

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

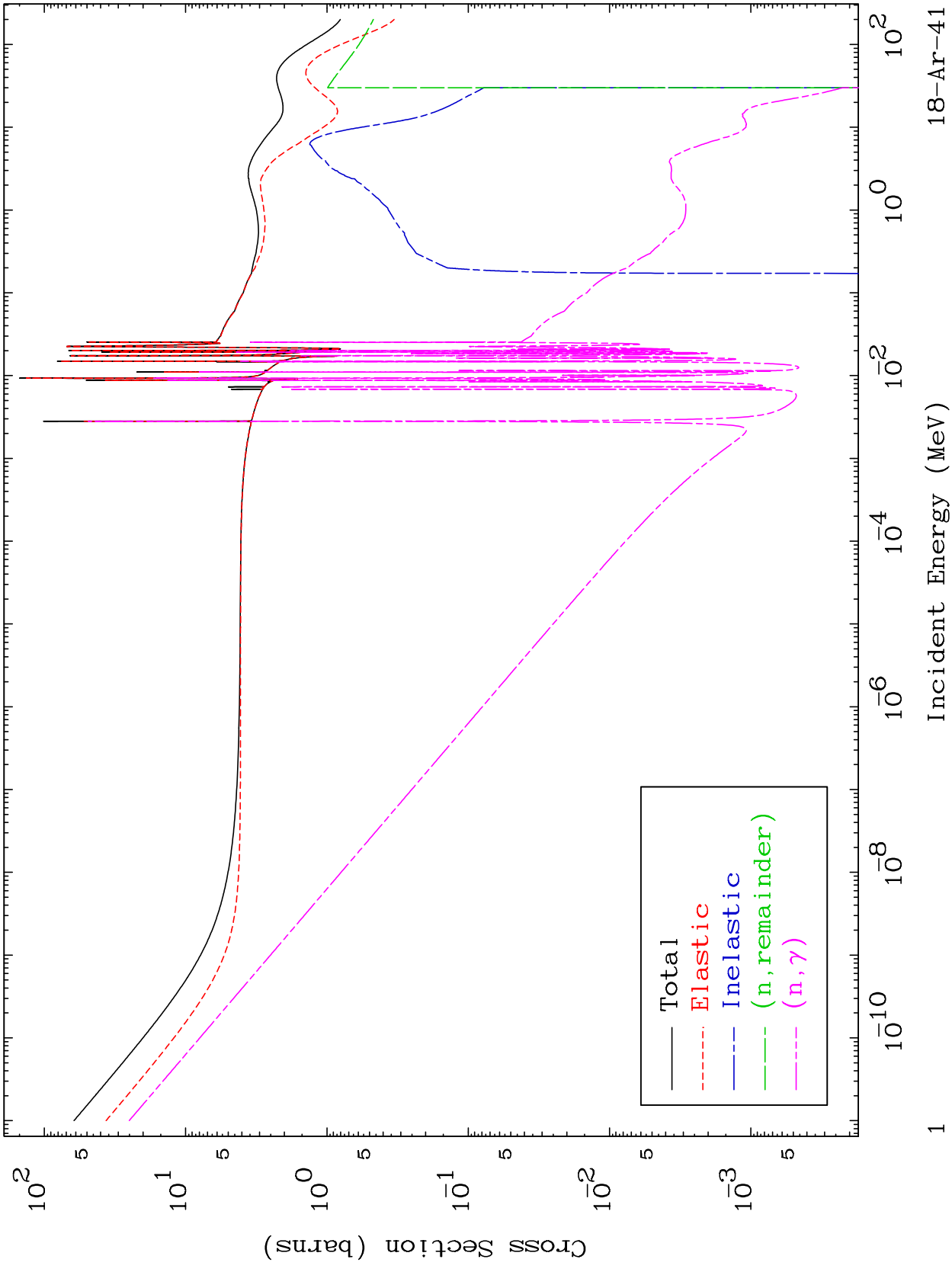
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1840

Major  
293 Kelvin Cross Sections

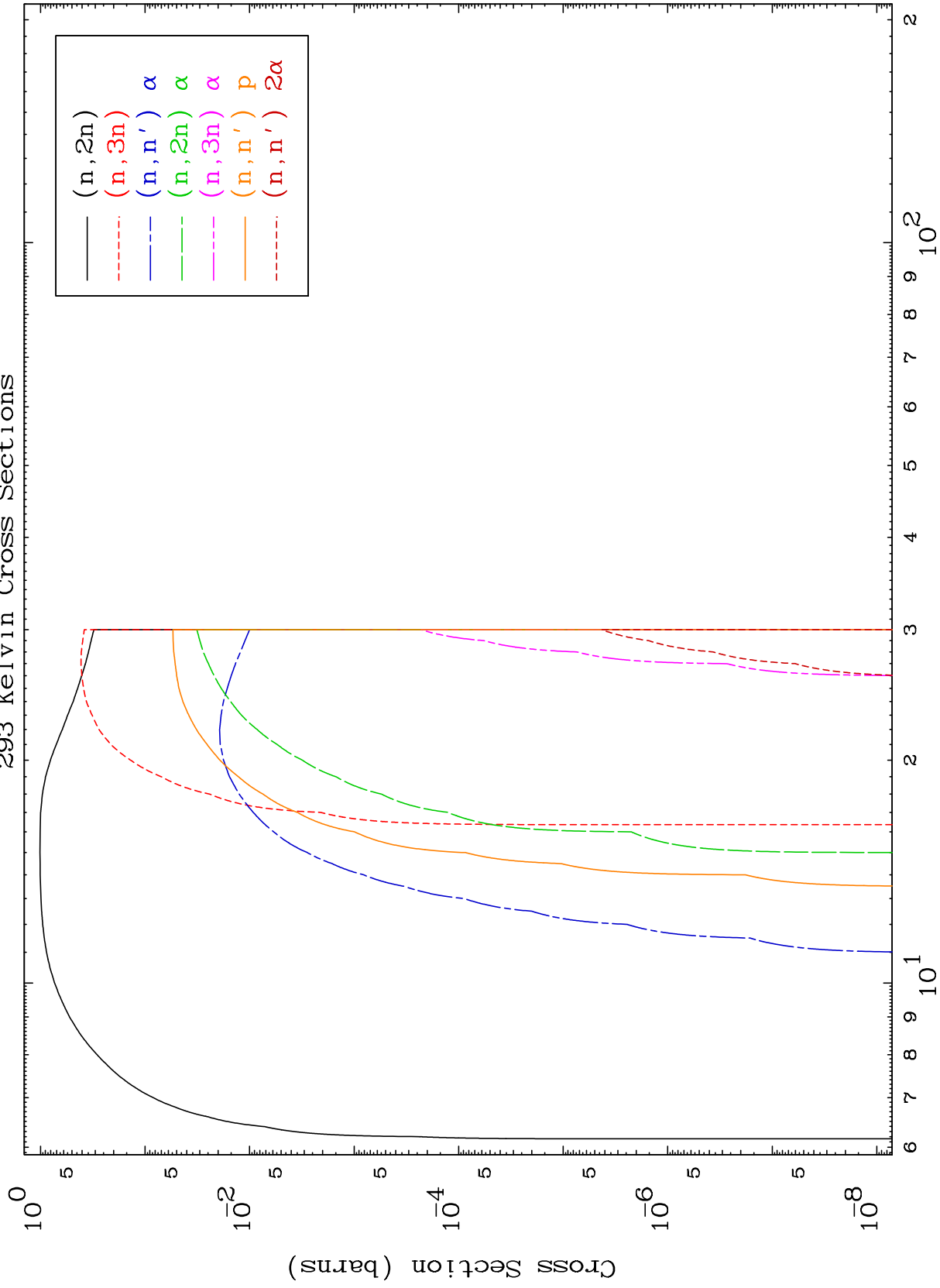
18-Ar-41



MAT 1840

Neutron Production  
293 Kelvin Cross Sections

18-Ar-41



2

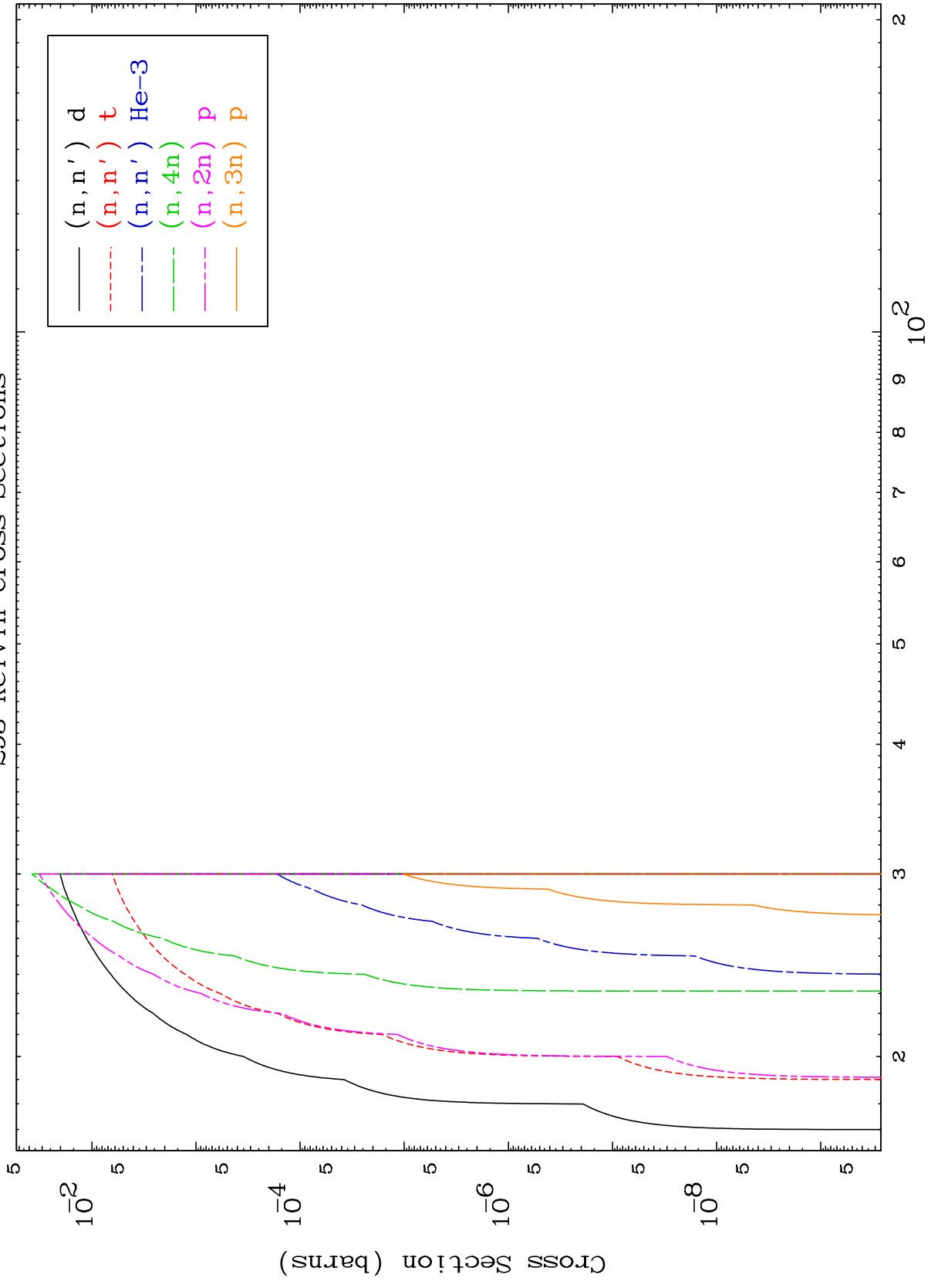
Incident Energy (MeV)

18-Ar-41

MAT 1840

Neutron Production  
293 Kelvin Cross Sections

18-Ar-41



3

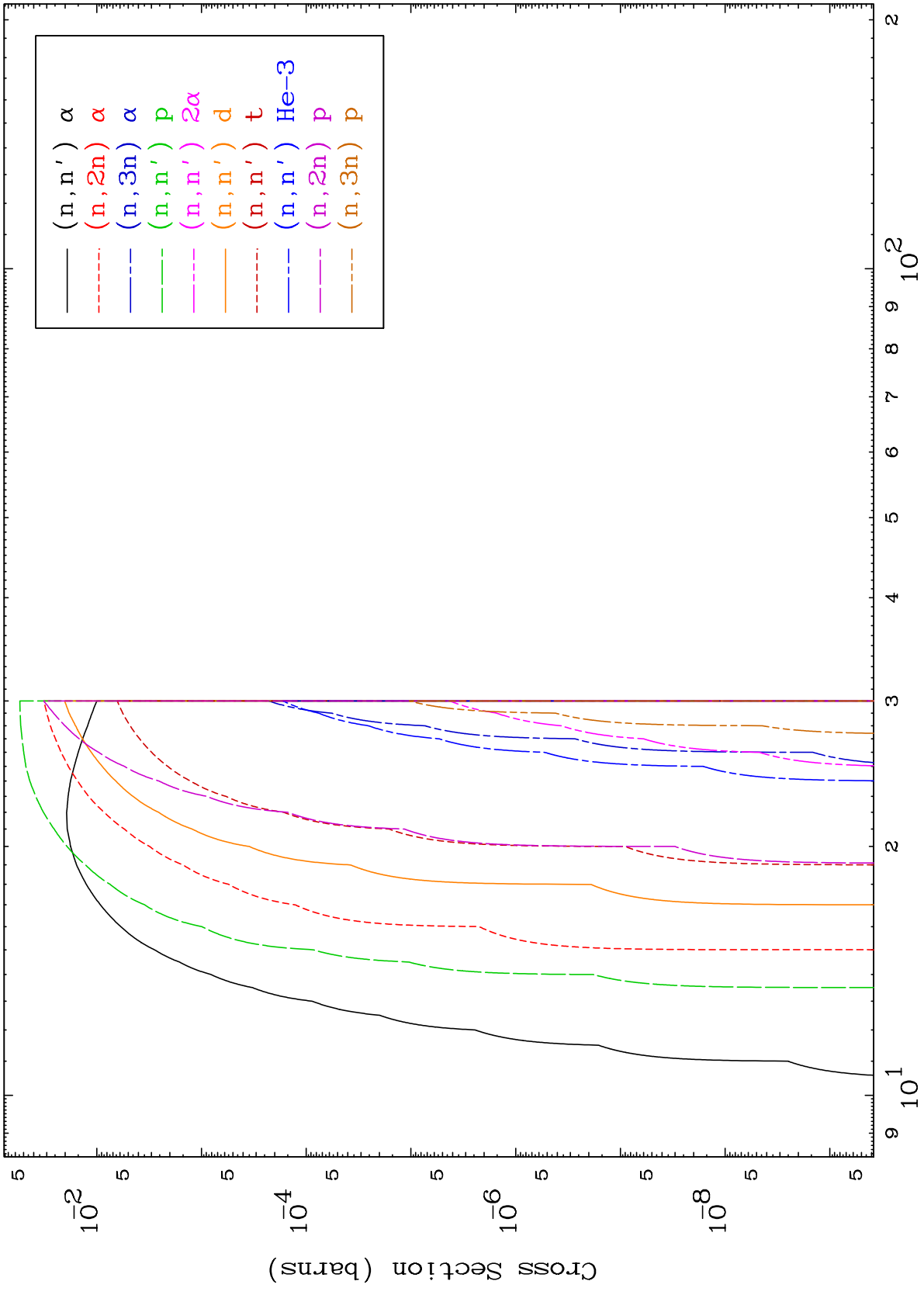
Incident Energy (MeV)

18-Ar-41

MAT 1840

Charged Particle  
293 Kelvin Cross Sections

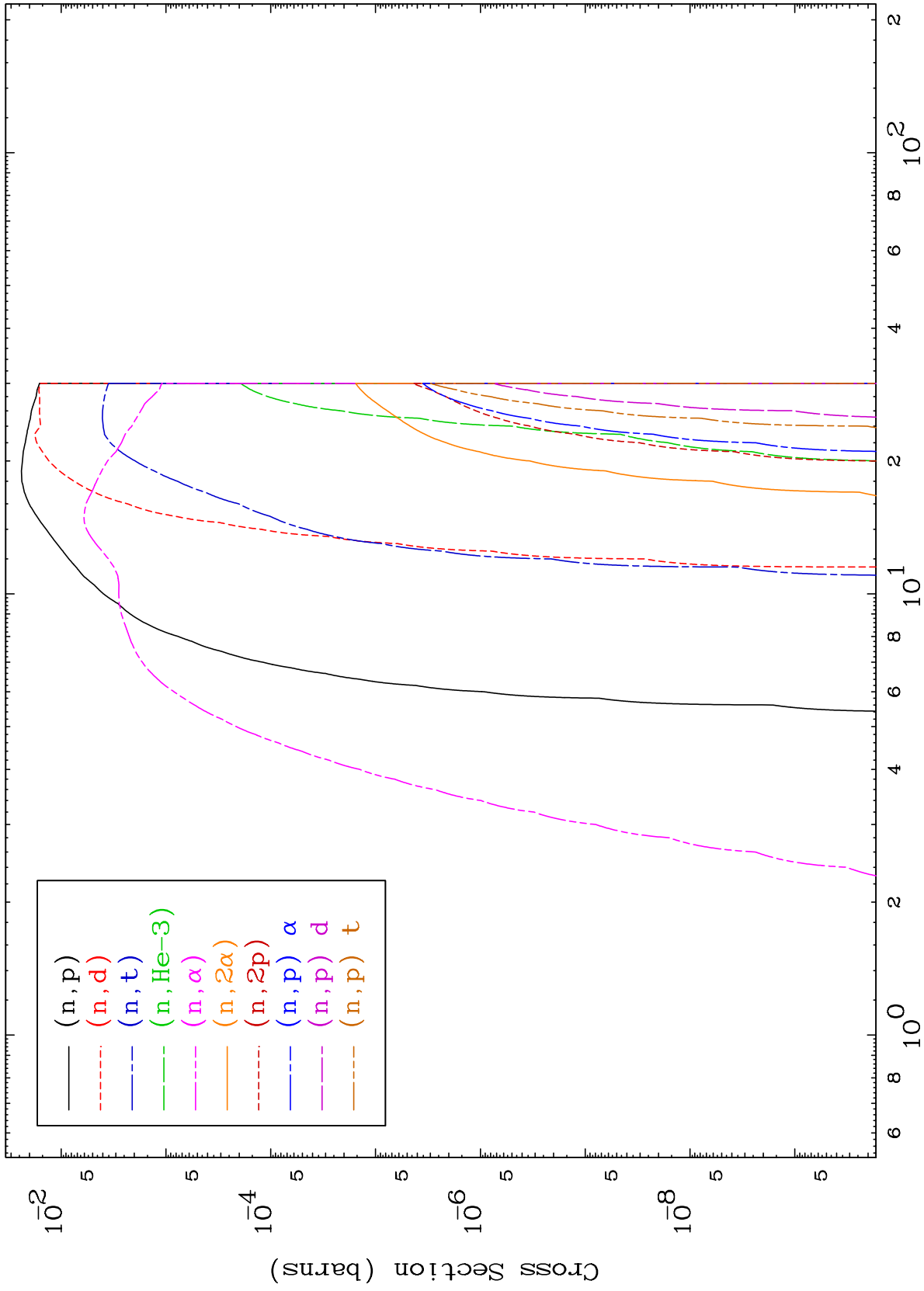
18-Ar-41



4

Incident Energy (MeV)

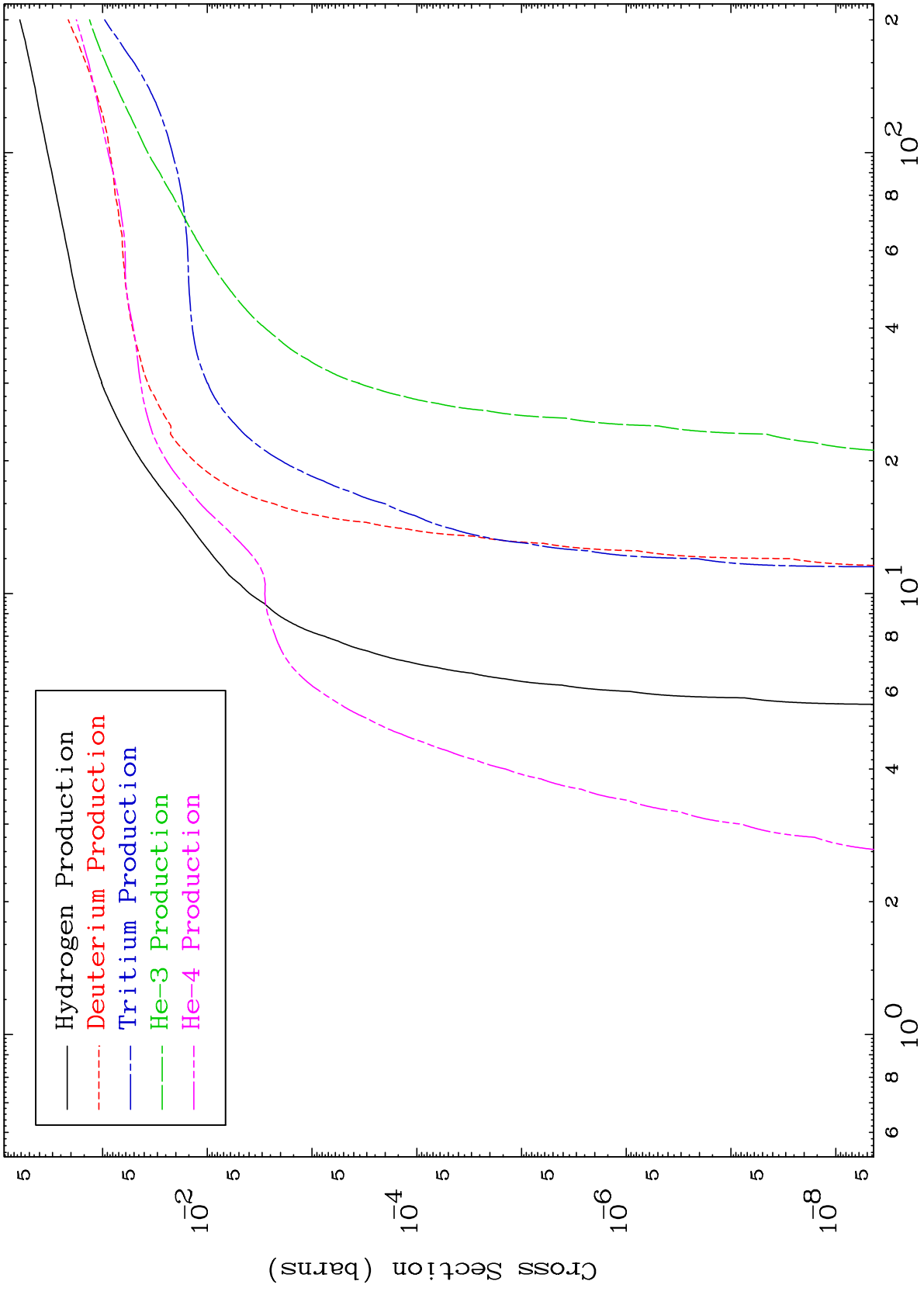
18-Ar-41



MAT 1840

Particle Production  
293 Kelvin Cross Sections

18-Ar-41



6

Incident Energy (MeV)

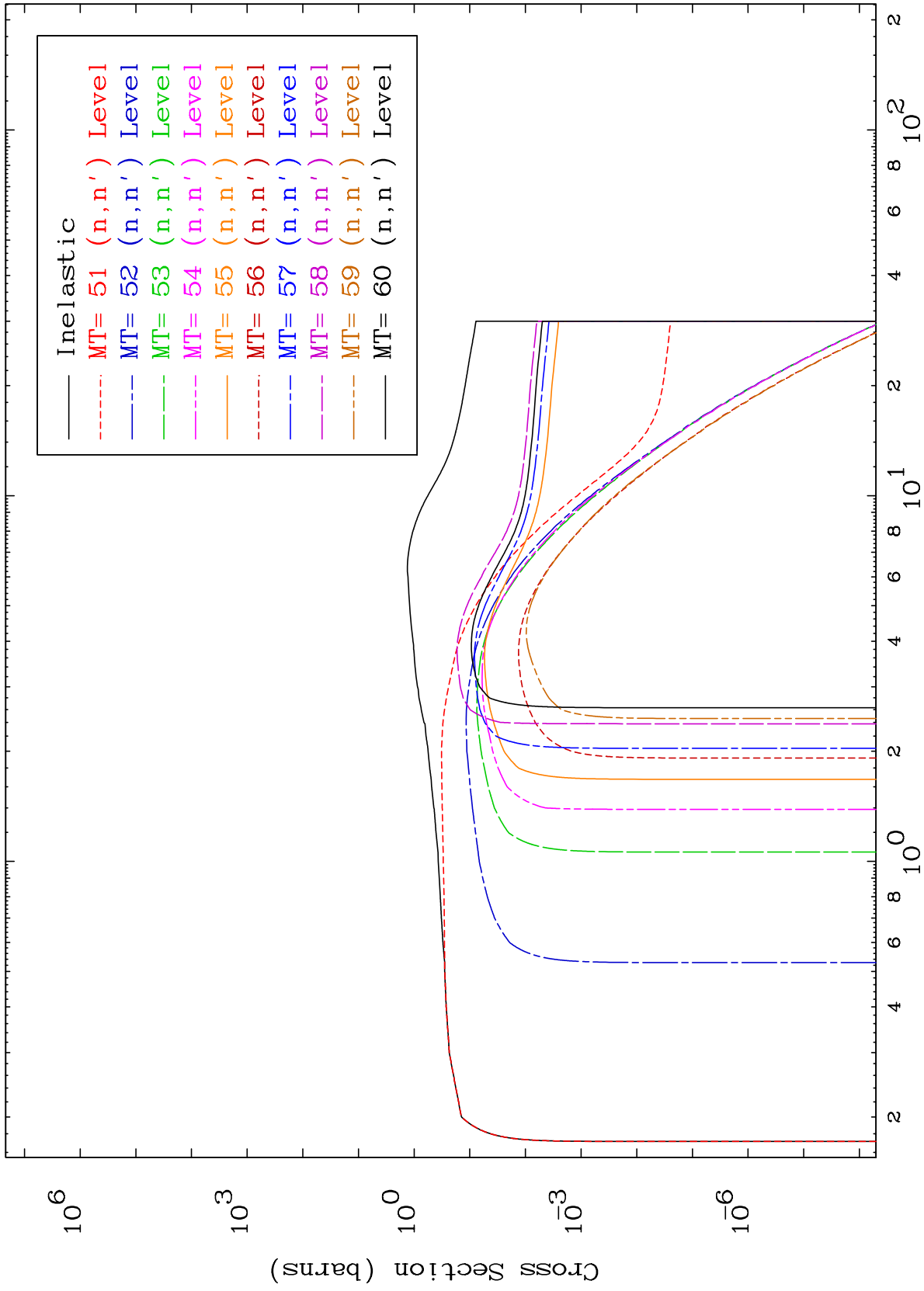
18-Ar-41

MAT 1840

(n,n') Level

18-Ar-41

293 Kelvin Cross Sections



7

Incident Energy (MeV)

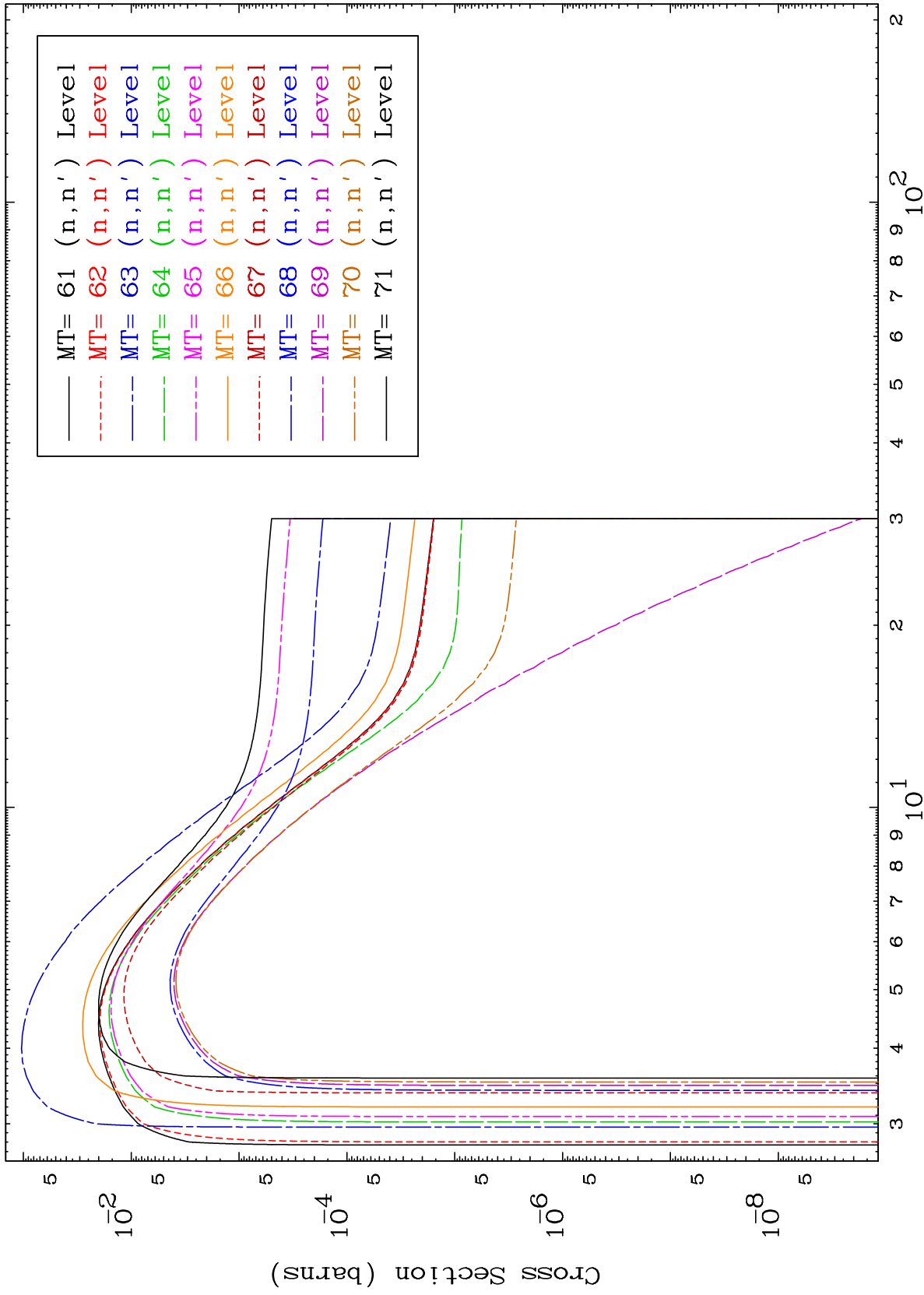
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MAT 1840

(n,n') Level

18-Ar-41

293 Kelvin Cross Sections



8

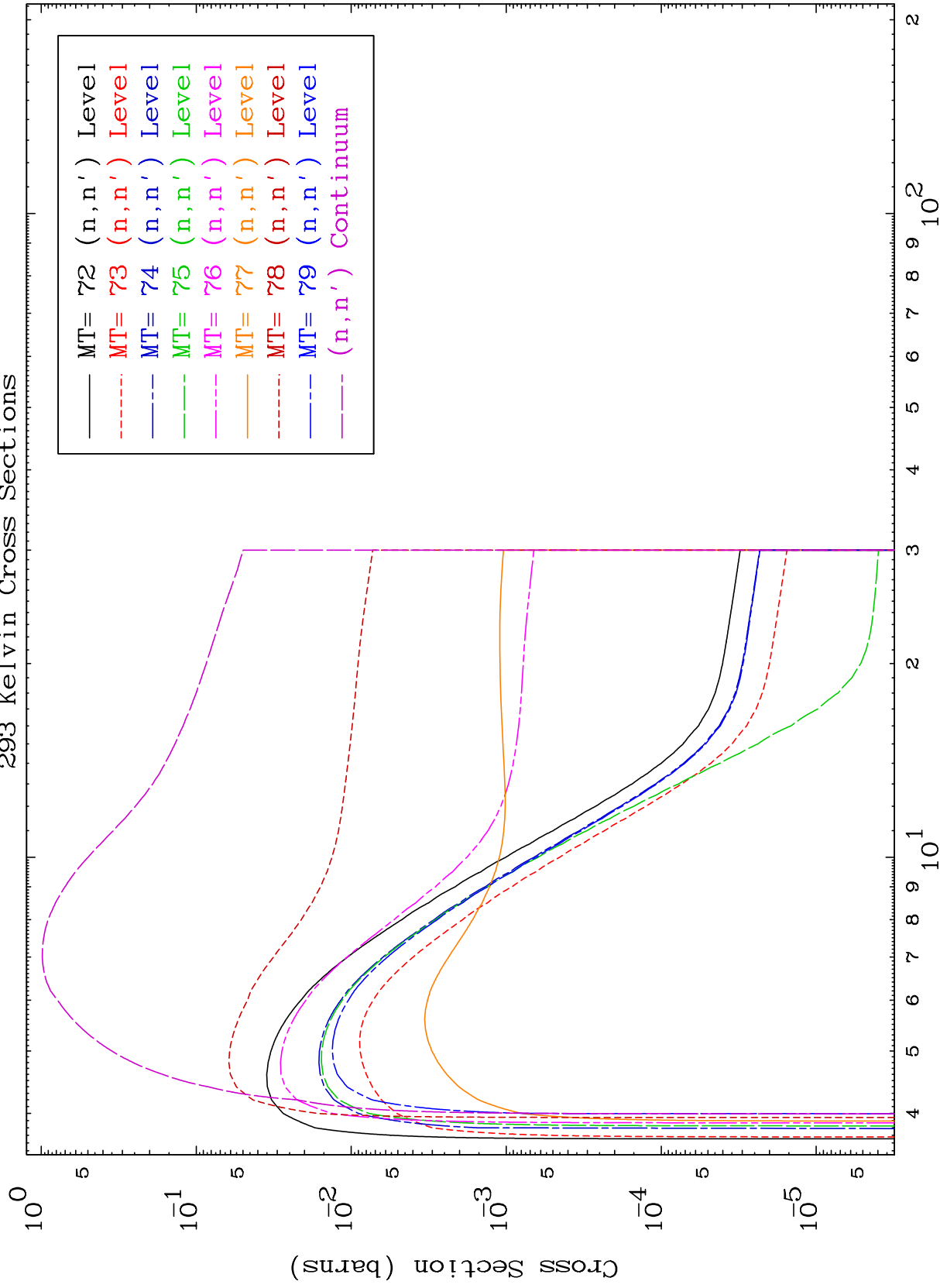
Incident Energy (MeV)

18-Ar-41

MAT 1840

(n,n') Level  
293 Kelvin Cross Sections

18-Ar-41



9

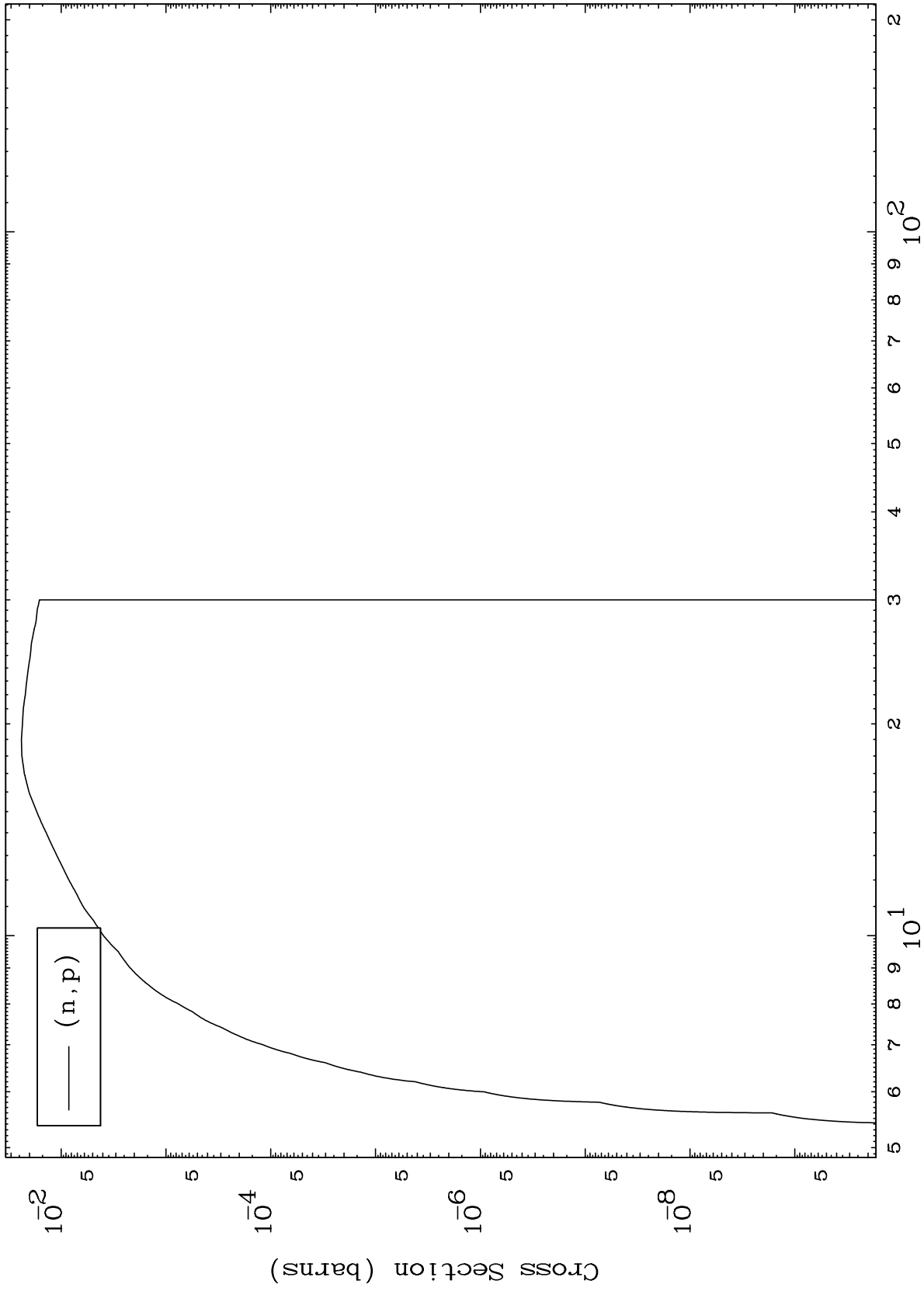
Incident Energy (MeV)

18-Ar-41

MAT 1840

(n,p) Levels  
293 Kelvin Cross Sections

18-Ar-41



10

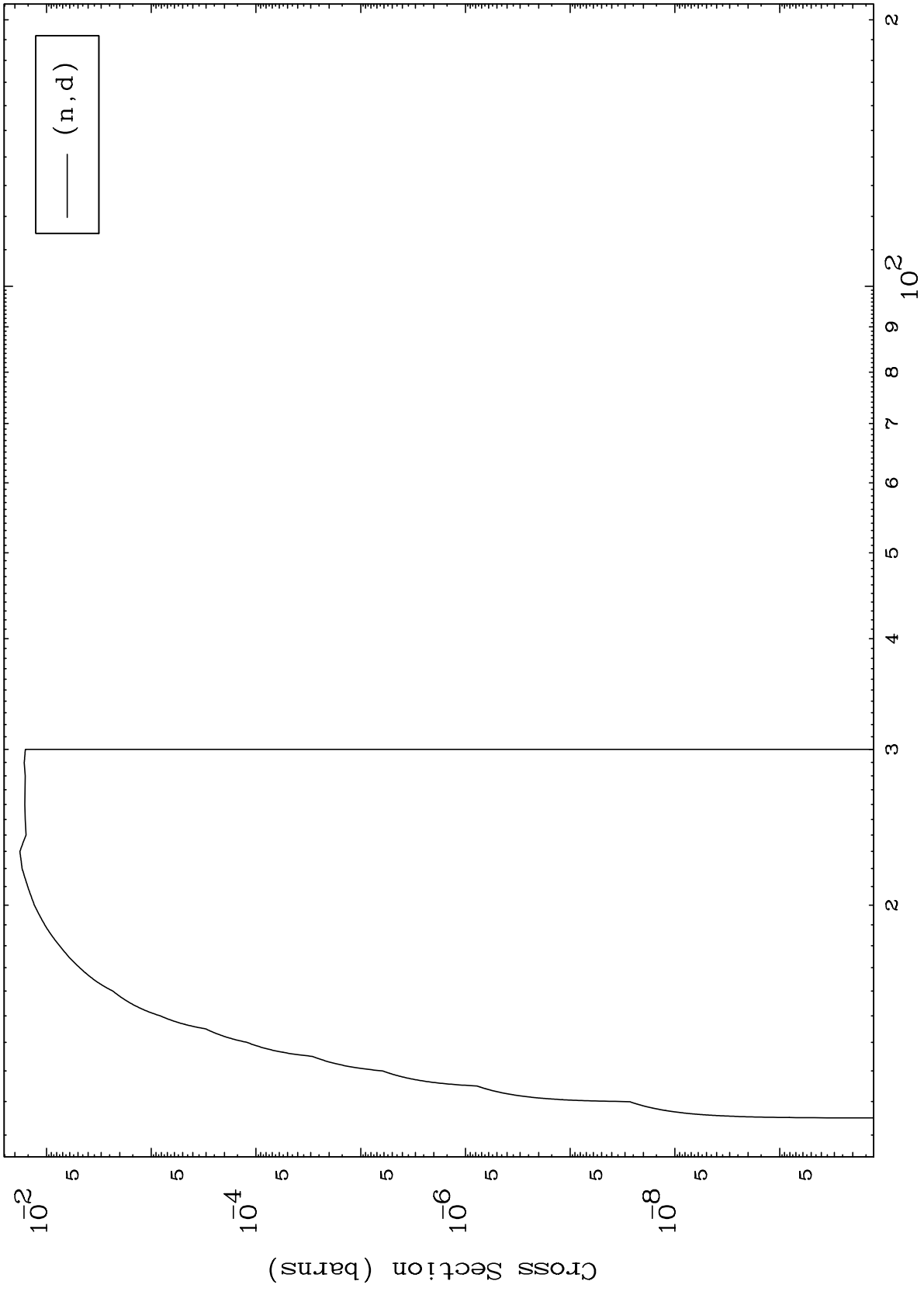
Incident Energy (MeV)

18-Ar-41

MAT 1840

(n,d) Levels  
293 Kelvin Cross Sections

18-Ar-41



11

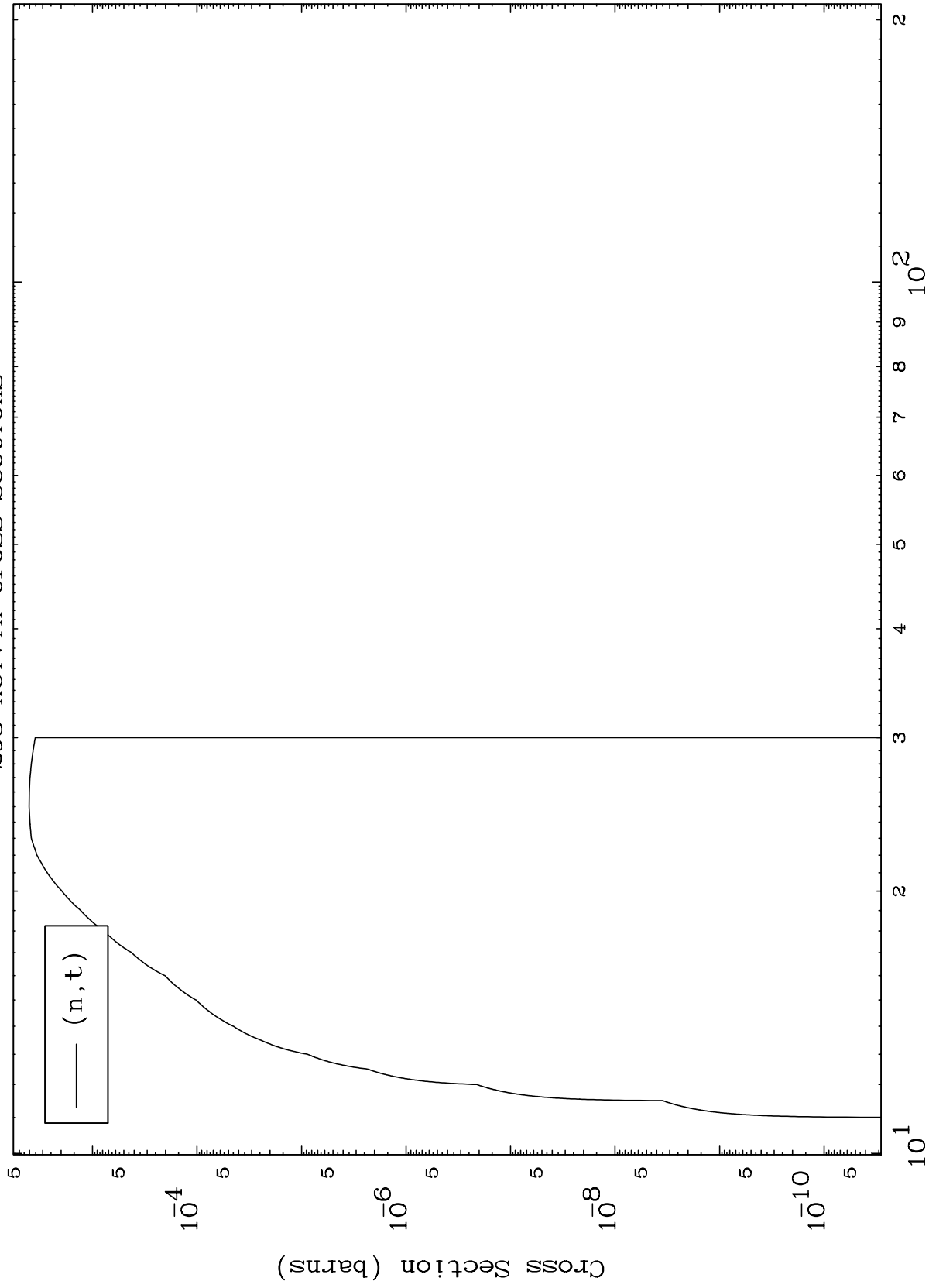
Incident Energy (MeV)

18-Ar-41

MAT 1840

(n,t) Levels  
293 Kelvin Cross Sections

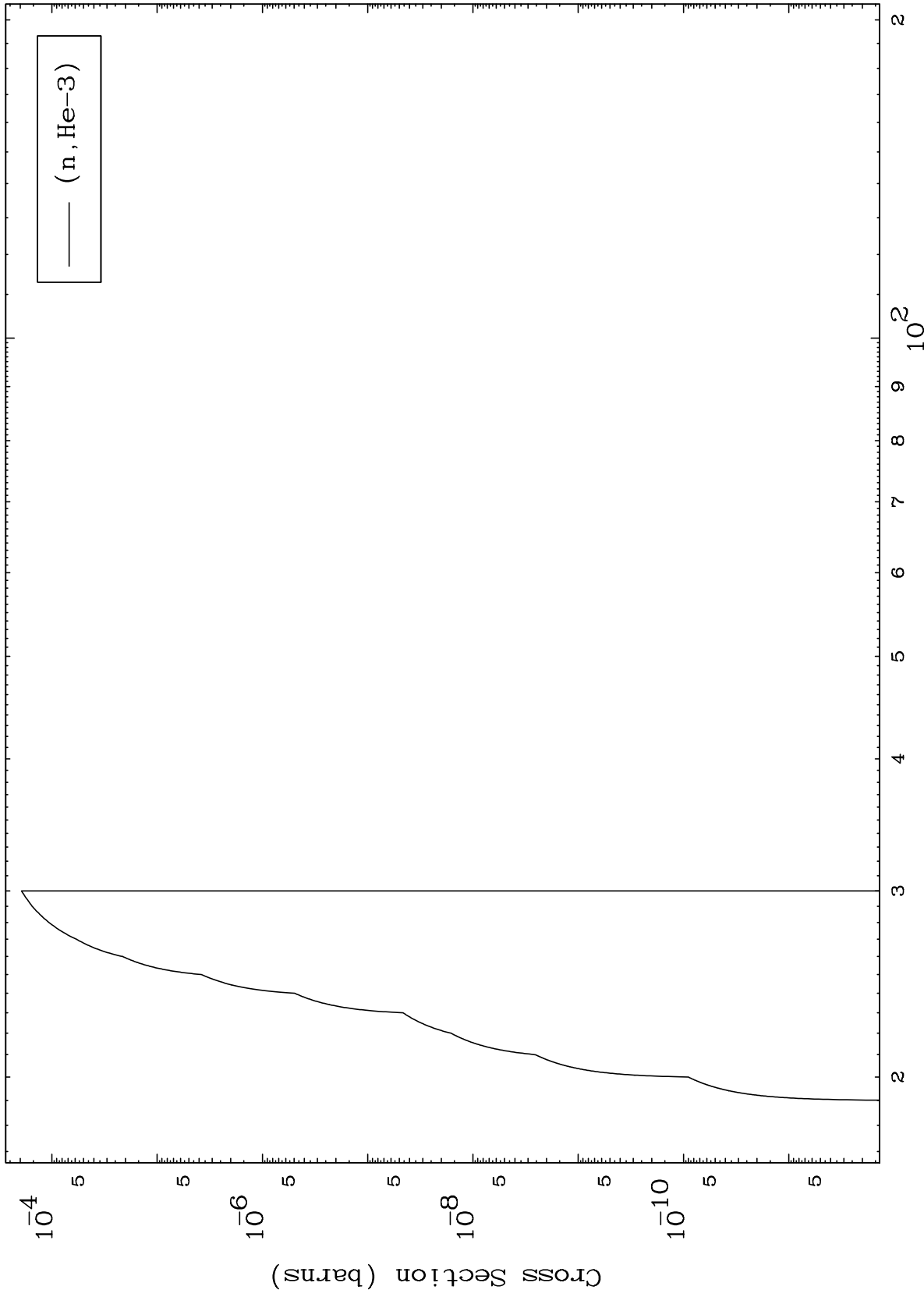
18-Ar-41



12

Incident Energy (MeV)

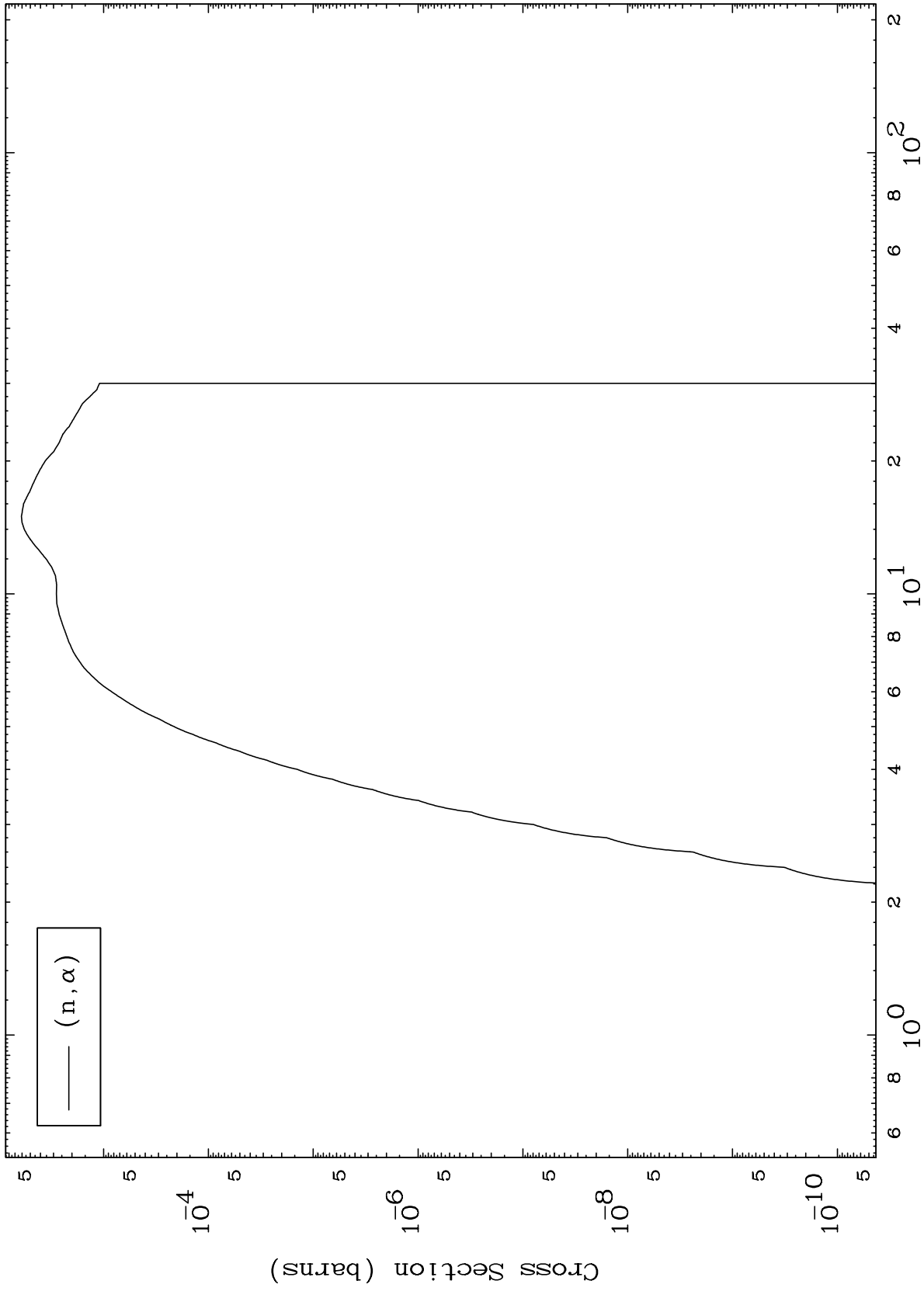
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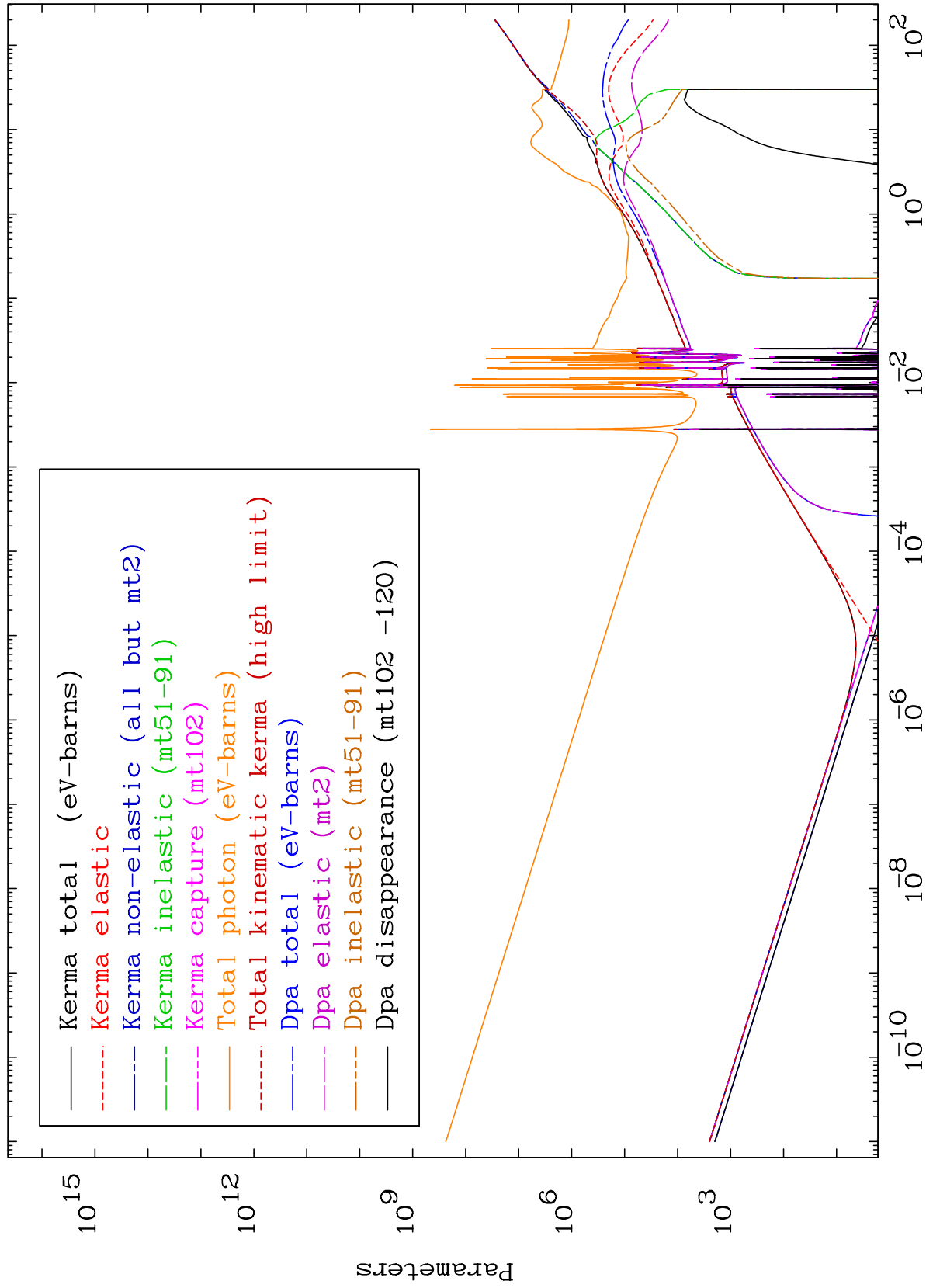


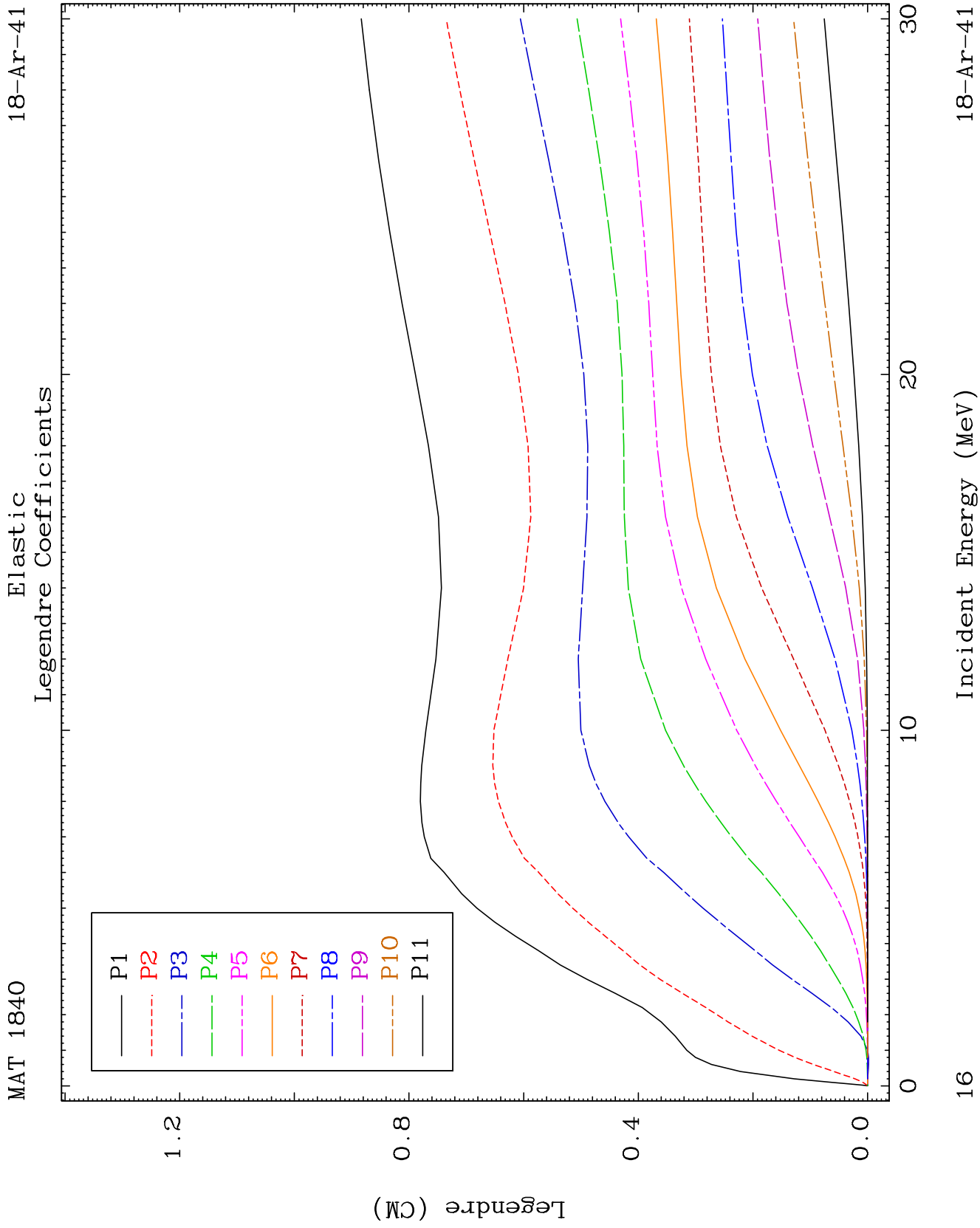
MAT 1840

(n,α) Levels  
293 Kelvin Cross Sections

18-Ar-41



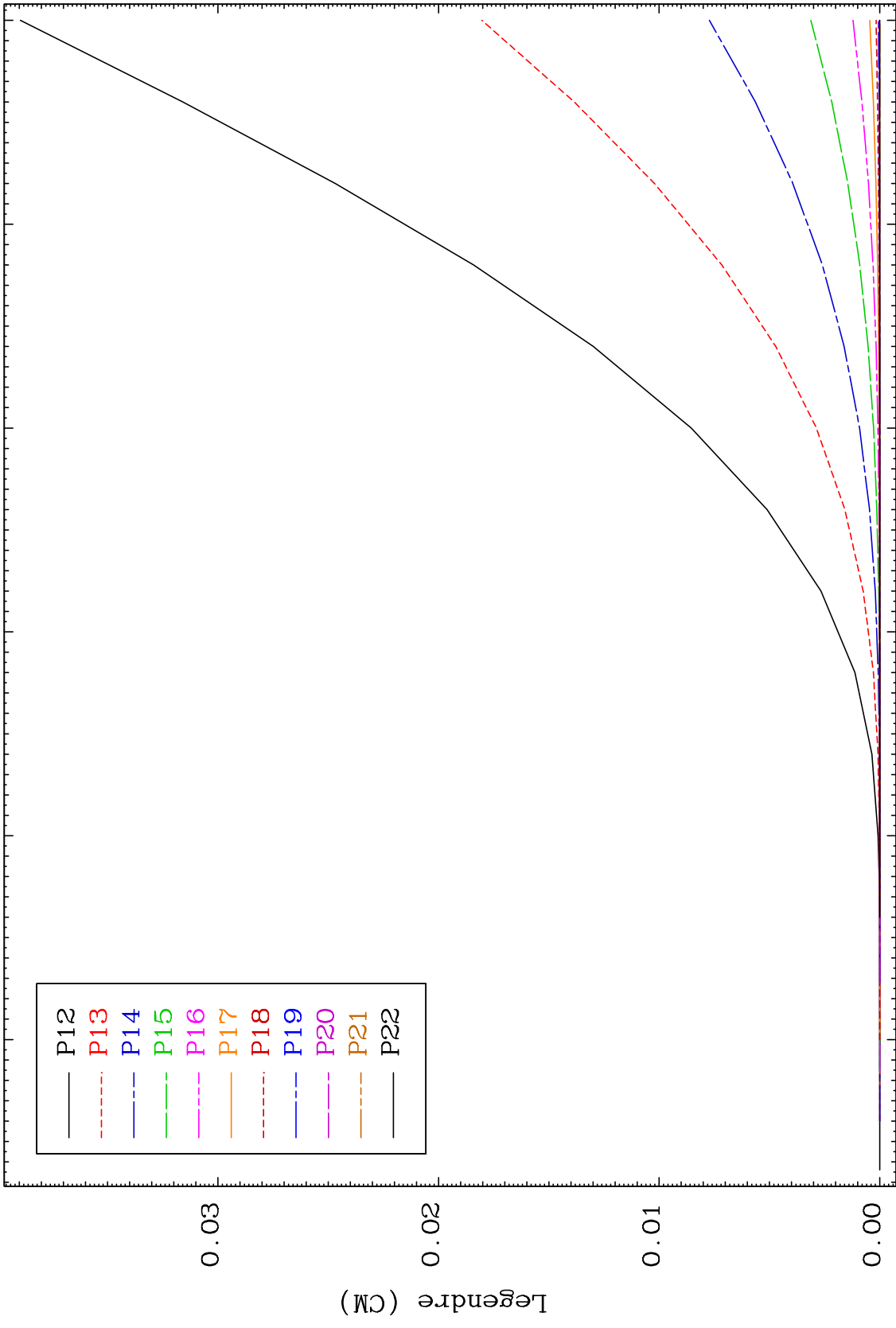




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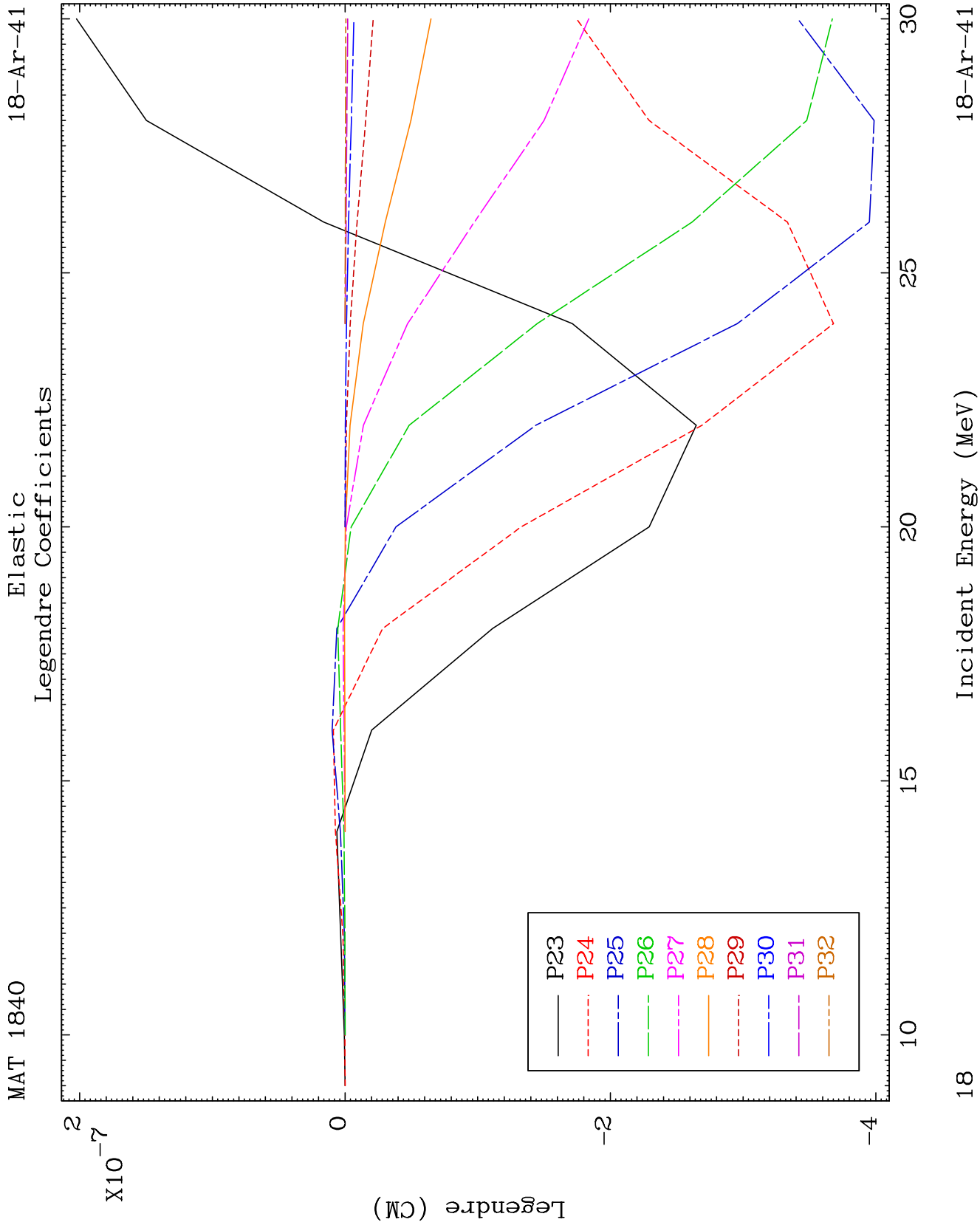
Elastic Legendre Coefficients

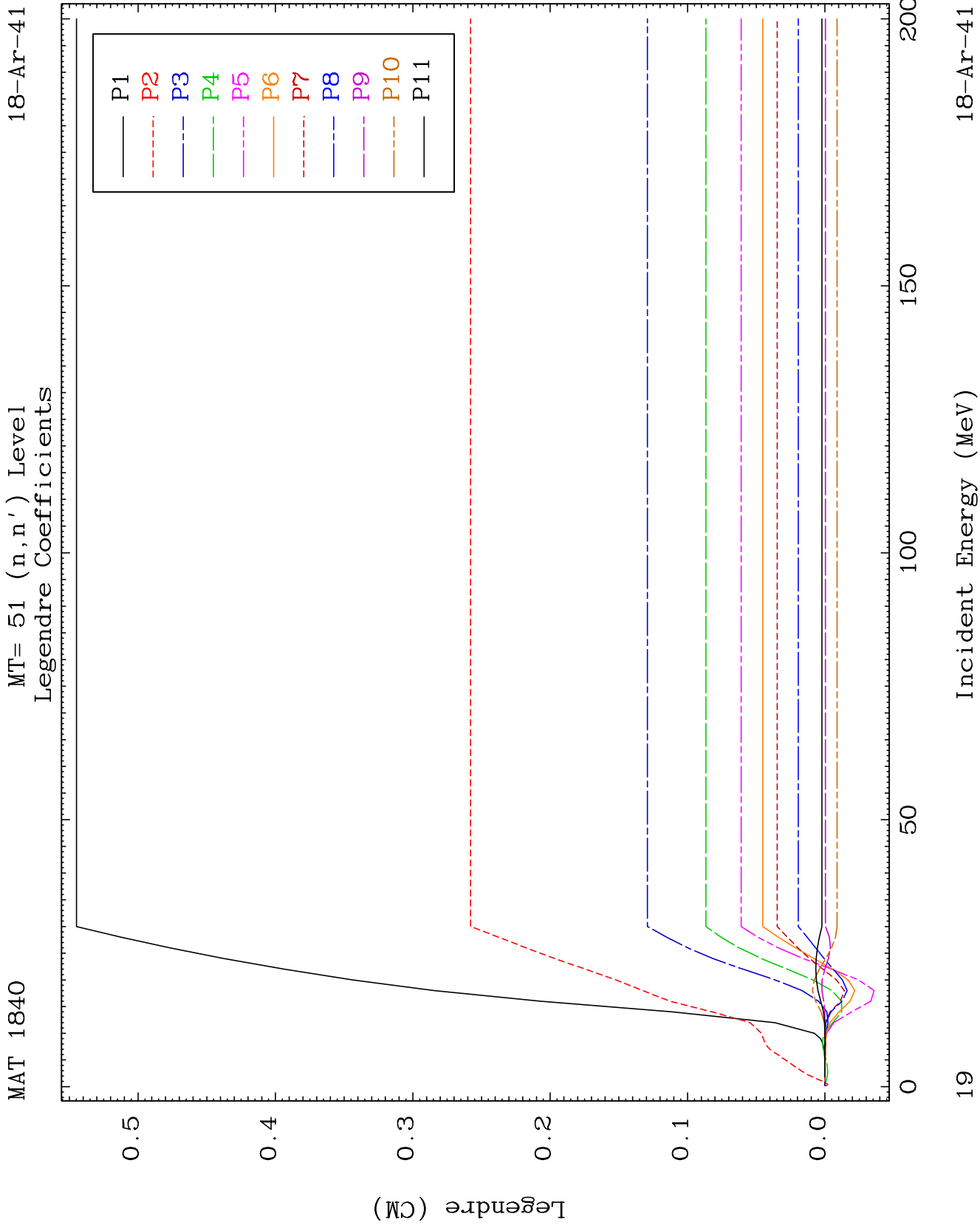
18-Ar-41



17

18-Ar-41

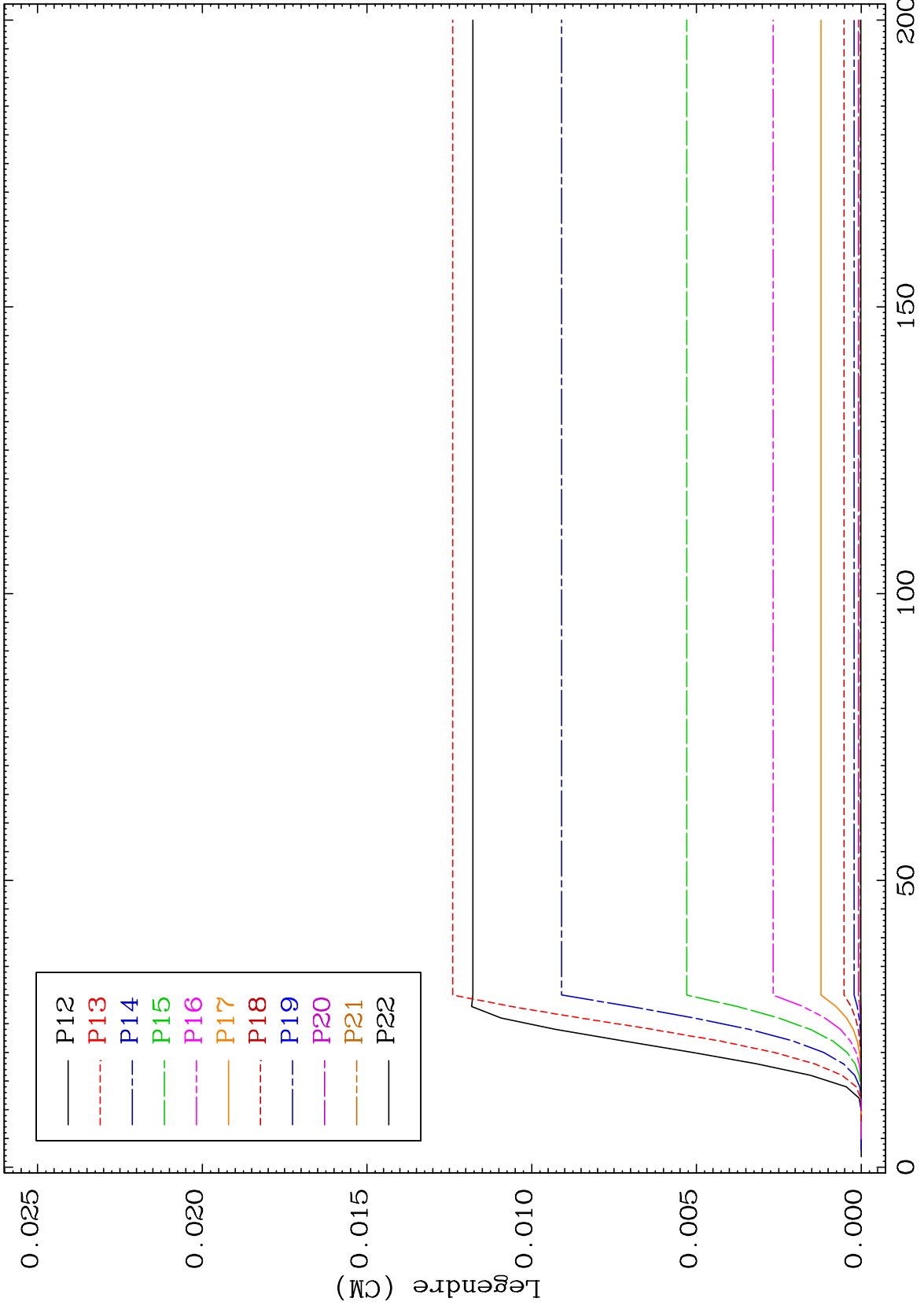




MAT 1840

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

18-Ar-41



20

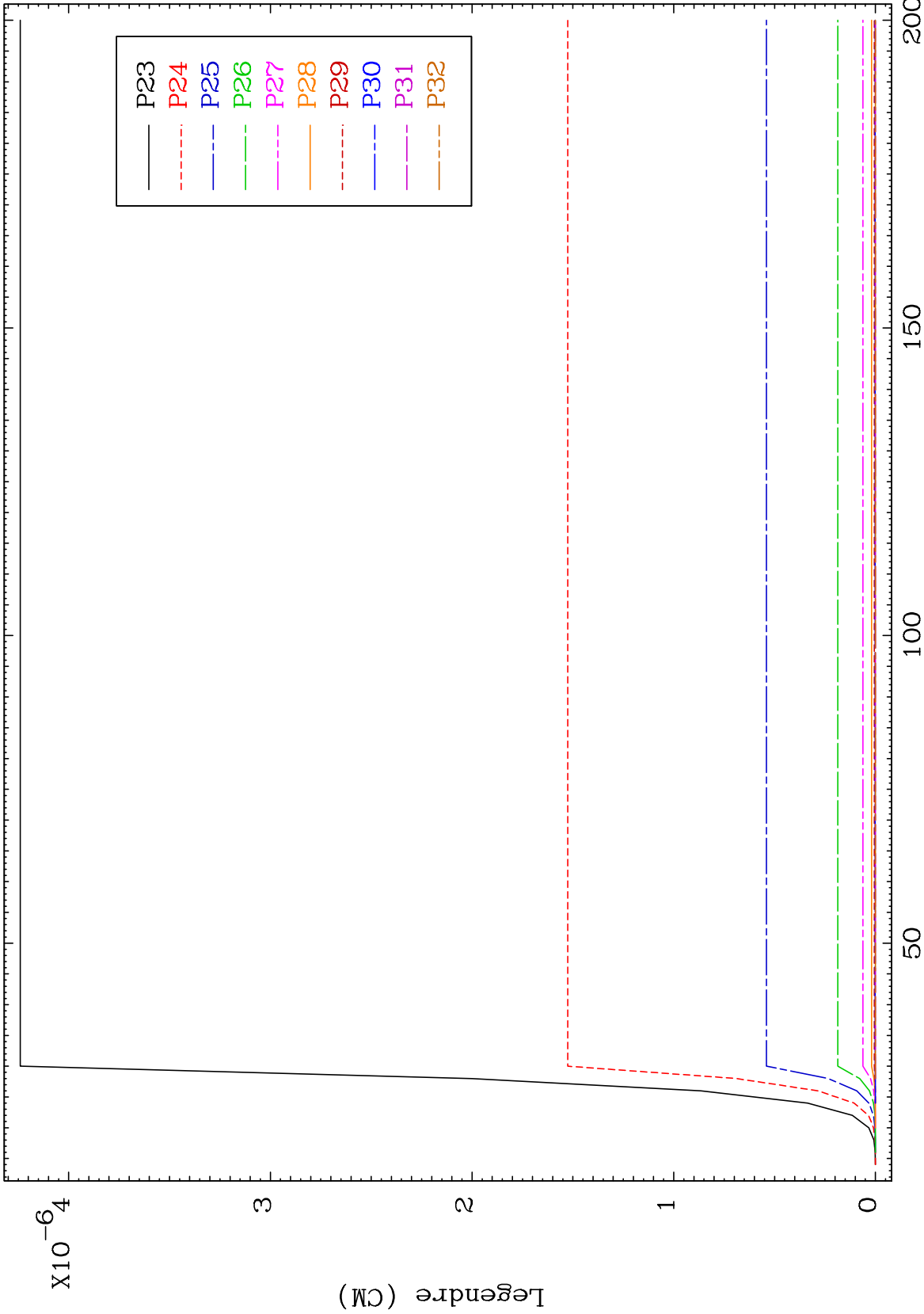
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41

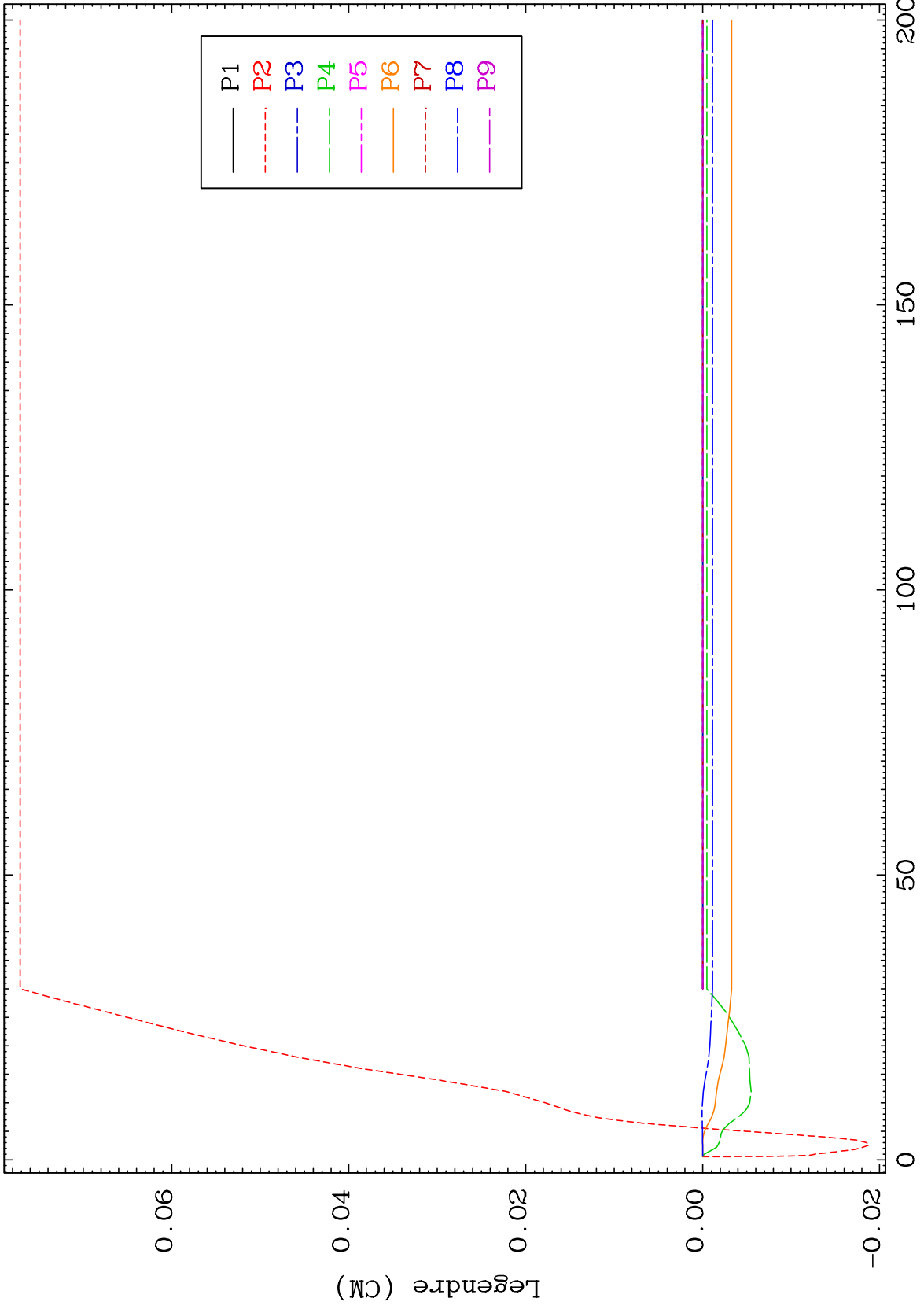


21

Incident Energy (MeV)

18-Ar-41

MAT 1840 MT= 52 (n,n') Level Legendre Coefficients 18-Ar-41

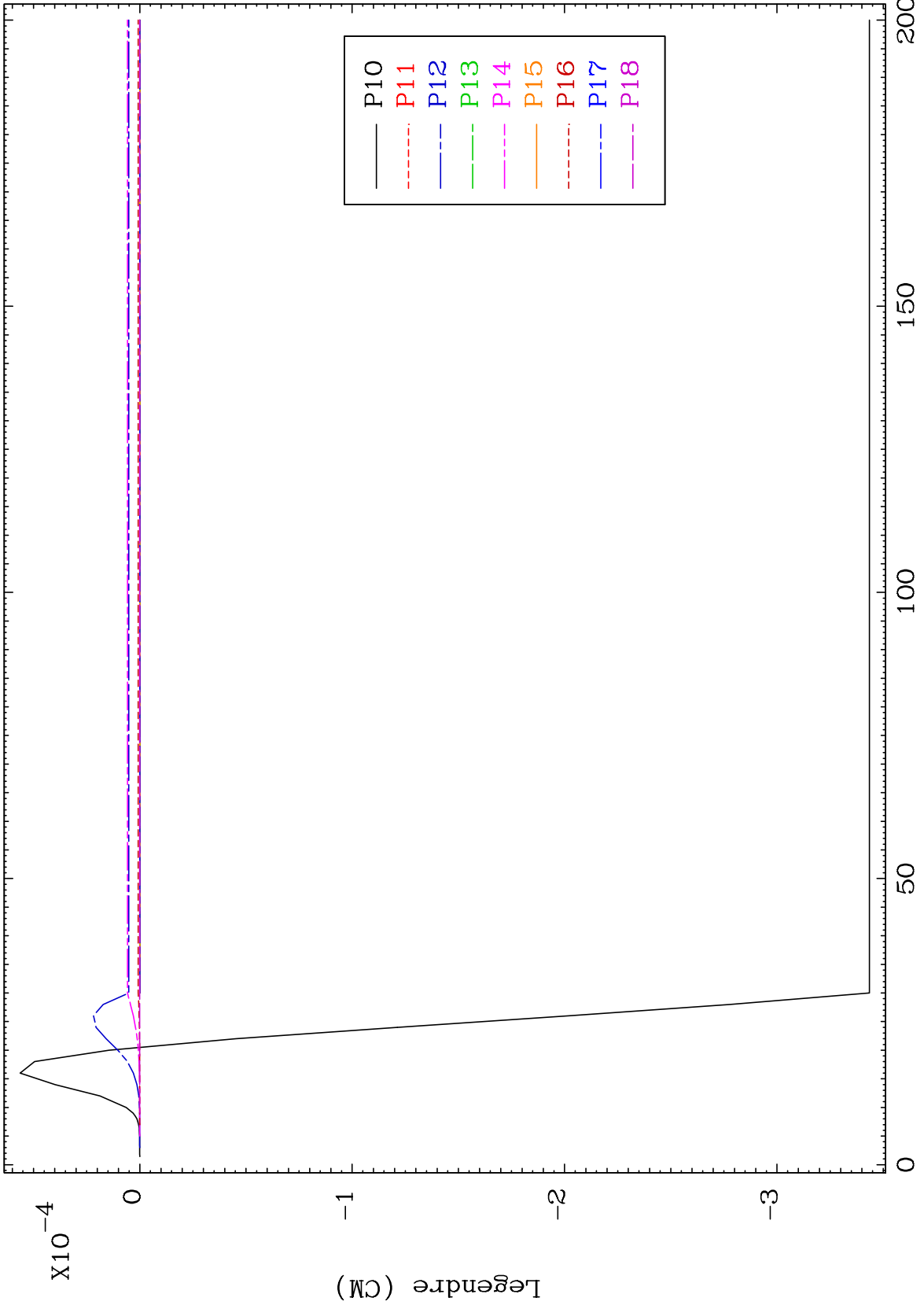


22 Incident Energy (MeV) 18-Ar-41

MAT 1840

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

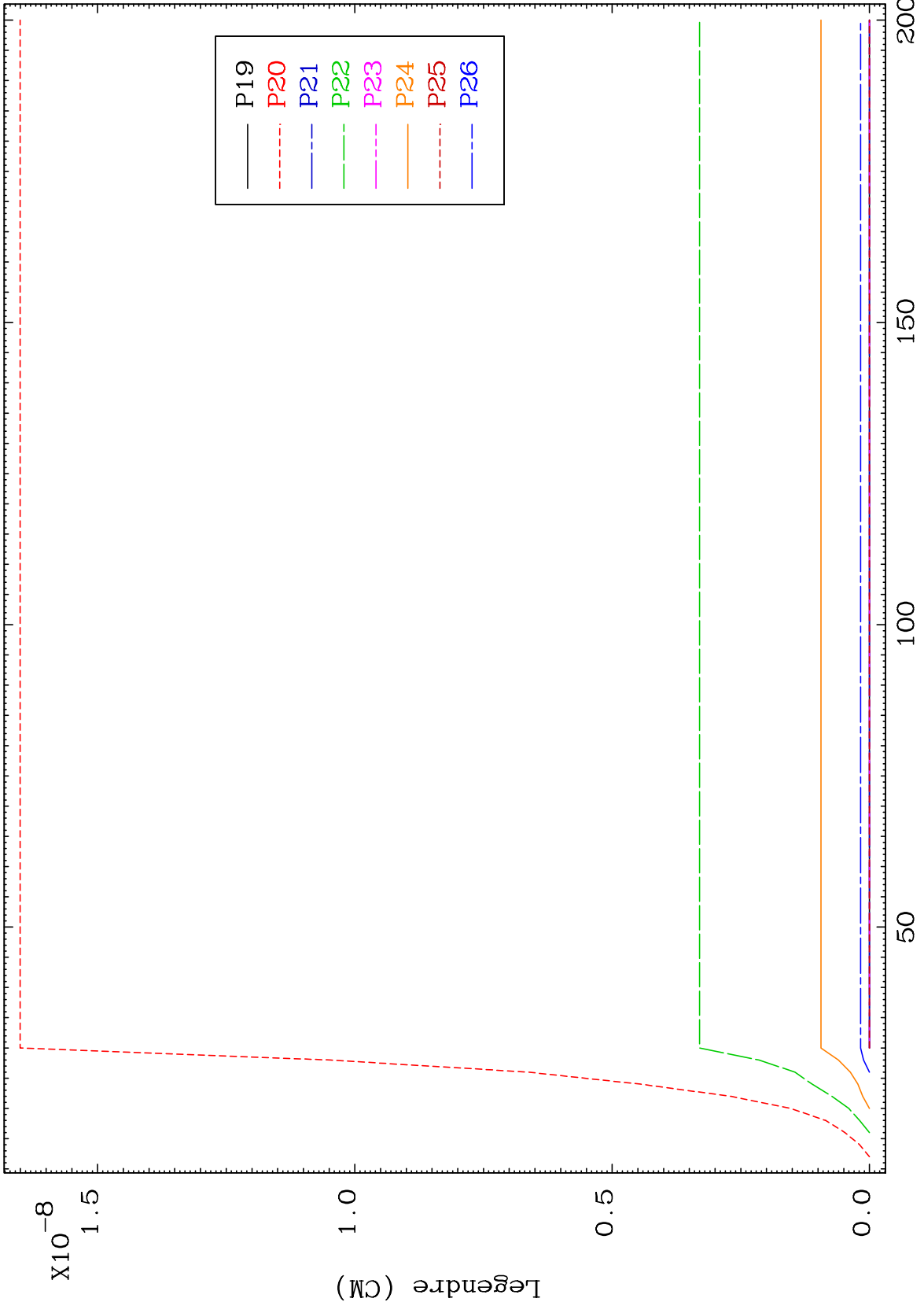
18-Ar-41



23

18-Ar-41

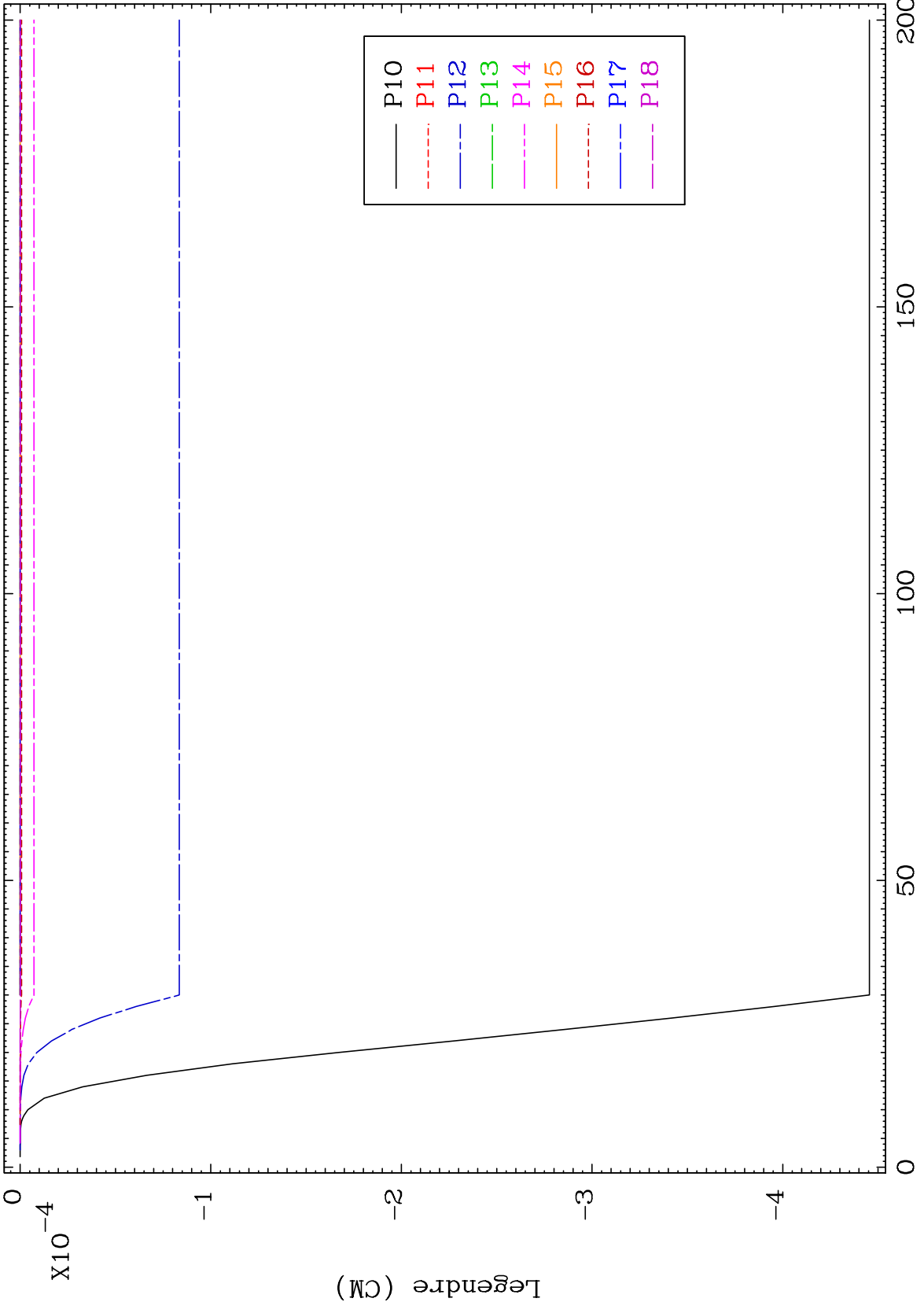
MAT 1840 MT= 52 (n,n') Level Legendre Coefficients 18-Ar-41



24 Incident Energy (MeV) 18-Ar-41

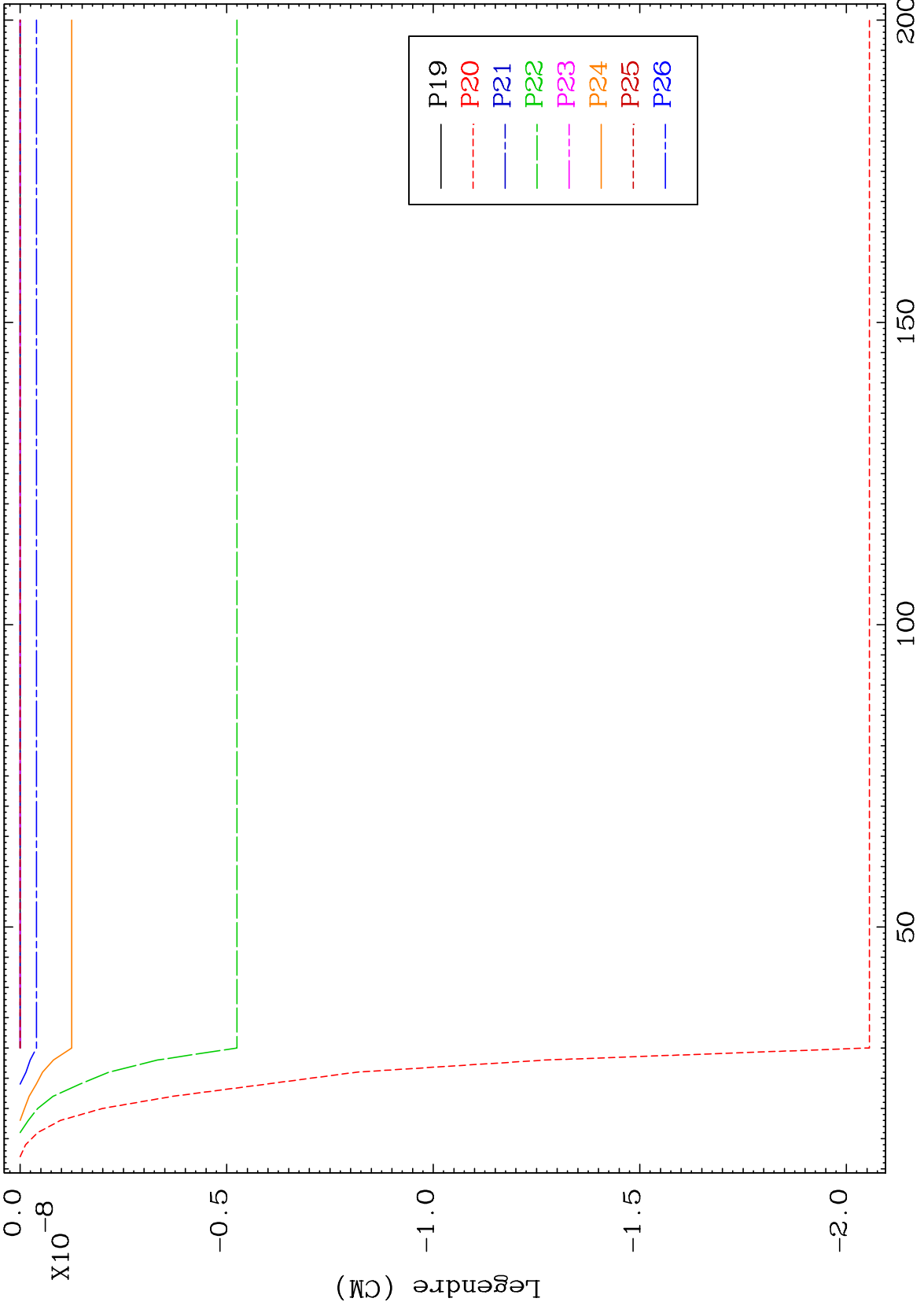


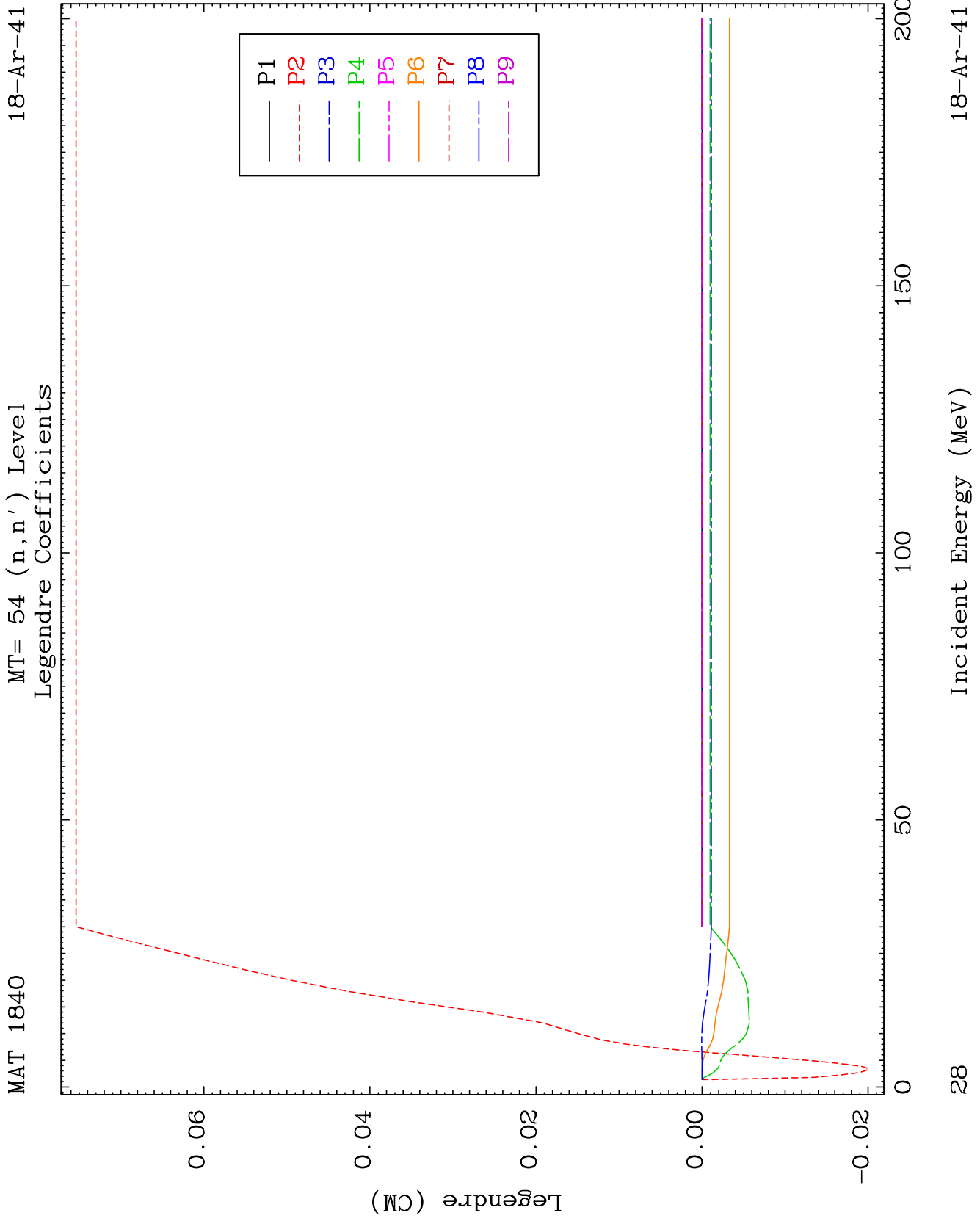
MAT 1840 MT= 53 (n,n') Level Legendre Coefficients 18-Ar-41



26 18-Ar-41

MAT 1840 MT= 53 (n,n') Level Legendre Coefficients 18-Ar-41

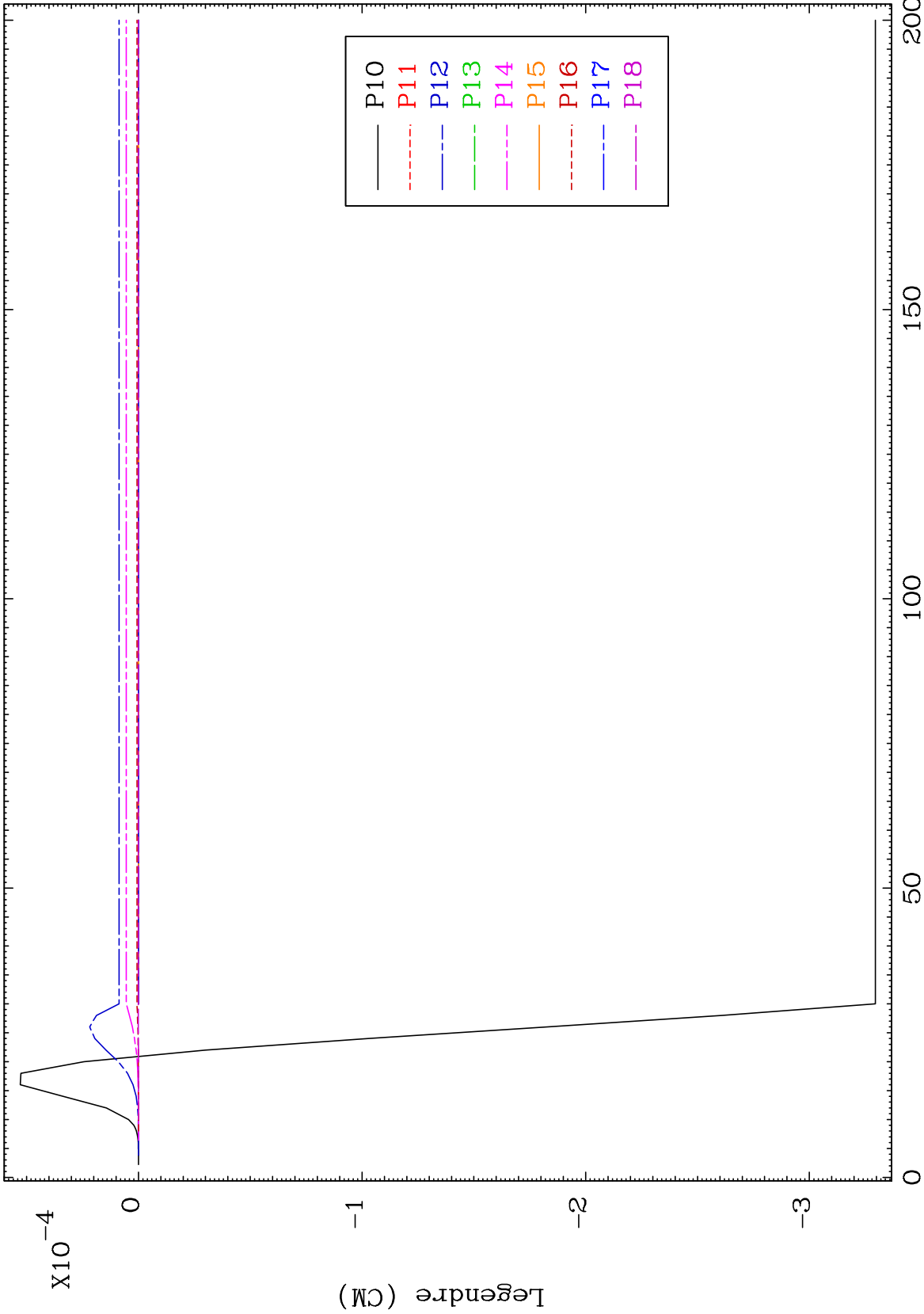




MAT 1840

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

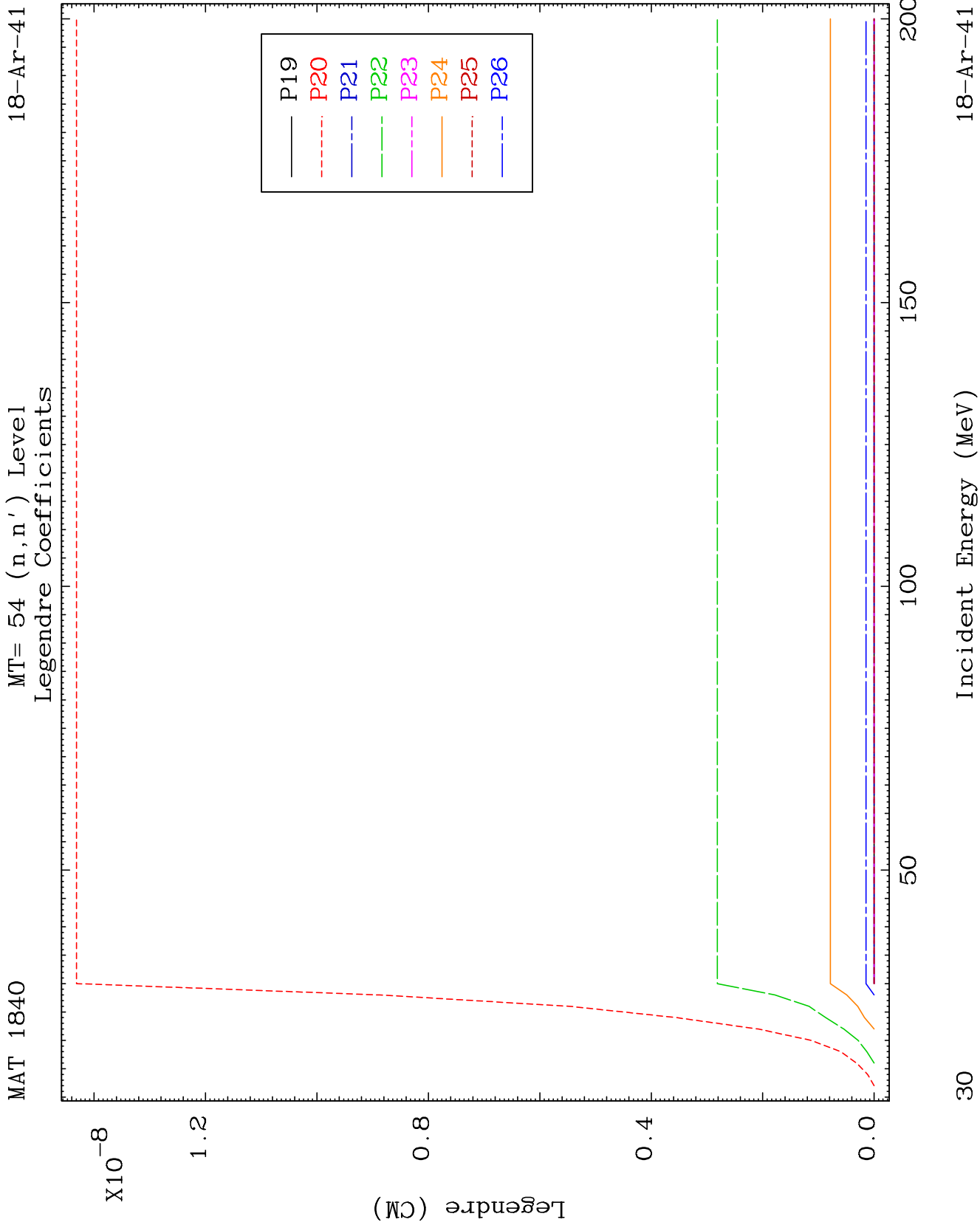
18-Ar-41



29

Incident Energy (MeV)

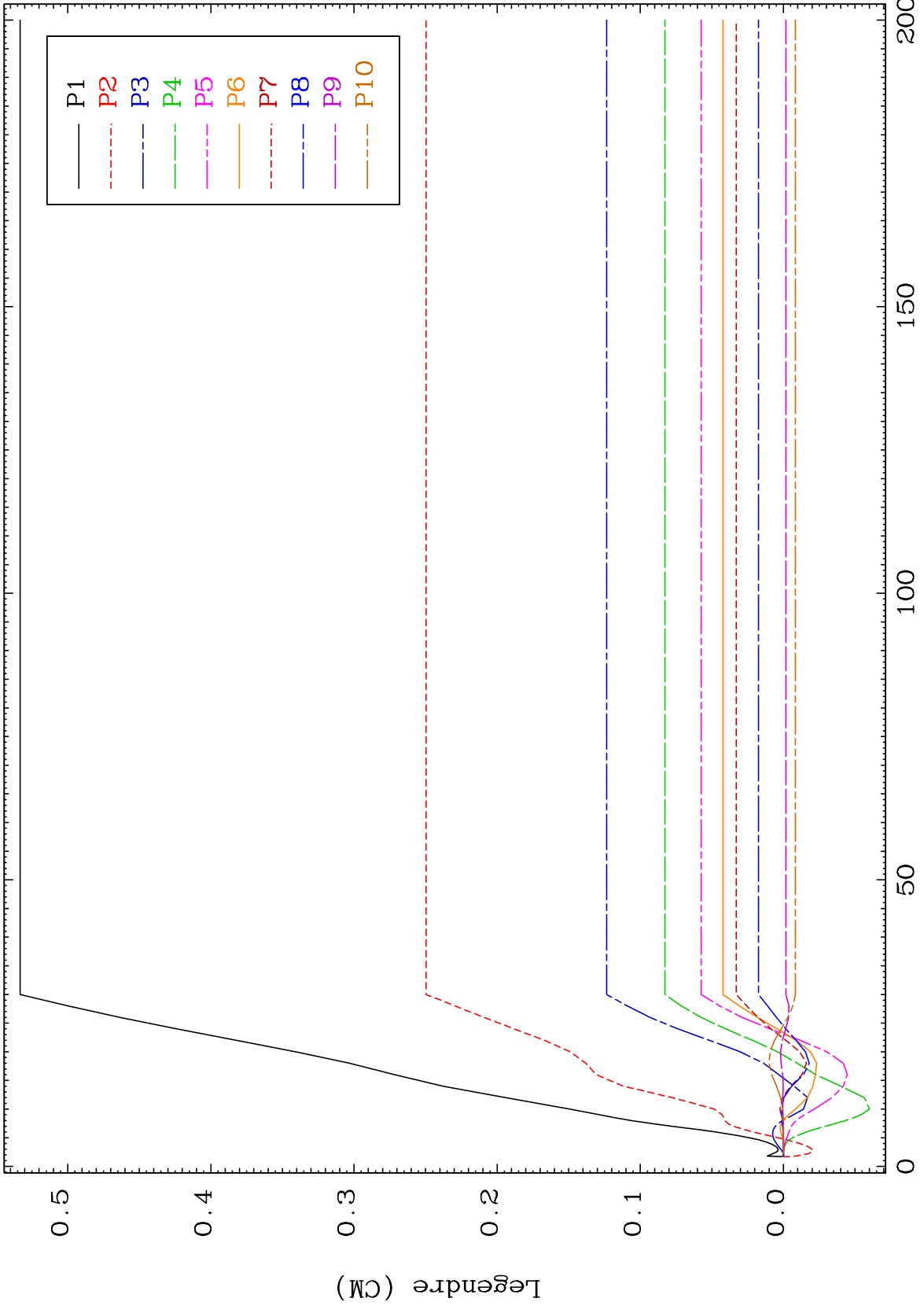
18-Ar-41



MAT 1840

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

18-Ar-41



31

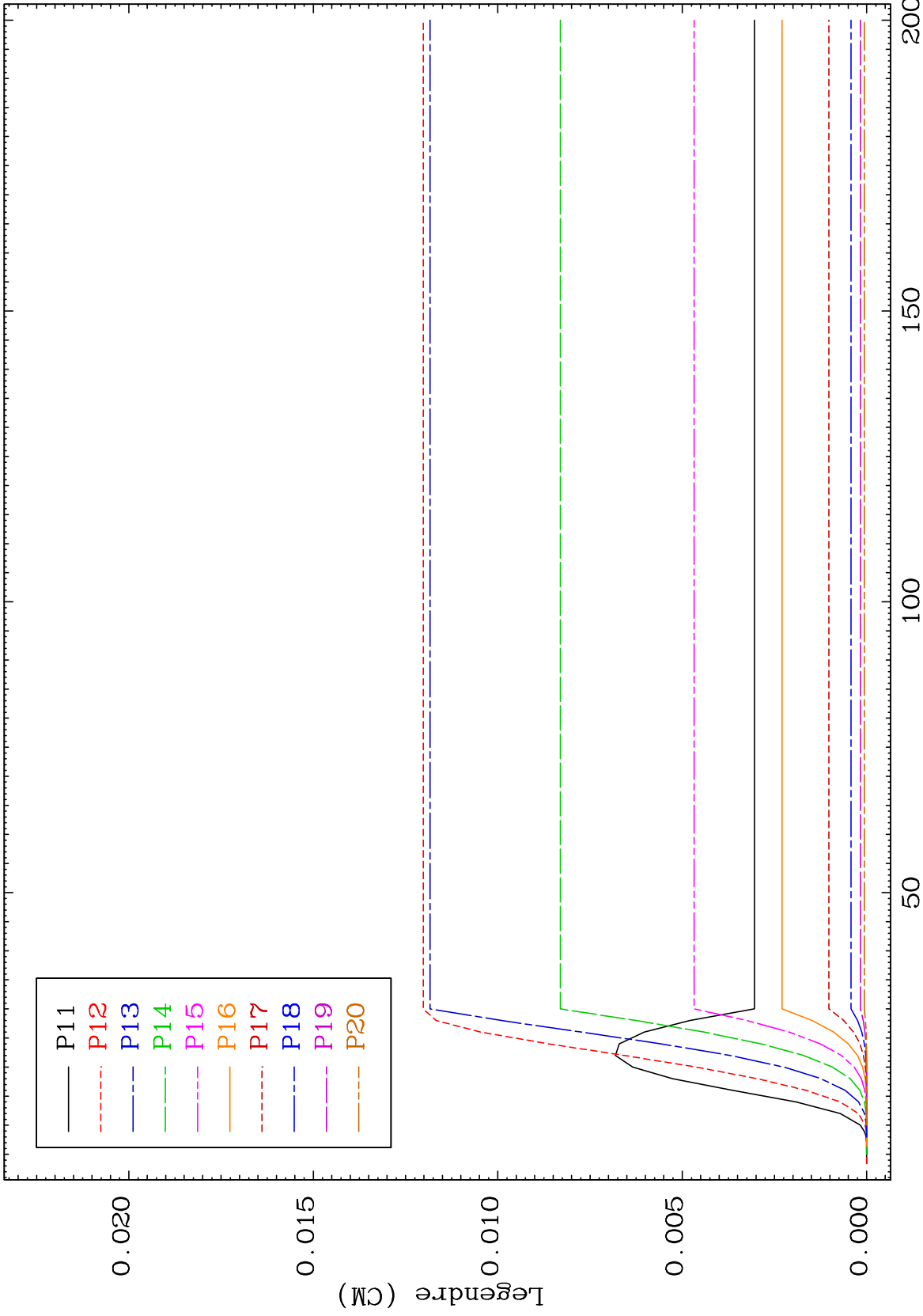
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



32

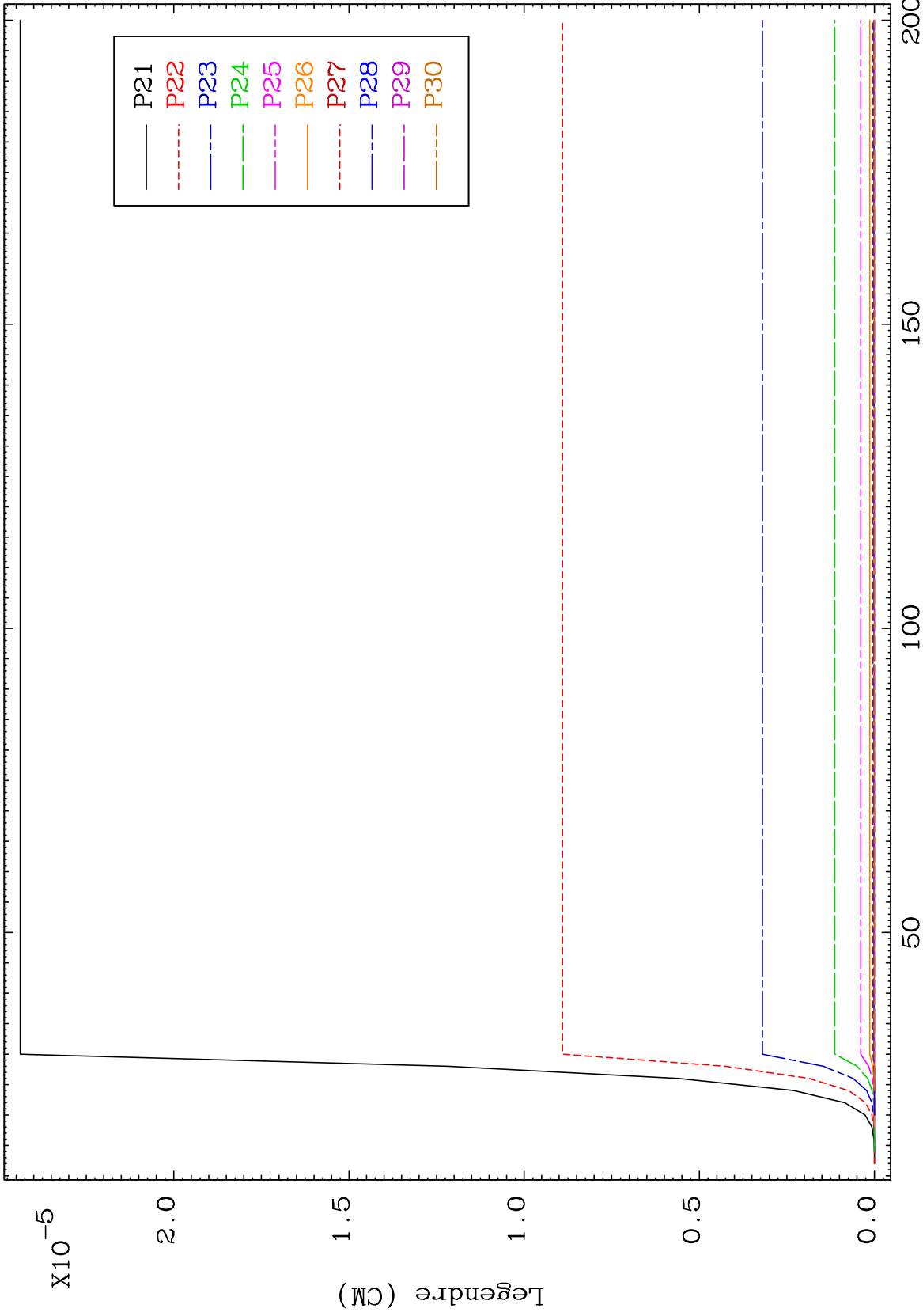
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41

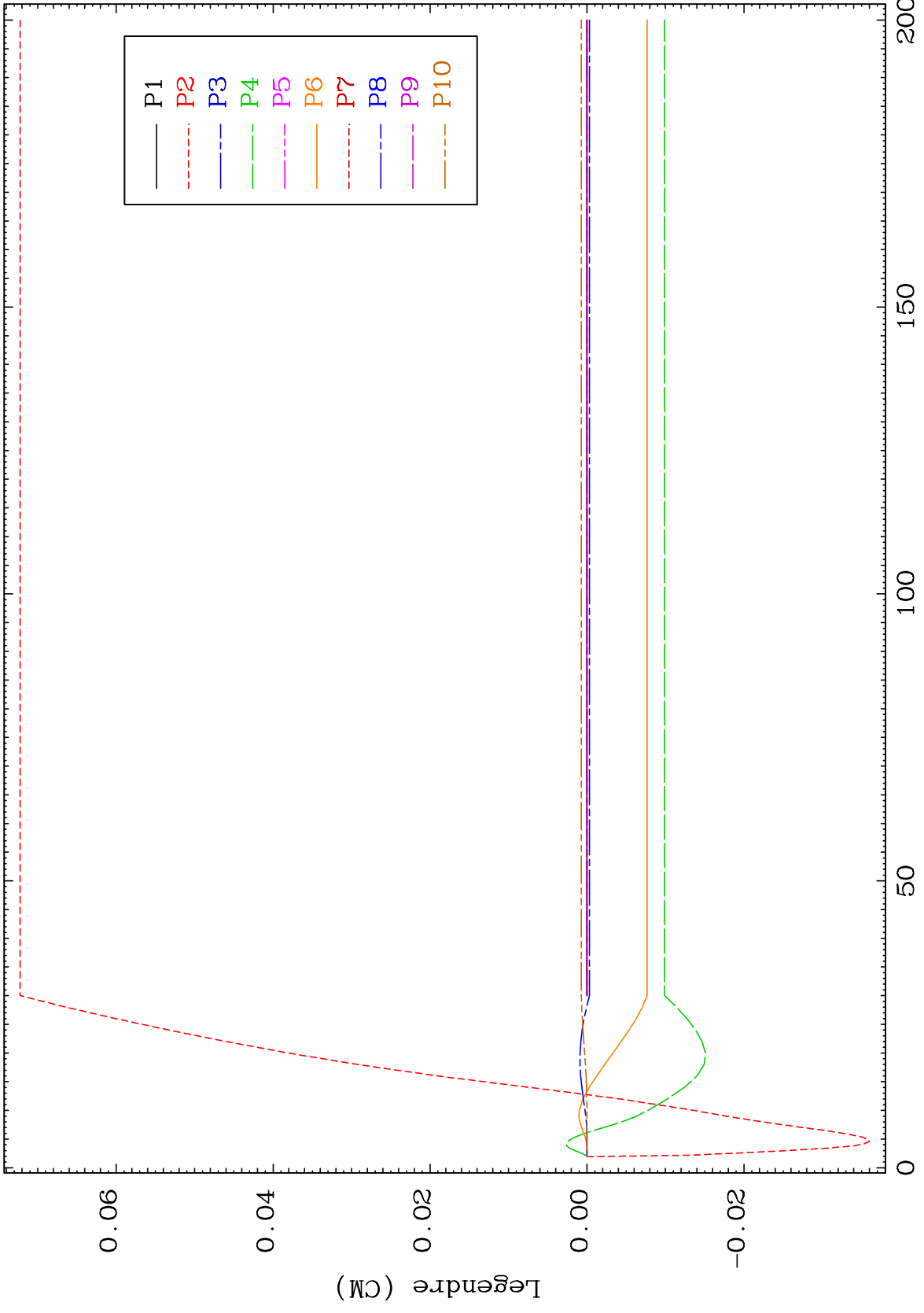


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Incident Energy (MeV)

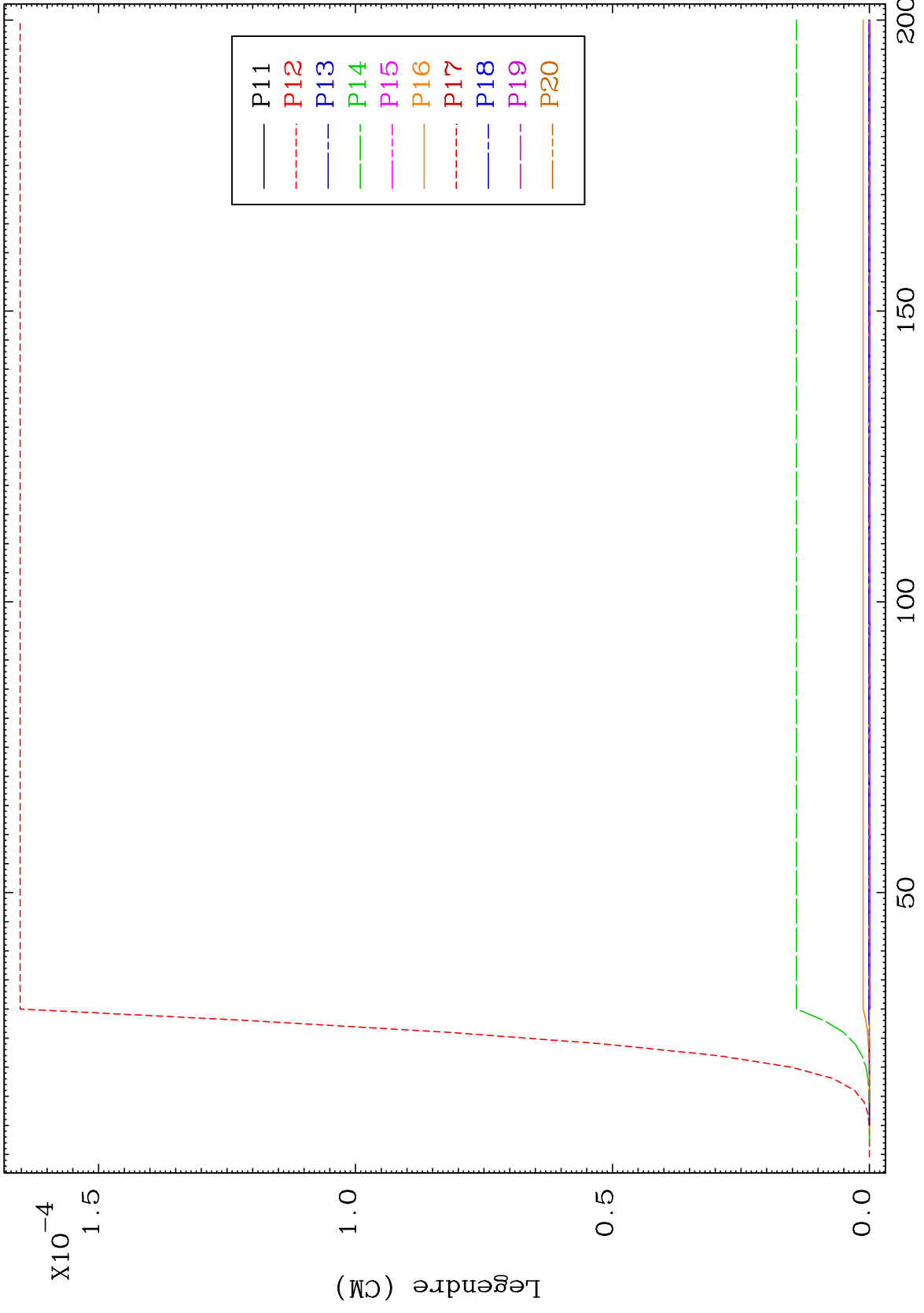
18-Ar-41

MAT 1840 MT= 56 (n,n') Level Legendre Coefficients 18-Ar-41



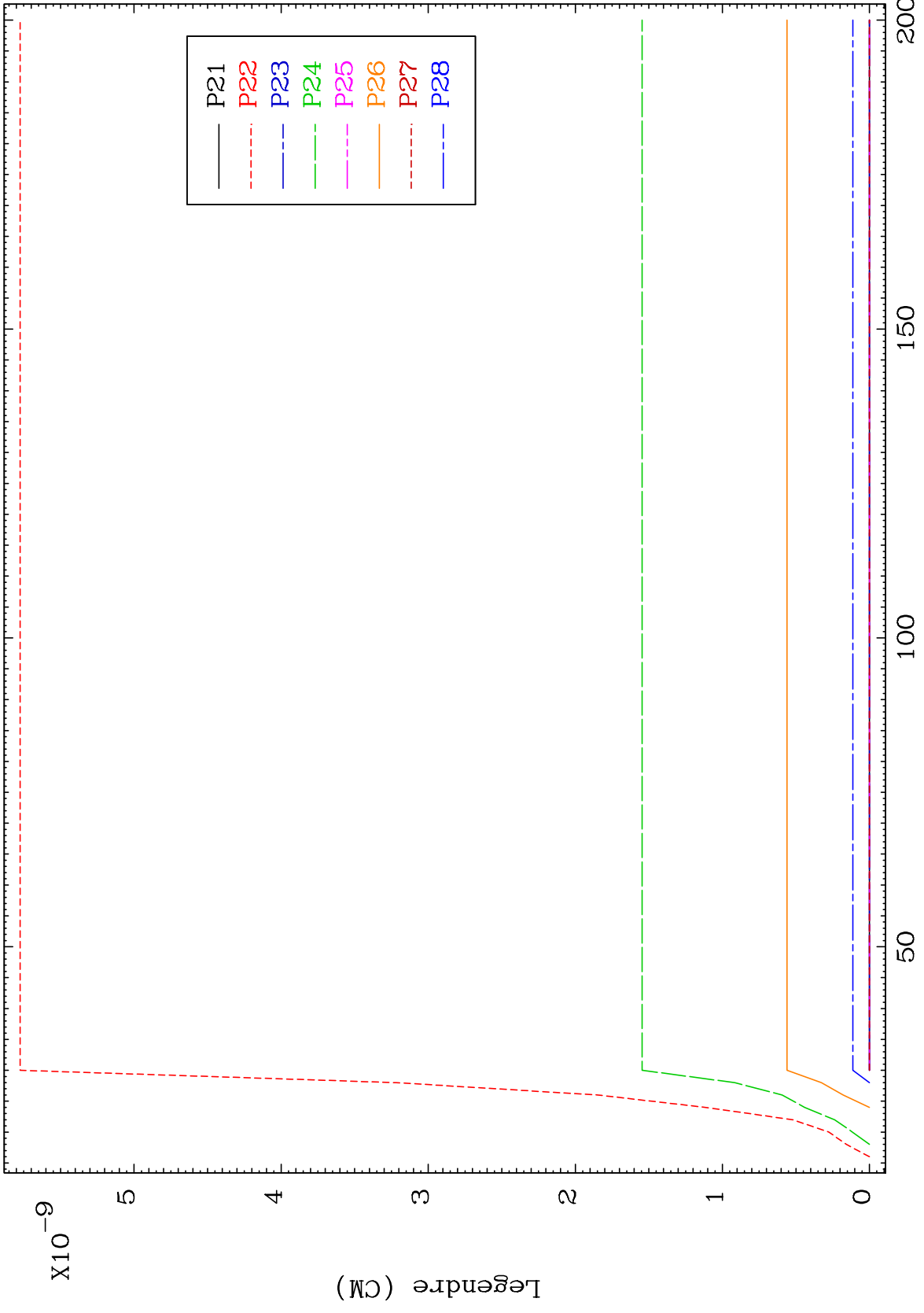
34 18-Ar-41

MAT 1840 MT= 56 (n,n') Level Legendre Coefficients 18-Ar-41



35 Incident Energy (MeV) 18-Ar-41

MAT 1840 MT= 56 (n,n') Level Legendre Coefficients 18-Ar-41

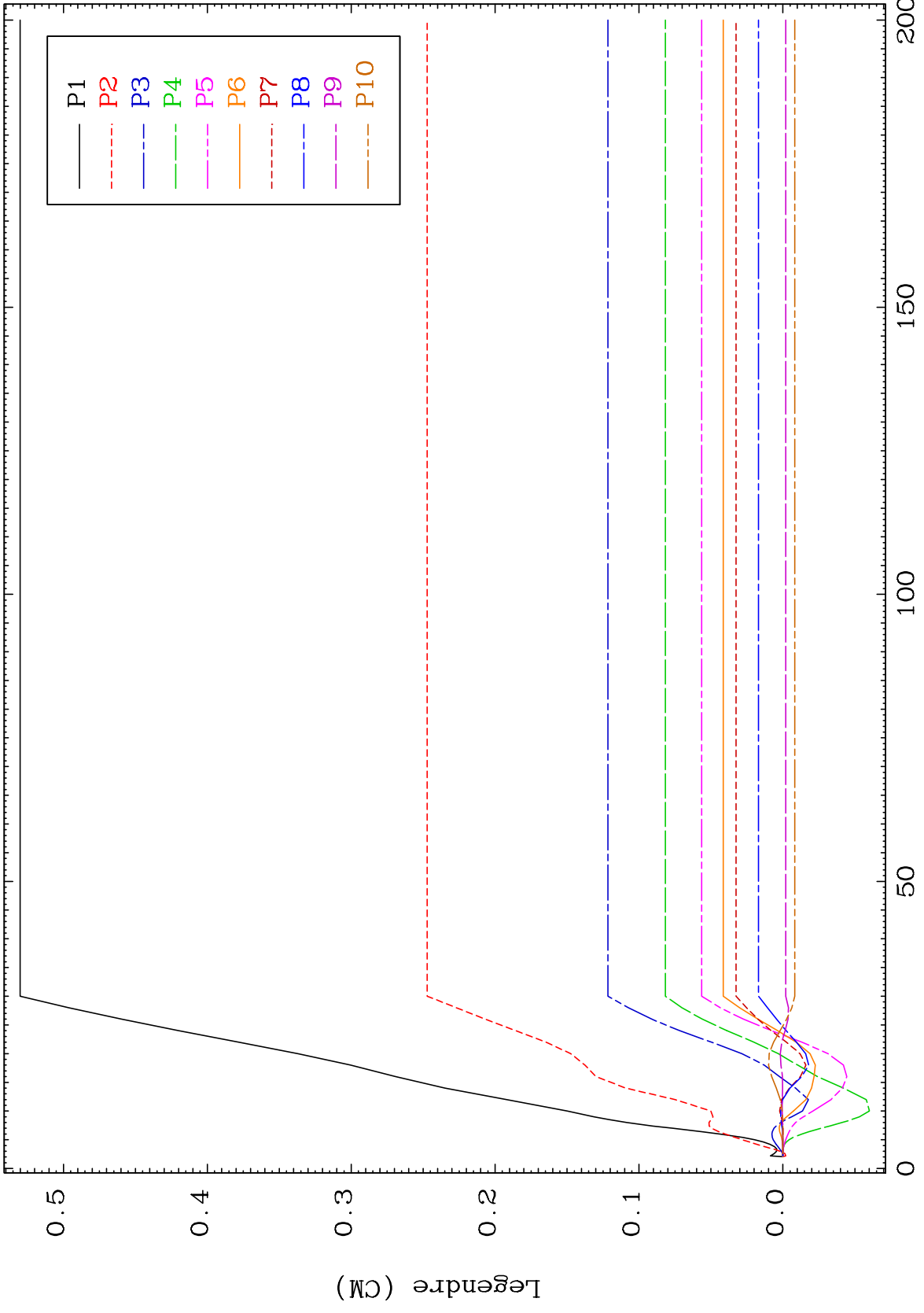


36 Incident Energy (MeV) 18-Ar-41

MAT 1840

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

18-Ar-41



37

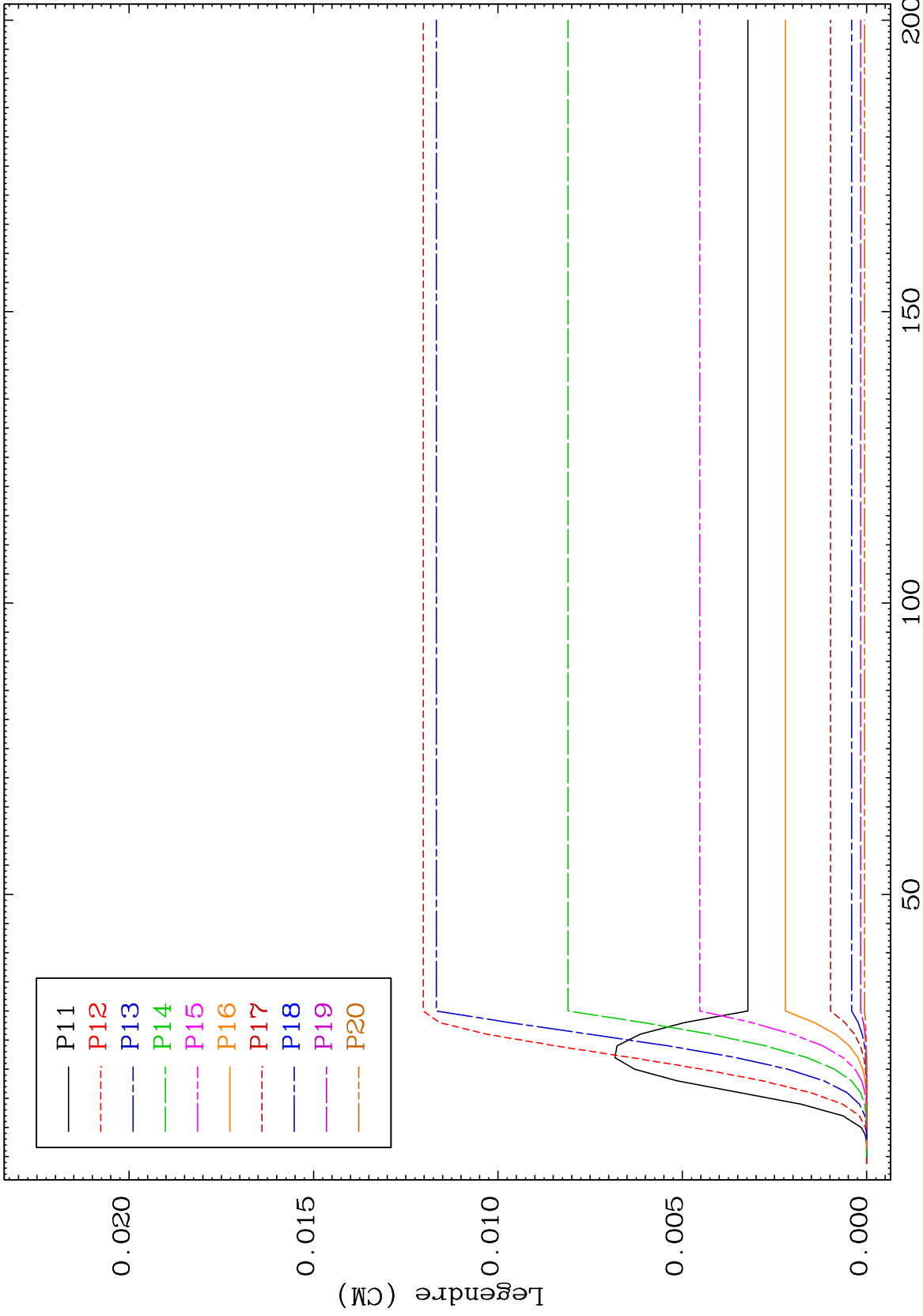
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



38

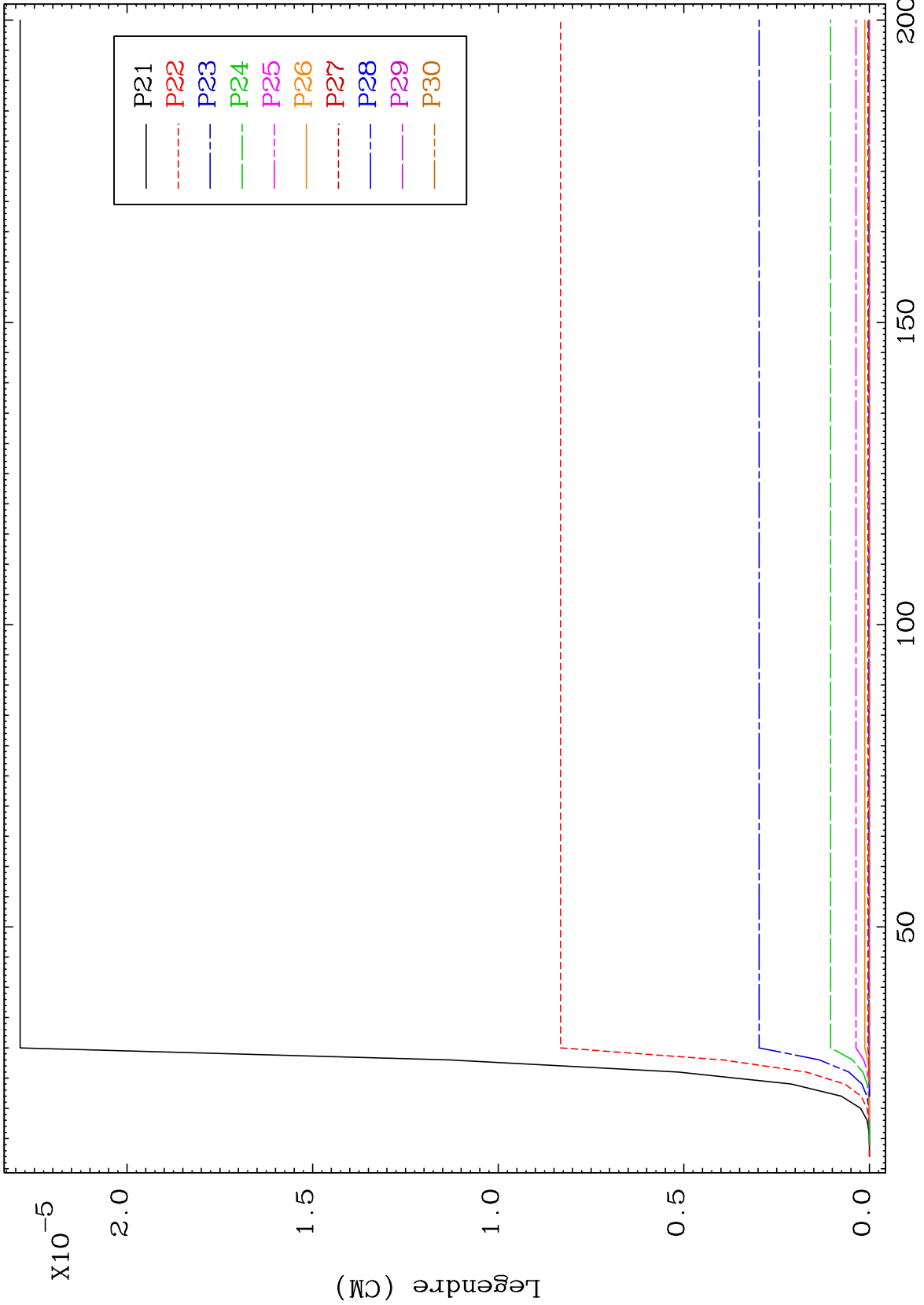
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



39

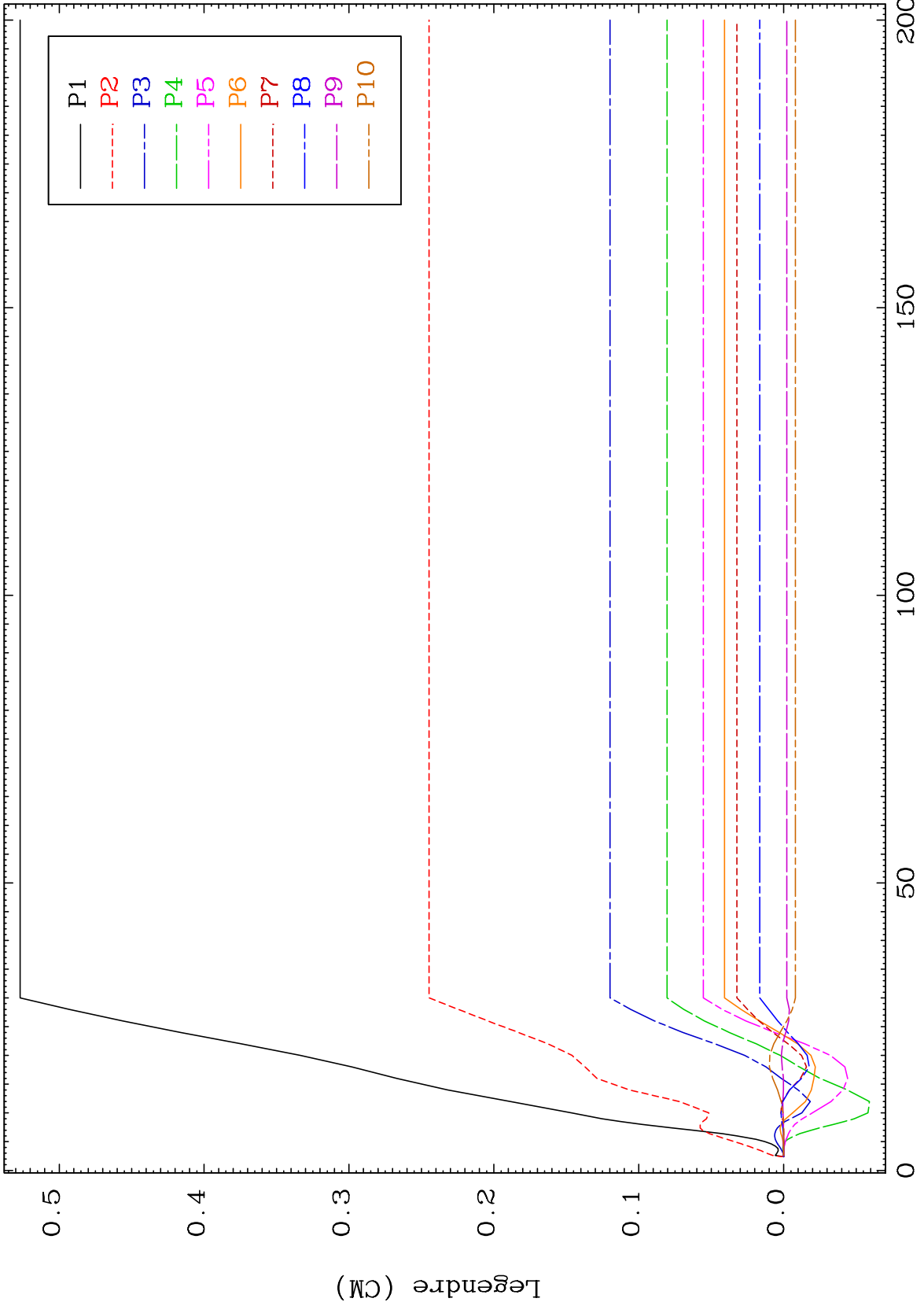
18-Ar-41

18-Ar-41

MAT 1840

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

18-Ar-41



40

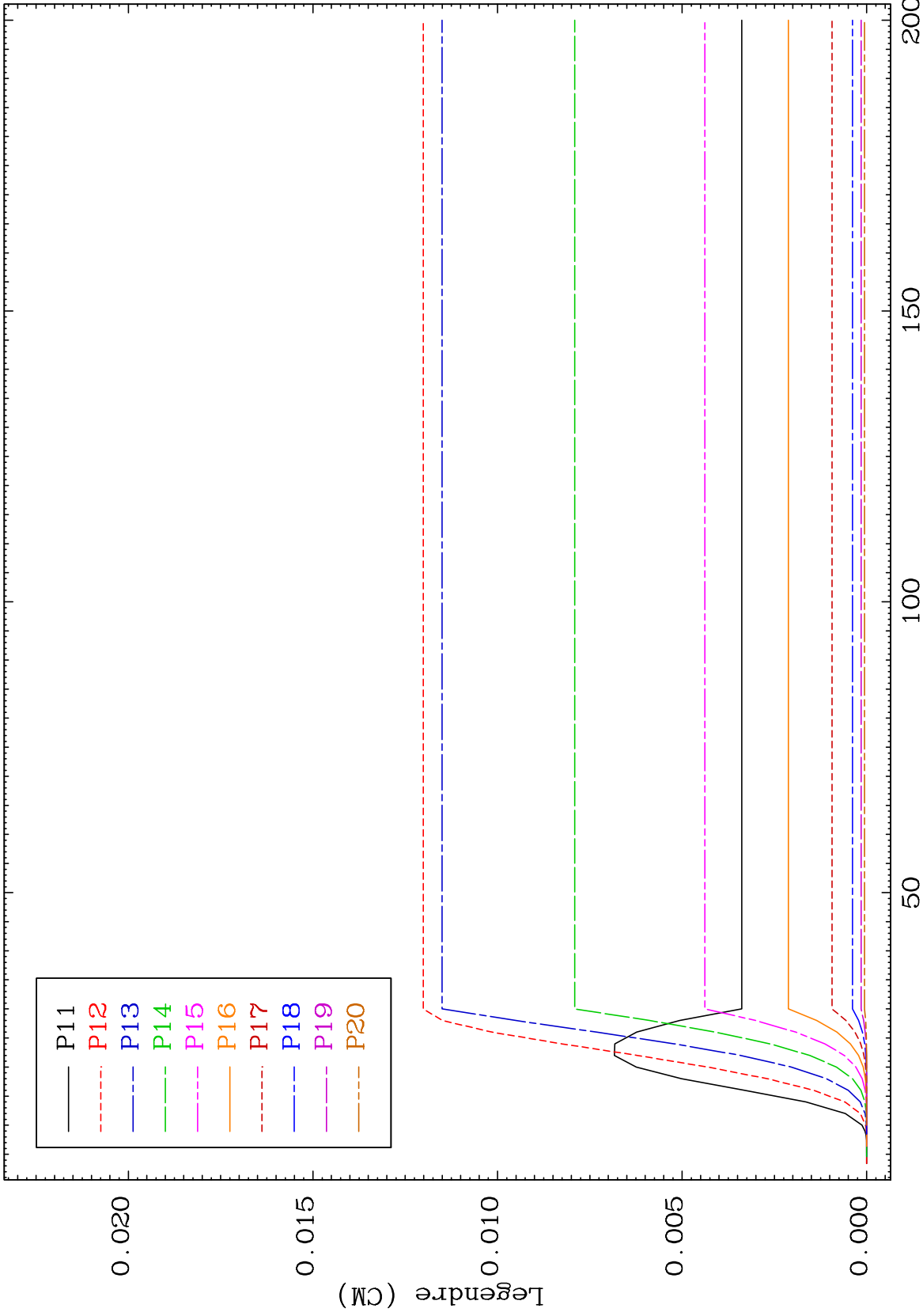
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



41

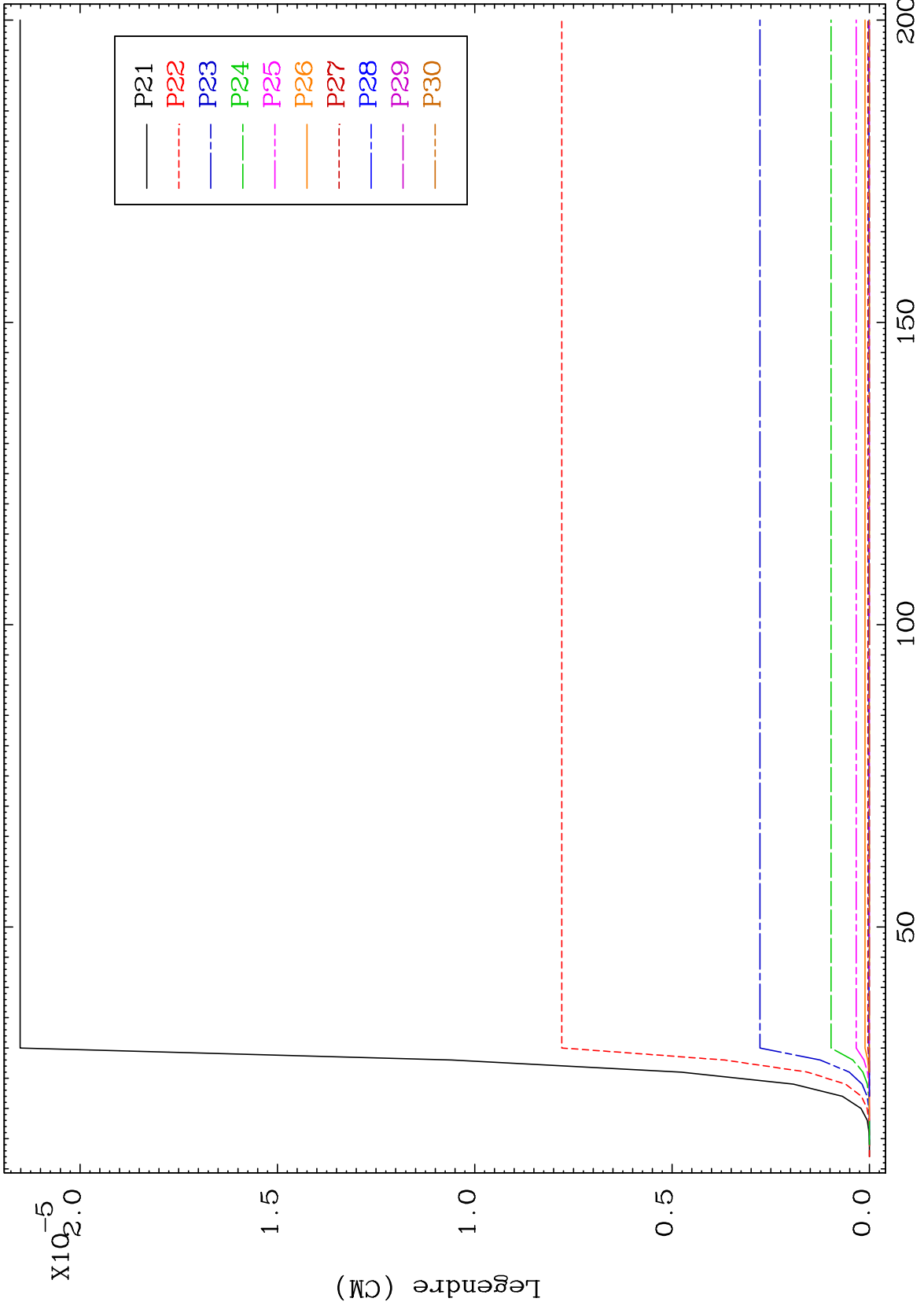
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



42

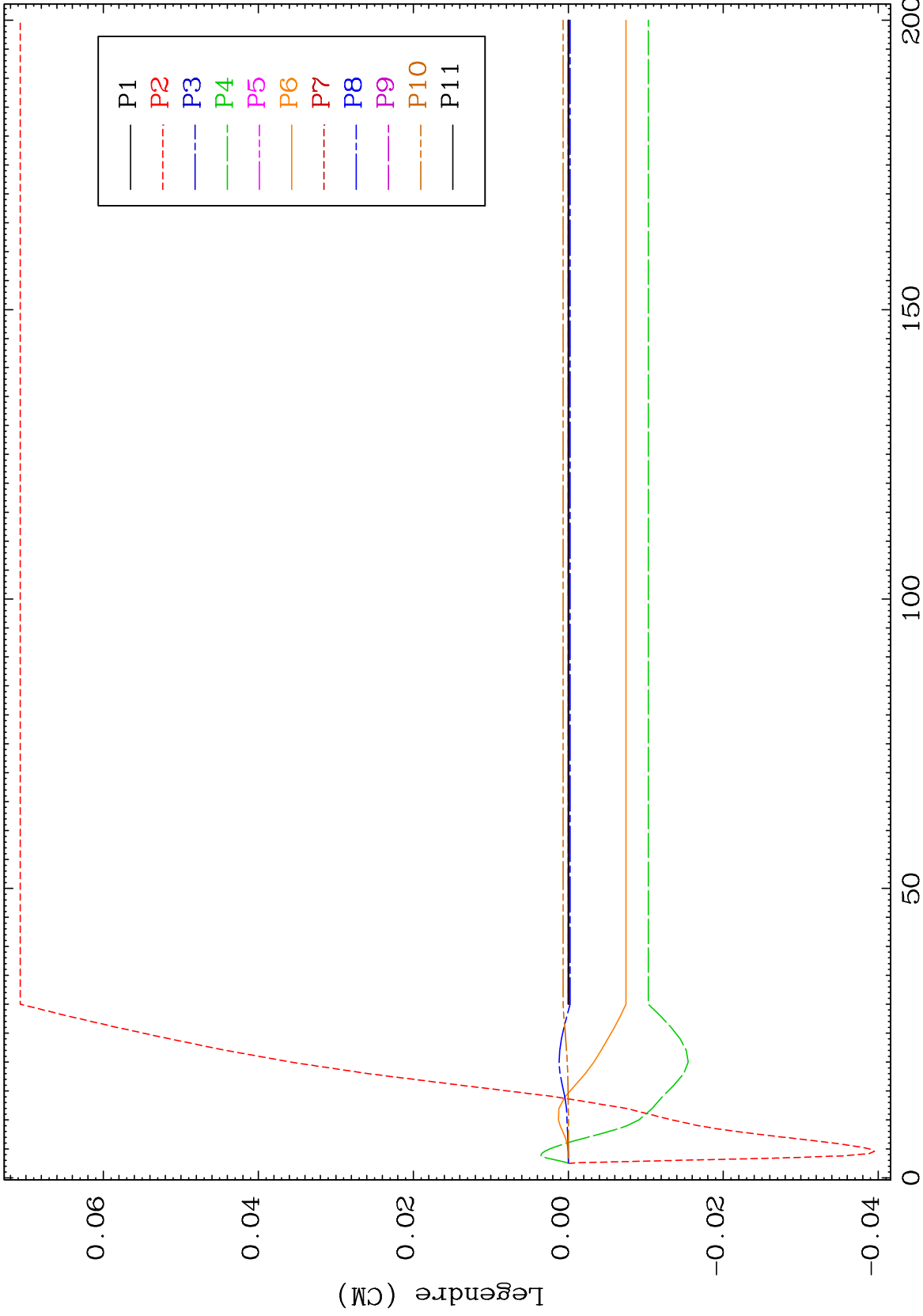
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



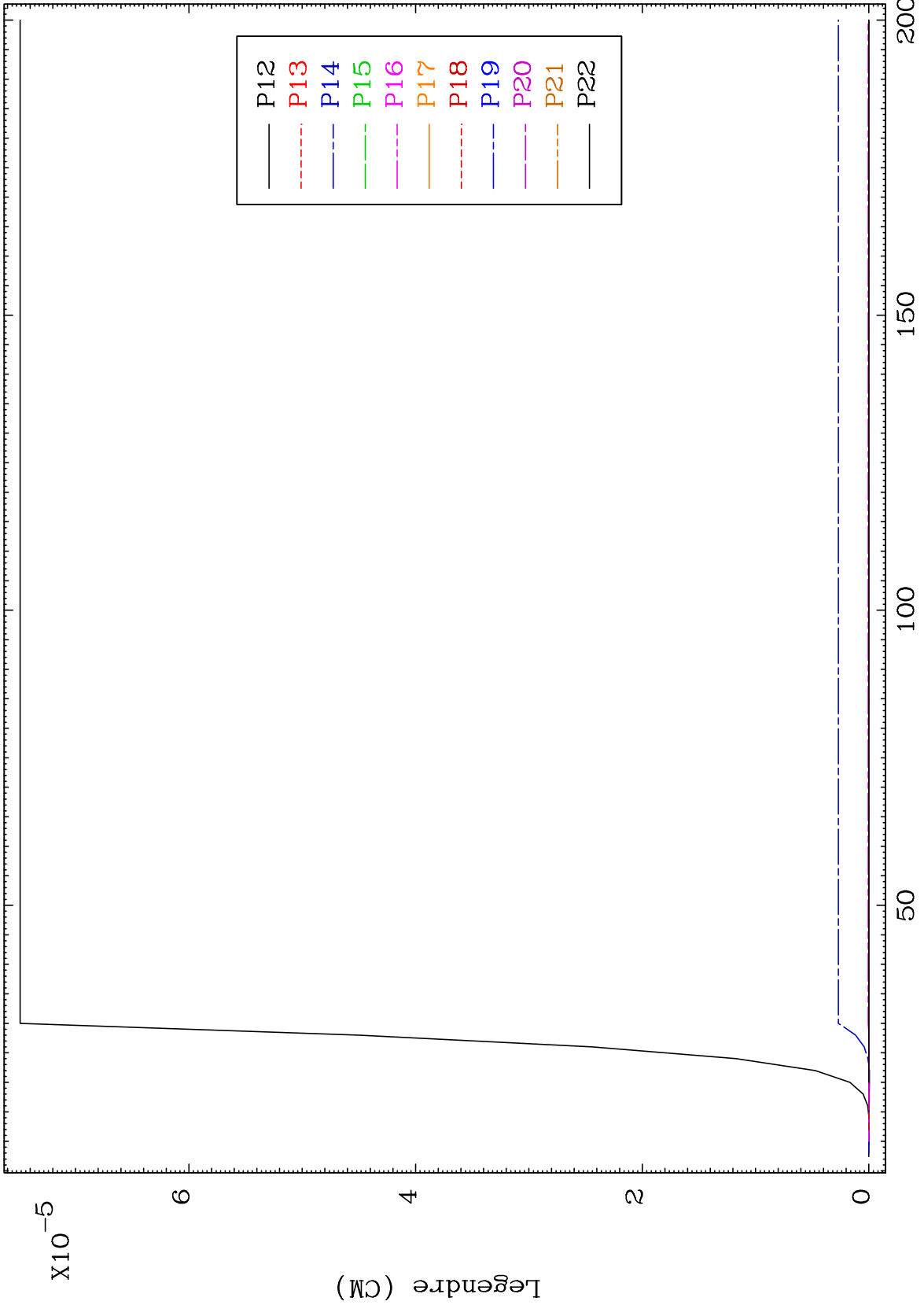
43

18-Ar-41

MAT 1840

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

18-Ar-41

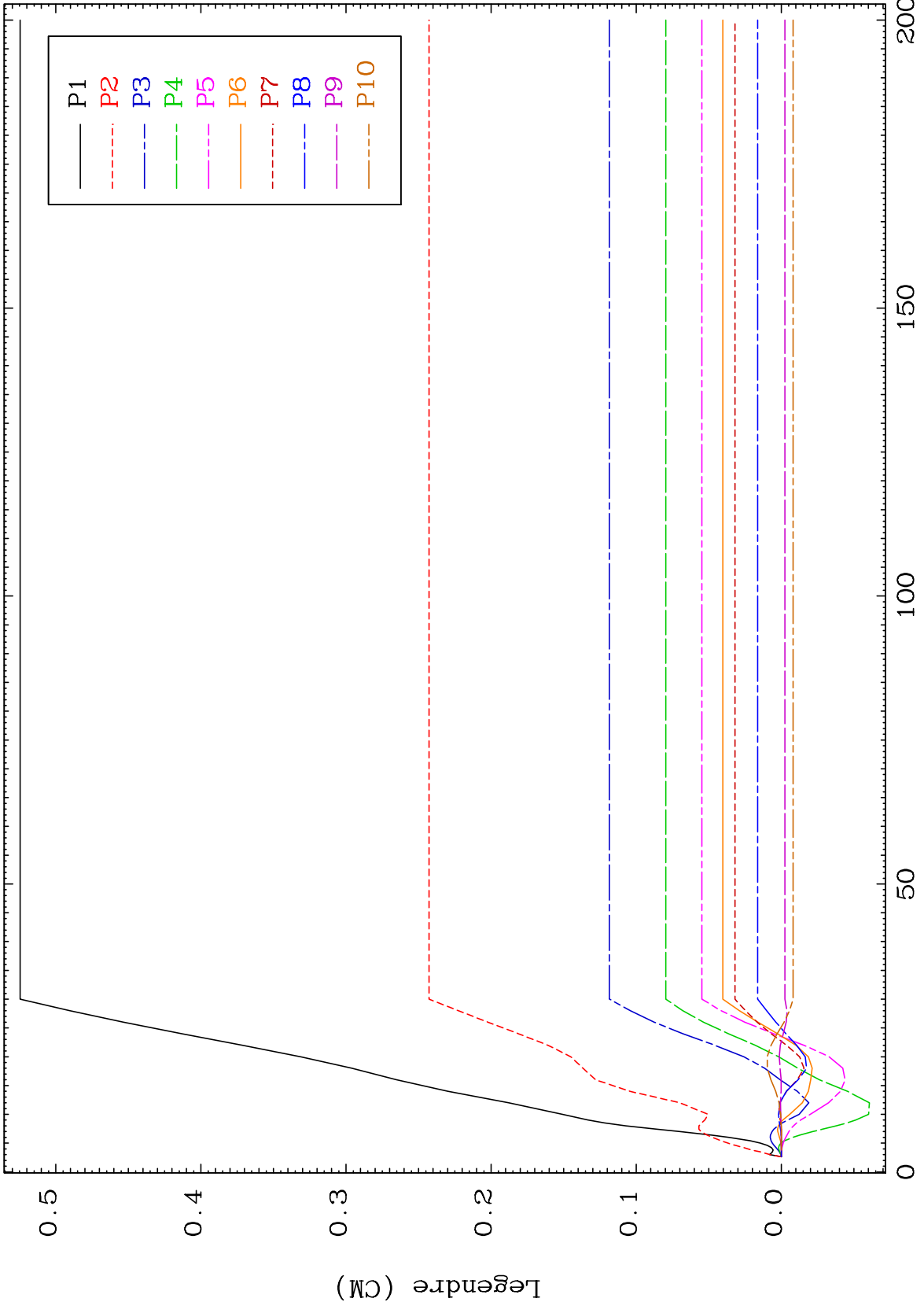


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Incident Energy (MeV)

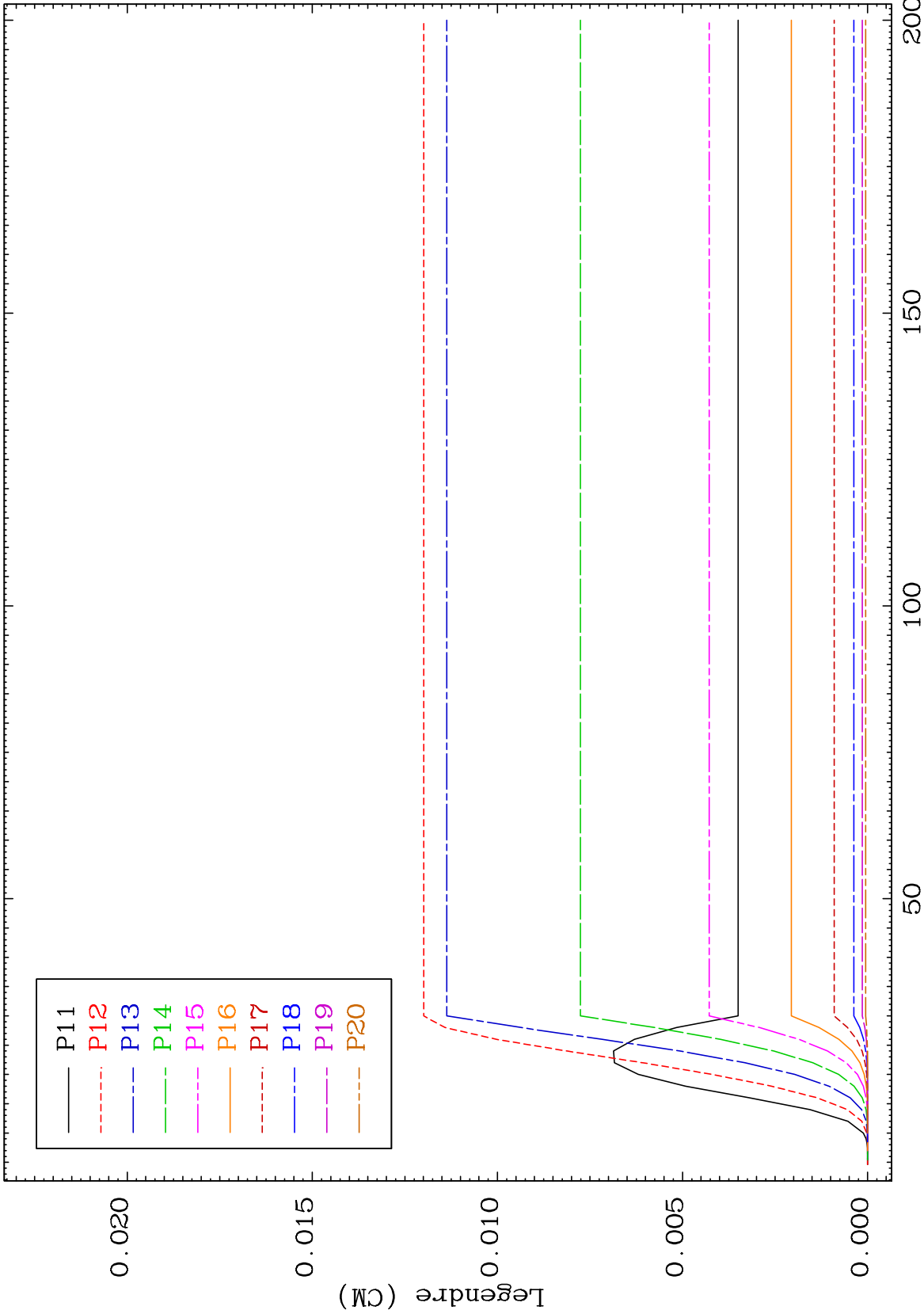
18-Ar-41

MAT 1840 MT= 60 (n,n') Level Legendre Coefficients 18-Ar-41



45 Incident Energy (MeV) 18-Ar-41

MAT 1840 MT= 60 (n,n') Level Legendre Coefficients 18-Ar-41



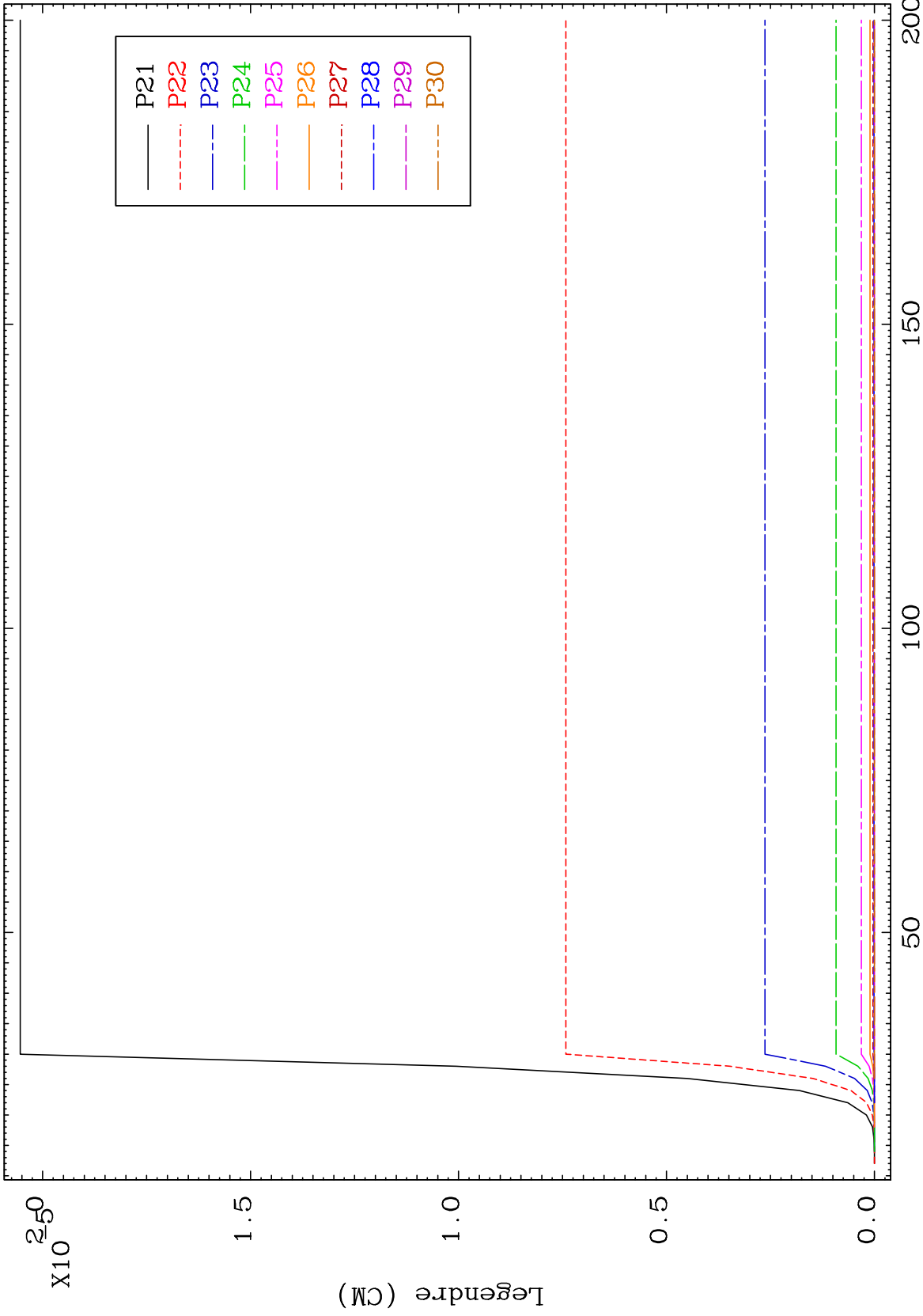
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Incident Energy (MeV)

MAT 1840

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

18-Ar-41



18-Ar-41

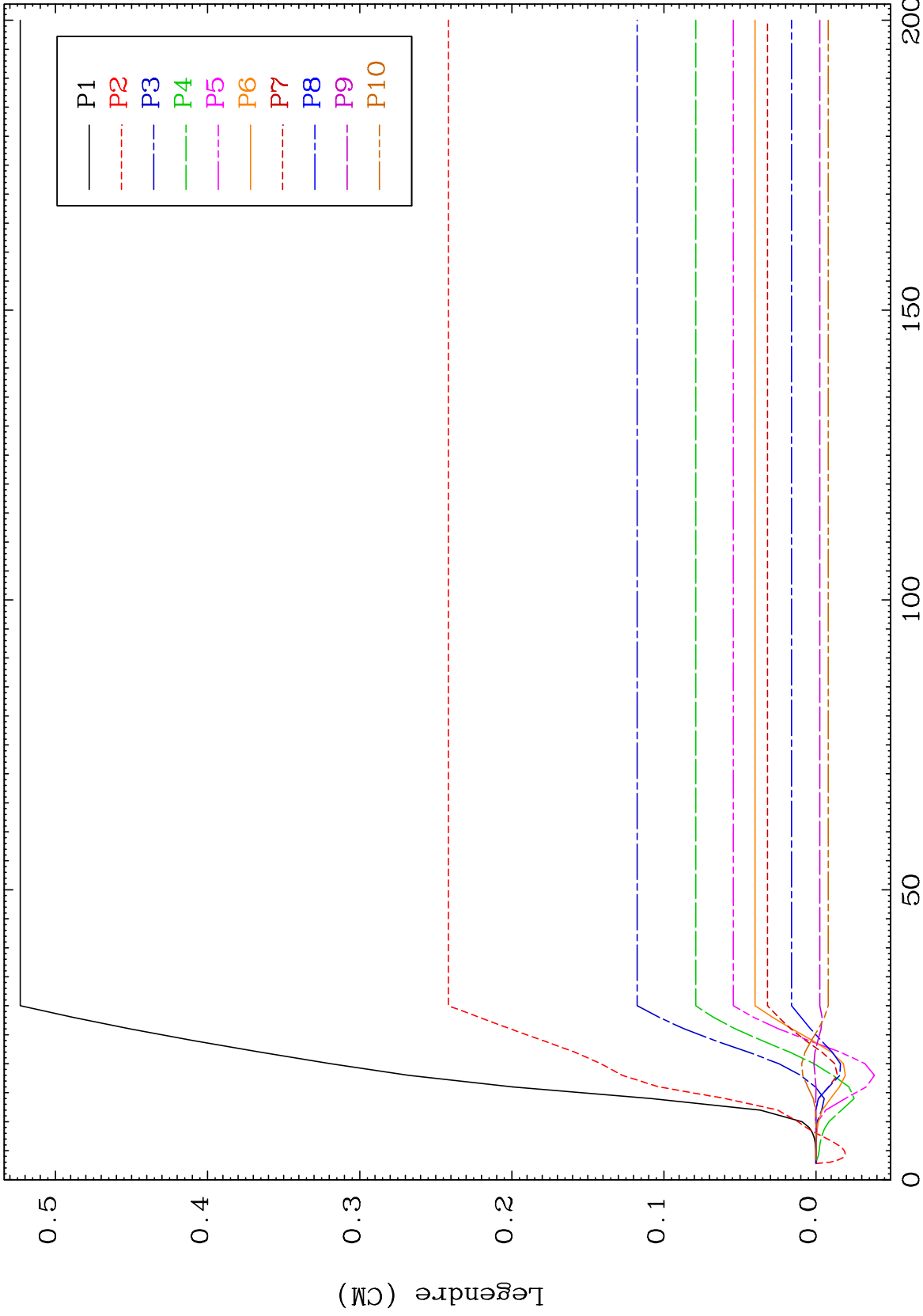
Incident Energy (MeV)

47

MAT 1840

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

18-Ar-41



48

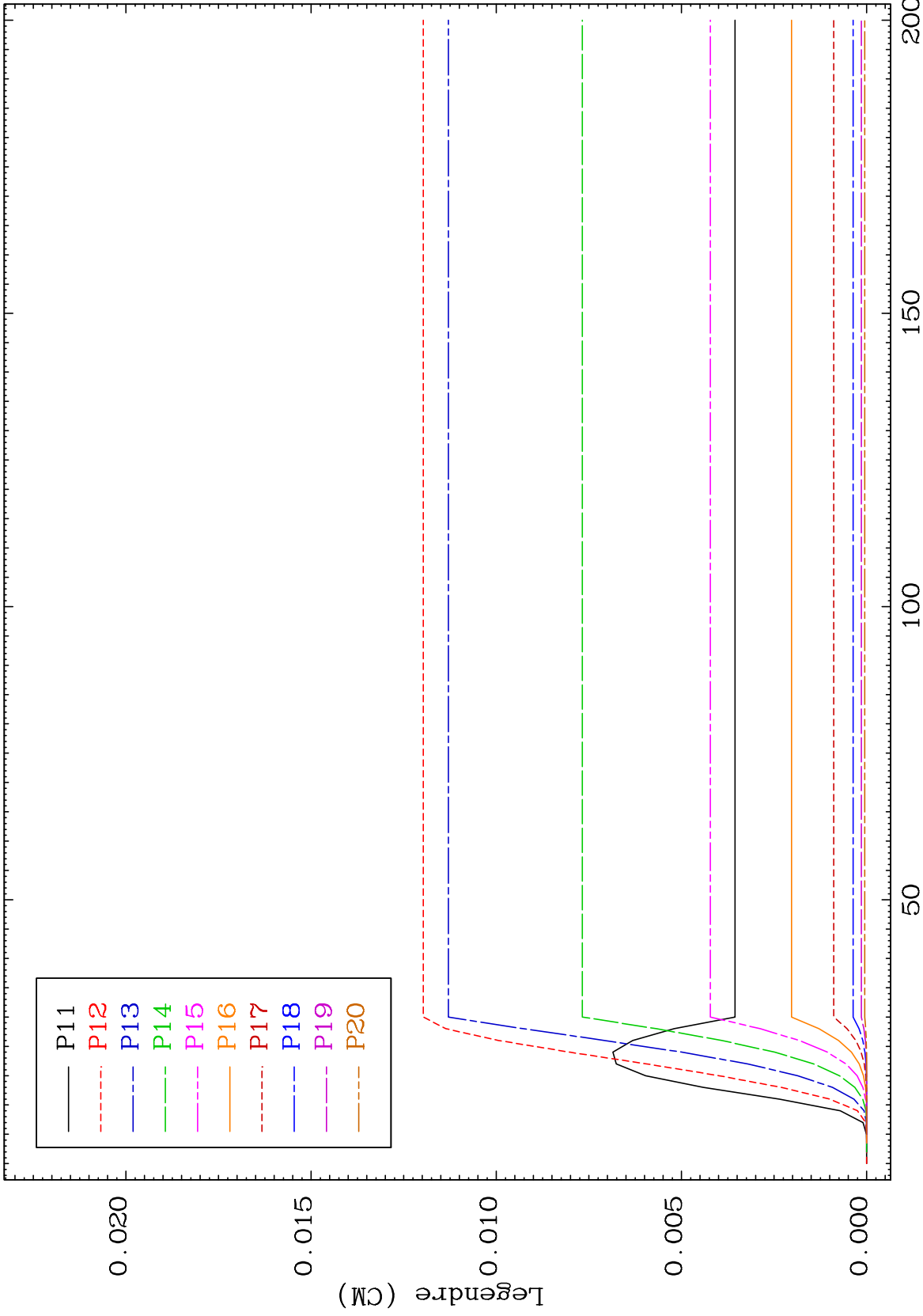
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



49

Incident Energy (MeV)

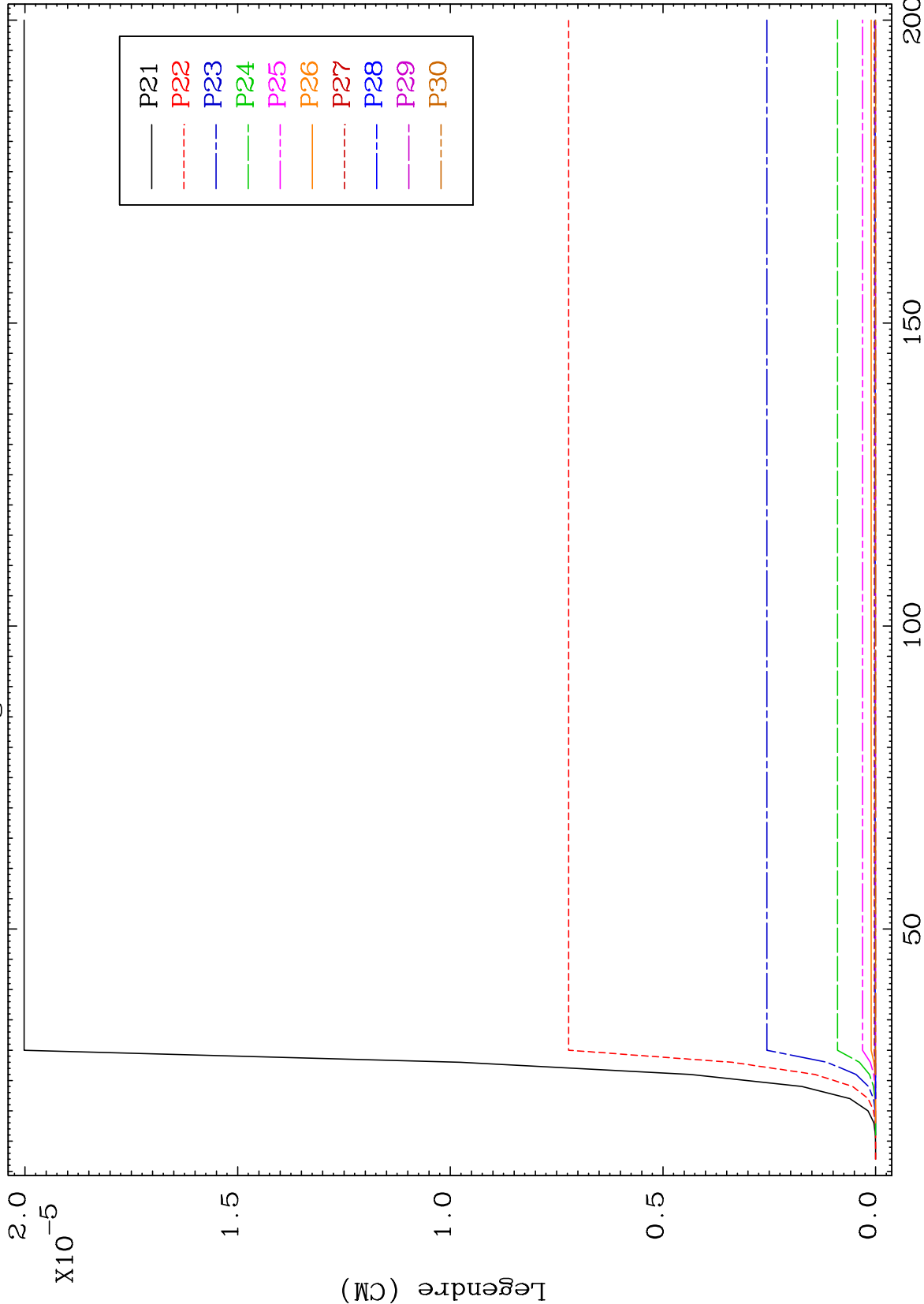
18-Ar-41

MAT 1840

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

18-Ar-41

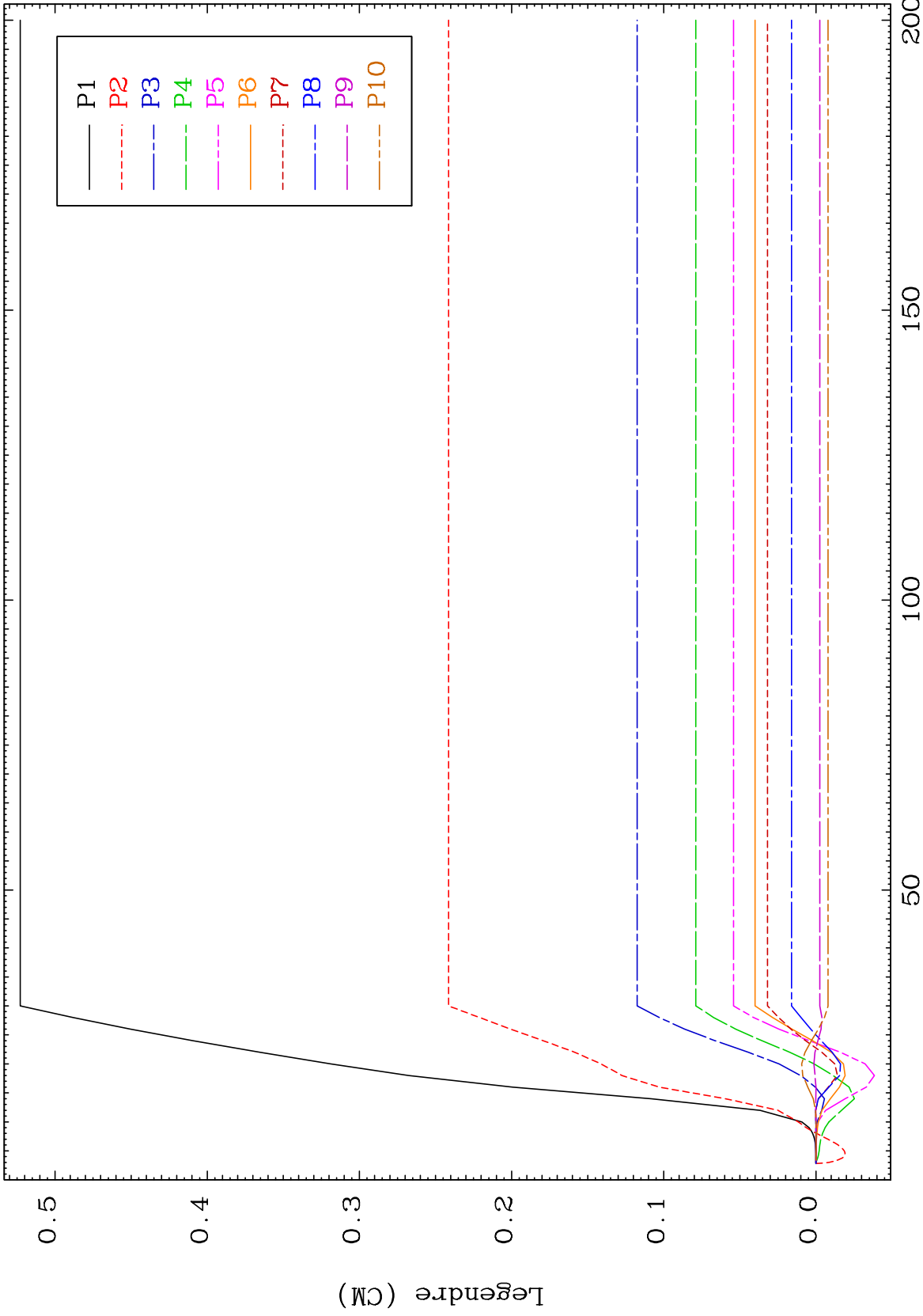
Incident Energy (MeV)



MAT 1840

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

18-Ar-41



51

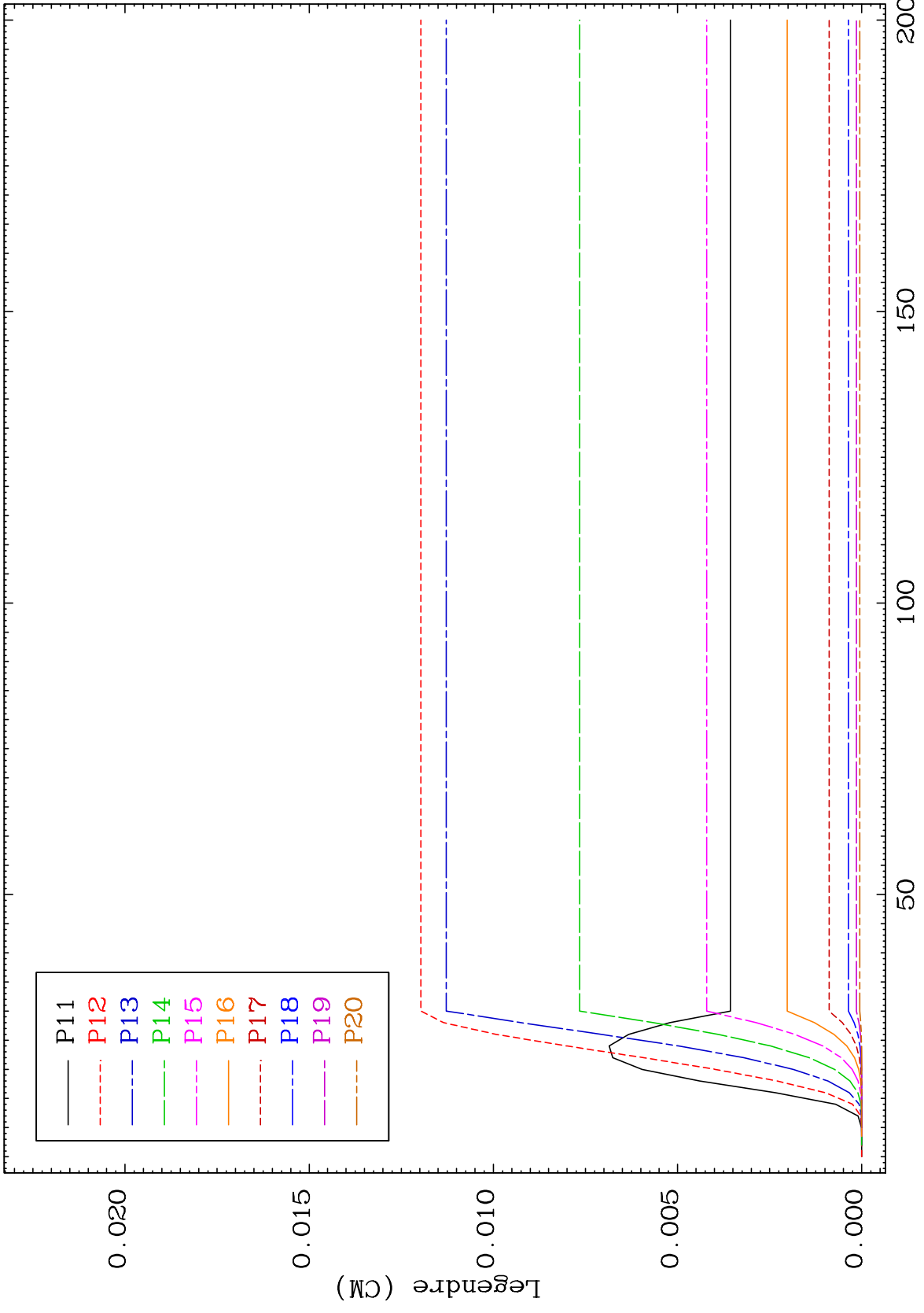
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

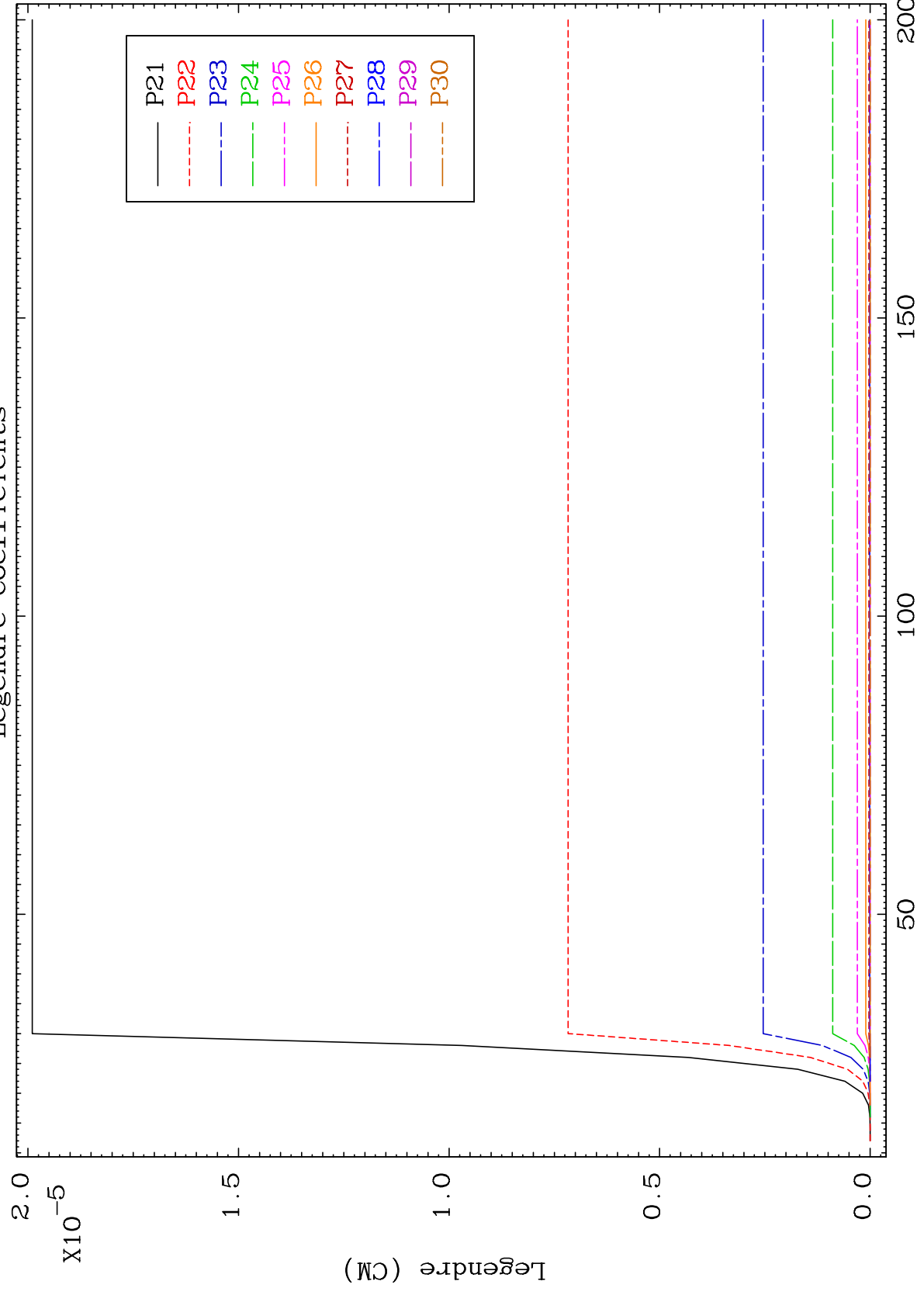
18-Ar-41



52

Incident Energy (MeV)

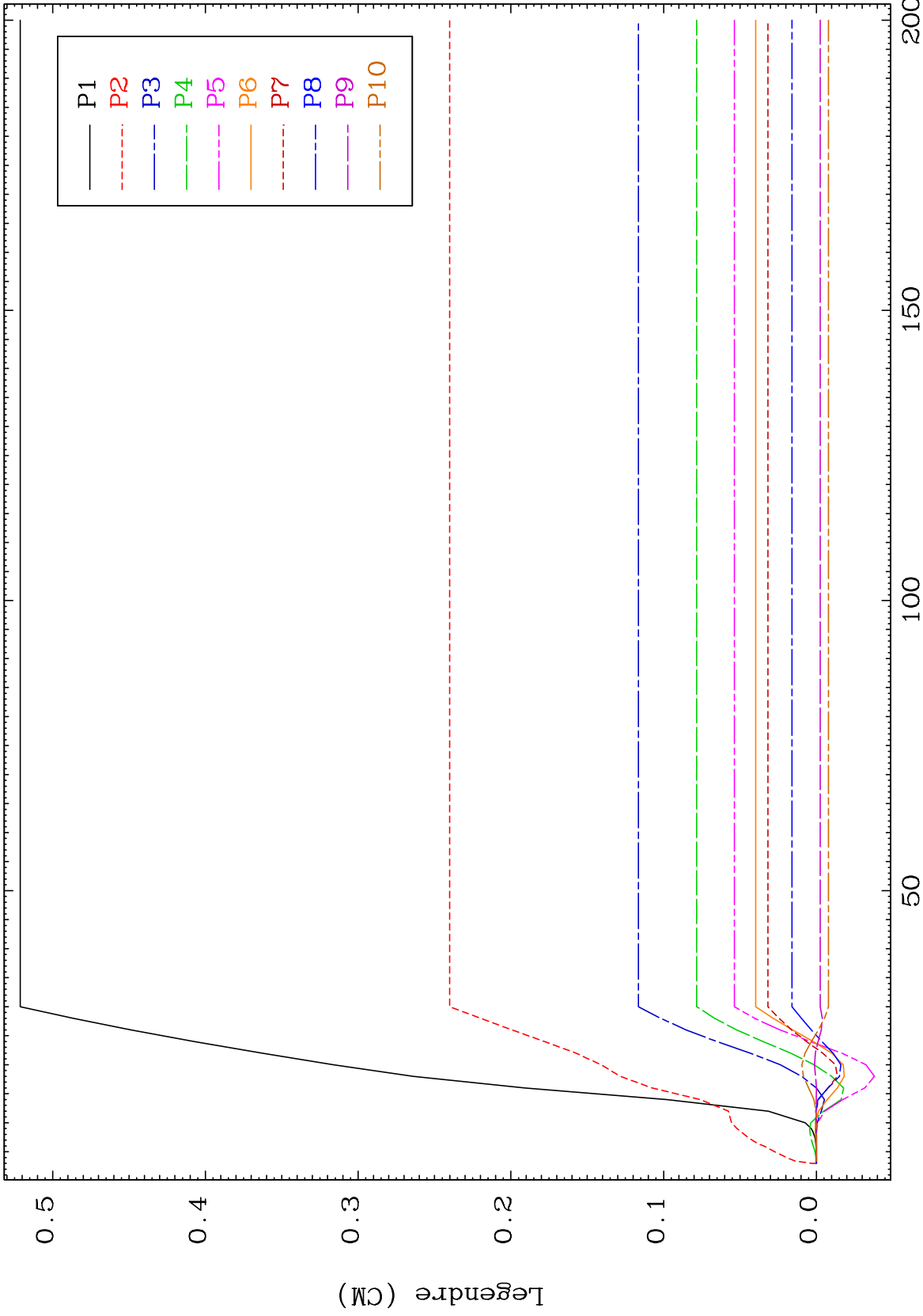
18-Ar-41



MAT 1840

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

18-Ar-41



54

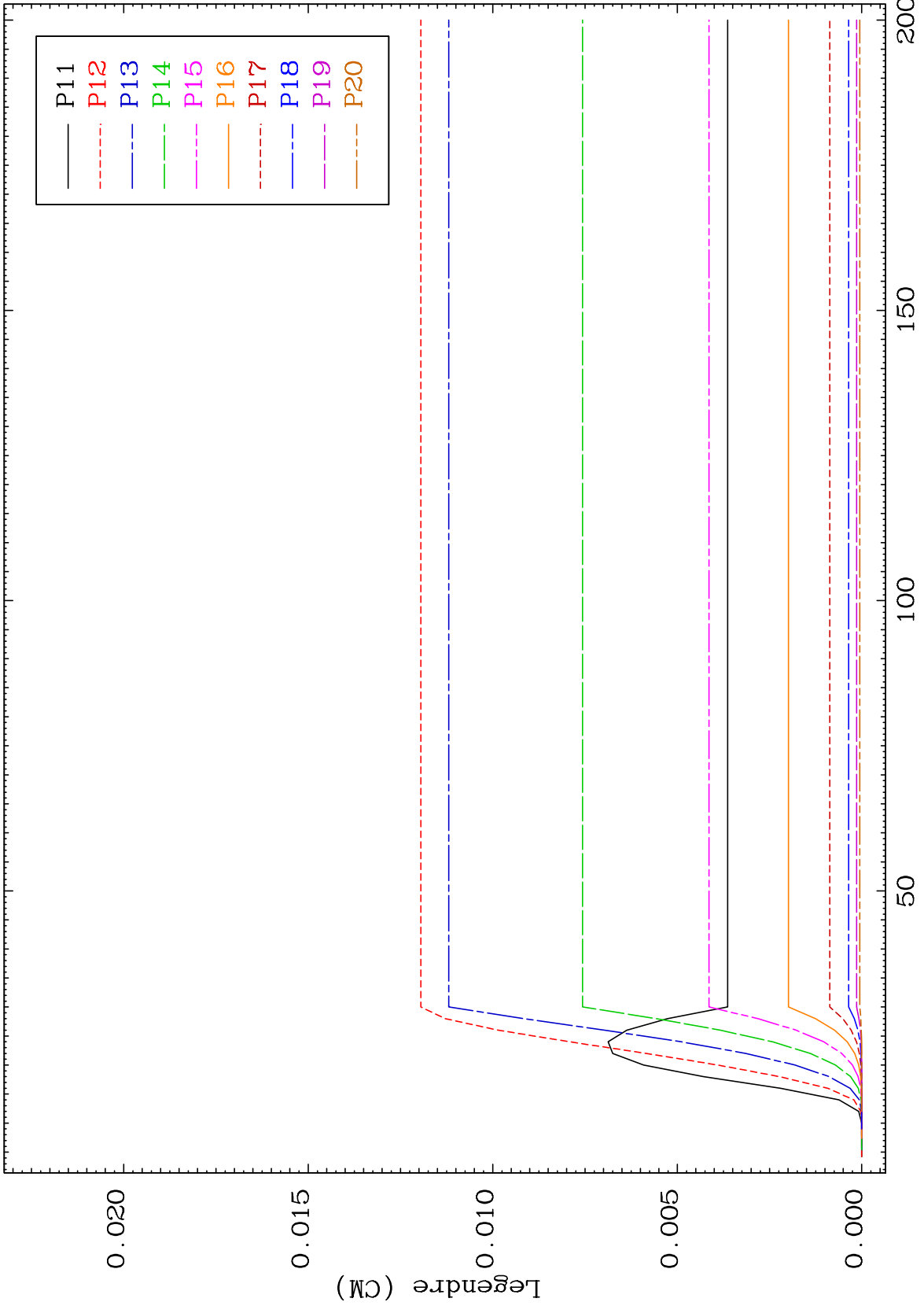
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



55

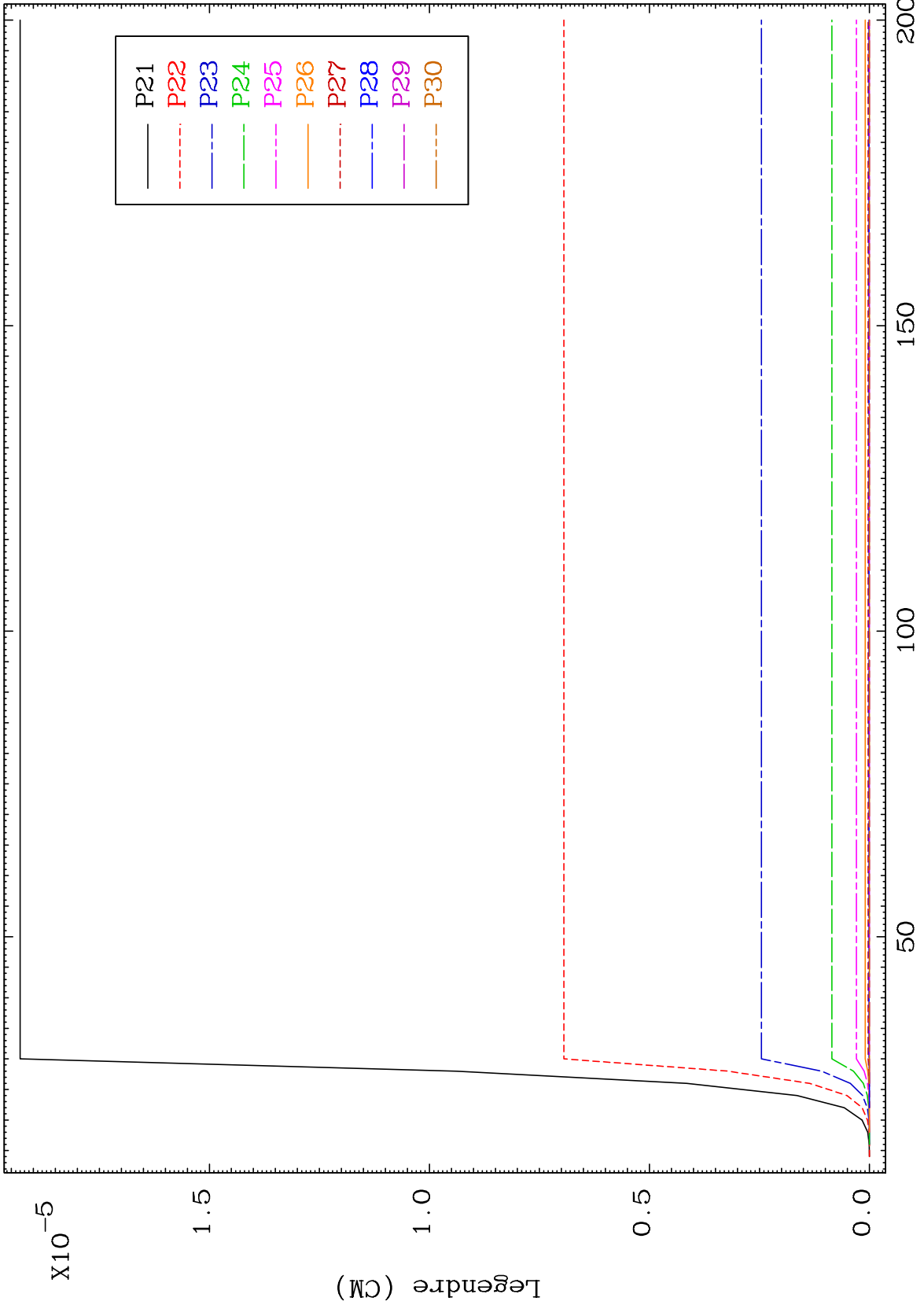
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



56

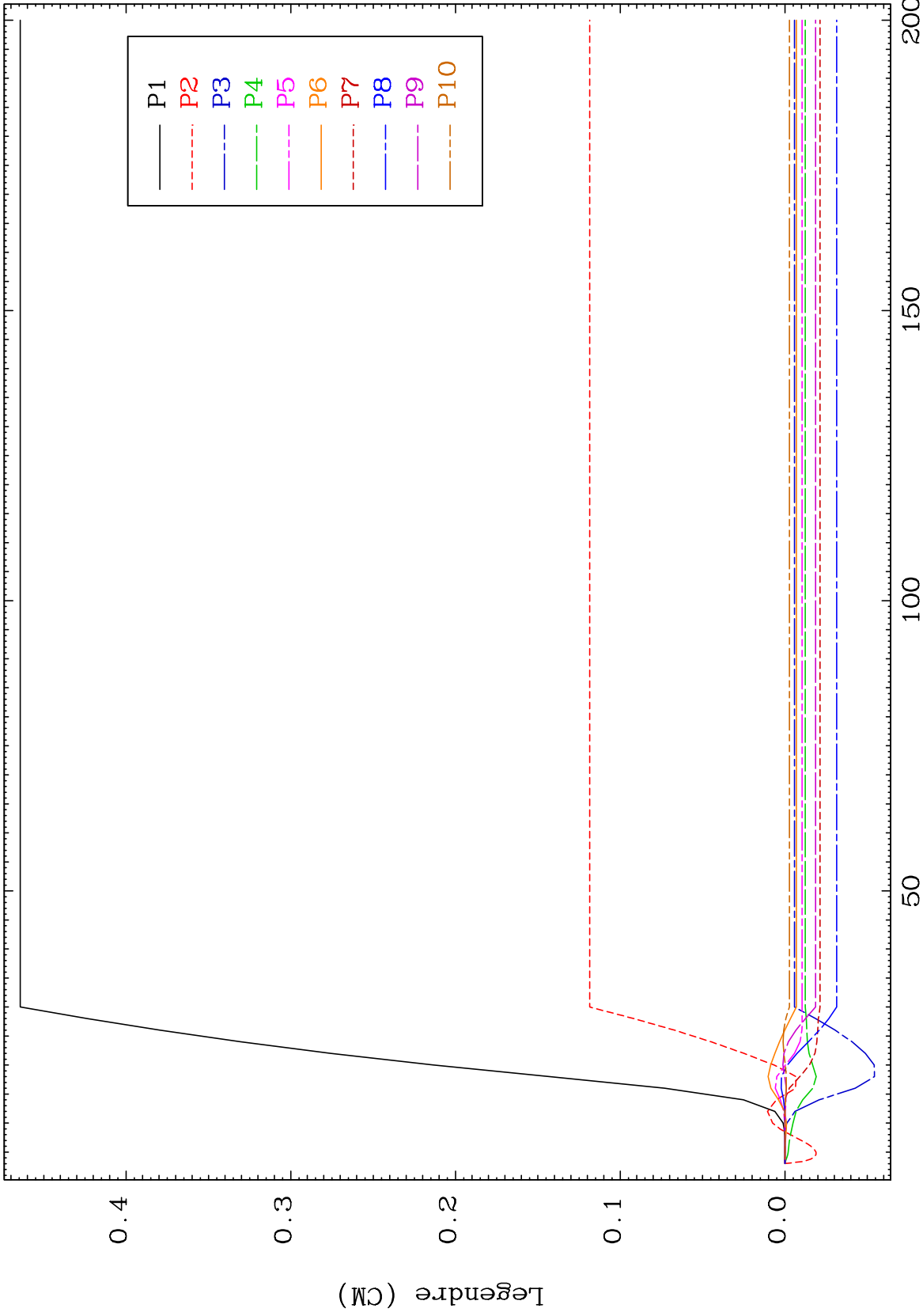
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



57

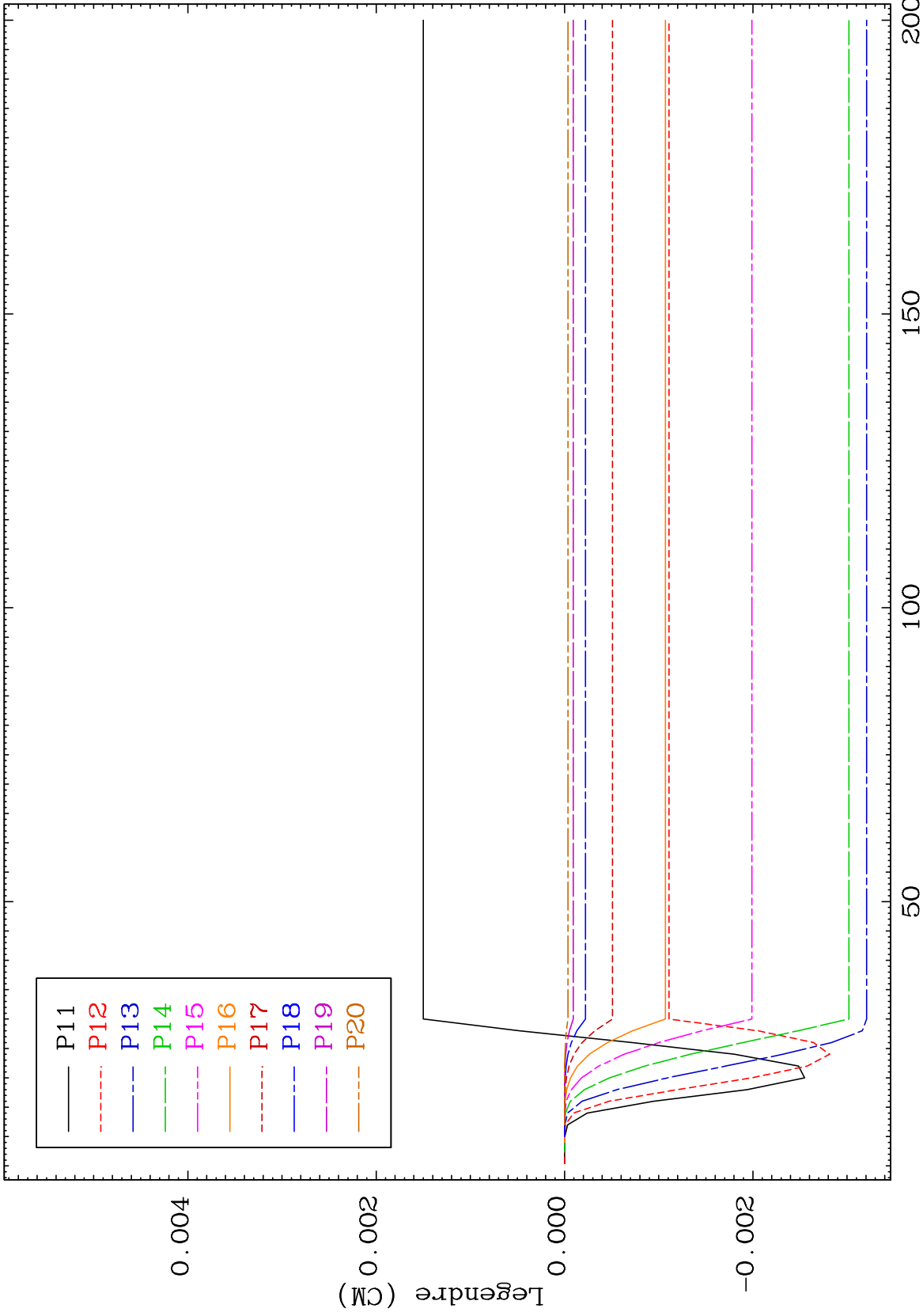
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



58

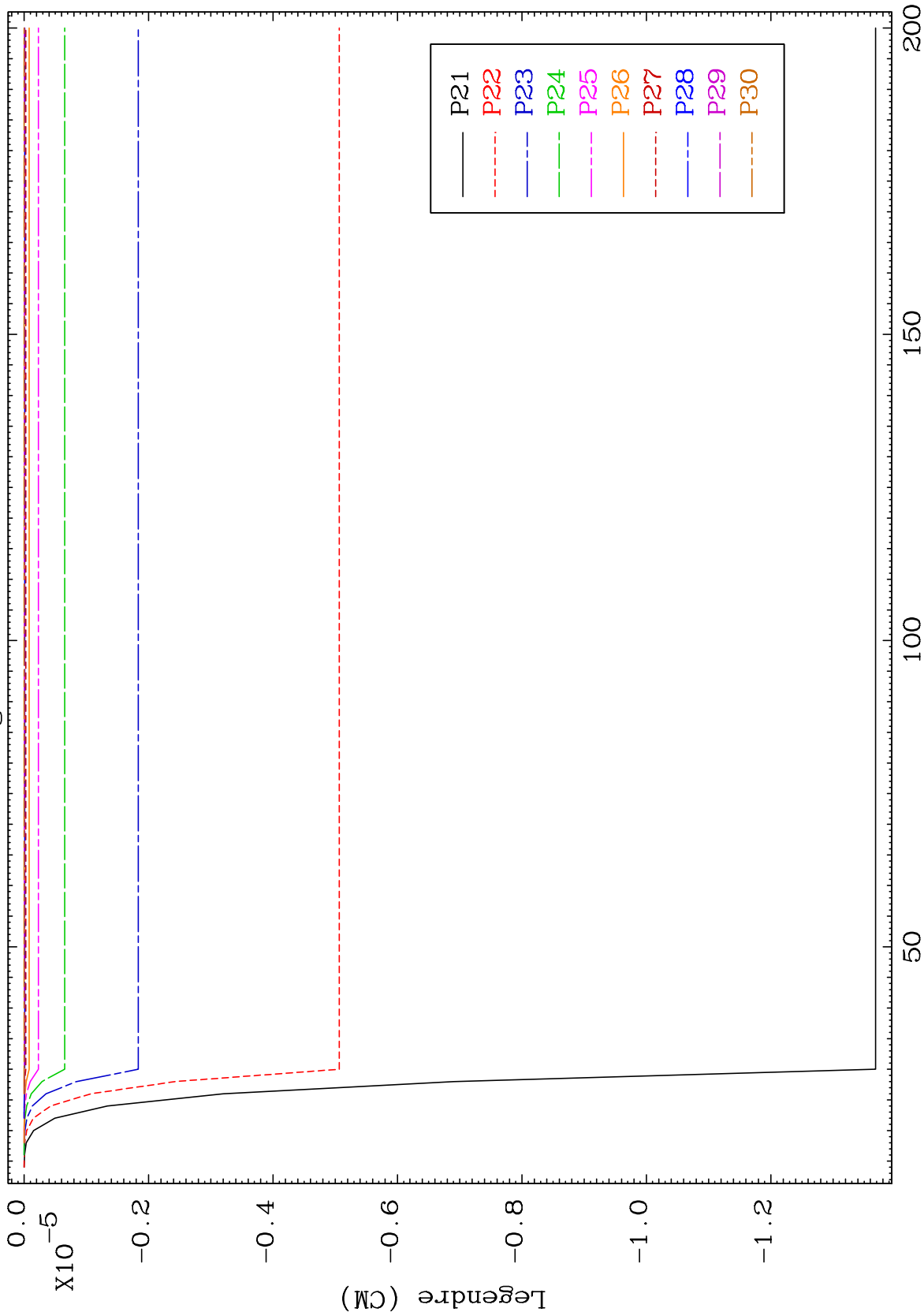
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



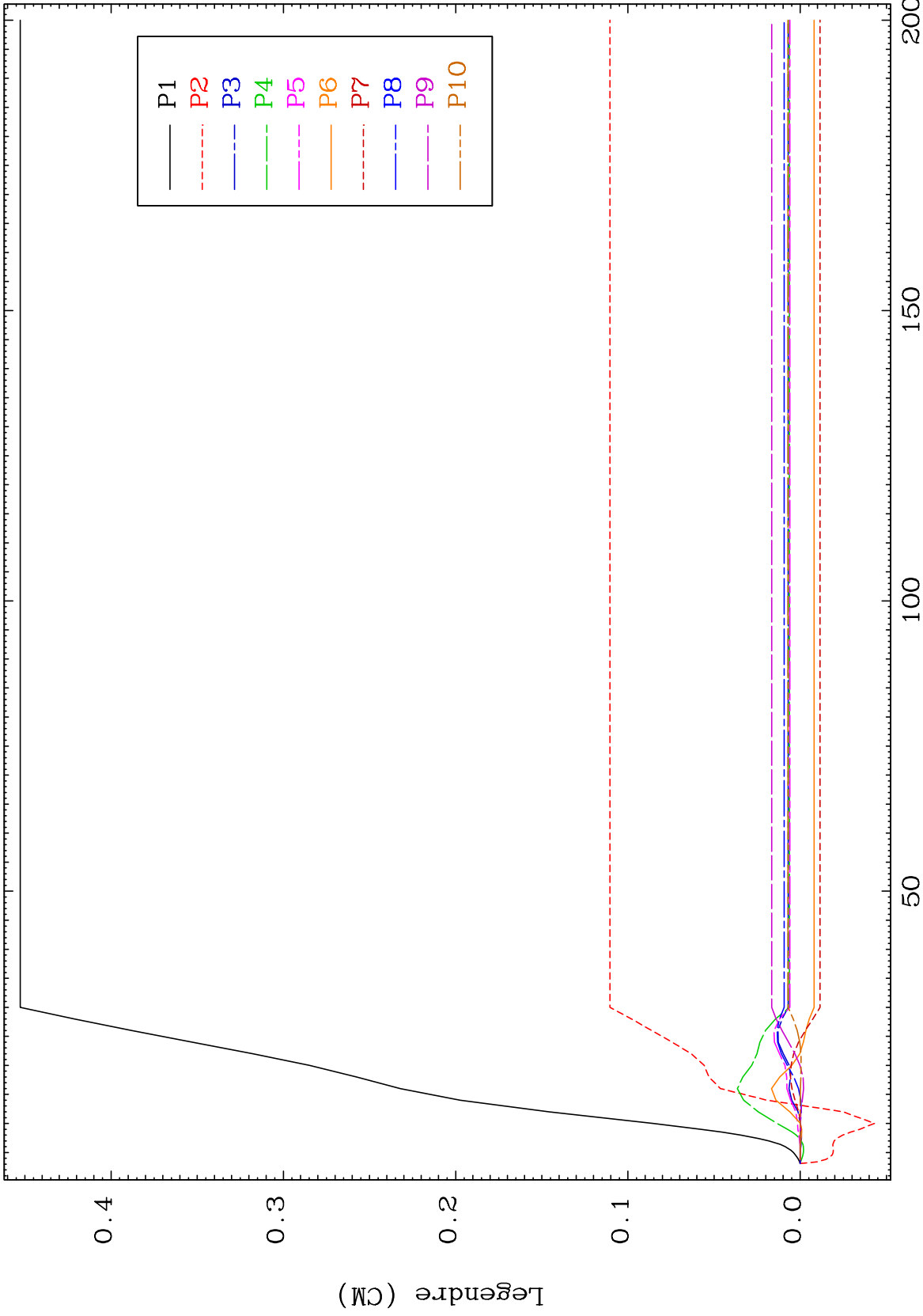
59

18-Ar-41

MAT 1840

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

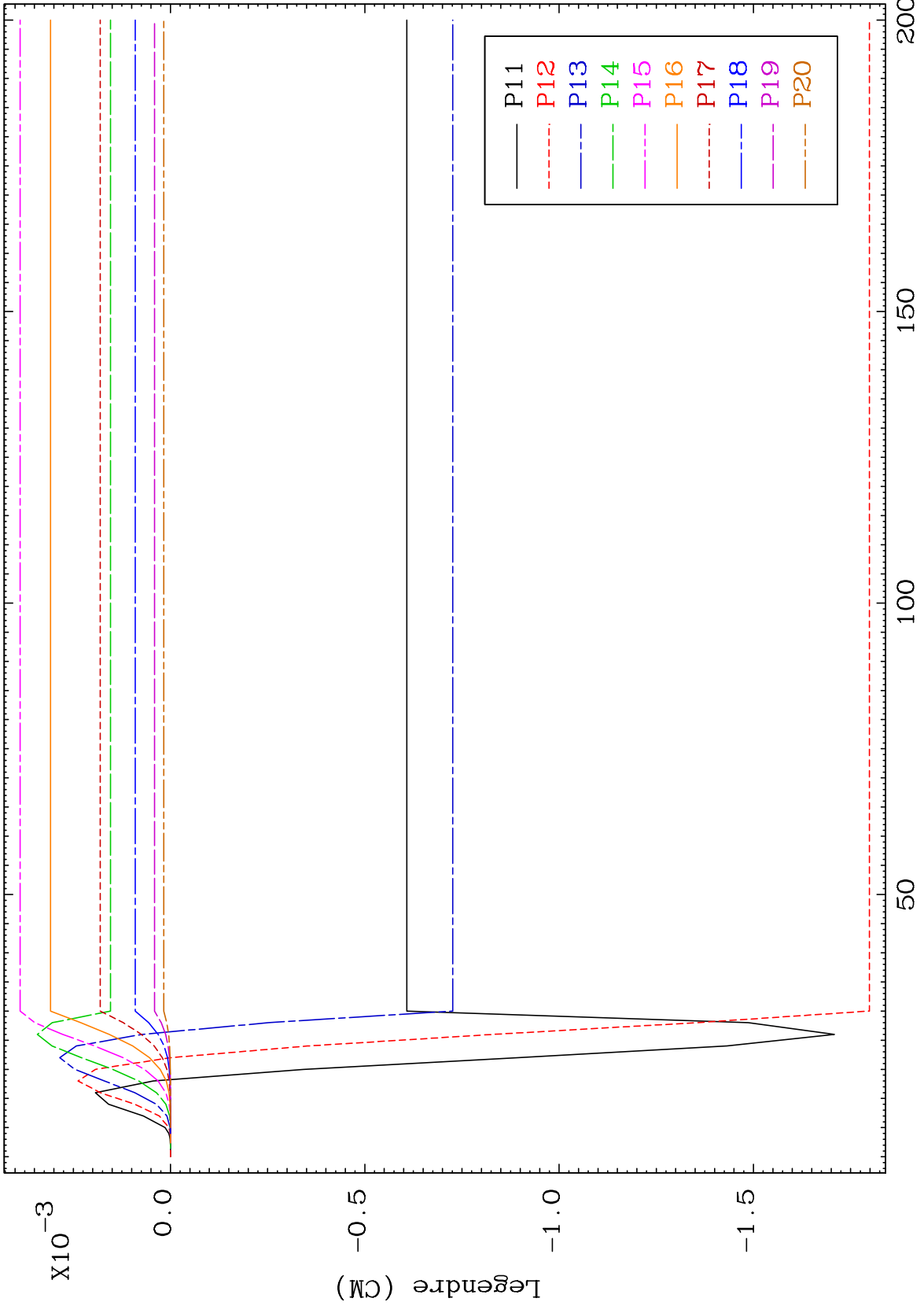
18-Ar-41



60

Incident Energy (MeV)

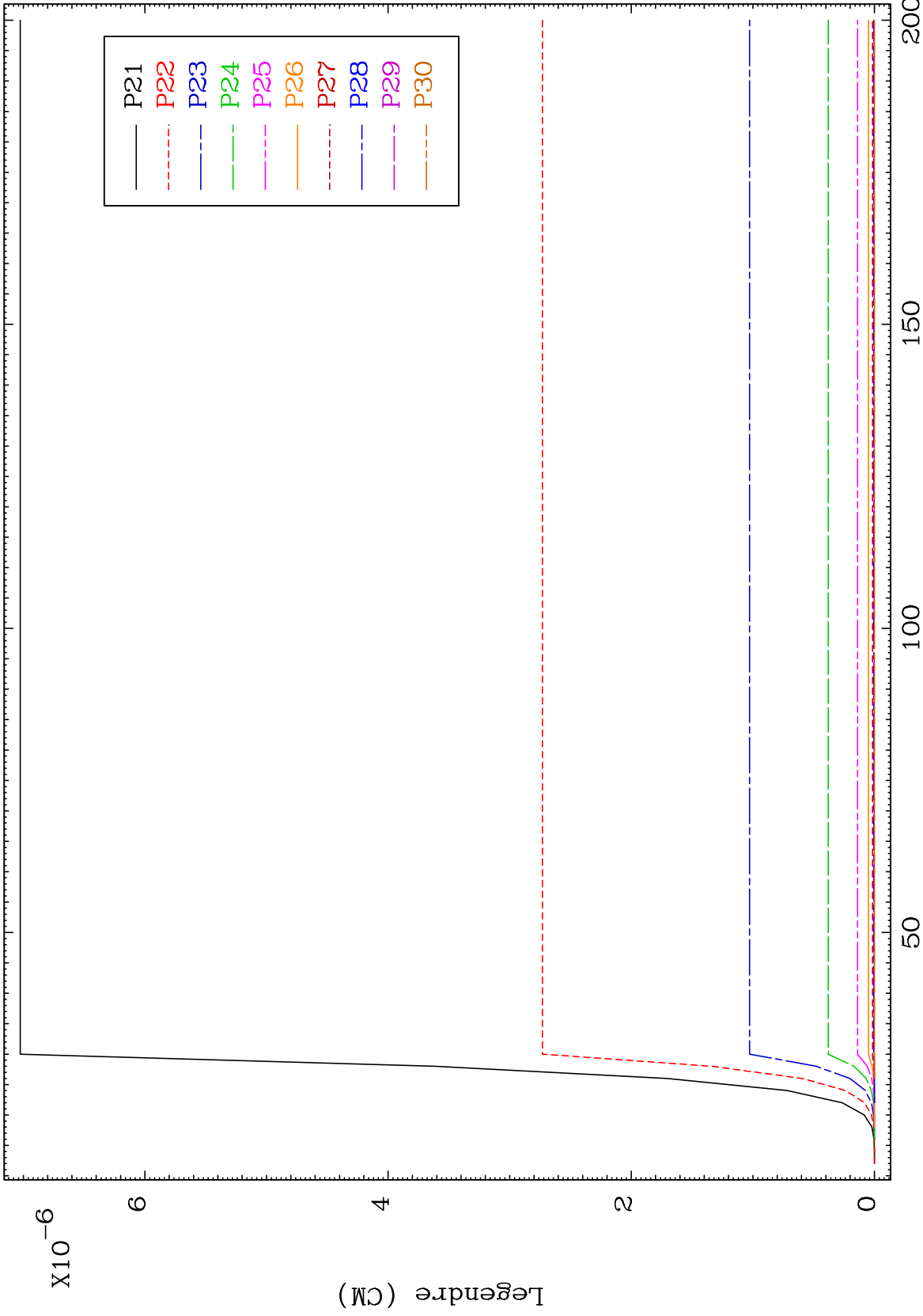
18-Ar-41



MAT 1840

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

18-Ar-41



62

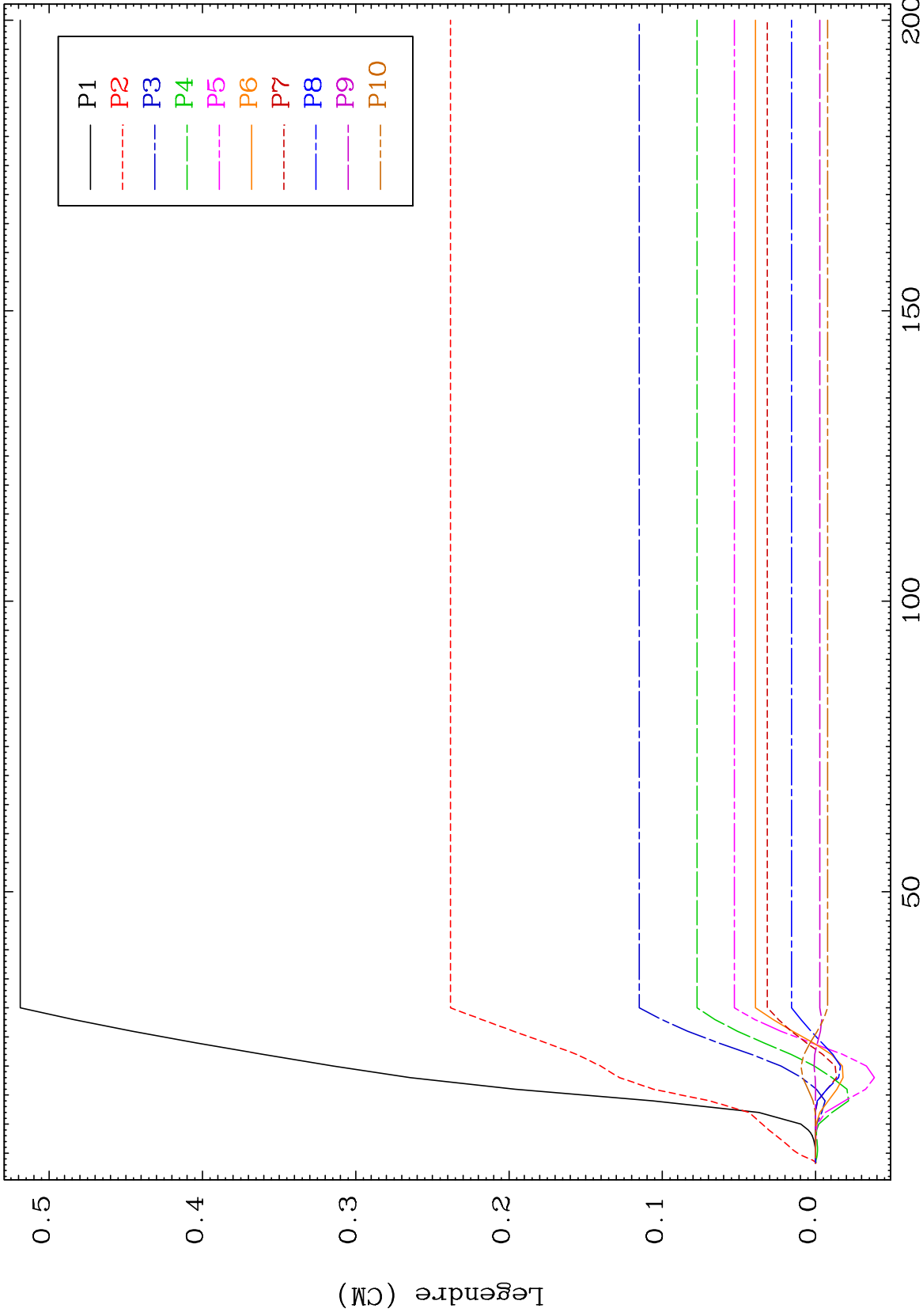
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



63

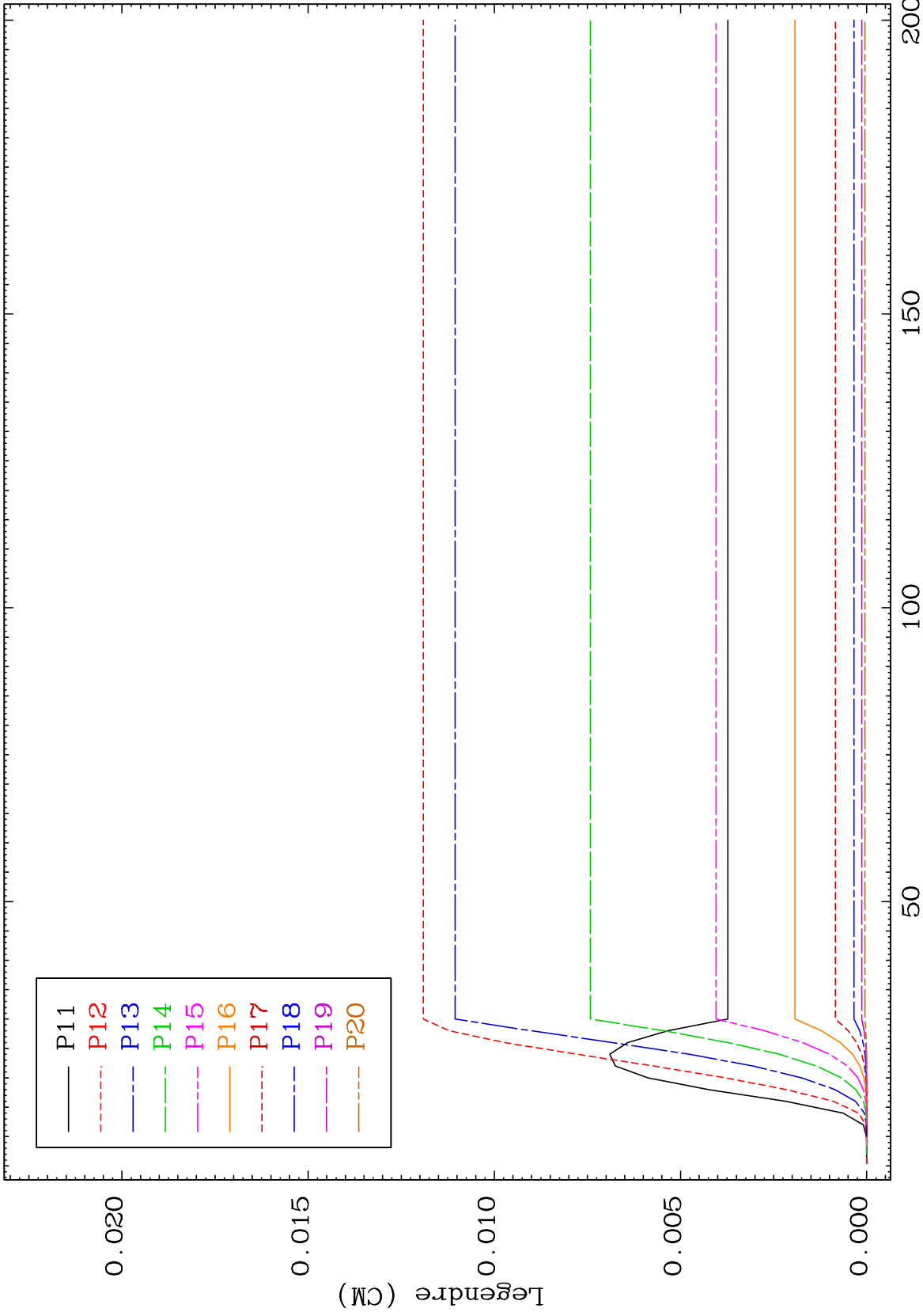
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



64

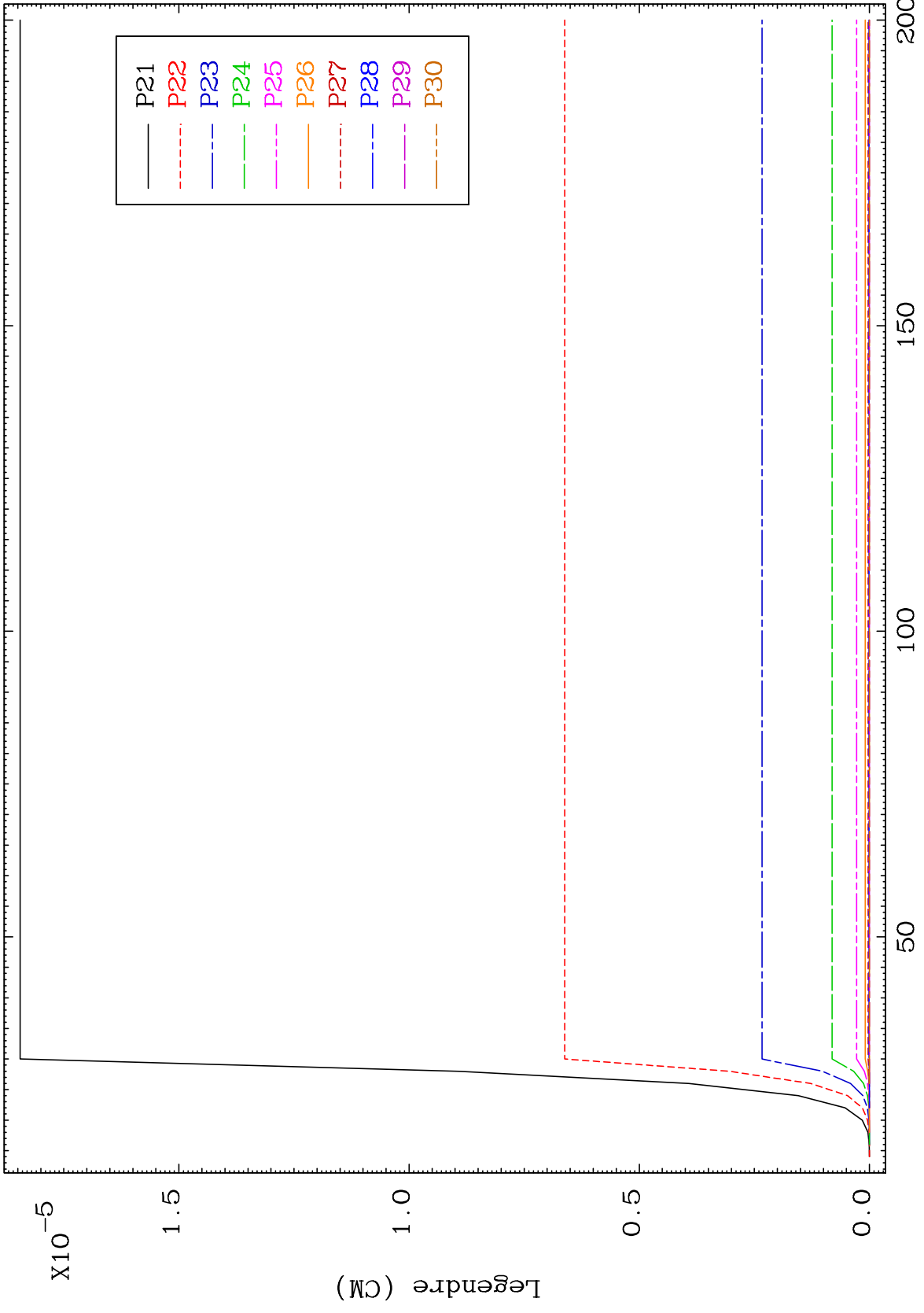
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



65

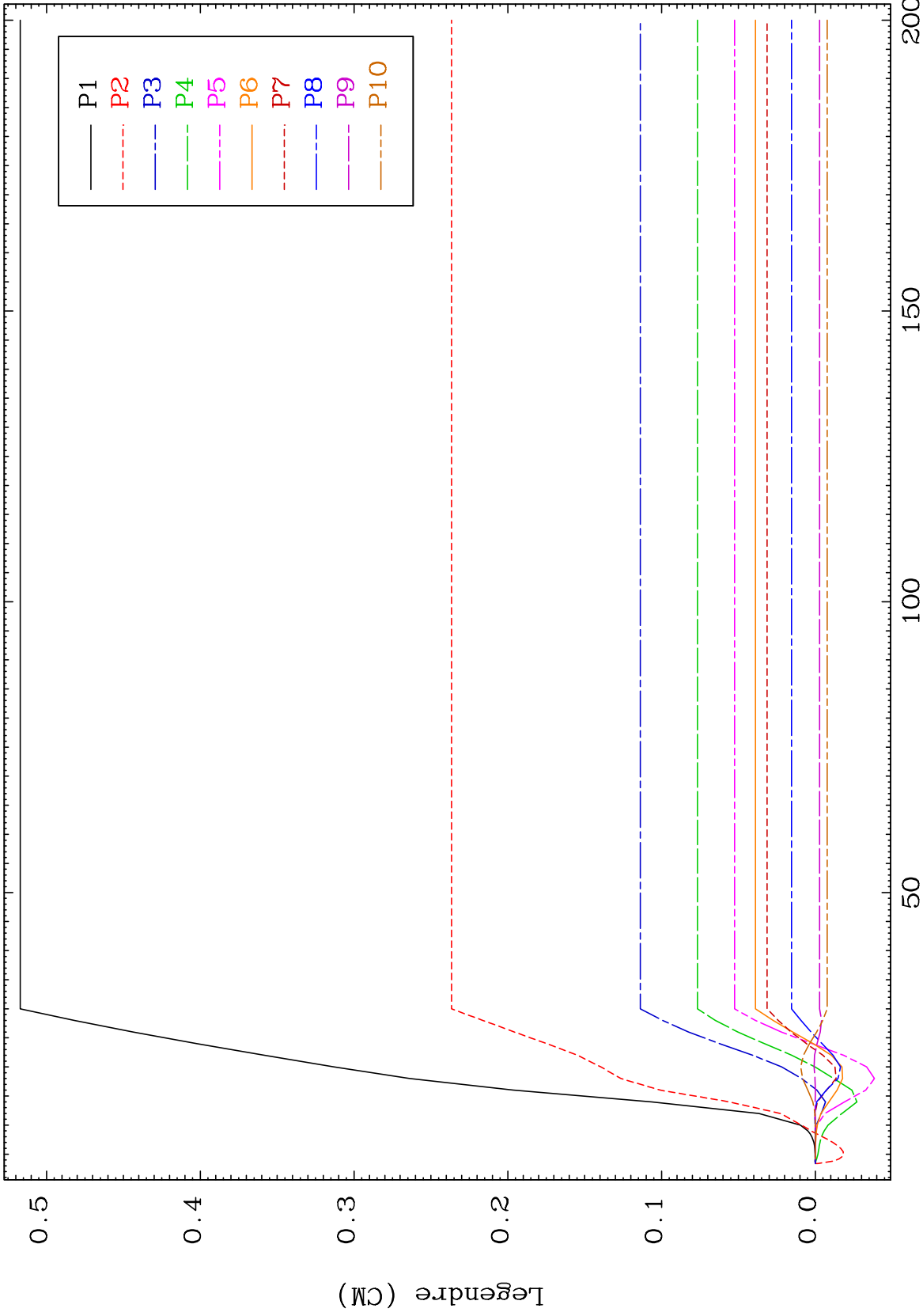
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



66

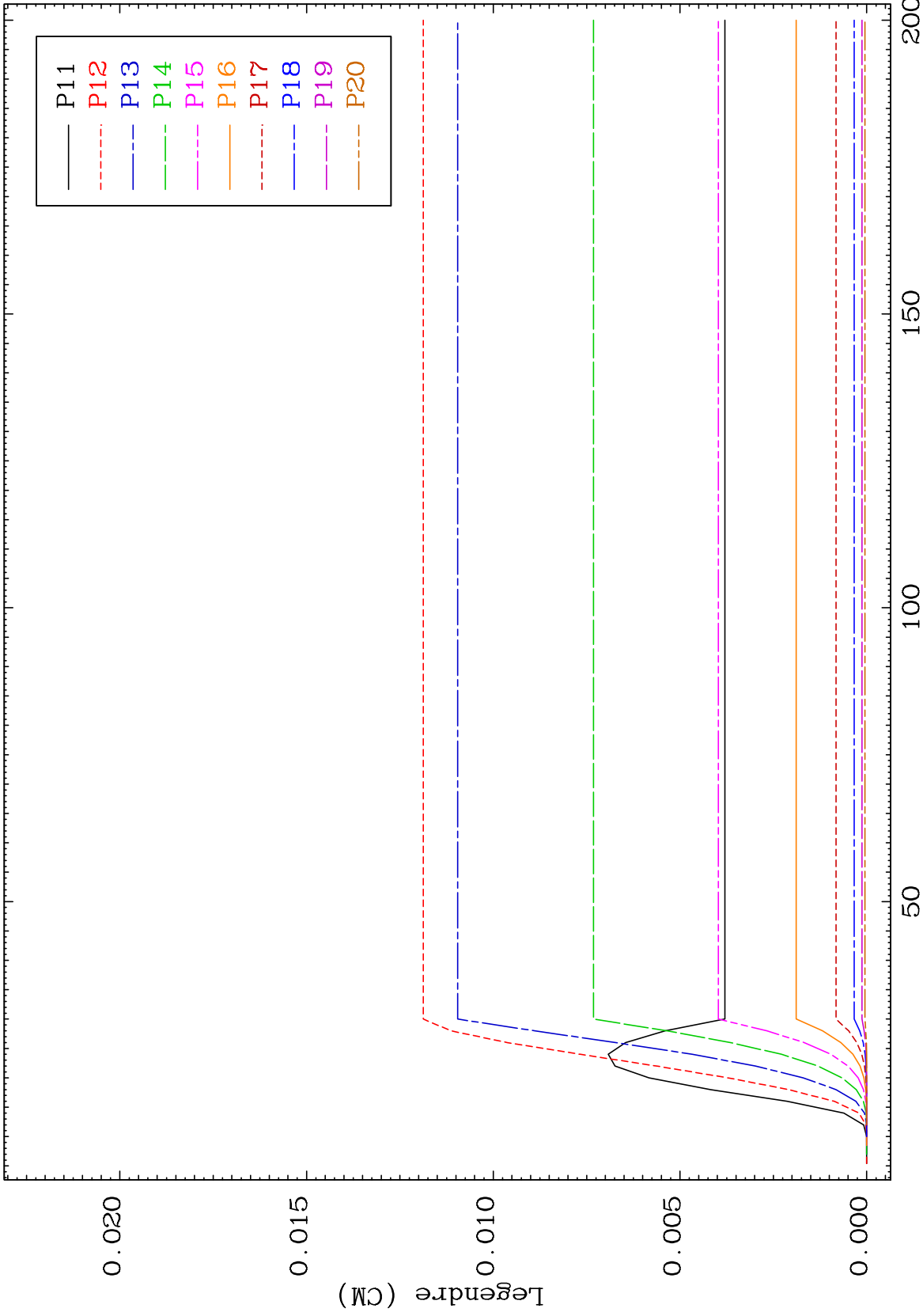
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



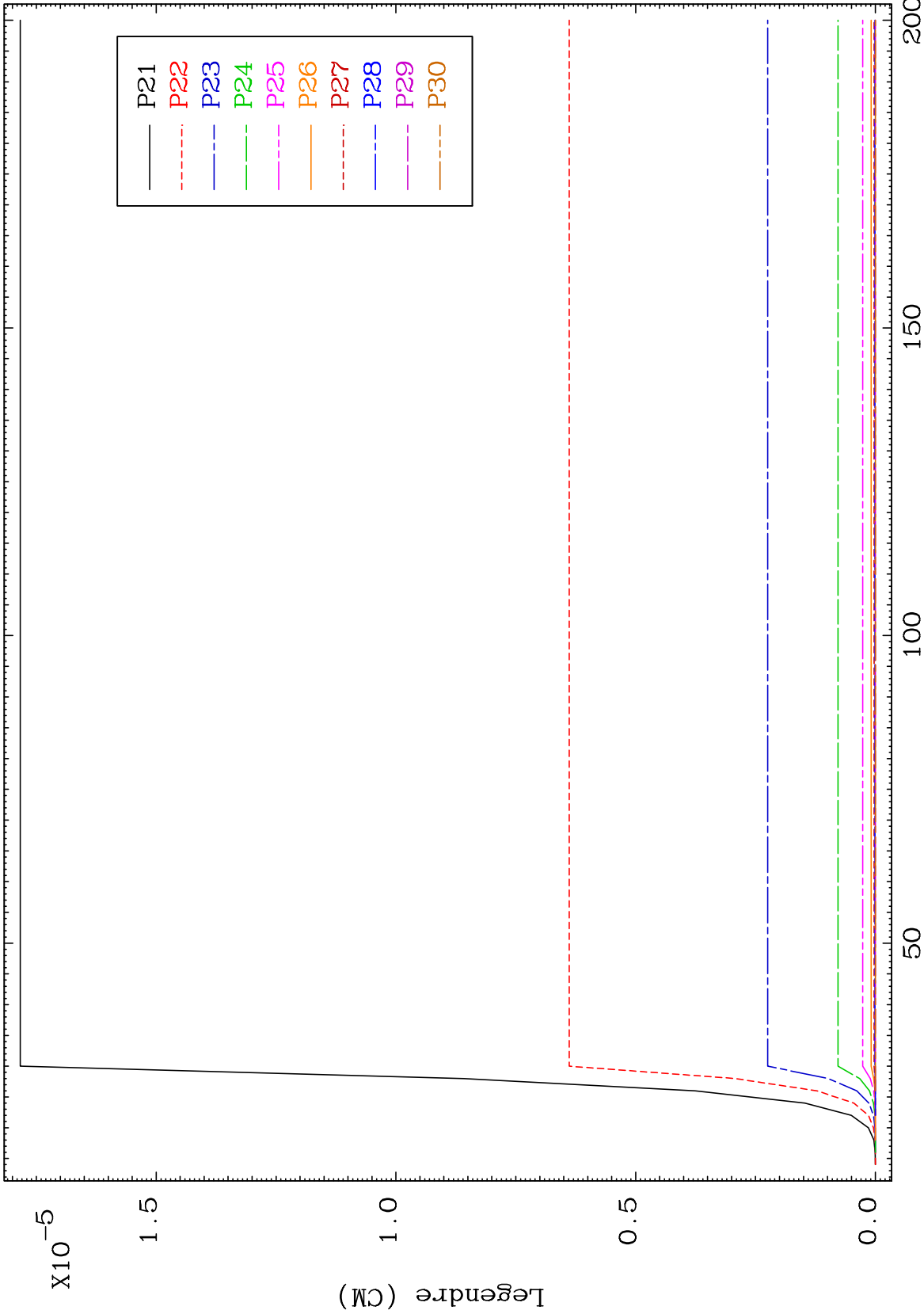
67

18-Ar-41

MAT 1840

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

18-Ar-41



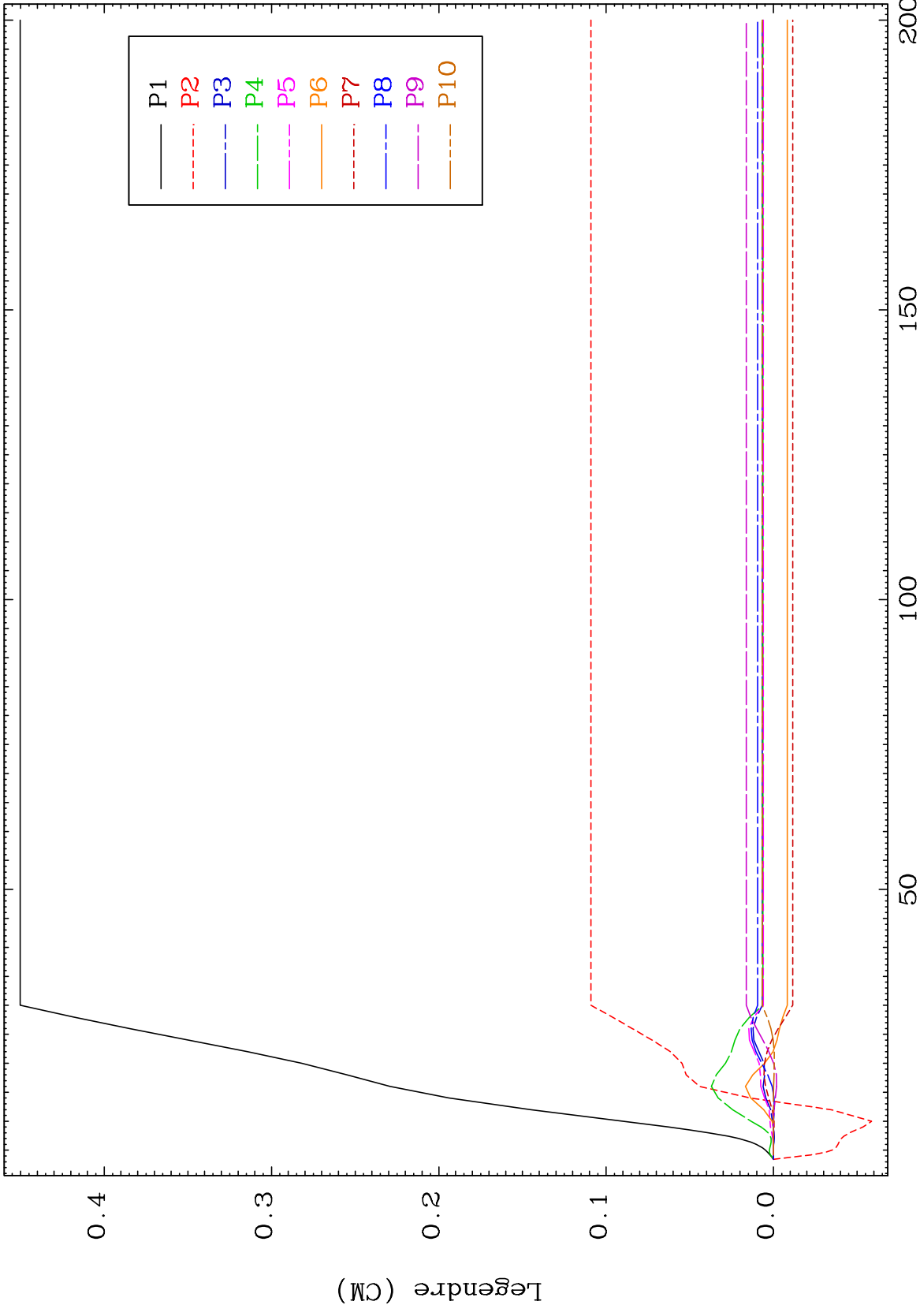
68

18-Ar-41

MAT 1840

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

18-Ar-41

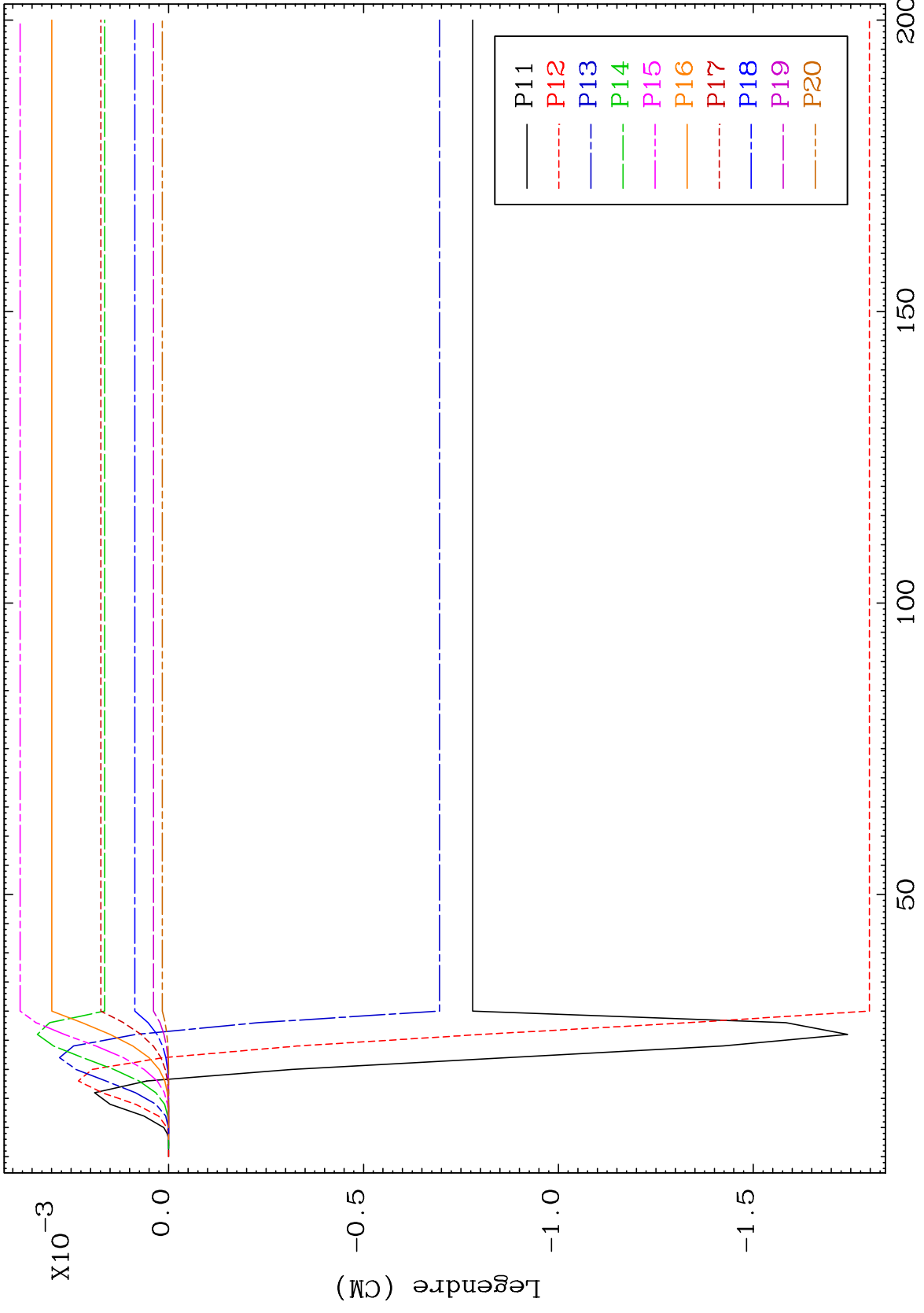


69

Incident Energy (MeV)

18-Ar-41

MAT 1840 MT= 68 (n,n') Level Legendre Coefficients 18-Ar-41

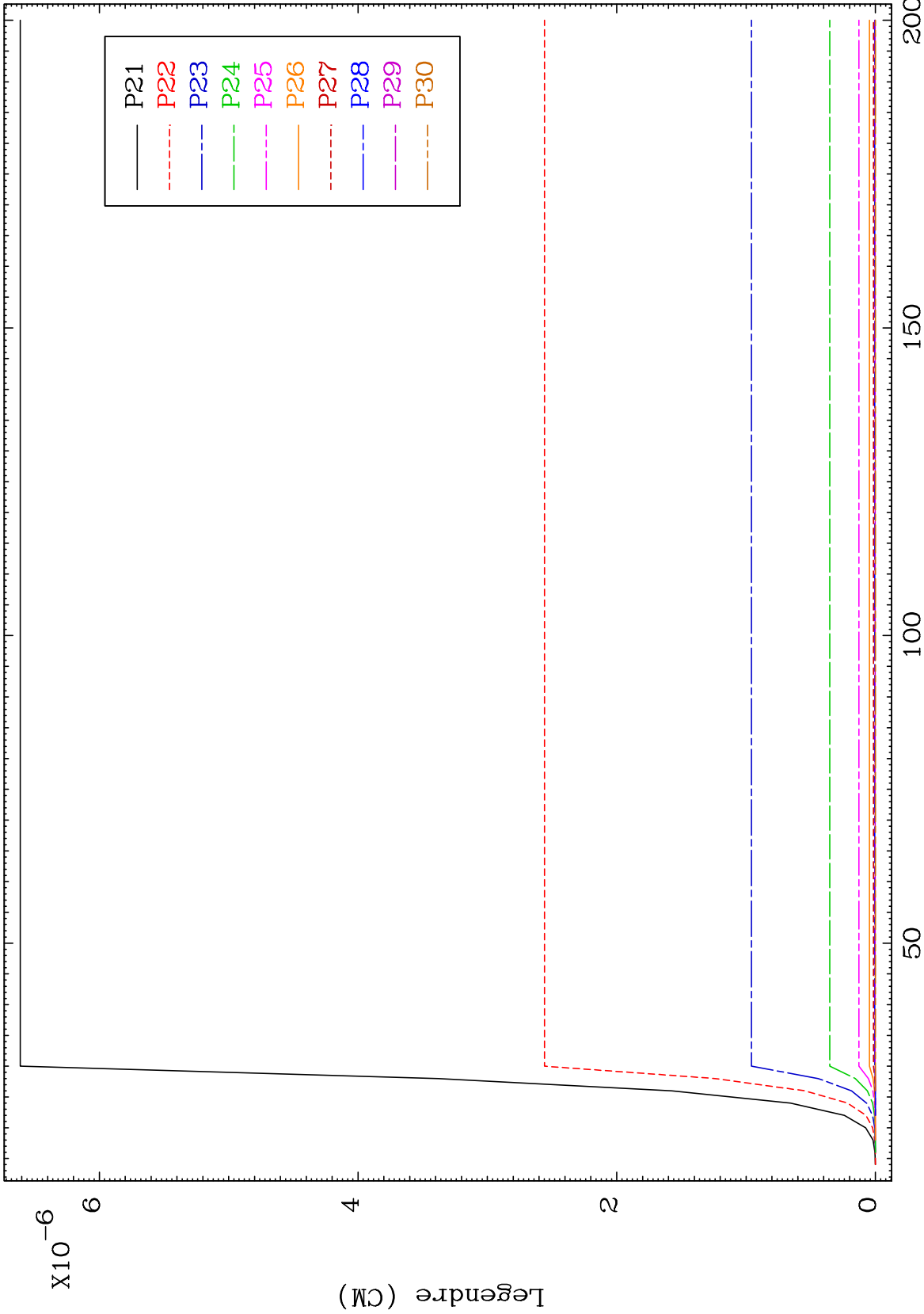


70 50 100 150 200 18-Ar-41

MAT 1840

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

18-Ar-41



71

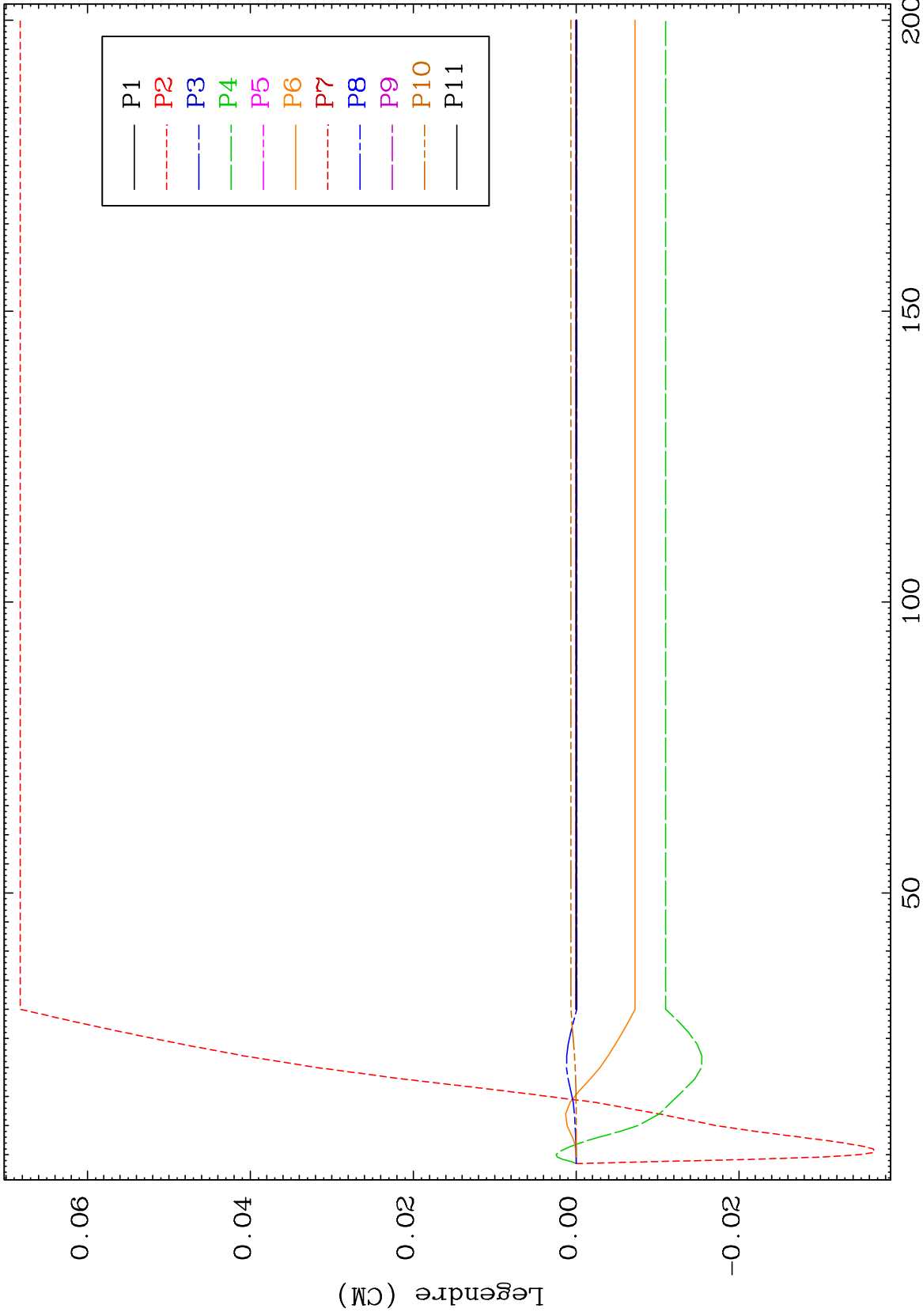
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

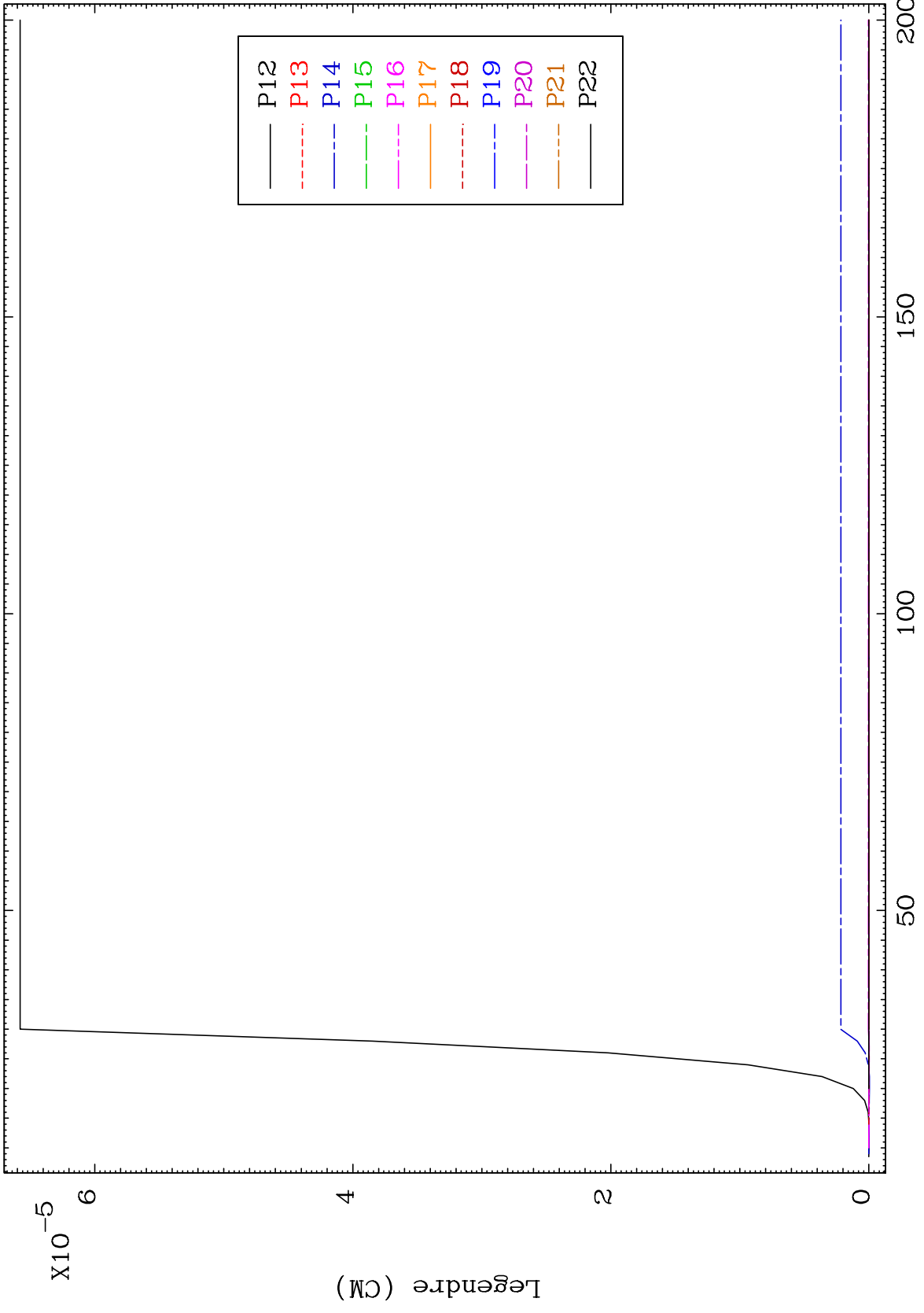
18-Ar-41



MAT 1840

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

18-Ar-41



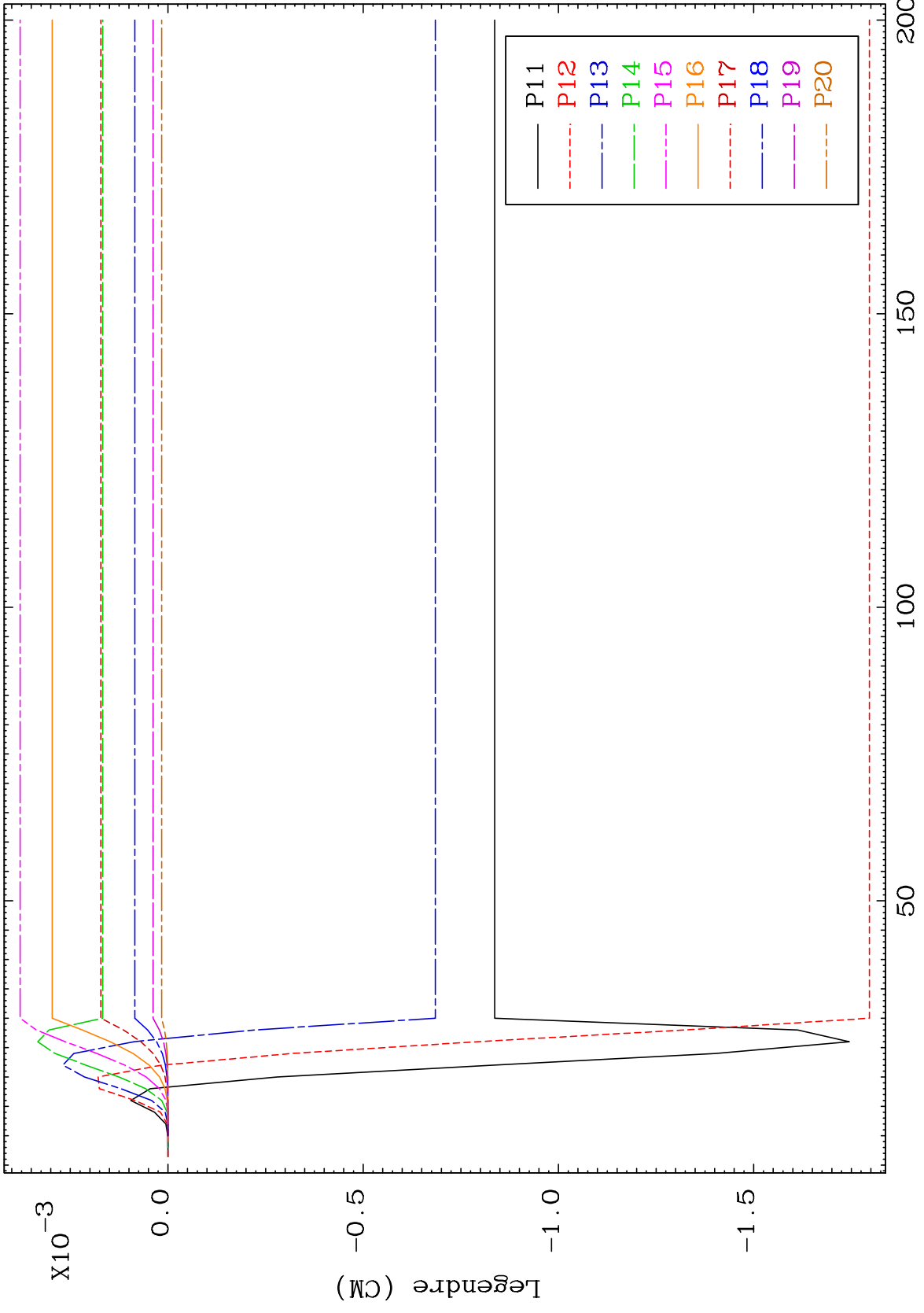
73

Incident Energy (MeV)

18-Ar-41



MAT 1840 MT= 70 (n,n') Level Legendre Coefficients 18-Ar-41

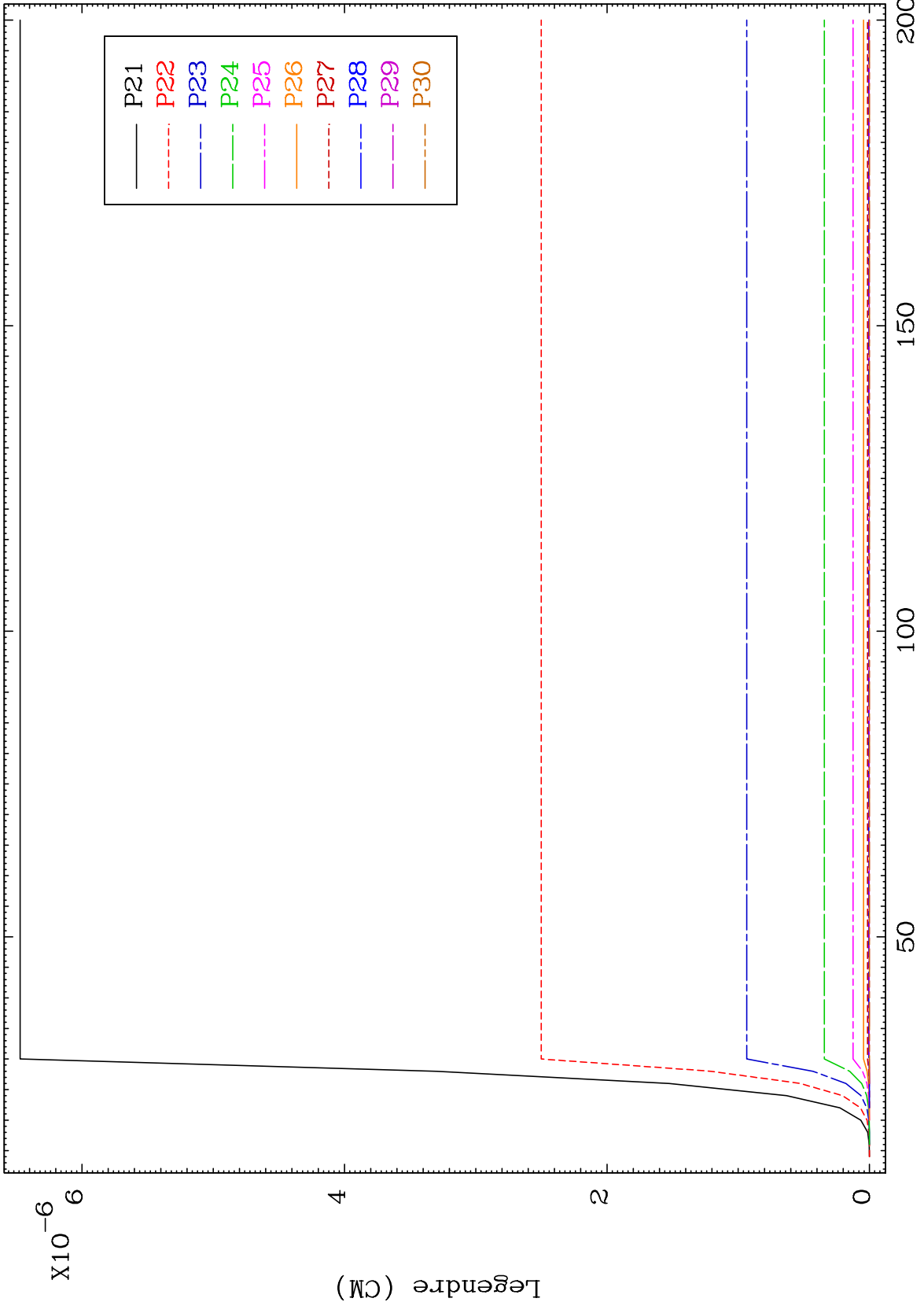


75 18-Ar-41

MAT 1840

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

18-Ar-41



76

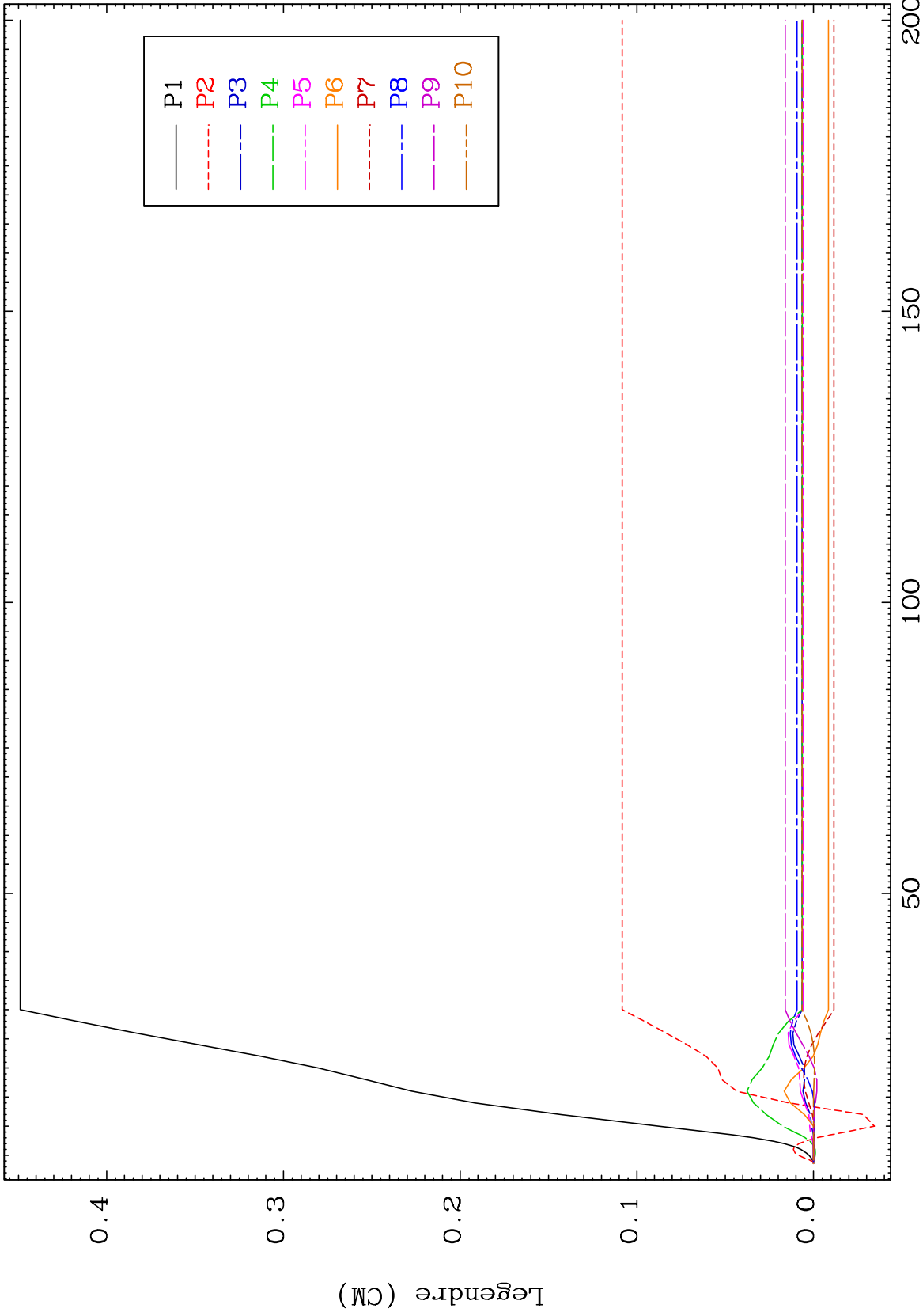
18-Ar-41

18-Ar-41

MAT 1840

MT= 71 (n,n') Level  
Legendre Coefficients

18-Ar-41

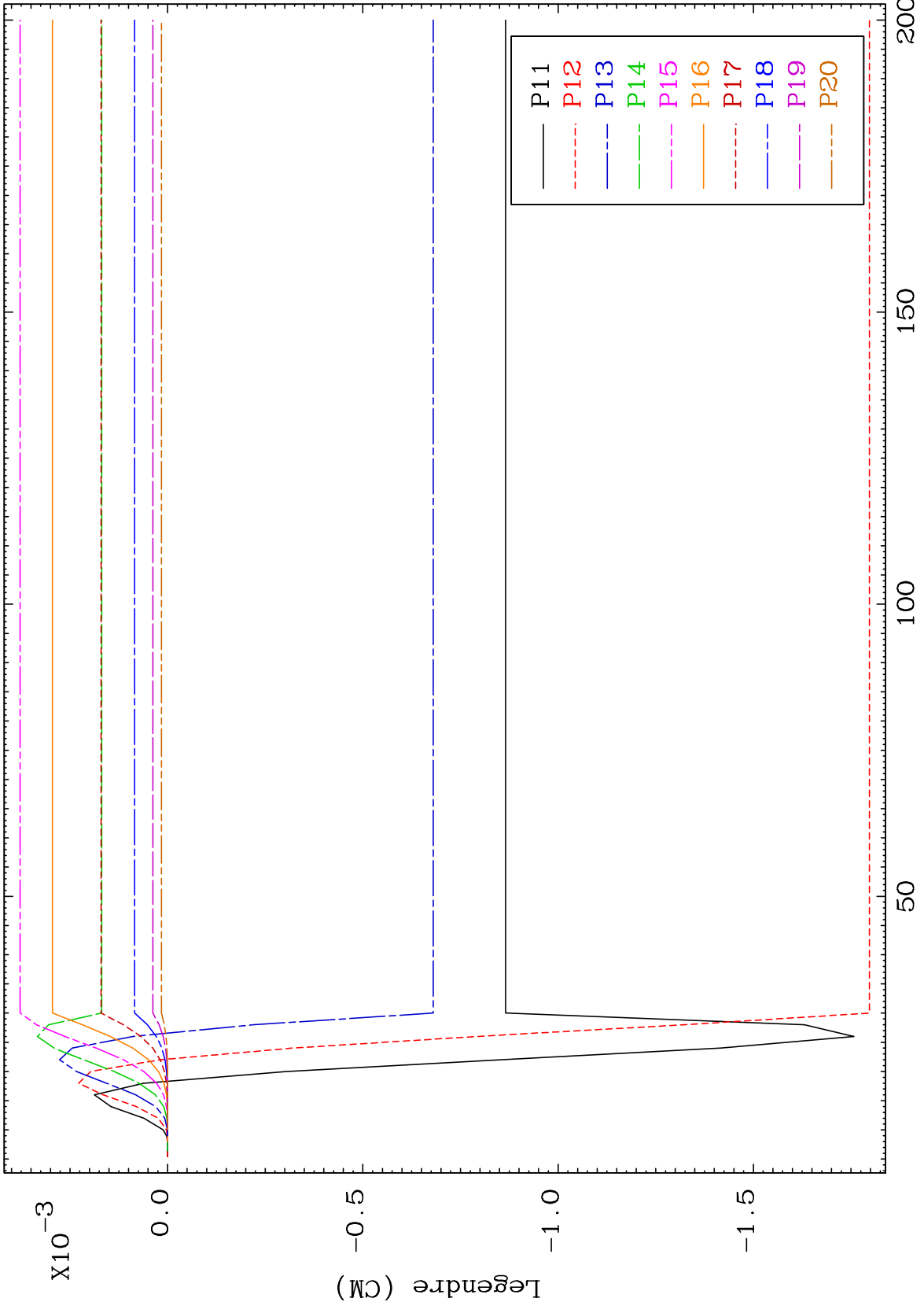


77

Incident Energy (MeV)

18-Ar-41

MAT 1840 MT= 71 (n,n') Level Legendre Coefficients 18-Ar-41

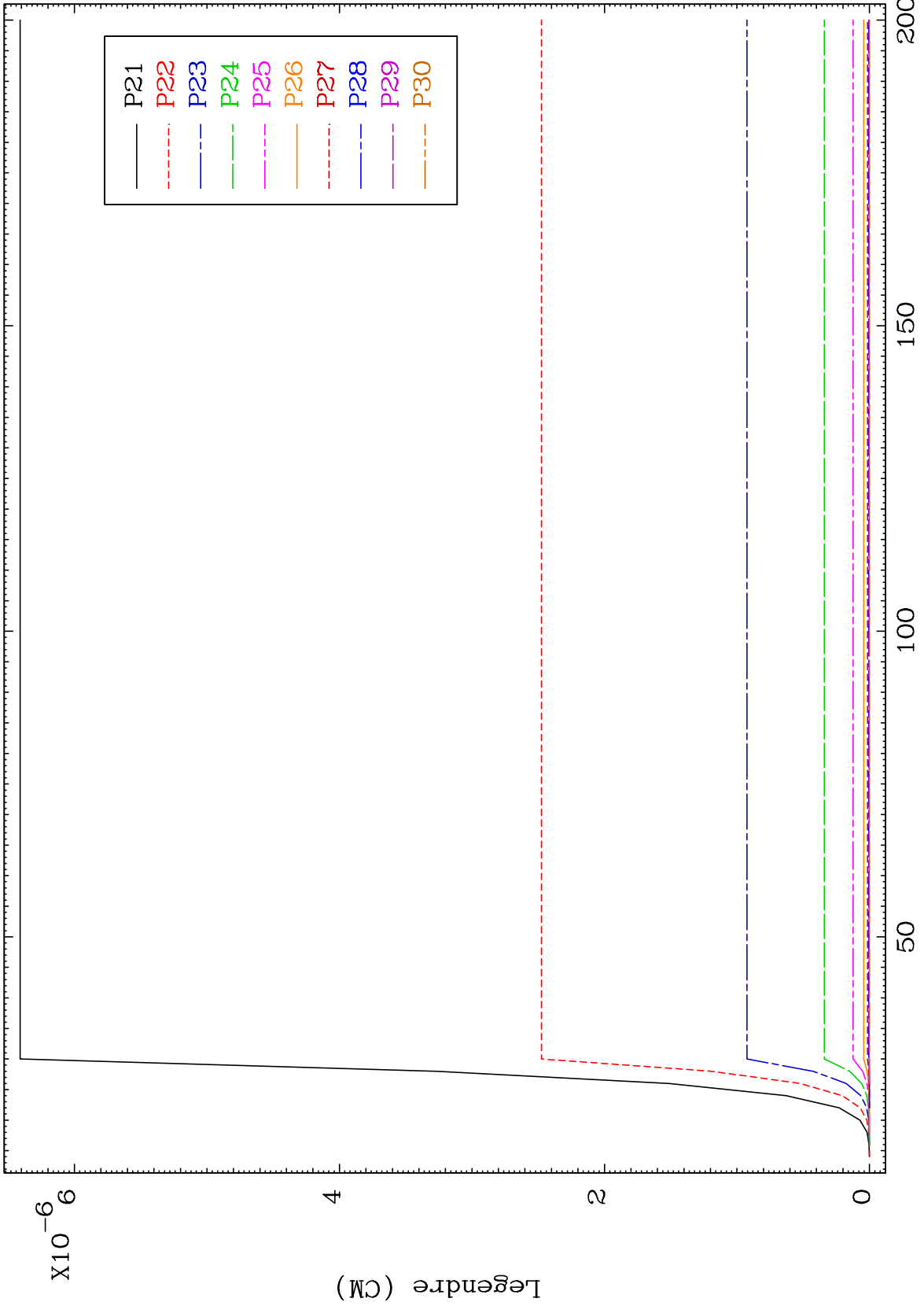


78 18-Ar-41

MAT 1840

MT= 71 (n,n') Level  
Legendre Coefficients

18-Ar-41



79

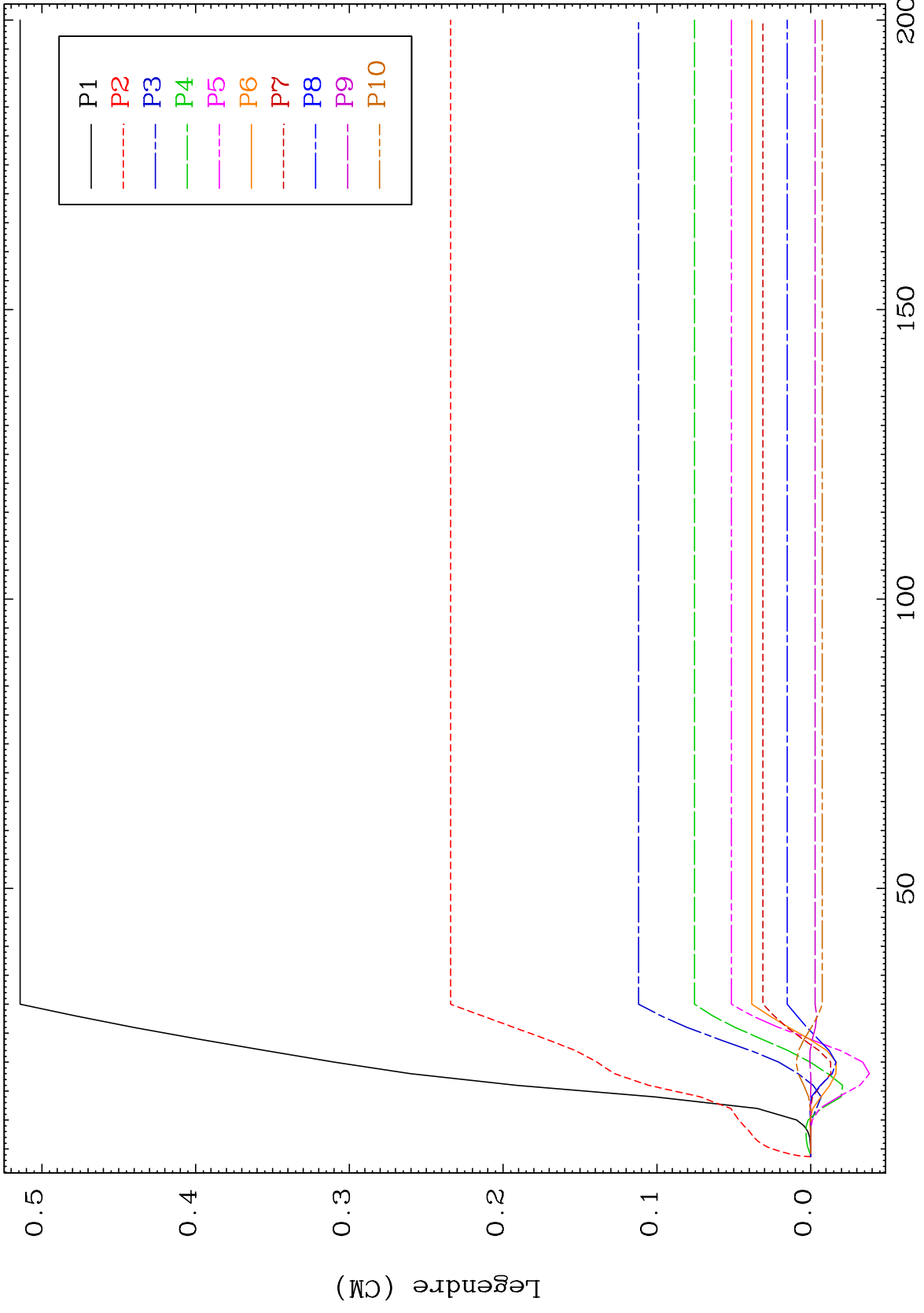
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



80

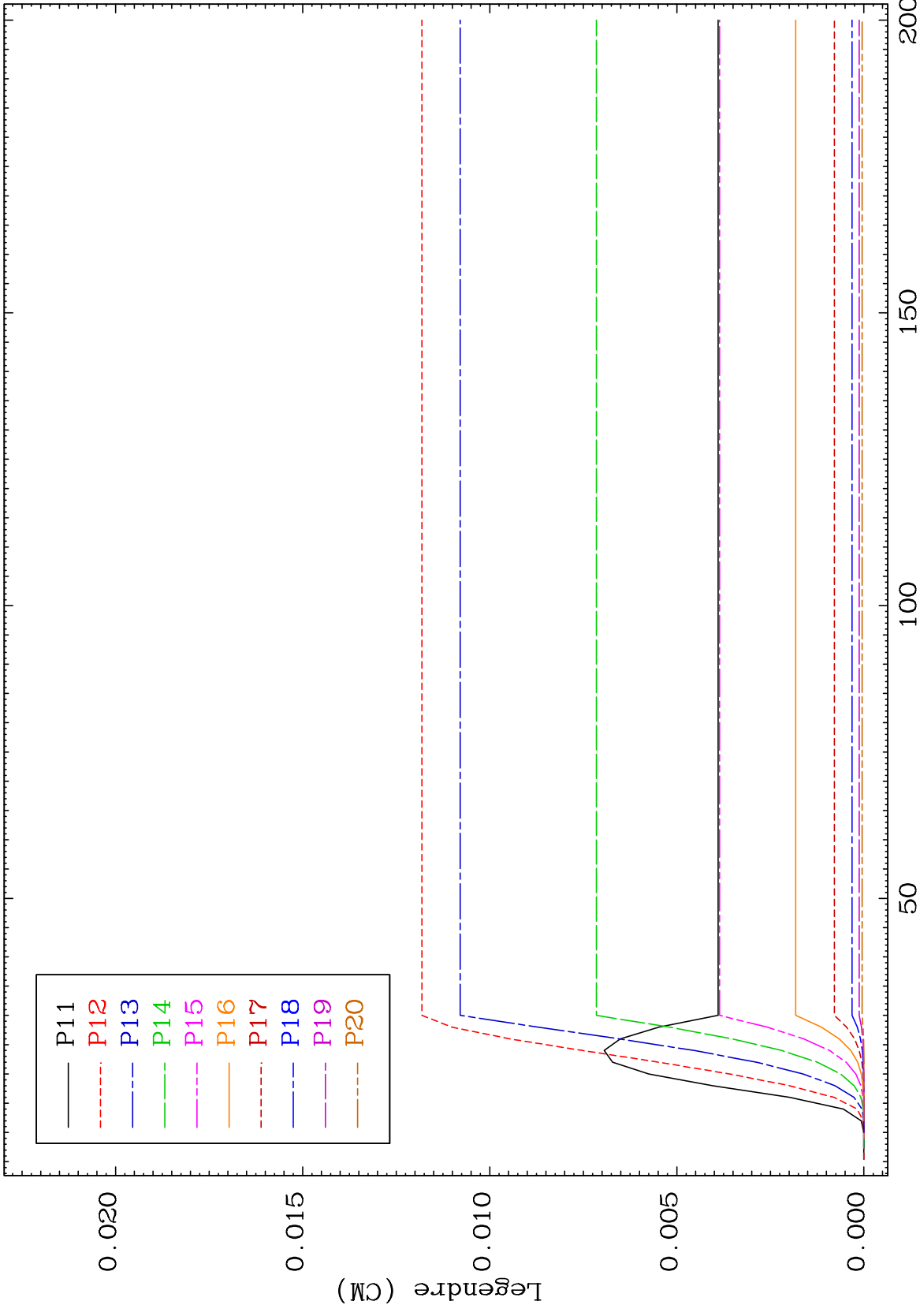
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



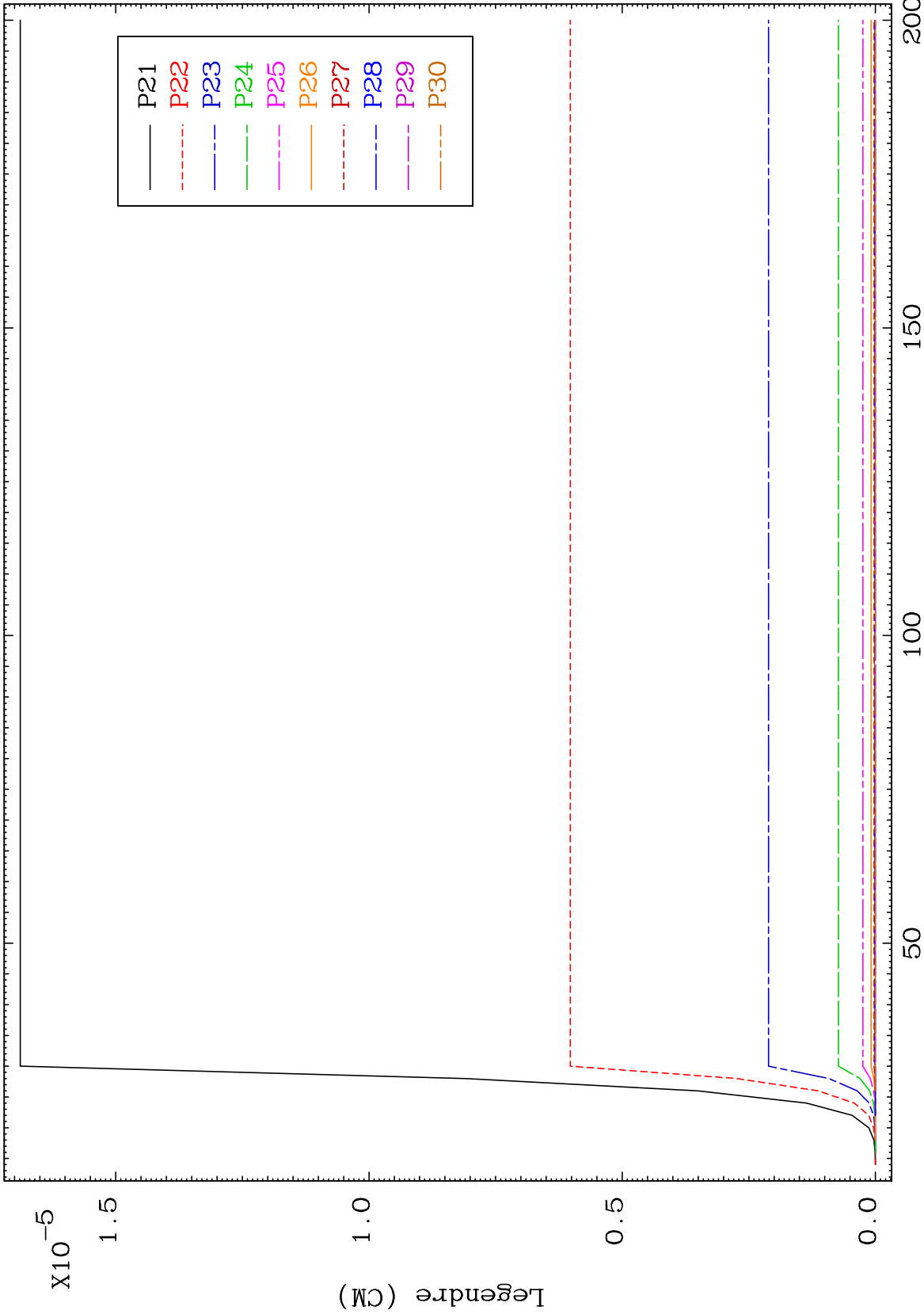
81

18-Ar-41

MAT 1840

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

18-Ar-41



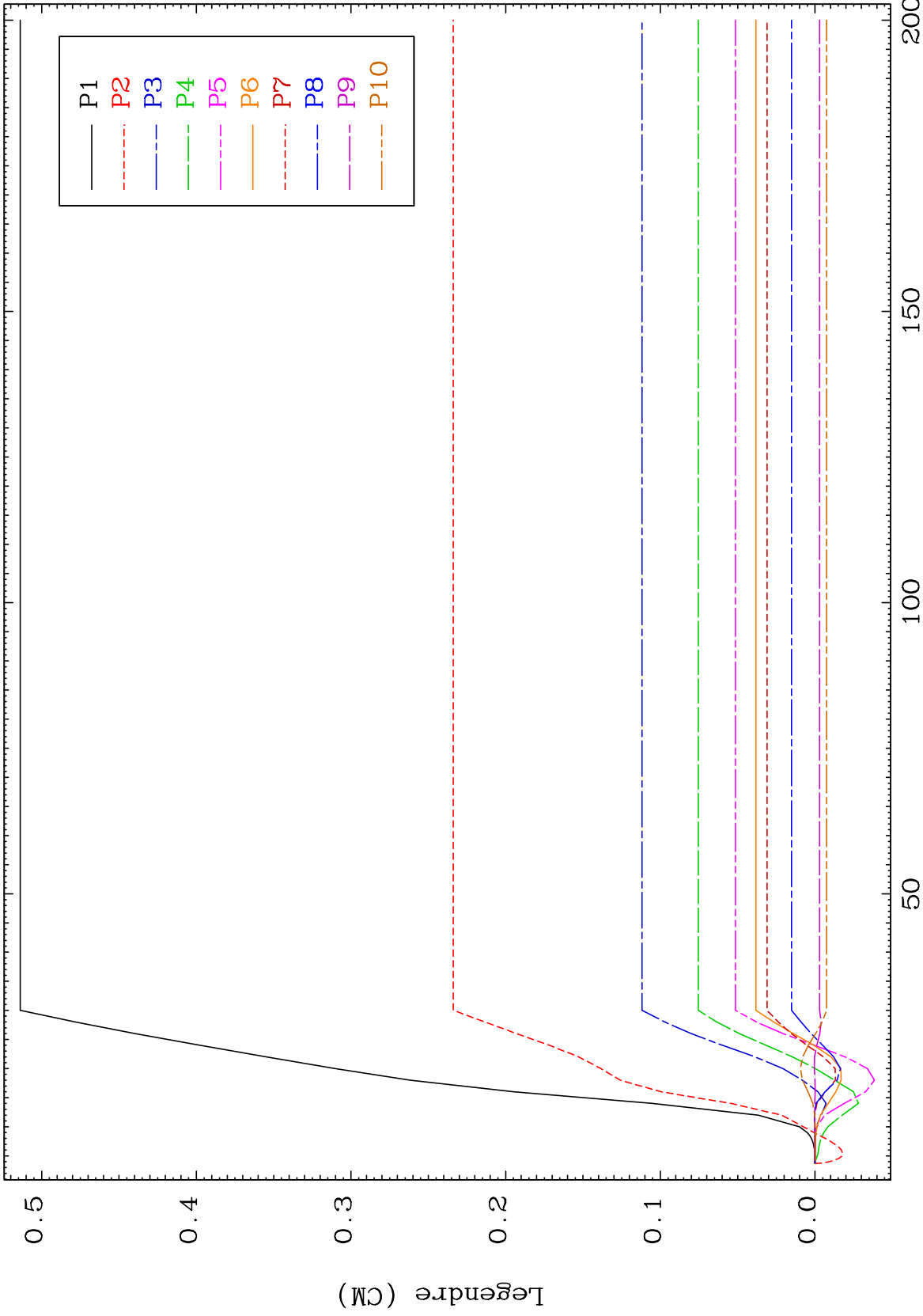
82

18-Ar-41

MAT 1840

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

18-Ar-41



83

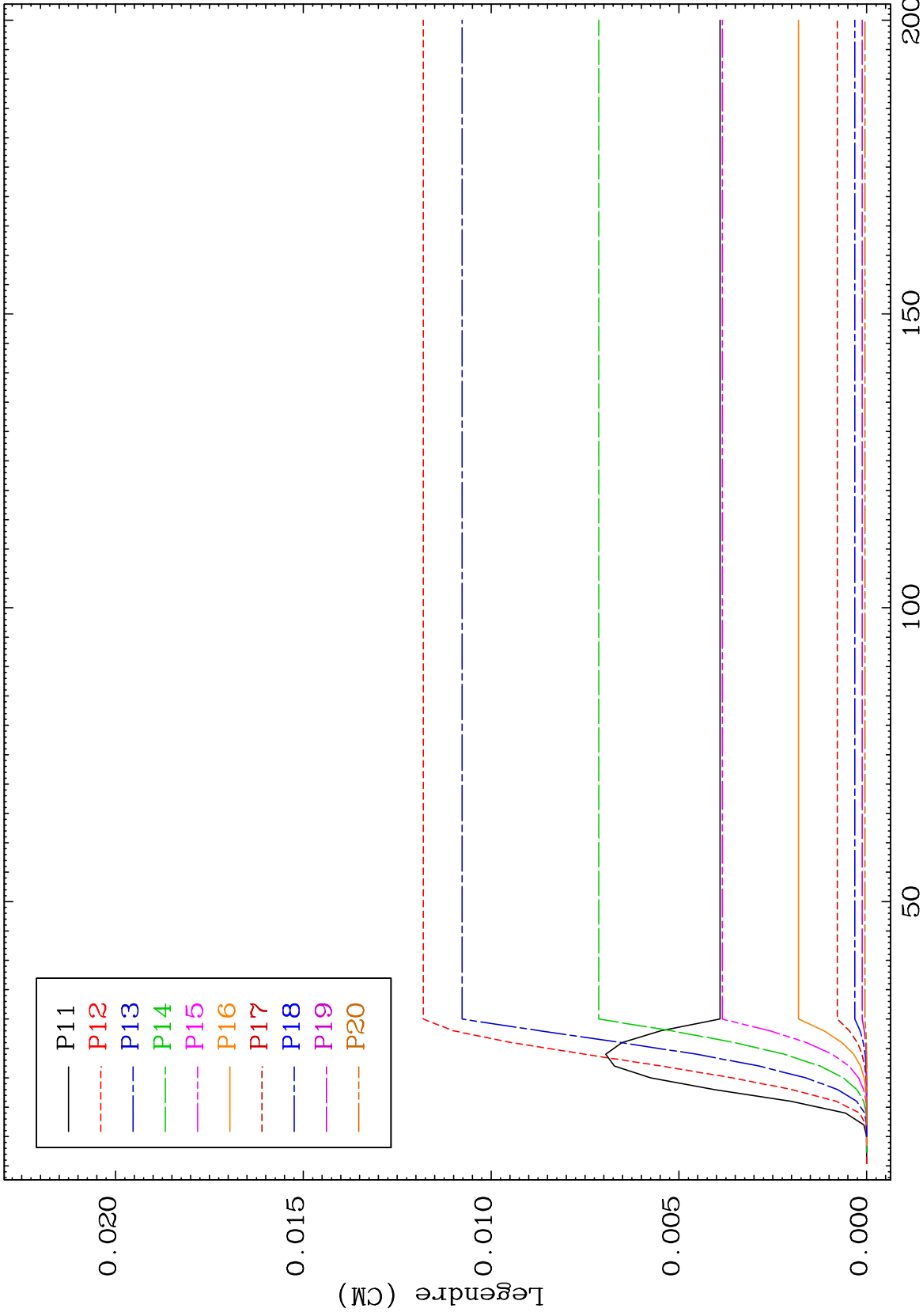
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



84

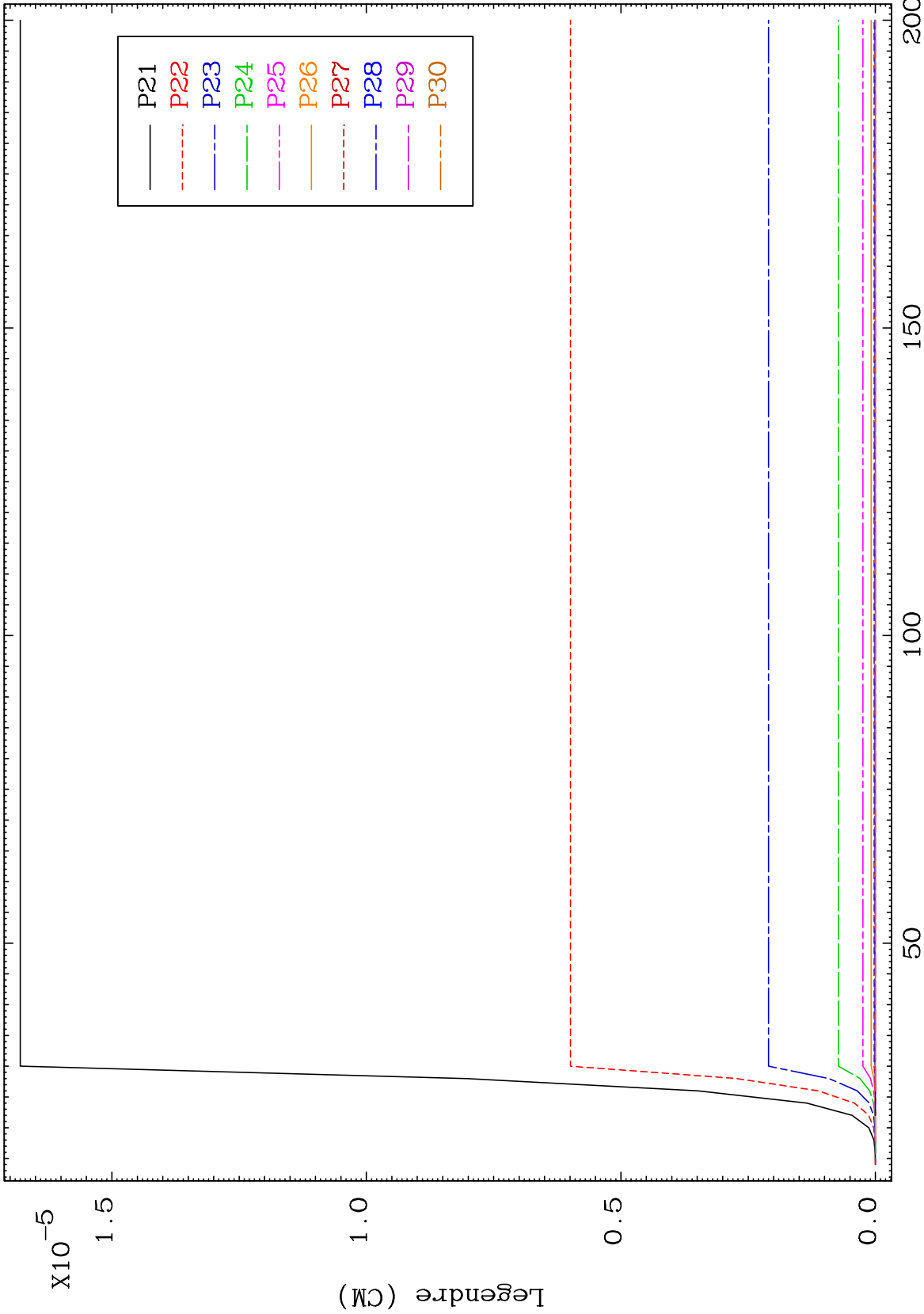
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



85

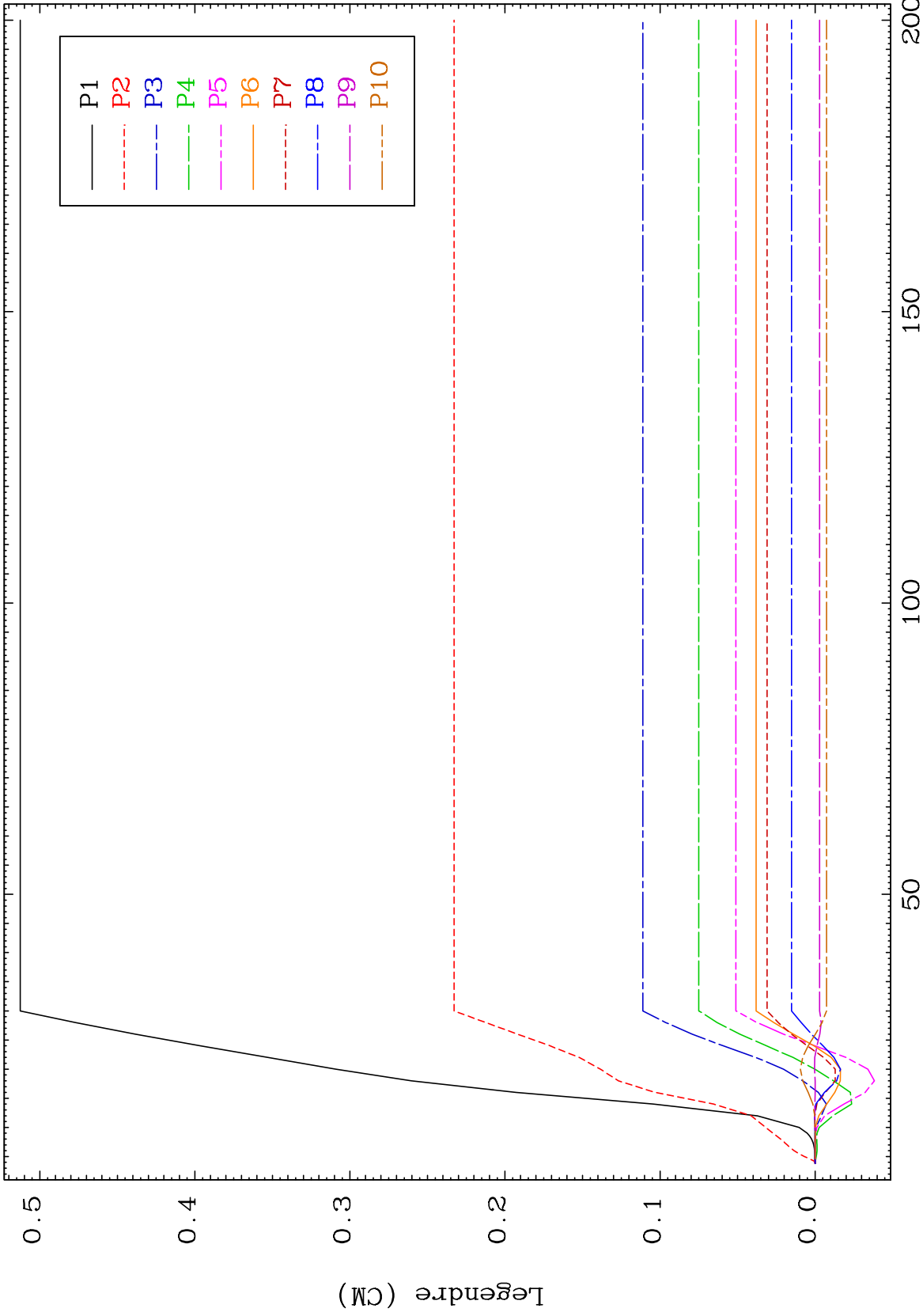
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



86

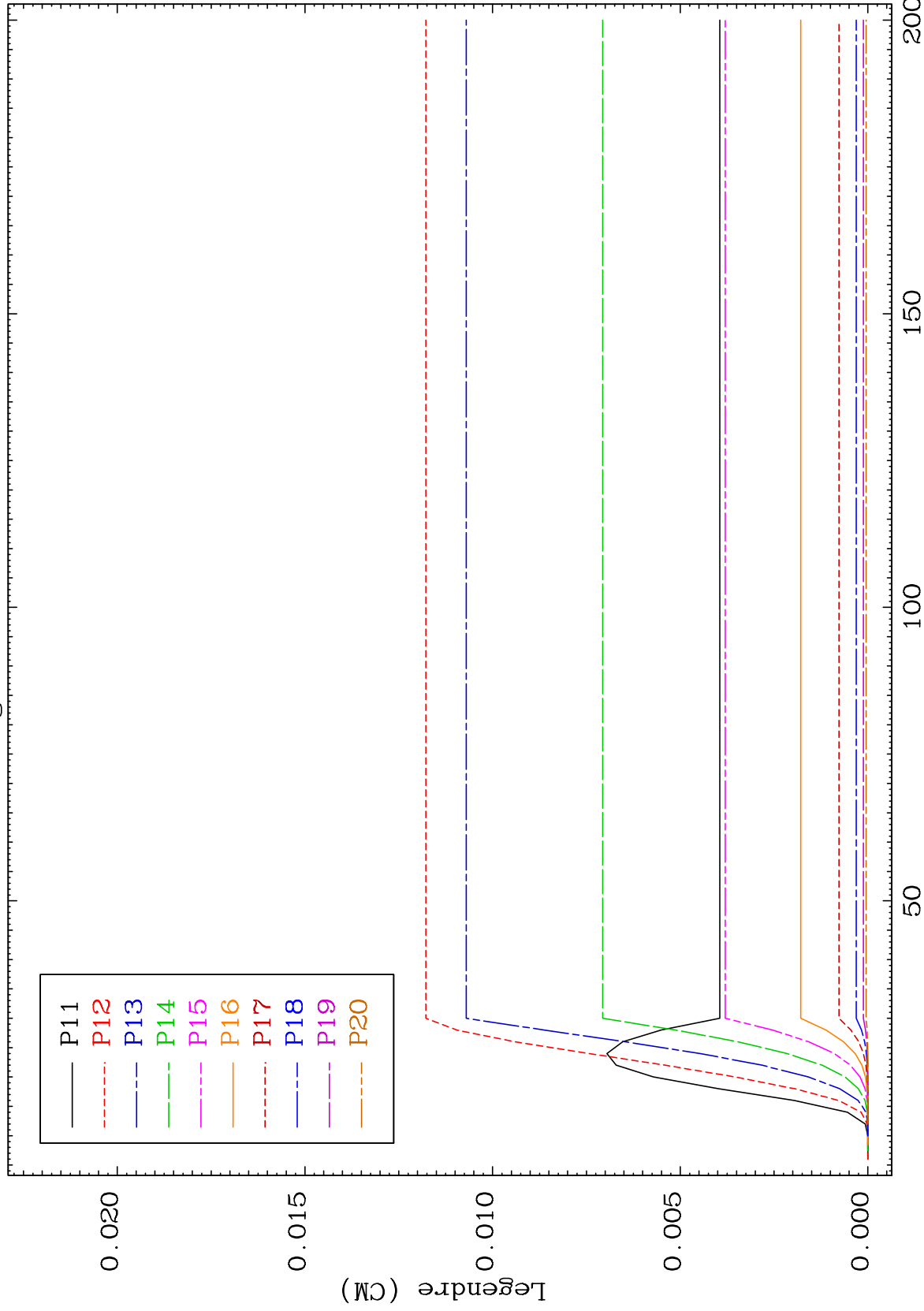
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



87

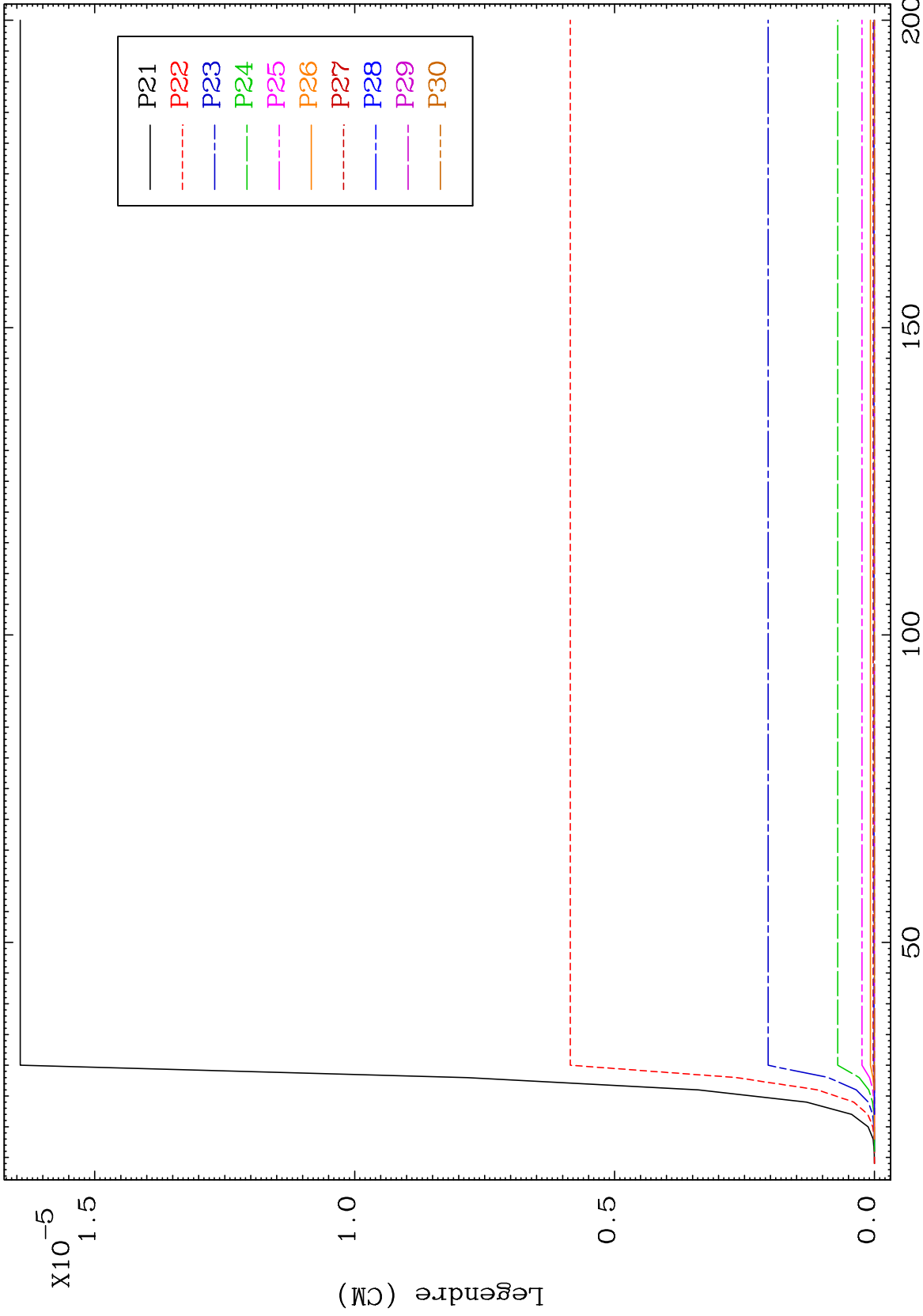
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



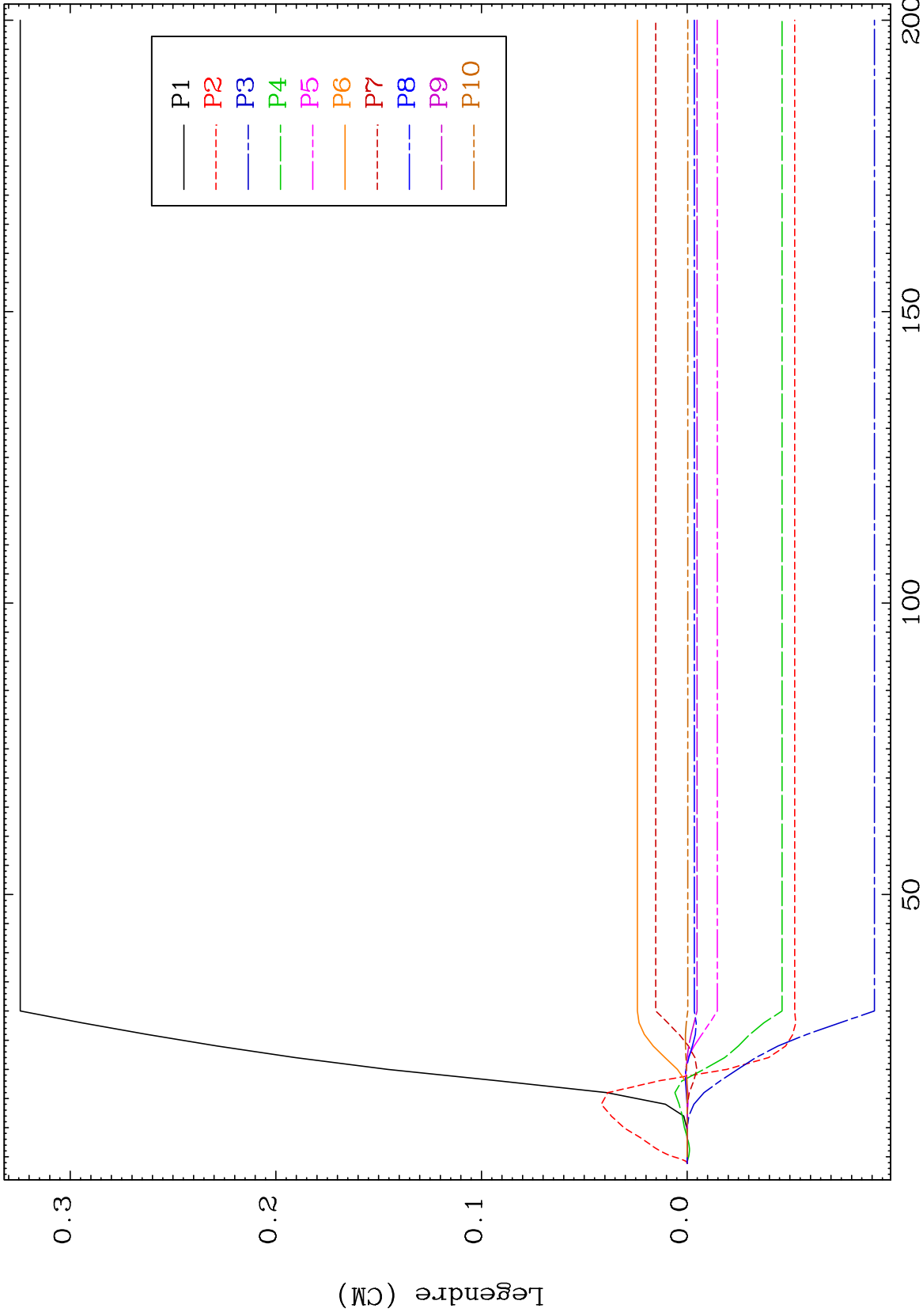
88

18-Ar-41

MAT 1840

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

18-Ar-41



89

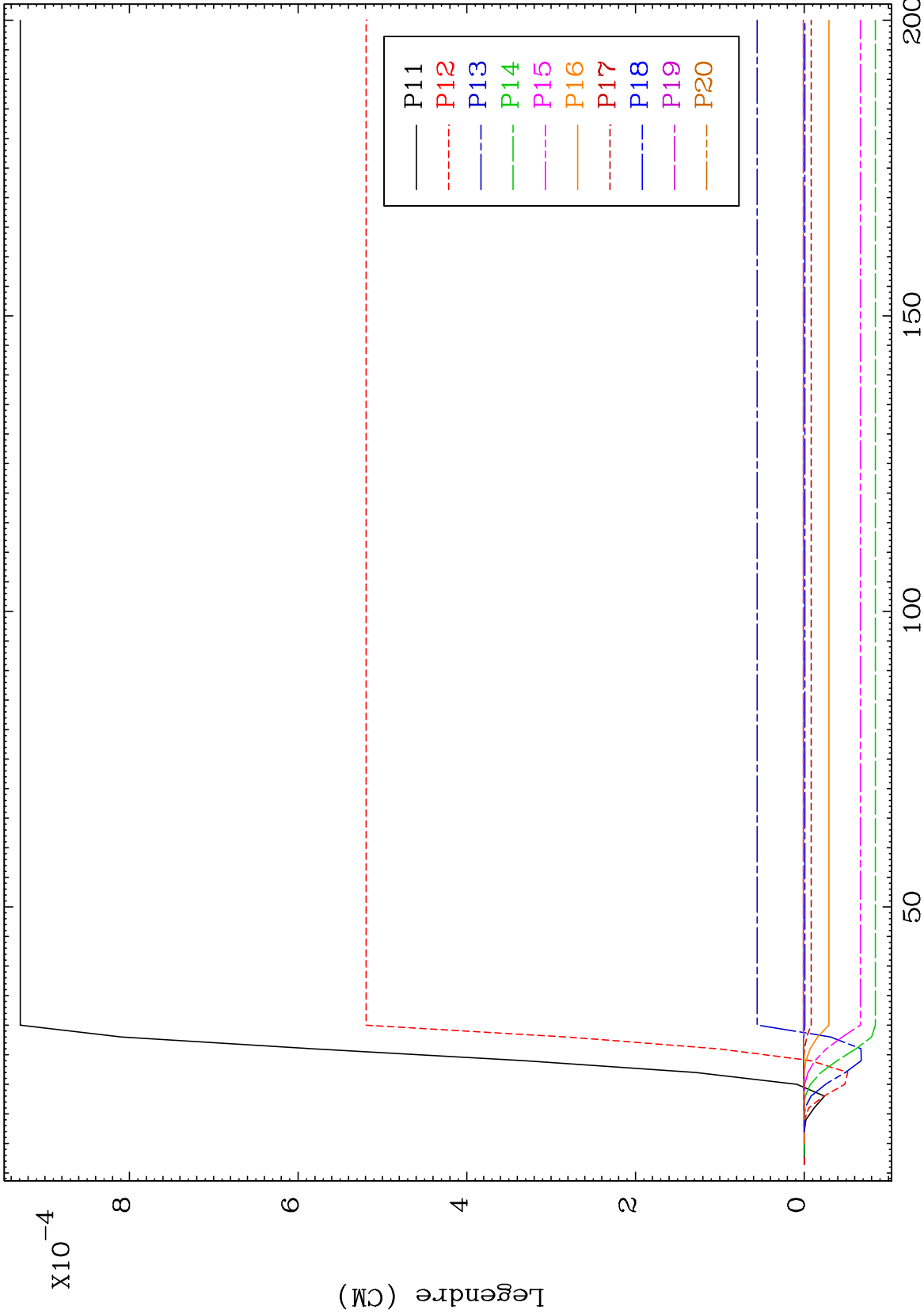
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



90

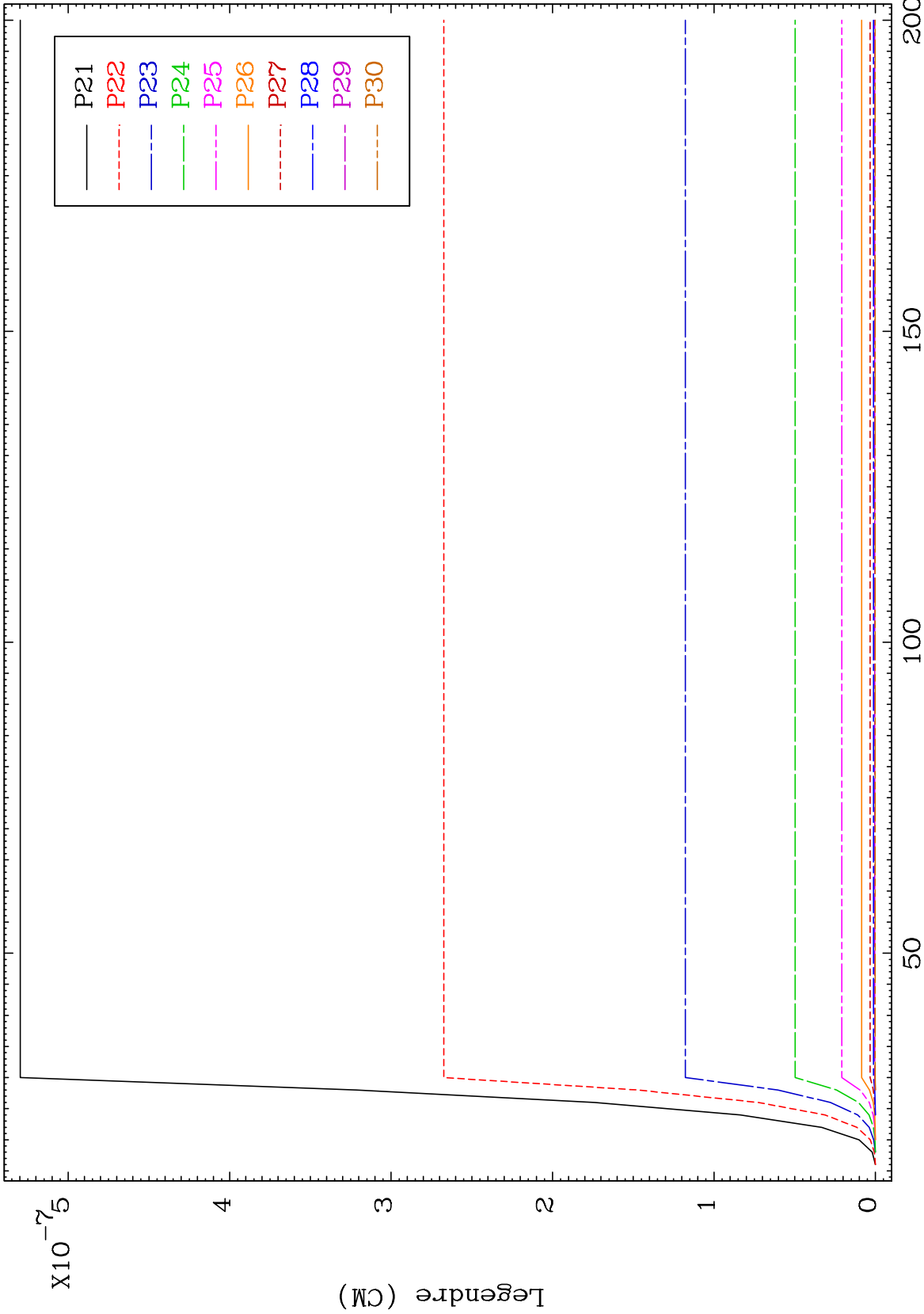
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



91

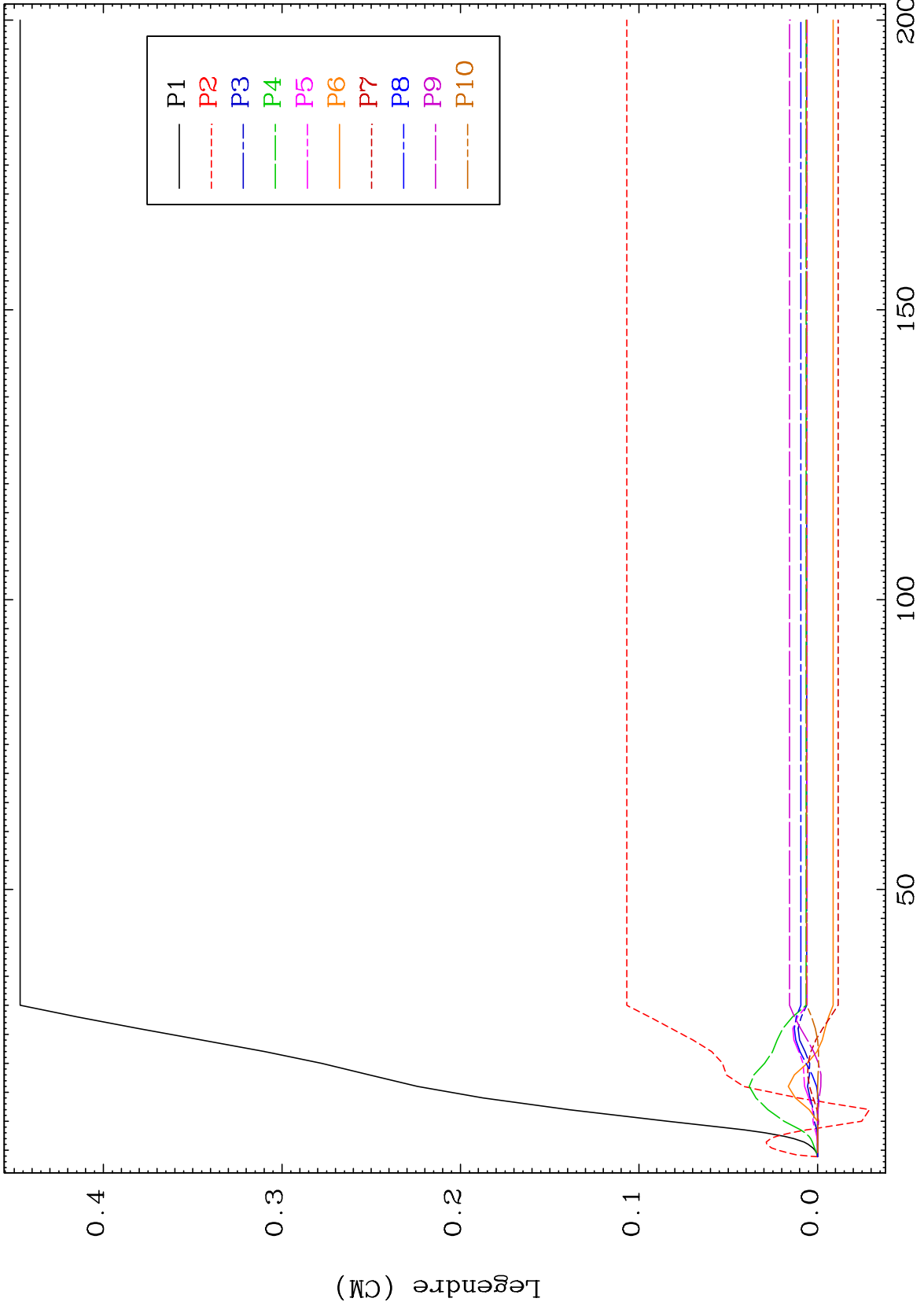
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



92

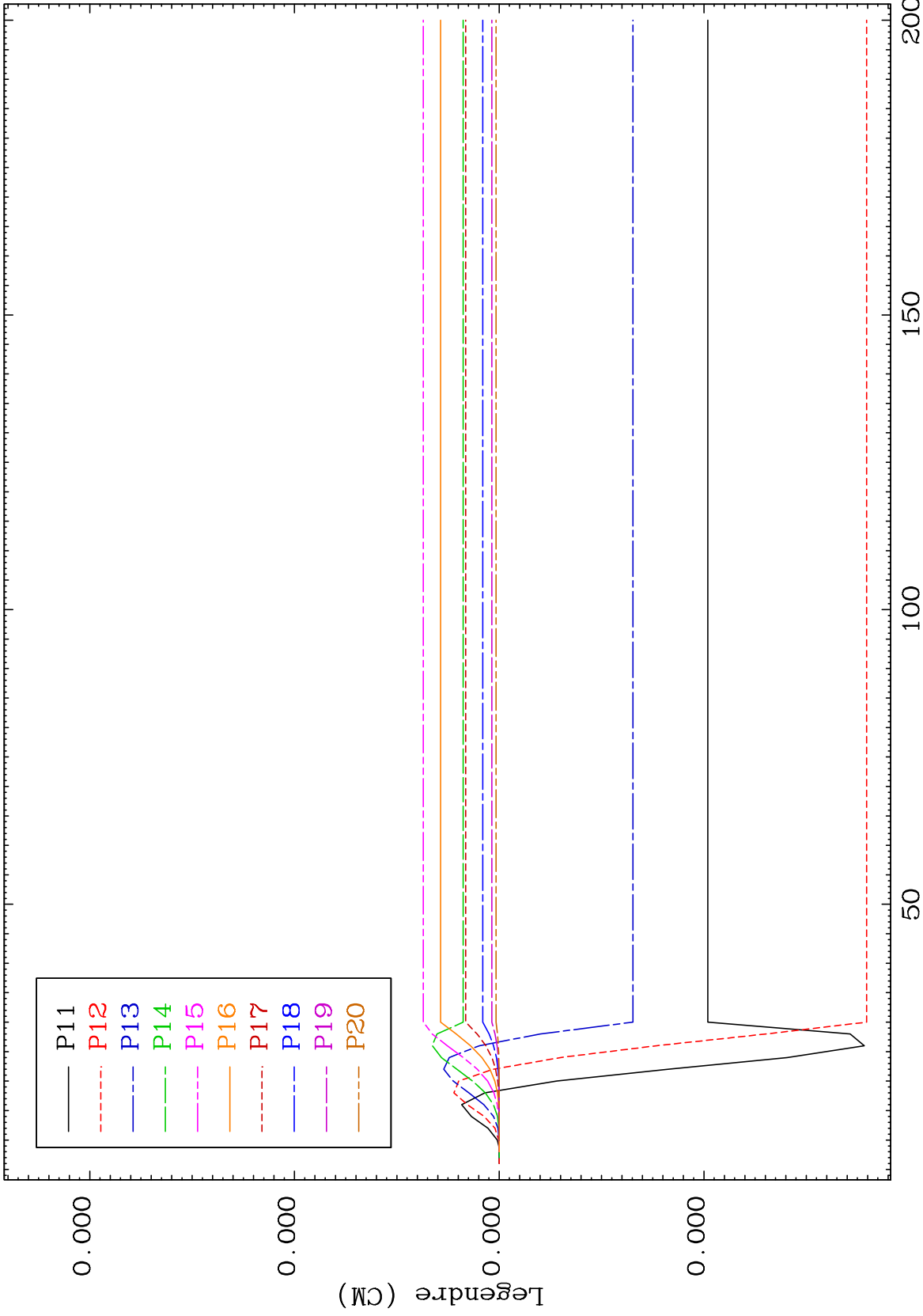
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



93

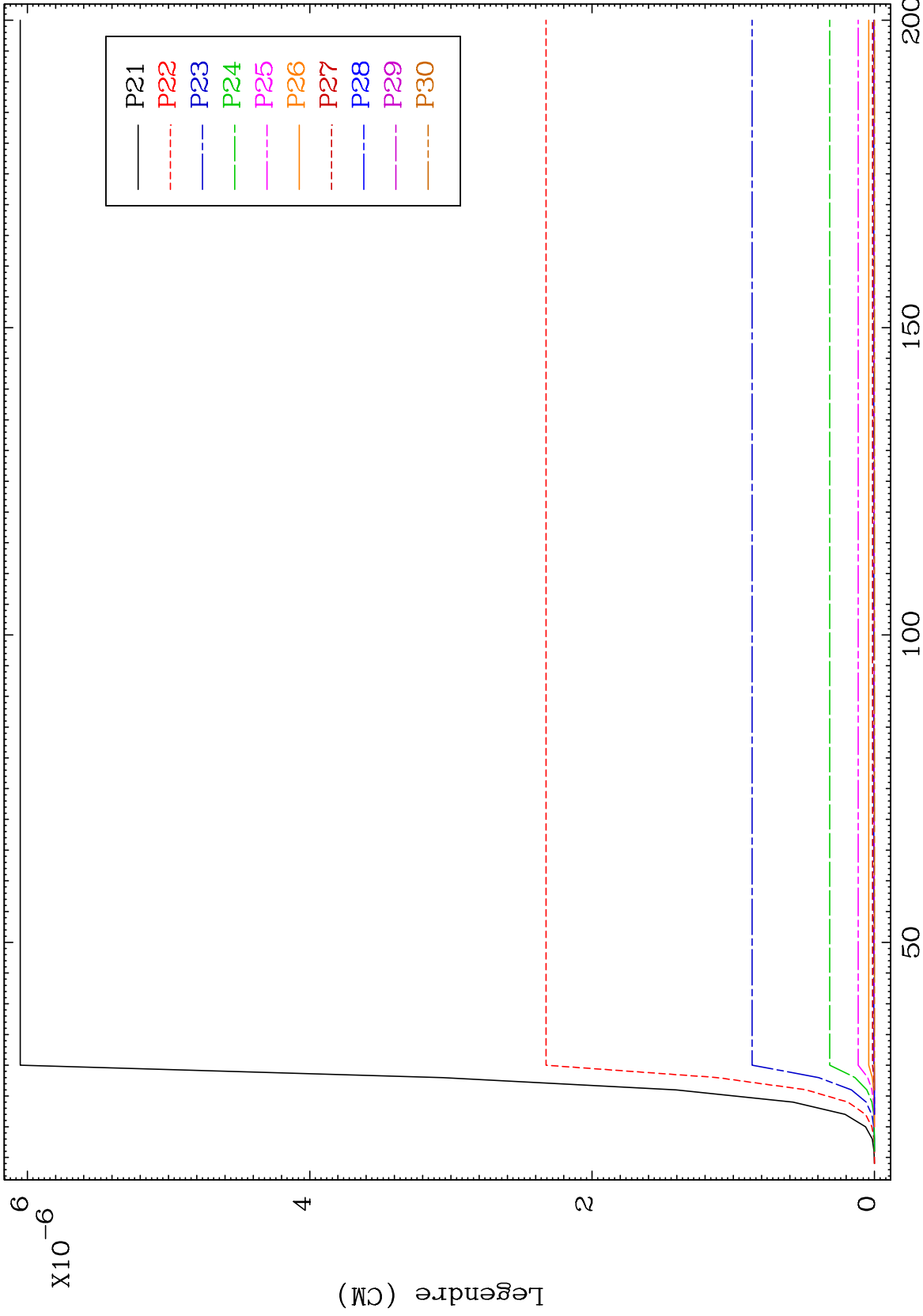
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

18-Ar-41



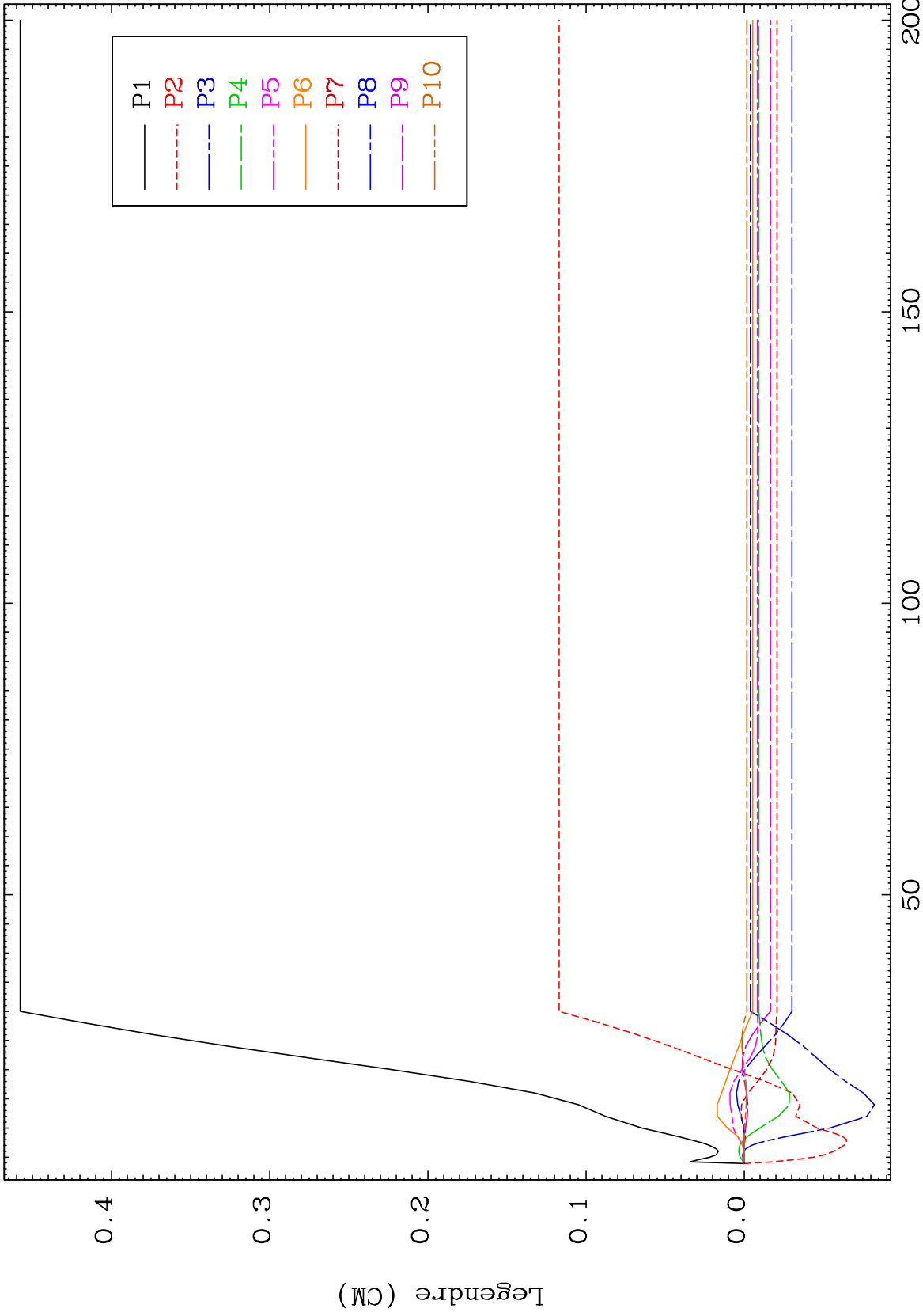
94

18-Ar-41

MAT 1840

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

18-Ar-41



95

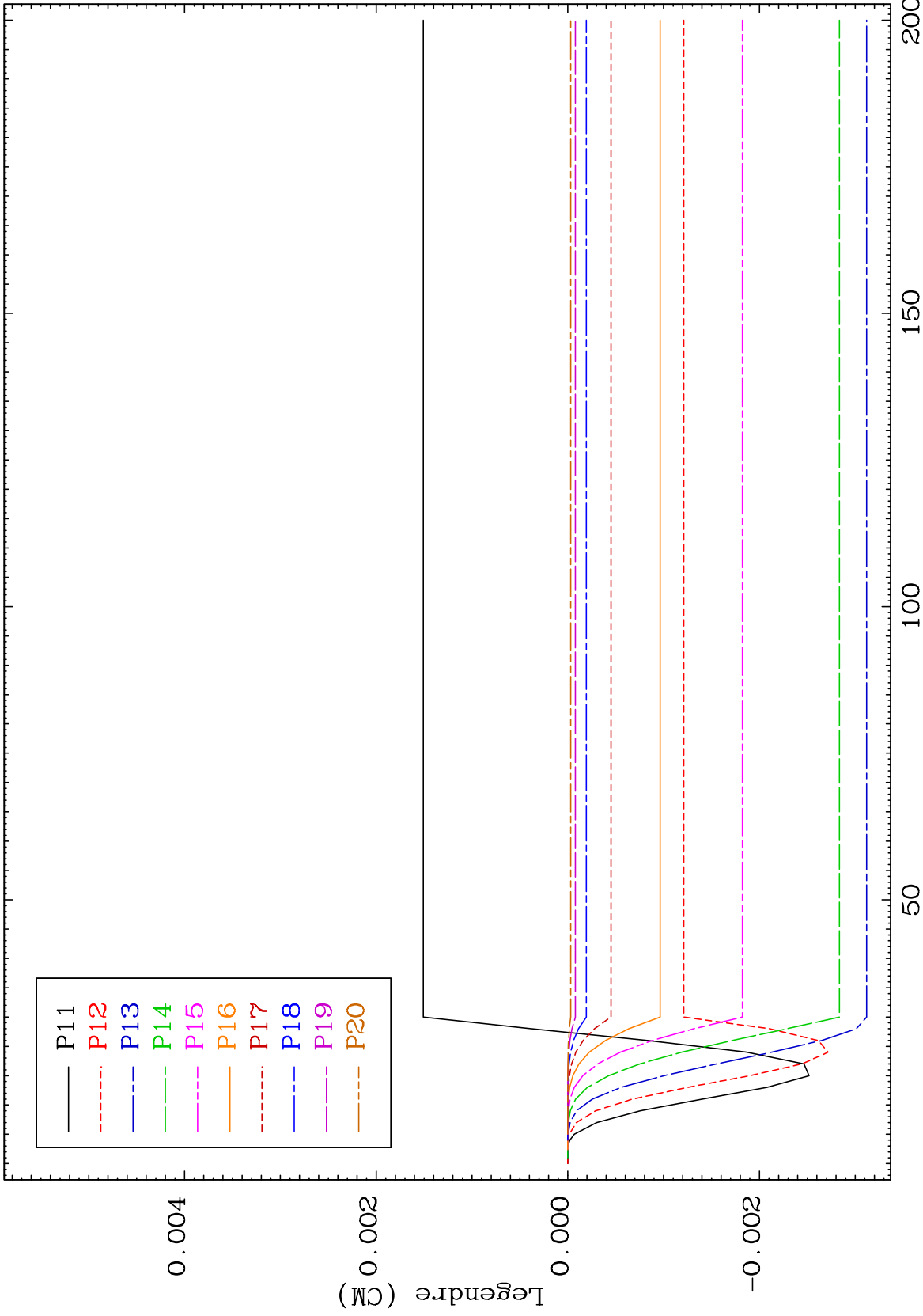
Incident Energy (MeV)

18-Ar-41

MAT 1840

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

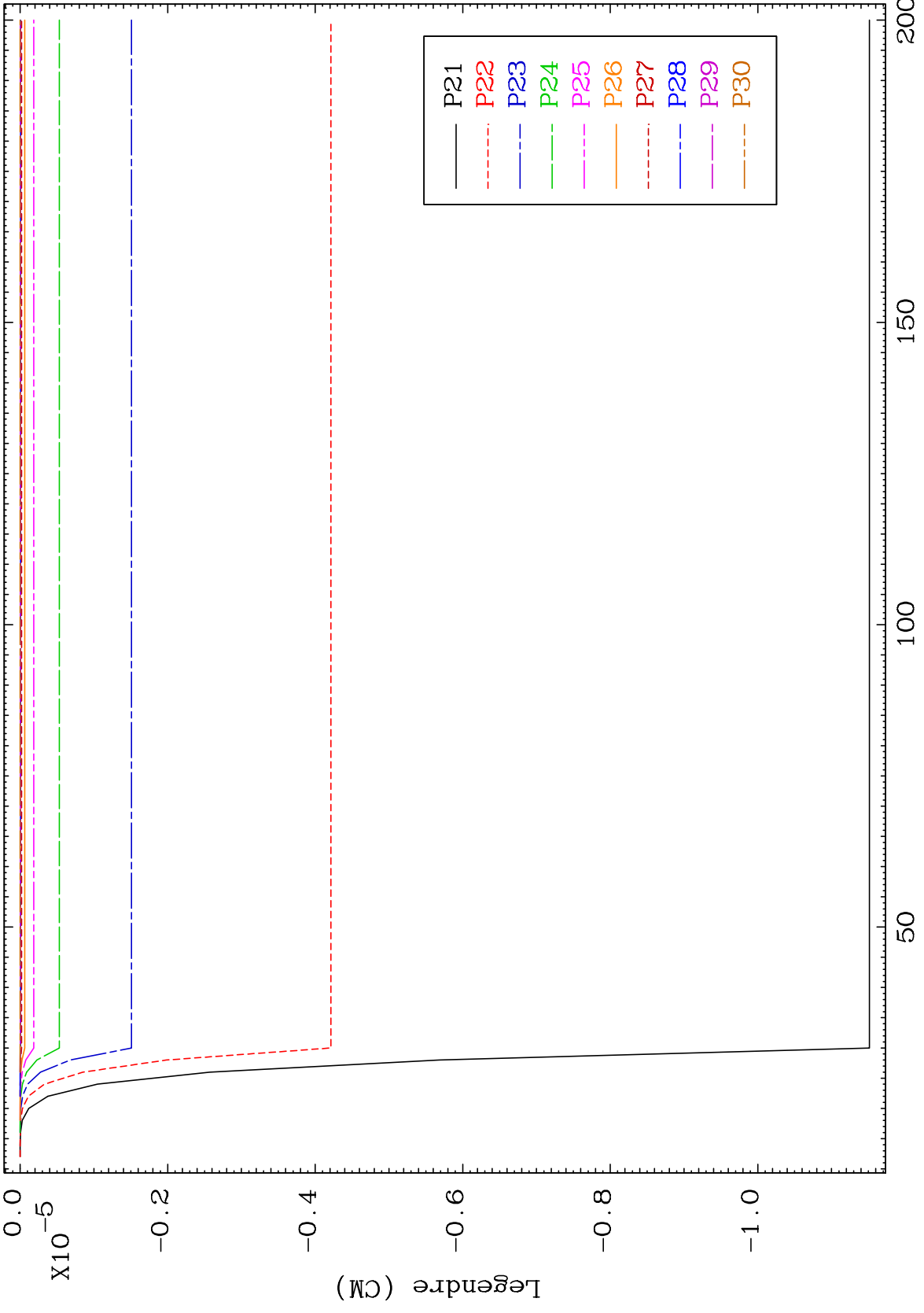
18-Ar-41



96

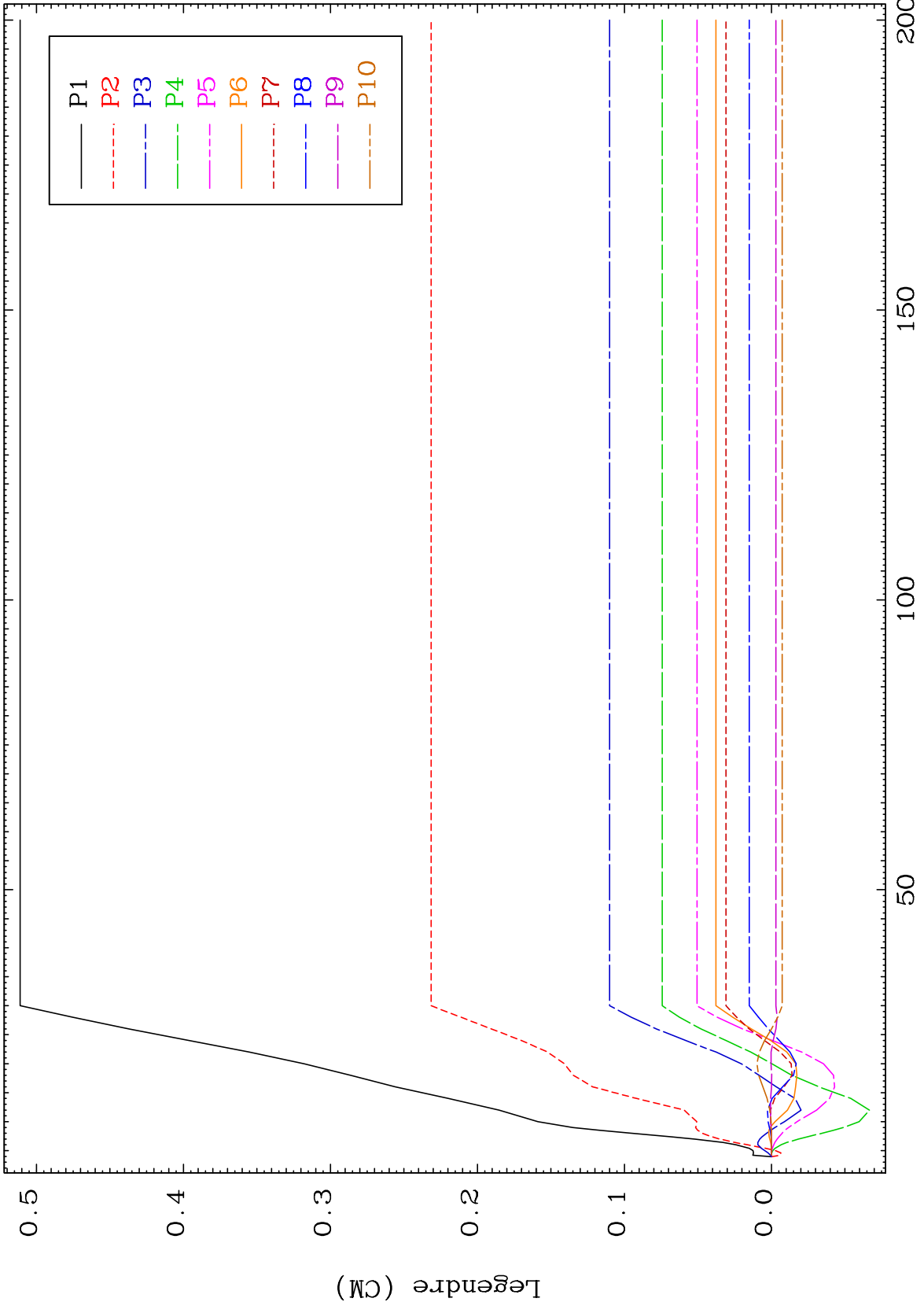
18-Ar-41

MAT 1840 MT= 77 (n,n') Level Legendre Coefficients 18-Ar-41



97 18-Ar-41

MAT 1840 MT= 78 (n,n') Level Legendre Coefficients 18-Ar-41

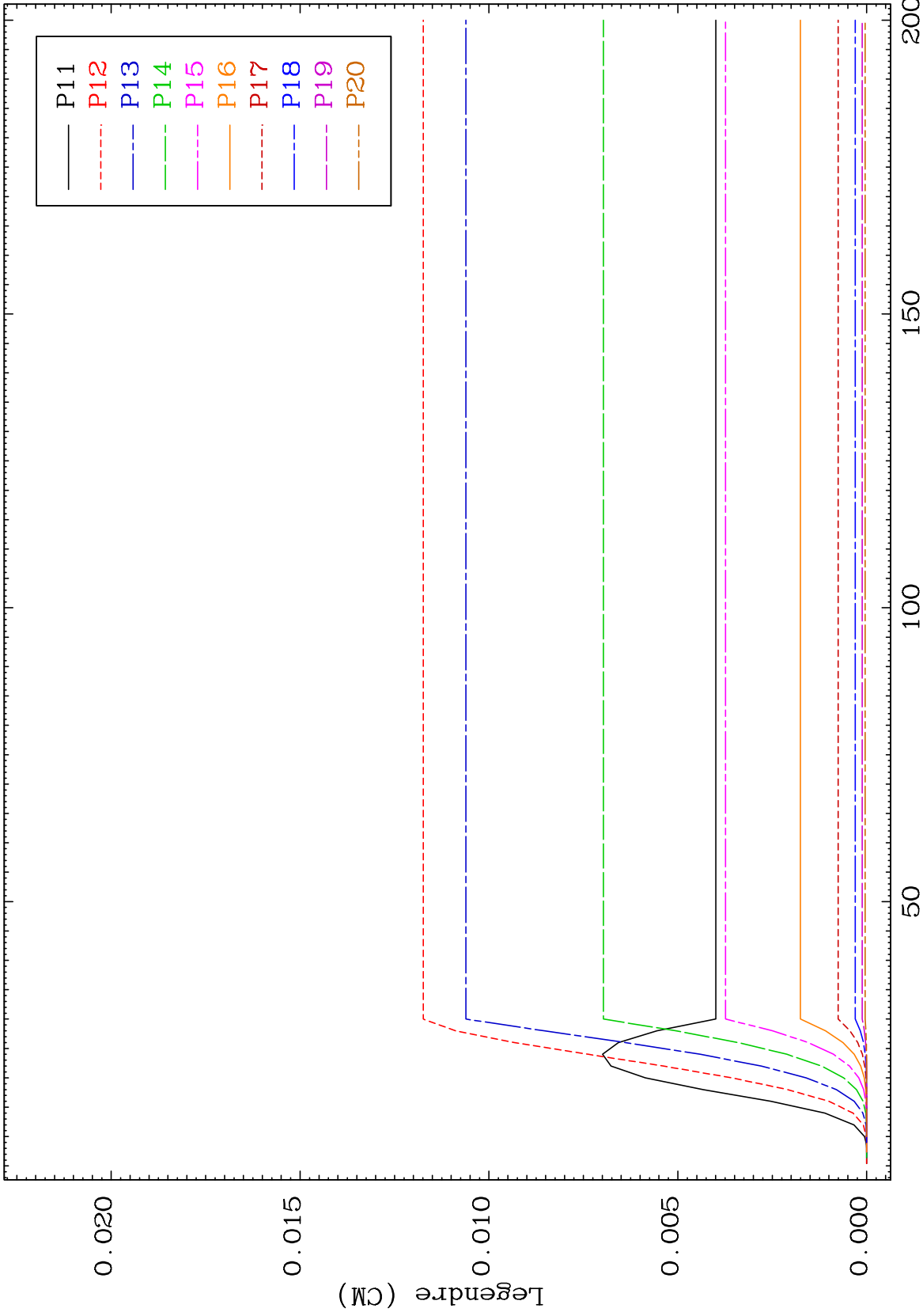


98 18-Ar-41

MAT 1840

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

18-Ar-41



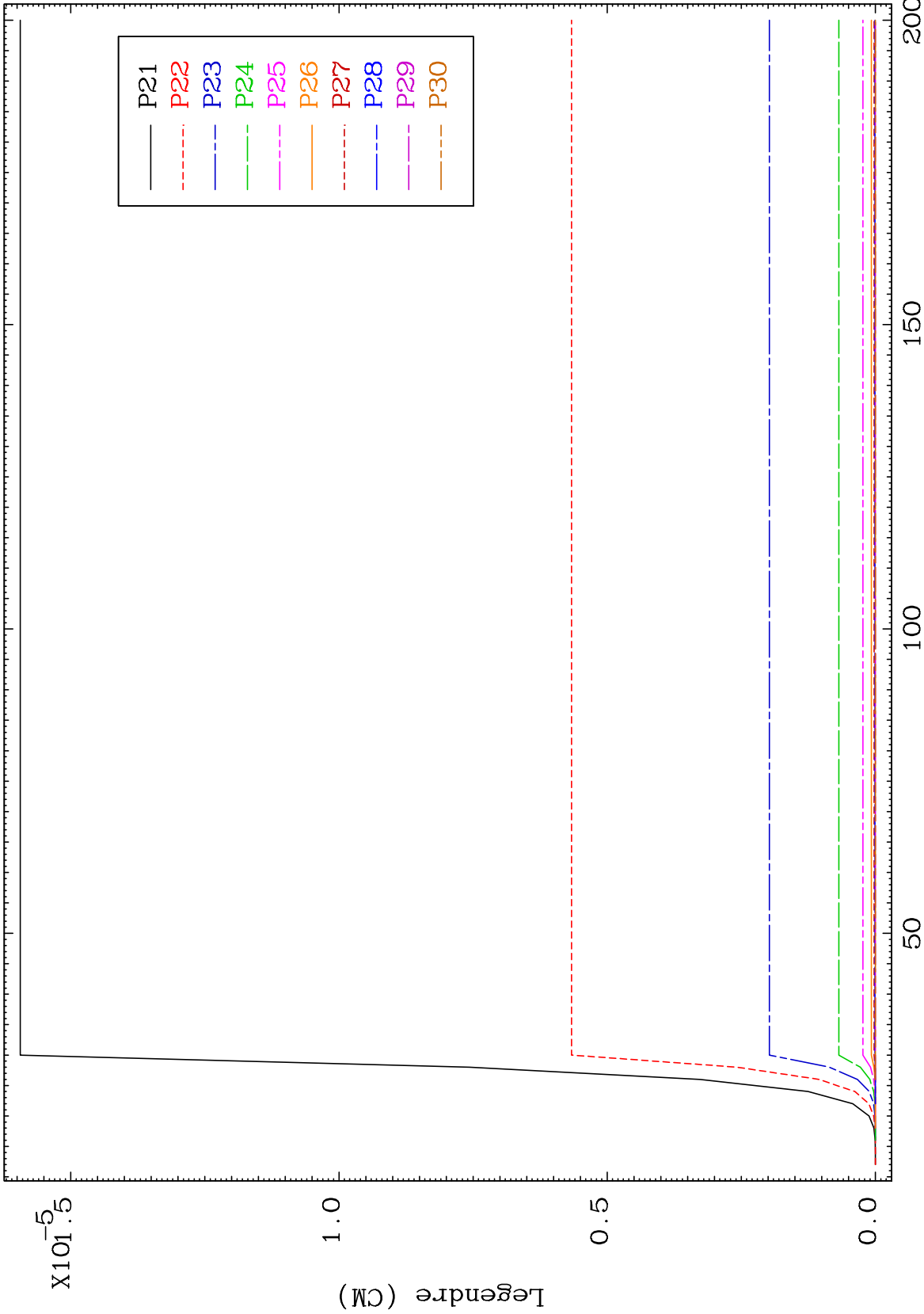
99

18-Ar-41

MAT 1840

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

18-Ar-41



100

50

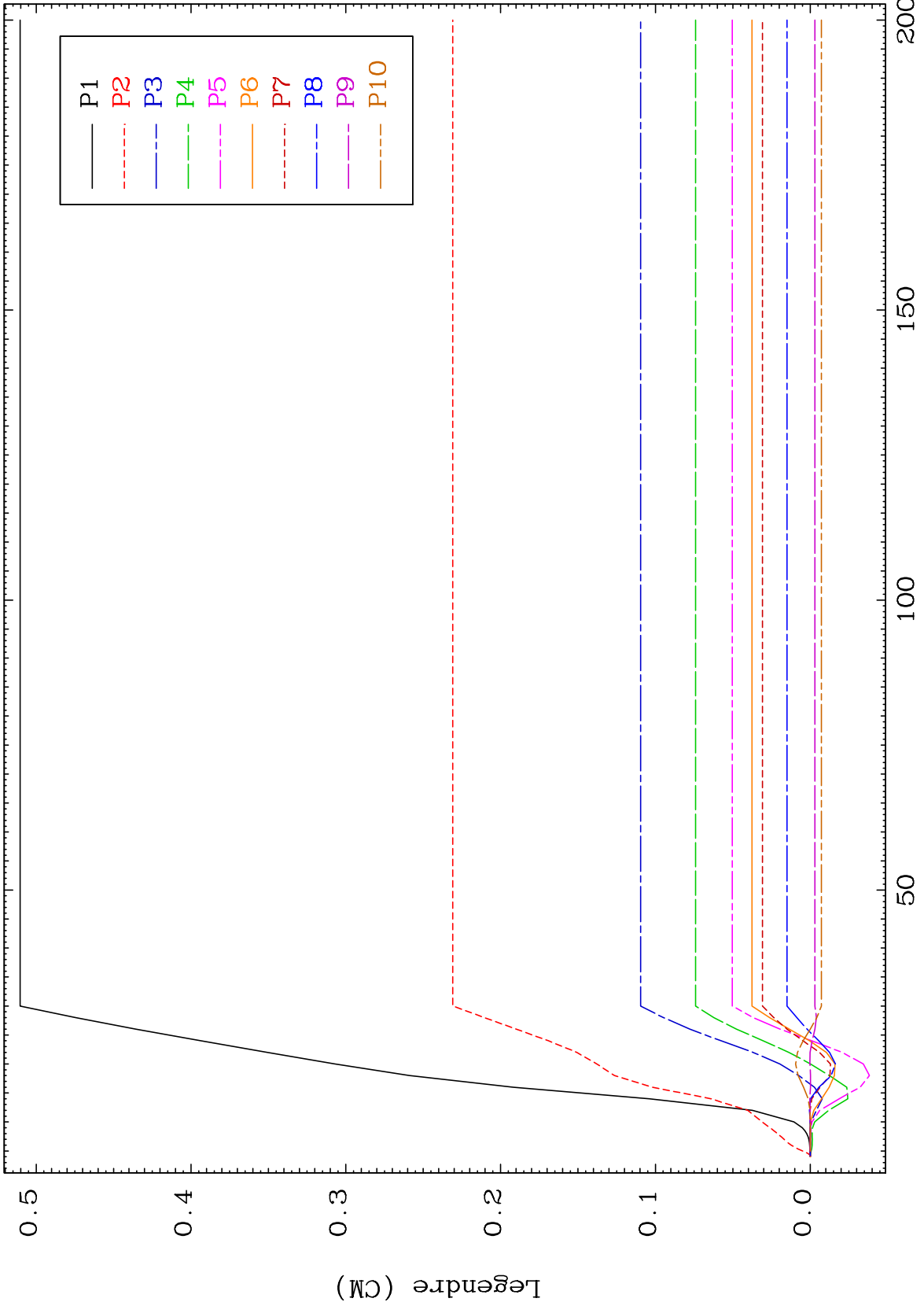
100

150

200

18-Ar-41

MAT 1840 MT= 79 (n,n') Level Legendre Coefficients 18-Ar-41

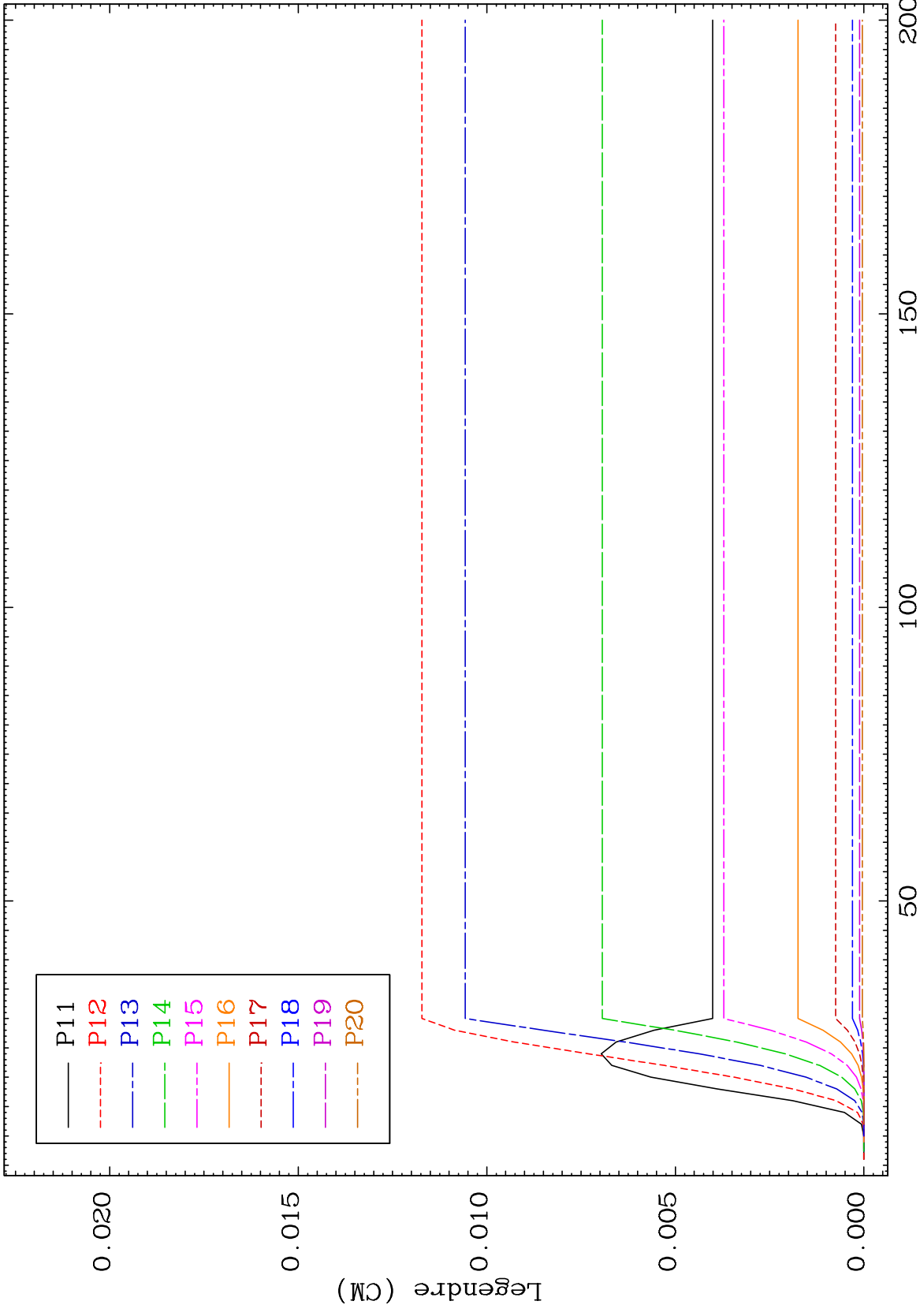


101 Incident Energy (MeV) 18-Ar-41

MAT 1840

MT= 79 (n,n') Level  
Legendre Coefficients

18-Ar-41



102

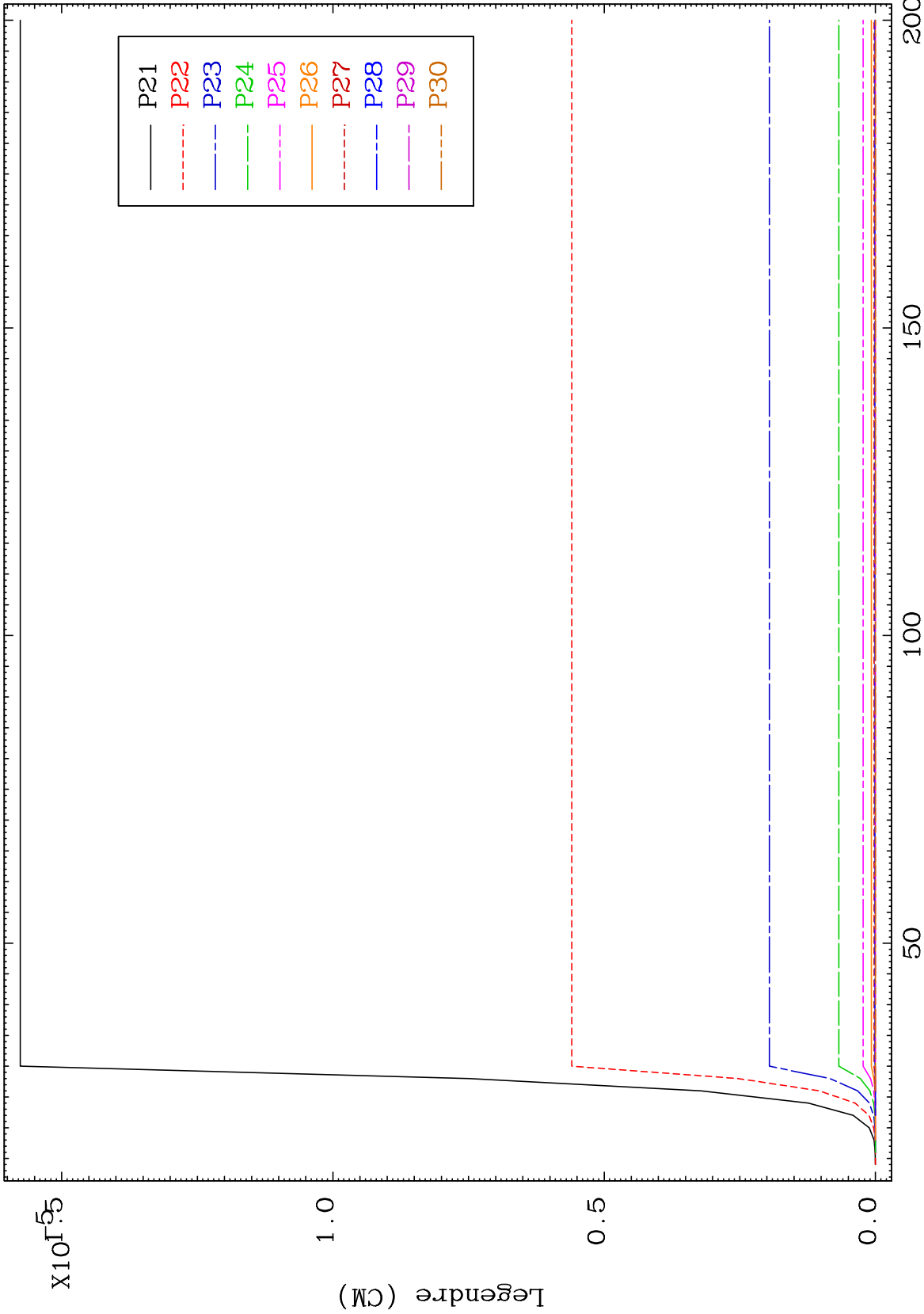
Incident Energy (MeV)

18-Ar-41

MAT 1840

MT= 79 (n,n') Level  
Legendre Coefficients

18-Ar-41



103

Incident Energy (MeV)

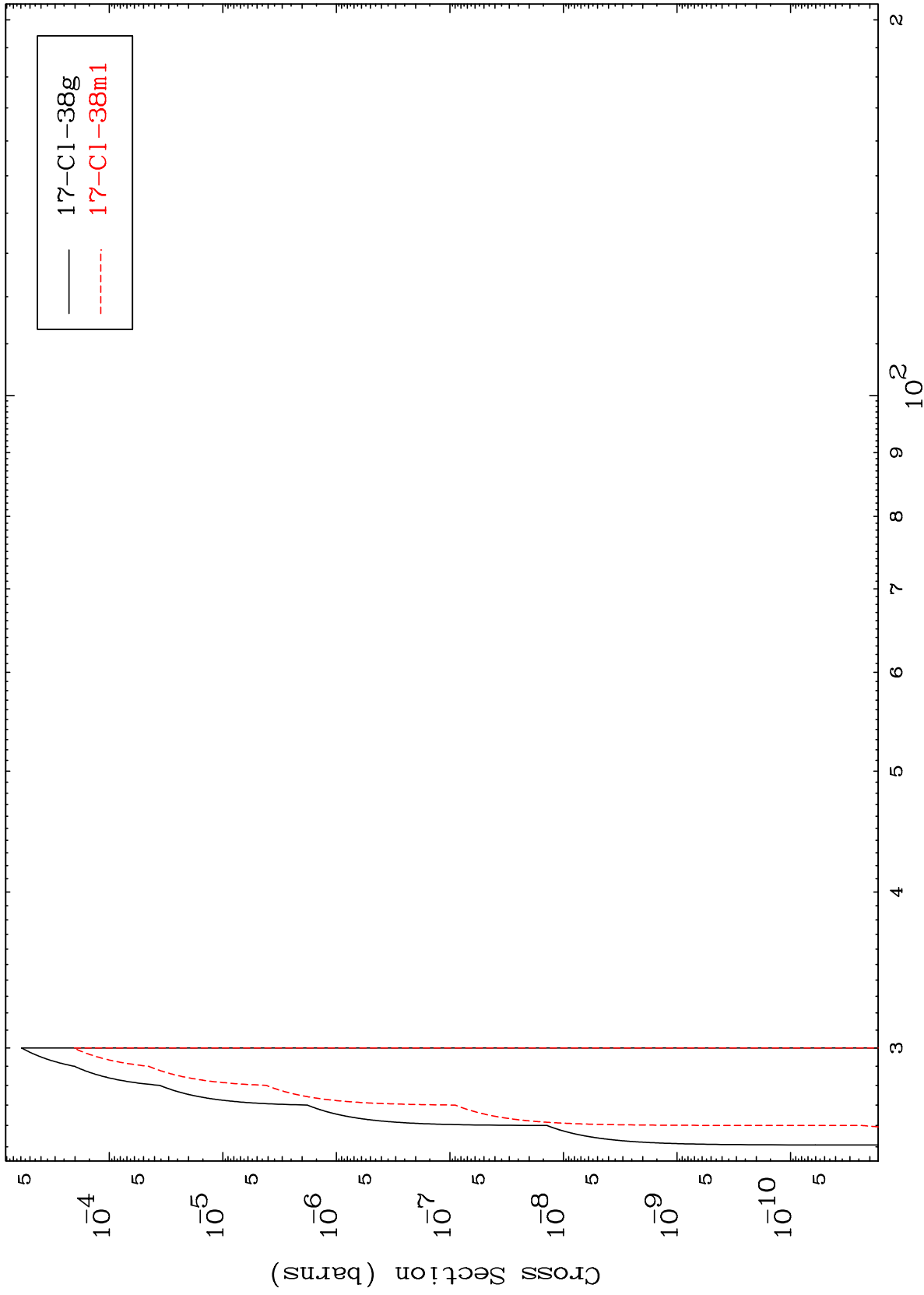
18-Ar-41

MAT 1840

(n,2n) d

18-Ar-41

Radionuclide Production Cross Section



104

Incident Energy (MeV)

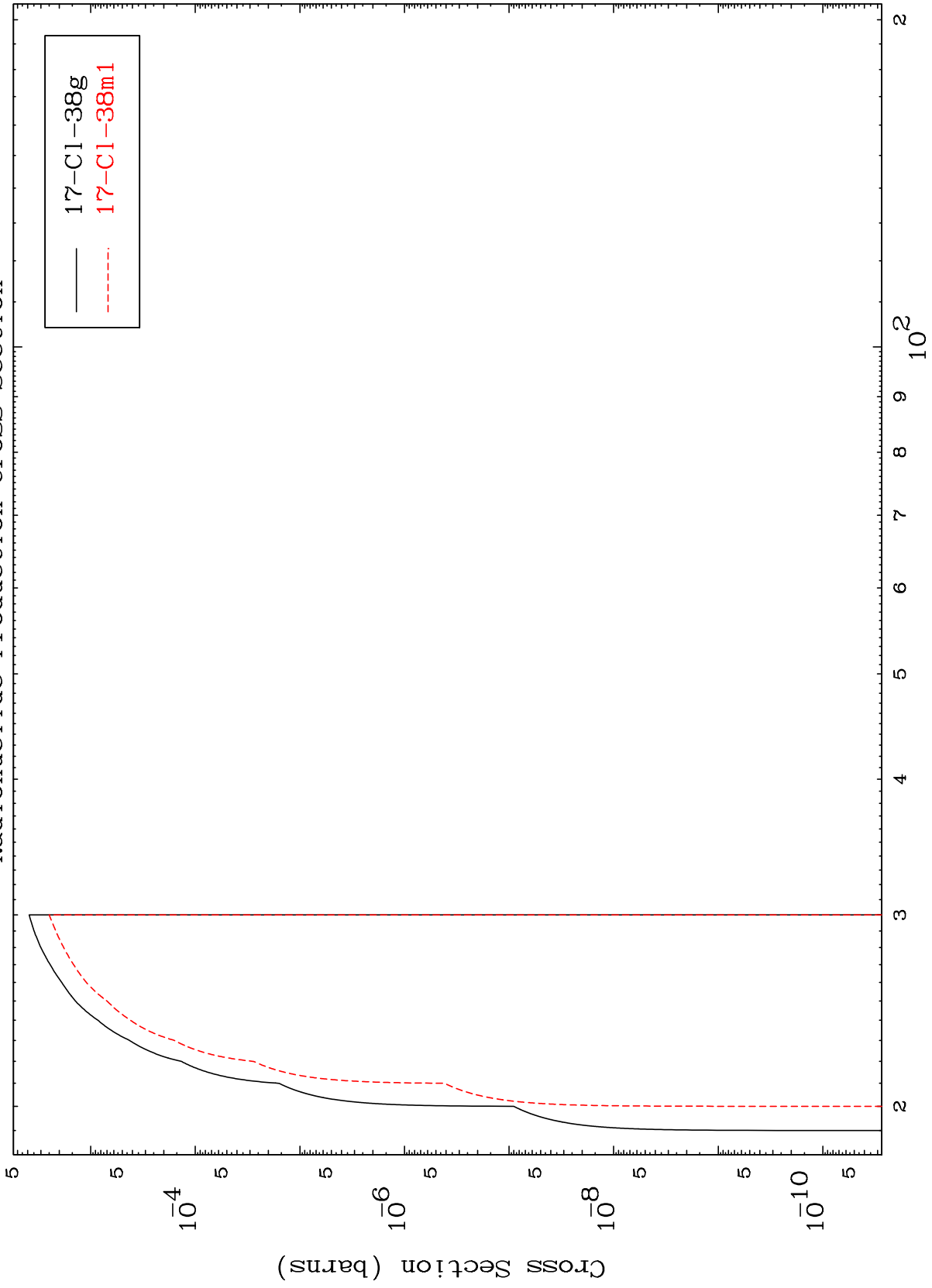
18-Ar-41

MAT 1840

(n,n') t

18-Ar-41

Radionuclide Production Cross Section



105

Incident Energy (MeV)

18-Ar-41

