

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

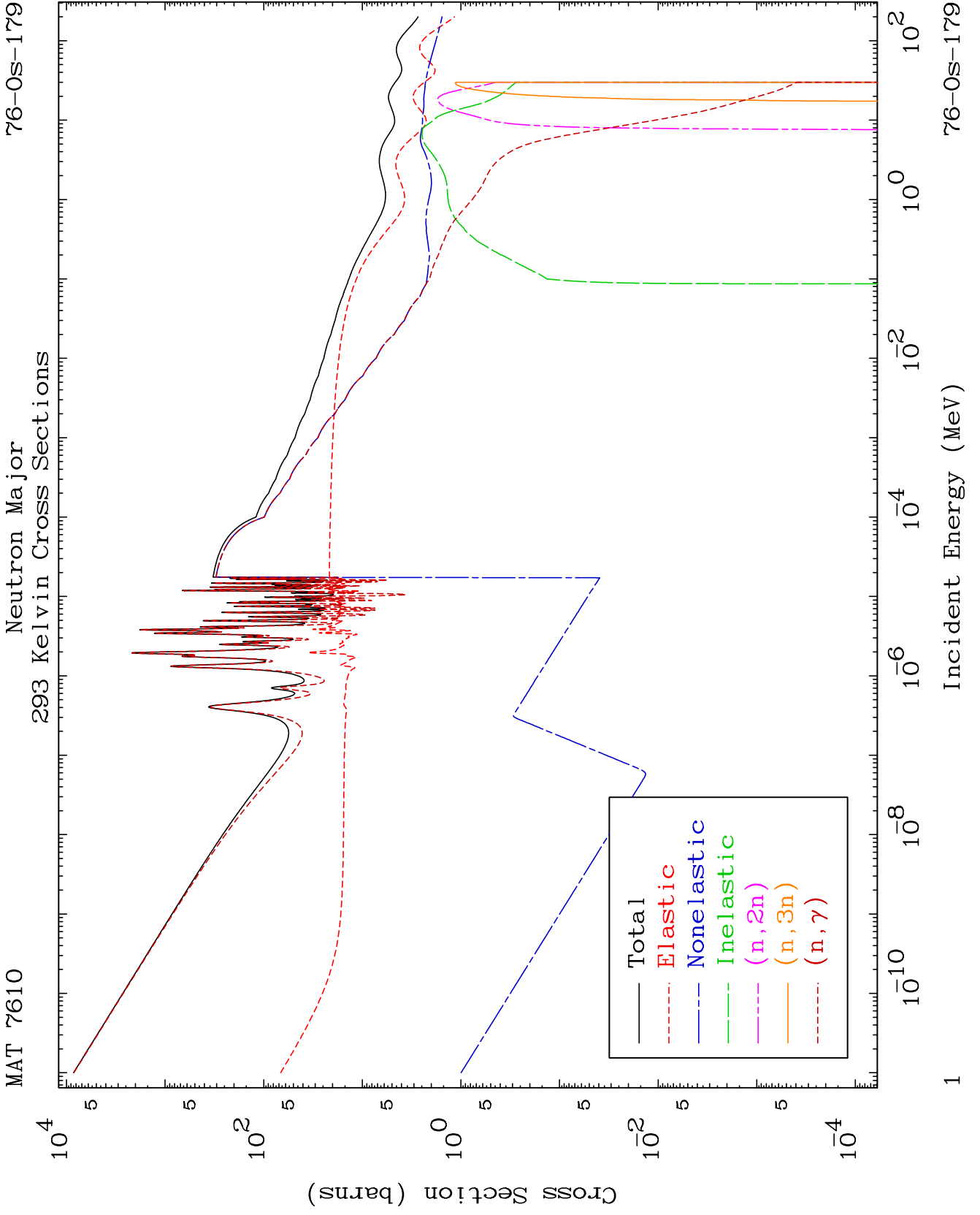
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

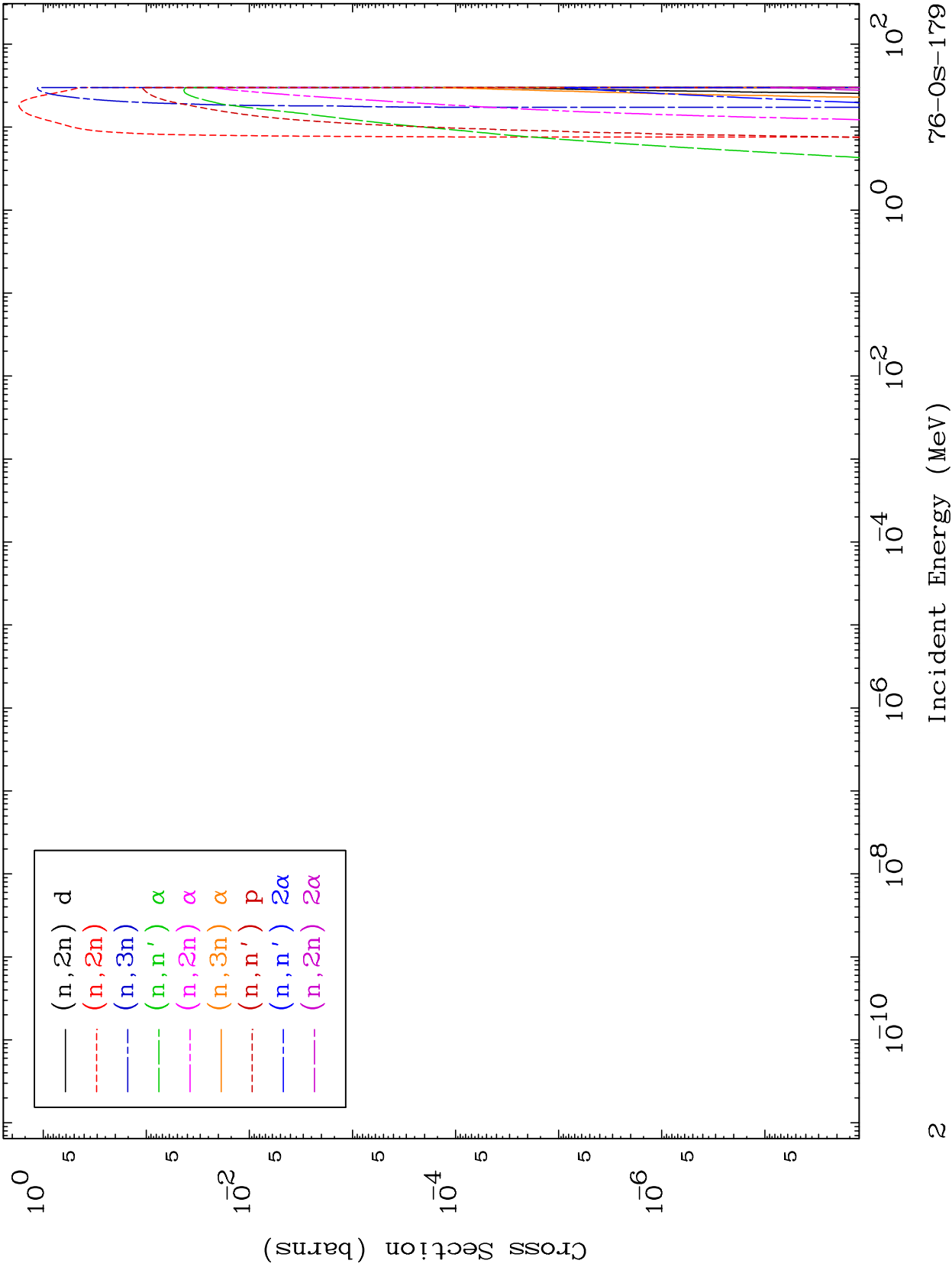
Press Mouse Button to Start



MAT 7610

Neutron Absorption  
293 Kelvin Cross Sections

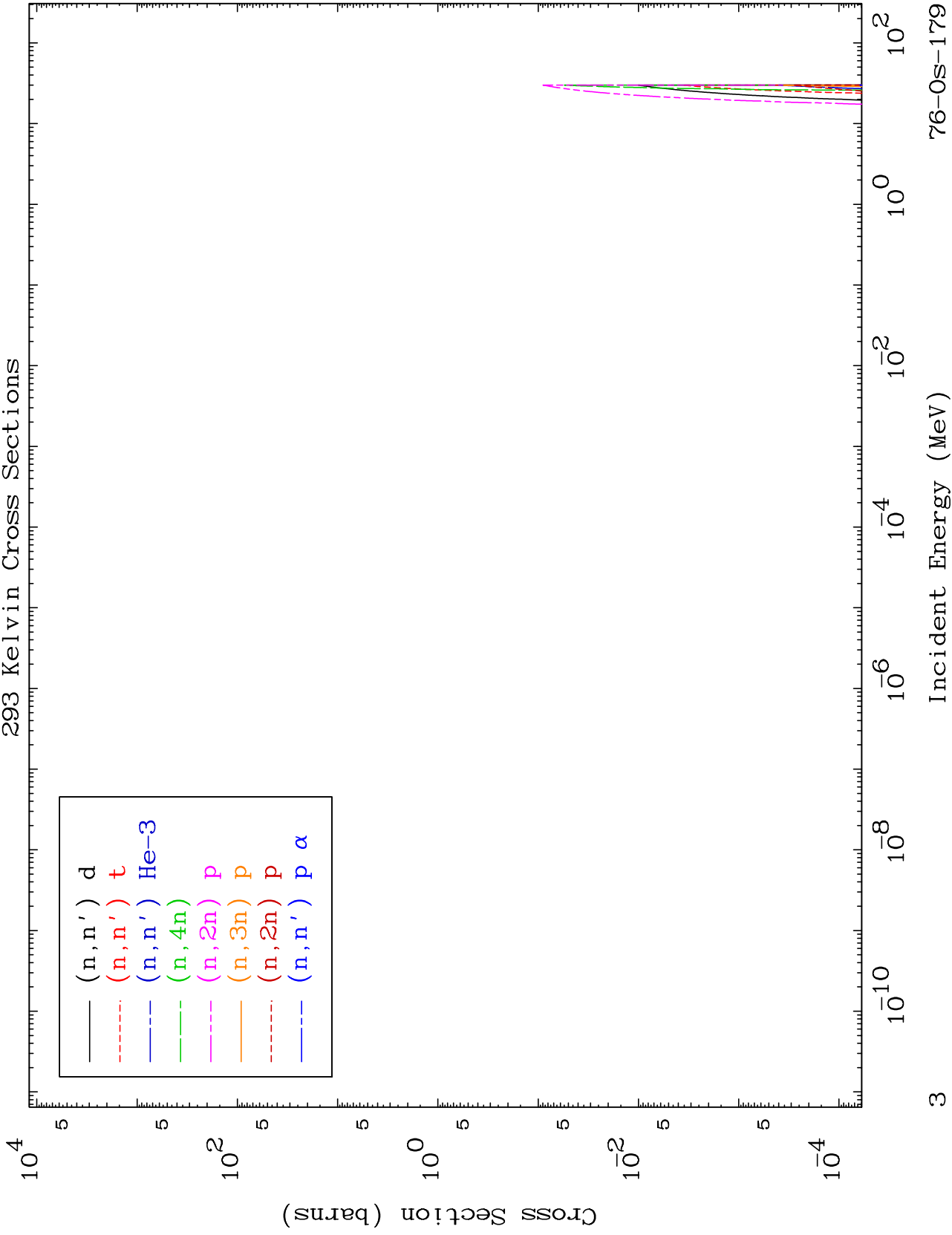
76-Os-179



MAT 7610

Neutron Absorption  
293 Kelvin Cross Sections

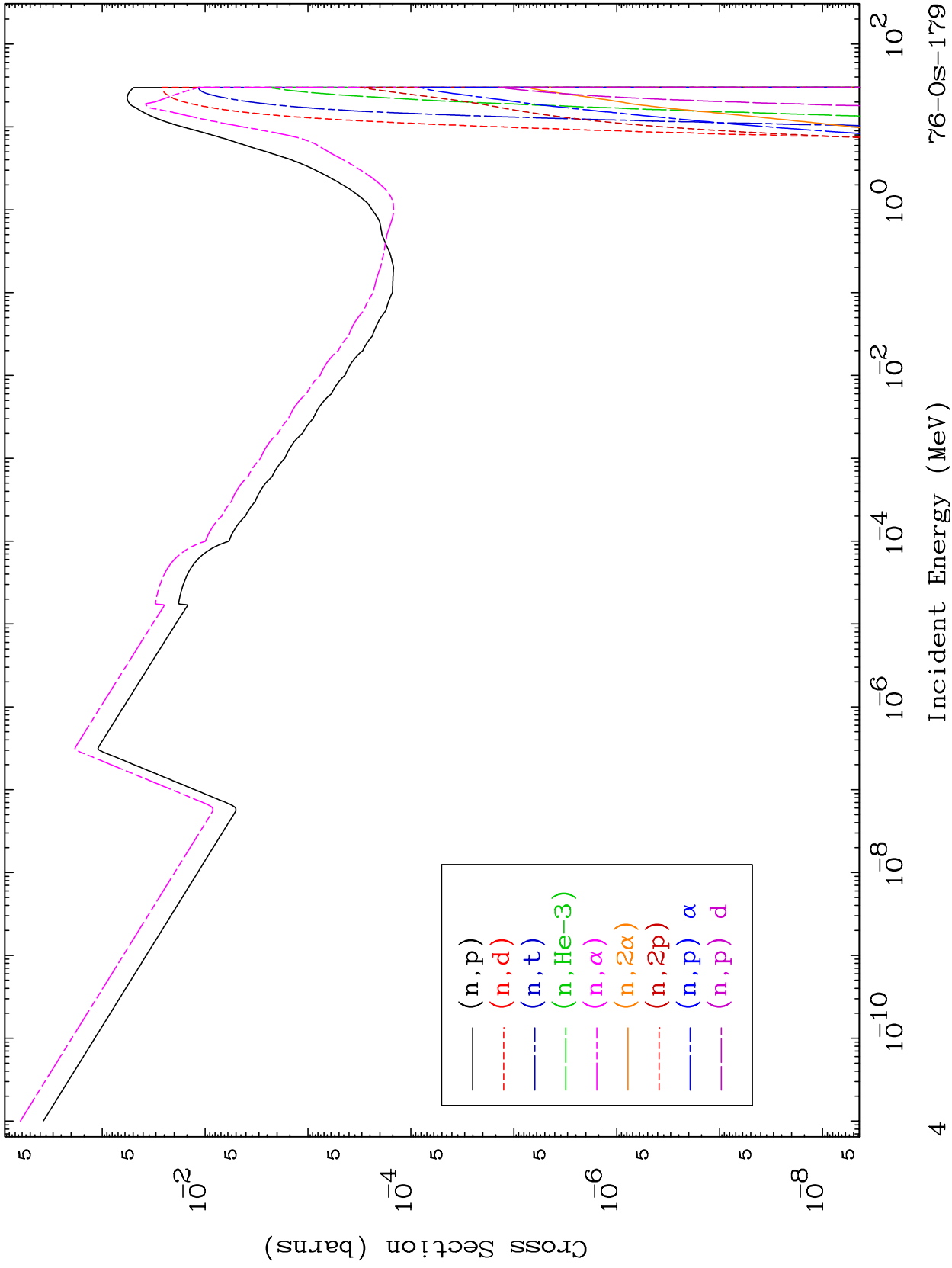
76-Os-179



MAT 7610

Neutron Absorption  
293 Kelvin Cross Sections

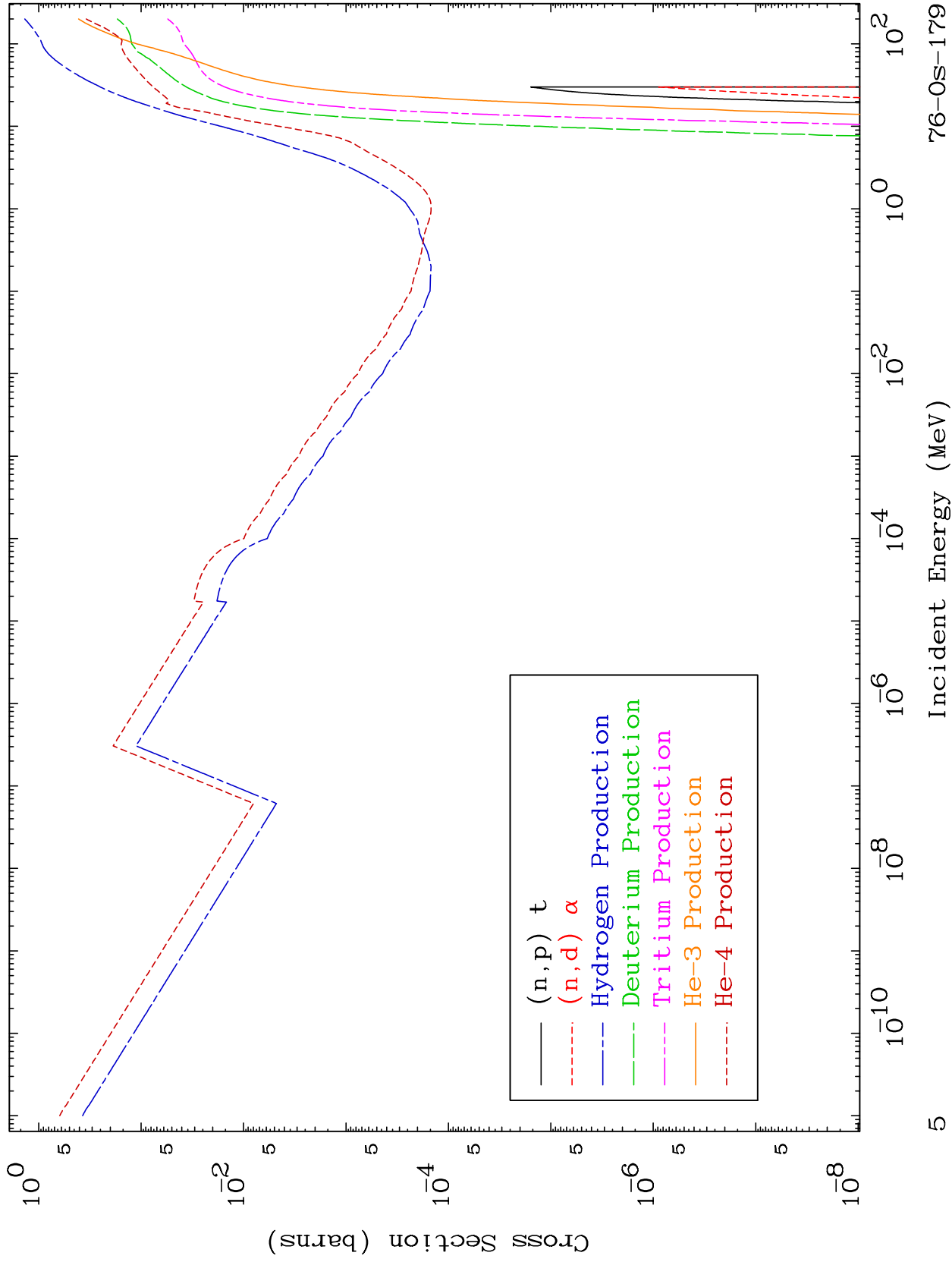
76-Os-179



MAT 7610

Neutron Absorption  
293 Kelvin Cross Sections

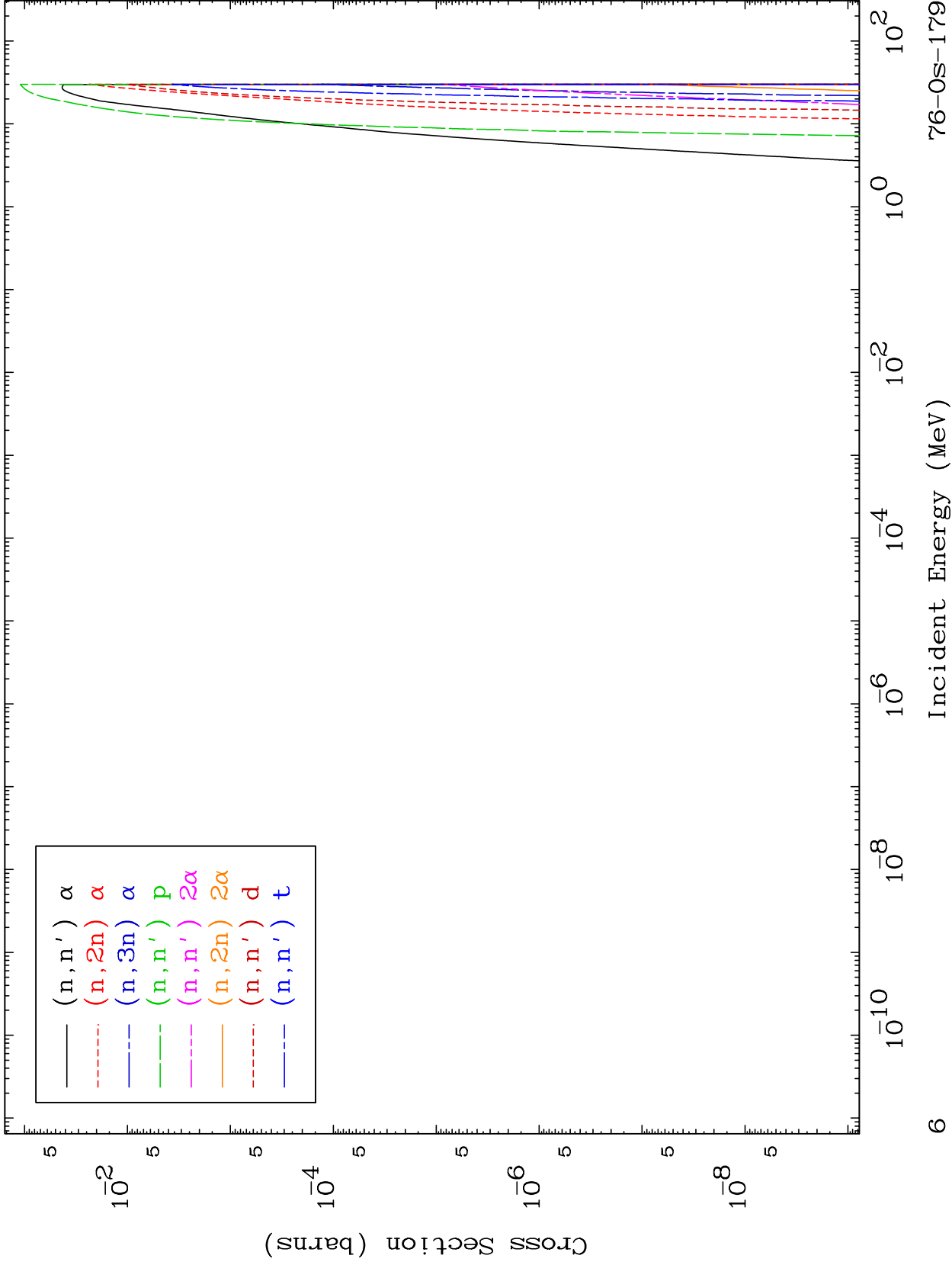
76-Os-179

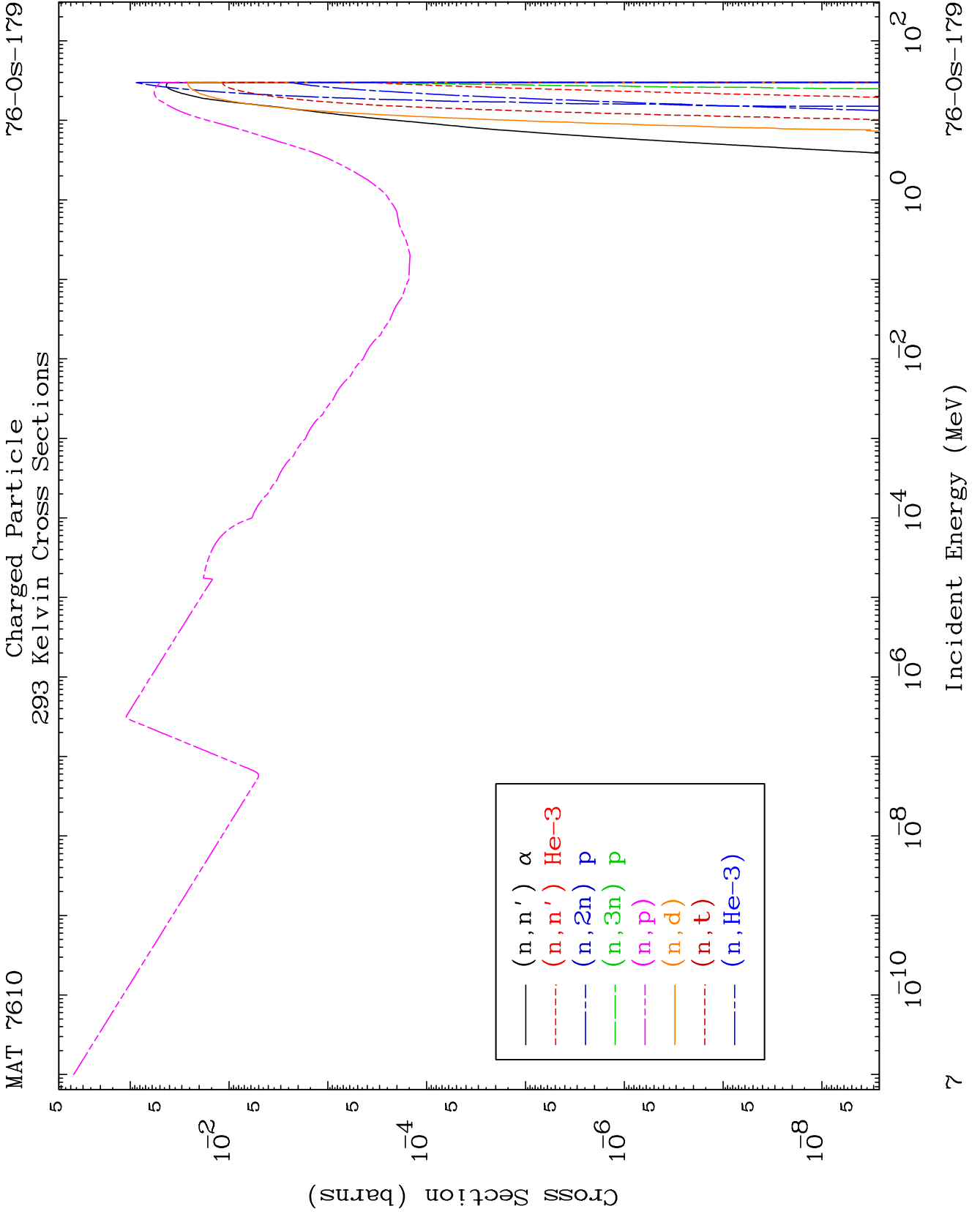


MAT 7610

Charged Particle  
293 Kelvin Cross Sections

76-Os-179



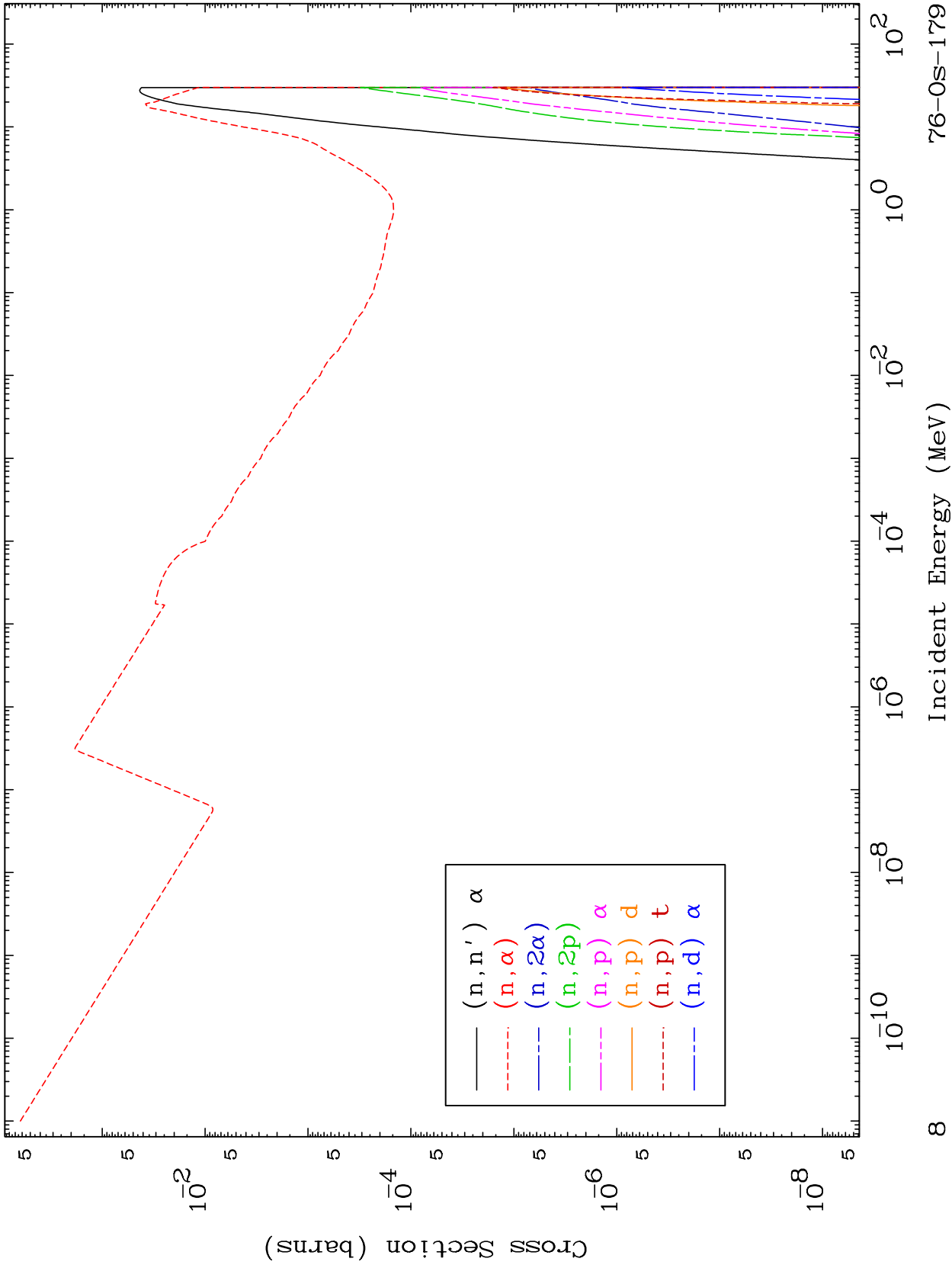




MAT 7610

Charged Particle  
293 Kelvin Cross Sections

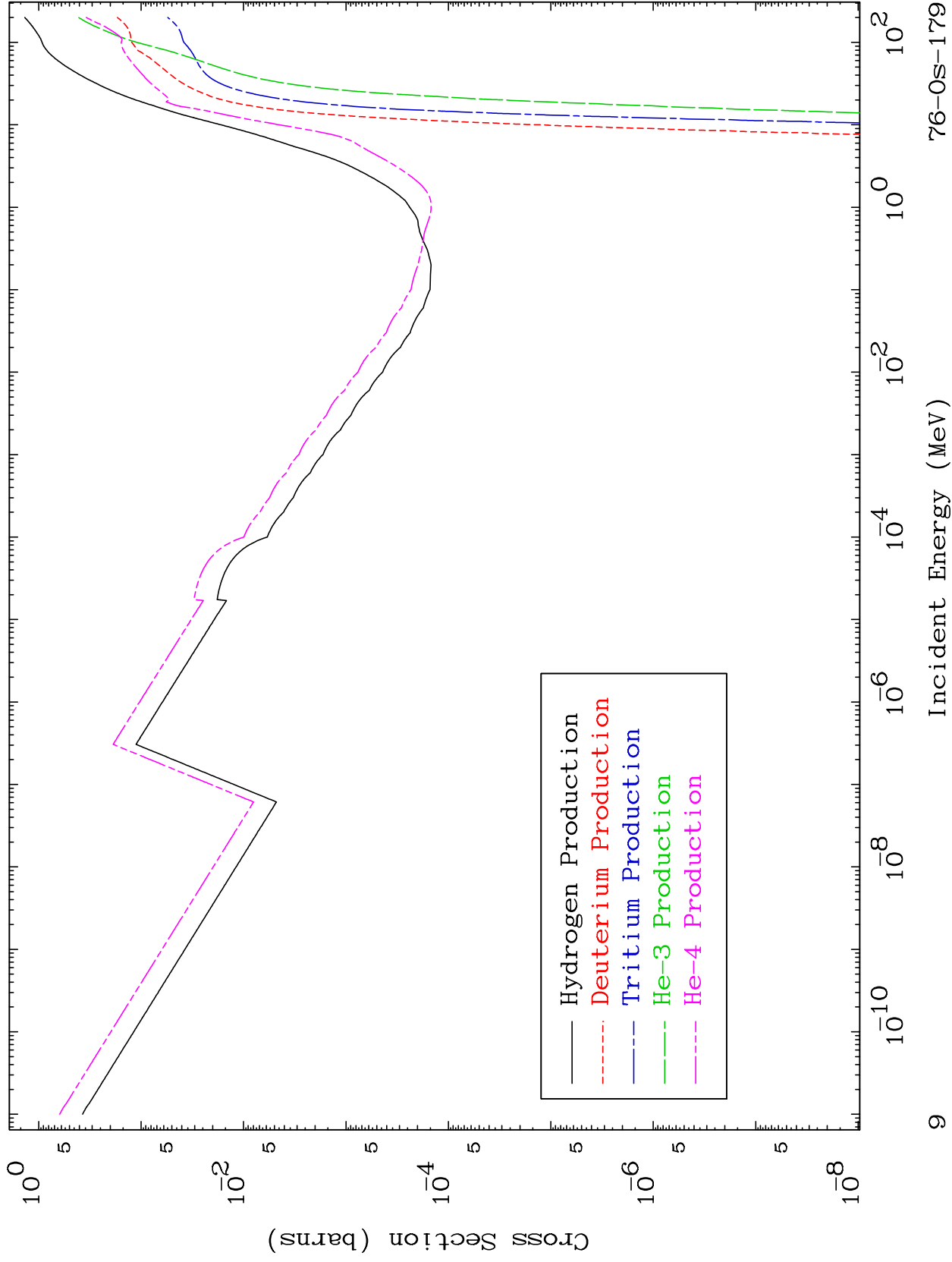
76-Os-179



MAT 7610

Particle Production  
293 Kelvin Cross Sections

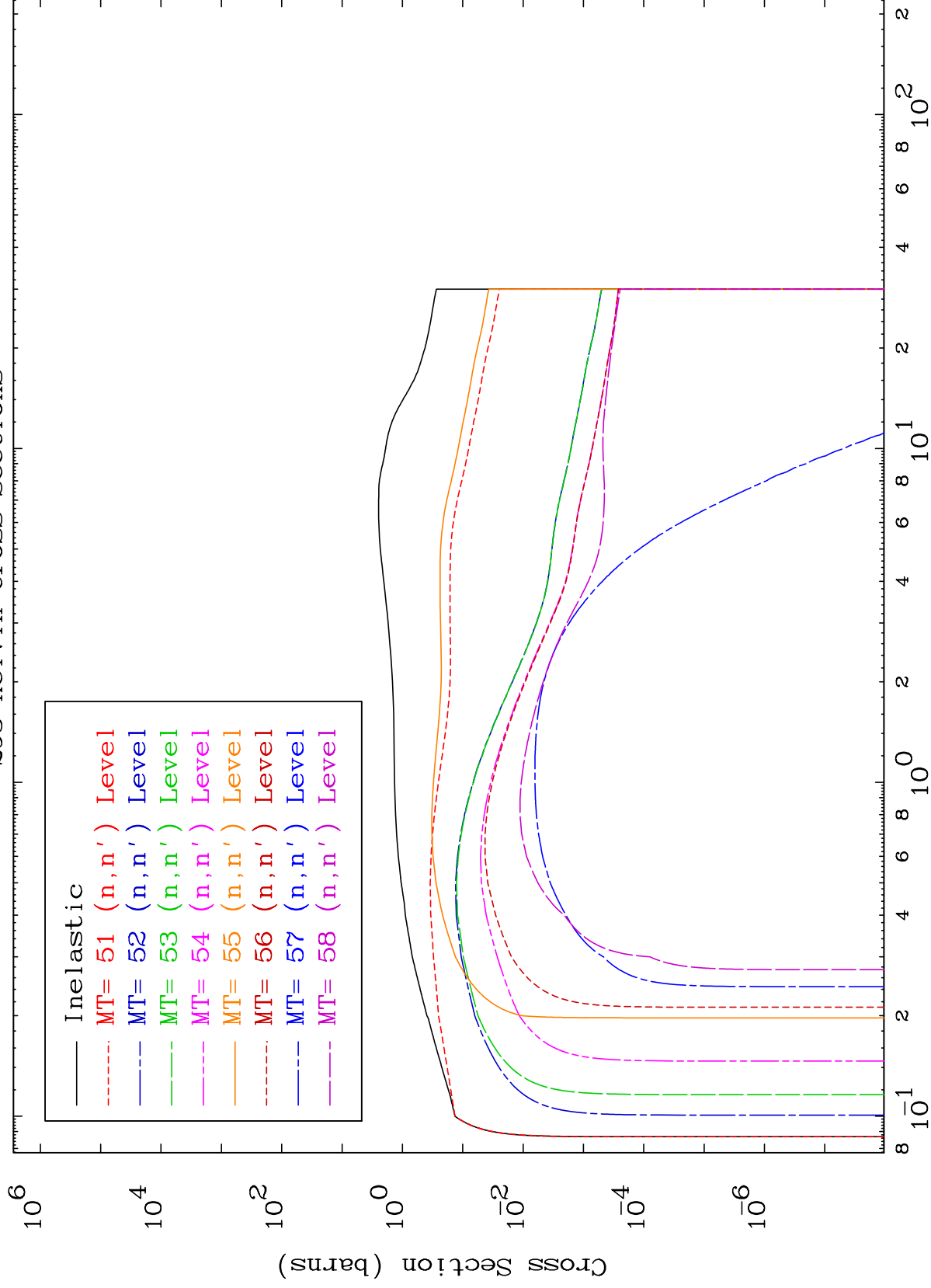
76-Os-179



MAT 7610

(n,n') Levels  
293 Kelvin Cross Sections

76-Os-179



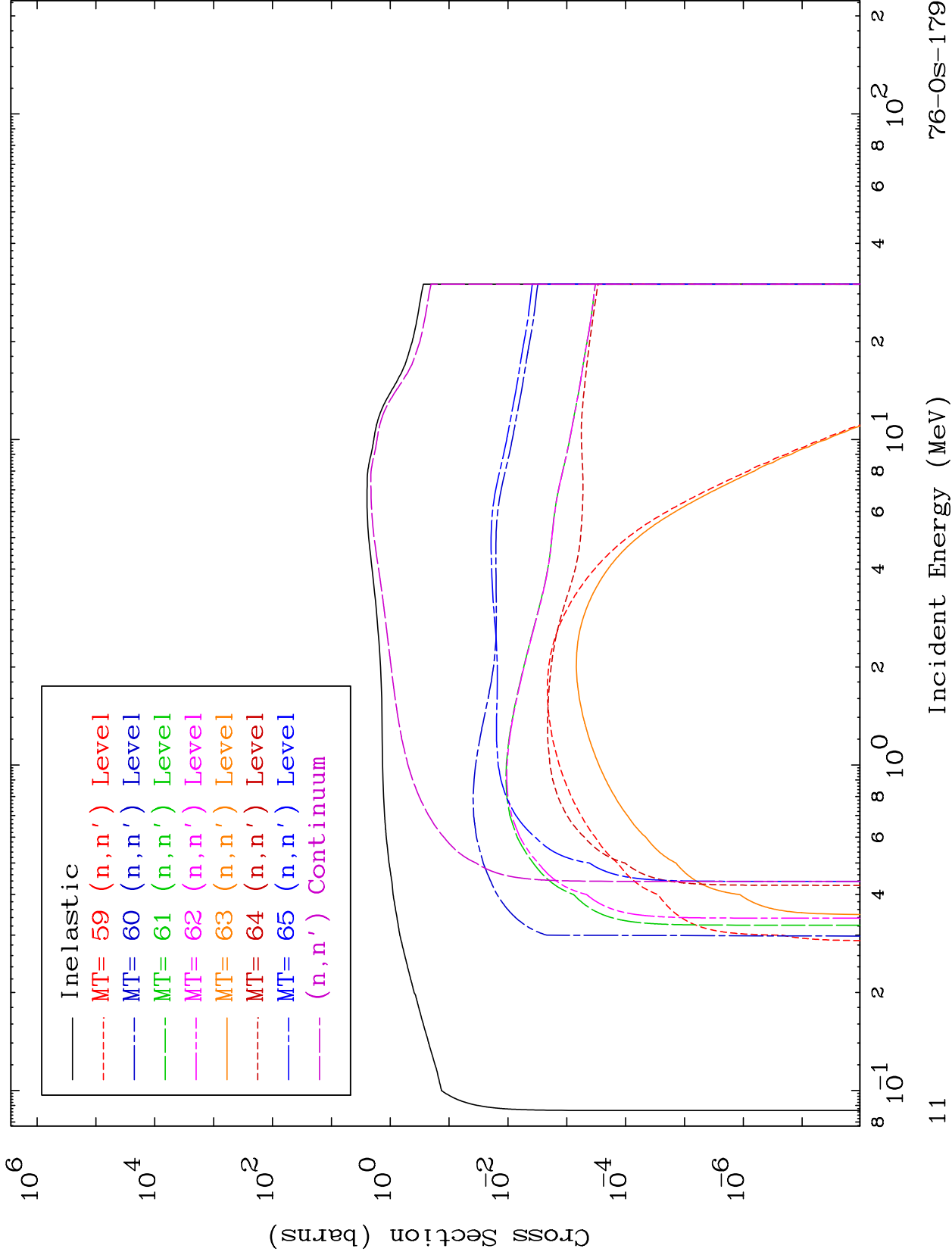
Incident Energy (MeV)

76-Os-179

MAT 7610

293 (n,n') Levels  
76-Os-179

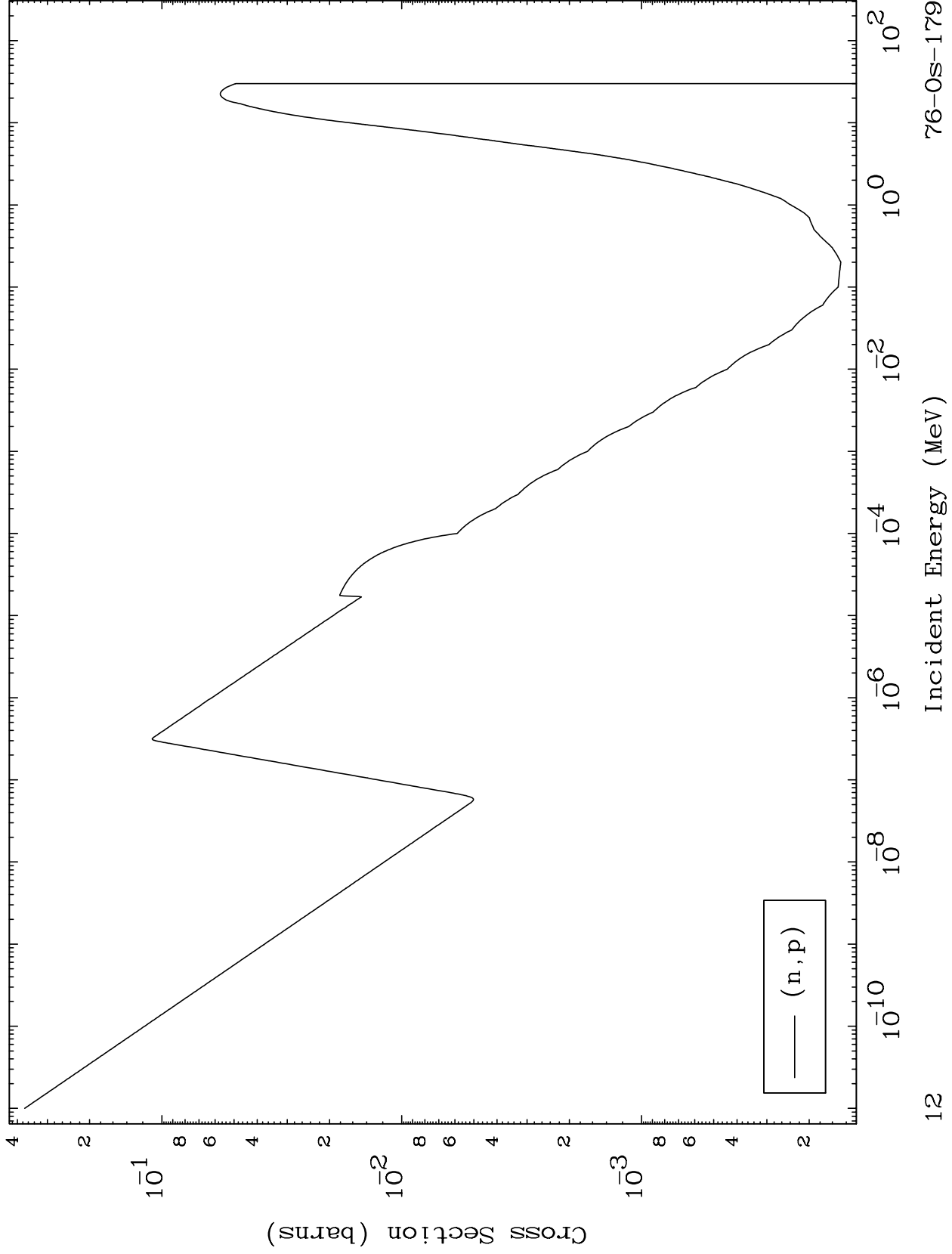
76-Os-179



MAT 7610

(n,p) Levels  
293 Kelvin Cross Sections

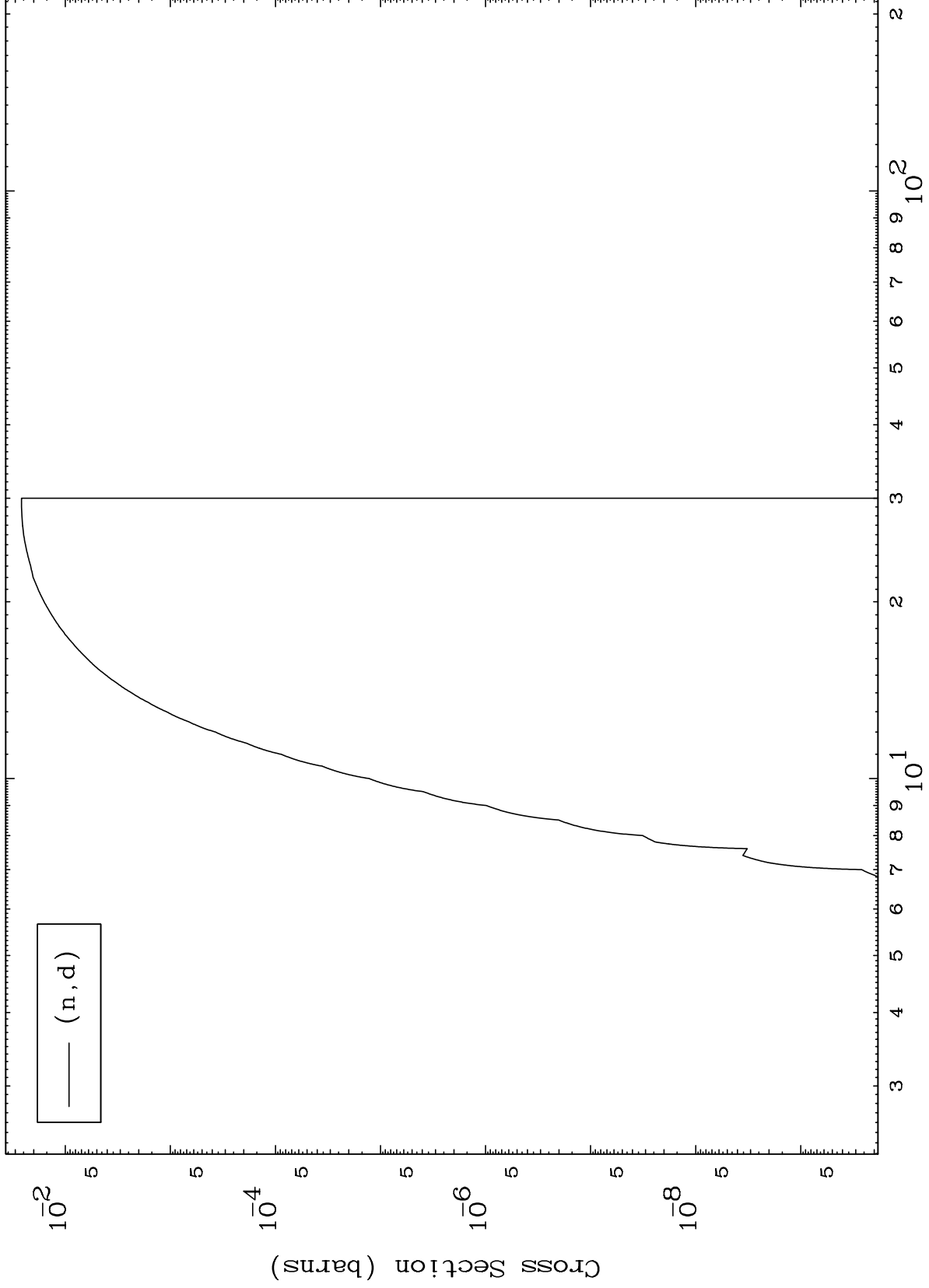
76-Os-179



MAT 7610

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-179



13

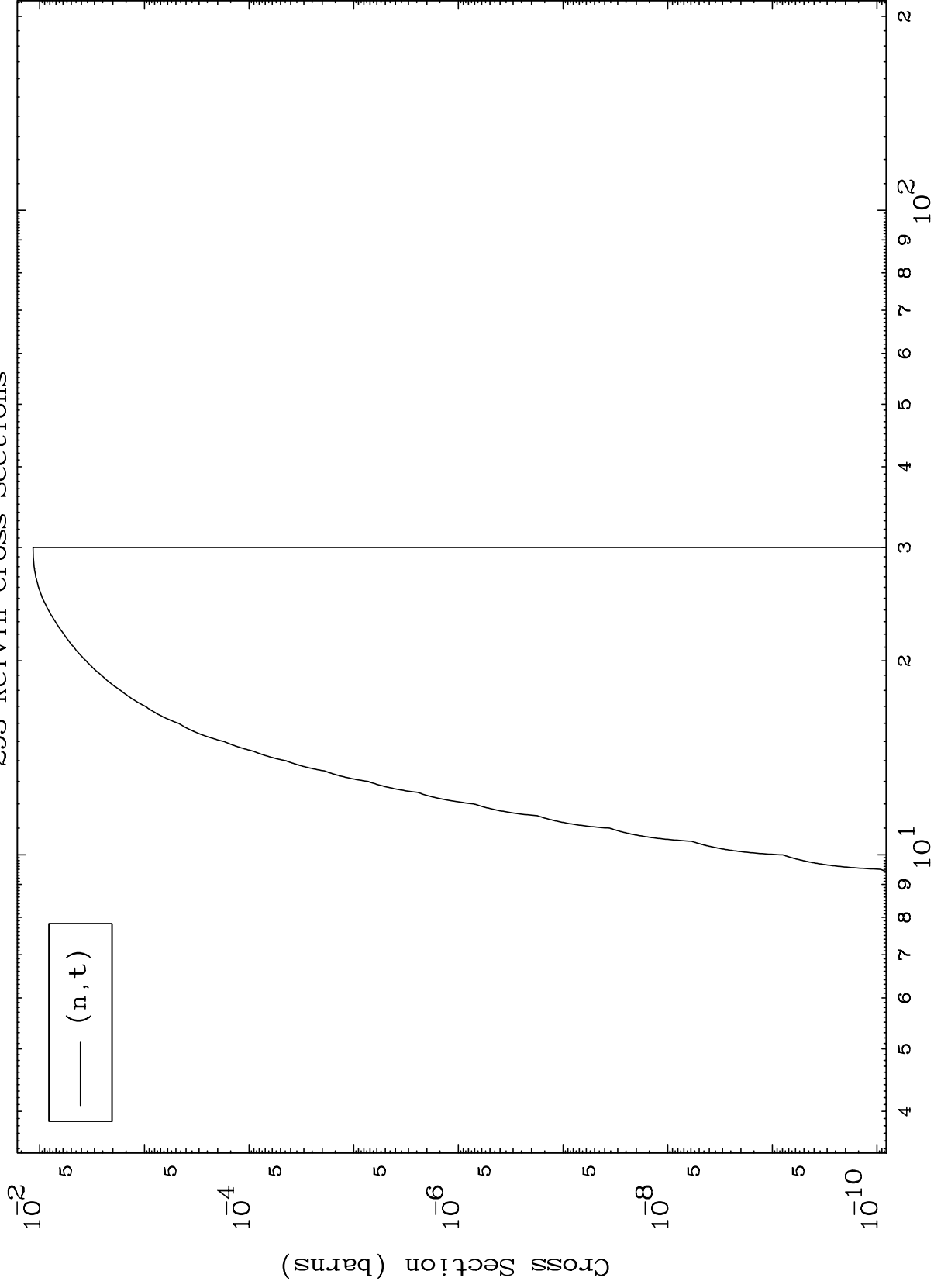
Incident Energy (MeV)

76-Os-179

MAT 7610

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-179



14

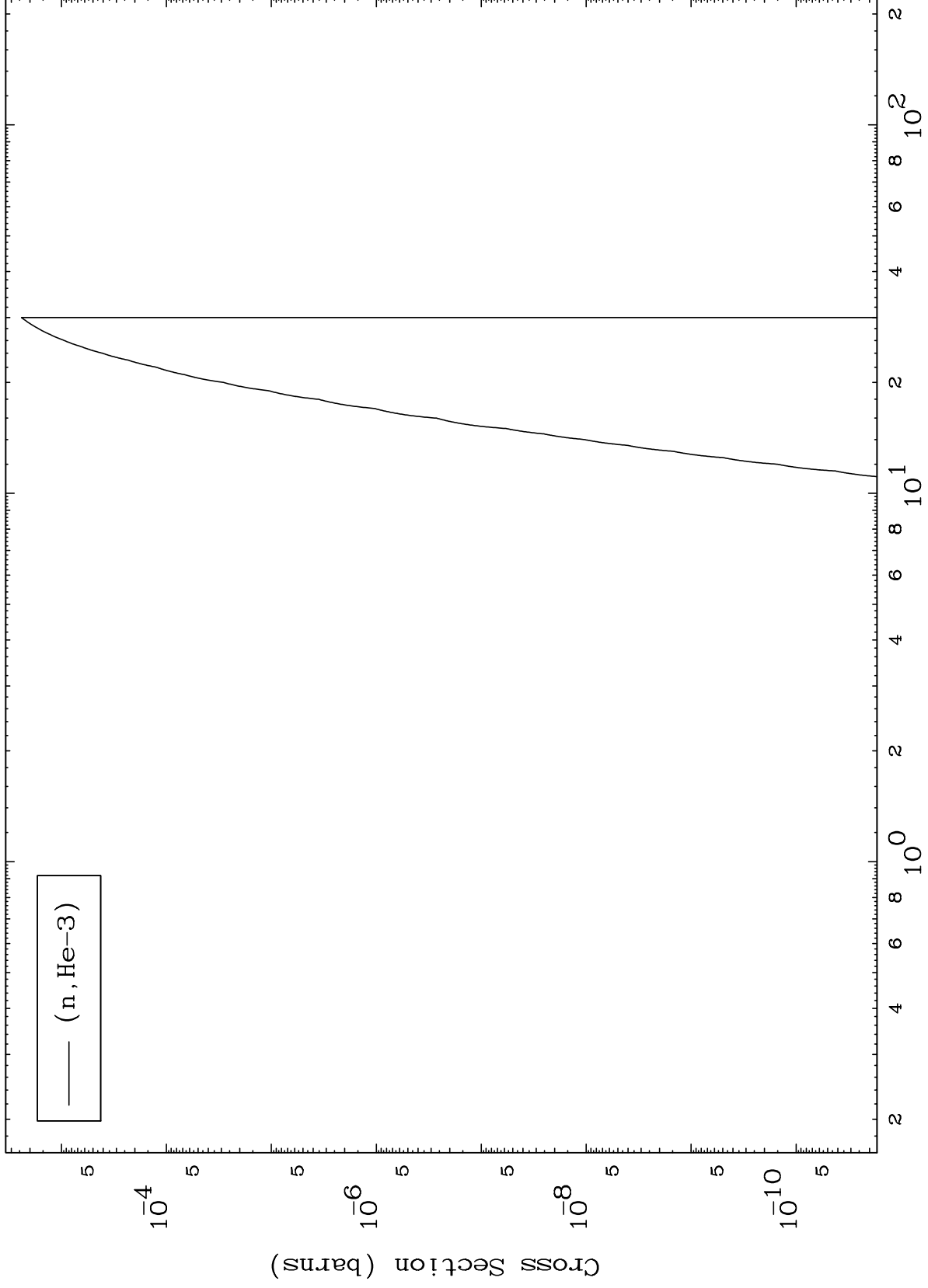
Incident Energy (MeV)

76-Os-179

MAT 7610

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-179



15

Incident Energy (MeV)

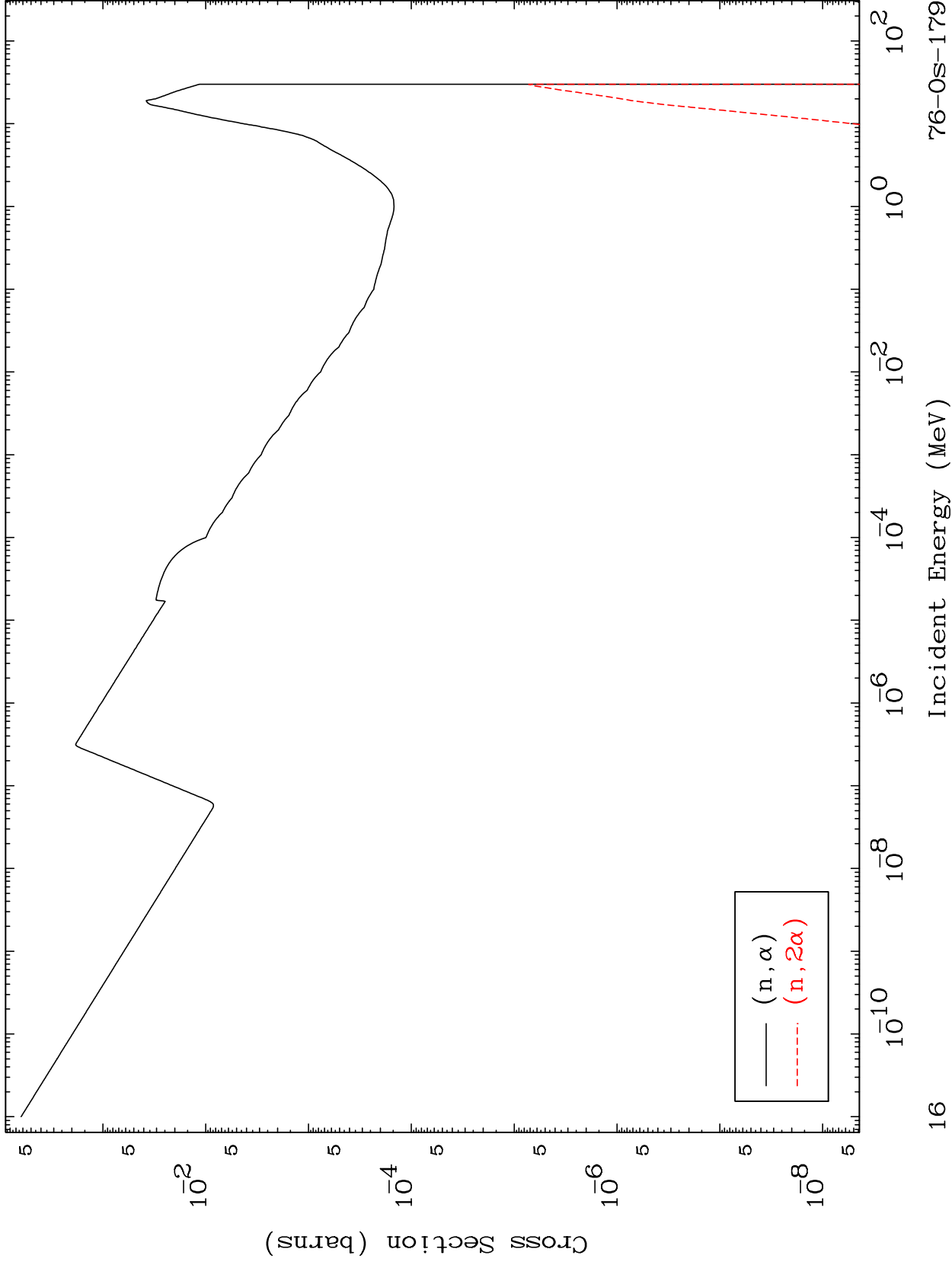
76-Os-179



MAT 7610

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

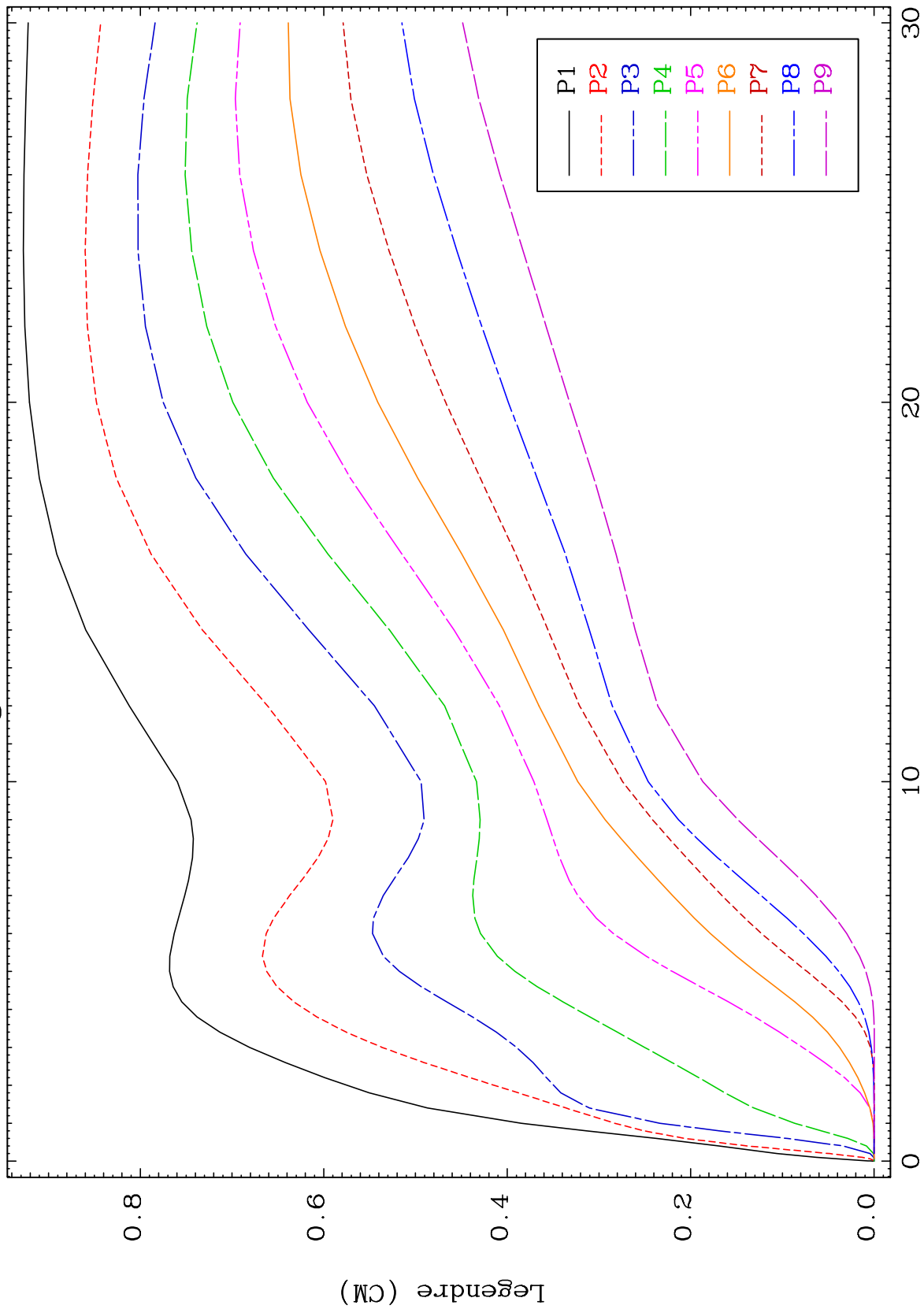
76-Os-179



MAT 7610

Elastic Legendre Coefficients

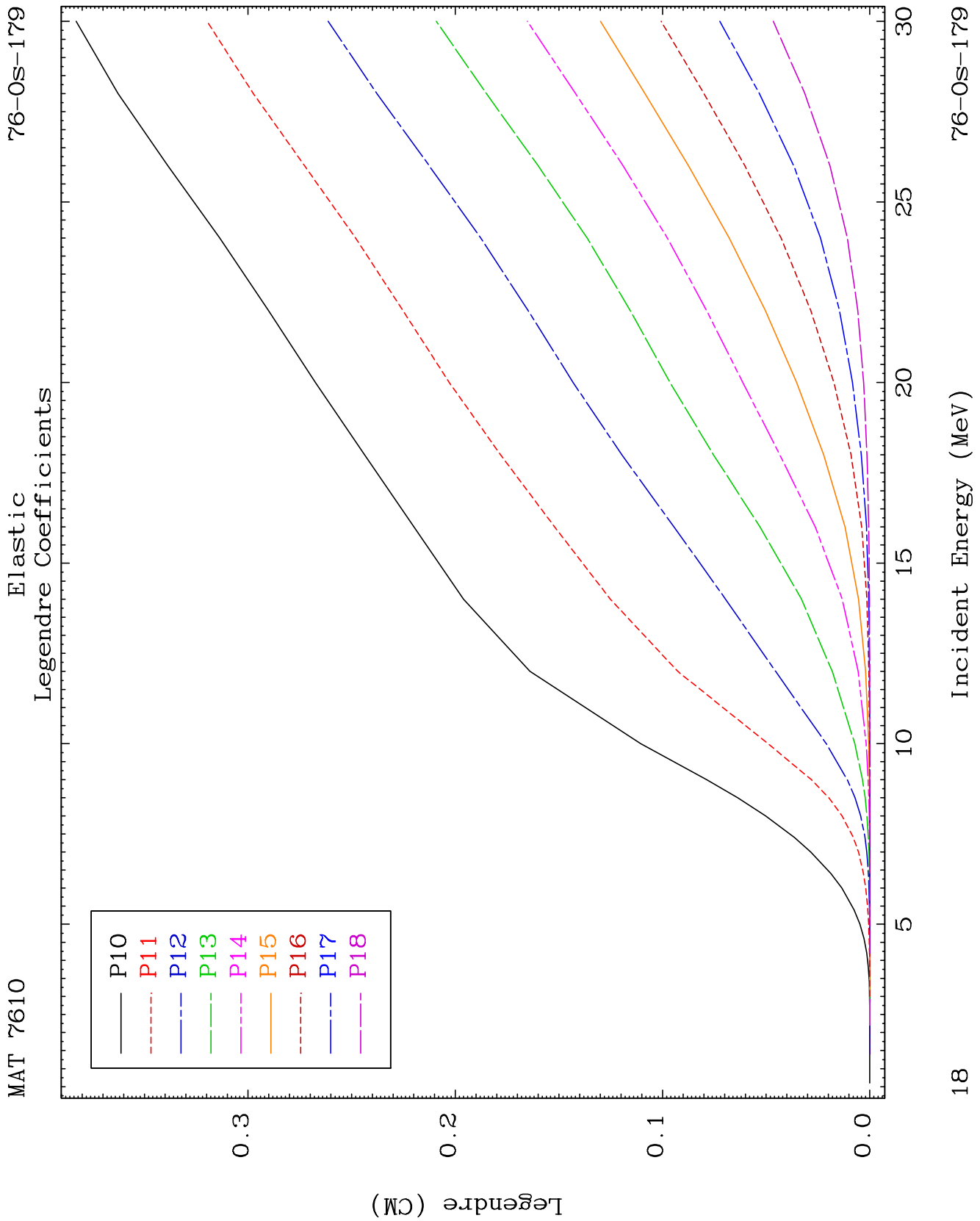
76-Os-179



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Incident Energy (MeV)

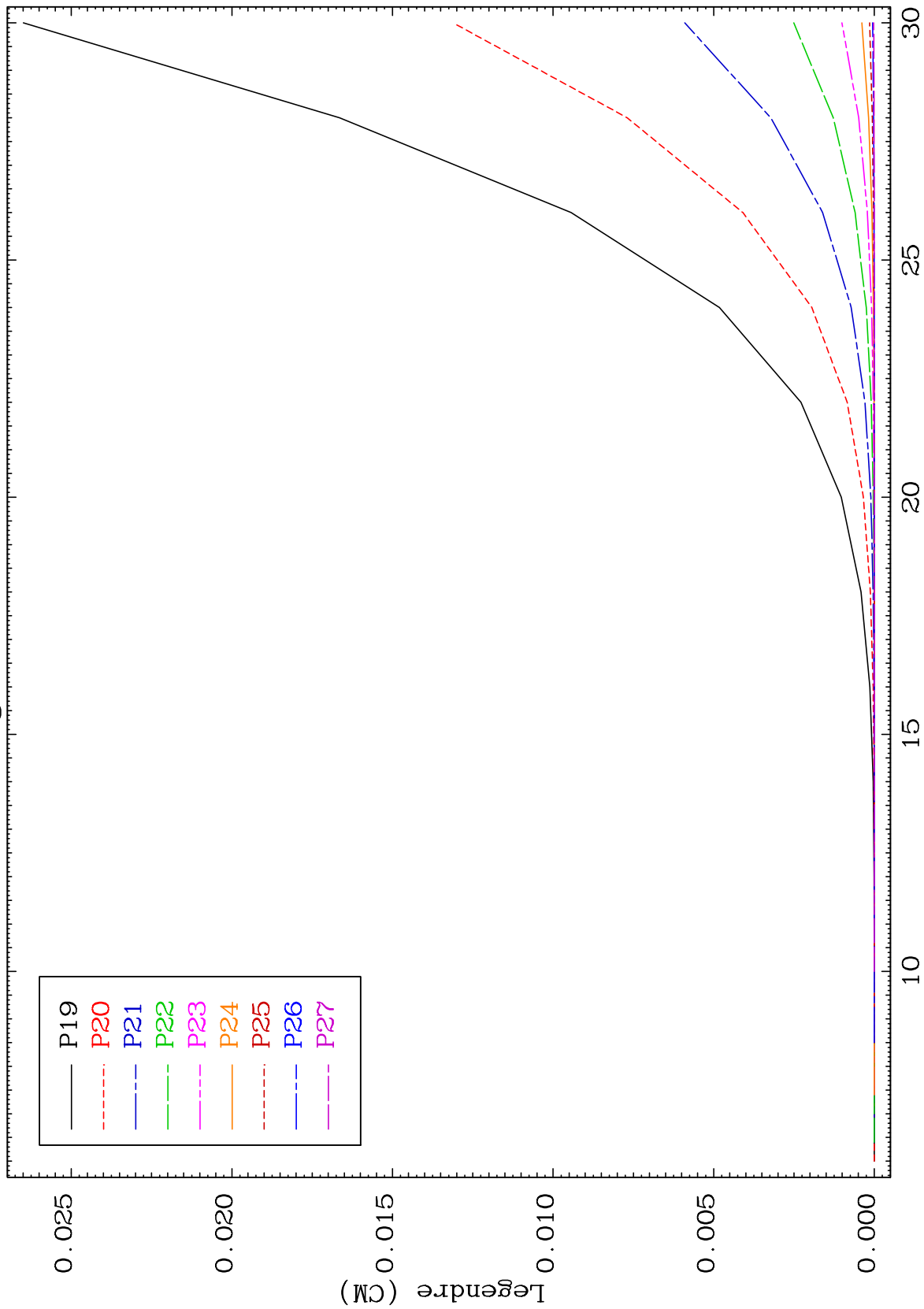
76-Os-179



MAT 7610

### Elastic Legendre Coefficients

76-0s-179



19

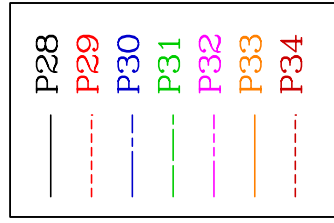
Incident Energy (MeV)

76-0s-179

MAT 7610

Elastic  
Legendre Coefficients

76-0s-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

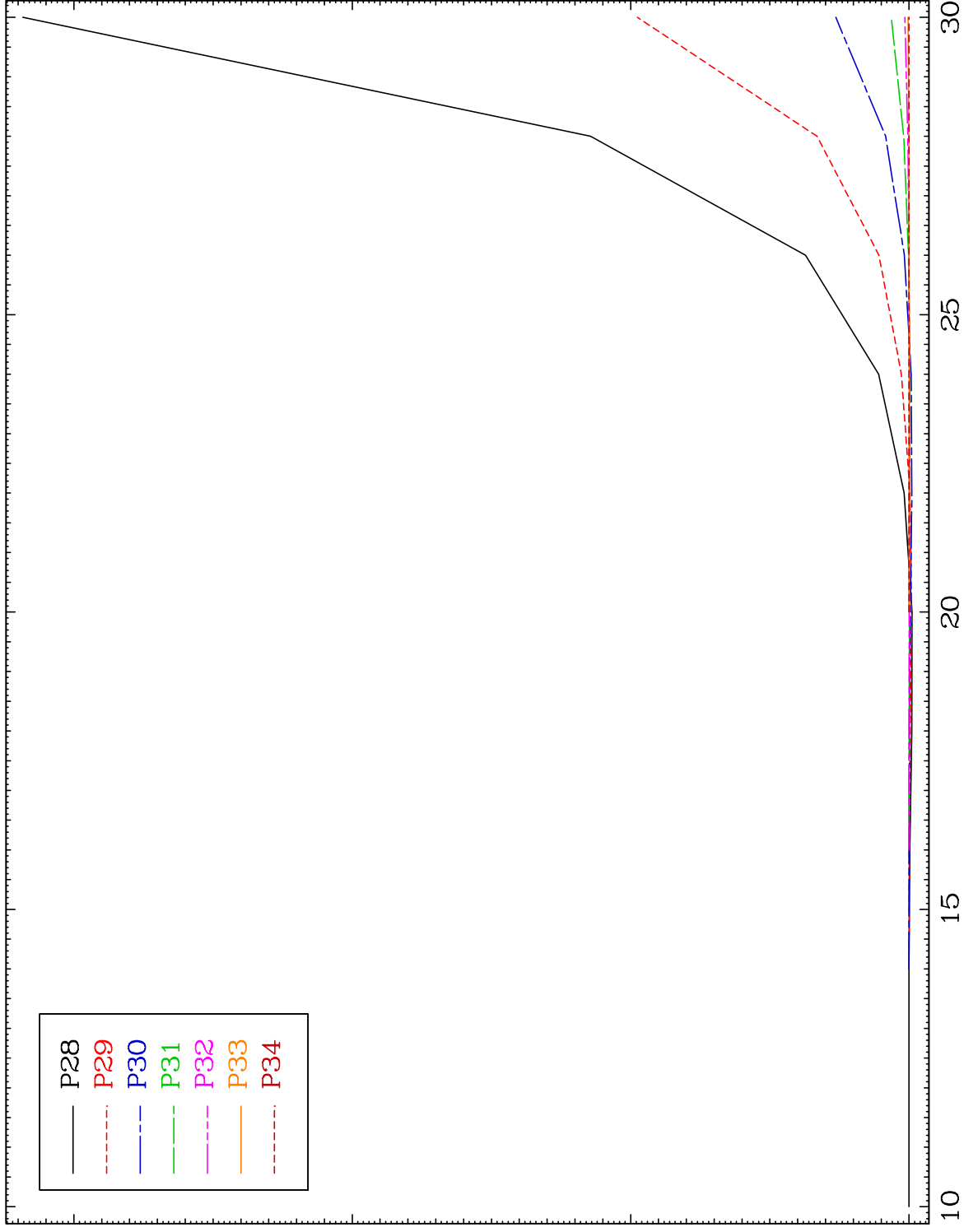
25

30

20

Incident Energy (MeV)

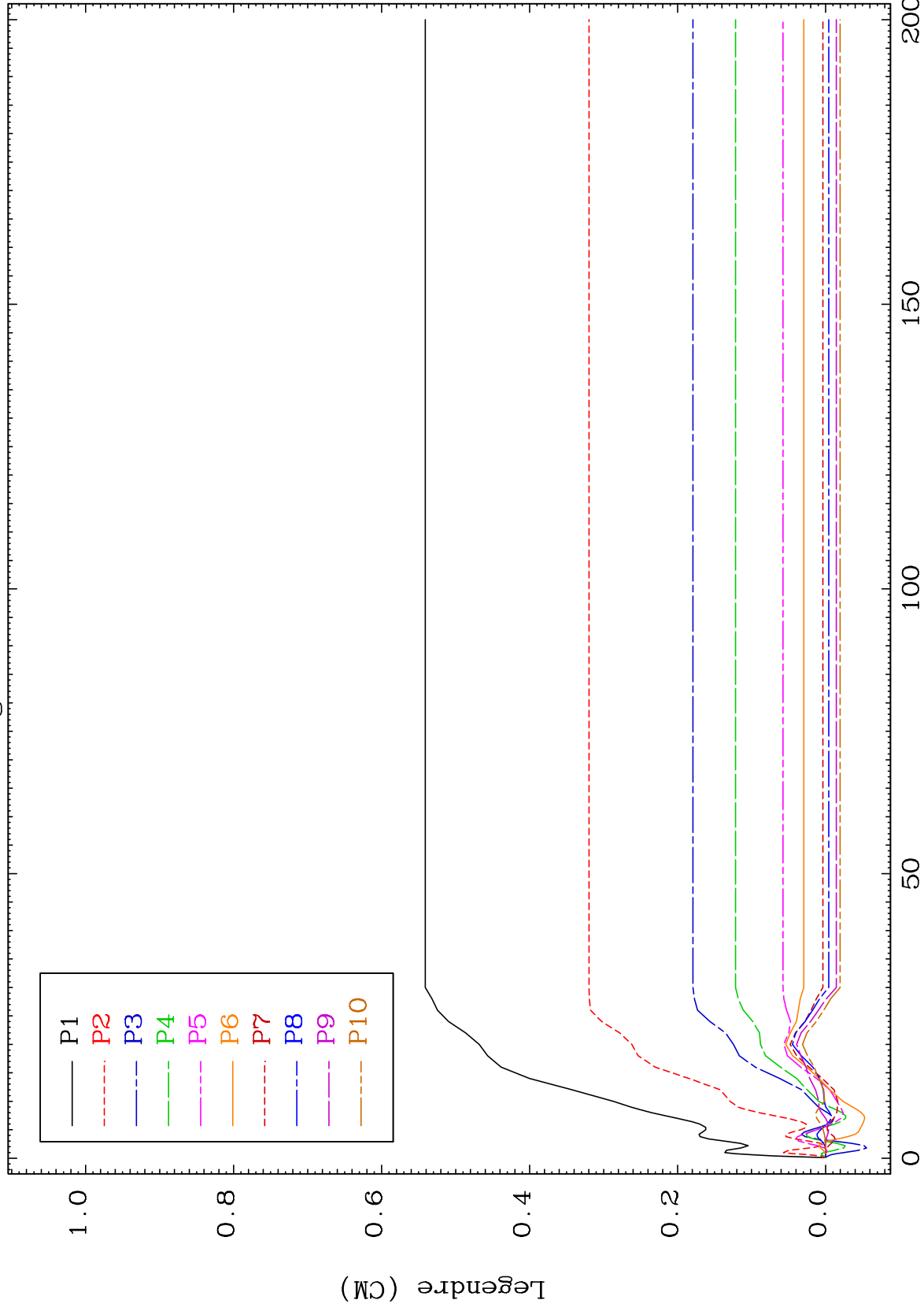
76-0s-179



MAT 7610

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

76-Os-179



21

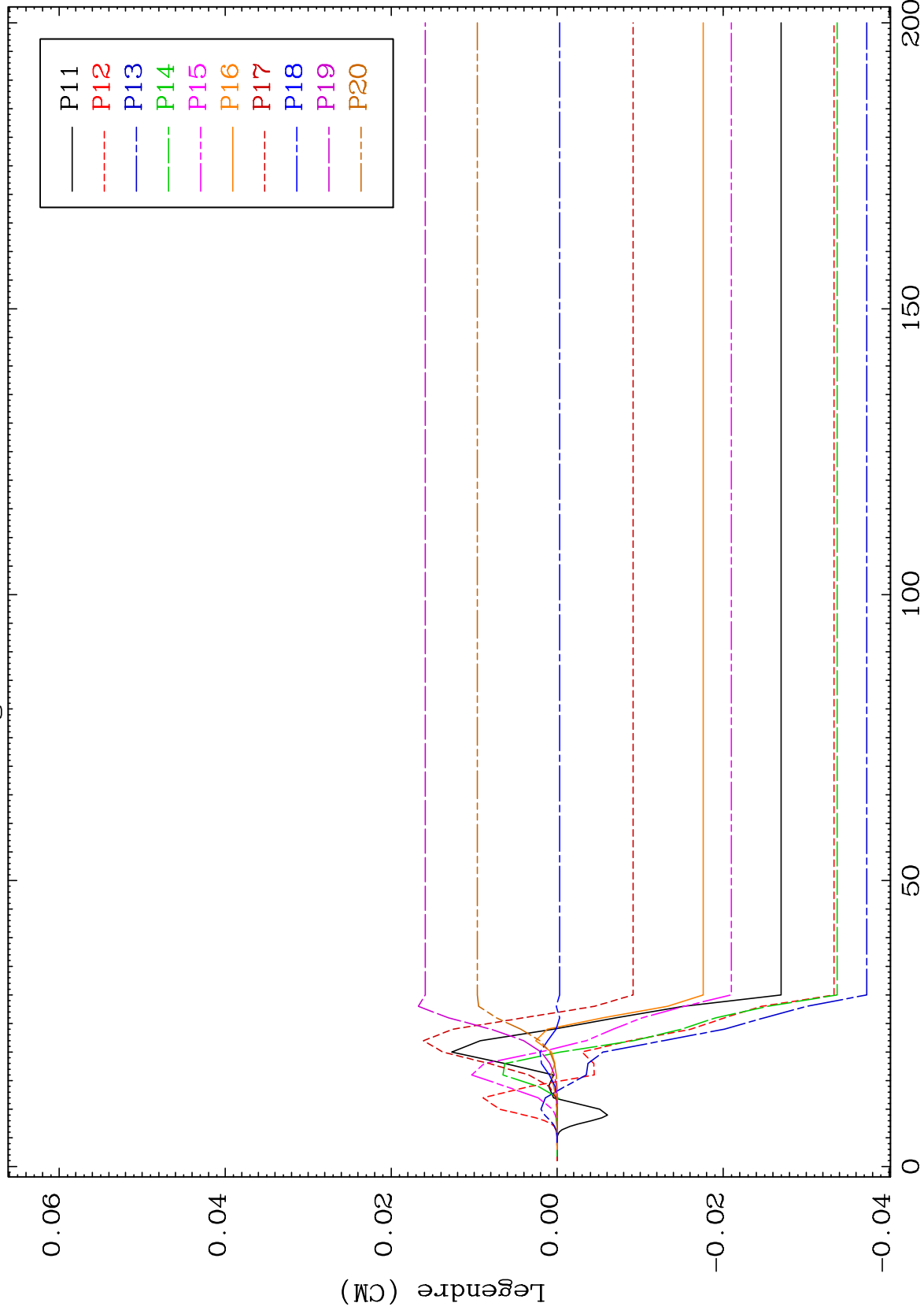
Incident Energy (MeV)

76-Os-179

MAT 7610

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

76-Os-179



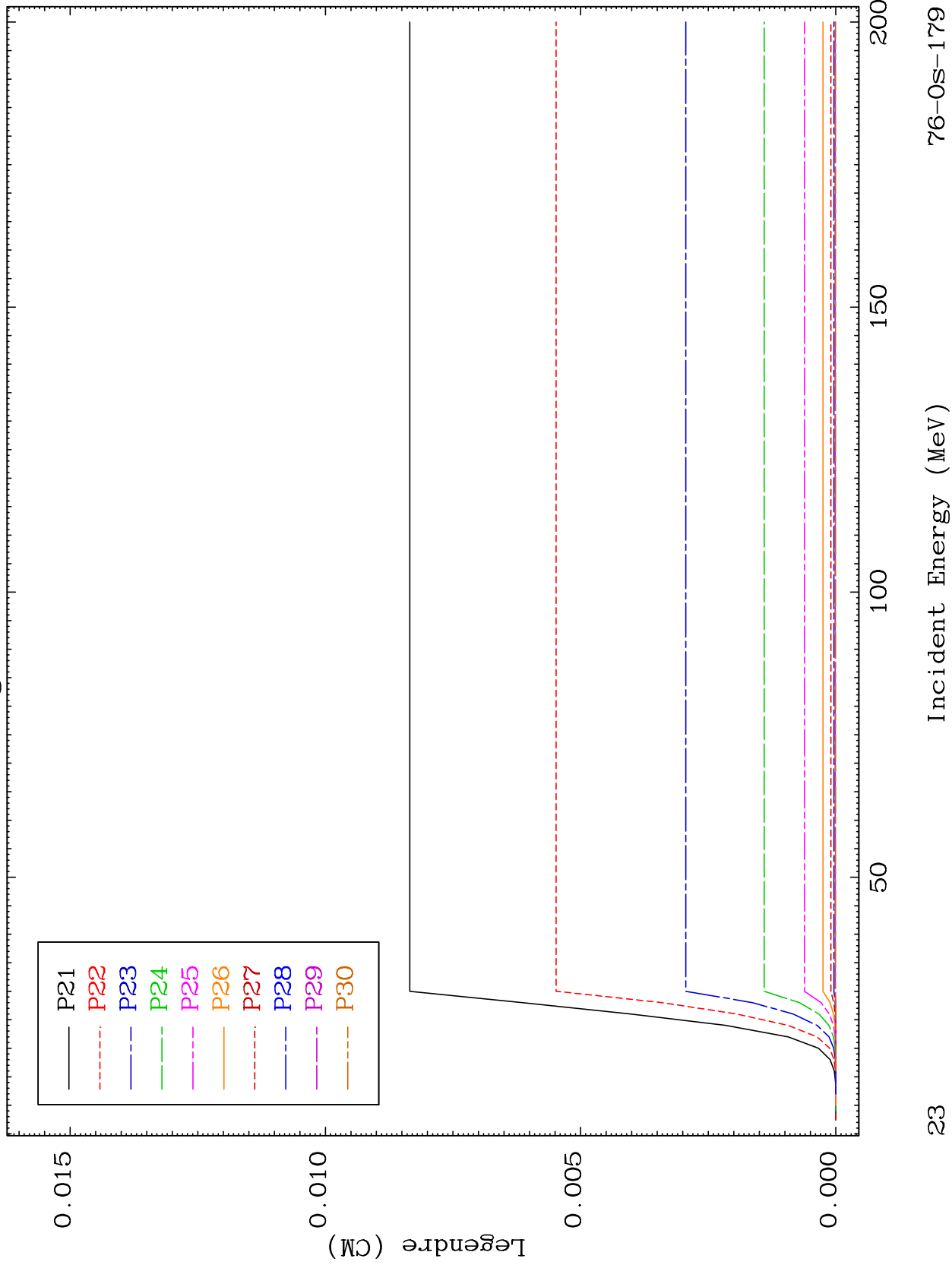
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76-Os-179

MAT 7610

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

76-Os-179

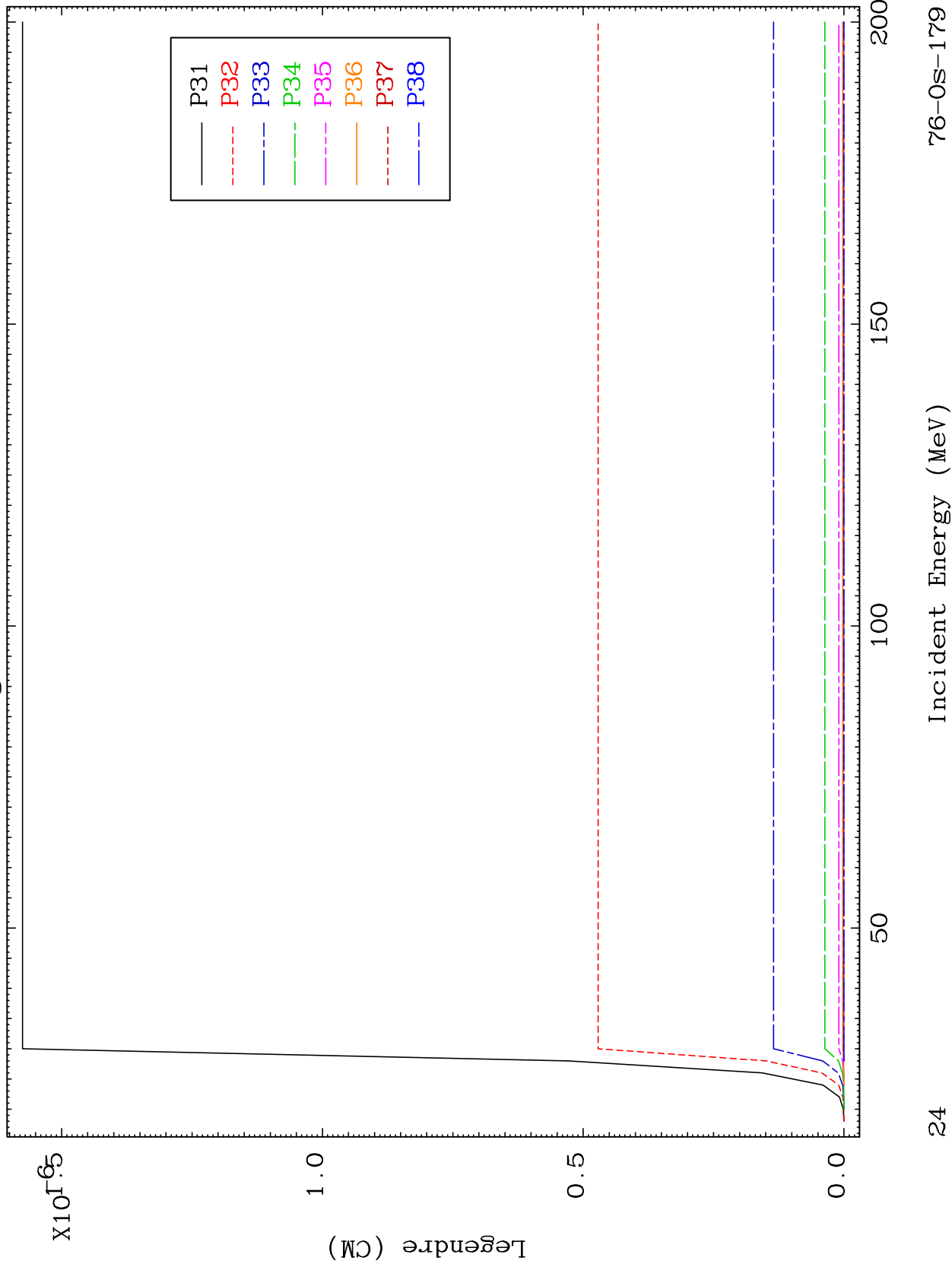




MAT 7610

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

76-Os-179

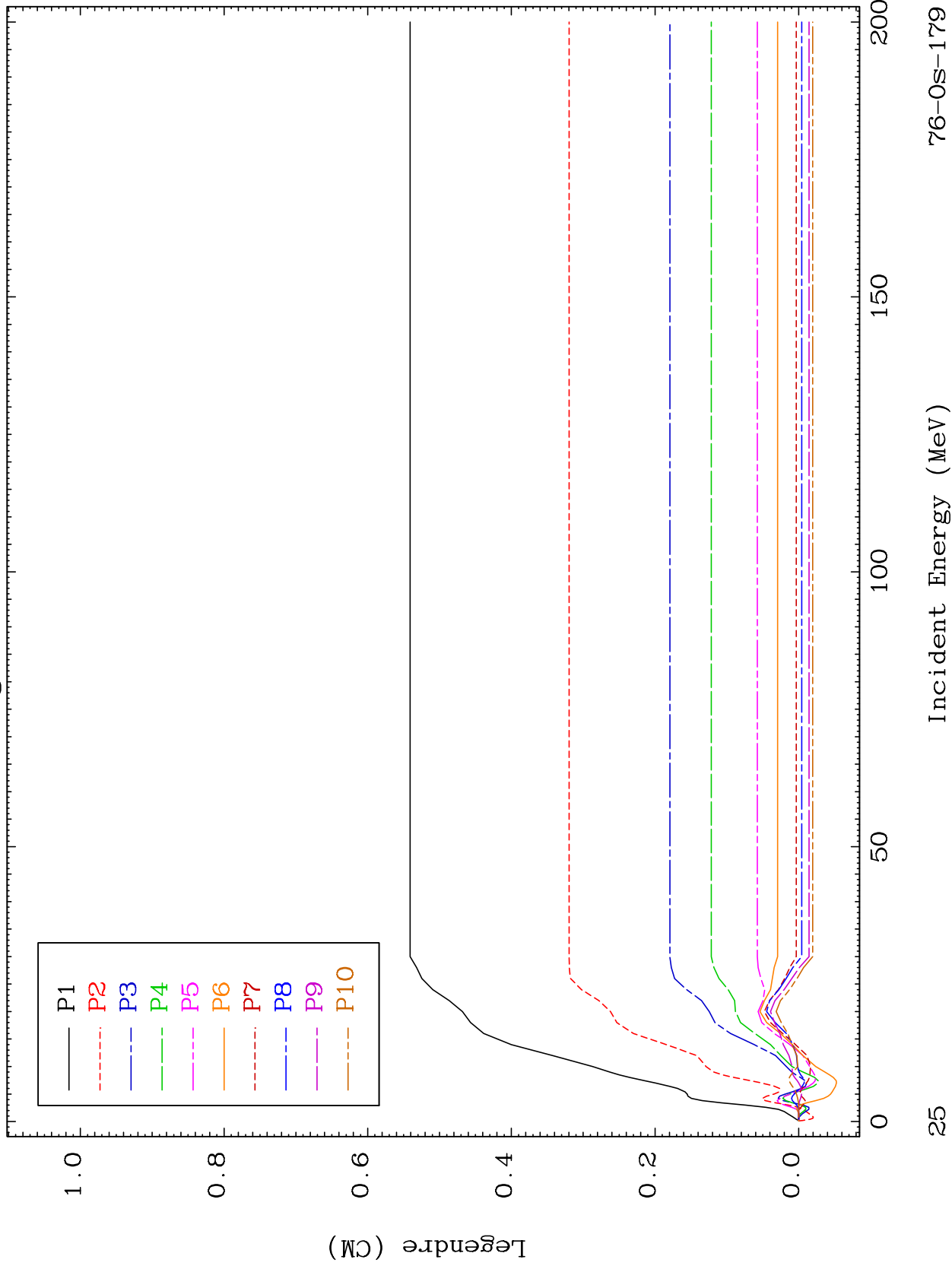


24

MAT 7610

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

76-0s-179



25

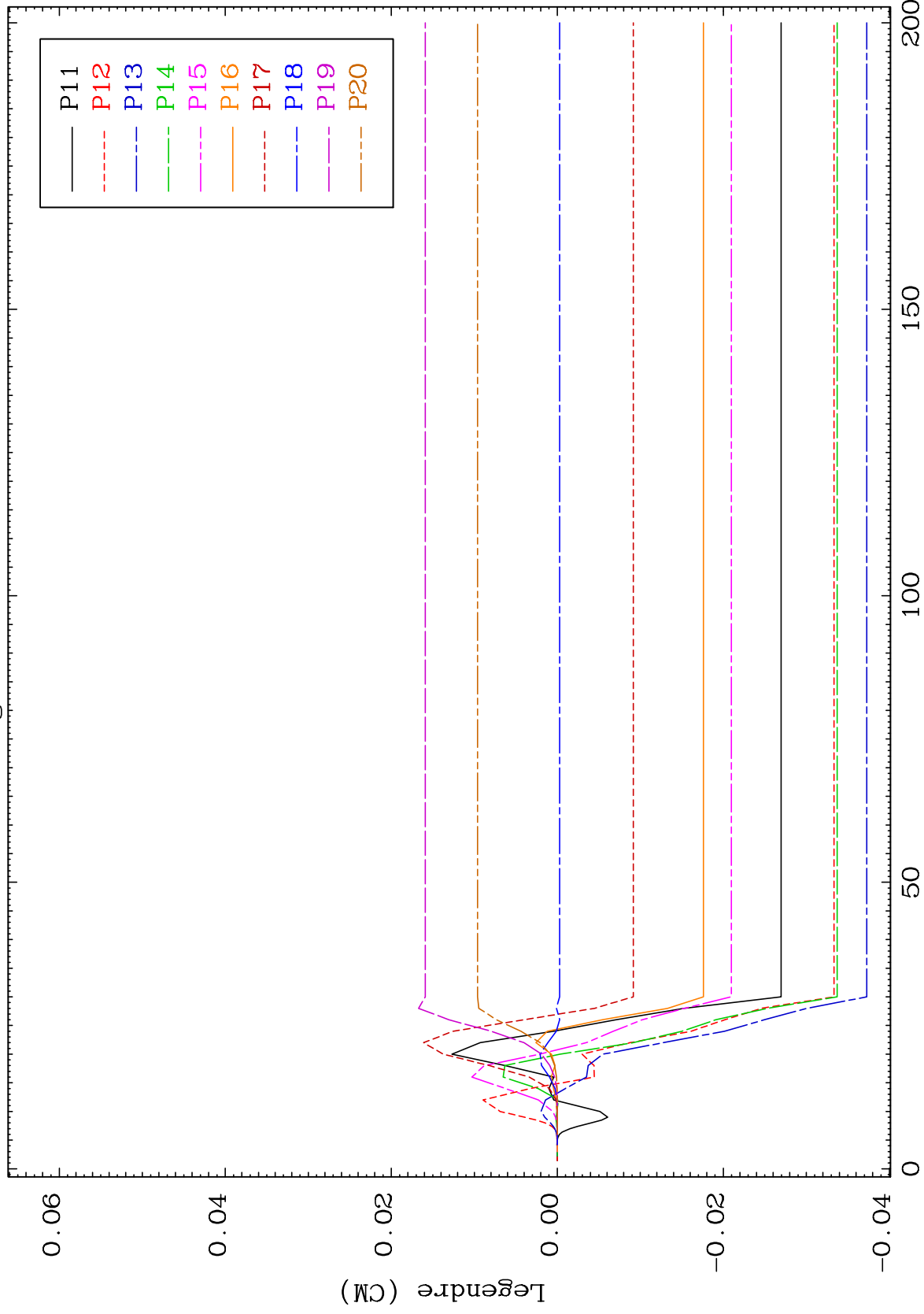
Incident Energy (MeV)

76-0s-179

MAT 7610

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

76-Os-179



26

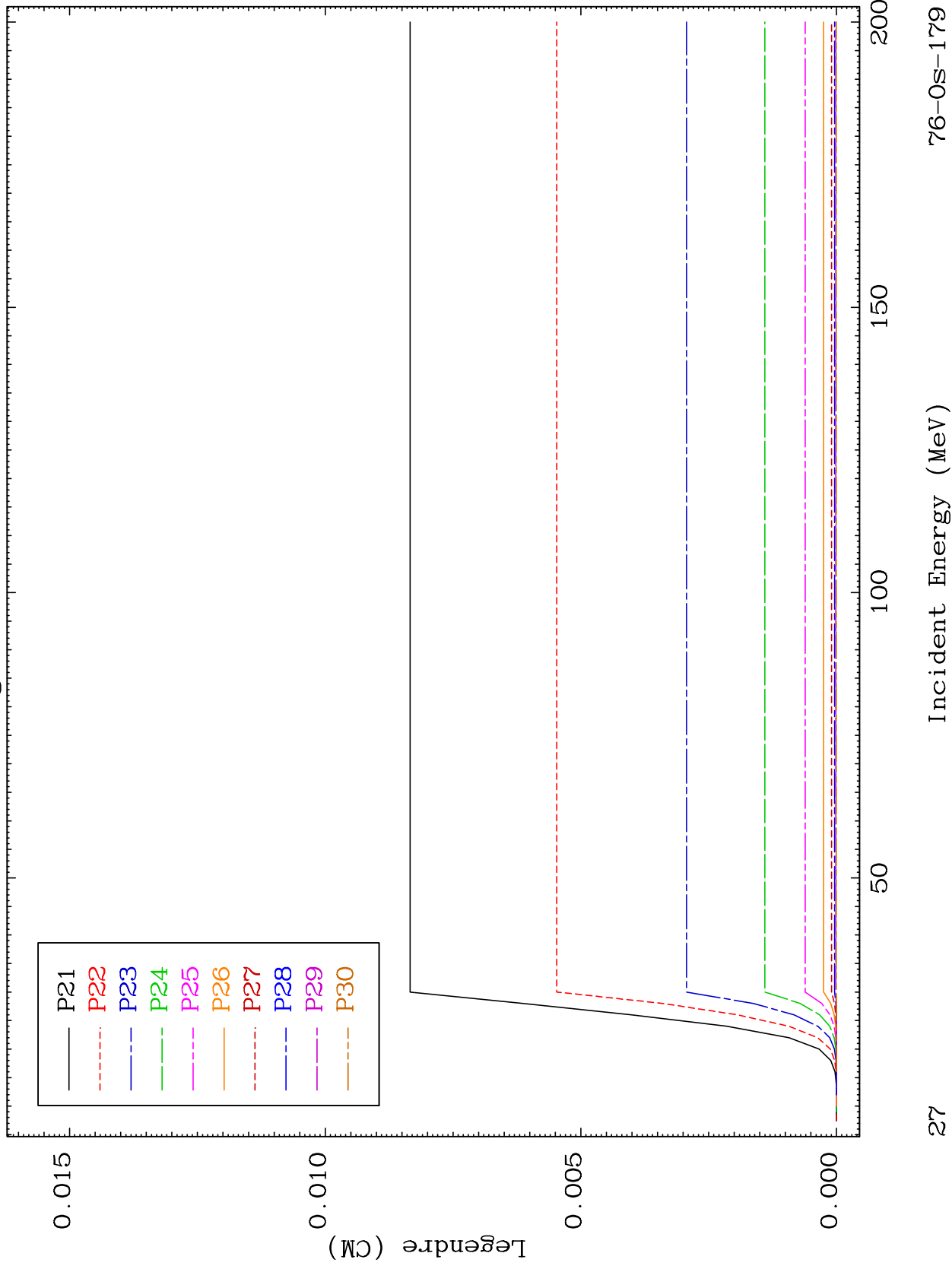
Incident Energy (MeV)

76-Os-179

MAT 7610

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

76-0s-179

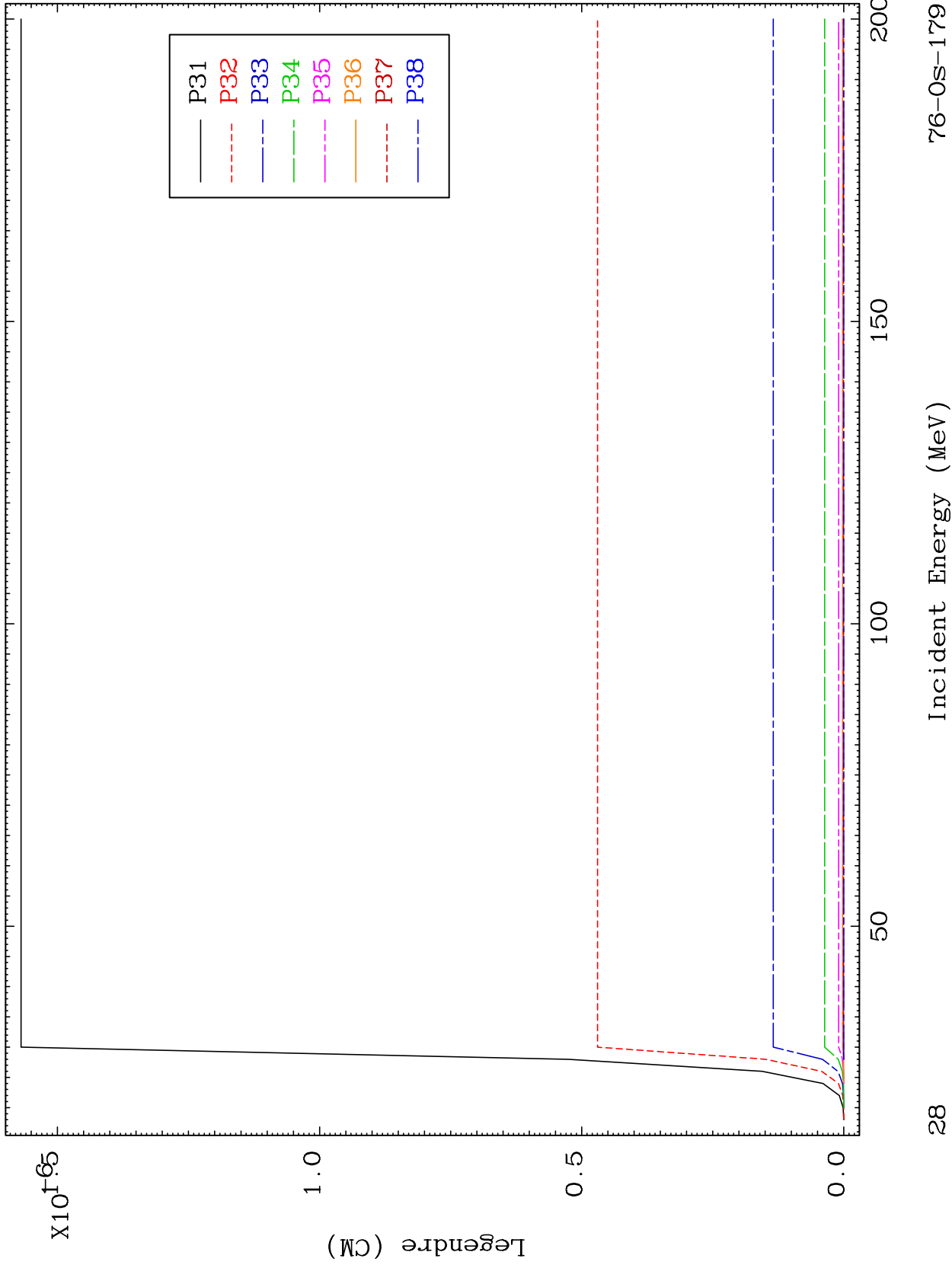


27

MAT 7610

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

76-Os-179



28

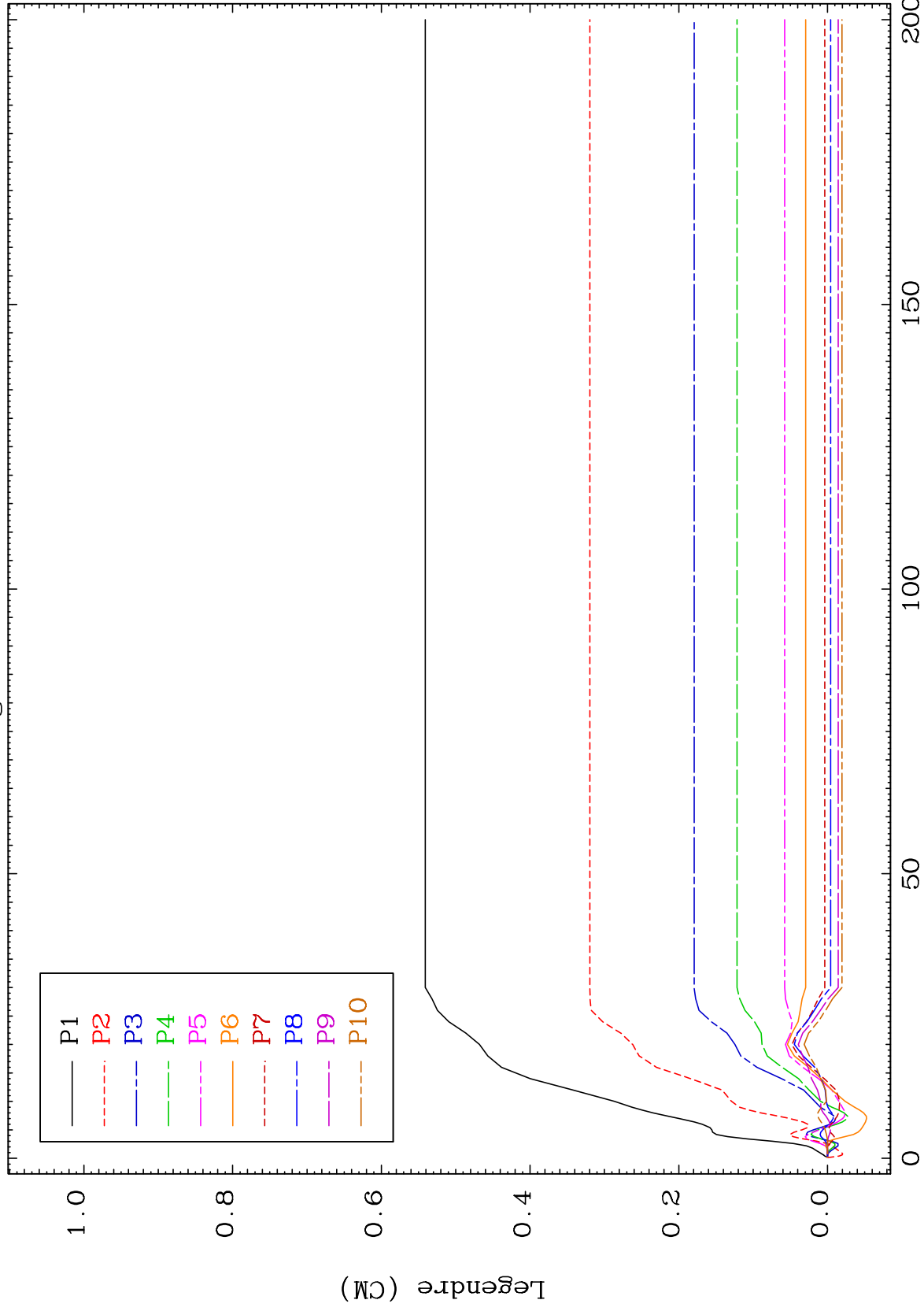
Incident Energy (MeV)

76-Os-179

MAT 7610

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

76-0s-179



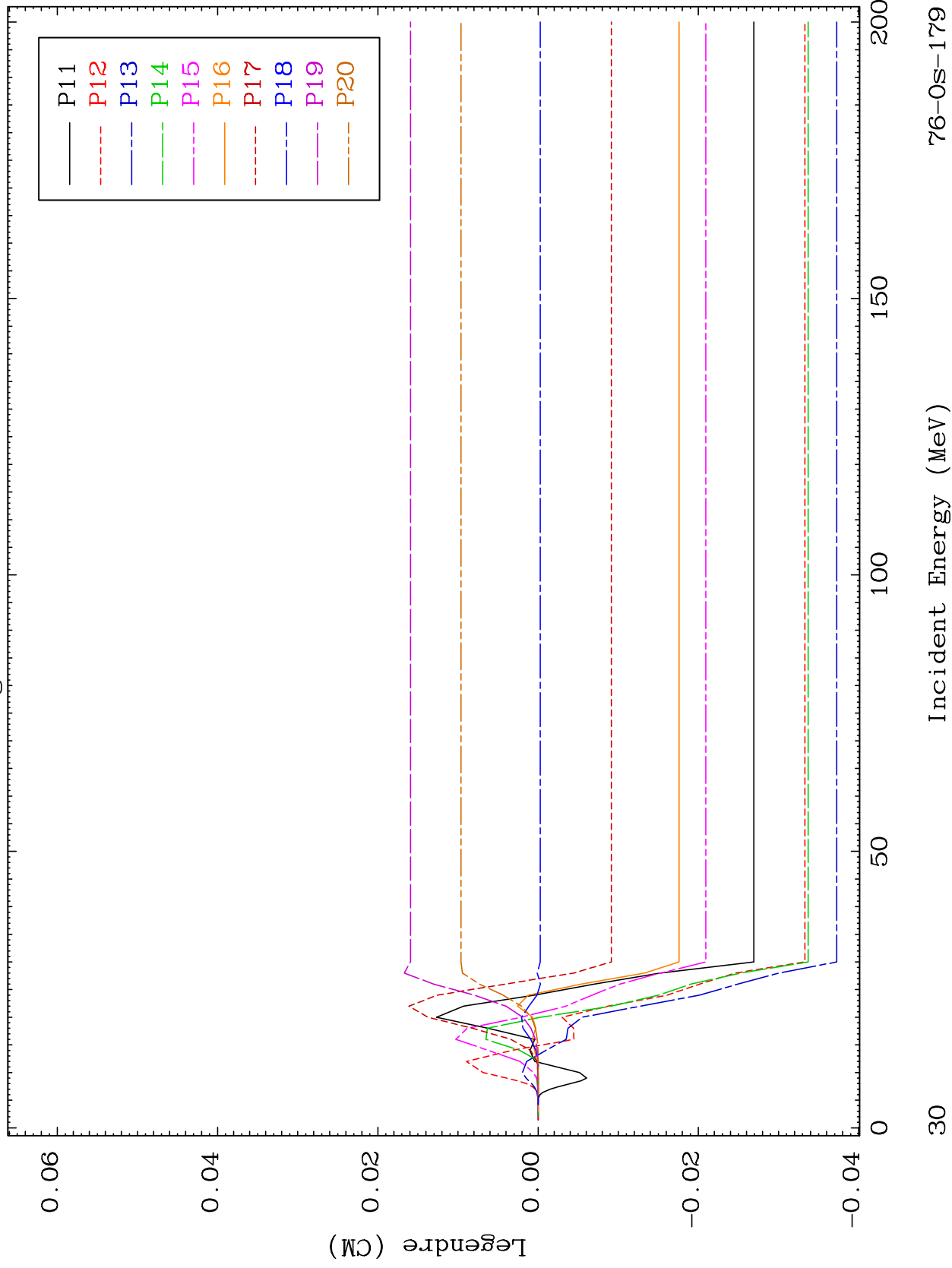
29

76-0s-179

MAT 7610

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

76-Os-179



76-Os-179

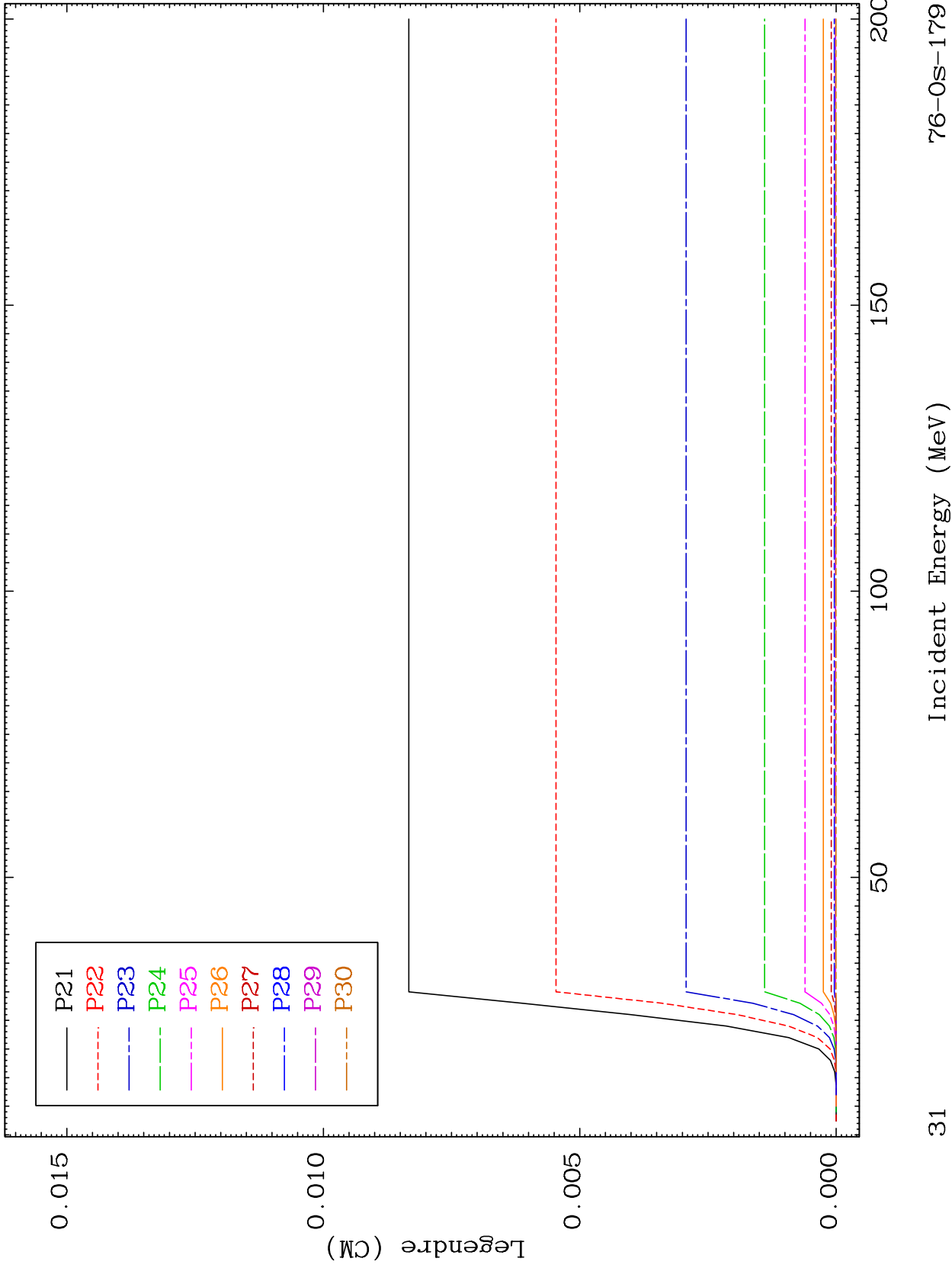
Incident Energy (MeV)

30

MAT 7610

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

76-Os-179

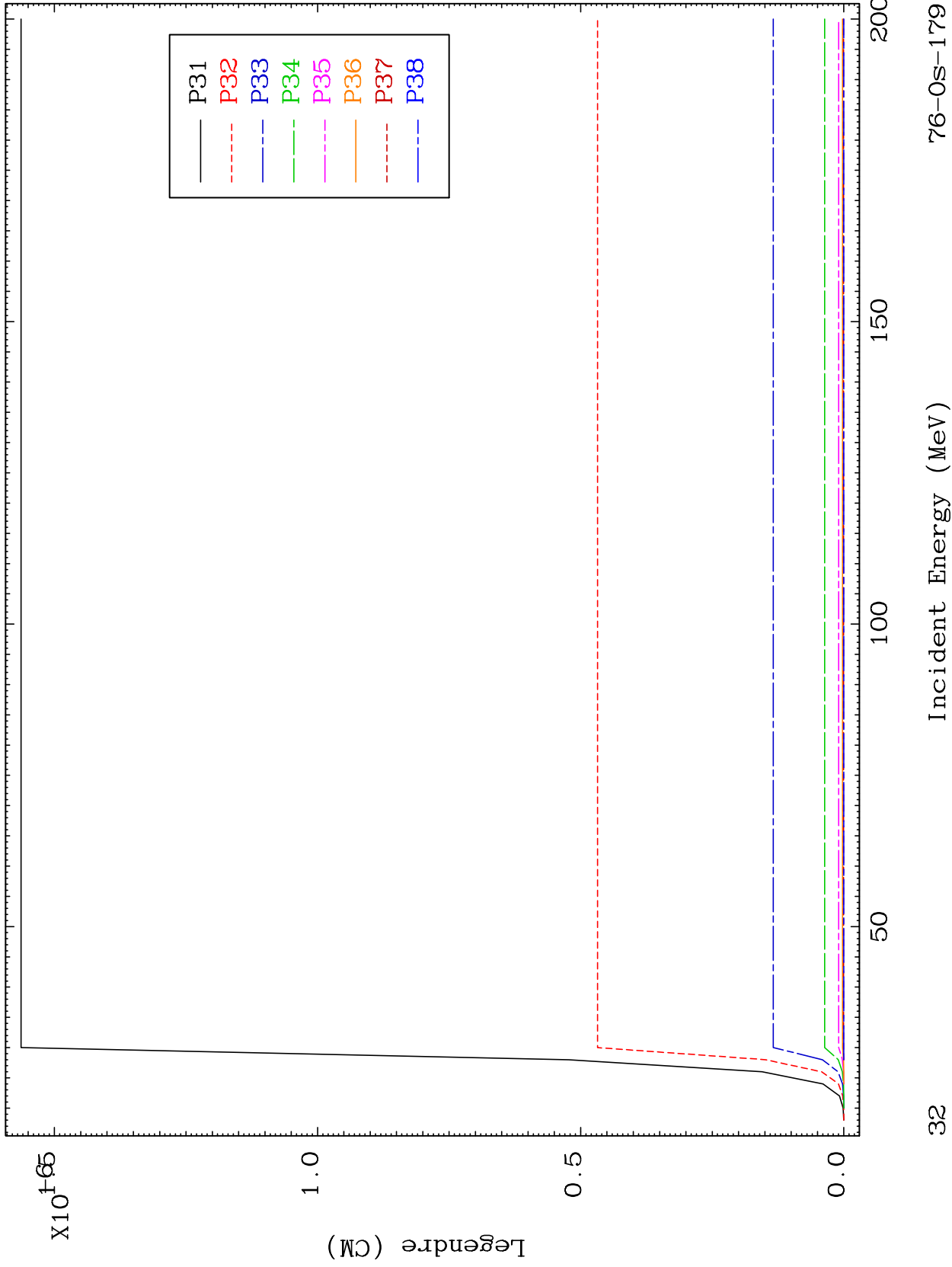




MAT 7610

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

76-Os-179

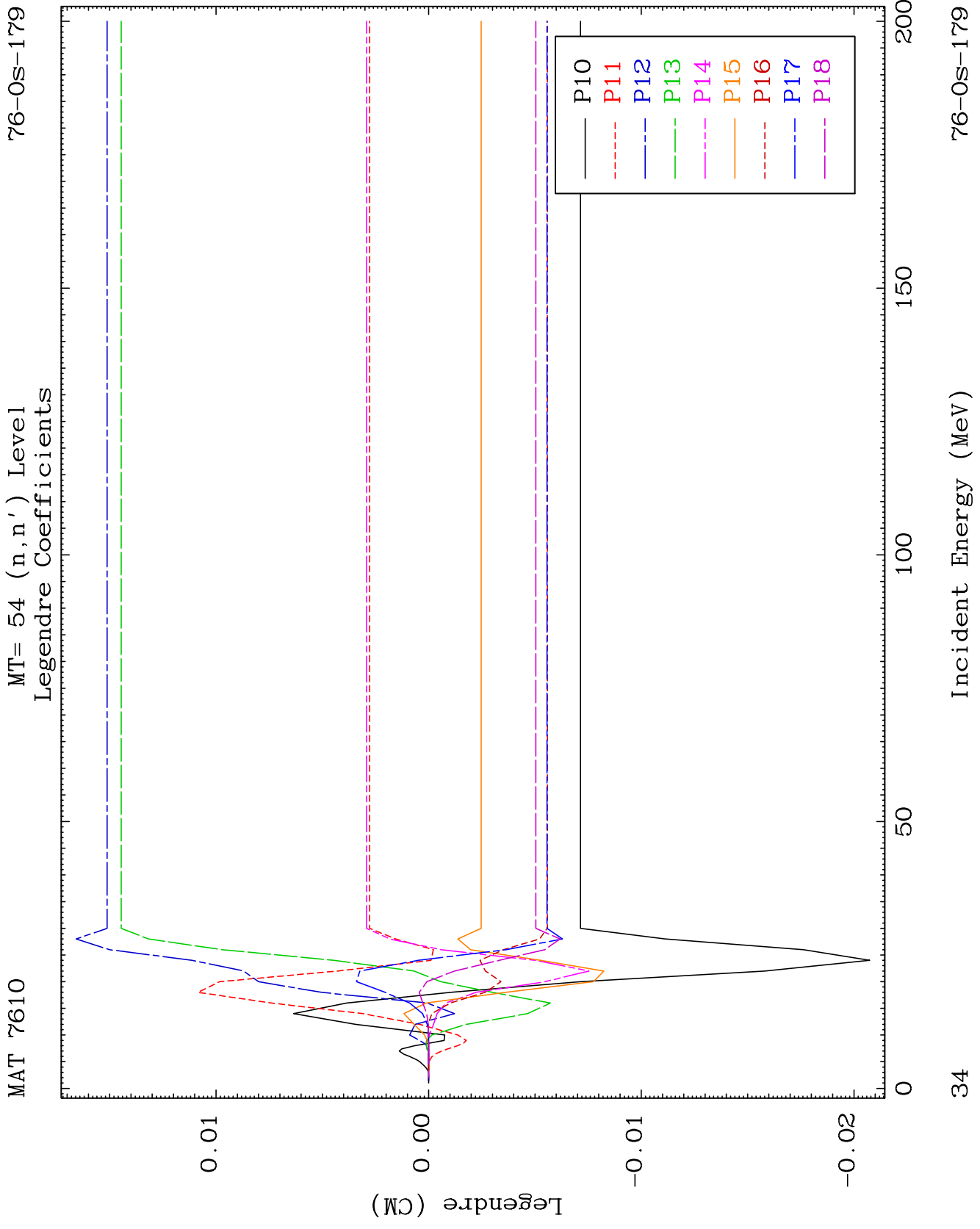


32

Incident Energy (MeV)

76-Os-179

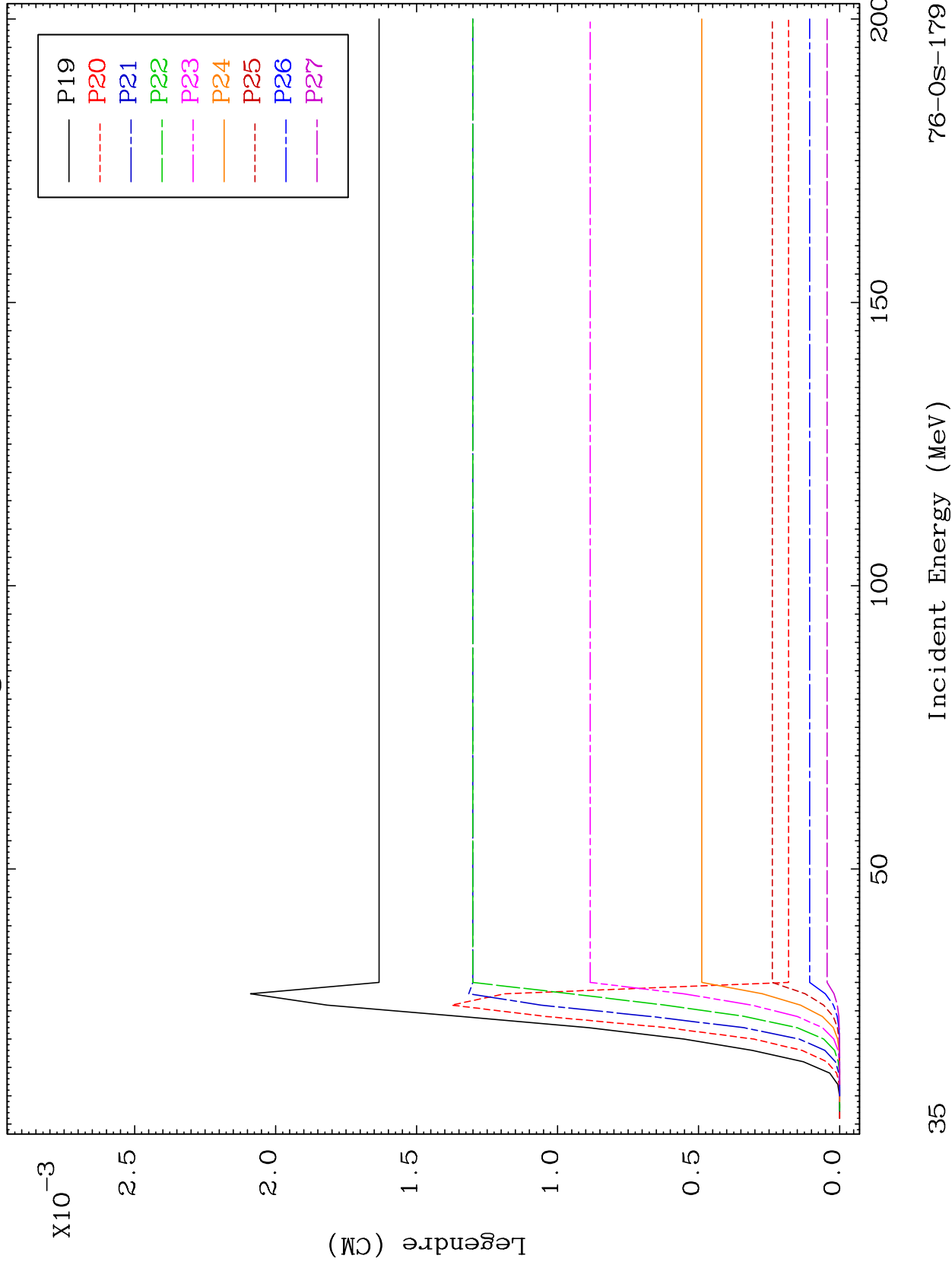




MAT 7610

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

76-Os-179



35

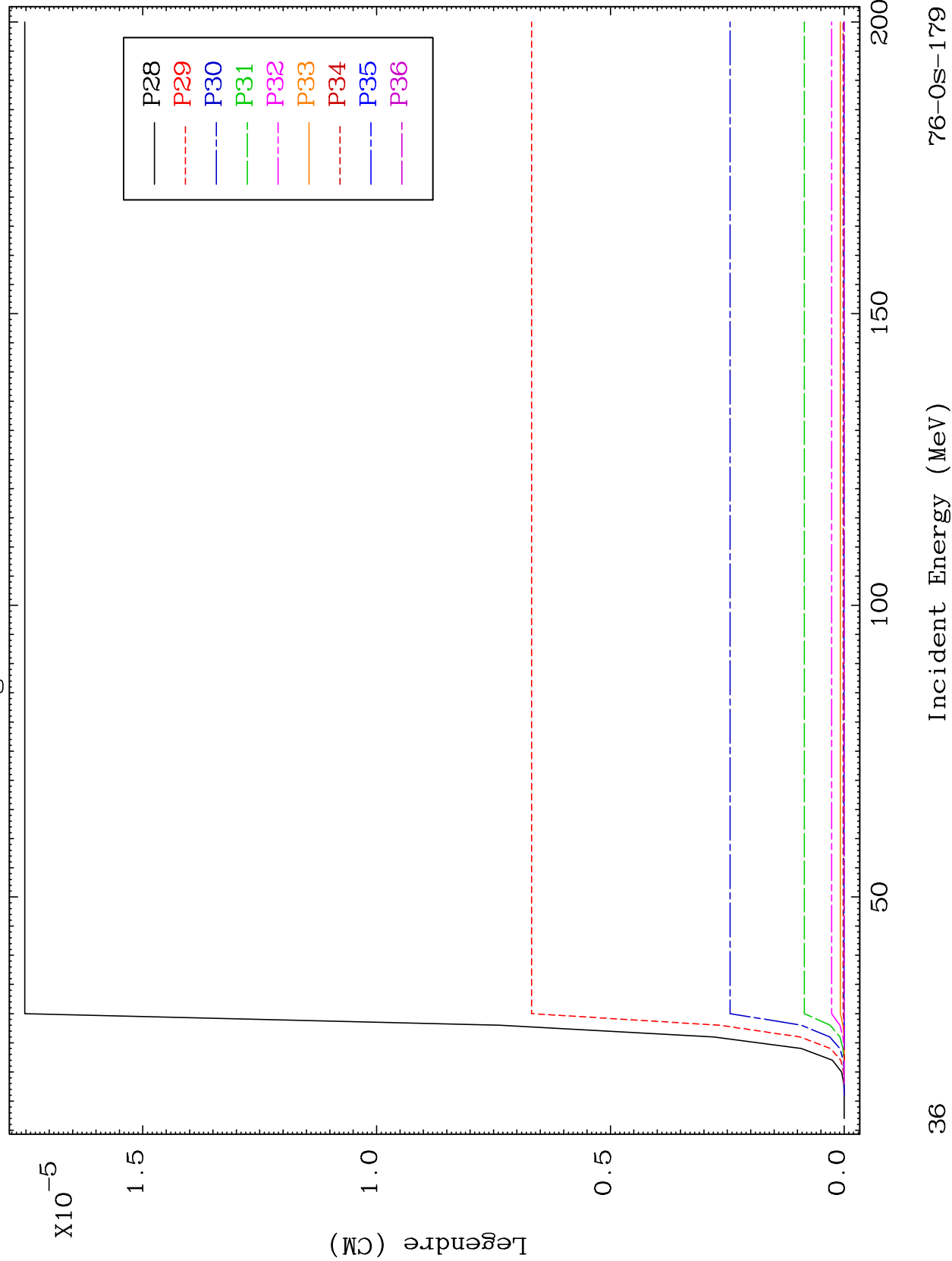
Incident Energy (MeV)

76-Os-179

MAT 7610

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

76-Os-179



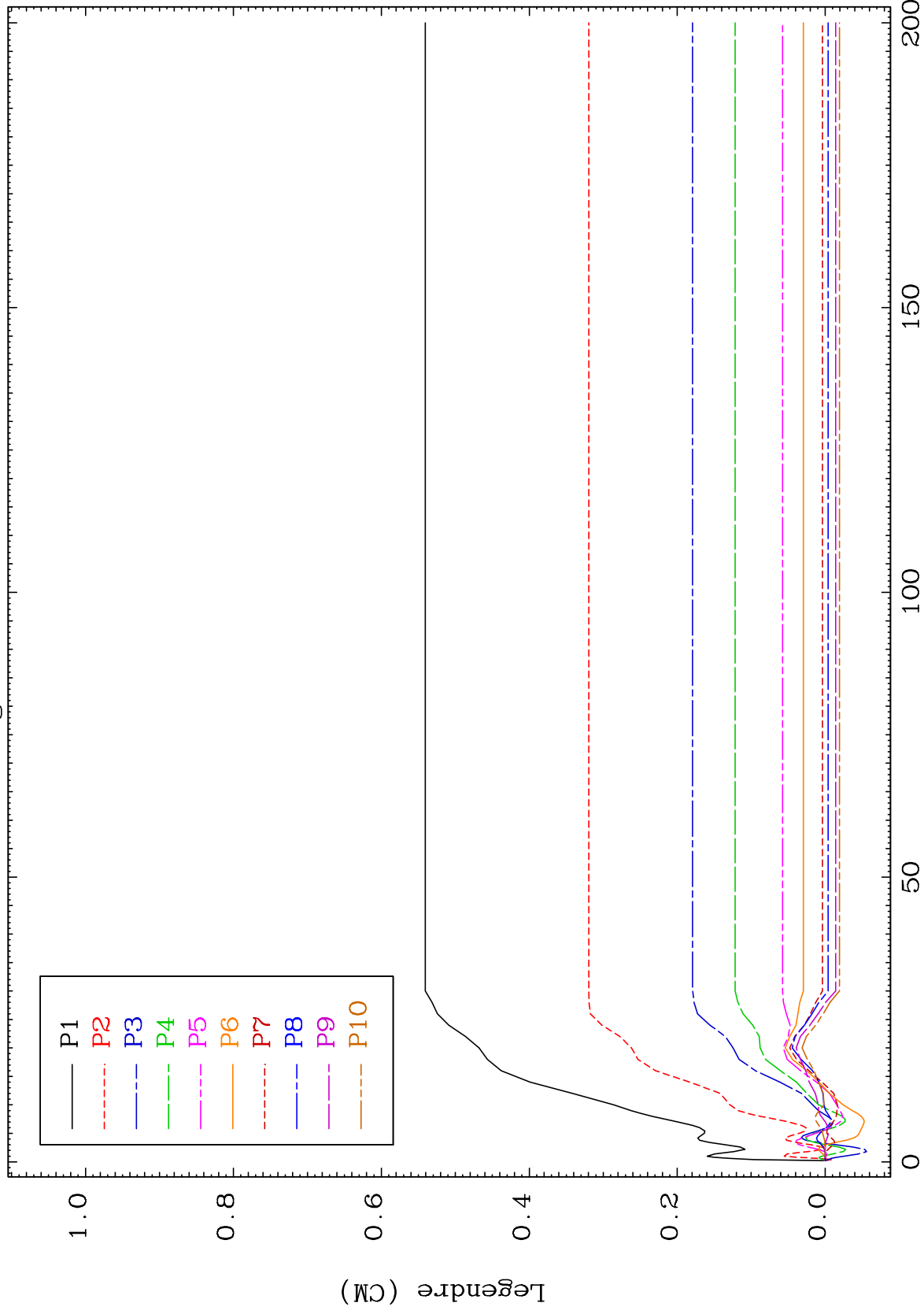
36

76-Os-179

MAT 7610

76-0s-179

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



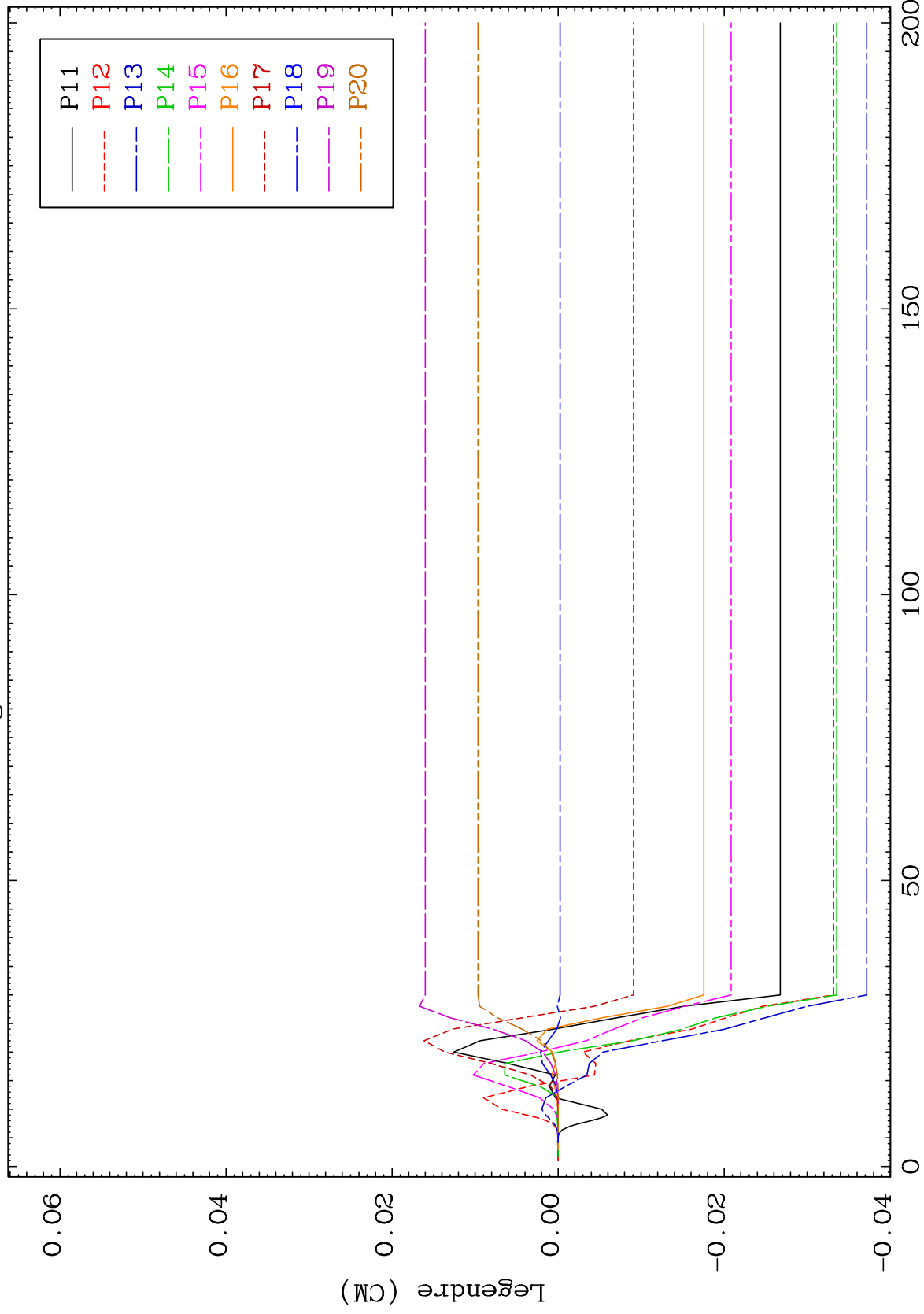
37

76-0s-179

MAT 7610

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

76-Os-179



38

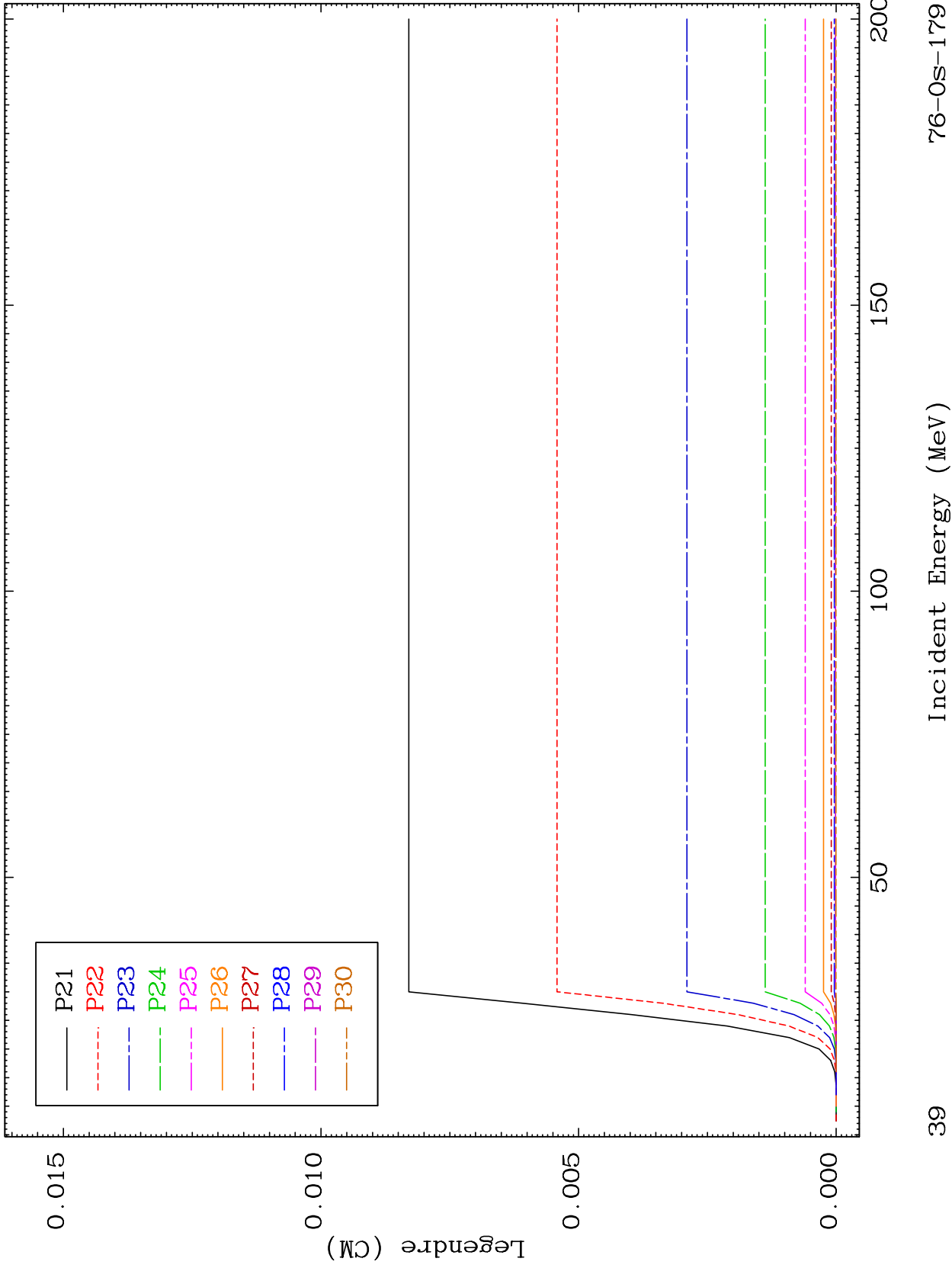
Incident Energy (MeV)

76-Os-179

MAT 7610

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

76-Os-179

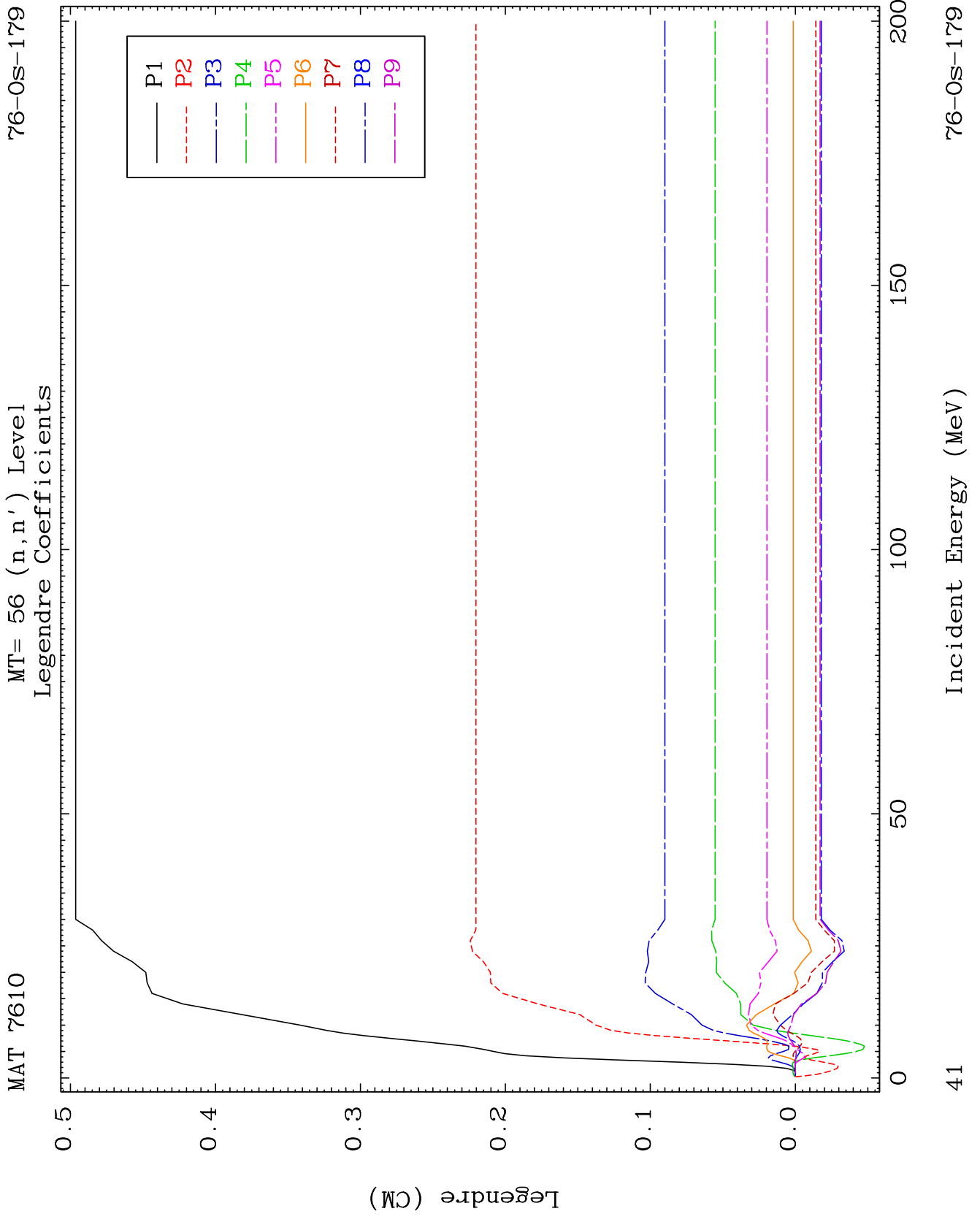


39

76-Os-179



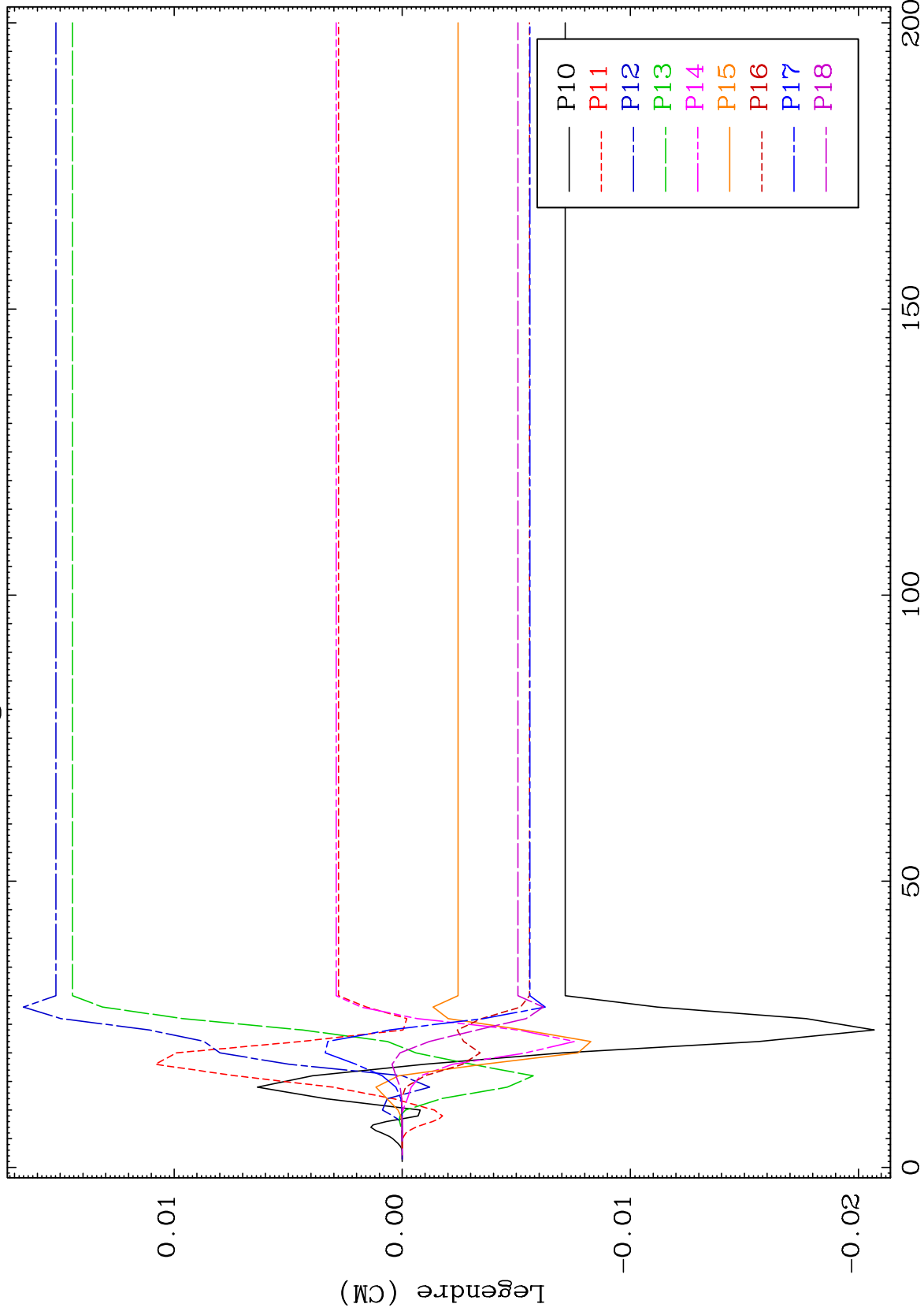




MAT 7610

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

76-0s-179



42

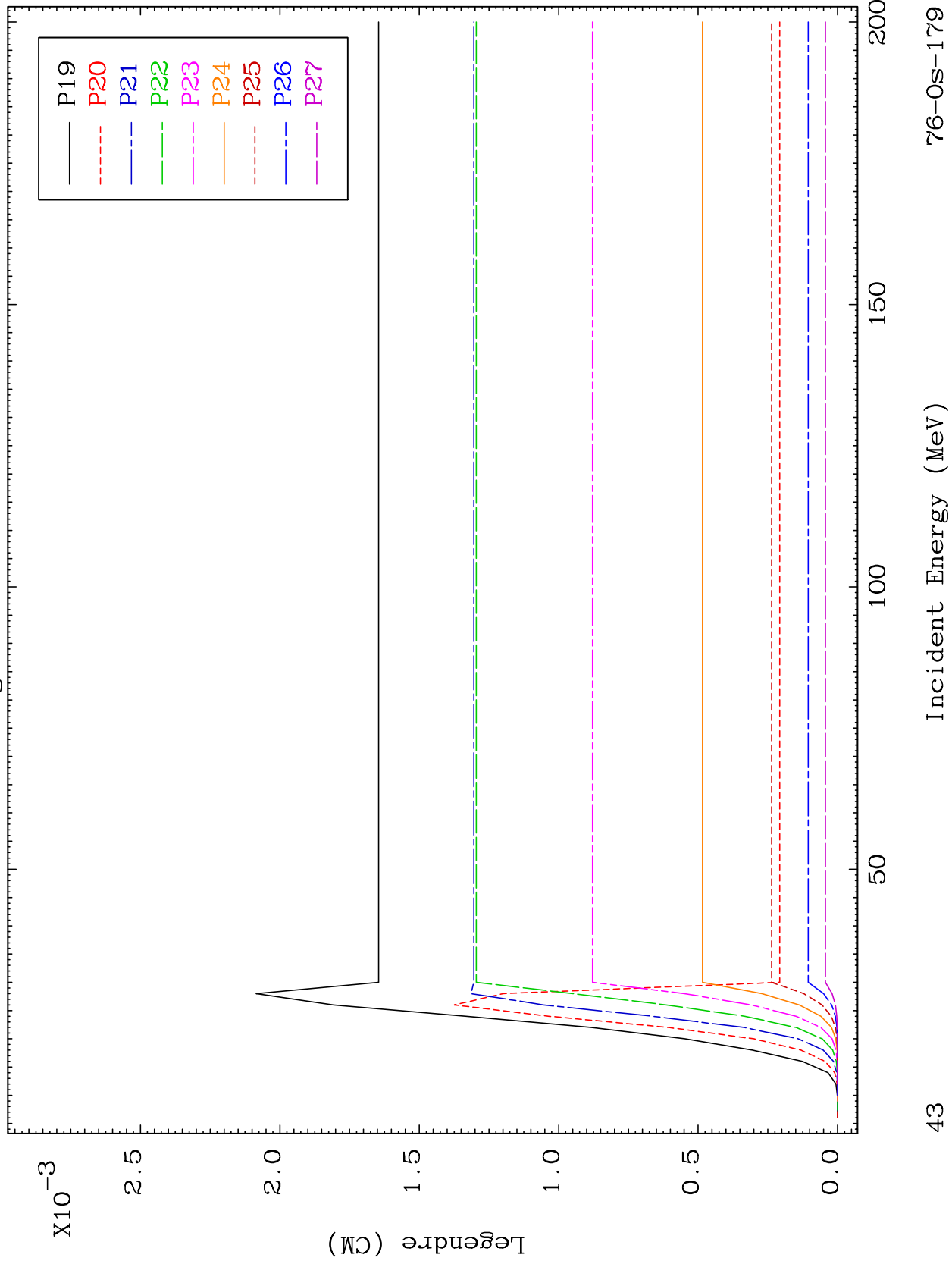
Incident Energy (MeV)

76-0s-179

MAT 7610

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

76-Os-179



43

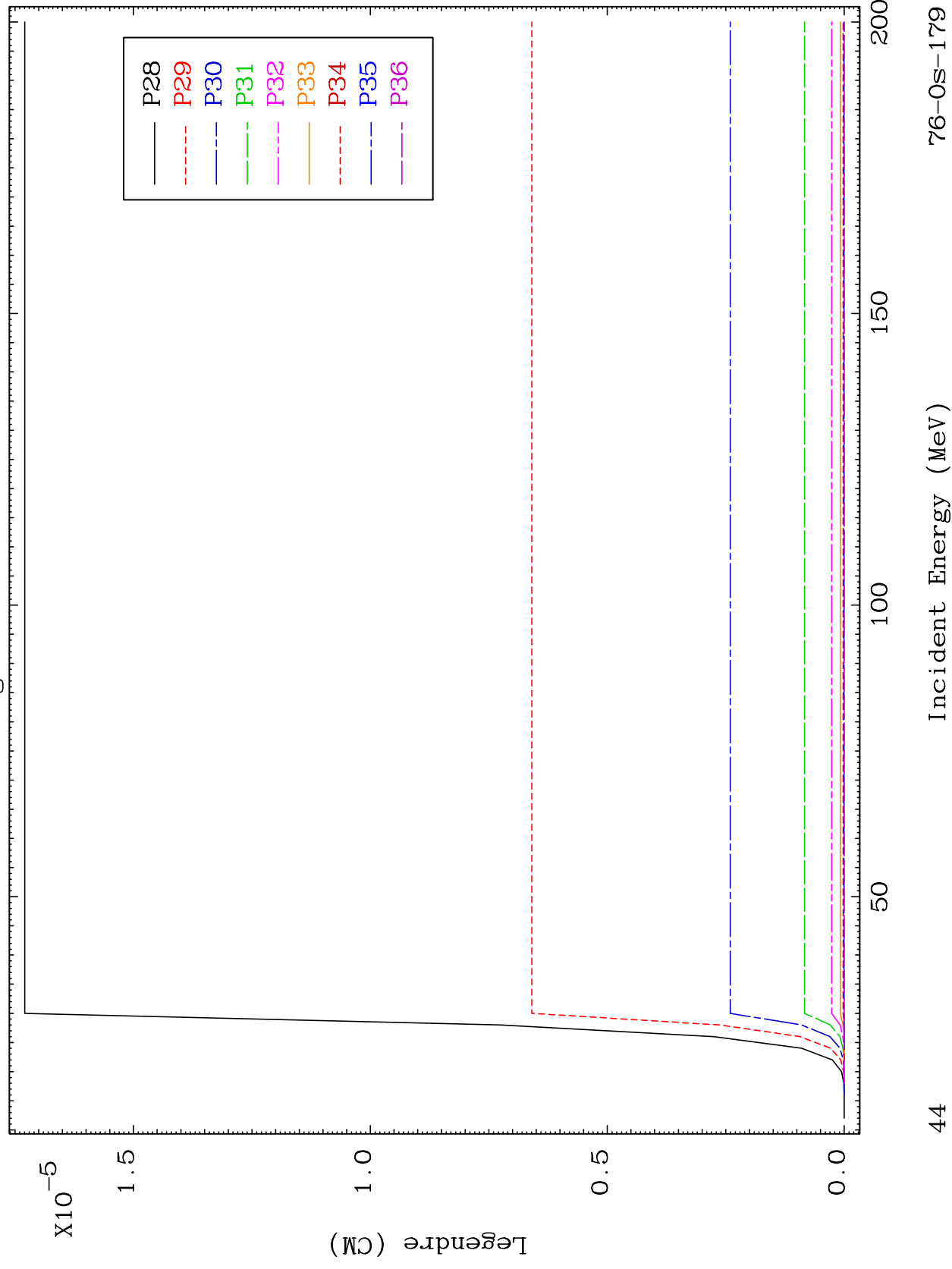
Incident Energy (MeV)

76-Os-179

MAT 7610

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

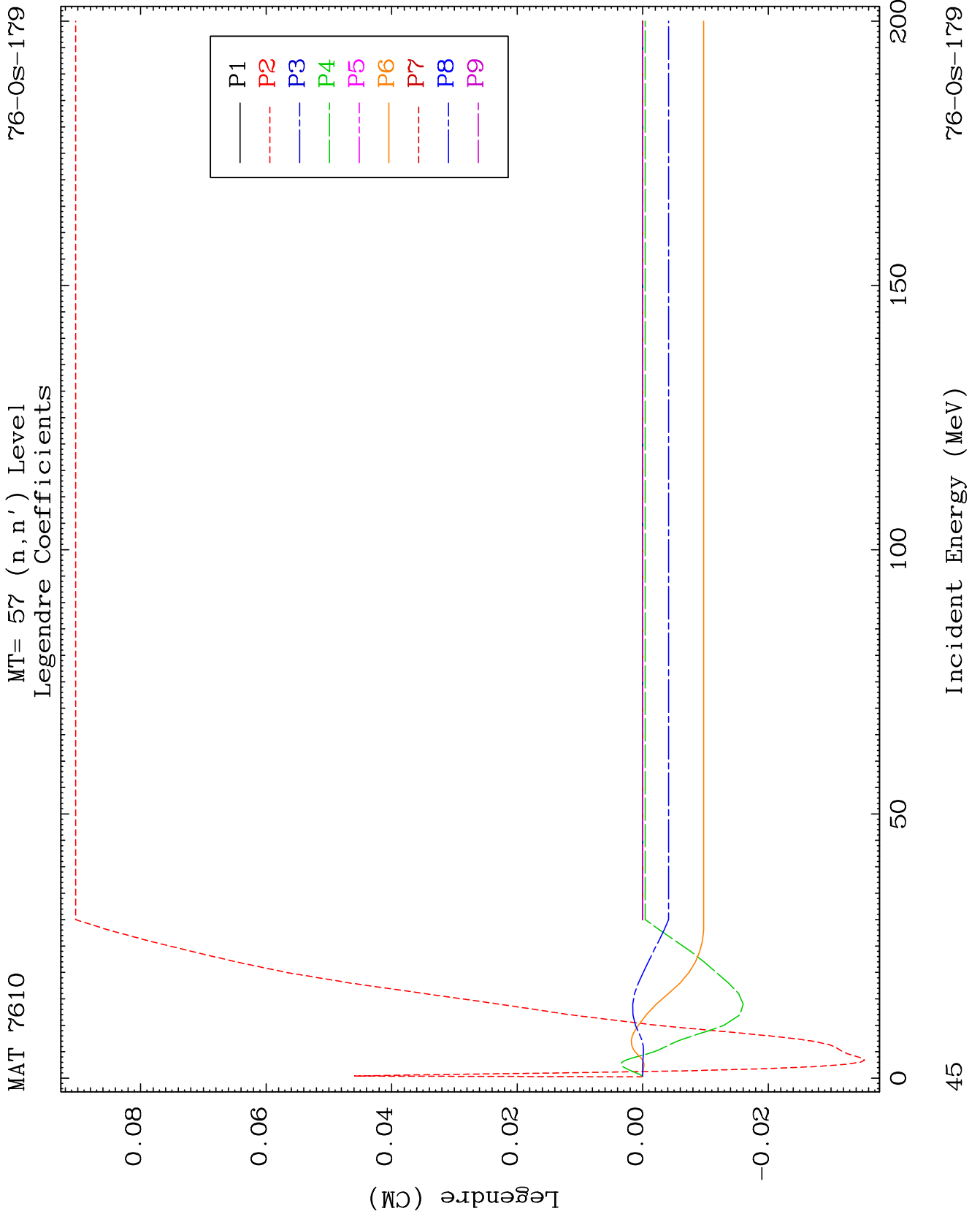
76-Os-179



44

Incident Energy (MeV)

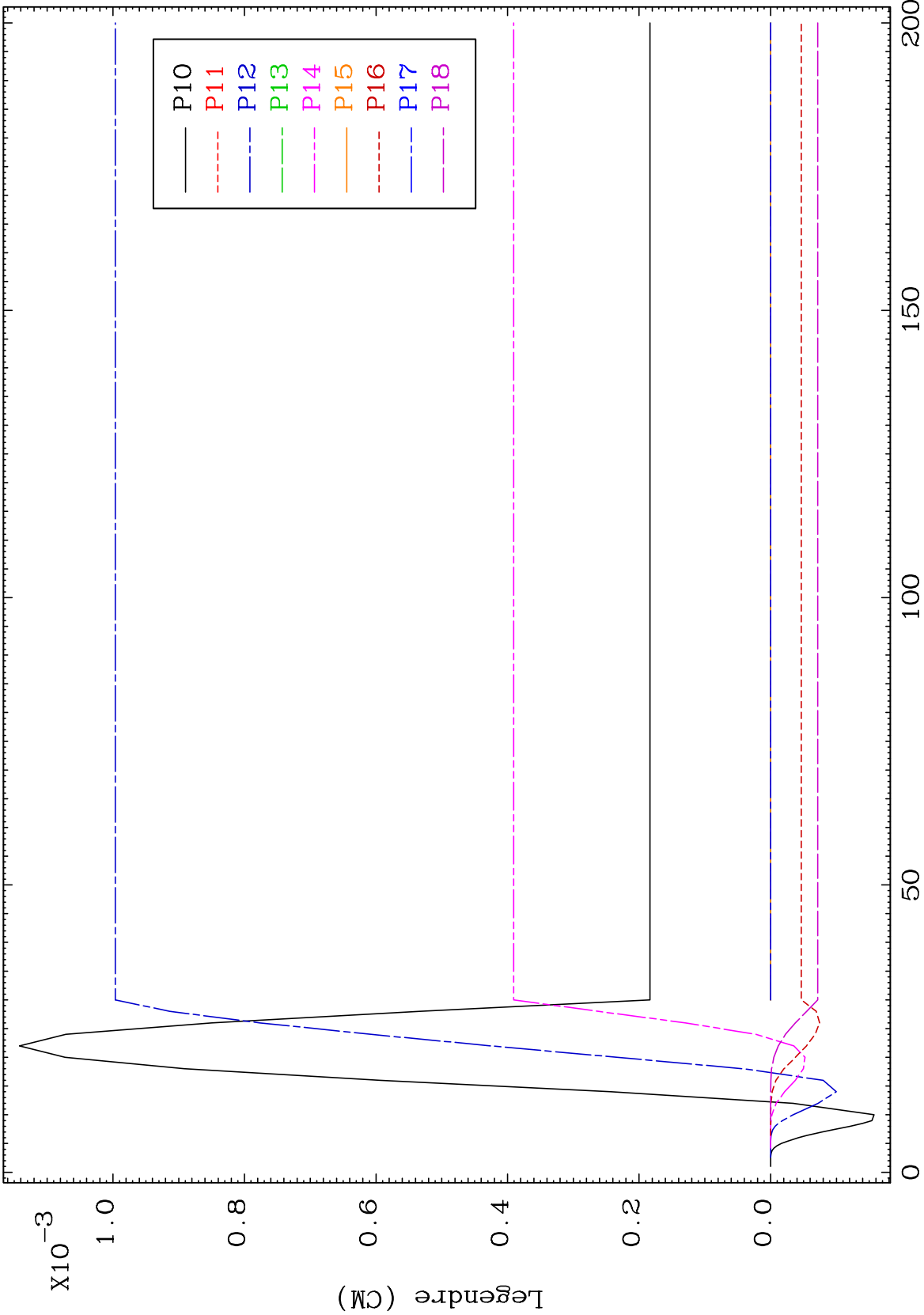
76-Os-179



MAT 7610

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

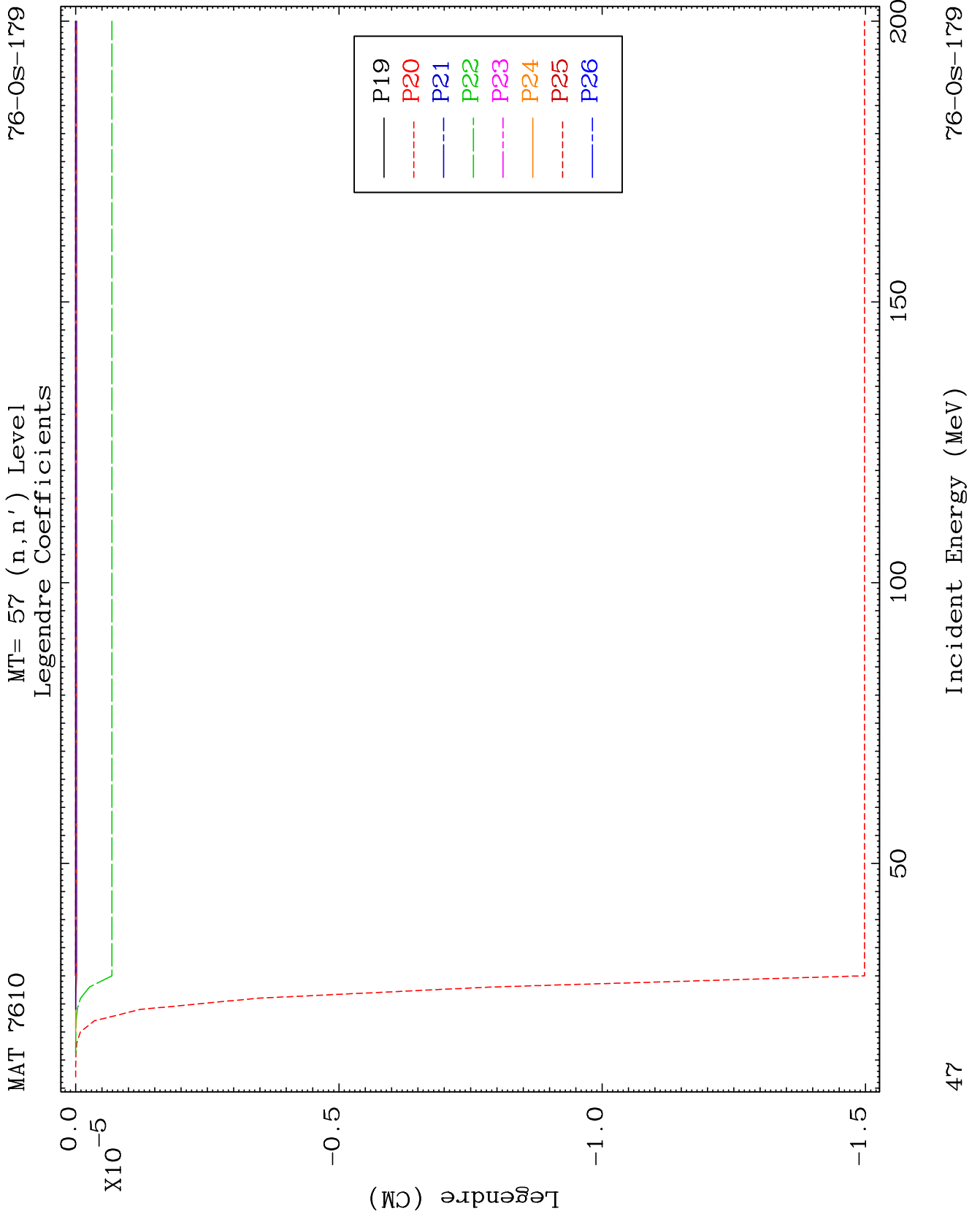
76-Os-179



46

Incident Energy (MeV)

76-Os-179

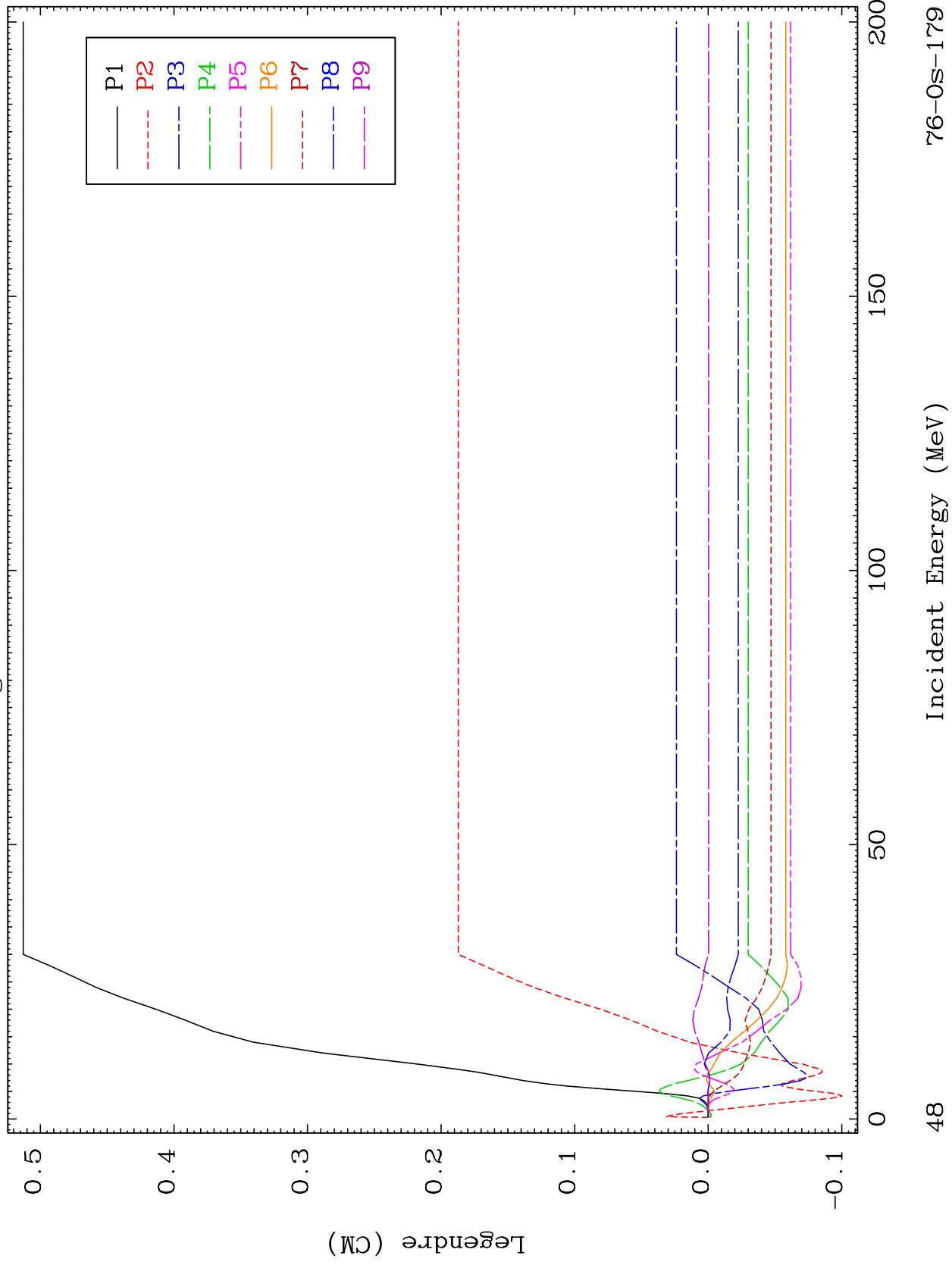




MAT 7610

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

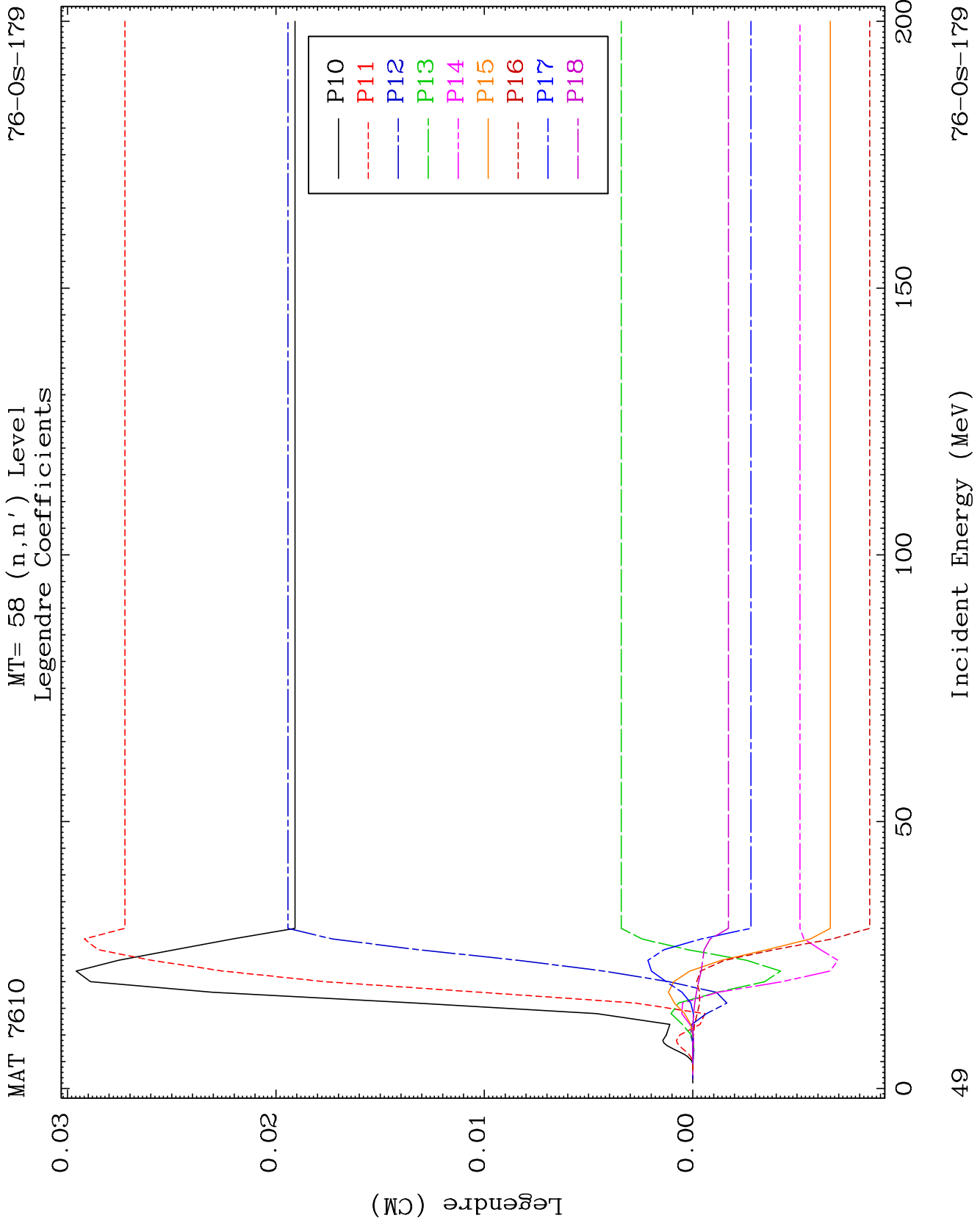
76-Os-179



76-Os-179

Incident Energy (MeV)

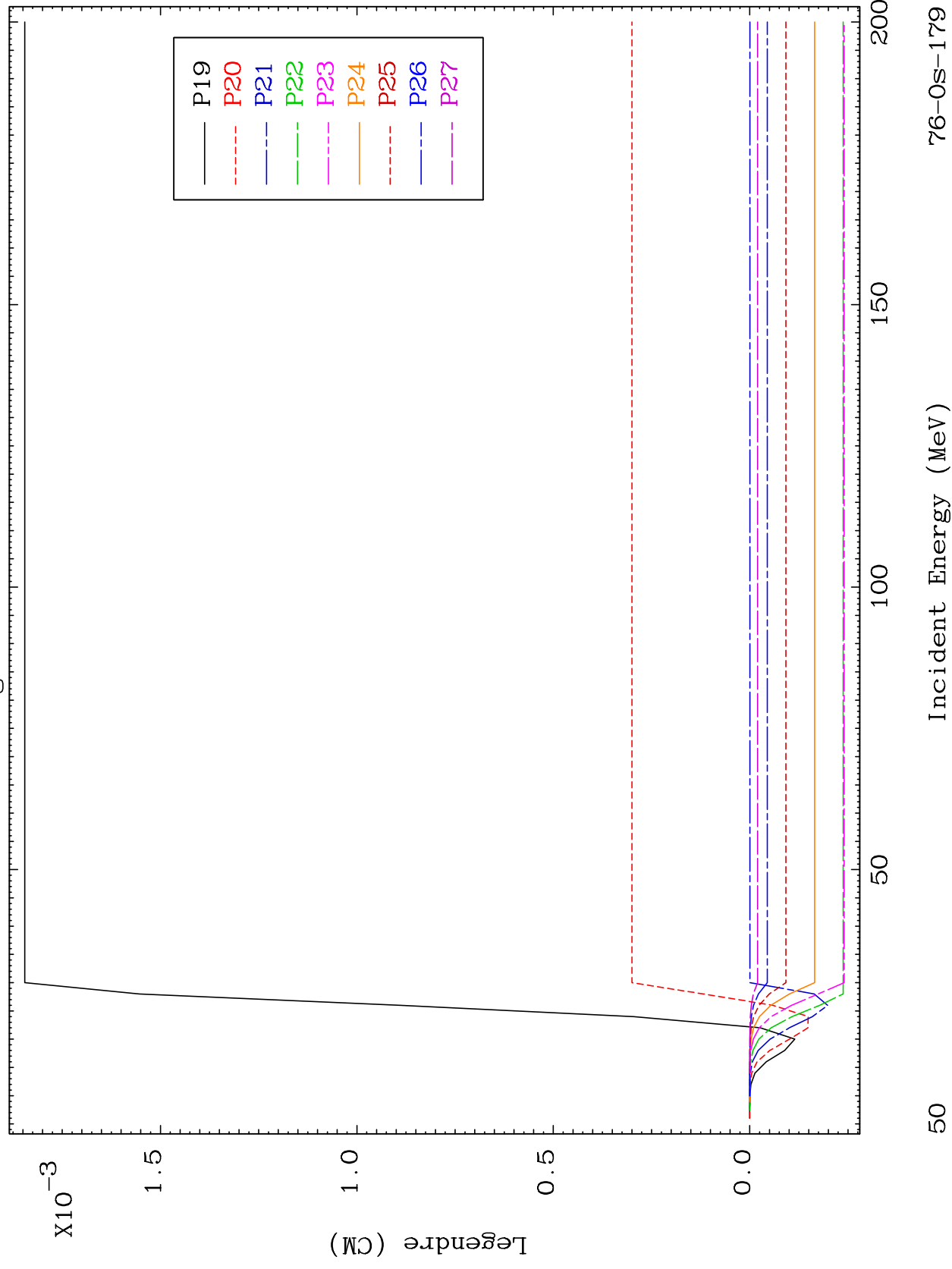
48



MAT 7610

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

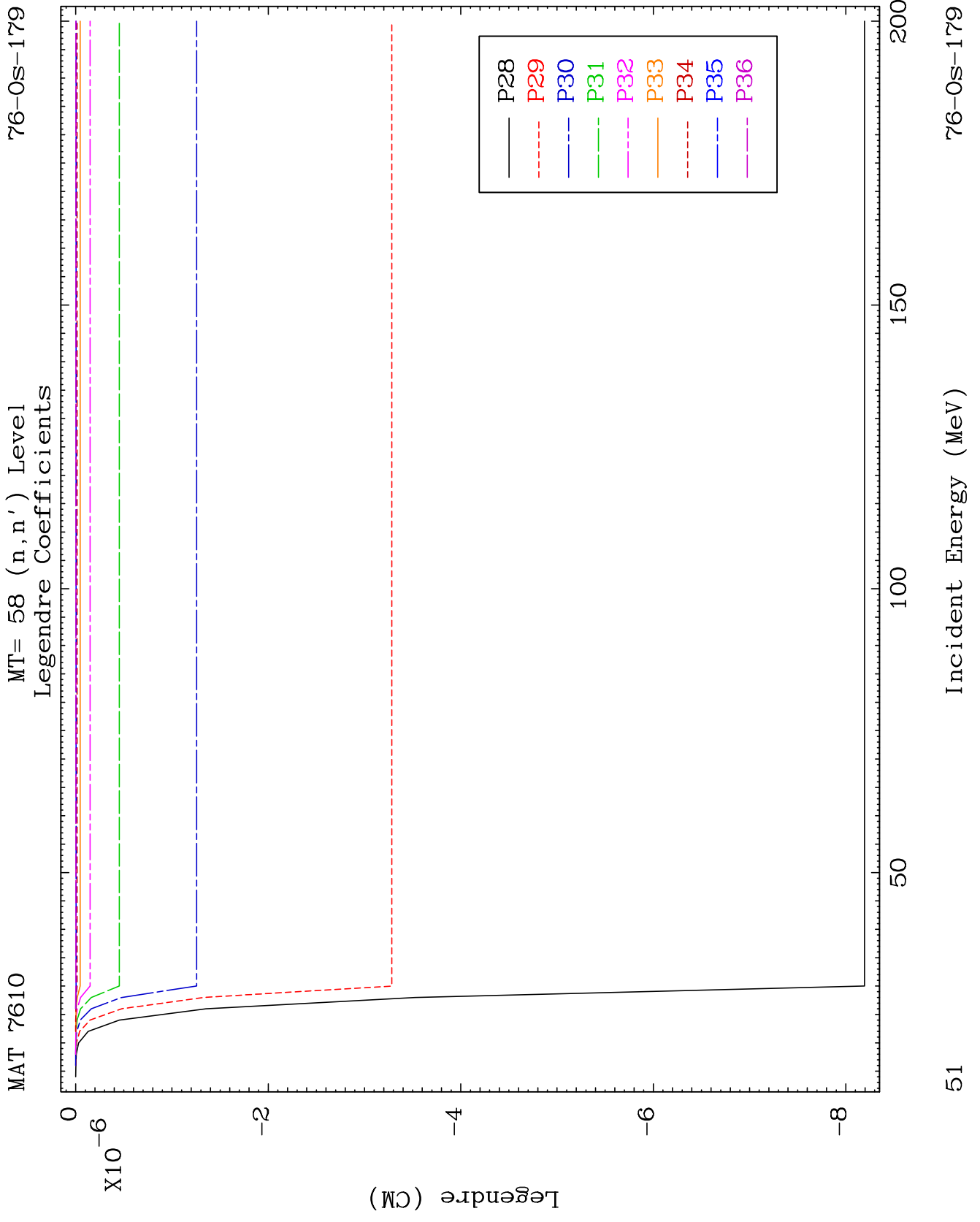
76-0s-179

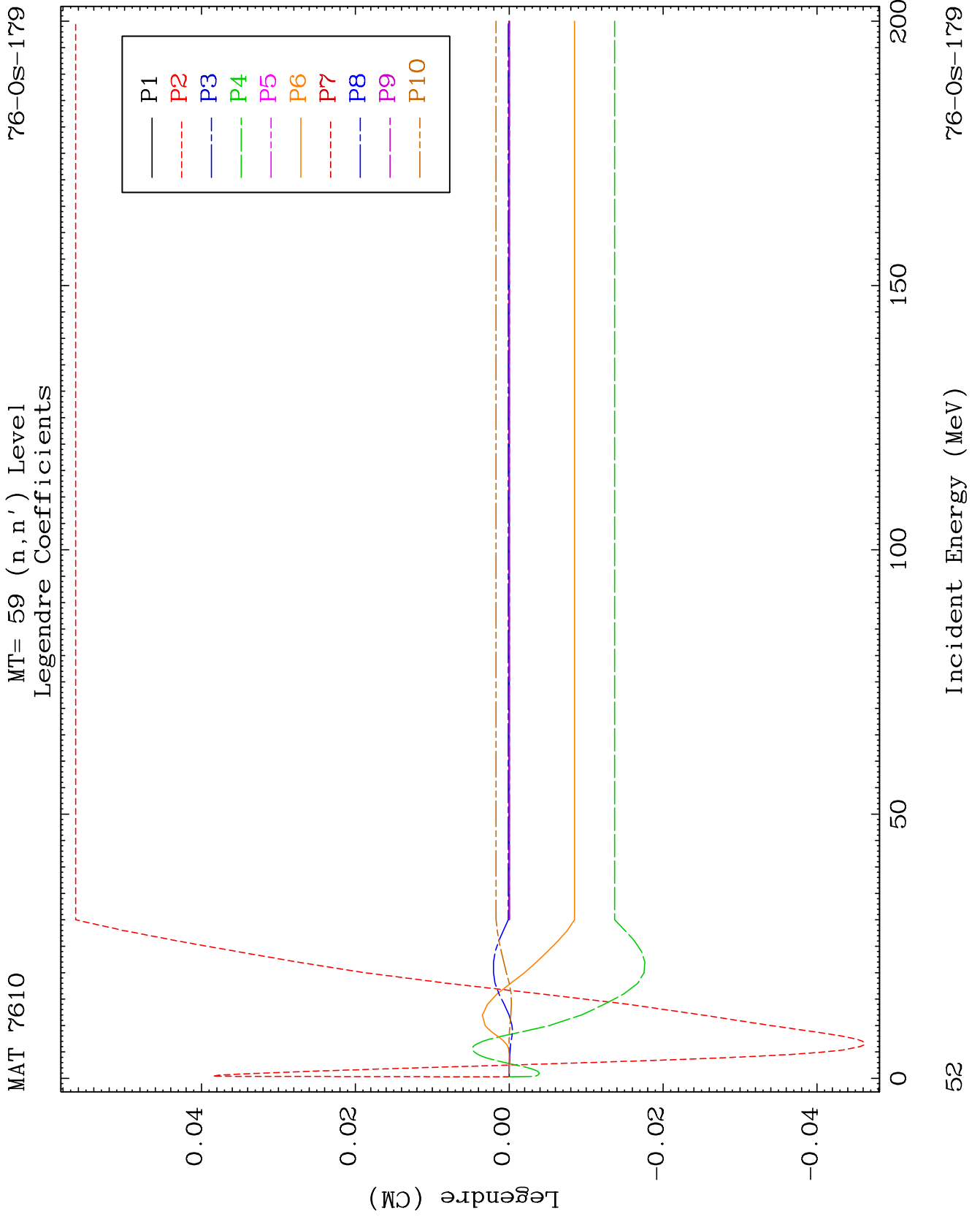


50

Incident Energy (MeV)

76-0s-179

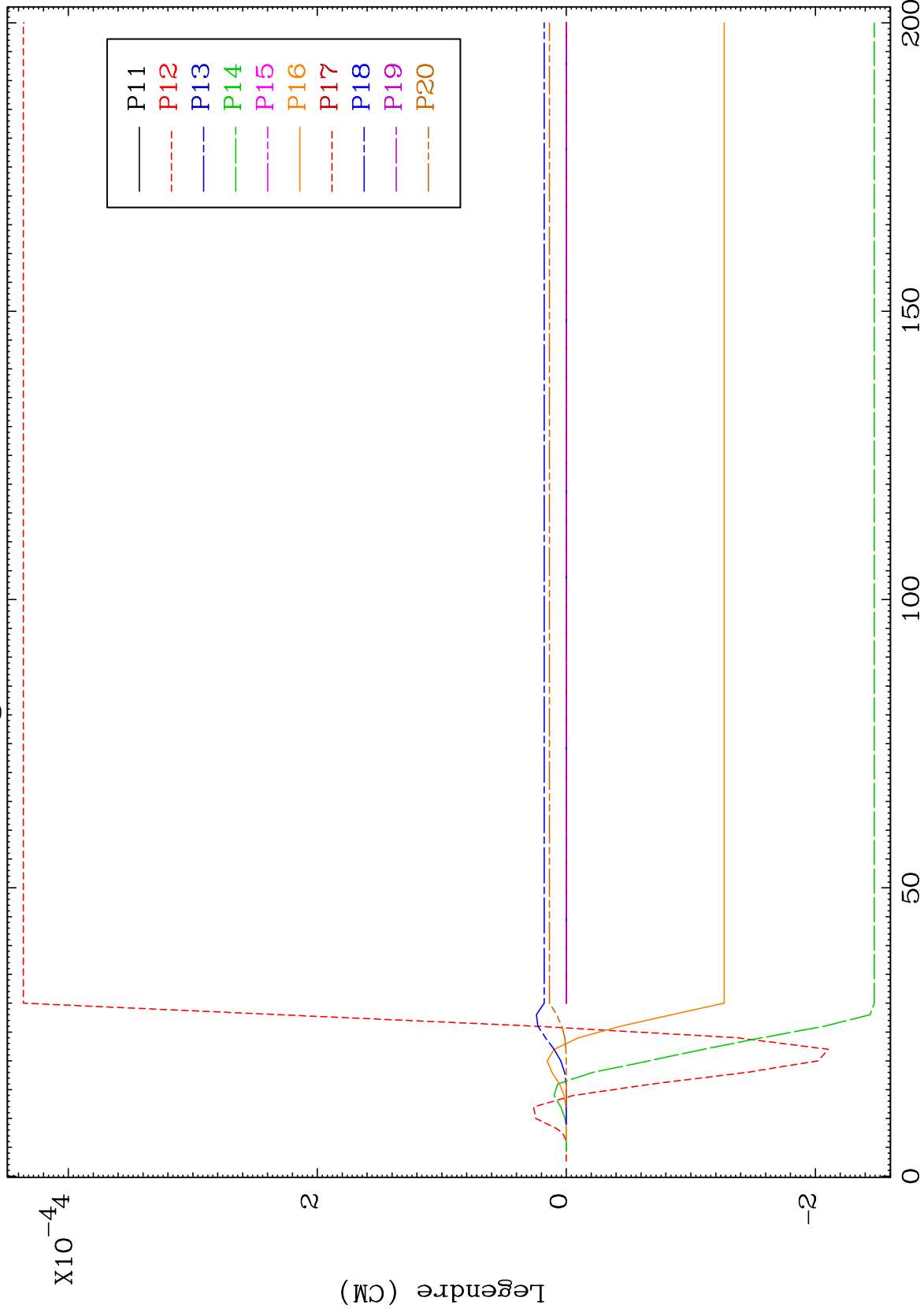




MAT 7610

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

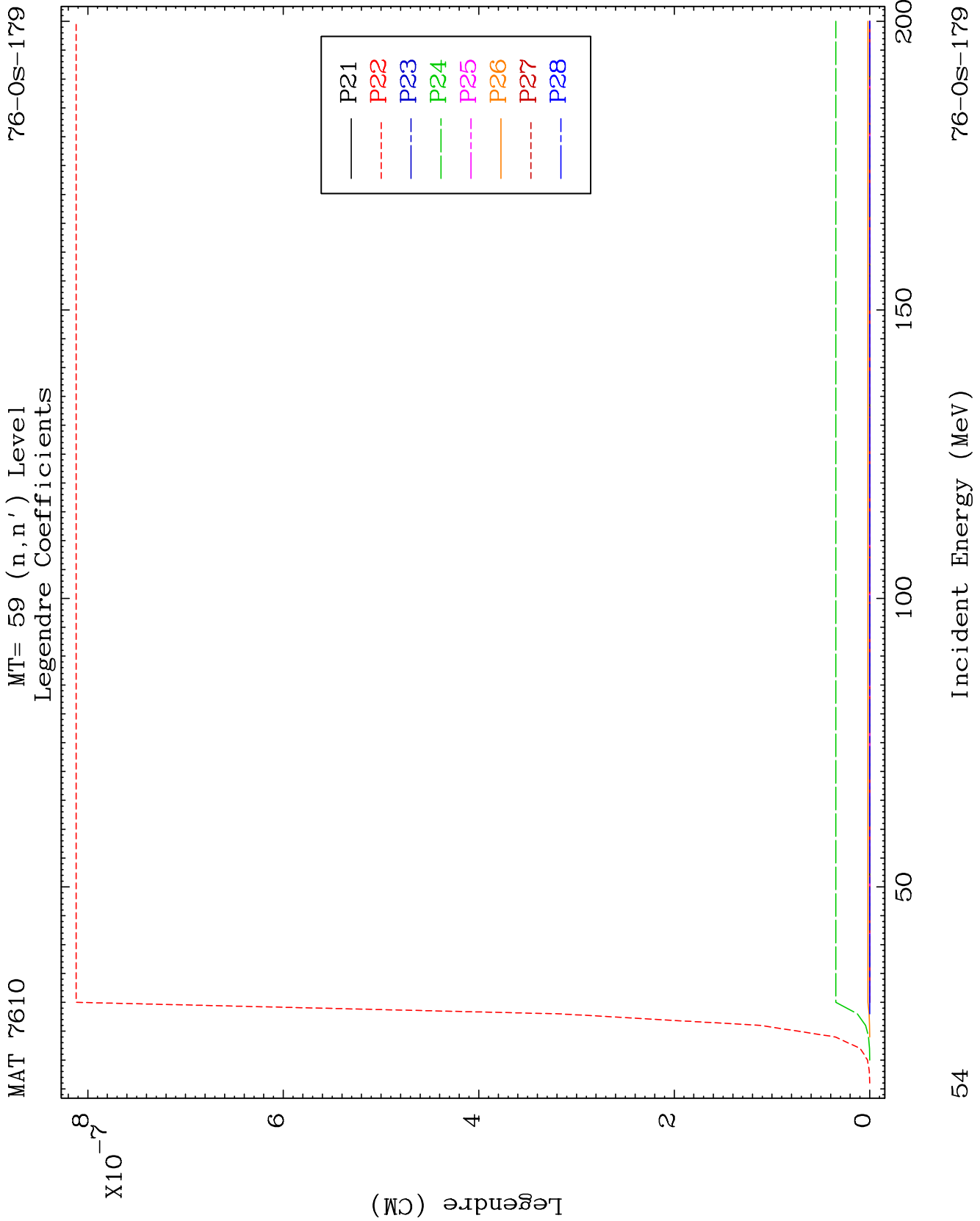
76-Os-179

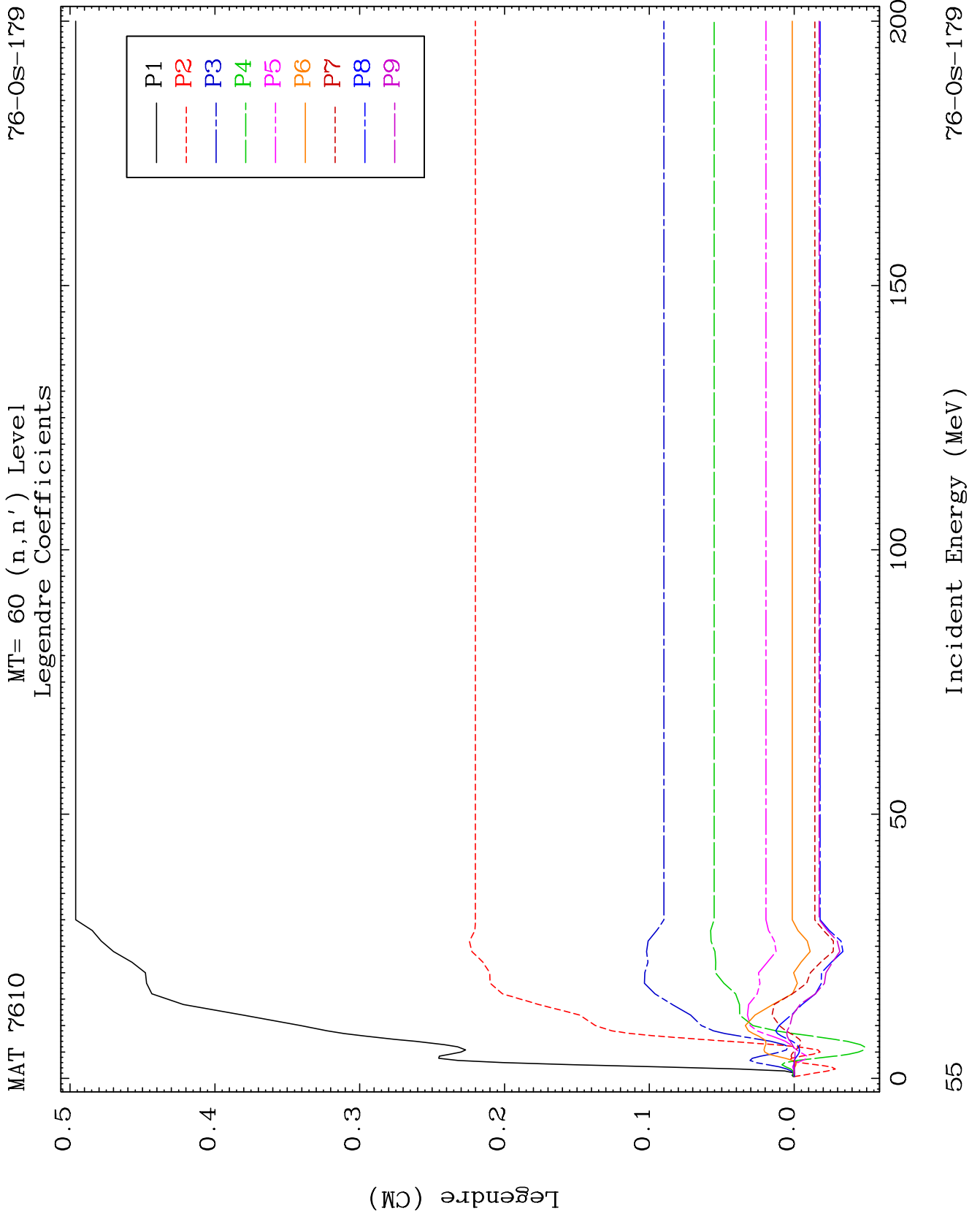


53

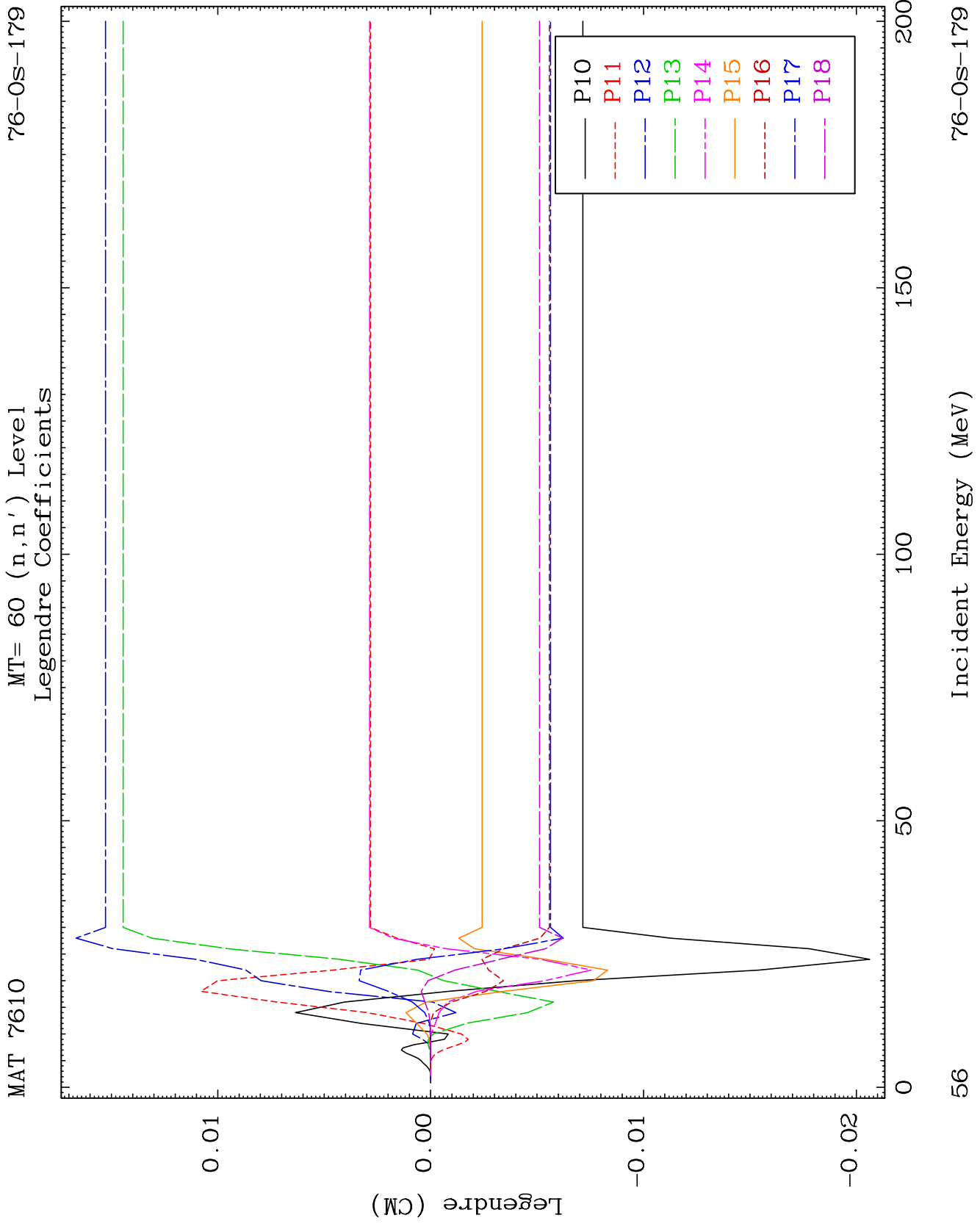
Incident Energy (MeV)

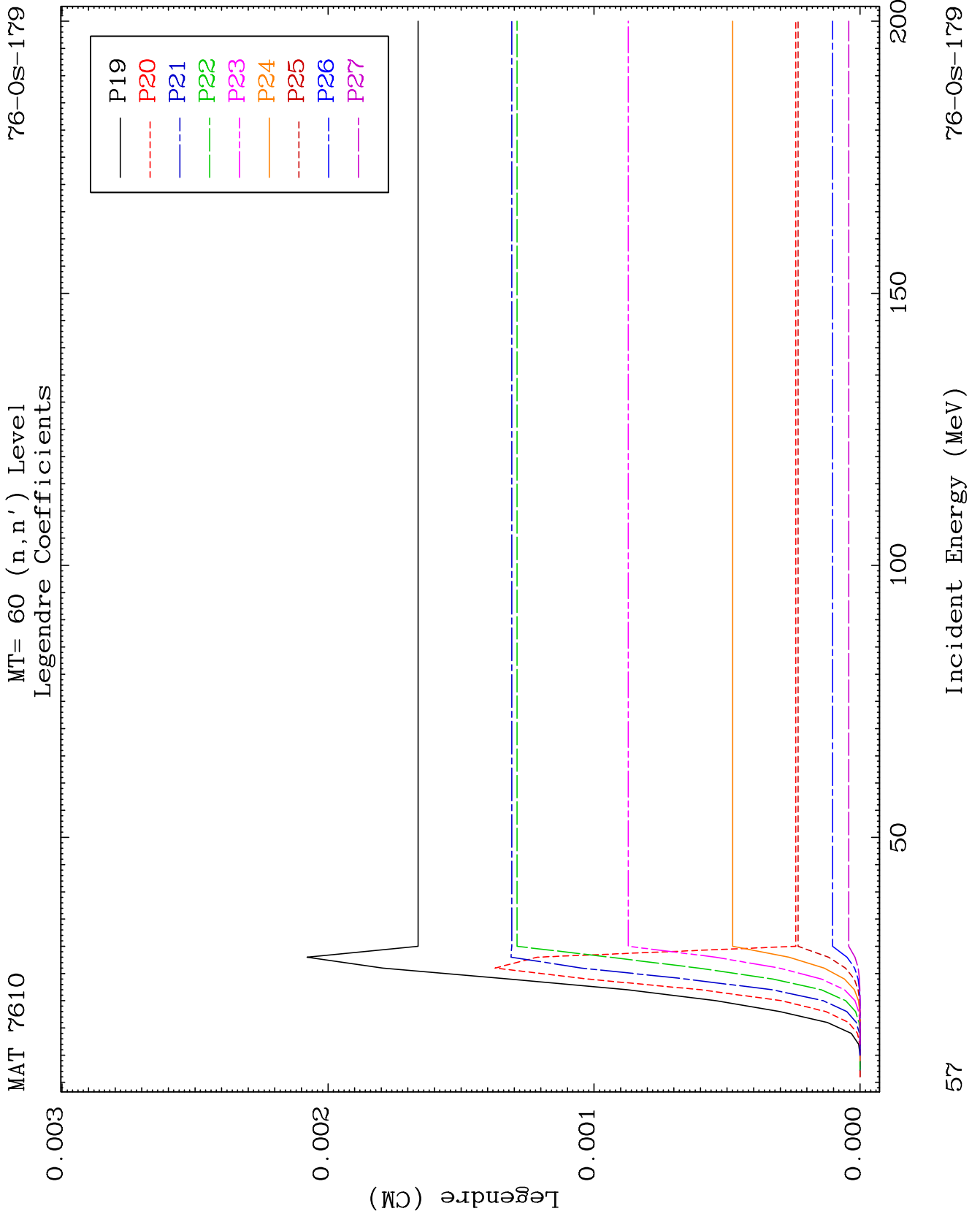
76-Os-179







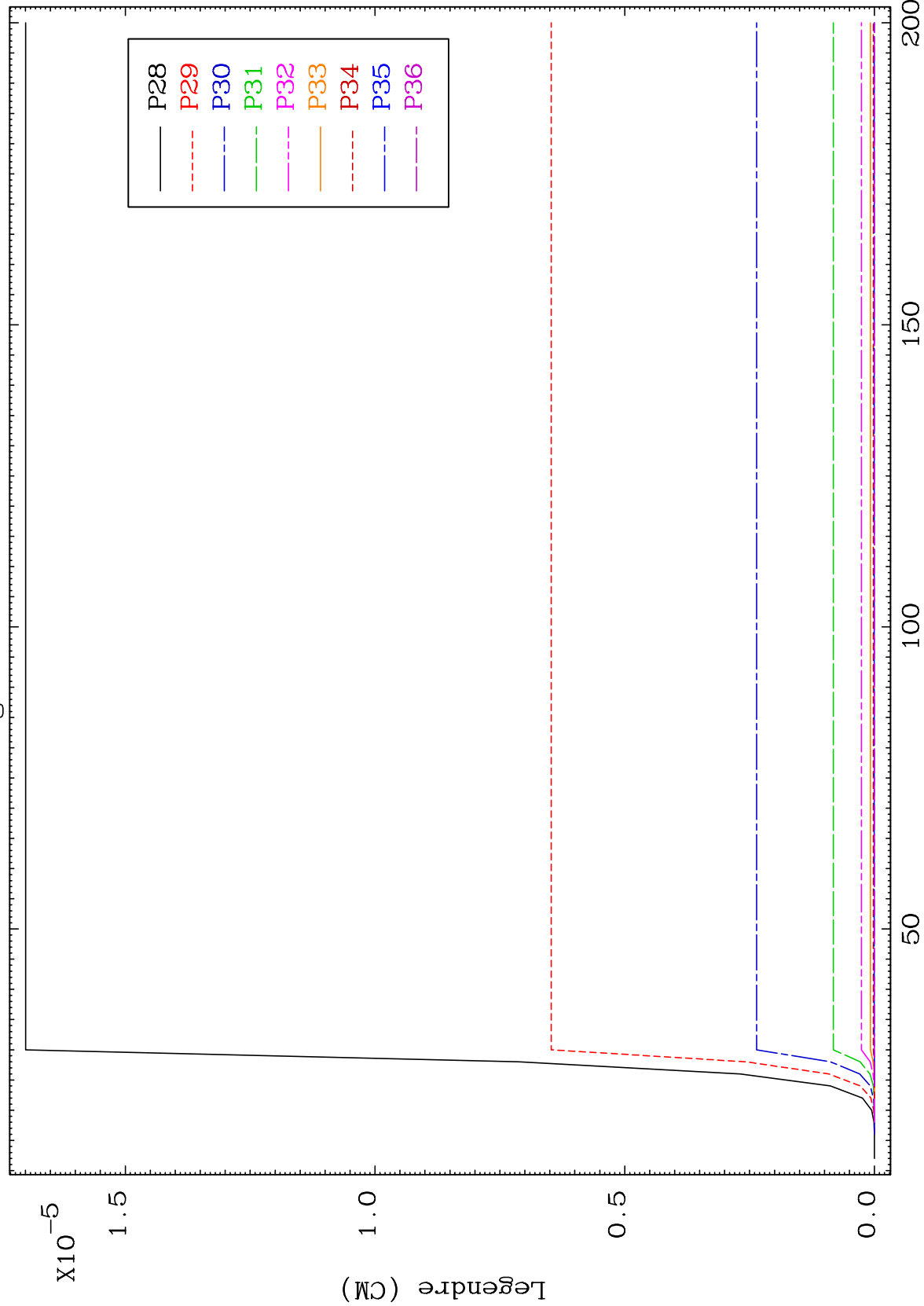




MAT 7610

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

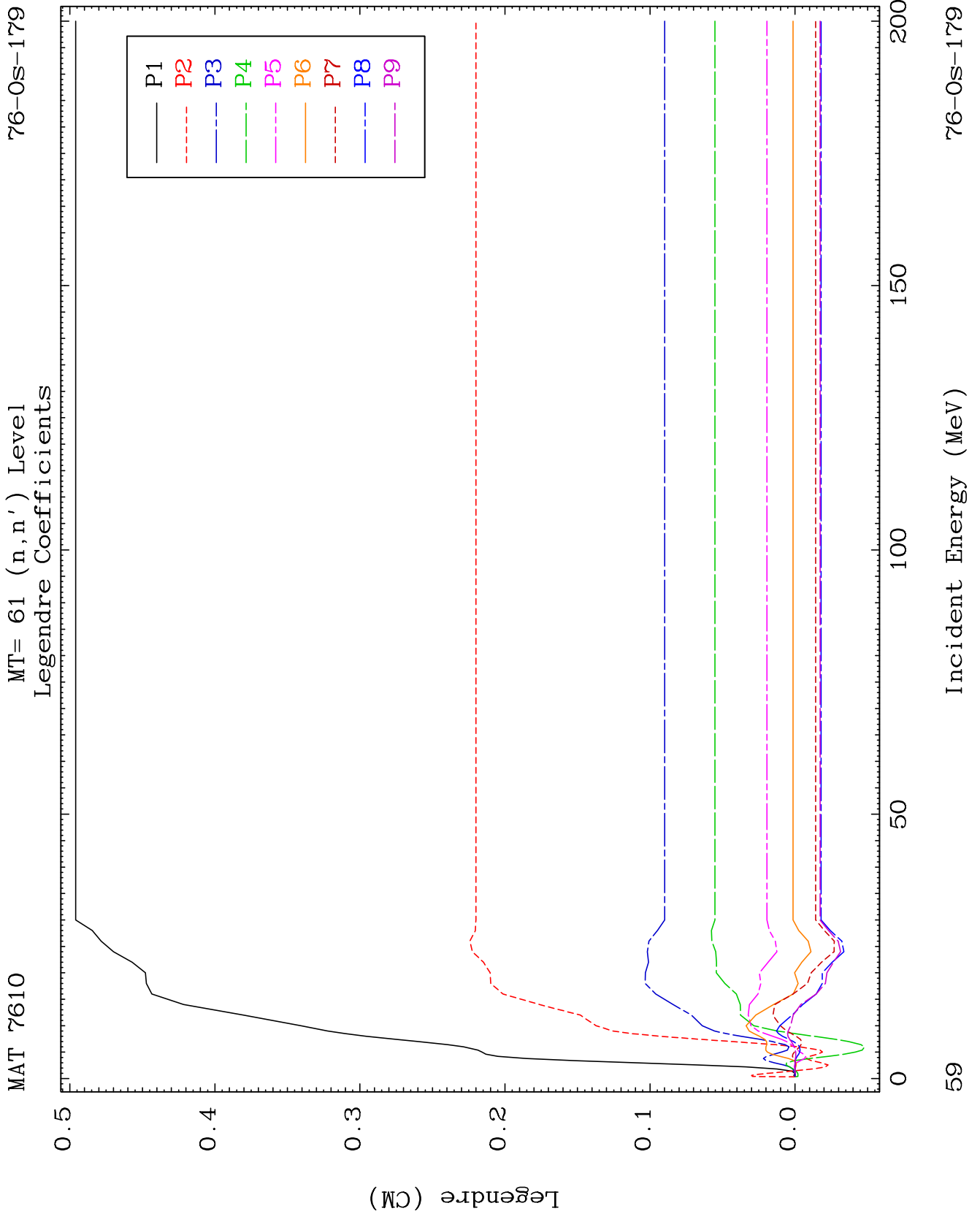
76-Os-179

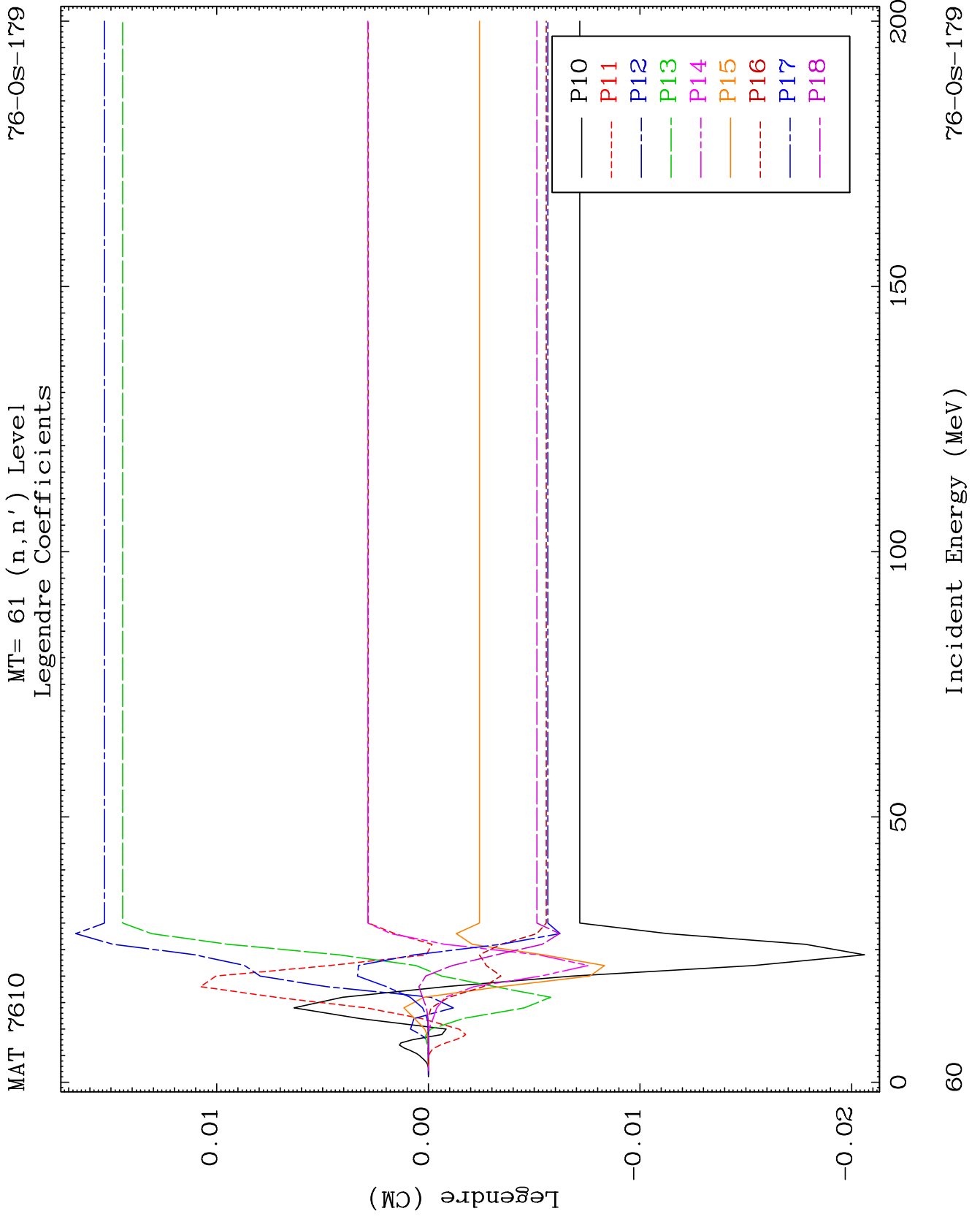


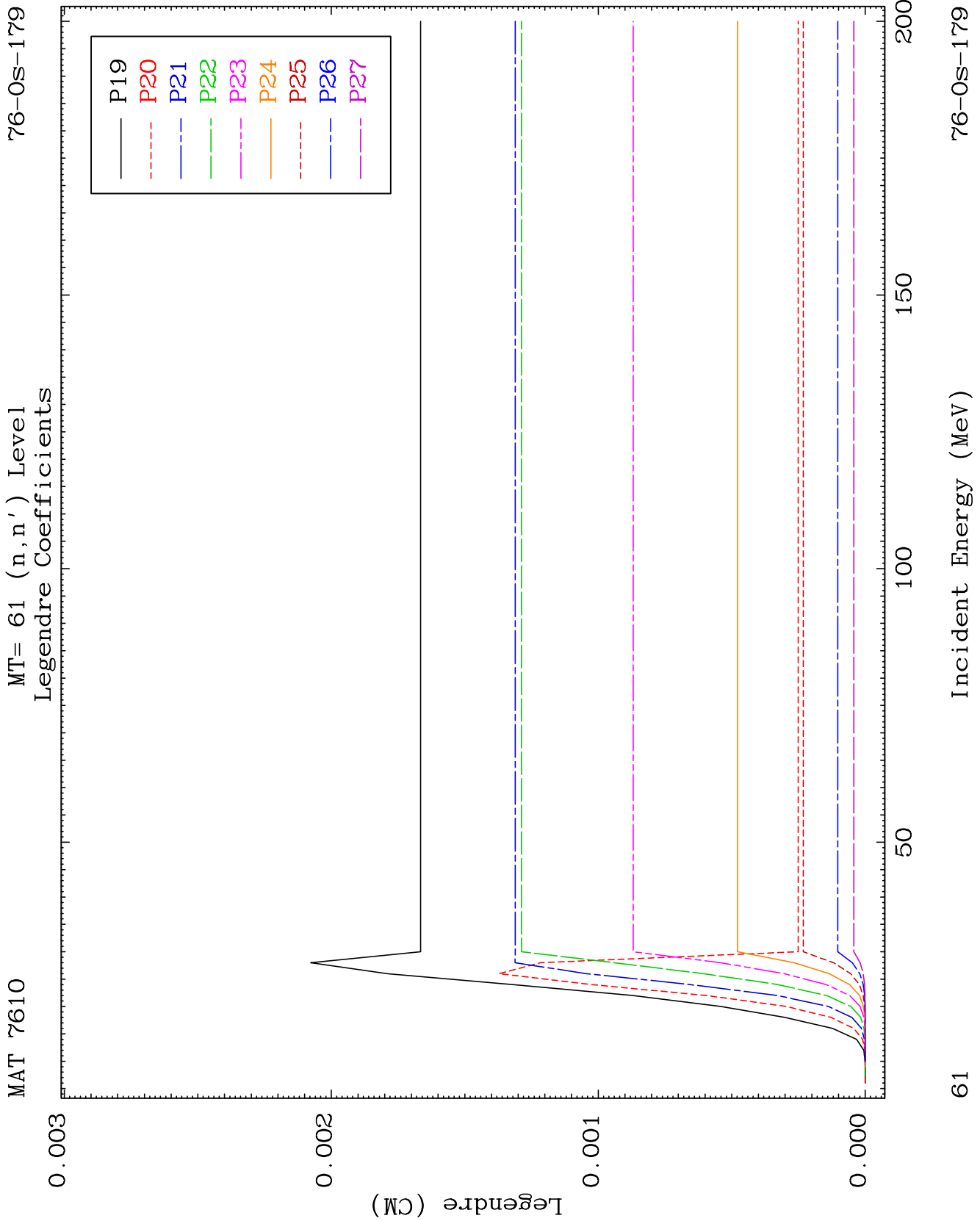
76-Os-179

Incident Energy (MeV)

58



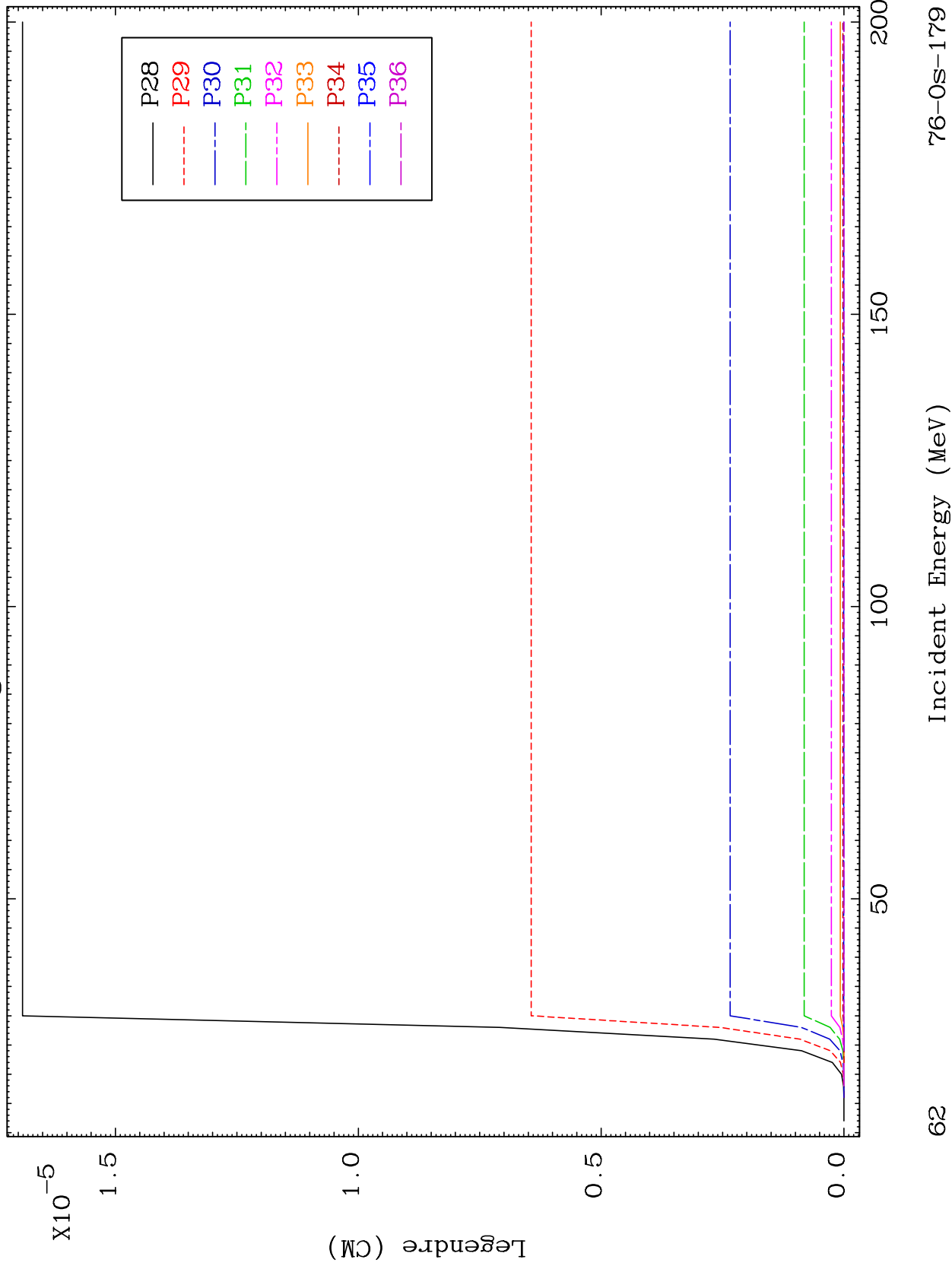




MAT 7610

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

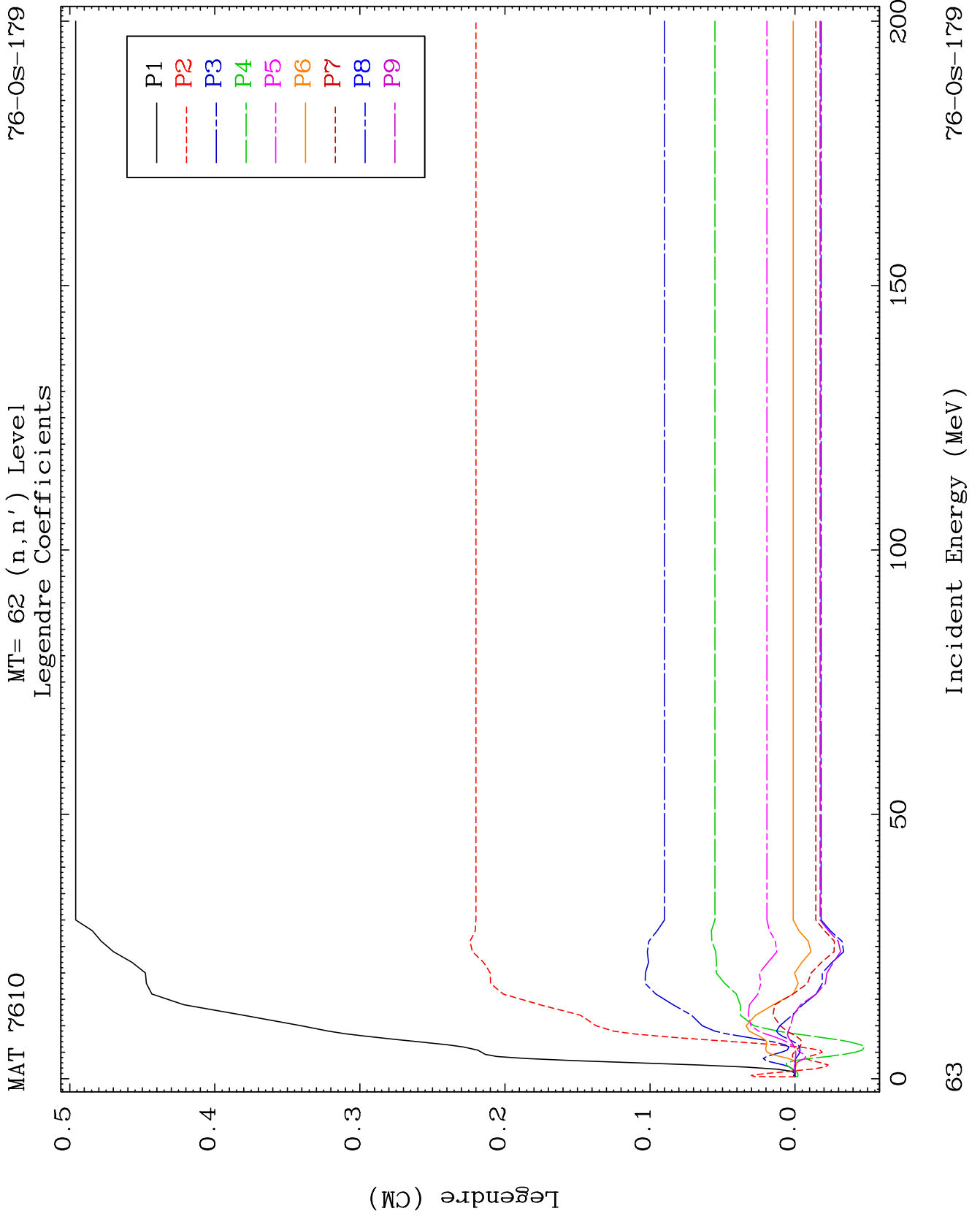
76-Os-179



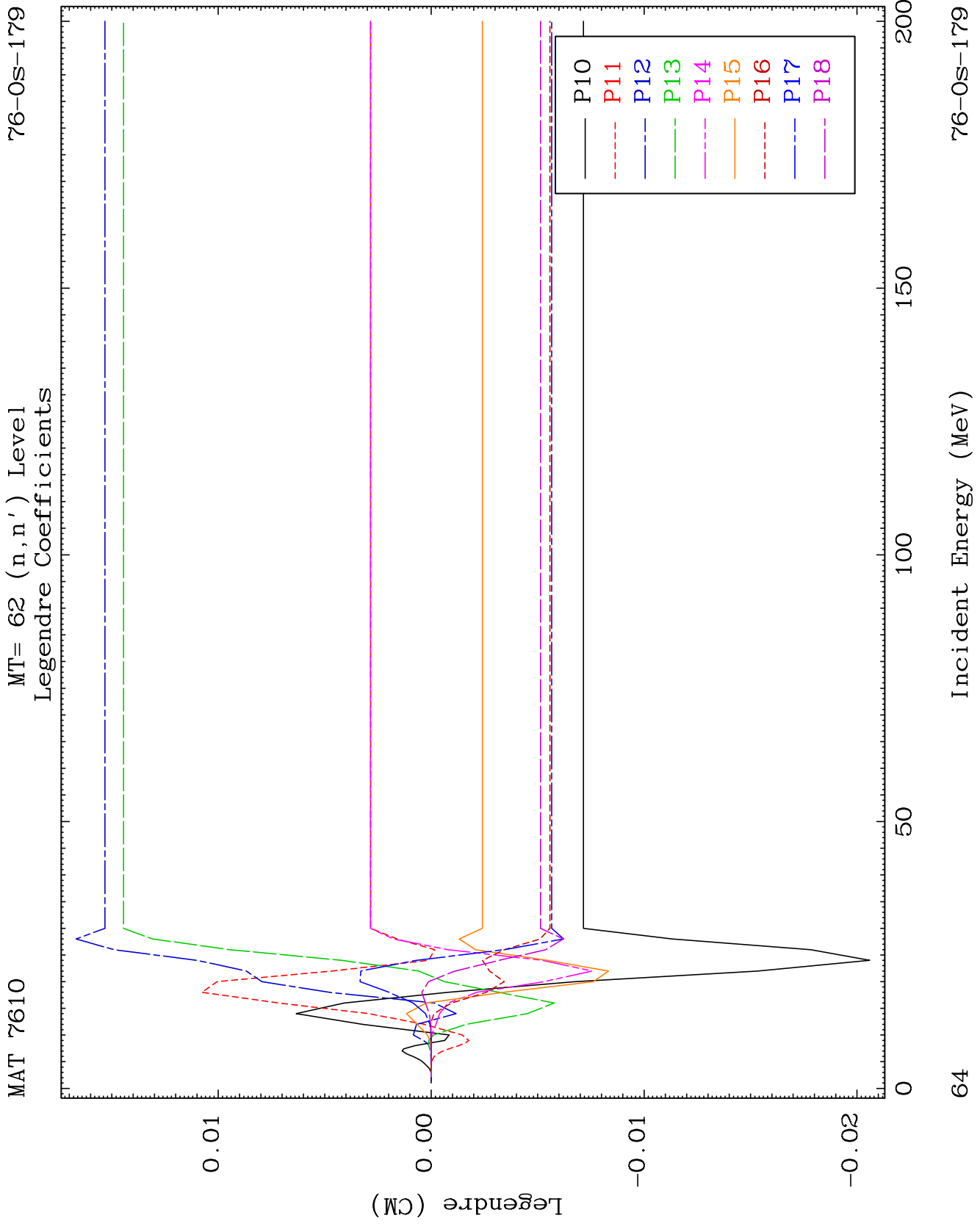
62

Incident Energy (MeV)

76-Os-179





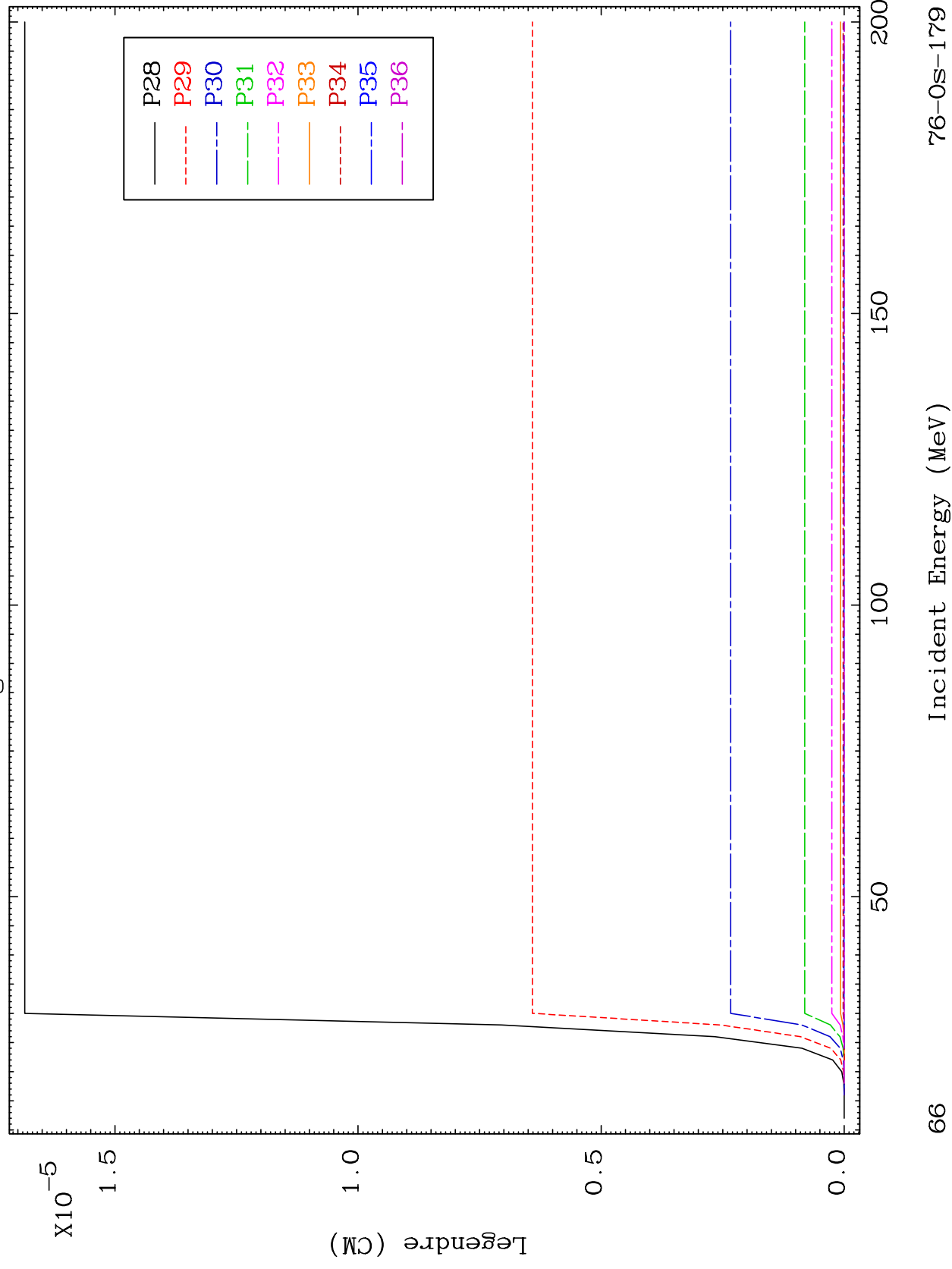




MAT 7610

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

76-Os-179



66

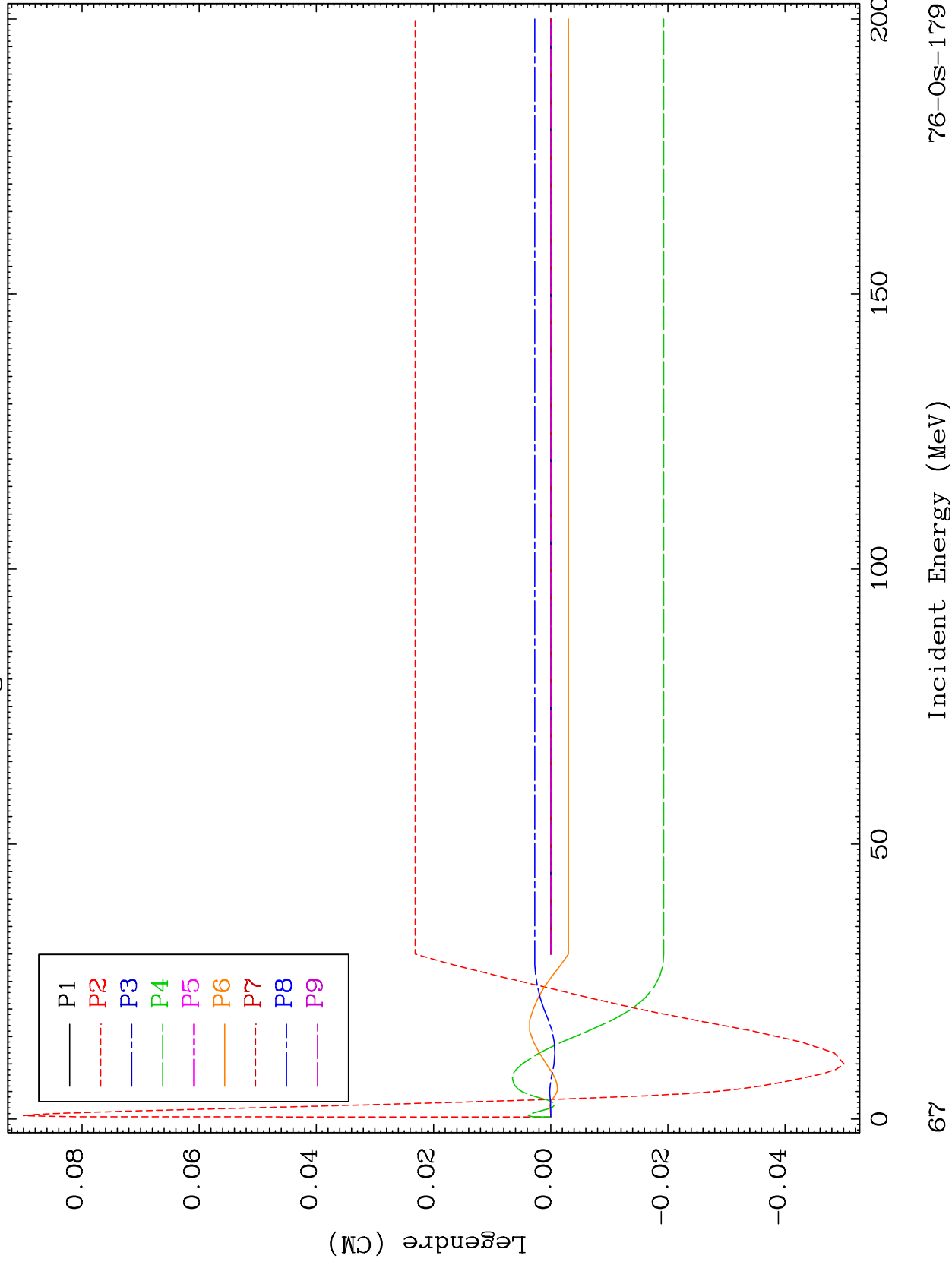
Incident Energy (MeV)

76-Os-179

MAT 7610

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

76-0s-179



76-0s-179

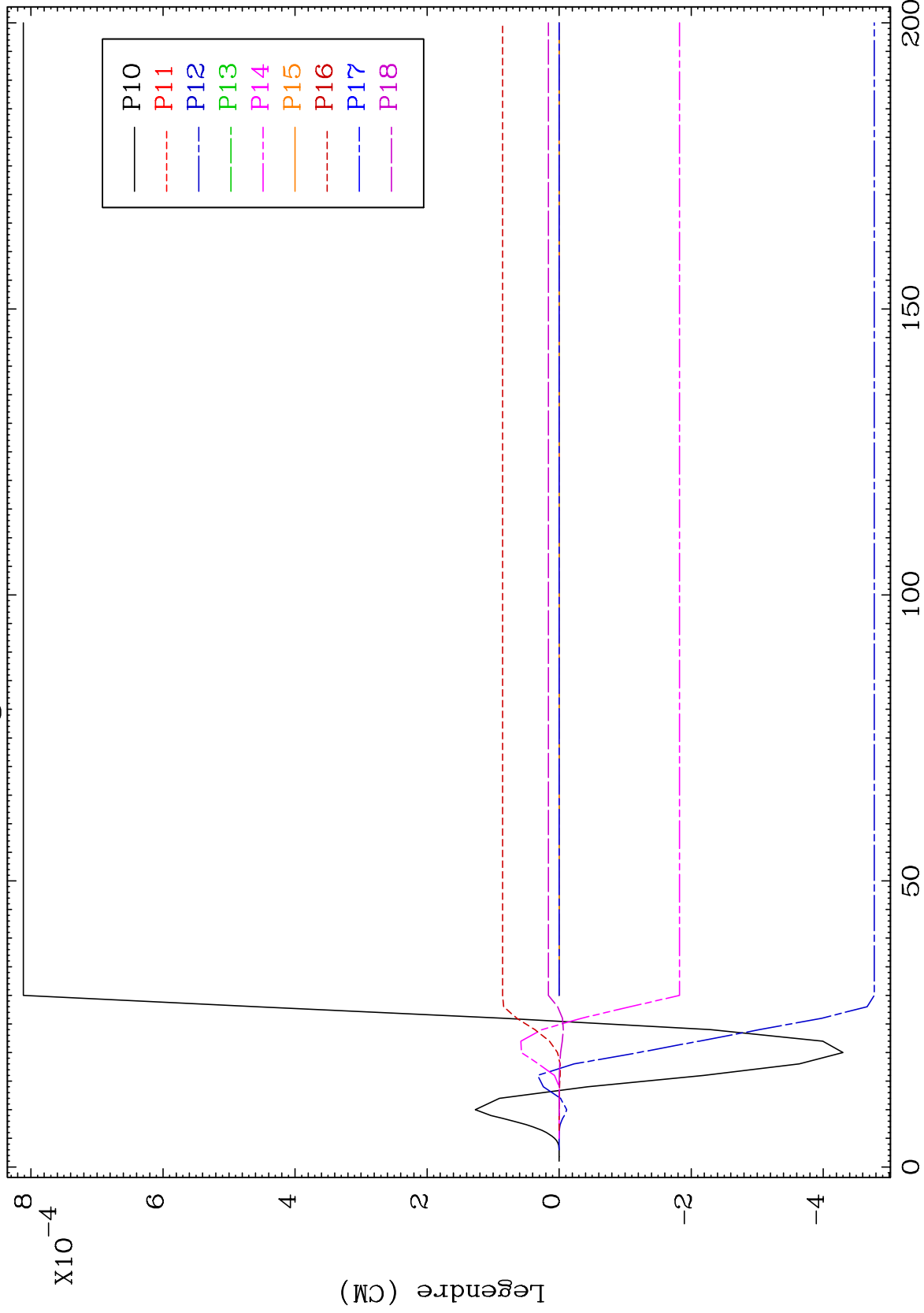
Incident Energy (MeV)

67

MAT 7610

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

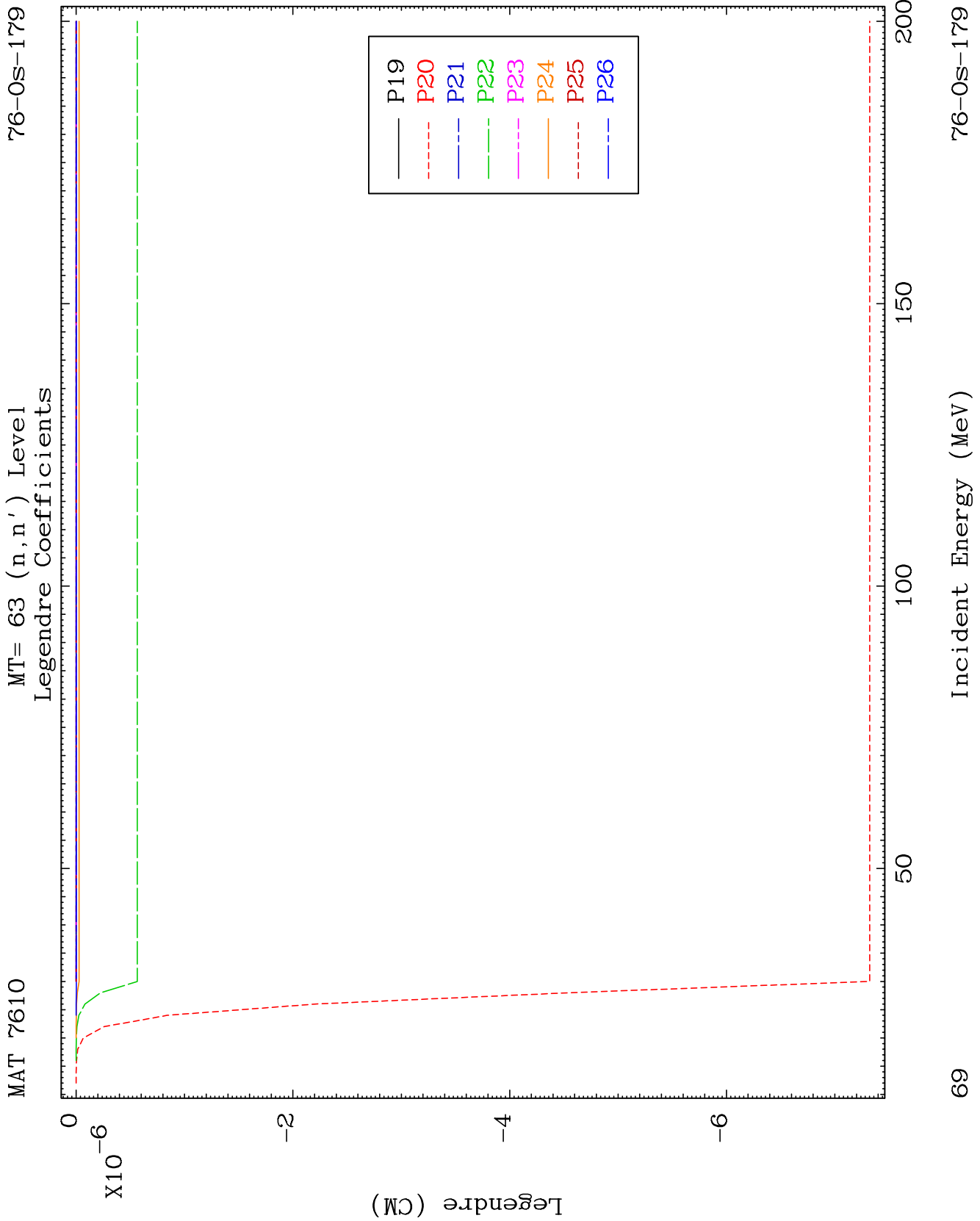
76-Os-179



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Incident Energy (MeV)

76-Os-179





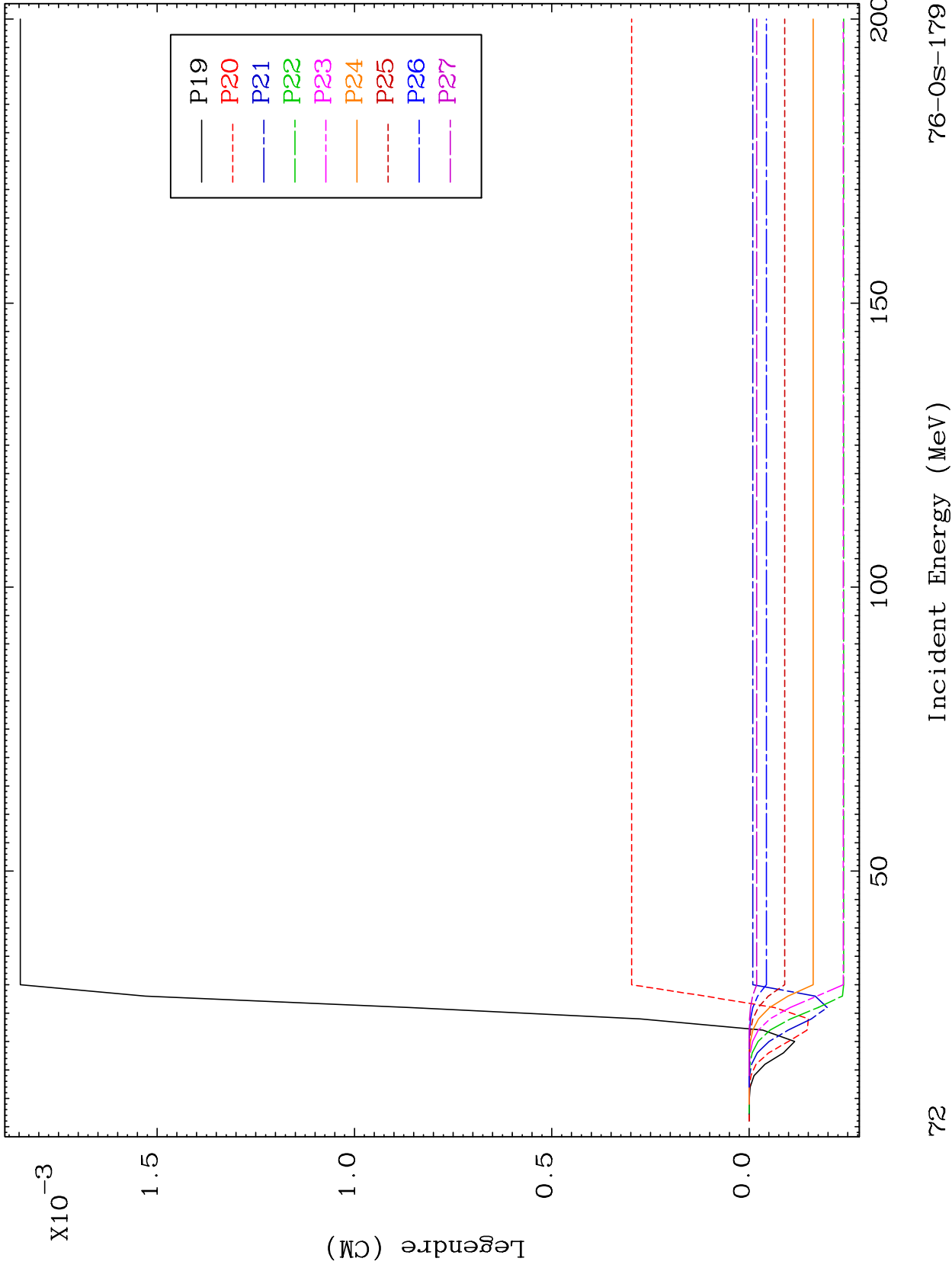




MAT 7610

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

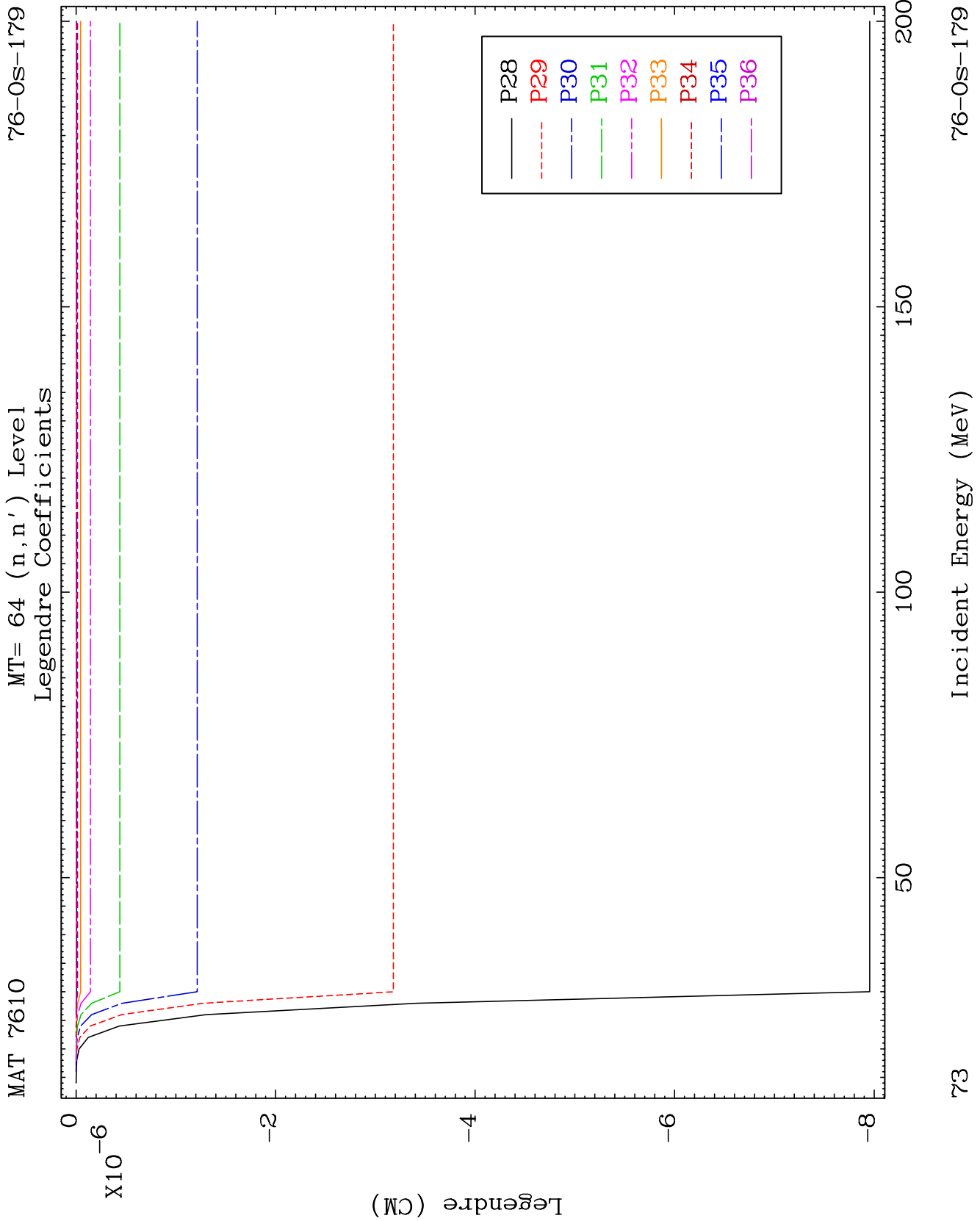
76-Os-179

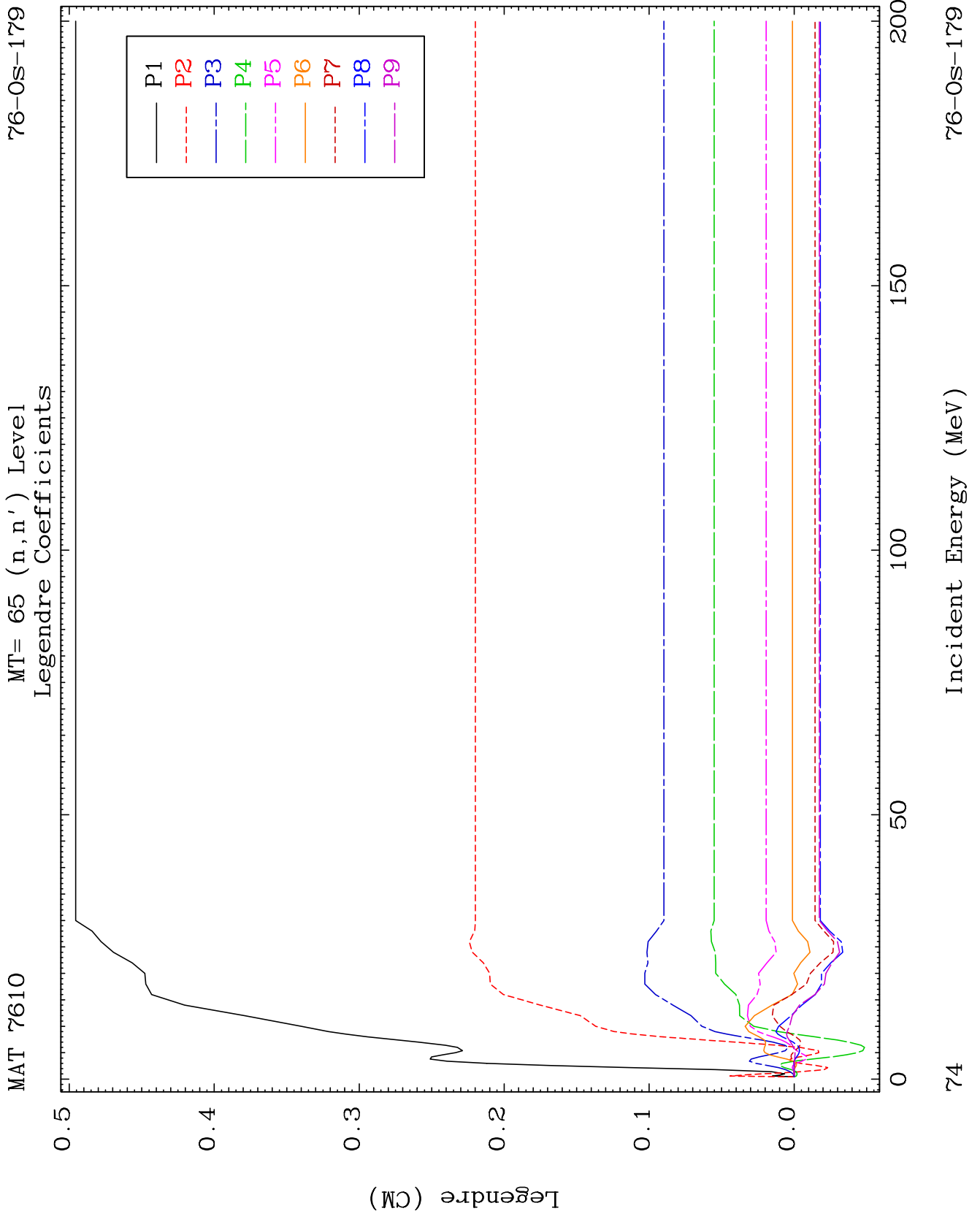


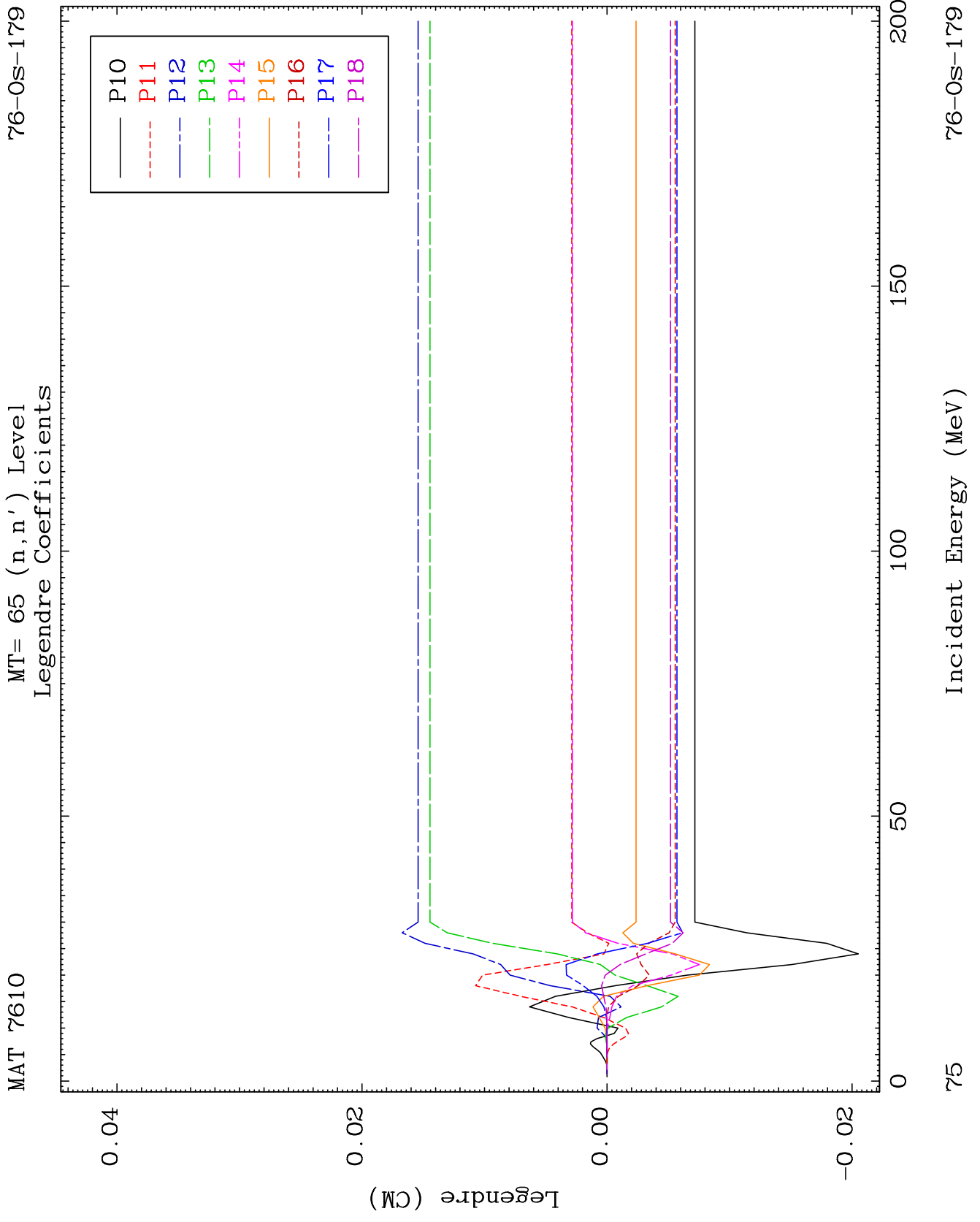
72

Incident Energy (MeV)

76-Os-179





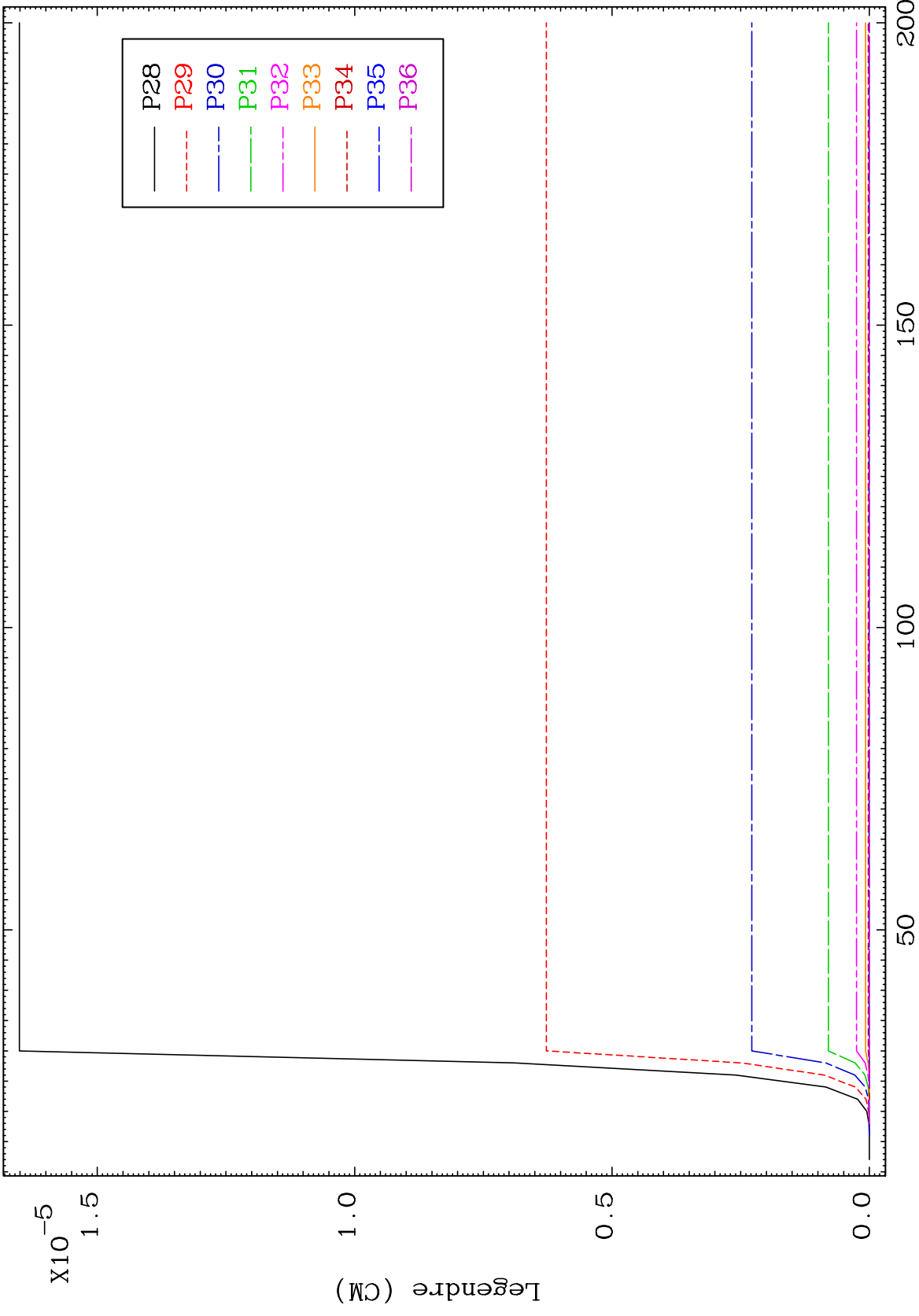




MAT 7610

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

76-Os-179



77

Incident Energy (MeV)

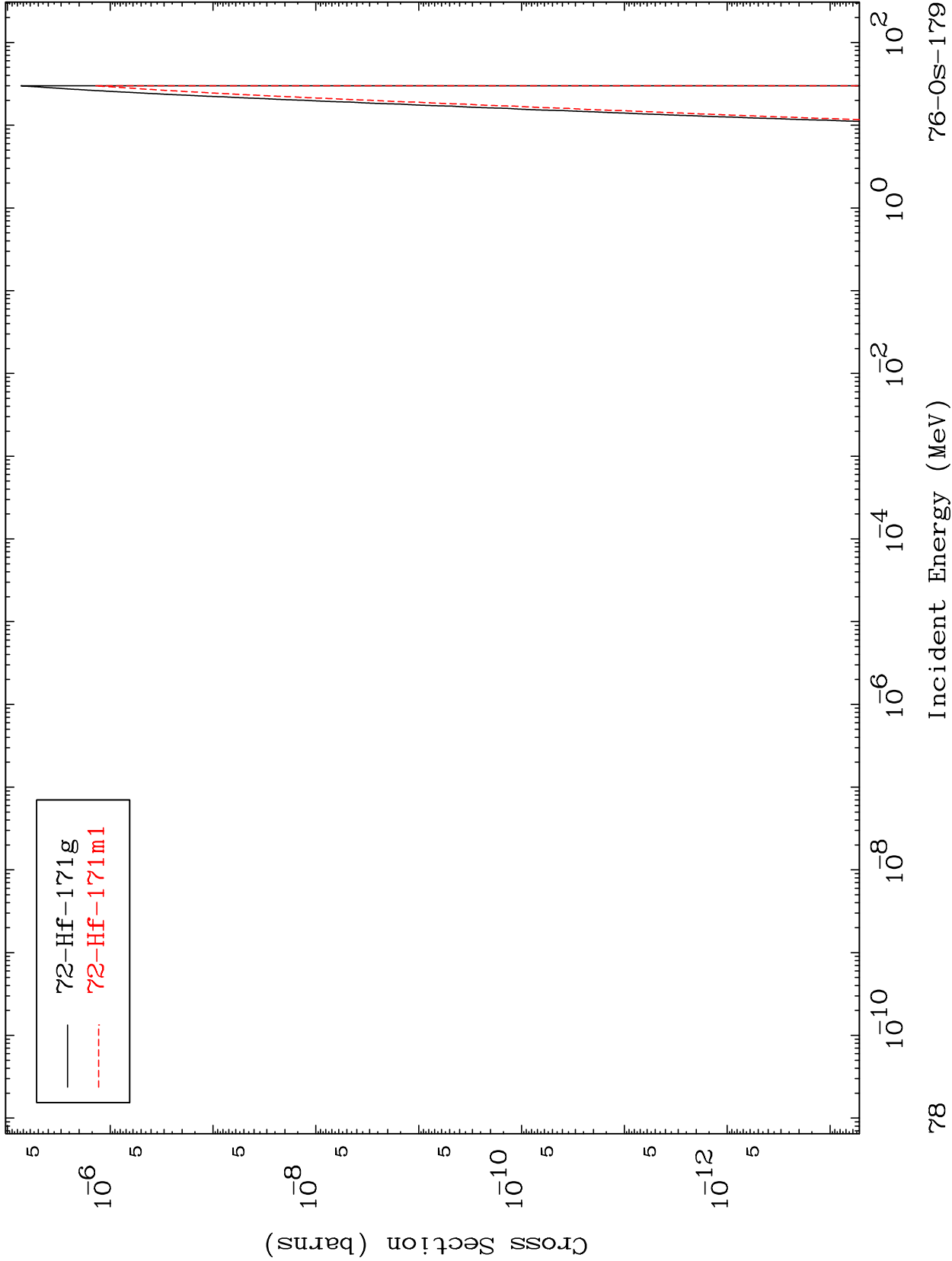
76-Os-179

MAT 7610

(n,n') 2α

76-Os-179

Radionuclide Production Cross Section



—  $^{72}\text{Hf-171g}$   
- - -  $^{72}\text{Hf-171m1}$

78

Incident Energy (MeV)

76-Os-179