

Program EVALPLOT
(Version 2018-1)

by

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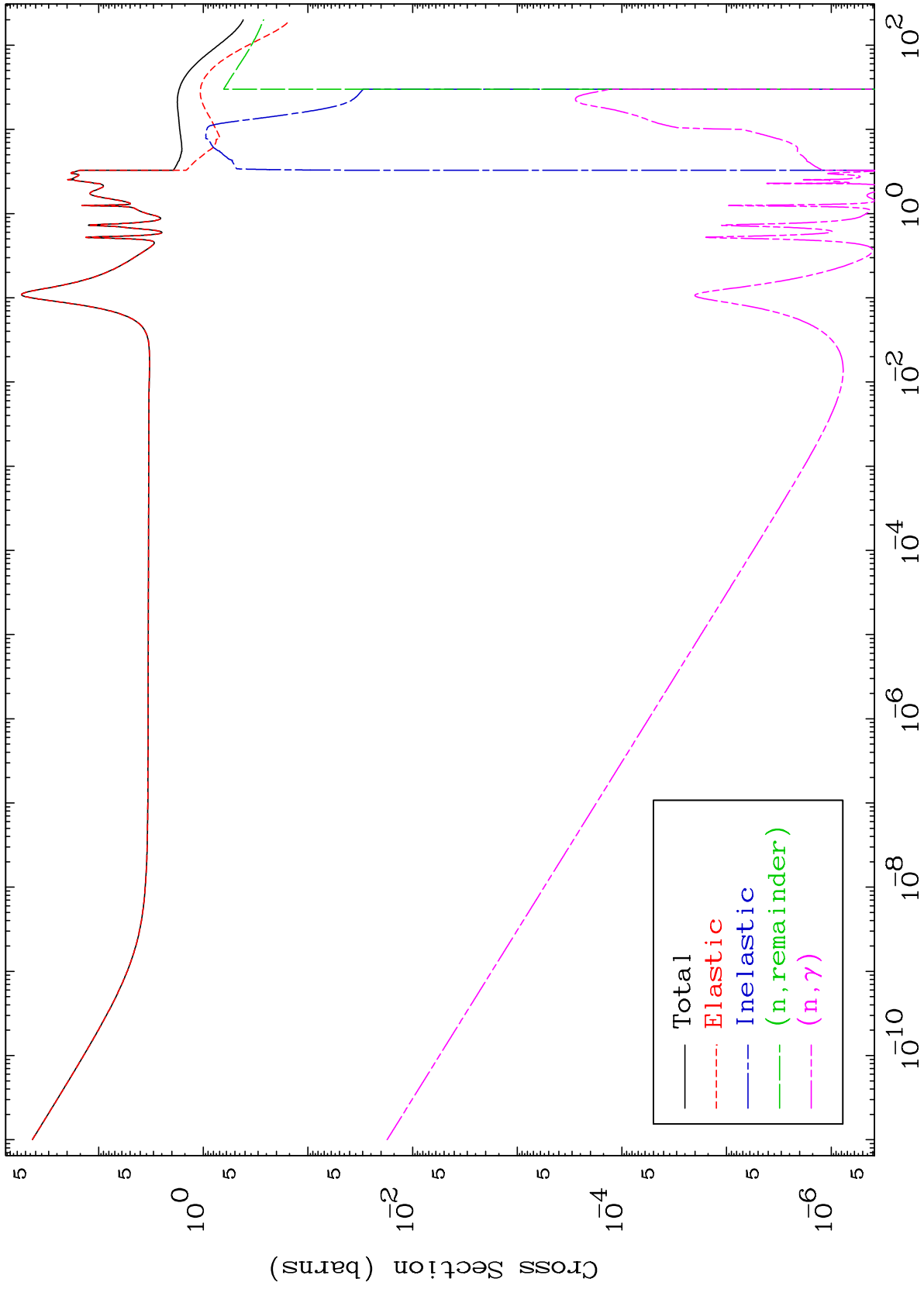
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 837

Major
293 Kelvin Cross Sections

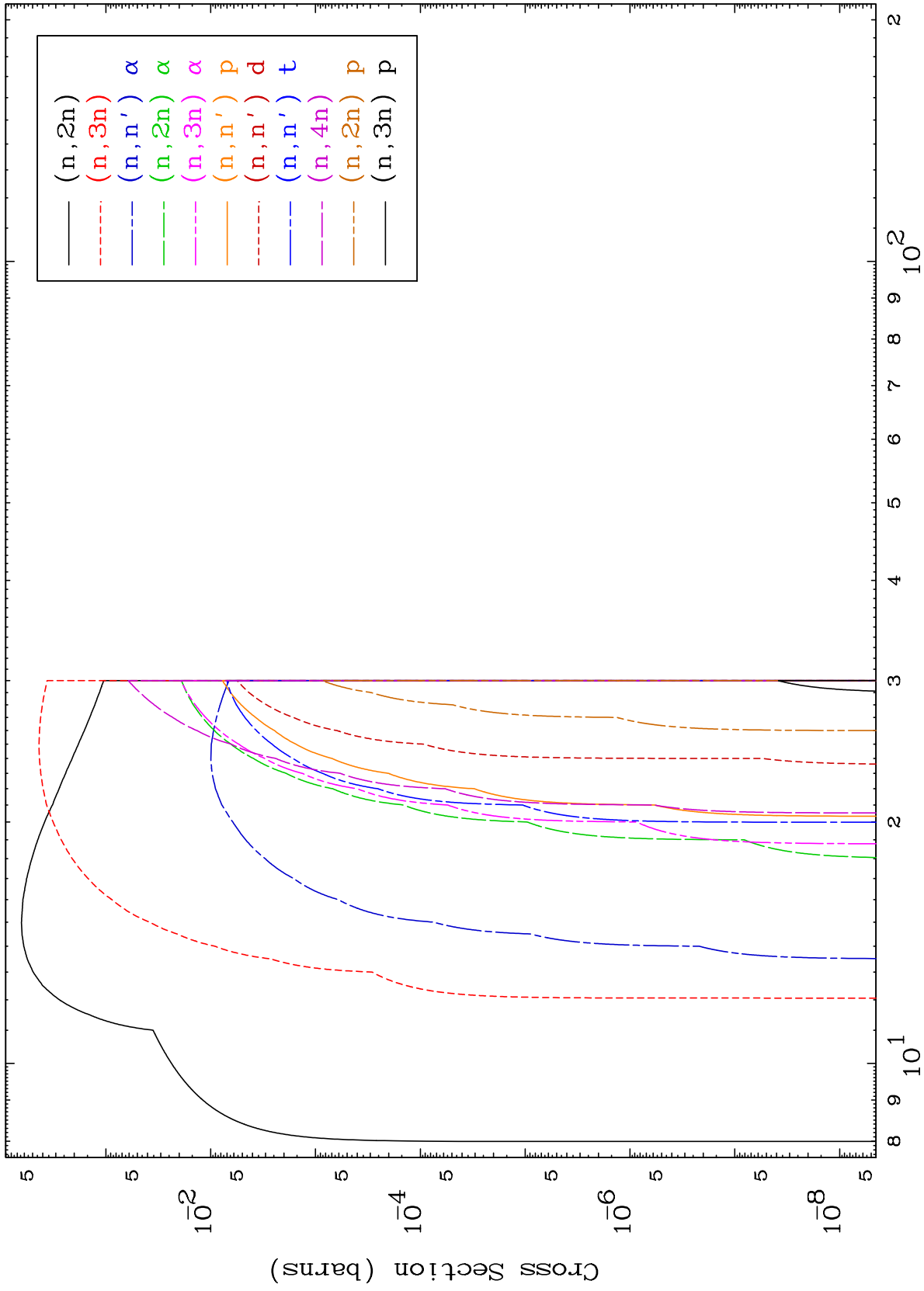
8-0 -20



MAT 837

Neutron Production
293 Kelvin Cross Sections

8-0 -20



2

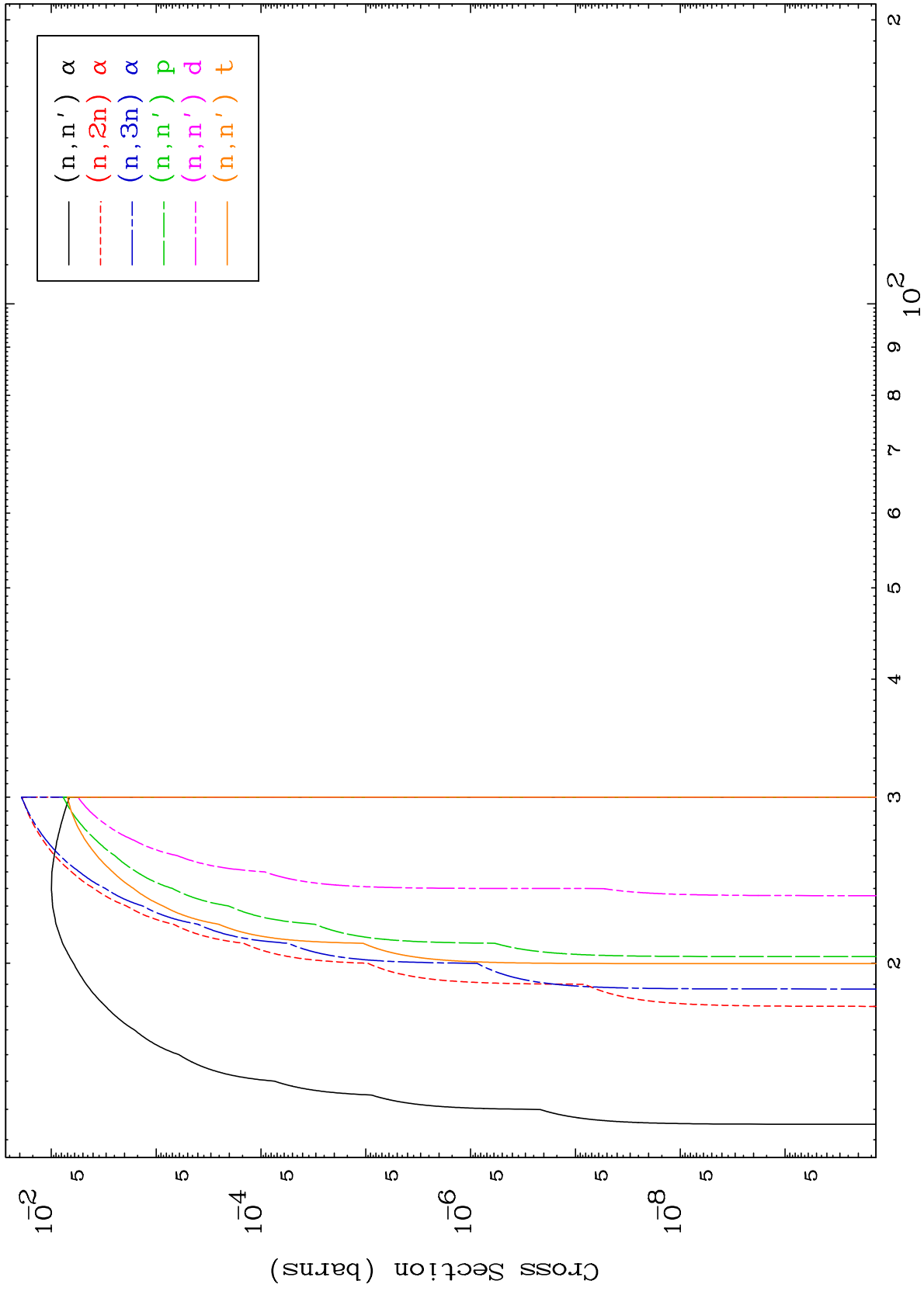
Incident Energy (MeV)

8-0 -20

MAT 837

293 Kelvin Cross Sections

8-0 -20



3

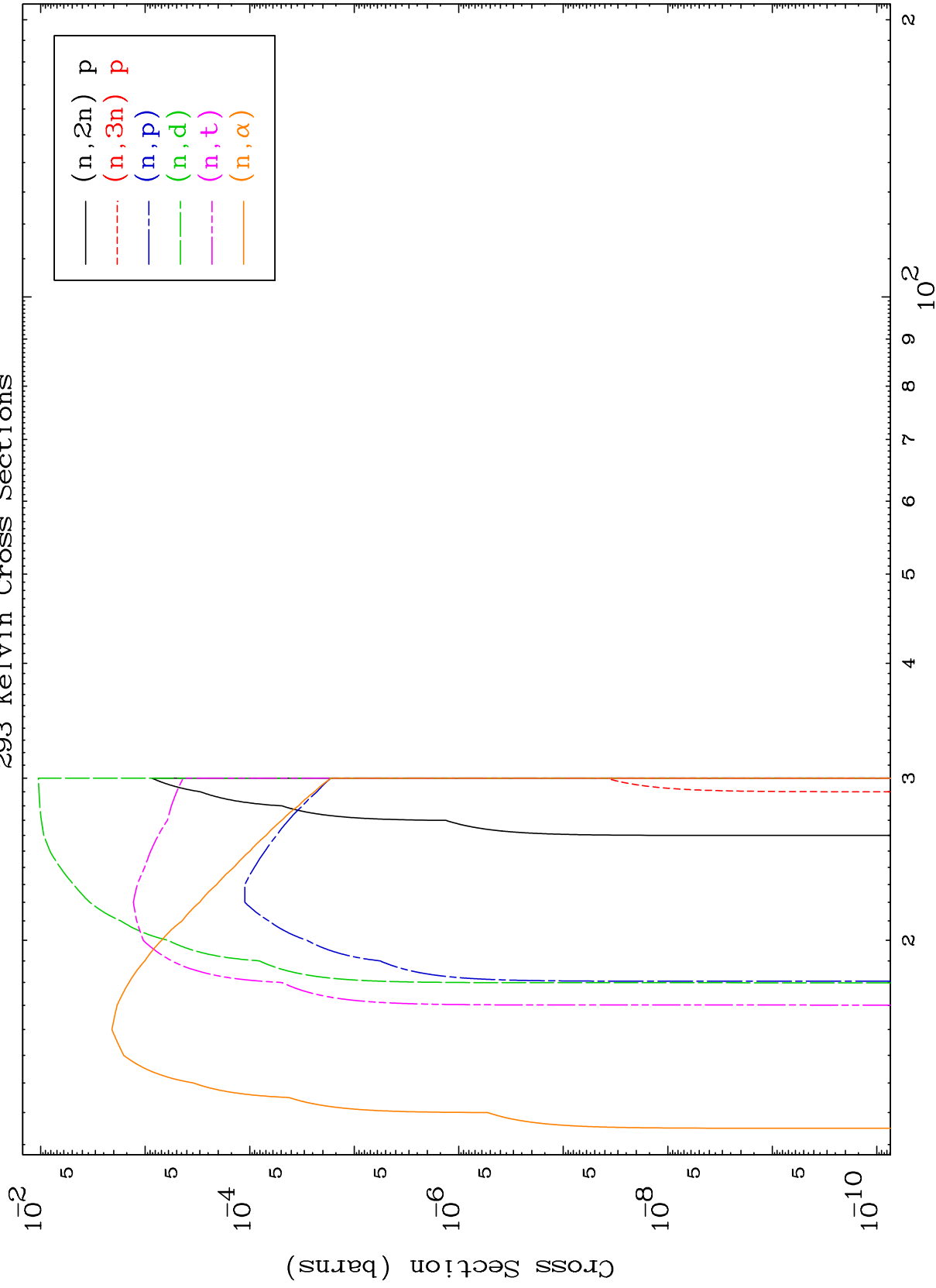
Incident Energy (MeV)

8-0 -20

MAT 837

293 Kelvin Cross Sections

8-0 -20



4

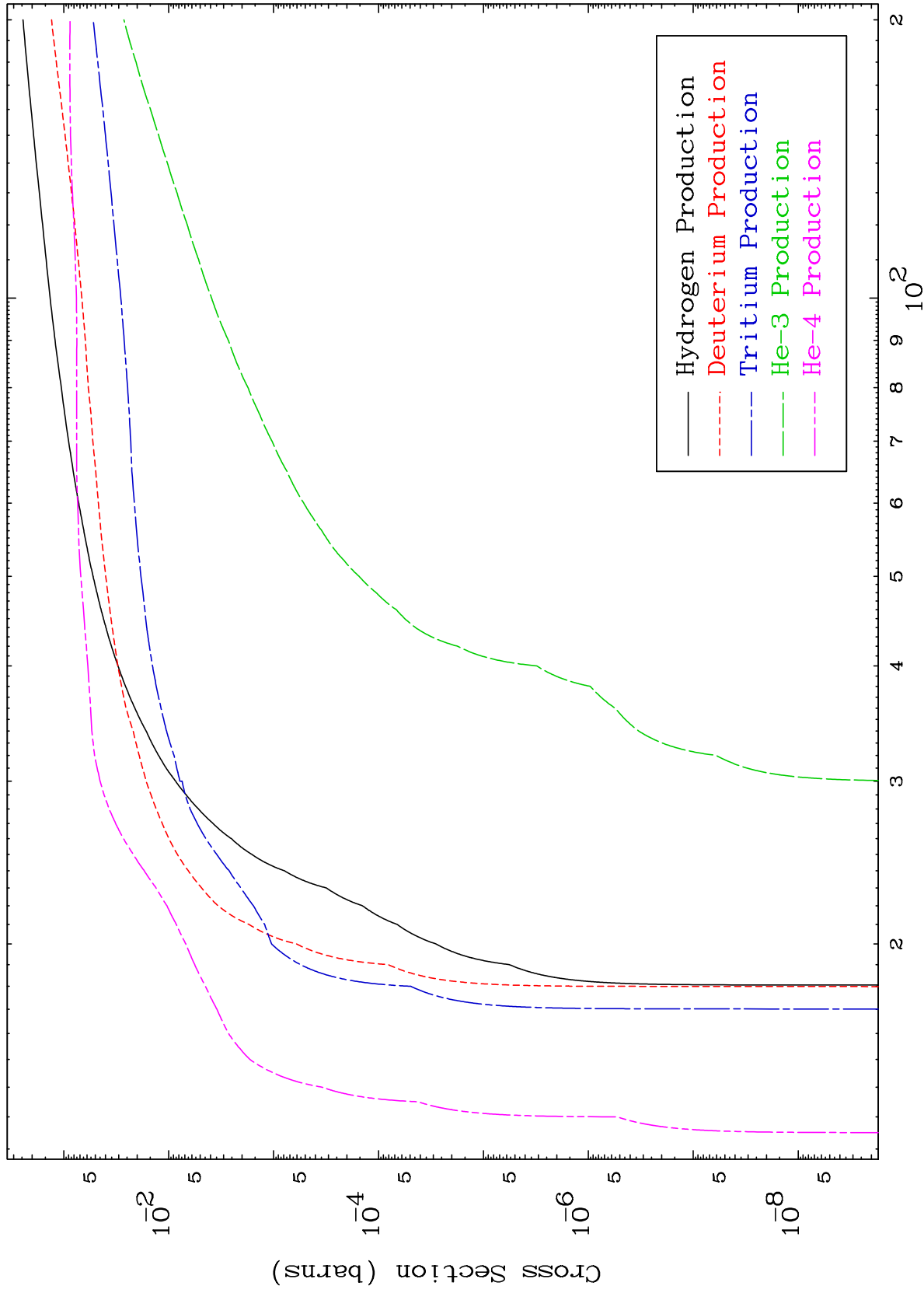
Incident Energy (MeV)

8-0 -20

MAT 837

Particle Production
293 Kelvin Cross Sections

8-0 -20



5

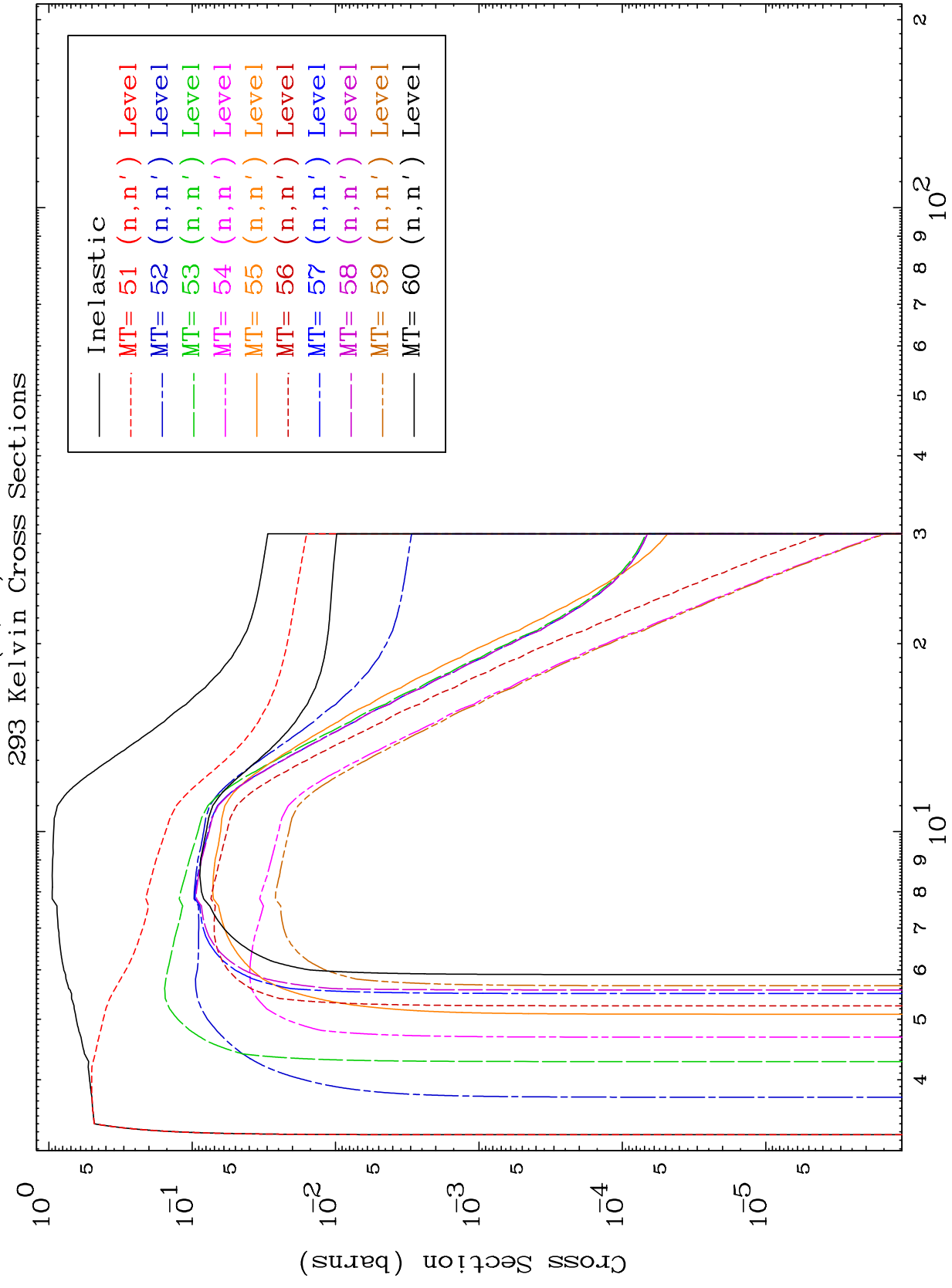
Incident Energy (MeV)

8-0 -20

MAT 837

(n,n') Level

8-0 -20

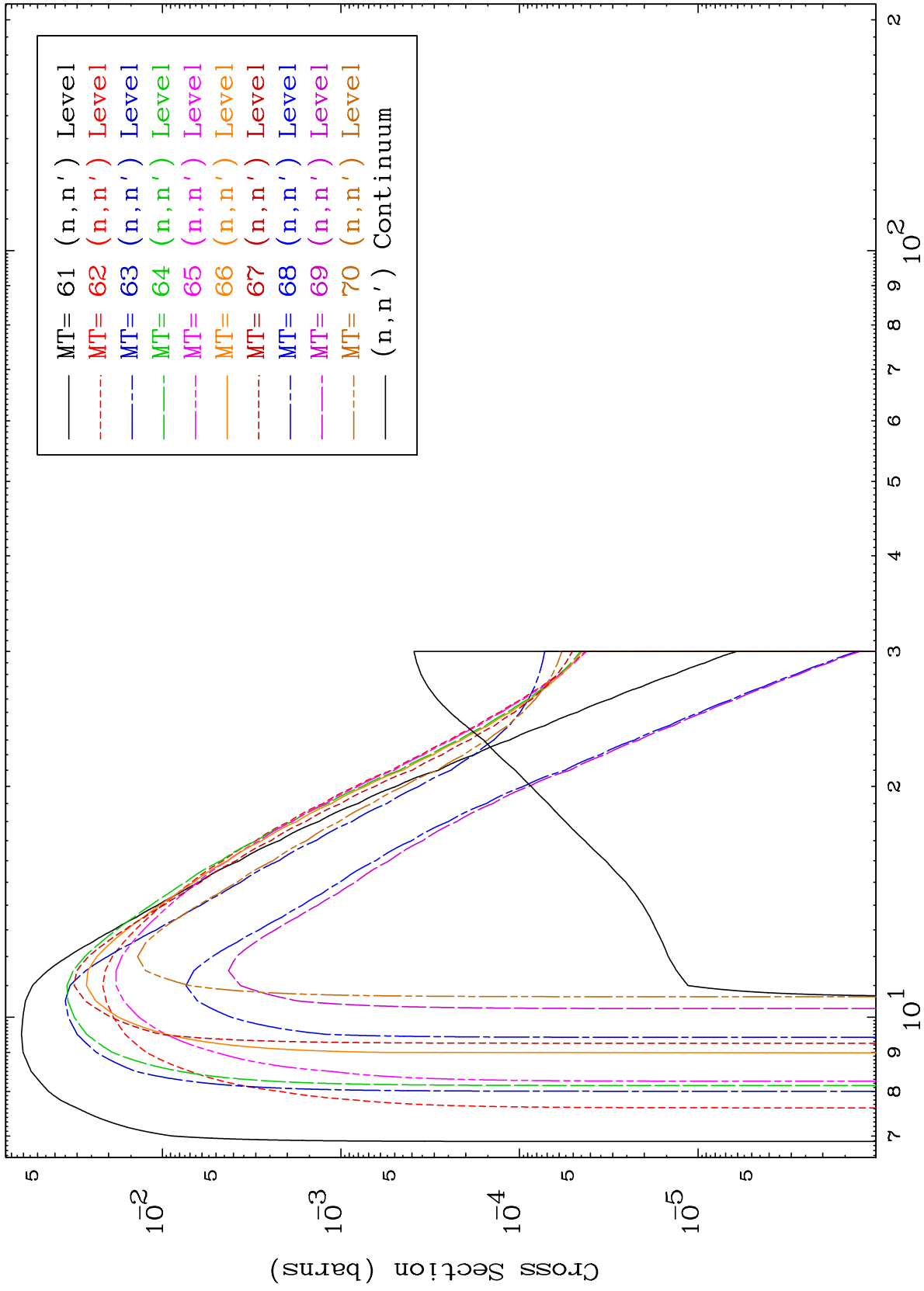


6

MAT 837

(n,n') Level
293 Kelvin Cross Sections

8-0 -20



7

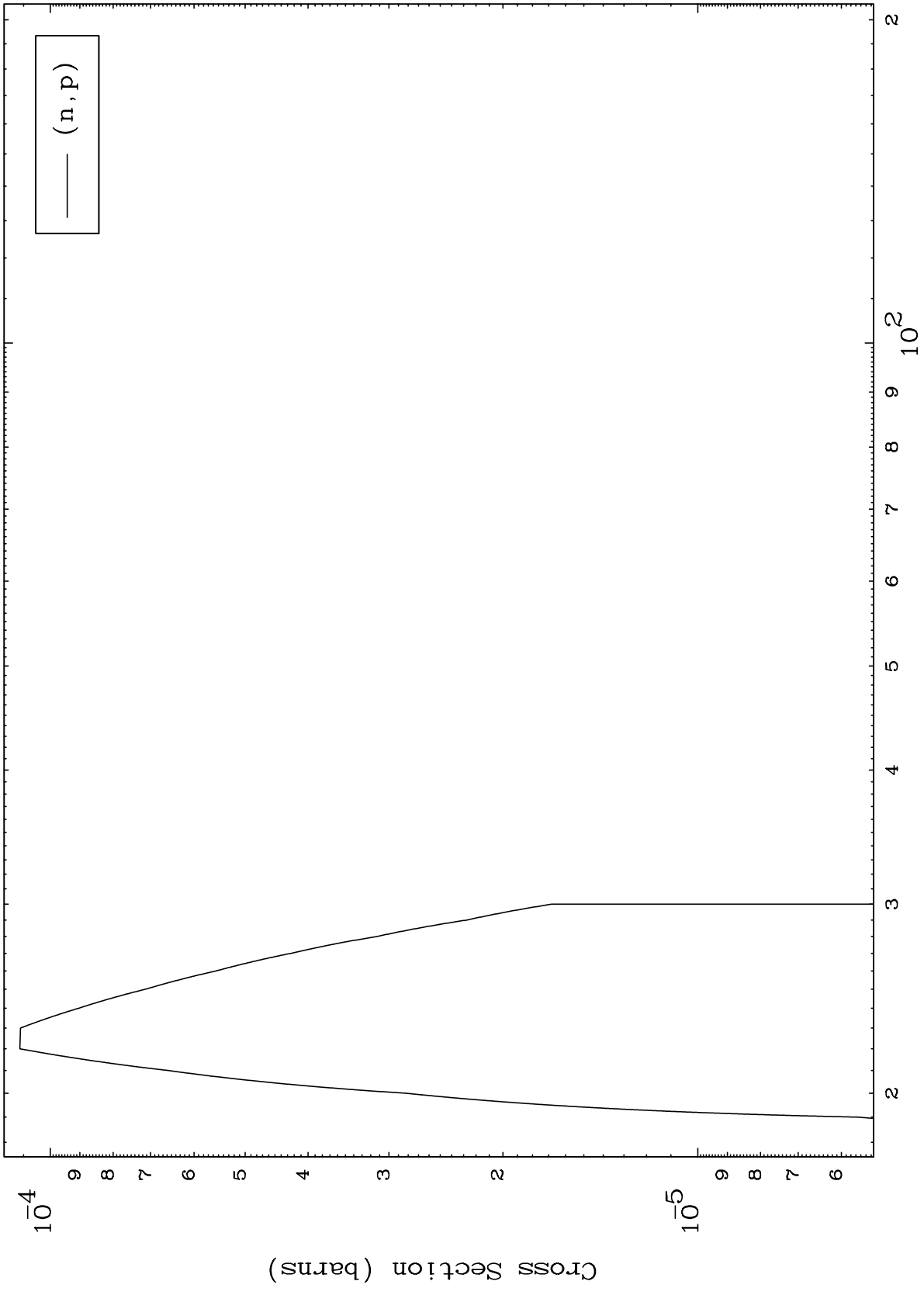
Incident Energy (MeV)

8-0 -20

MAT 837

(n,p) Levels
293 Kelvin Cross Sections

8-0 -20



(n,p)

8

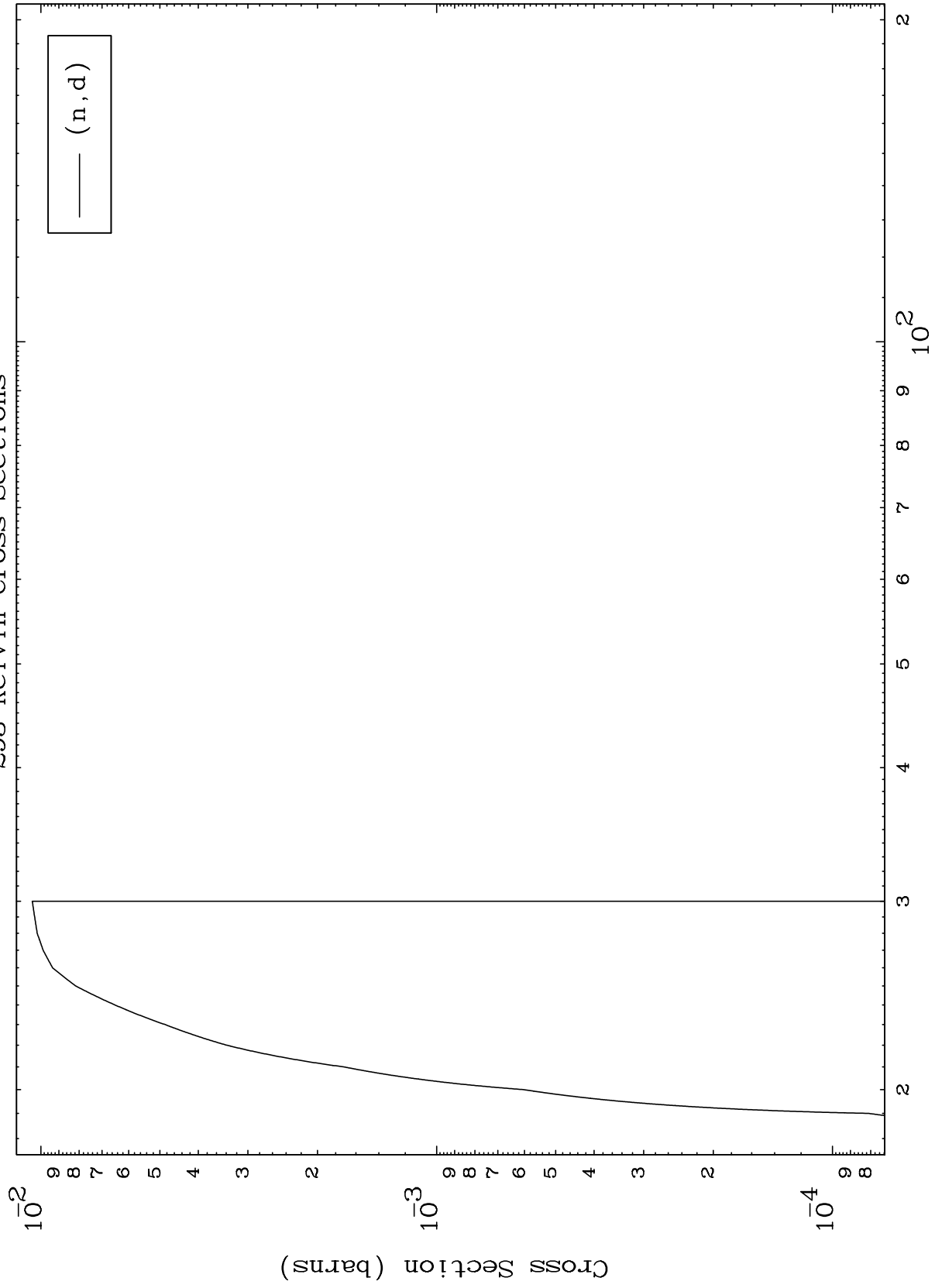
Incident Energy (MeV)

8-0 -20

MAT 837

(n,d) Levels
293 Kelvin Cross Sections

8-0 -20



9

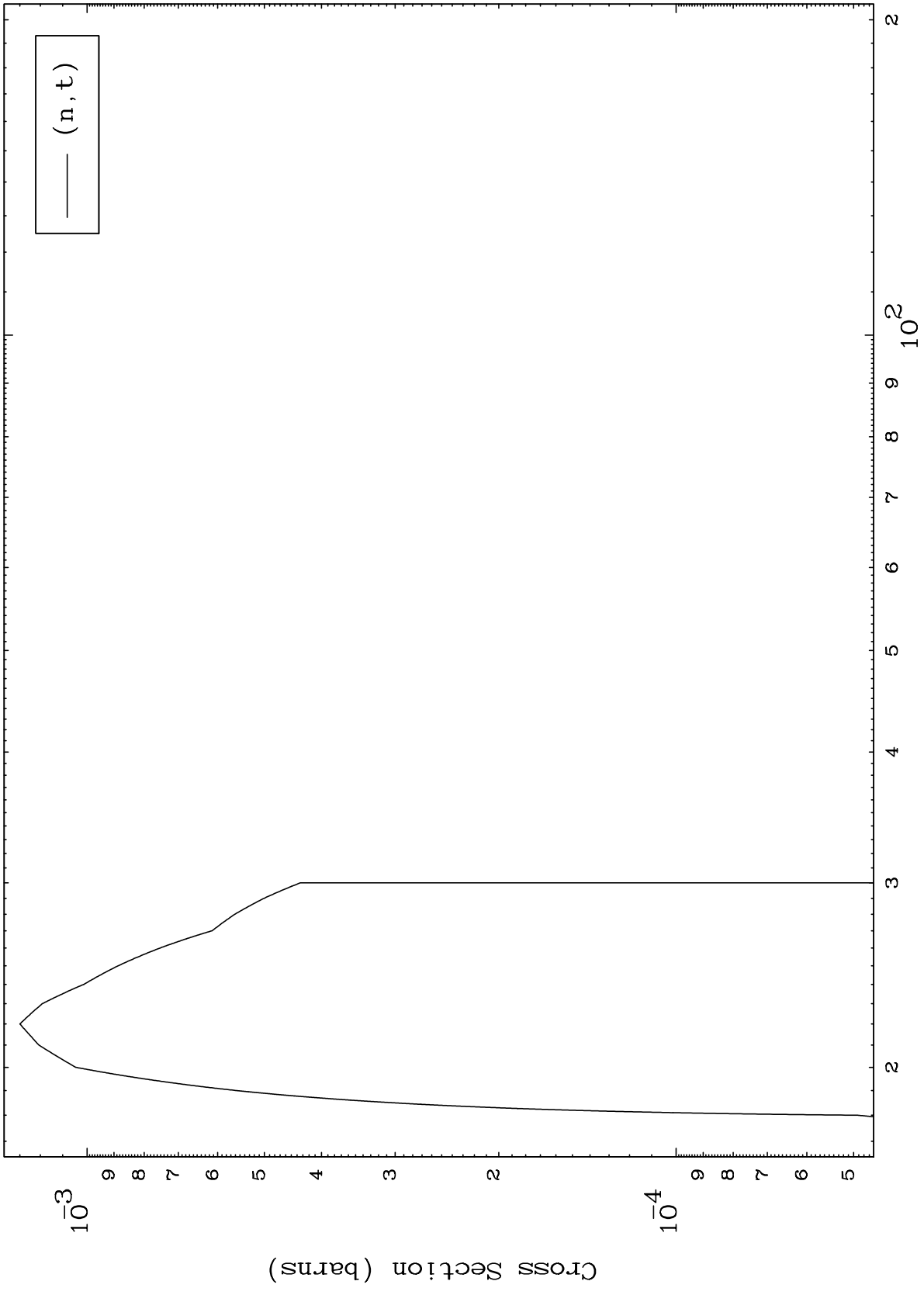
Incident Energy (MeV)

8-0 -20

MAT 837

(n,t) Levels
293 Kelvin Cross Sections

8-0 -20



10

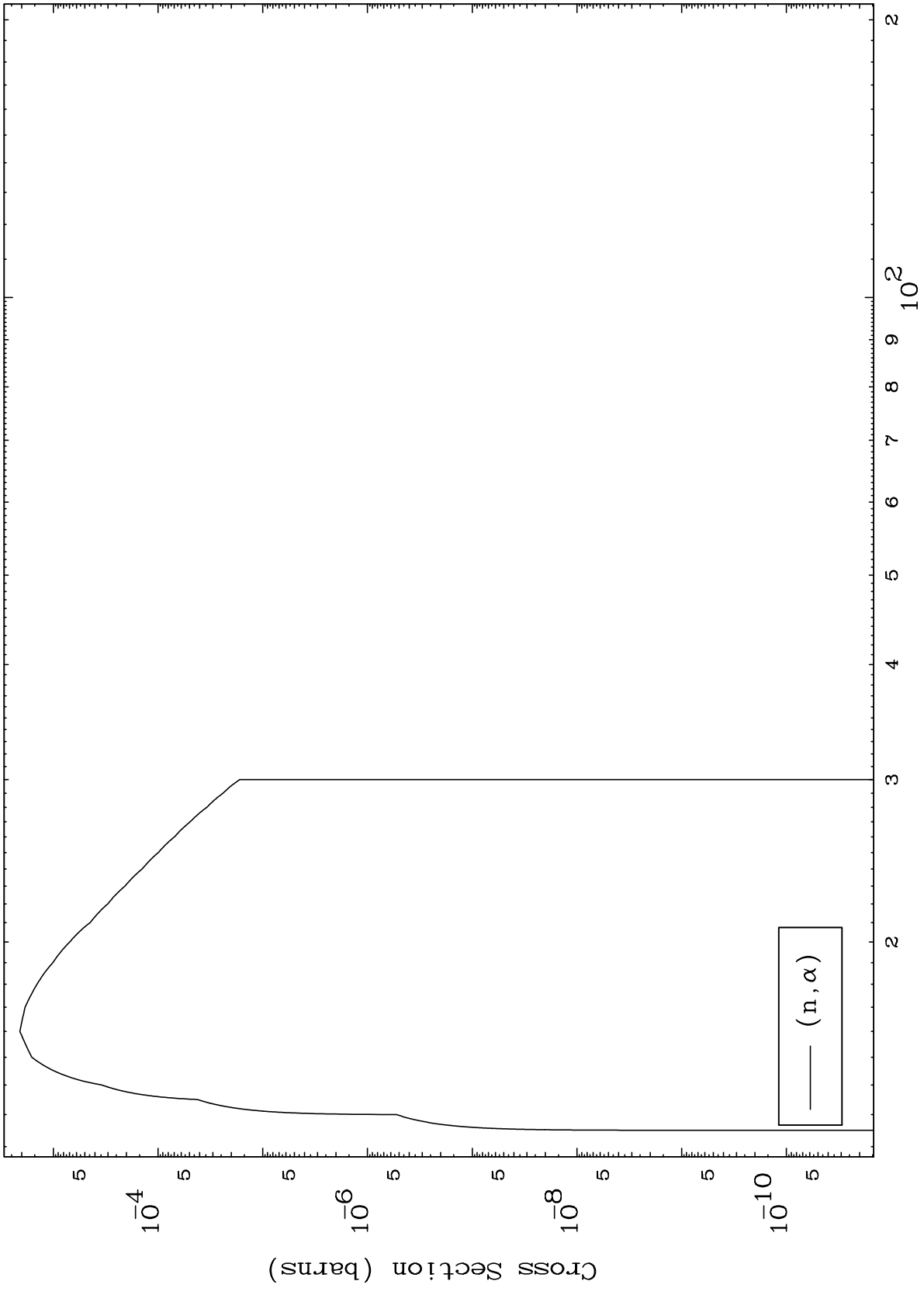
Incident Energy (MeV)

8-0 -20

MAT 837

(n, α) Levels
293 Kelvin Cross Sections

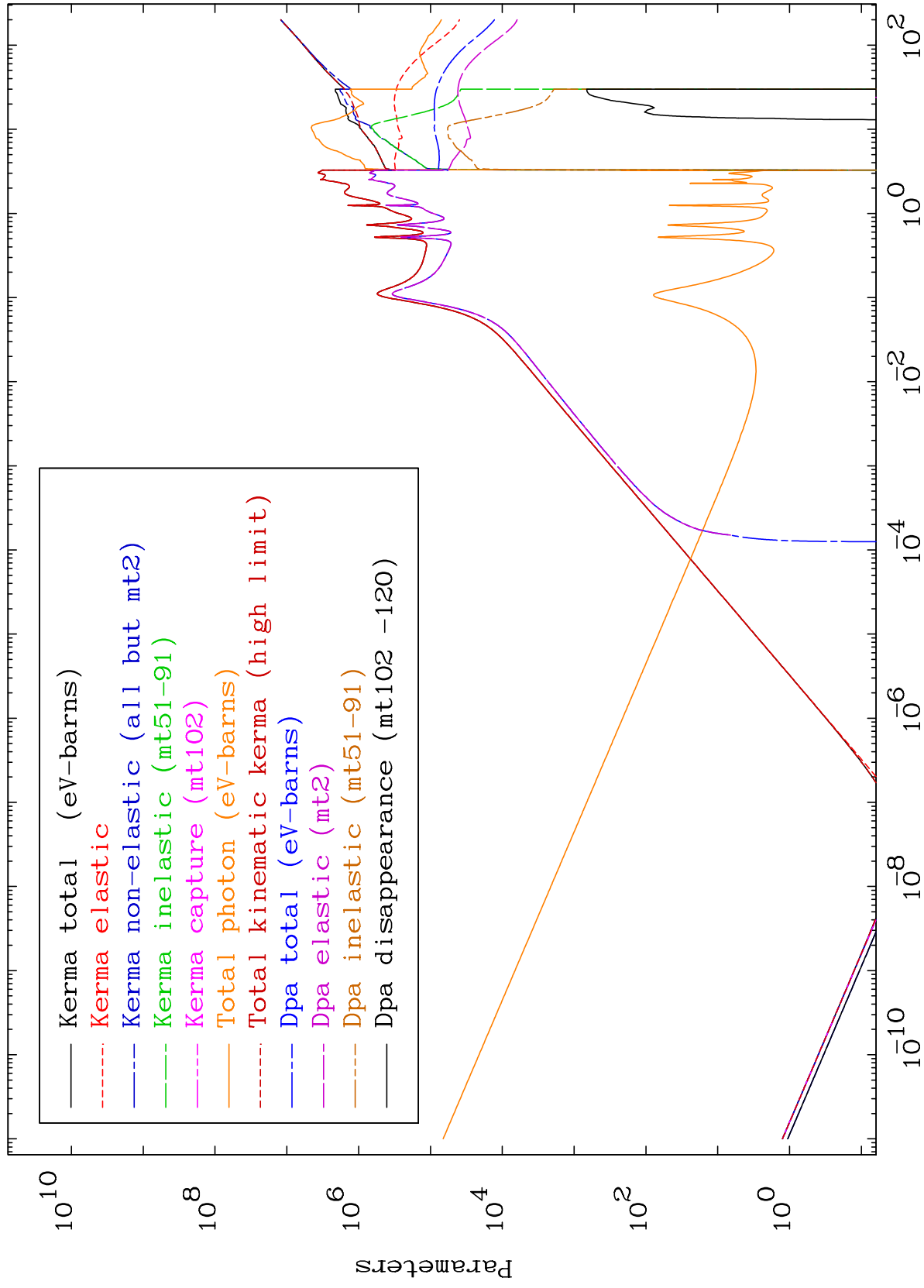
8-0 -20



11

Incident Energy (MeV)

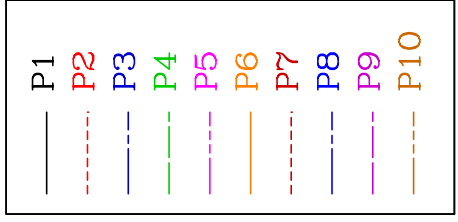
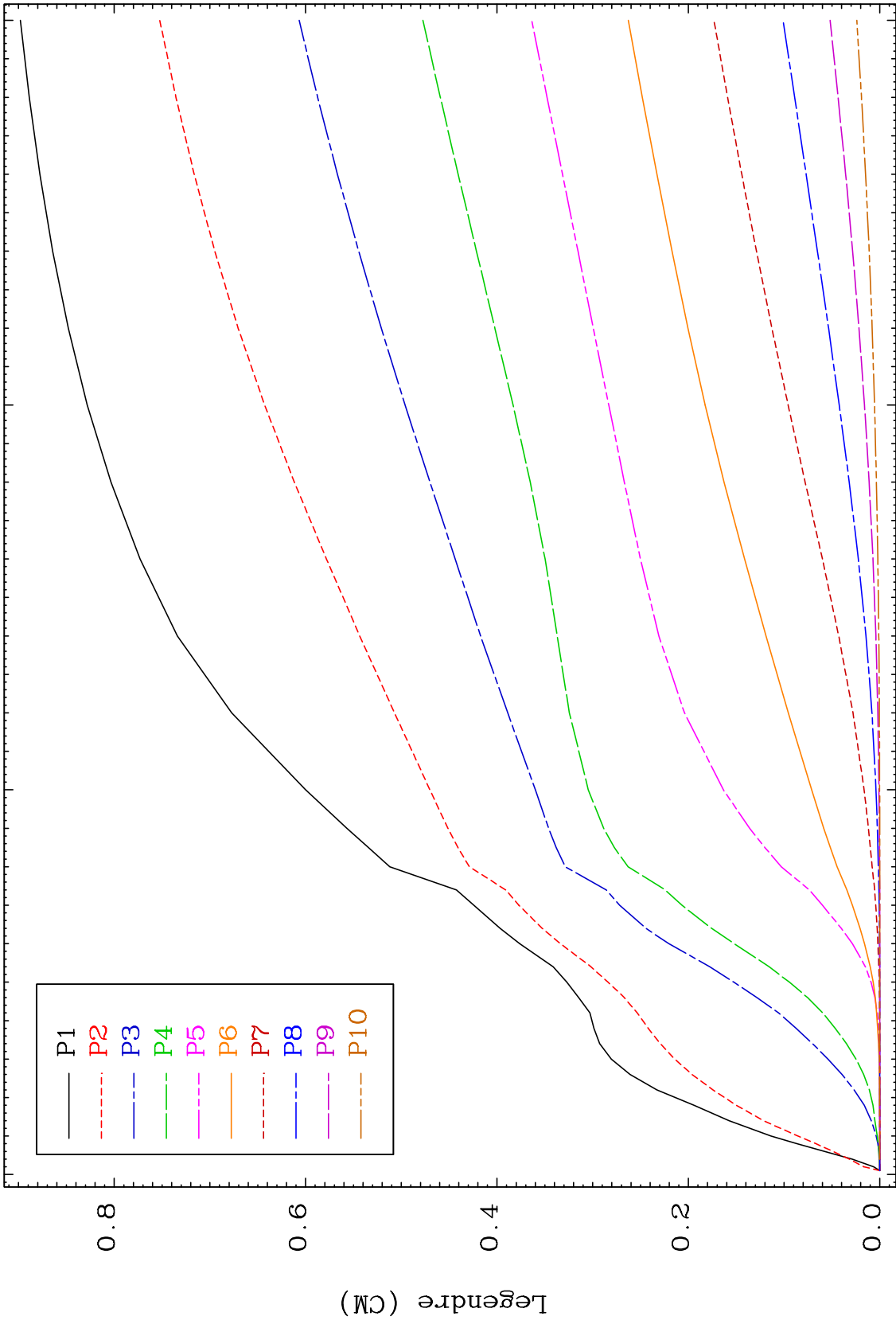
8-0 -20



MAT 837

Elastic Legendre Coefficients

8-0 -20



0

10

20

30

8-0 -20

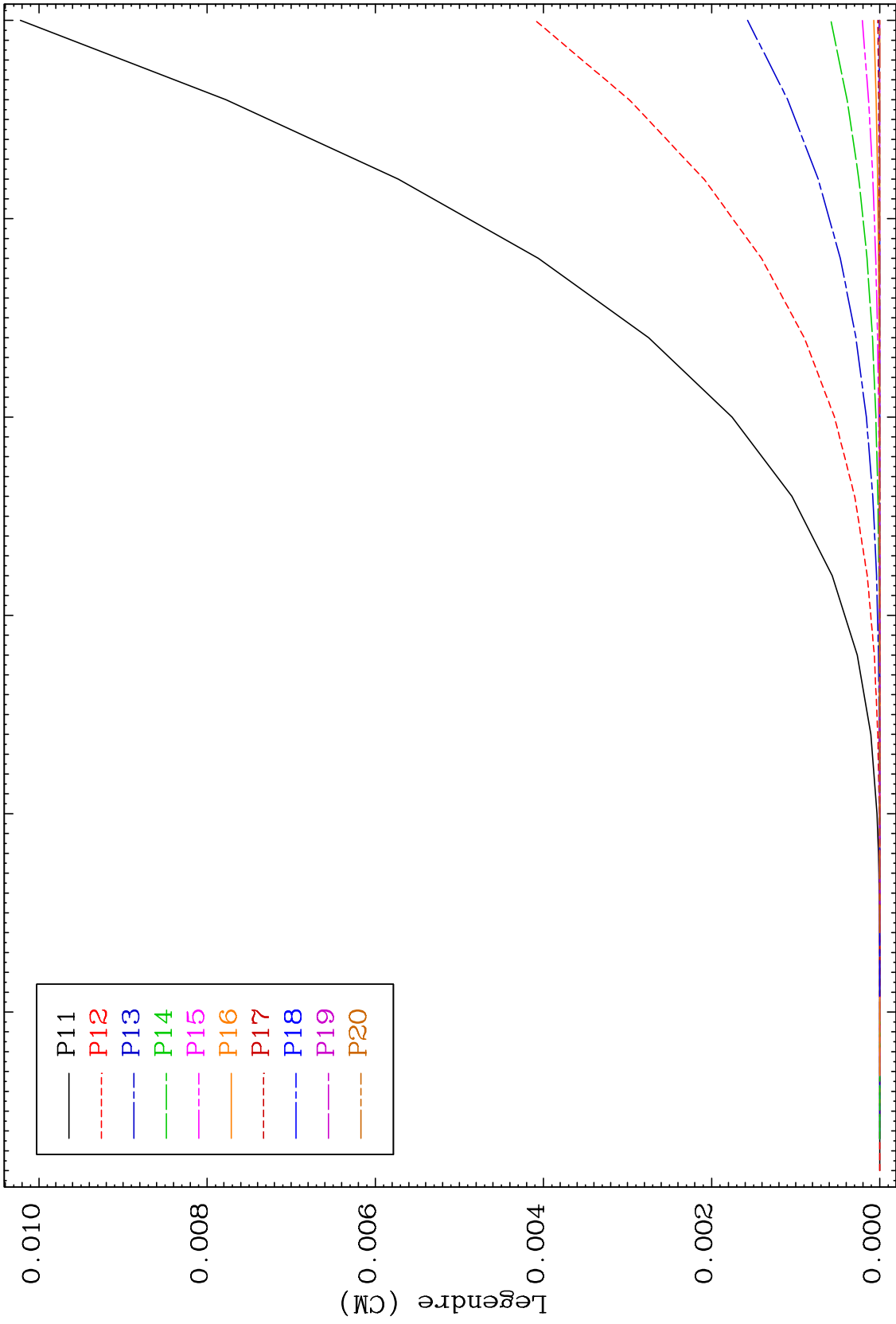
Incident Energy (MeV)

Legendre (CM)

MAT 837

Elastic Legendre Coefficients

8-0 -20



14

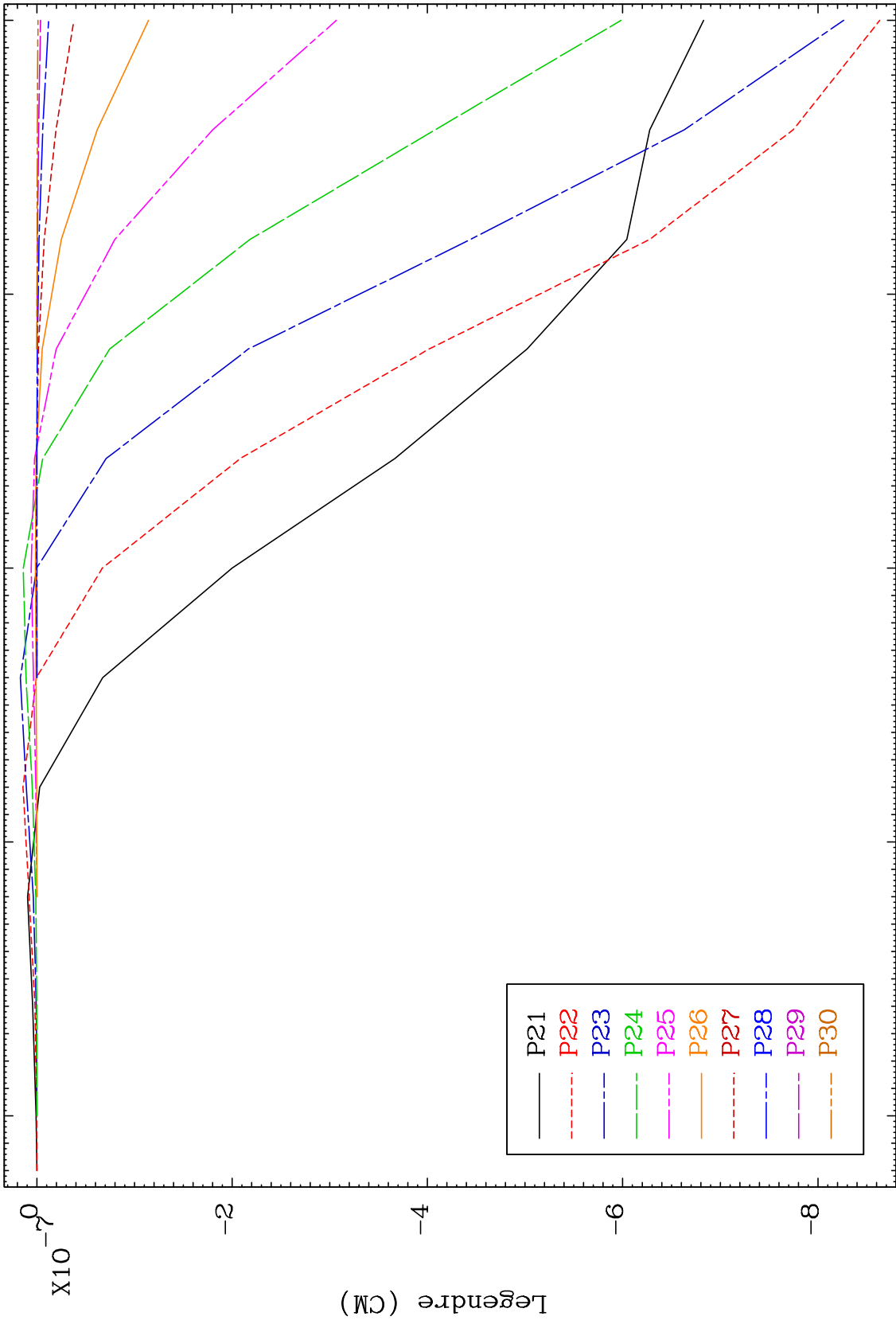
Incident Energy (MeV)

8-0 -20

MAT 837

Elastic Legendre Coefficients

8-0 -20



X10⁻⁷

Legendre (CM)

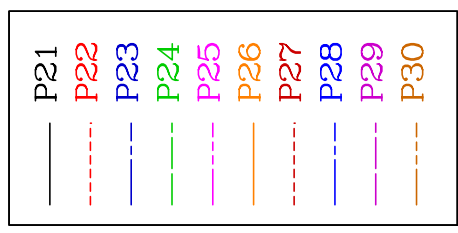
15

20

25

30

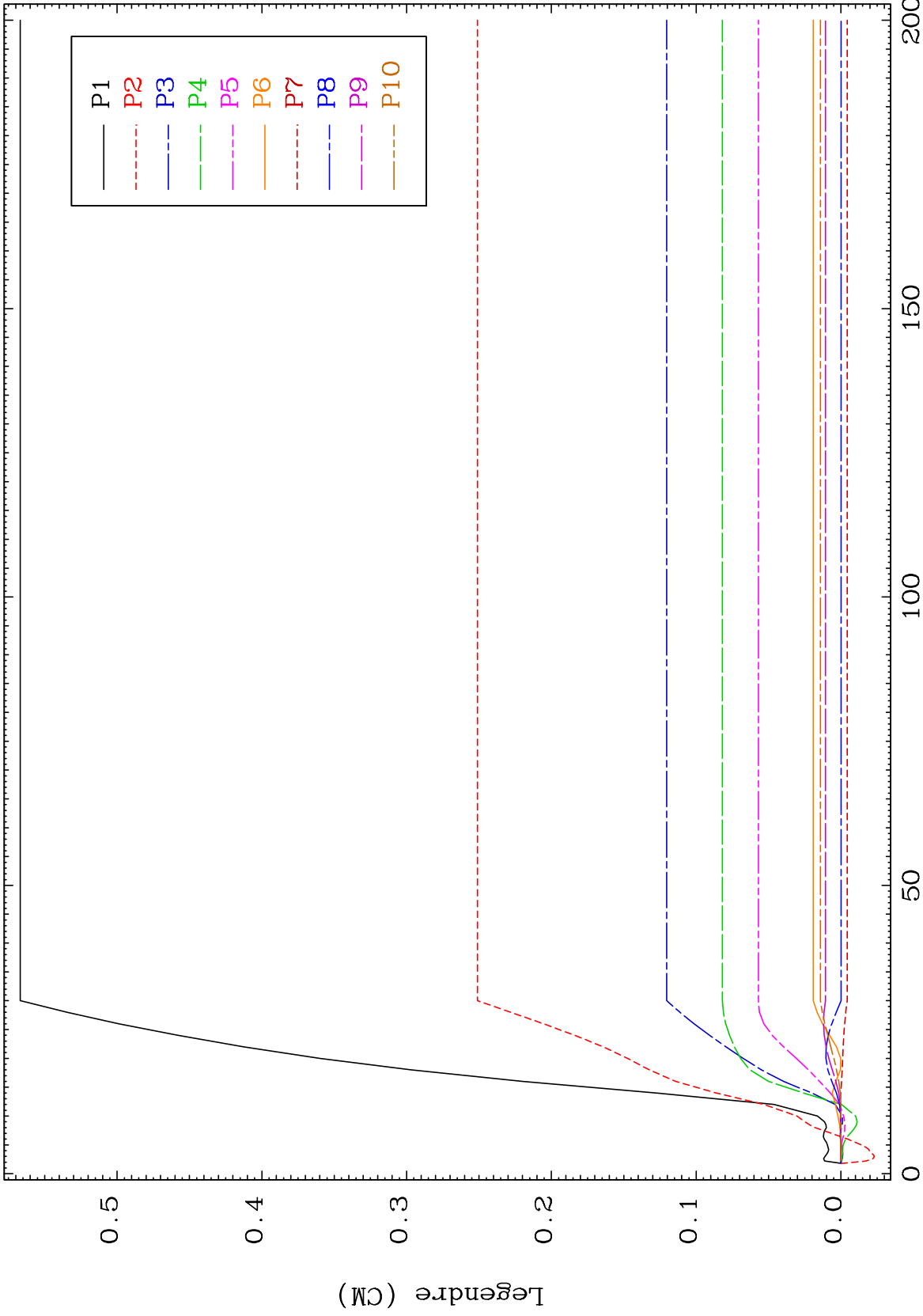
8-0 -20



MAT 837

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

8-0 -20



16

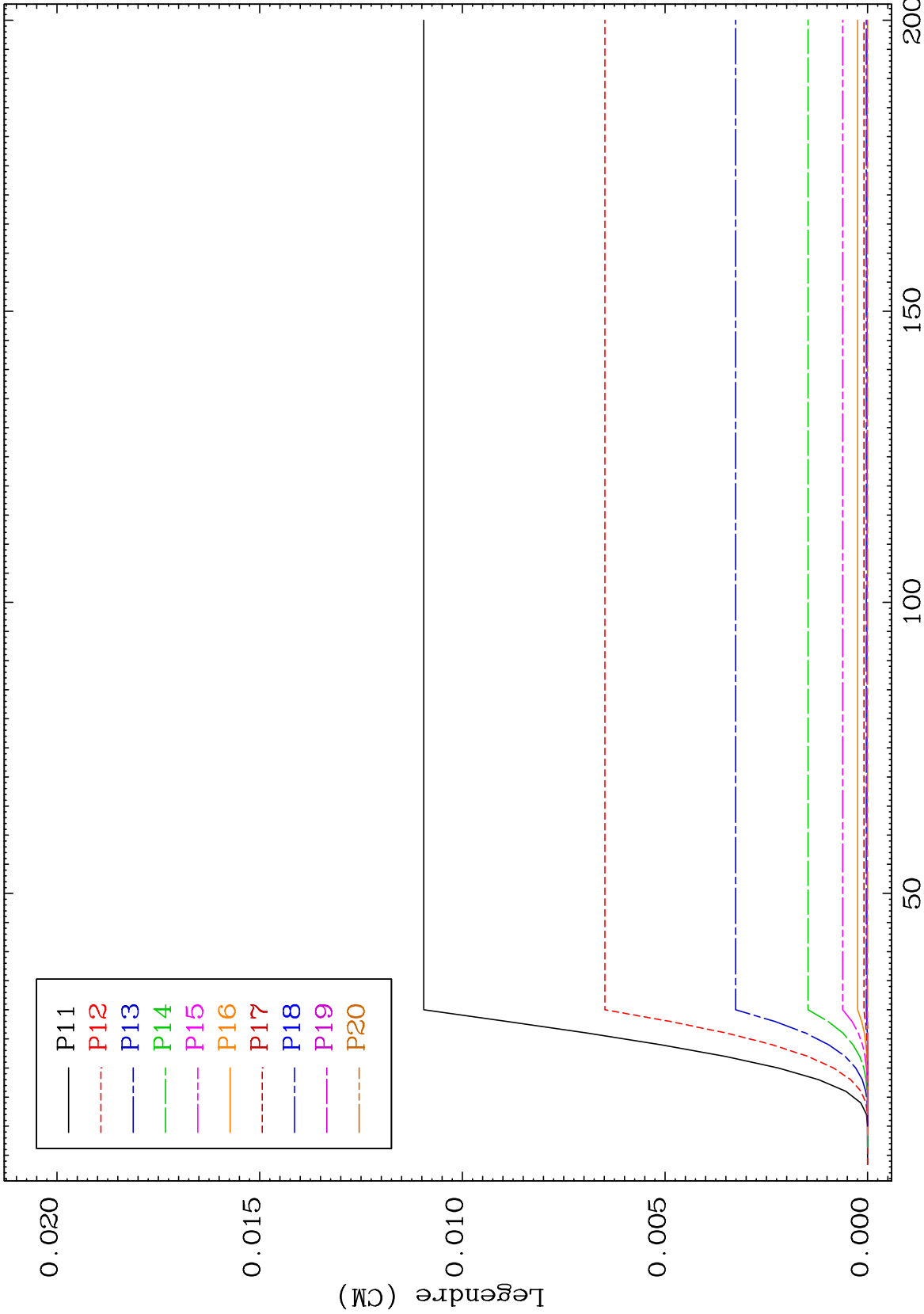
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



17

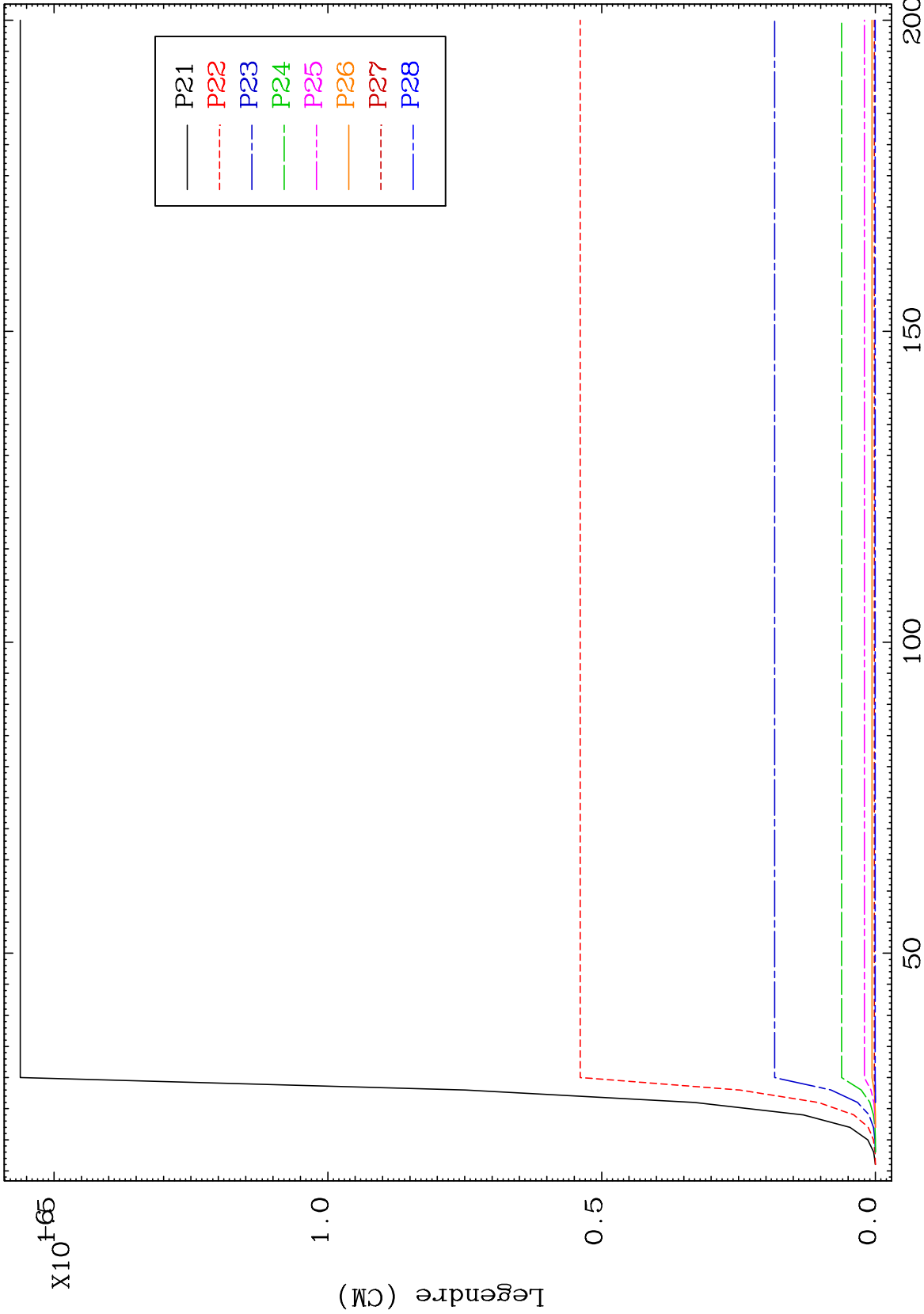
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



18

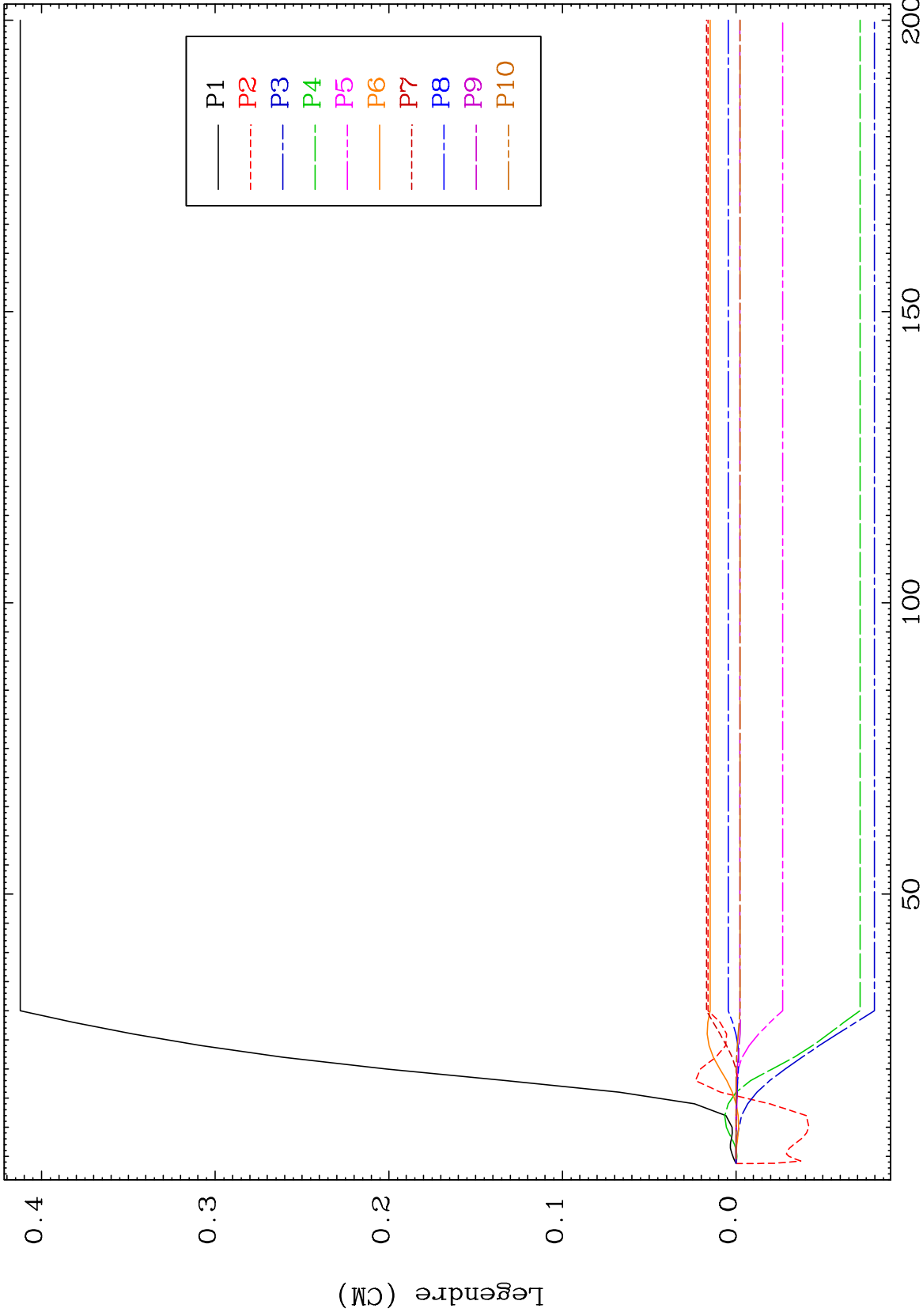
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



19

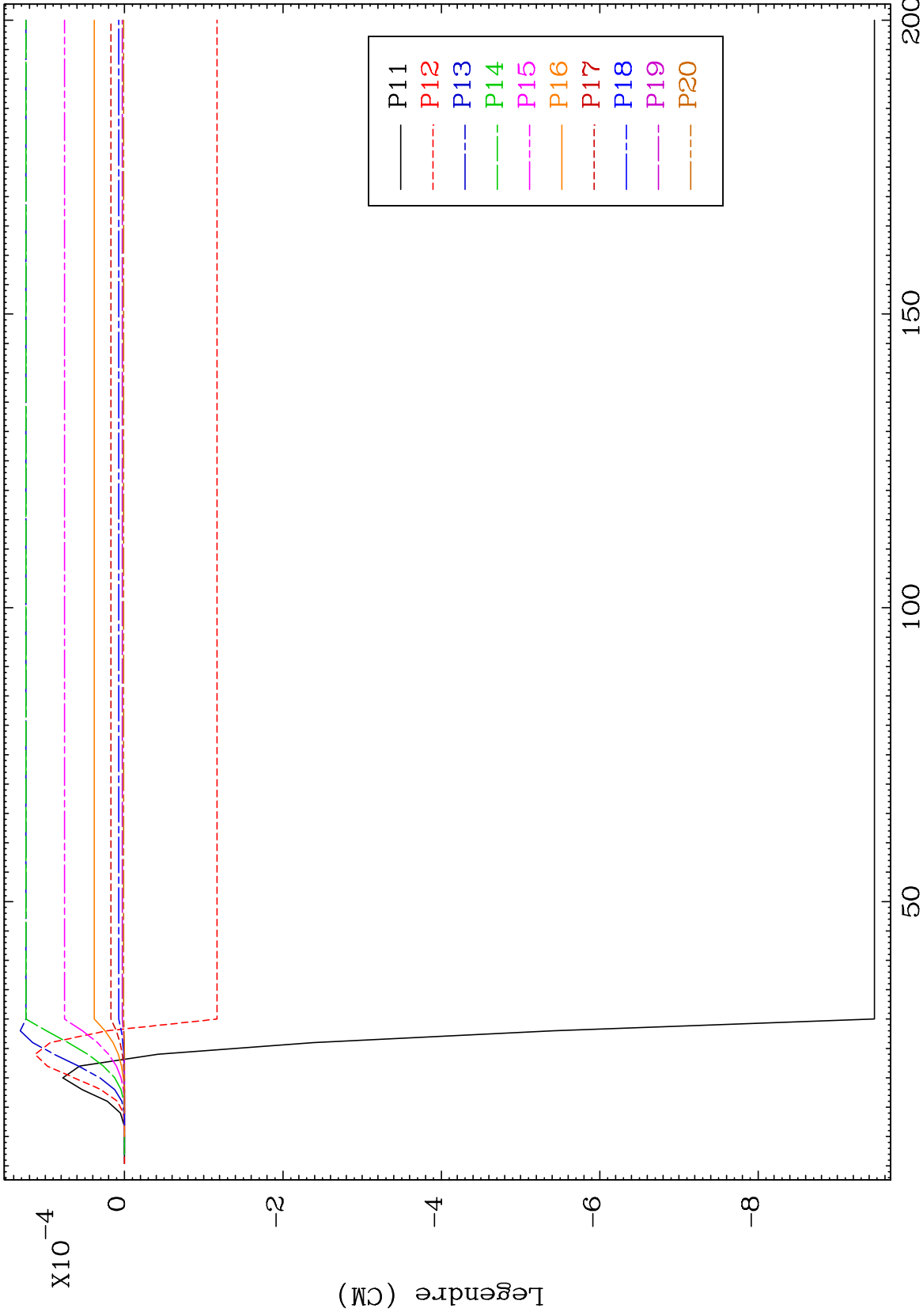
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



20

Incident Energy (MeV)

150

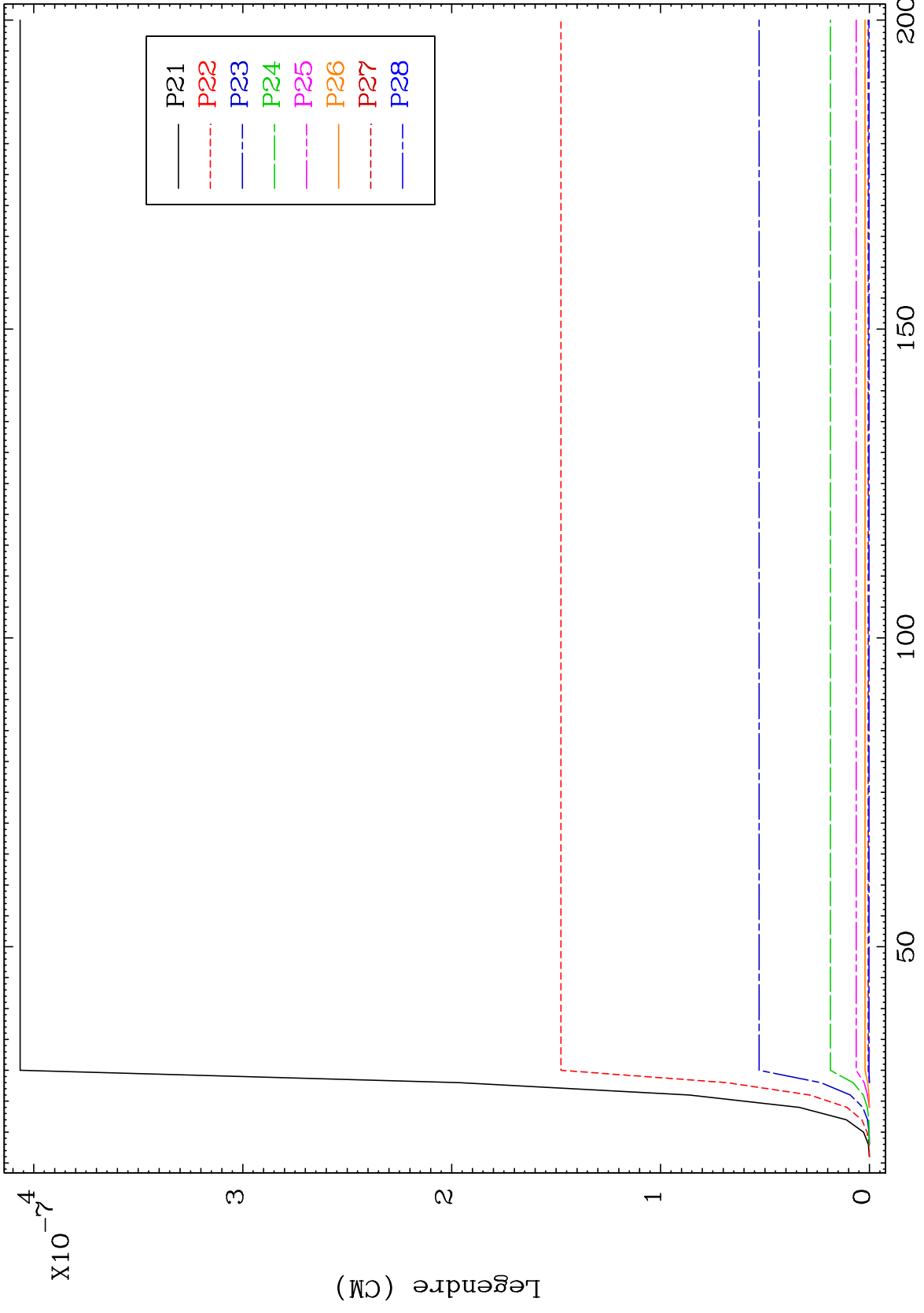
200

8-0 -20

MAT 837

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

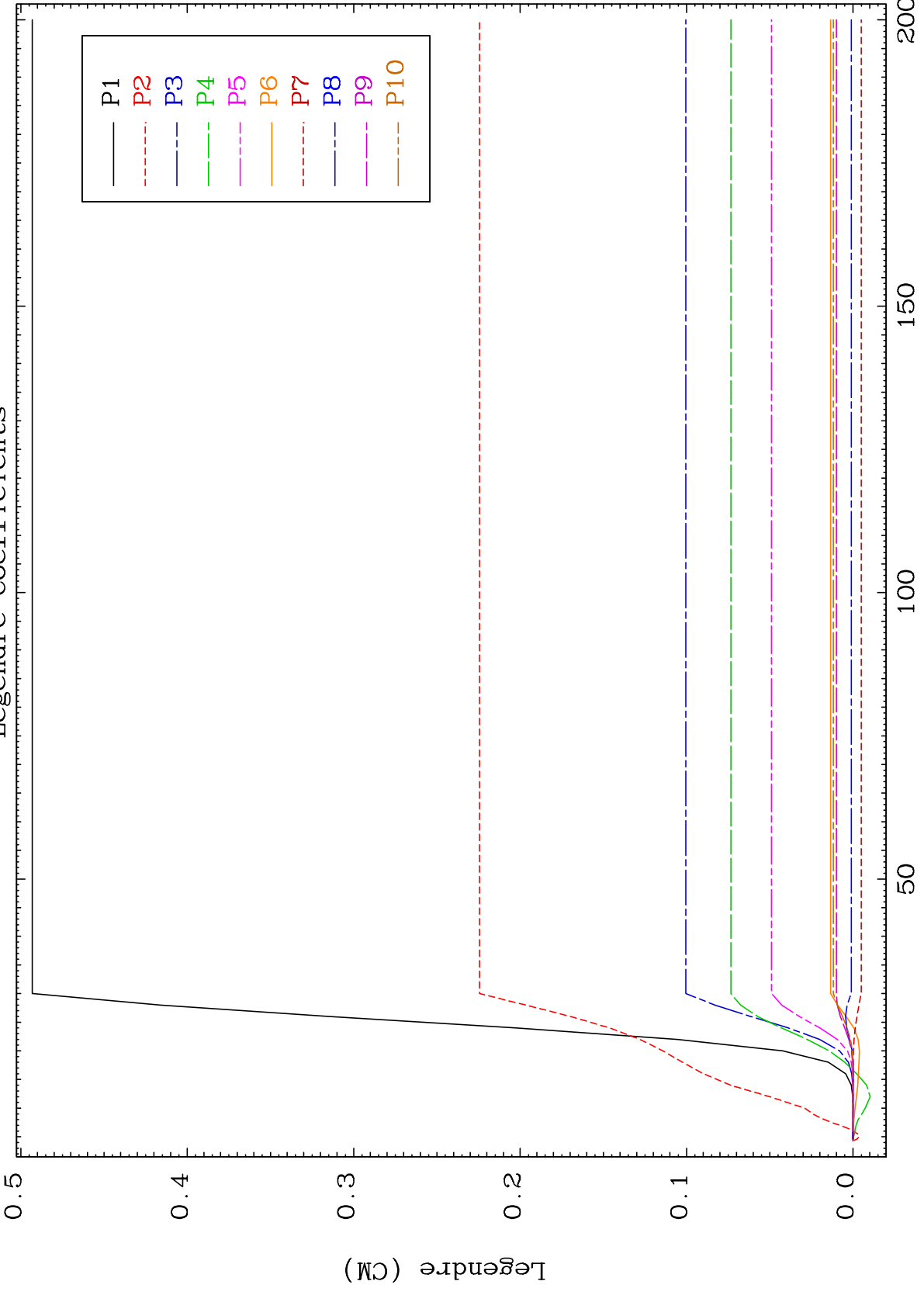
8-0 -20



21

8-0 -20

MAT 837 MT= 53 (n,n') Level Legendre Coefficients



8-0 -20

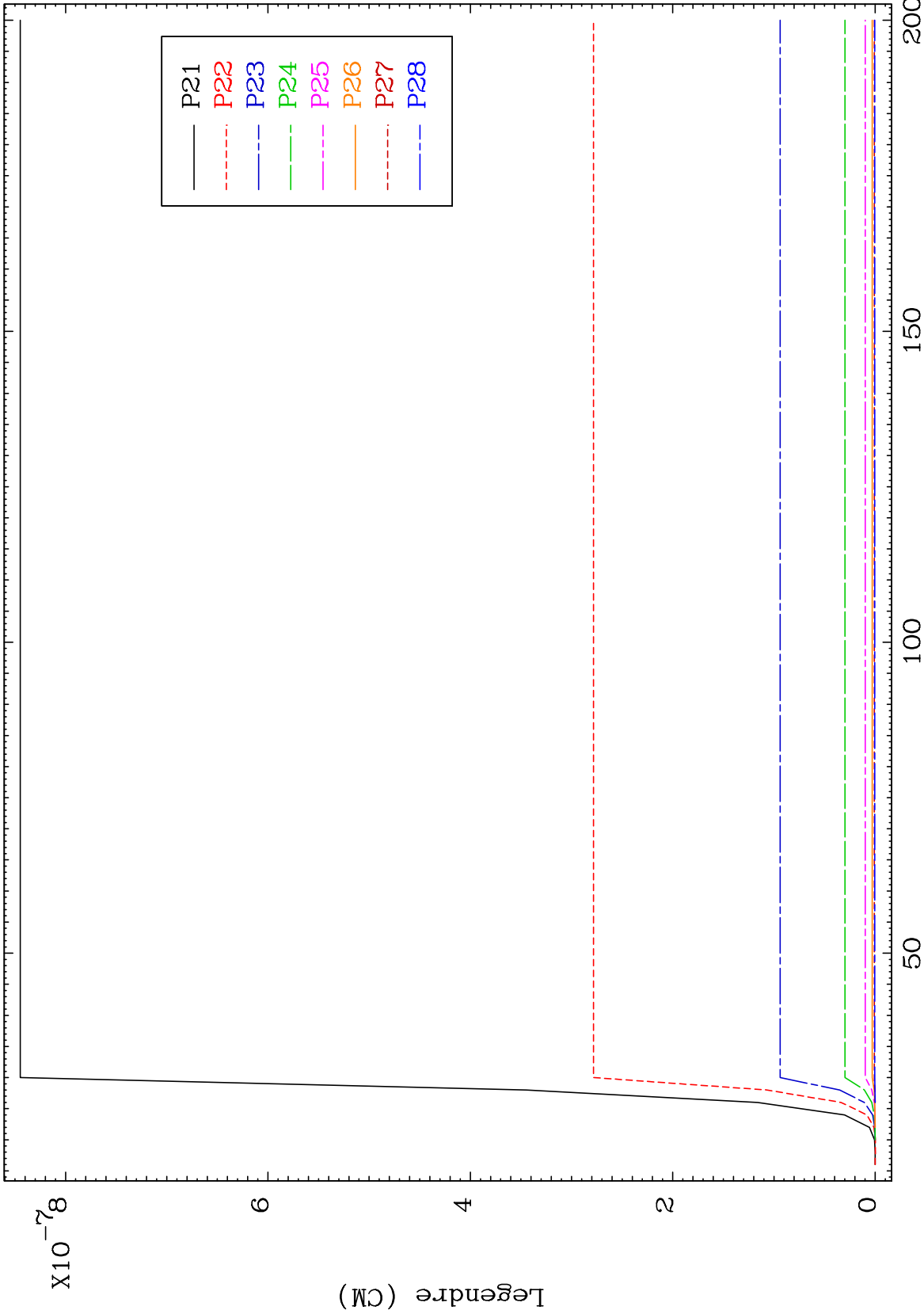
Incident Energy (MeV)

22

MAT 837

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

8-0 -20



24

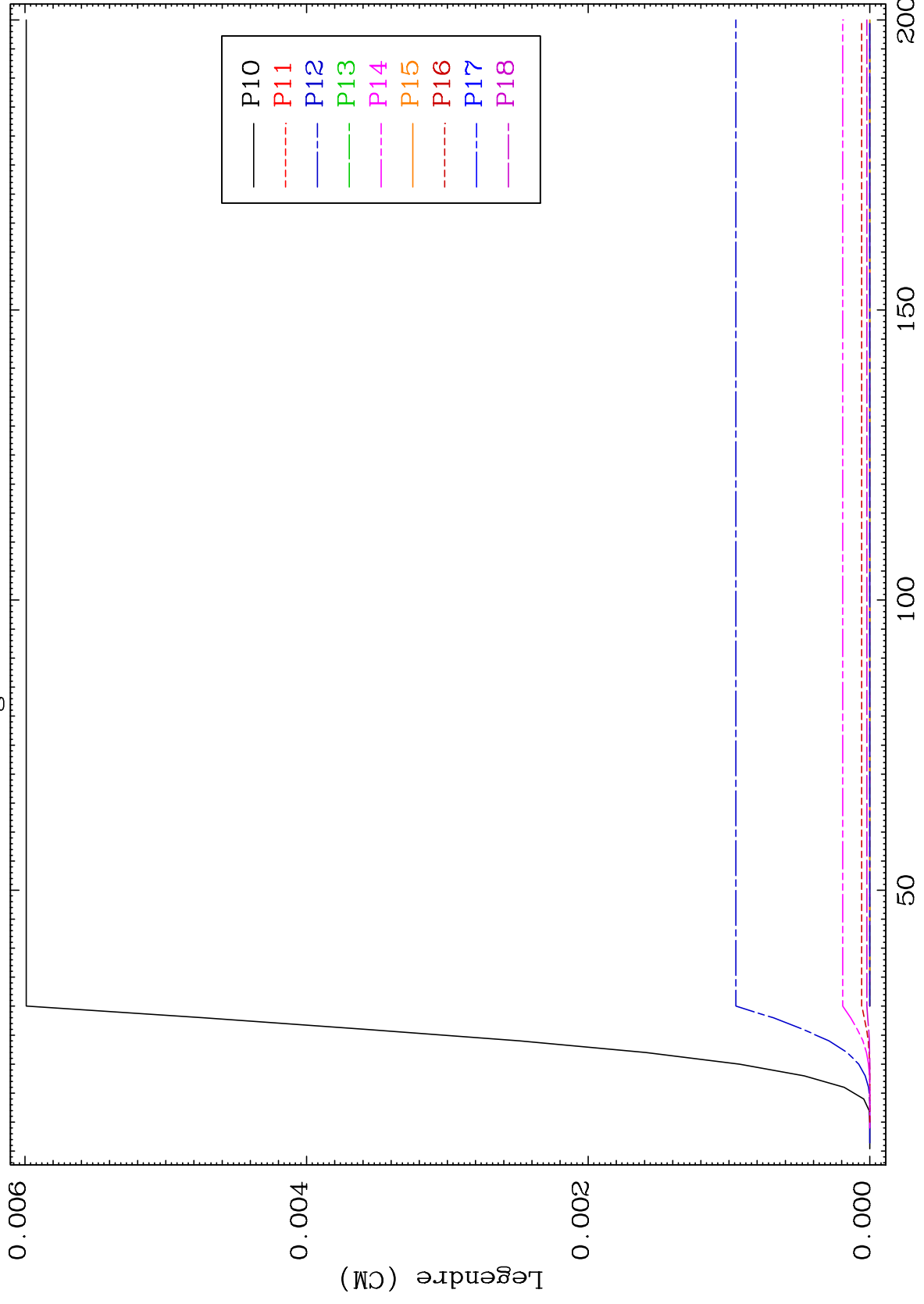
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20

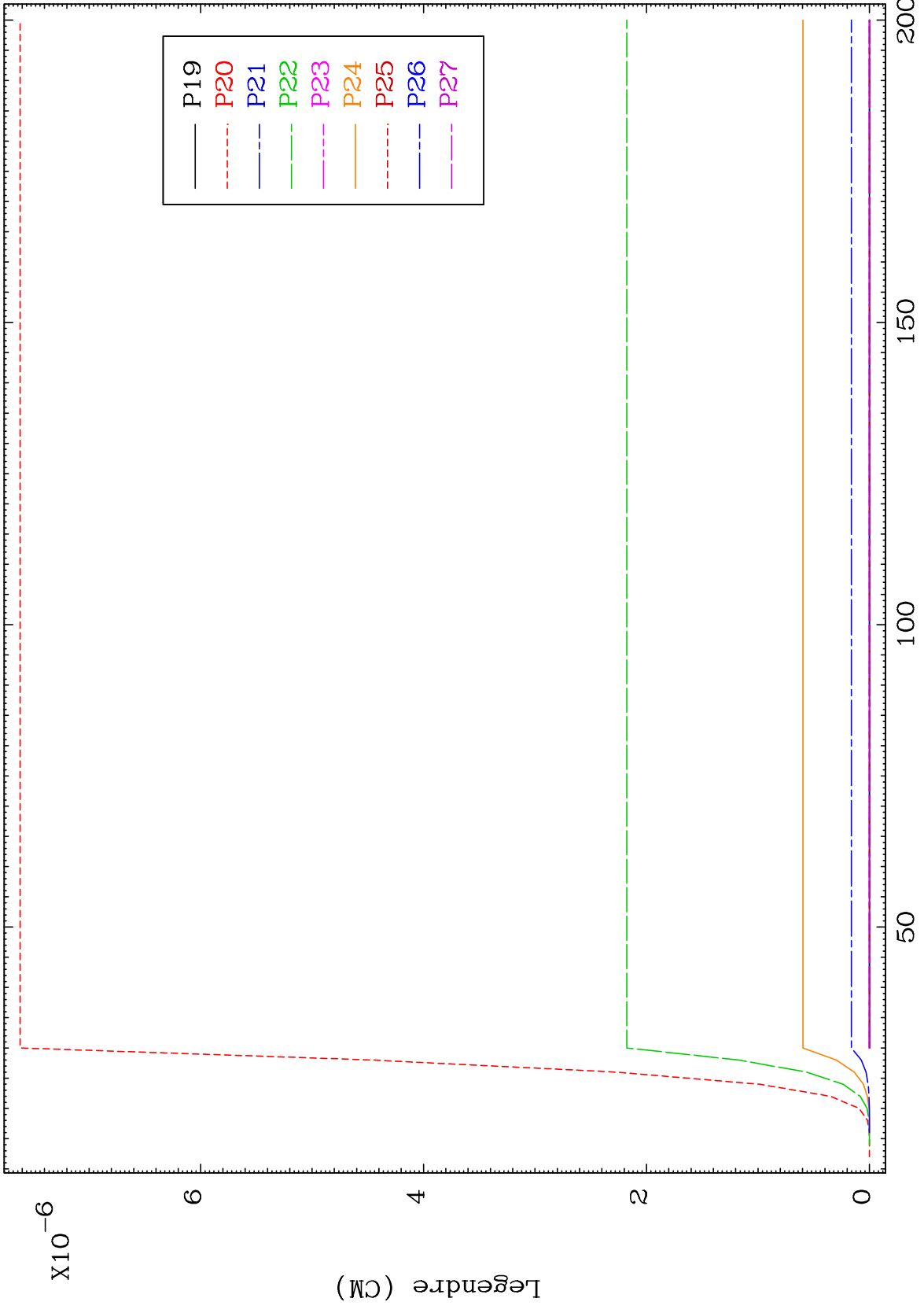


26

Incident Energy (MeV)

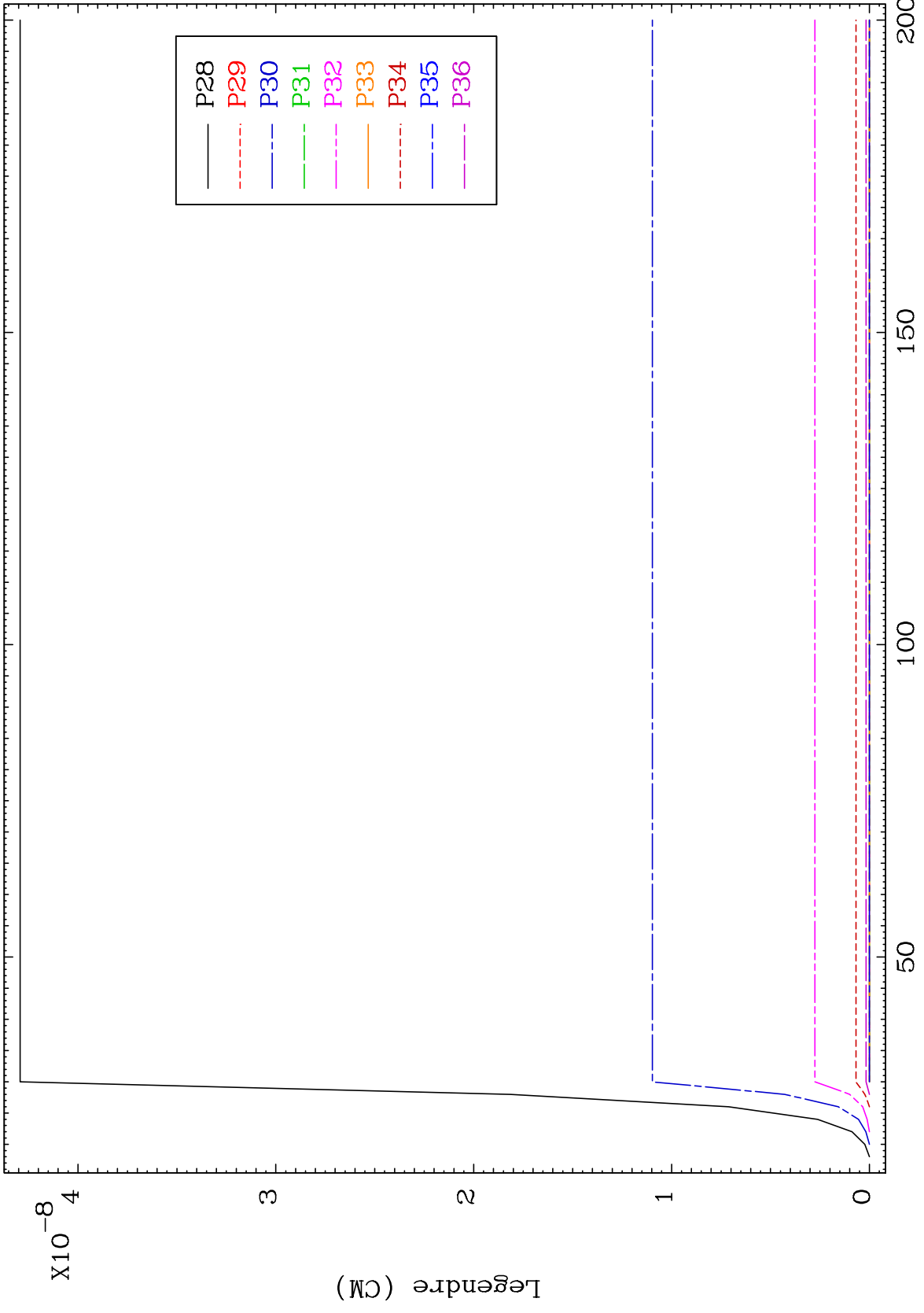
8-0 -20

MAT 837 MT= 54 (n,n') Level Legendre Coefficients 8-0 -20



Incident Energy (MeV) 27 50 100 150 200 8-0 -20

MAT 837 MT= 54 (n,n') Level Legendre Coefficients 8-0 -20

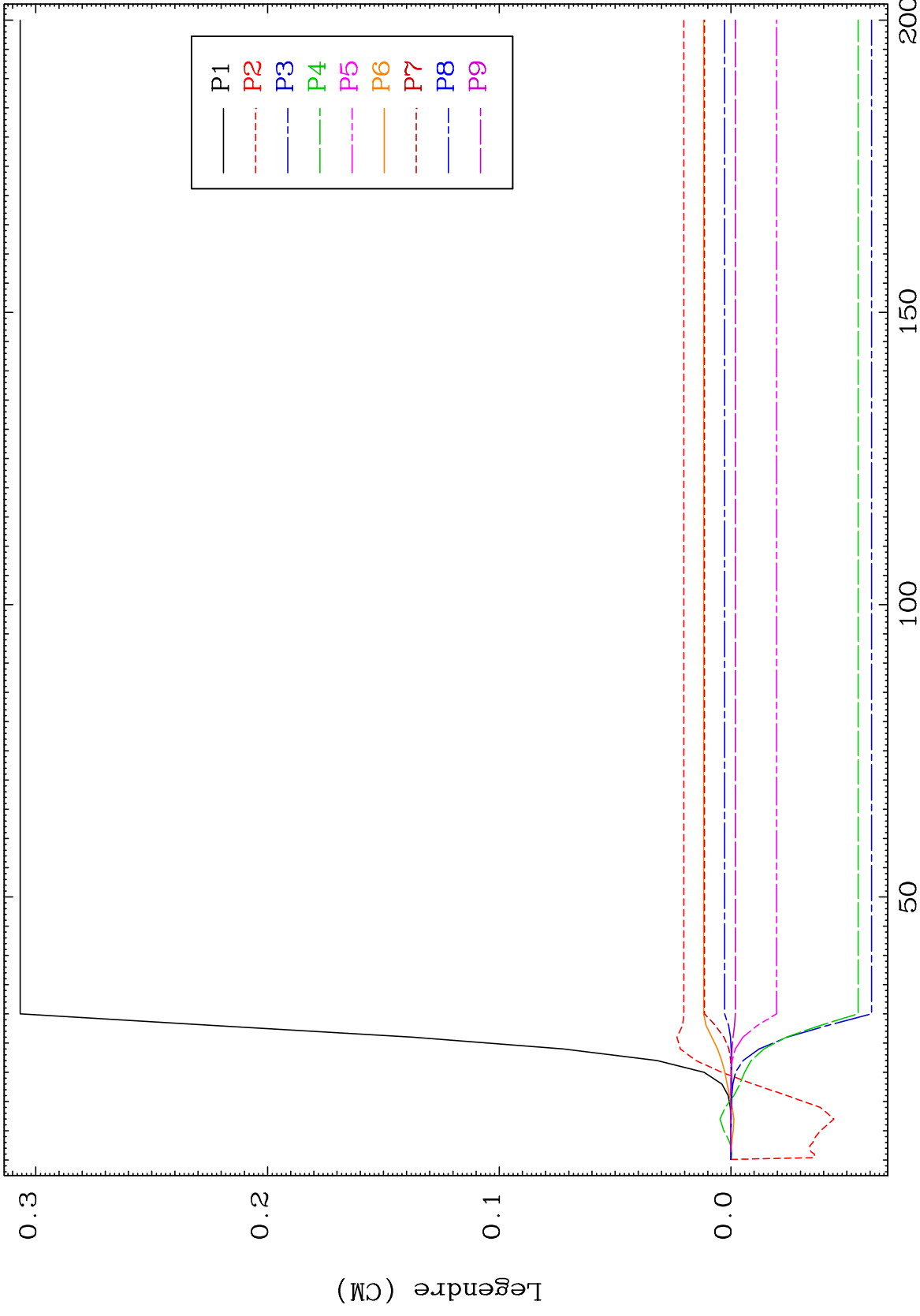


28 Incident Energy (MeV) 8-0 -20

MAT 837

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

8-0 -20

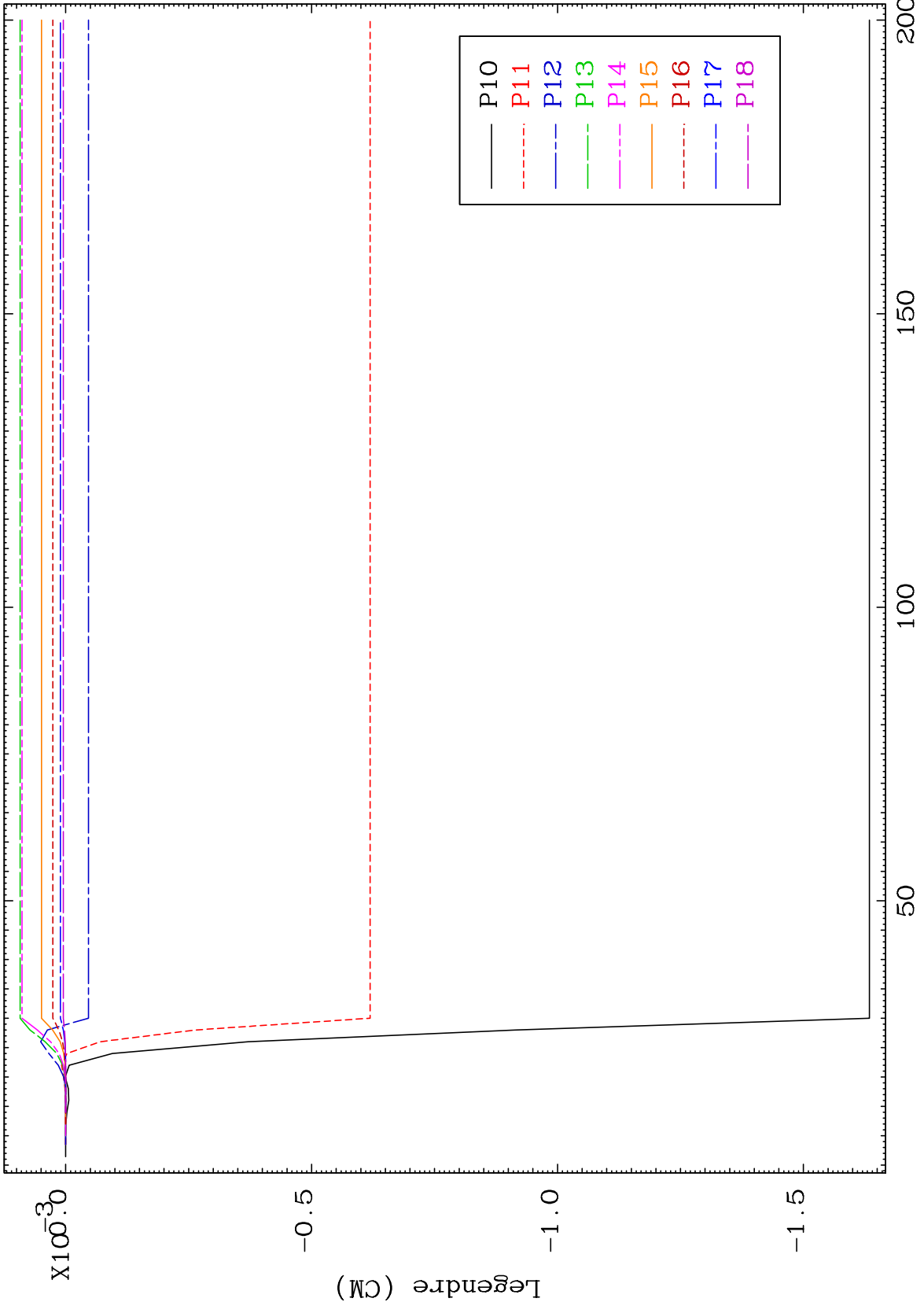


29

Incident Energy (MeV)

8-0 -20

MAT 837 MT= 55 (n,n') Level Legendre Coefficients 8-0 -20

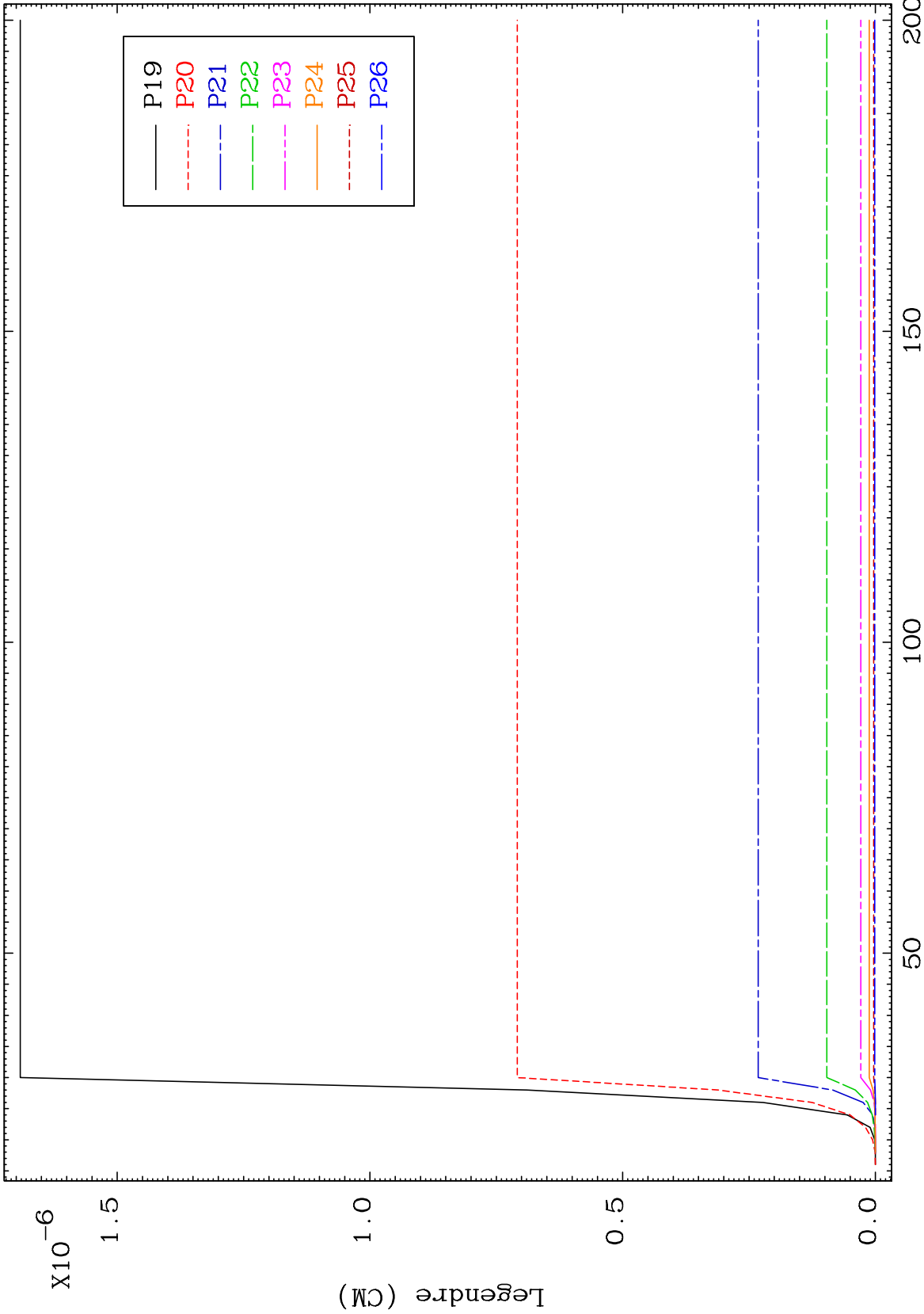


30 50 100 150 200 Incident Energy (MeV) 8-0 -20

MAT 837

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

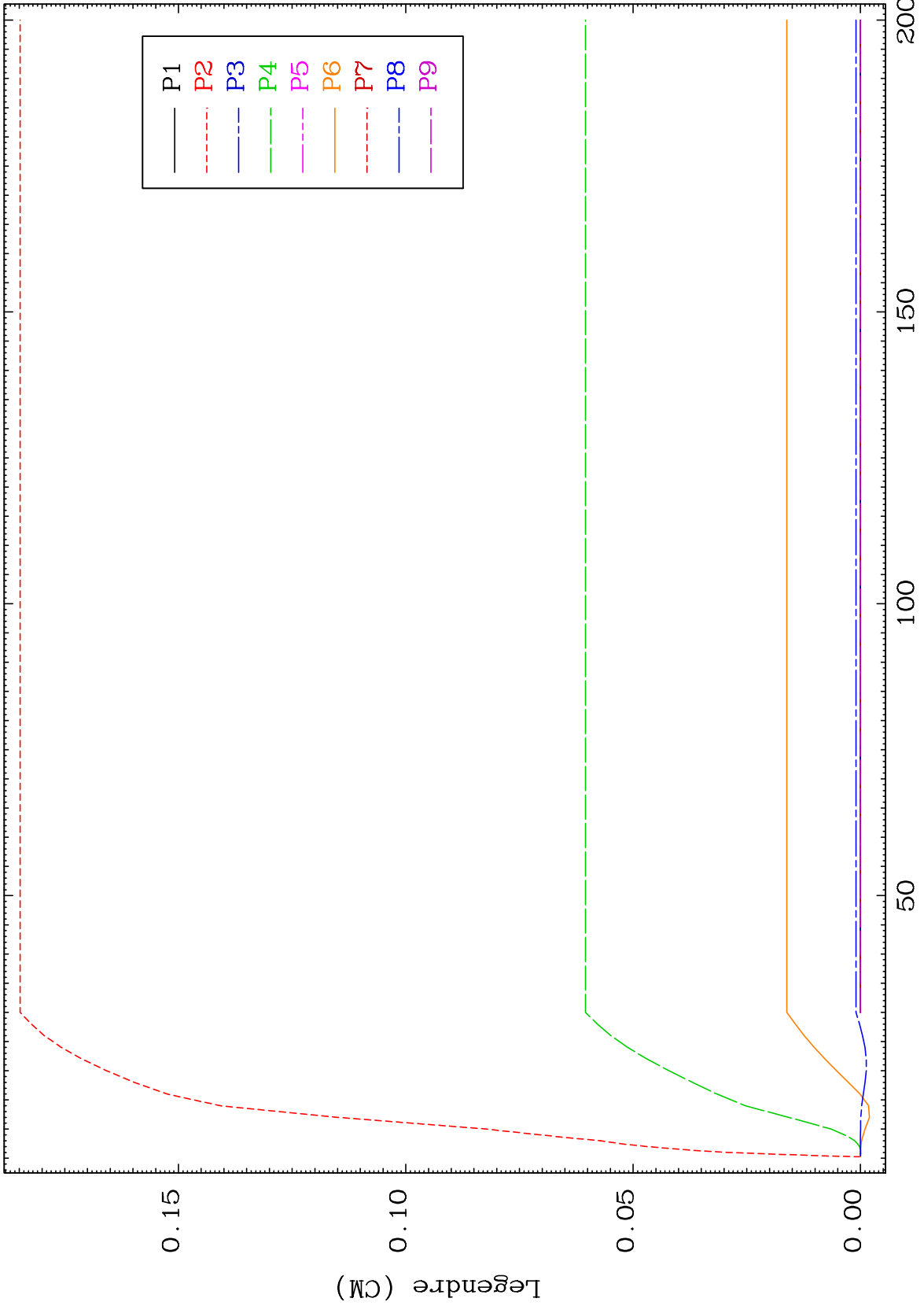
8-0 -20



31

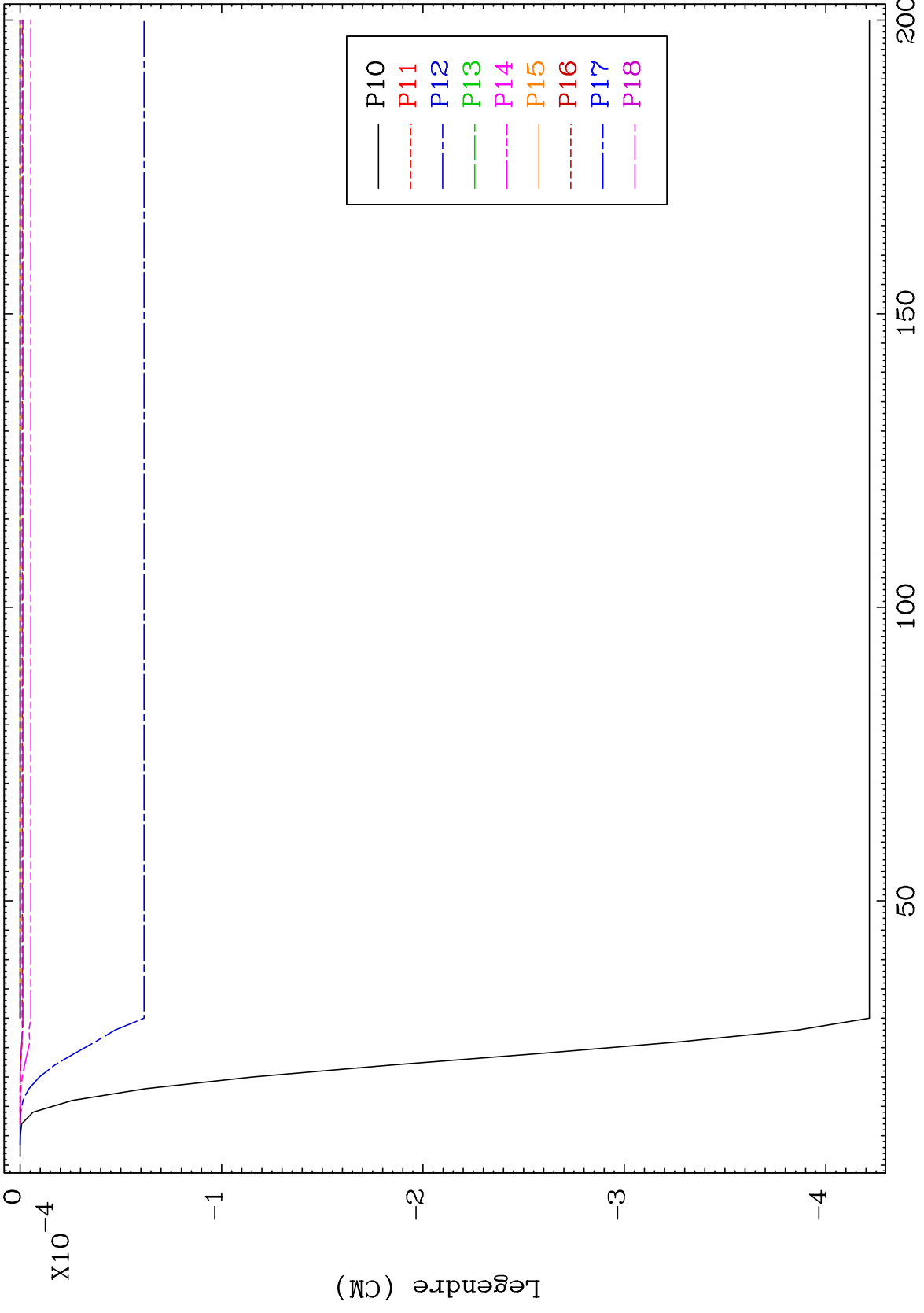
8-0 -20

MAT 837 MT= 56 (n,n') Level Legendre Coefficients 8-0 -20



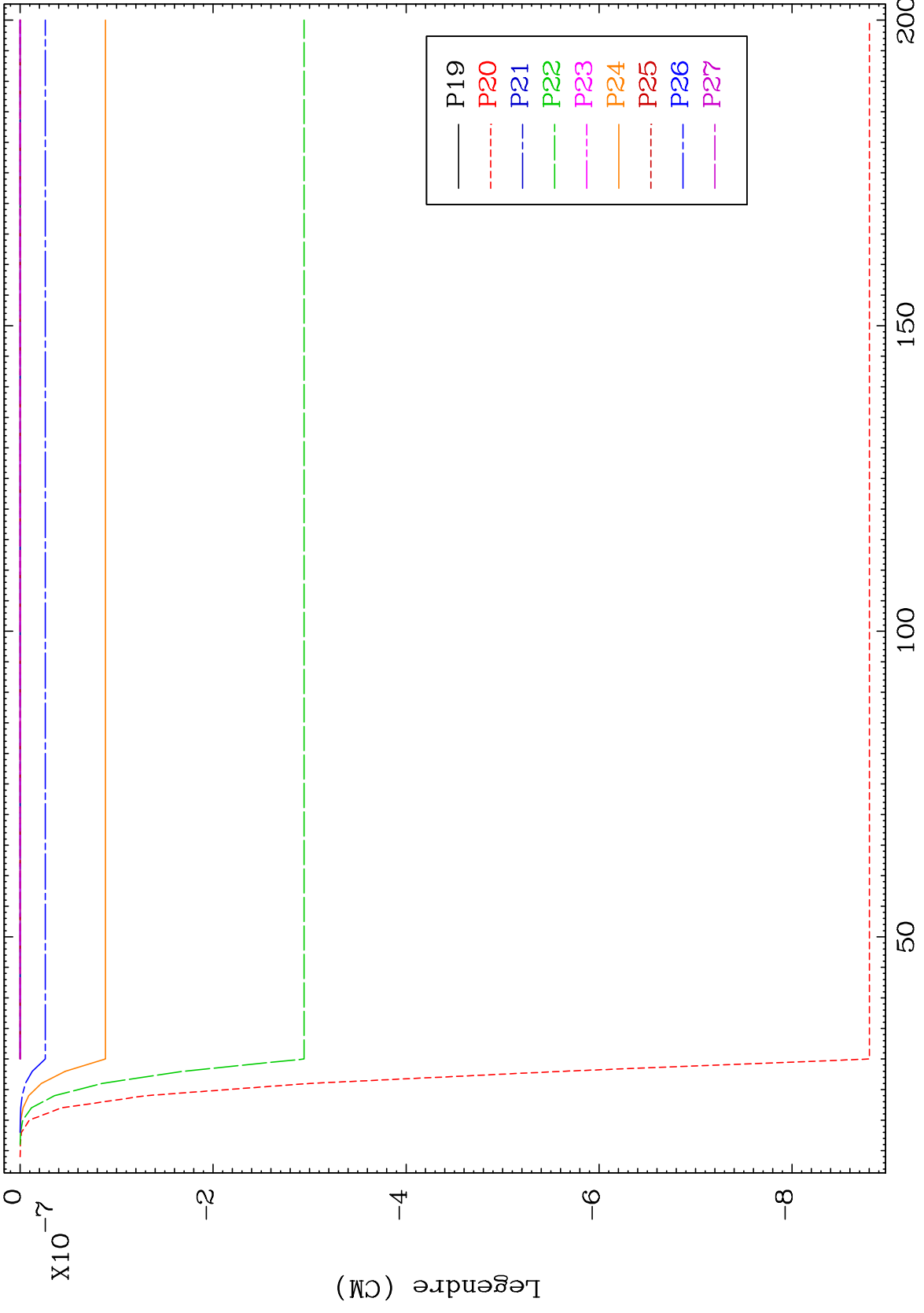
32 Incident Energy (MeV) 8-0 -20

MAT 837 MT= 56 (n,n') Level Legendre Coefficients 8-0 -20

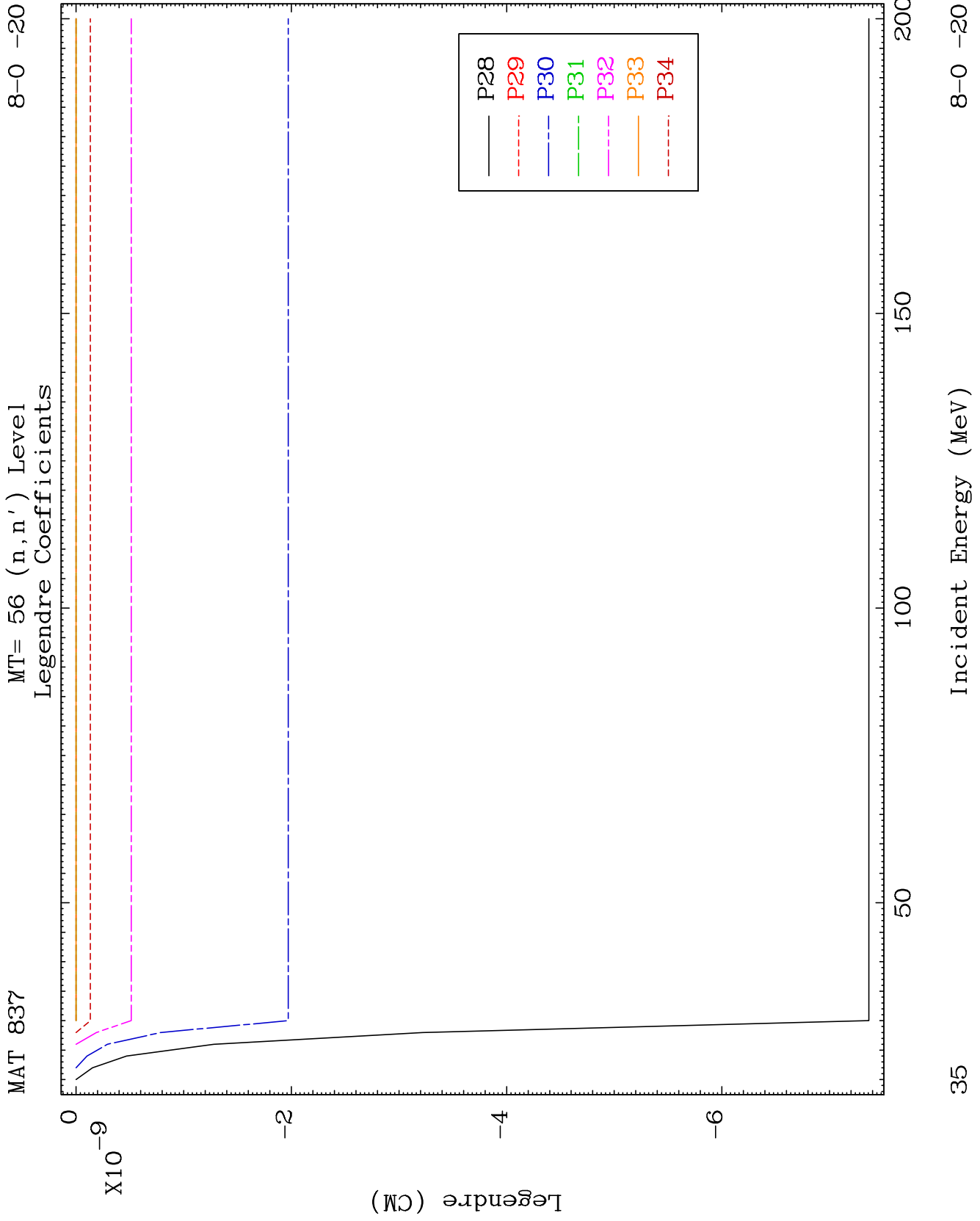


33 Incident Energy (MeV) 8-0 -20

MAT 837 MT= 56 (n,n') Level Legendre Coefficients 8-0 -20



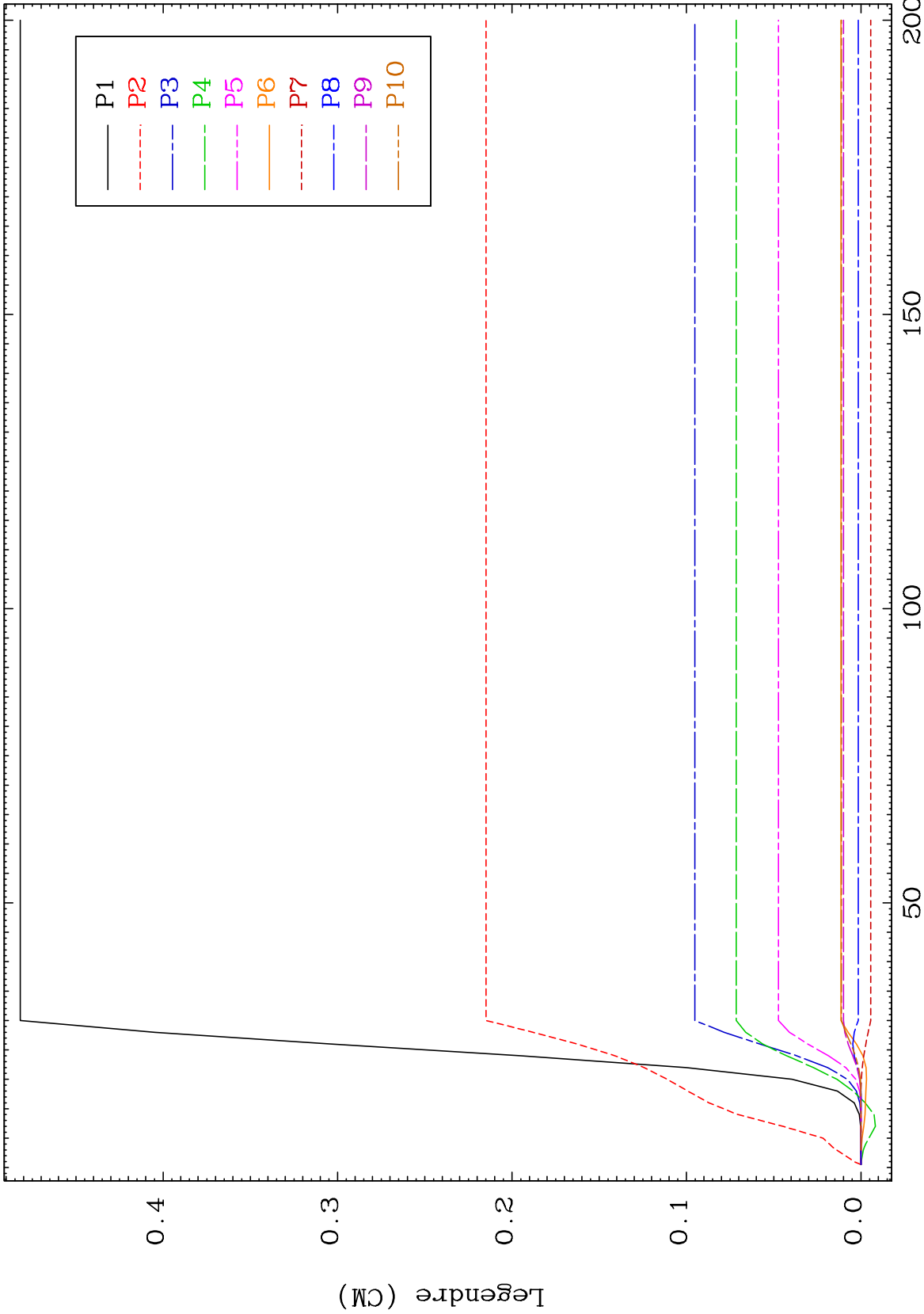
34 Incident Energy (MeV) 8-0 -20



MAT 837

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

8-0 -20



36

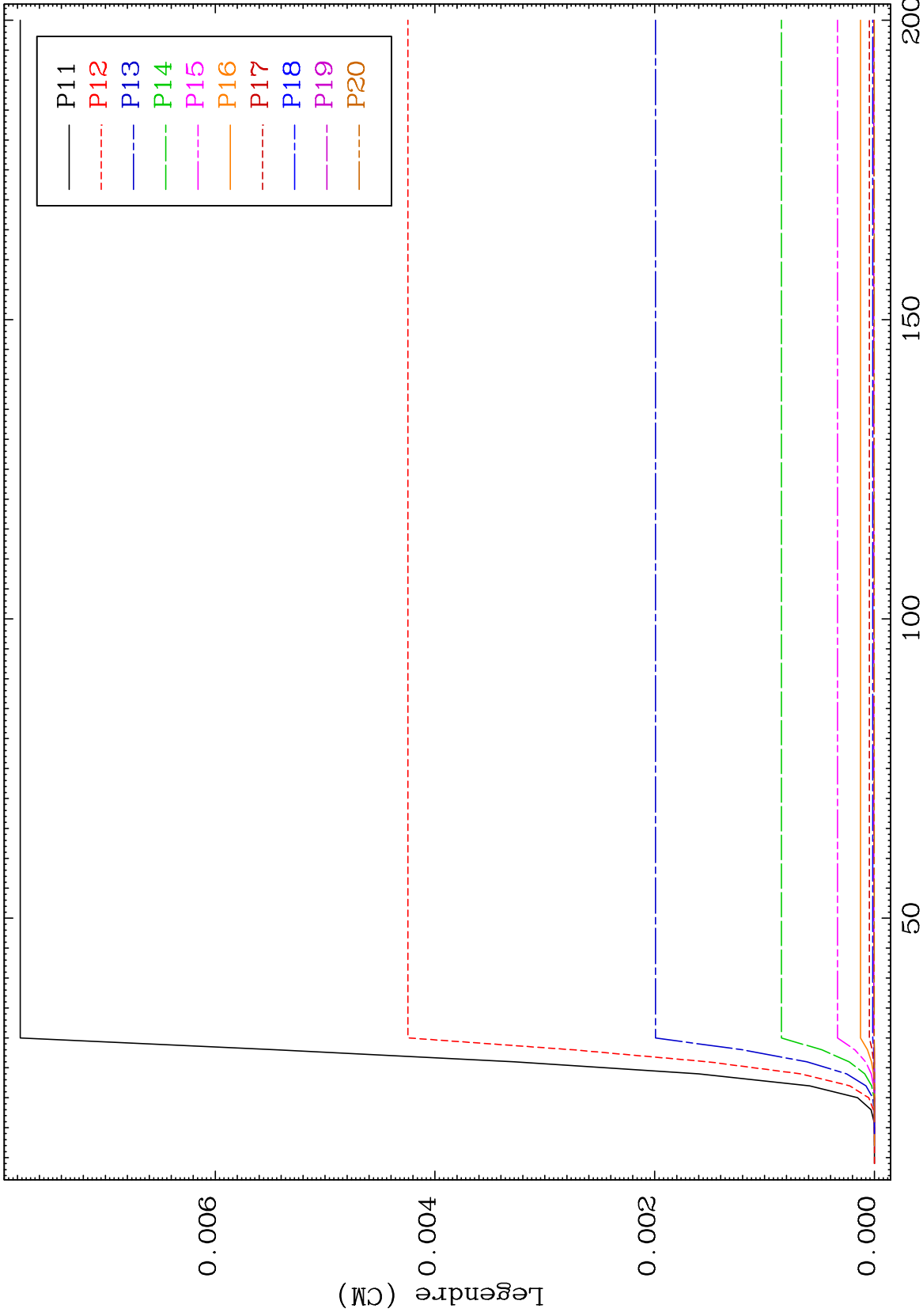
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



37

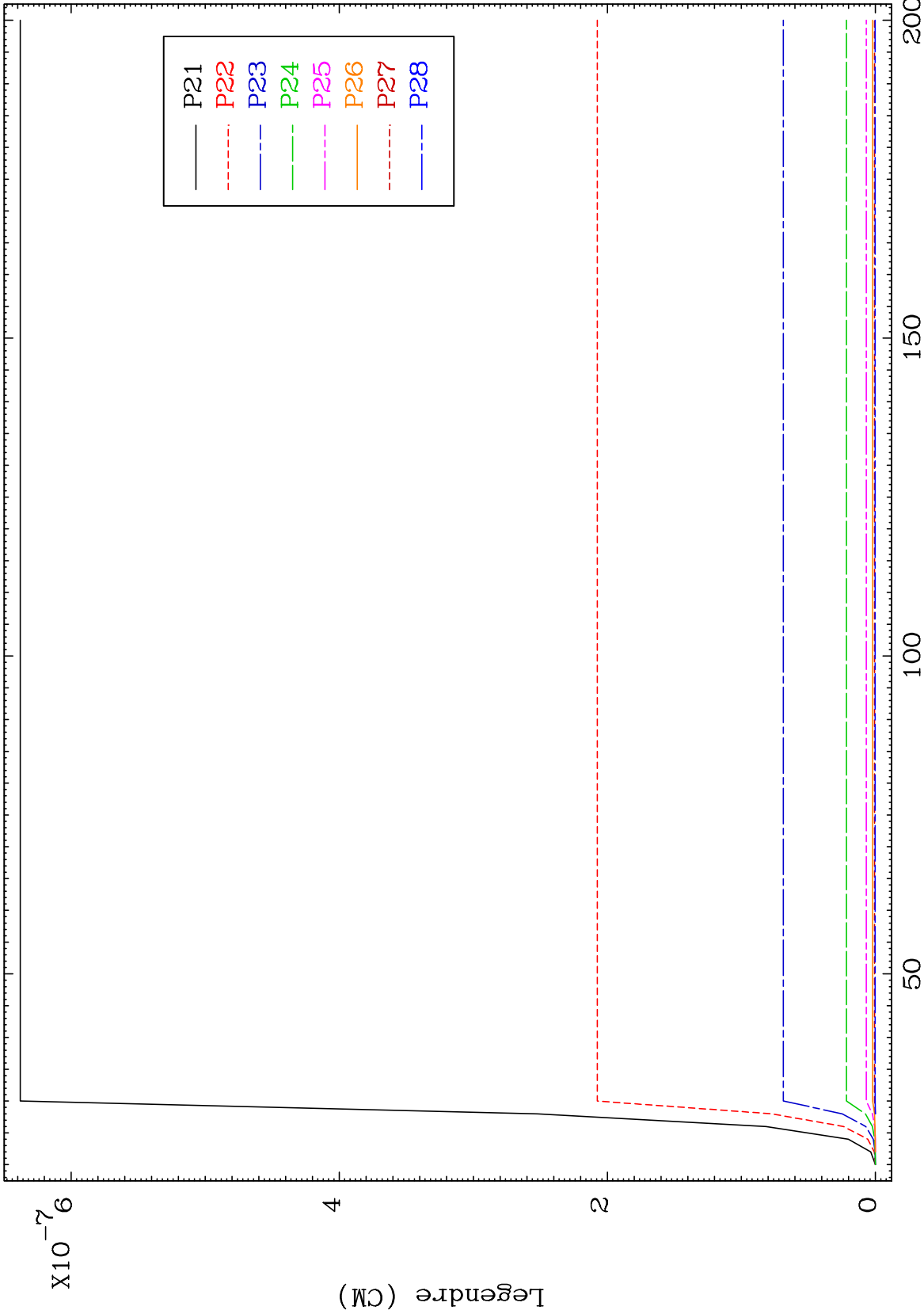
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



38

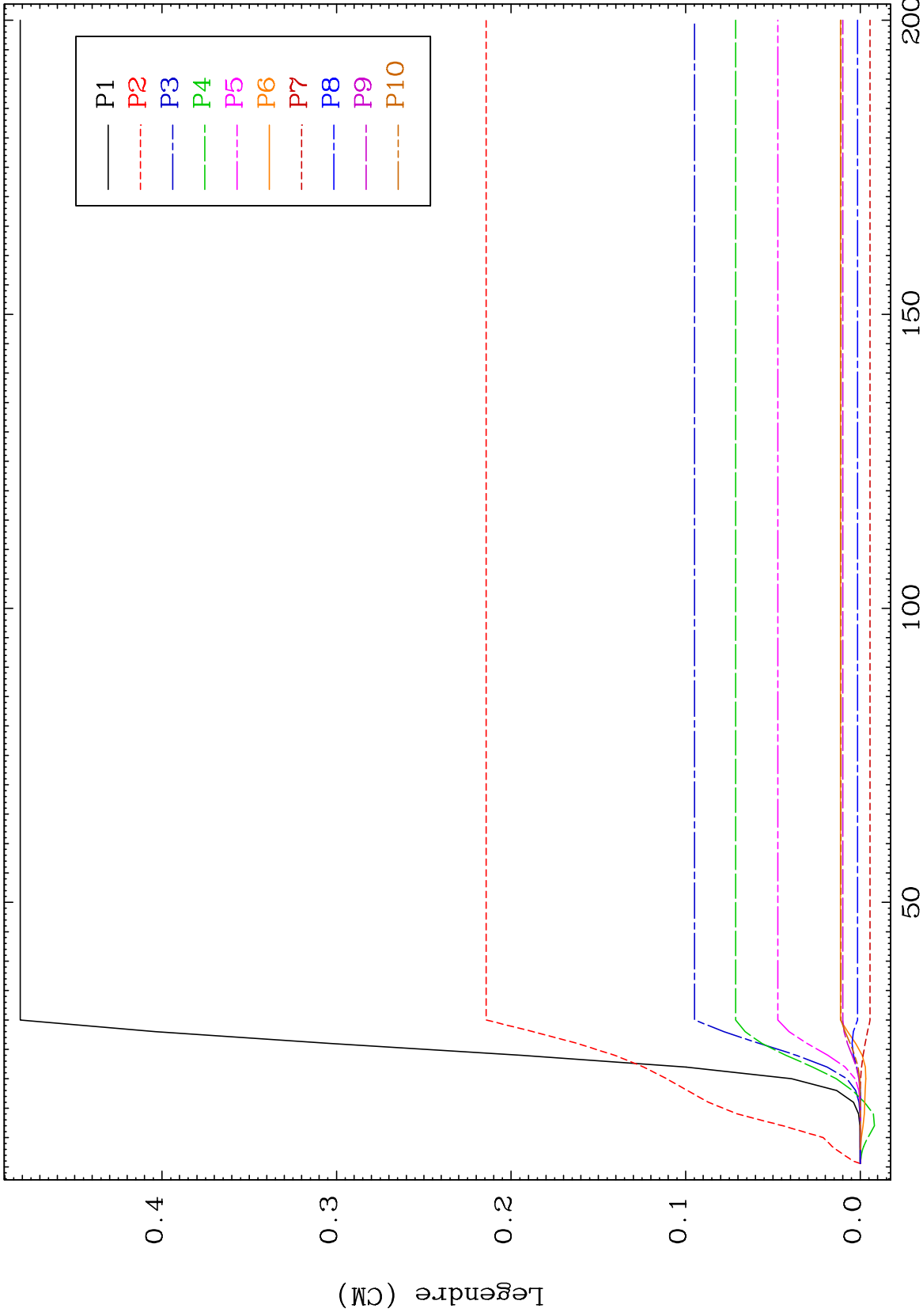
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



39

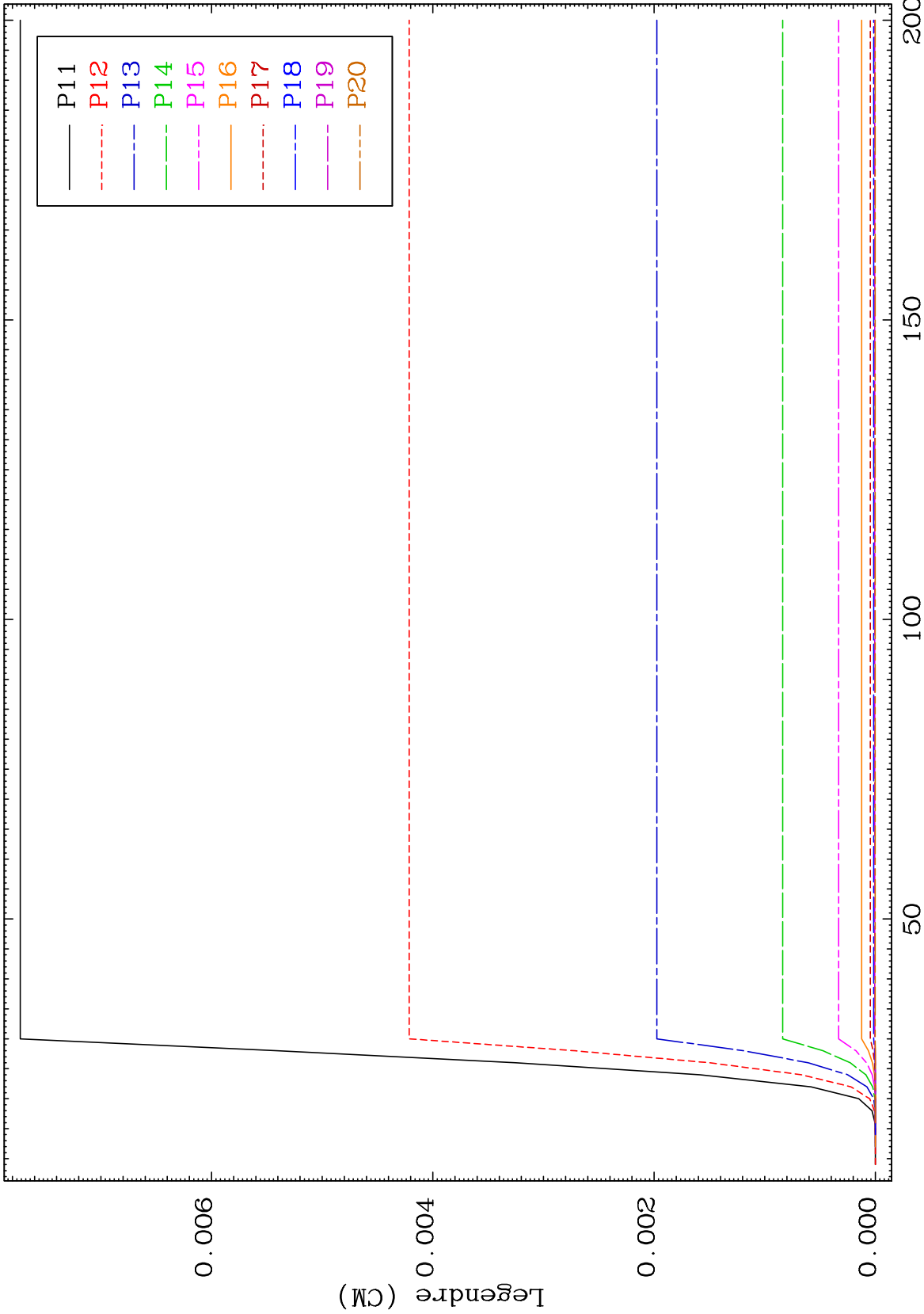
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



40

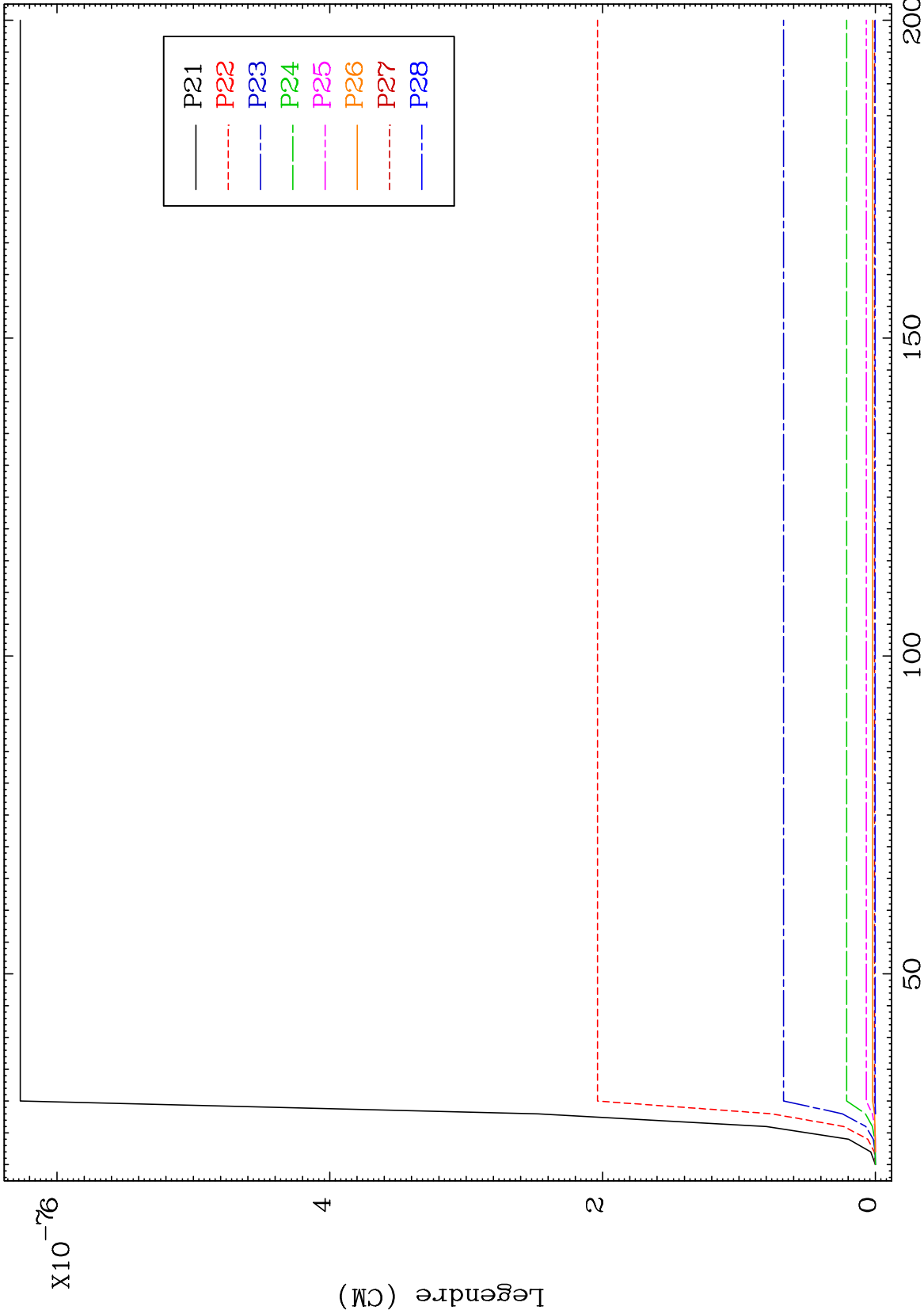
Incident Energy (MeV)

8-0 -20

MAT 837

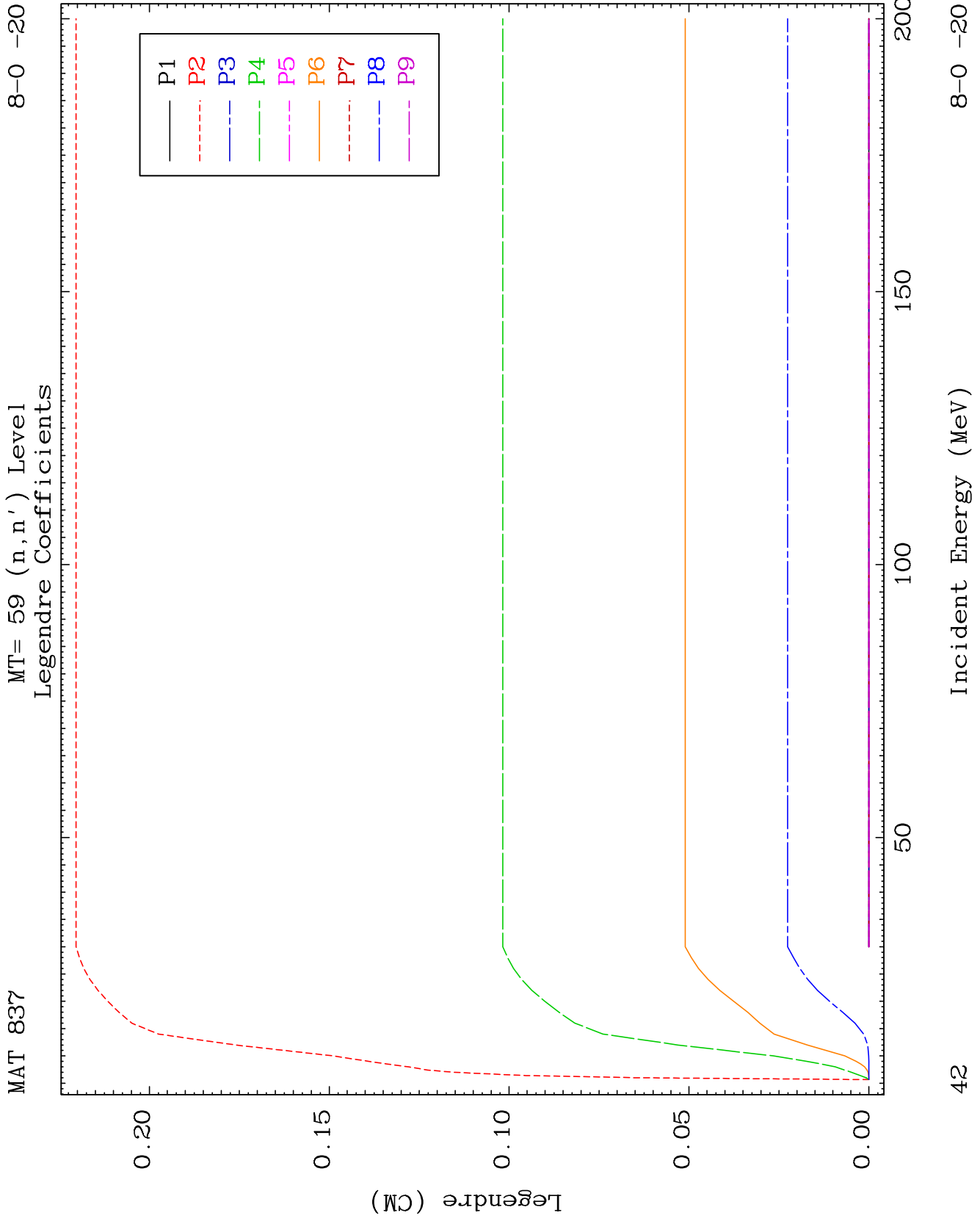
MT= 58 (n,n') Level
Legendre Coefficients

8-0 -20



41

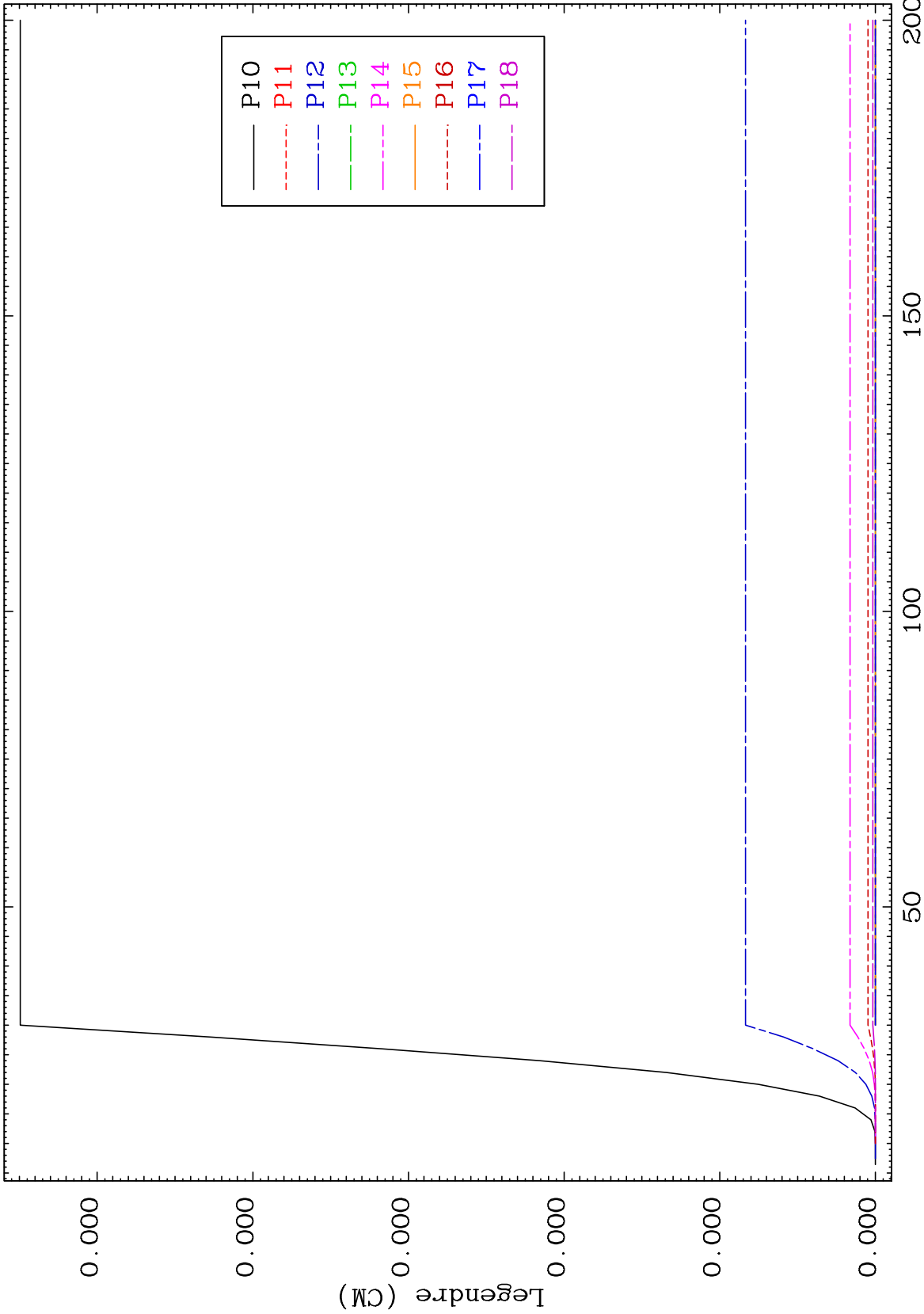
8-0 -20



MAT 837

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

8-0 -20

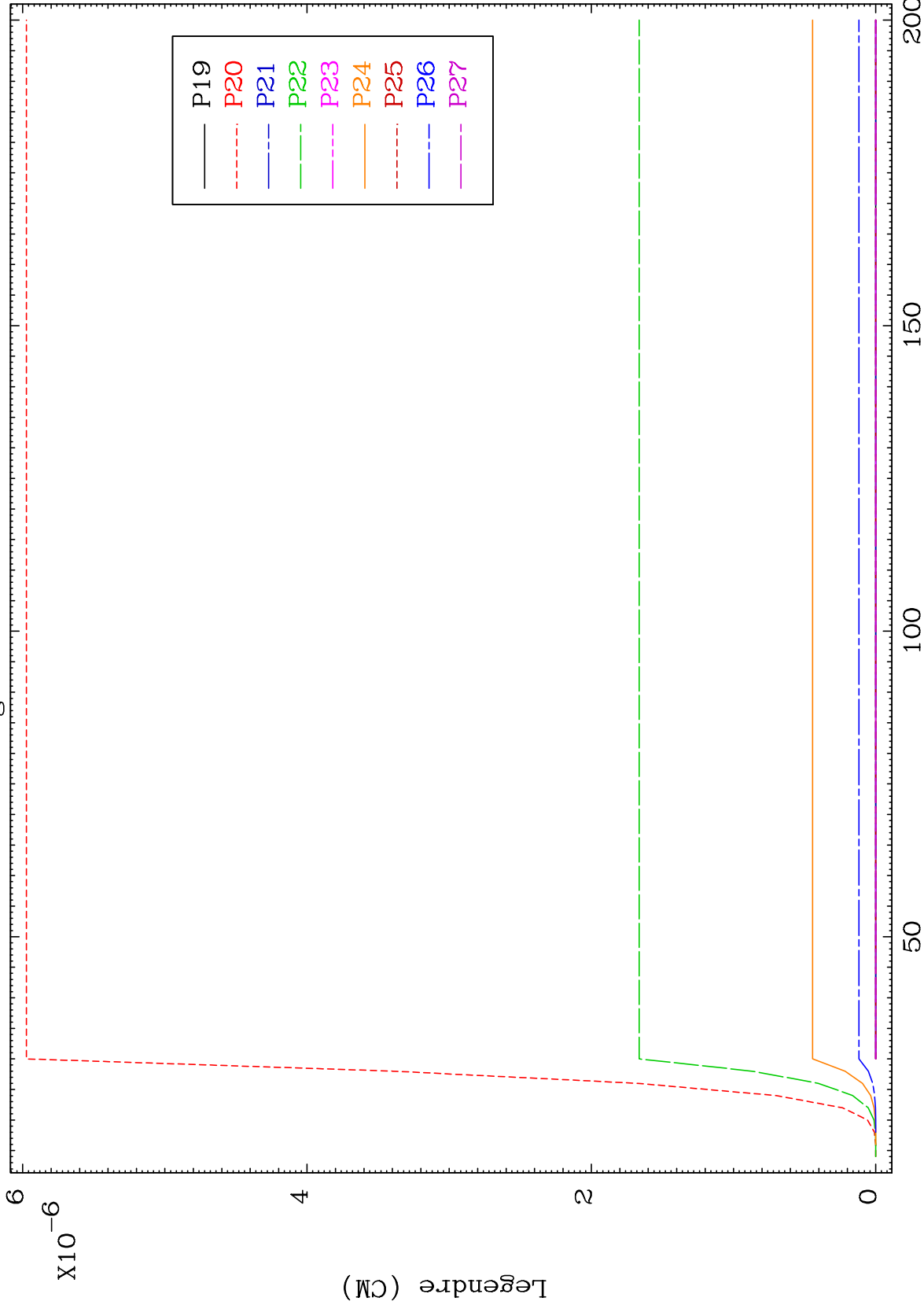


43

8-0 -20

MAT 837 MT= 59 (n,n') Level Legendre Coefficients

8-0 -20



8-0 -20

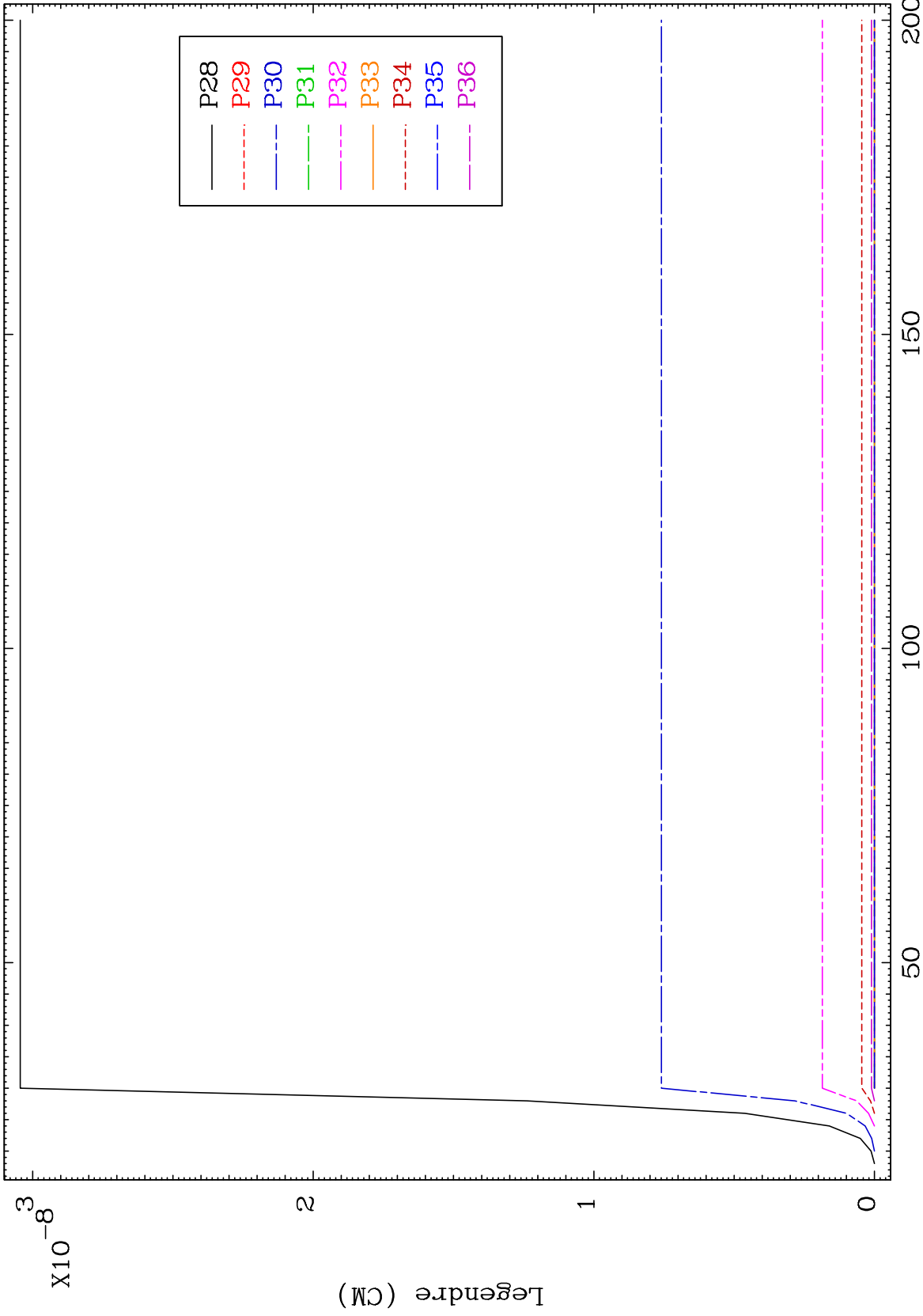
Incident Energy (MeV)

44

MAT 837

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

8-0 -20



45

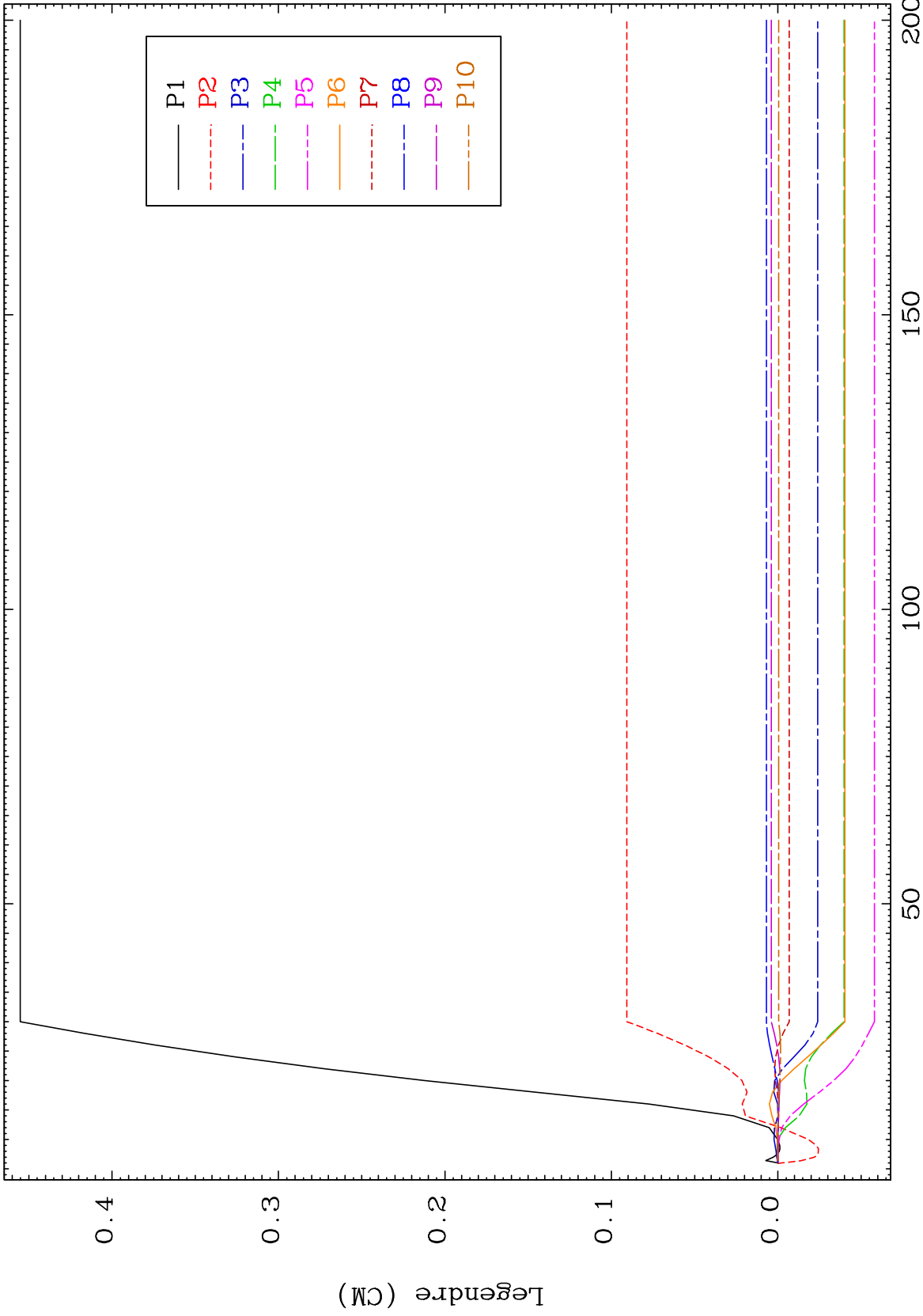
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



46

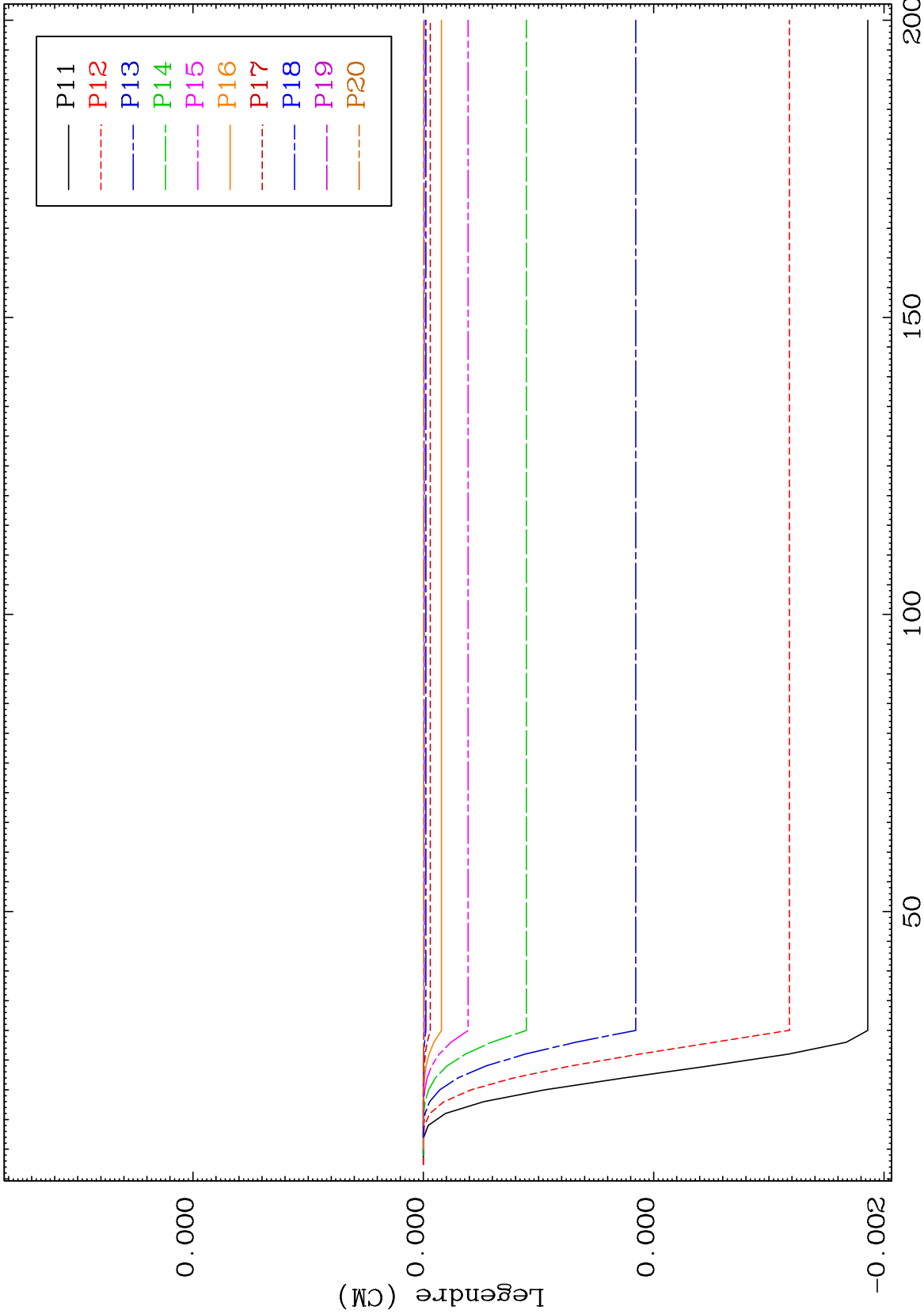
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20

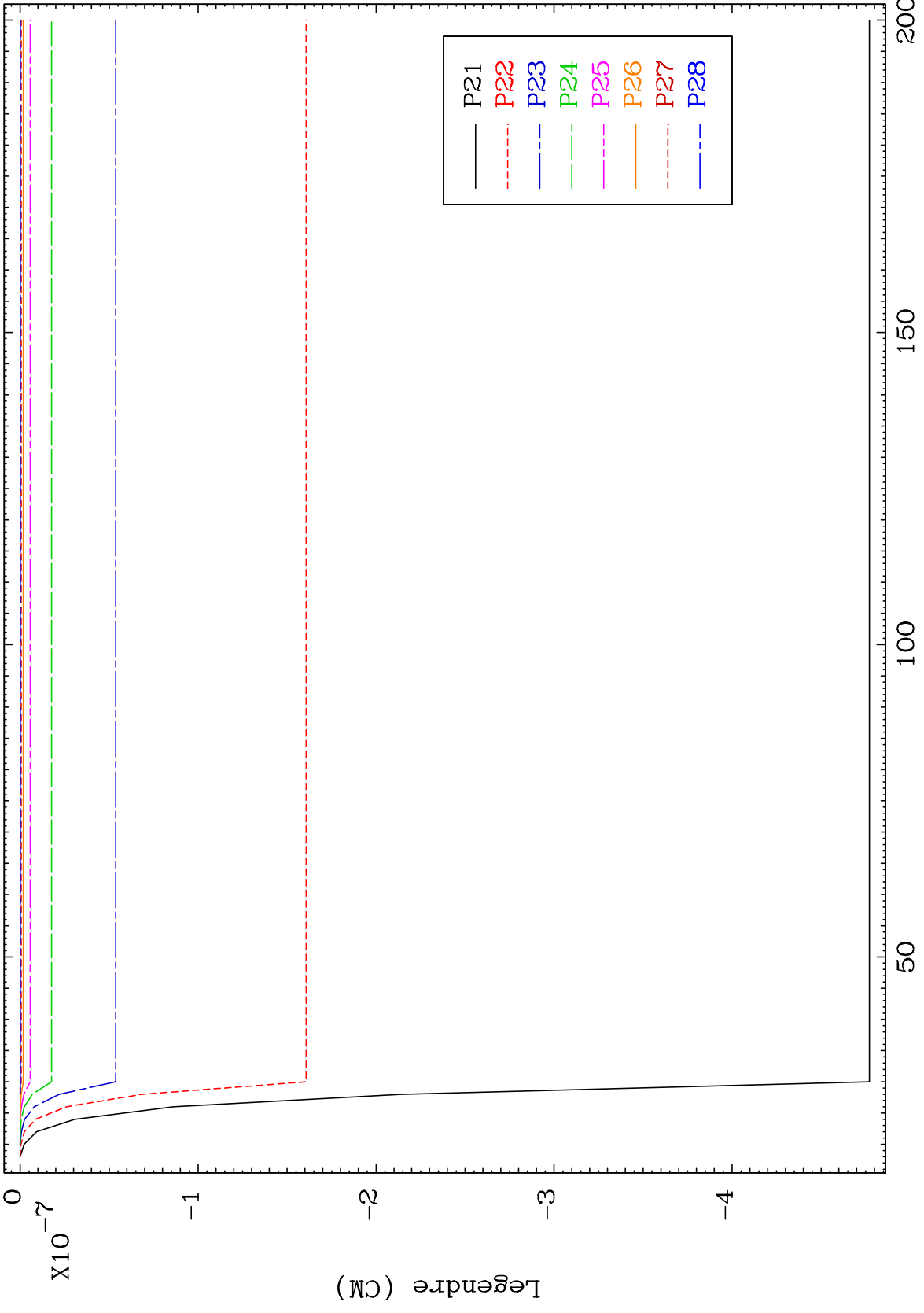


47

Incident Energy (MeV)

8-0 -20

MAT 837 MT= 60 (n,n') Level Legendre Coefficients 8-0 -20

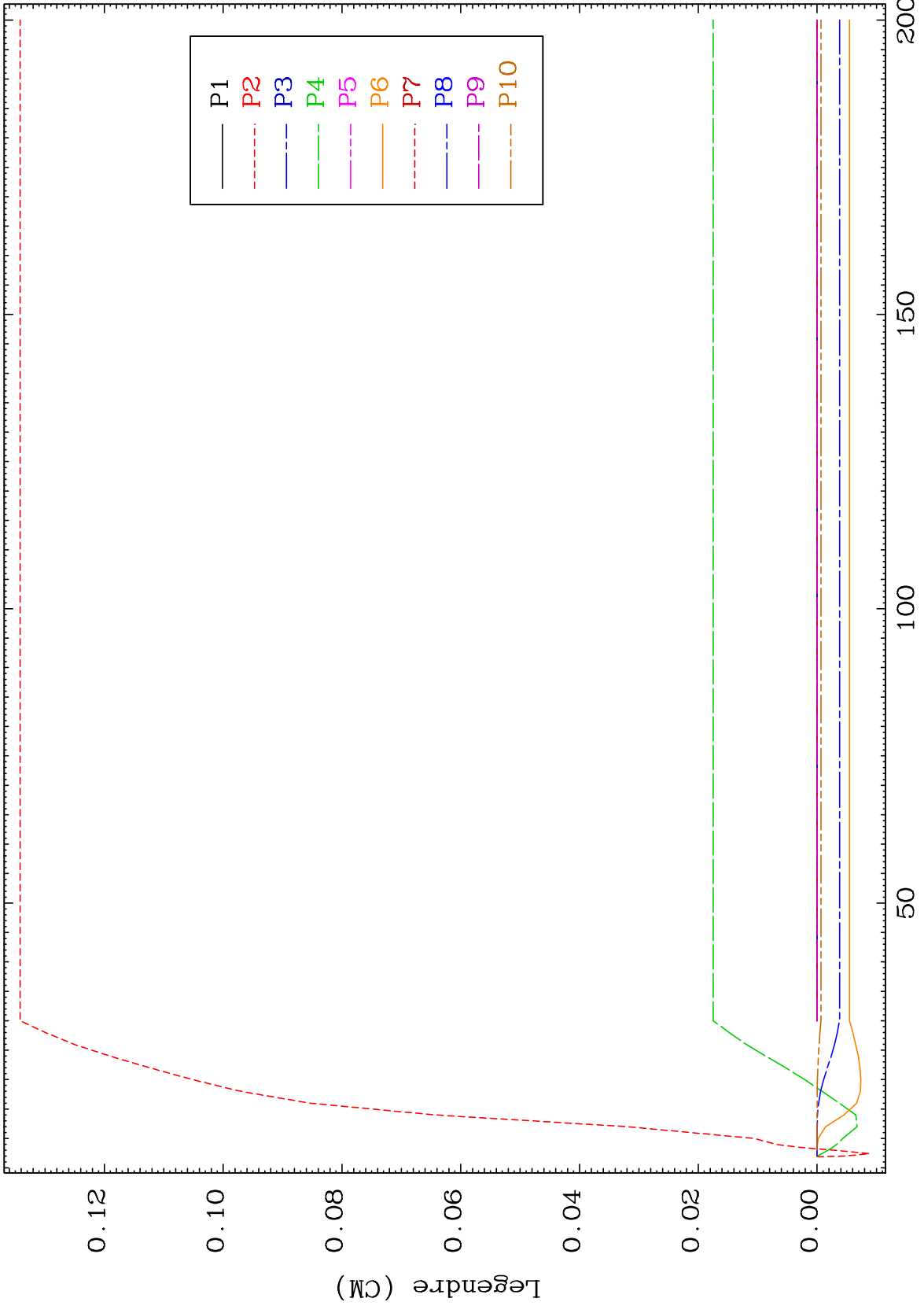


48 50 100 150 200 8-0 -20

MAT 837

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

8-0 -20

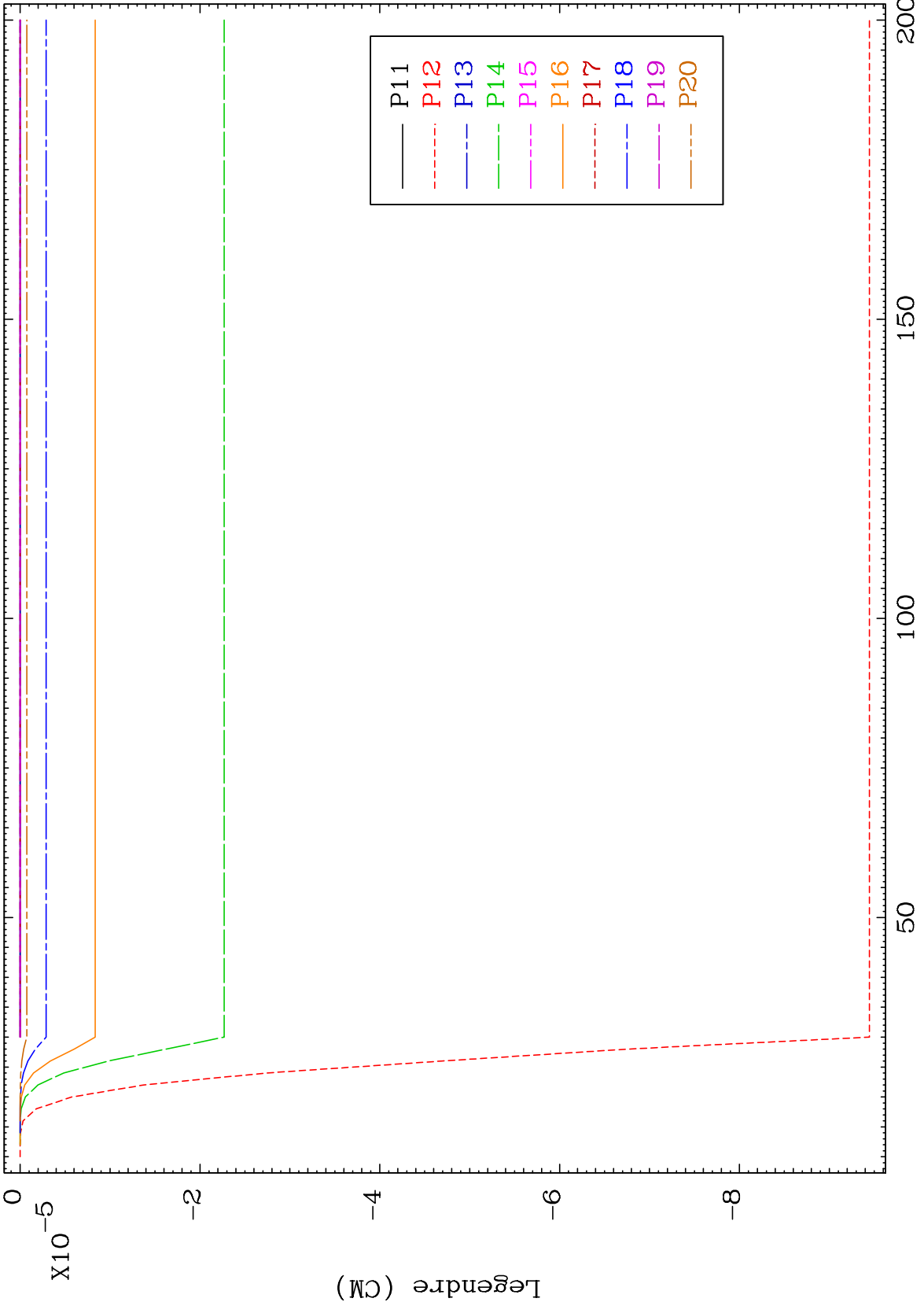


49

Incident Energy (MeV)

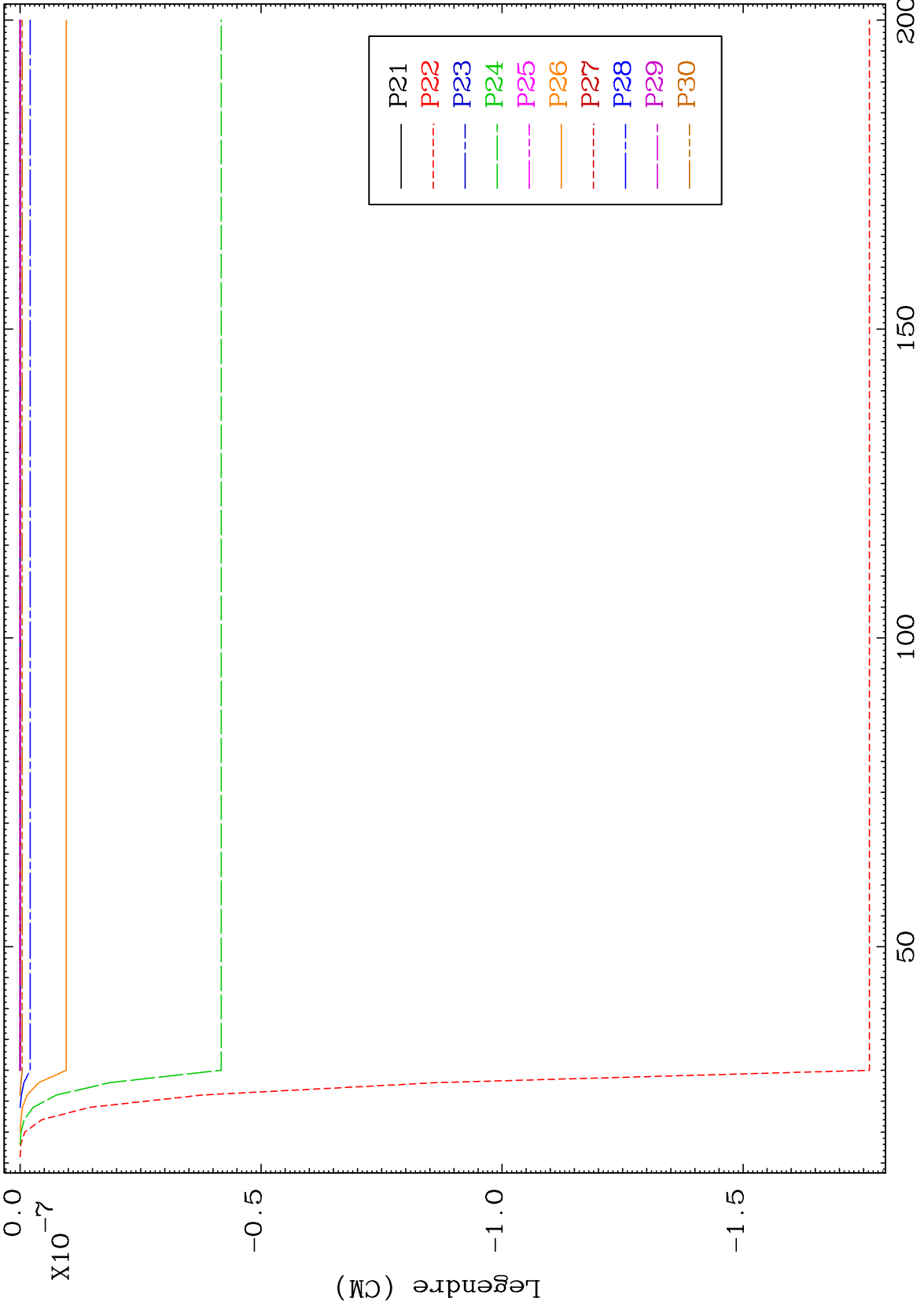
8-0 -20

MAT 837 MT= 61 (n,n') Level Legendre Coefficients



8-0 -20 Incident Energy (MeV) 8-0 -20

MAT 837 MT= 61 (n,n') Level Legendre Coefficients 8-0 -20

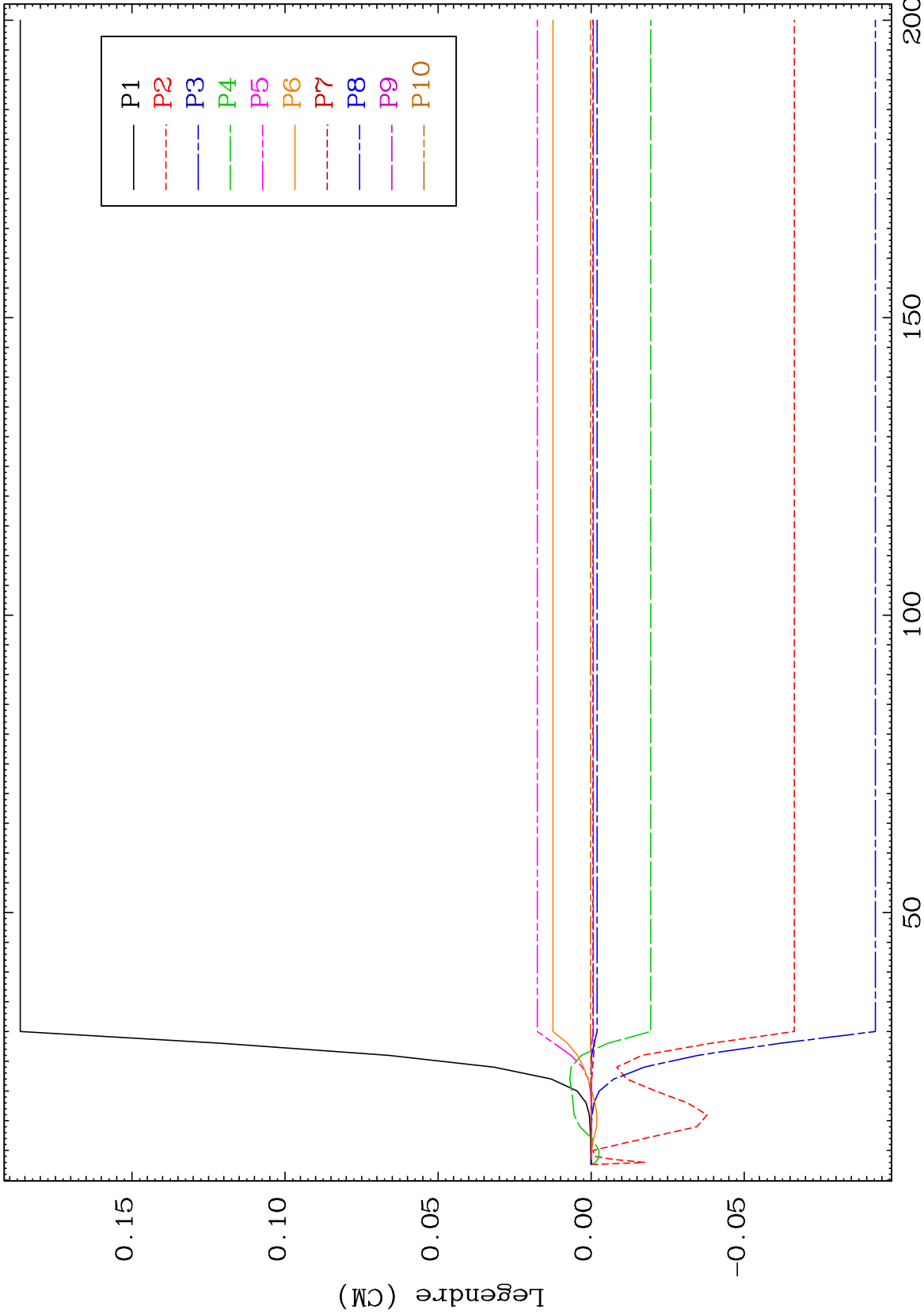


51 Incident Energy (MeV) 8-0 -20

MAT 837

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

8-0 -20



52

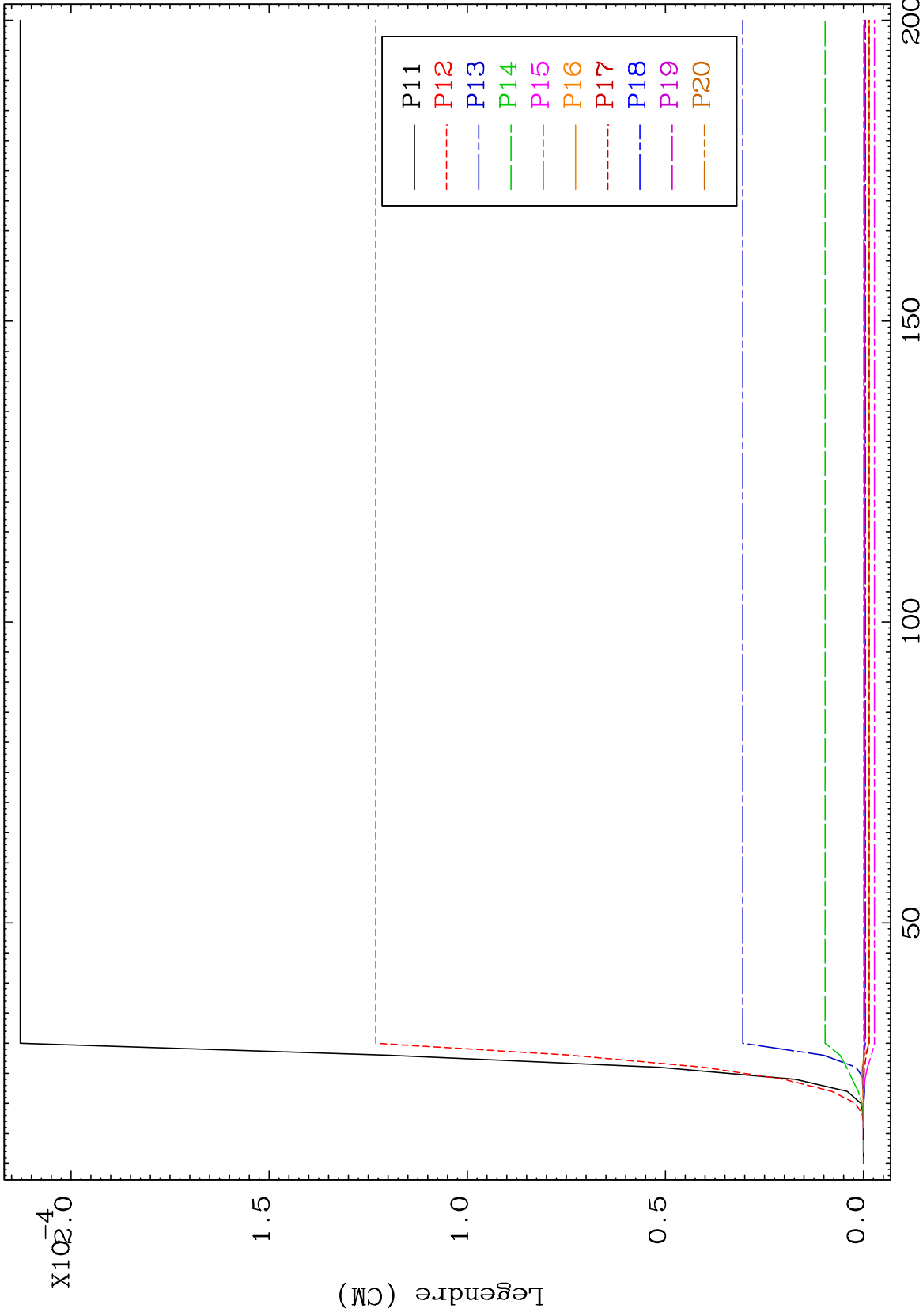
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20

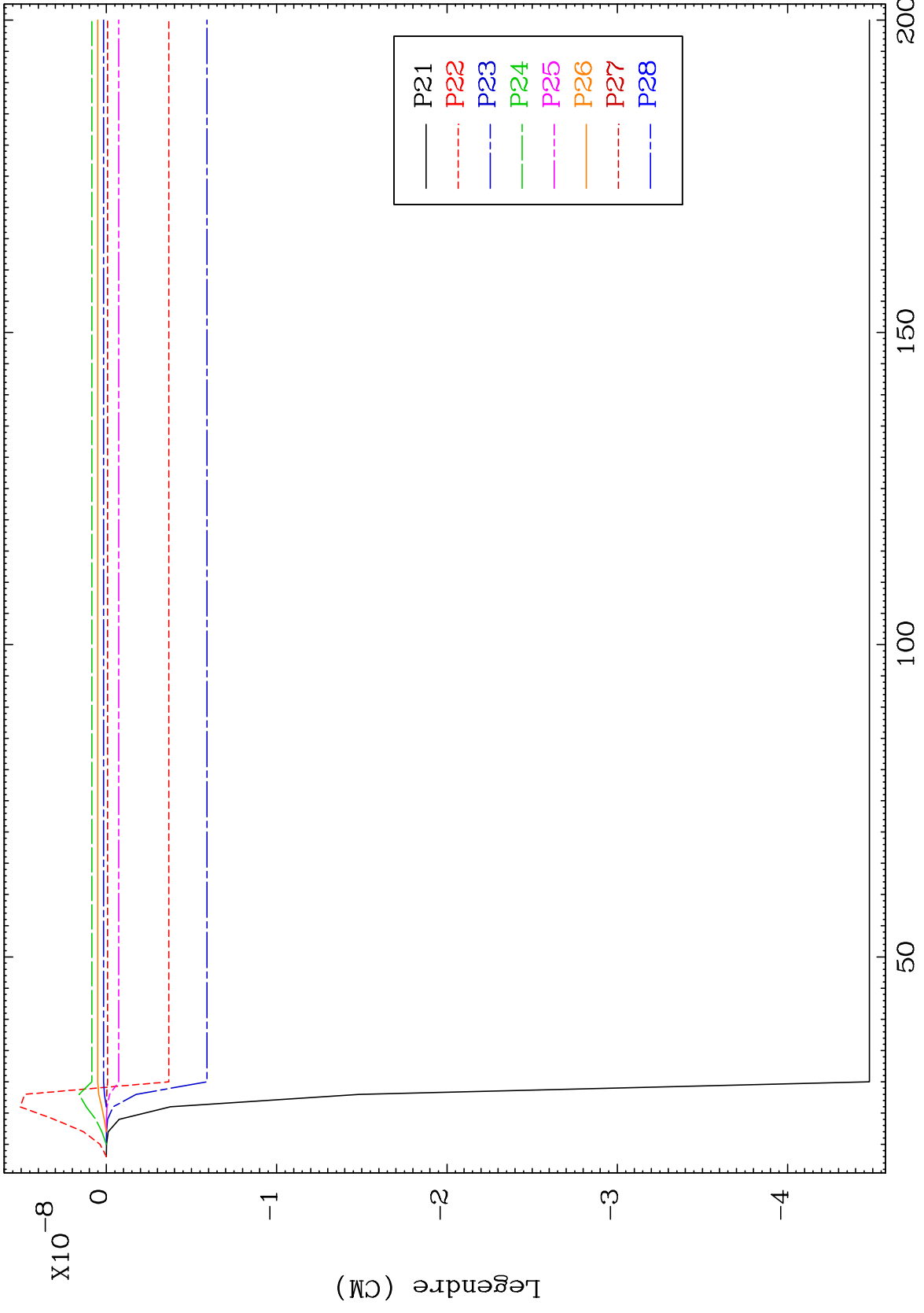


53

Incident Energy (MeV)

8-0 -20

MAT 837 MT= 62 (n,n') Level Legendre Coefficients 8-0 -20

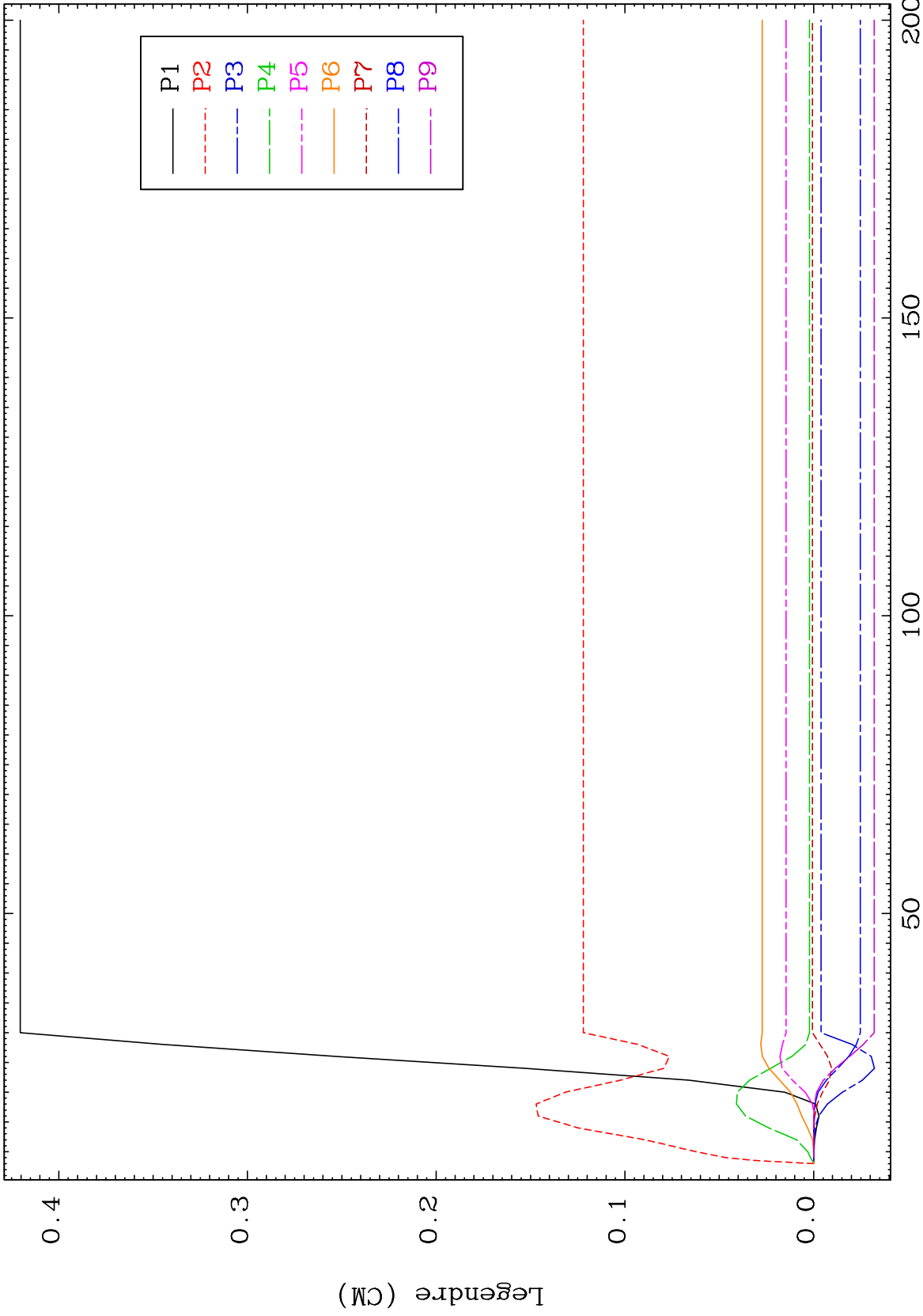


54 8-0 -20

MAT 837

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

8-0 -20

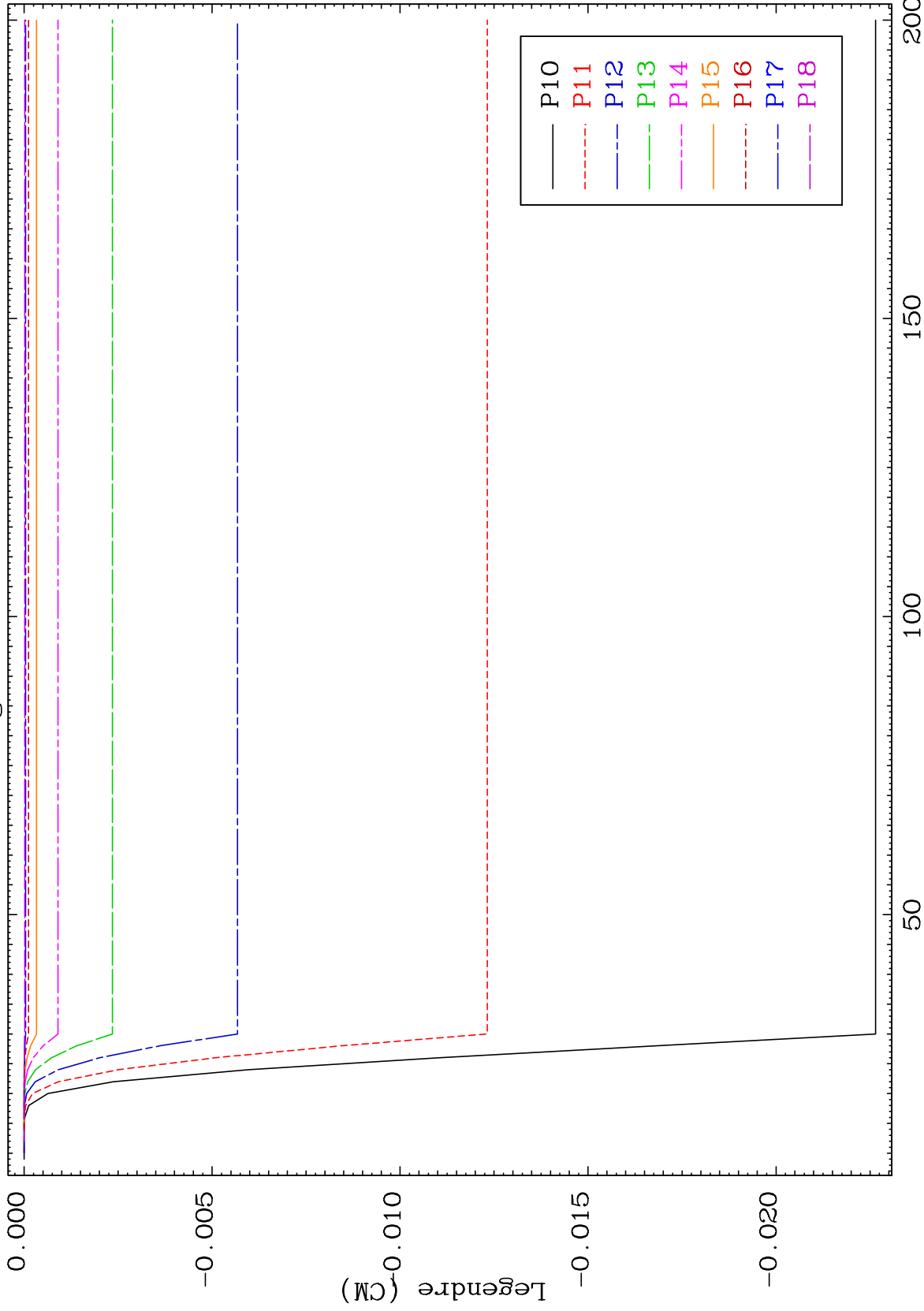


55

Incident Energy (MeV)

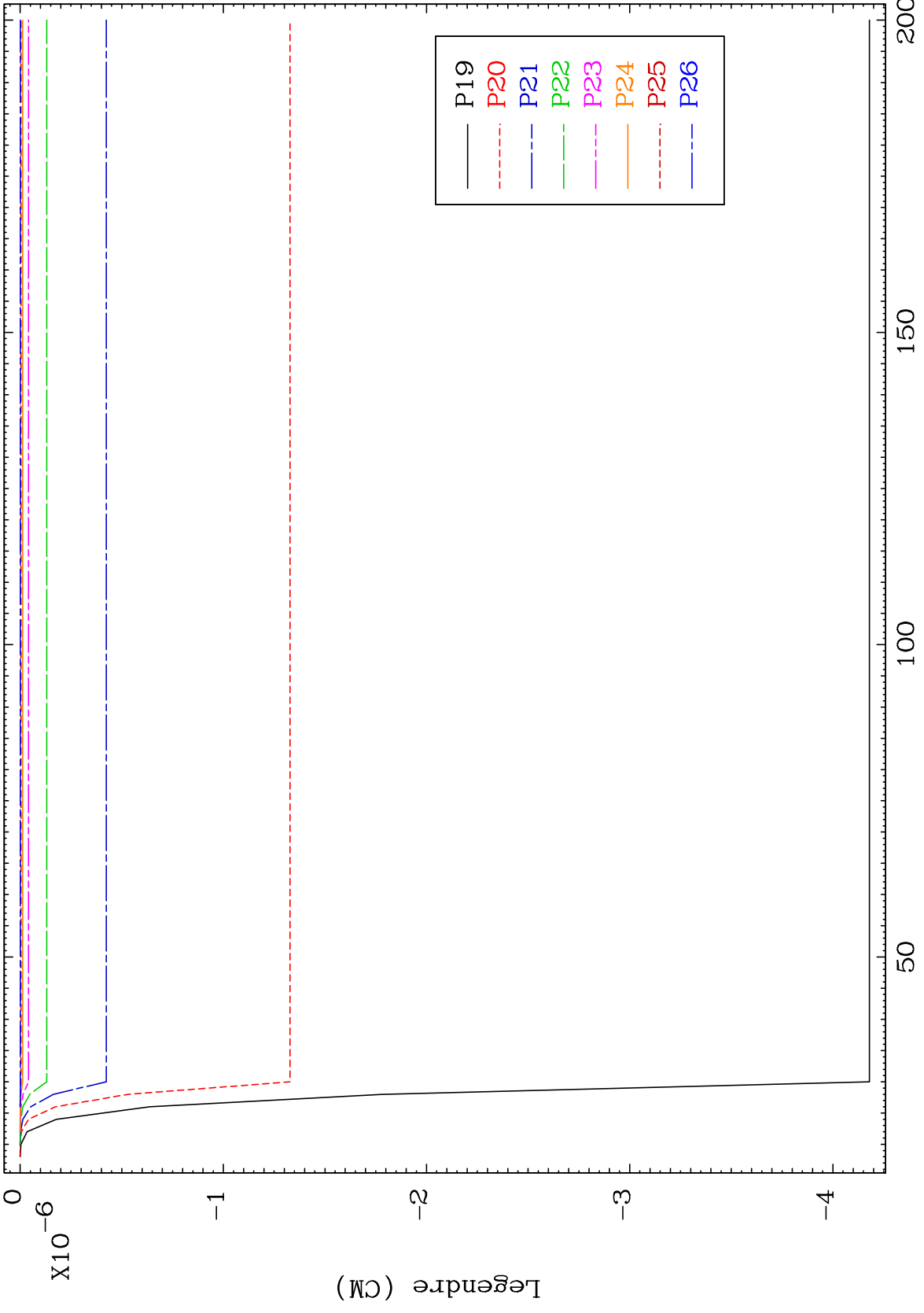
8-0 -20

MAT 837 MT= 63 (n,n') Level Legendre Coefficients



56 Incident Energy (MeV) 8-0 -20

MAT 837 MT= 63 (n,n') Level Legendre Coefficients

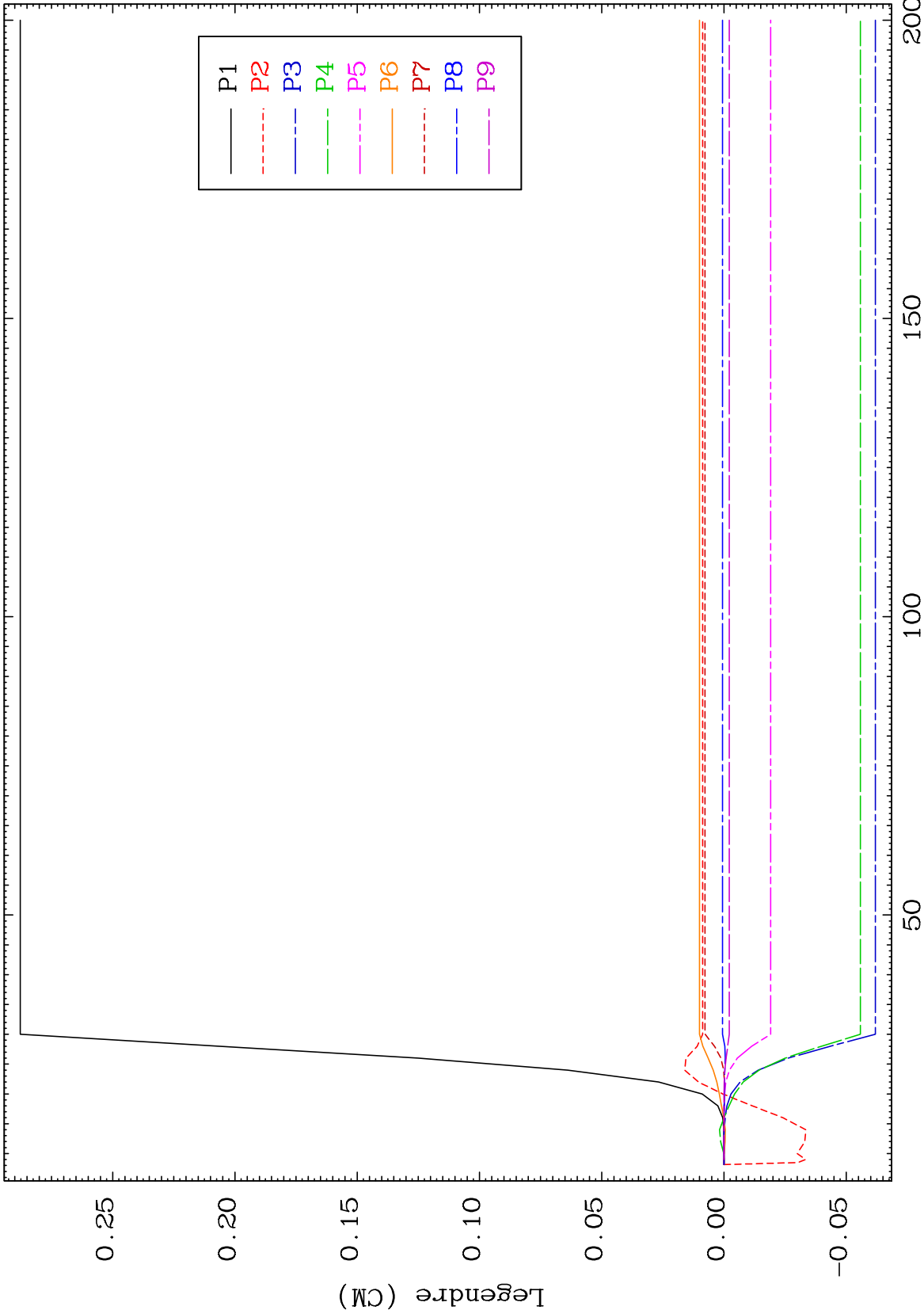


57 8-0 -20 Incident Energy (MeV) 8-0 -20

MAT 837

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

8-0 -20



58

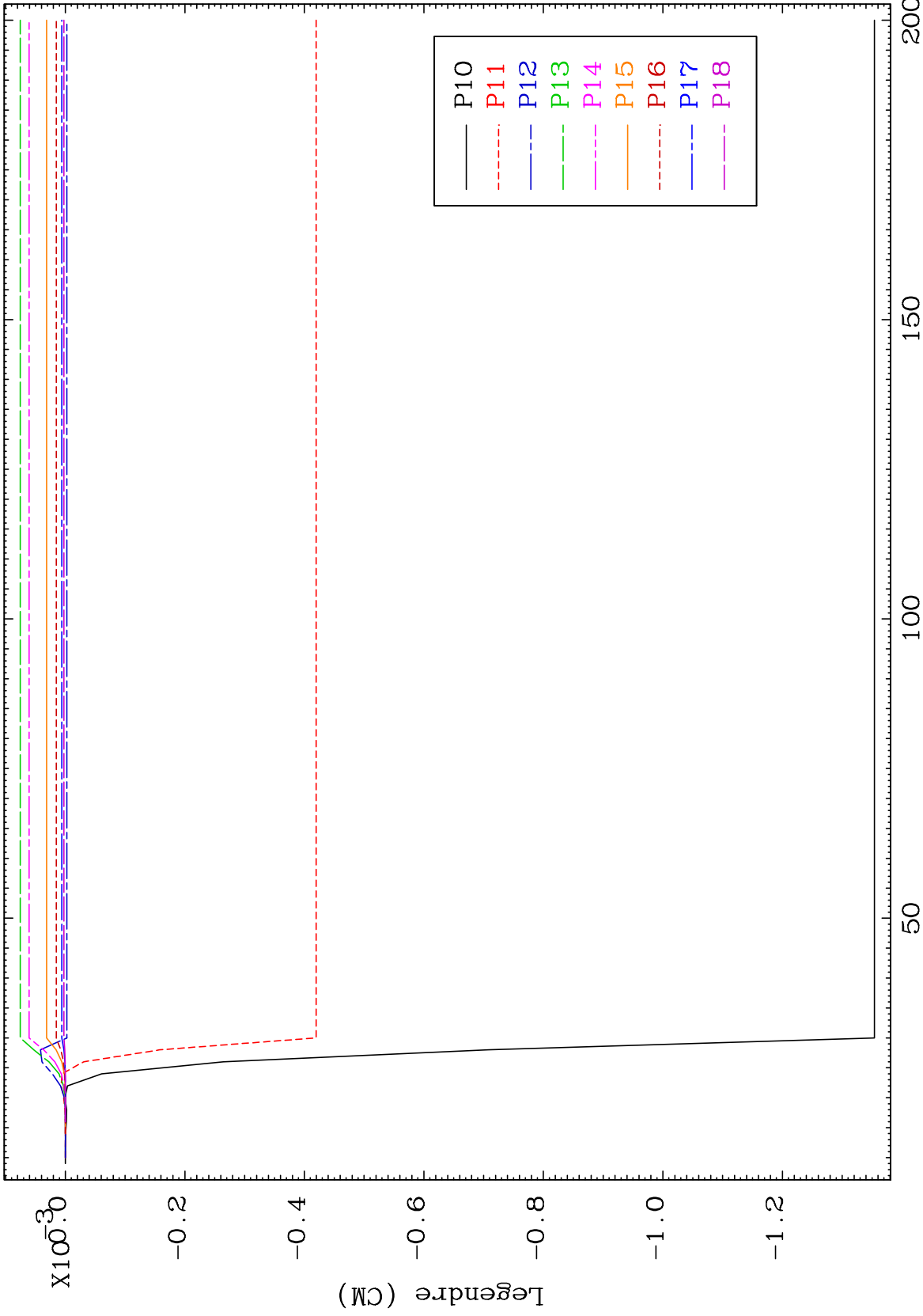
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



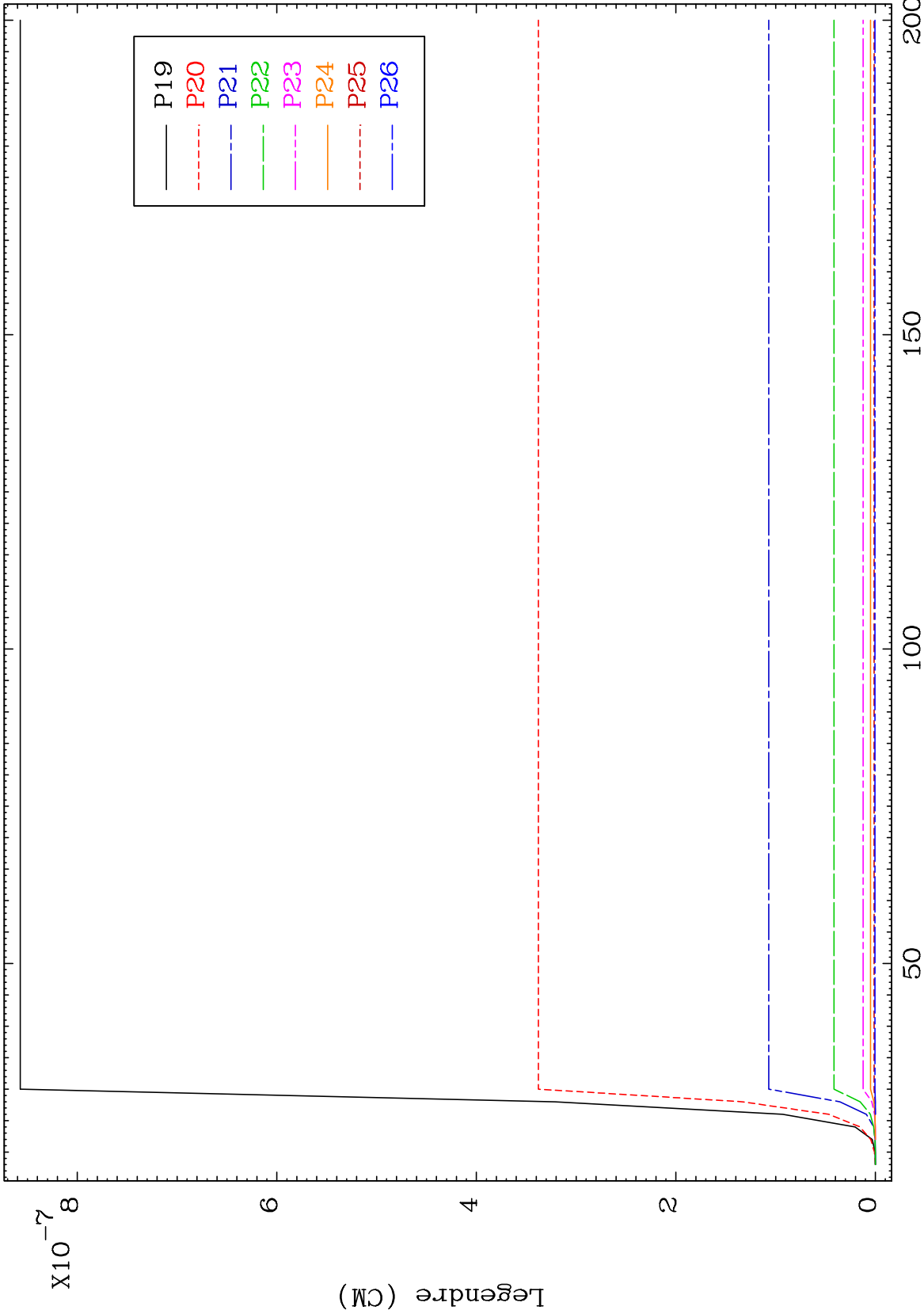
59

8-0 -20

MAT 837

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

8-0 -20



60

50

100

150

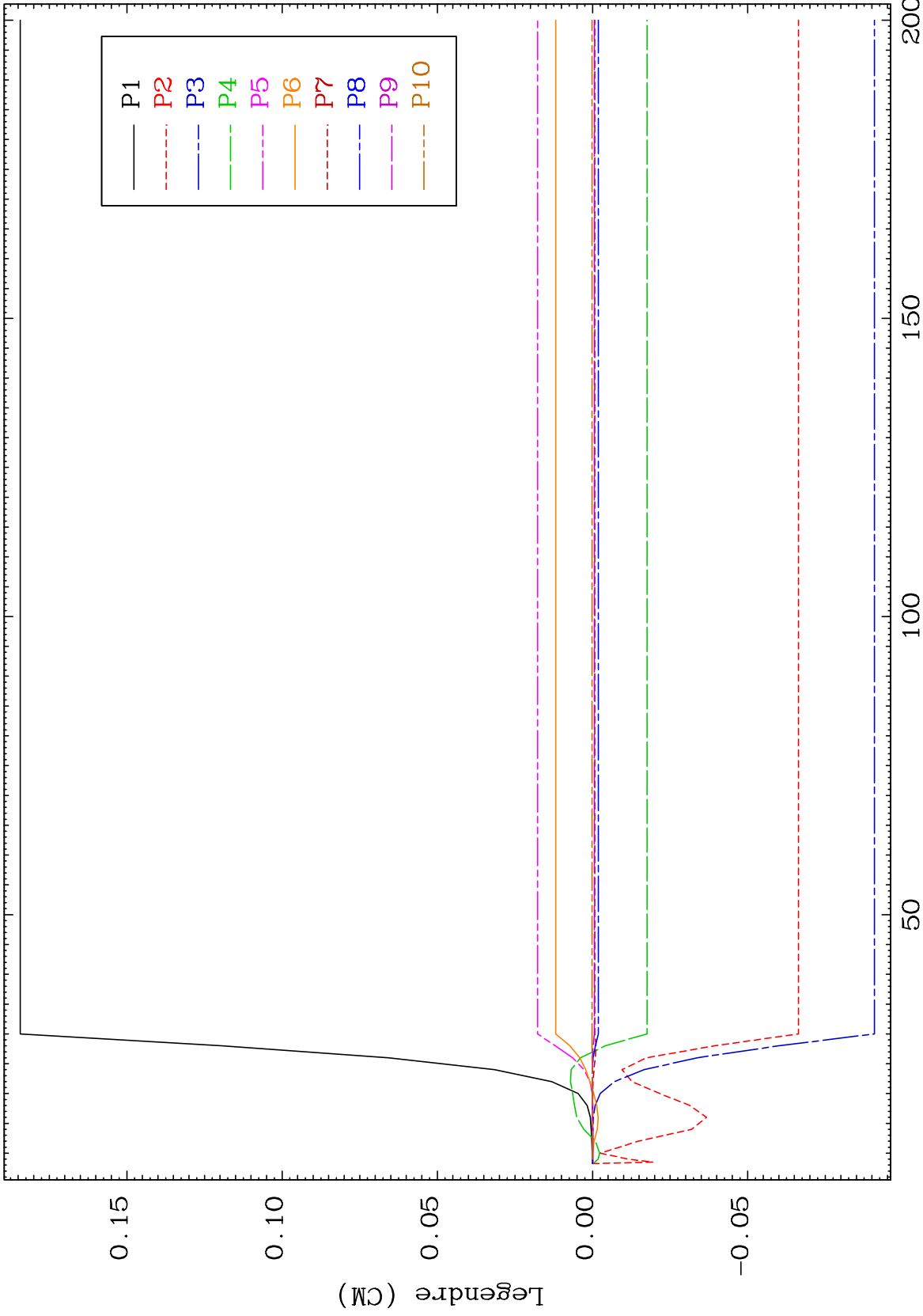
200

8-0 -20

MAT 837

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

8-0 -20



61

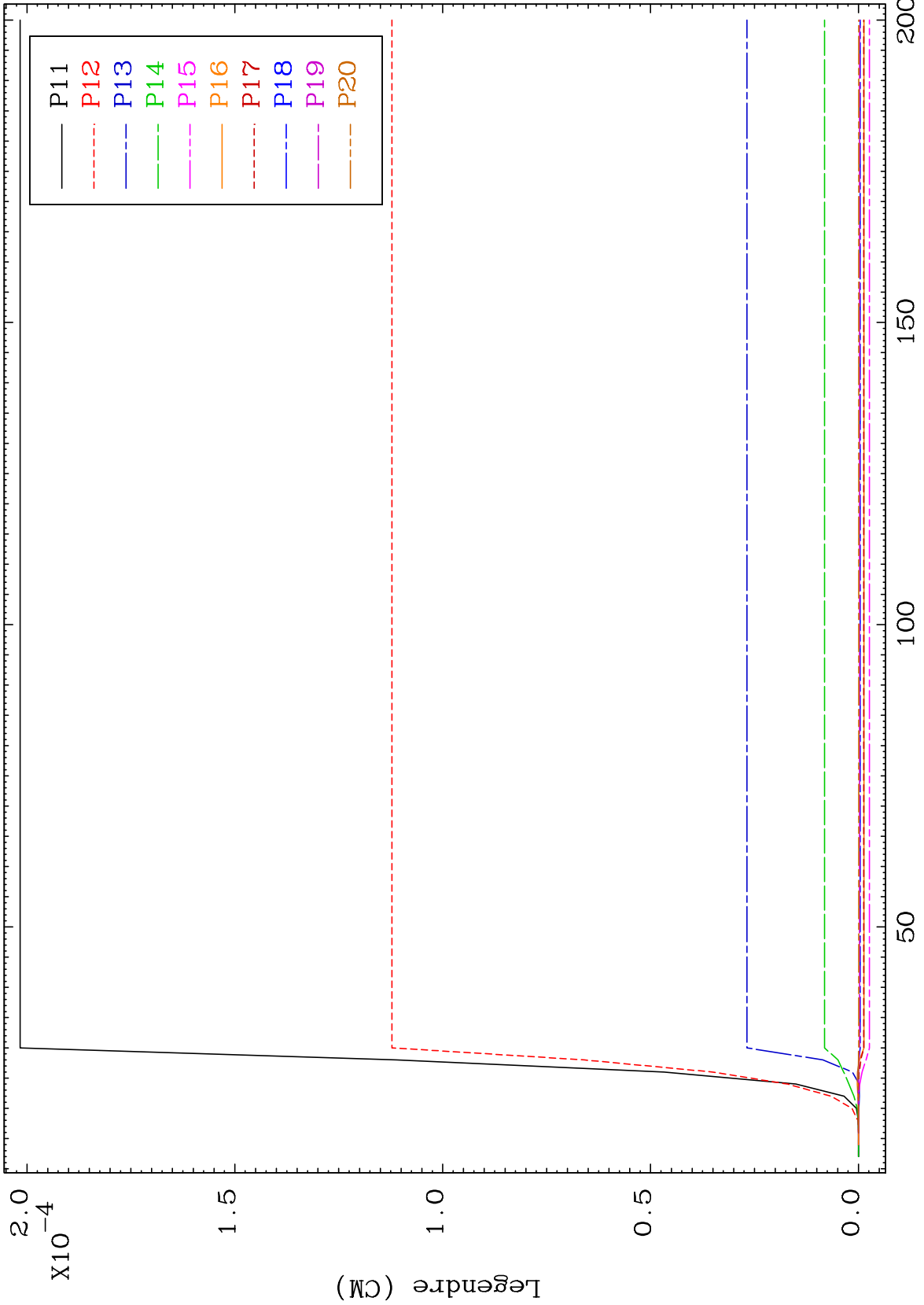
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20

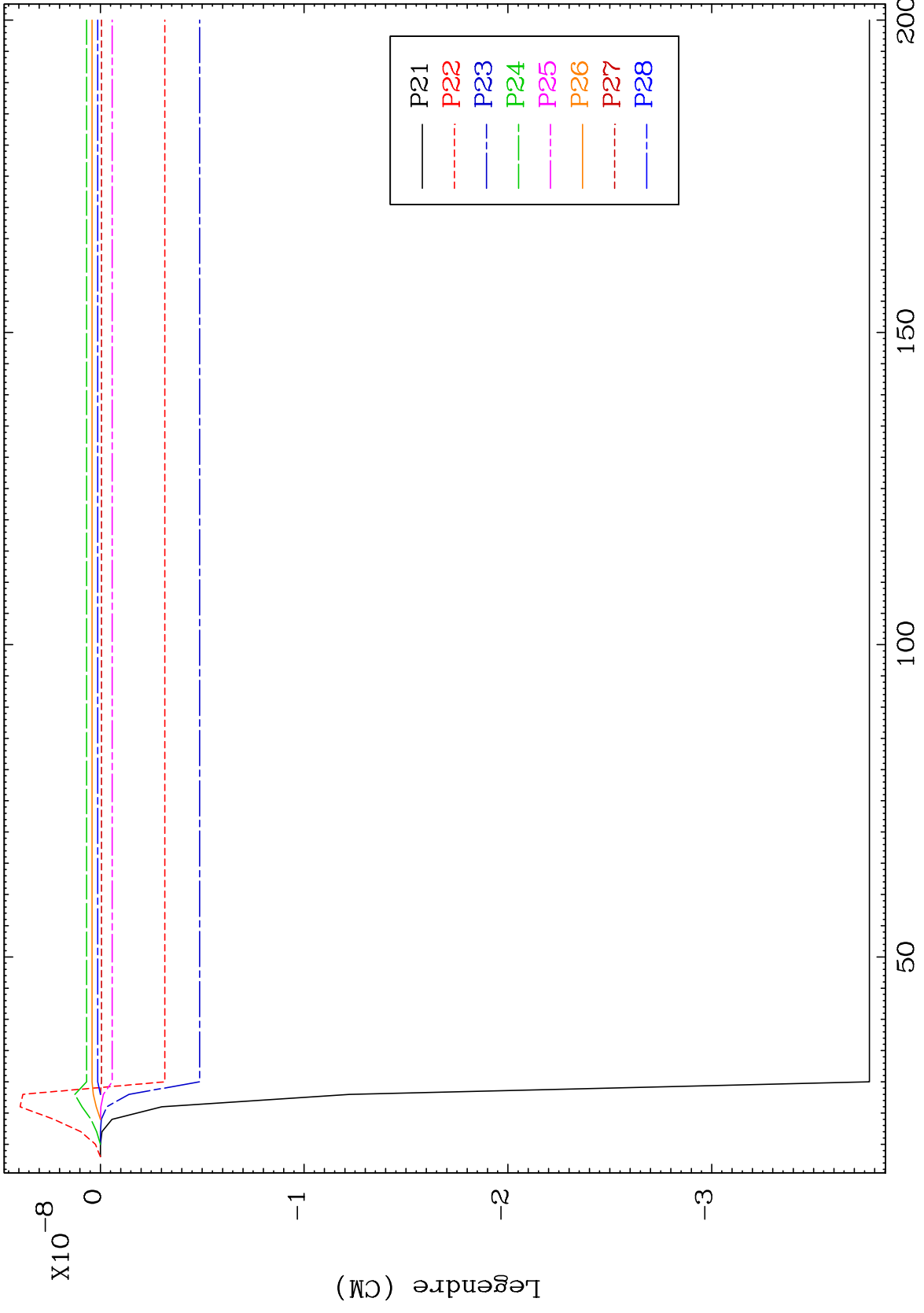


62

Incident Energy (MeV)

8-0 -20

MAT 837 MT= 65 (n,n') Level Legendre Coefficients 8-0 -20

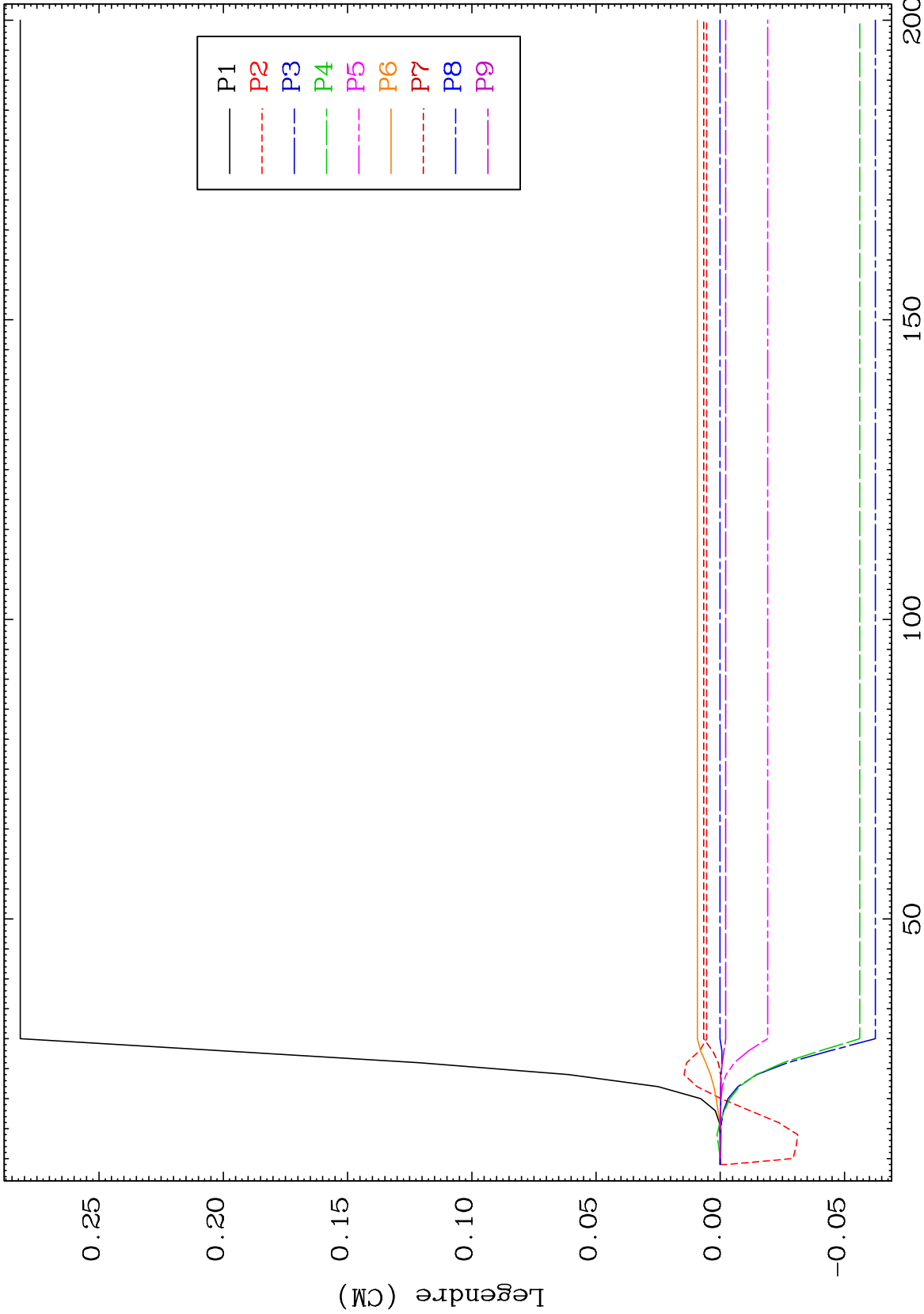


63 8-0 -20

MAT 837

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

8-0 -20

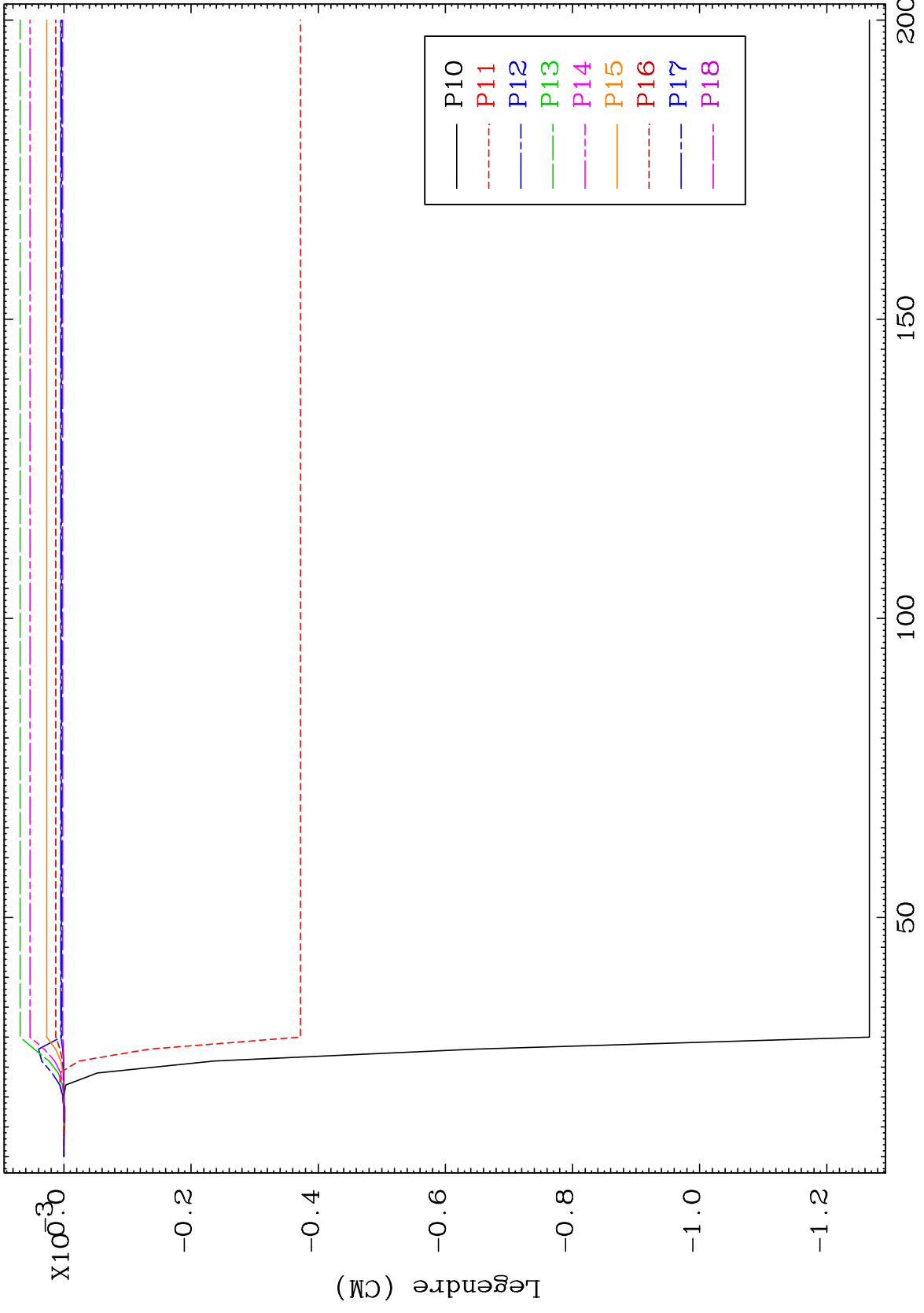


64

Incident Energy (MeV)

8-0 -20

MAT 837 MT= 66 (n,n') Level Legendre Coefficients 8-0 -20

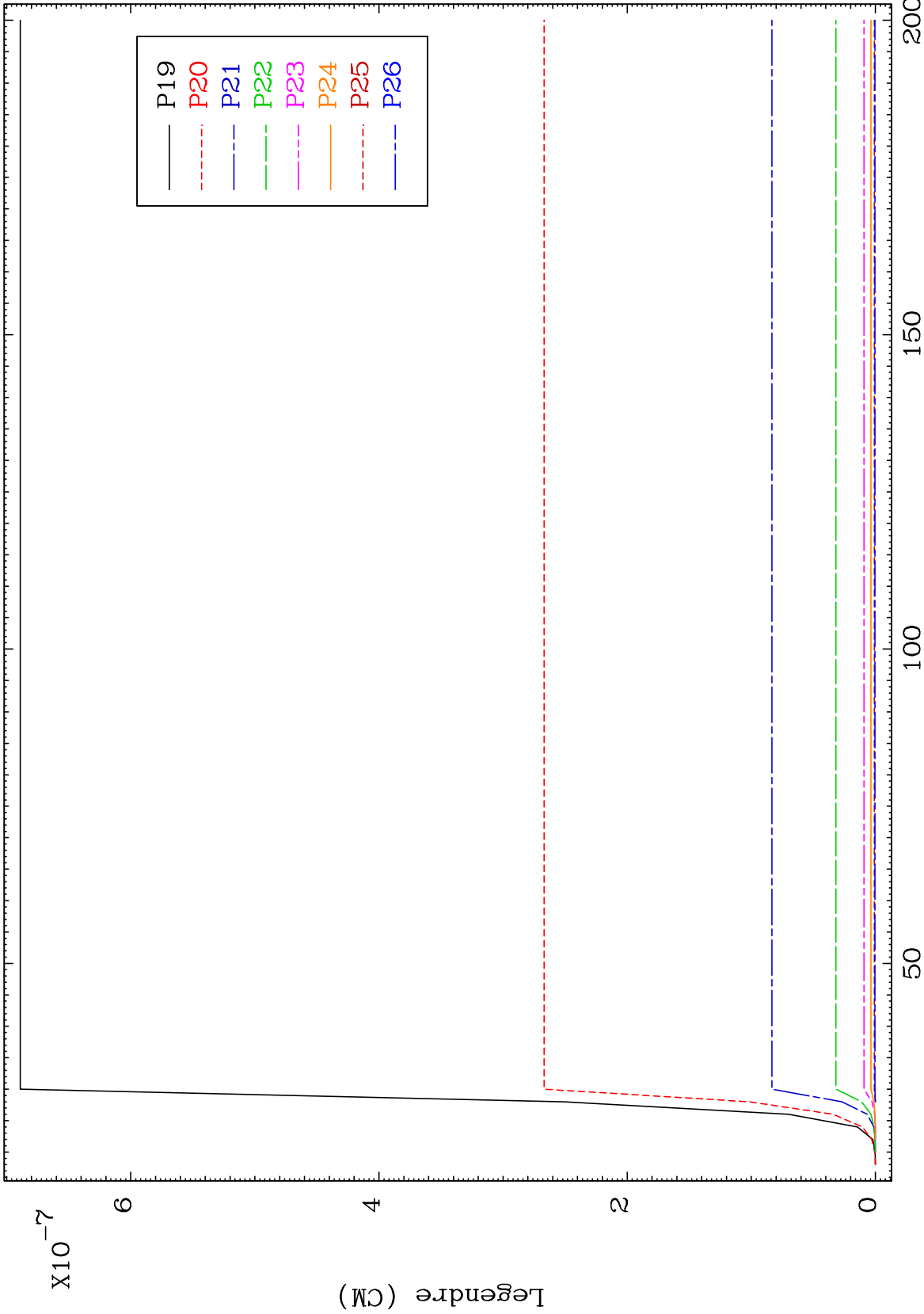


65 Incident Energy (MeV) 8-0 -20

MAT 837

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

8-0 -20

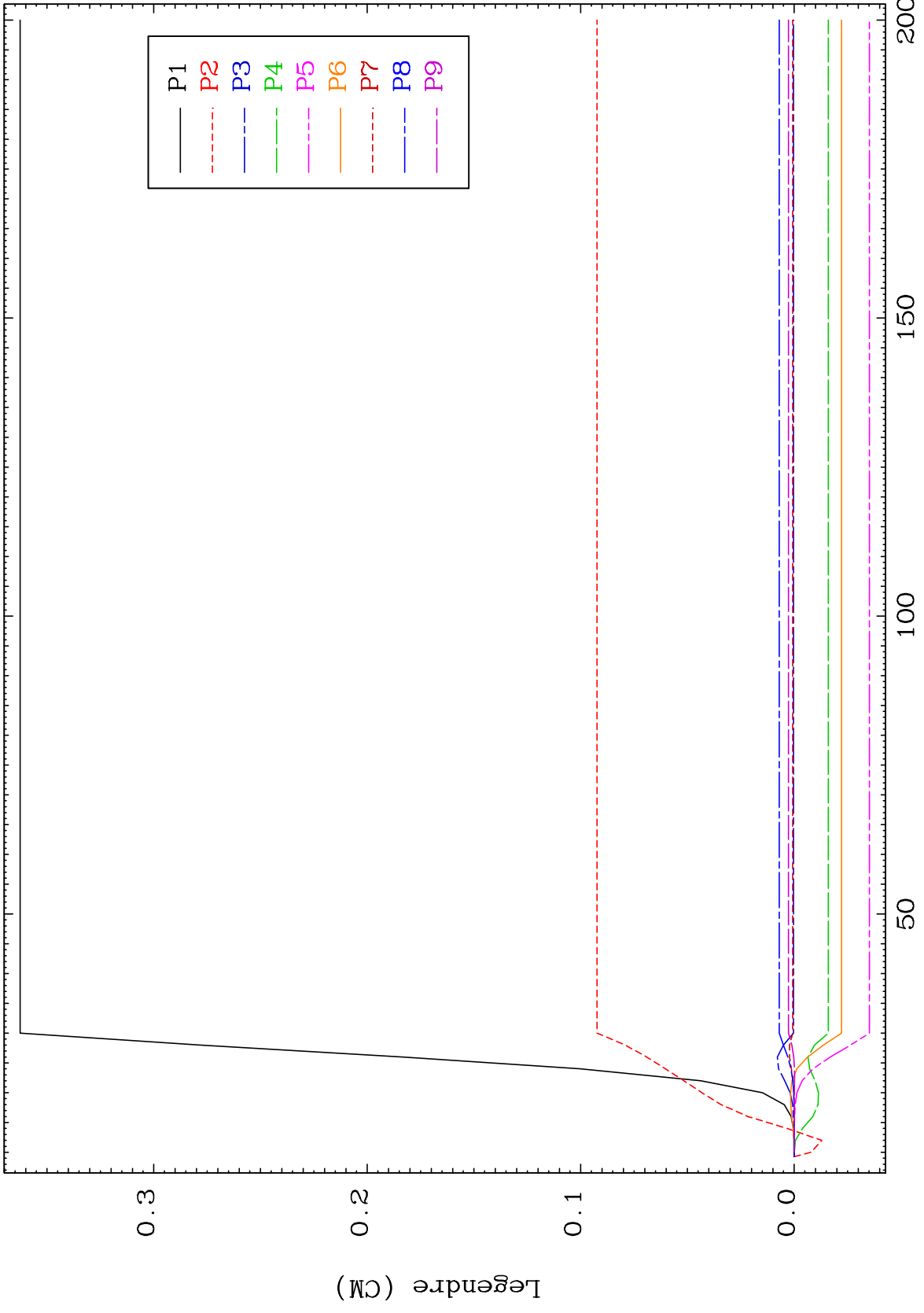


66

Incident Energy (MeV)

8-0 -20

MAT 837 MT= 67 (n,n') Level Legendre Coefficients 8-0 -20

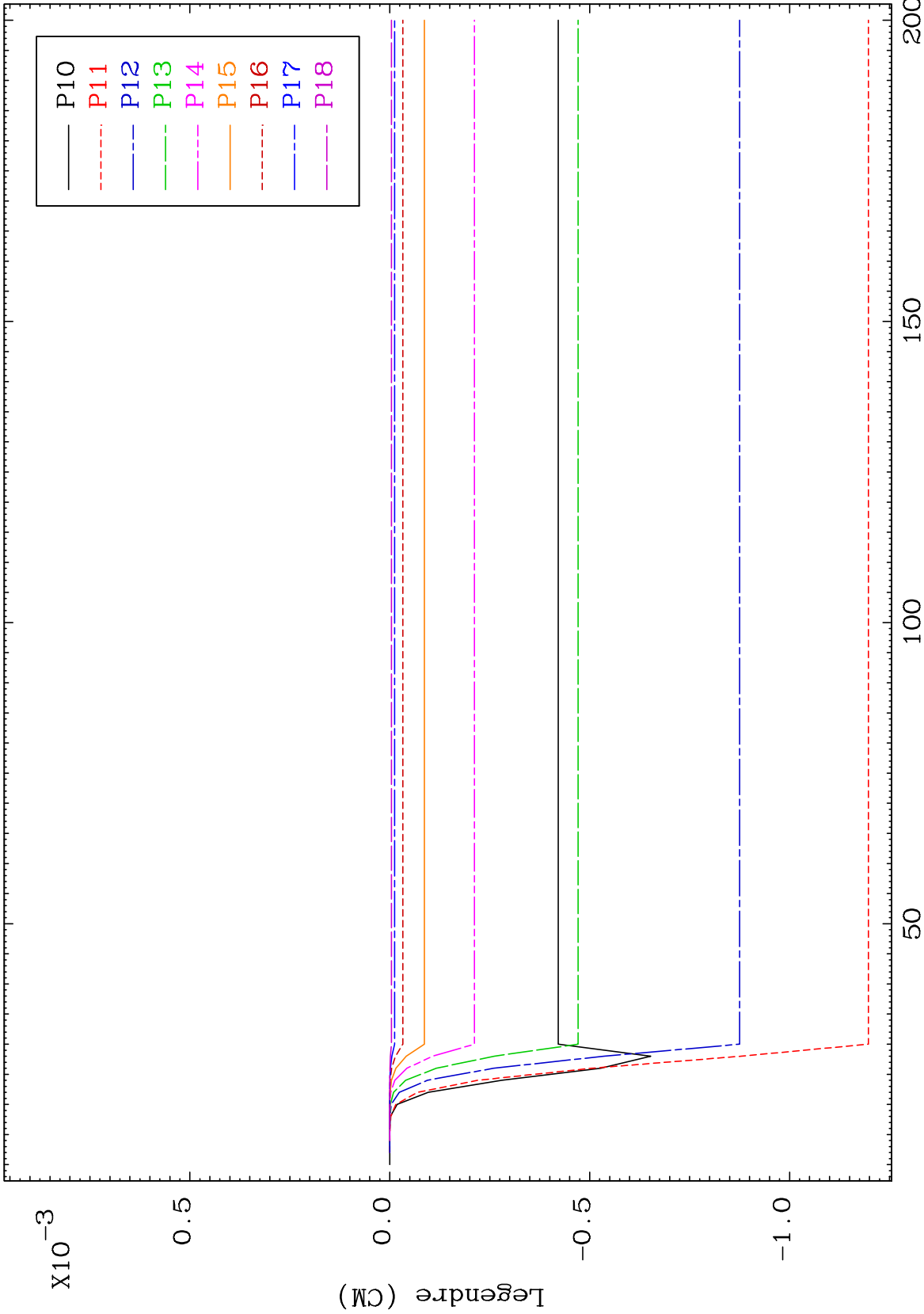


67 Incident Energy (MeV) 8-0 -20

MAT 837

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

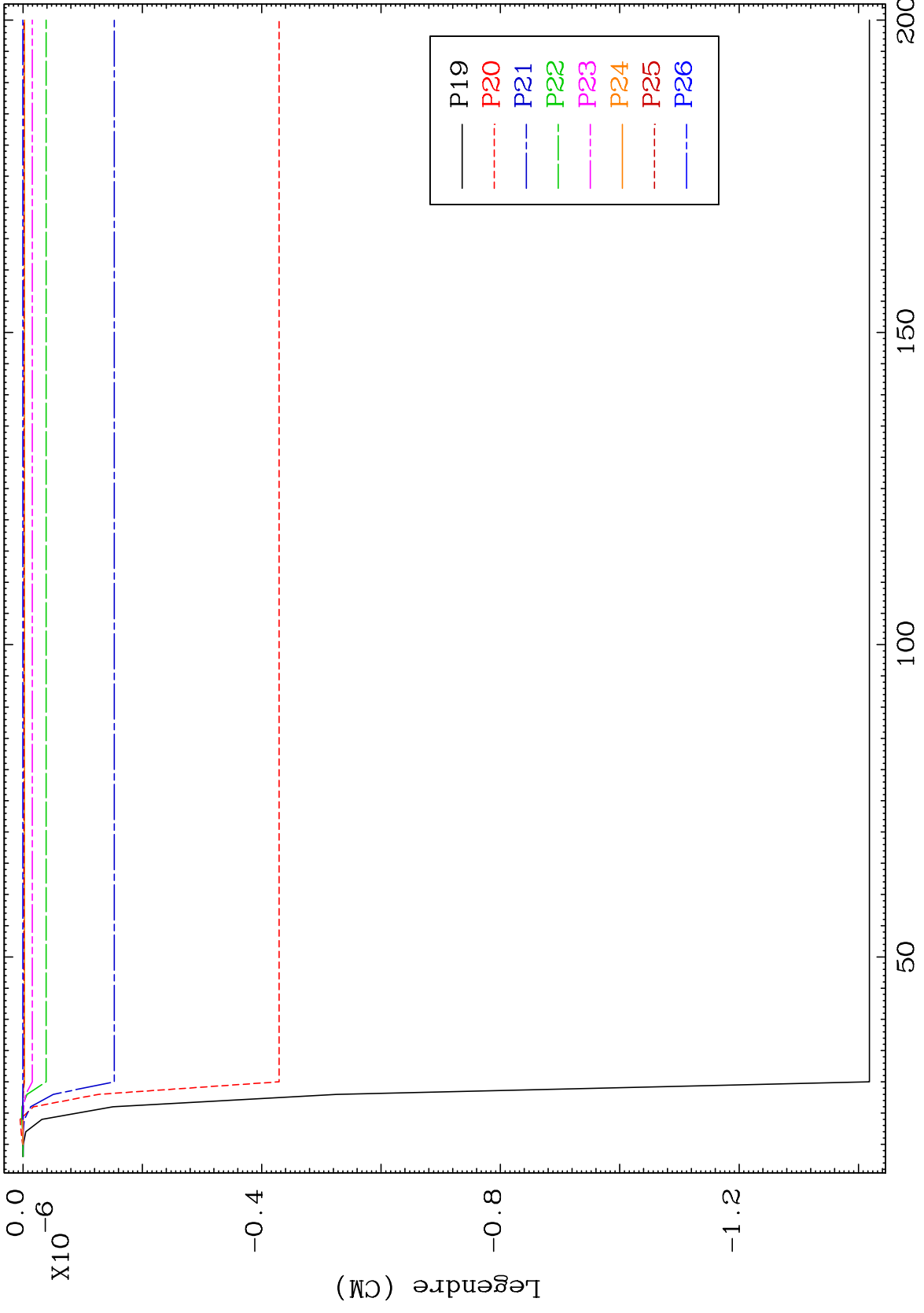
8-0 -20



68

8-0 -20

MAT 837 MT= 67 (n,n') Level Legendre Coefficients 8-0 -20

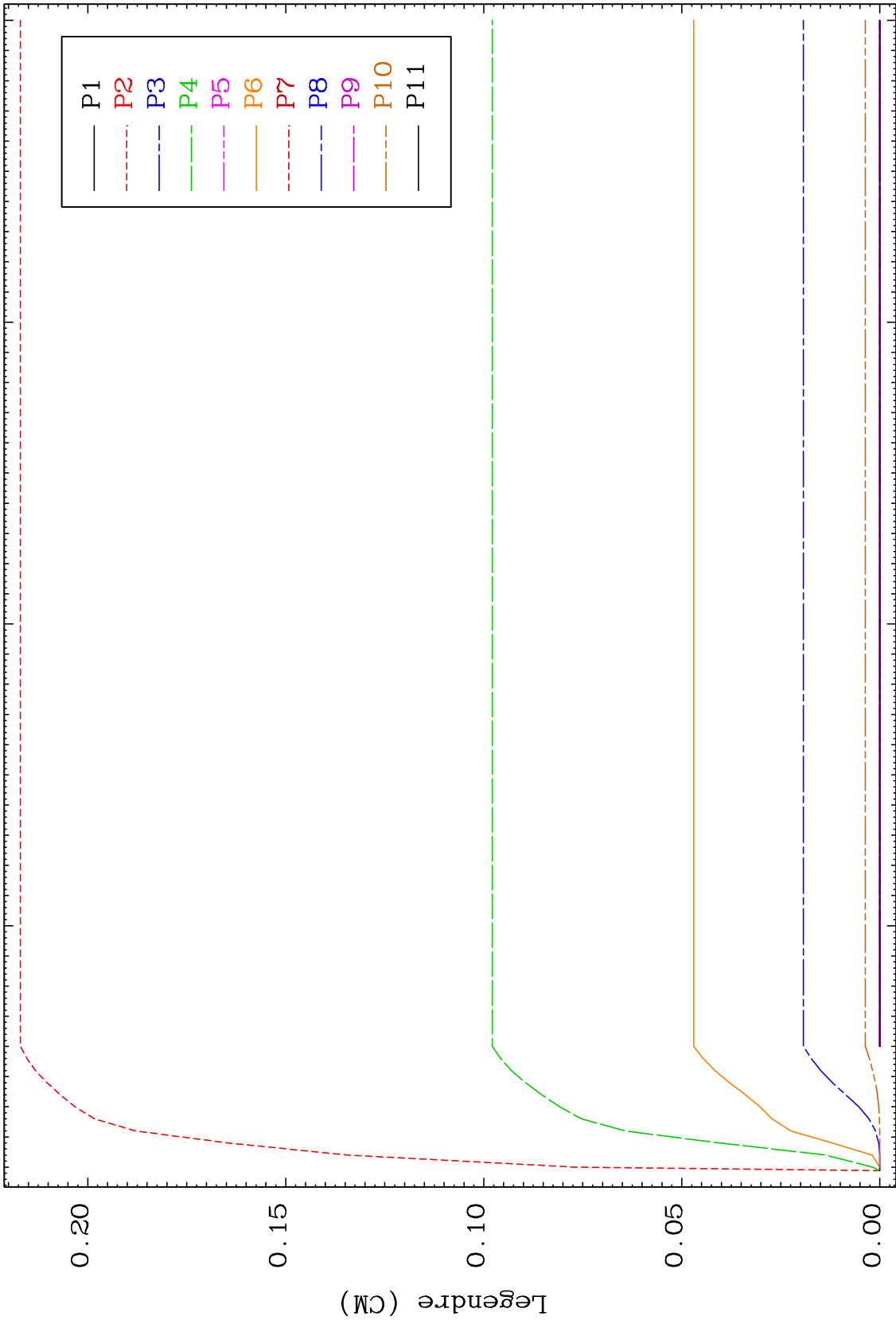


69 8-0 -20

MAT 837

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

8-0 -20



70

50

100

150

200

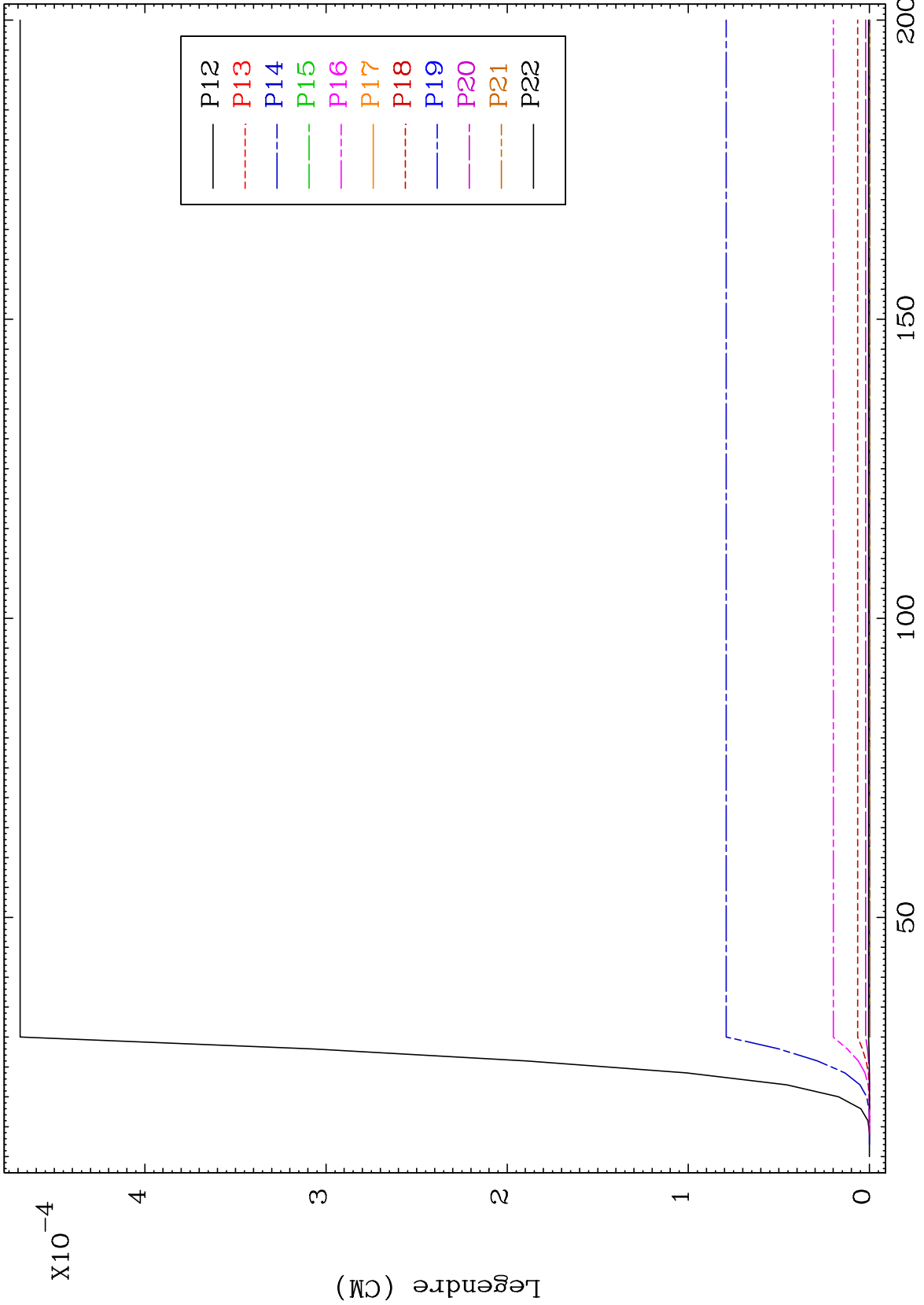
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



71

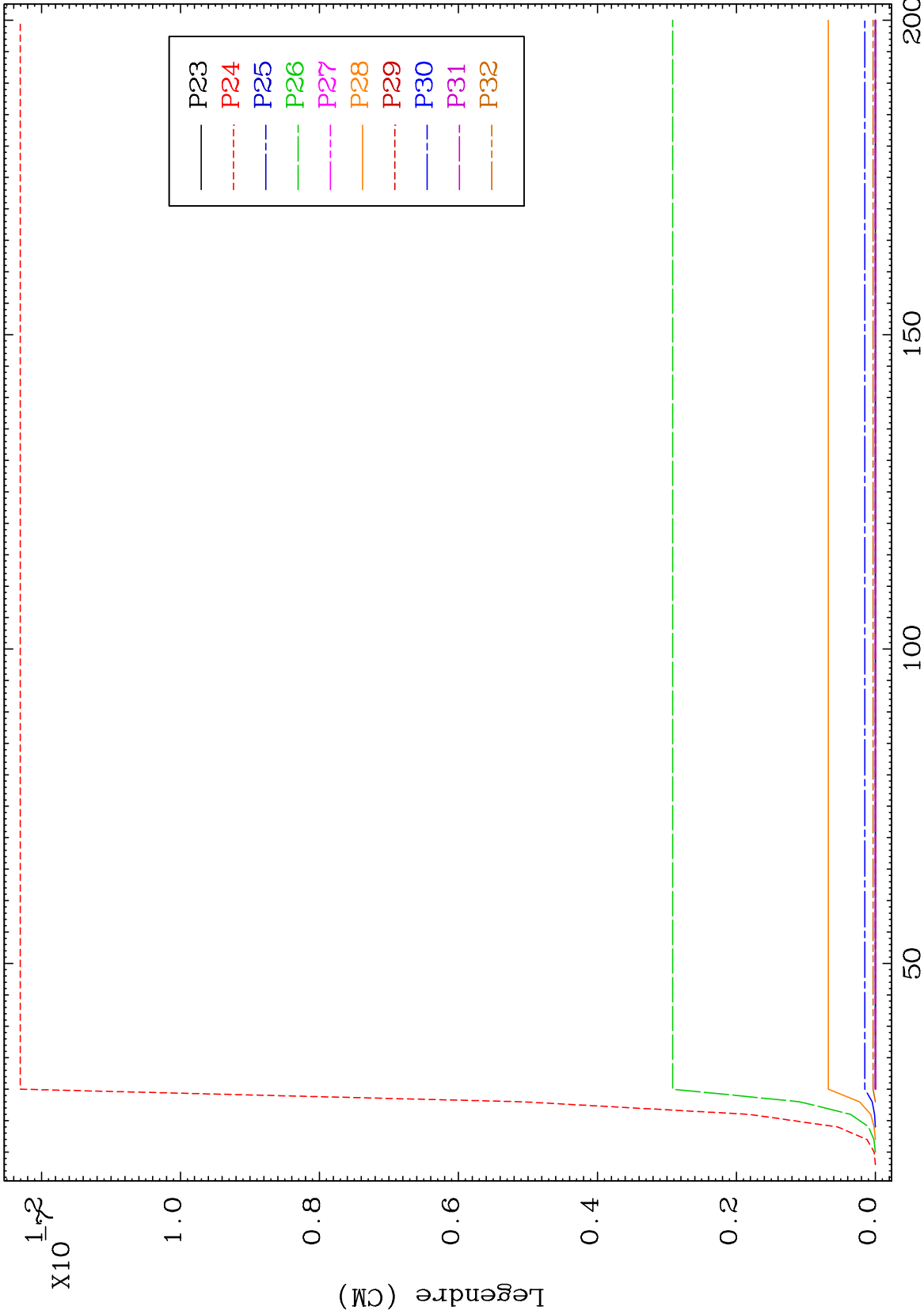
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



72

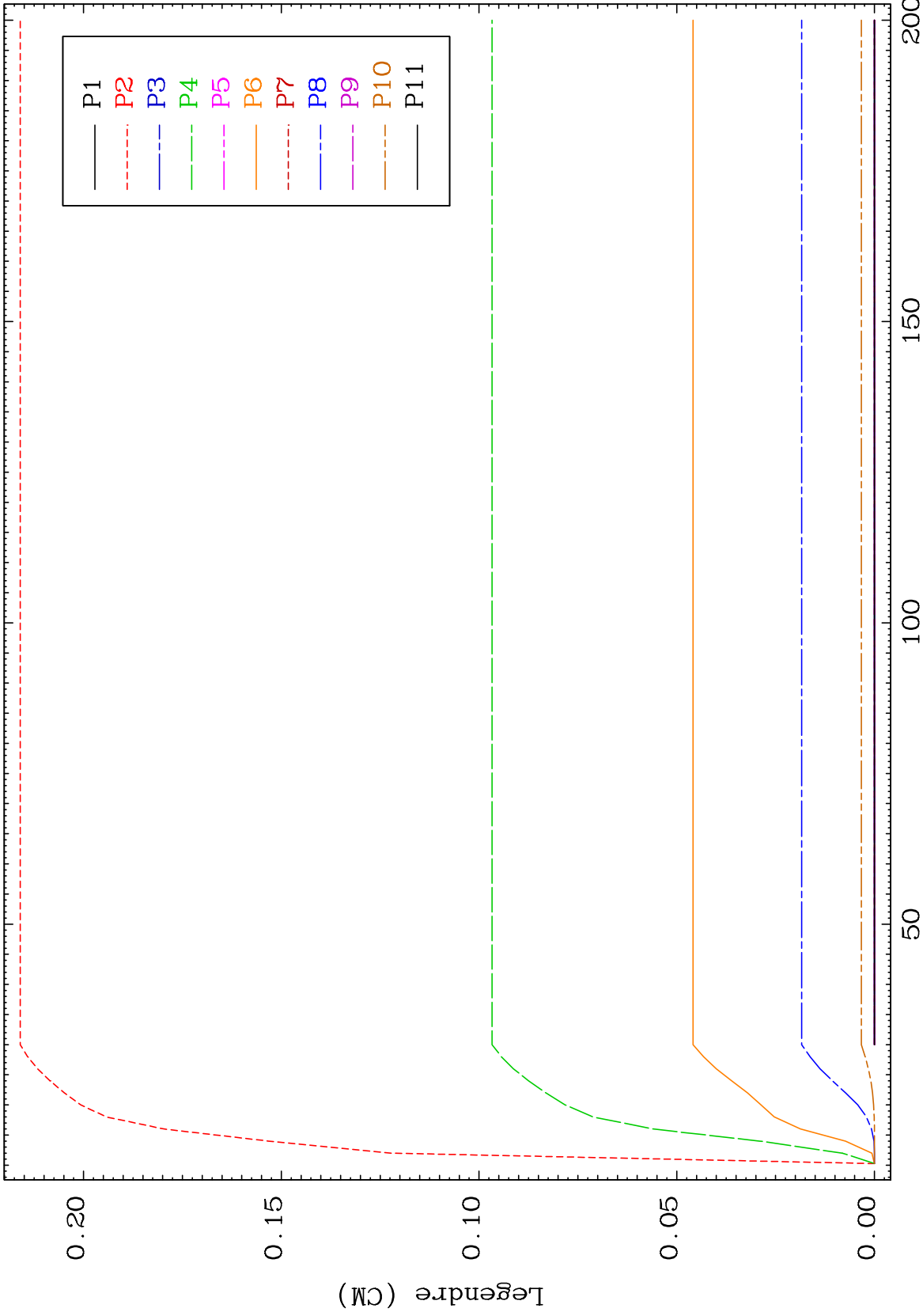
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20



73

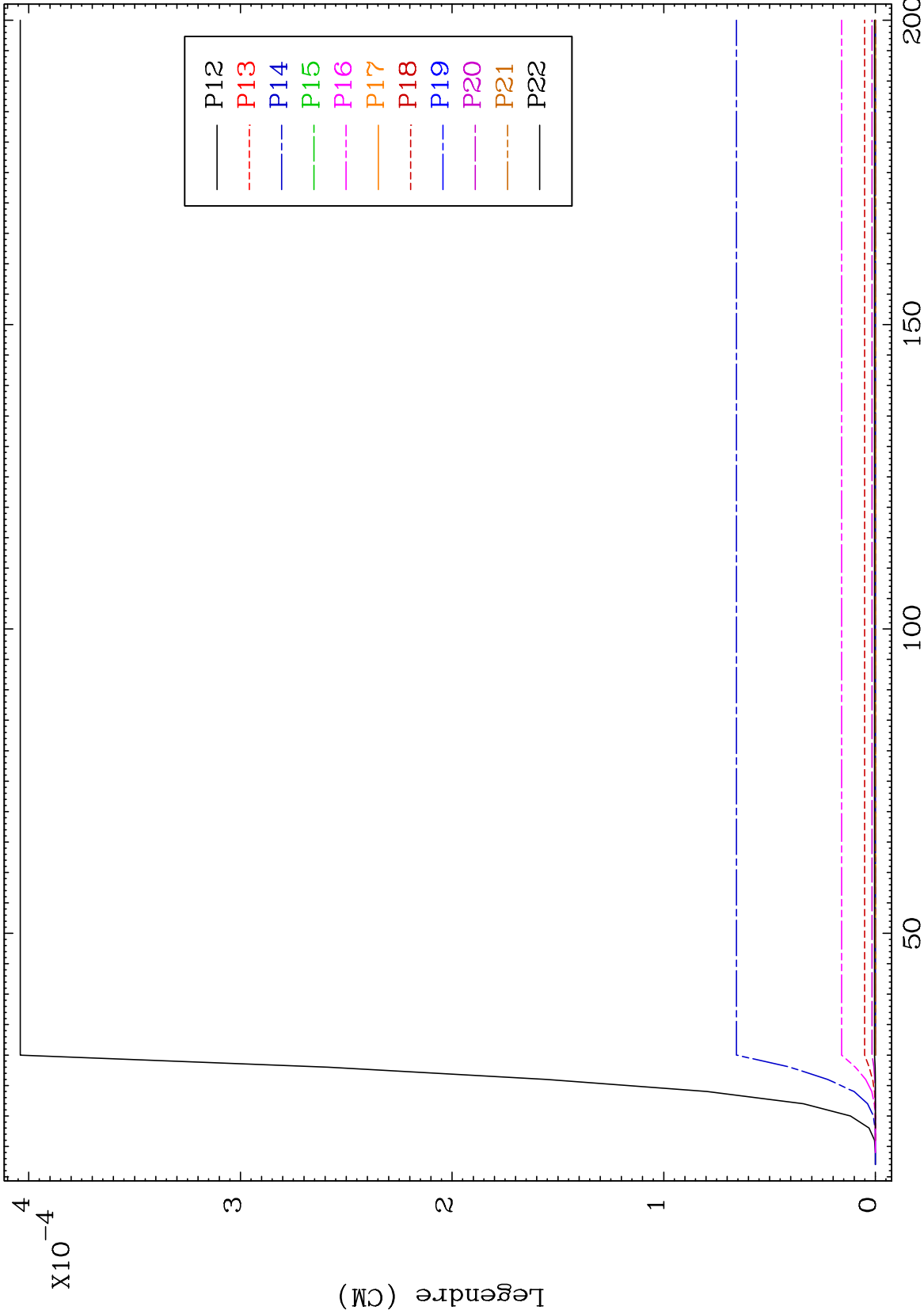
Incident Energy (MeV)

8-0 -20

MAT 837

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

8-0 -20

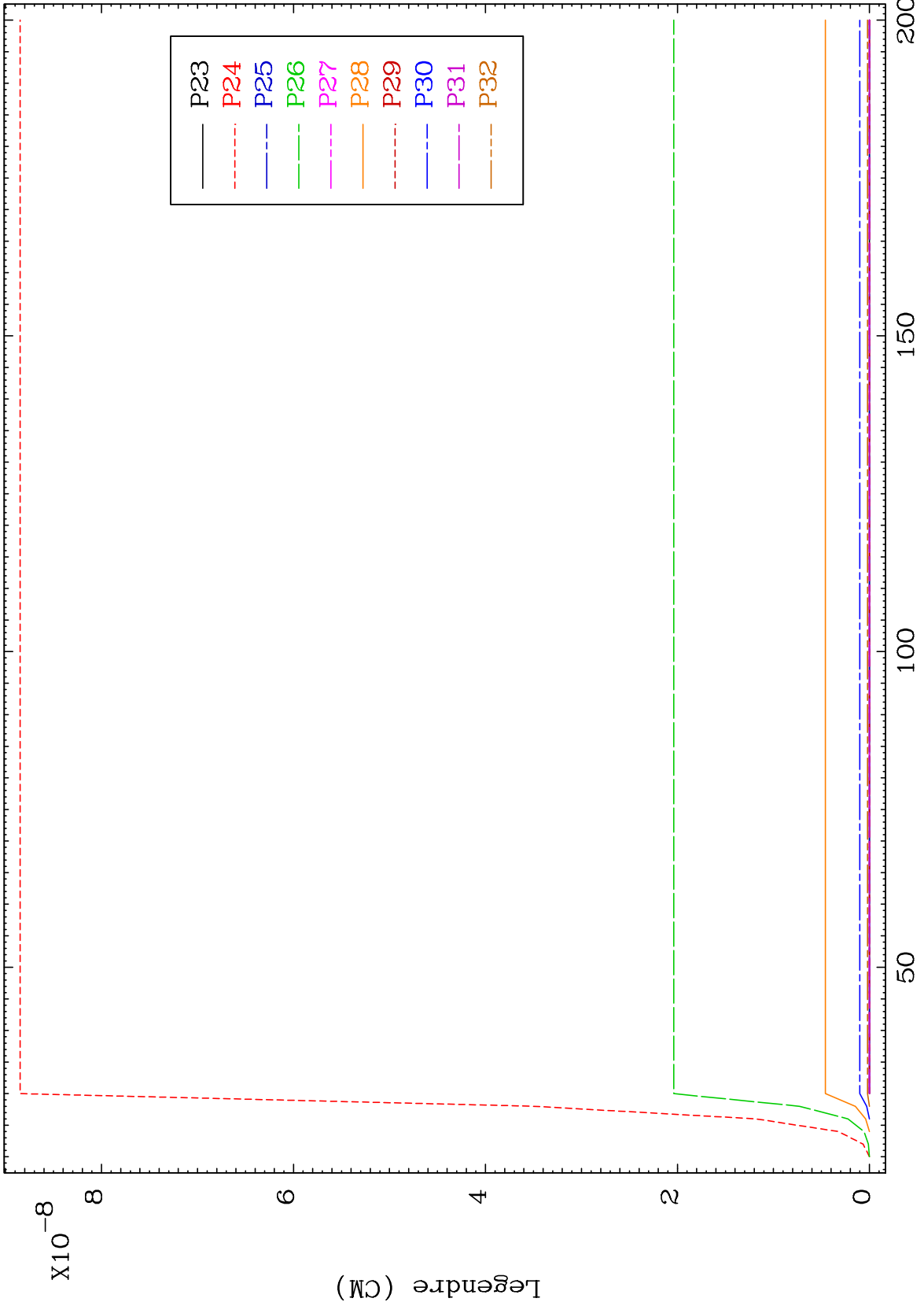


74

Incident Energy (MeV)

8-0 -20

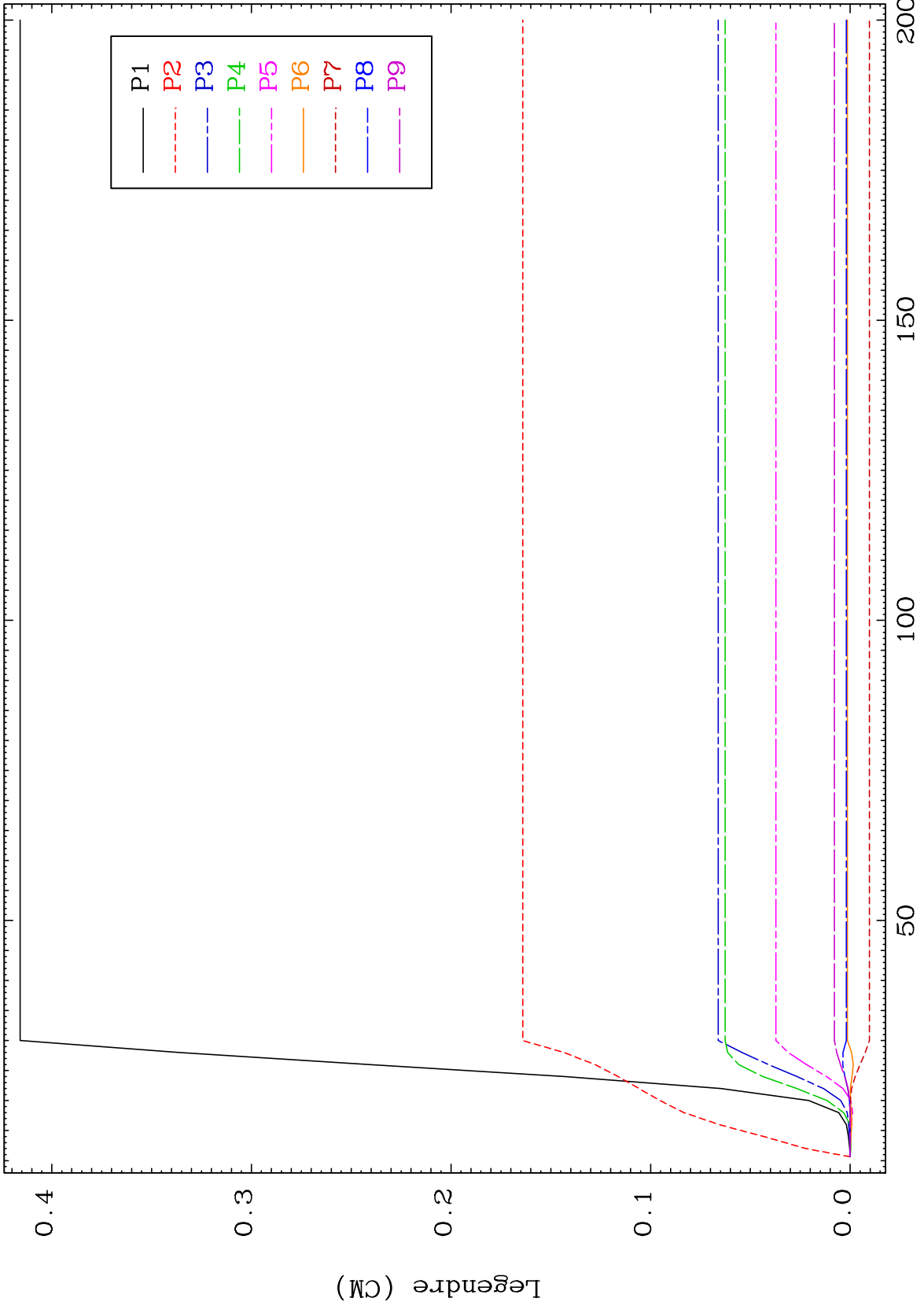
MAT 837 MT= 69 (n,n') Level Legendre Coefficients 8-0 -20



75 150 200 Incident Energy (MeV) 8-0 -20

MAT 837 MT= 70 (n,n') Level Legendre Coefficients

8-0 -20

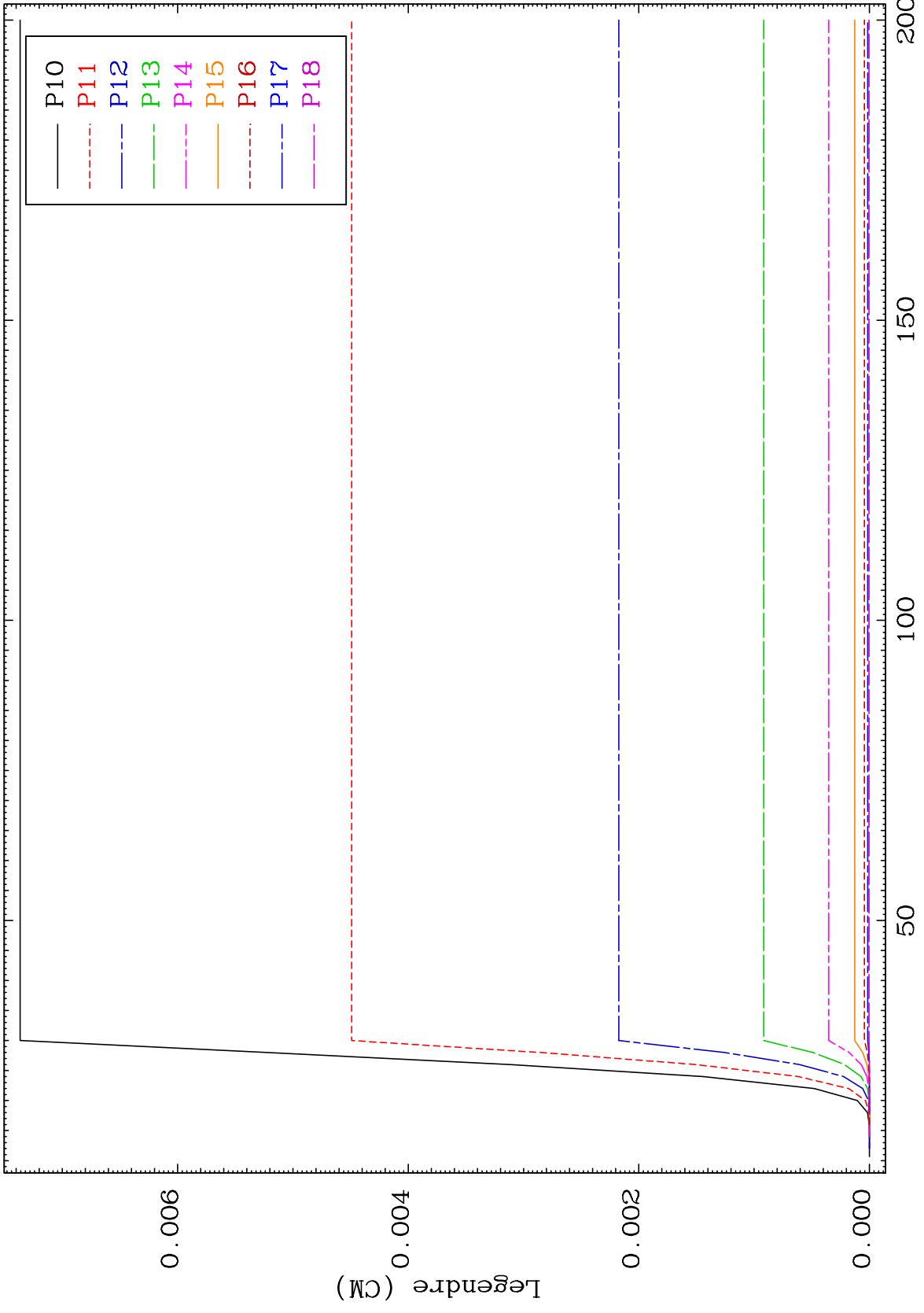


8-0 -20

Incident Energy (MeV)

76

MAT 837 MT= 70 (n,n') Level Legendre Coefficients 8-0 -20

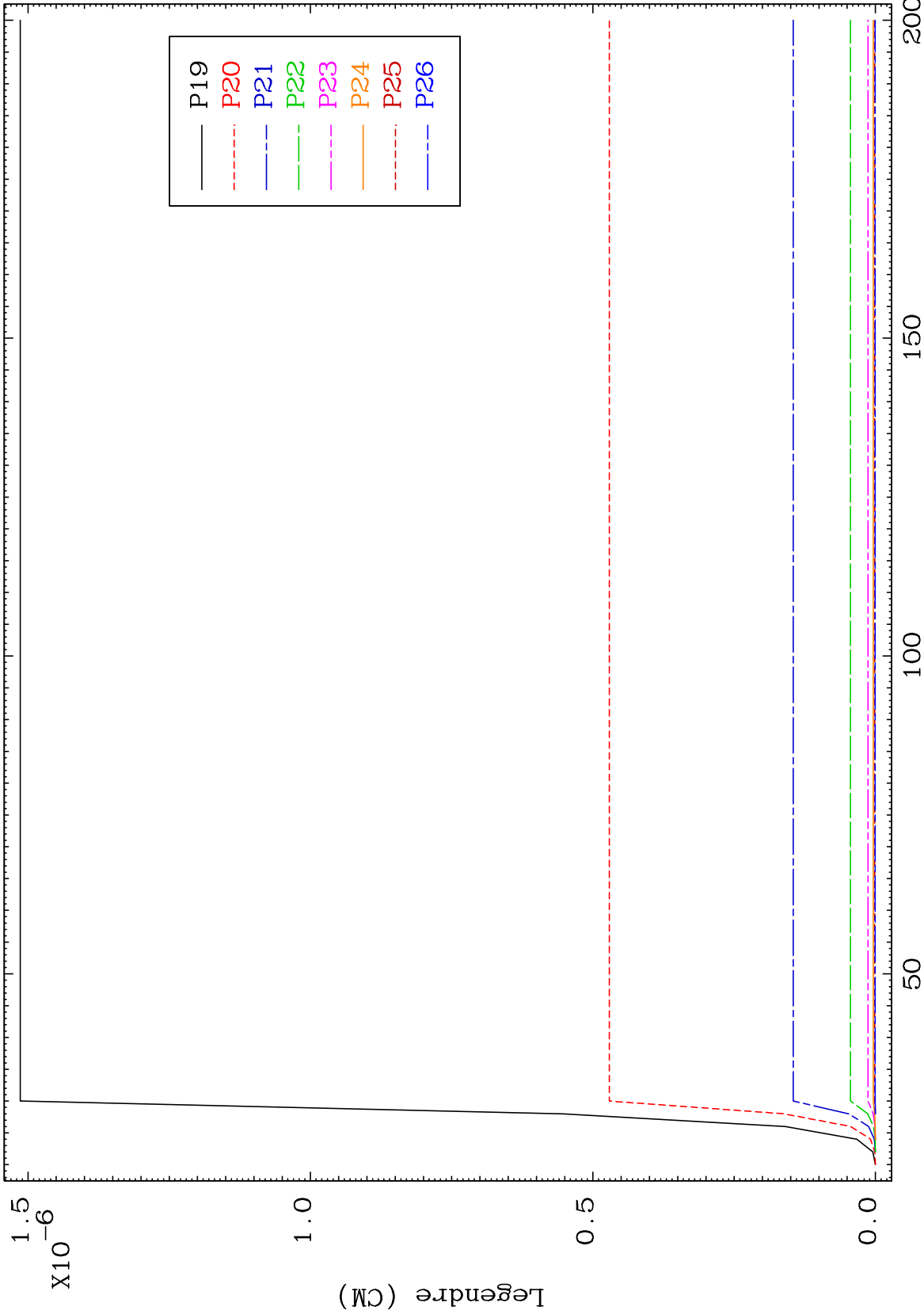


77 Incident Energy (MeV) 8-0 -20

MAT 837

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

8-0 -20



78

8-0 -20