

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

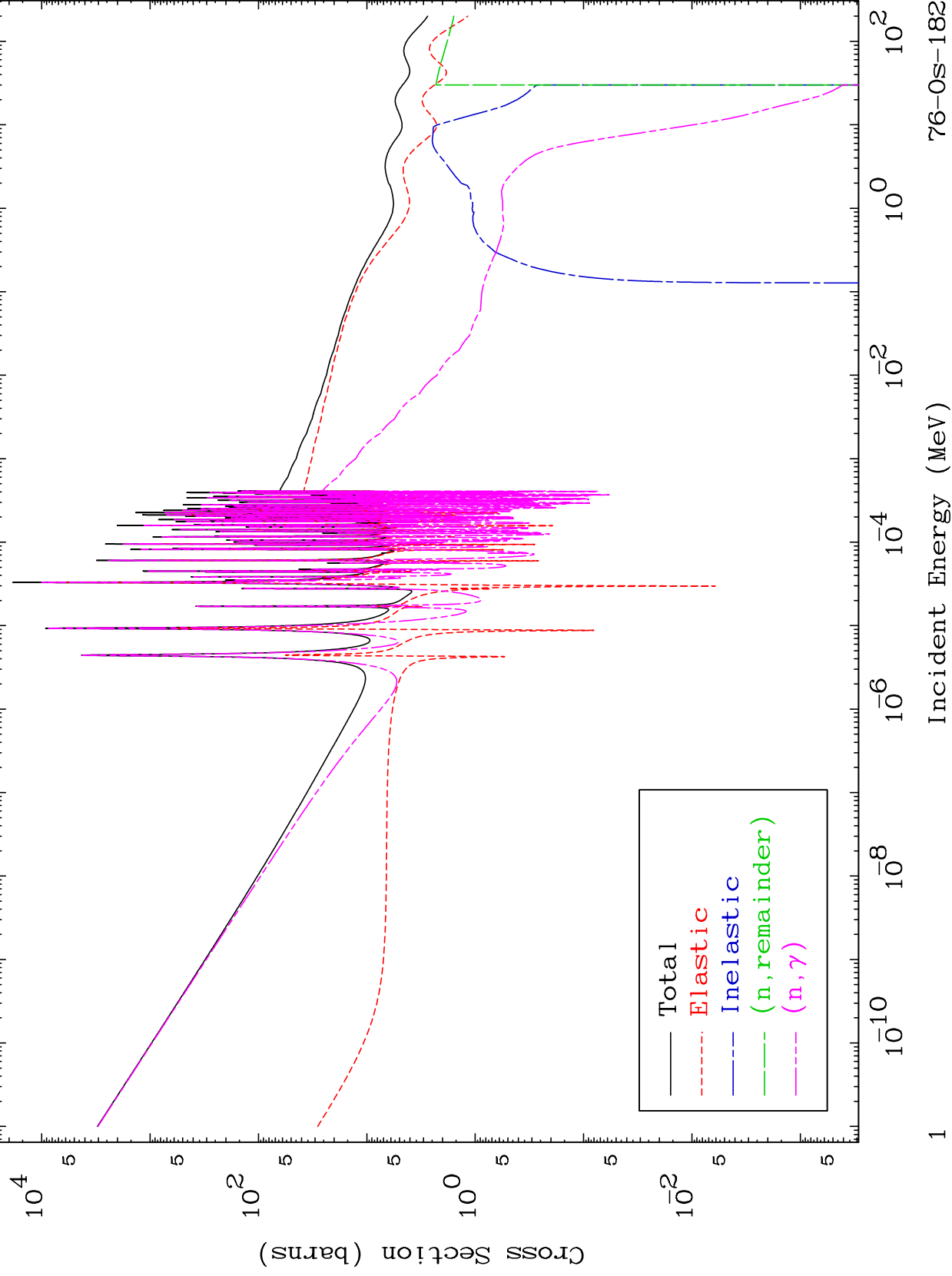
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7619

Major  
293 Kelvin Cross Sections

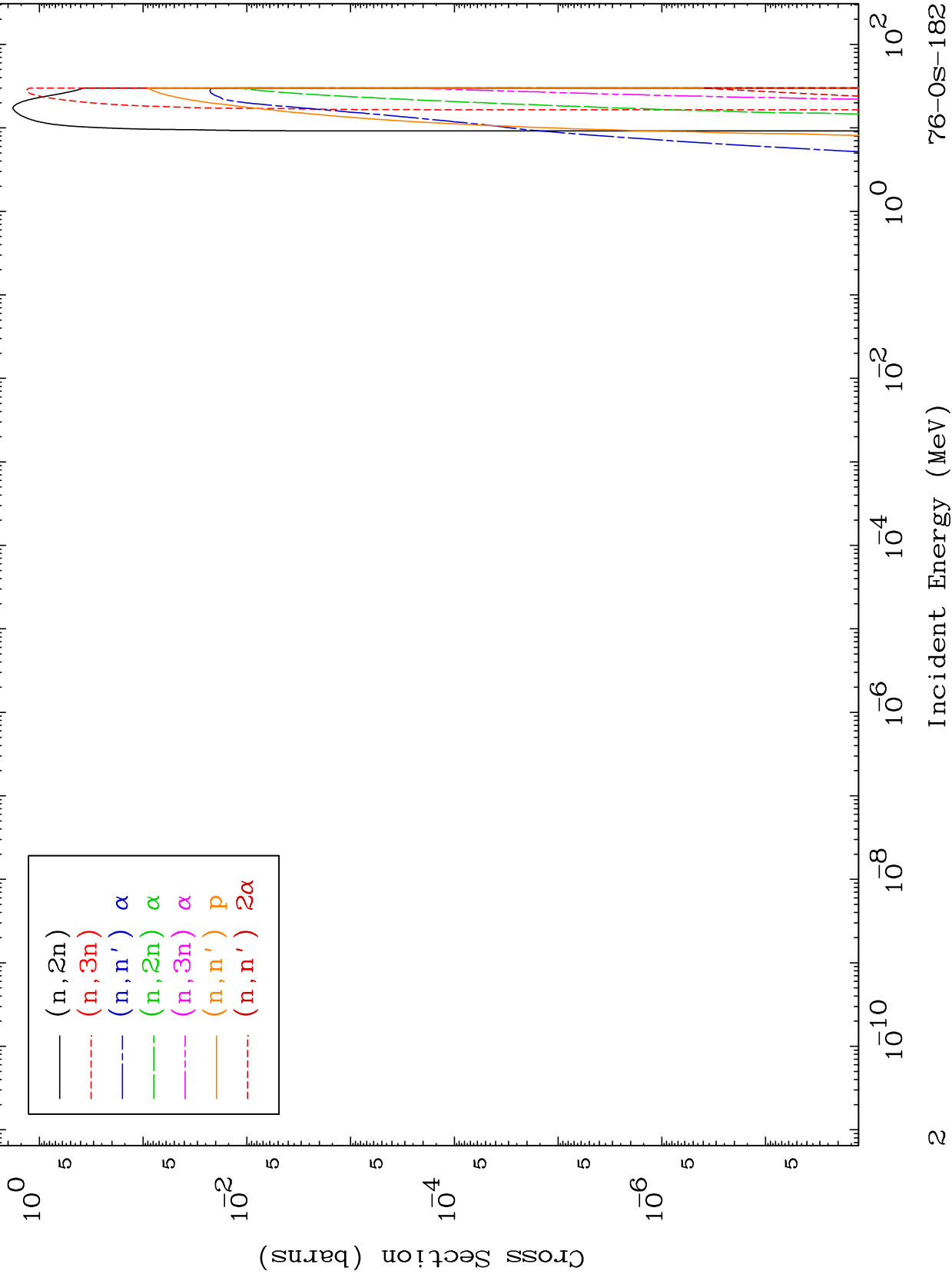
76-Os-182



MAT 7619

Neutron Production  
293 Kelvin Cross Sections

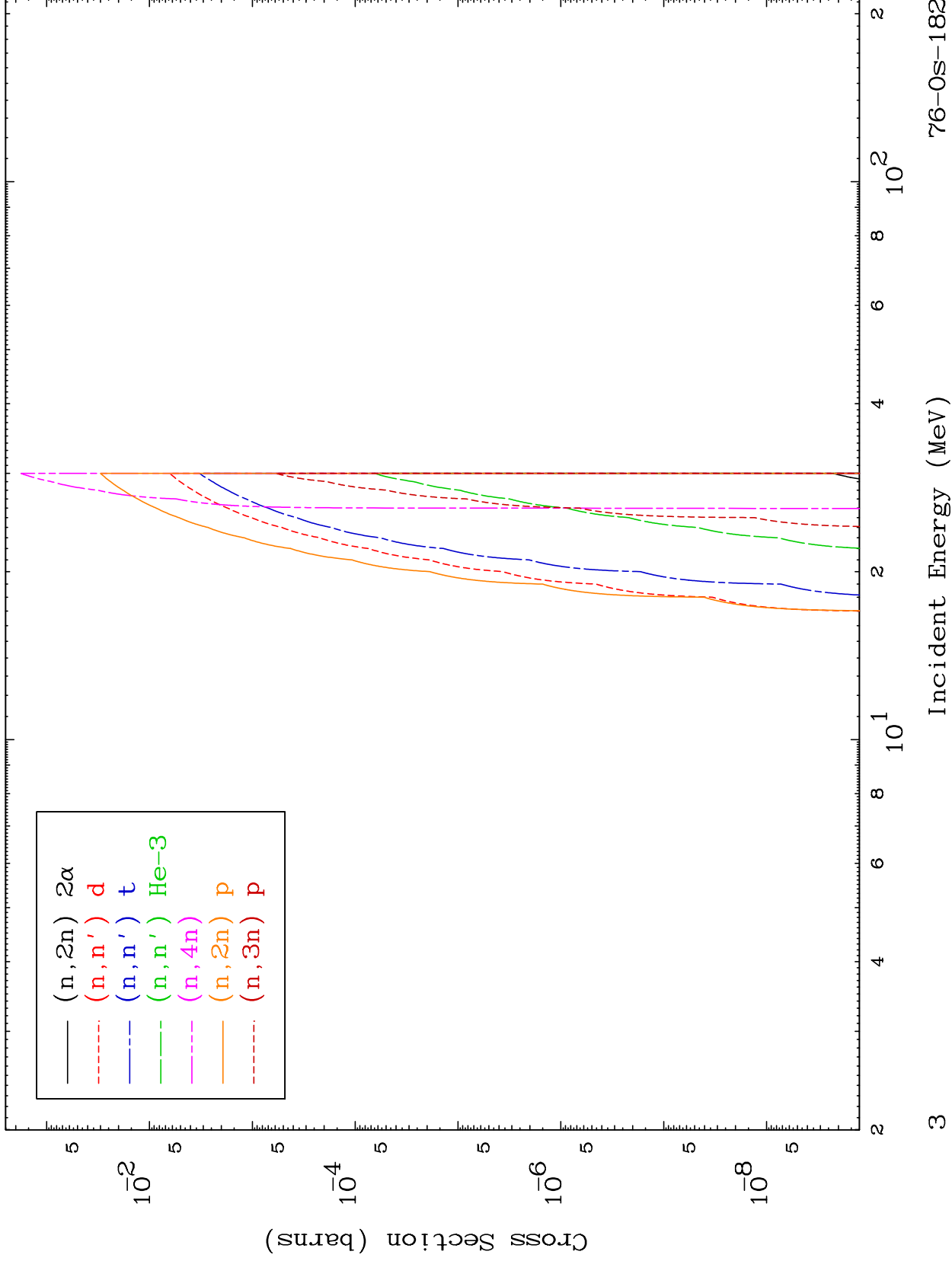
76-Os-182



MAT 7619

Neutron Production  
293 Kelvin Cross Sections

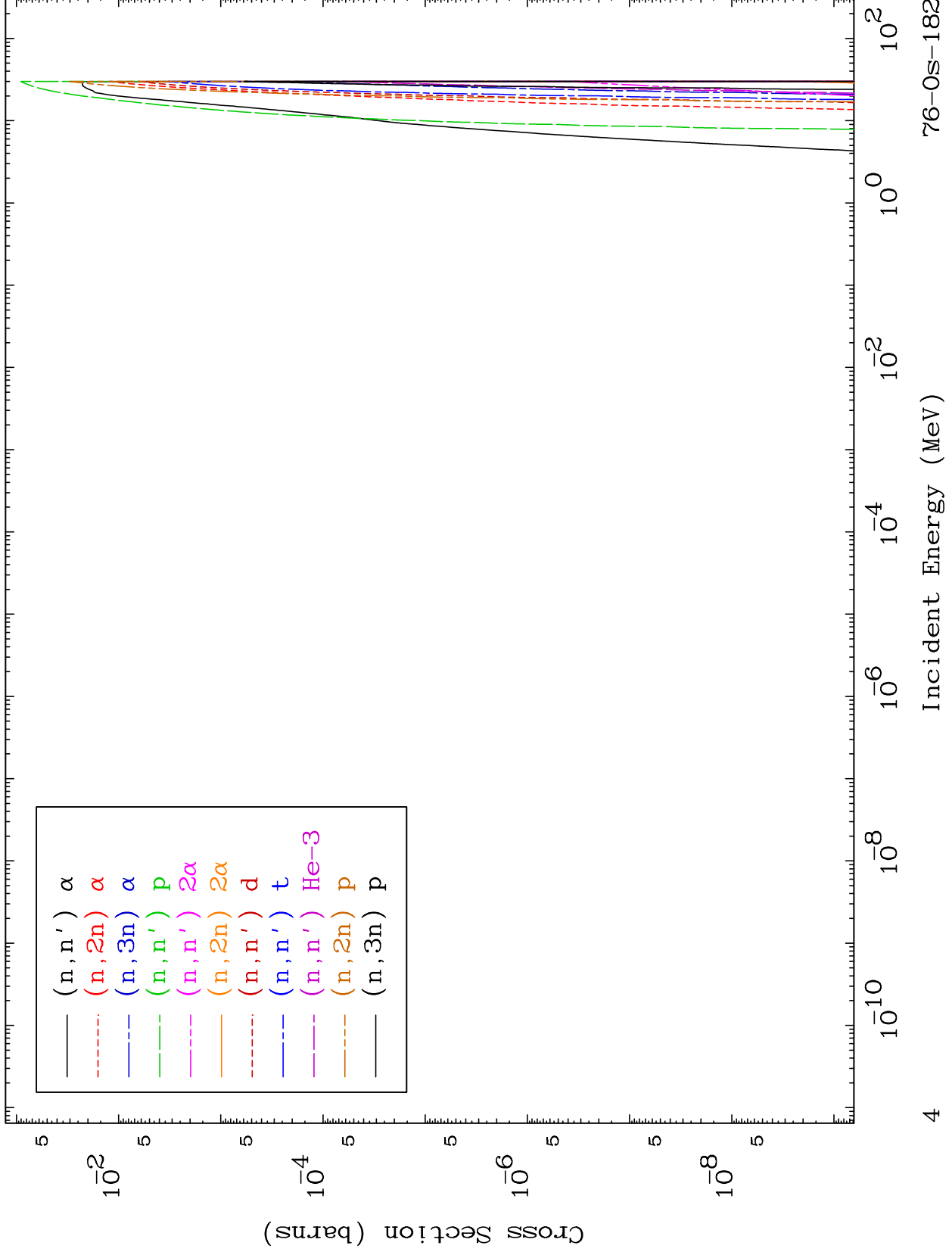
76-Os-182

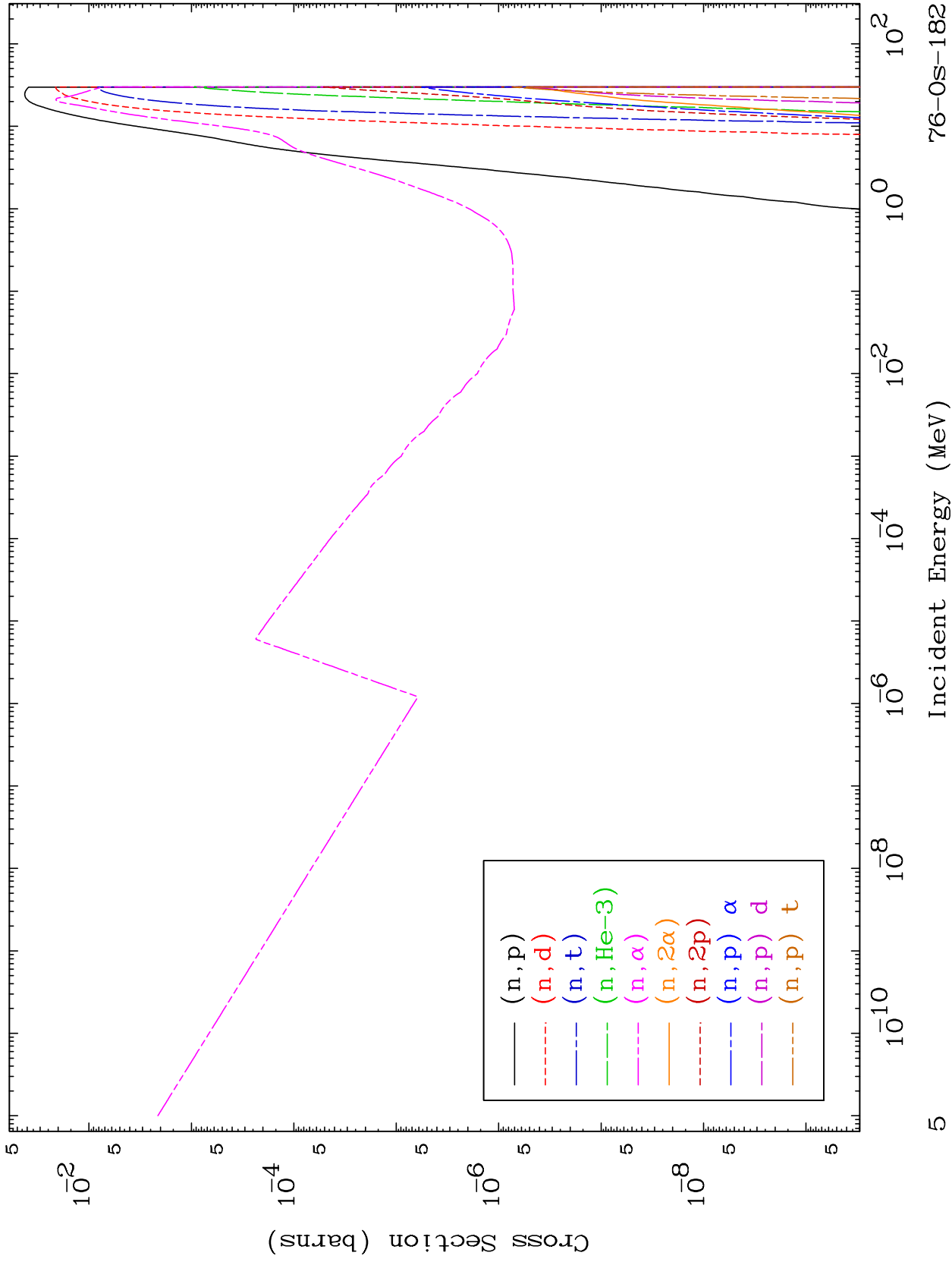


MAT 7619

Charged Particle  
293 Kelvin Cross Sections

76-Os-182

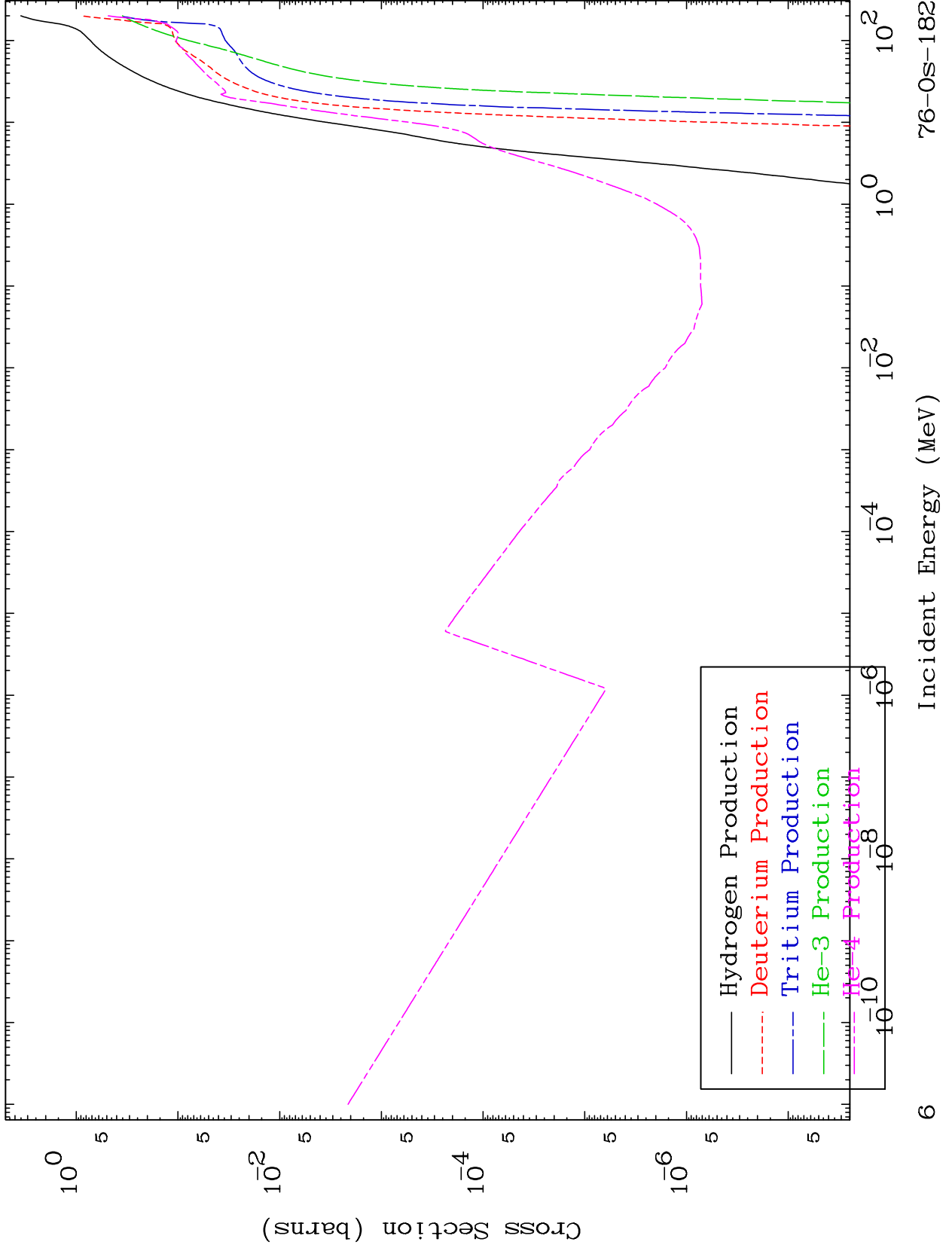




MAT 7619

Particle Production  
293 Kelvin Cross Sections

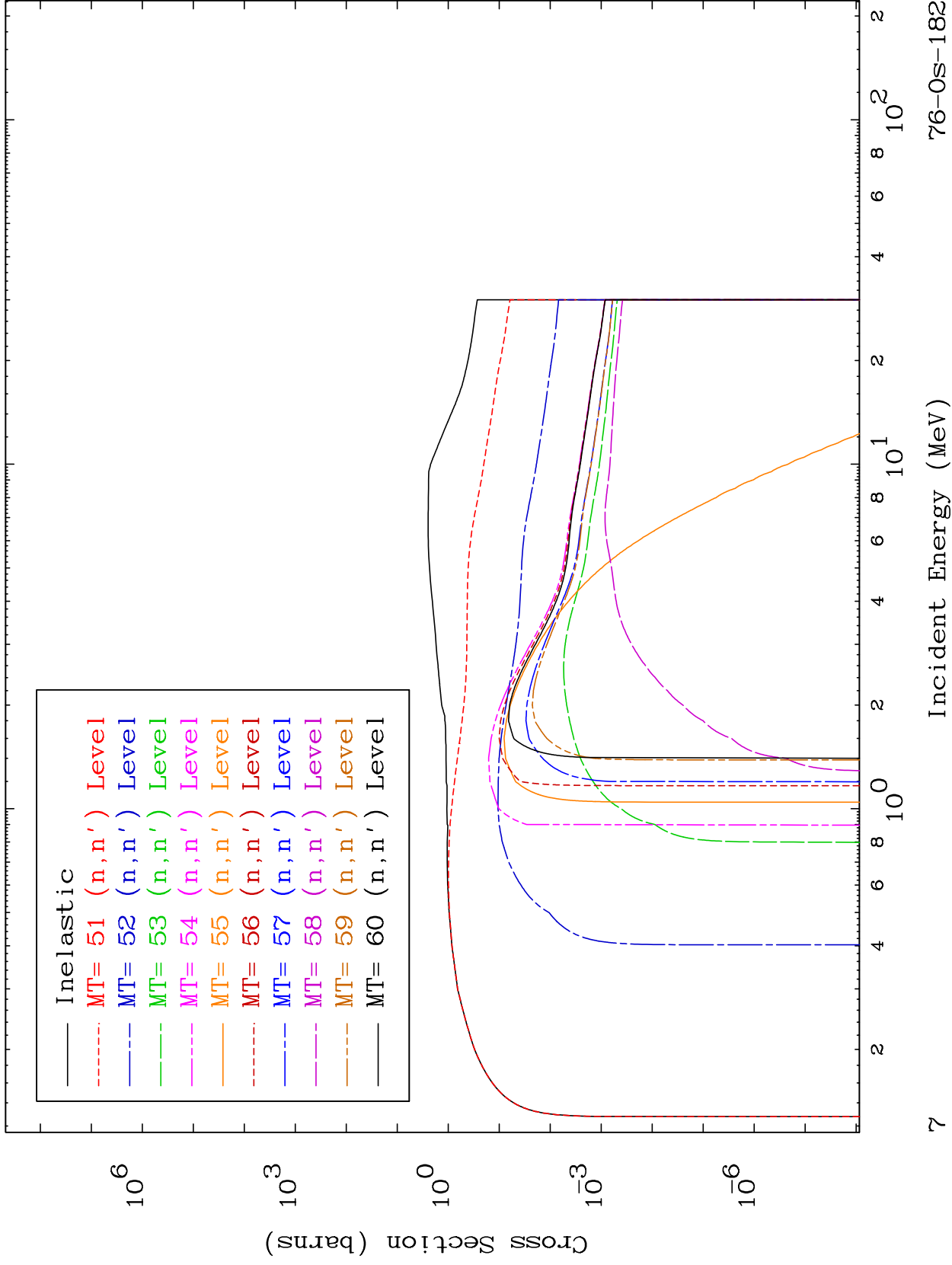
76-Os-182



MAT 7619

(n,n') Level  
293 Kelvin Cross Sections

76-Os-182



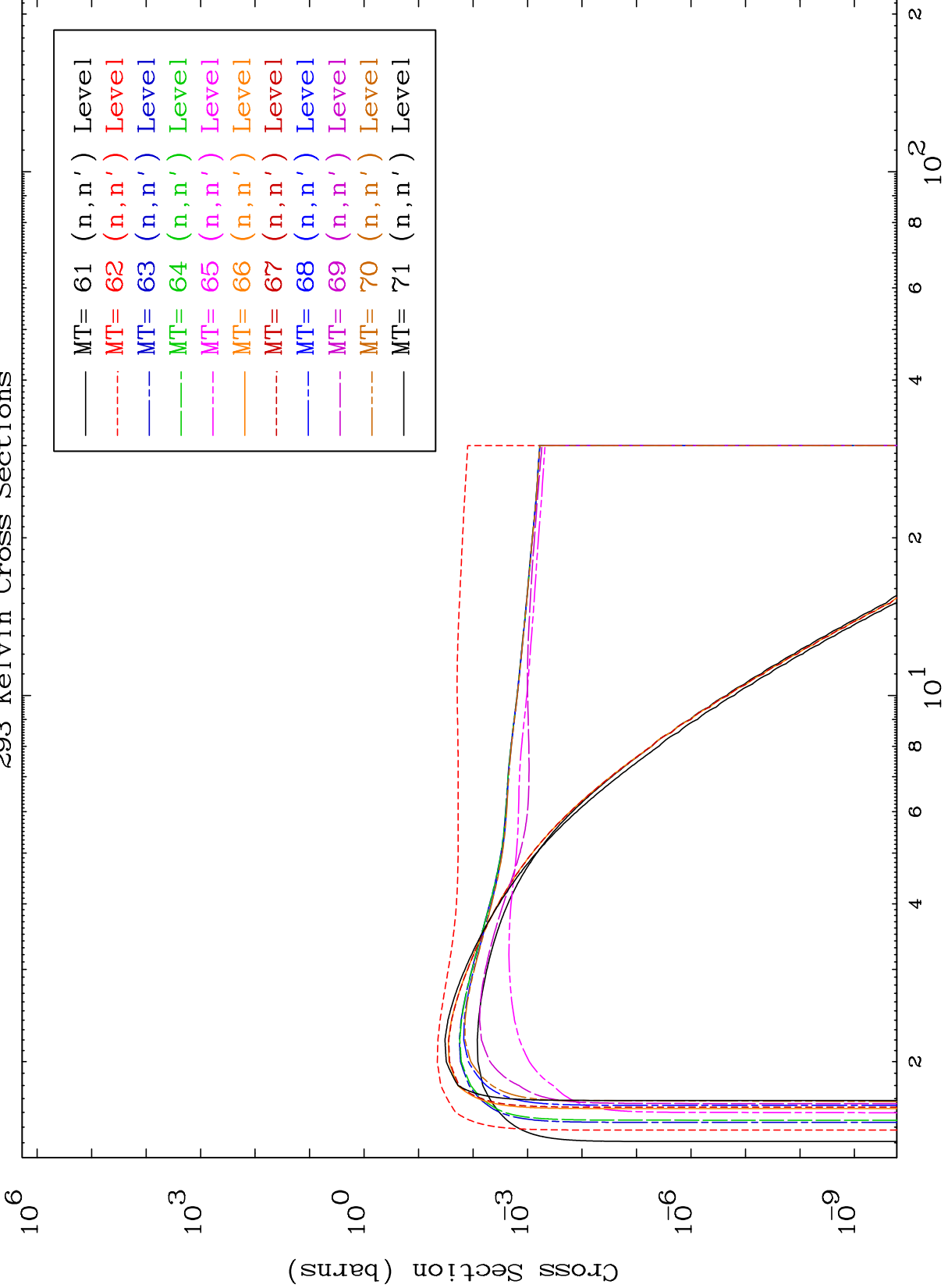


MAT 7619

(n,n') Level

76-Os-182

293 Kelvin Cross Sections



8

Incident Energy (MeV)

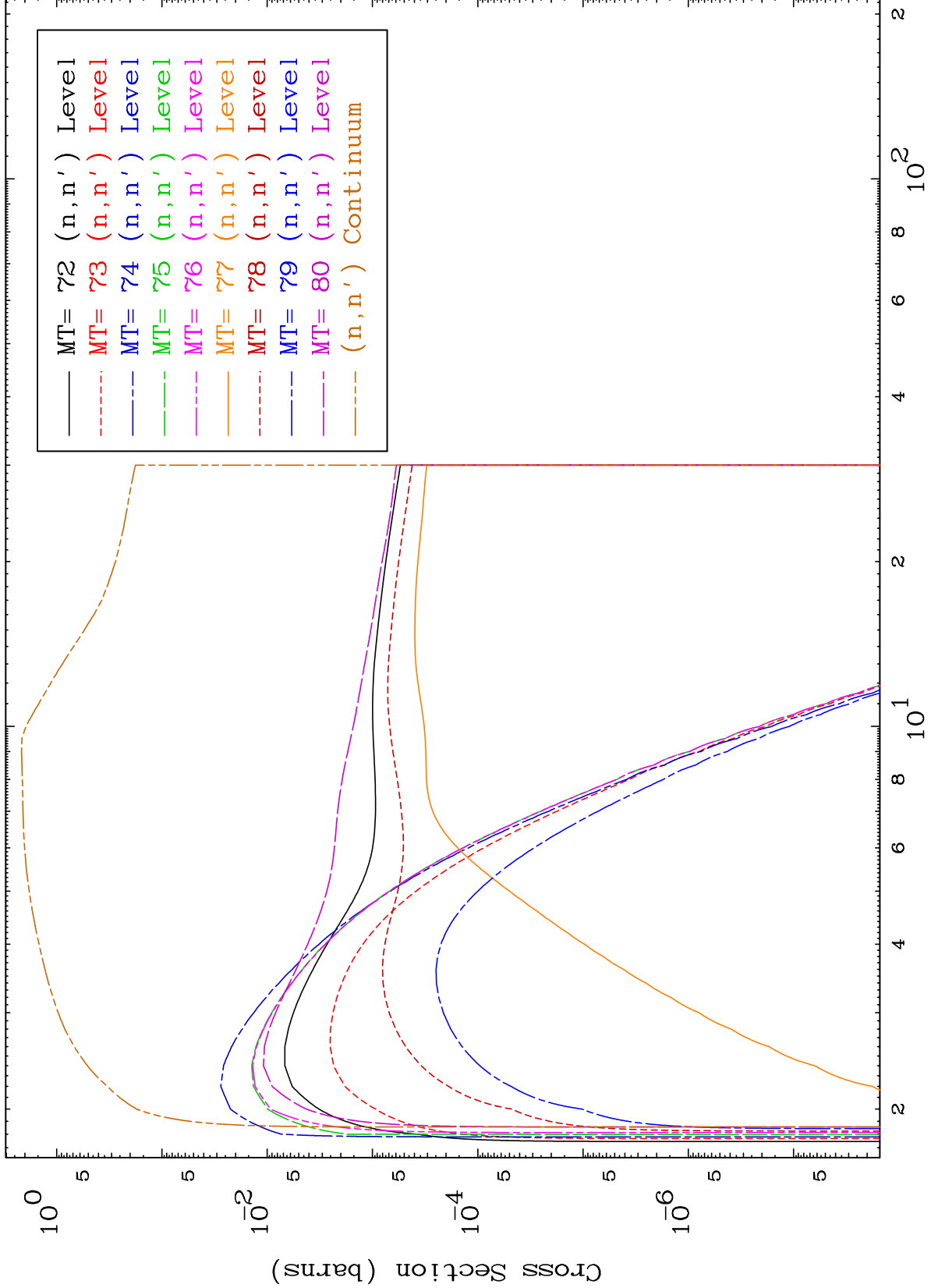
76-Os-182

MAT 7619

(n,n') Level

76-Os-182

293 Kelvin Cross Sections



9

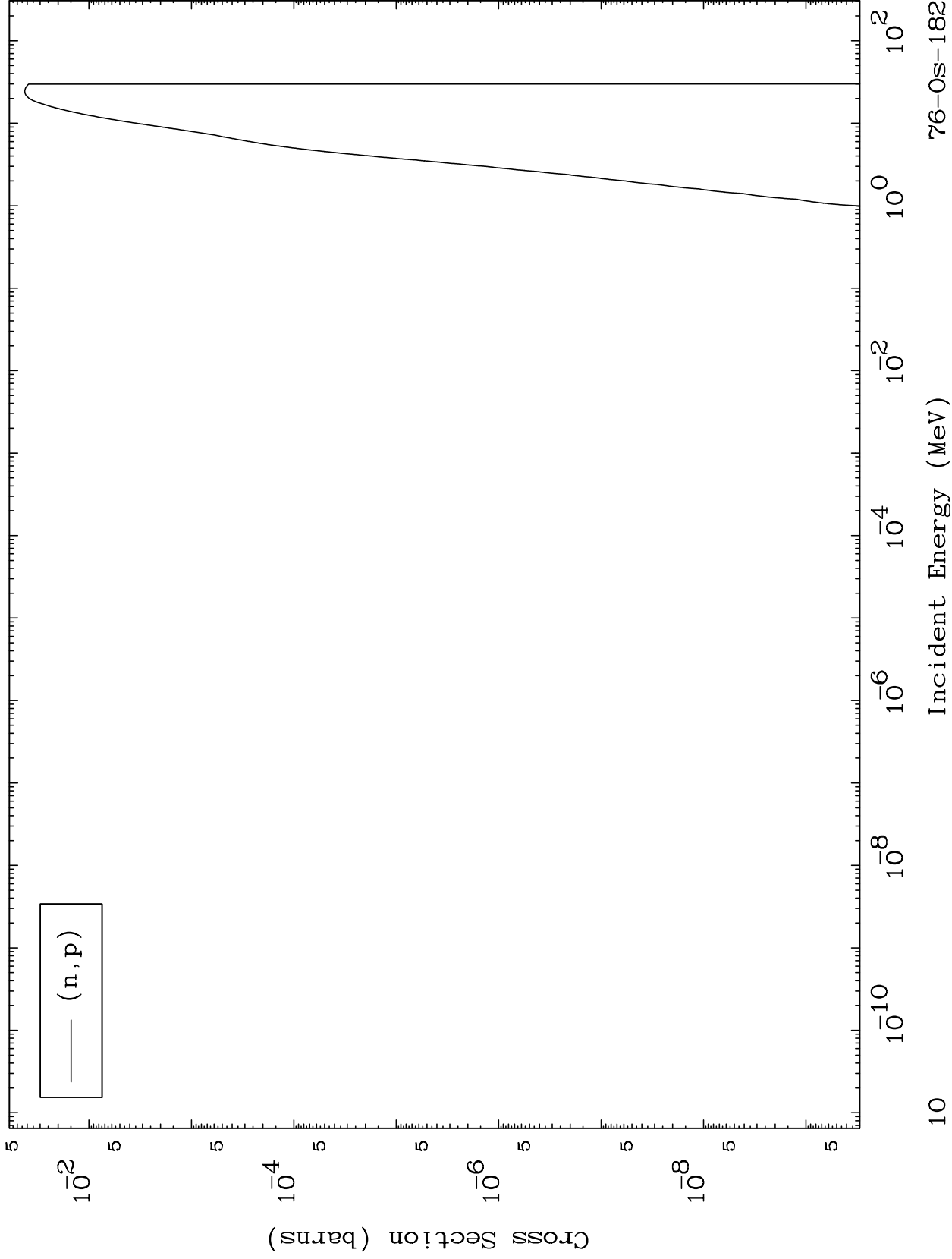
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,p) Levels  
293 Kelvin Cross Sections

76-Os-182



10

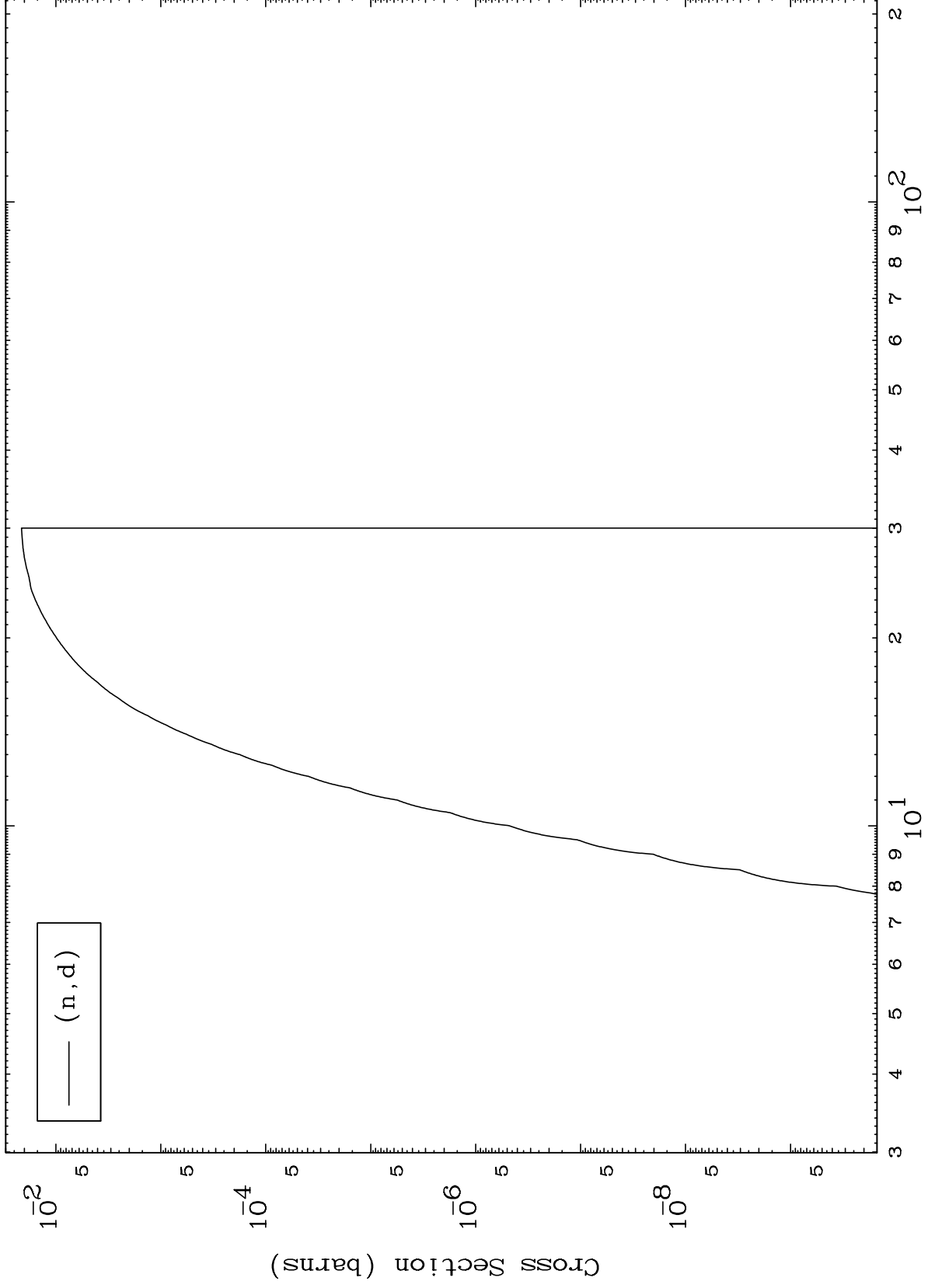
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,d) Levels  
293 Kelvin Cross Sections

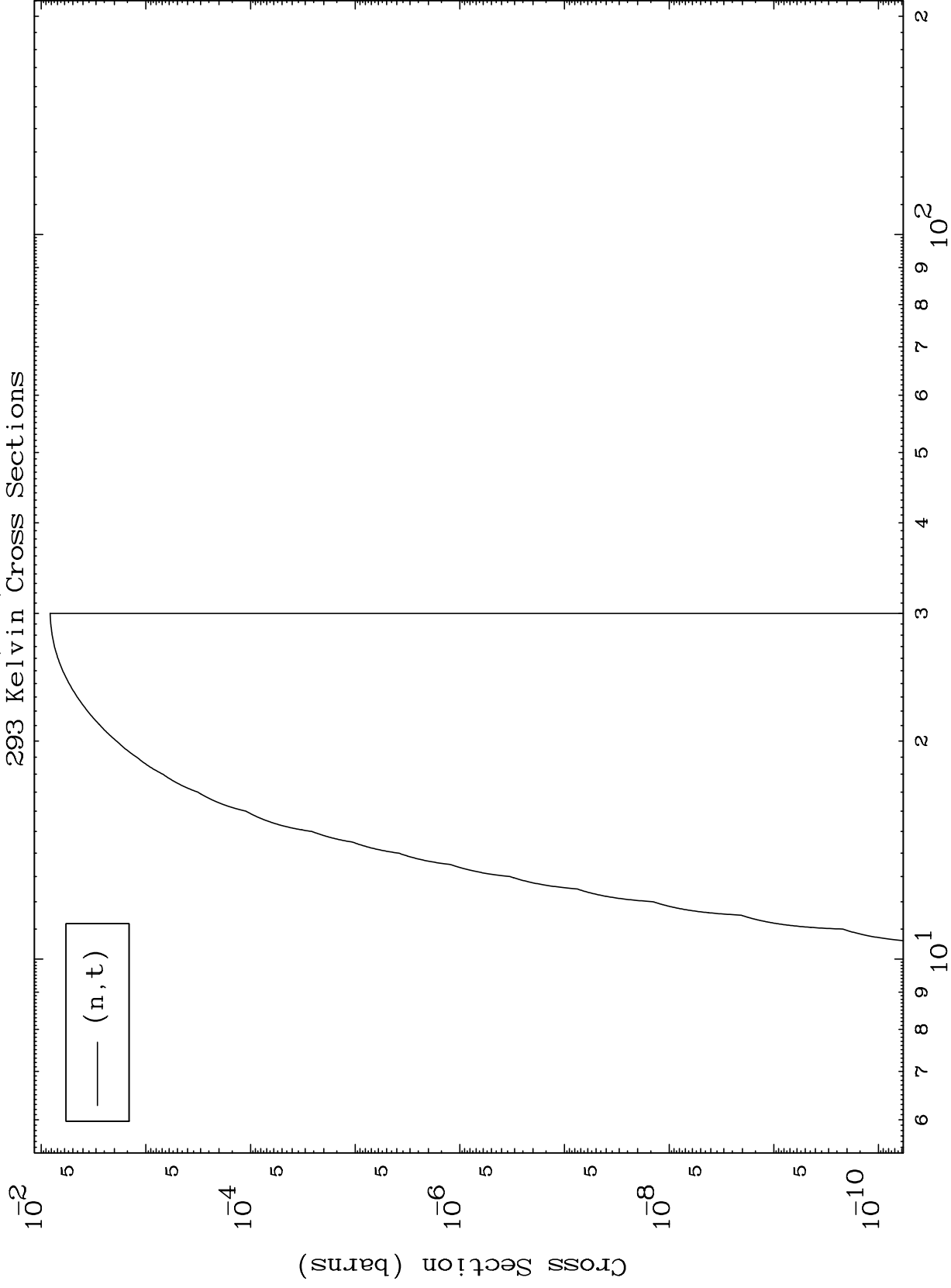
76-Os-182



MAT 7619

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-182



12

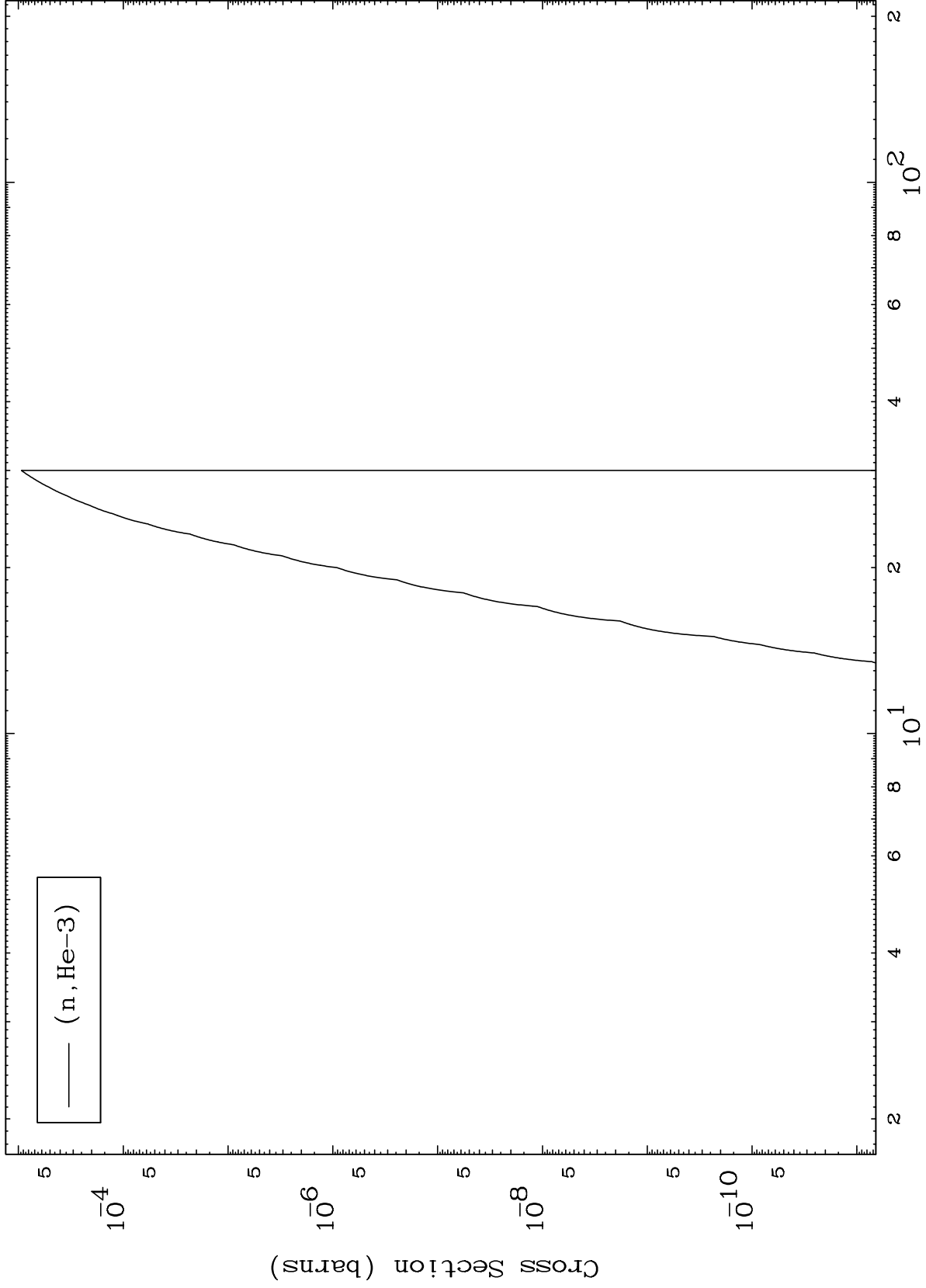
Incident Energy (MeV)

76-Os-182

MAT 7619

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-182



13

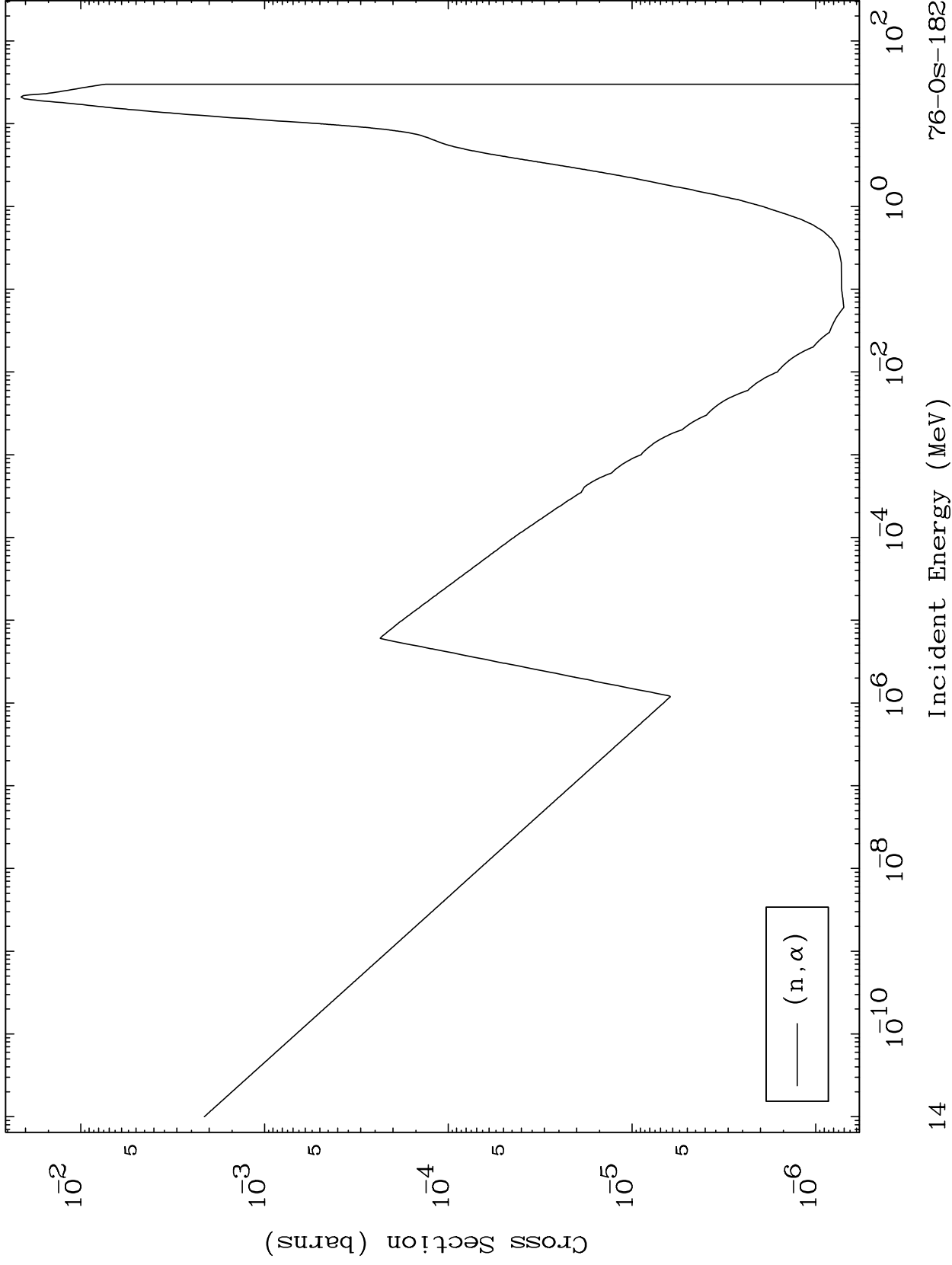
Incident Energy (MeV)

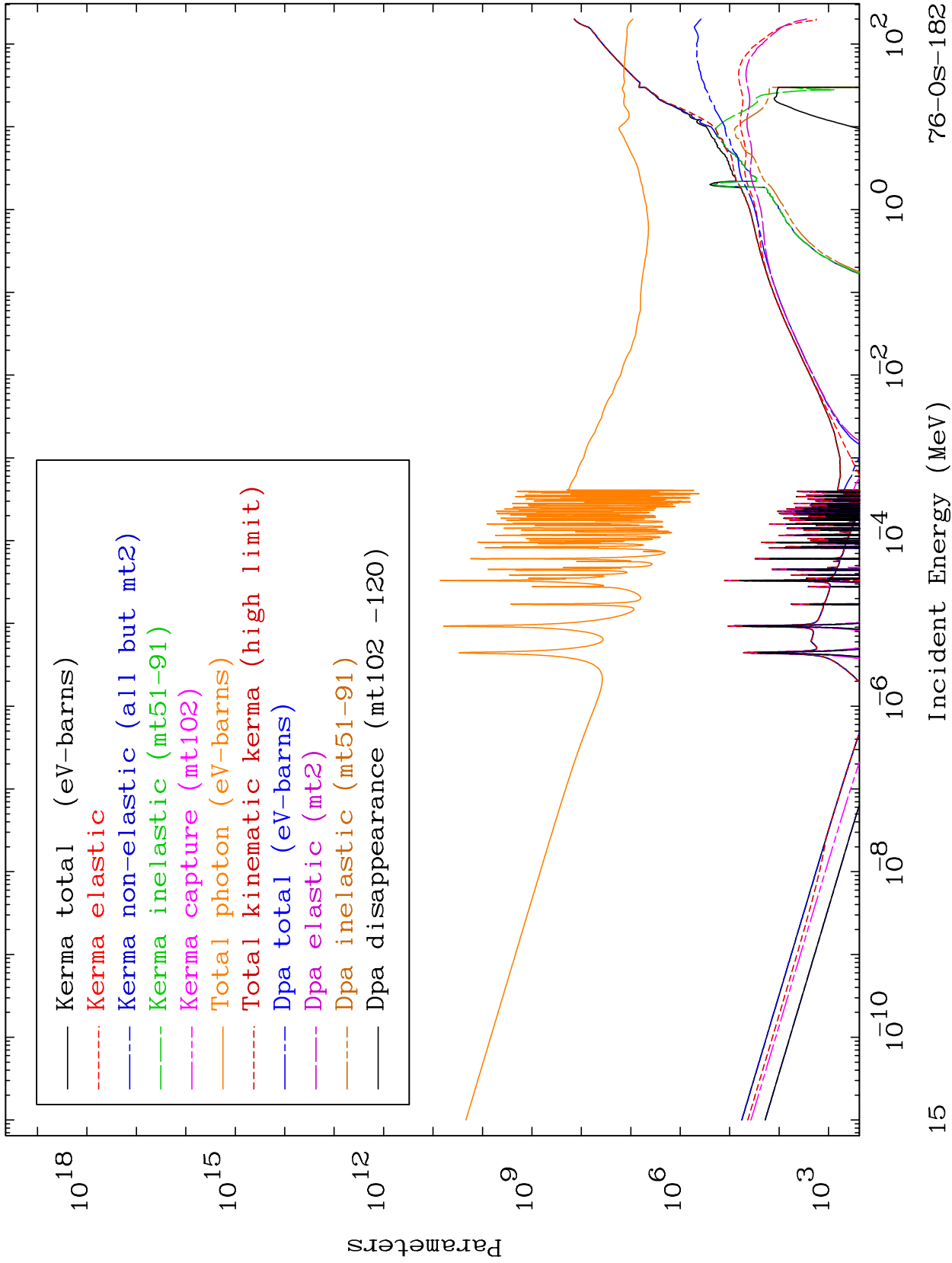
76-Os-182

MAT 7619

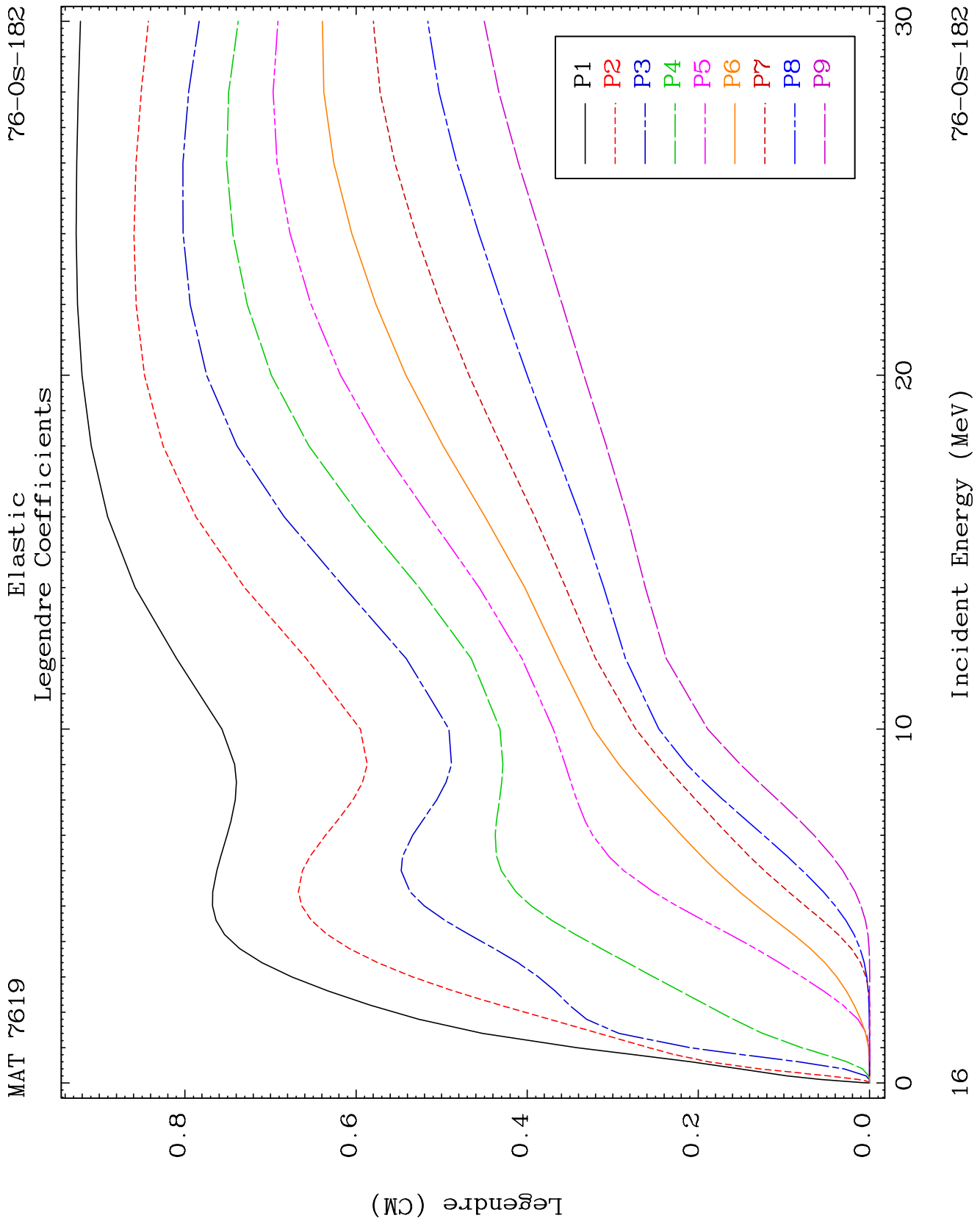
(n,α) Levels  
293 Kelvin Cross Sections

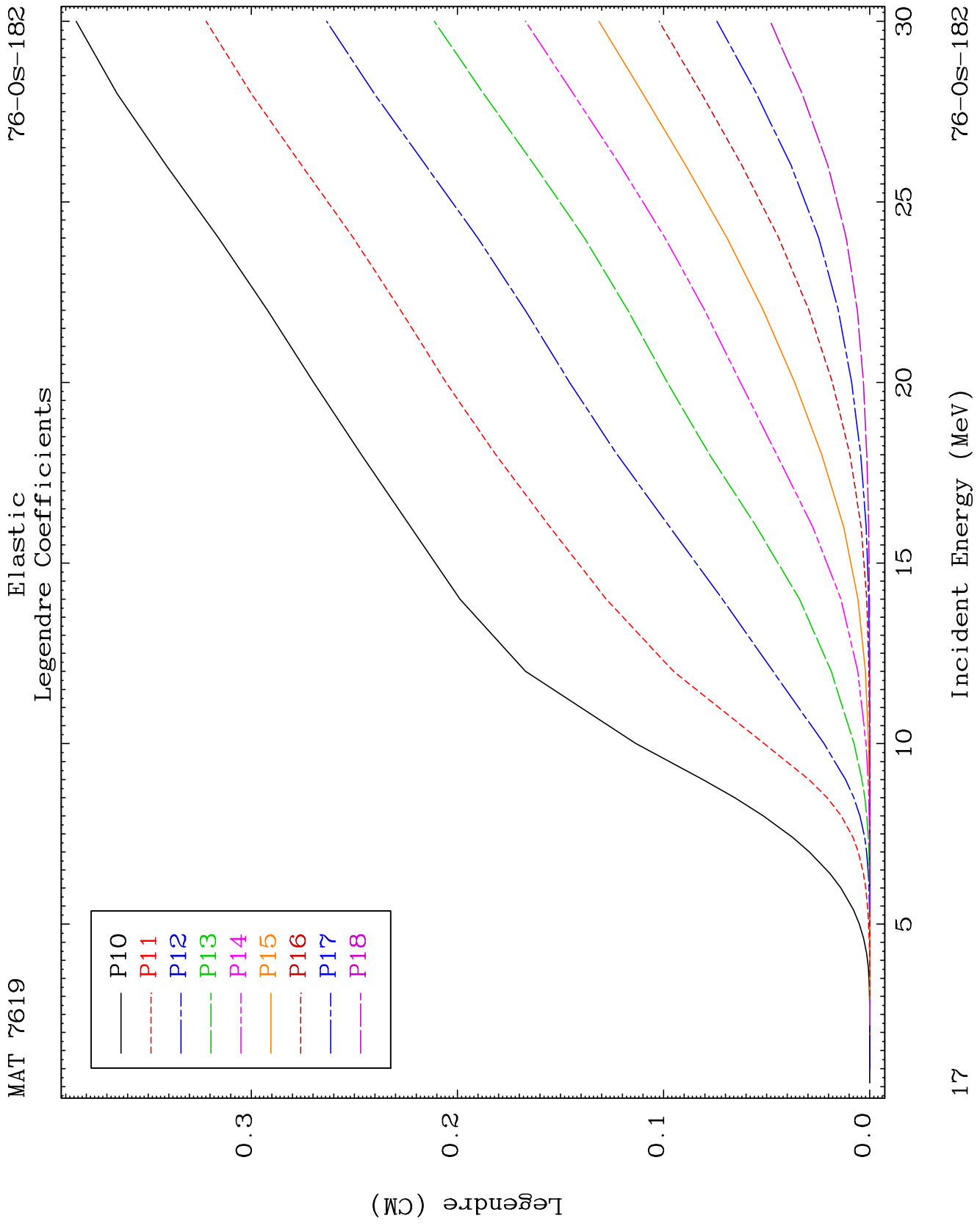
76-Os-182











MAT 7619

Elastic Legendre Coefficients

76-0s-182

17

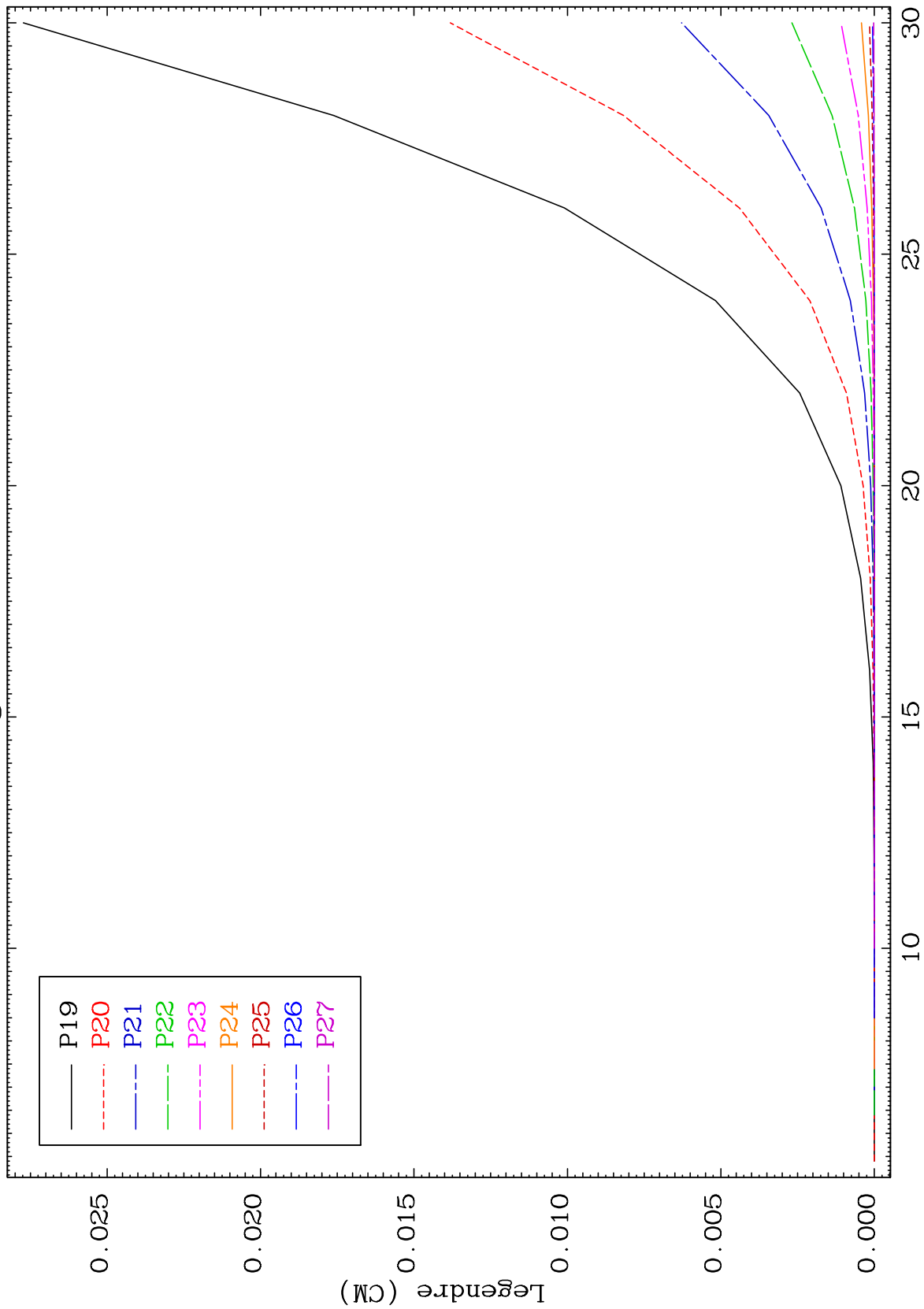
Incident Energy (MeV)

76-0s-182

MAT 7619

Elastic Legendre Coefficients

76-0s-182



18

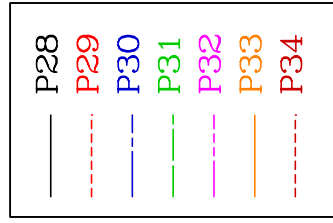
Incident Energy (MeV)

76-0s-182

MAT 7619

Elastic  
Legendre Coefficients

76-0s-182



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

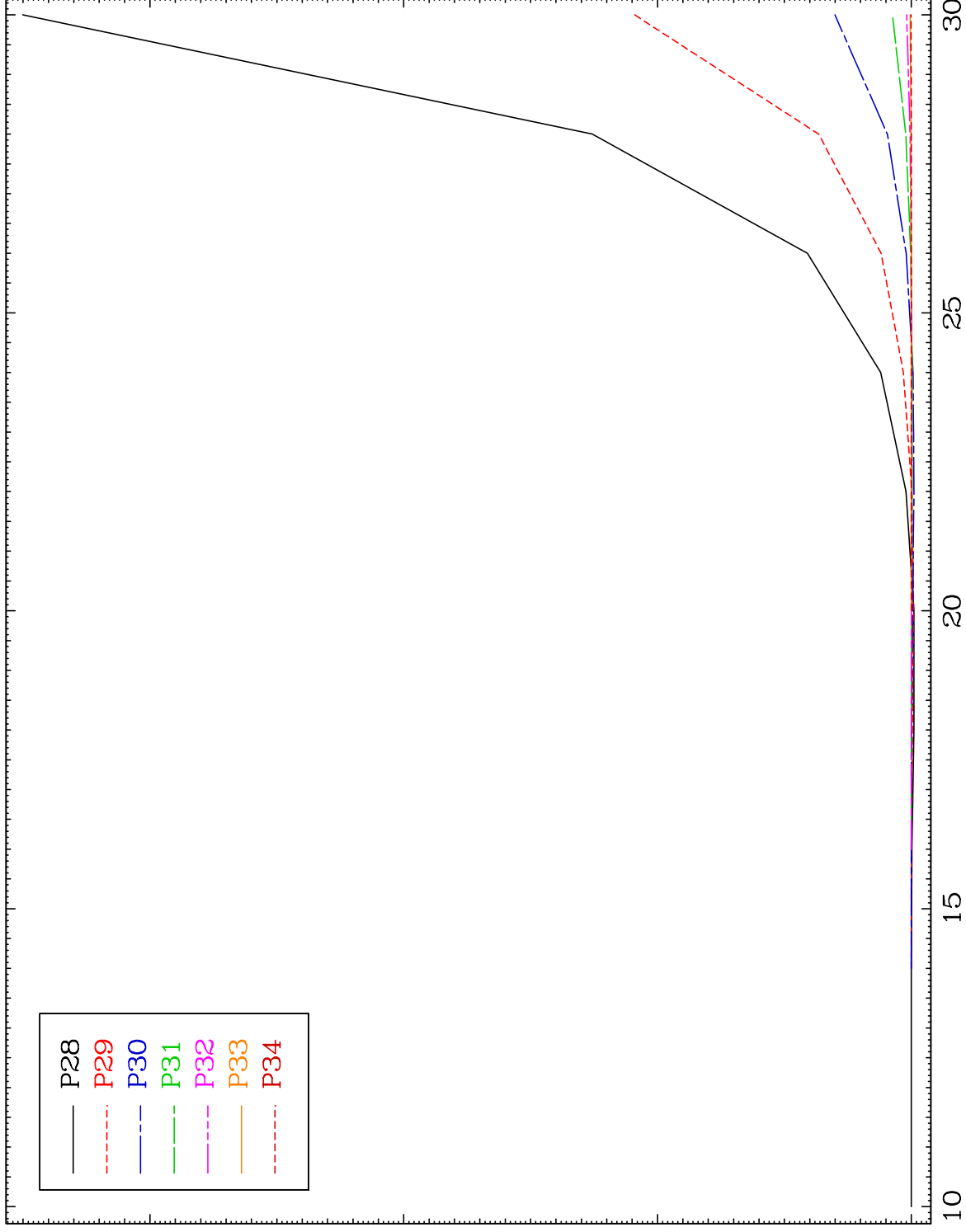
25

30

19

Incident Energy (MeV)

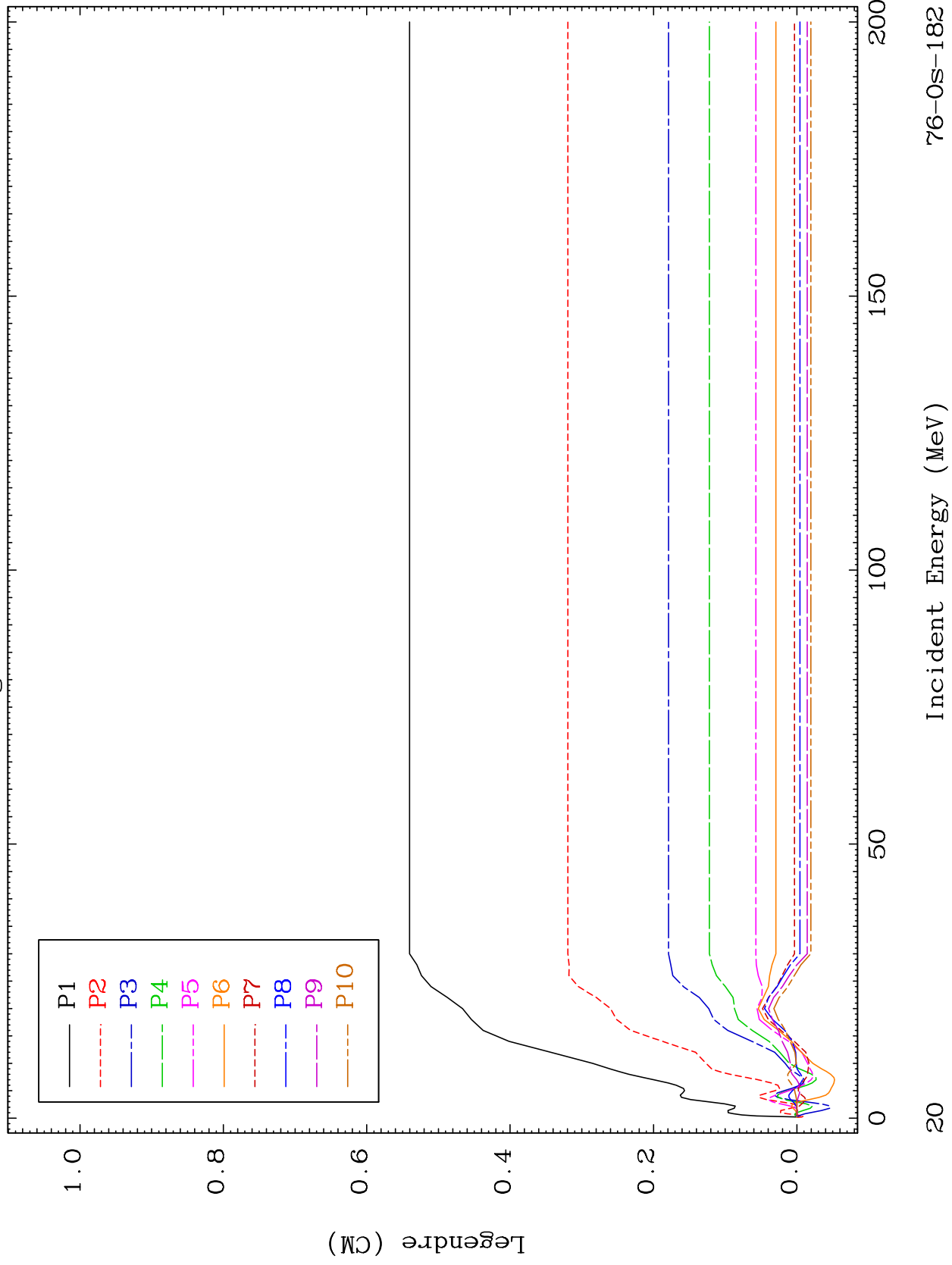
76-0s-182



MAT 7619

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

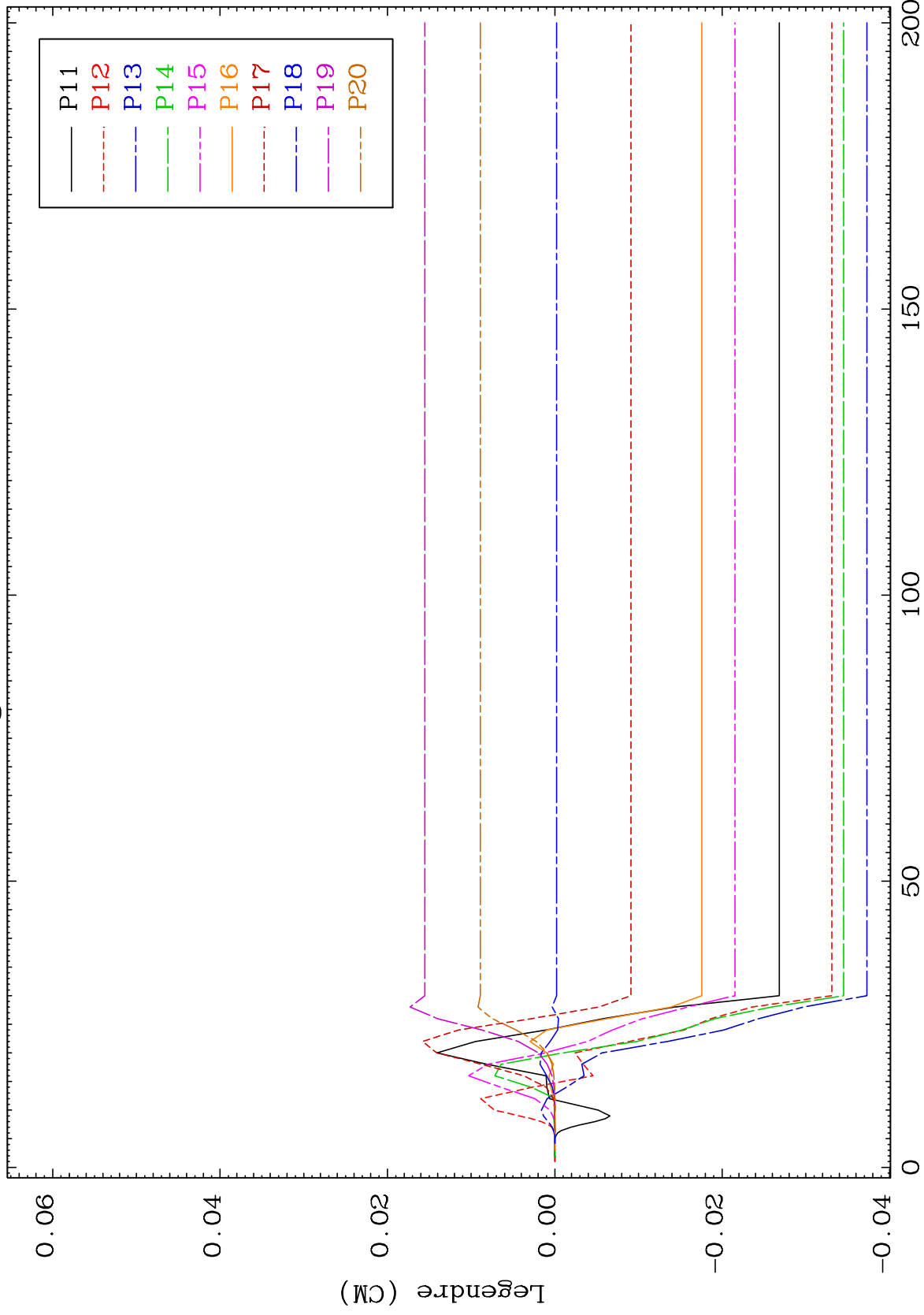
76-0s-182



MAT 7619

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

76-Os-182



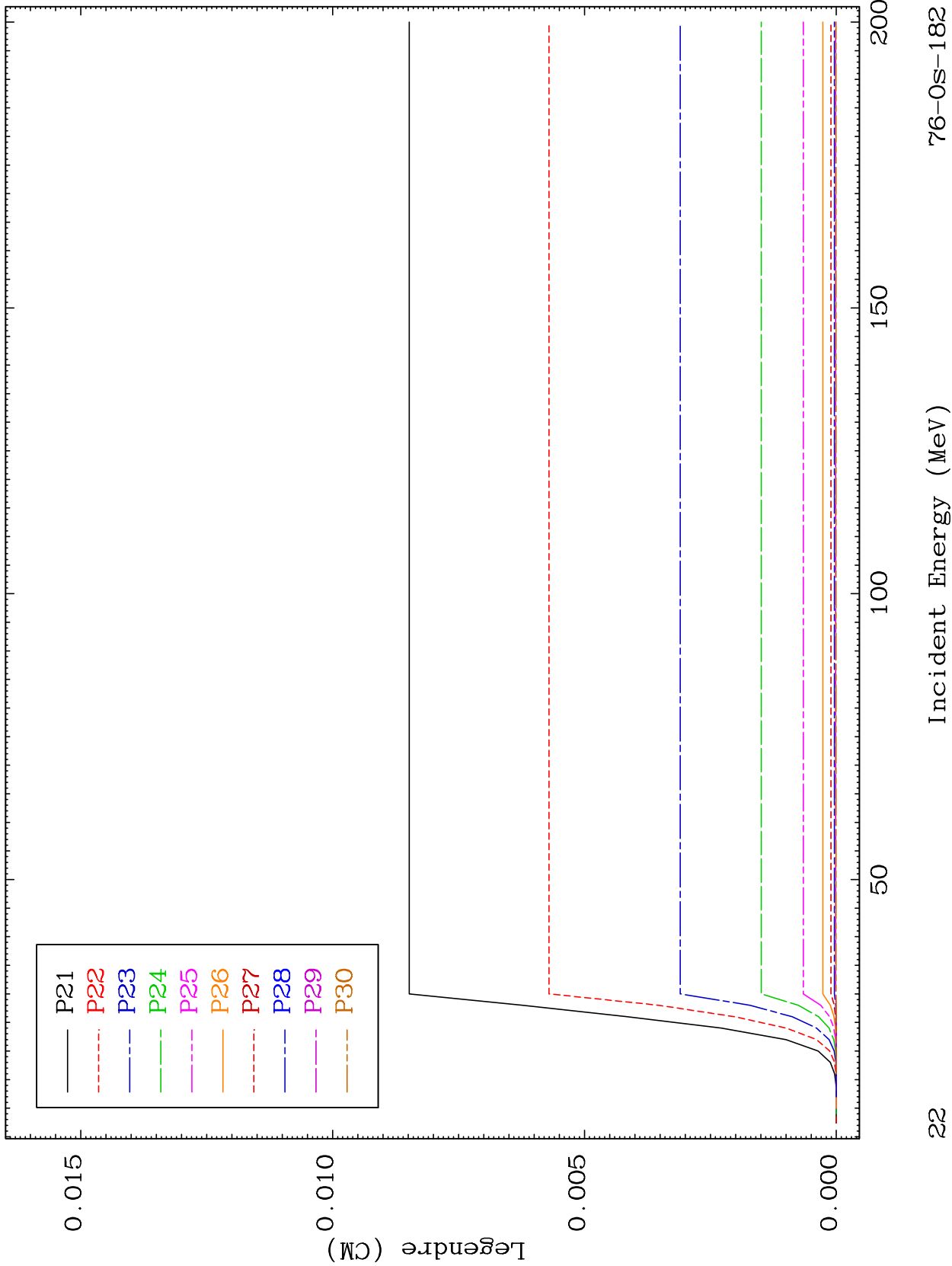
21

76-Os-182

MAT 7619

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

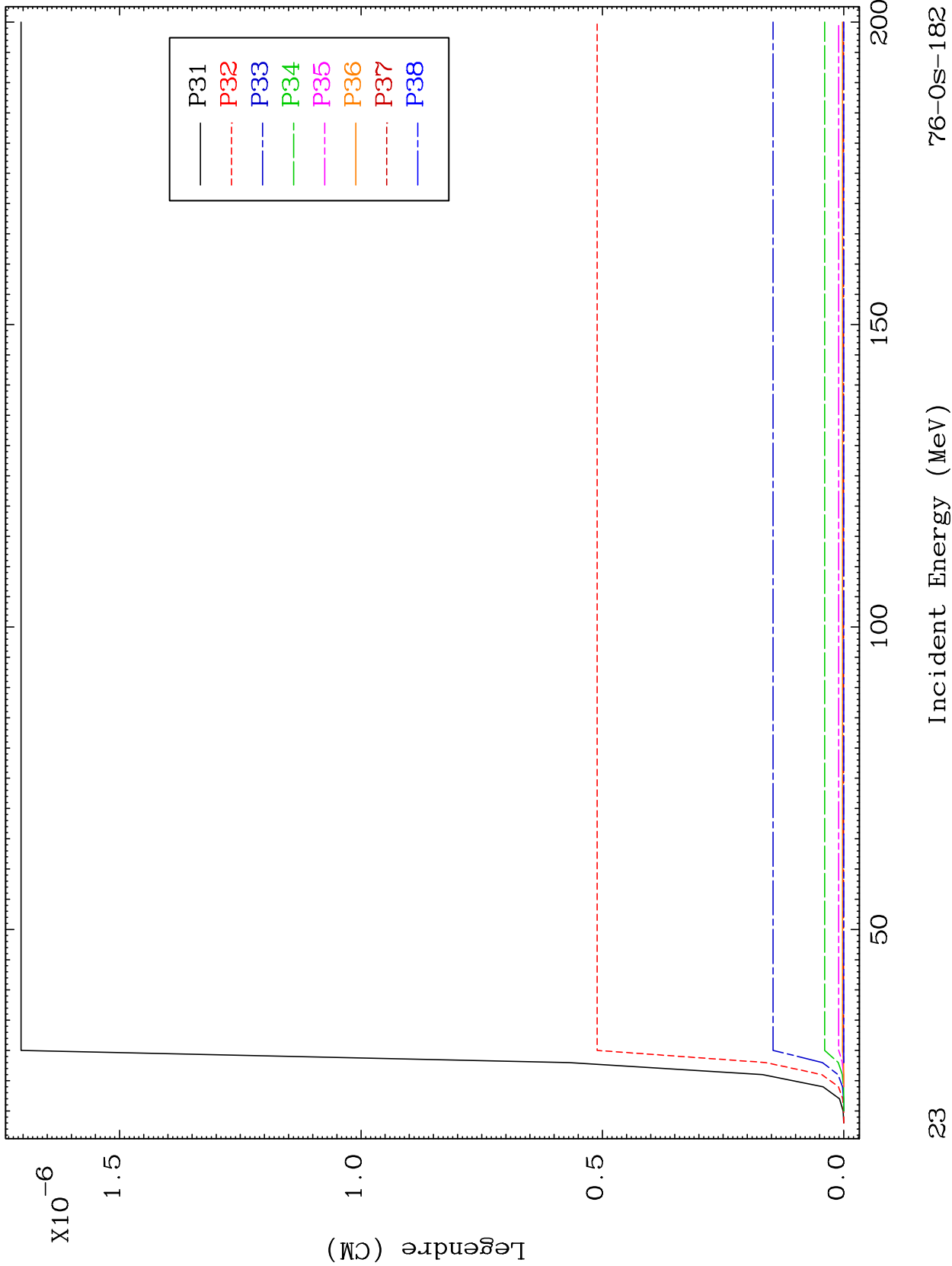
76-0s-182



MAT 7619

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

76-Os-182

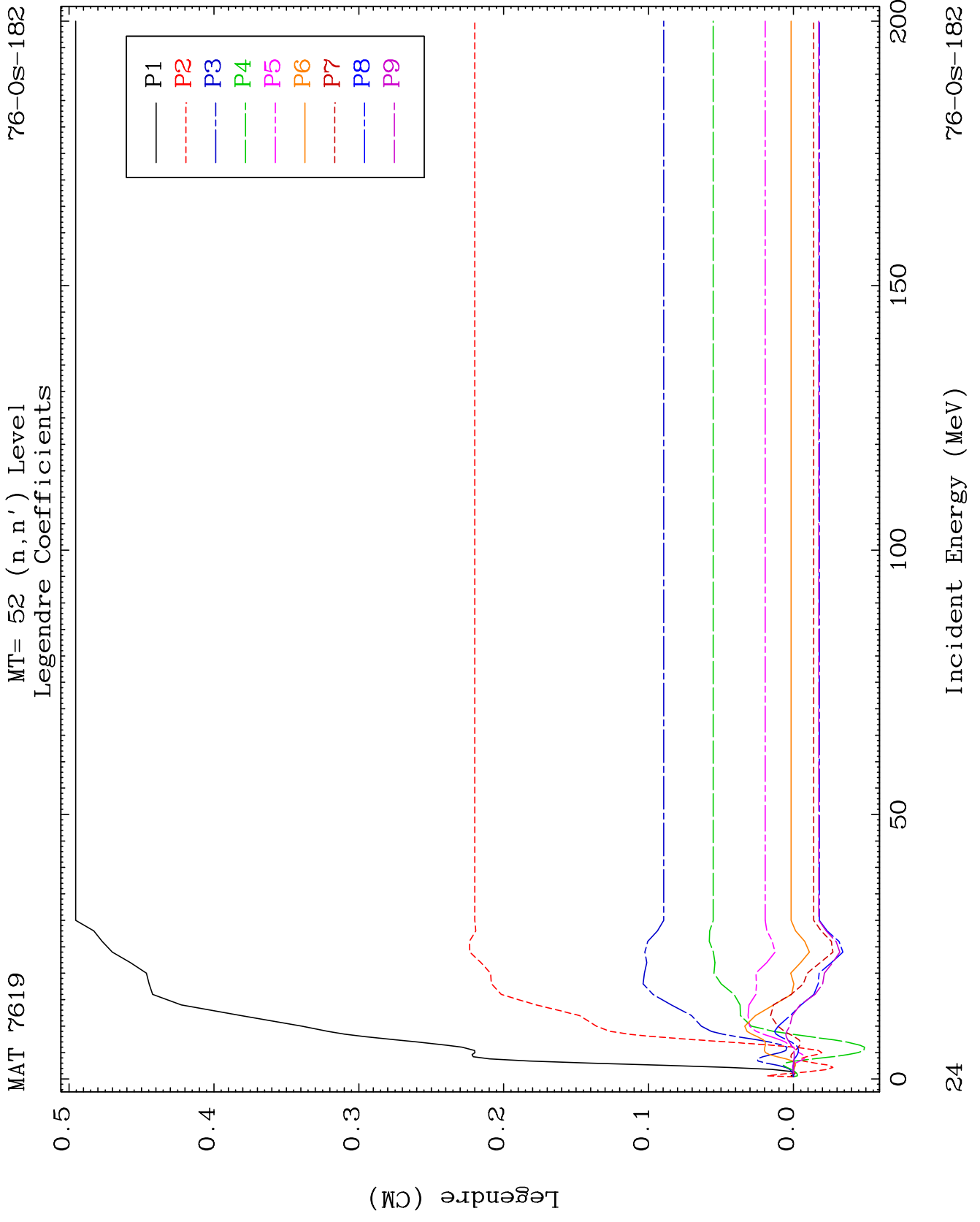


23

Incident Energy (MeV)

76-Os-182

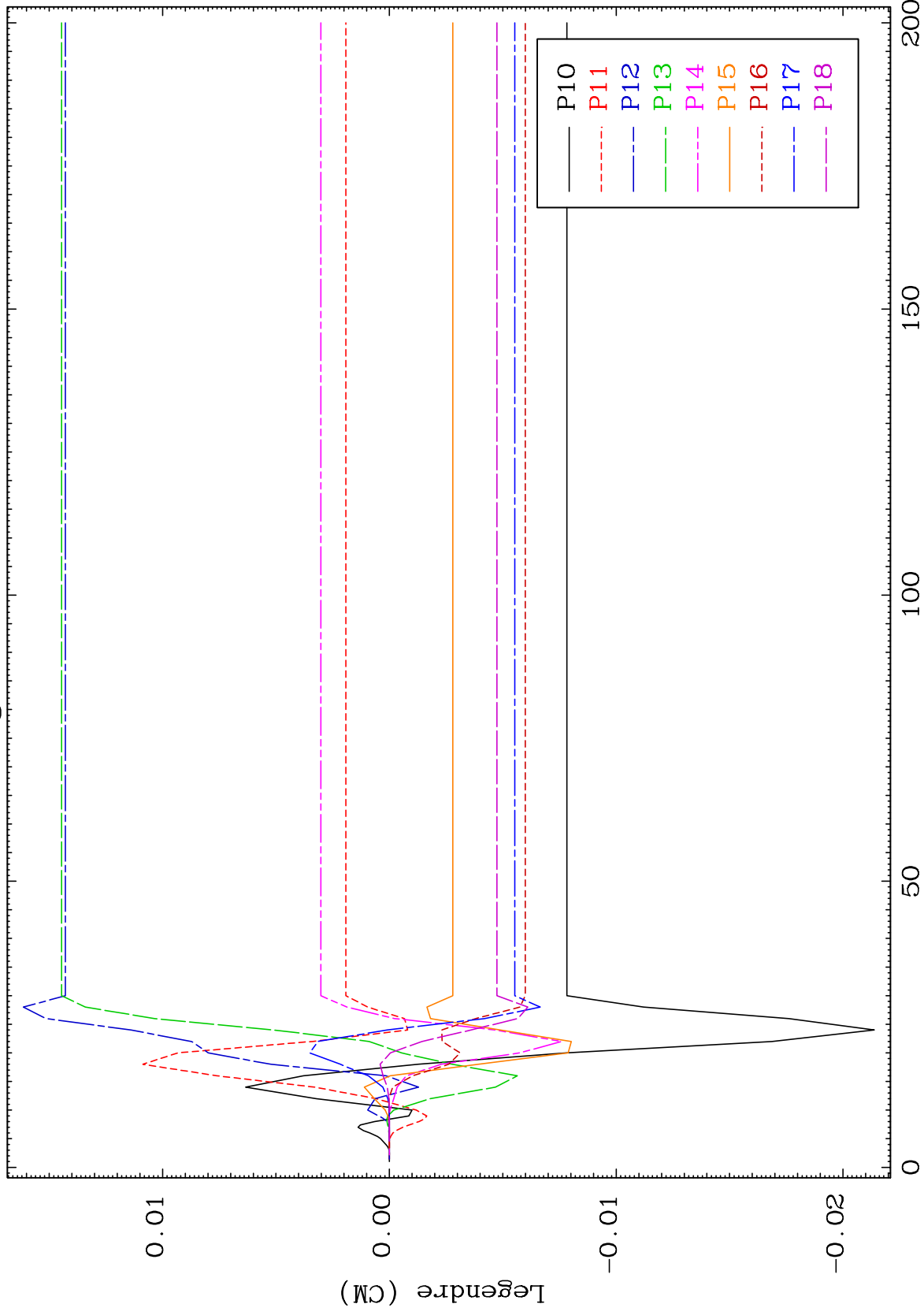




MAT 7619

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

76-0s-182



25

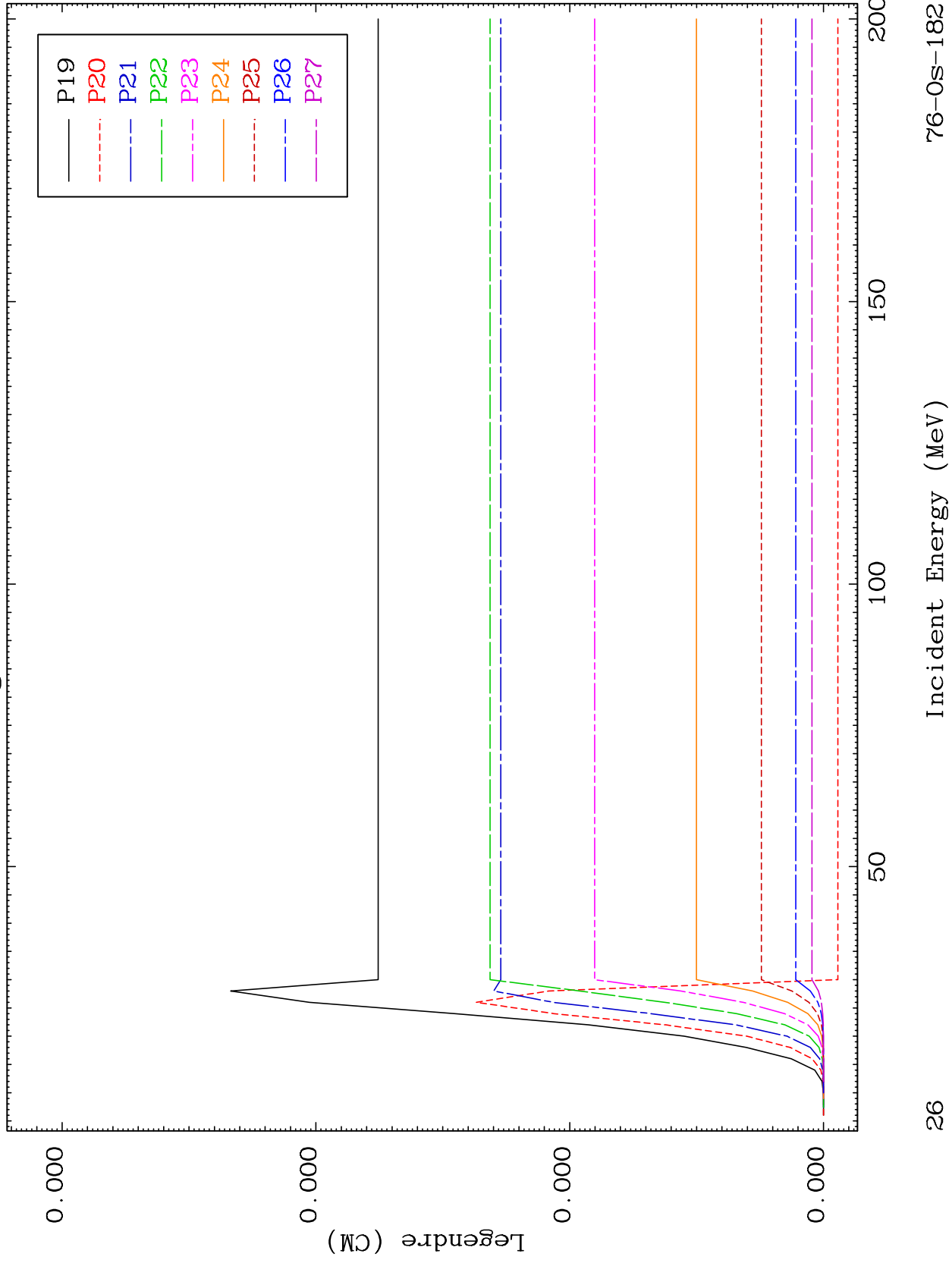
Incident Energy (MeV)

76-0s-182

MAT 7619

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

76-Os-182



26

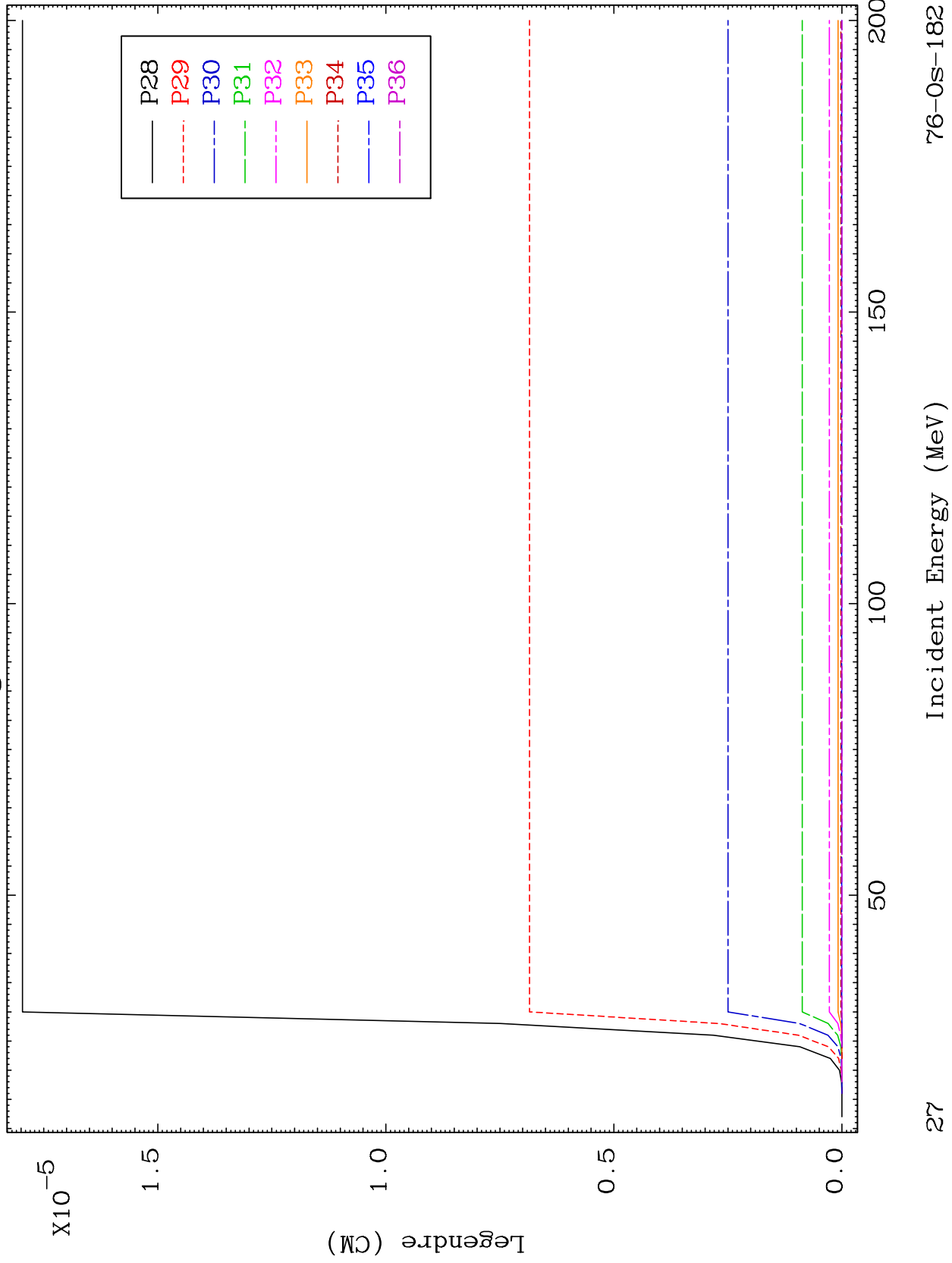
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



27

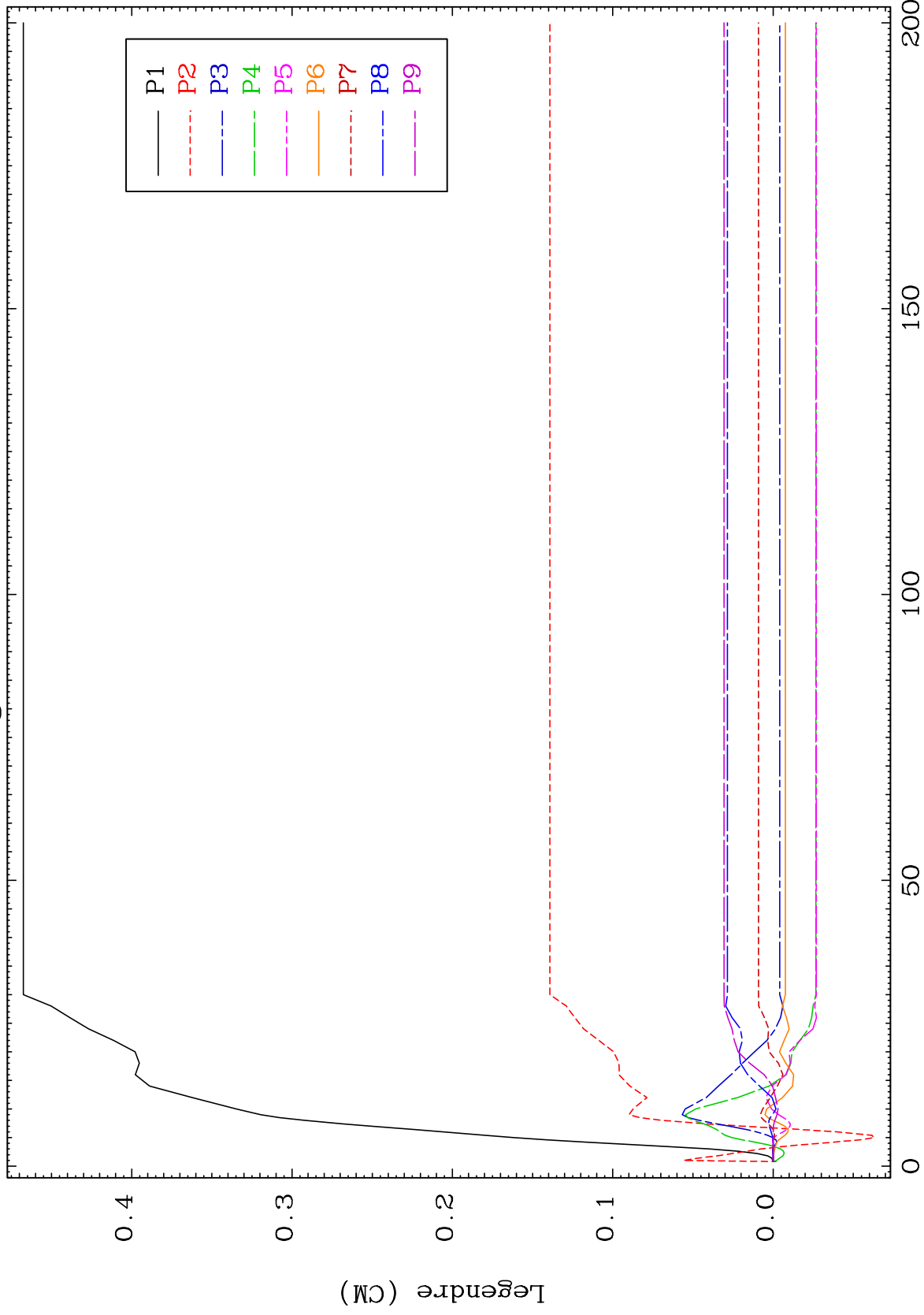
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



76-Os-182

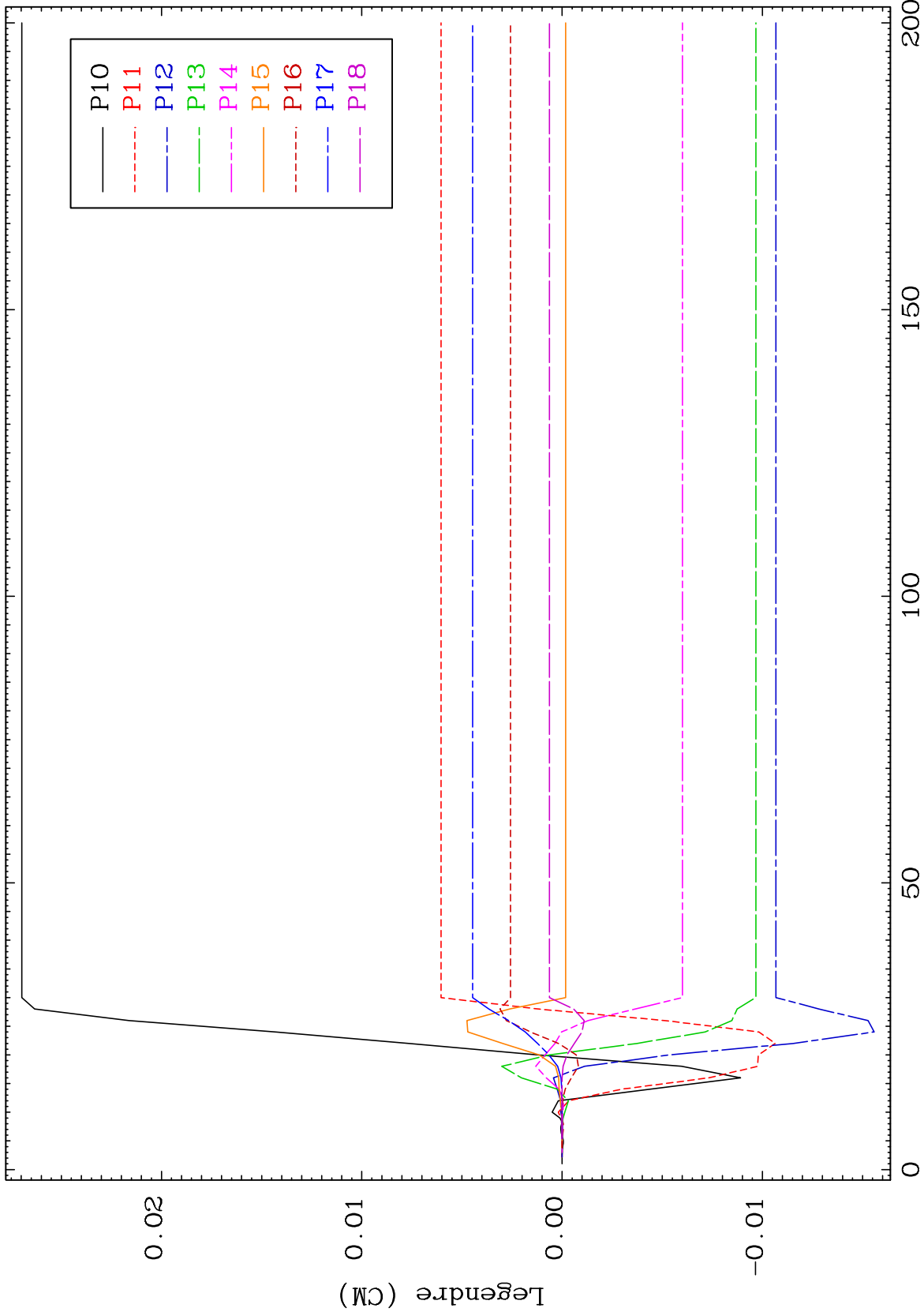
Incident Energy (MeV)

28

MAT 7619

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

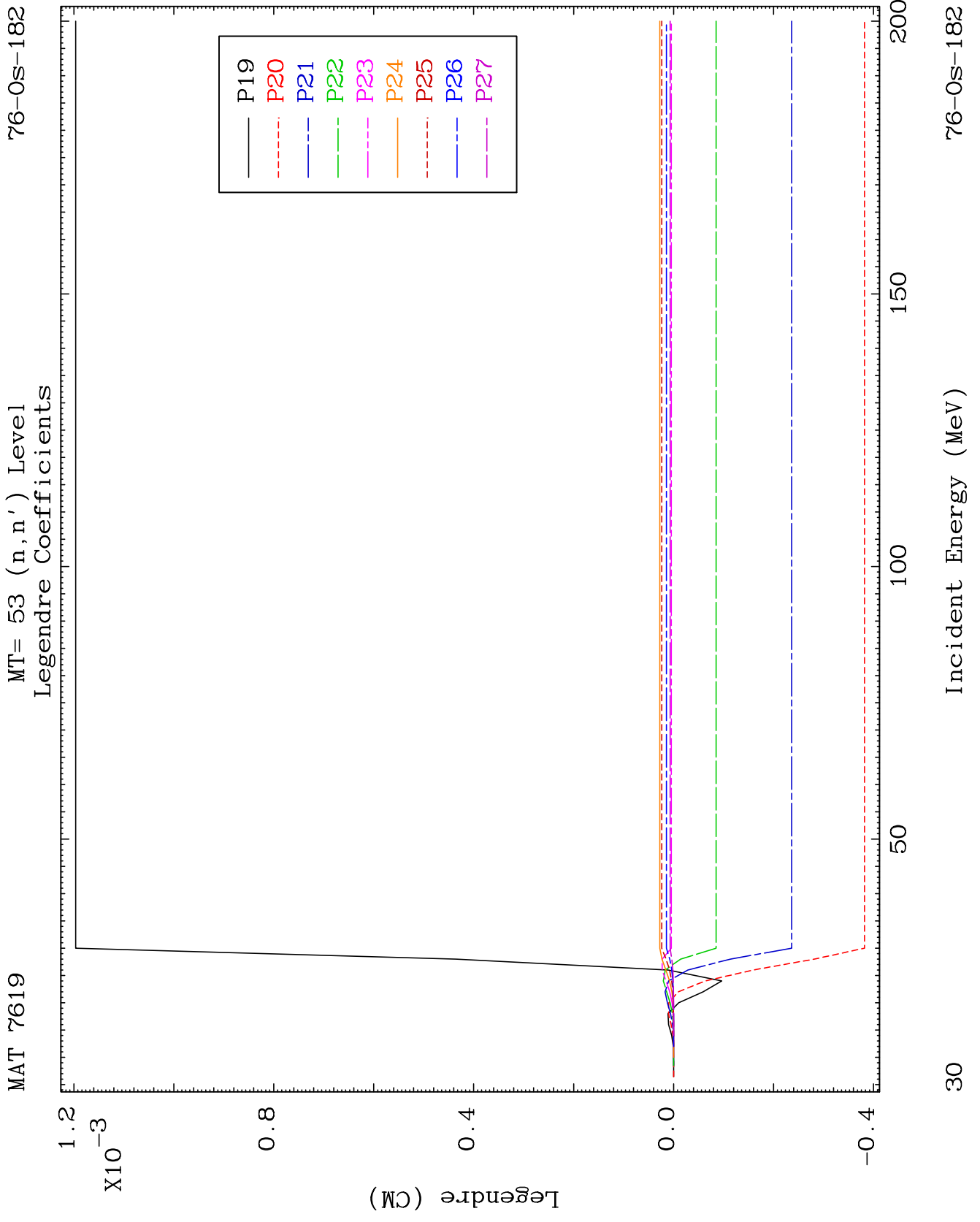
76-0s-182



29

Incident Energy (MeV)

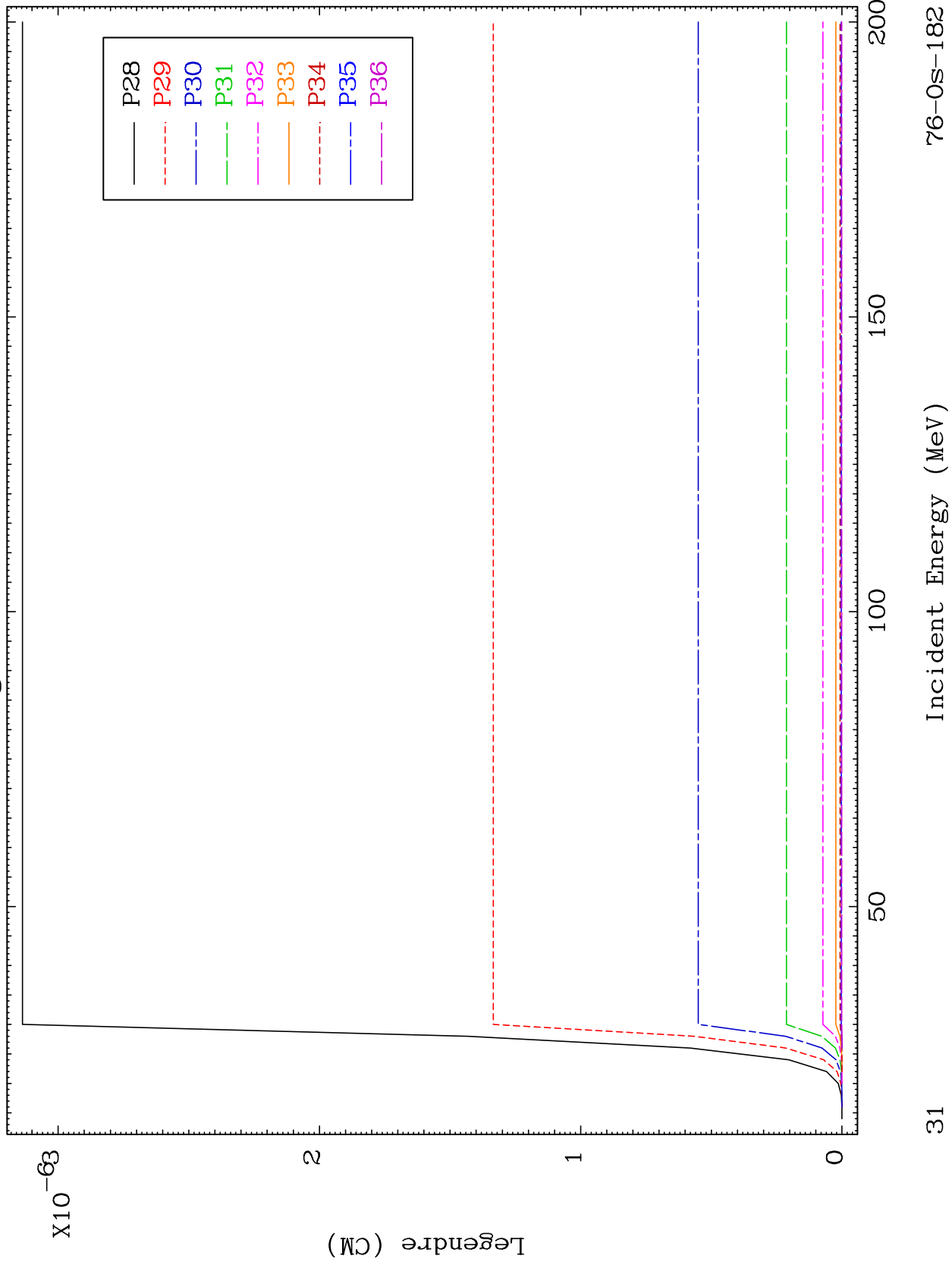
76-0s-182



MAT 7619

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

76-Os-182



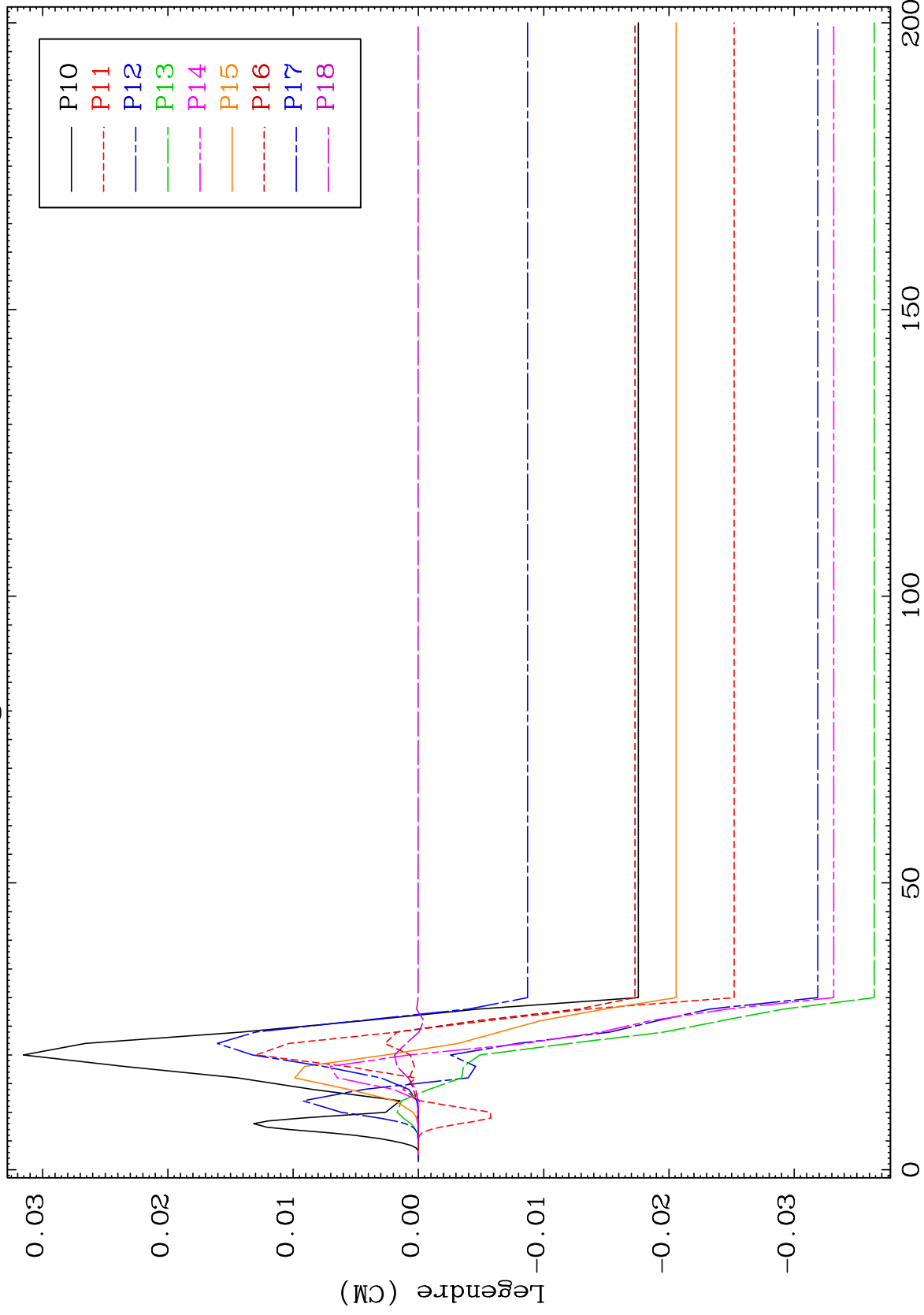




MAT 7619

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

76-Os-182



33

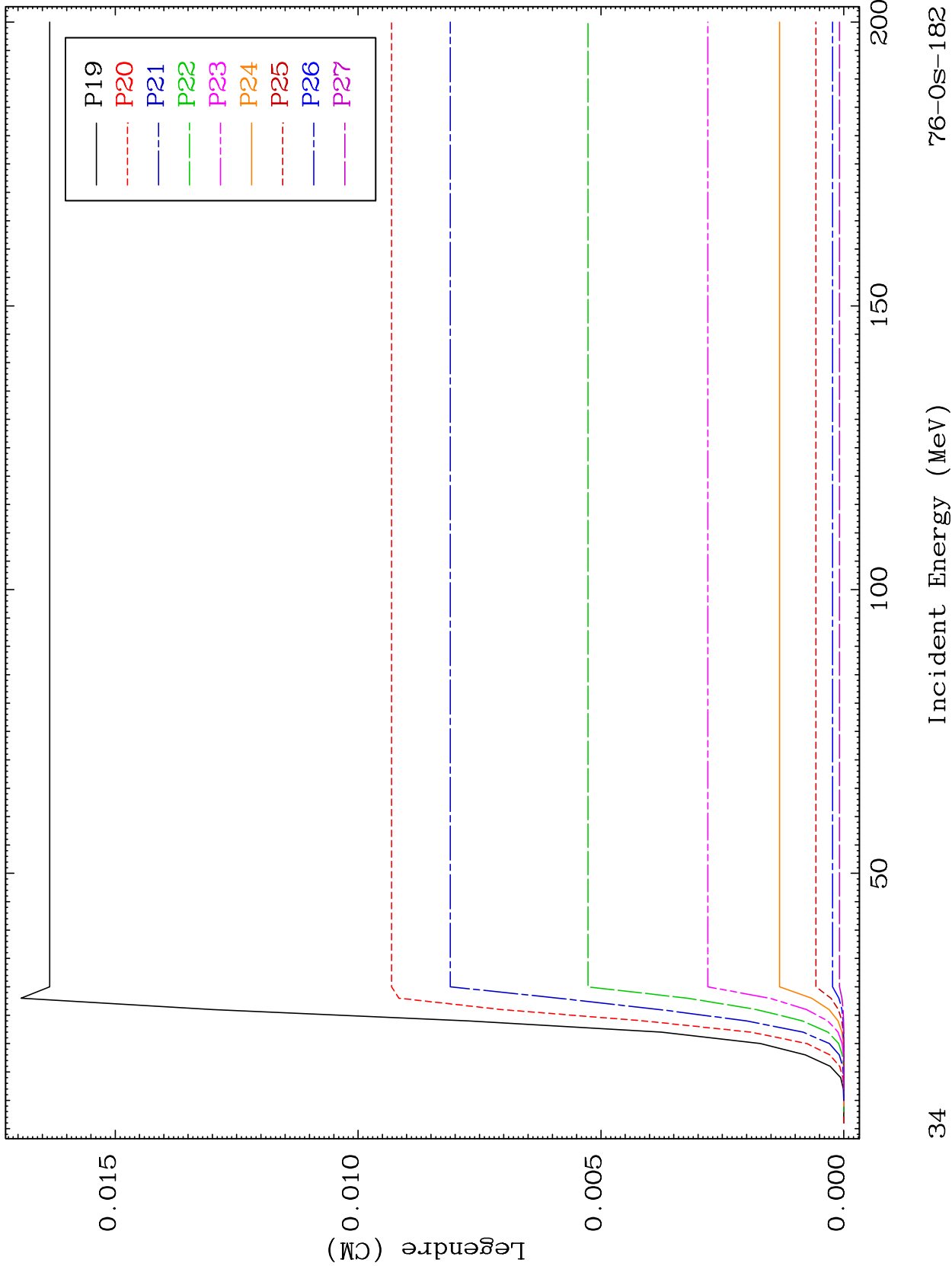
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



34

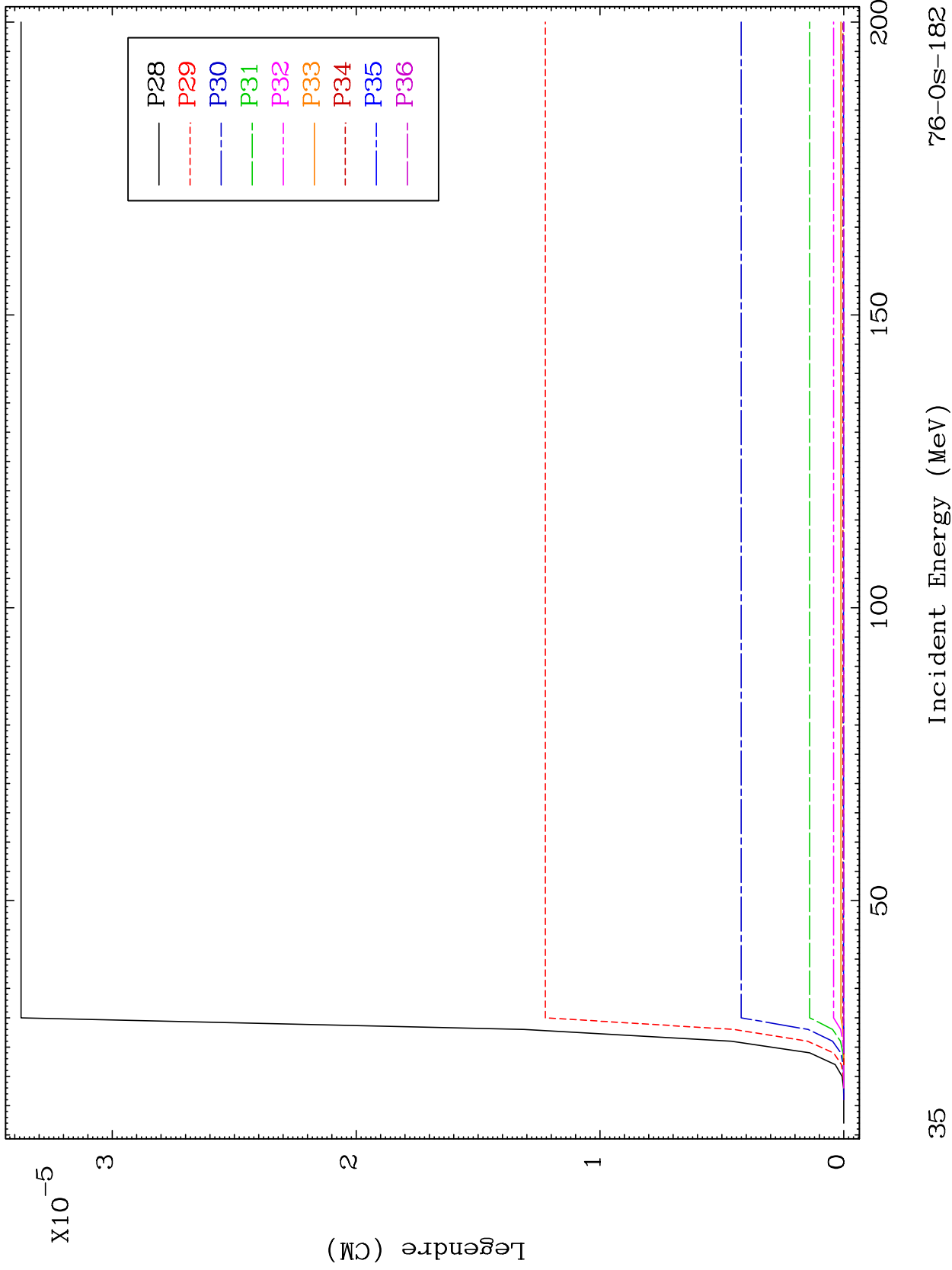
Incident Energy (MeV)

76-Os-182

MAT 7619

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

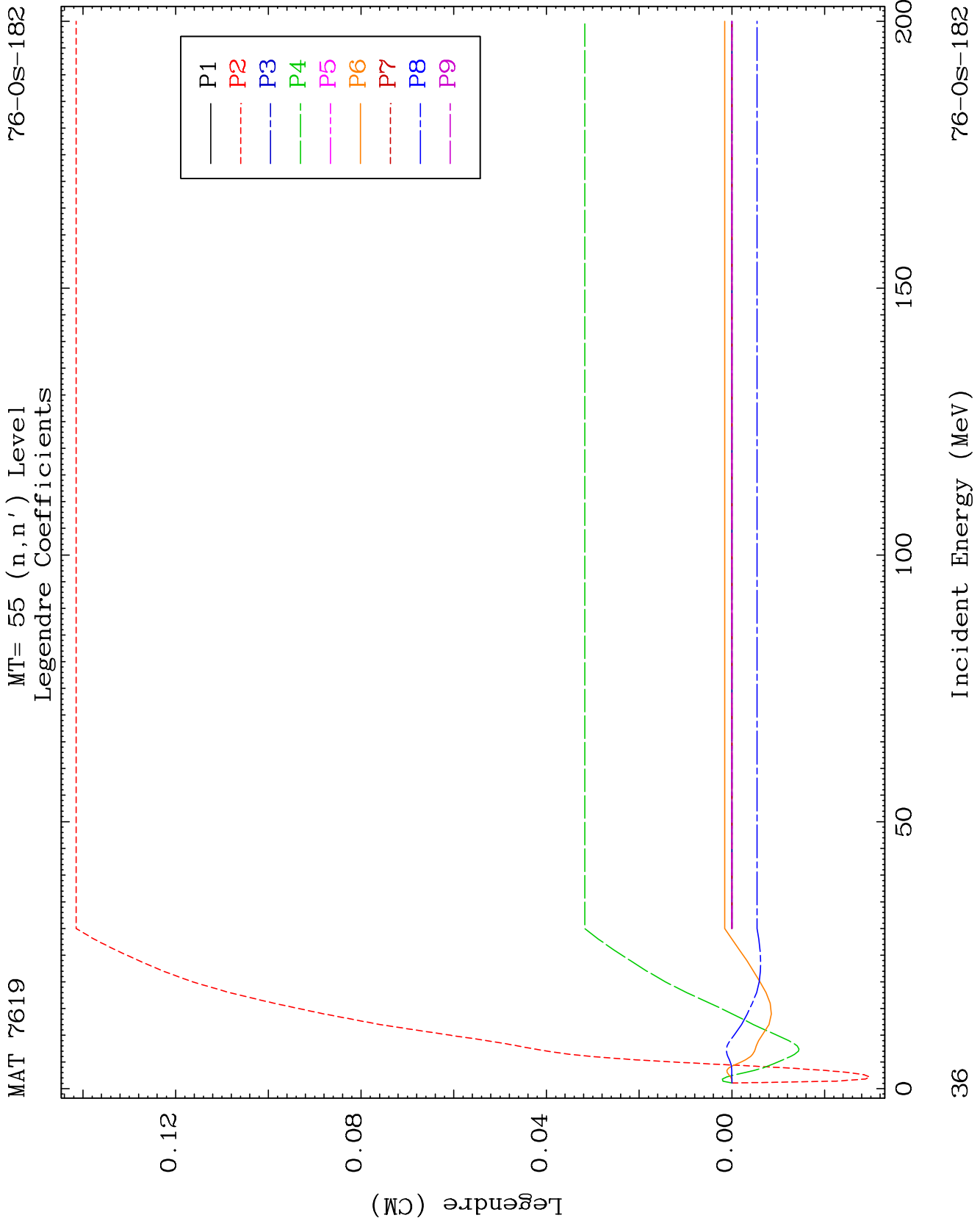
76-Os-182



35

Incident Energy (MeV)

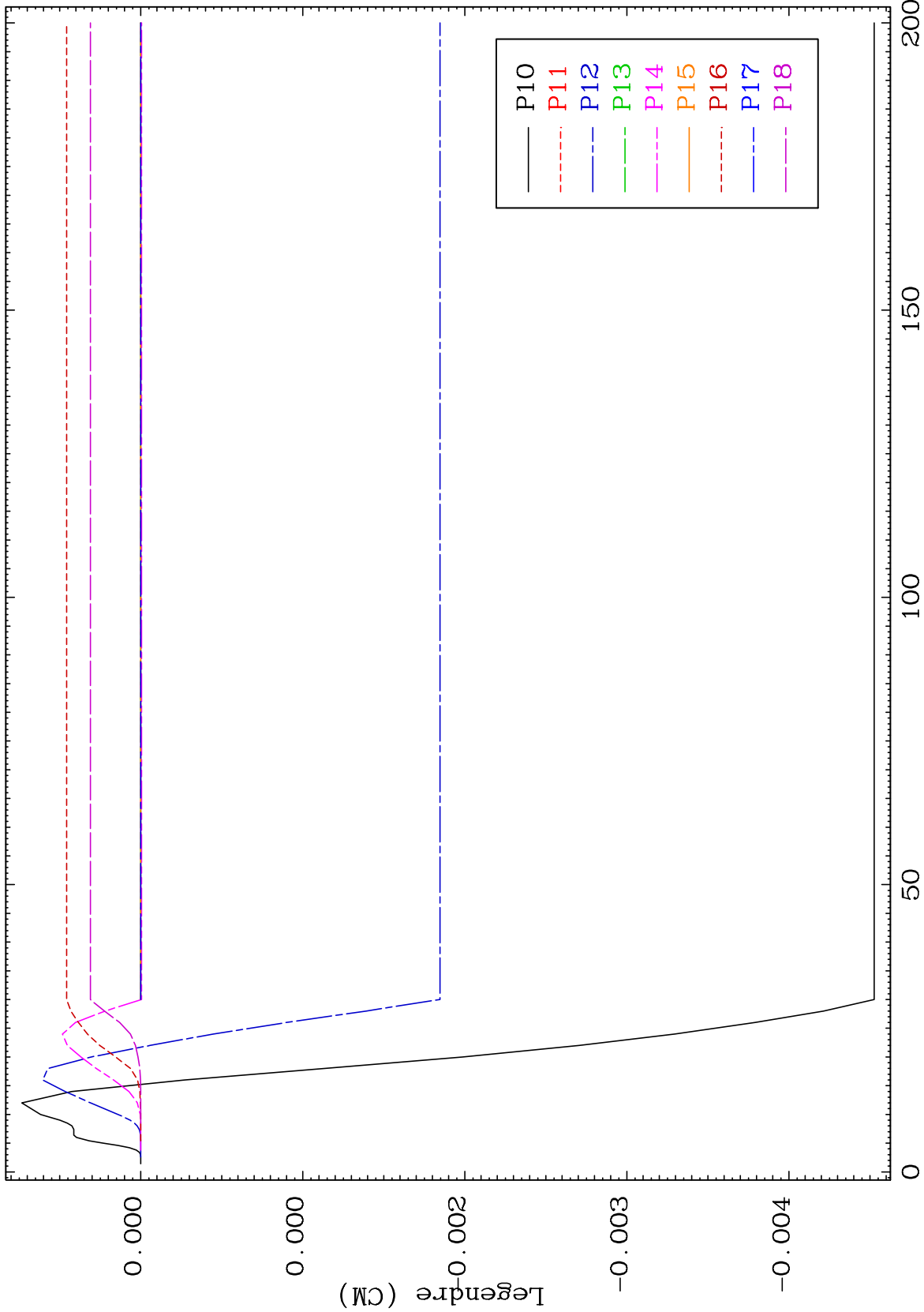
76-Os-182



MAT 7619

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

76-Os-182



37

Incident Energy (MeV)

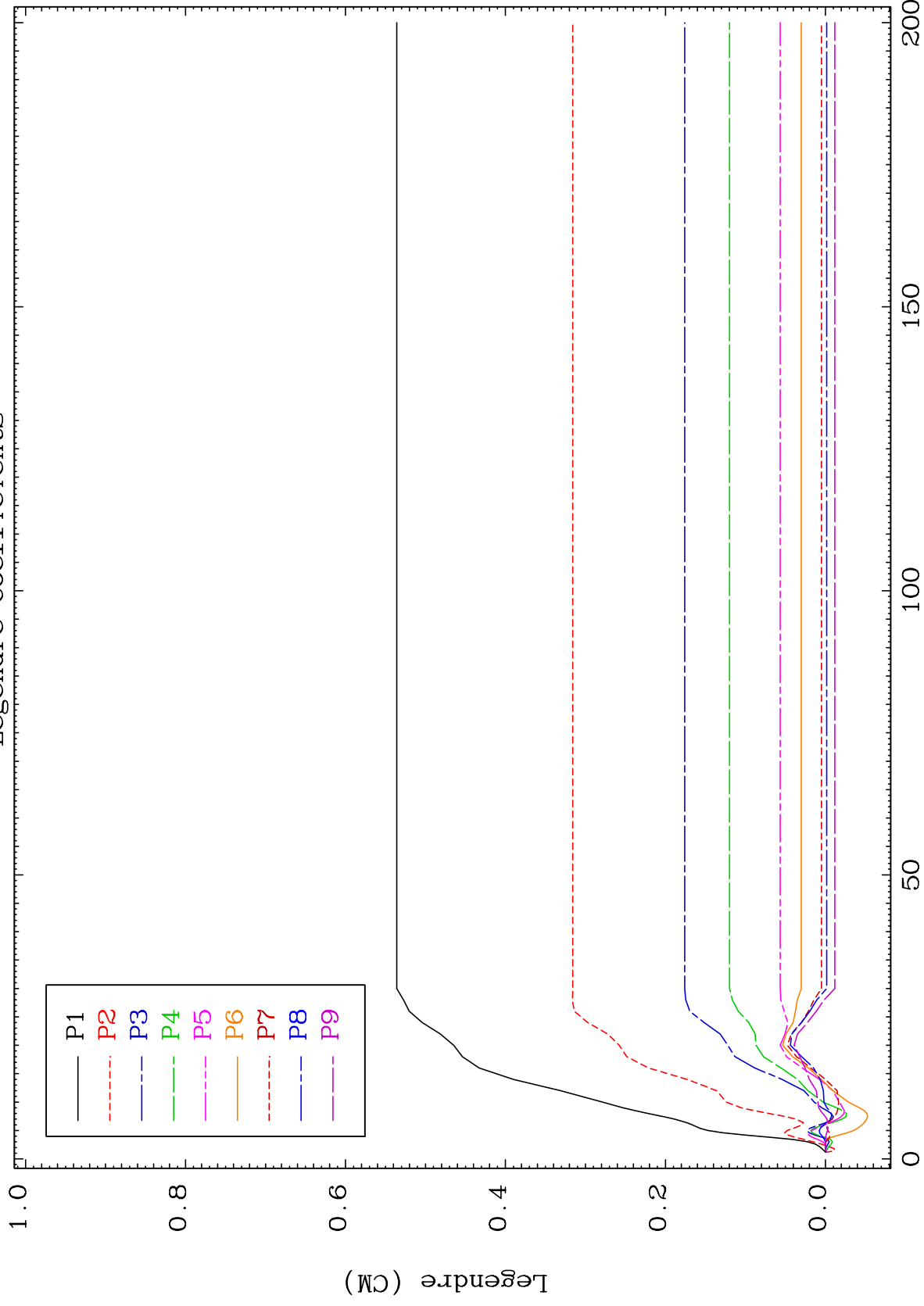
76-Os-182



MAT 7619

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

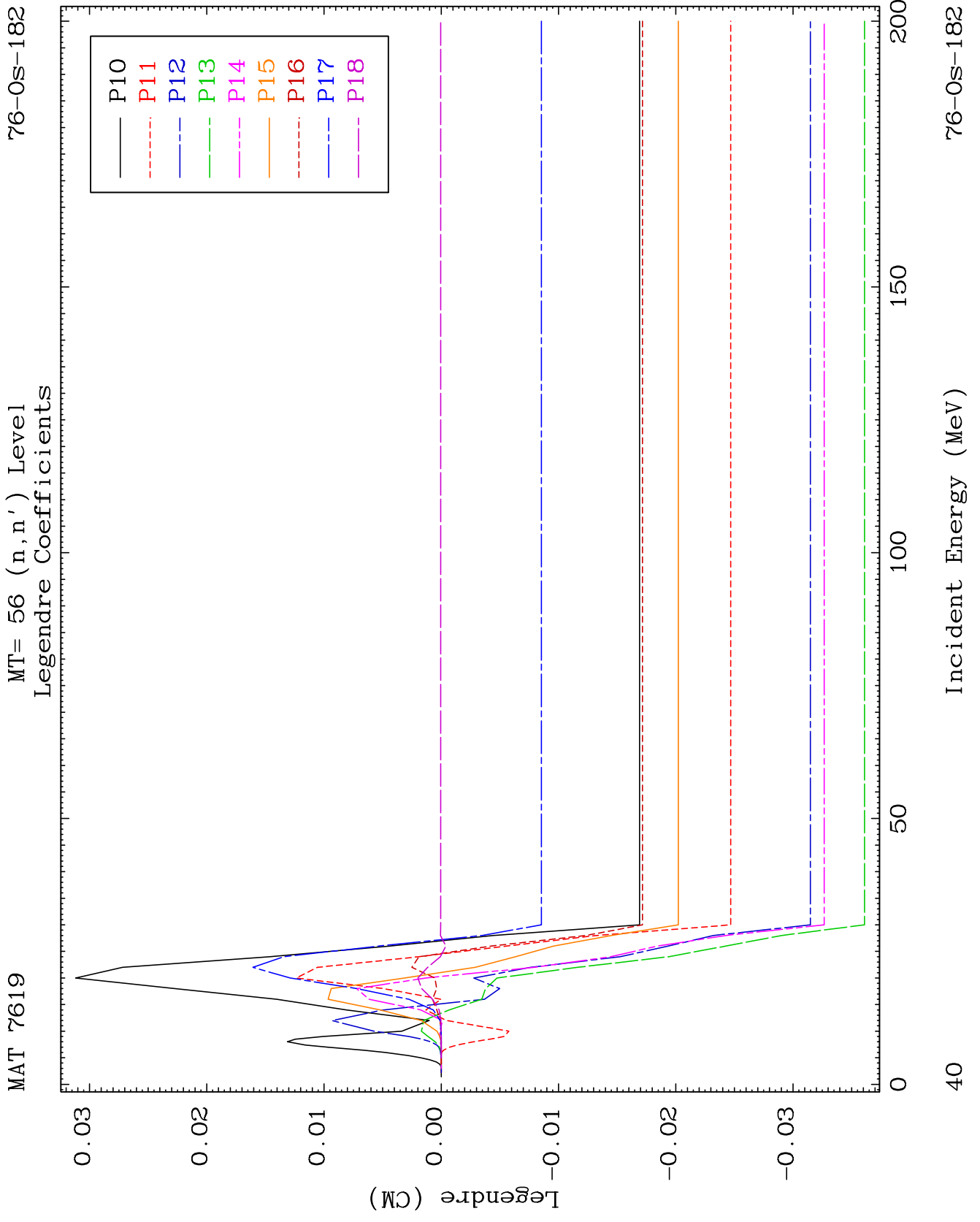
76-0s-182



39

76-0s-182

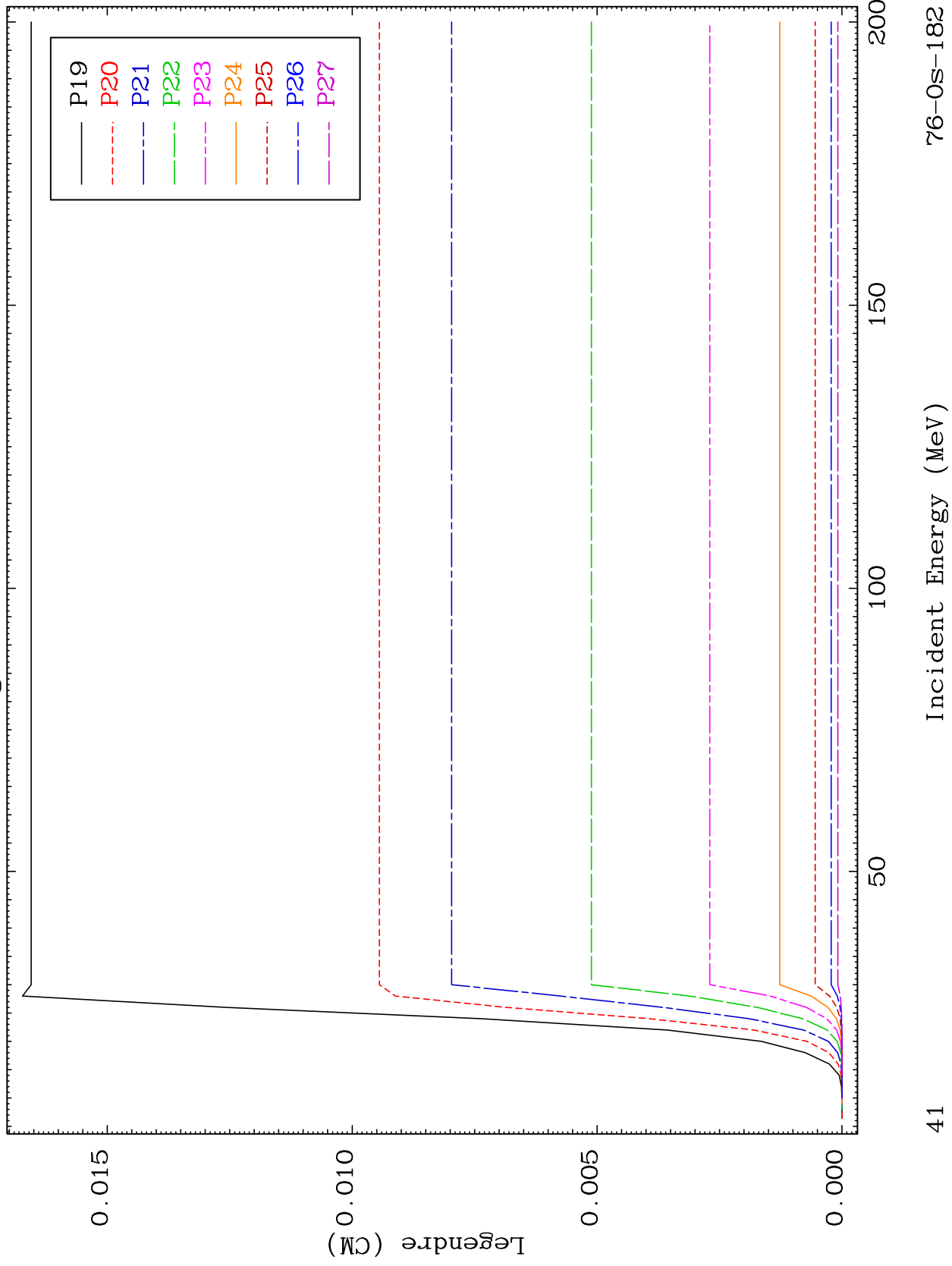




MAT 7619

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

76-Os-182



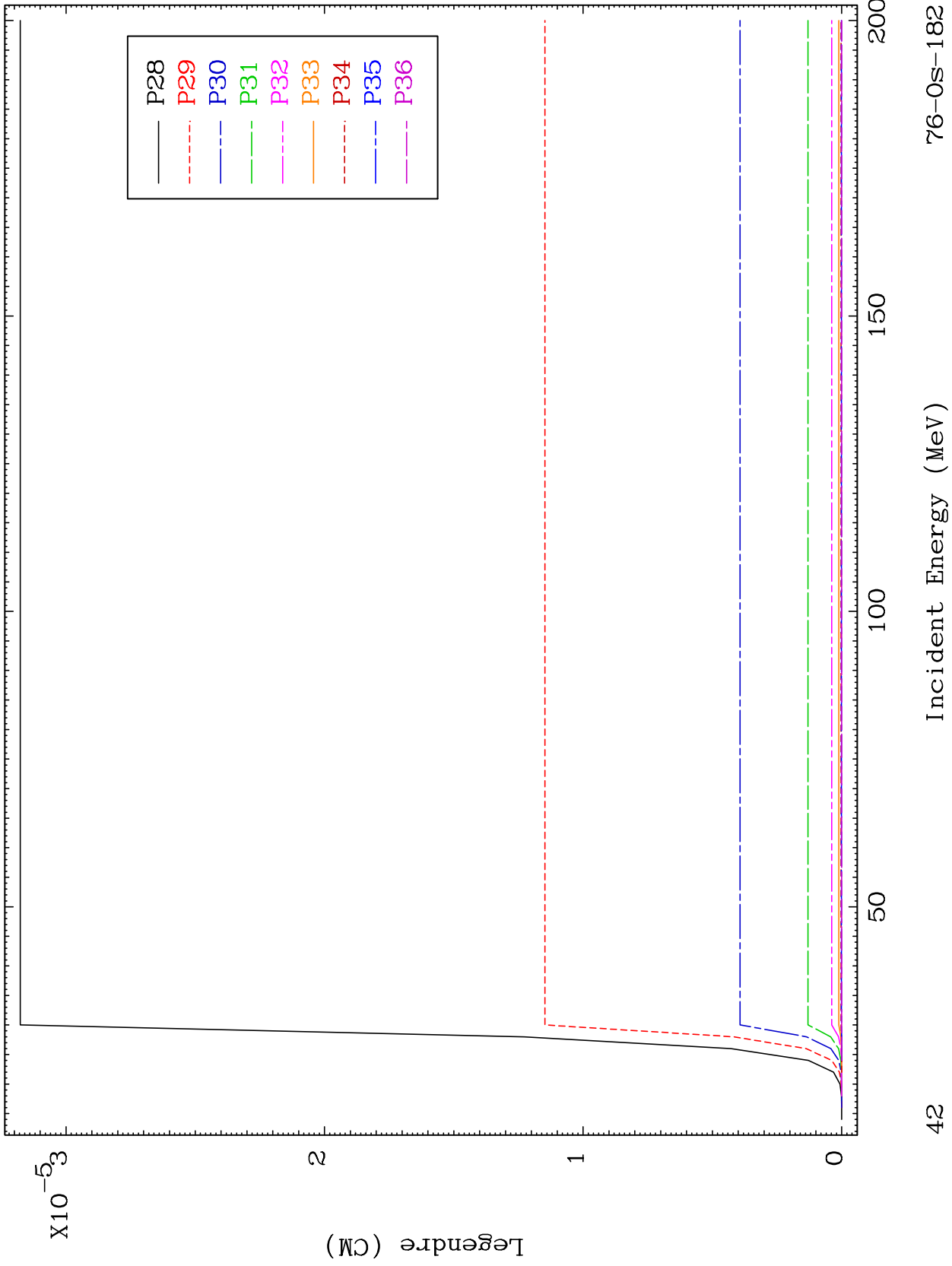
41

76-Os-182

MAT 7619

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

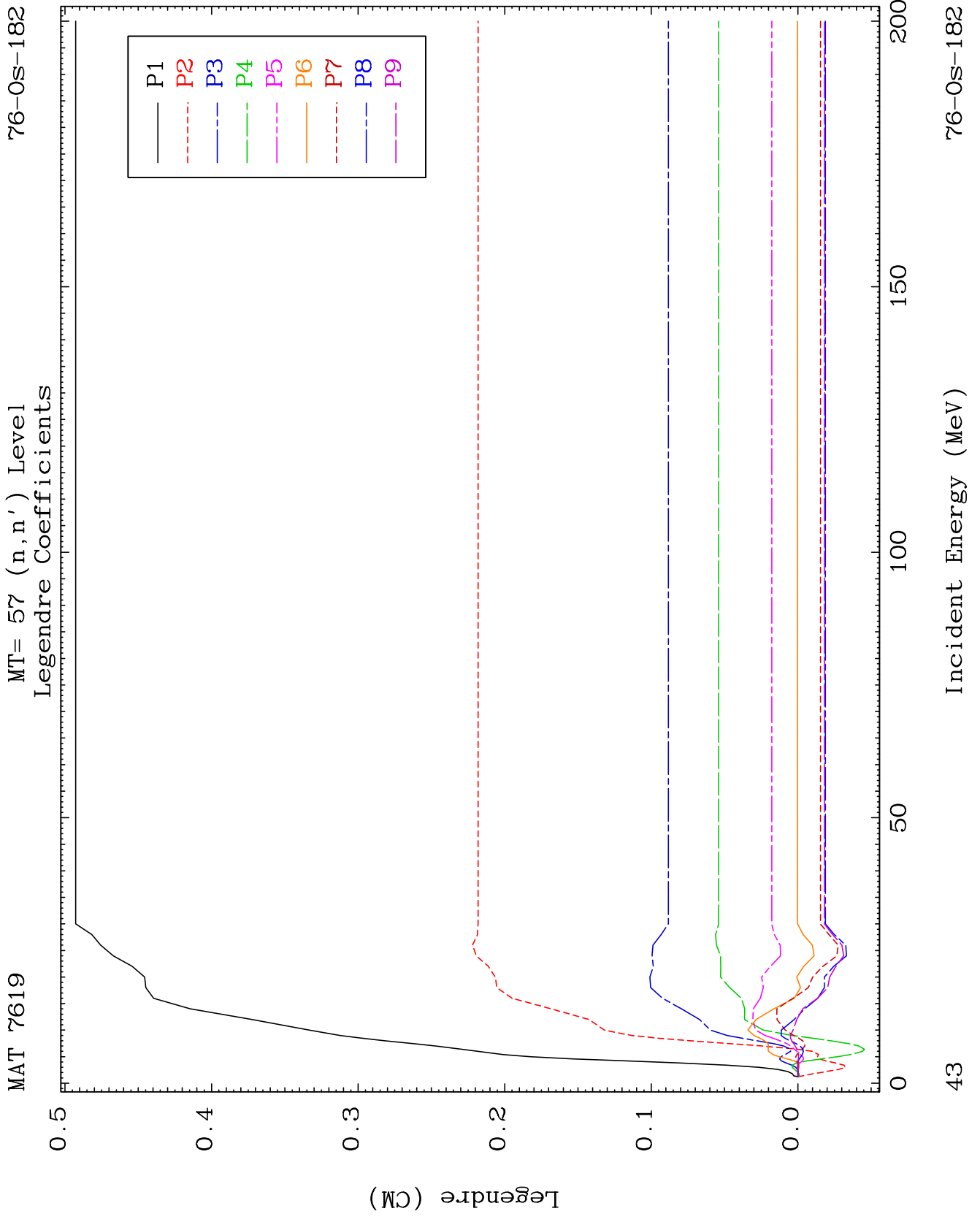
76-Os-182



42

Incident Energy (MeV)

76-Os-182

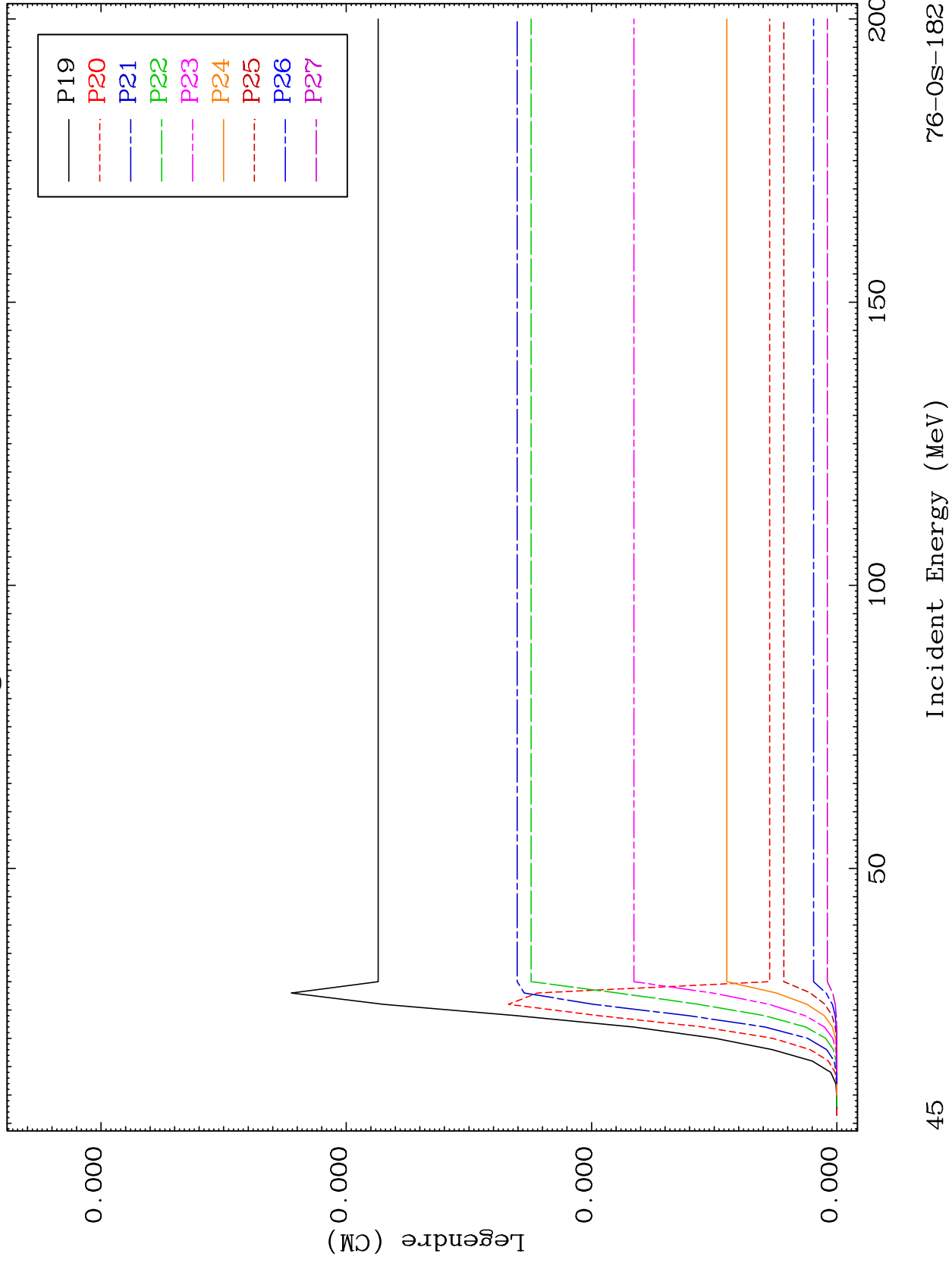




MAT 7619

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

76-Os-182



45

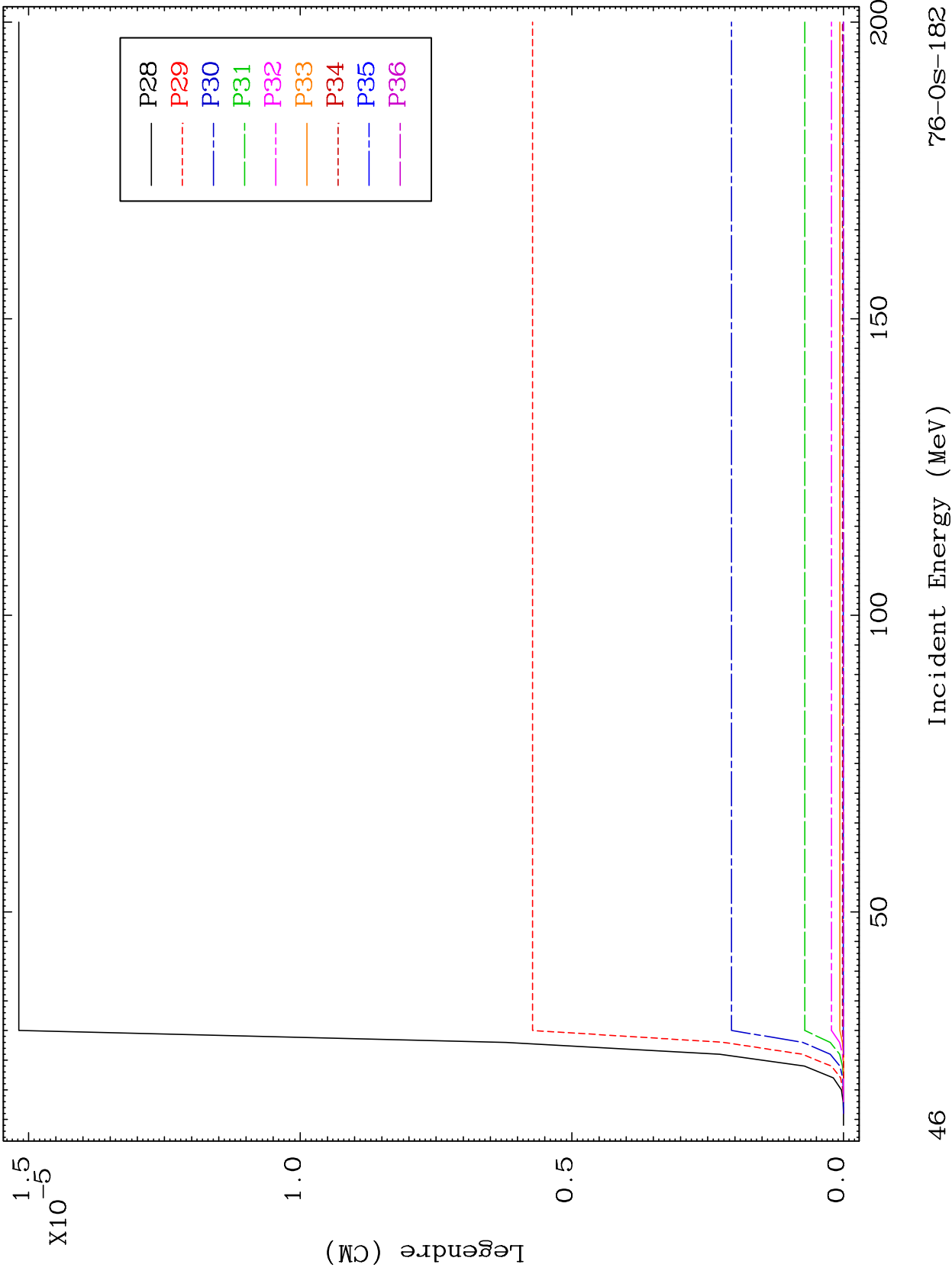
Incident Energy (MeV)

76-Os-182

MAT 7619

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

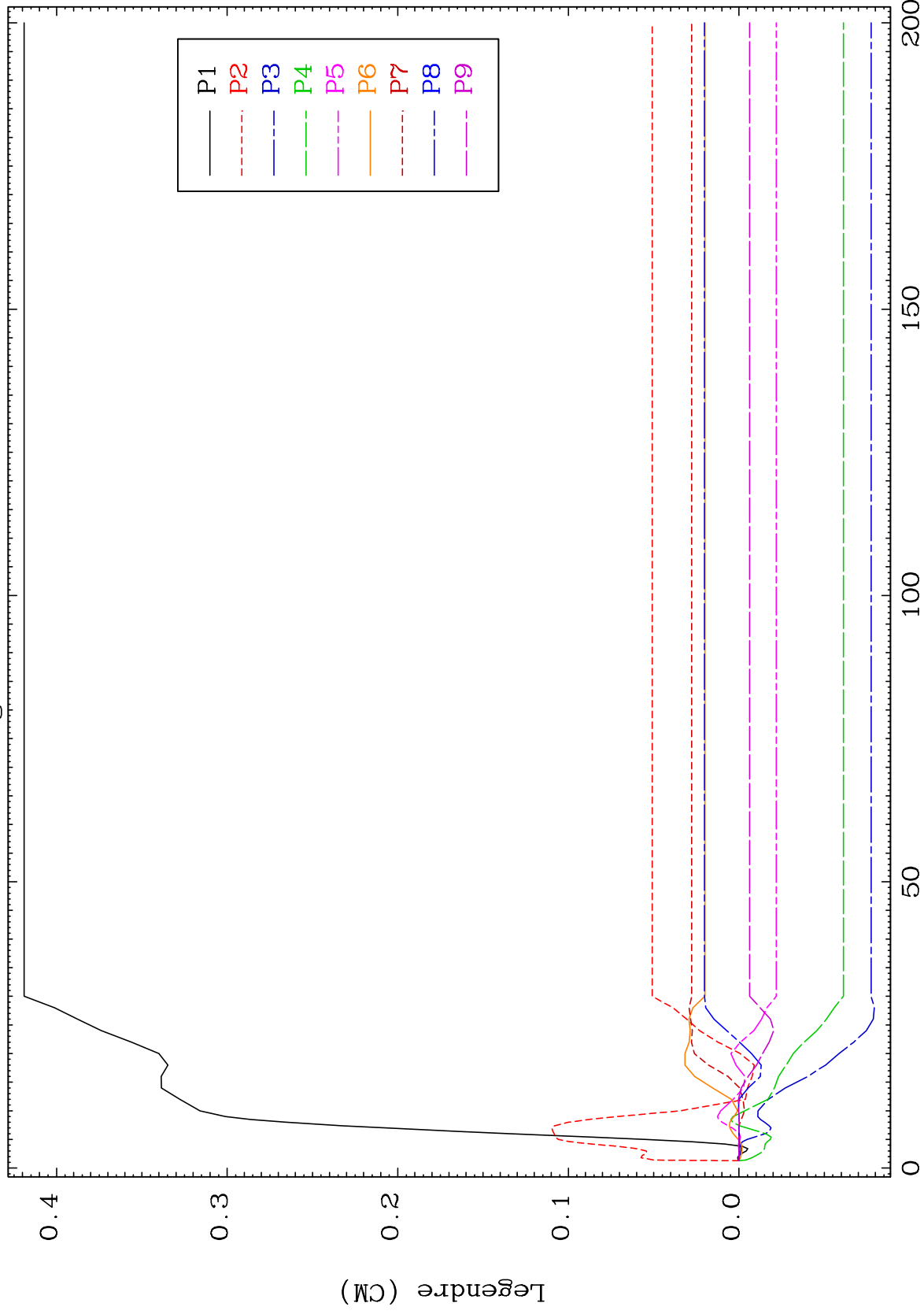
76-Os-182



MAT 7619

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

76-Os-182



47

Incident Energy (MeV)

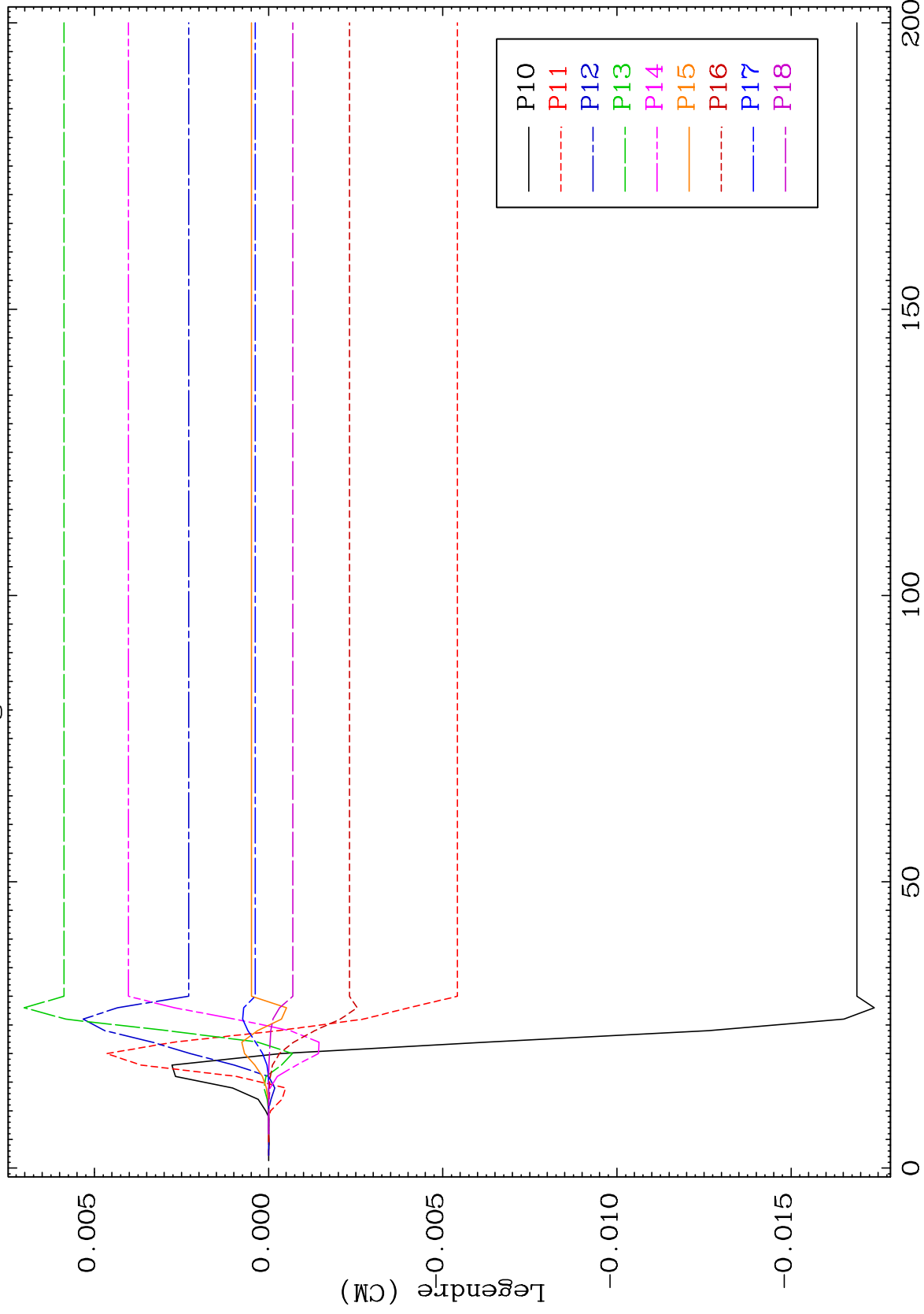
76-Os-182



MAT 7619

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

76-Os-182



48

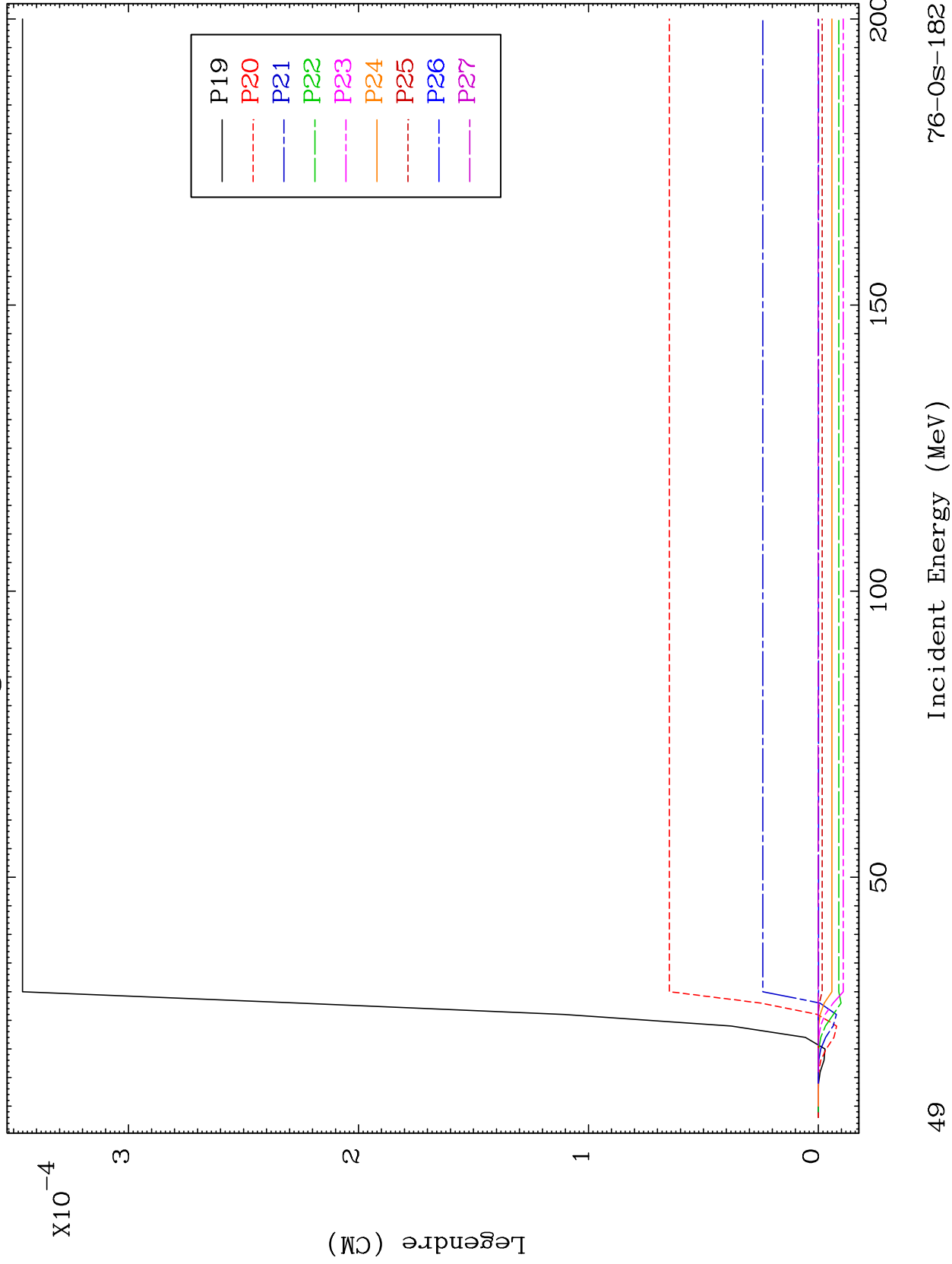
Incident Energy (MeV)

76-Os-182

MAT 7619

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

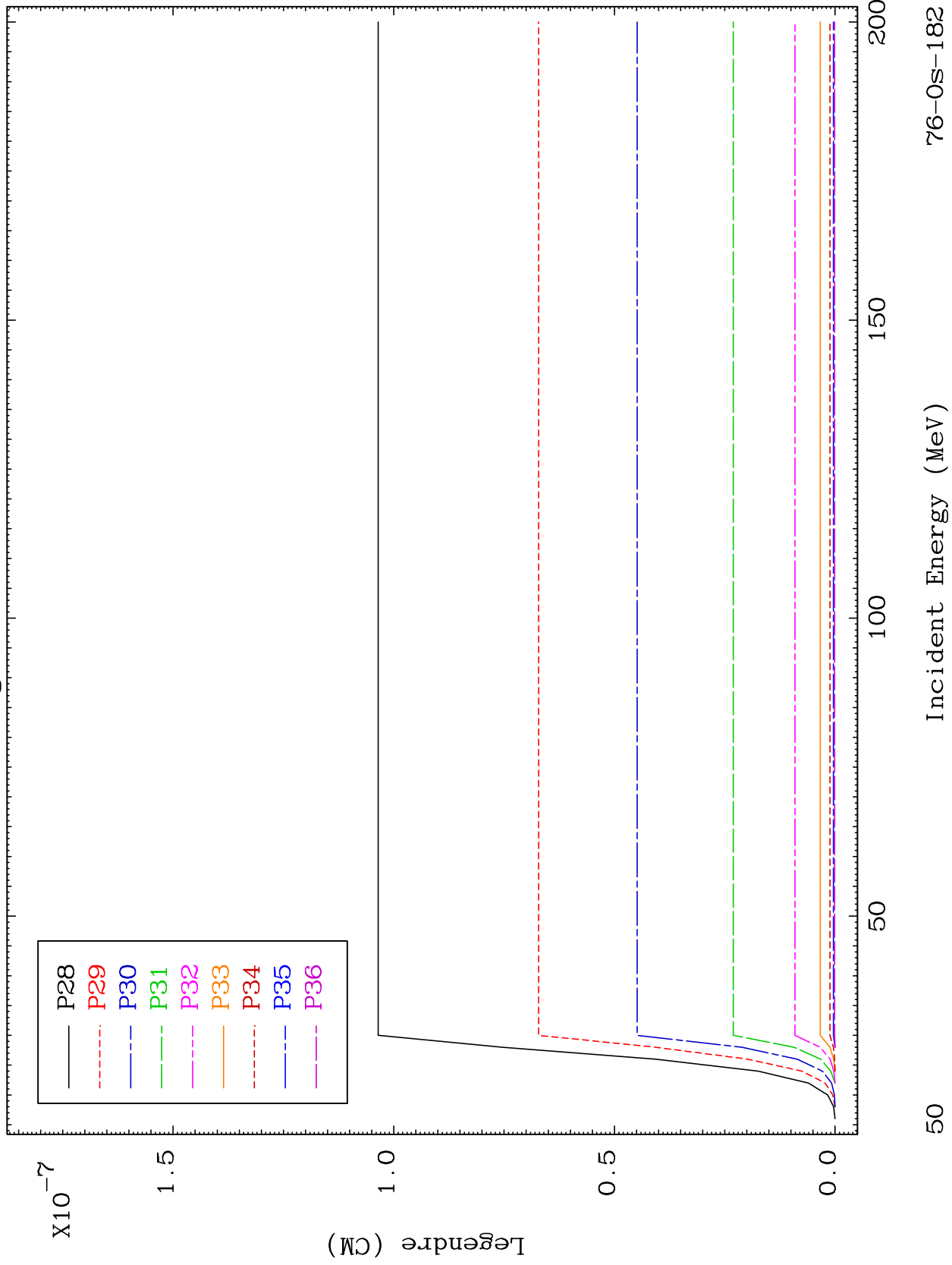
76-Os-182



MAT 7619

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

76-0s-182



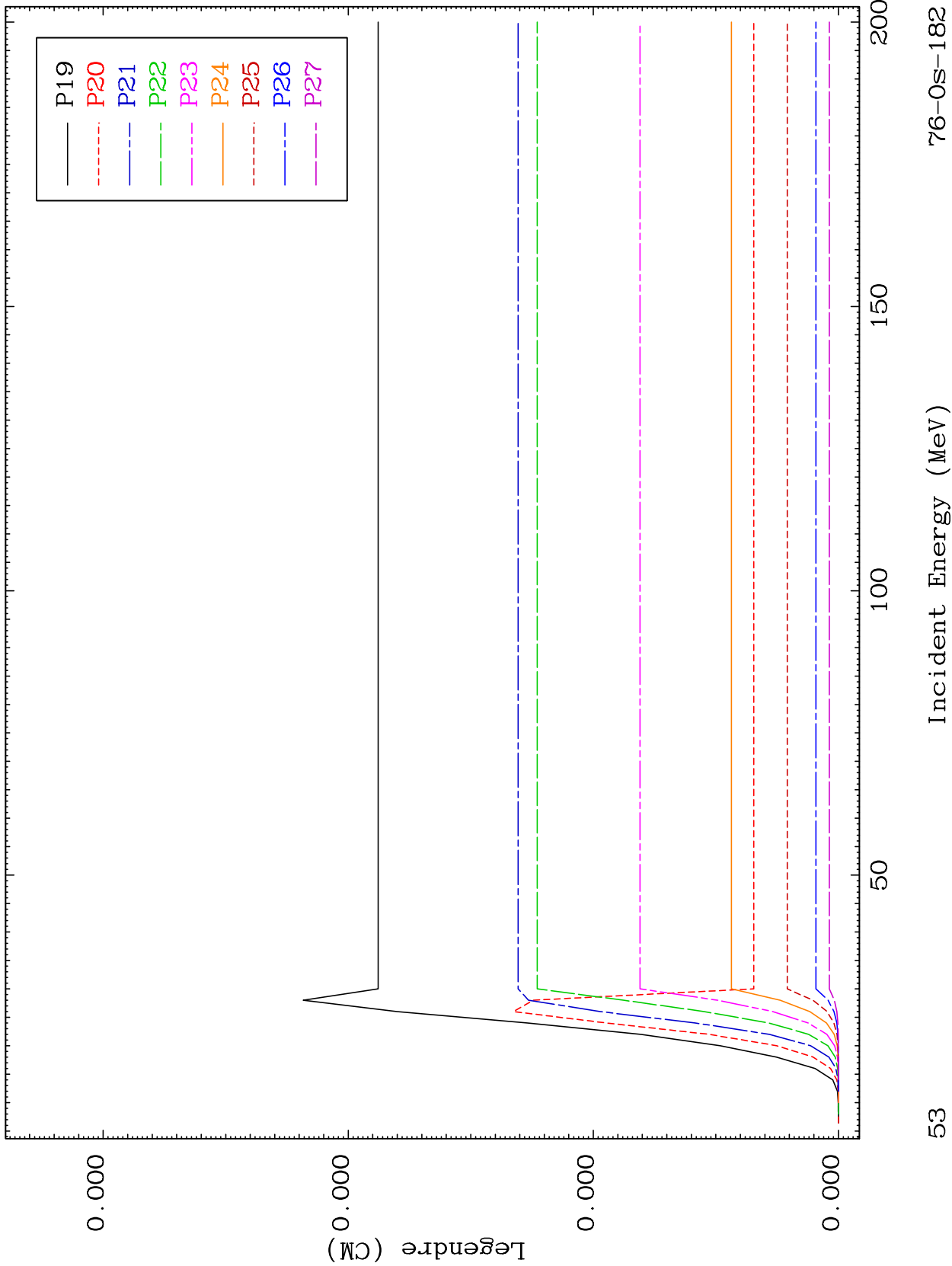




MAT 7619

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

76-Os-182



53

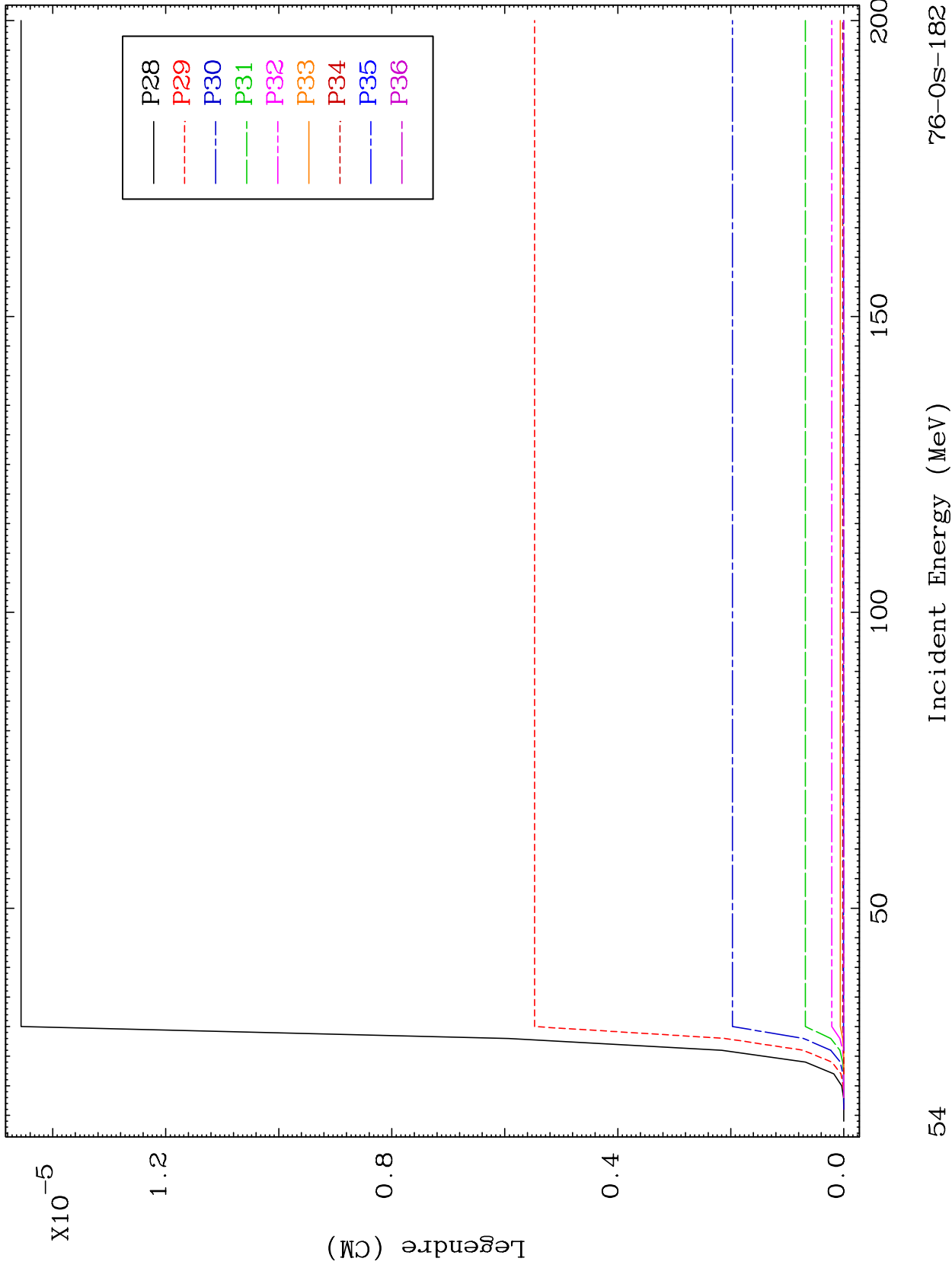
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



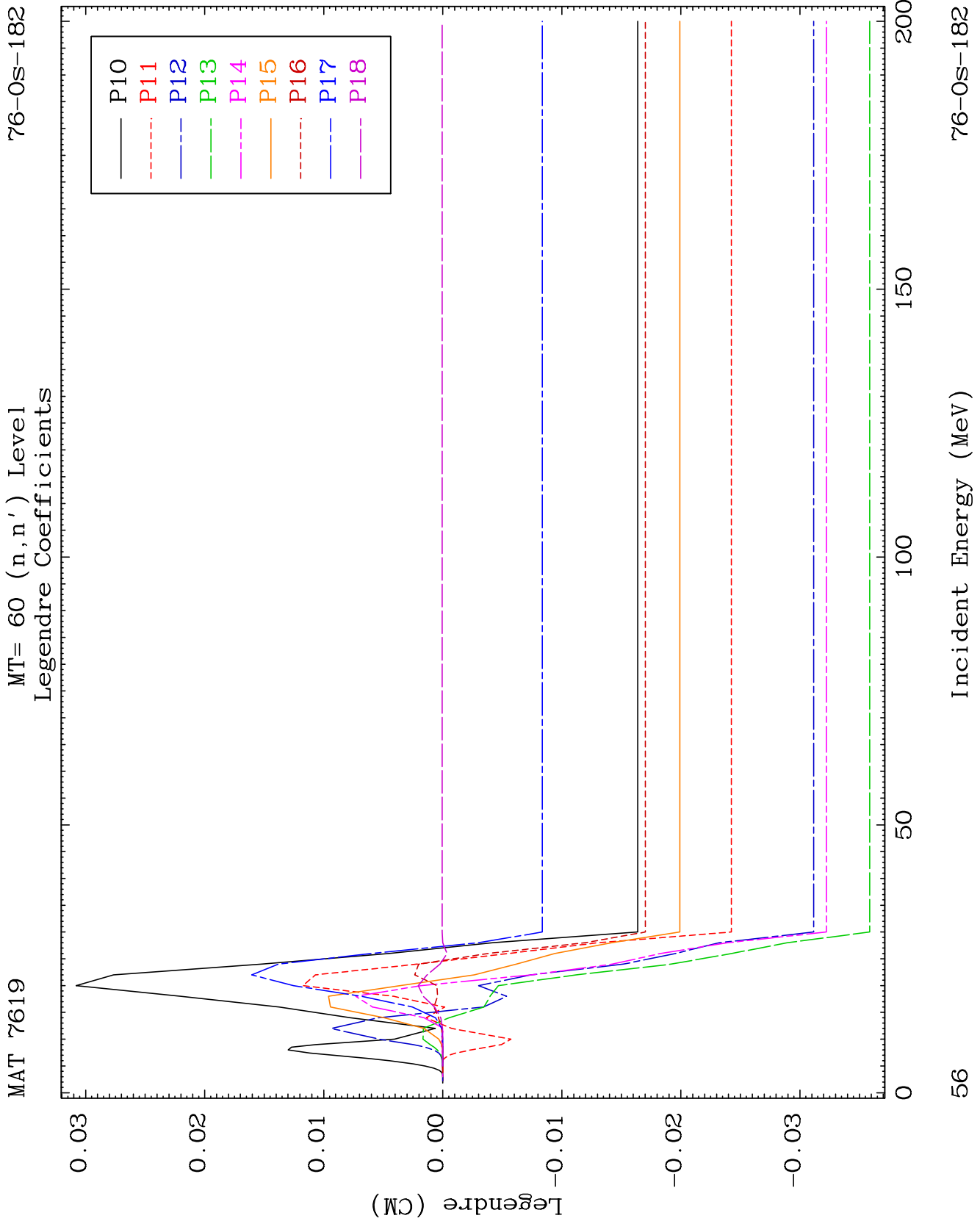
54

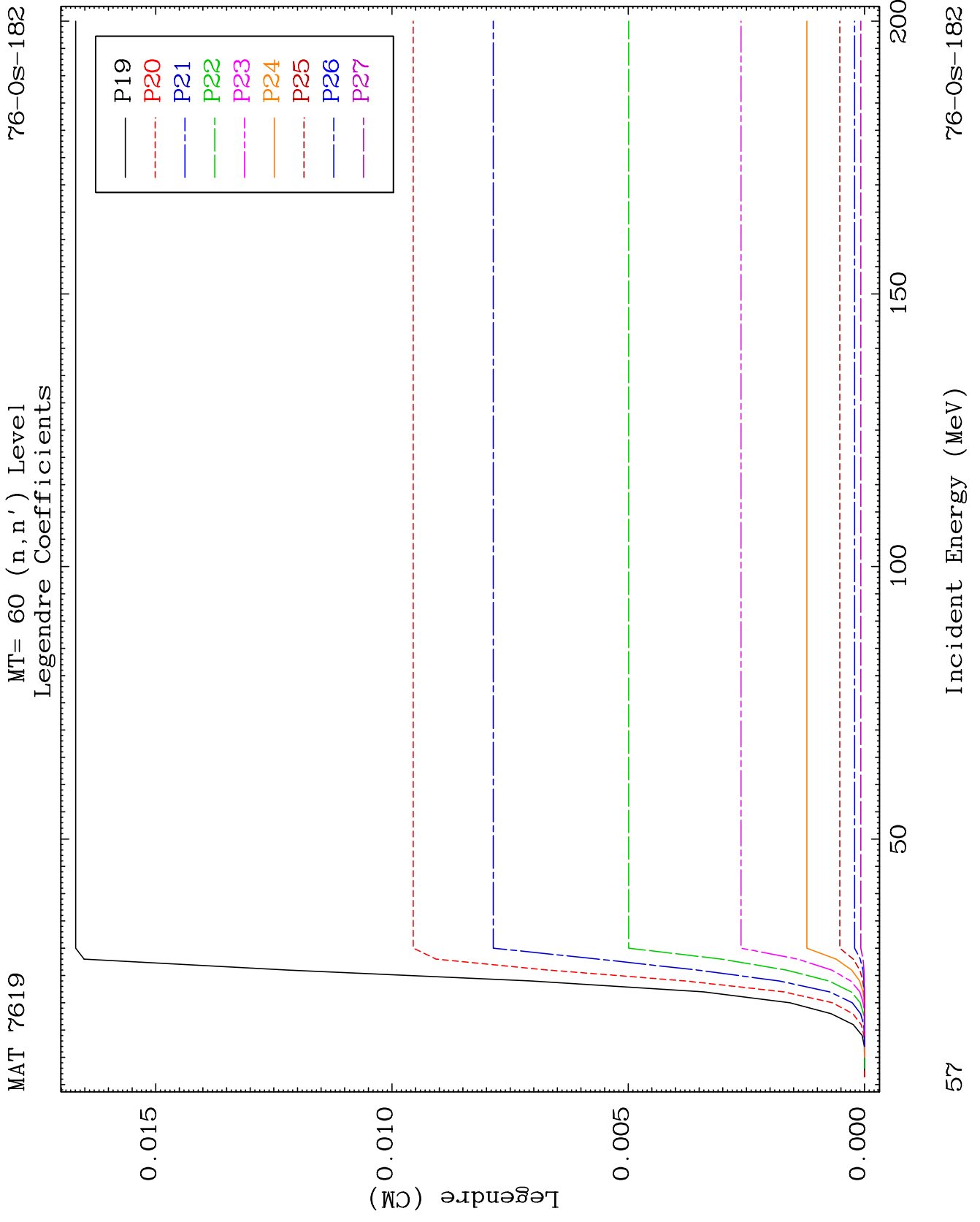
Incident Energy (MeV)

76-Os-182





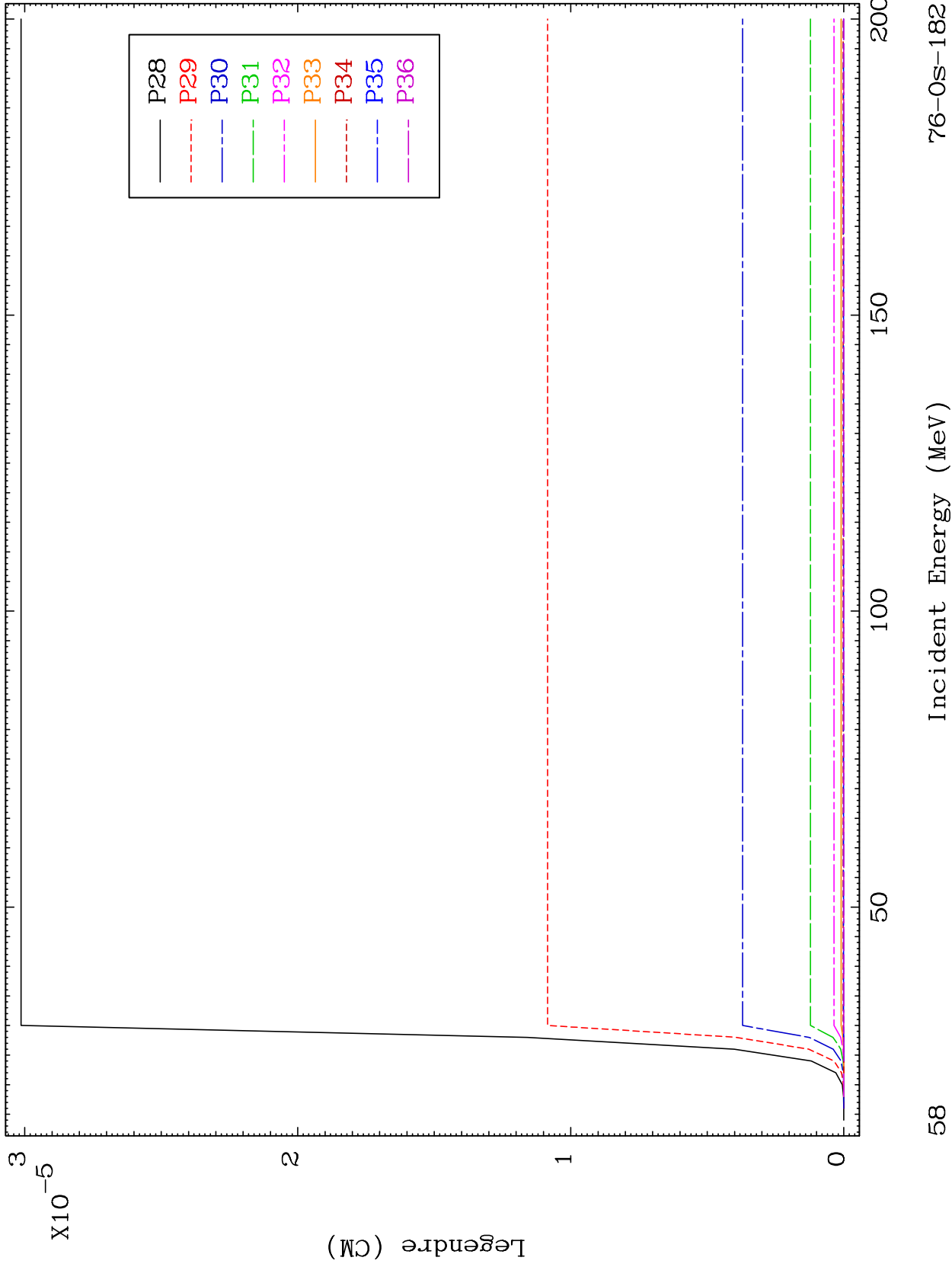


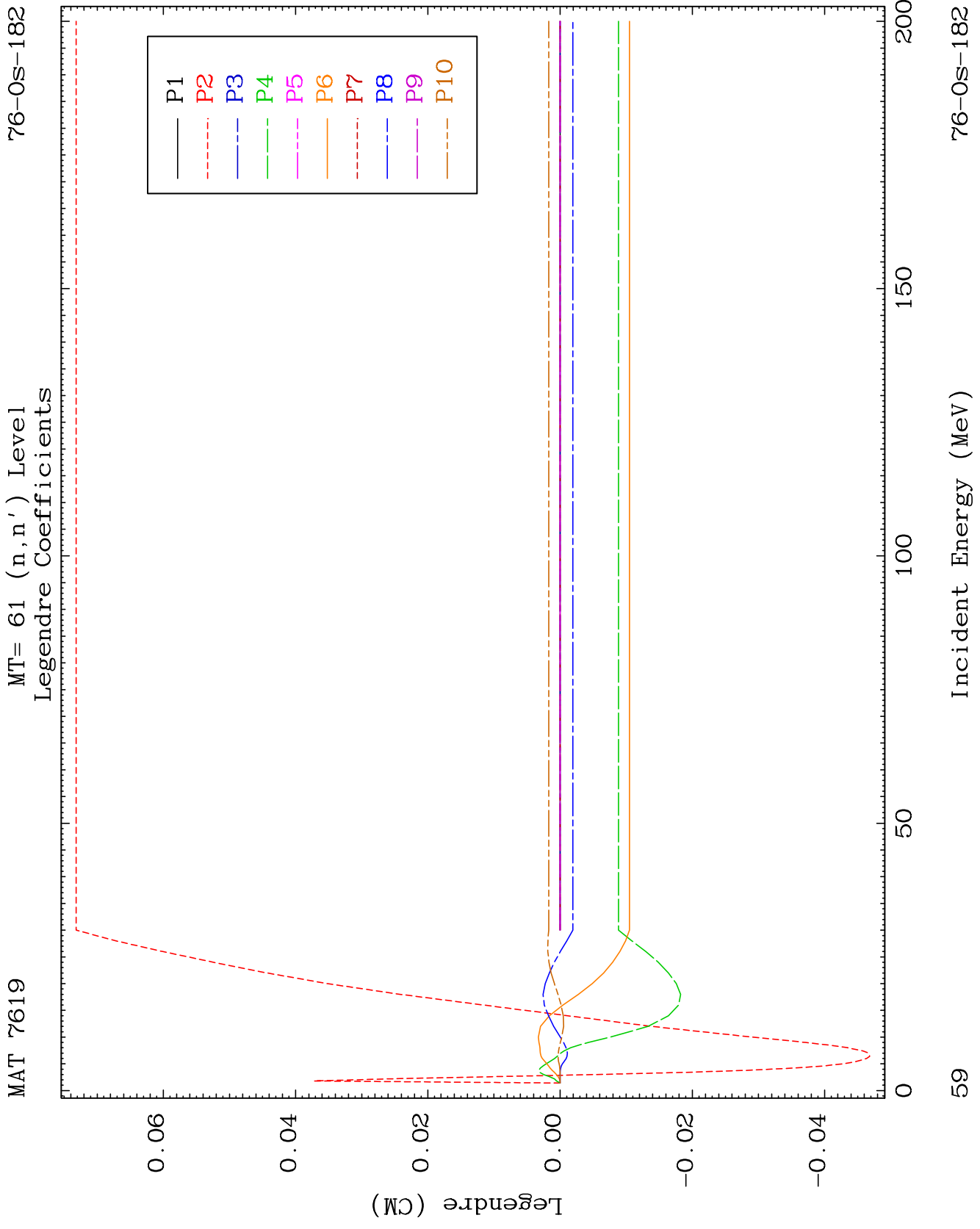


MAT 7619

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

76-Os-182





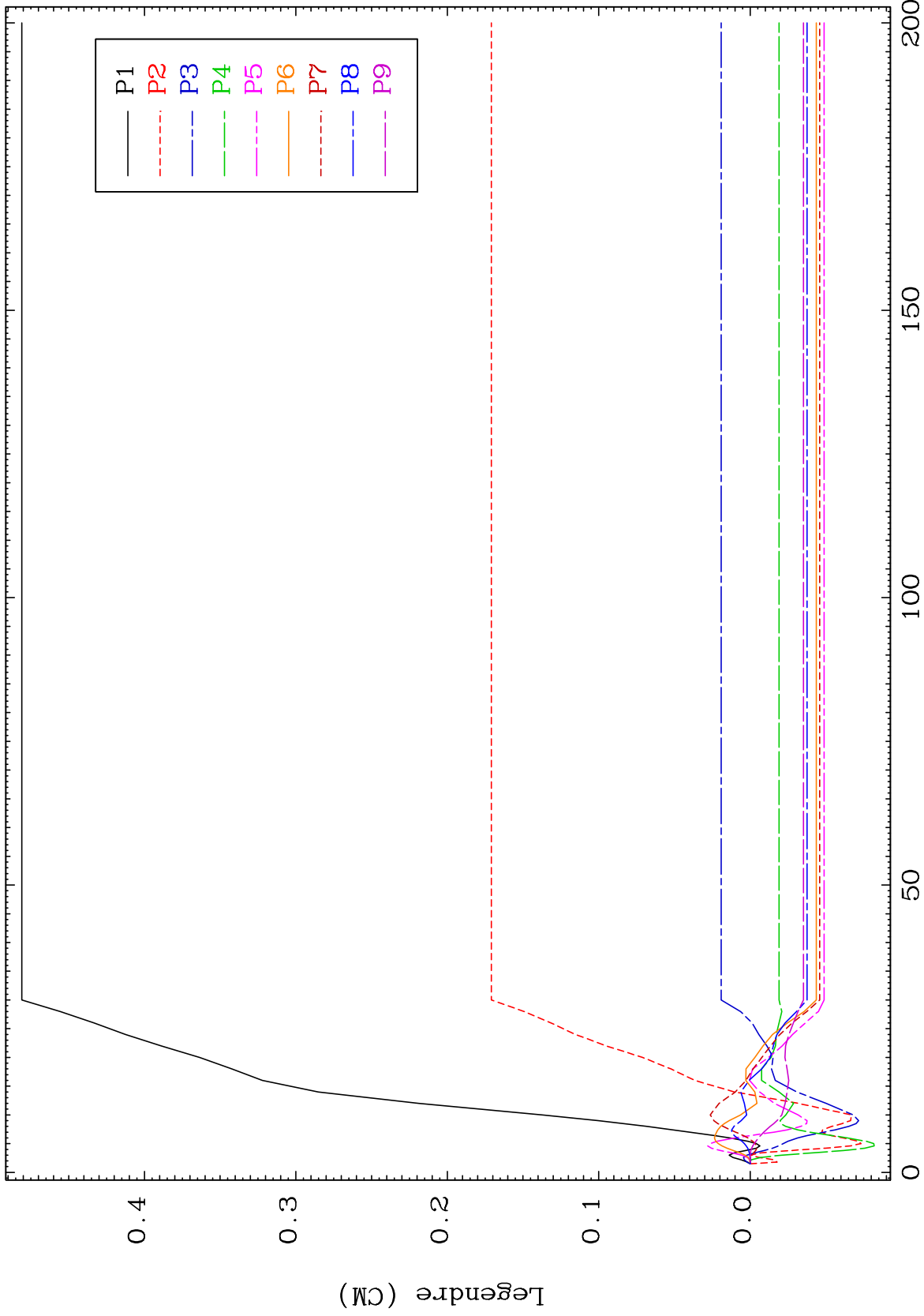




MAT 7619

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

76-Os-182



76-Os-182

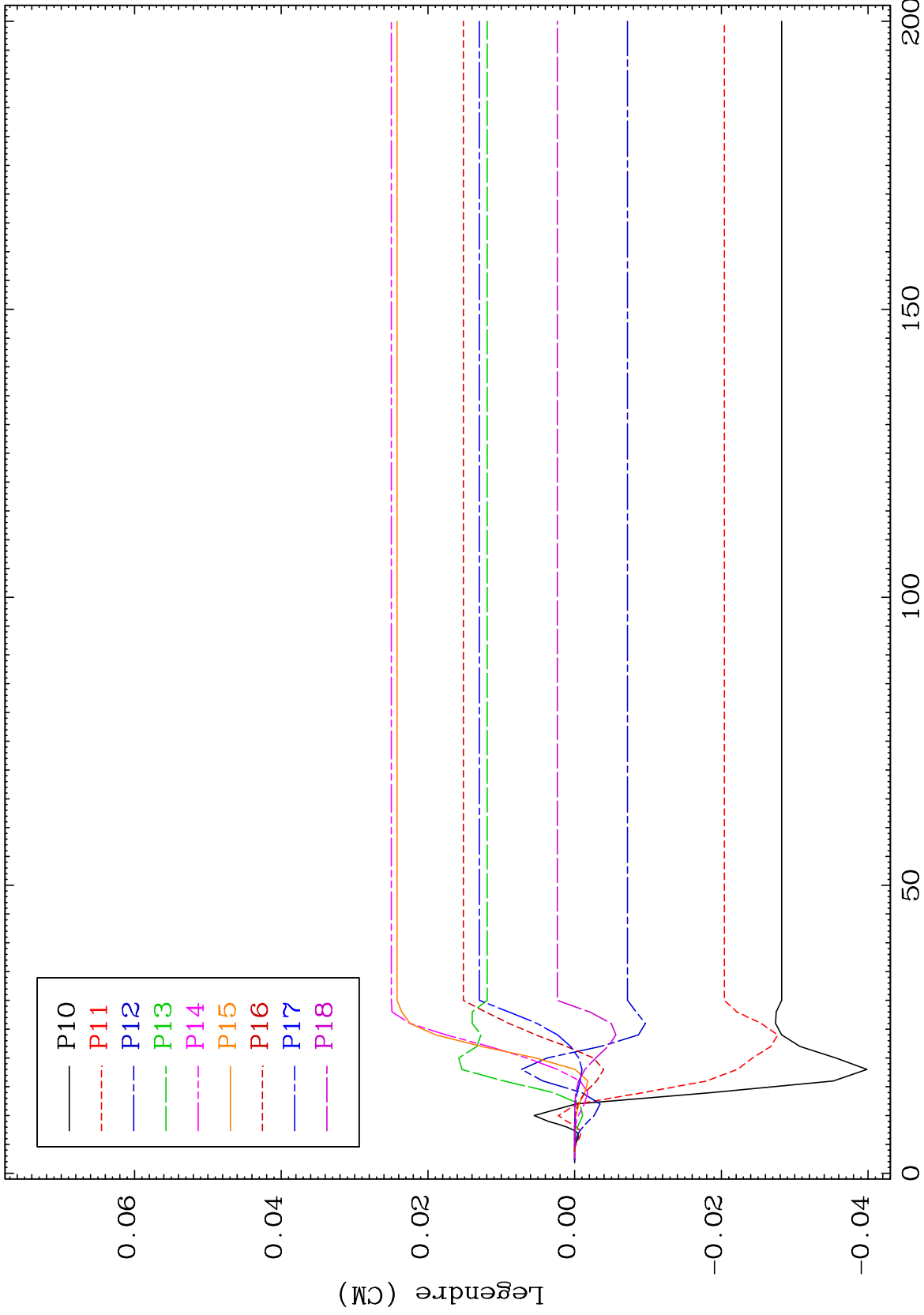
Incident Energy (MeV)

62

MAT 7619

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

76-0s-182



63

Incident Energy (MeV)

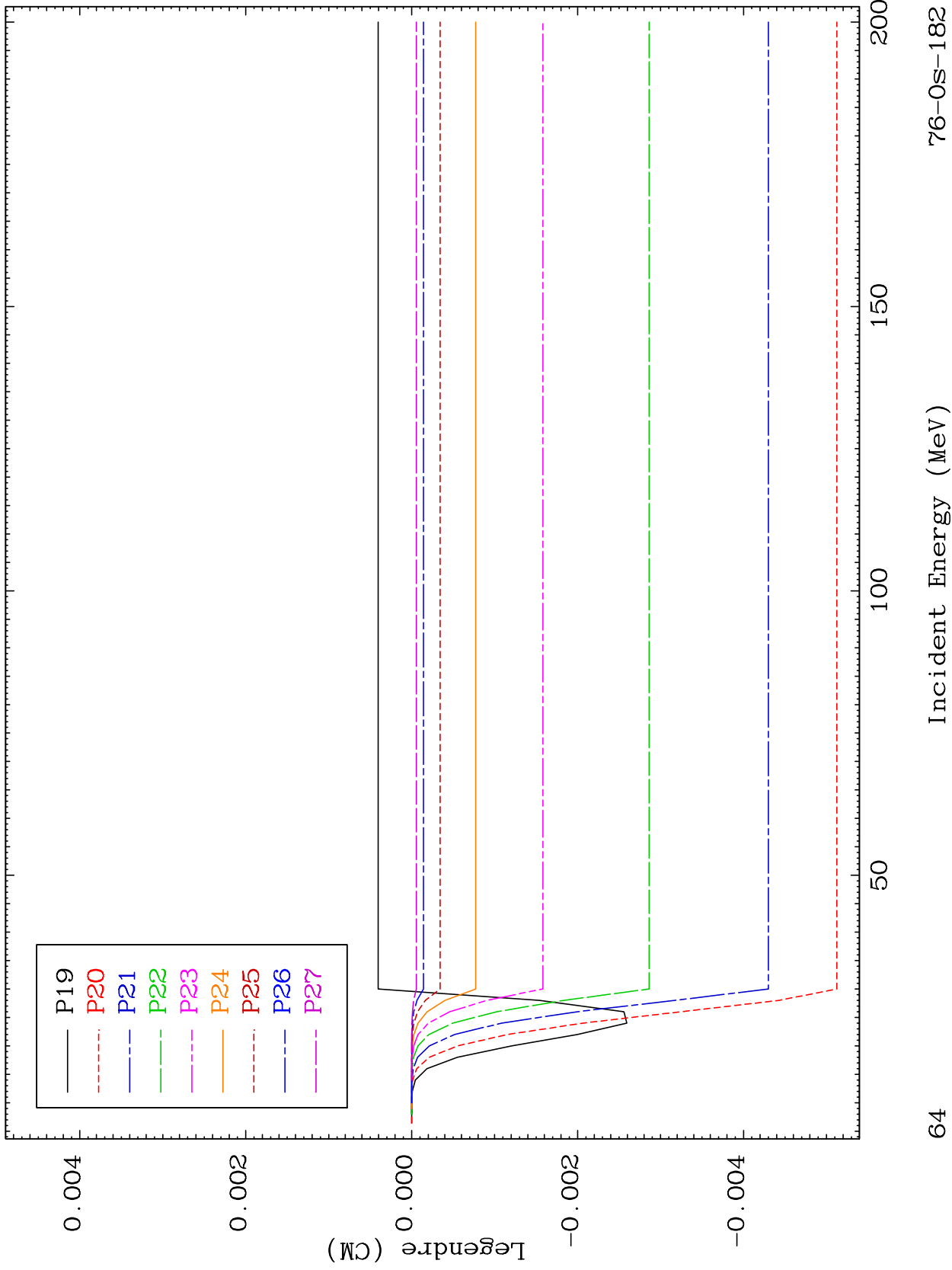
76-0s-182



MAT 7619

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

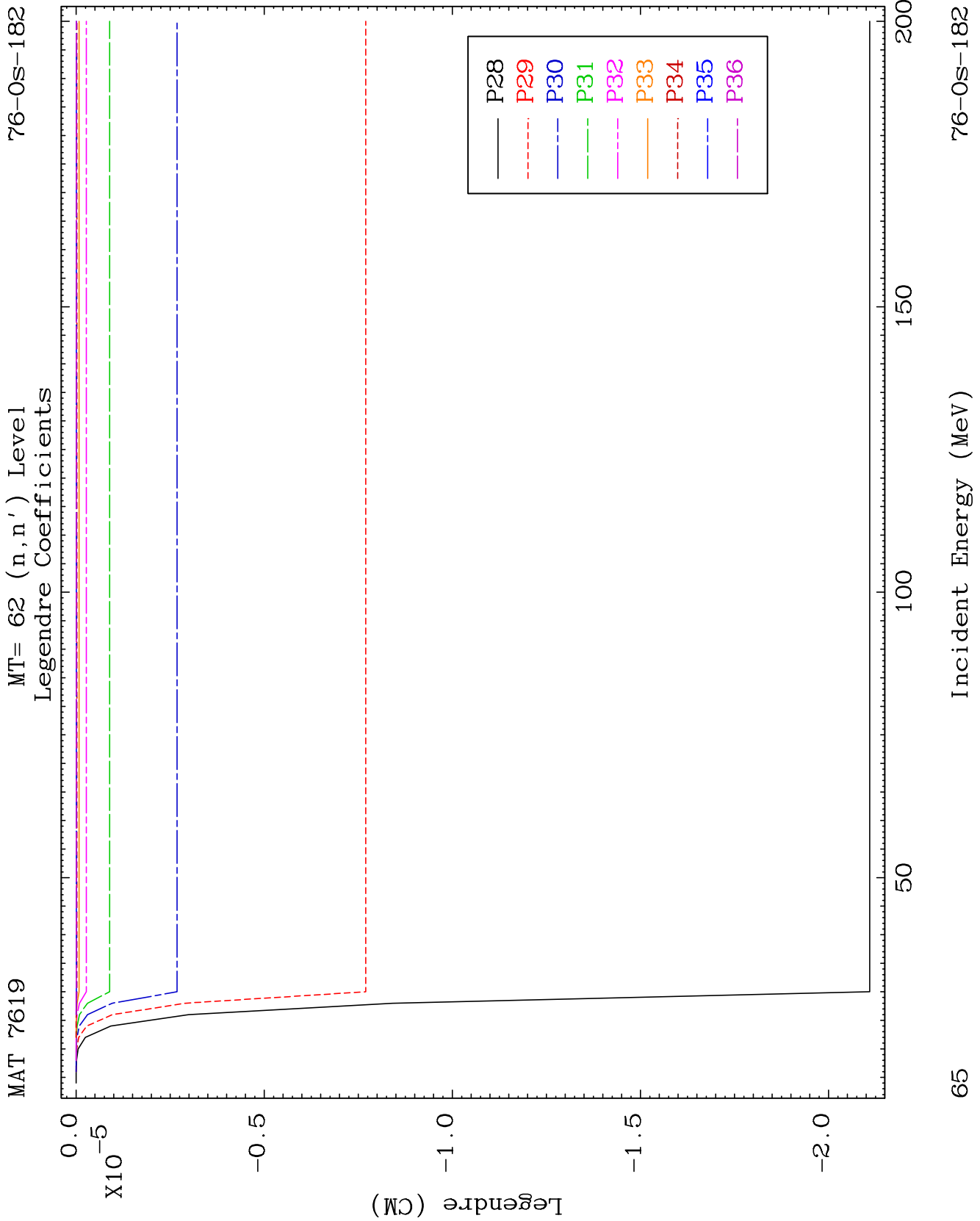
76-0s-182



64

Incident Energy (MeV)

76-0s-182

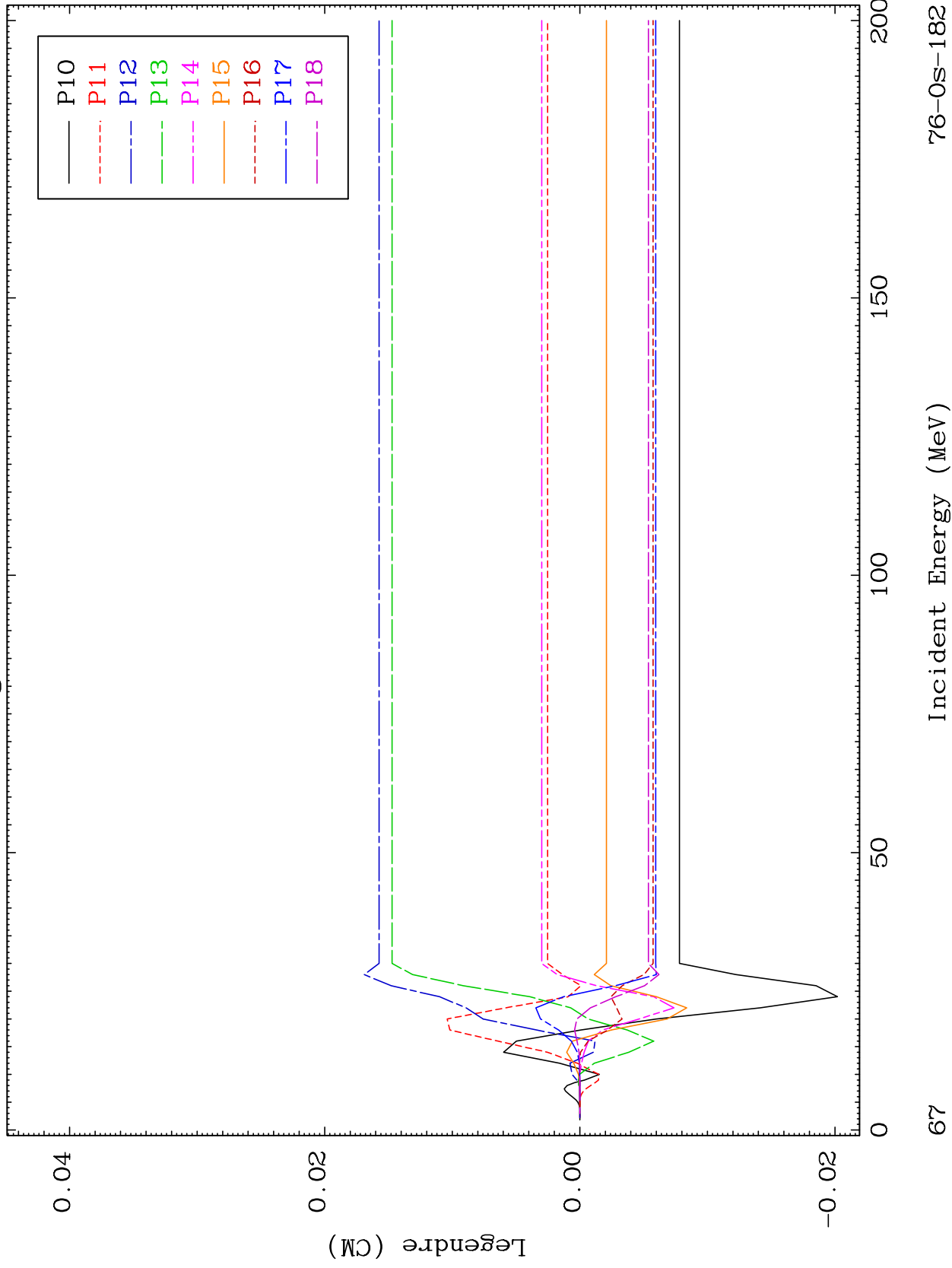




MAT 7619

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

76-Os-182



67

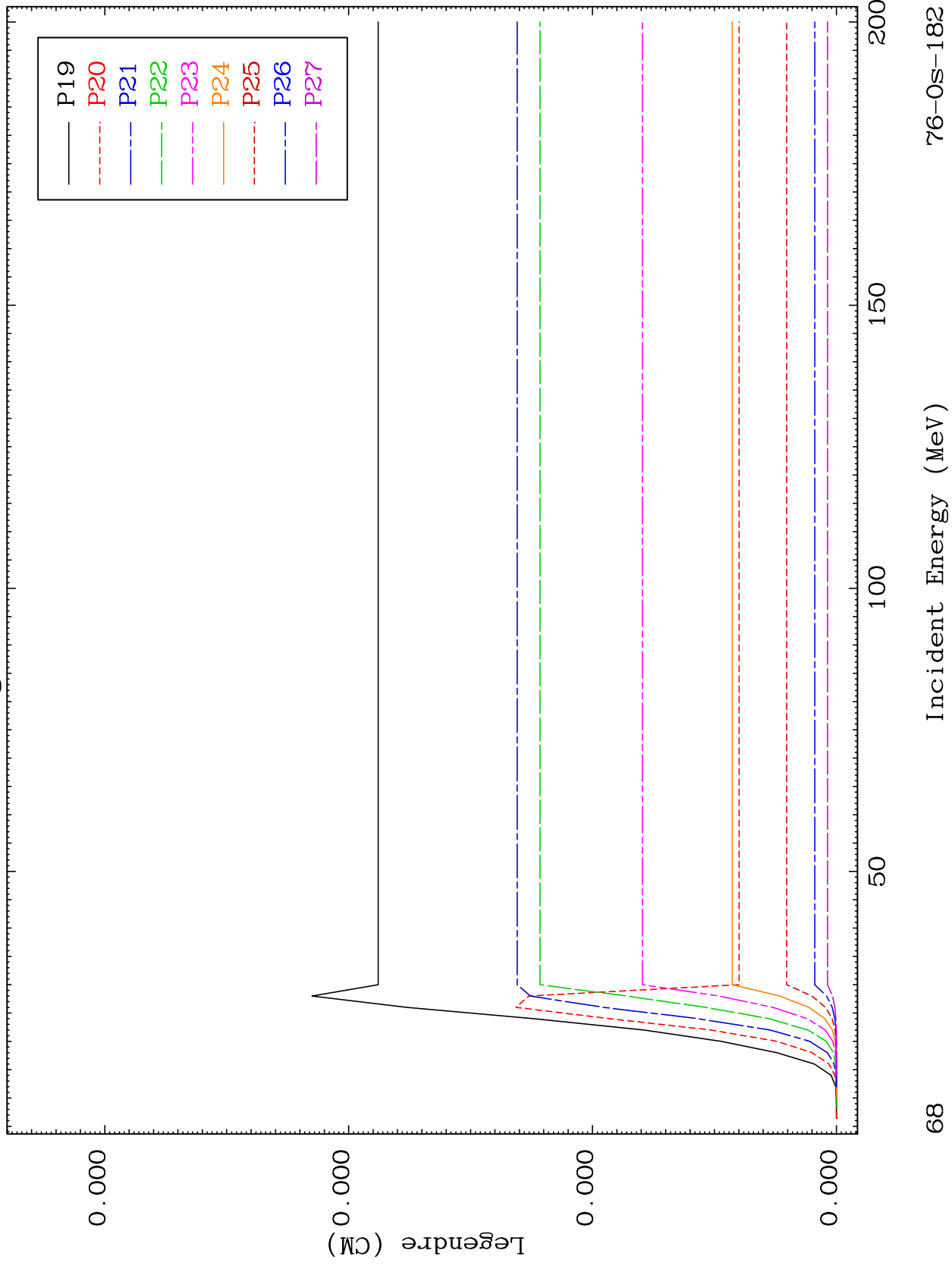
Incident Energy (MeV)

76-Os-182

MAT 7619

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

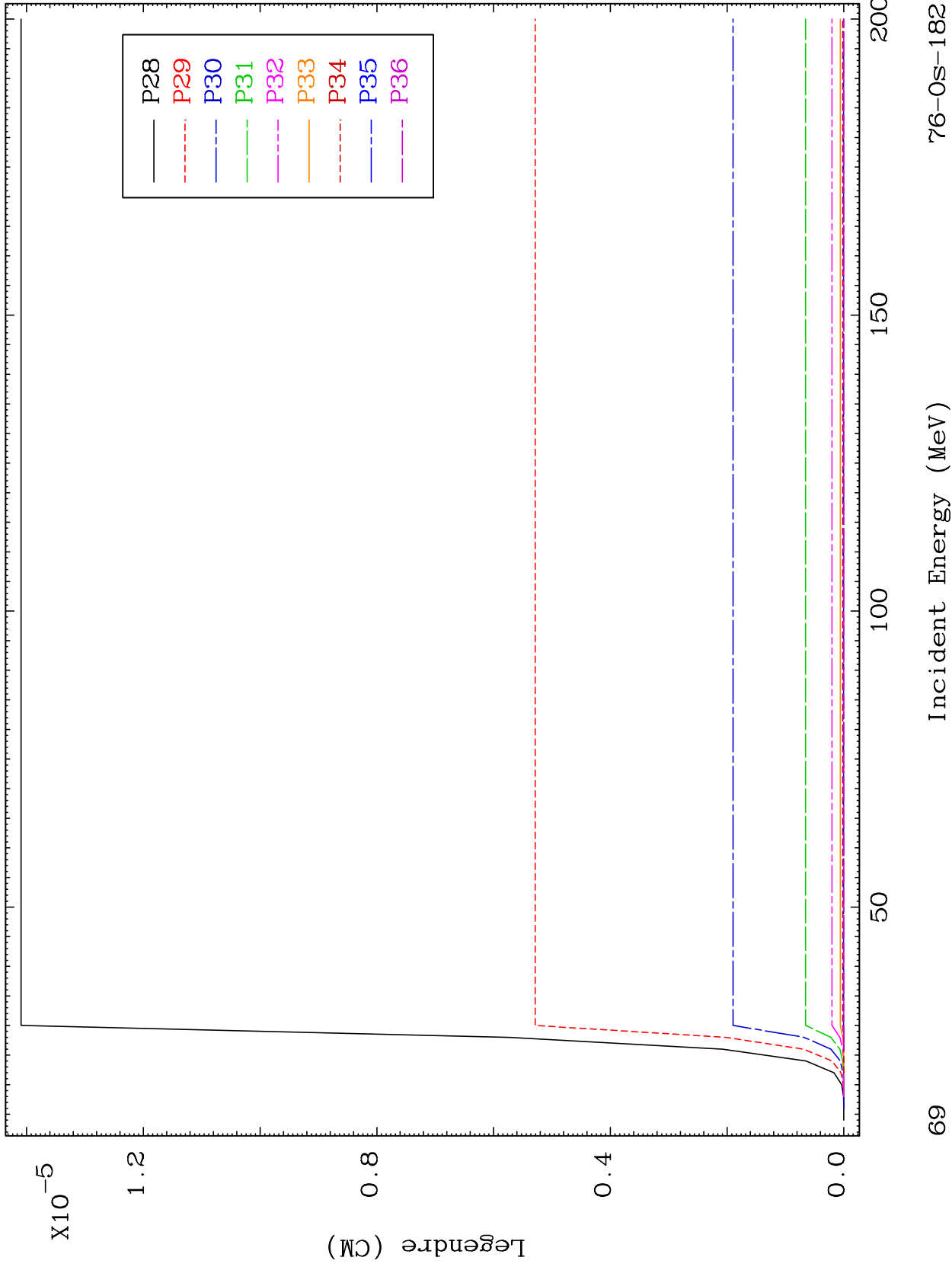
76-Os-182



MAT 7619

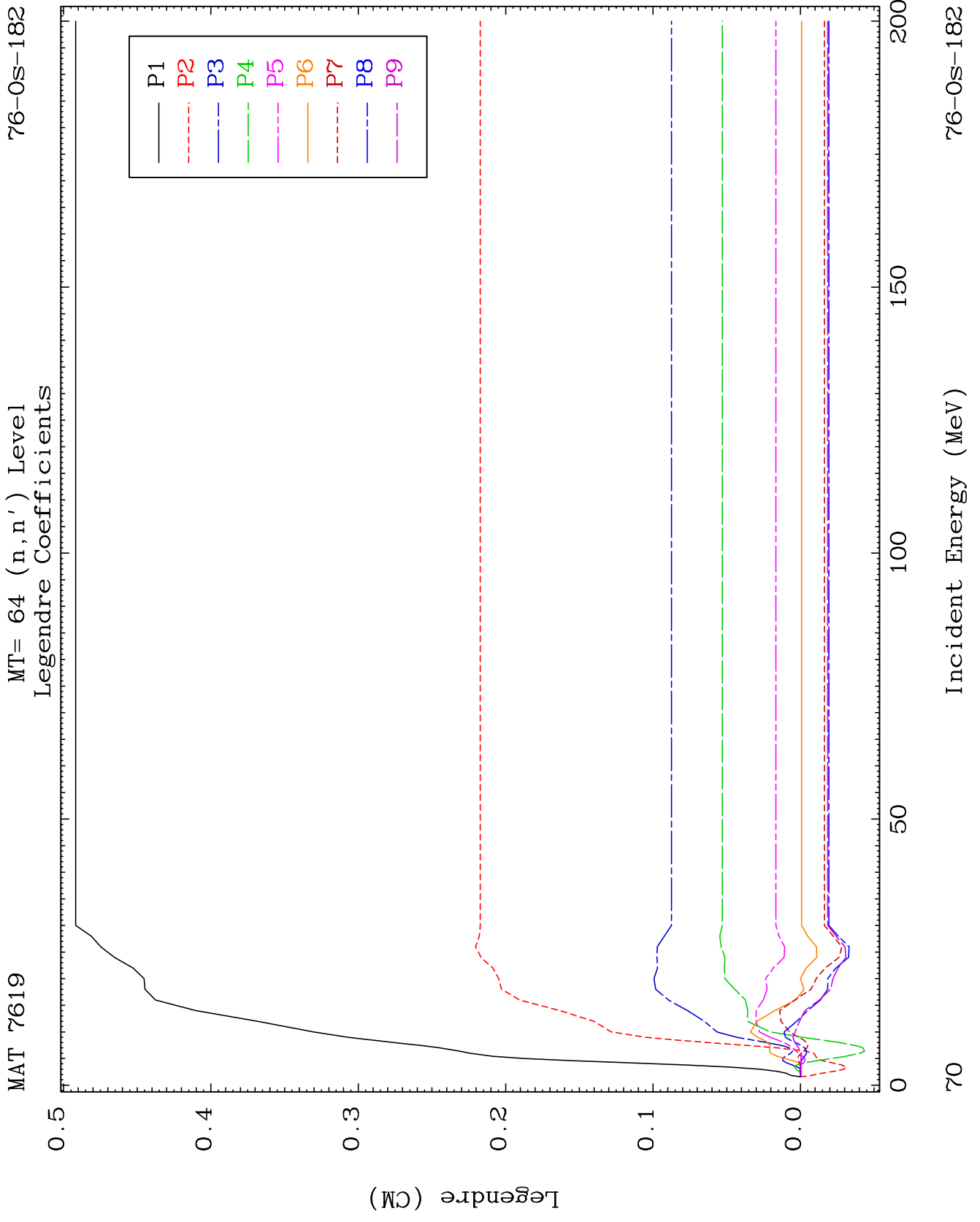
MT= 63 (n,n') Level  
Legendre Coefficients

76-Os-182



69

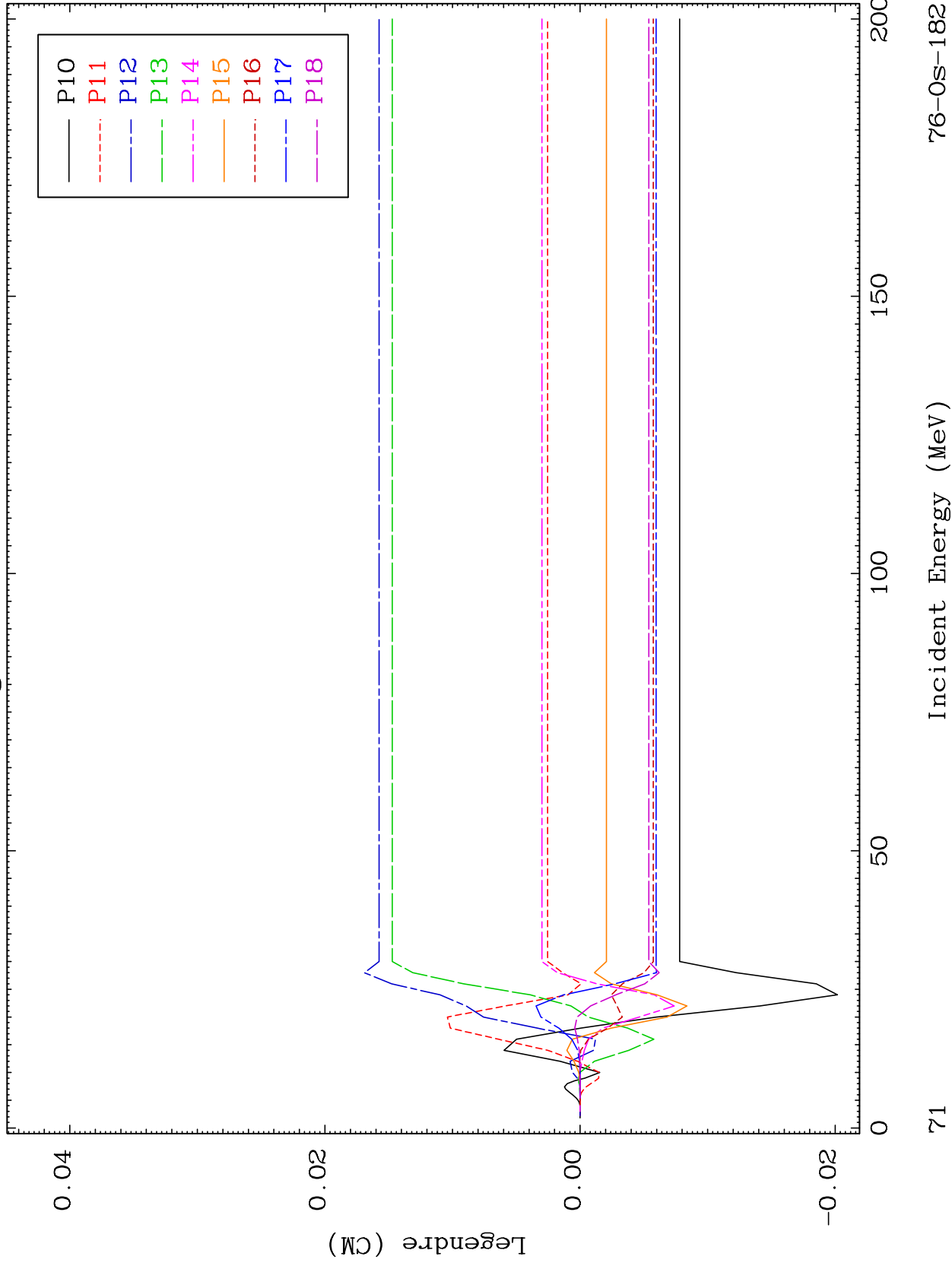
76-Os-182



MAT 7619

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

76-Os-182



71

Incident Energy (MeV)

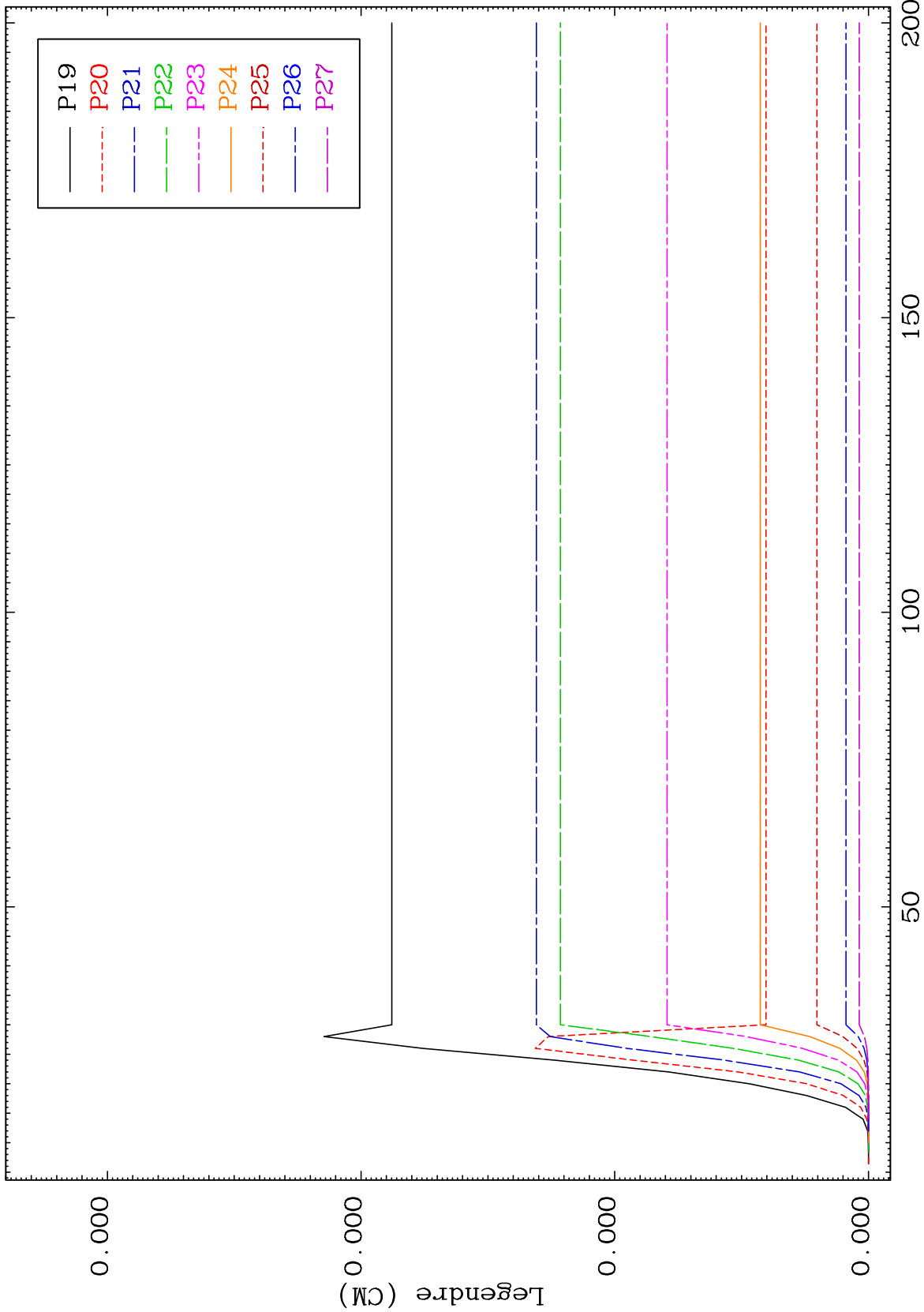
76-Os-182



MAT 7619

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

76-Os-182



72

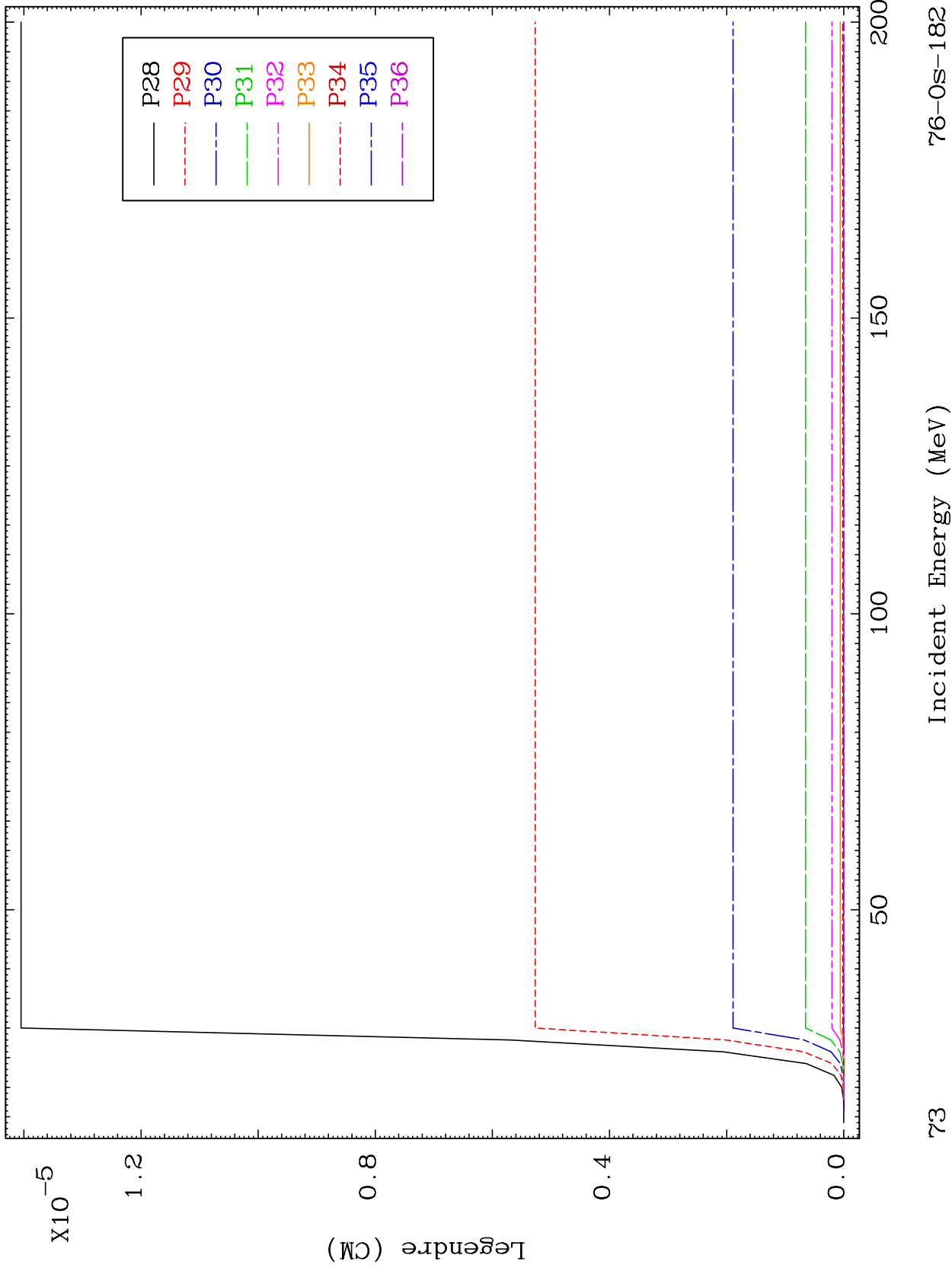
Incident Energy (MeV)

76-Os-182

MAT 7619

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

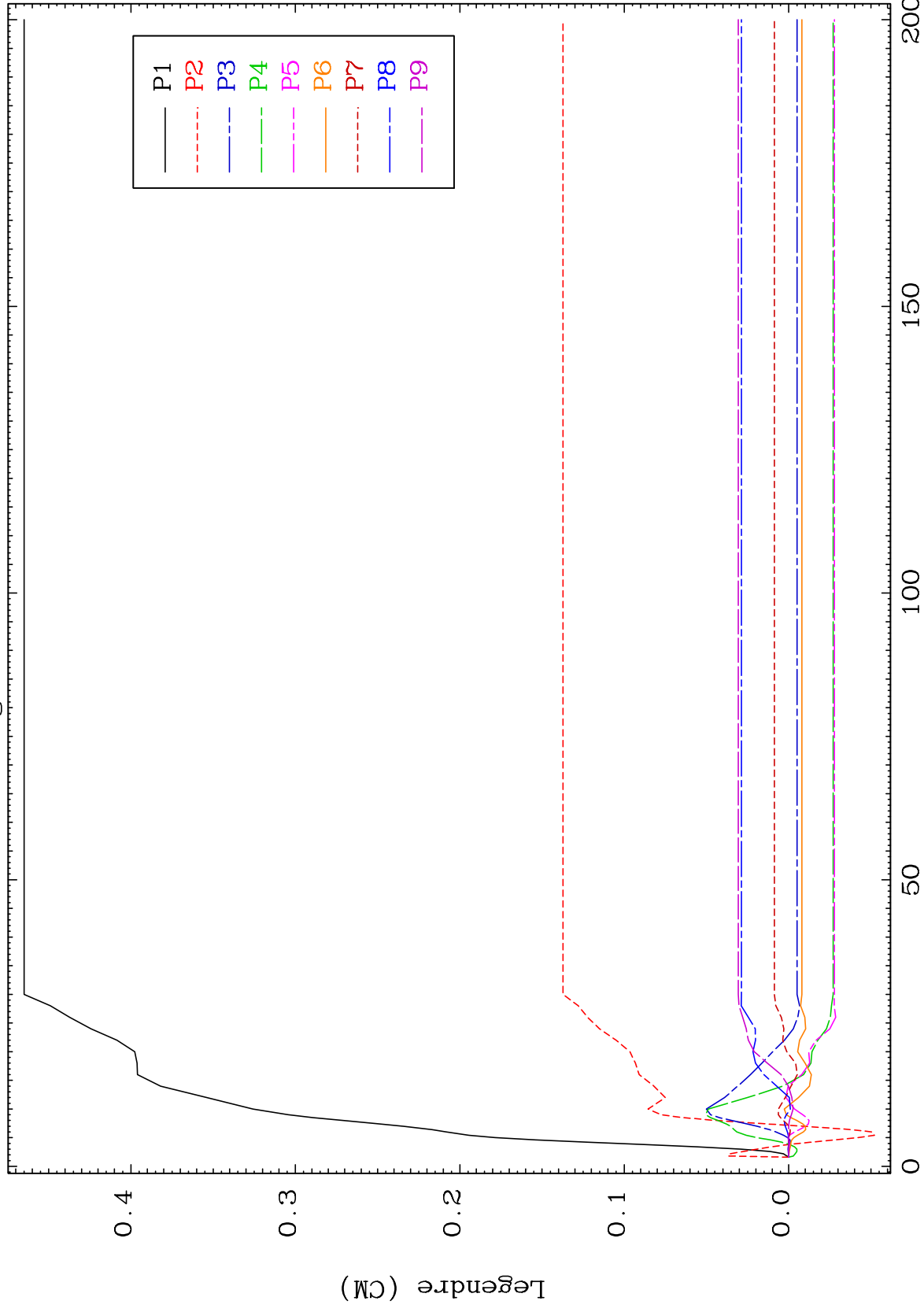
76-Os-182



MAT 7619

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

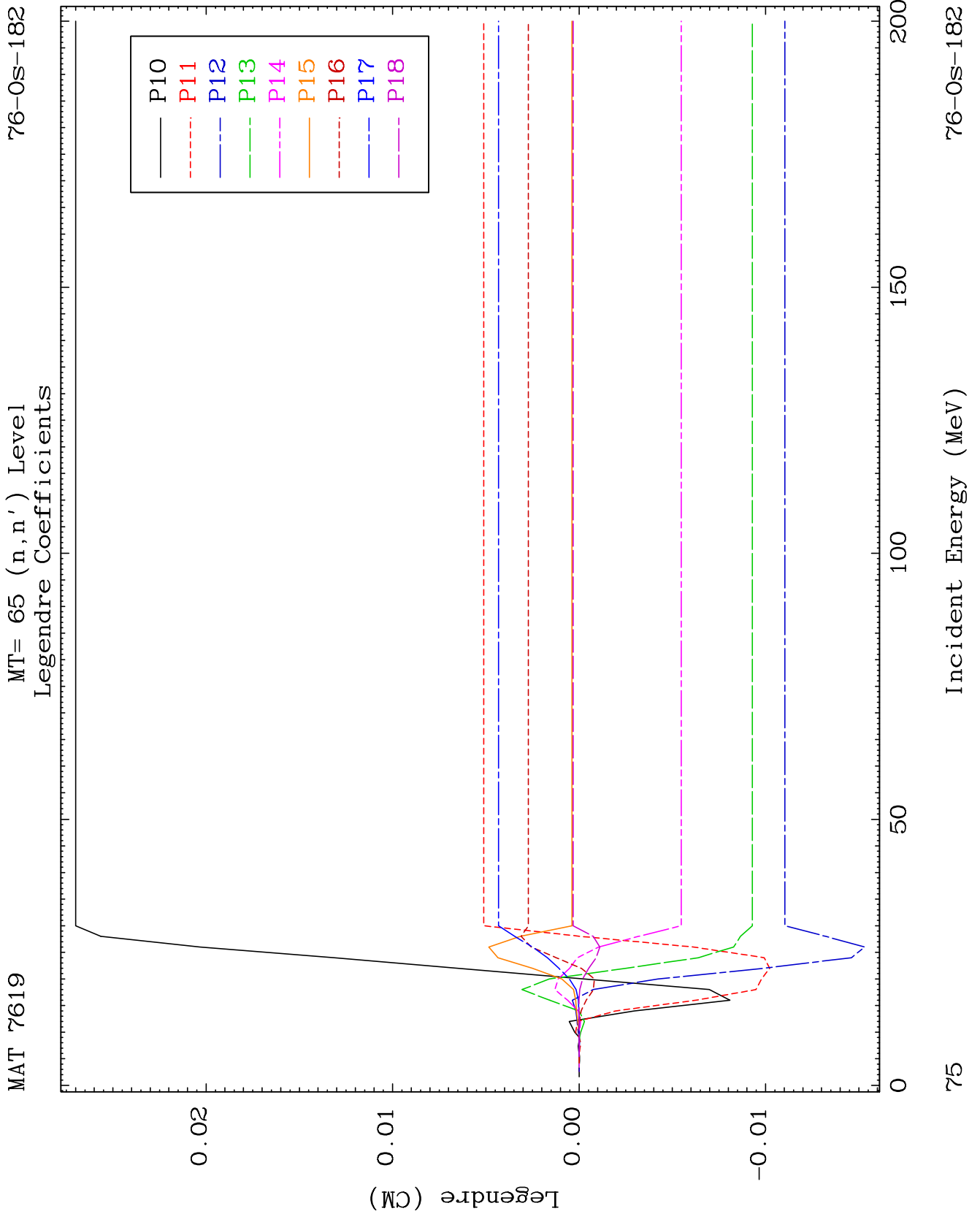
76-Os-182

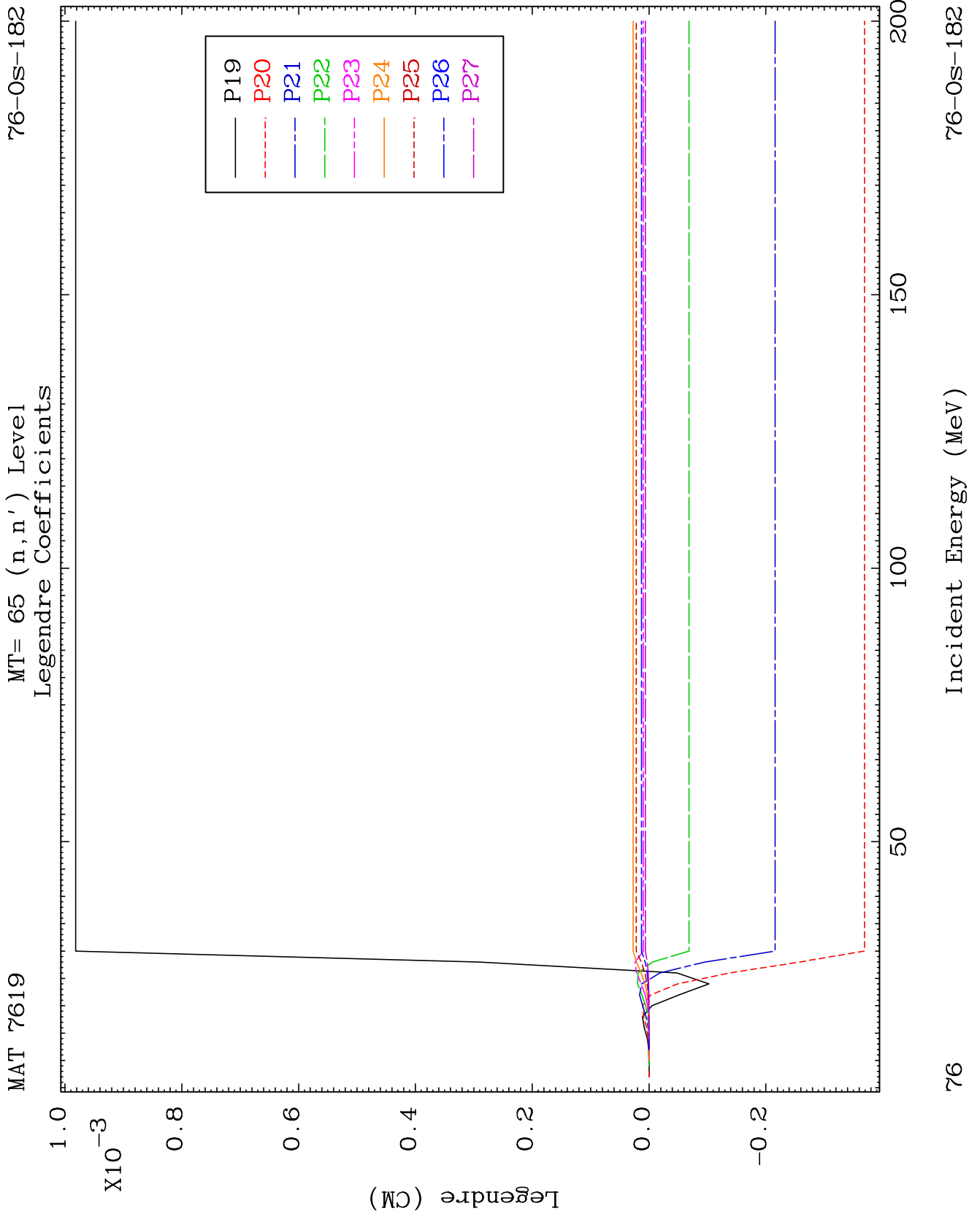


74

Incident Energy (MeV)

76-Os-182

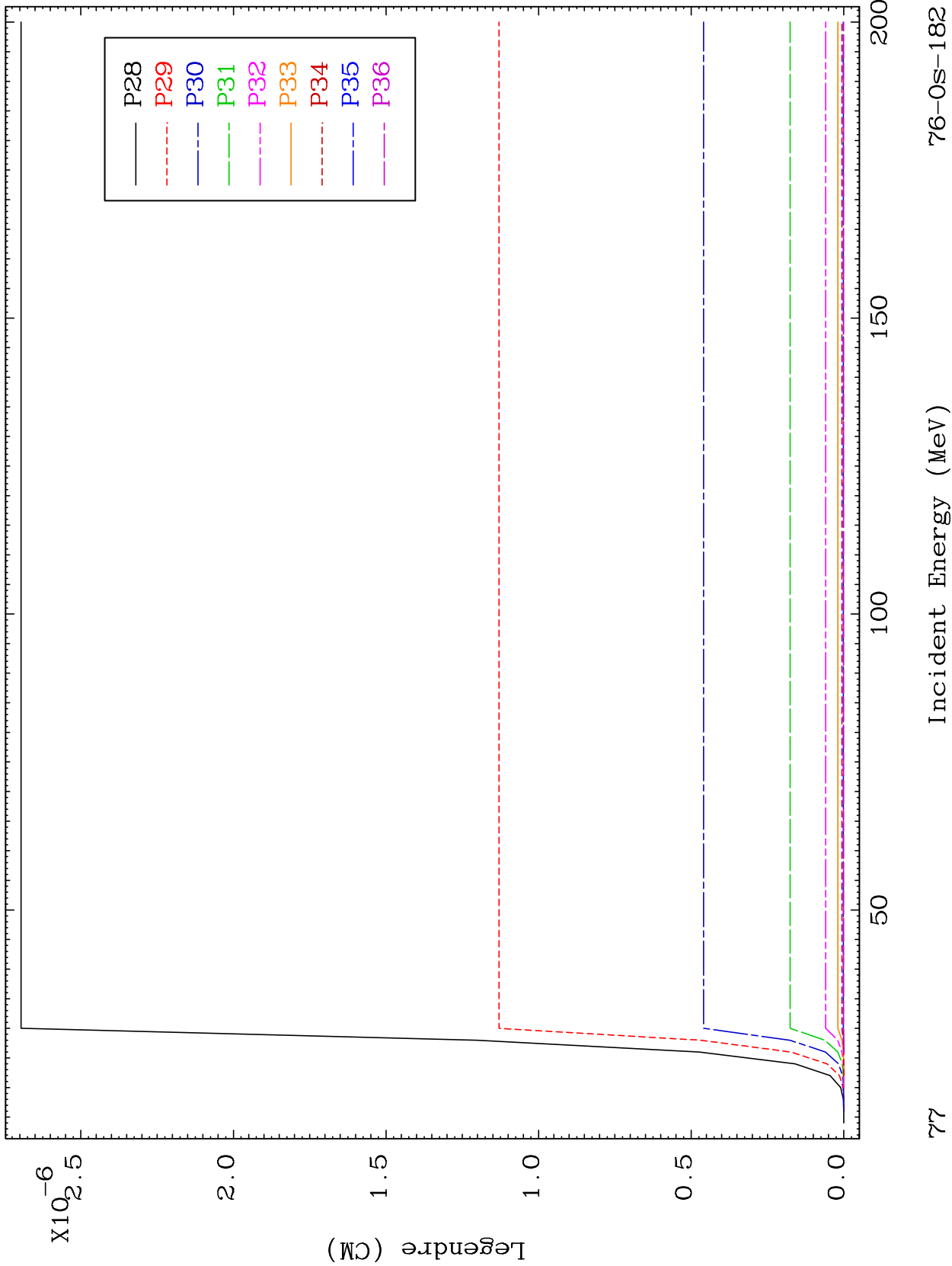




MAT 7619

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

76-Os-182



77

Incident Energy (MeV)

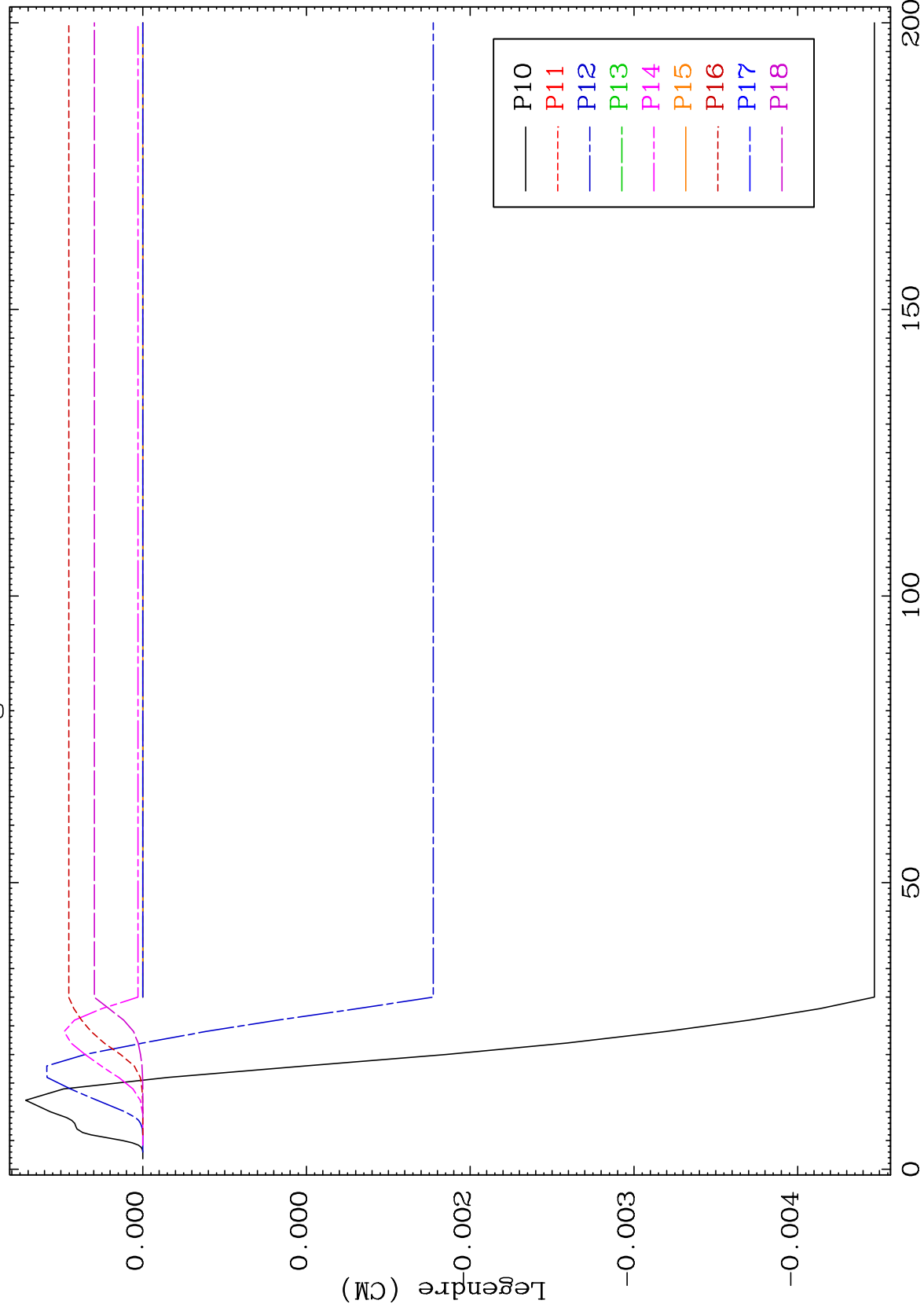
76-Os-182



MAT 7619

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

76-Os-182



79

Incident Energy (MeV)

76-Os-182



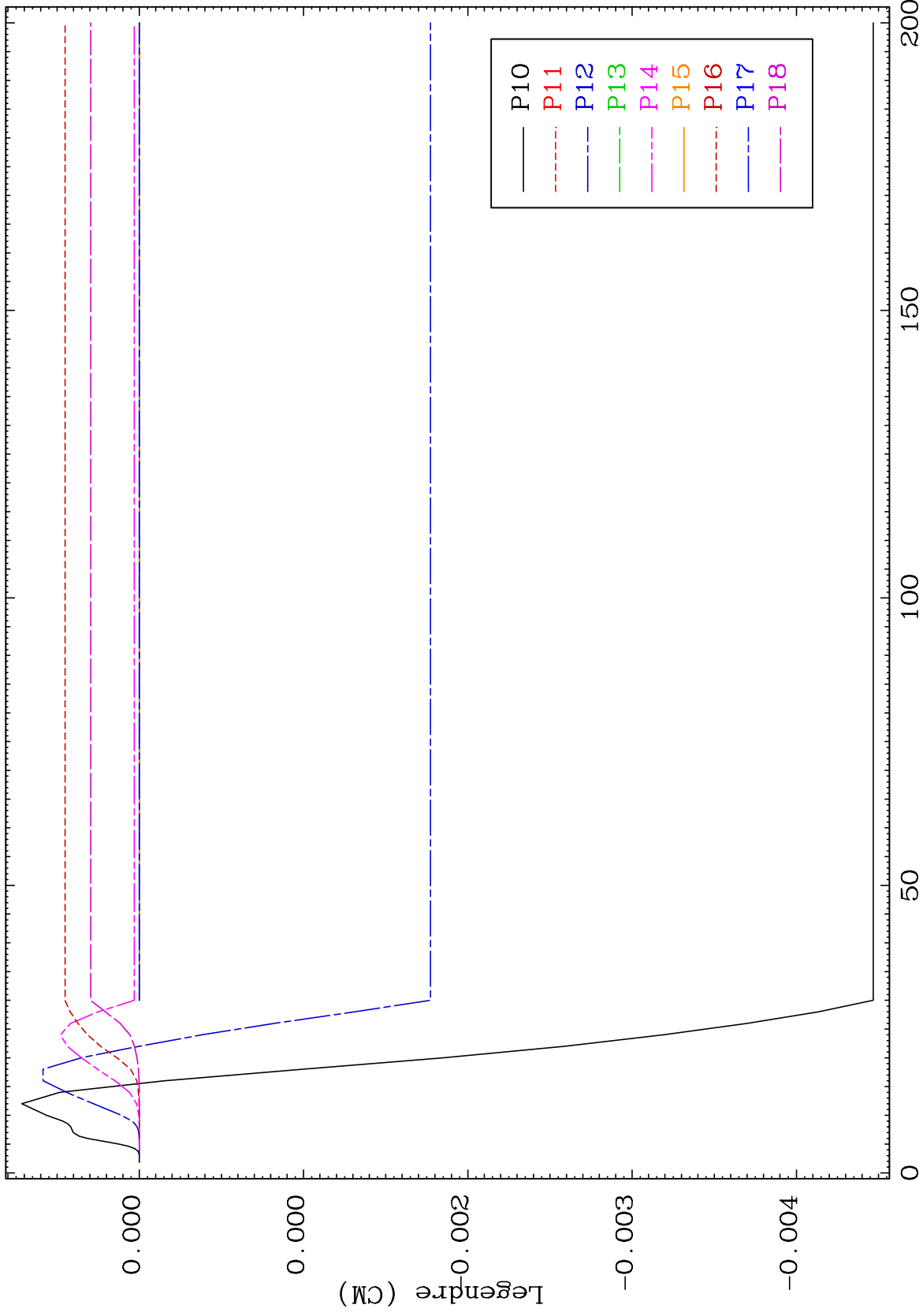




MAT 7619

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

76-Os-182

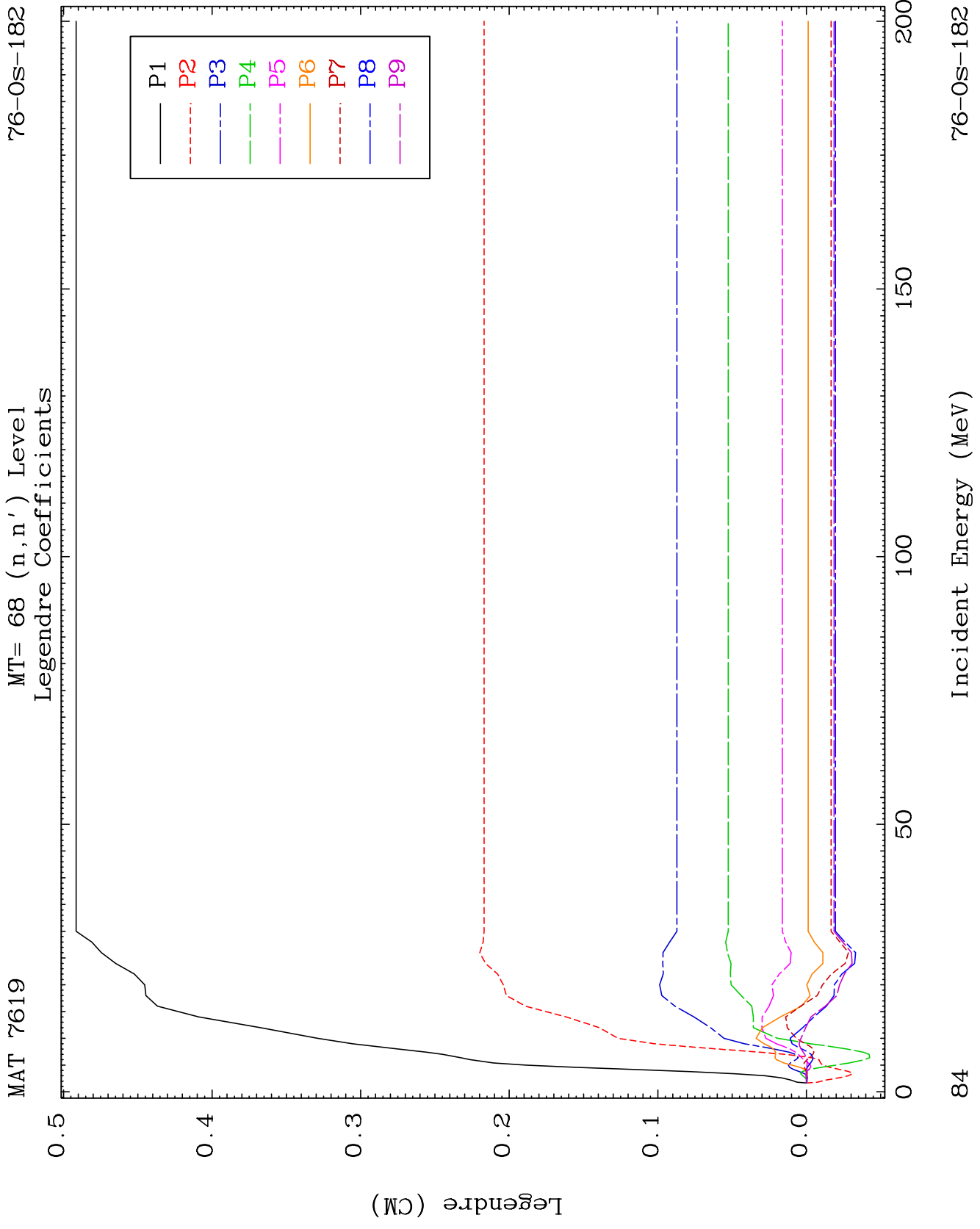


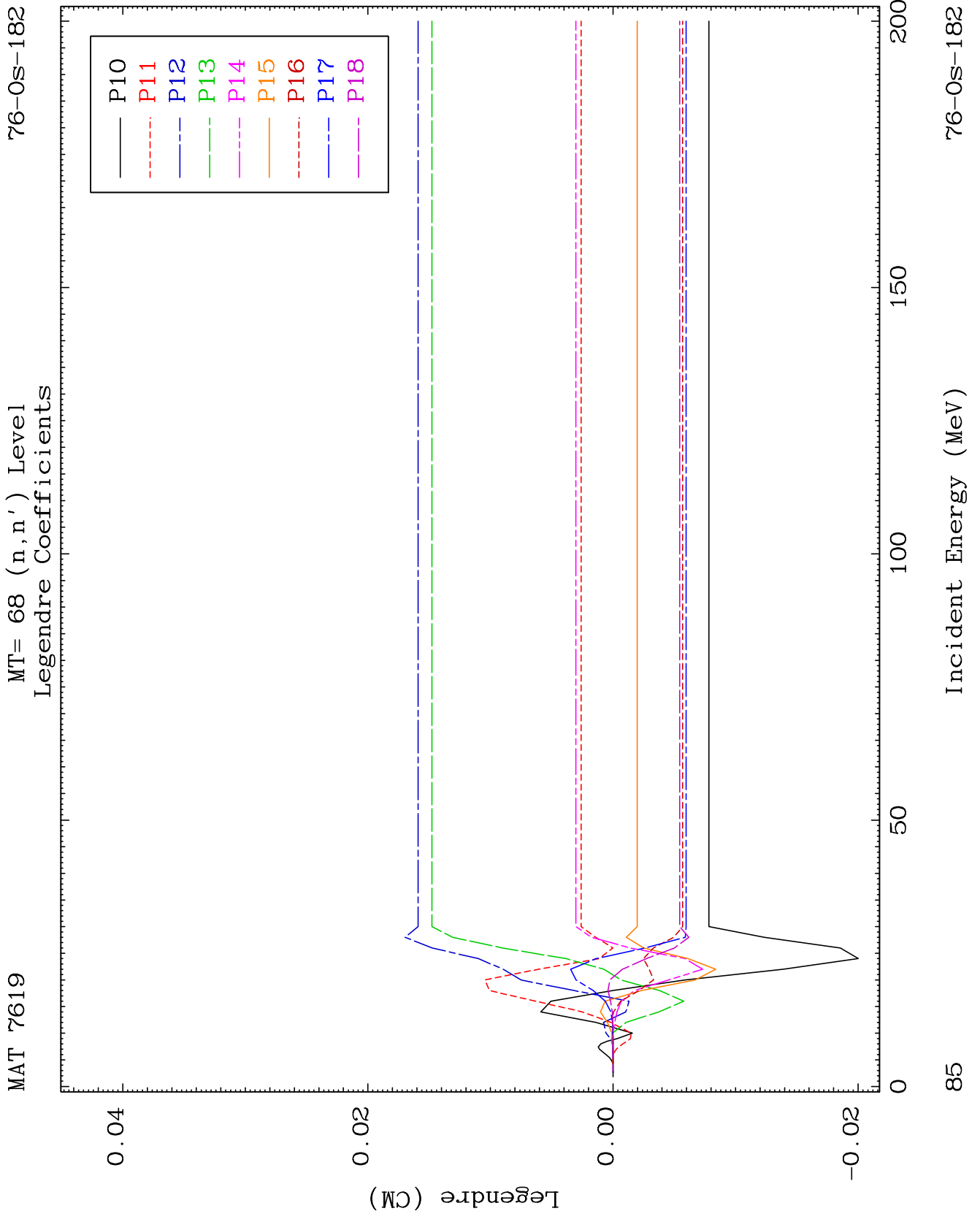
82

Incident Energy (MeV)

76-Os-182



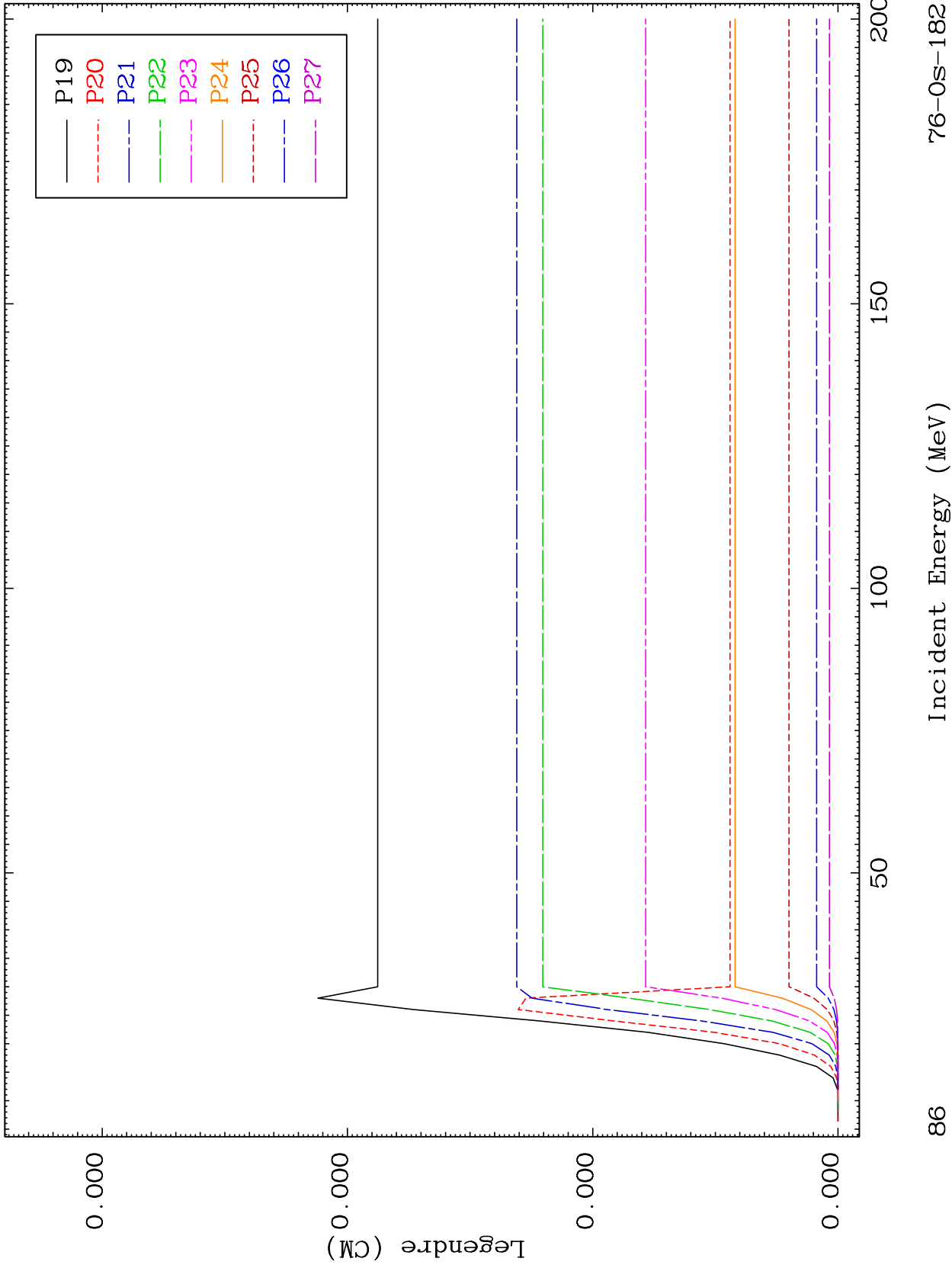




MAT 7619

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

76-Os-182



86

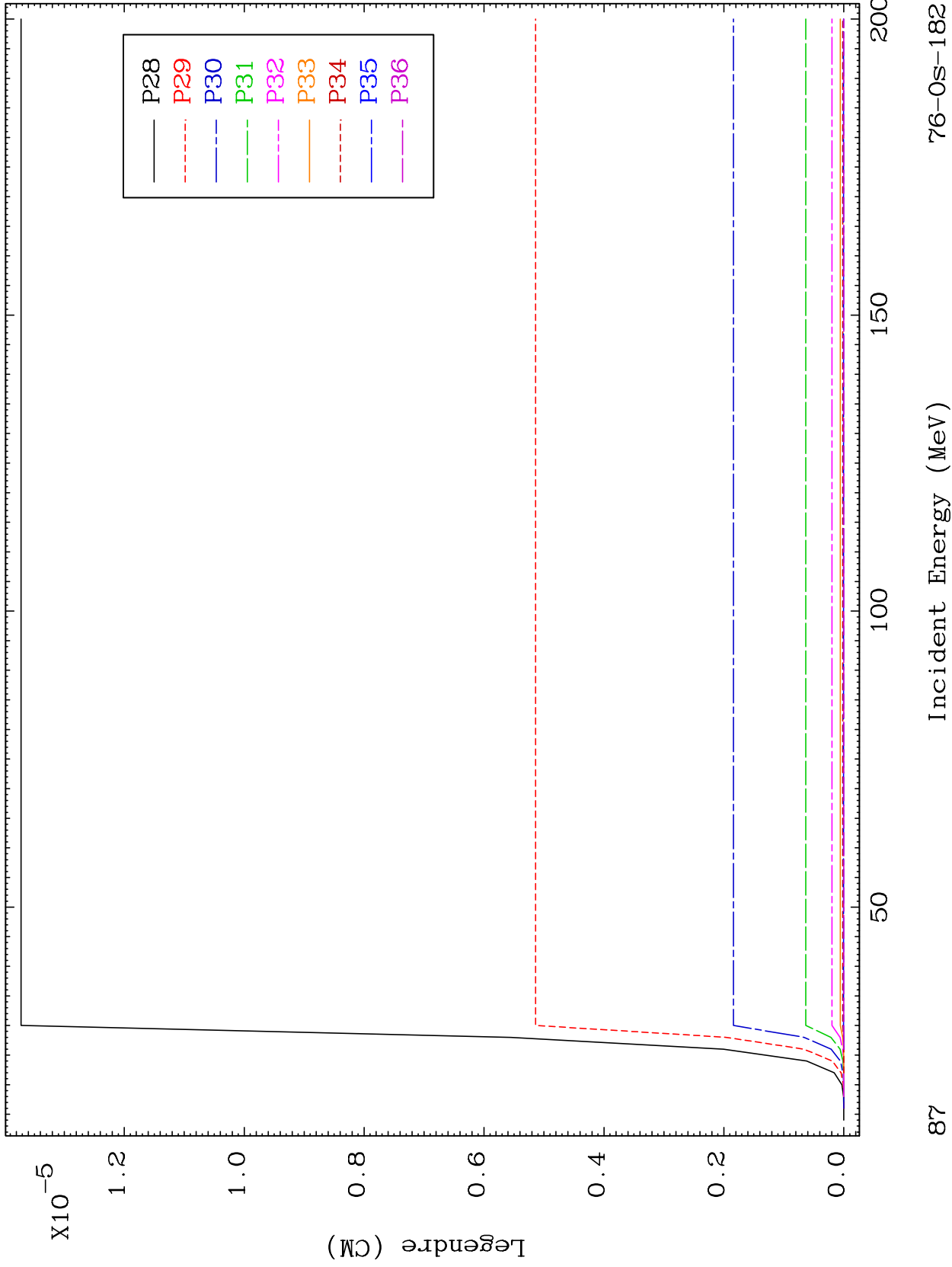
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182

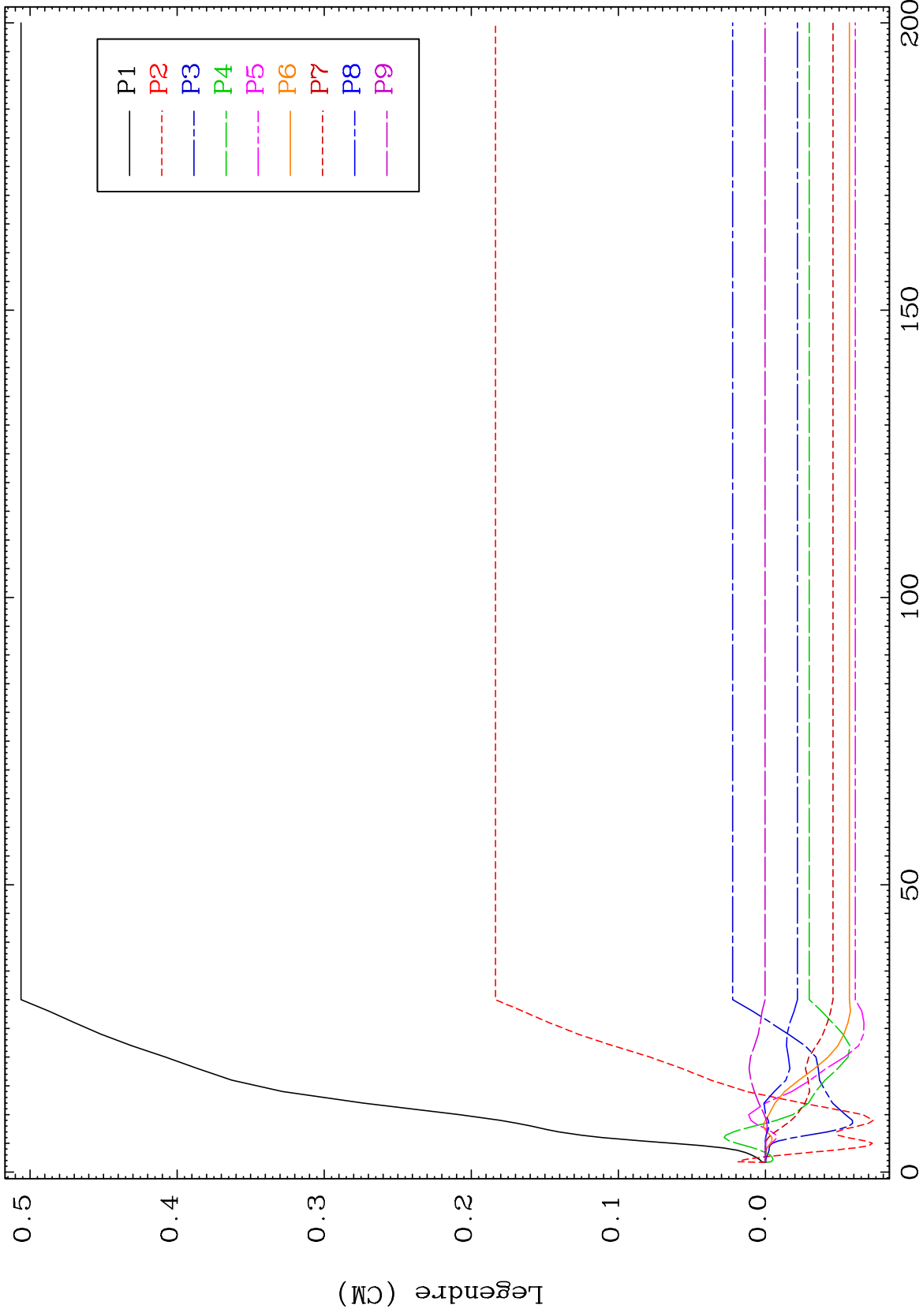




MAT 7619

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

76-Os-182



88

Incident Energy (MeV)

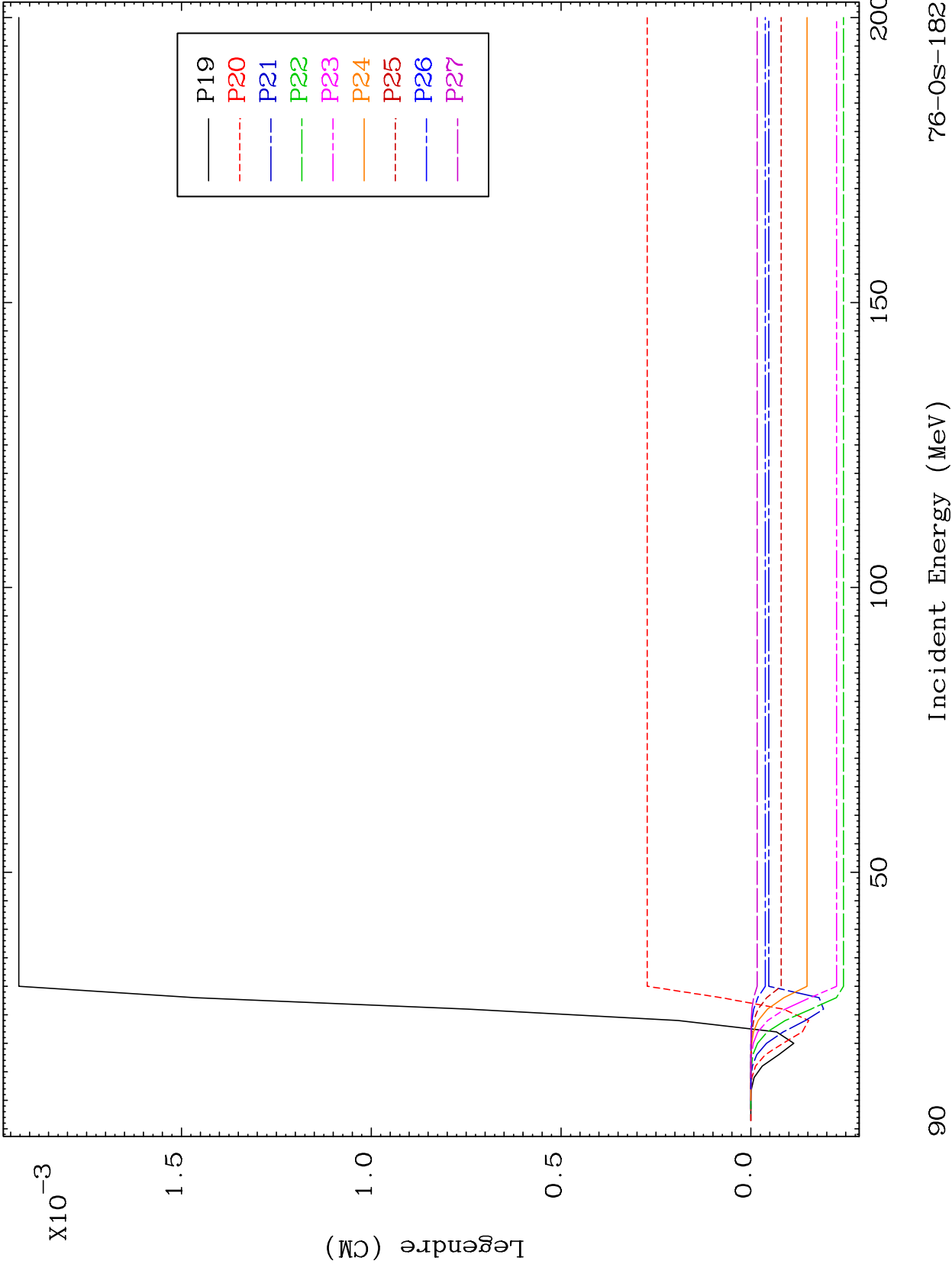
76-Os-182

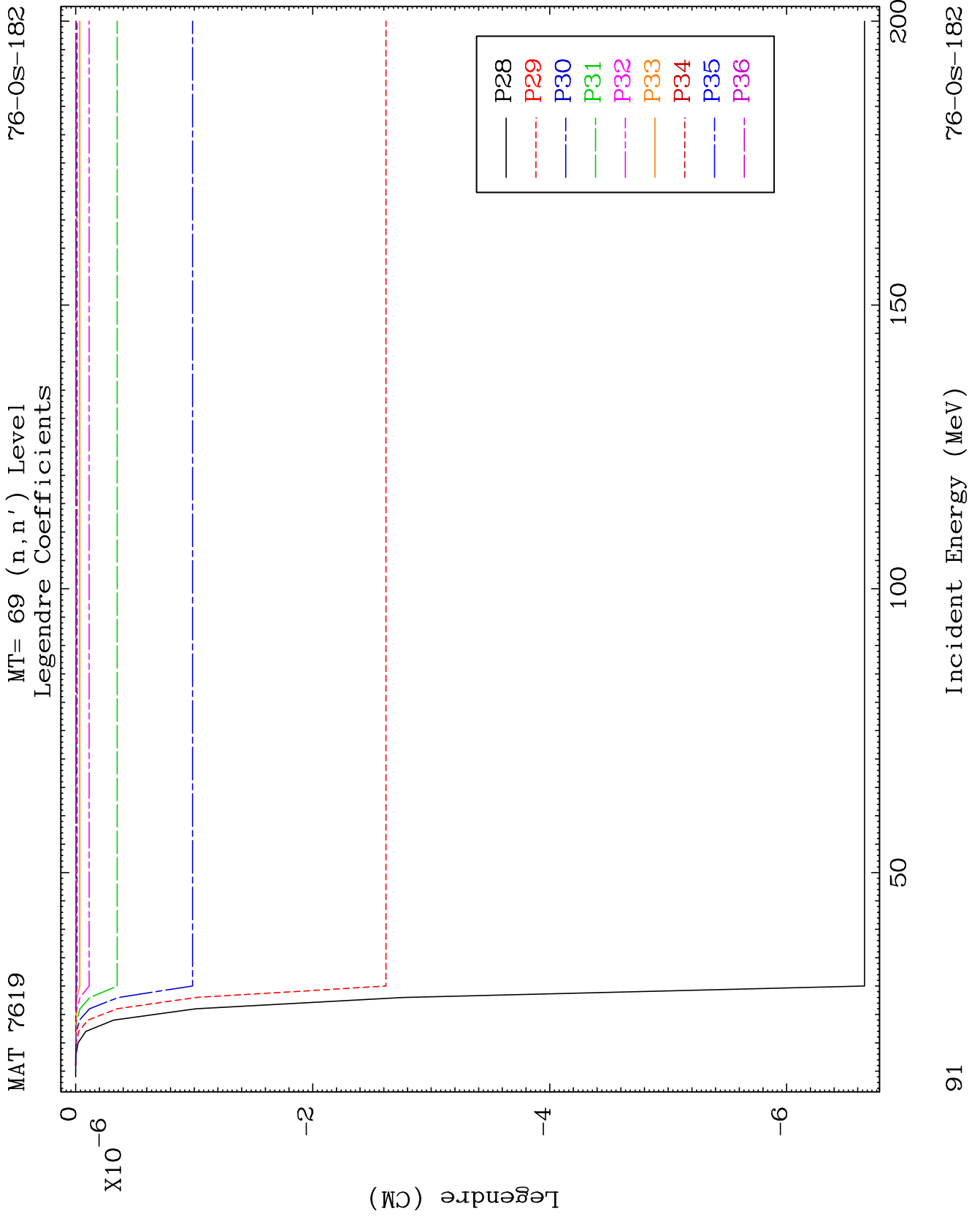


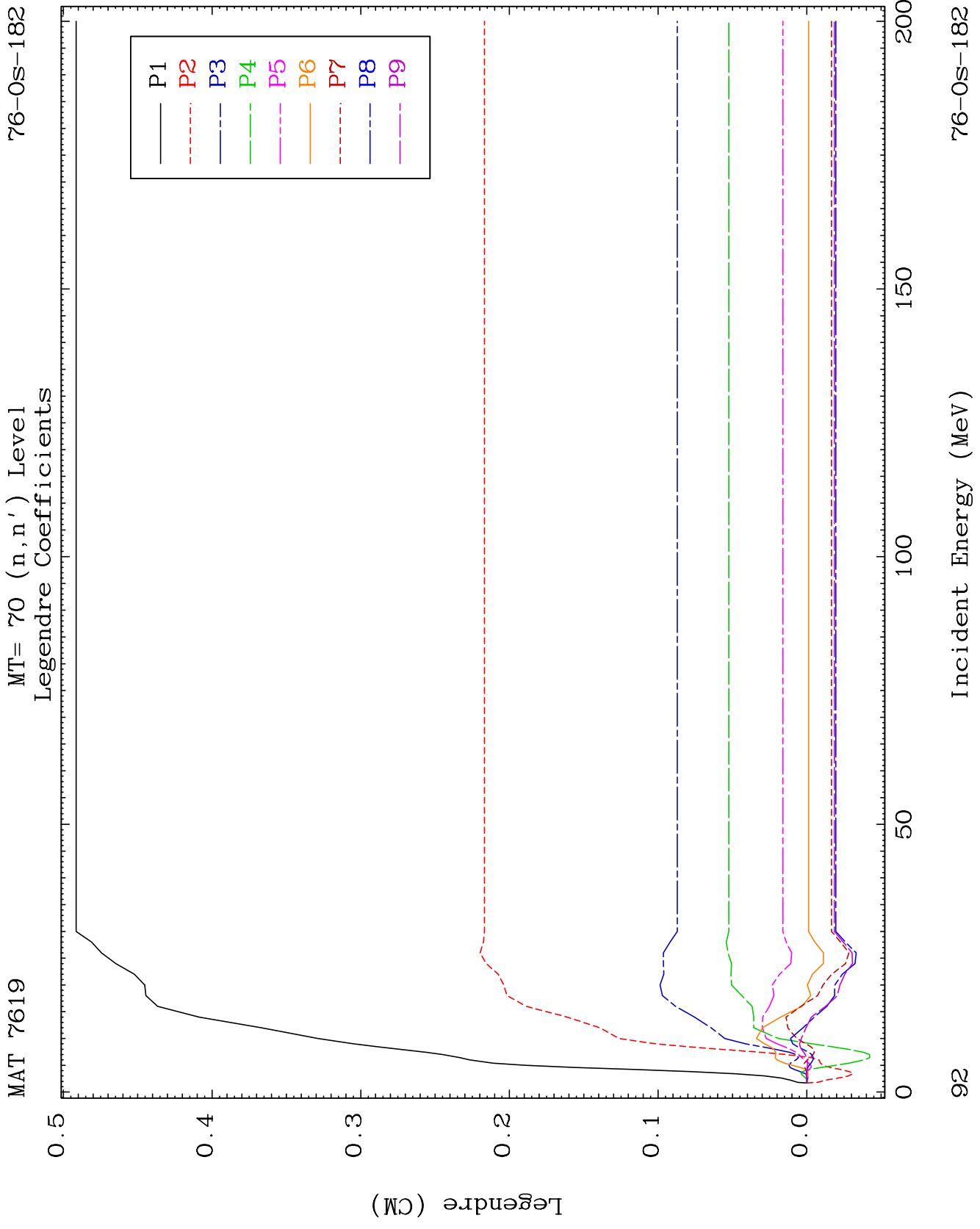
MAT 7619

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

76-Os-182



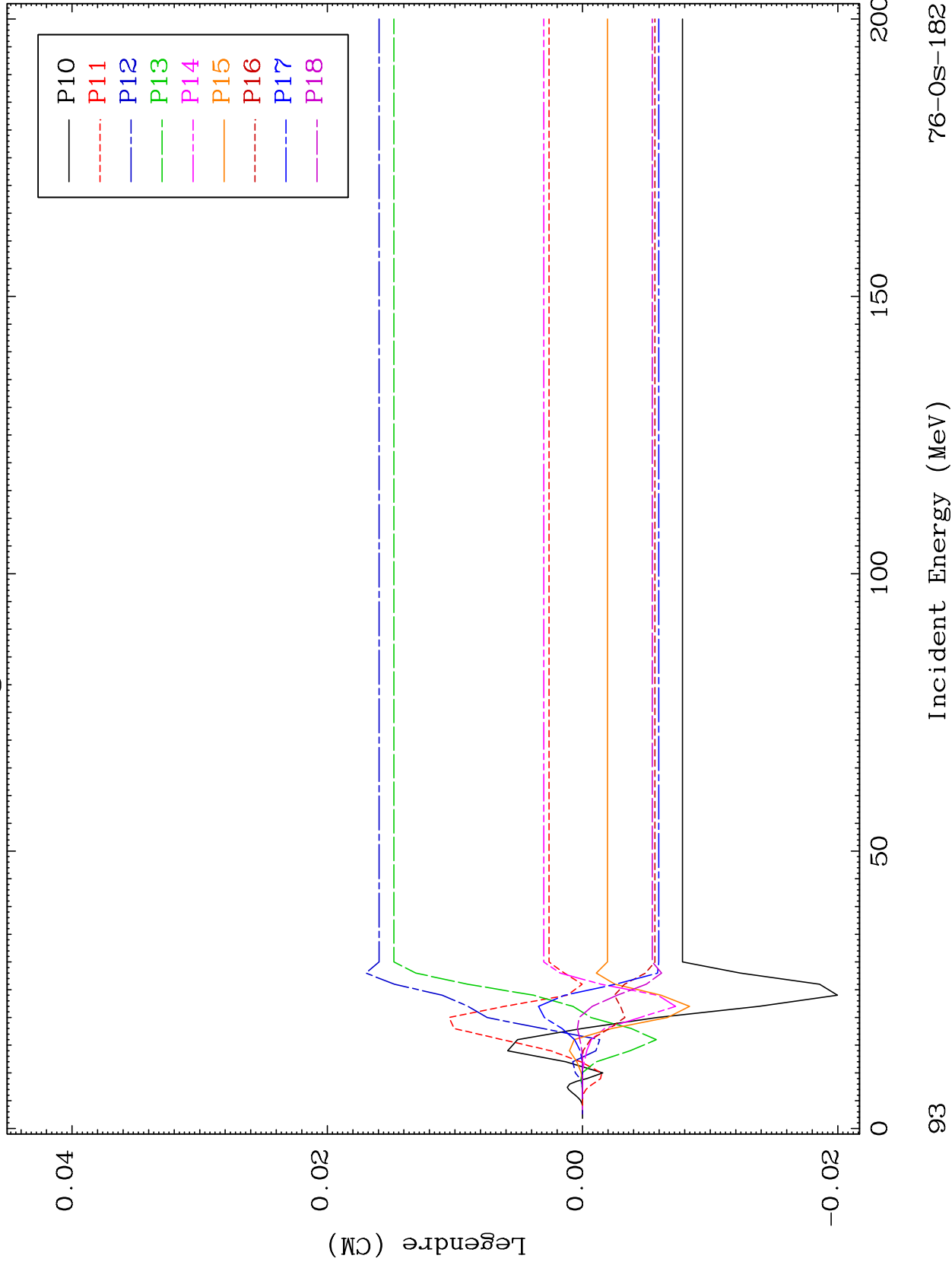




MAT 7619

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

76-Os-182



93

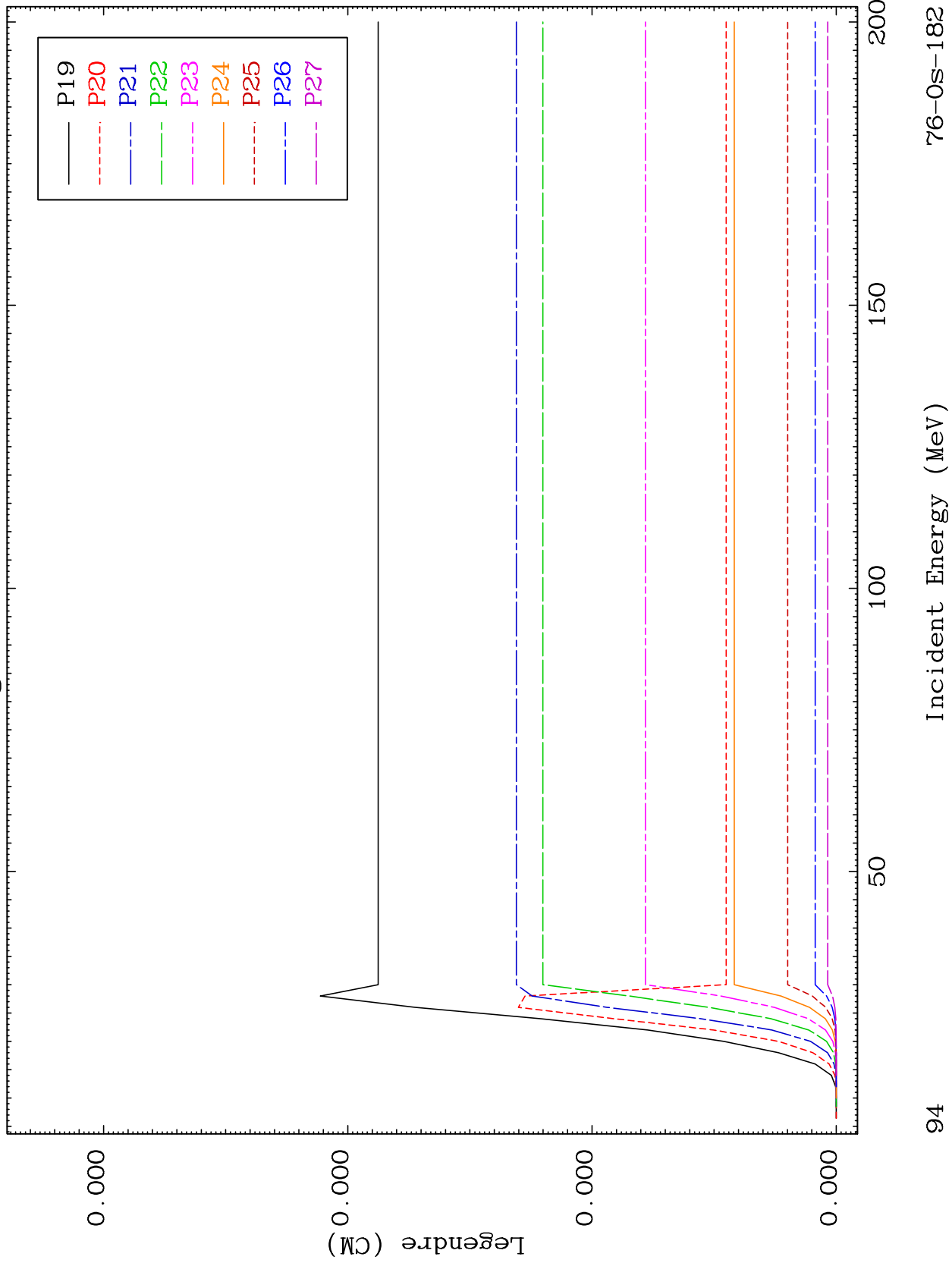
Incident Energy (MeV)

76-Os-182

MAT 7619

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

76-Os-182



94

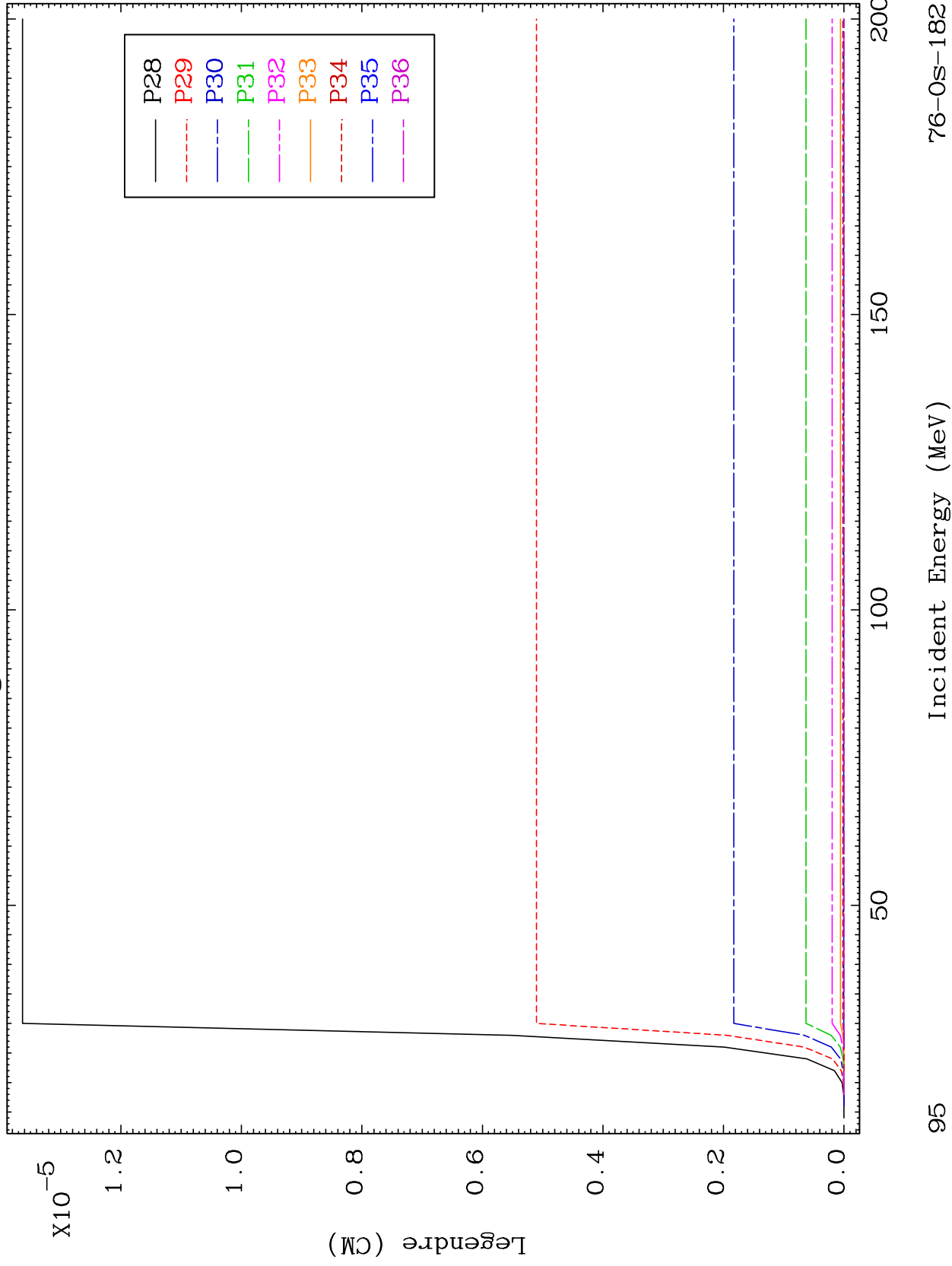
Incident Energy (MeV)

76-Os-182

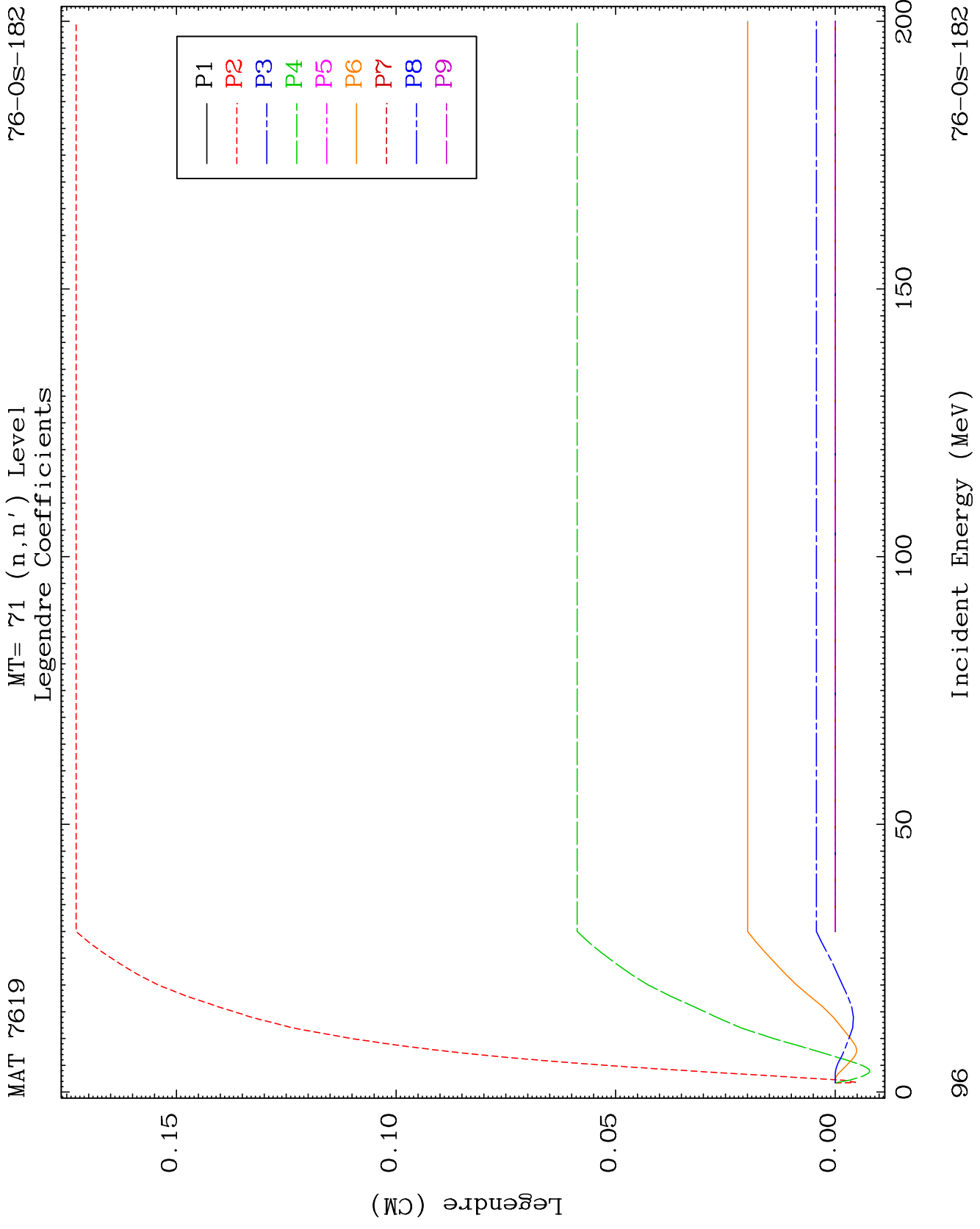
MAT 7619

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

76-Os-182



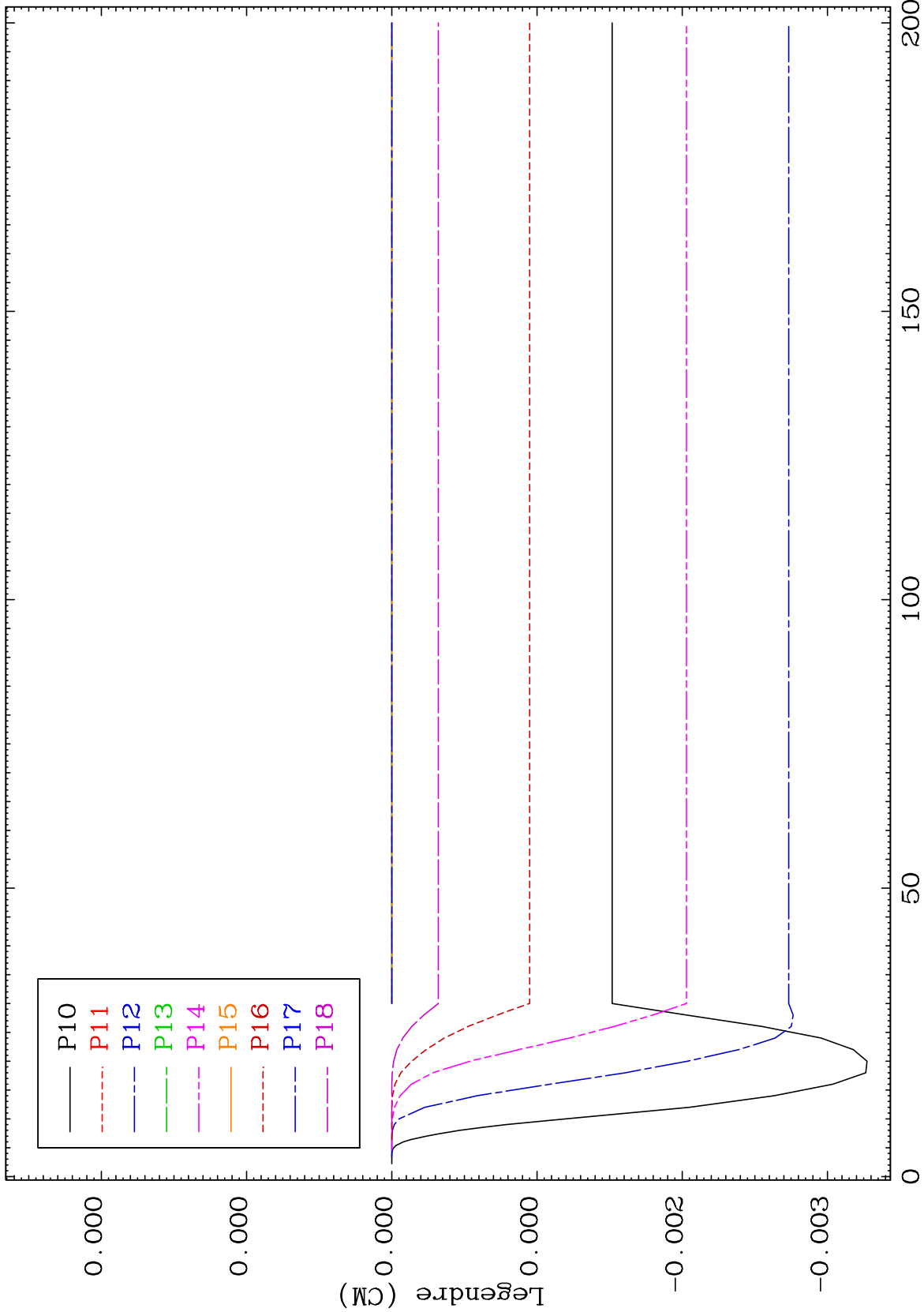




MAT 7619

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

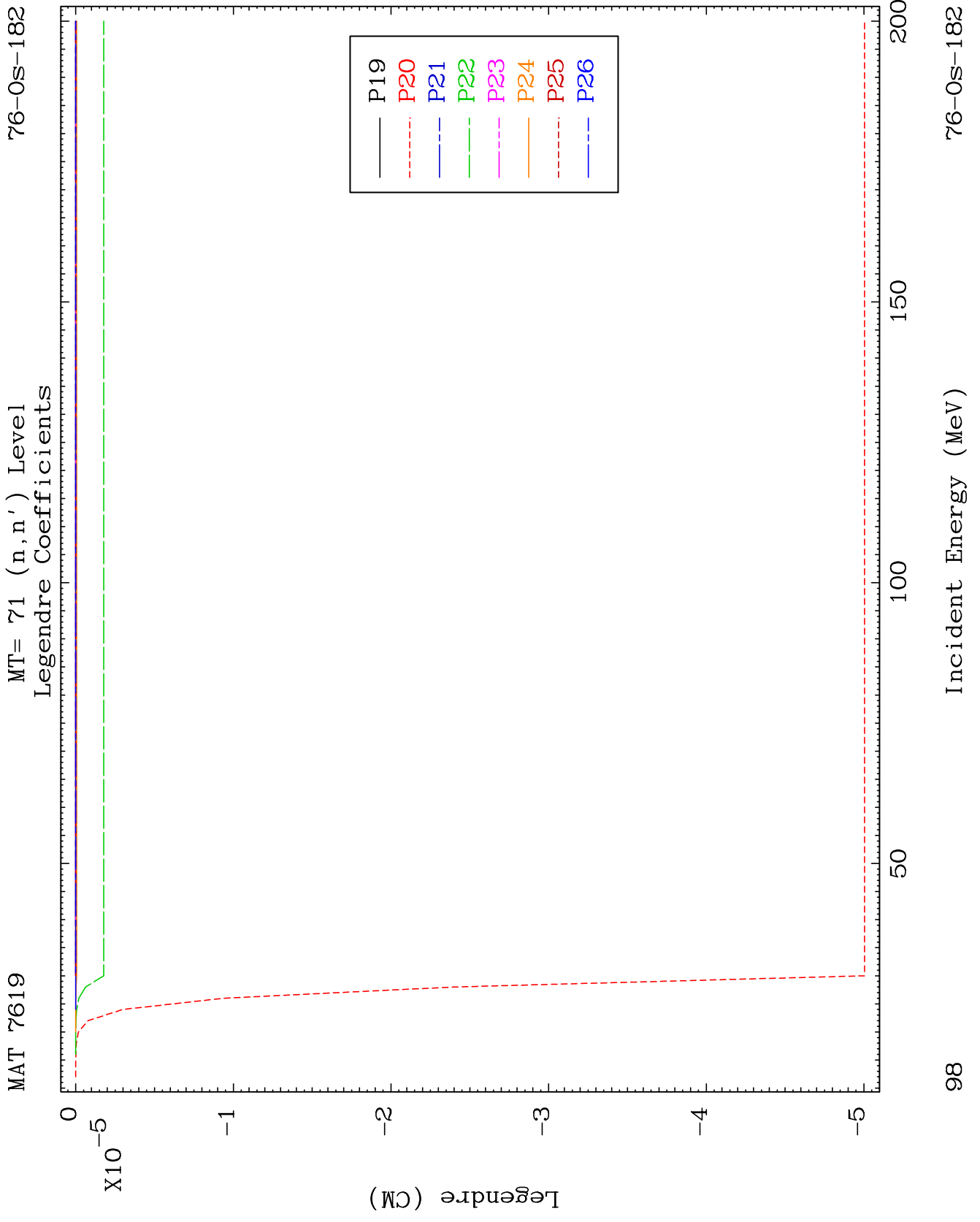
76-0s-182



97

Incident Energy (MeV)

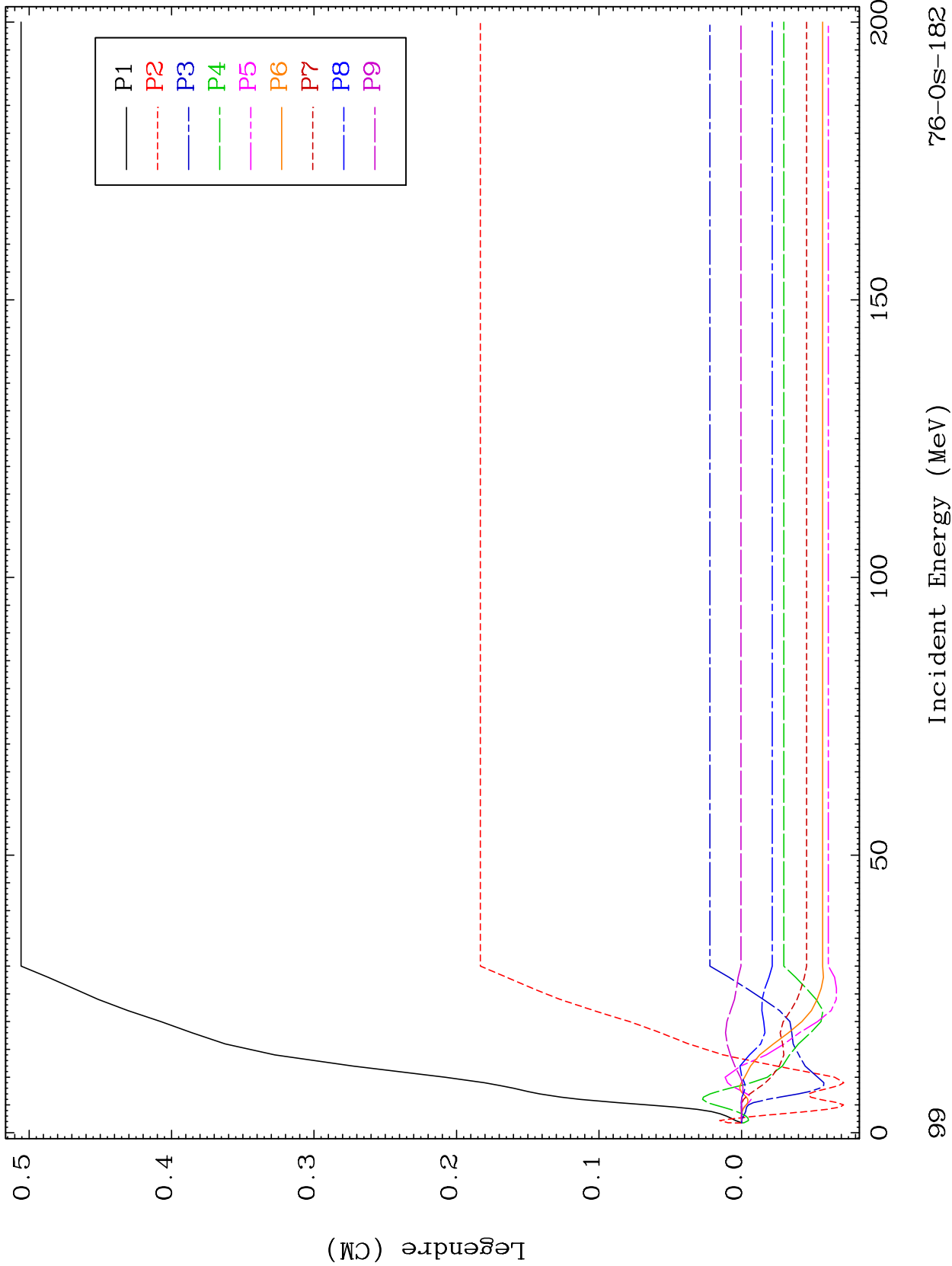
76-0s-182



MAT 7619

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

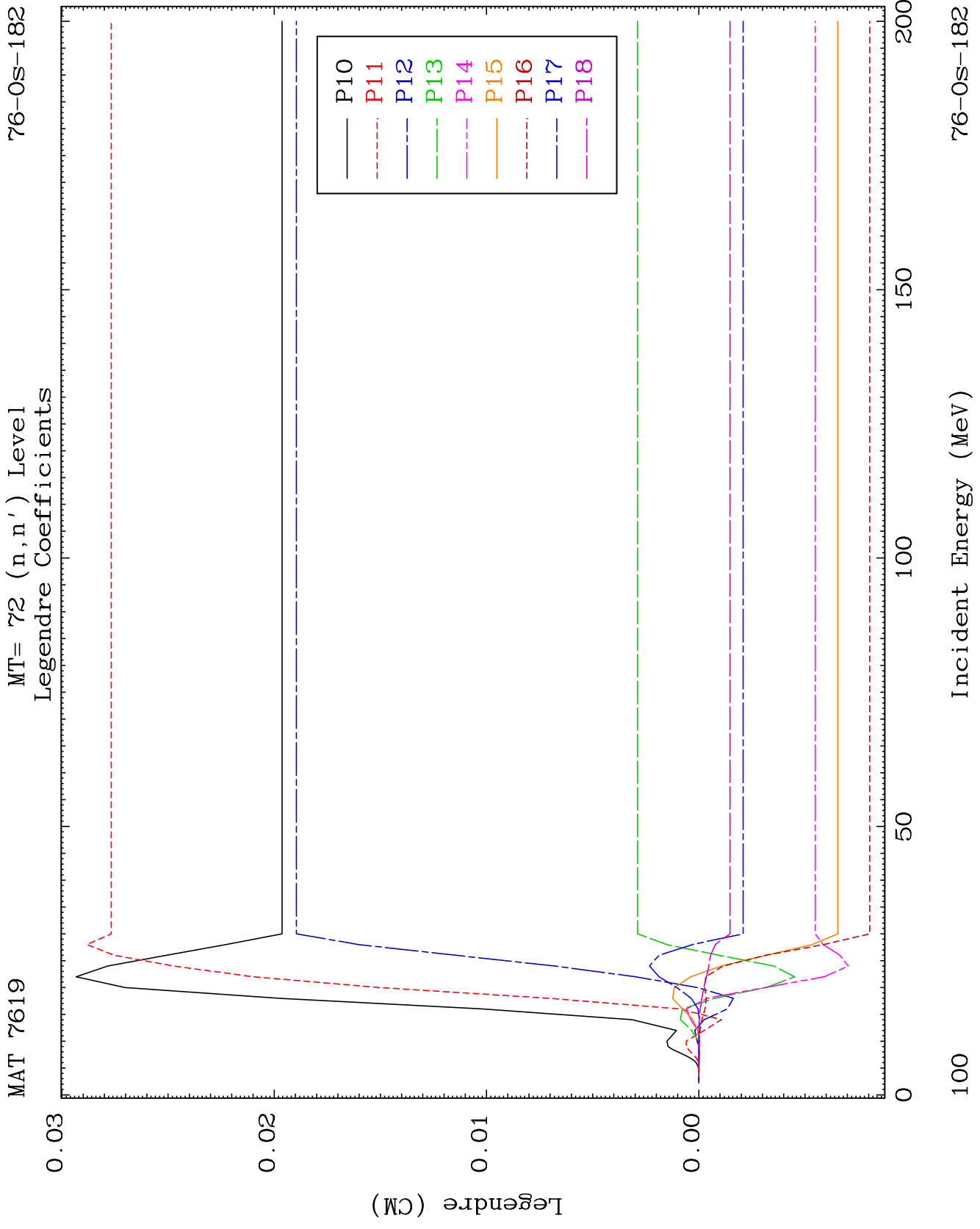
76-Os-182



99

Incident Energy (MeV)

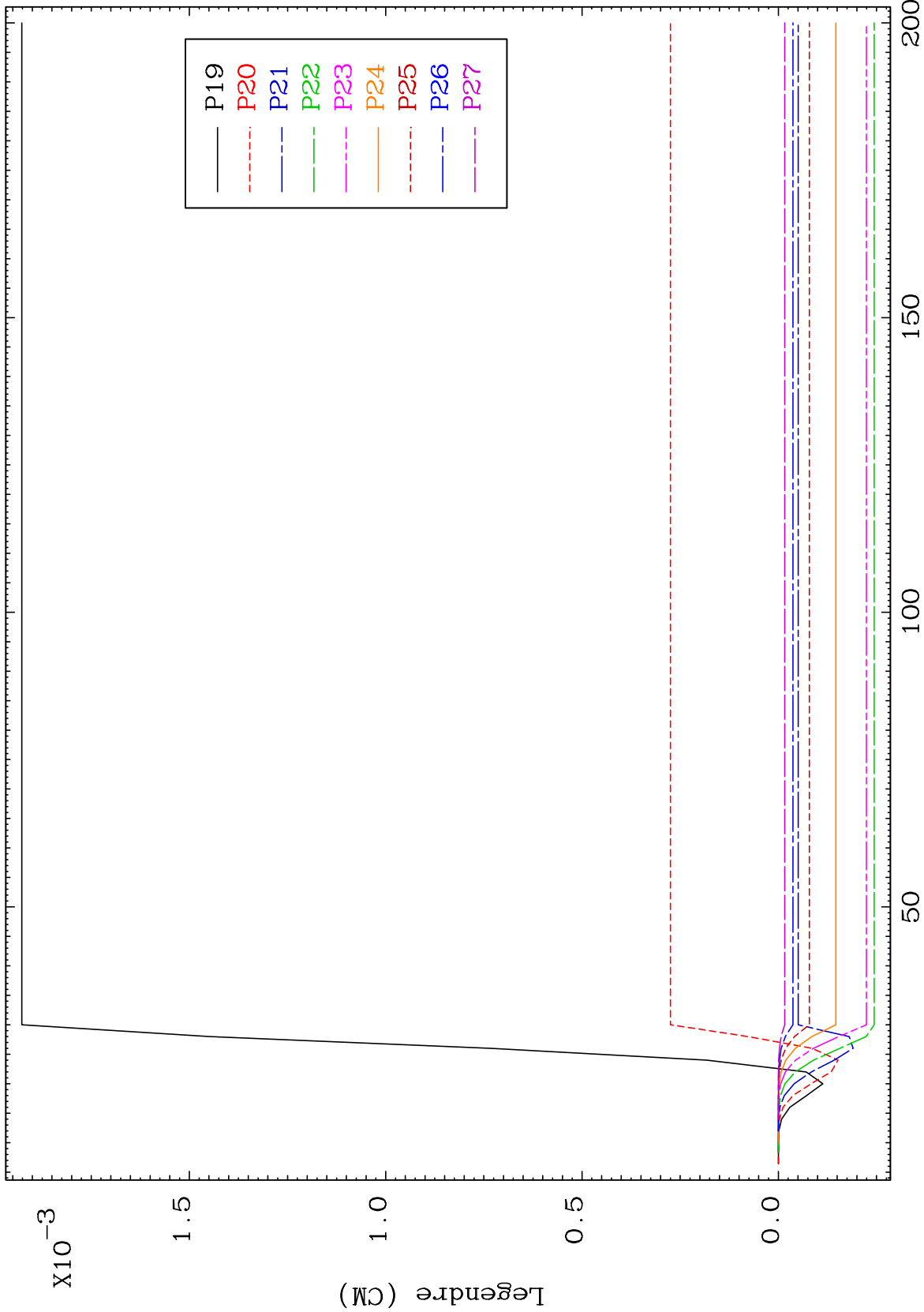
76-Os-182



MAT 7619

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

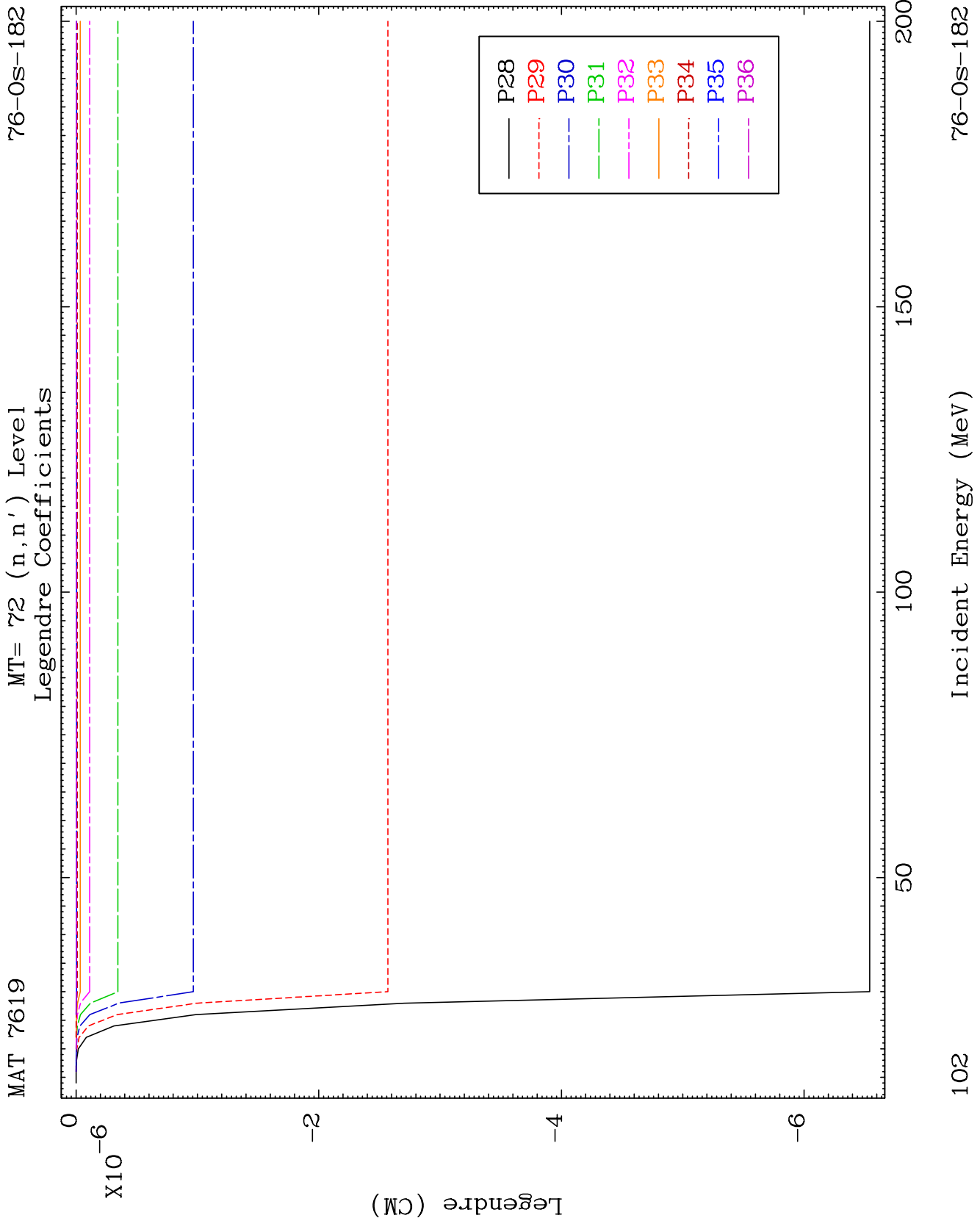
76-Os-182



101

Incident Energy (MeV)

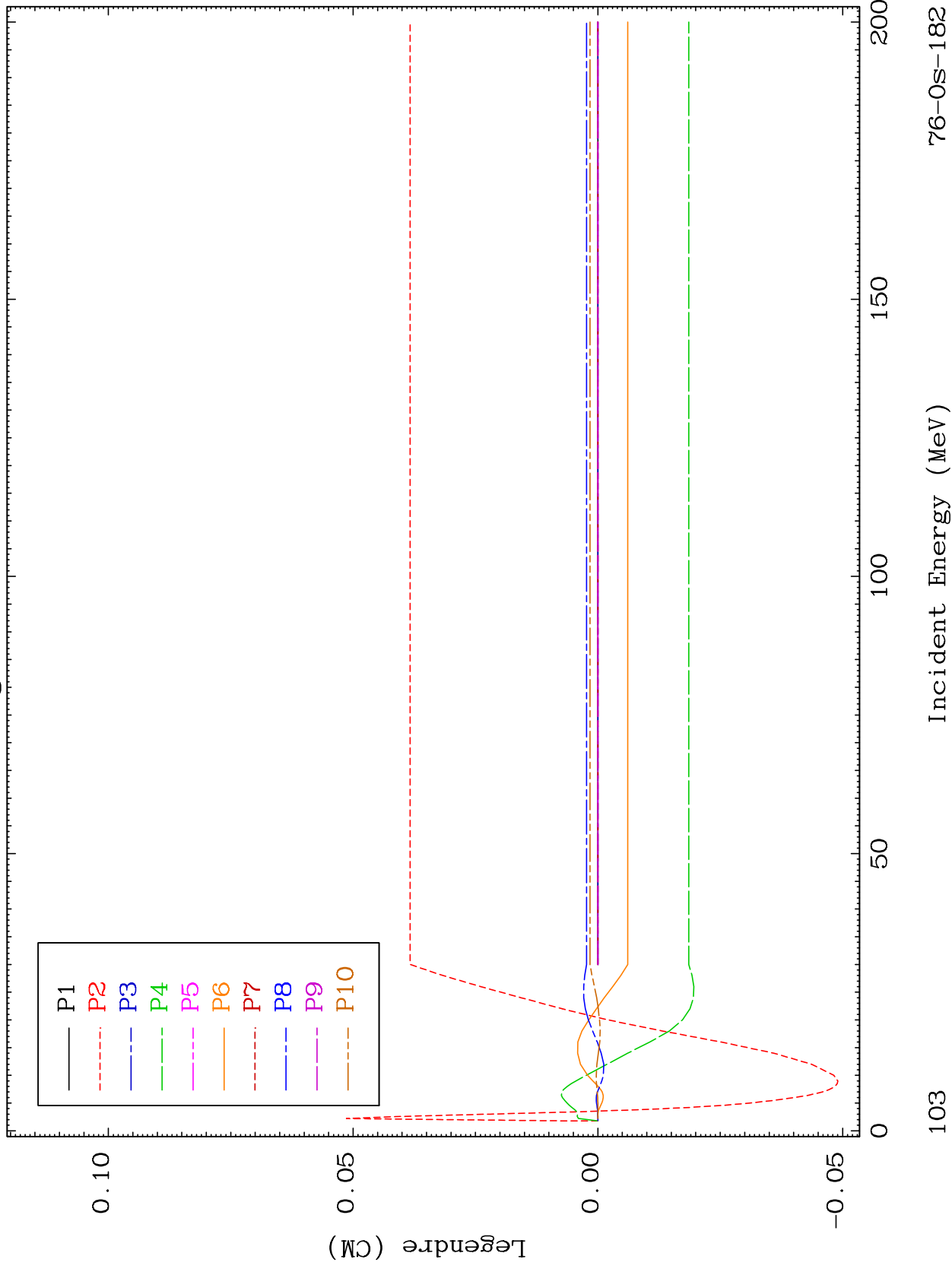
76-Os-182



MAT 7619

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

76-0s-182



76-0s-182

Incident Energy (MeV)

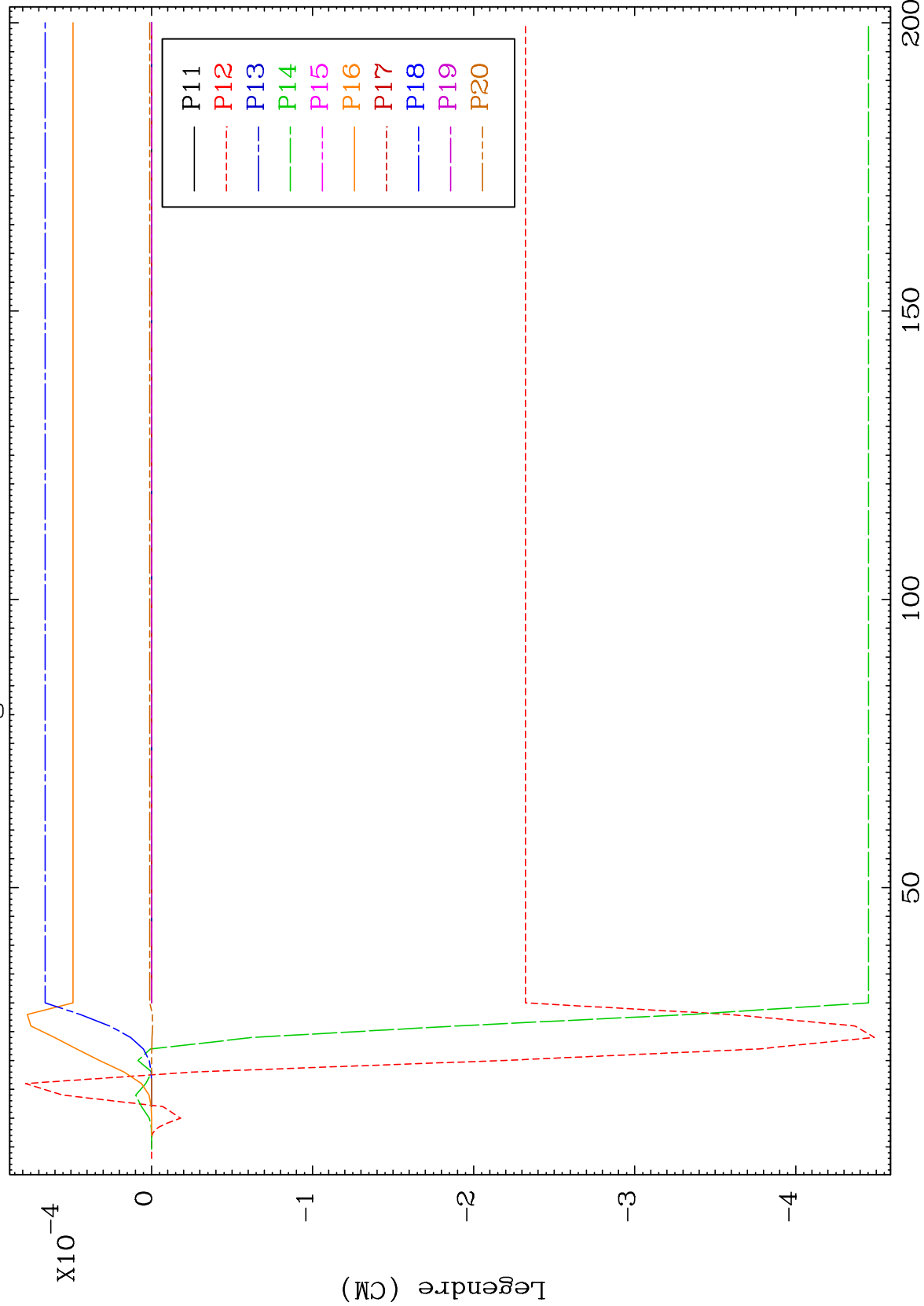
103



MAT 7619

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

76-Os-182

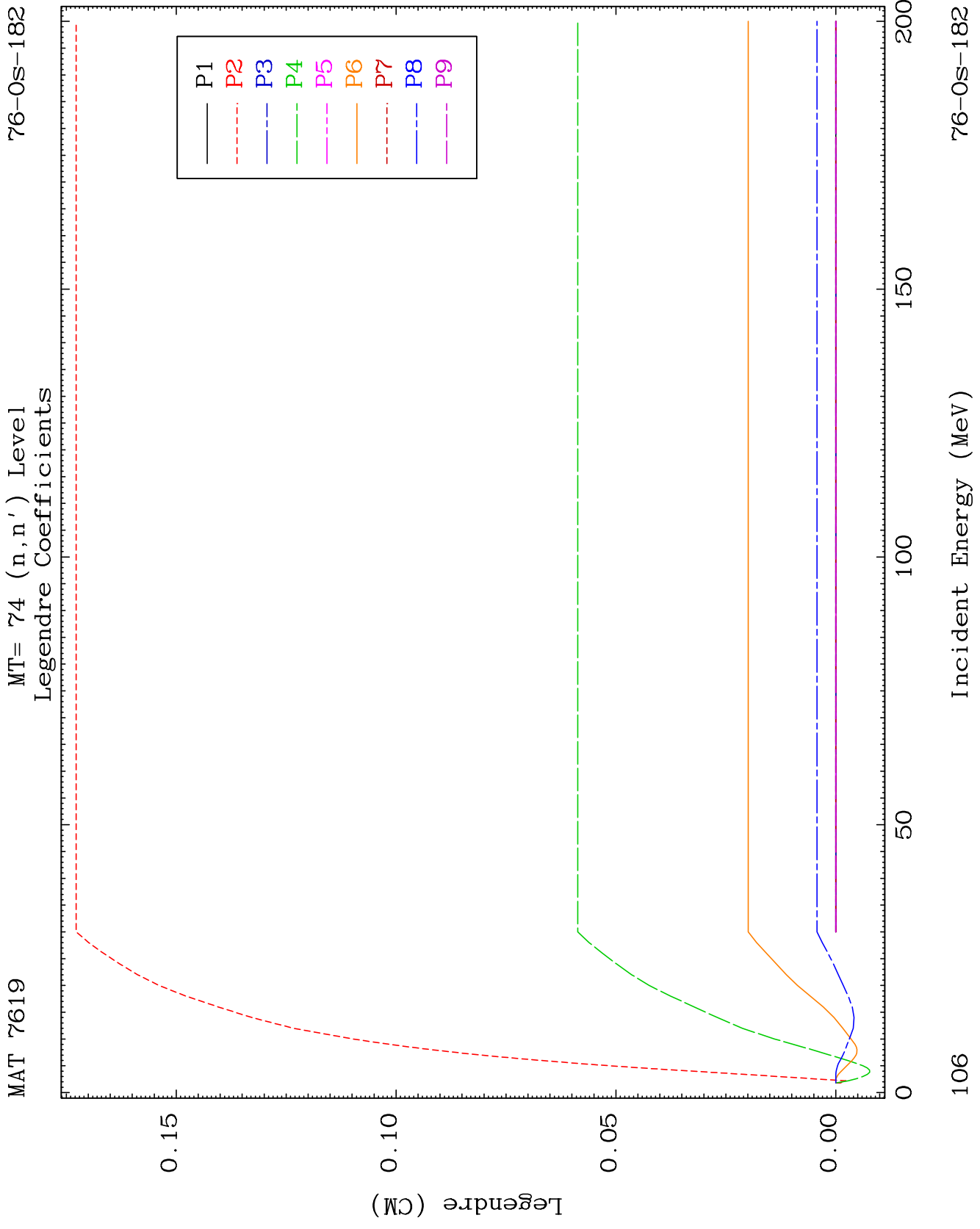


104

Incident Energy (MeV)

76-Os-182

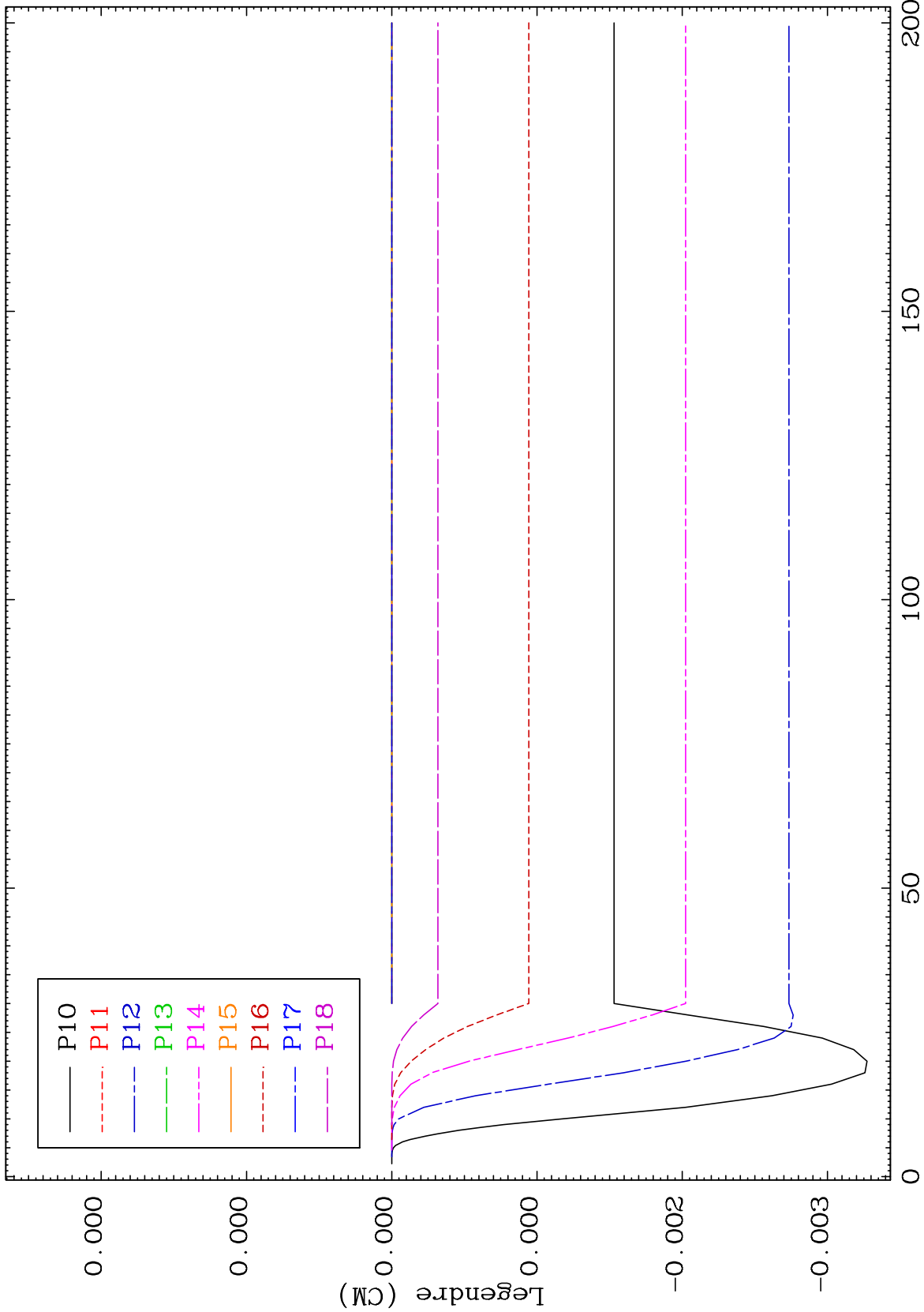




MAT 7619

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

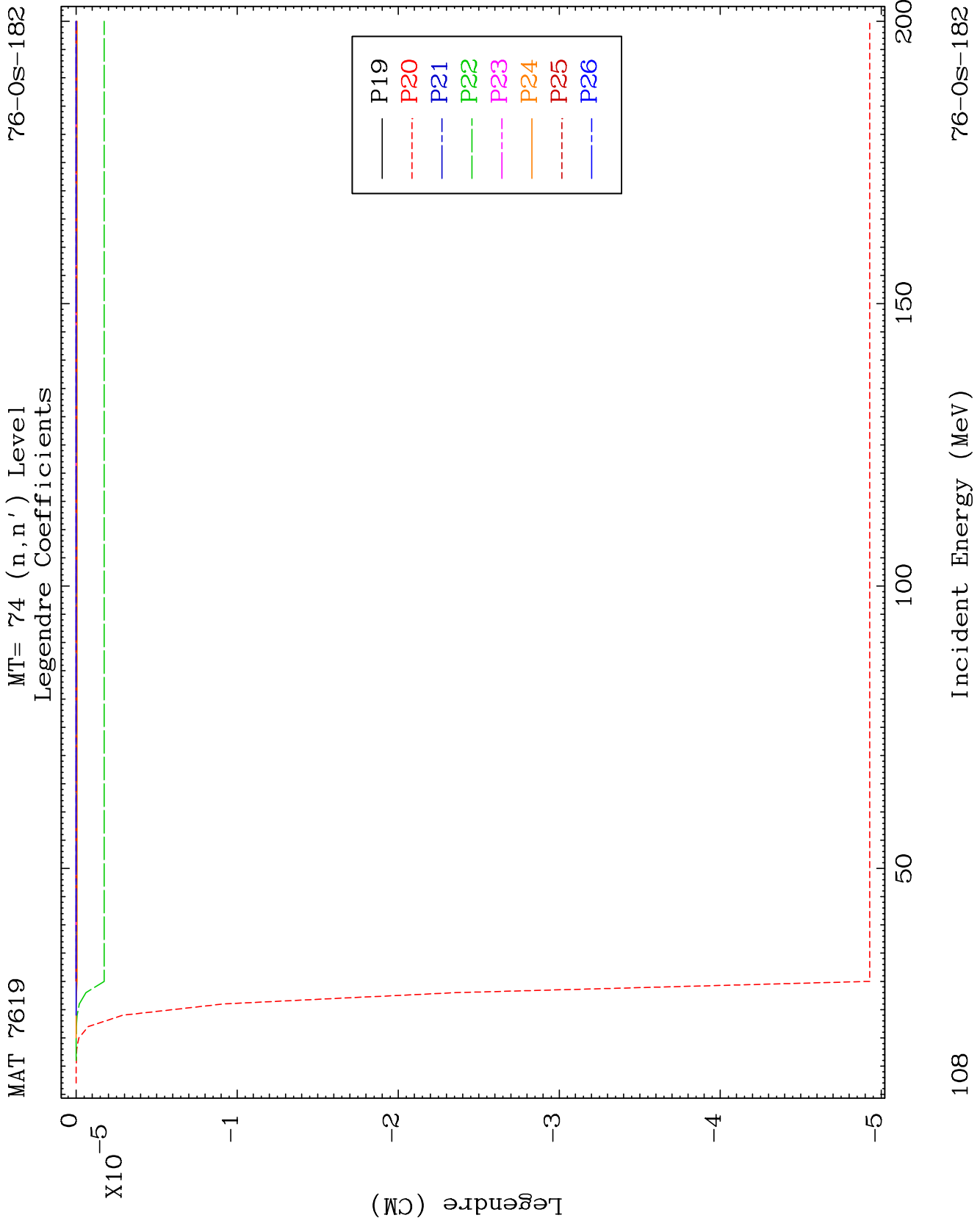
76-0s-182

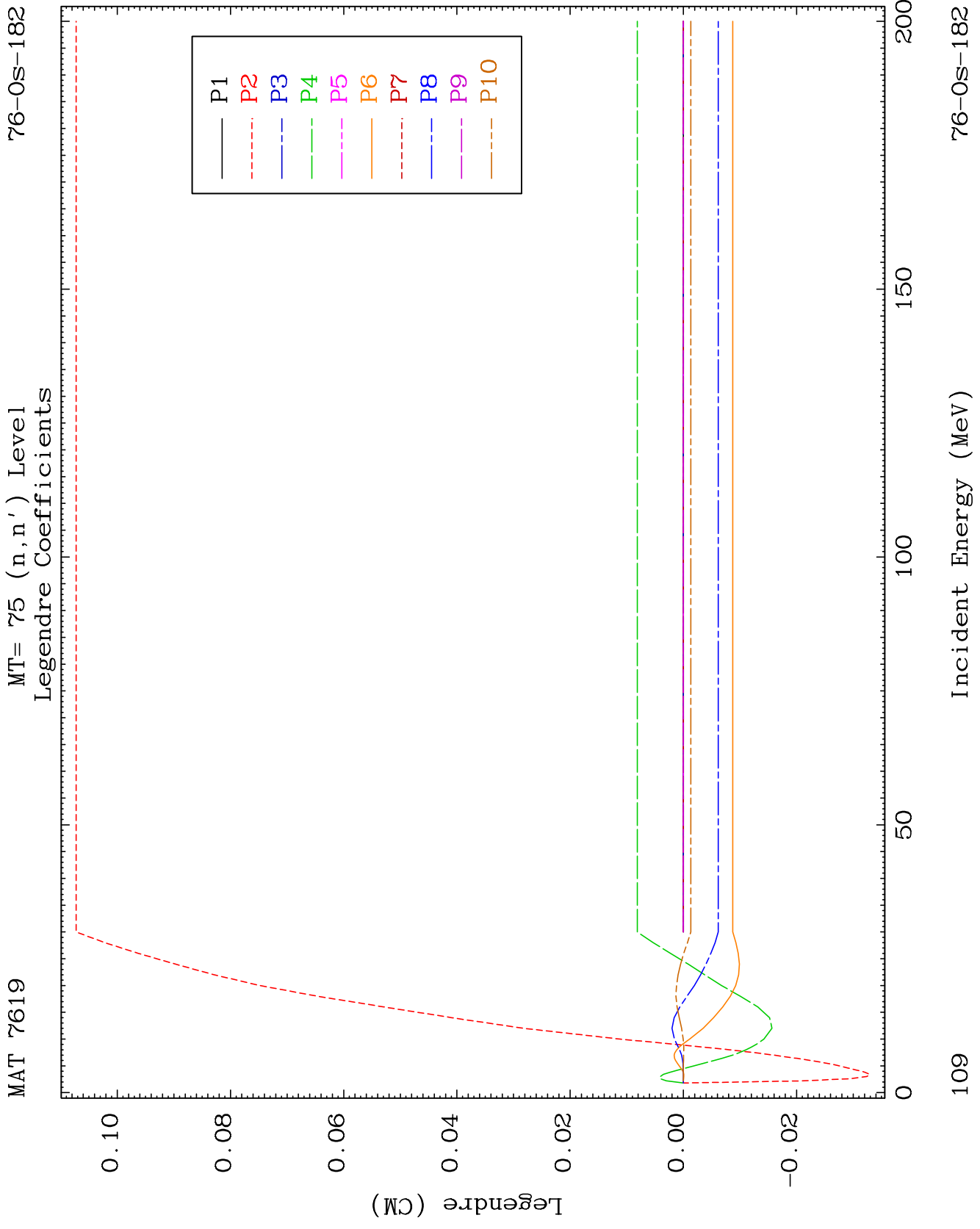


107

Incident Energy (MeV)

76-0s-182

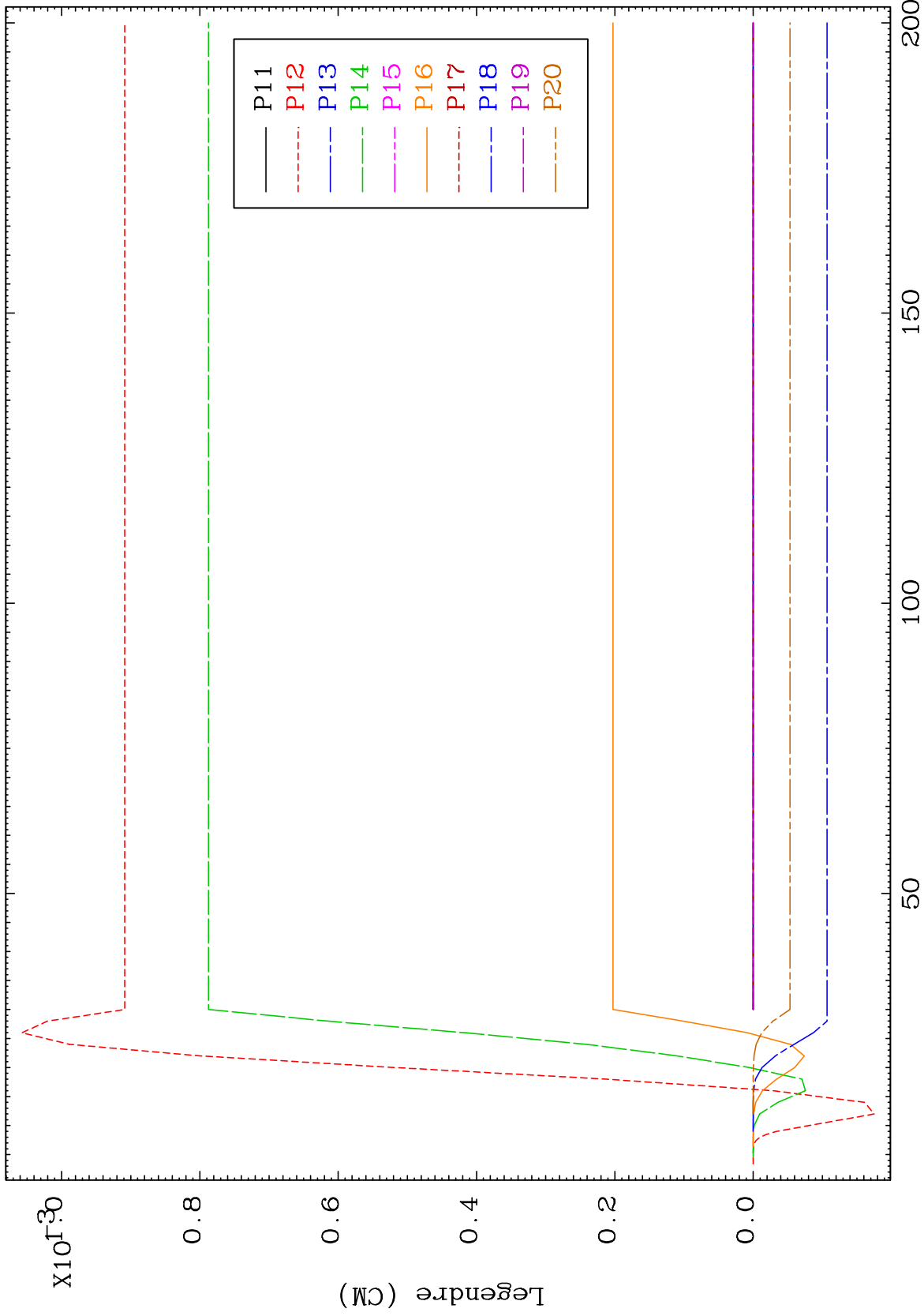




MAT 7619

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

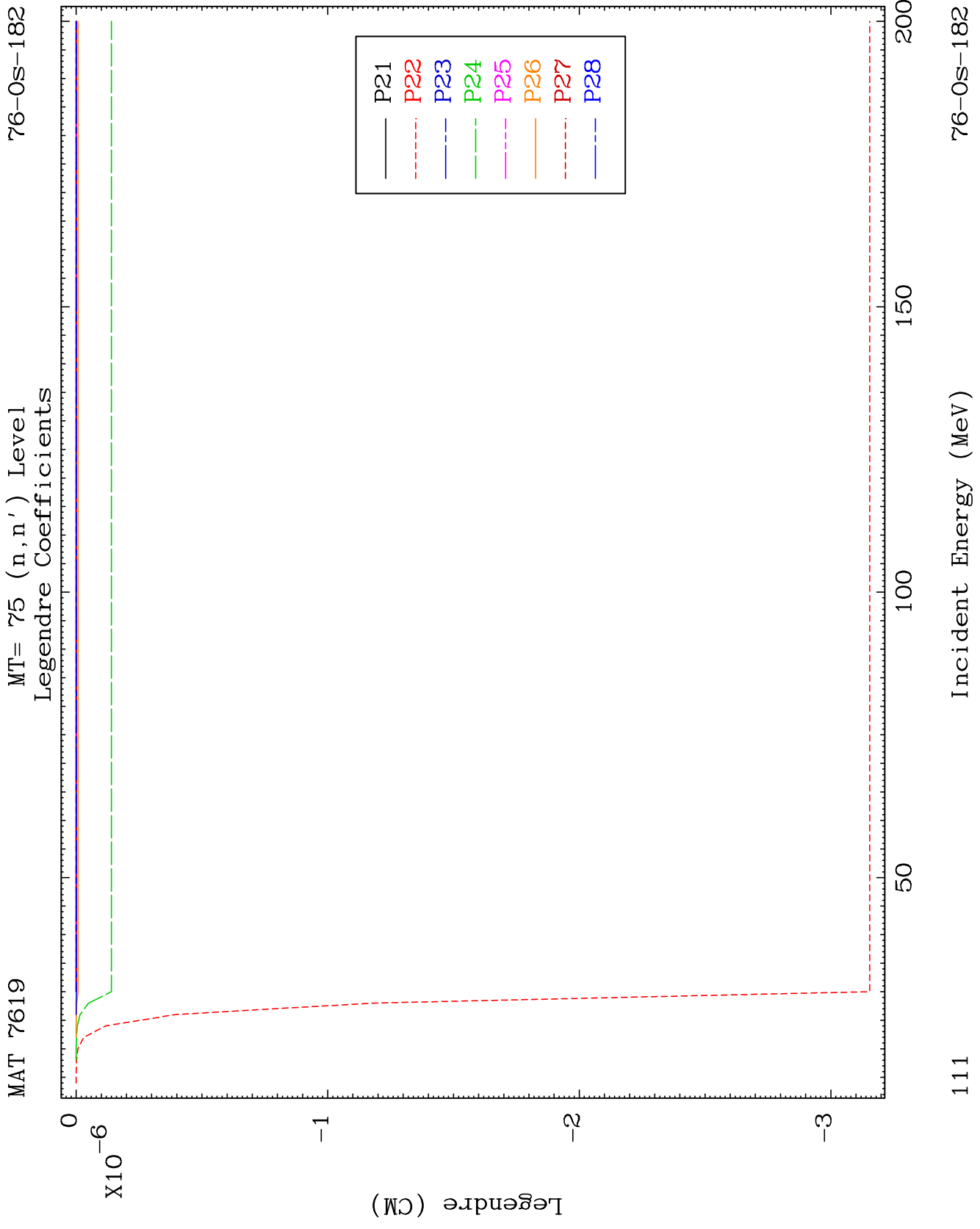
76-Os-182



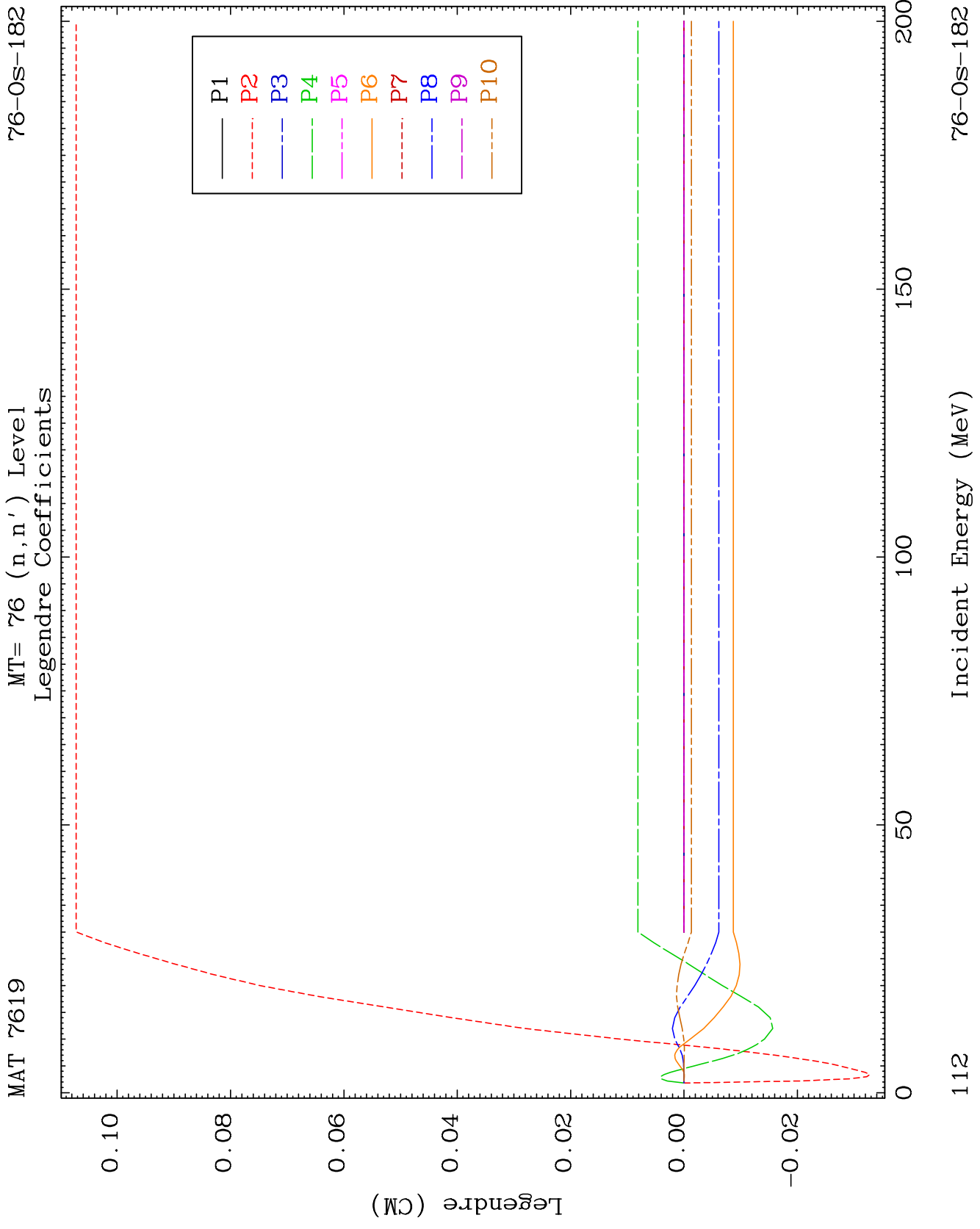
110

Incident Energy (MeV)

76-Os-182



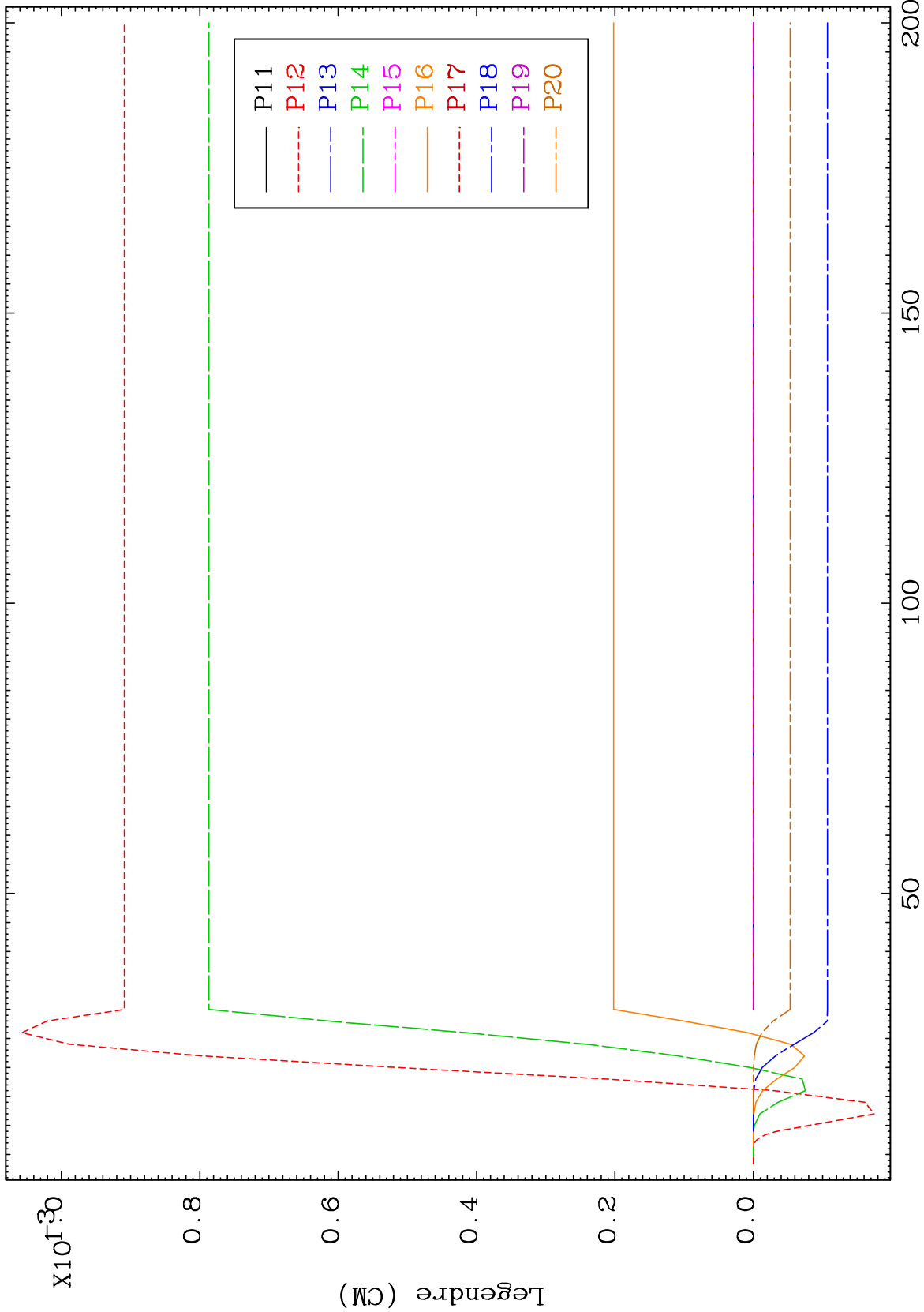




MAT 7619

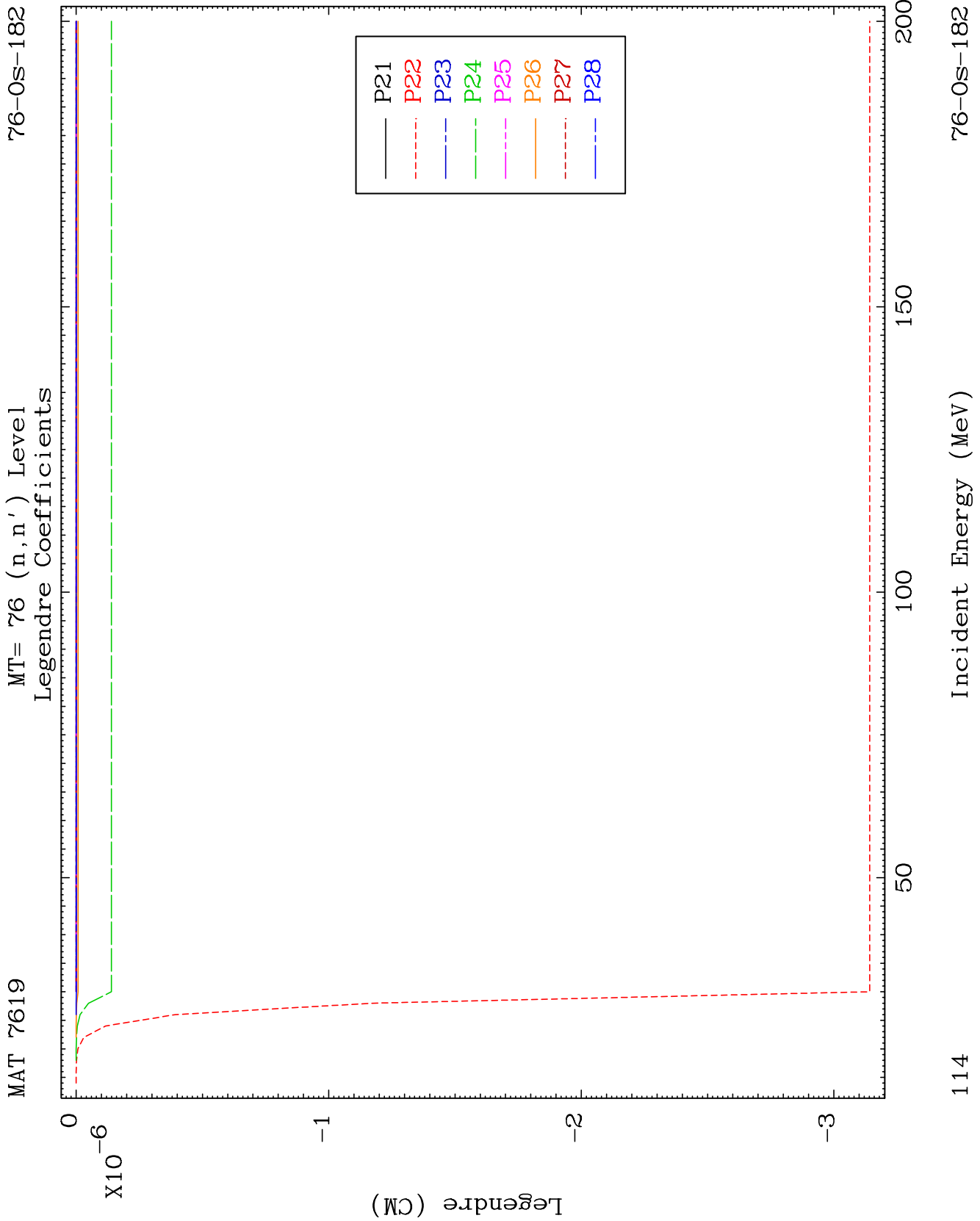
MT= 76 (n,n') Level  
Legendre Coefficients

76-Os-182



113

76-Os-182

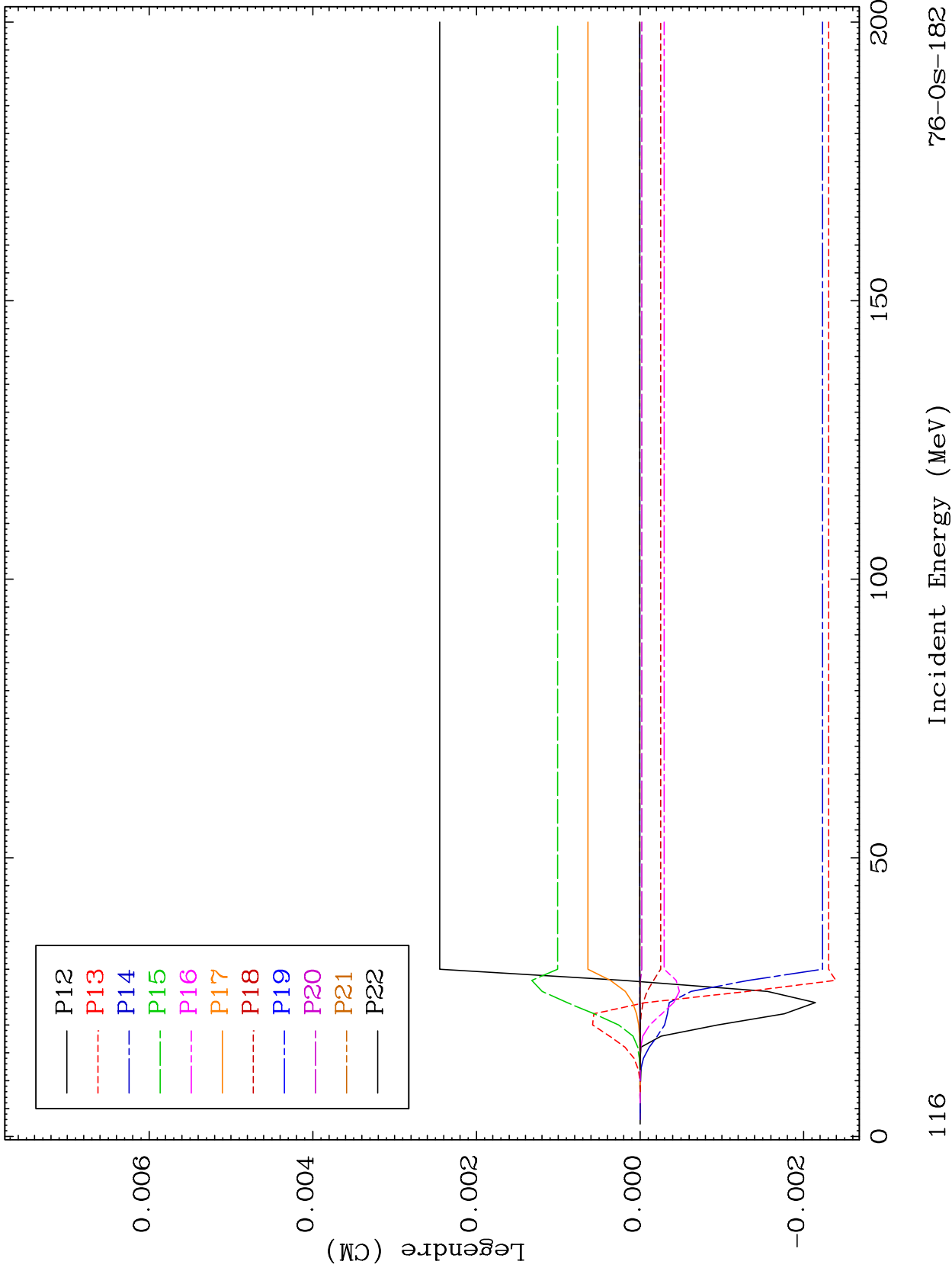




MAT 7619

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

76-Os-182



116

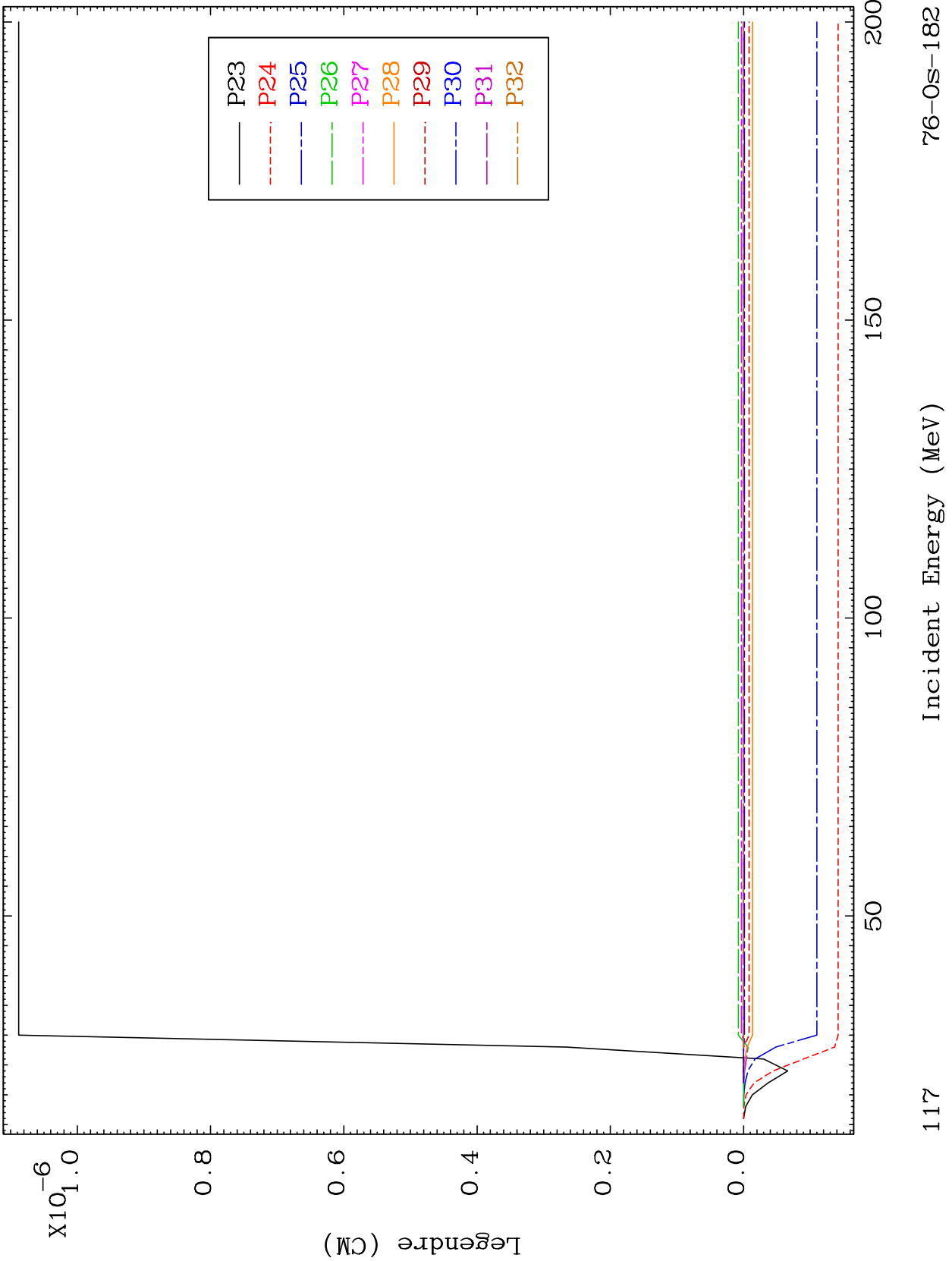
Incident Energy (MeV)

76-Os-182

MAT 7619

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

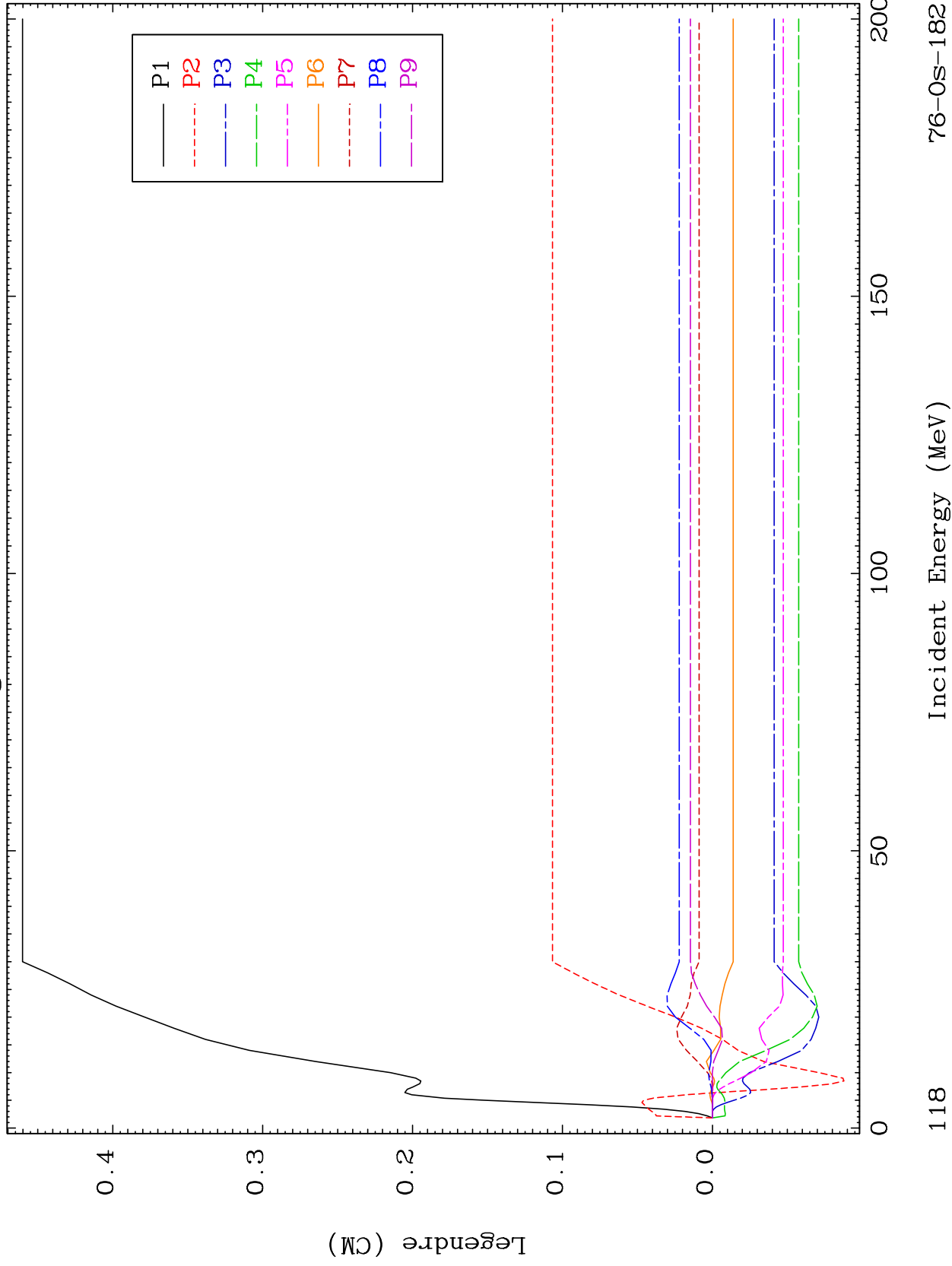
76-Os-182



MAT 7619

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

76-Os-182



76-Os-182

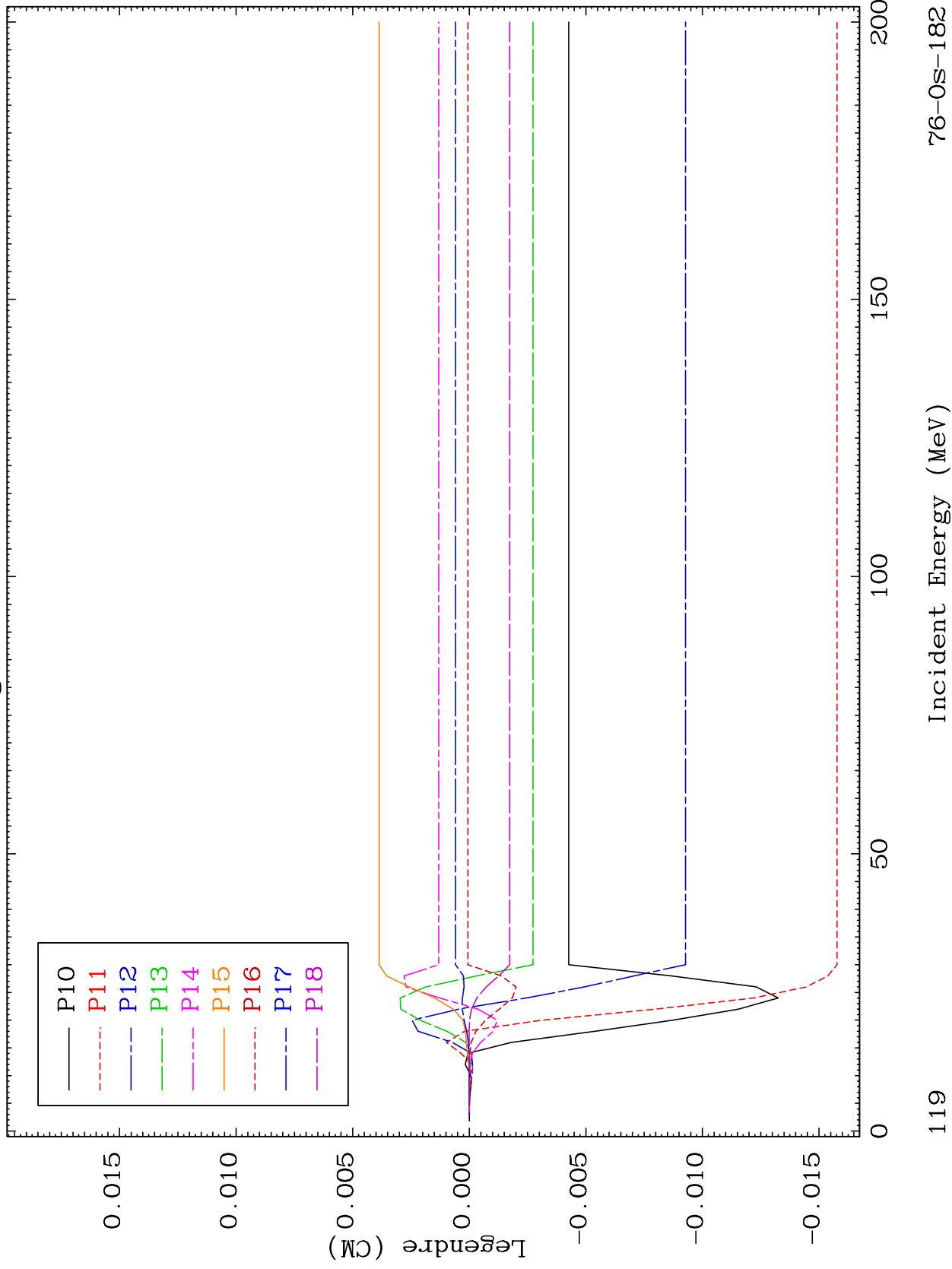
Incident Energy (MeV)

118

MAT 7619

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

76-0s-182



119

Incident Energy (MeV)

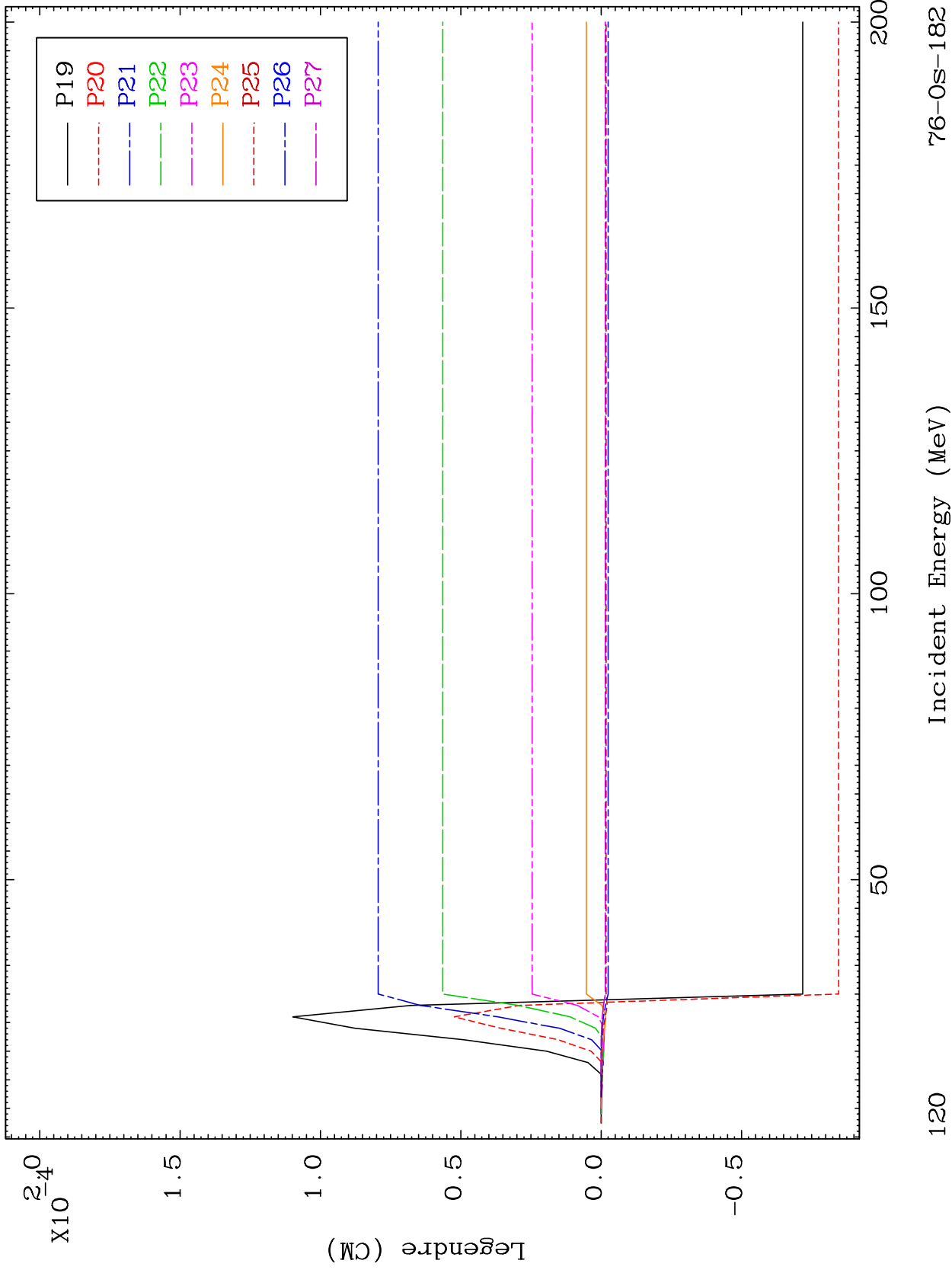
76-0s-182



MAT 7619

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

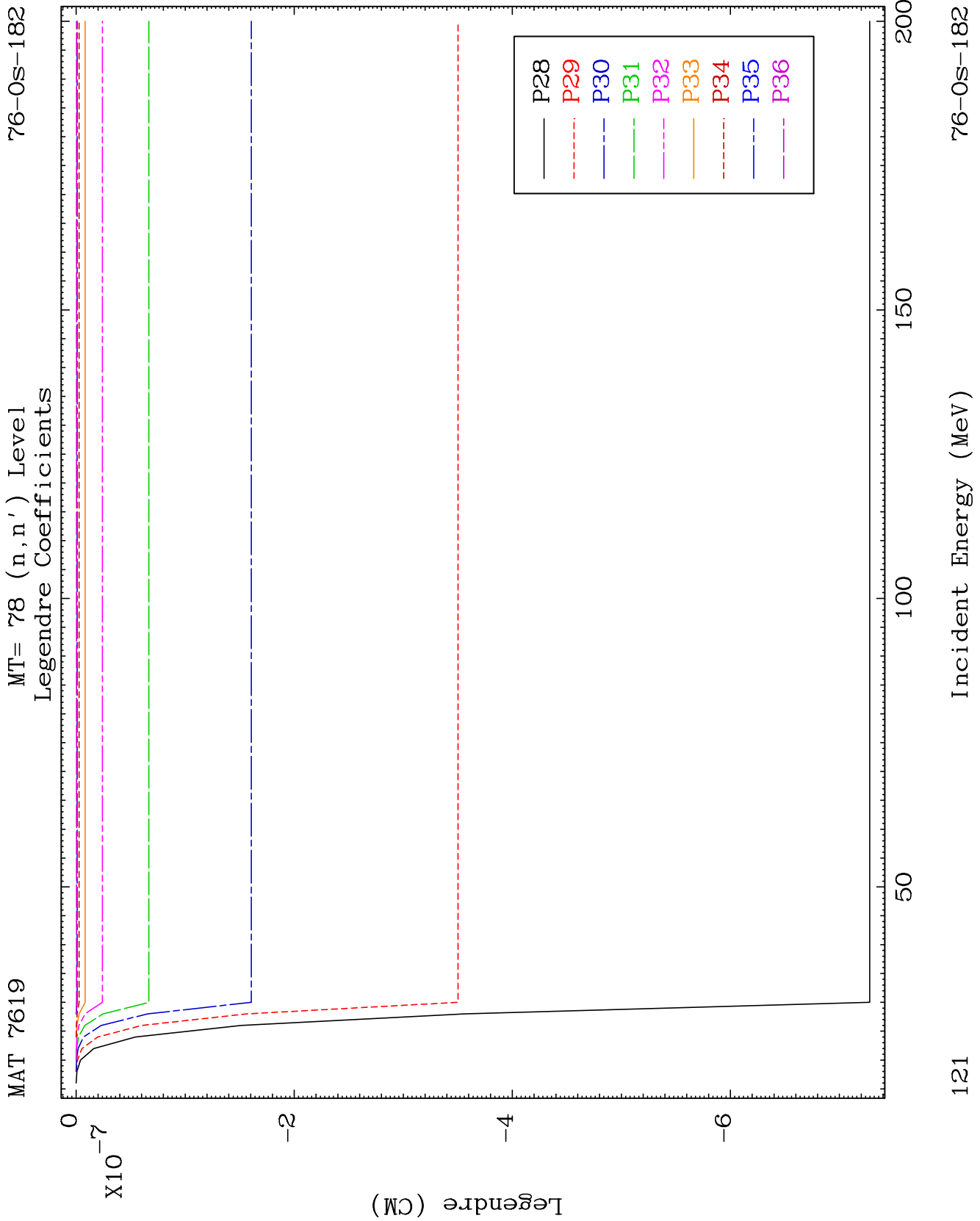
76-Os-182



120

Incident Energy (MeV)

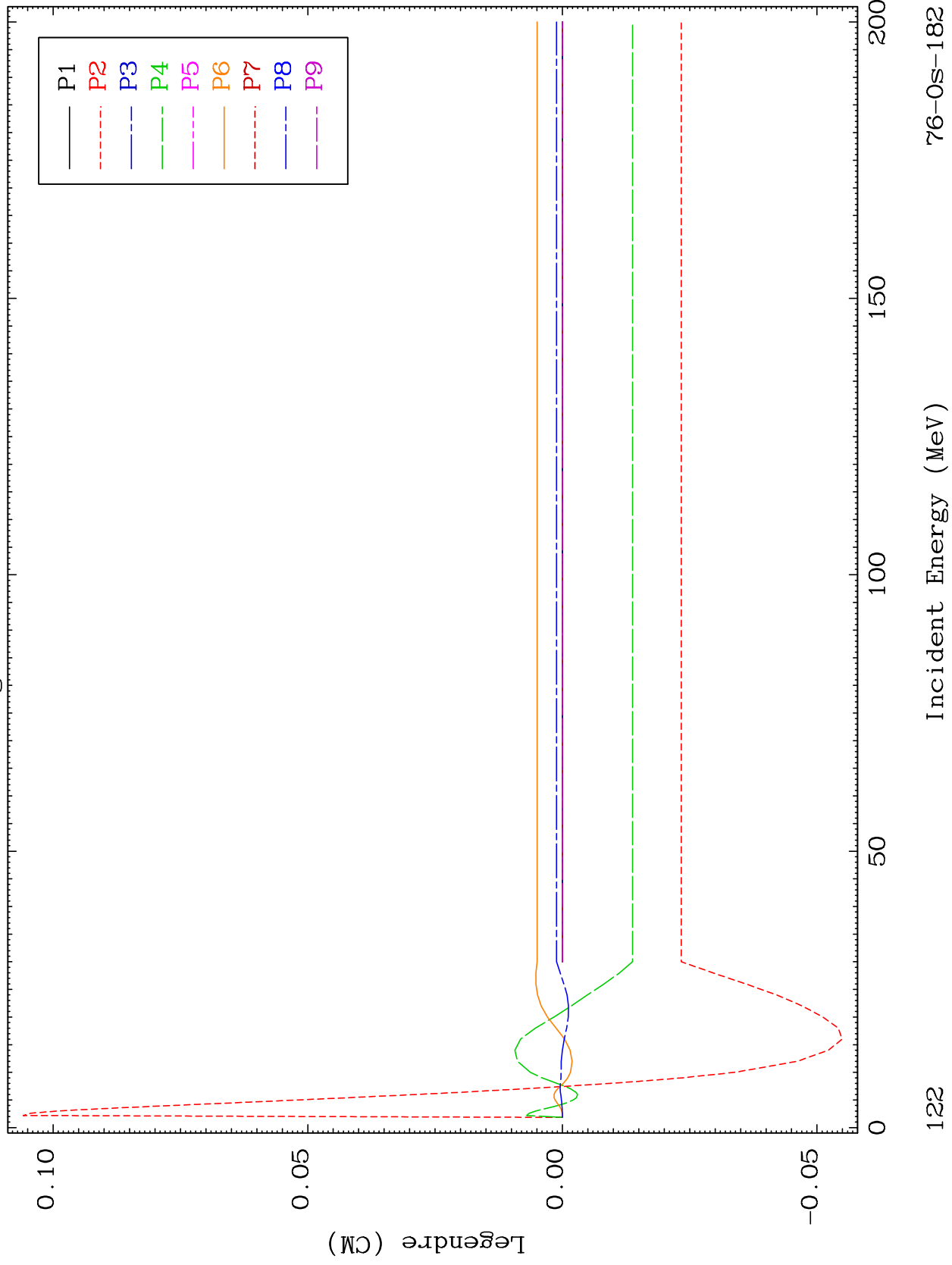
76-Os-182



MAT 7619

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

76-Os-182



76-Os-182

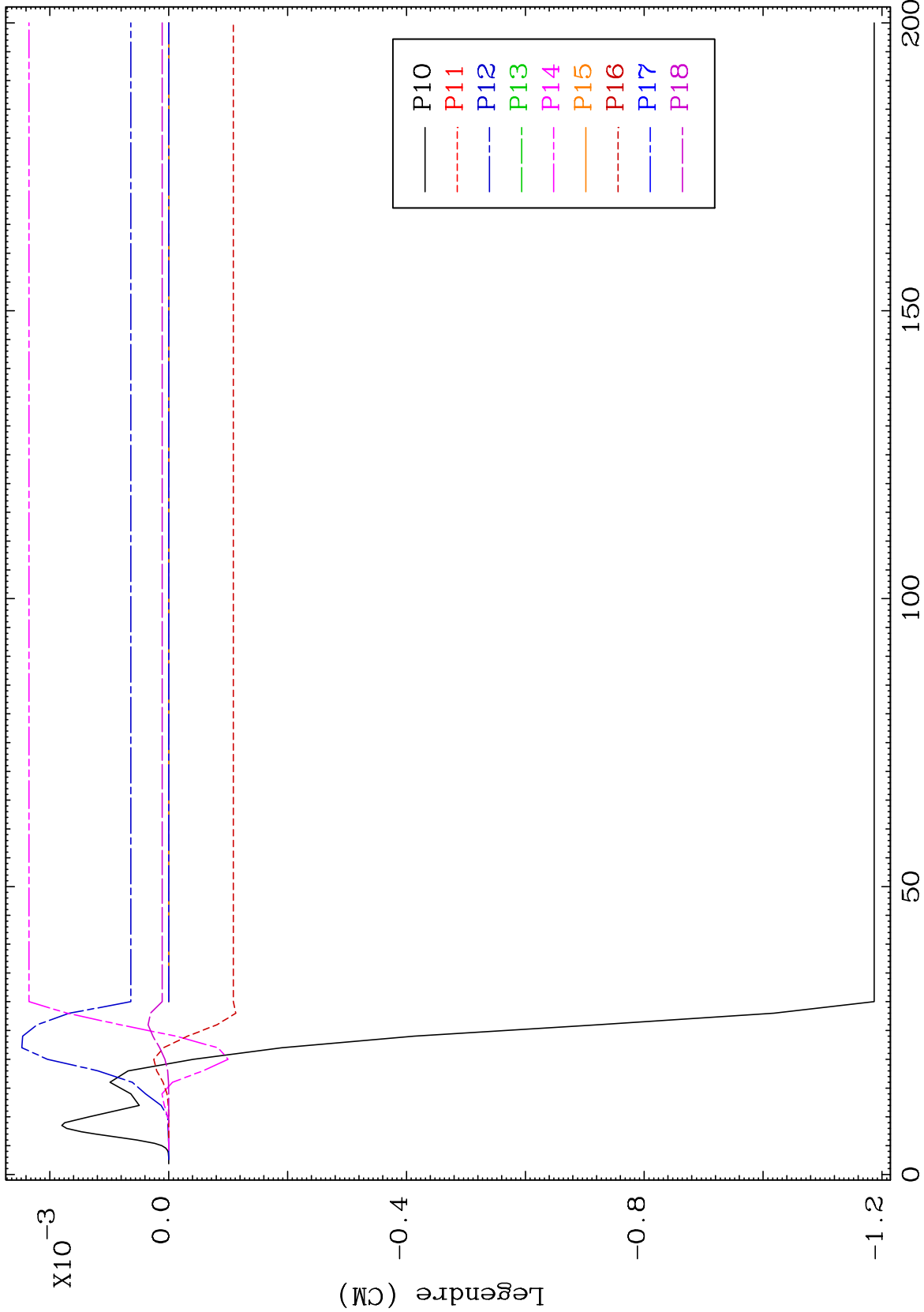
Incident Energy (MeV)

122

MAT 7619

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

76-Os-182

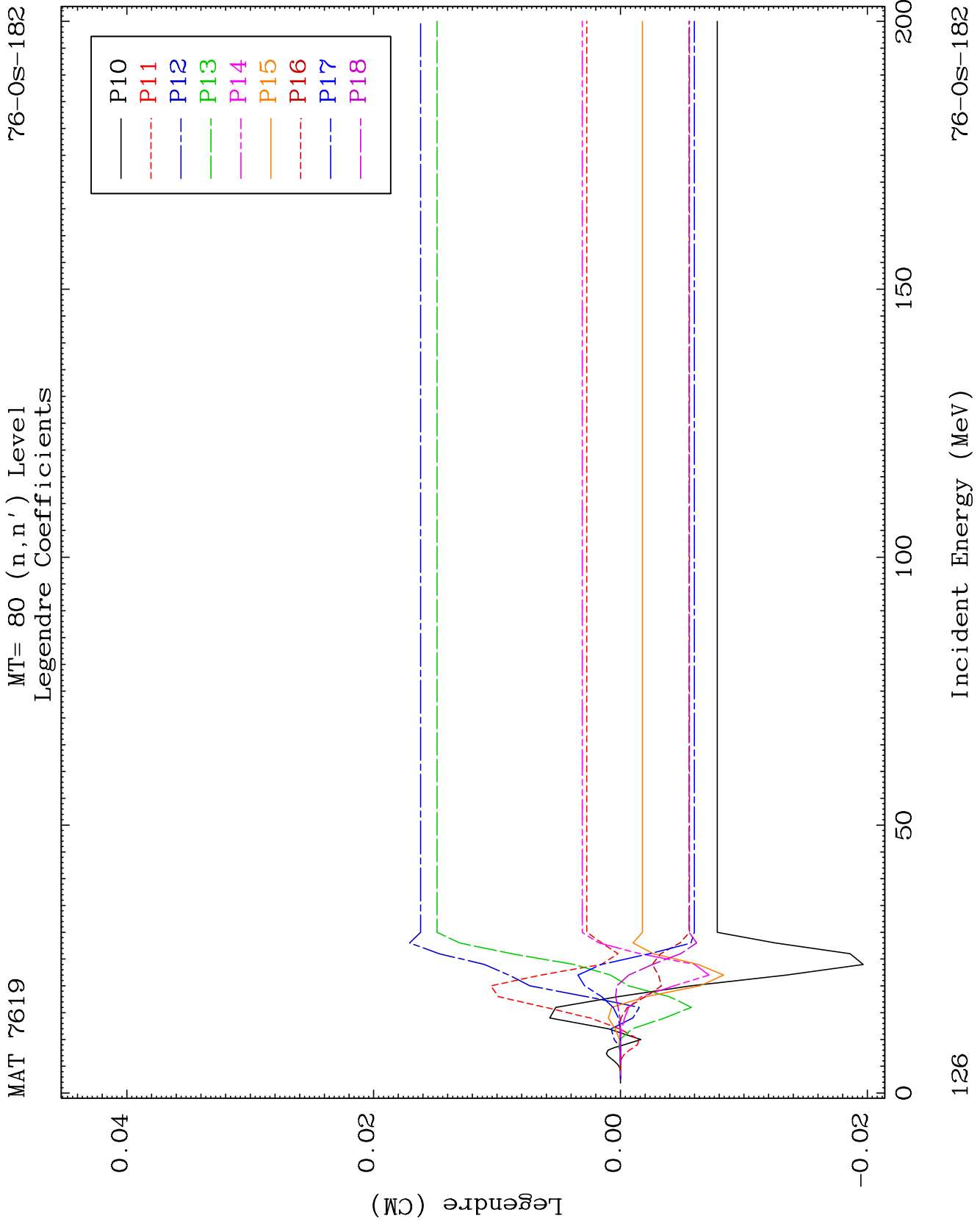


123

76-Os-182



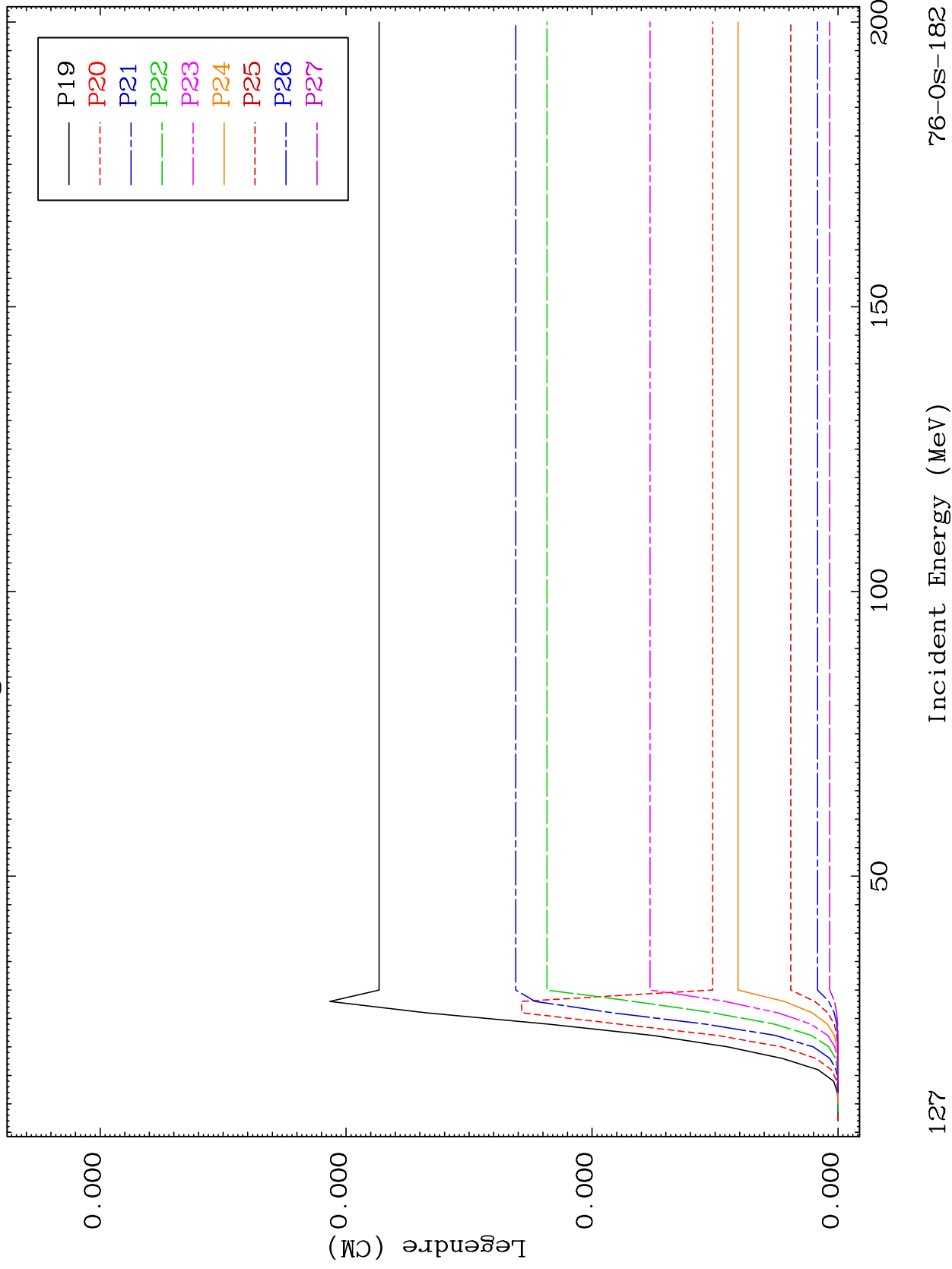




MAT 7619

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

76-Os-182

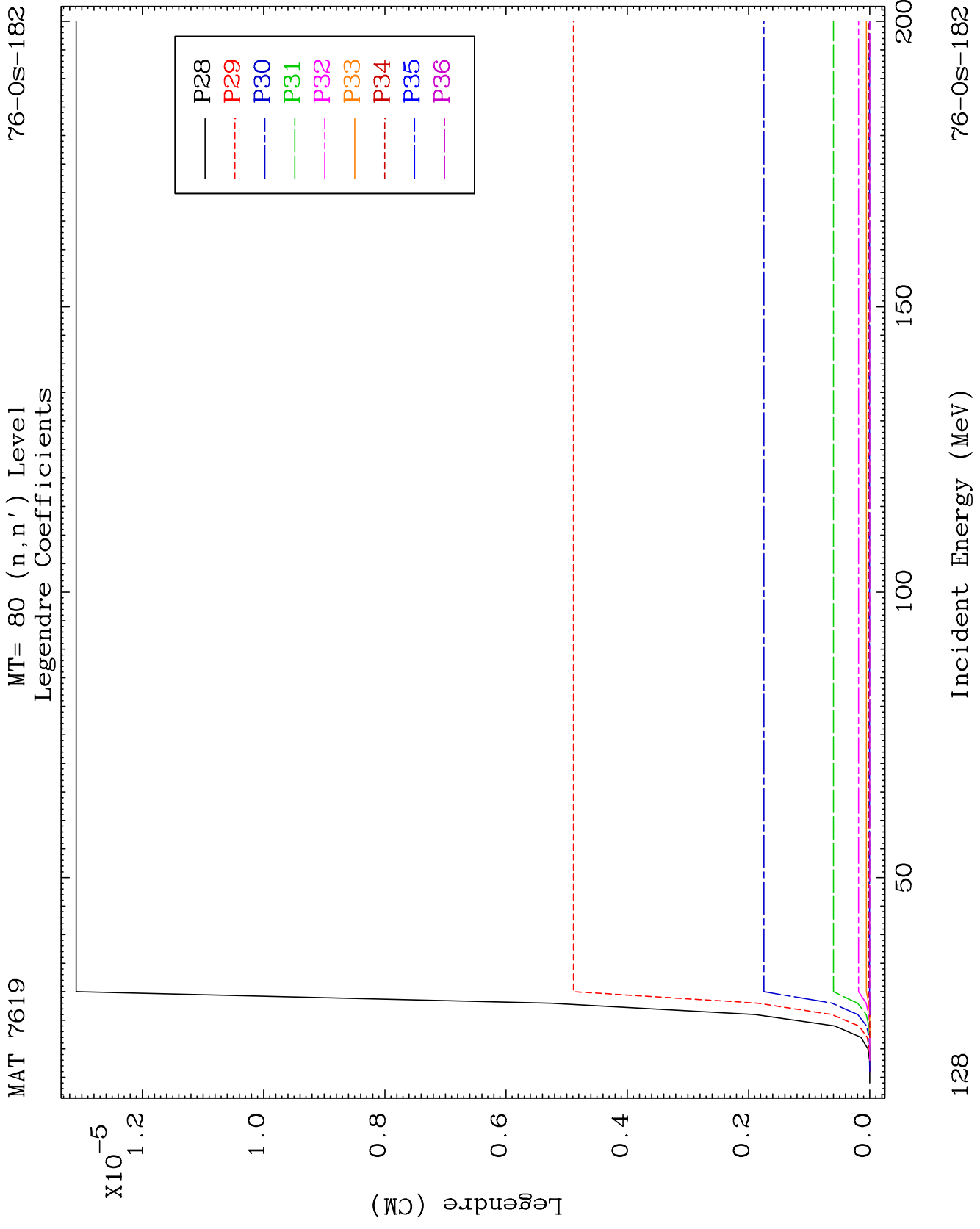


127

Incident Energy (MeV)

76-Os-182

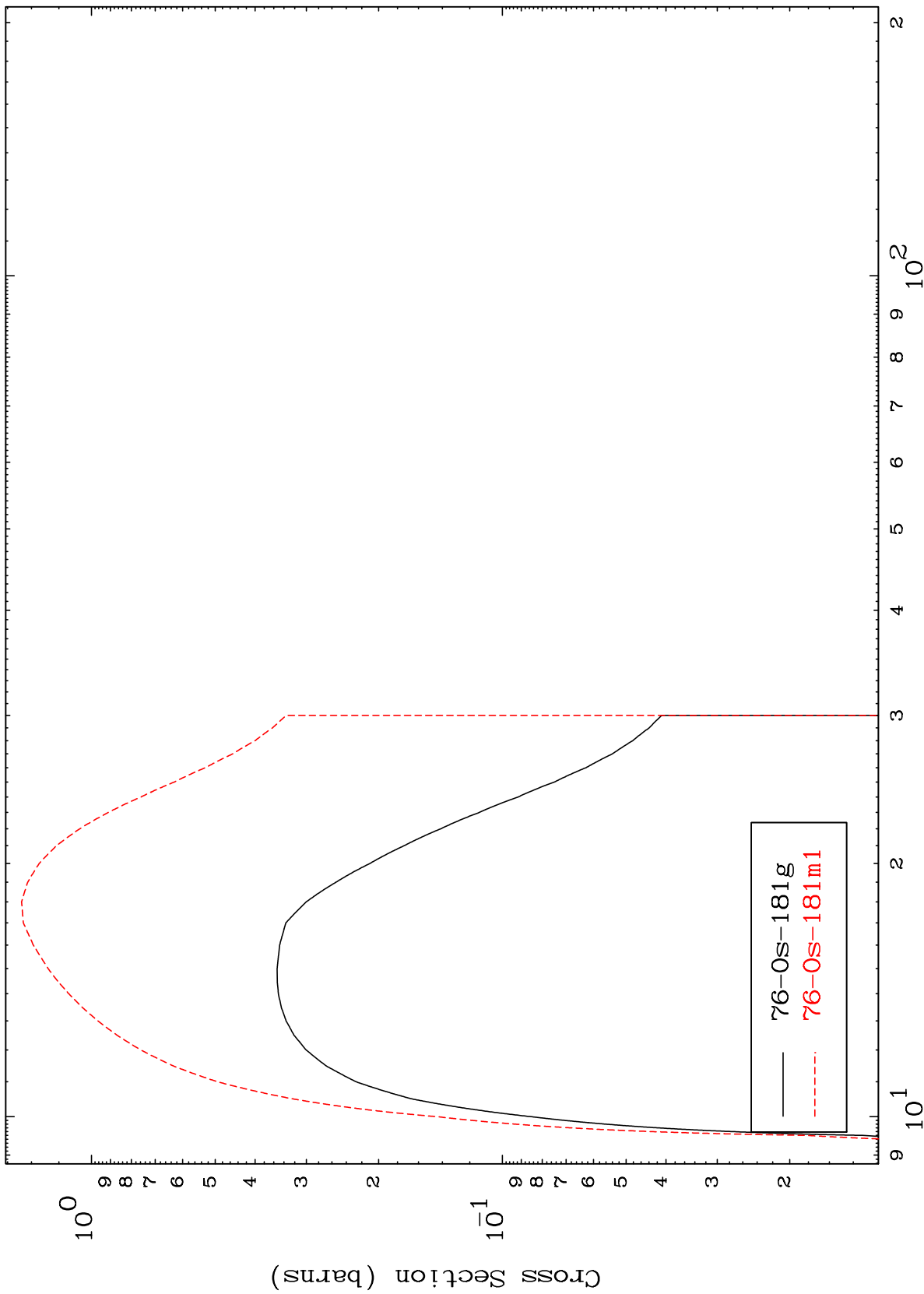




MAT 7619

76-Os-182

(n,2n)  
Radionuclide Production Cross Section



129

Incident Energy (MeV)

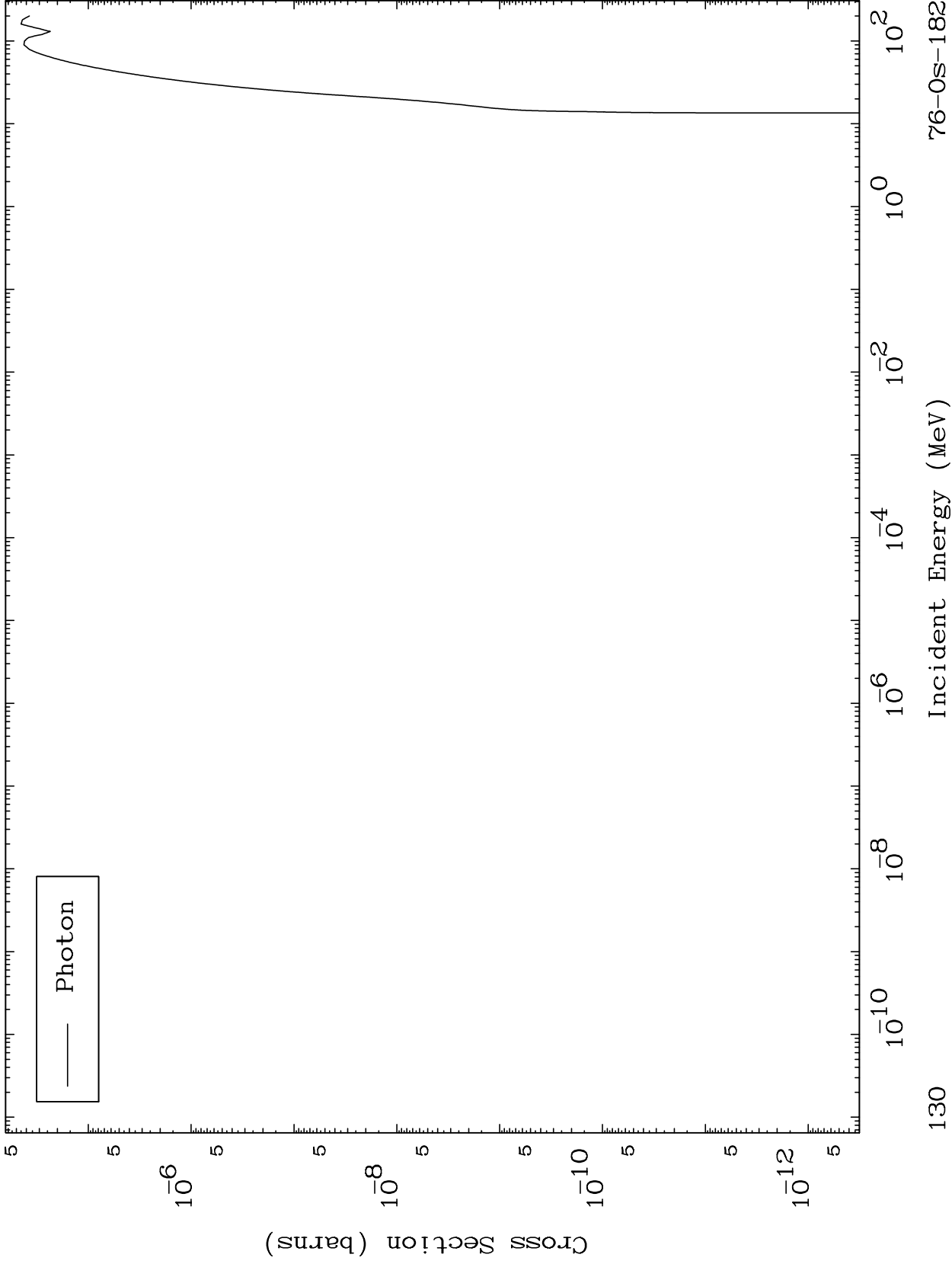
76-Os-182

MAT 7619

Fission

76-Os-182

Radionuclide Production Cross Section

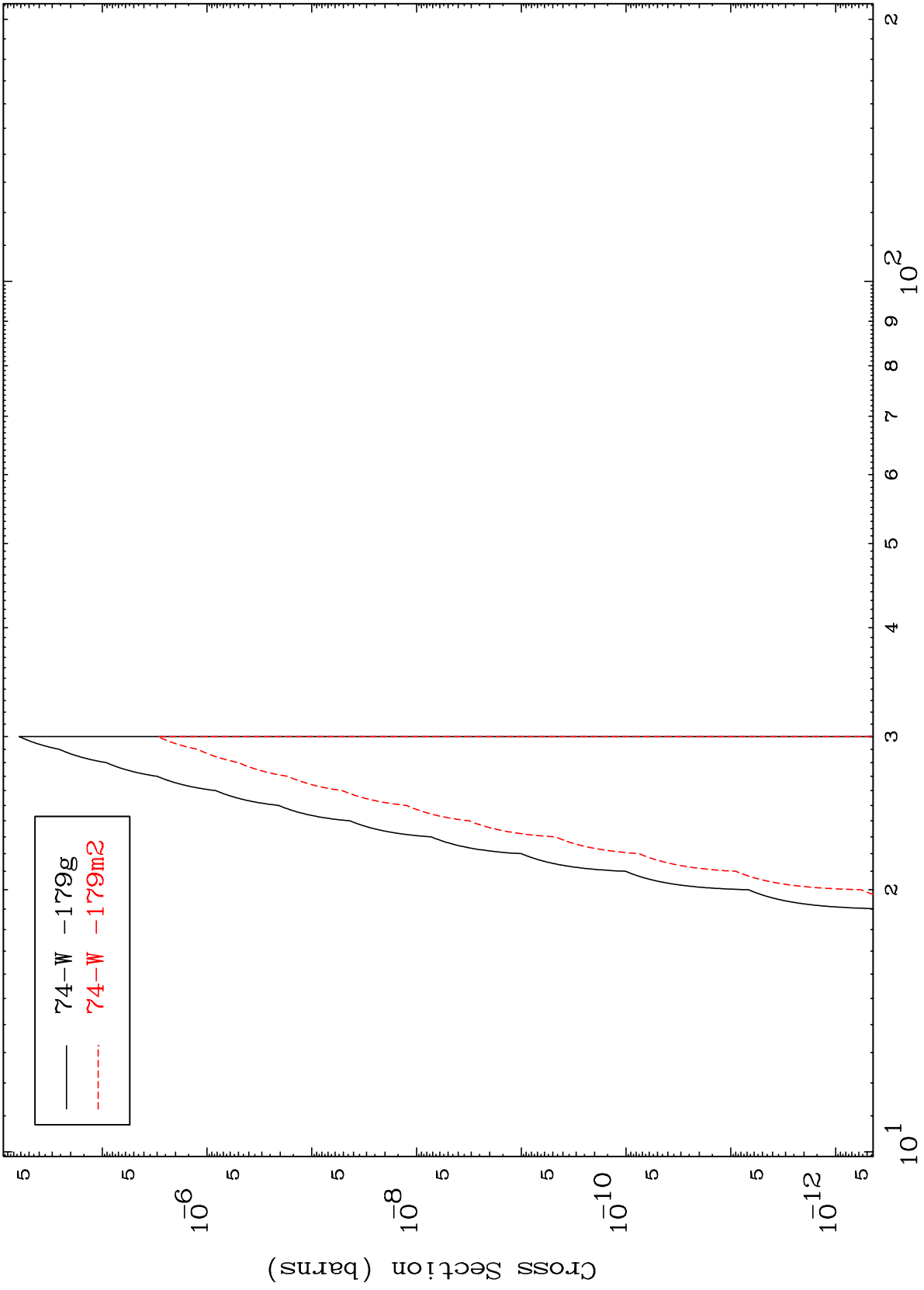


MAT 7619

(n,n') He-3

76-Os-182

Radionuclide Production Cross Section



131

Incident Energy (MeV)

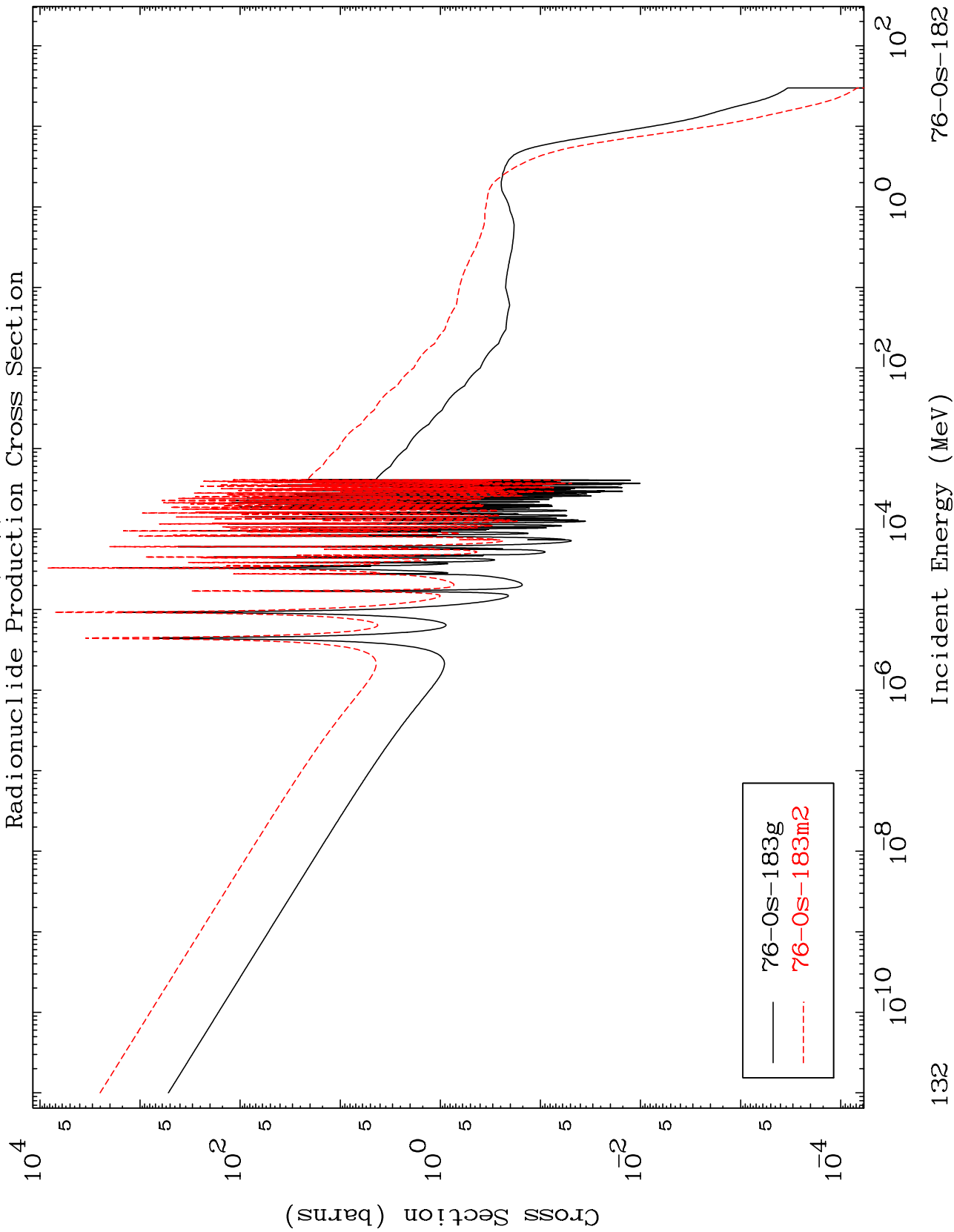
76-Os-182

MAT 7619

76-0s-182

Radionuclide Production Cross Section

(n,  $\gamma$ )

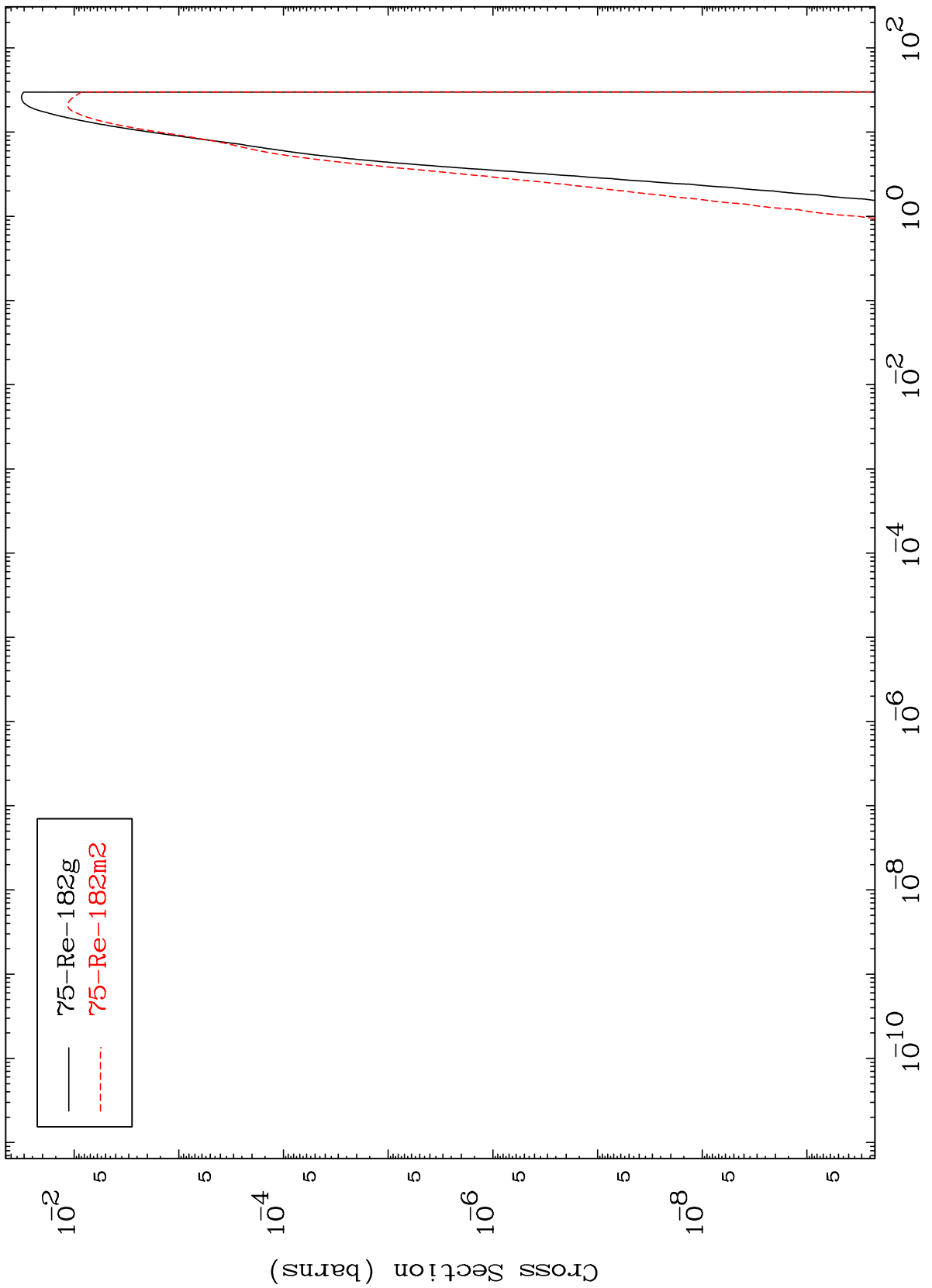


MAT 7619

(n,p)

76-Os-182

Radionuclide Production Cross Section

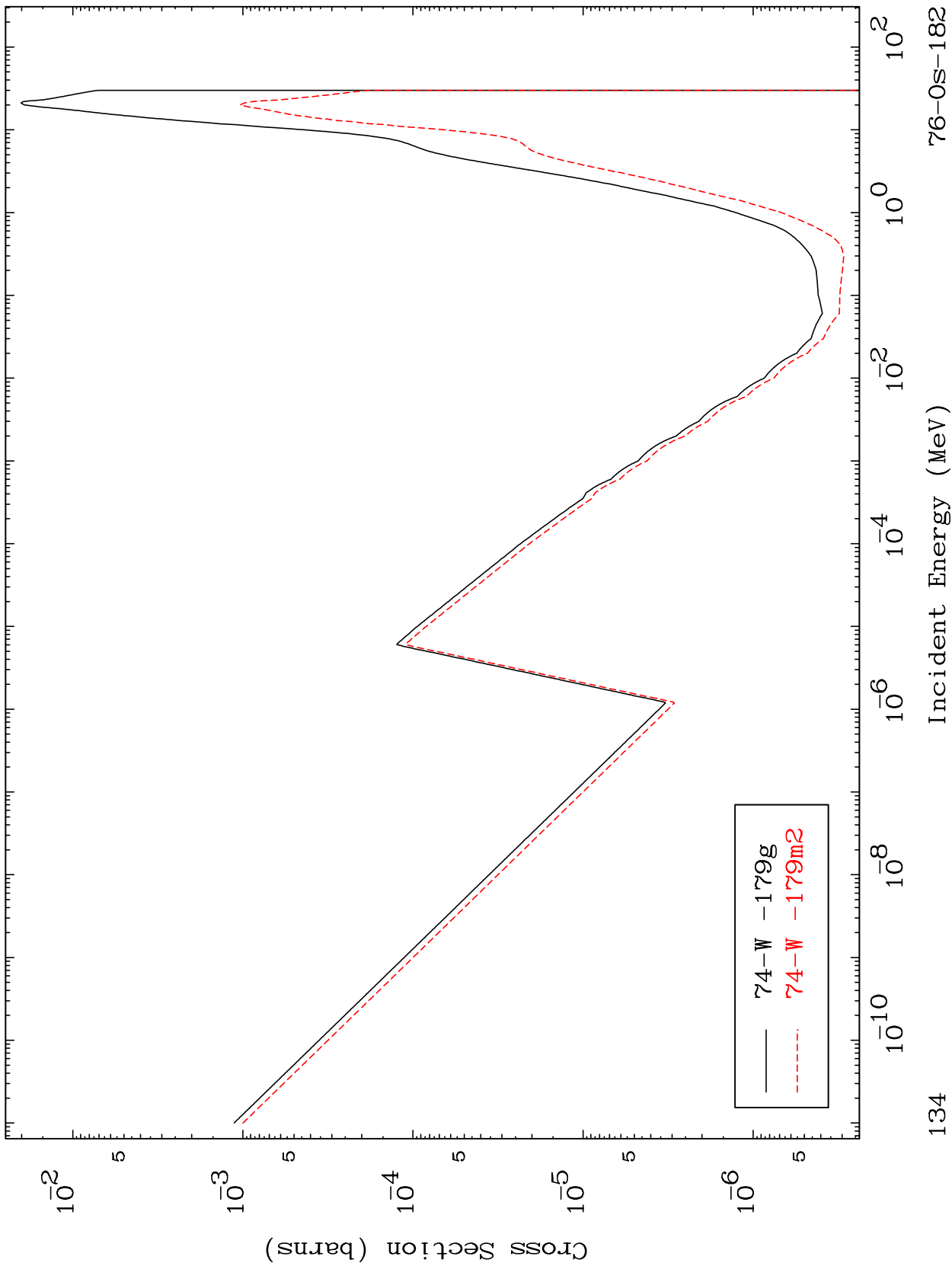


MAT 7619

(n,  $\alpha$ )

76-Os-182

Radionuclide Production Cross Section

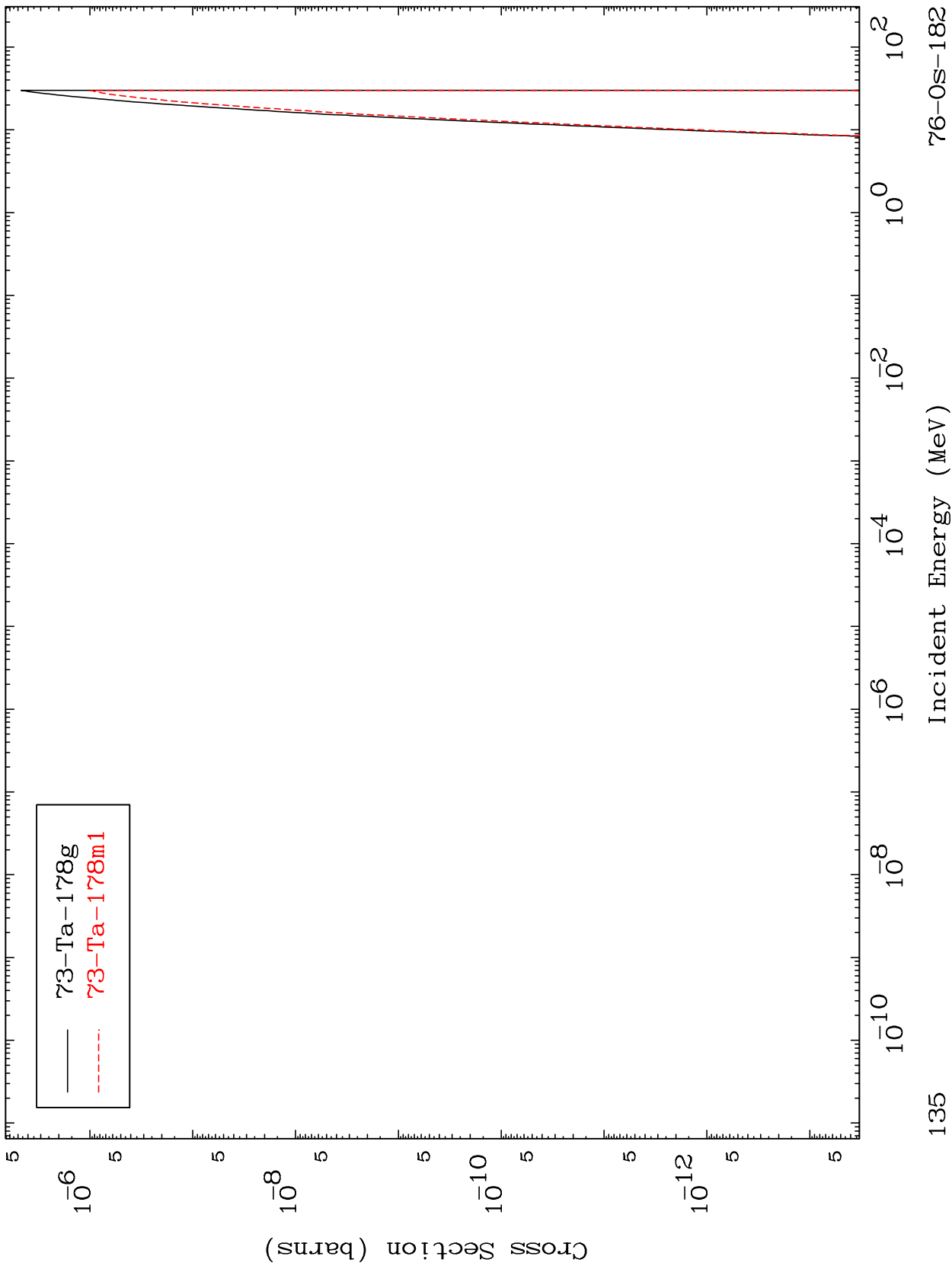


MAT 7619

(n,p)  $\alpha$

76-Os-182

Radionuclide Production Cross Section



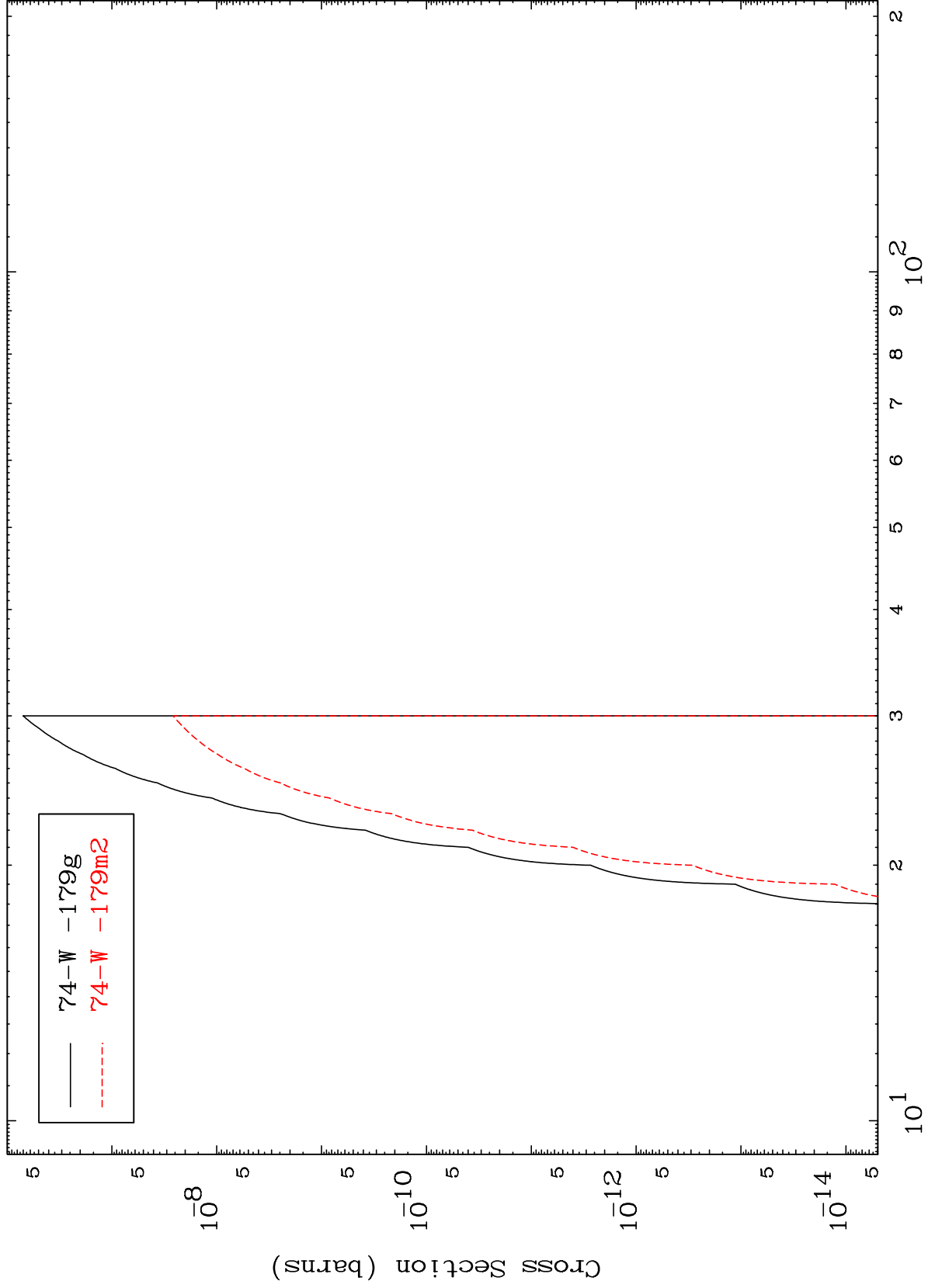


MAT 7619

(n,p) t

76-0s-182

Radionuclide Production Cross Section



Incident Energy (MeV)

76-0s-182

136