

Program EVALPLOT  
(Version 2021-1)

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

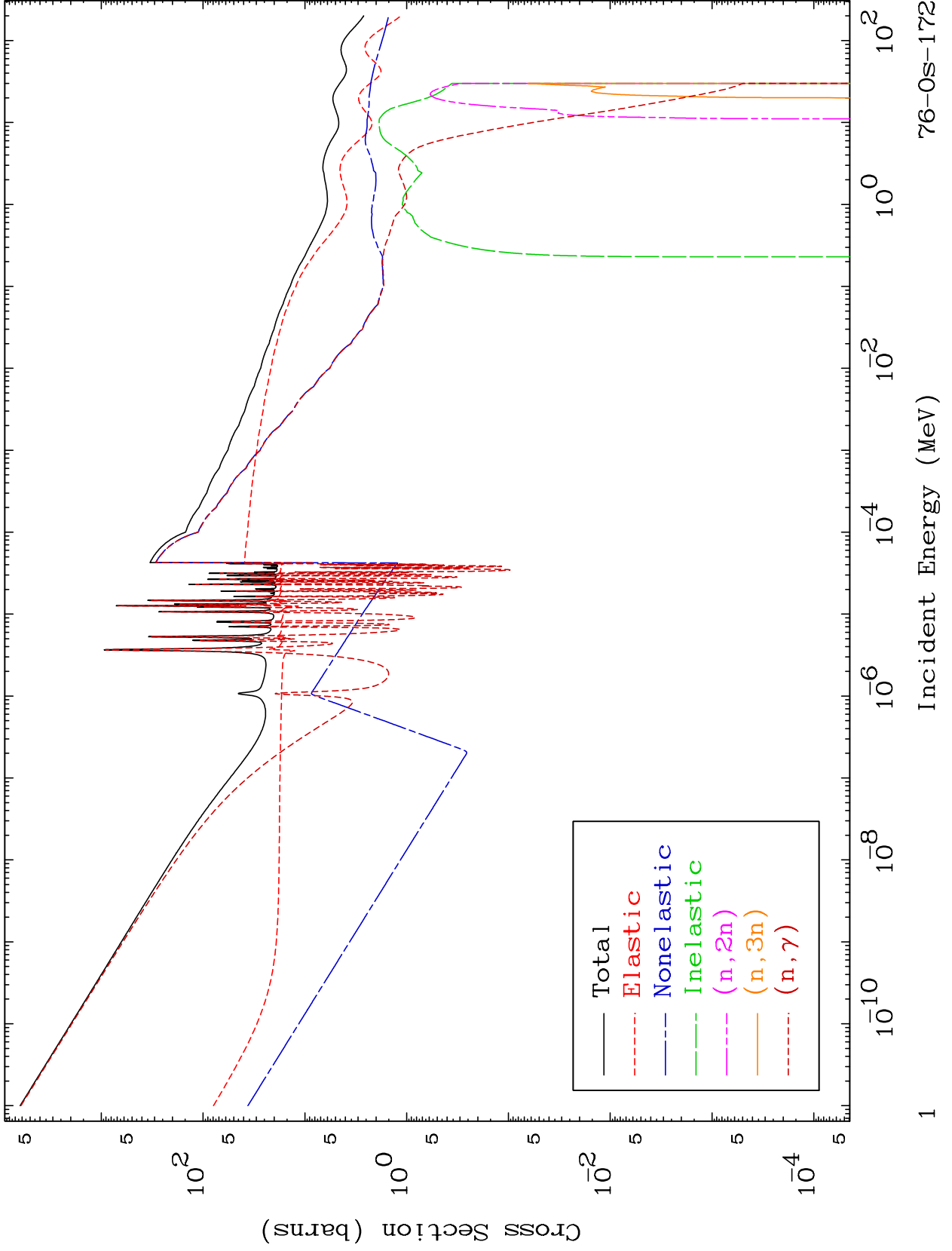
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7589

Neutron Major  
293 Kelvin Cross Sections

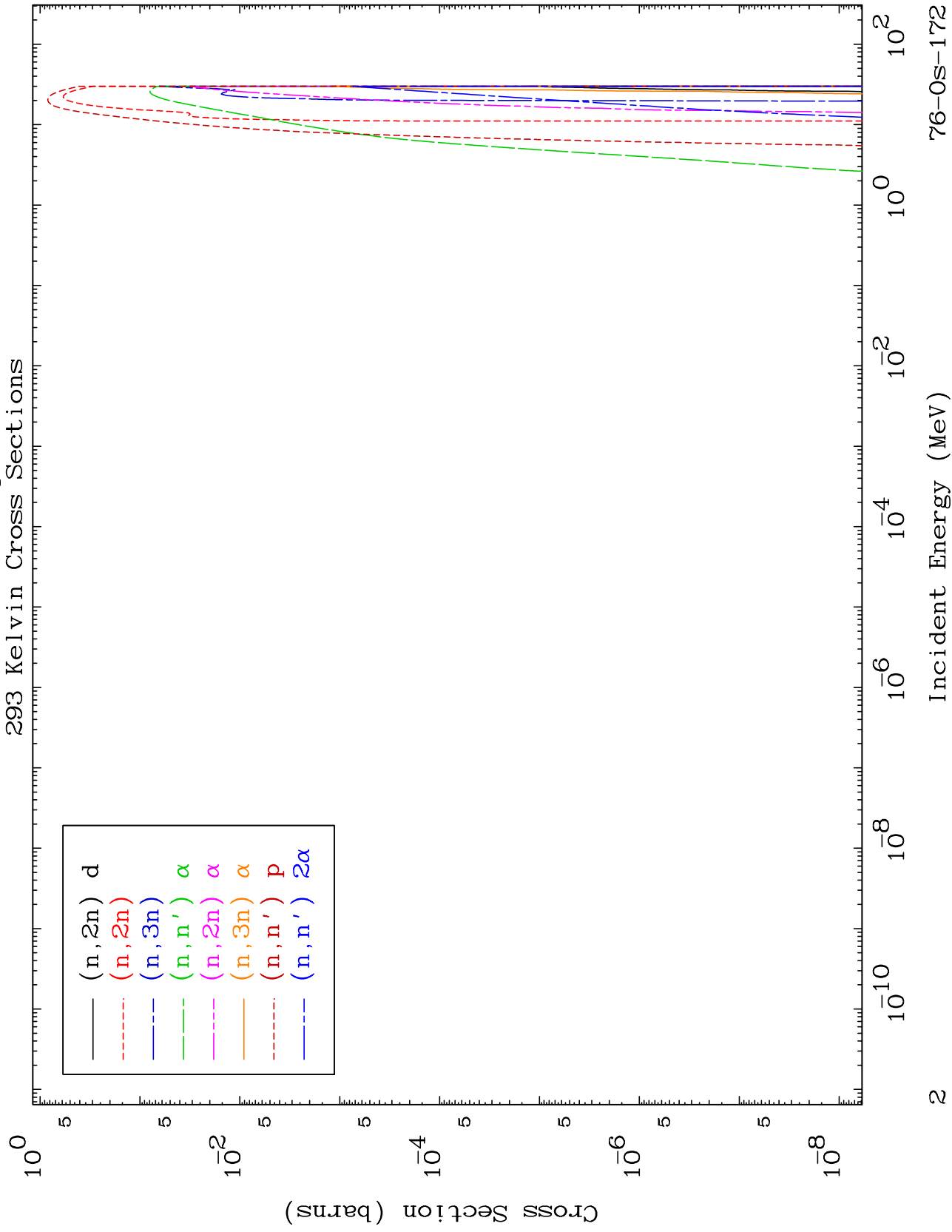
76-Os-172



MAT 7589

Neutron Absorption  
293 Kelvin Cross Sections

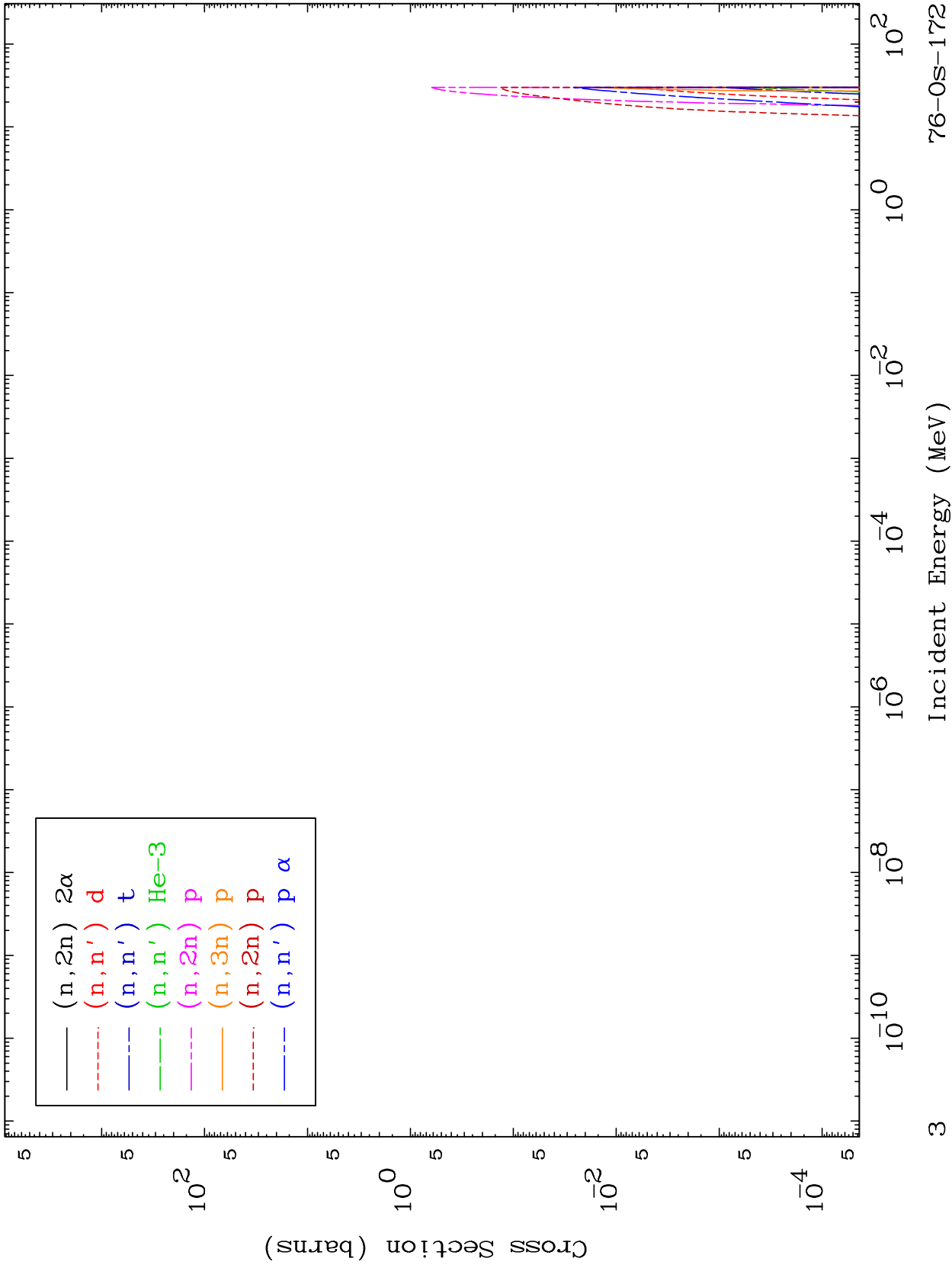
76-Os-172



MAT 7589

Neutron Absorption  
293 Kelvin Cross Sections

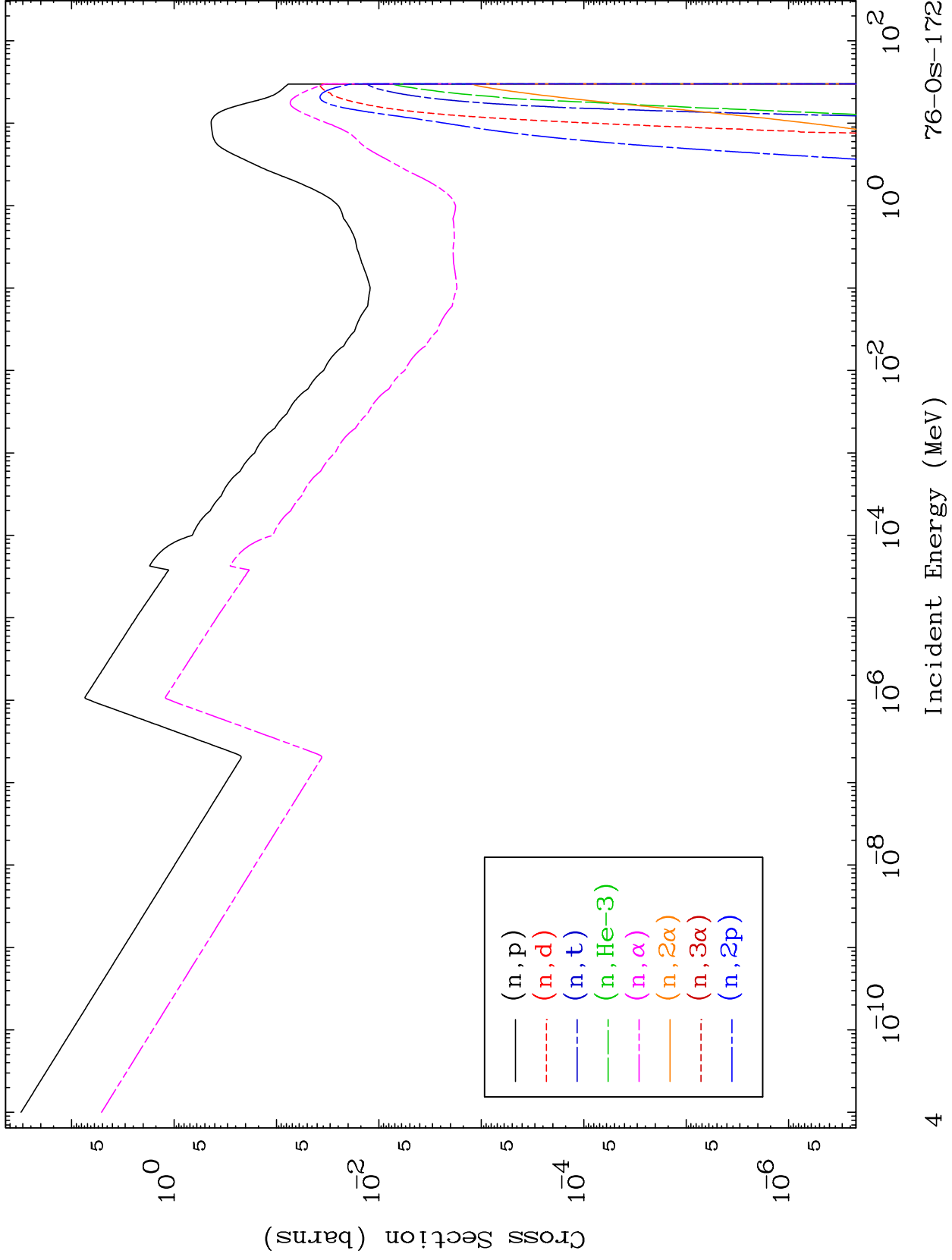
76-Os-172



MAT 7589

Neutron Absorption  
293 Kelvin Cross Sections

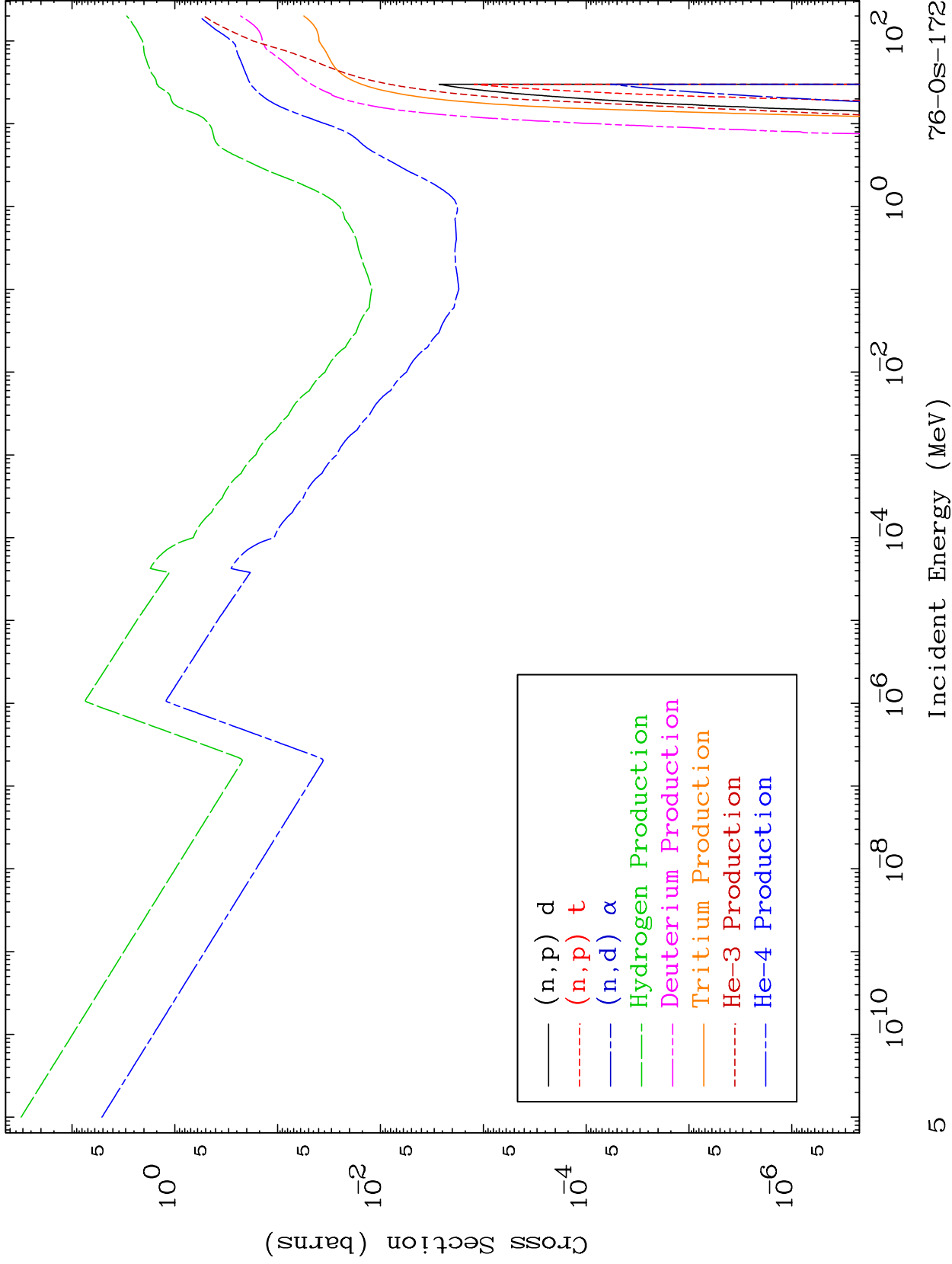
76-Os-172



MAT 7589

Neutron Absorption  
293 Kelvin Cross Sections

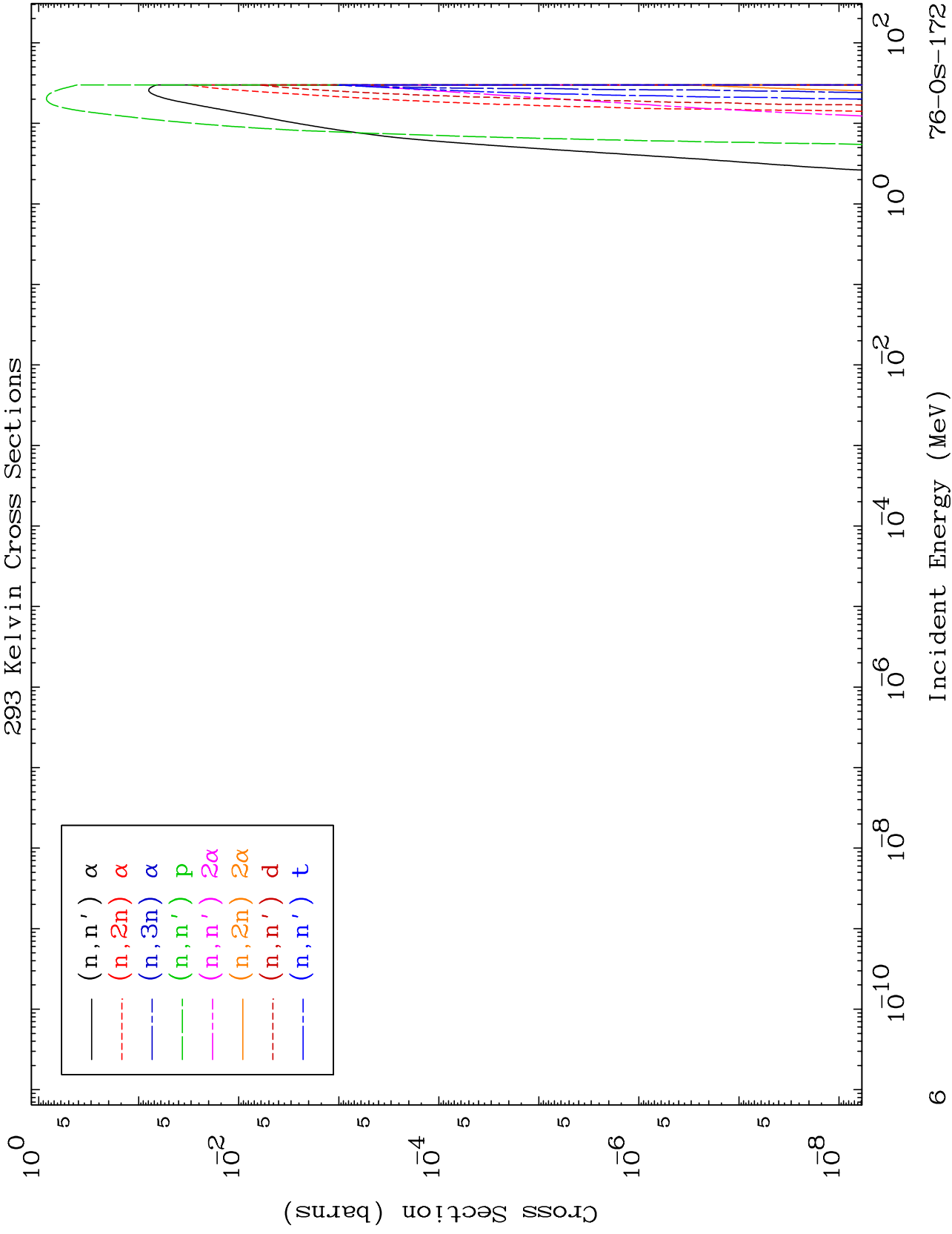
76-Os-172



MAT 7589

Charged Particle  
293 Kelvin Cross Sections

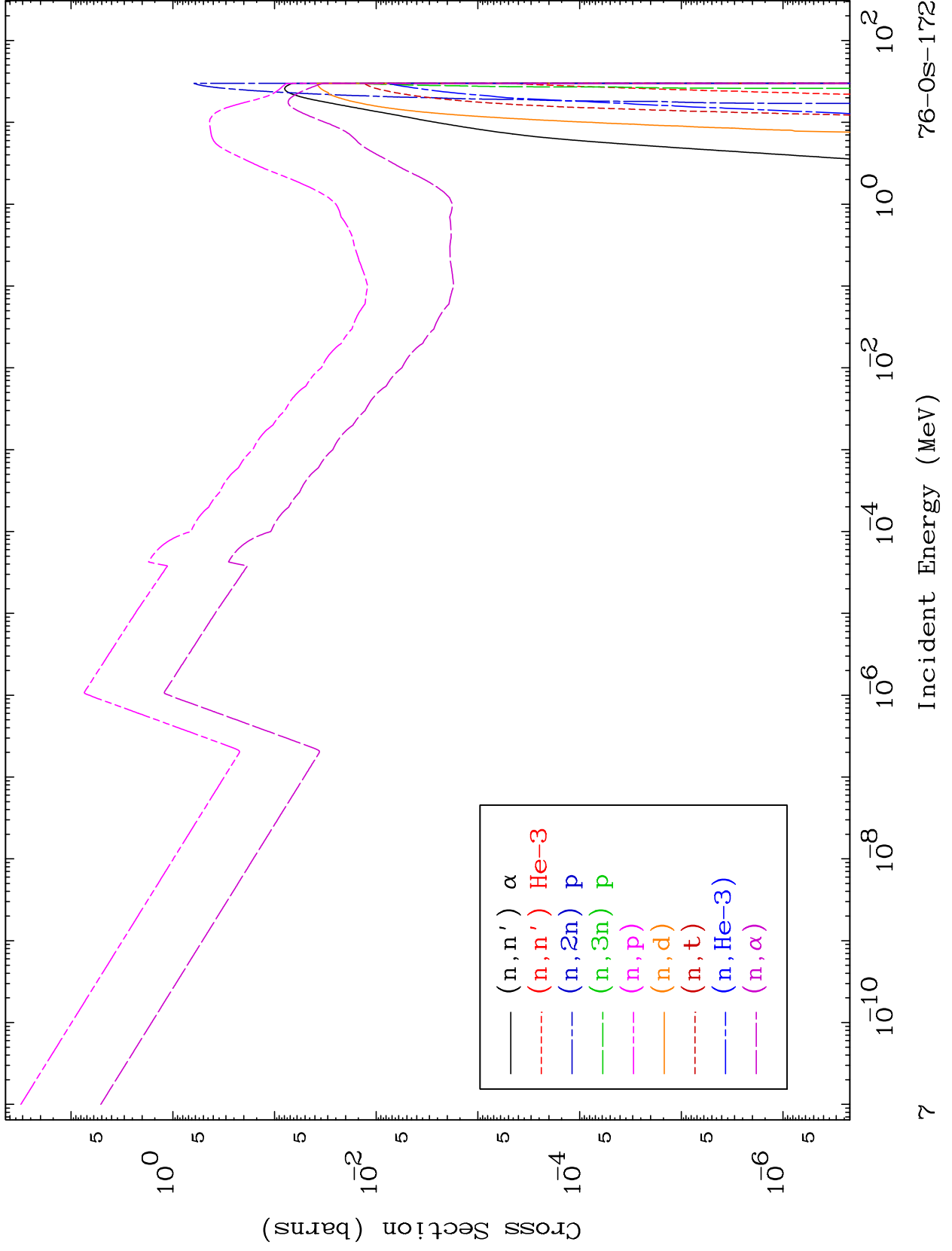
76-Os-172



MAT 7589

Charged Particle  
293 Kelvin Cross Sections

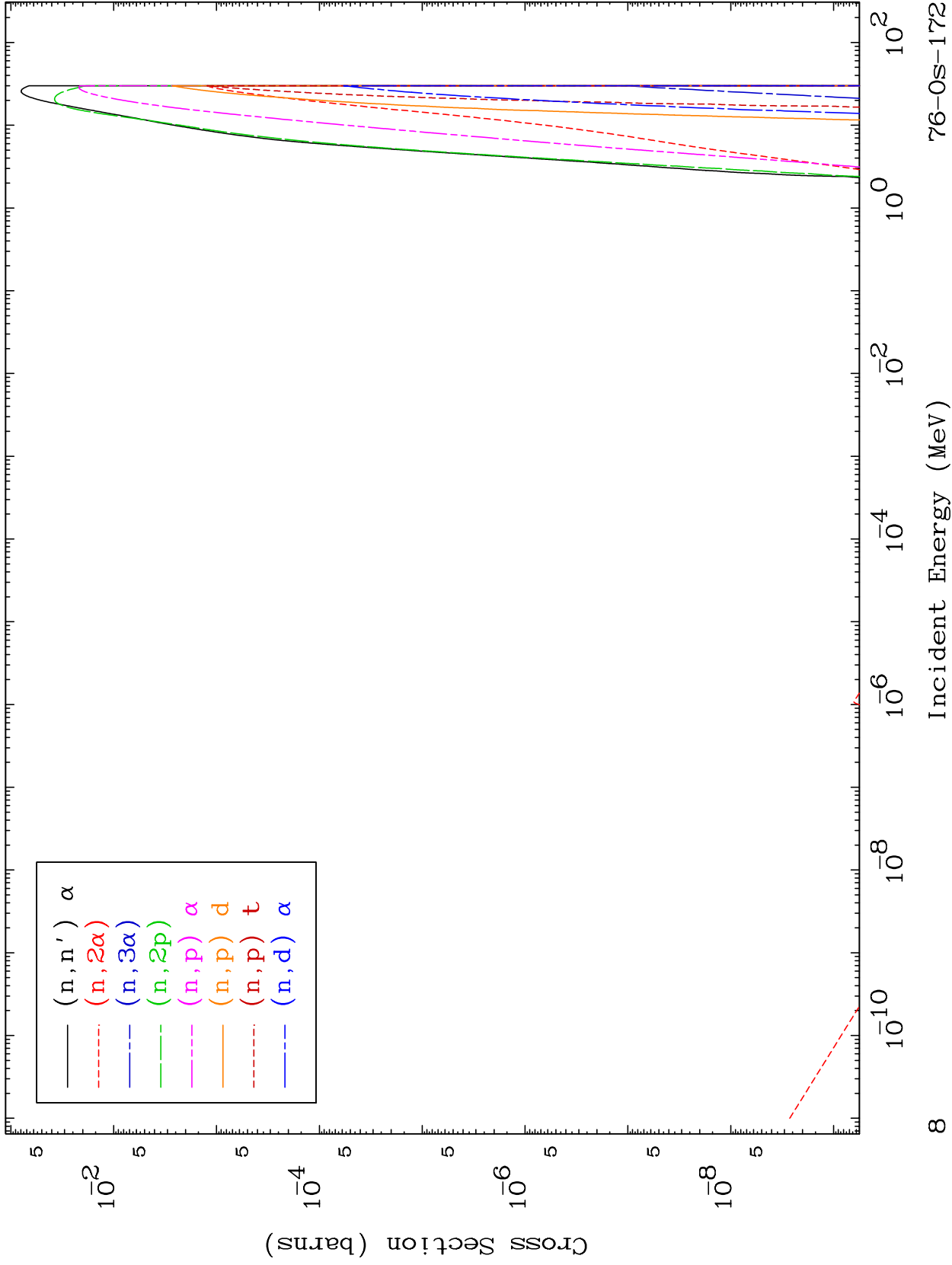
76-Os-172



MAT 7589

Charged Particle  
293 Kelvin Cross Sections

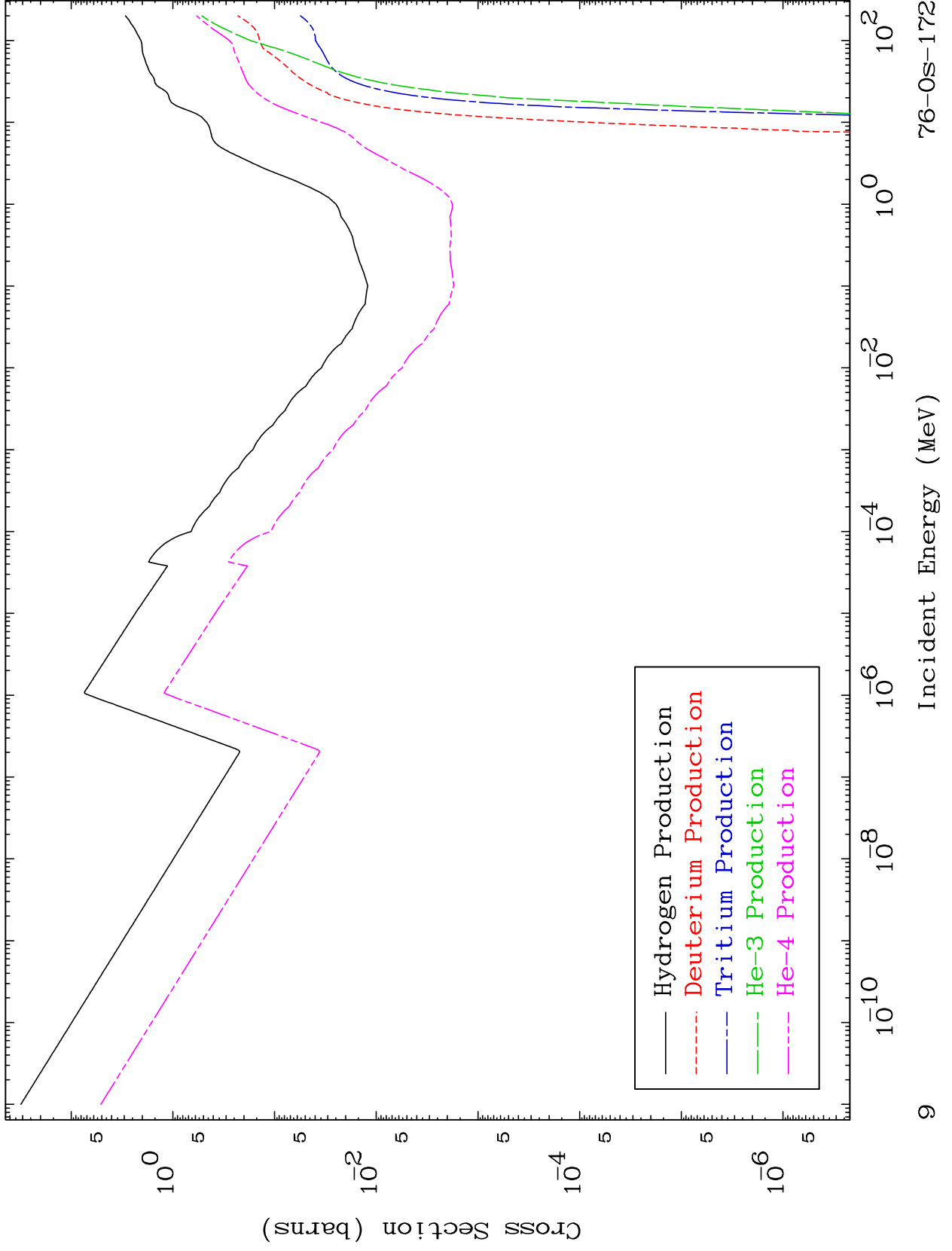
76-Os-172



MAT 7589

Particle Production  
293 Kelvin Cross Sections

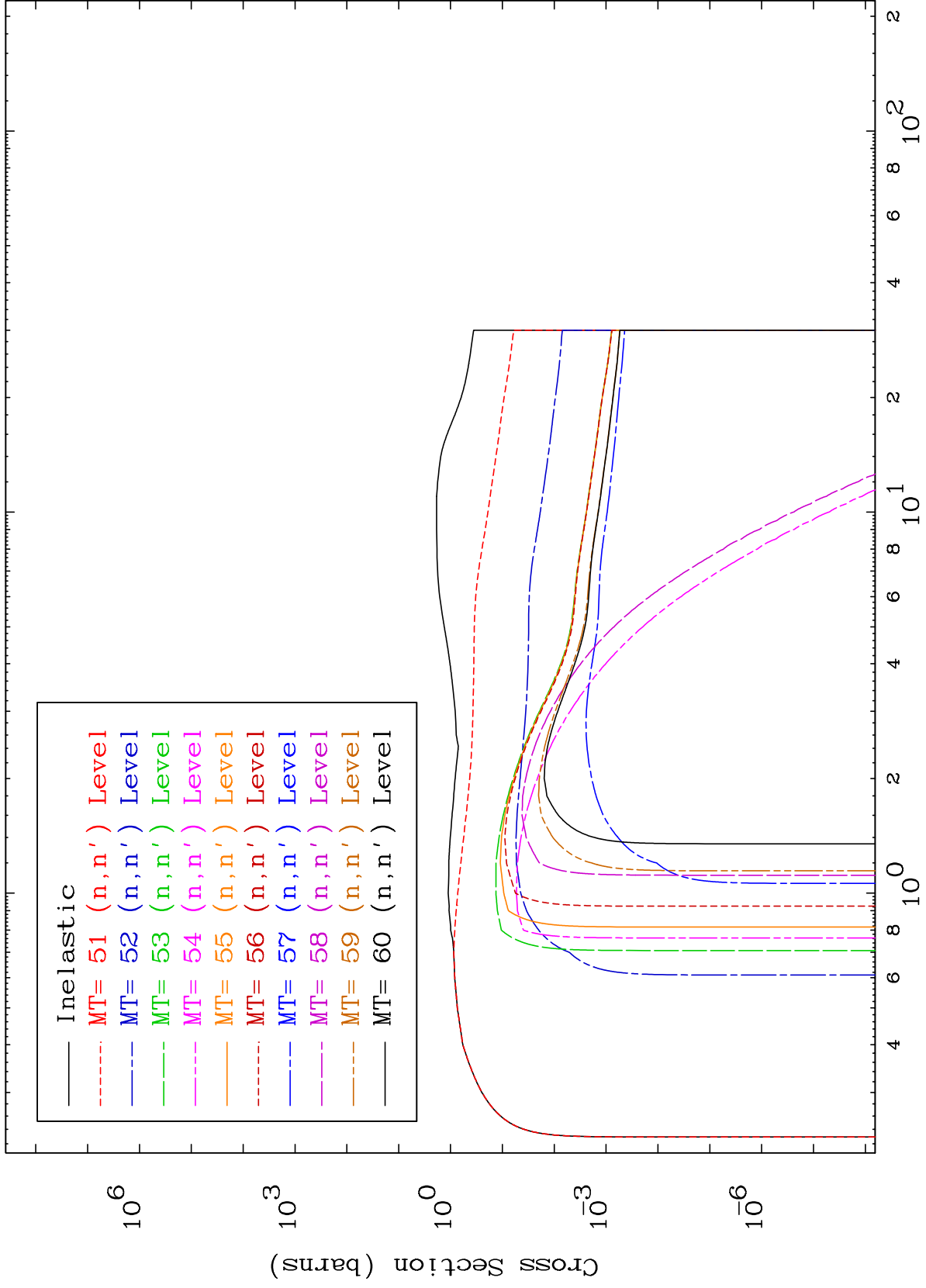
76-Os-172



MAT 7589

(n,n') Levels  
293 Kelvin Cross Sections

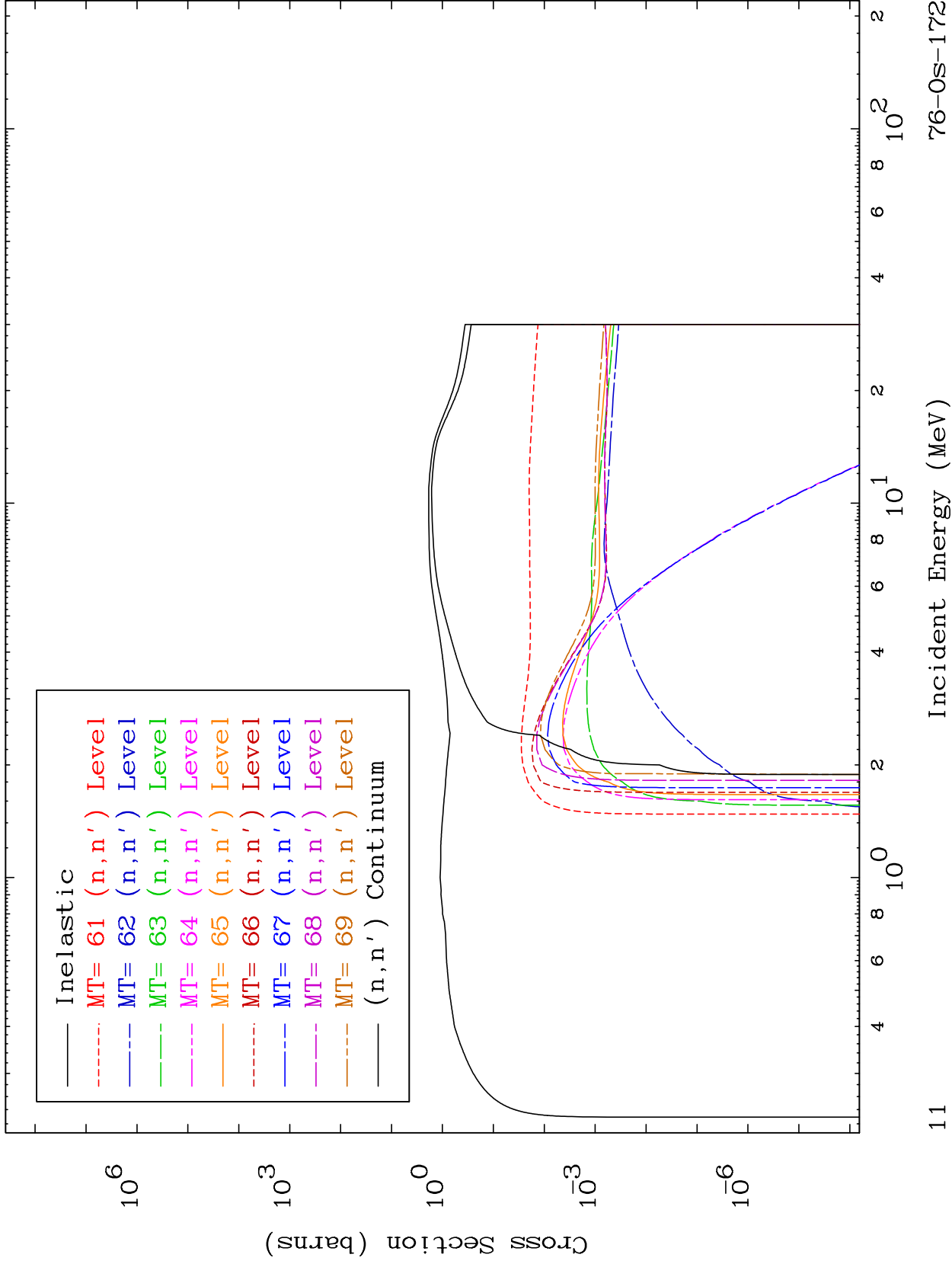
76-Os-172



10

Incident Energy (MeV)

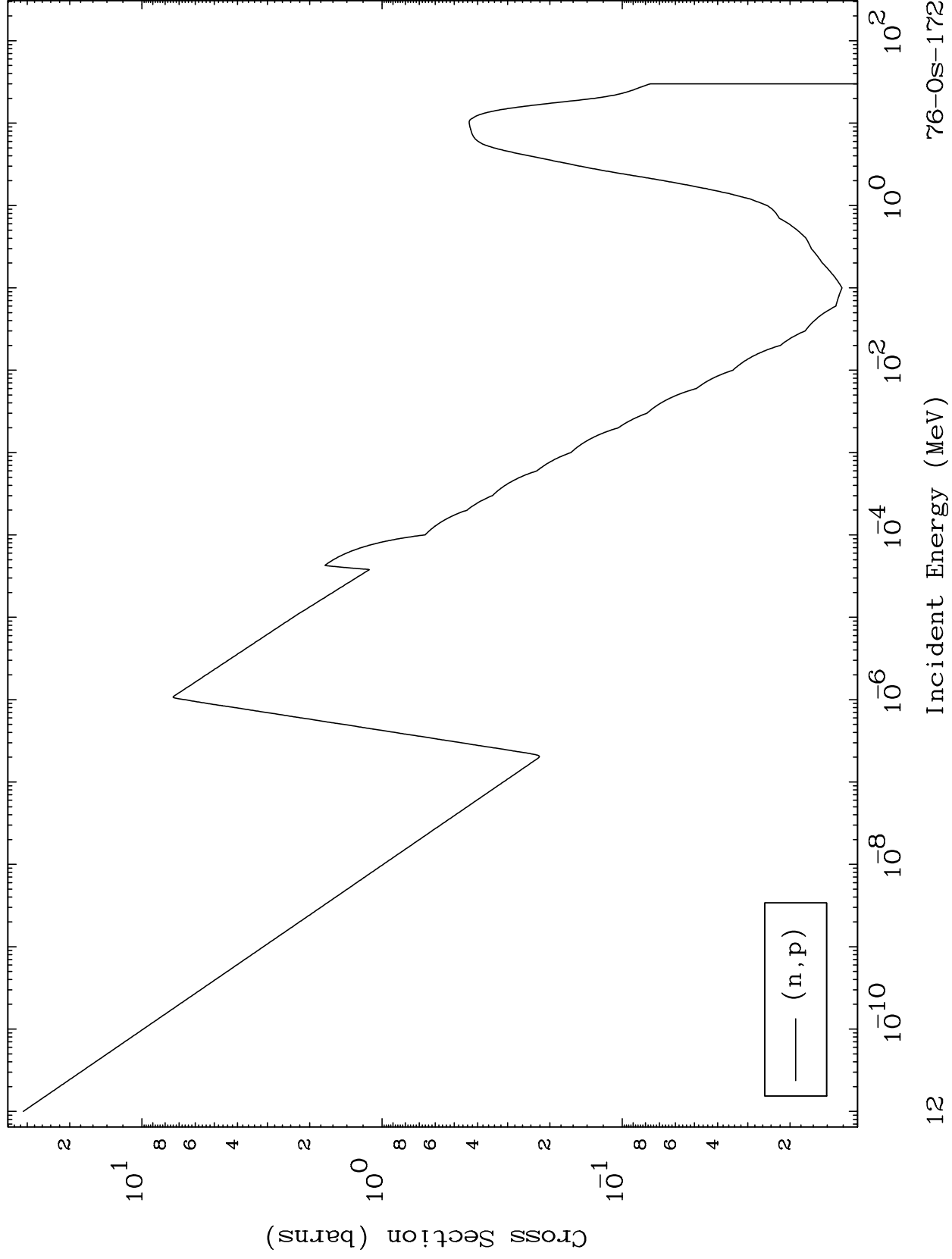
76-Os-172



MAT 7589

(n,p) Levels  
293 Kelvin Cross Sections

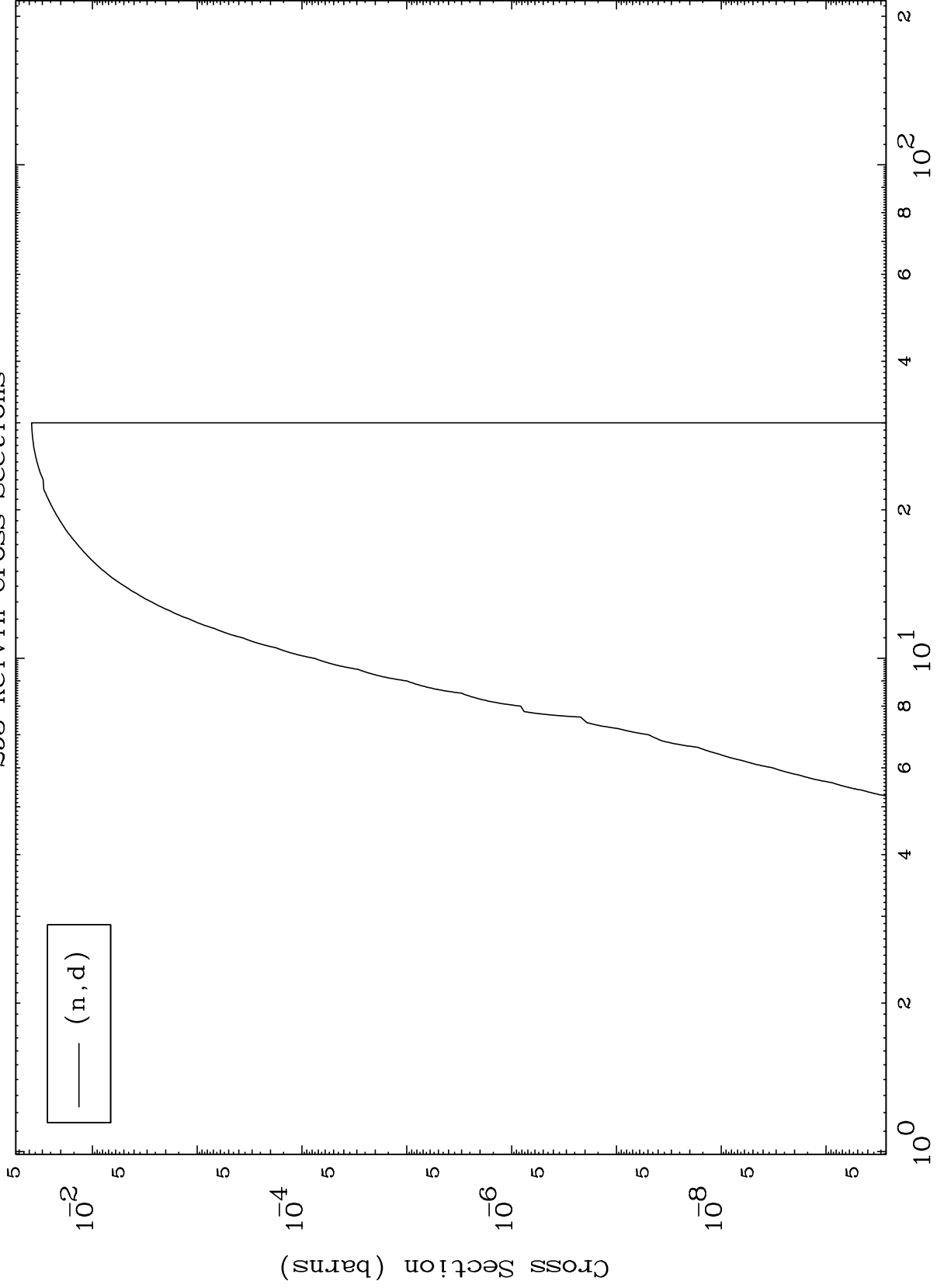
76-Os-172



MAT 7589

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-172



13

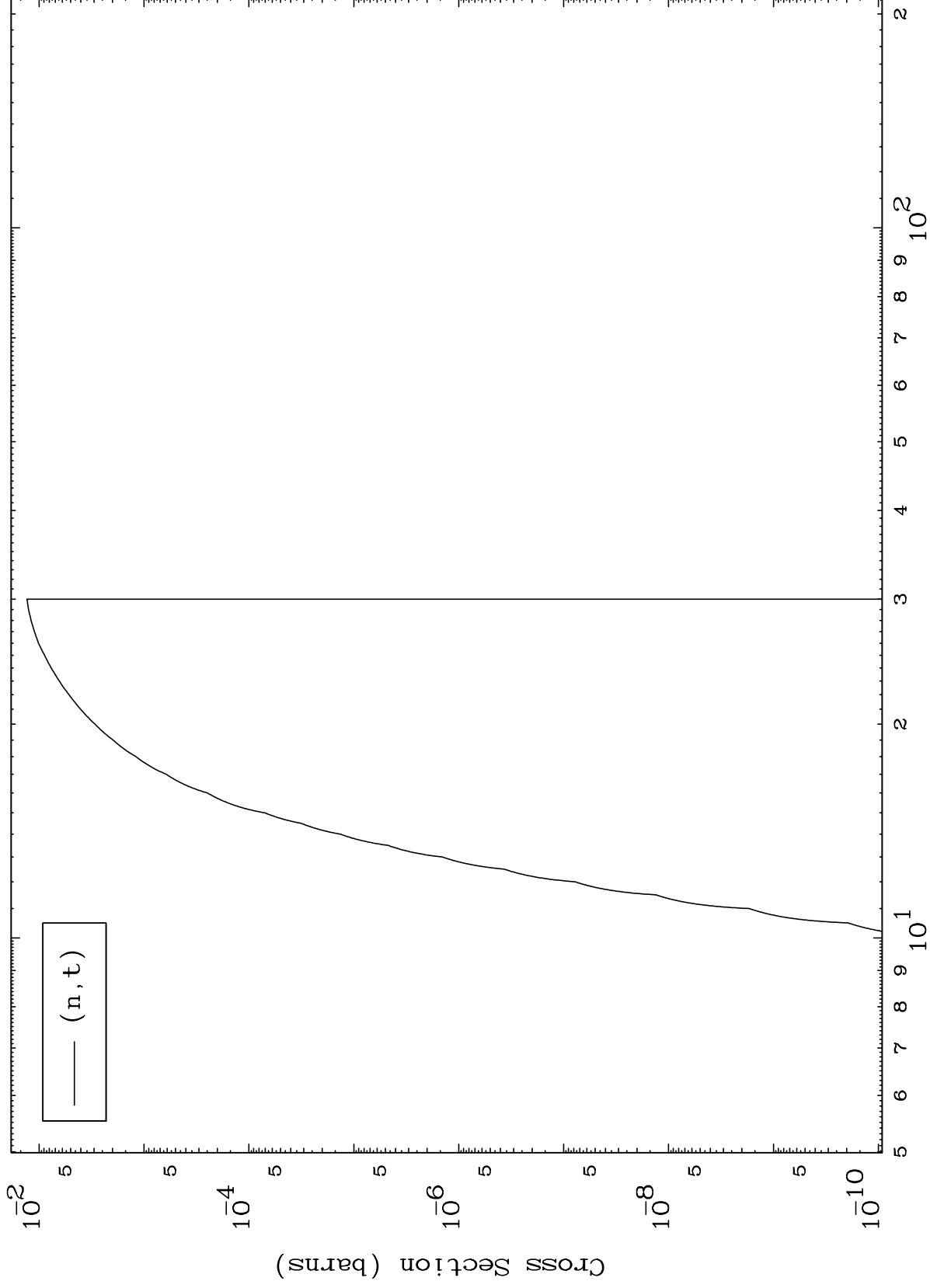
Incident Energy (MeV)

76-Os-172

MAT 7589

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-172



14

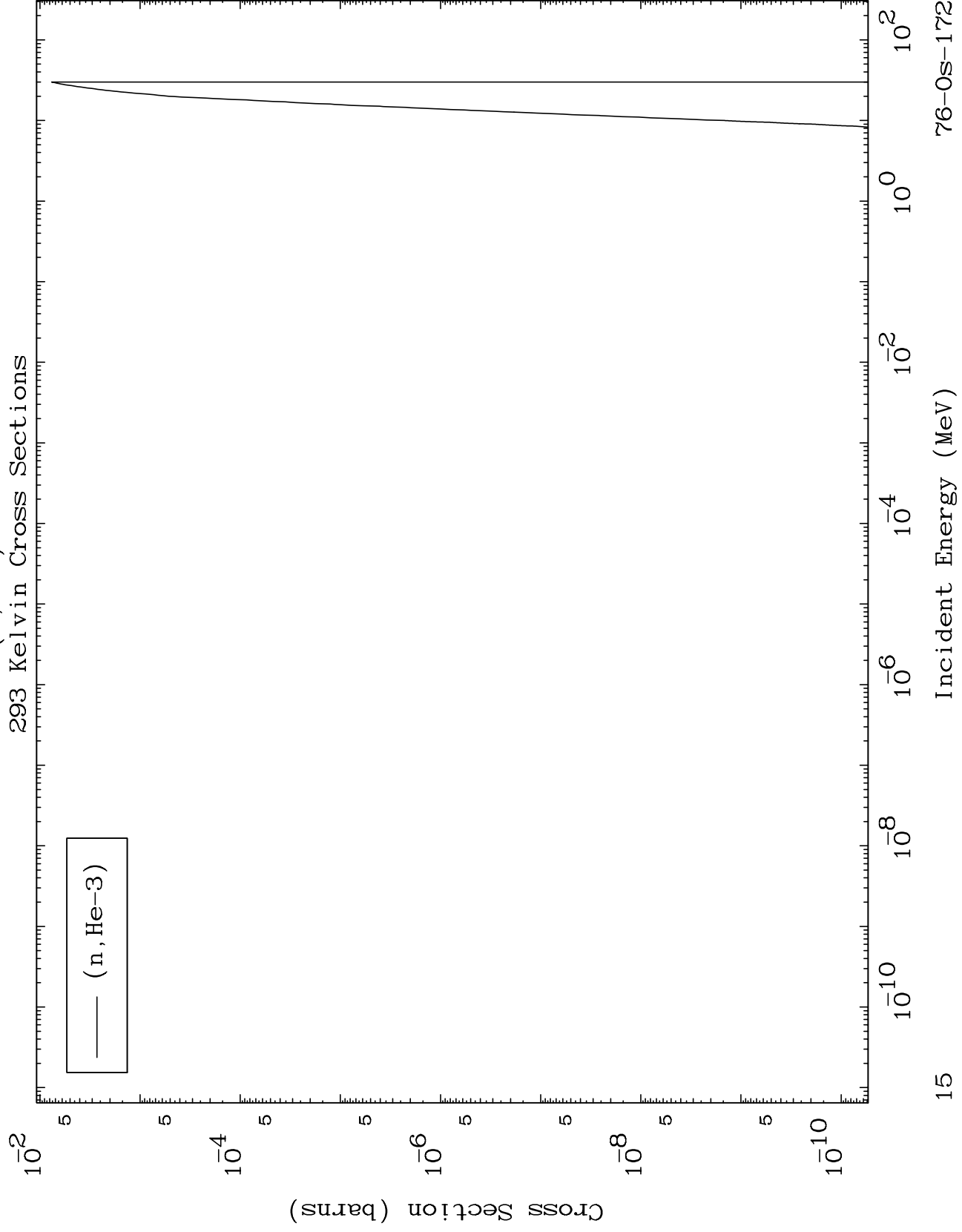
Incident Energy (MeV)

76-Os-172

MAT 7589

(n,He3) Levels  
293 Kelvin Cross Sections

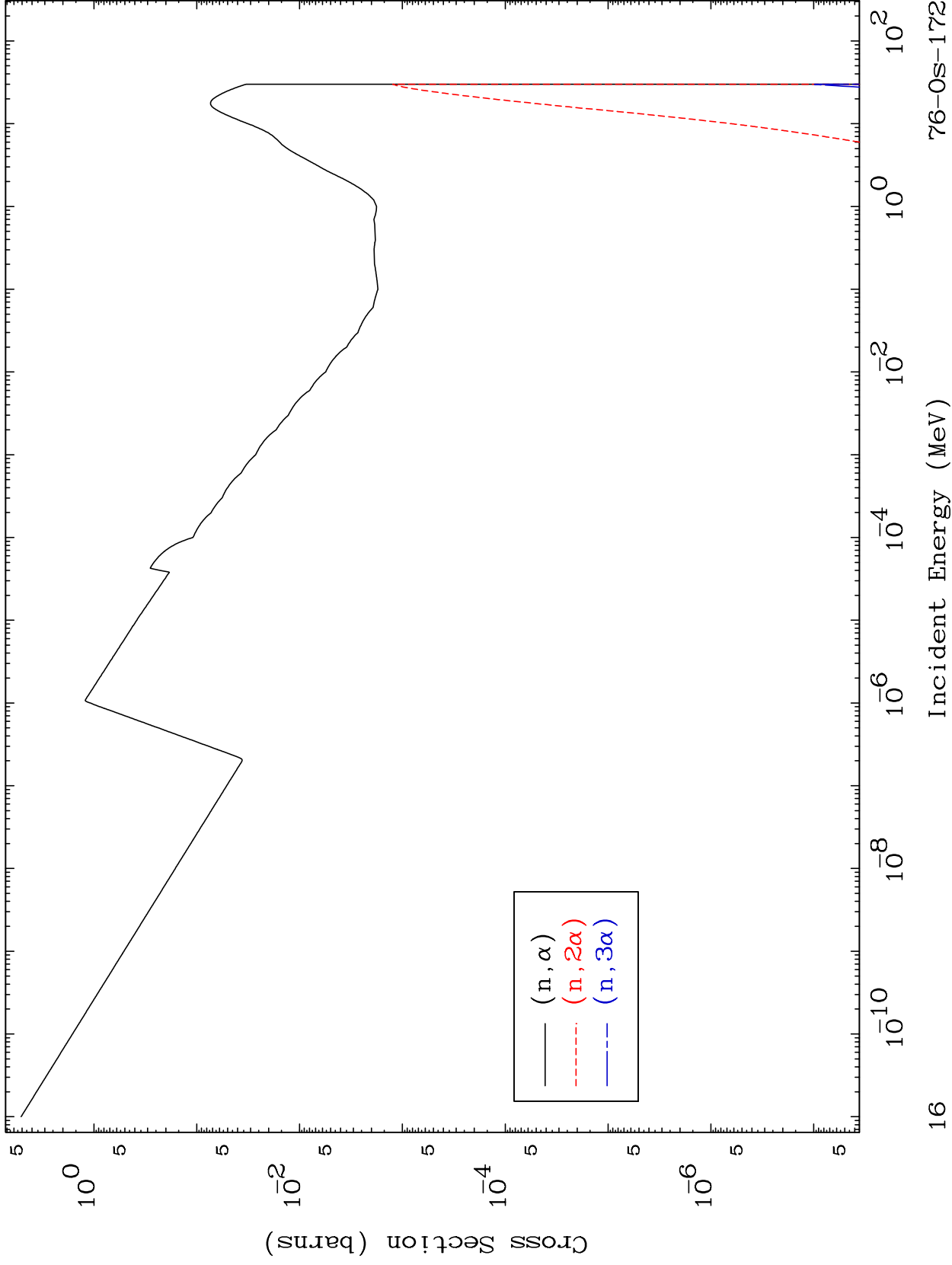
76-Os-172



MAT 7589

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

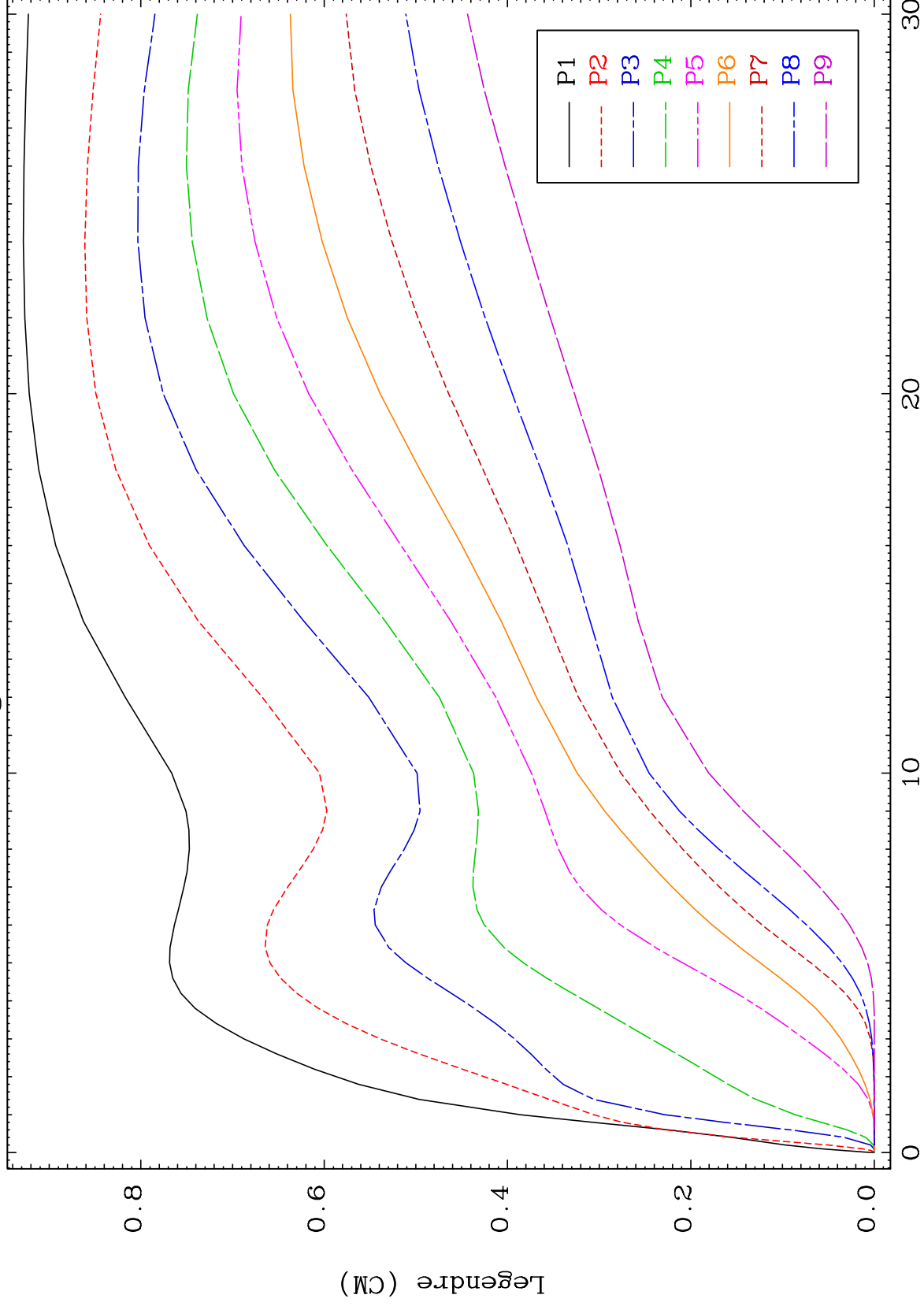
76-Os-172



MAT 7589

Elastic Legendre Coefficients

76-Os-172



17

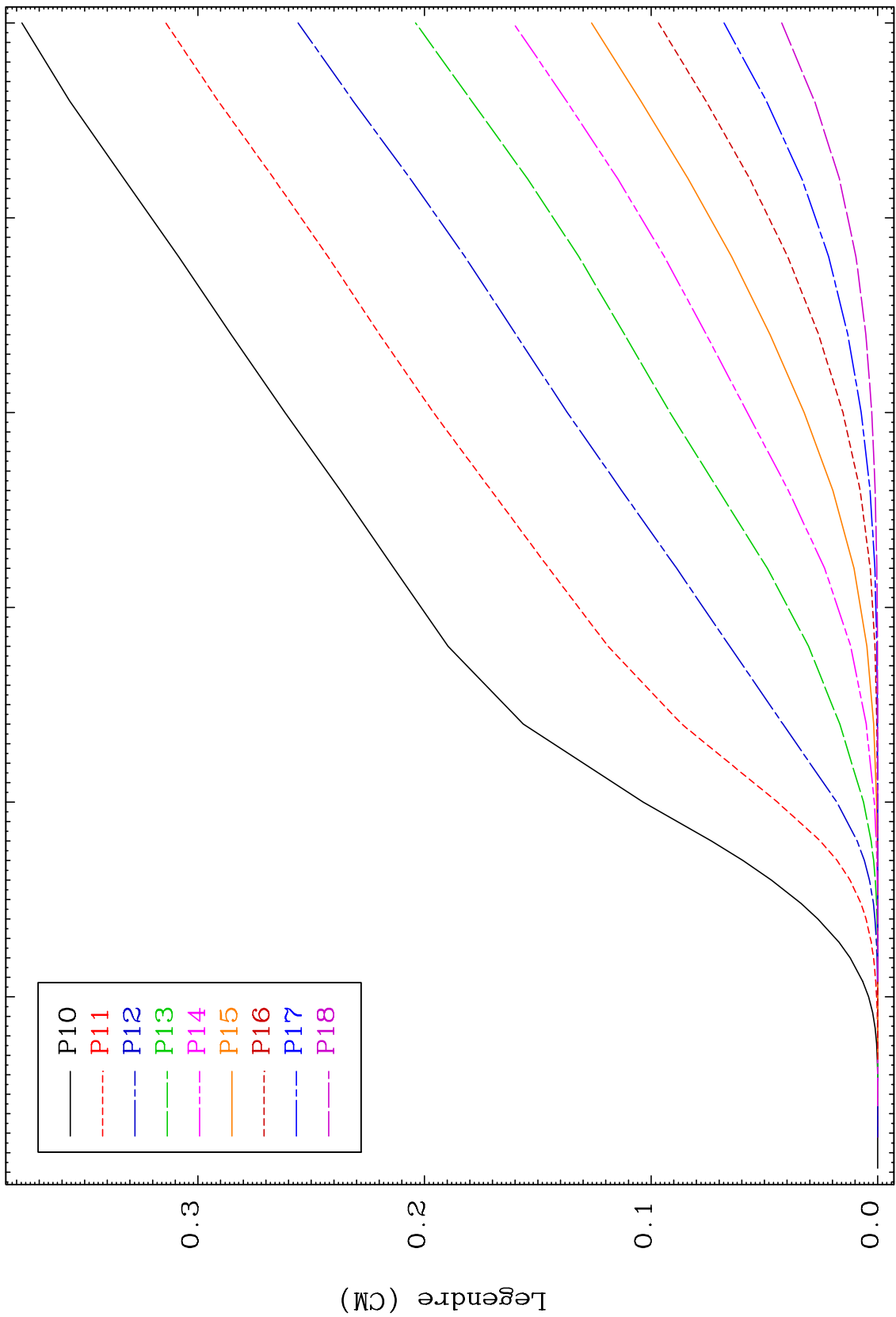
Incident Energy (MeV)

76-Os-172

MAT 7589

Elastic  
Legendre Coefficients

76-0s-172



18

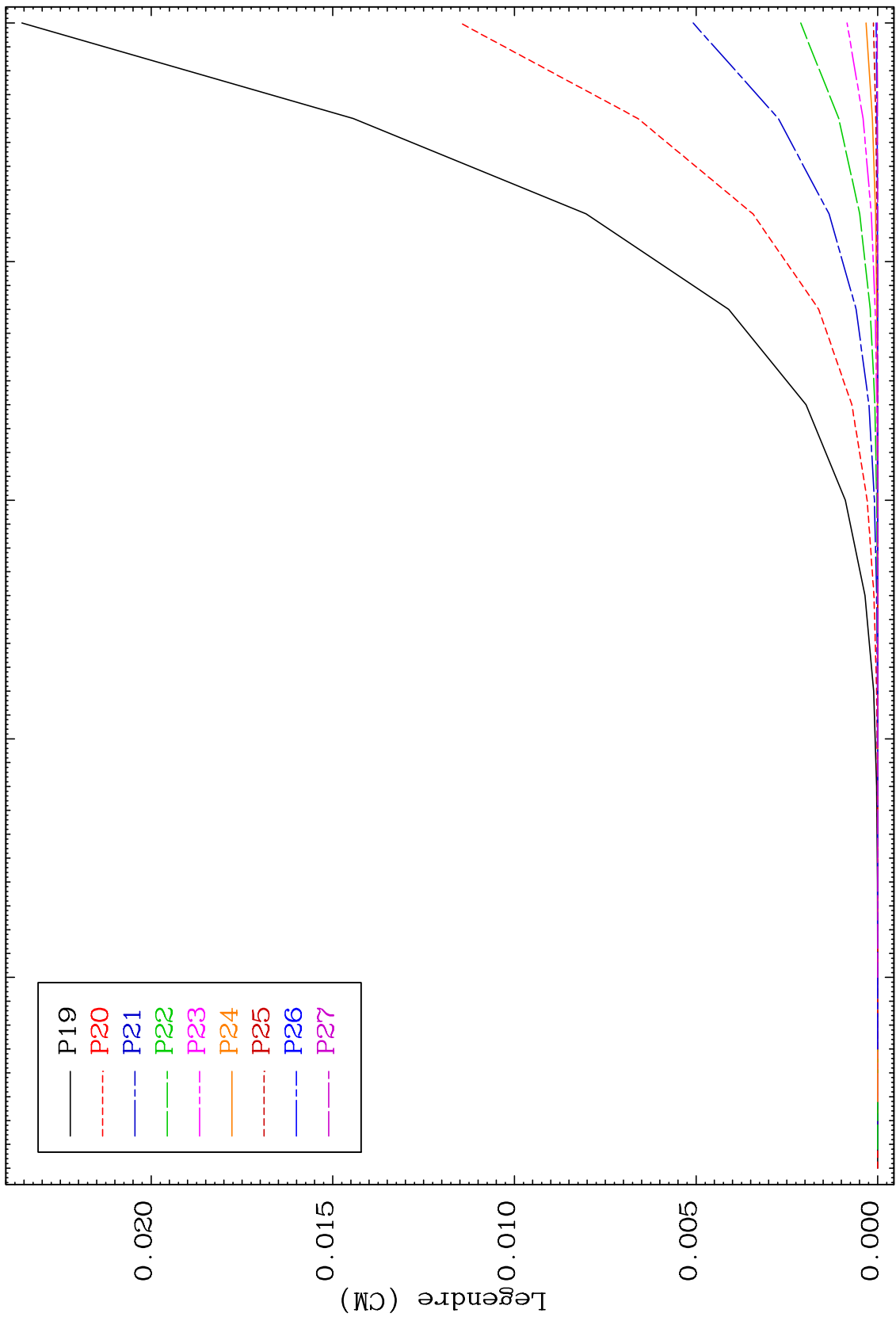
Incident Energy (MeV)

76-0s-172

MAT 7589

### Elastic Legendre Coefficients

76-0s-172



19

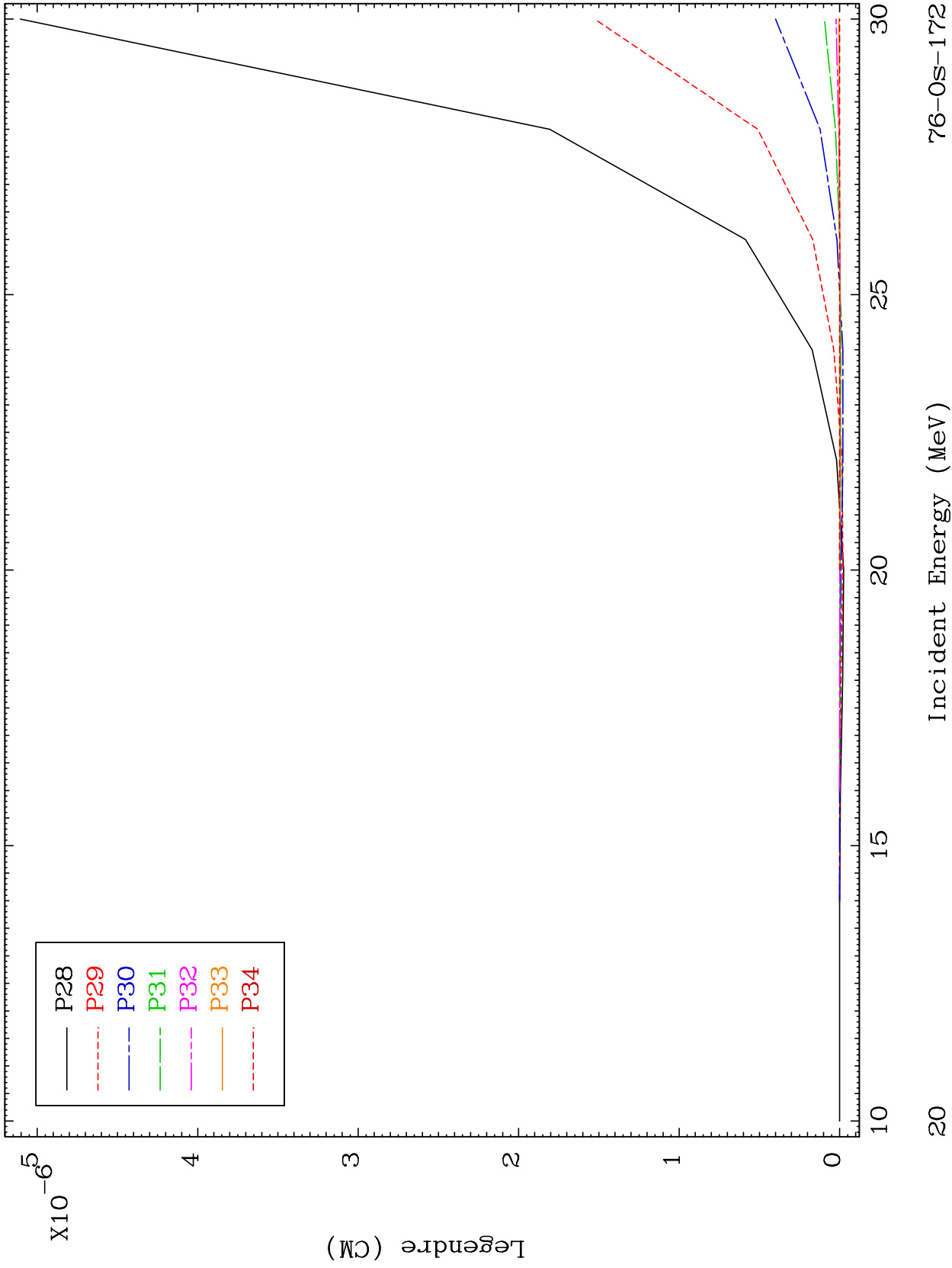
Incident Energy (MeV)

76-0s-172

MAT 7589

Elastic Legendre Coefficients

76-0s-172



76-0s-172

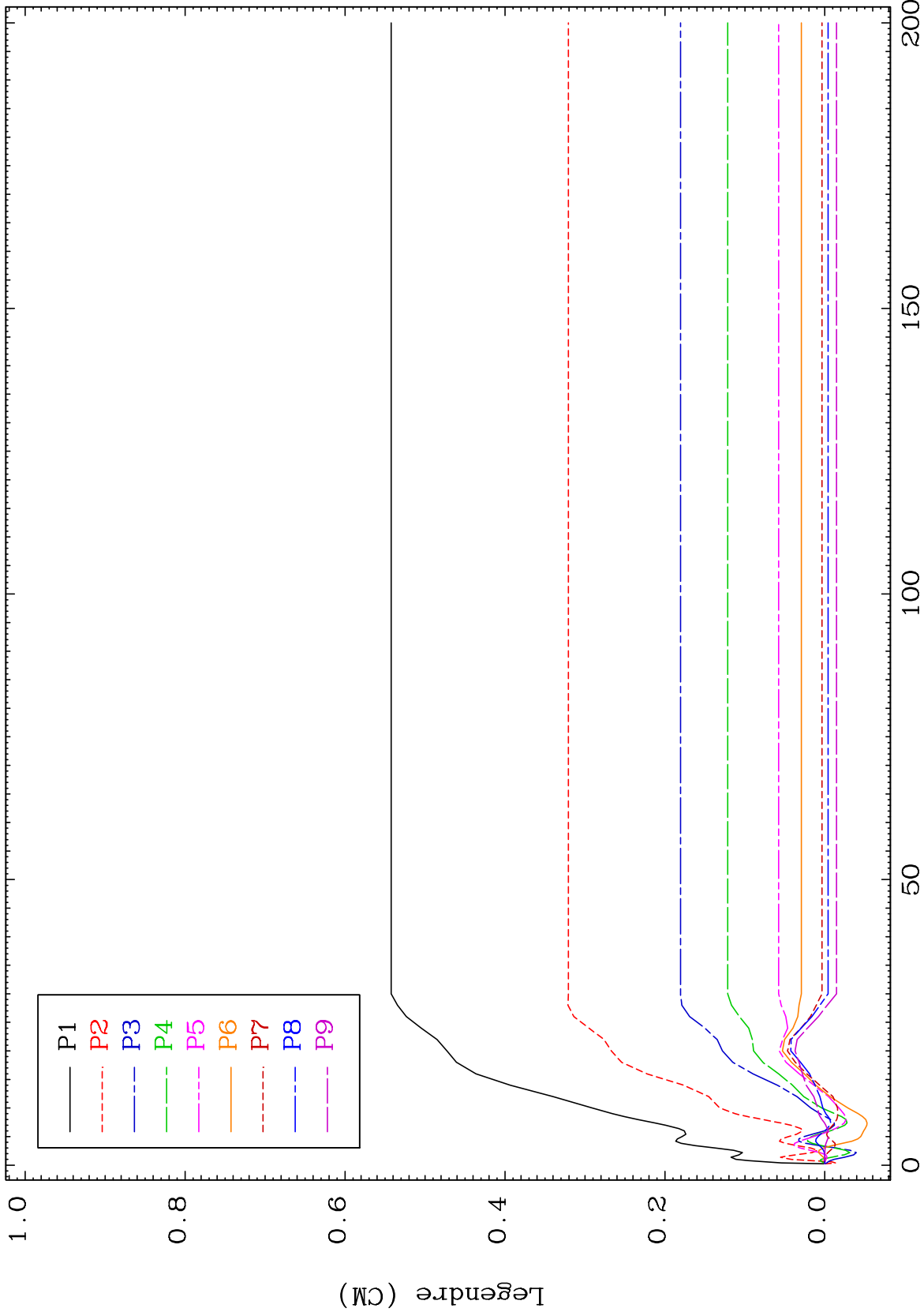
Incident Energy (MeV)

20

MAT 7589

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

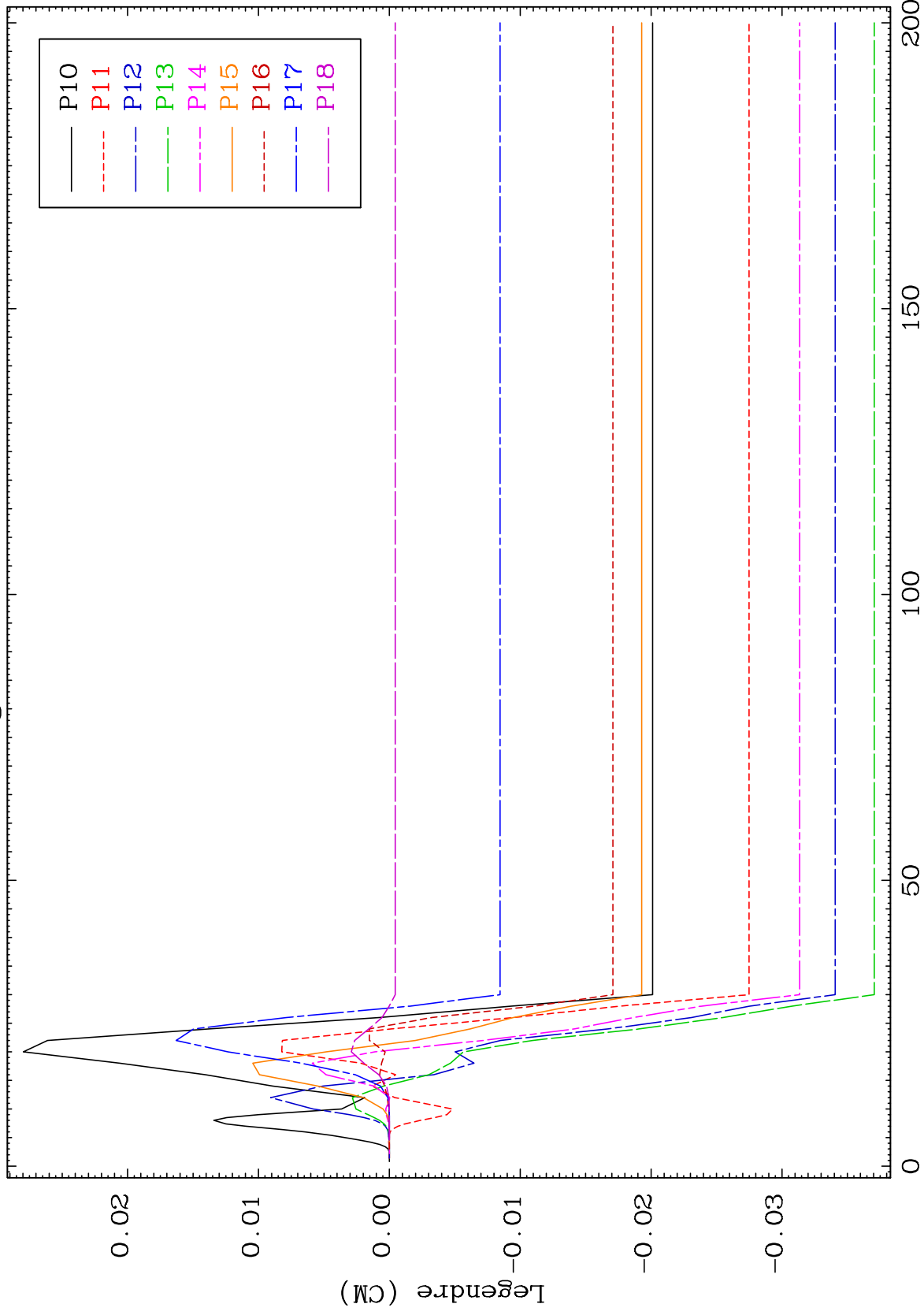
76-0s-172



MAT 7589

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

76-Os-172



22

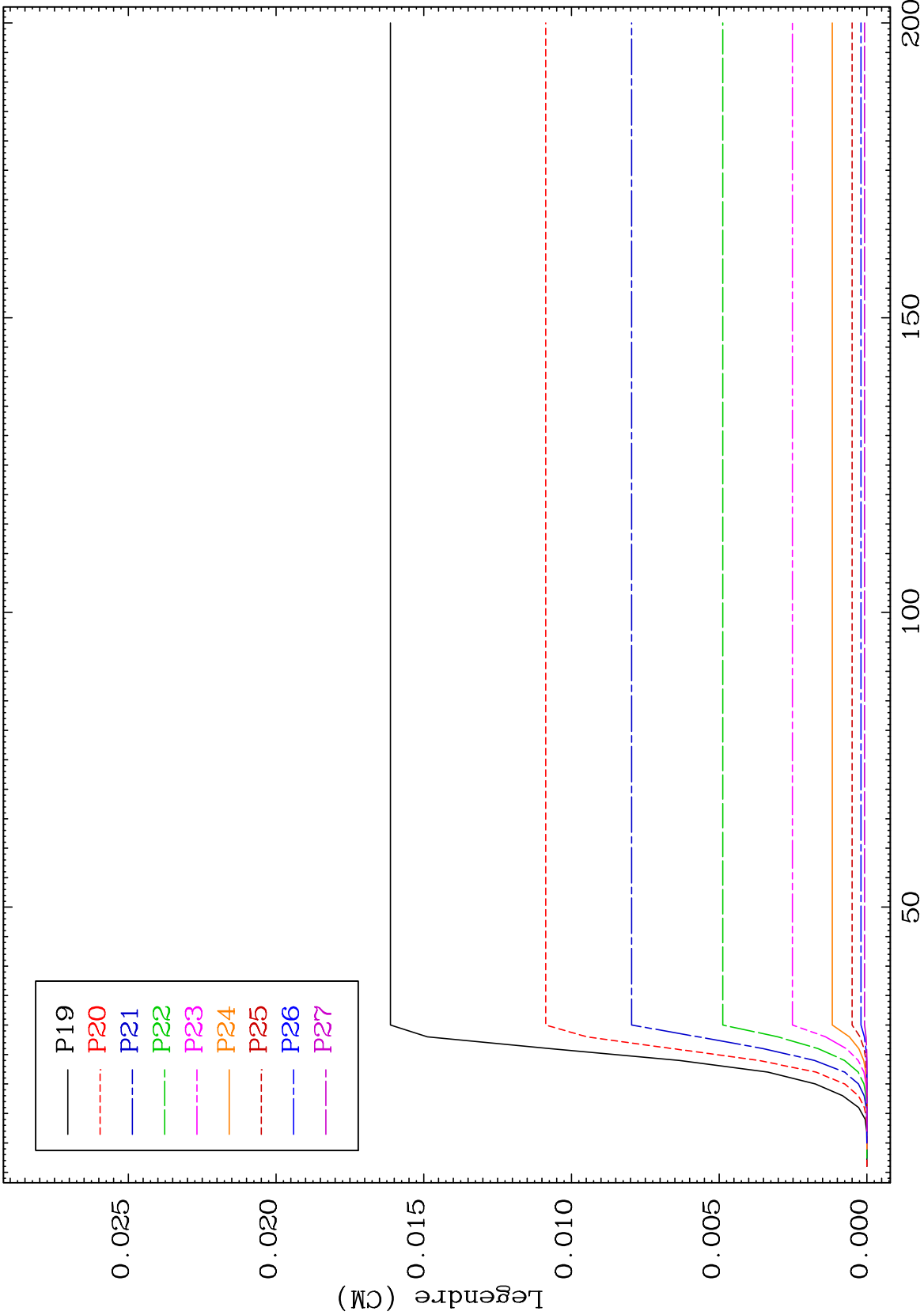
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



23

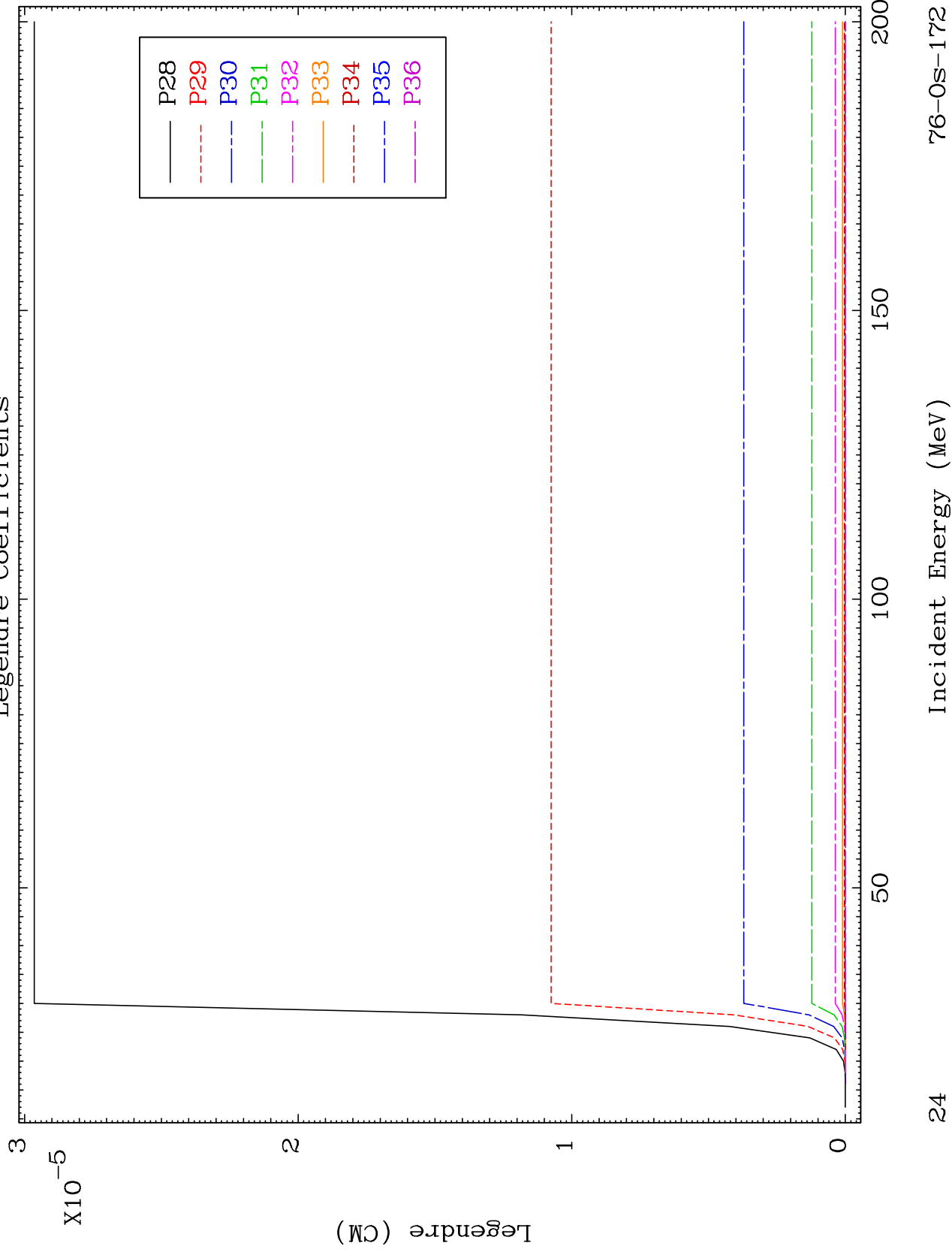
Incident Energy (MeV)

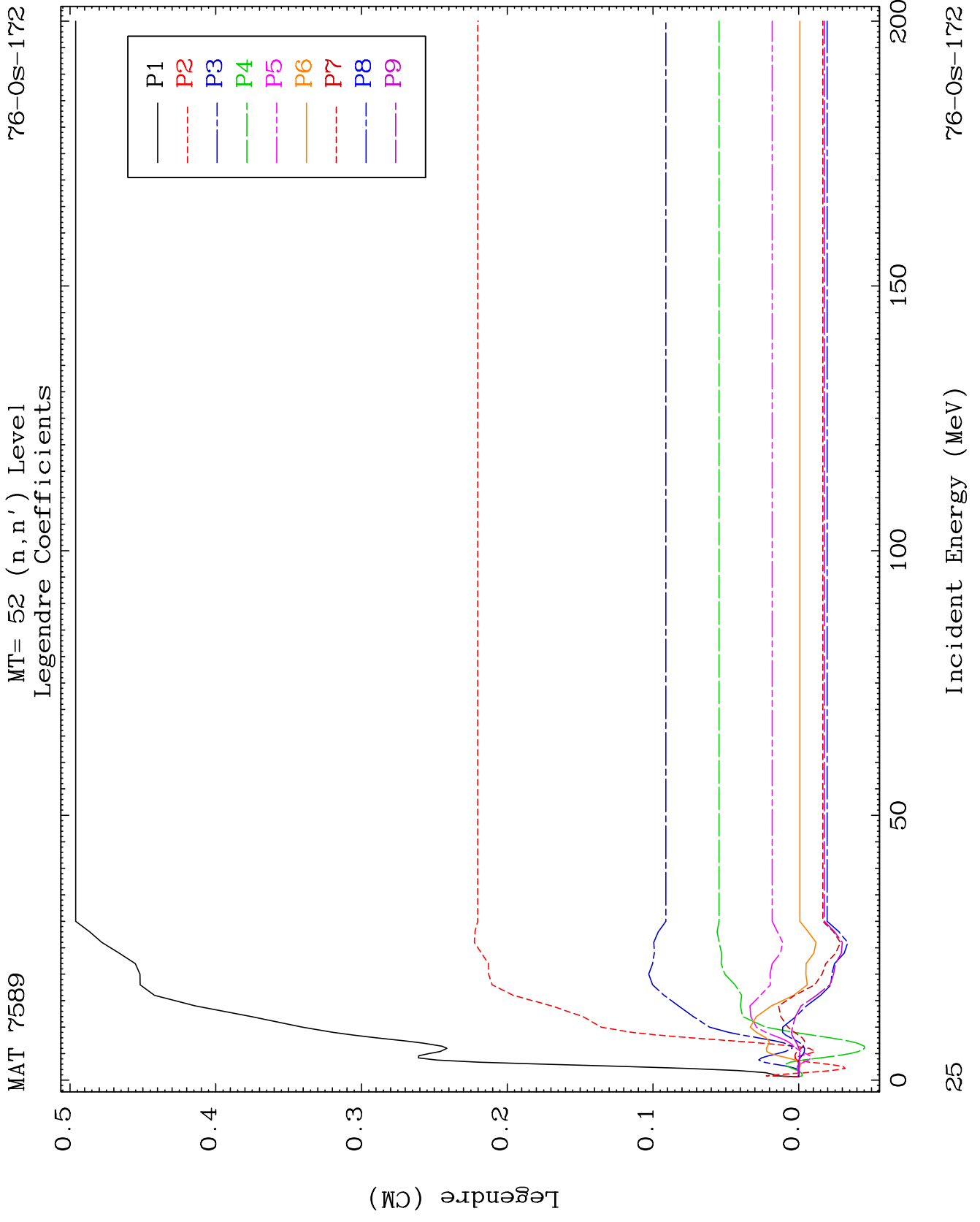
76-0s-172

MAT 7589

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

76-Os-172

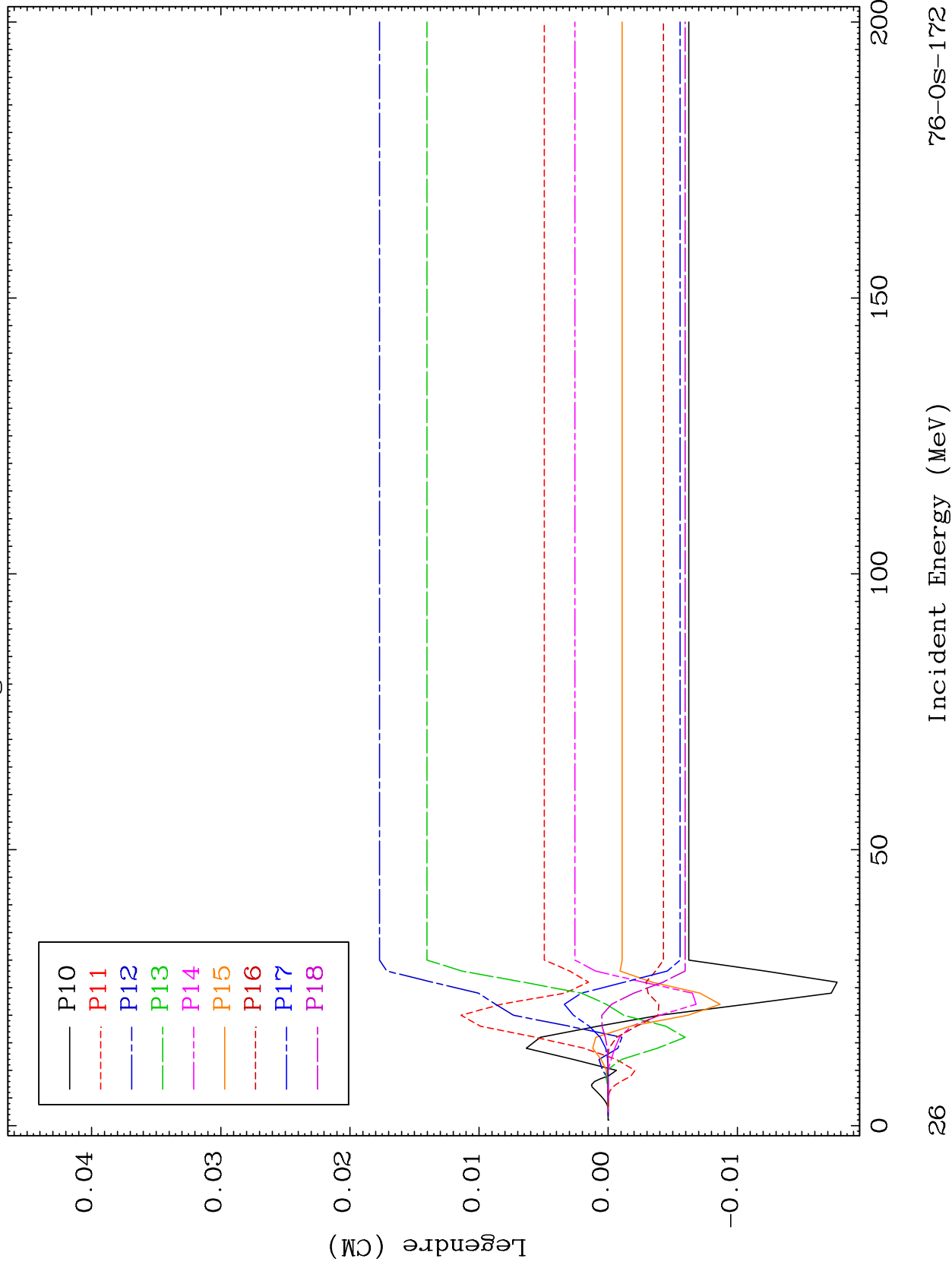




MAT 7589

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

76-0s-172



26

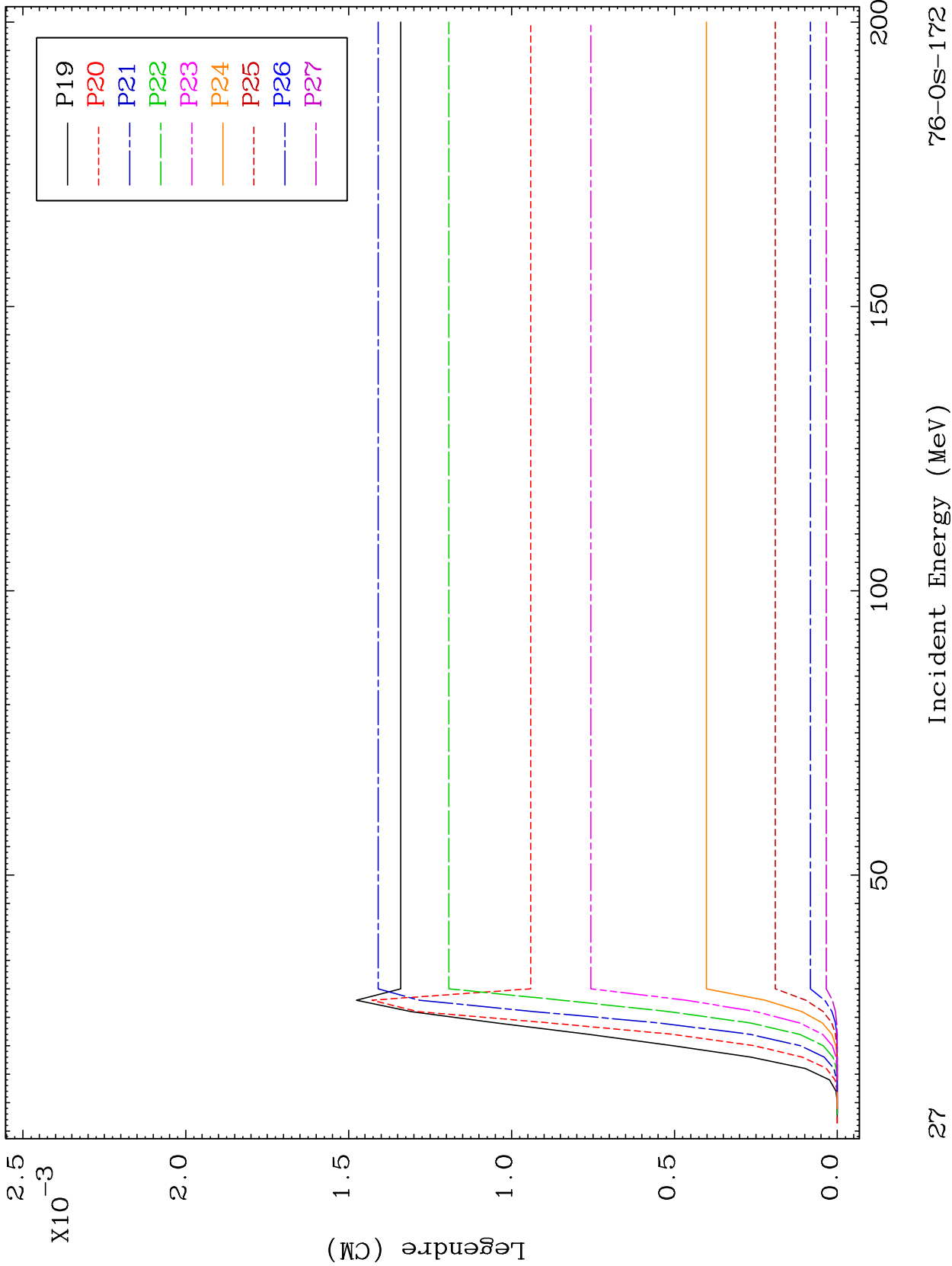
Incident Energy (MeV)

76-0s-172

MAT 7589

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

76-Os-172



27

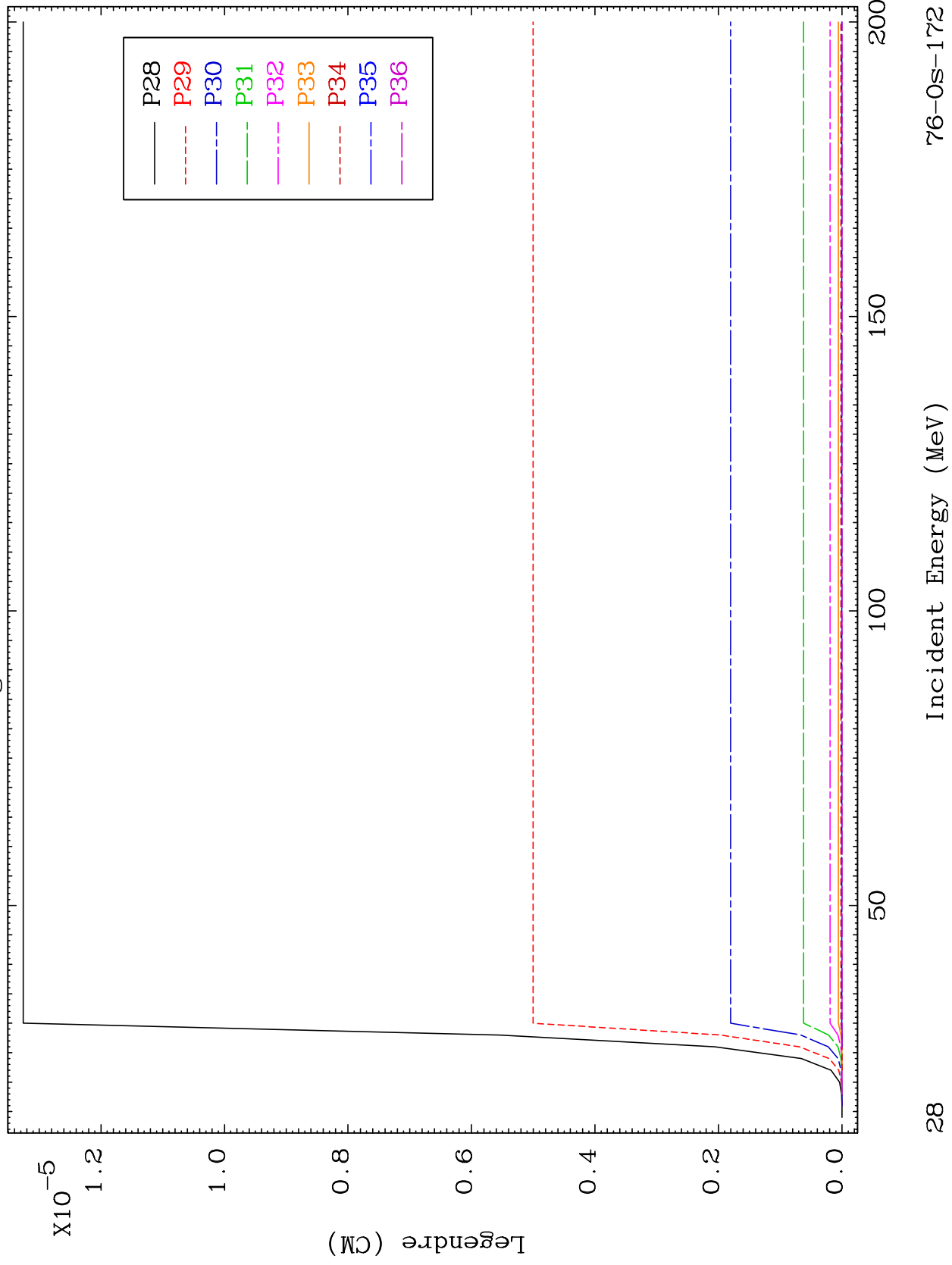
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



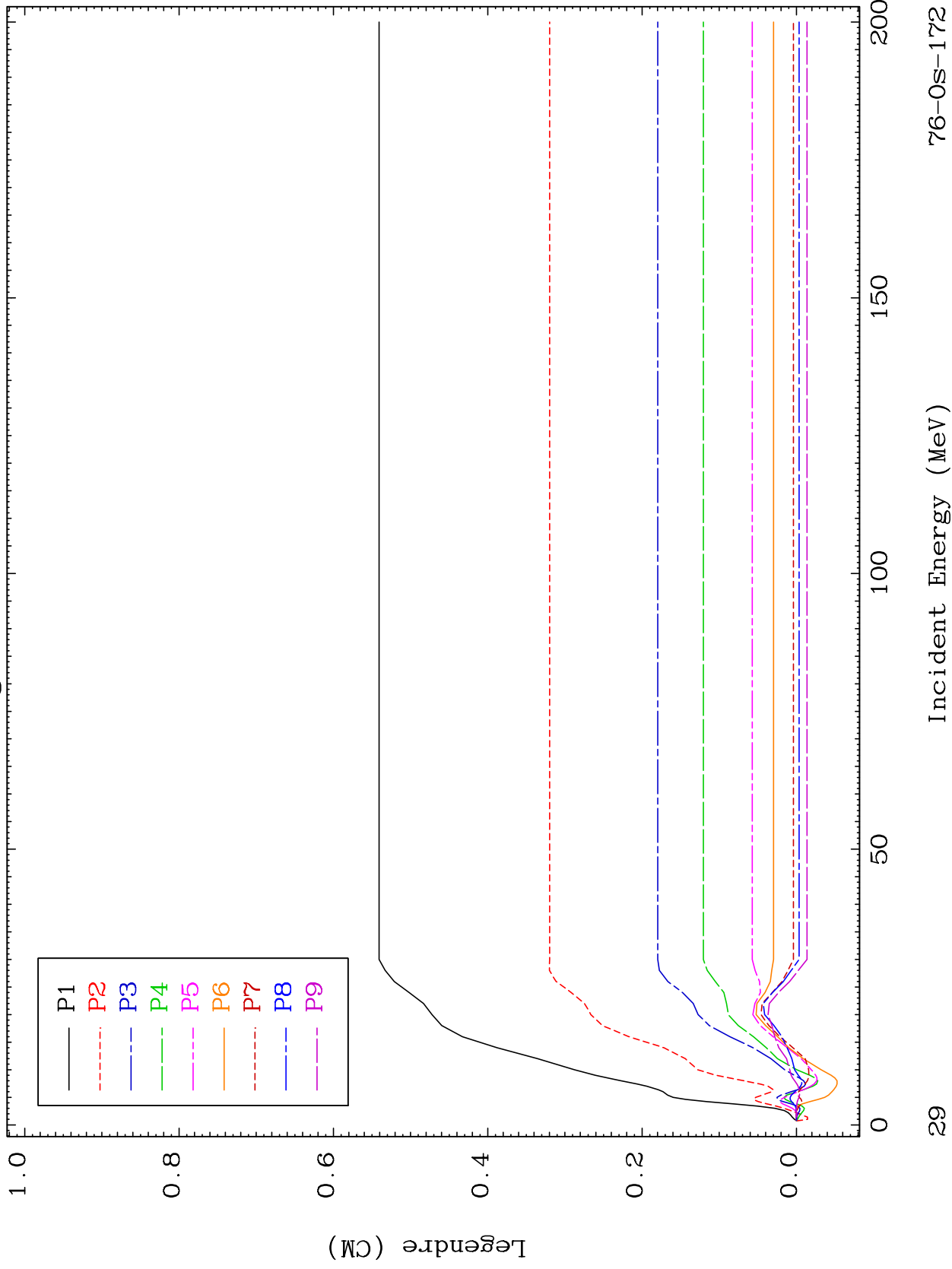
28

76-0s-172

MAT 7589

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

76-0s-172

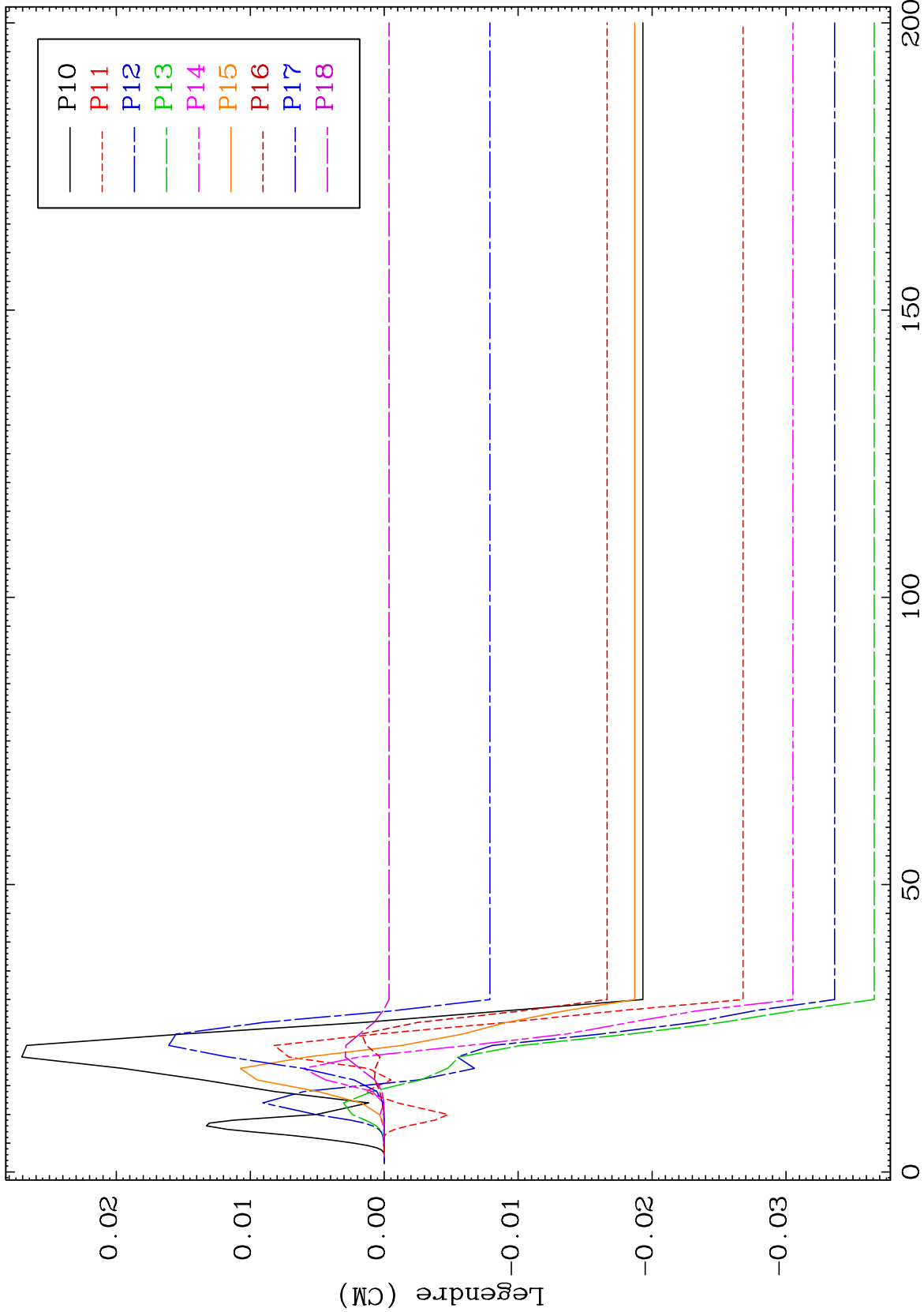


29

MAT 7589

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

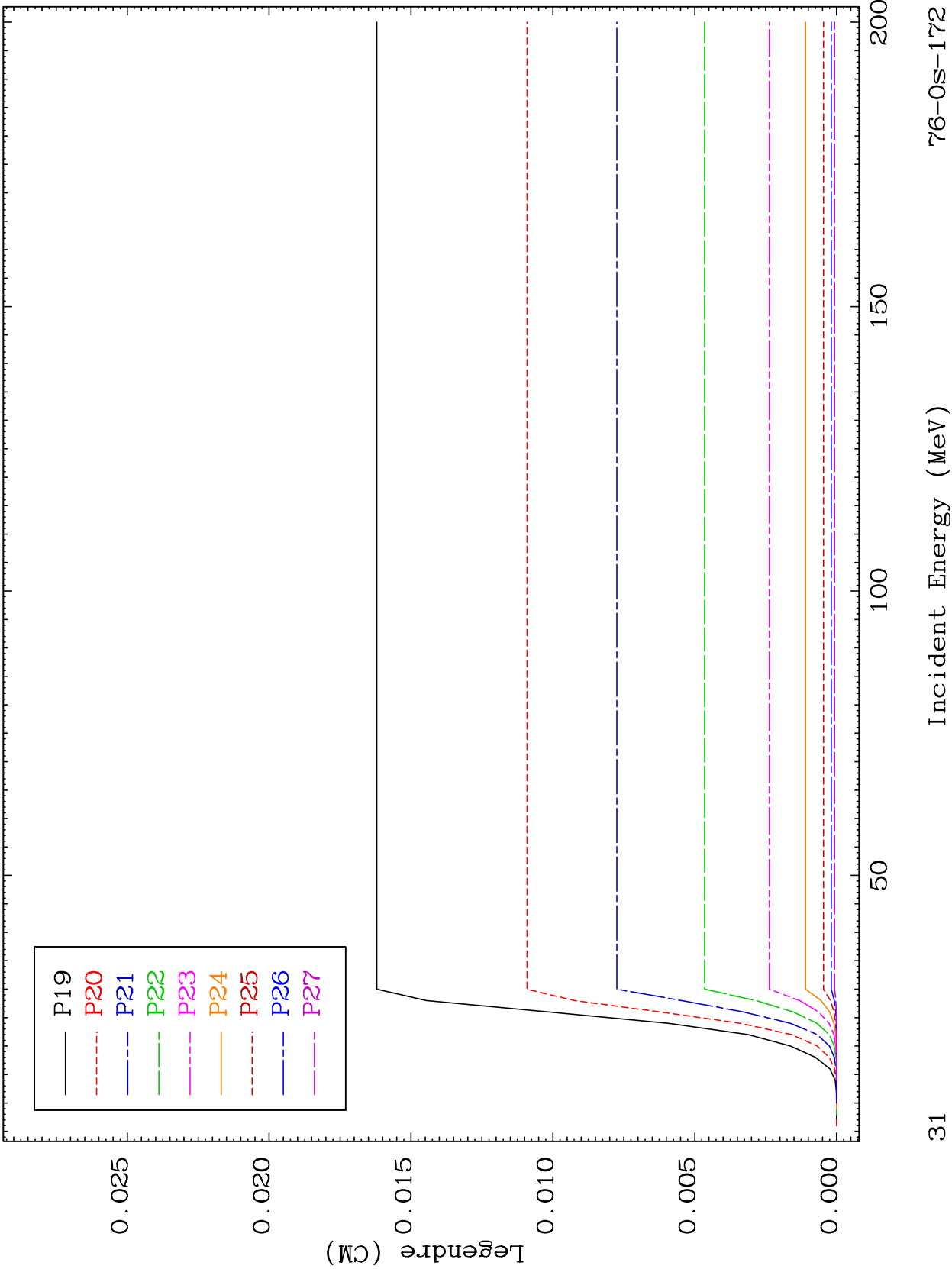
76-Os-172



76-Os-172

Incident Energy (MeV)

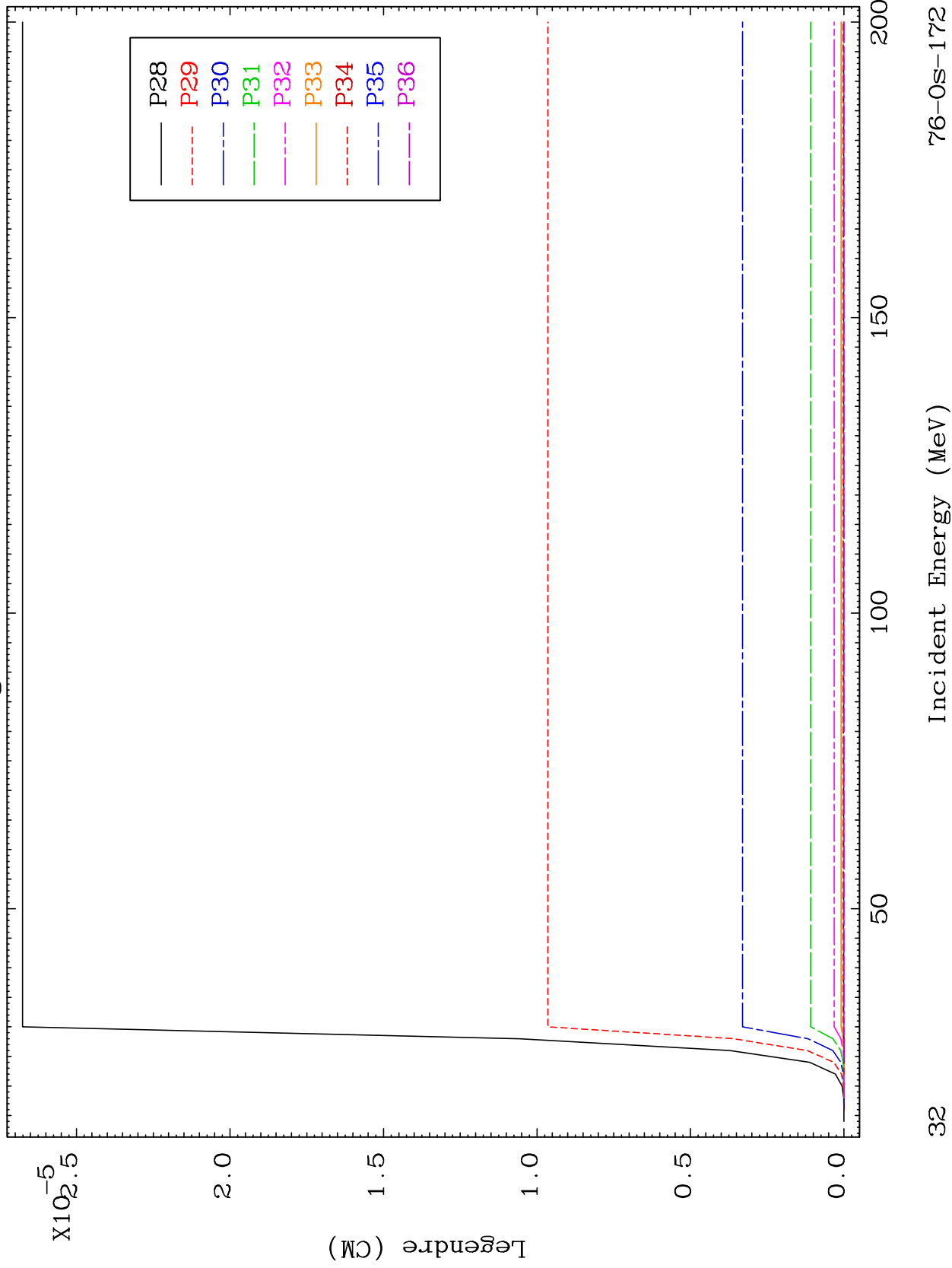
30

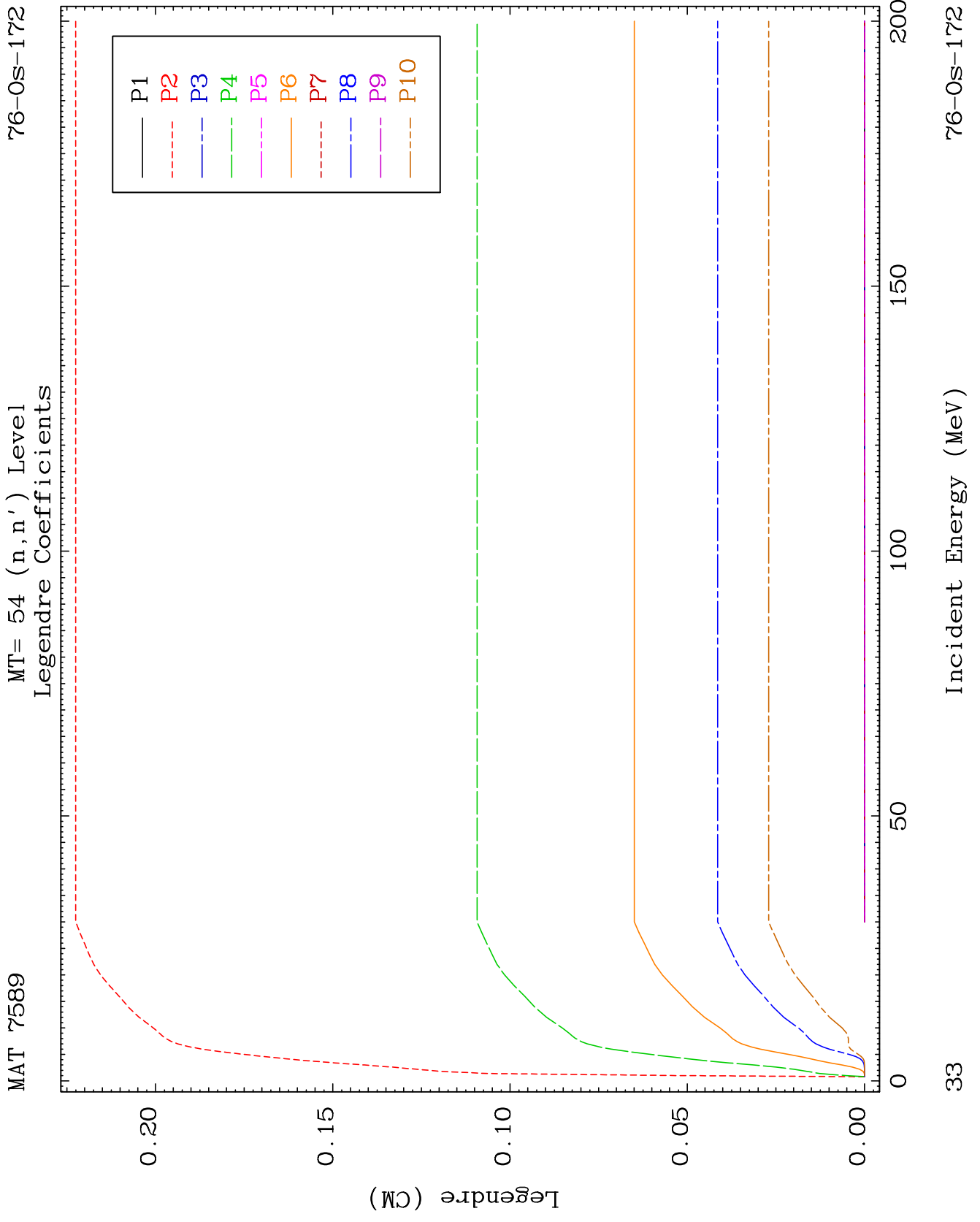


MAT 7589

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

76-Os-172

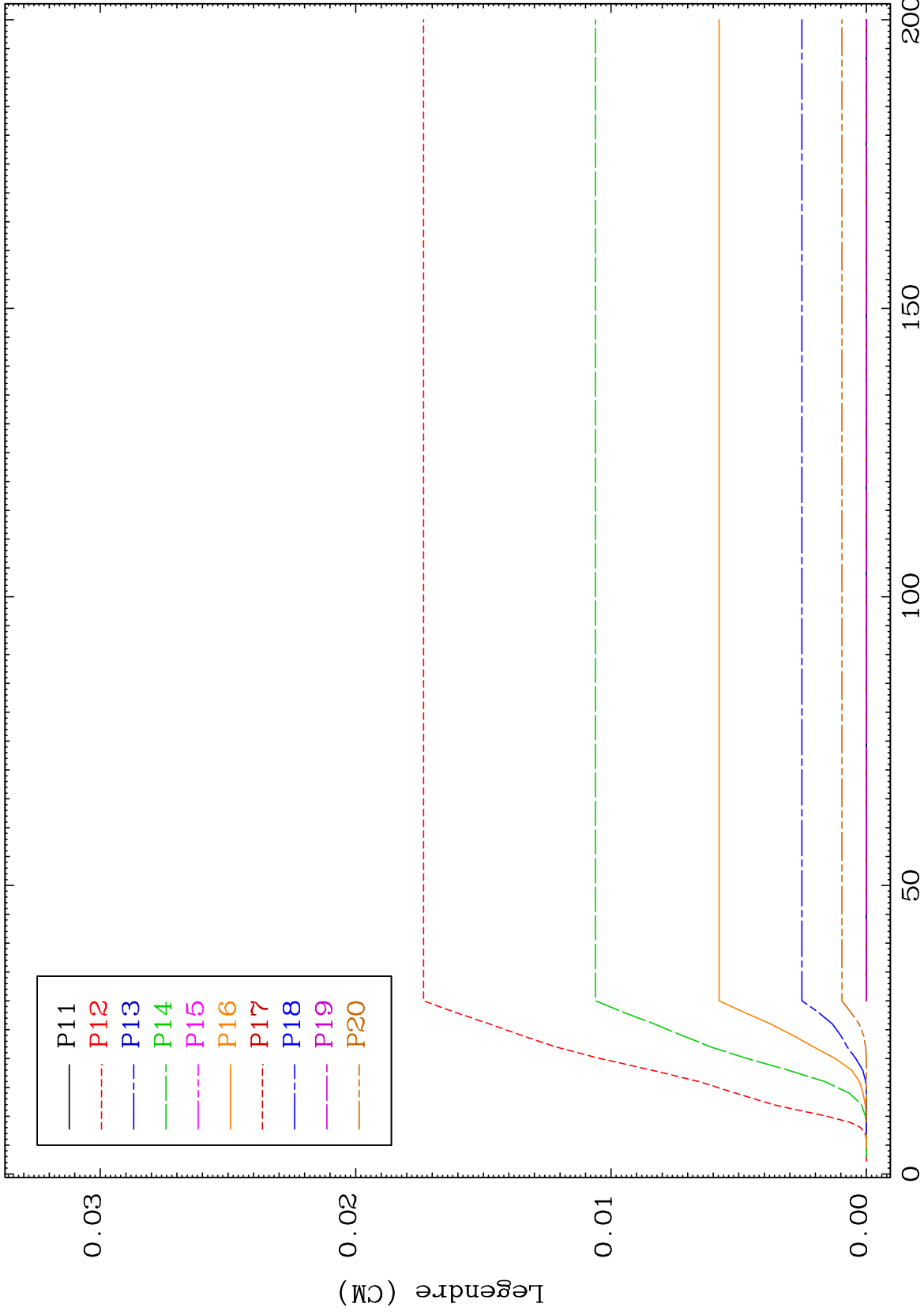




MAT 7589

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

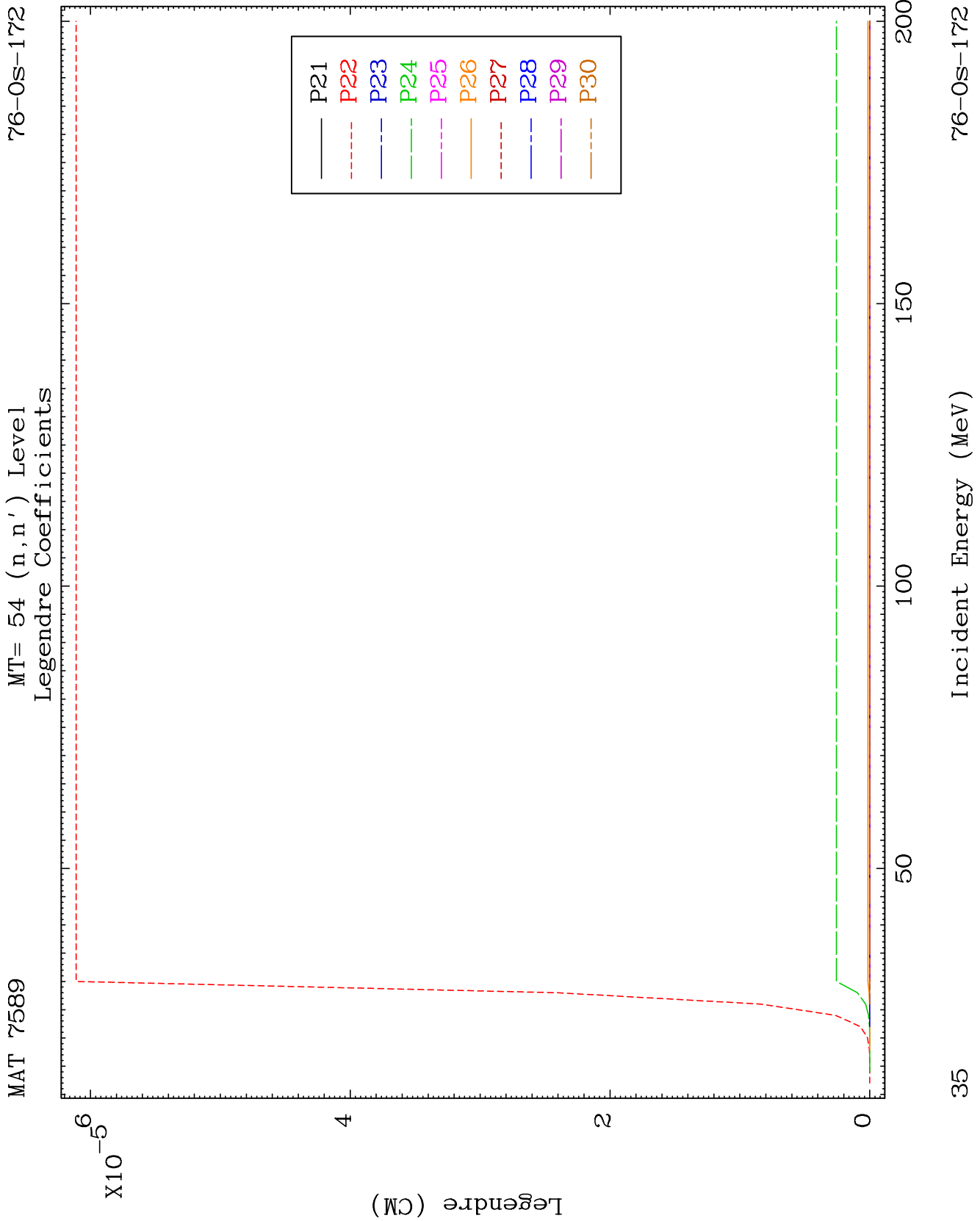
76-0s-172



34

Incident Energy (MeV)

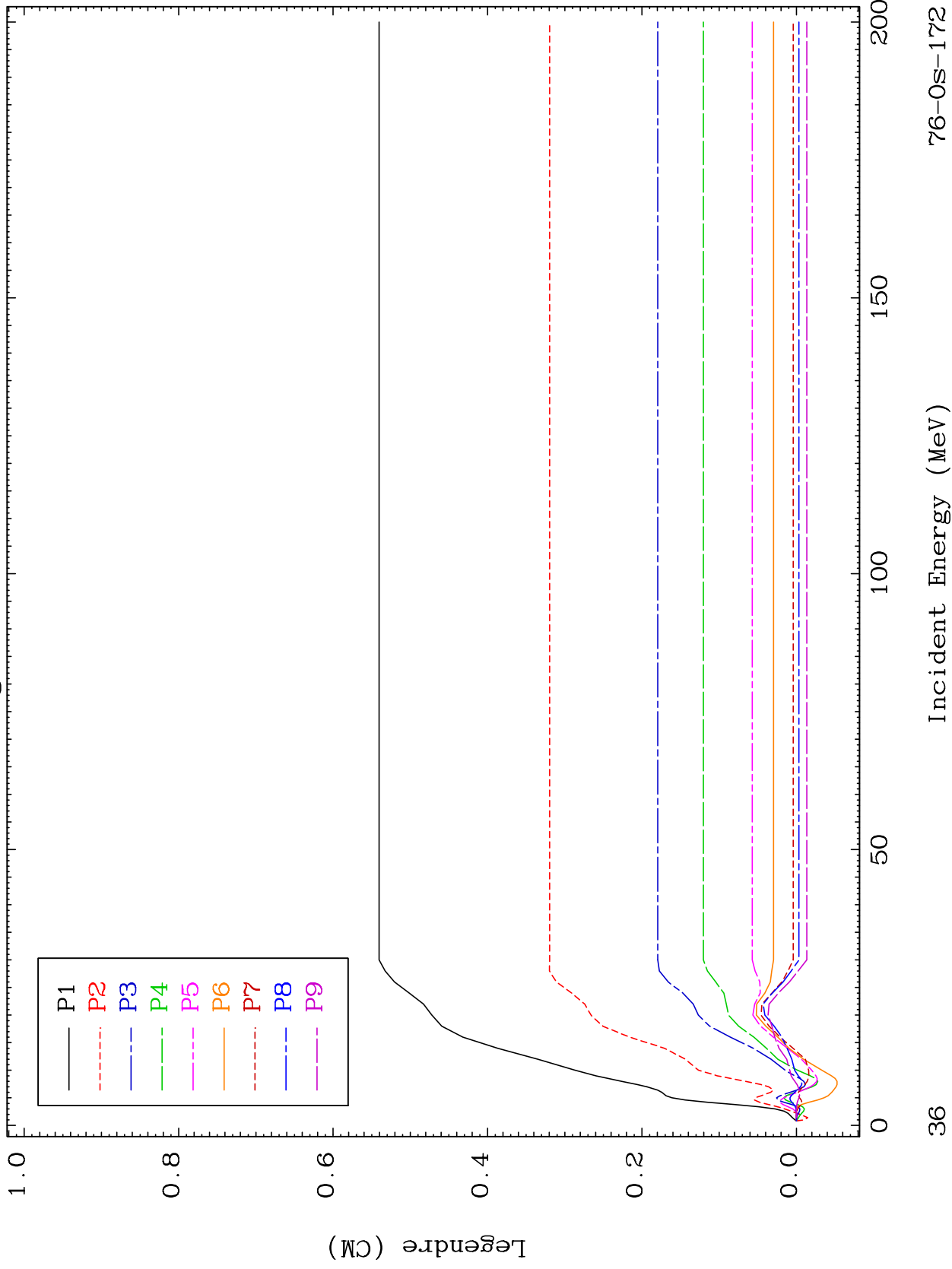
76-0s-172



MAT 7589

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

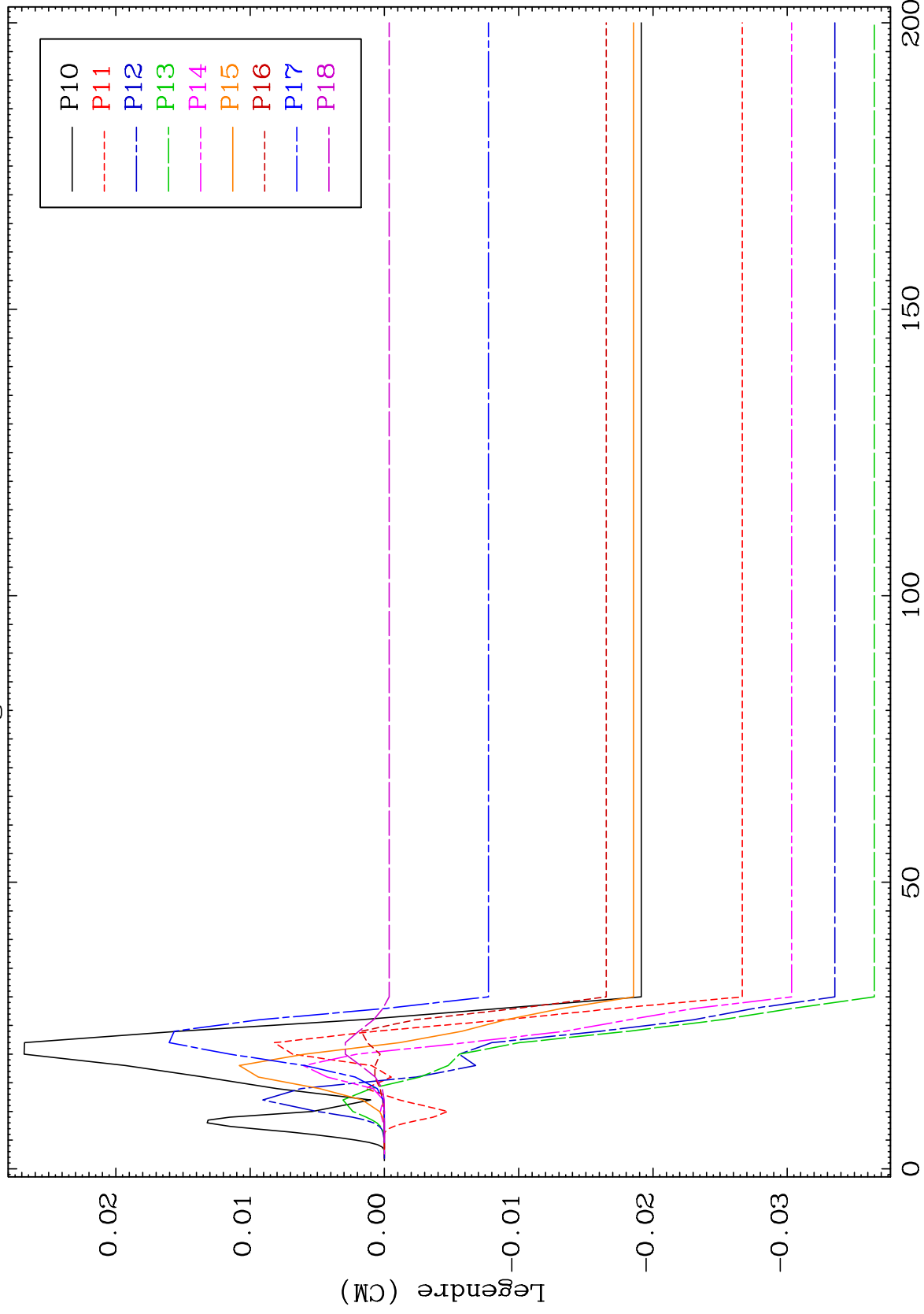
76-0s-172



MAT 7589

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

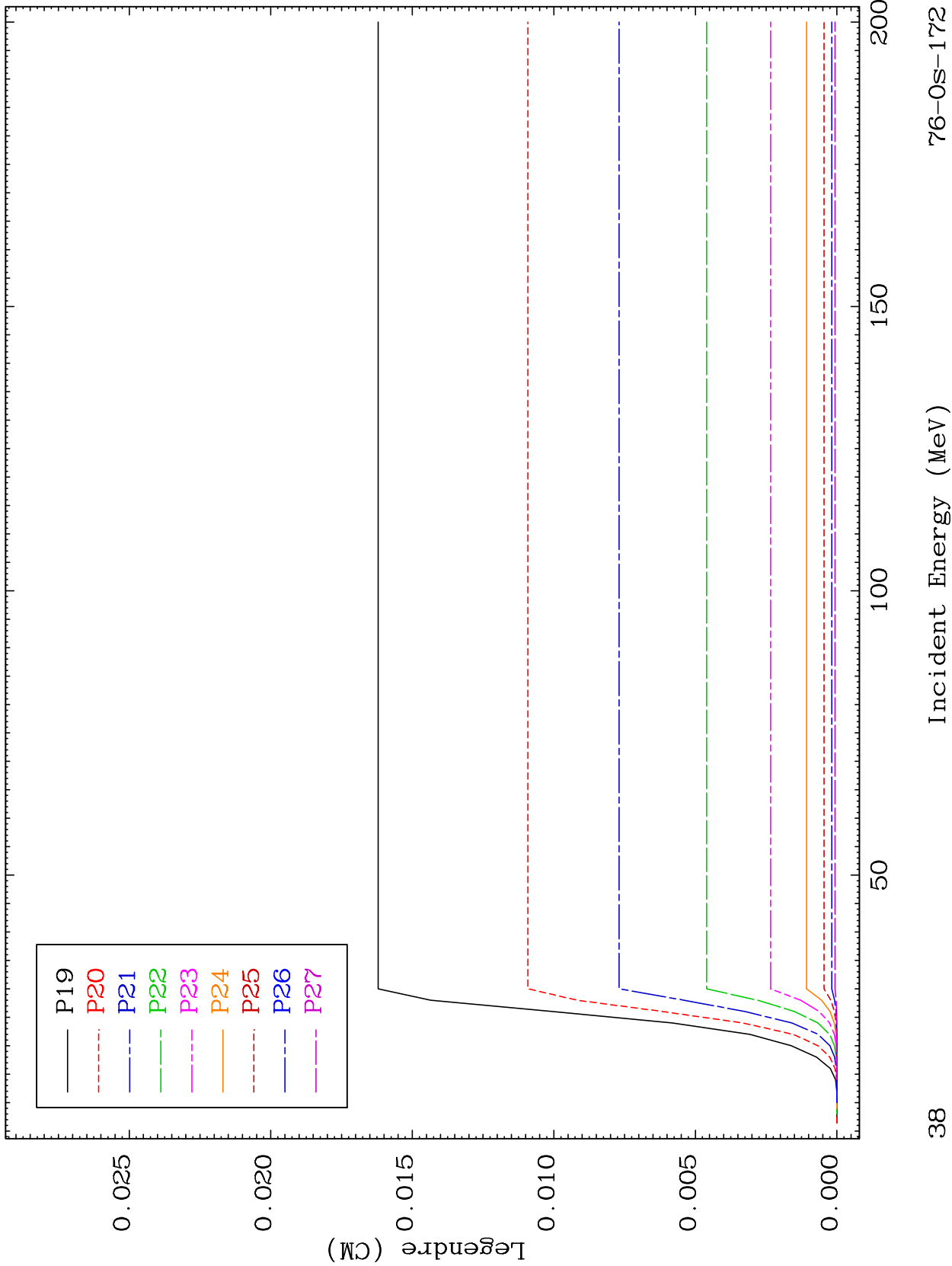
76-0s-172



37

Incident Energy (MeV)

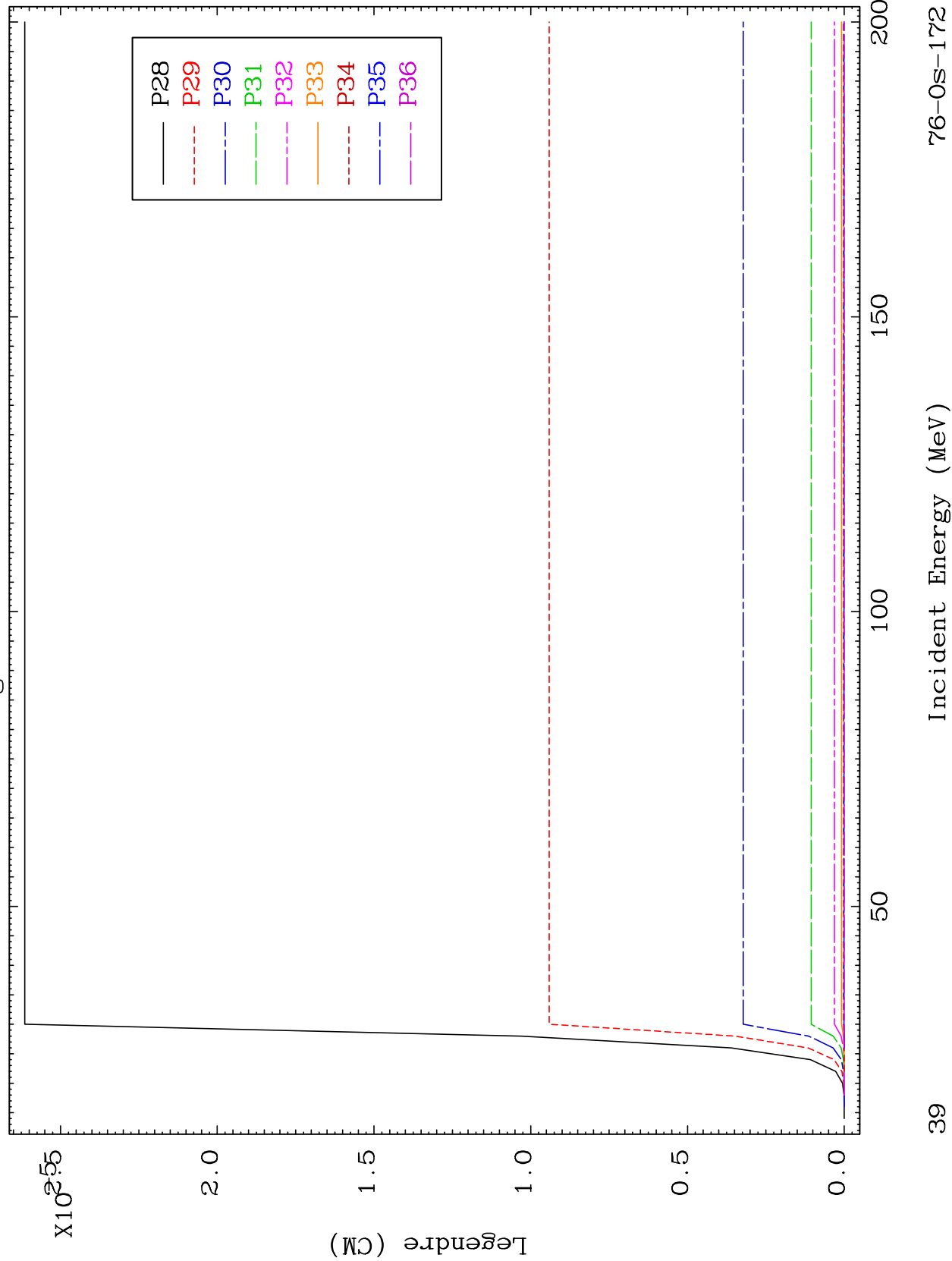
76-0s-172



MAT 7589

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

76-Os-172



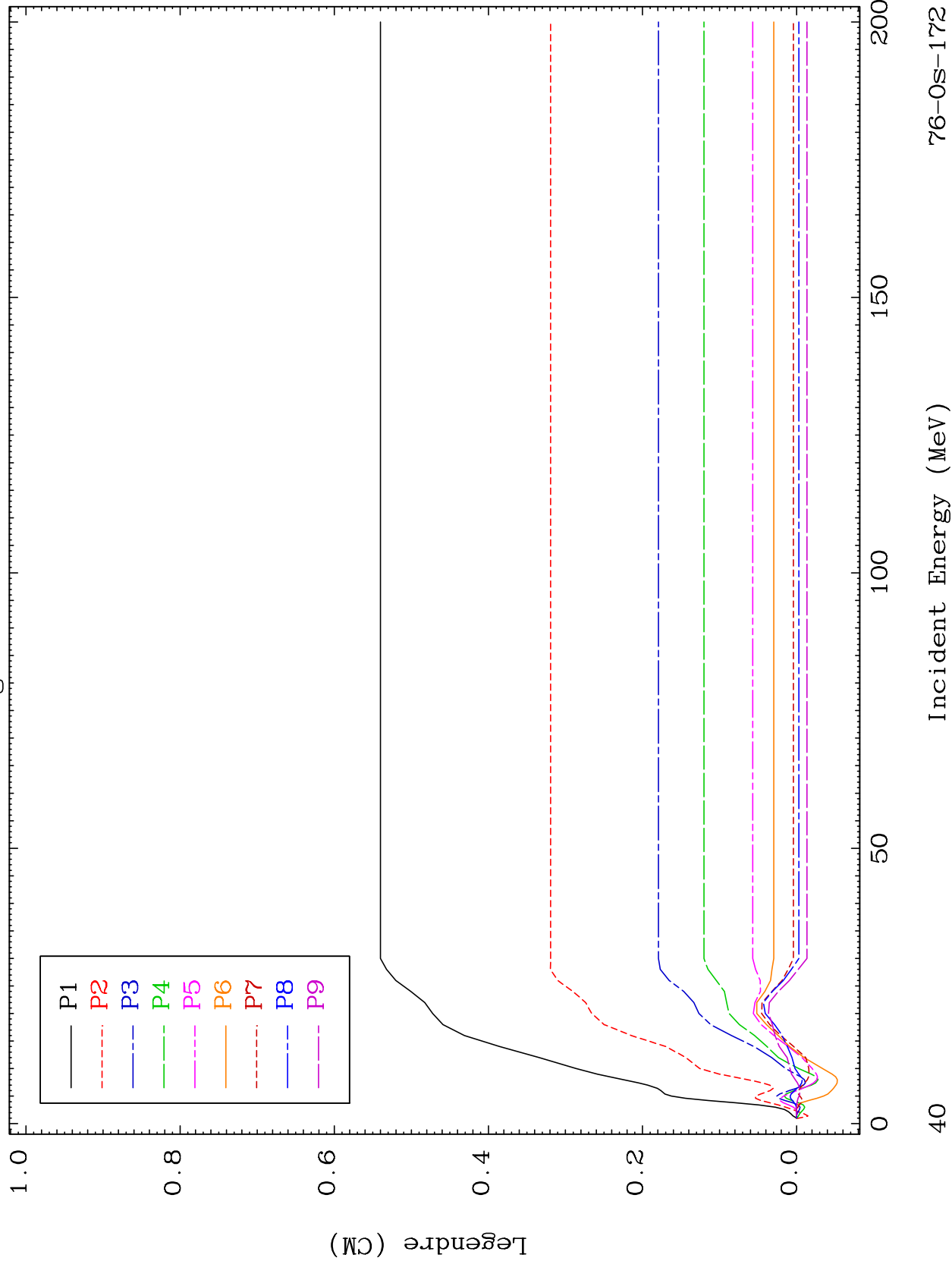
39

76-Os-172

MAT 7589

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

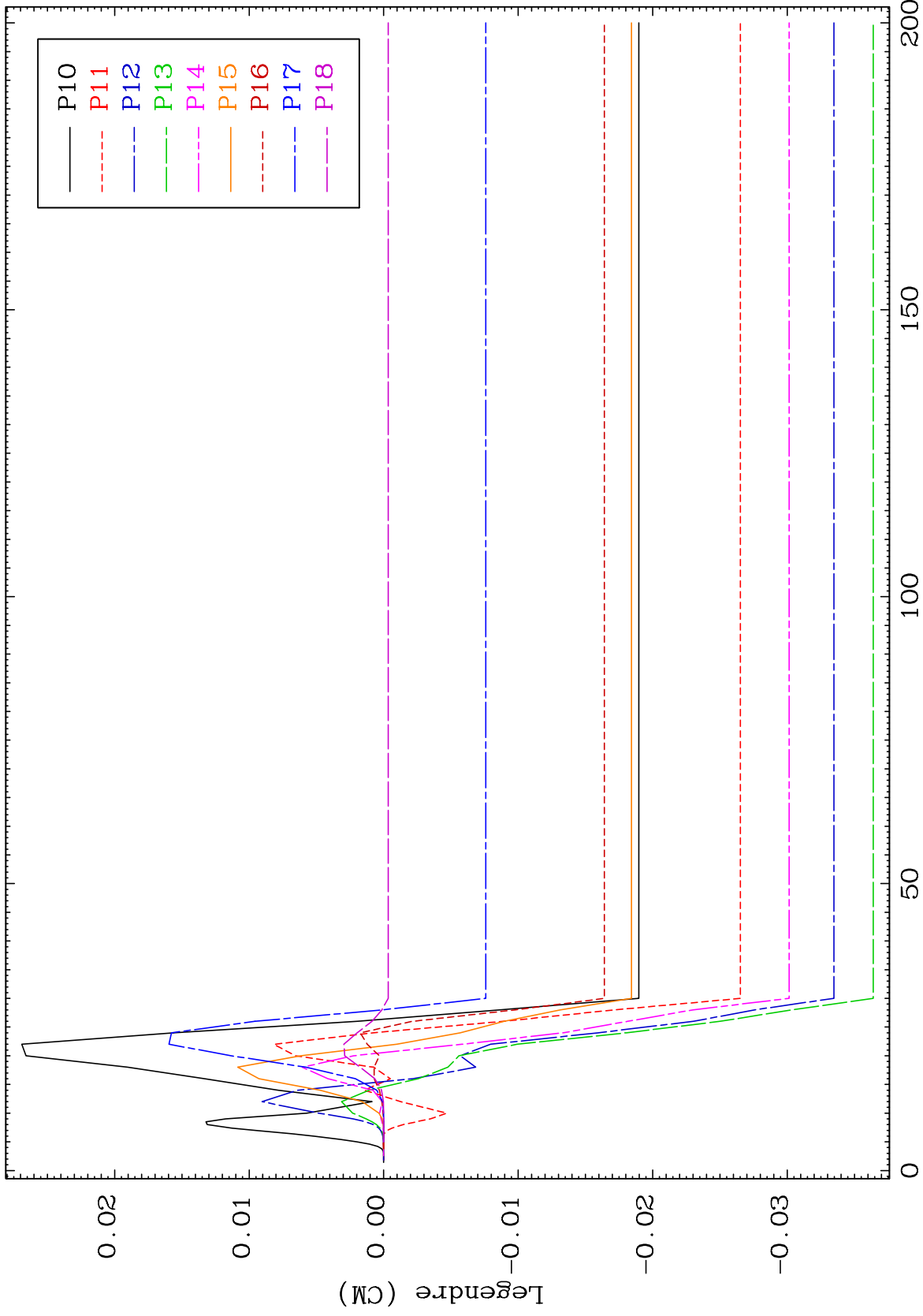
76-0s-172



MAT 7589

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

76-Os-172



41

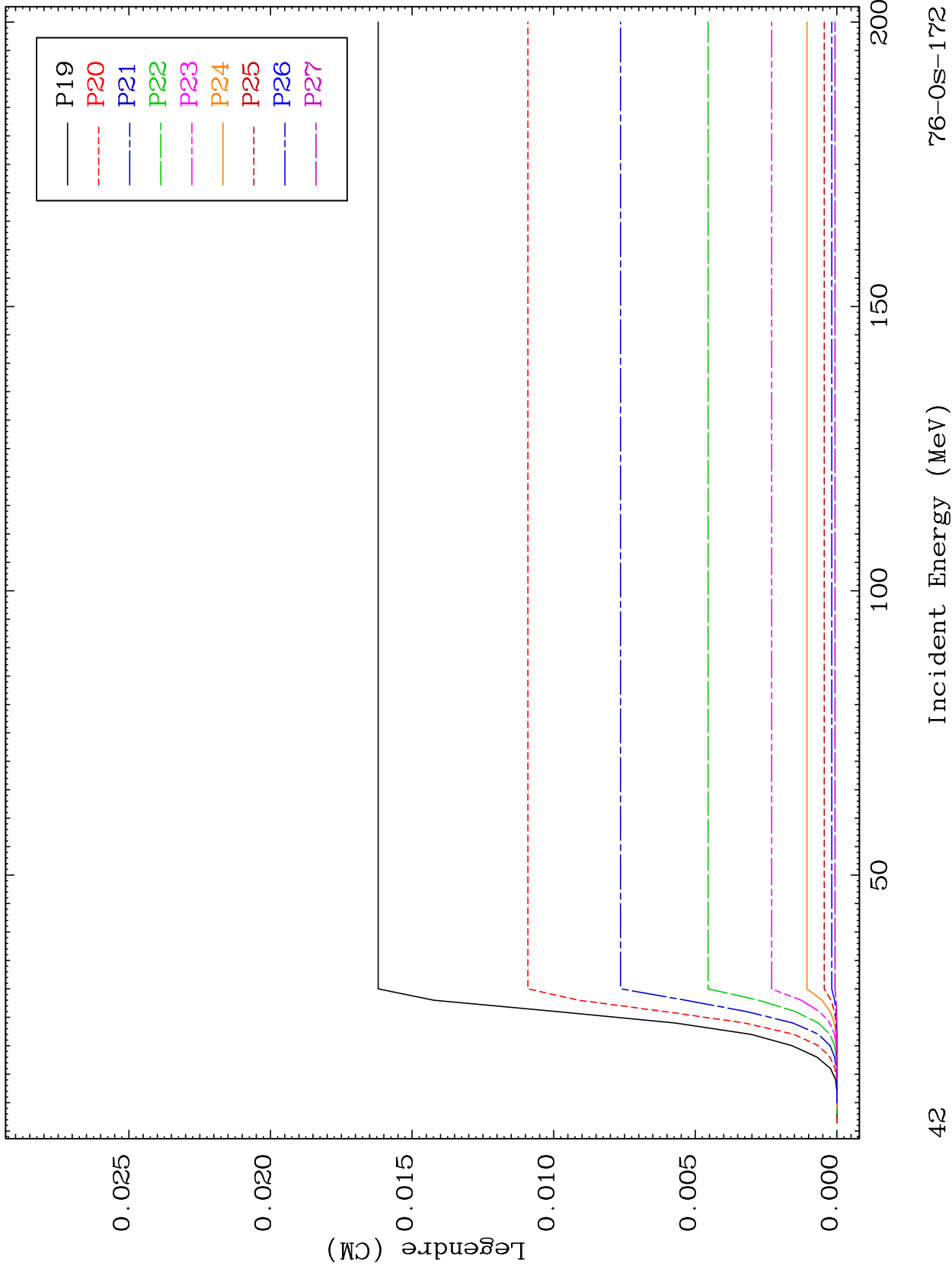
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-Os-172



42

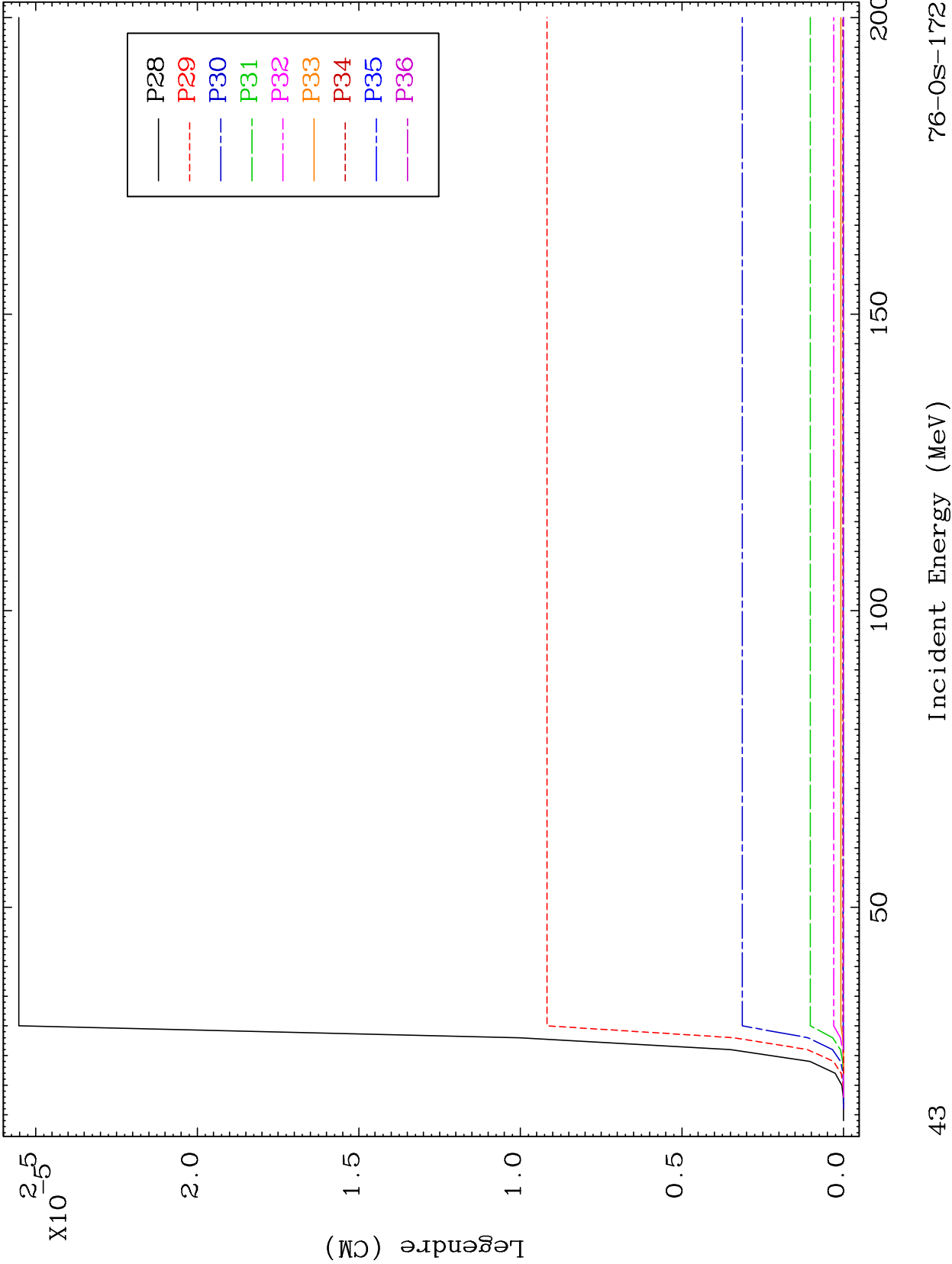
Incident Energy (MeV)

76-Os-172

MAT 7589

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

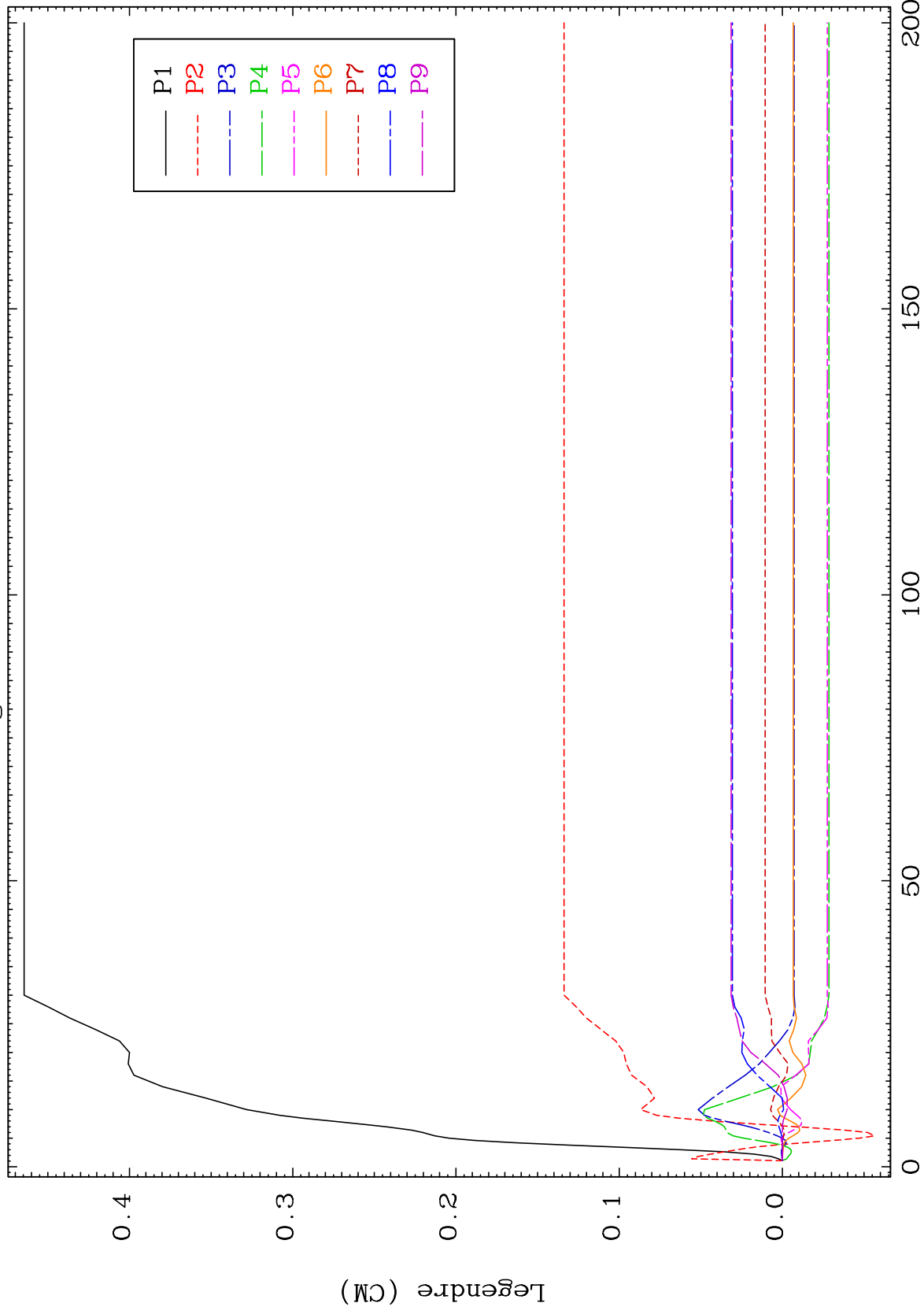
76-Os-172



MAT 7589

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

76-Os-172



44

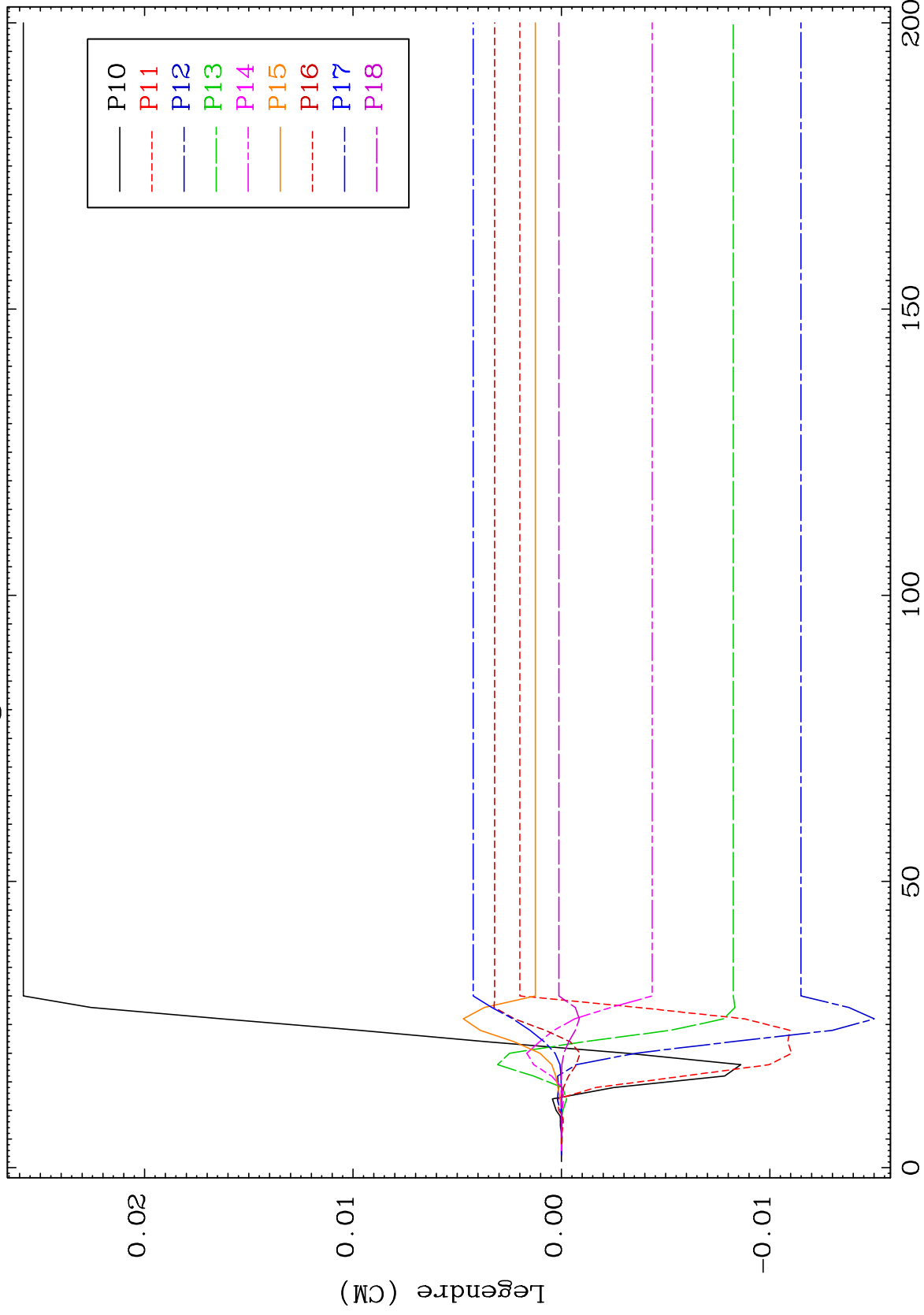
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



76-0s-172

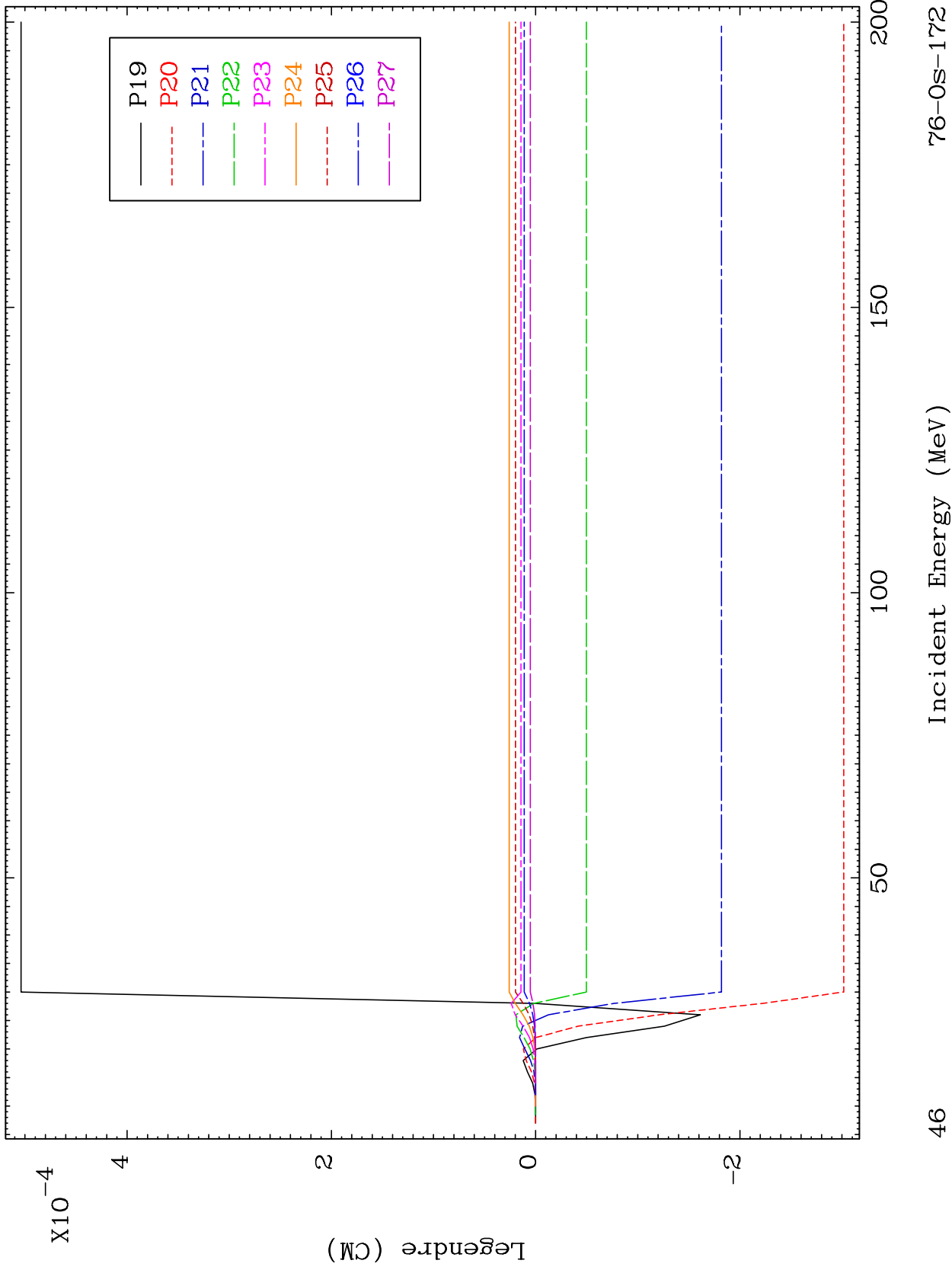
Incident Energy (MeV)

45

MAT 7589

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

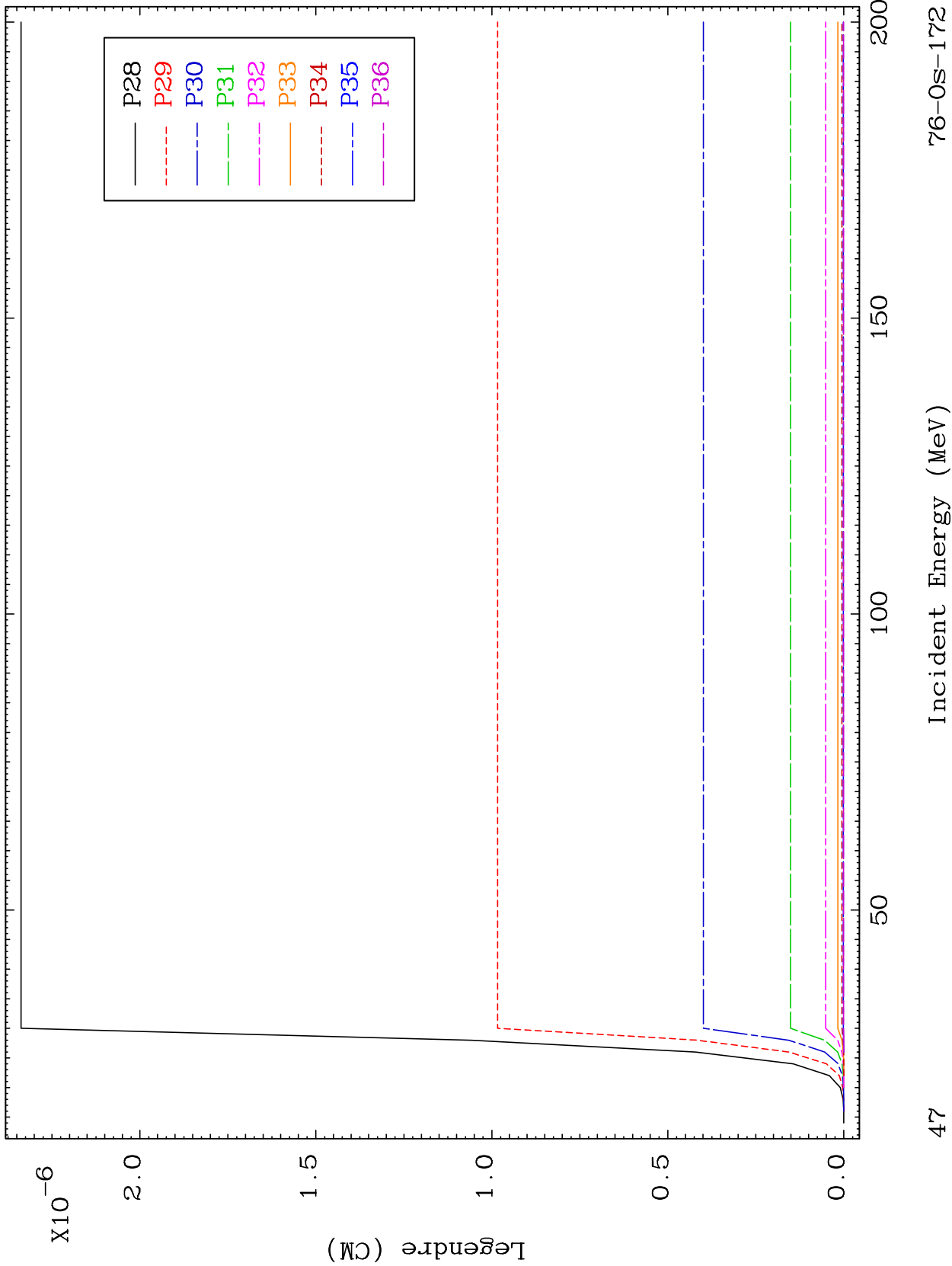
76-Os-172



MAT 7589

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

76-Os-172

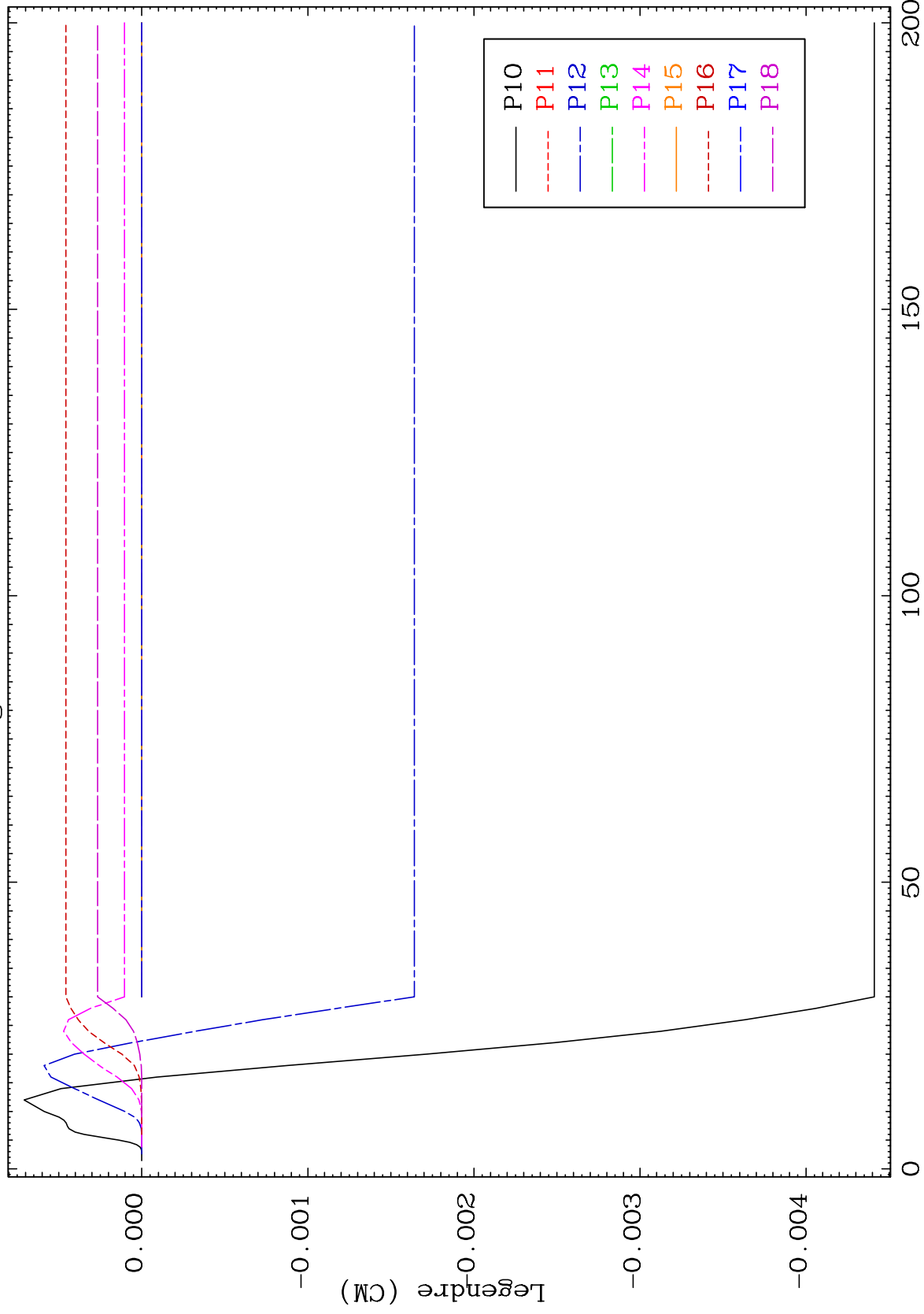




MAT 7589

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

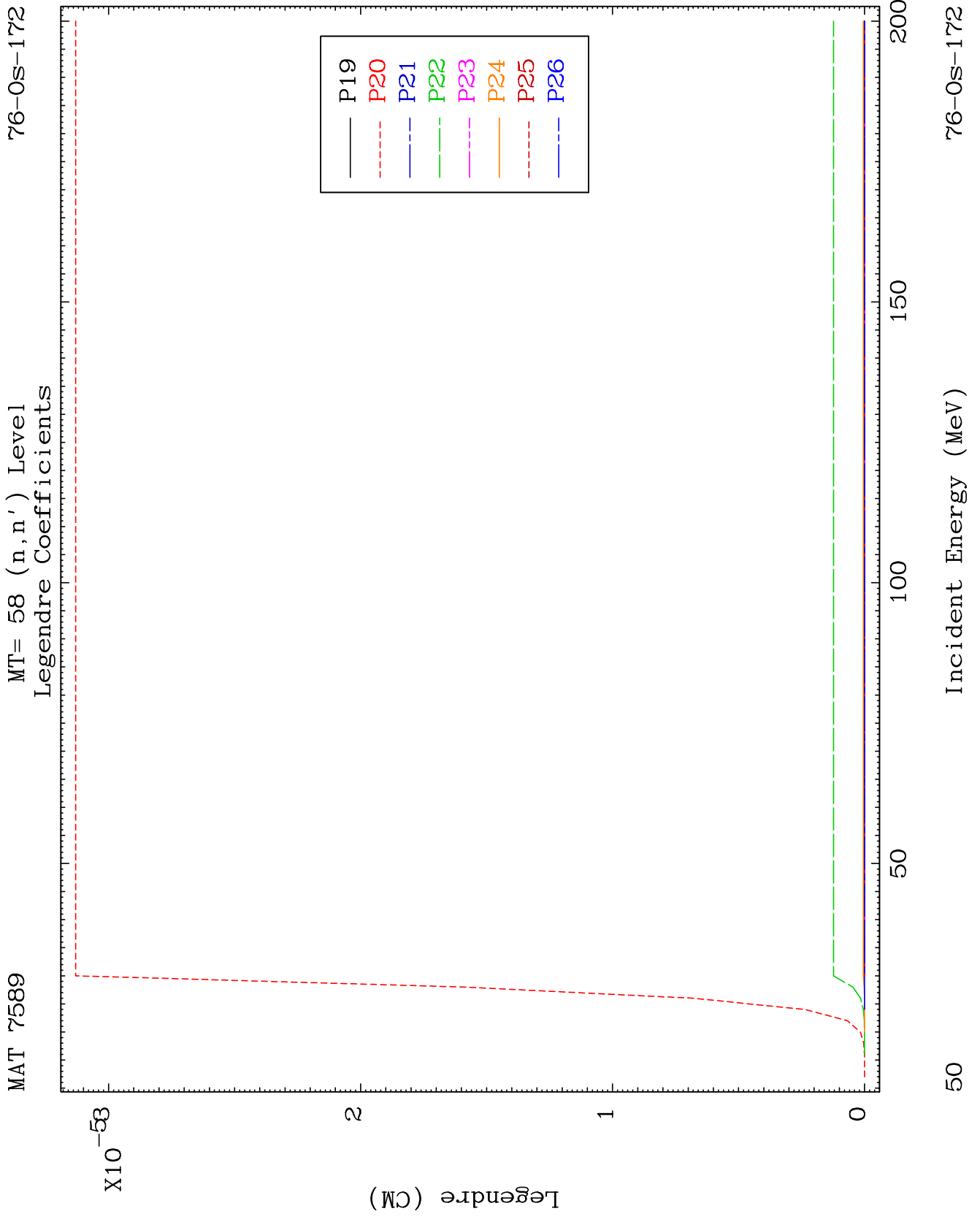
76-0s-172



49

Incident Energy (MeV)

76-0s-172

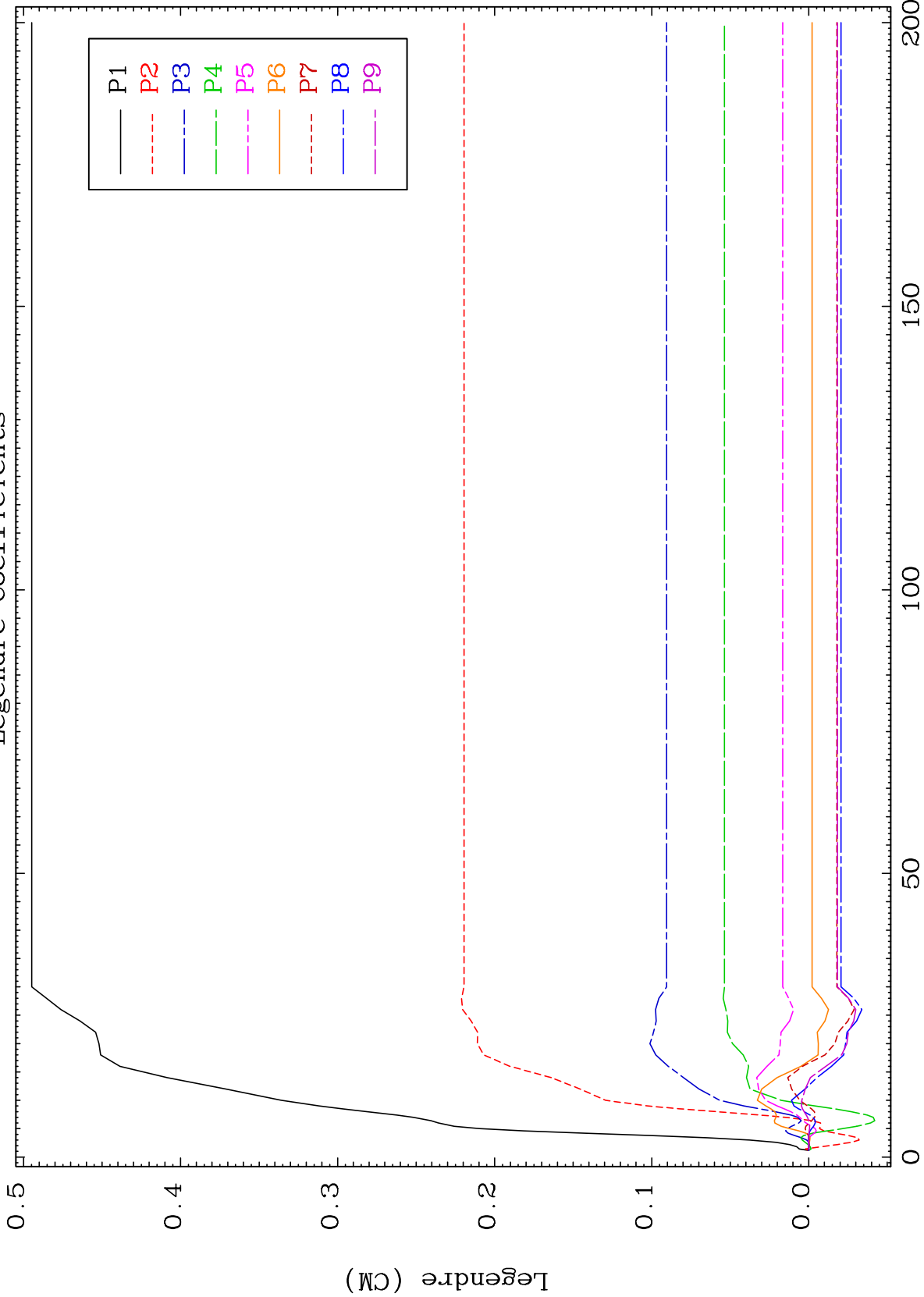


MAT 7589

MT= 59 (n,n') Level

76-Os-172

Legendre Coefficients



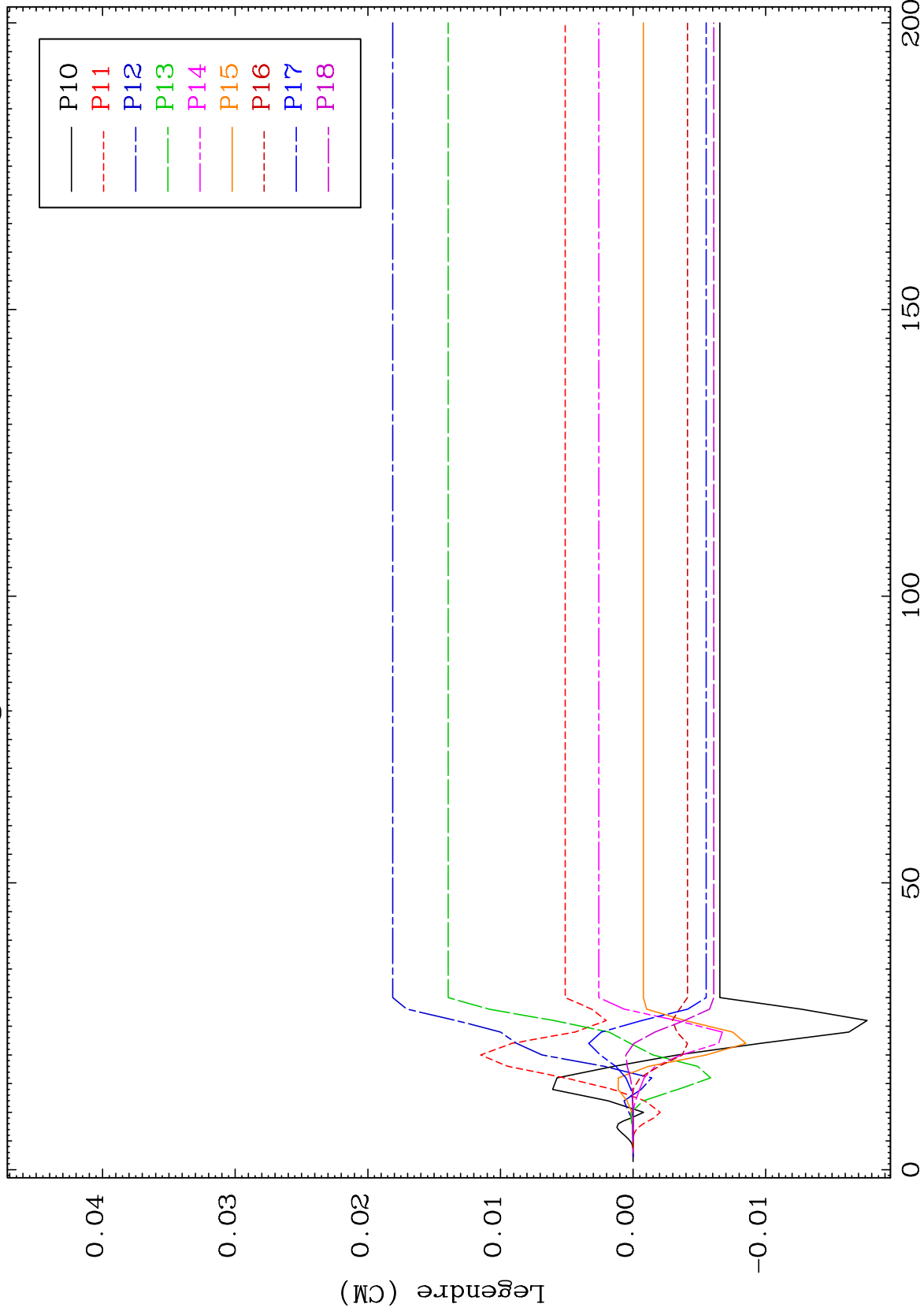
51

76-Os-172

MAT 7589

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

76-Os-172



52

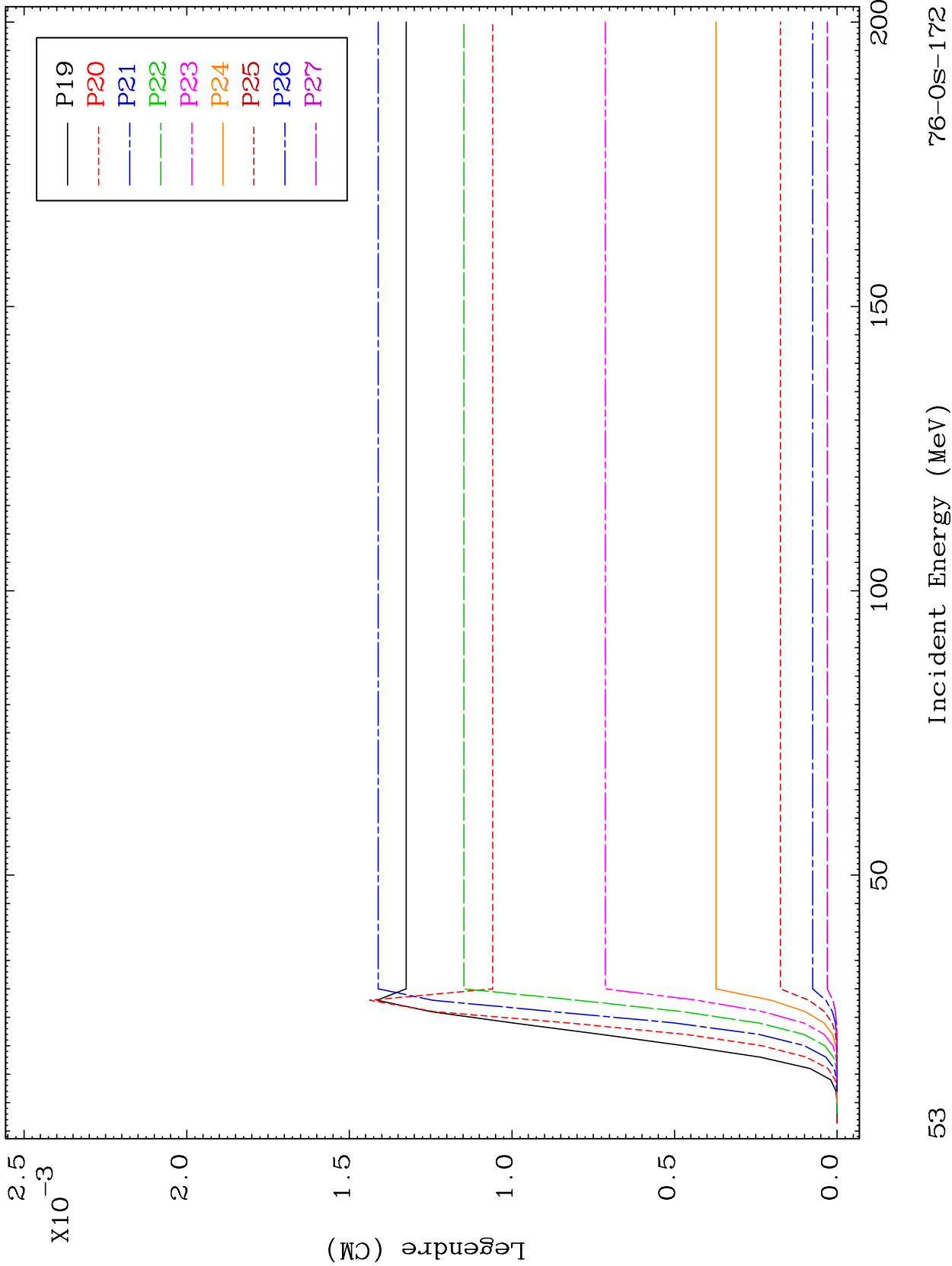
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-Os-172



53

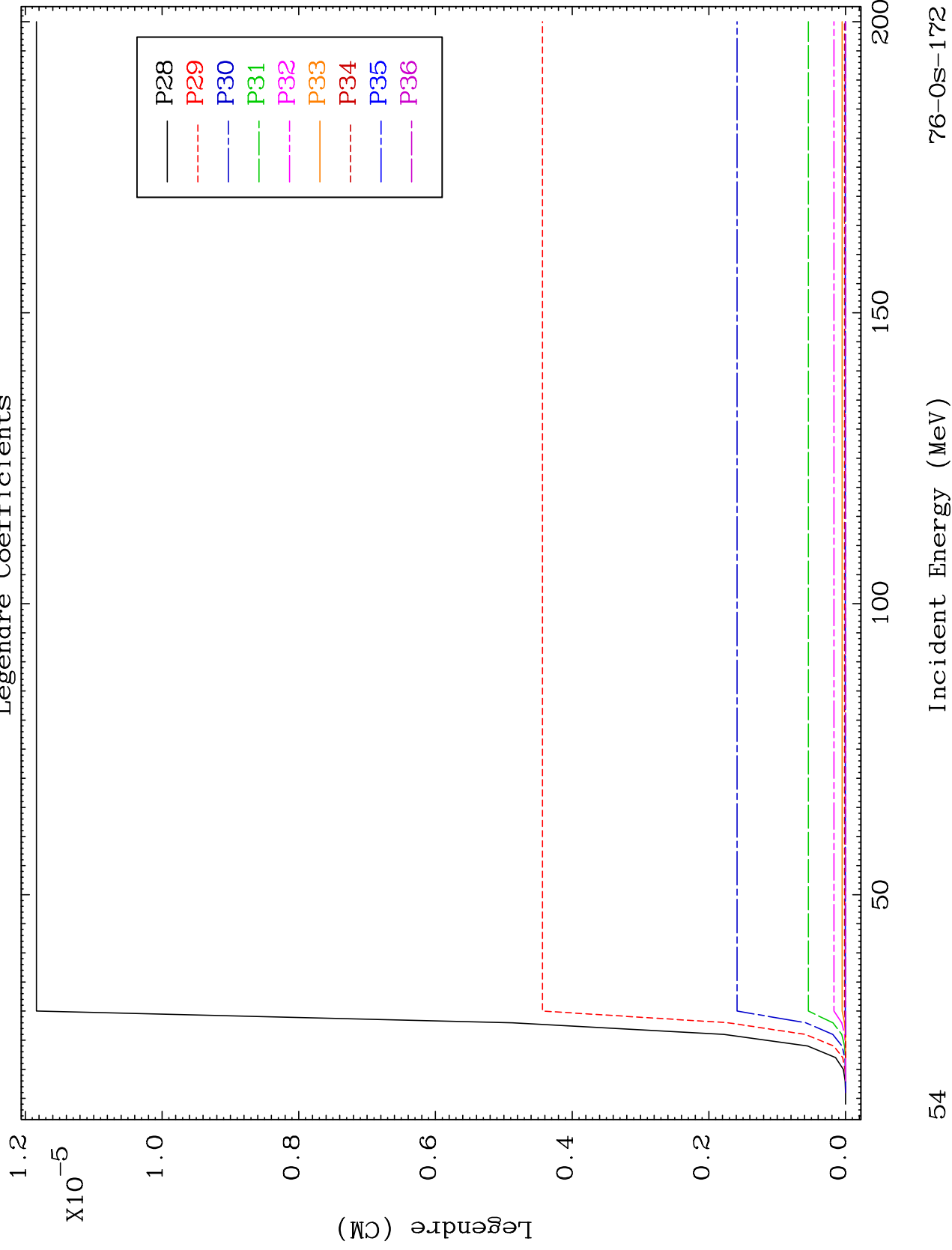
Incident Energy (MeV)

76-Os-172

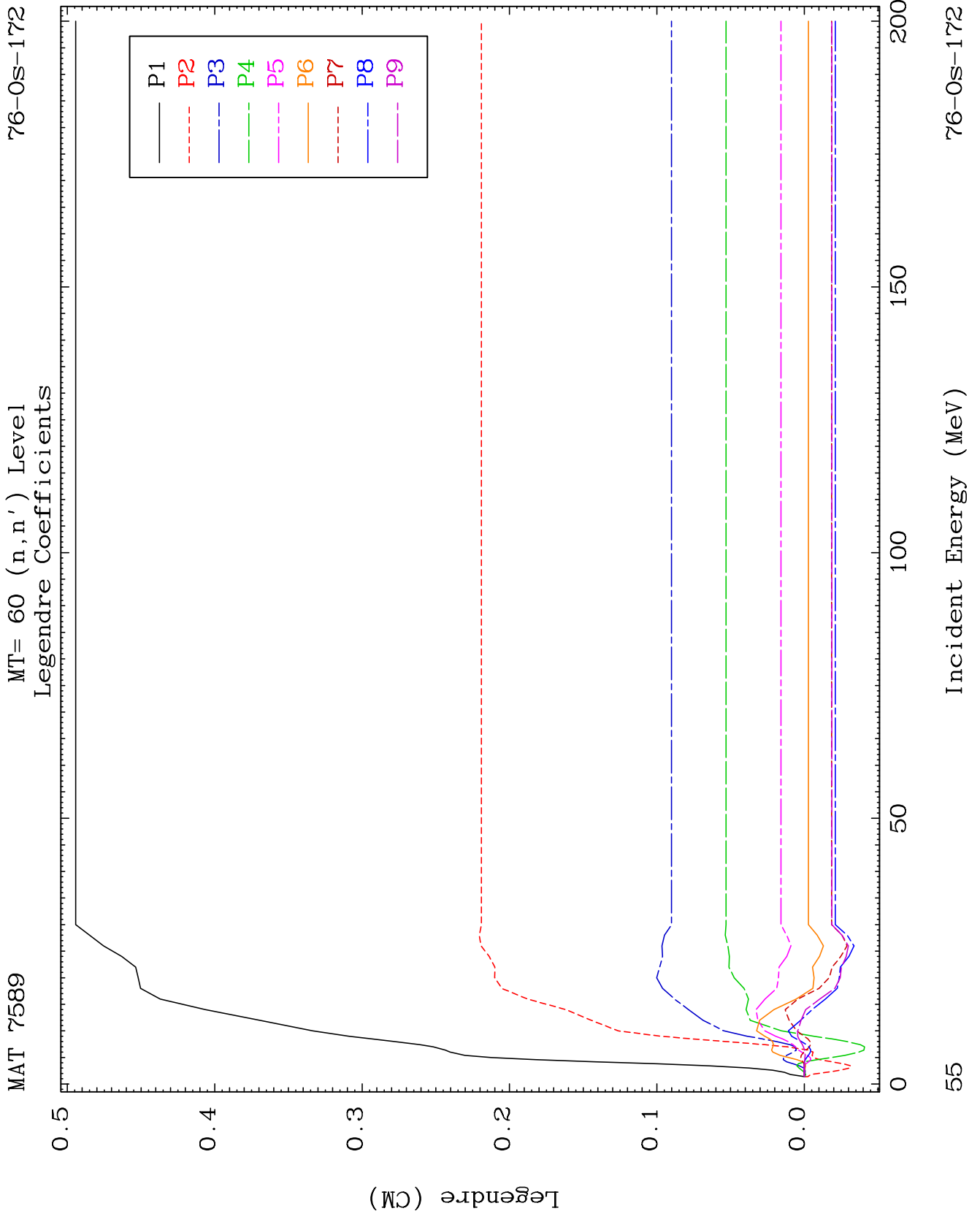
MAT 7589

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

76-Os-172



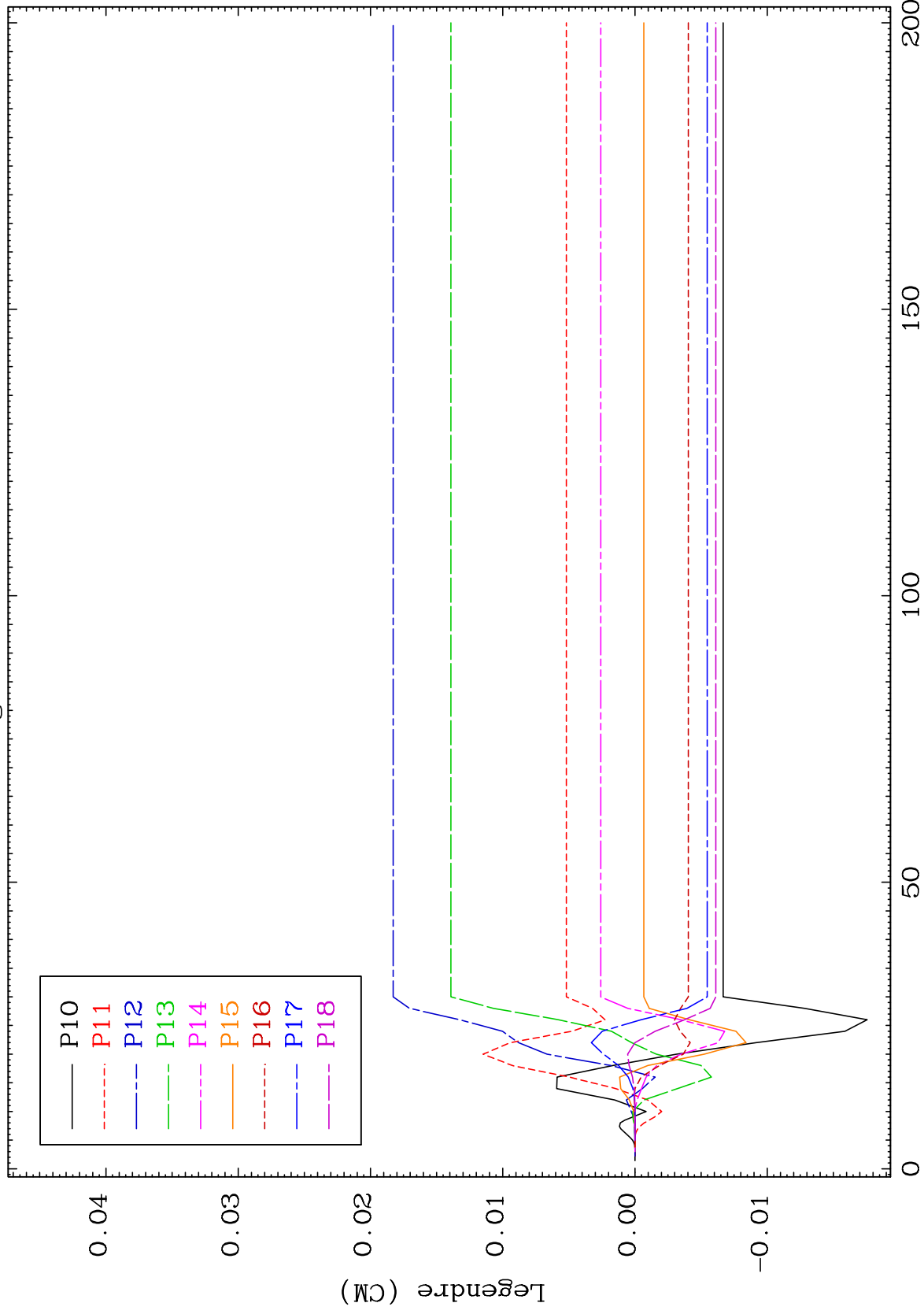
54



MAT 7589

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

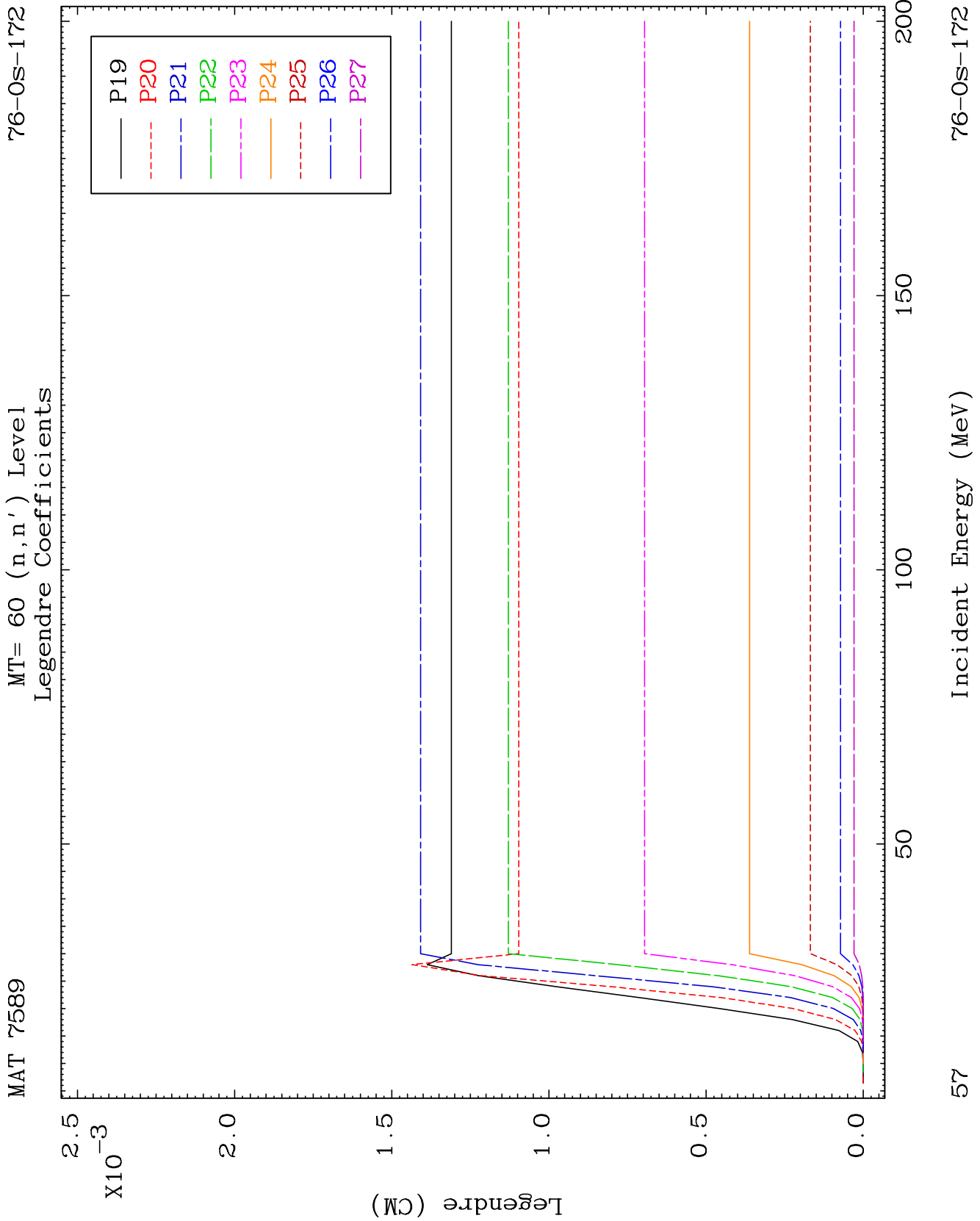
76-0s-172



56

Incident Energy (MeV)

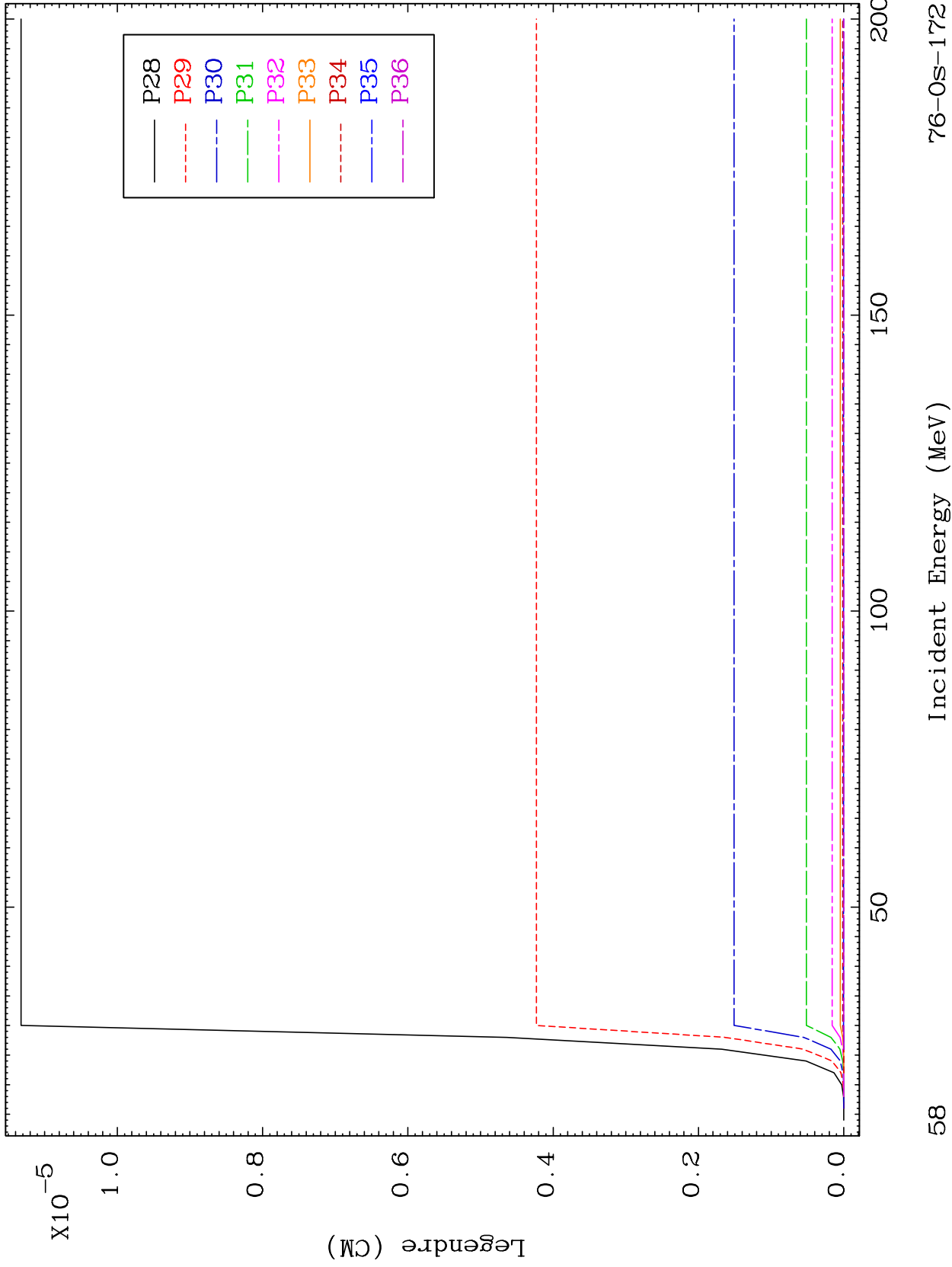
76-0s-172



MAT 7589

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

76-Os-172



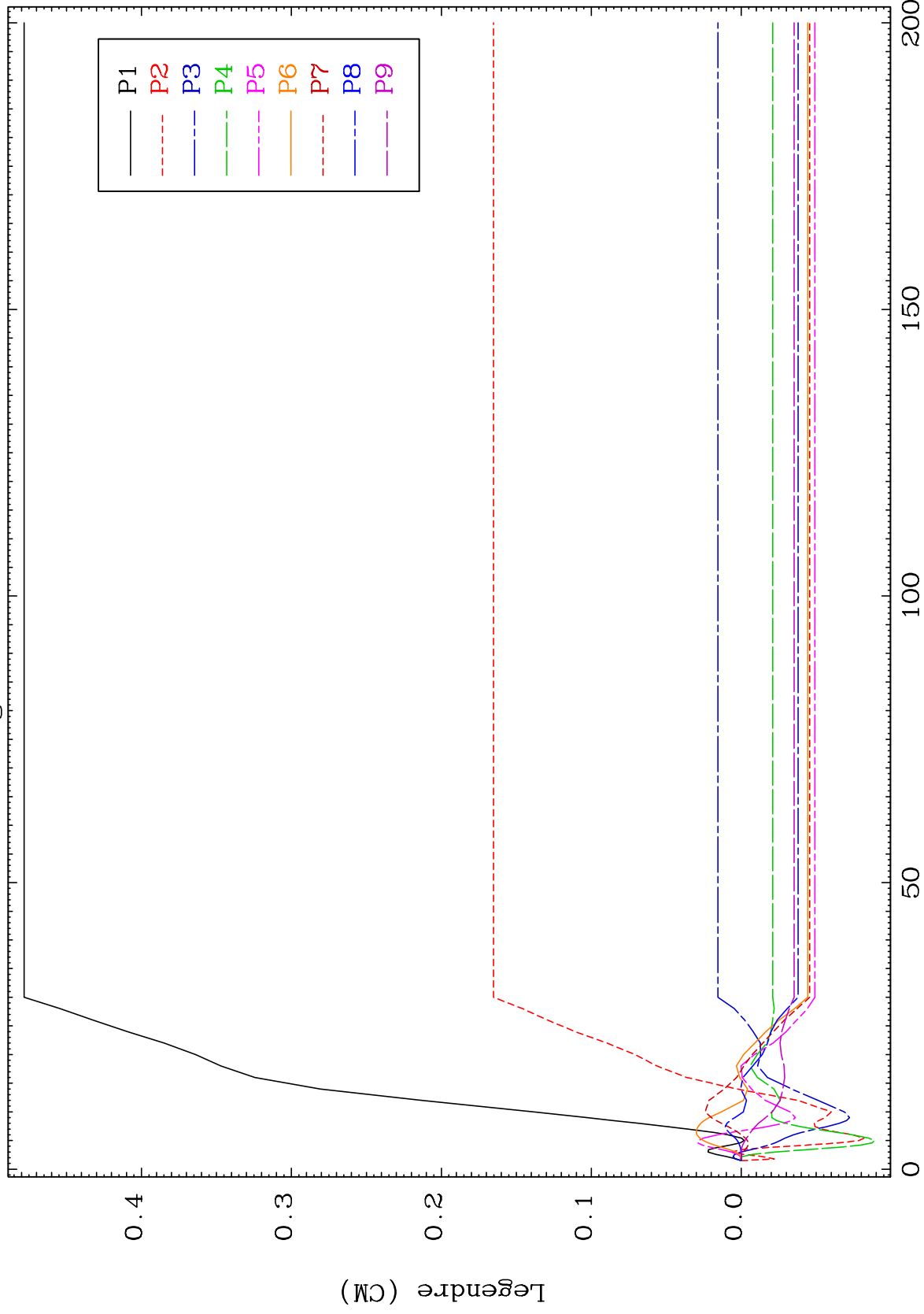
58

76-Os-172

MAT 7589

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

76-Os-172



59

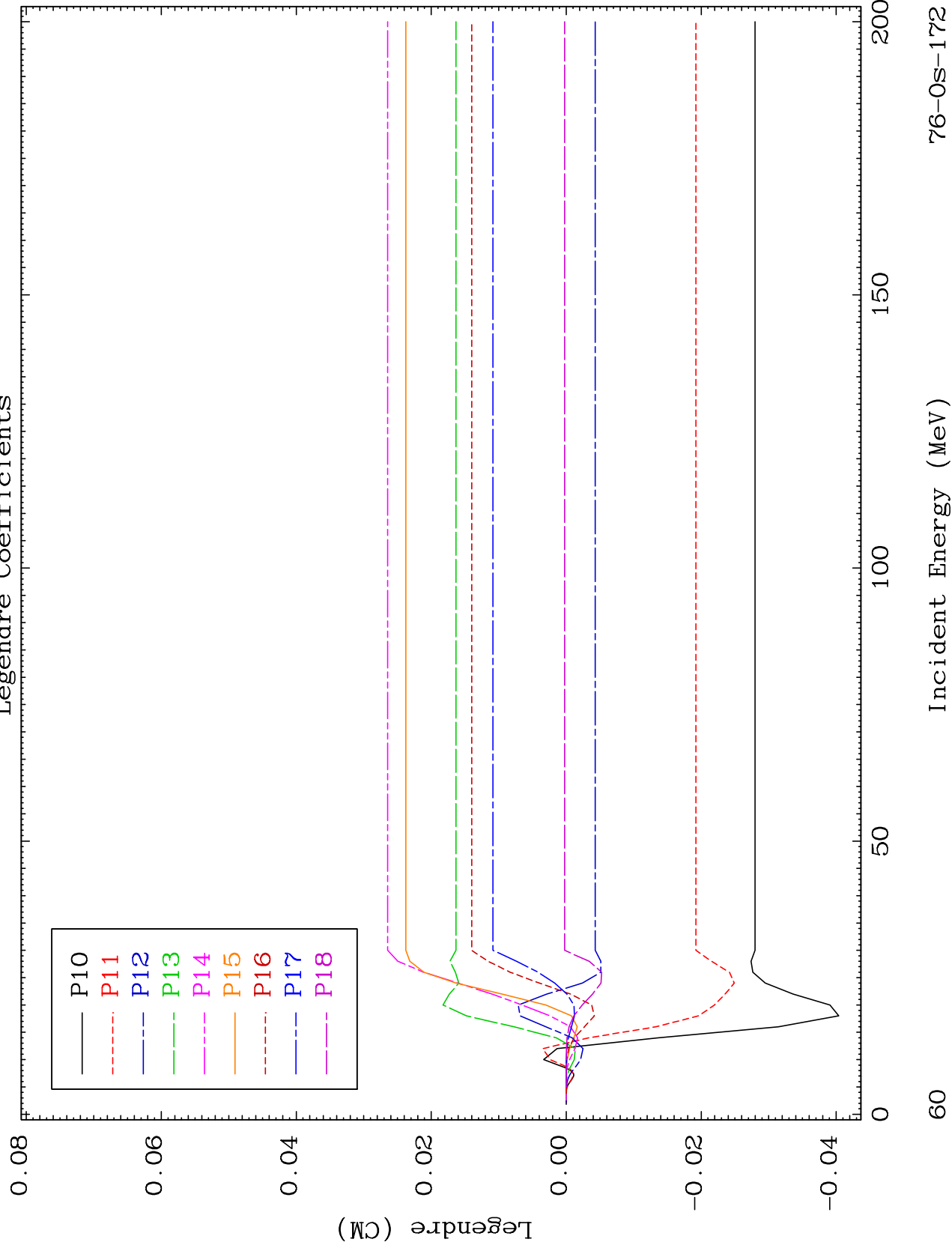
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



76-0s-172

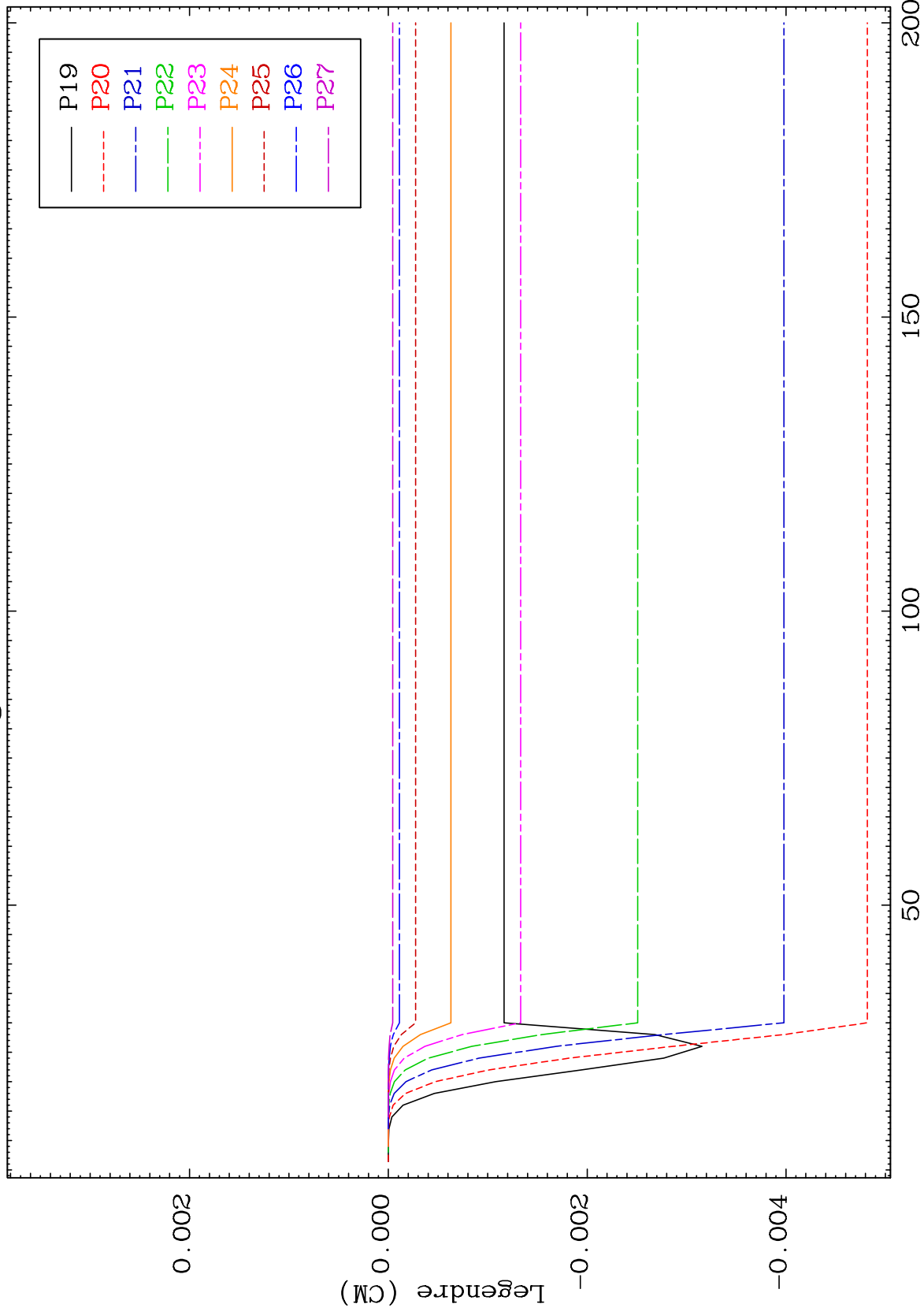
Incident Energy (MeV)

60

MAT 7589

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

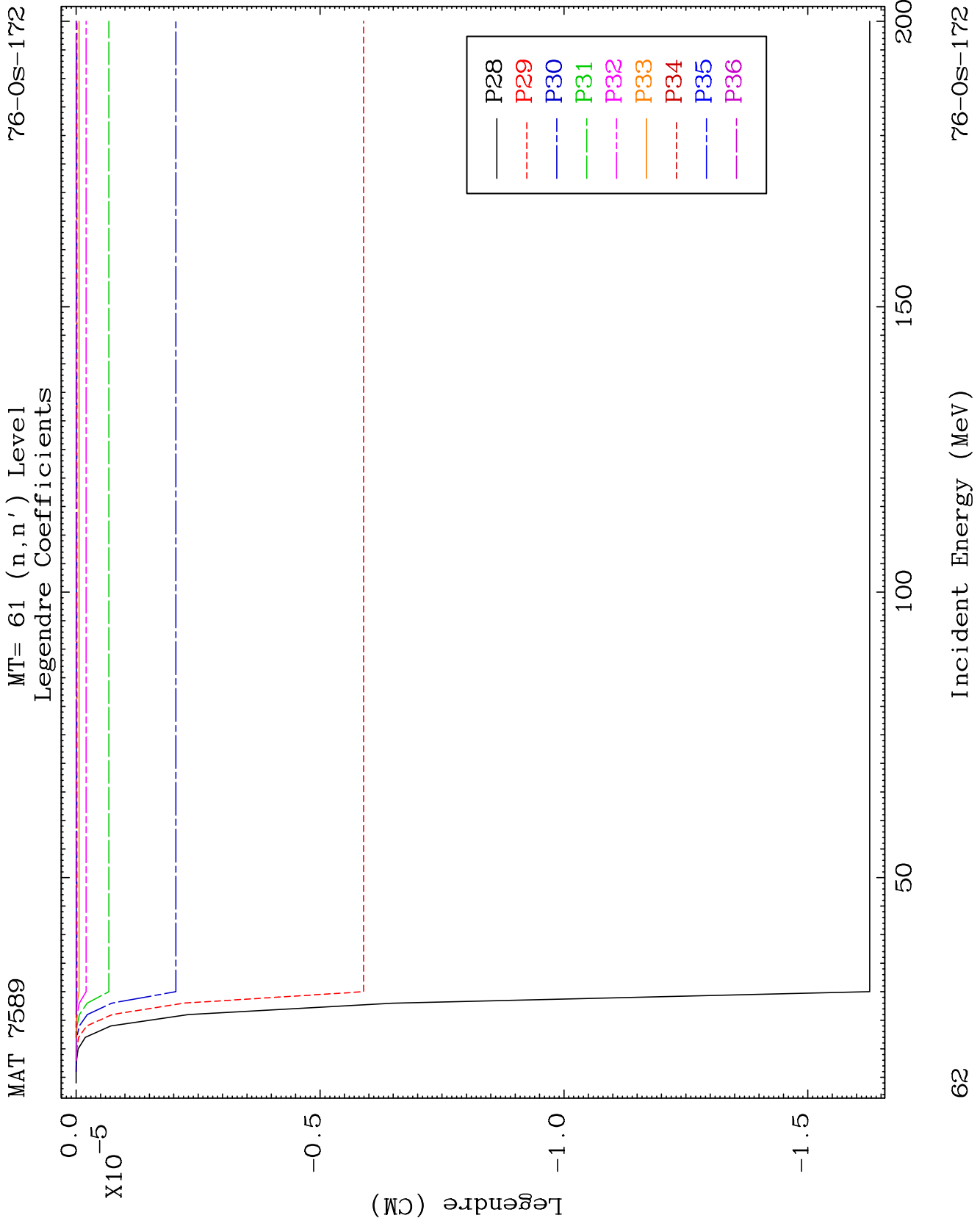
76-Os-172



61

Incident Energy (MeV)

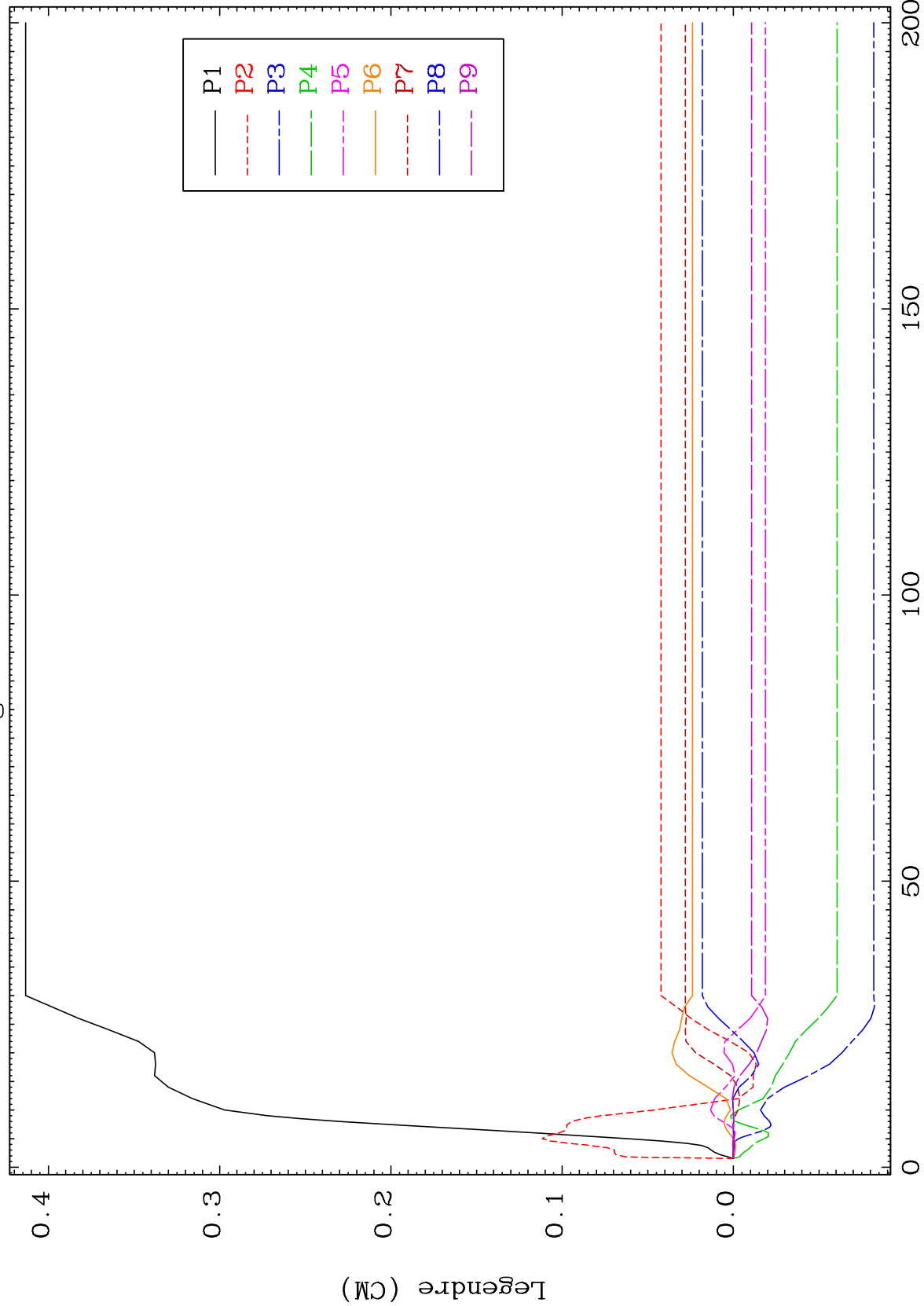
76-Os-172



MAT 7589

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

76-Os-172



63

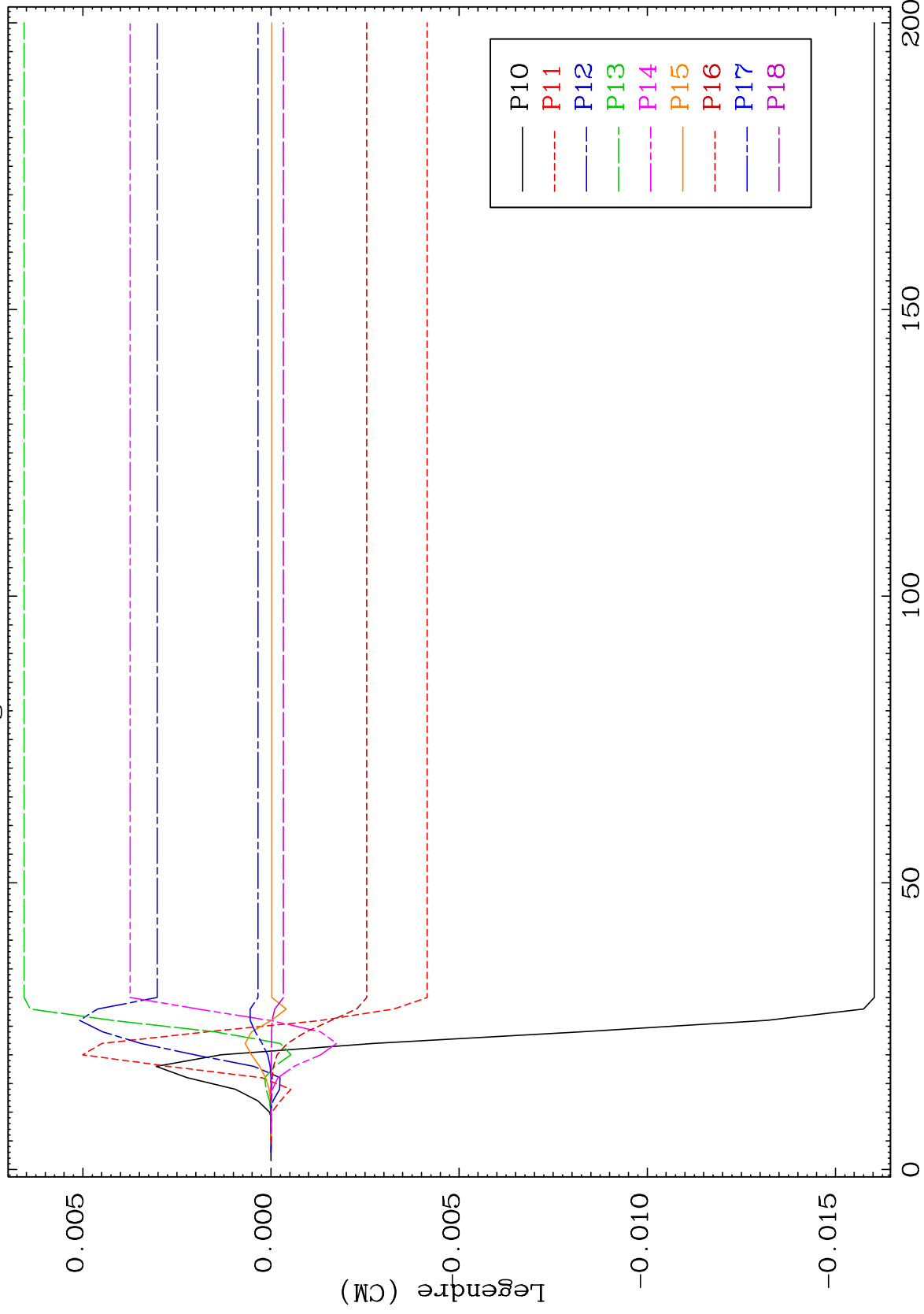
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



64

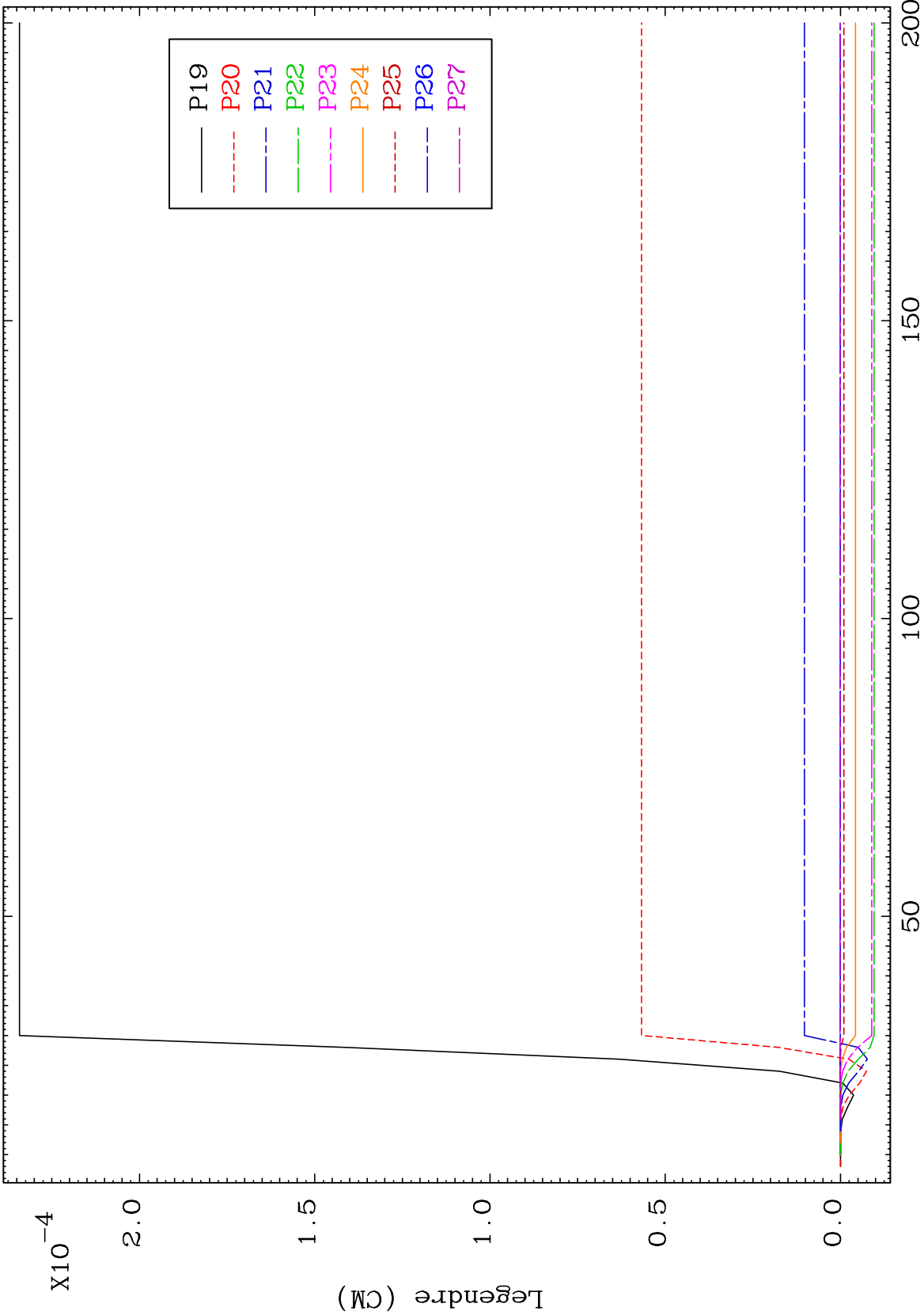
Incident Energy (MeV)

76-0s-172

MAT 7589

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

76-Os-172



65

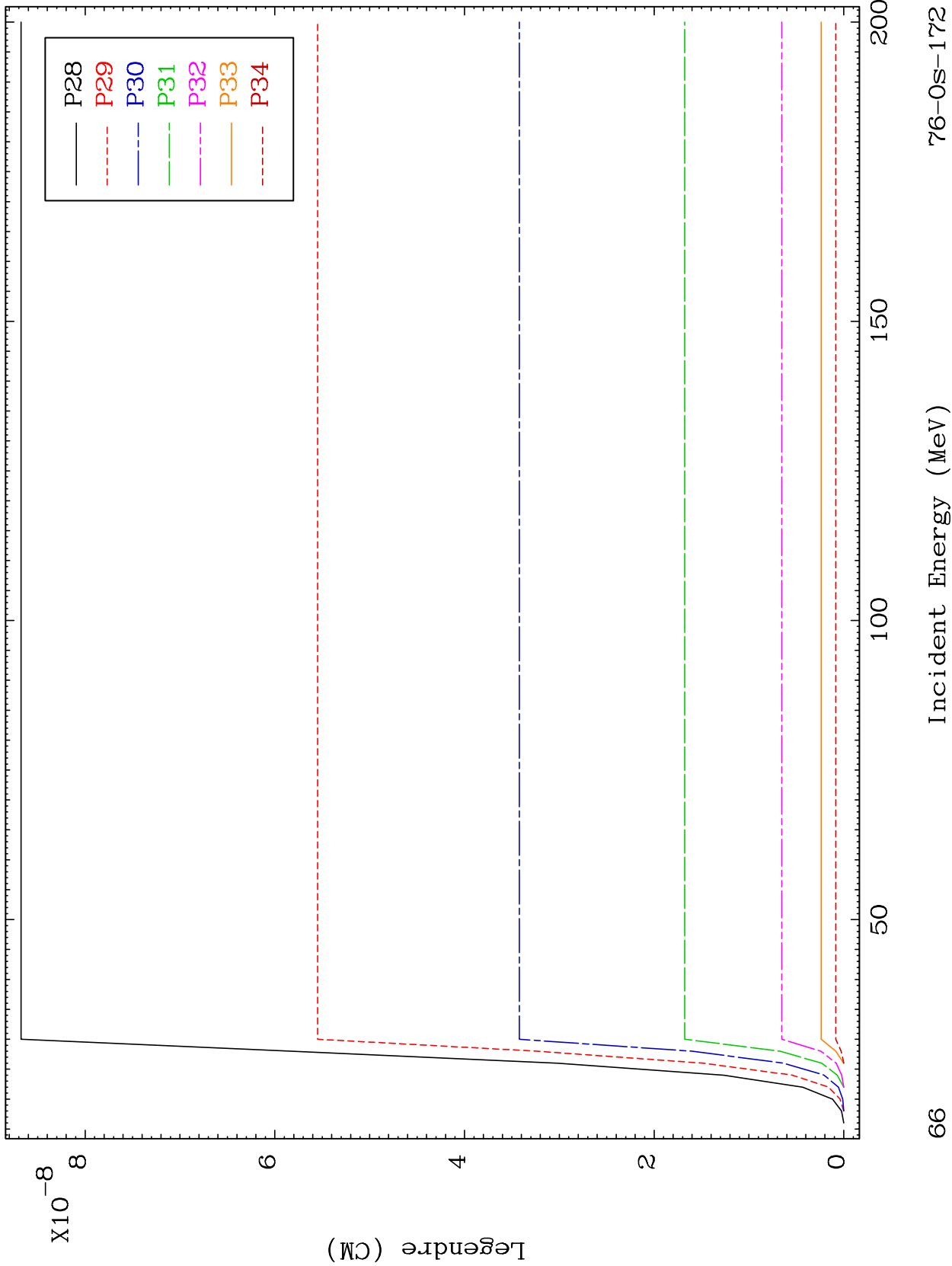
Incident Energy (MeV)

76-Os-172

MAT 7589

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

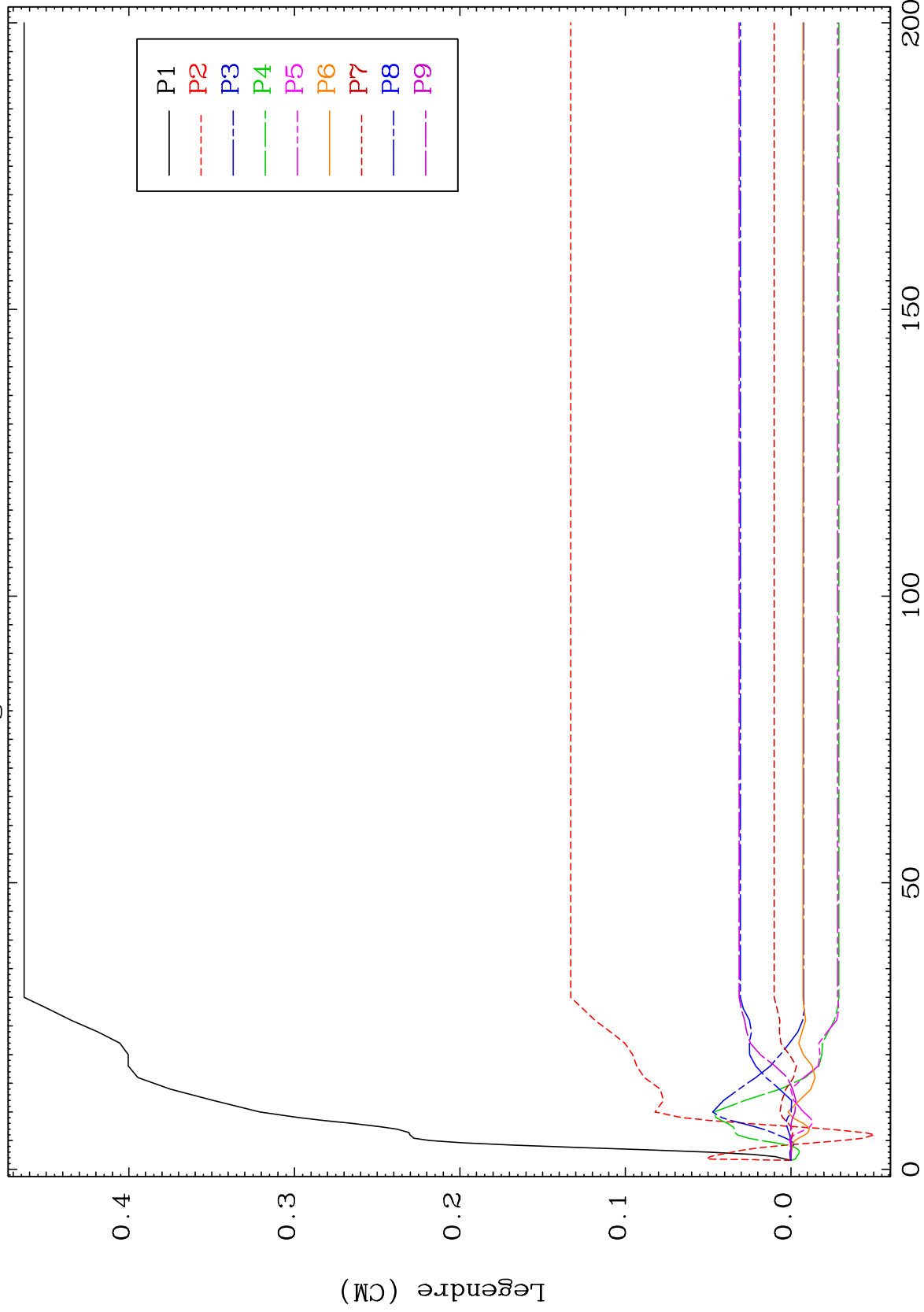
76-Os-172



MAT 7589

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

76-Os-172



67

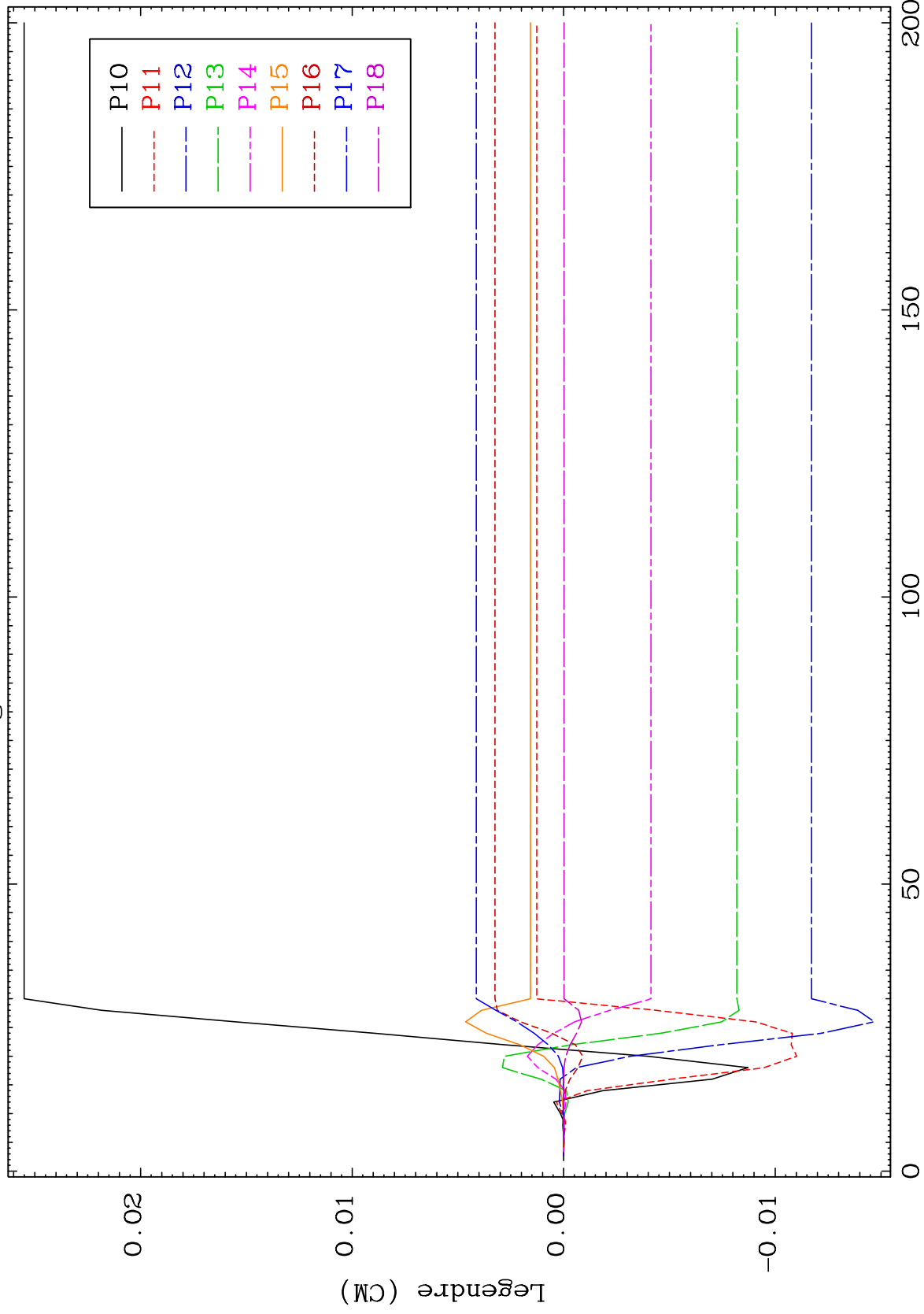
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



68

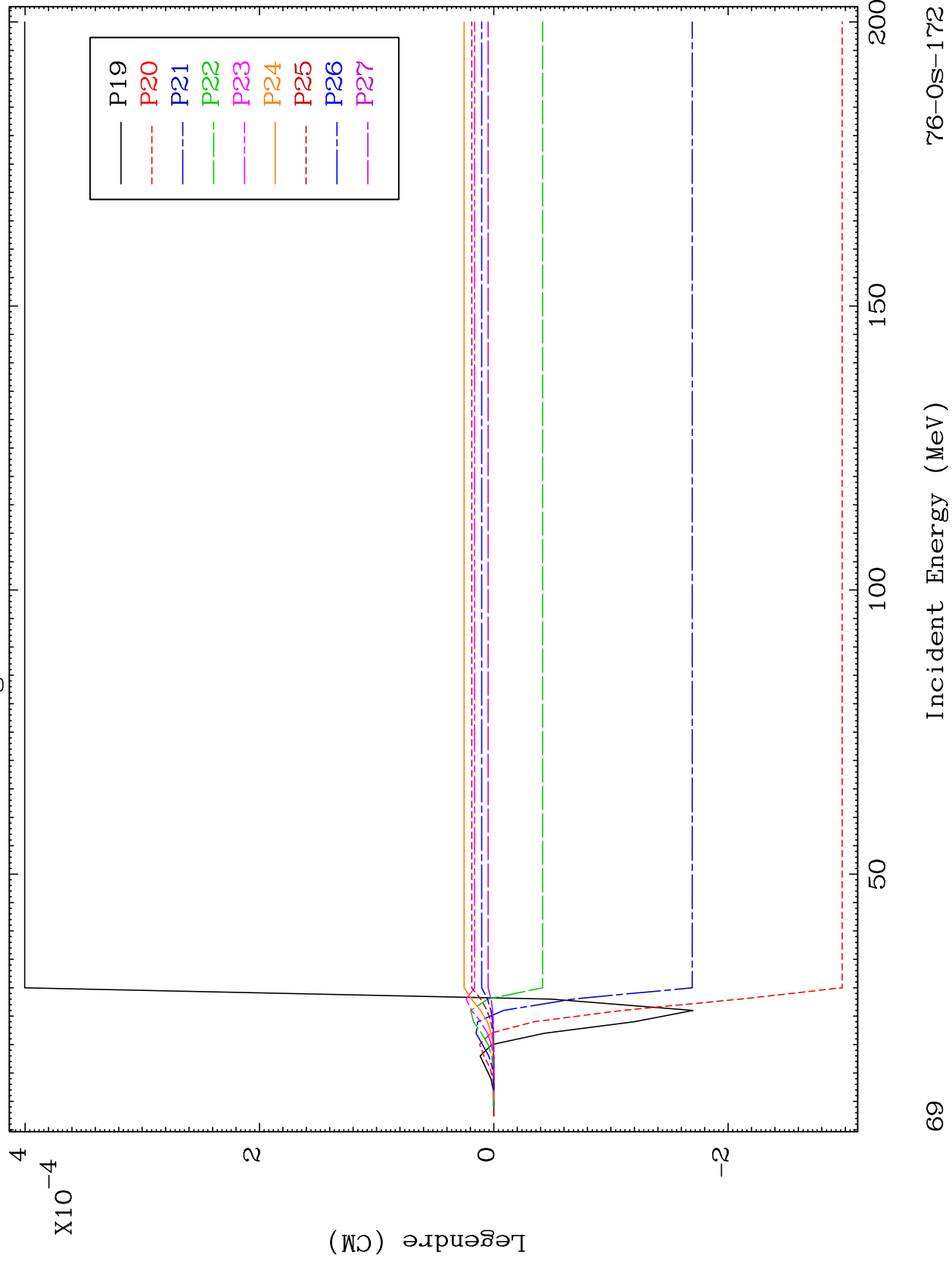
Incident Energy (MeV)

76-0s-172

MAT 7589

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

76-Os-172



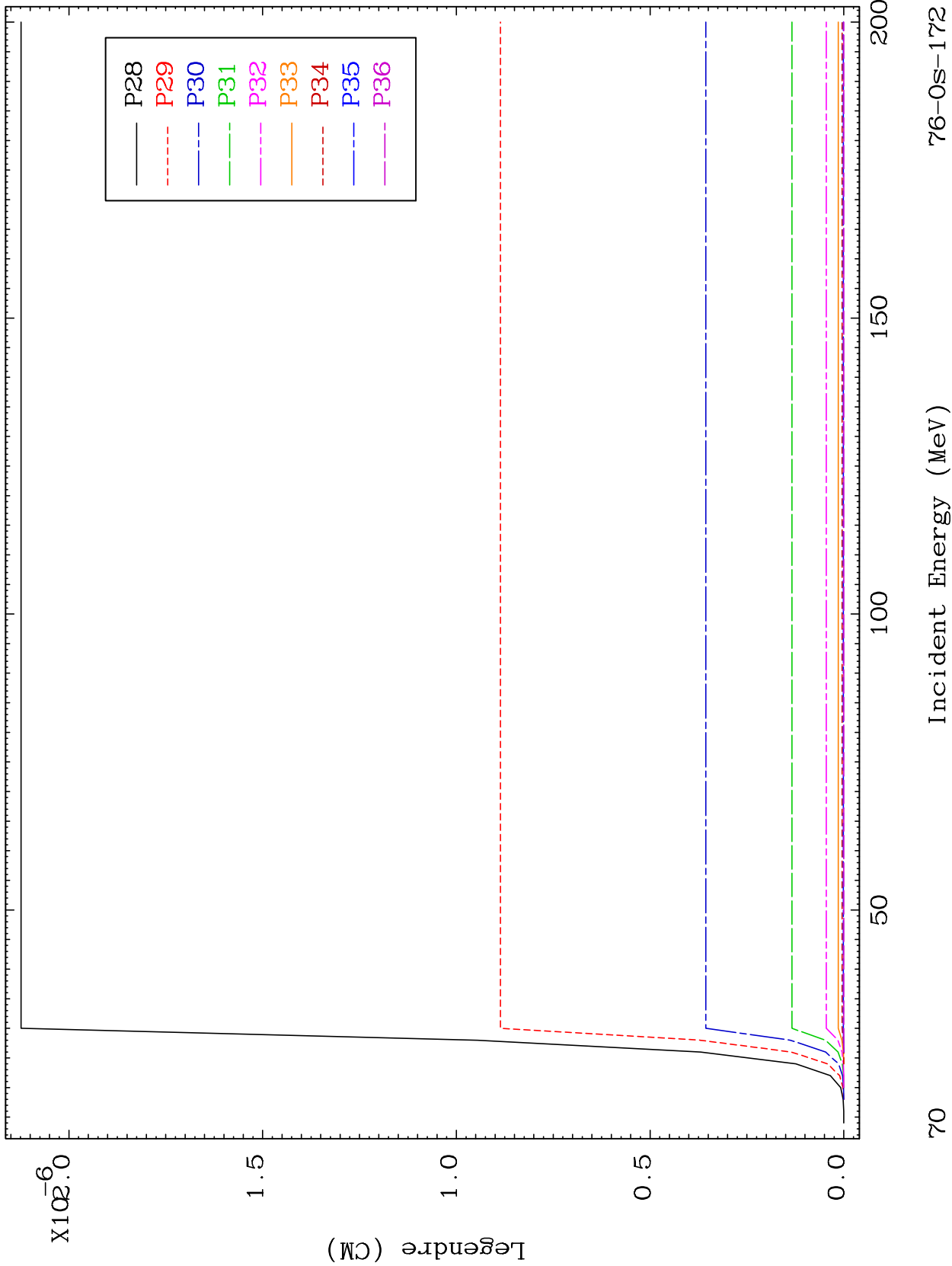
69

76-Os-172

MAT 7589

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

76-Os-172



70

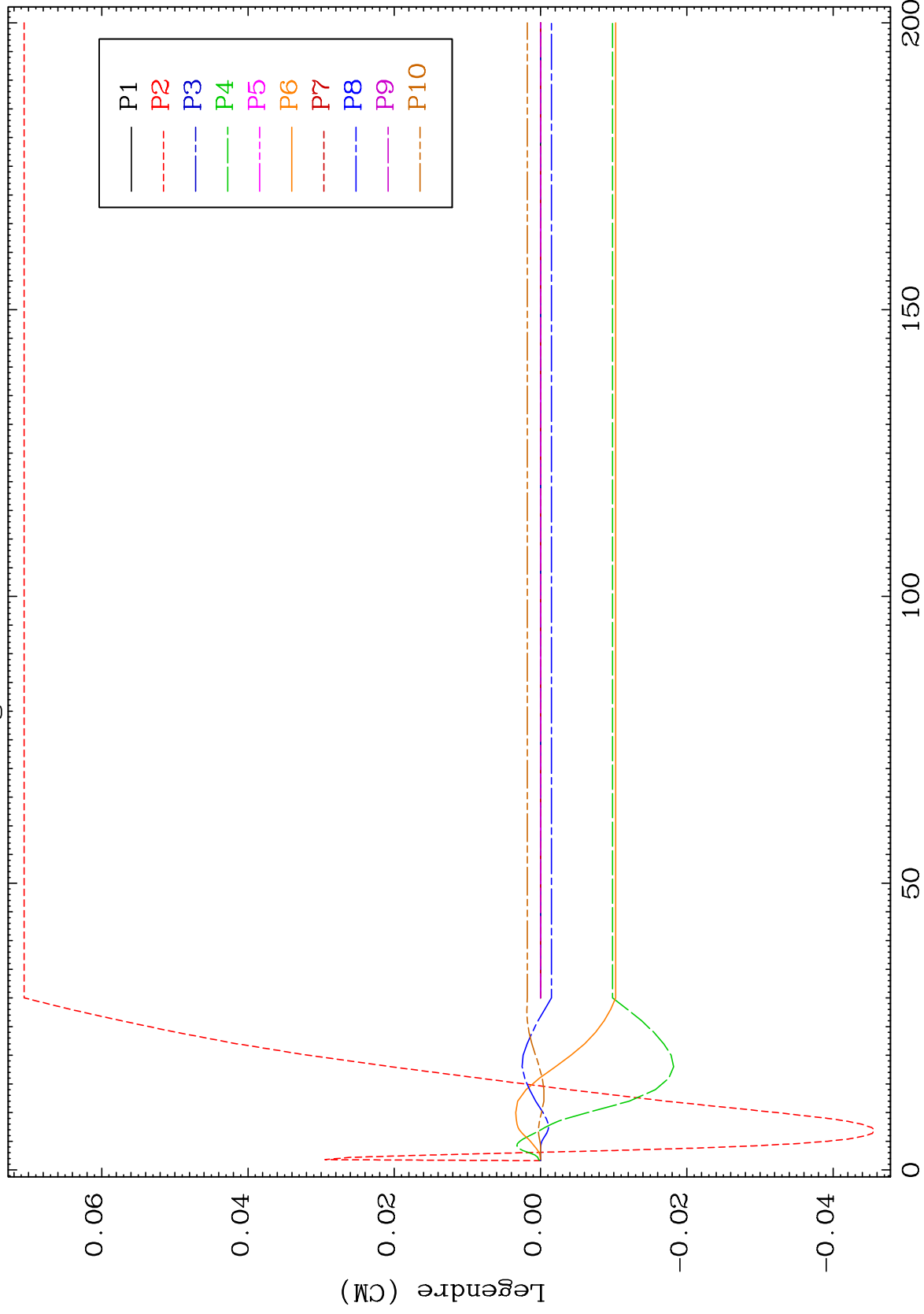
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-0s-172



71

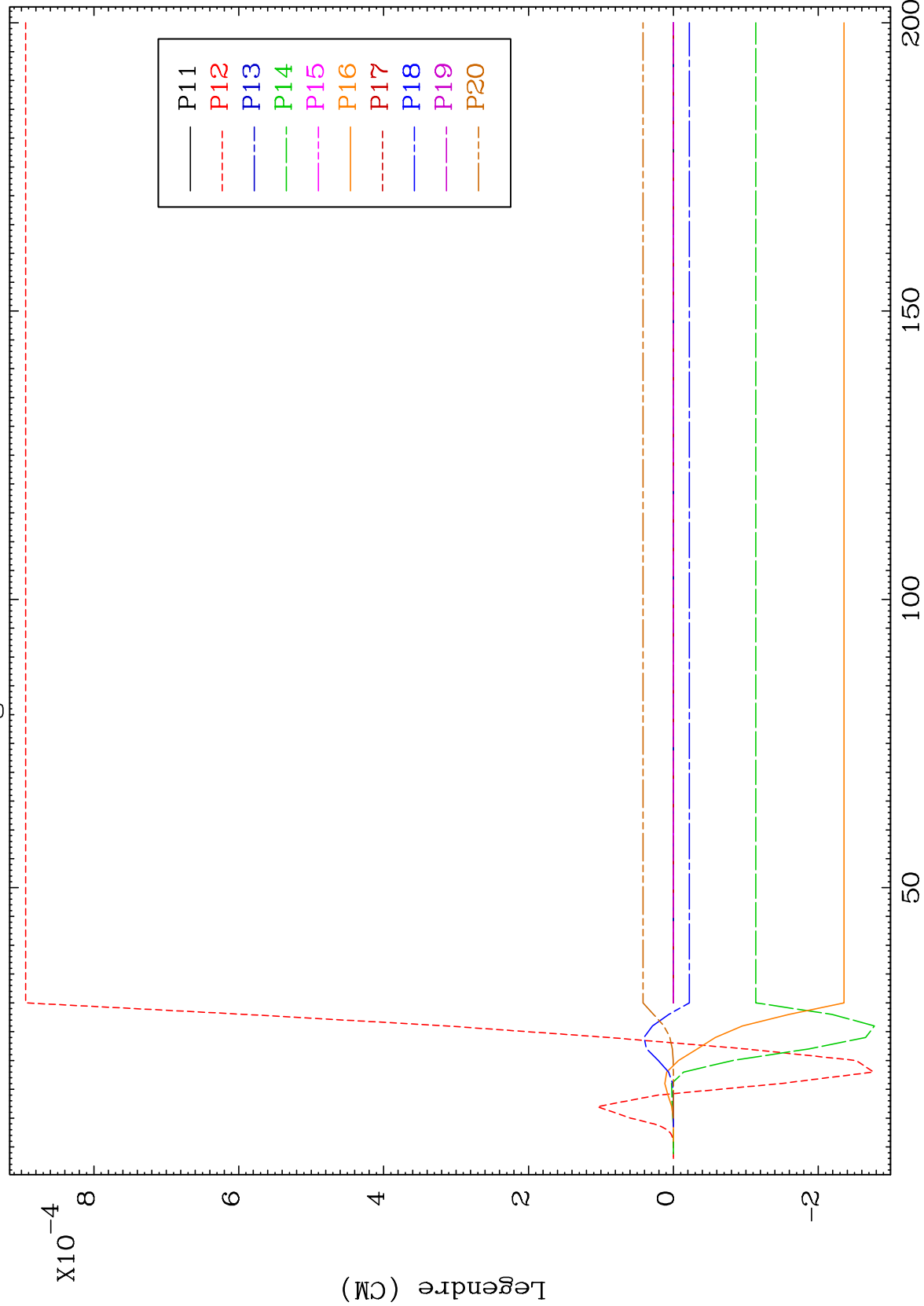
Incident Energy (MeV)

76-0s-172

MAT 7589

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

76-Os-172



72

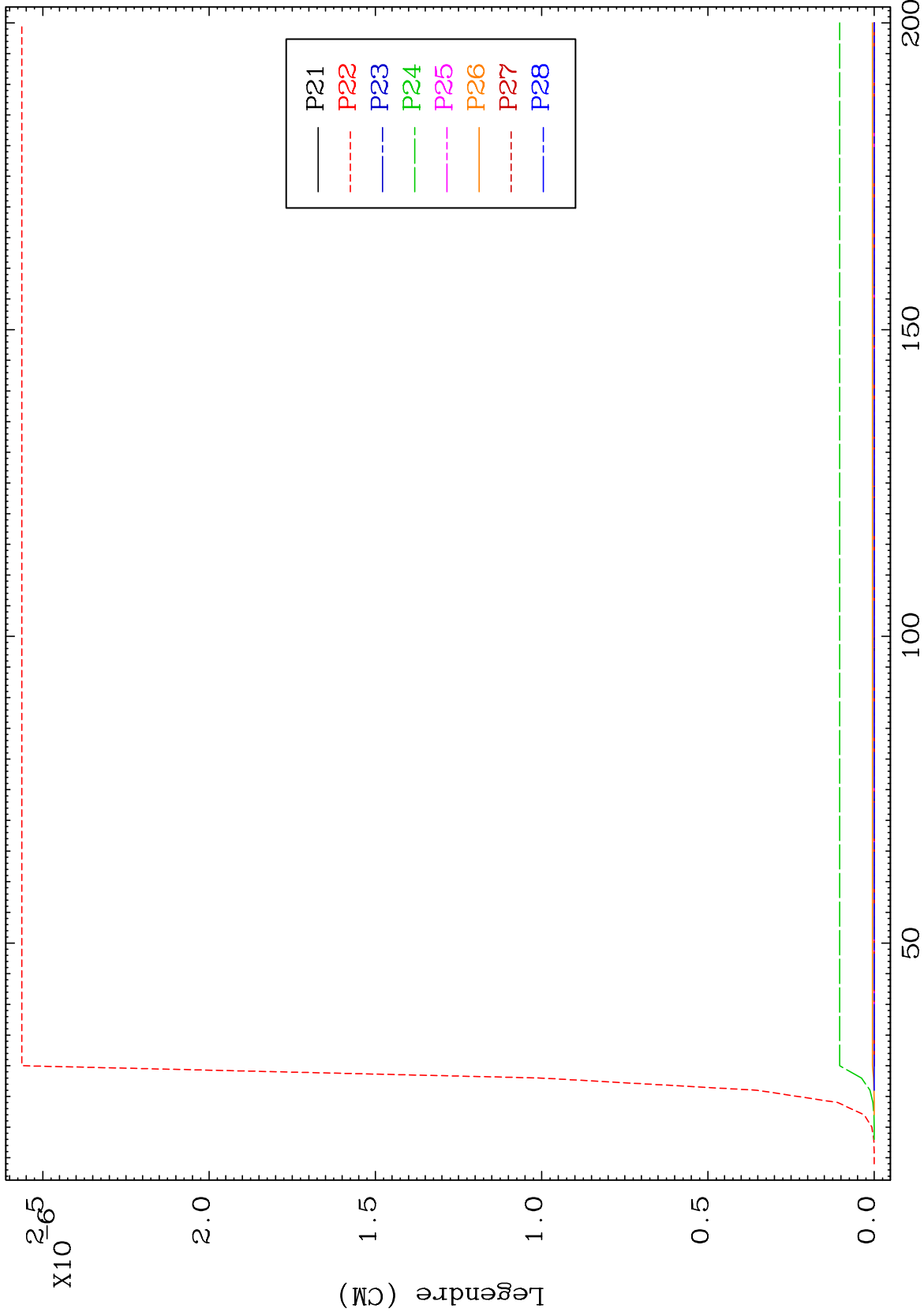
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-Os-172



73

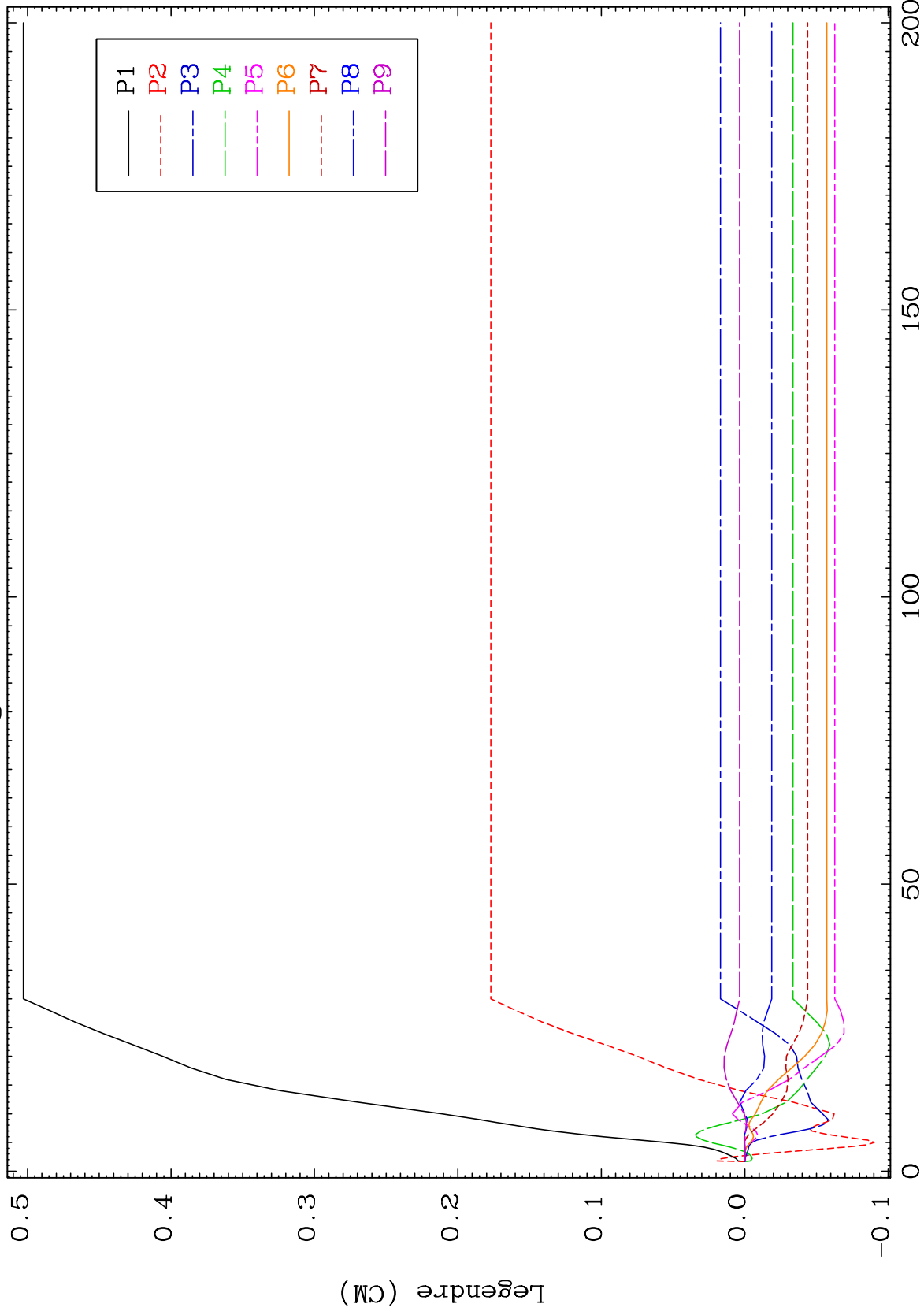
Incident Energy (MeV)

76-Os-172

MAT 7589

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

76-Os-172



74

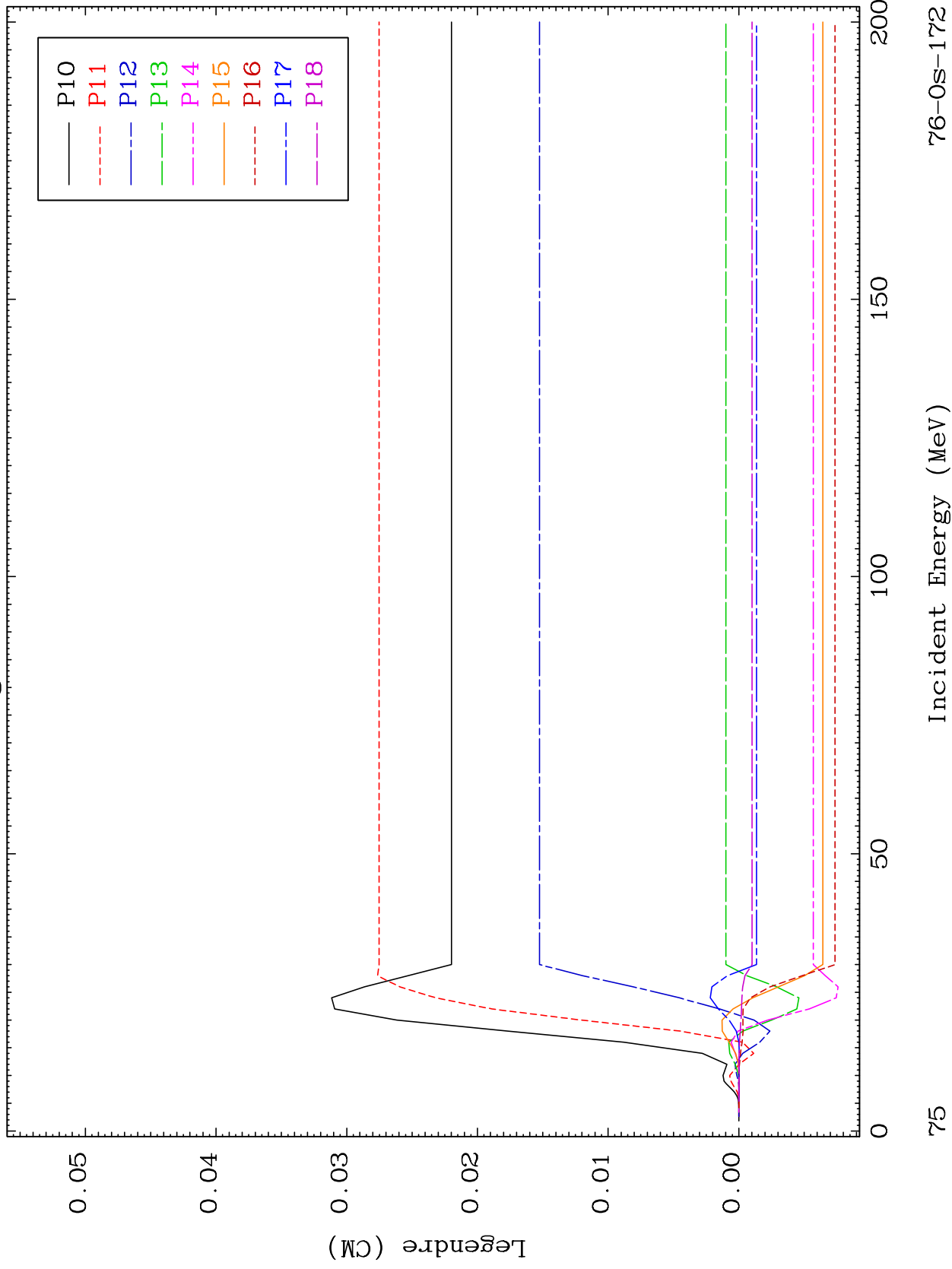
Incident Energy (MeV)

76-Os-172

MAT 7589

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

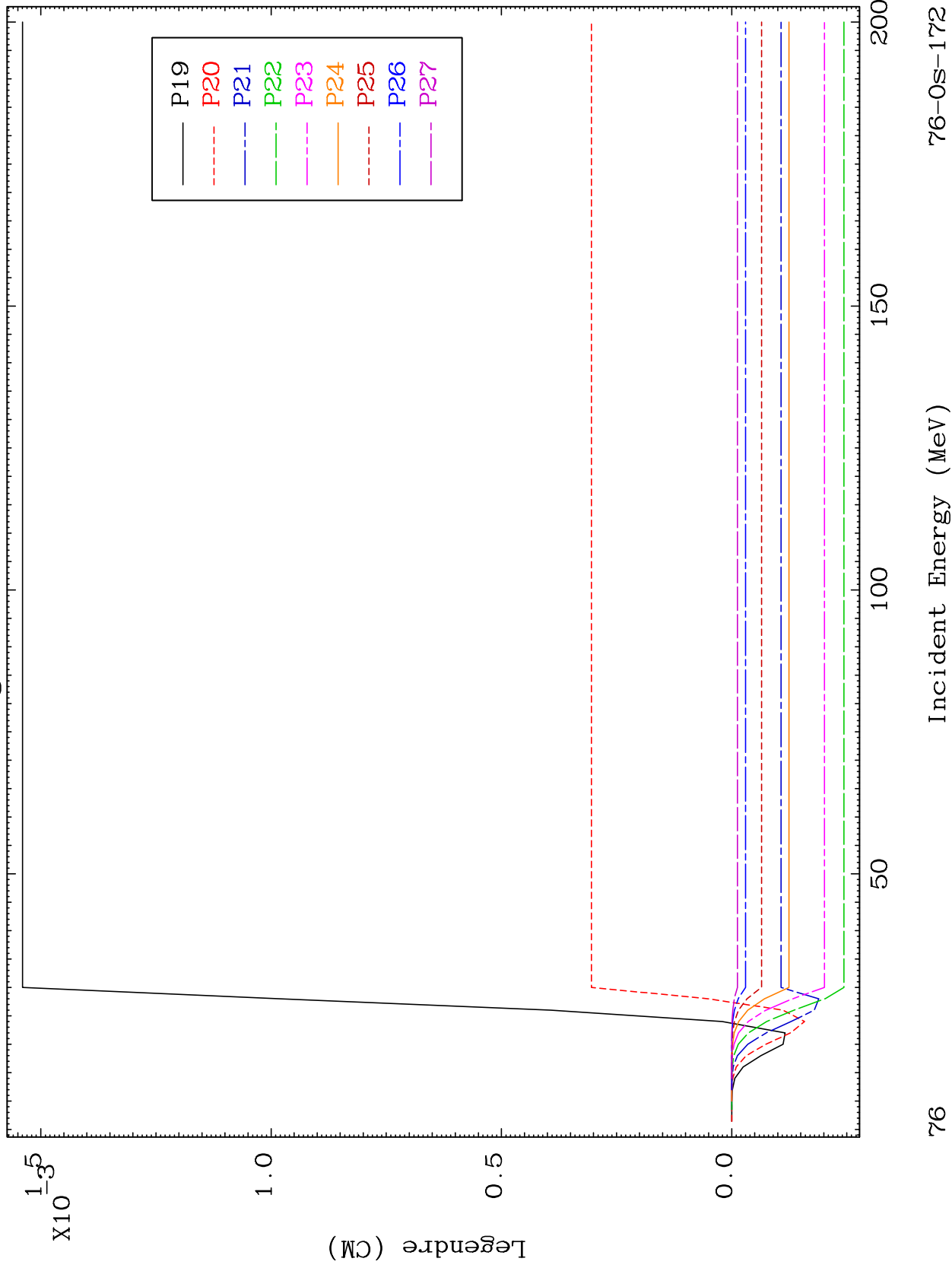
76-0s-172



MAT 7589

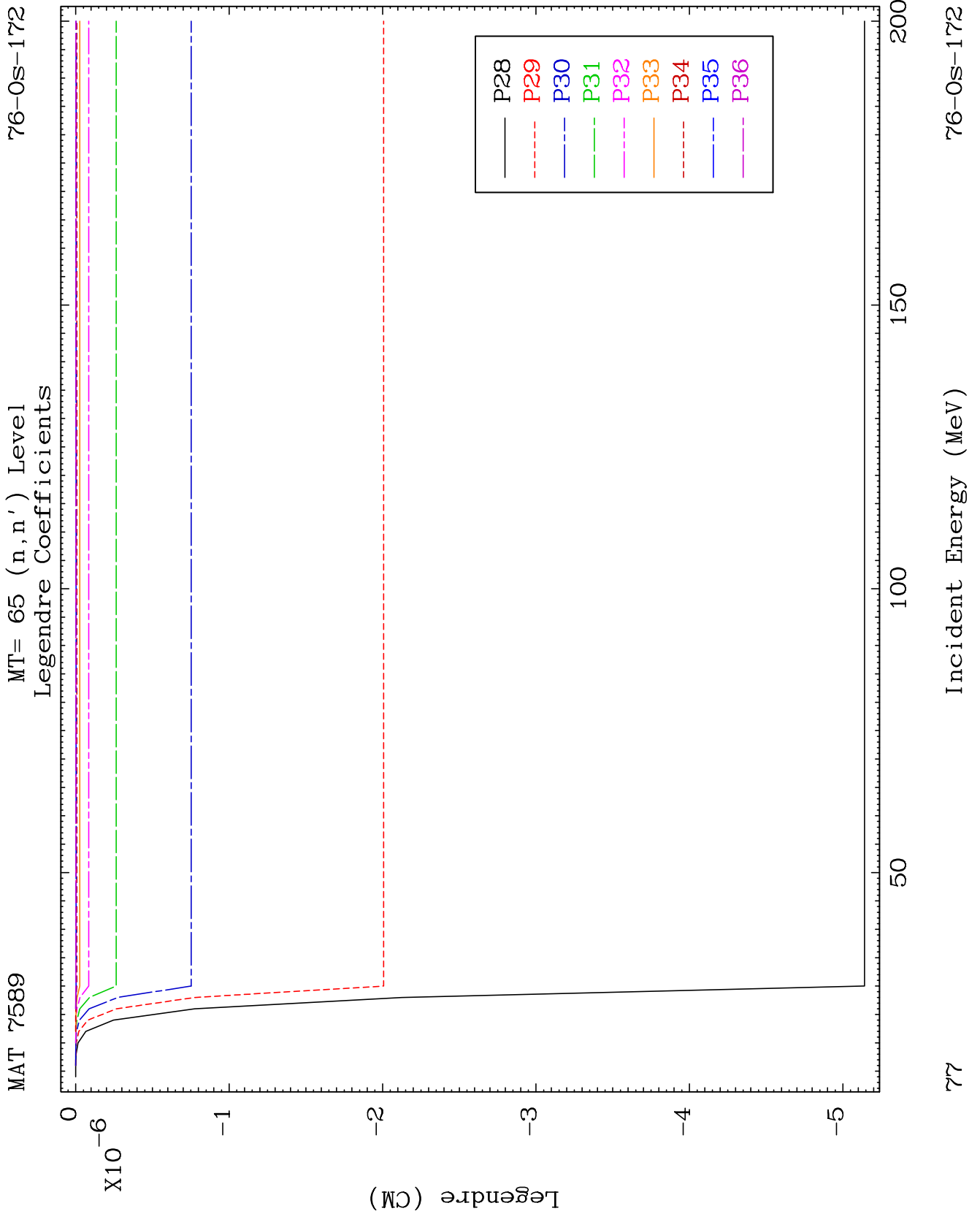
MT= 65 (n,n') Level  
Legendre Coefficients

76-0s-172



76

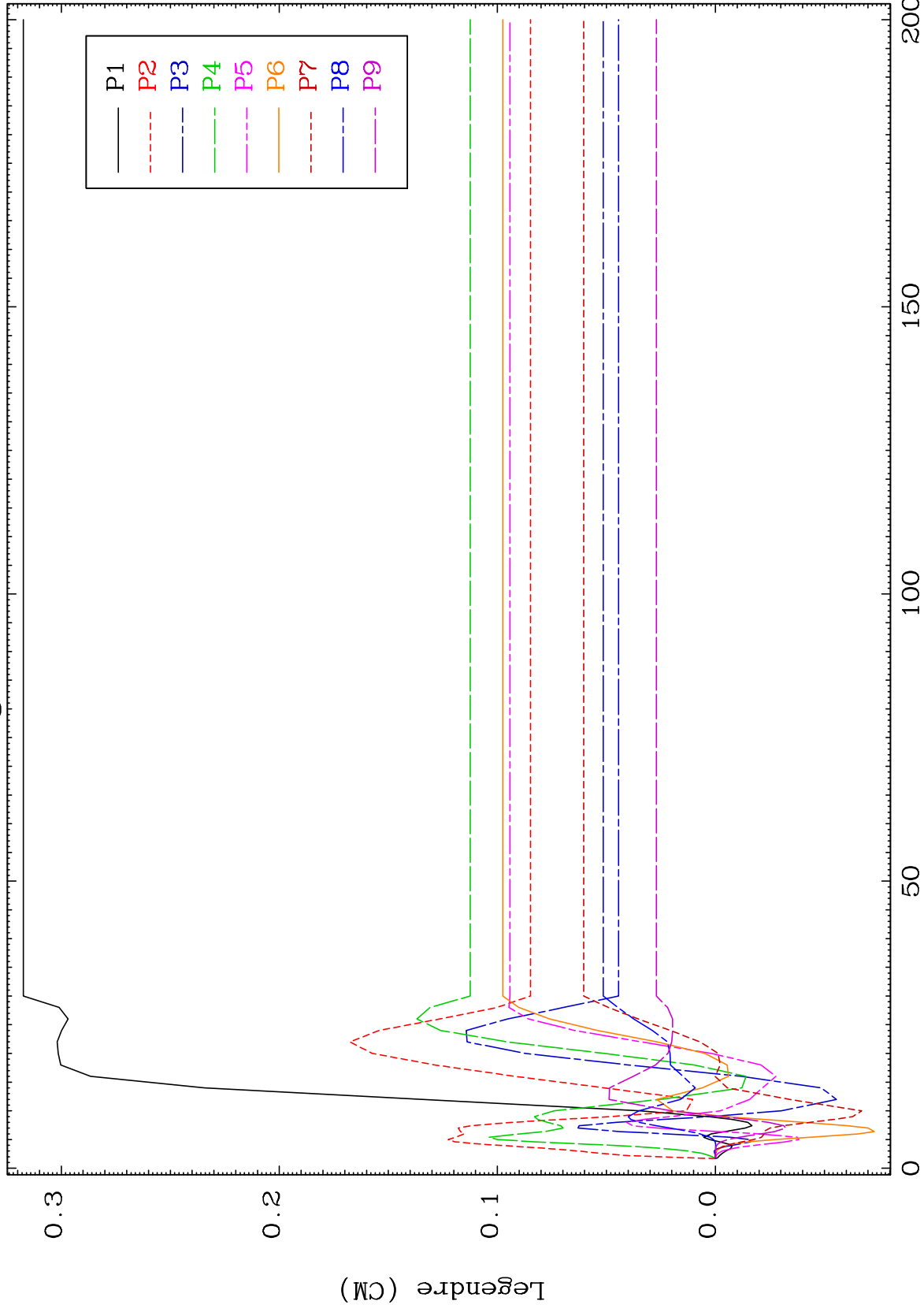
76-0s-172



MAT 7589

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

76-Os-172



Incident Energy (MeV)

76-Os-172

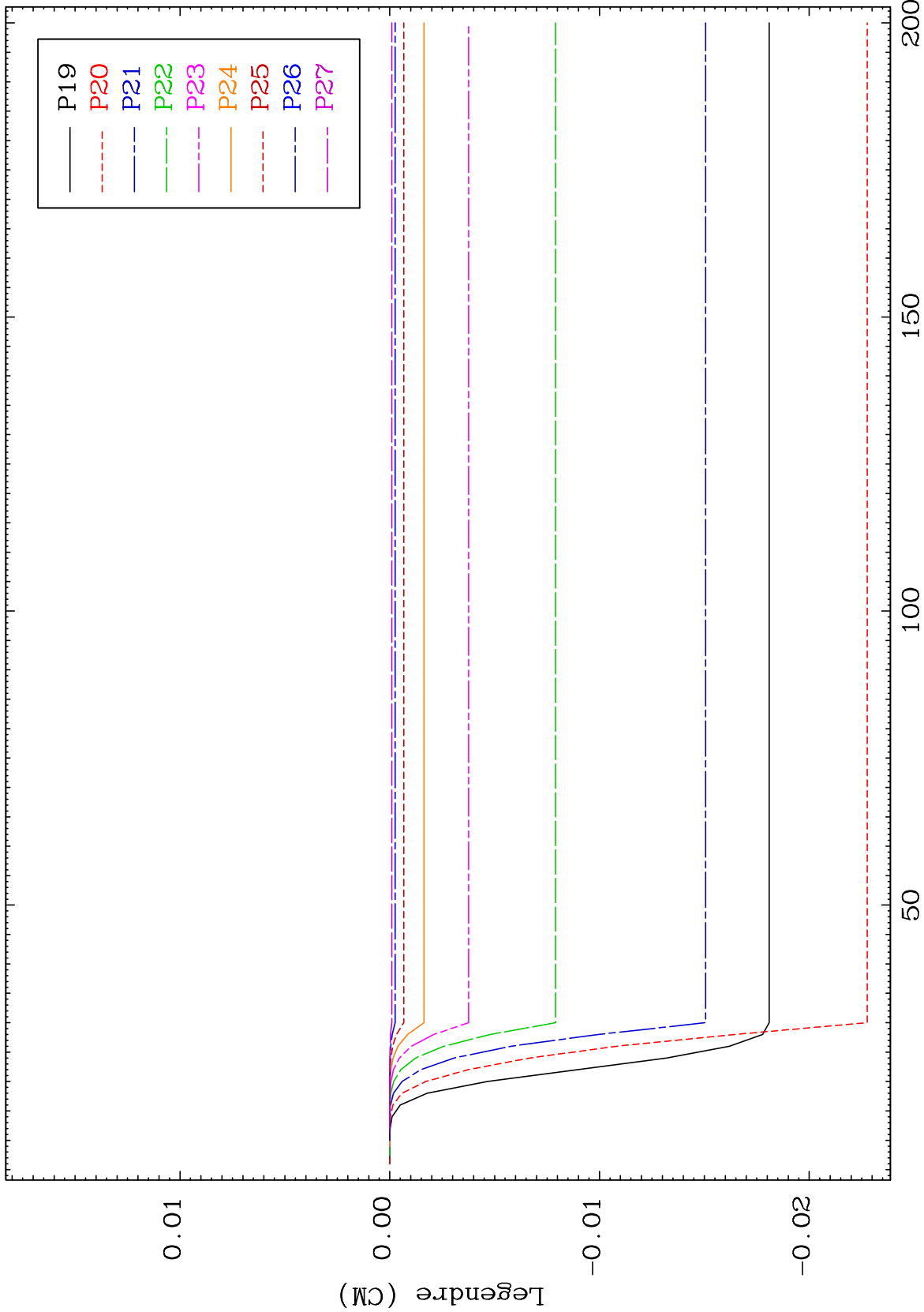
78



MAT 7589

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

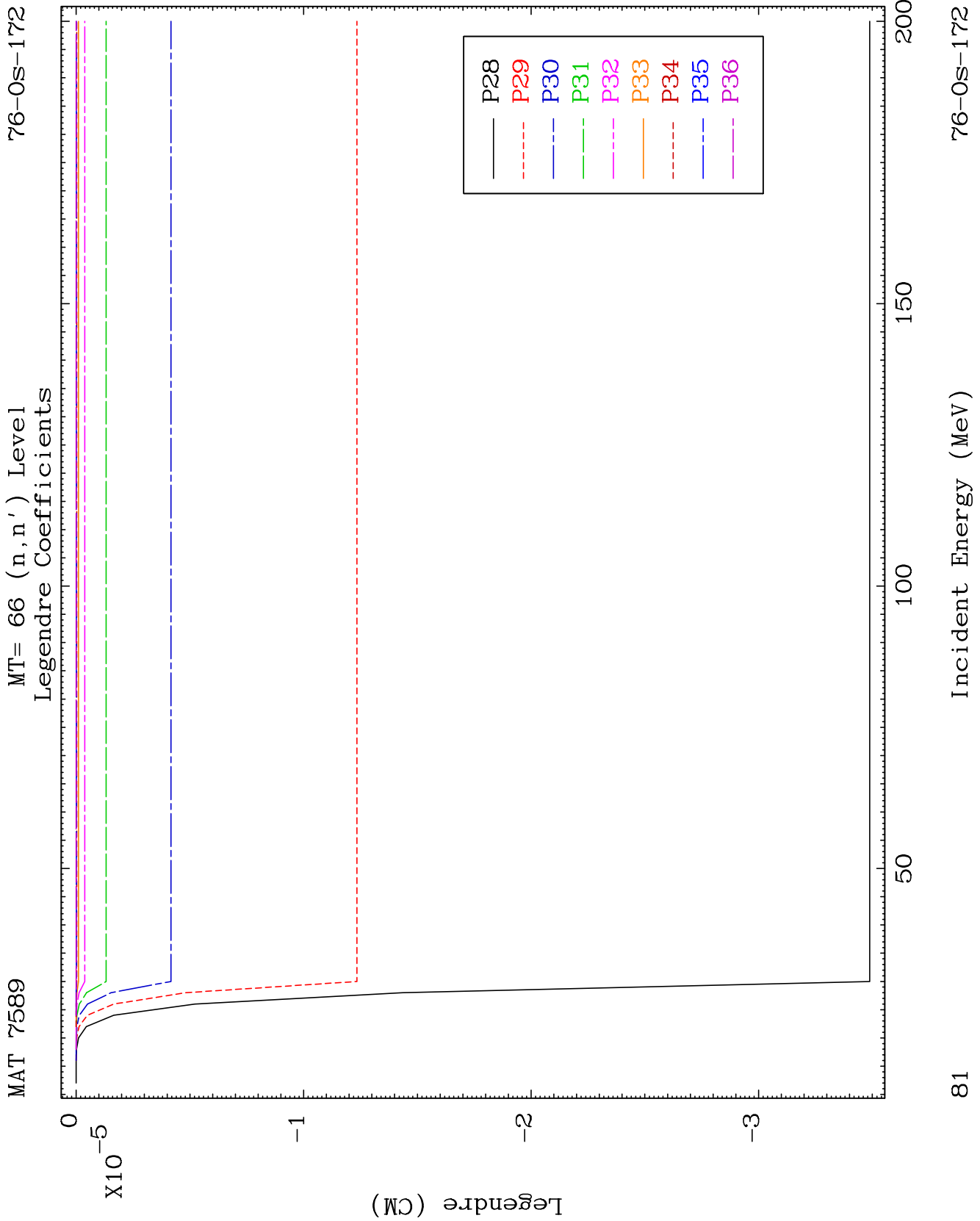
76-Os-172



80

Incident Energy (MeV)

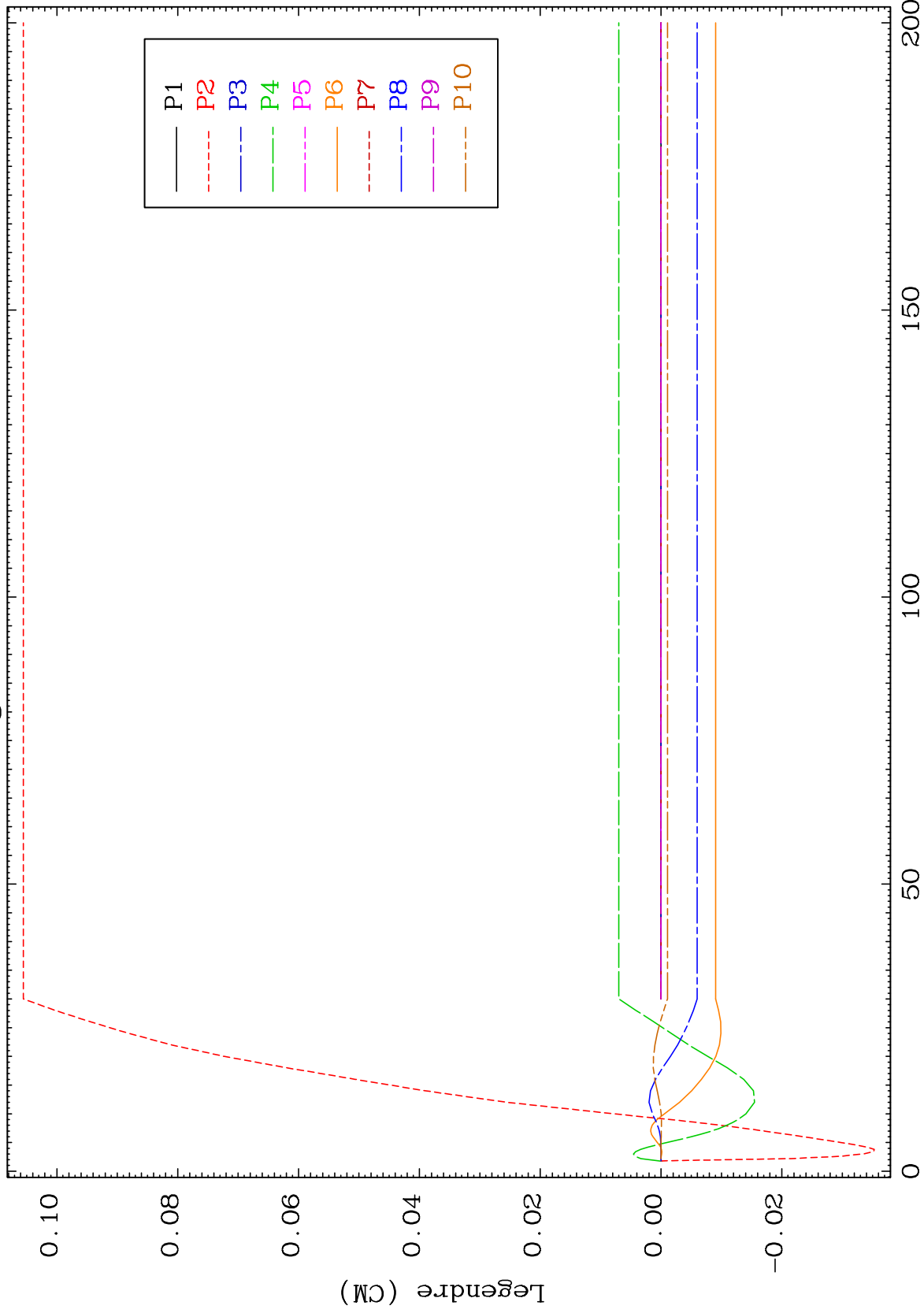
76-Os-172



MAT 7589

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

76-Os-172



82

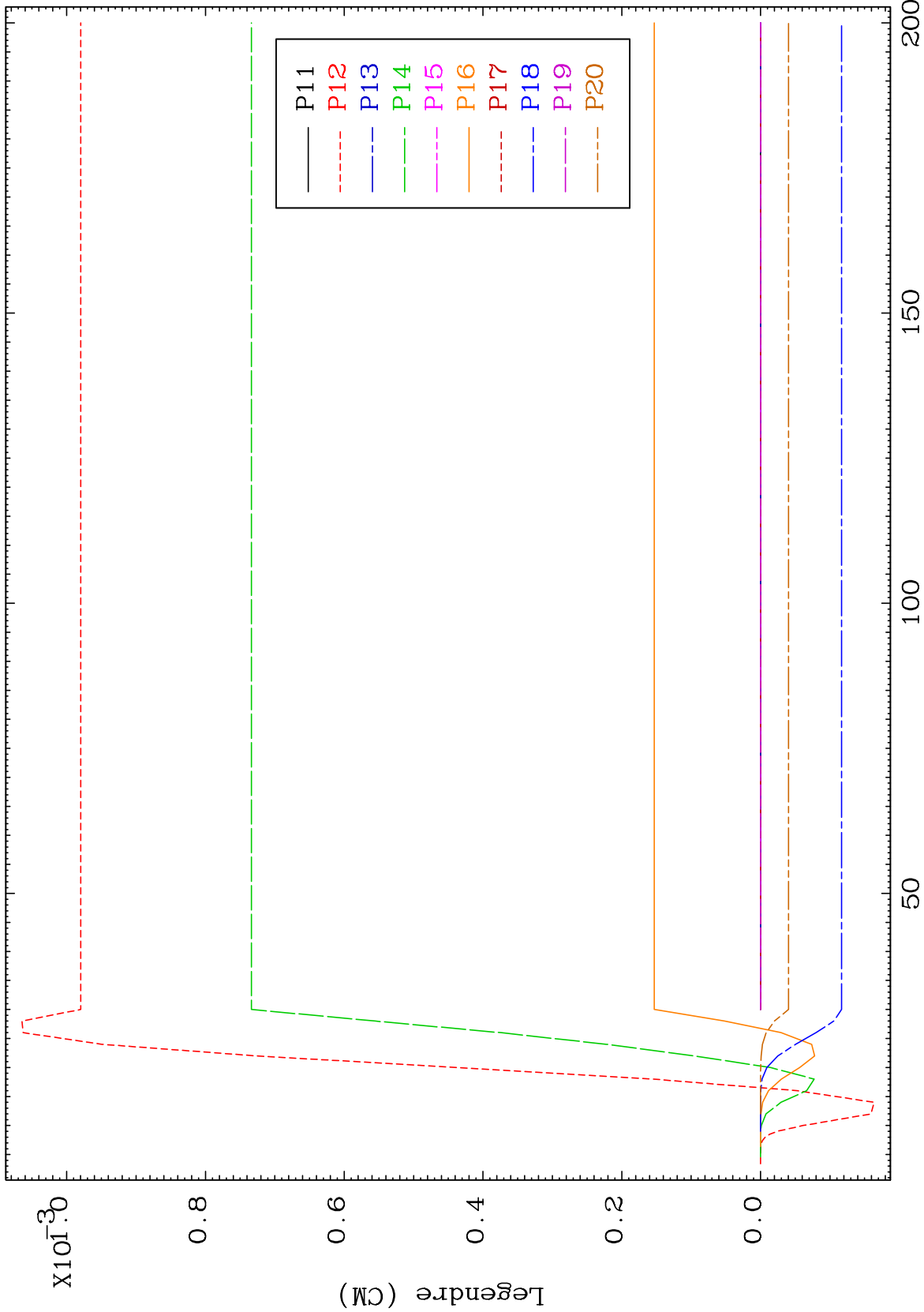
Incident Energy (MeV)

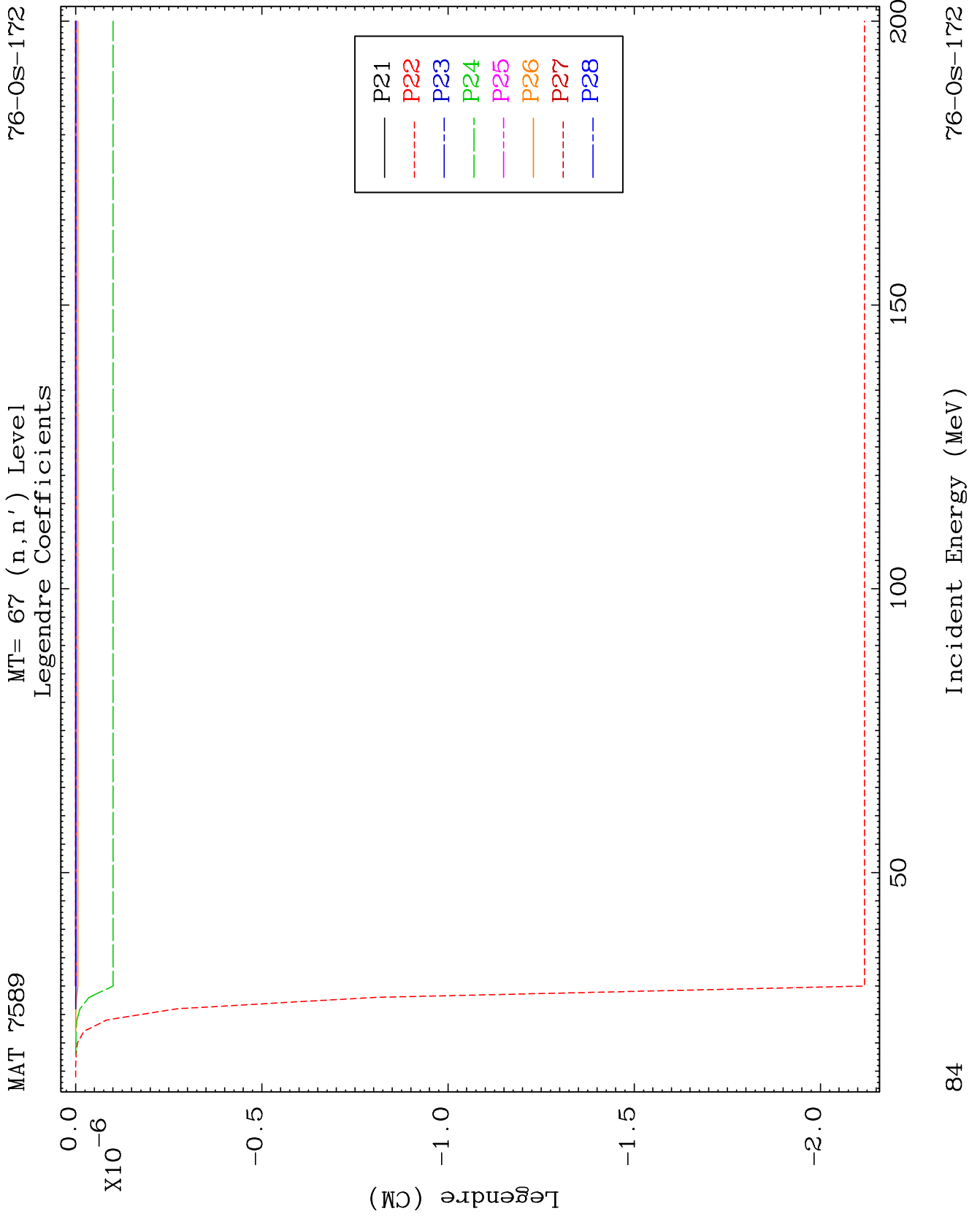
76-Os-172

MAT 7589

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

76-Os-172





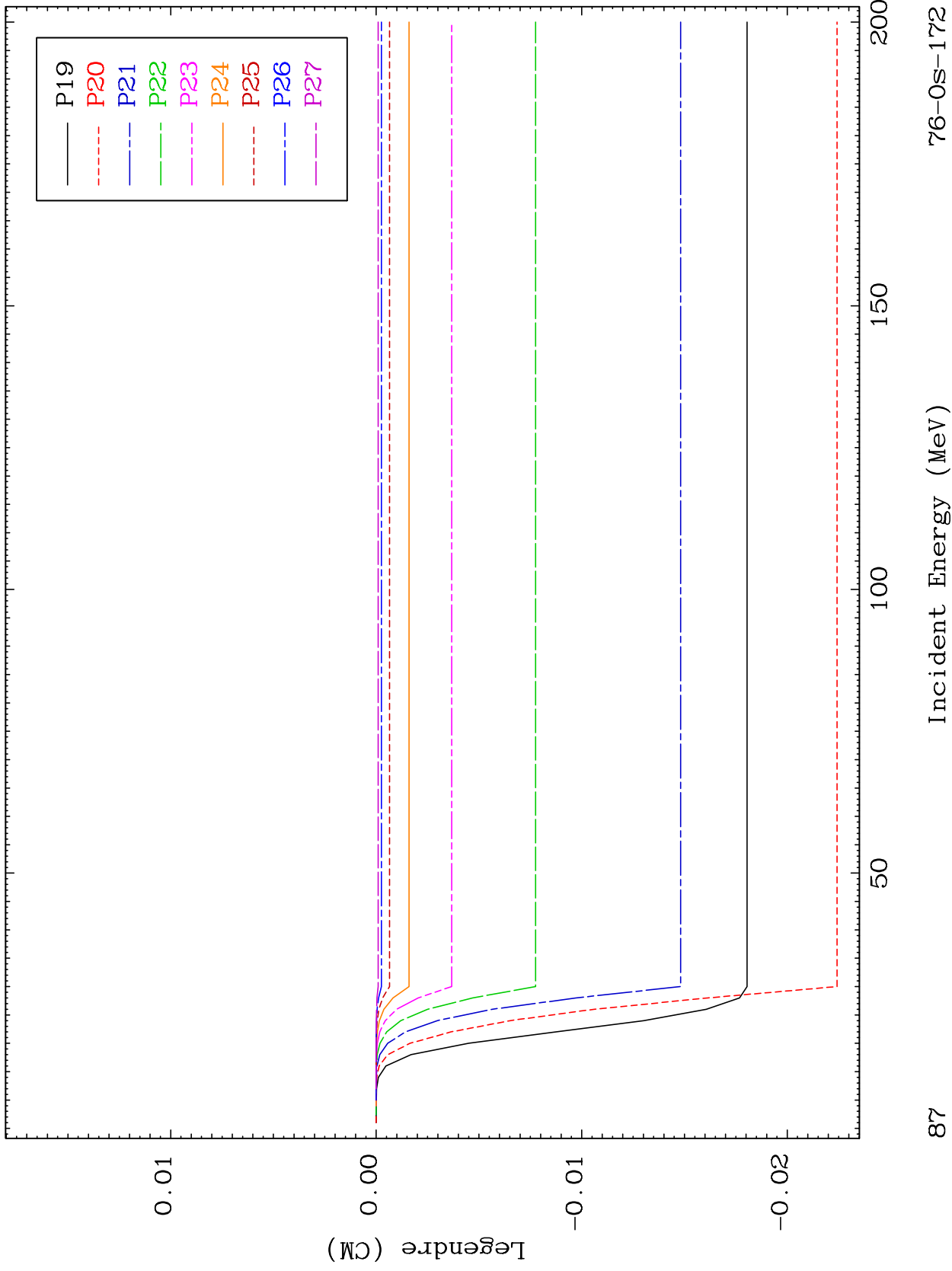




MAT 7589

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

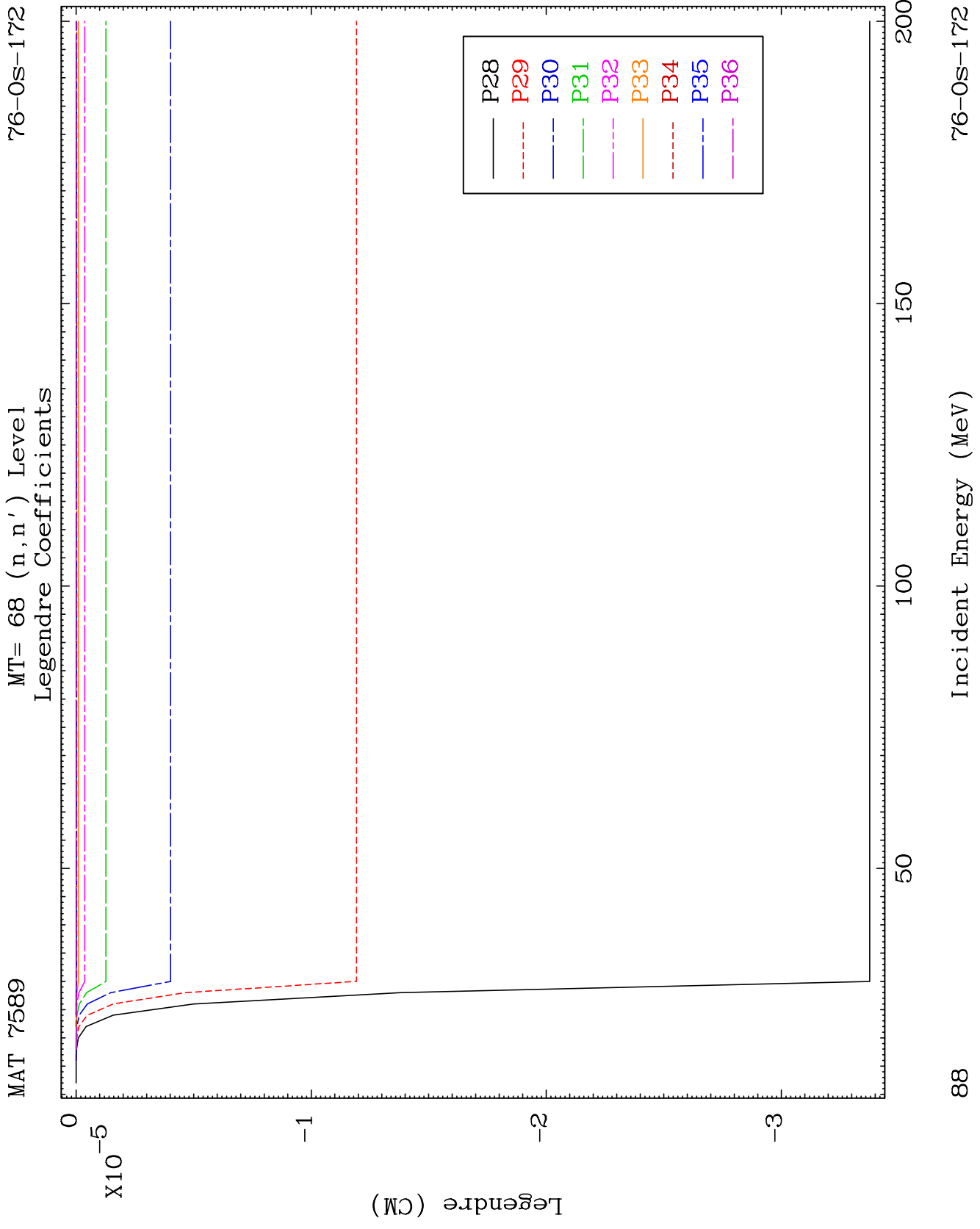
76-Os-172



87

Incident Energy (MeV)

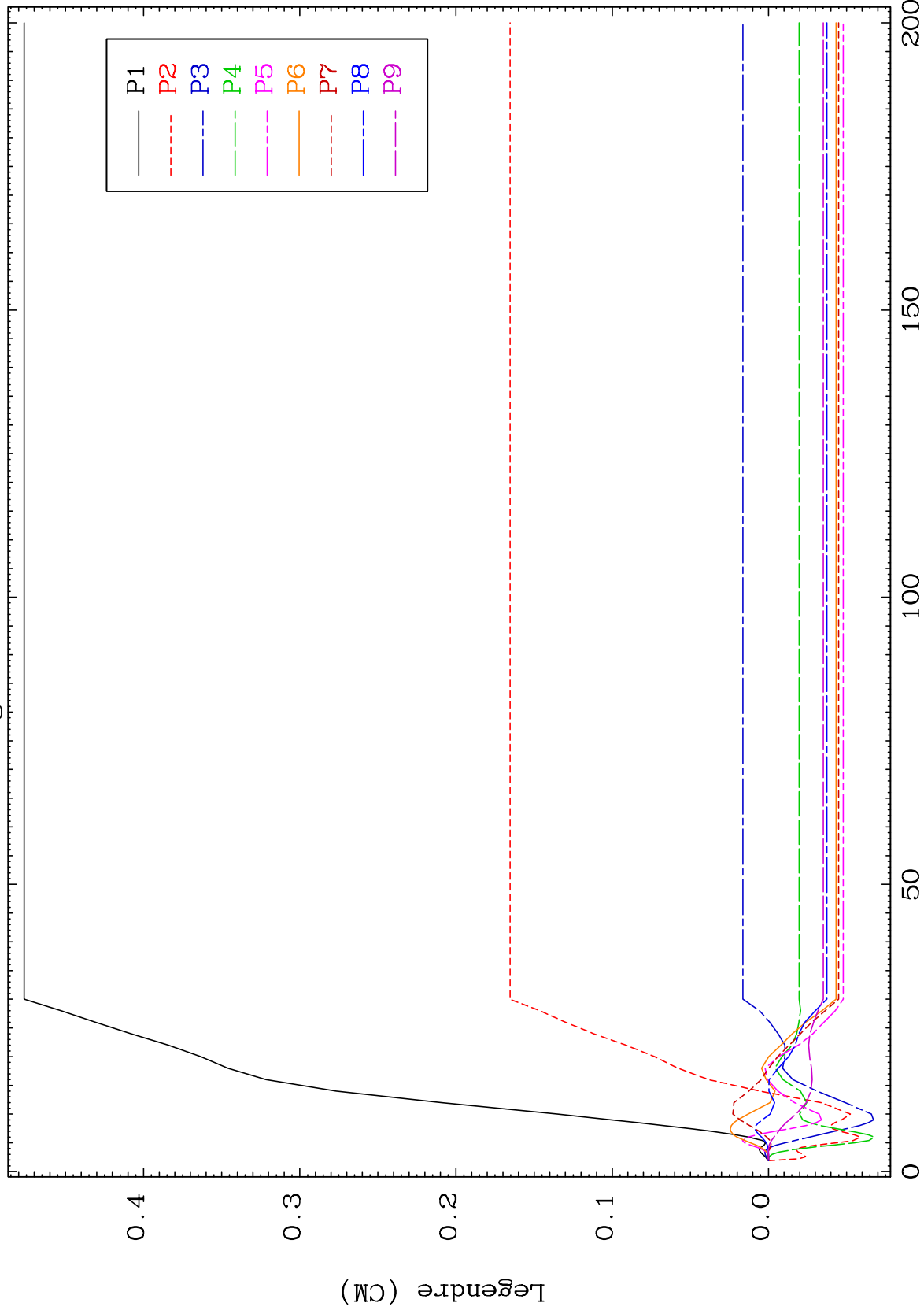
76-Os-172



MAT 7589

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

76-Os-172



76-Os-172

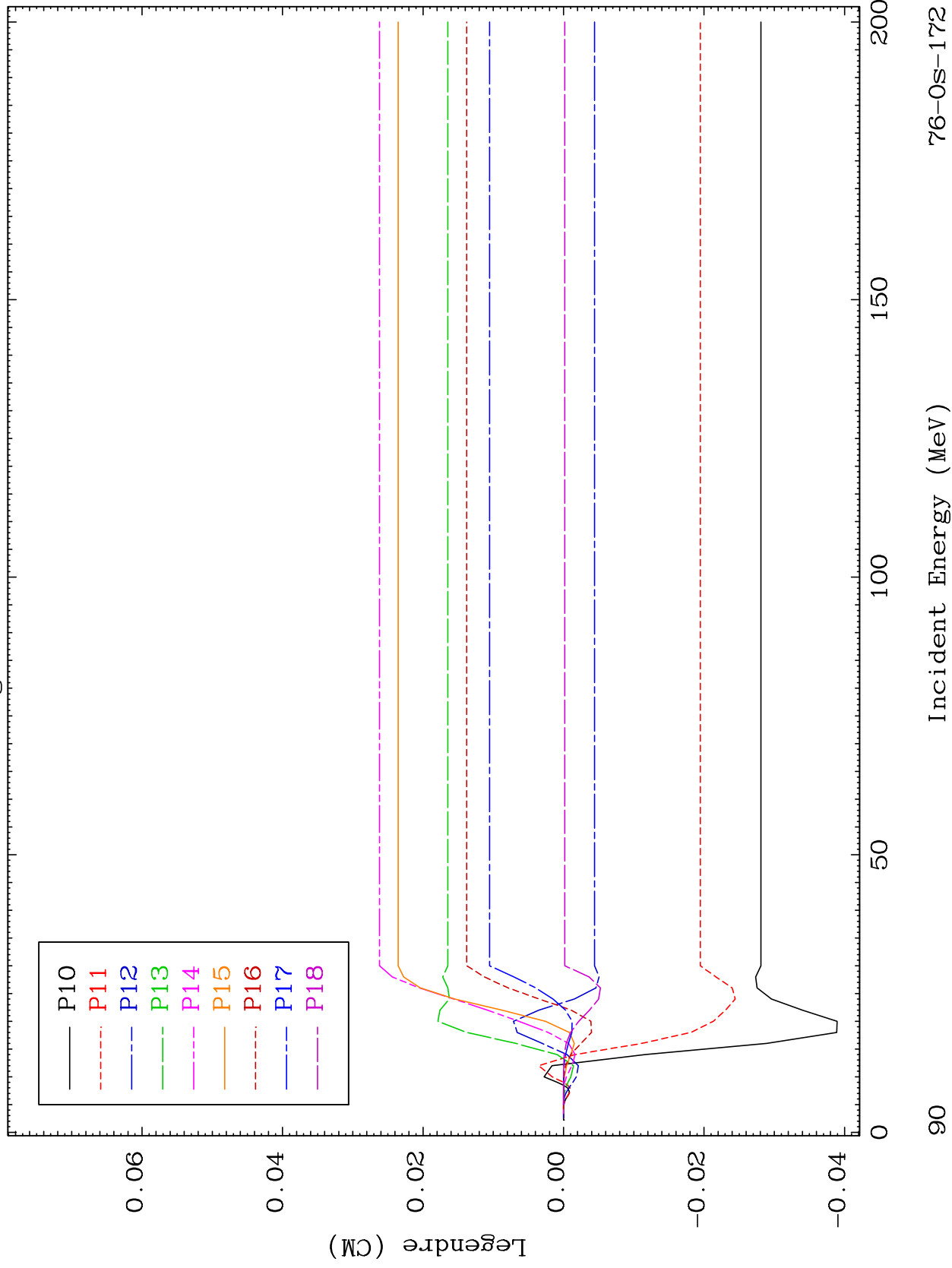
Incident Energy (MeV)

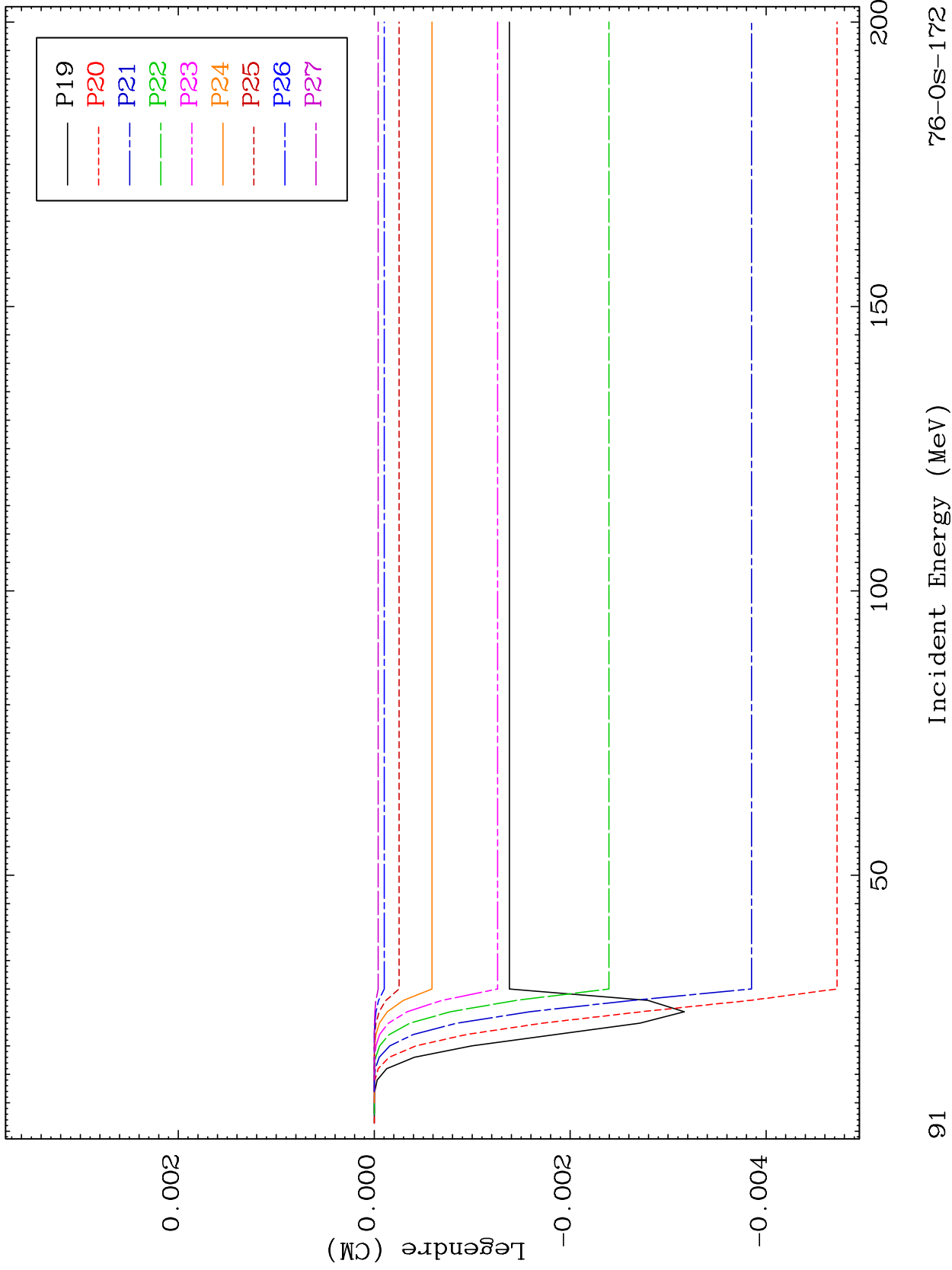
89

MAT 7589

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

76-0s-172





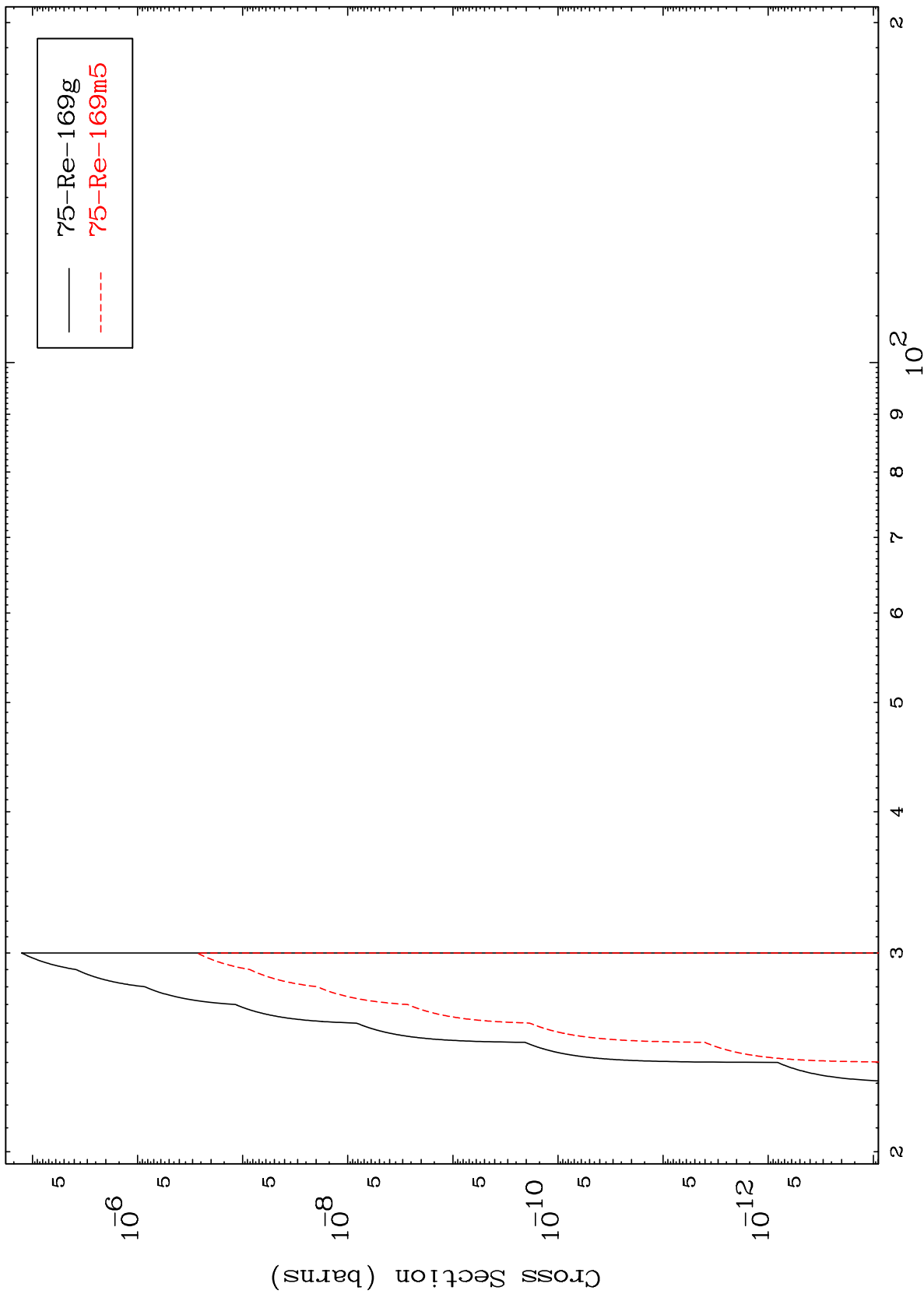


MAT 7589

(n,2n) d

76-Os-172

Radionuclide Production Cross Section



93

Incident Energy (MeV)

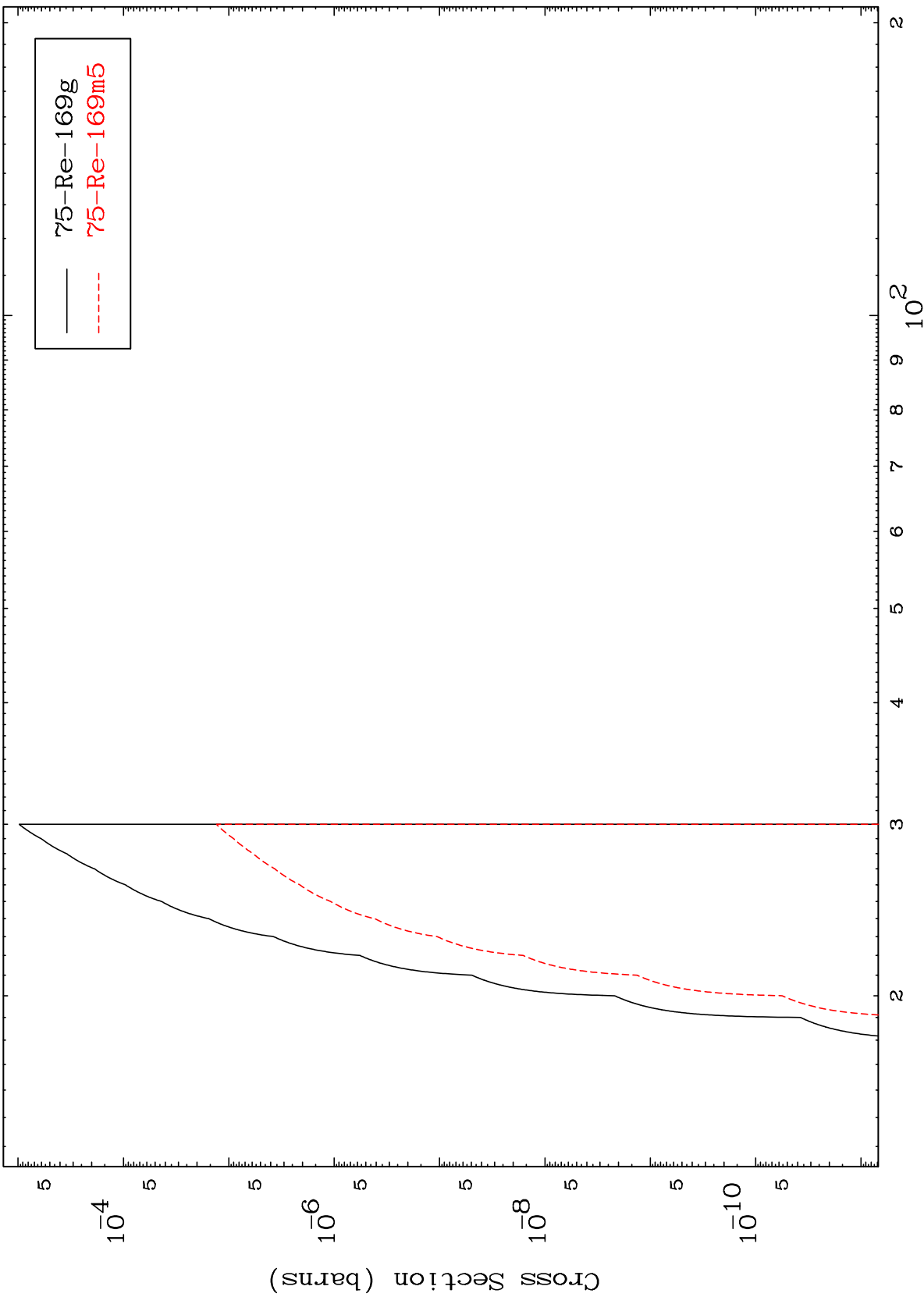
76-Os-172

MAT 7589

(n,n') t

76-Os-172

Radionuclide Production Cross Section

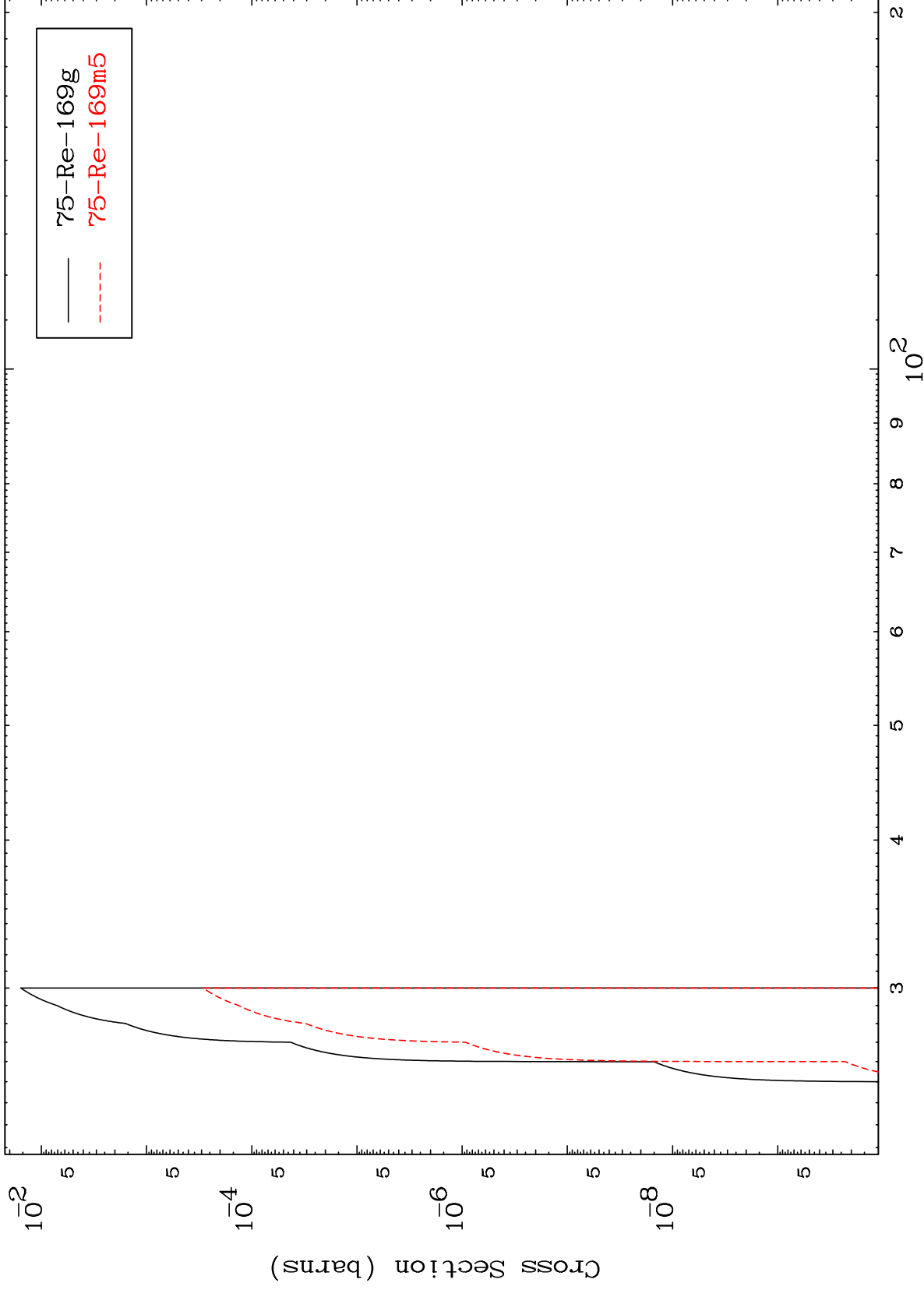


94

Incident Energy (MeV)

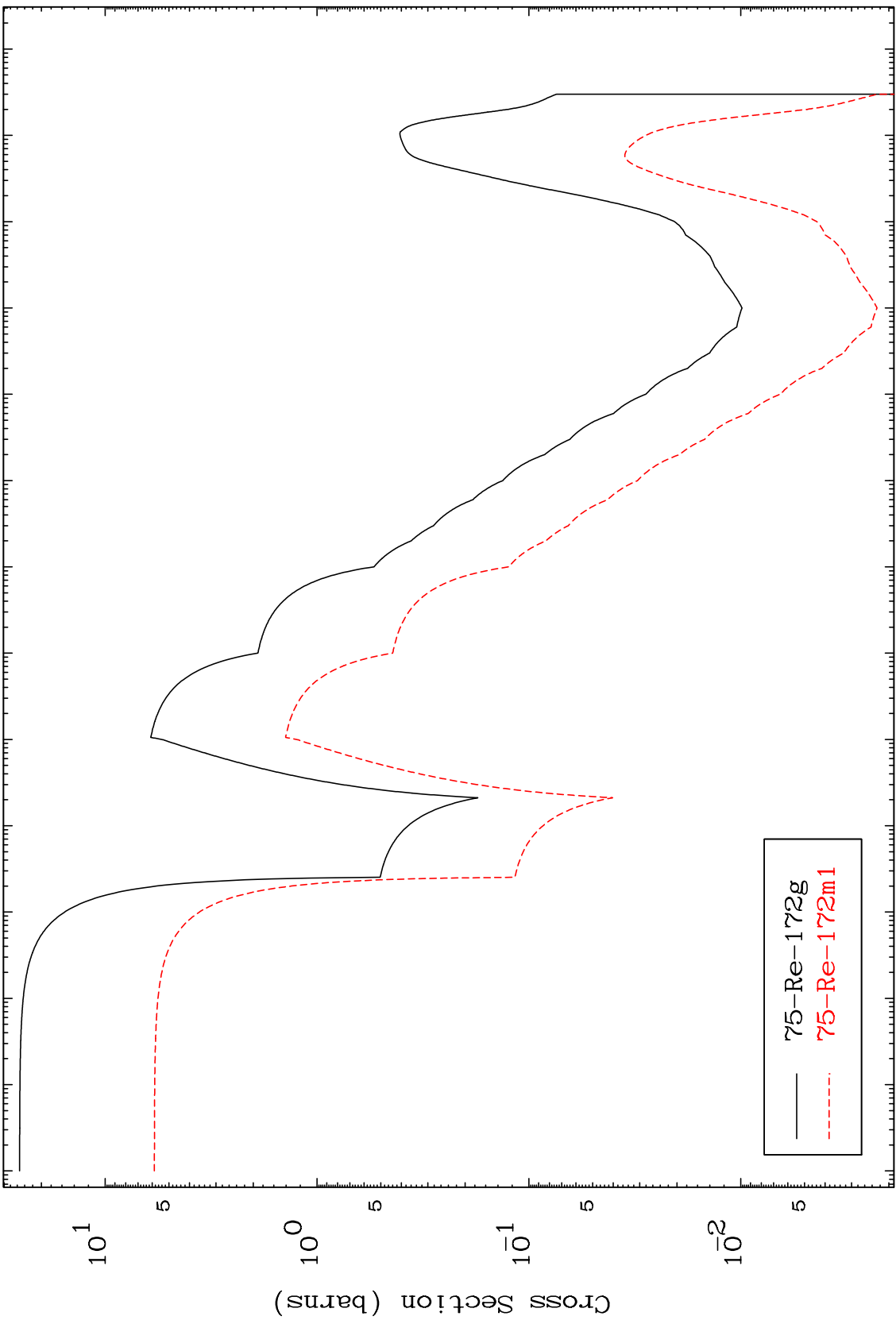
76-Os-172

Radionuclide Production Cross Section



75-Re-169g  
75-Re-169m5

Radionuclide Production Cross Section (n,p)



Incident Energy (MeV)

— 75-Re-172g  
- - - 75-Re-172m1