

Program EVALPLOT  
(Version 2018-1)

by

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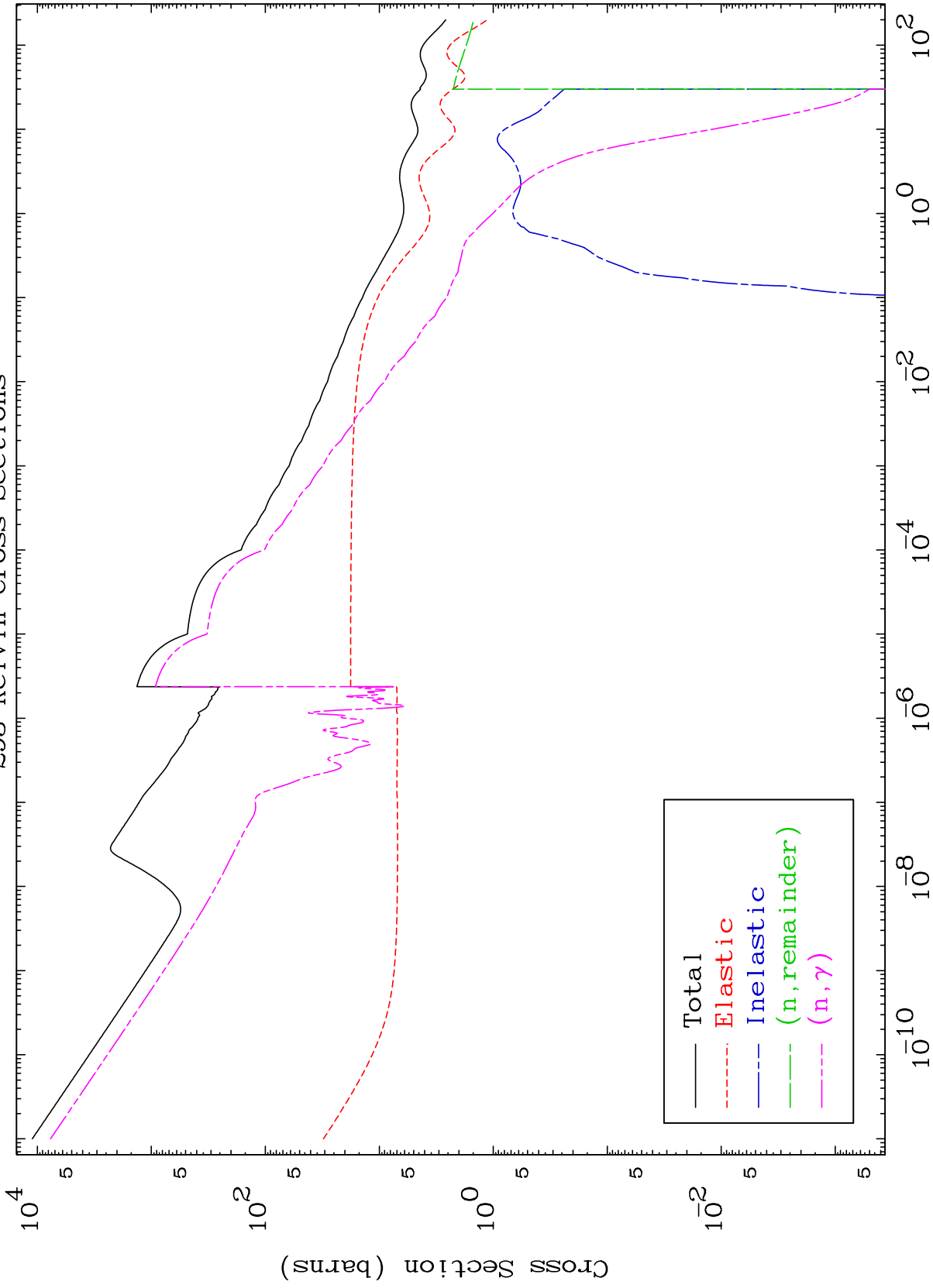
Press Mouse Button to Start

MAT 7580

Major

293 Kelvin Cross Sections

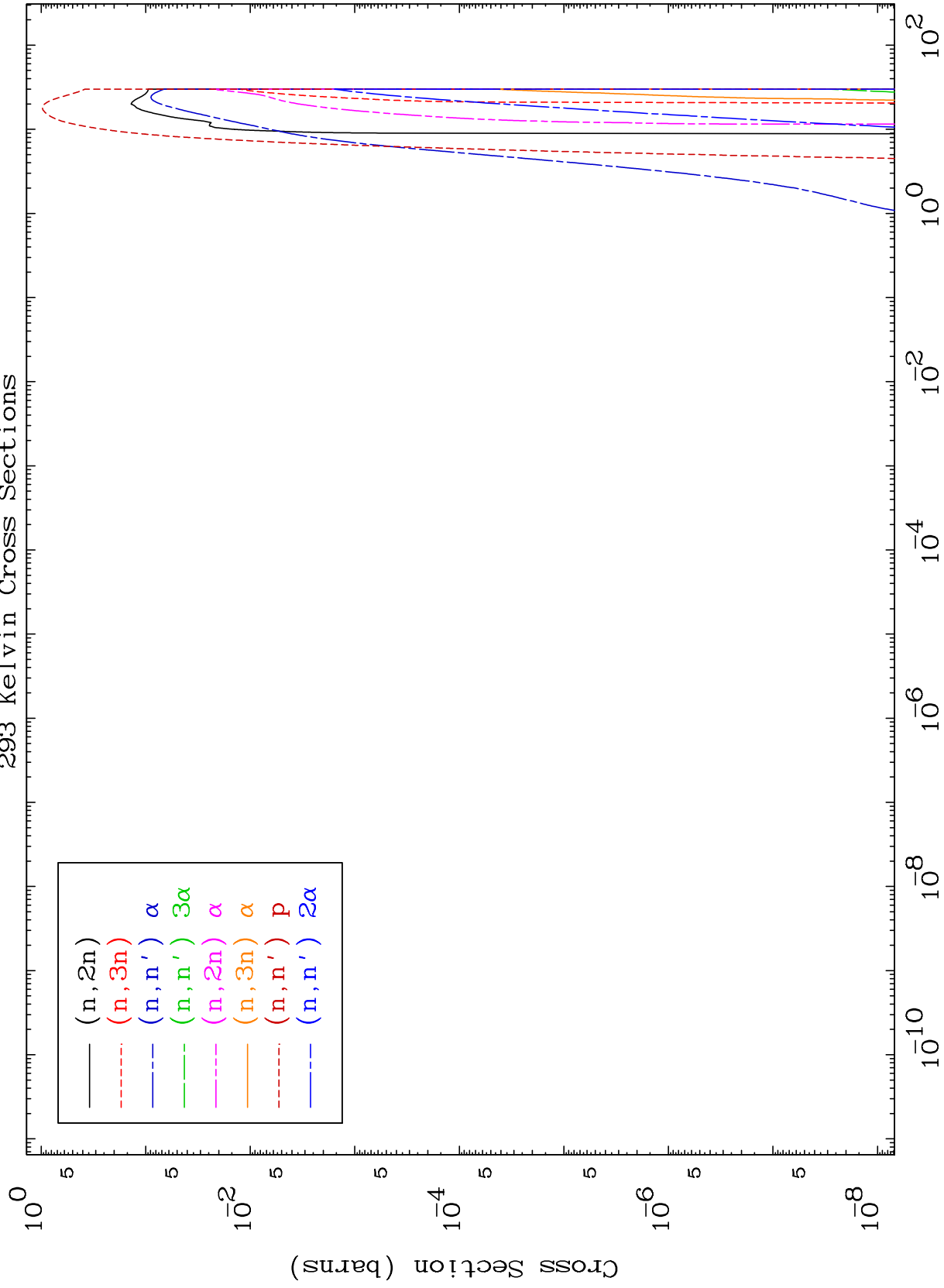
76-Os-169



MAT 7580

Neutron Production  
293 Kelvin Cross Sections

76-Os-169



2

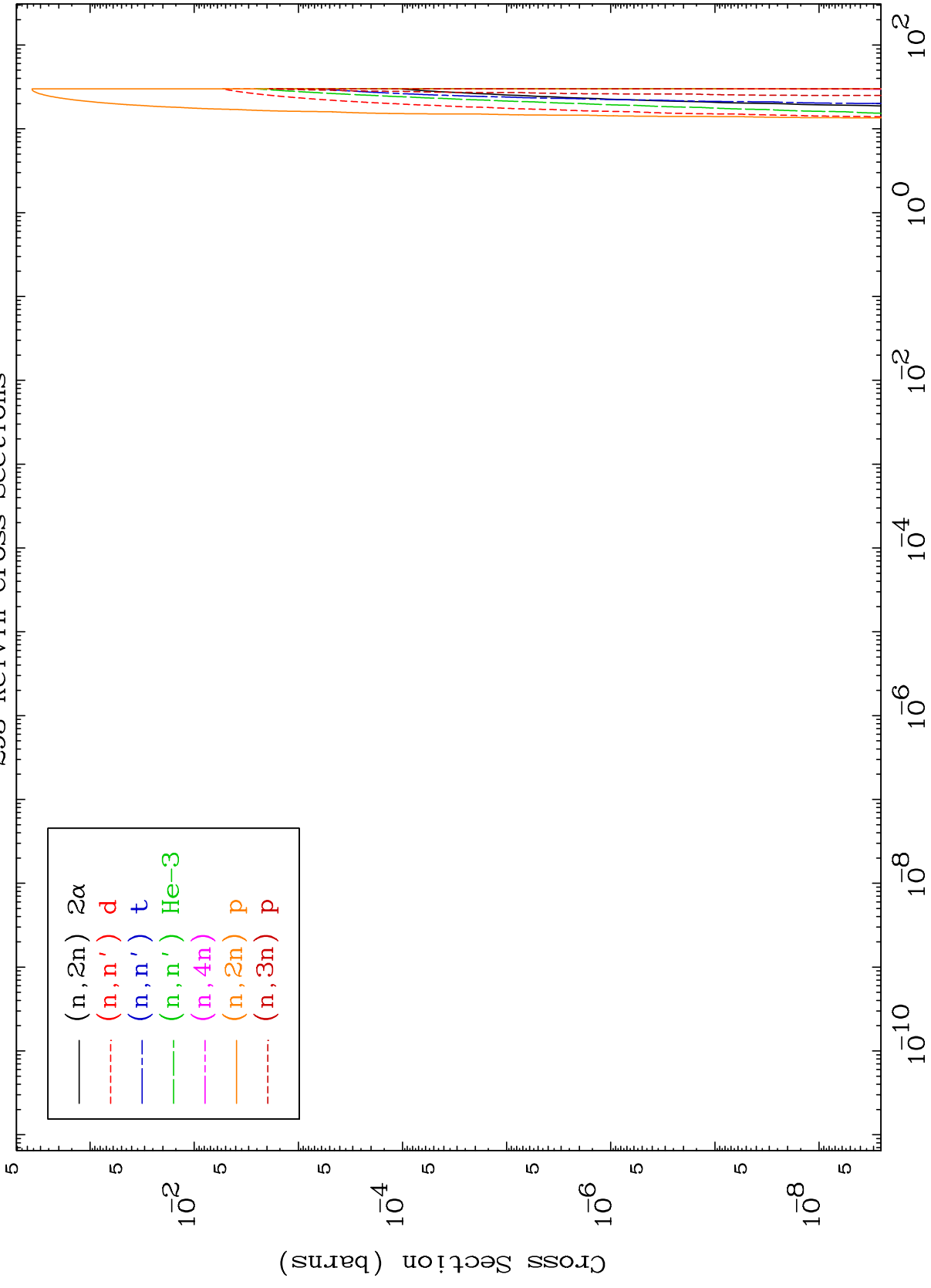
Incident Energy (MeV)

76-Os-169

MAT 7580

Neutron Production  
293 Kelvin Cross Sections

76-Os-169



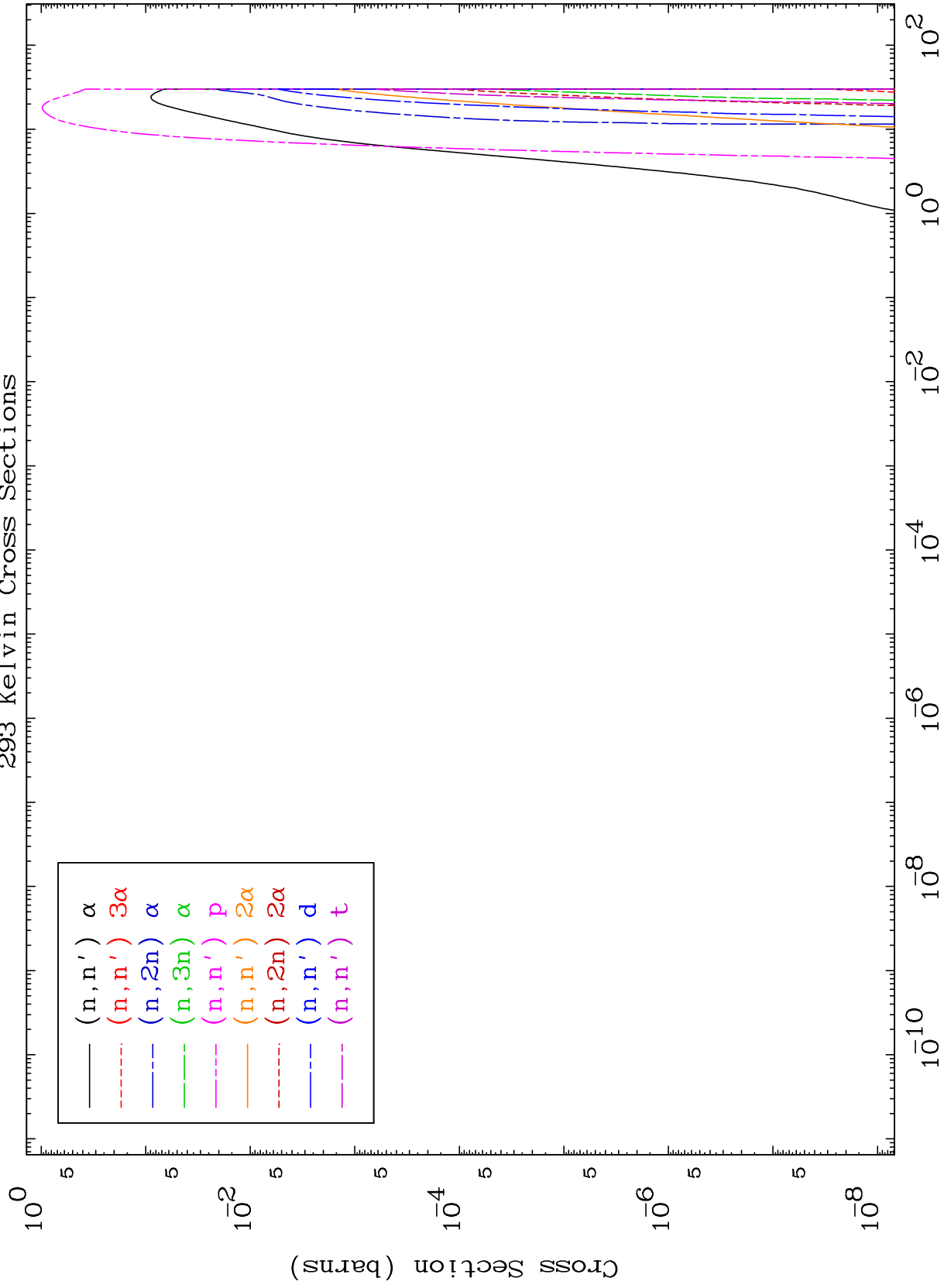
3

76-Os-169

MAT 7580

293 Kelvin Cross Sections

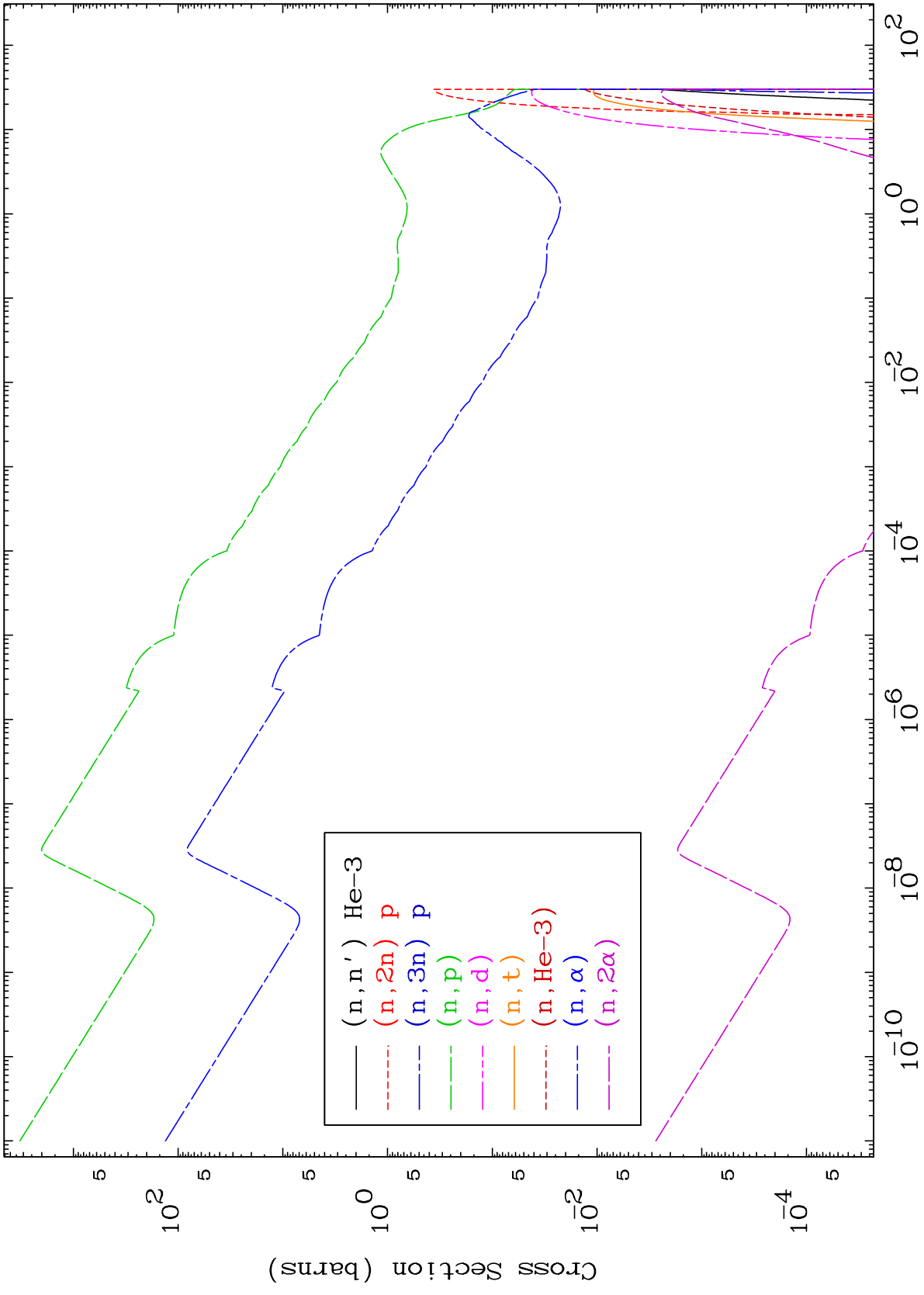
76-Os-169



MAT 7580

293 Kelvin Cross Sections

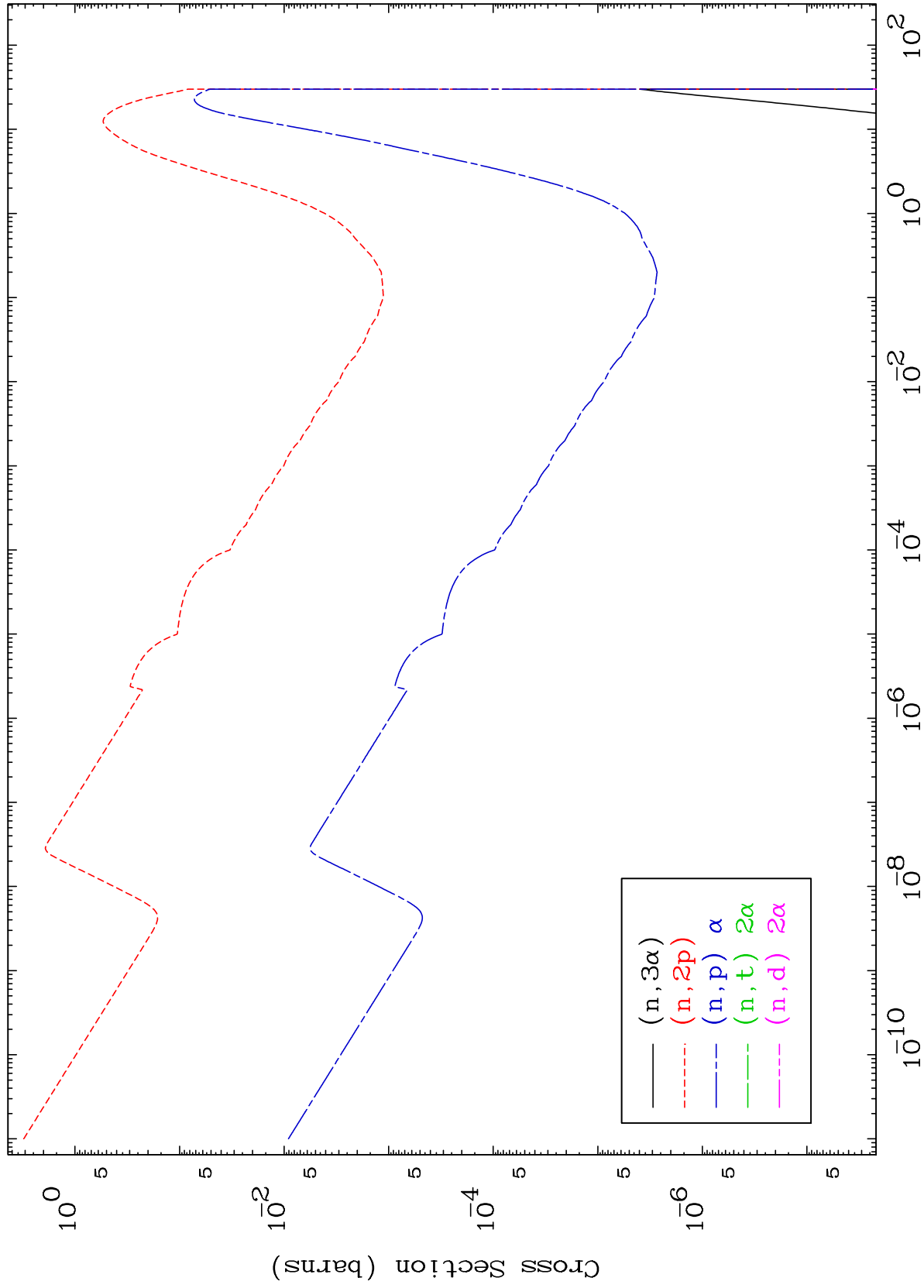
76-Os-169



5

Incident Energy (MeV)

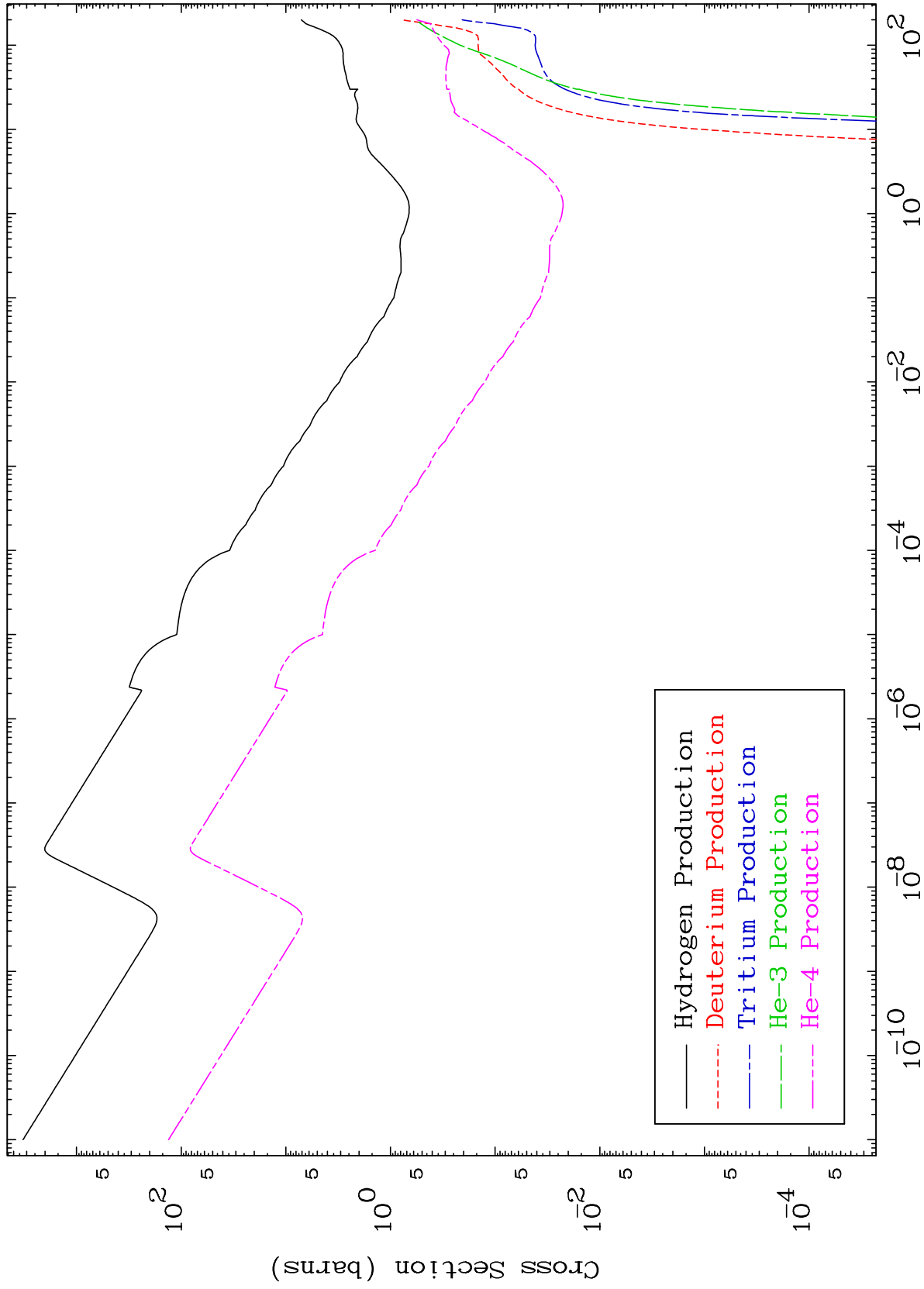
76-Os-169



MAT 7580

Particle Production  
293 Kelvin Cross Sections

76-Os-169

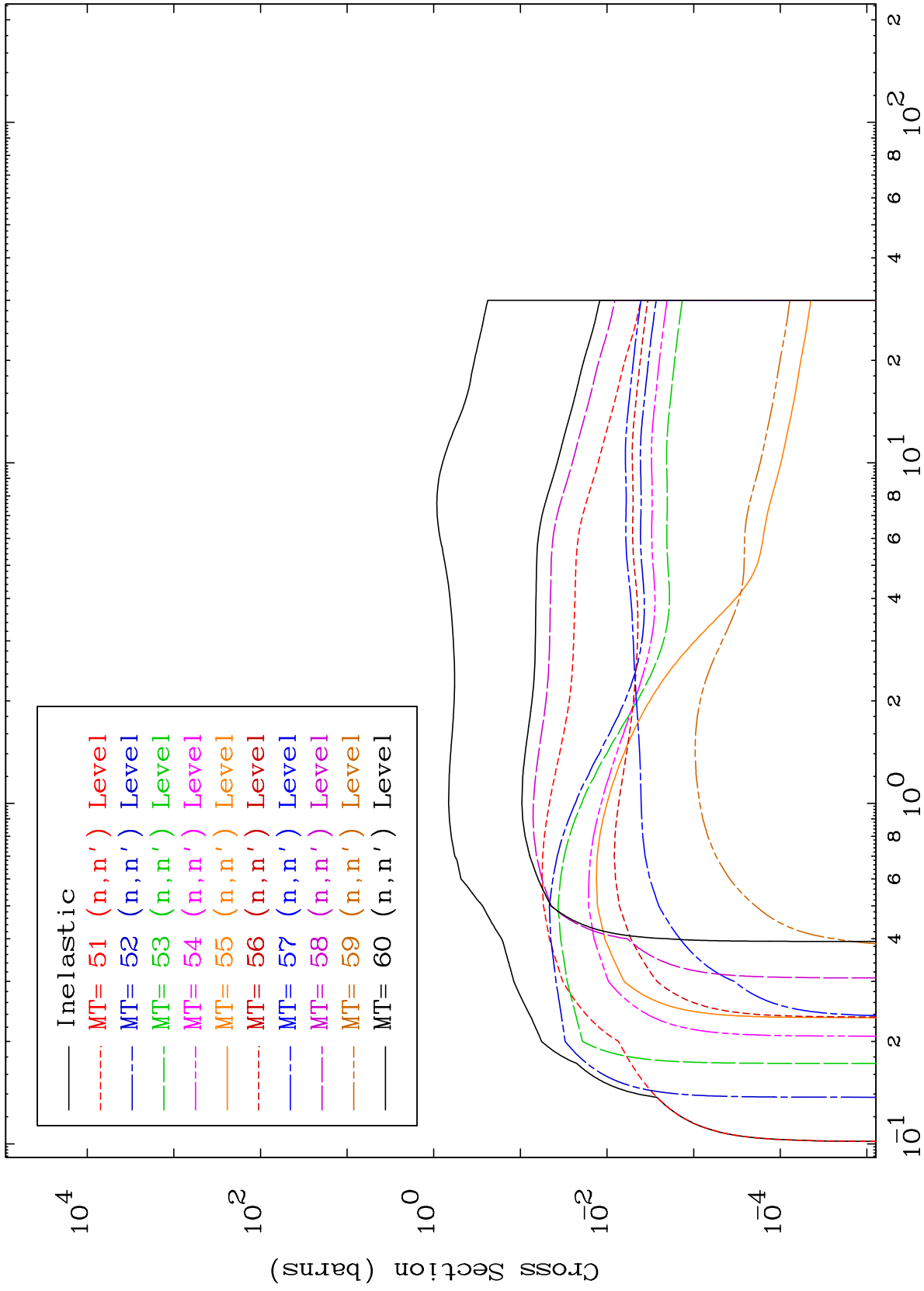




MAT 7580

293 Kelvin Cross Sections

76-Os-169



8

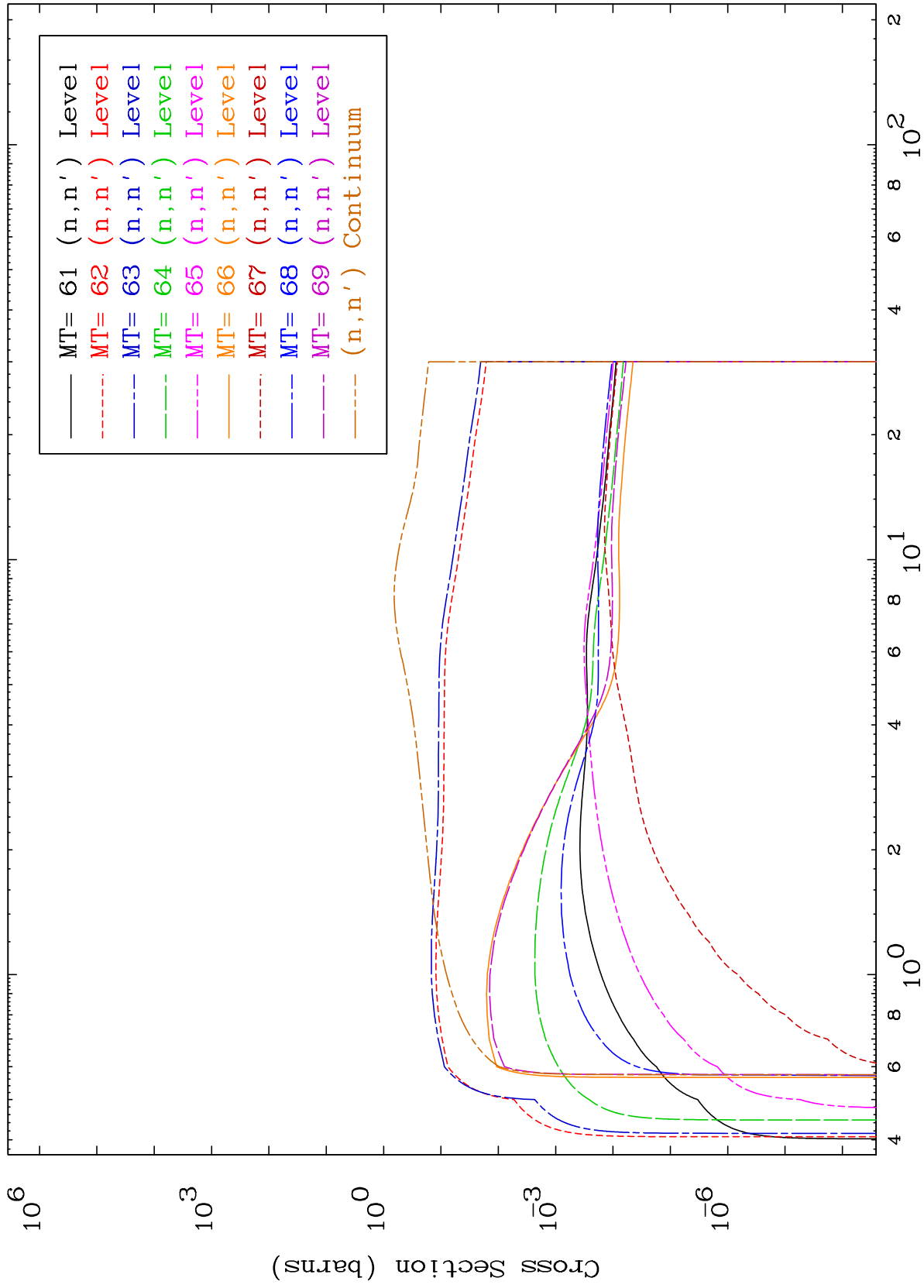
Incident Energy (MeV)

76-Os-169

MAT 7580

(n,n') Level  
293 Kelvin Cross Sections

76-Os-169



9

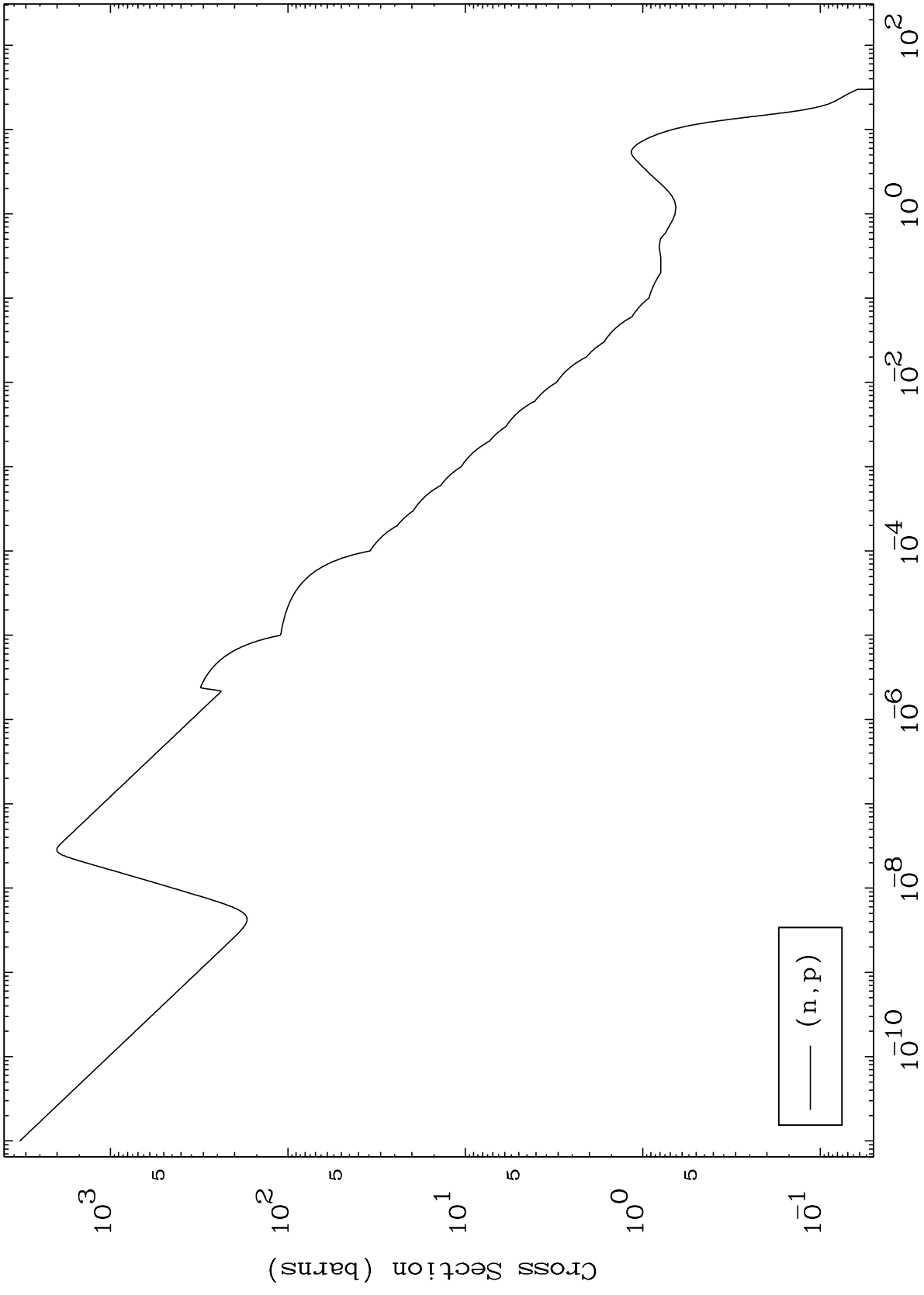
Incident Energy (MeV)

76-Os-169

MAT 7580

(n,p) Levels  
293 Kelvin Cross Sections

76-Os-169



10

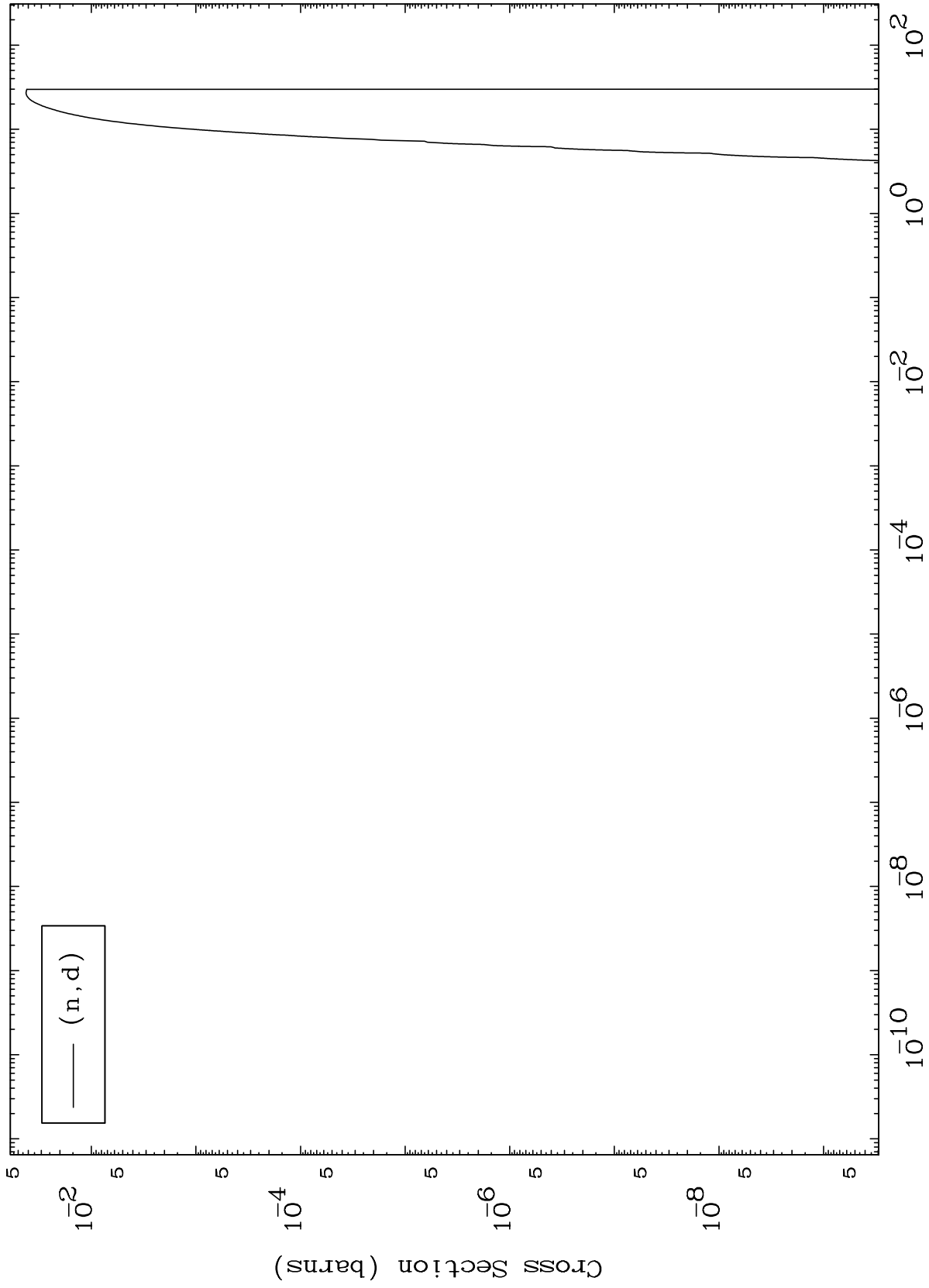
Incident Energy (MeV)

76-Os-169

MAT 7580

(n,d) Levels  
293 Kelvin Cross Sections

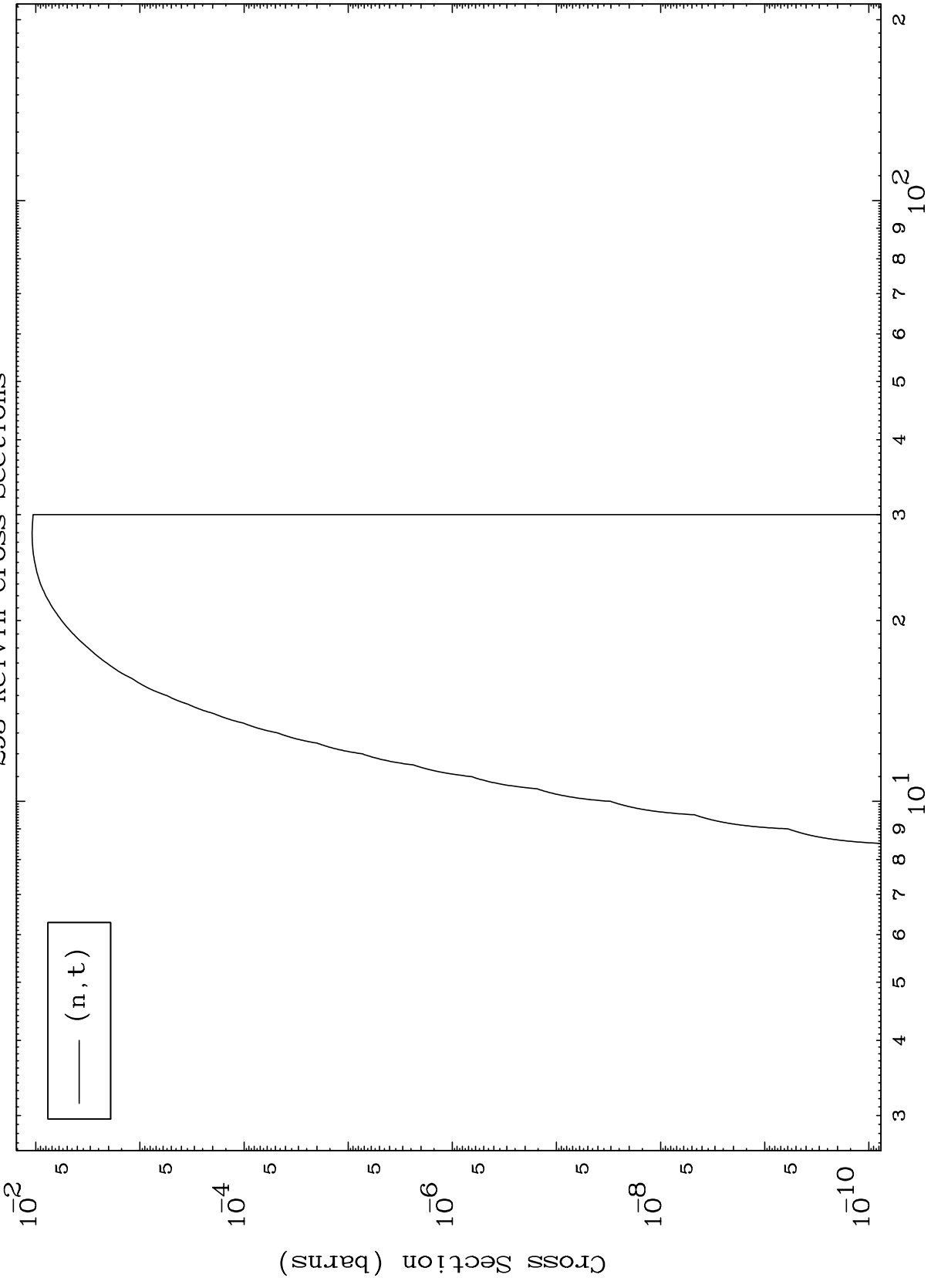
76-Os-169



MAT 7580

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-169



(n,t)

12

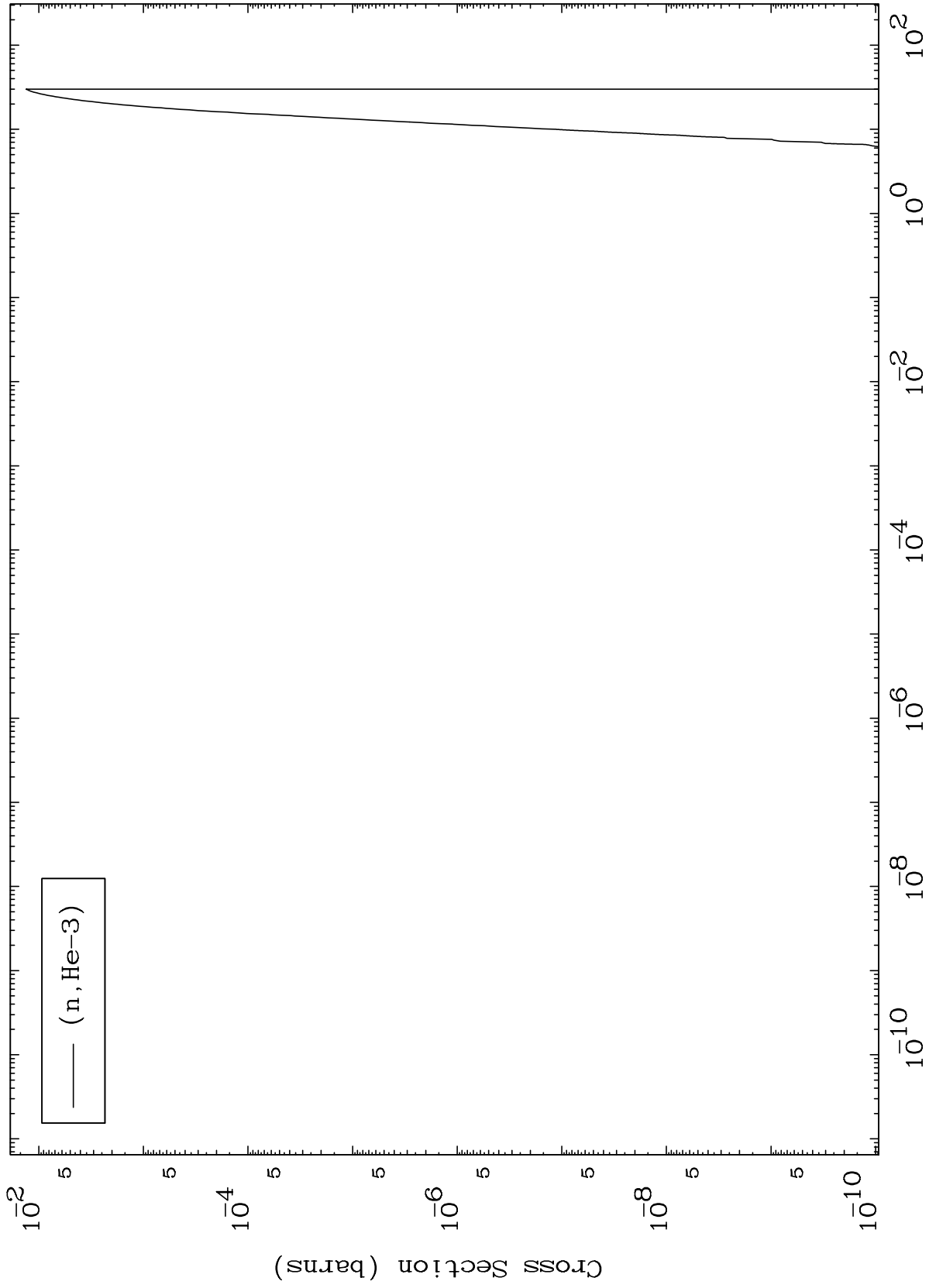
Incident Energy (MeV)

76-Os-169

MAT 7580

(n,He3) Levels  
293 Kelvin Cross Sections

76-Os-169



13

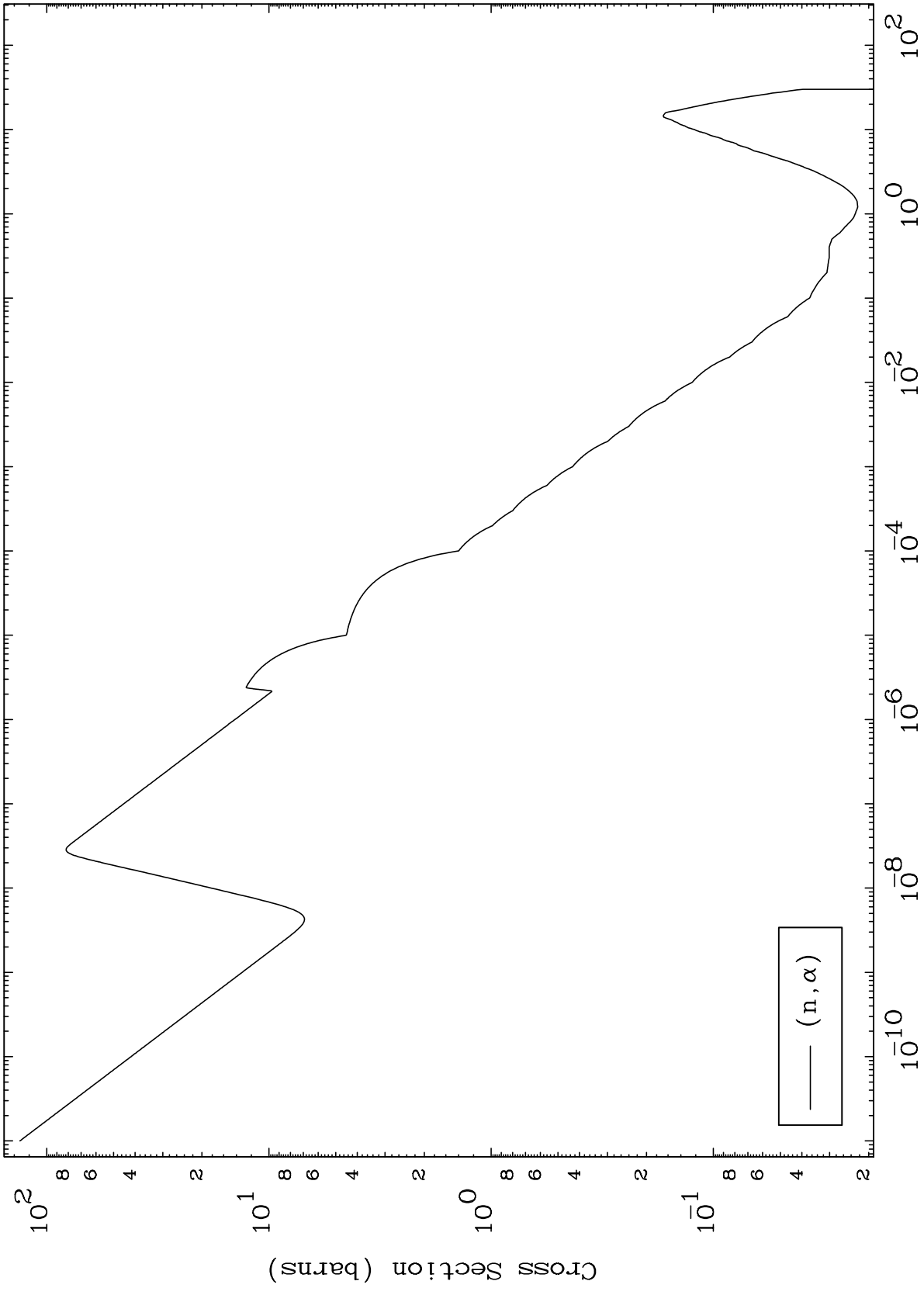
Incident Energy (MeV)

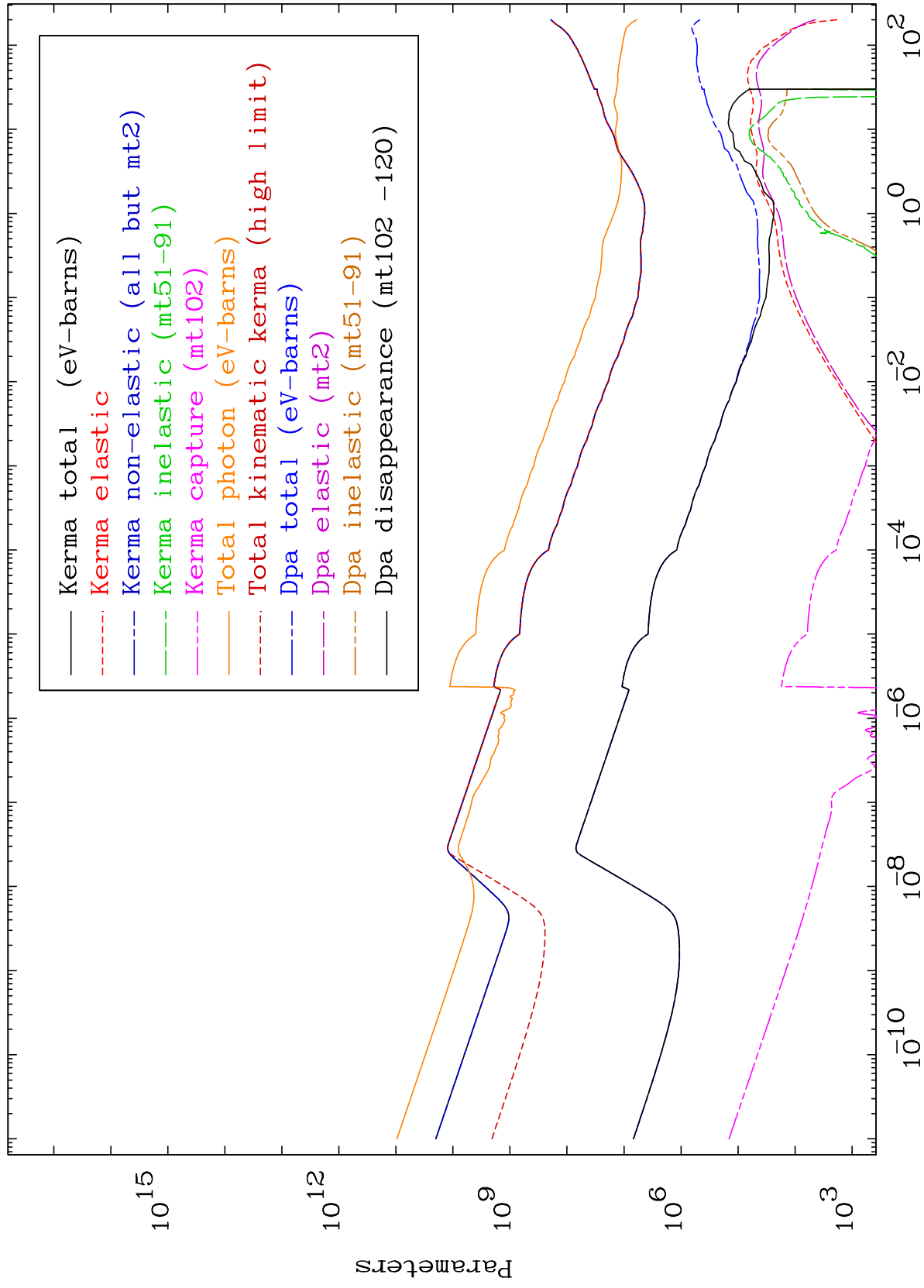
76-Os-169

MAT 7580

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

76-Os-169



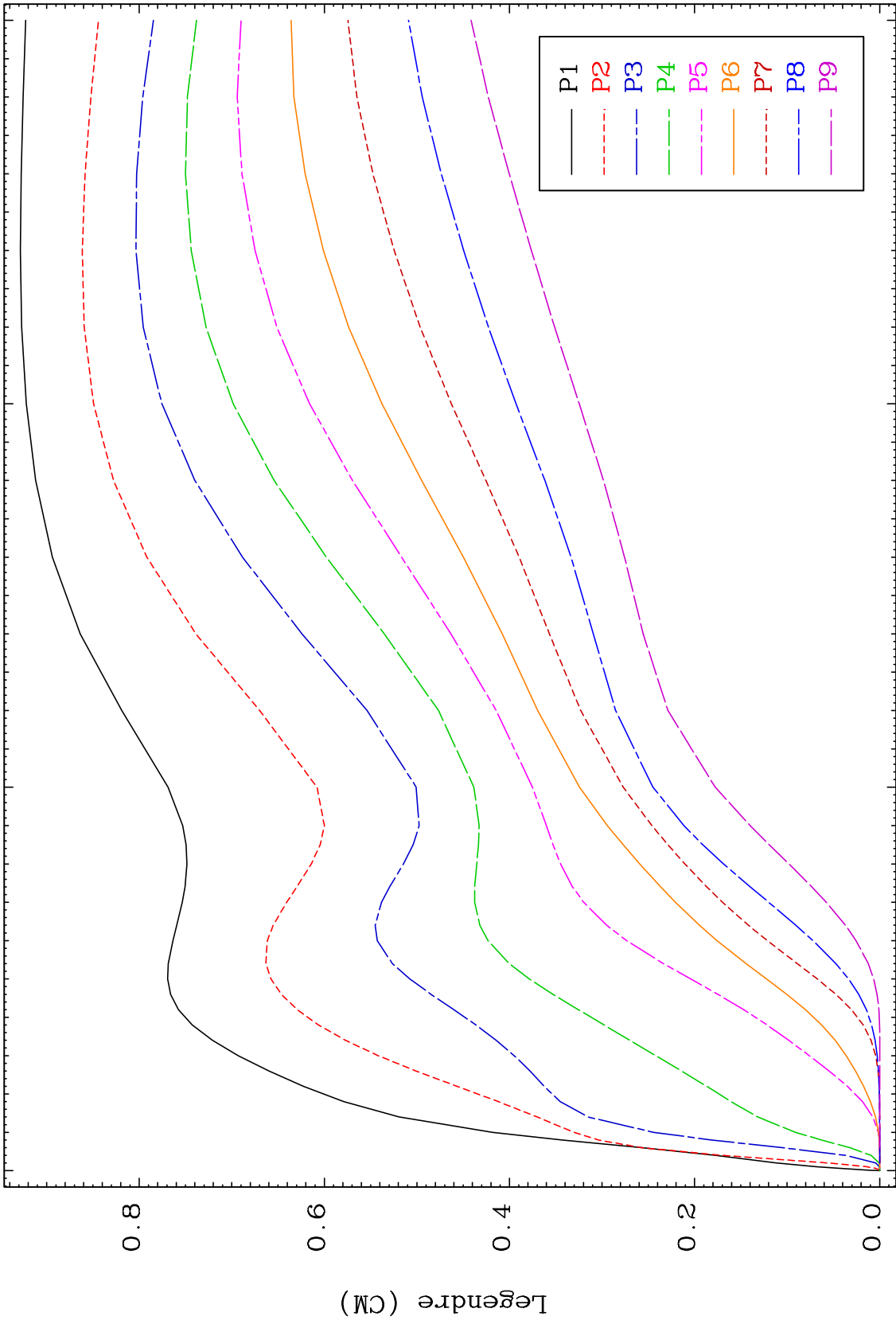




MAT 7580

Elastic Legendre Coefficients

76-Os-169



76-Os-169

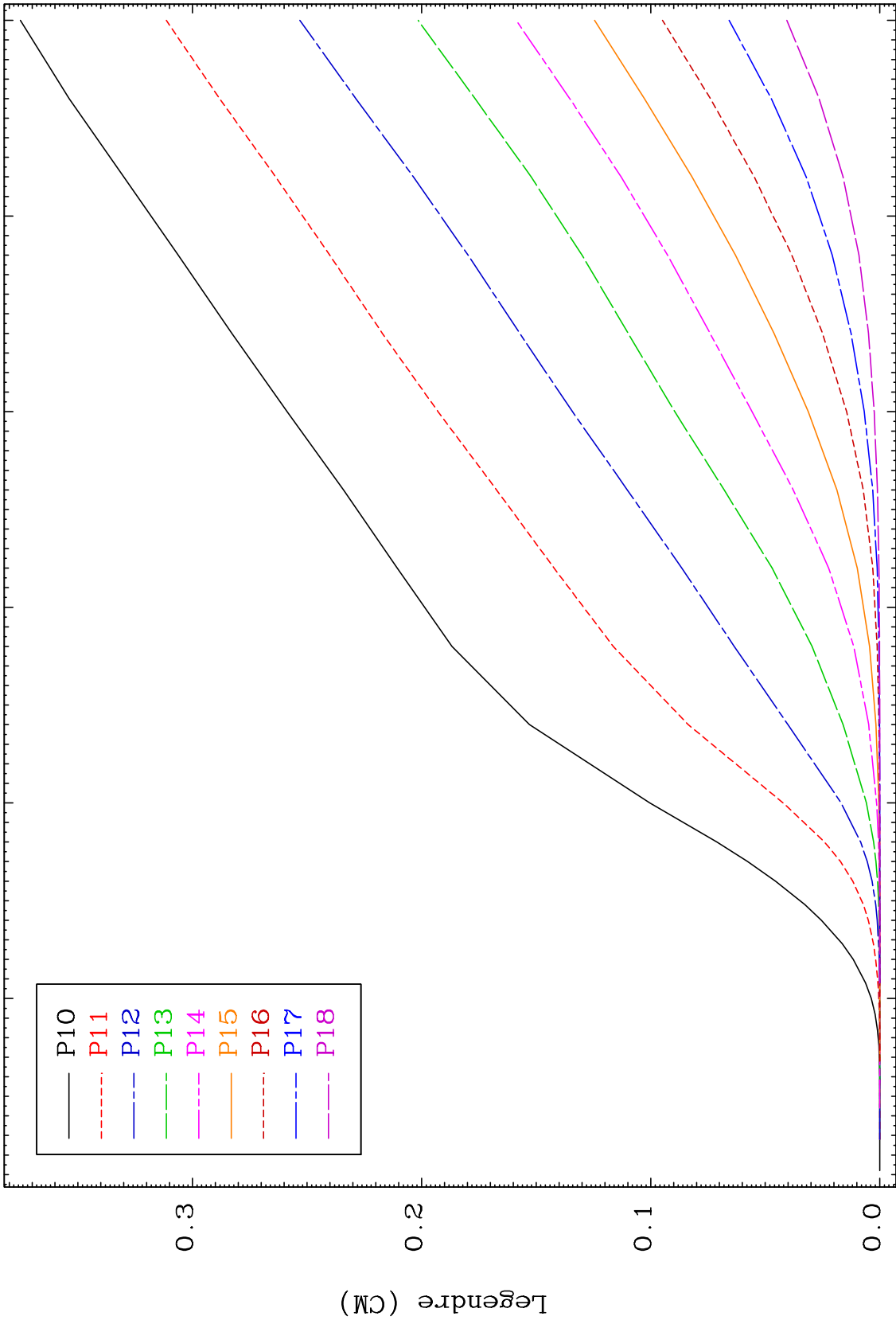
Incident Energy (MeV)

16

MAT 7580

Elastic Legendre Coefficients

76-Os-169



17

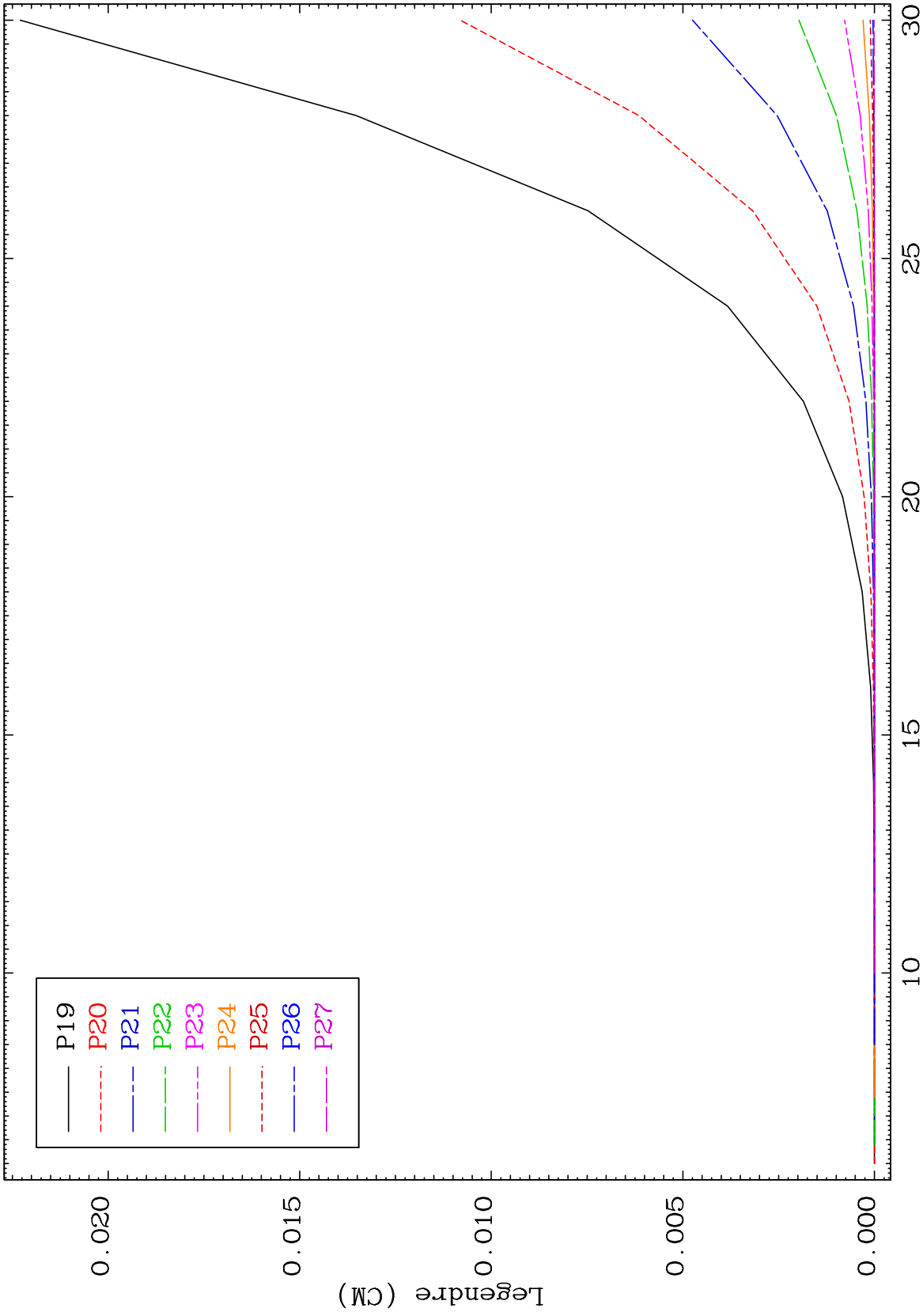
Incident Energy (MeV)

76-Os-169

MAT 7580

Elastic Legendre Coefficients

76-Os-169



18

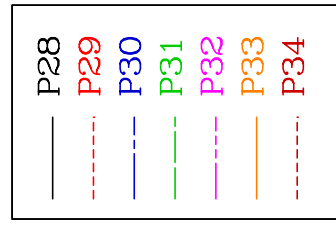
Incident Energy (MeV)

76-Os-169

MAT 7580

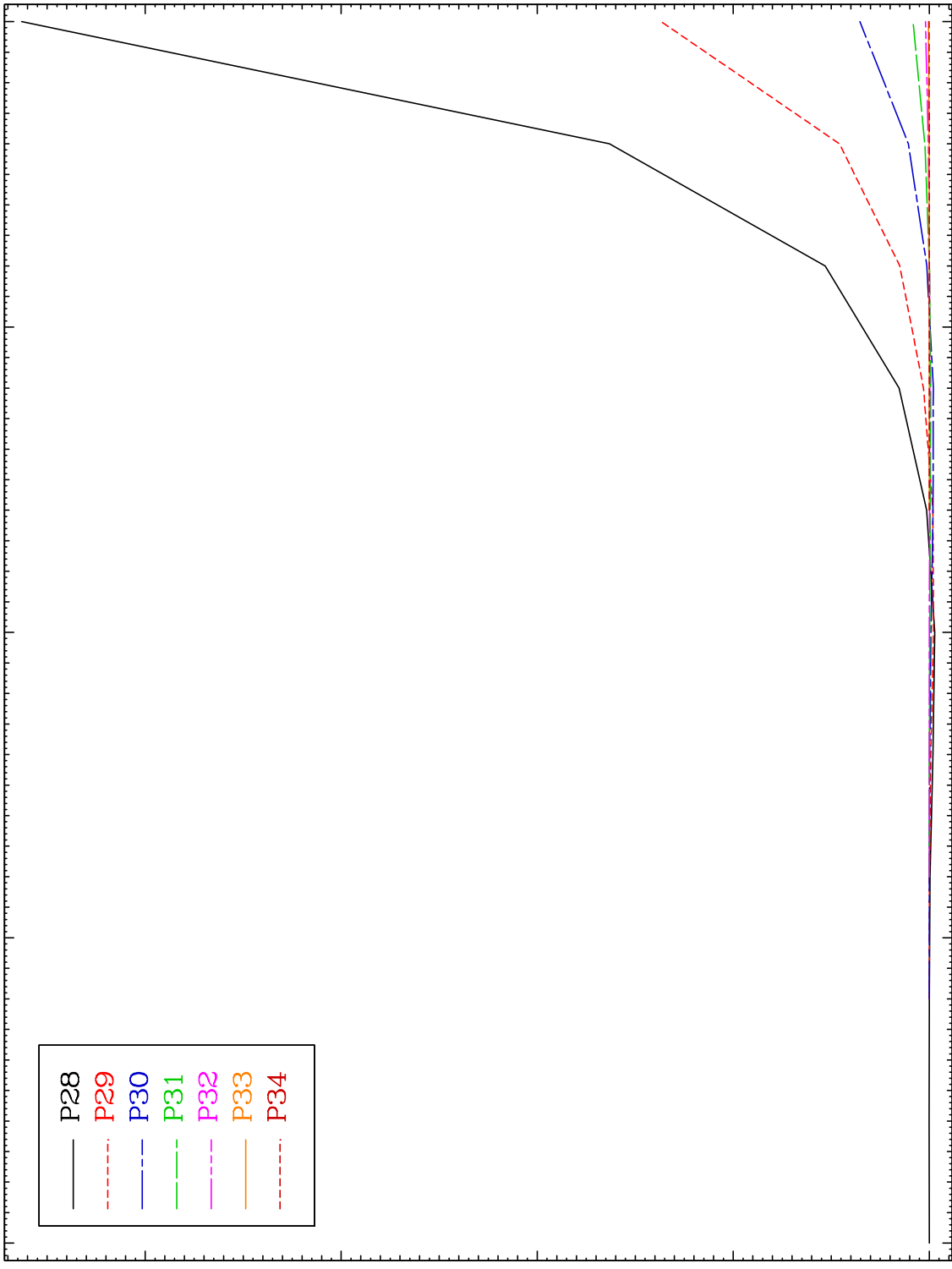
Elastic Legendre Coefficients

76-Os-169



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

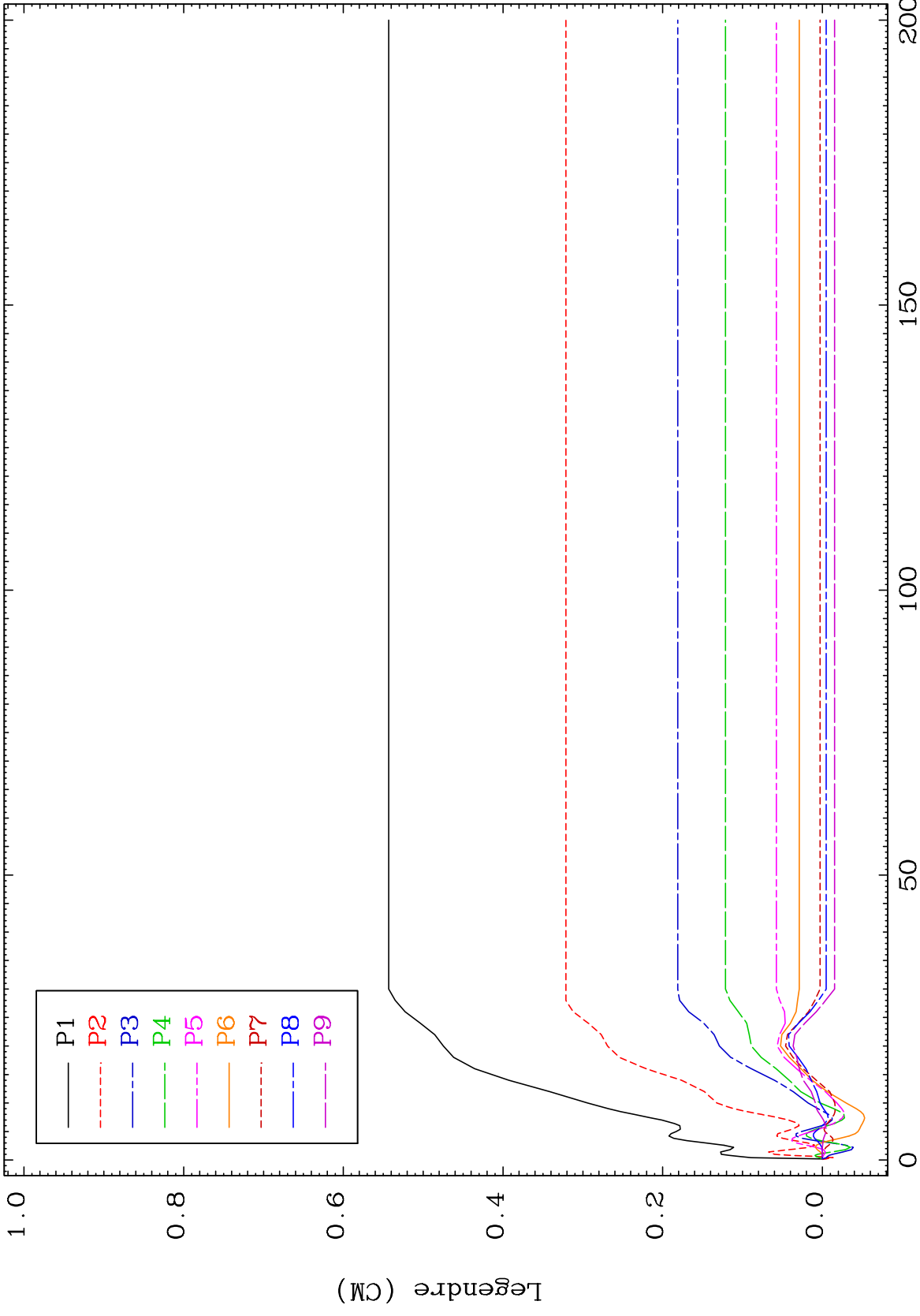
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

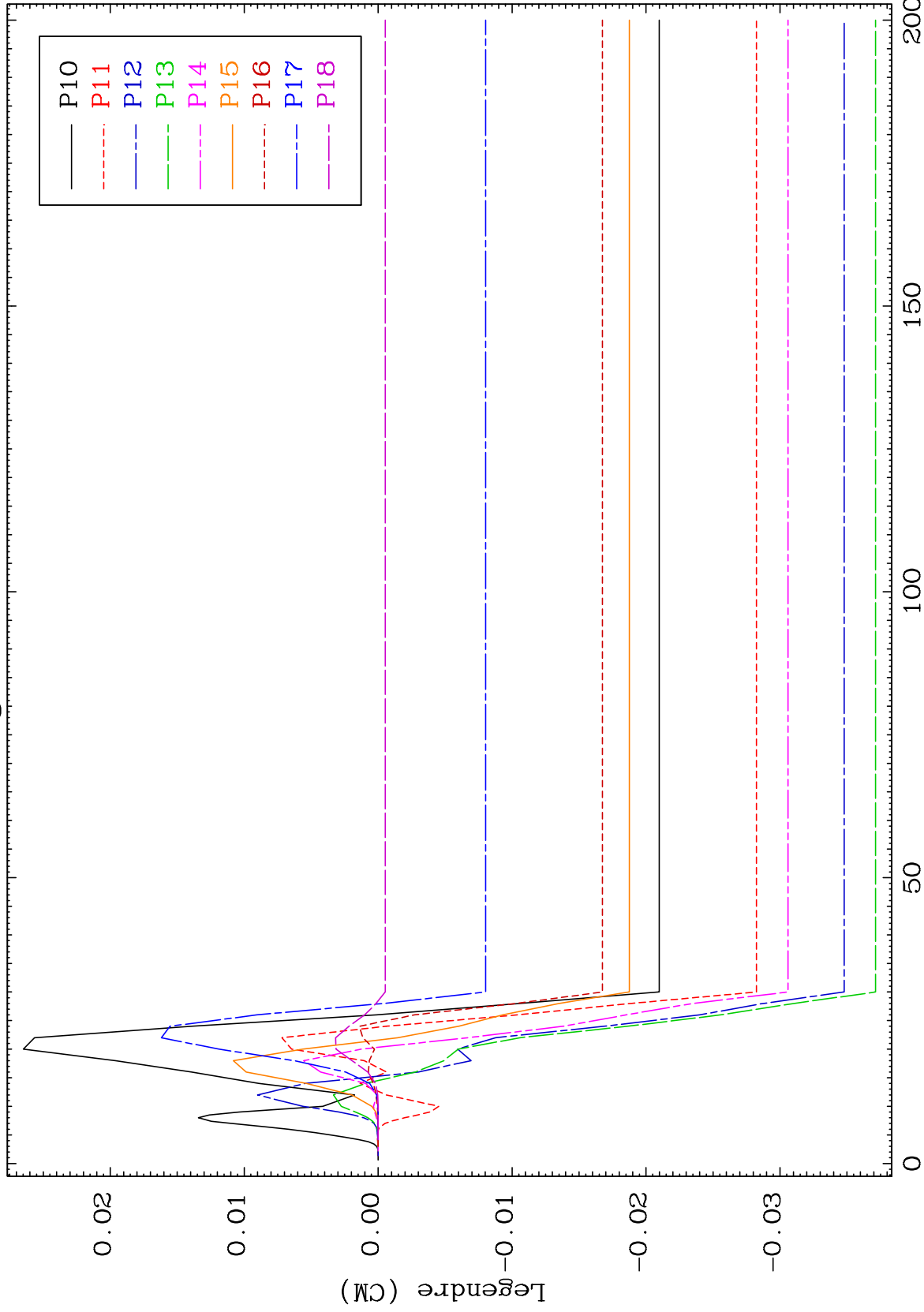
Incident Energy (MeV)

20

MAT 7580

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

76-Os-169



21

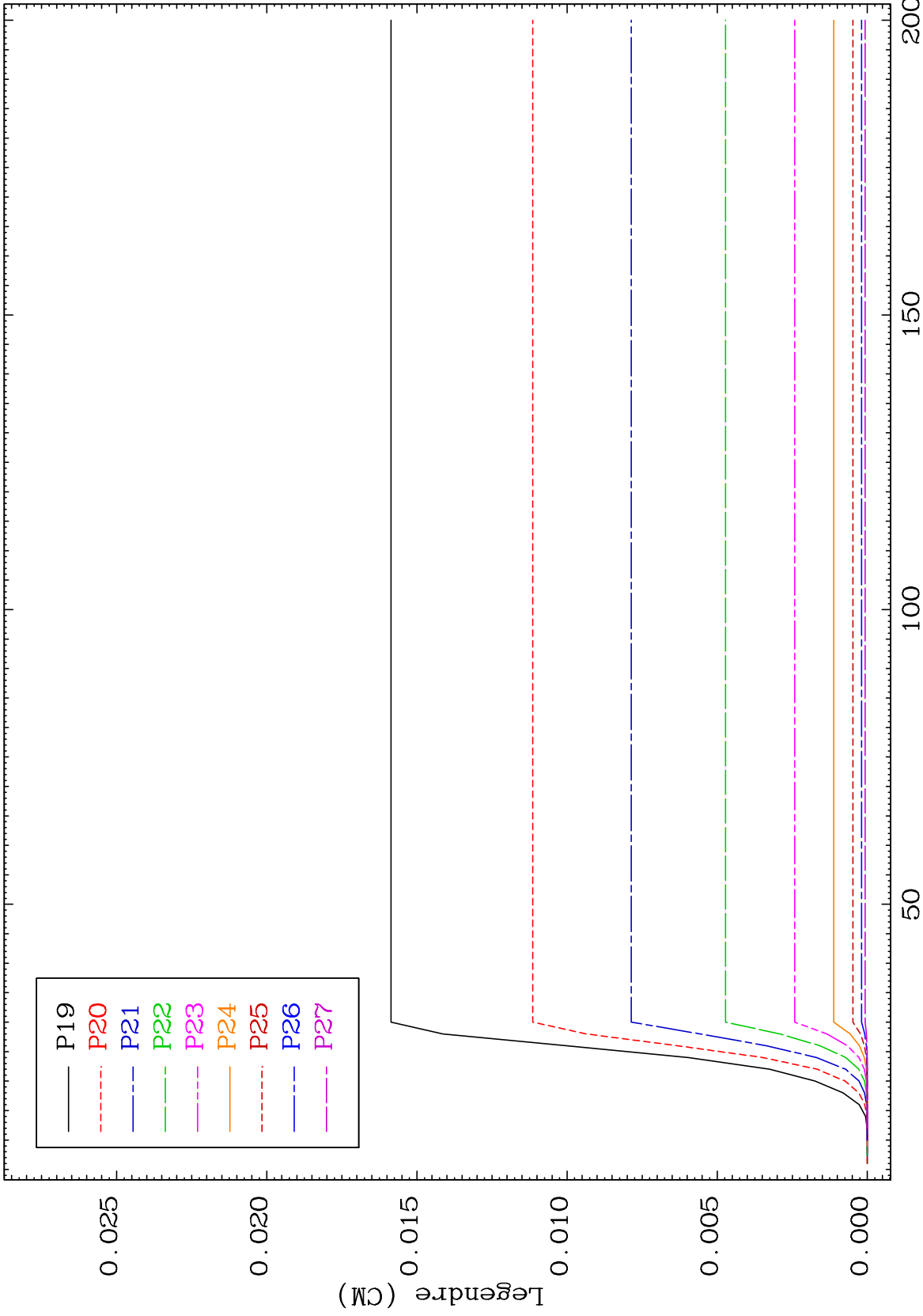
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



22

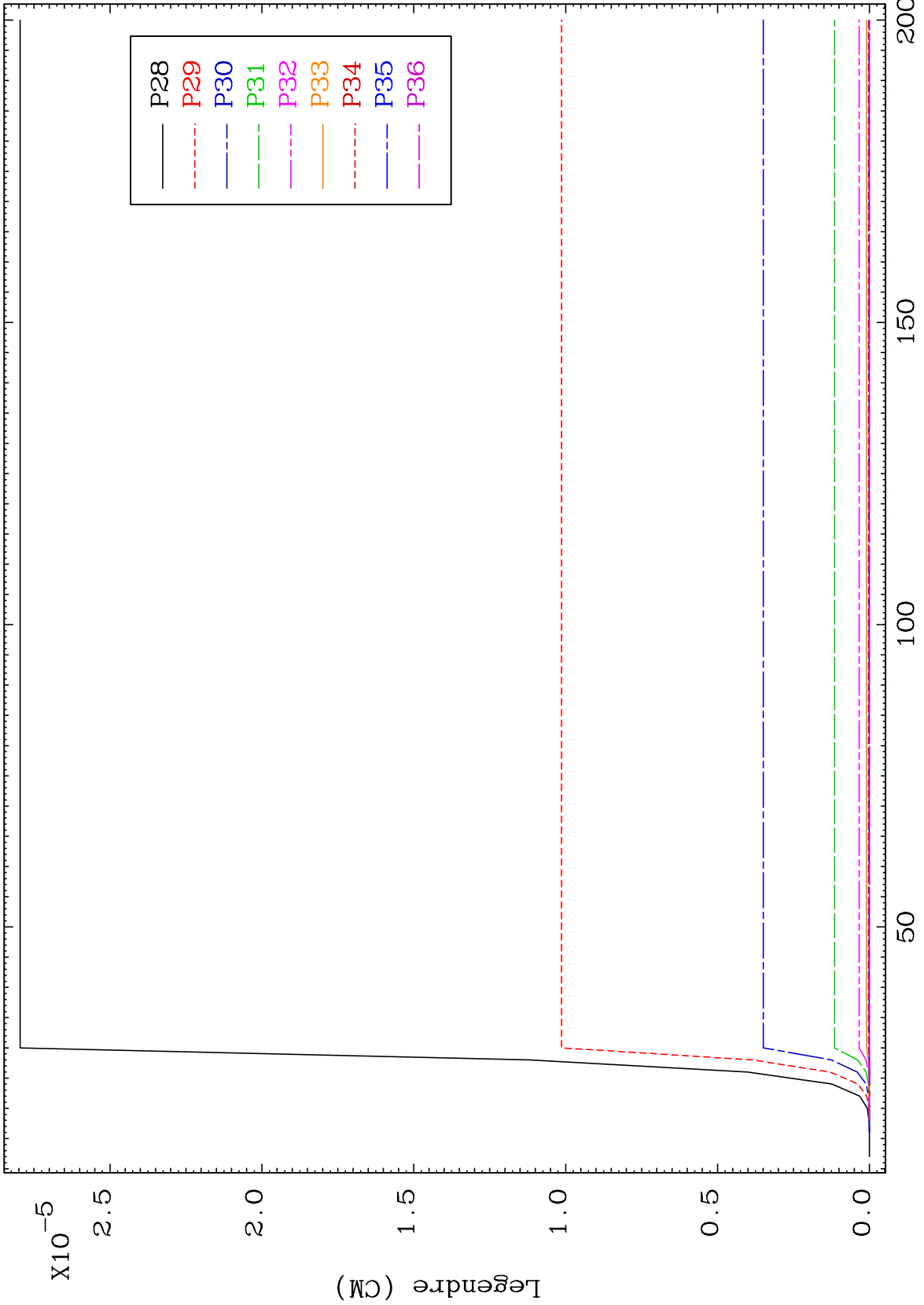
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



23

Incident Energy (MeV)

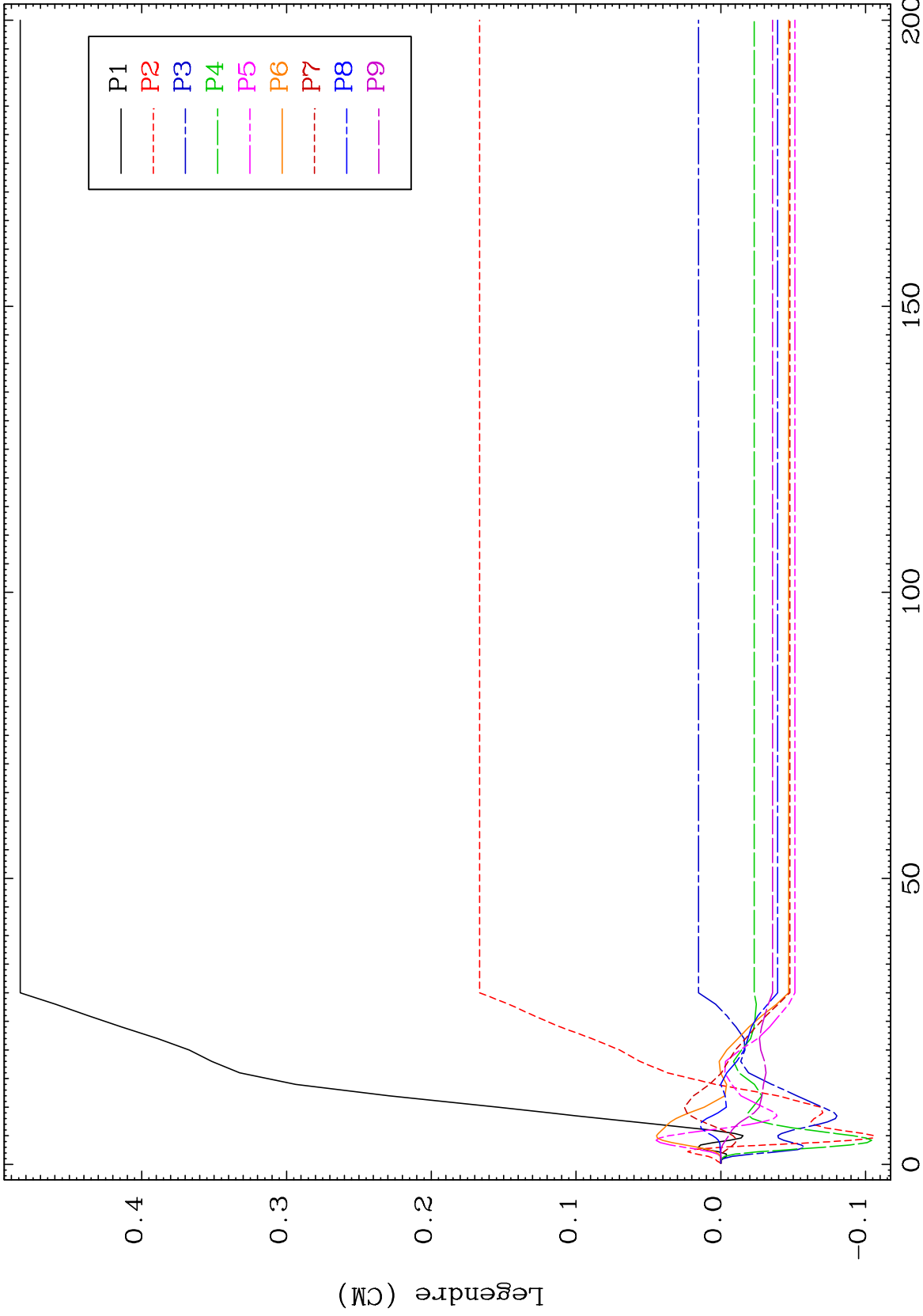
76-Os-169



MAT 7580

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

76-Os-169



24

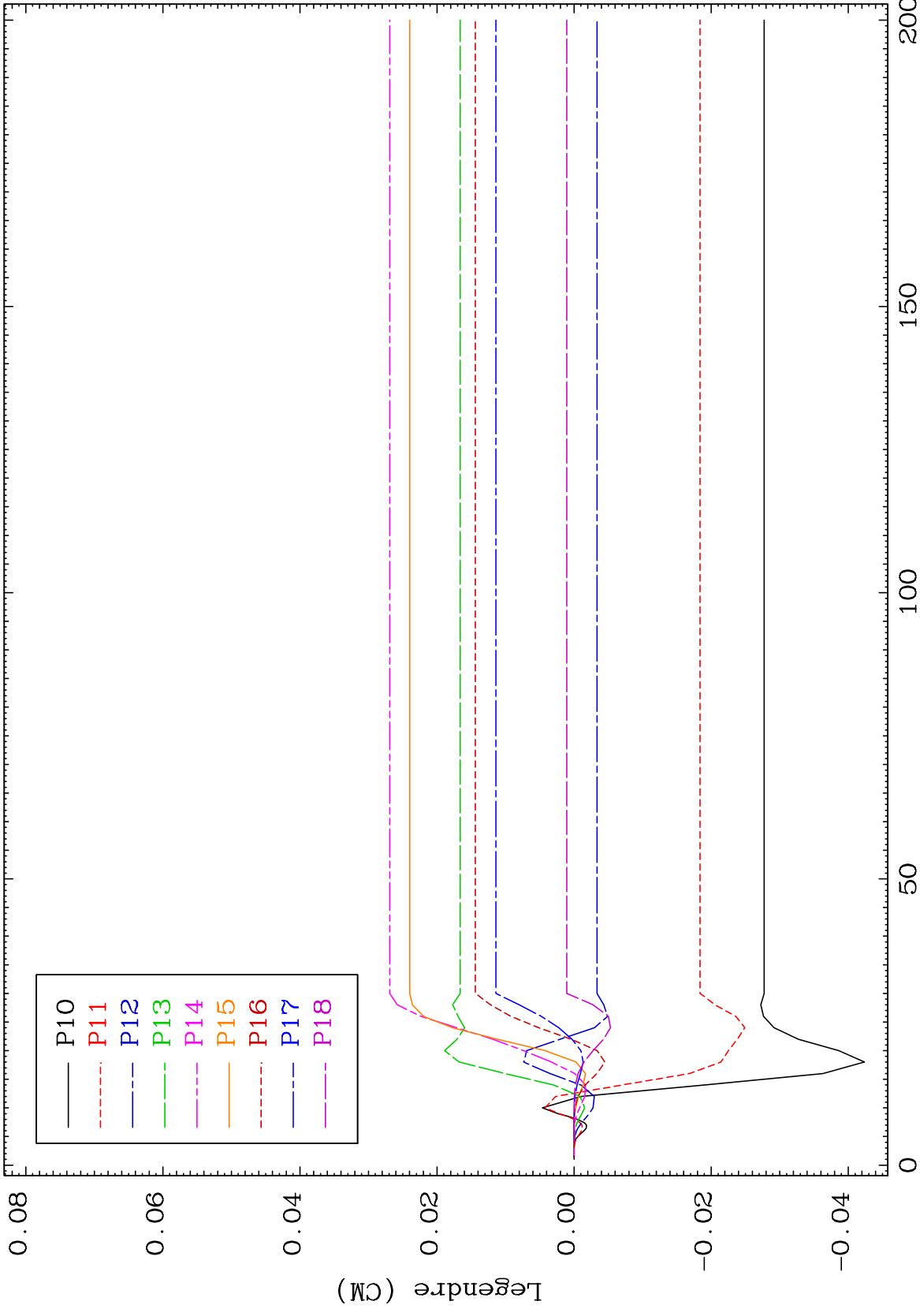
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



25

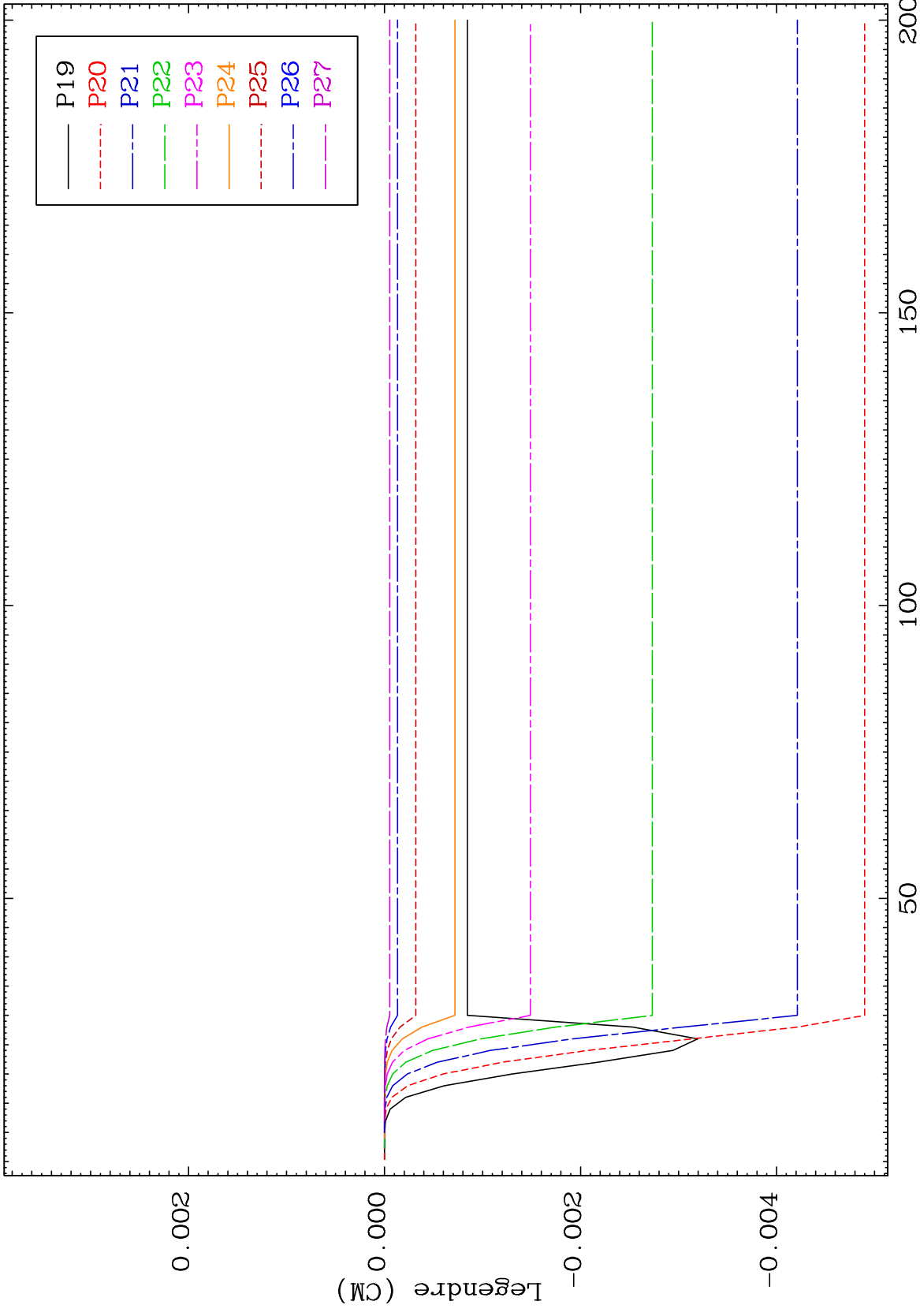
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



26

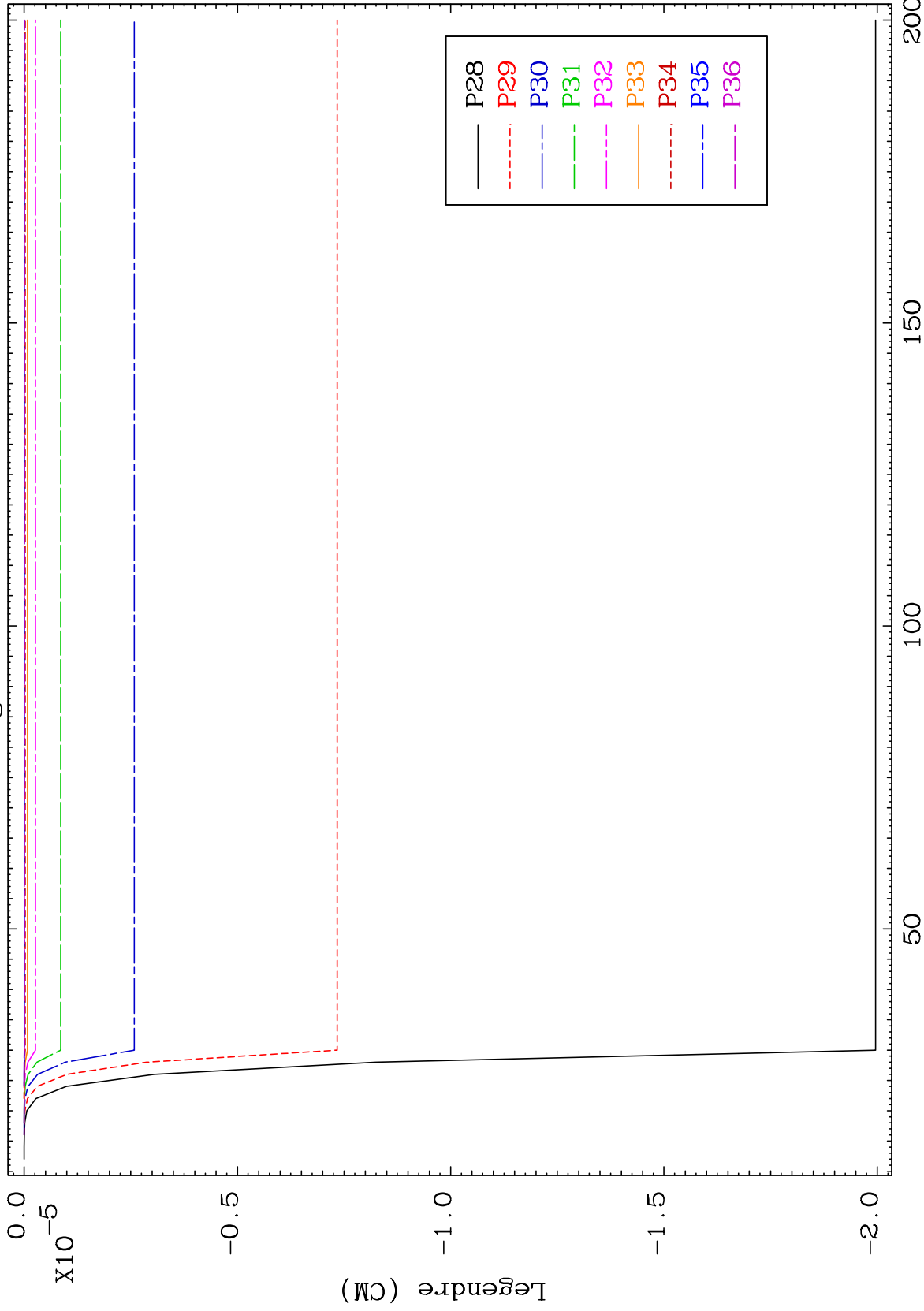
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

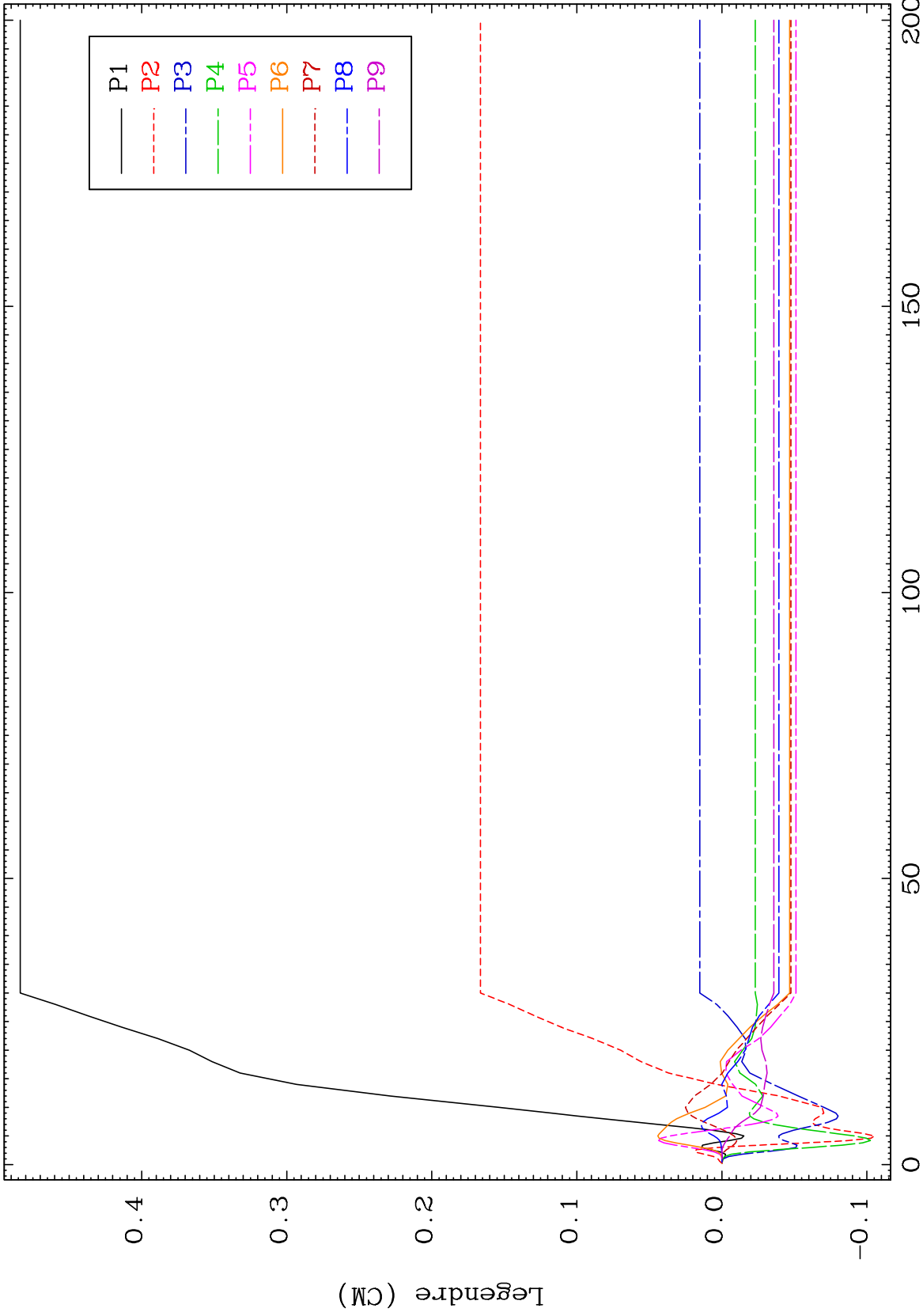
Incident Energy (MeV)

27

MAT 7580

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

76-Os-169



28

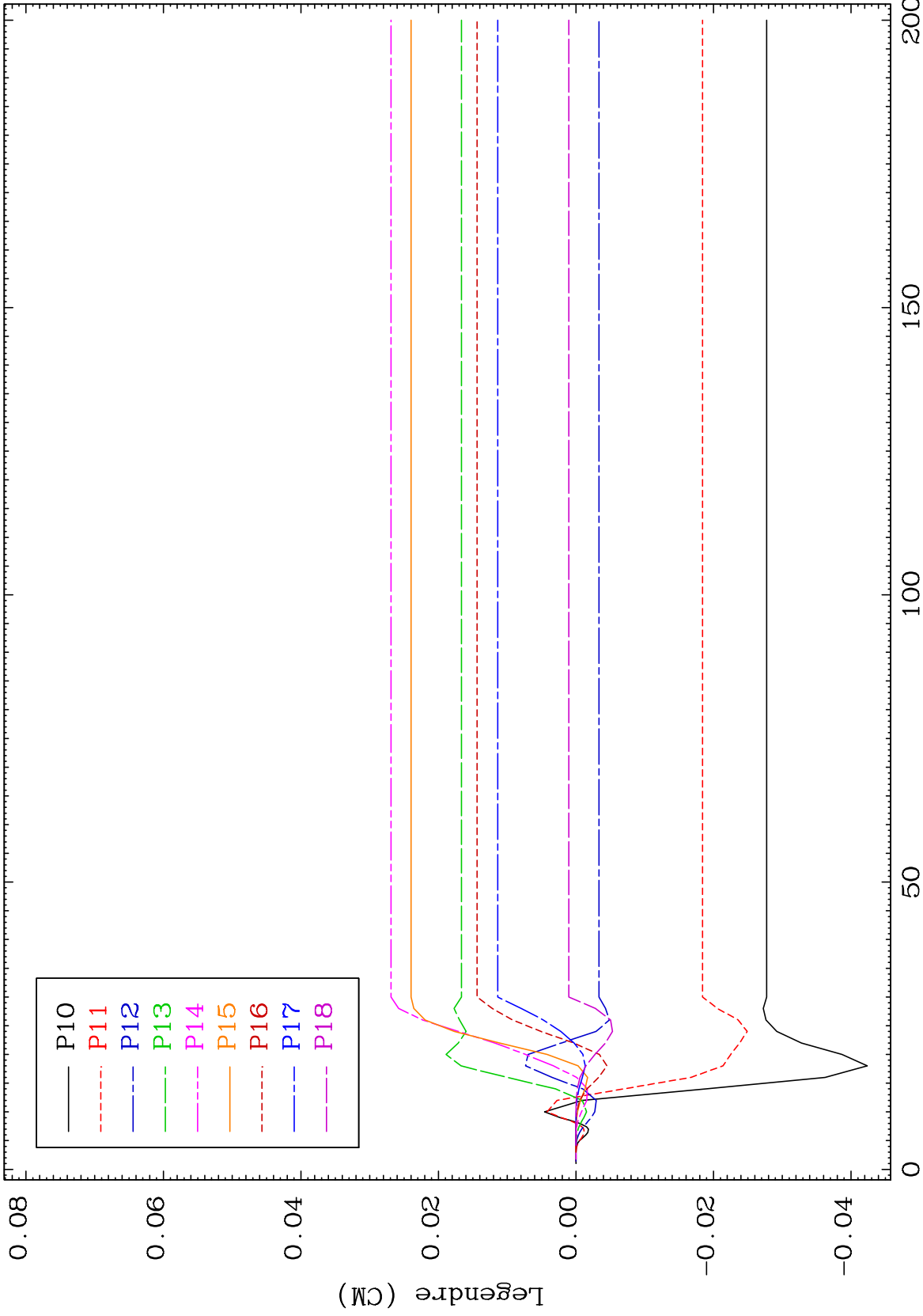
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



29

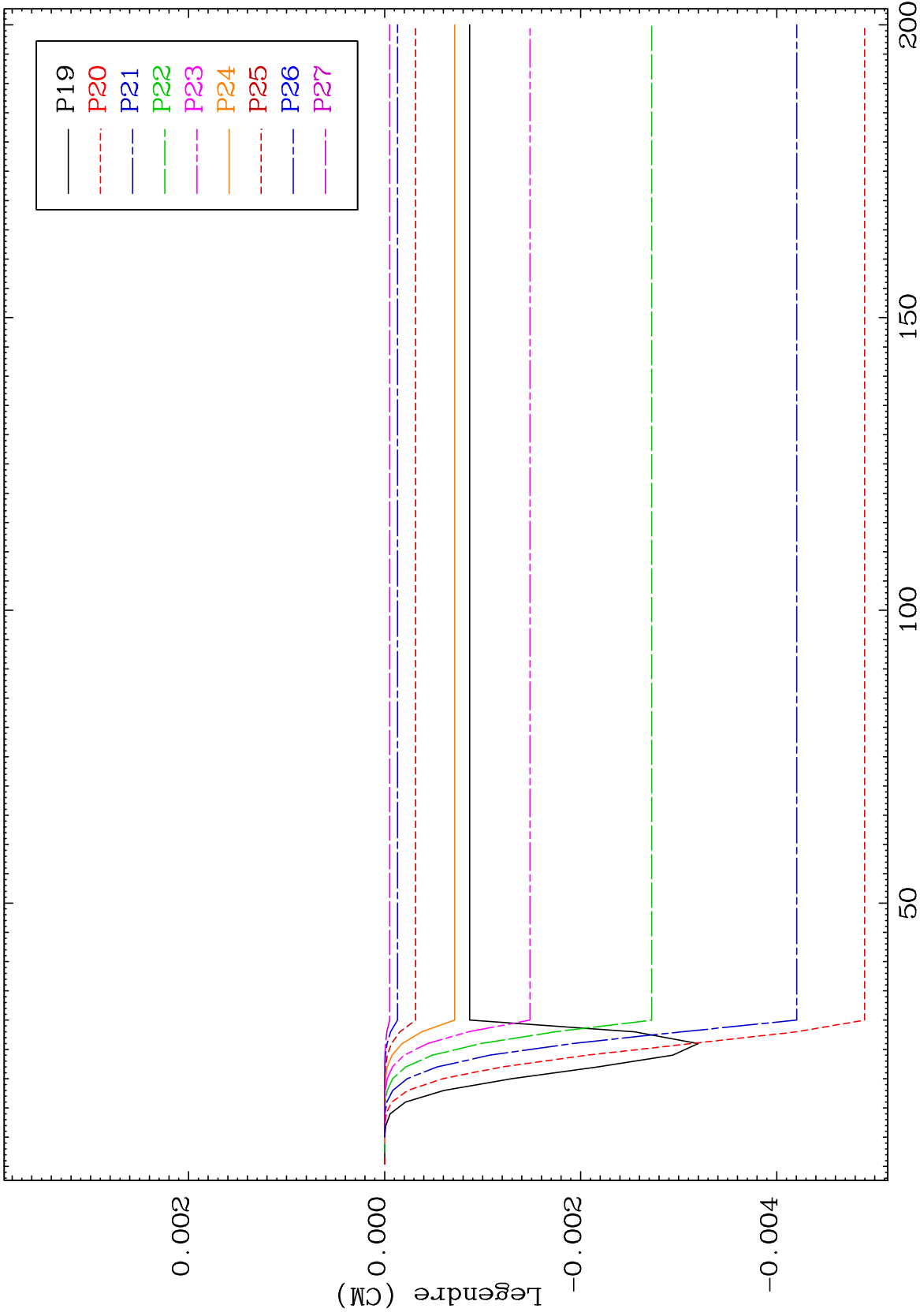
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



30

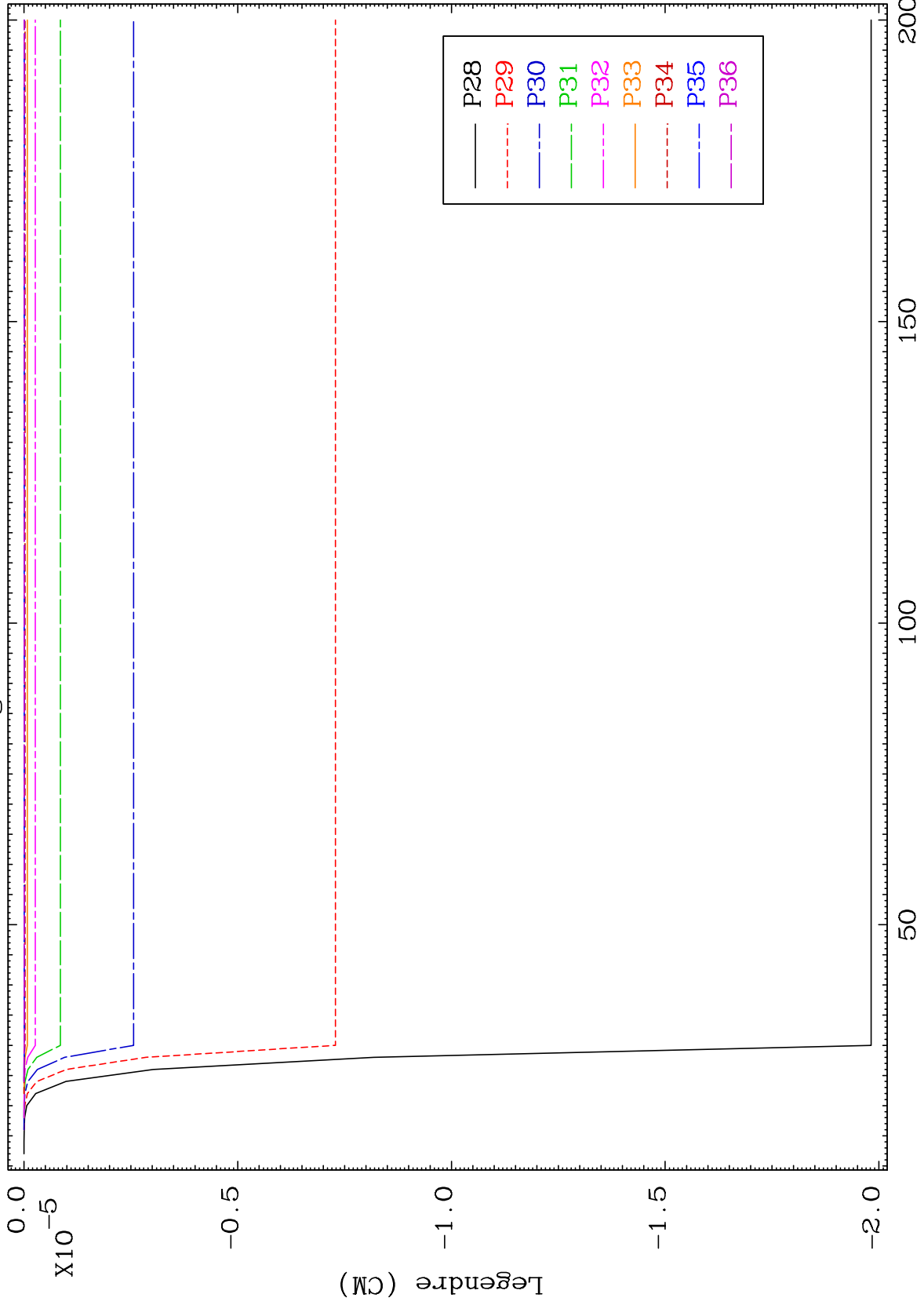
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

Incident Energy (MeV)

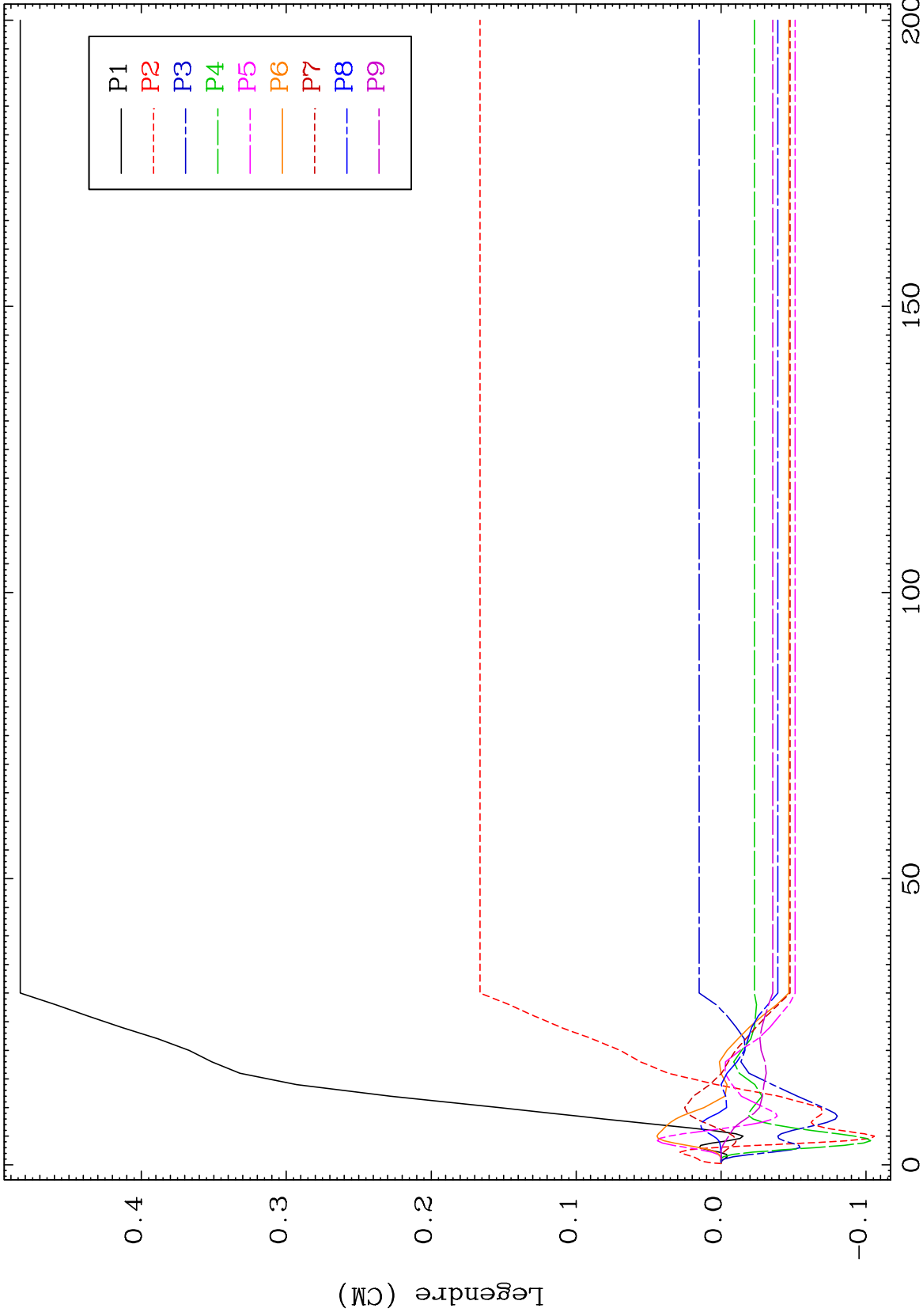
31



MAT 7580

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

76-Os-169



32

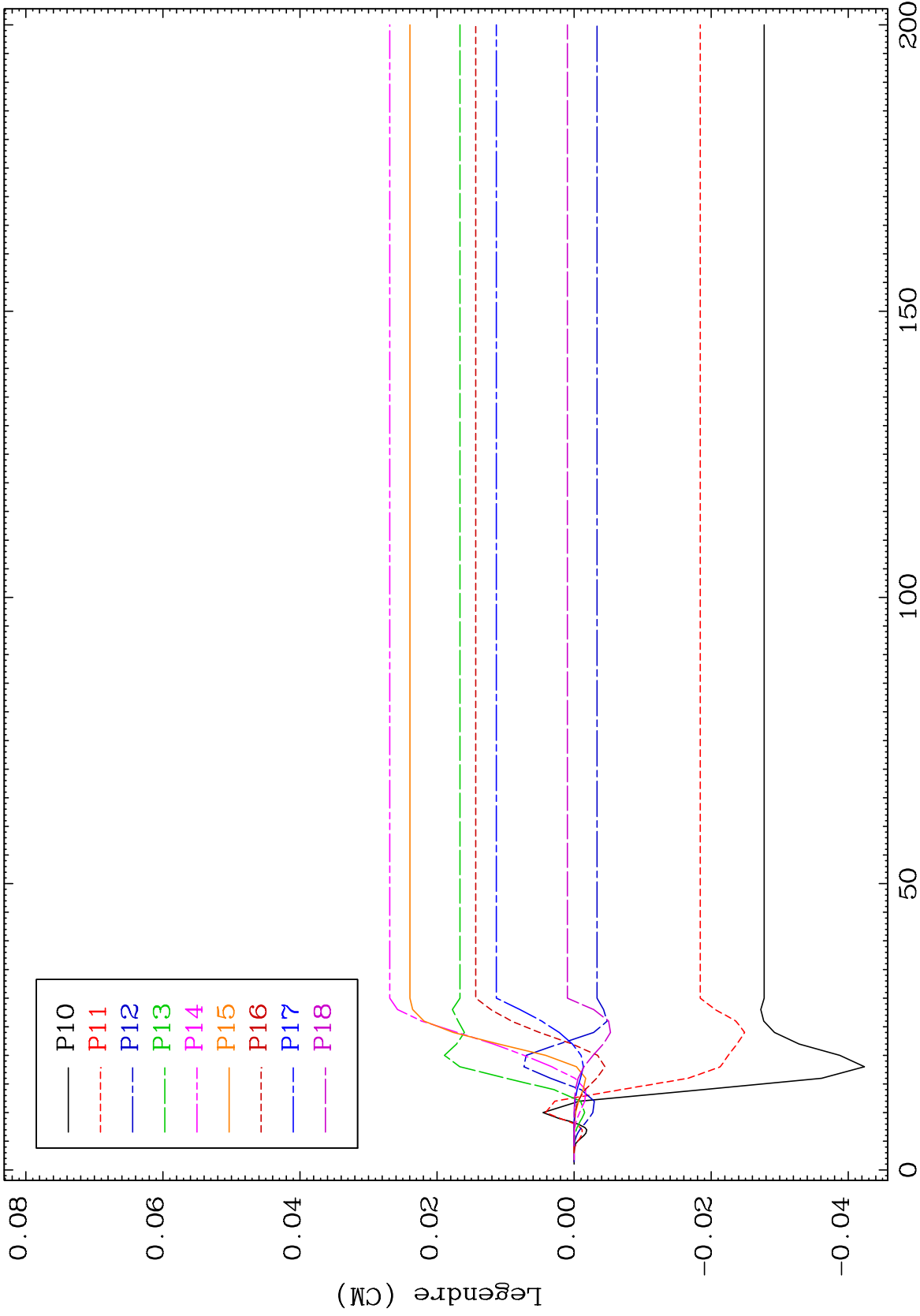
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



33

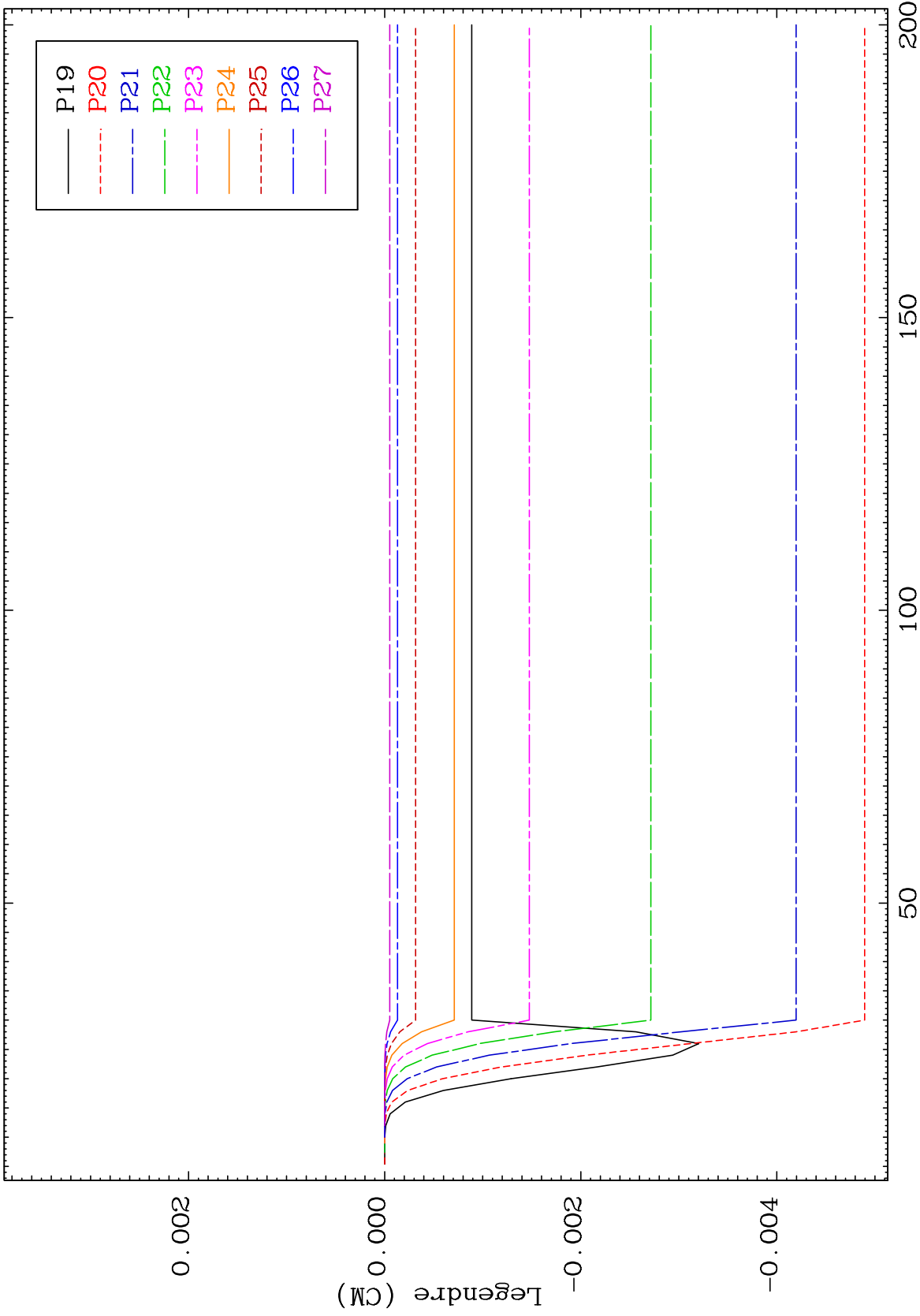
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



34

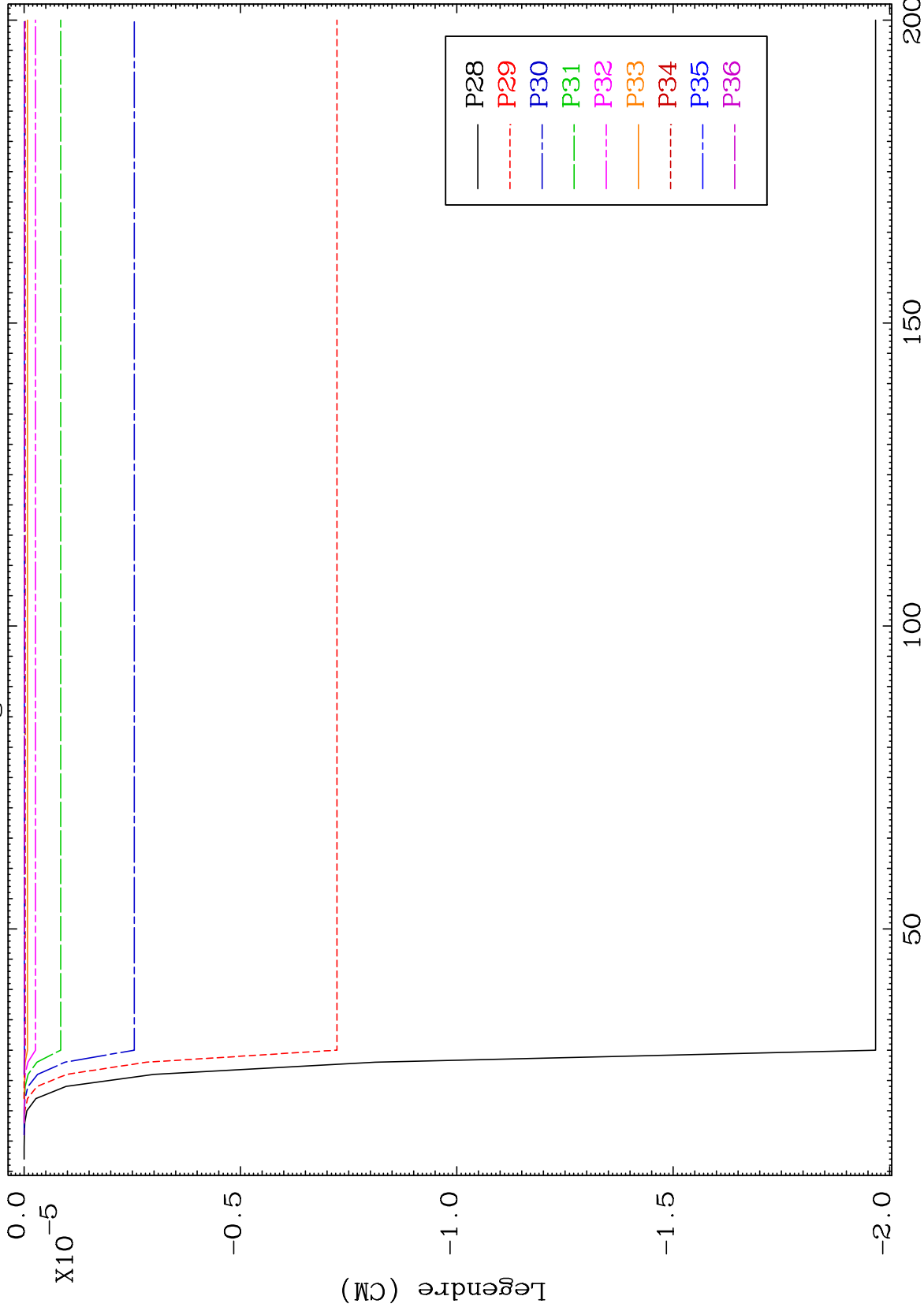
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

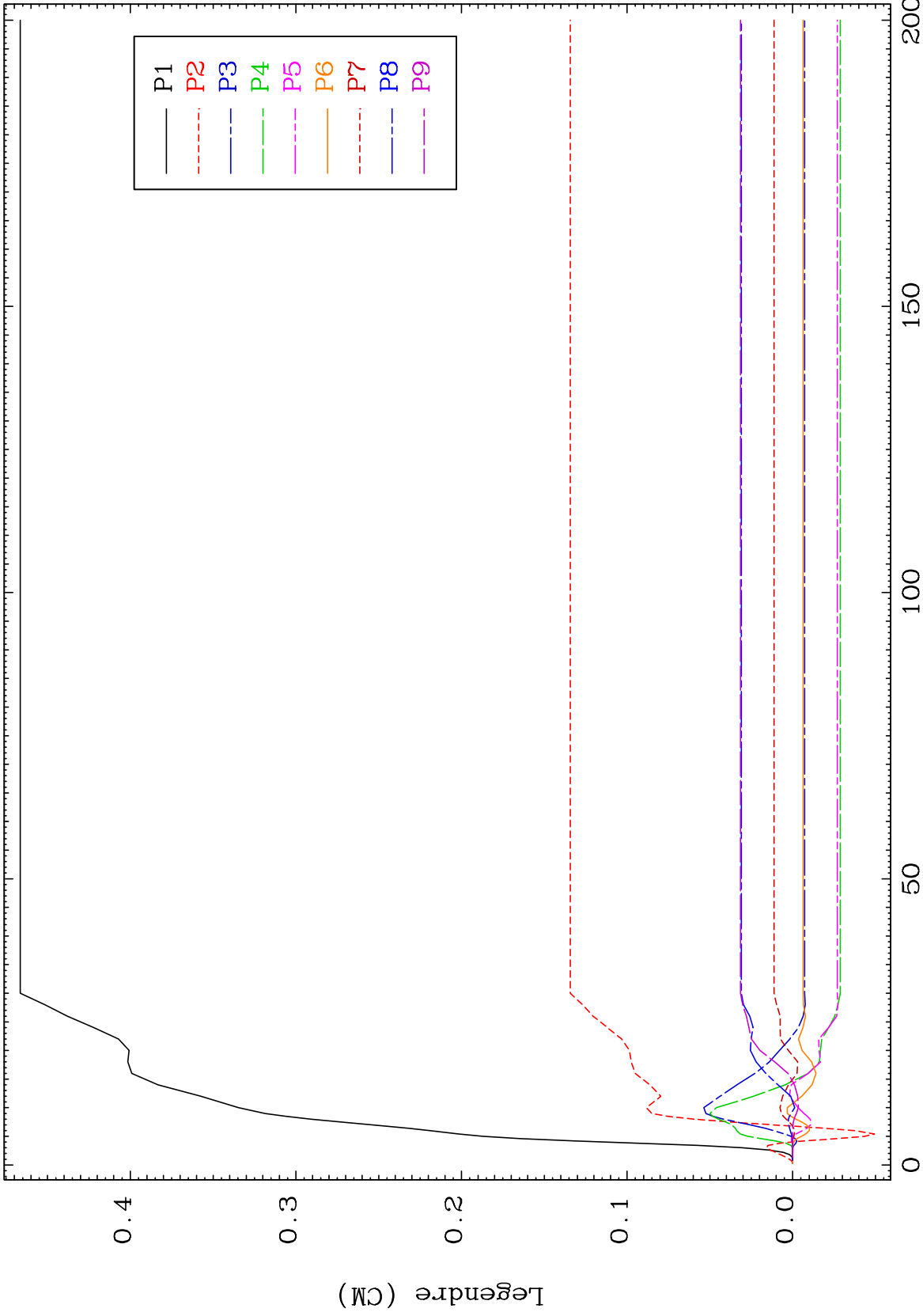
Incident Energy (MeV)

35

MAT 7580

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

76-Os-169



36

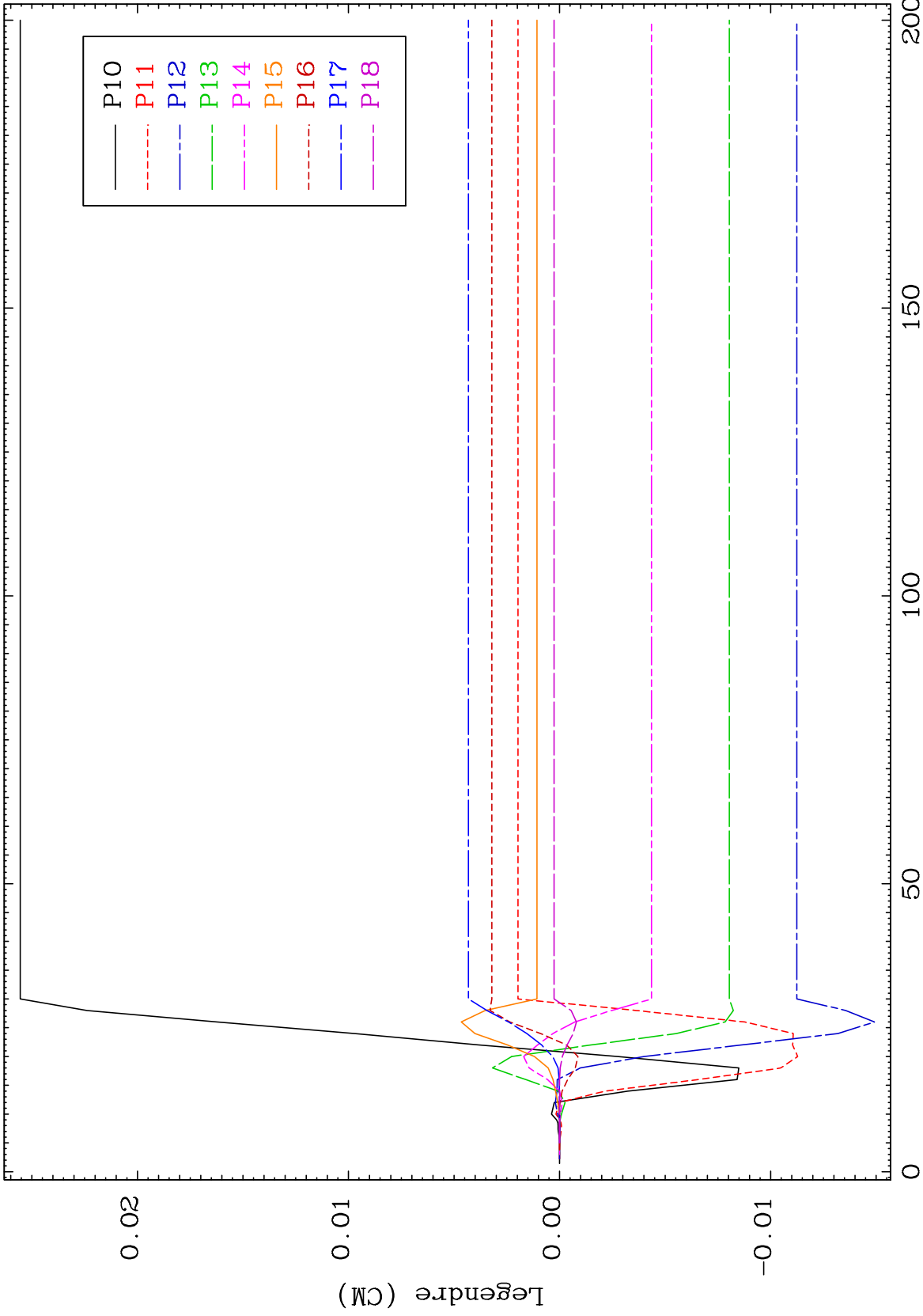
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



37

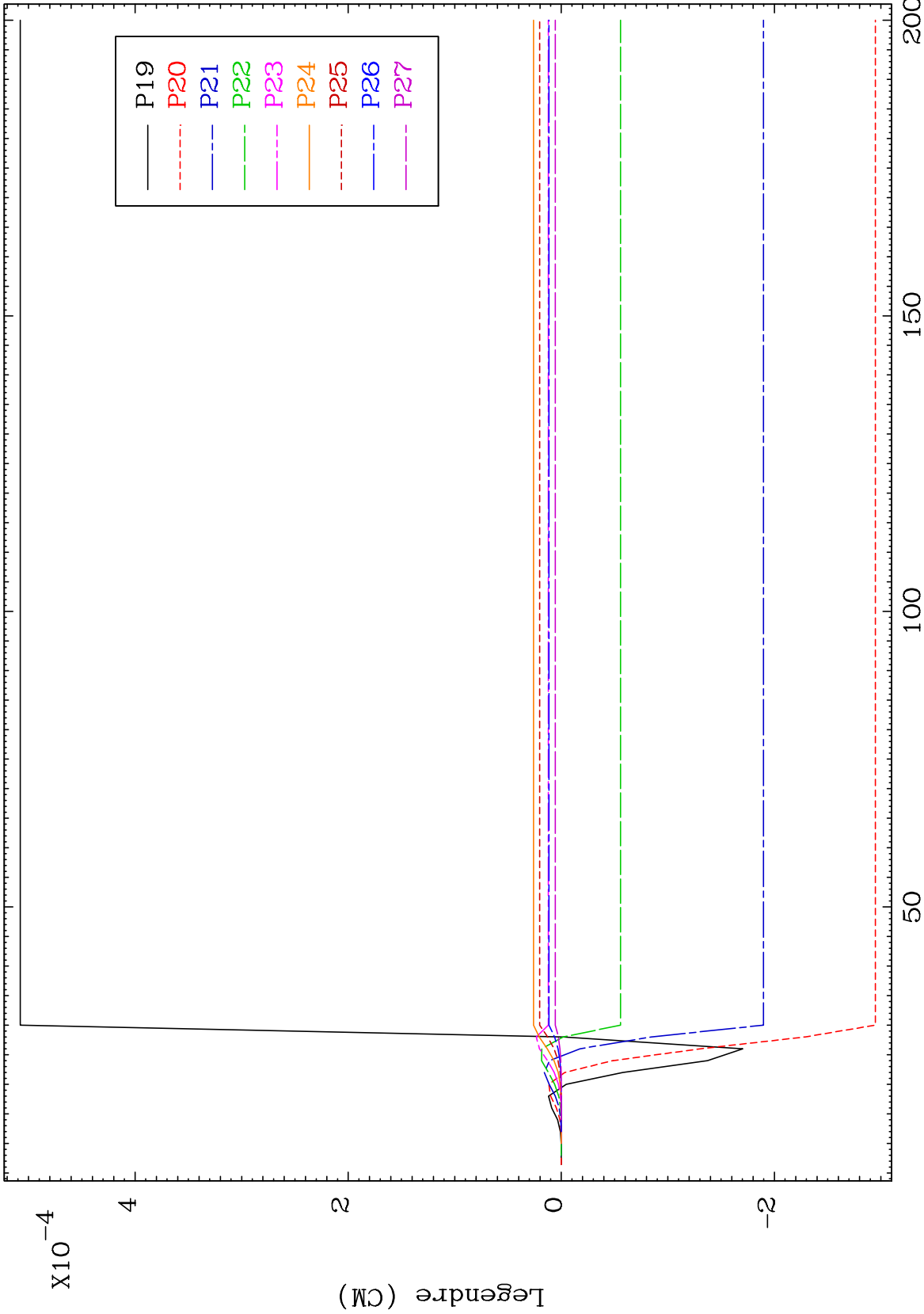
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



38

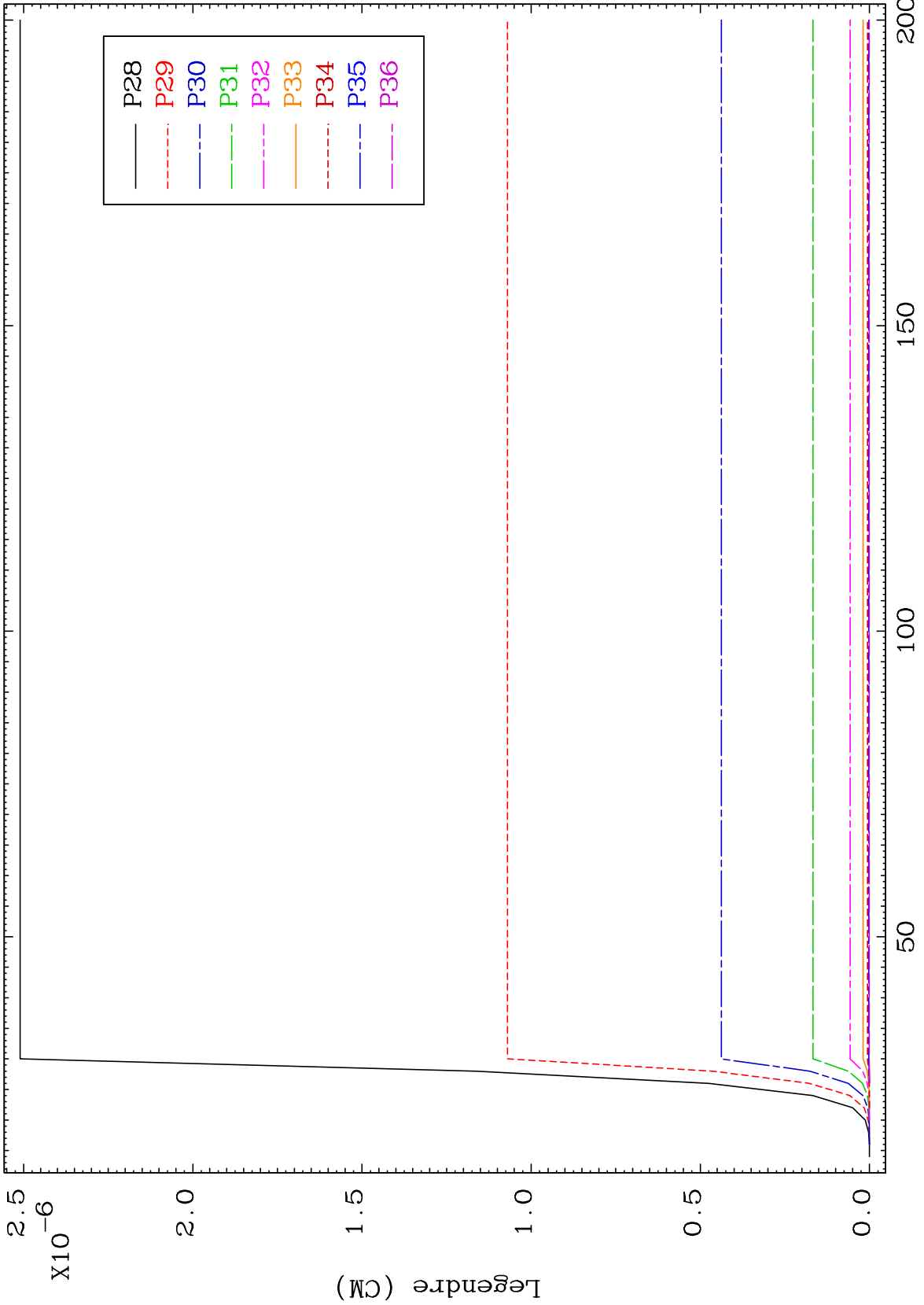
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



39

Incident Energy (MeV)

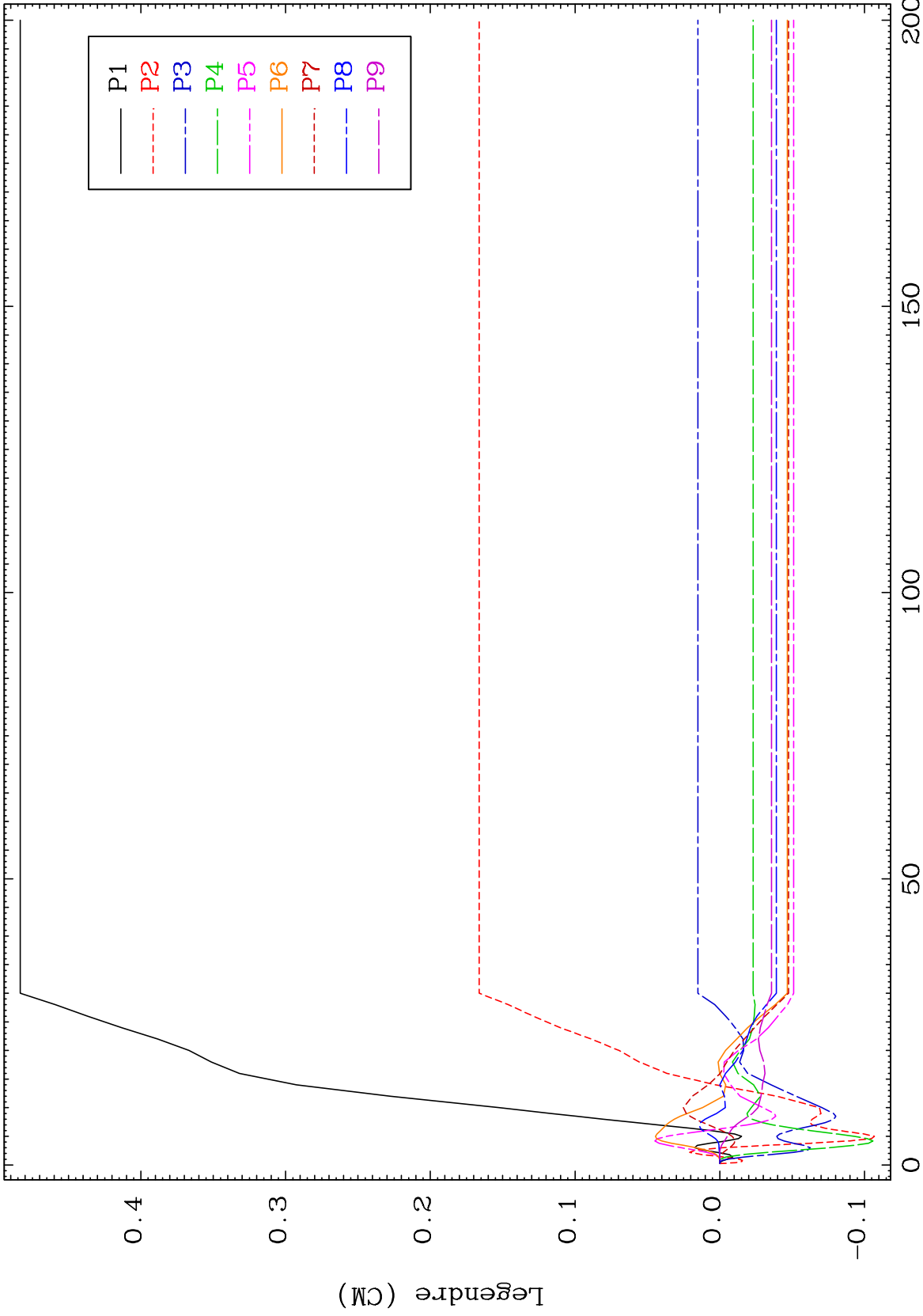
76-Os-169



MAT 7580

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

76-Os-169



76-Os-169

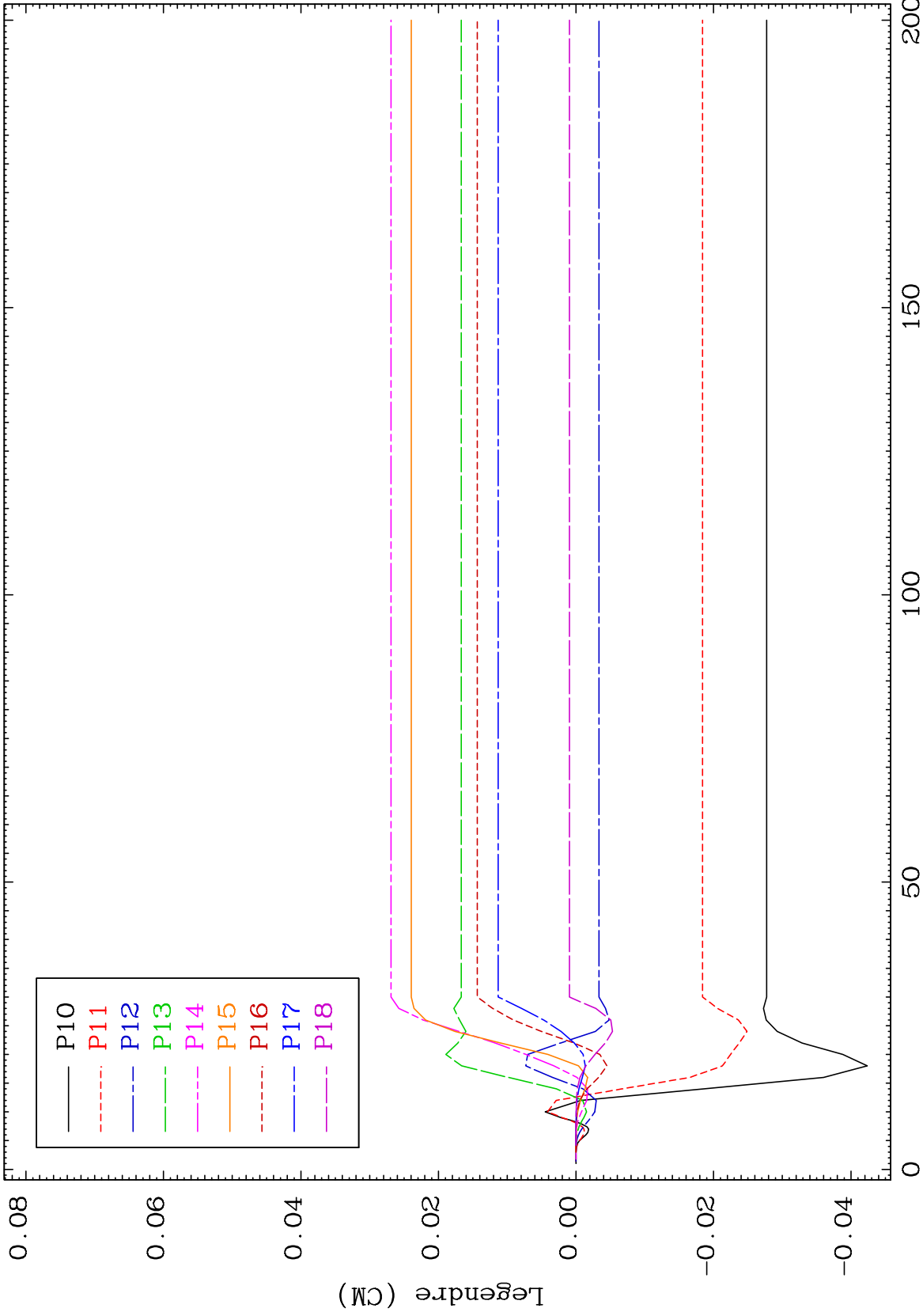
Incident Energy (MeV)

40

MAT 7580

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

76-Os-169



41

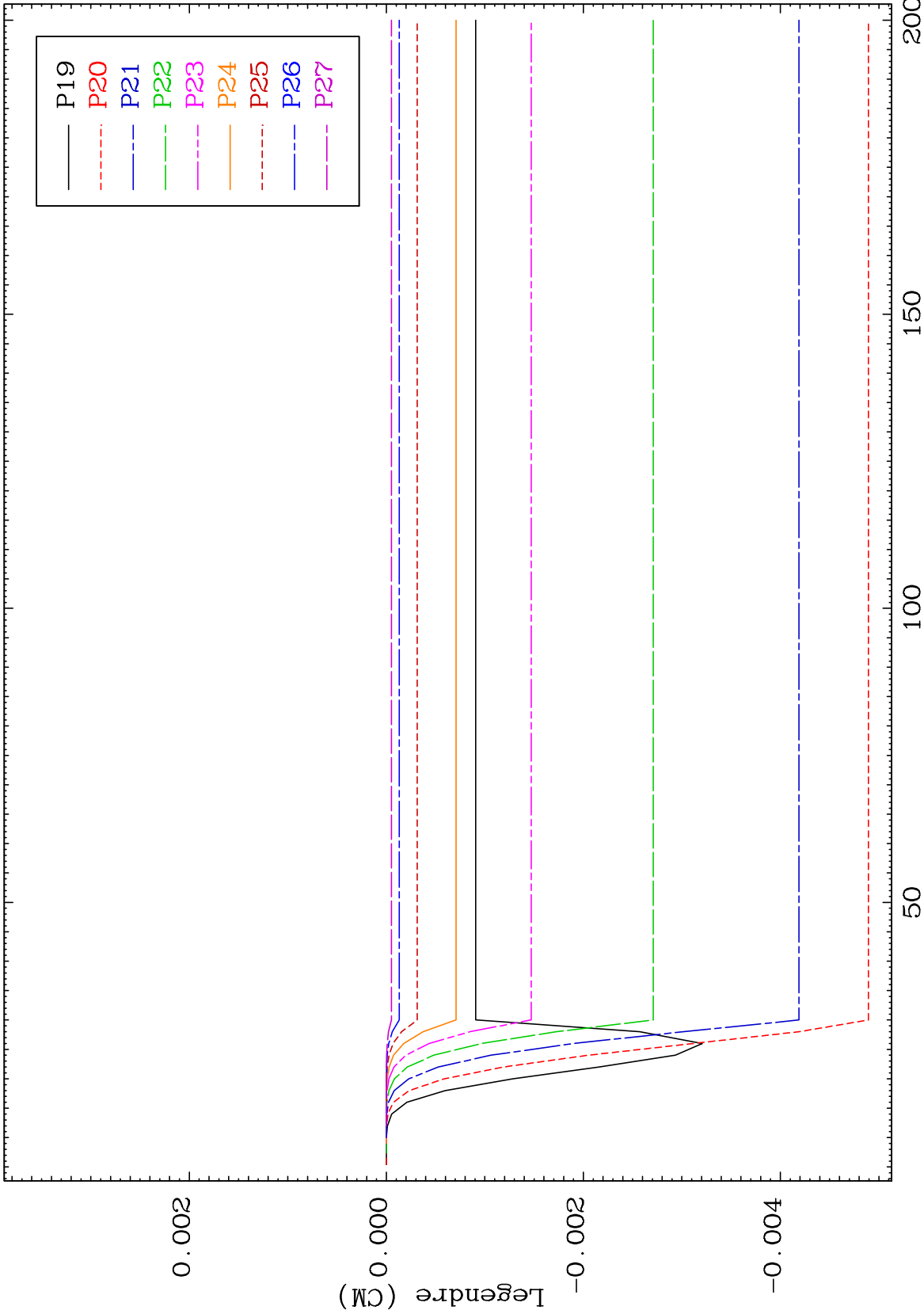
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



42

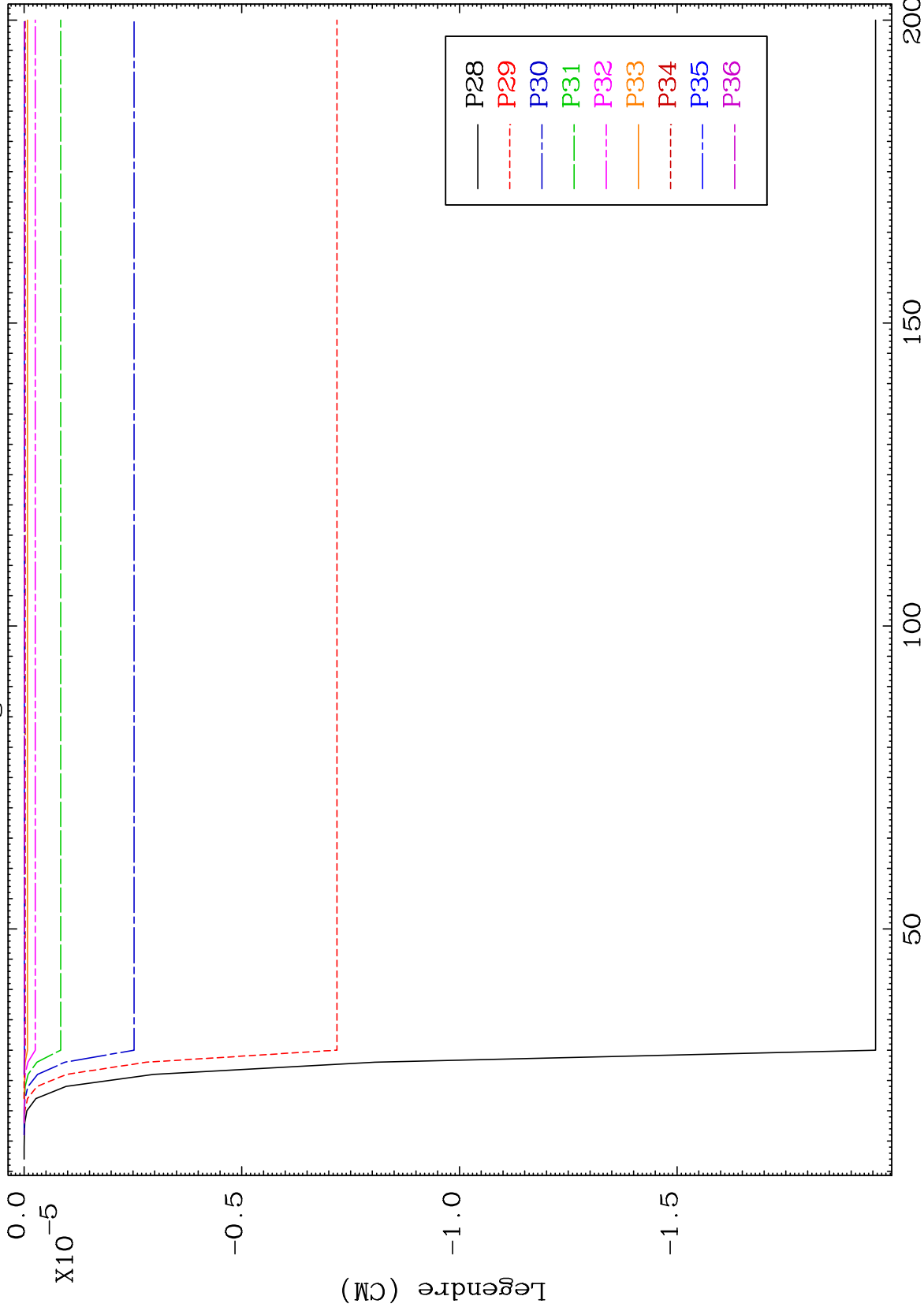
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

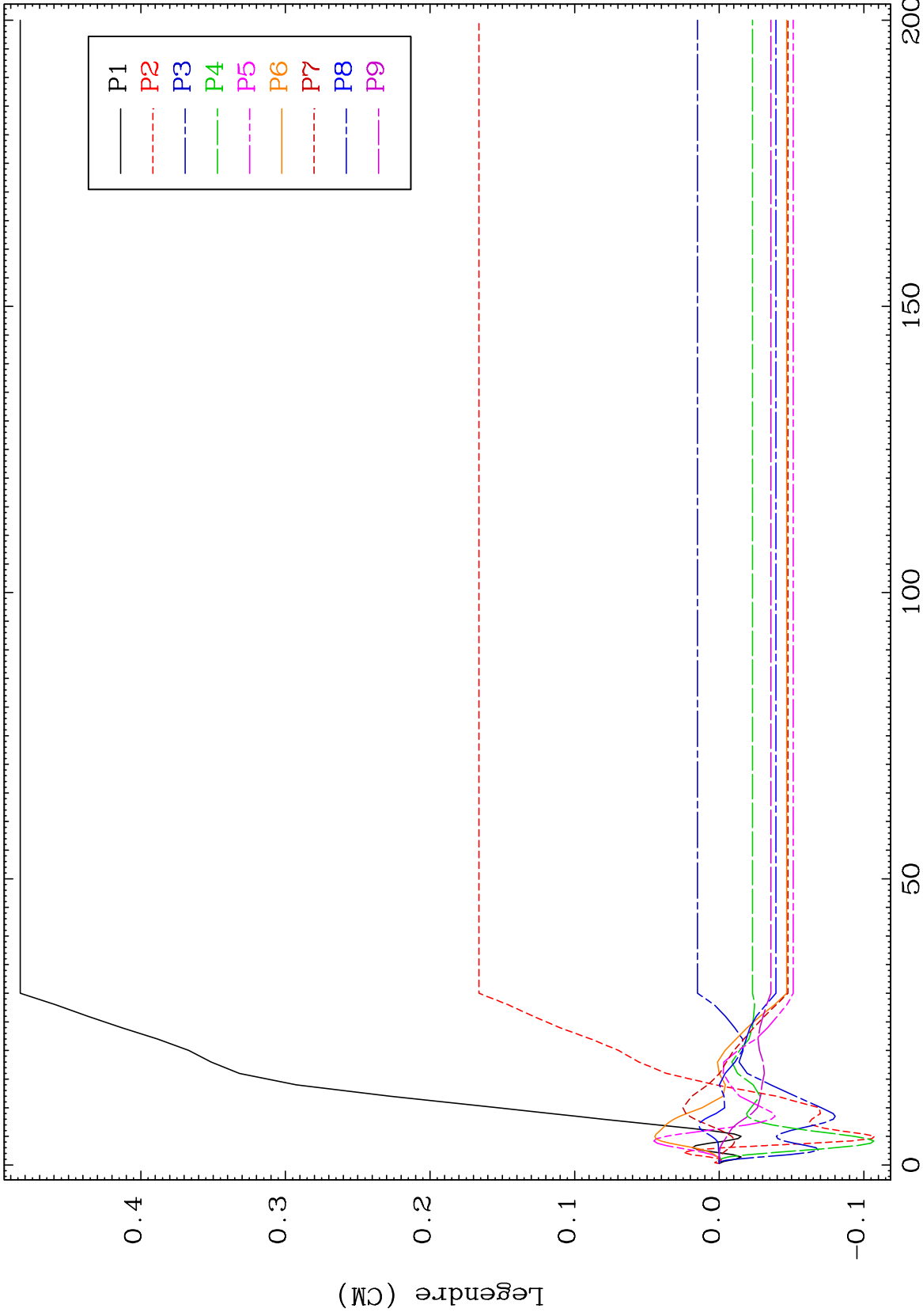
Incident Energy (MeV)

43

MAT 7580

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

76-Os-169



44

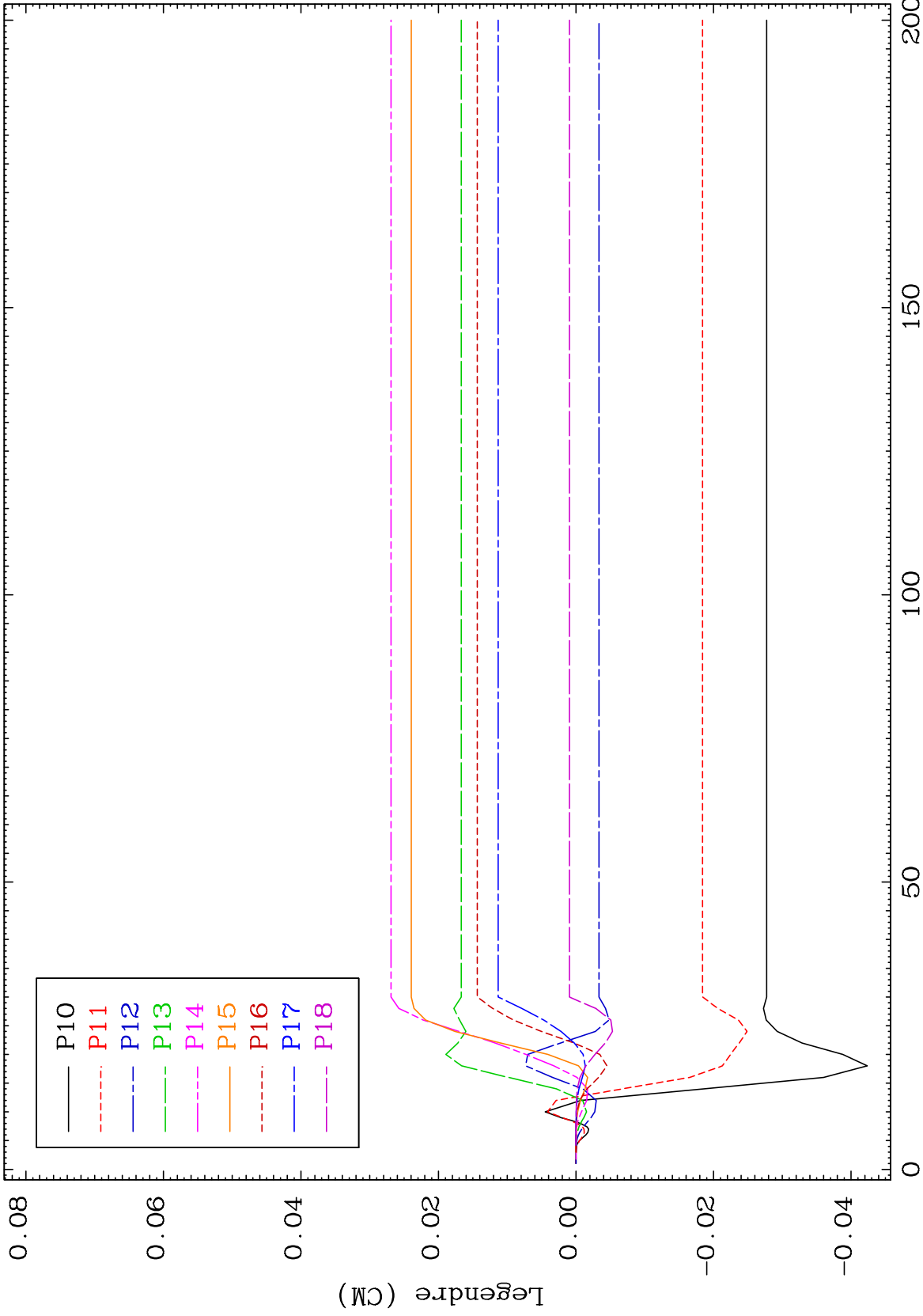
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



45

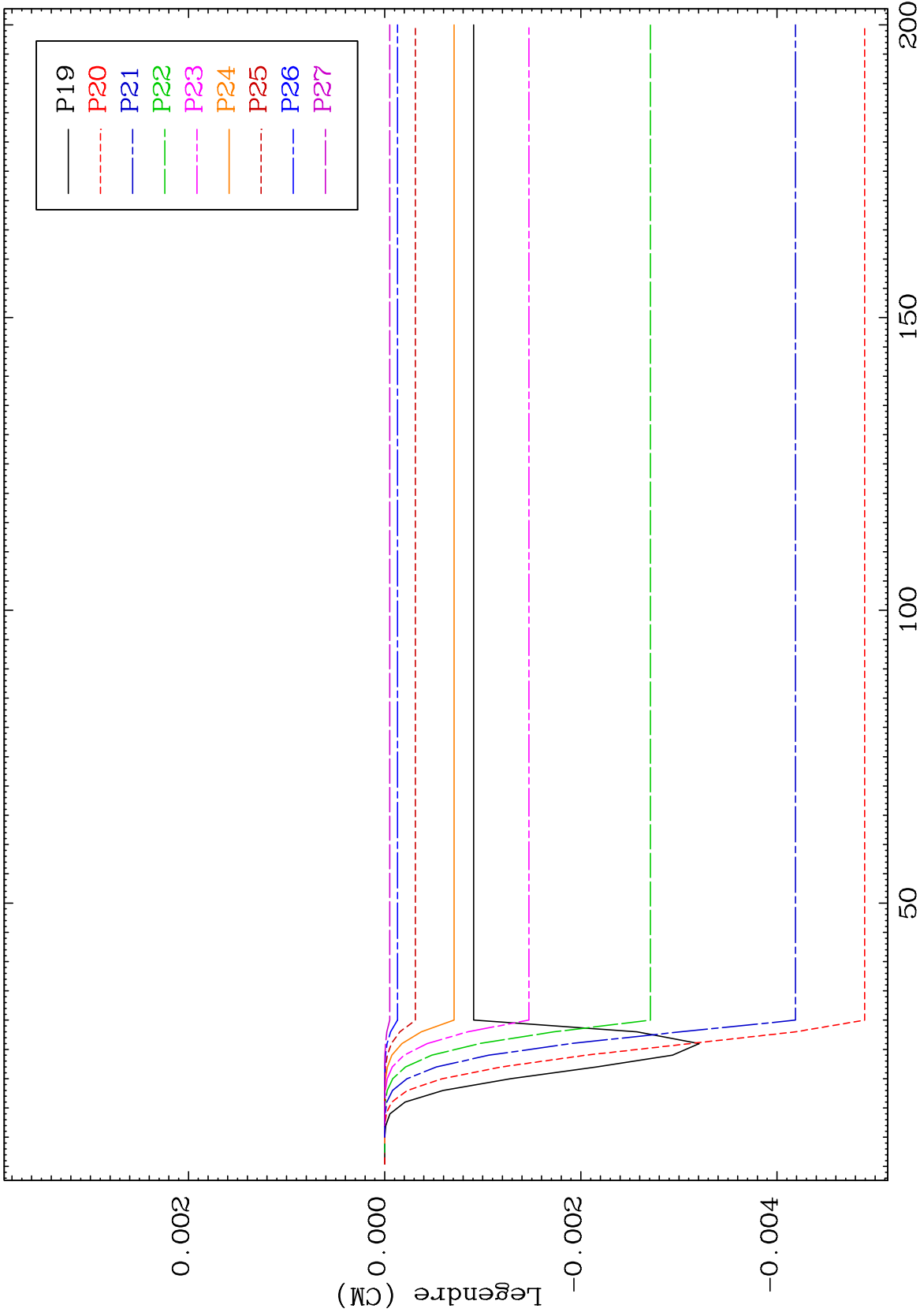
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



46

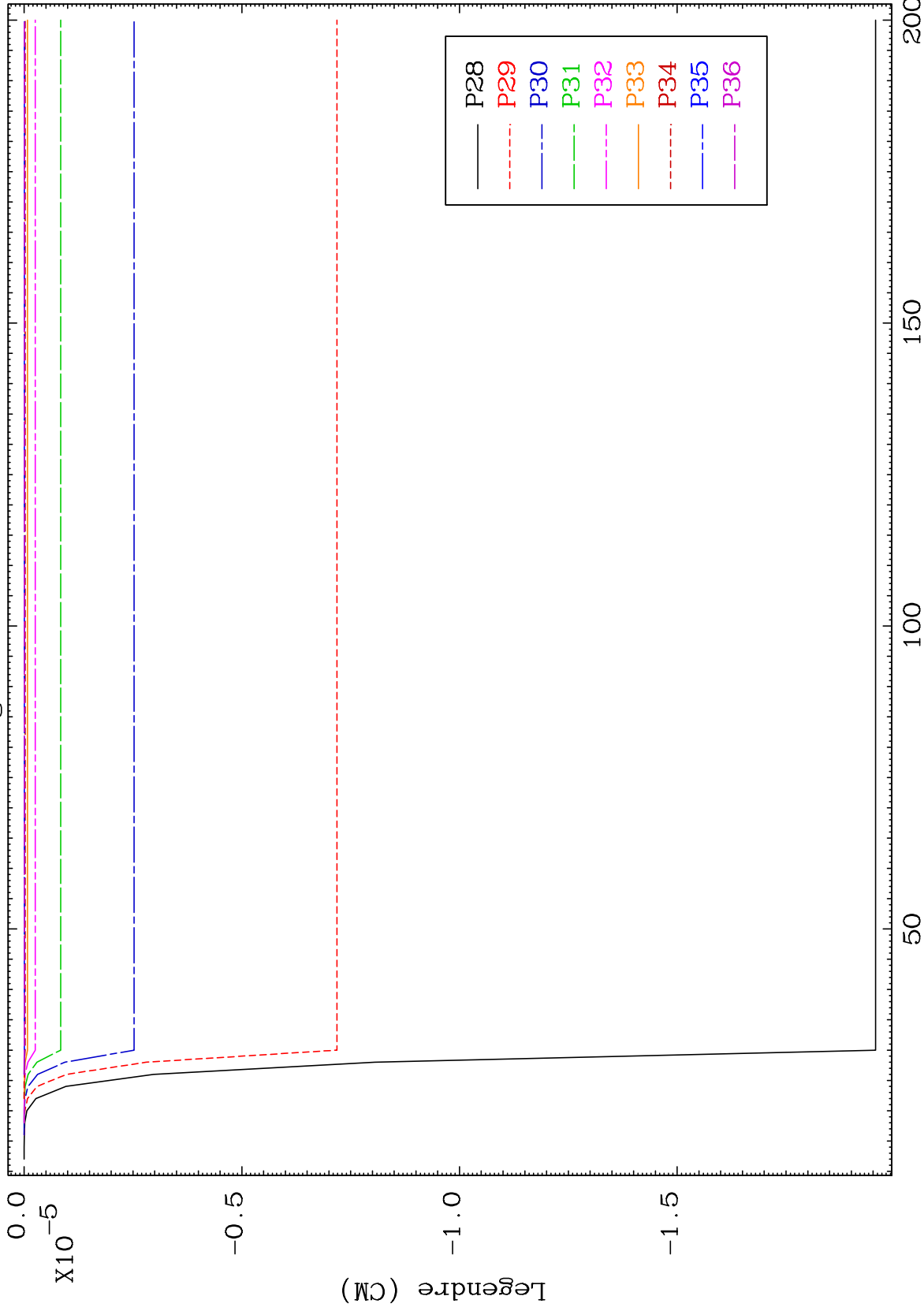
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

Incident Energy (MeV)

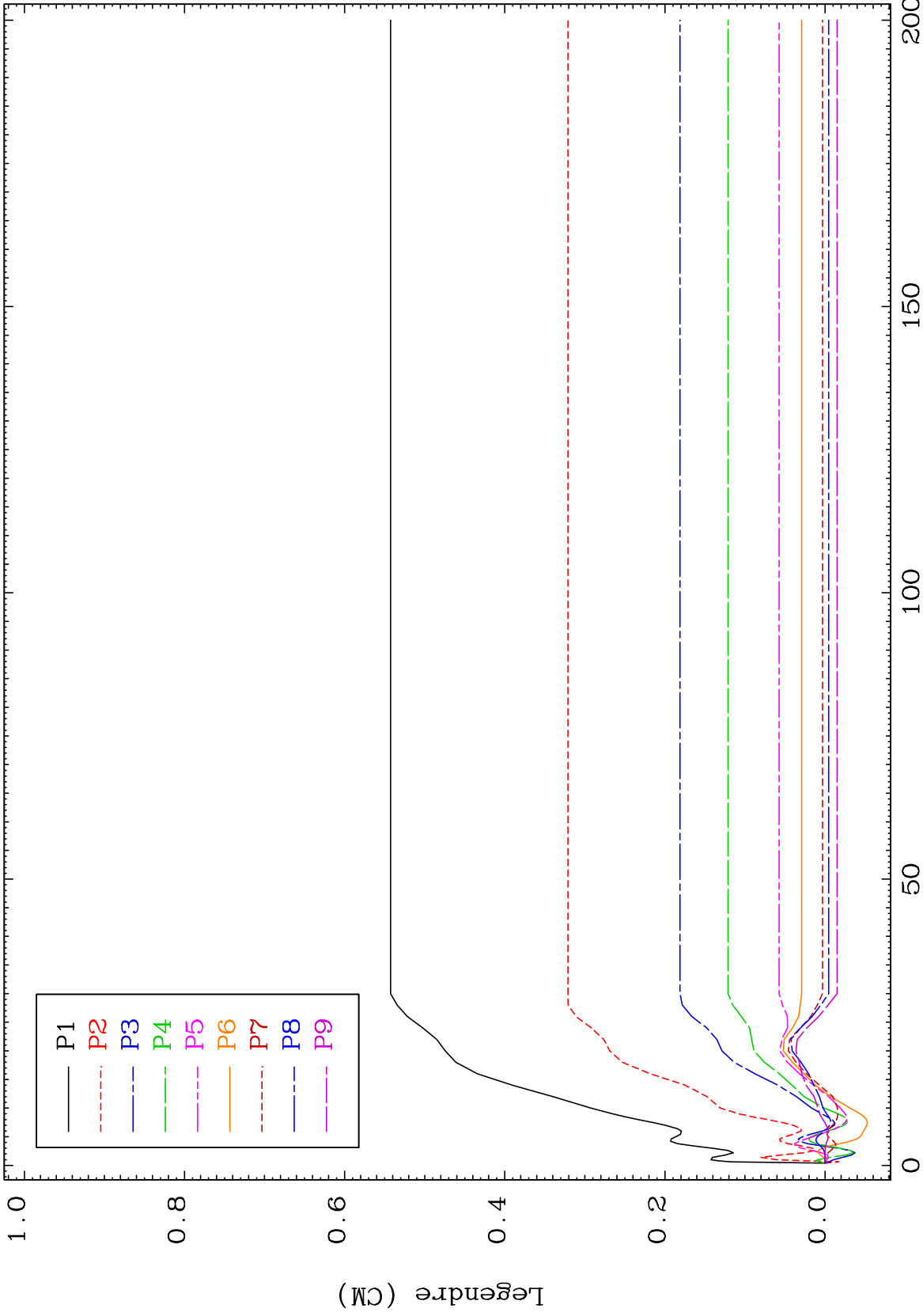
47



MAT 7580

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

76-Os-169

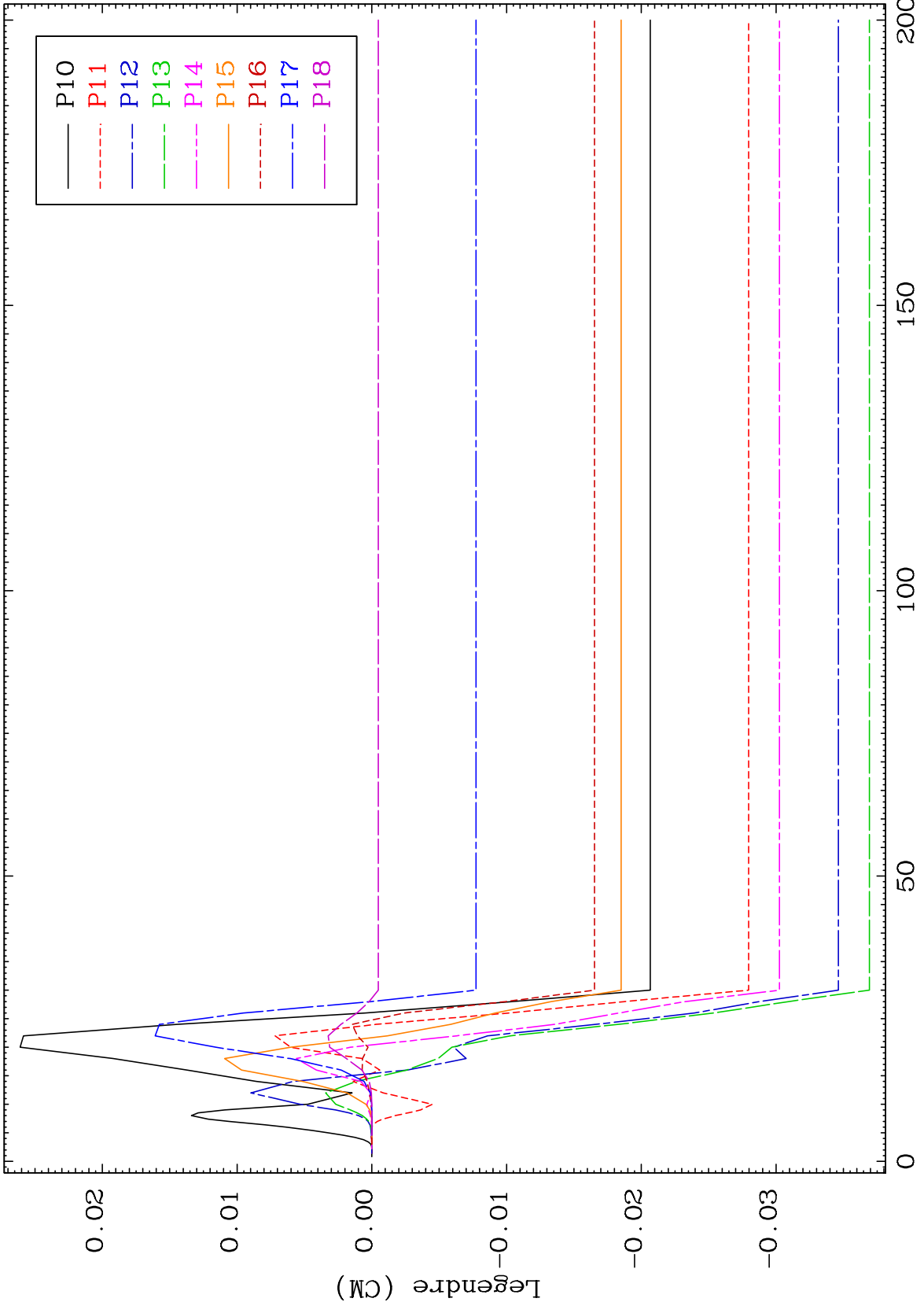


48

Incident Energy (MeV)

76-Os-169

MAT 7580 MT= 58 (n,n') Level Legendre Coefficients 76-Os-169

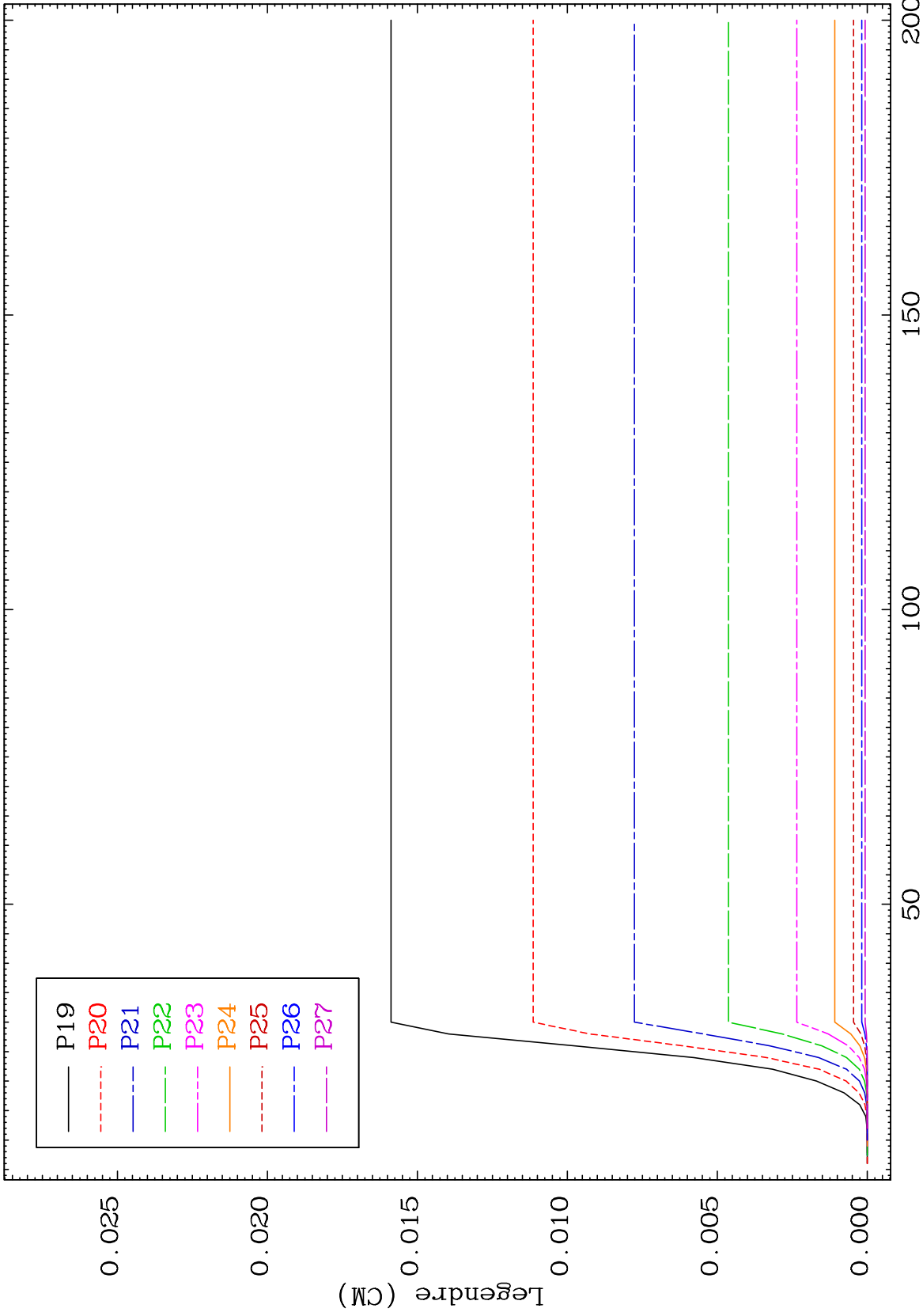


49 76-Os-169

MAT 7580

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

76-Os-169



50

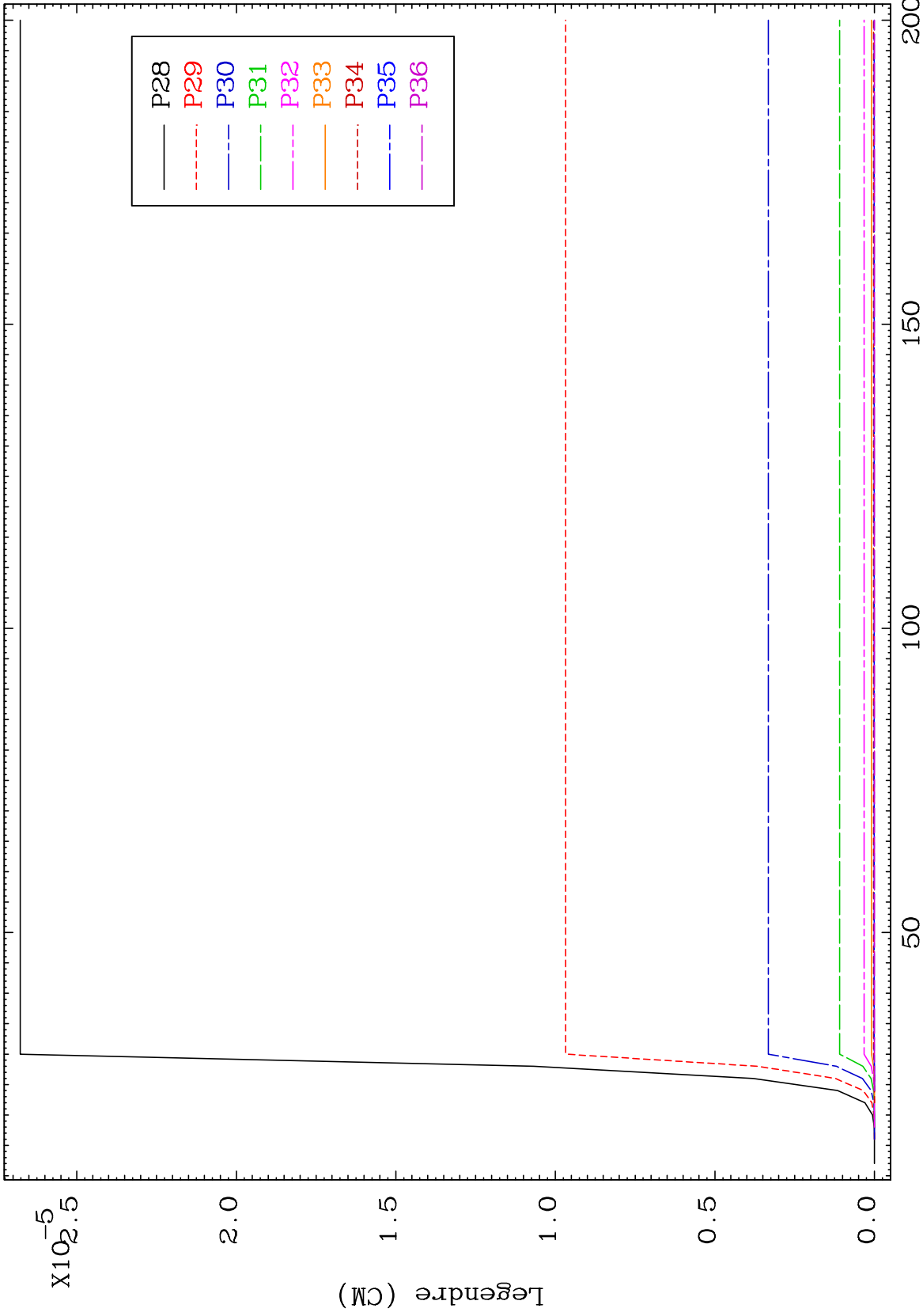
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



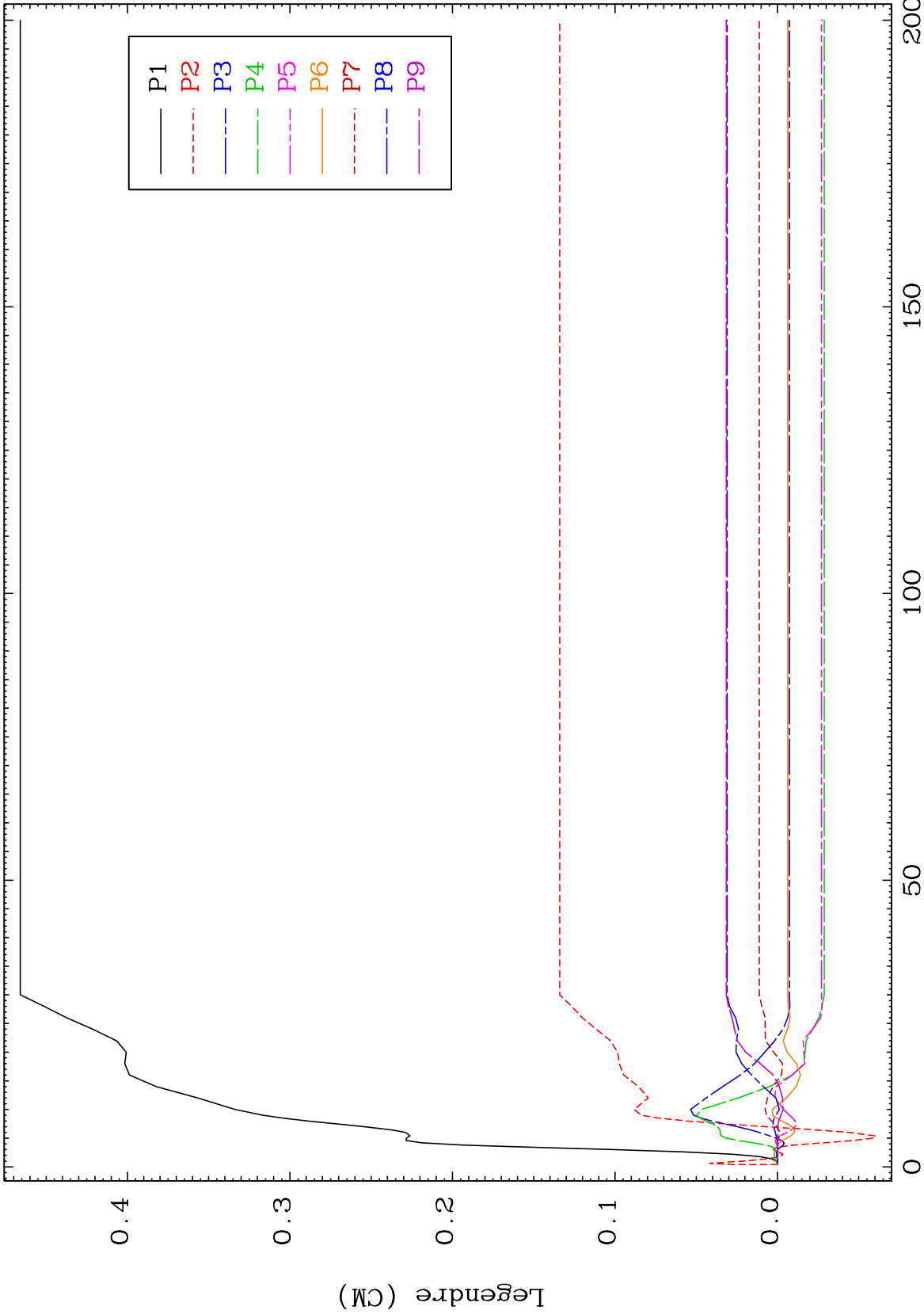
51

76-Os-169

MAT 7580

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

76-Os-169



52

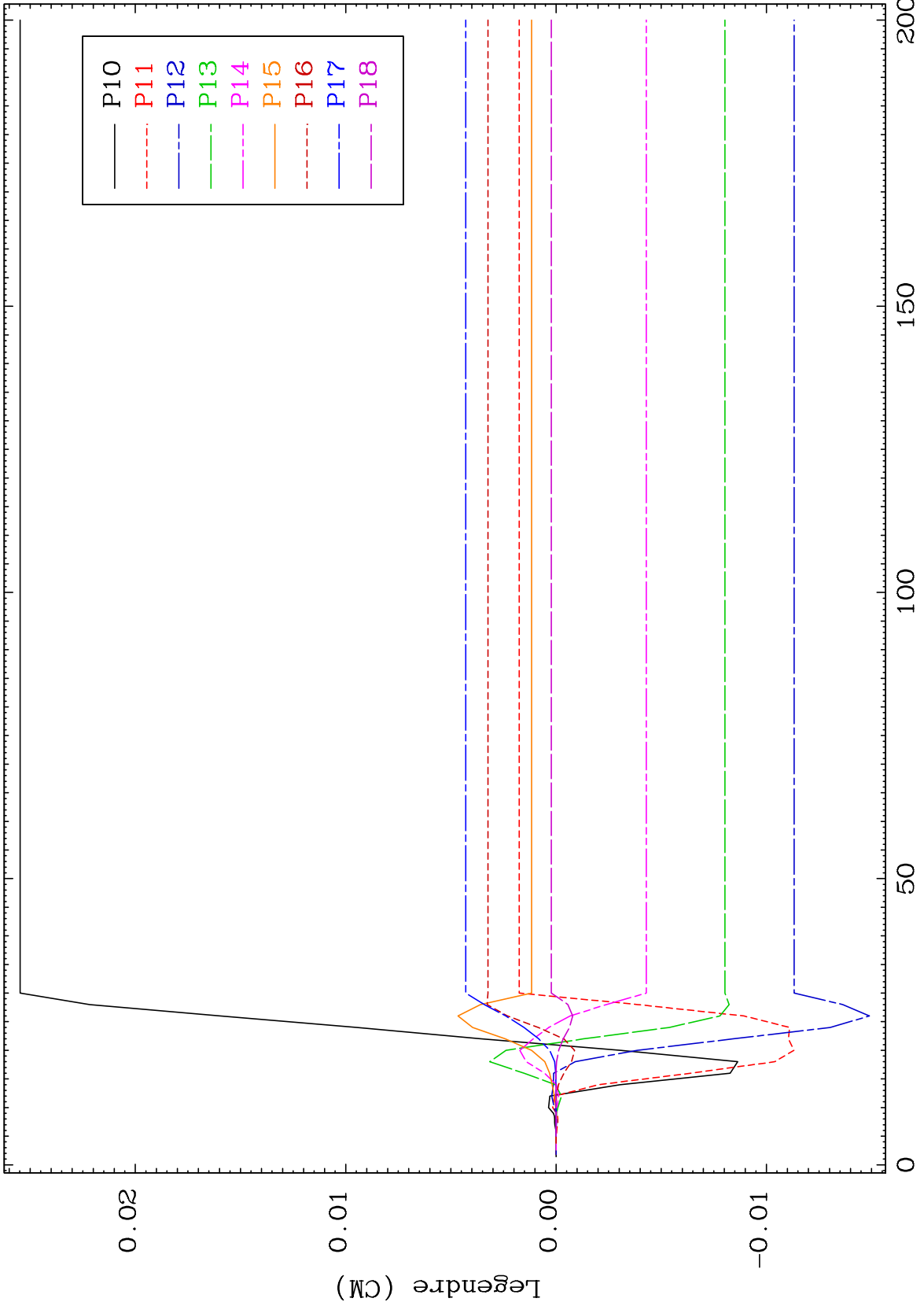
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



53

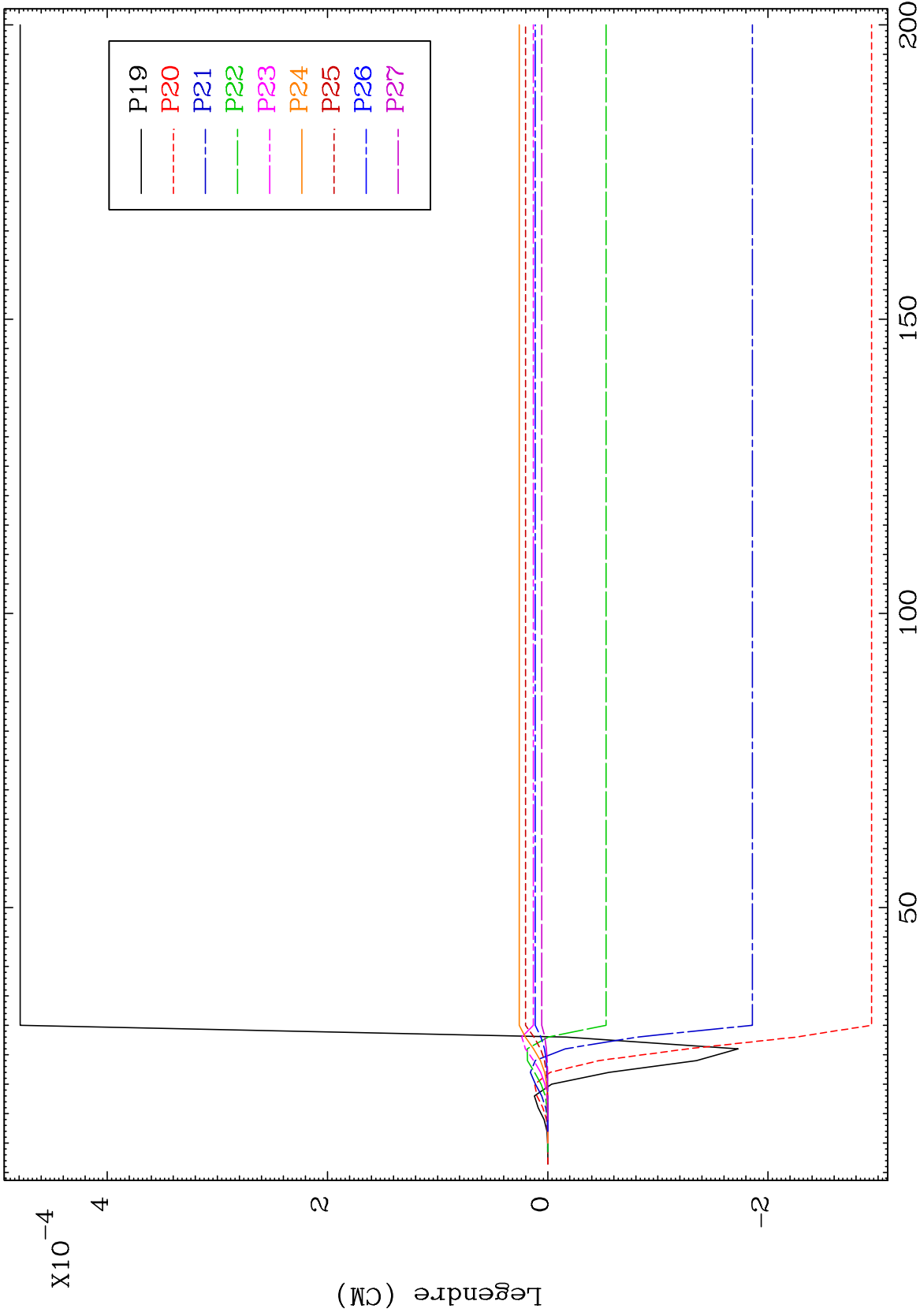
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



54

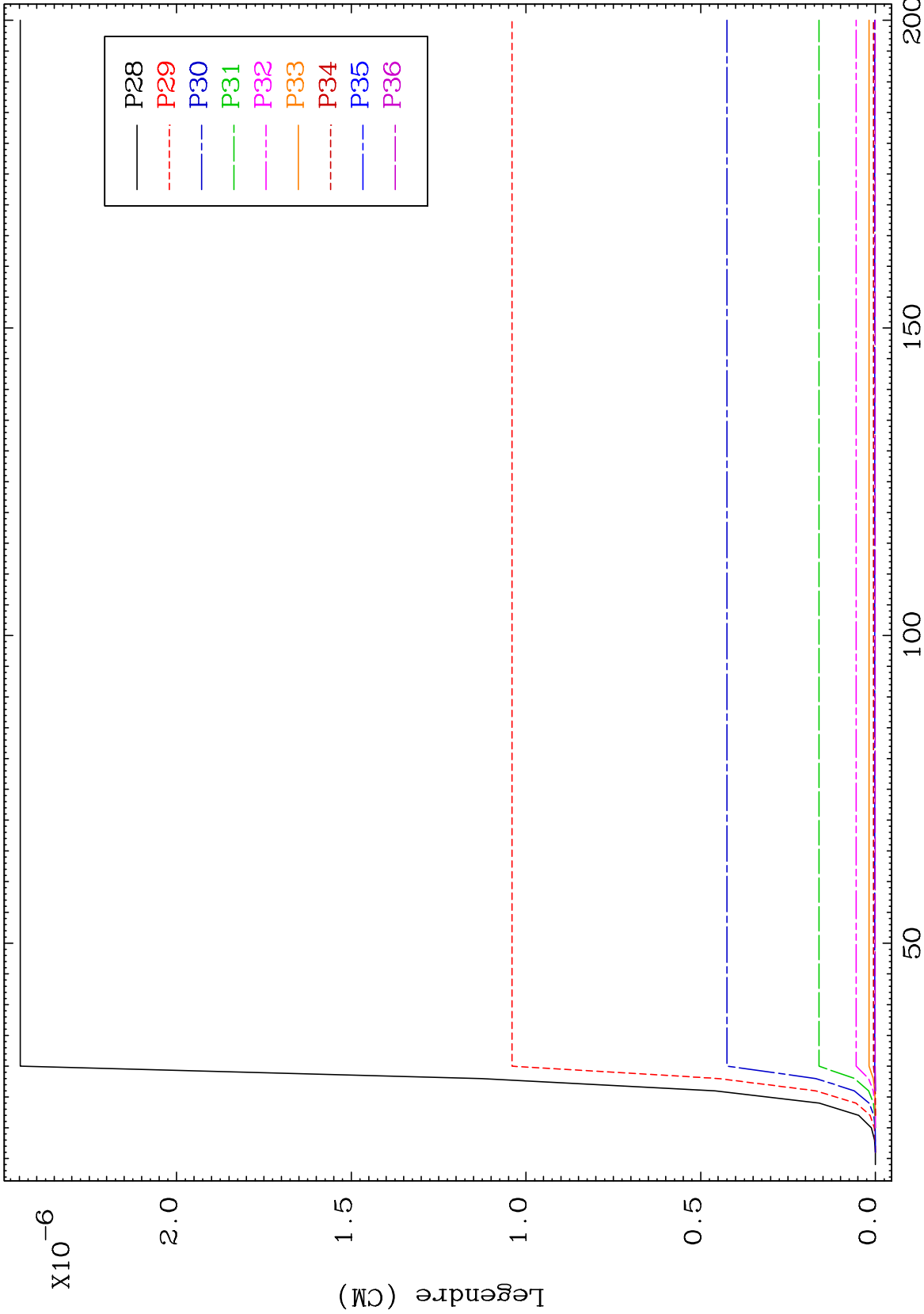
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



55

Incident Energy (MeV)

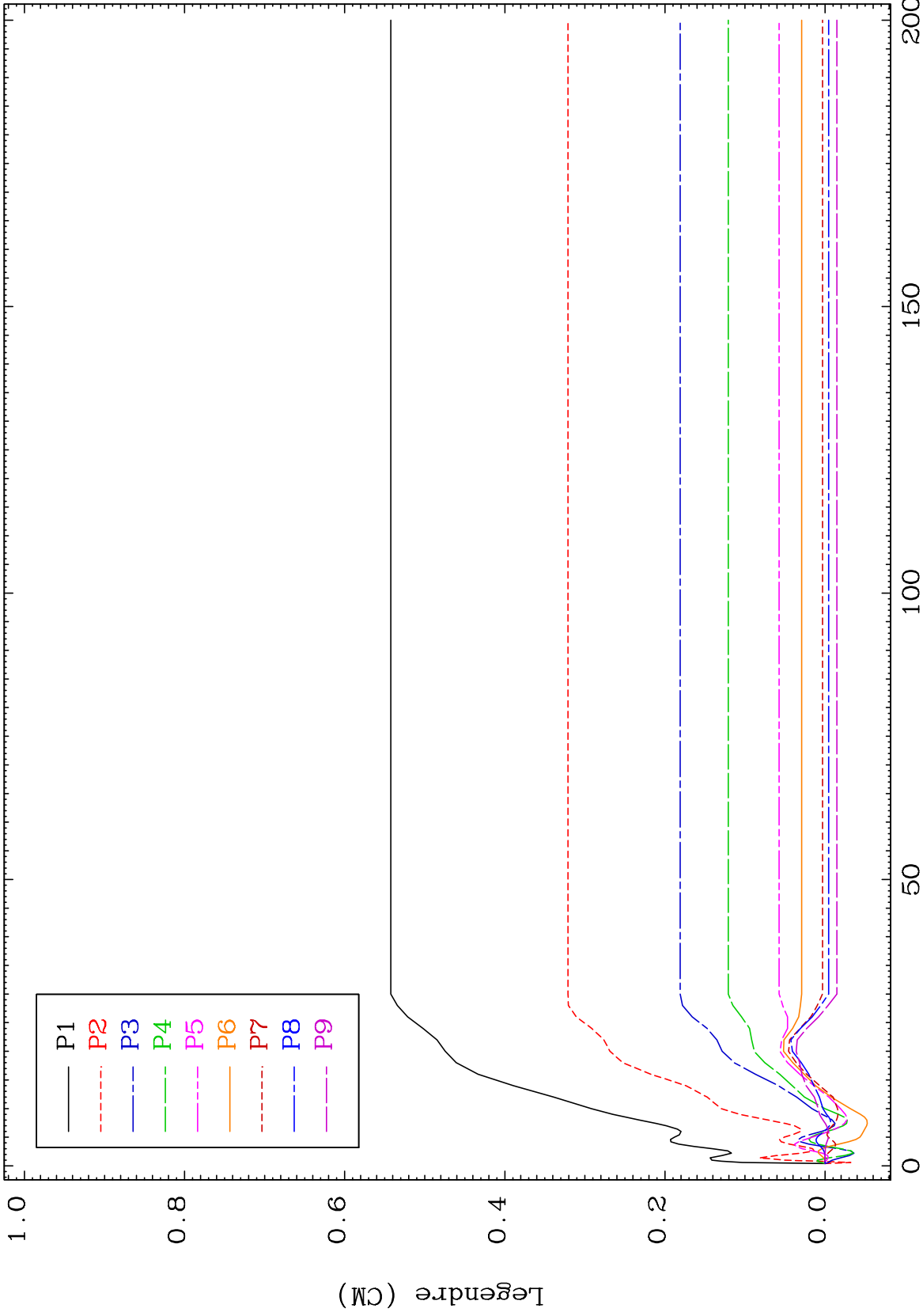
76-Os-169



MAT 7580

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

76-Os-169

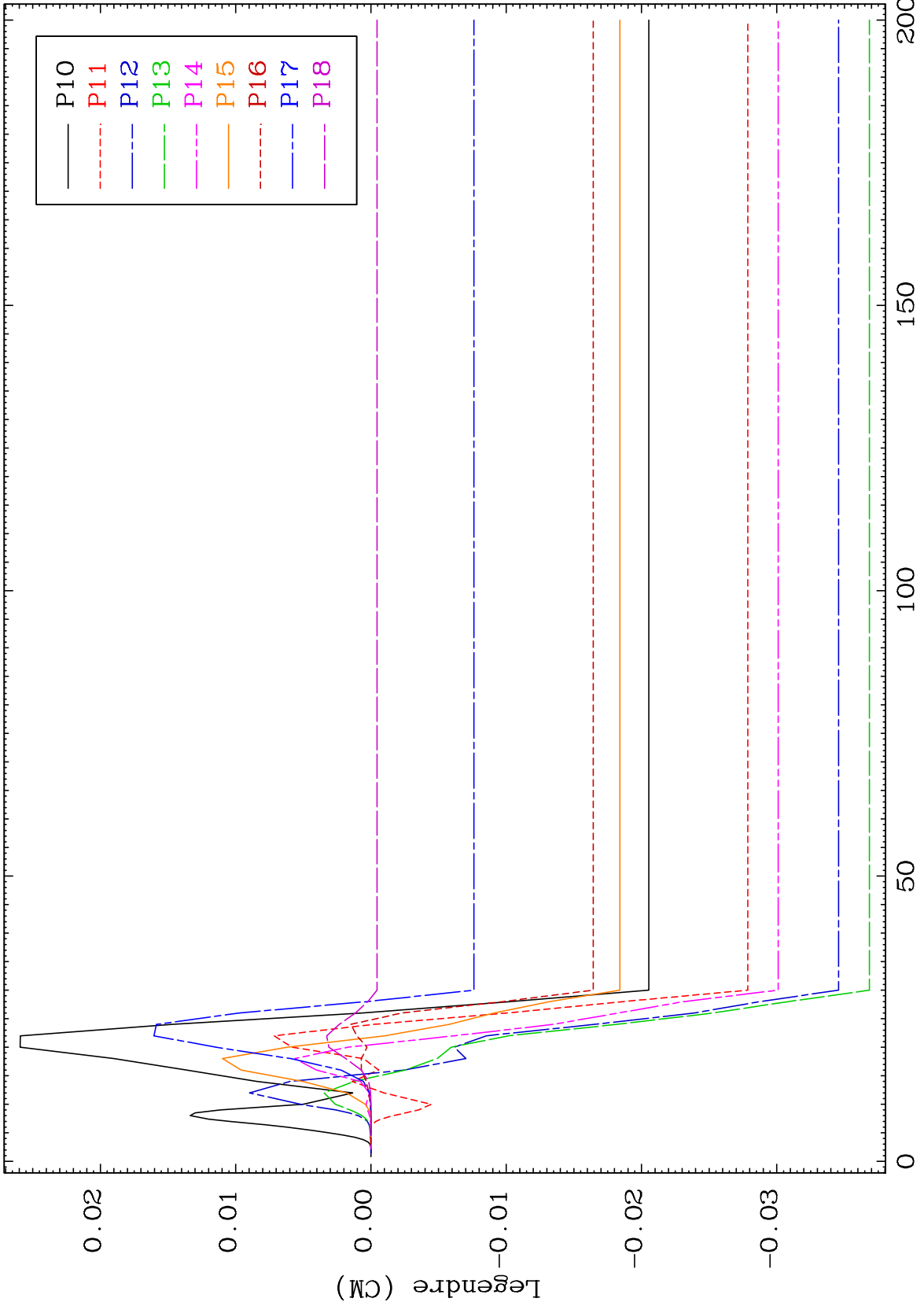


56

Incident Energy (MeV)

76-Os-169

MAT 7580 MT= 60 (n,n') Level Legendre Coefficients 76-Os-169

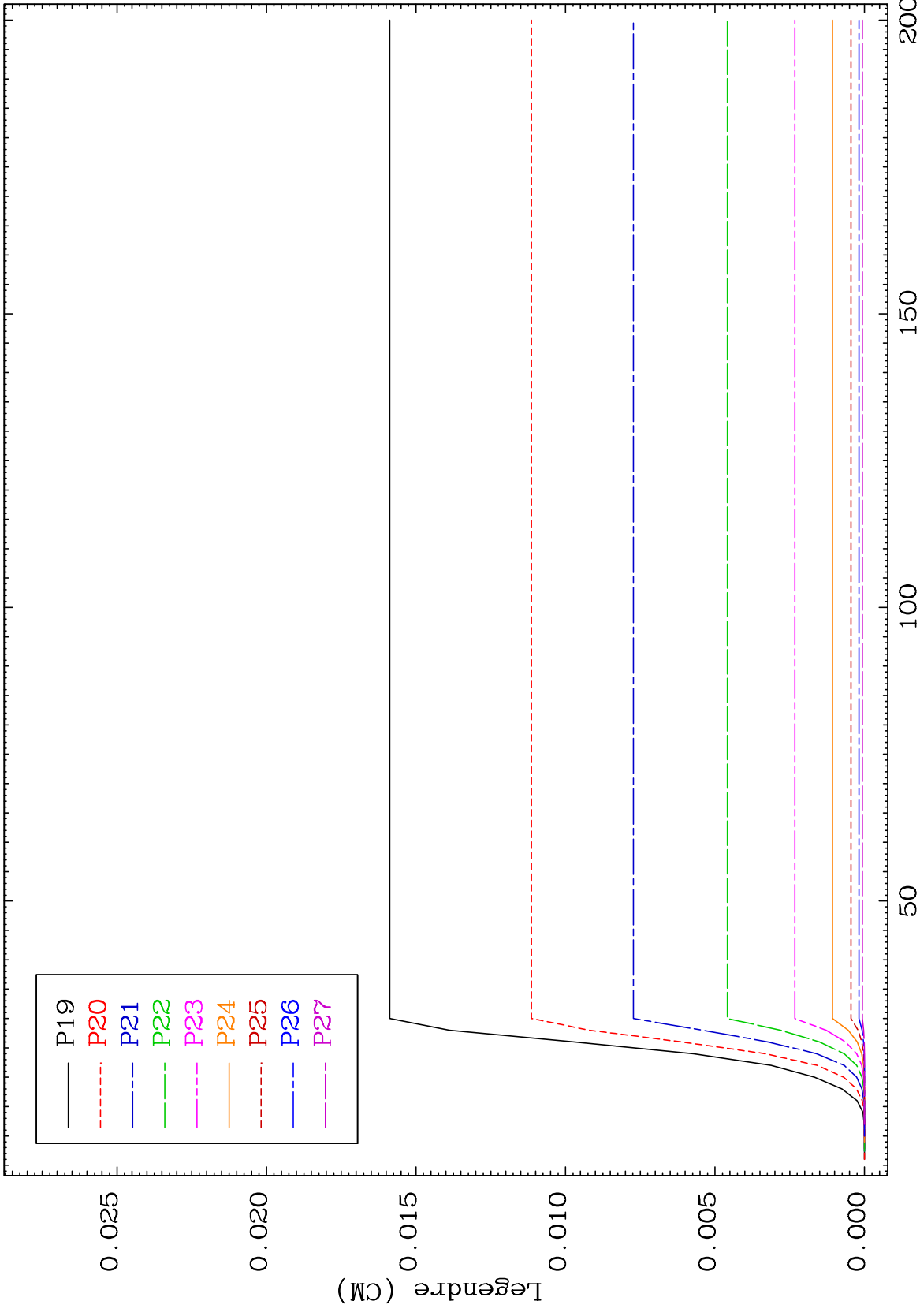


57 76-Os-169

MAT 7580

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

76-Os-169



58

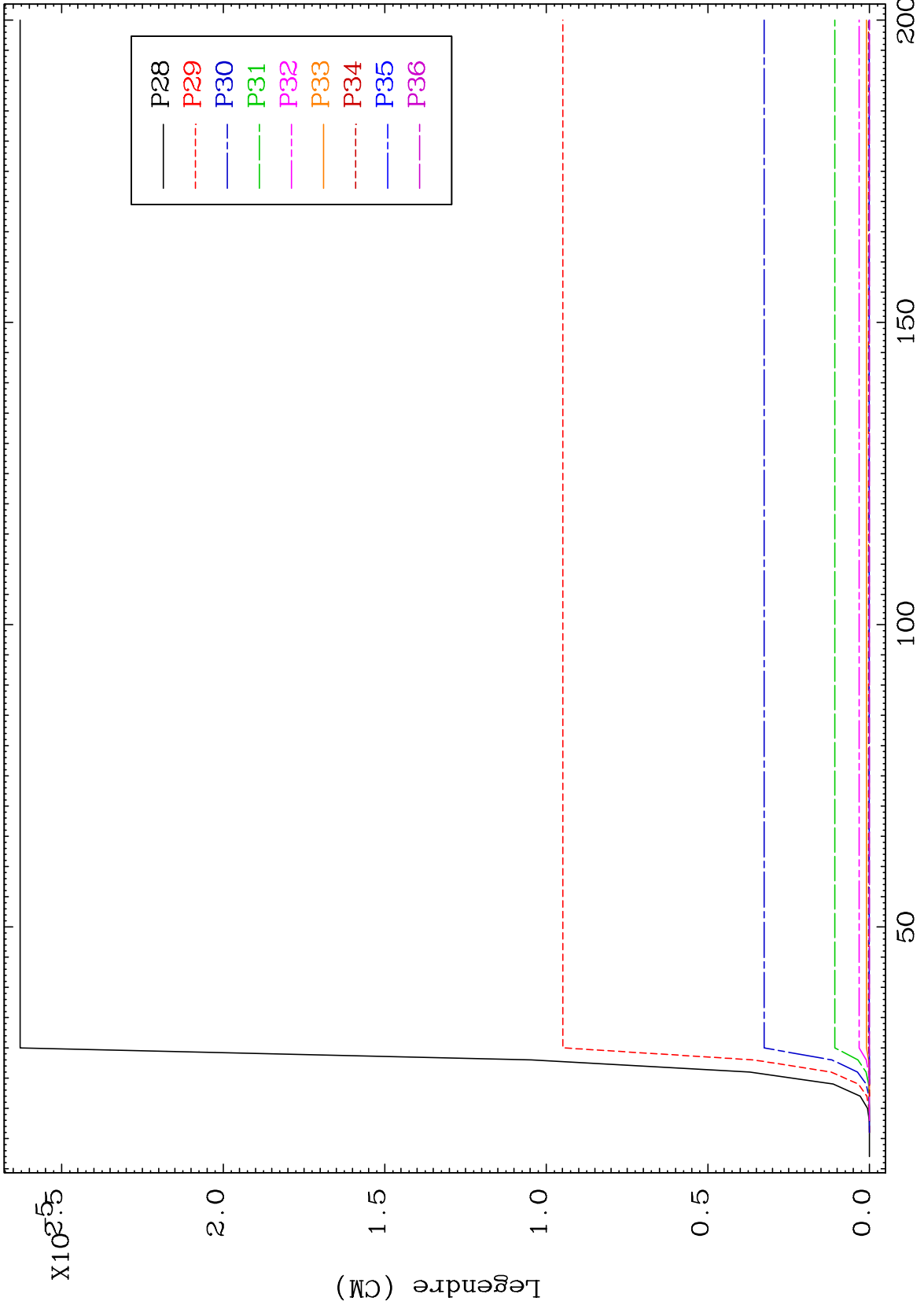
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



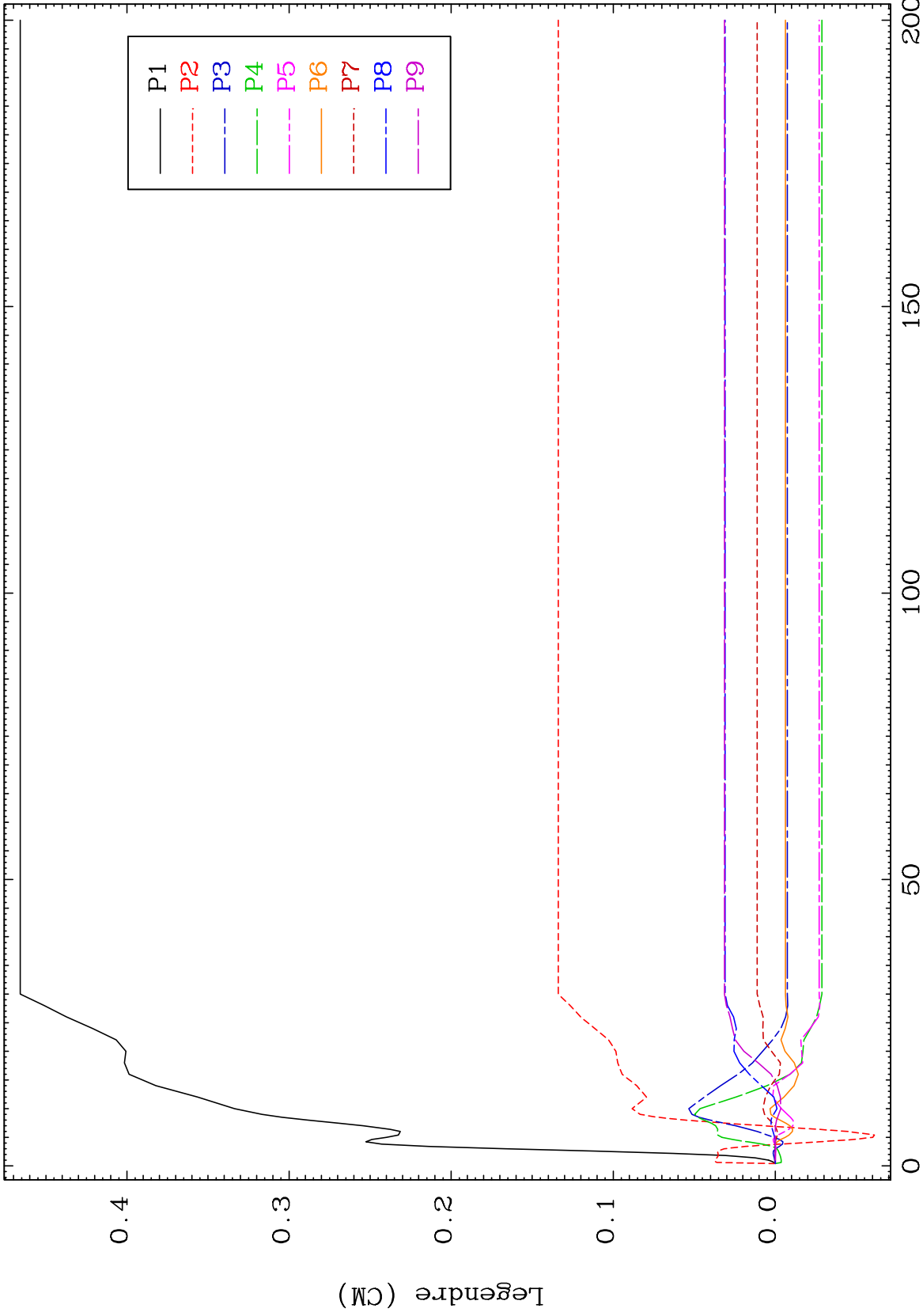
59

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

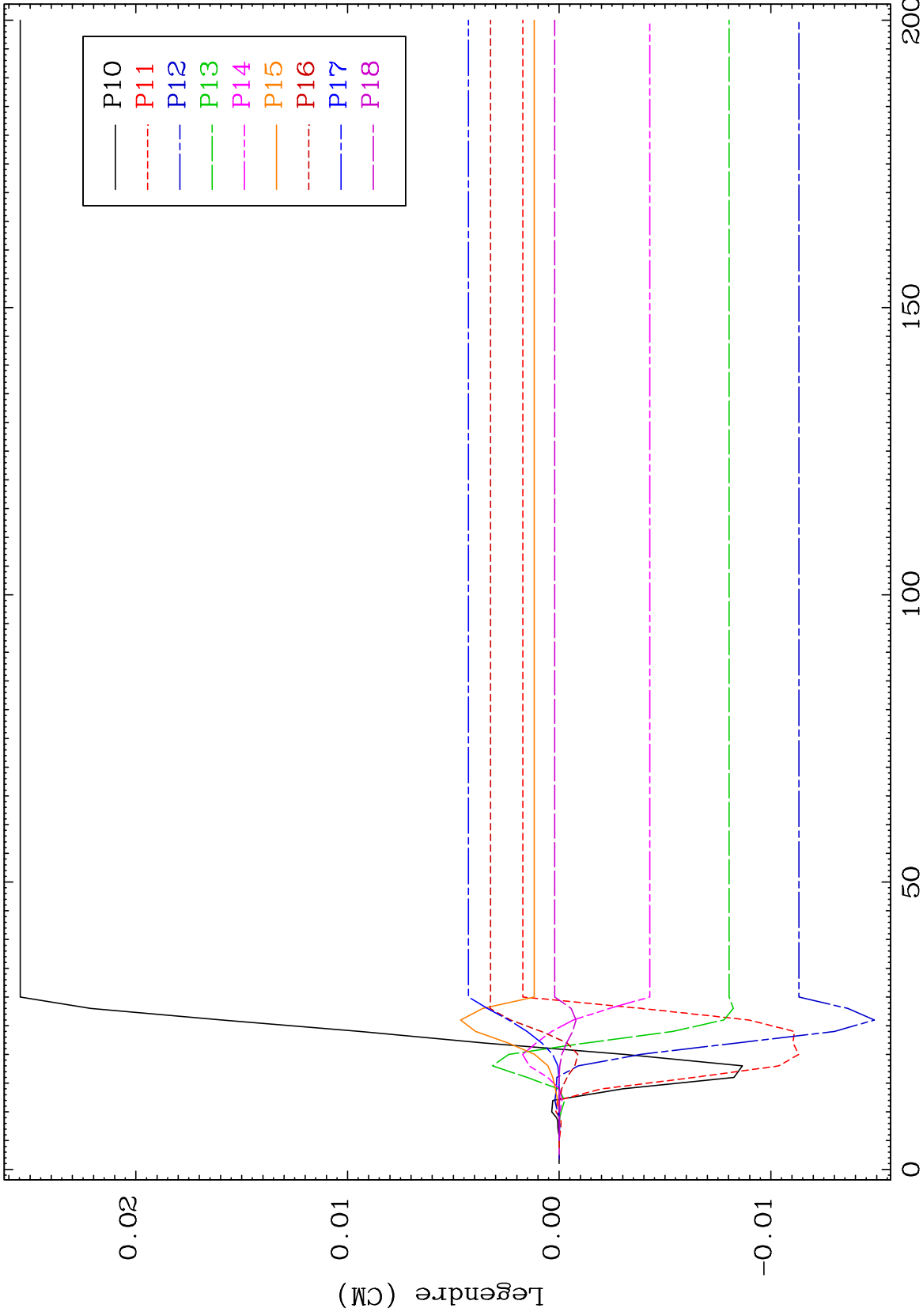
Incident Energy (MeV)

60

MAT 7580

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

76-Os-169



61

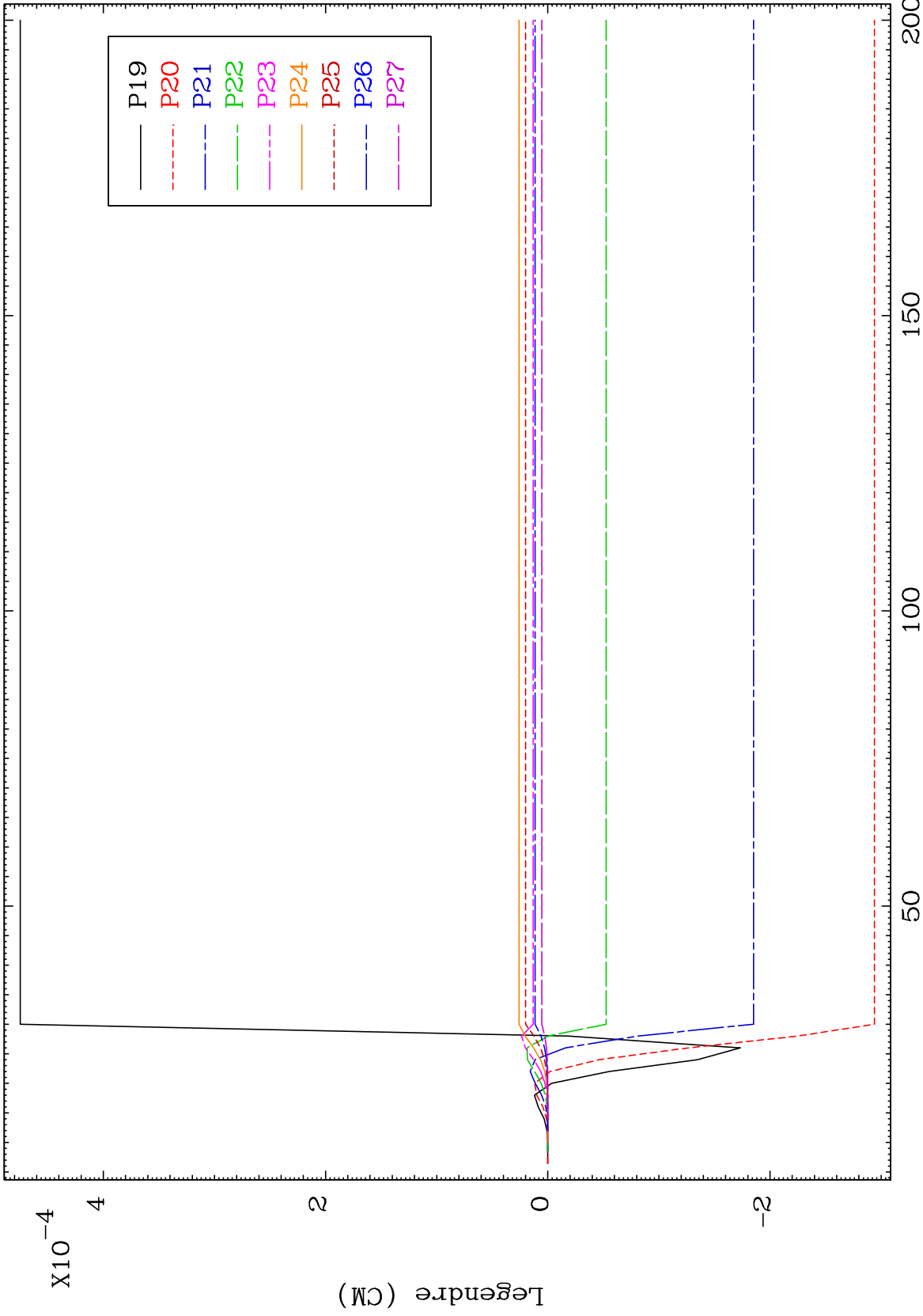
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



62

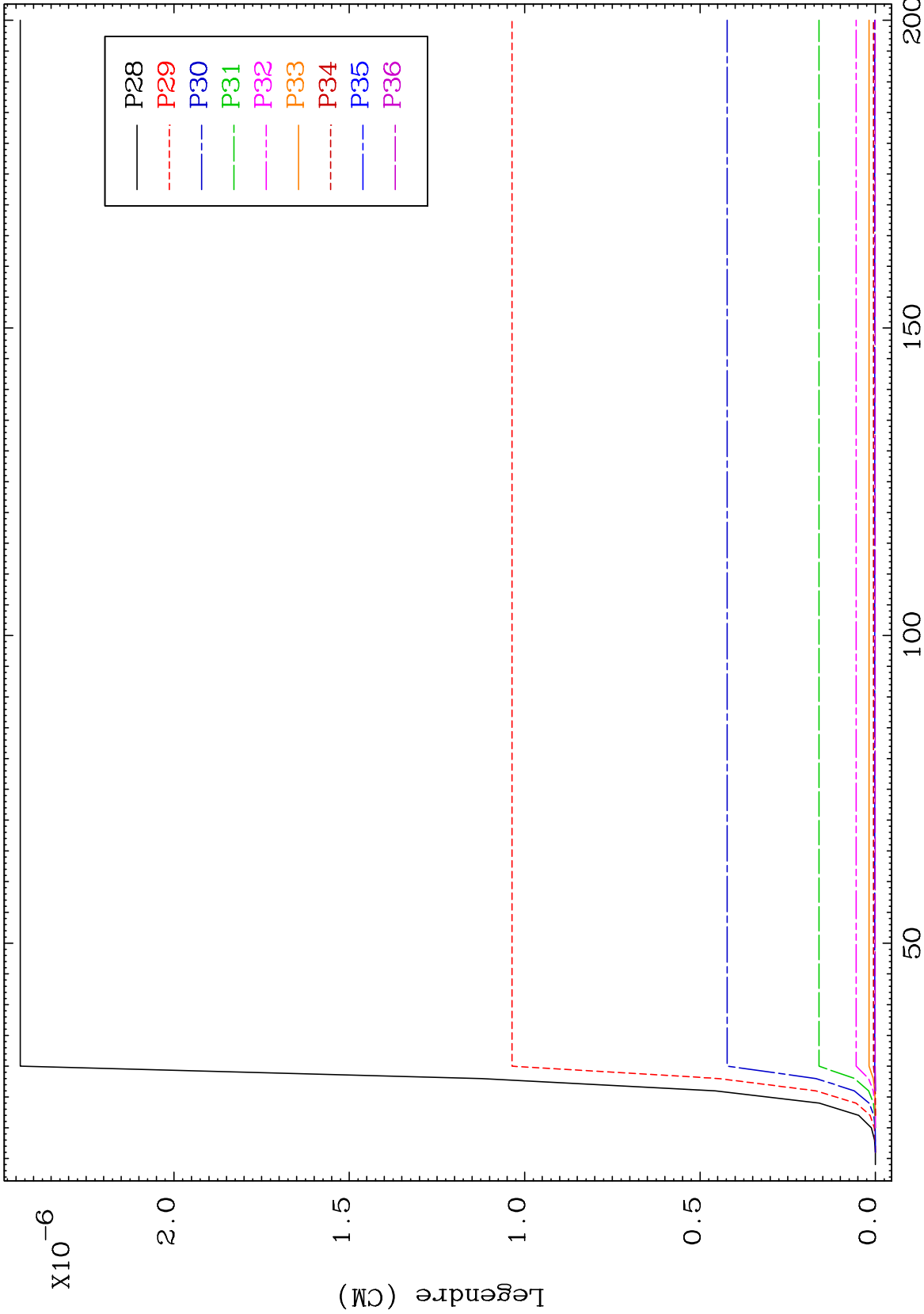
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



63

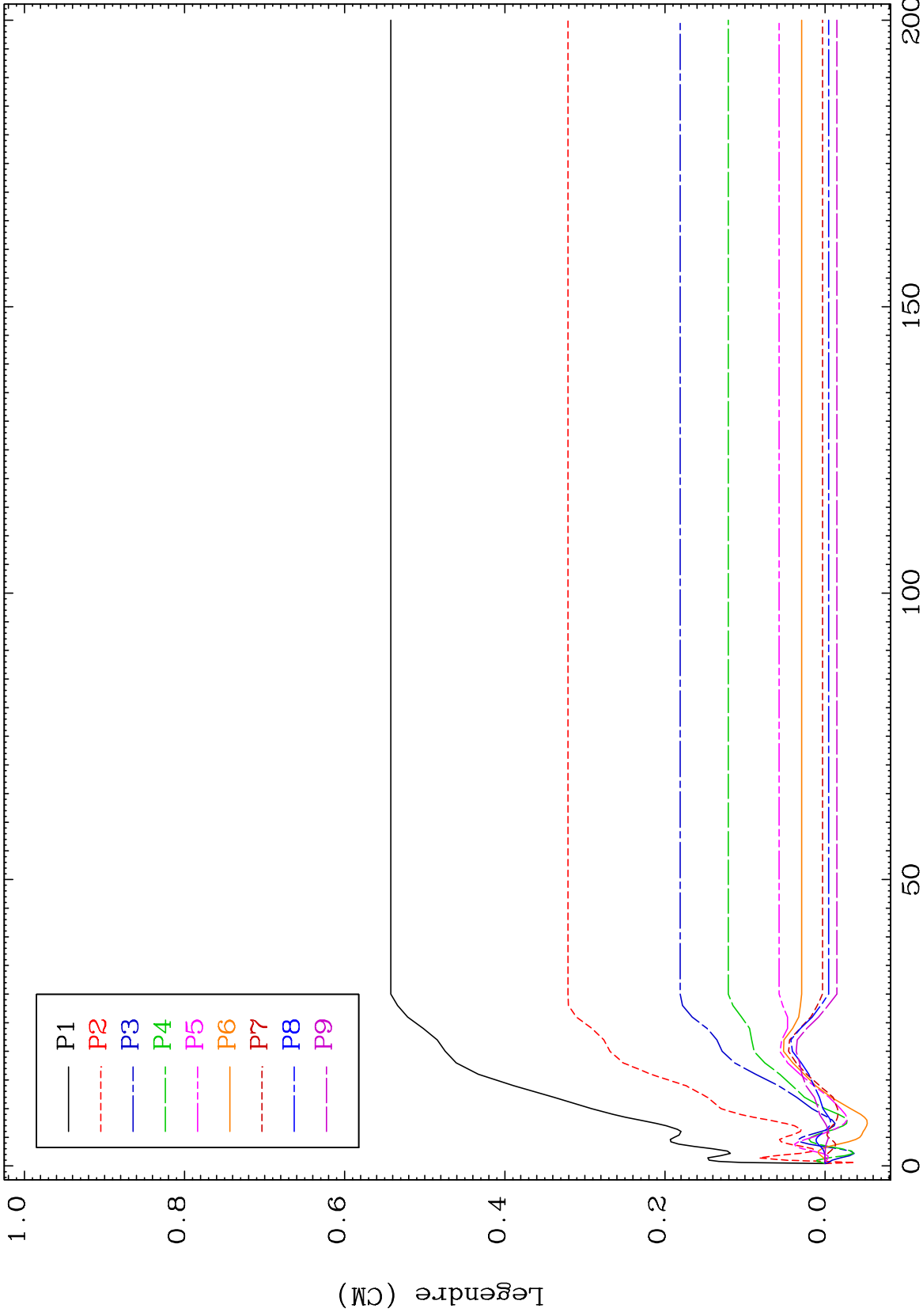
76-Os-169



MAT 7580

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

76-Os-169

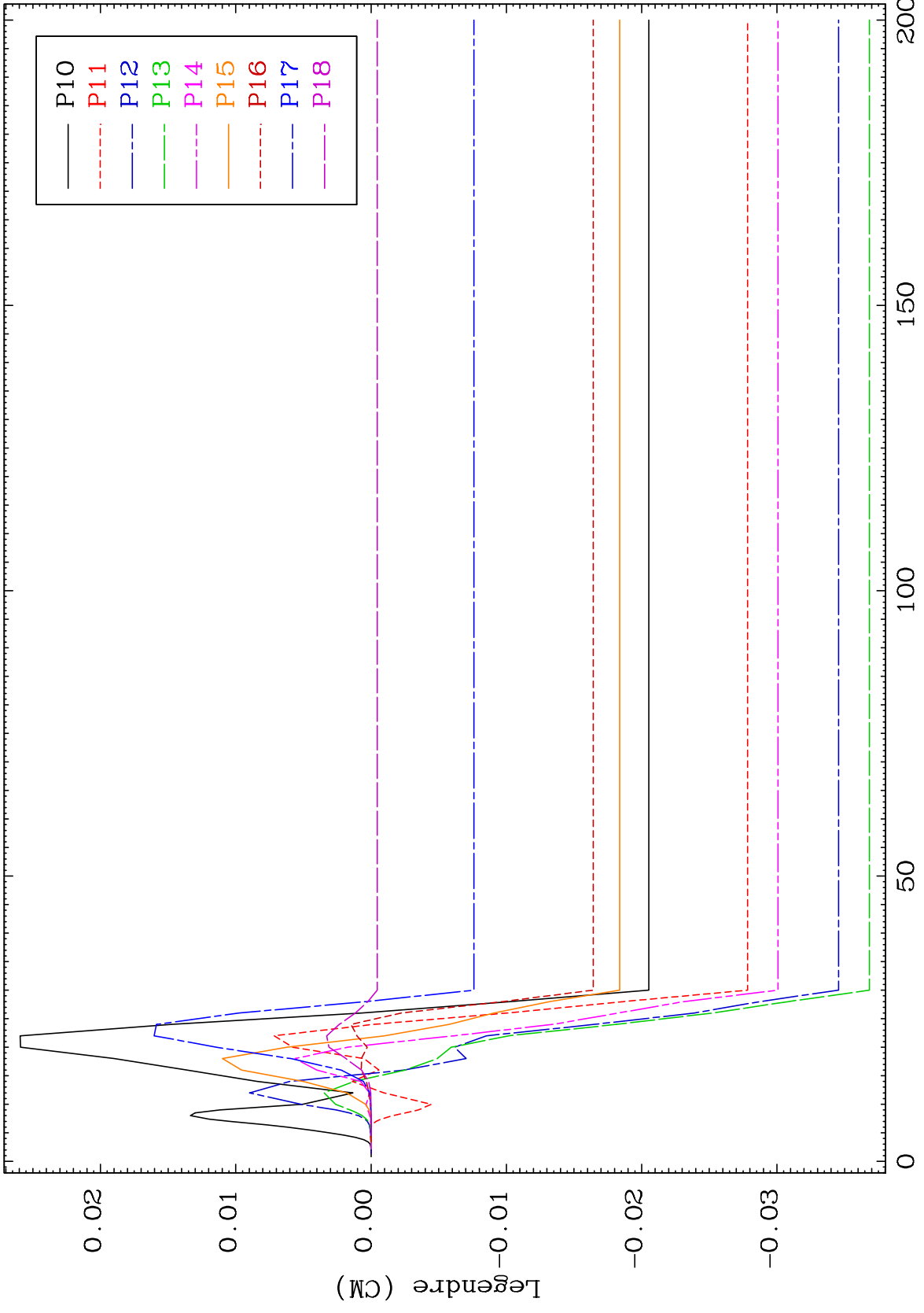


64

Incident Energy (MeV)

76-Os-169

MAT 7580 MT= 62 (n,n') Level Legendre Coefficients 76-Os-169

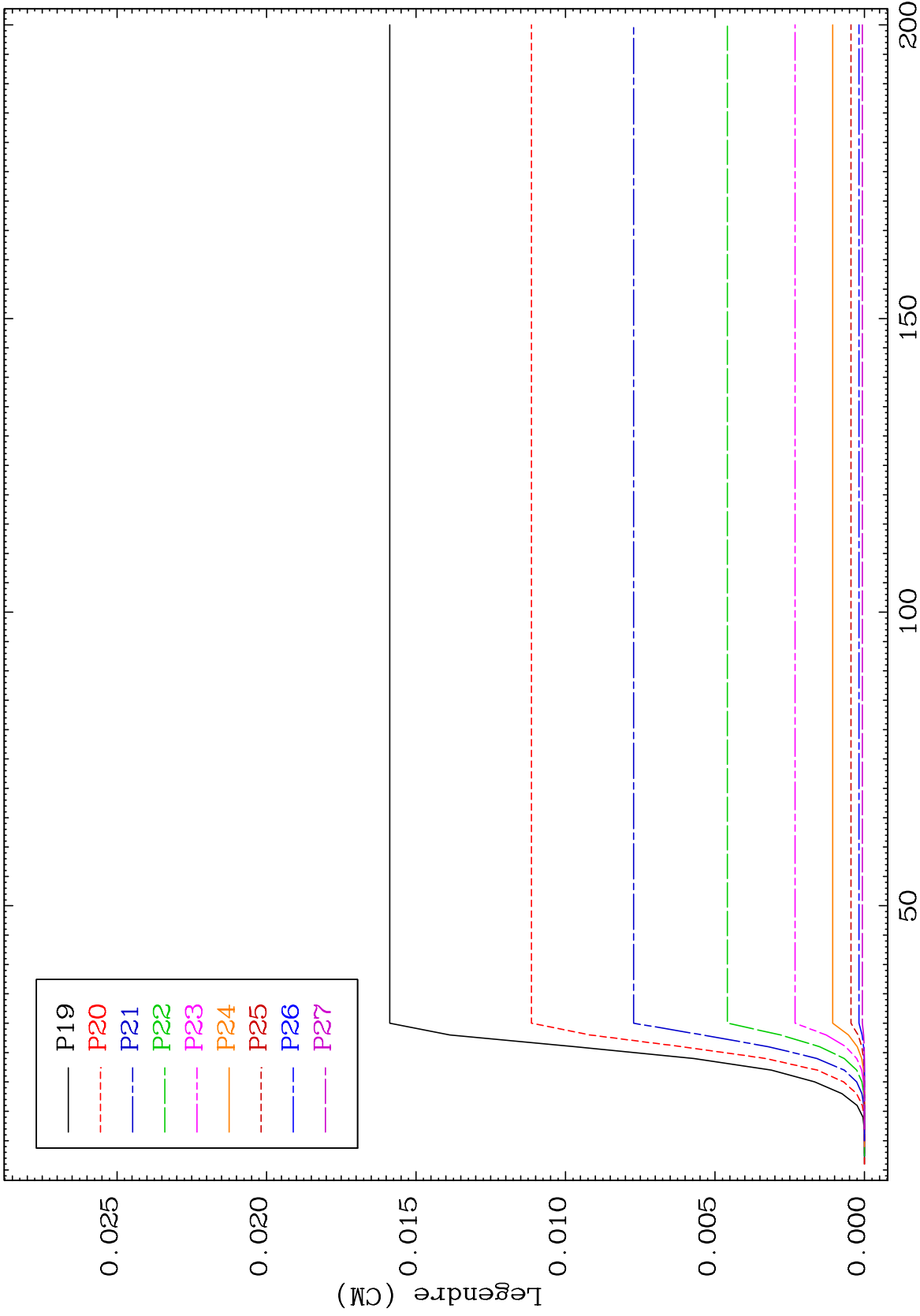


65 76-Os-169

MAT 7580

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

76-Os-169



66

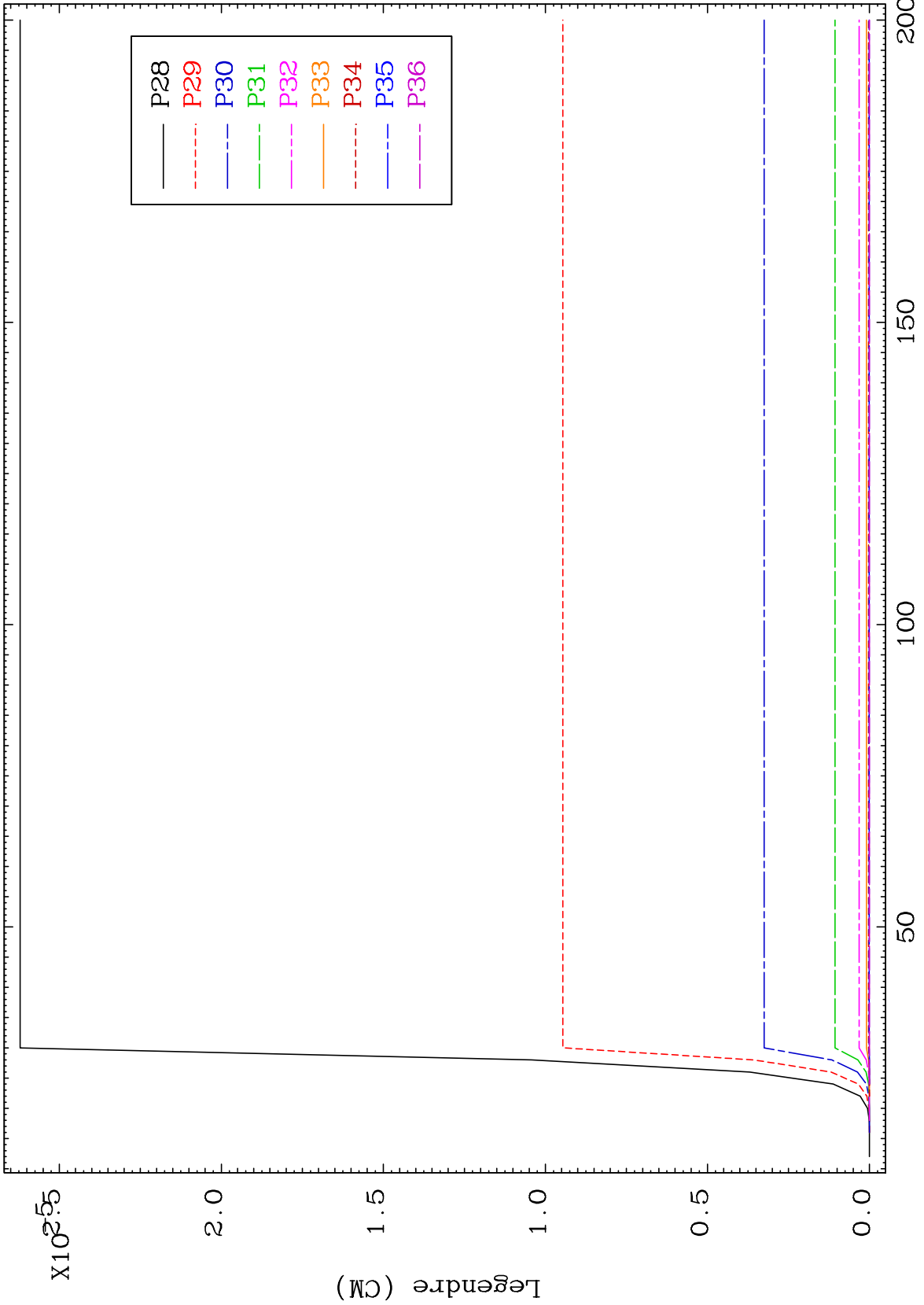
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



67

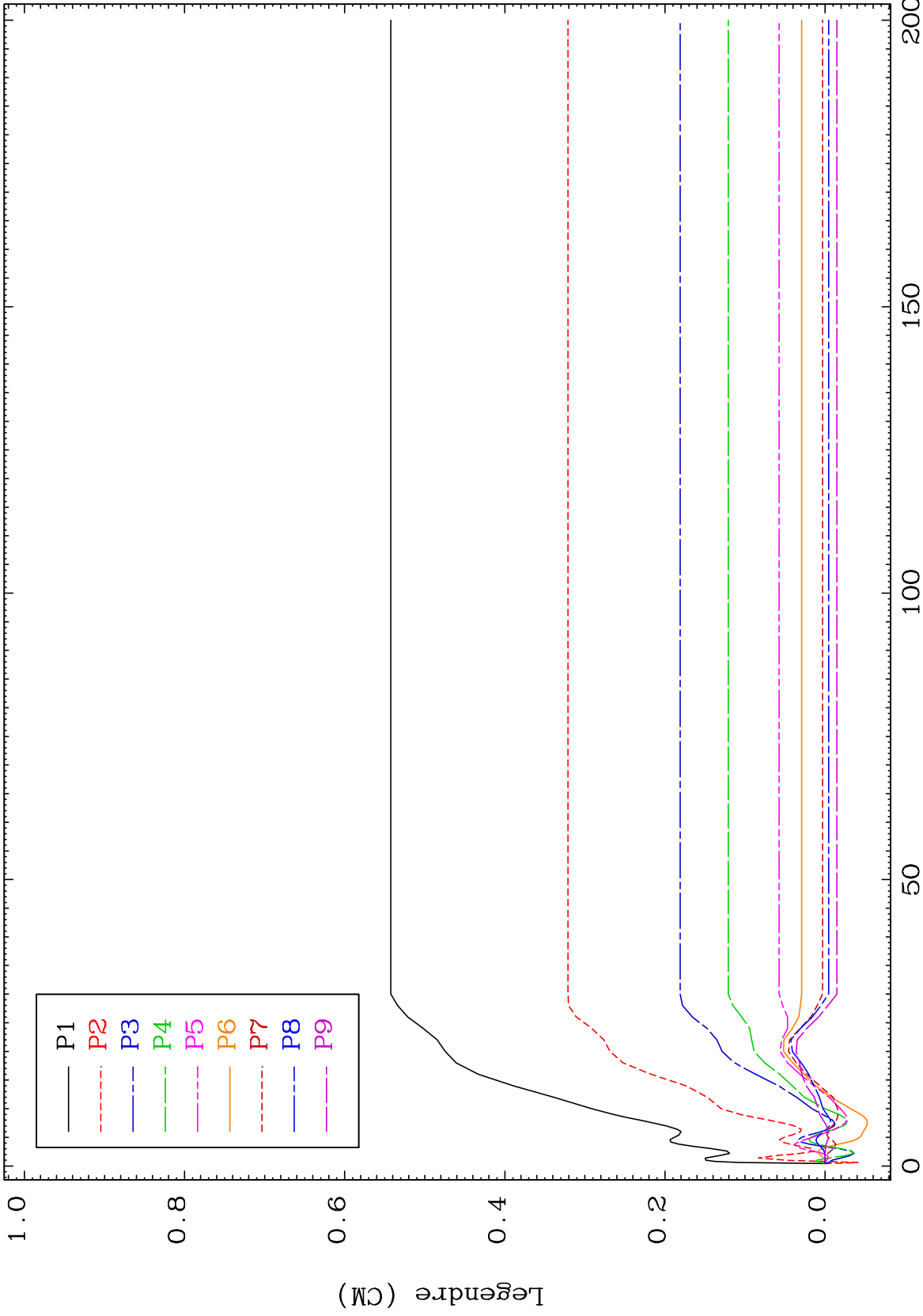
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



68

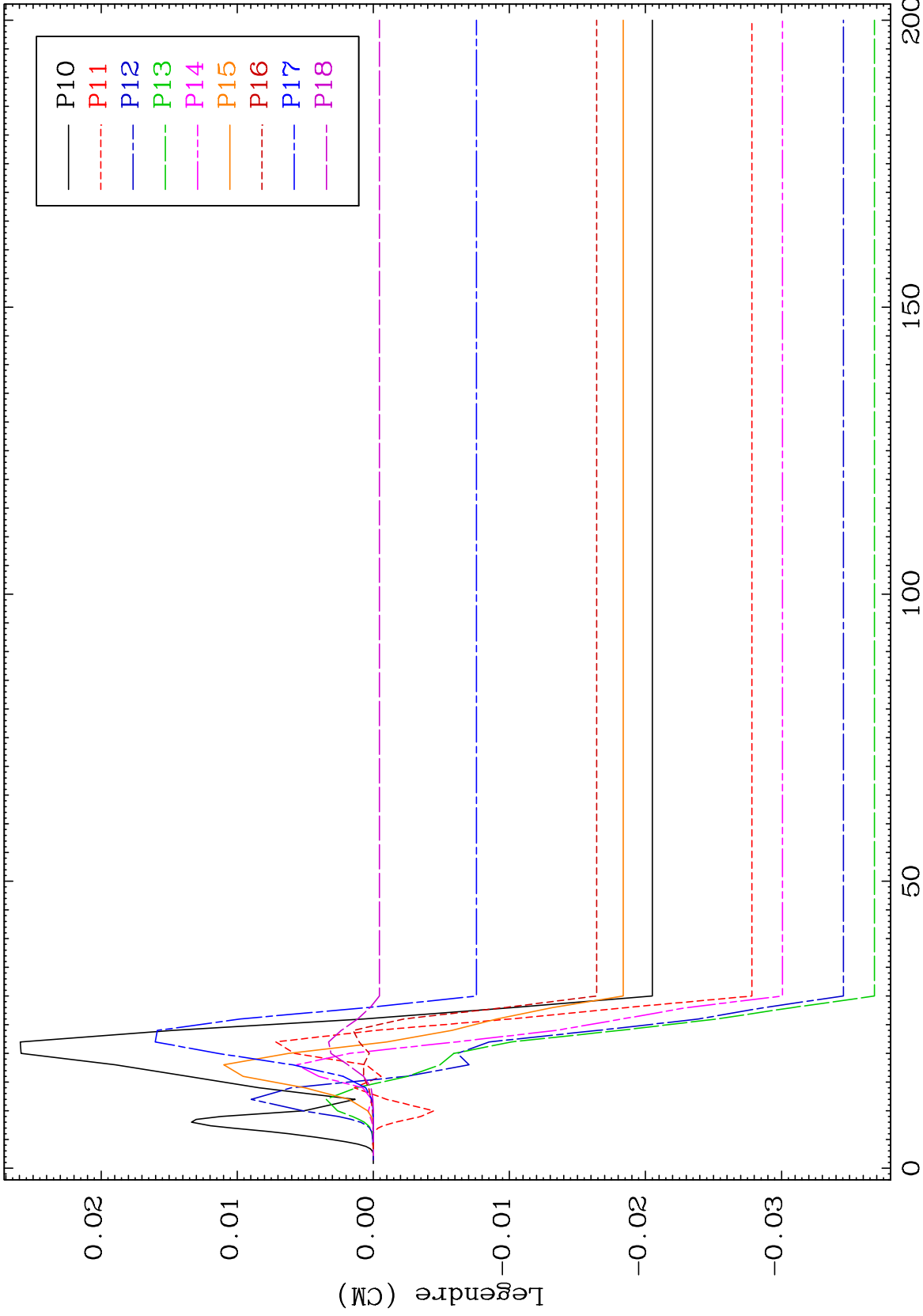
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



69

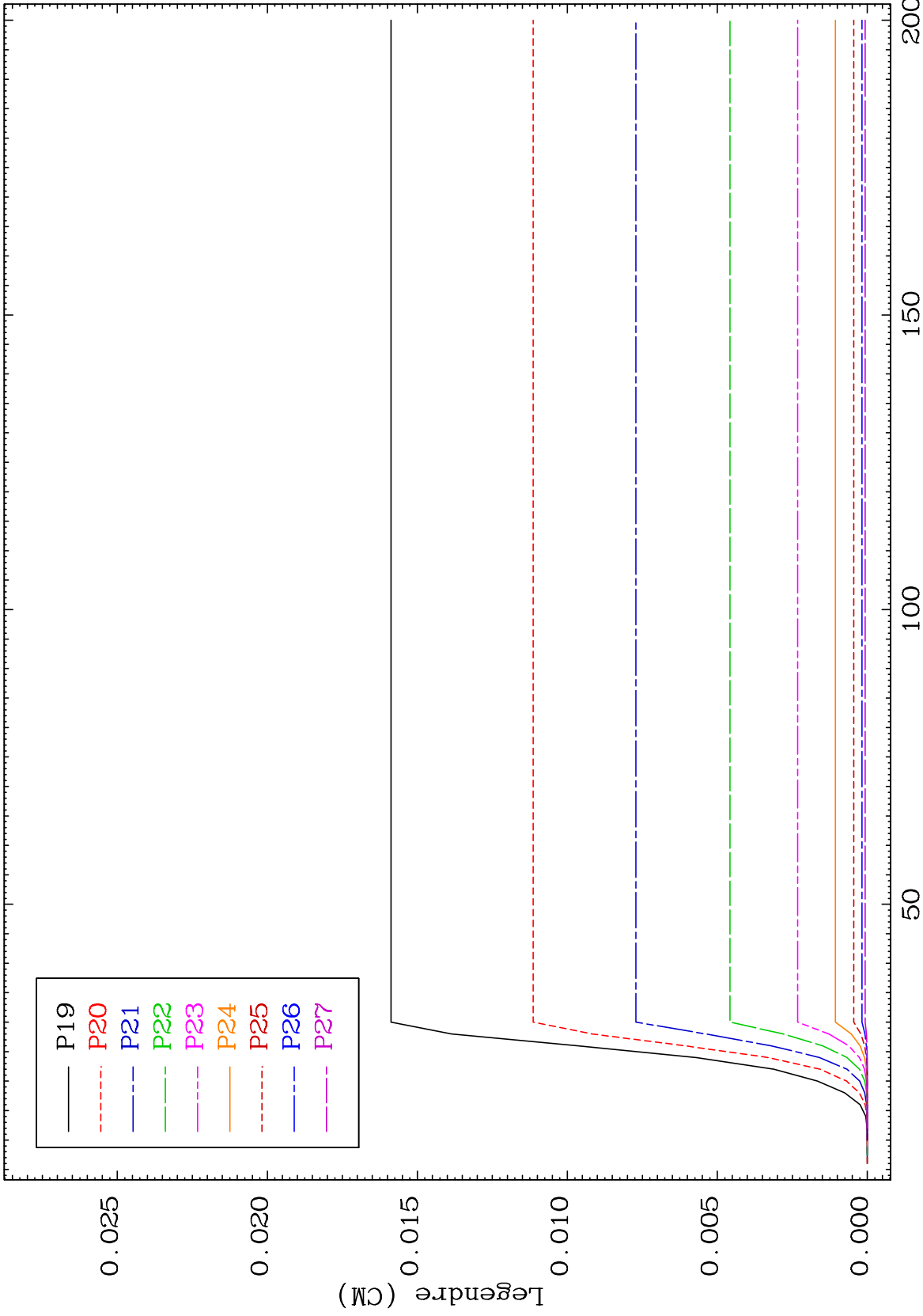
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



70

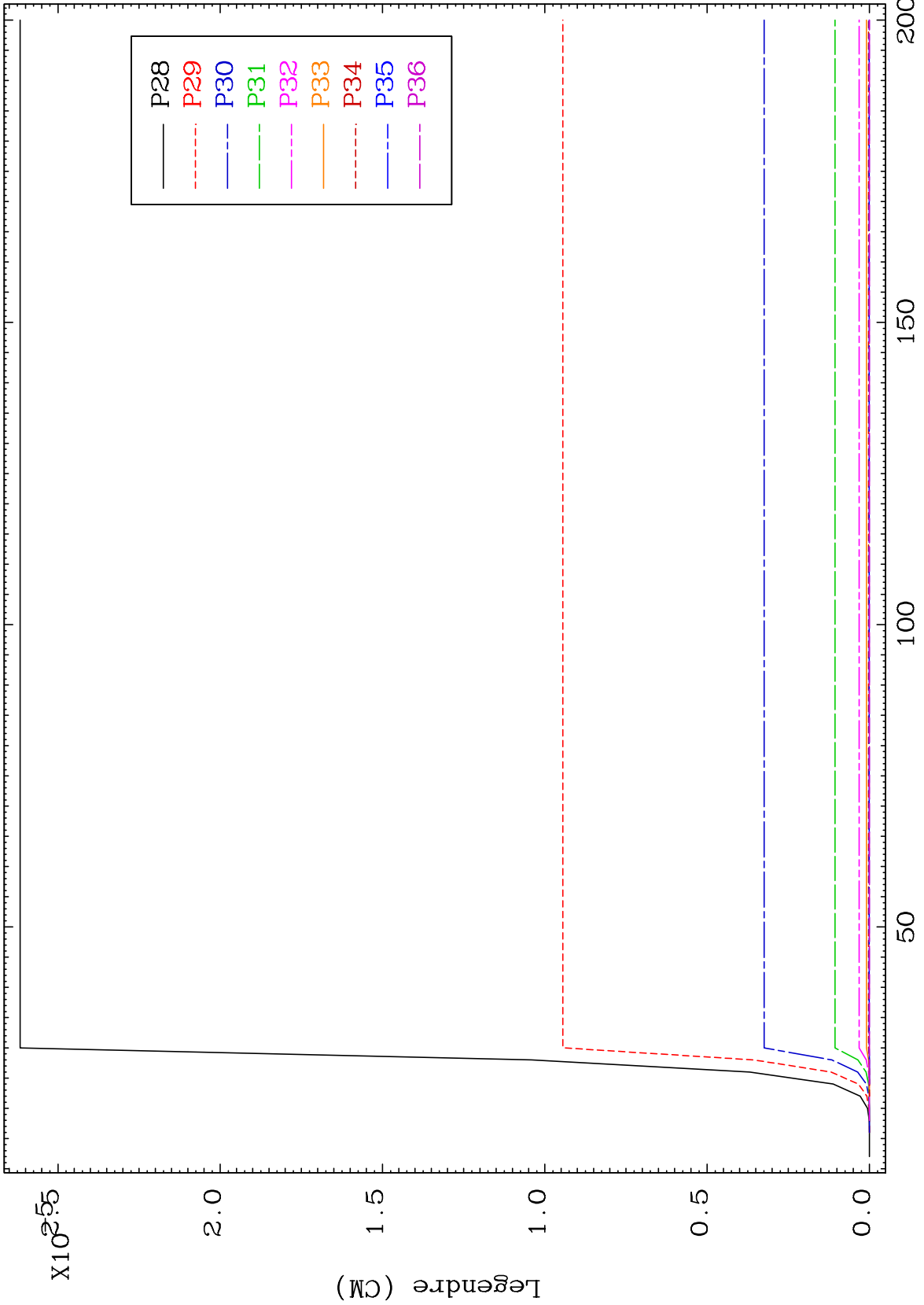
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



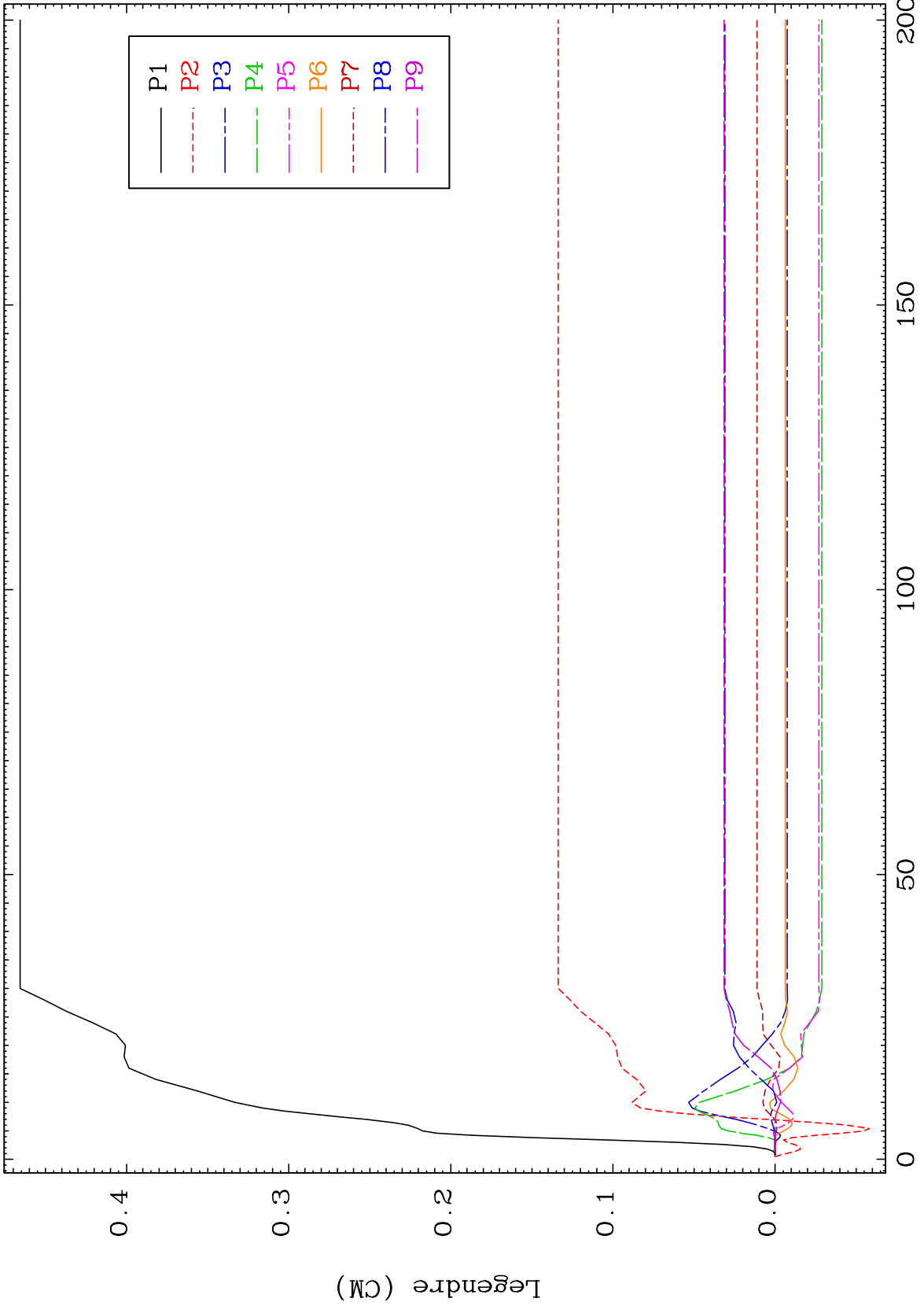
71

Incident Energy (MeV)

76-Os-169



MAT 7580 MT= 64 (n,n') Level Legendre Coefficients 76-Os-169

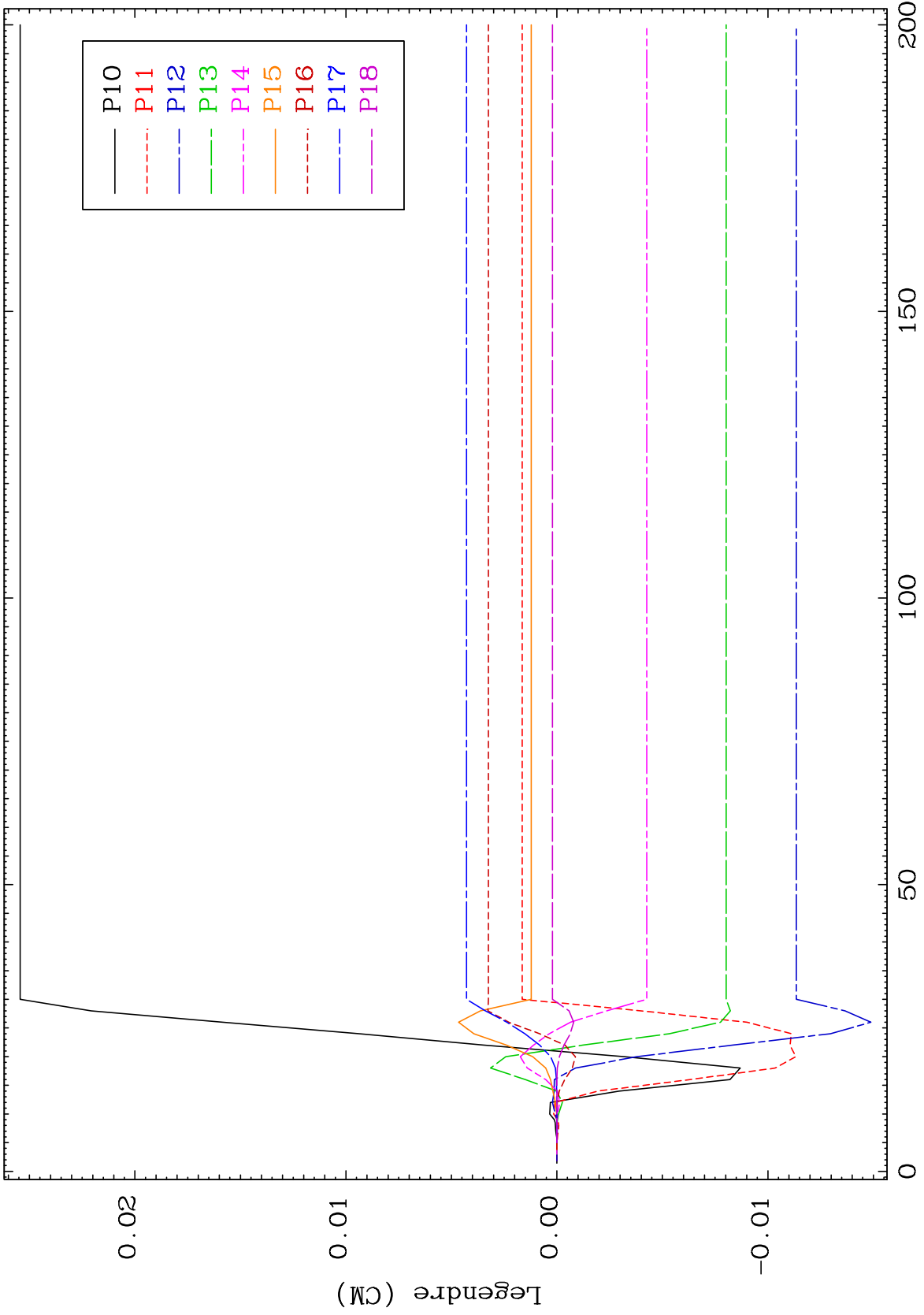


72 76-Os-169

MAT 7580

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

76-Os-169



73

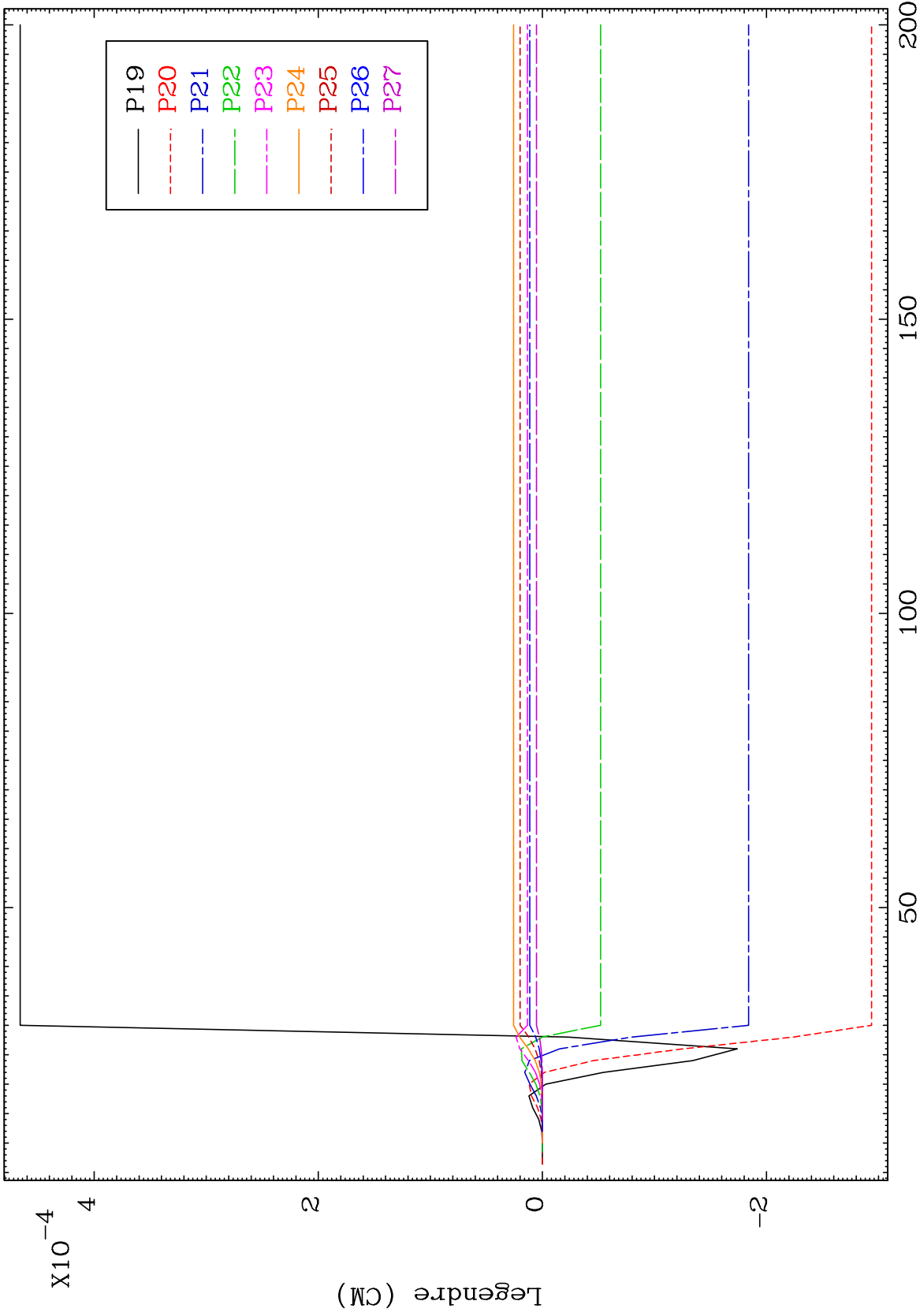
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



74

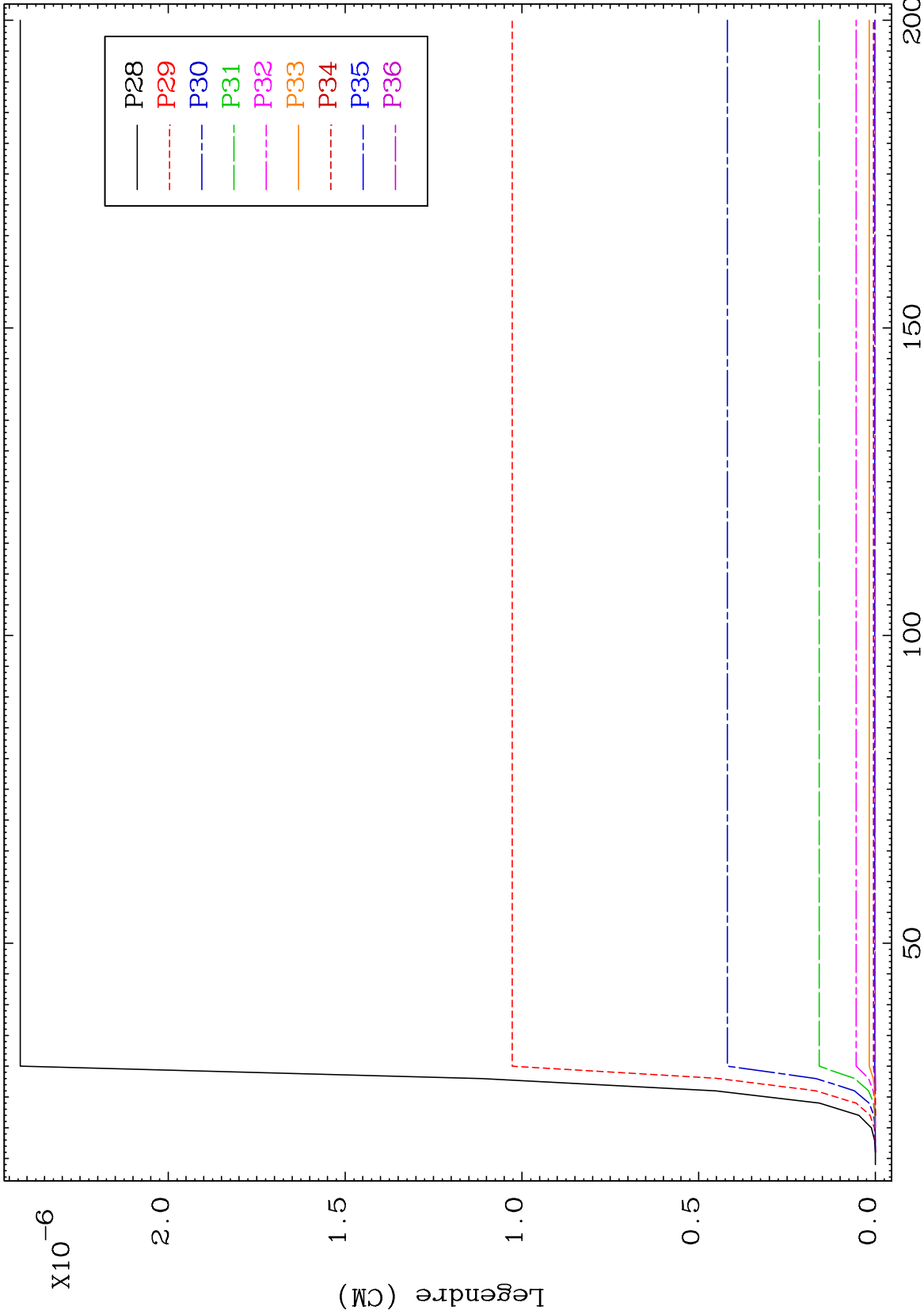
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



75

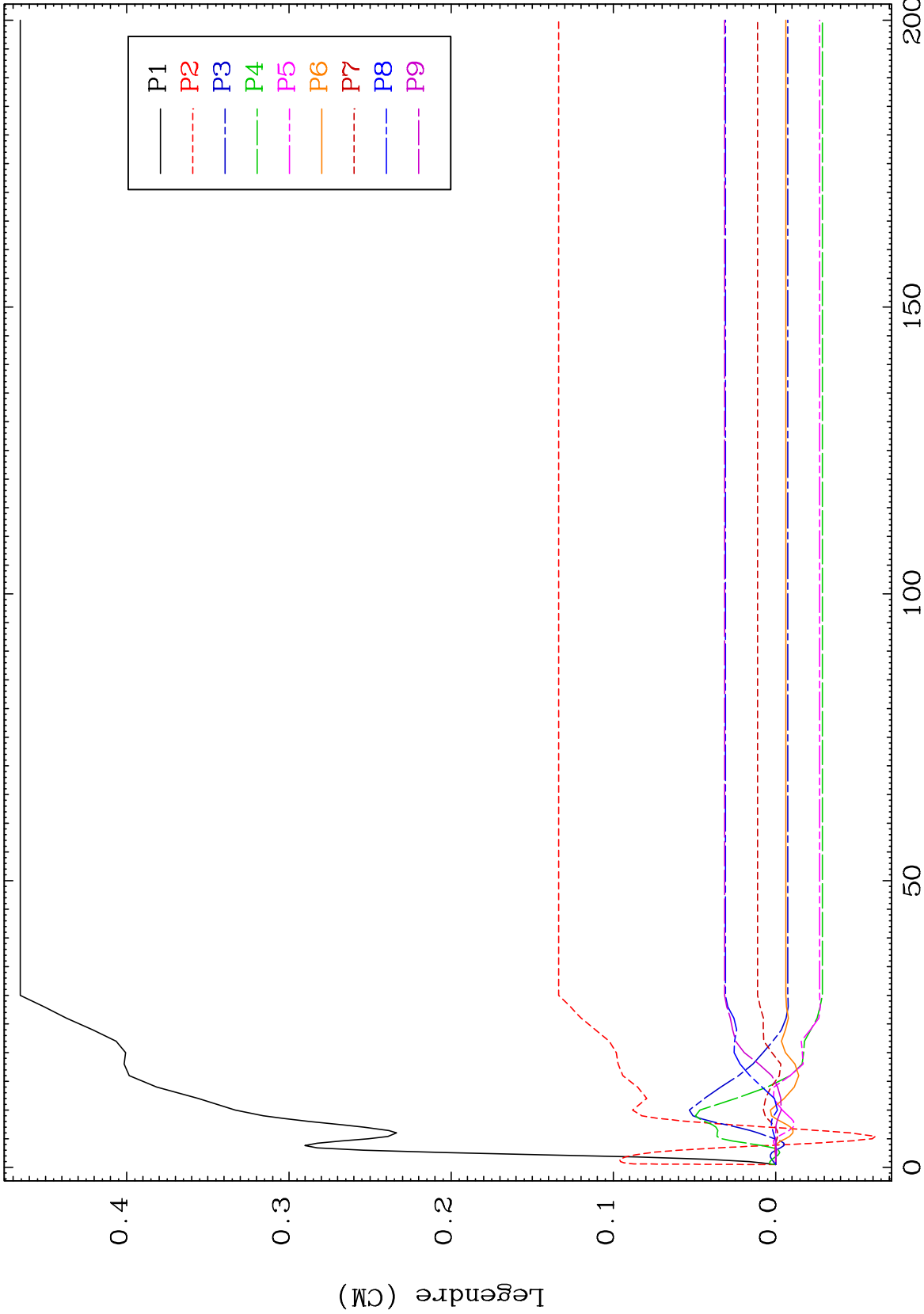
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76

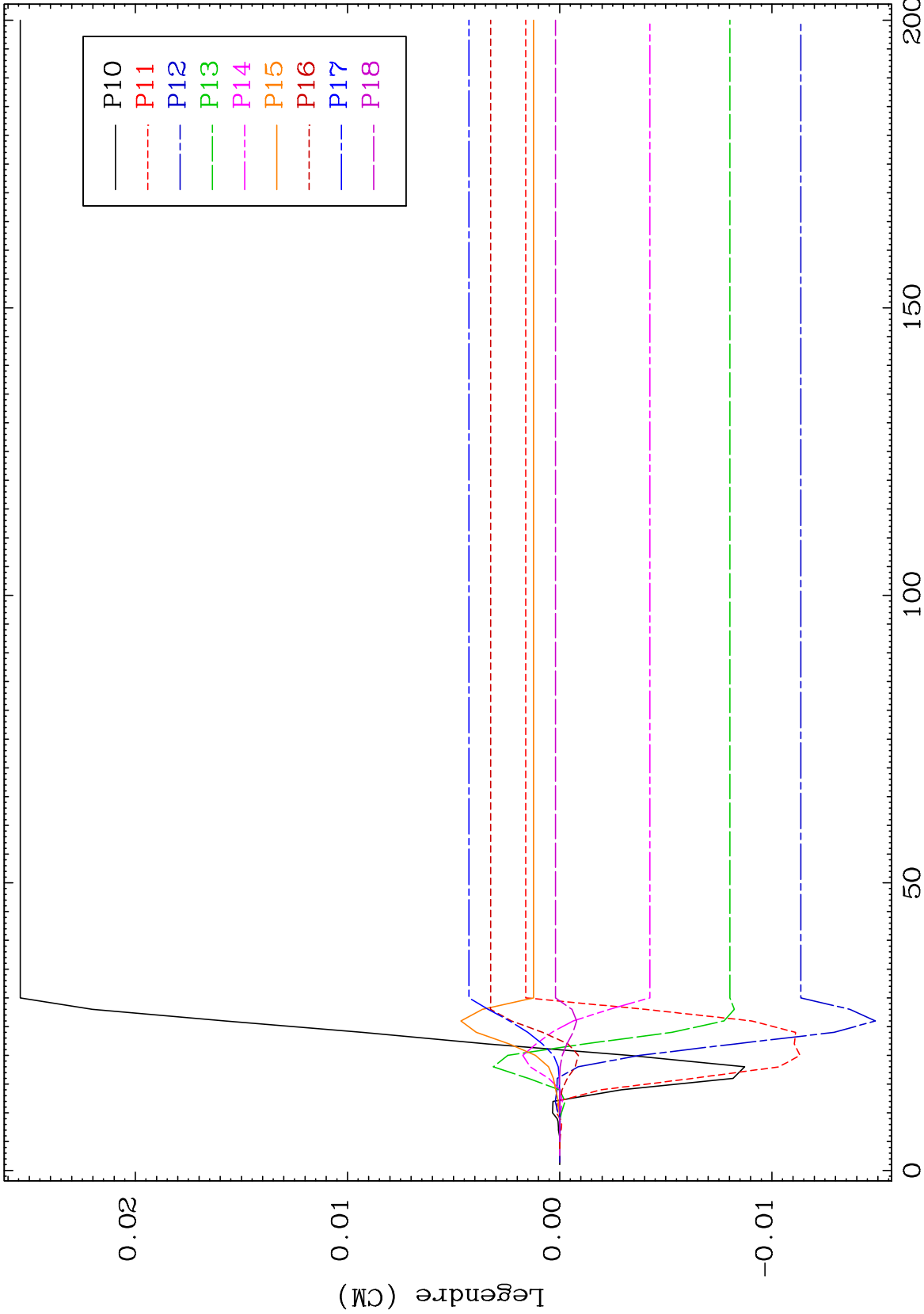
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



77

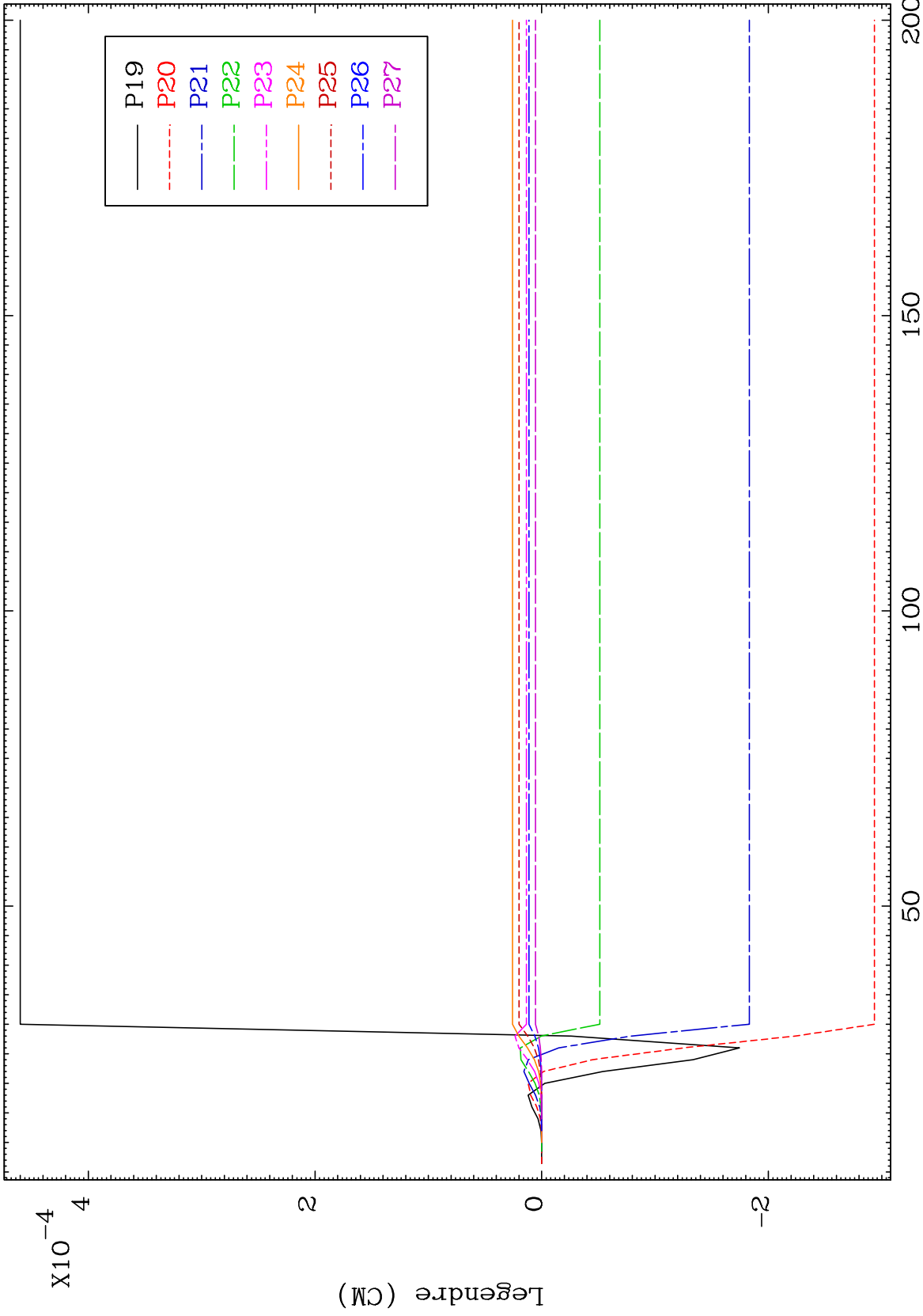
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



78

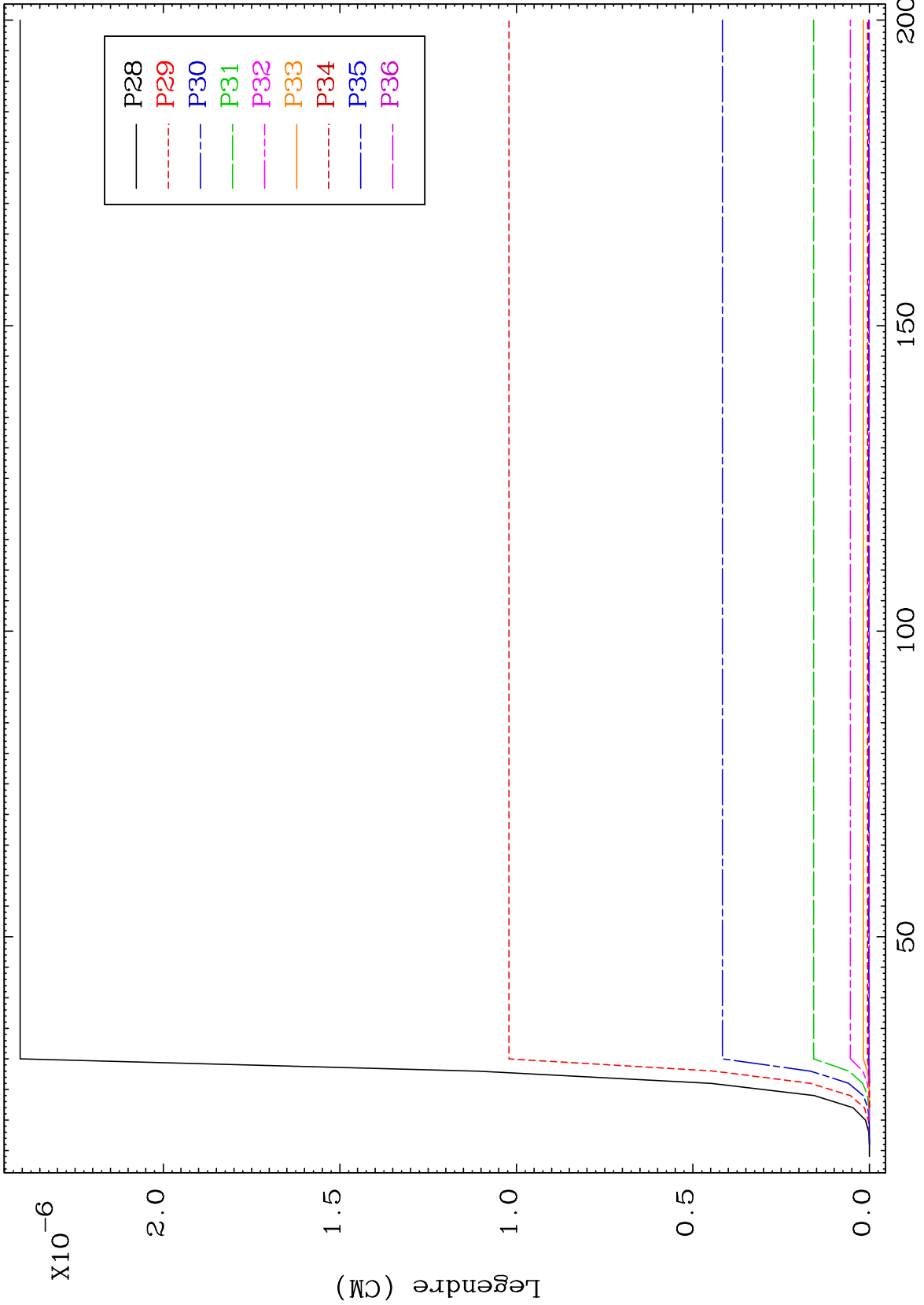
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



79

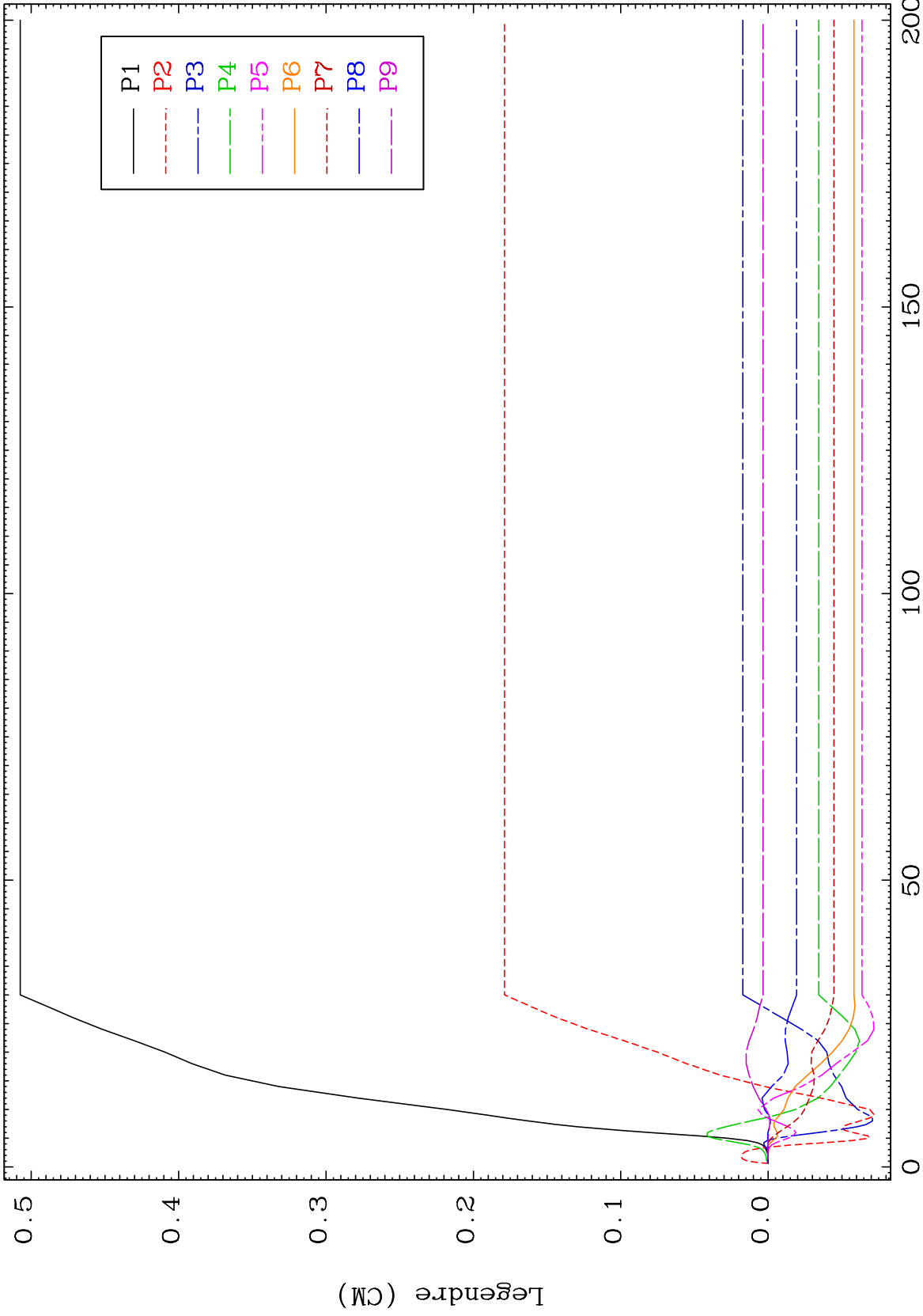
76-Os-169



MAT 7580

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

76-Os-169



76-Os-169

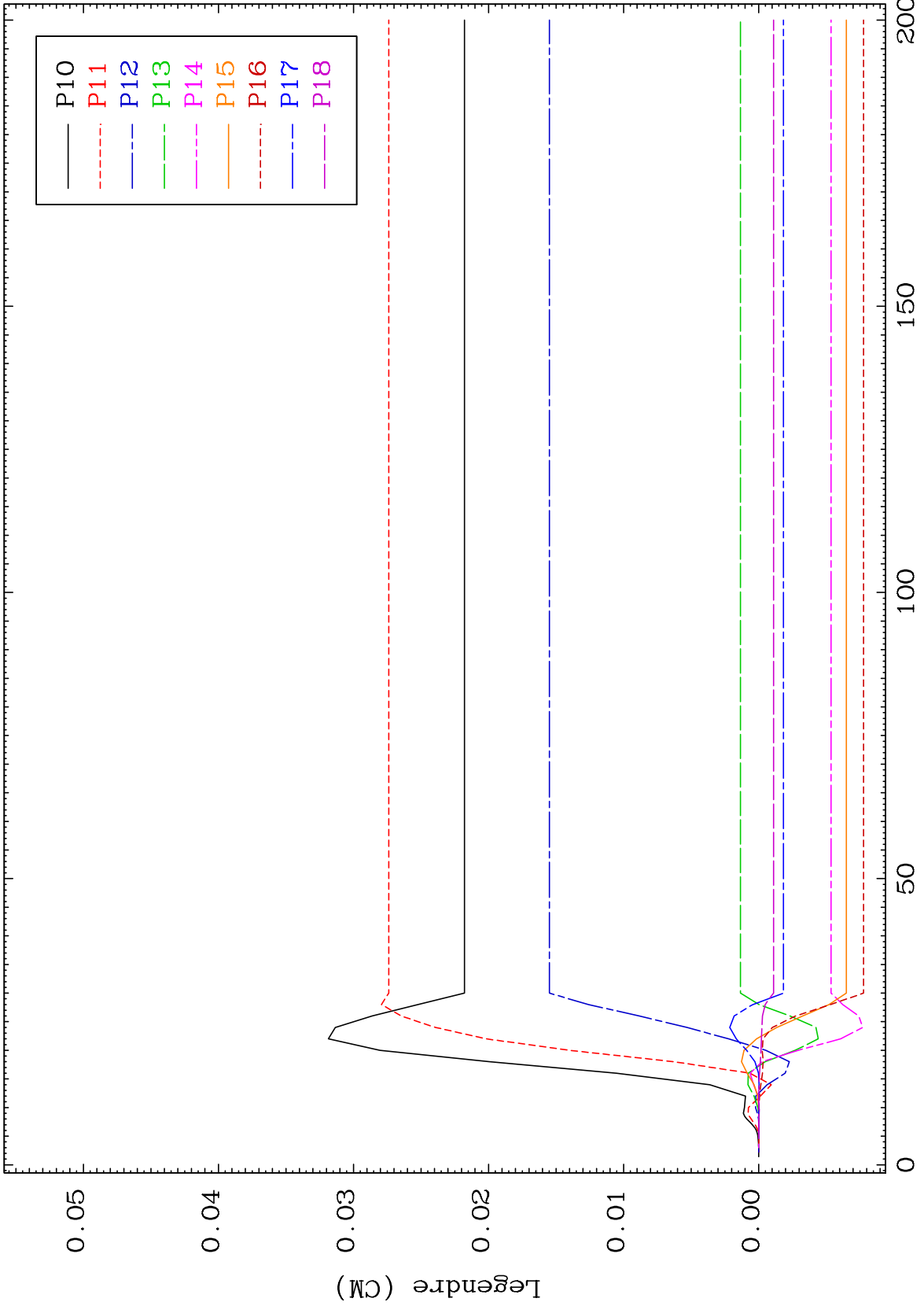
Incident Energy (MeV)

80

MAT 7580

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

76-Os-169



81

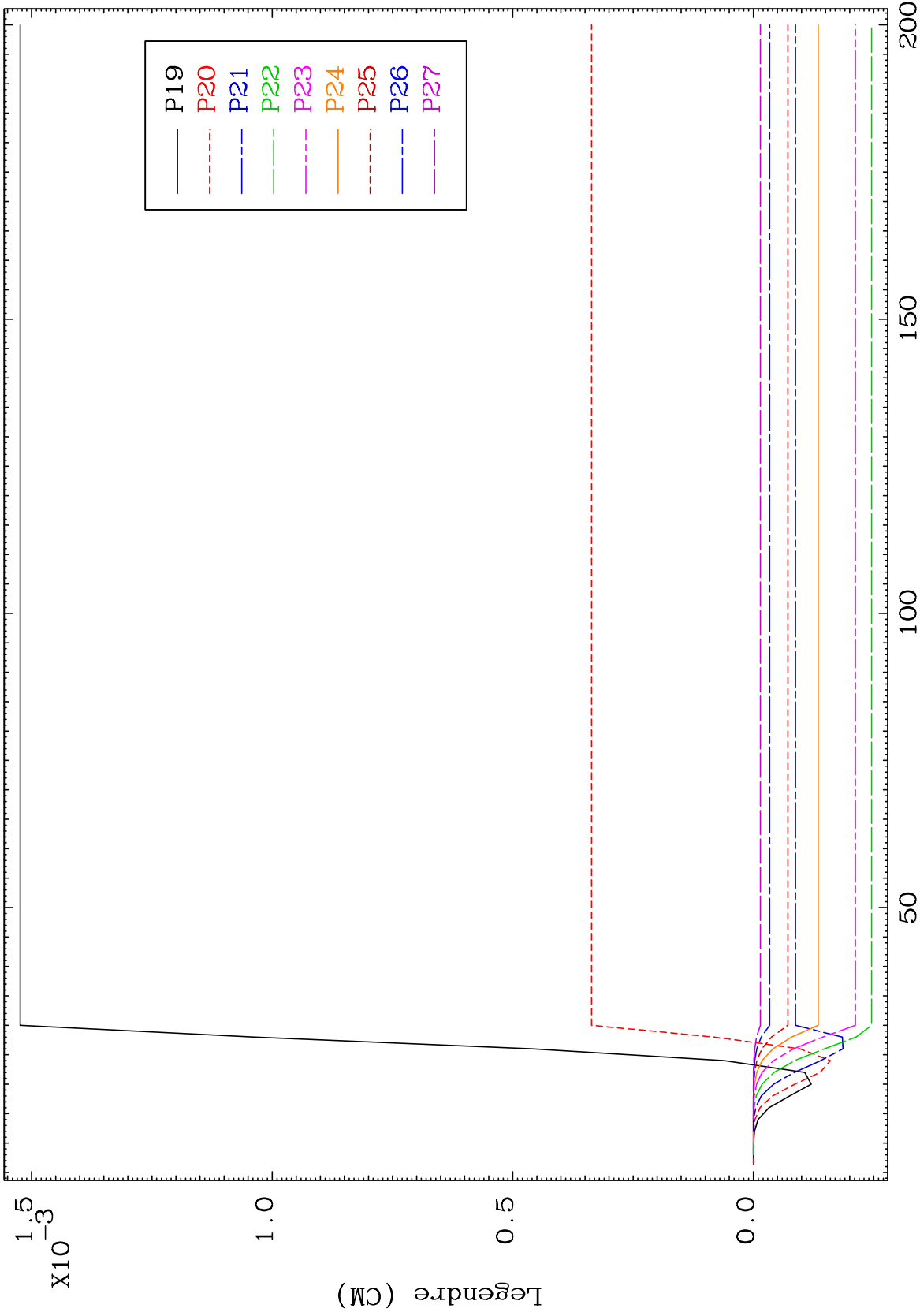
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169

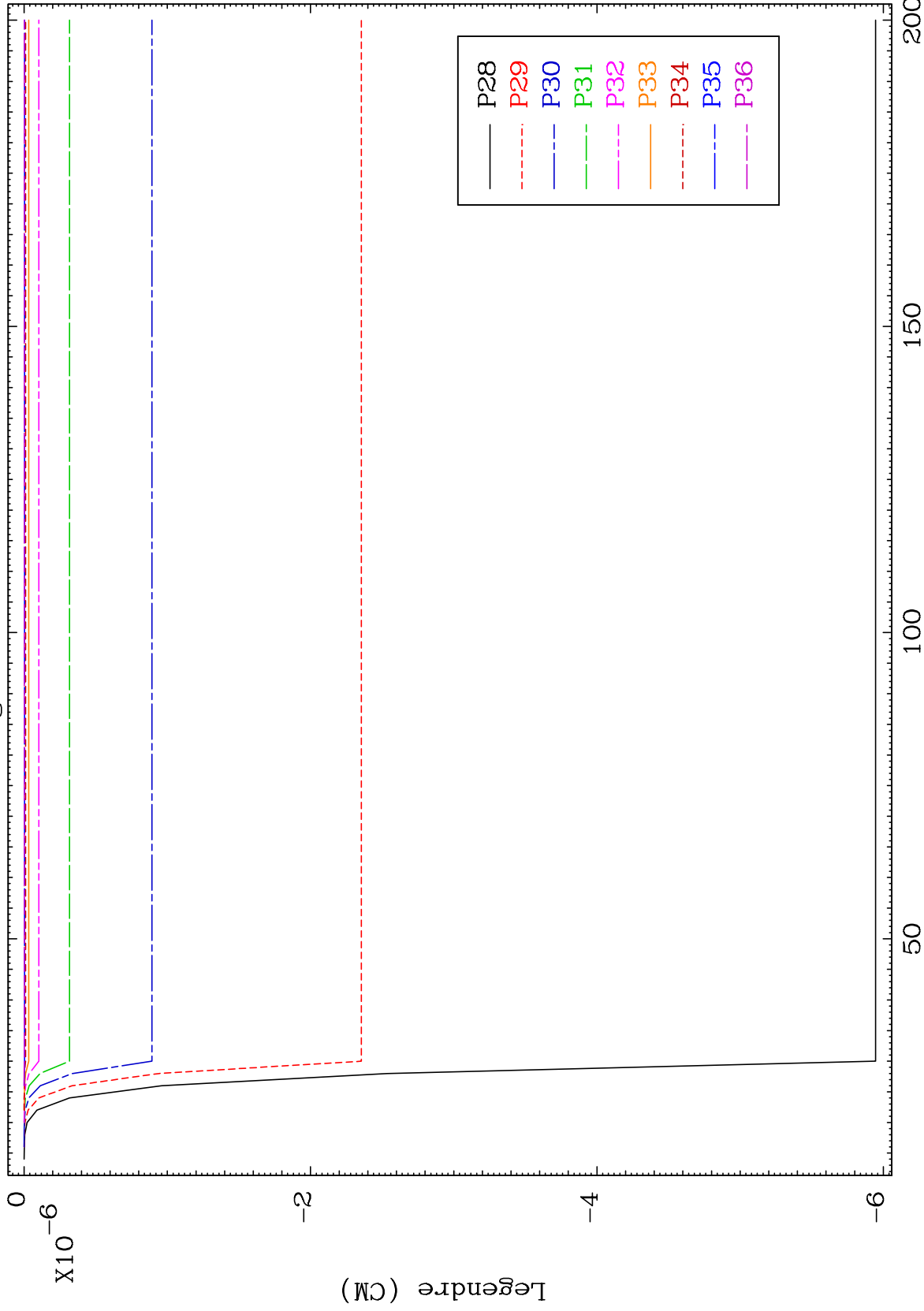


82

76-Os-169

MAT 7580 MT= 66 (n,n') Level 76-Os-169

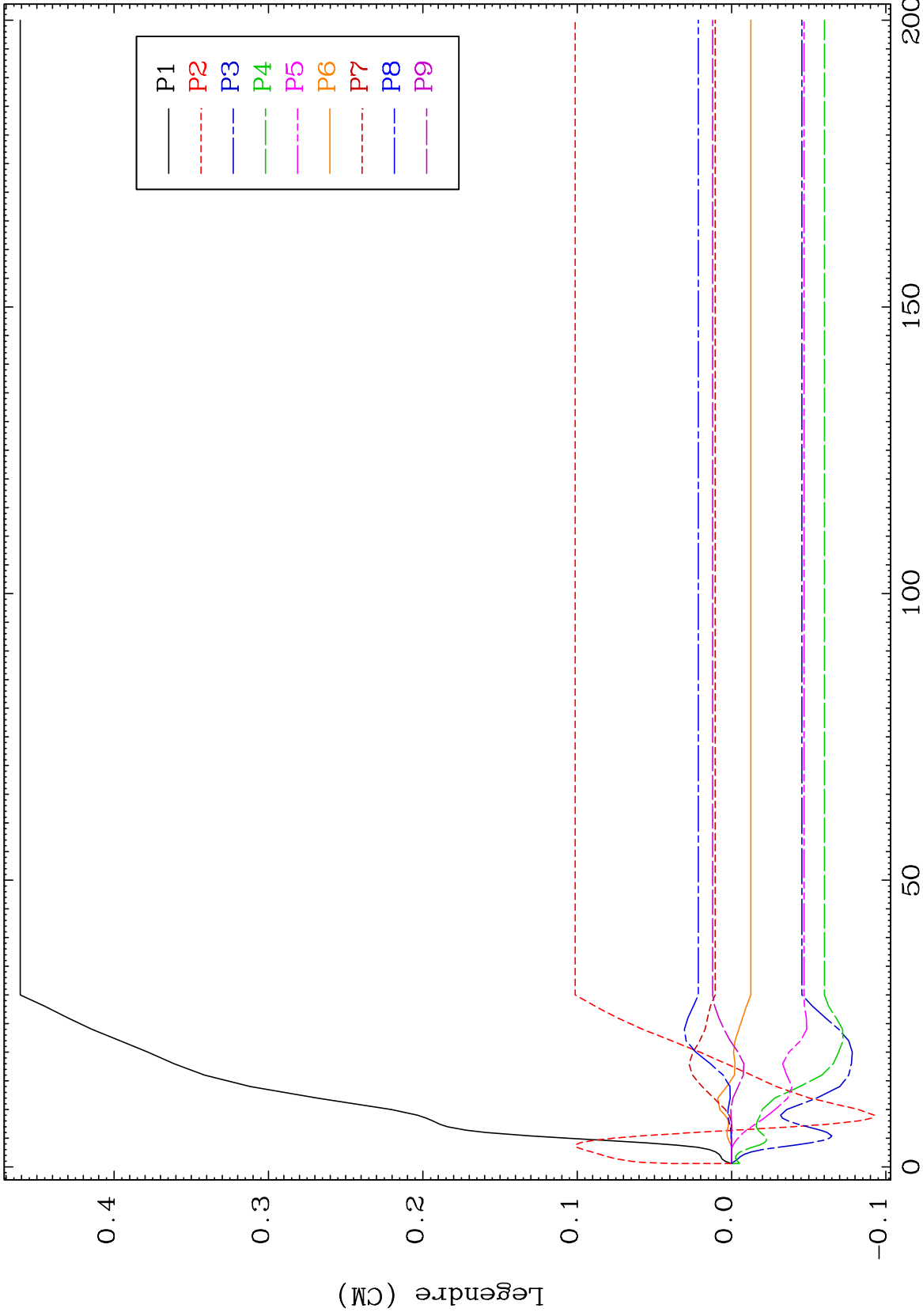
Legendre Coefficients



MAT 7580

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

76-Os-169



84

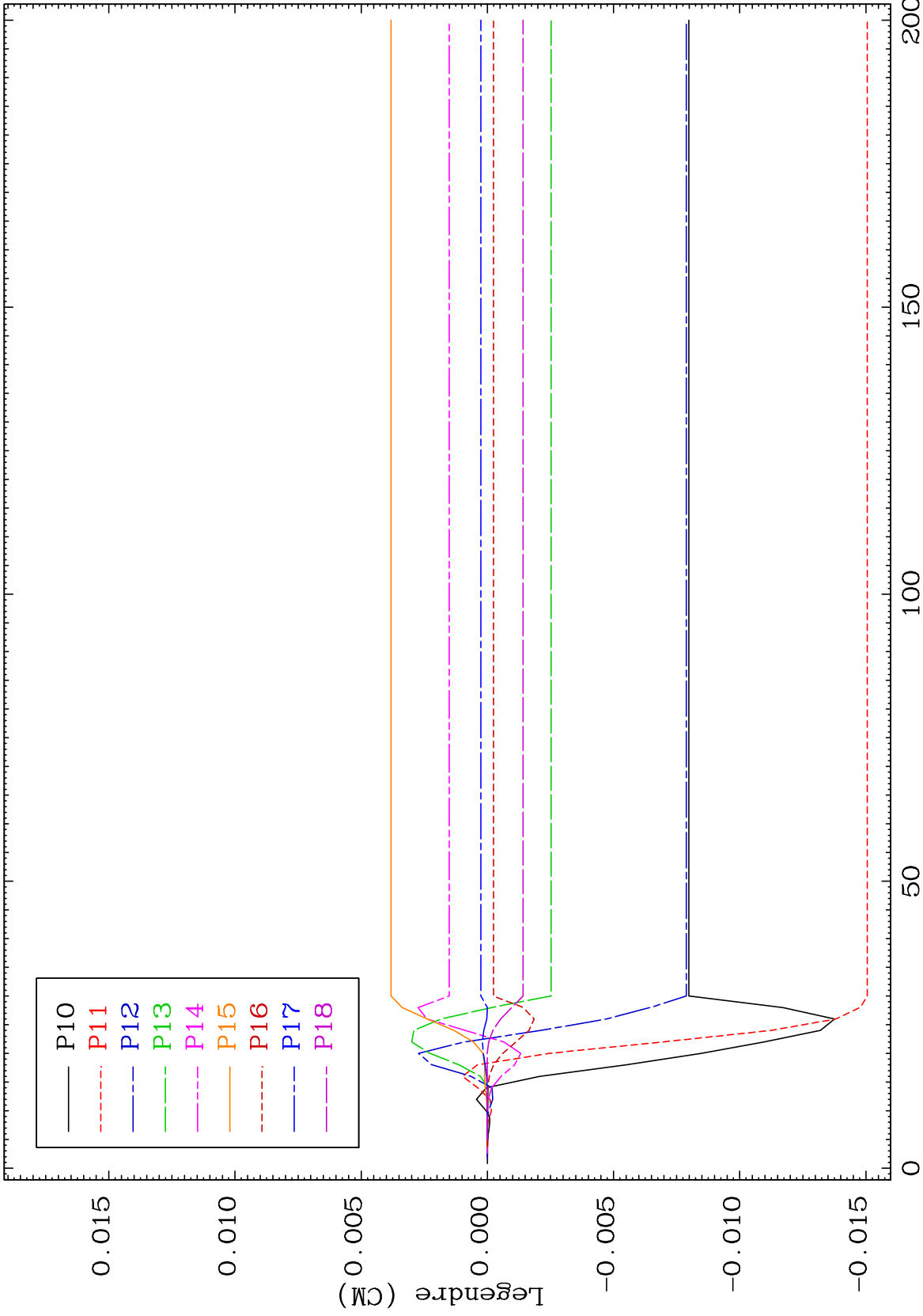
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



85

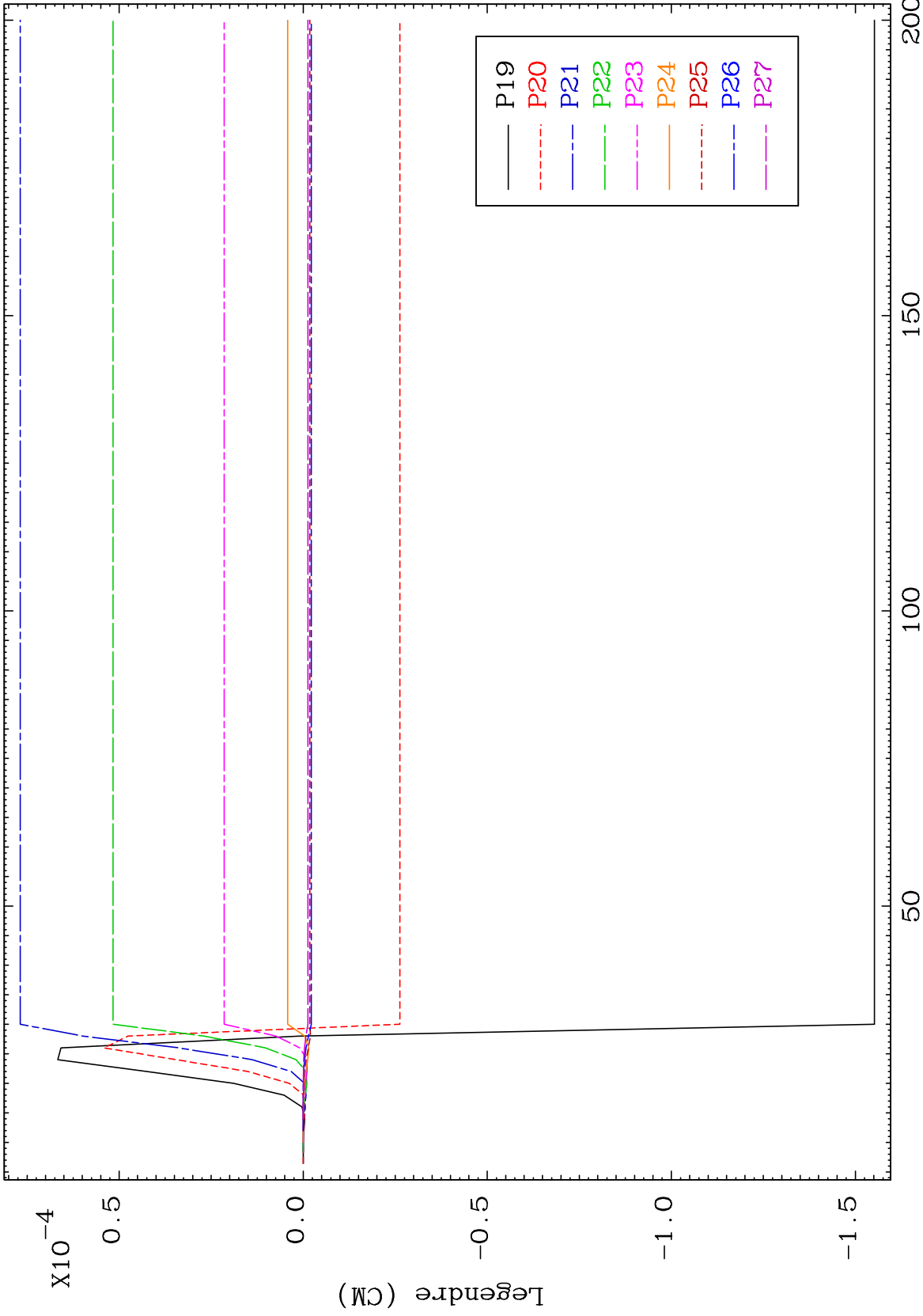
Incident Energy (MeV)

76-Os-169

MAT 7580

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

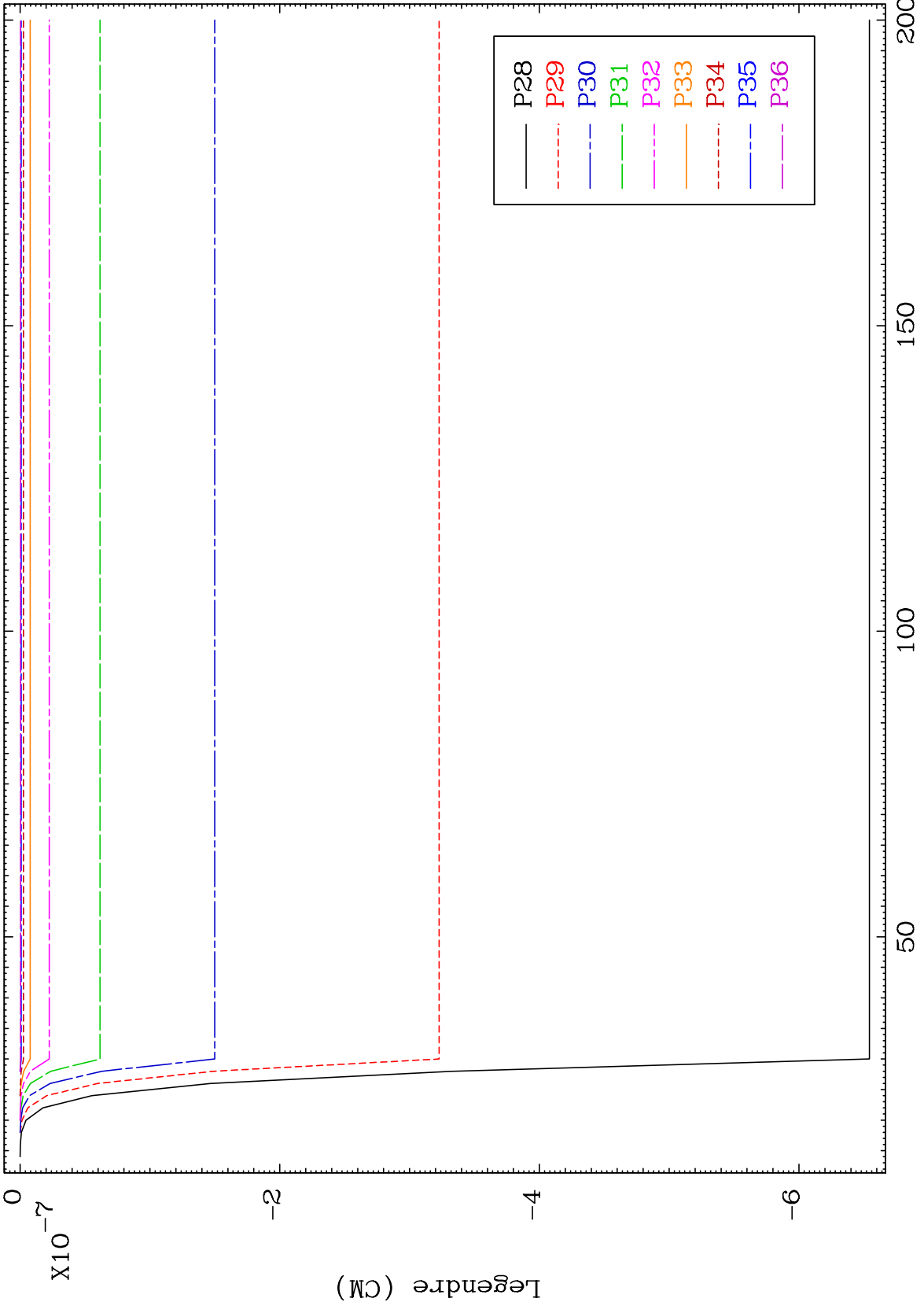
76-Os-169



86

76-Os-169

MAT 7580 MT= 67 (n,n') Level Legendre Coefficients 76-Os-169

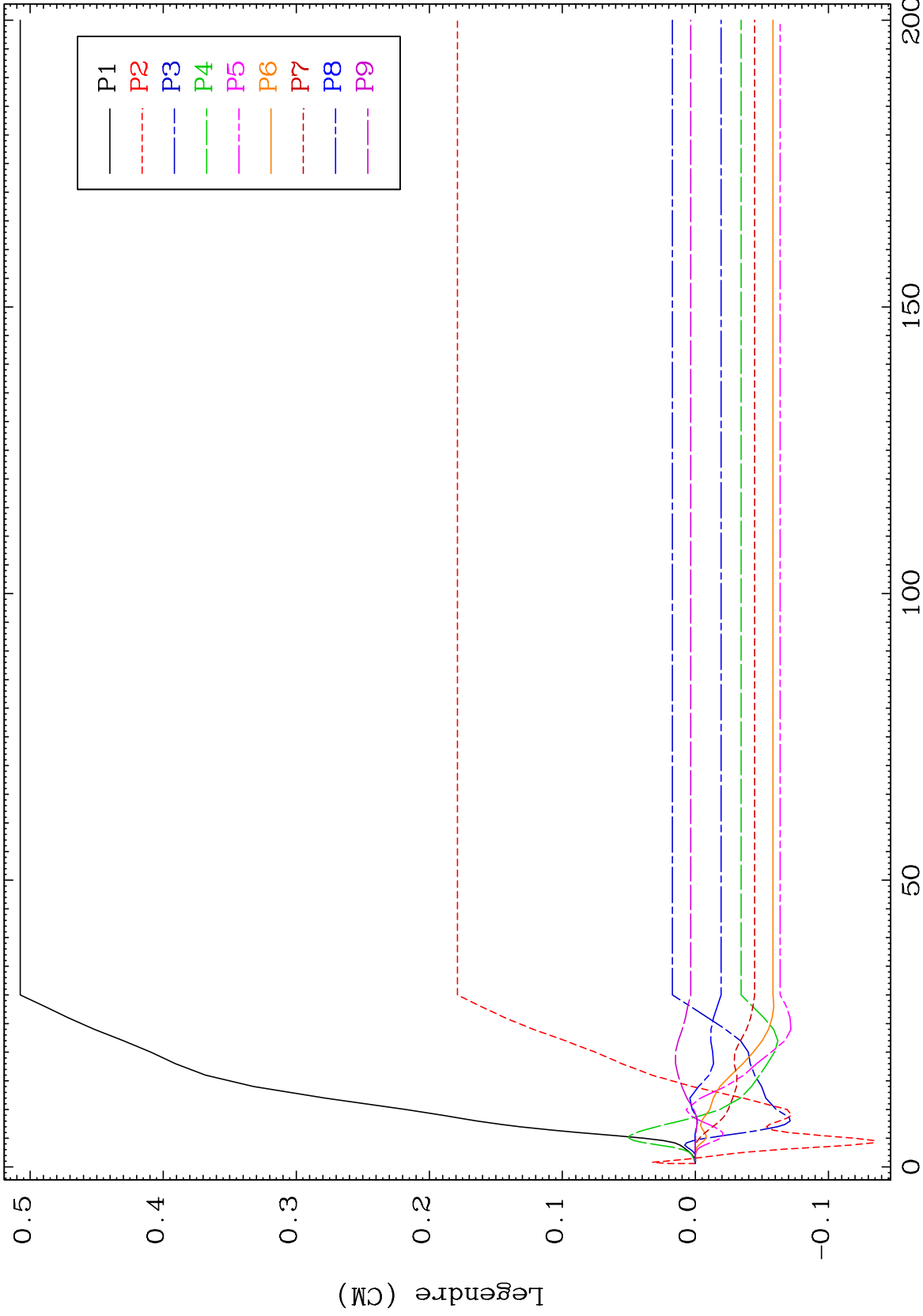




MAT 7580

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

76-Os-169



88

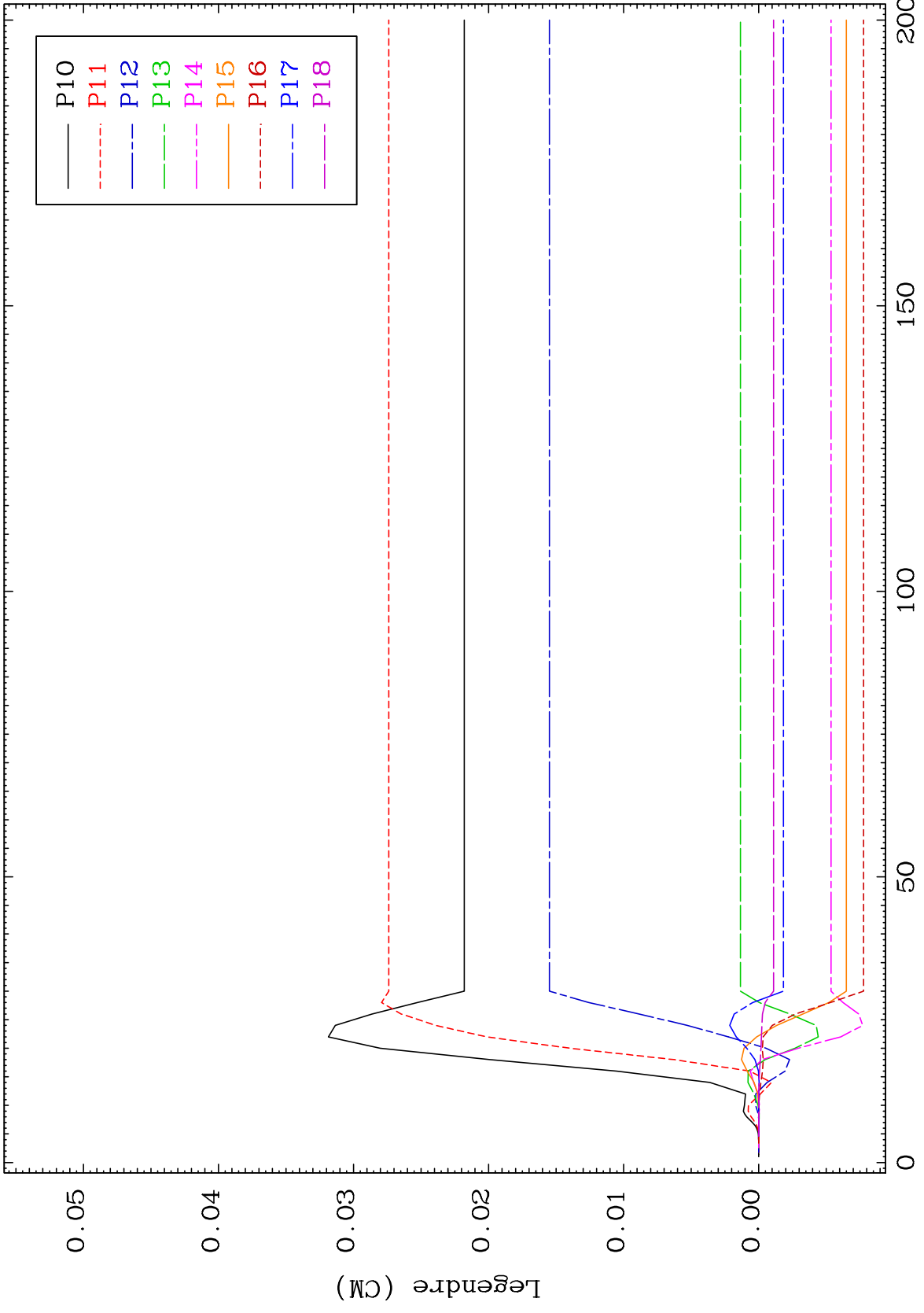
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



89

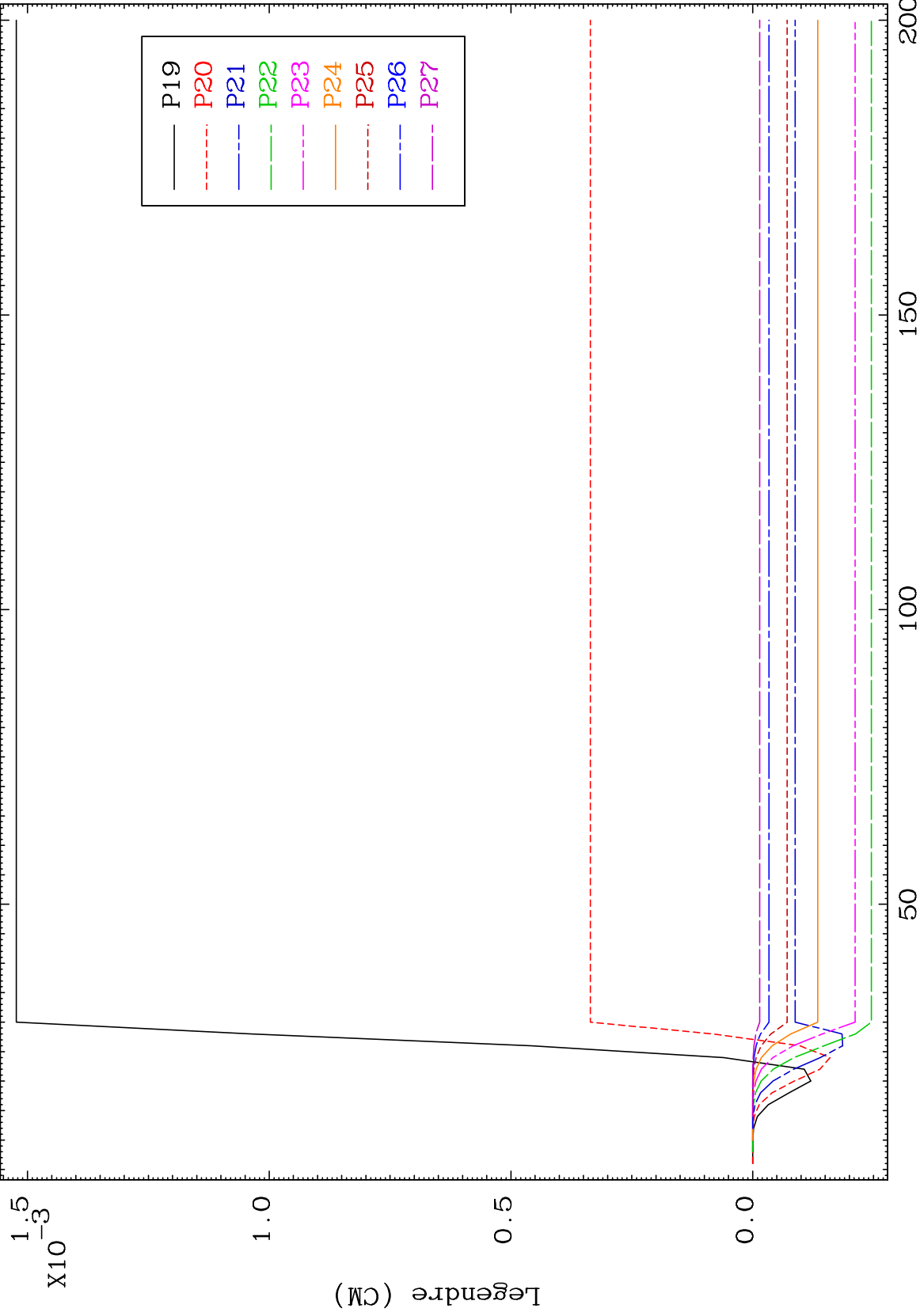
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



90

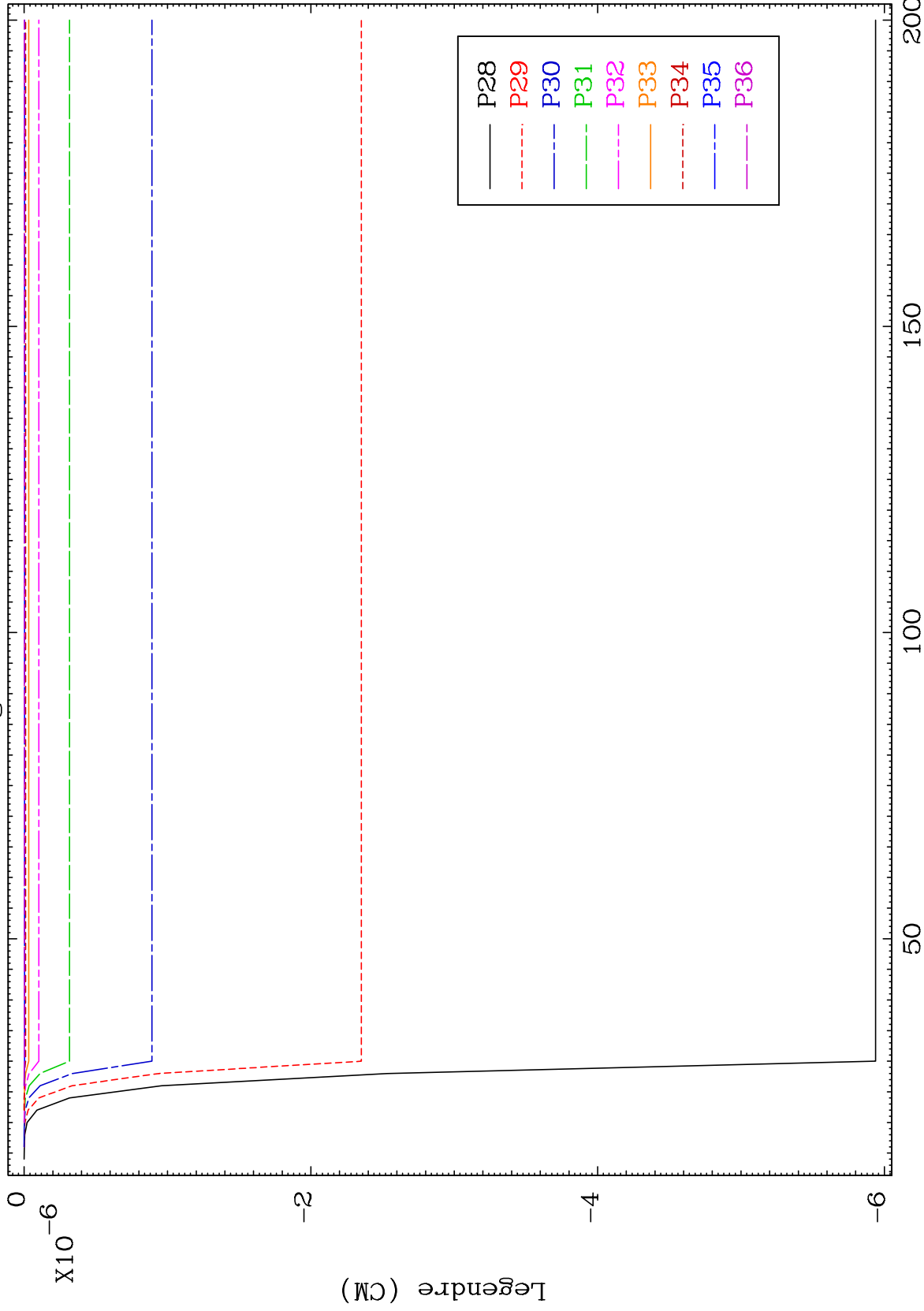
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



76-Os-169

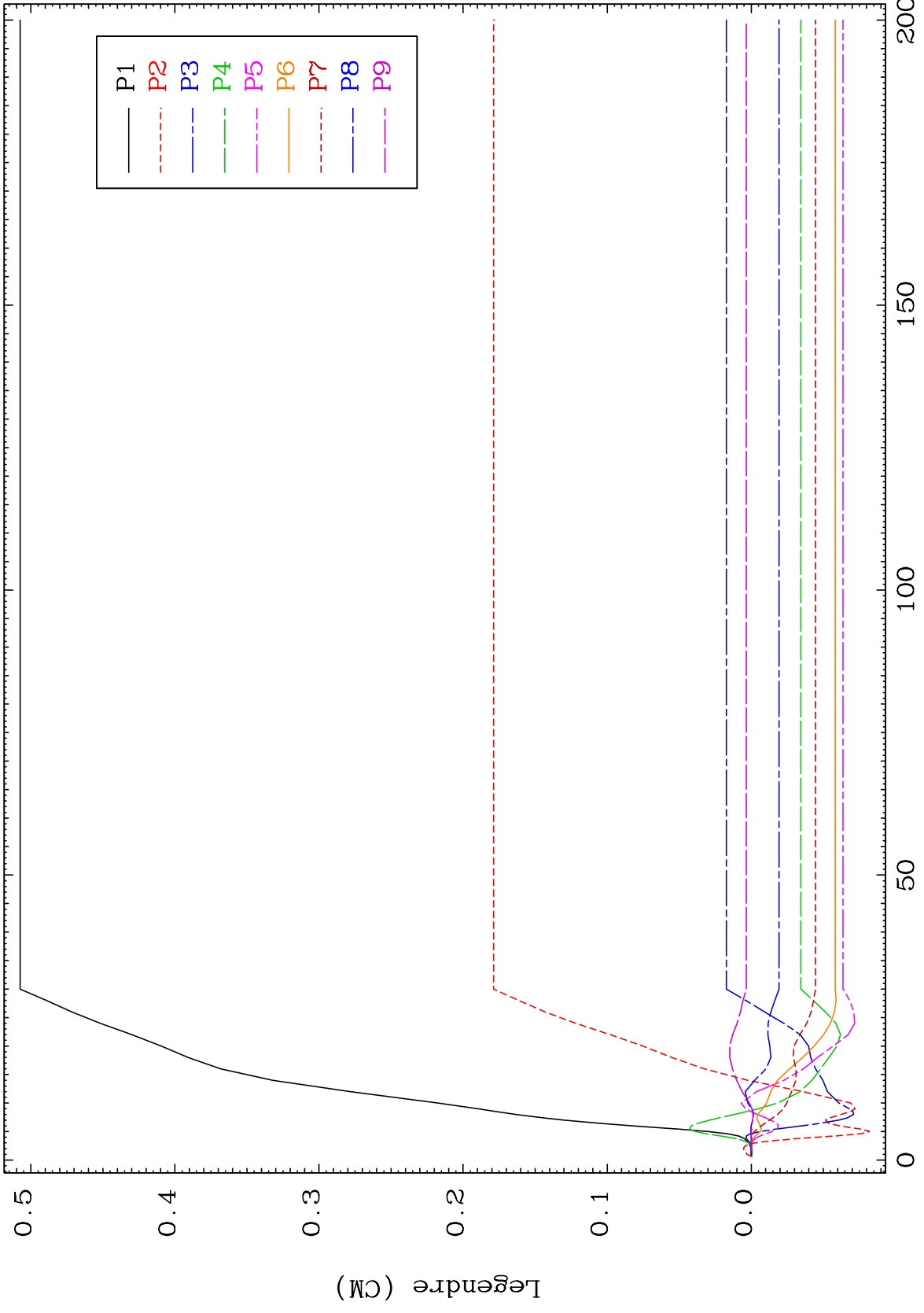
Incident Energy (MeV)

91

MAT 7580

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

76-Os-169



92

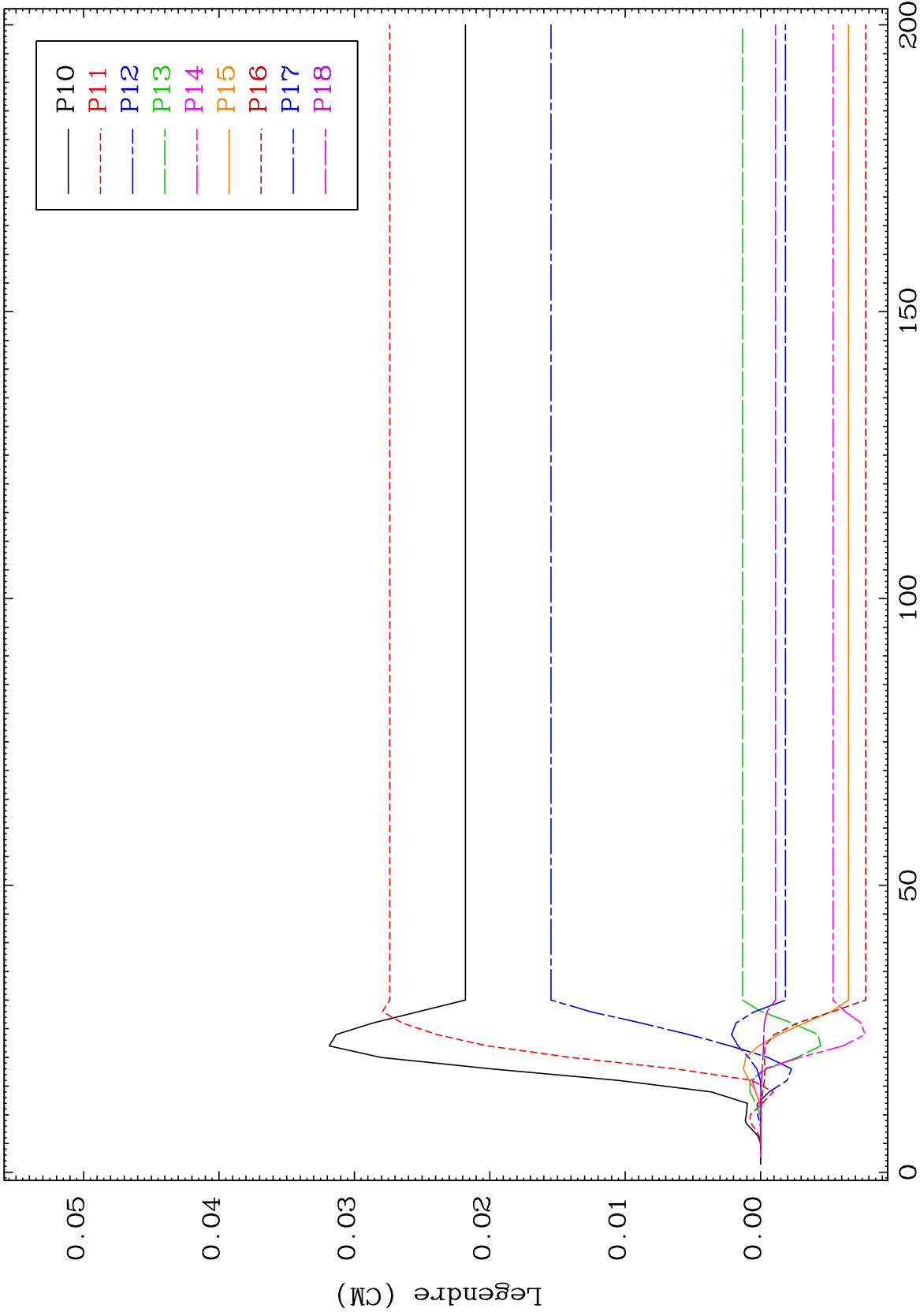
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169



93

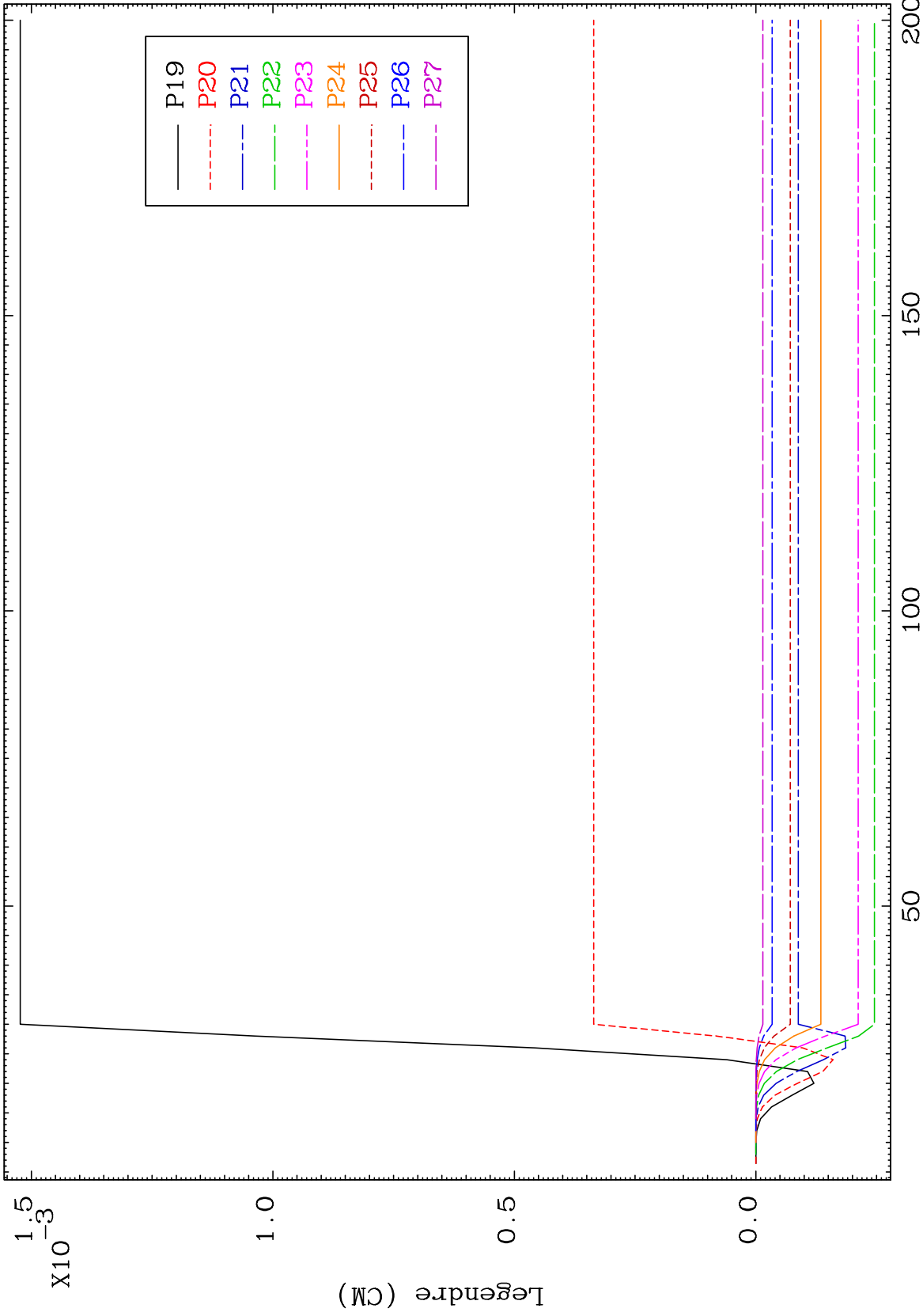
Incident Energy (MeV)

76-Os-169

MAT 7580

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

76-Os-169

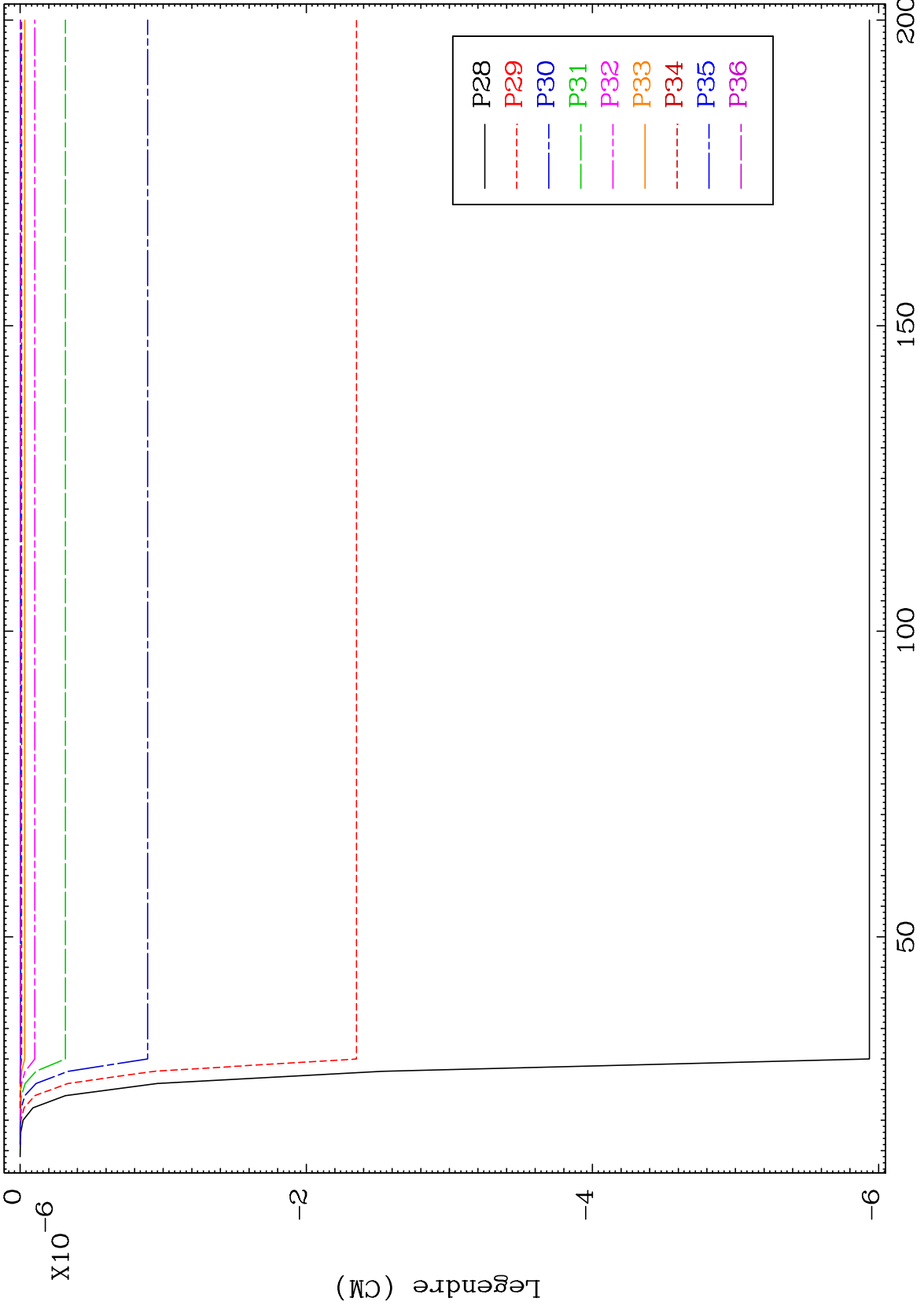


94

Incident Energy (MeV)

76-Os-169

MAT 7580 MT= 69 (n,n') Level Legendre Coefficients 76-Os-169



95 76-Os-169

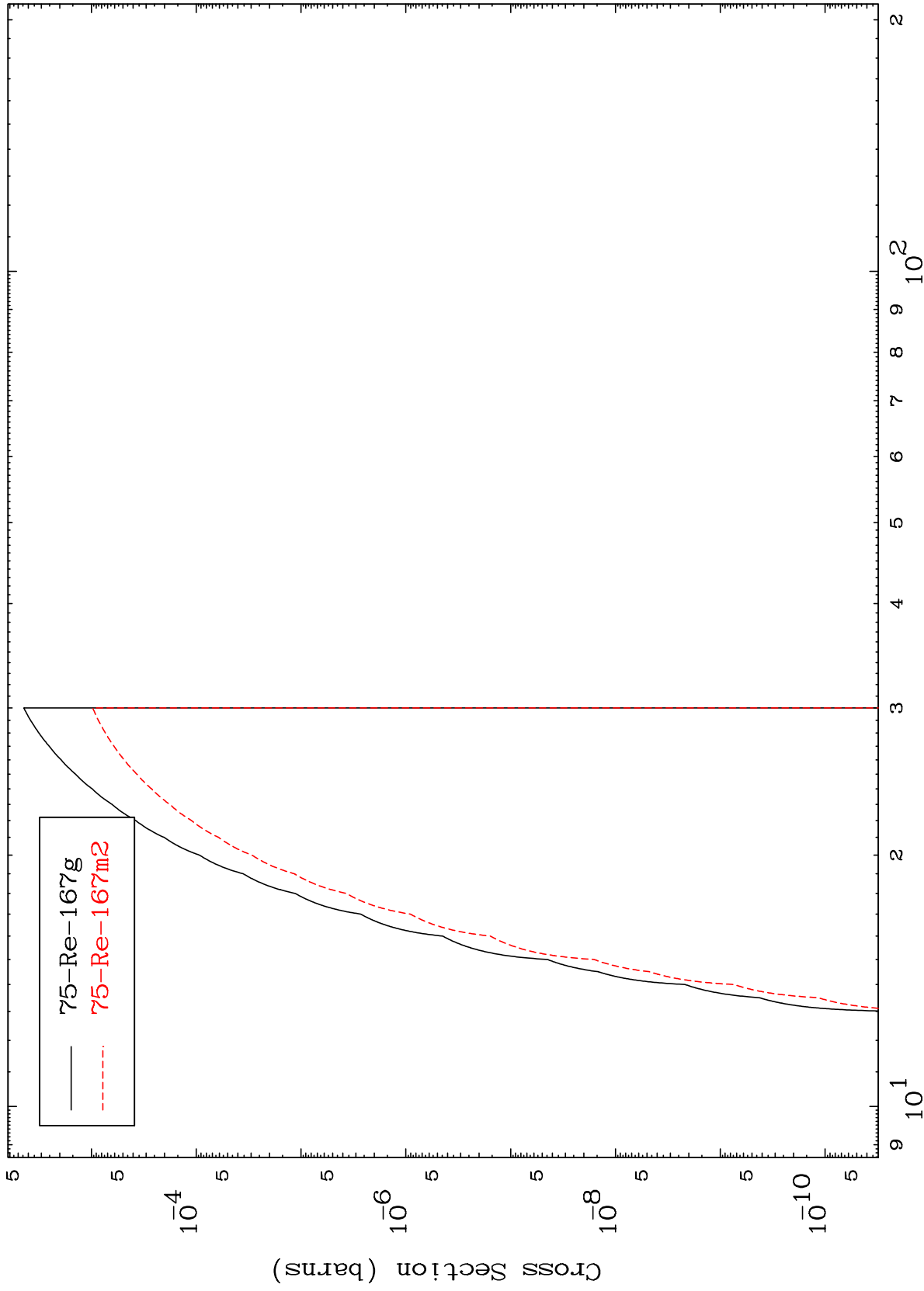


MAT 7580

(n,n') d

76-Os-169

Radionuclide Production Cross Section



96

Incident Energy (MeV)

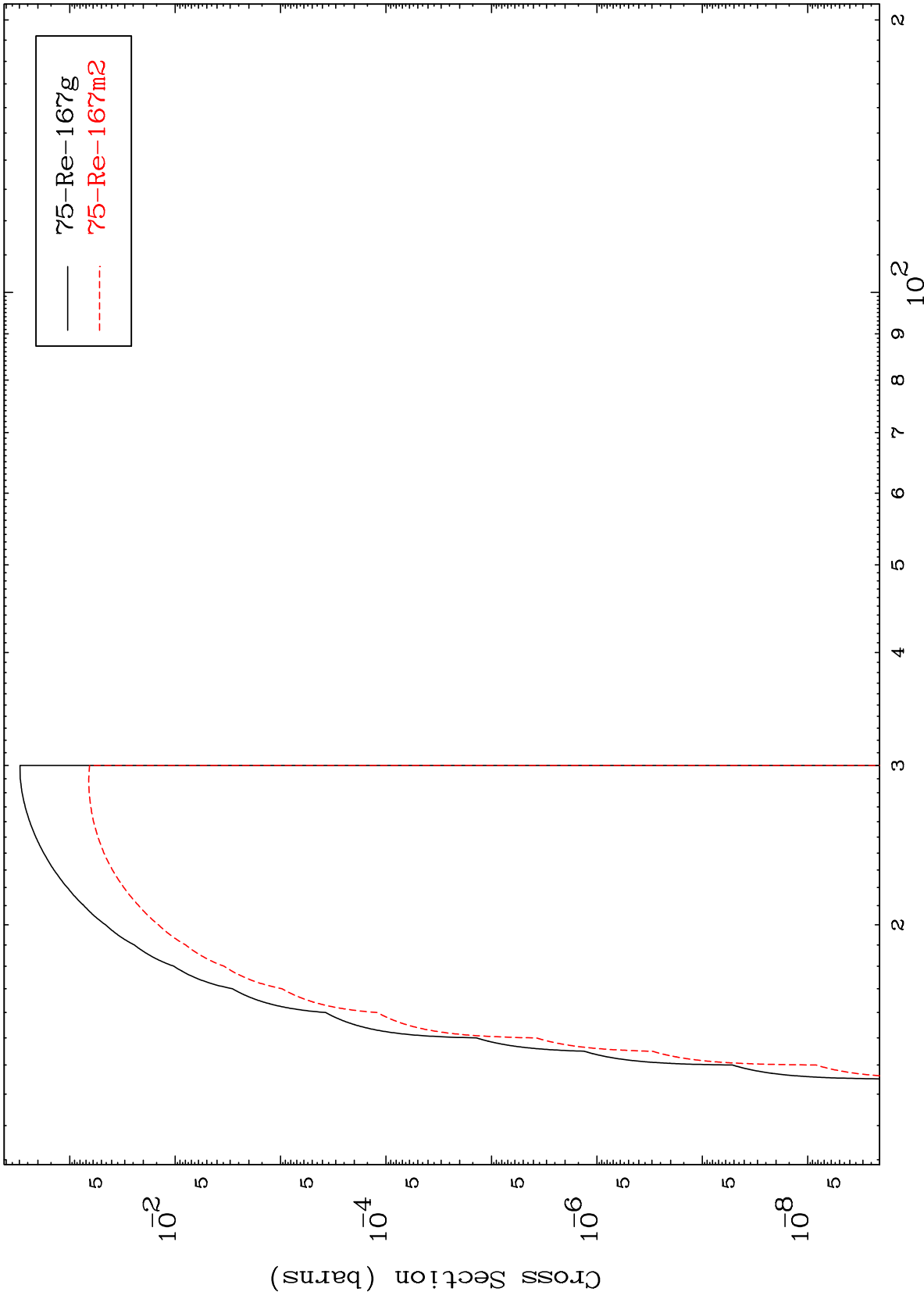
76-Os-169

MAT 7580

(n,2n) p

76-Os-169

Radionuclide Production Cross Section



97

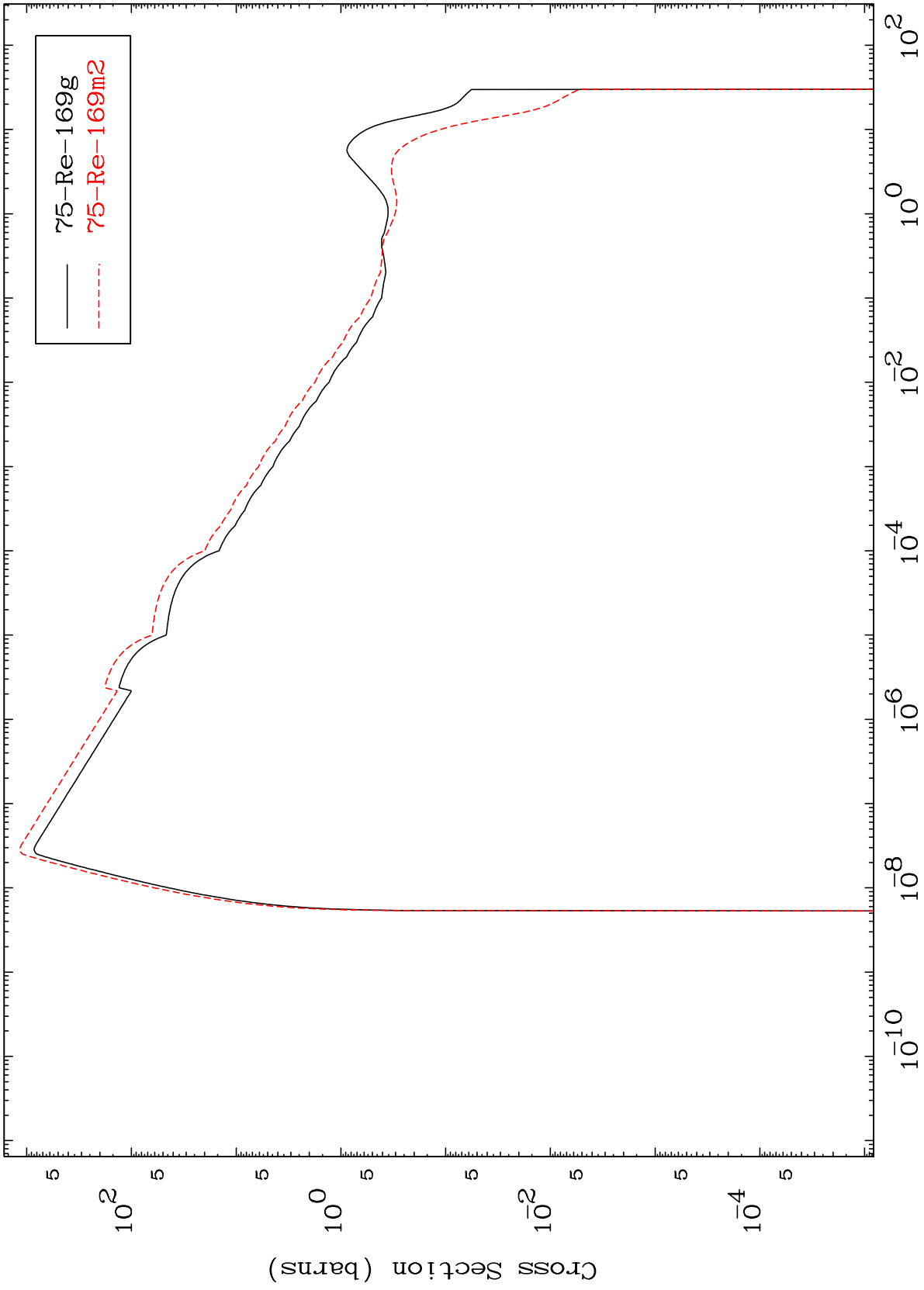
Incident Energy (MeV)

76-Os-169

MAT 7580

76-Os-169

(n,p)  
Radionuclide Production Cross Section



98

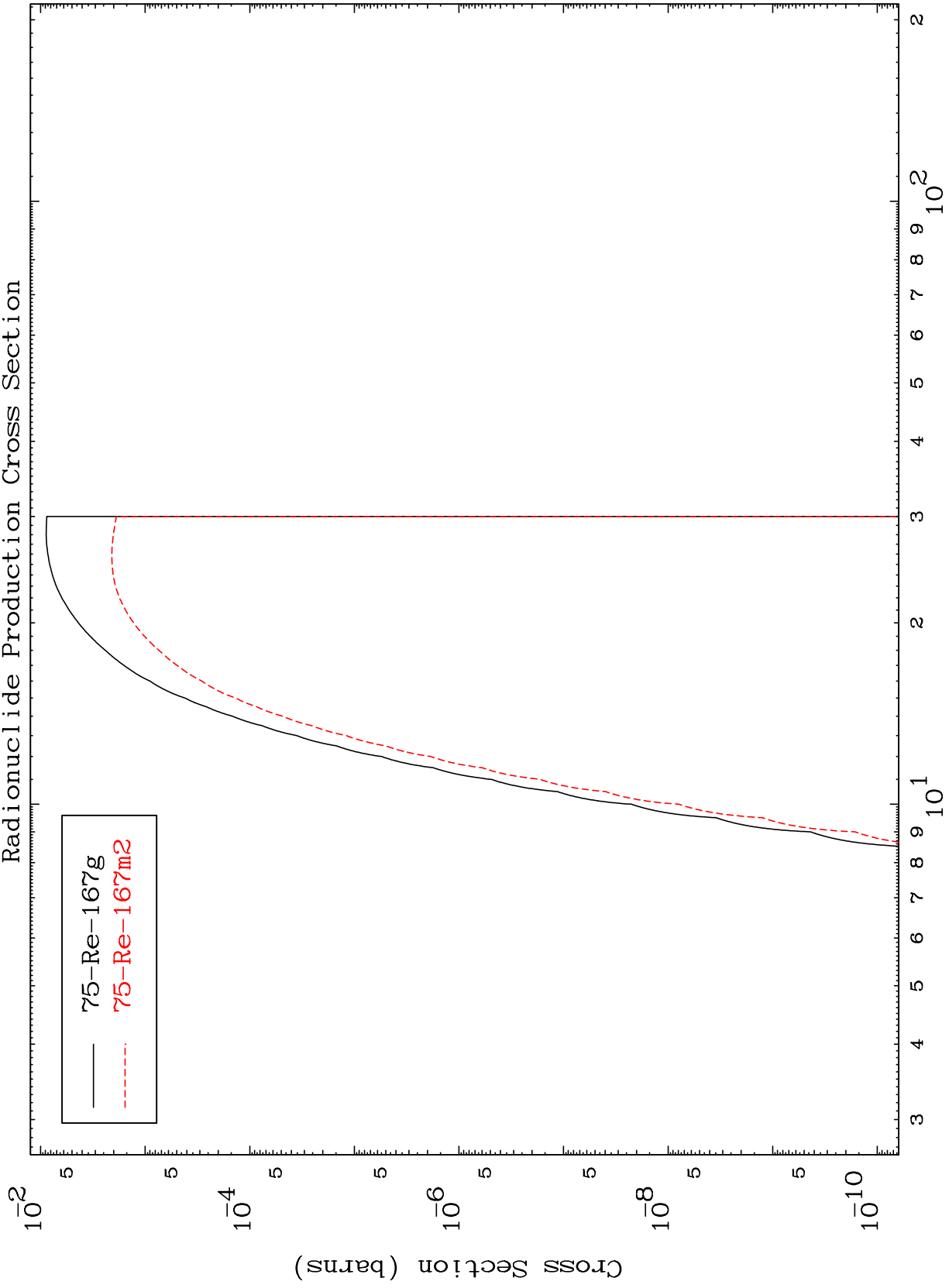
76-Os-169

MAT 7580

(n, t)

76-Os-169

Radionuclide Production Cross Section



99

76-Os-169

MAT 7580

(n,d)  $2\alpha$

76-Os-169

Radionuclide Production Cross Section

