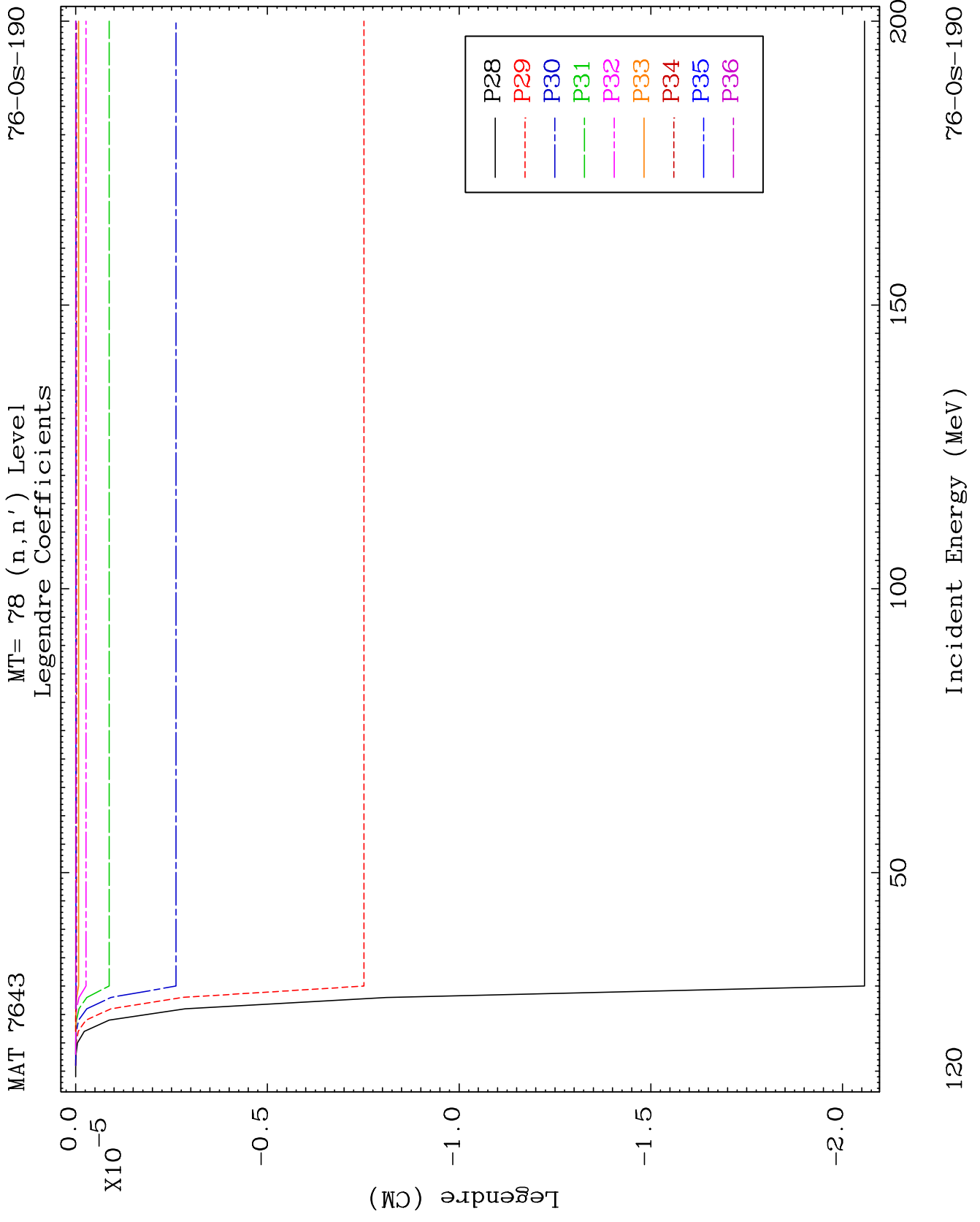


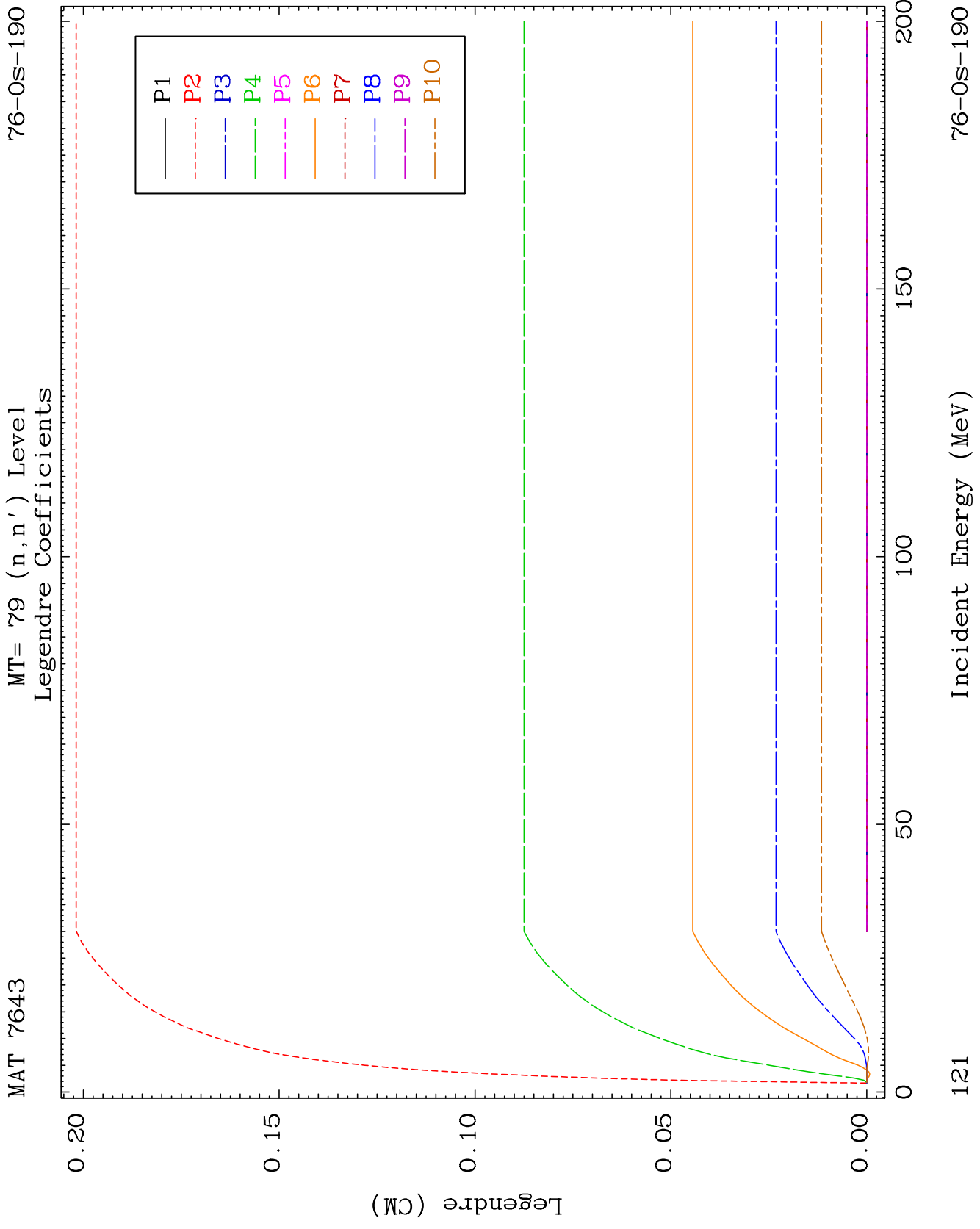
119

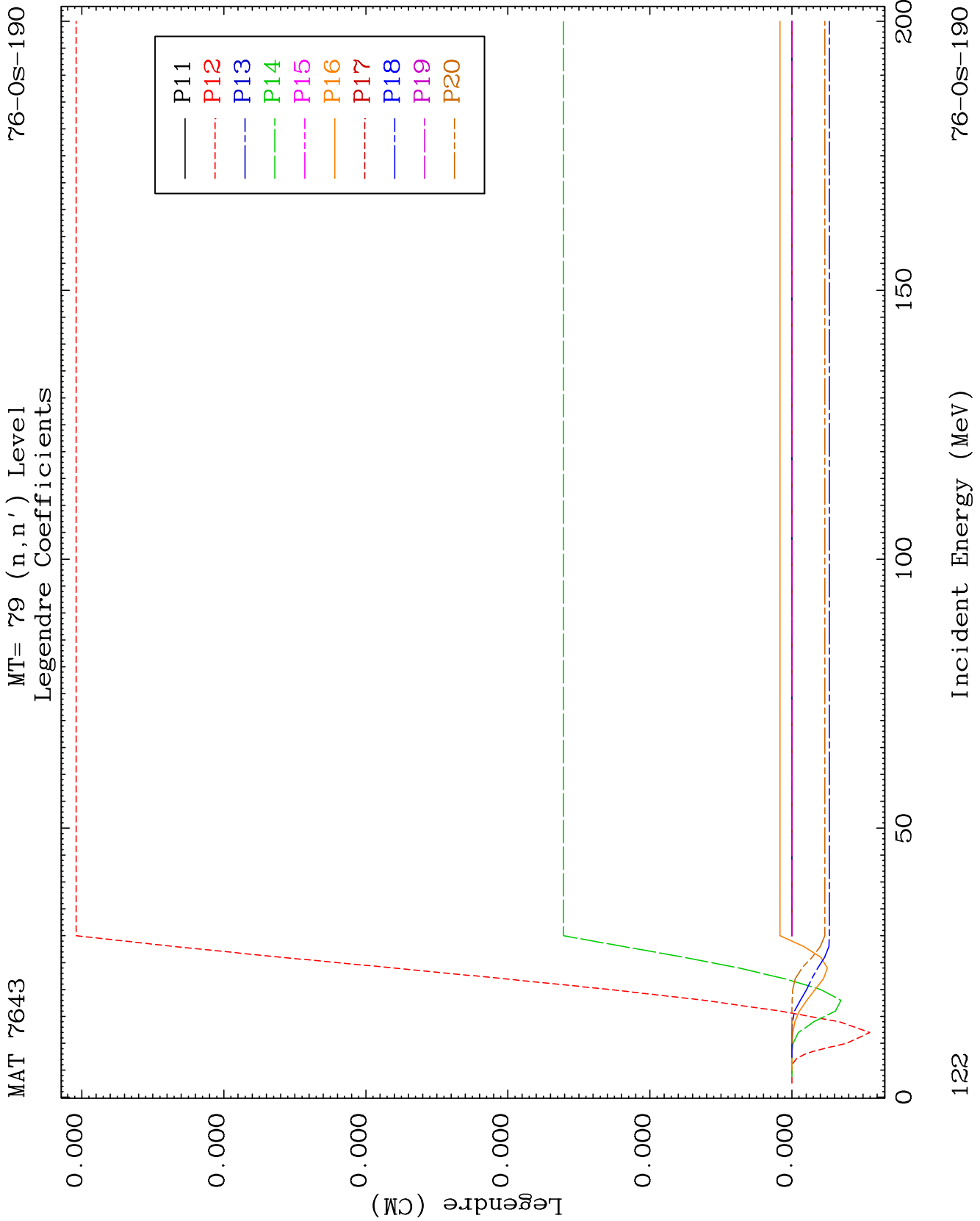
Incident Energy (MeV)

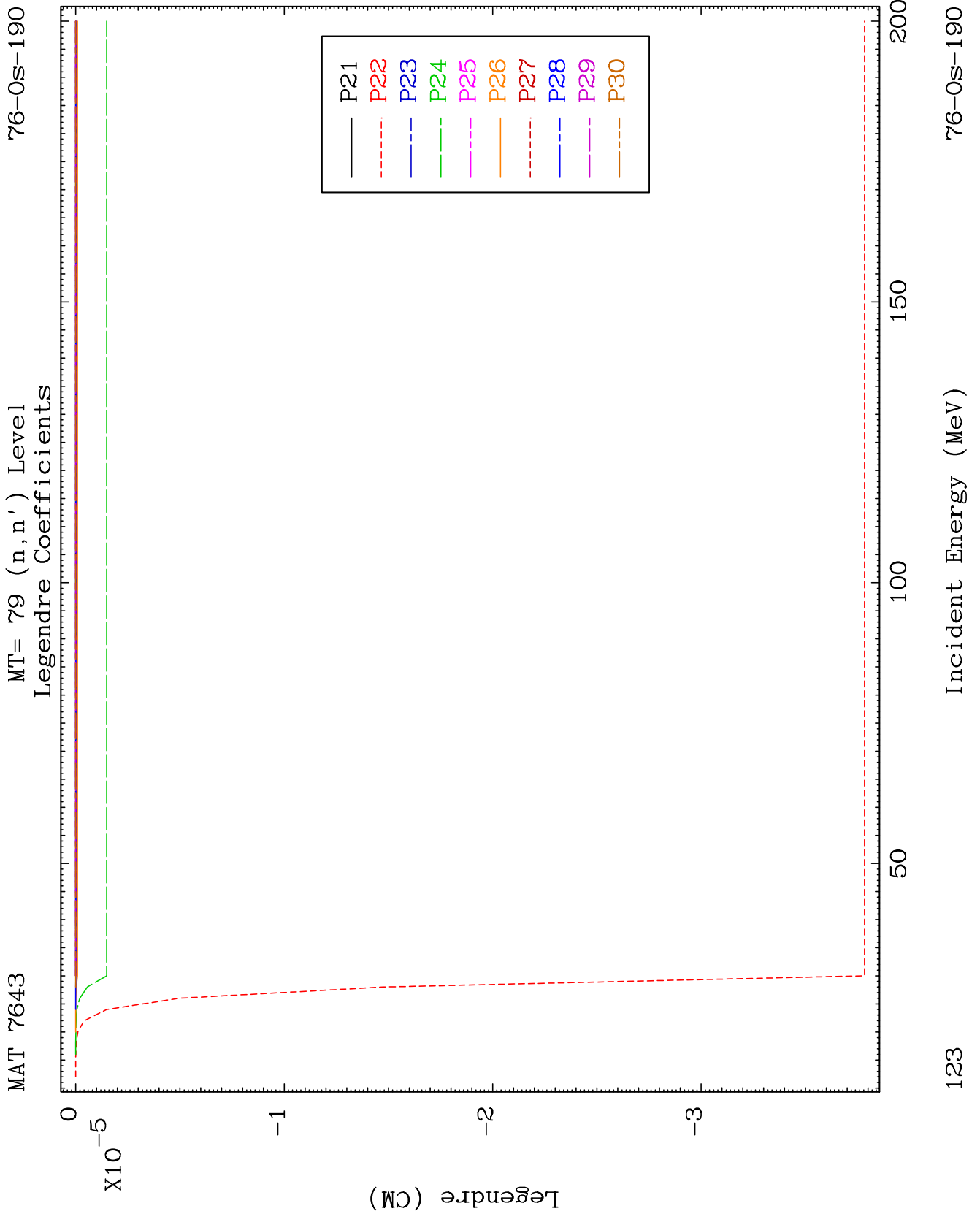
76-0s-190







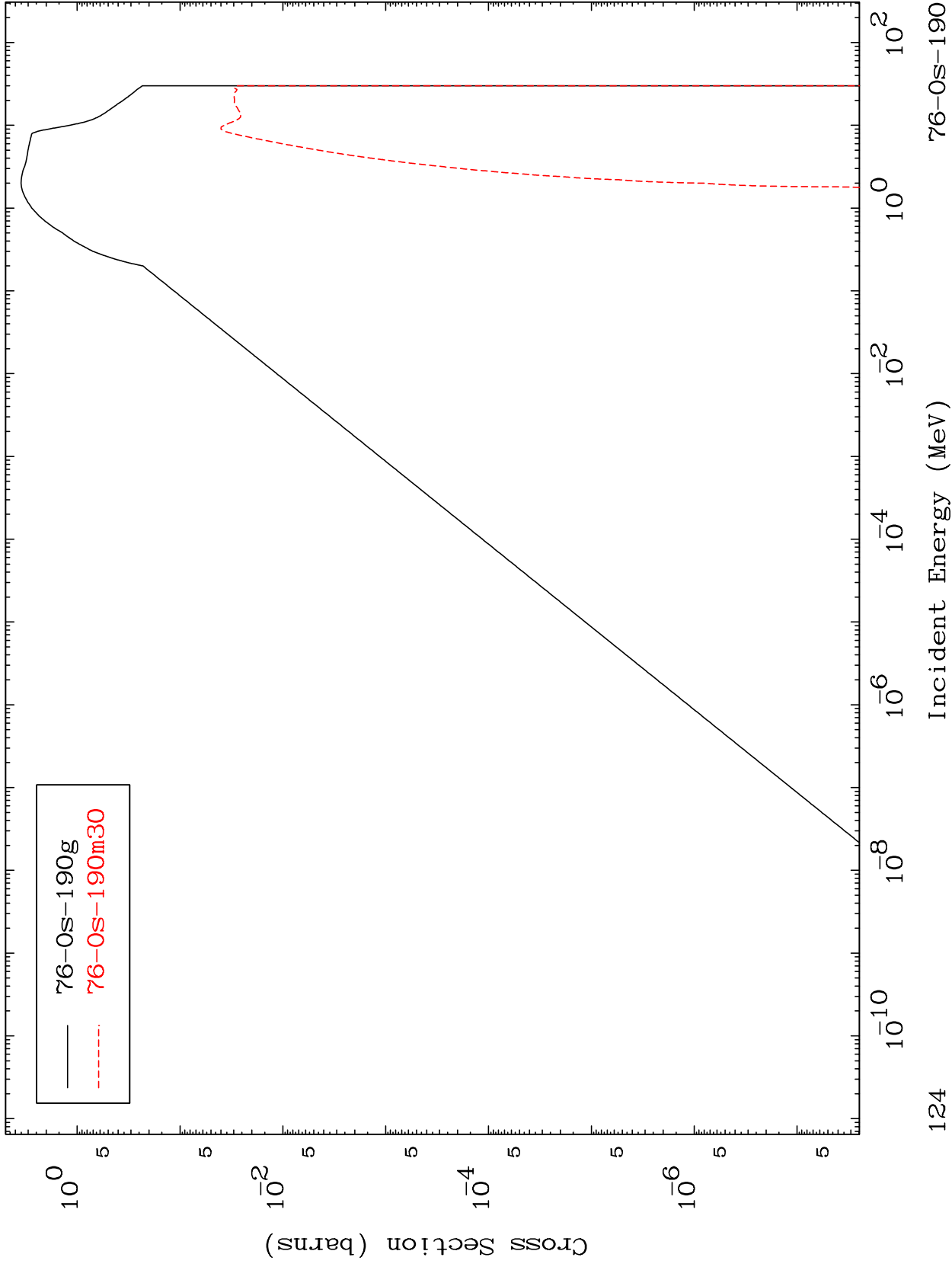




MAT 7643

Inelastic  
Radionuclide Production Cross Section

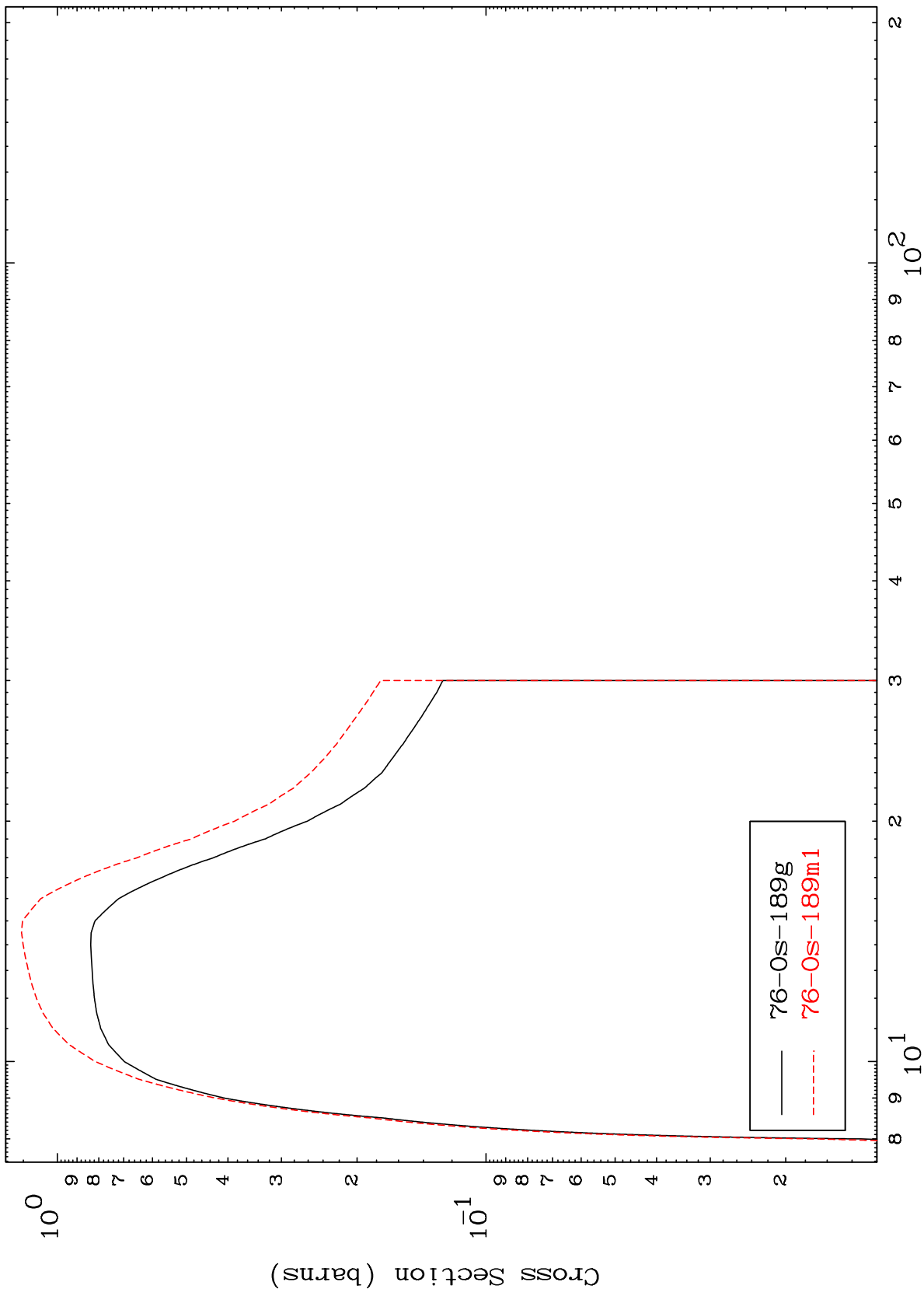
76-Os-190



MAT 7643

76-Os-190

(n,2n)  
Radionuclide Production Cross Section



76-Os-190

Incident Energy (MeV)

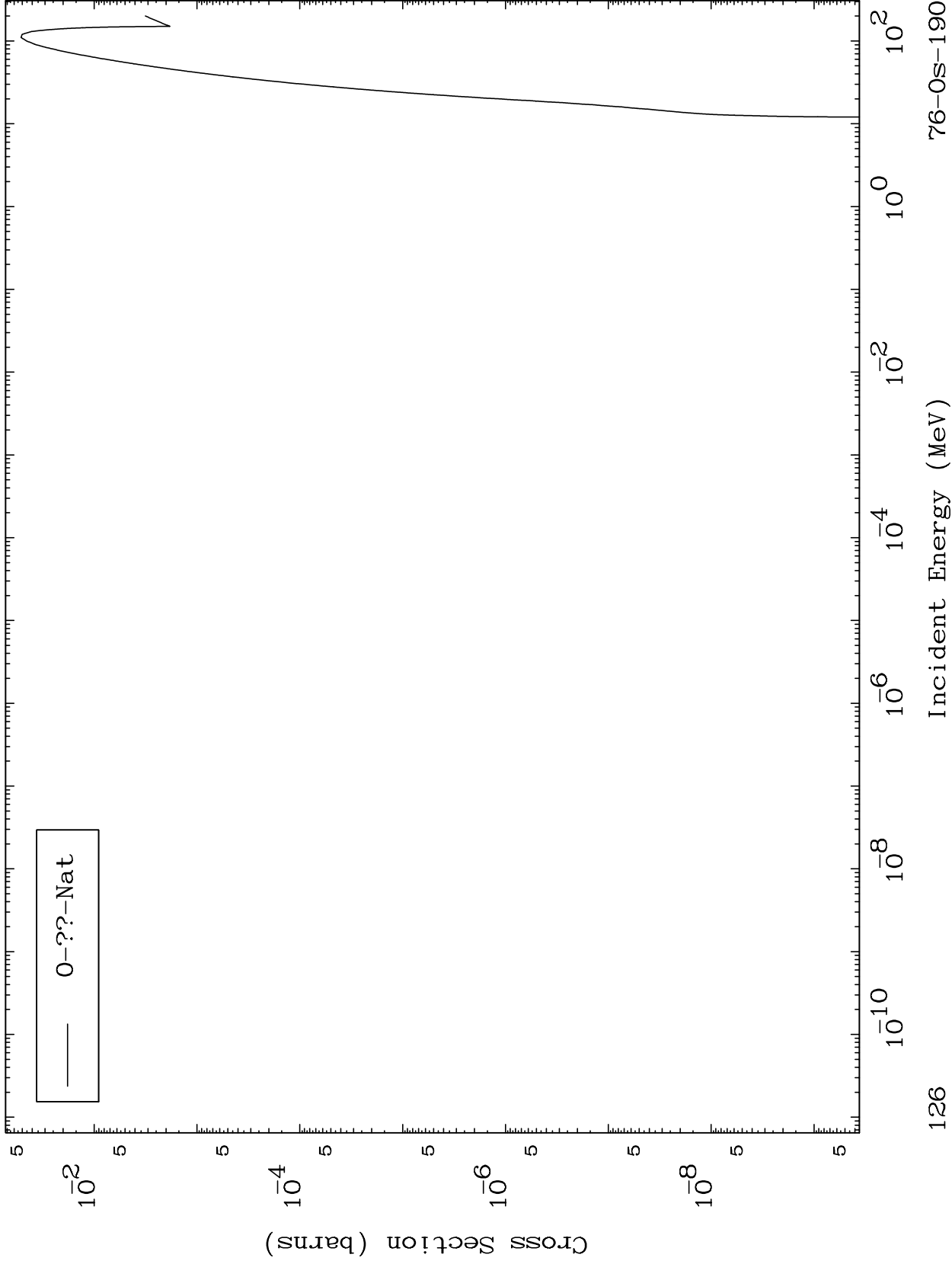
125

MAT 7643

Fission

76-Os-190

Radionuclide Production Cross Section

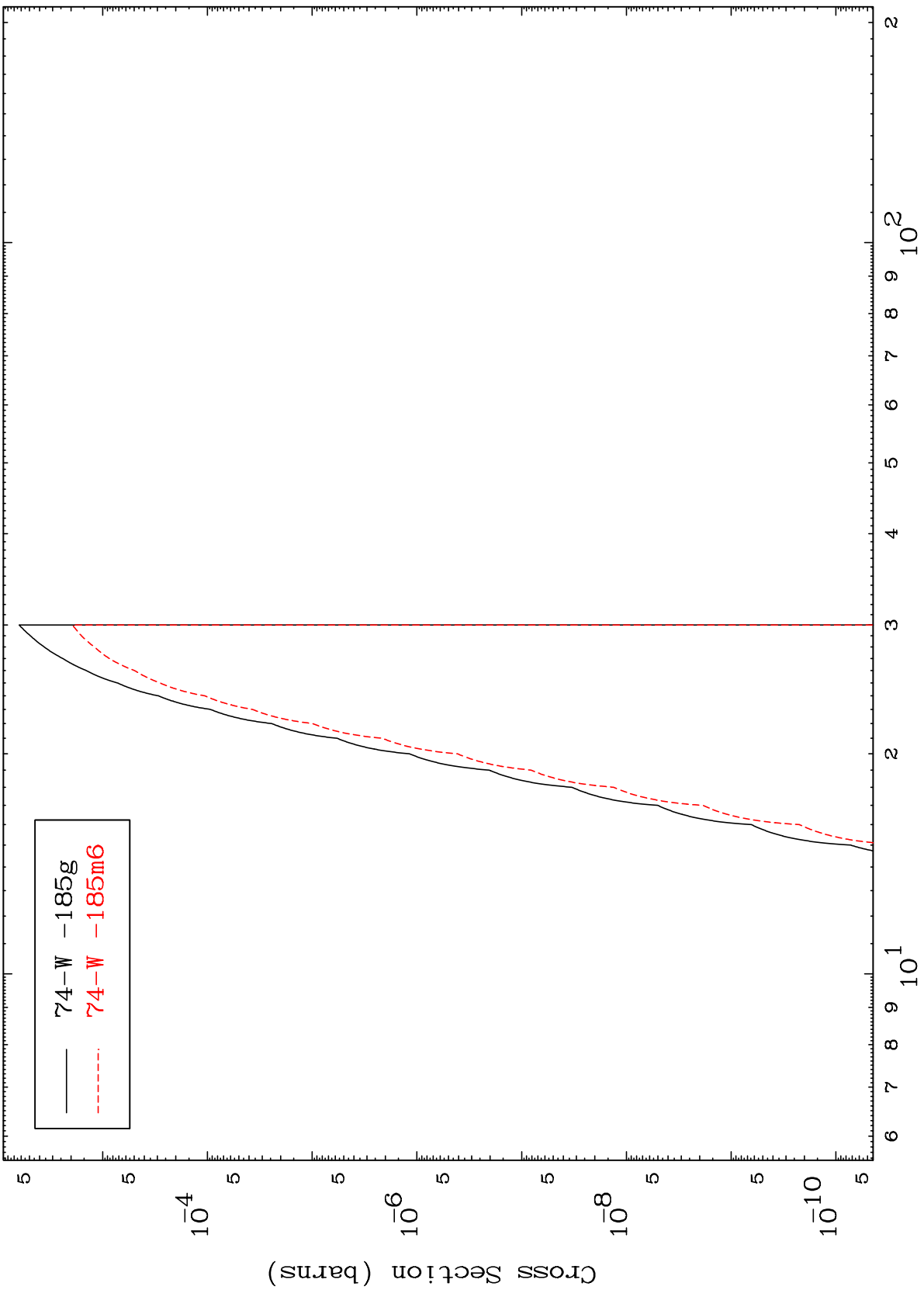


MAT 7643

(n,2n)  $\alpha$

76-Os-190

Radionuclide Production Cross Section



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

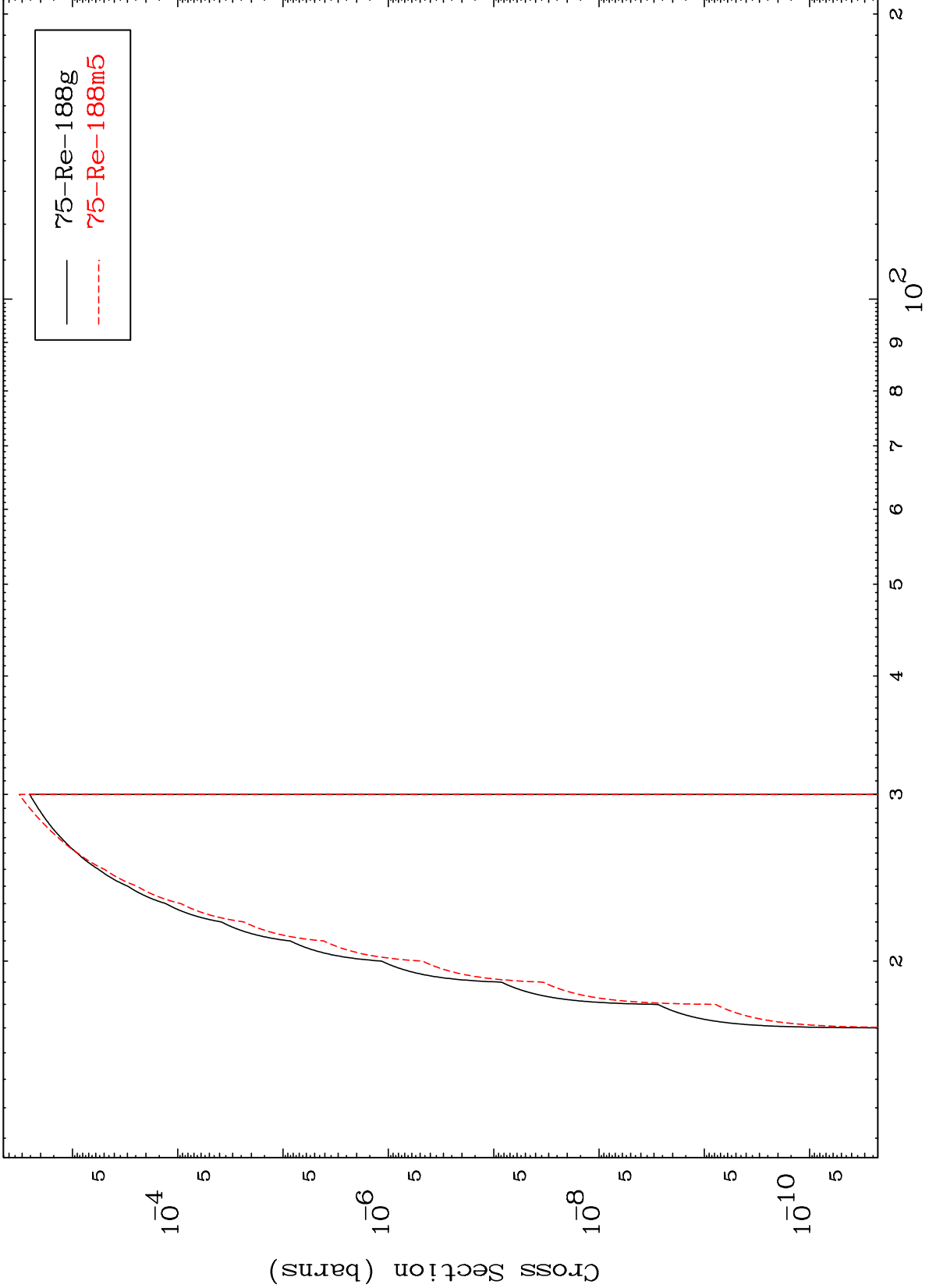
127

Incident Energy (MeV)

76-Os-190



Radionuclide Production Cross Section

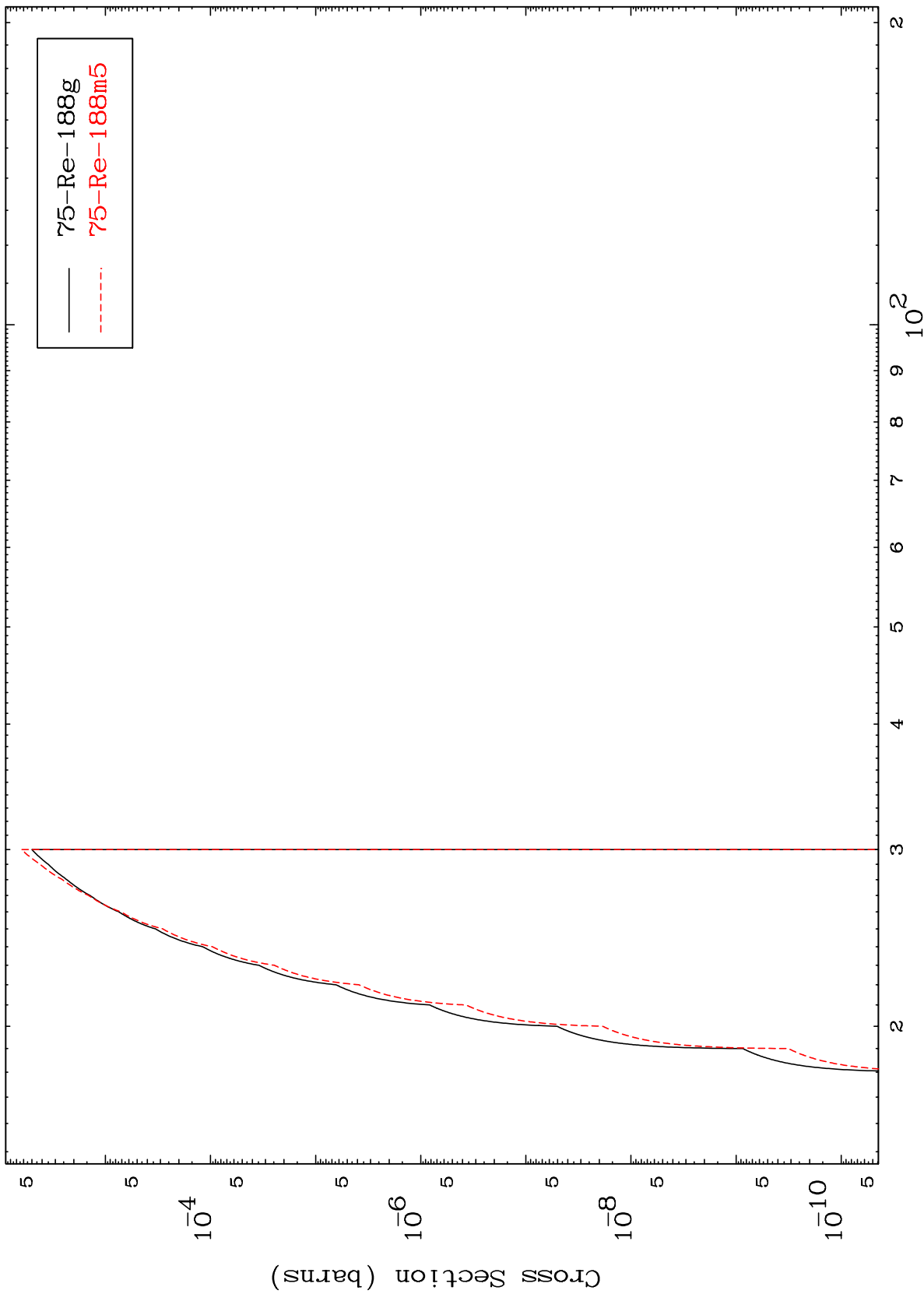


MAT 7643

(n,2n) p

76-Os-190

Radionuclide Production Cross Section



129

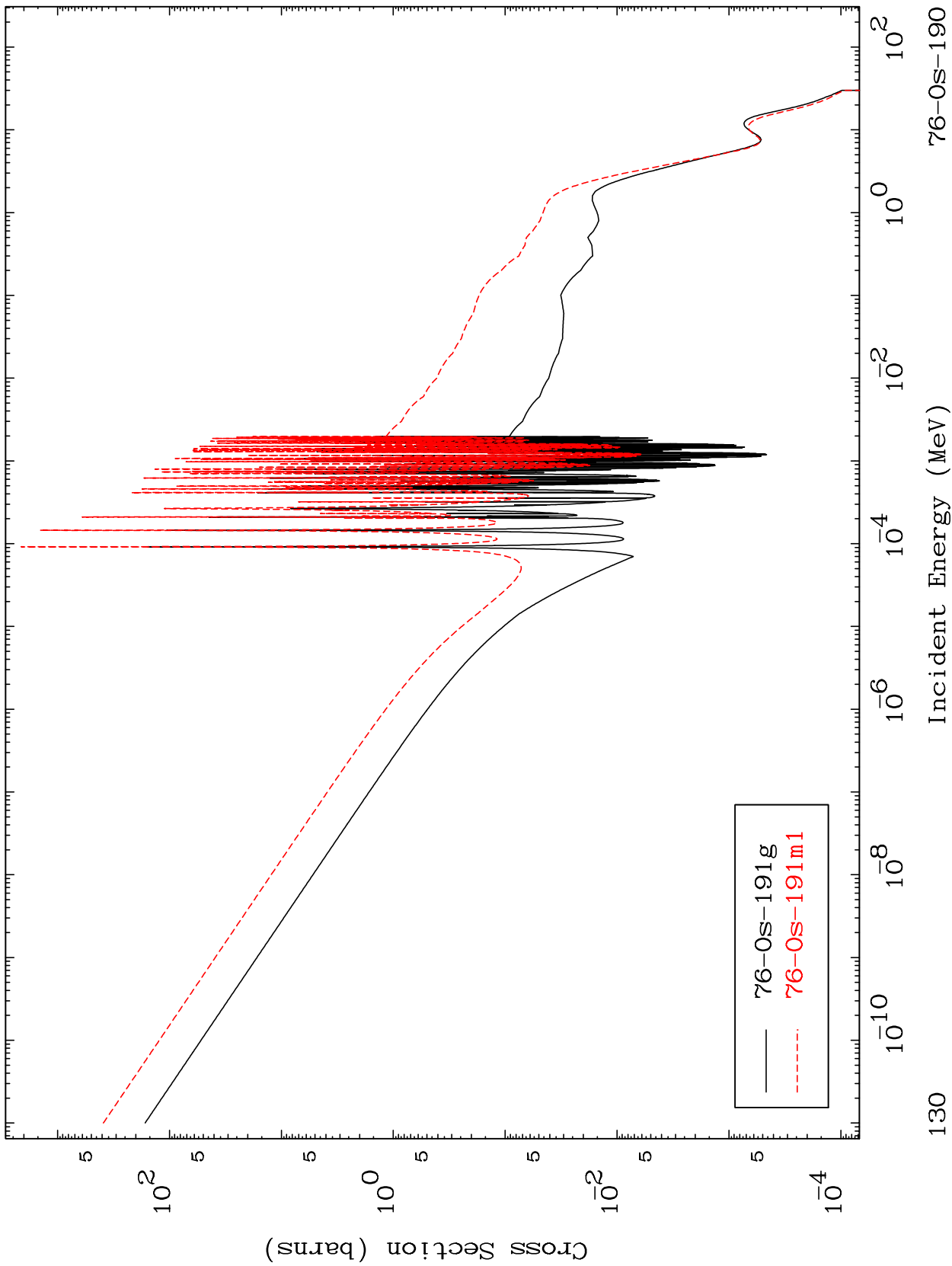
Incident Energy (MeV)

76-Os-190

MAT 7643

76-Os-190

$(n, \gamma)$   
Radionuclide Production Cross Section



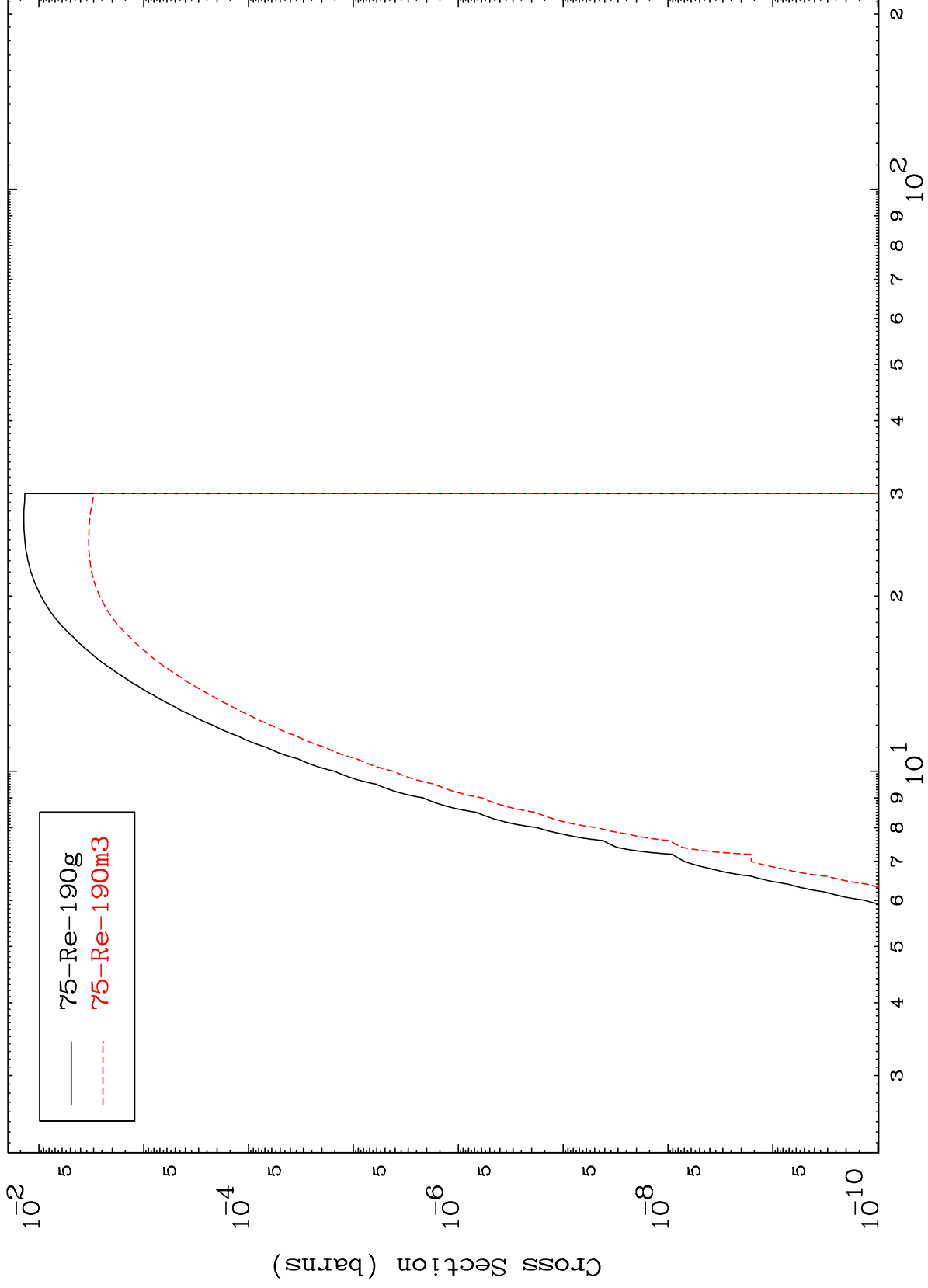
130

76-Os-190

MAT 7643

76-Os-190

(n,p)  
Radionuclide Production Cross Section



131

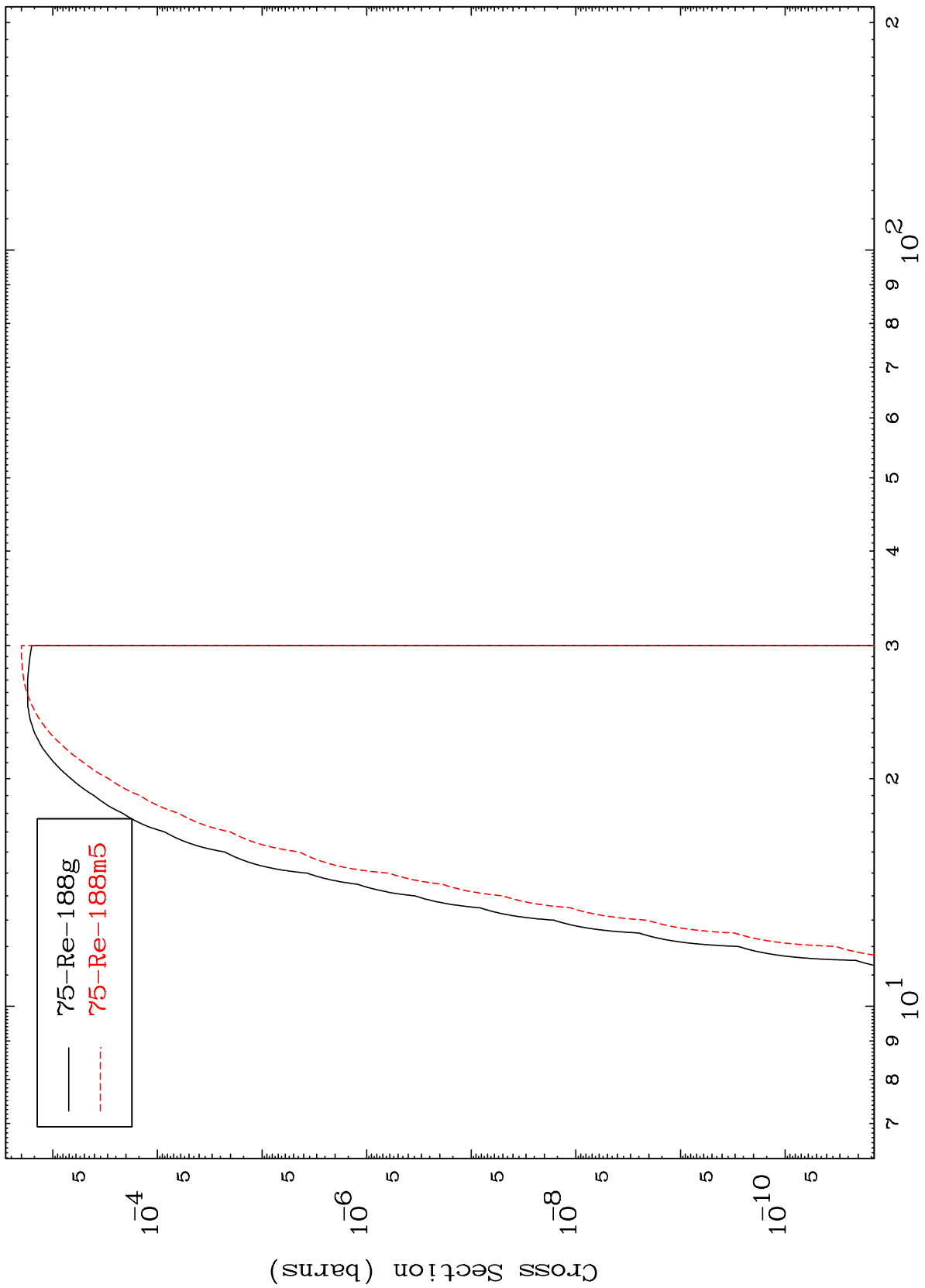
76-Os-190

Incident Energy (MeV)

MAT 7643

76-0s-190

Radionuclide Production Cross Section  
(n, t)



132

Incident Energy (MeV)

76-0s-190