

Program EVALPLOT  
(Version 2021-1)

by

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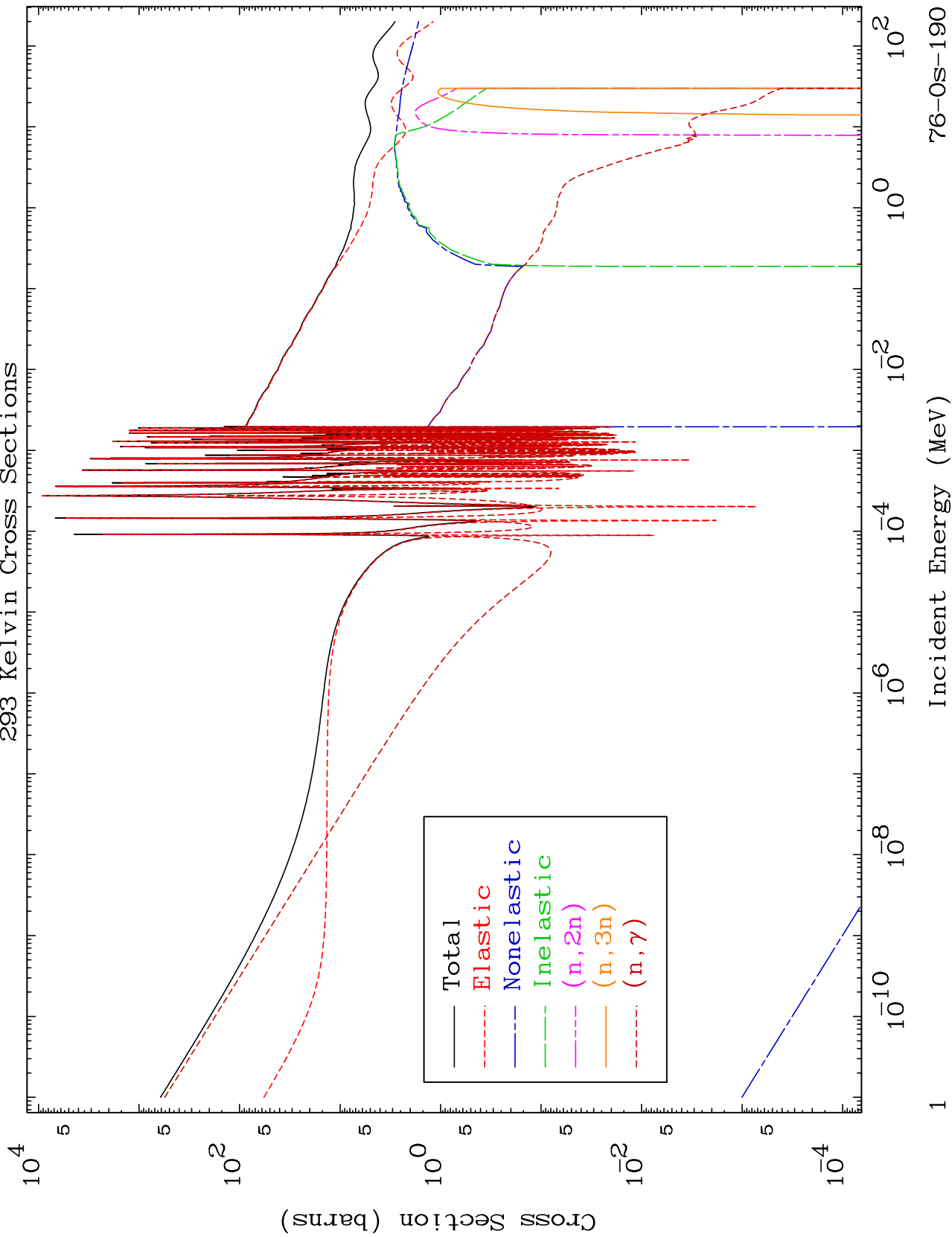
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7643

Neutron Major  
293 Kelvin Cross Sections

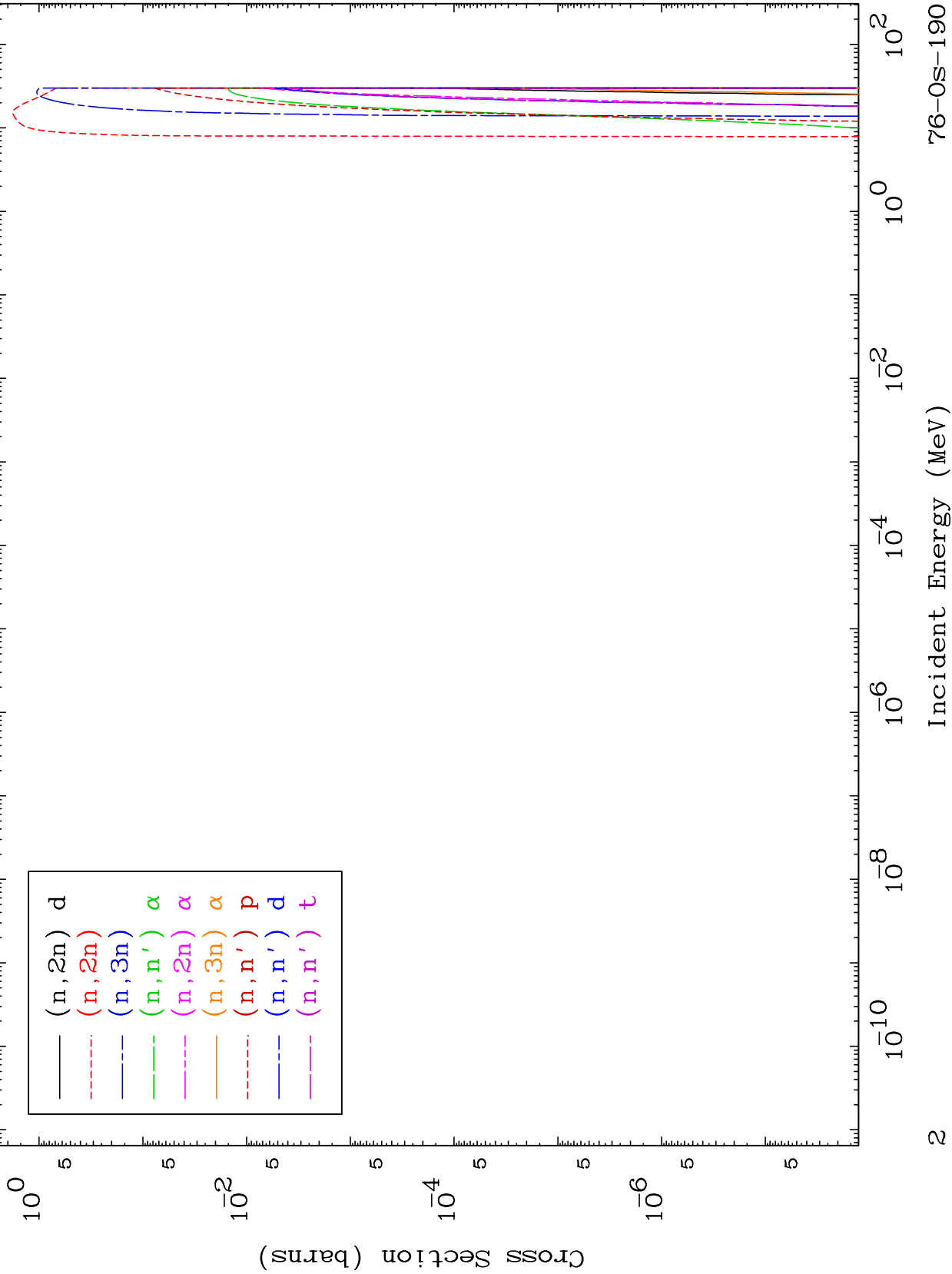
76-Os-190



MAT 7643

Neutron Absorption  
293 Kelvin Cross Sections

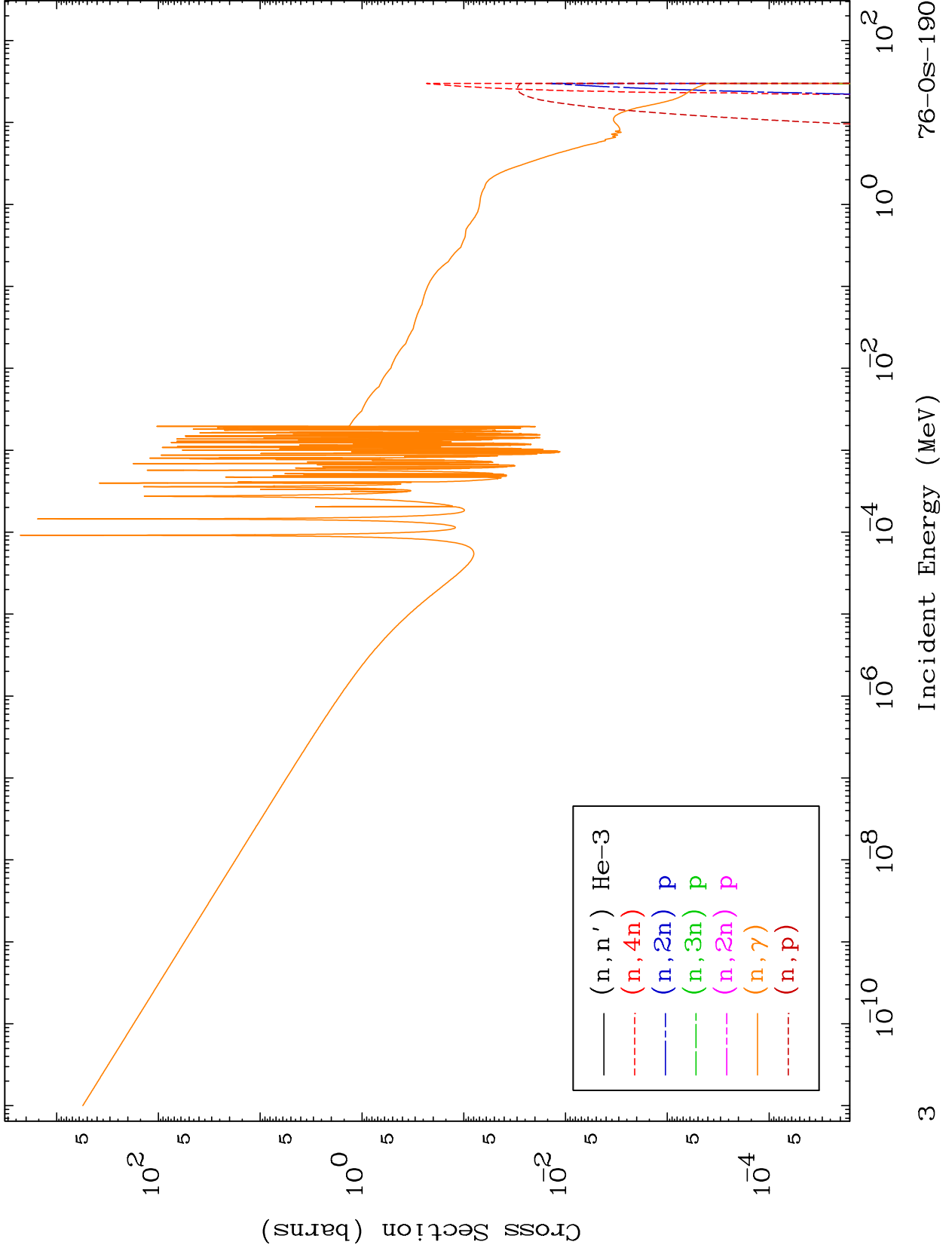
76-Os-190



MAT 7643

Neutron Absorption  
293 Kelvin Cross Sections

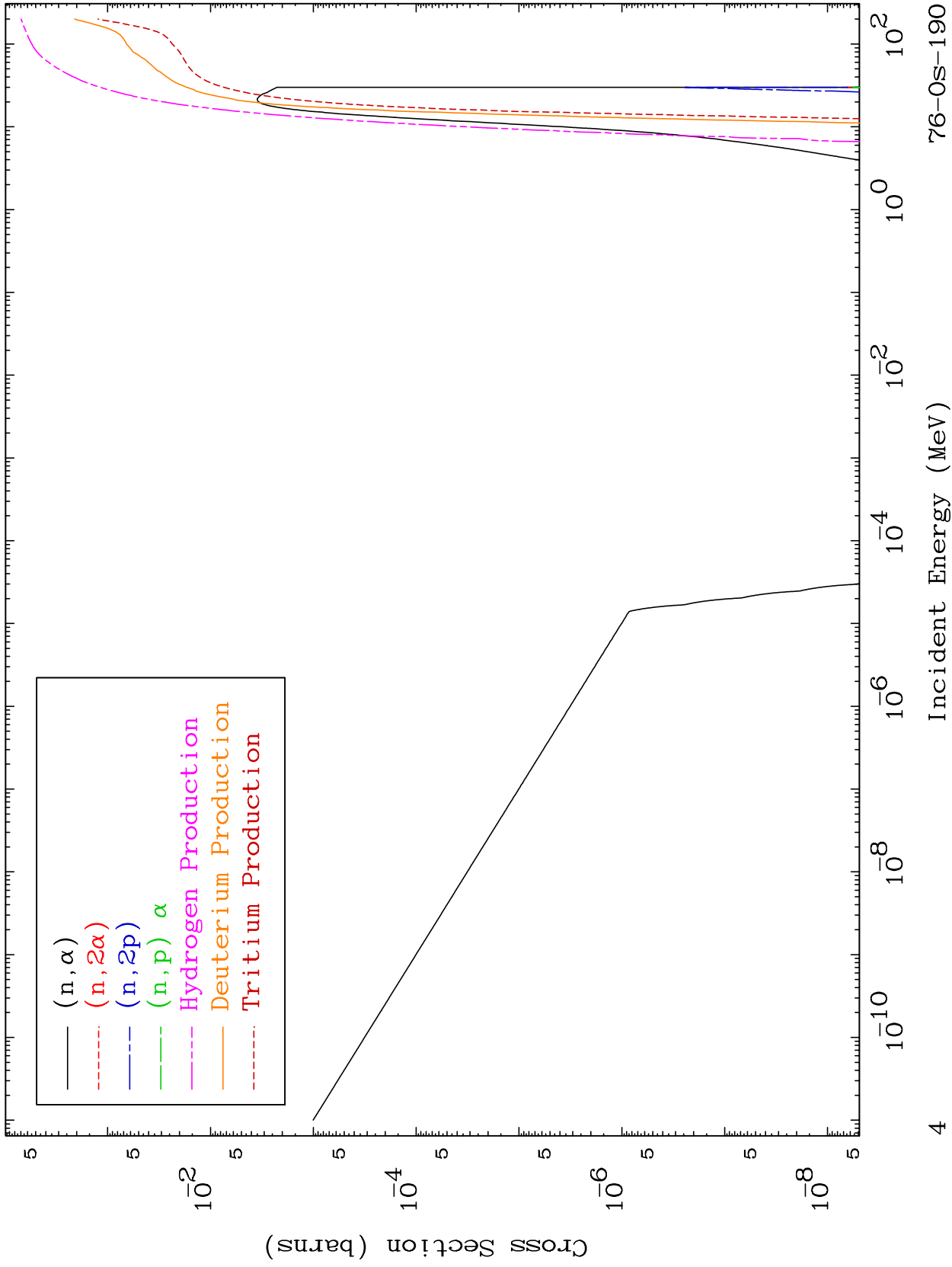
76-Os-190



MAT 7643

Neutron Absorption  
293 Kelvin Cross Sections

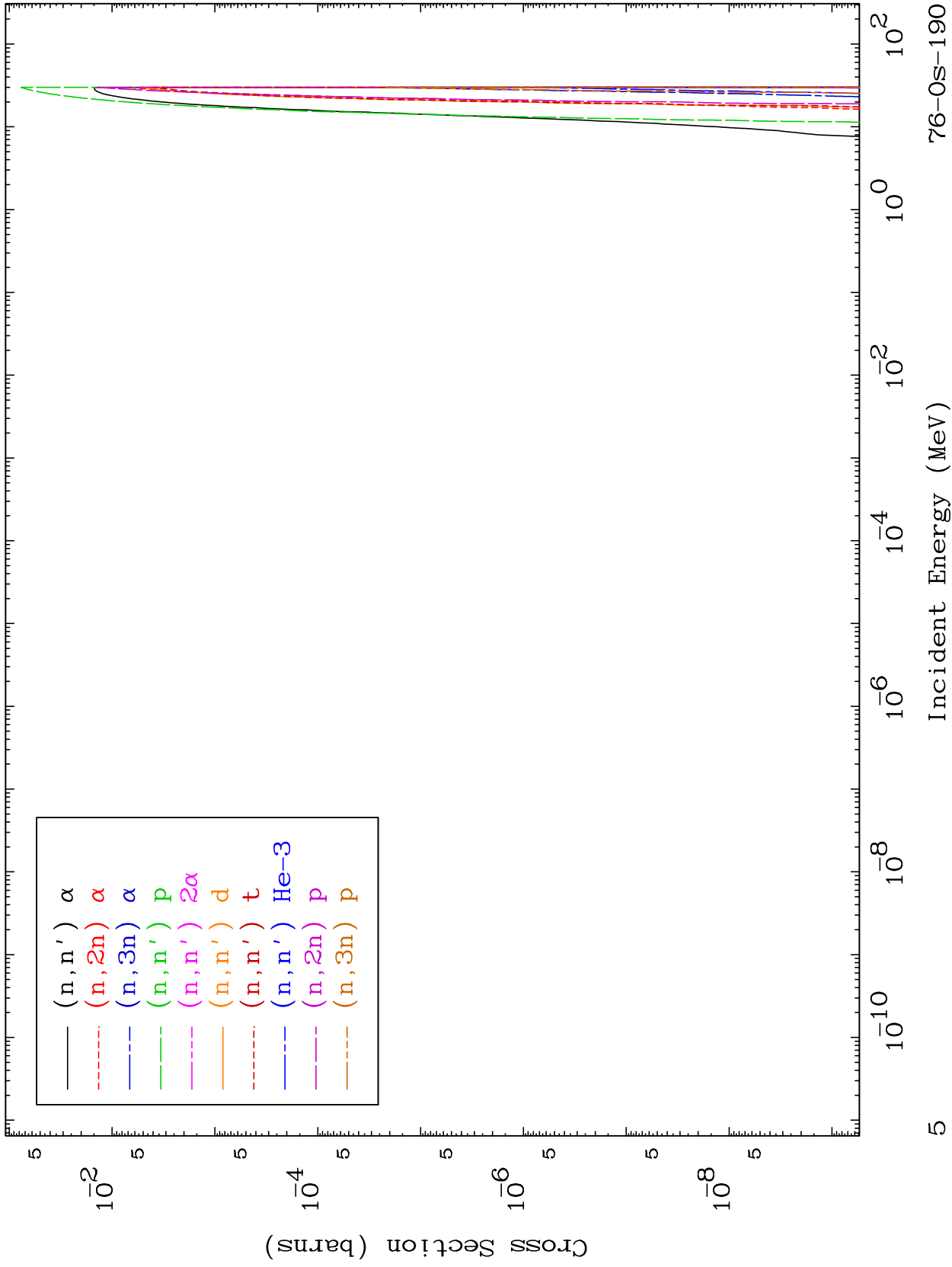
76-Os-190



MAT 7643

Charged Particle  
293 Kelvin Cross Sections

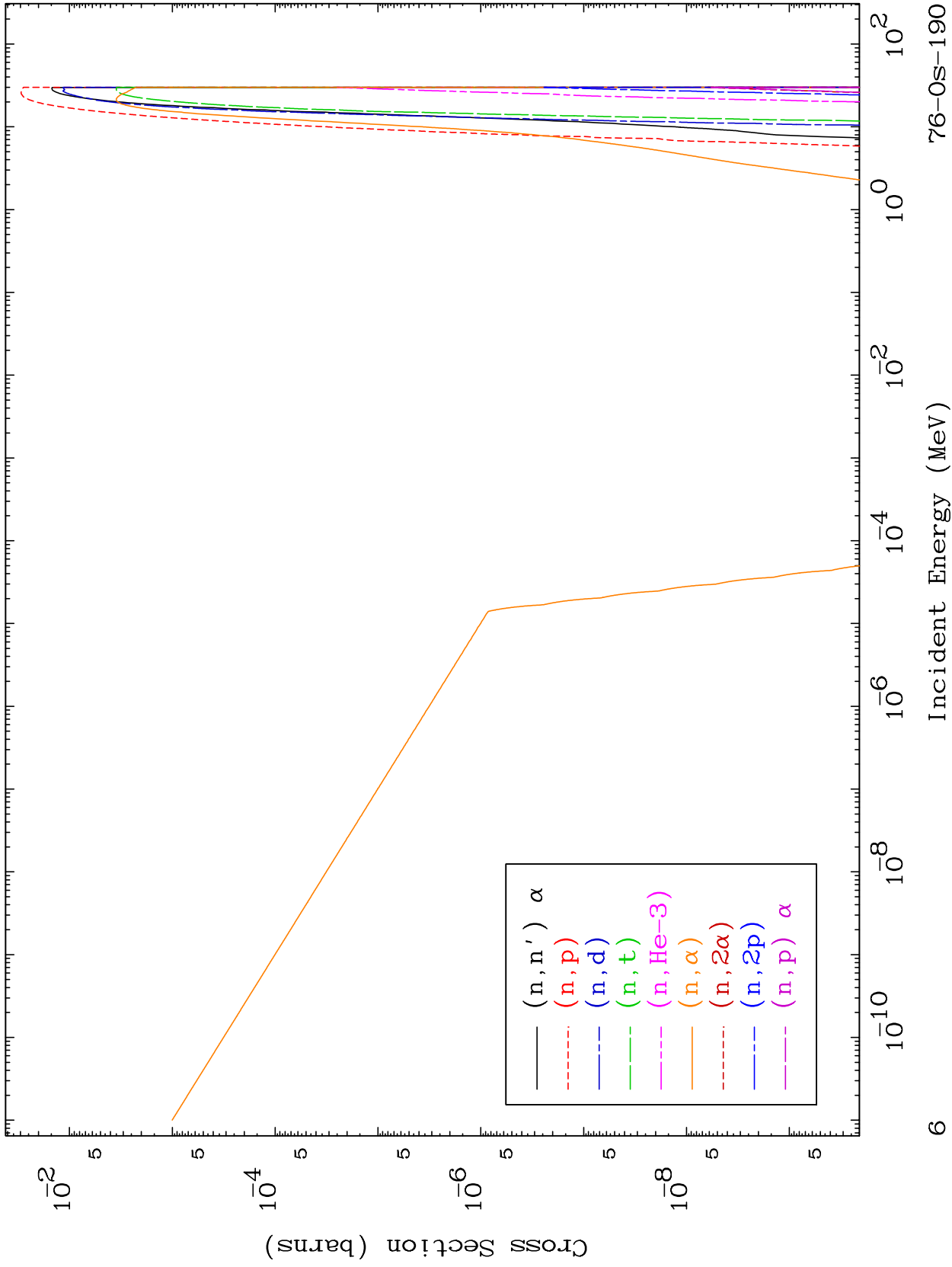
76-Os-190



MAT 7643

Charged Particle  
293 Kelvin Cross Sections

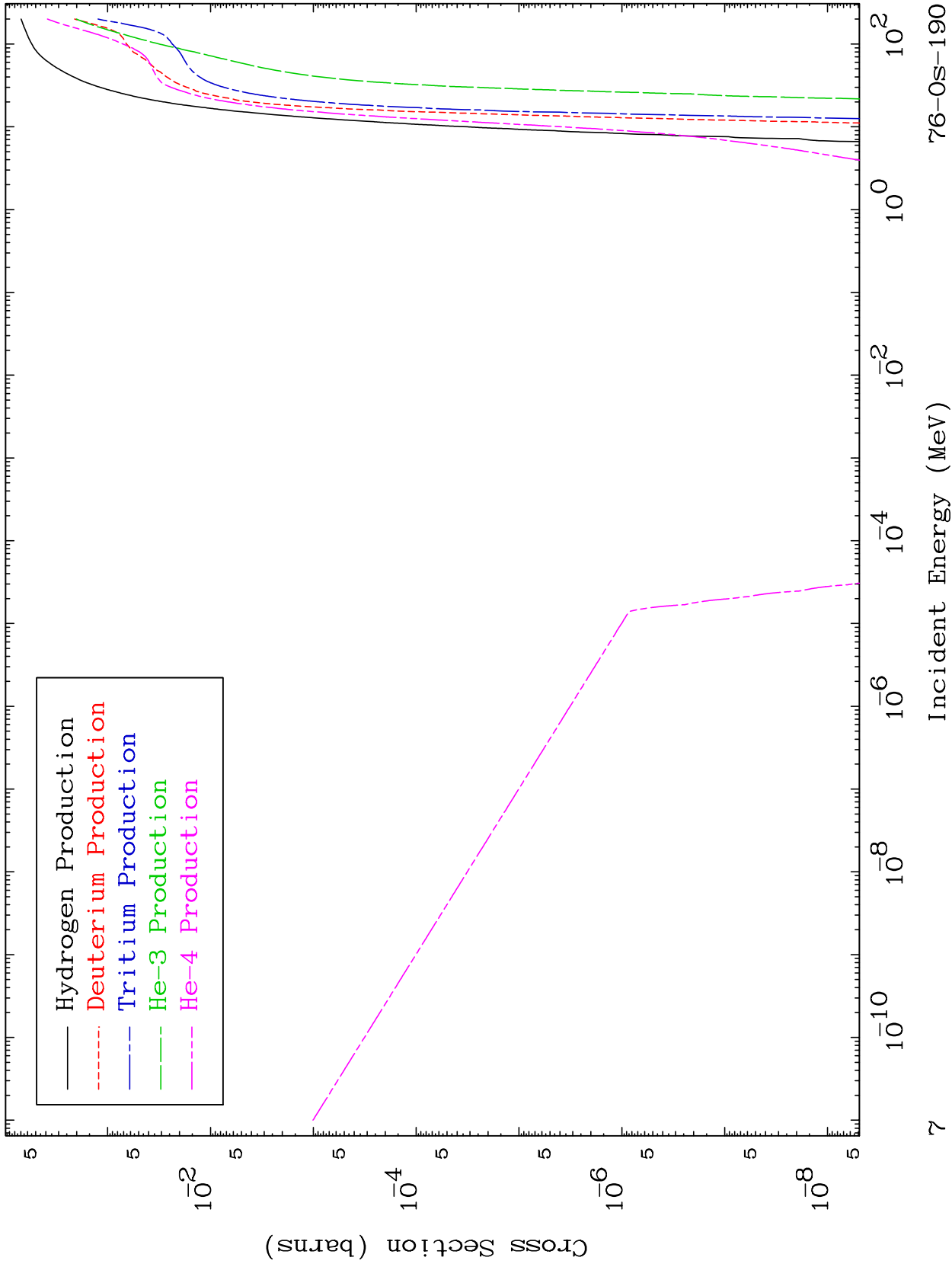
76-Os-190



MAT 7643

Particle Production  
293 Kelvin Cross Sections

76-Os-190

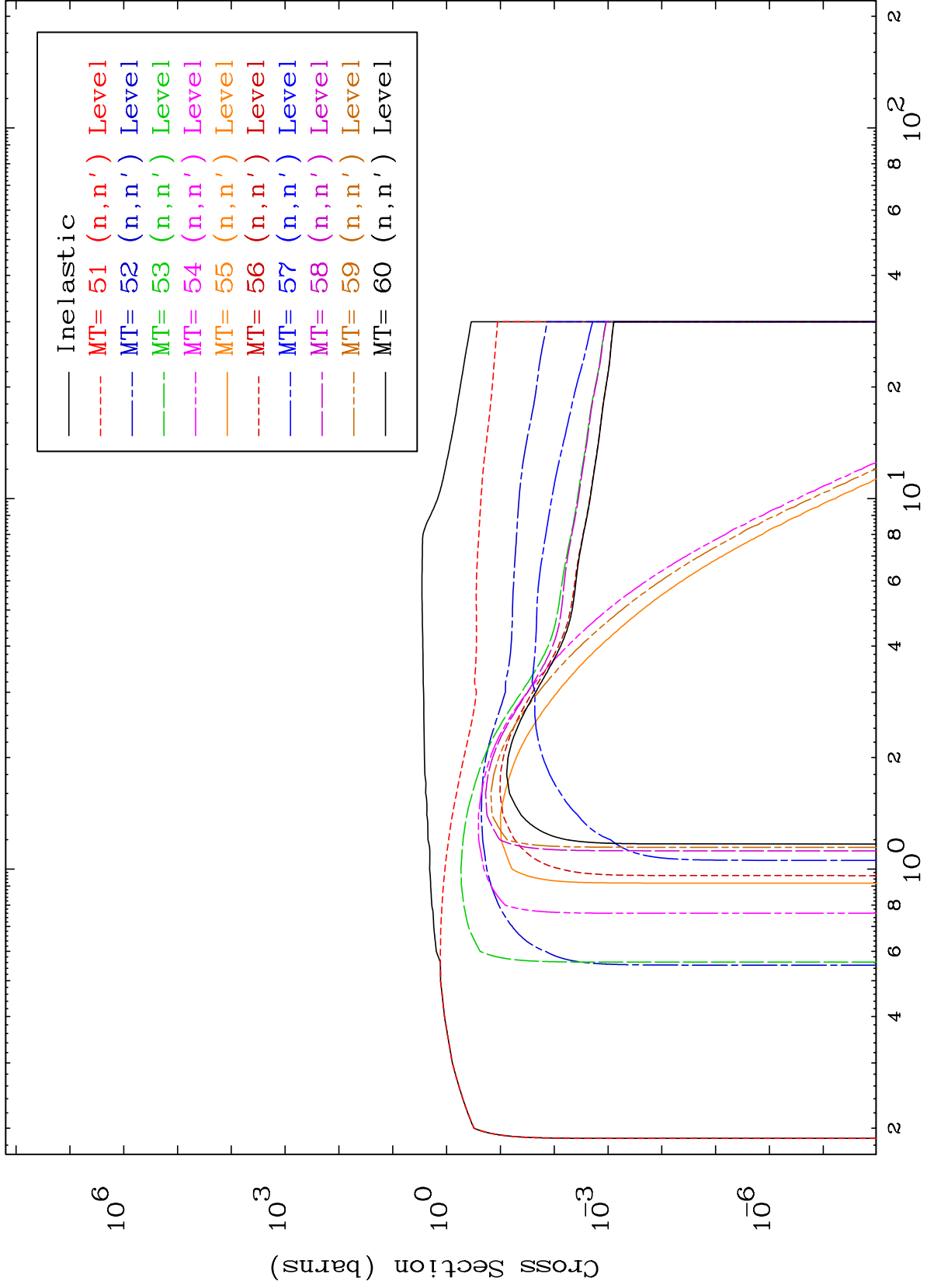


MAT 7643

(n,n') Levels

76-Os-190

293 Kelvin Cross Sections



8

Incident Energy (MeV)

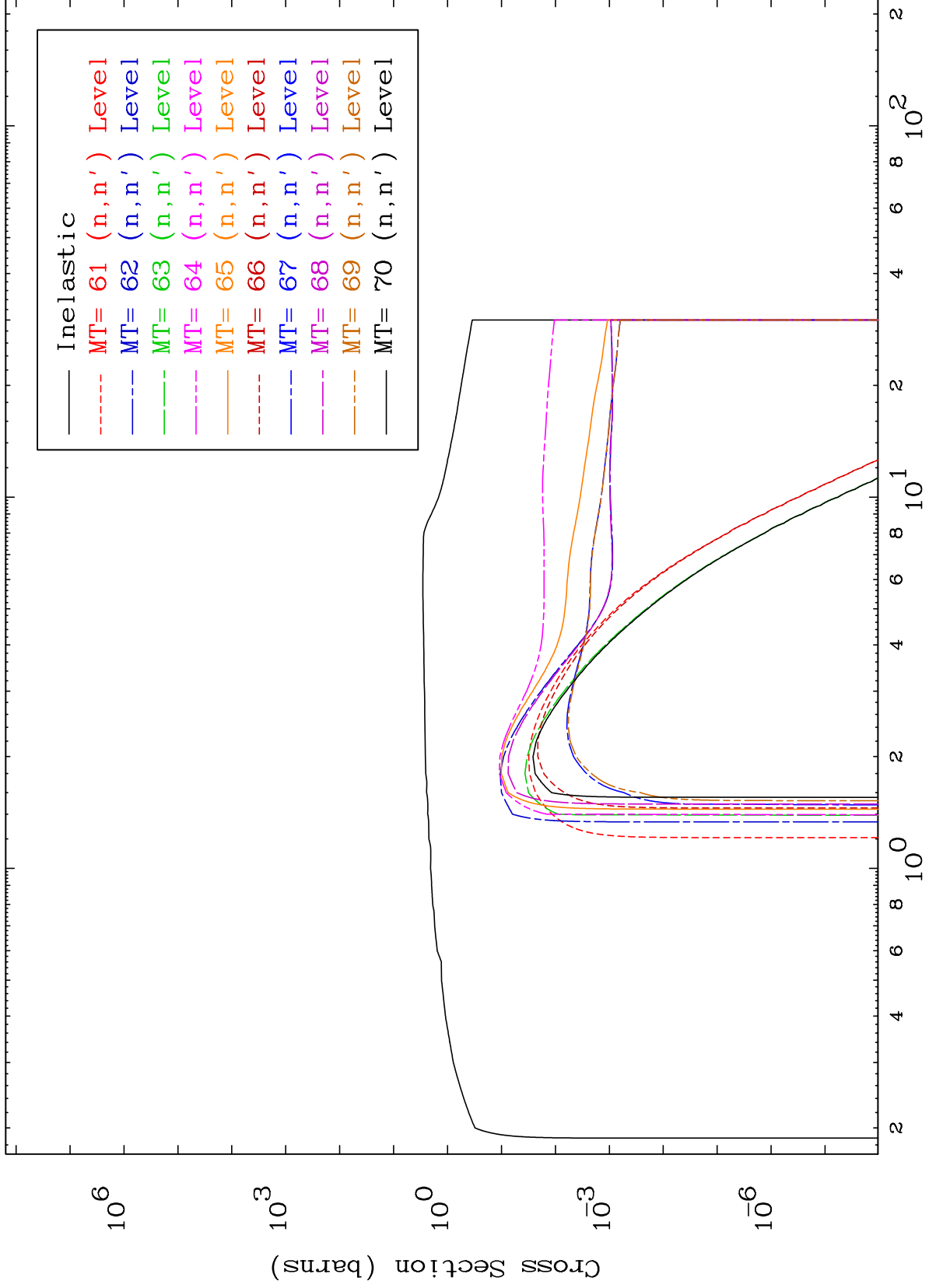
76-Os-190

MAT 7643

(n,n') Levels

76-Os-190

293 Kelvin Cross Sections

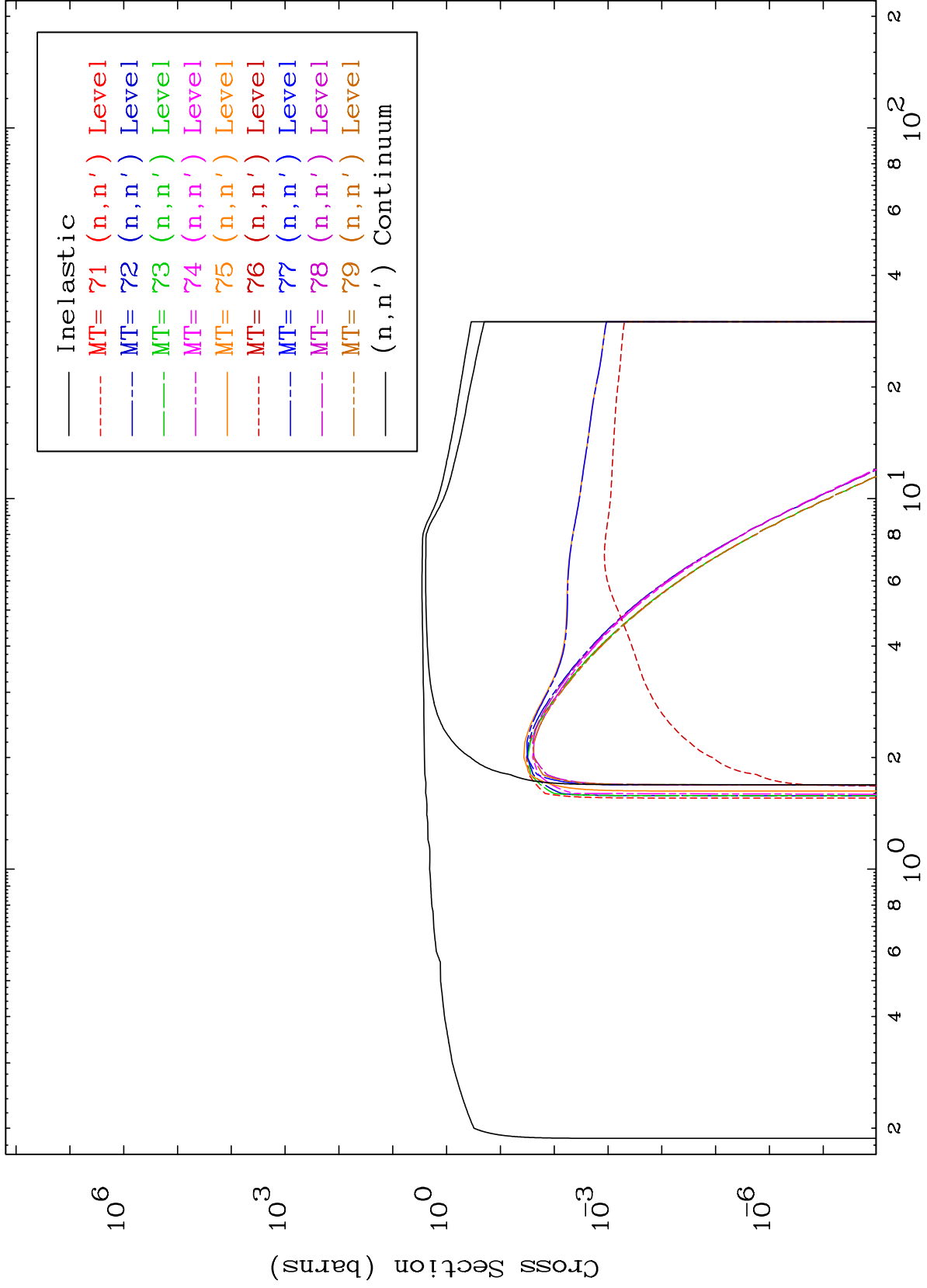


MAT 7643

(n,n') Levels

76-Os-190

293 Kelvin Cross Sections



10

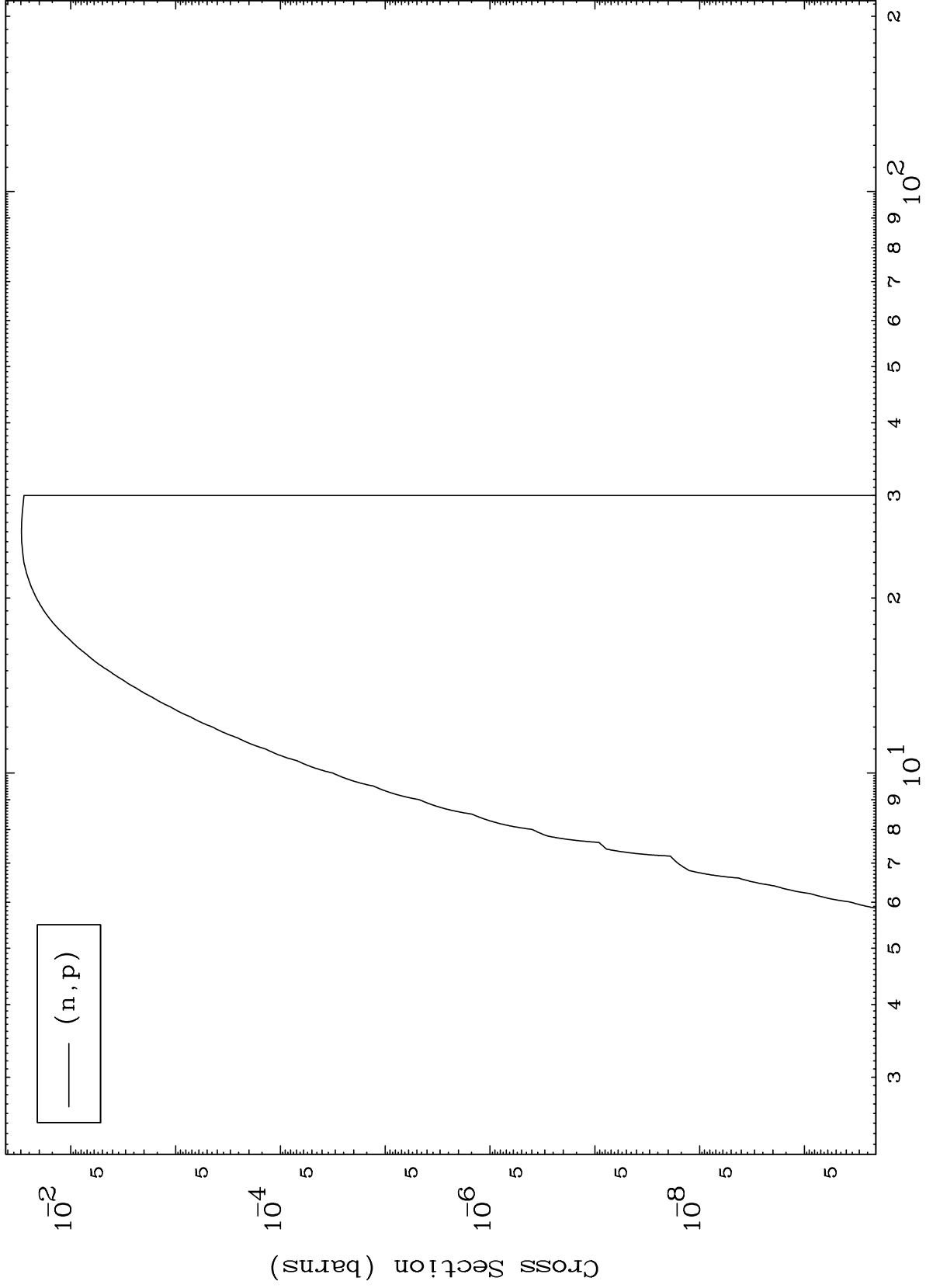
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,p) Levels  
293 Kelvin Cross Sections

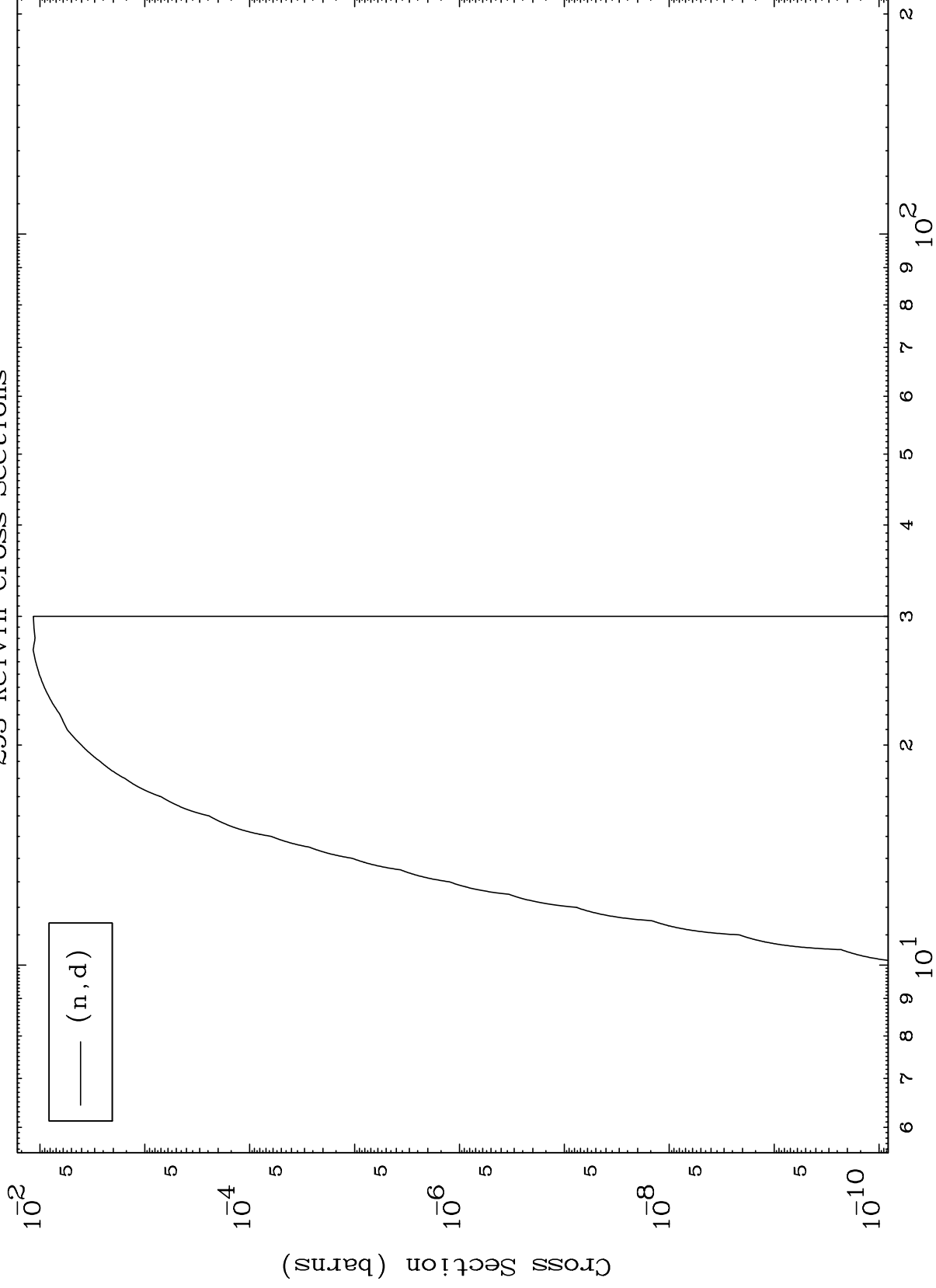
76-Os-190



MAT 7643

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-190



12

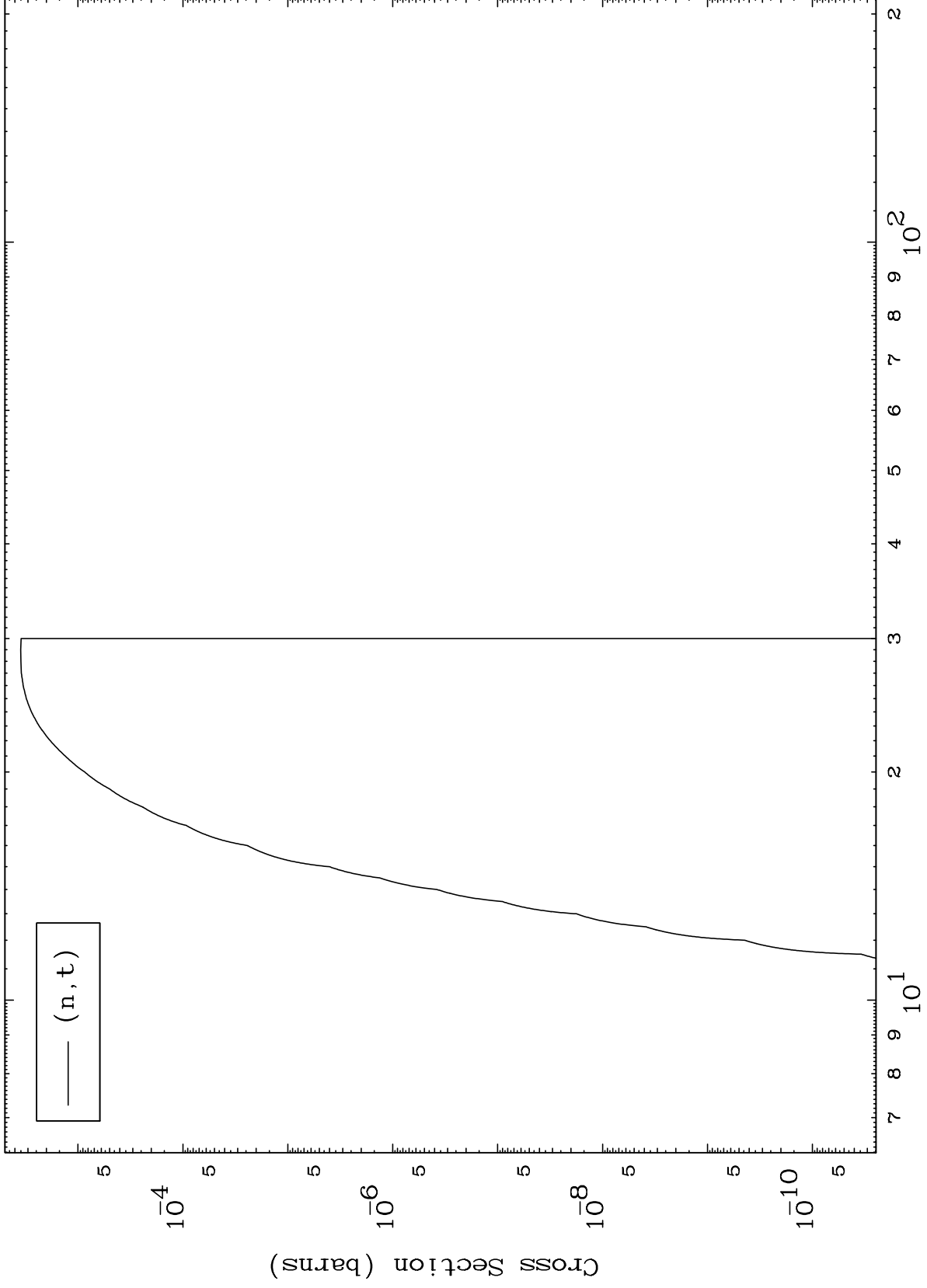
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-190



13

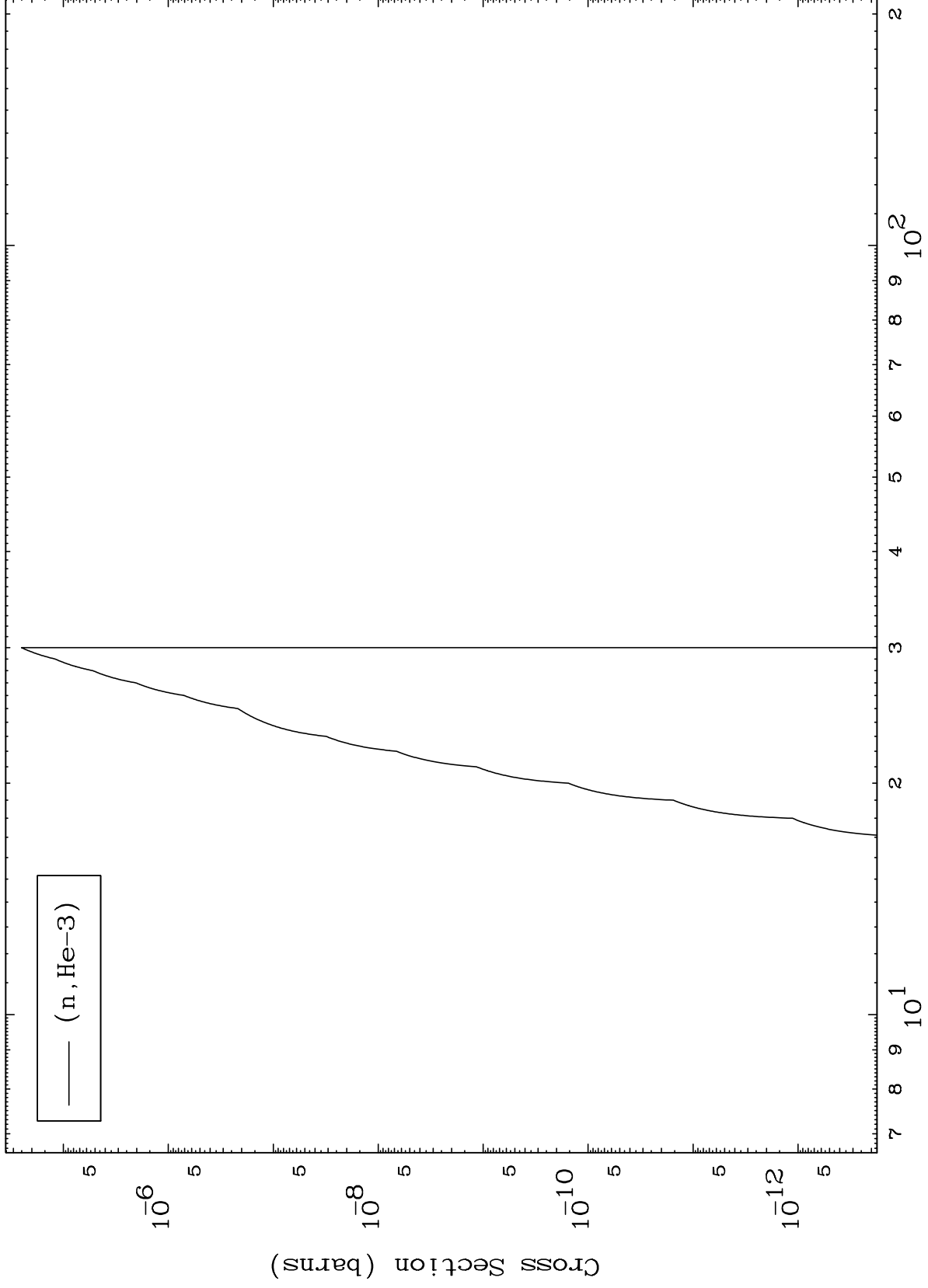
Incident Energy (MeV)

76-Os-190

MAT 7643

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-190



14

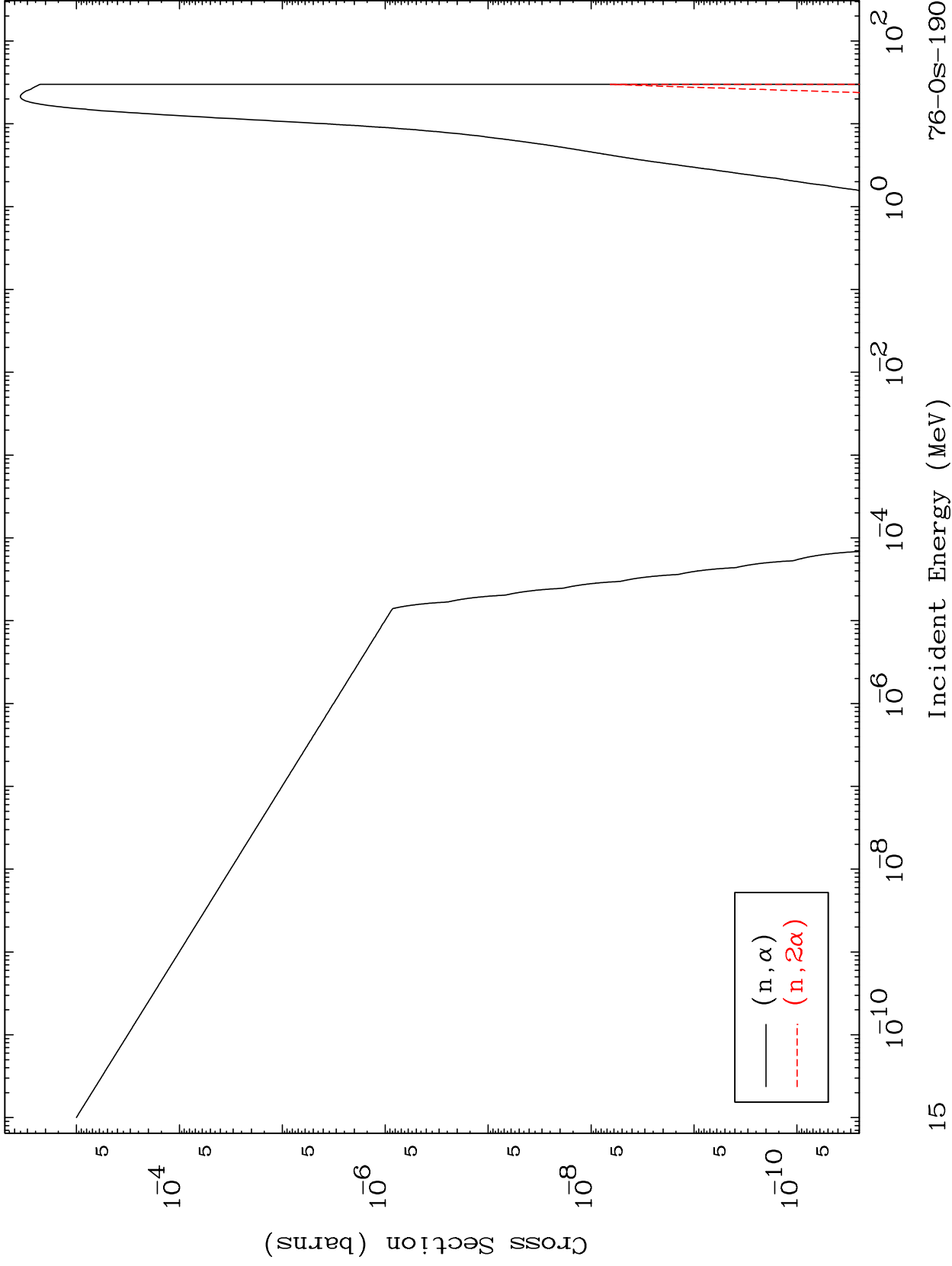
Incident Energy (MeV)

76-Os-190

MAT 7643

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

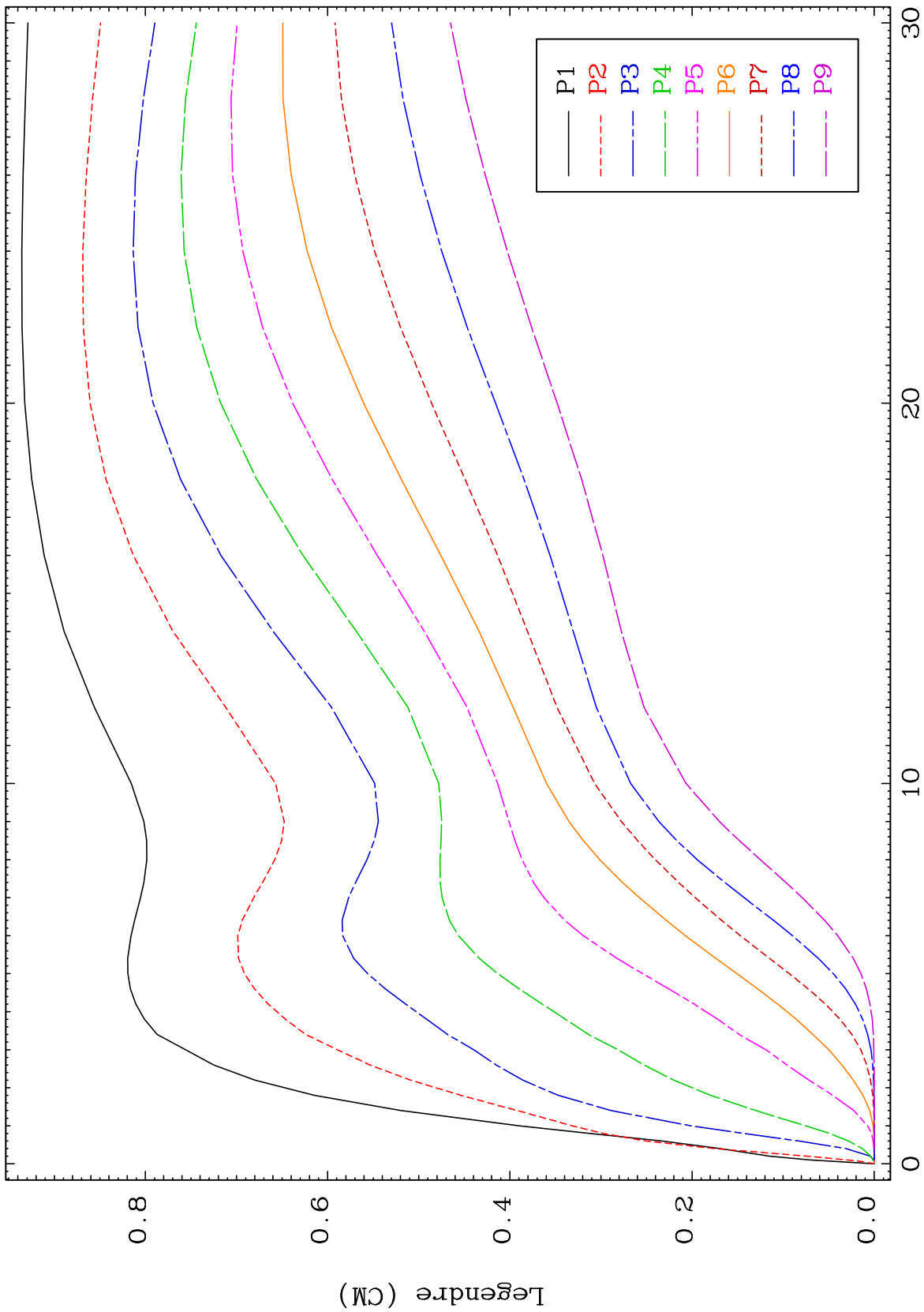
76-Os-190



MAT 7643

Elastic Legendre Coefficients

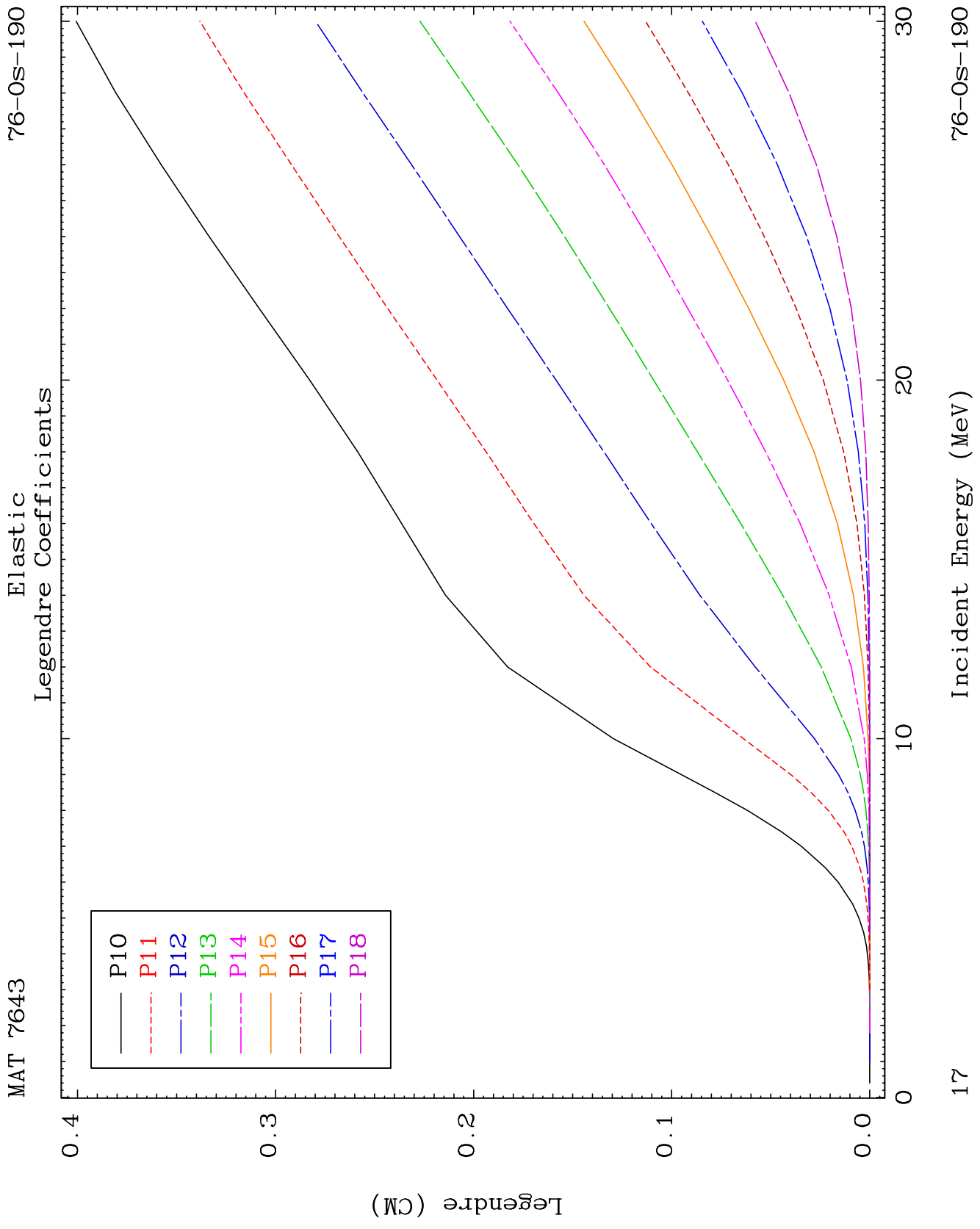
76-Os-190



16

Incident Energy (MeV)

76-Os-190



MAT 7643

Elastic Legendre Coefficients

76-Os-190

17

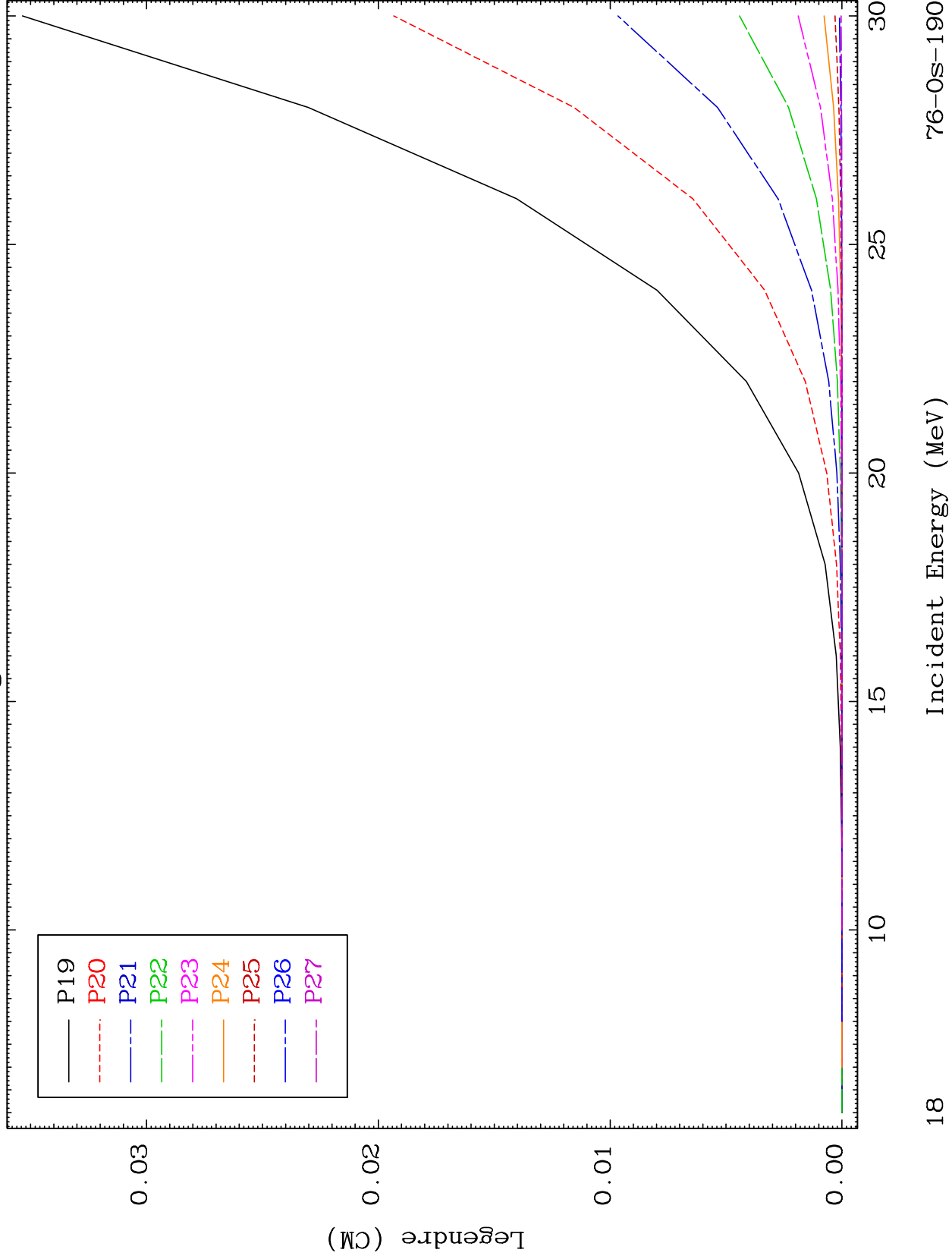
Incident Energy (MeV)

76-Os-190

MAT 7643

### Elastic Legendre Coefficients

76-0s-190



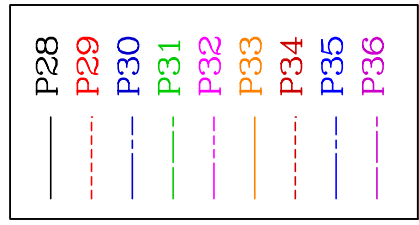
18

76-0s-190

MAT 7643

Elastic Legendre Coefficients

76-0s-190



$\times 10^{-5}$

1.2

0.8

0.4

0.0

Legendre (CM)

15

20

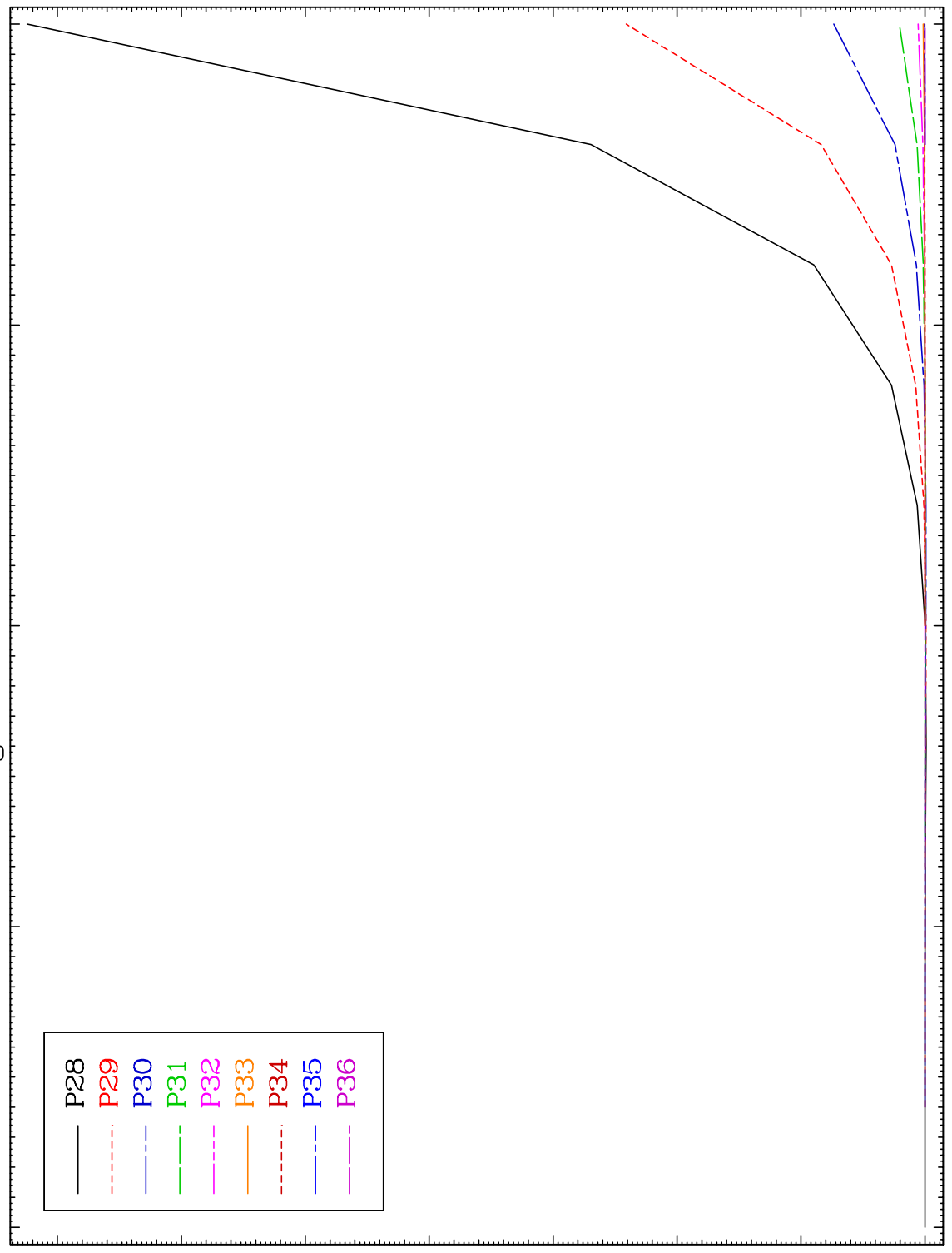
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30

19

Incident Energy (MeV)

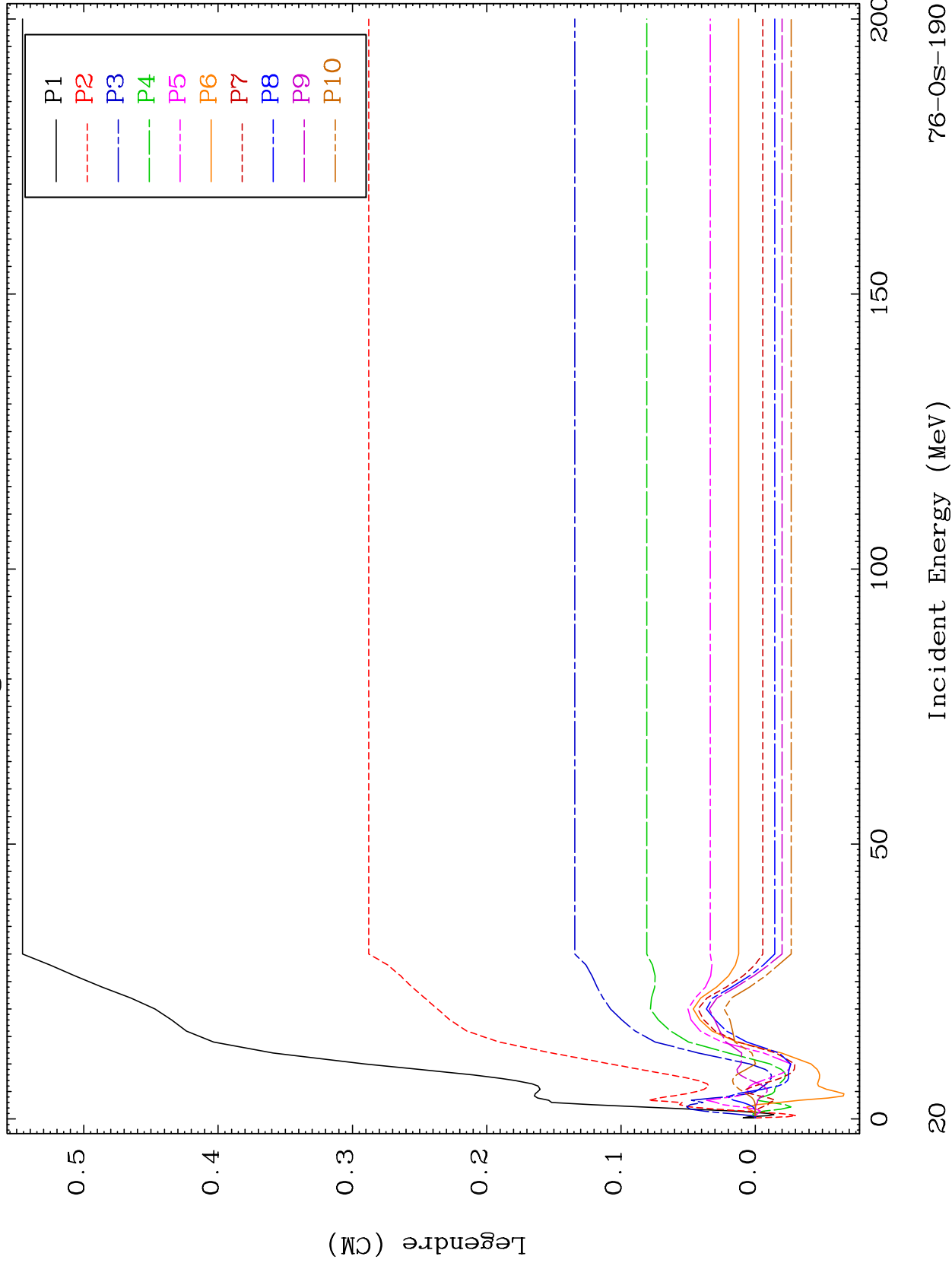
76-0s-190



MAT 7643

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

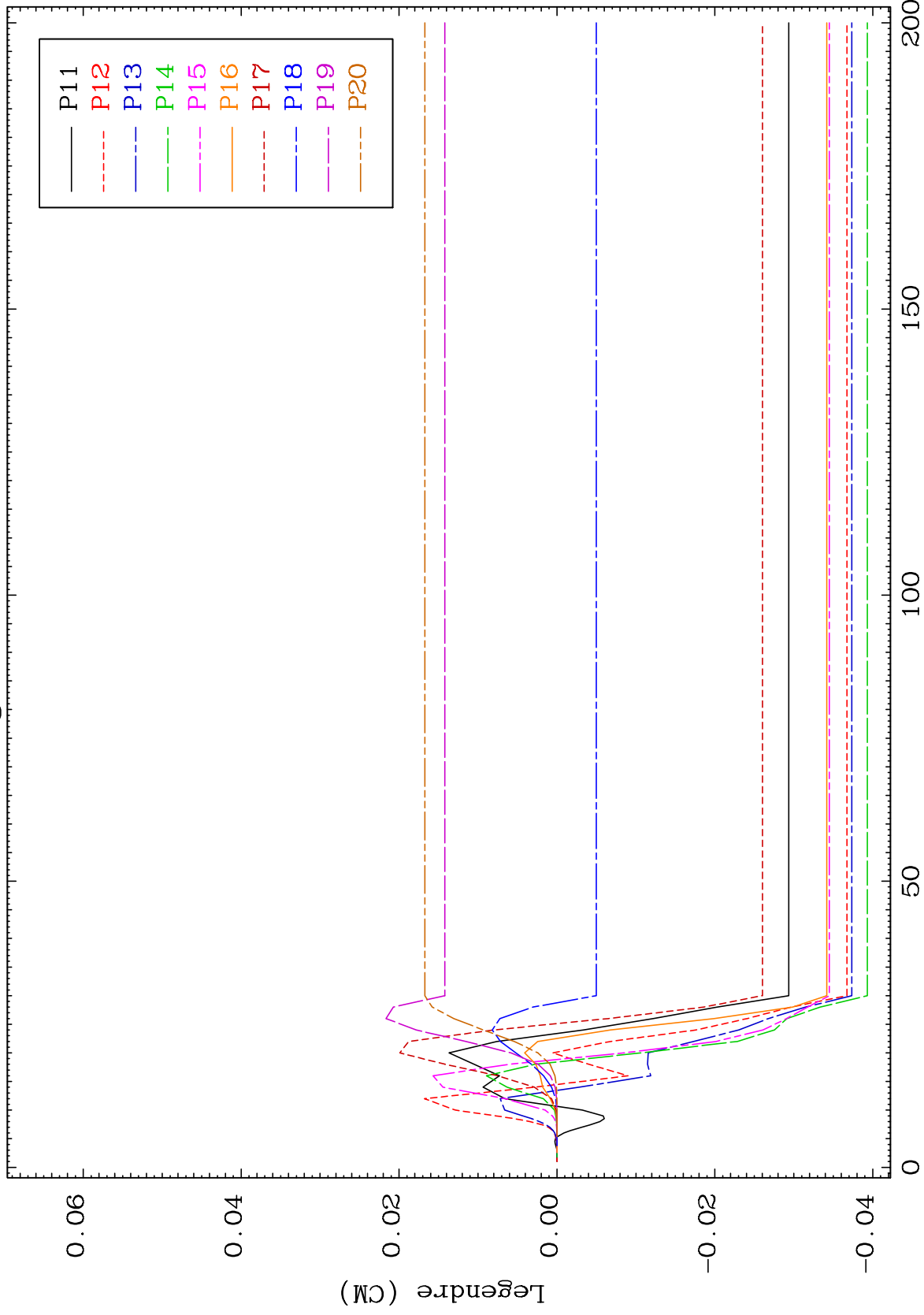
76-Os-190



MAT 7643

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

76-Os-190



21

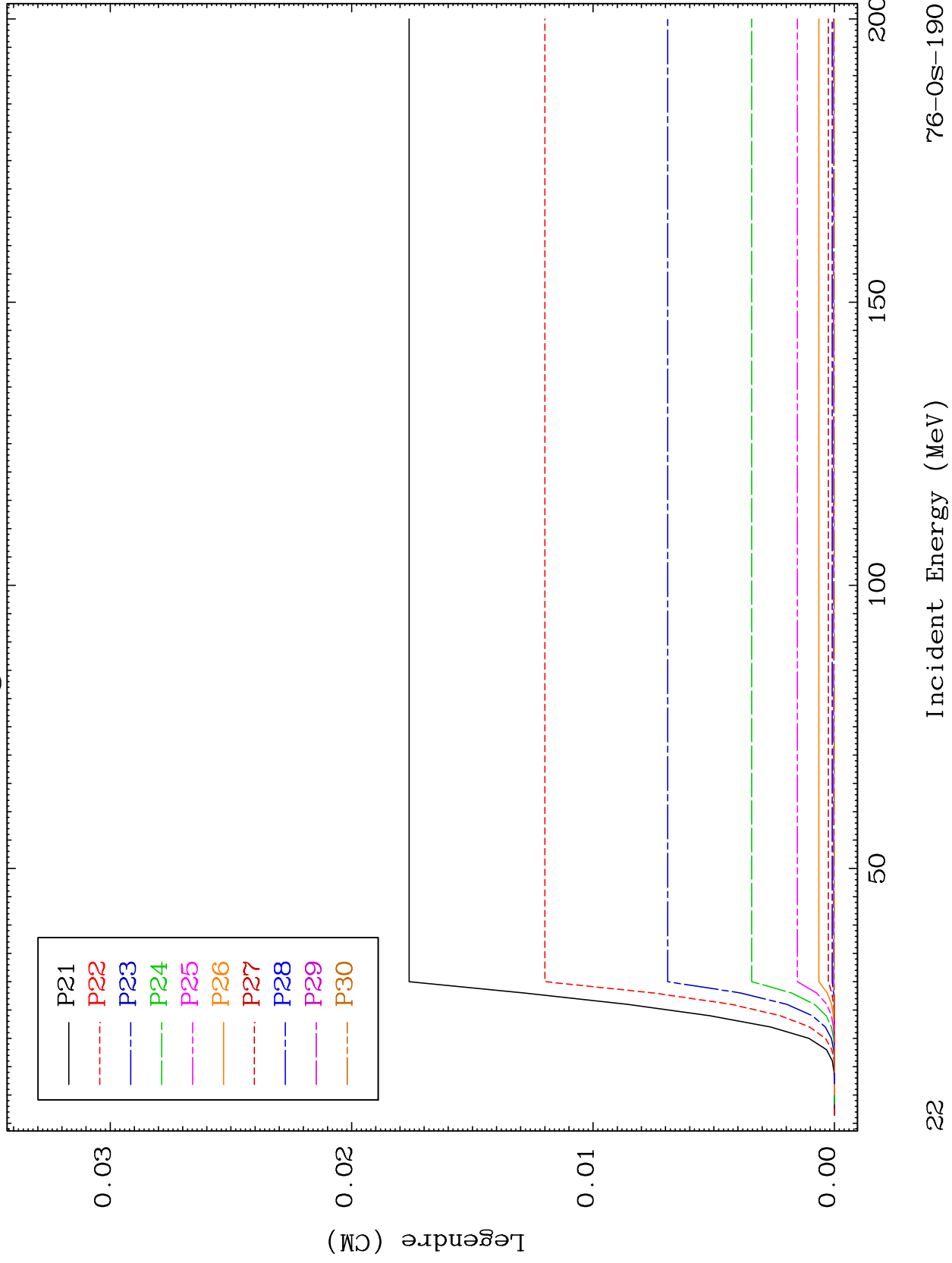
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-0s-190



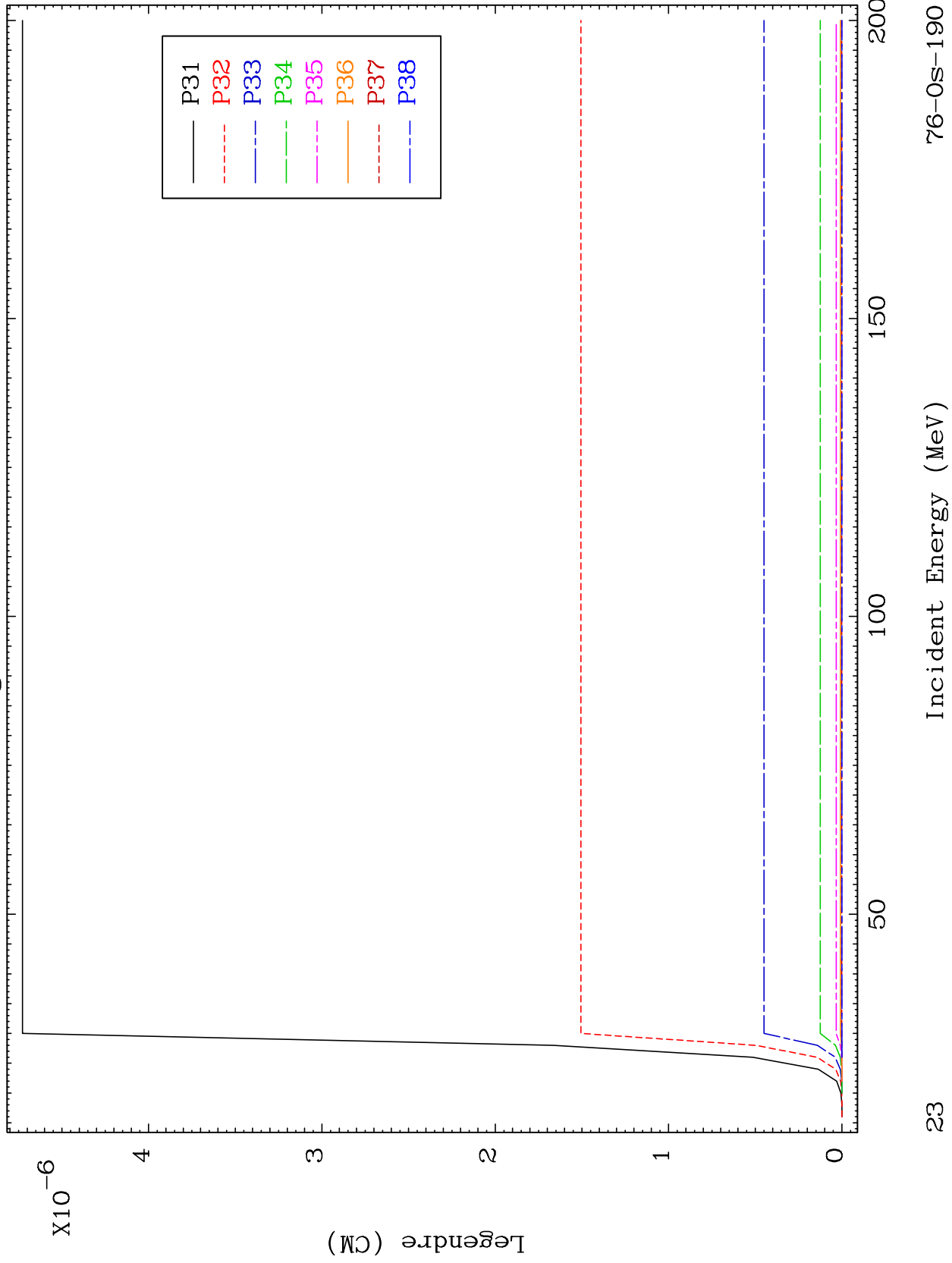
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76-0s-190

MAT 7643

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

76-Os-190



23

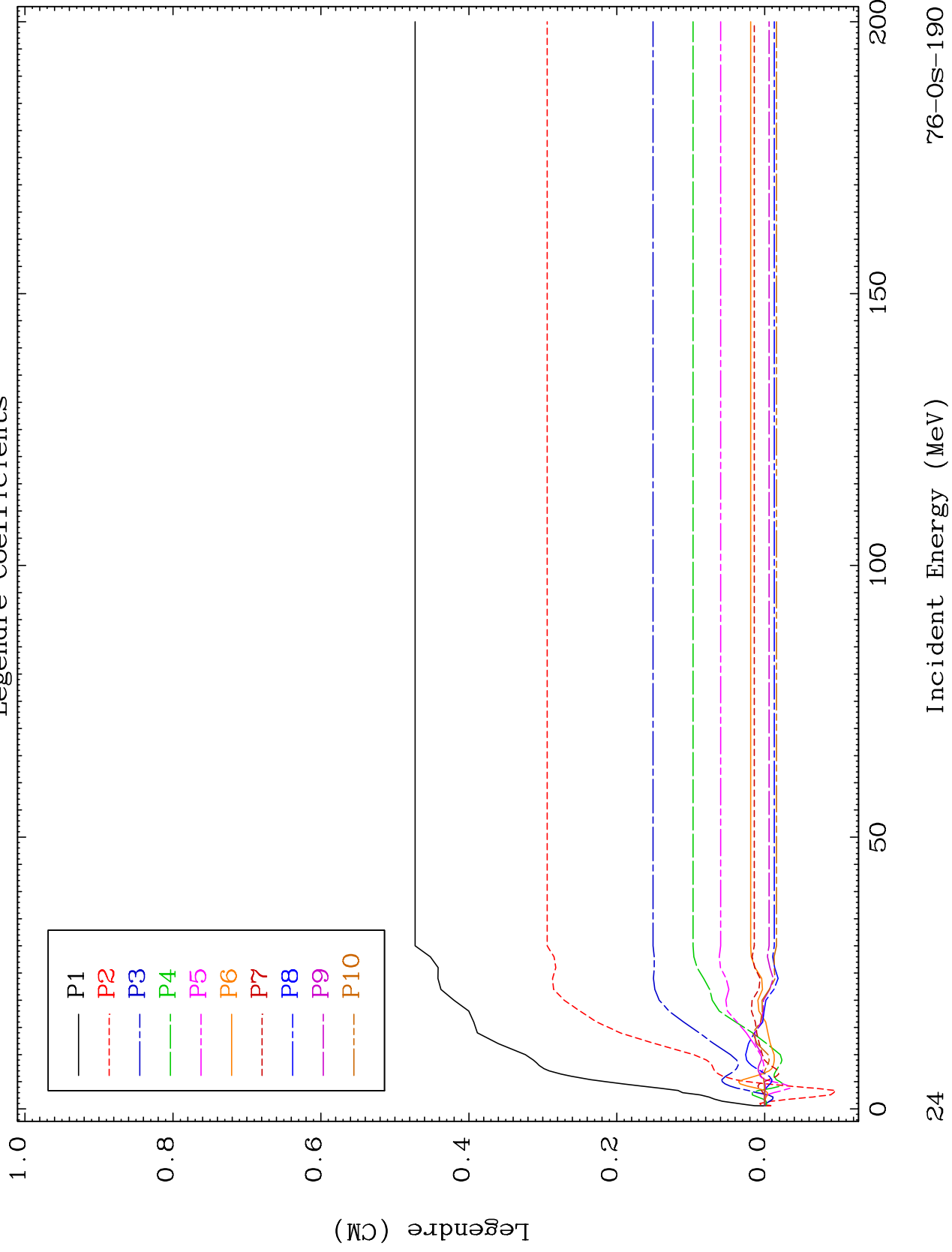
Incident Energy (MeV)

76-Os-190

MAT 7643

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

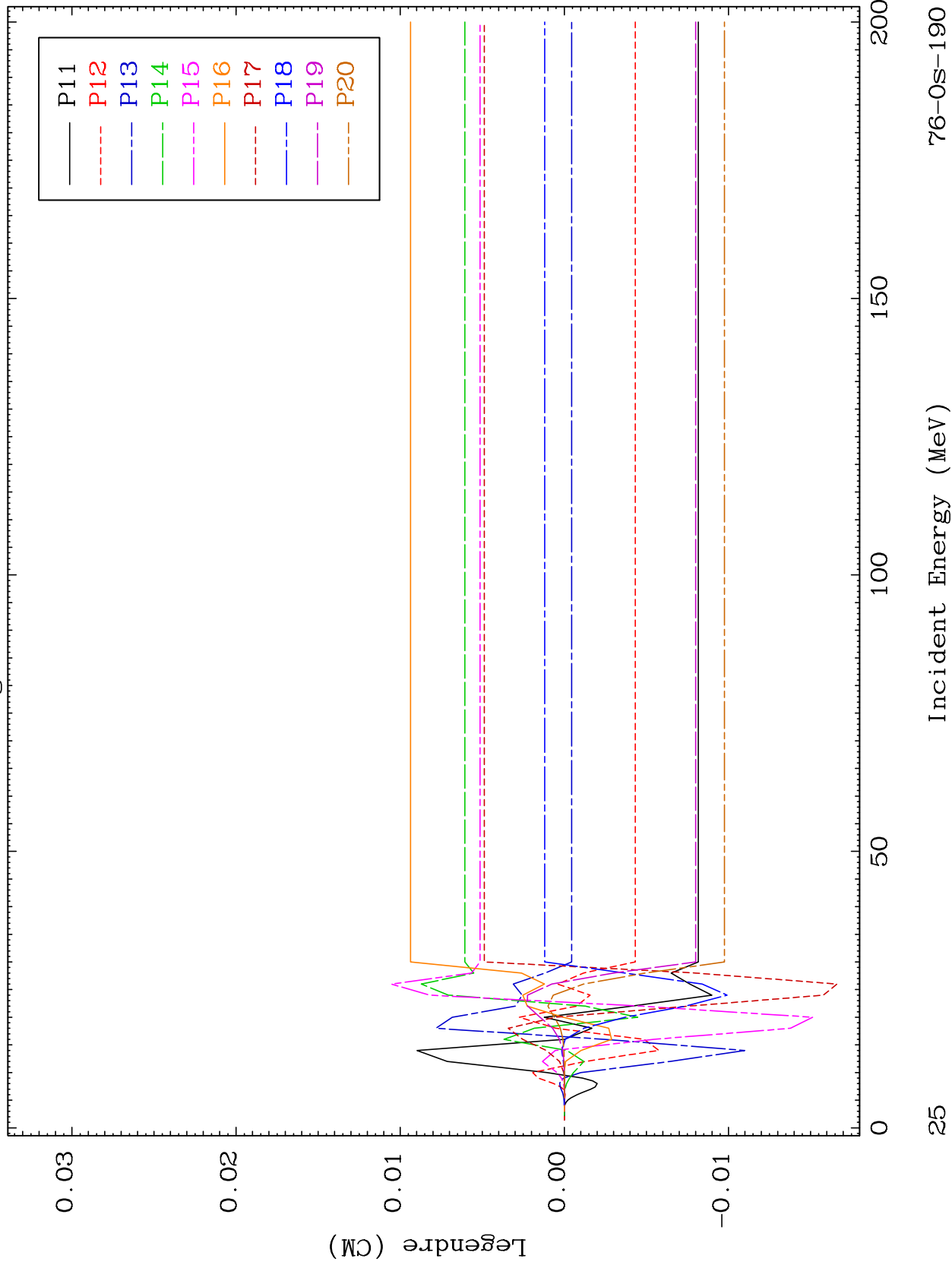
76-Os-190



MAT 7643

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

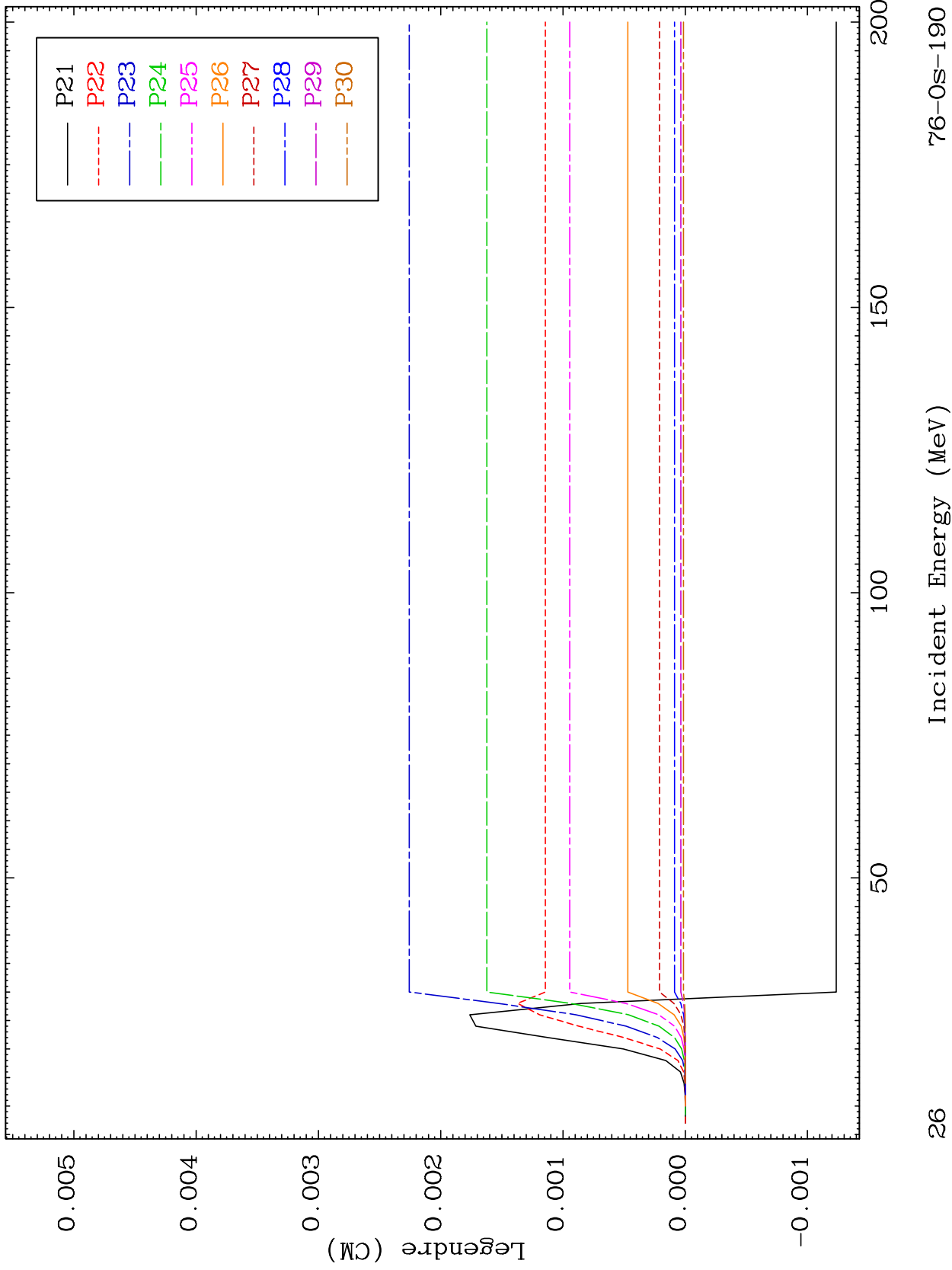
76-Os-190



MAT 7643

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

76-Os-190



26

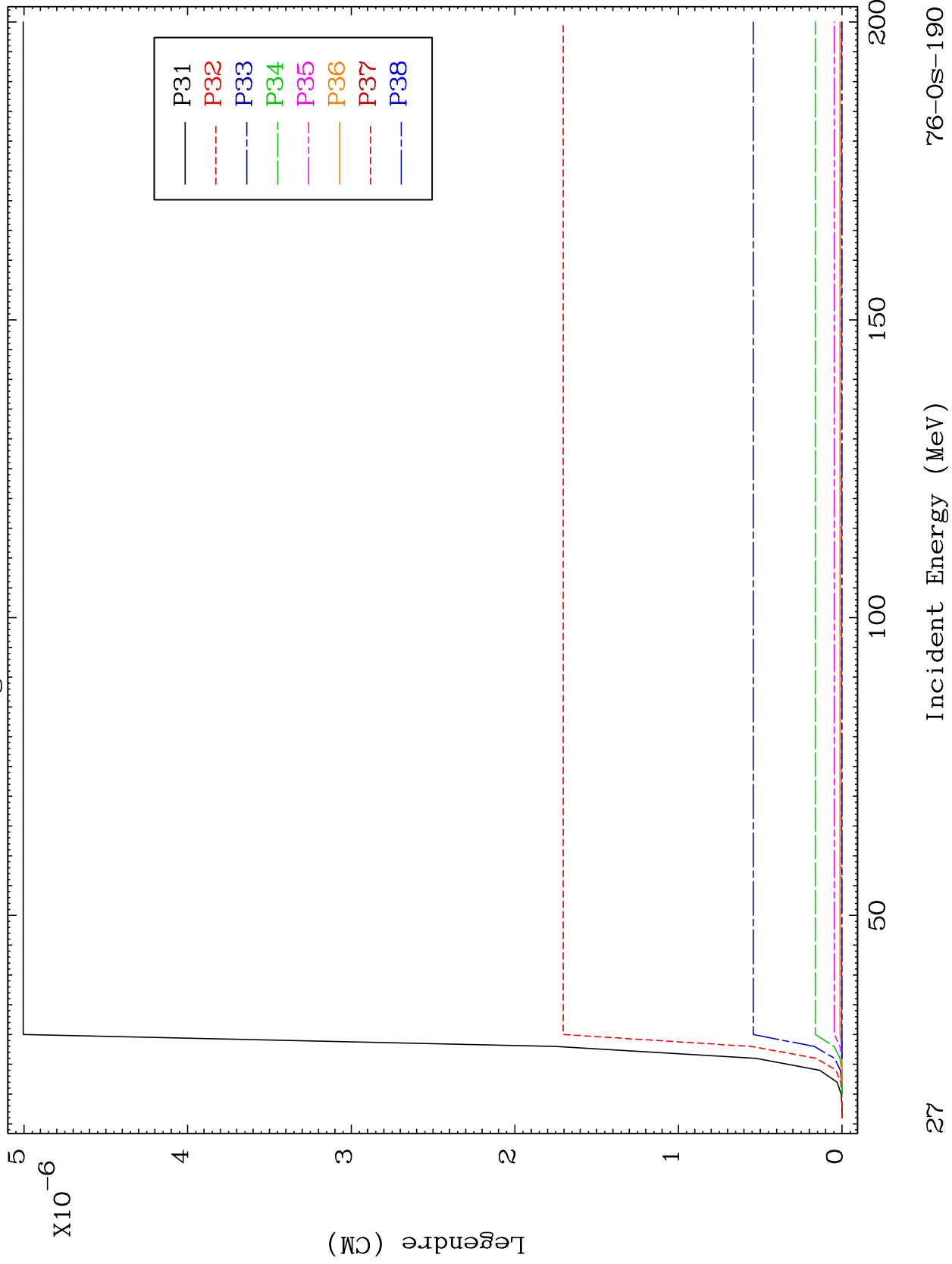
Incident Energy (MeV)

76-Os-190

MAT 7643

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

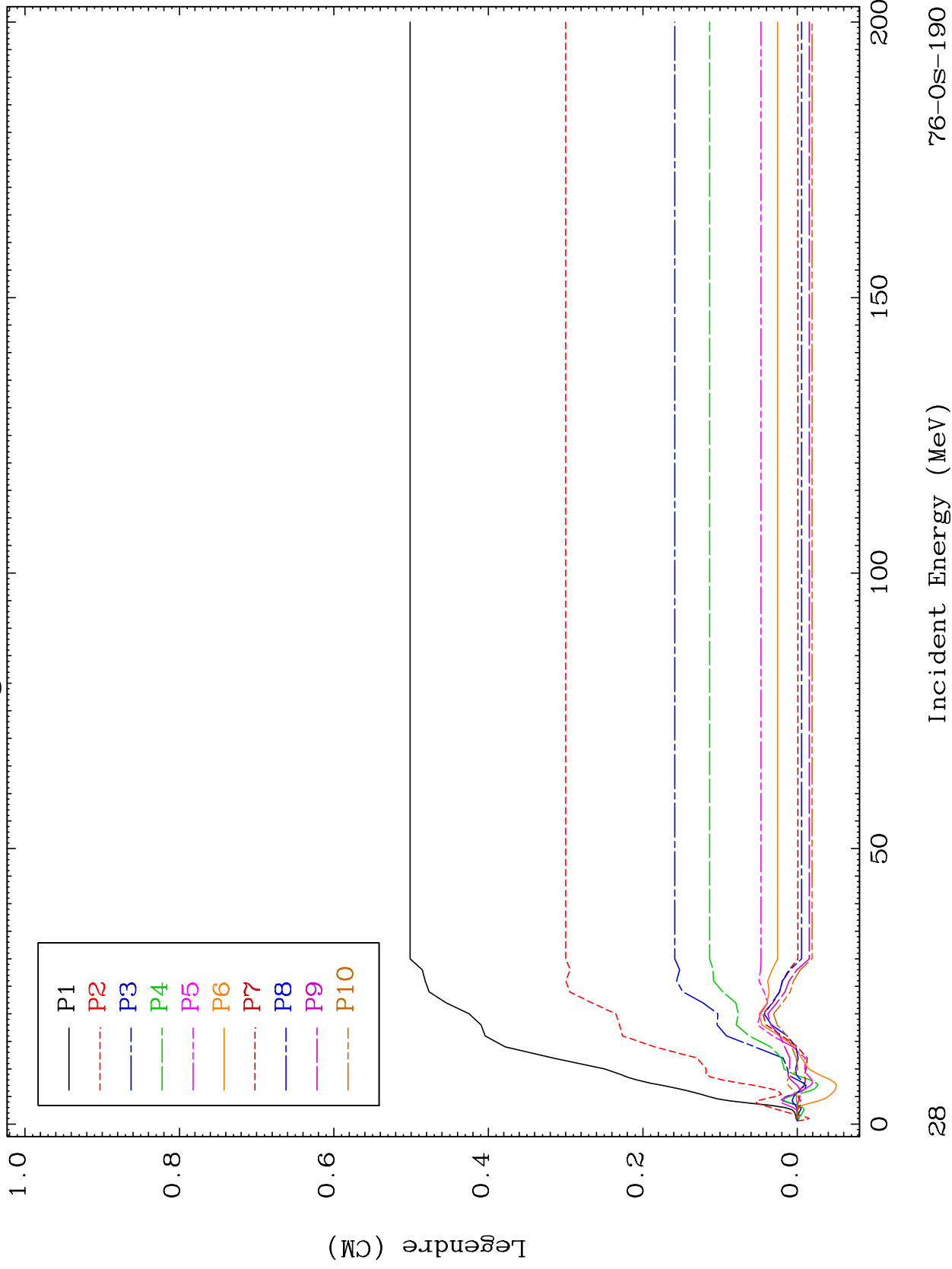
76-Os-190



MAT 7643

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

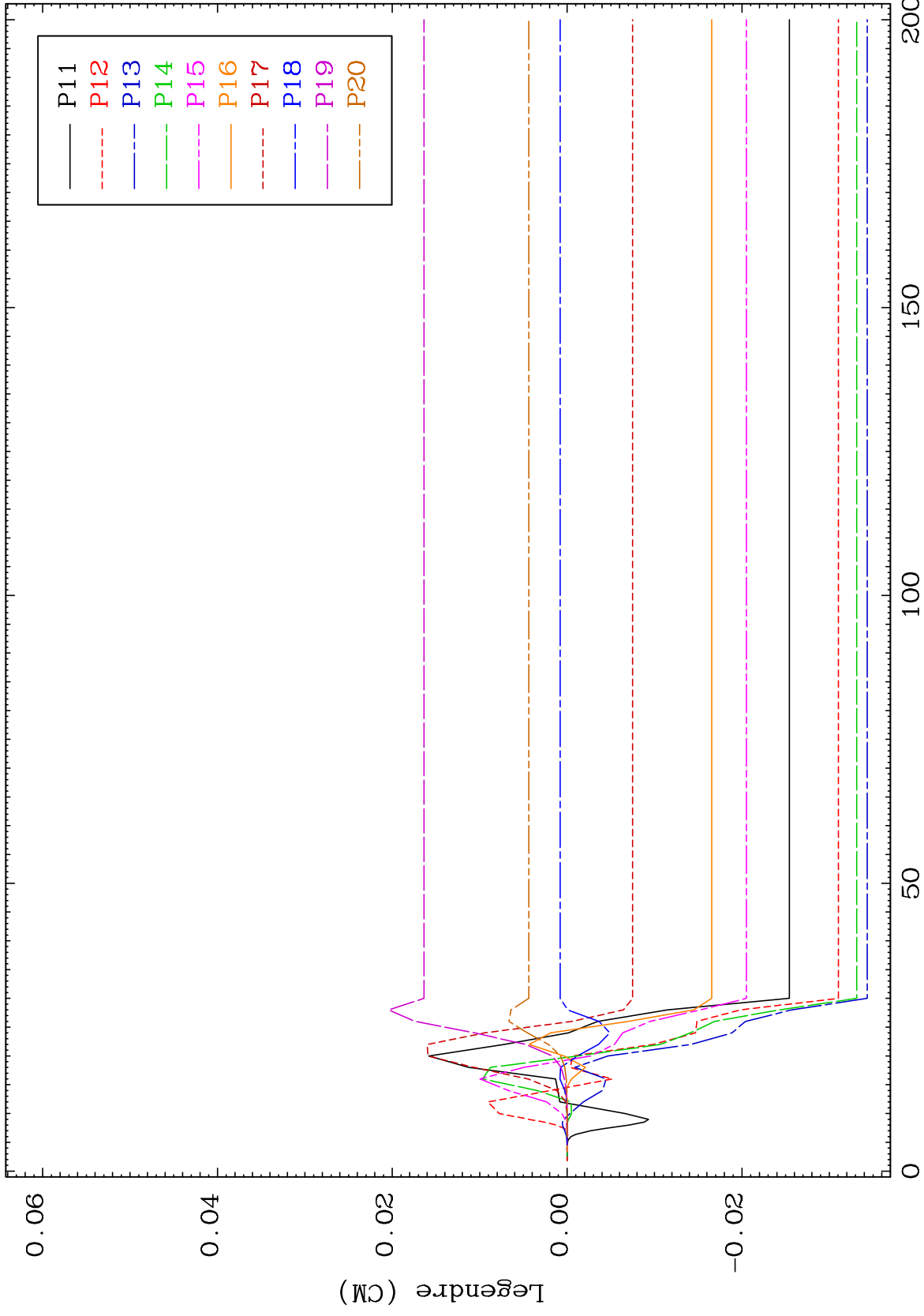
76-0s-190



MAT 7643

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

76-Os-190



29

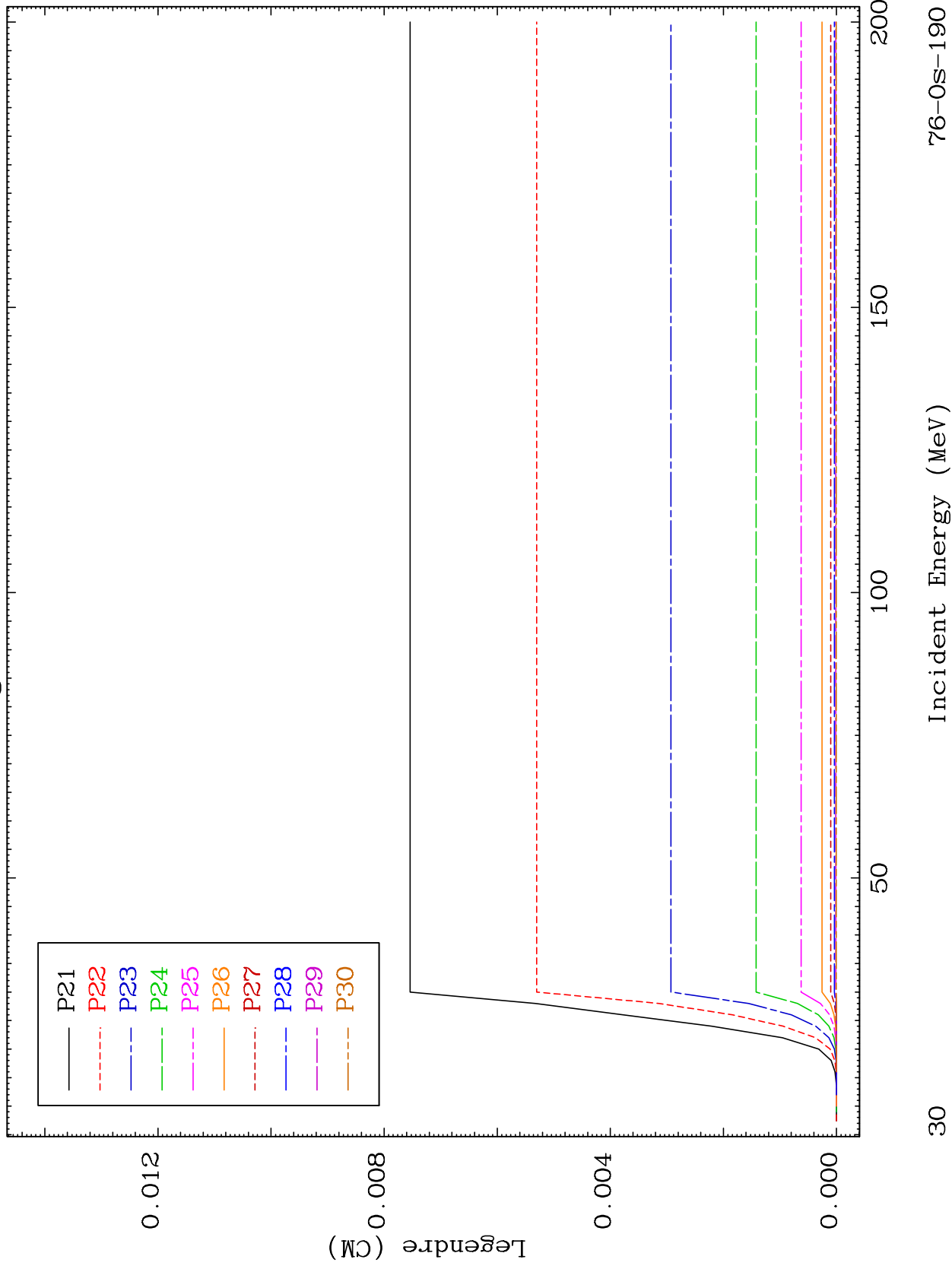
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



30

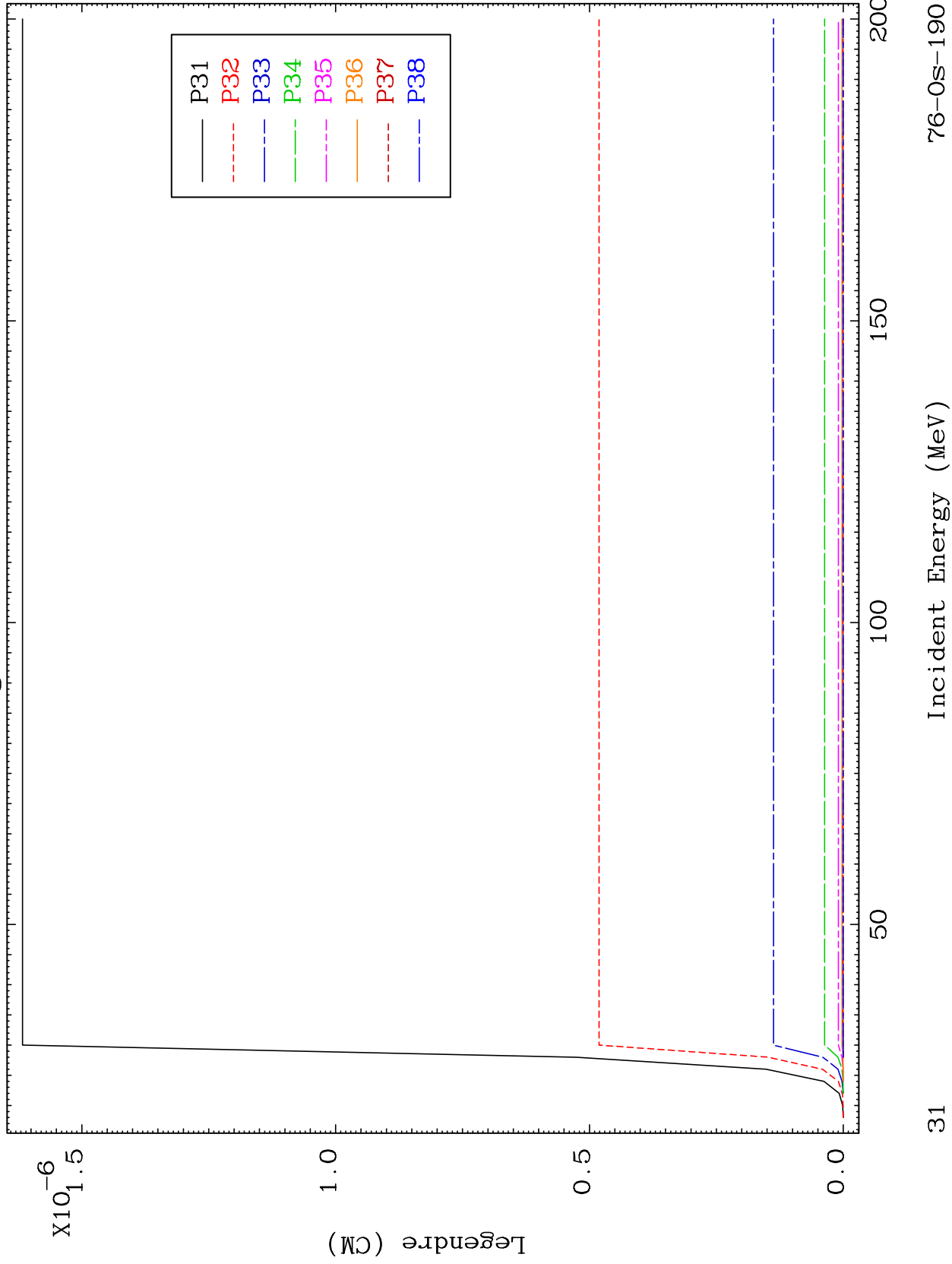
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190

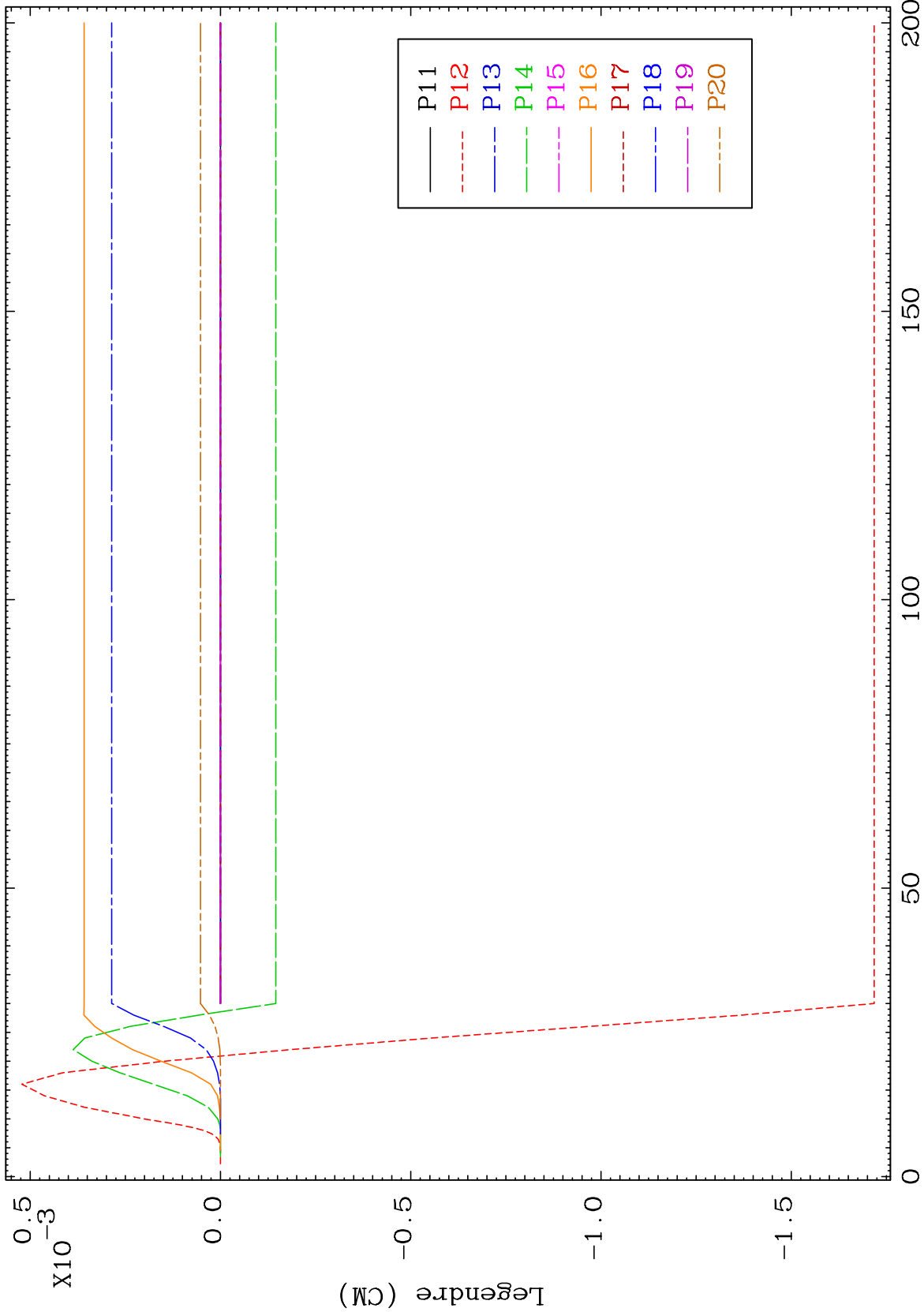




MAT 7643

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

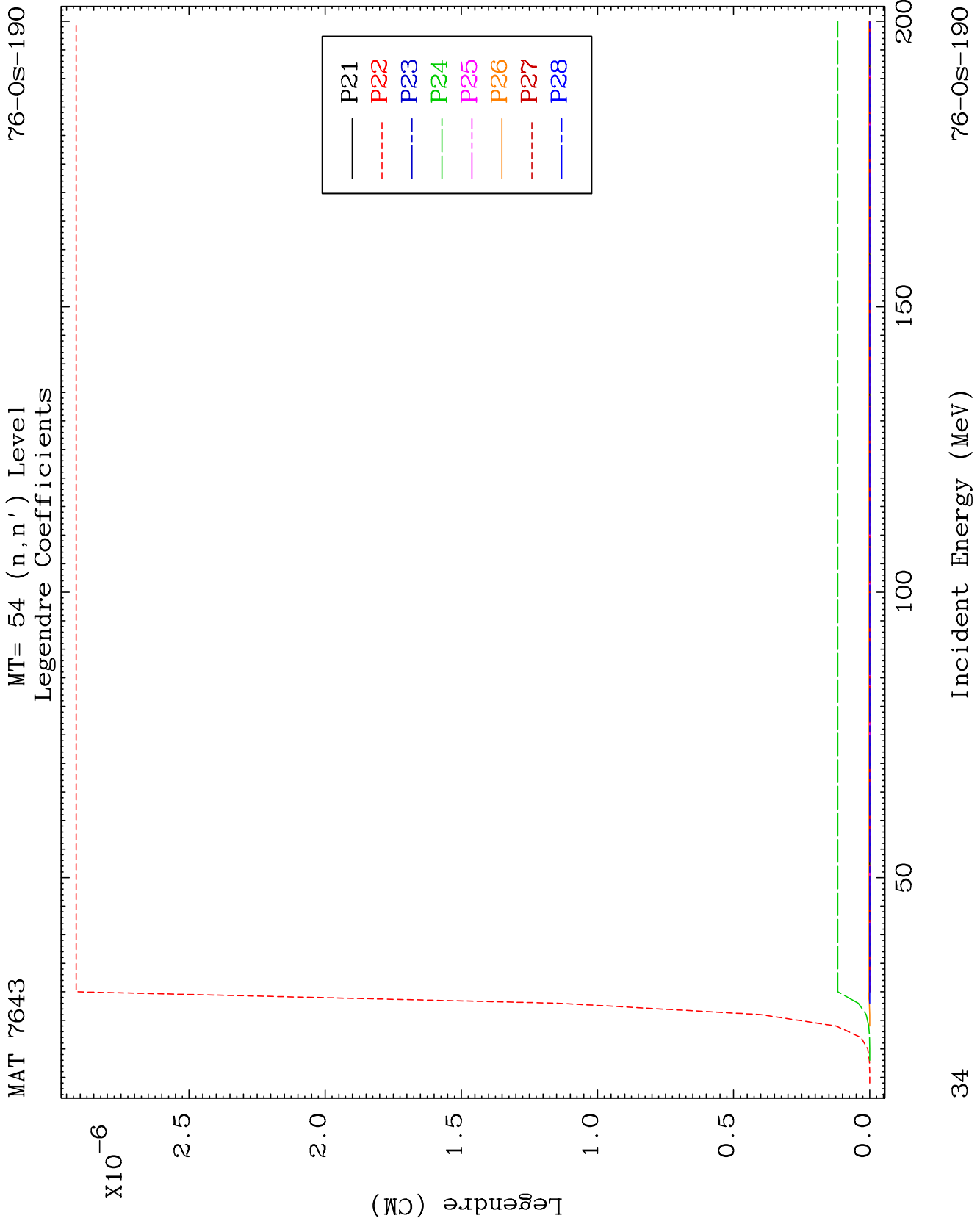
76-Os-190



33

Incident Energy (MeV)

76-Os-190

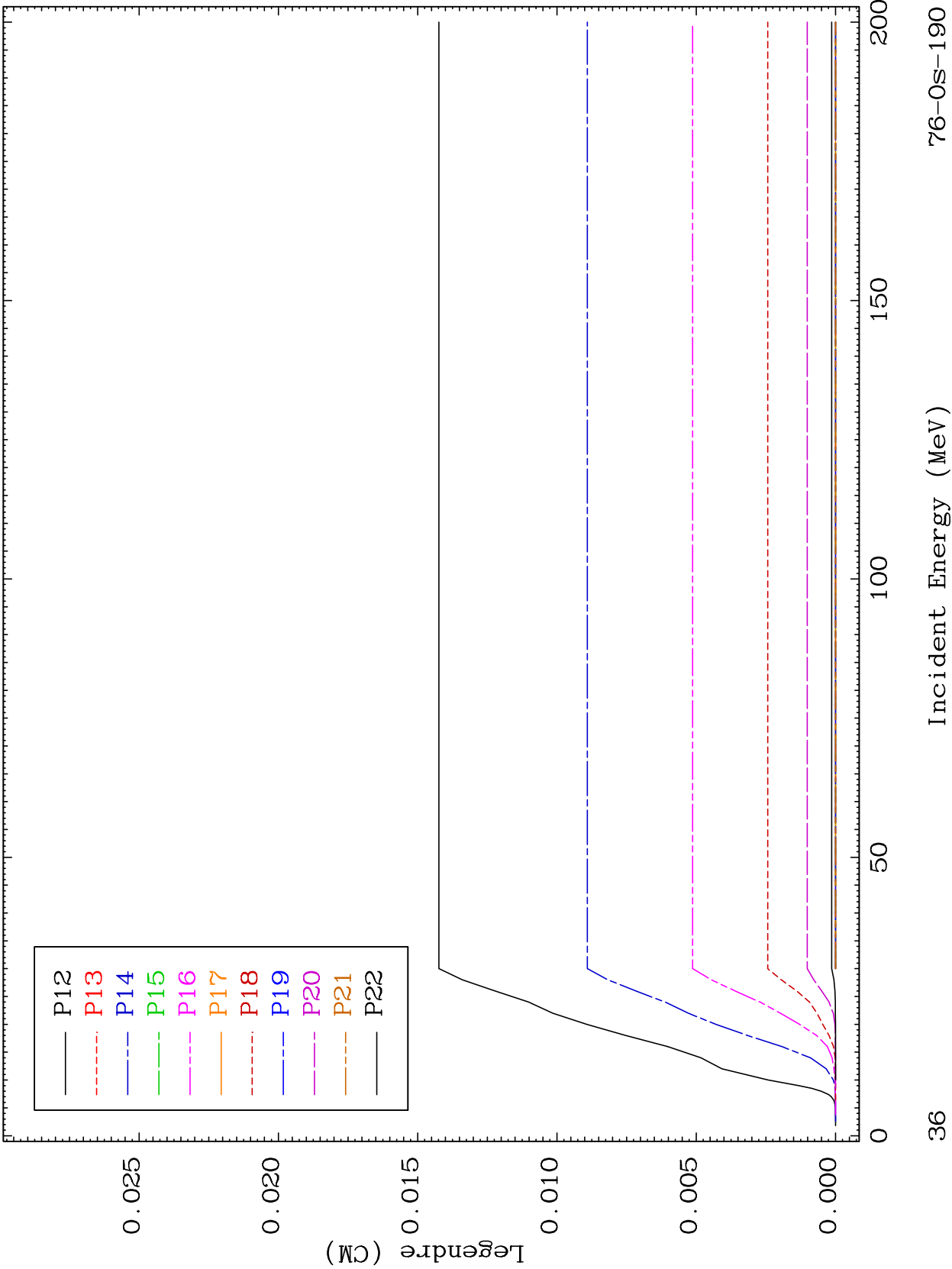




MAT 7643

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

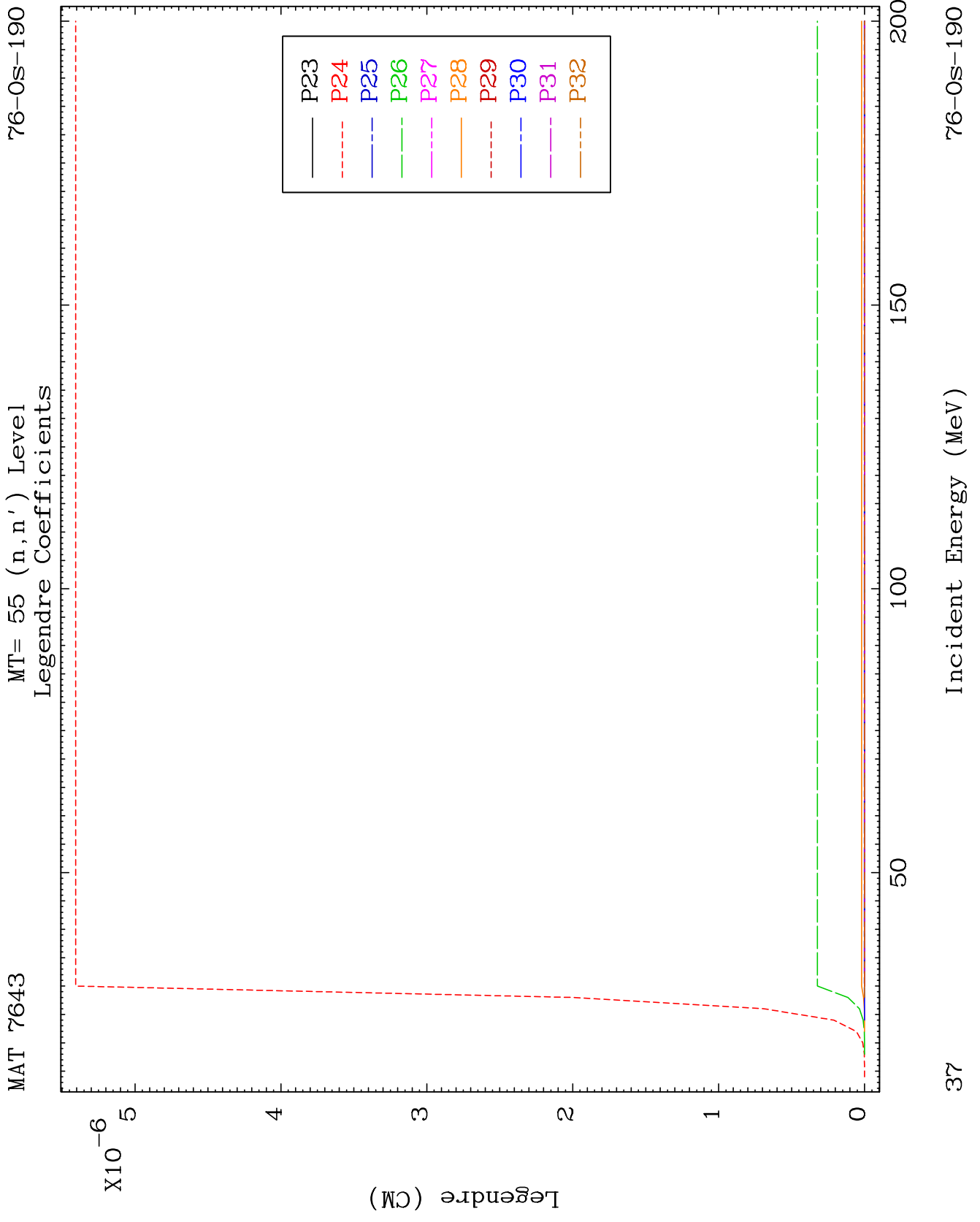
76-0s-190



36

Incident Energy (MeV)

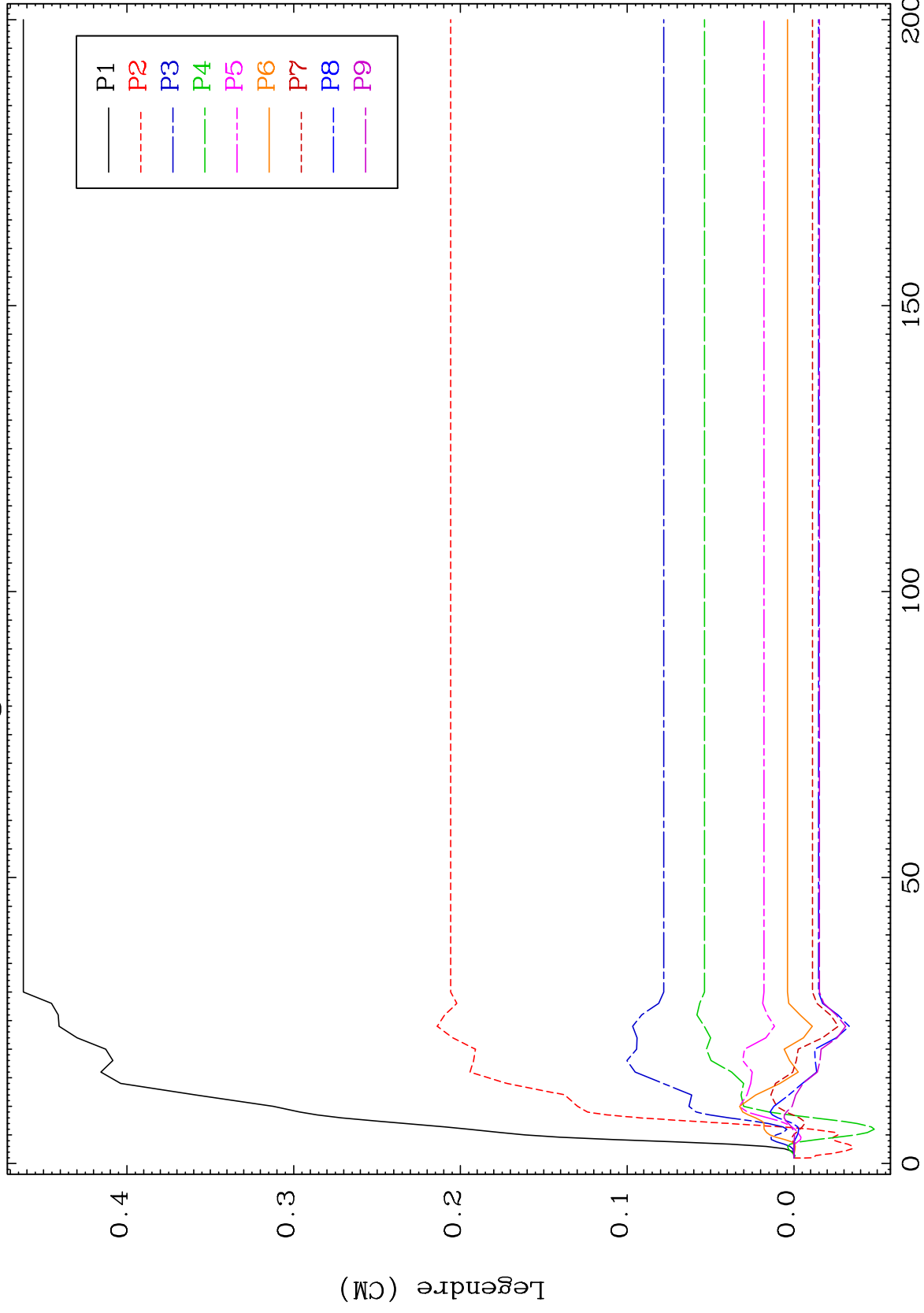
76-0s-190



MAT 7643

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

76-Os-190



76-Os-190

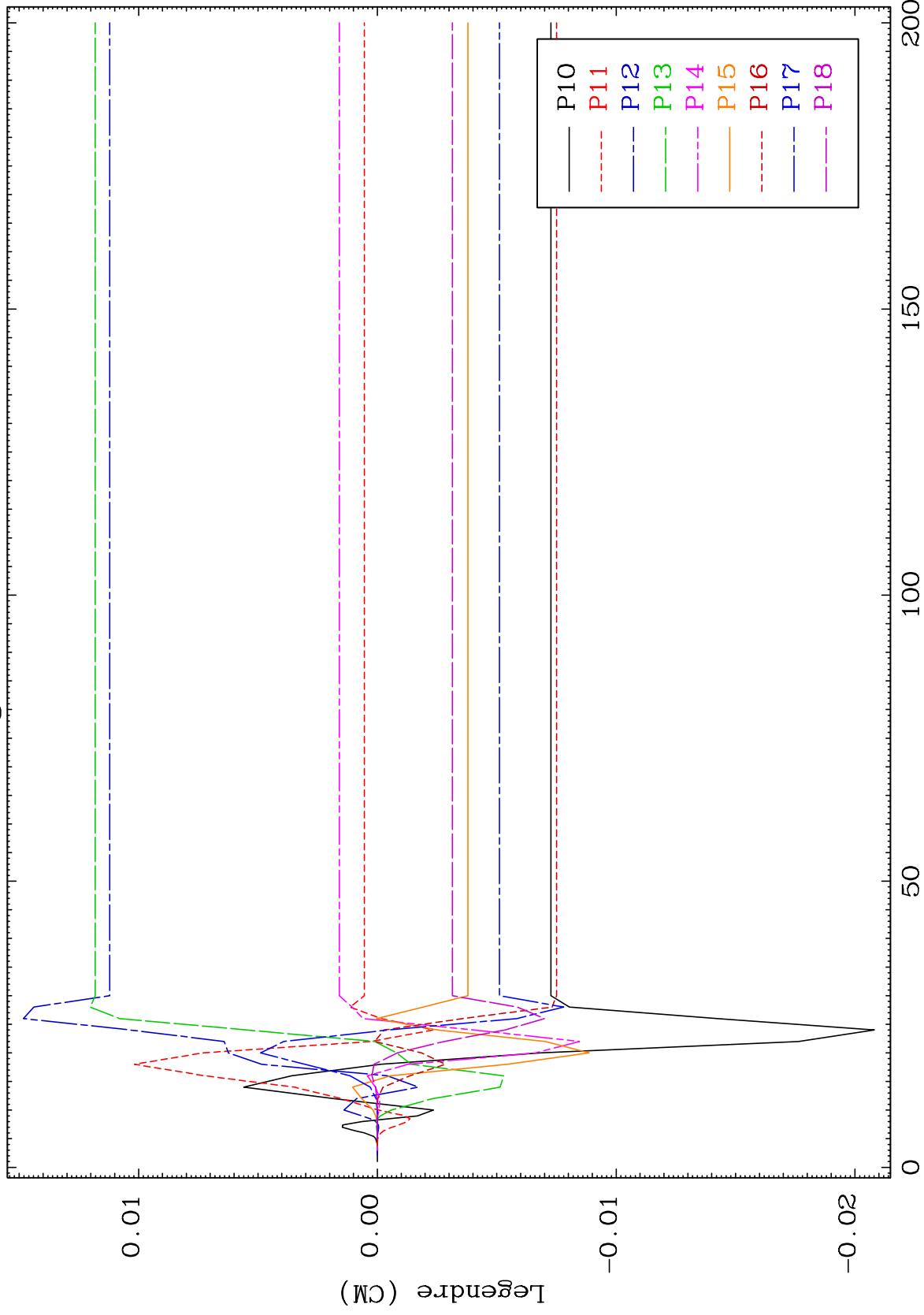
Incident Energy (MeV)

38

MAT 7643

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

76-Os-190



39

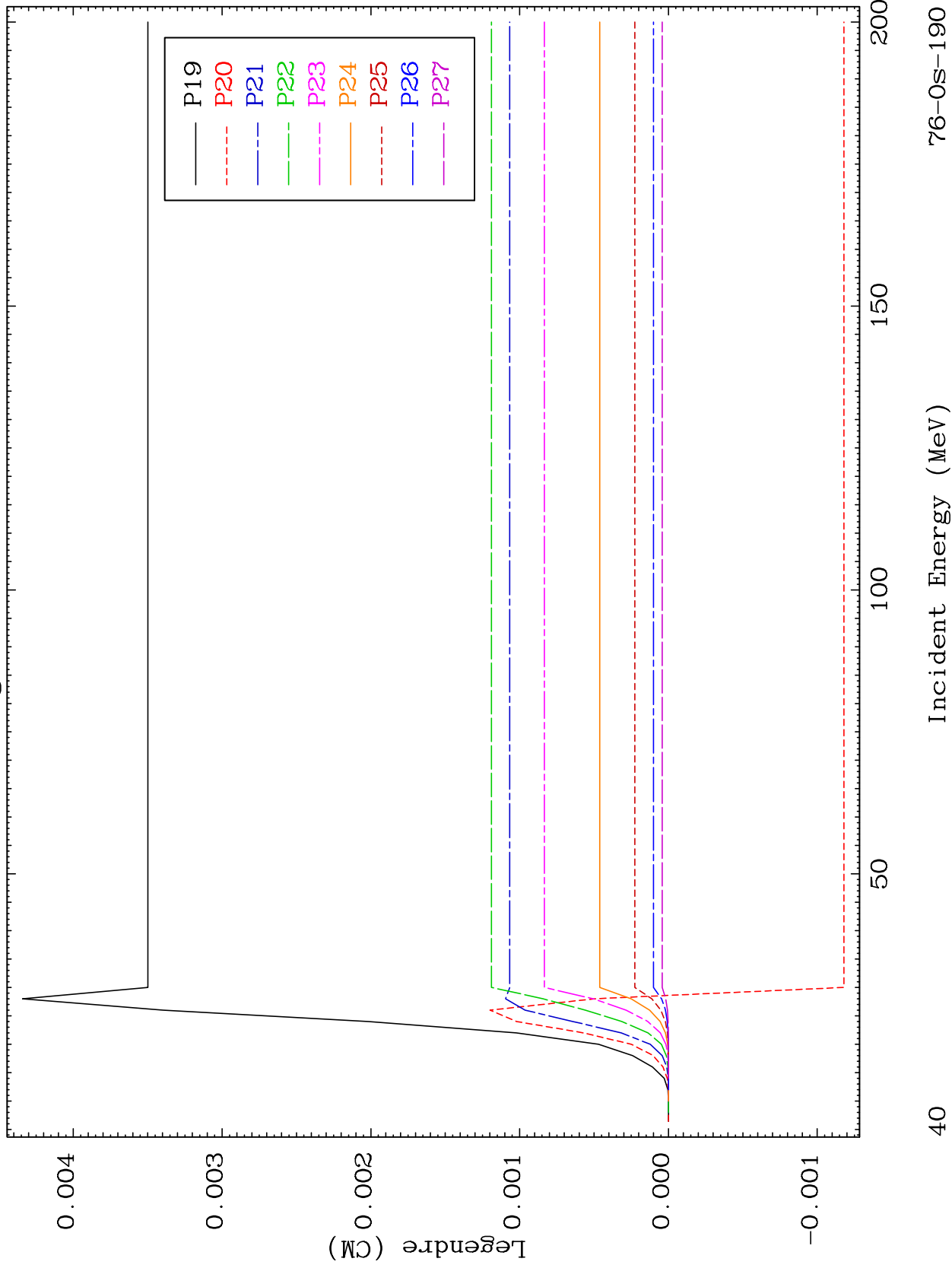
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-0s-190



76-0s-190

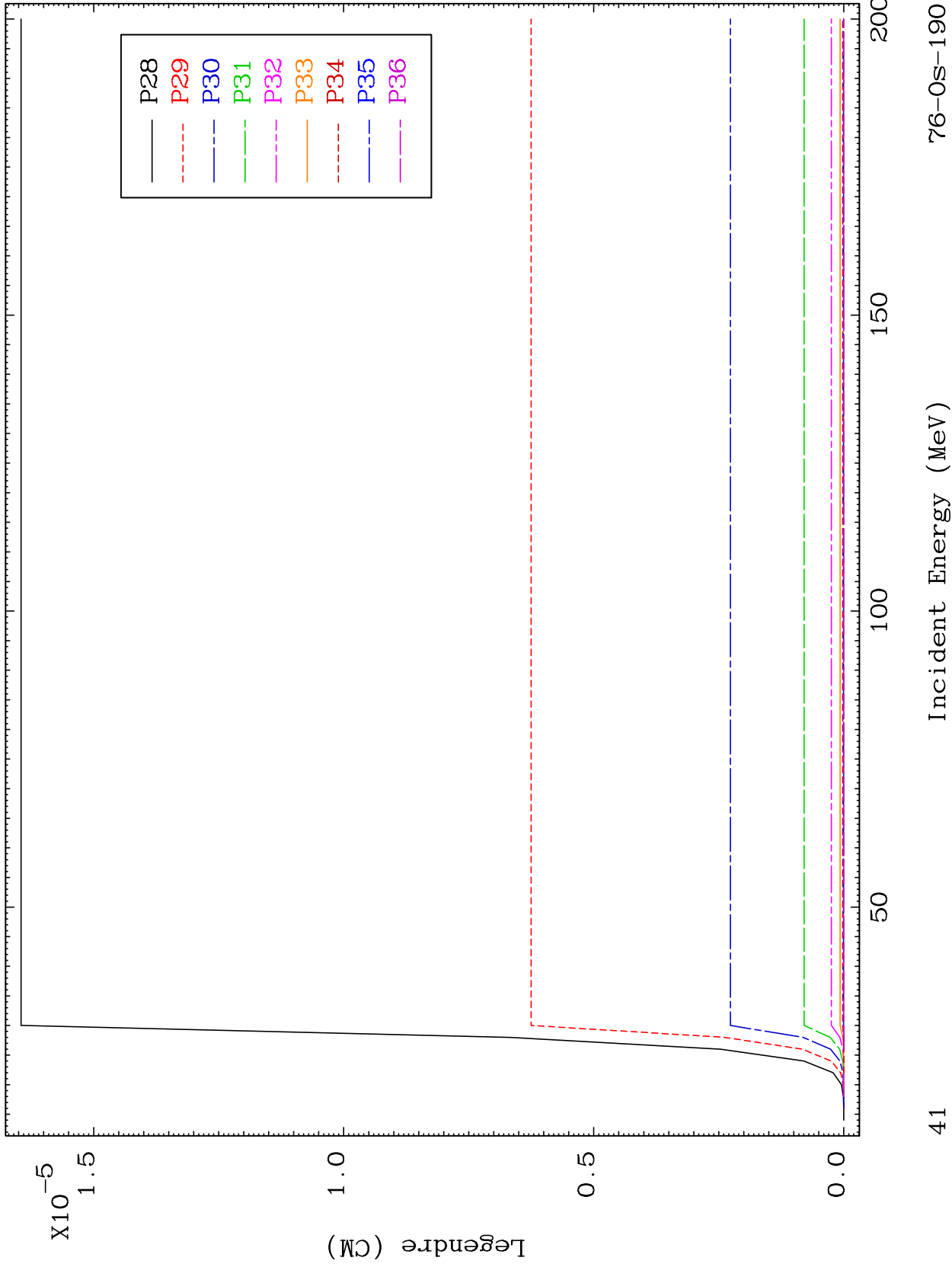
Incident Energy (MeV)

40

MAT 7643

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

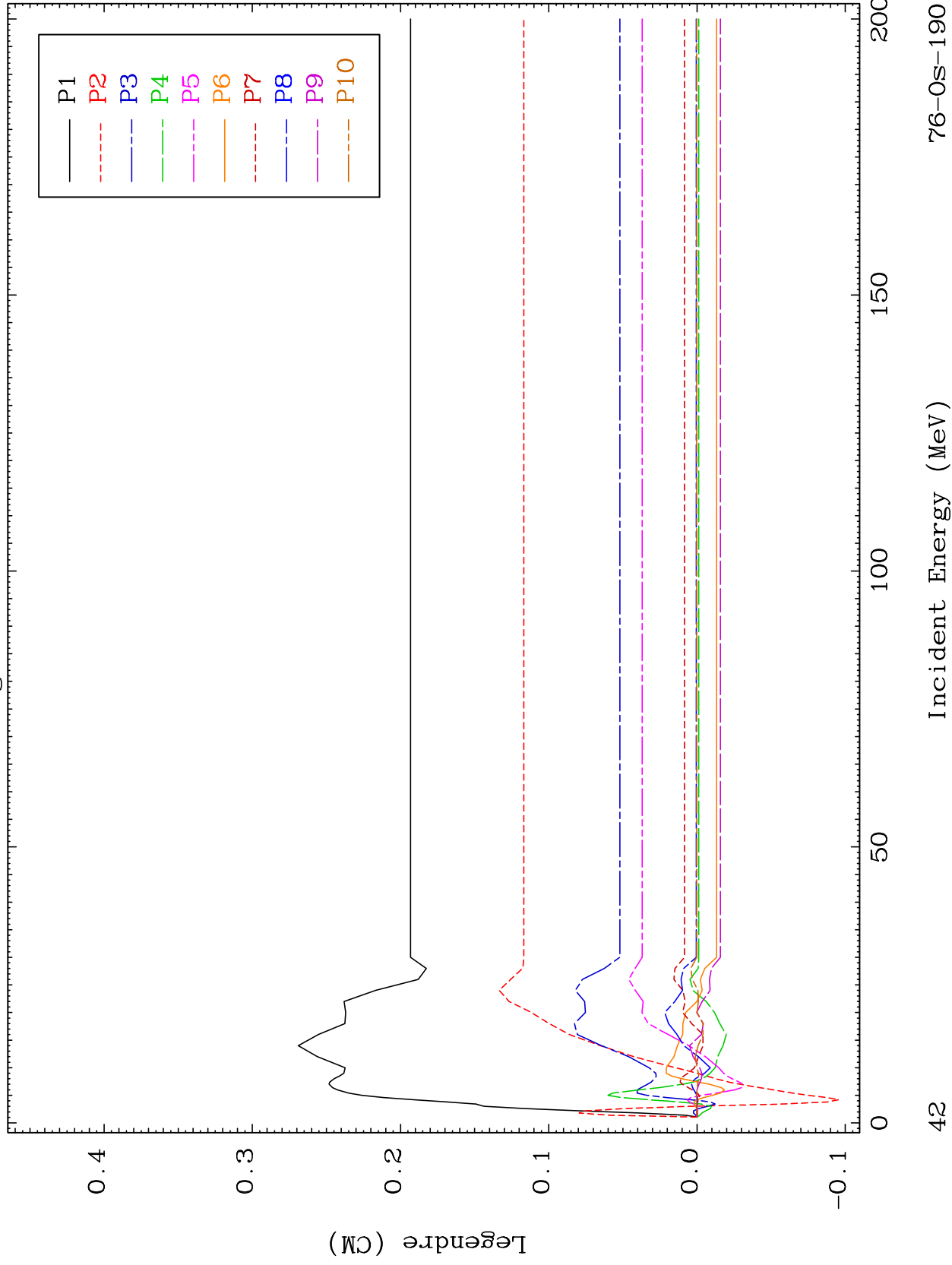
76-Os-190



MAT 7643

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

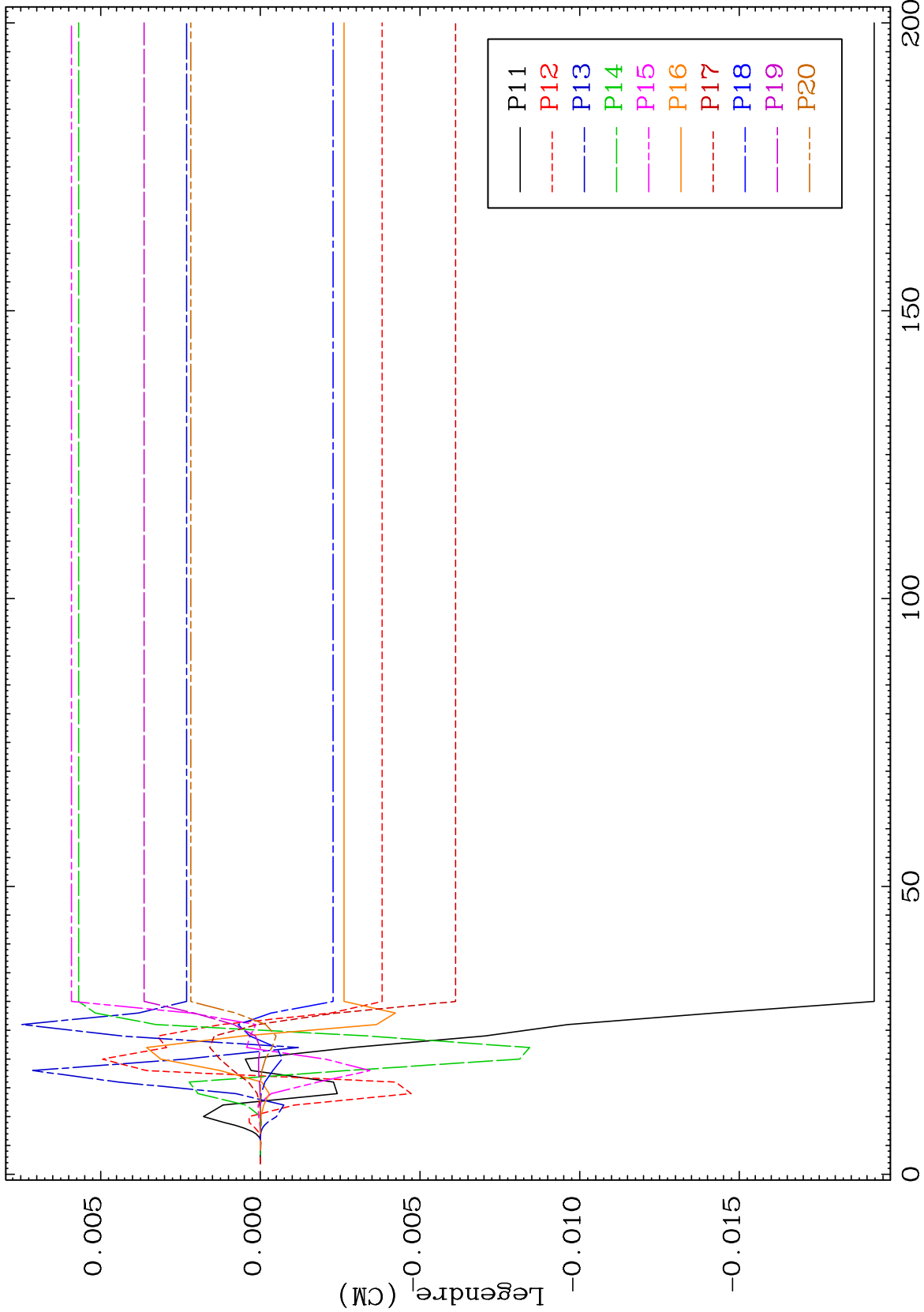
76-Os-190



MAT 7643

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

76-Os-190



43

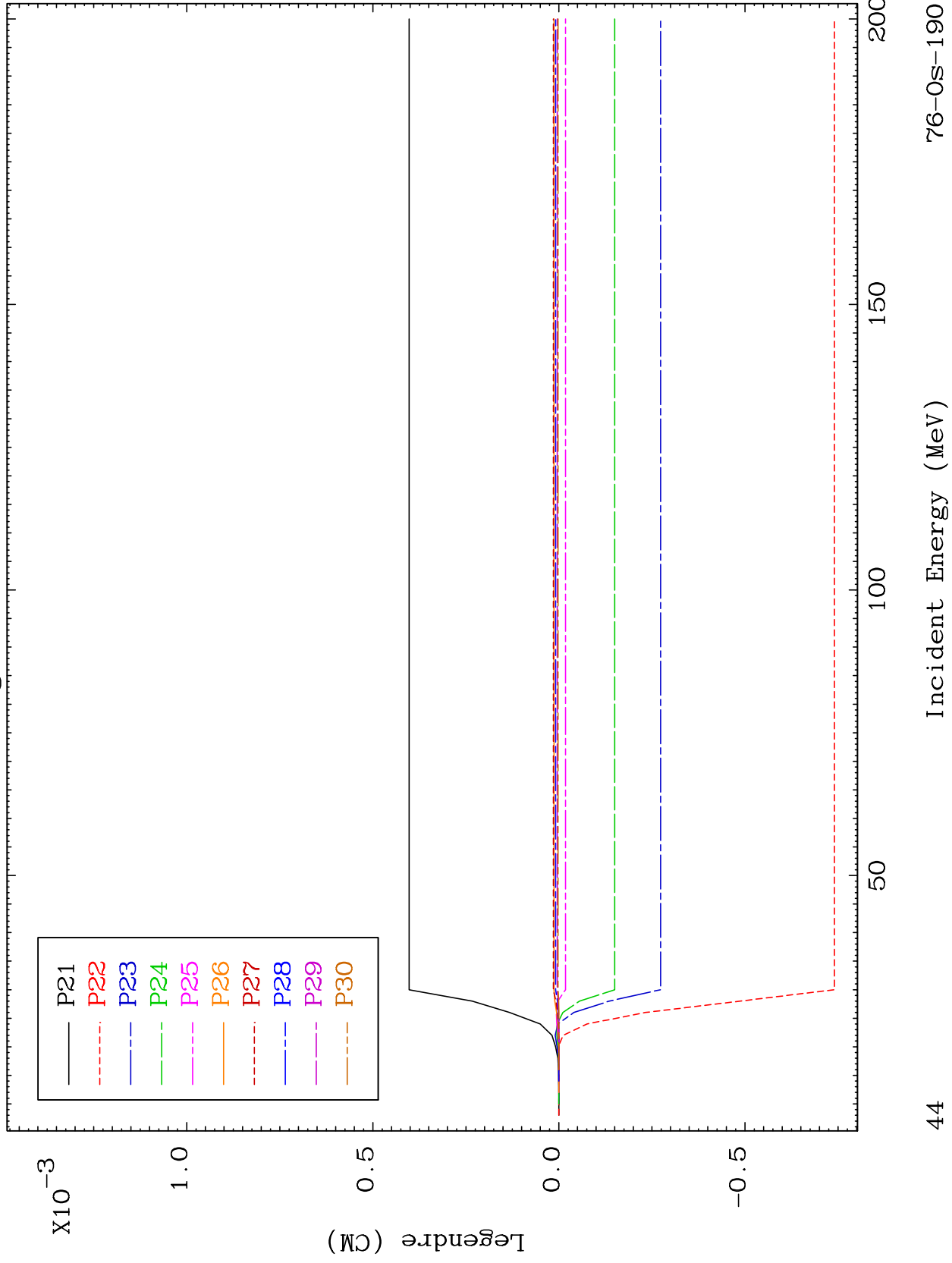
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



44

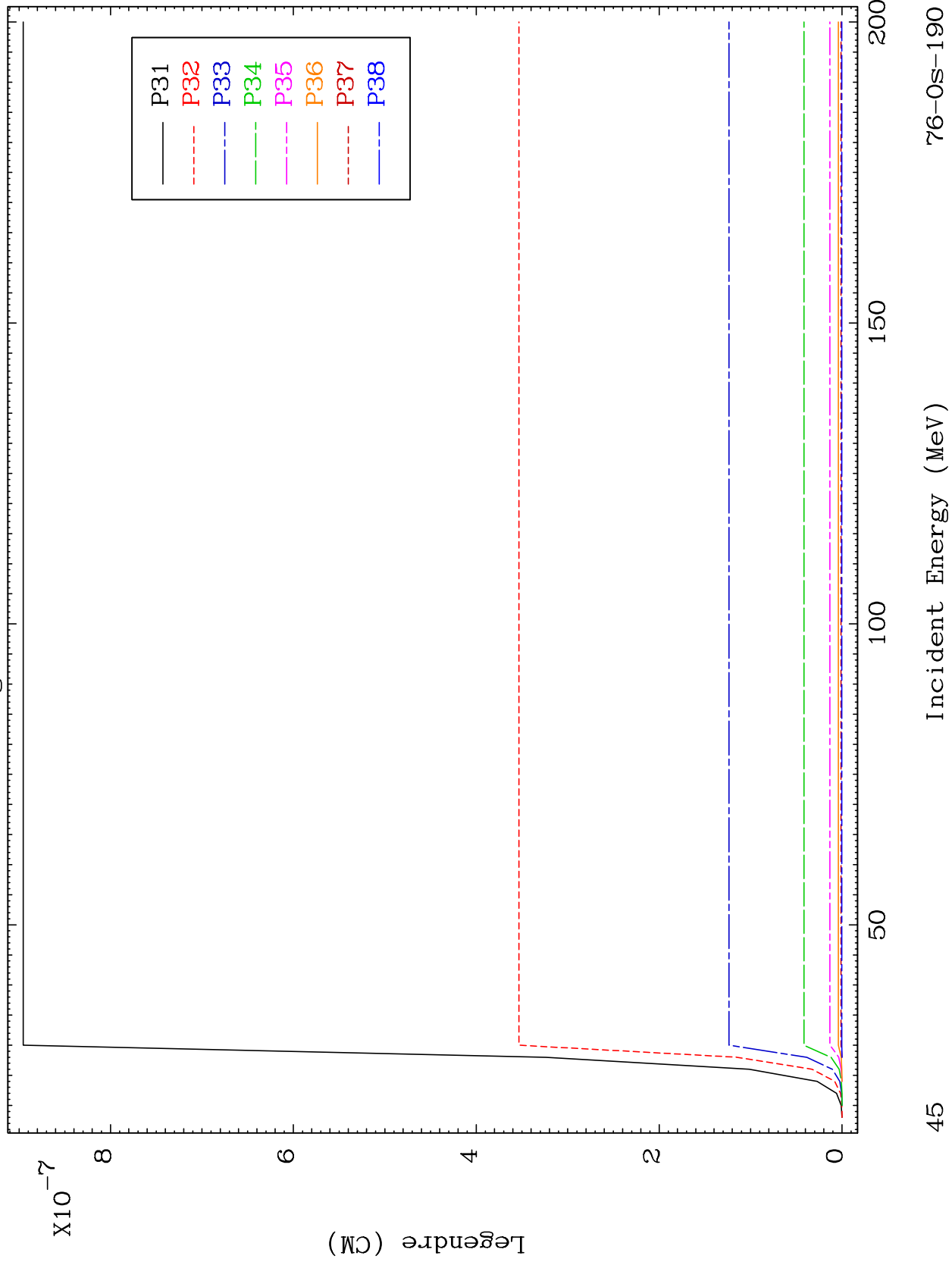
Incident Energy (MeV)

76-Os-190

MAT 7643

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

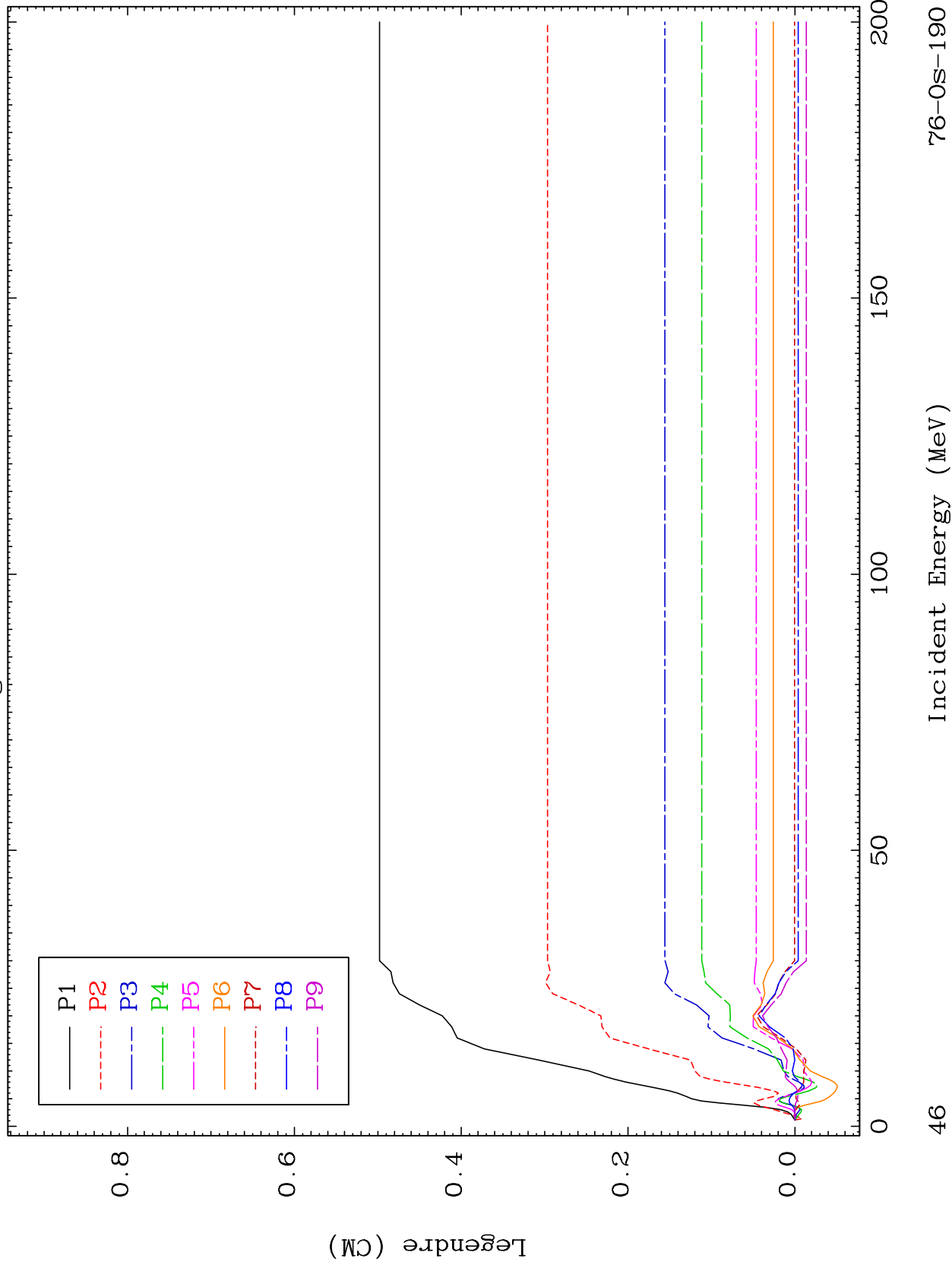
76-Os-190



MAT 7643

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

76-0s-190



46

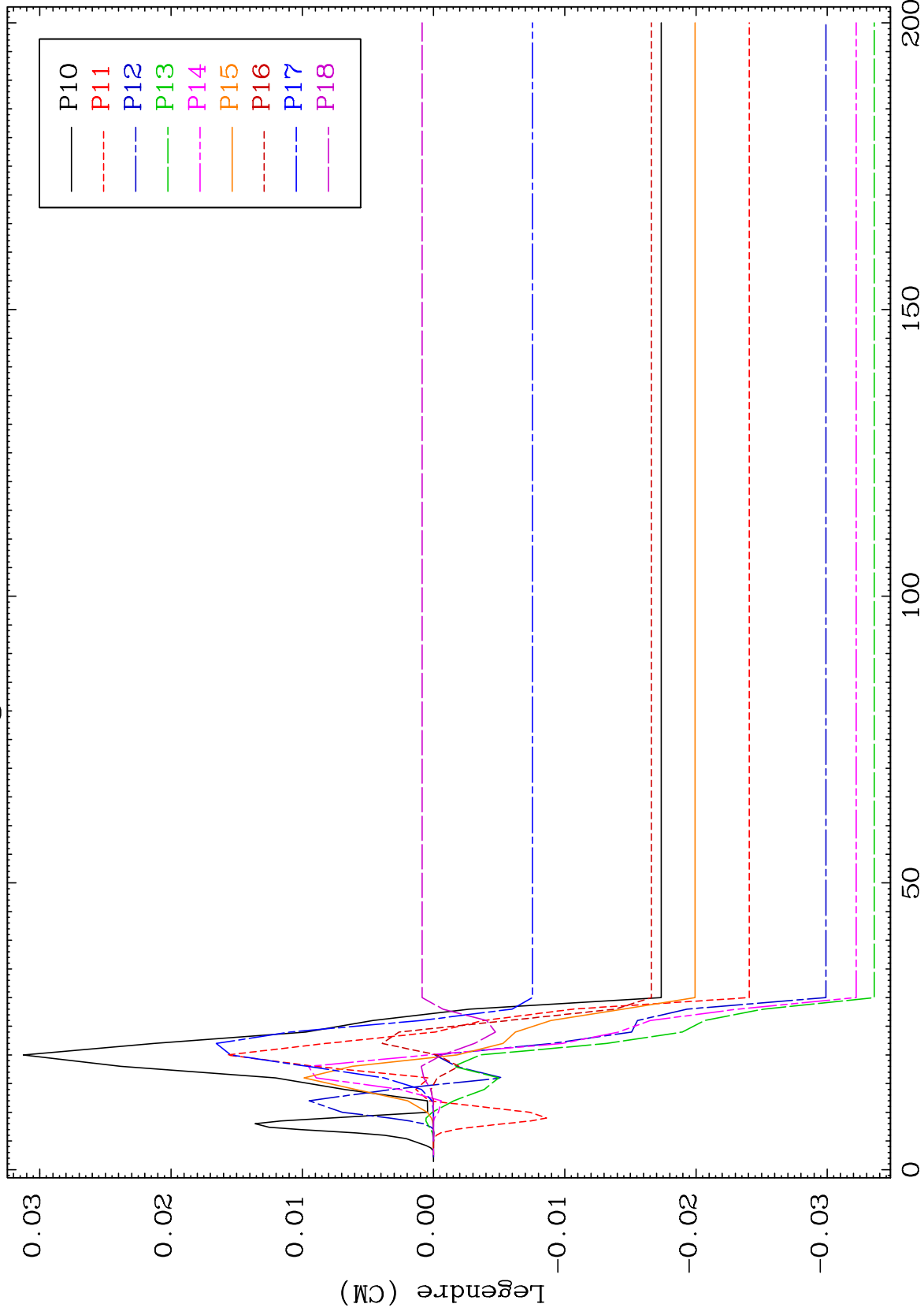
Incident Energy (MeV)

76-0s-190

MAT 7643

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

76-Os-190



47

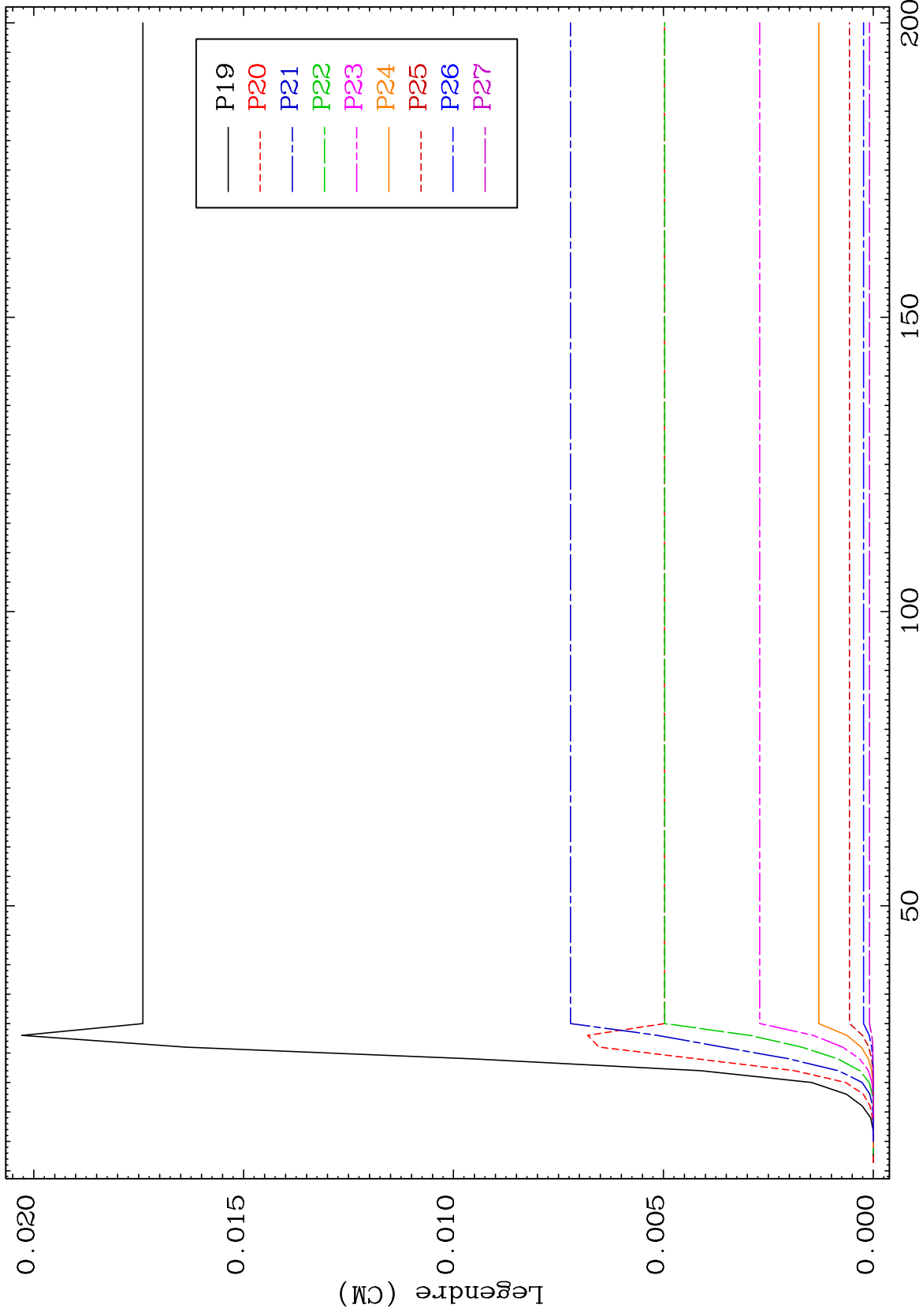
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



48

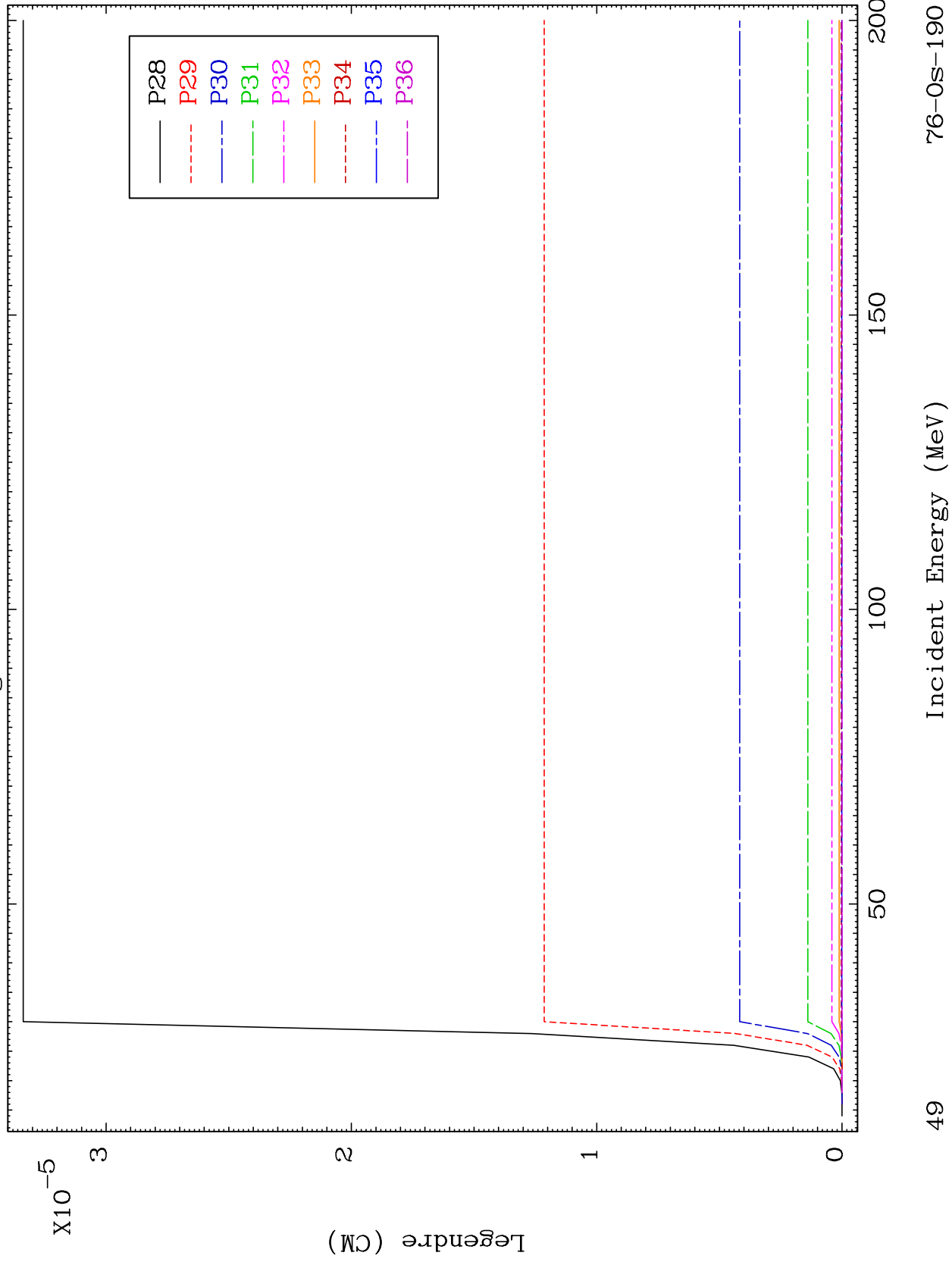
Incident Energy (MeV)

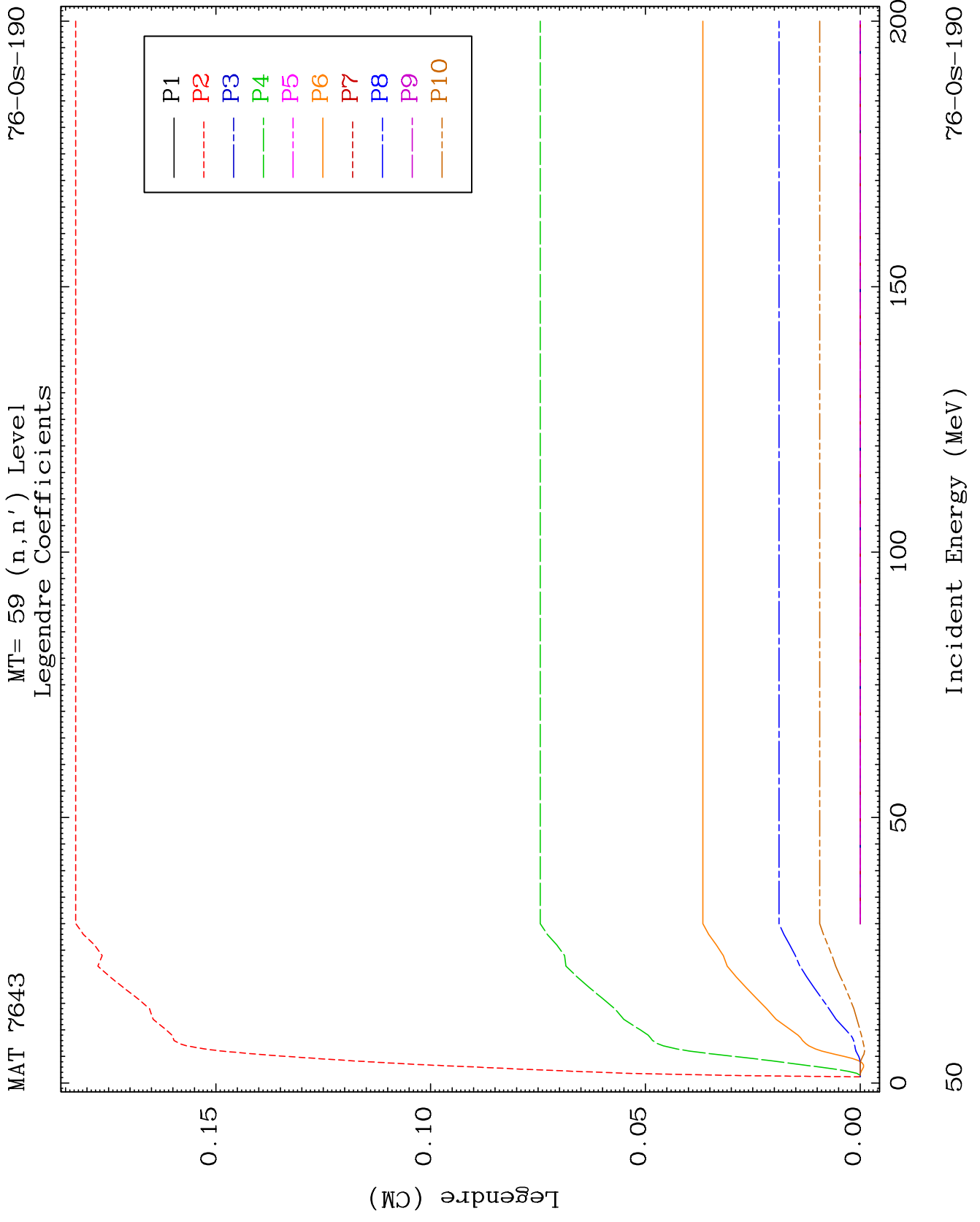
76-Os-190

MAT 7643

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

76-Os-190

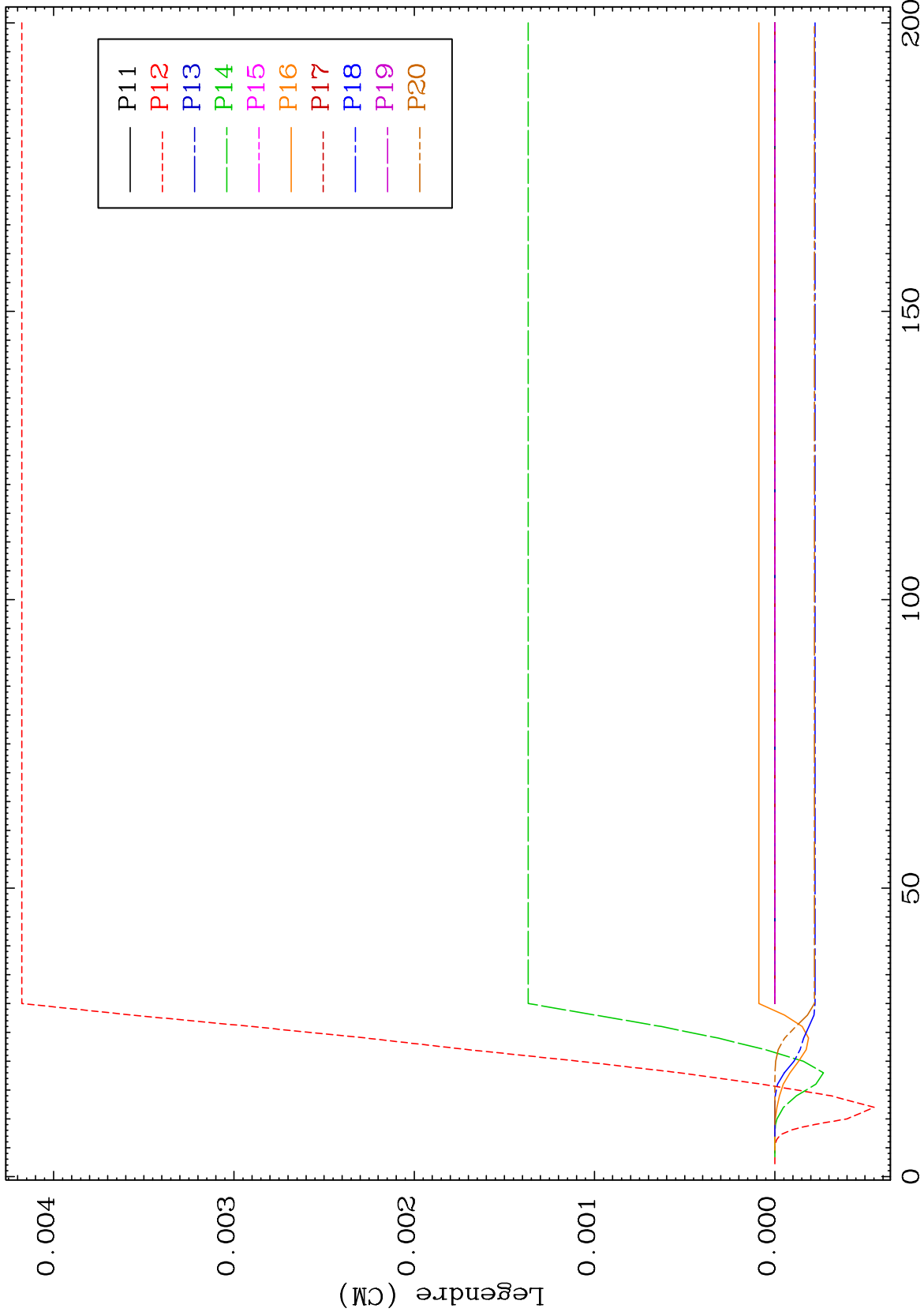




MAT 7643

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

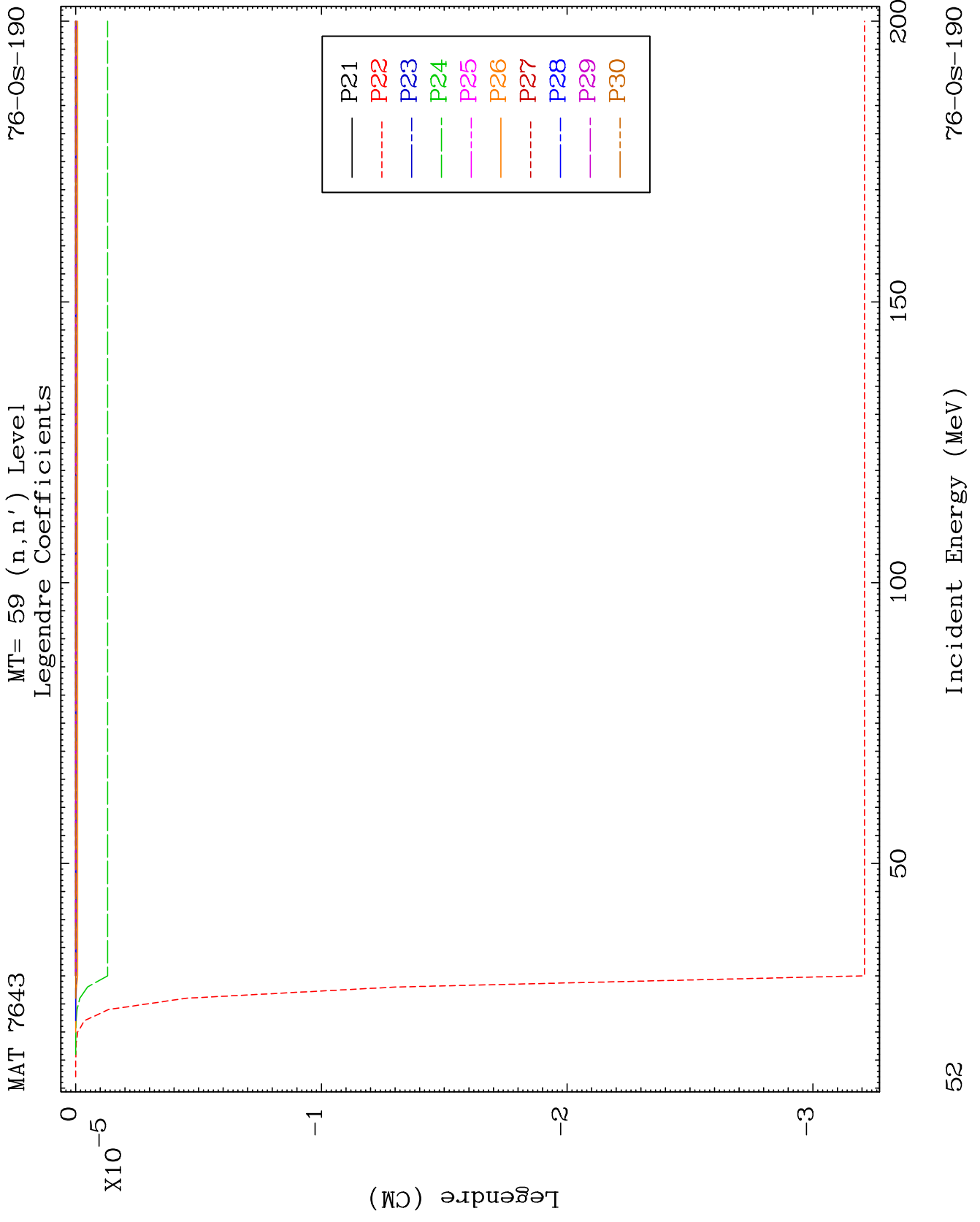
76-Os-190



51

Incident Energy (MeV)

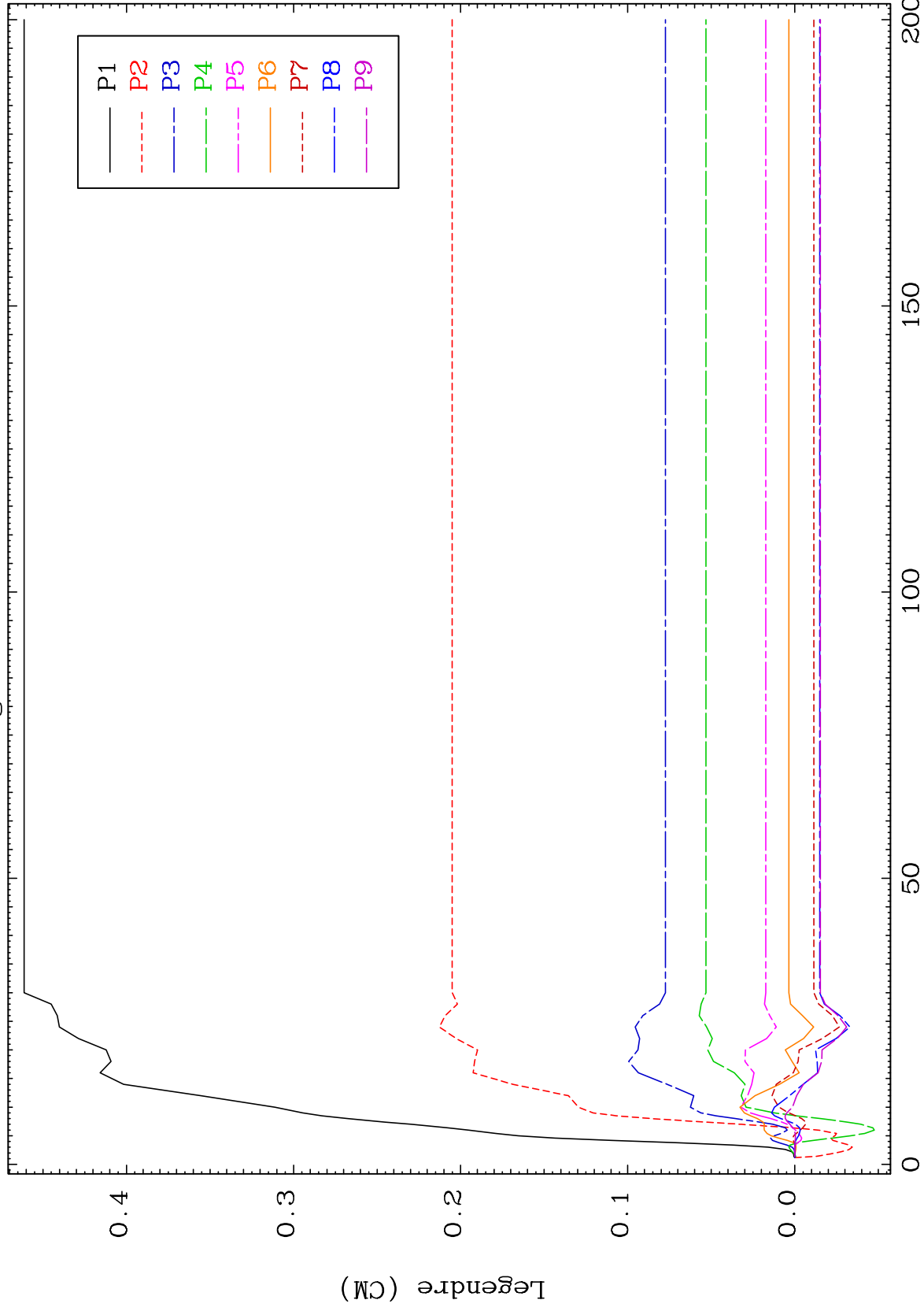
76-Os-190



MAT 7643

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

76-Os-190



53

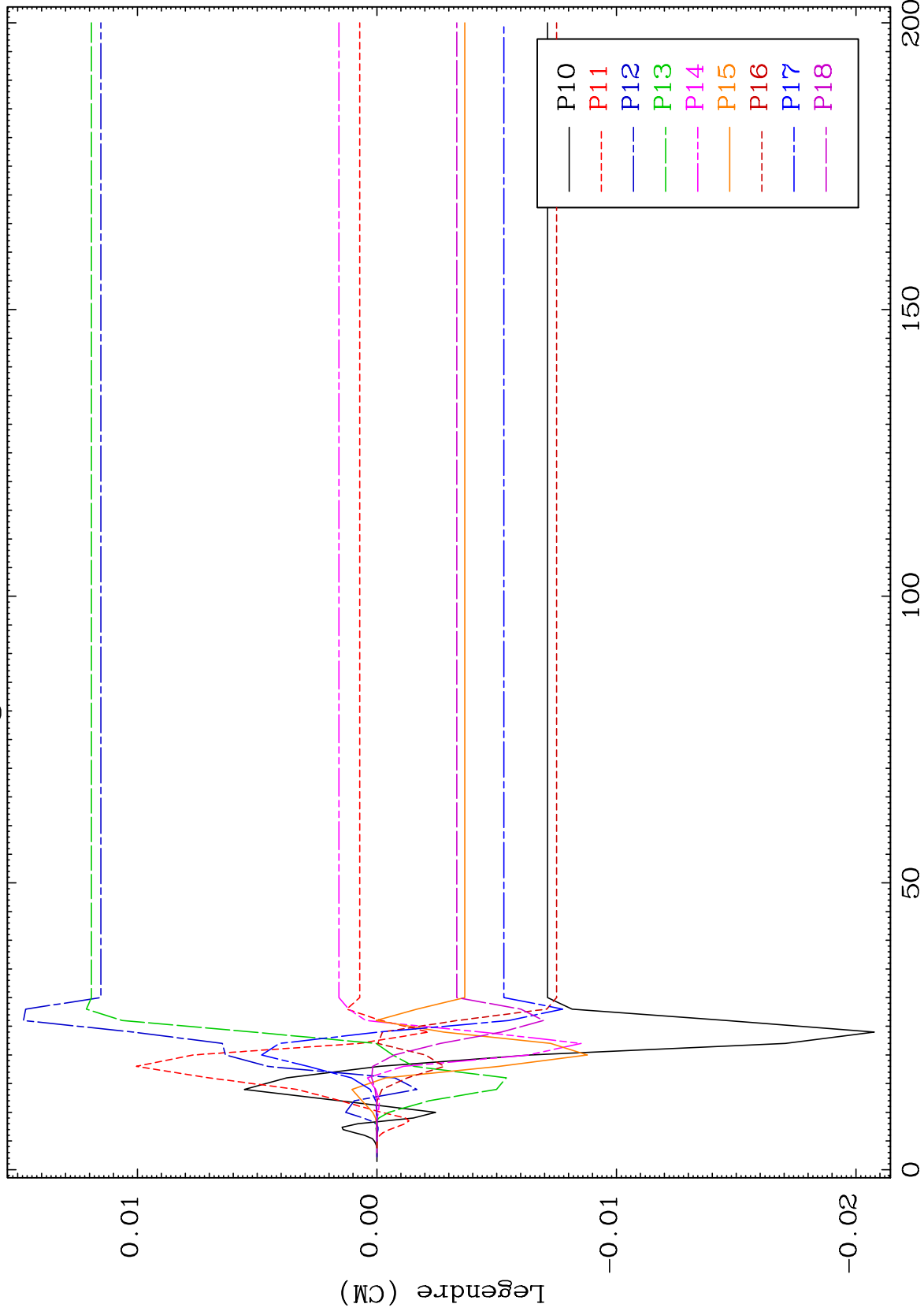
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



54

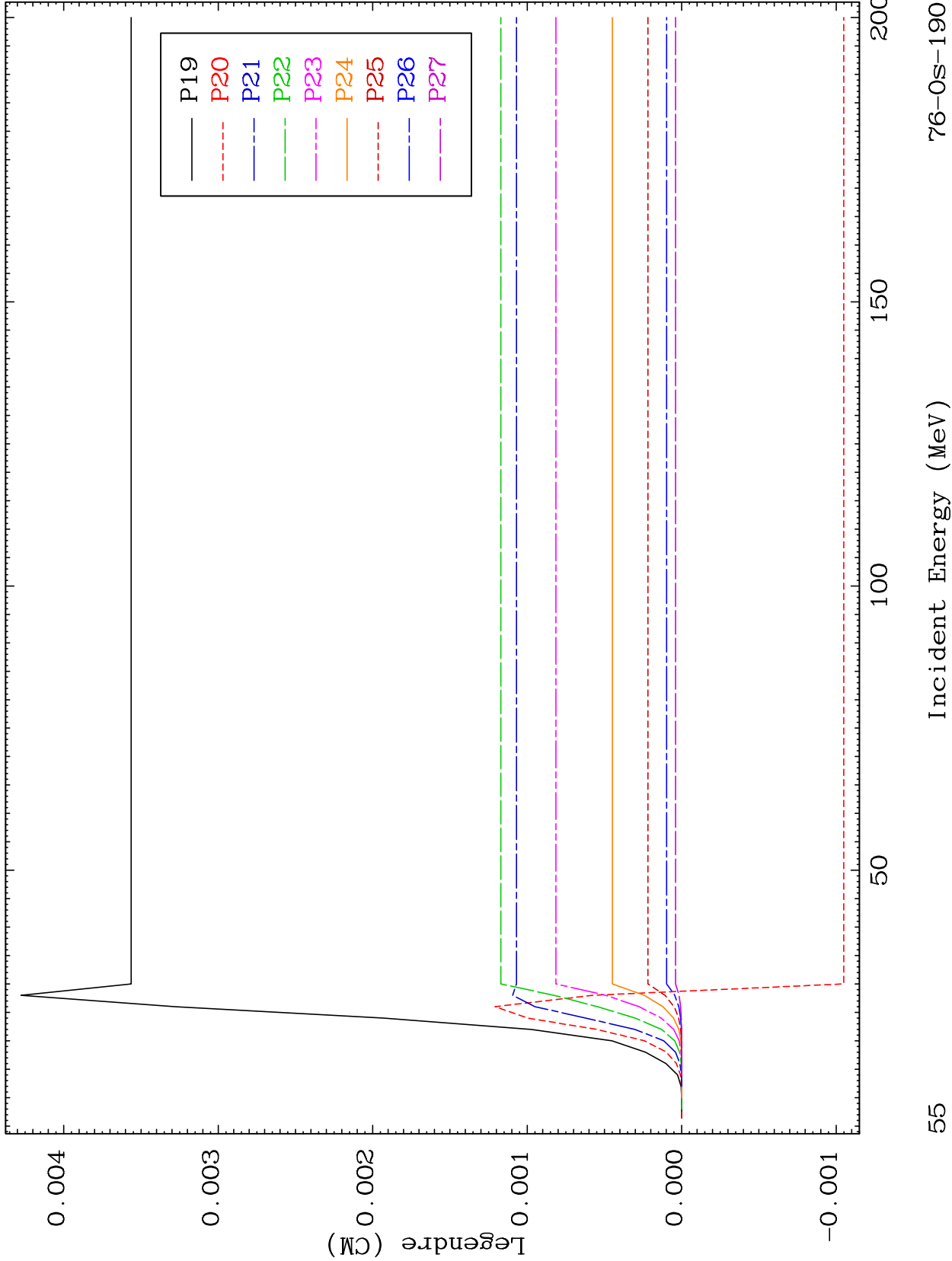
Incident Energy (MeV)

76-Os-190

MAT 7643

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

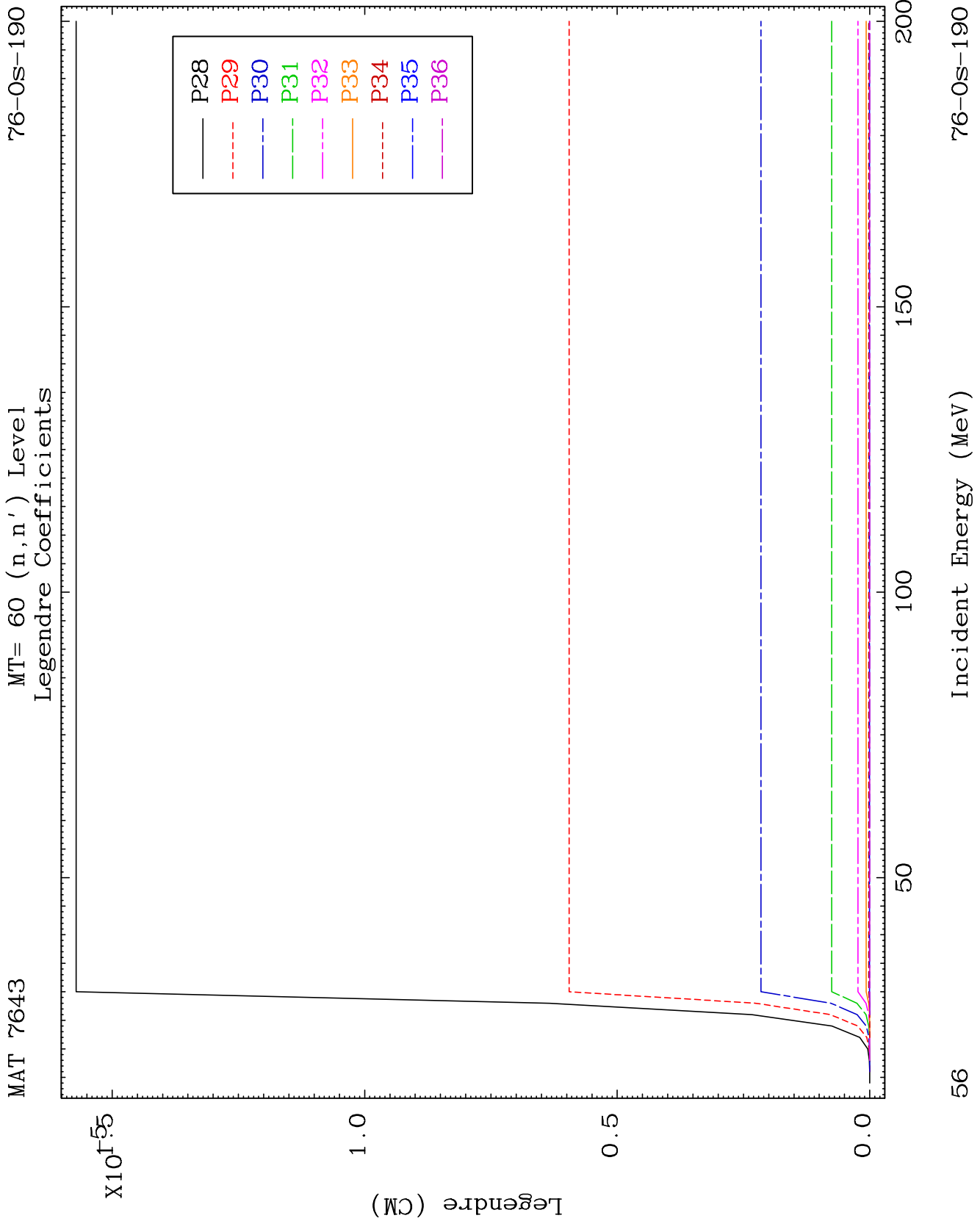
76-Os-190



55

Incident Energy (MeV)

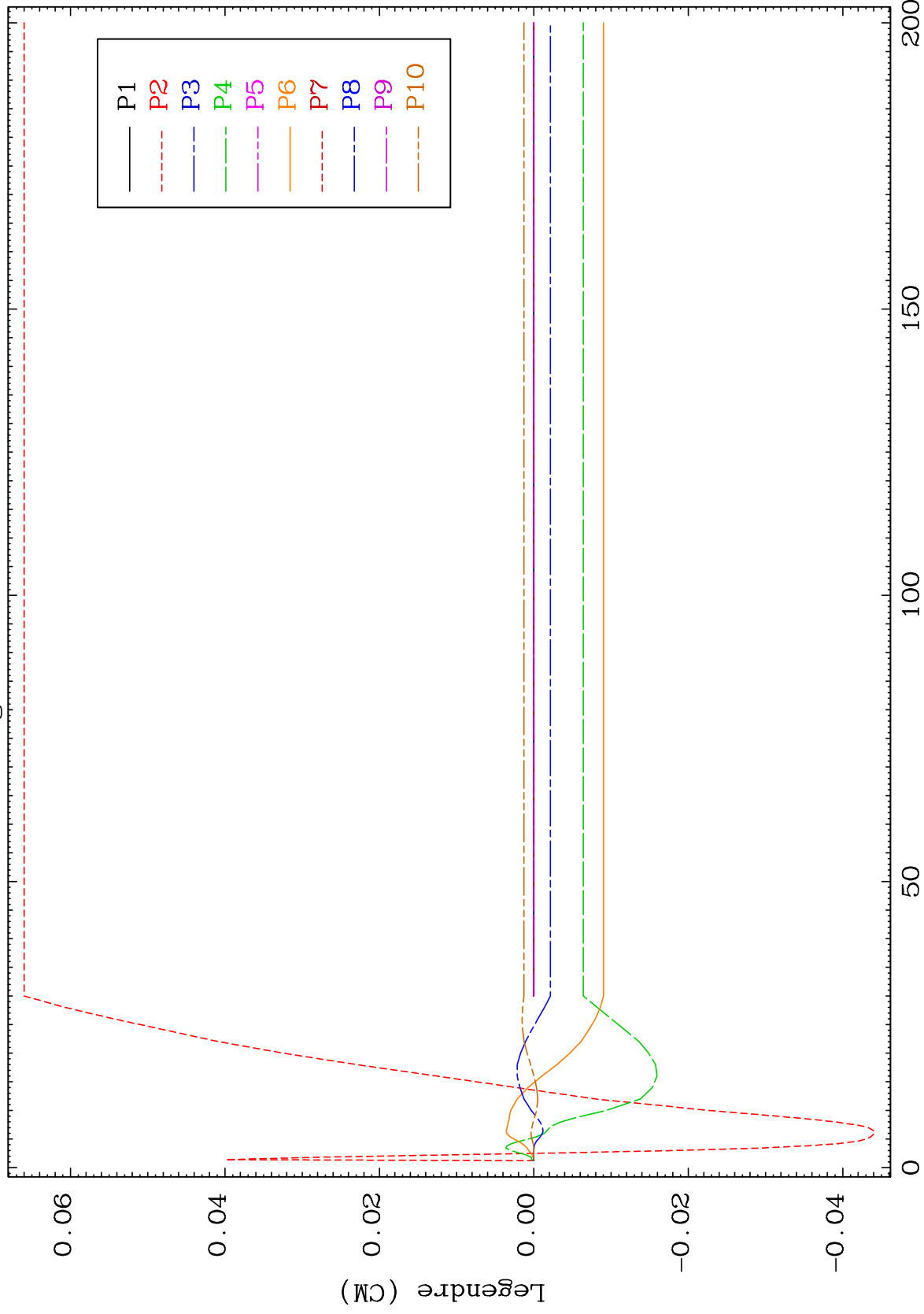
76-Os-190



MAT 7643

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

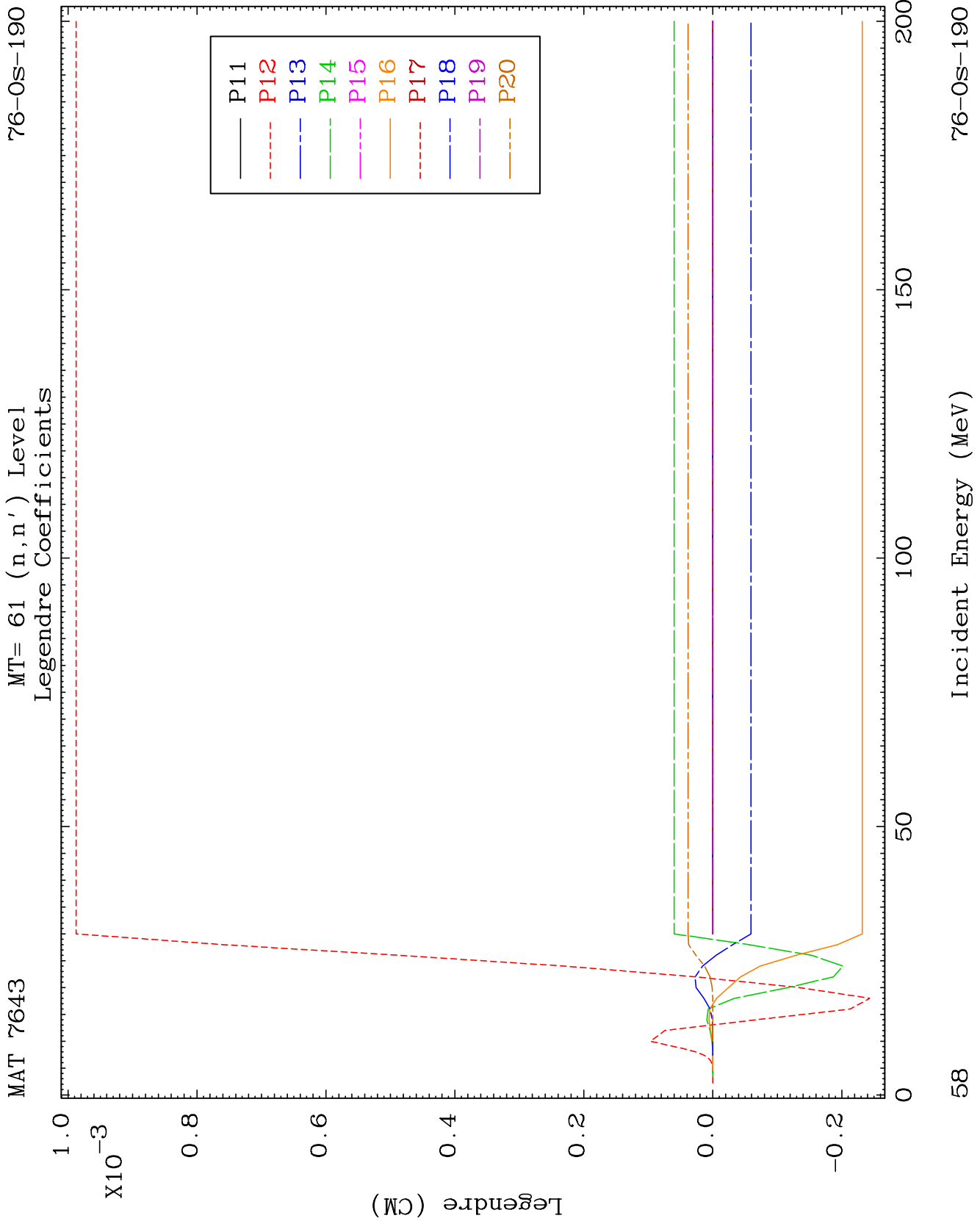
76-Os-190

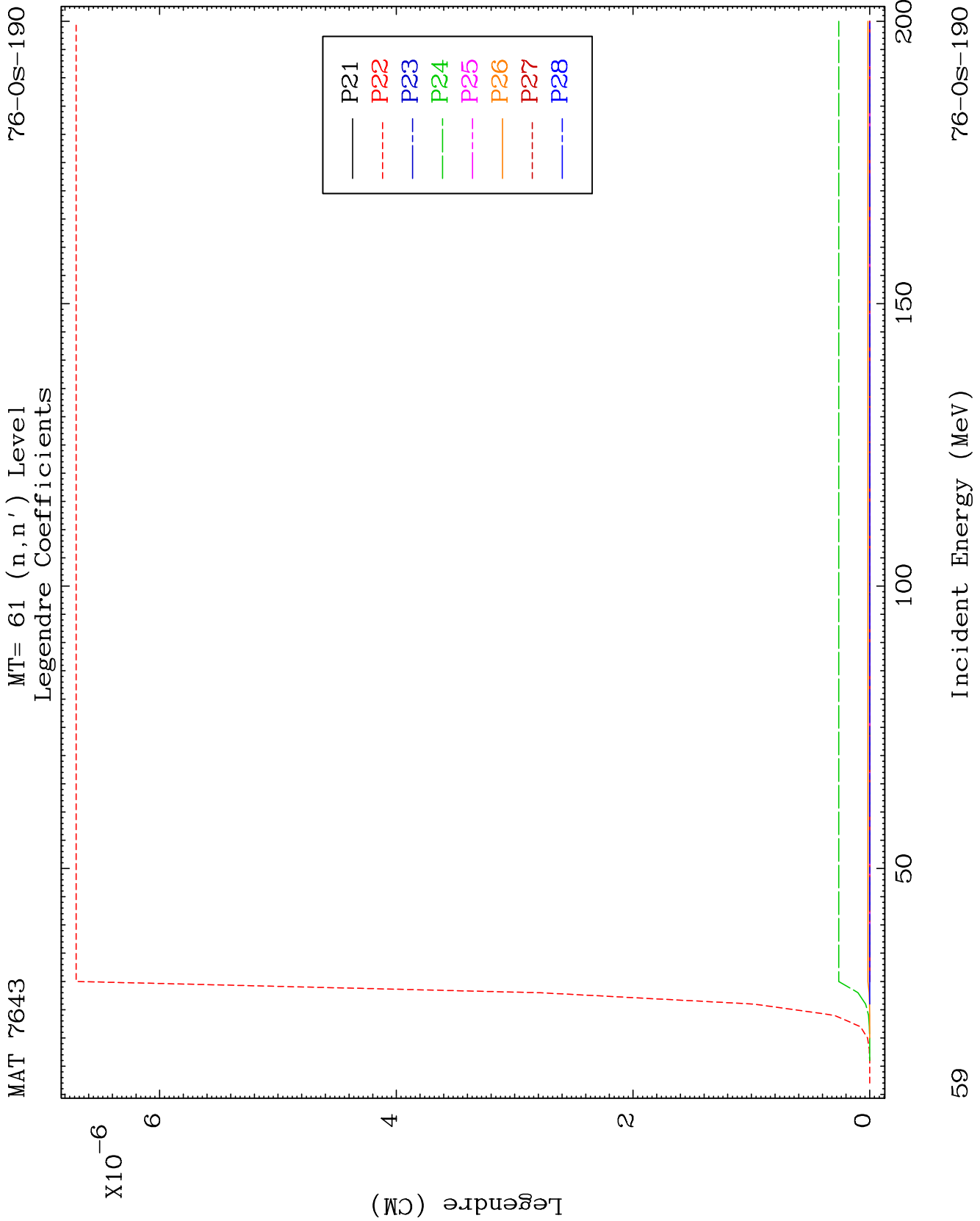


57

Incident Energy (MeV)

76-Os-190



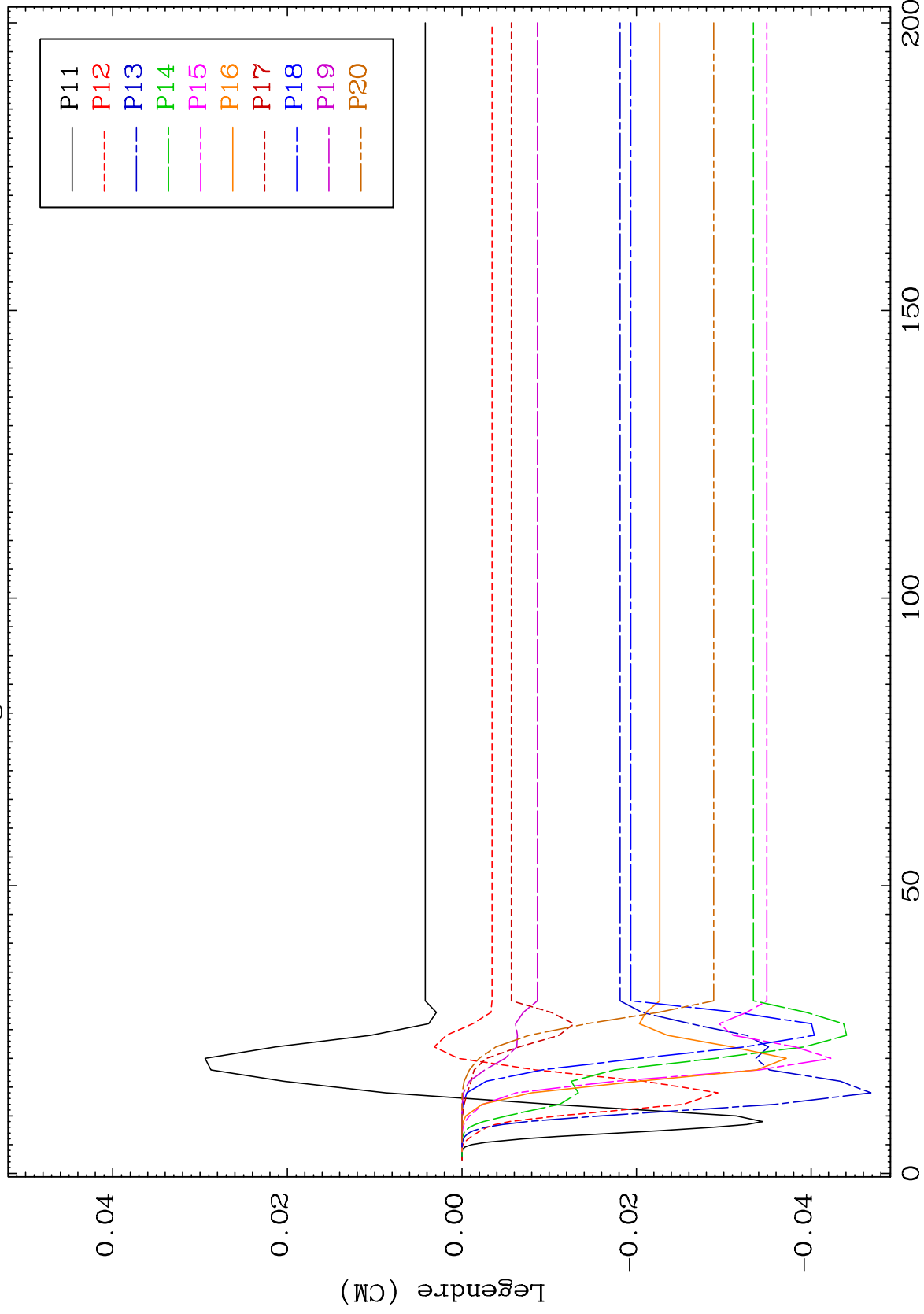




MAT 7643

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

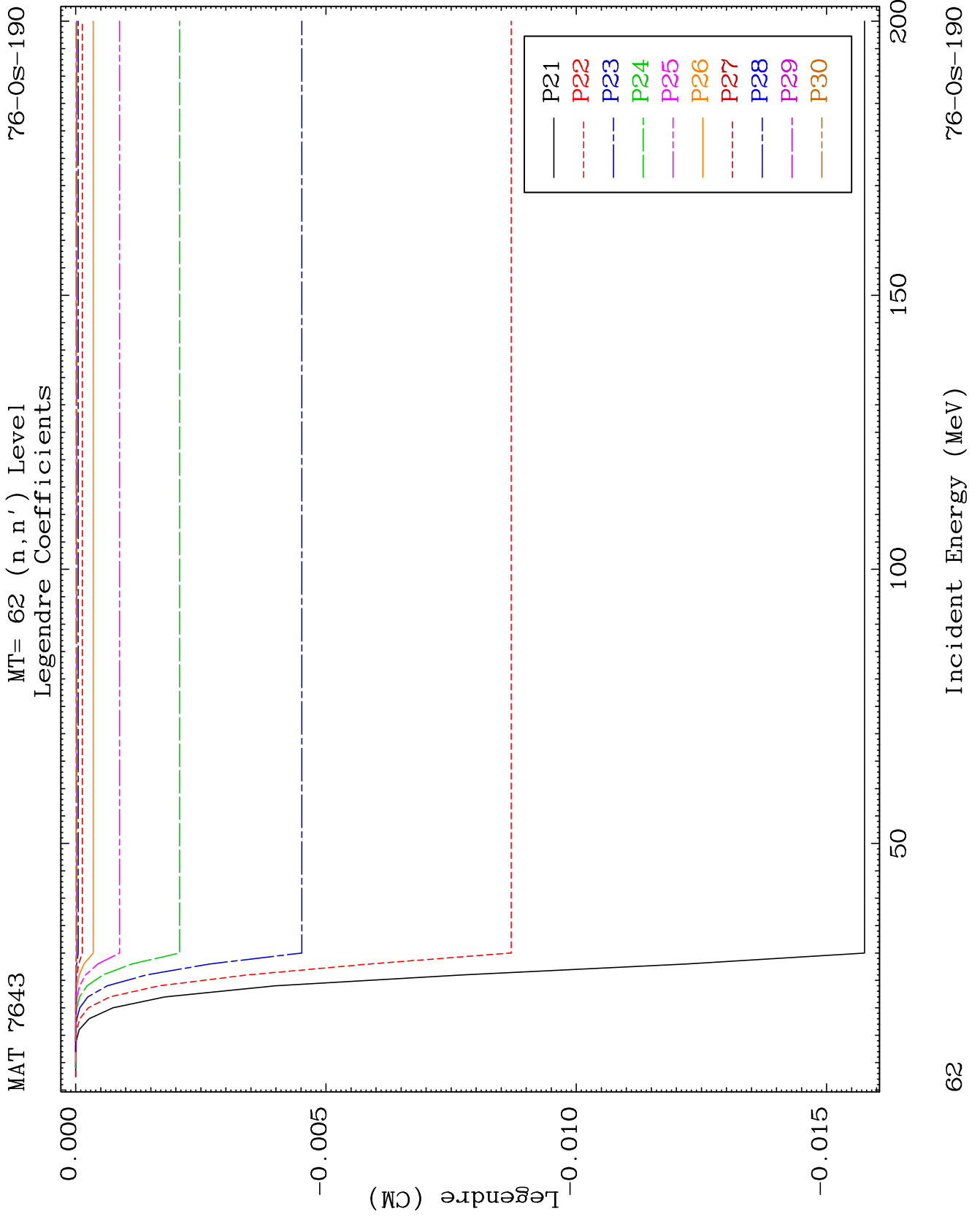
76-Os-190

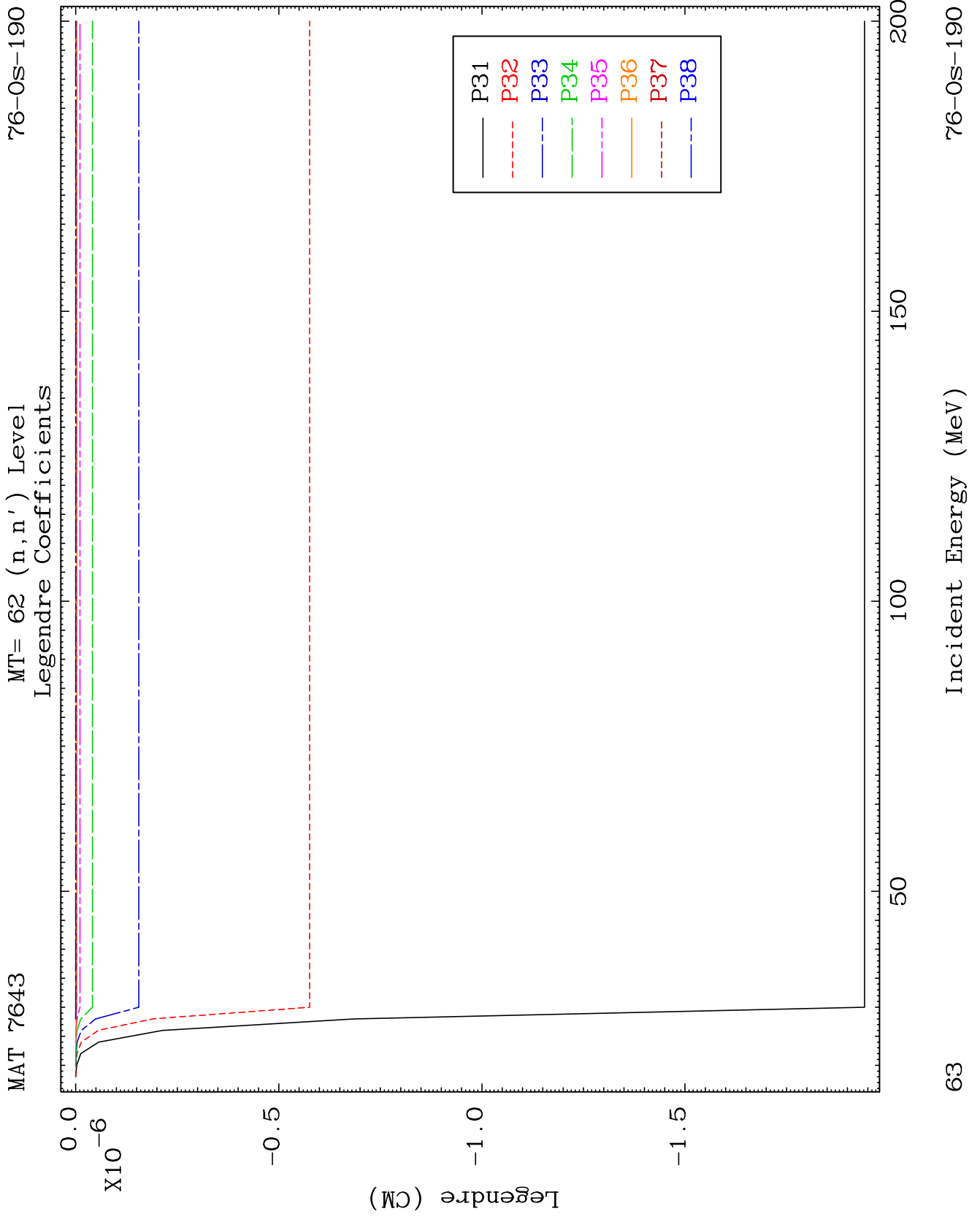


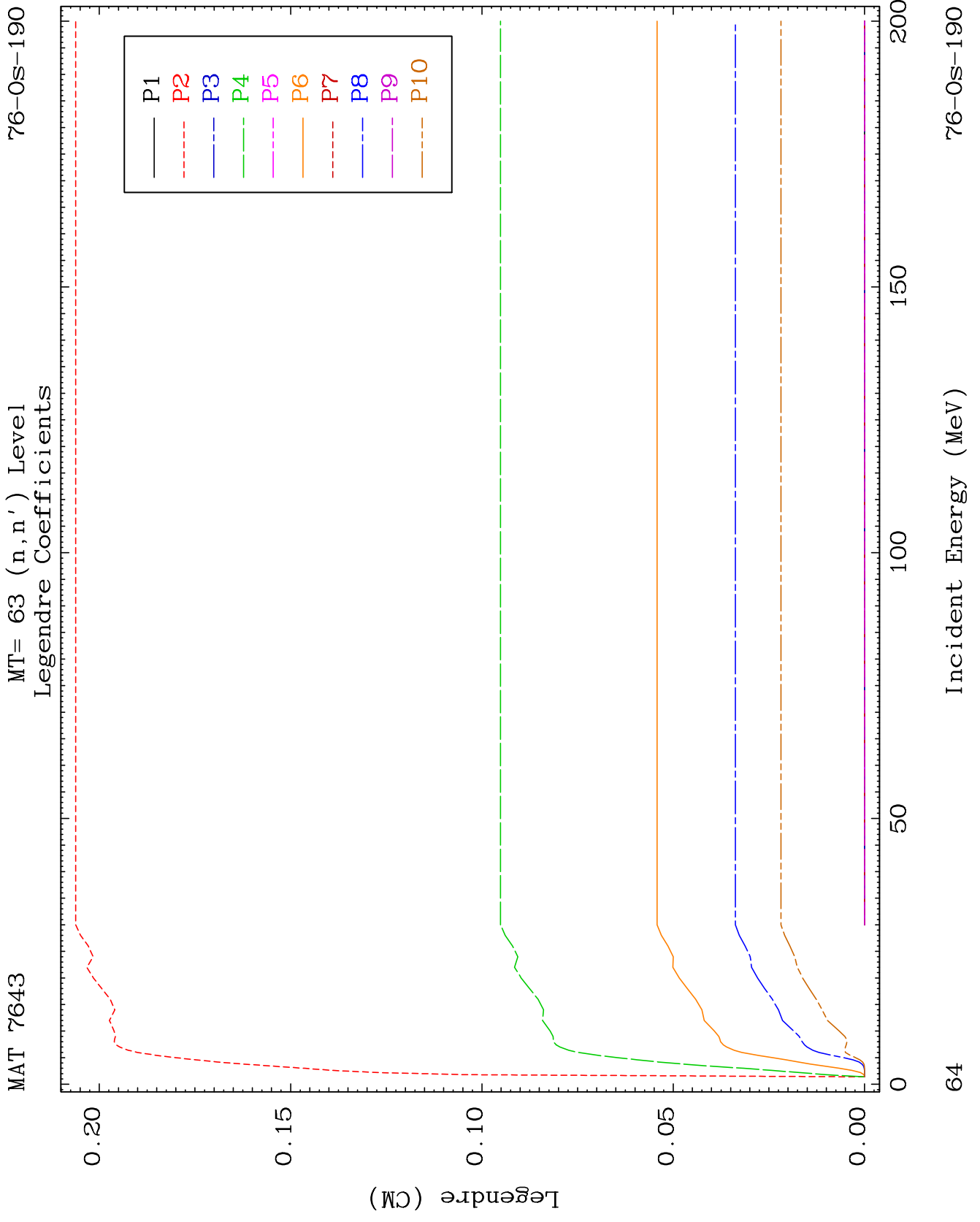
61

Incident Energy (MeV)

76-Os-190



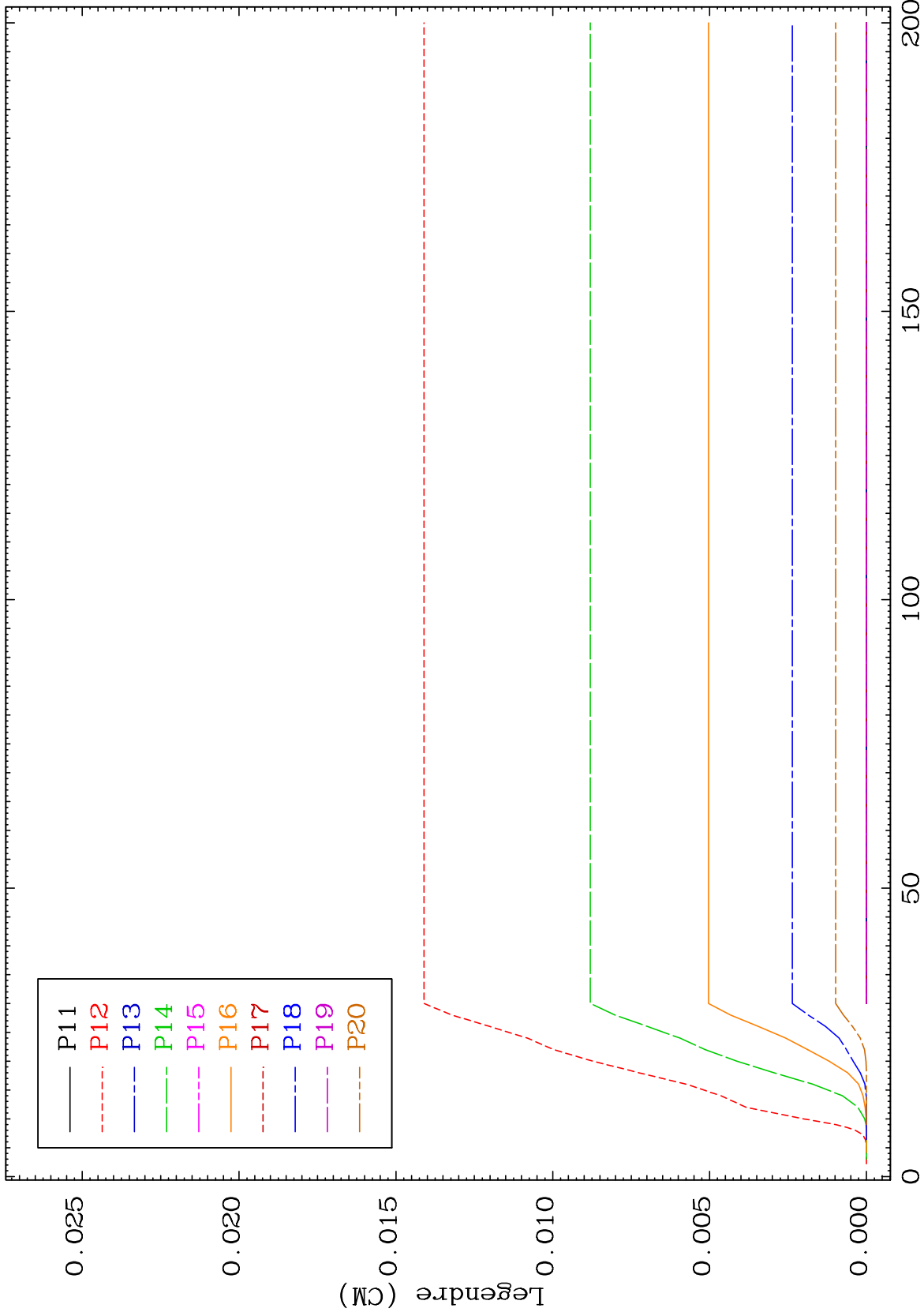




MAT 7643

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

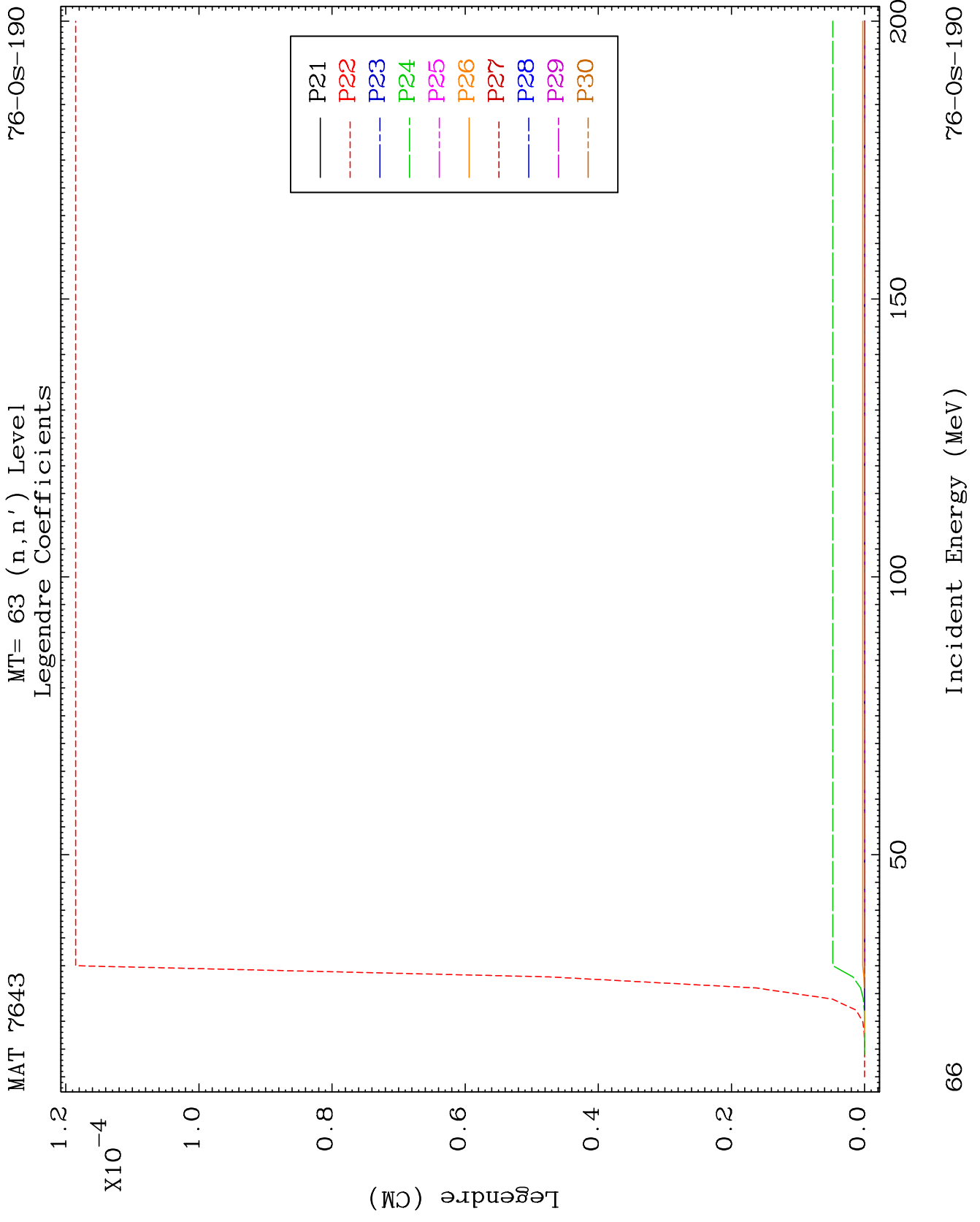
76-Os-190



65

Incident Energy (MeV)

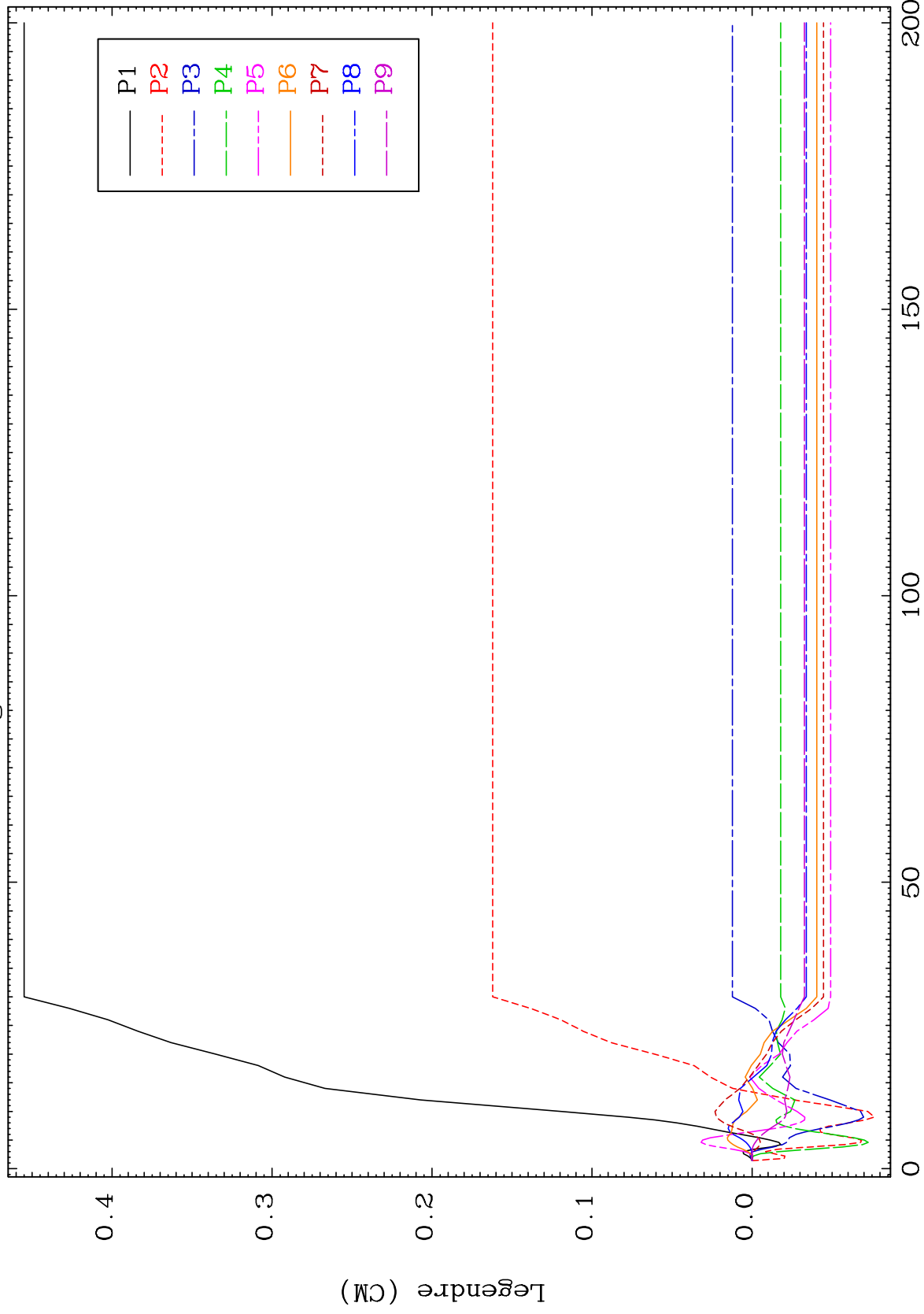
76-Os-190



MAT 7643

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

76-Os-190



67

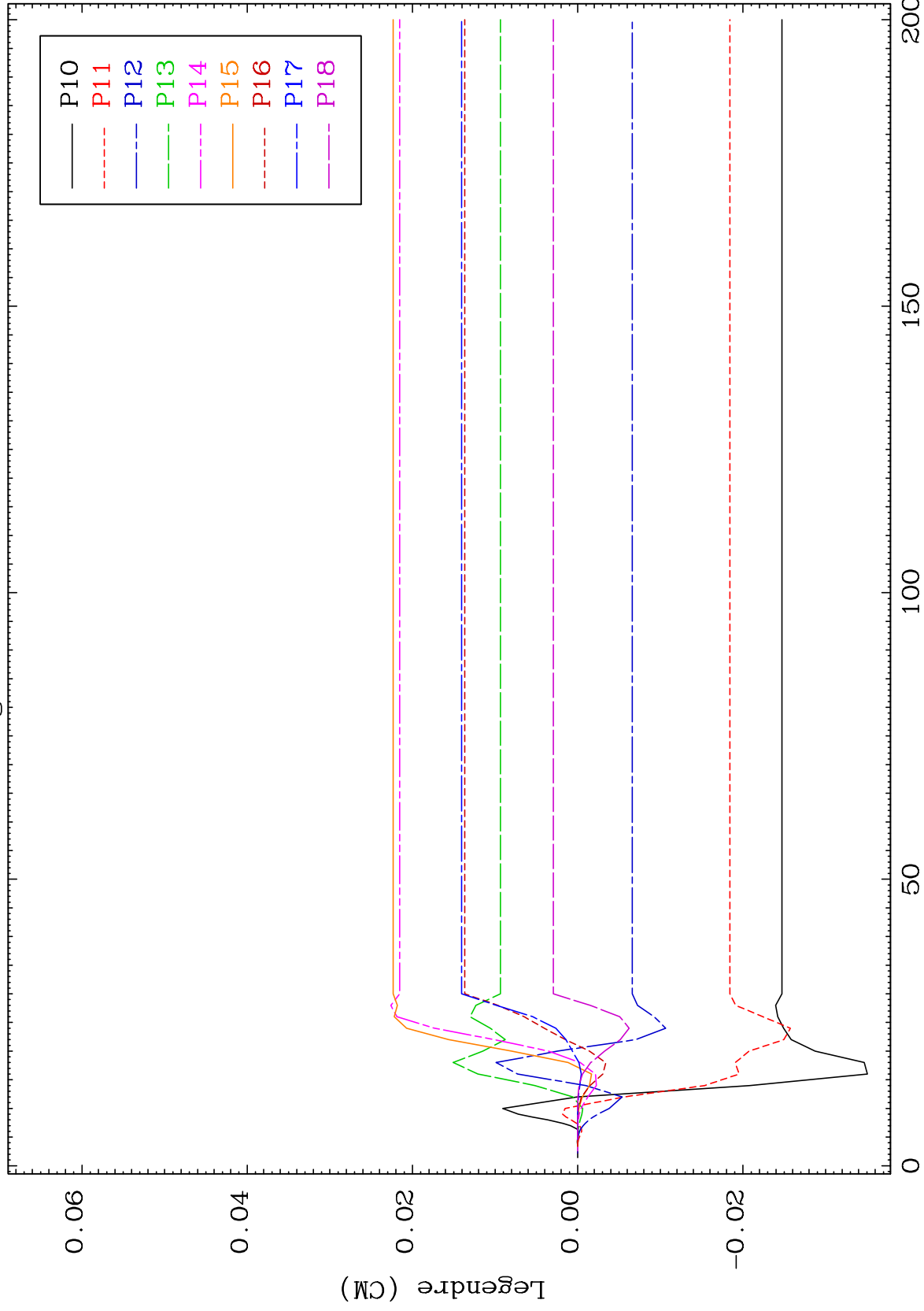
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



68

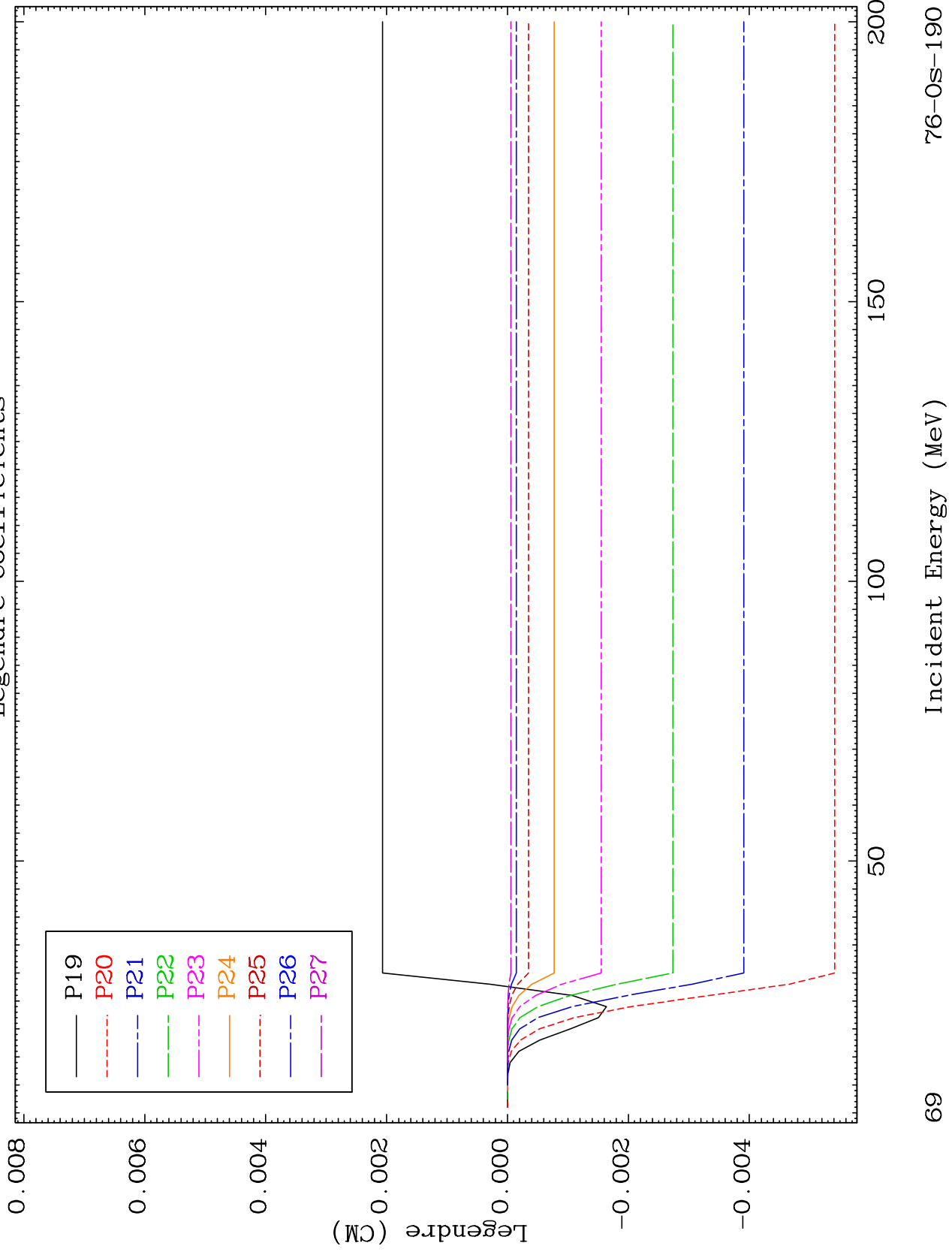
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-0s-190

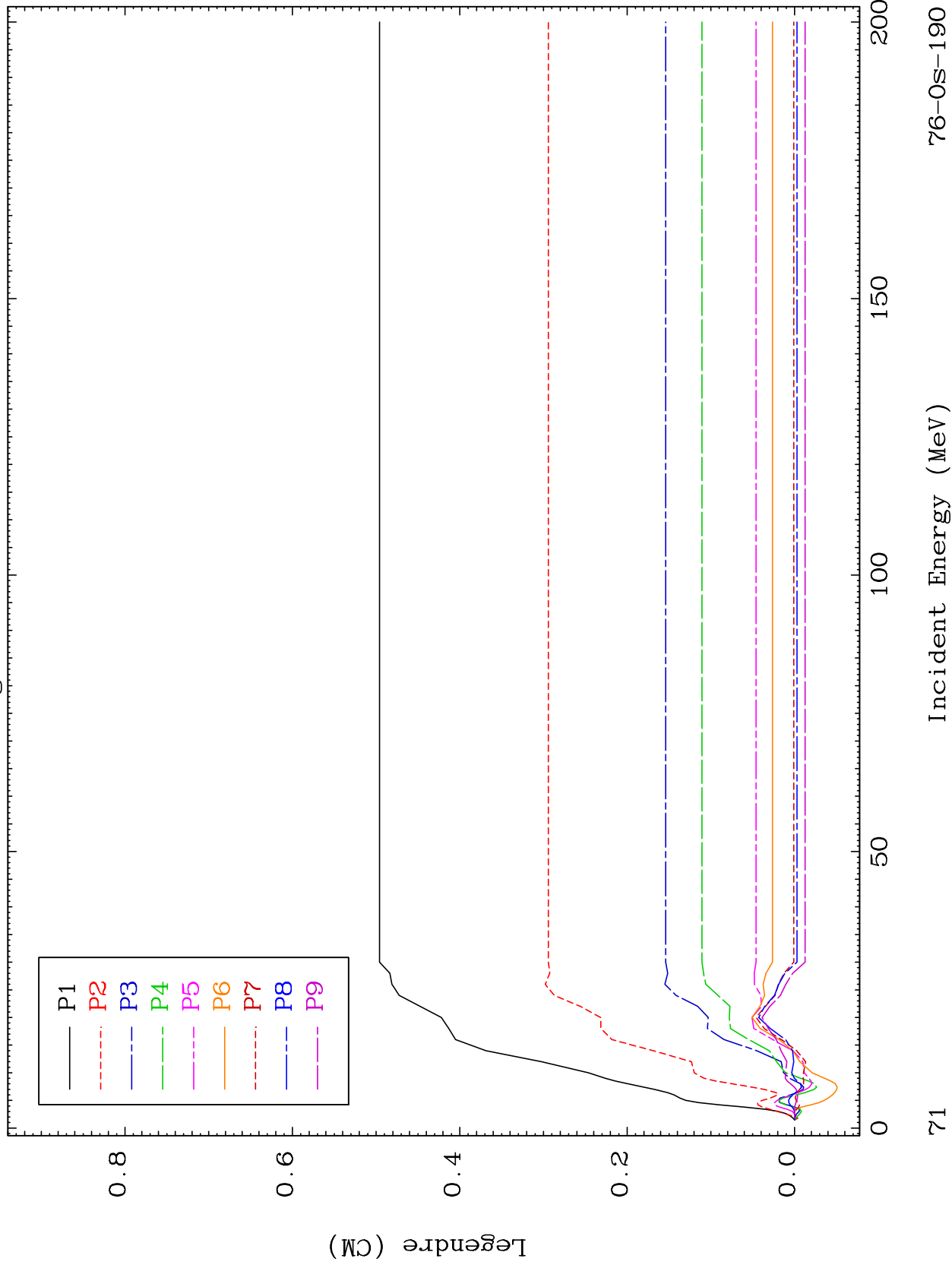




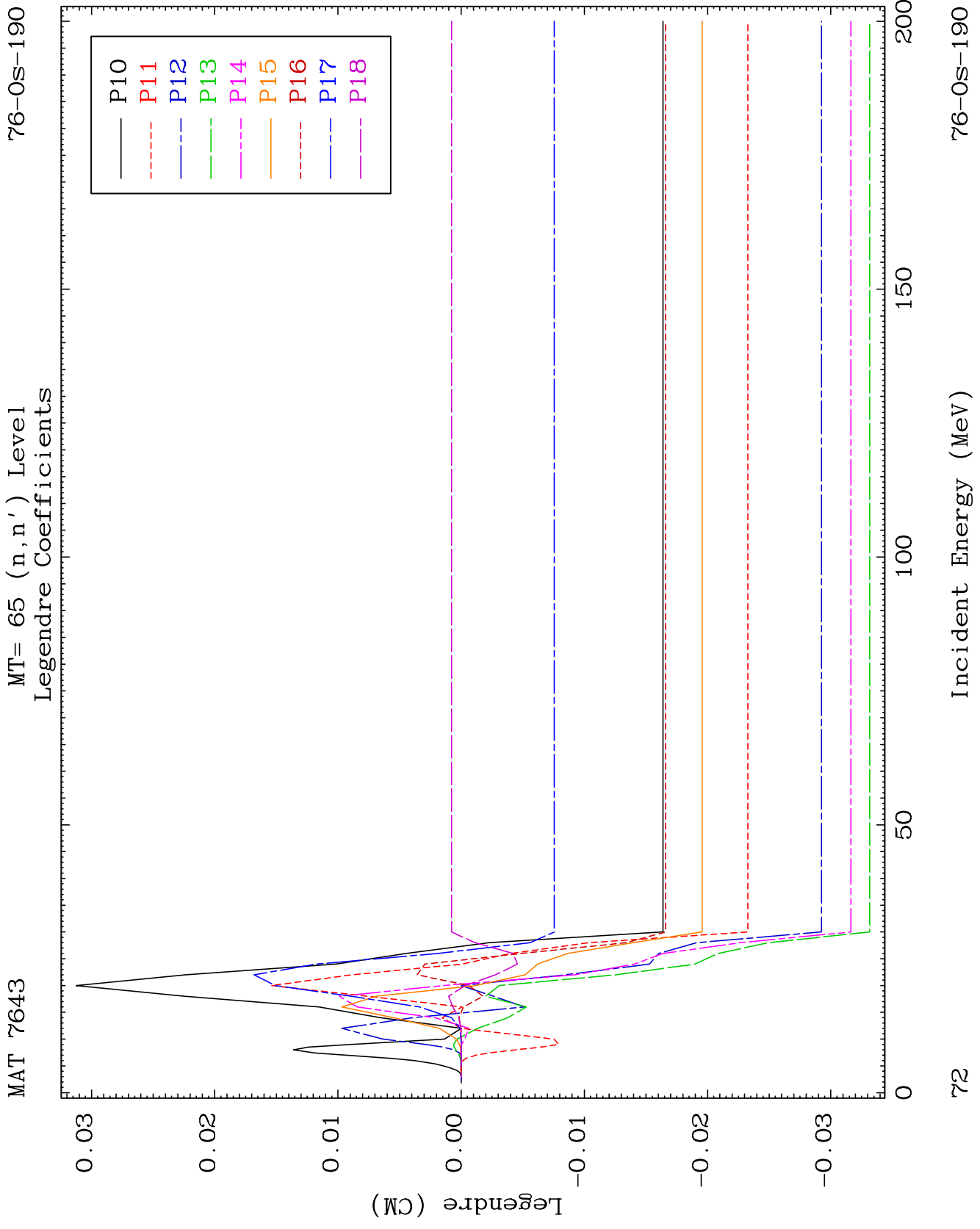
MAT 7643

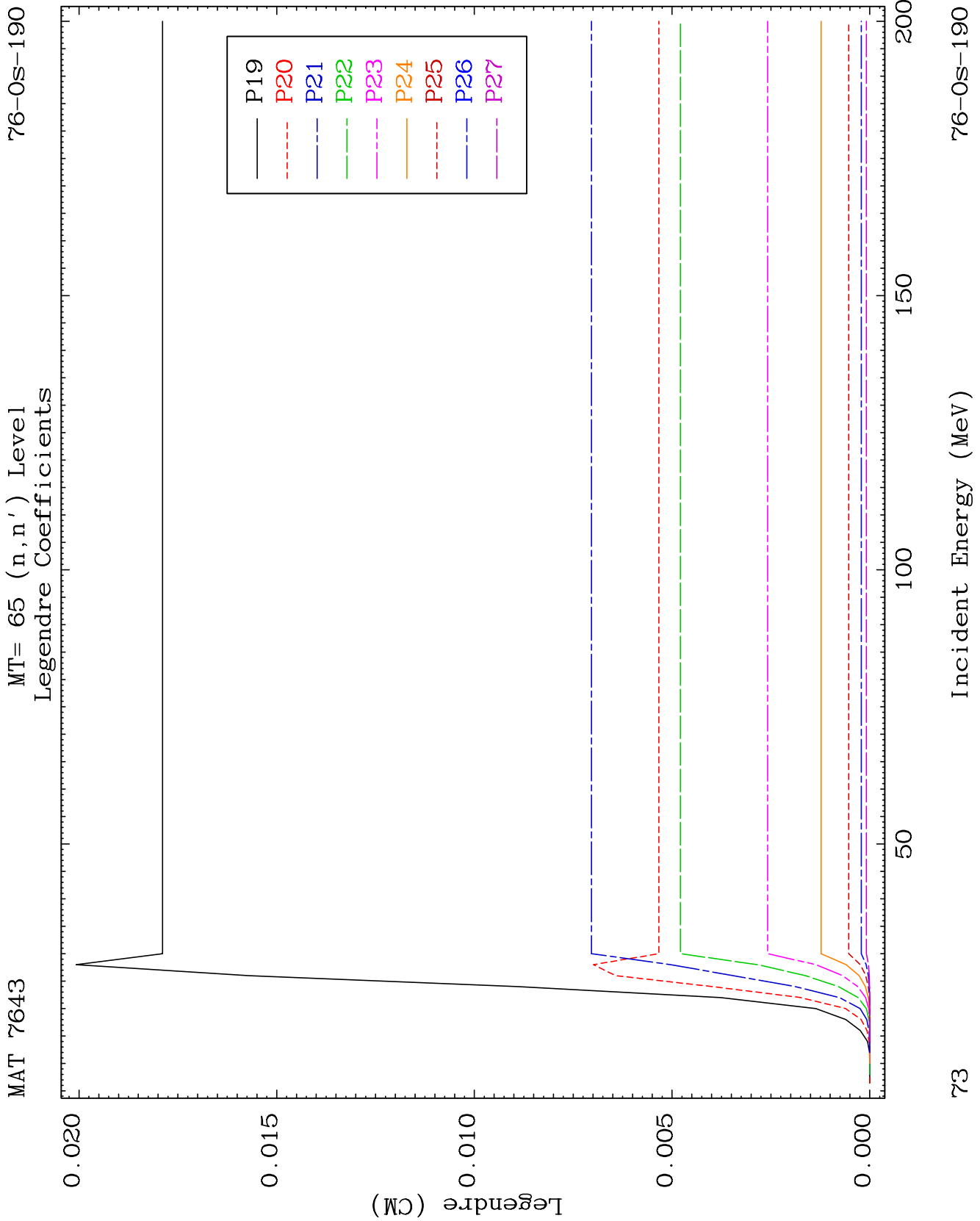
MT= 65 (n,n') Level  
Legendre Coefficients

76-Os-190



71

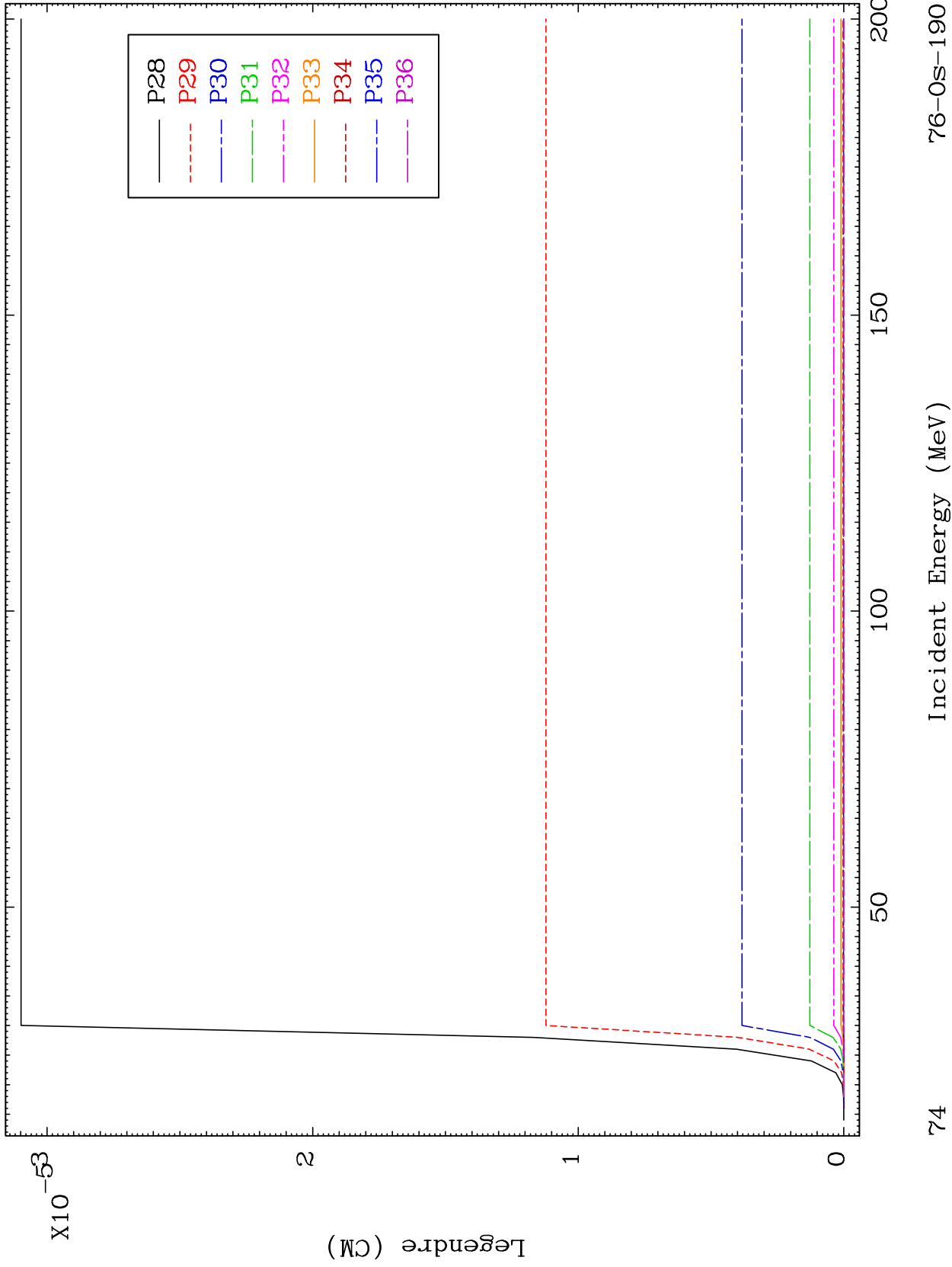




MAT 7643

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

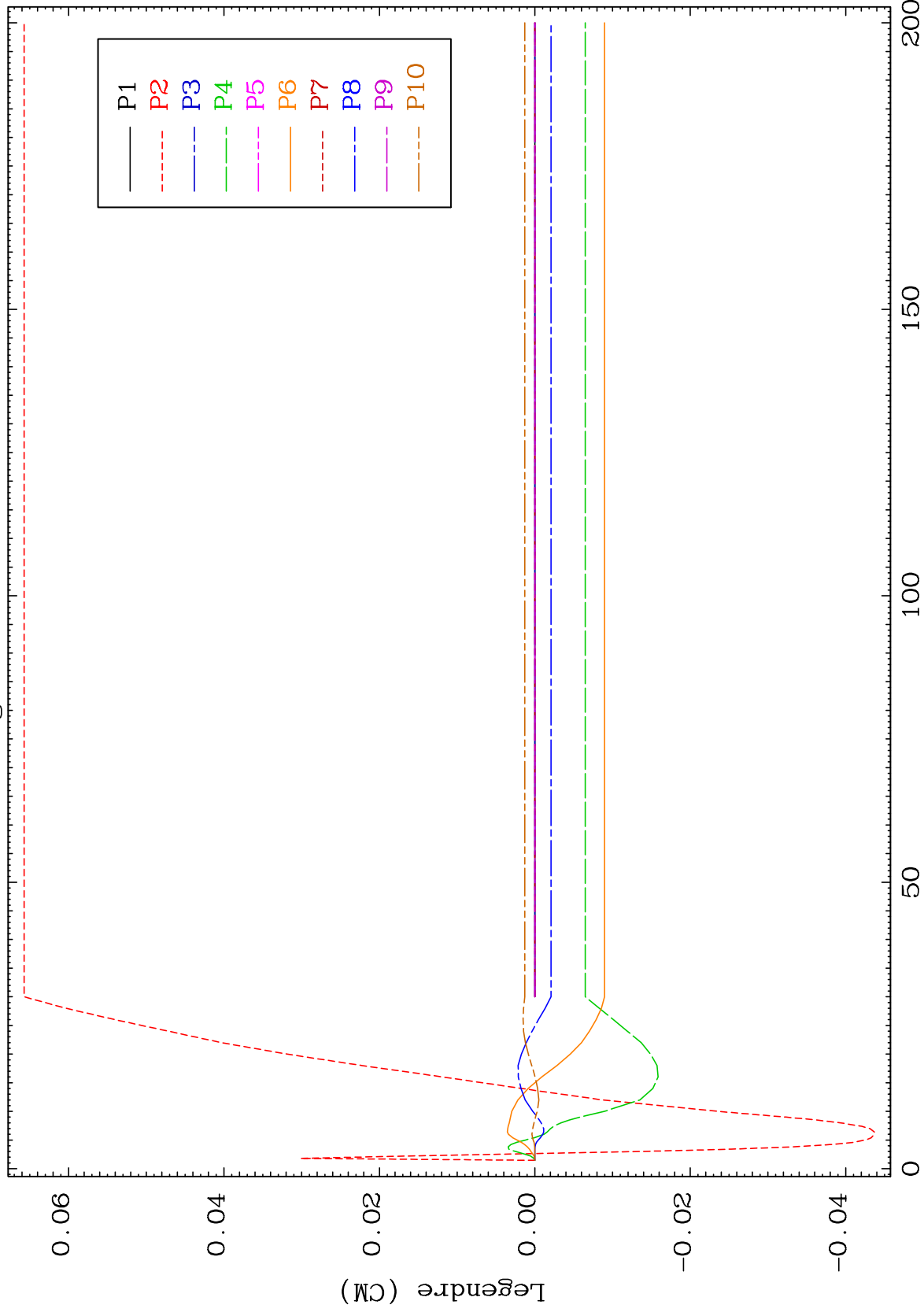
76-Os-190



MAT 7643

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

76-Os-190



75

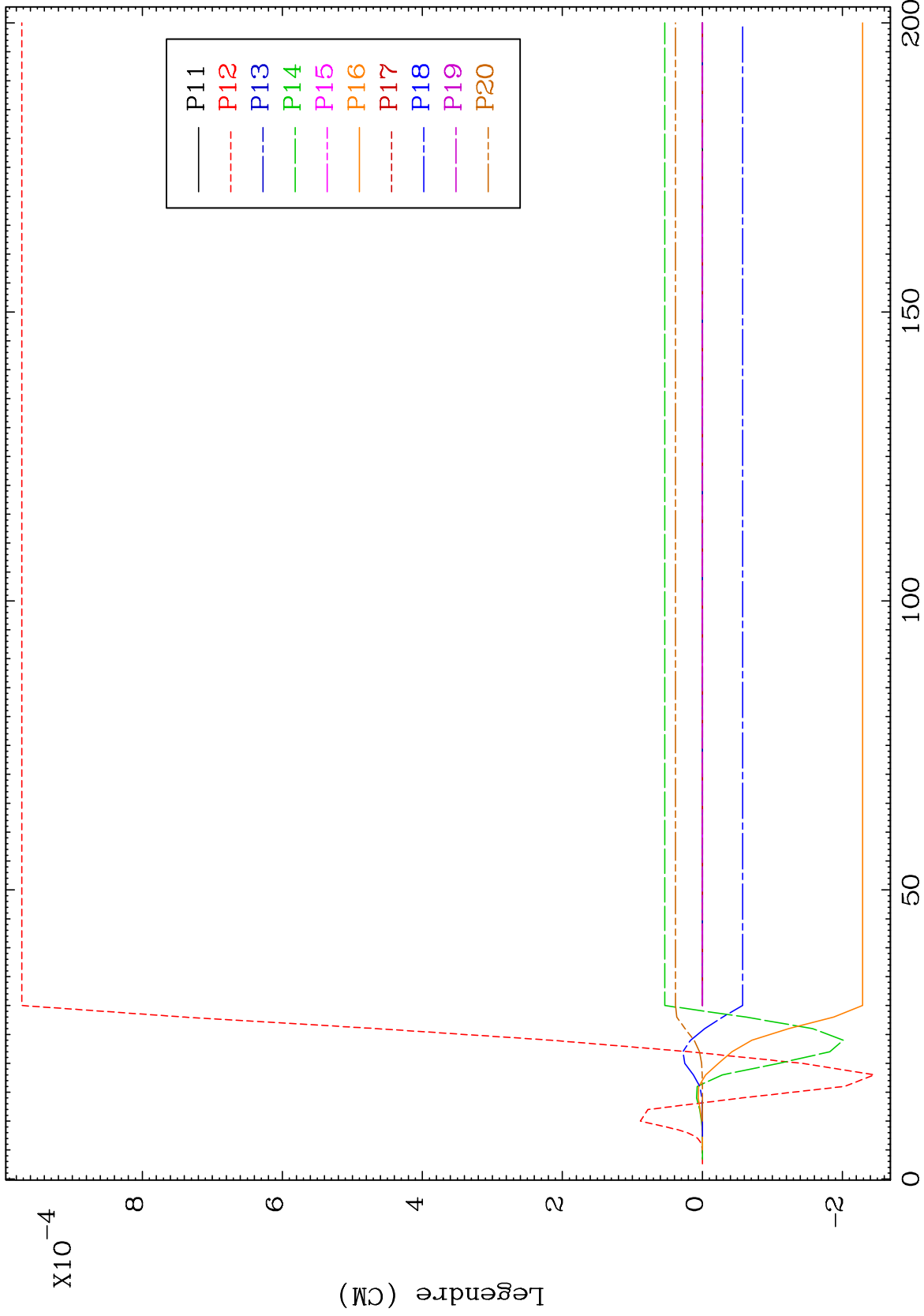
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



76

Incident Energy (MeV)

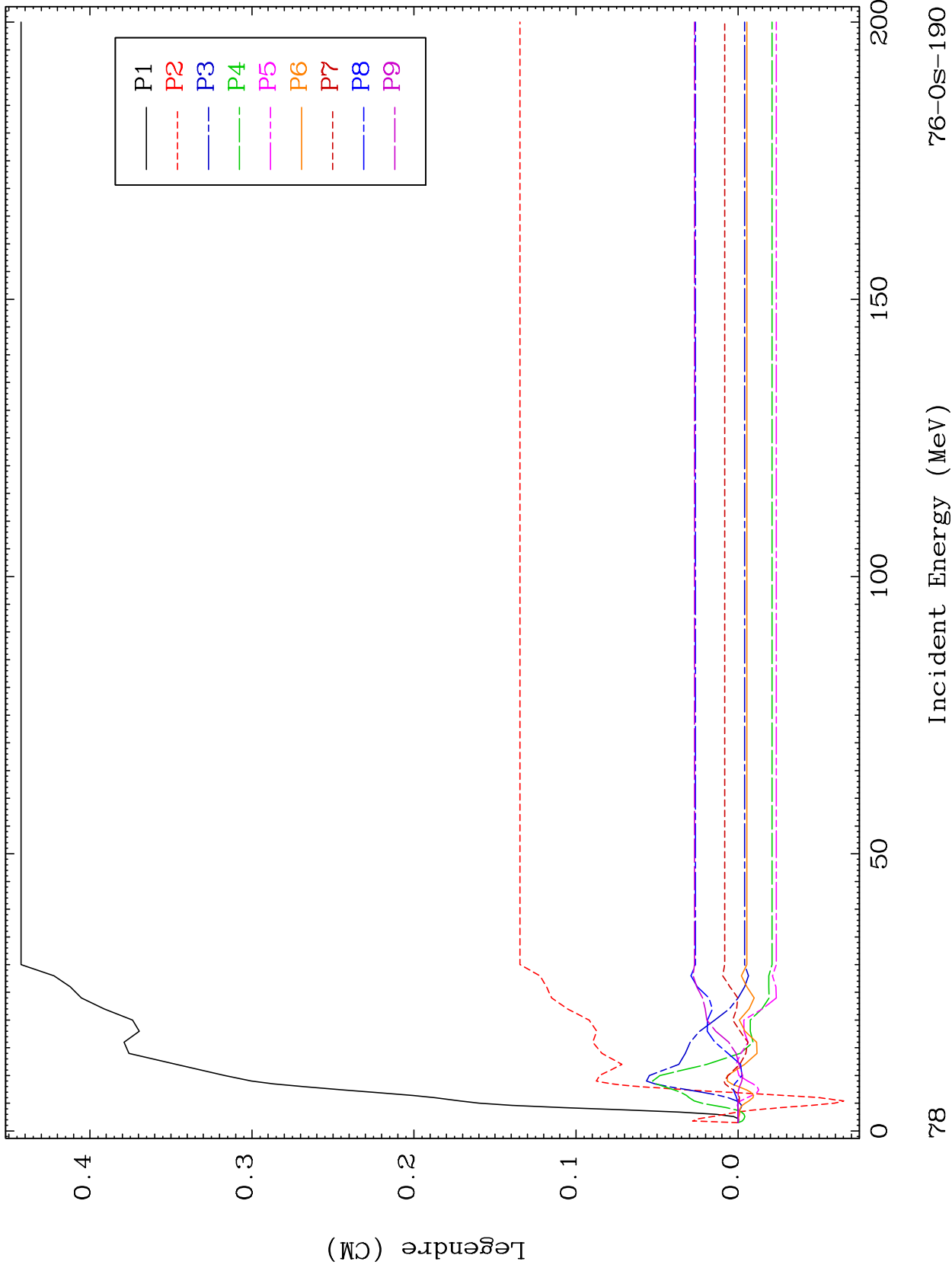
76-Os-190



MAT 7643

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

76-Os-190



76-Os-190

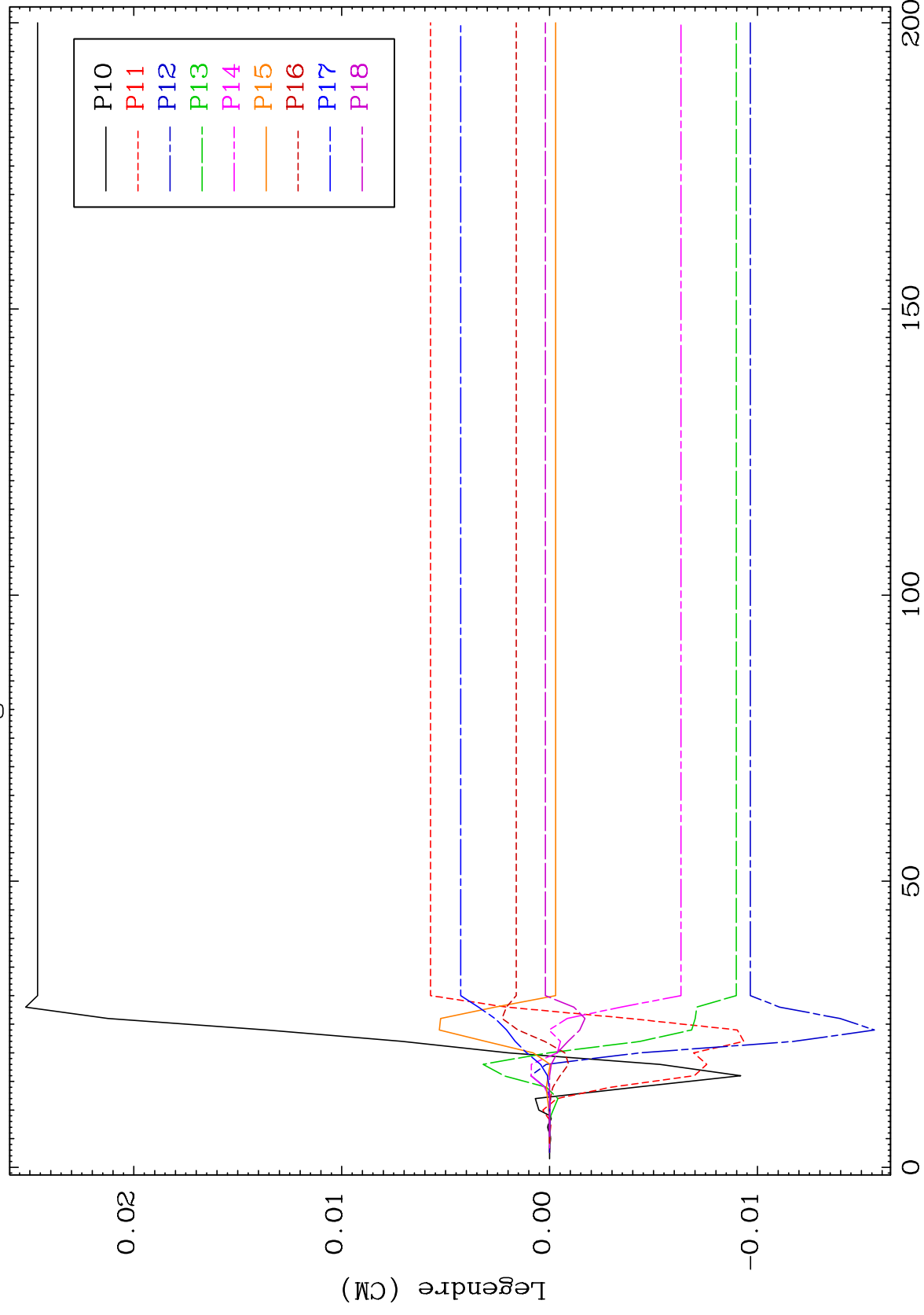
Incident Energy (MeV)

78

MAT 7643

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

76-Os-190



79

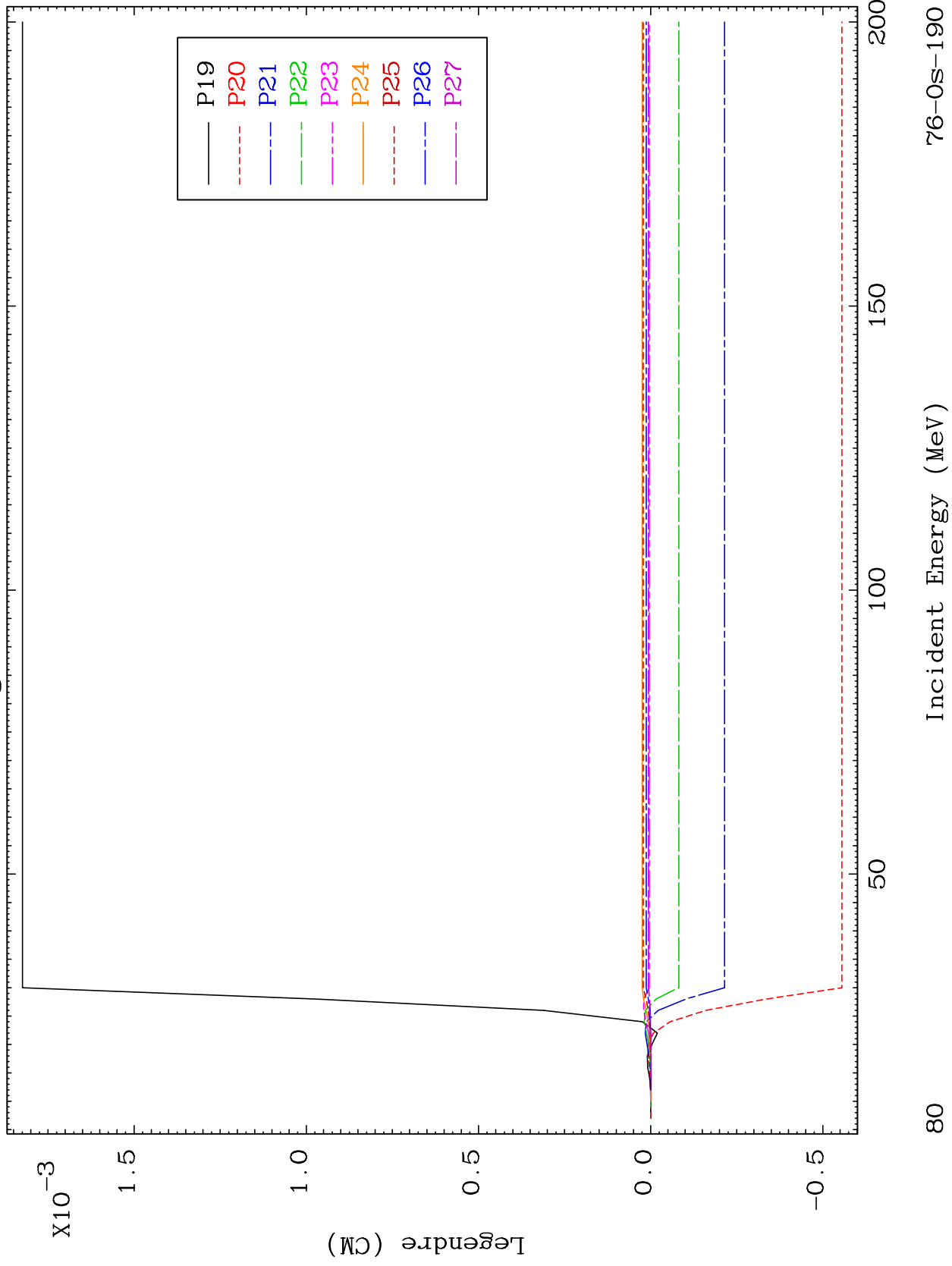
Incident Energy (MeV)

76-Os-190

MAT 7643

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

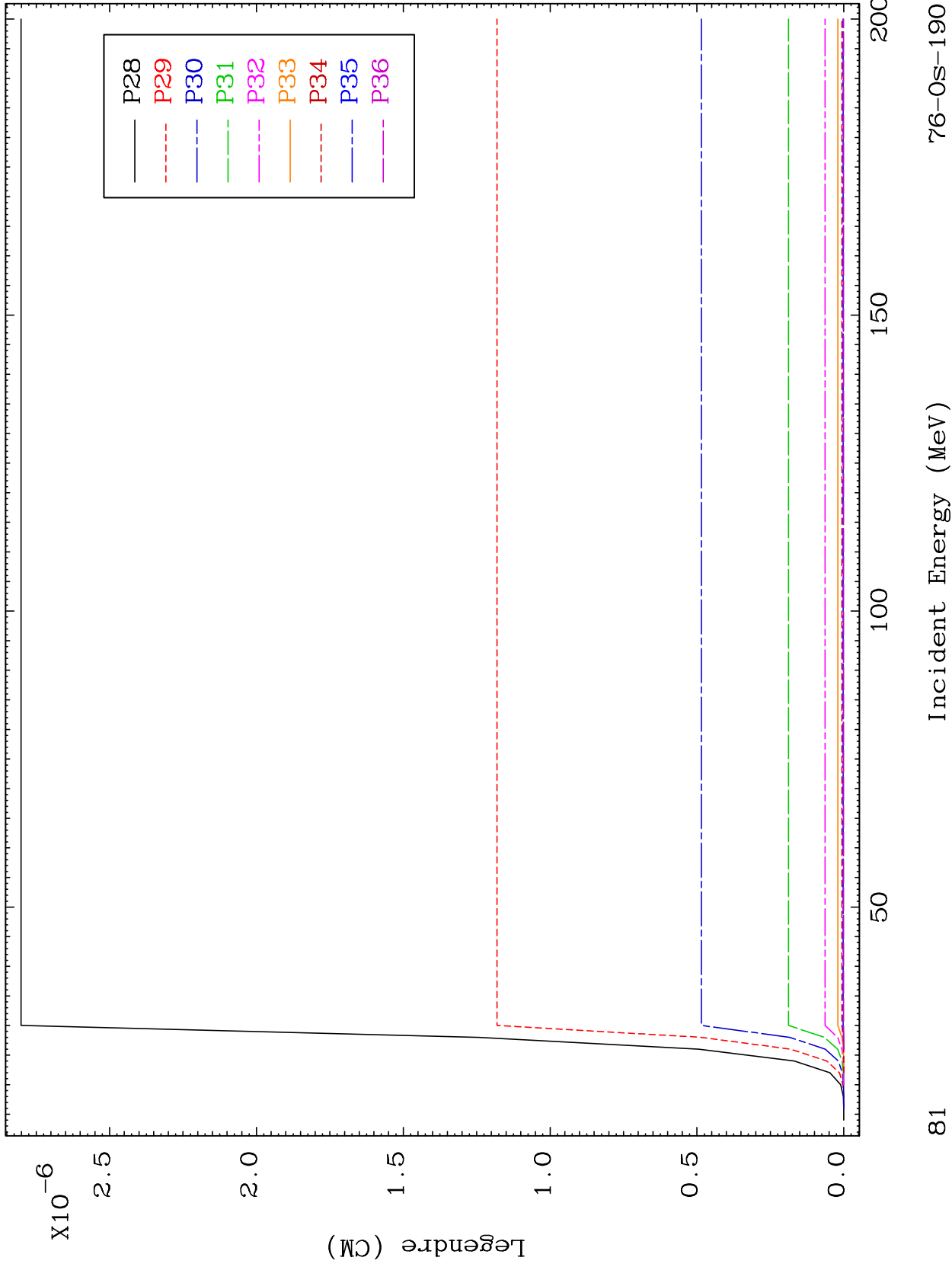
76-Os-190



MAT 7643

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

76-Os-190



81

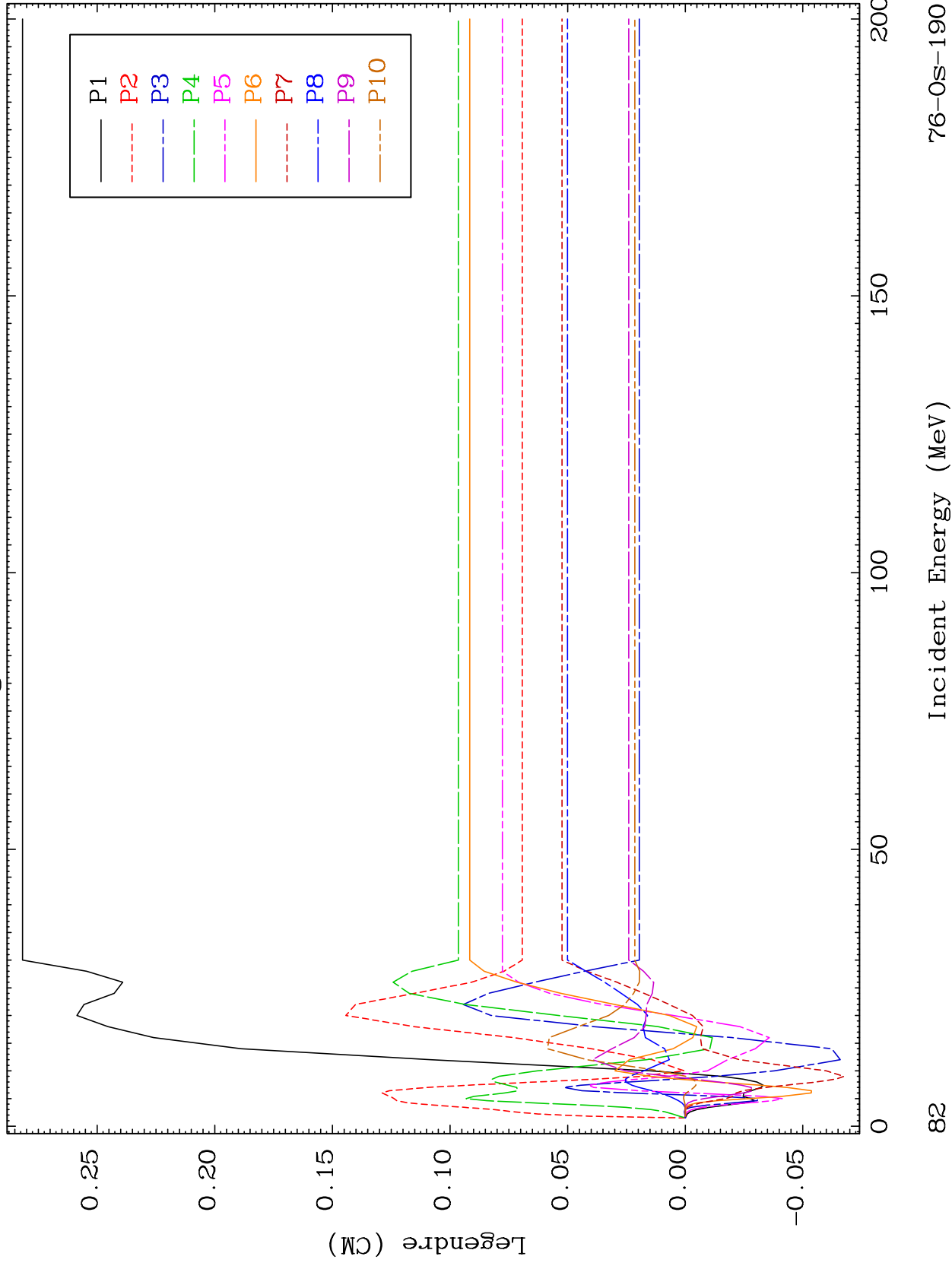
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



76-Os-190

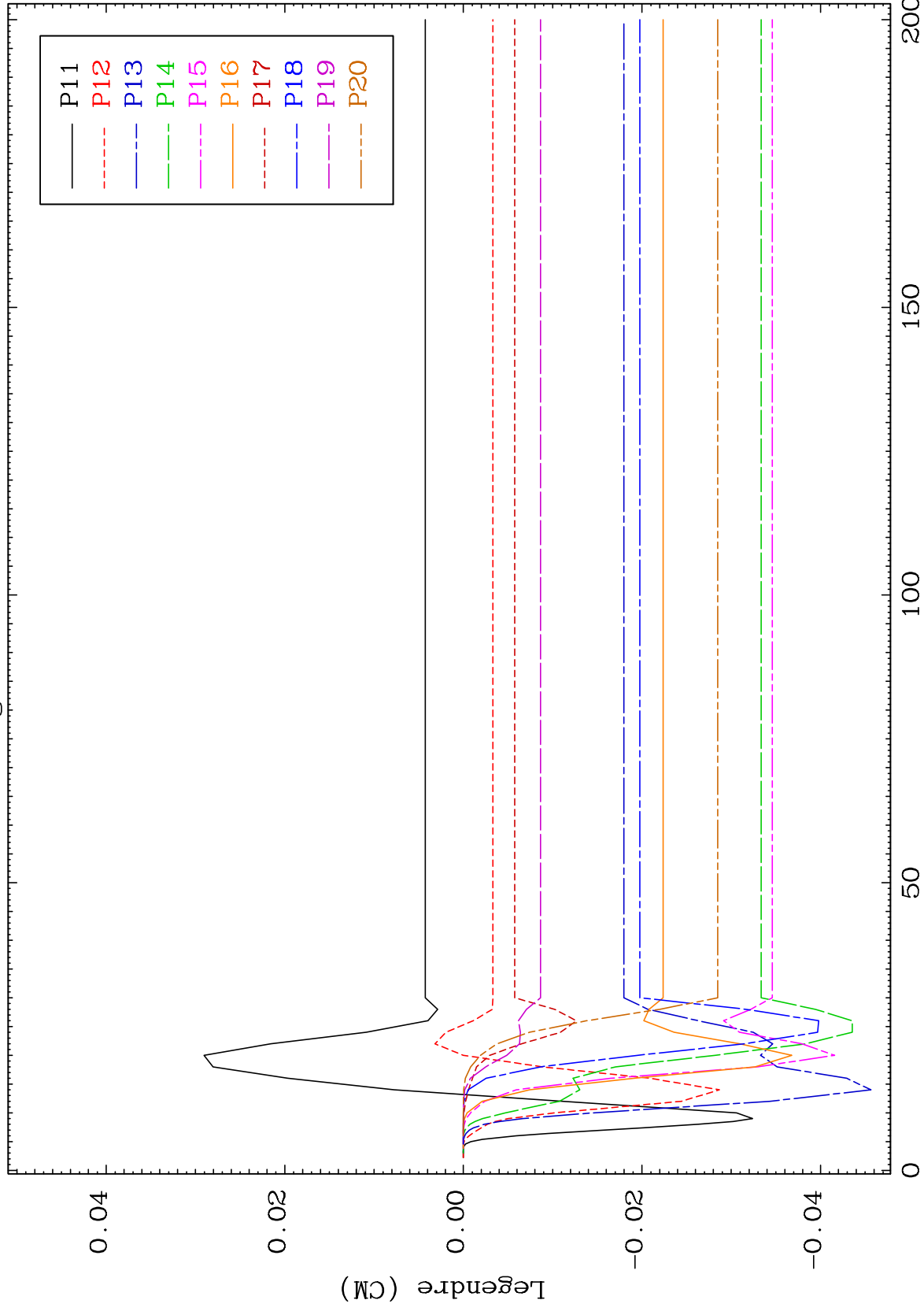
Incident Energy (MeV)

82

MAT 7643

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

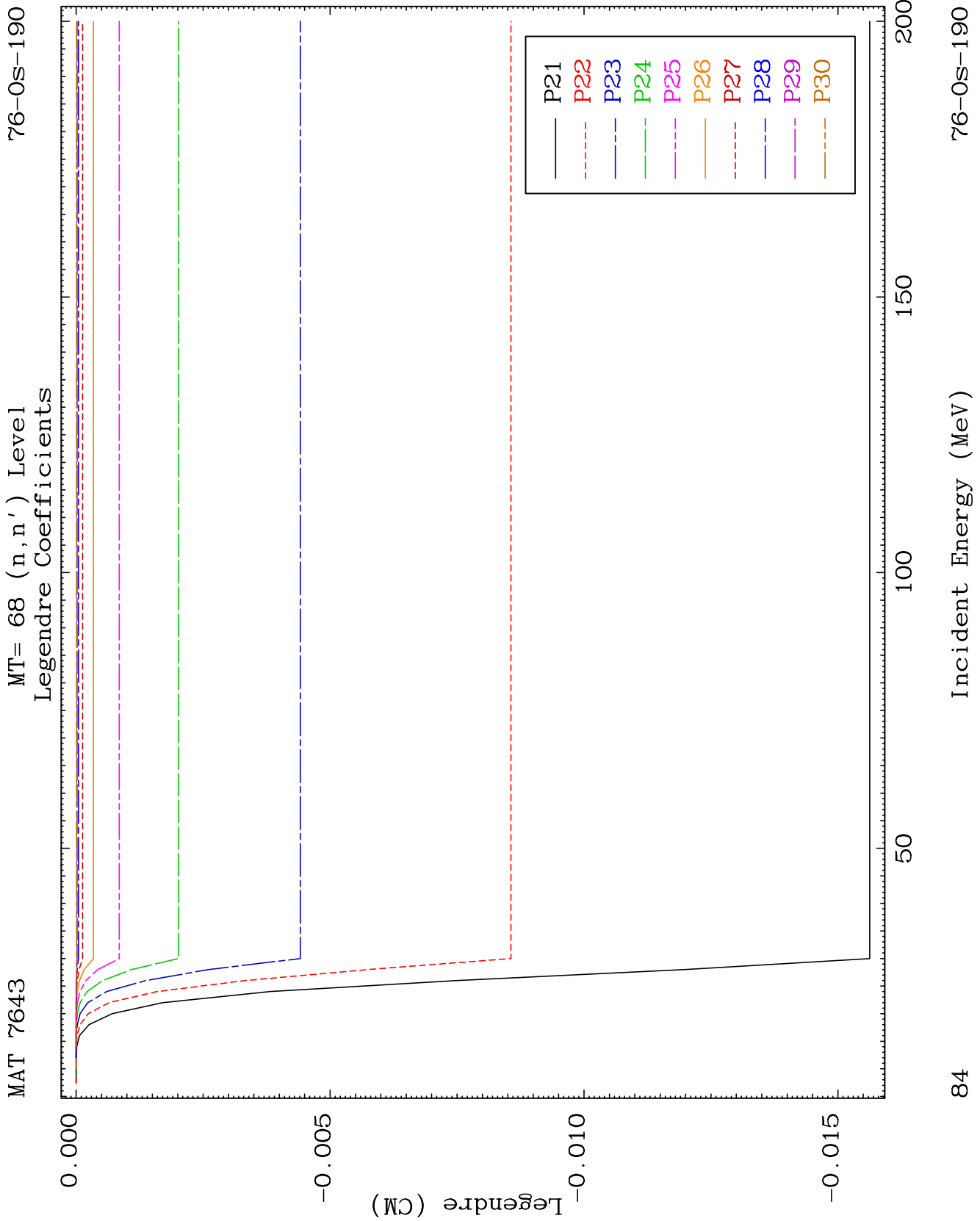
76-Os-190

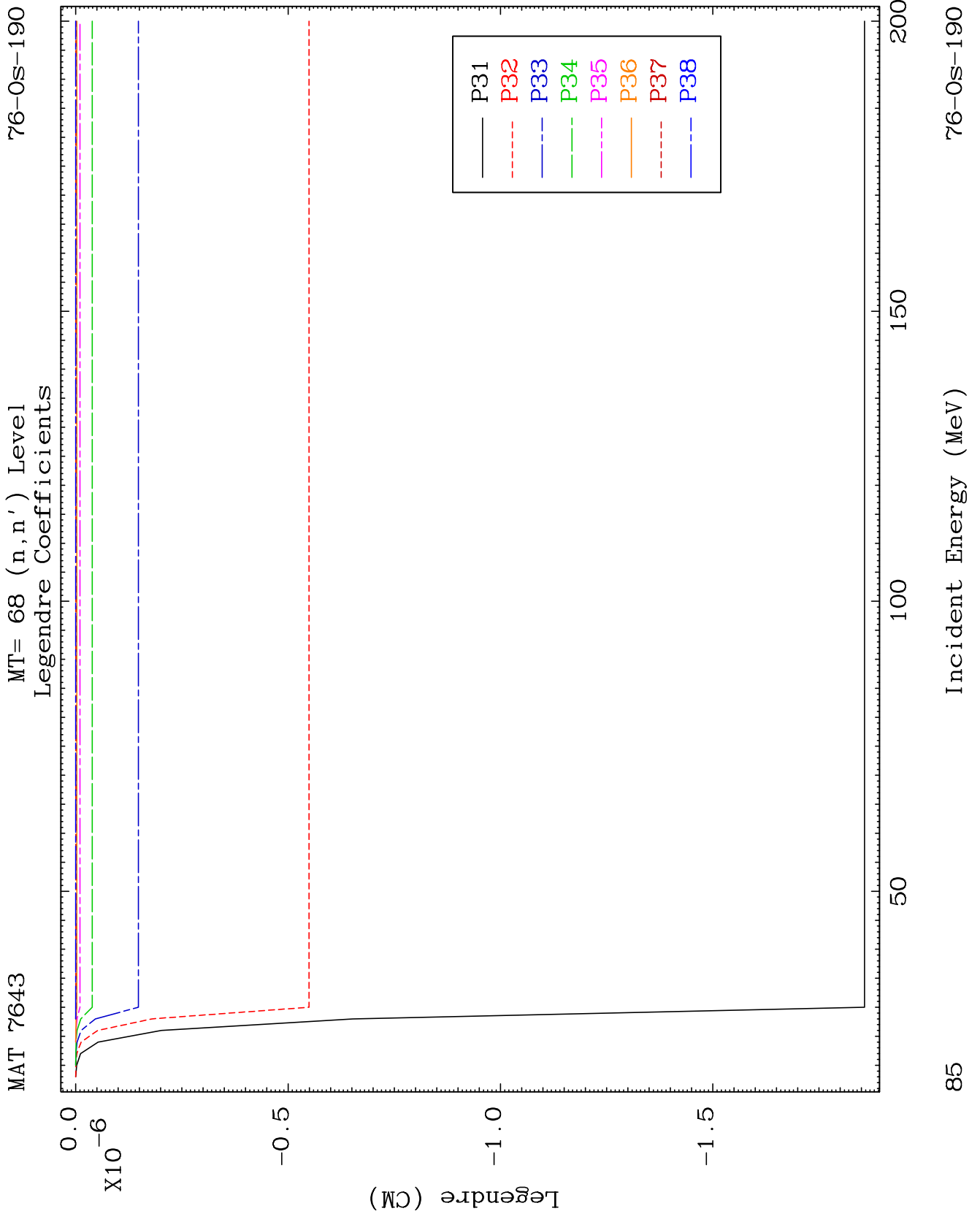


83

Incident Energy (MeV)

76-Os-190

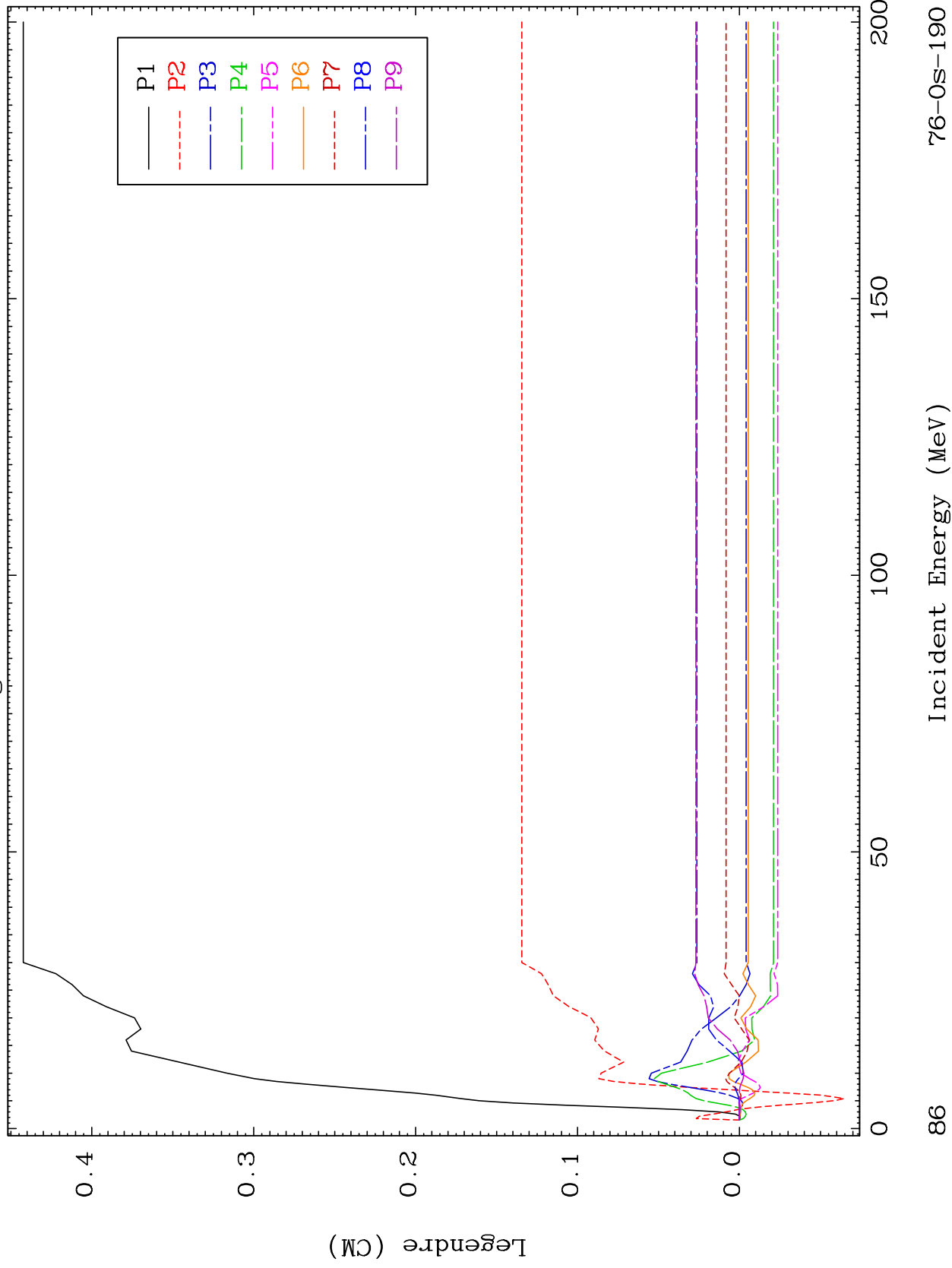




MAT 7643

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

76-Os-190



76-Os-190

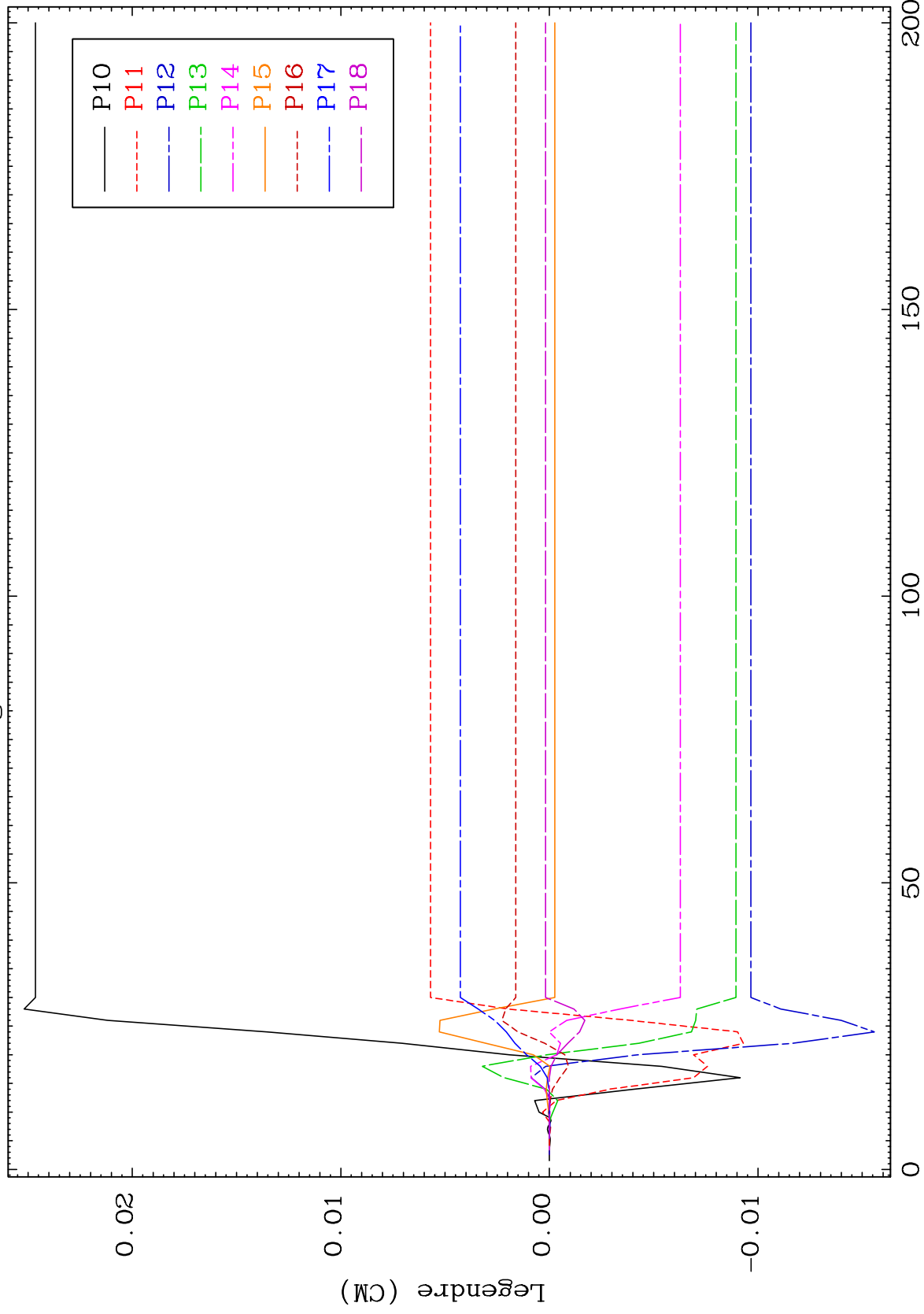
Incident Energy (MeV)

86

MAT 7643

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

76-Os-190



87

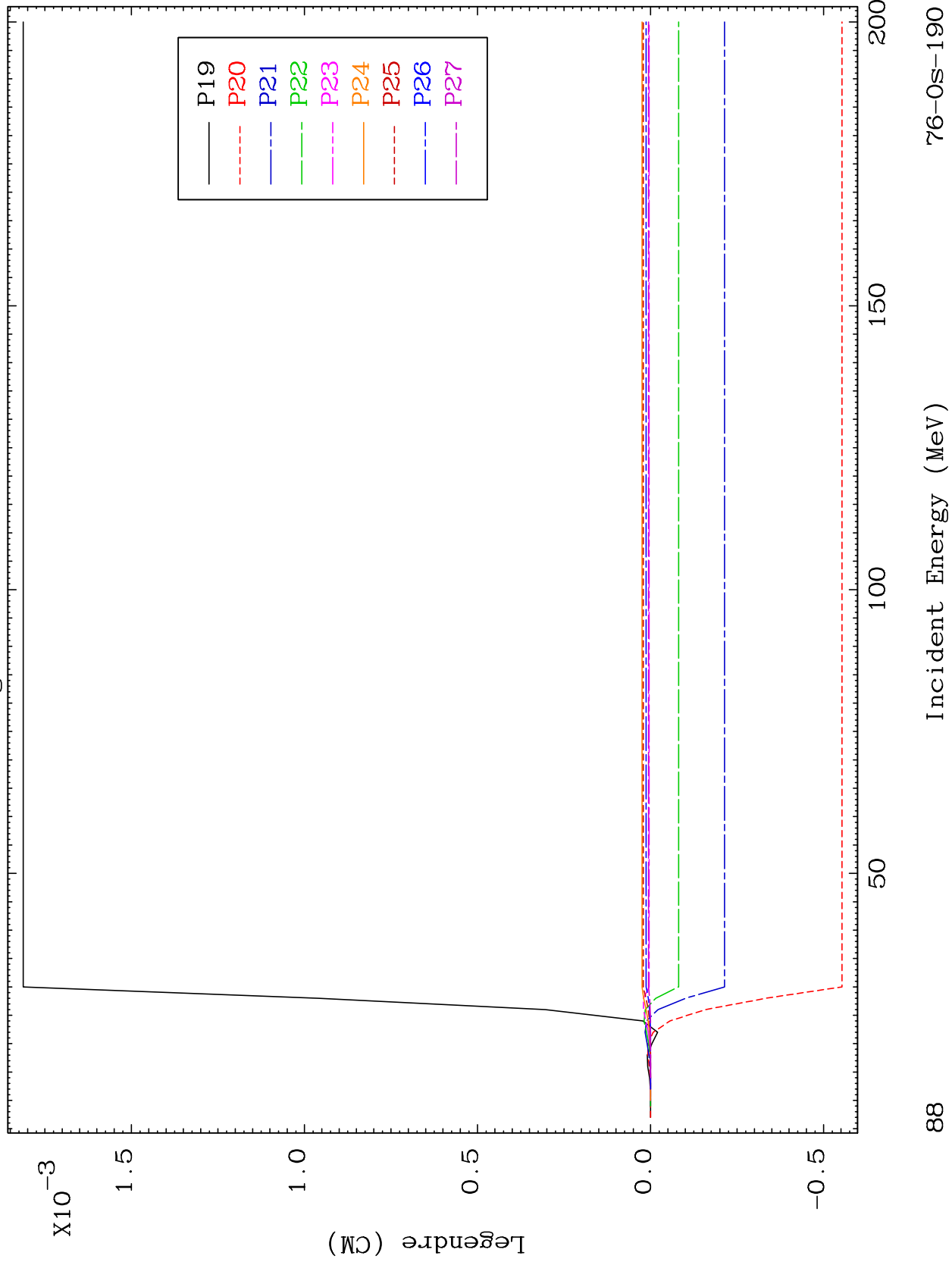
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



88

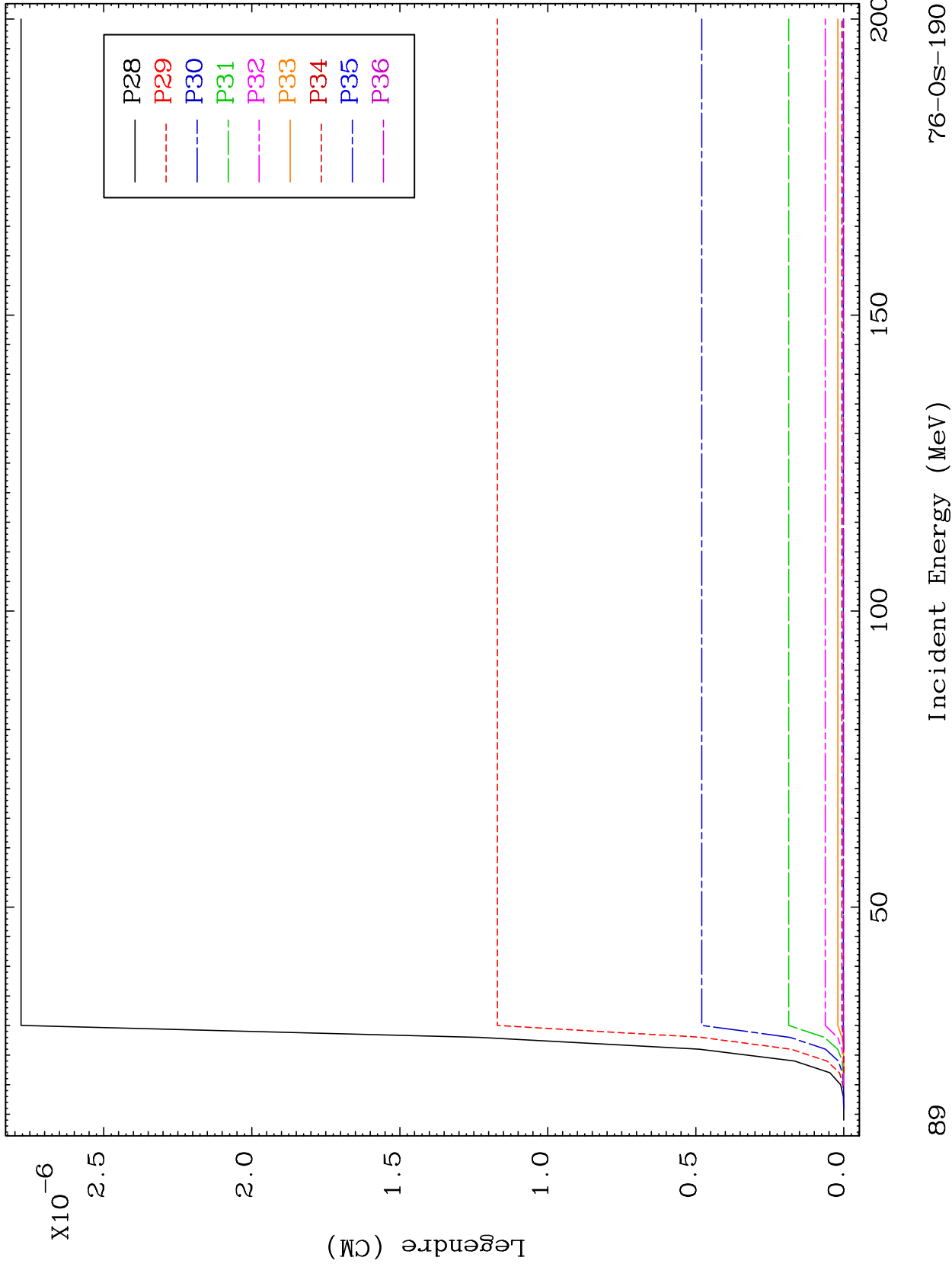
Incident Energy (MeV)

76-Os-190

MAT 7643

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

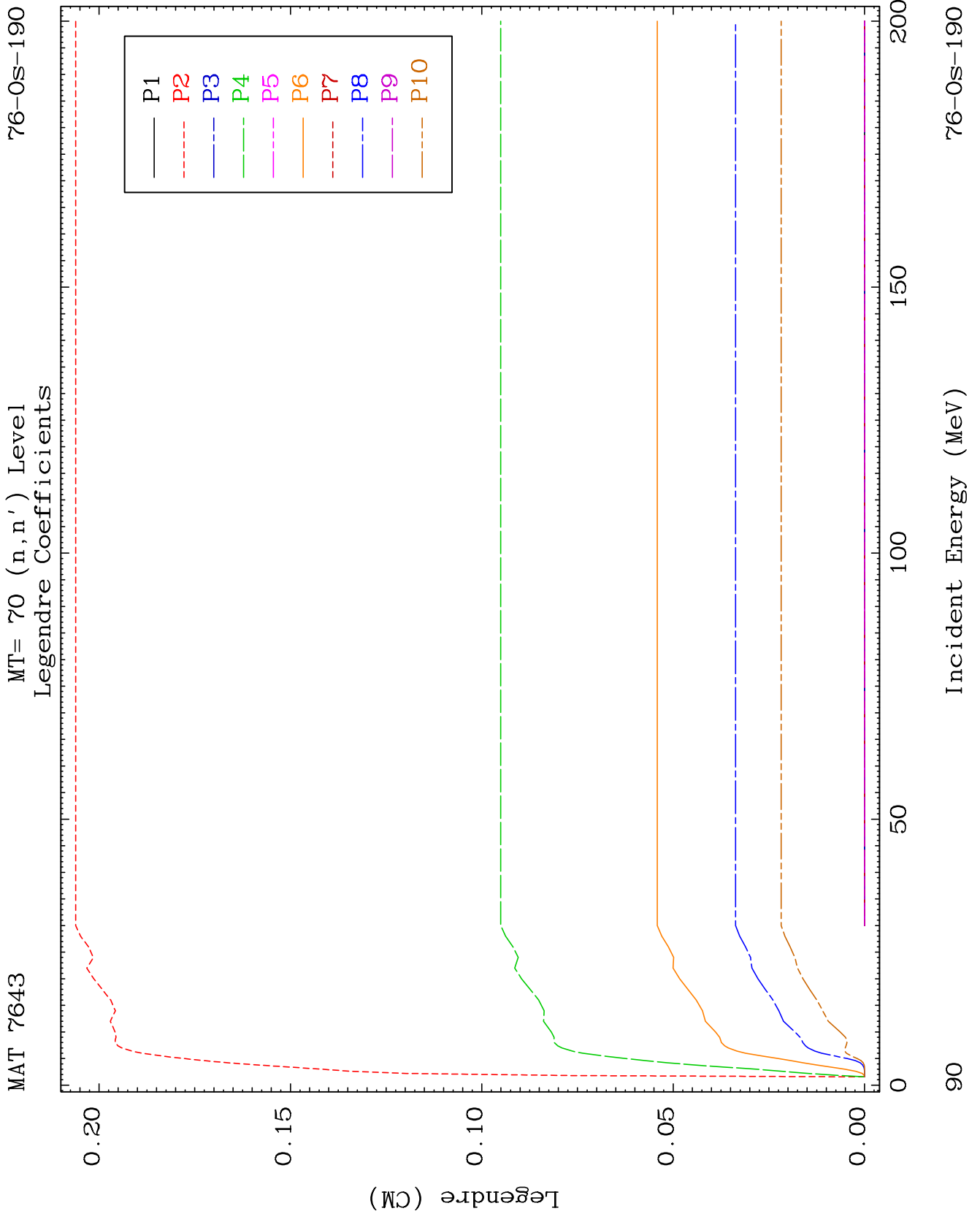
76-Os-190



89

Incident Energy (MeV)

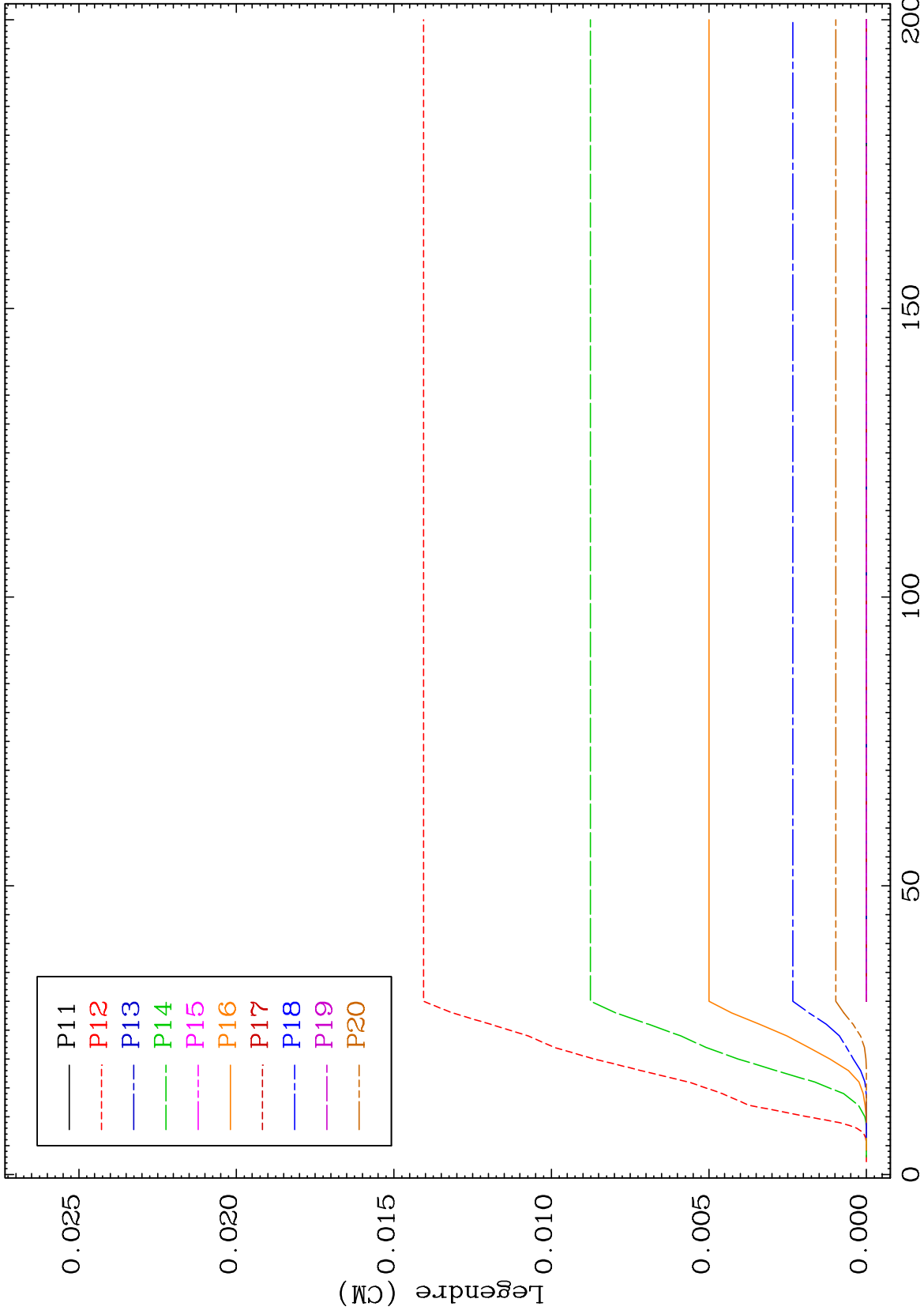
76-Os-190



MAT 7643

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

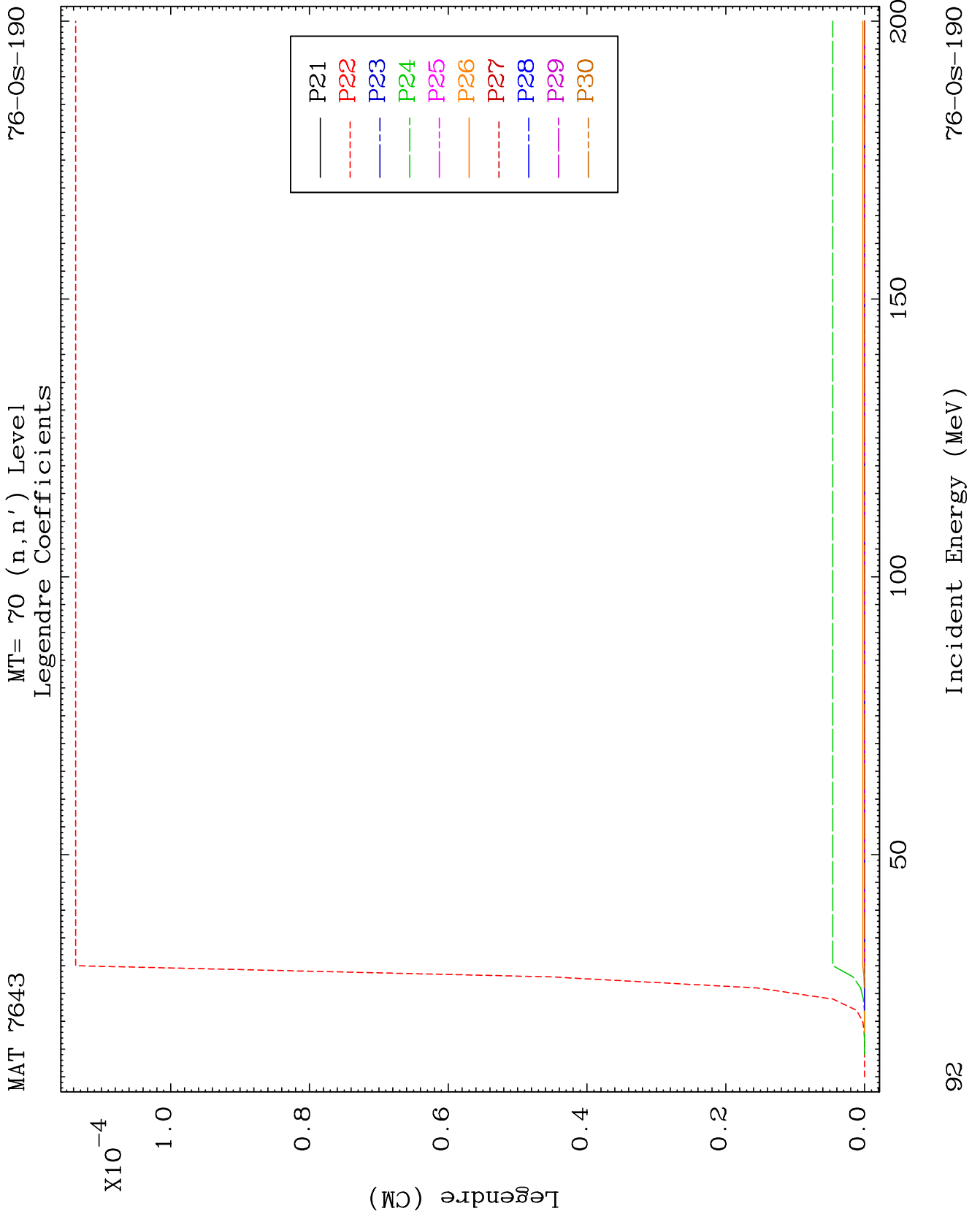
76-0s-190

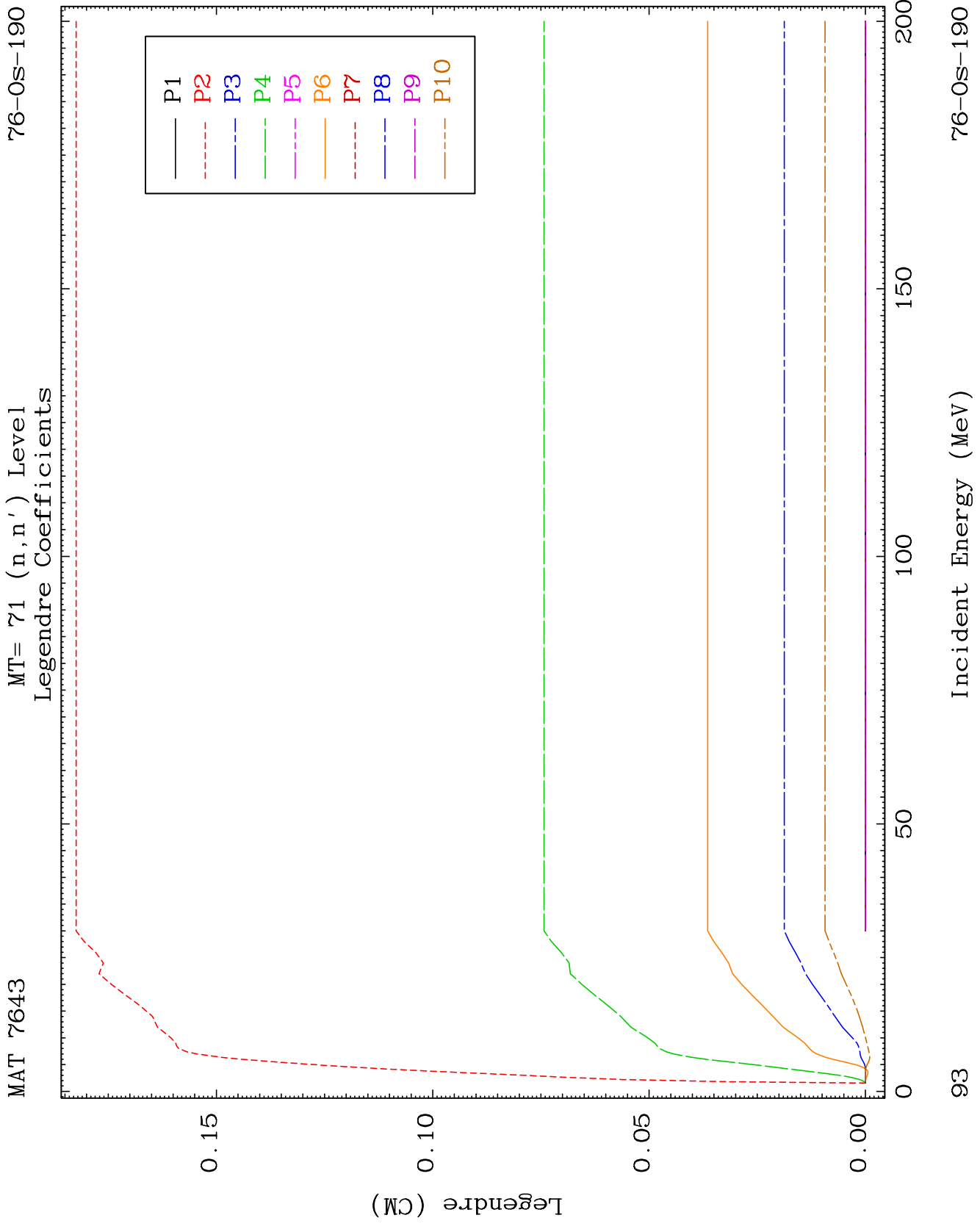


91

Incident Energy (MeV)

76-0s-190

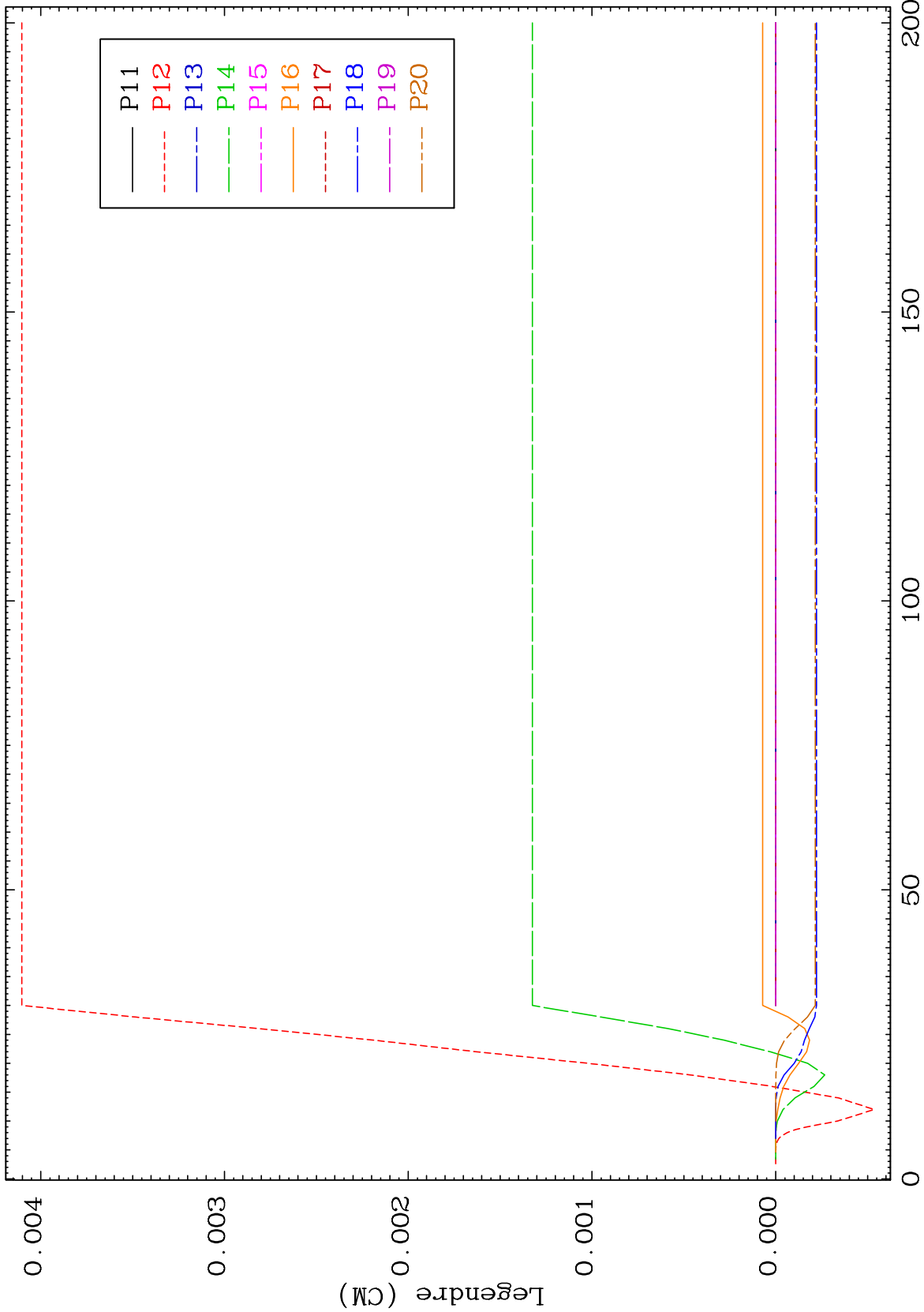




MAT 7643

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

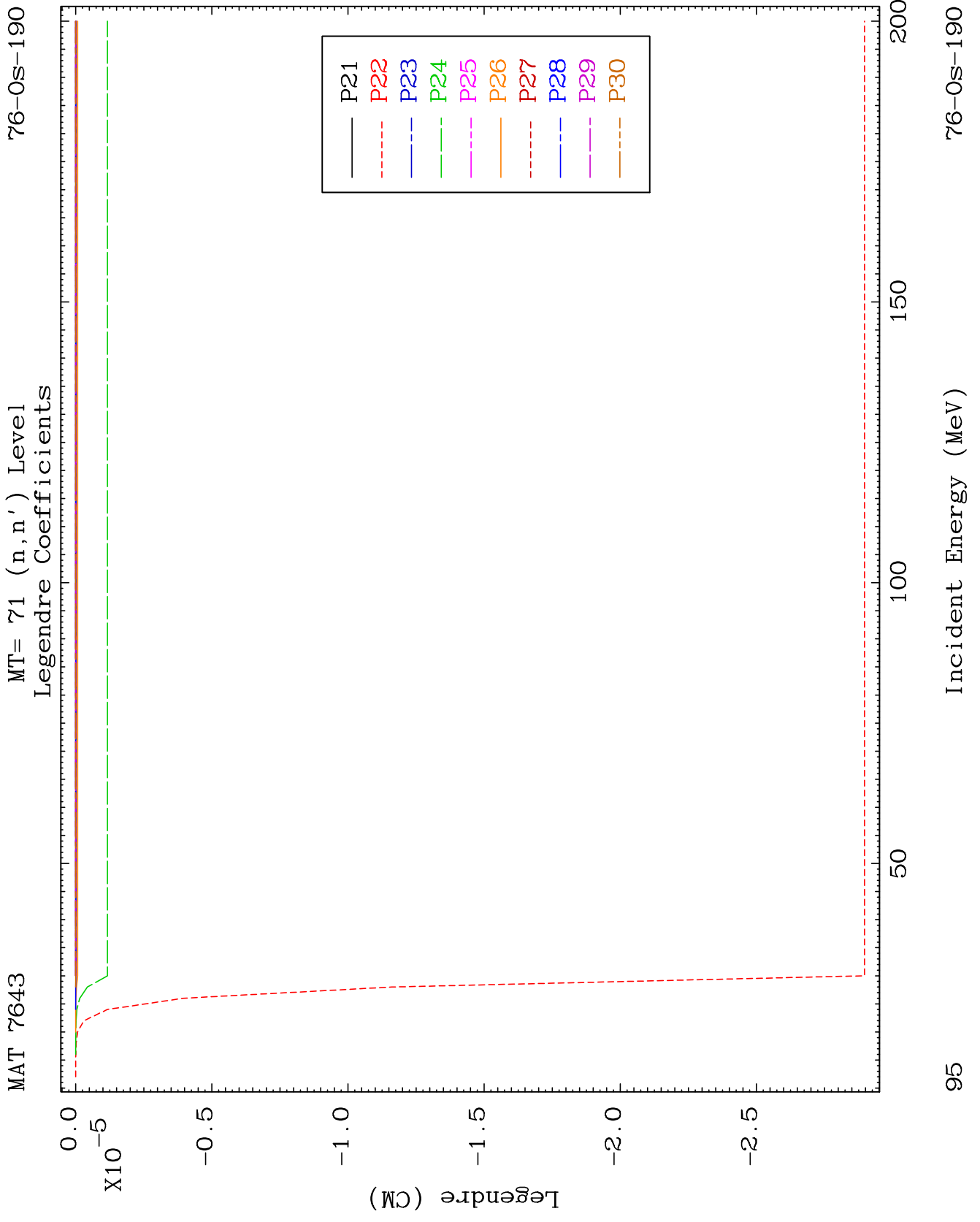
76-Os-190



94

Incident Energy (MeV)

76-Os-190

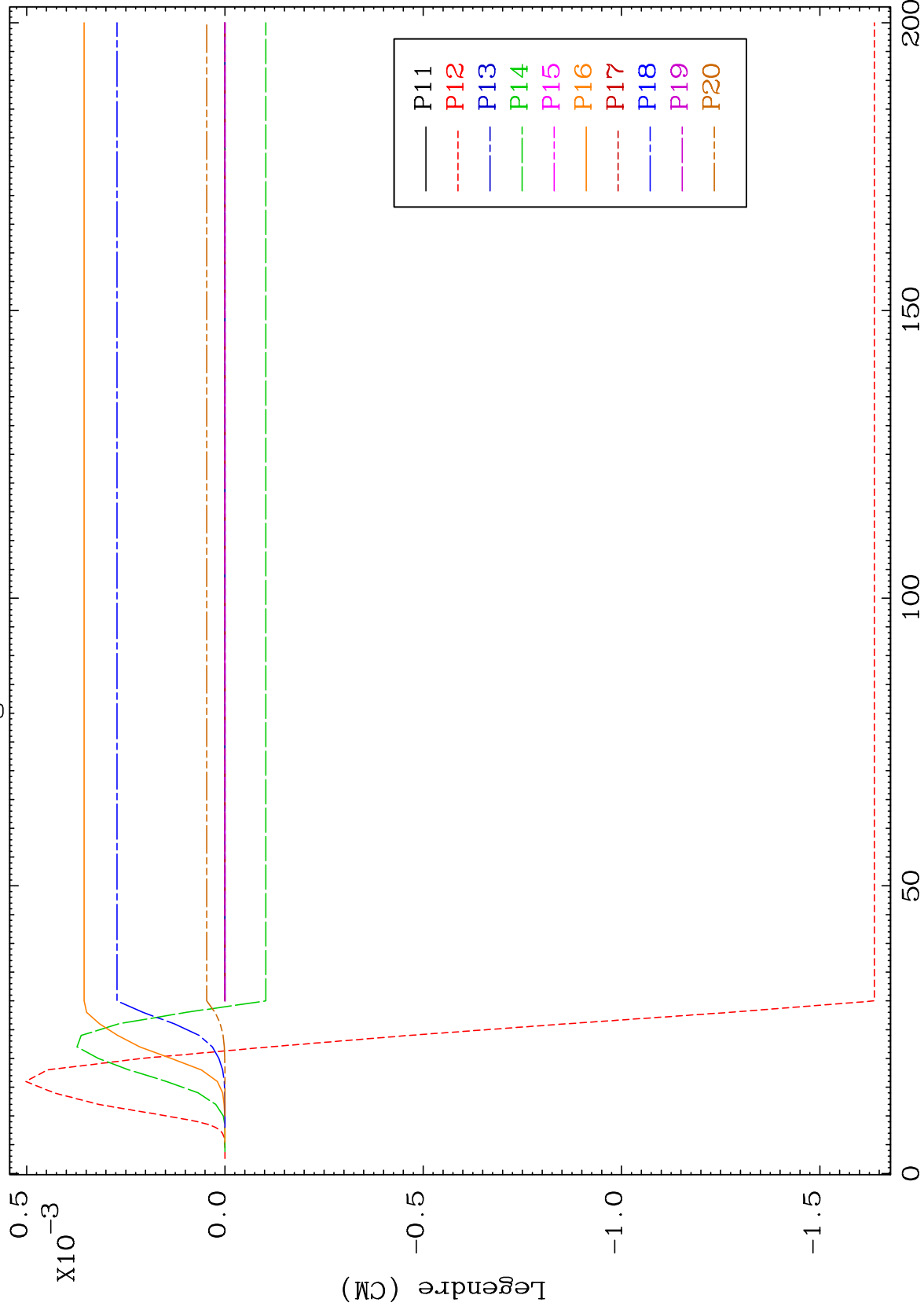




MAT 7643

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

76-Os-190

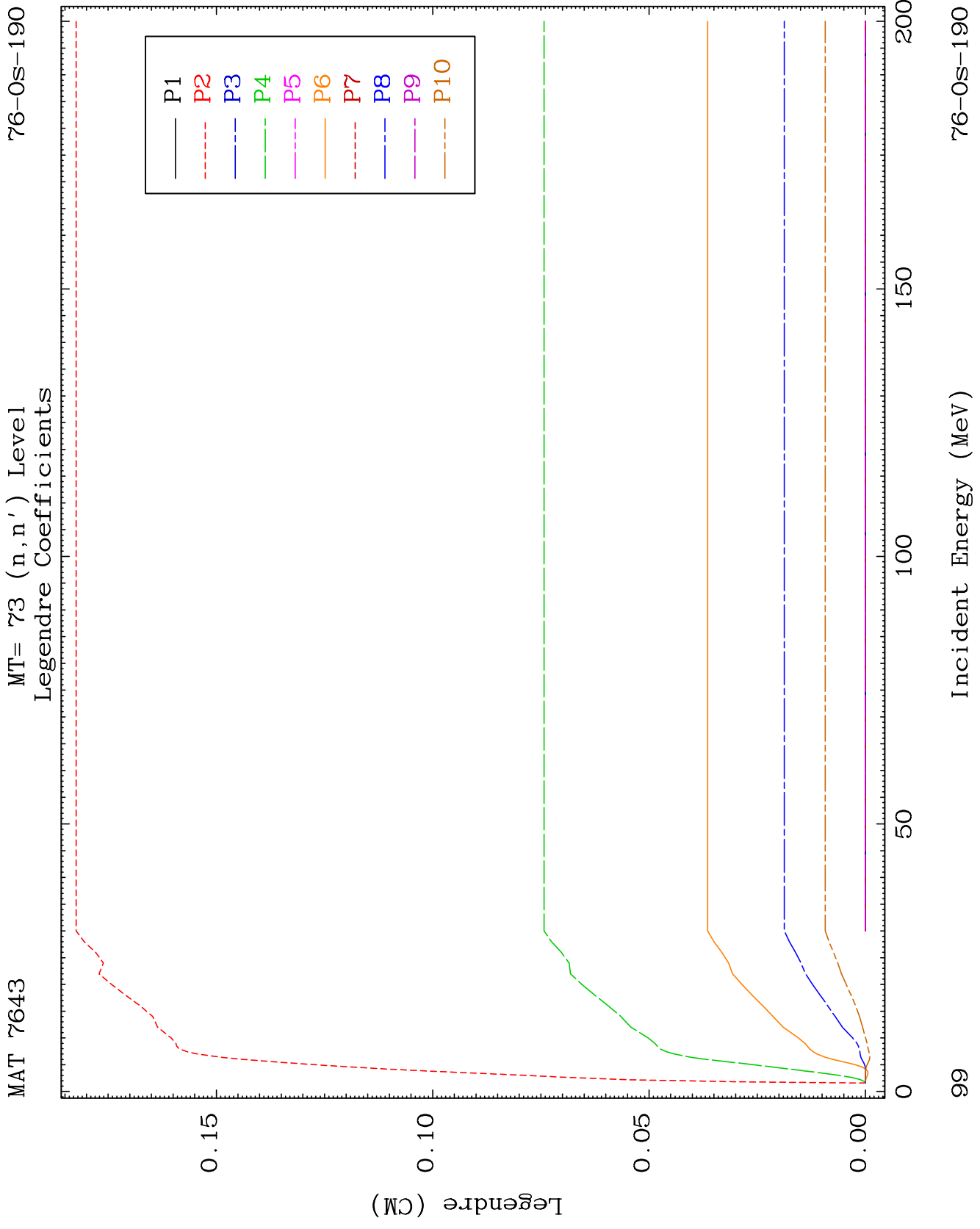


97

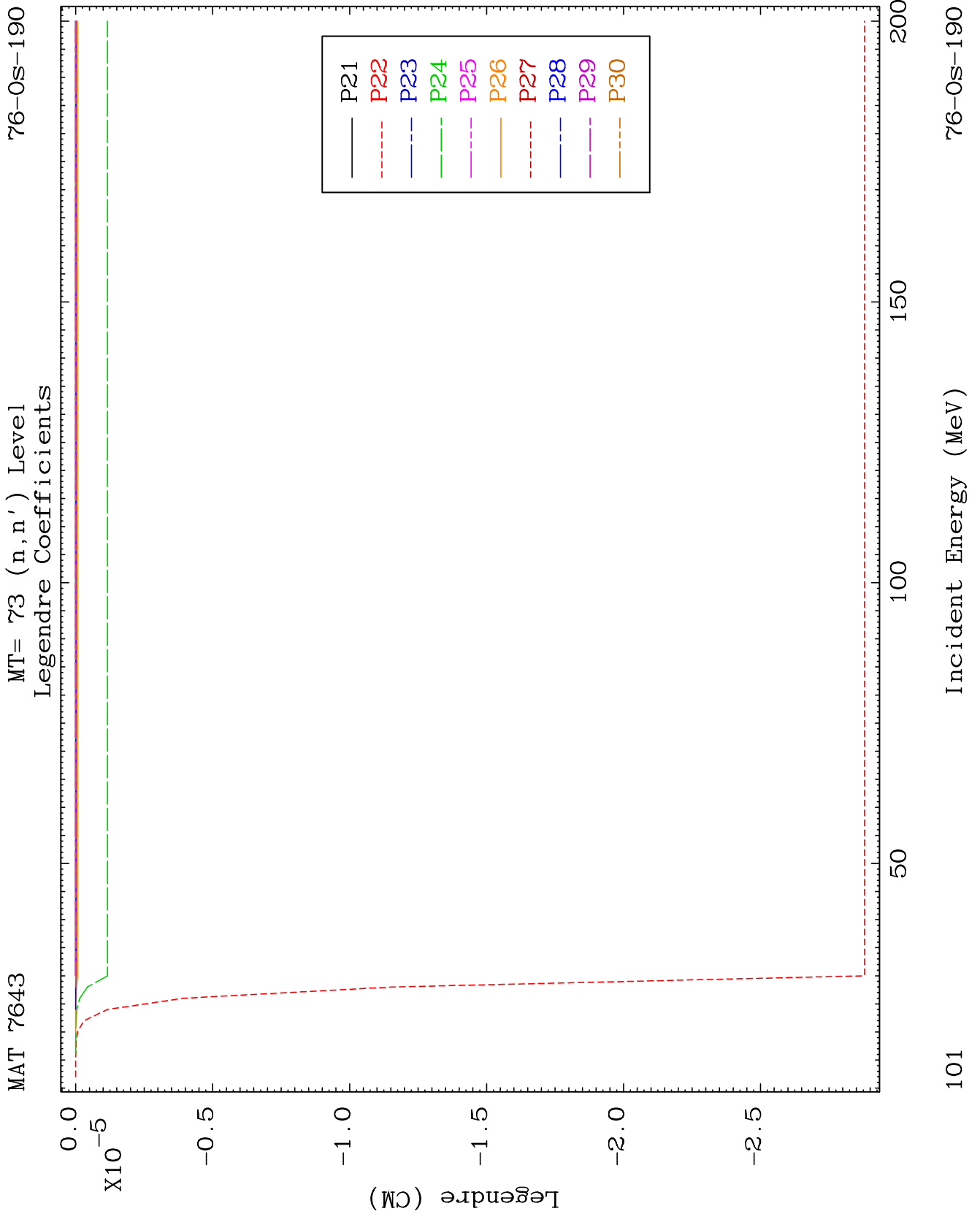
Incident Energy (MeV)

76-Os-190







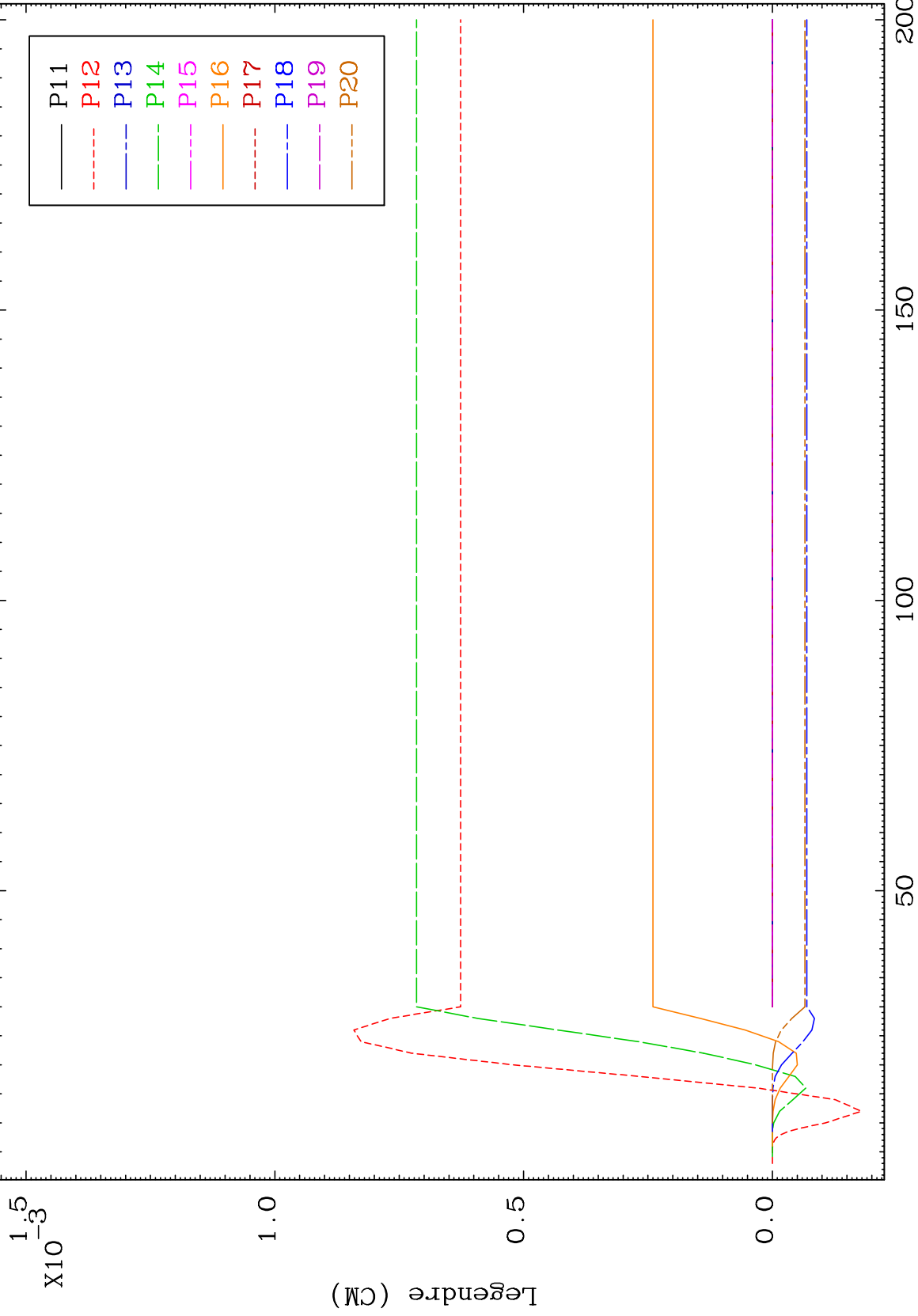




MAT 7643

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

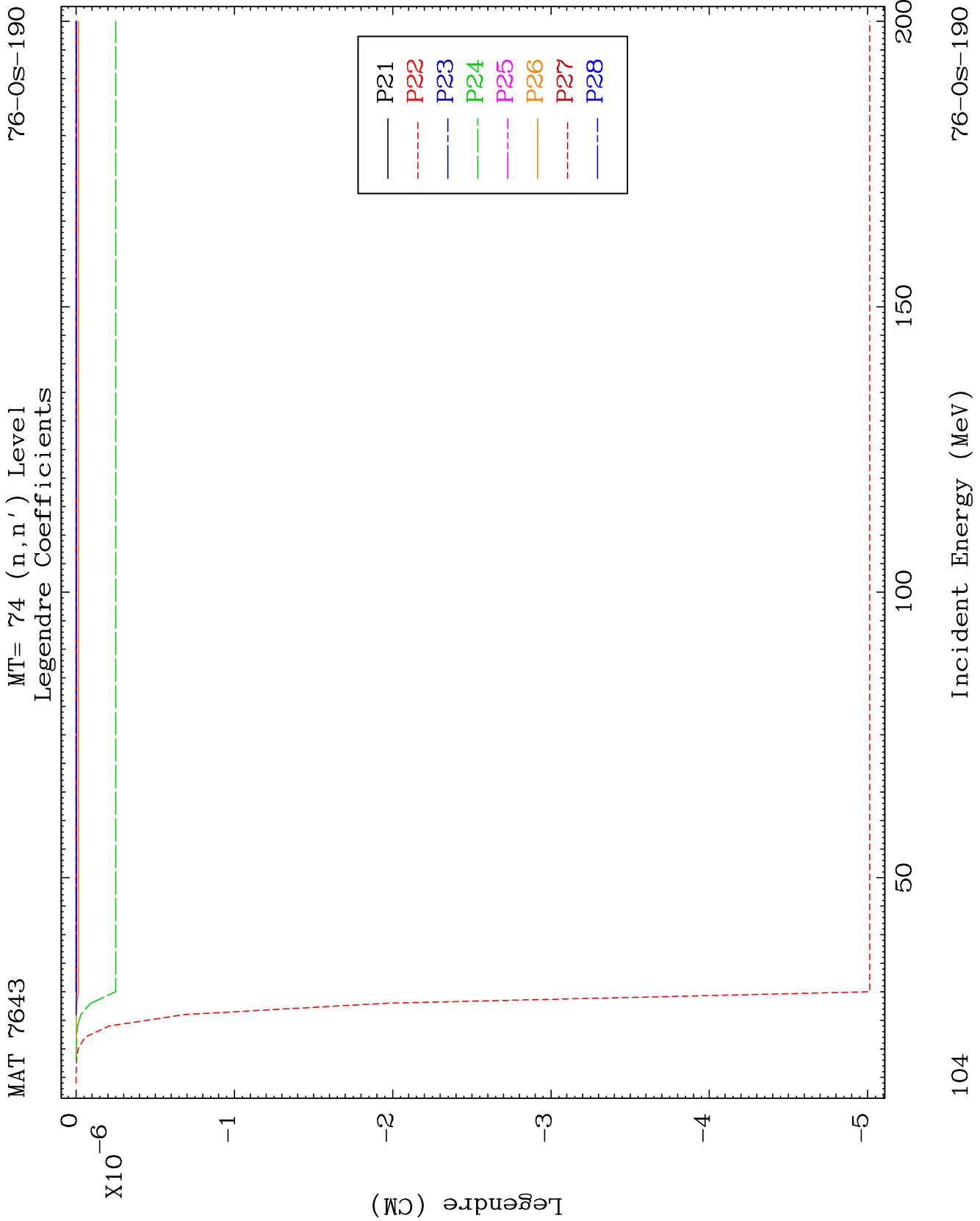
76-Os-190



103

Incident Energy (MeV)

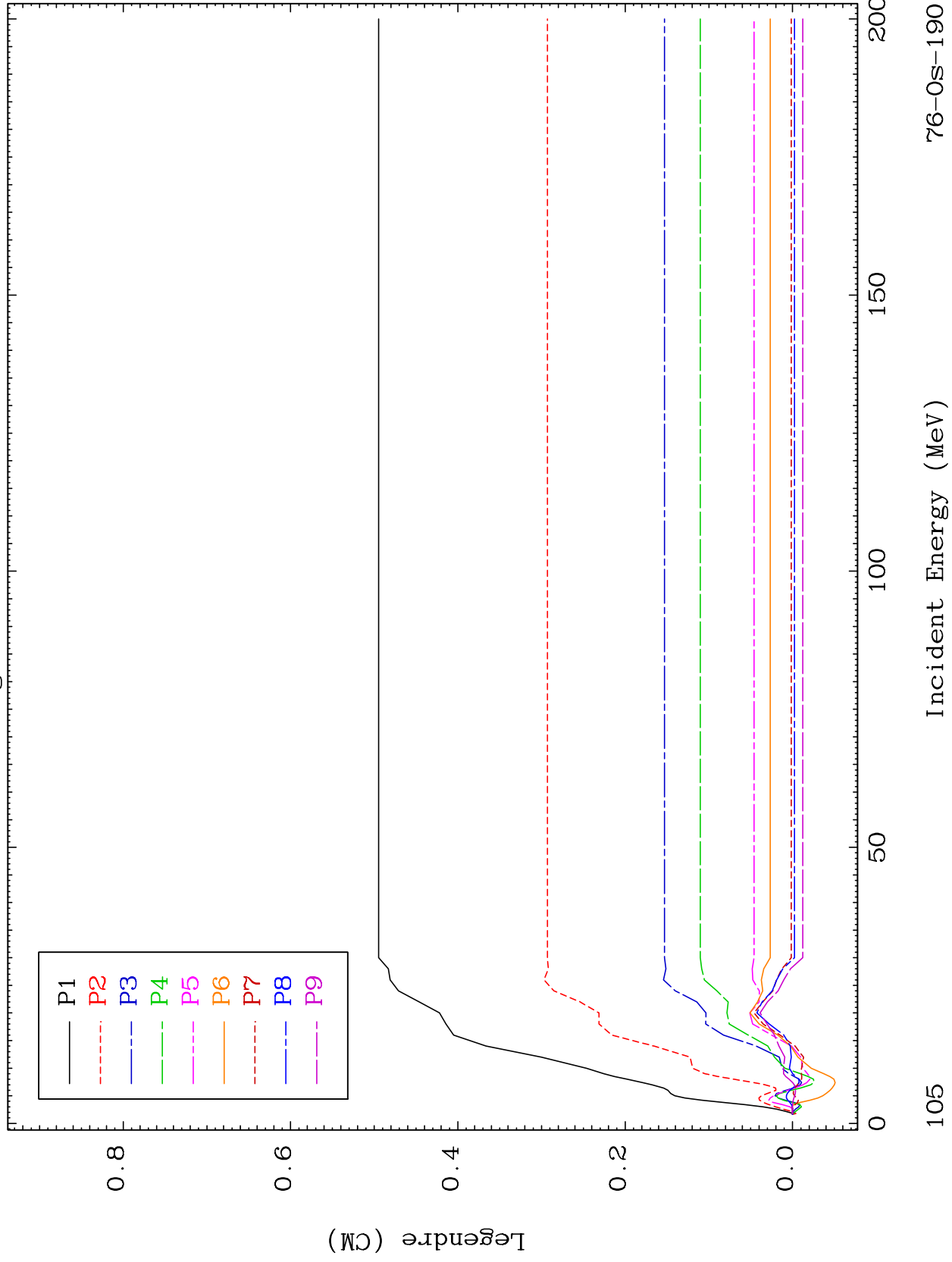
76-Os-190

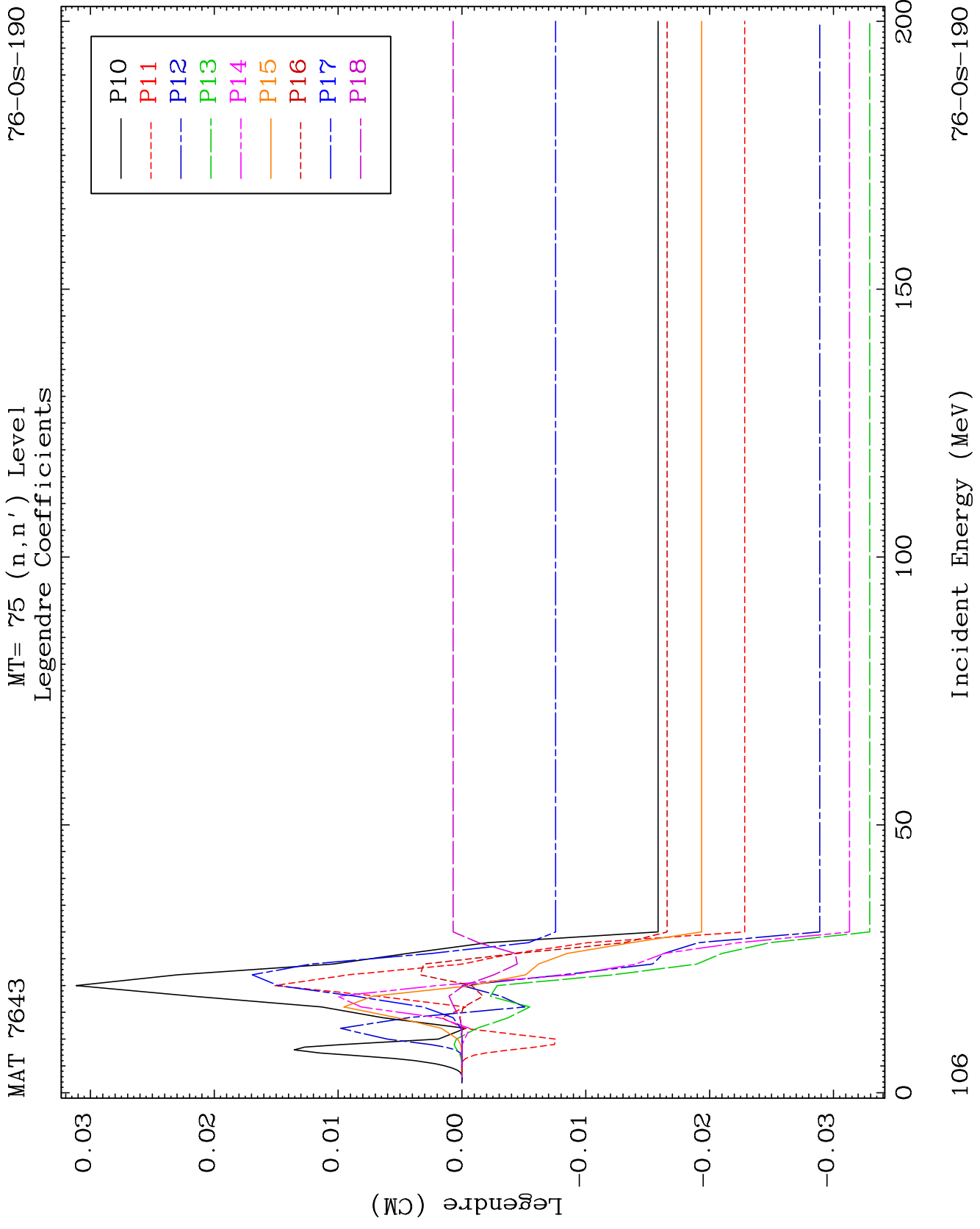


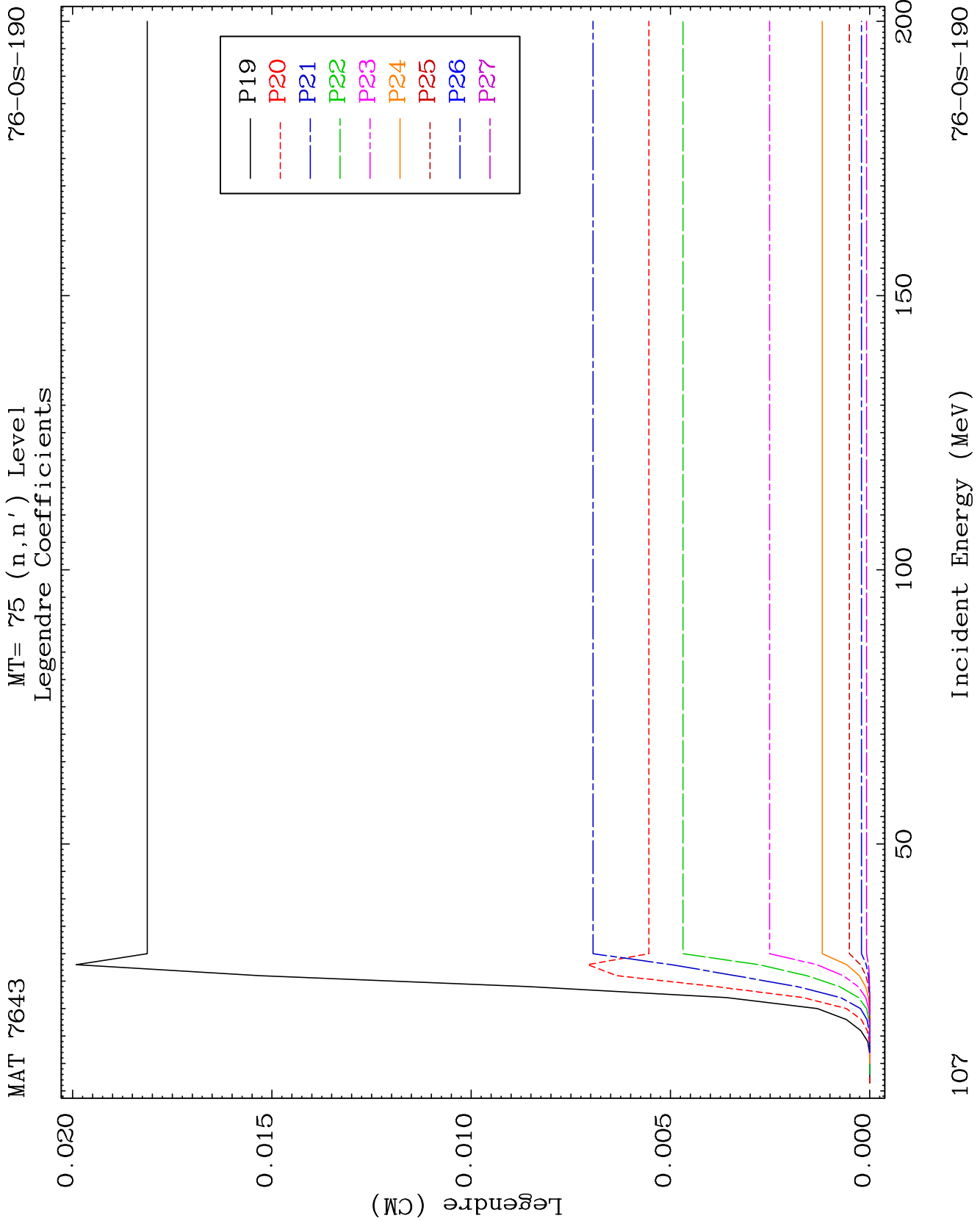
MAT 7643

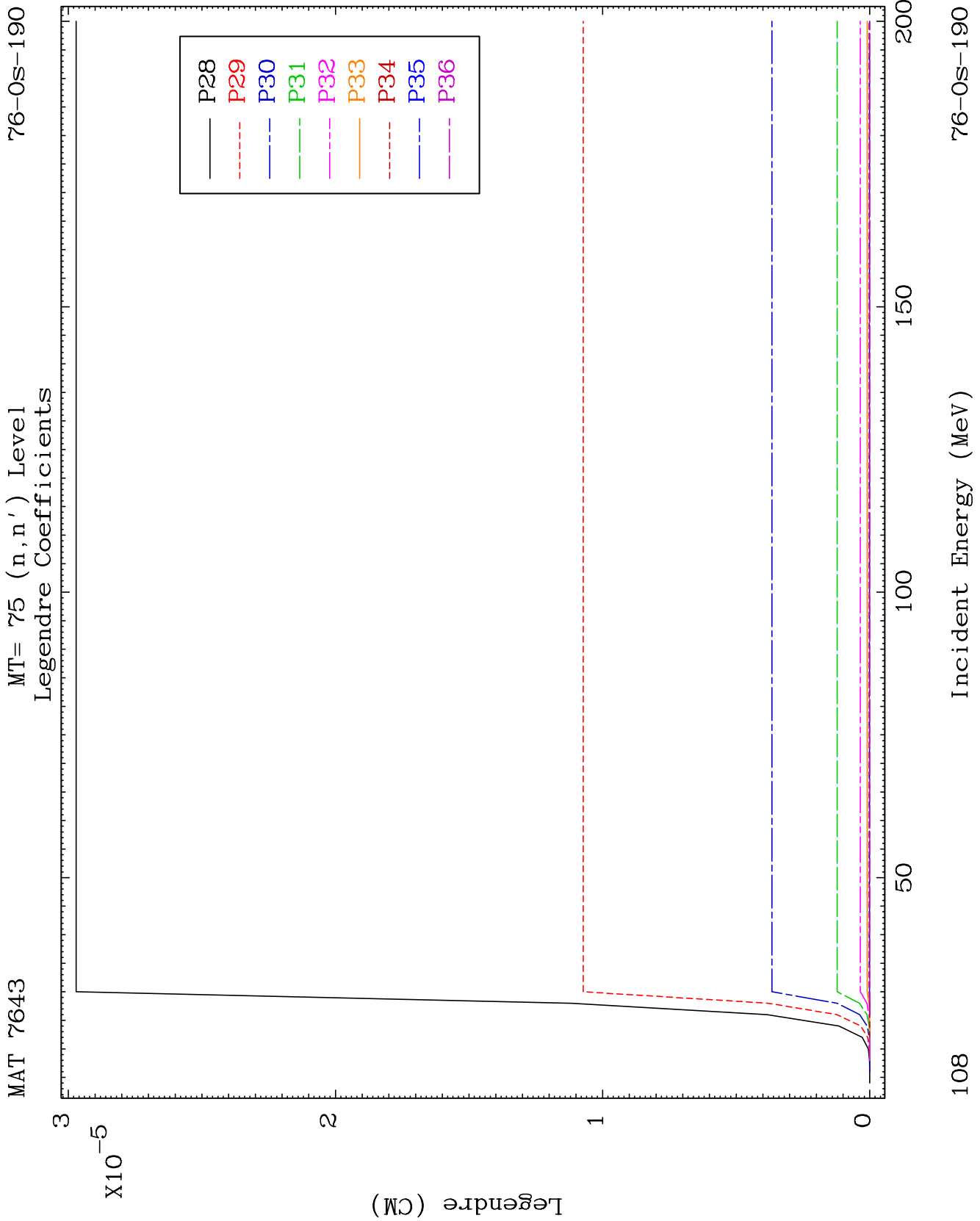
MT= 75 (n,n') Level  
Legendre Coefficients

76-Os-190





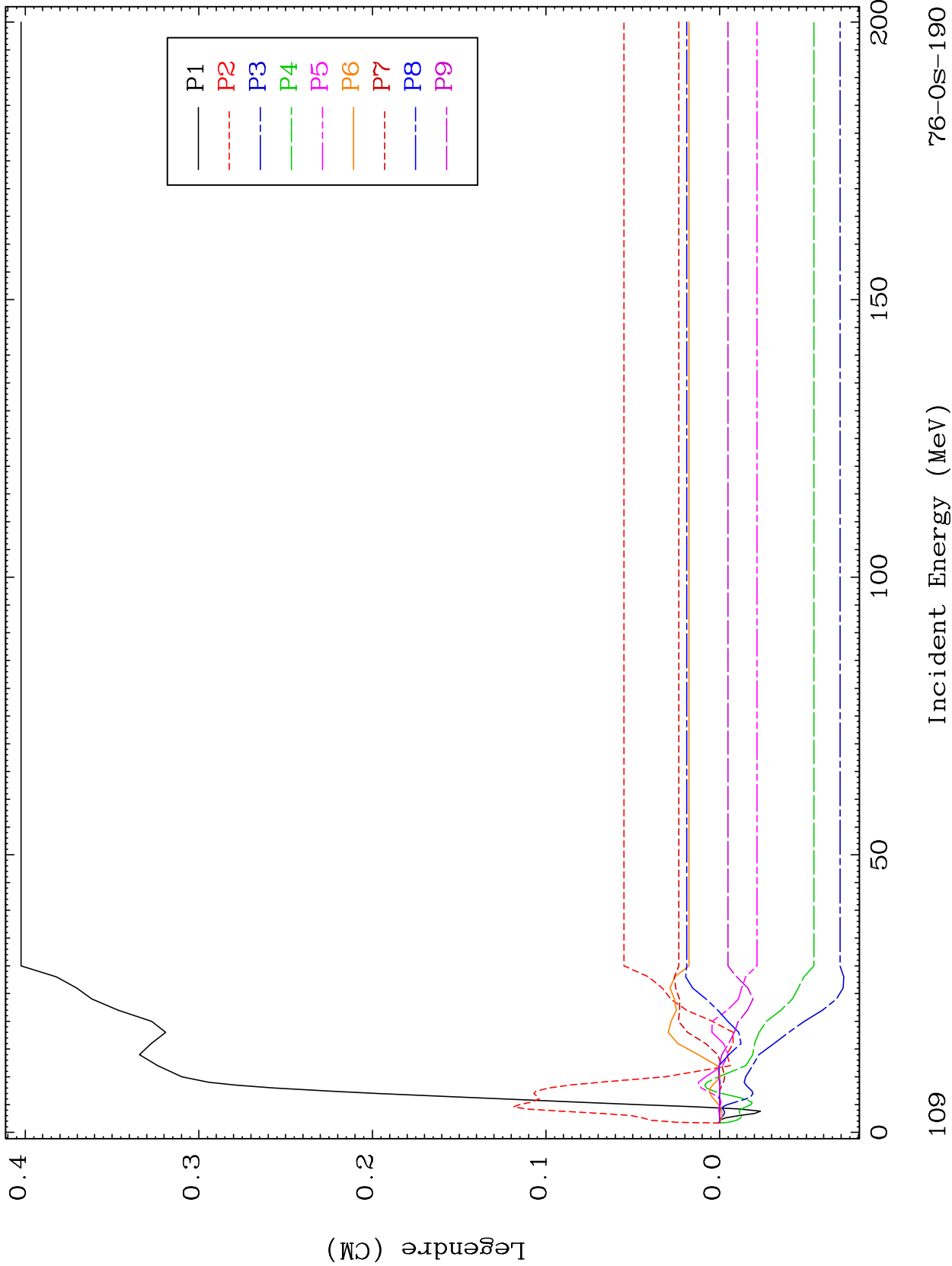




MAT 7643

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

76-Os-190



76-Os-190

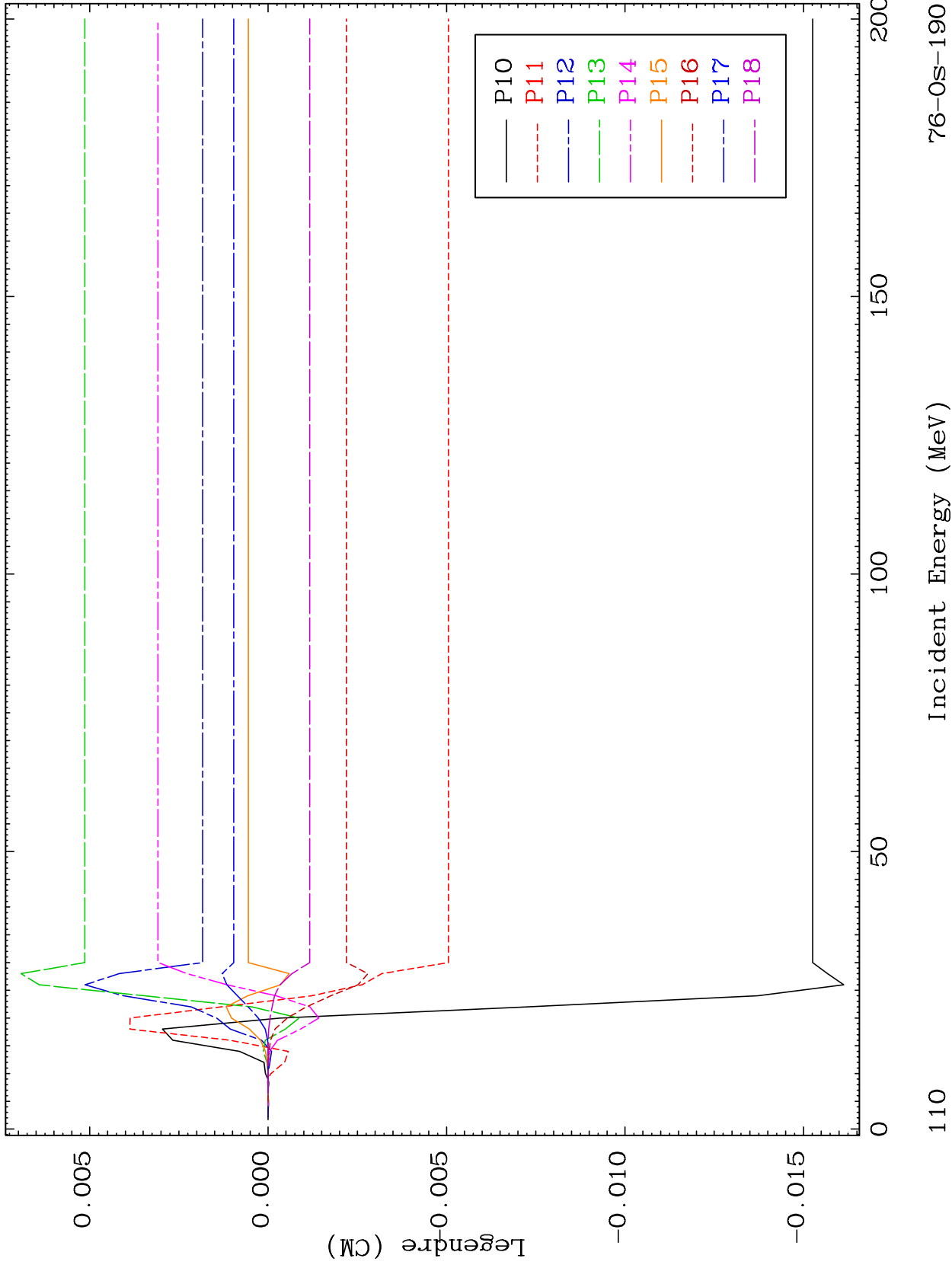
Incident Energy (MeV)

109

MAT 7643

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

76-Os-190



76-Os-190

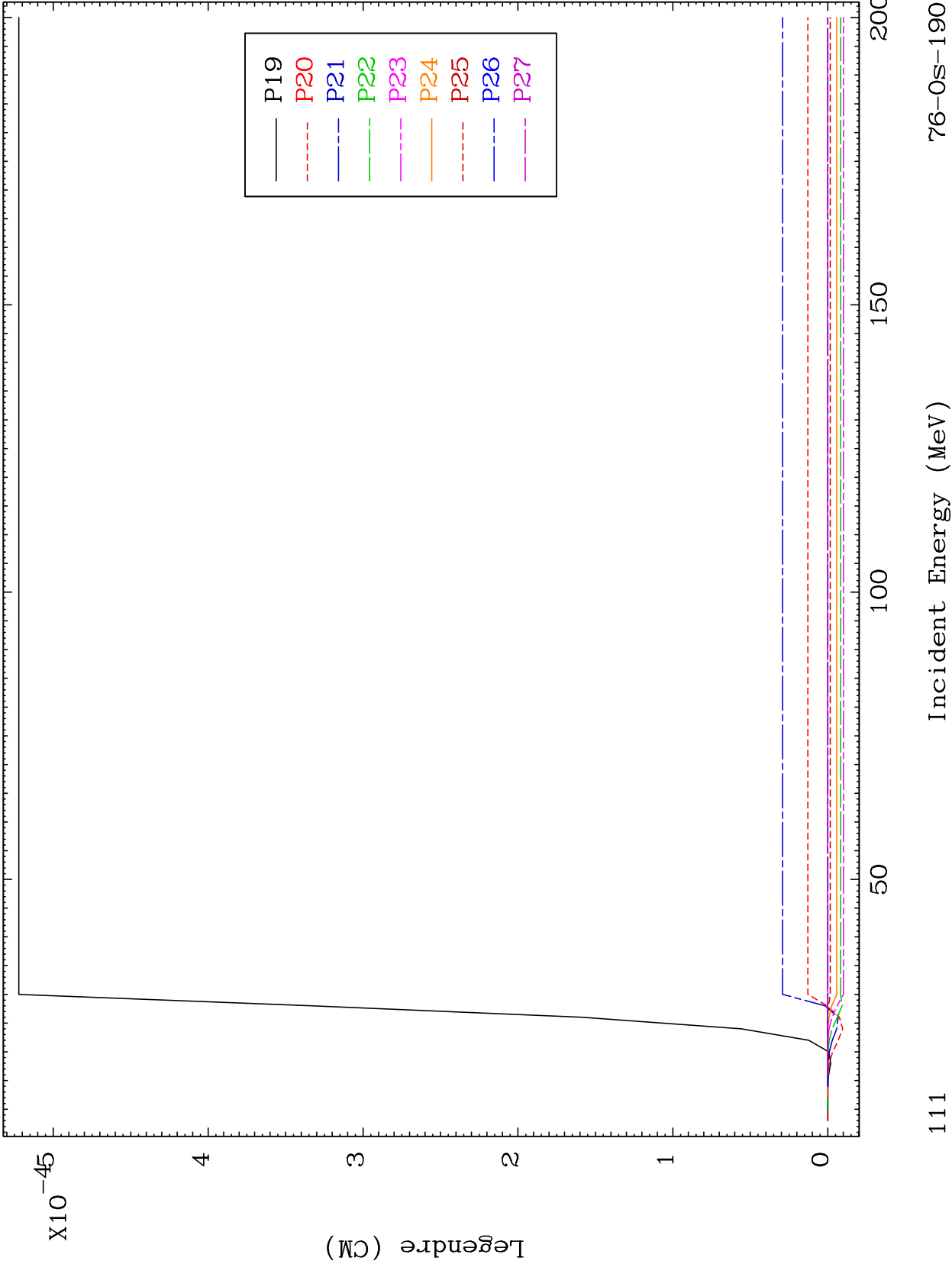
Incident Energy (MeV)

110

MAT 7643

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

76-Os-190



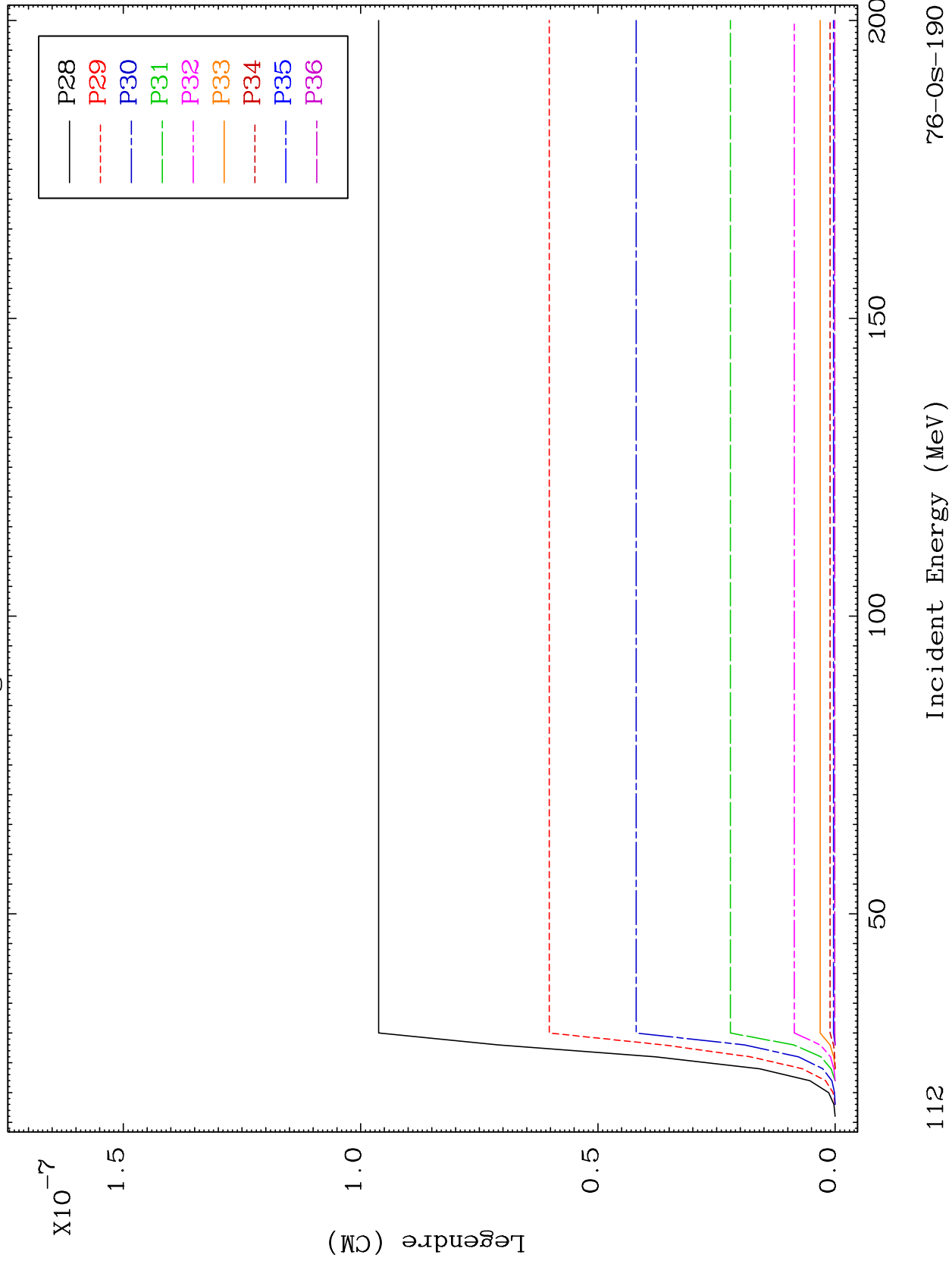
111

76-Os-190

MAT 7643

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

76-Os-190



112

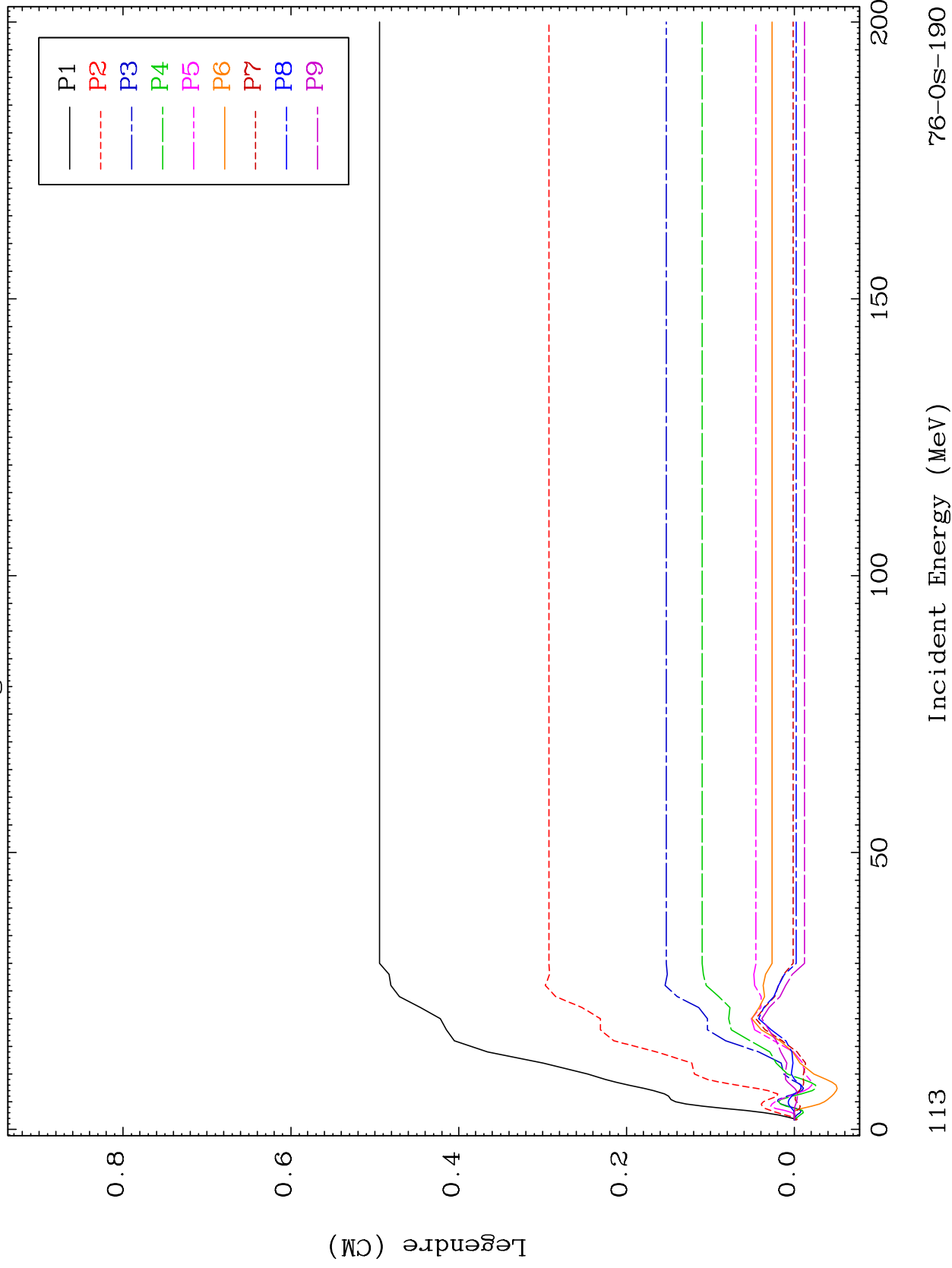
Incident Energy (MeV)

76-Os-190

MAT 7643

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

76-Os-190



76-Os-190

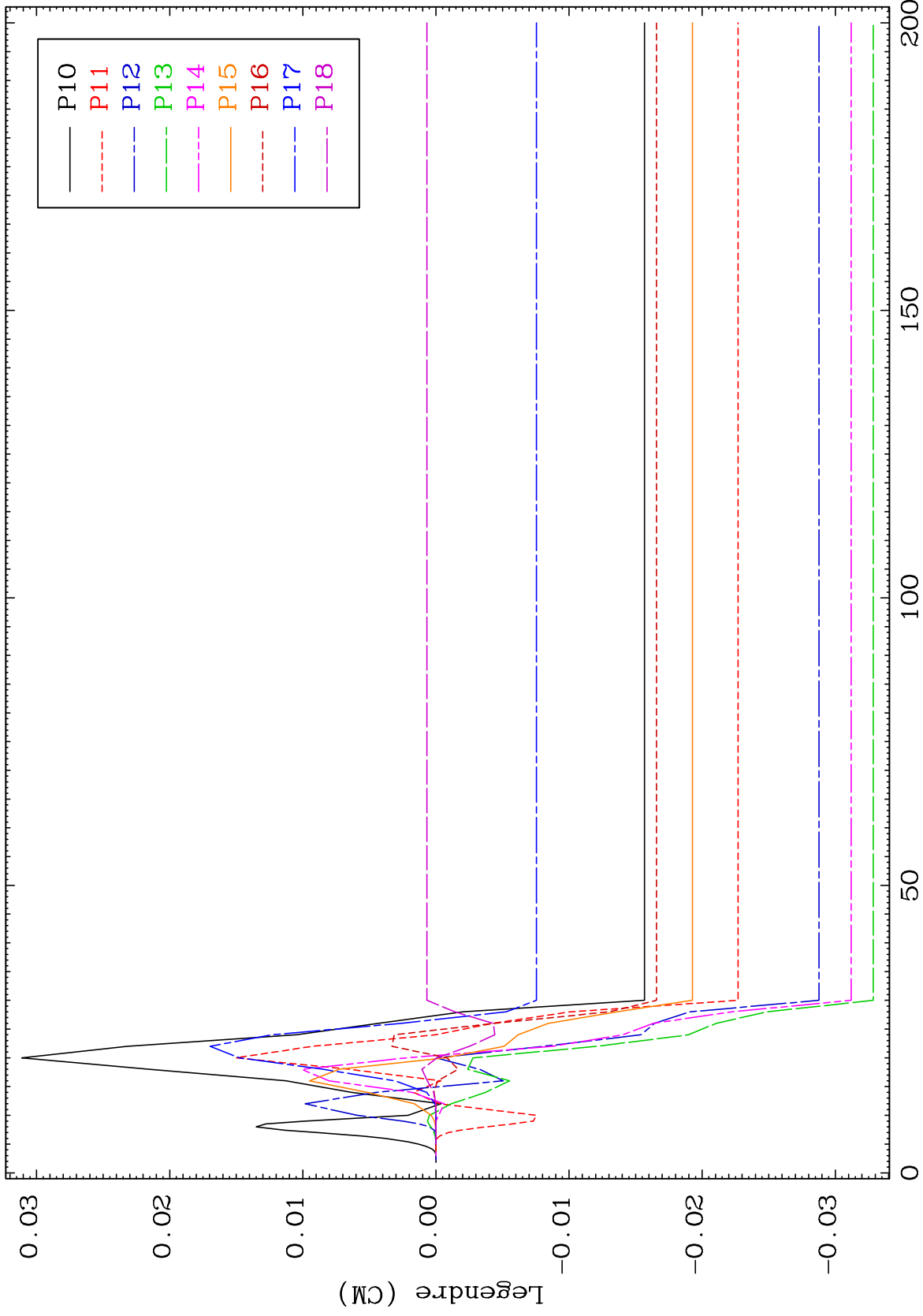
Incident Energy (MeV)

113

MAT 7643

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

76-Os-190



114

Incident Energy (MeV)

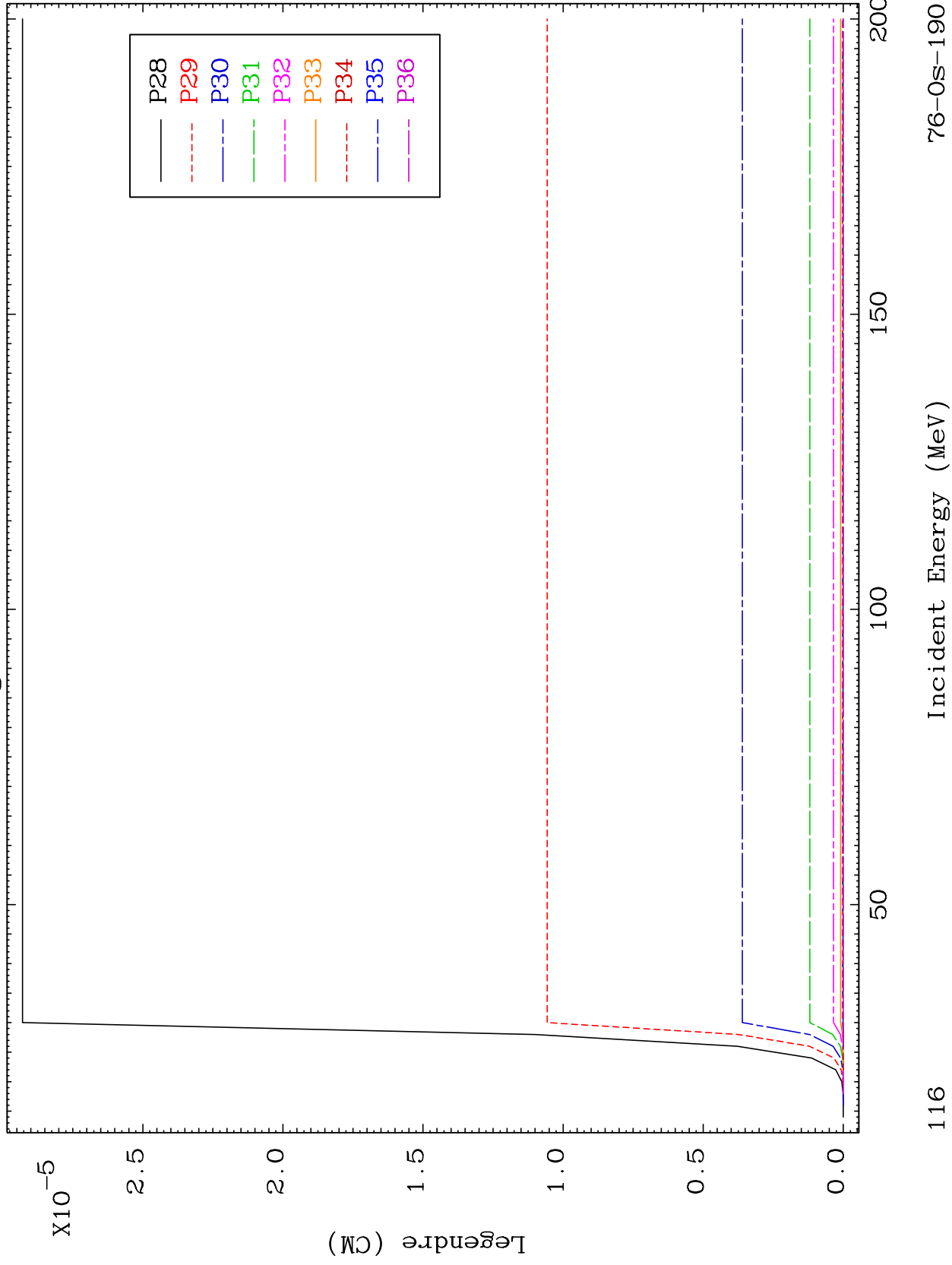
76-Os-190

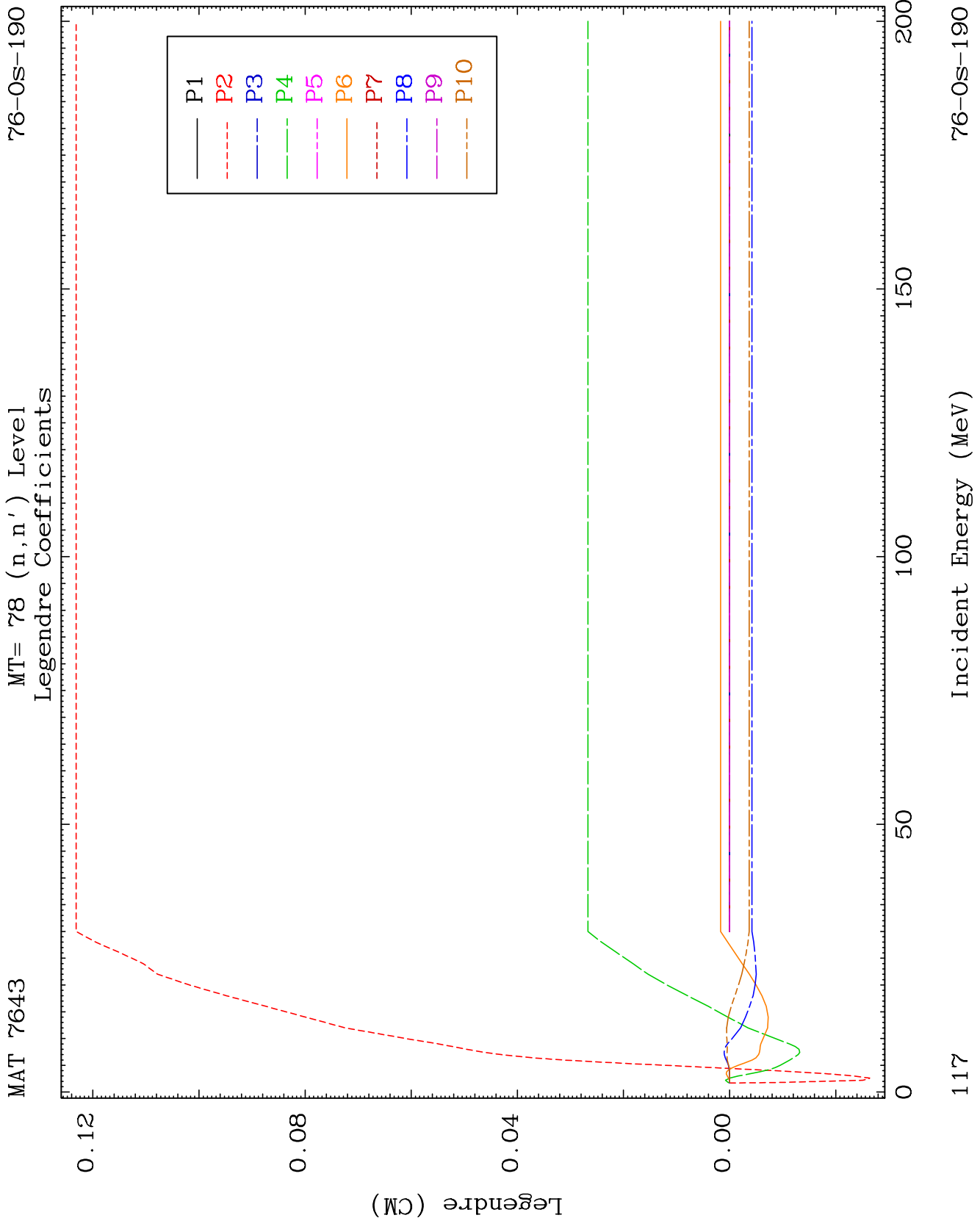


MAT 7643

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

76-Os-190



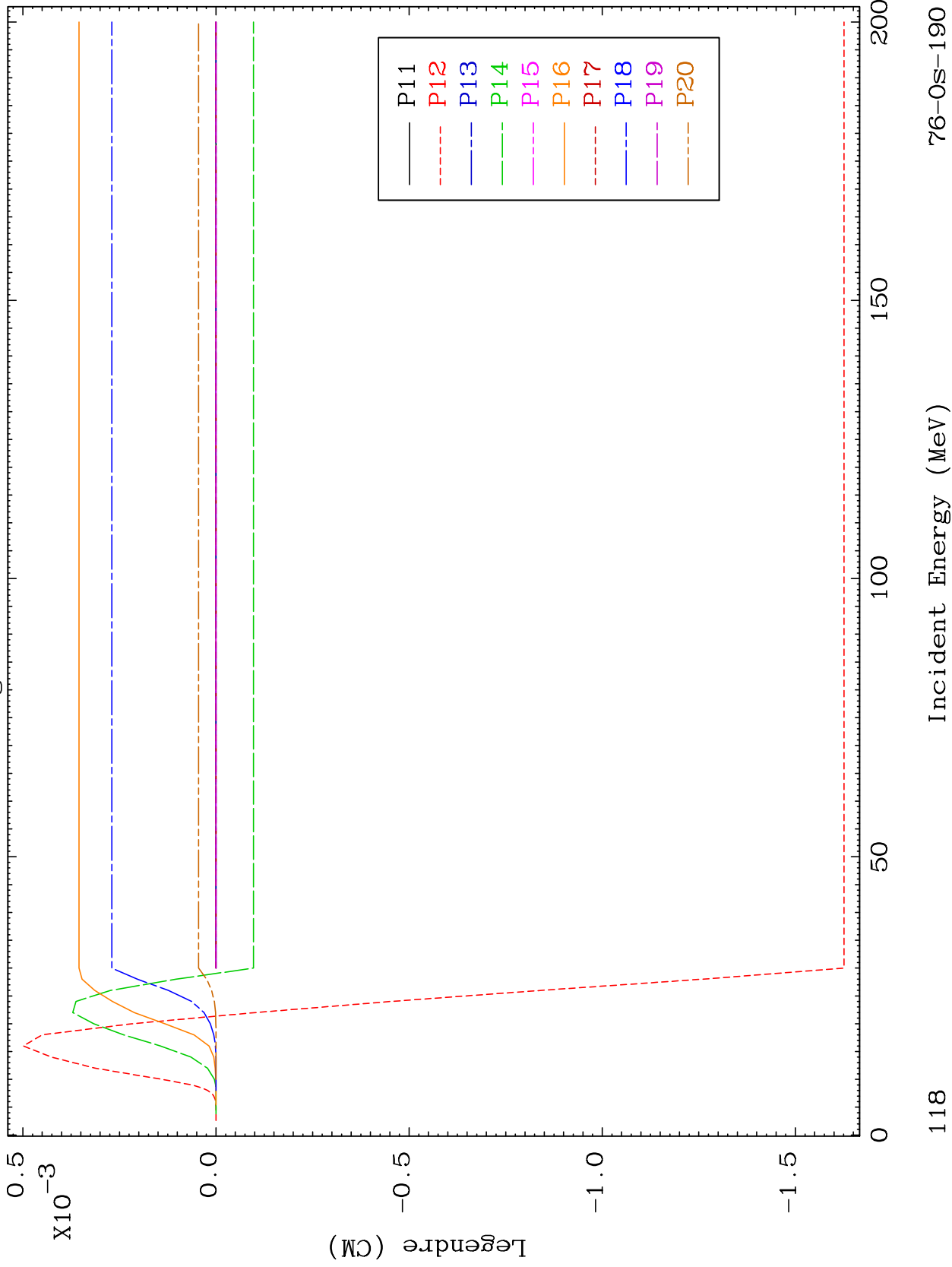


MAT 7643

MT= 78 (n,n') Level

76-Os-190

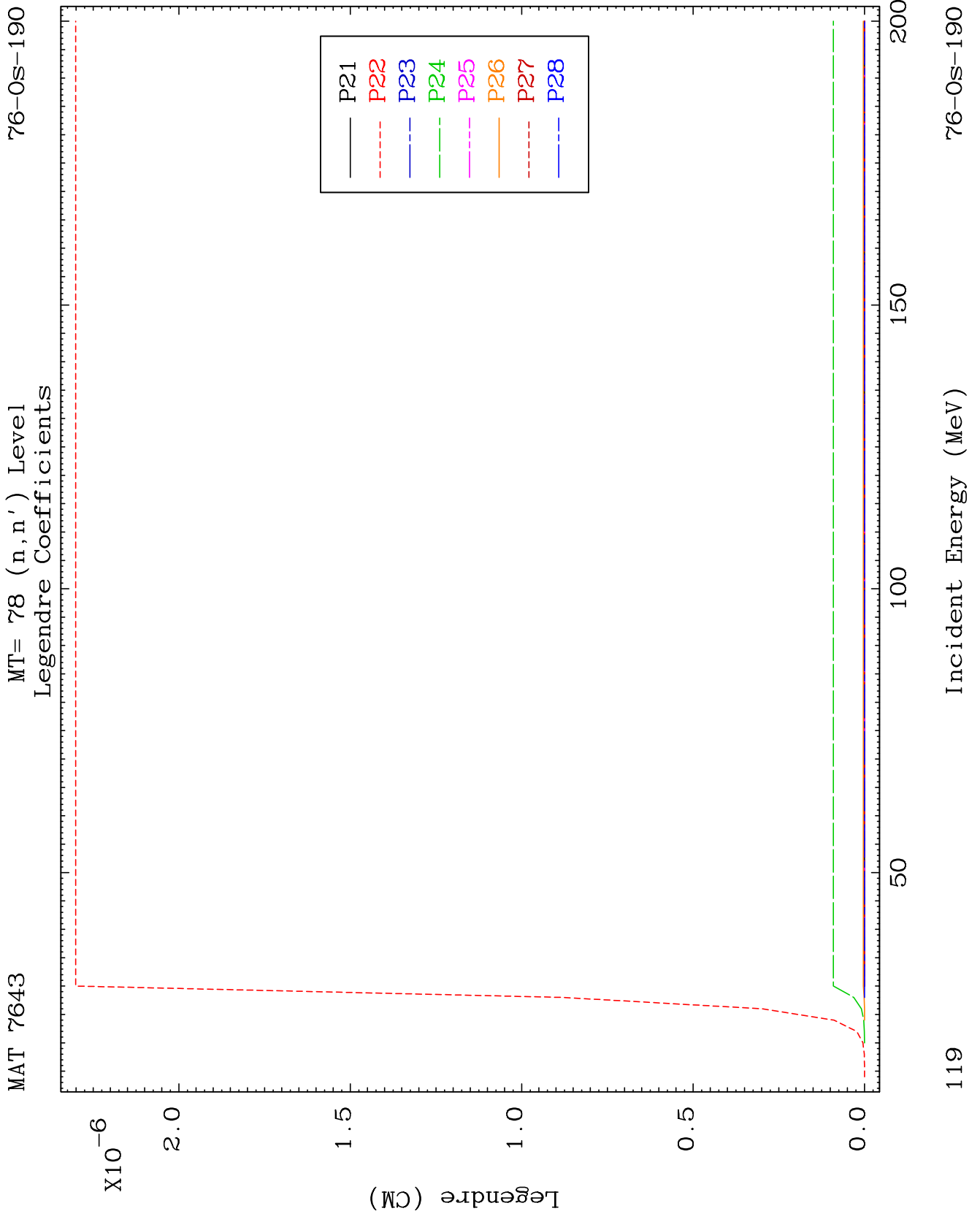
Legendre Coefficients

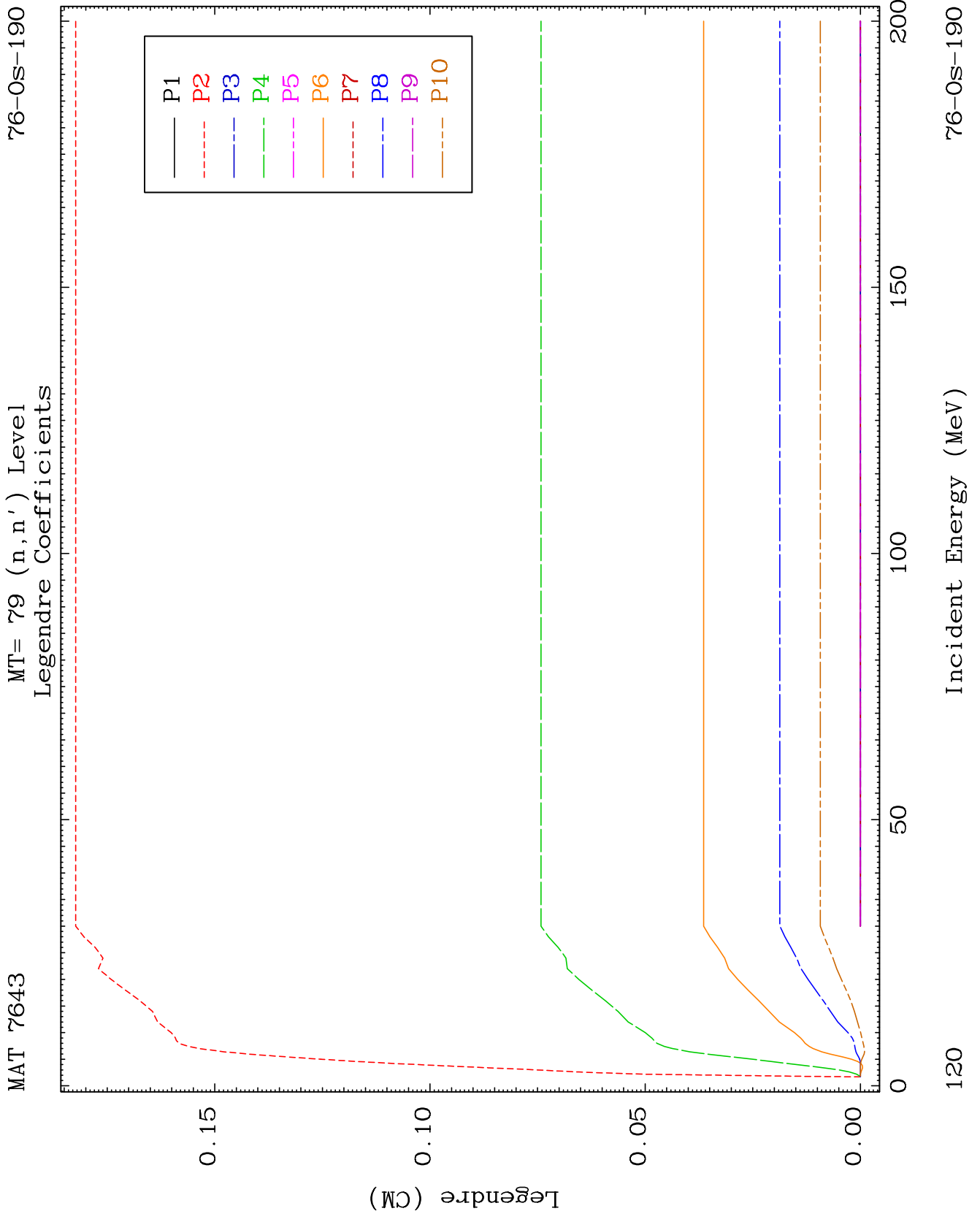


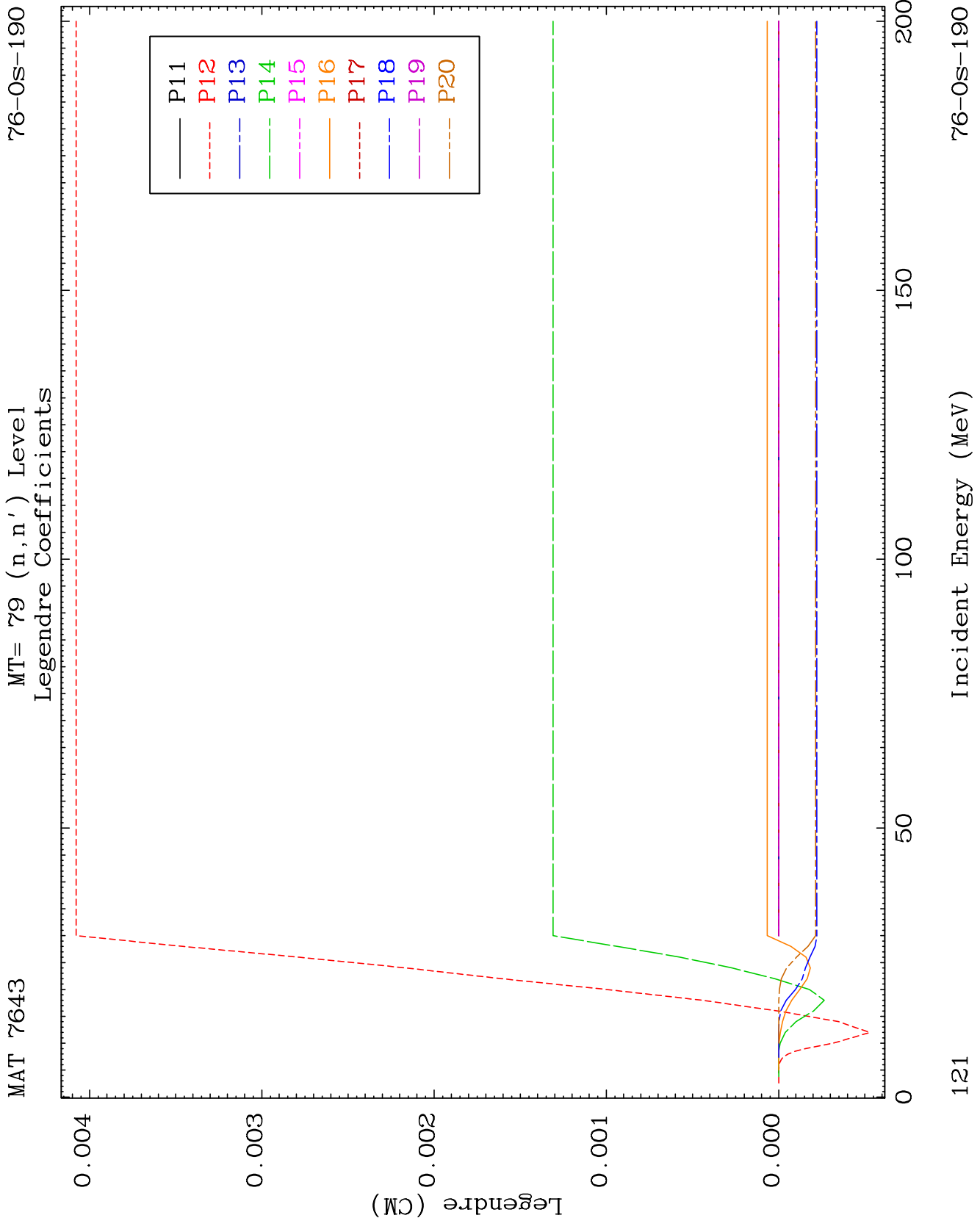
118

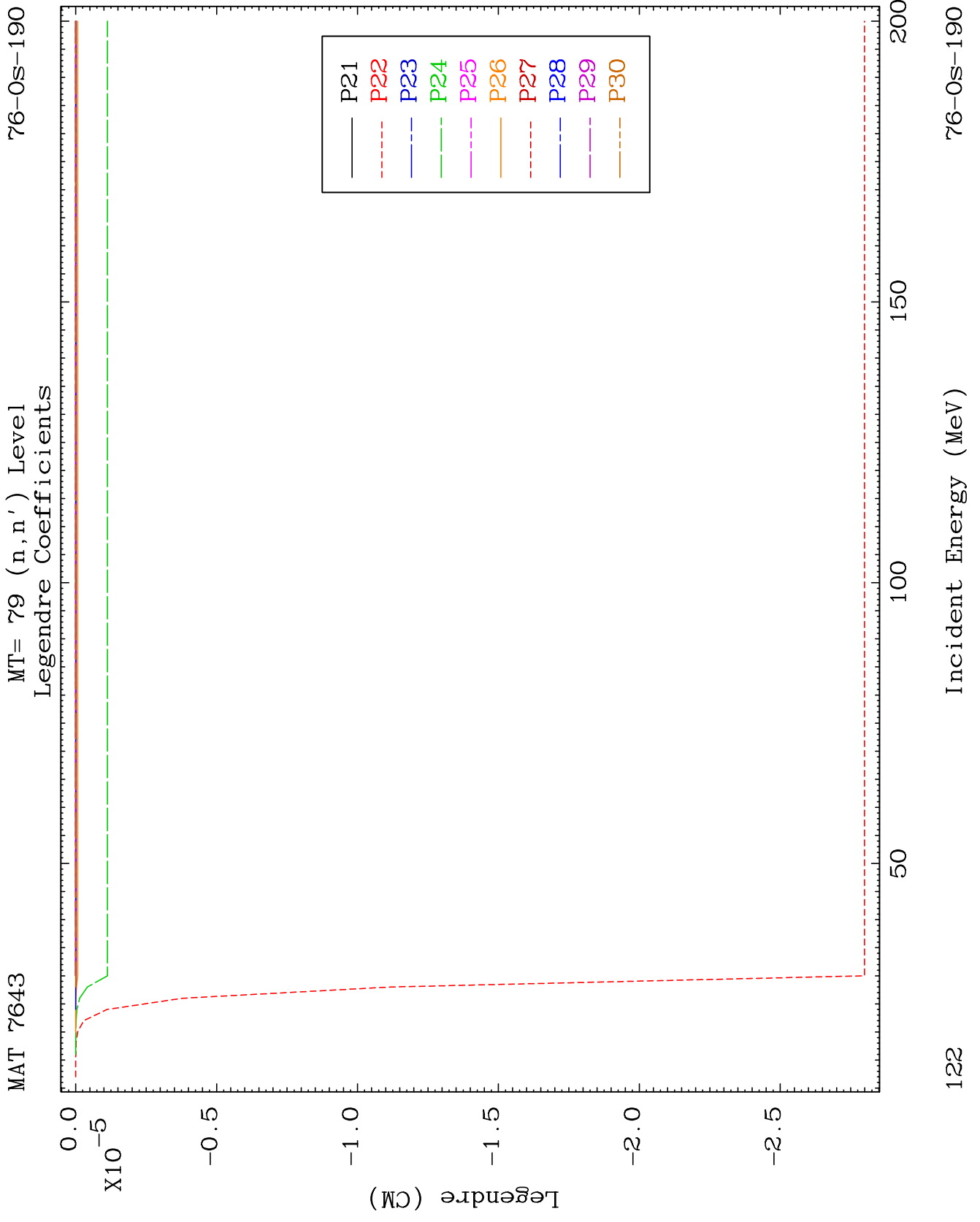
Incident Energy (MeV)

76-Os-190





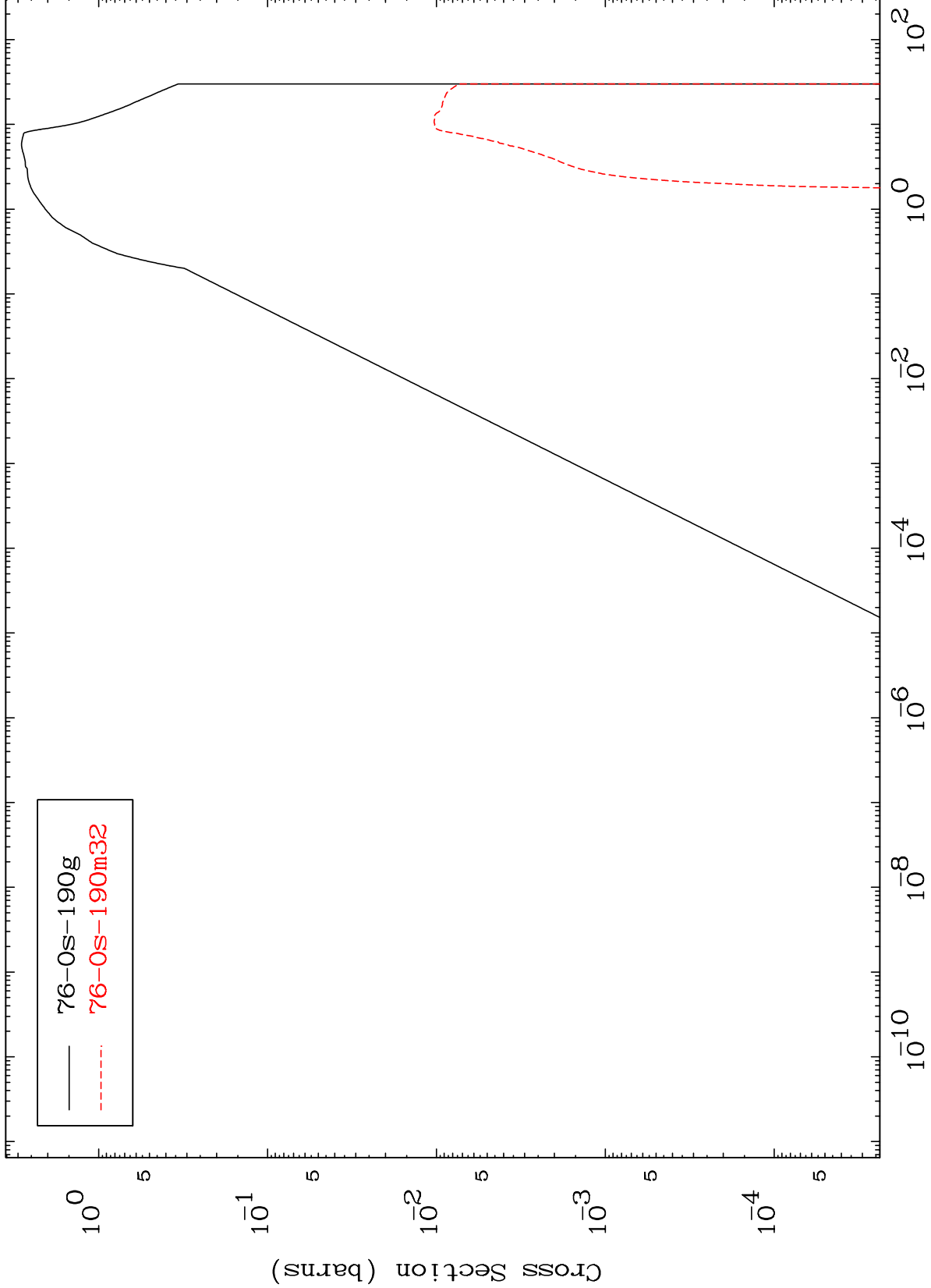




MAT 7643

Inelastic  
Radionuclide Production Cross Section

76-Os-190



76-Os-190g  
76-Os-190m32

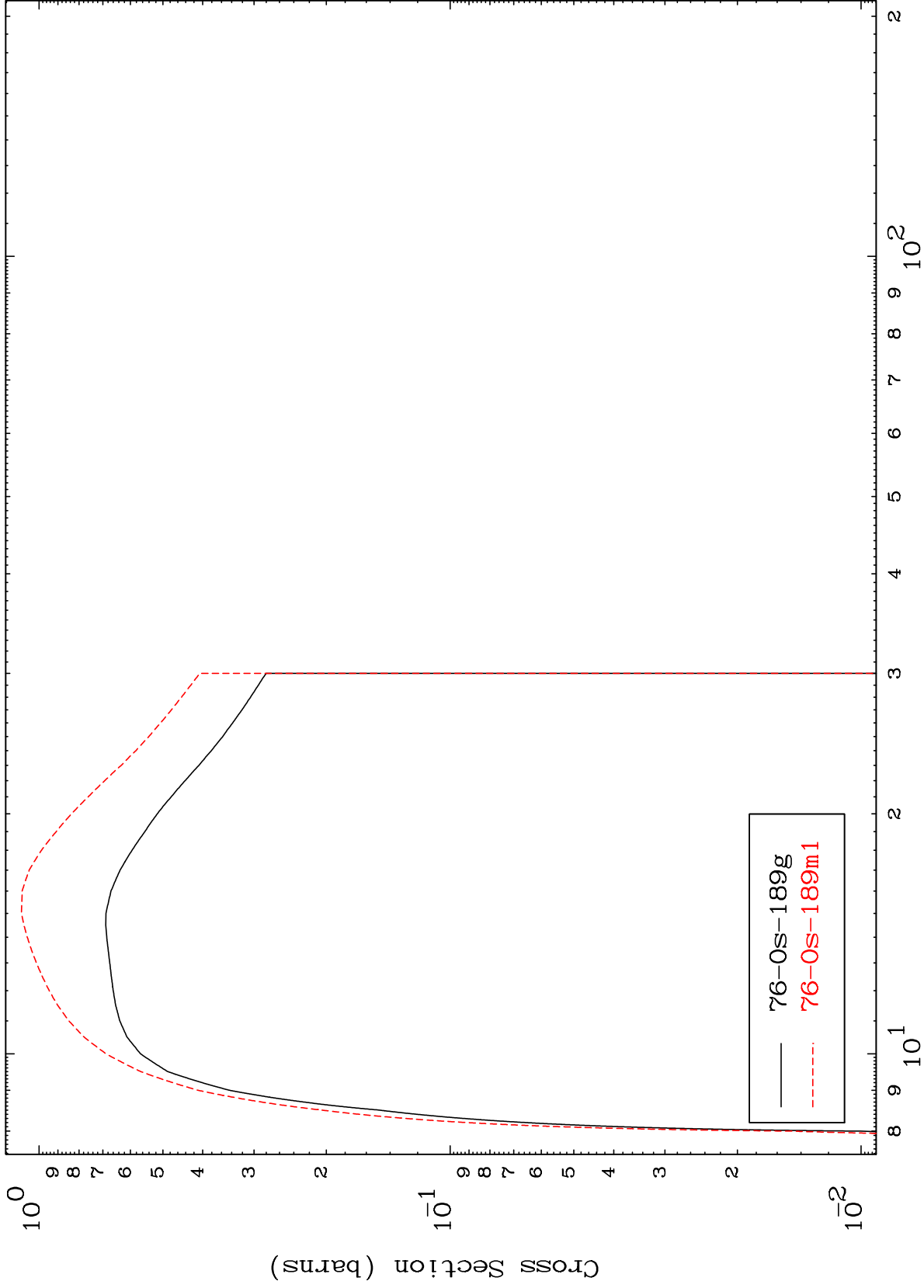
76-Os-190

MAT 7643

(n,2n)

76-Os-190

Radionuclide Production Cross Section



124

Incident Energy (MeV)

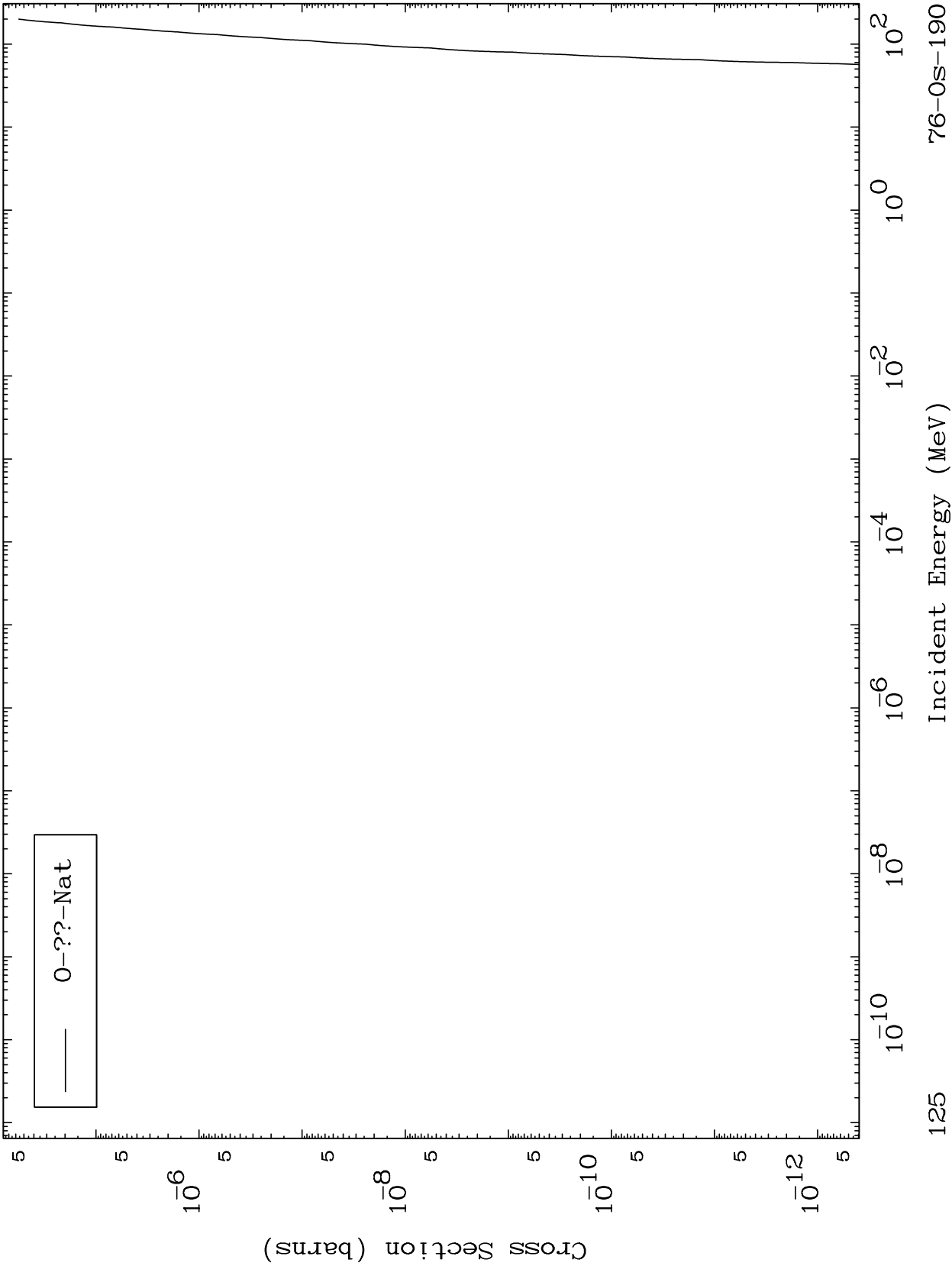
76-Os-190

MAT 7643

Fission

76-Os-190

Radionuclide Production Cross Section

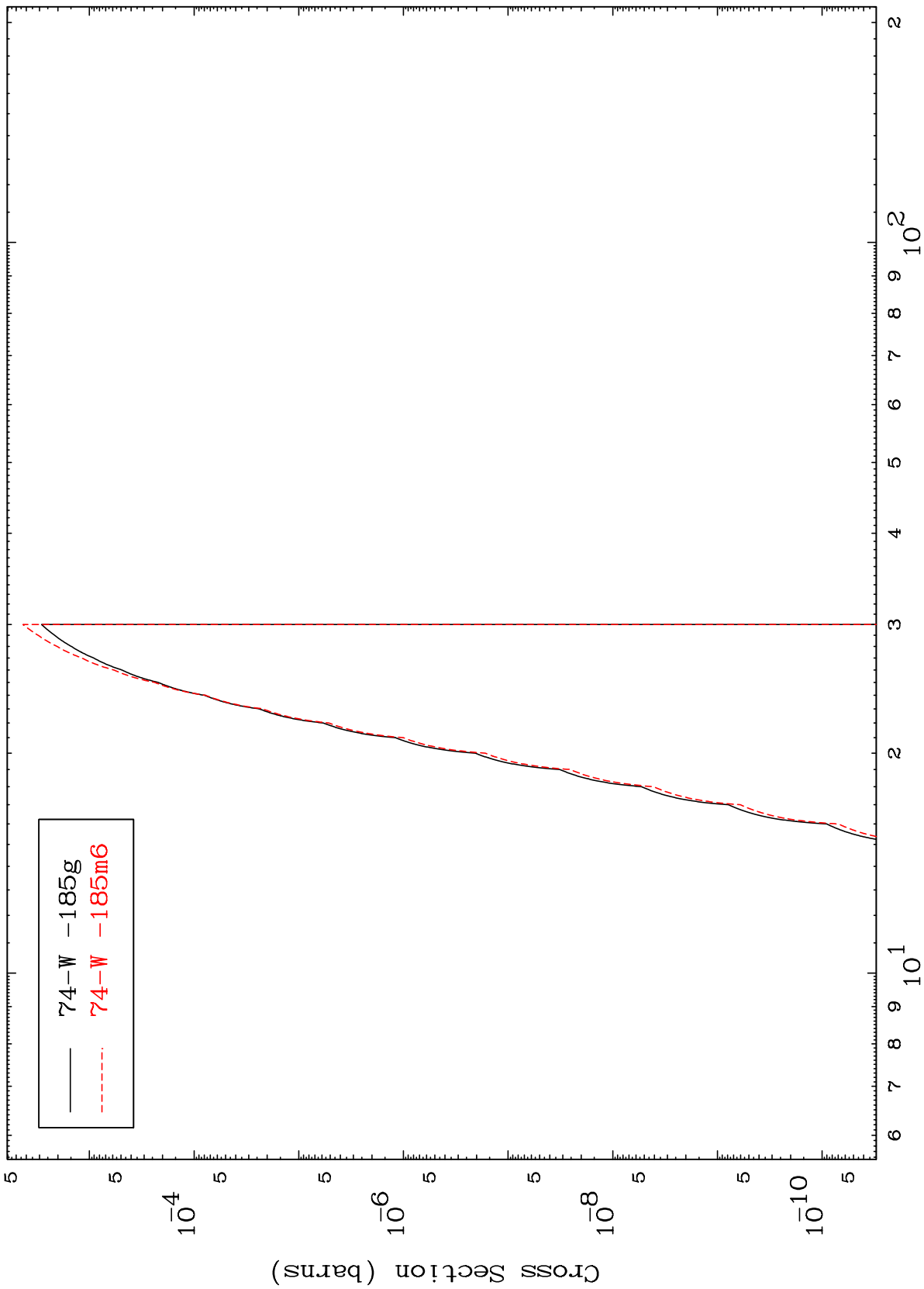


MAT 7643

(n,2n)  $\alpha$

76-Os-190

Radionuclide Production Cross Section



126

Incident Energy (MeV)

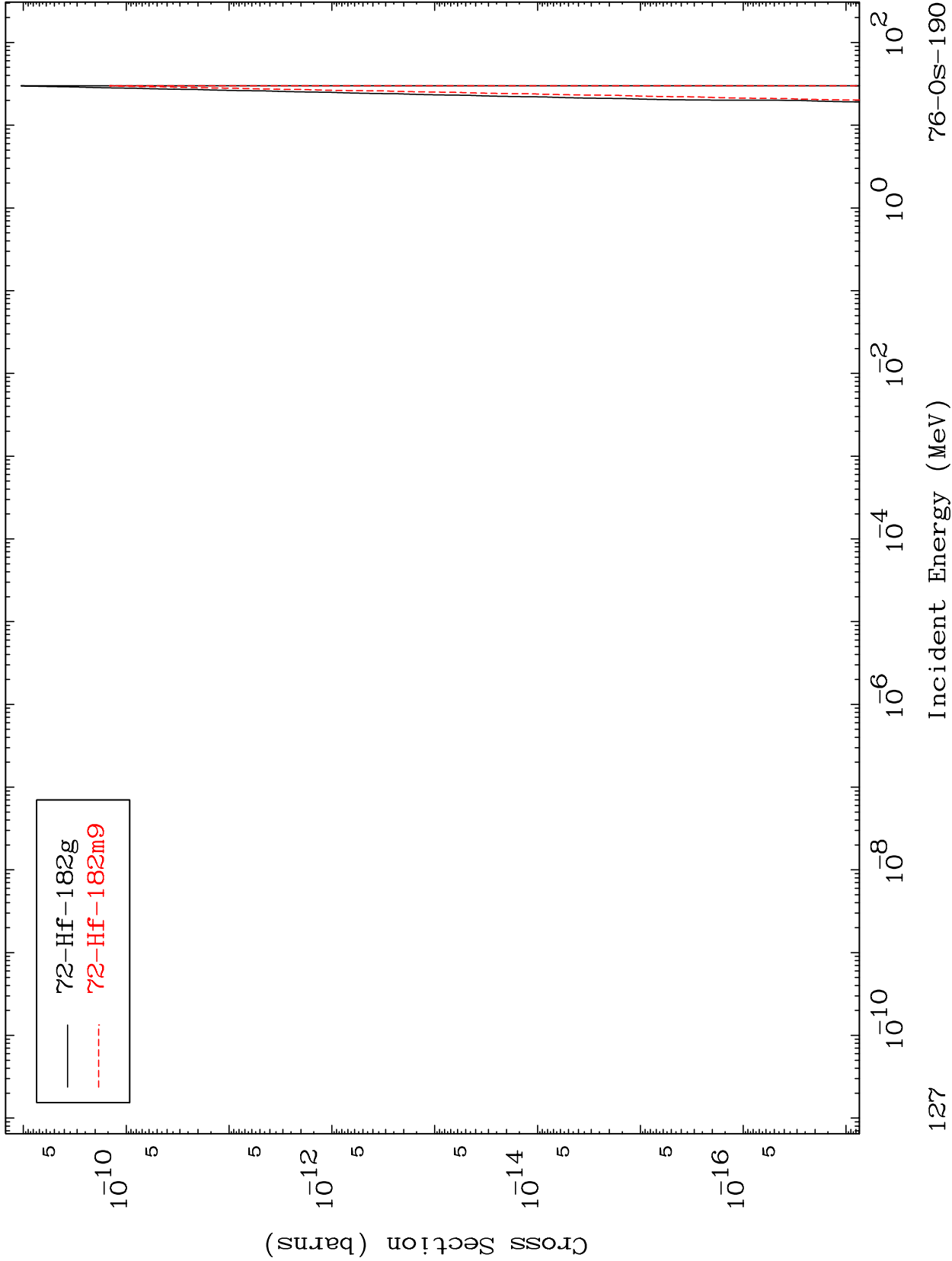
76-Os-190

MAT 7643

(n,n') 2 $\alpha$

76-Os-190

Radionuclide Production Cross Section



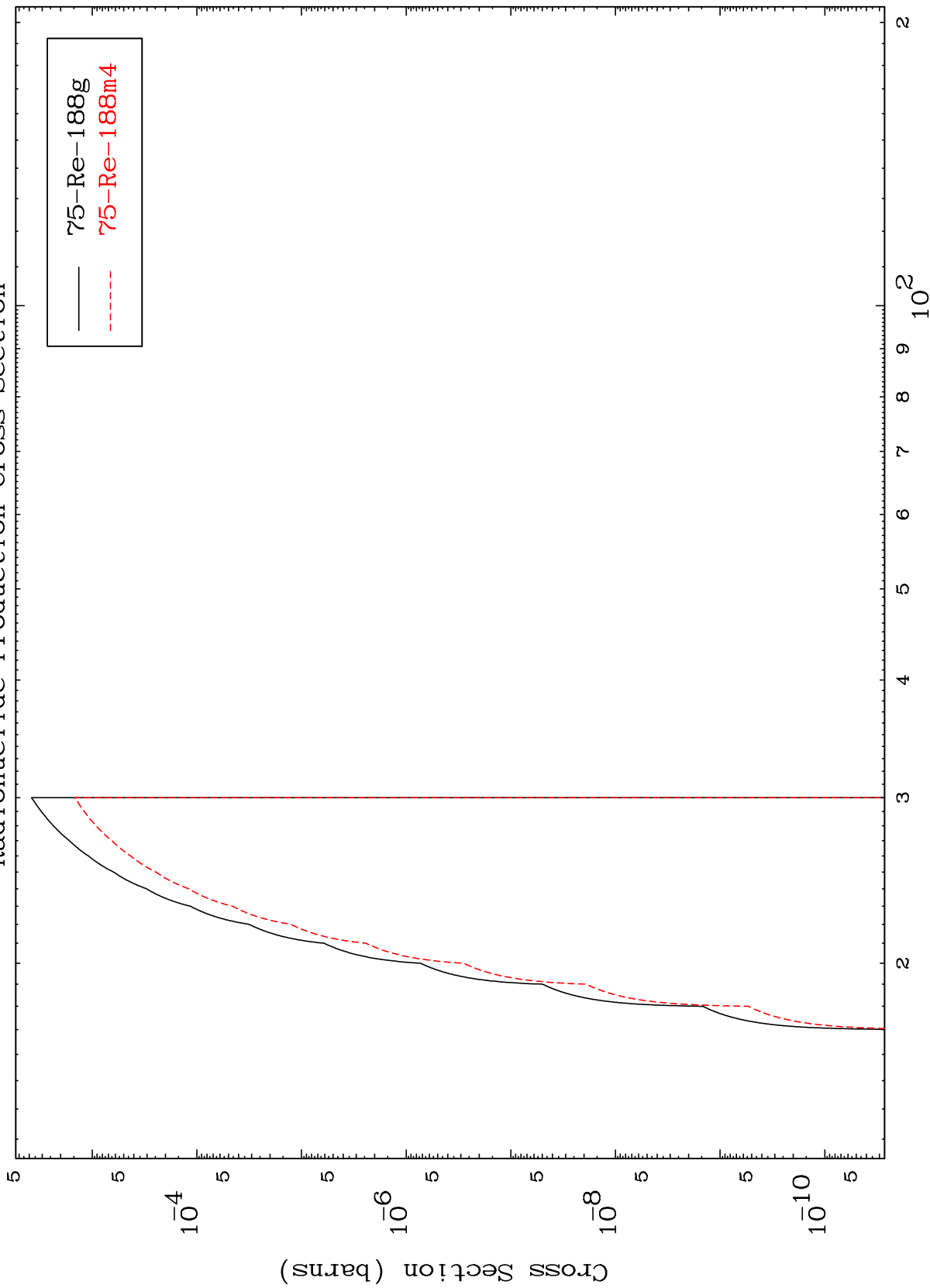
—  $^{72}\text{Hf-182g}$   
- - -  $^{72}\text{Hf-182m9}$

MAT 7643

(n,n') d

76-Os-190

Radionuclide Production Cross Section



128

Incident Energy (MeV)

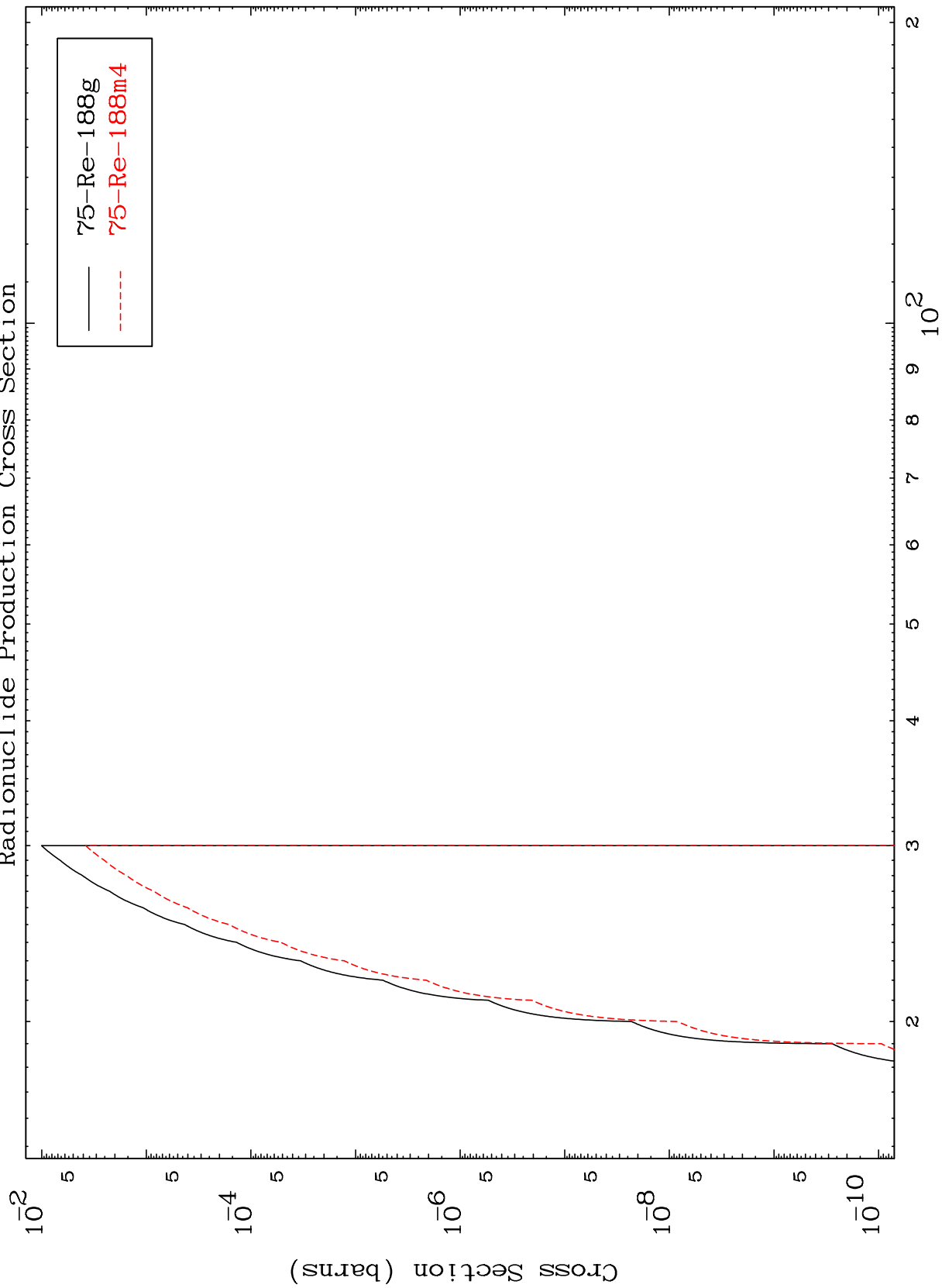
76-Os-190

MAT 7643

(n,2n) p

76-Os-190

Radionuclide Production Cross Section



129

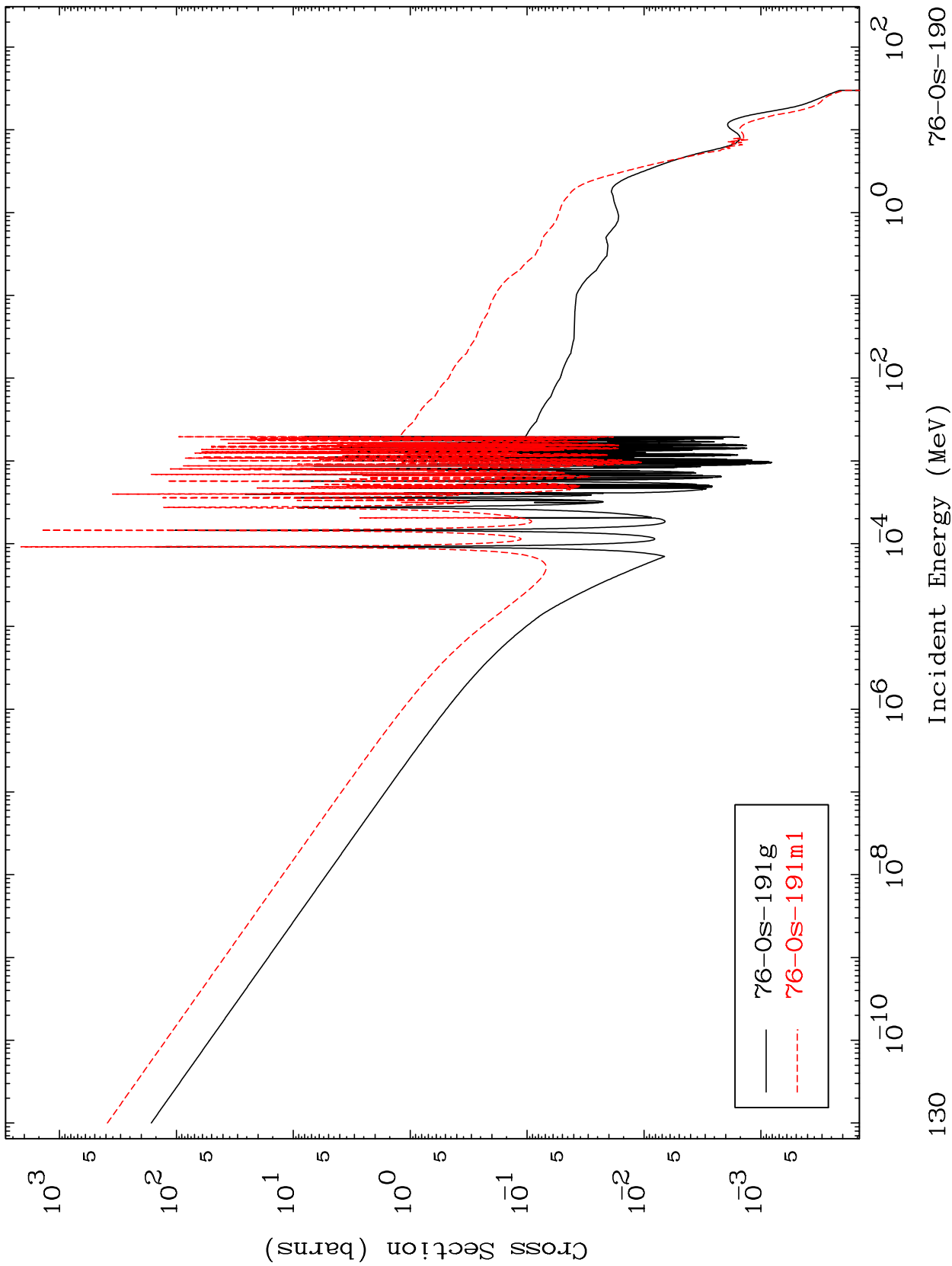
Incident Energy (MeV)

76-Os-190

MAT 7643

76-Os-190

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



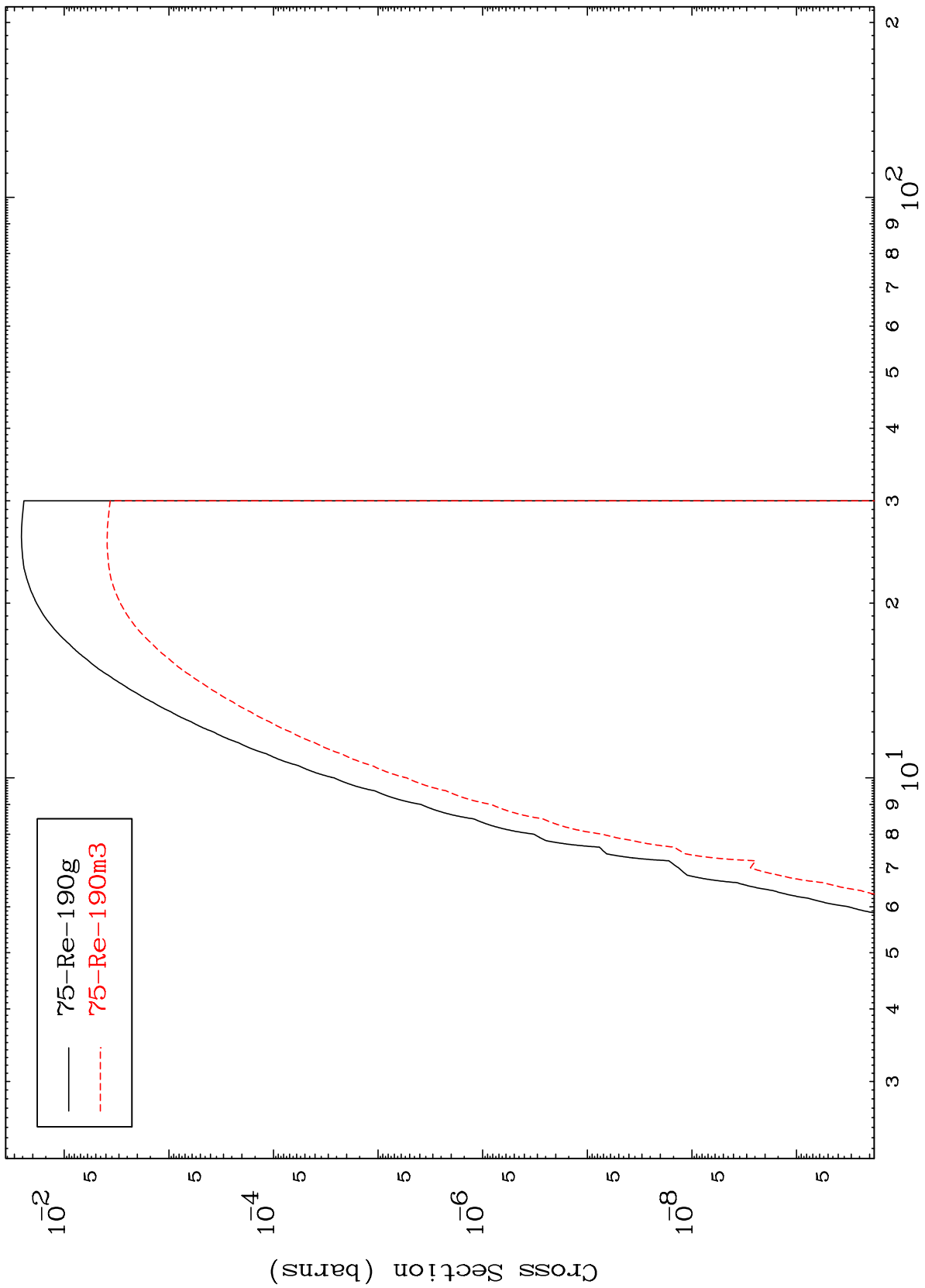
130

76-Os-190

MAT 7643

76-Os-190

(n,p)  
Radionuclide Production Cross Section



131

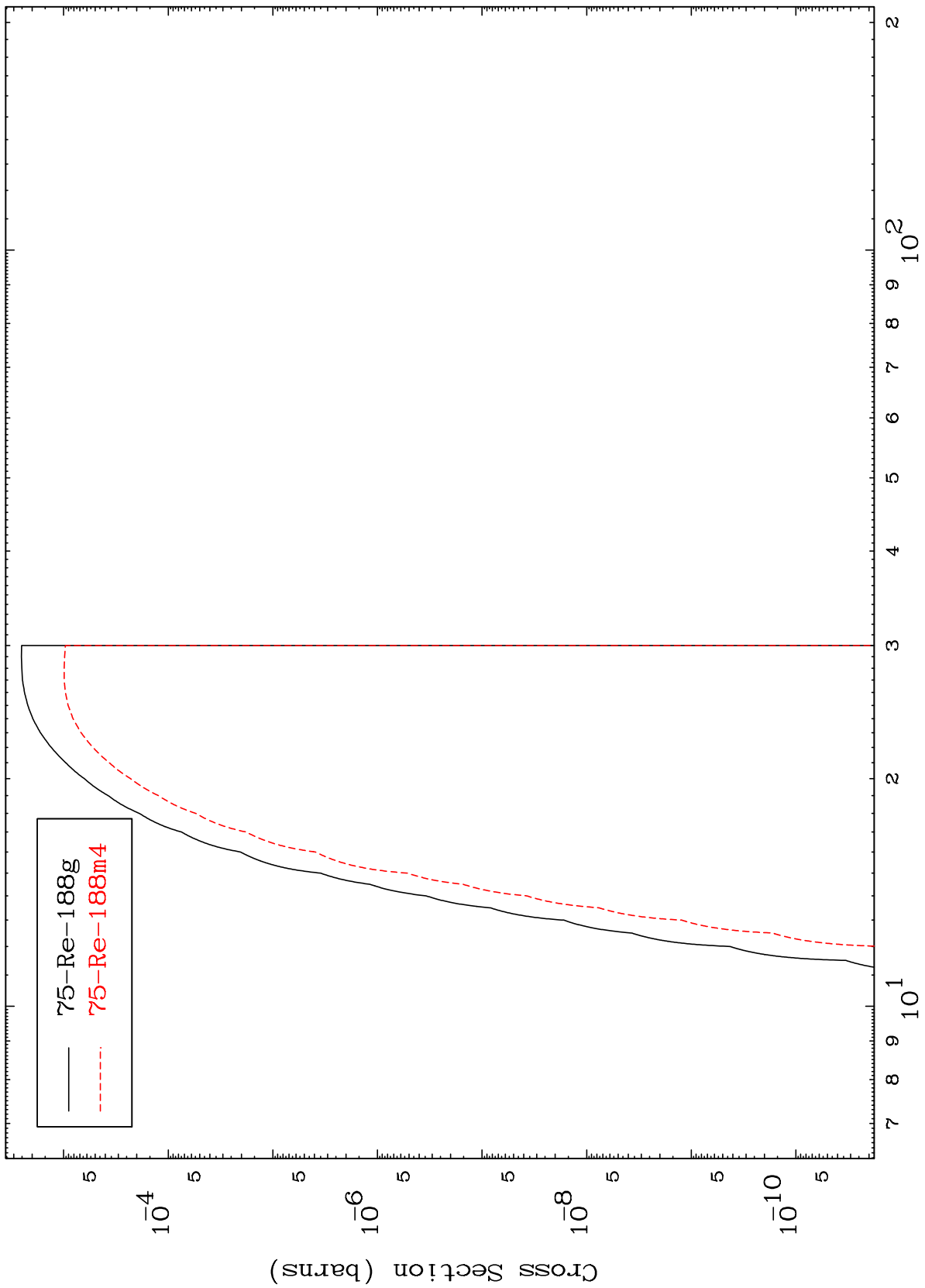
Incident Energy (MeV)

76-Os-190

MAT 7643

76-Os-190

(n, t)  
Radionuclide Production Cross Section



132

Incident Energy (MeV)

76-Os-190