

Program EVALPLOT  
(Version 2018-1)

by

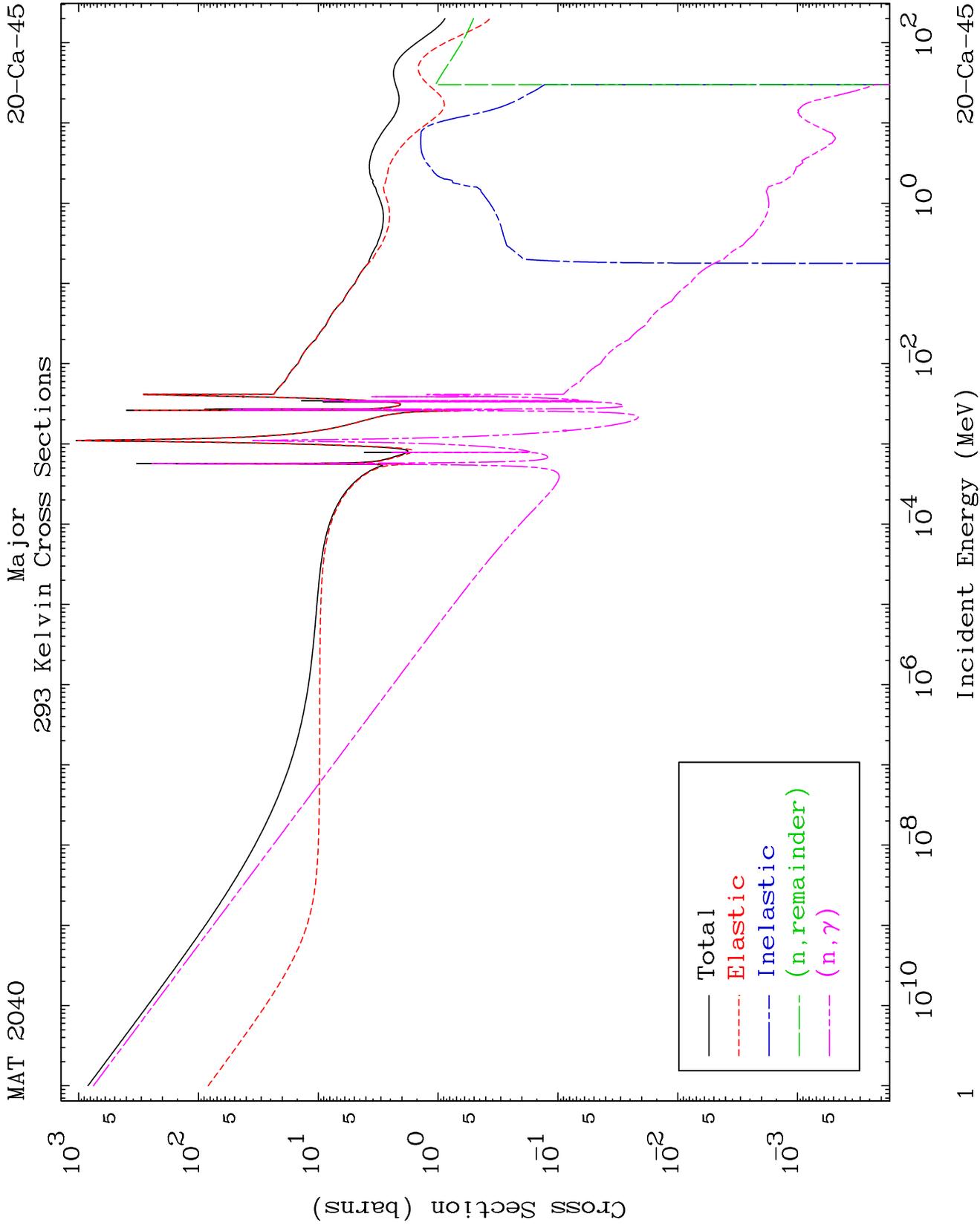
Dermott E. Cullen  
(Present Contact Information)

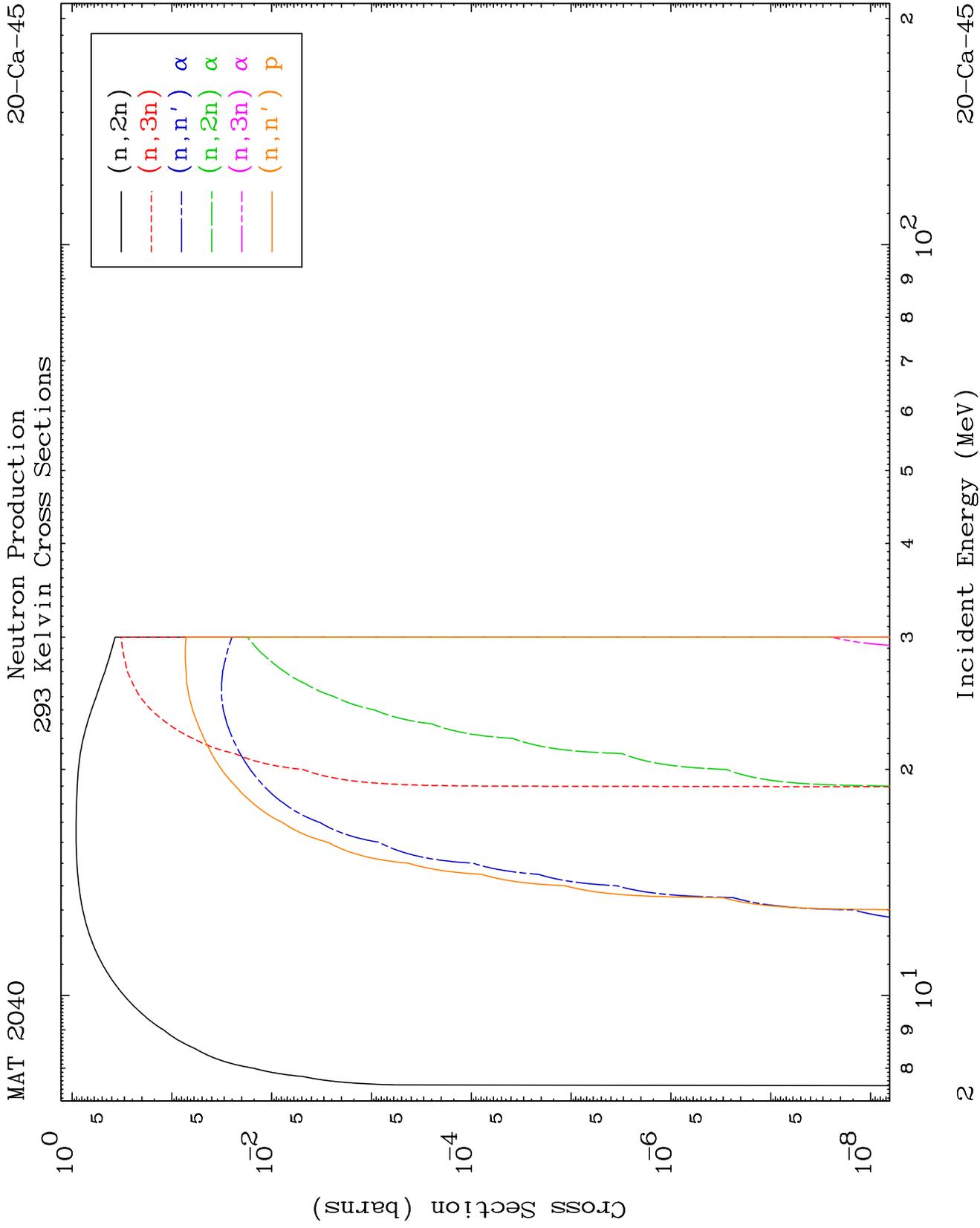
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

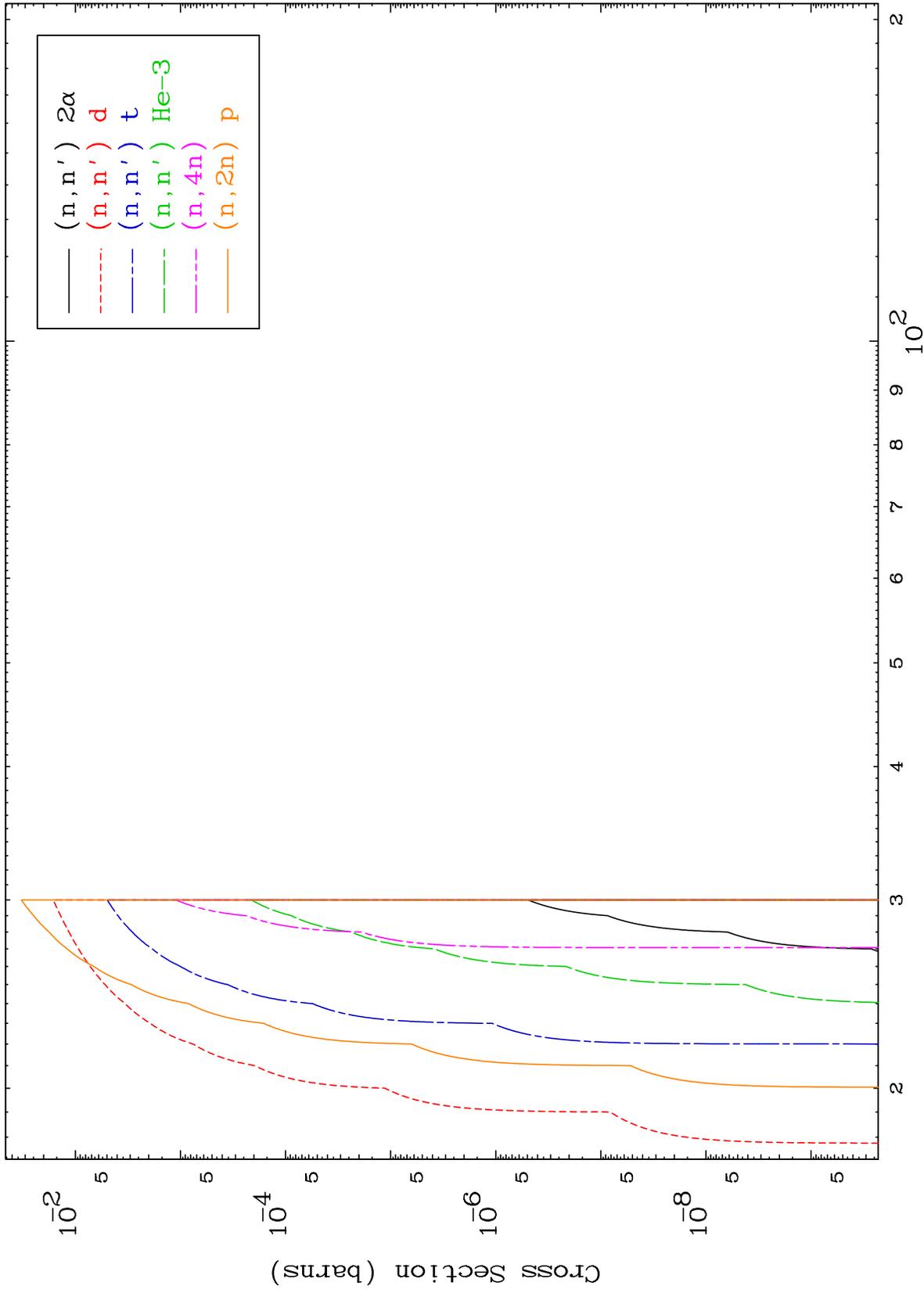




MAT 2040

Neutron Production  
293 Kelvin Cross Sections

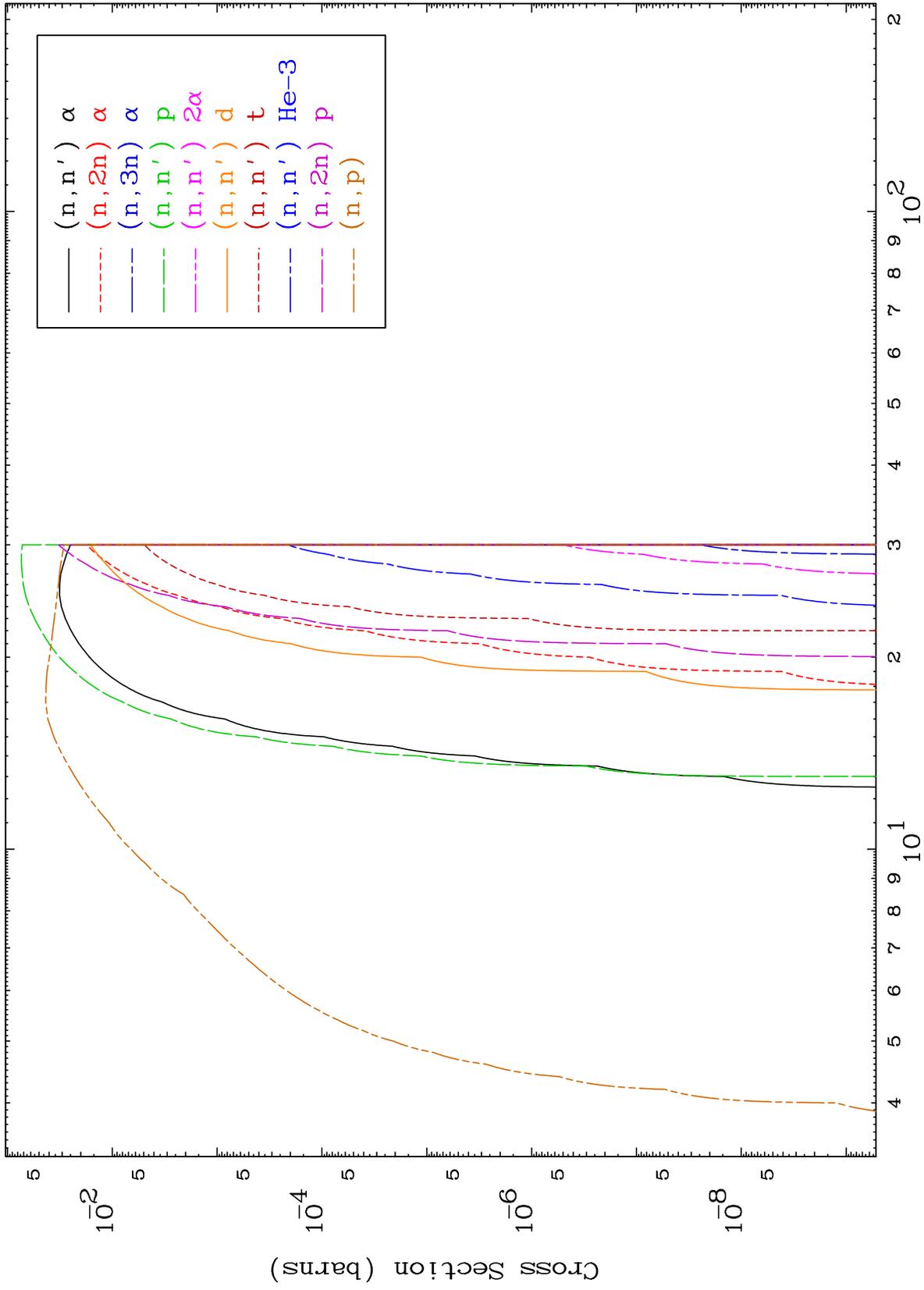
20-Ca-45



3

Incident Energy (MeV)

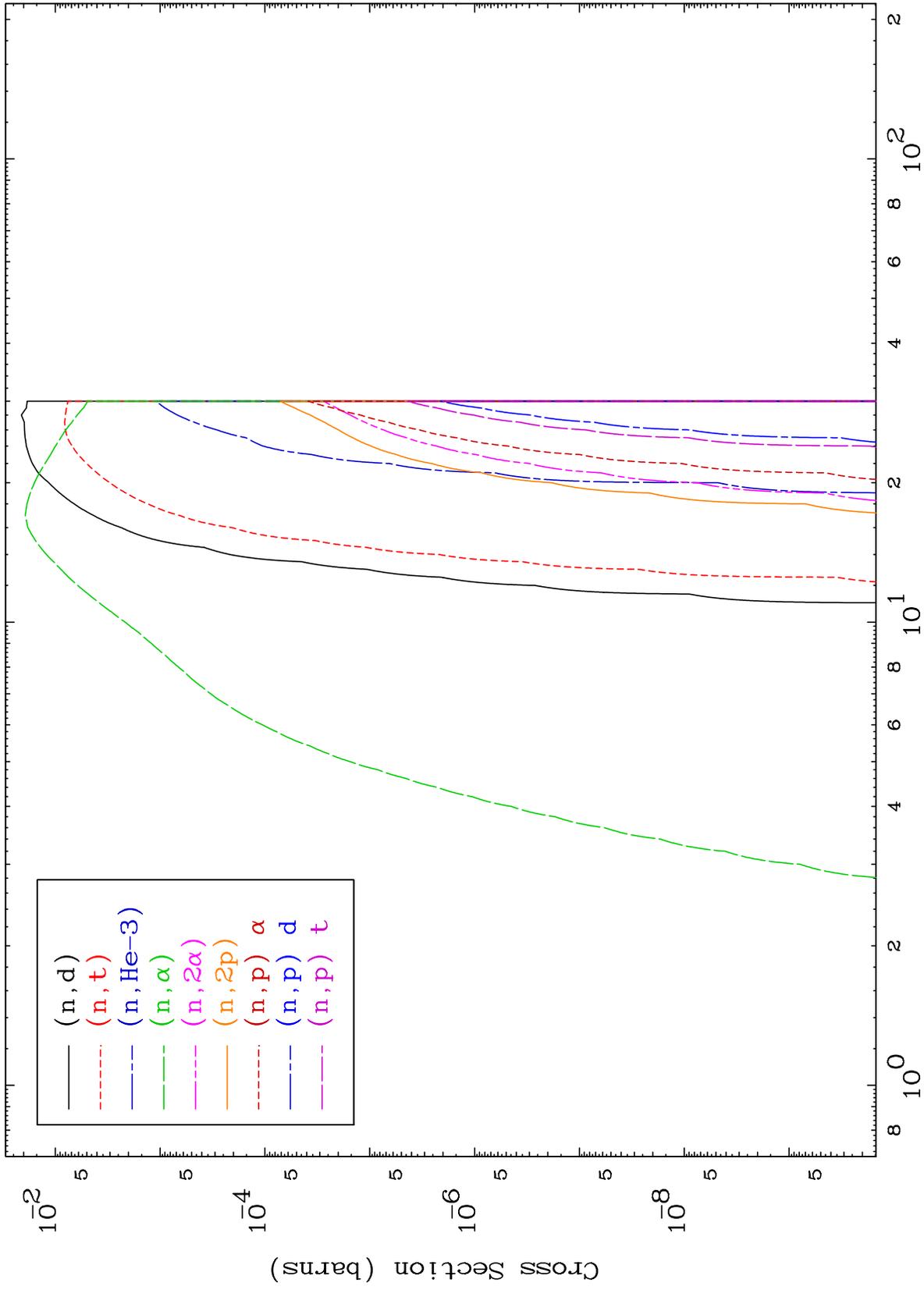
20-Ca-45



MAT 2040

Charged Particle  
293 Kelvin Cross Sections

20-Ca-45

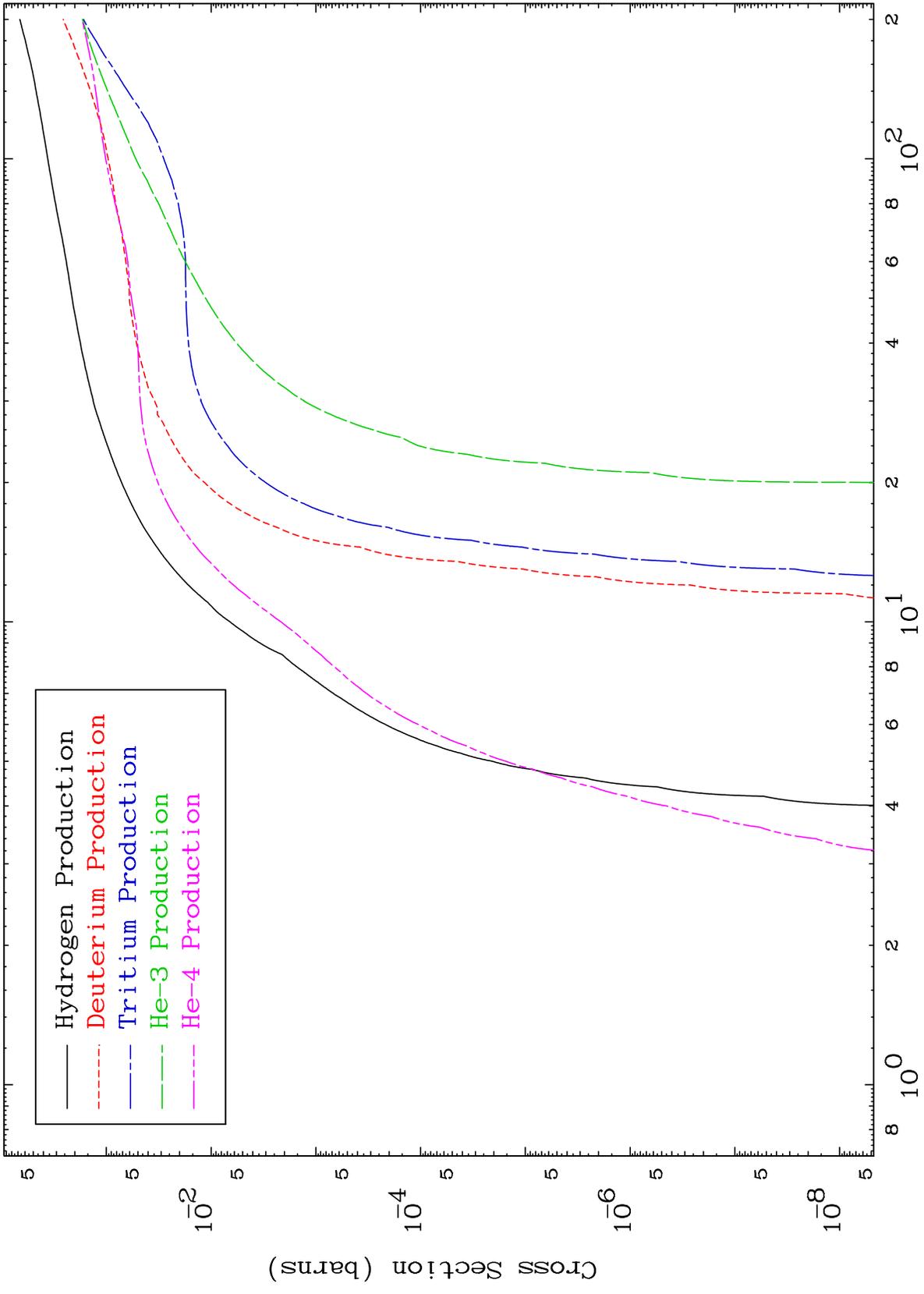


5

MAT 2040

Particle Production  
293 Kelvin Cross Sections

20-Ca-45



6

Incident Energy (MeV)

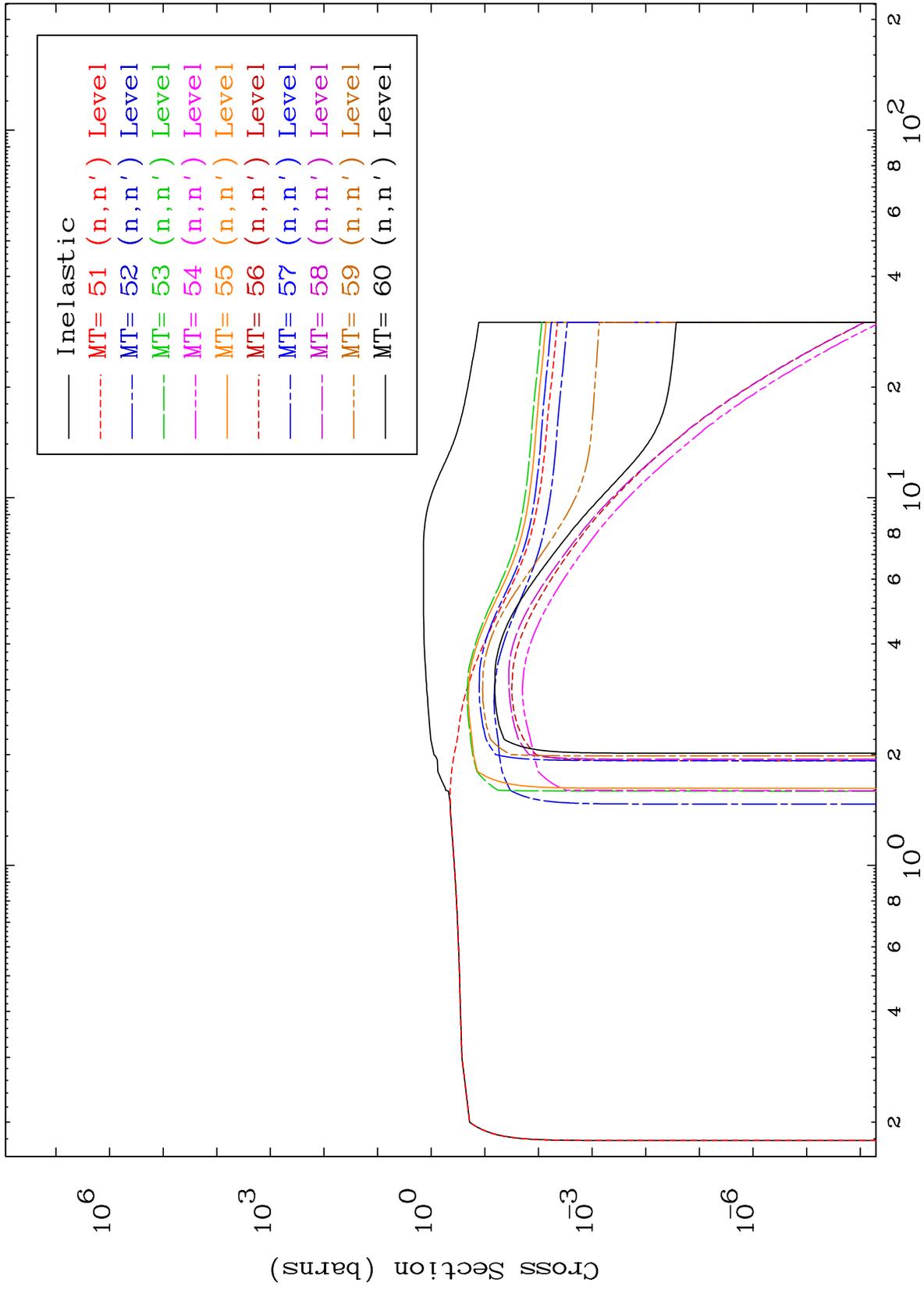
20-Ca-45

MAT 2040

(n,n') Level

20-Ca-45

293 Kelvin Cross Sections



7

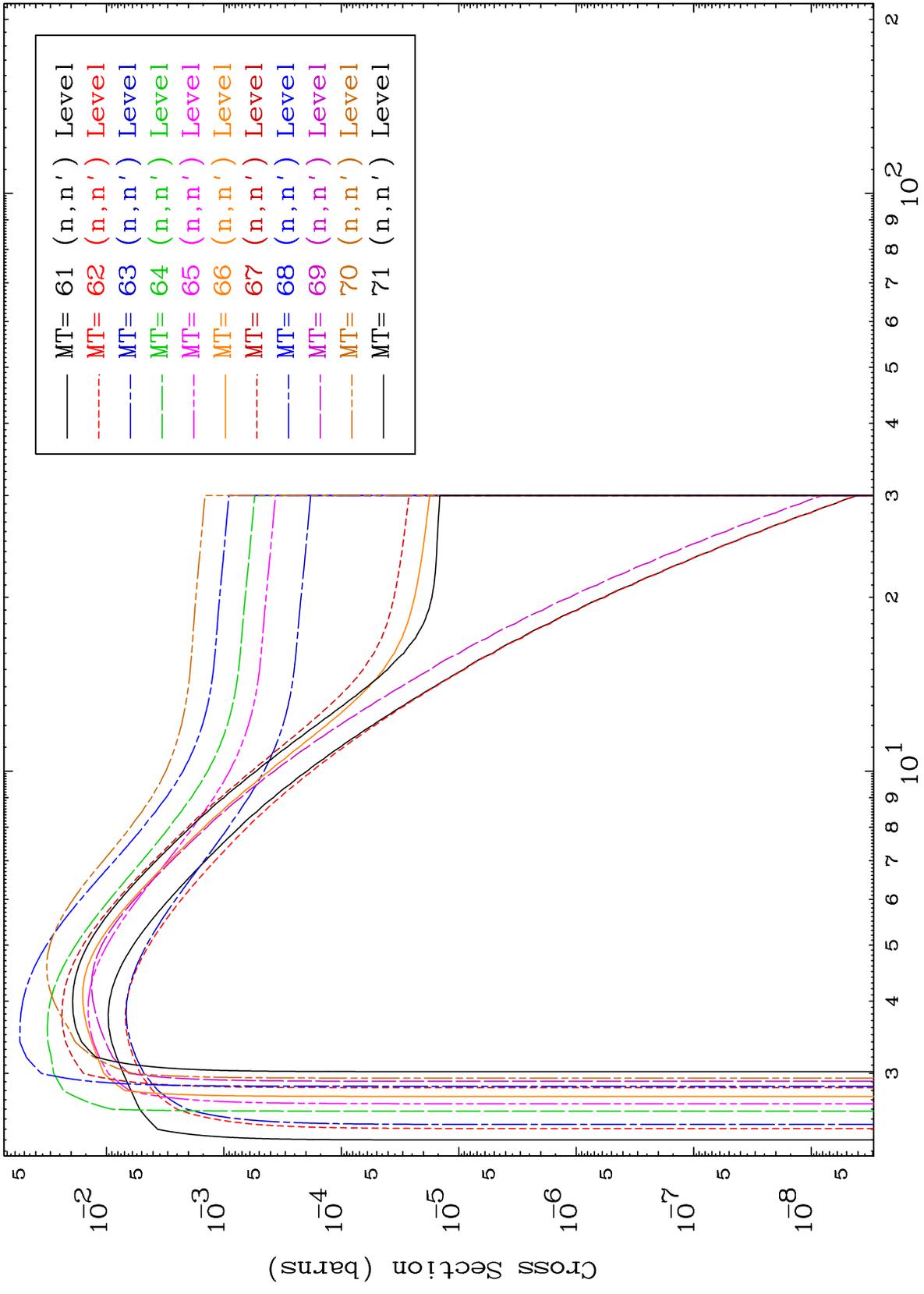
Incident Energy (MeV)

20-Ca-45

MAT 2040

(n,n') Level  
293 Kelvin Cross Sections

20-Ca-45



8

Incident Energy (MeV)

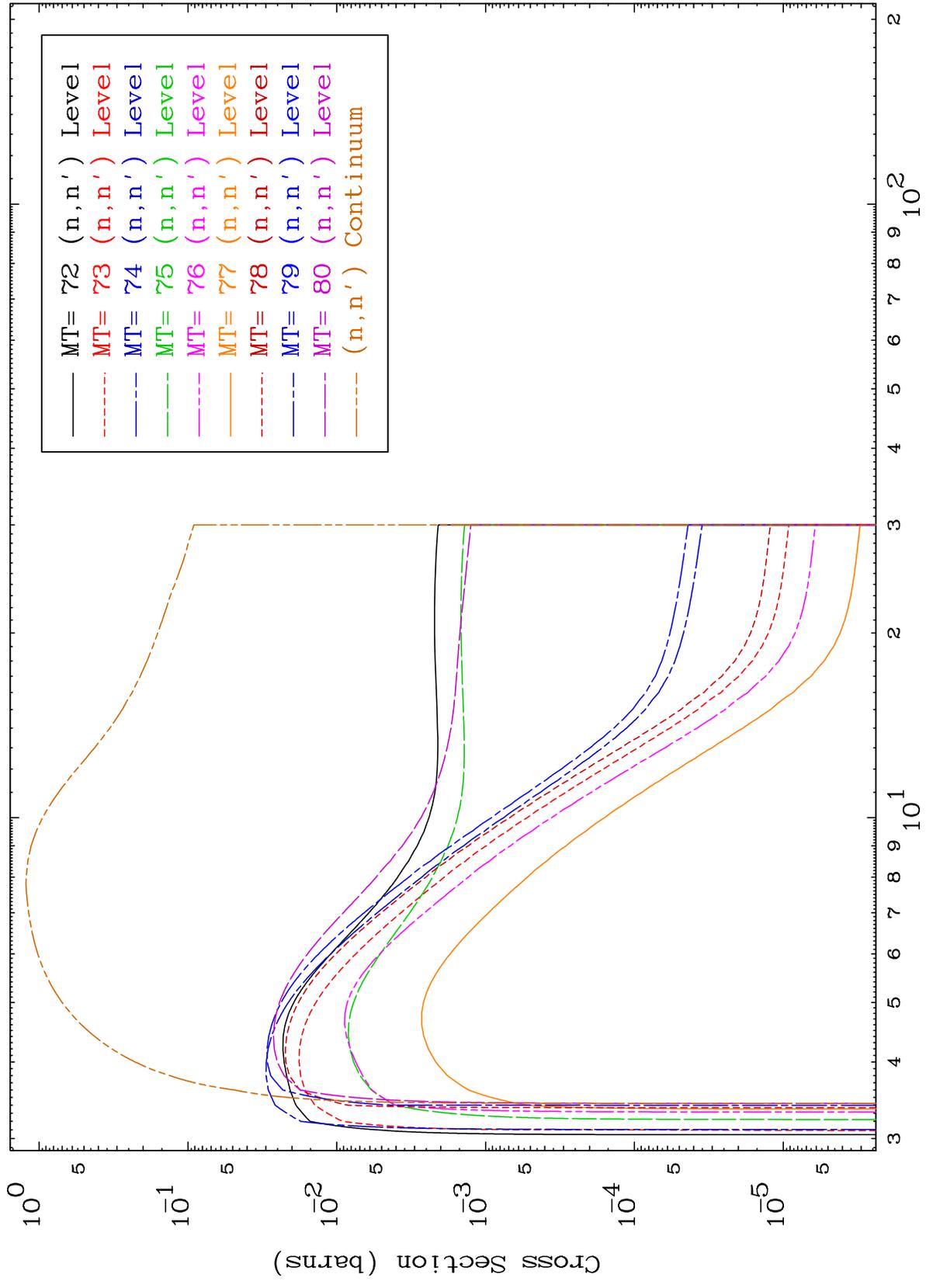
20-Ca-45

MAT 2040

(n,n') Level

20-Ca-45

293 Kelvin Cross Sections



9

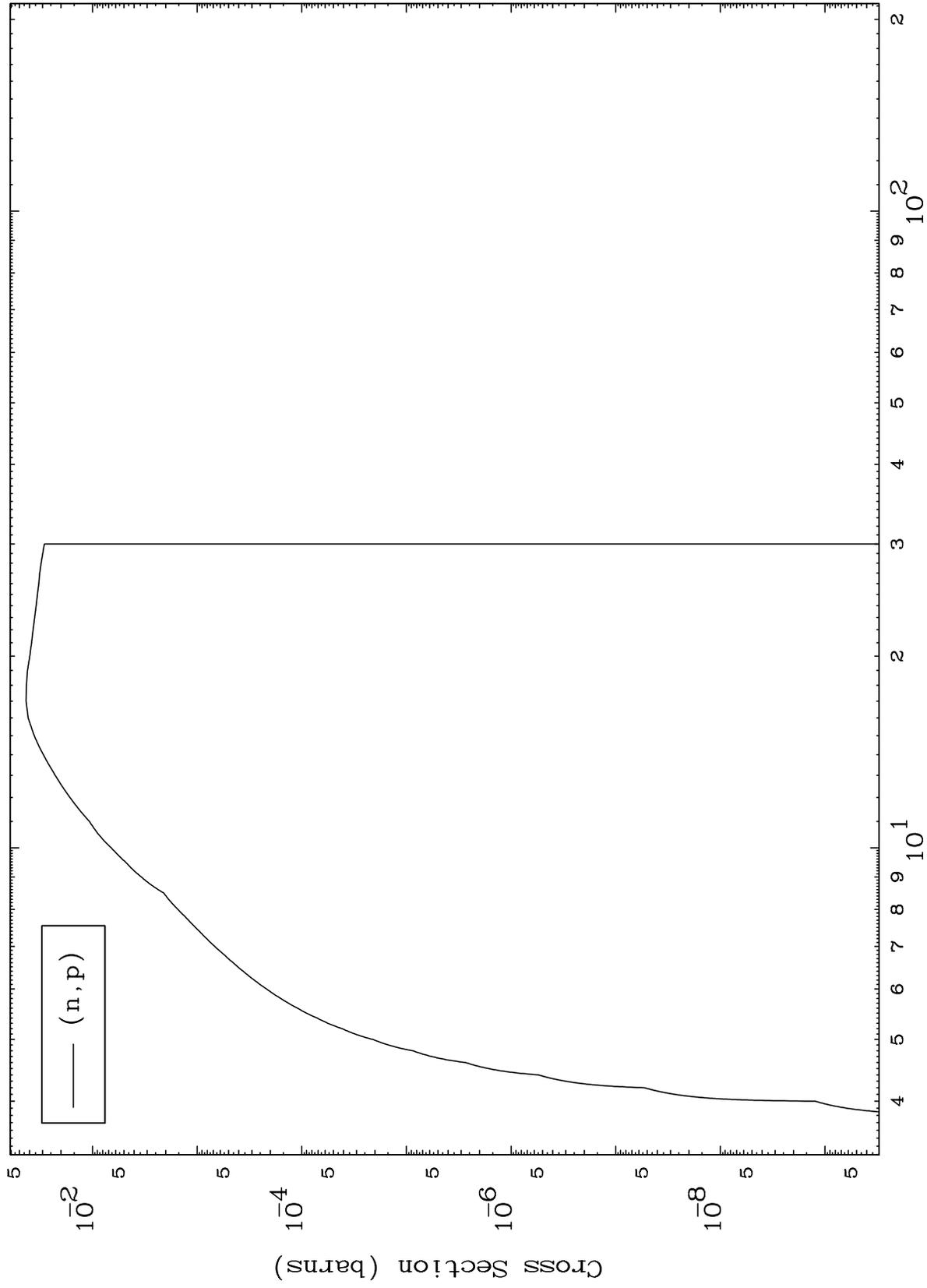
Incident Energy (MeV)

20-Ca-45

MAT 2040

(n,p) Levels  
293 Kelvin Cross Sections

20-Ca-45



10

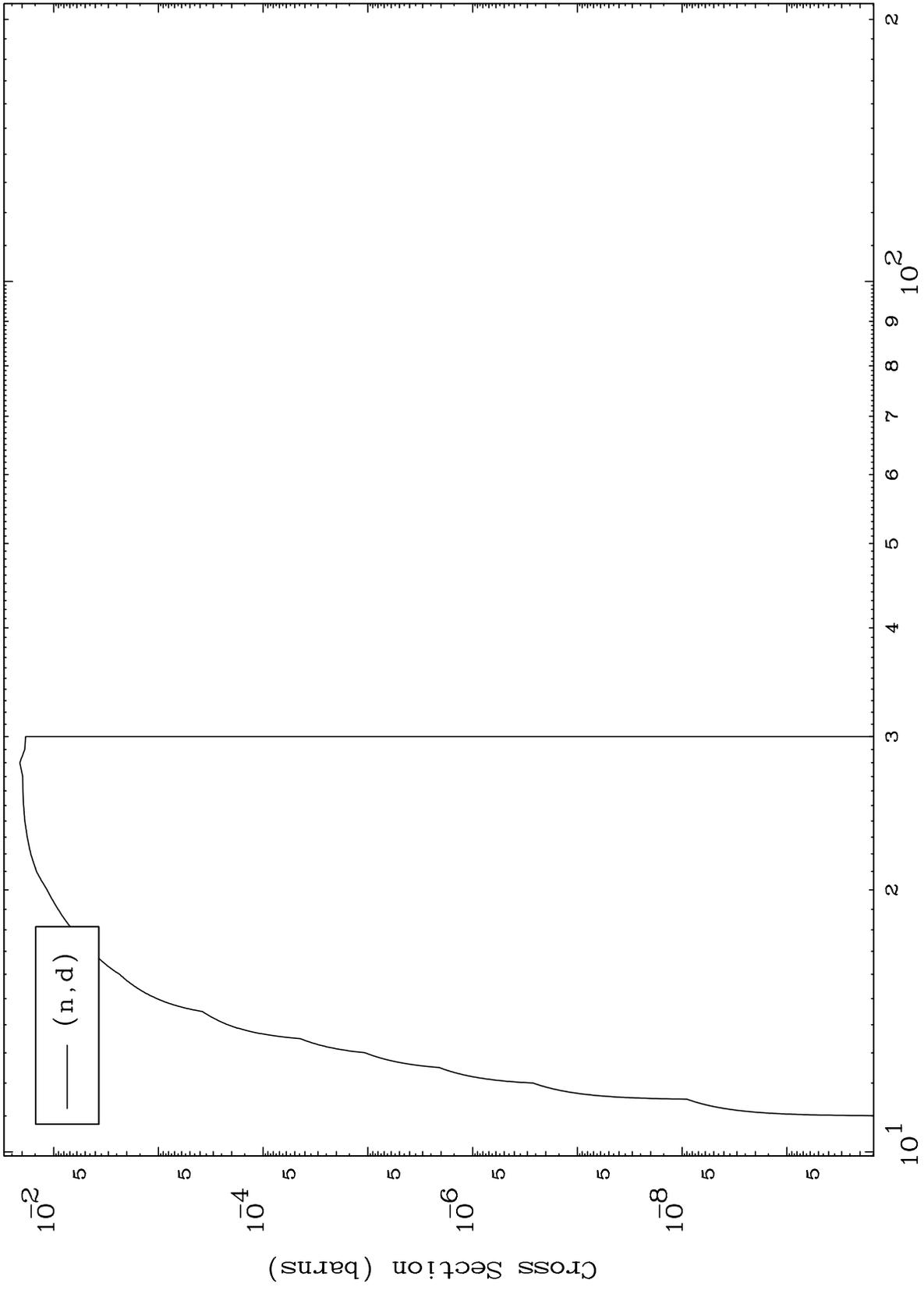
Incident Energy (MeV)

20-Ca-45

MAT 2040

(n,d) Levels  
293 Kelvin Cross Sections

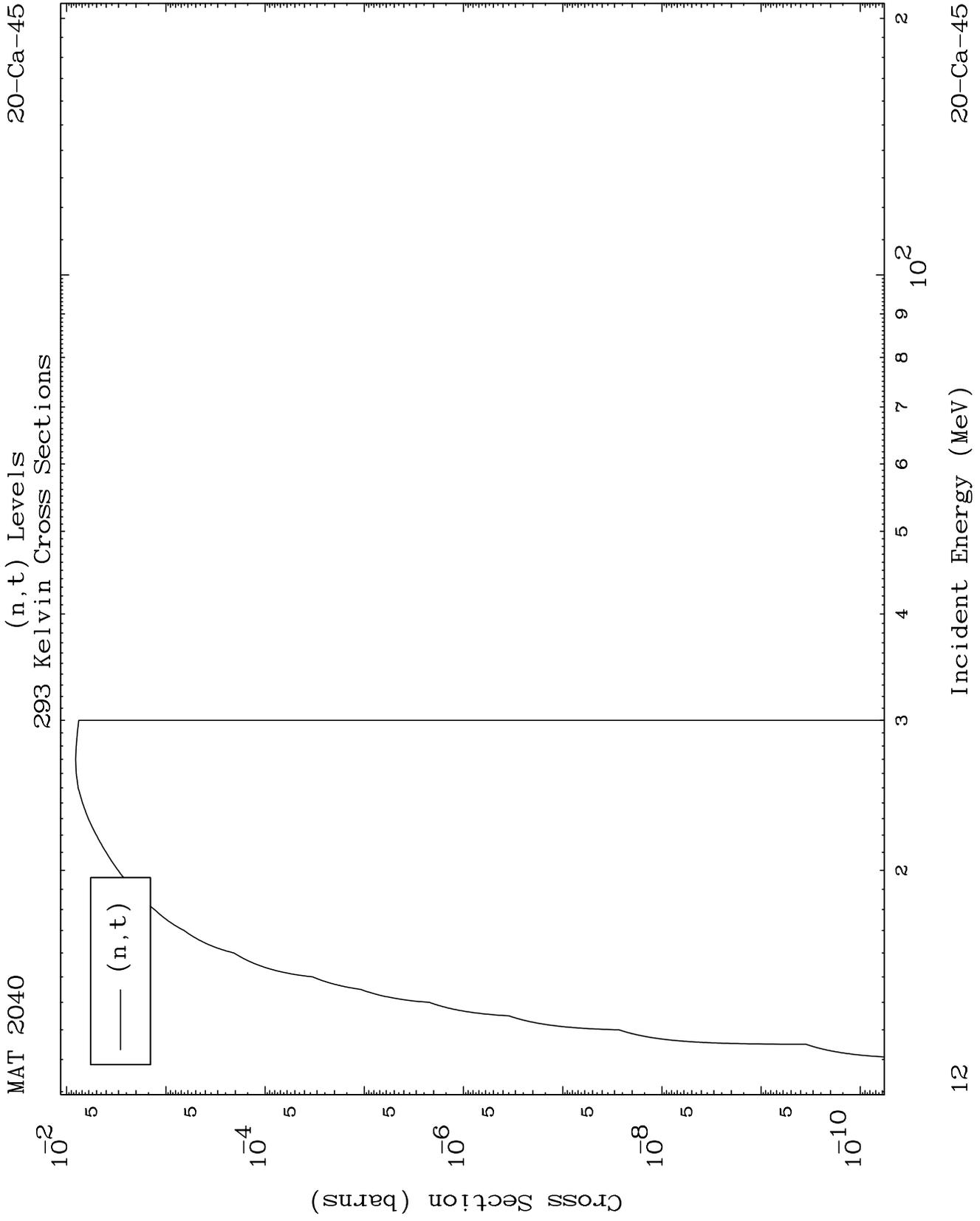
20-Ca-45

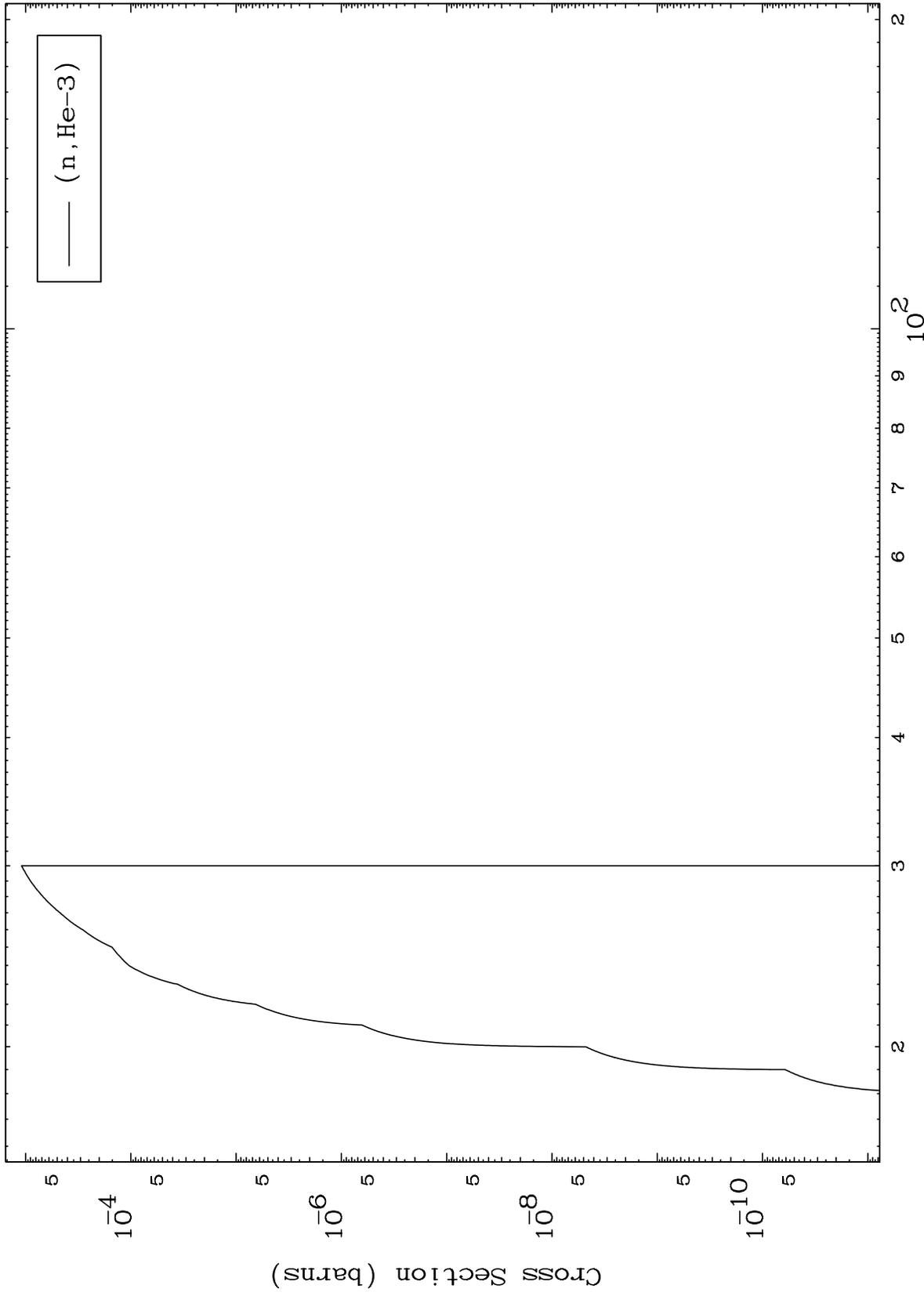


11

Incident Energy (MeV)

20-Ca-45

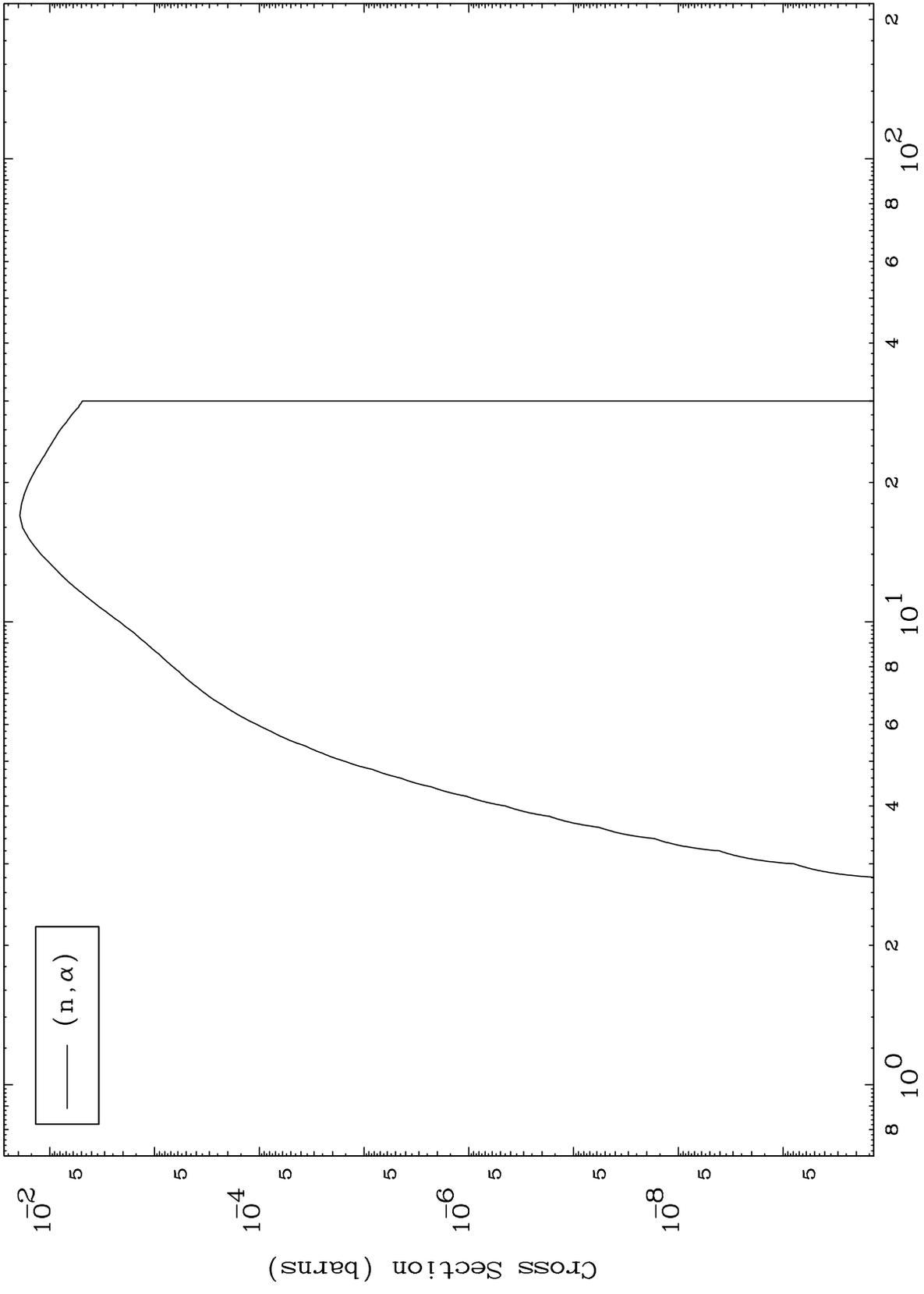




MAT 2040

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

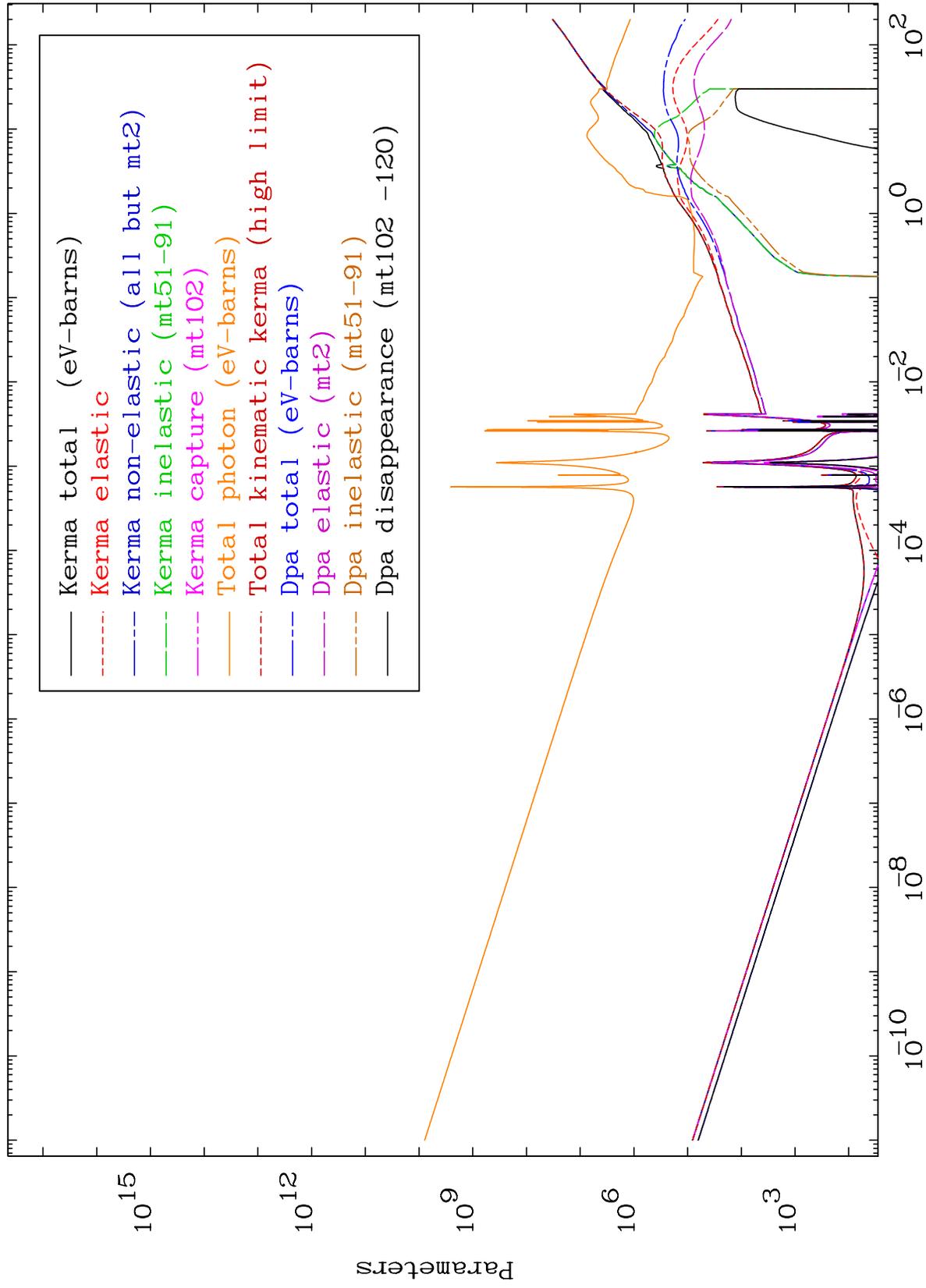
20-Ca-45

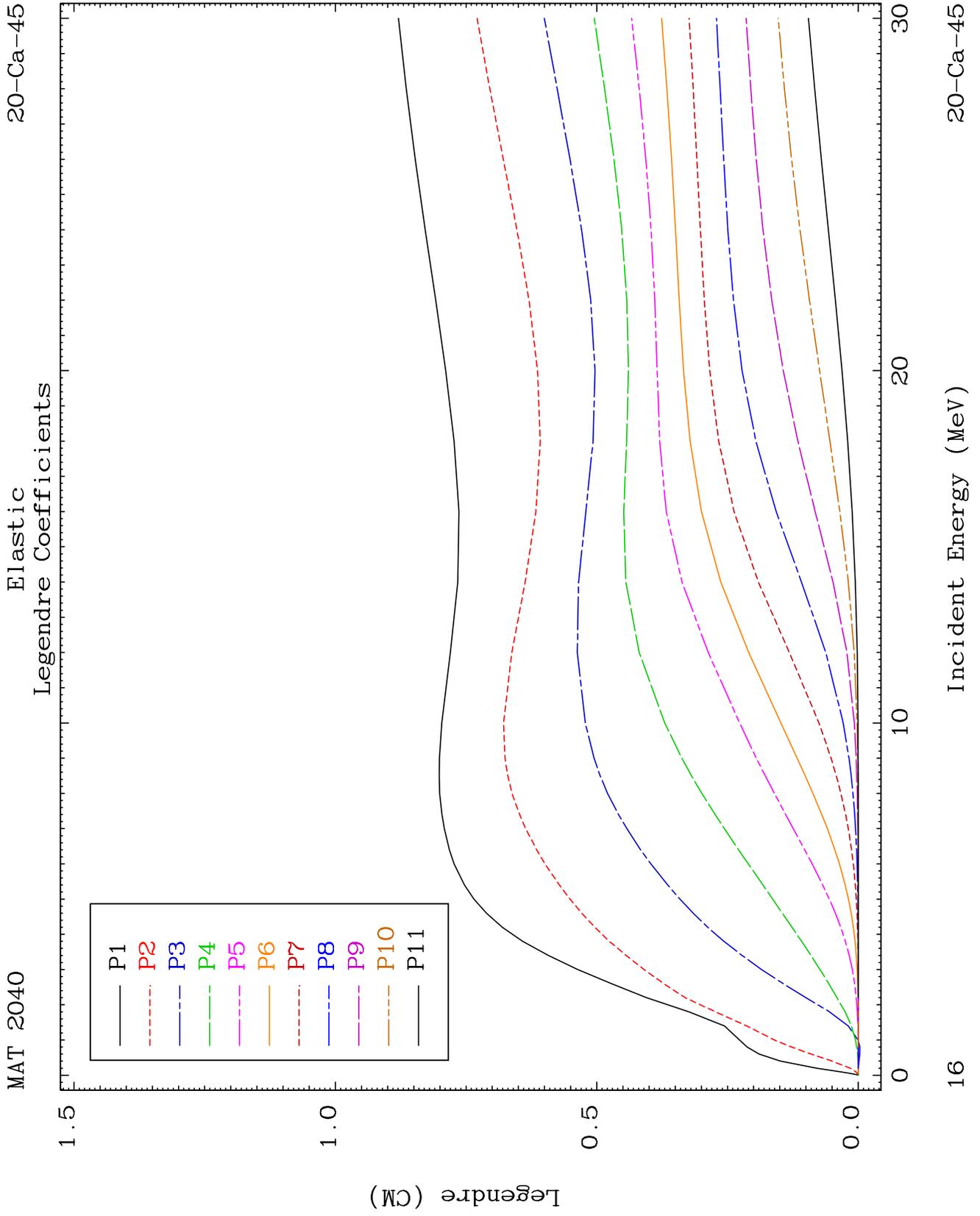


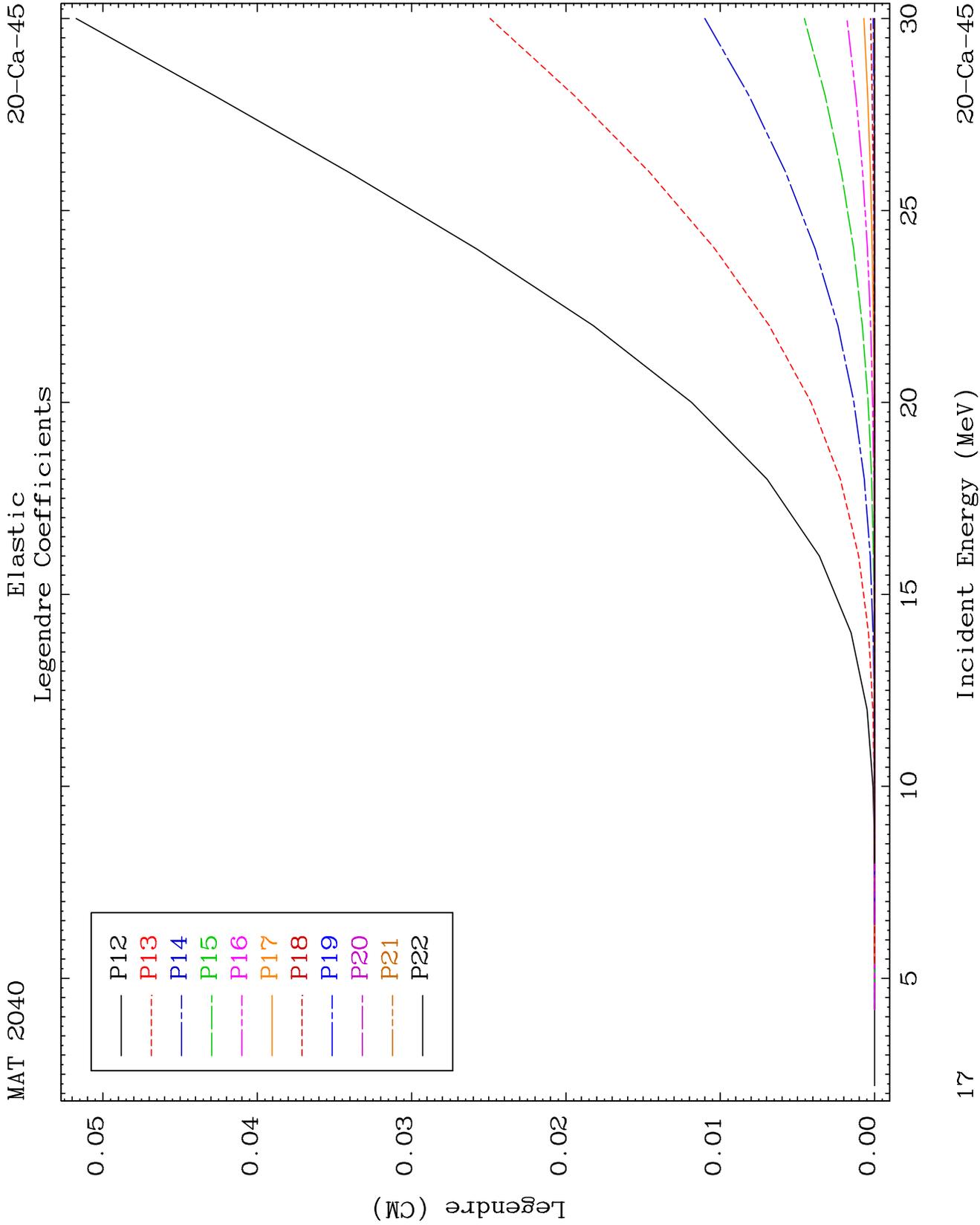
14

Incident Energy (MeV)

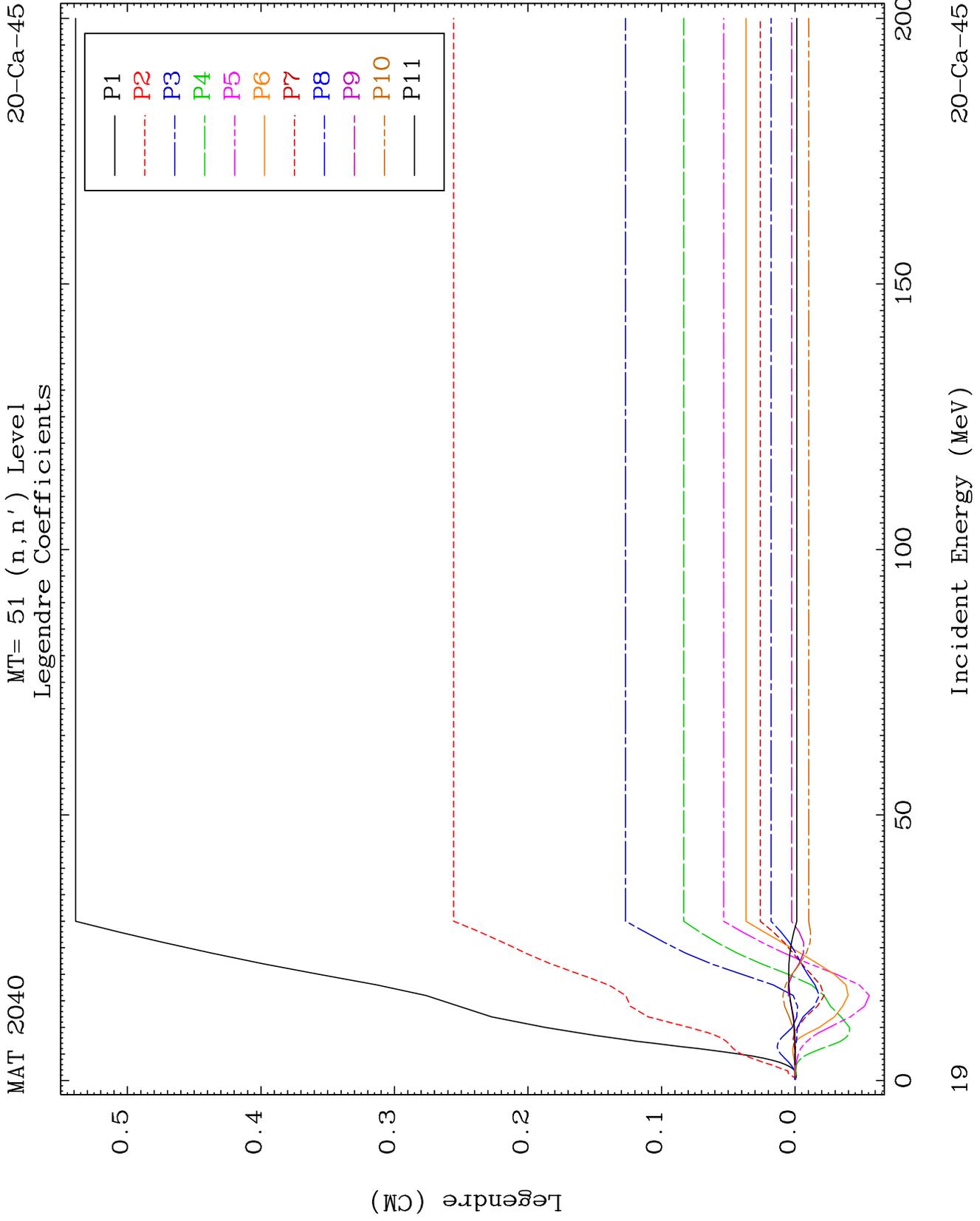
20-Ca-45

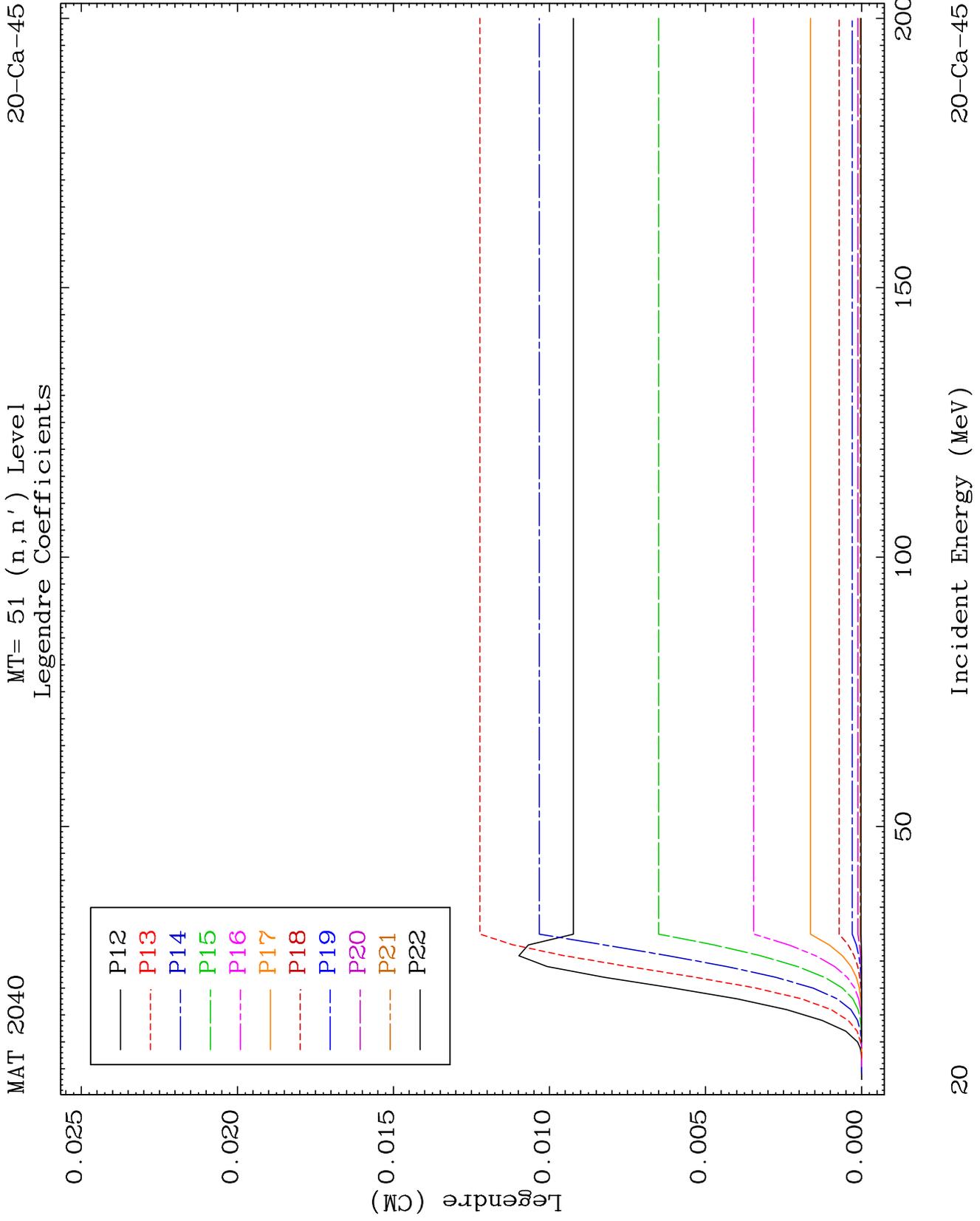


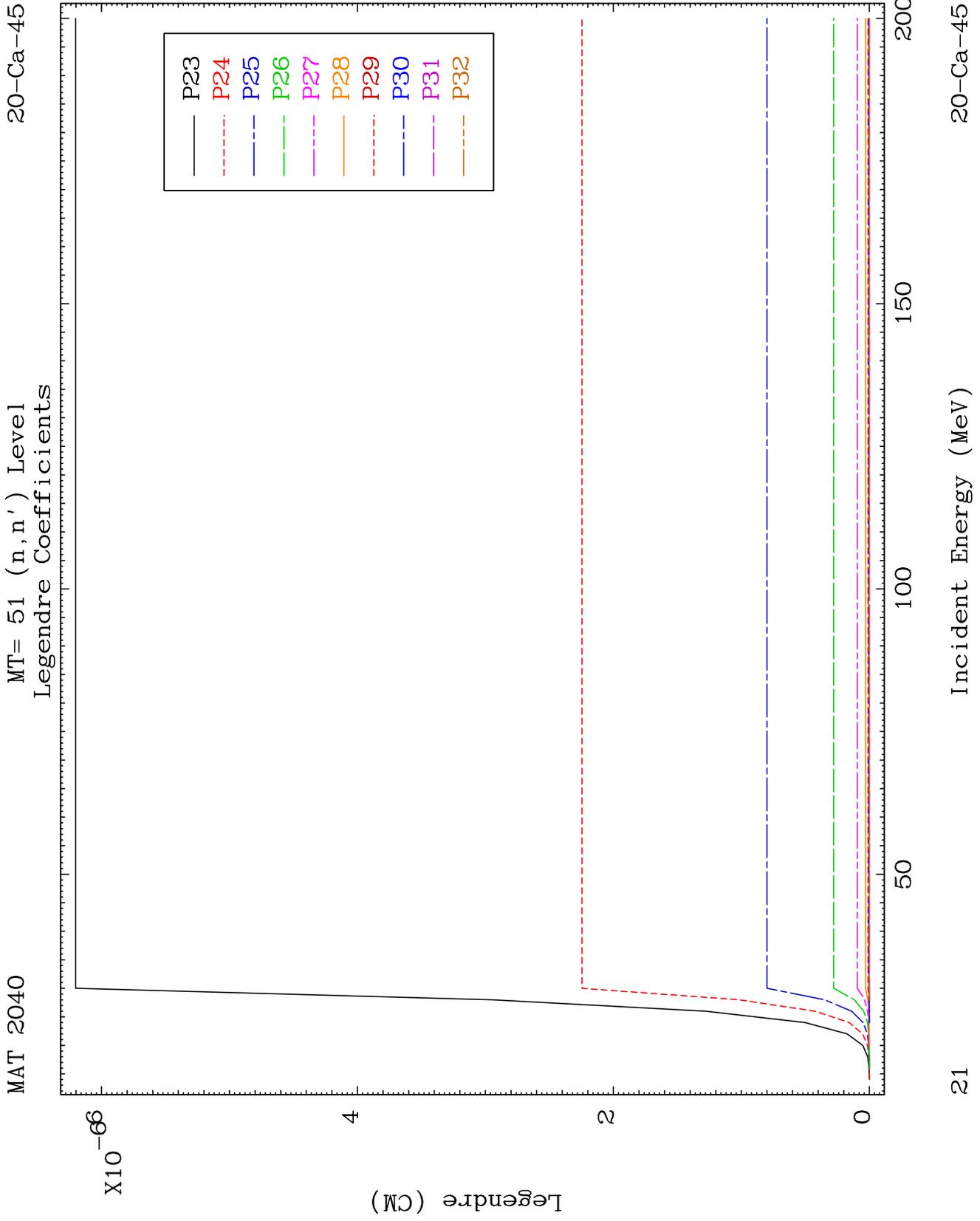


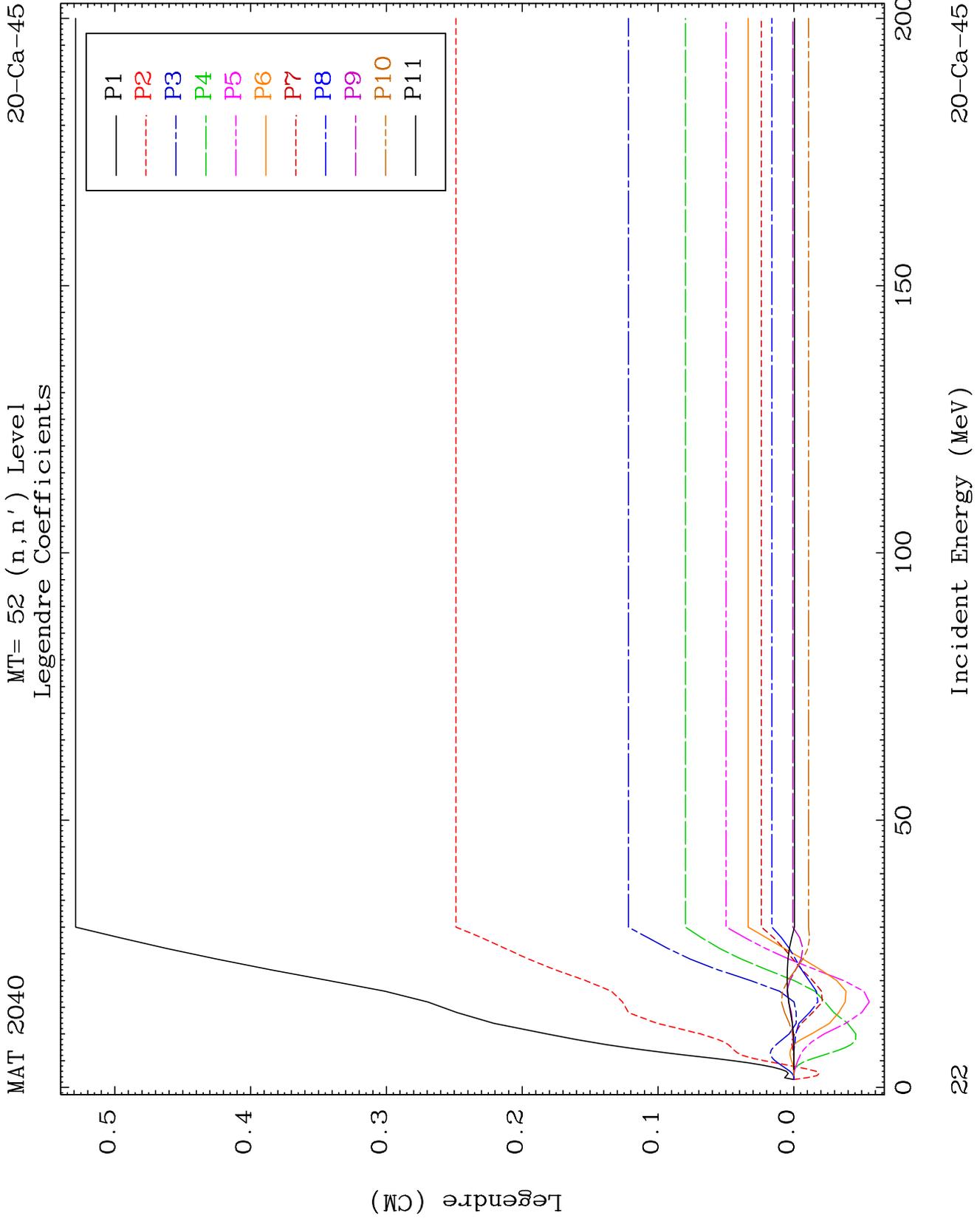




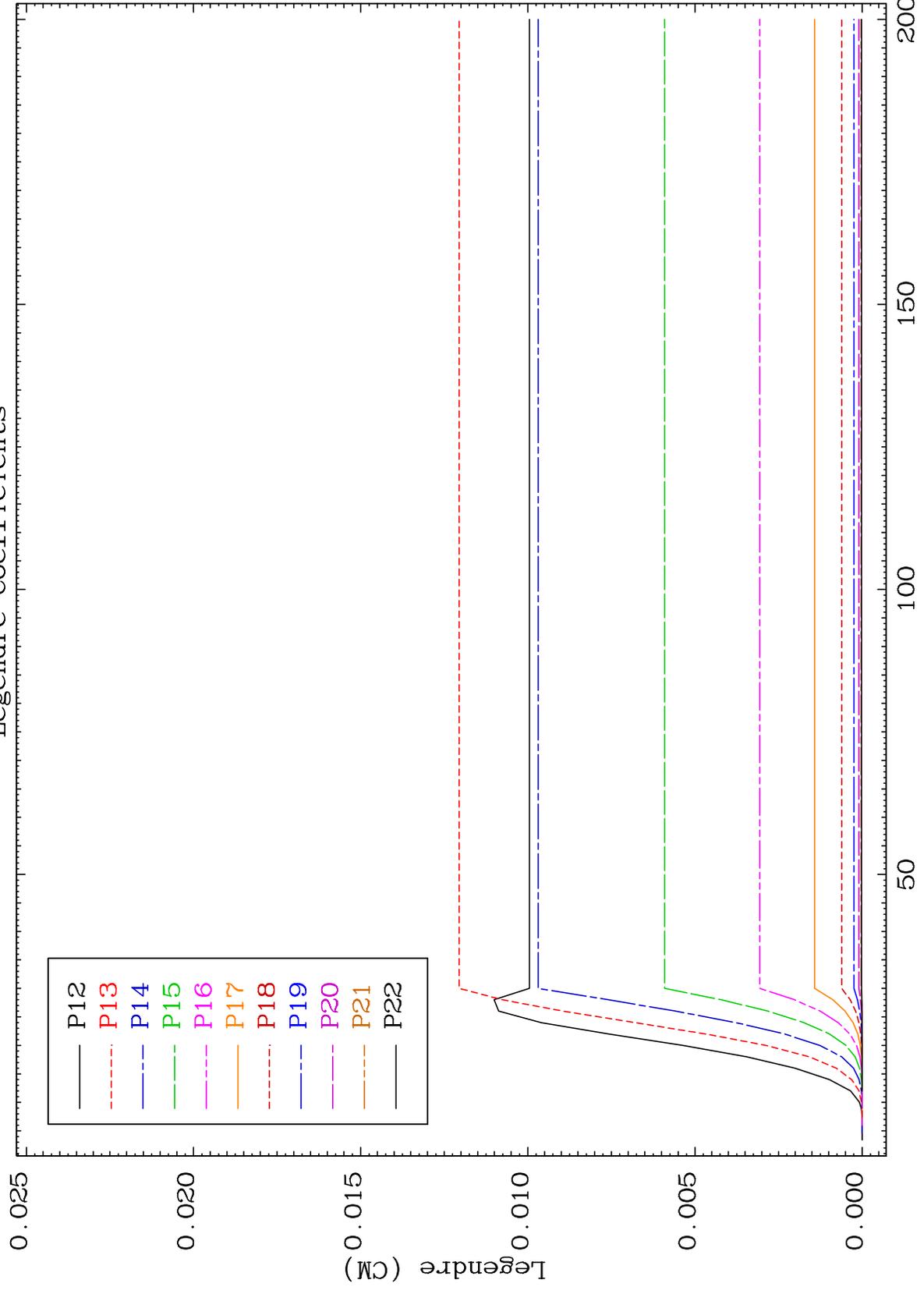




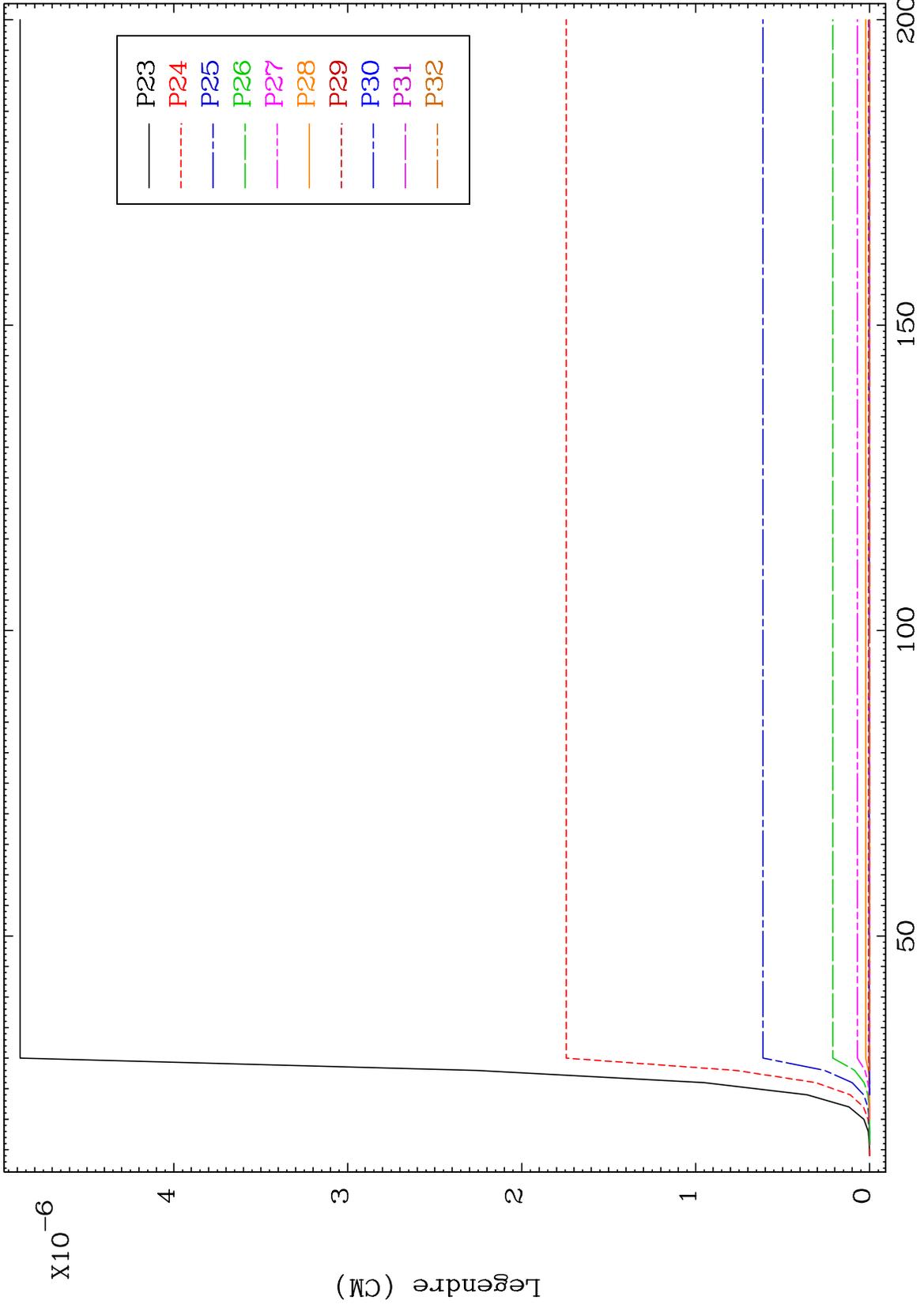




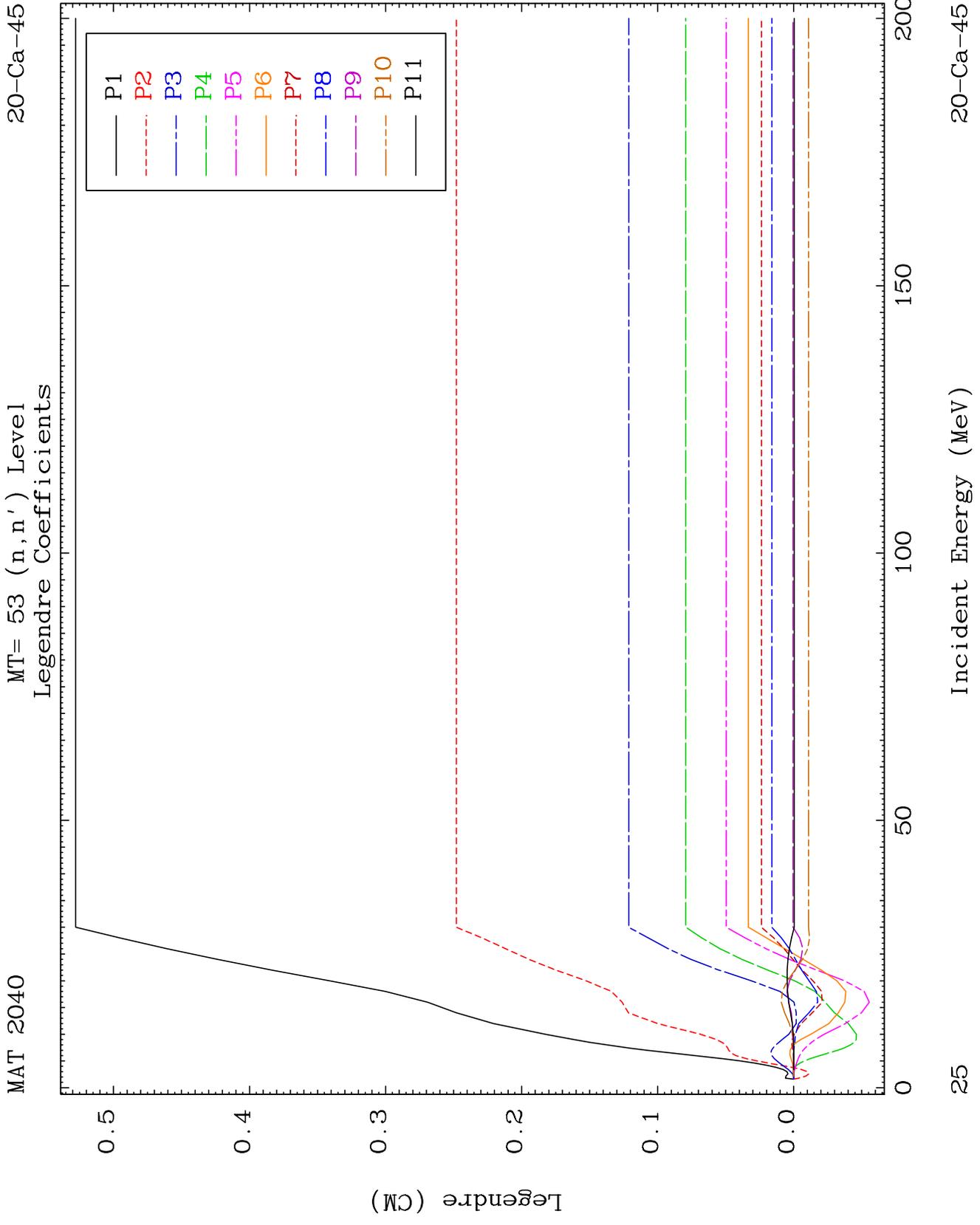
MAT 2040 MT= 52 (n,n') Level Legendre Coefficients 20-Ca-45

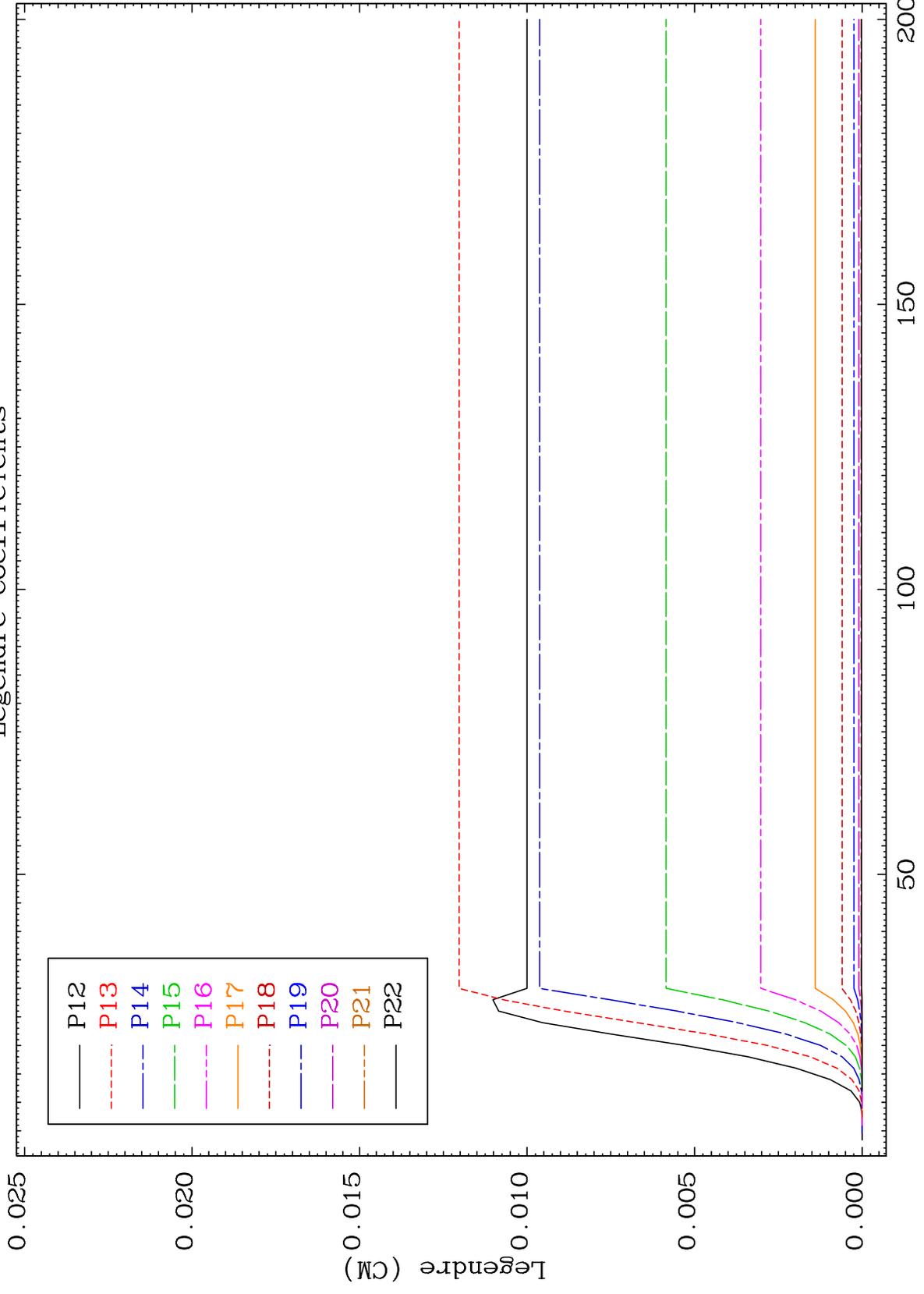


MAT 2040 MT= 52 (n,n') Level Legendre Coefficients 20-Ca-45

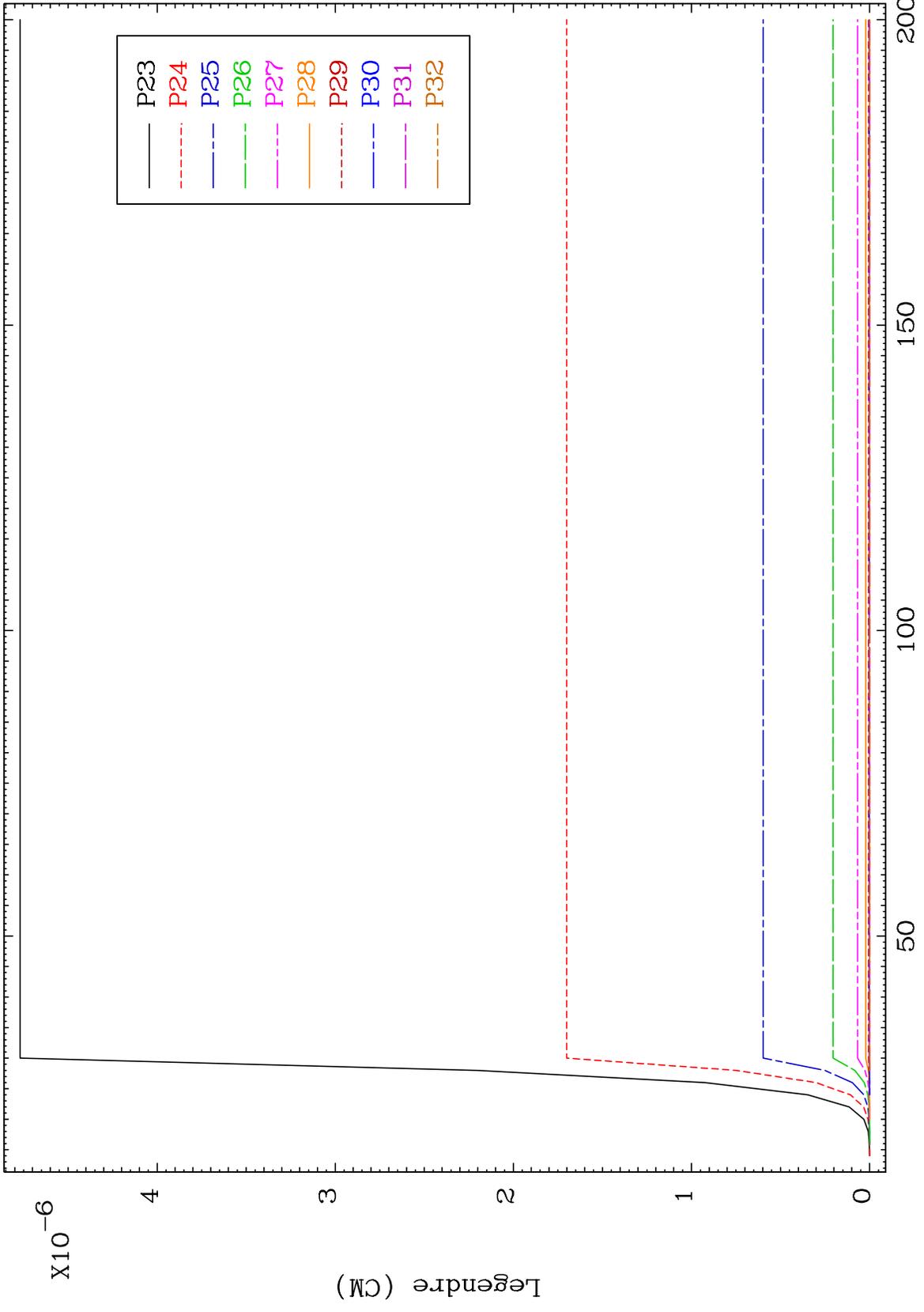


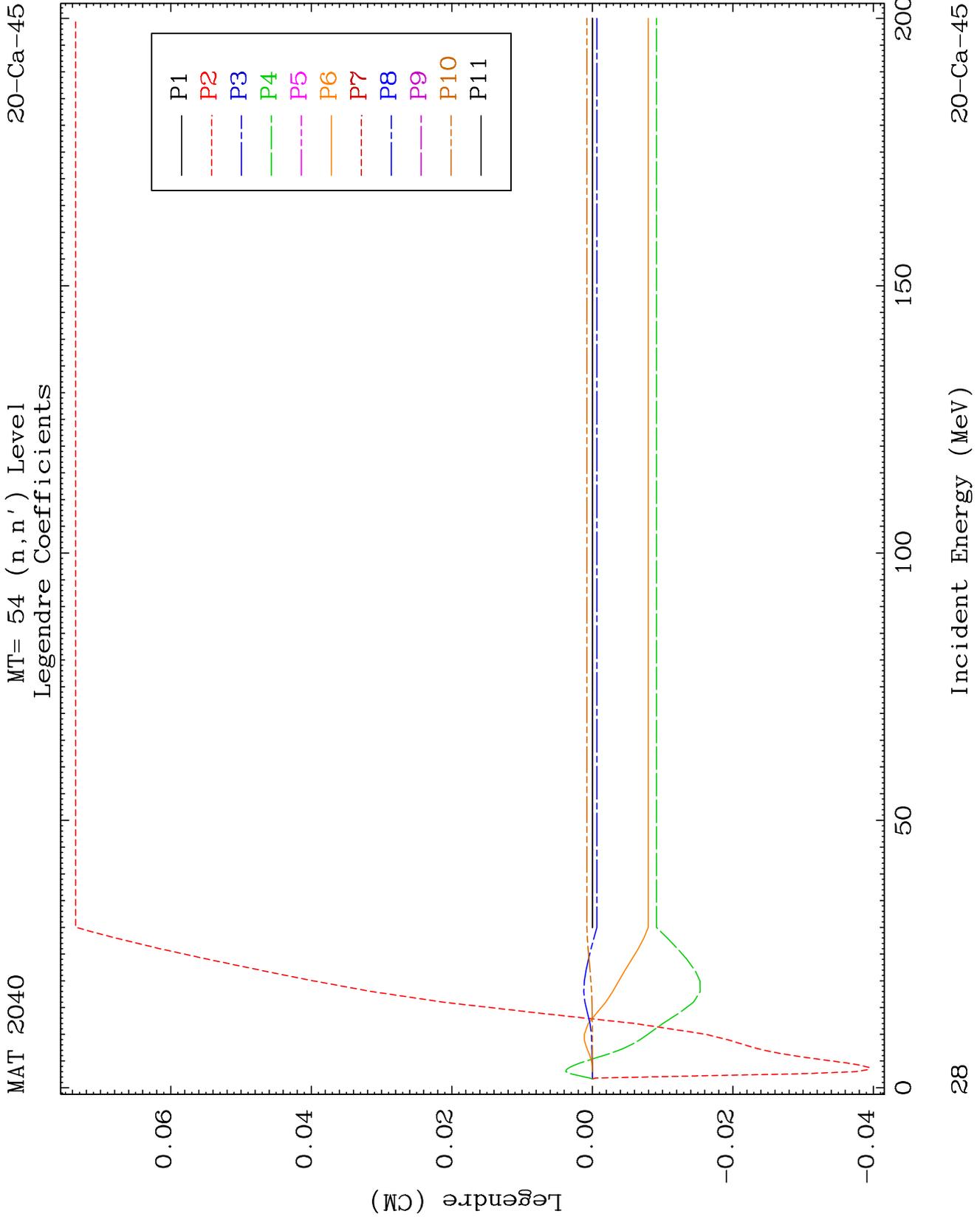
24 Incident Energy (MeV) 20-Ca-45





MAT 2040 MT= 53 (n,n') Level Legendre Coefficients 20-Ca-45

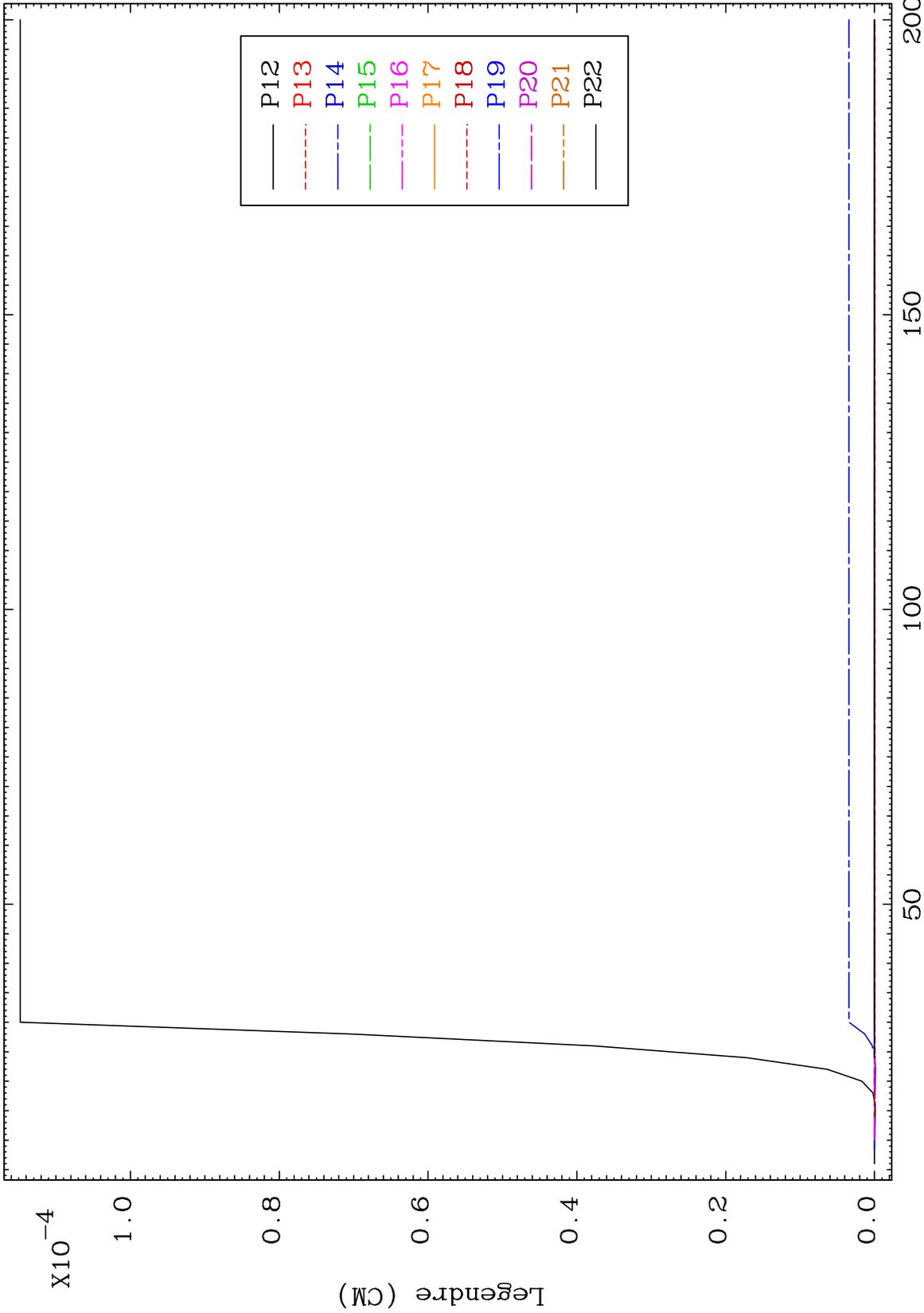




MAT 2040

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

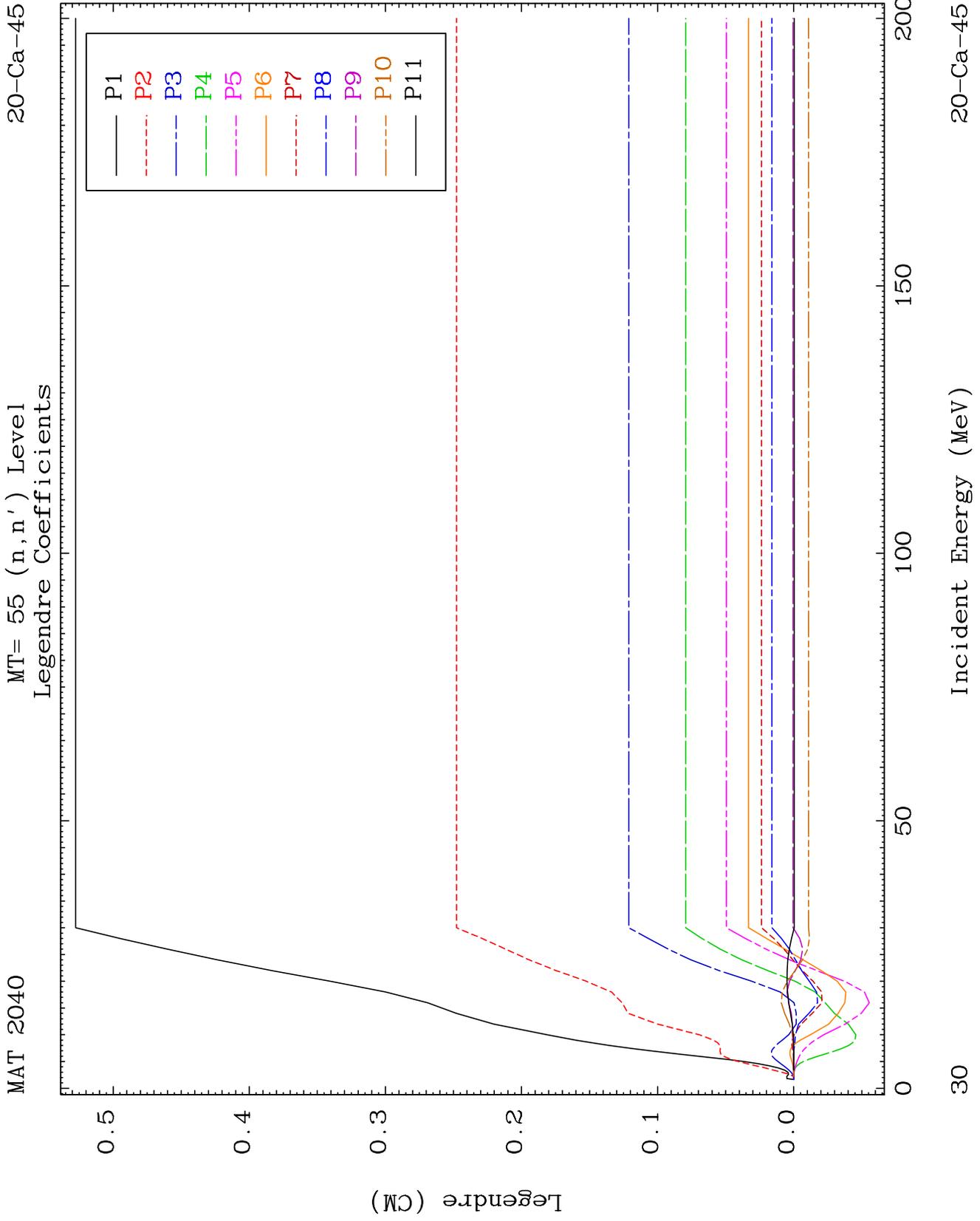
20-Ca-45

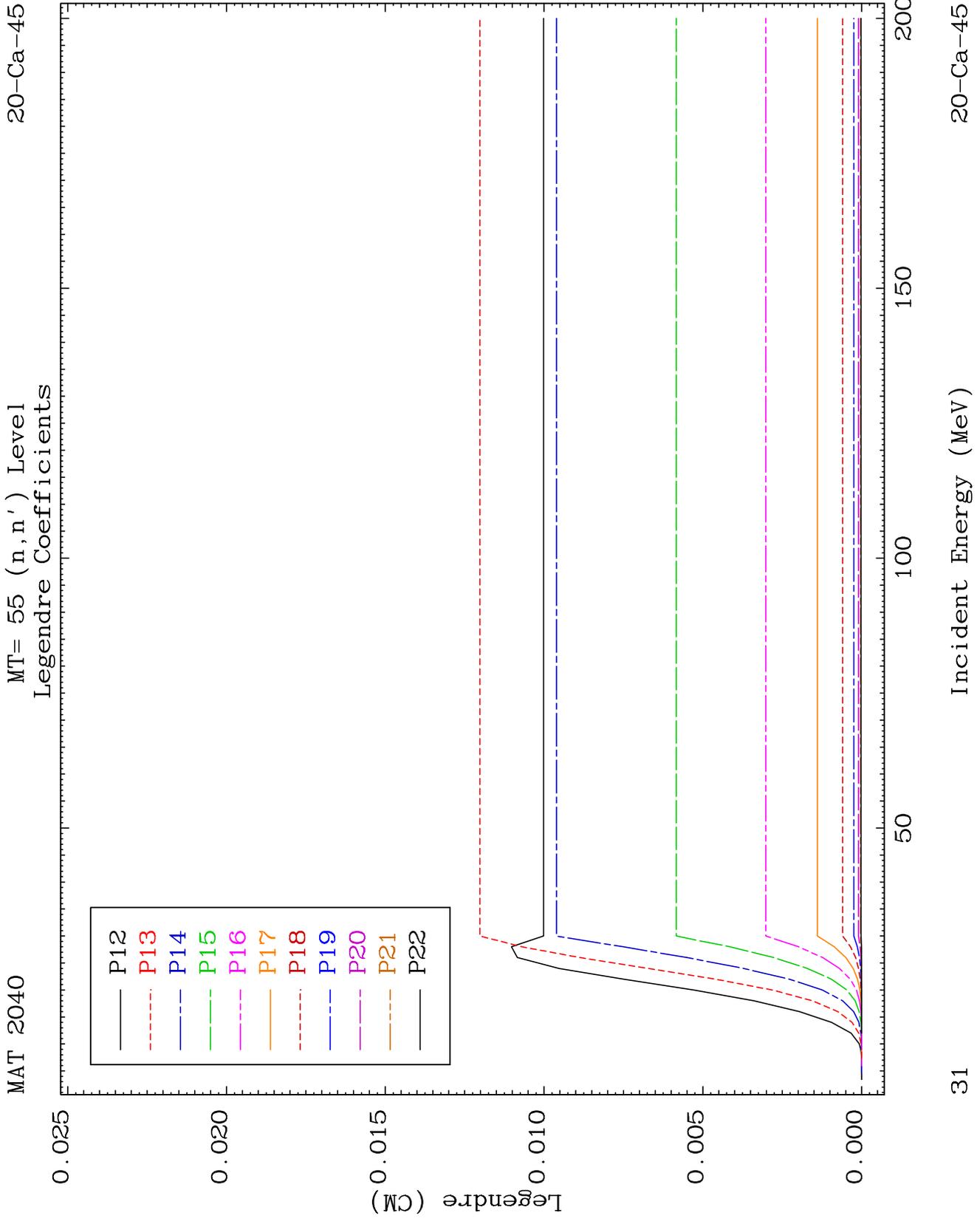


29

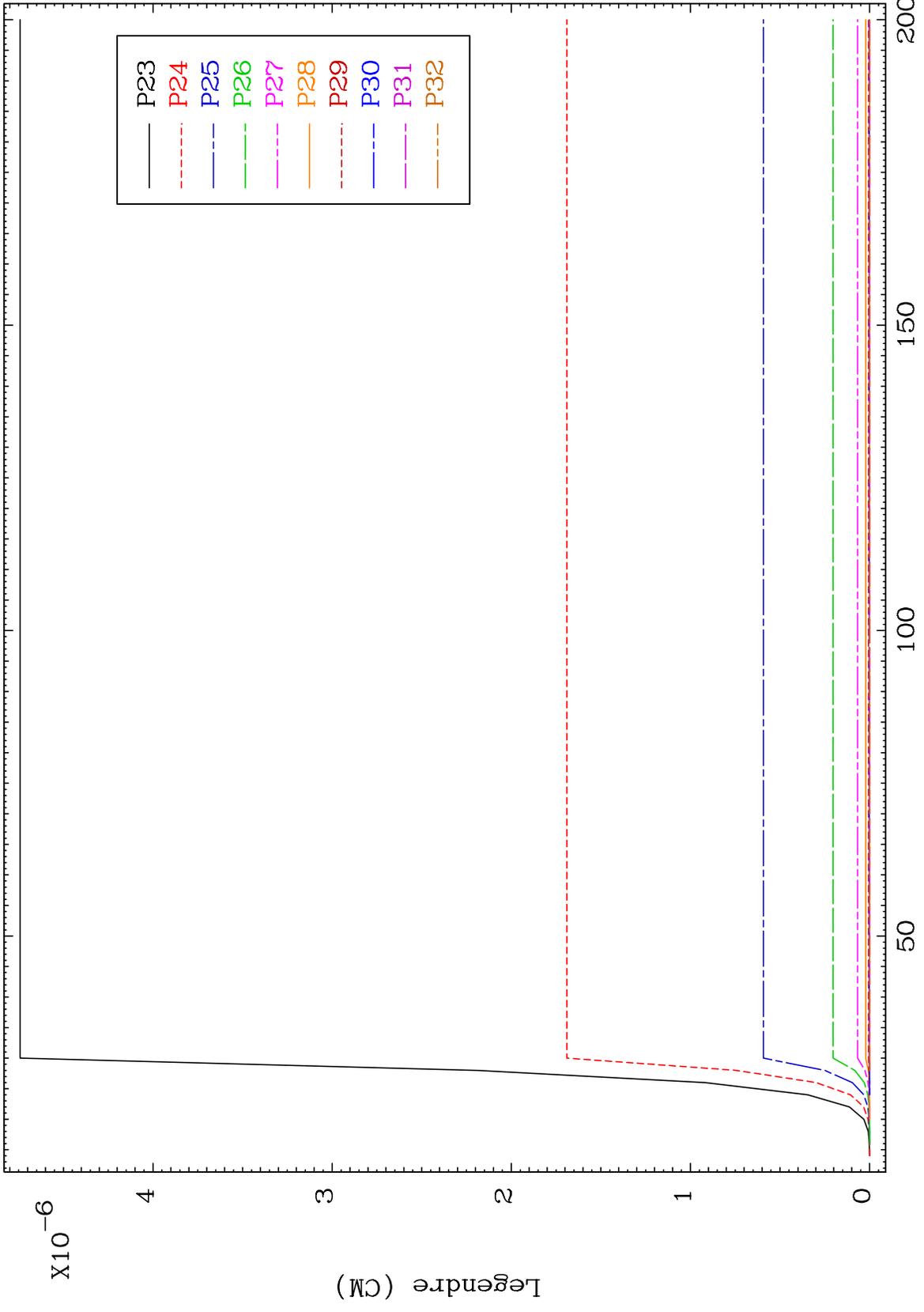
Incident Energy (MeV)

20-Ca-45



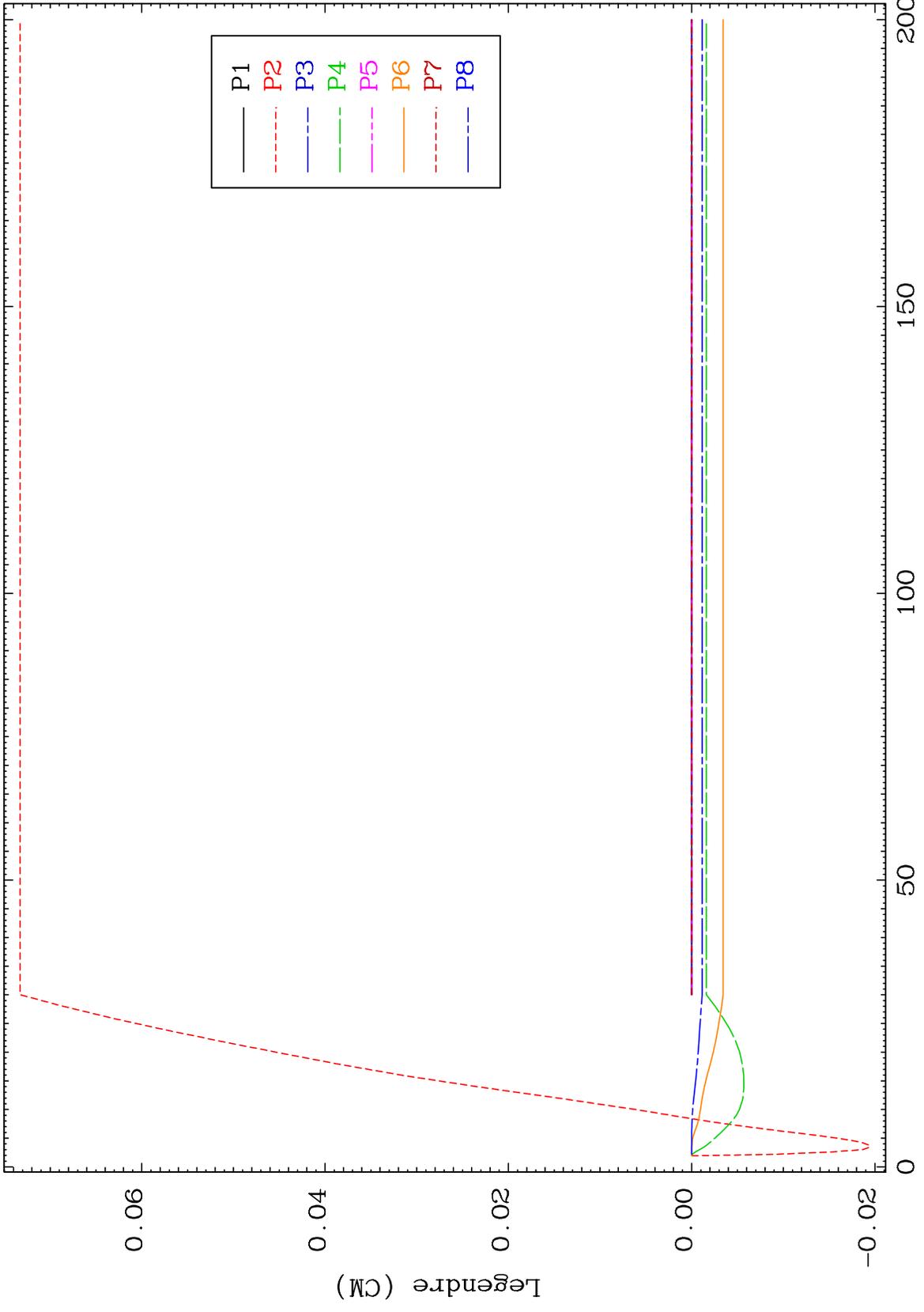


MAT 2040 MT= 55 (n,n') Level Legendre Coefficients 20-Ca-45



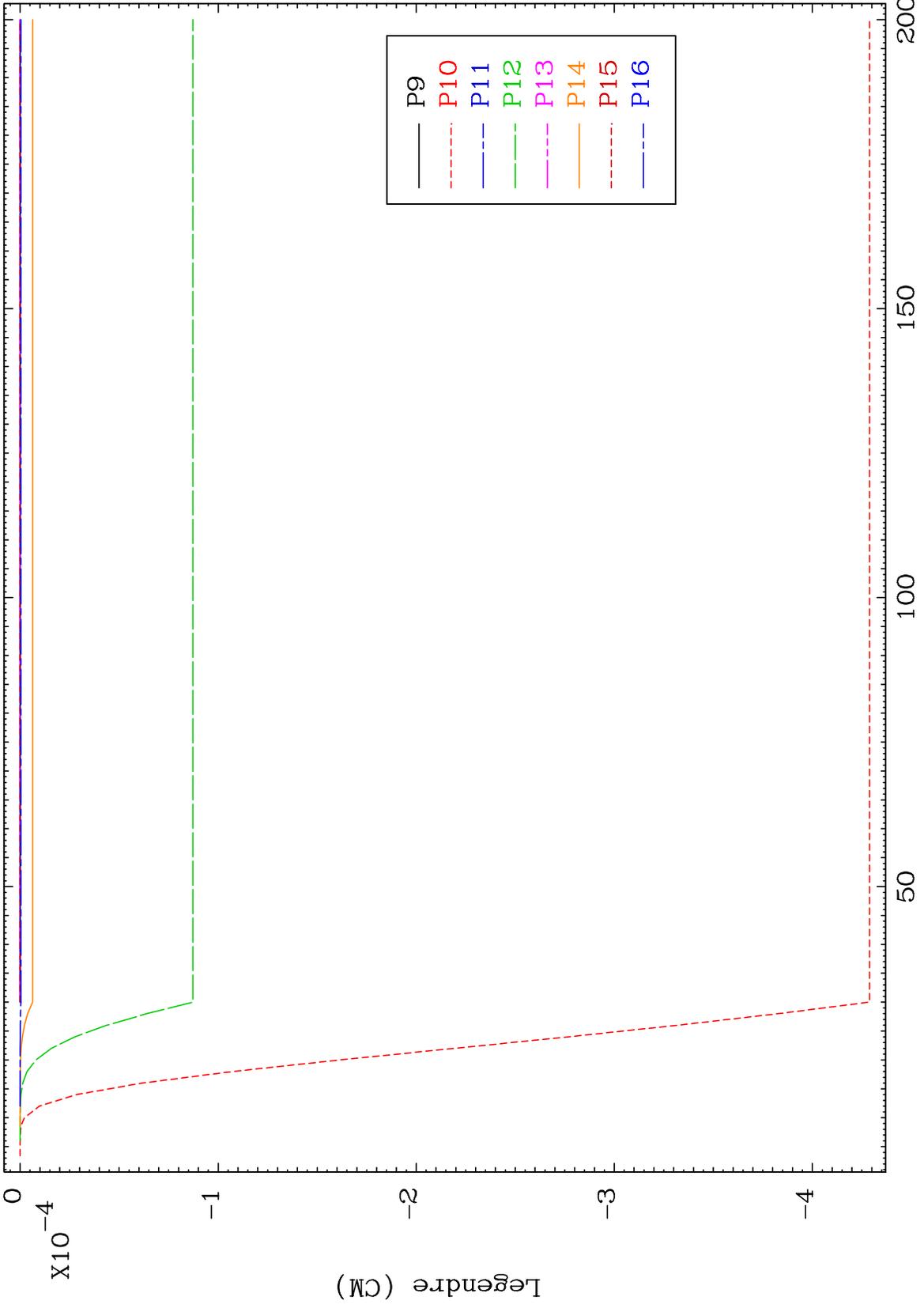
32 50 100 150 200 20-Ca-45

MAT 2040 MT= 56 (n,n') Level Legendre Coefficients 20-Ca-45



33 20-Ca-45

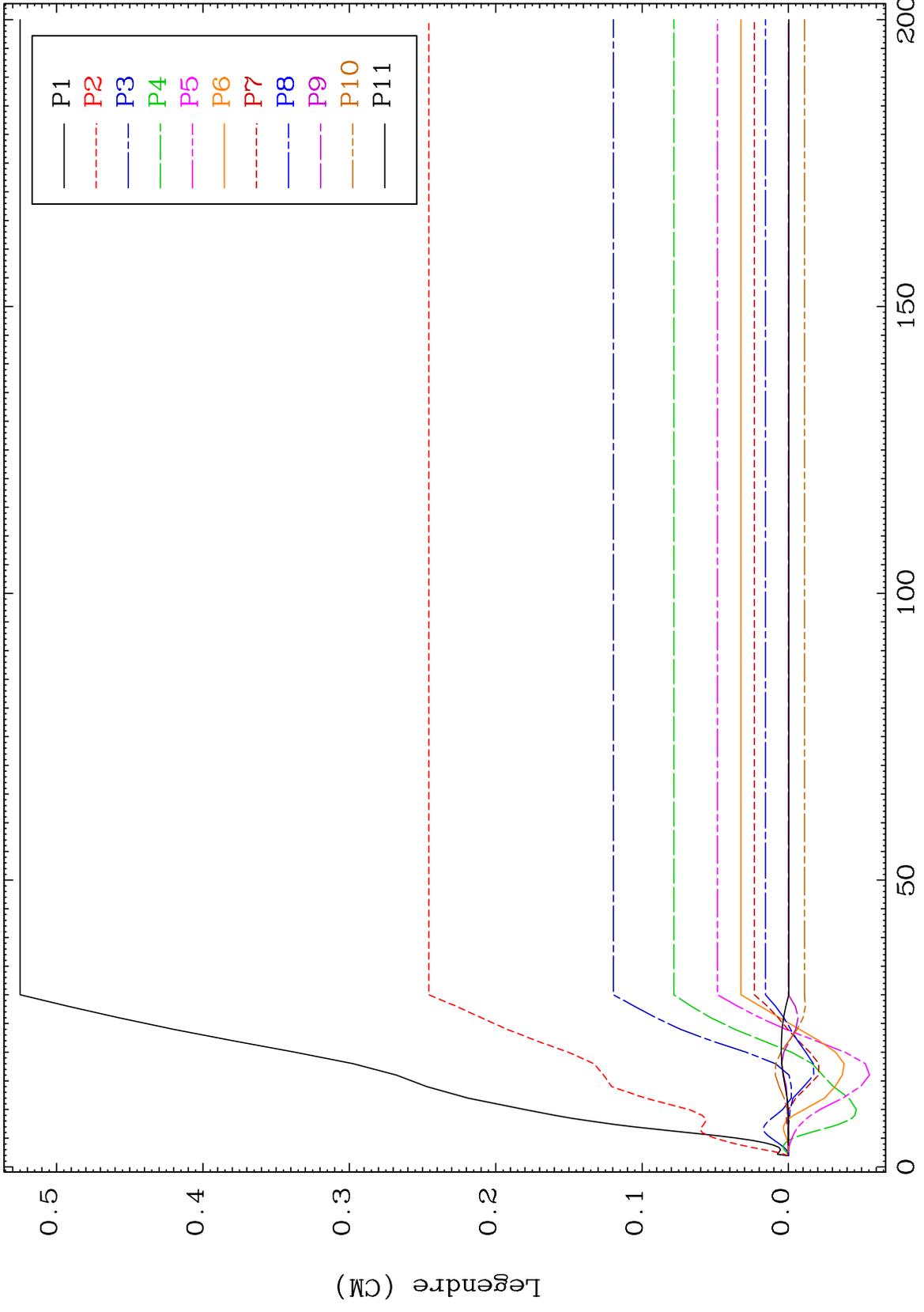
MAT 2040 MT= 56 (n,n') Level Legendre Coefficients 20-Ca-45



34 20-Ca-45

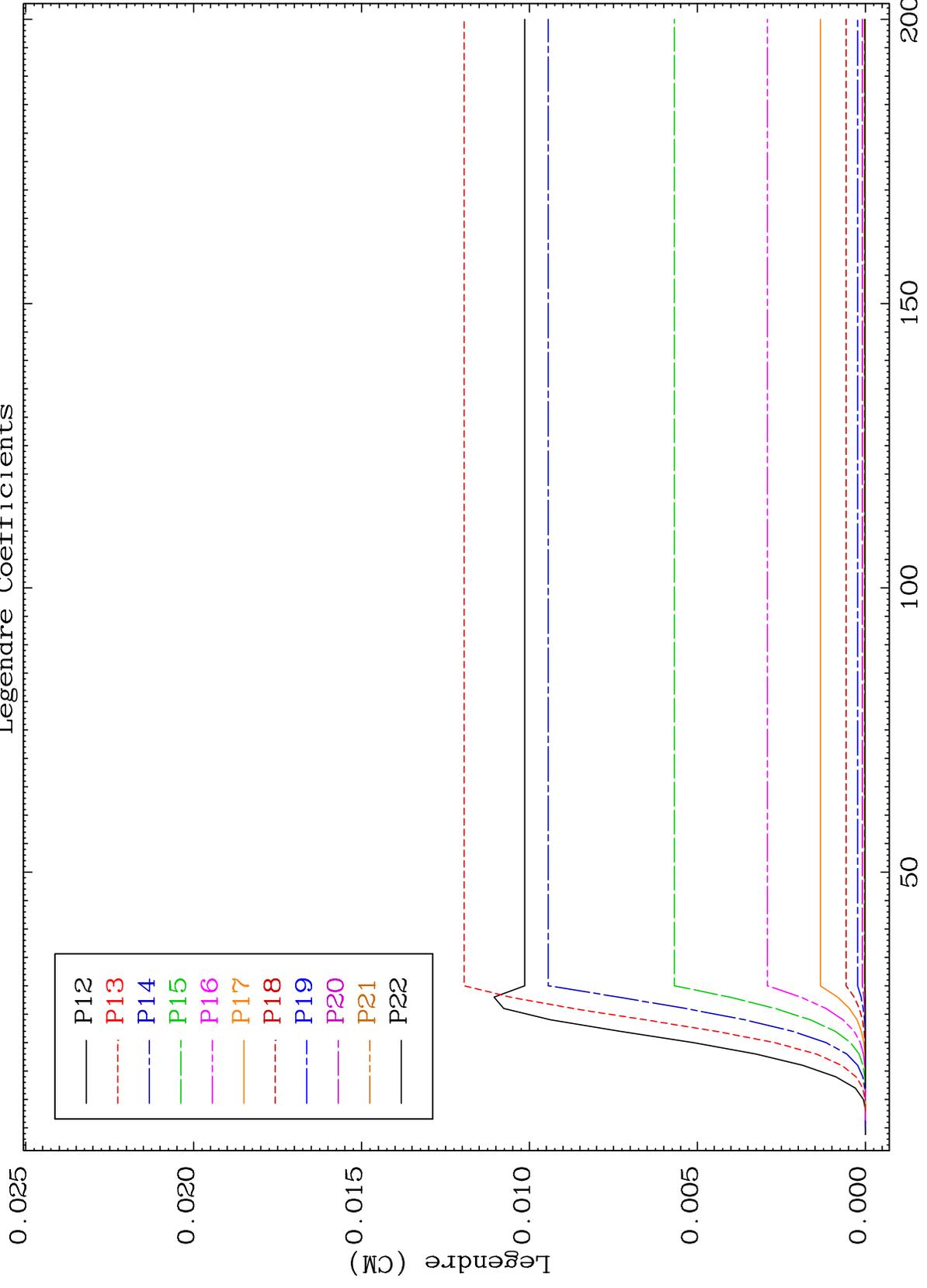


MAT 2040 MT= 57 (n,n') Level Legendre Coefficients 20-Ca-45

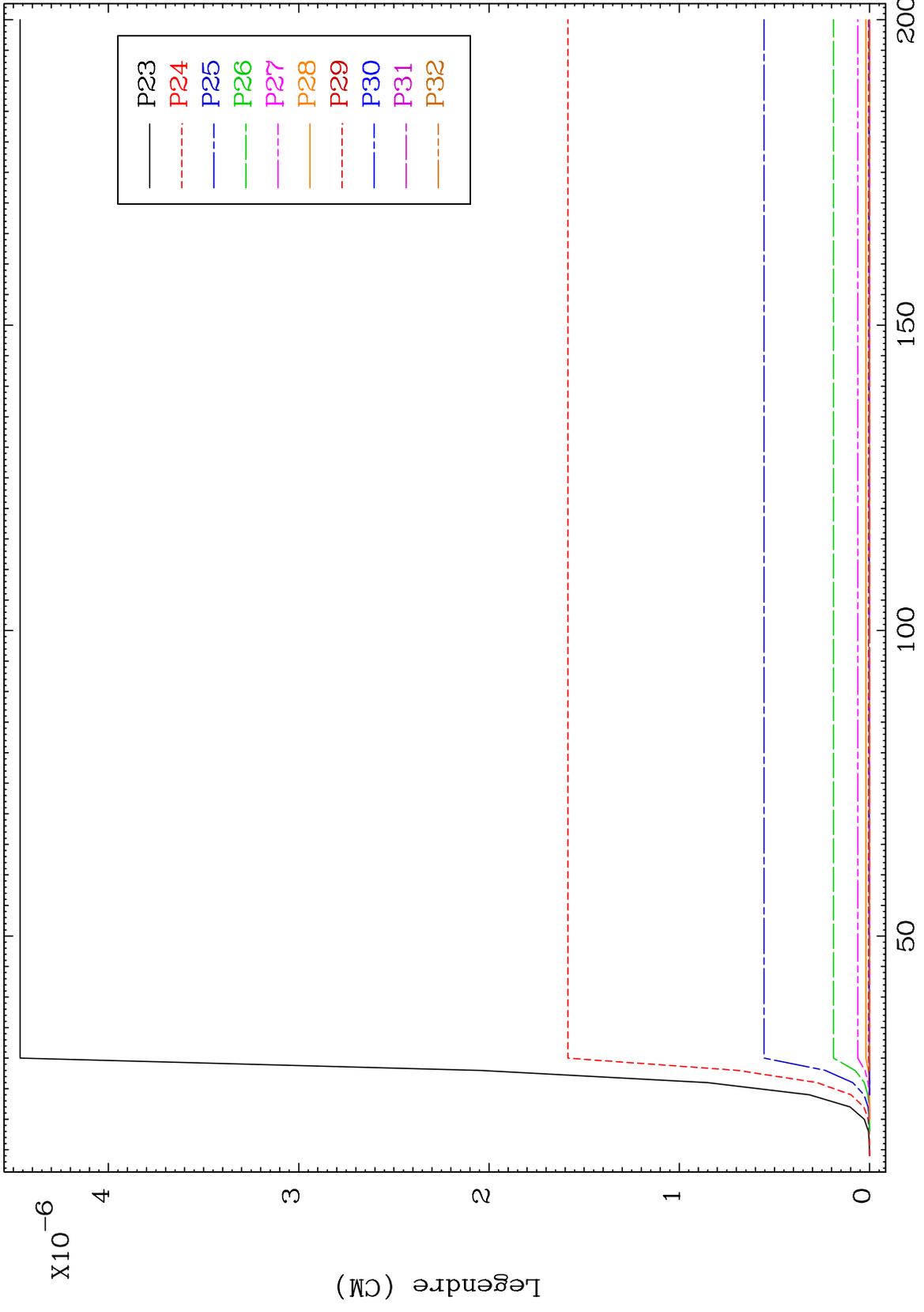


36 20-Ca-45

MAT 2040 MT= 57 (n,n') Level Legendre Coefficients 20-Ca-45



MAT 2040 MT= 57 (n,n') Level Legendre Coefficients 20-Ca-45

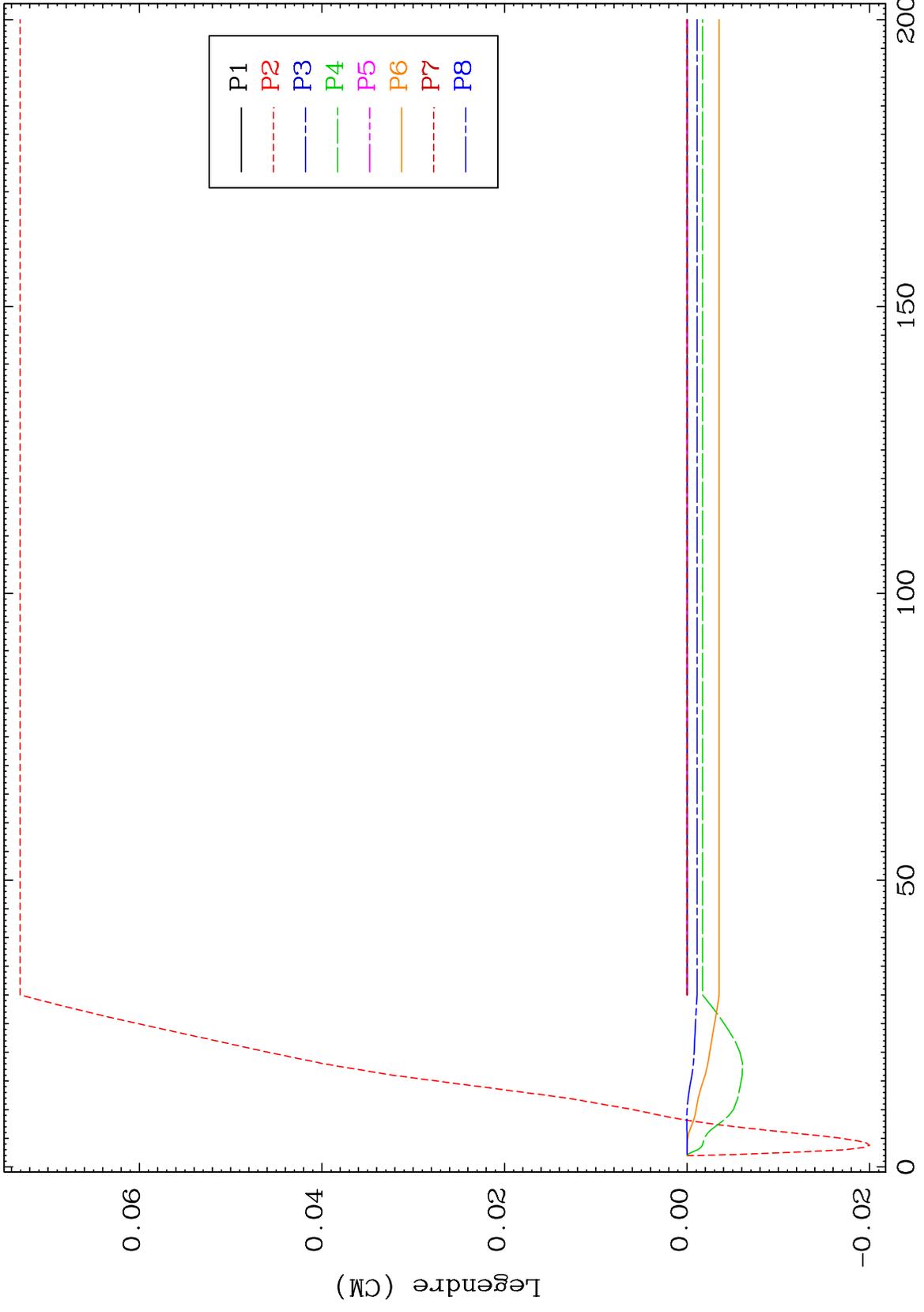


38

Incident Energy (MeV)

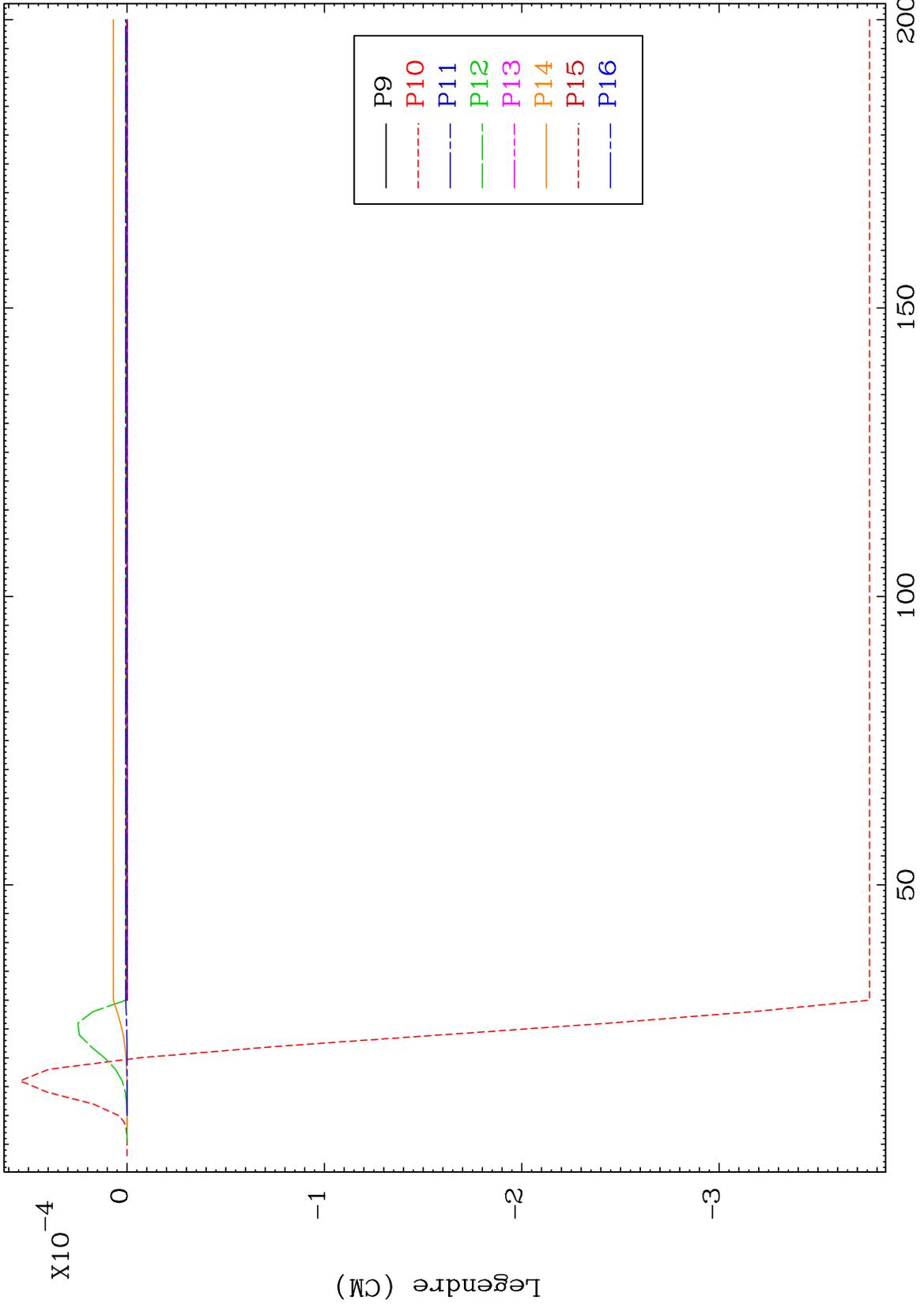
20-Ca-45

MAT 2040 MT= 58 (n,n') Level Legendre Coefficients 20-Ca-45



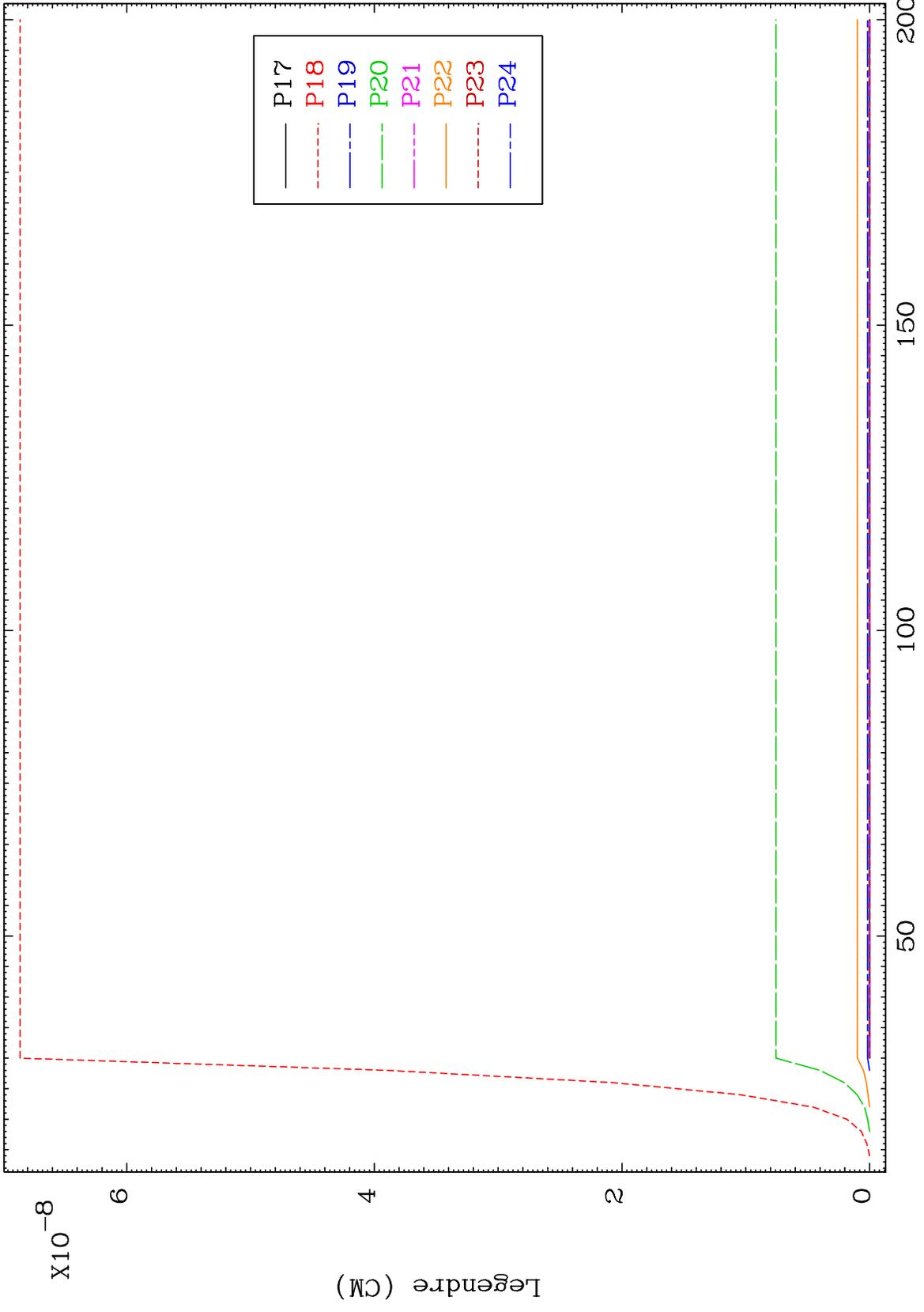
39 Incident Energy (MeV) 20-Ca-45

MAT 2040 MT= 58 (n,n') Level Legendre Coefficients 20-Ca-45

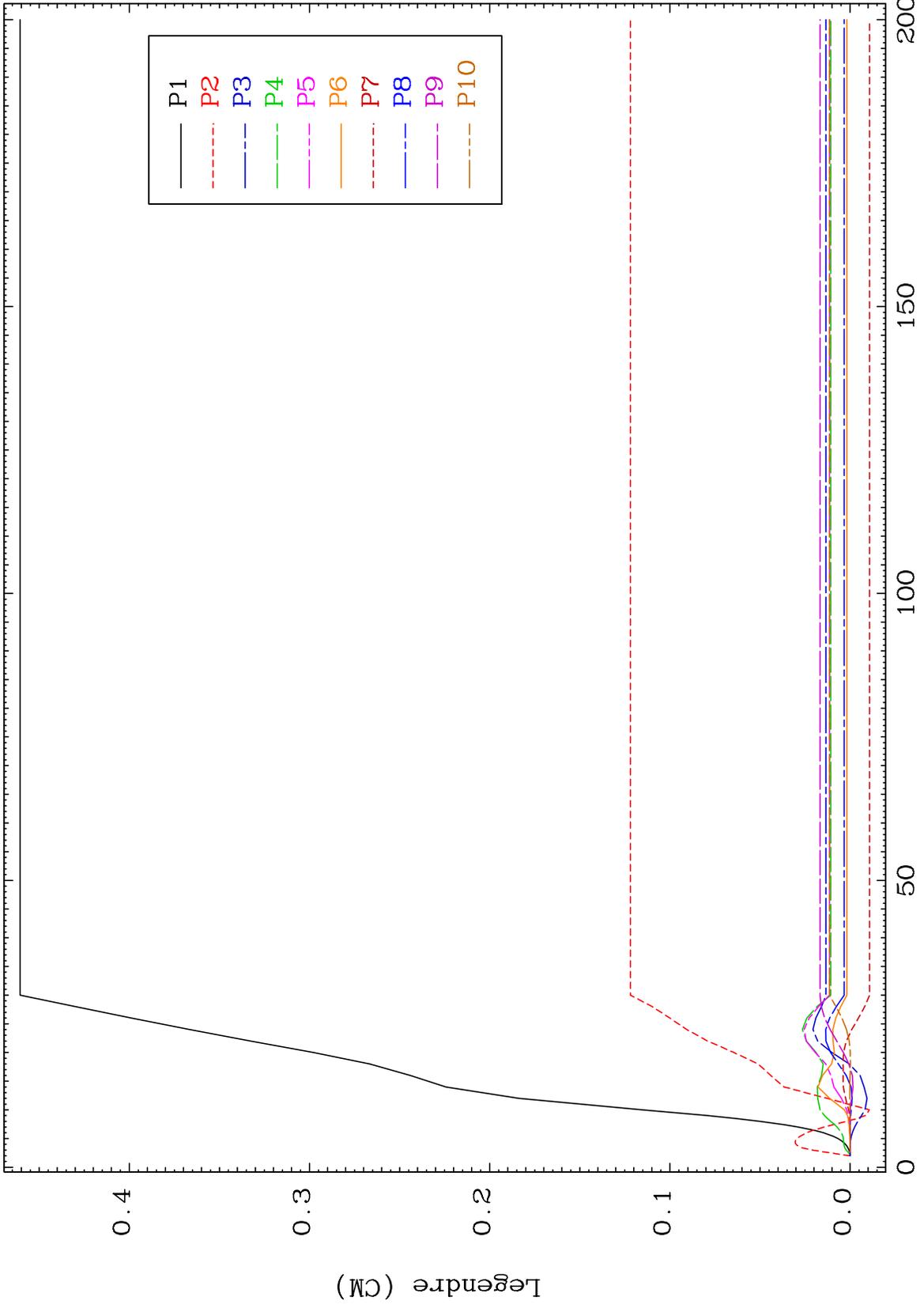


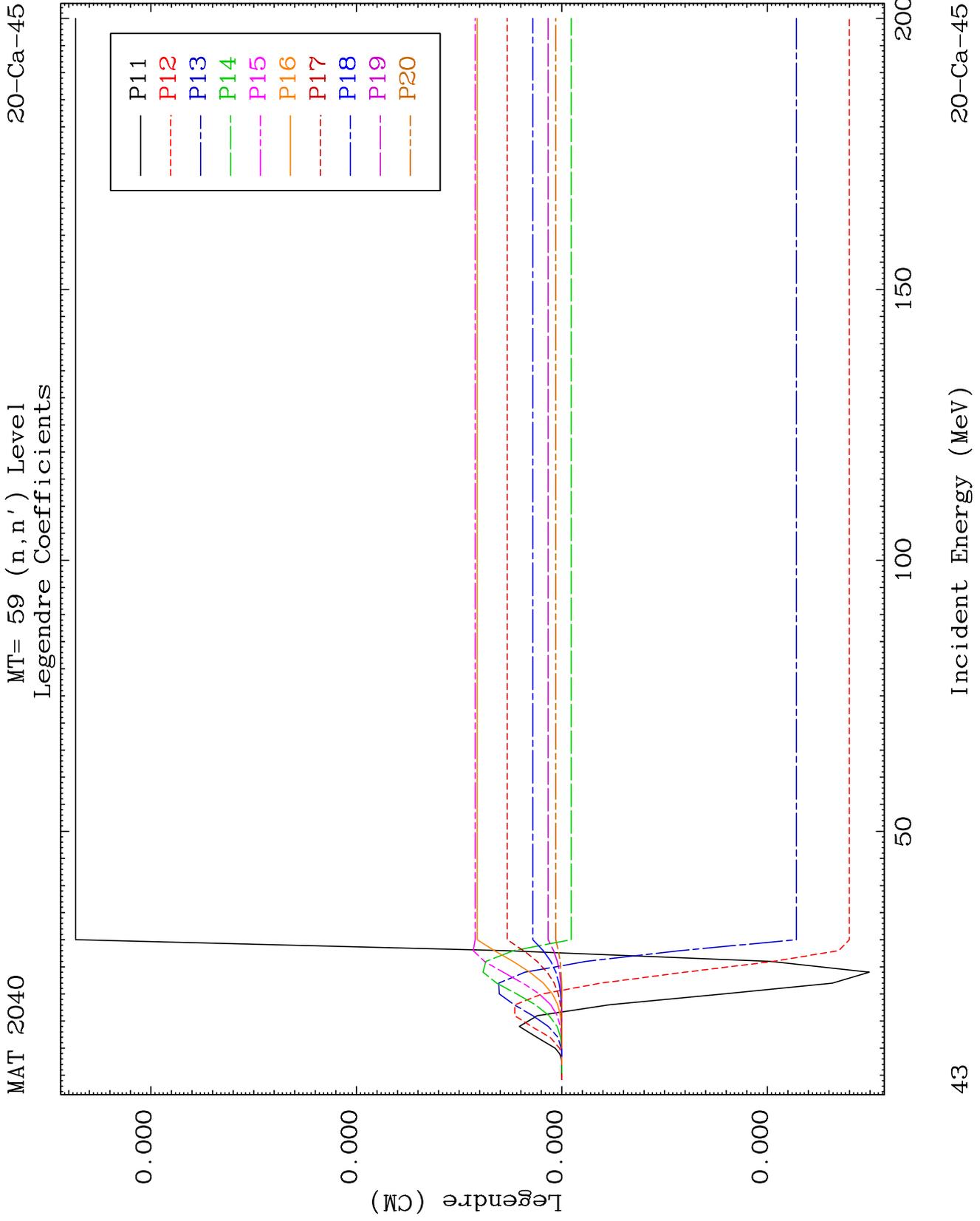
40 50 100 150 200 Incident Energy (MeV) 20-Ca-45

MAT 2040 MT= 58 (n,n') Level Legendre Coefficients 20-Ca-45

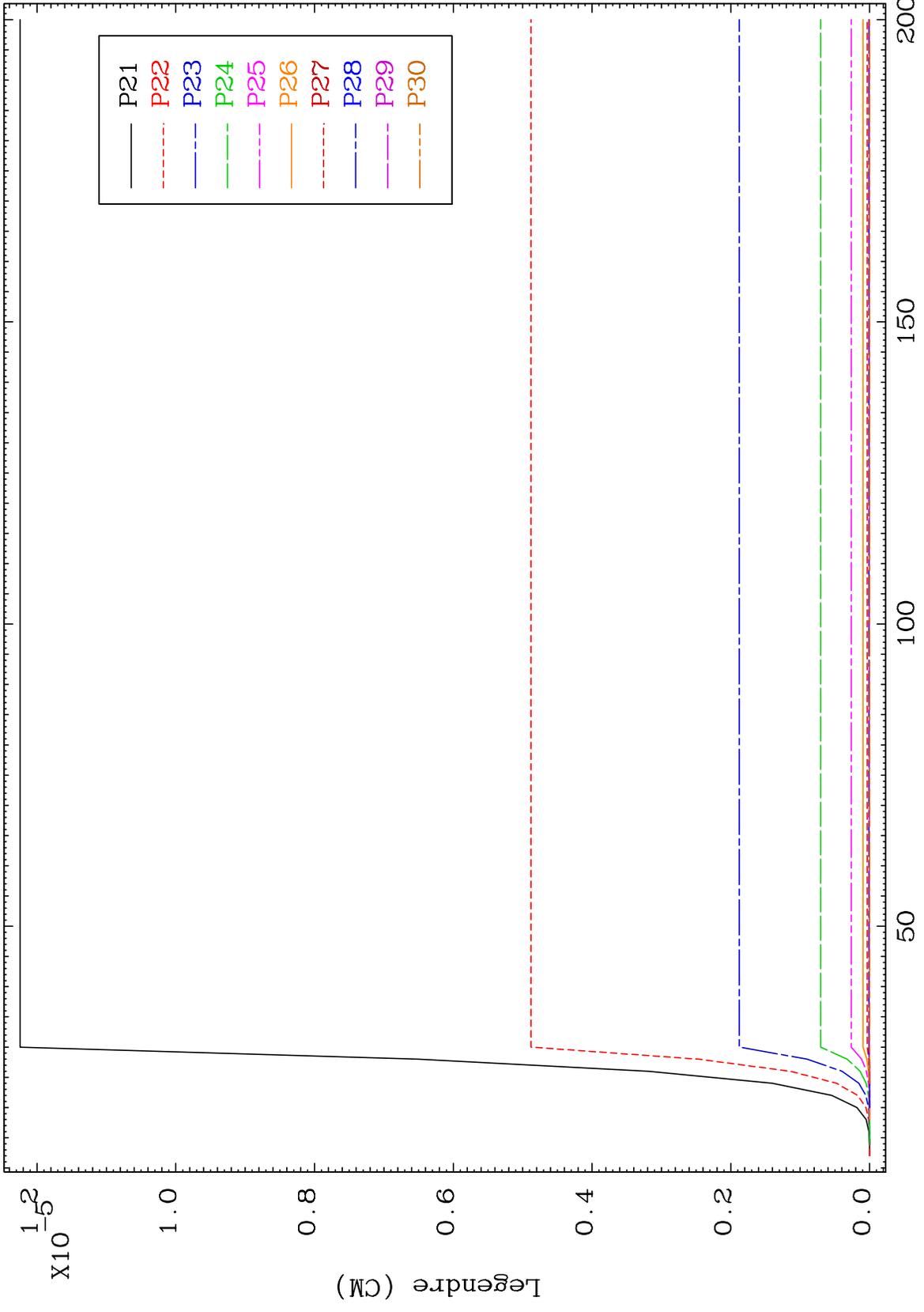


MAT 2040 MT= 59 (n,n') Level Legendre Coefficients 20-Ca-45

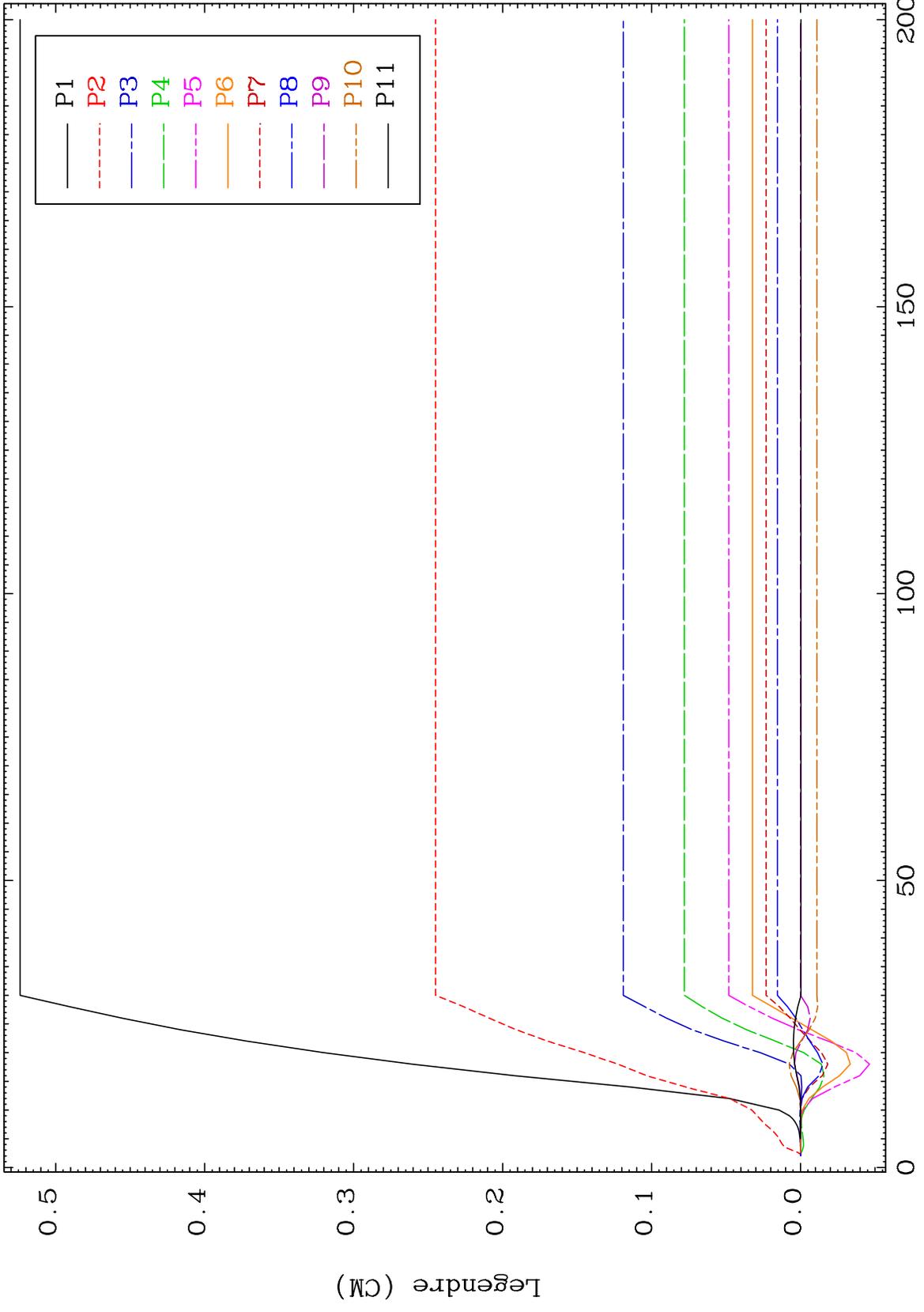




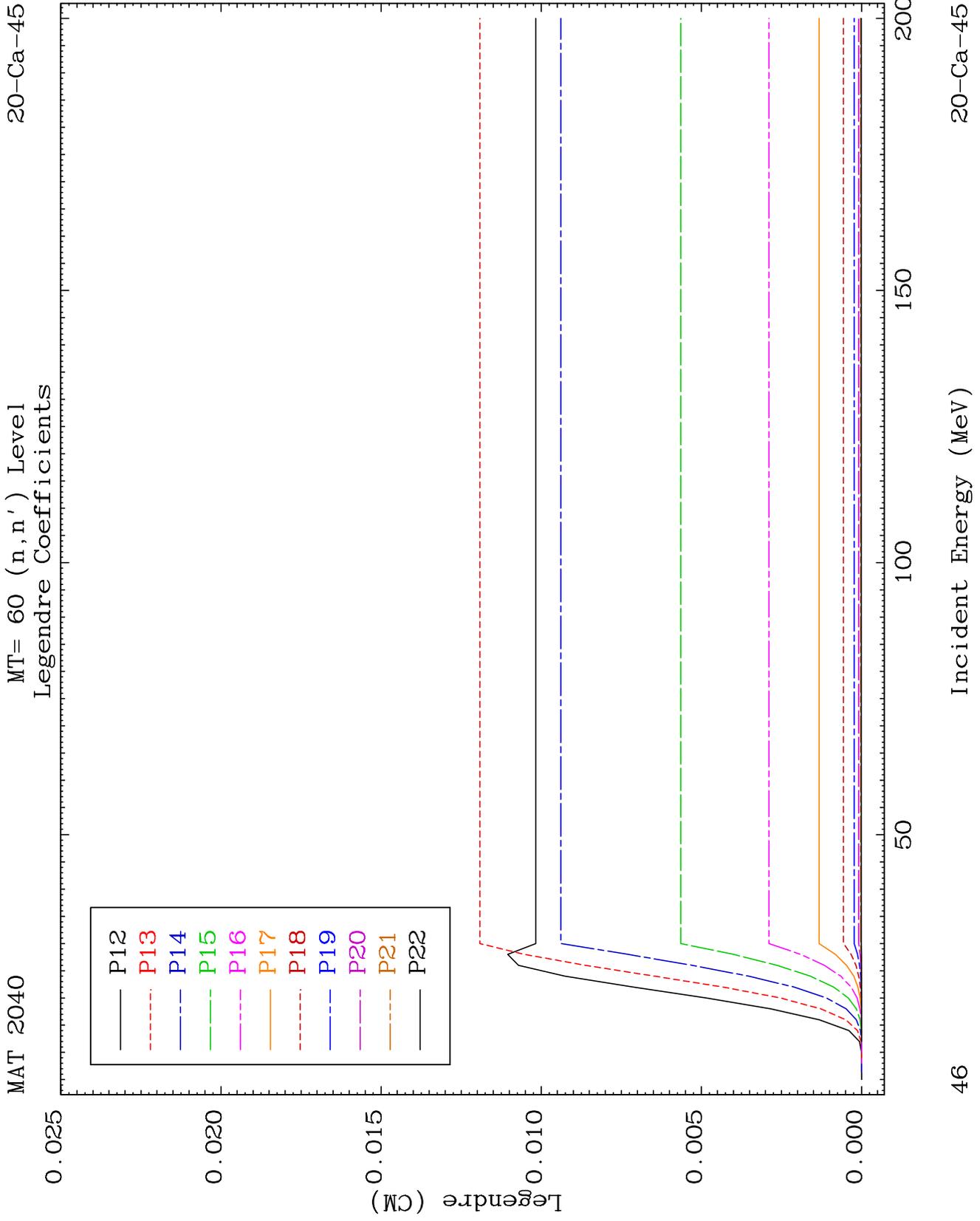
MAT 2040 MT= 59 (n,n') Level Legendre Coefficients 20-Ca-45



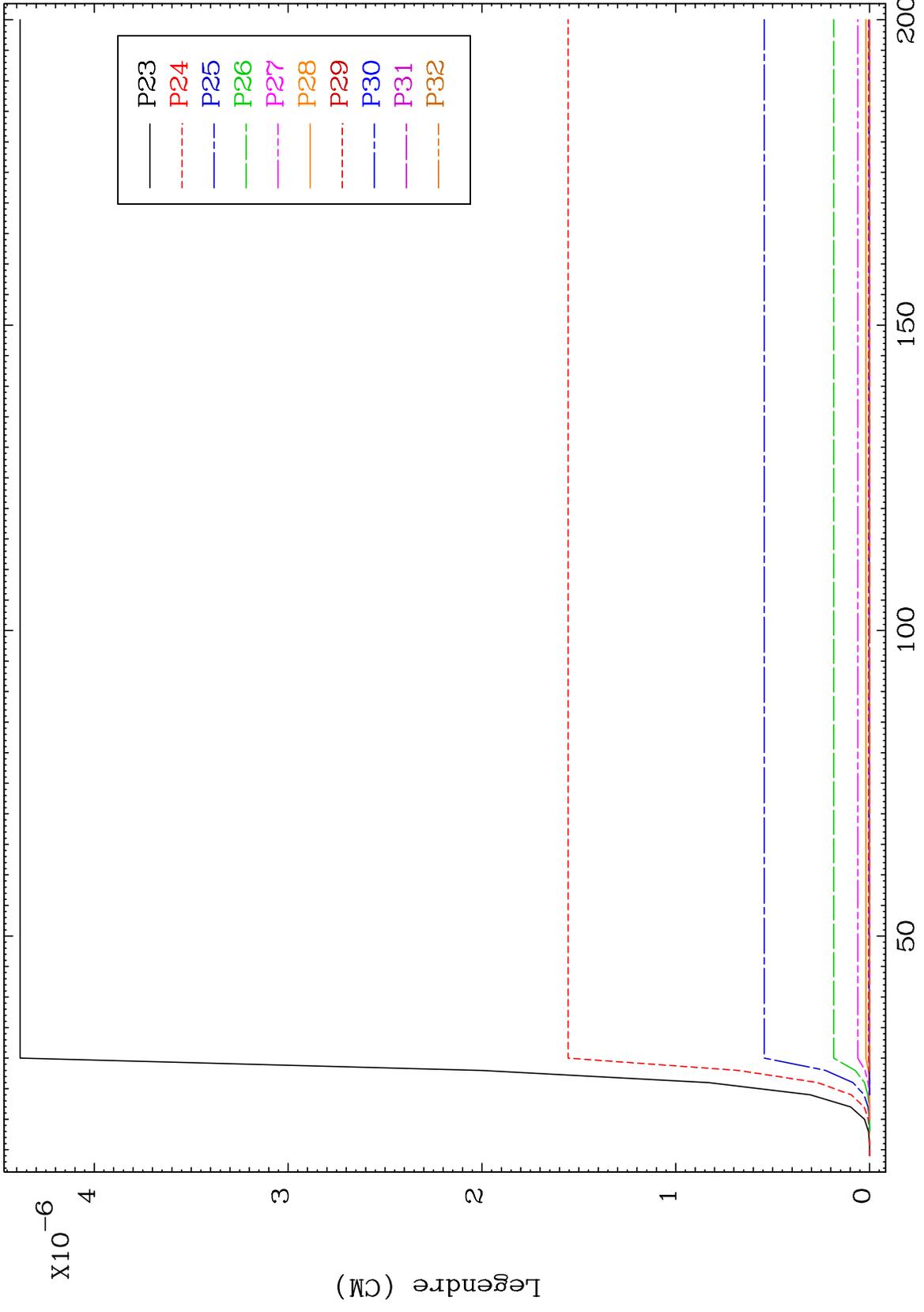
MAT 2040 MT= 60 (n,n') Level Legendre Coefficients 20-Ca-45



45 Incident Energy (MeV) 20-Ca-45



MAT 2040 MT= 60 (n,n') Level Legendre Coefficients 20-Ca-45

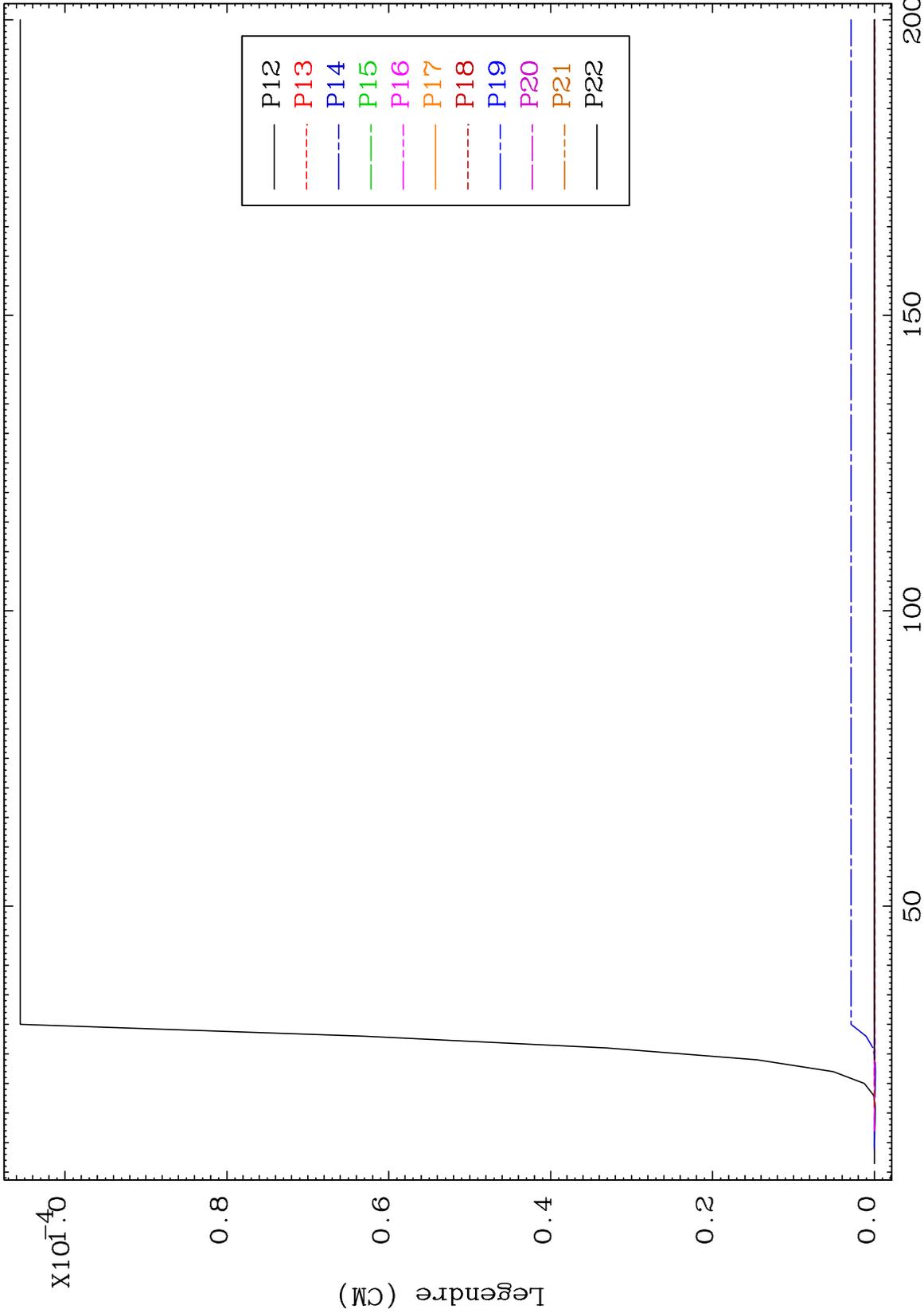




MAT 2040

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

20-Ca-45



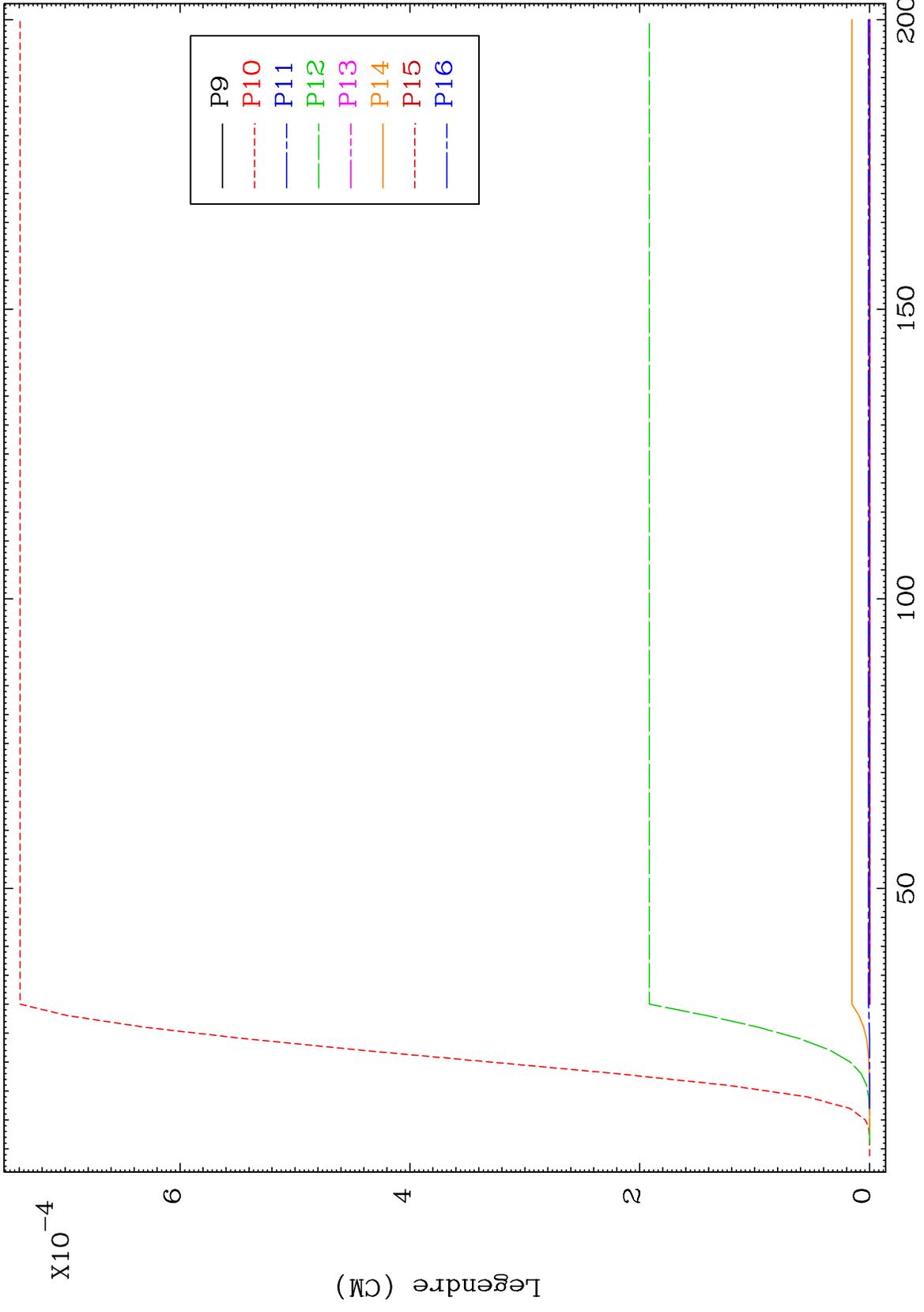
49

Incident Energy (MeV)

20-Ca-45

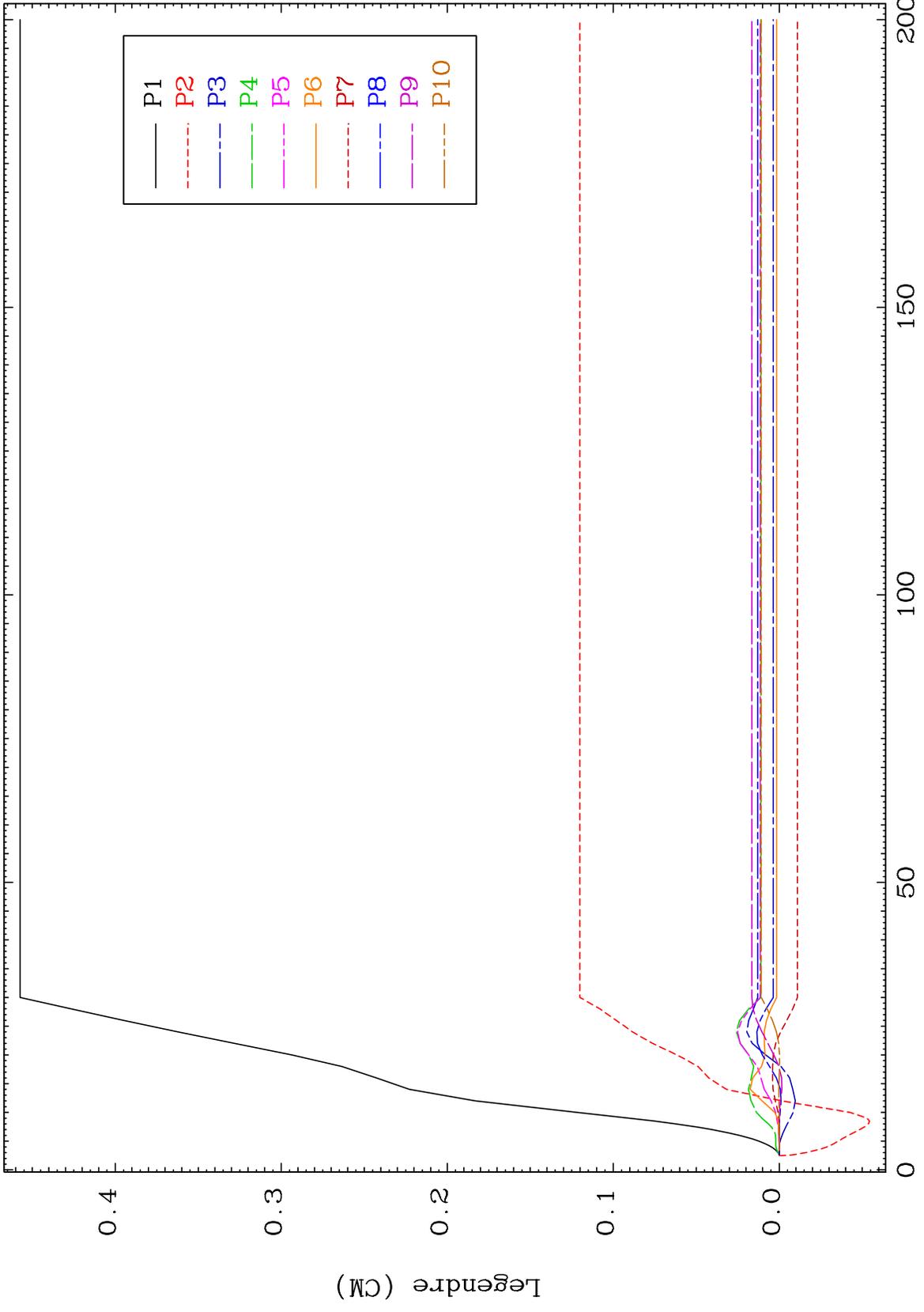


MAT 2040 MT= 62 (n,n') Level Legendre Coefficients 20-Ca-45

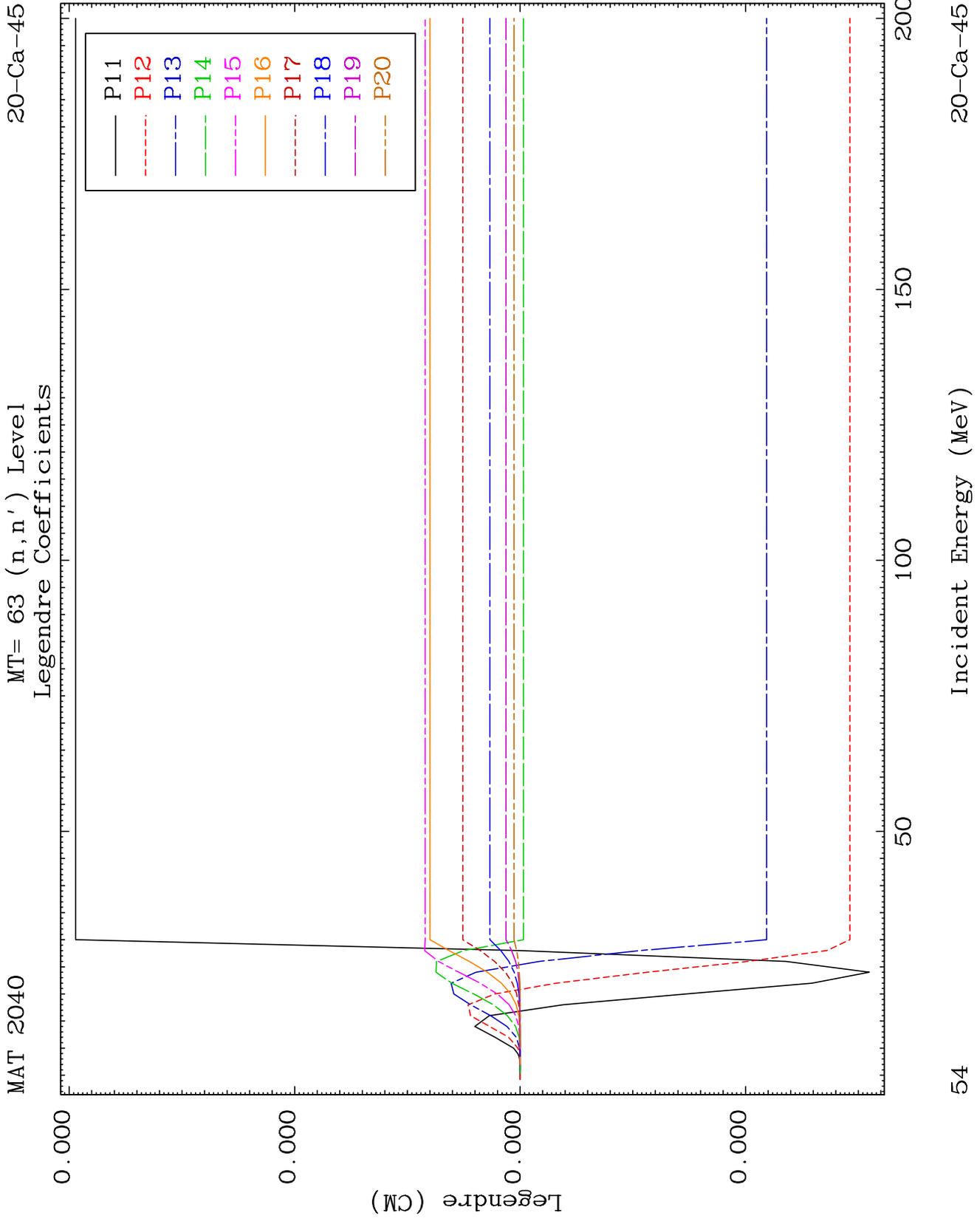




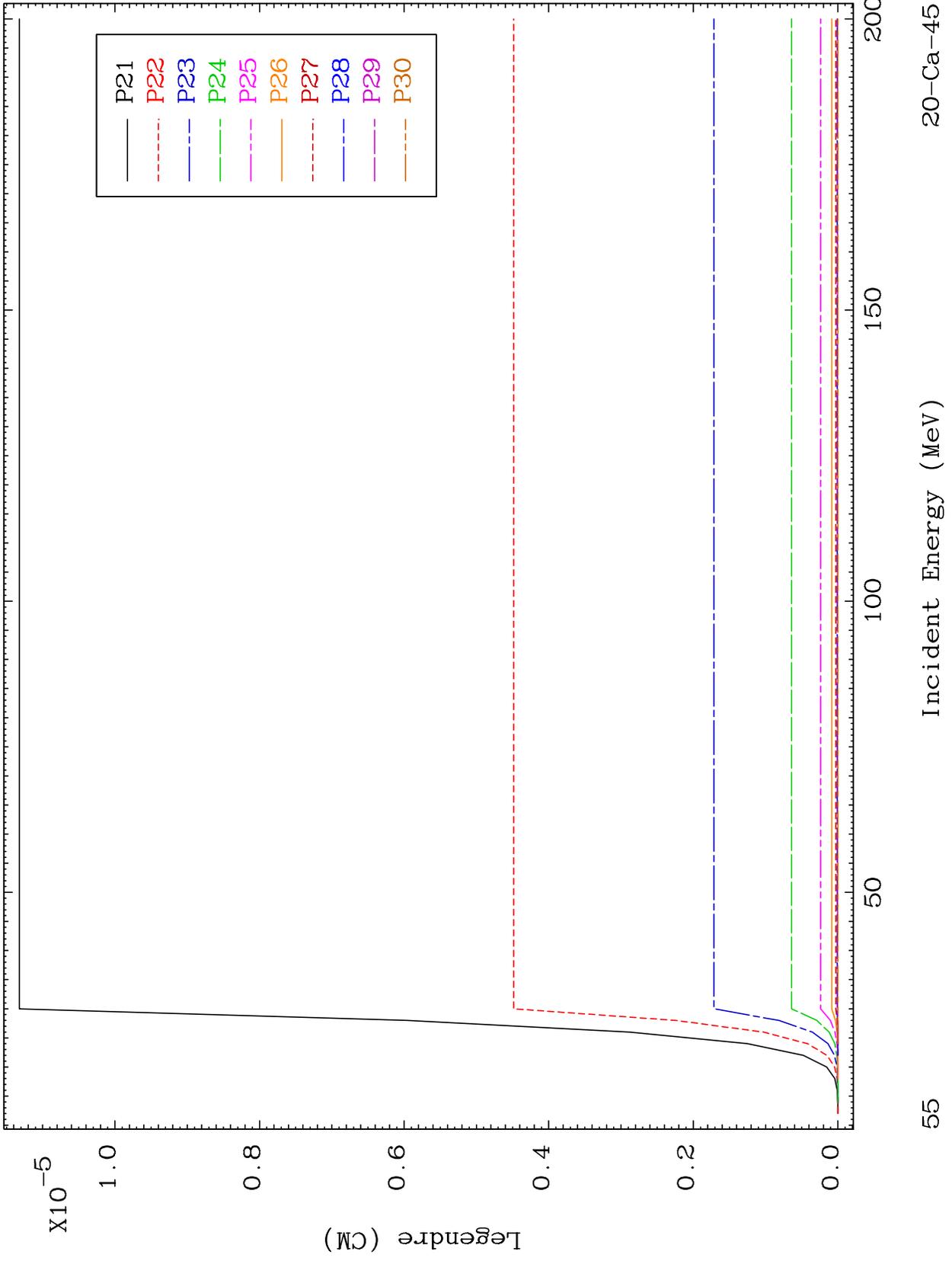
MAT 2040 MT= 63 (n,n') Level Legendre Coefficients 20-Ca-45



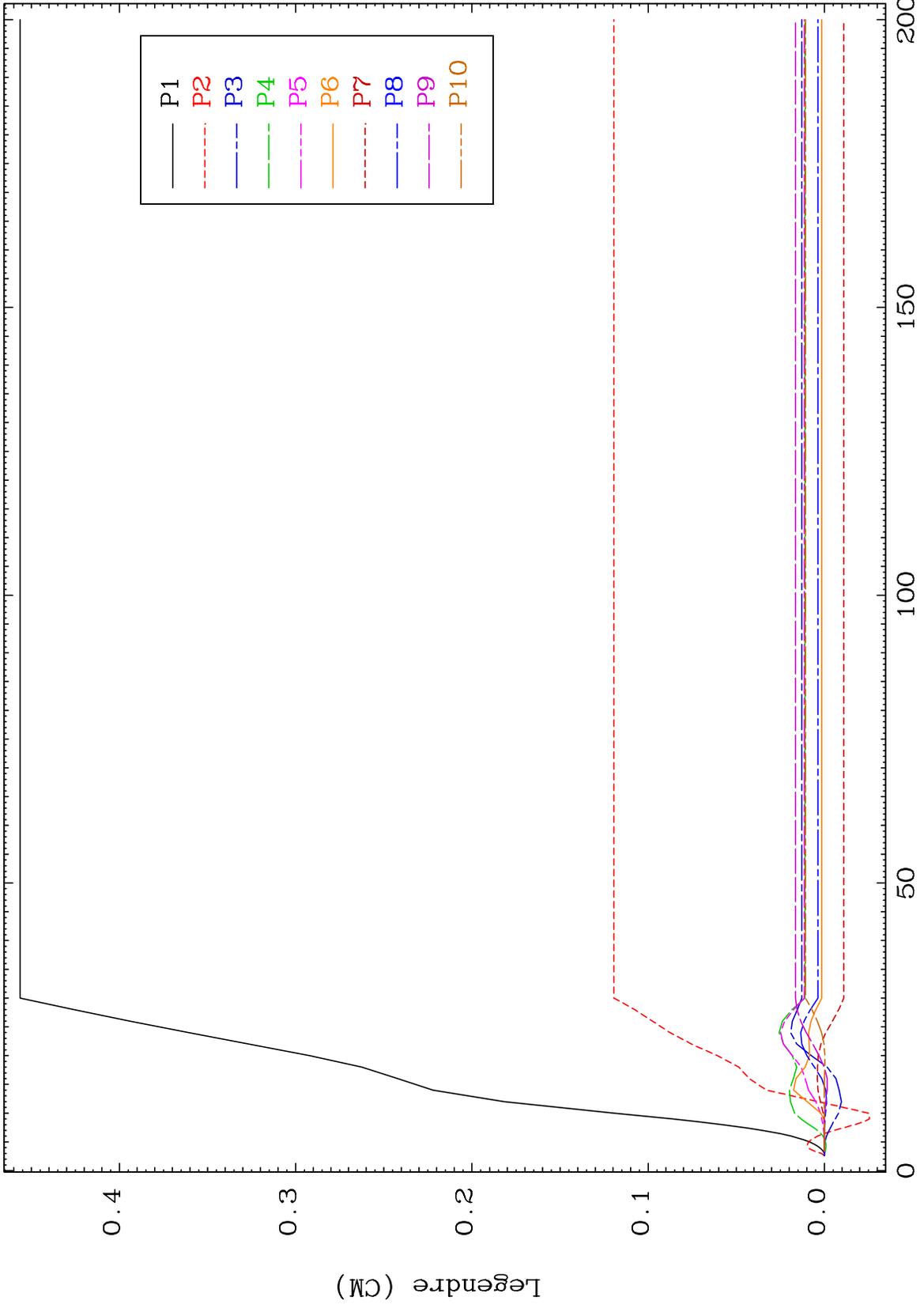
53 Incident Energy (MeV) 20-Ca-45



MAT 2040 MT= 63 (n,n') Level Legendre Coefficients 20-Ca-45

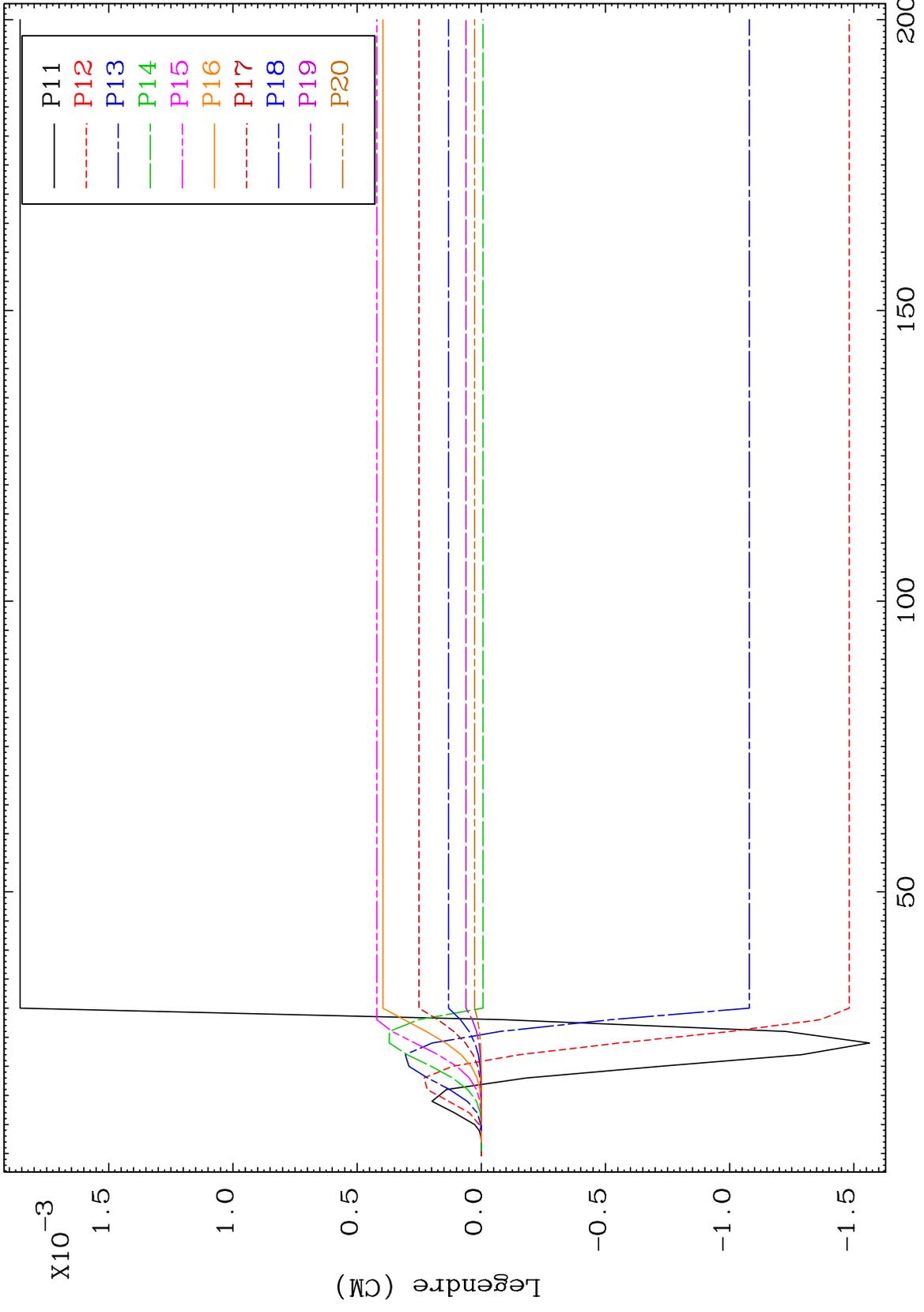


MAT 2040 MT= 64 (n,n') Level Legendre Coefficients 20-Ca-45

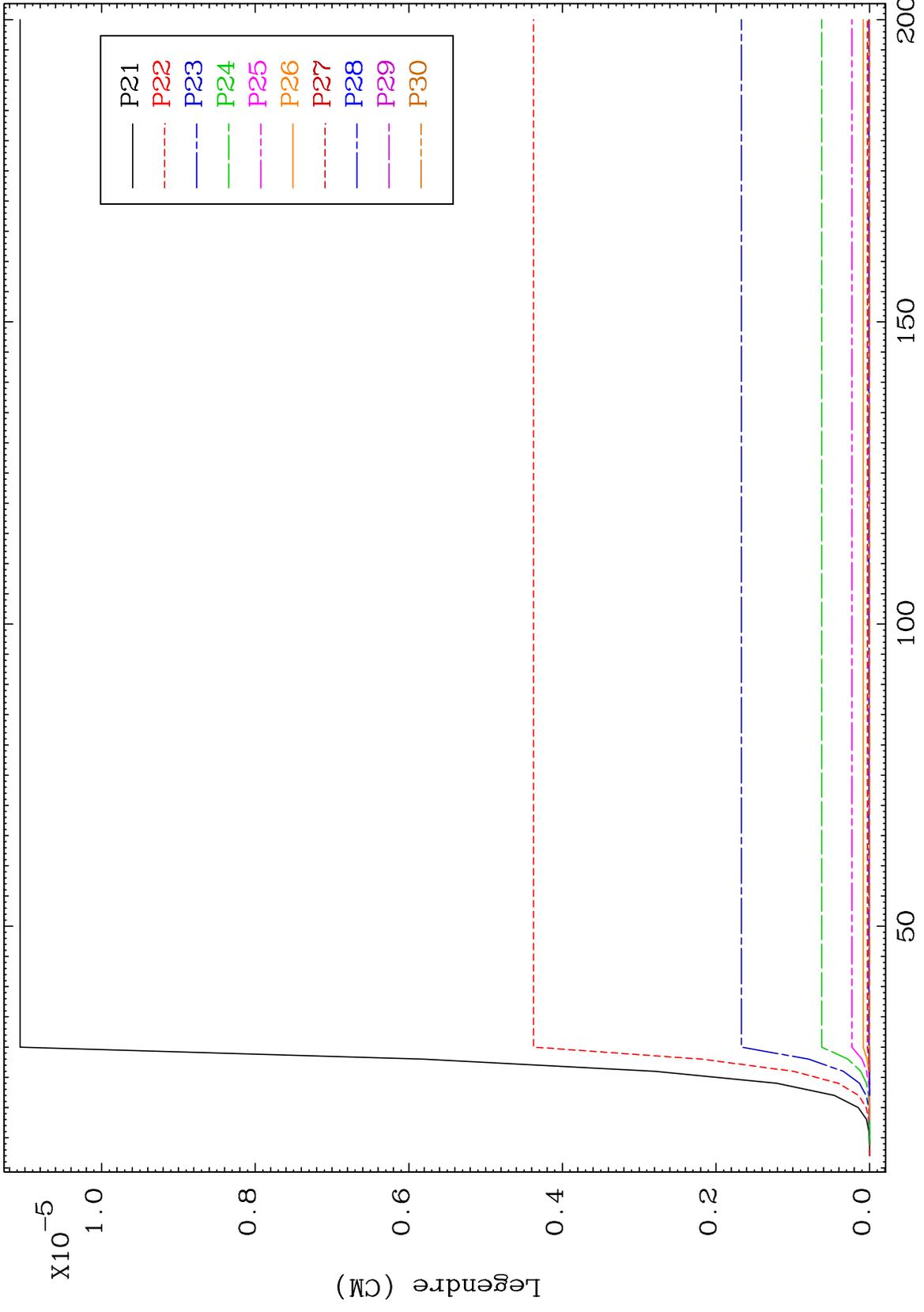


56 Incident Energy (MeV) 20-Ca-45

MAT 2040 MT= 64 (n,n') Level Legendre Coefficients 20-Ca-45



MAT 2040 MT= 64 (n,n') Level Legendre Coefficients 20-Ca-45



58

Incident Energy (MeV)

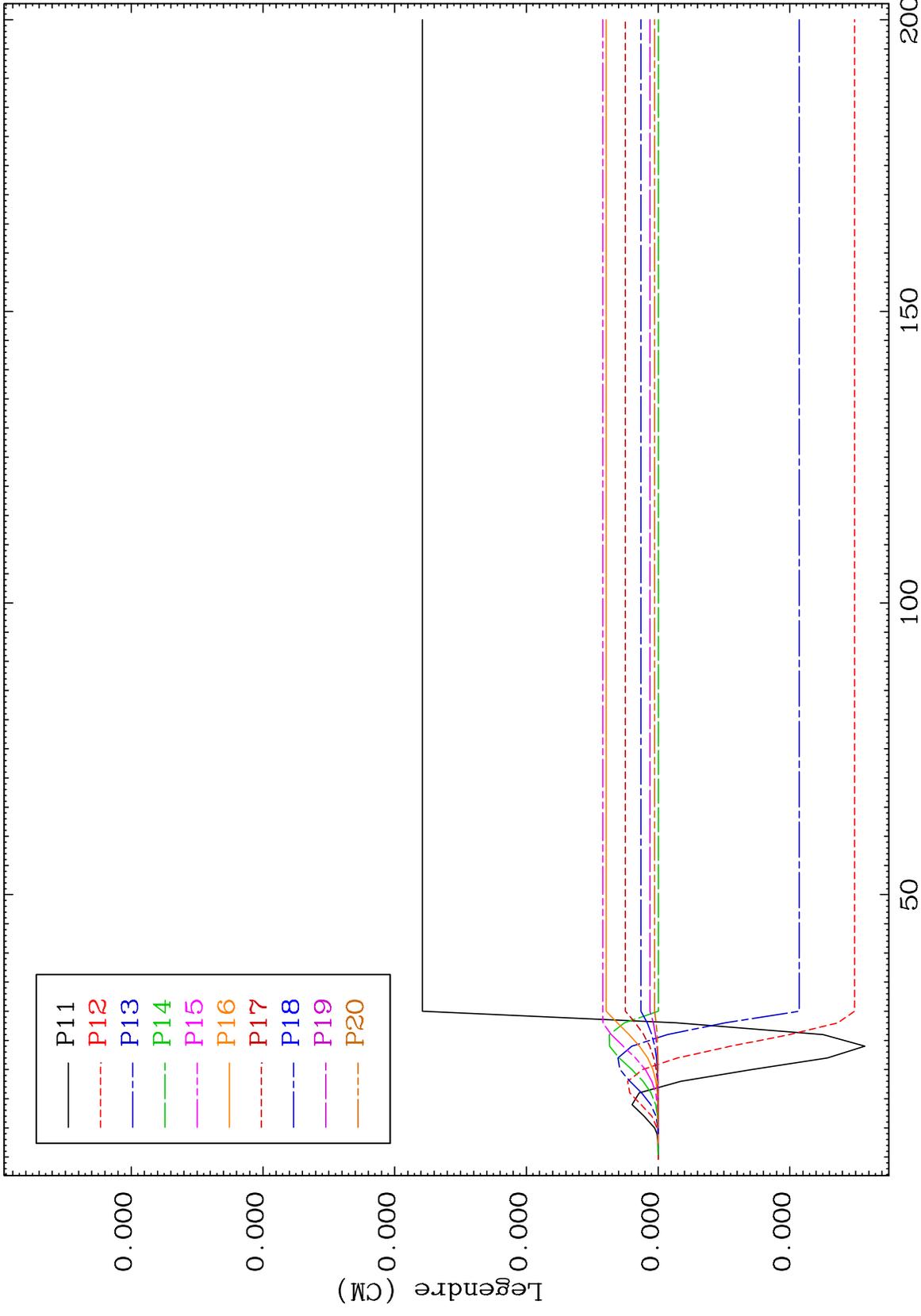
20-Ca-45



MAT 2040

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

20-Ca-45

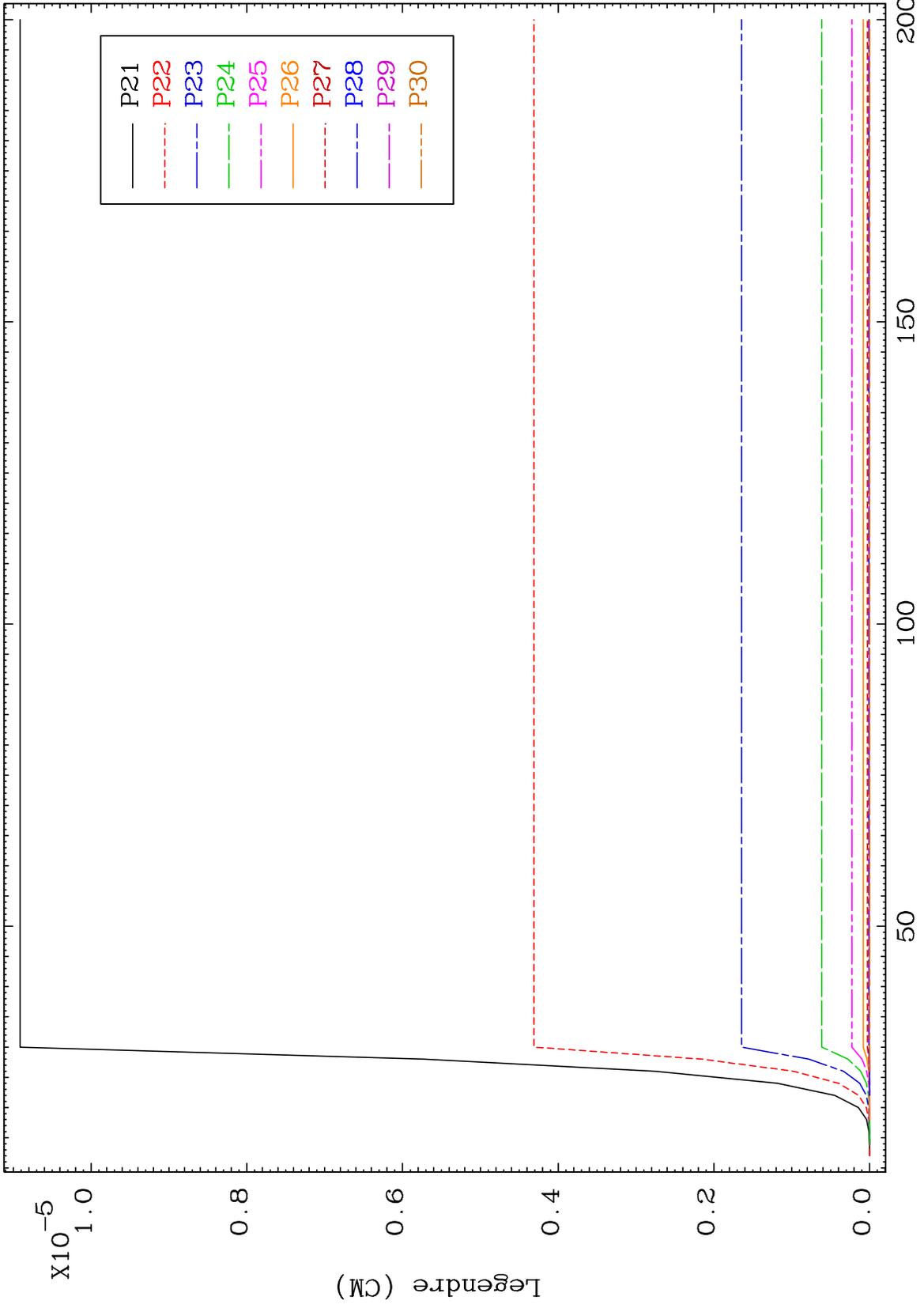


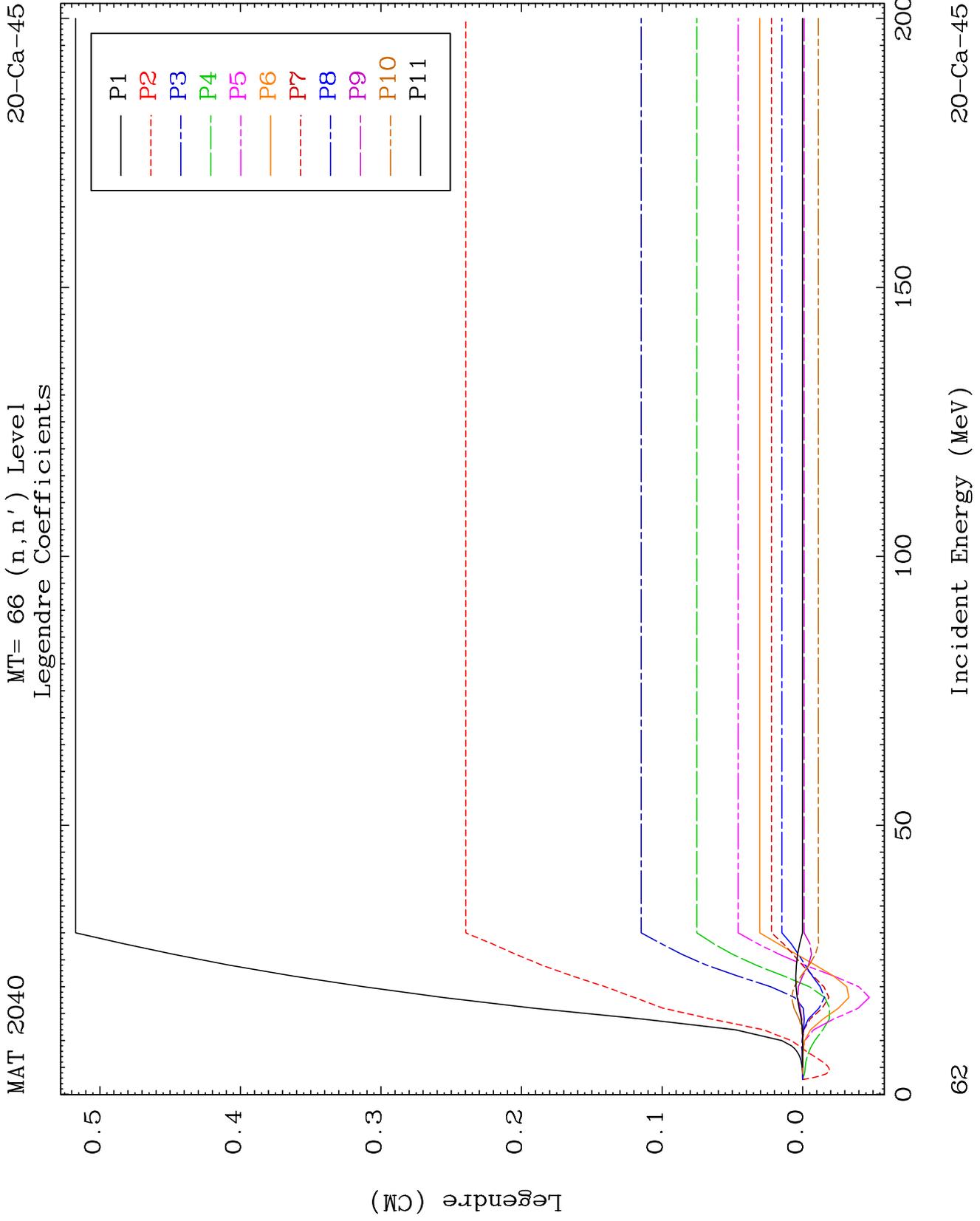
60

Incident Energy (MeV)

20-Ca-45

MAT 2040 MT= 65 (n,n') Level Legendre Coefficients 20-Ca-45

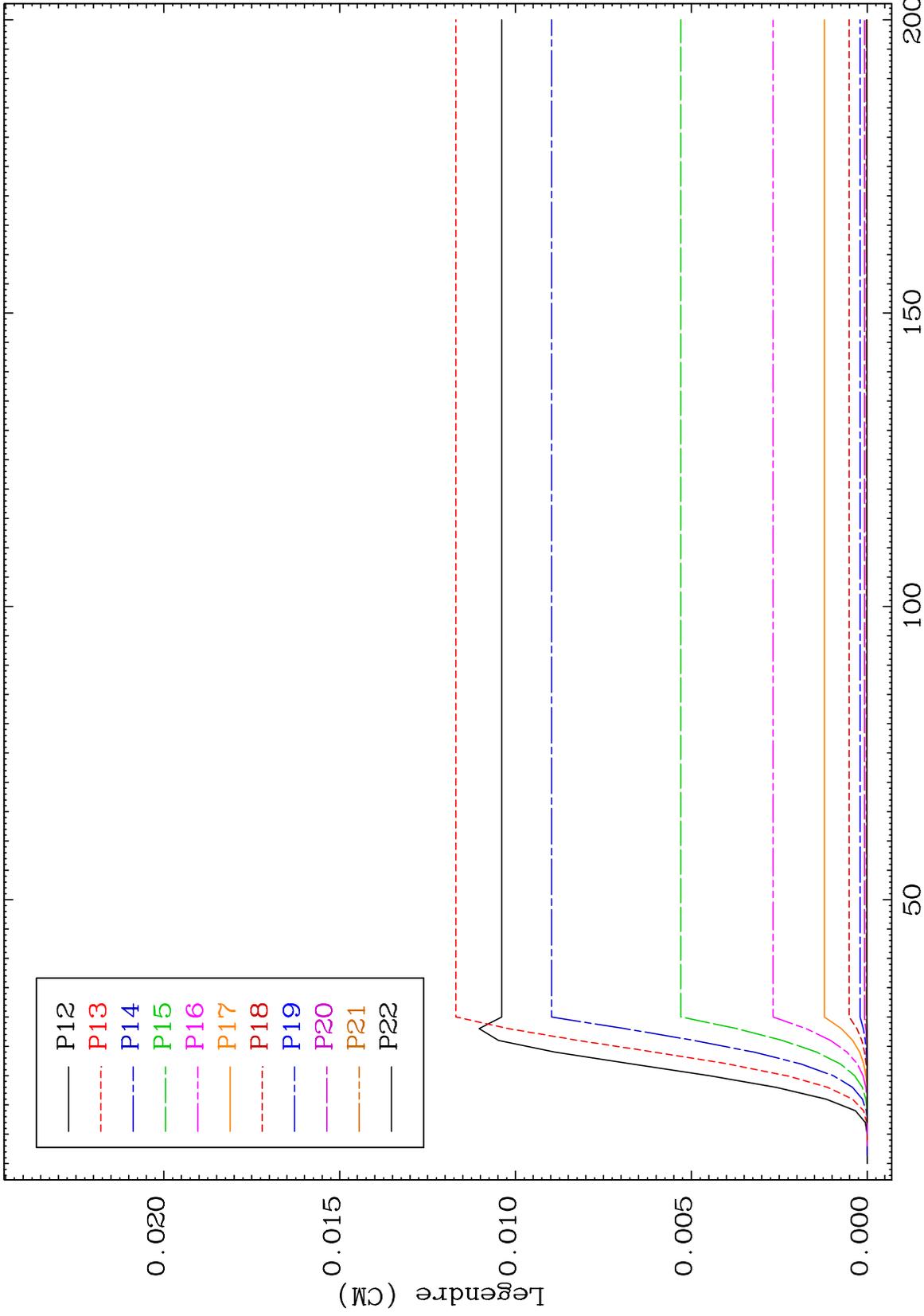




MAT 2040

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

20-Ca-45



63

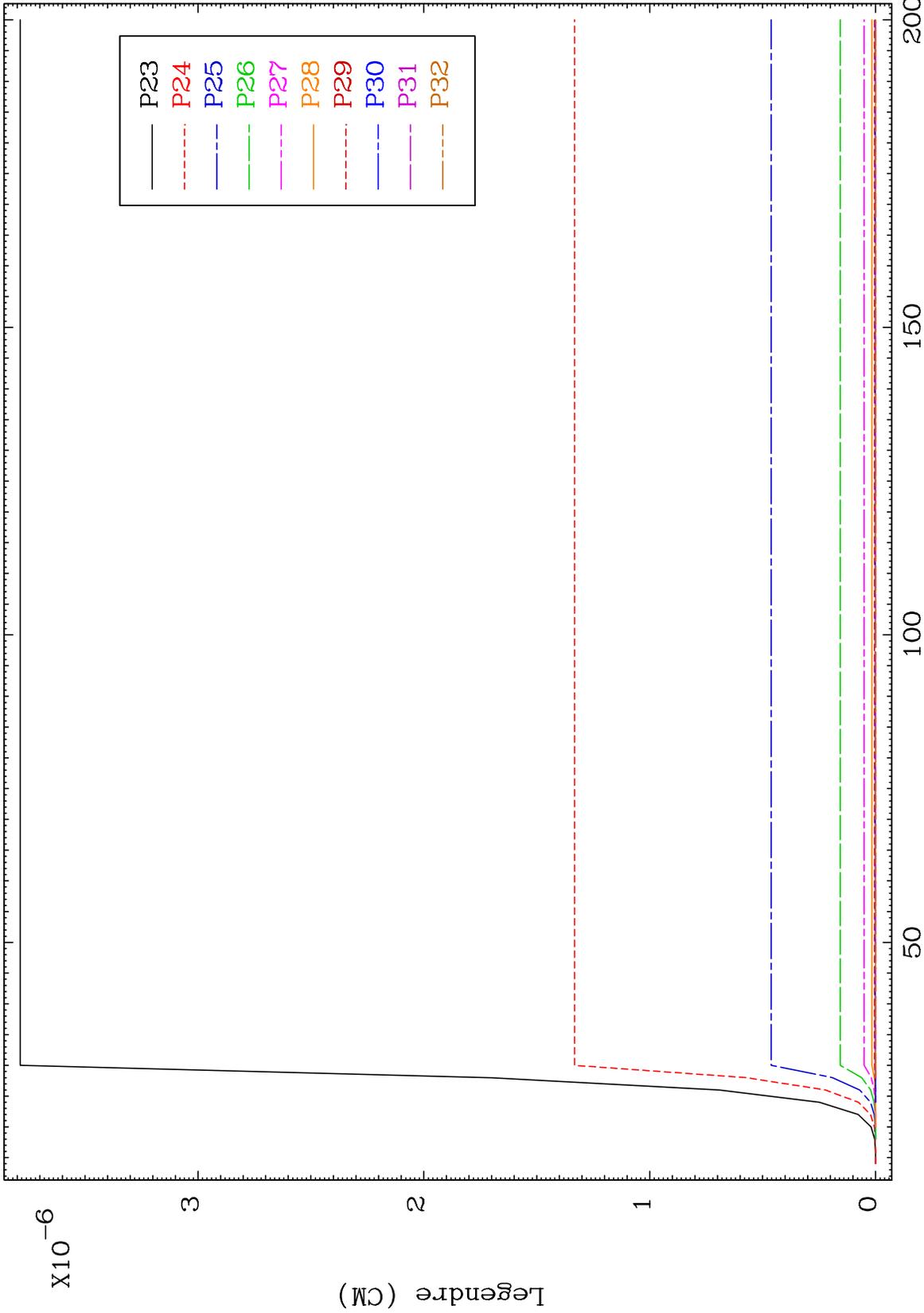
Incident Energy (MeV)

20-Ca-45

MAT 2040

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

20-Ca-45

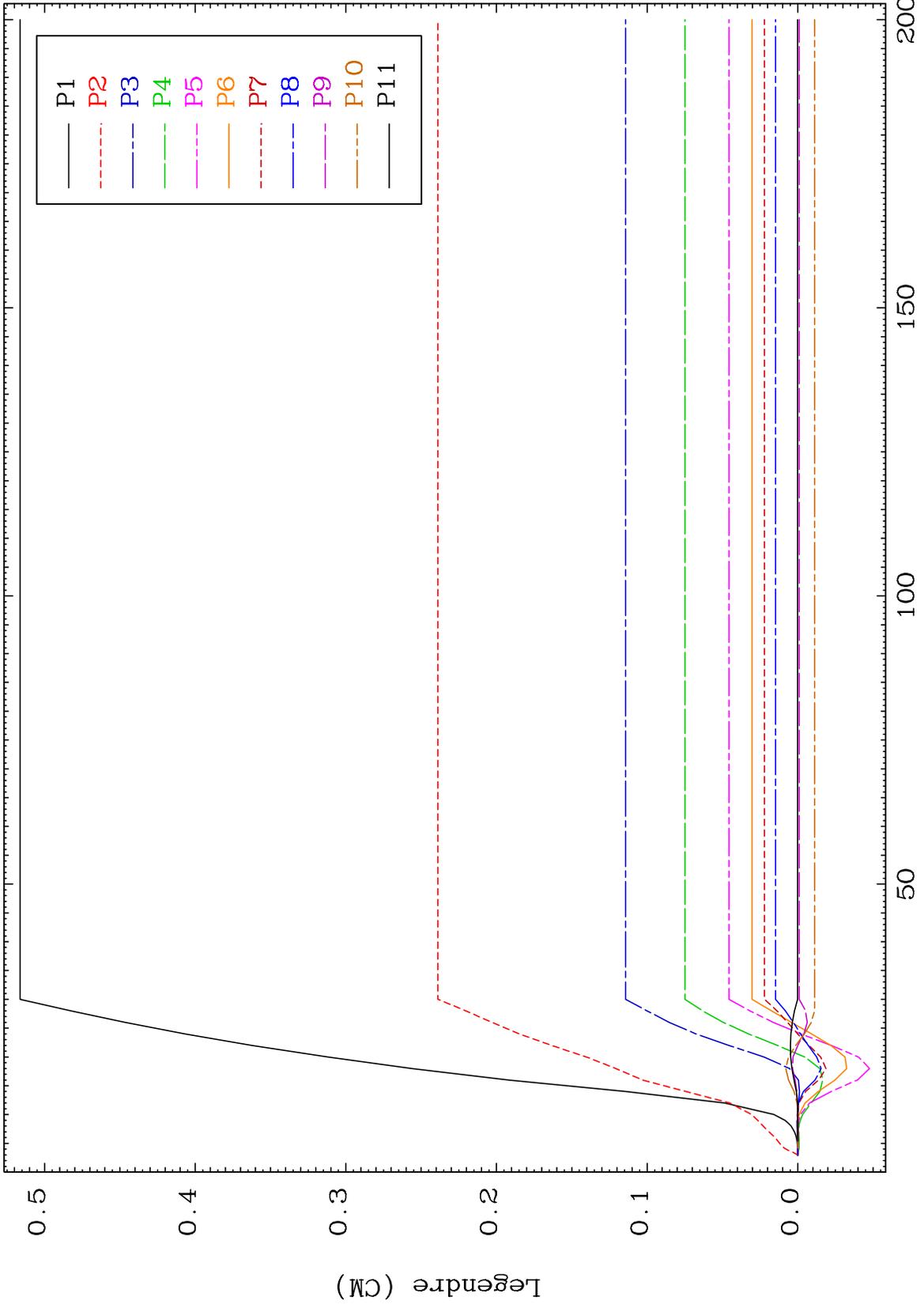


64

Incident Energy (MeV)

20-Ca-45

MAT 2040 MT= 67 (n,n') Level Legendre Coefficients 20-Ca-45

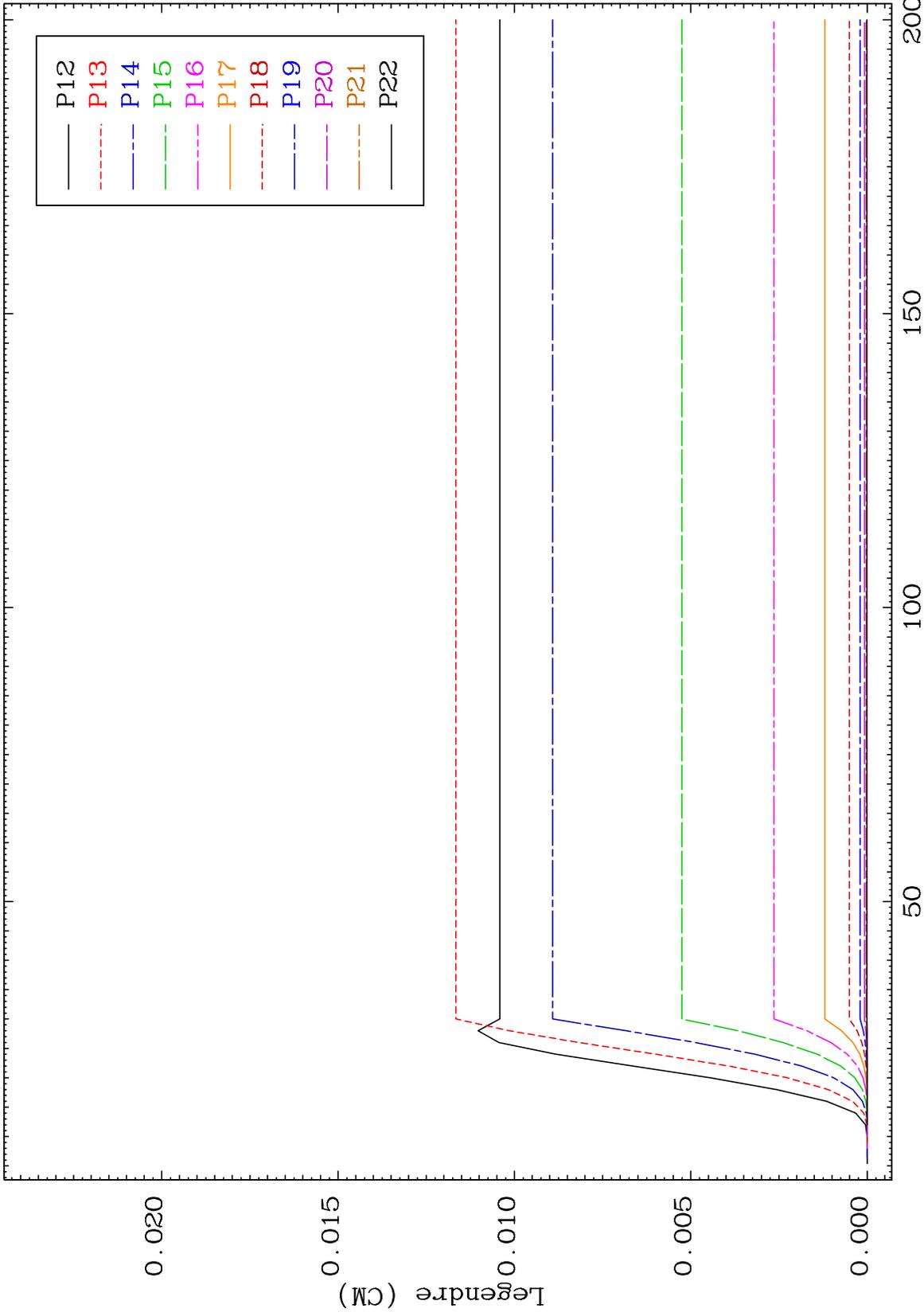


65 Incident Energy (MeV) 20-Ca-45

MAT 2040

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

20-Ca-45

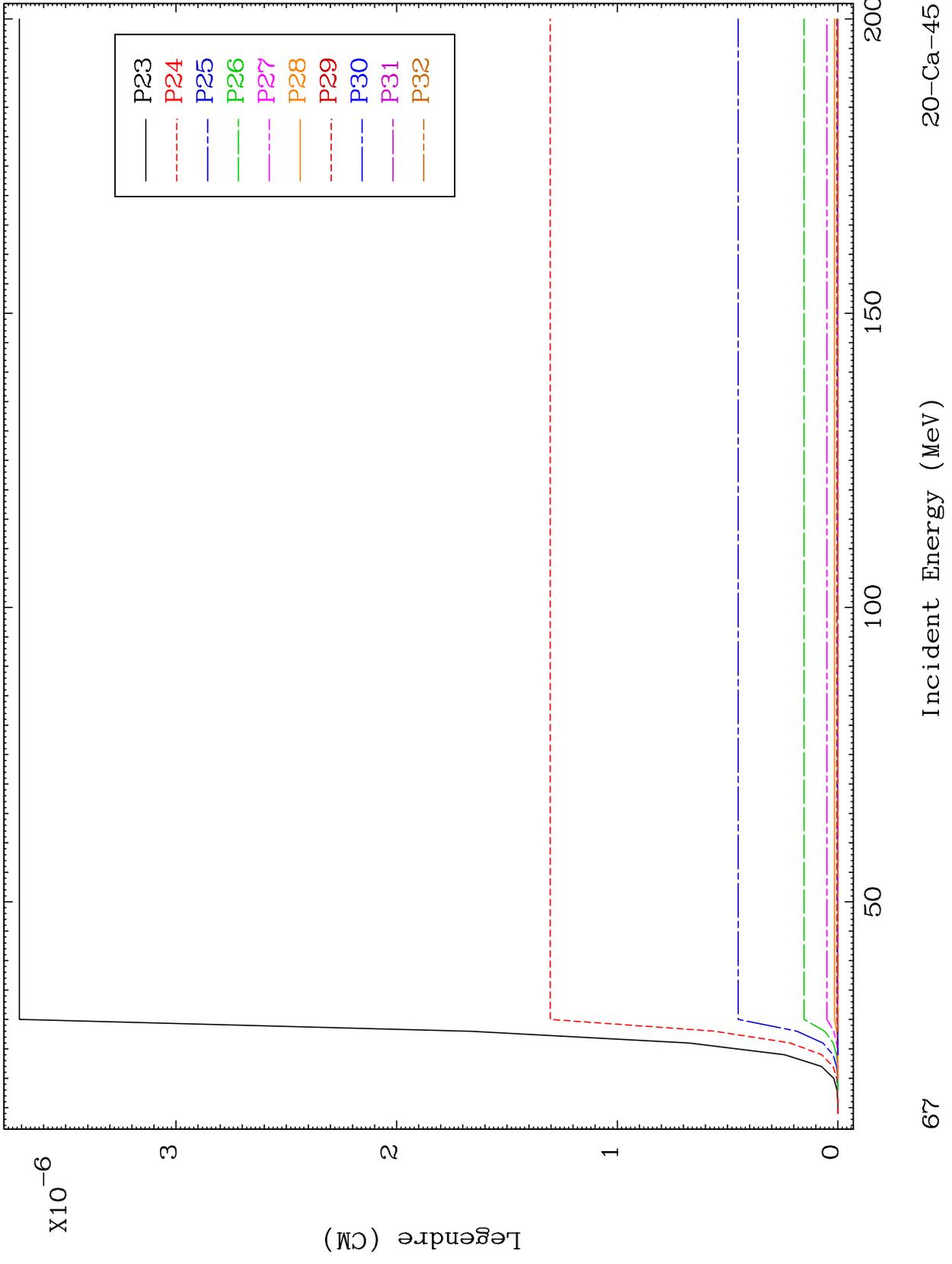


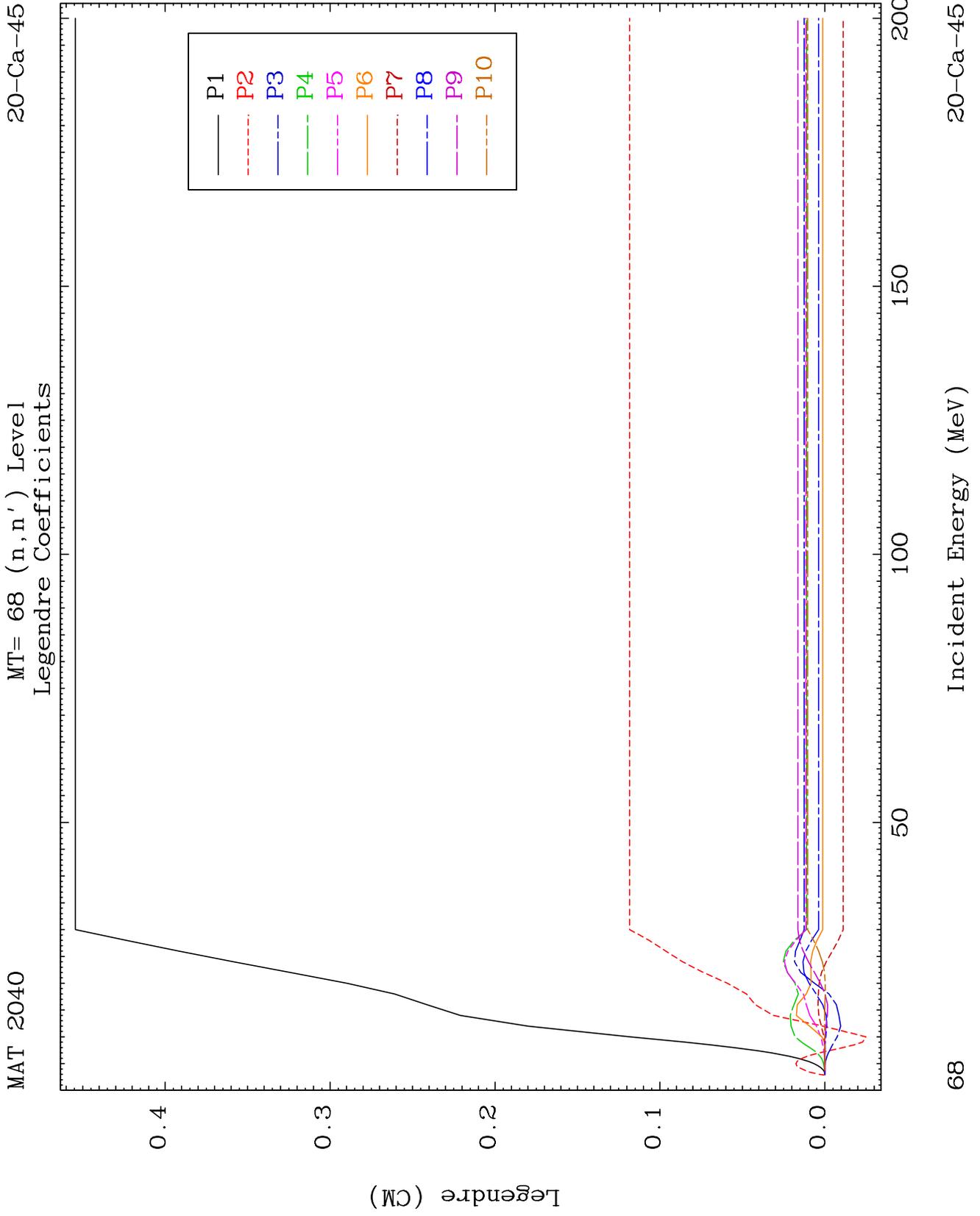
66

Incident Energy (MeV)

20-Ca-45

MAT 2040 MT= 67 (n,n') Level Legendre Coefficients 20-Ca-45

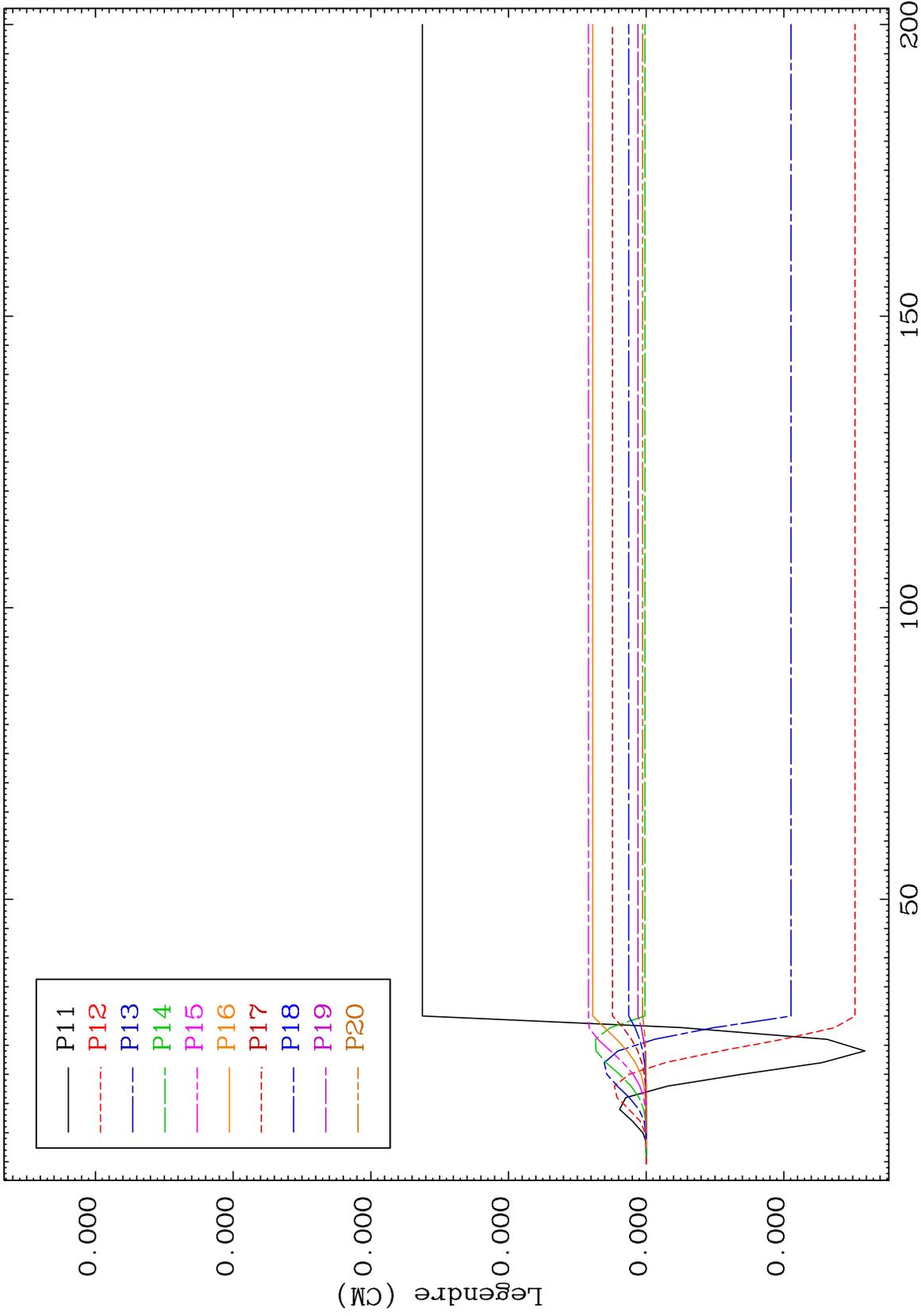




MAT 2040

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

20-Ca-45

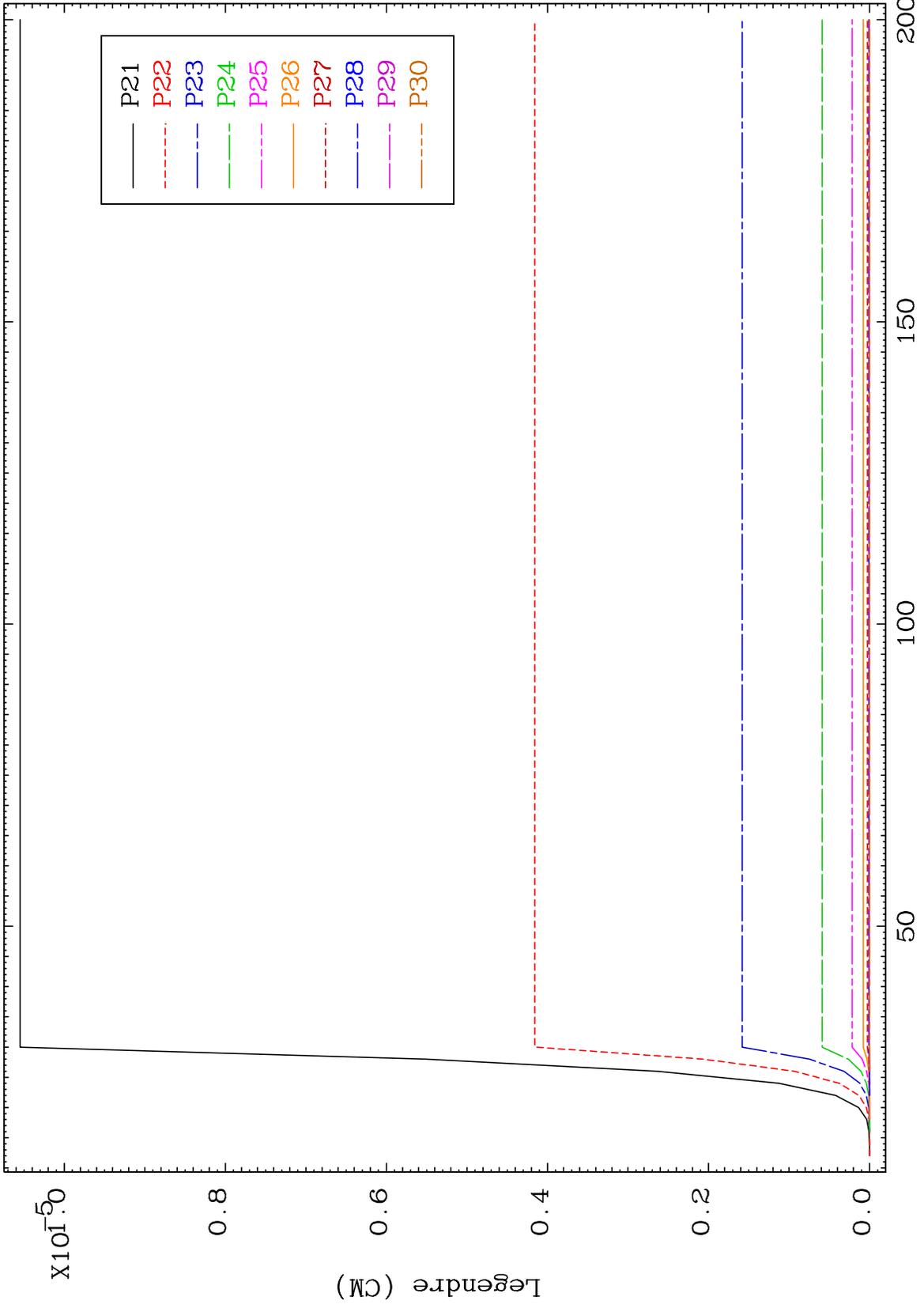


69

Incident Energy (MeV)

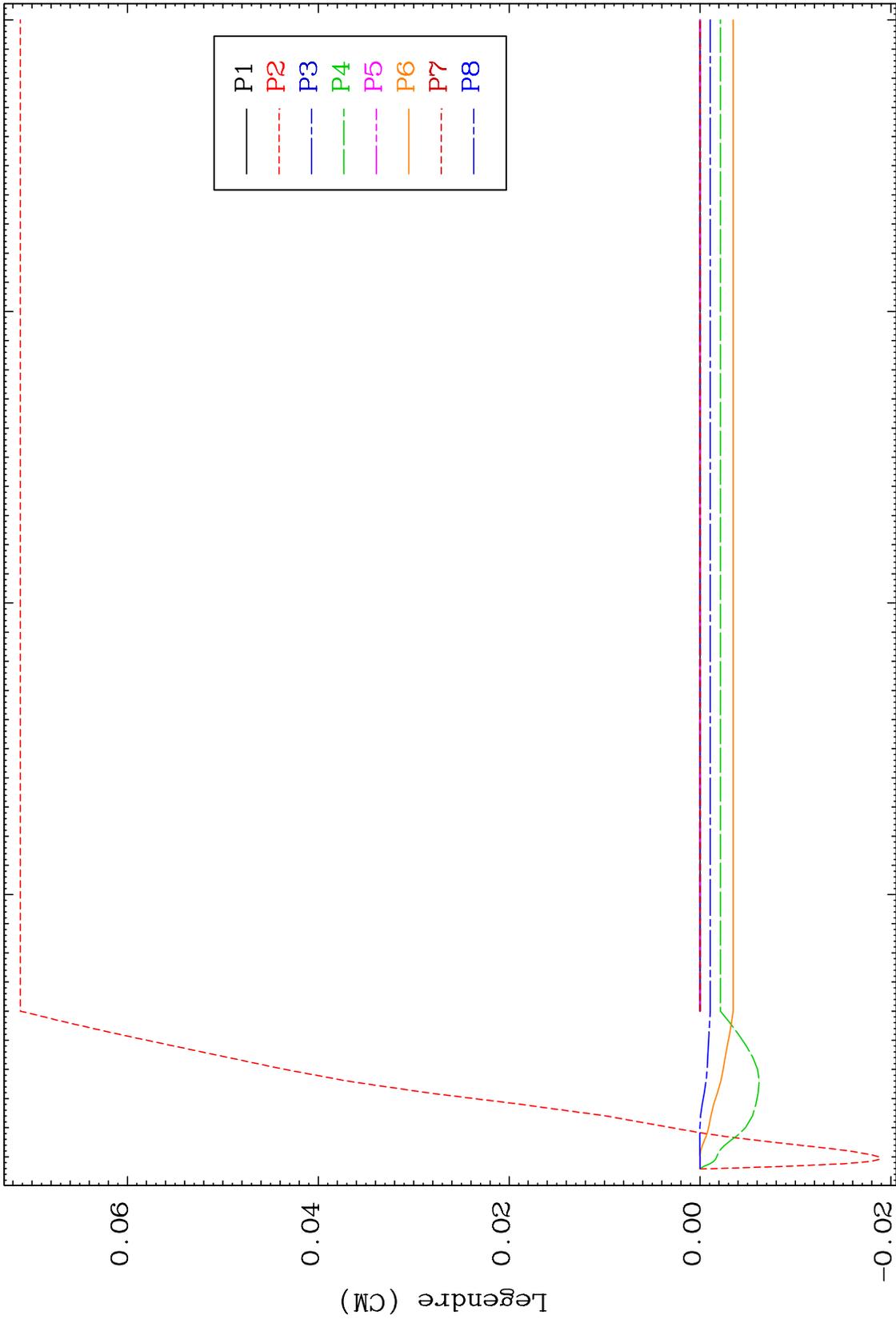
20-Ca-45

MAT 2040 MT= 68 (n,n') Level Legendre Coefficients 20-Ca-45



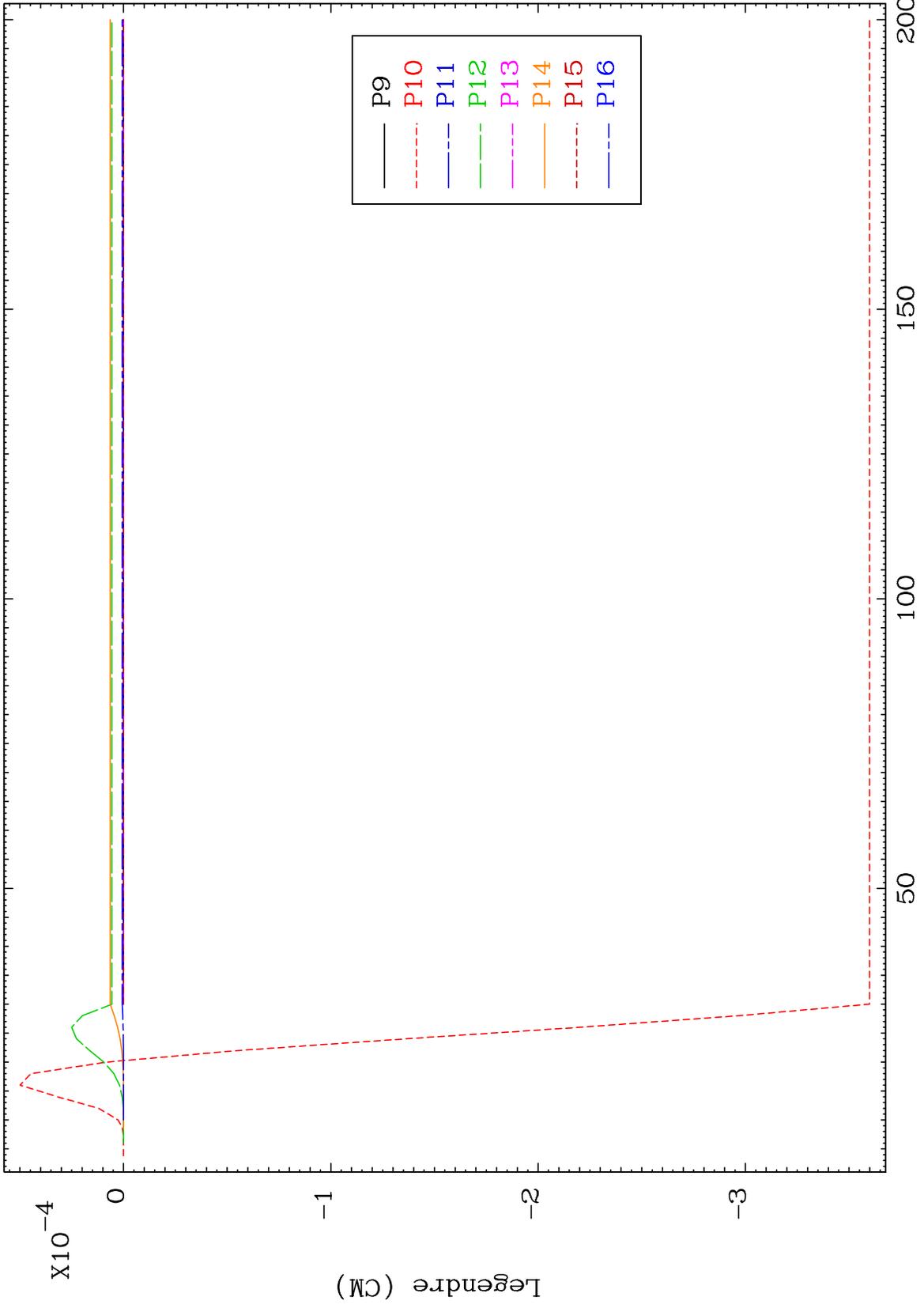
70 50 100 150 200 20-Ca-45

MAT 2040 MT= 69 (n,n') Level Legendre Coefficients 20-Ca-45

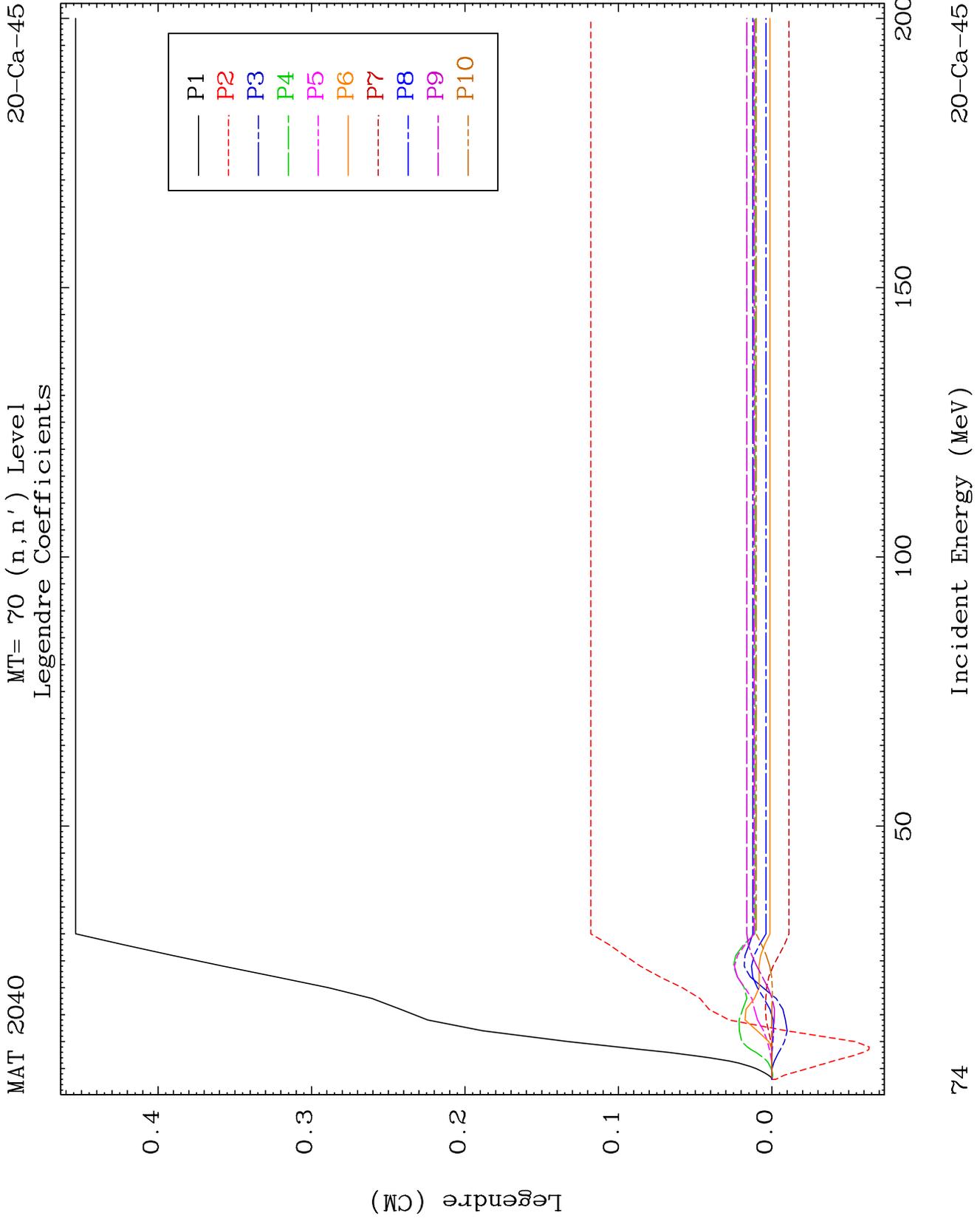


71 20-Ca-45

MAT 2040 MT= 69 (n,n') Level Legendre Coefficients 20-Ca-45



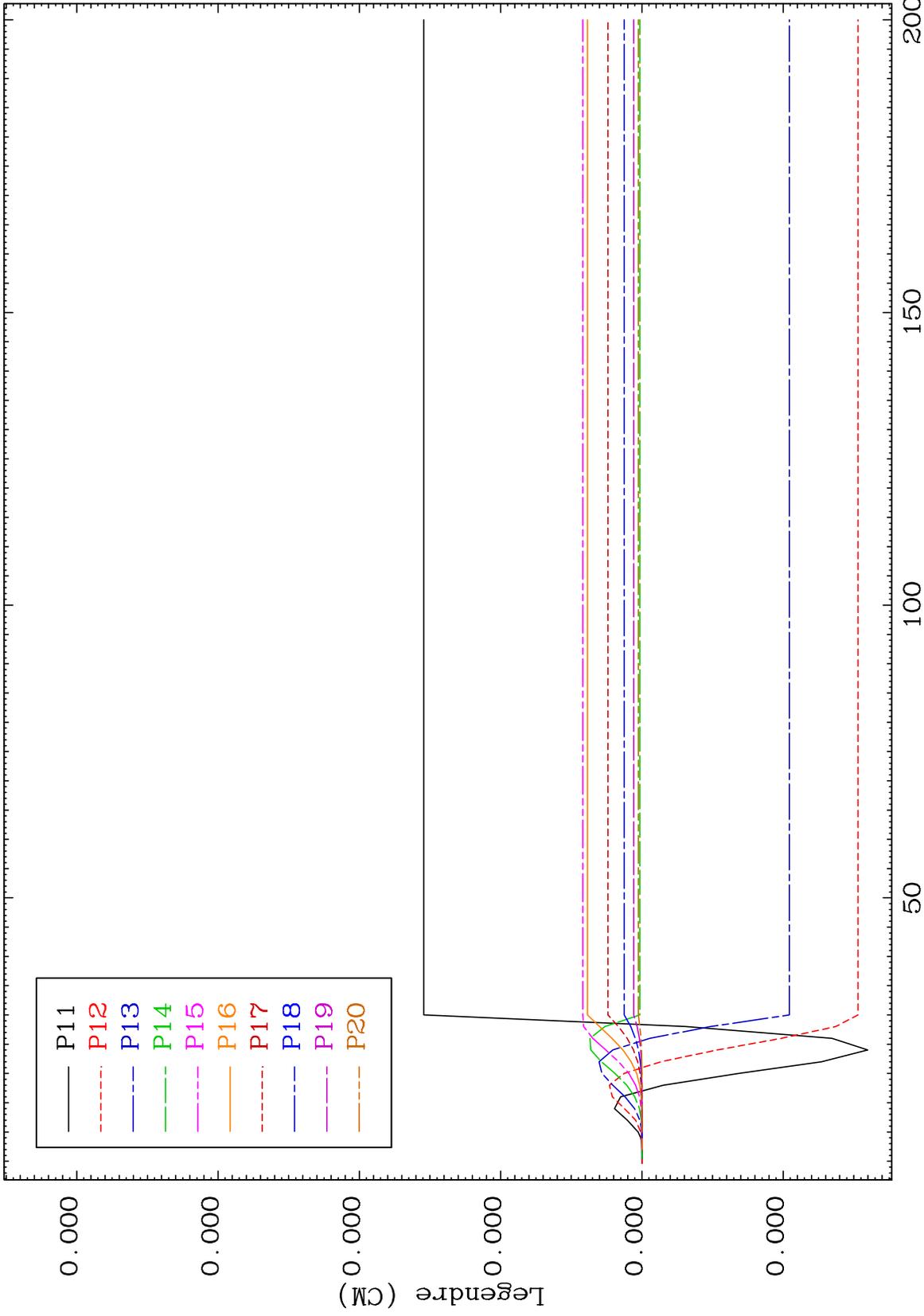




MAT 2040

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

20-Ca-45

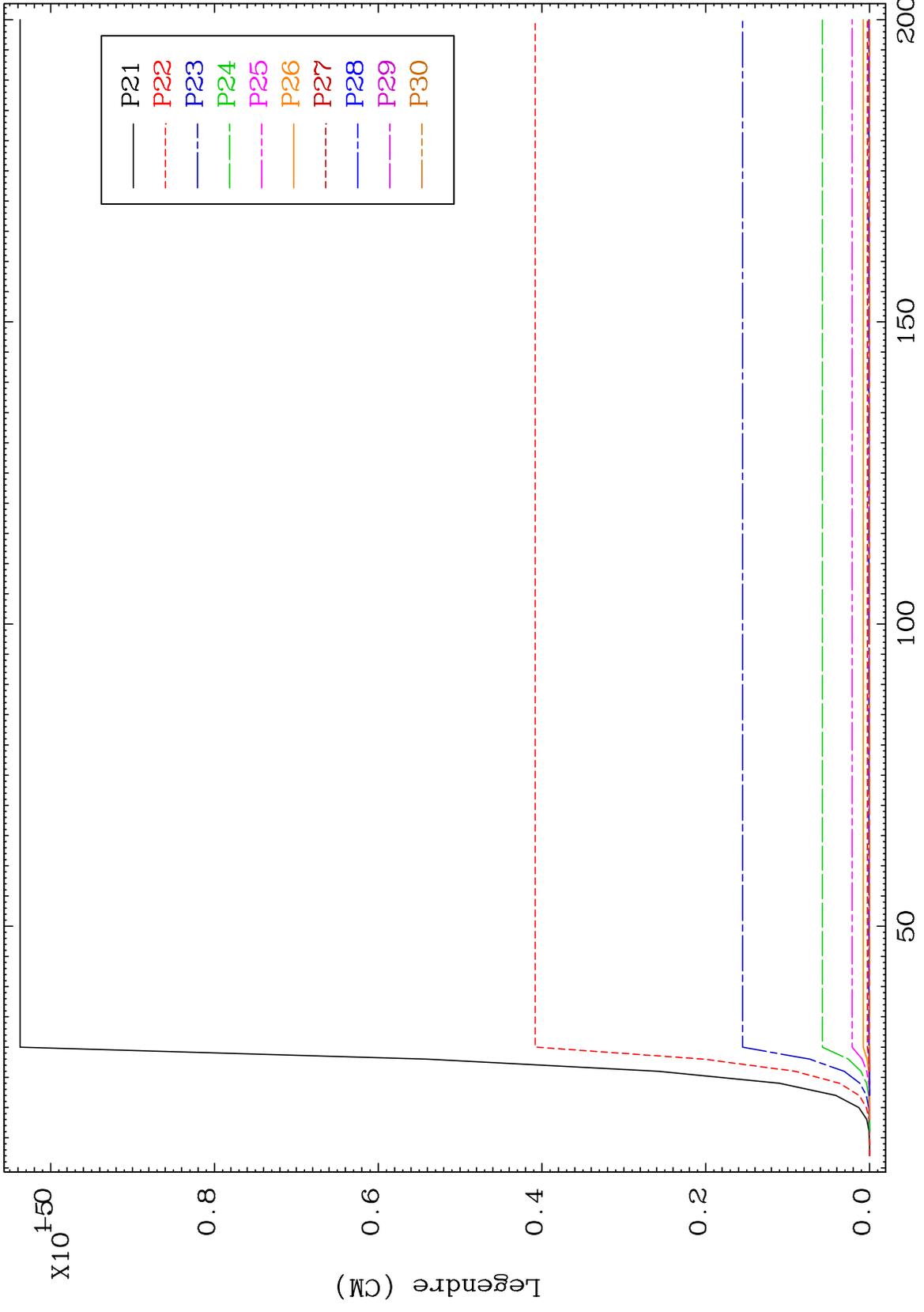


75

Incident Energy (MeV)

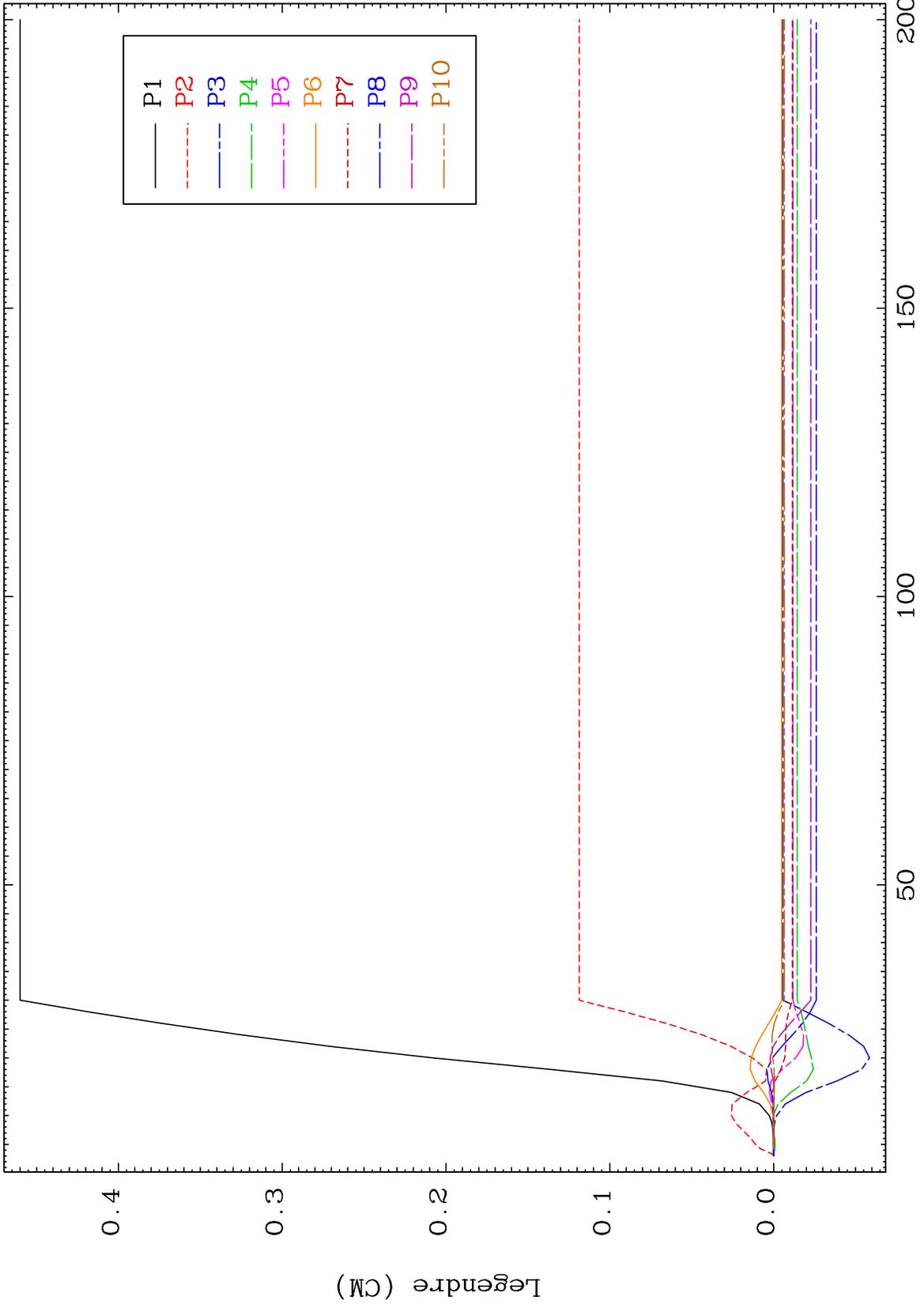
20-Ca-45

MAT 2040 MT= 70 (n,n') Level Legendre Coefficients 20-Ca-45

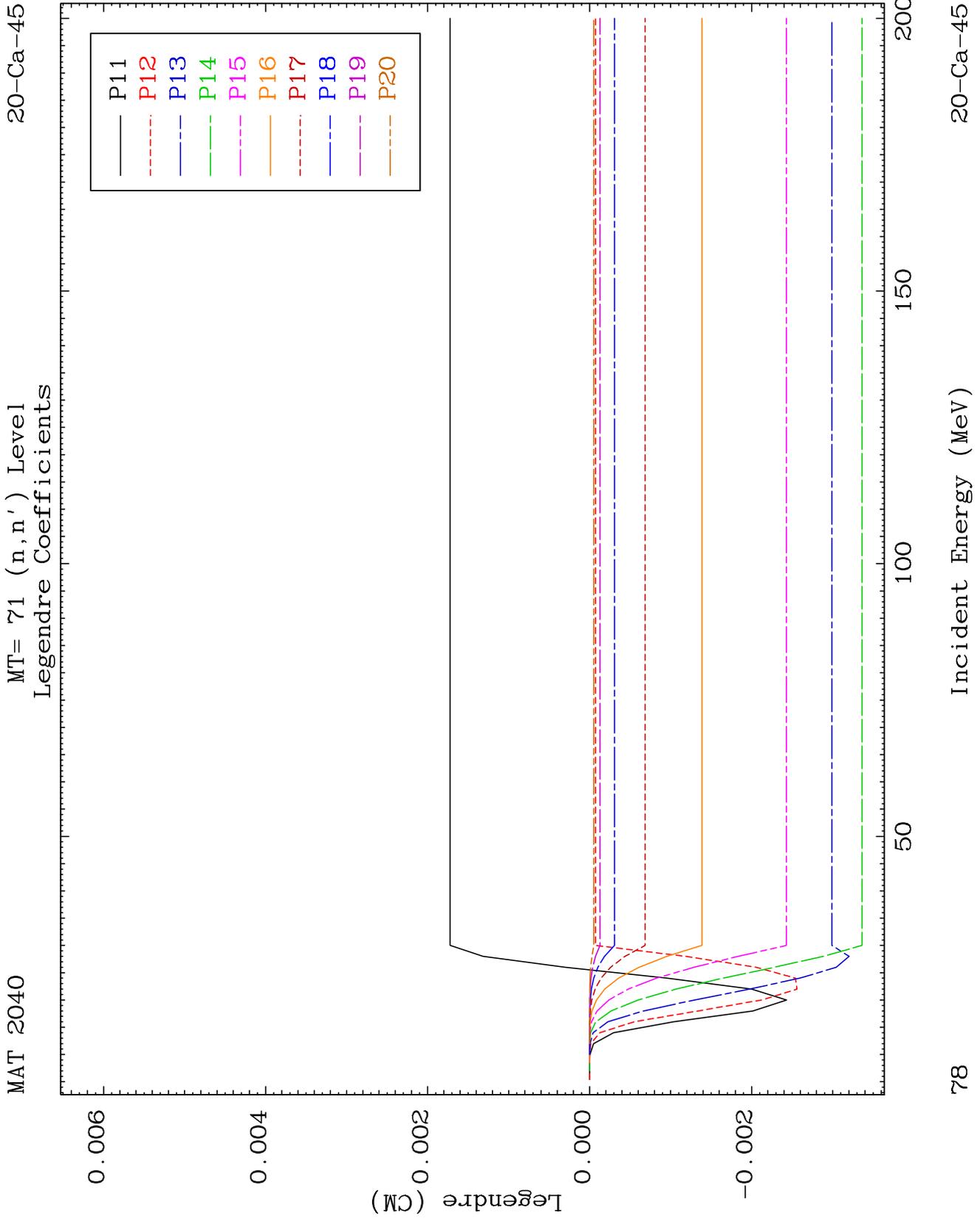


76 Incident Energy (MeV) 20-Ca-45

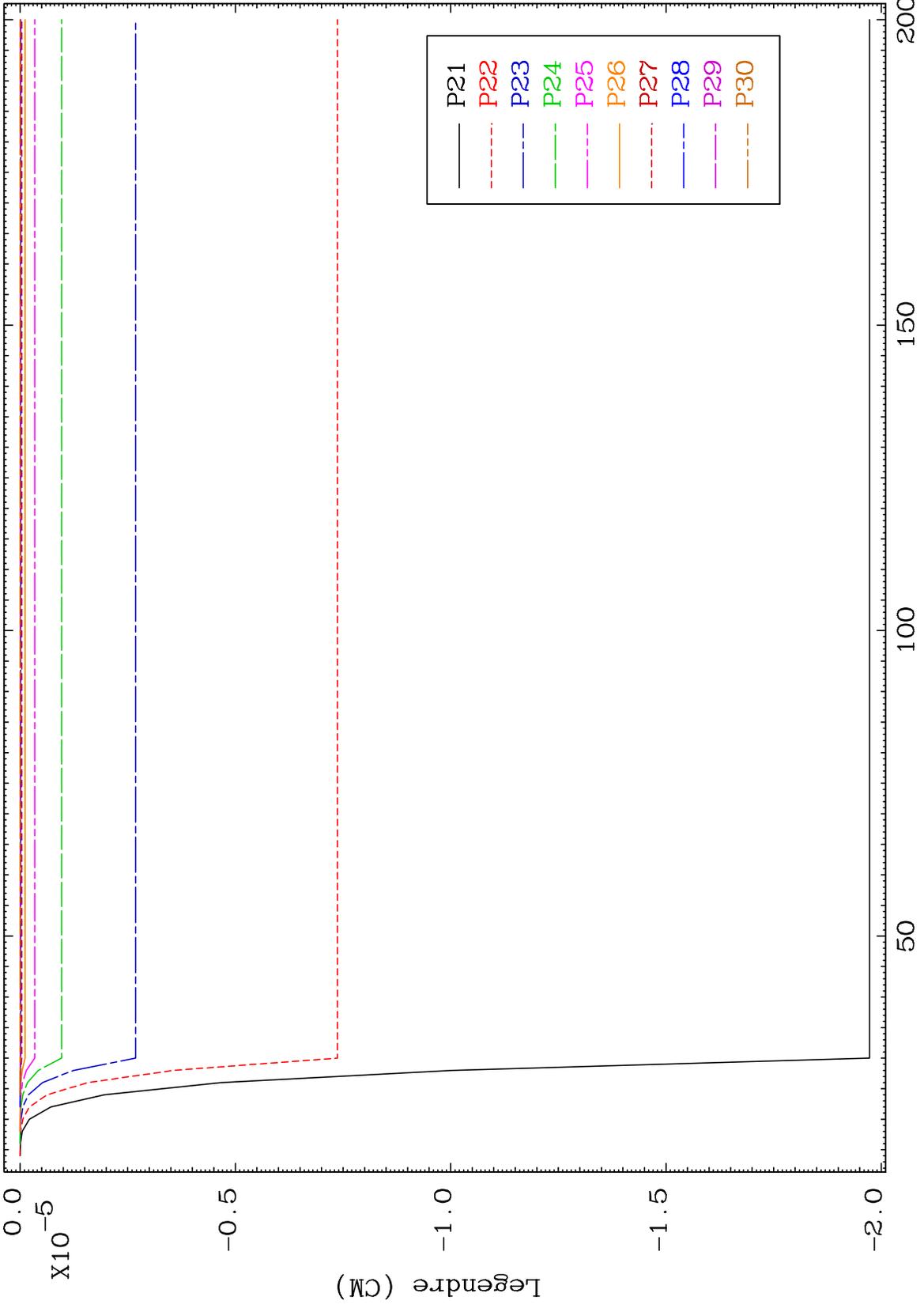
MAT 2040 MT= 71 (n,n') Level Legendre Coefficients 20-Ca-45



77 20-Ca-45



MAT 2040 MT= 71 (n,n') Level Legendre Coefficients 20-Ca-45

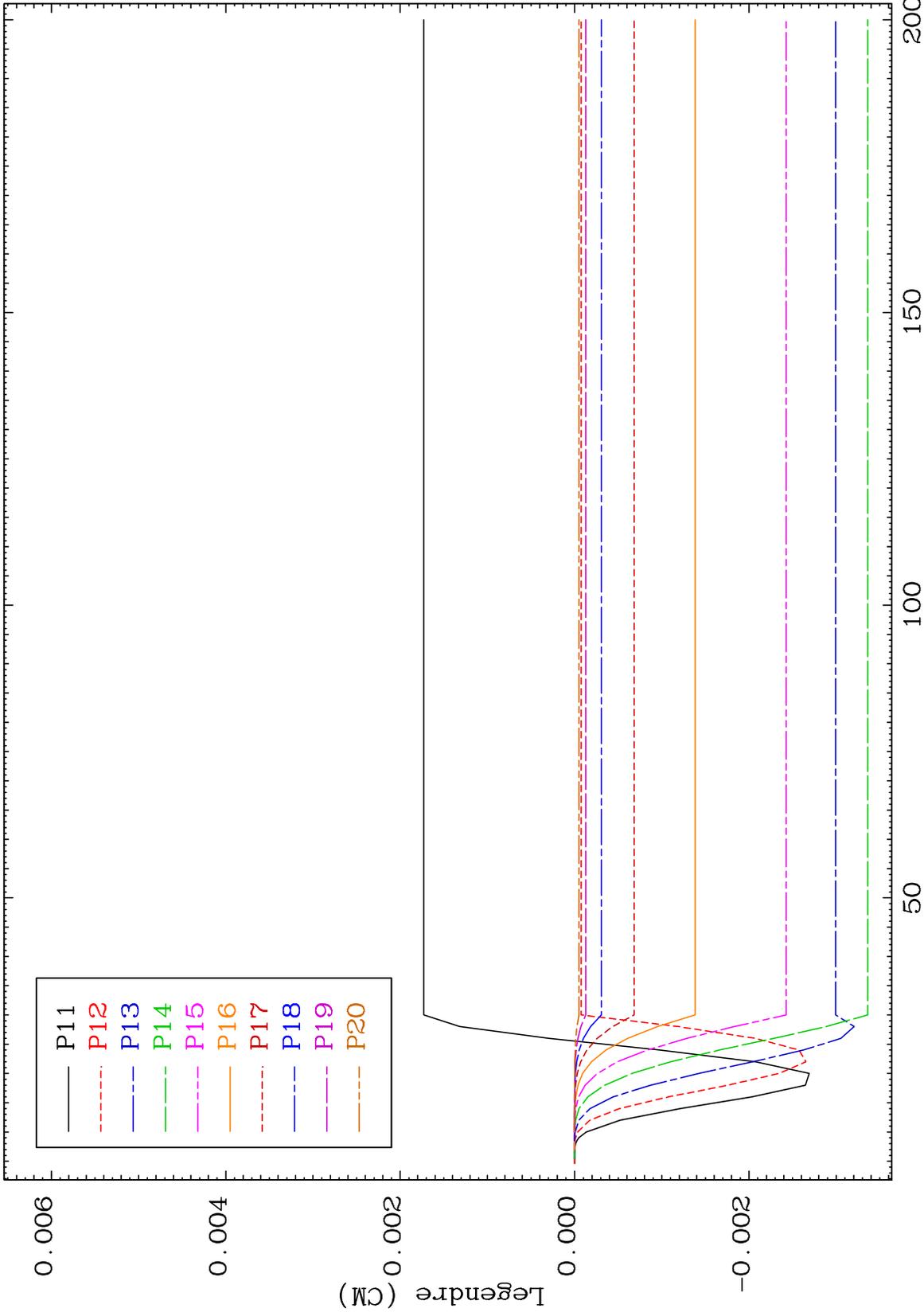




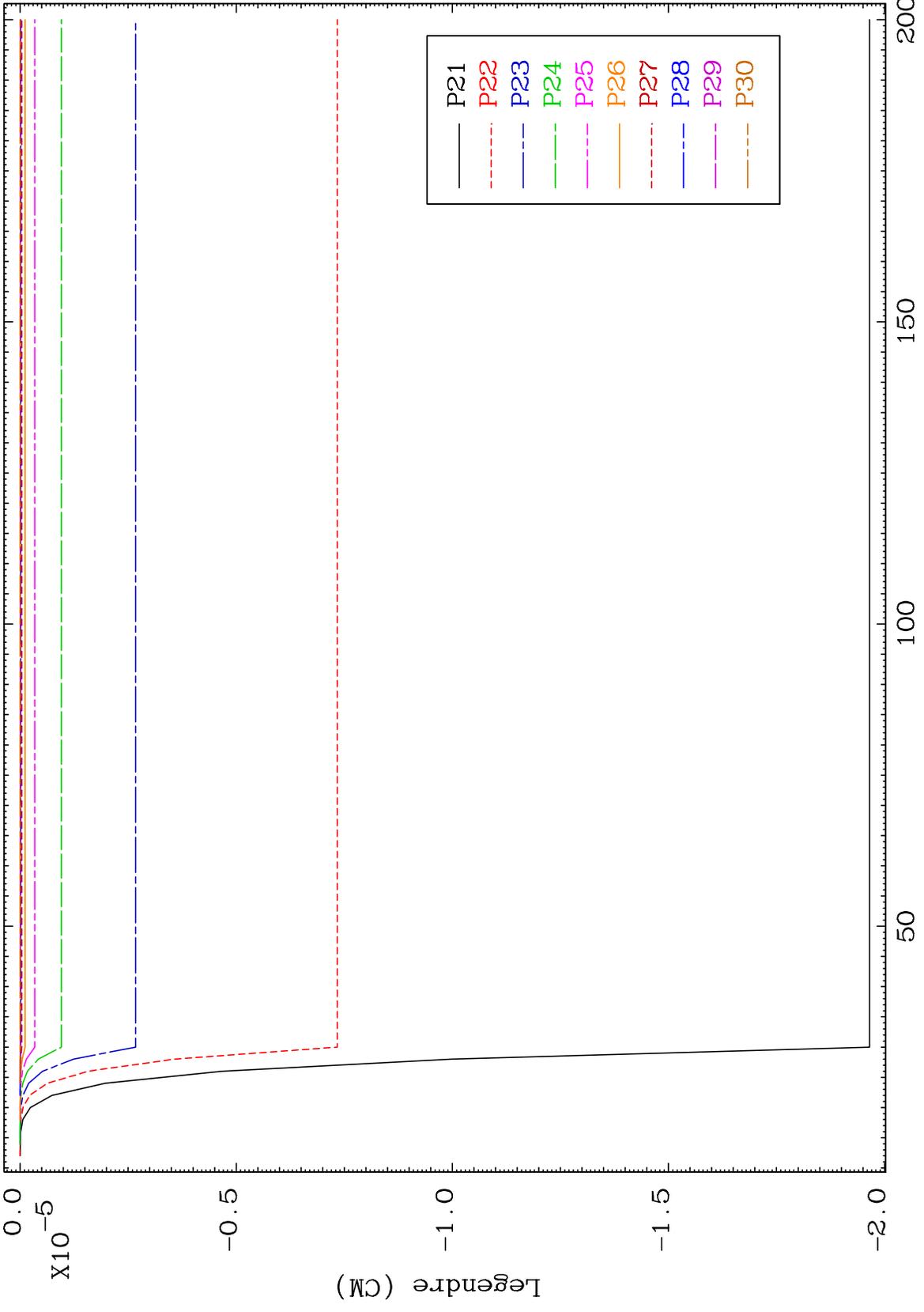
MAT 2040

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

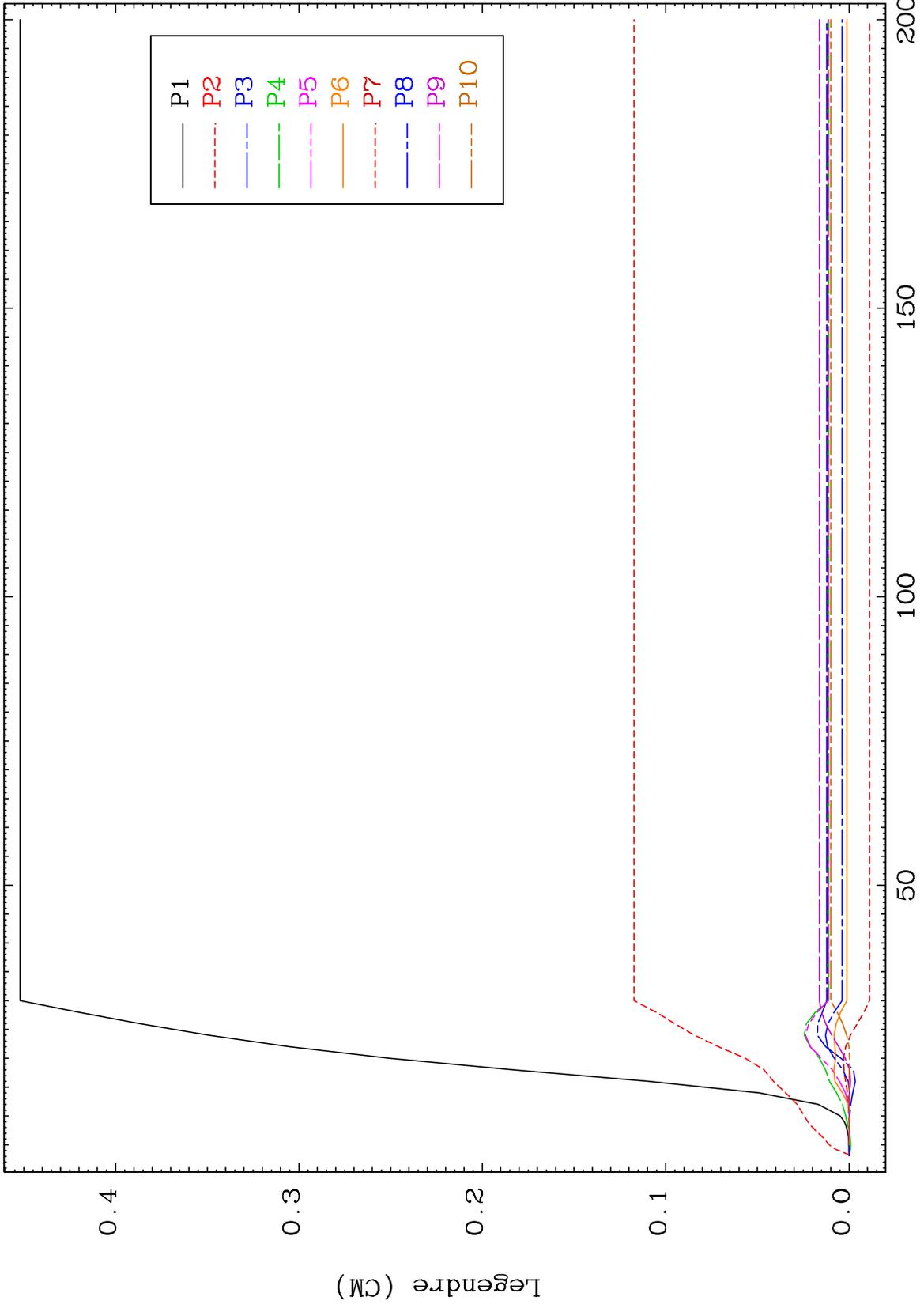
20-Ca-45



MAT 2040 MT= 72 (n,n') Level Legendre Coefficients 20-Ca-45



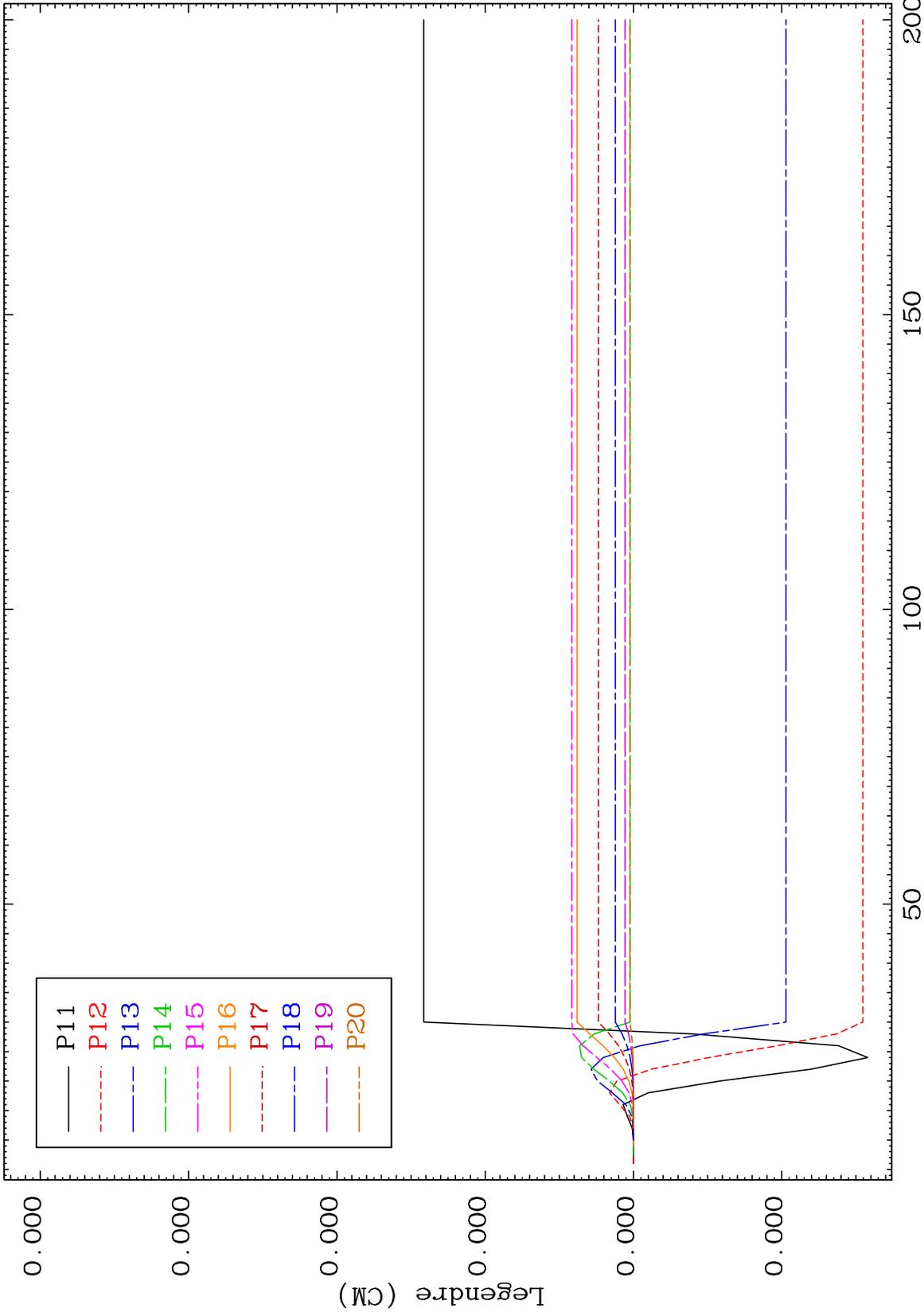
MAT 2040 MT= 73 (n,n') Level Legendre Coefficients 20-Ca-45



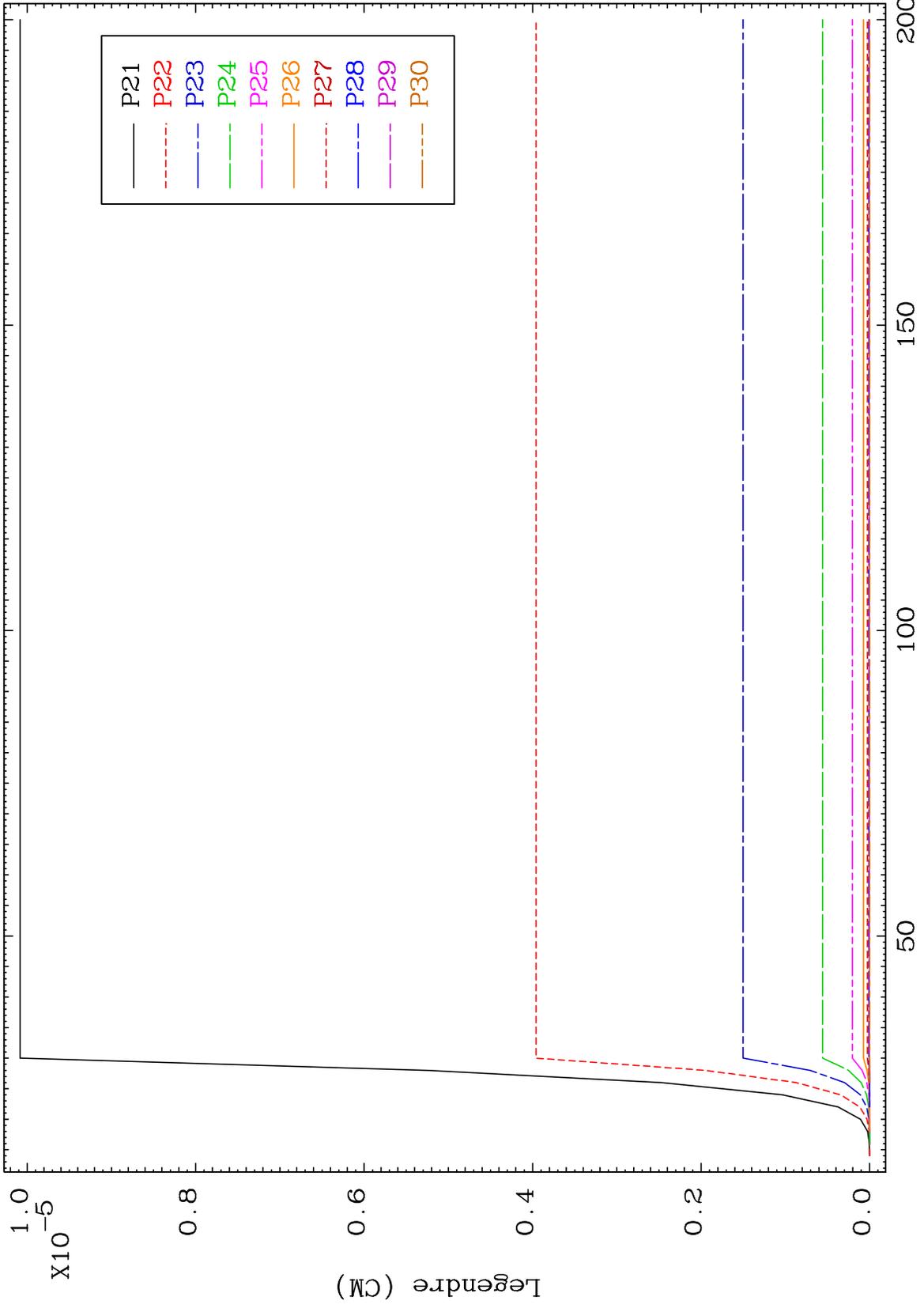
MAT 2040

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

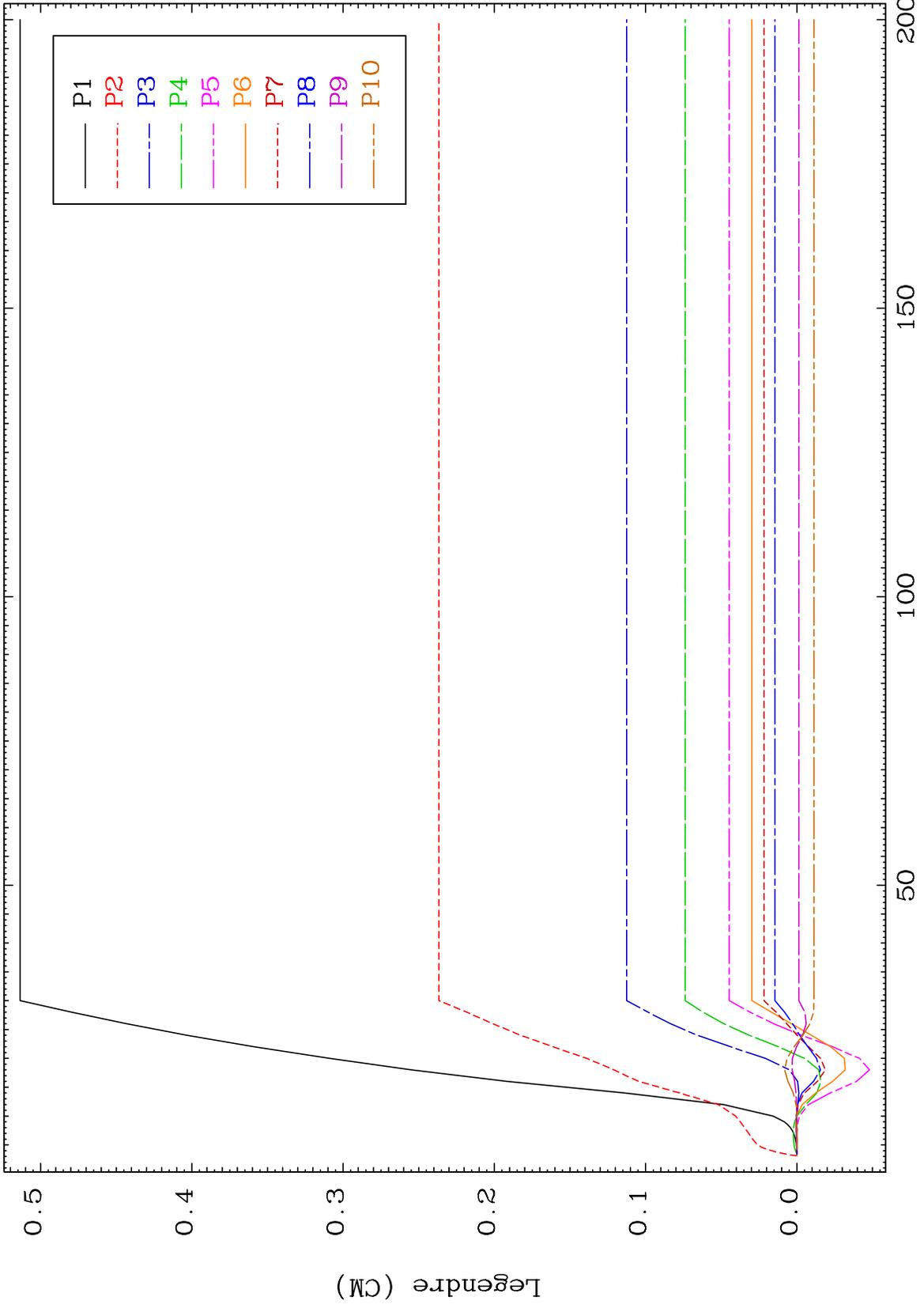
20-Ca-45



MAT 2040 MT= 73 (n, n') Level Legendre Coefficients 20-Ca-45



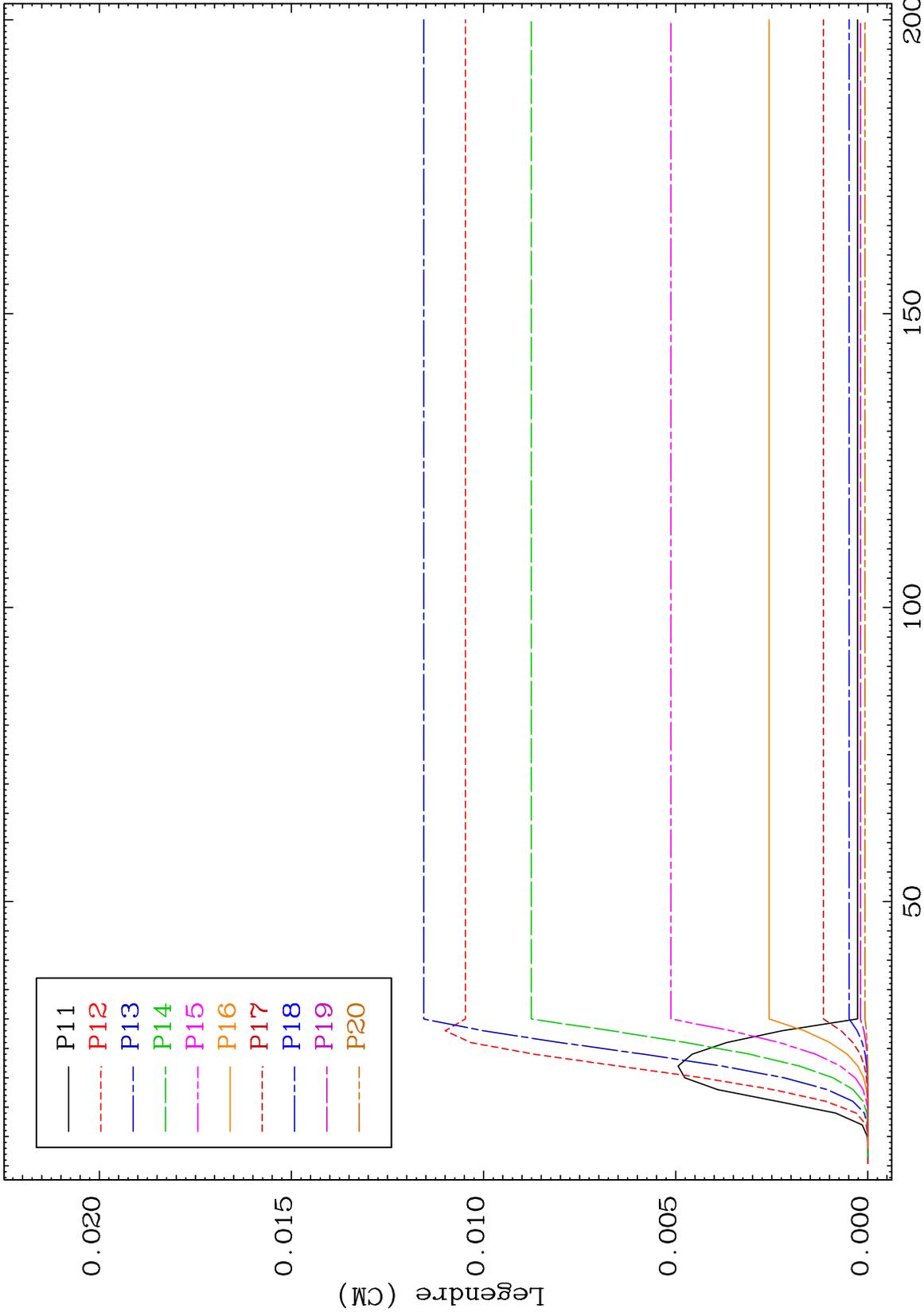
MAT 2040 MT= 74 (n,n') Level Legendre Coefficients 20-Ca-45



MAT 2040

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

20-Ca-45

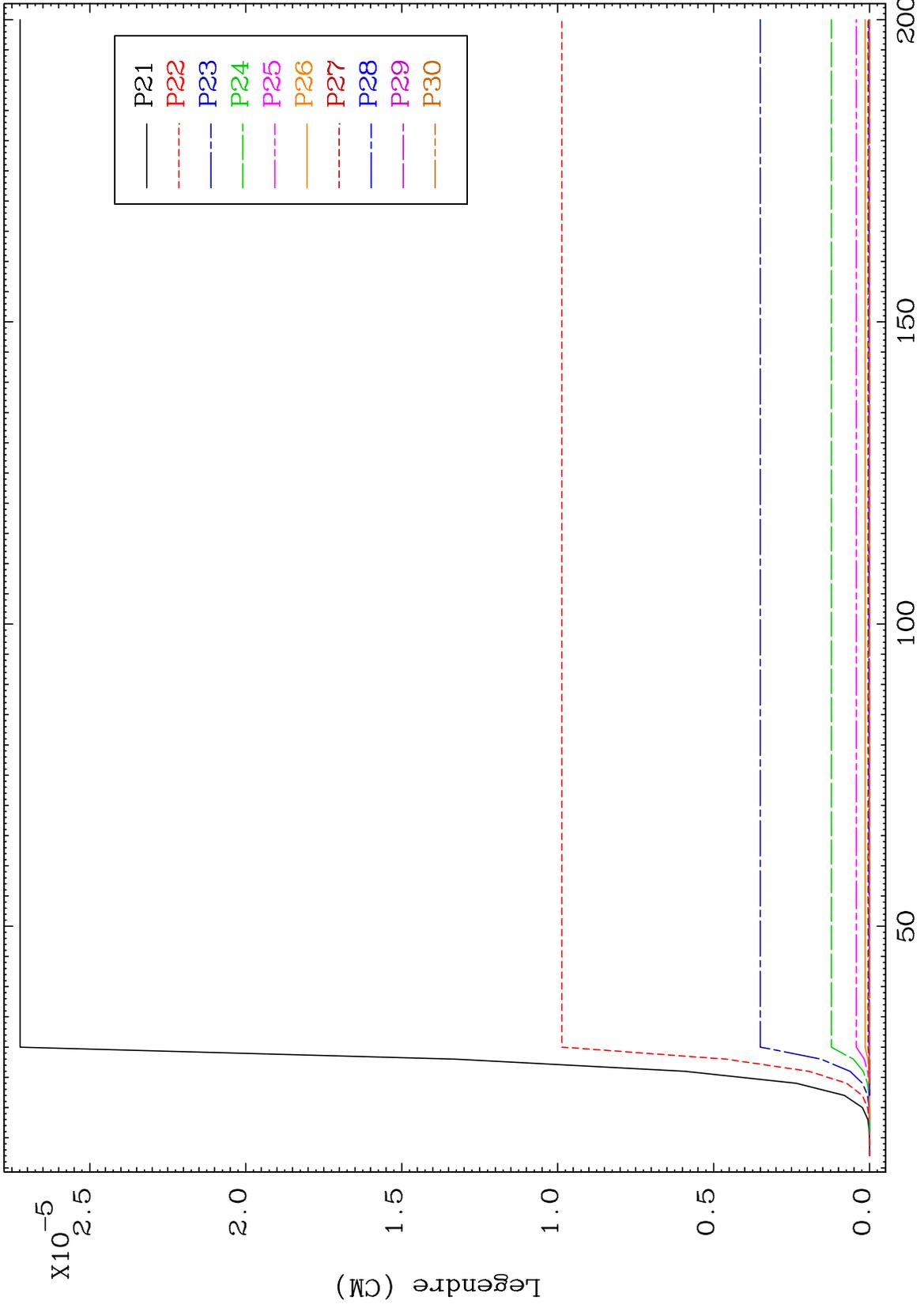


87

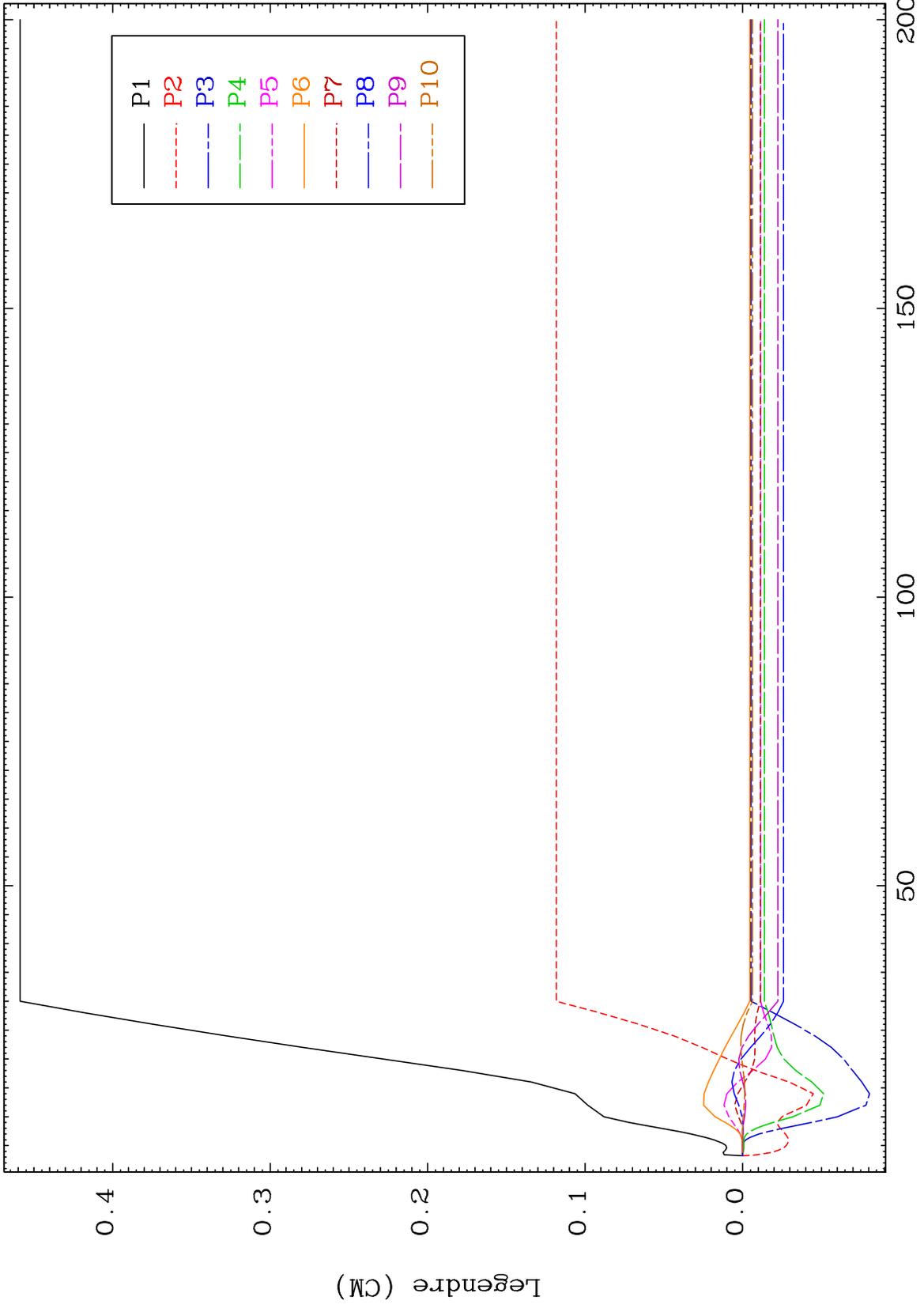
Incident Energy (MeV)

20-Ca-45

MAT 2040 MT= 74 (n,n') Level Legendre Coefficients 20-Ca-45



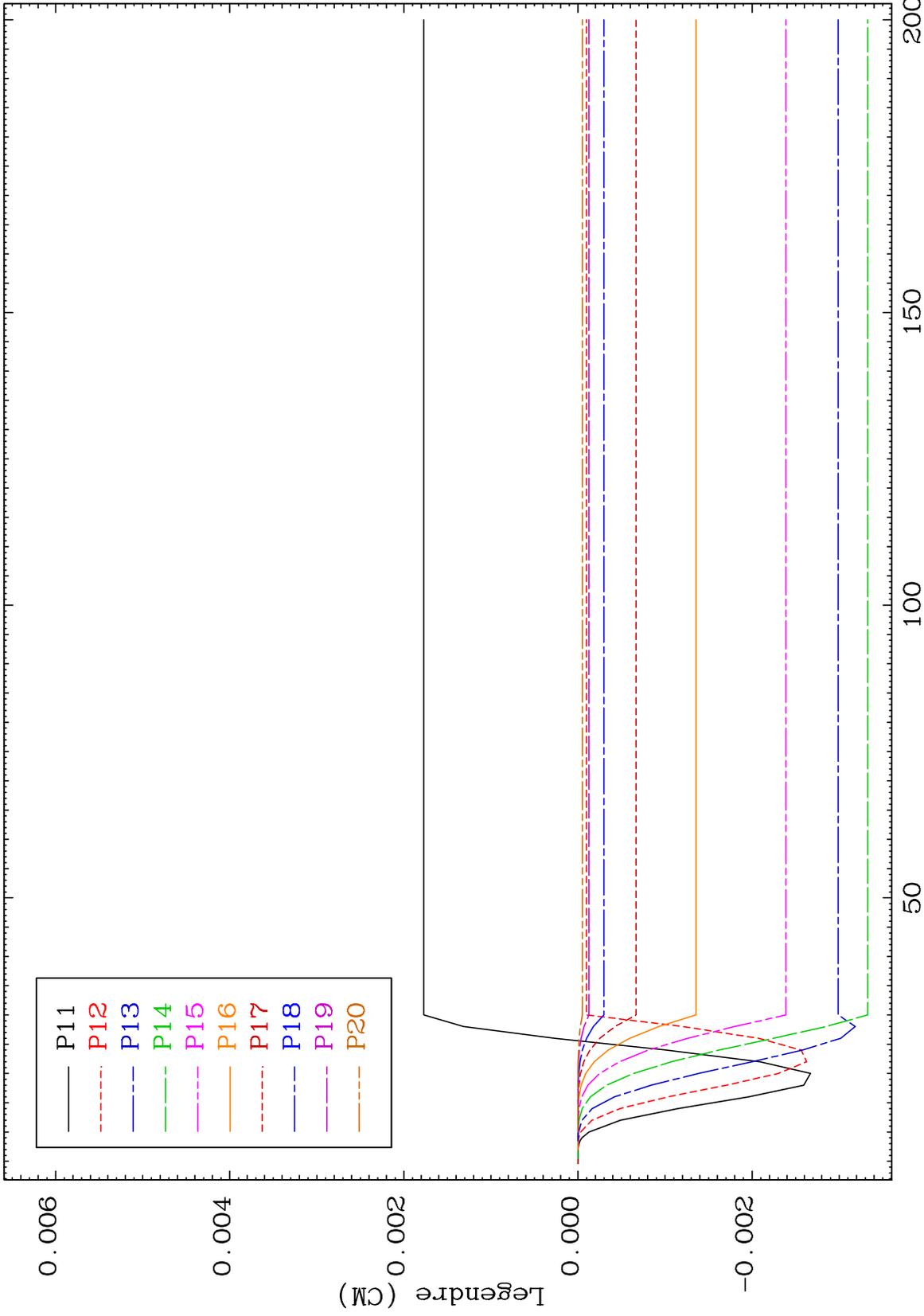
MAT 2040 MT= 75 (n,n') Level Legendre Coefficients 20-Ca-45



MAT 2040

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

20-Ca-45

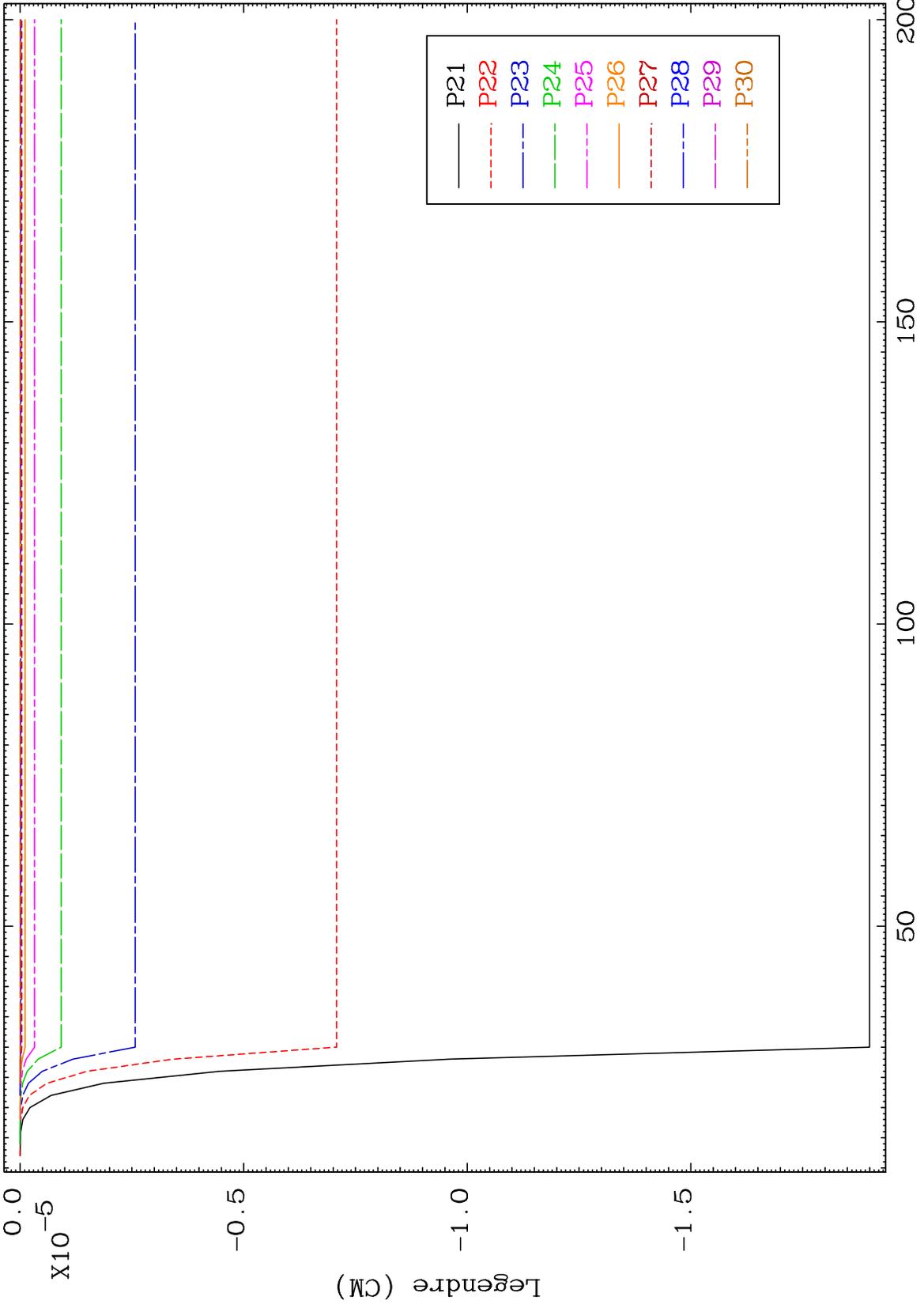


90

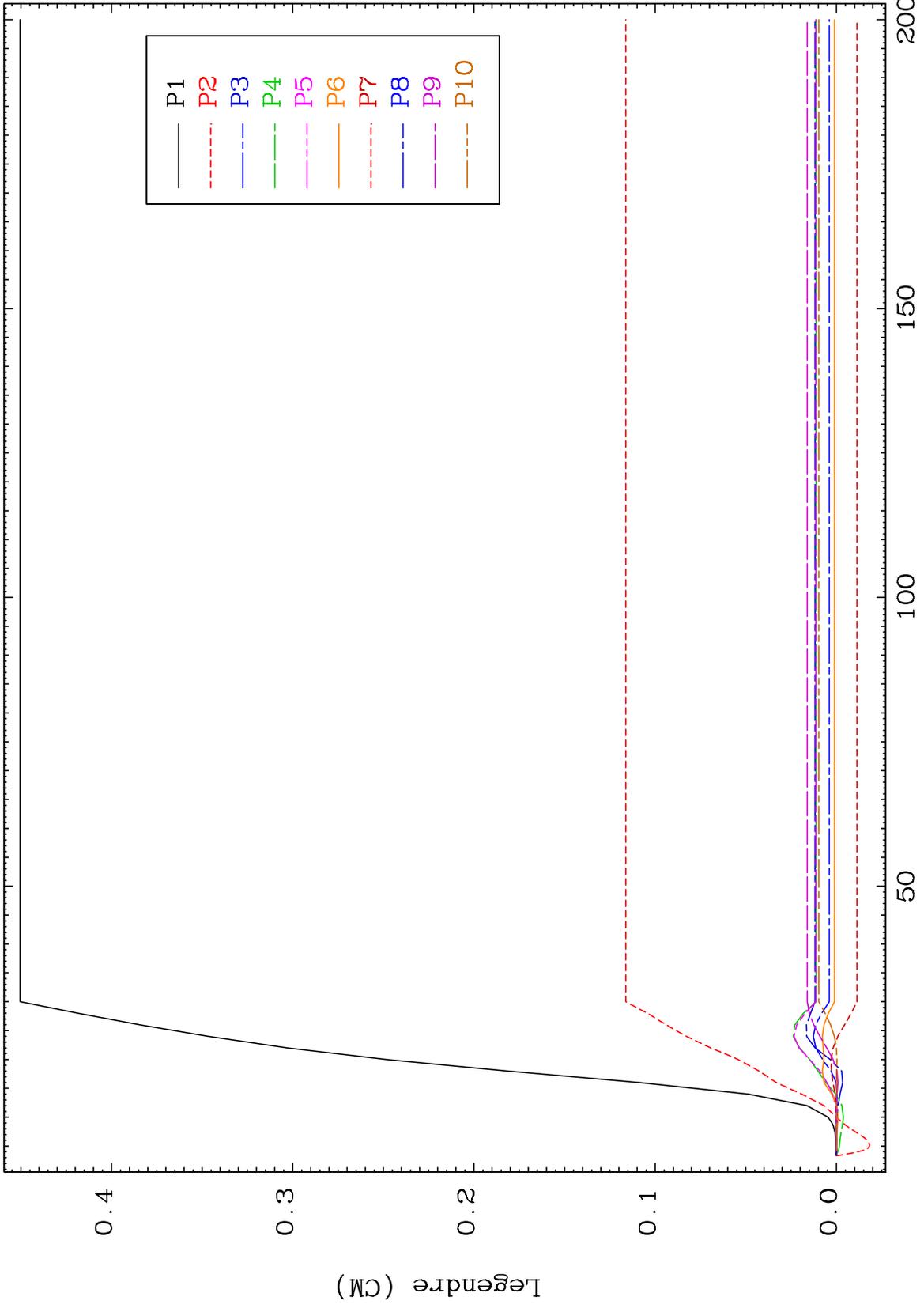
Incident Energy (MeV)

20-Ca-45

Legendre Coefficients



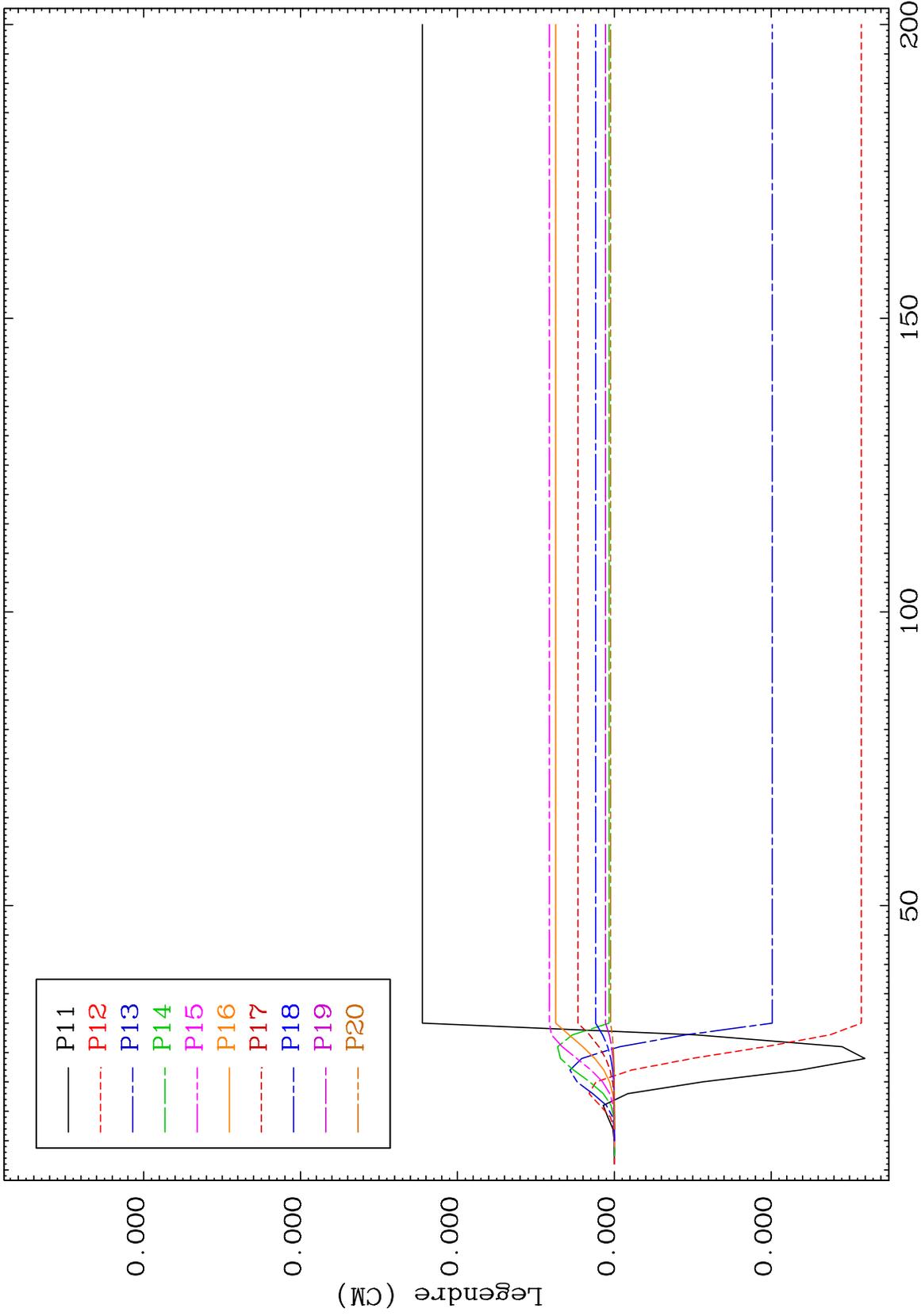
MAT 2040 MT= 76 (n,n') Level Legendre Coefficients 20-Ca-45



MAT 2040

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

20-Ca-45

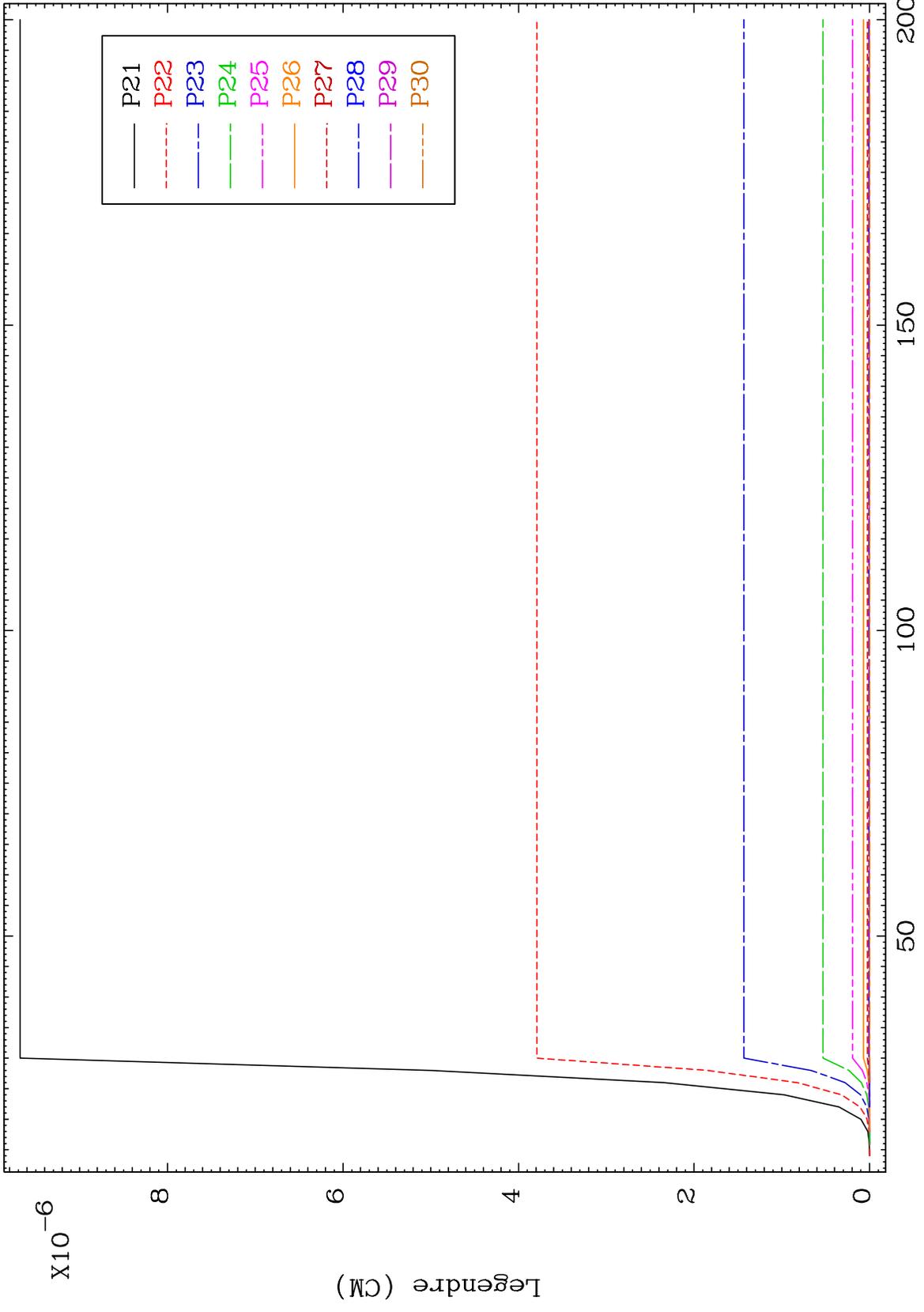


93

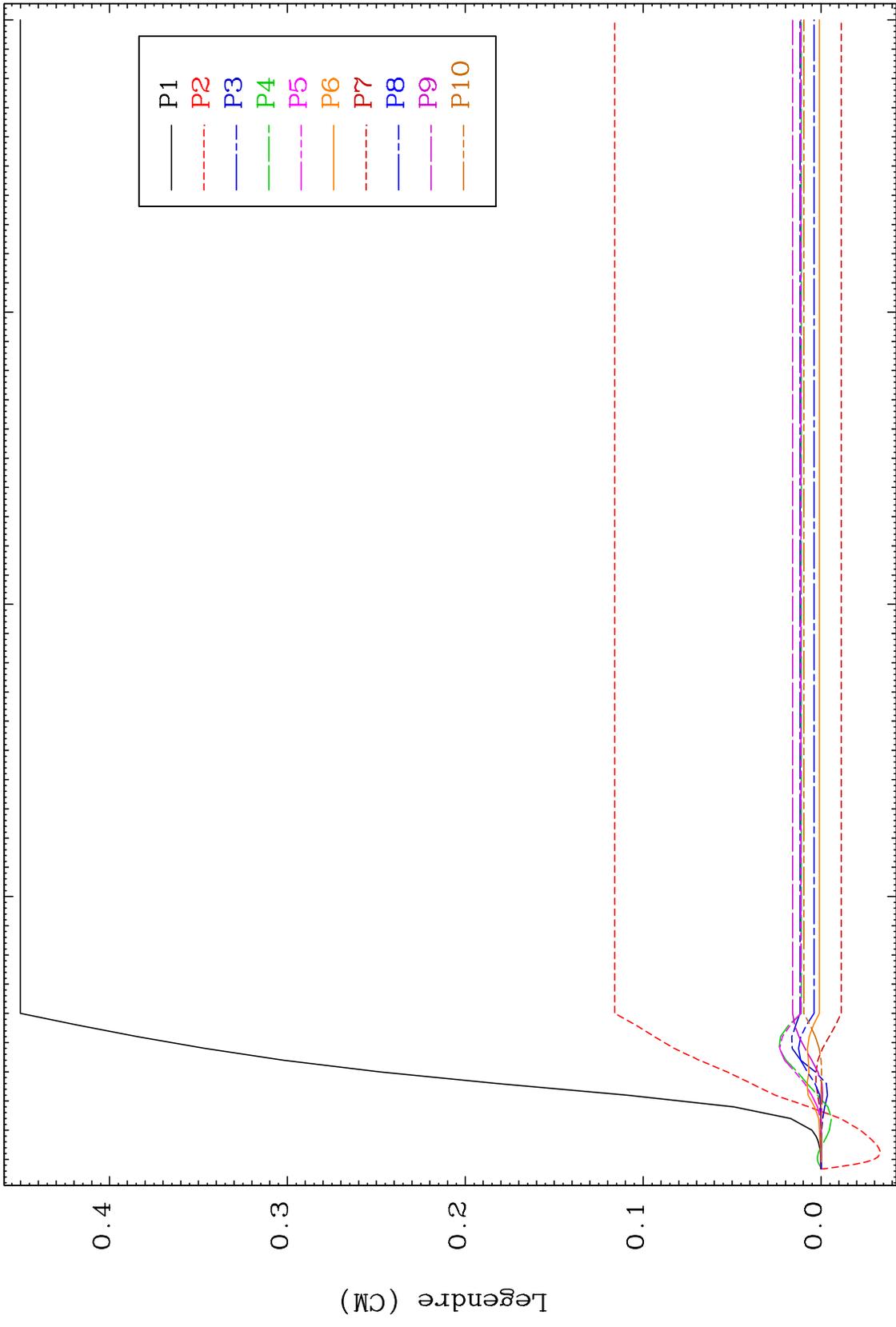
Incident Energy (MeV)

20-Ca-45

MAT 2040 MT= 76 (n,n') Level Legendre Coefficients 20-Ca-45



MAT 2040 MT= 77 (n,n') Level Legendre Coefficients 20-Ca-45

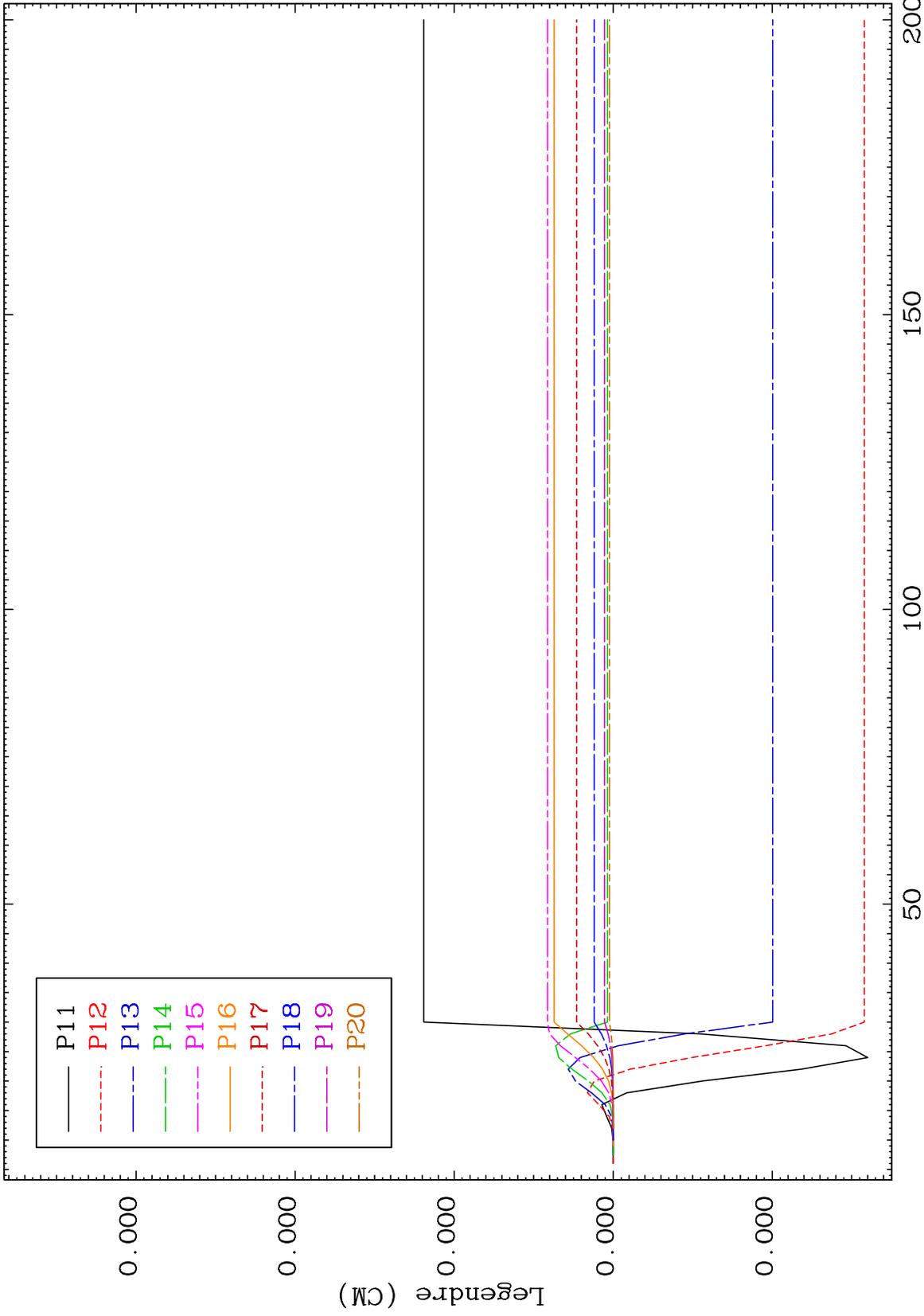


95 Incident Energy (MeV) 20-Ca-45

MAT 2040

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

20-Ca-45



96

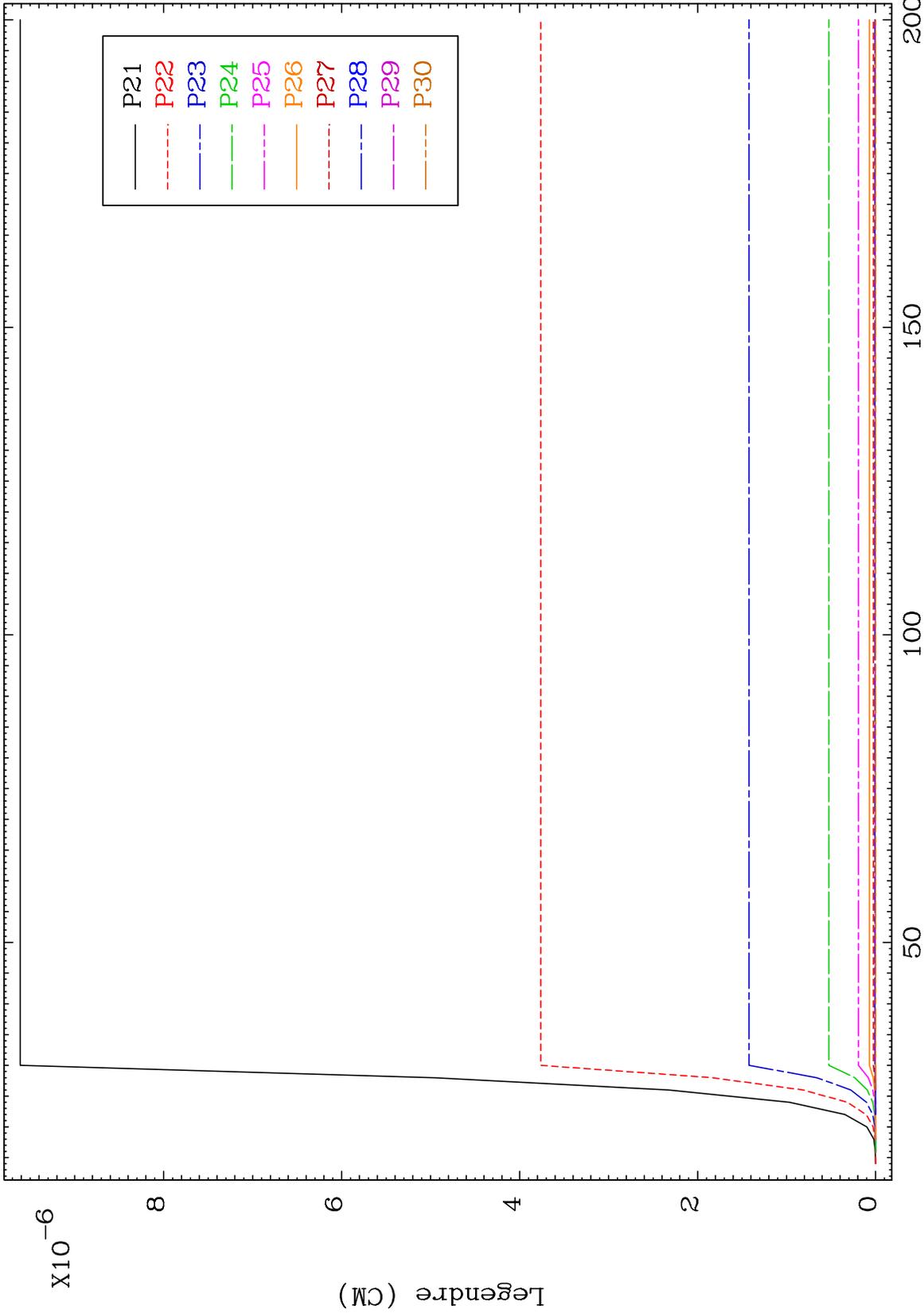
Incident Energy (MeV)

20-Ca-45

MAT 2040

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

20-Ca-45

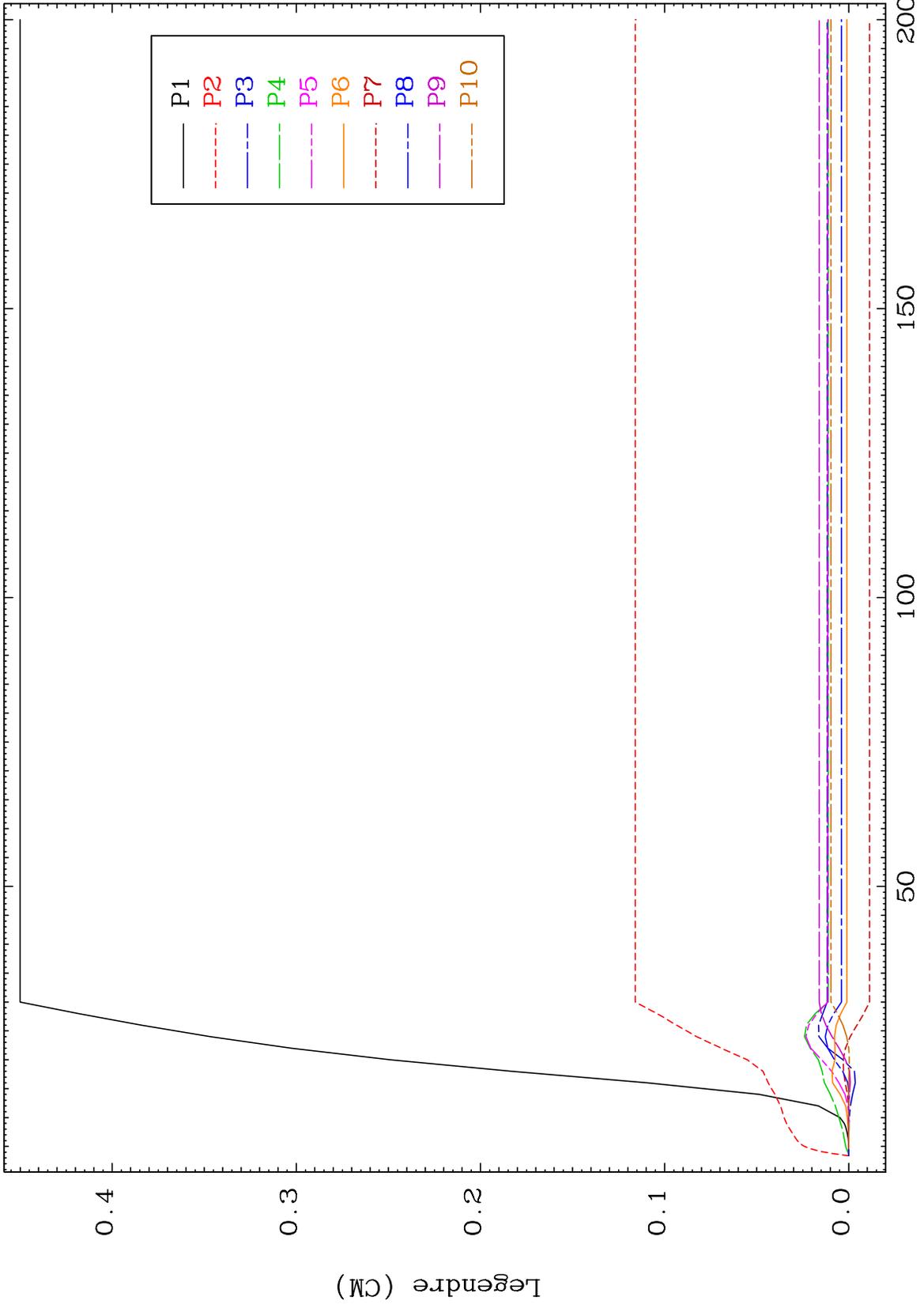


97

Incident Energy (MeV)

20-Ca-45

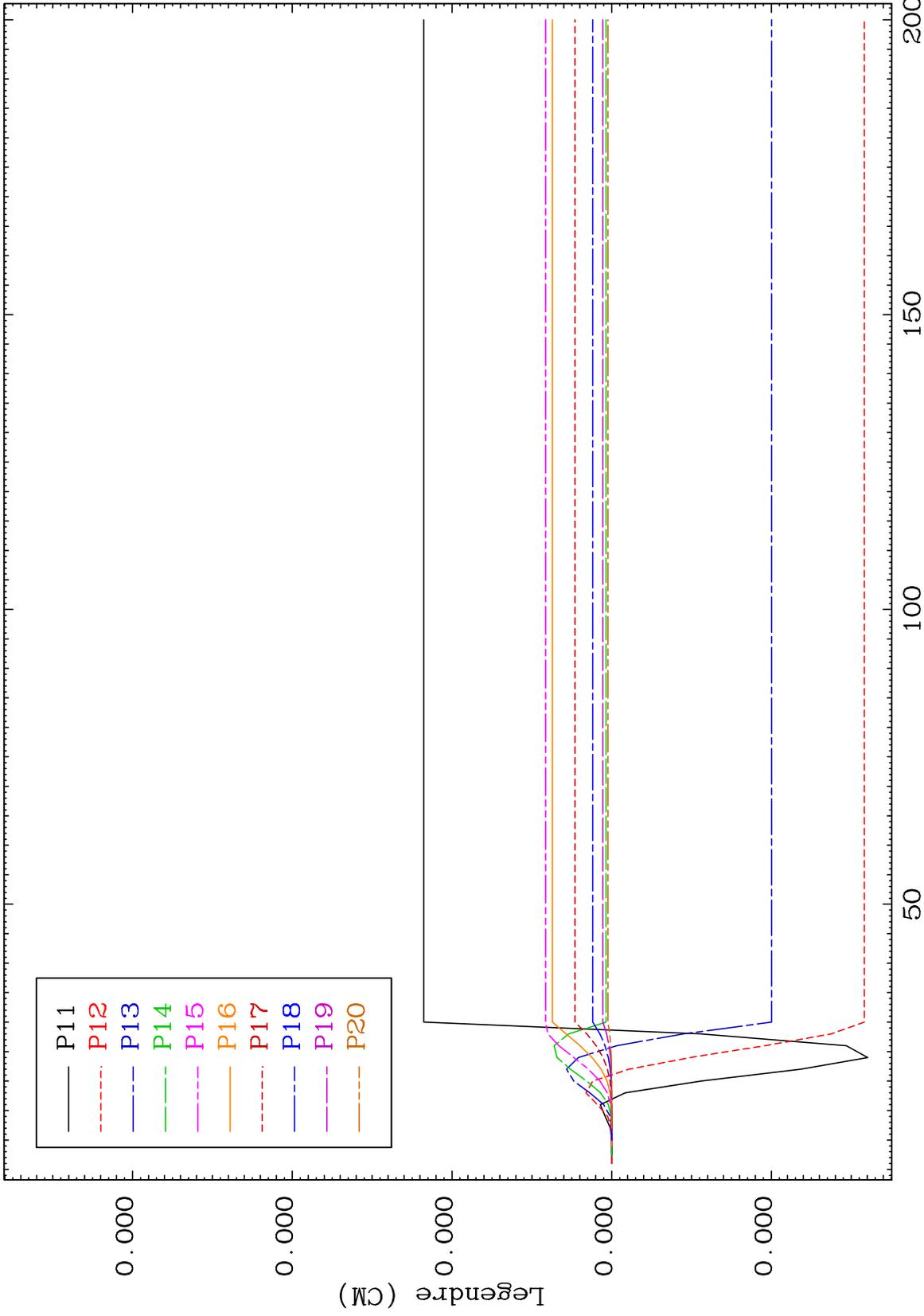
MAT 2040 MT= 78 (n,n') Level Legendre Coefficients 20-Ca-45

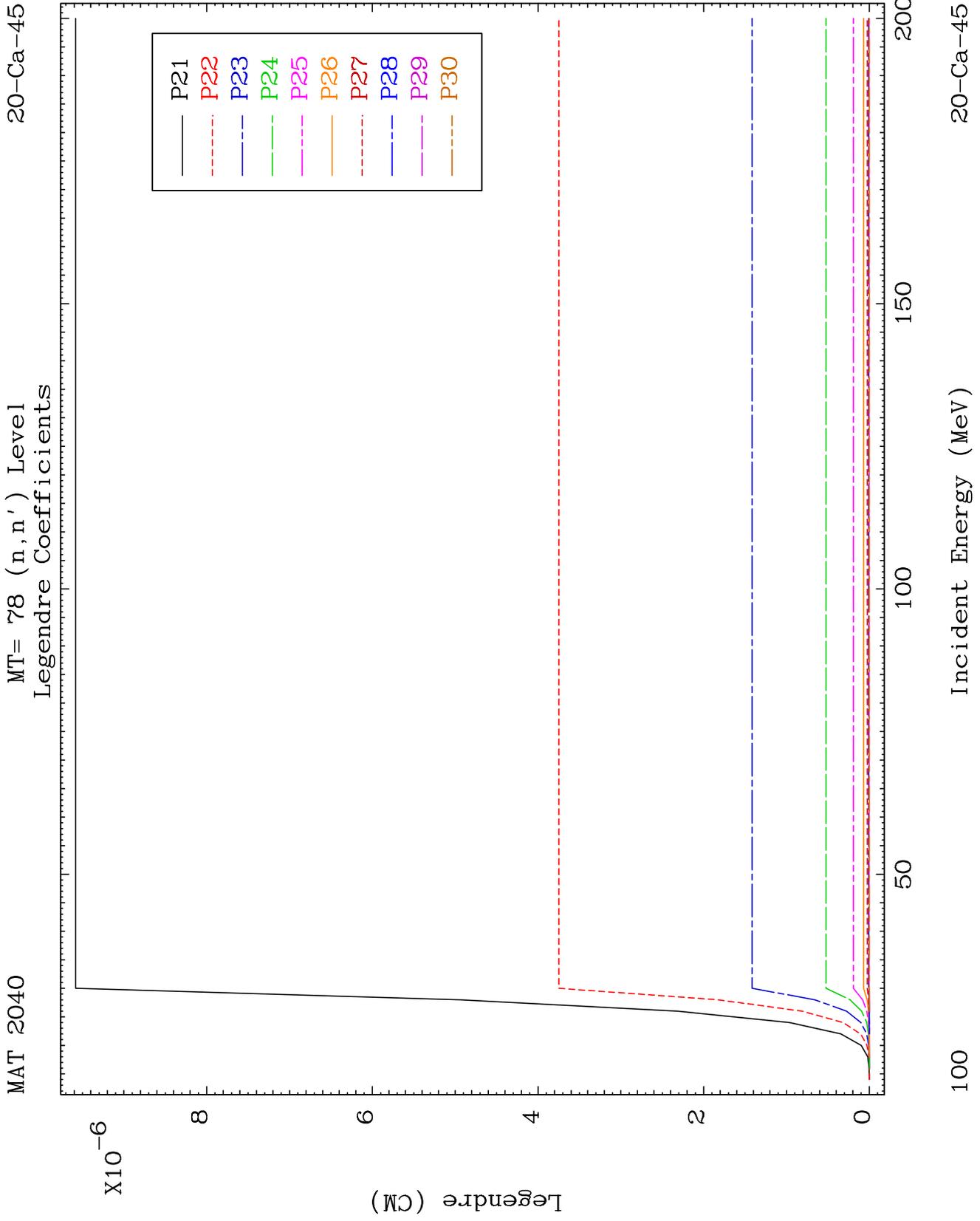


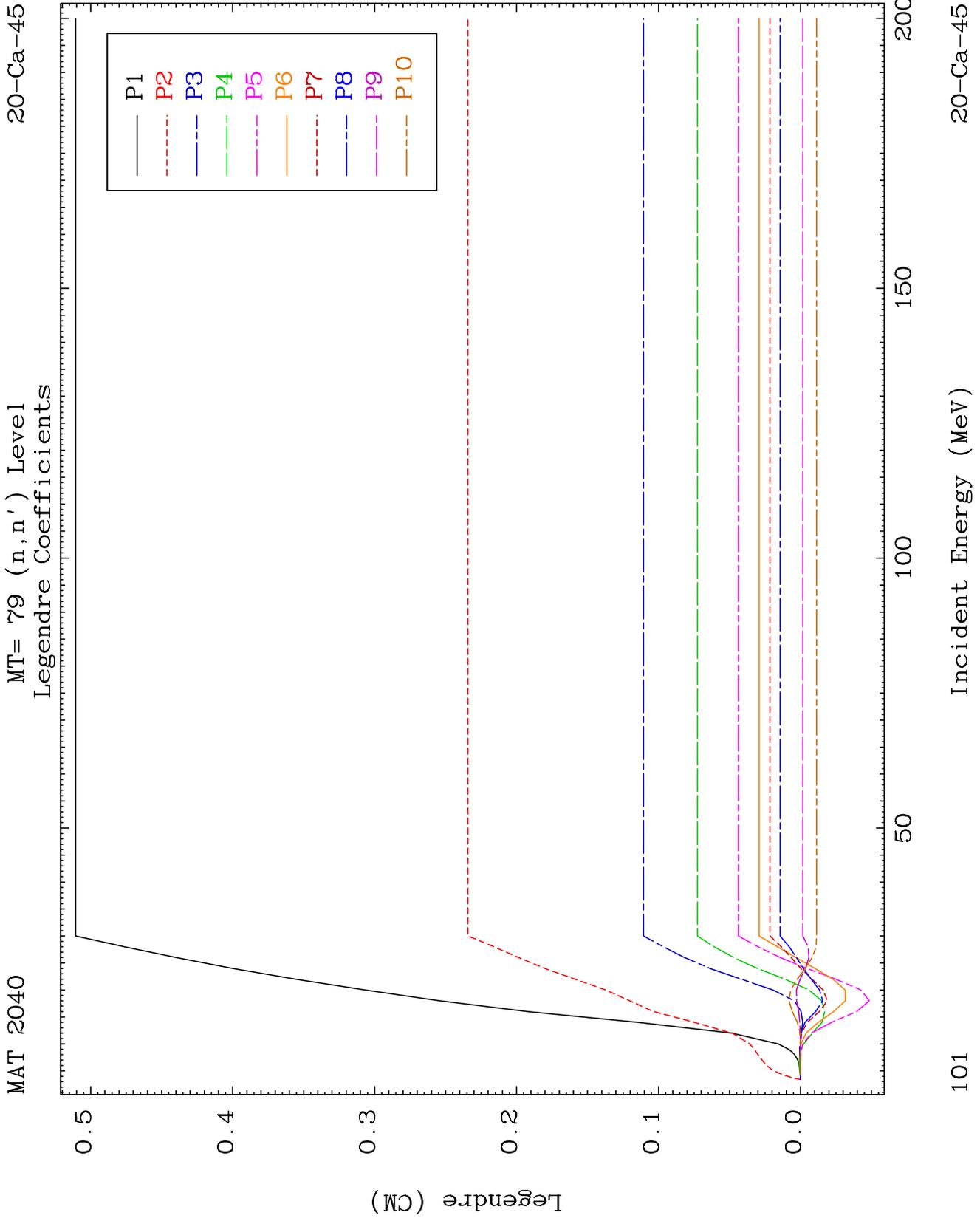
MAT 2040

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

20-Ca-45

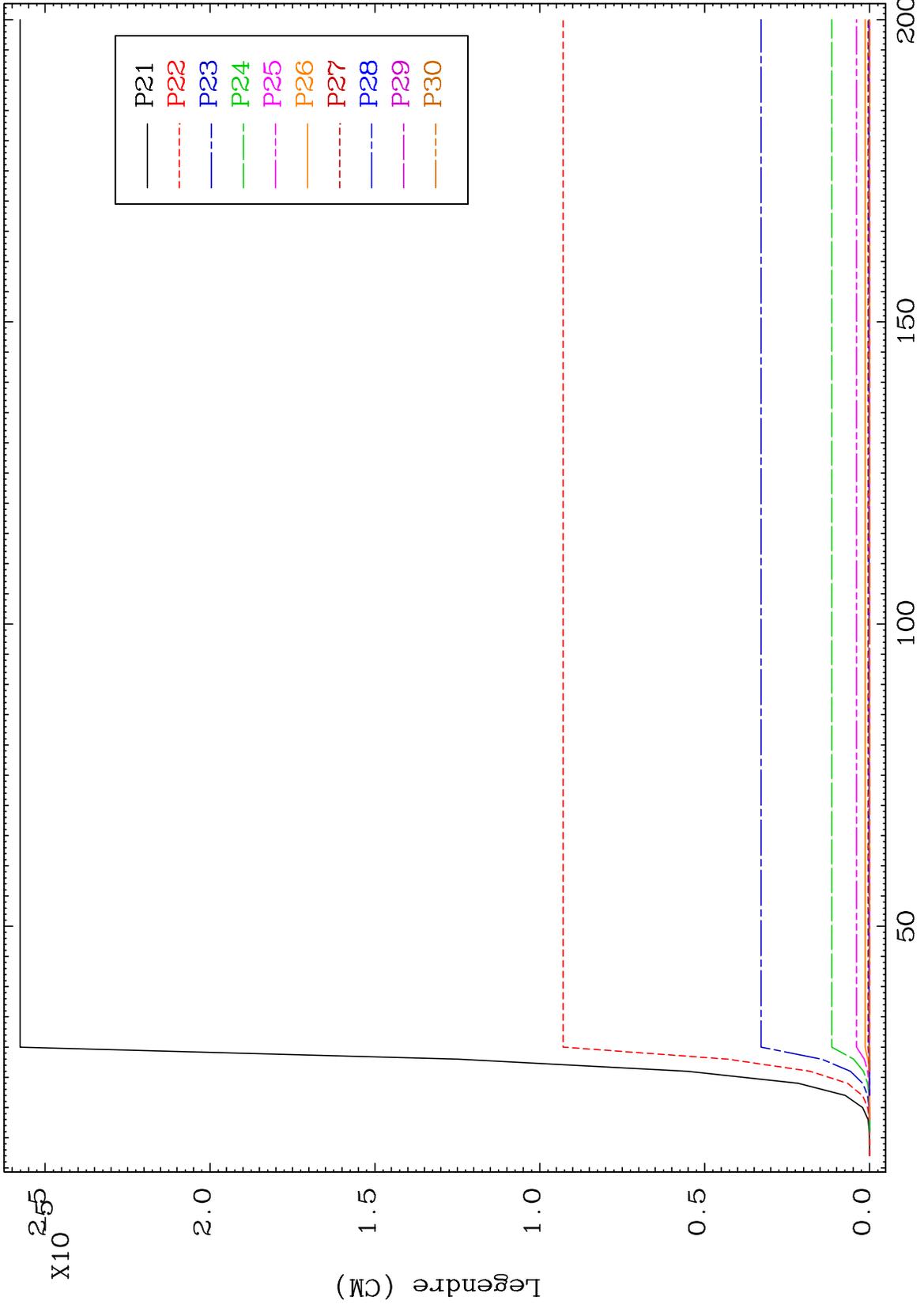








MAT 2040 MT= 79 (n,n') Level Legendre Coefficients 20-Ca-45



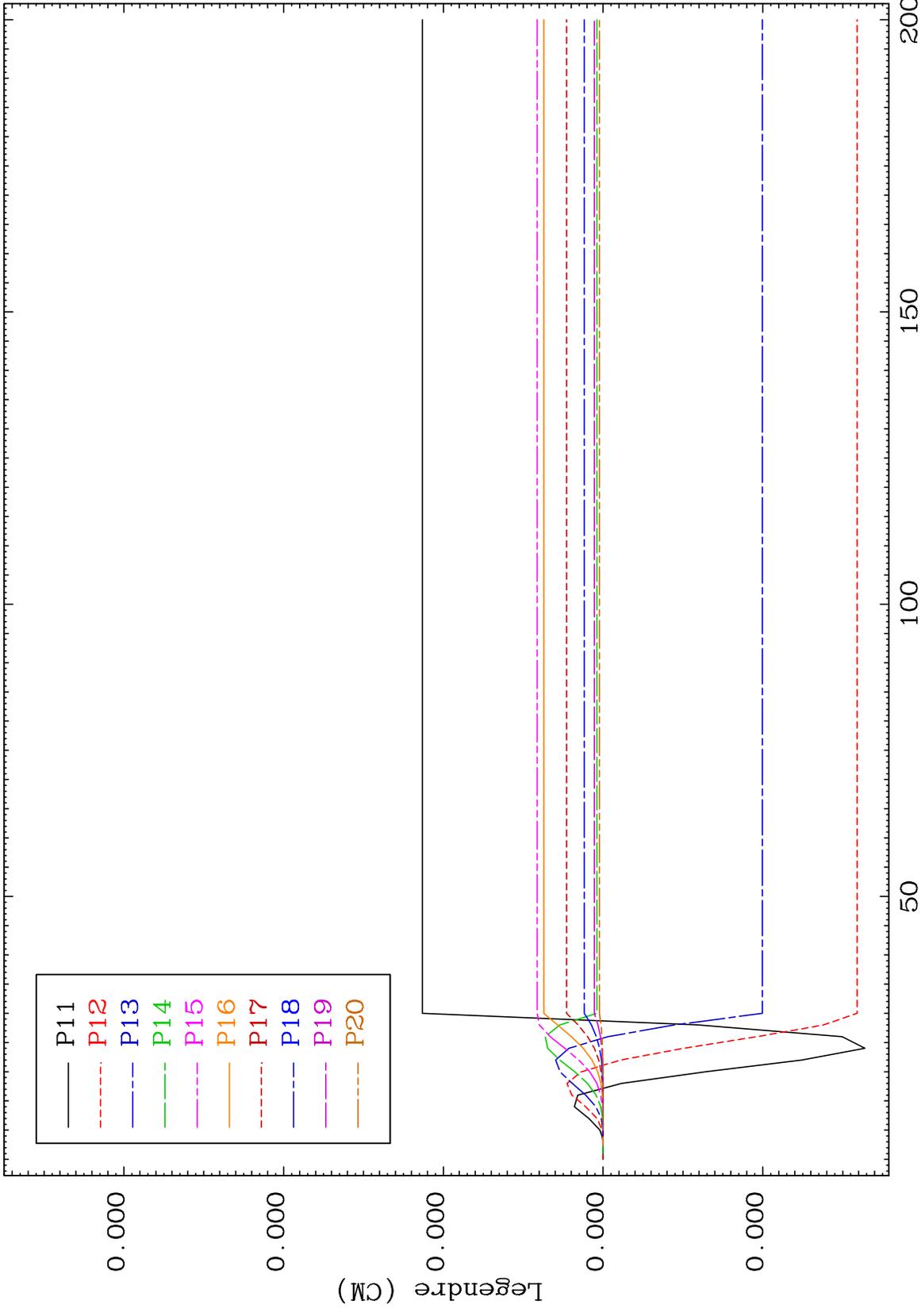
103 50 100 150 200 20-Ca-45



MAT 2040

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

20-Ca-45



105

20-Ca-45

MAT 2040 MT= 80 (n,n') Level Legendre Coefficients 20-Ca-45

