

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

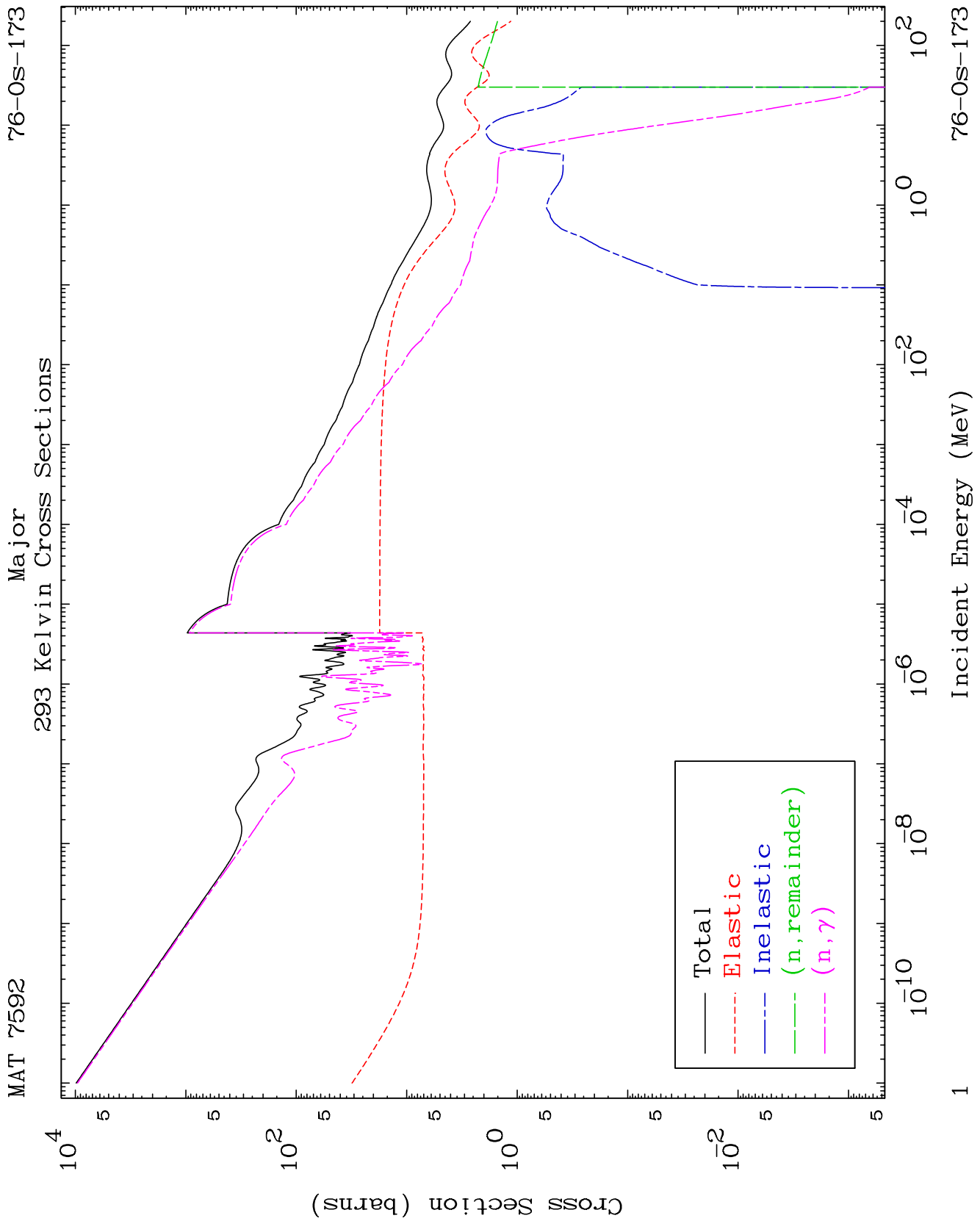
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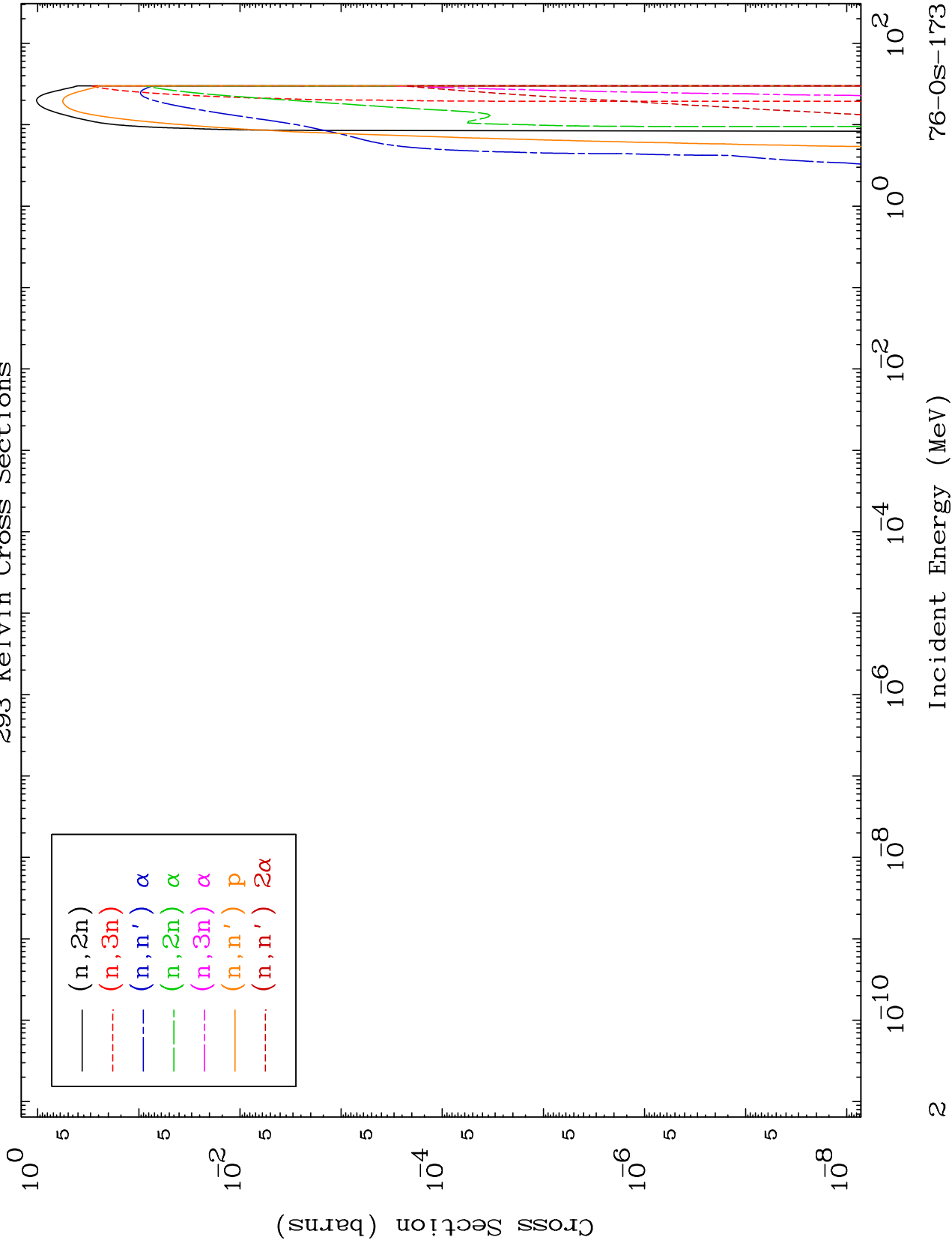
Press Mouse Button to Start



MAT 7592

Neutron Production  
293 Kelvin Cross Sections

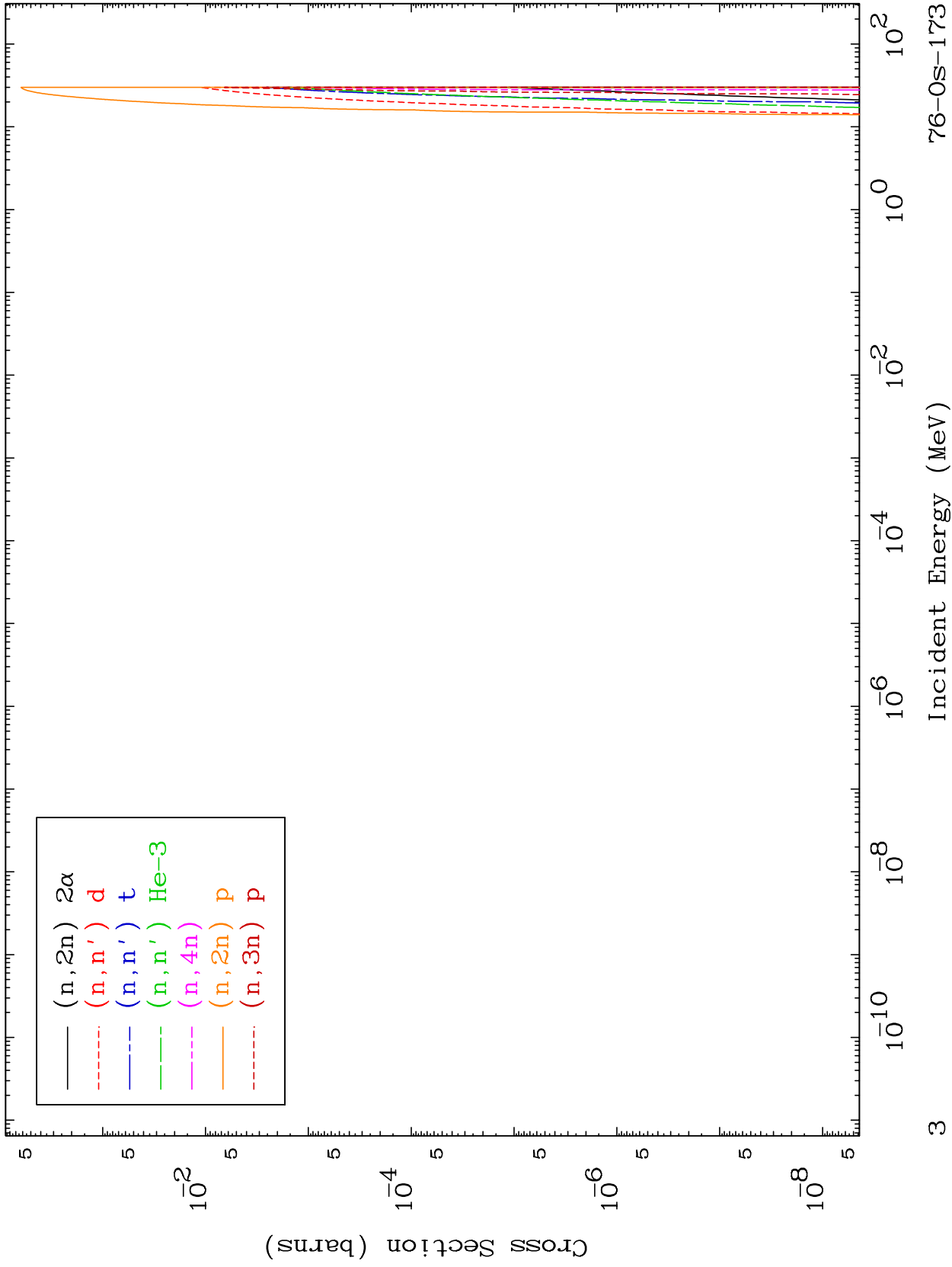
76-Os-173



MAT 7592

Neutron Production  
293 Kelvin Cross Sections

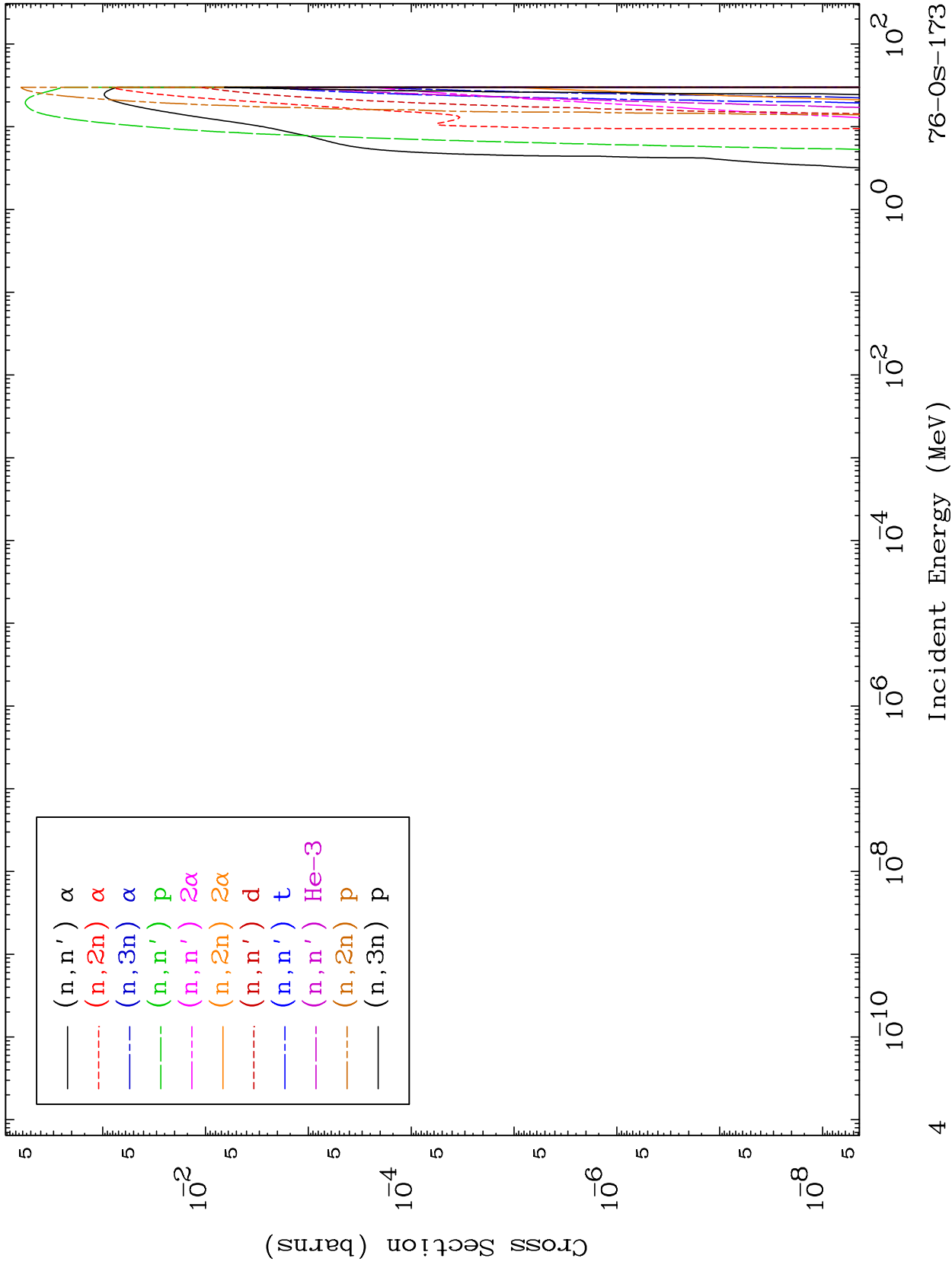
76-Os-173



MAT 7592

Charged Particle  
293 Kelvin Cross Sections

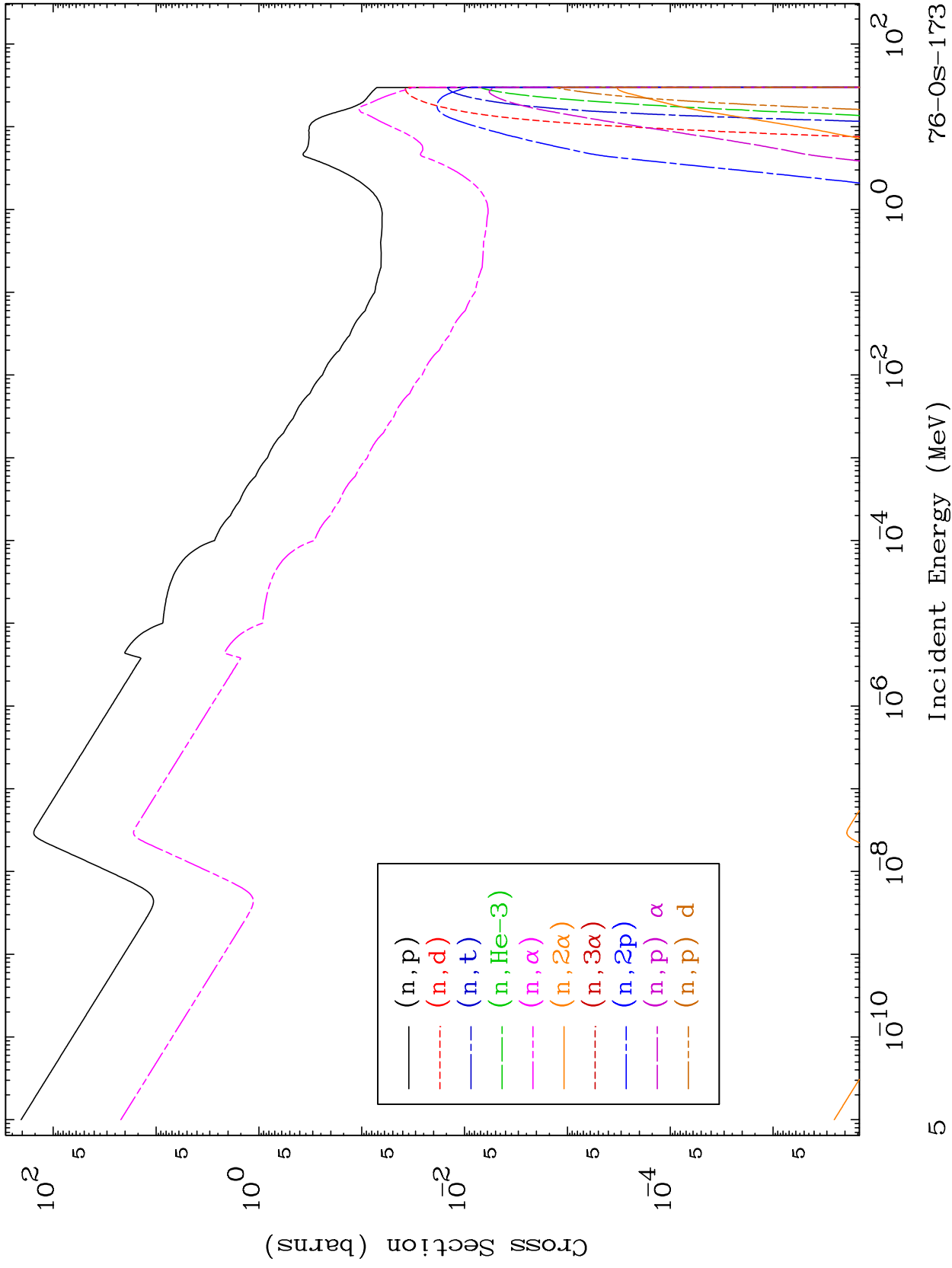
76-Os-173



MAT 7592

Charged Particle  
293 Kelvin Cross Sections

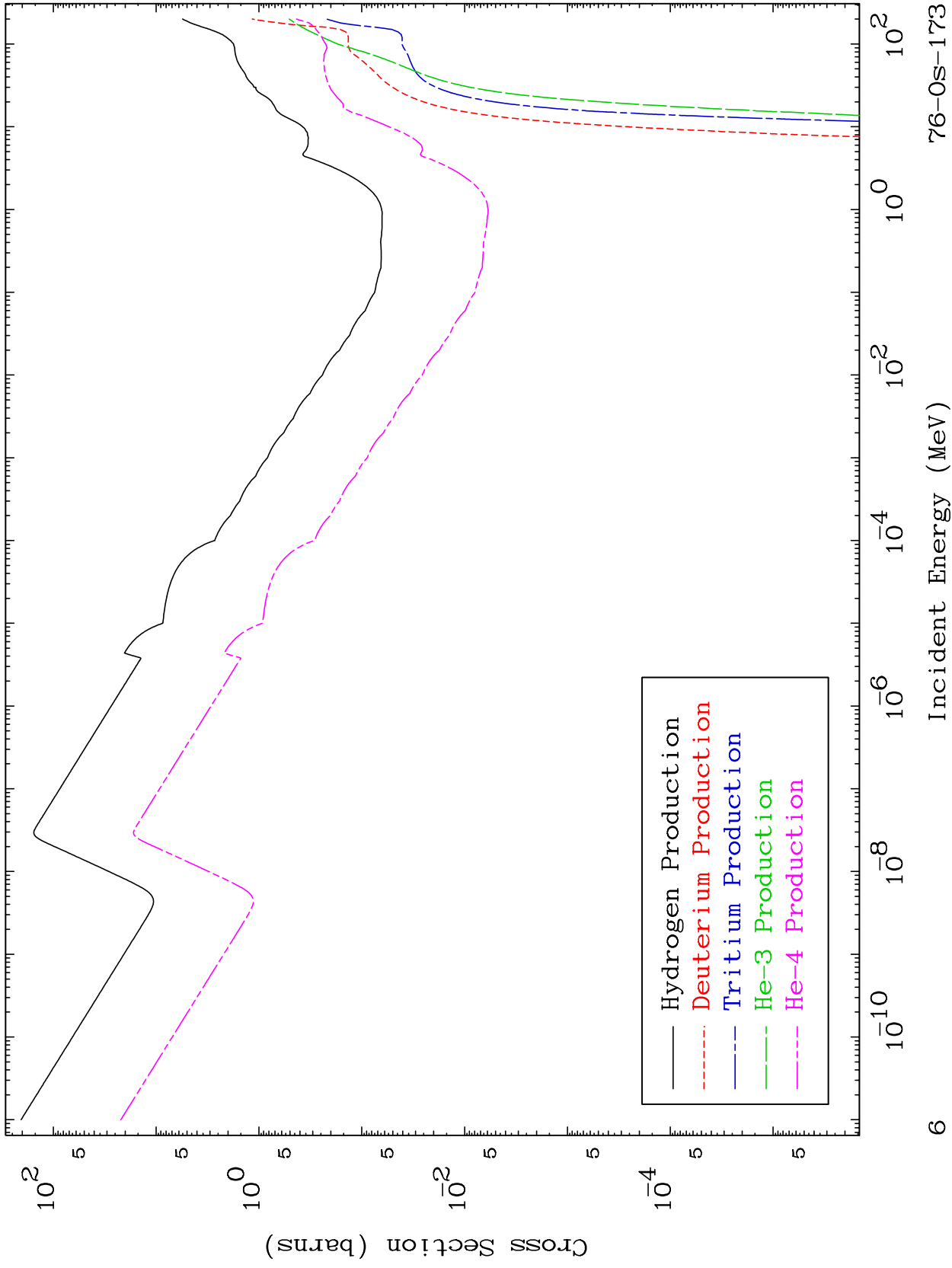
76-Os-173



MAT 7592

Particle Production  
293 Kelvin Cross Sections

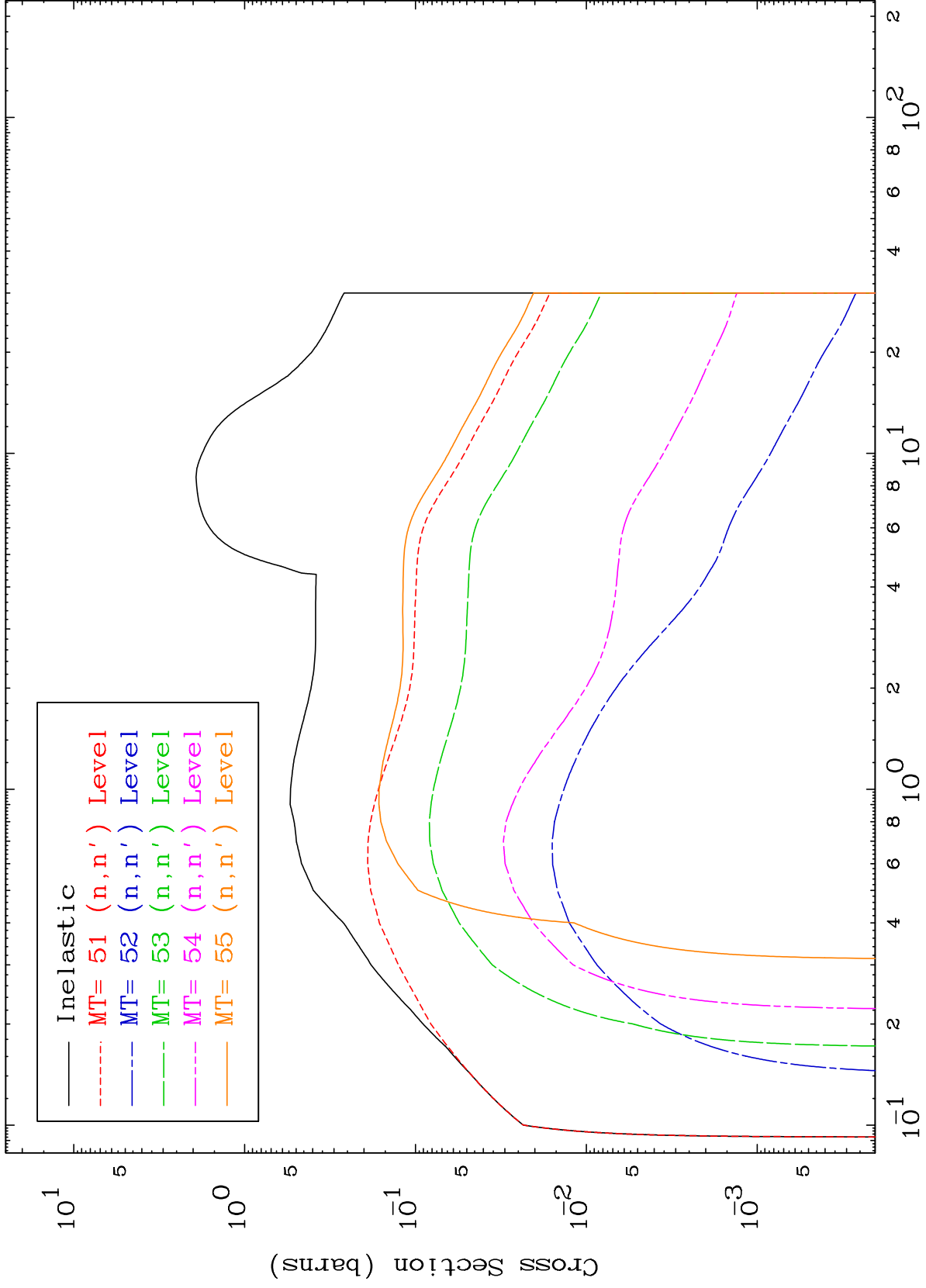
76-Os-173



MAT 7592

293 Kelvin Cross Sections

76-Os-173



Incident Energy (MeV)

76-Os-173

7

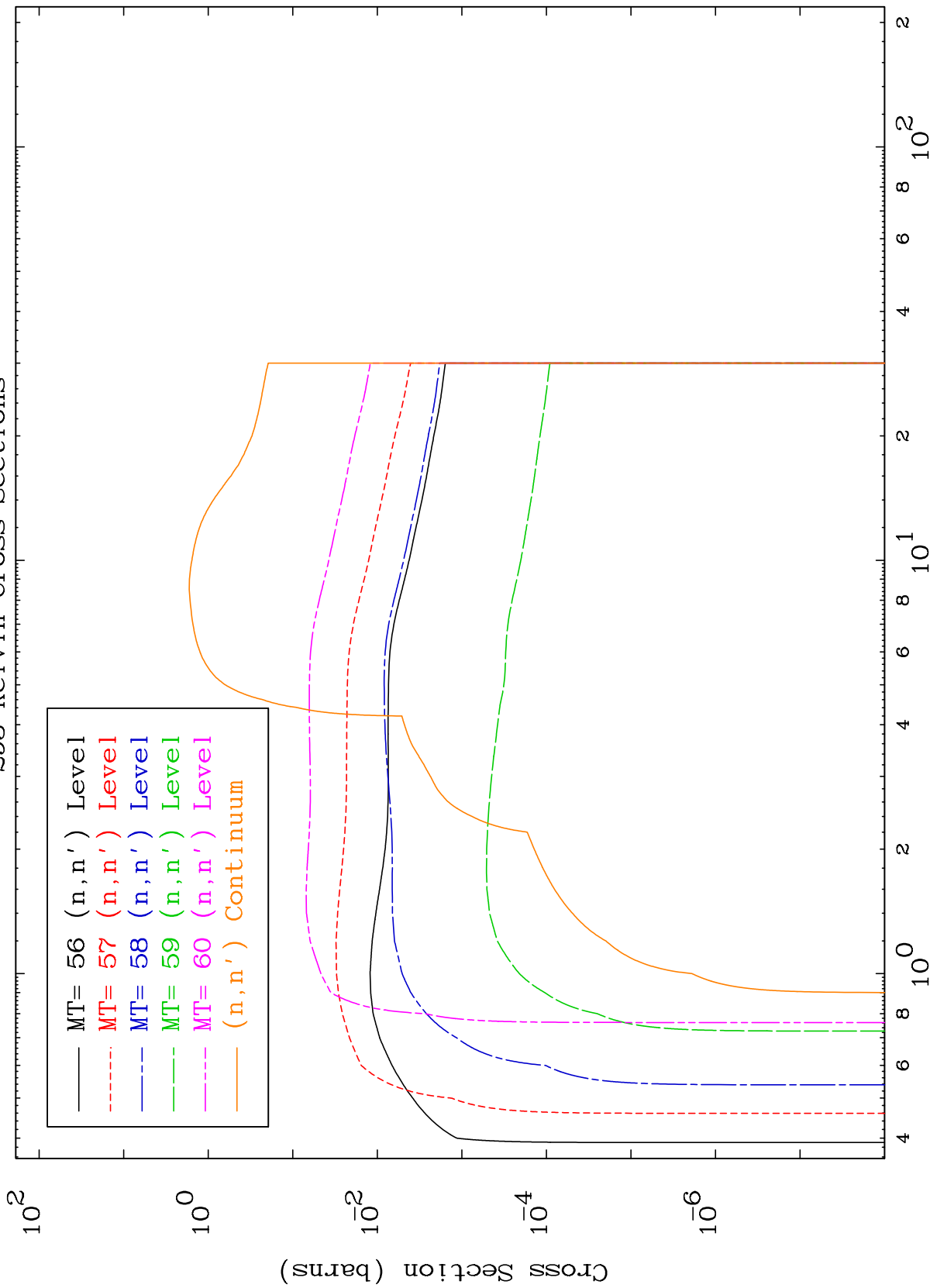


MAT 7592

(n,n') Level

76-Os-173

293 Kelvin Cross Sections



8

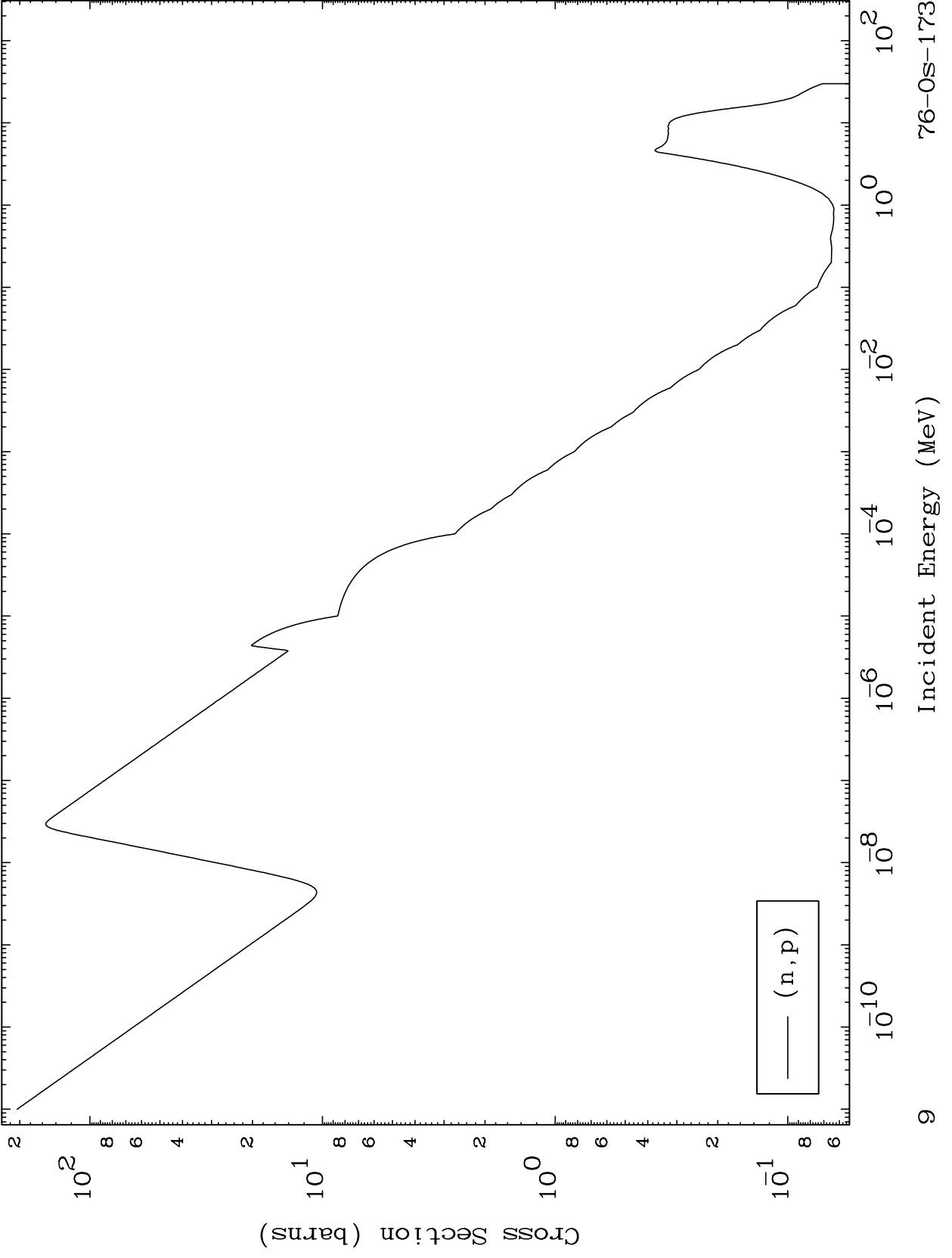
Incident Energy (MeV)

76-Os-173

MAT 7592

(n,p) Levels  
293 Kelvin Cross Sections

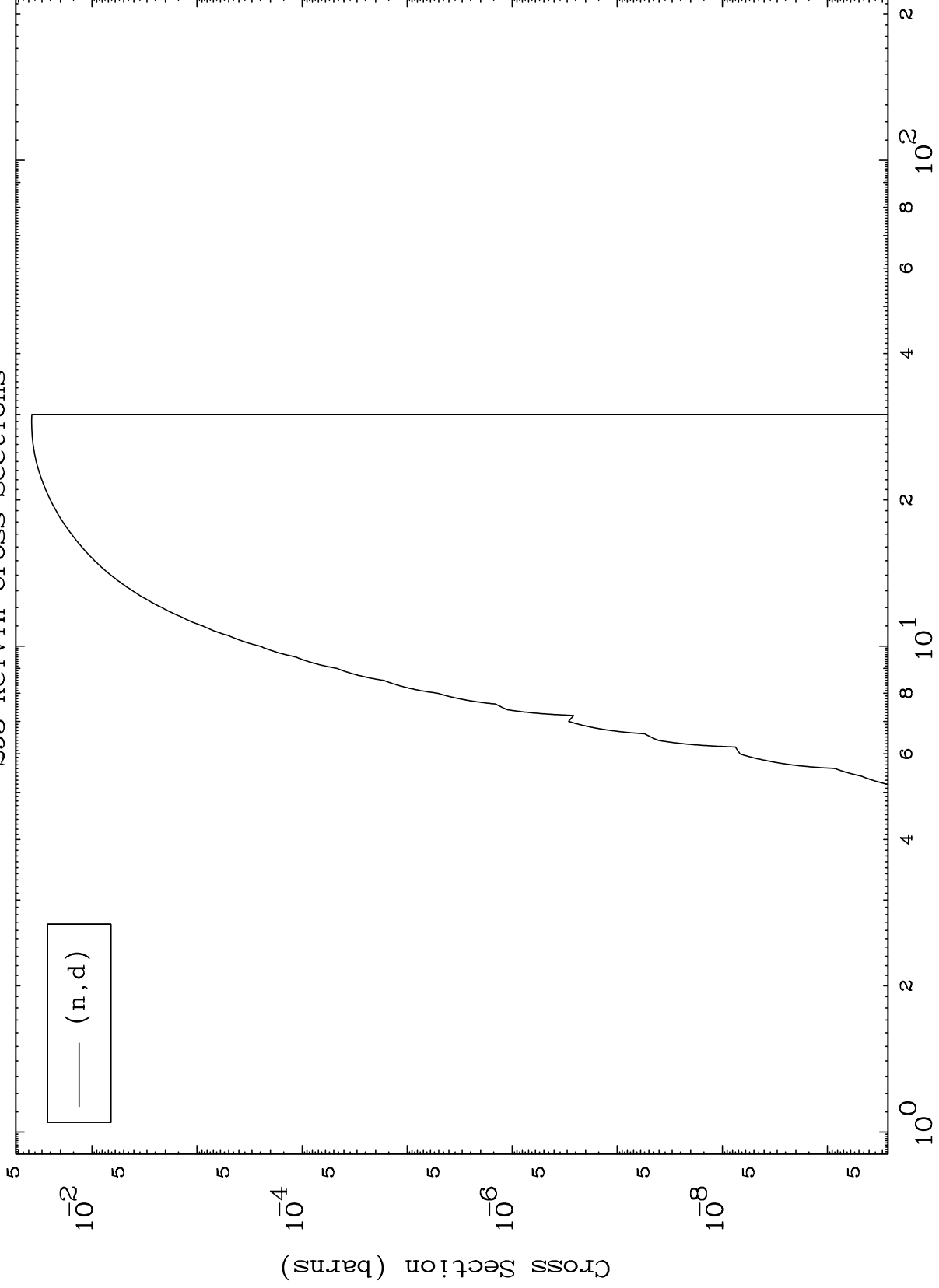
76-Os-173



MAT 7592

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-173



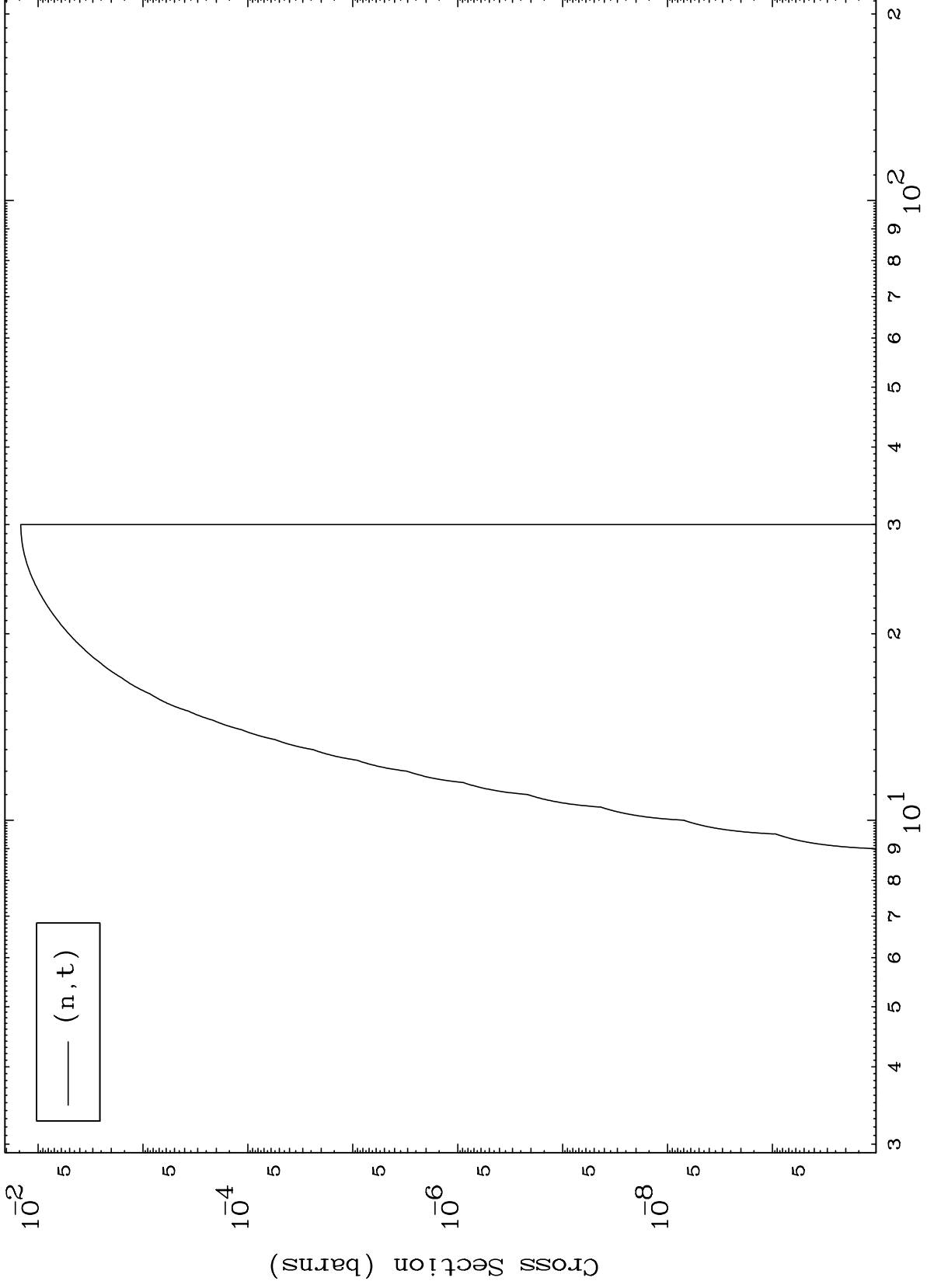
Incident Energy (MeV)

76-Os-173

MAT 7592

(n,t) Levels  
293 Kelvin Cross Sections

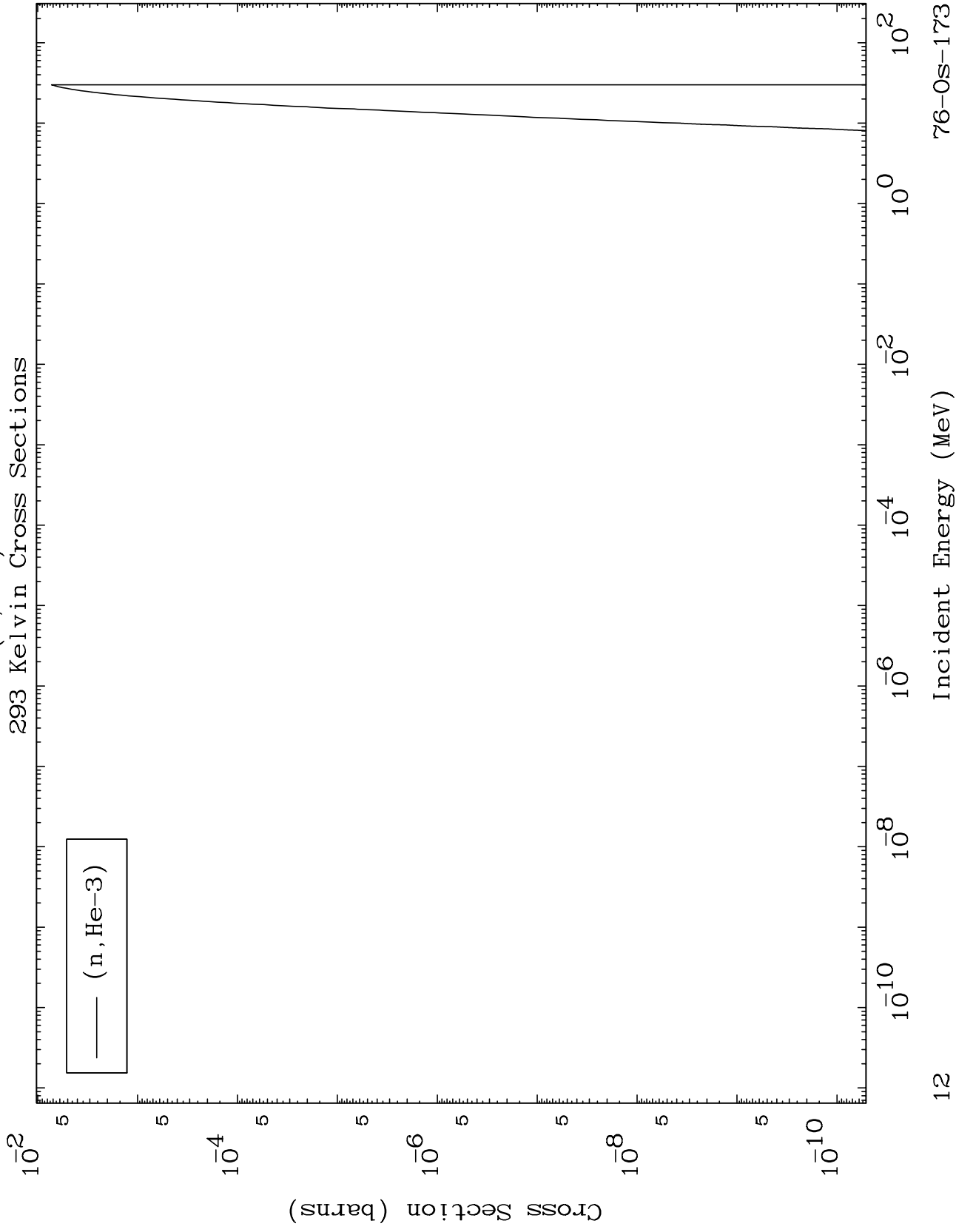
76-Os-173



MAT 7592

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-173



12

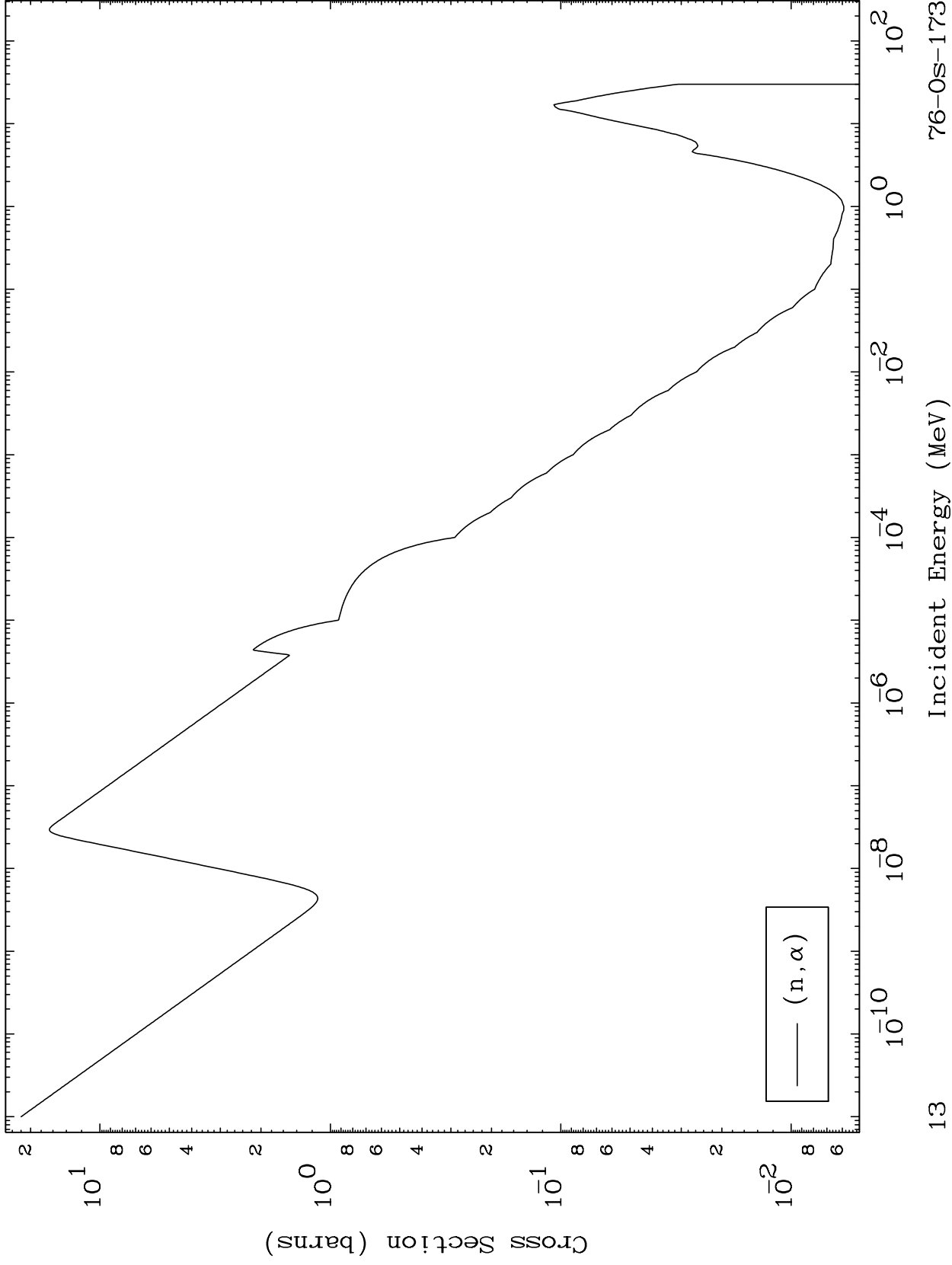
Incident Energy (MeV)

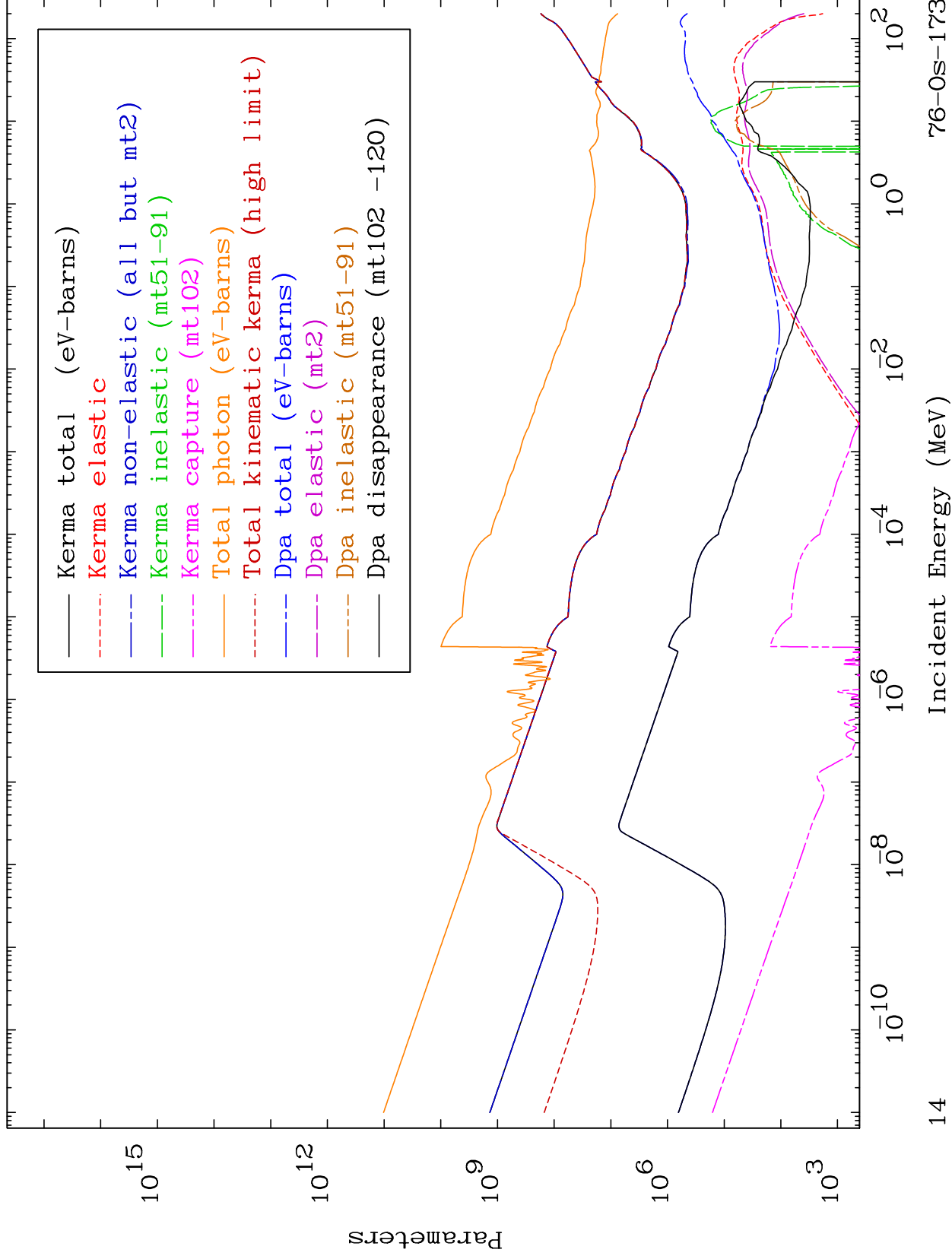
76-Os-173

MAT 7592

(n,α) Levels  
293 Kelvin Cross Sections

76-Os-173

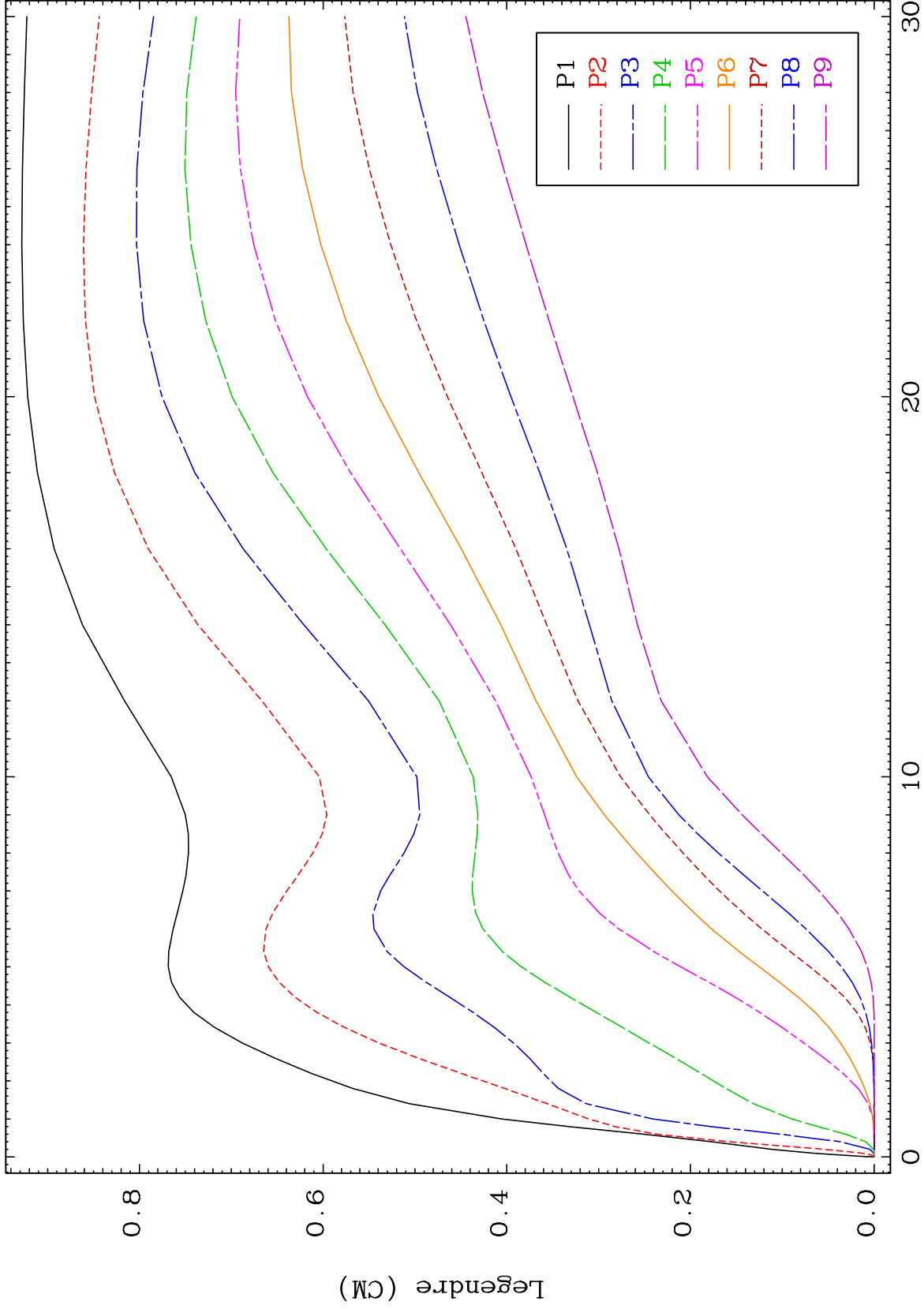




MAT 7592

Elastic Legendre Coefficients

76-Os-173



0

Incident Energy (MeV)

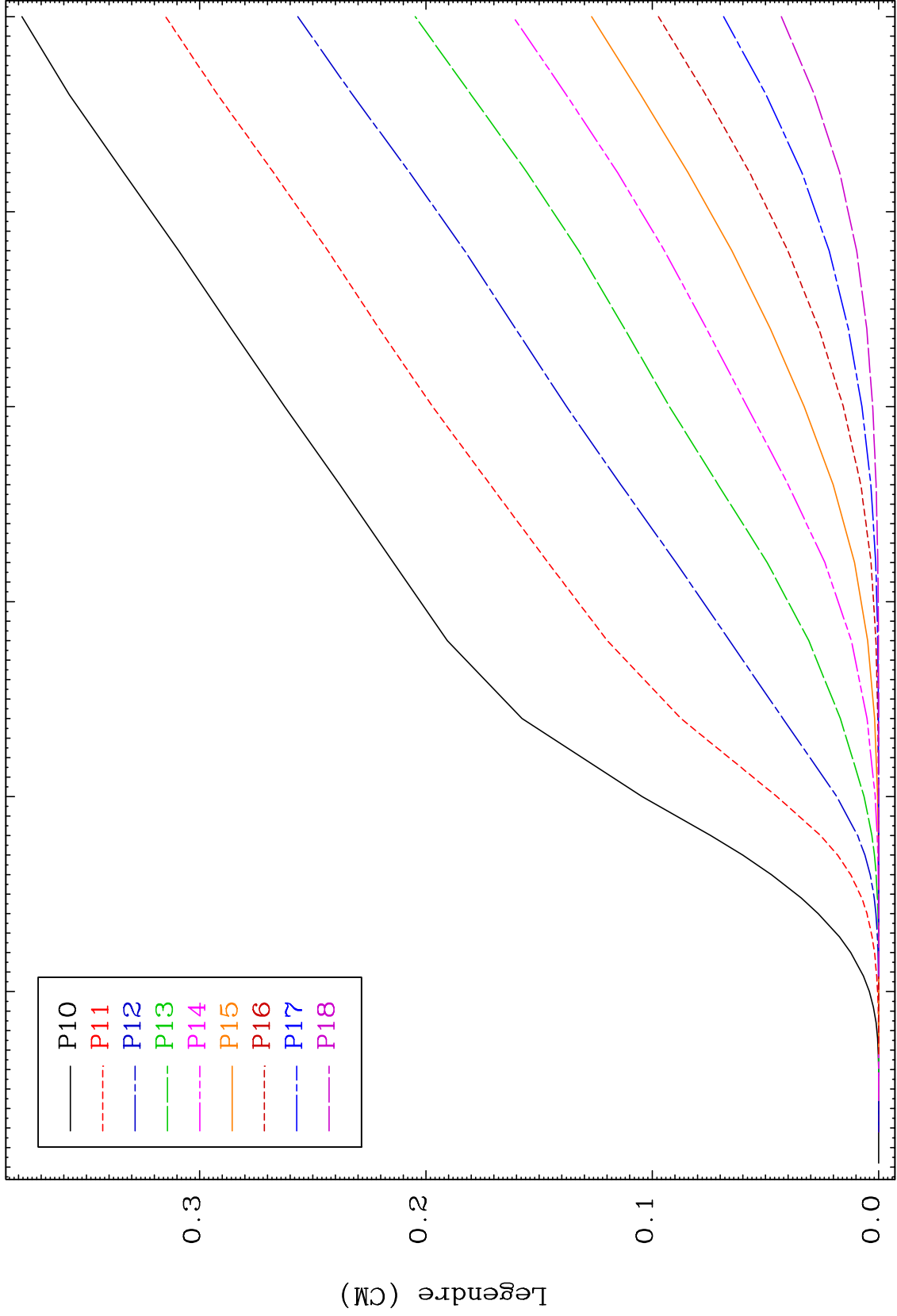
76-Os-173



MAT 7592

Elastic Legendre Coefficients

76-Os-173



16

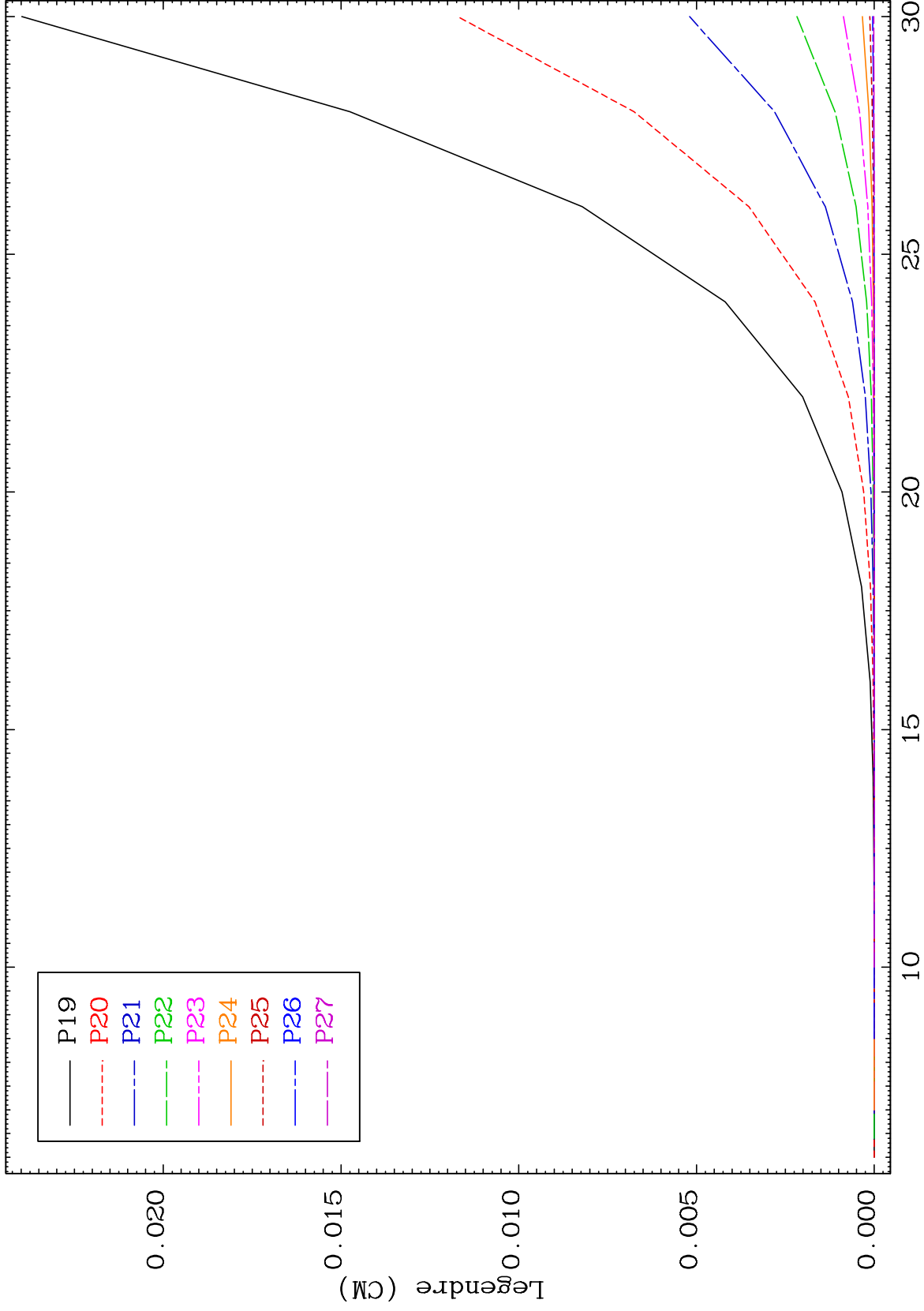
Incident Energy (MeV)

76-Os-173

MAT 7592

### Elastic Legendre Coefficients

76-0s-173



17

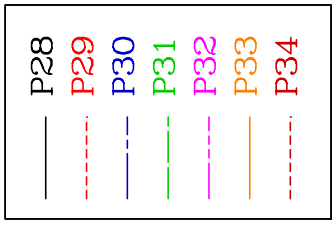
Incident Energy (MeV)

76-0s-173

MAT 7592

Elastic Legendre Coefficients

76-0s-173



$\times 10^{-6}$

Legendre (CM)

10

15

20

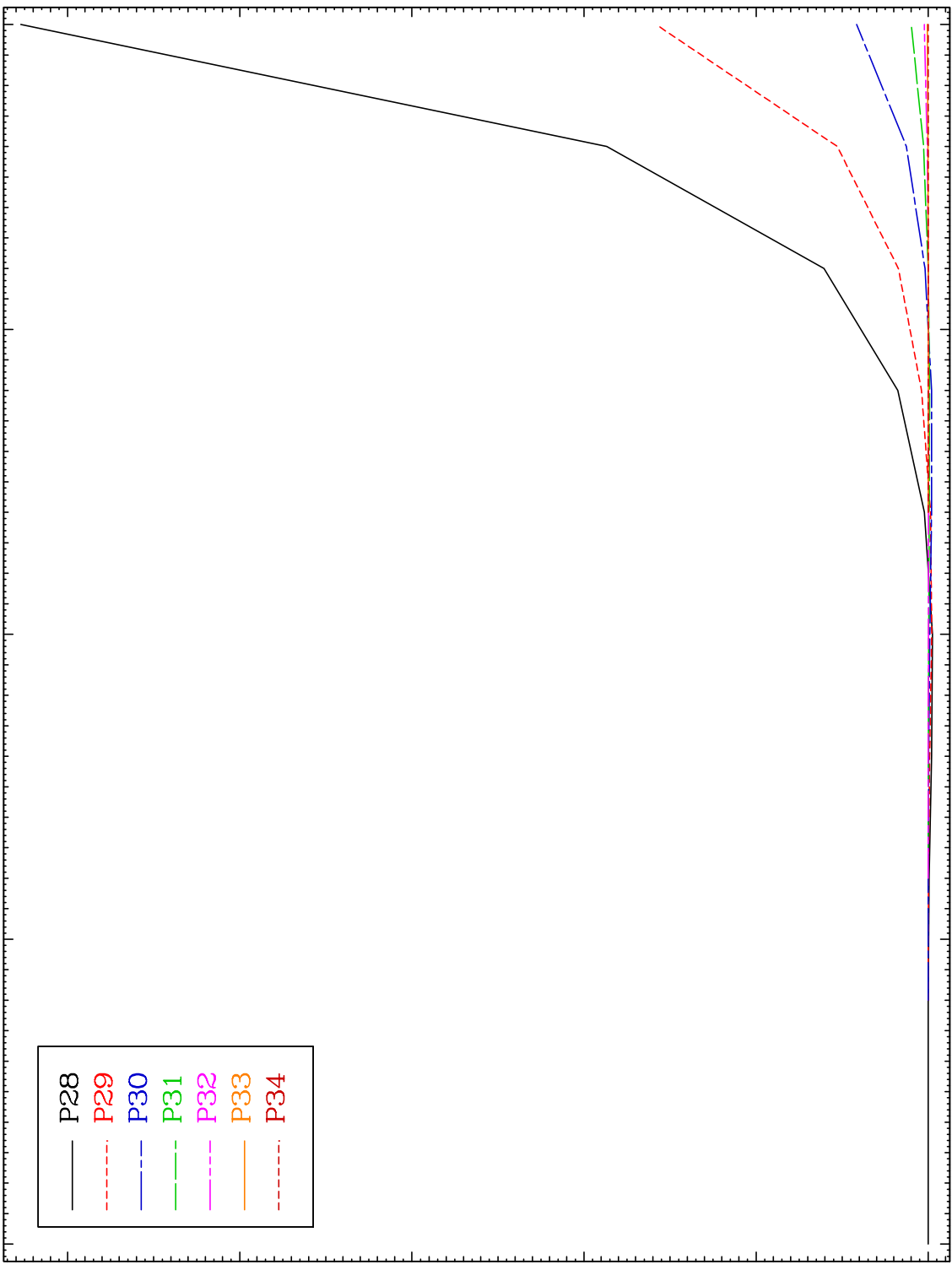
25

30

18

Incident Energy (MeV)

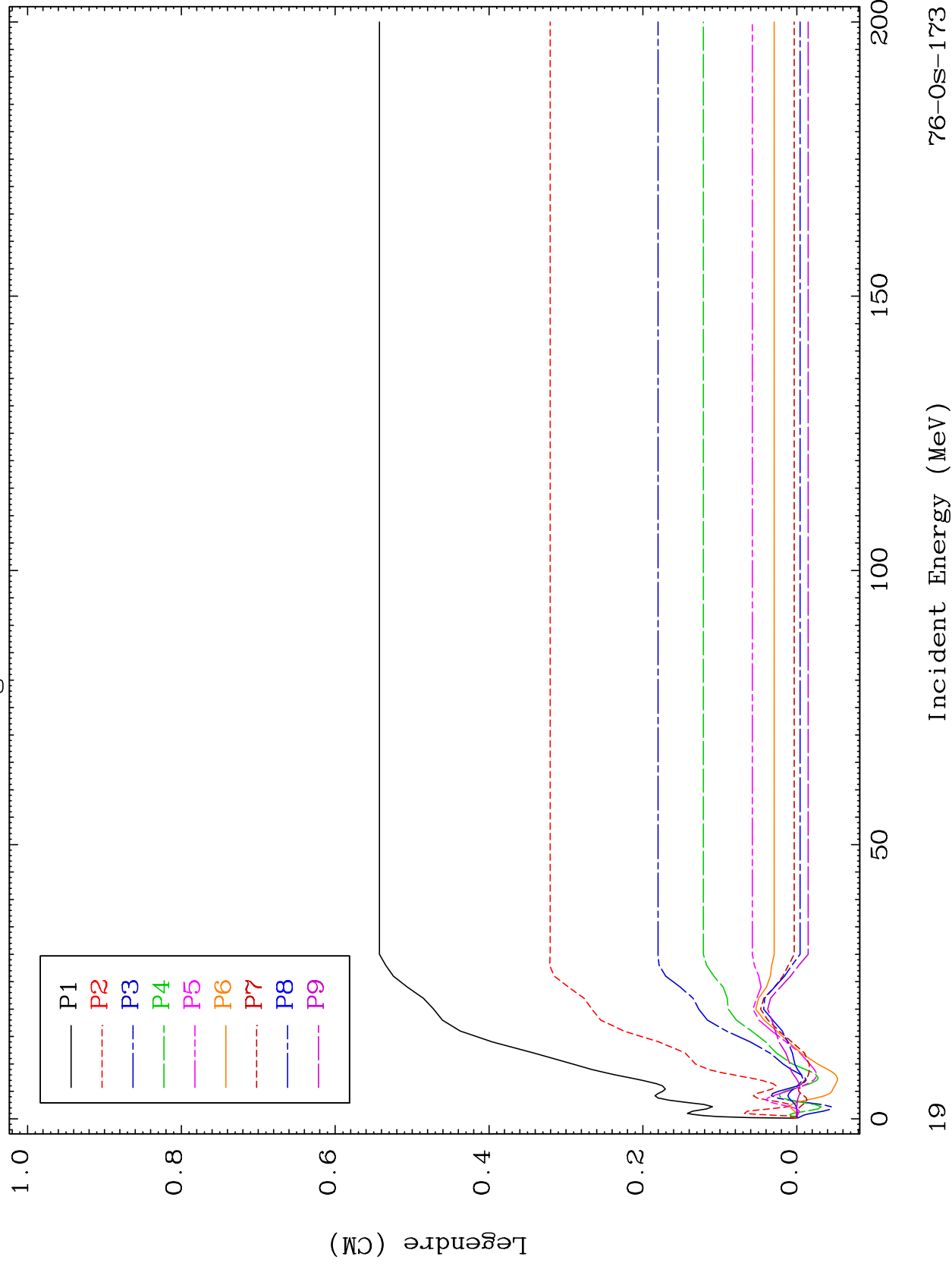
76-0s-173



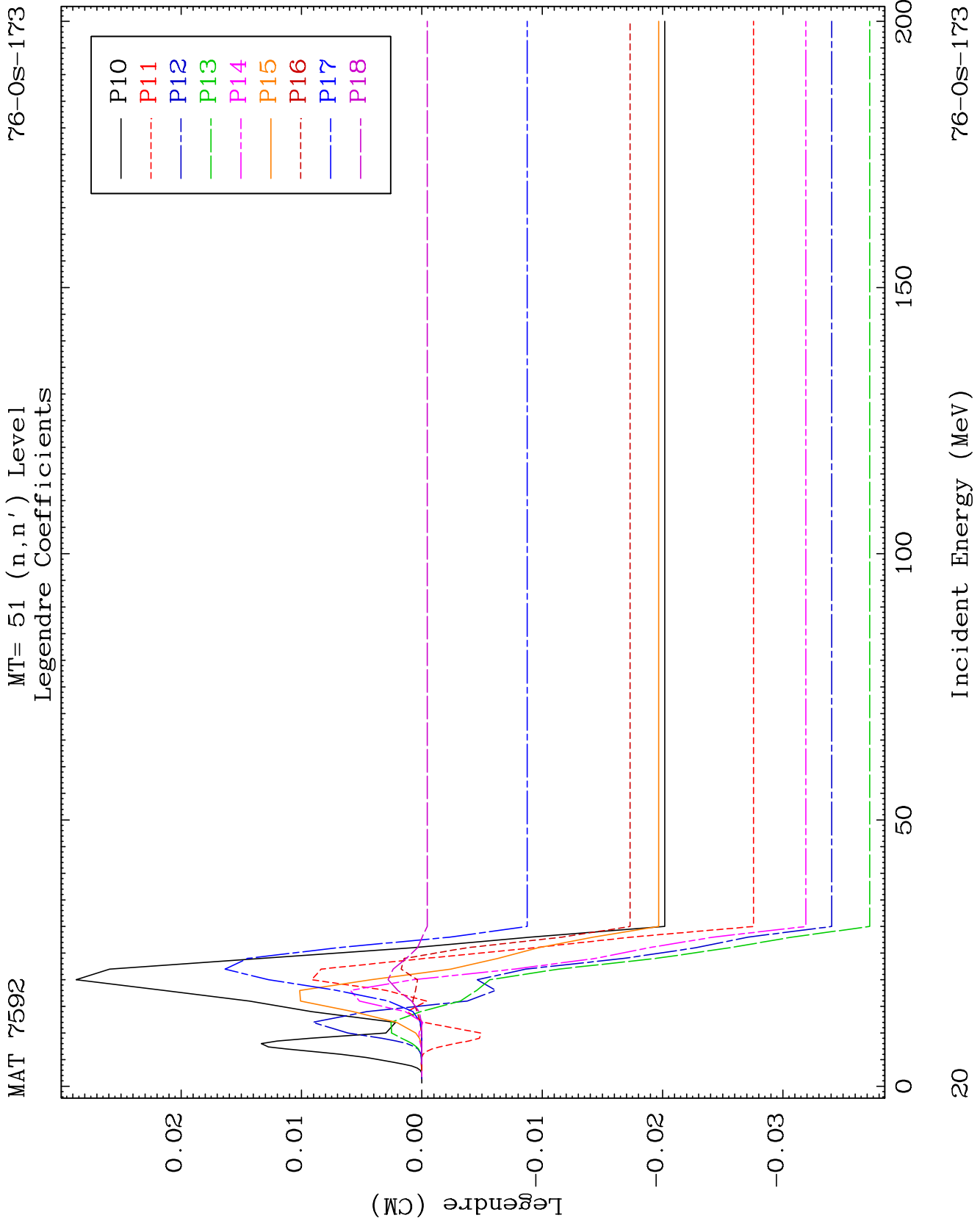
MAT 7592

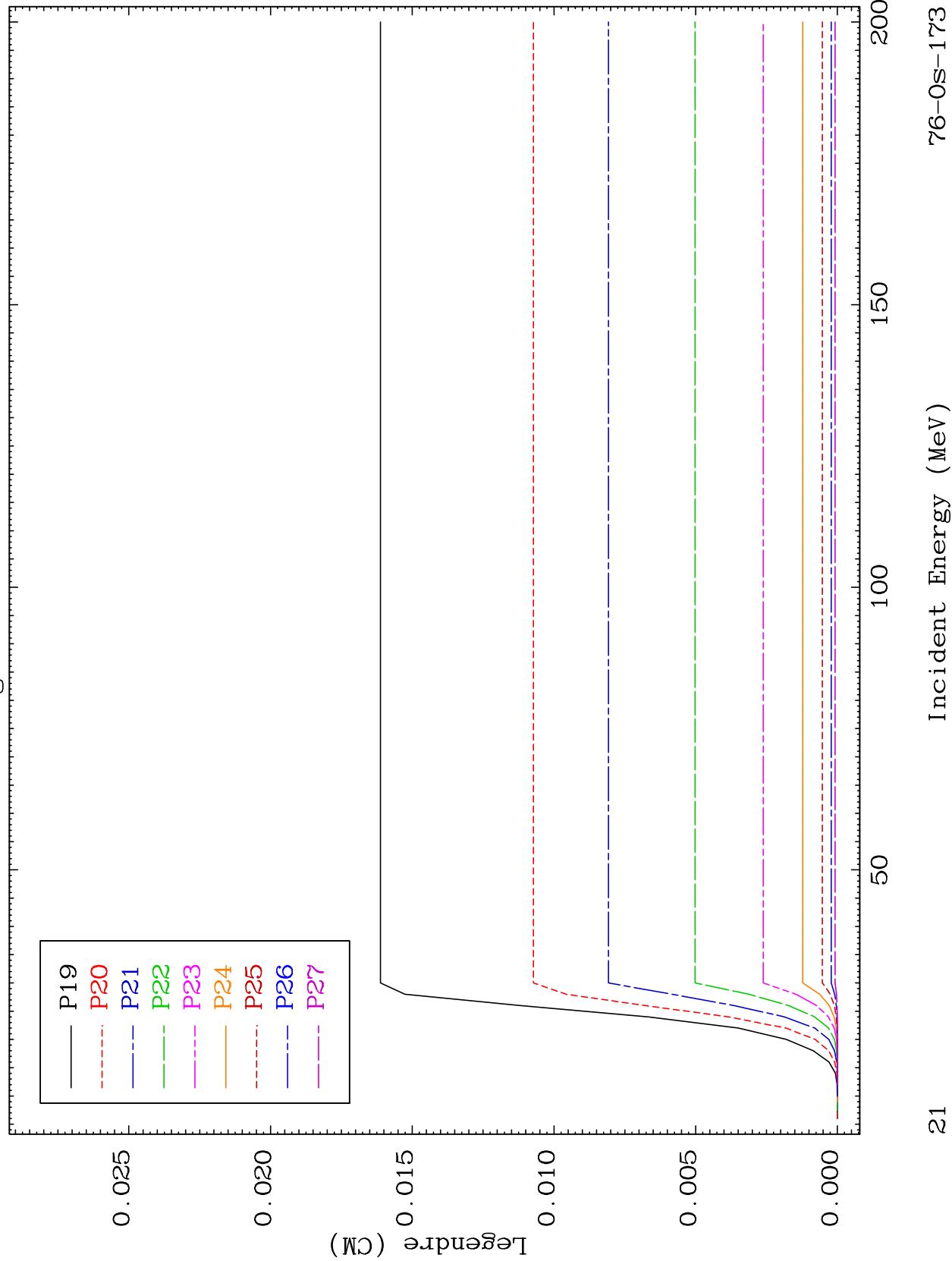
MT= 51 (n,n') Level  
Legendre Coefficients

76-0s-173



19

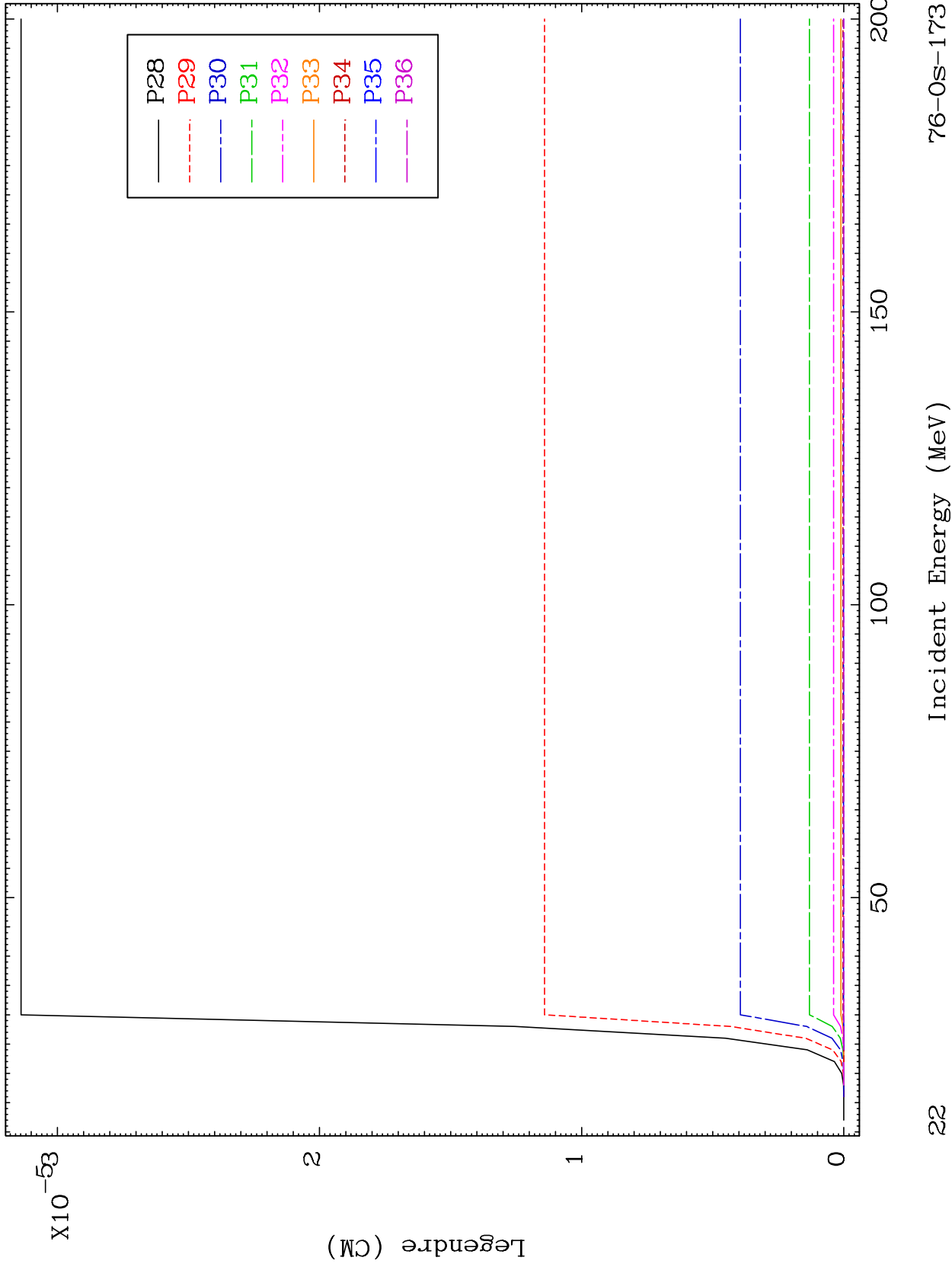




MAT 7592

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

76-Os-173



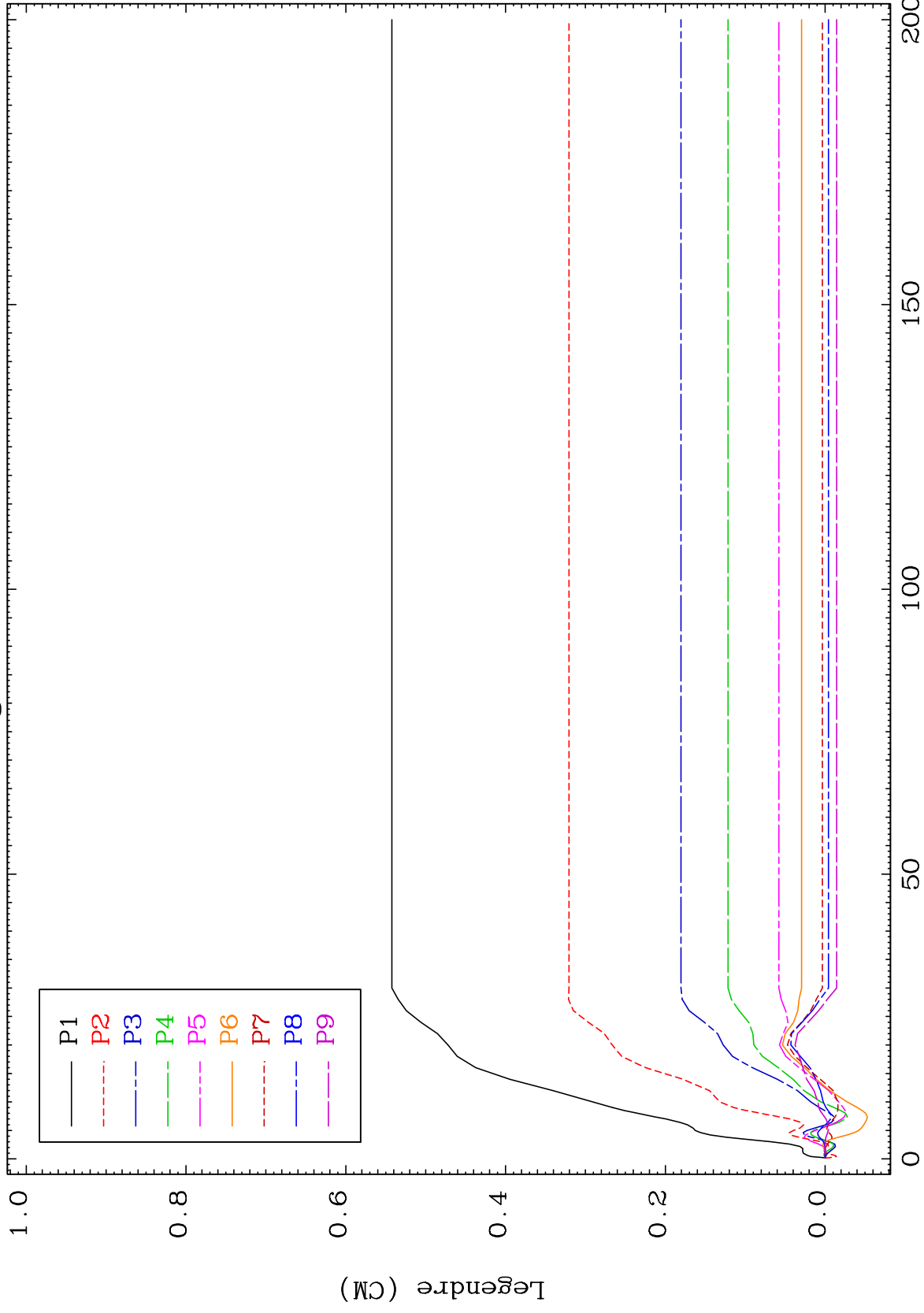
22

76-Os-173

MAT 7592

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

76-0s-173



23

Incident Energy (MeV)

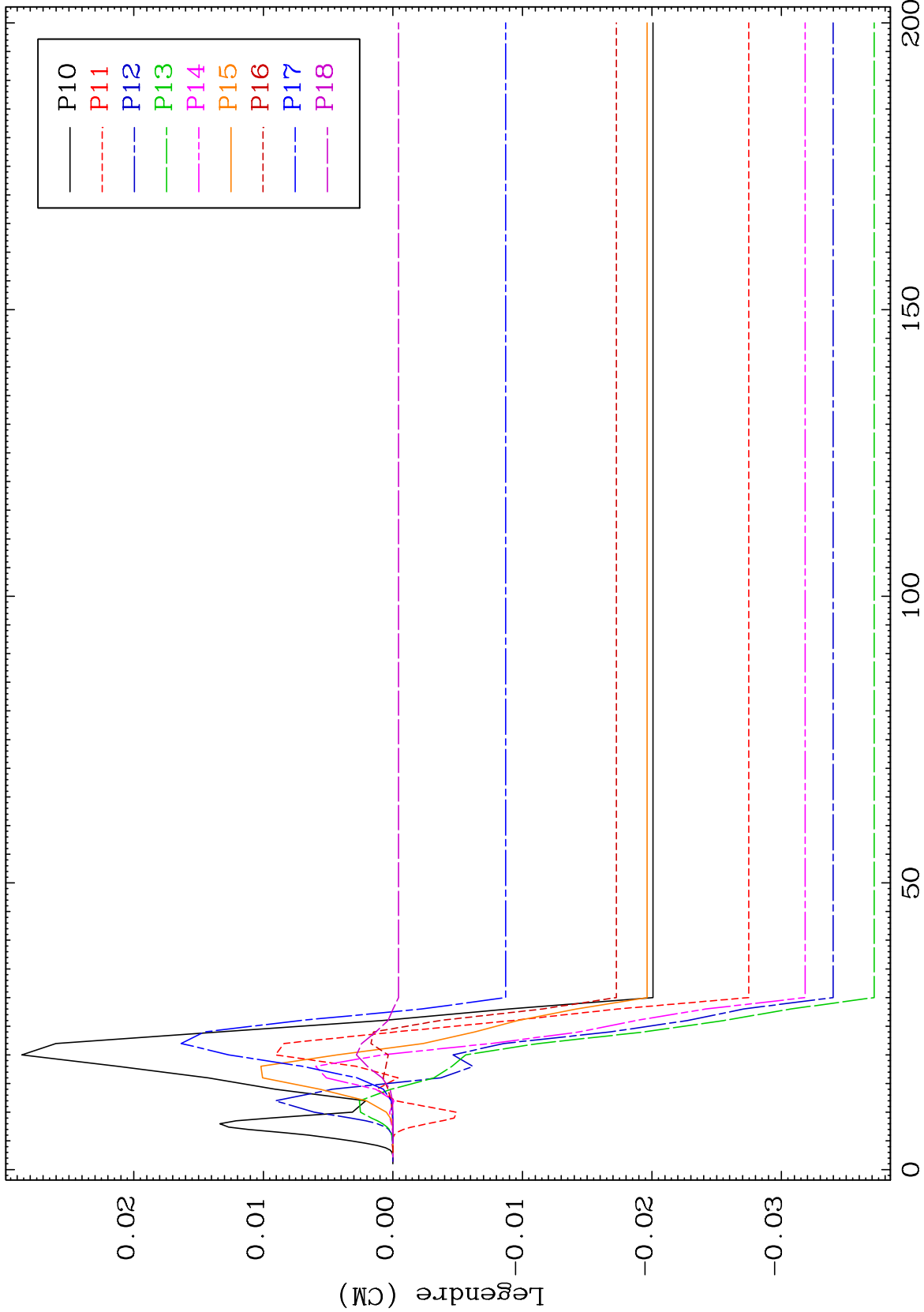
76-0s-173



MAT 7592

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

76-Os-173



24

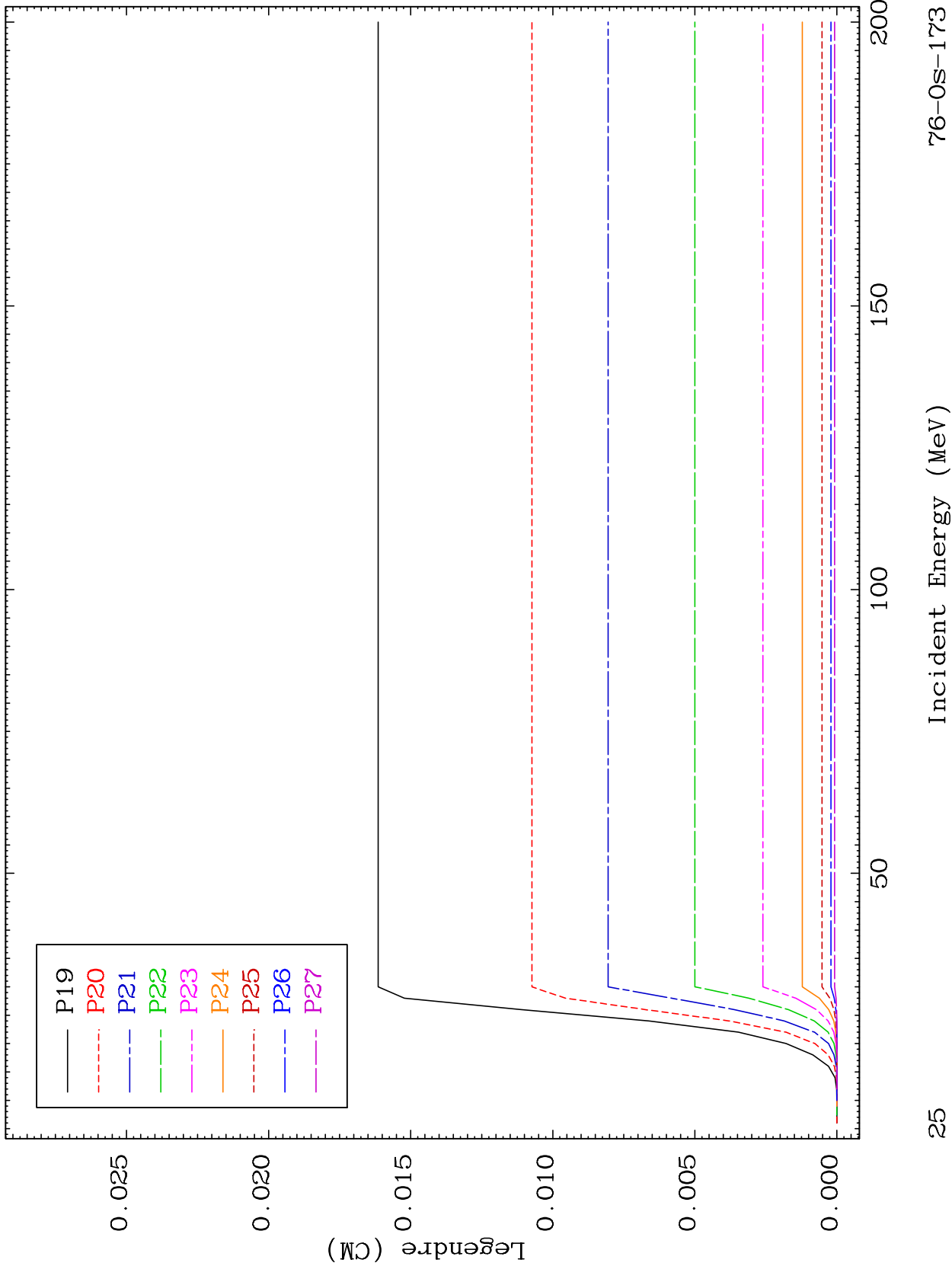
Incident Energy (MeV)

76-Os-173

MAT 7592

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

76-0s-173



25

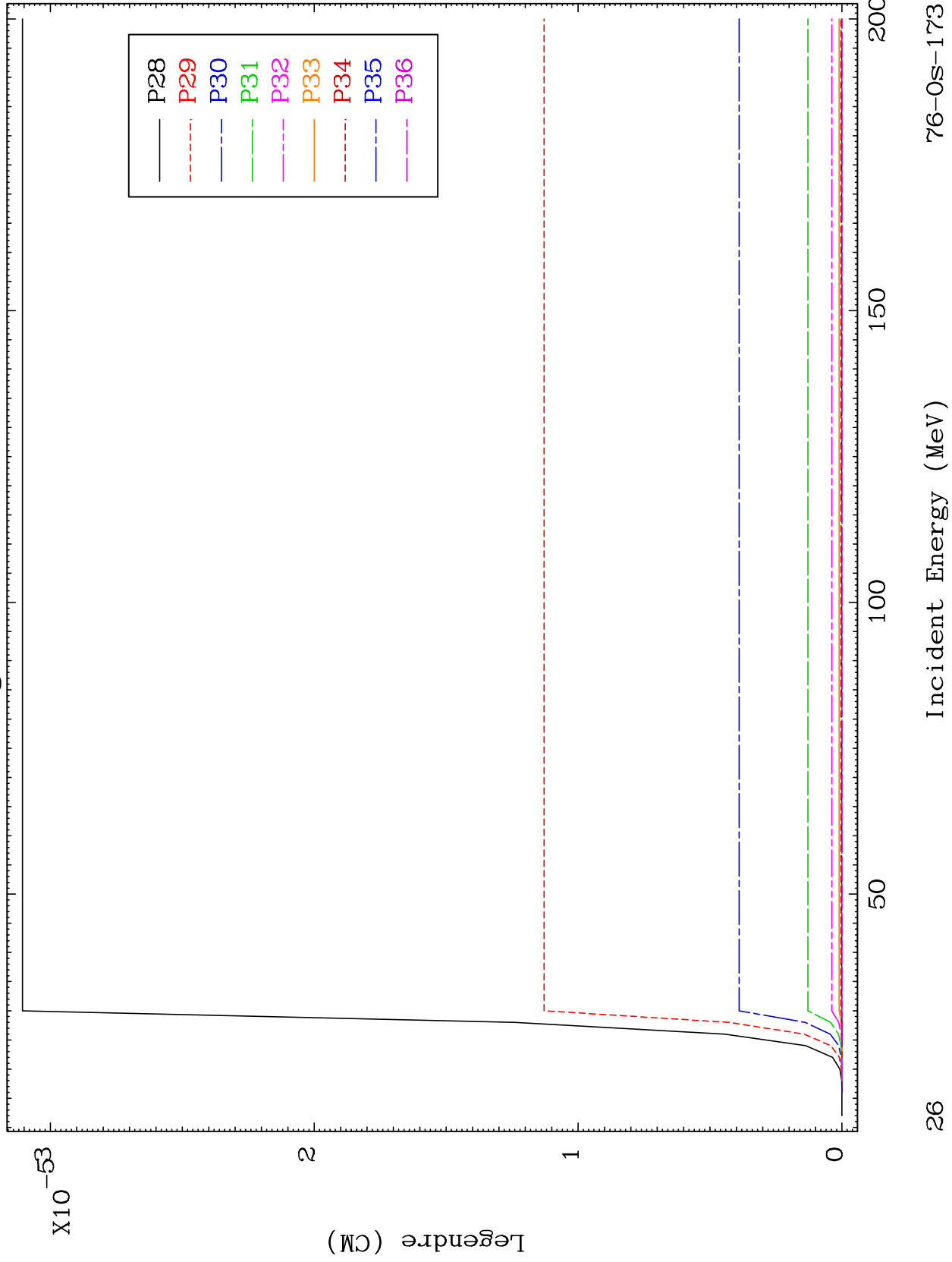
Incident Energy (MeV)

76-0s-173

MAT 7592

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

76-Os-173



26

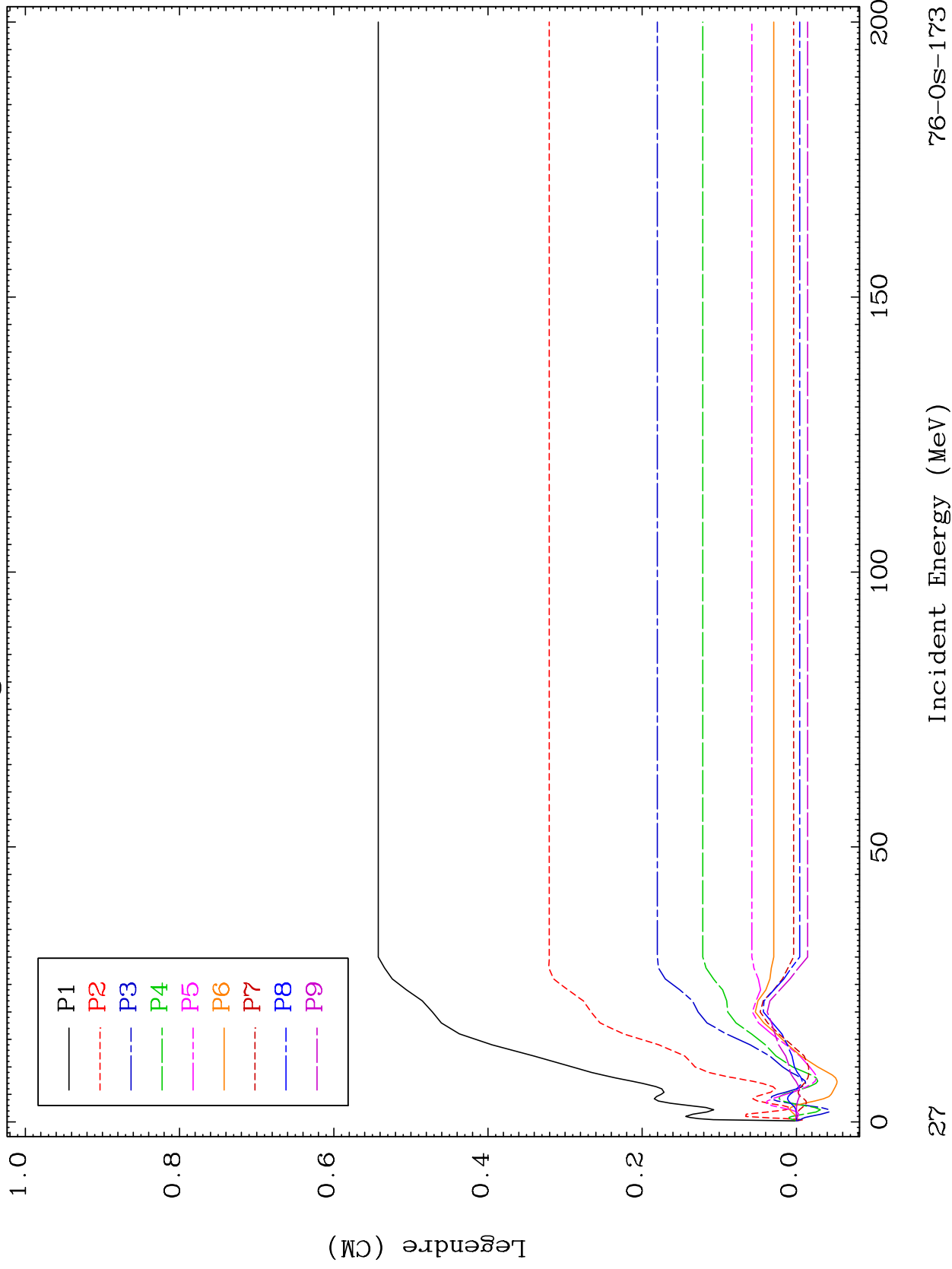
Incident Energy (MeV)

76-Os-173

MAT 7592

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

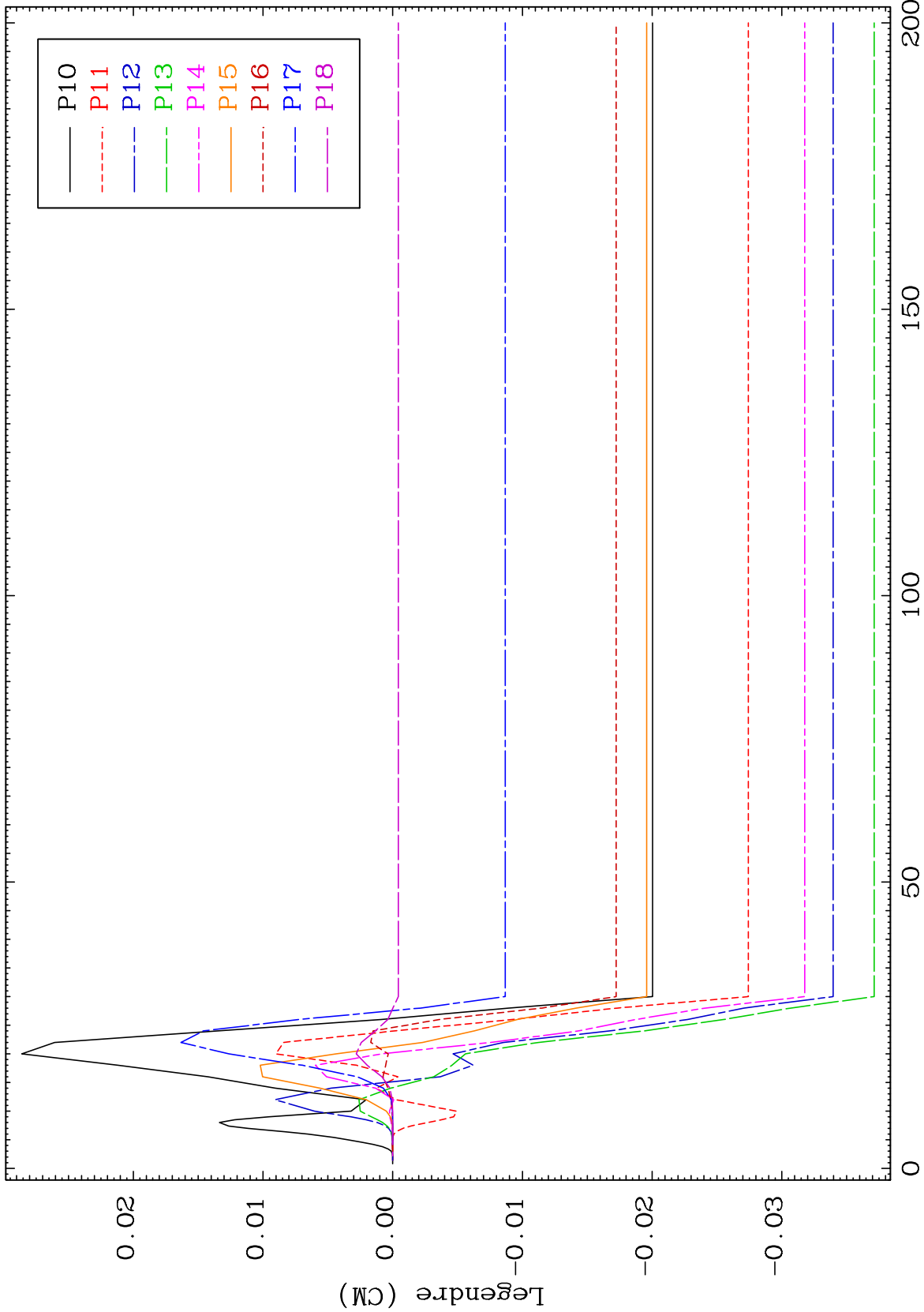
76-0s-173



MAT 7592

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

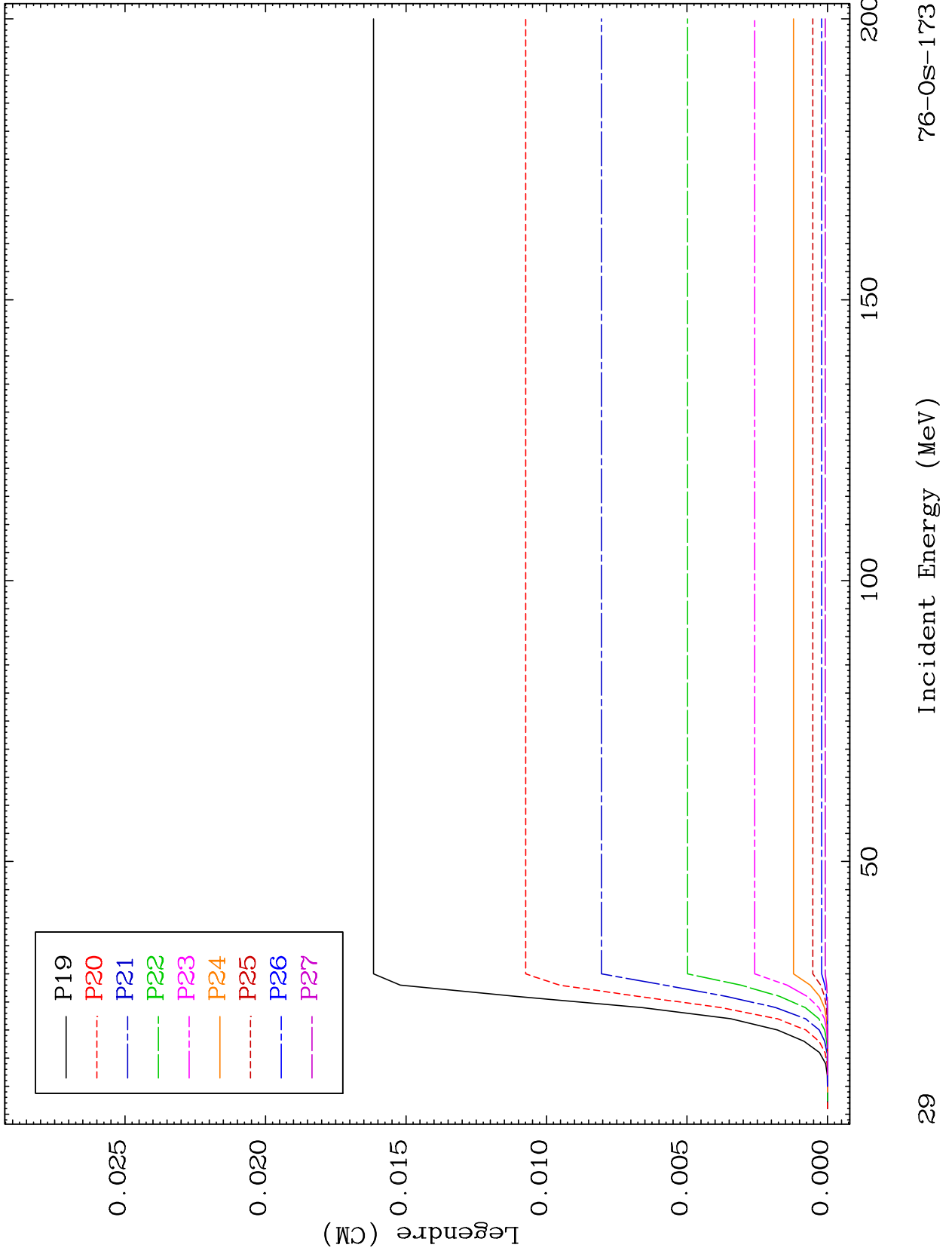
76-Os-173



28

Incident Energy (MeV)

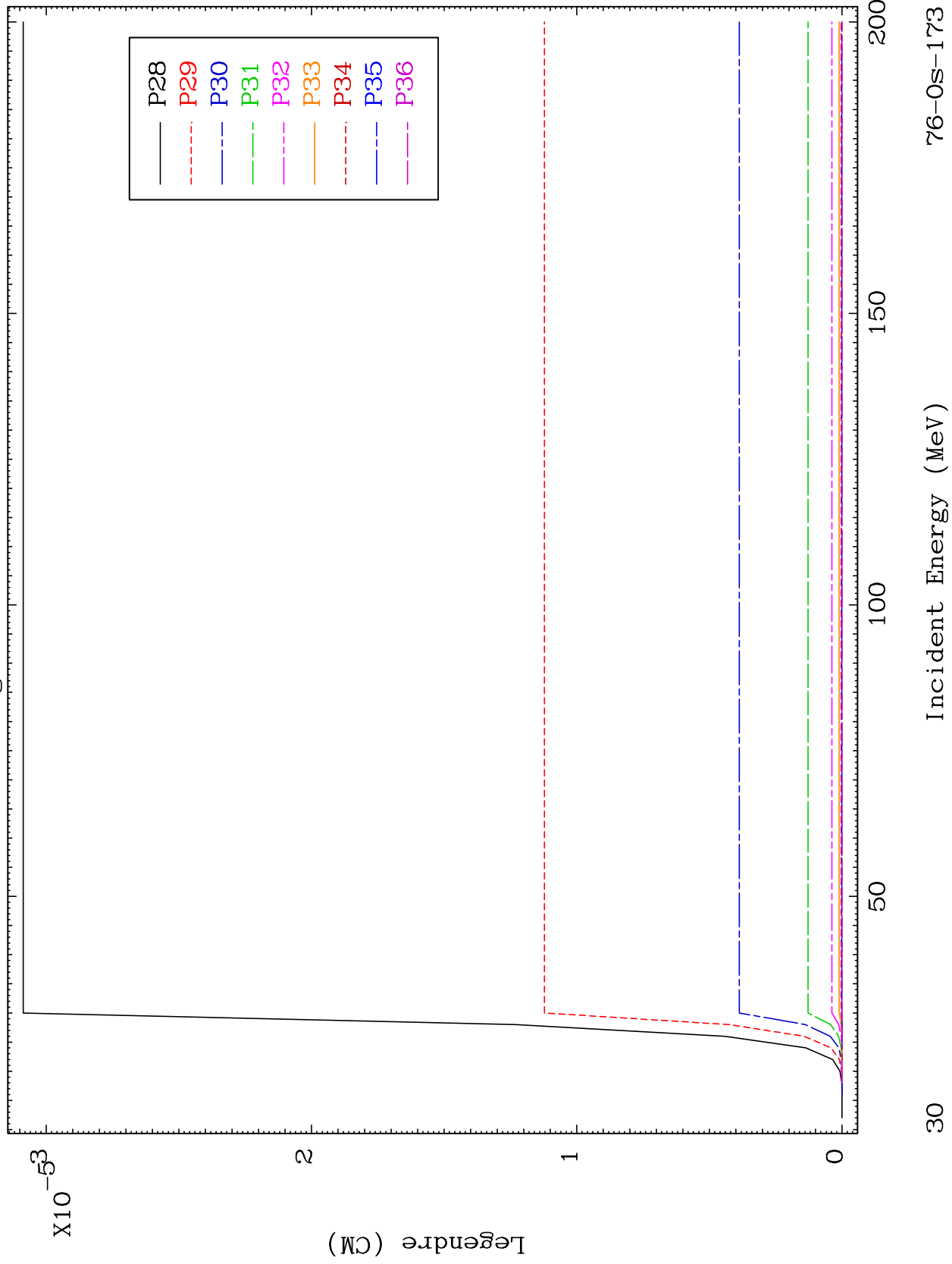
76-Os-173



MAT 7592

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

76-Os-173



30

50

100

150

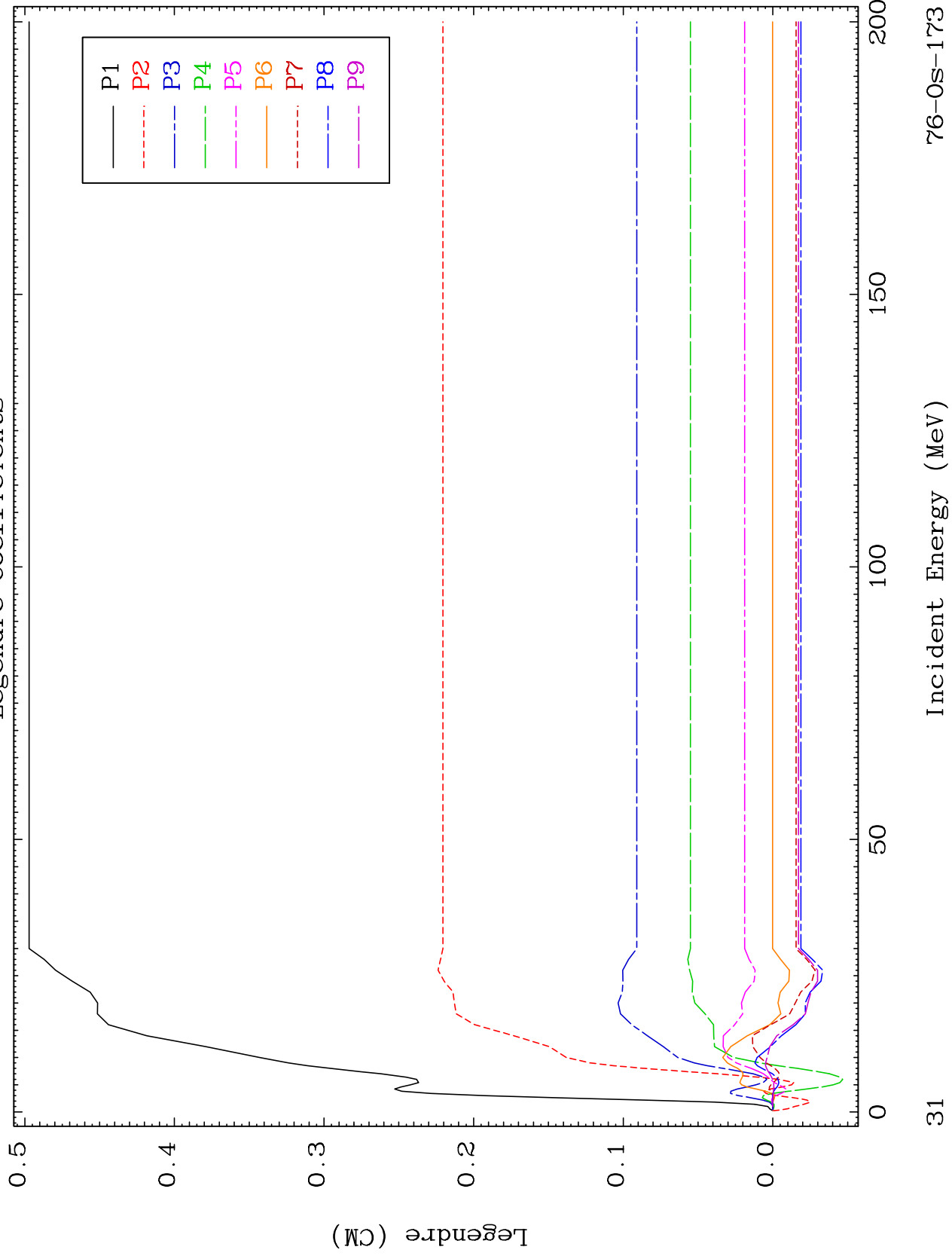
200

76-Os-173

MAT 7592

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

76-Os-173



76-Os-173

Incident Energy (MeV)

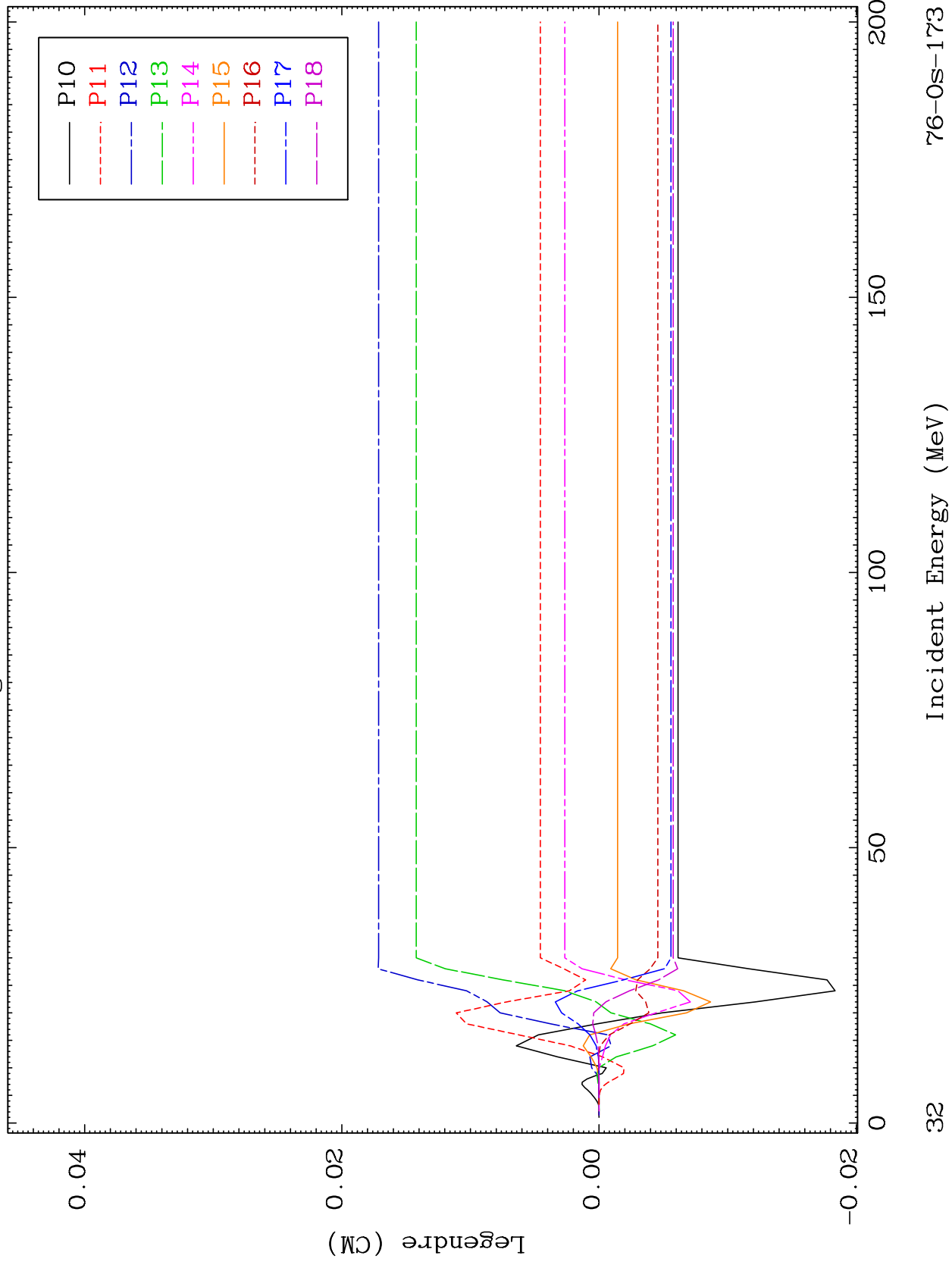
31



MAT 7592

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

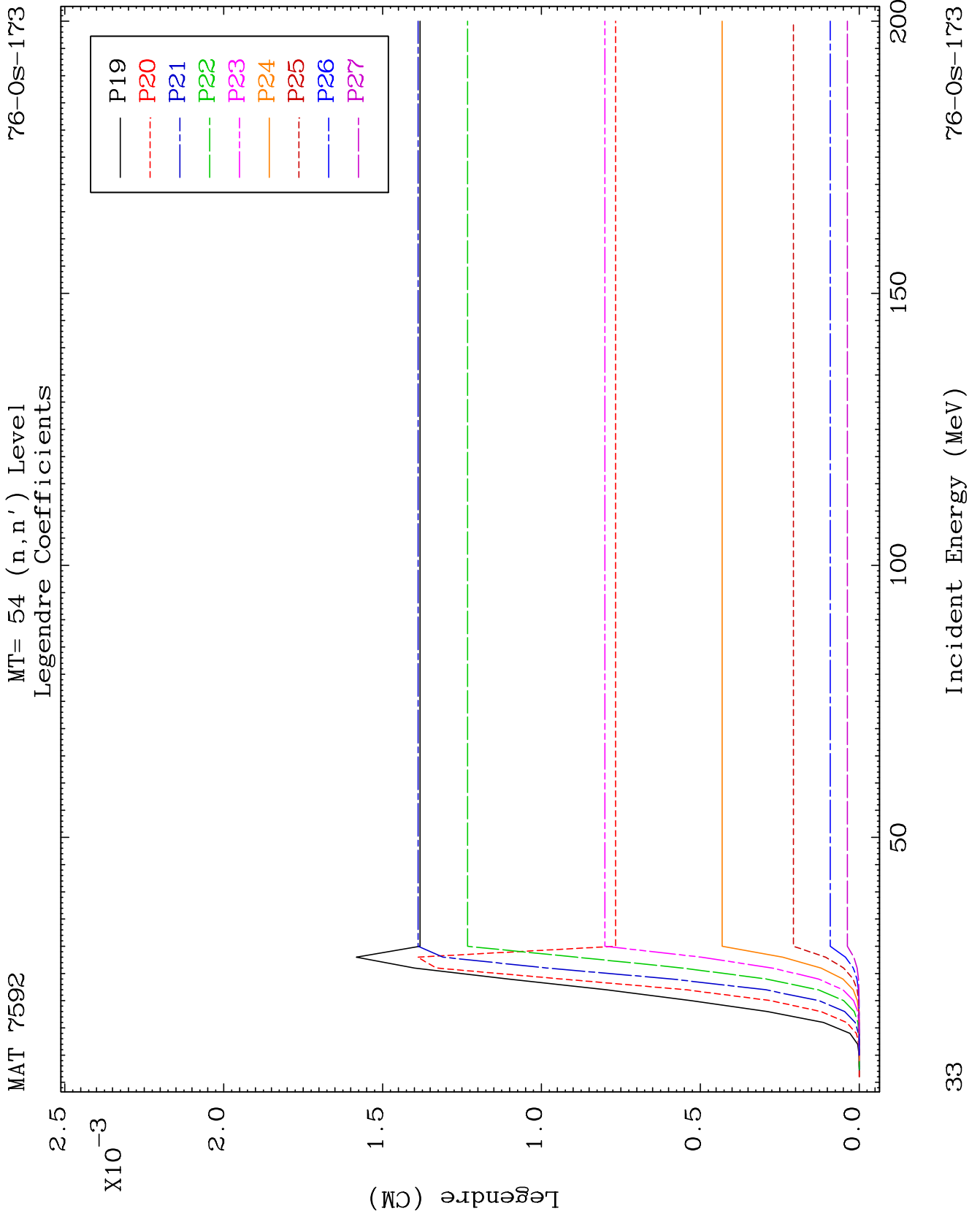
76-Os-173

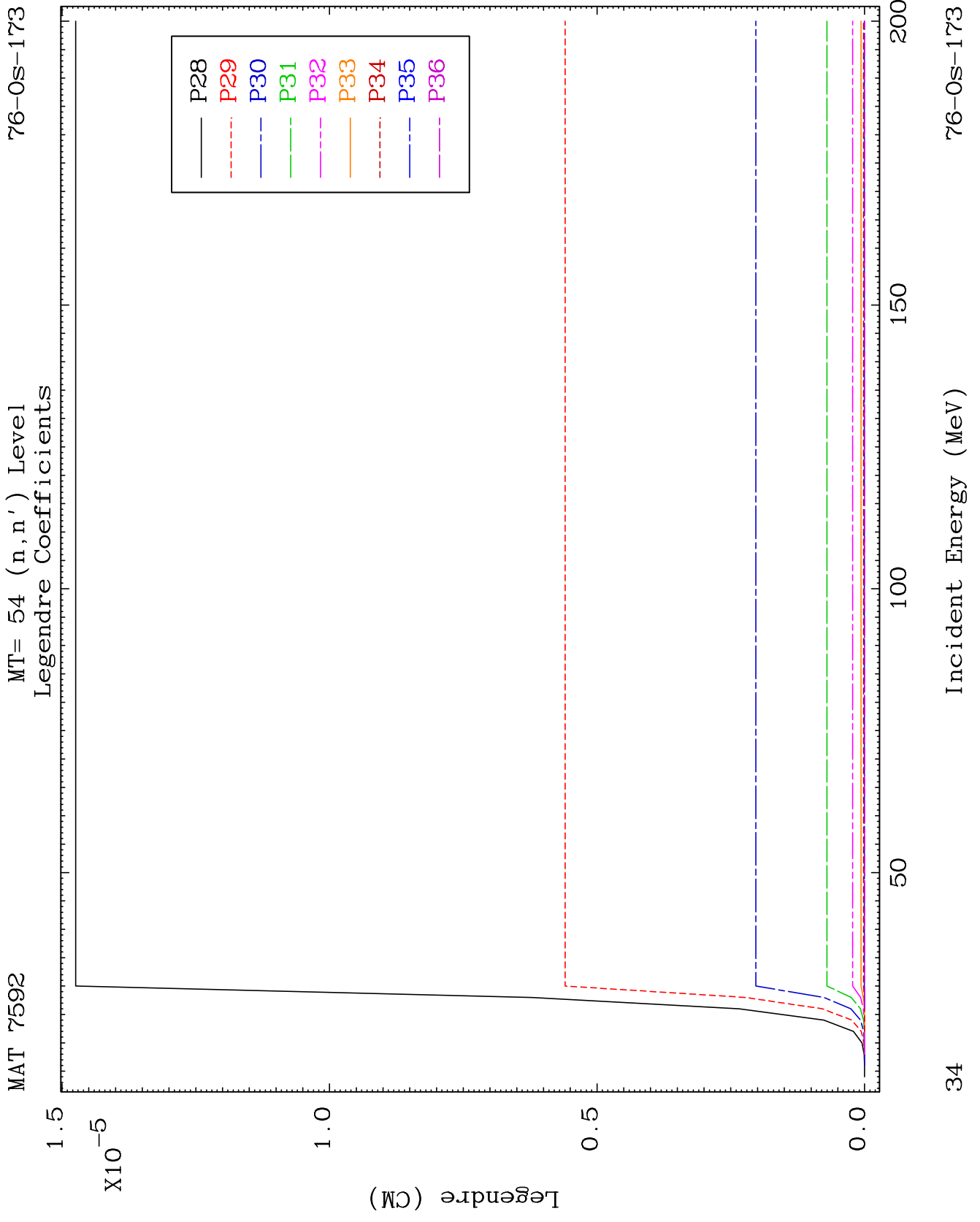


32

Incident Energy (MeV)

76-Os-173

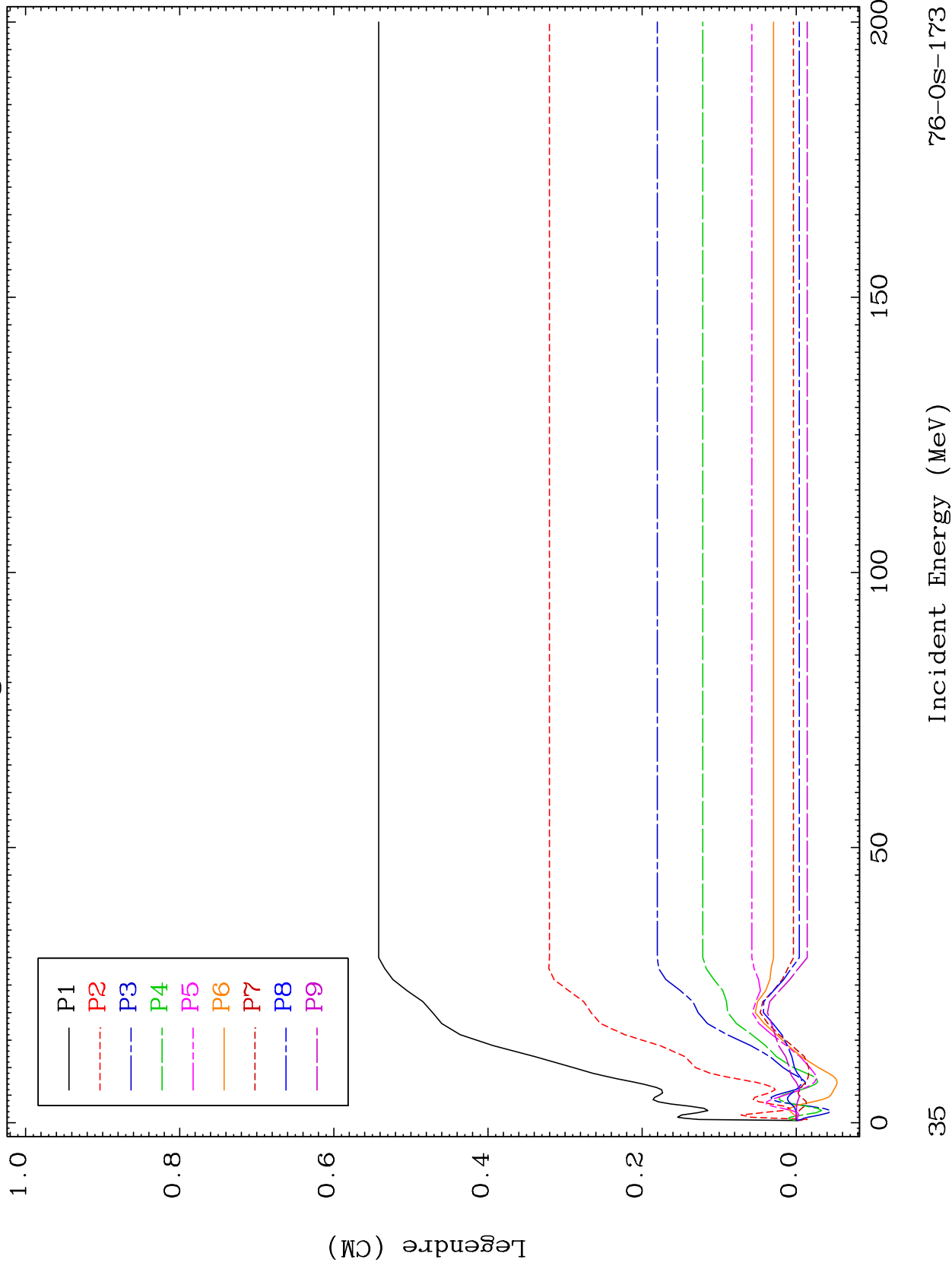




MAT 7592

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

76-Os-173



76-Os-173

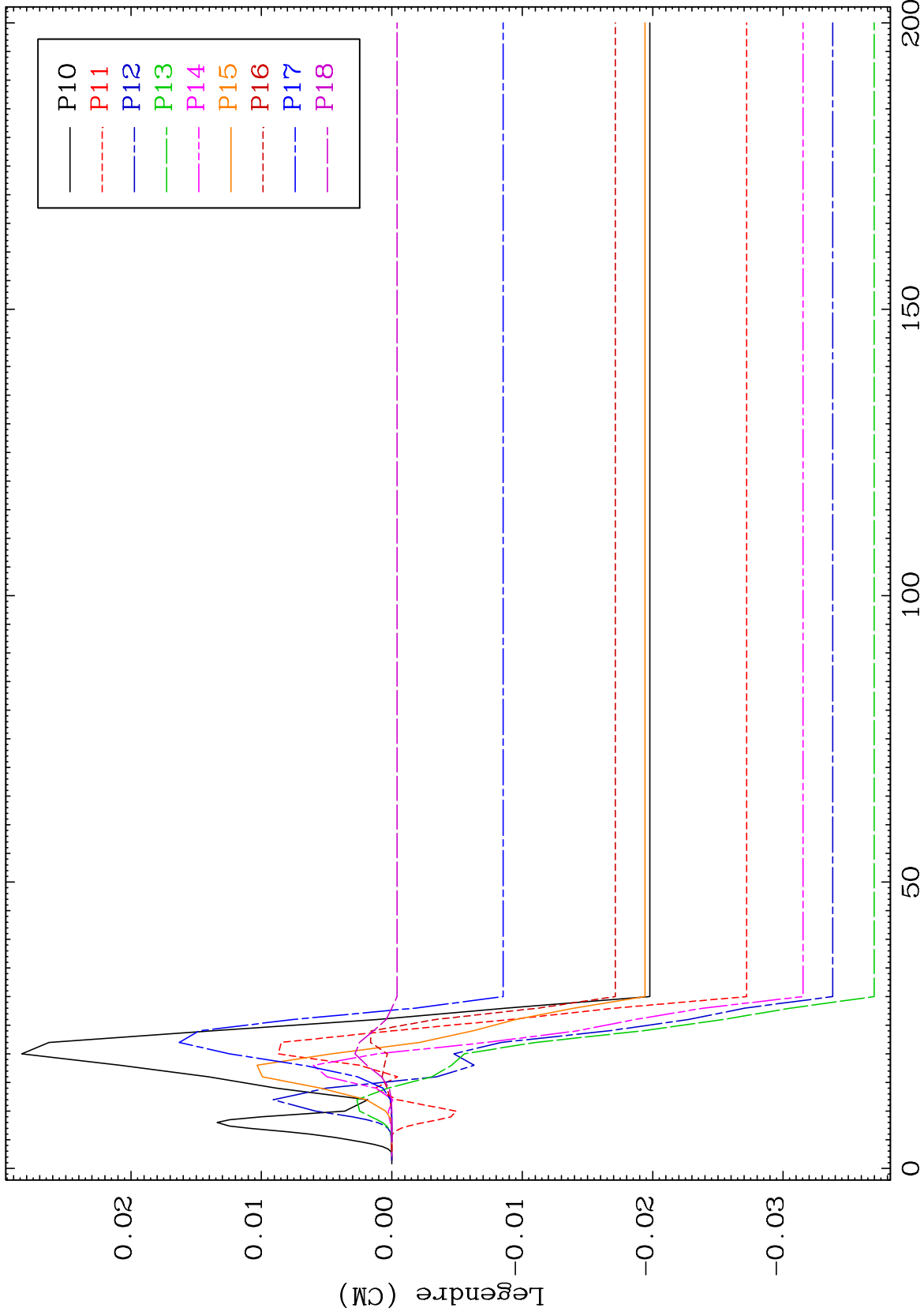
Incident Energy (MeV)

35

MAT 7592

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

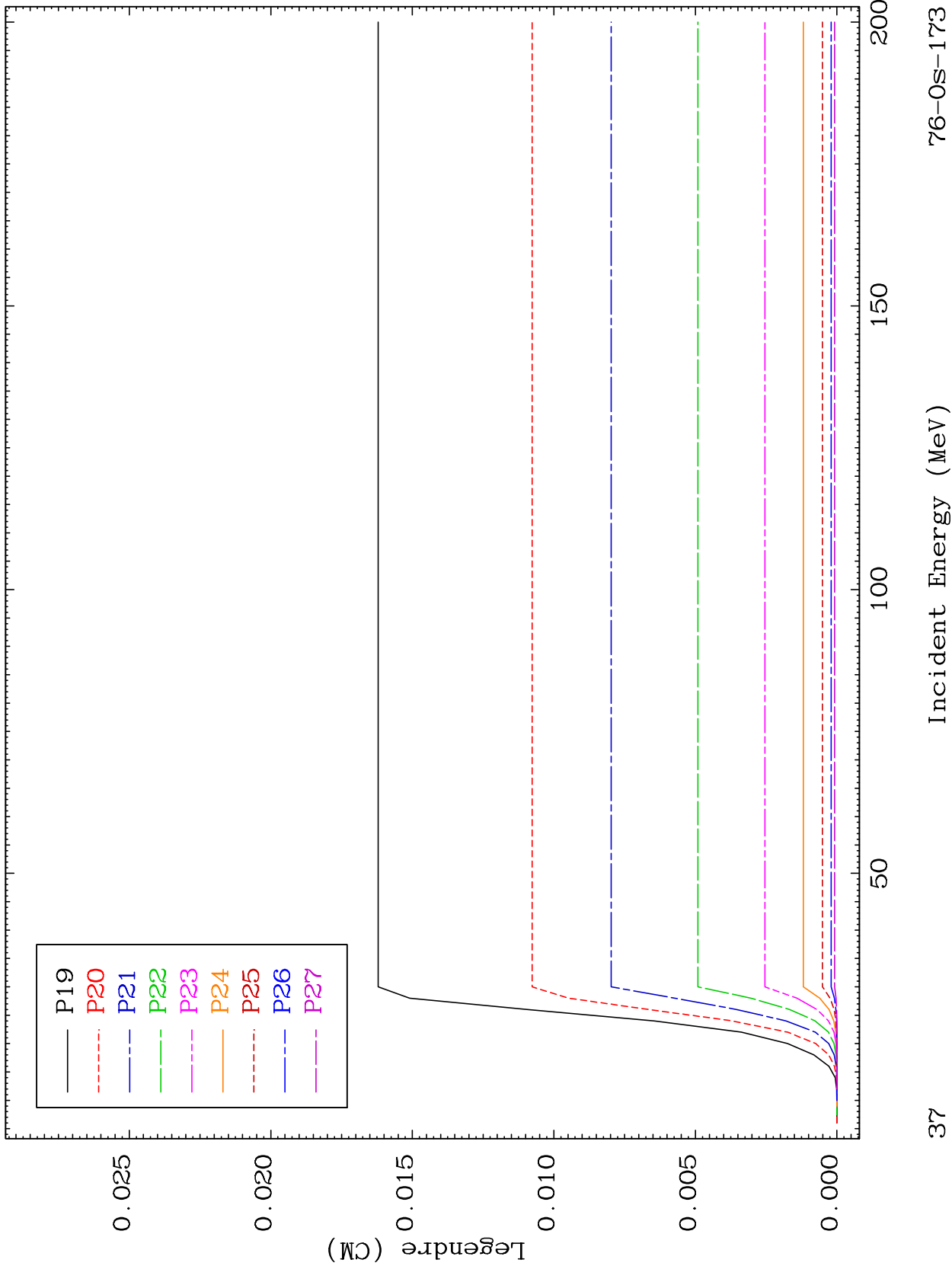
76-Os-173



36

Incident Energy (MeV)

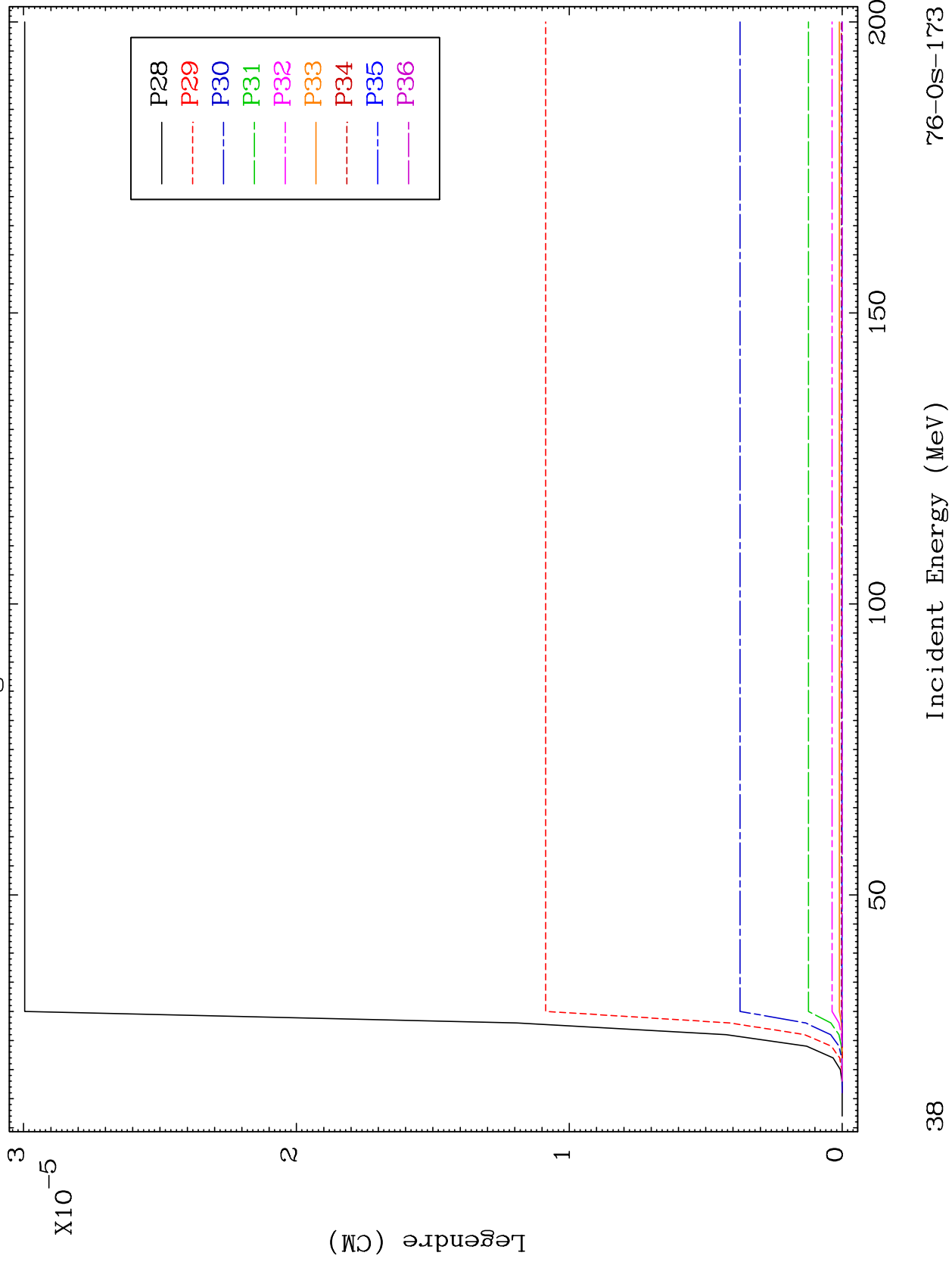
76-Os-173



MAT 7592

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

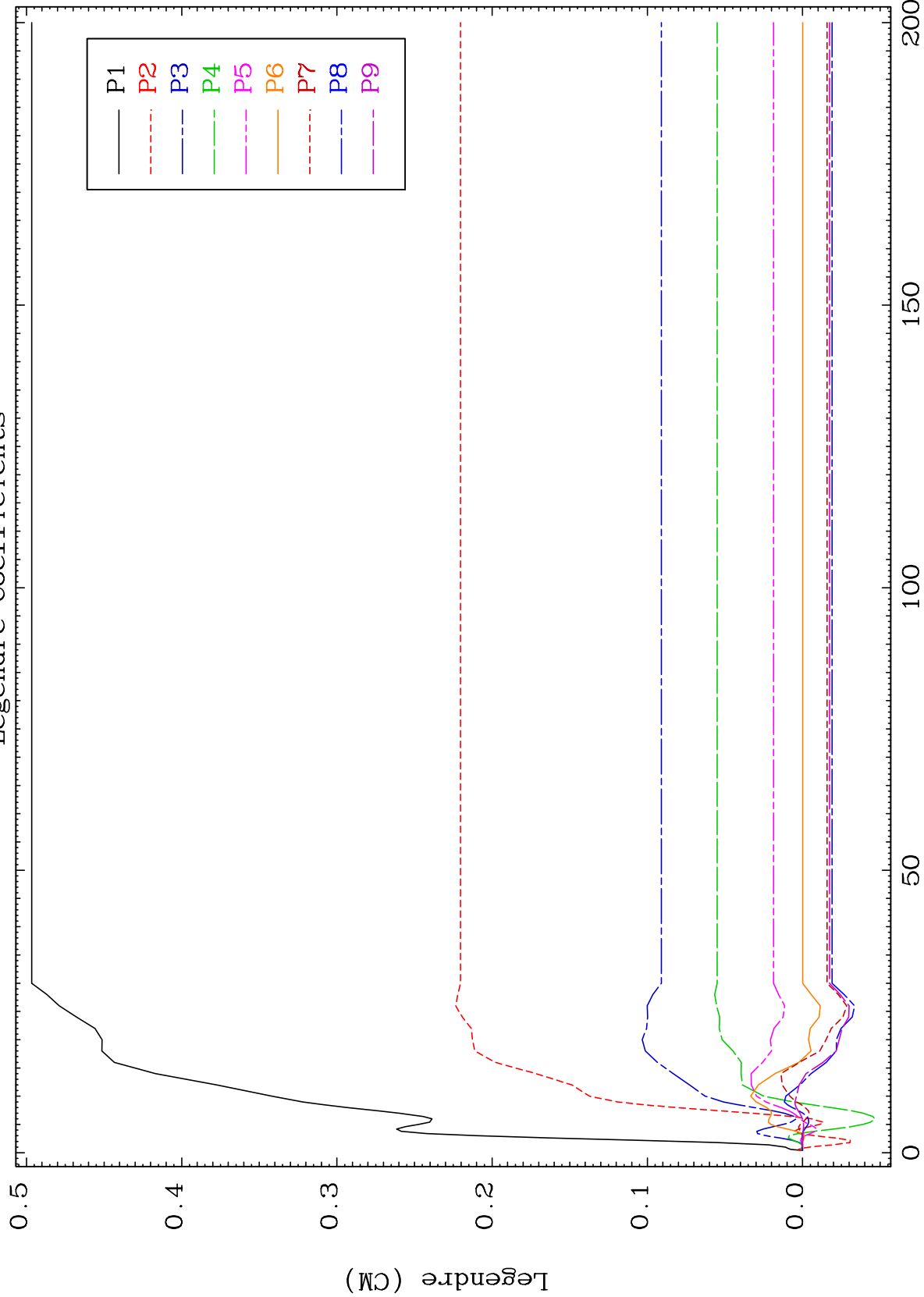
76-Os-173



MAT 7592

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

76-Os-173



39

Incident Energy (MeV)

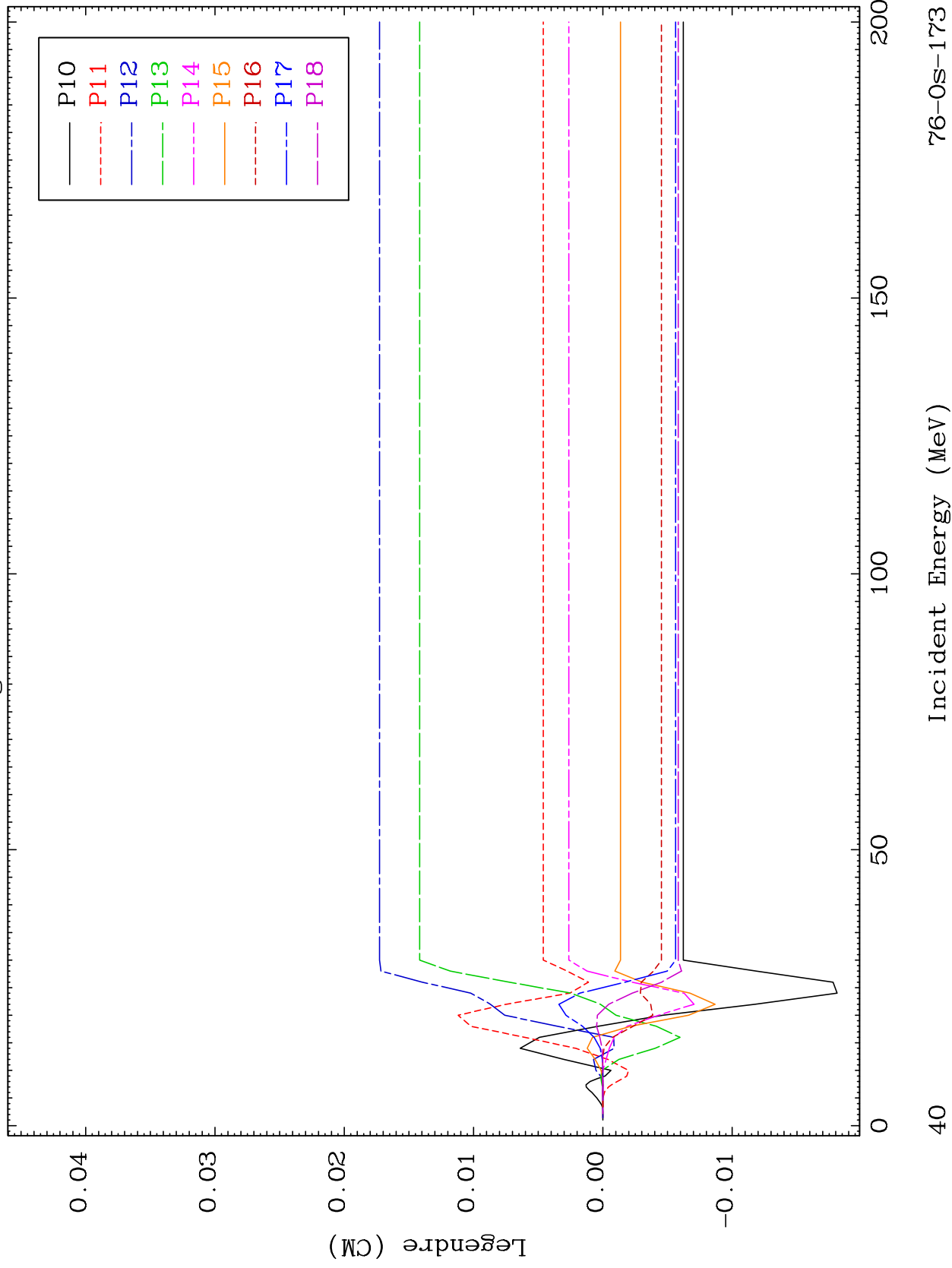
76-Os-173



MAT 7592

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

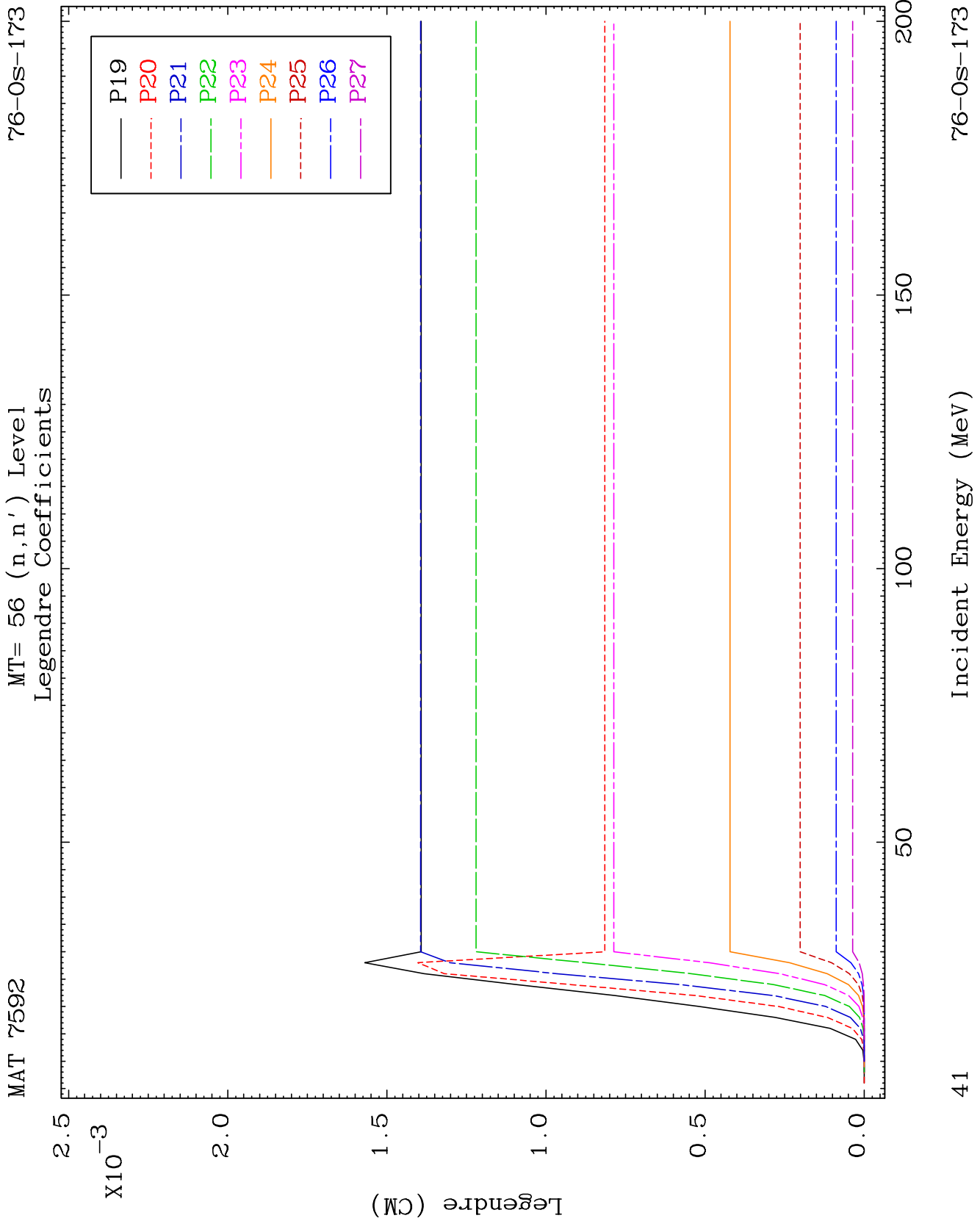
76-Os-173



76-Os-173

Incident Energy (MeV)

40

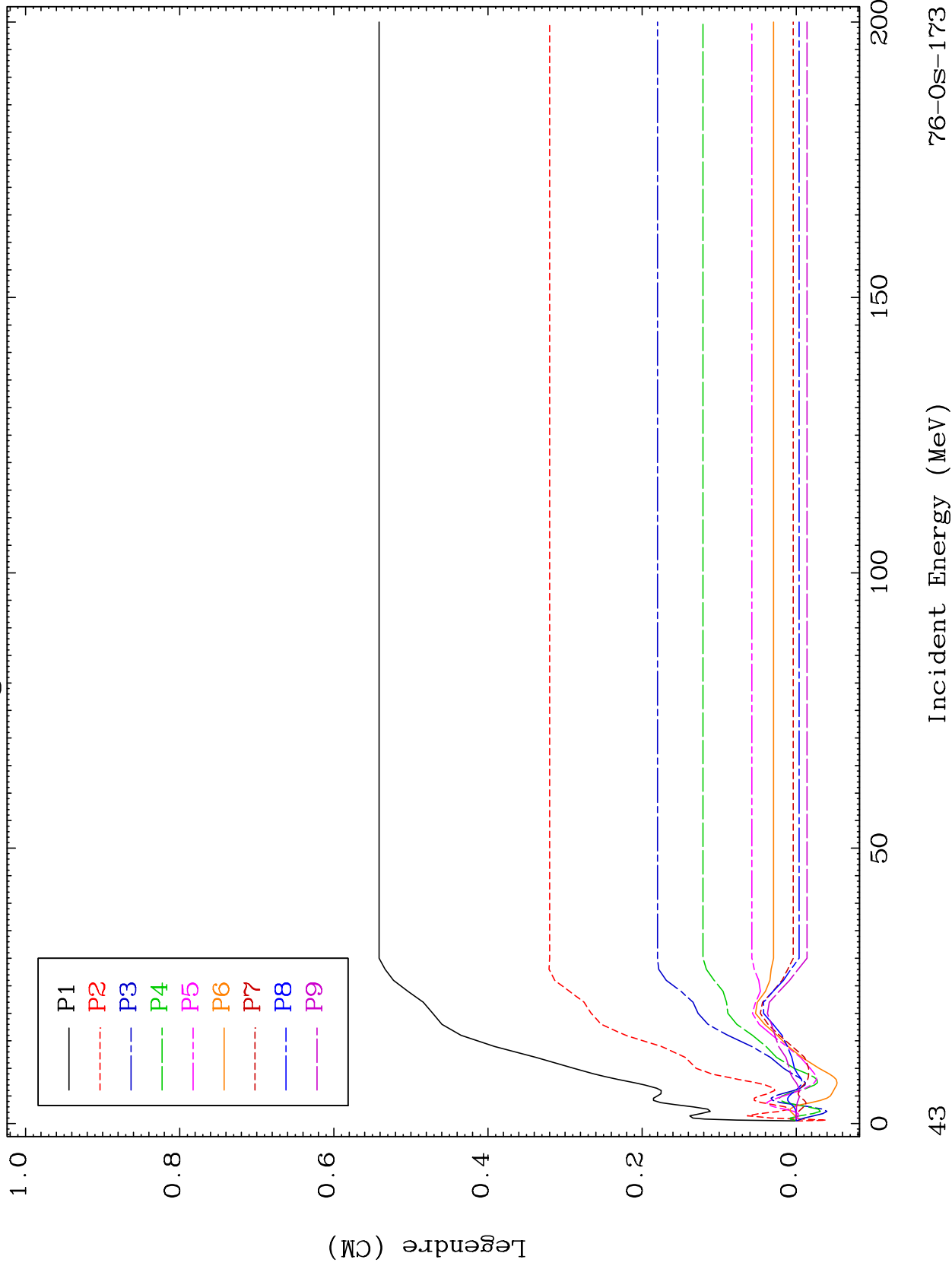




MAT 7592

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

76-Os-173



76-Os-173

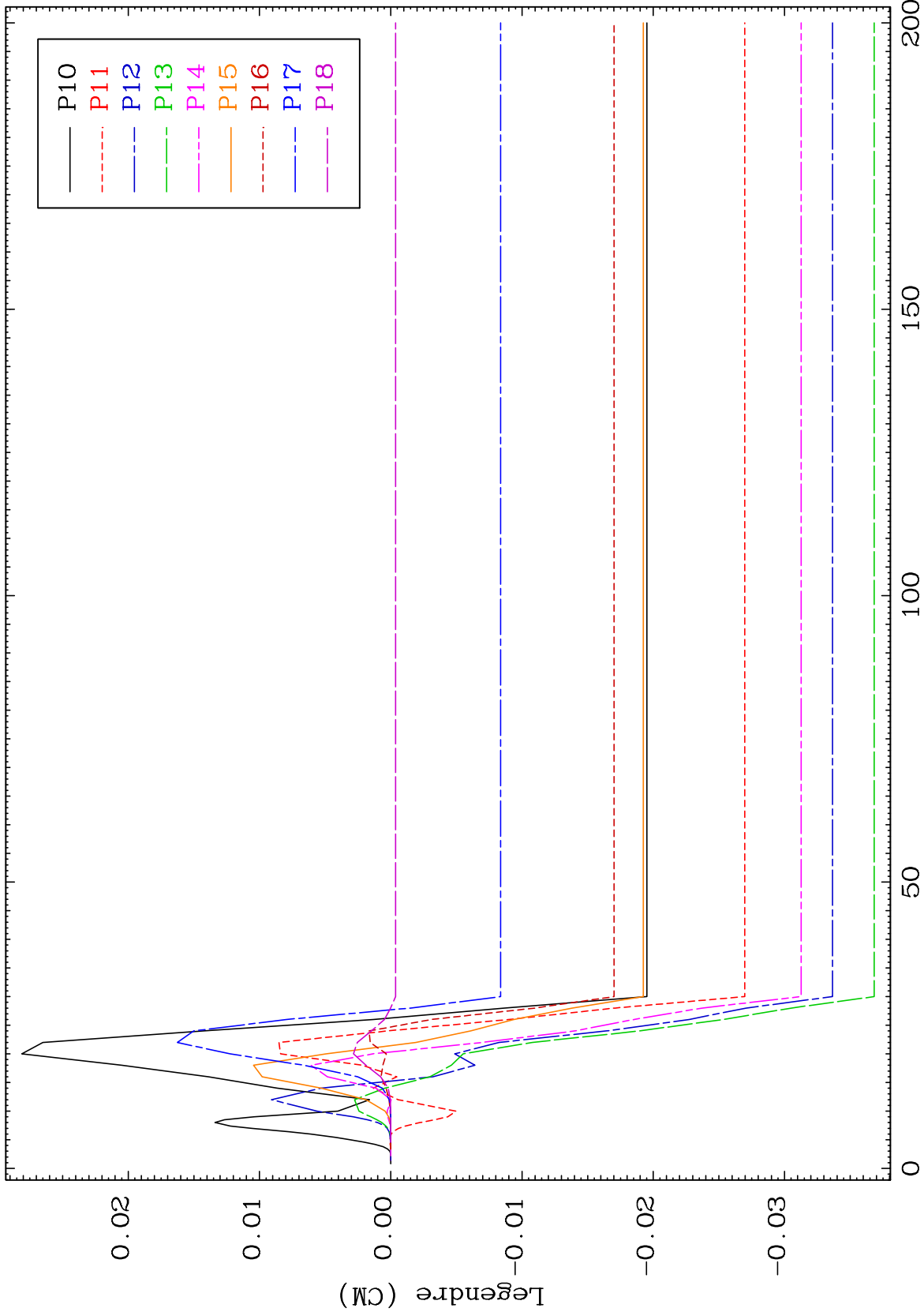
Incident Energy (MeV)

43

MAT 7592

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

76-Os-173



44

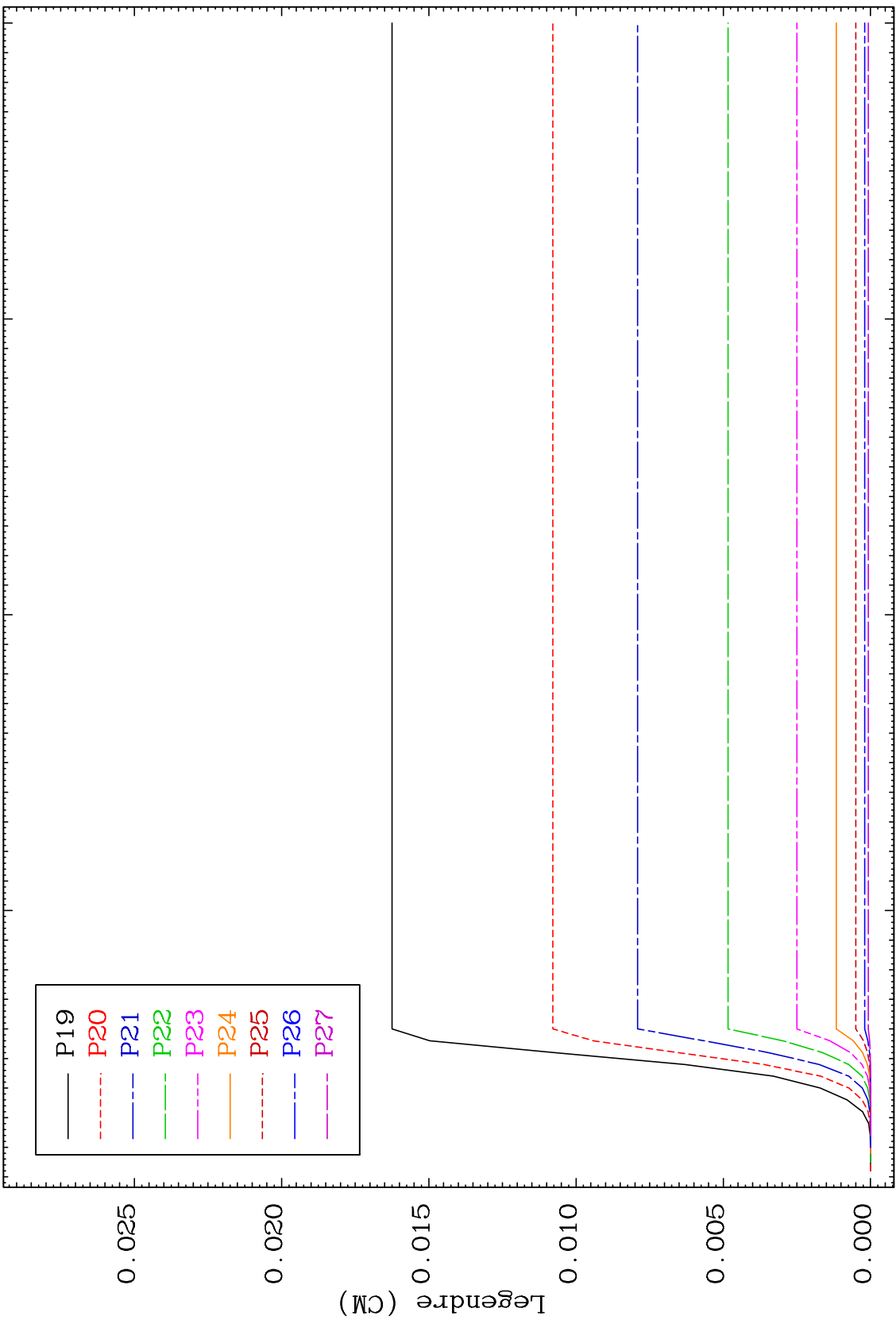
Incident Energy (MeV)

76-Os-173

MAT 7592

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

76-0s-173



45

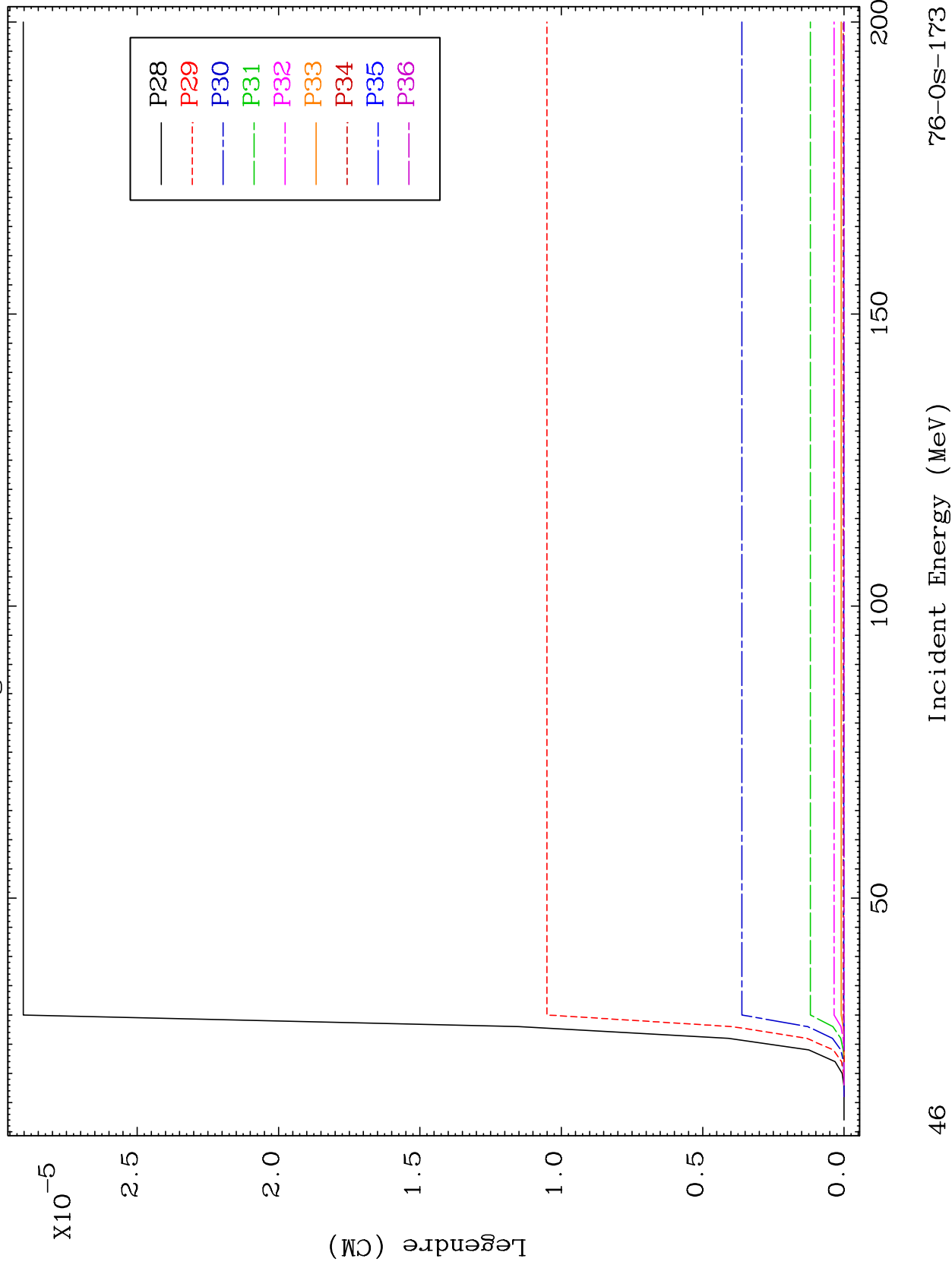
Incident Energy (MeV)

76-0s-173

MAT 7592

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

76-Os-173



46

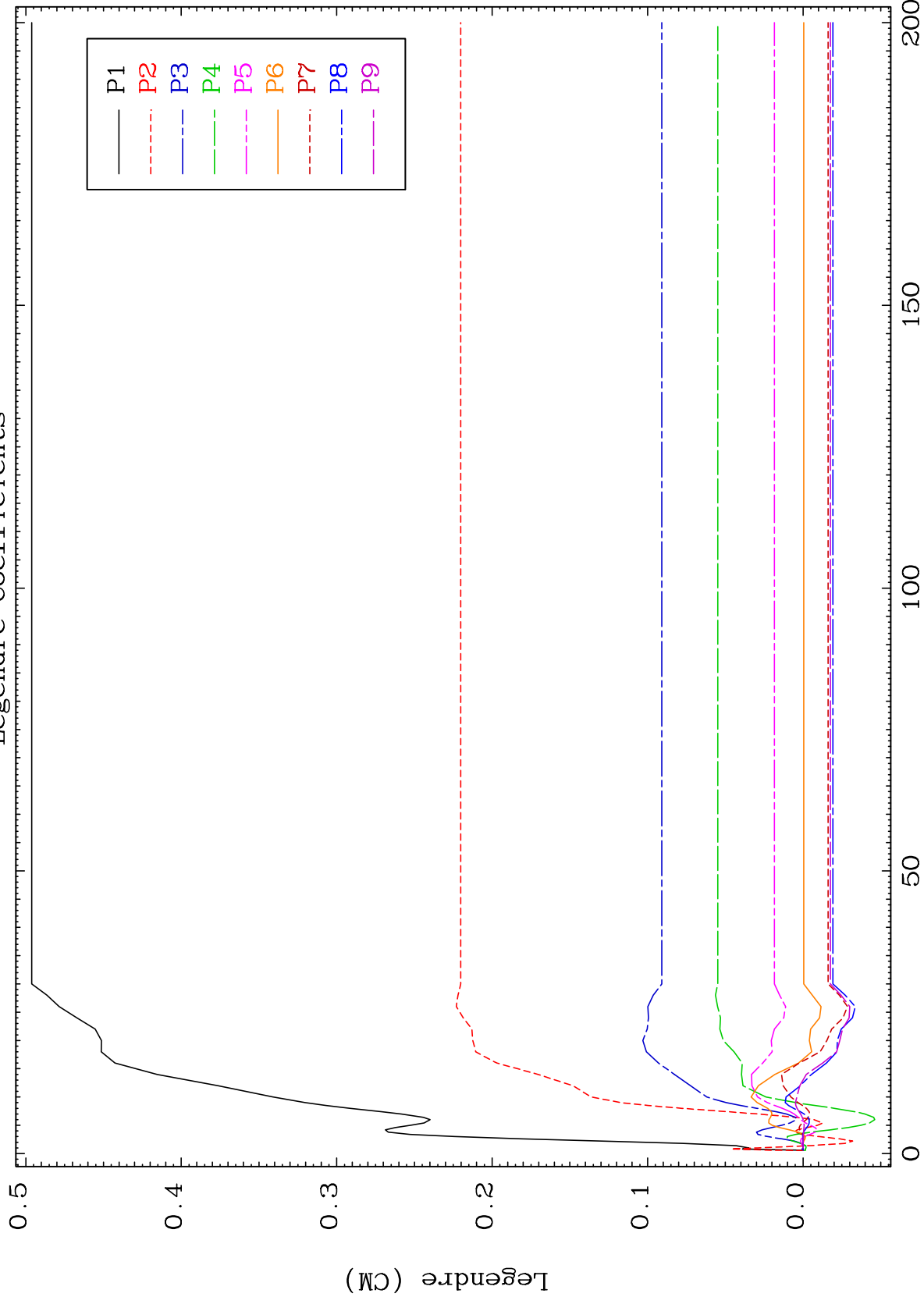
Incident Energy (MeV)

76-Os-173

MAT 7592

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

76-Os-173



47

Incident Energy (MeV)

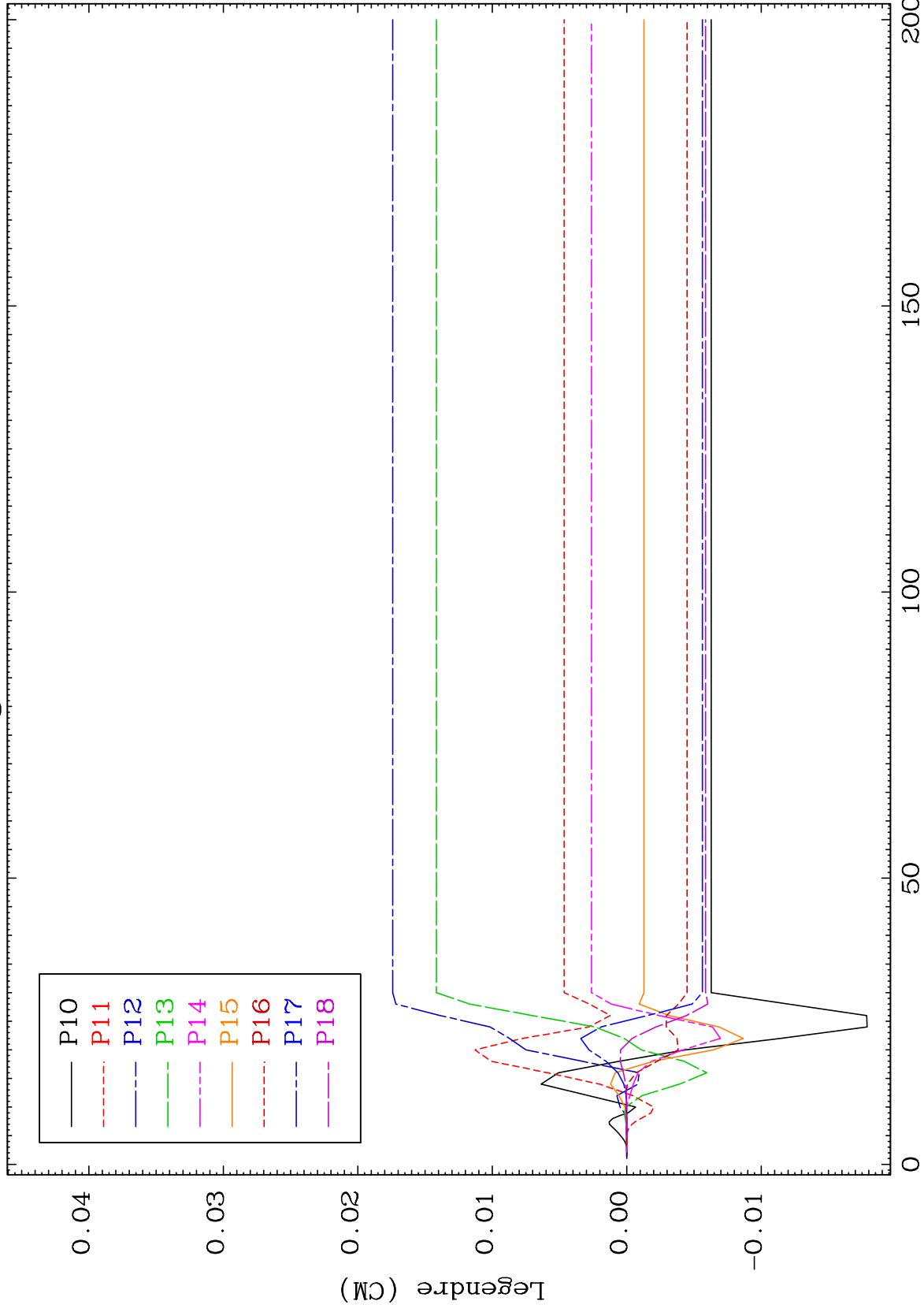
76-Os-173



MAT 7592

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

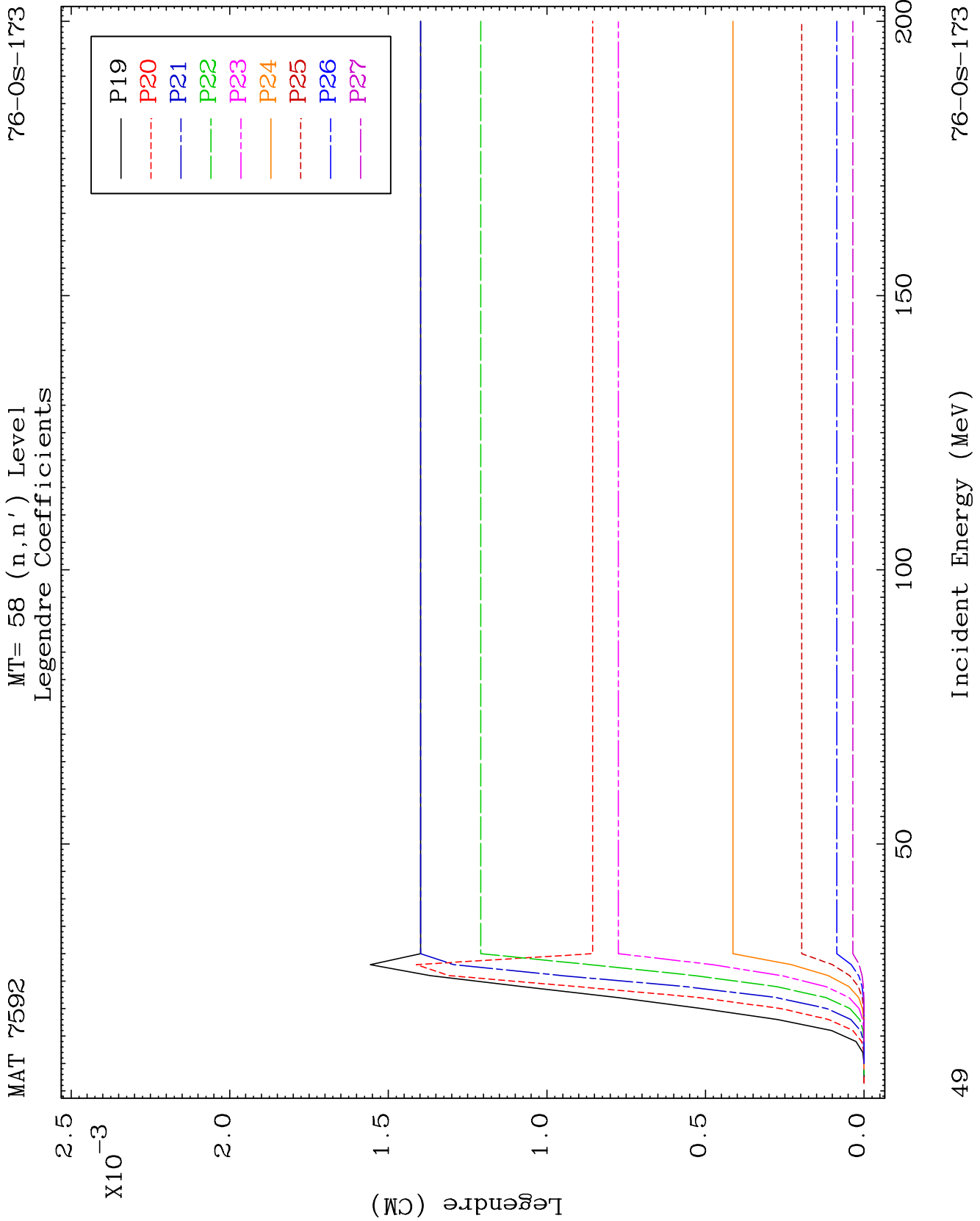
76-0s-173



48

Incident Energy (MeV)

76-0s-173

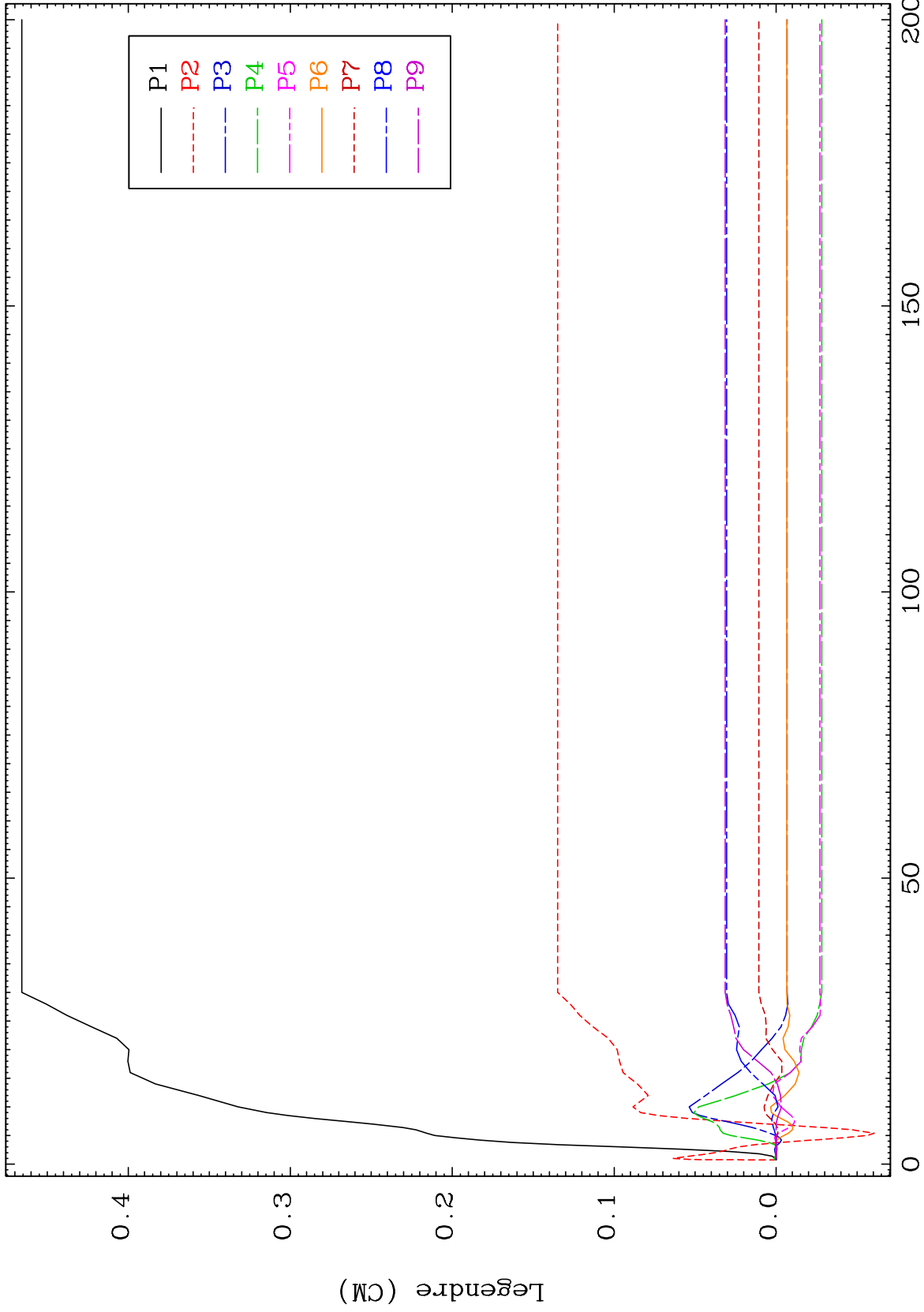




MAT 7592

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

76-Os-173



51

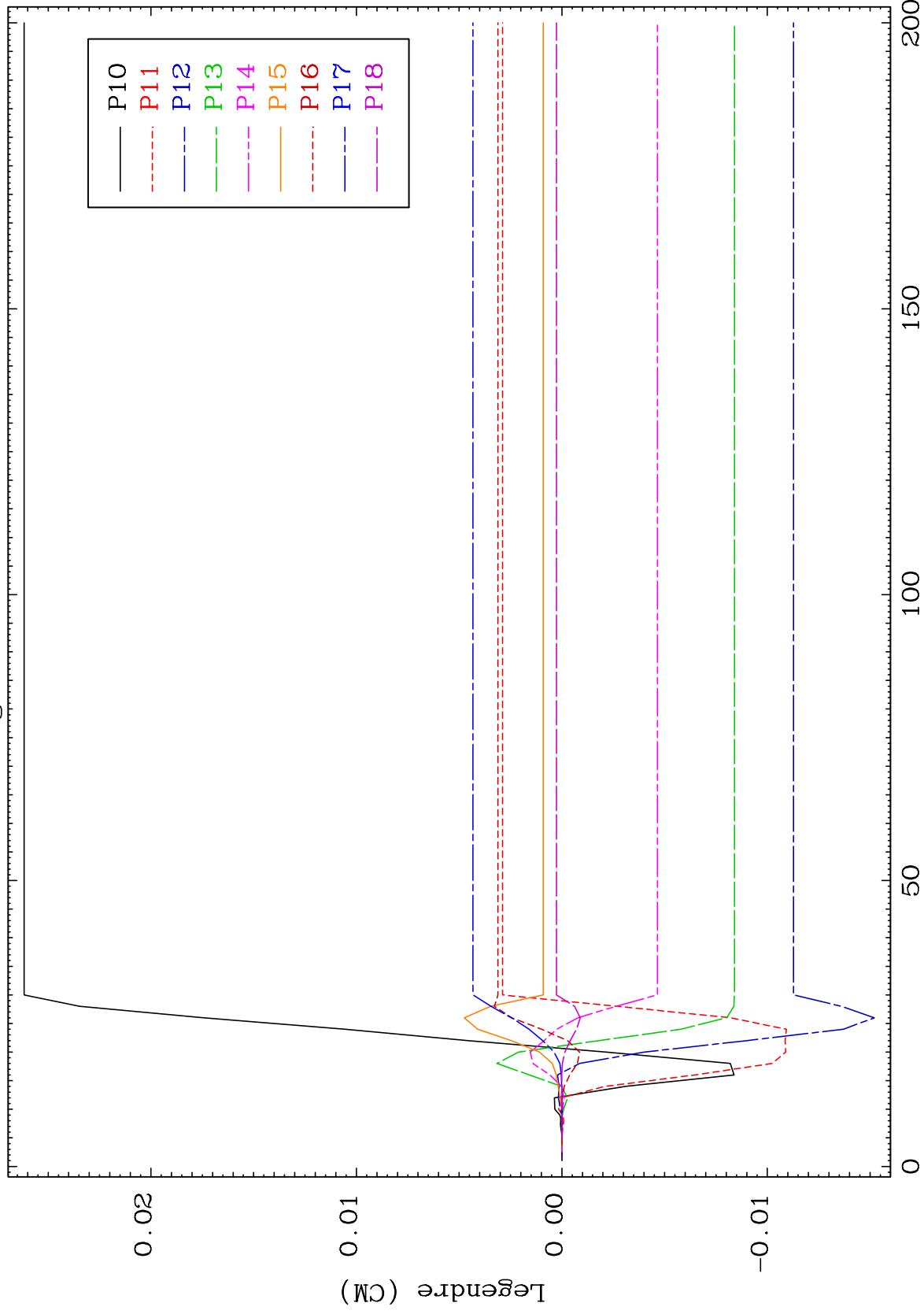
Incident Energy (MeV)

76-Os-173

MAT 7592

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

76-Os-173



52

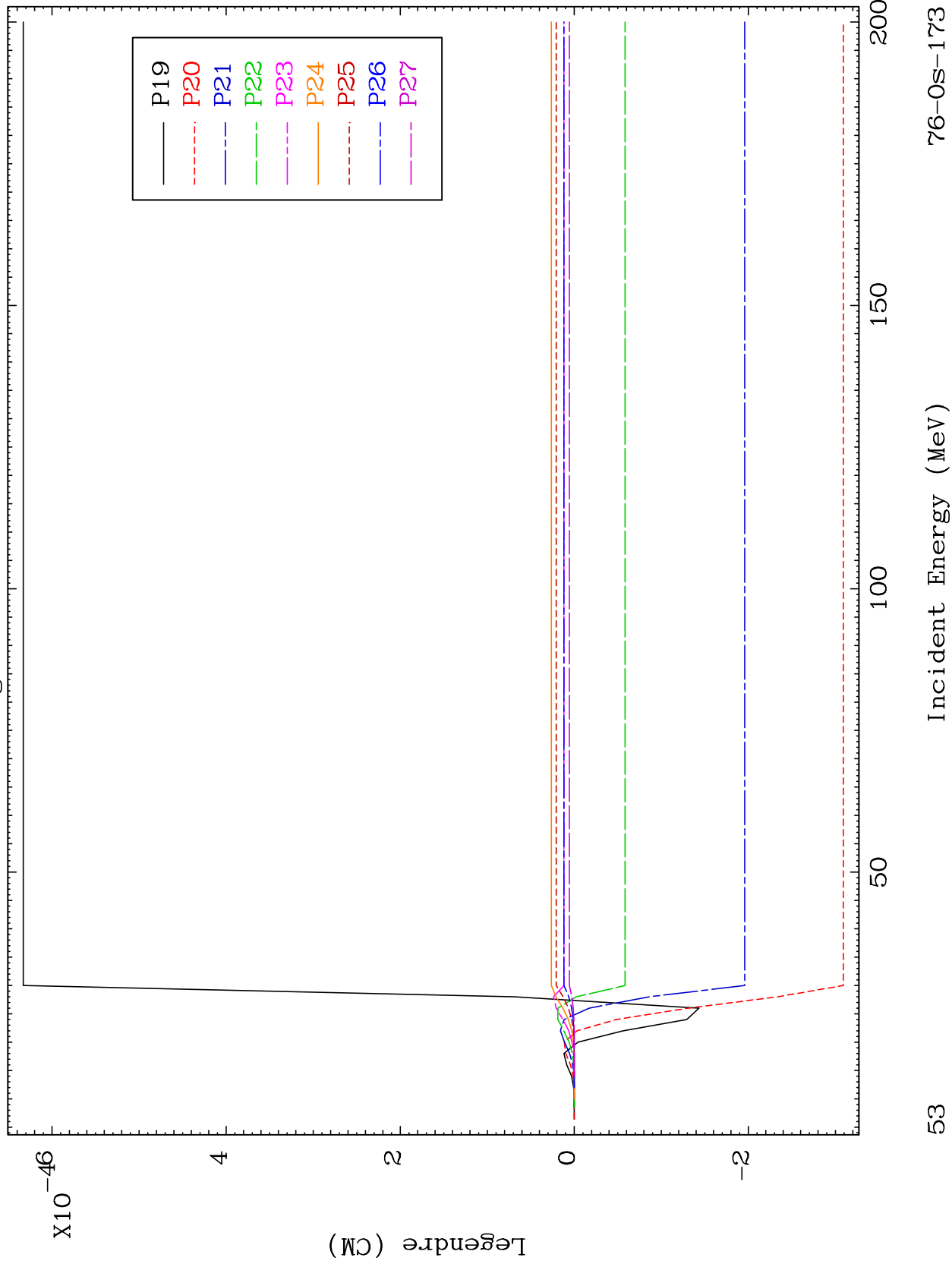
Incident Energy (MeV)

76-Os-173

MAT 7592

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

76-Os-173



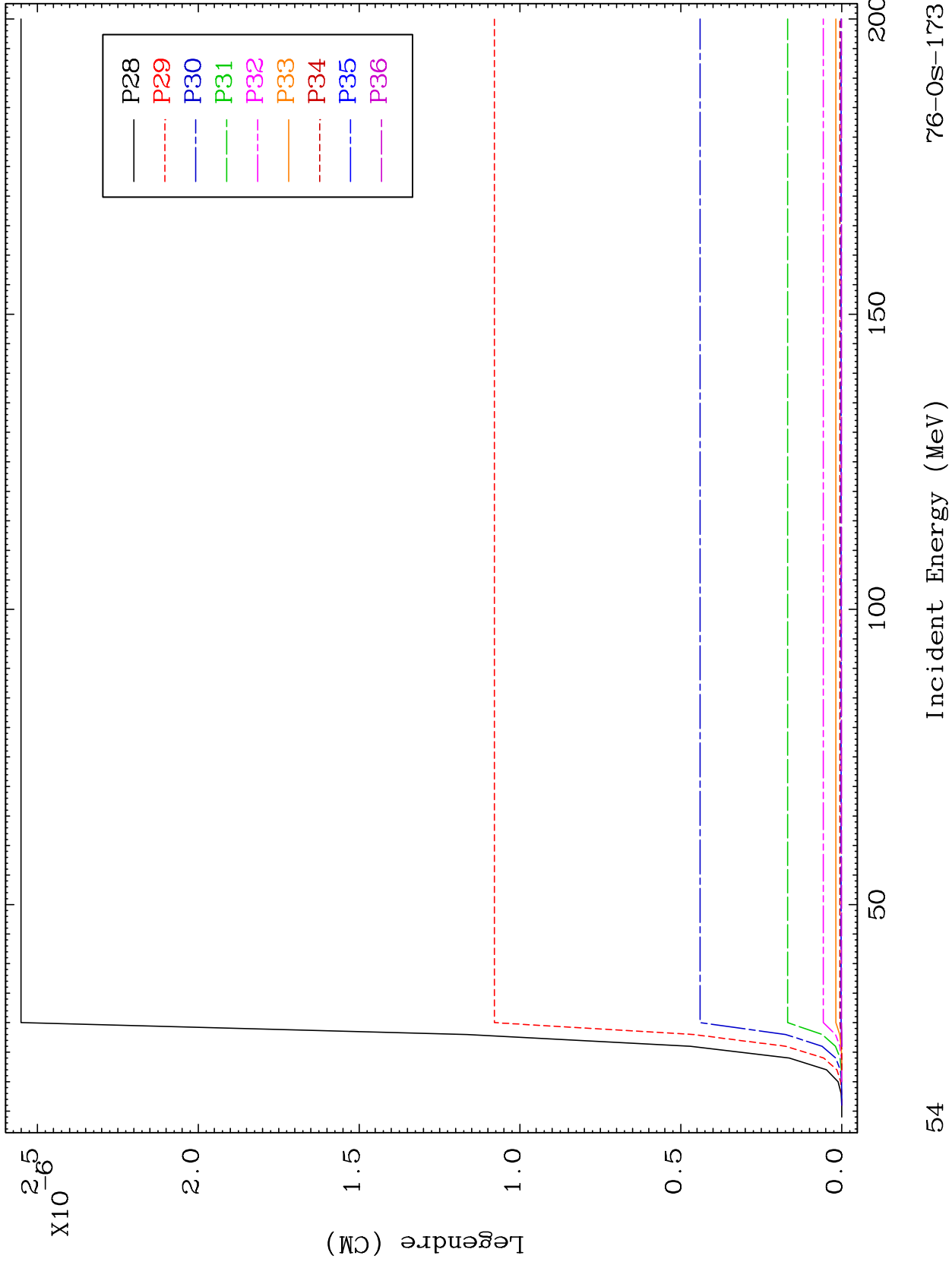
53

76-Os-173

MAT 7592

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

76-Os-173



54

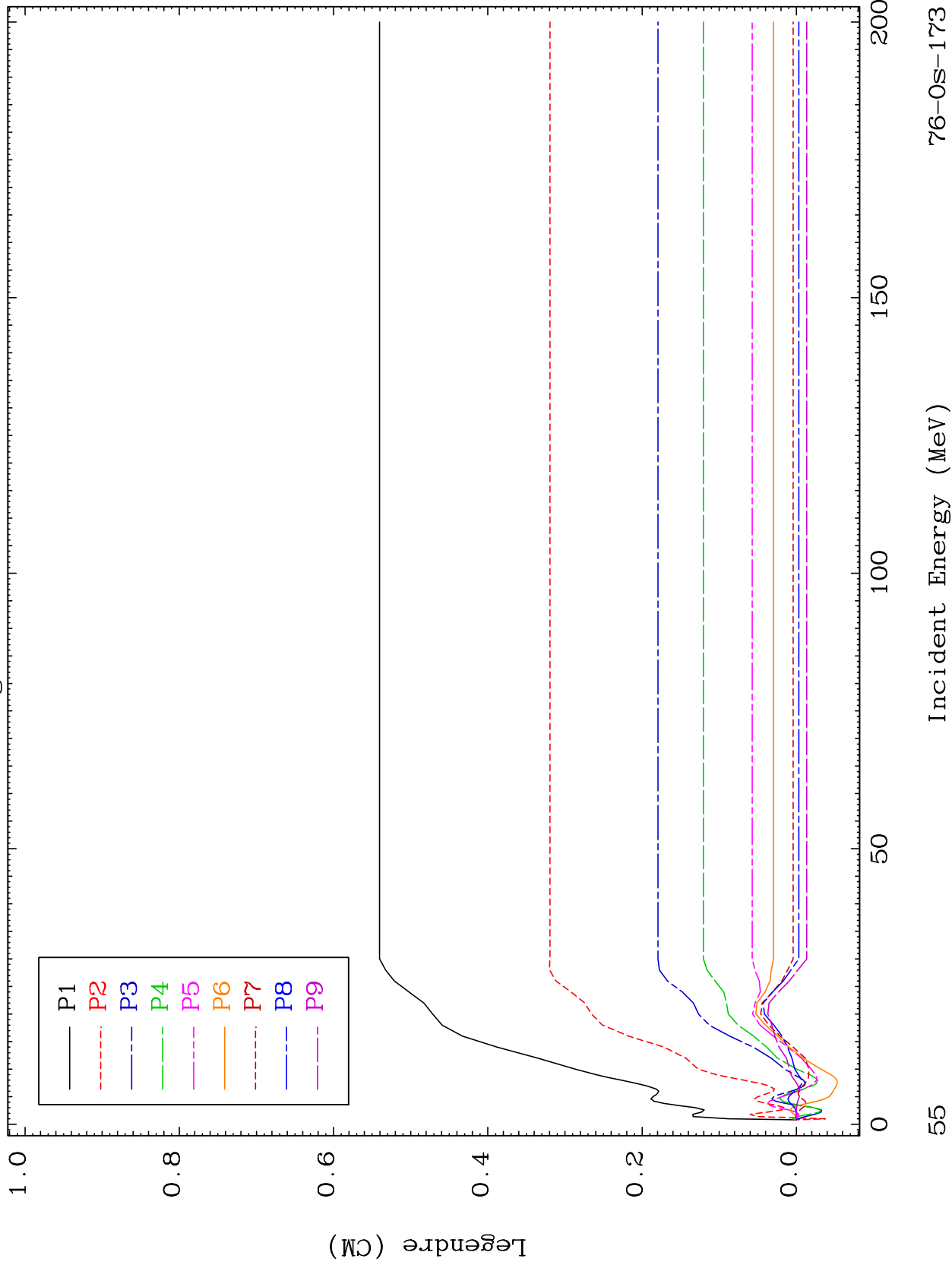
Incident Energy (MeV)

76-Os-173

MAT 7592

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

76-Os-173

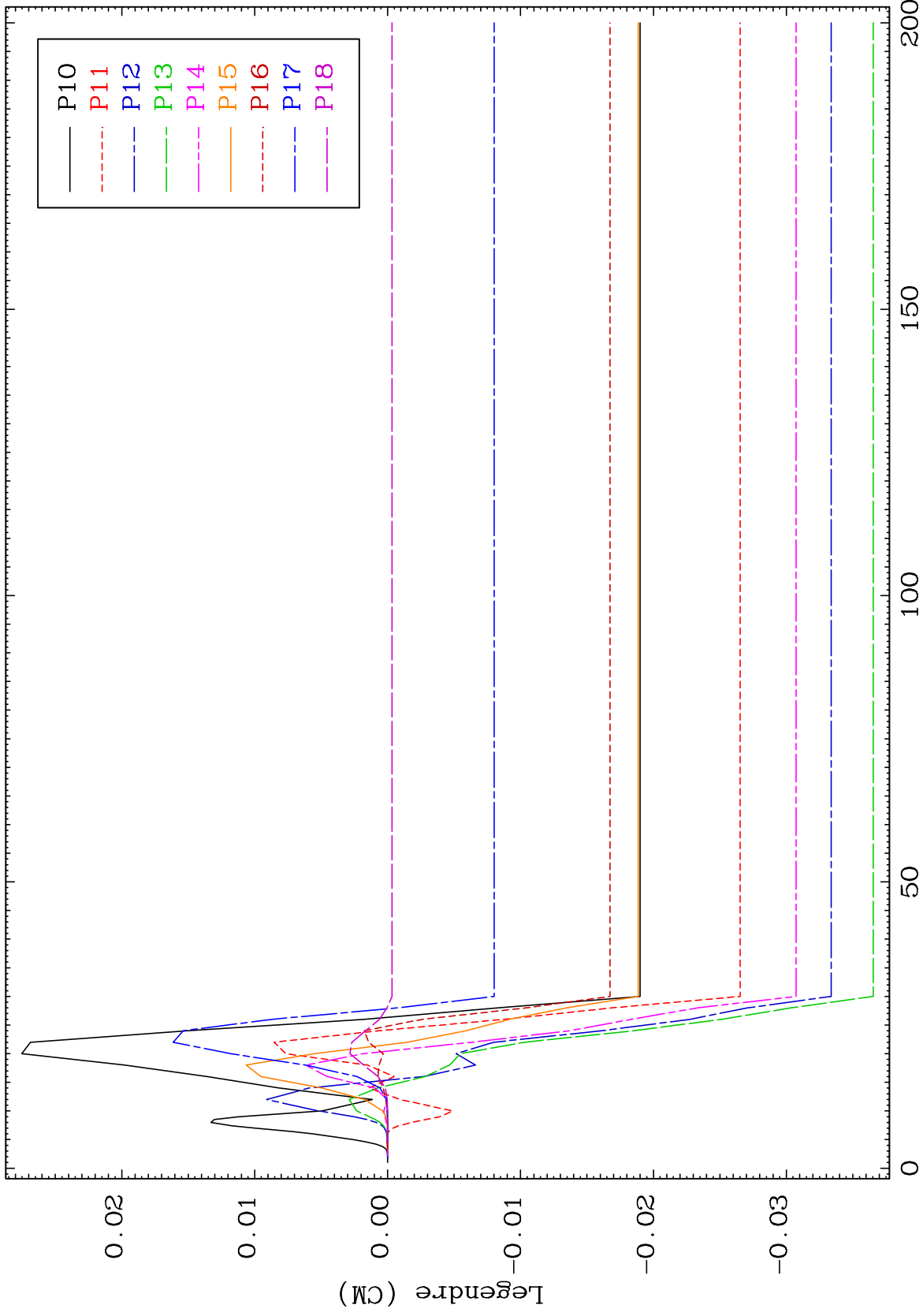




MAT 7592

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

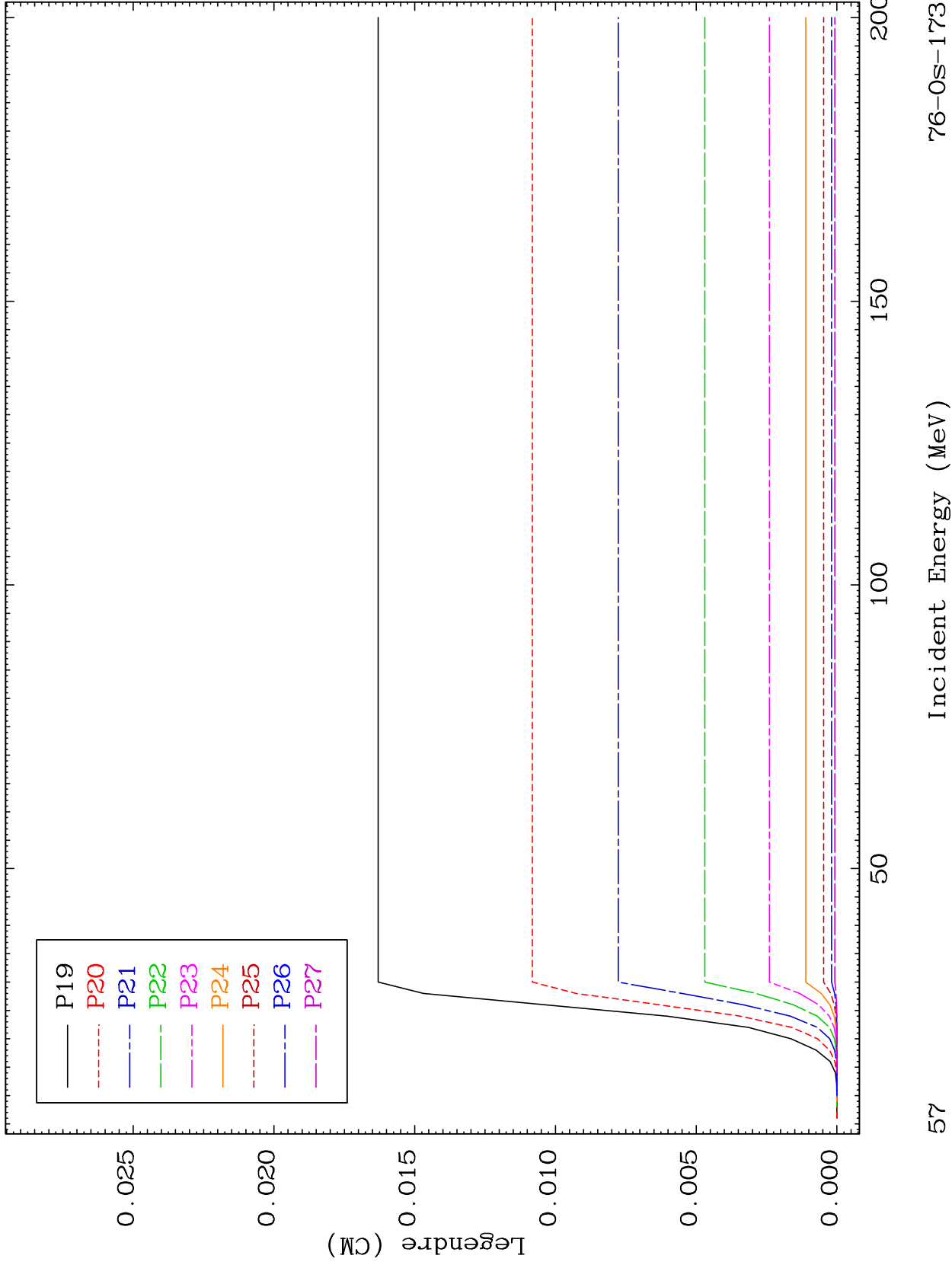
76-Os-173



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Incident Energy (MeV)

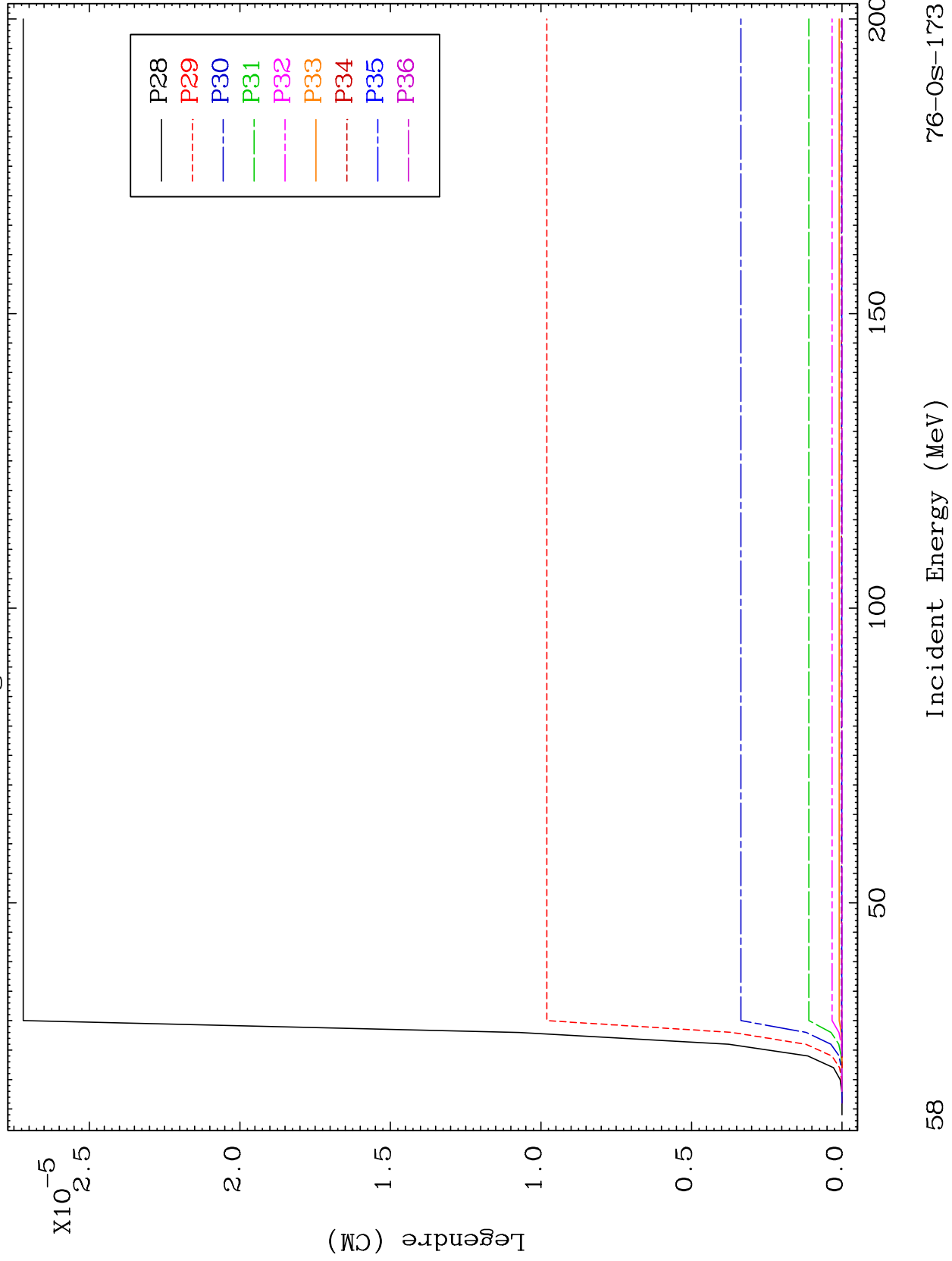
76-Os-173



MAT 7592

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

76-Os-173



58

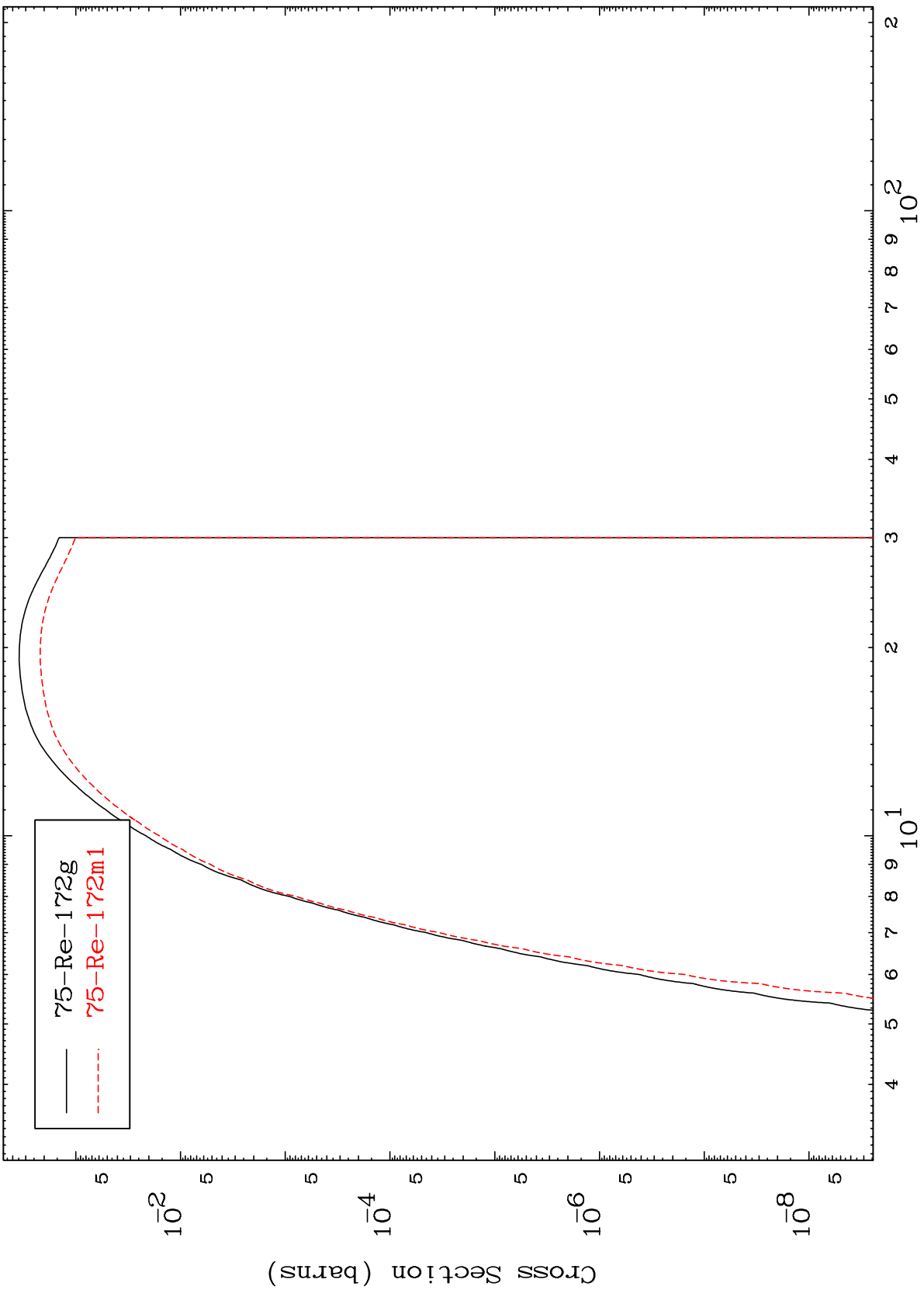
76-Os-173

MAT 7592

(n,n') p

76-Os-173

Radionuclide Production Cross Section



59

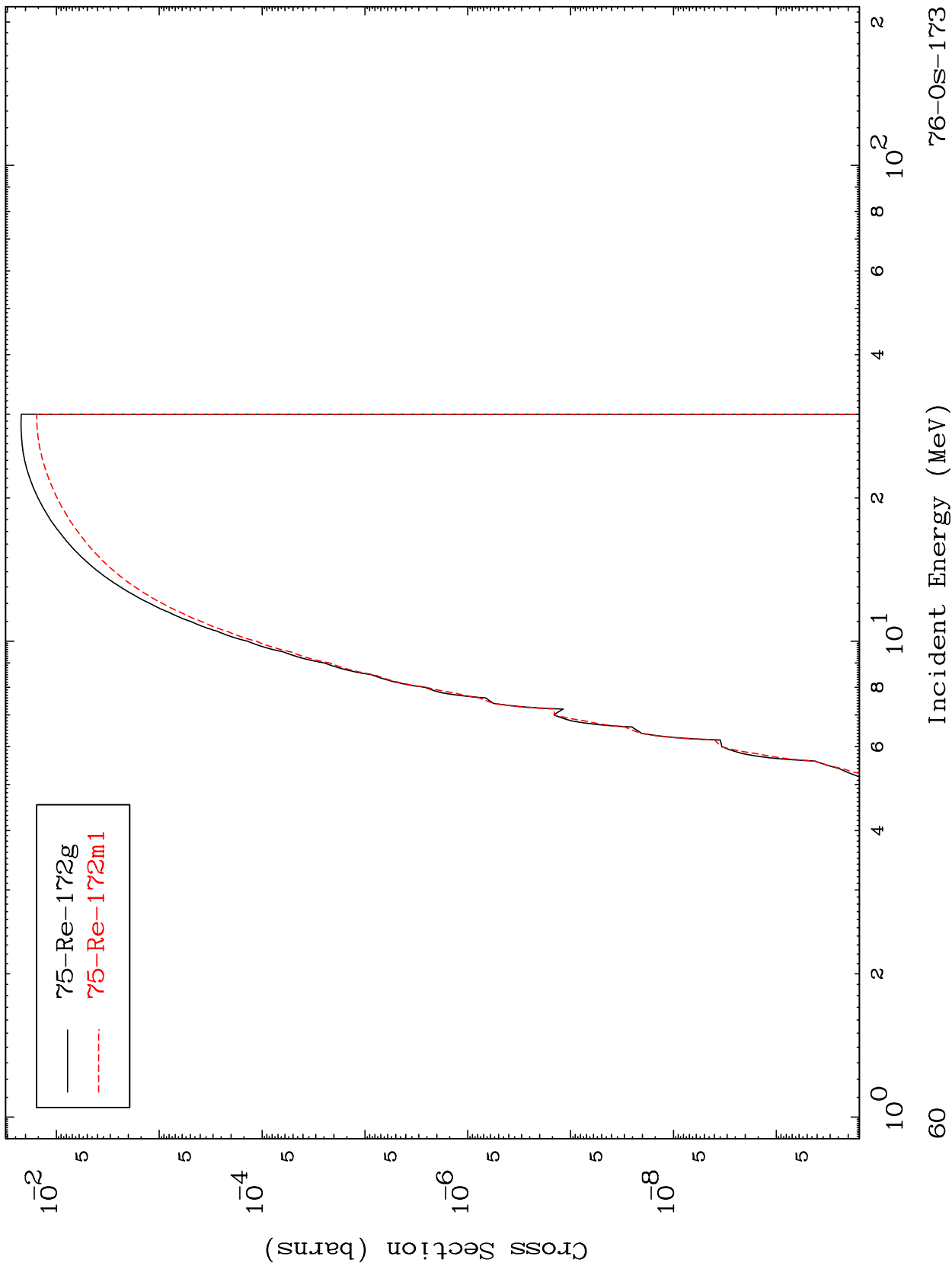
Incident Energy (MeV)

76-Os-173

MAT 7592

76-Os-173

(n,d)  
Radionuclide Production Cross Section



76-Os-173

Incident Energy (MeV)

60