

Program EVALPLOT
(Version 2018-1)

by

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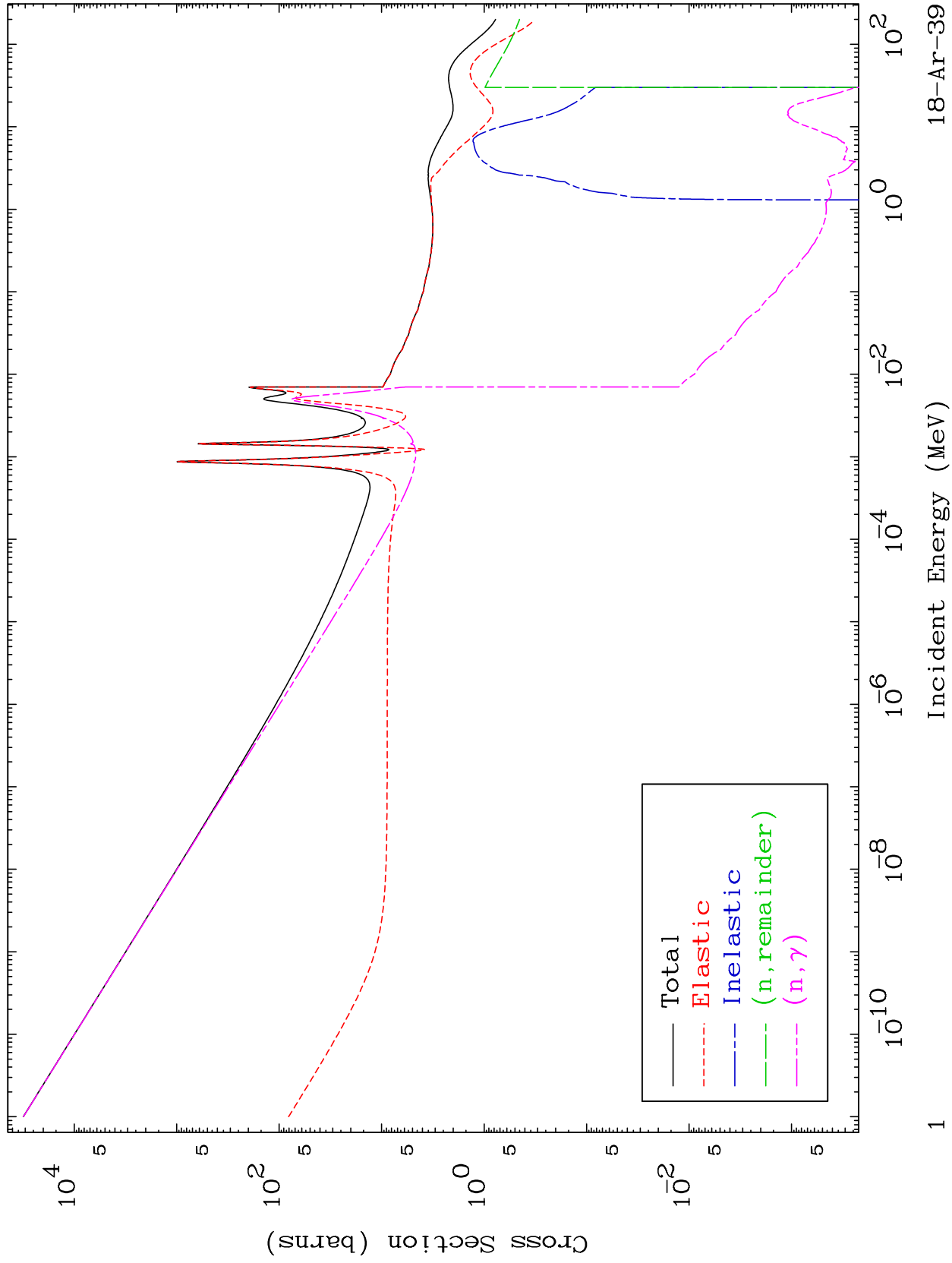
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1834

Major
293 Kelvin Cross Sections

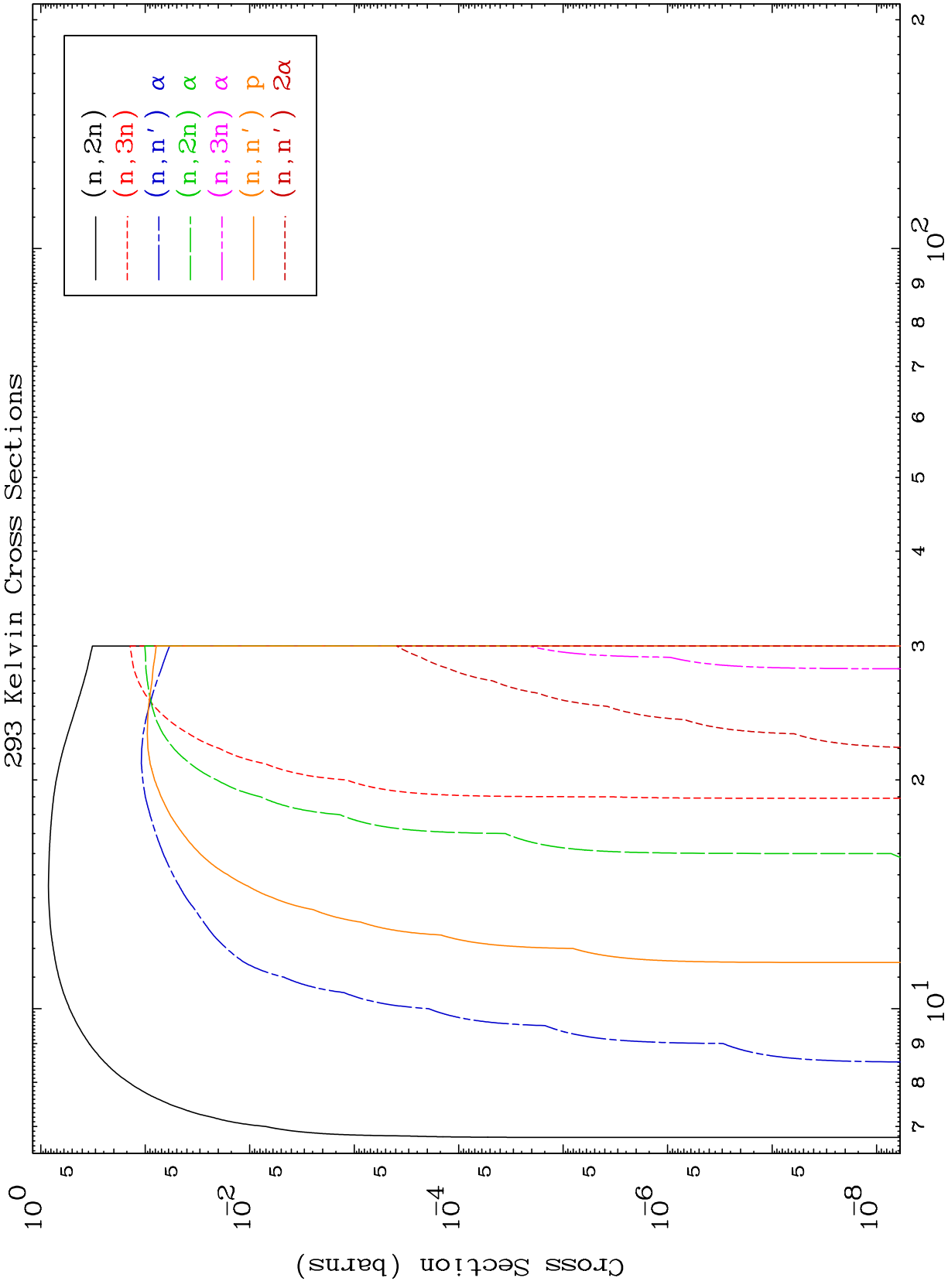
18-Ar-39



MAT 1834

Neutron Production 293 Kelvin Cross Sections

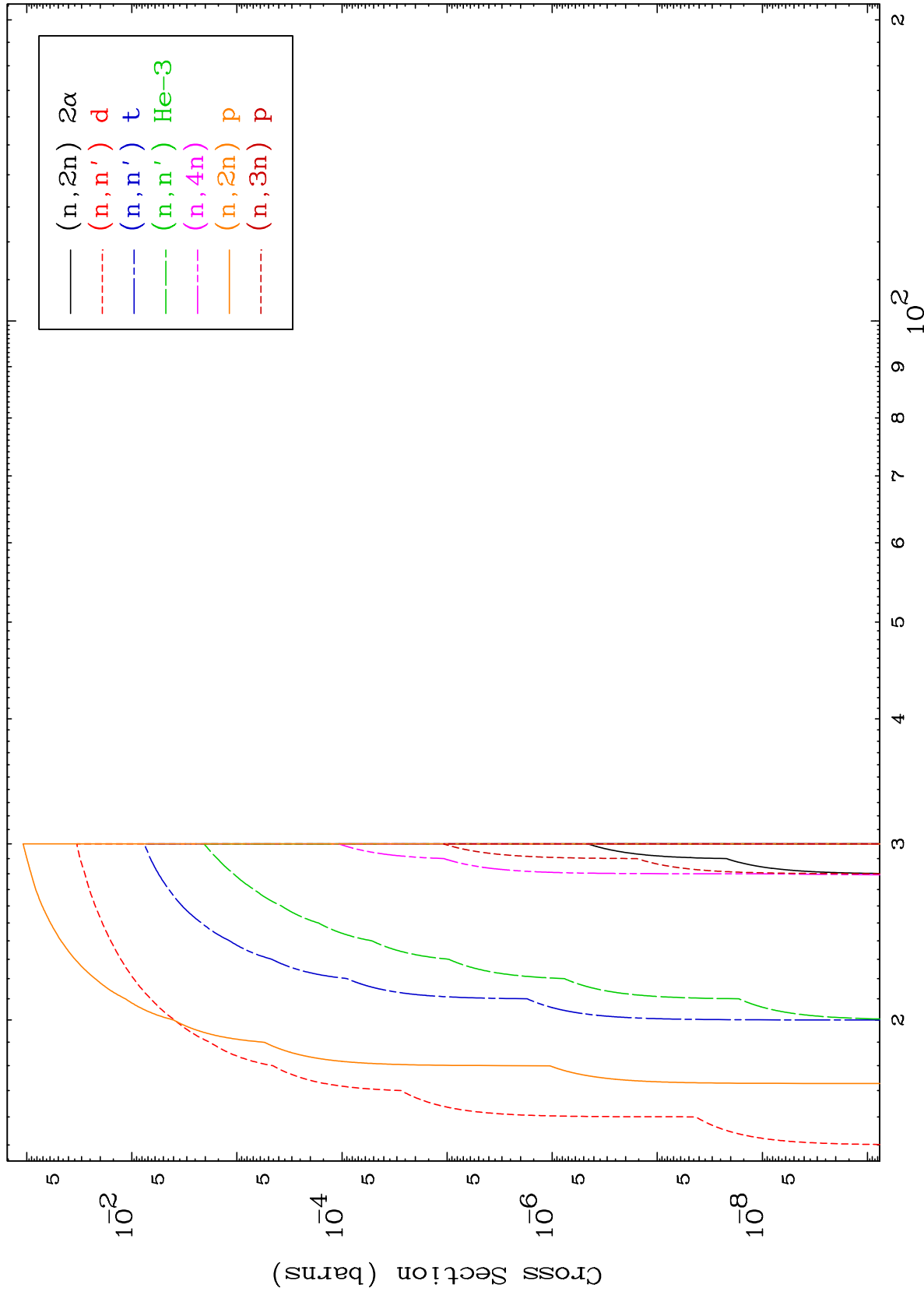
18-Ar-39

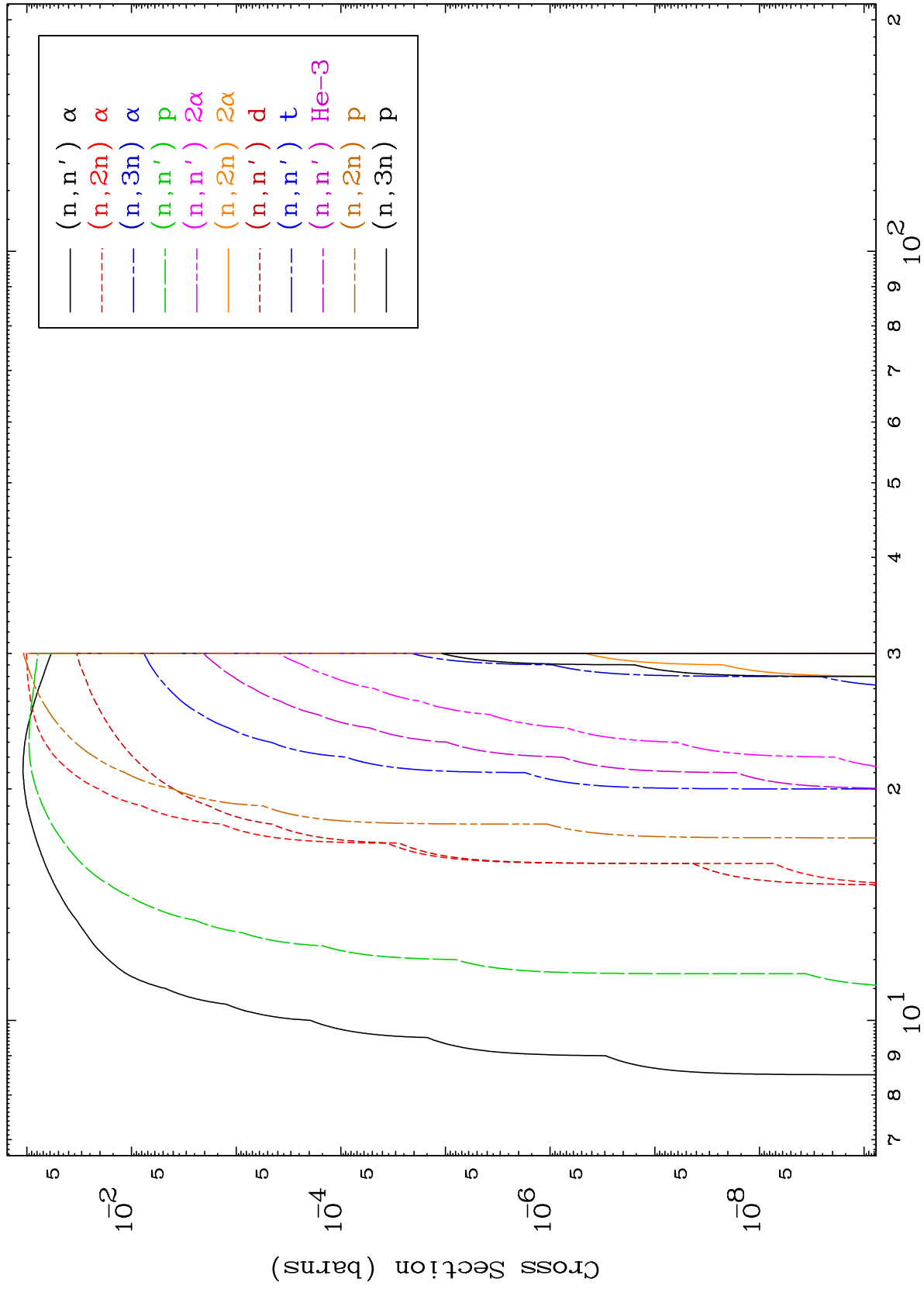


2

Incident Energy (MeV)

18-Ar-39

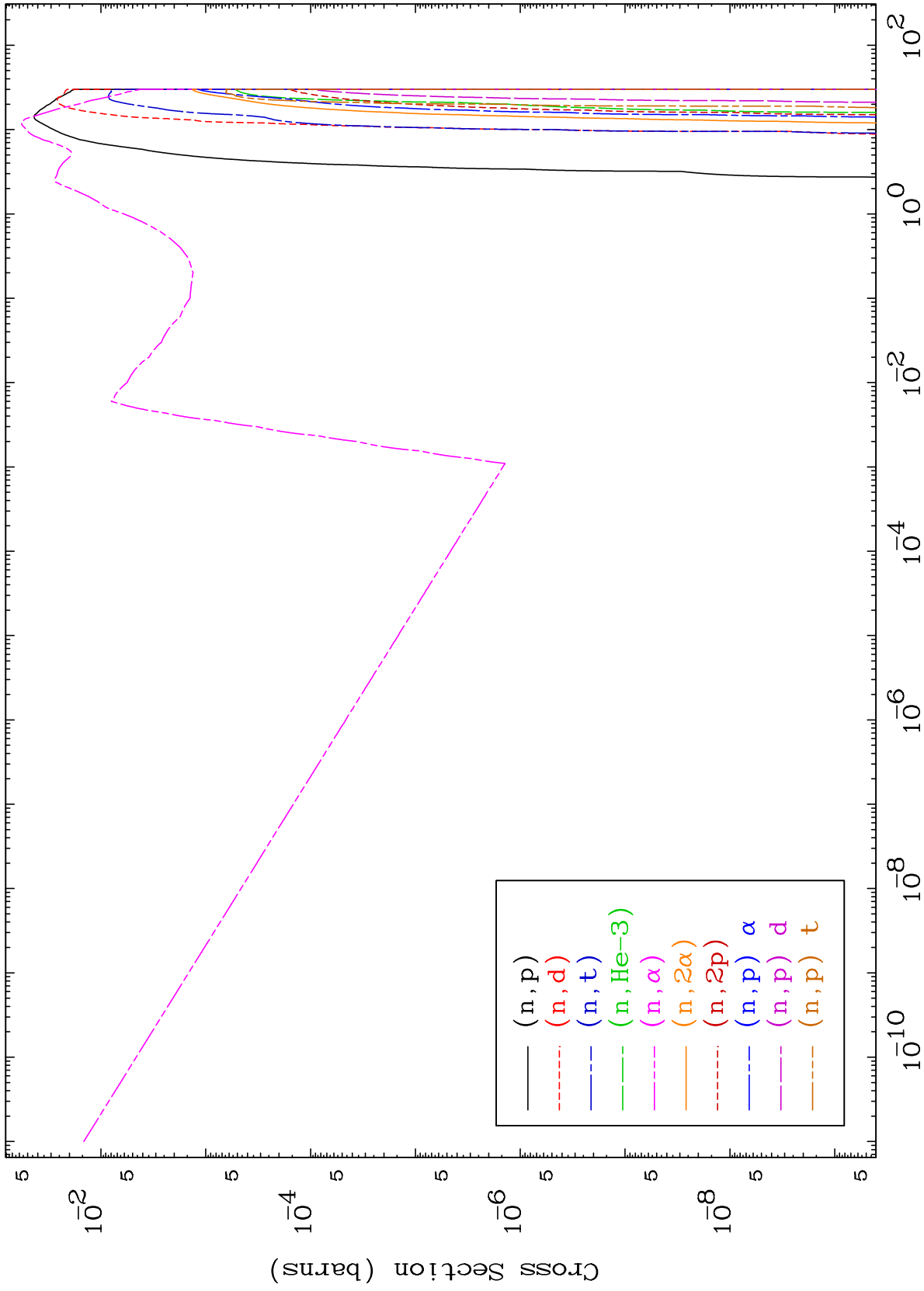




MAT 1834

Charged Particle
293 Kelvin Cross Sections

18-Ar-39

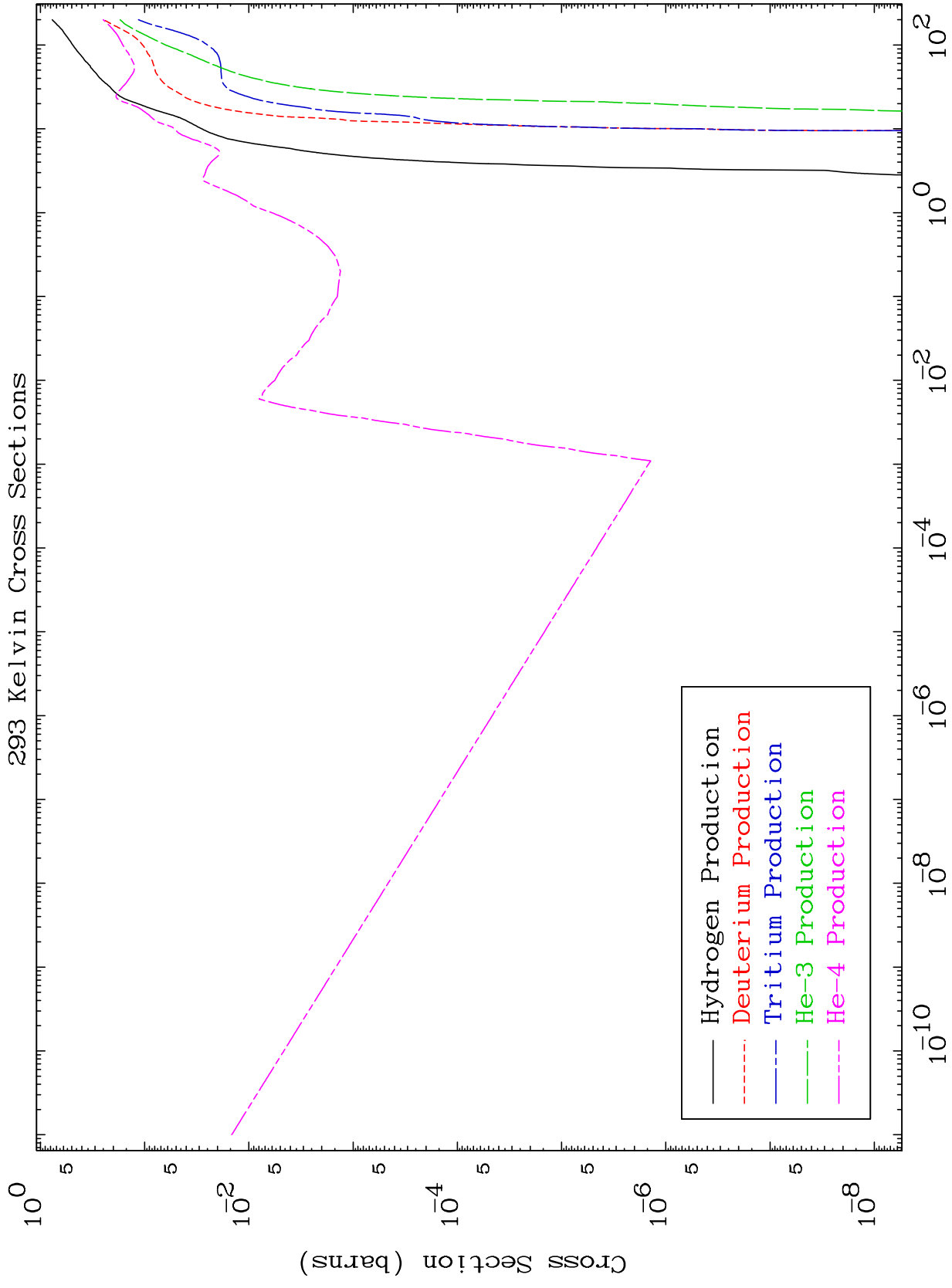


5

MAT 1834

Particle Production
293 Kelvin Cross Sections

18-Ar-39

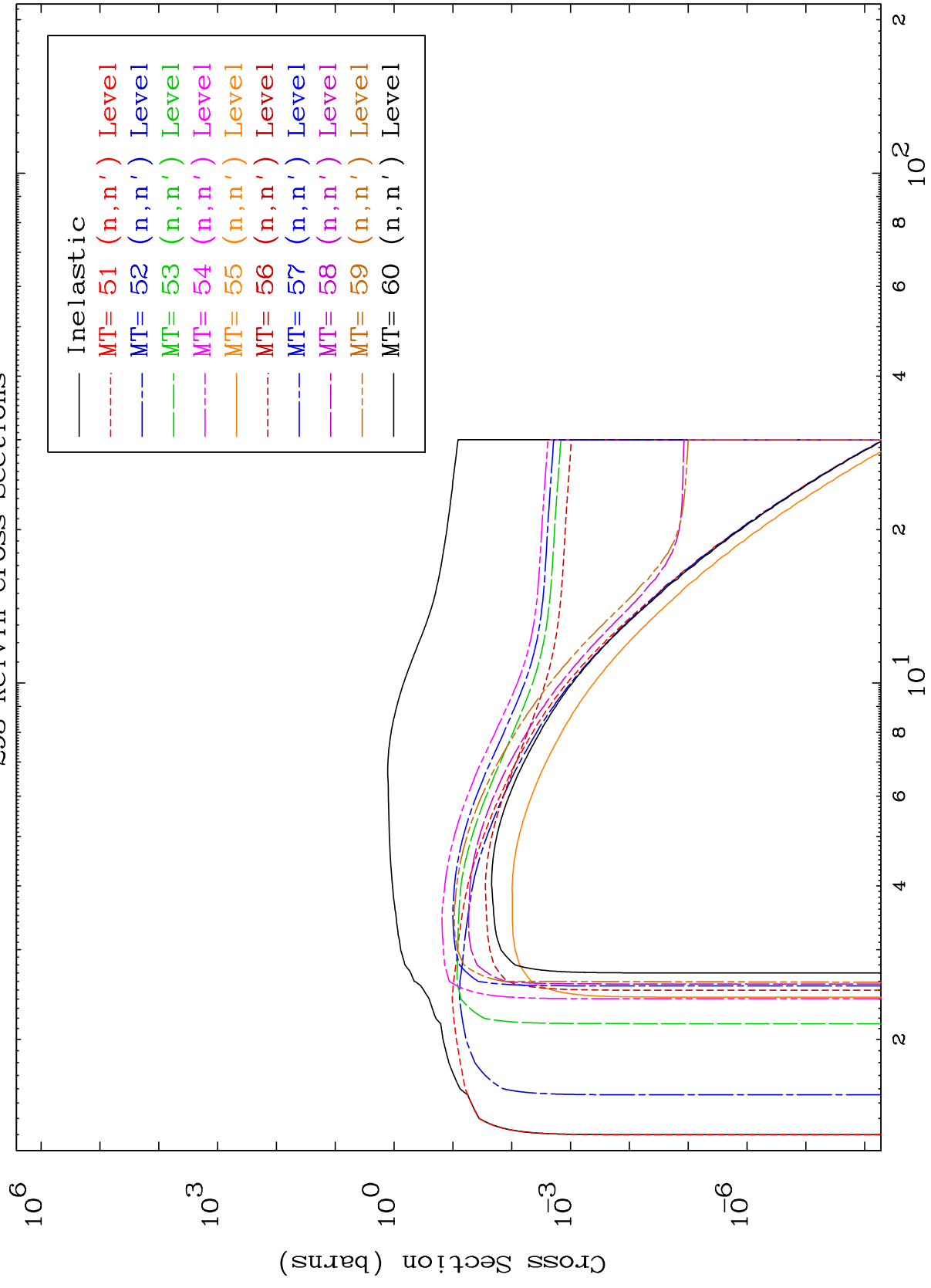


MAT 1834

(n,n') Level

18-Ar-39

293 Kelvin Cross Sections

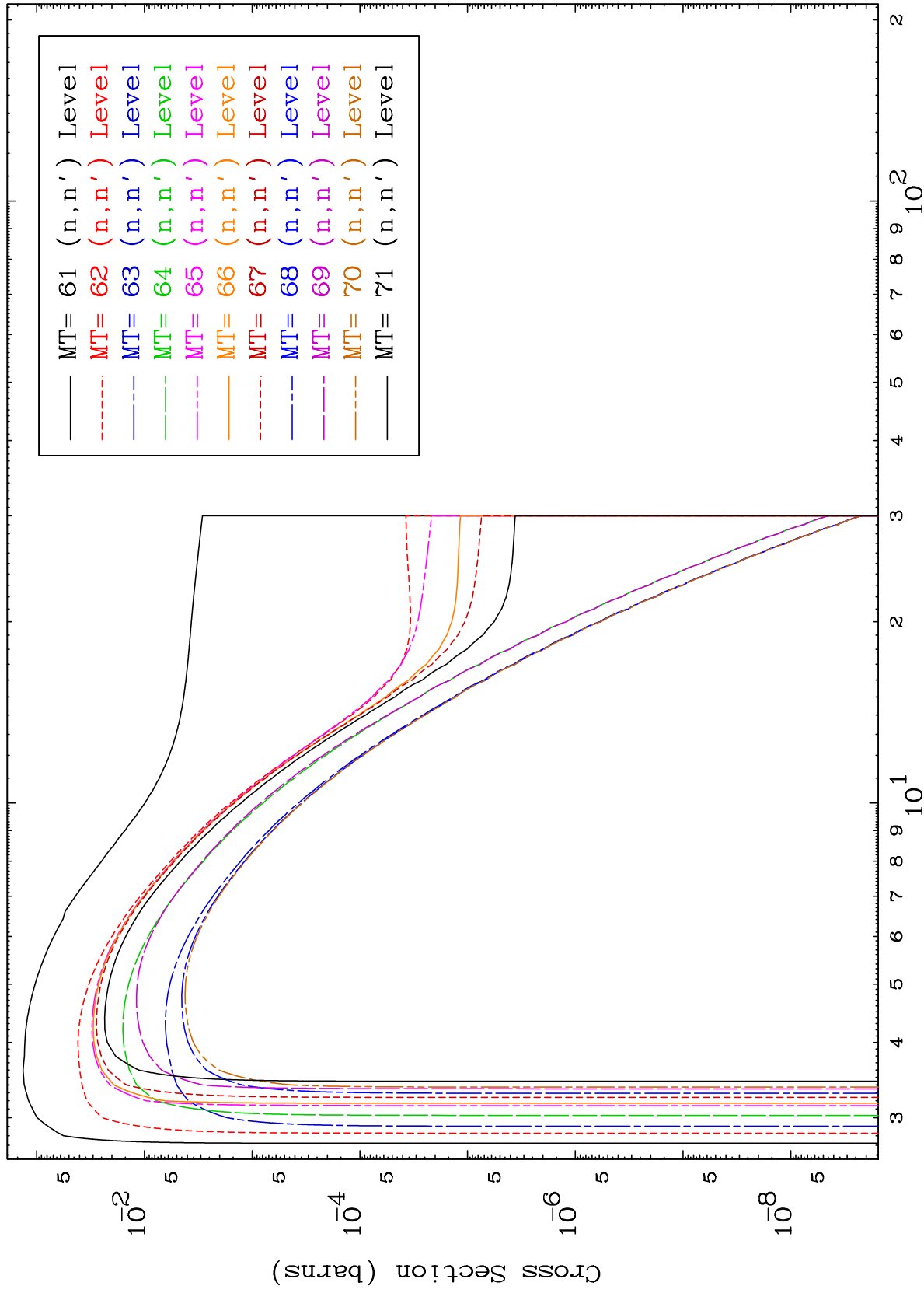


MAT 1834

(n,n') Level

18-Ar-39

293 Kelvin Cross Sections



8

Incident Energy (MeV)

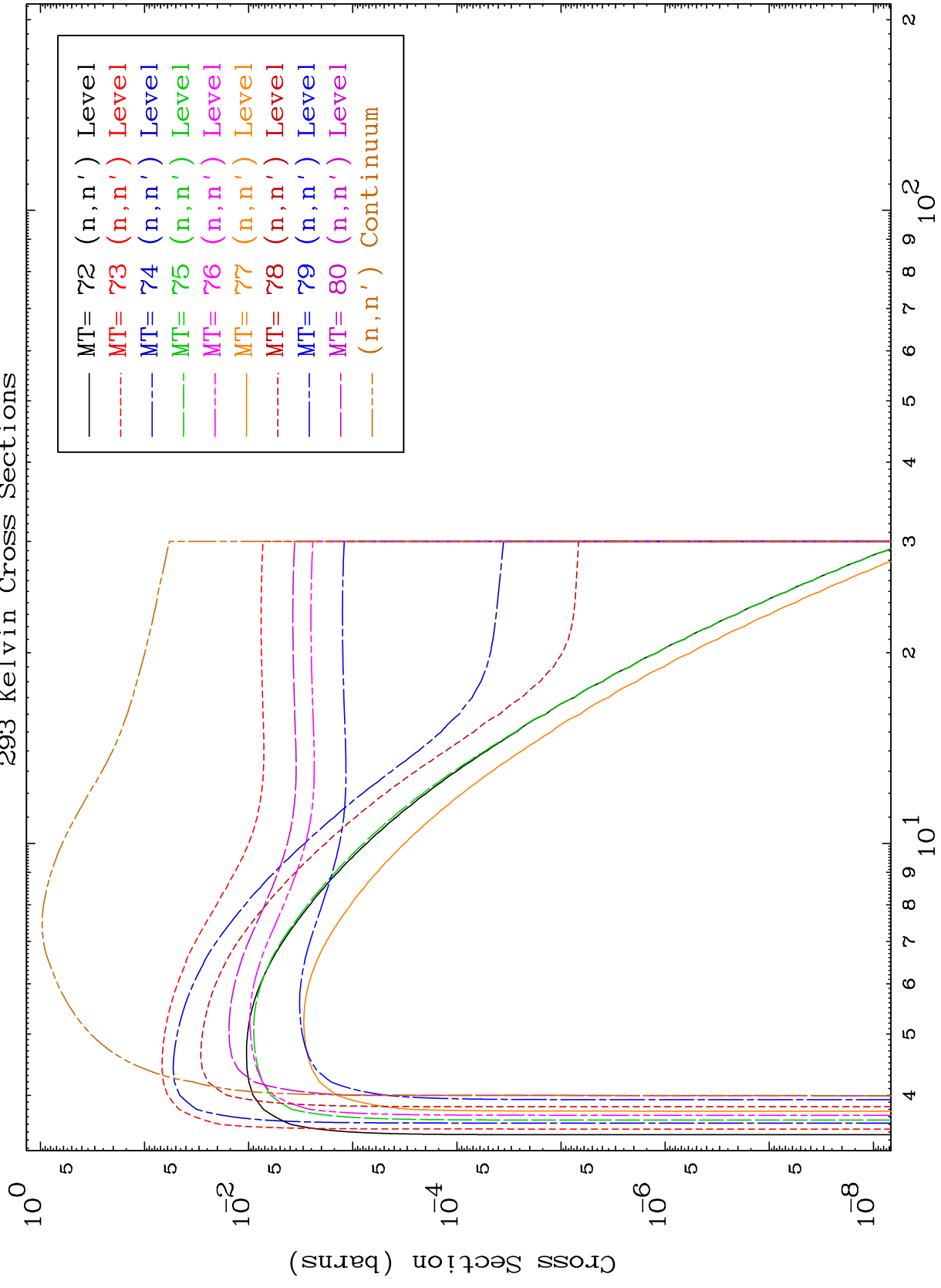
18-Ar-39

MAT 1834

(n,n') Level

18-Ar-39

293 Kelvin Cross Sections



9

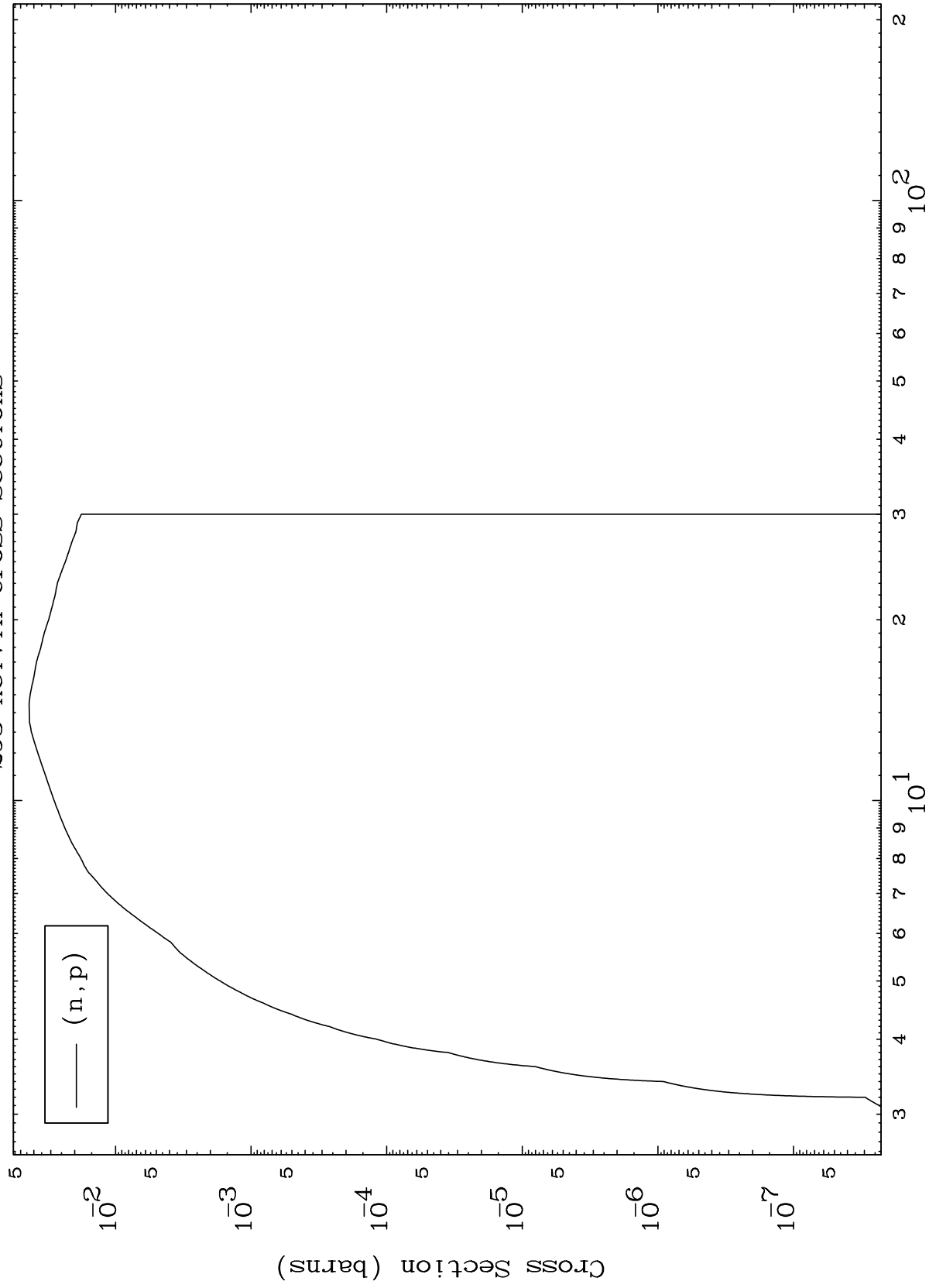
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-39



10

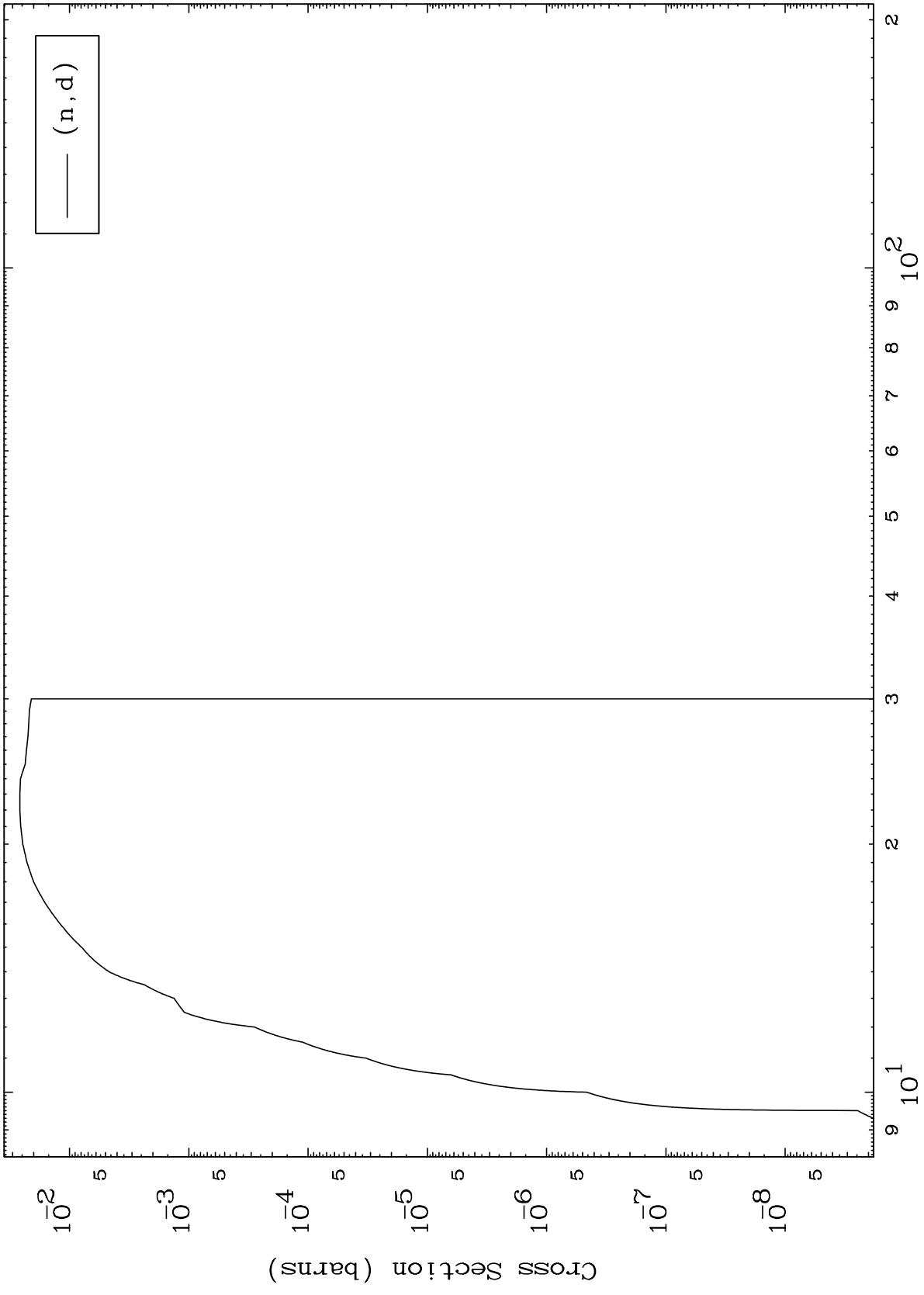
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-39



11

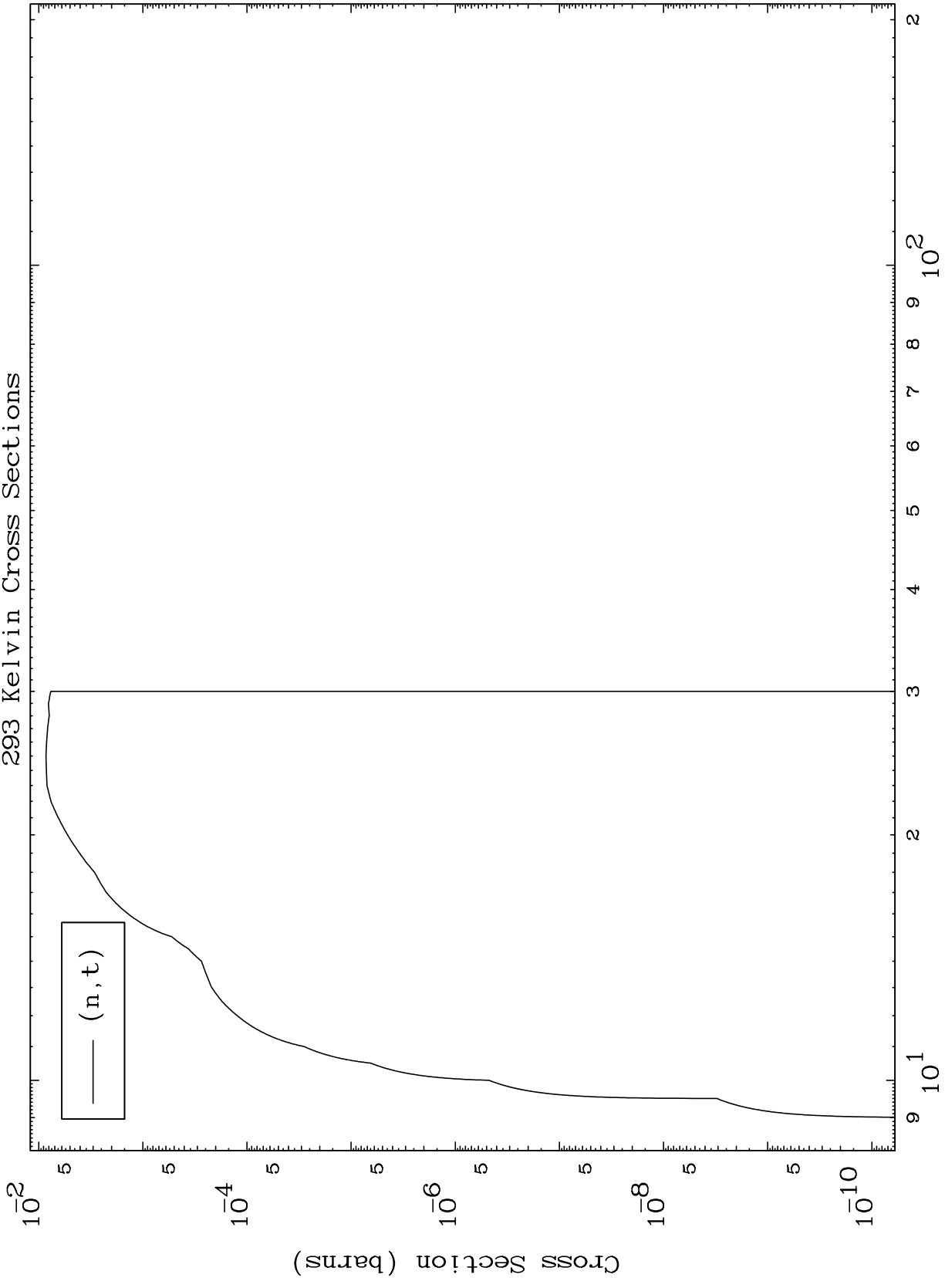
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,t) Levels
293 Kelvin Cross Sections

18-Ar-39



12

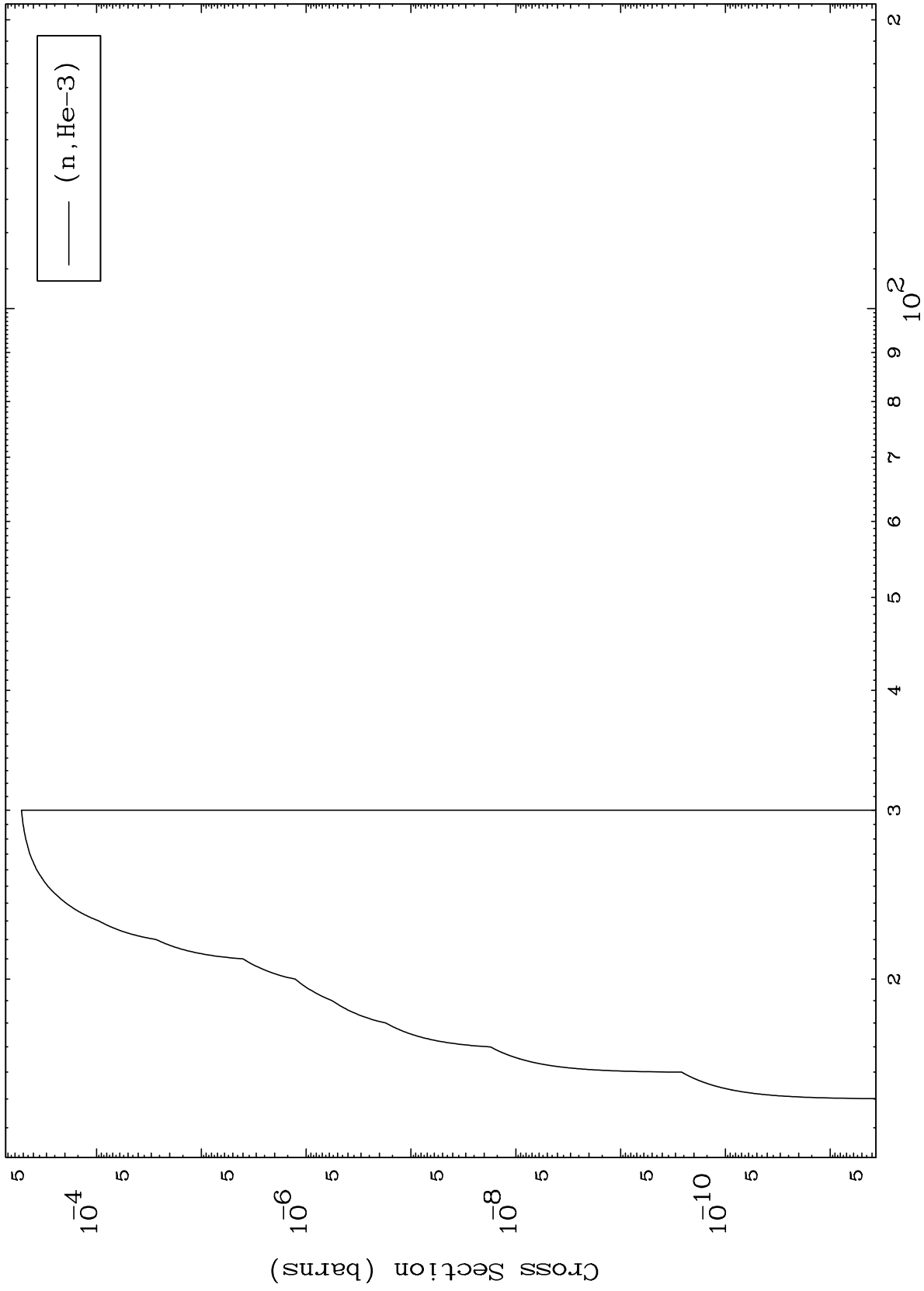
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,He3) Levels
293 Kelvin Cross Sections

18-Ar-39



13

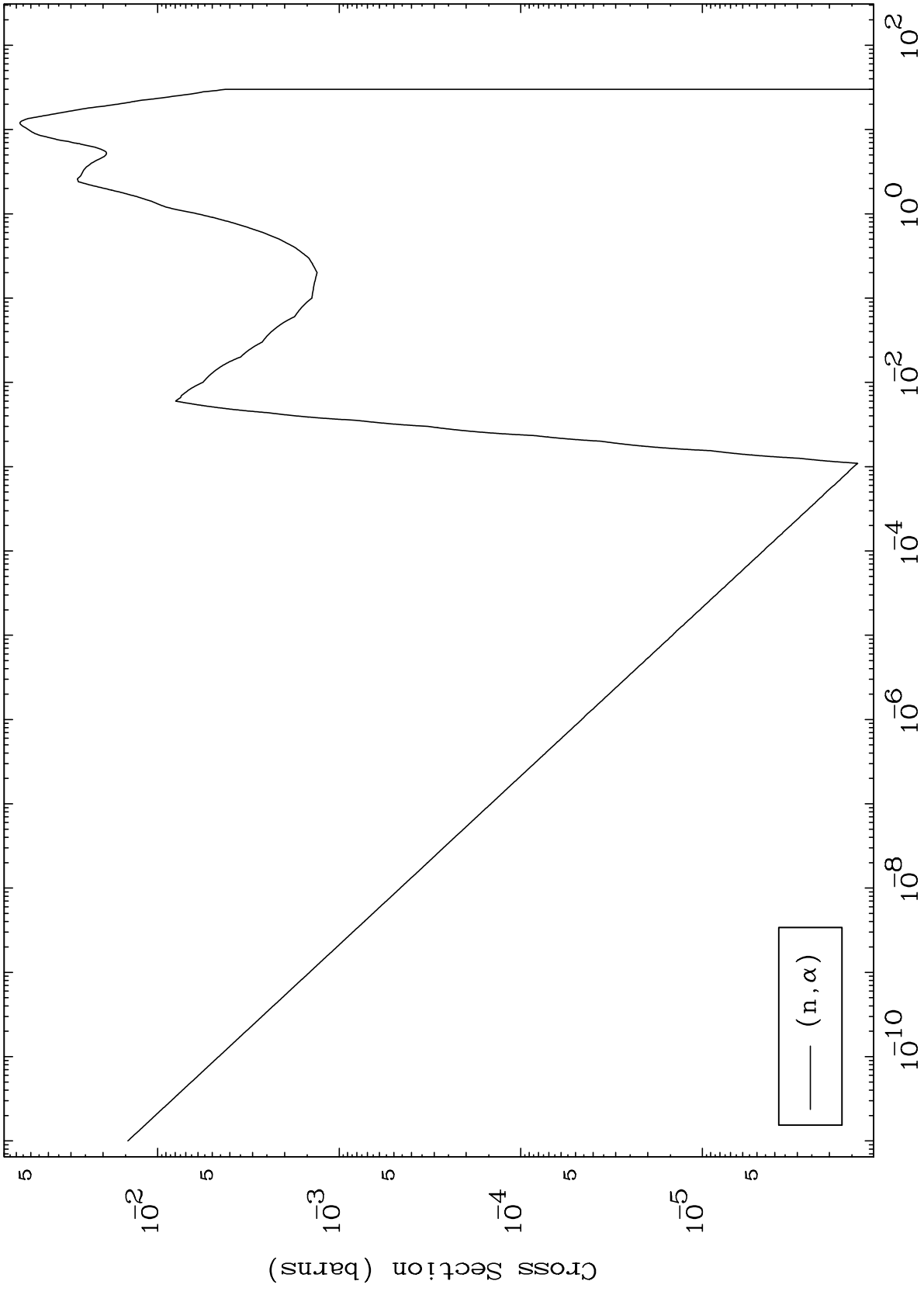
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,α) Levels
293 Kelvin Cross Sections

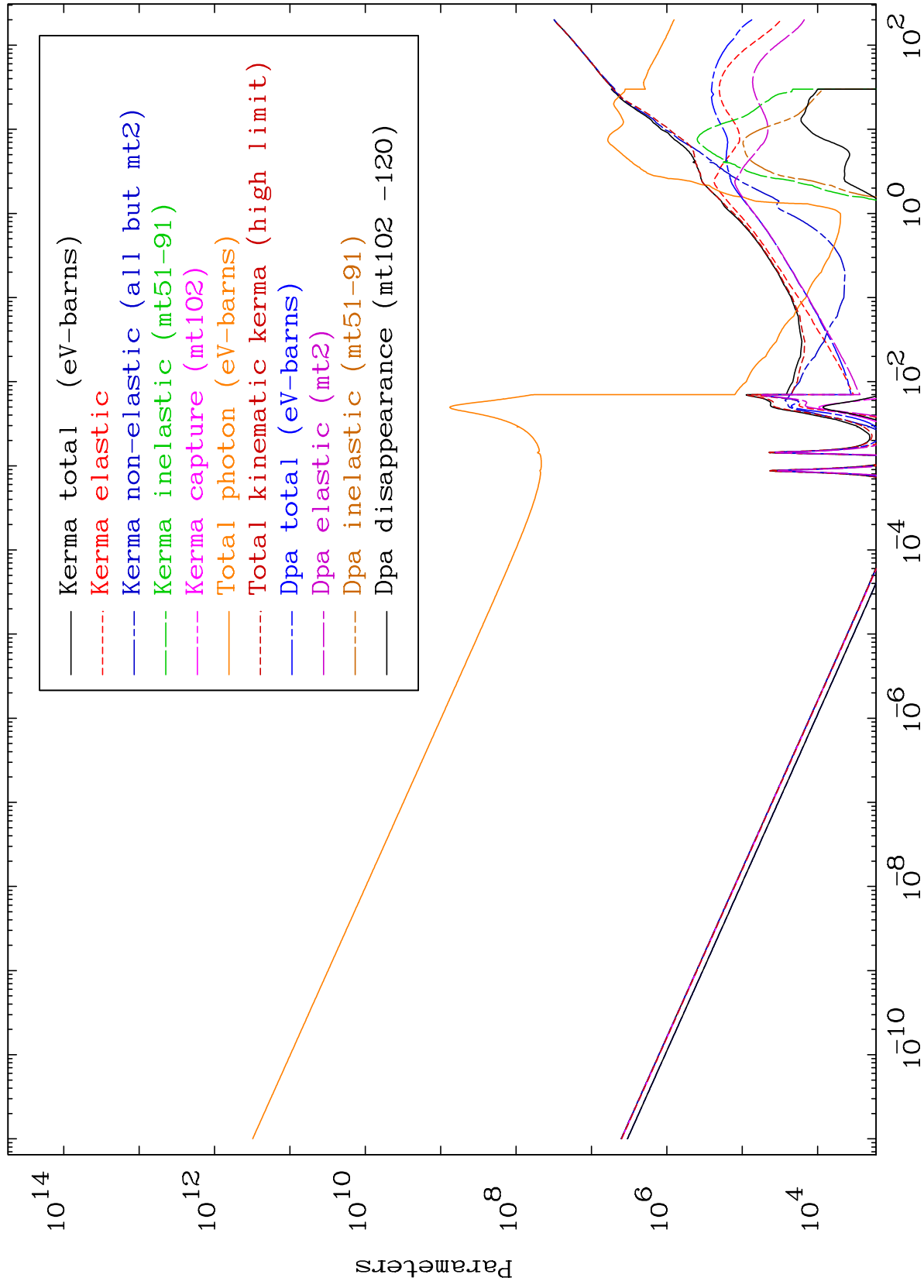
18-Ar-39



14

Incident Energy (MeV)

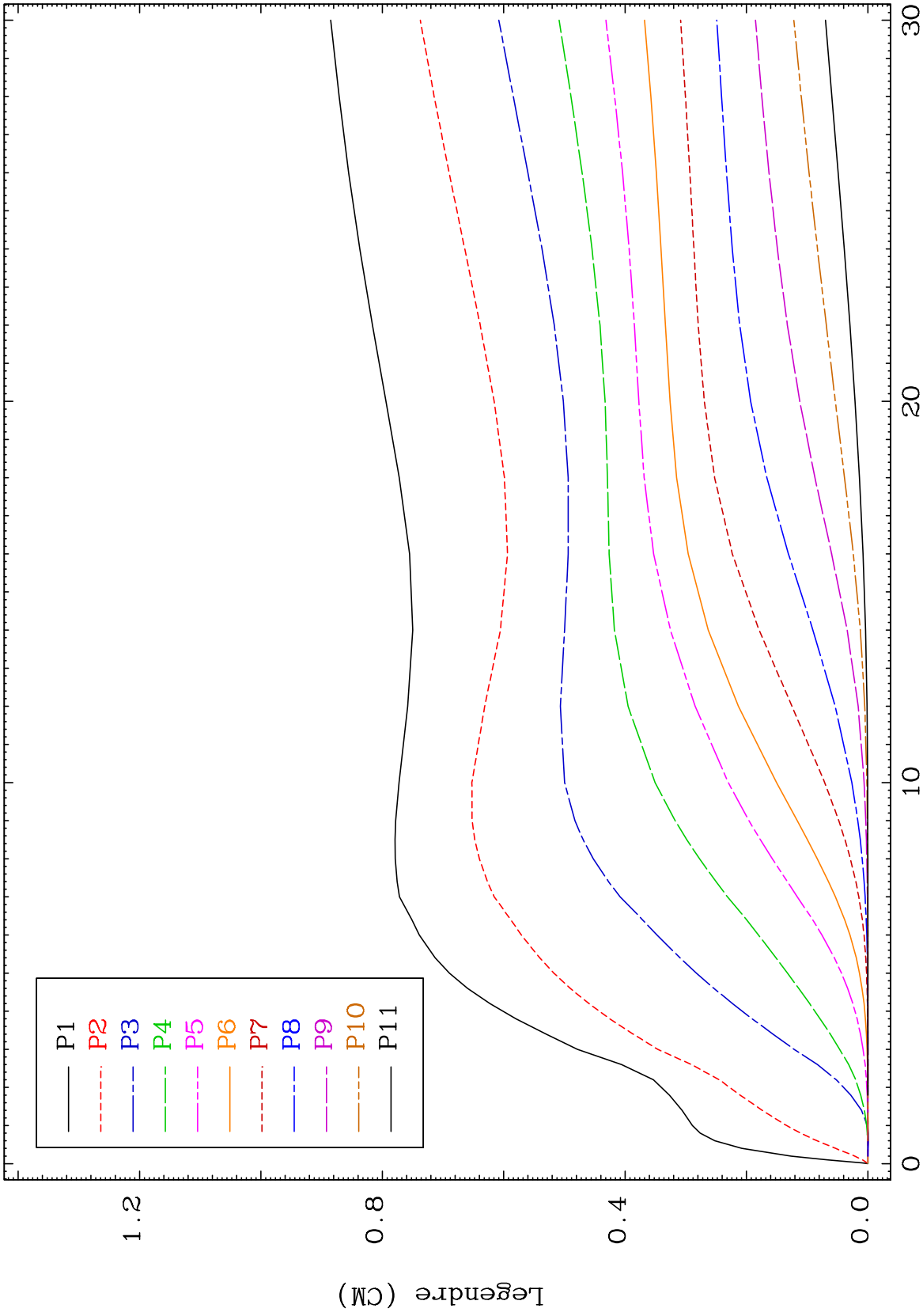
18-Ar-39



MAT 1834

Elastic Legendre Coefficients

18-Ar-39



16

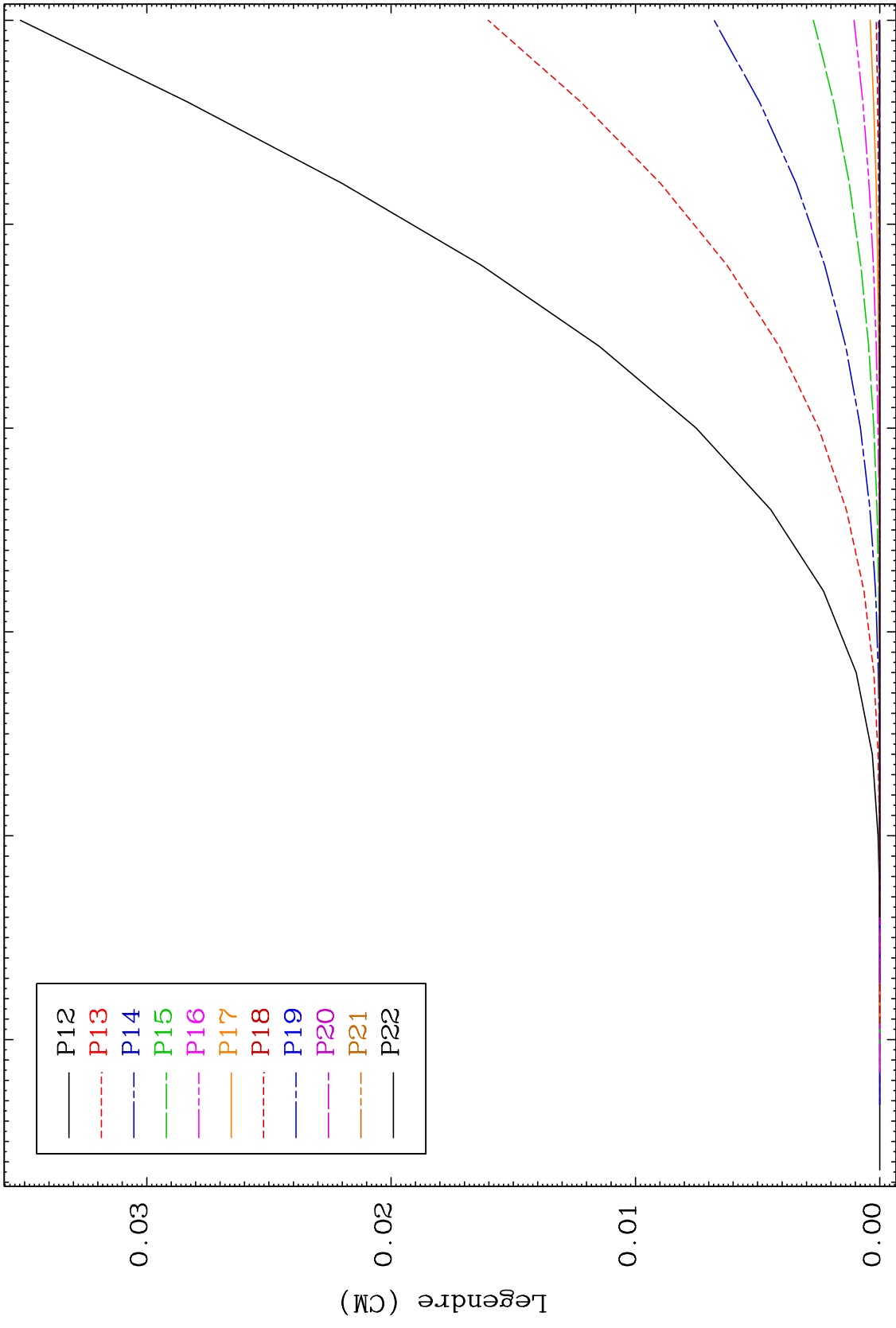
Incident Energy (MeV)

18-Ar-39

MAT 1834

Elastic Legendre Coefficients

18-Ar-39



17

18-Ar-39

MAT 1834

Elastic Legendre Coefficients

18-Ar-39



18

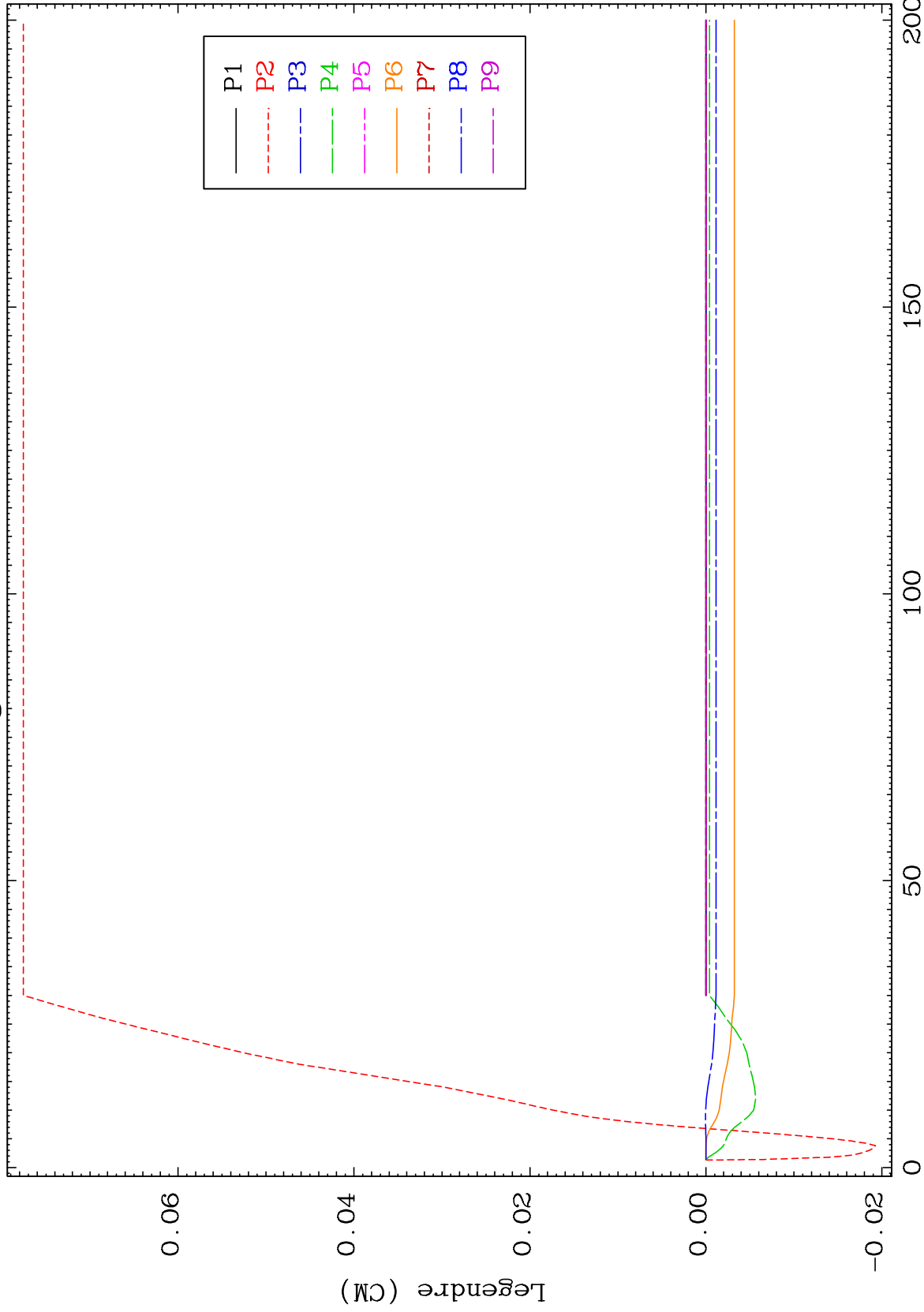
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



19

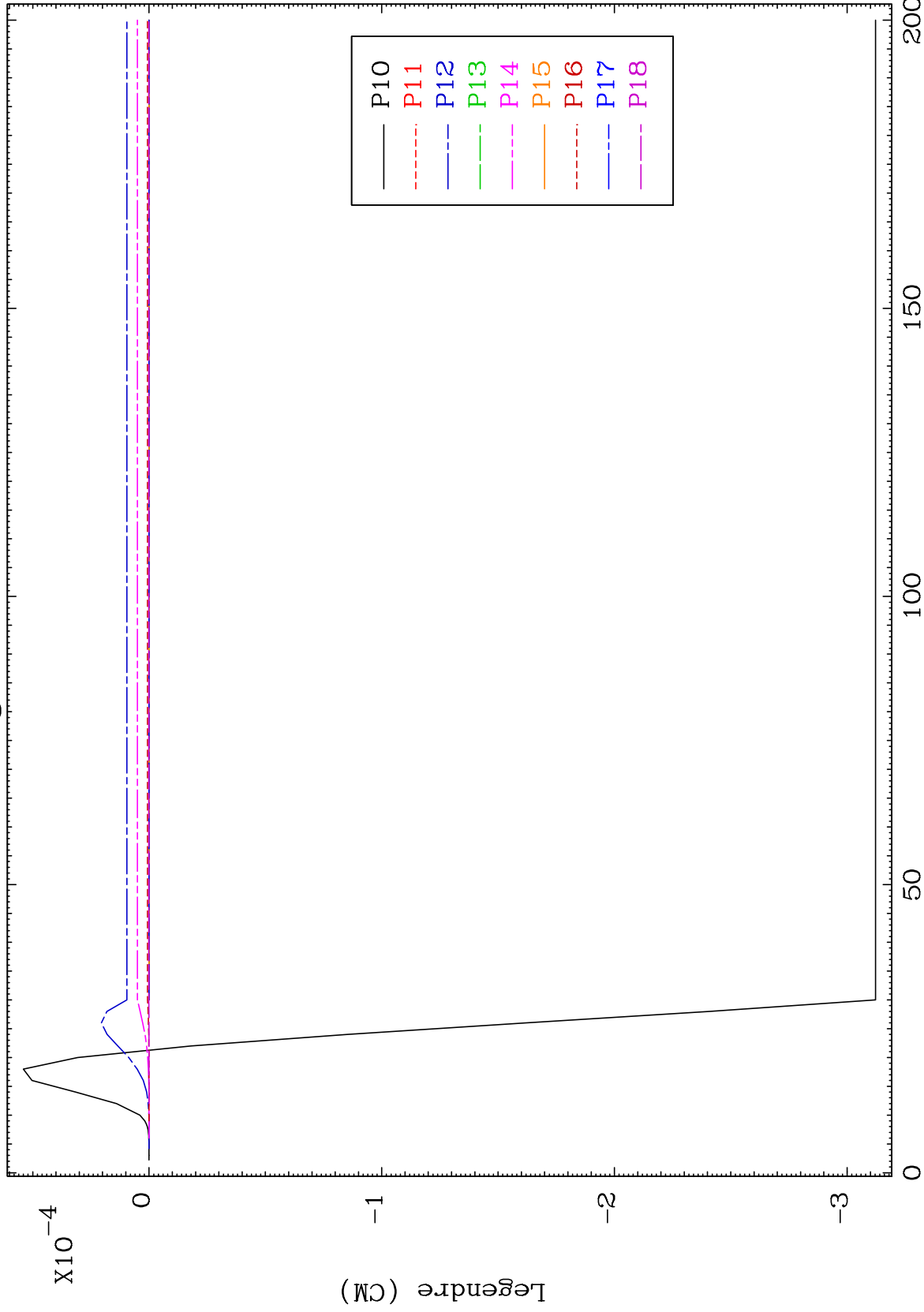
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

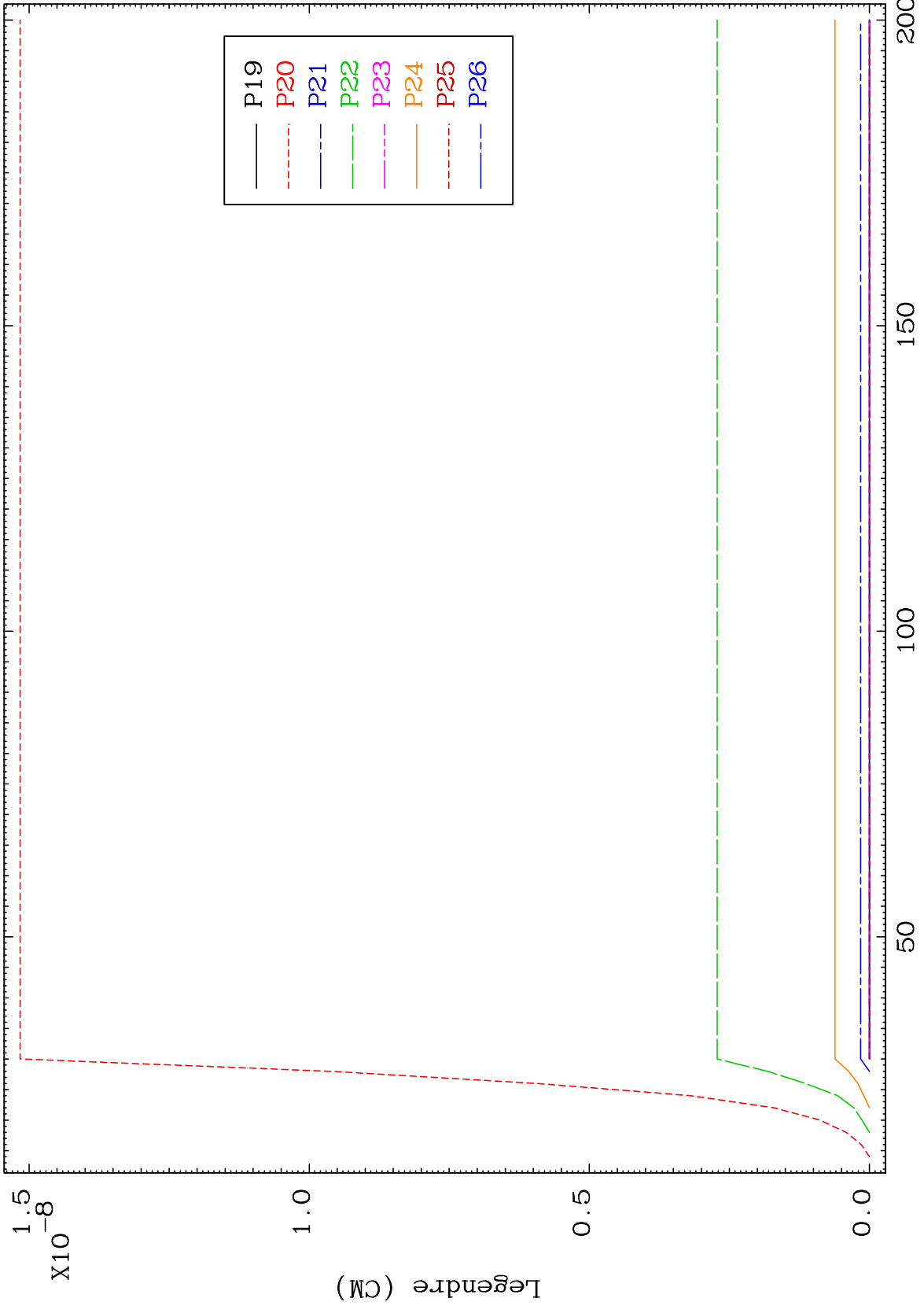


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Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 51 (n,n') Level Legendre Coefficients 18-Ar-39

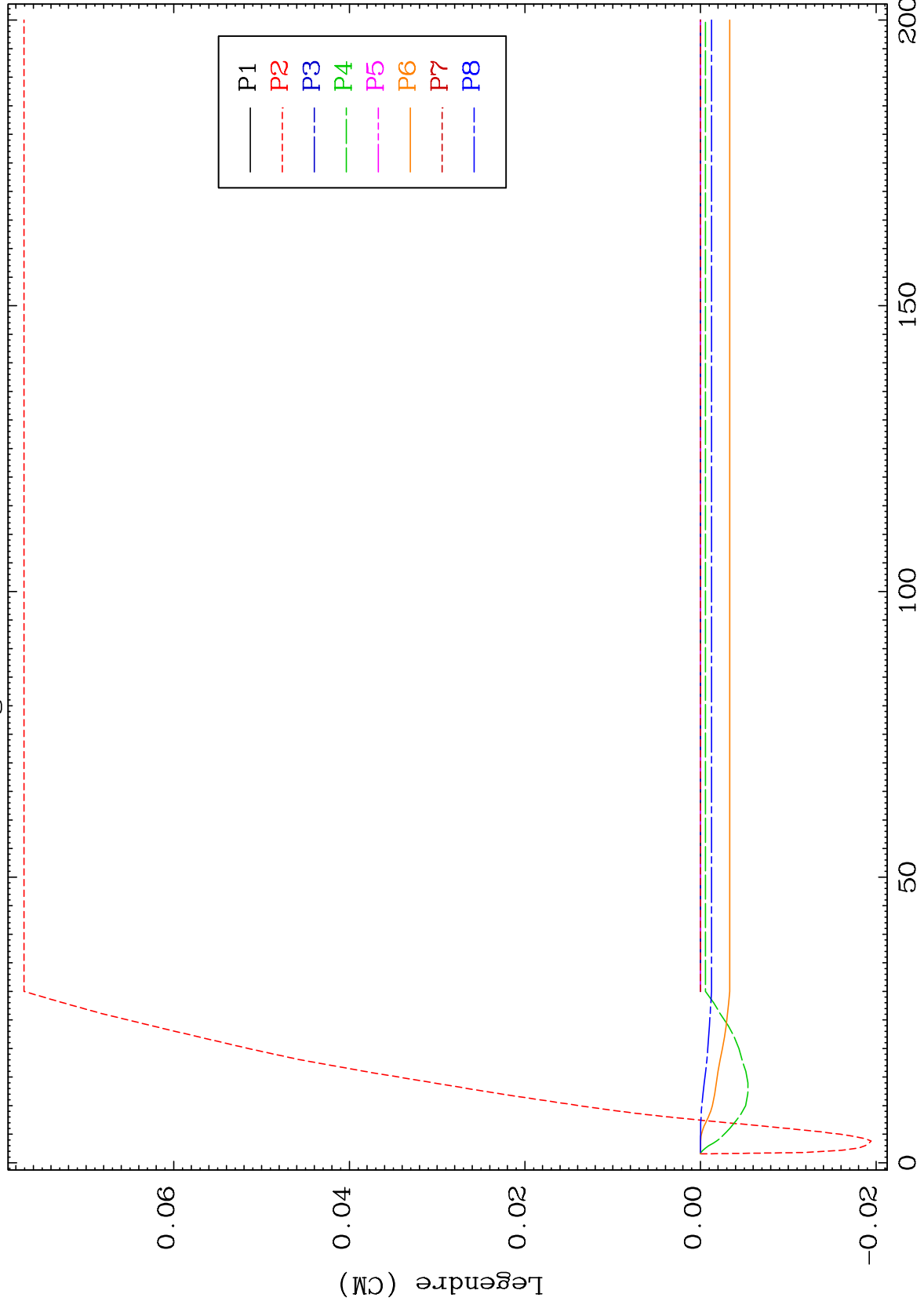


21 18-Ar-39

MAT 1834

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

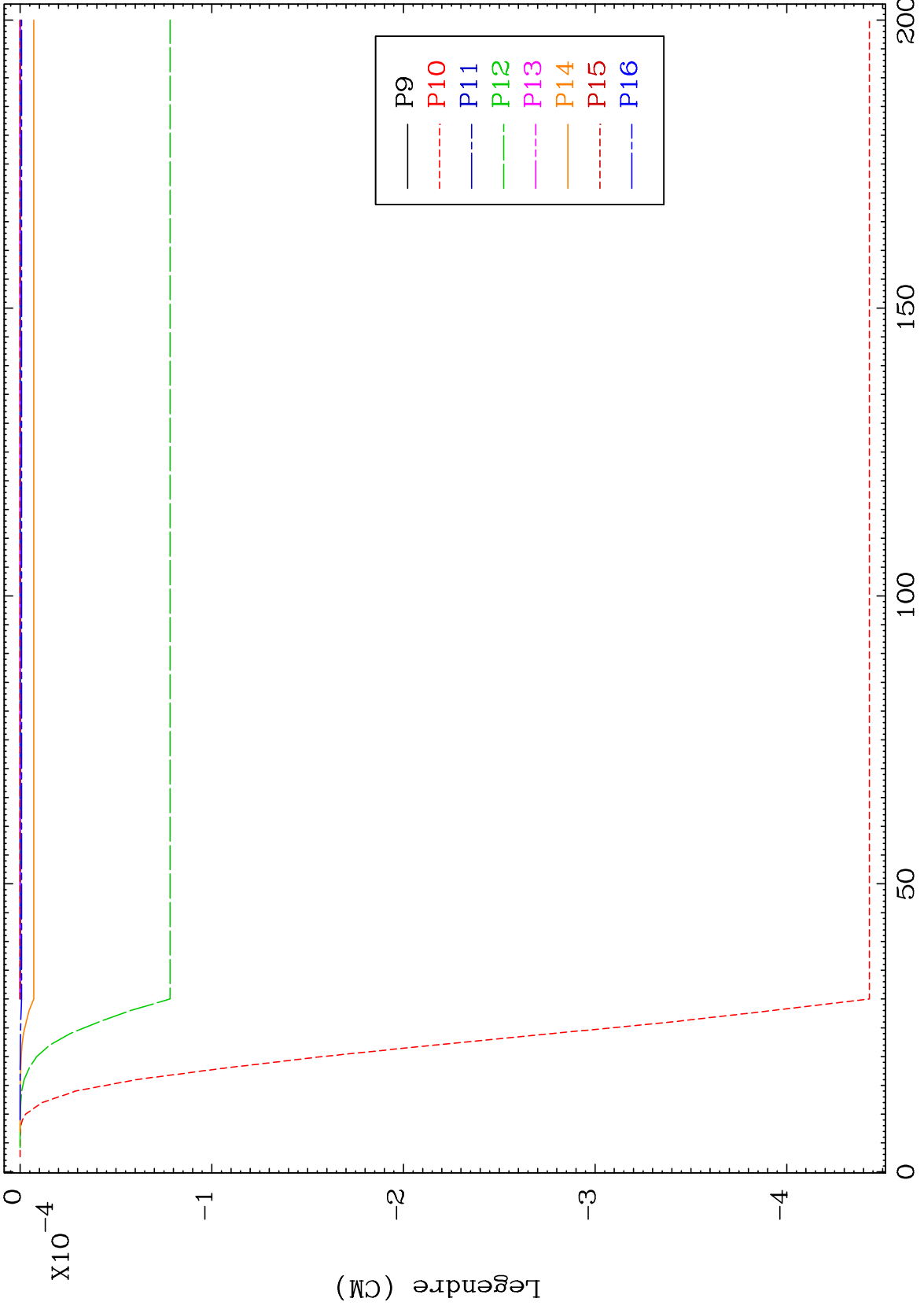
18-Ar-39



22

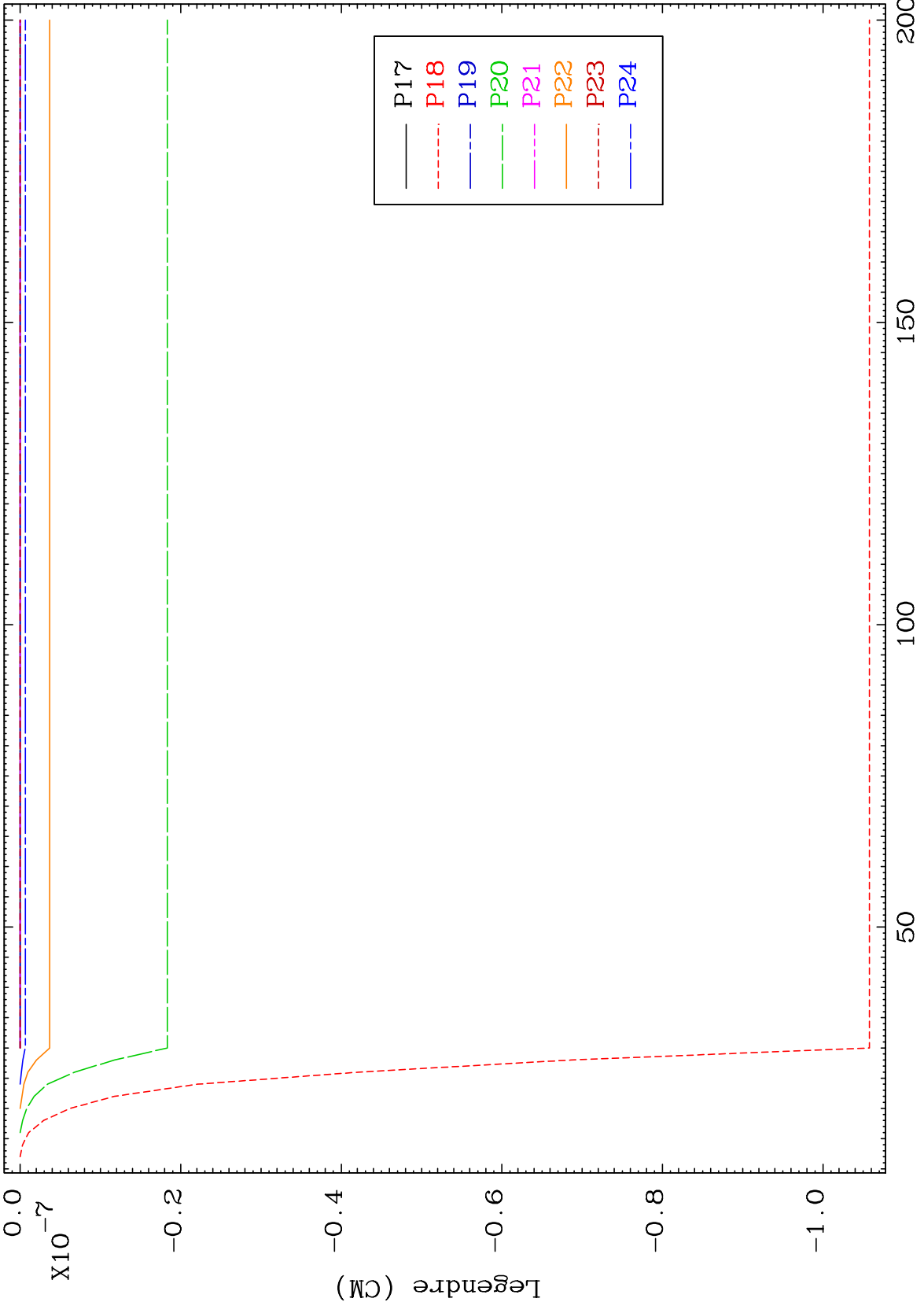
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MAT 1834 MT= 52 (n,n') Level Legendre Coefficients 18-Ar-39



23 18-Ar-39

MAT 1834 MT= 52 (n,n') Level Legendre Coefficients 18-Ar-39

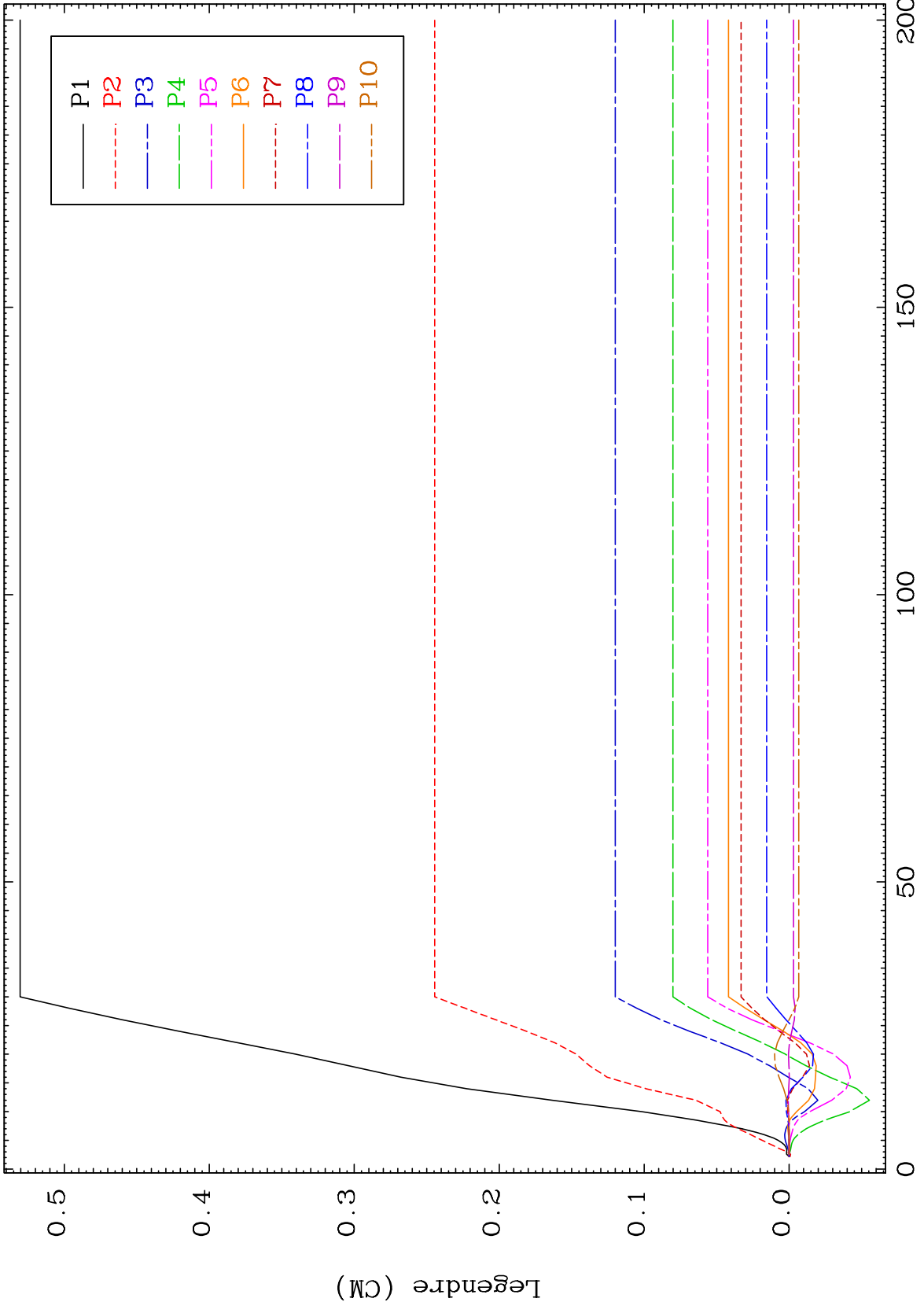


24 Incident Energy (MeV) 18-Ar-39

MAT 1834

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

18-Ar-39



25

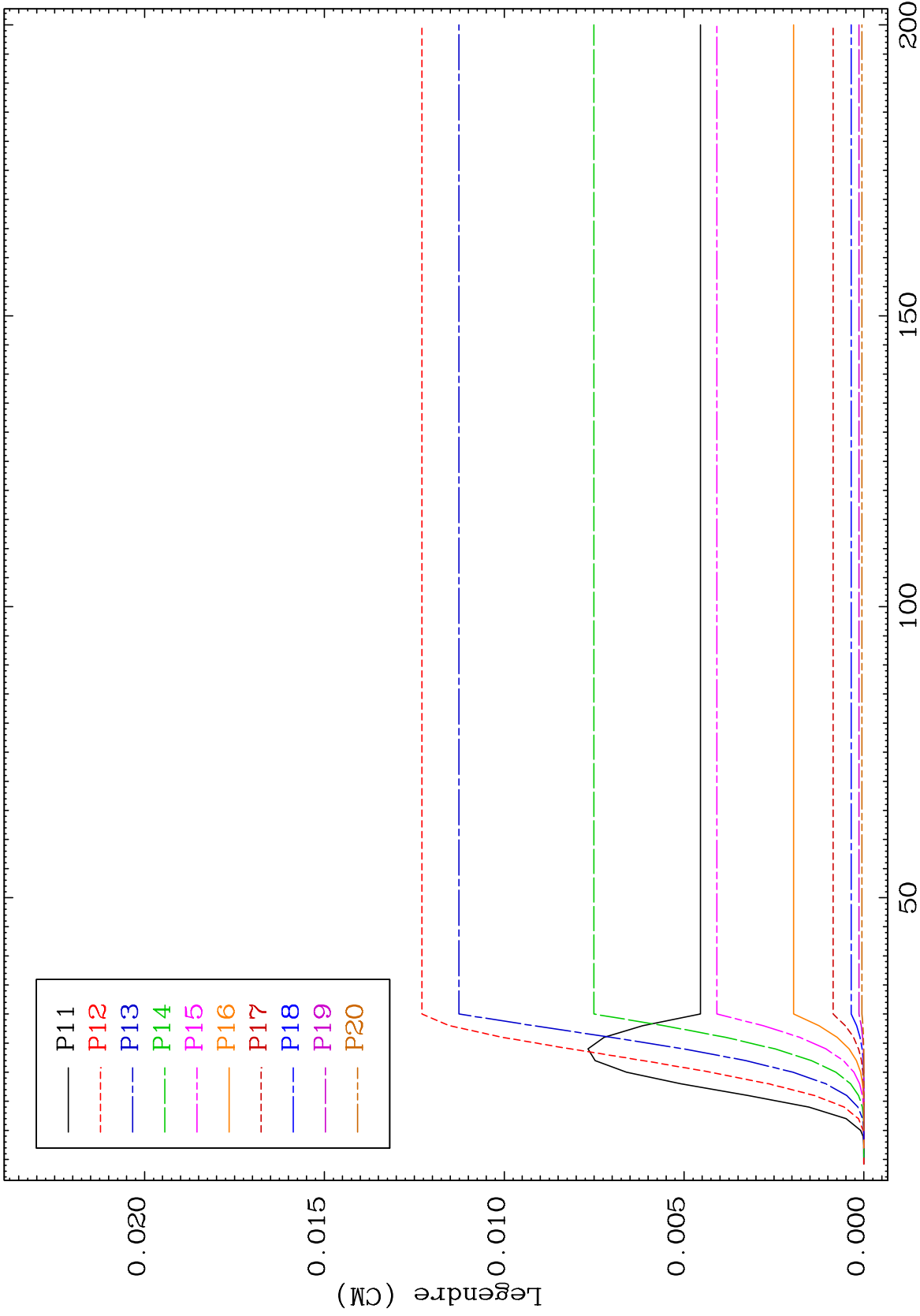
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



26

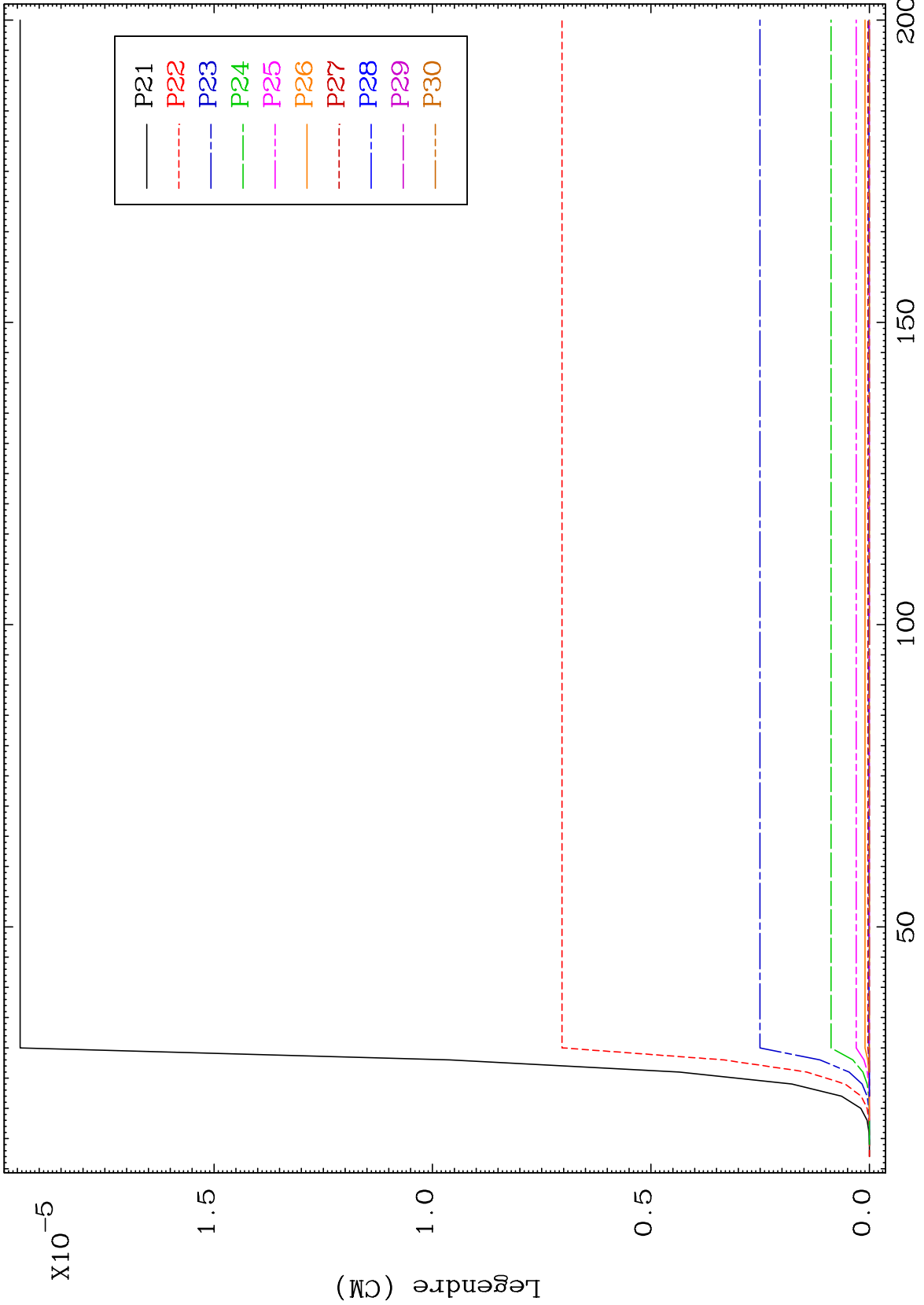
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



27

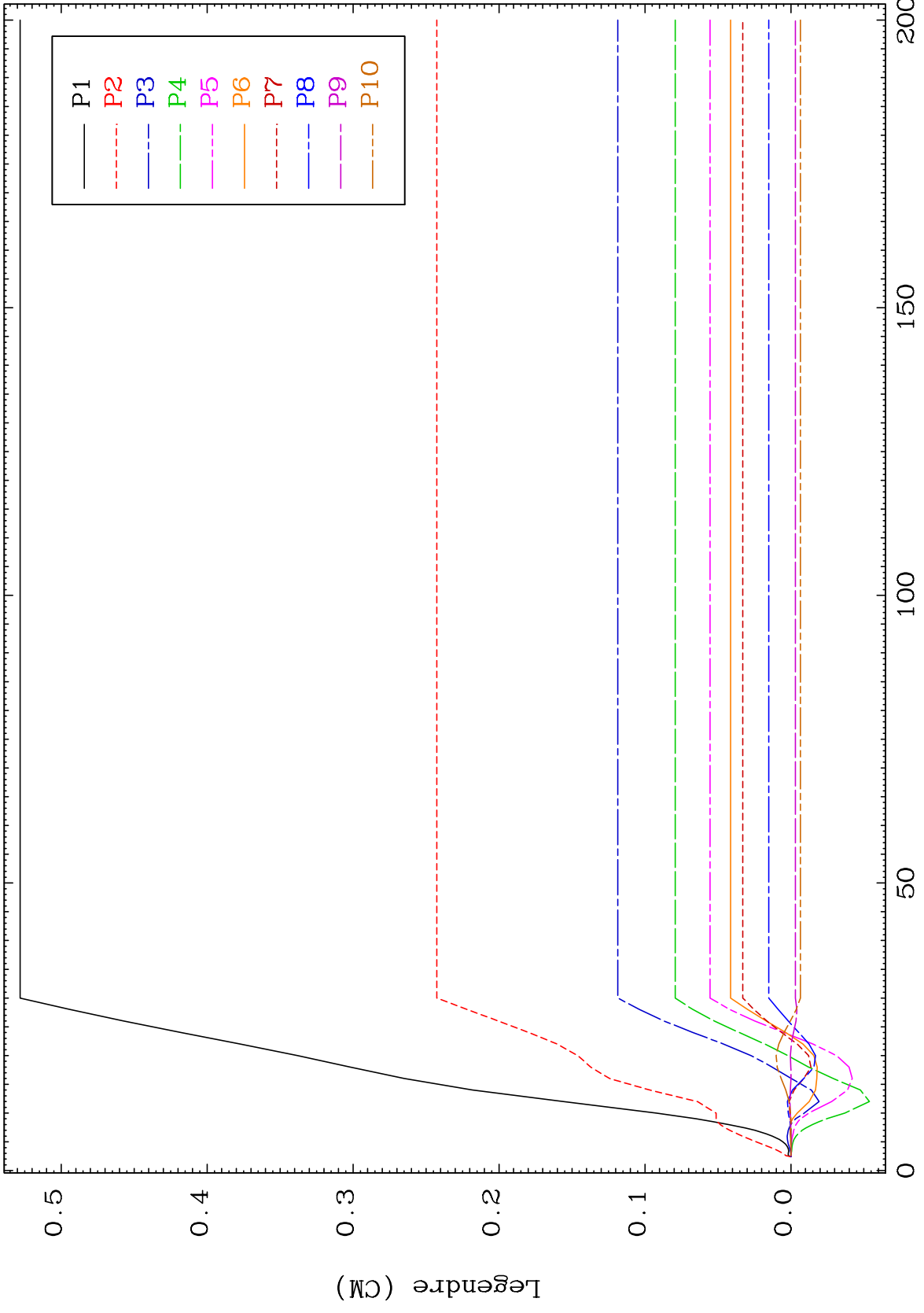
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



28

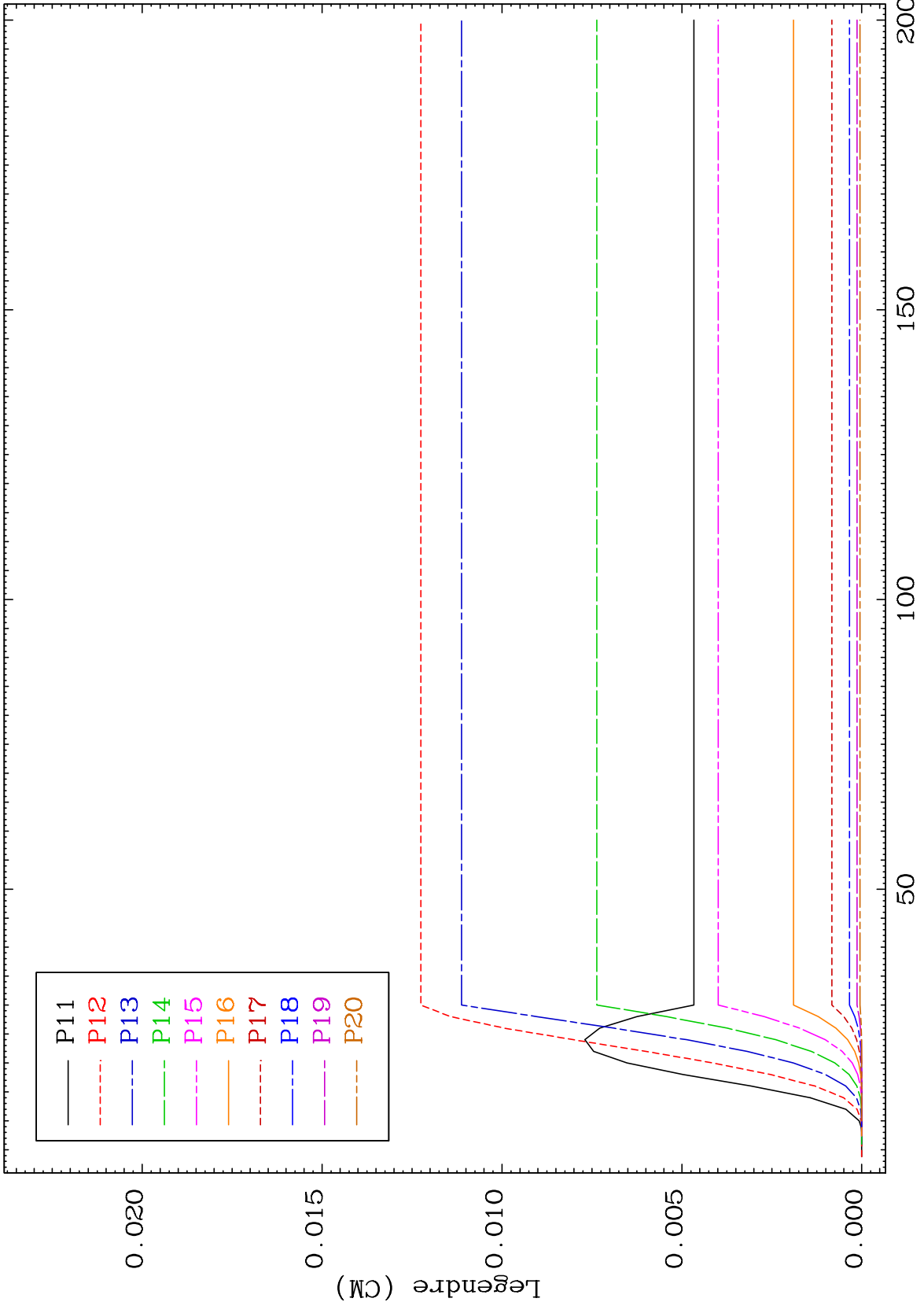
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



29

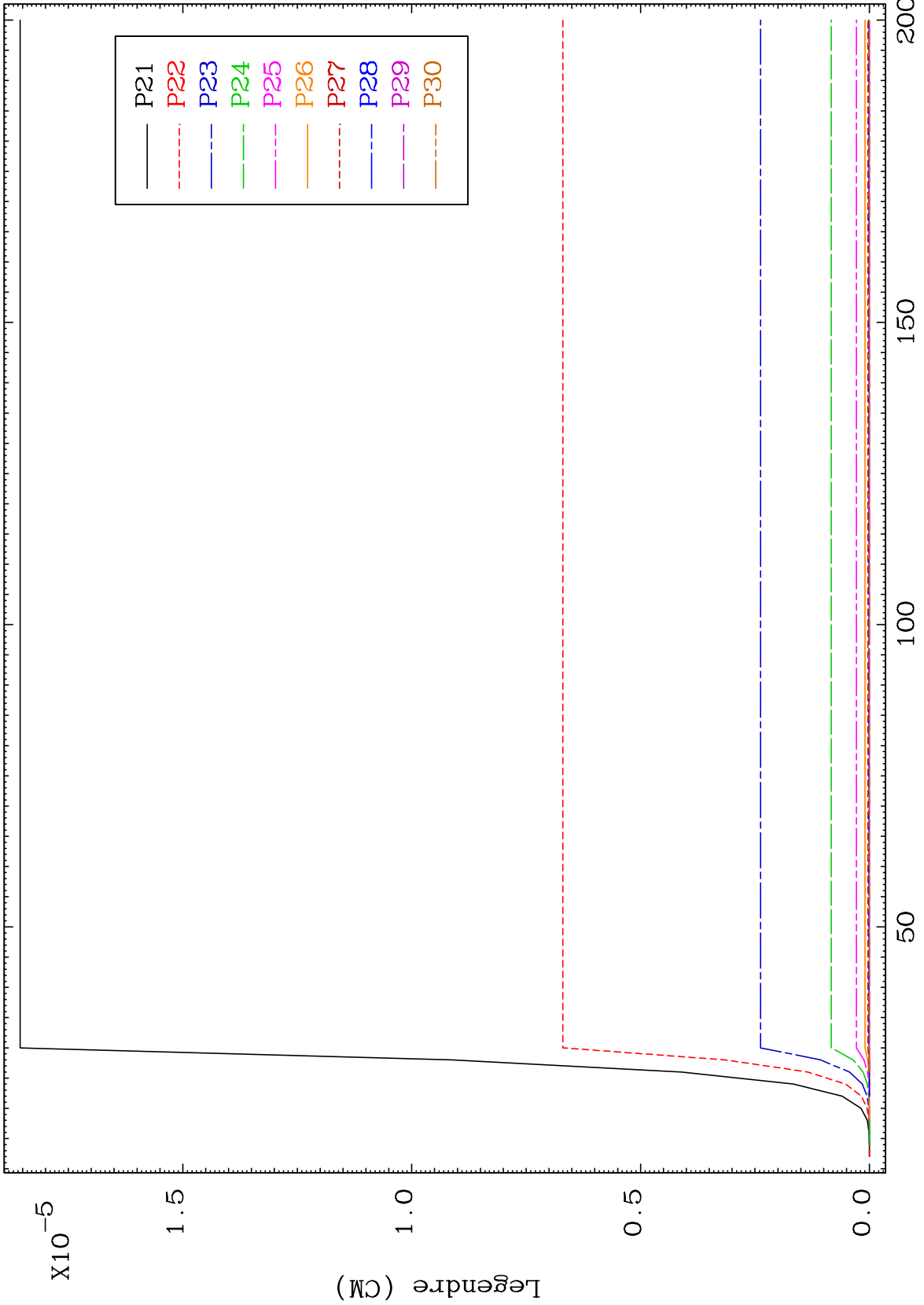
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



30

50

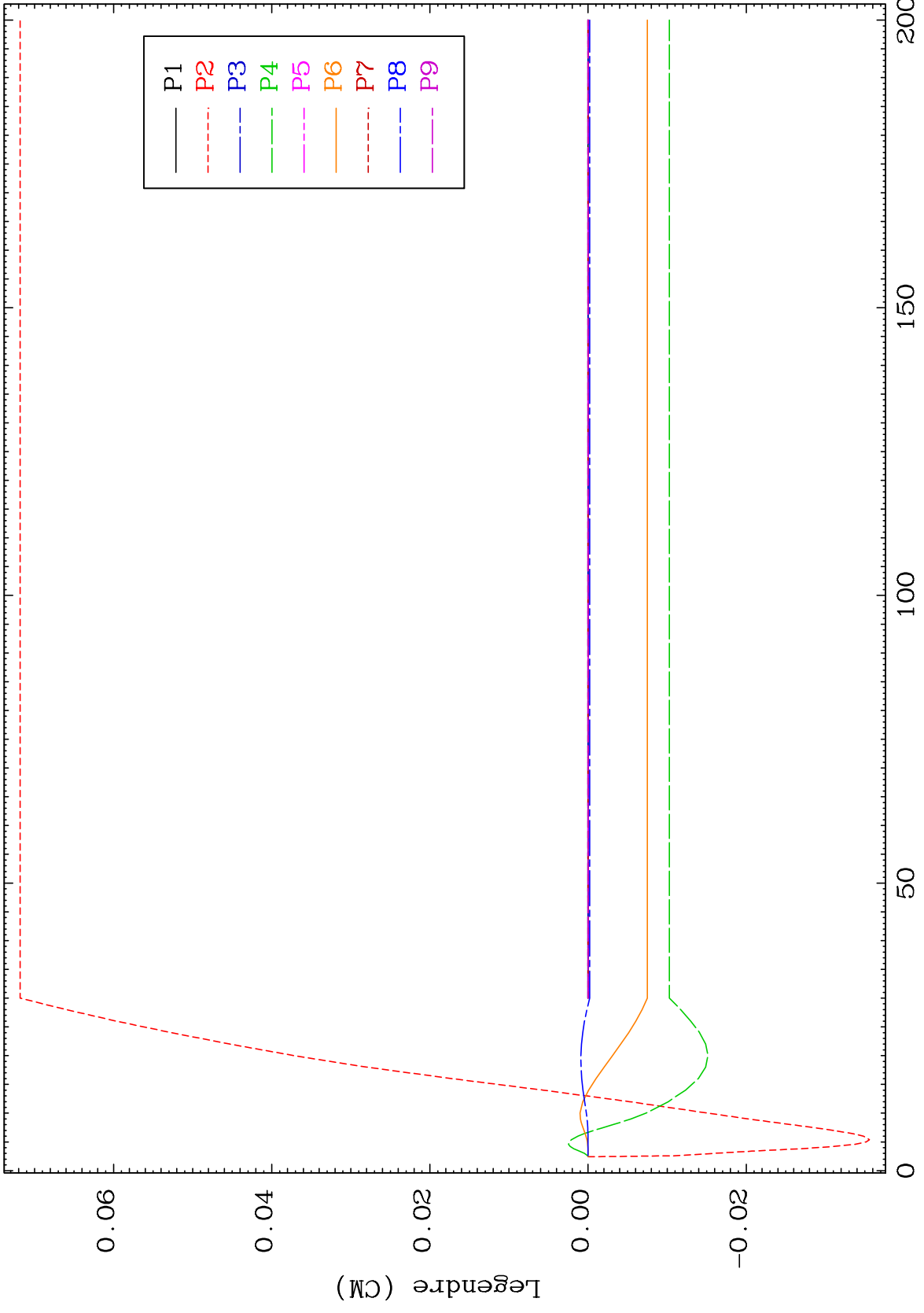
100

150

200

18-Ar-39

MAT 1834 MT= 55 (n,n') Level Legendre Coefficients 18-Ar-39

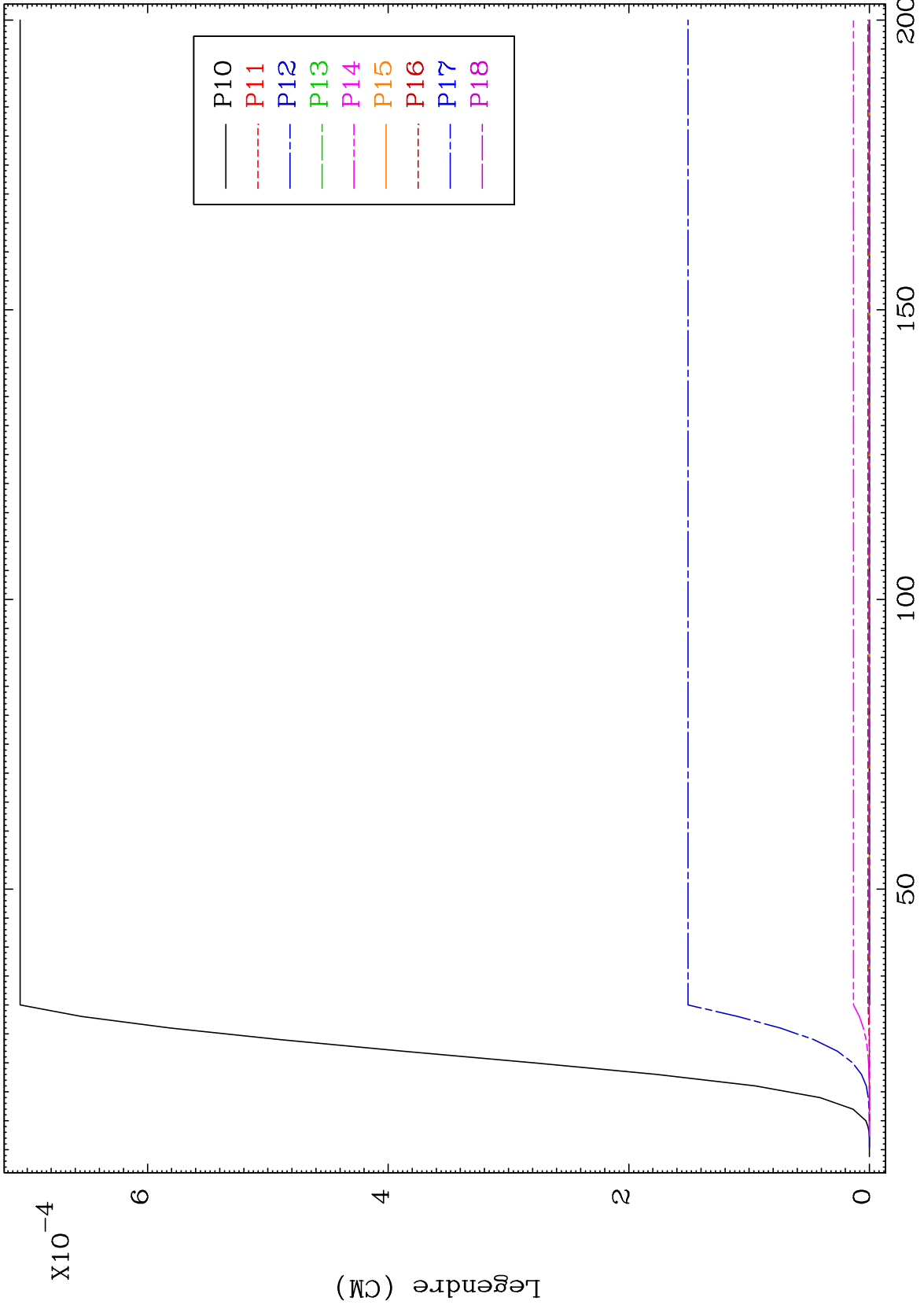


31 18-Ar-39

MAT 1834

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

18-Ar-39

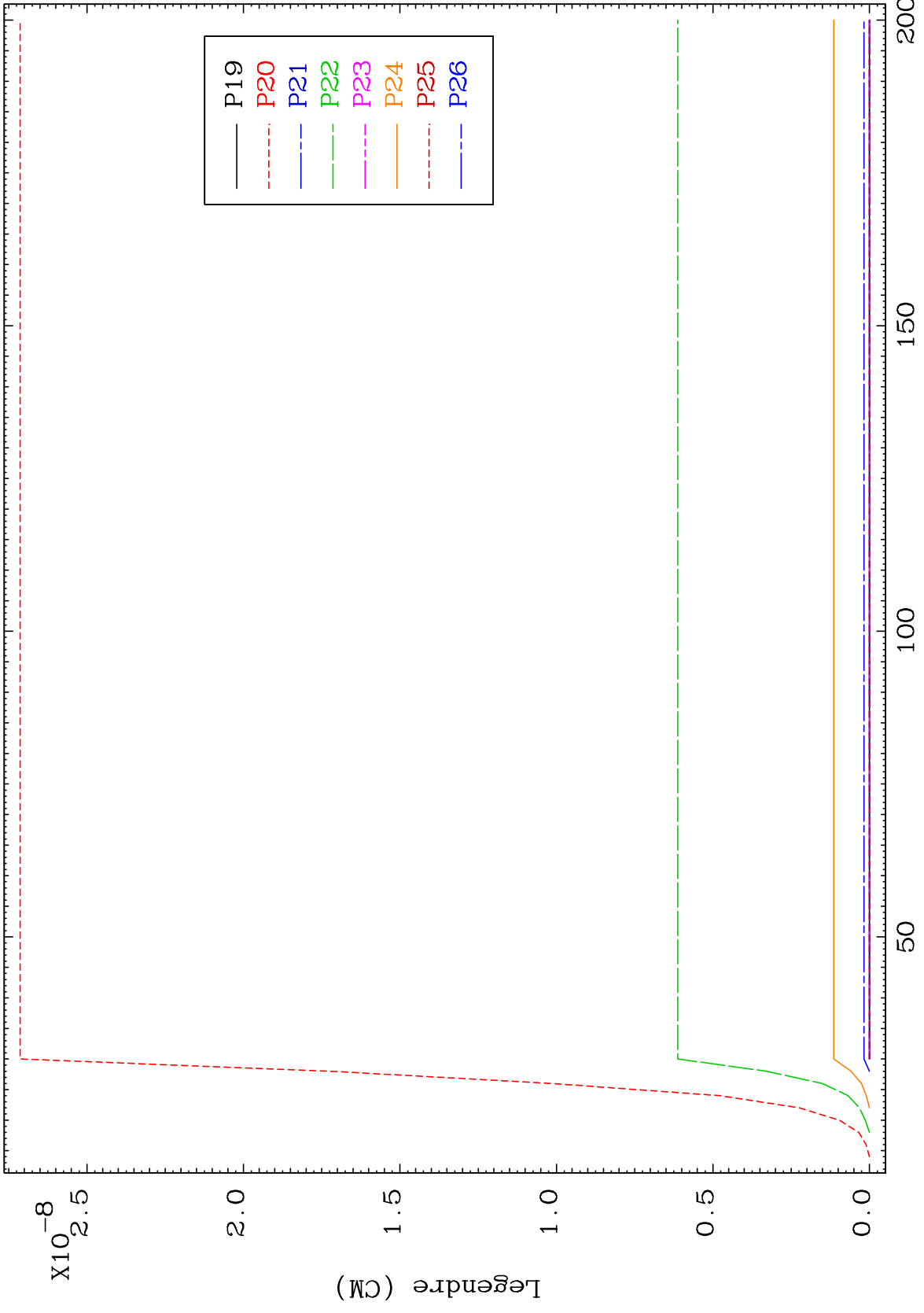


32

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 55 (n,n') Level Legendre Coefficients 18-Ar-39

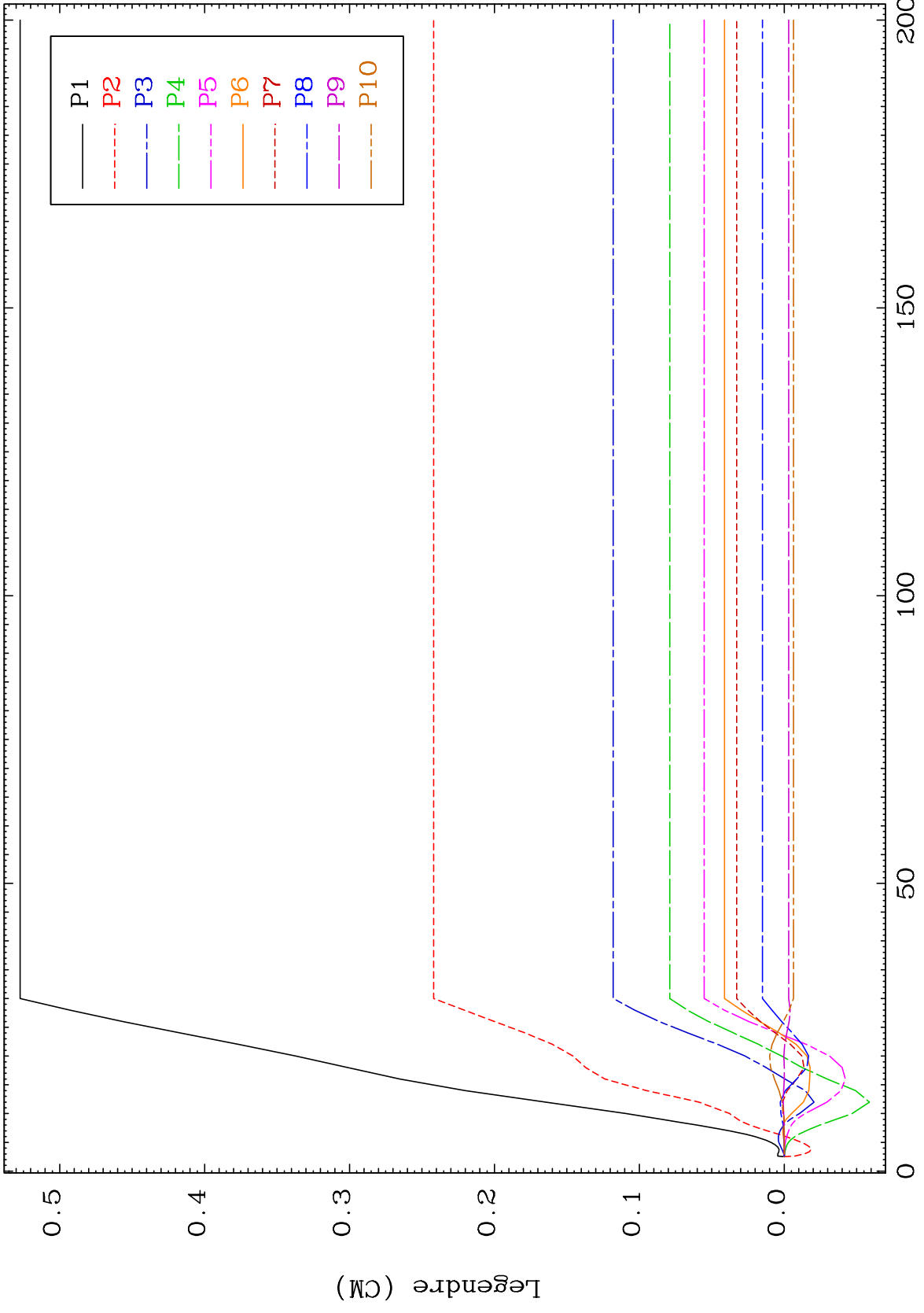


33 Incident Energy (MeV) 18-Ar-39

MAT 1834

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

18-Ar-39



34

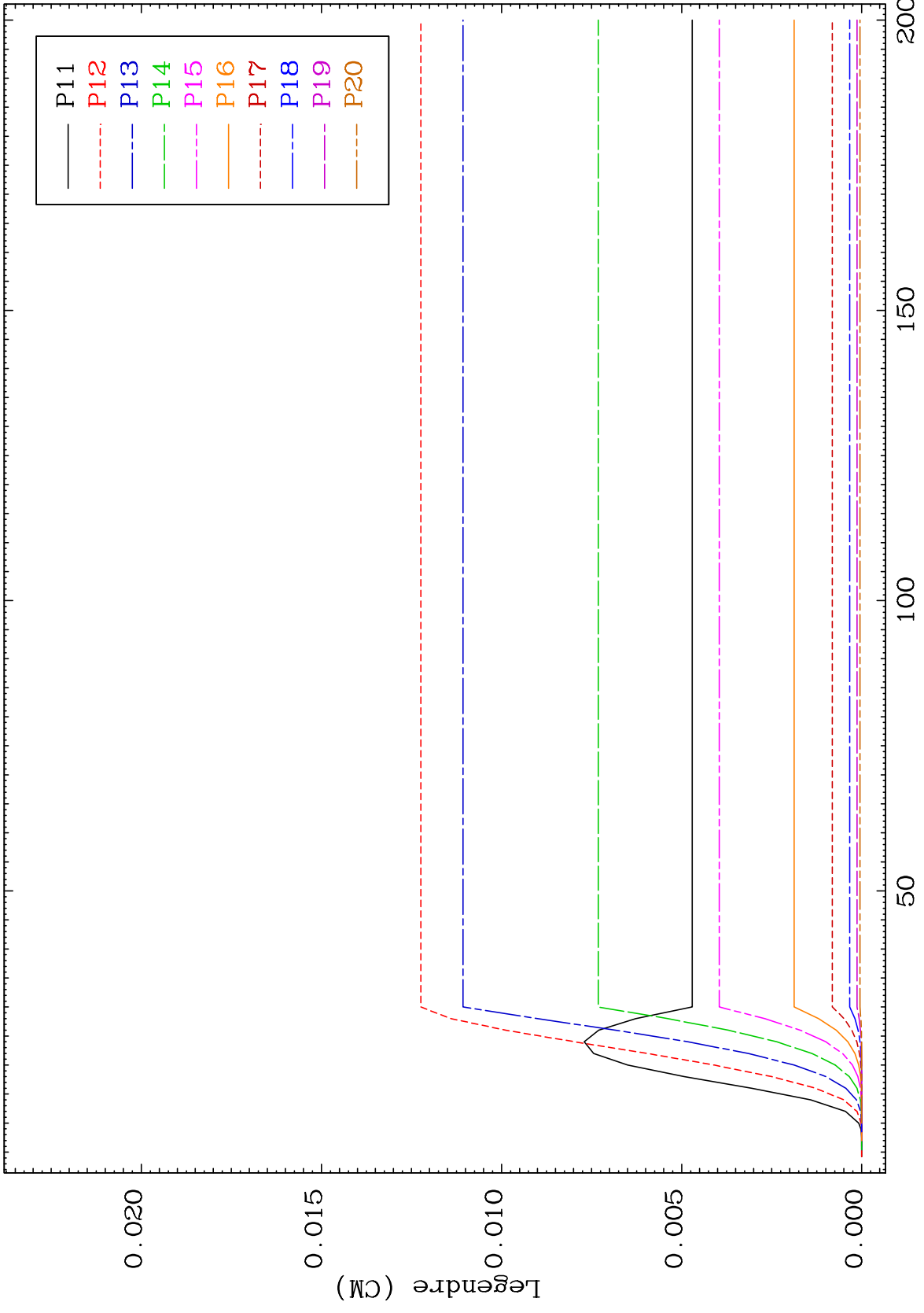
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



35

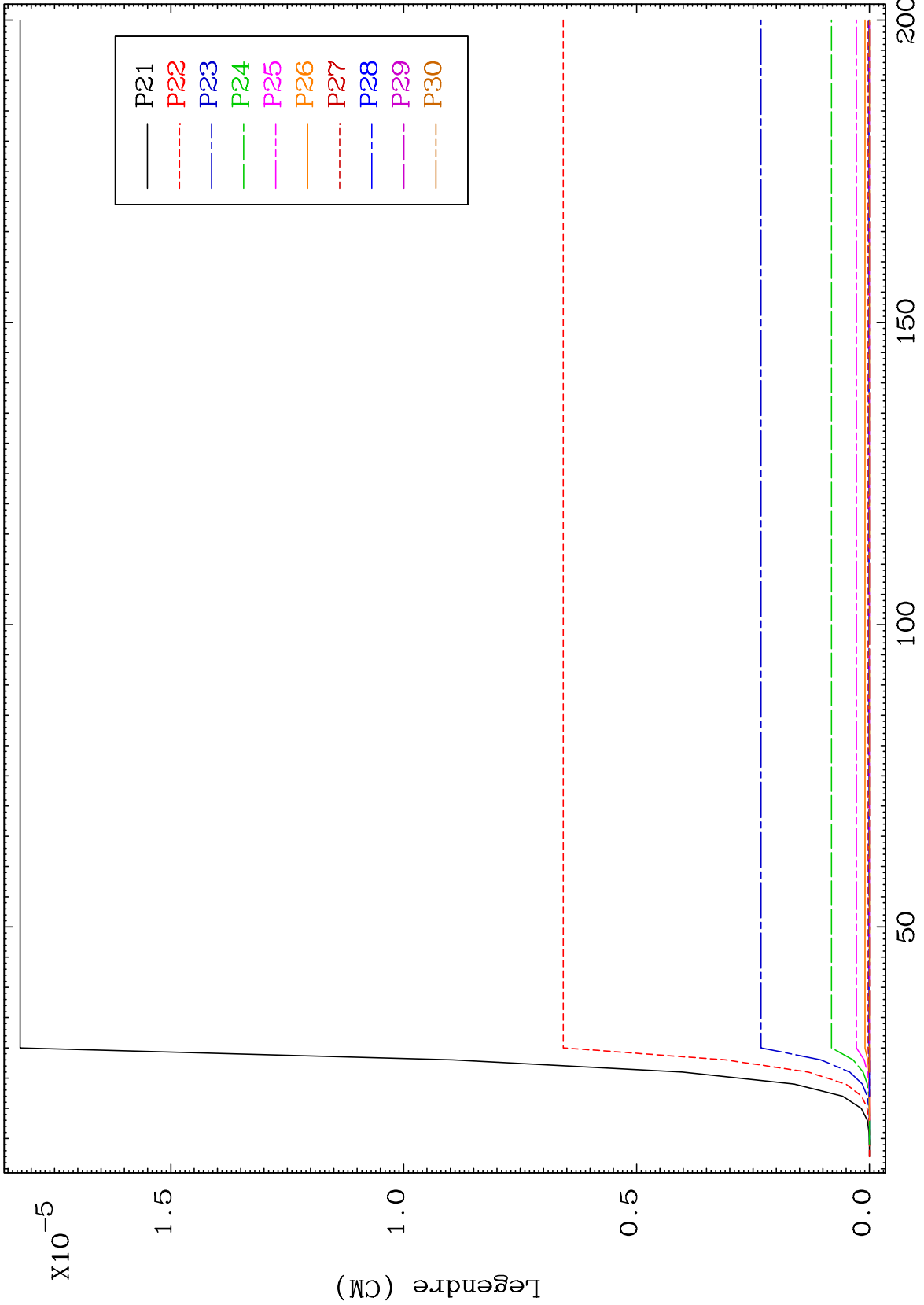
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



36

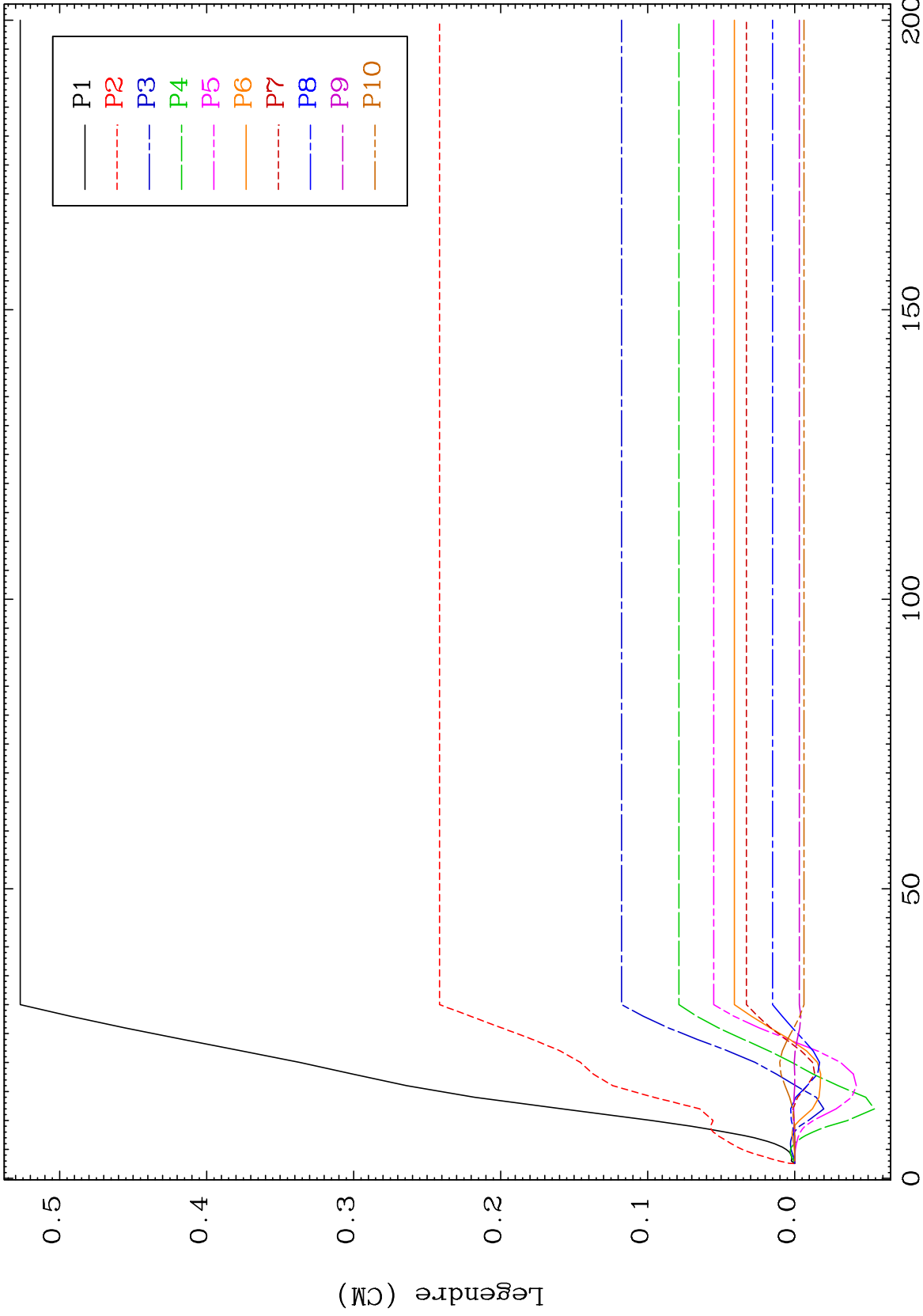
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



37

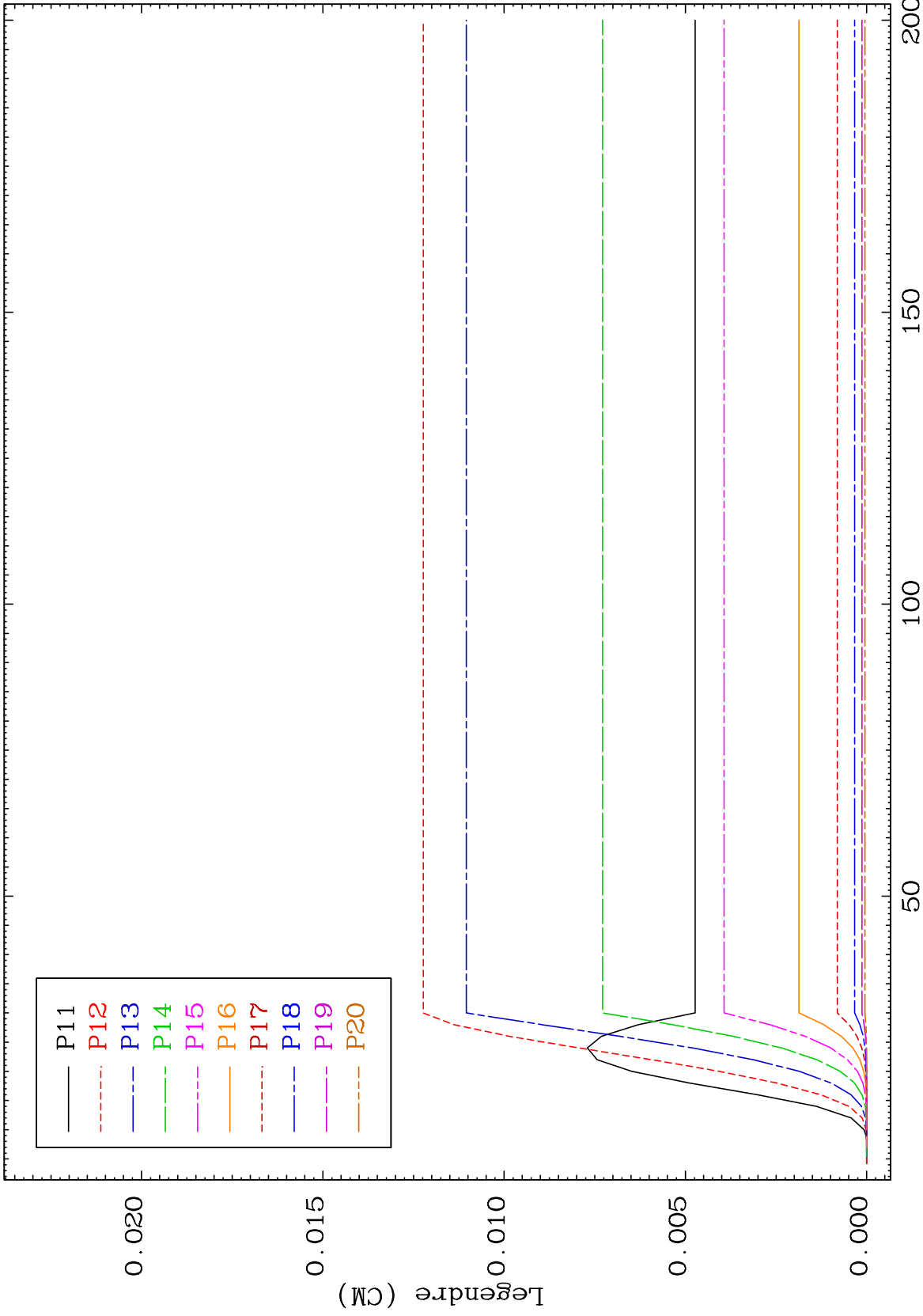
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



38

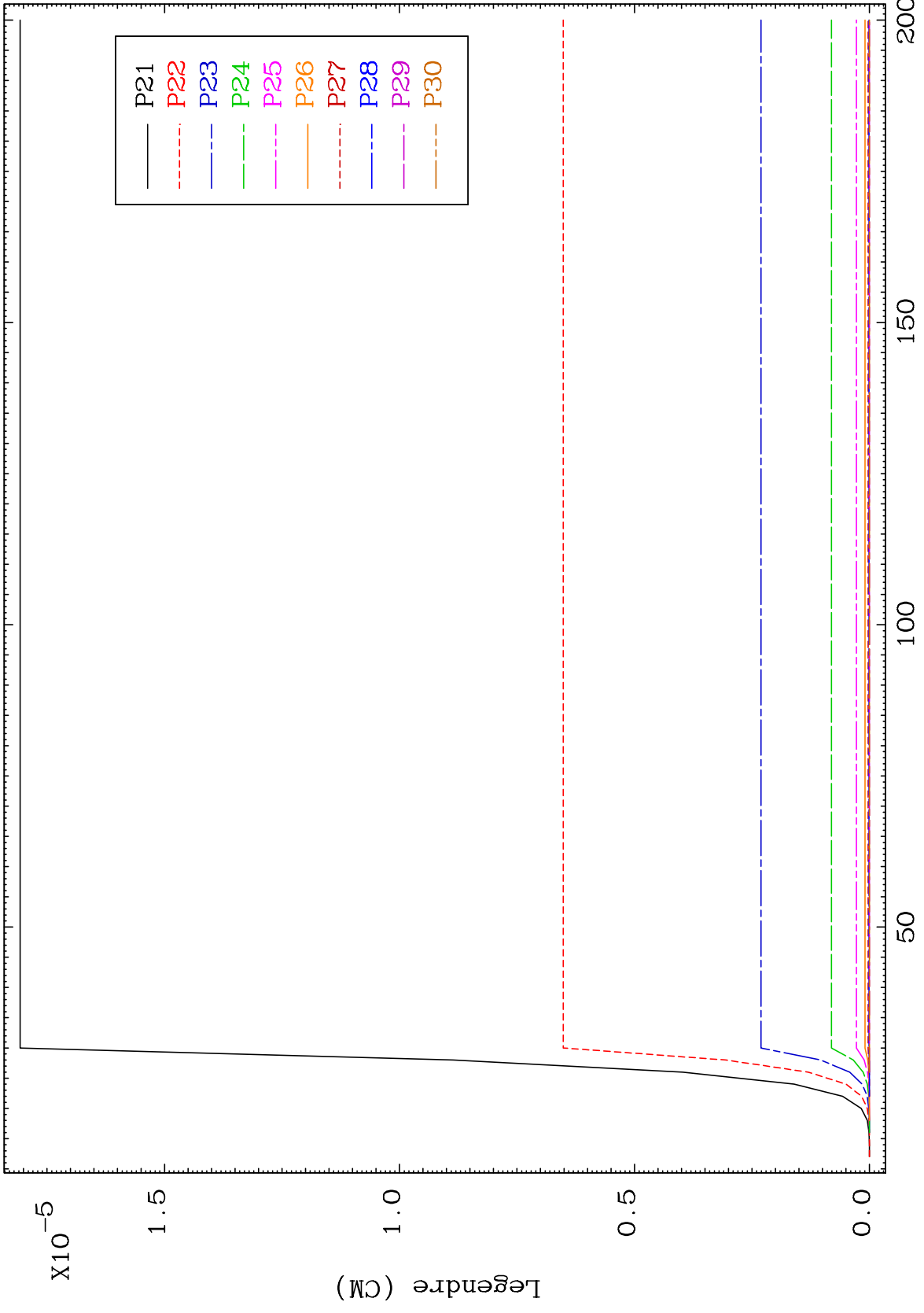
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



39

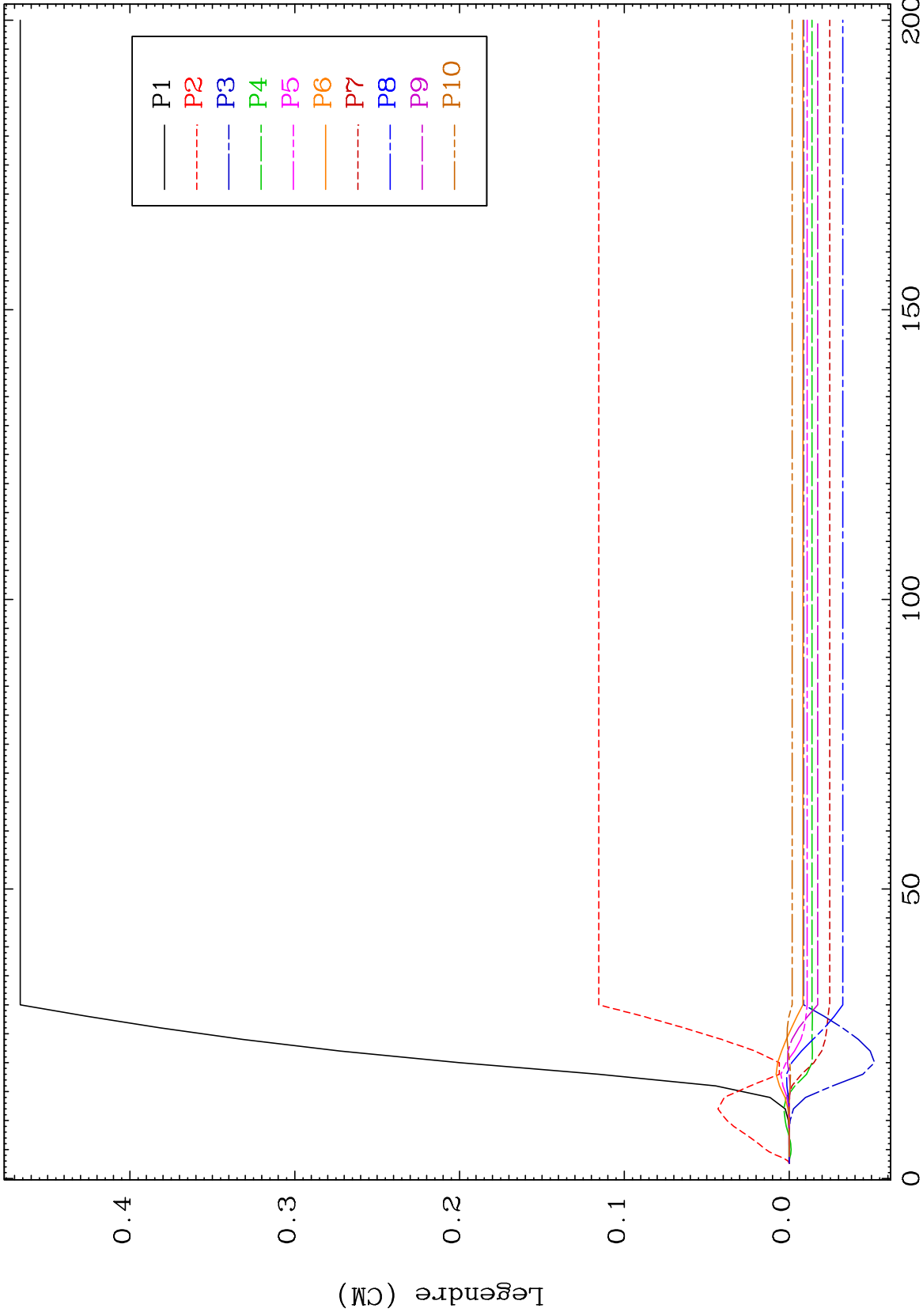
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



40

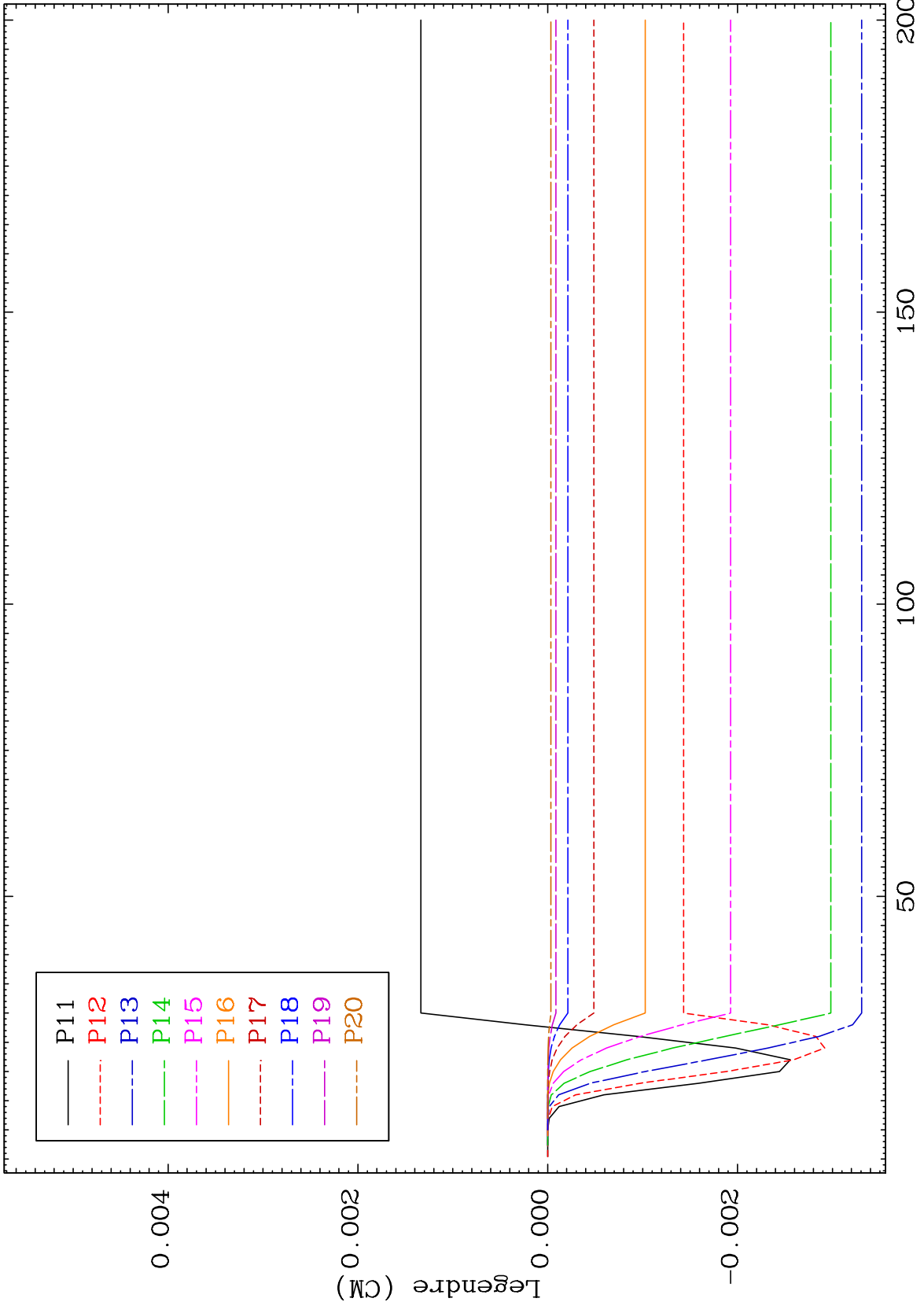
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

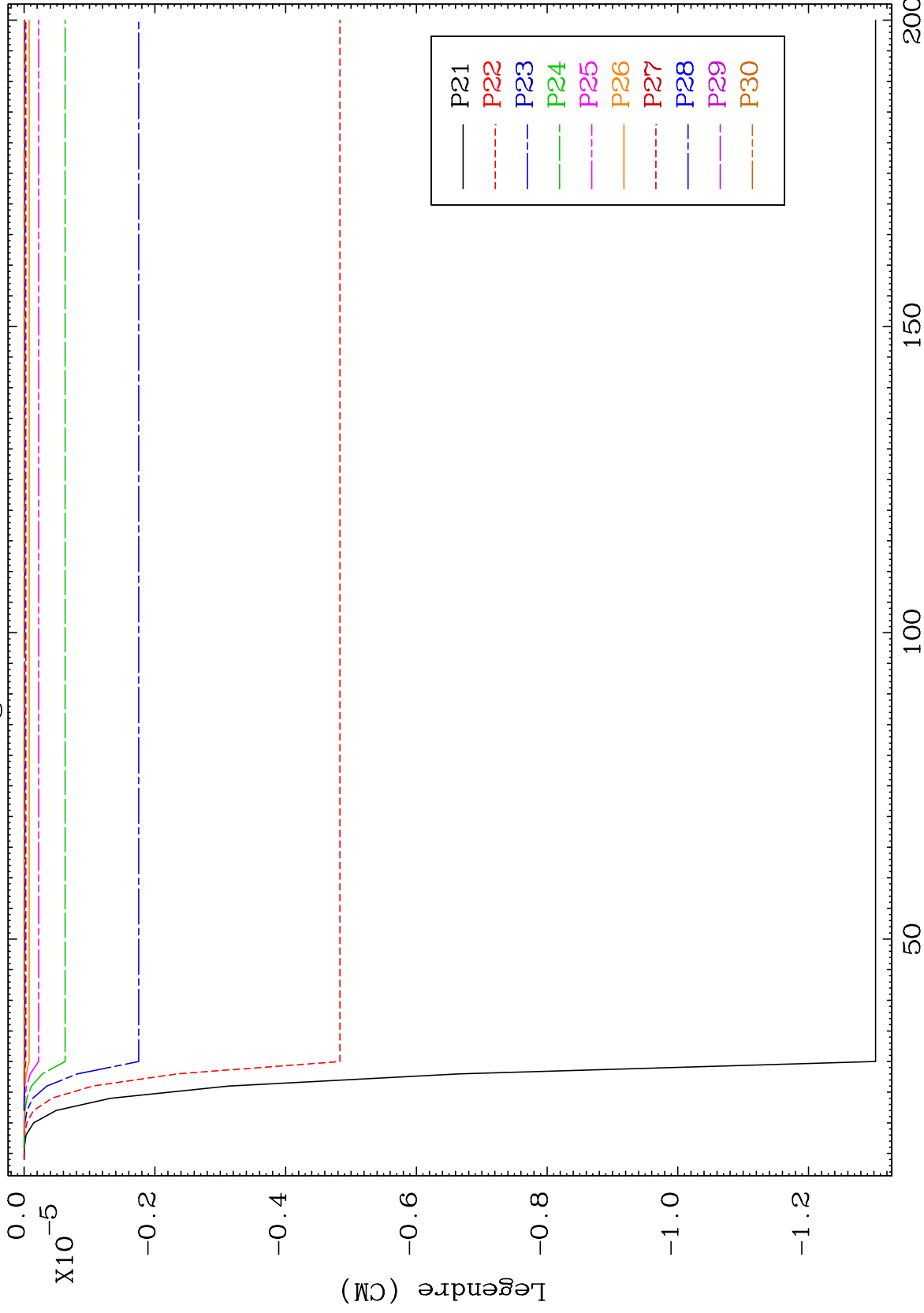
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MAT 1834

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

18-Ar-39



42

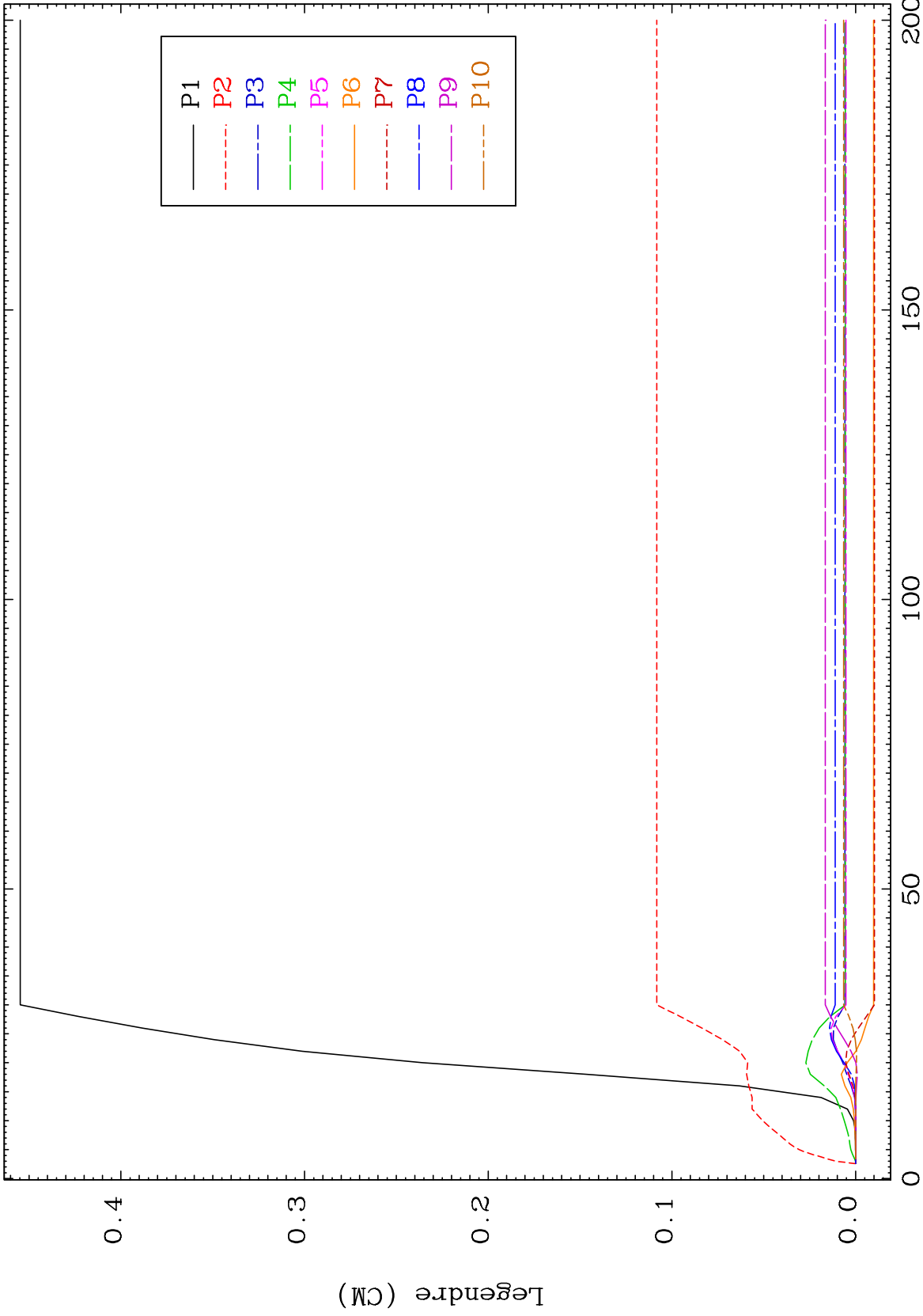
18-Ar-39

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MAT 1834

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

18-Ar-39



43

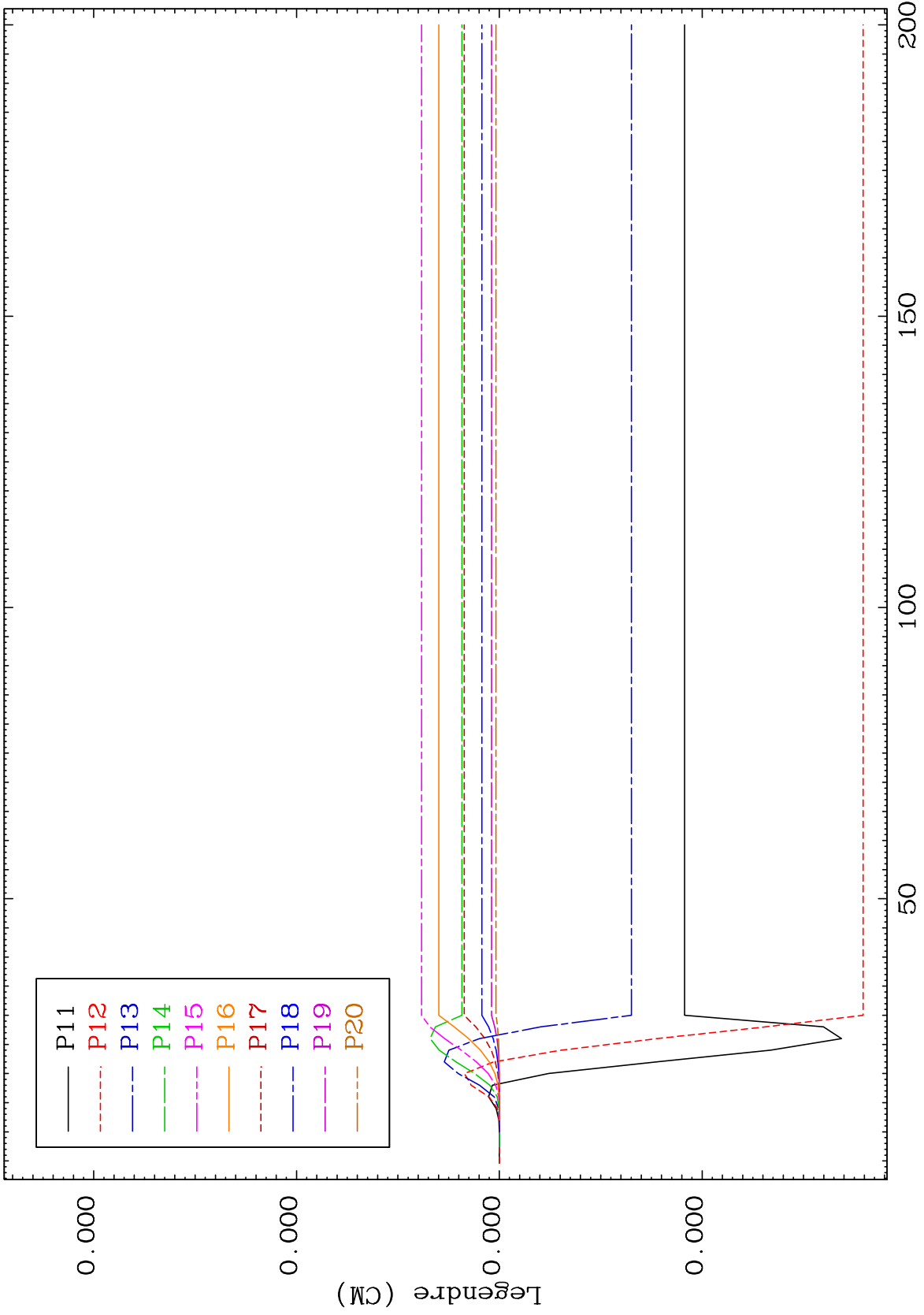
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

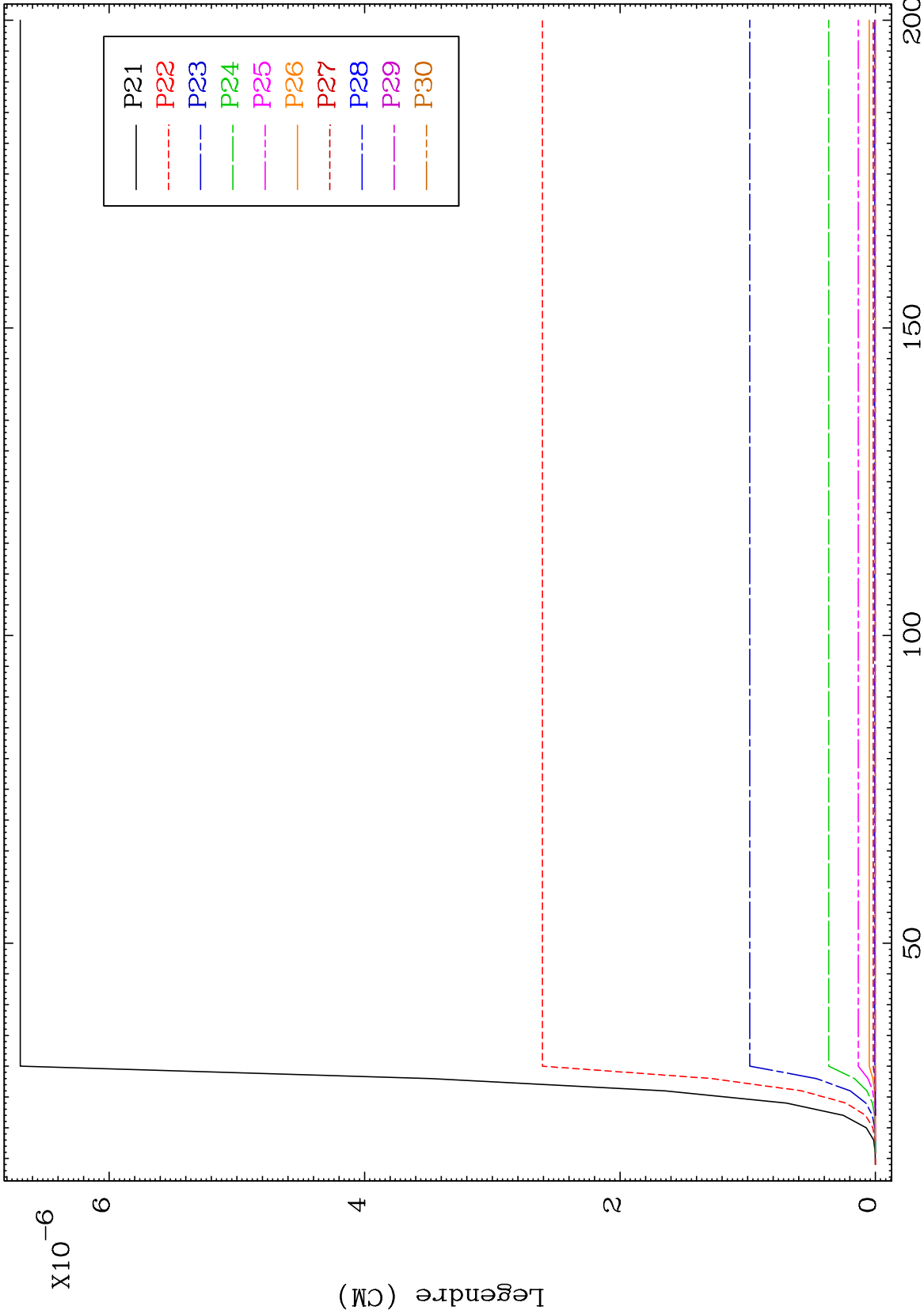
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MAT 1834

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

18-Ar-39



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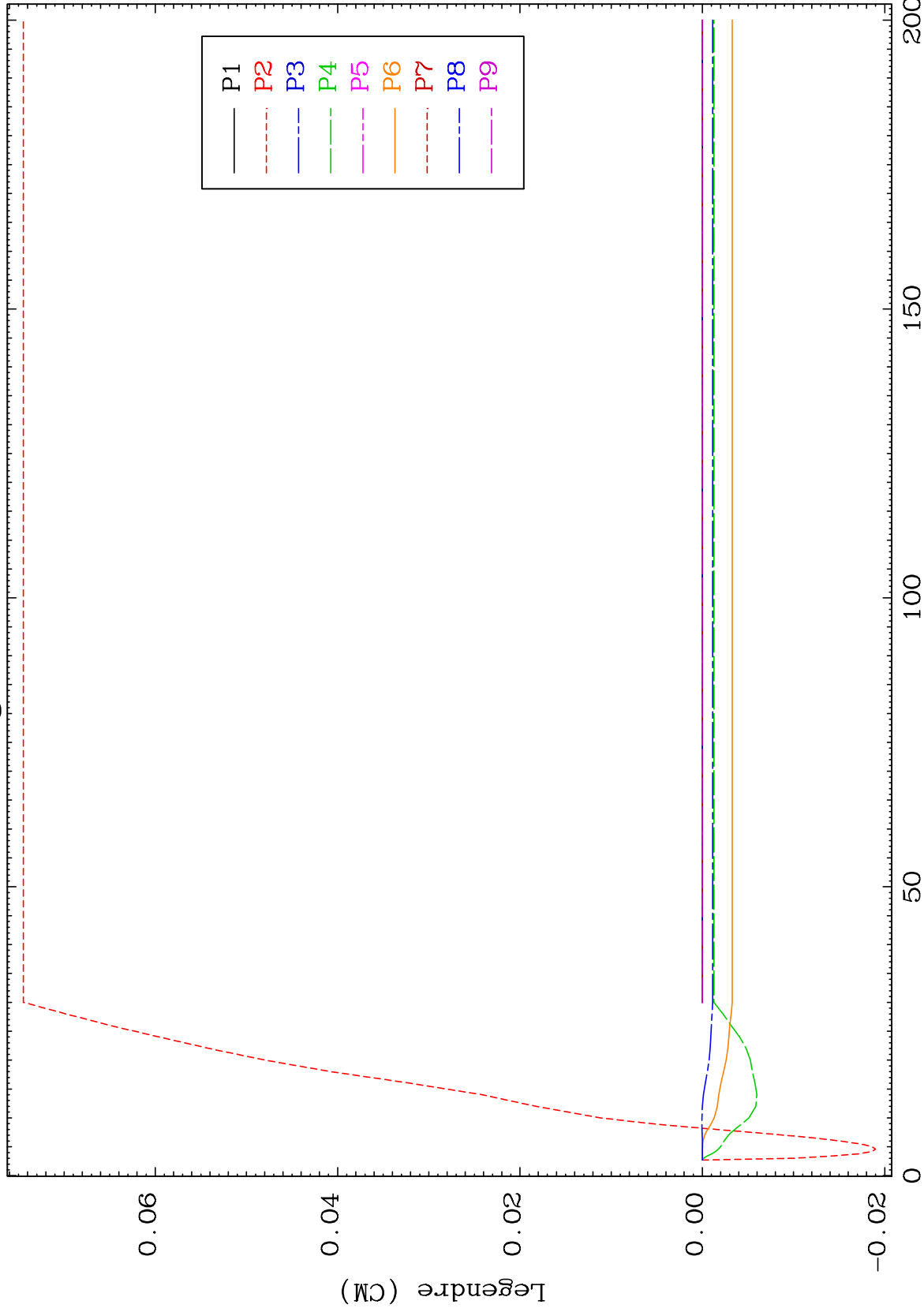
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



46

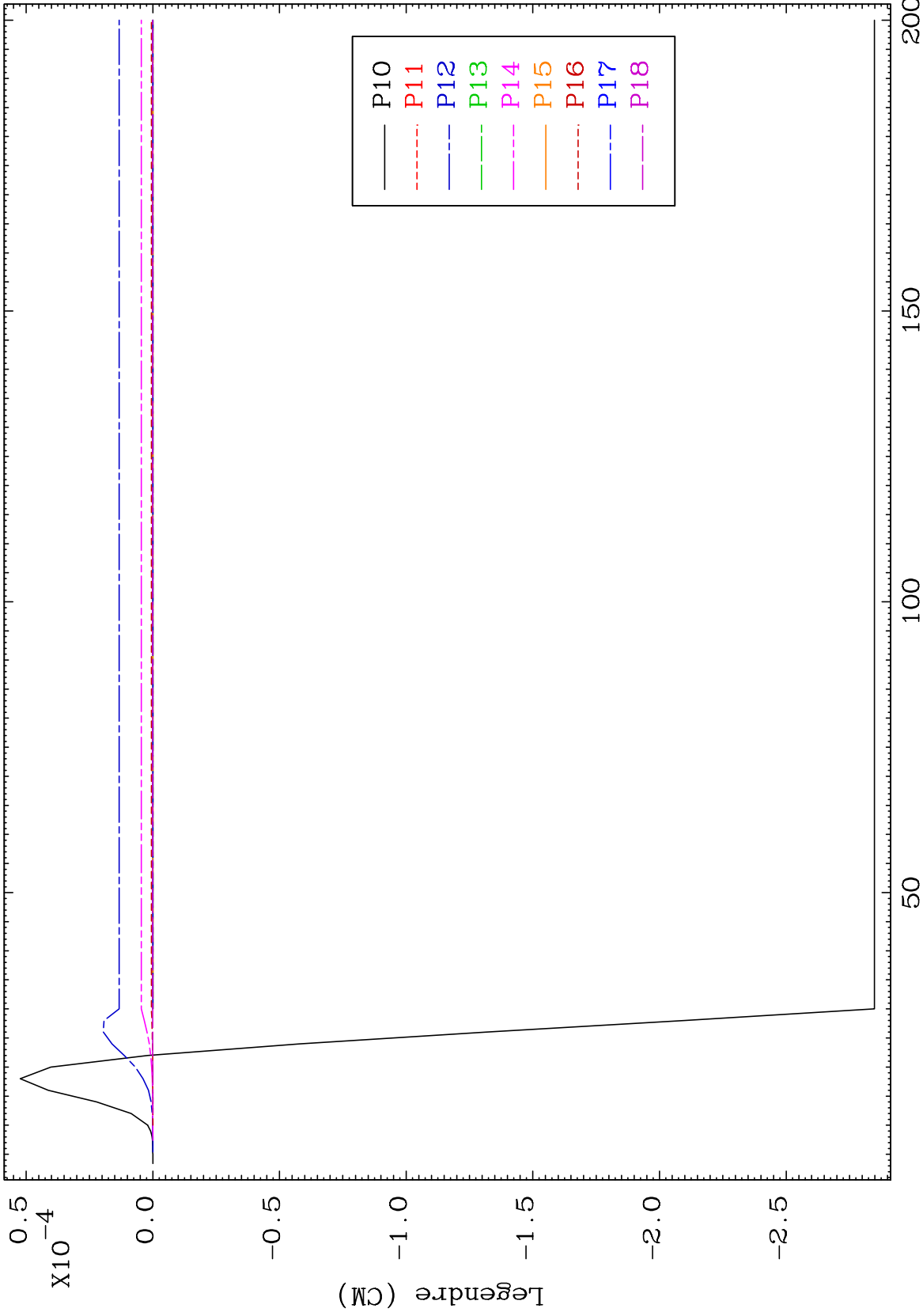
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

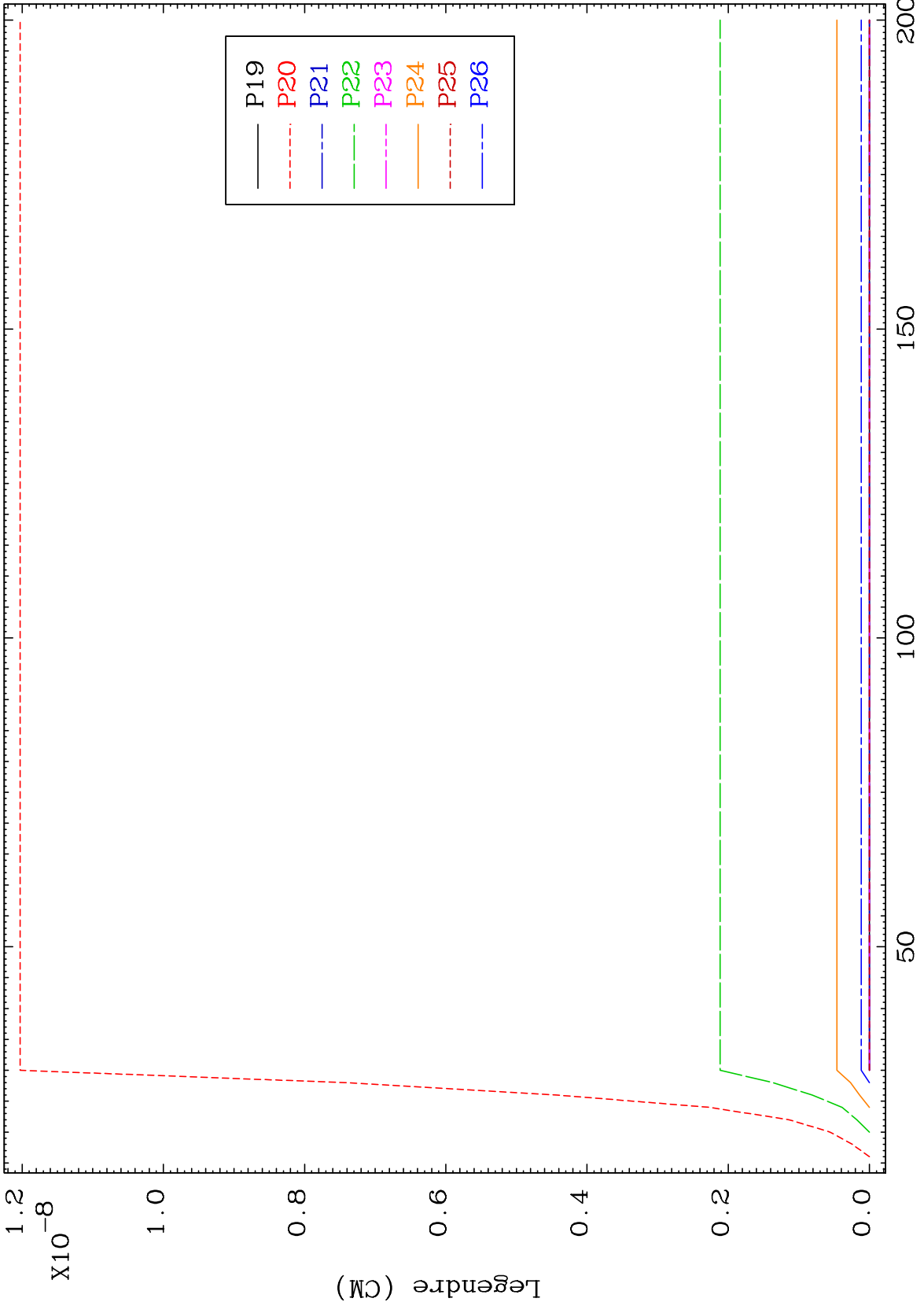


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Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 60 (n,n') Level Legendre Coefficients 18-Ar-39

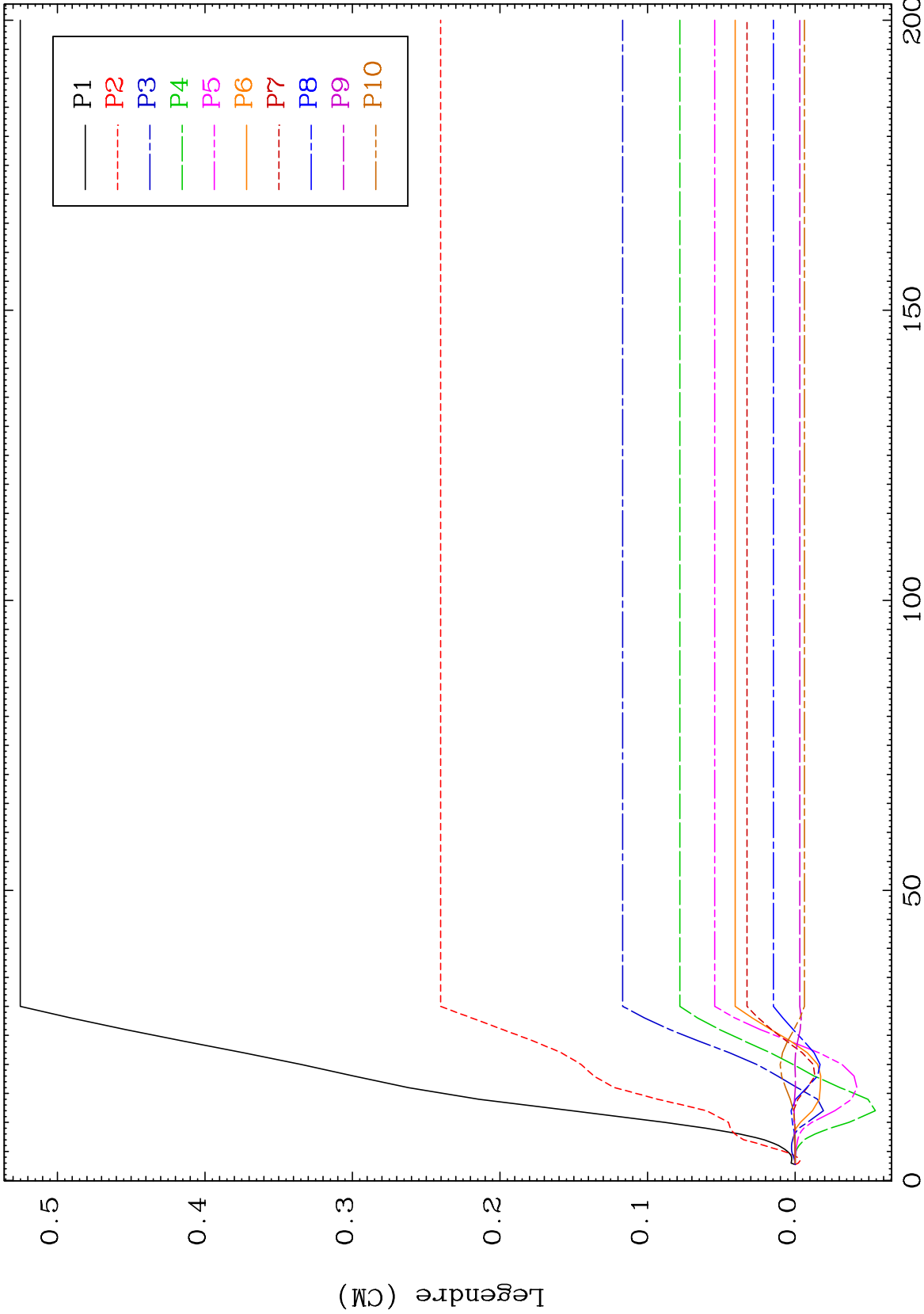


48 Incident Energy (MeV) 18-Ar-39

MAT 1834

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

18-Ar-39



49

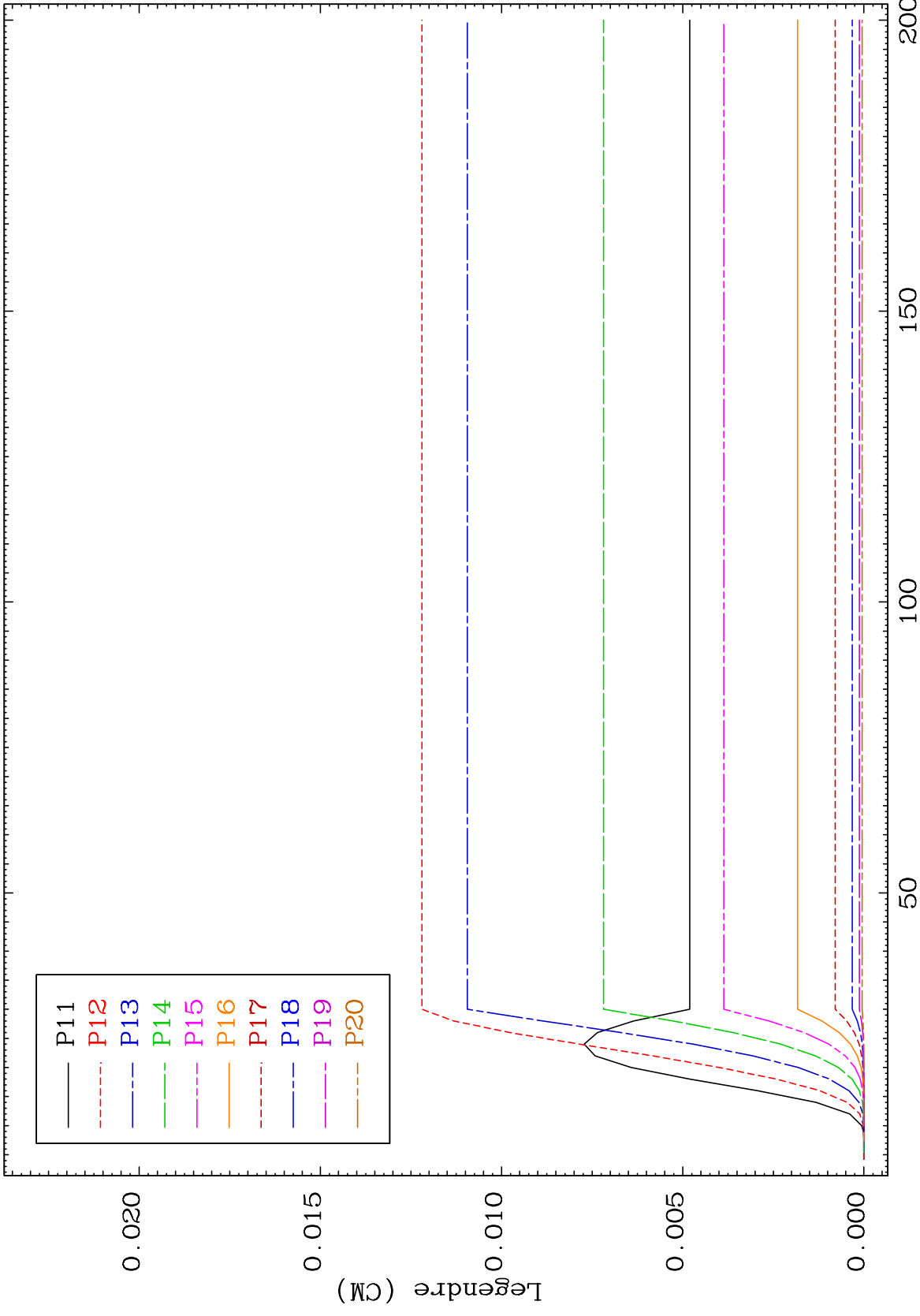
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



50

50

100

150

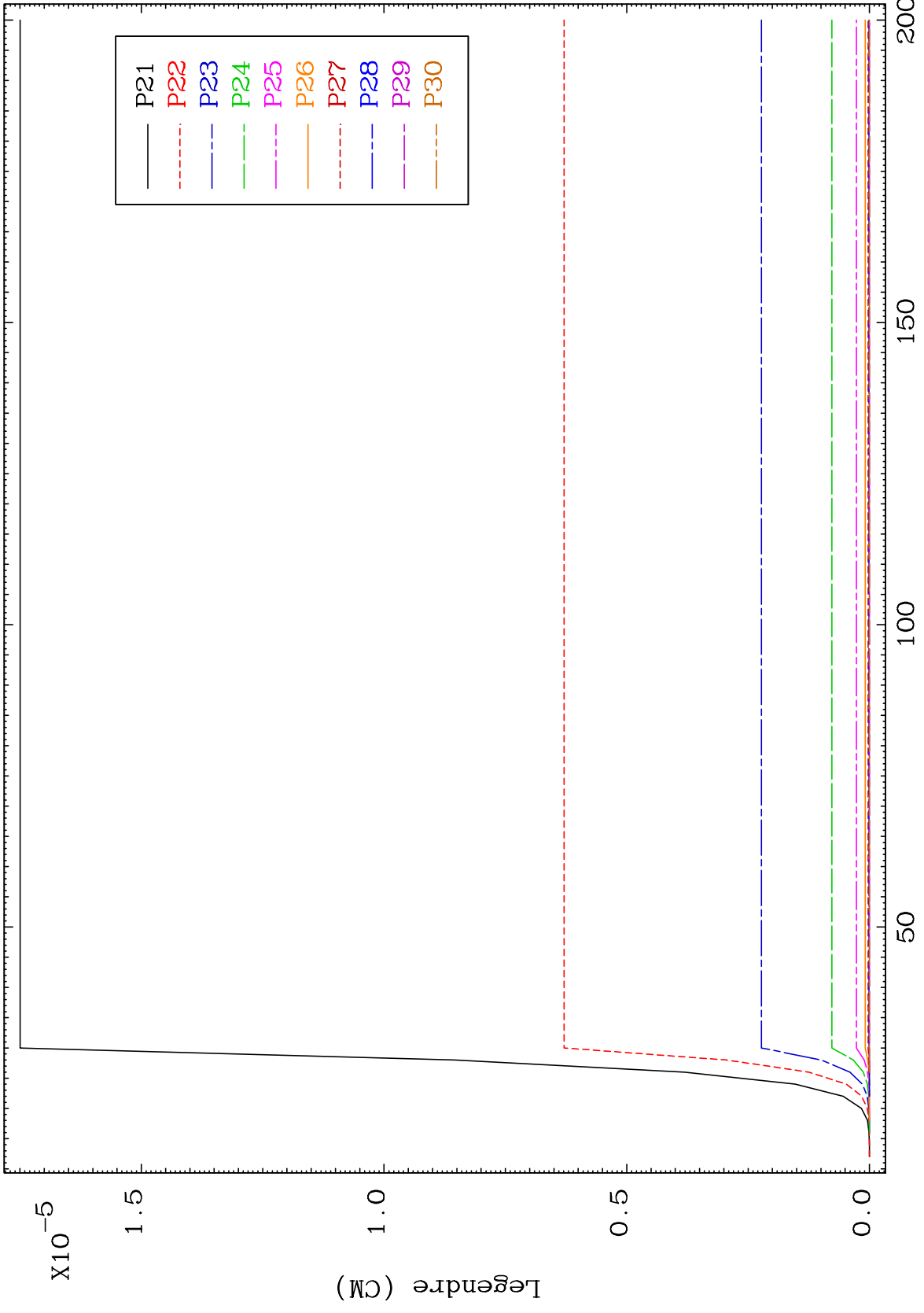
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18-Ar-39

MAT 1834

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

18-Ar-39

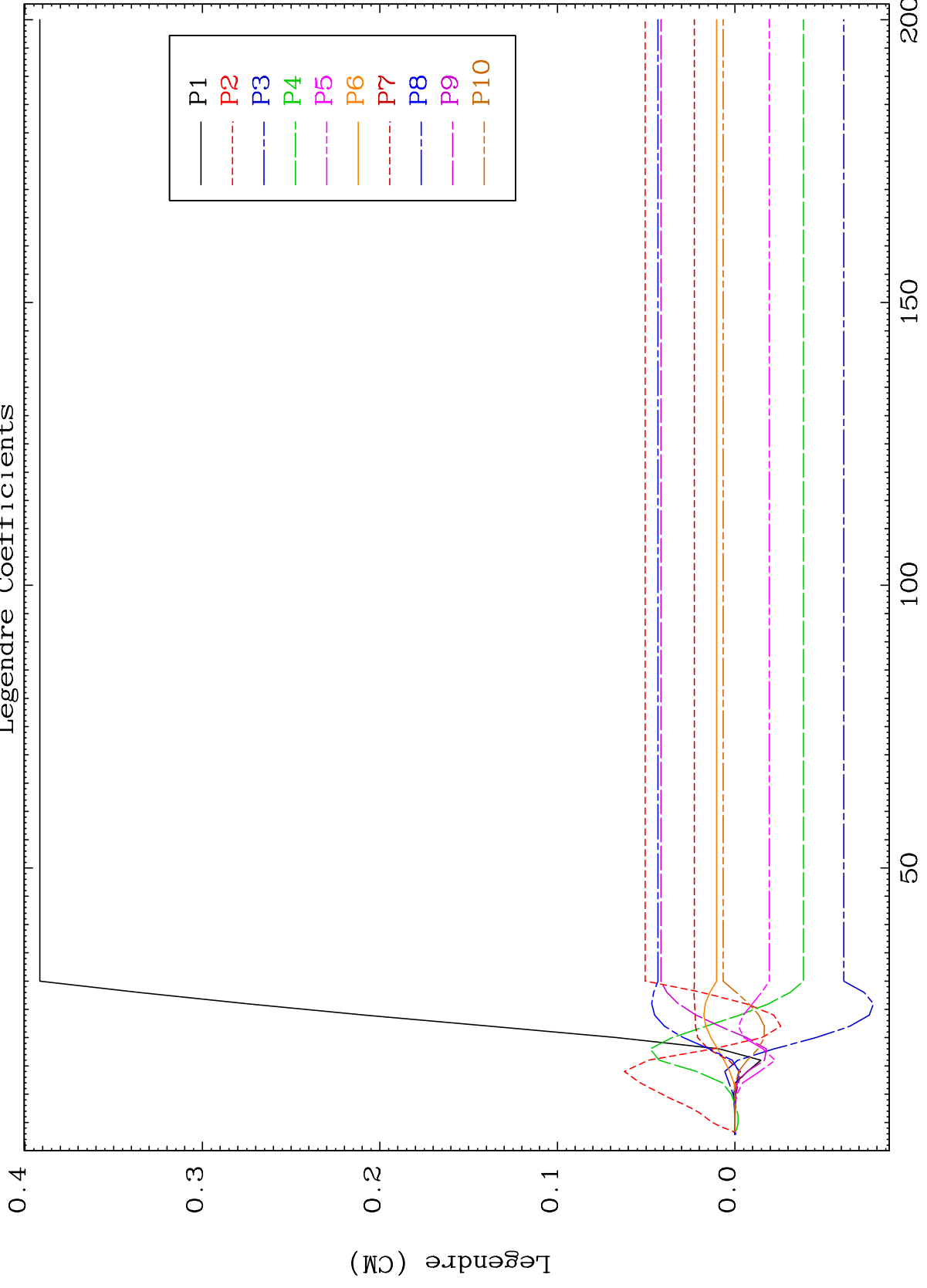


51

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 62 (n,n') Level Legendre Coefficients 18-Ar-39

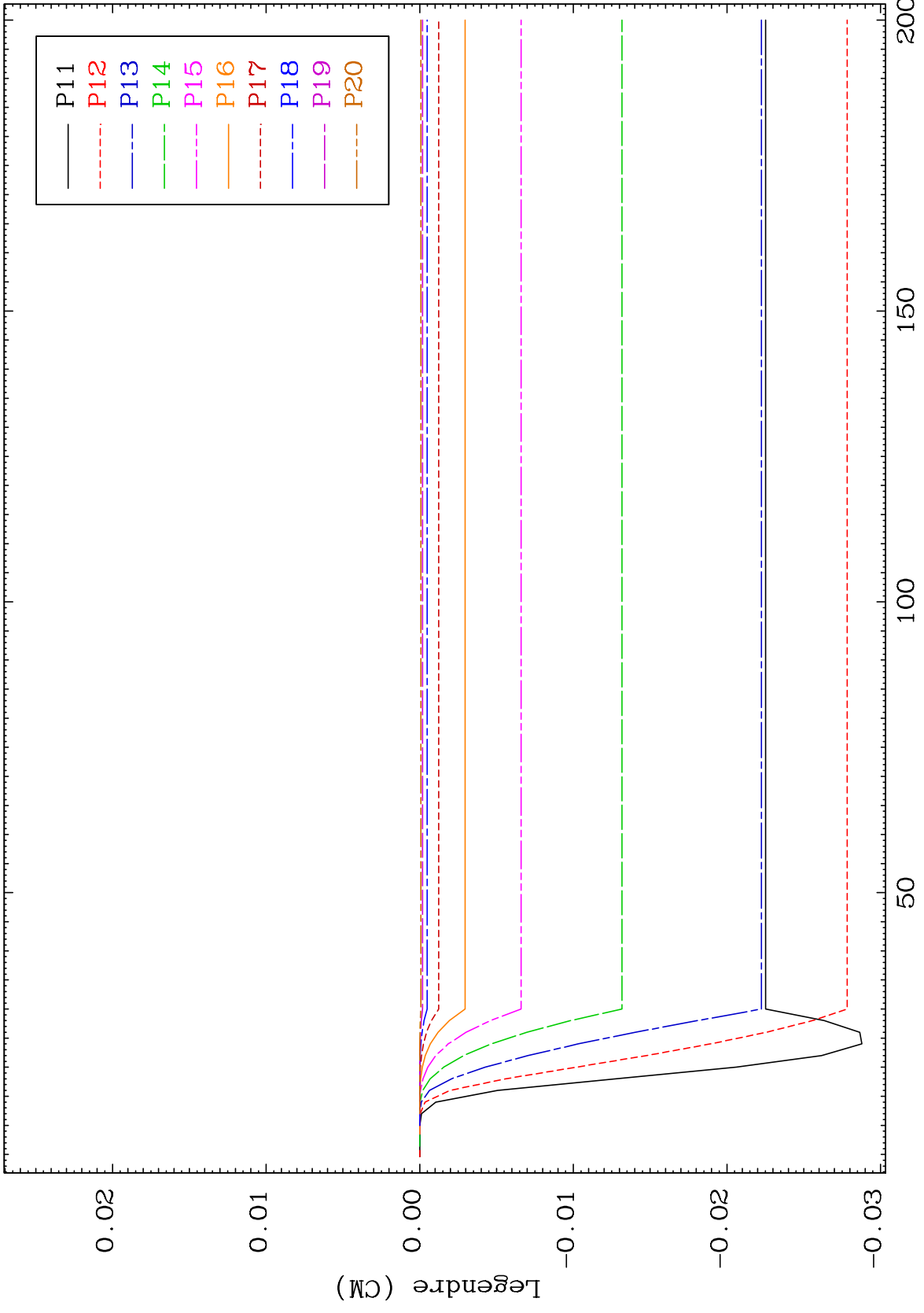


52 18-Ar-39

MAT 1834

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

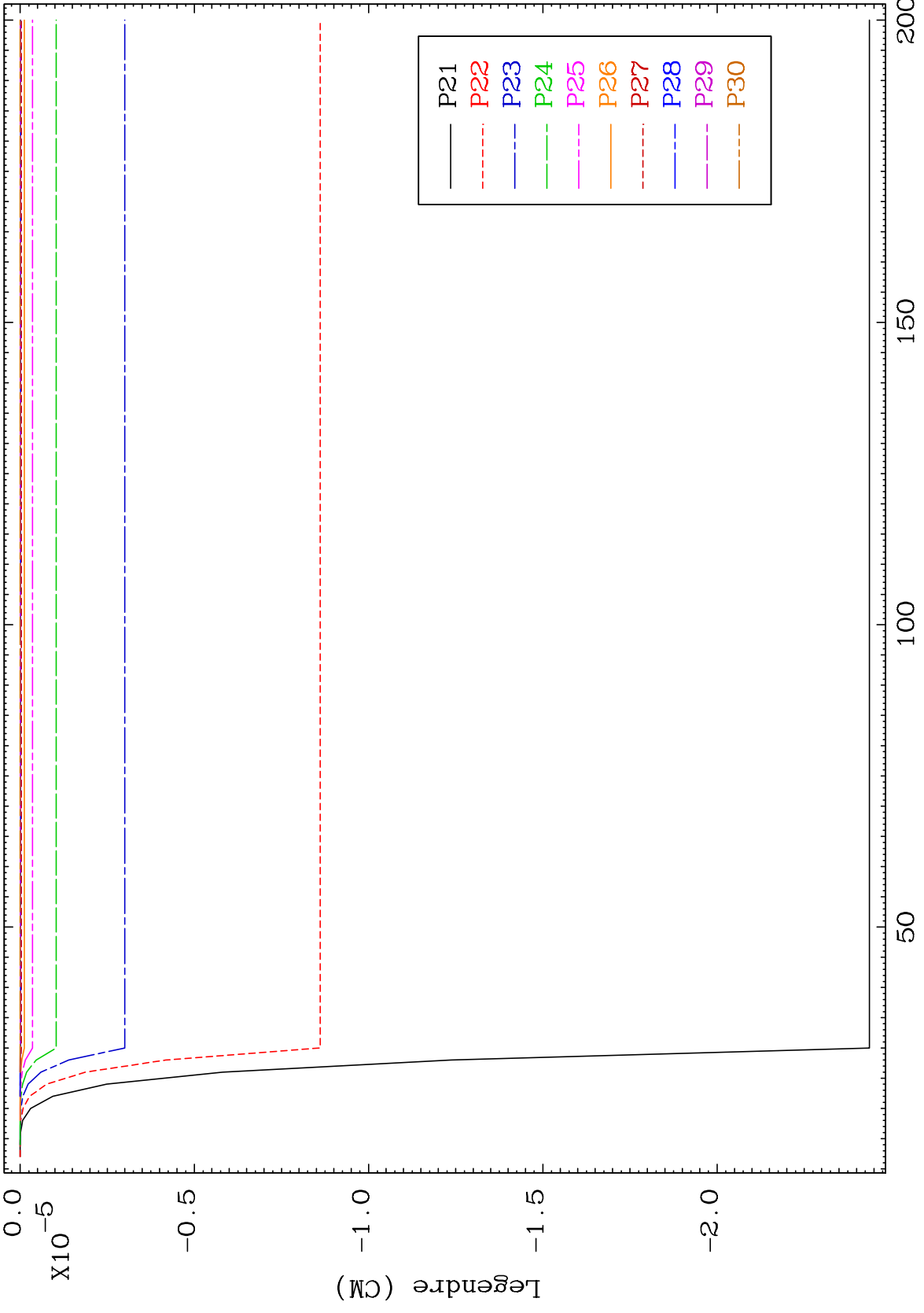
18-Ar-39



53

Incident Energy (MeV)

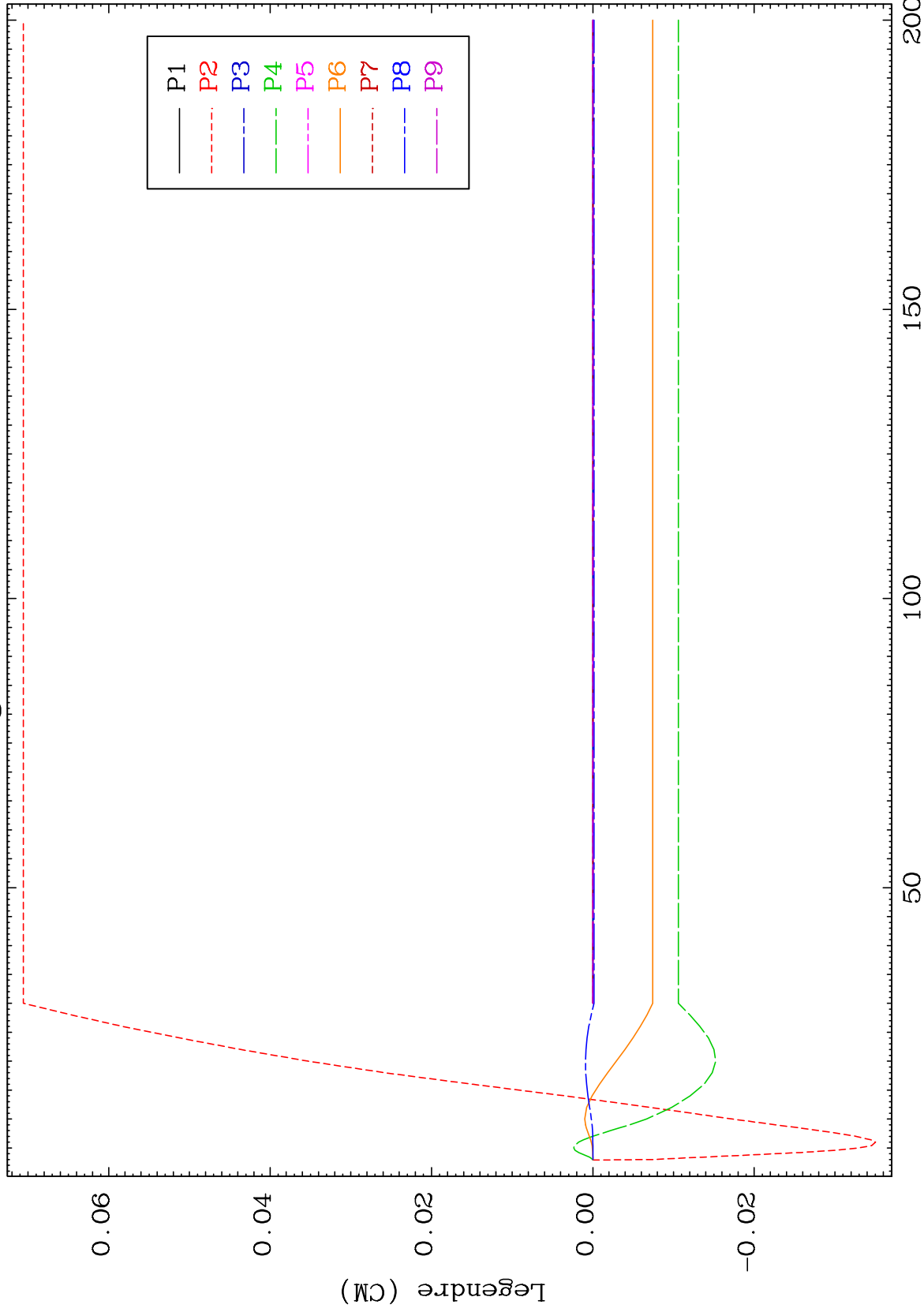
18-Ar-39



MAT 1834

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

18-Ar-39



55

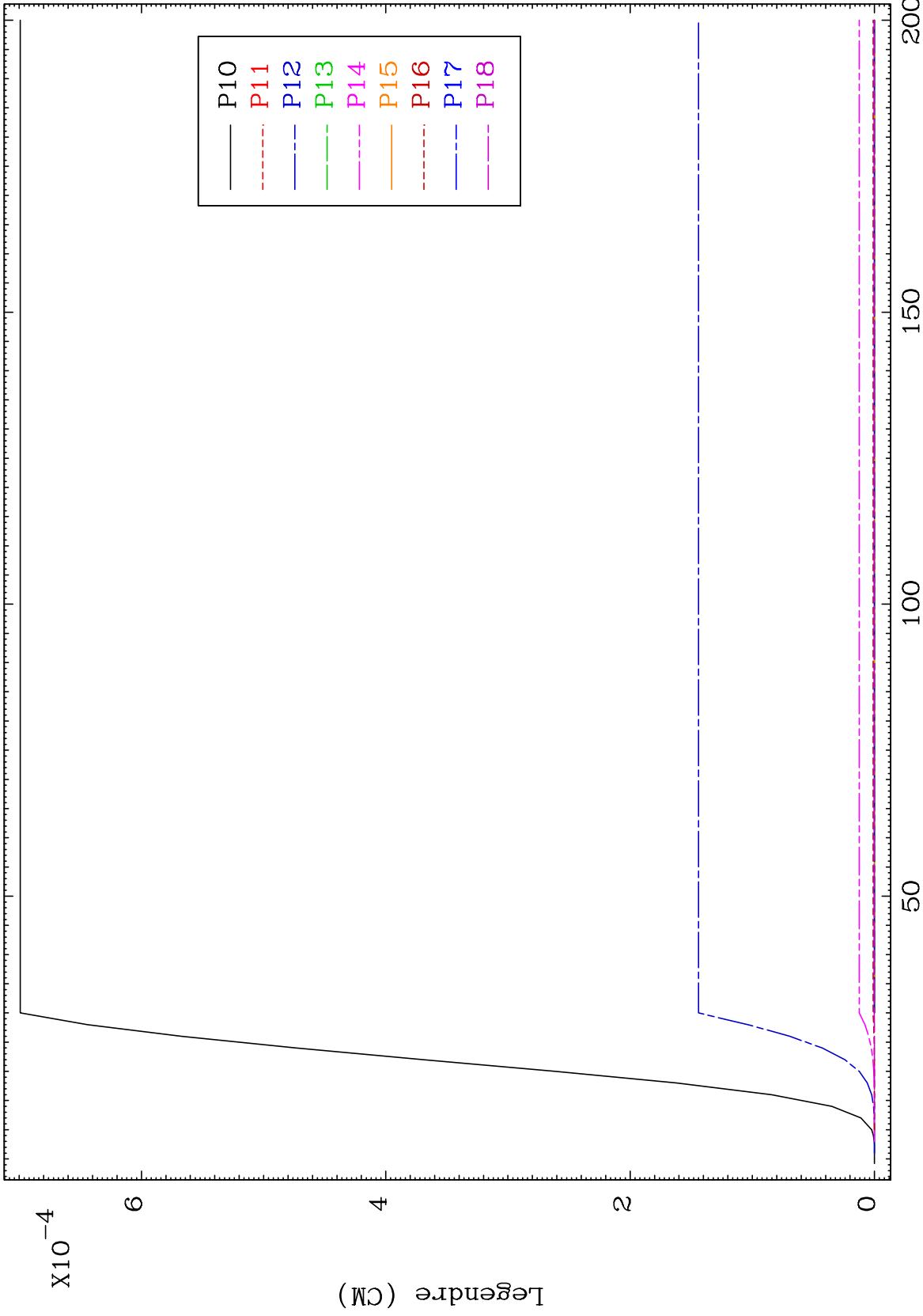
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



56

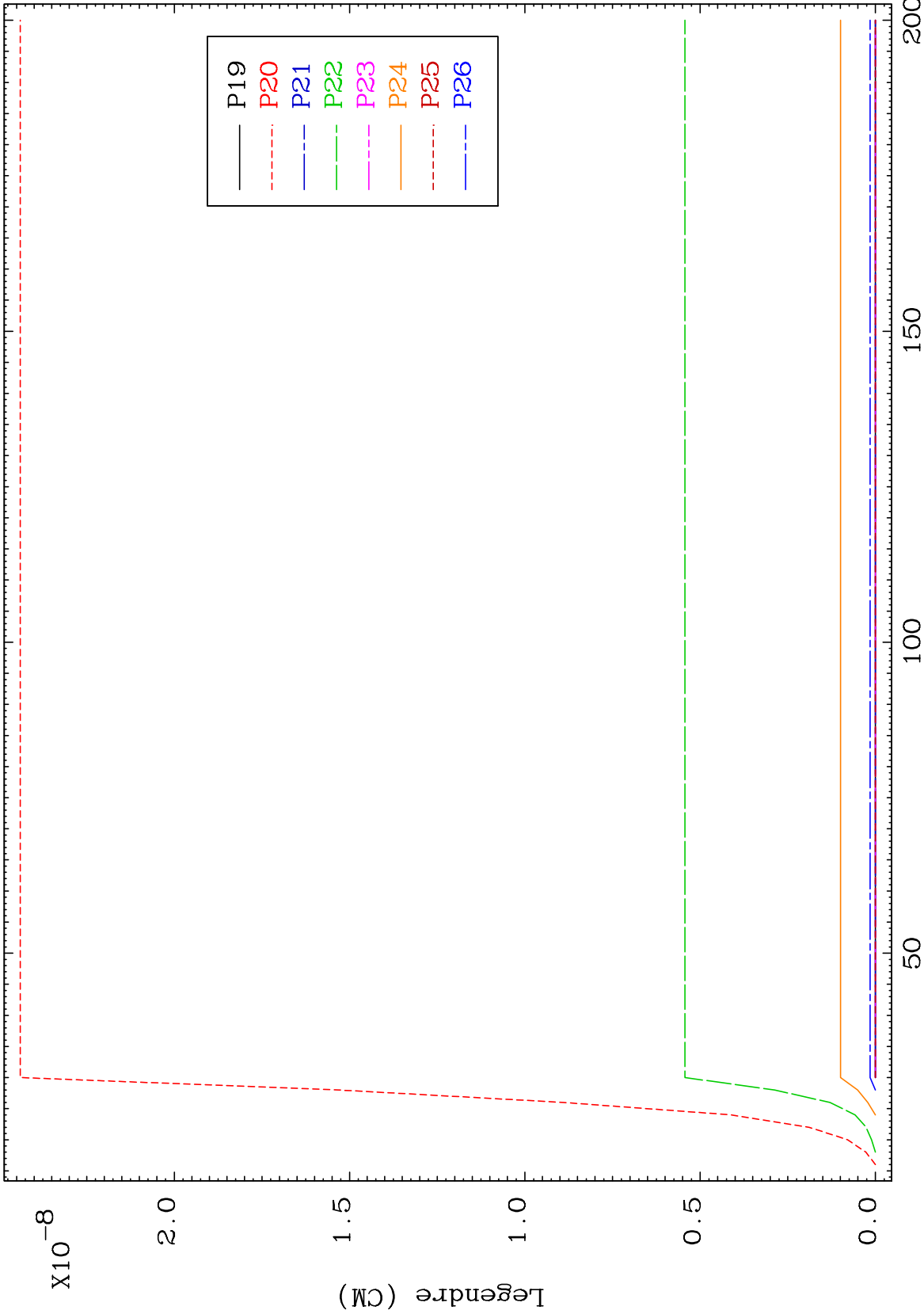
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



57

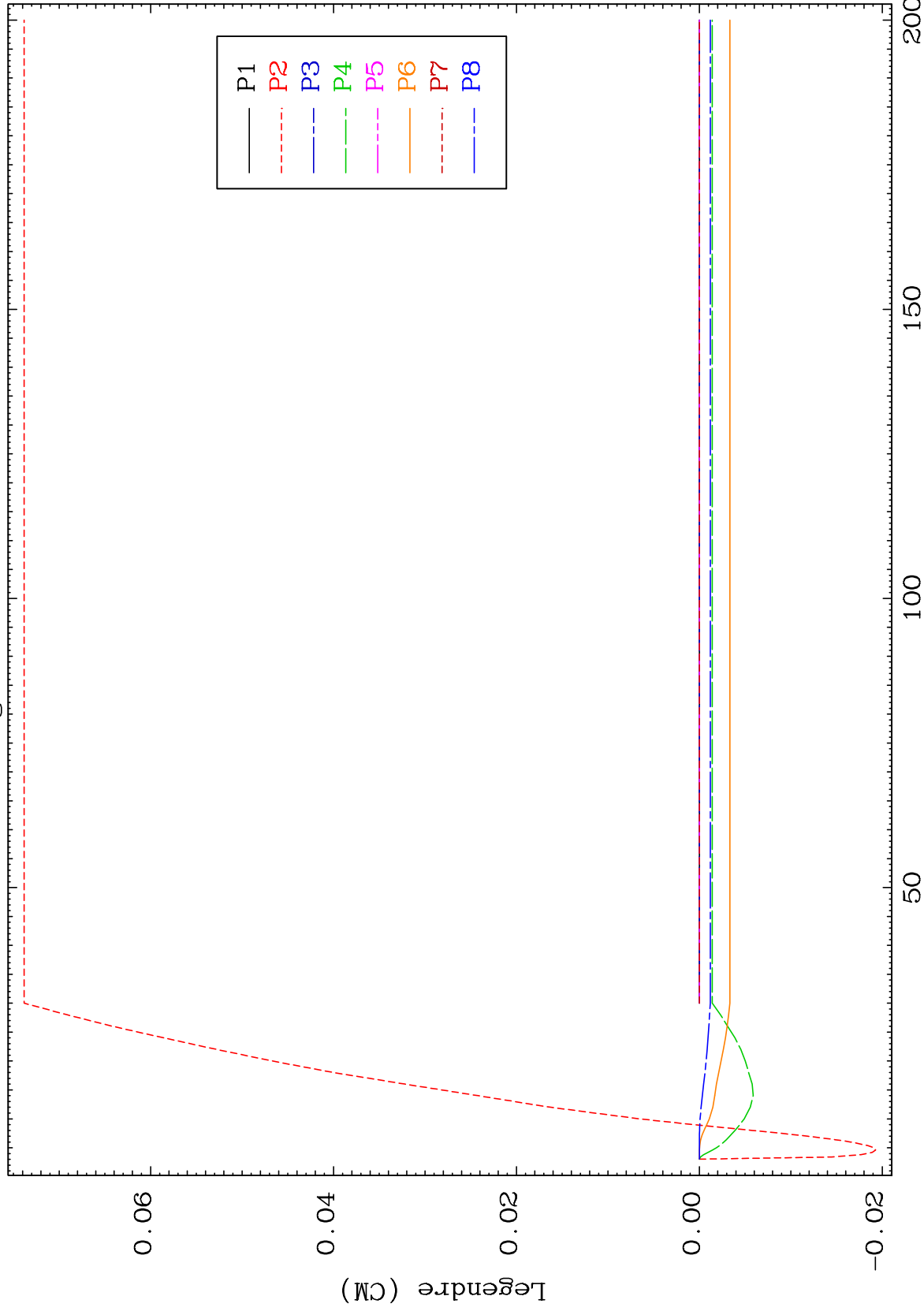
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

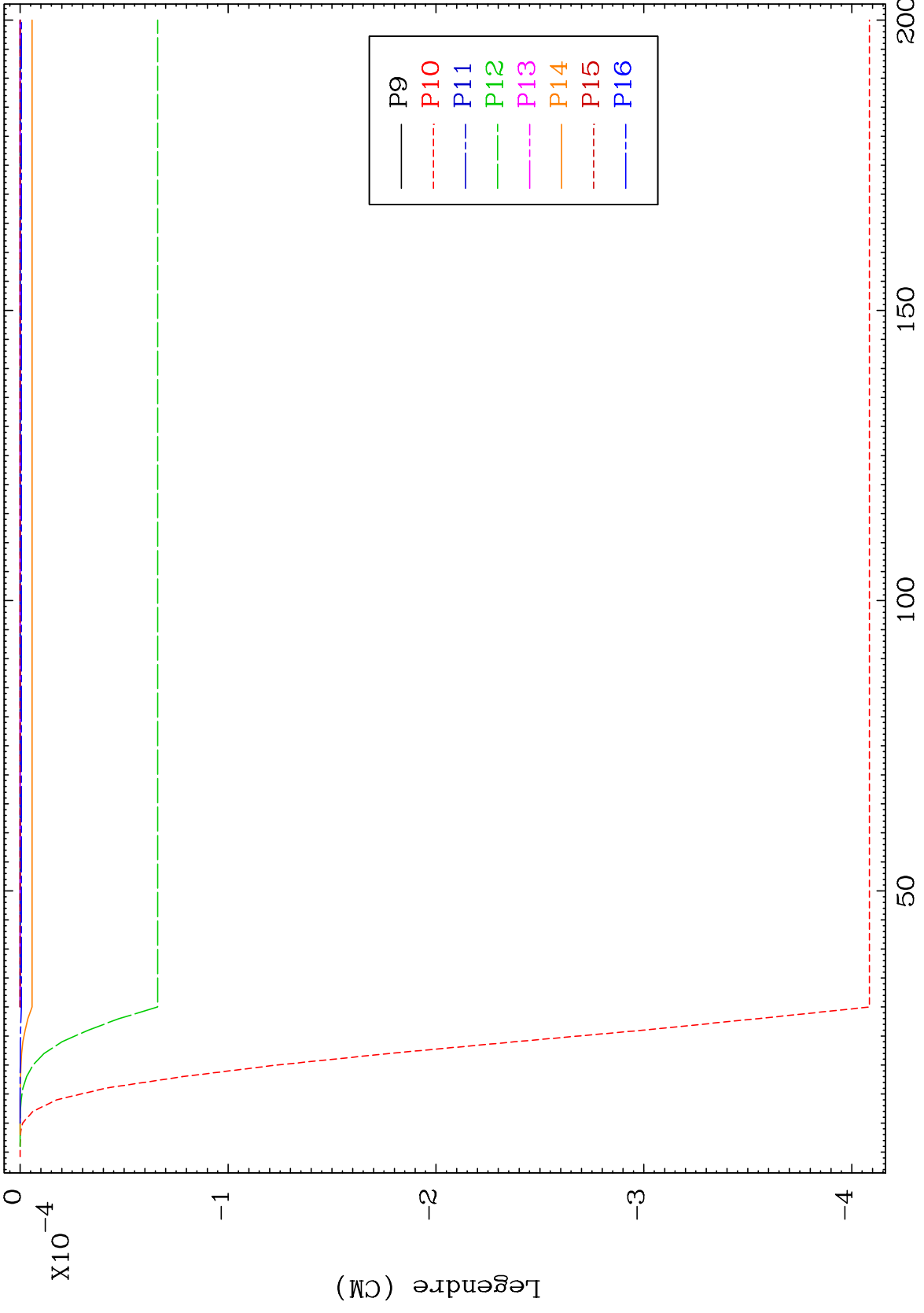


58

Incident Energy (MeV)

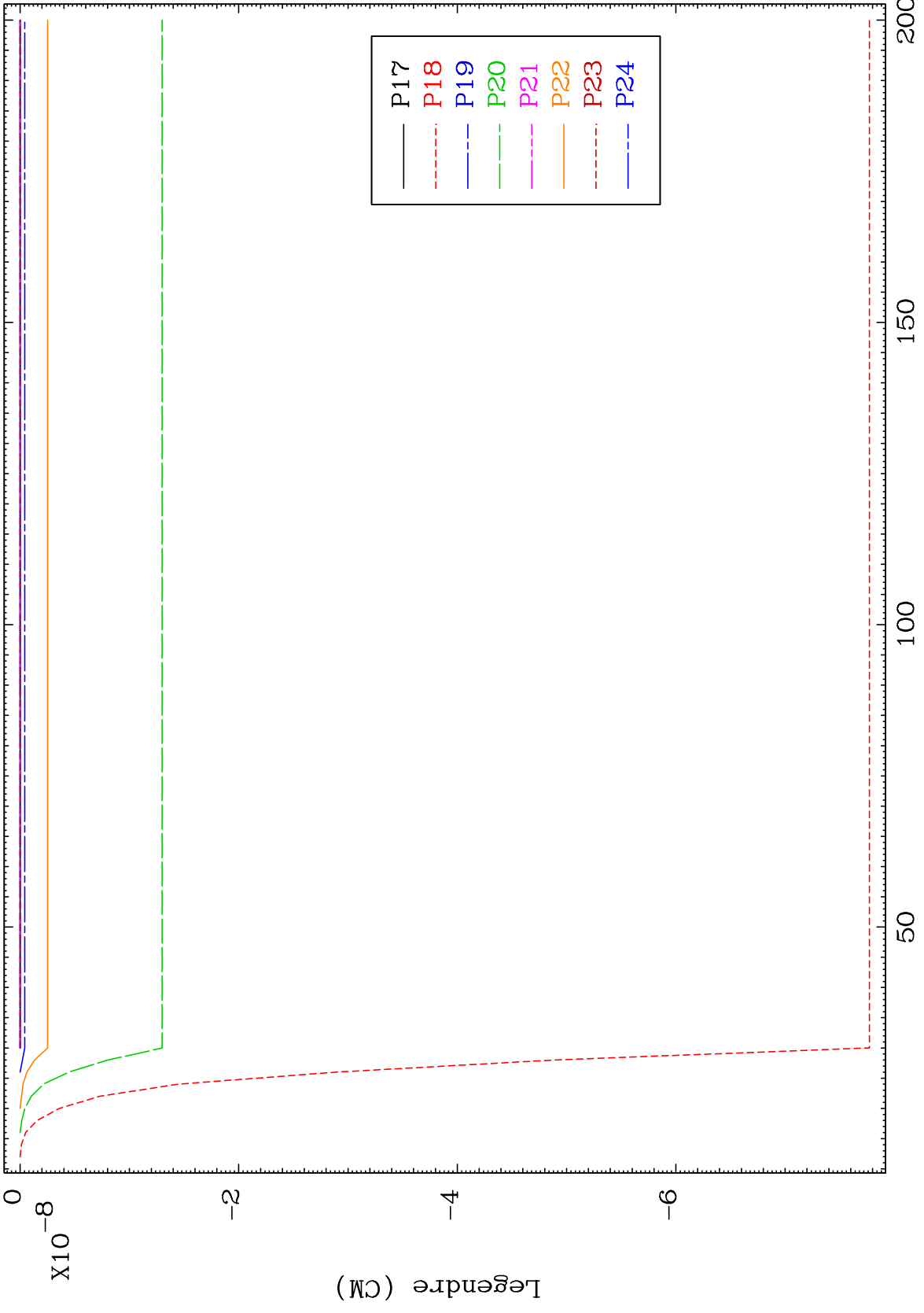
18-Ar-39

MAT 1834 MT= 64 (n,n') Level Legendre Coefficients 18-Ar-39



59 Incident Energy (MeV) 18-Ar-39

MAT 1834 MT= 64 (n,n') Level Legendre Coefficients 18-Ar-39

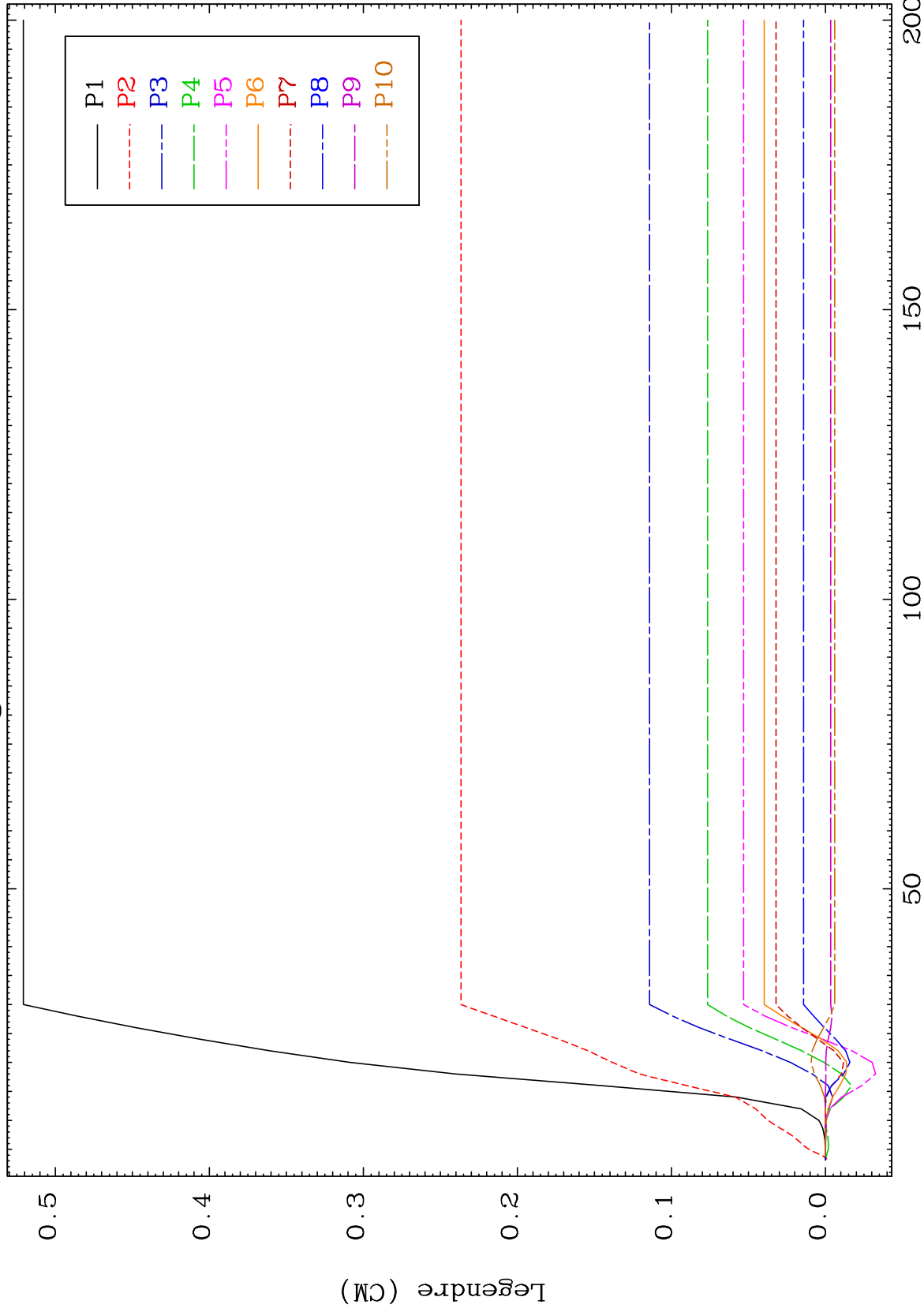


60 100 150 200 18-Ar-39

MAT 1834

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

18-Ar-39



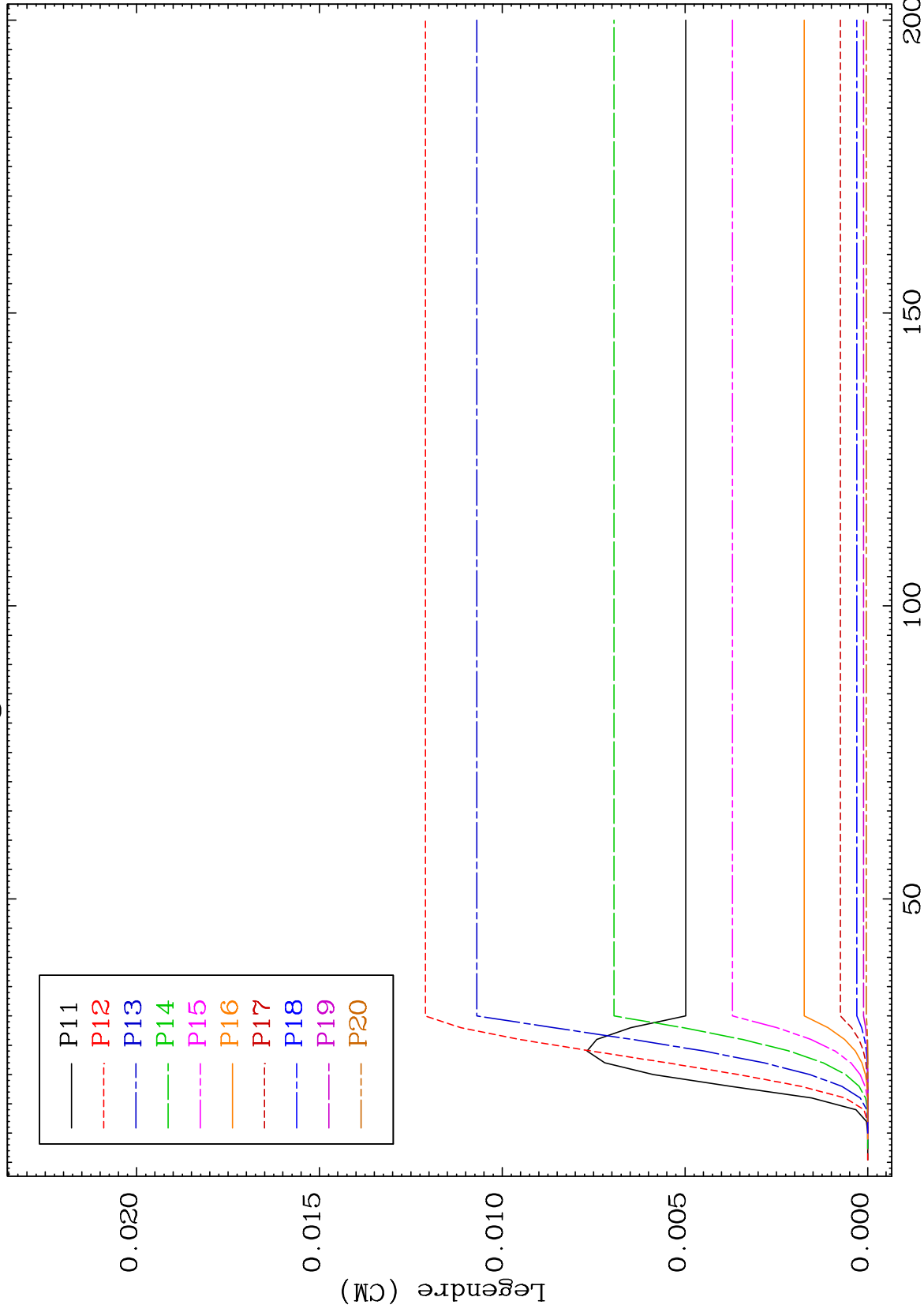
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18-Ar-39

MAT 1834

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

18-Ar-39



62

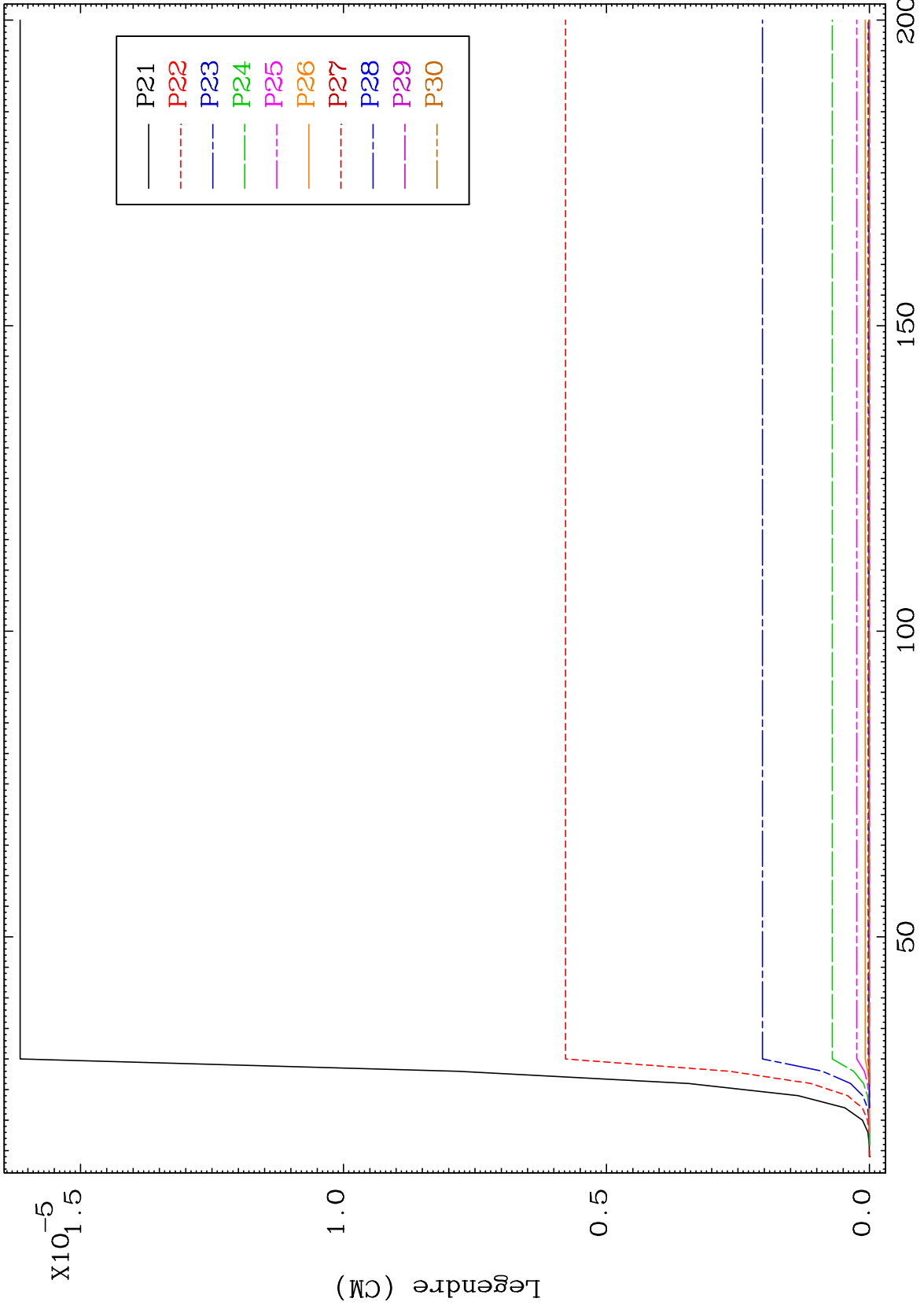
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



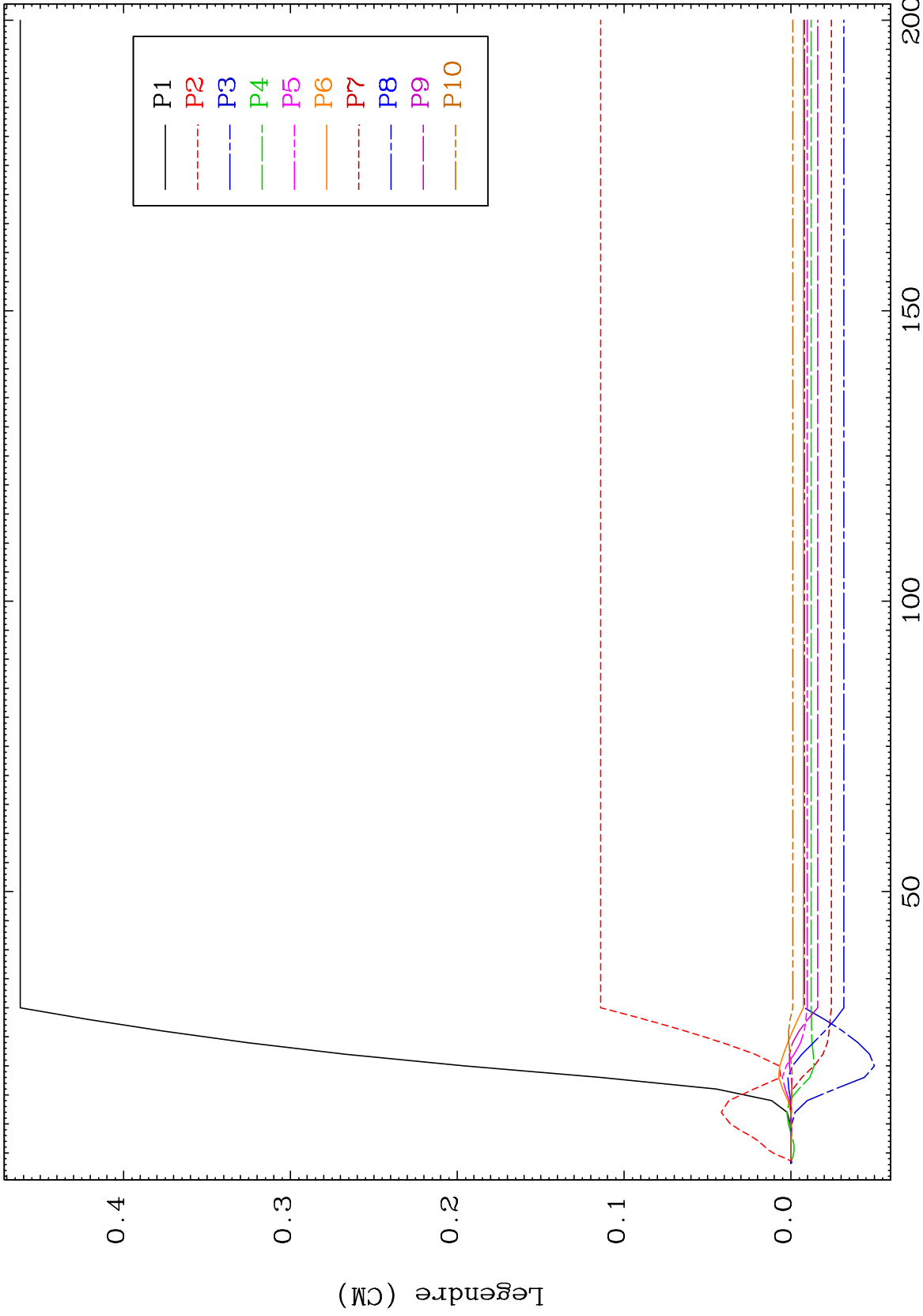
63

18-Ar-39

MAT 1834

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

18-Ar-39



64

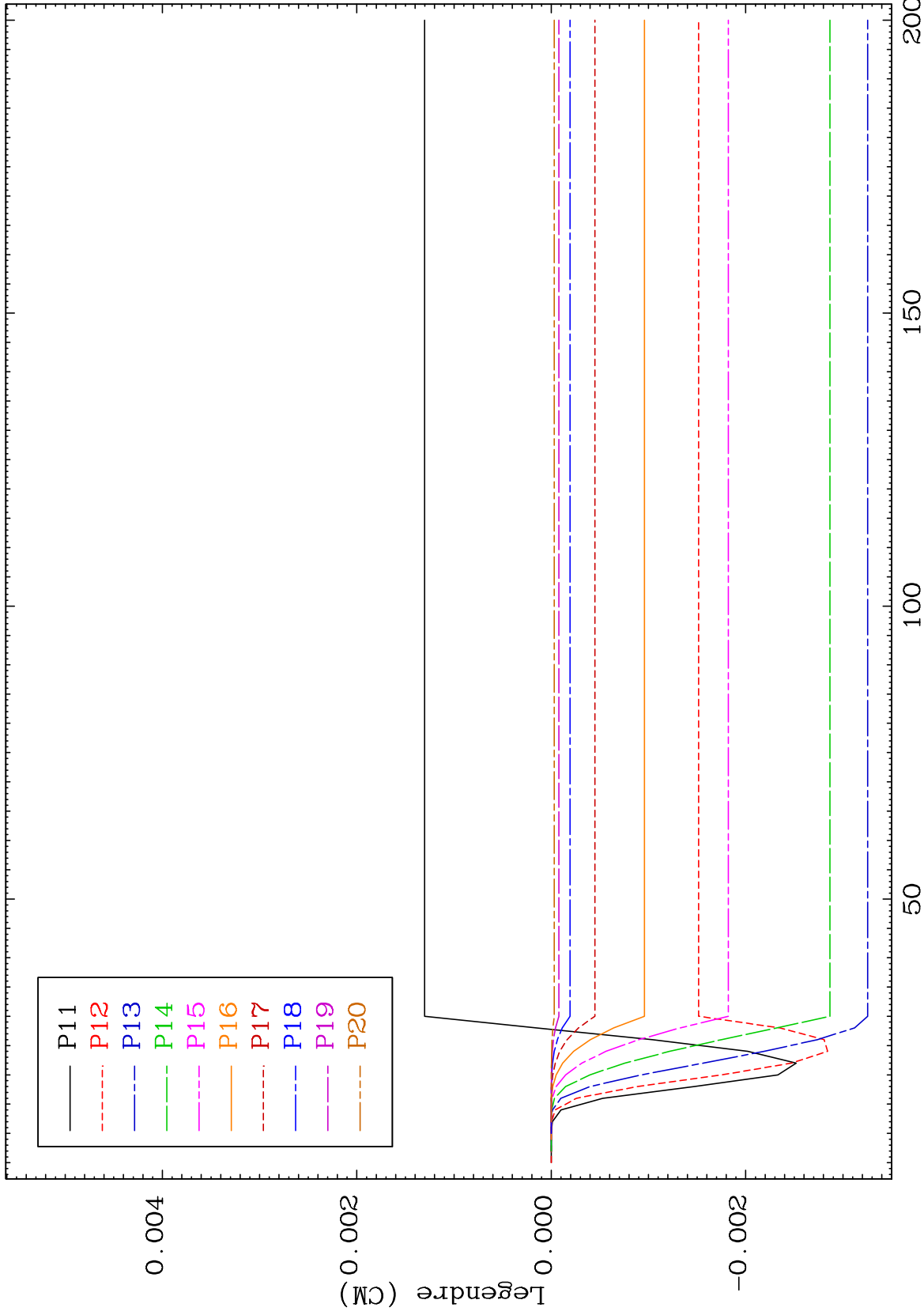
18-Ar-39

18-Ar-39

MAT 1834

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

18-Ar-39



65

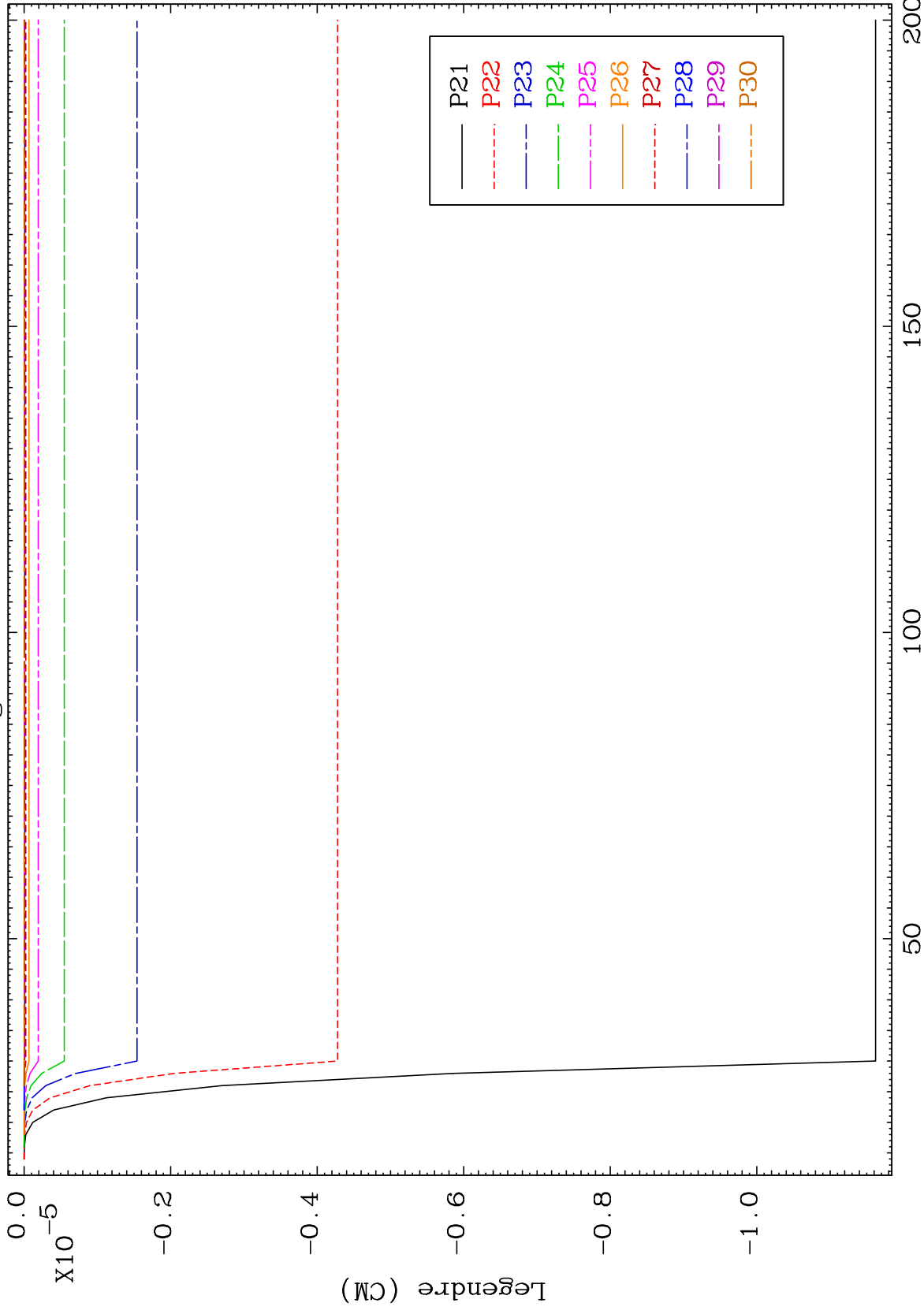
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



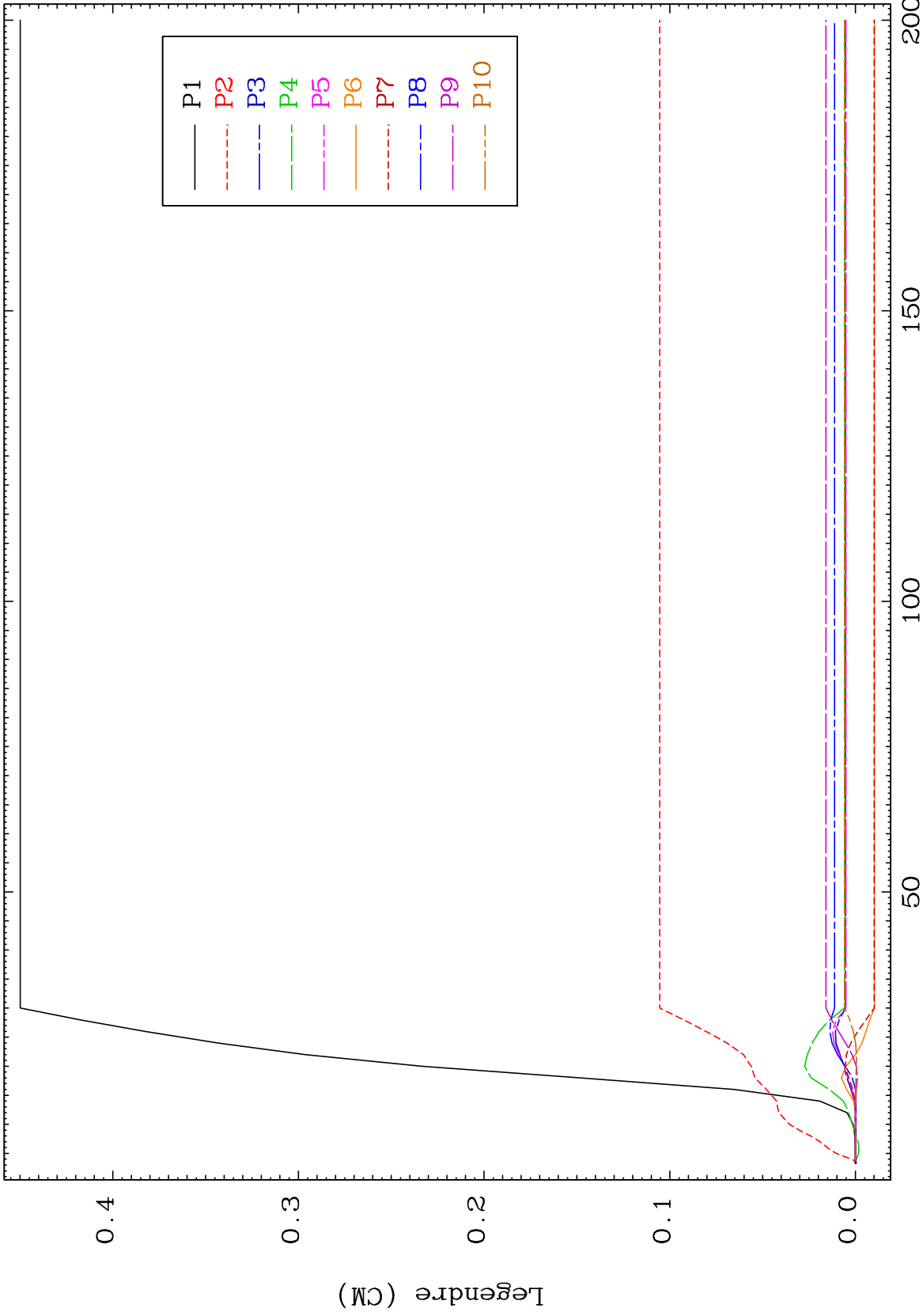
66

18-Ar-39

MAT 1834

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

18-Ar-39



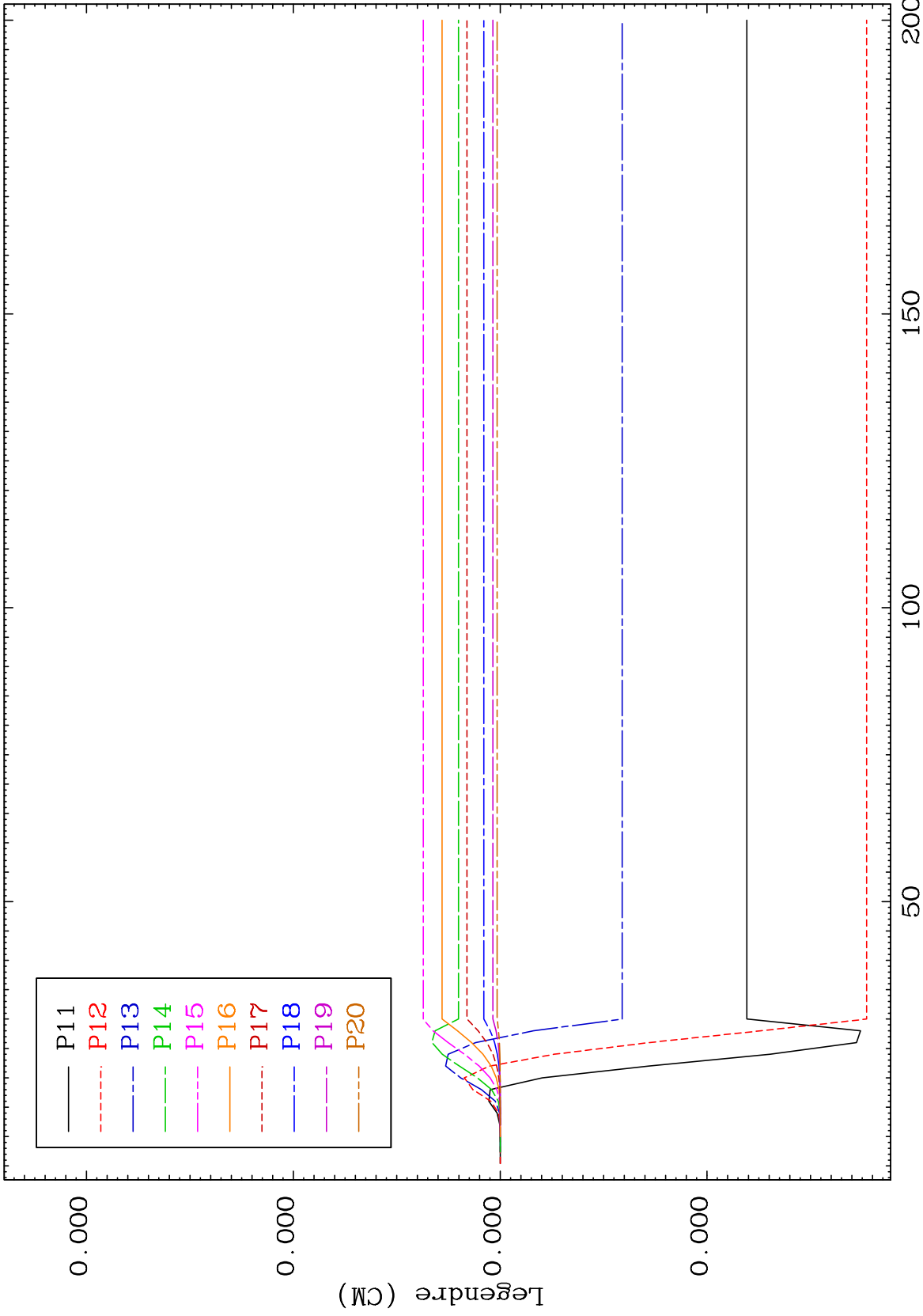
67

18-Ar-39

MAT 1834

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

18-Ar-39



68

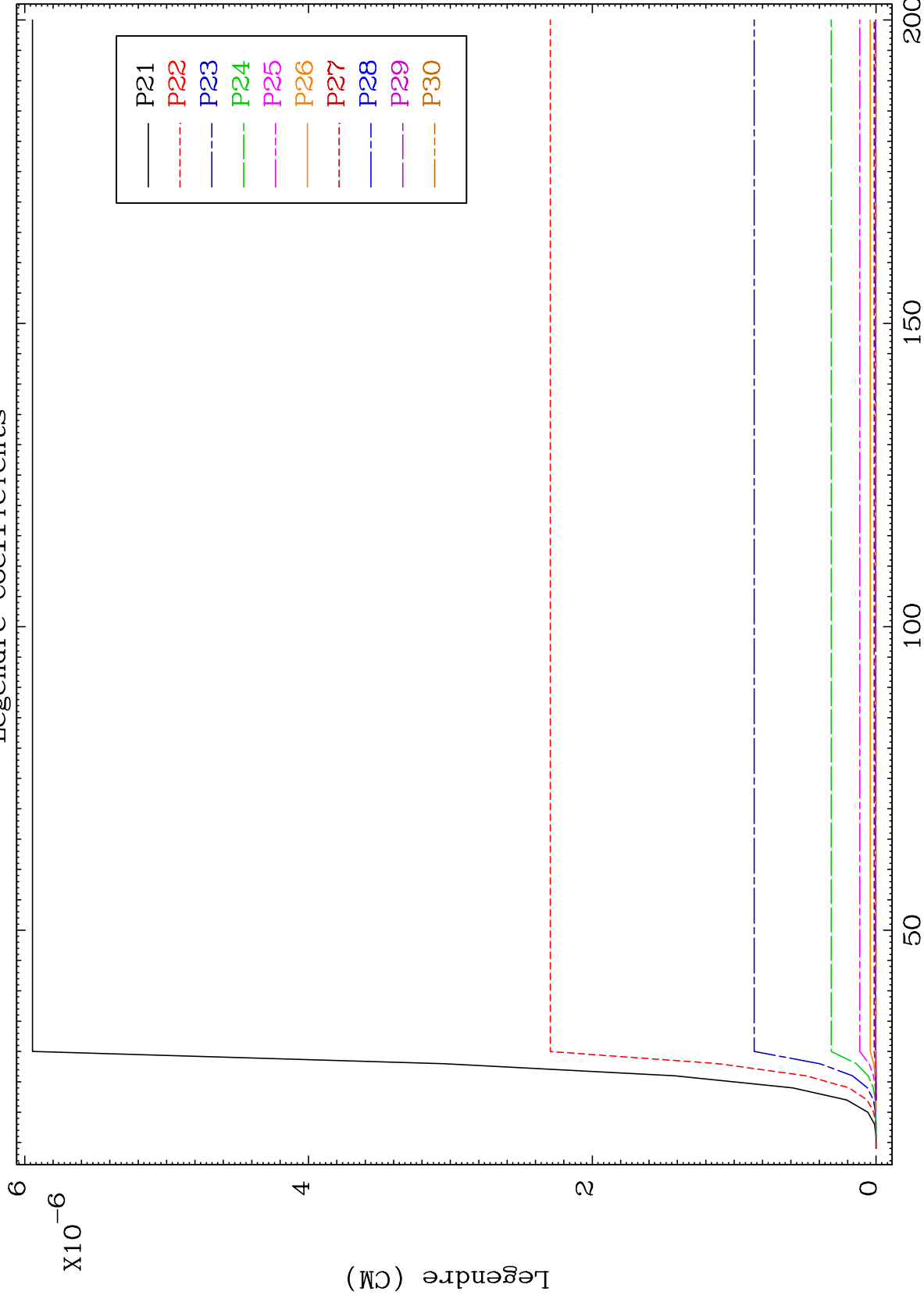
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



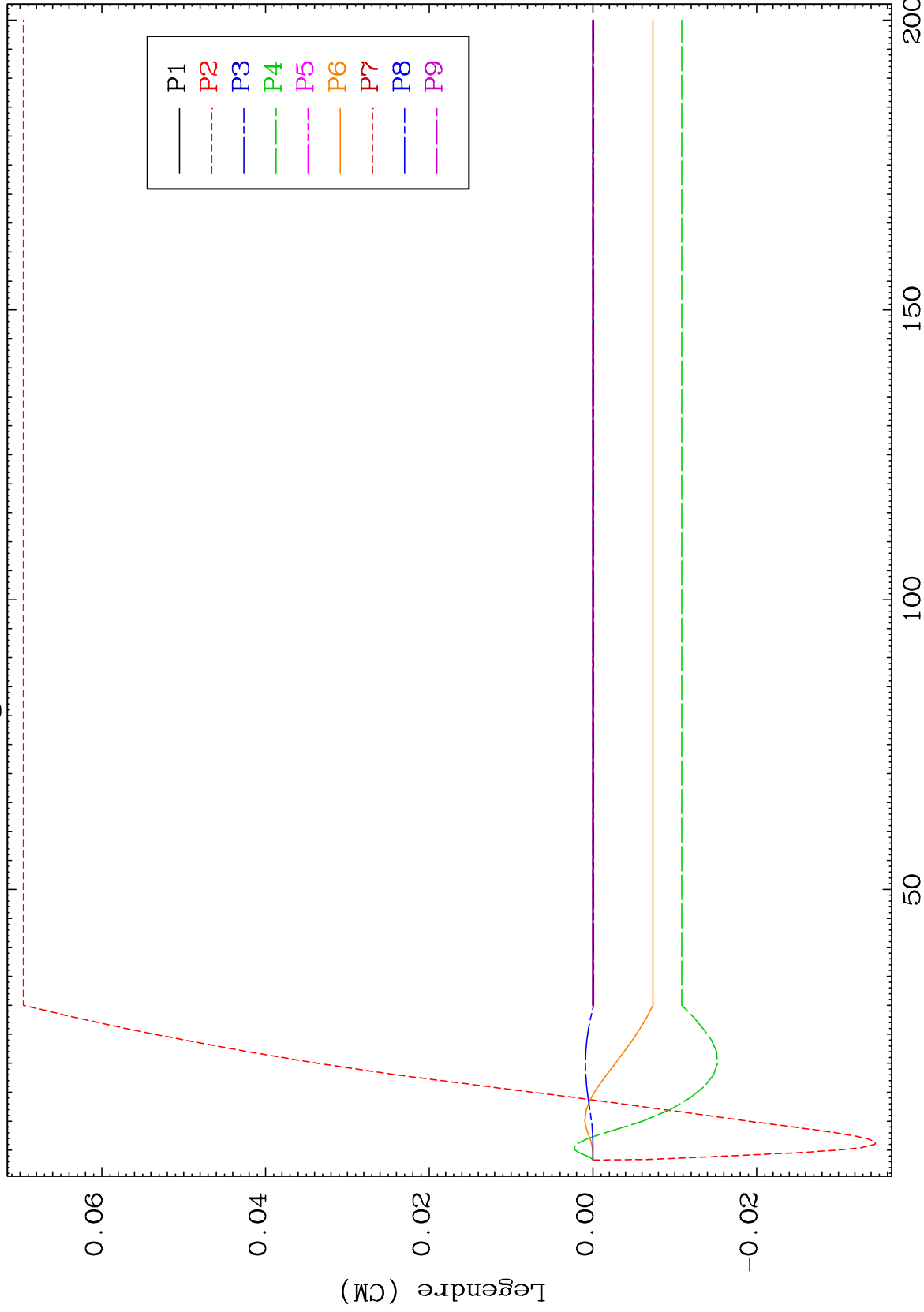
69

18-Ar-39

MAT 1834

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

18-Ar-39



70

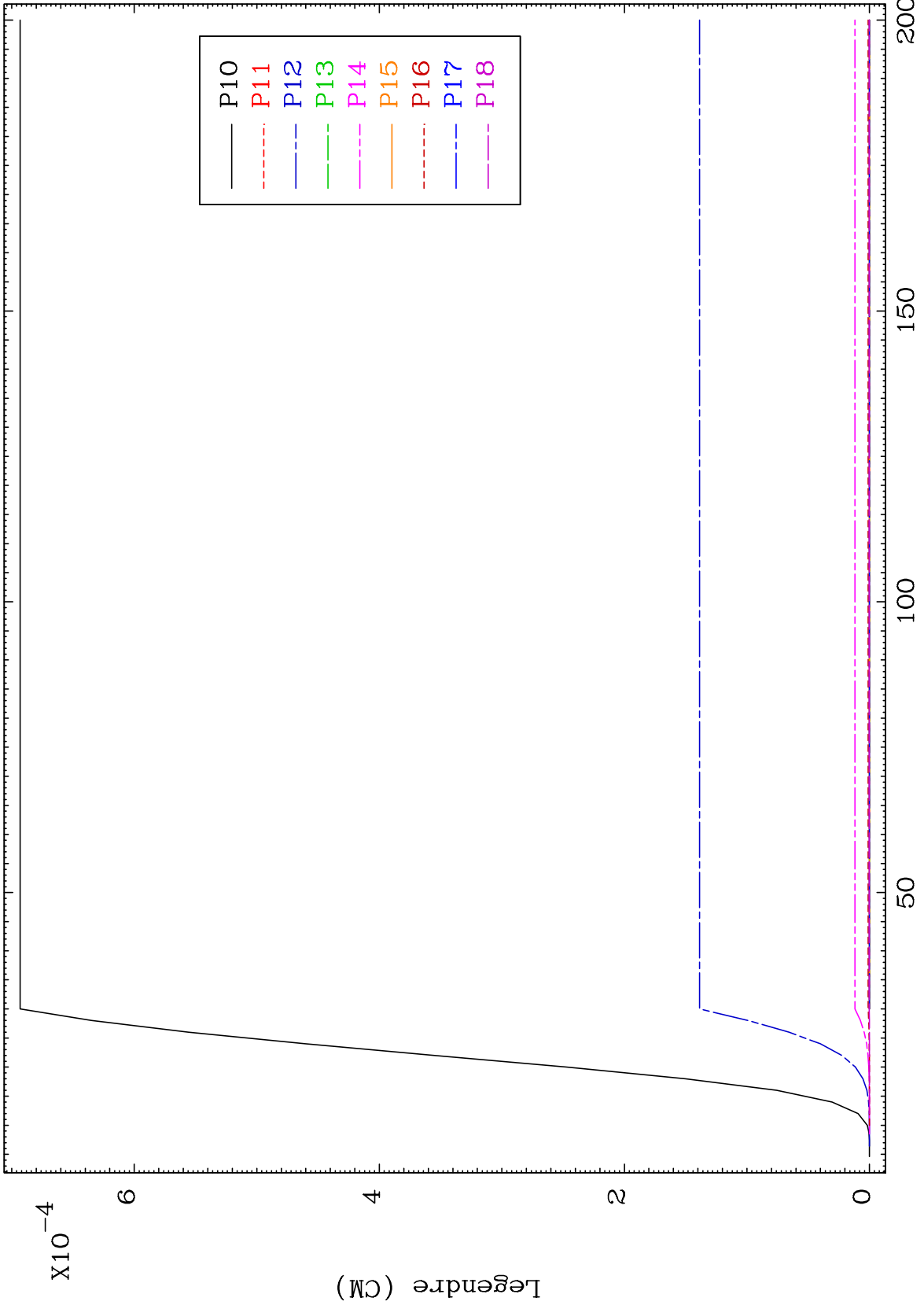
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

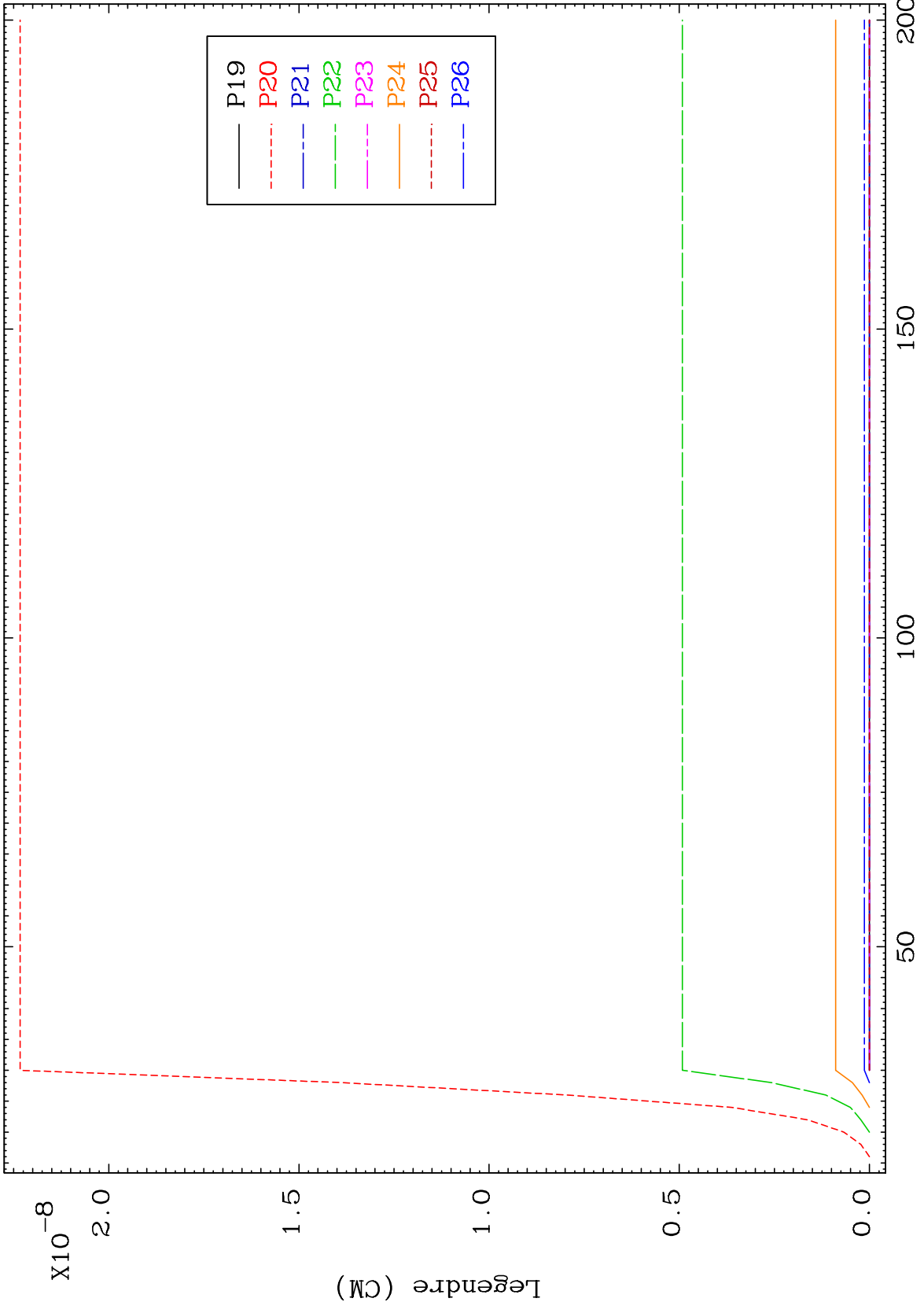


71

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 68 (n,n') Level Legendre Coefficients 18-Ar-39

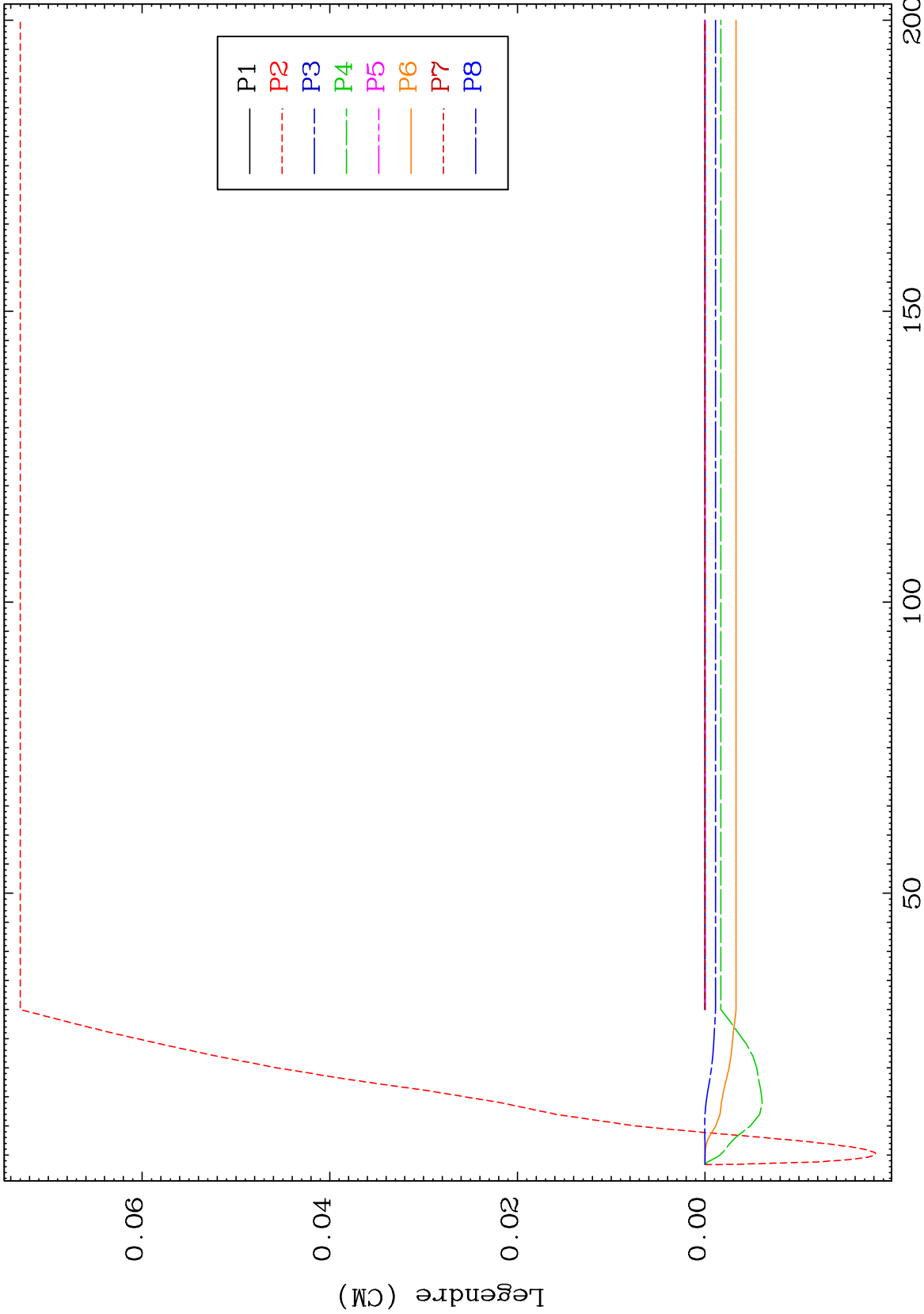


72 18-Ar-39

MAT 1834

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

18-Ar-39



73

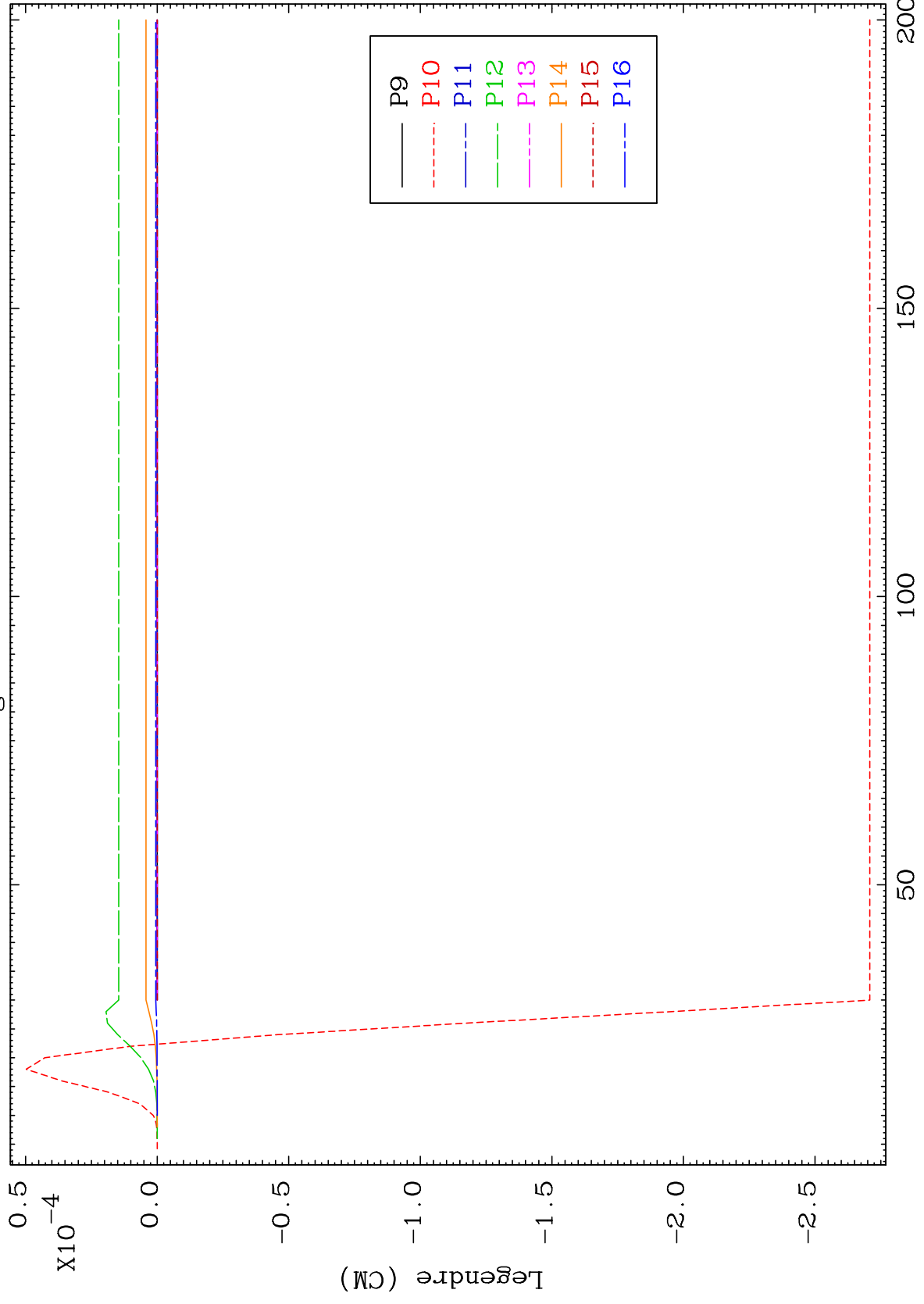
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

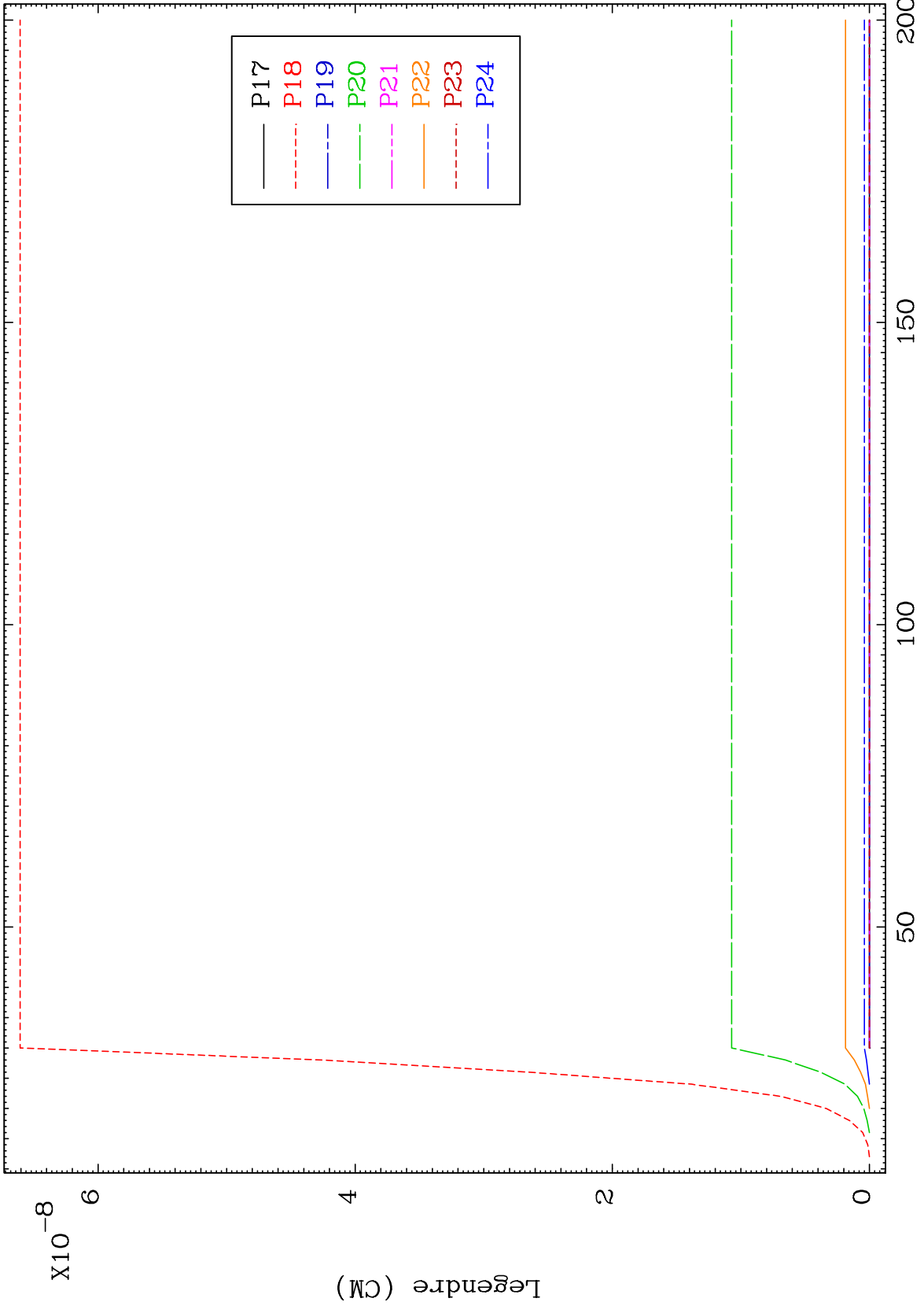


74

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 69 (n,n') Level Legendre Coefficients 18-Ar-39

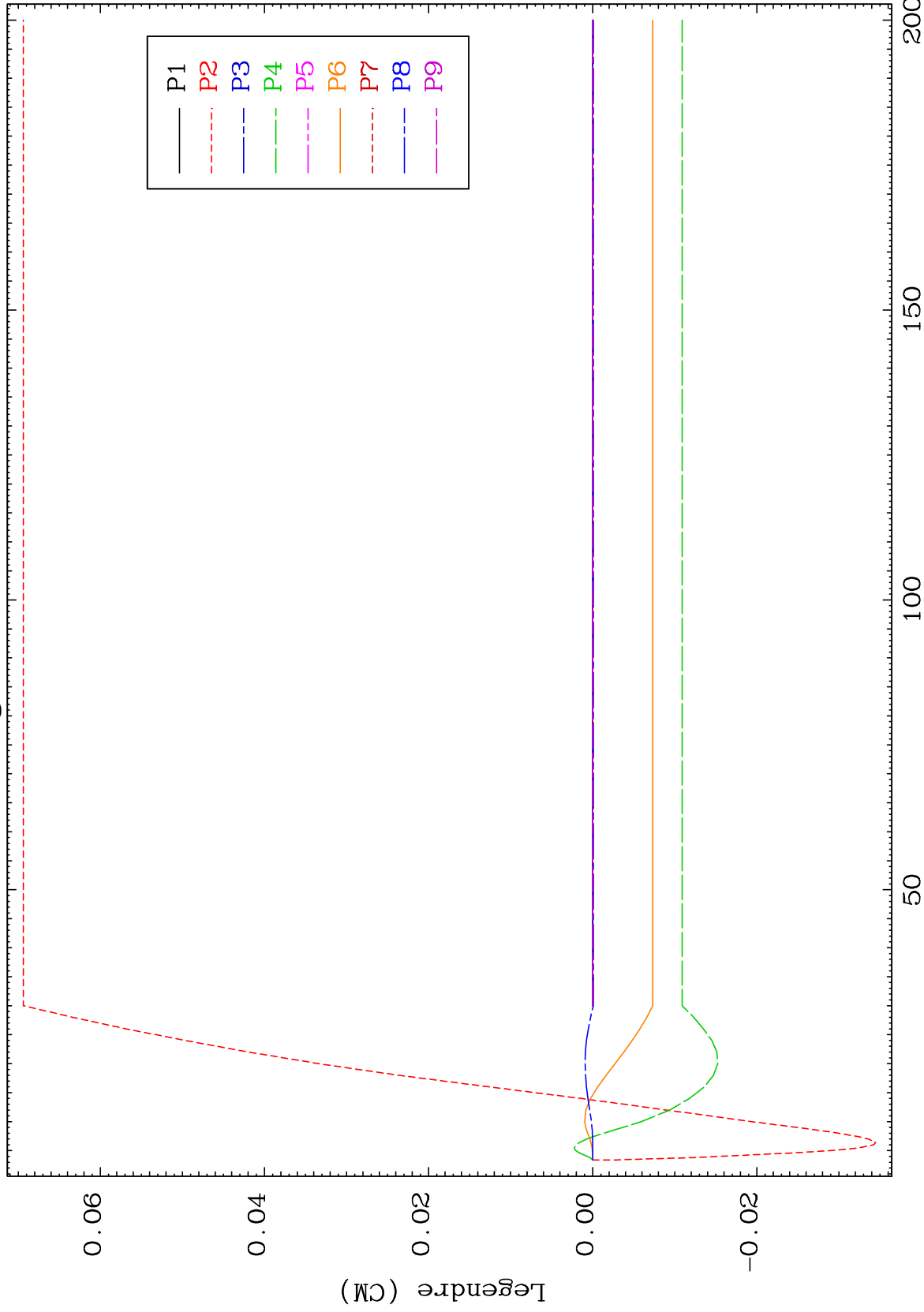


75 18-Ar-39

MAT 1834

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

18-Ar-39



76

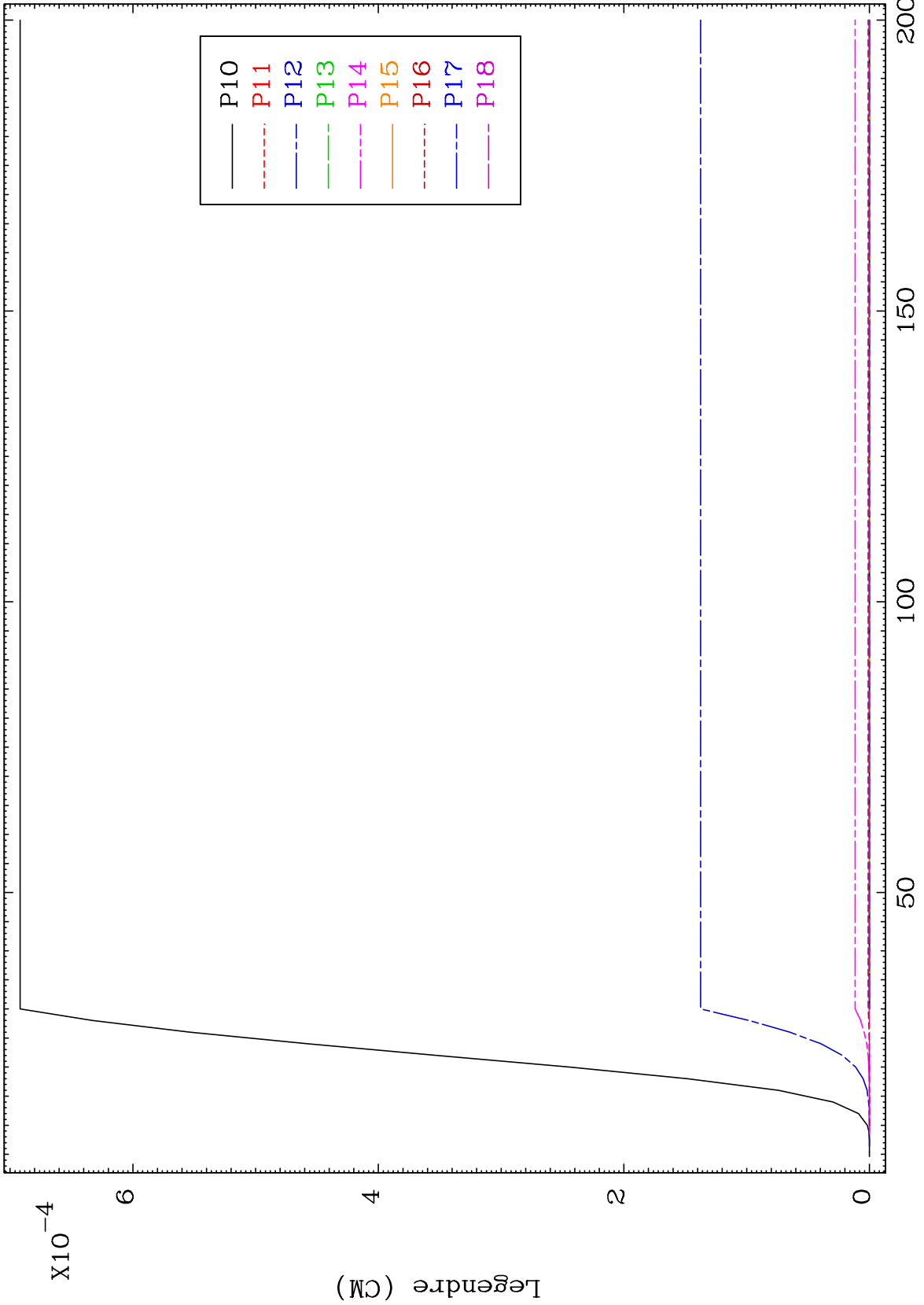
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

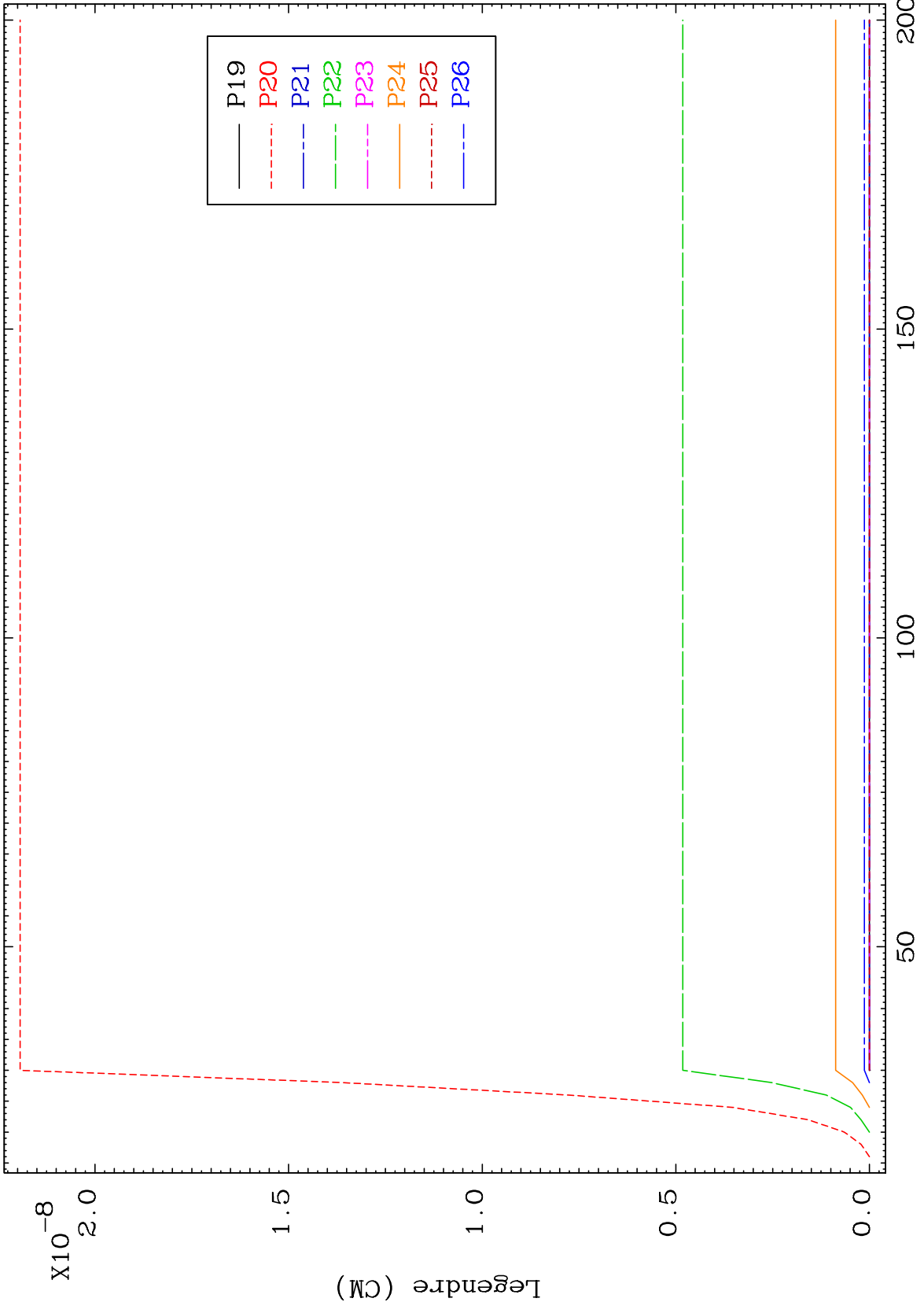


77

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 70 (n,n') Level Legendre Coefficients 18-Ar-39

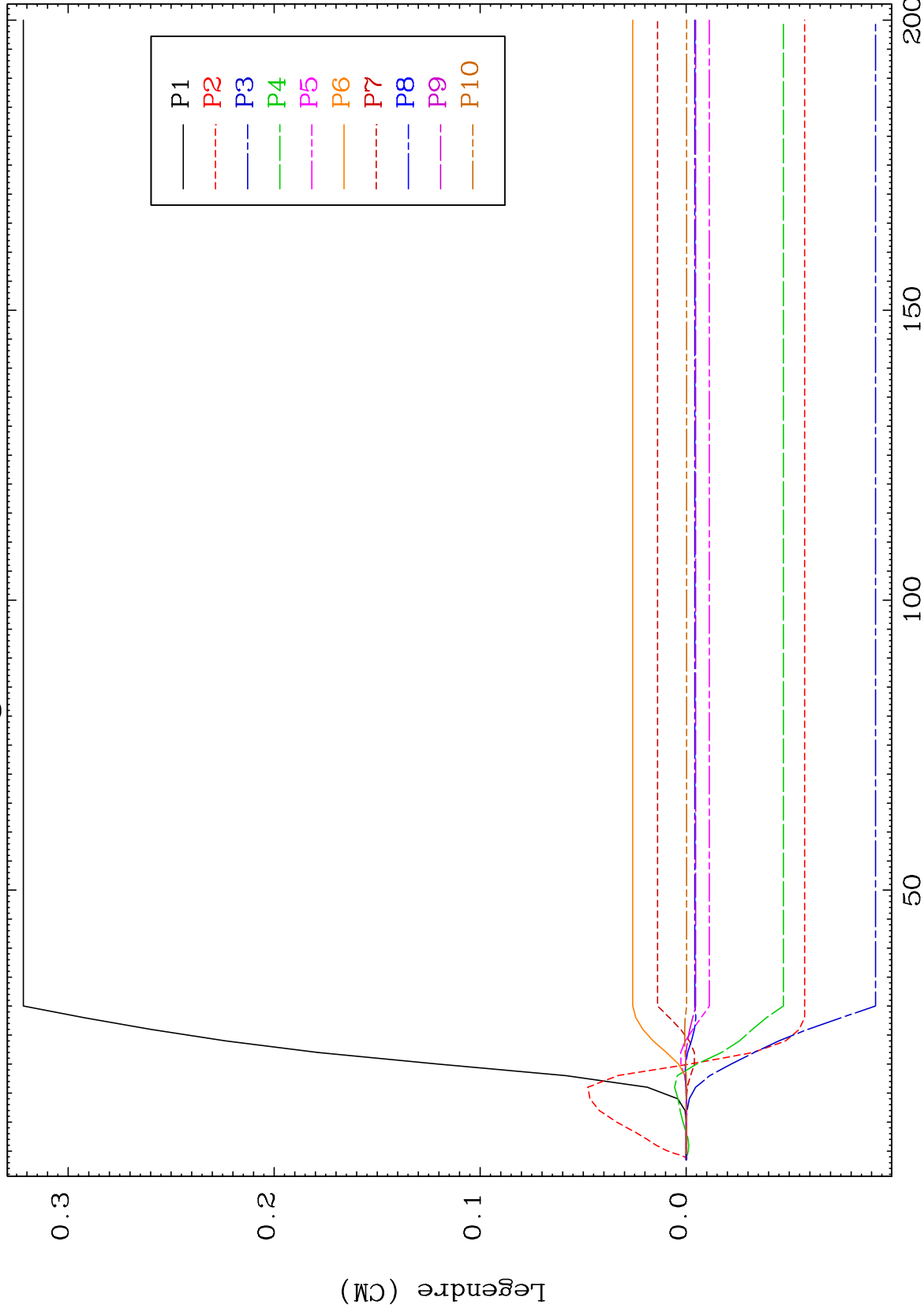


78 Incident Energy (MeV) 18-Ar-39

MAT 1834

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

18-Ar-39



79

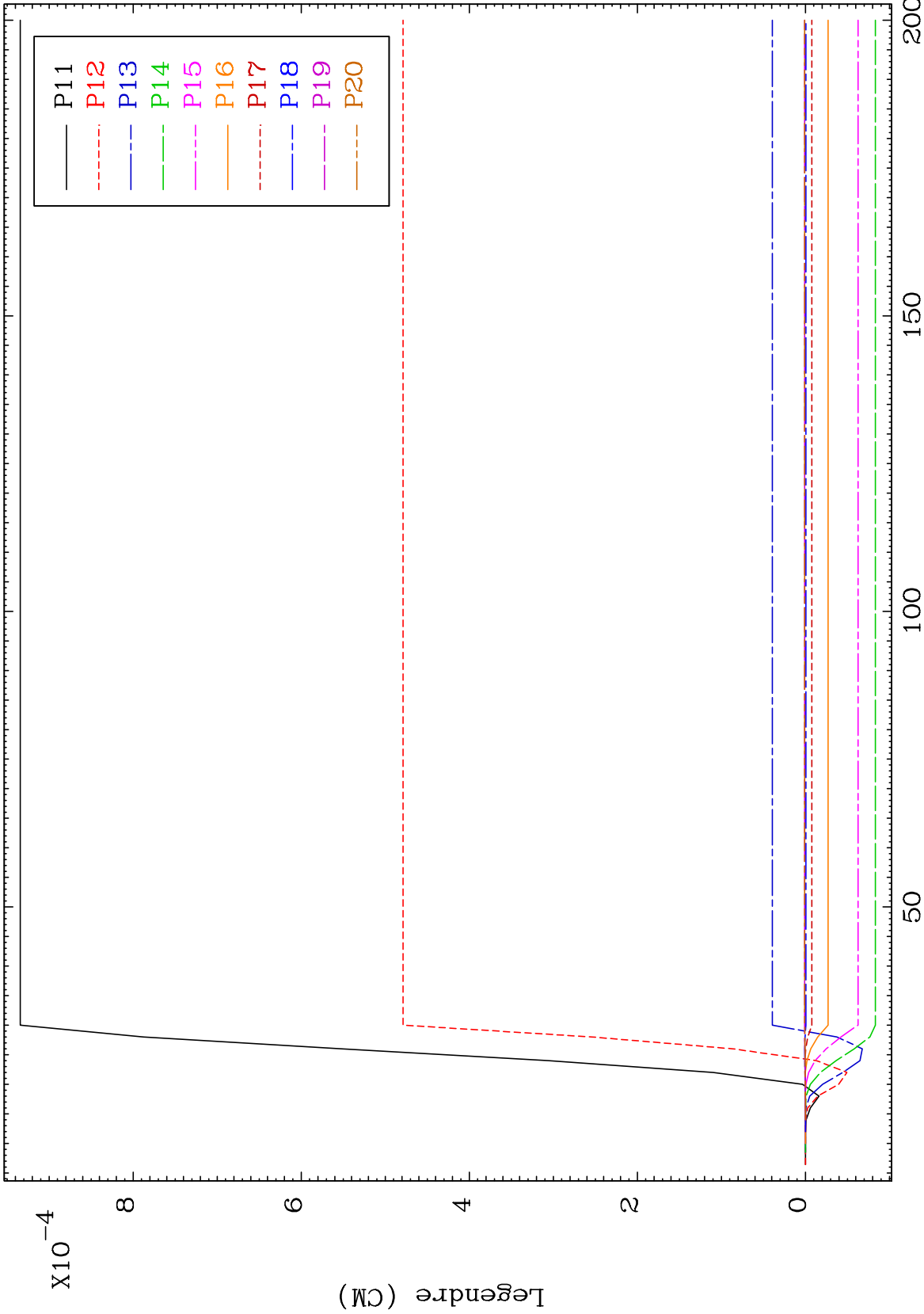
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



80

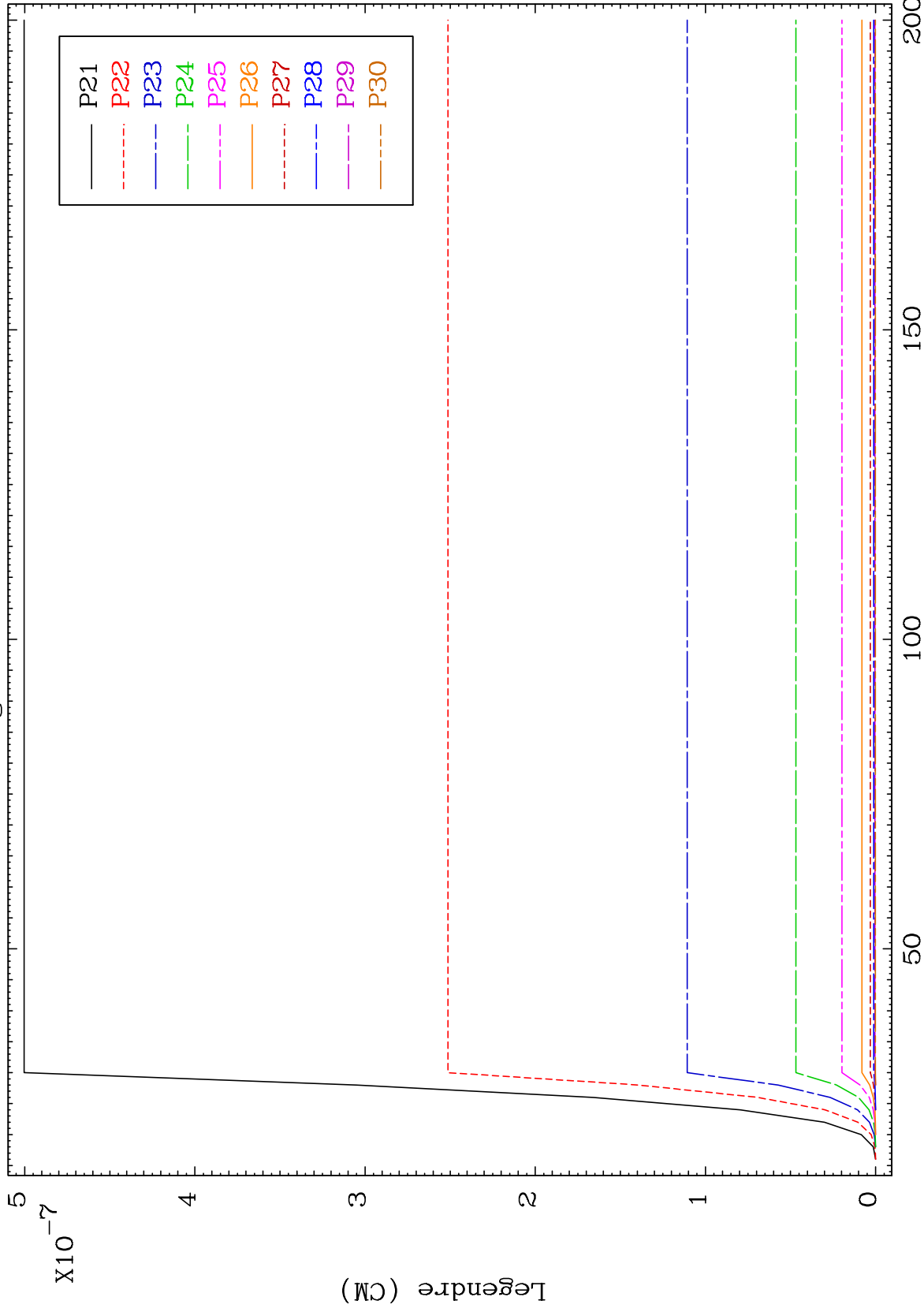
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



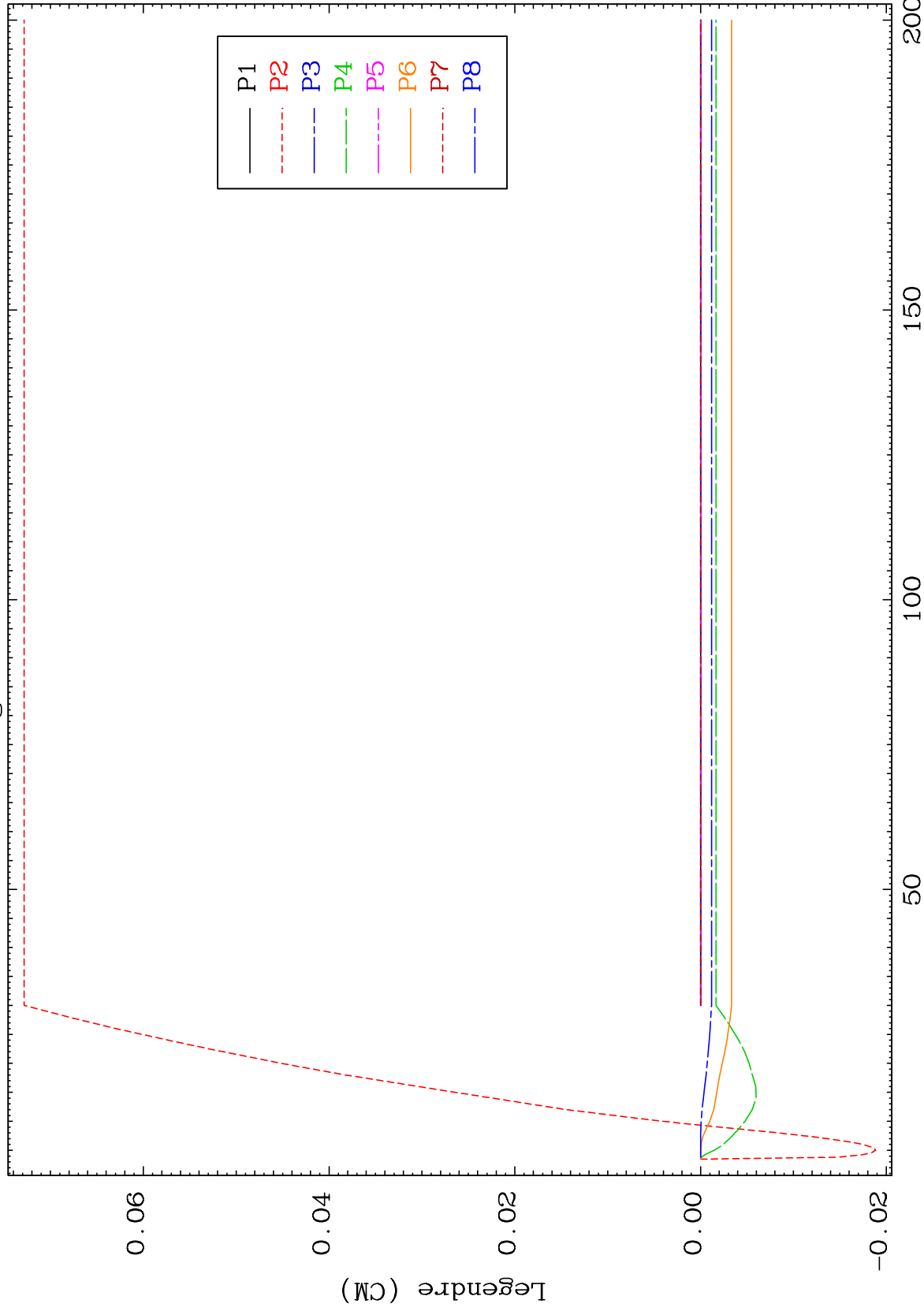
81

18-Ar-39

MAT 1834

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

18-Ar-39

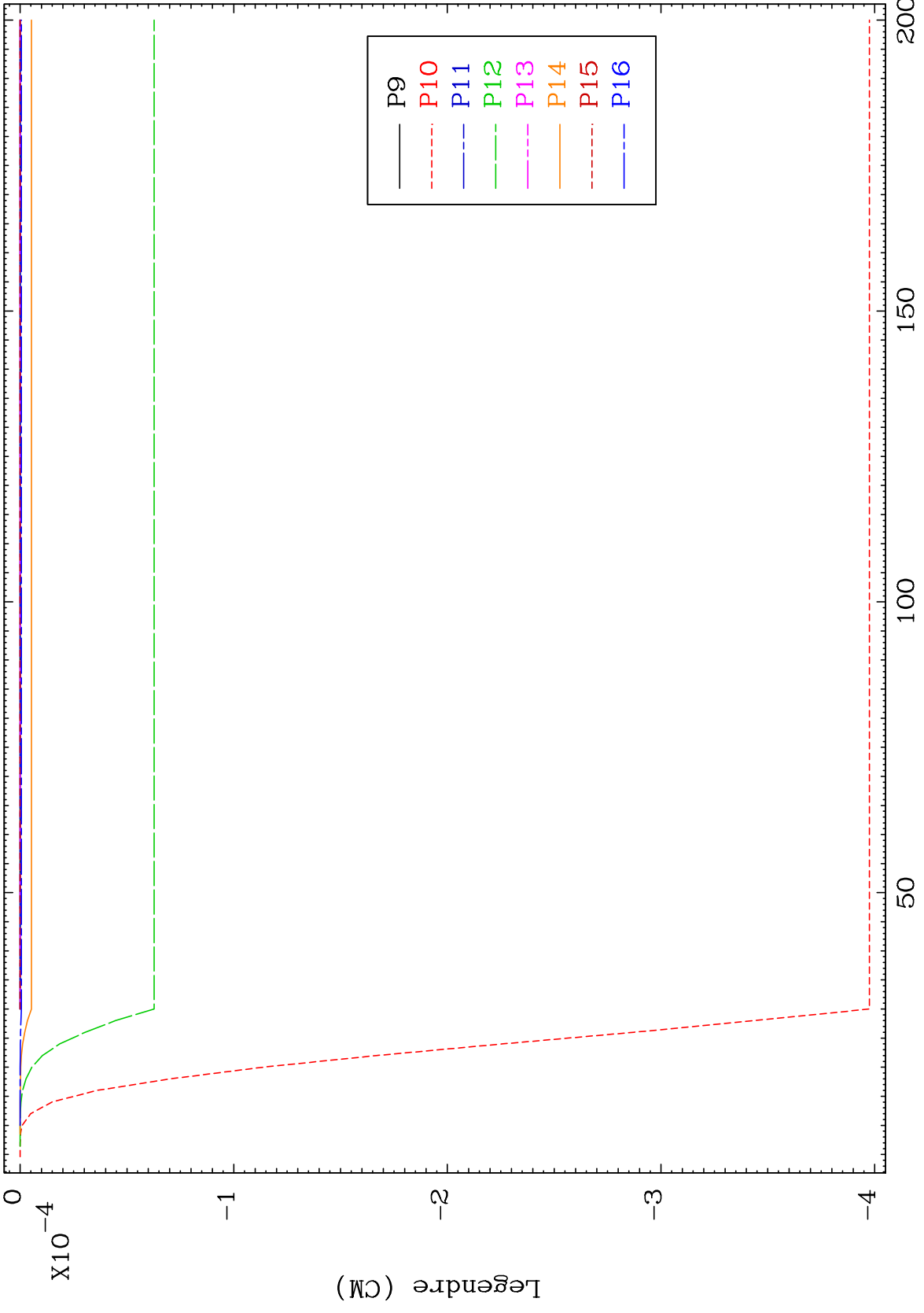


82

Incident Energy (MeV)

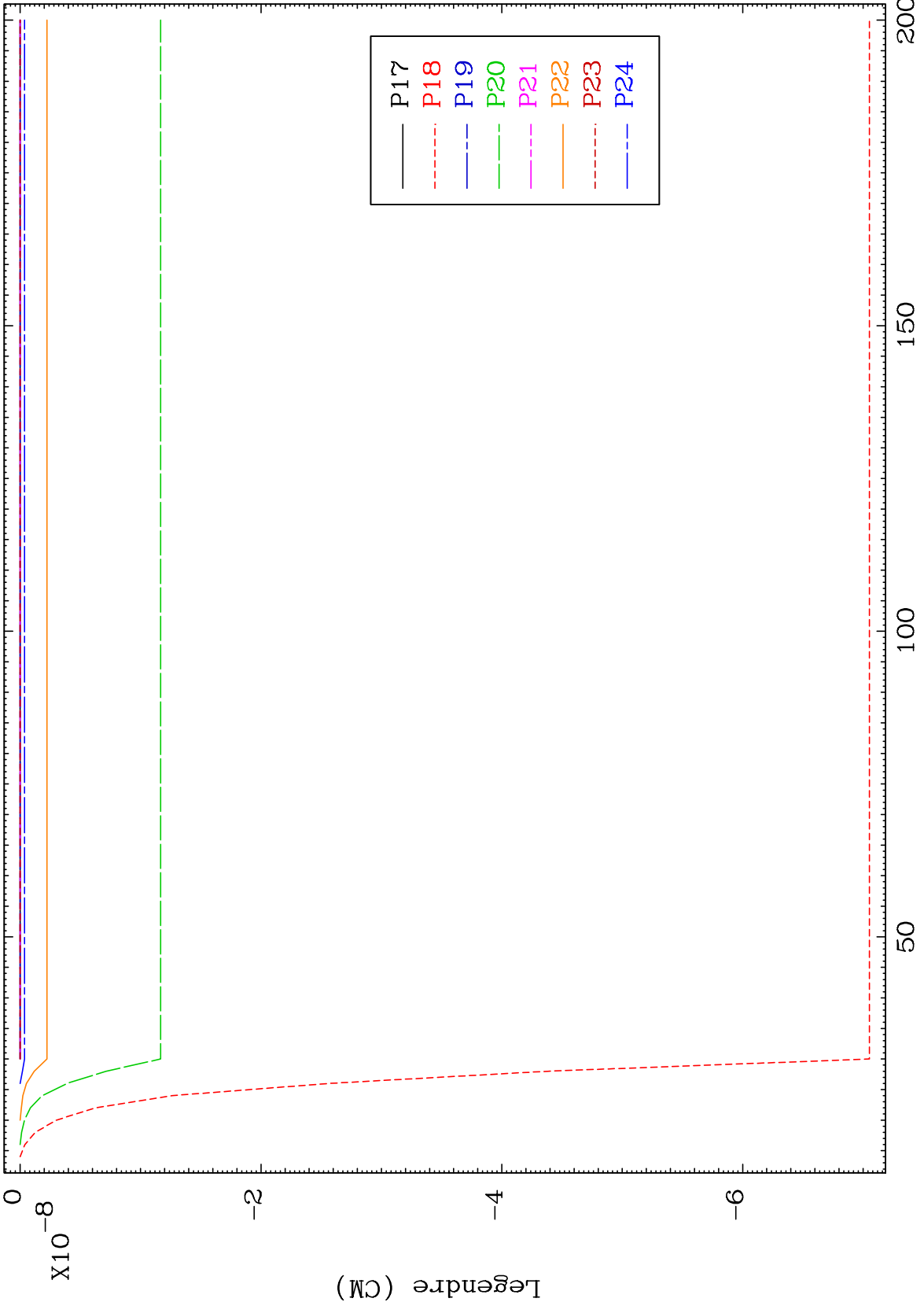
18-Ar-39

MAT 1834 MT= 72 (n,n') Level Legendre Coefficients 18-Ar-39



83 18-Ar-39

MAT 1834 MT= 72 (n,n') Level Legendre Coefficients 18-Ar-39

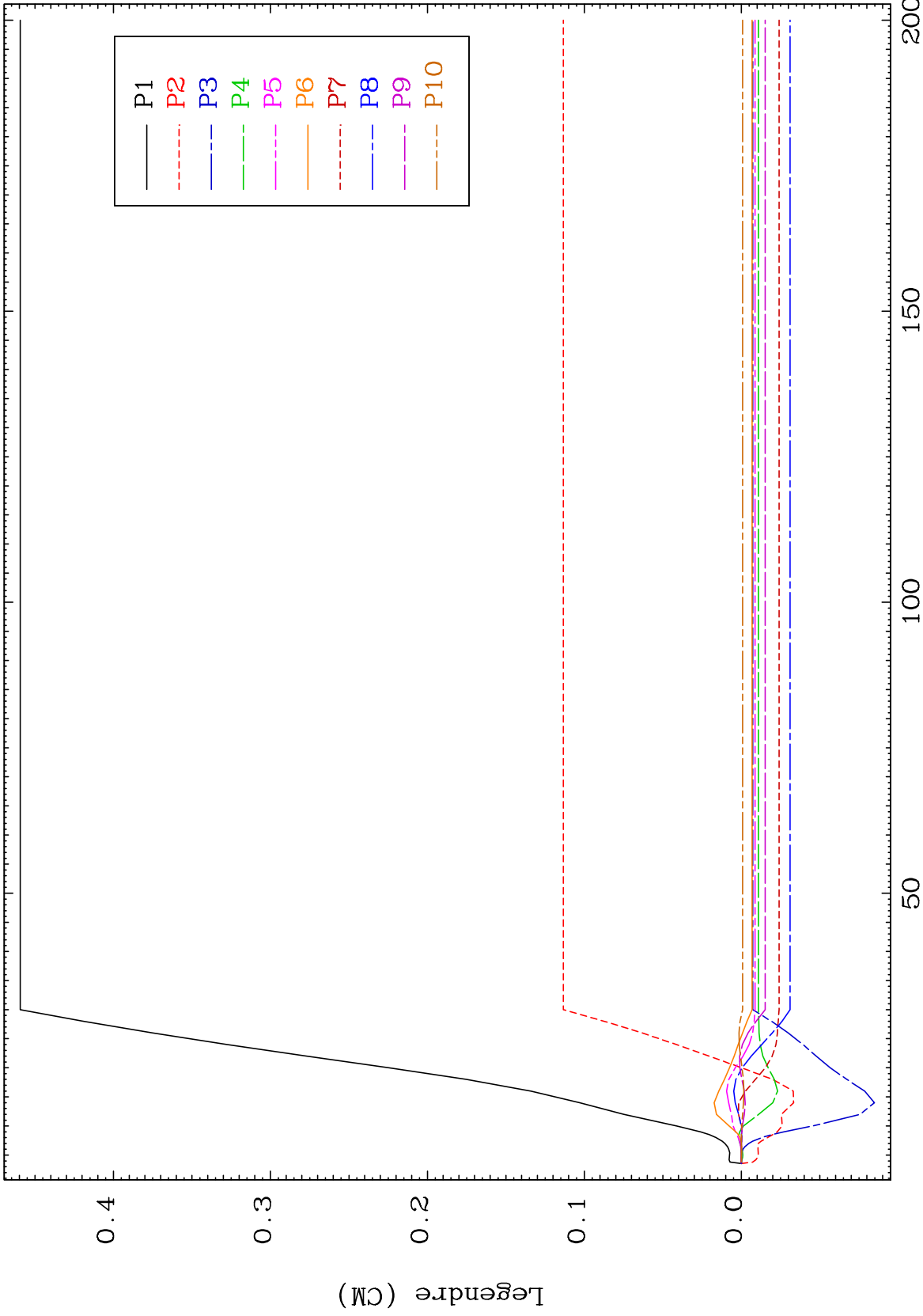


84 18-Ar-39

MAT 1834

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

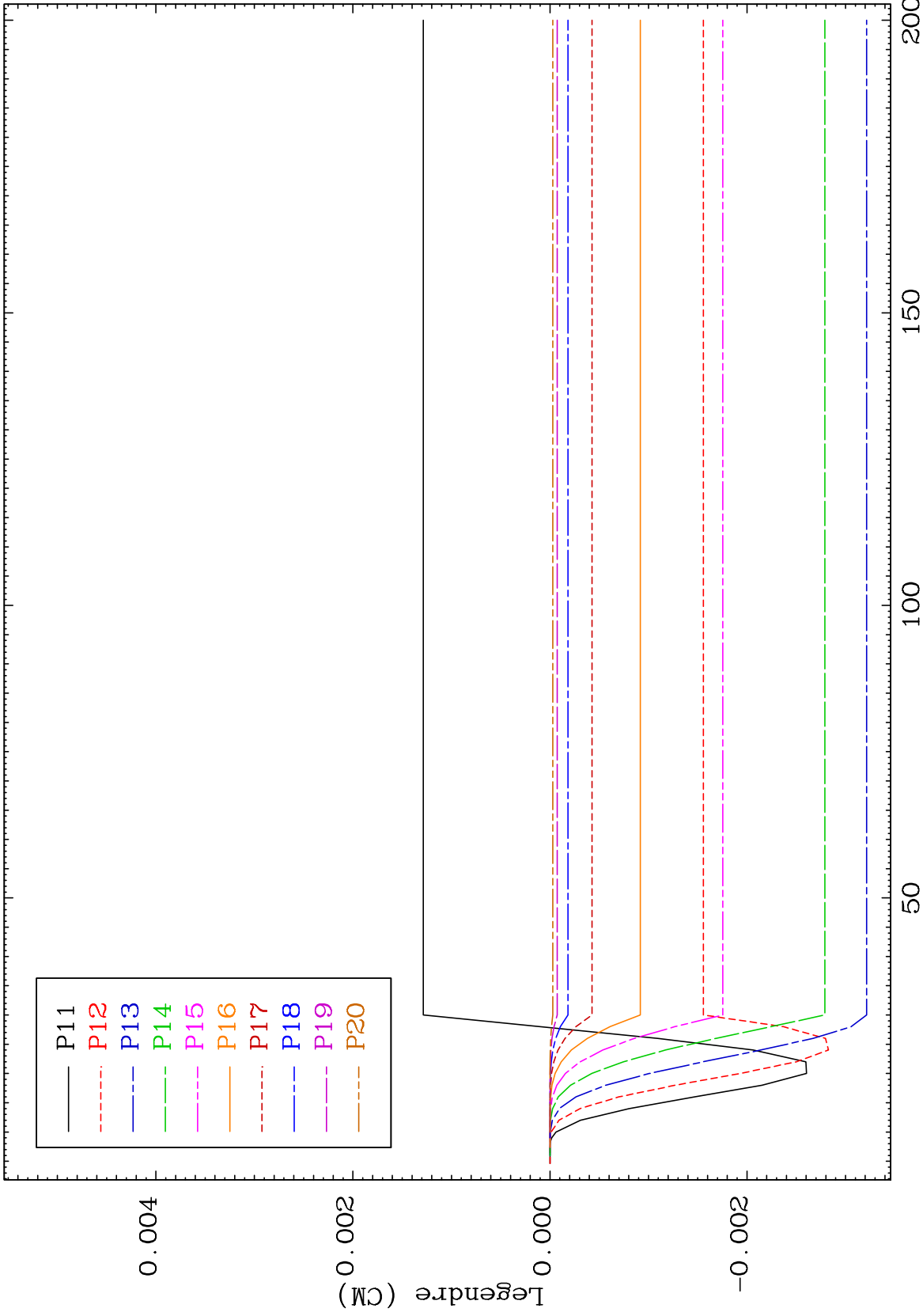
18-Ar-39



85

Incident Energy (MeV)

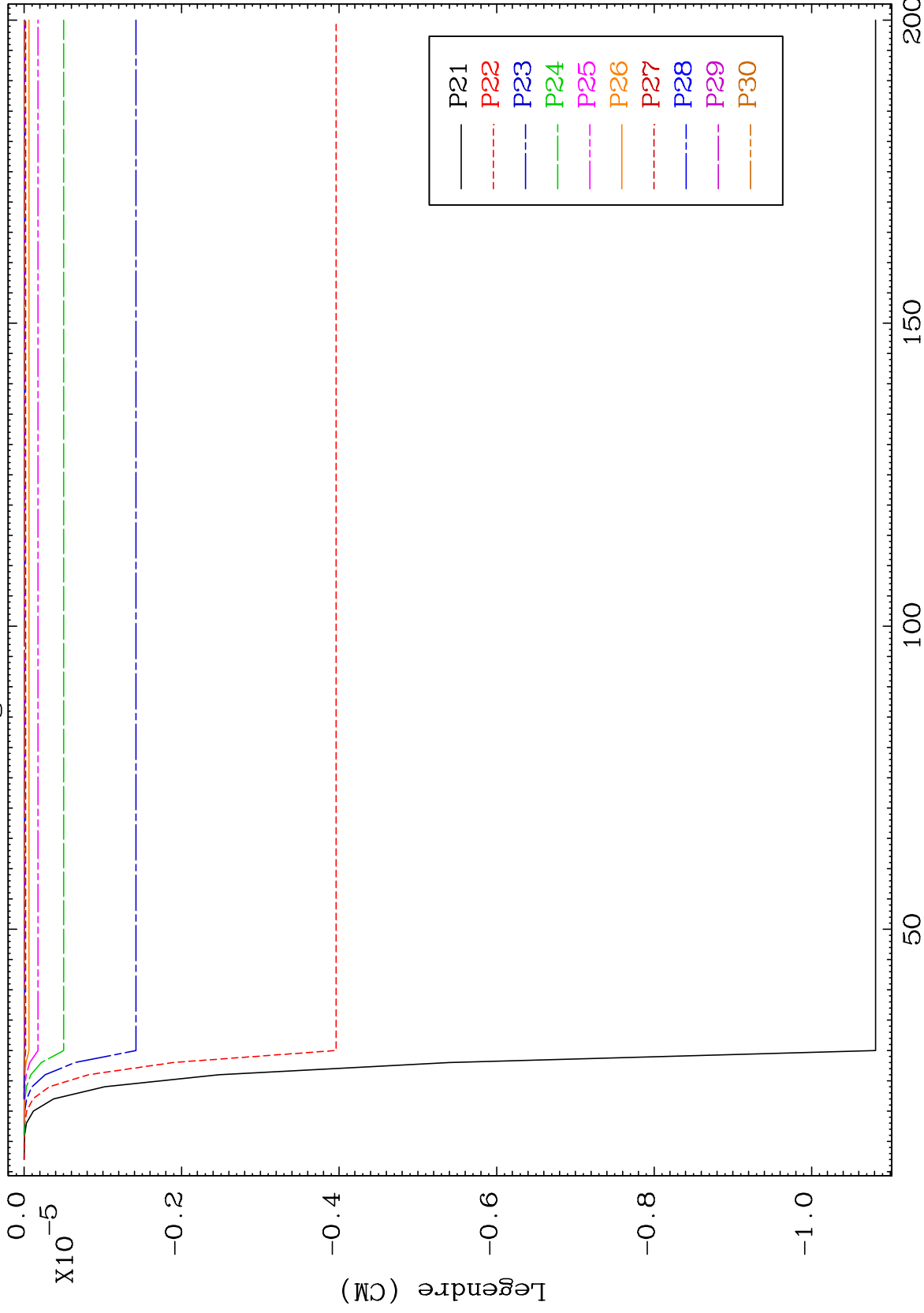
18-Ar-39



MAT 1834

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

18-Ar-39



18-Ar-39

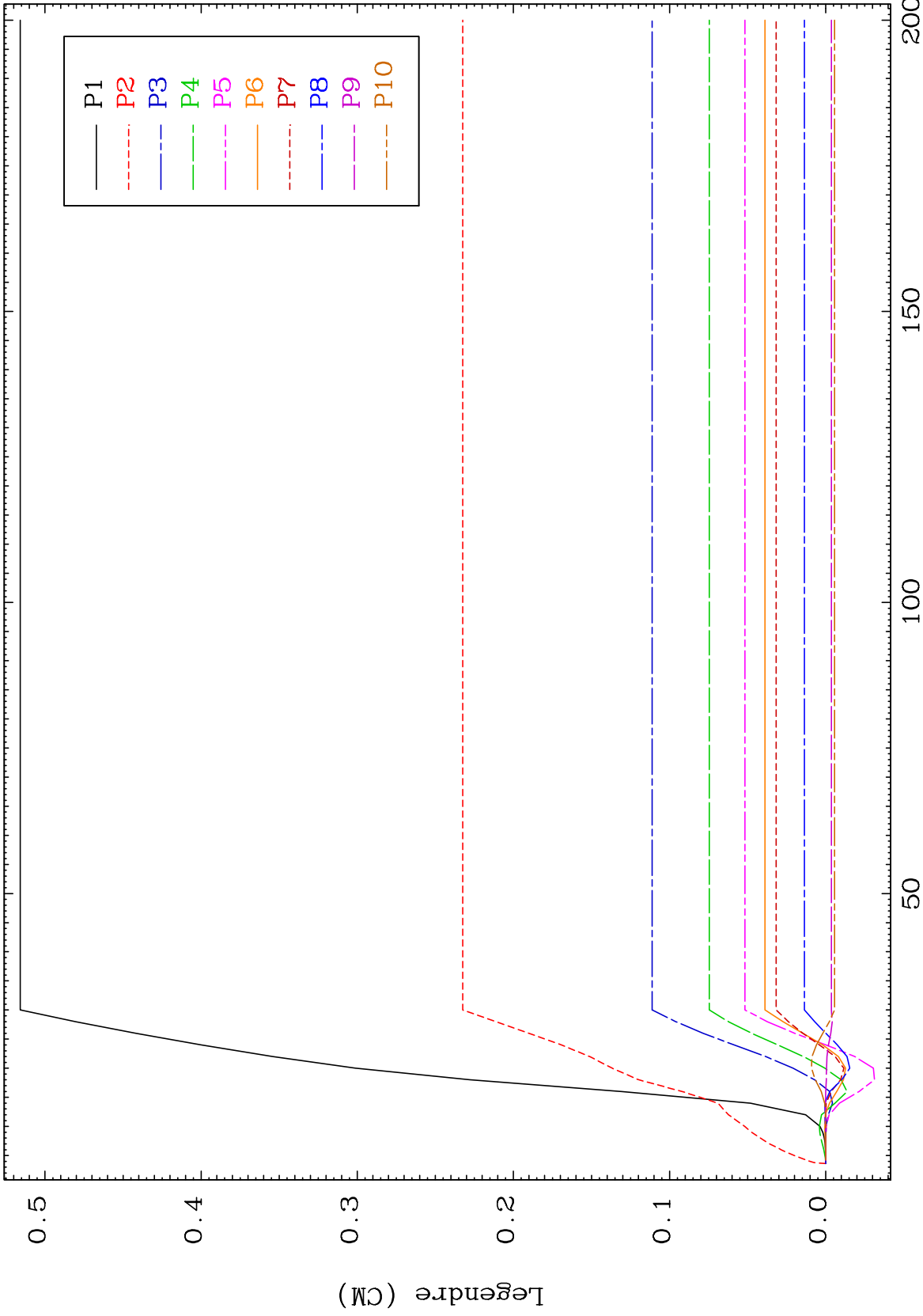
Incident Energy (MeV)

87

MAT 1834

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

18-Ar-39



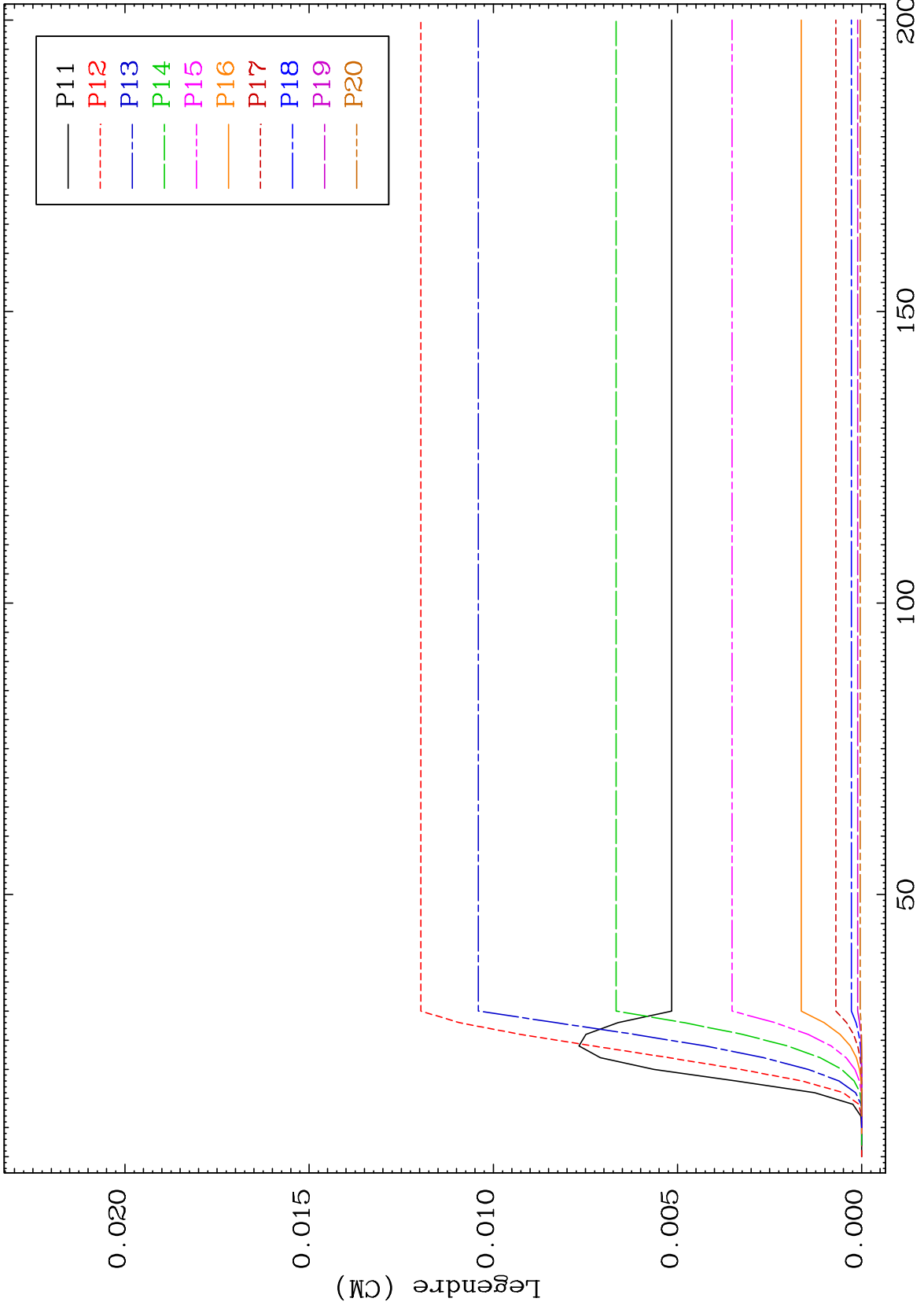
88

18-Ar-39

MAT 1834

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

18-Ar-39



89

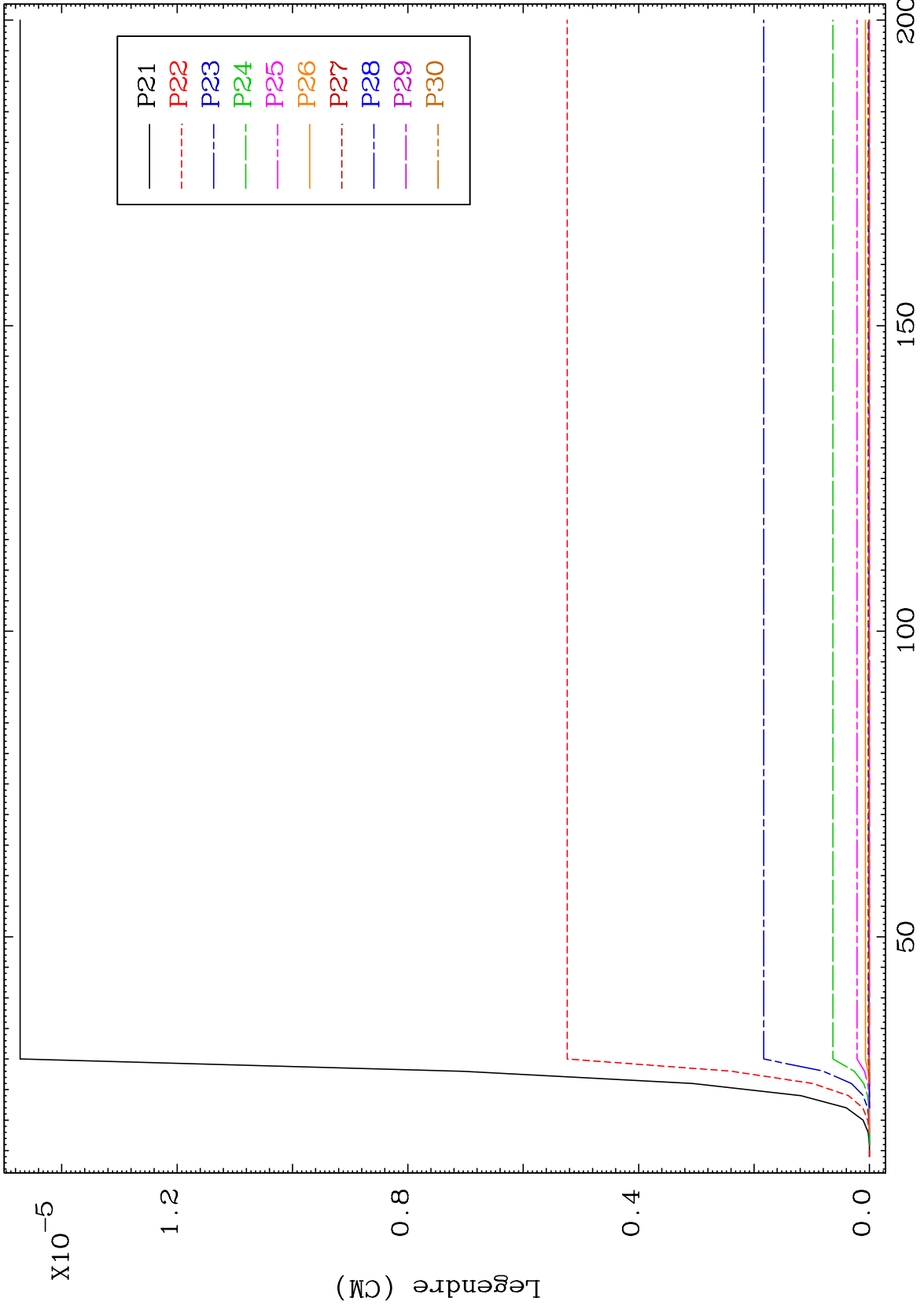
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

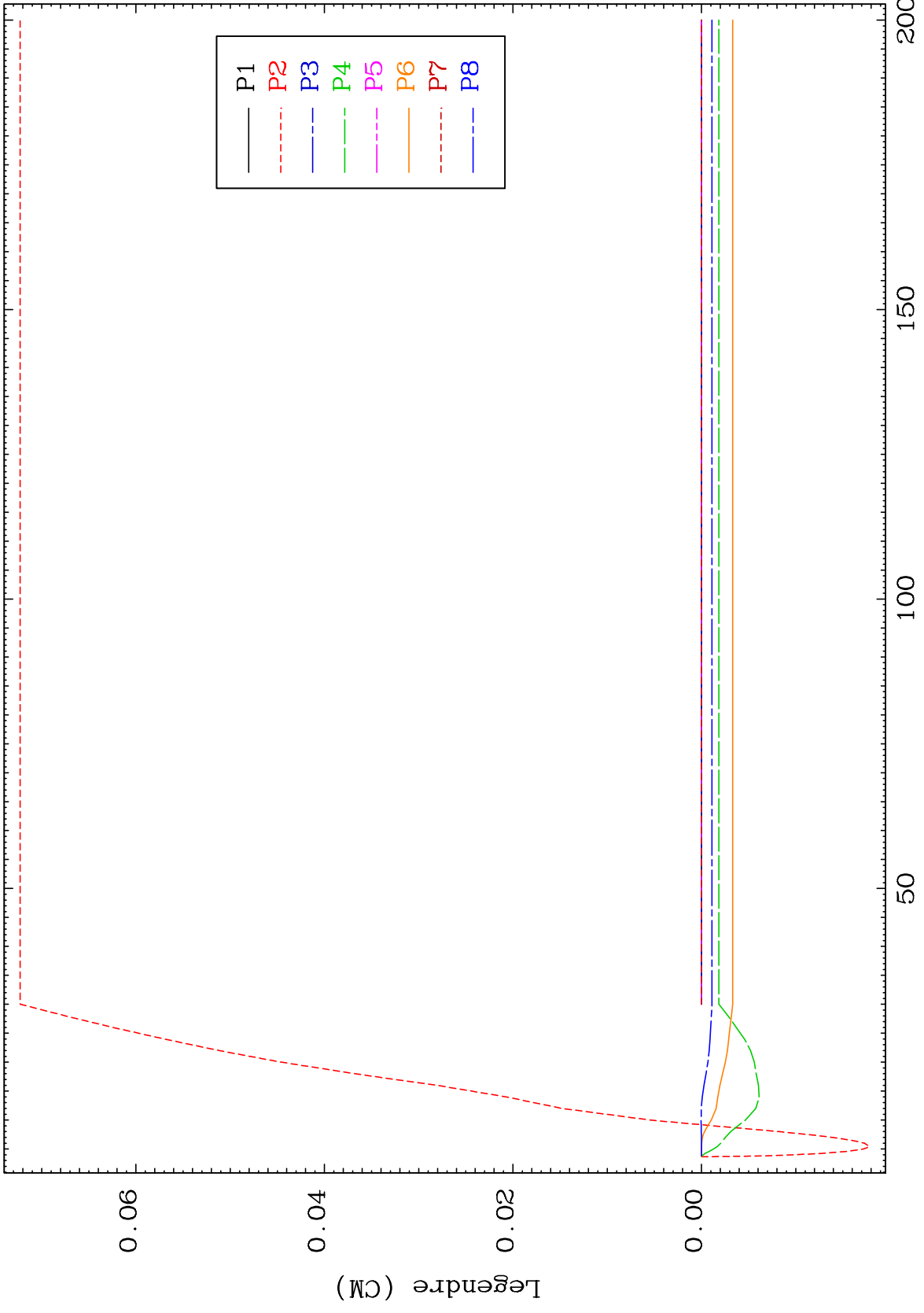


90

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 75 (n,n') Level Legendre Coefficients 18-Ar-39

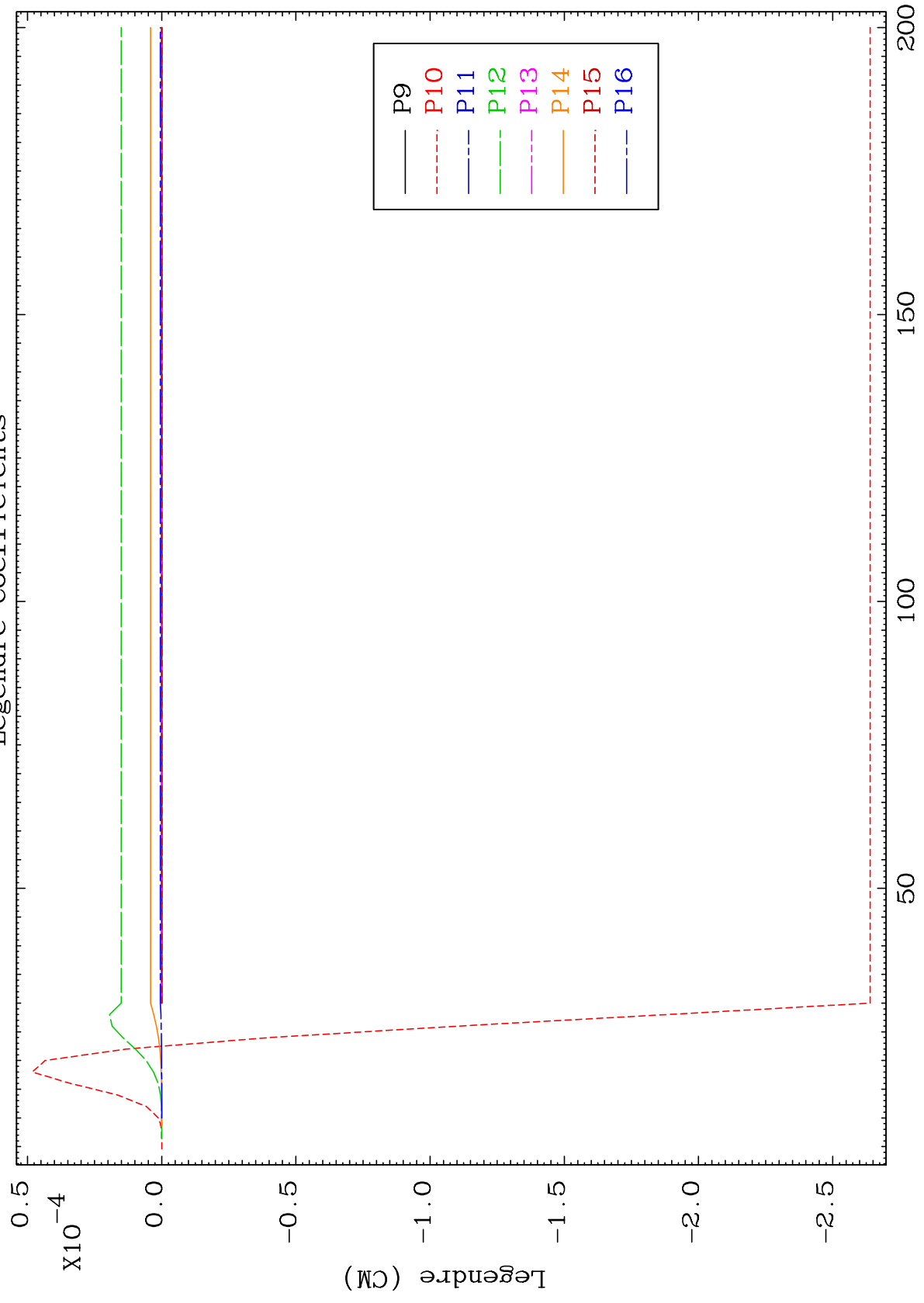


91 18-Ar-39

MAT 1834

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

18-Ar-39

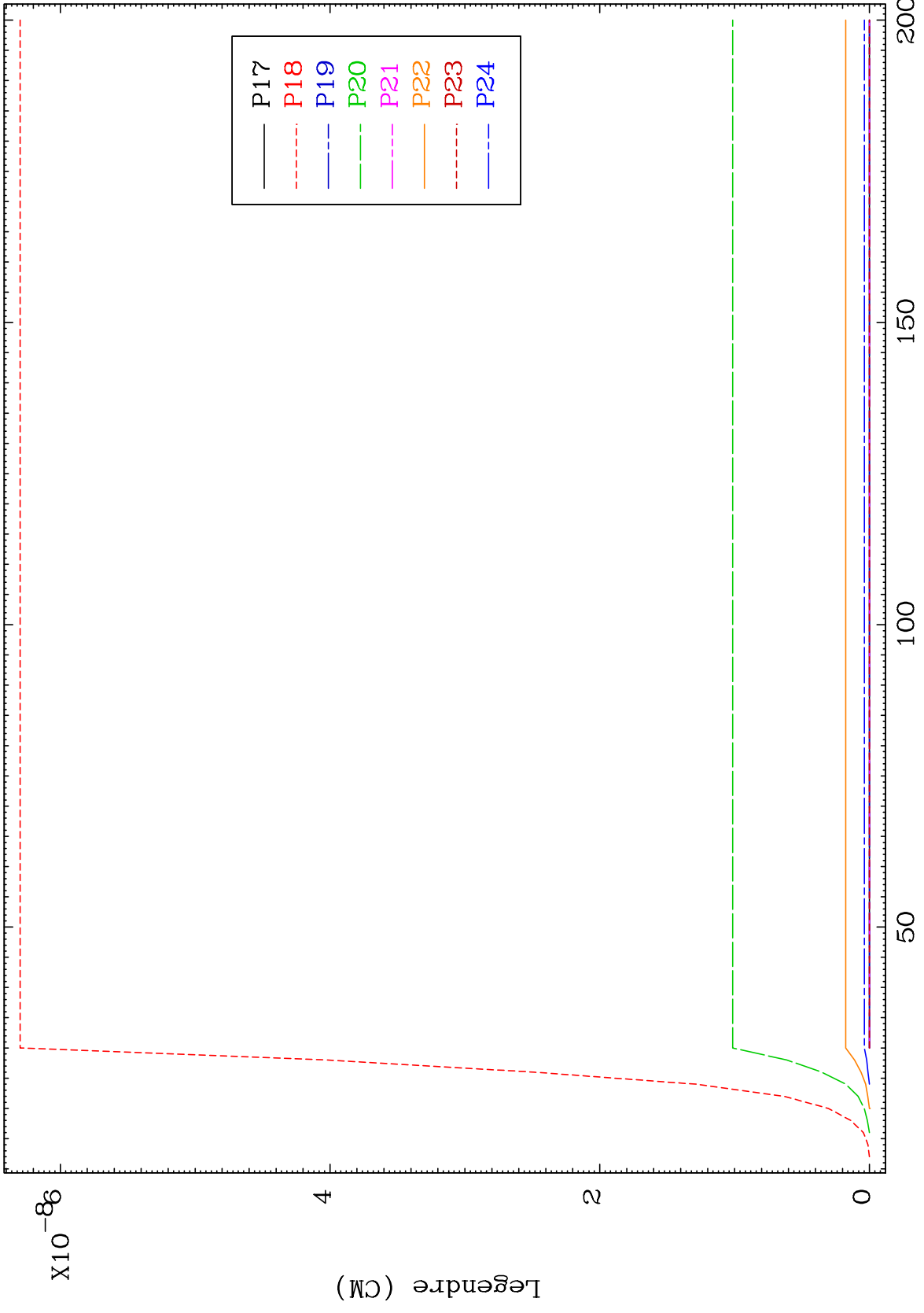


92

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 75 (n,n') Level Legendre Coefficients 18-Ar-39

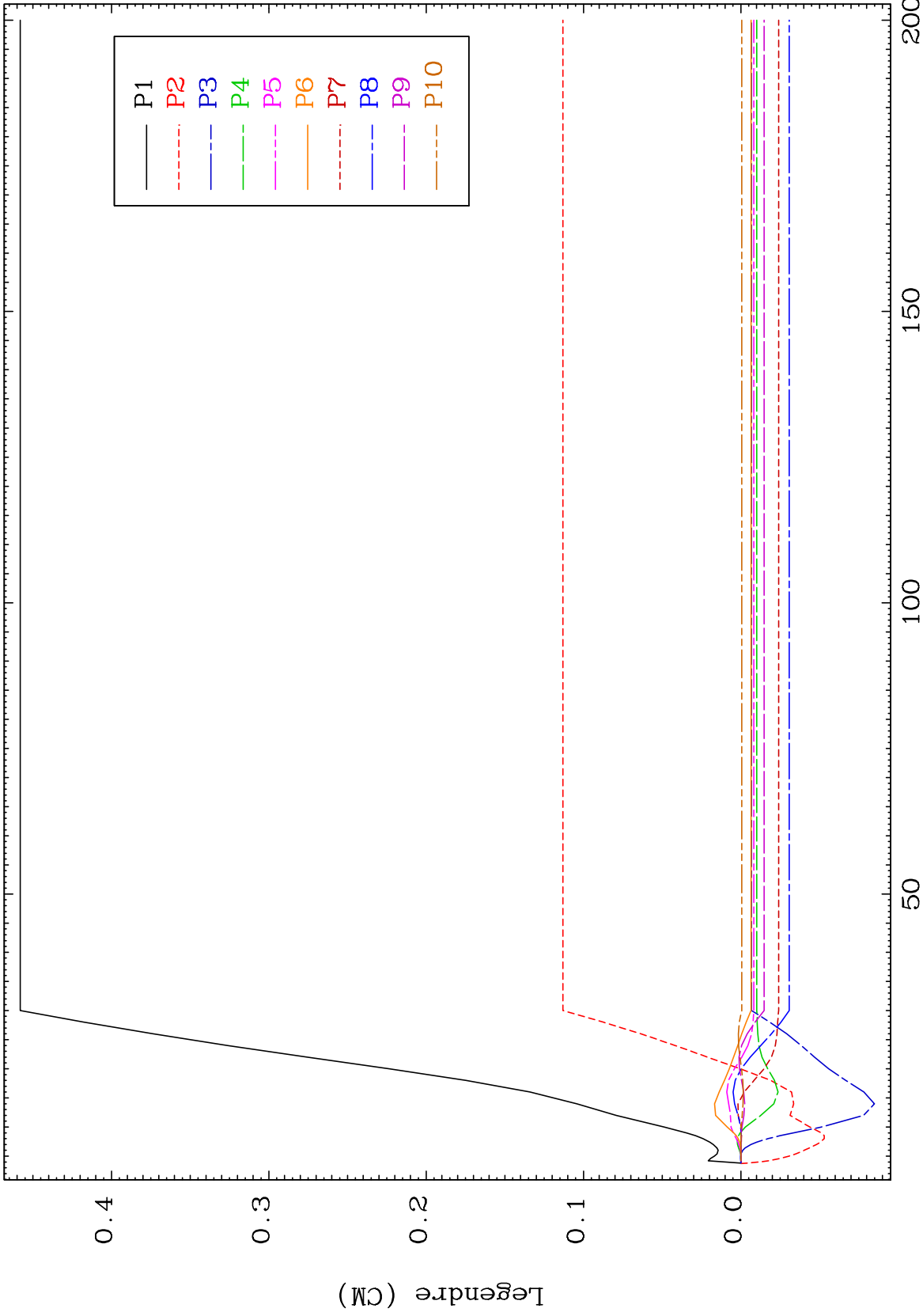


93 18-Ar-39

MAT 1834

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

18-Ar-39



94

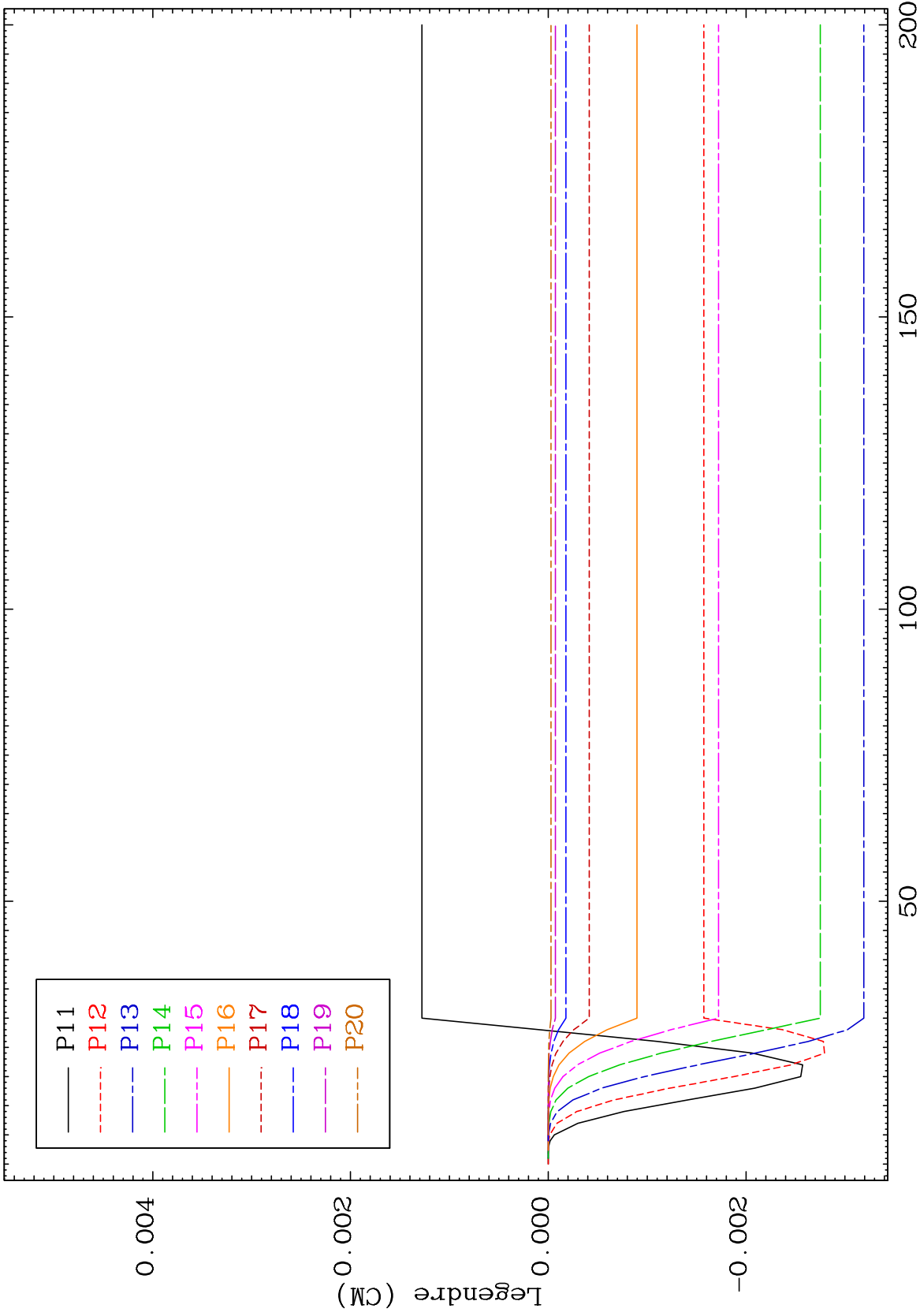
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



95

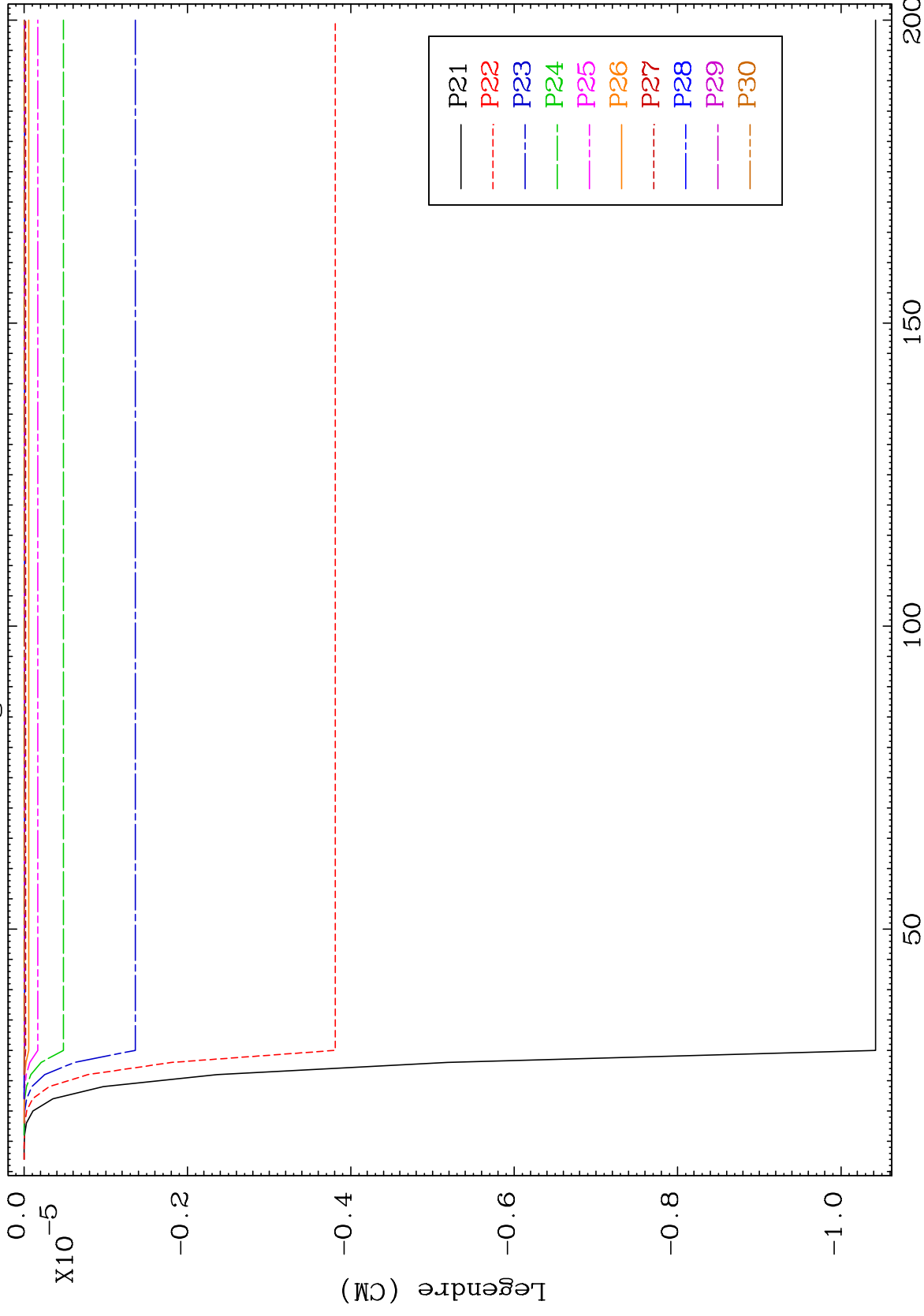
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



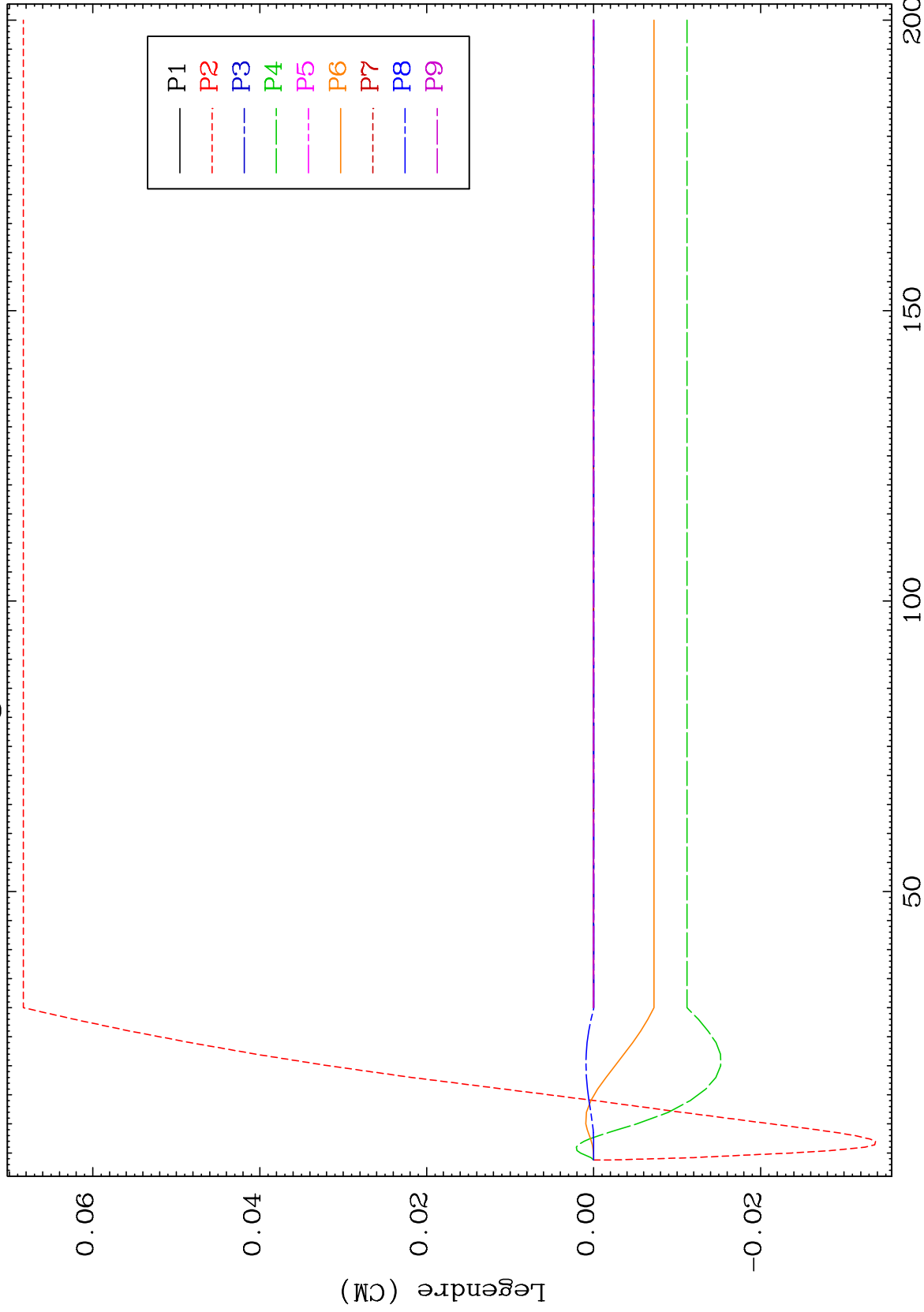
96

18-Ar-39

MAT 1834

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

18-Ar-39



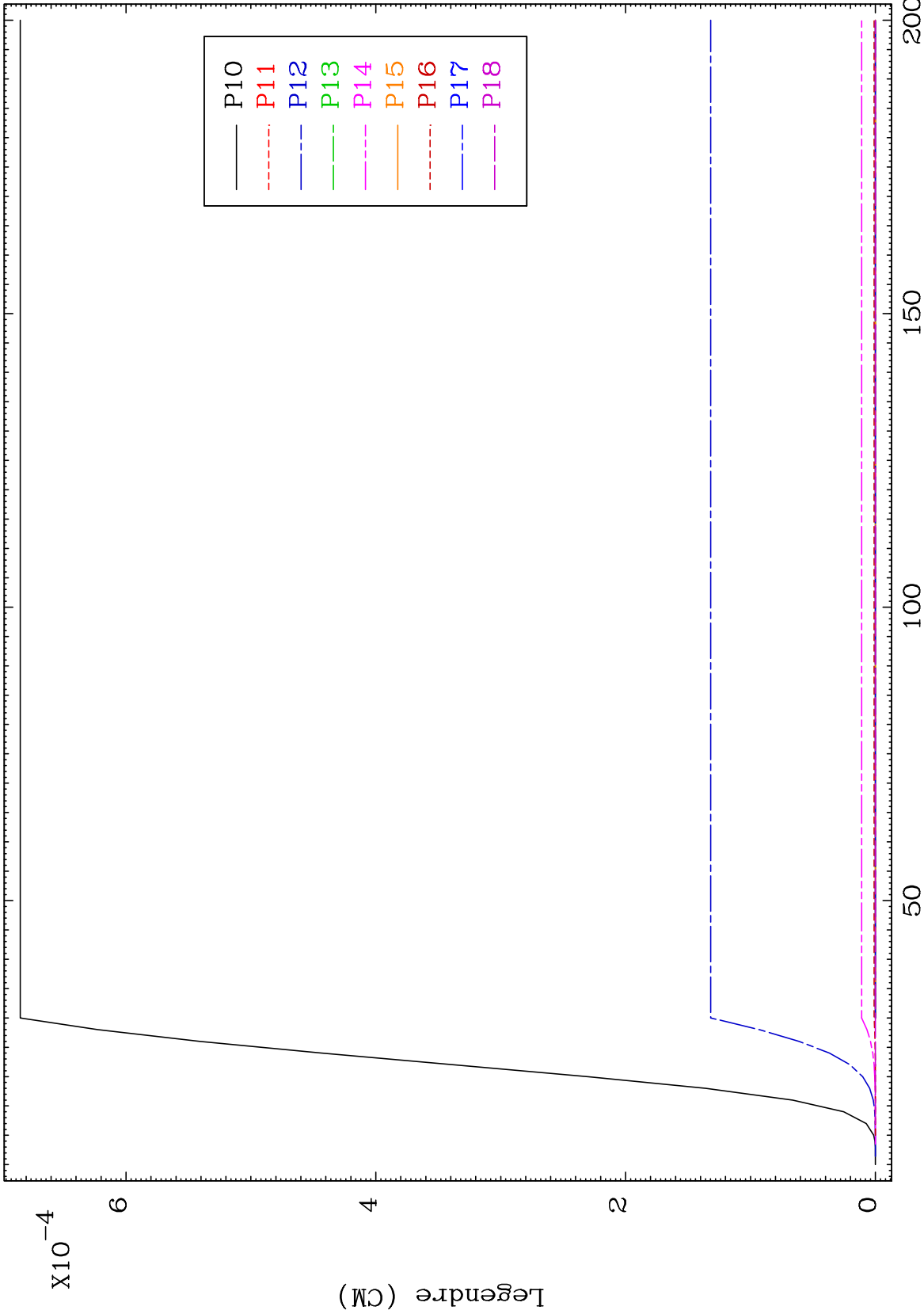
97

18-Ar-39

MAT 1834

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

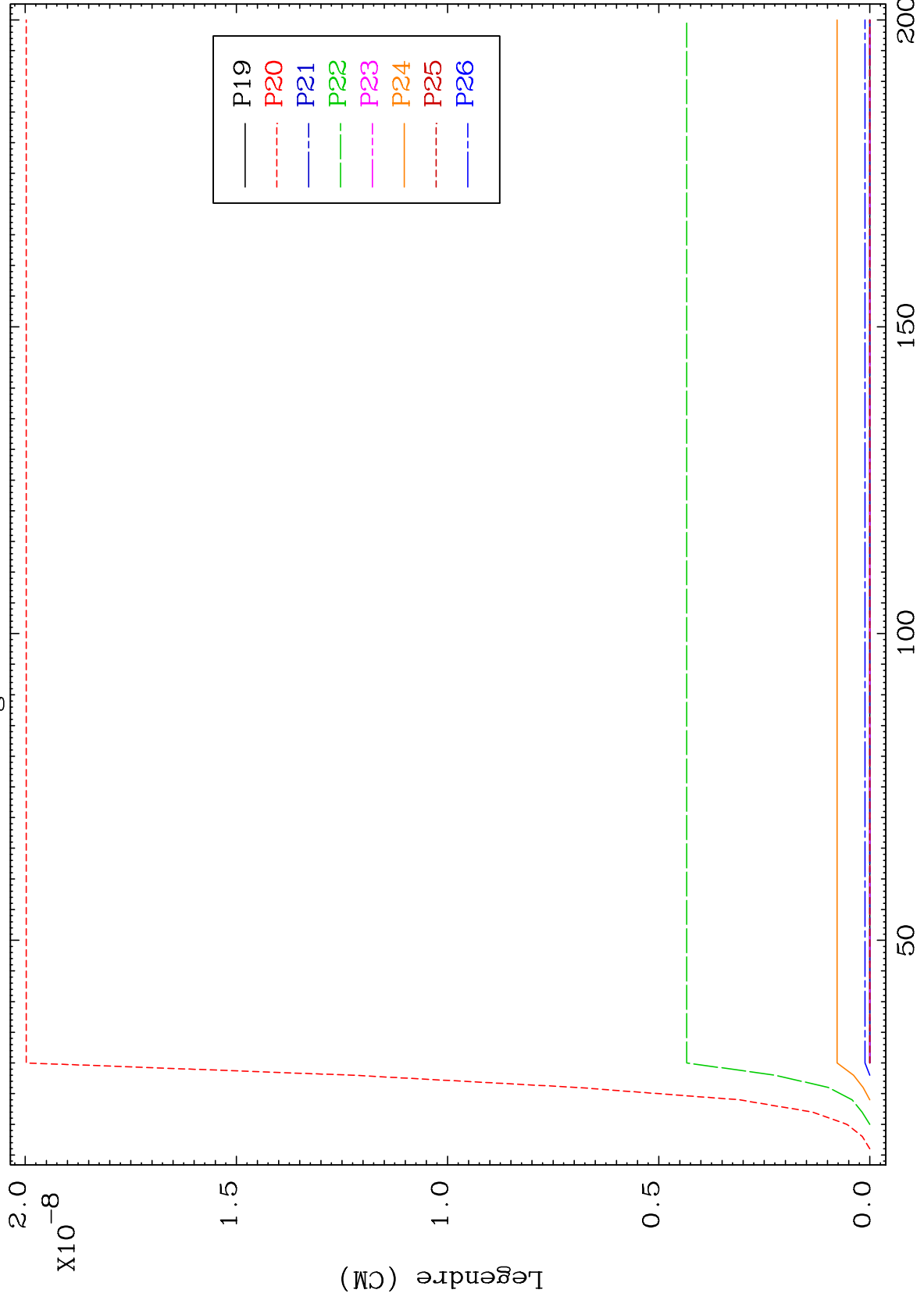
18-Ar-39



98

18-Ar-39

MAT 1834 MT= 77 (n,n') Level Legendre Coefficients 18-Ar-39

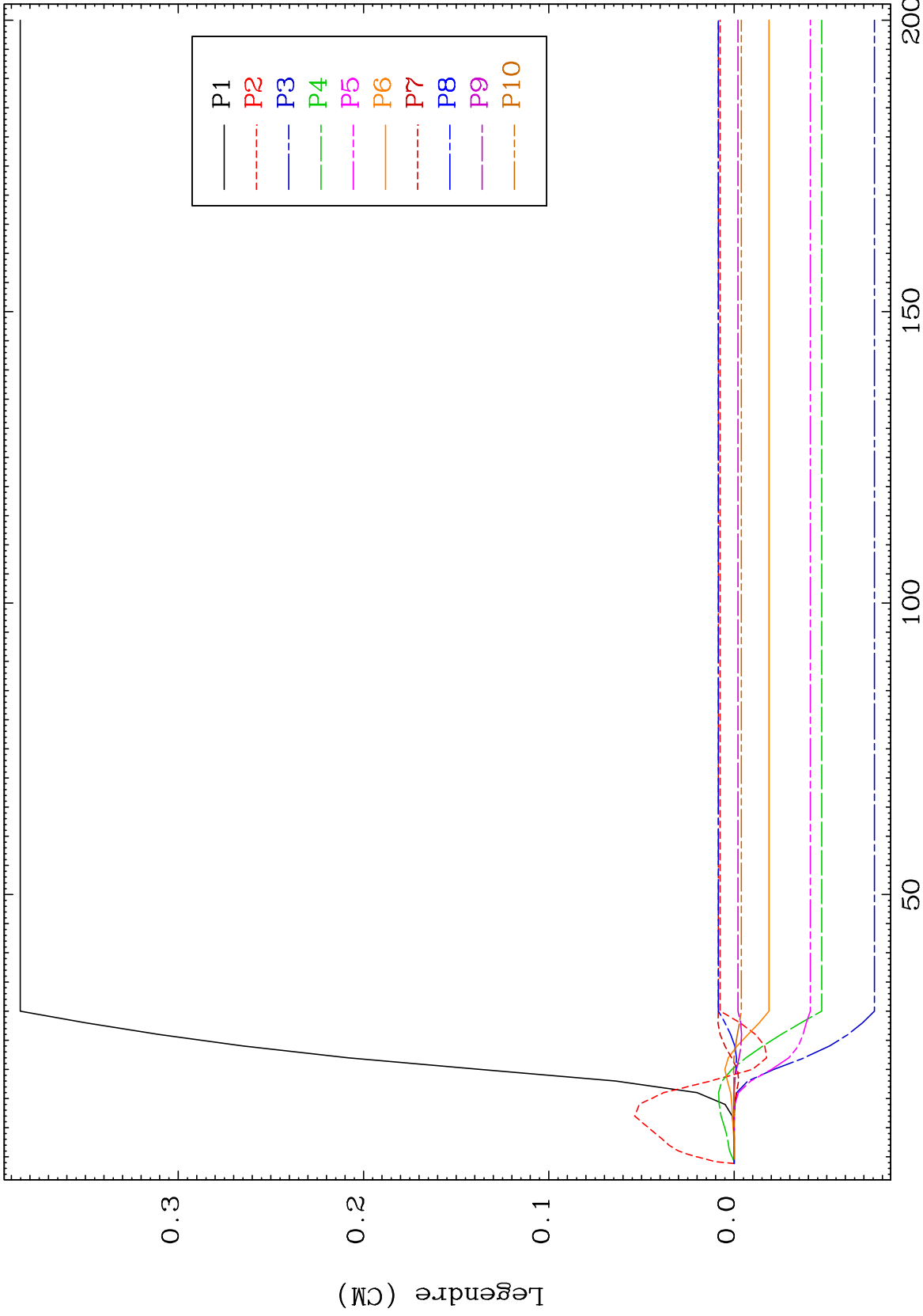


99 18-Ar-39

MAT 1834

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

18-Ar-39



100

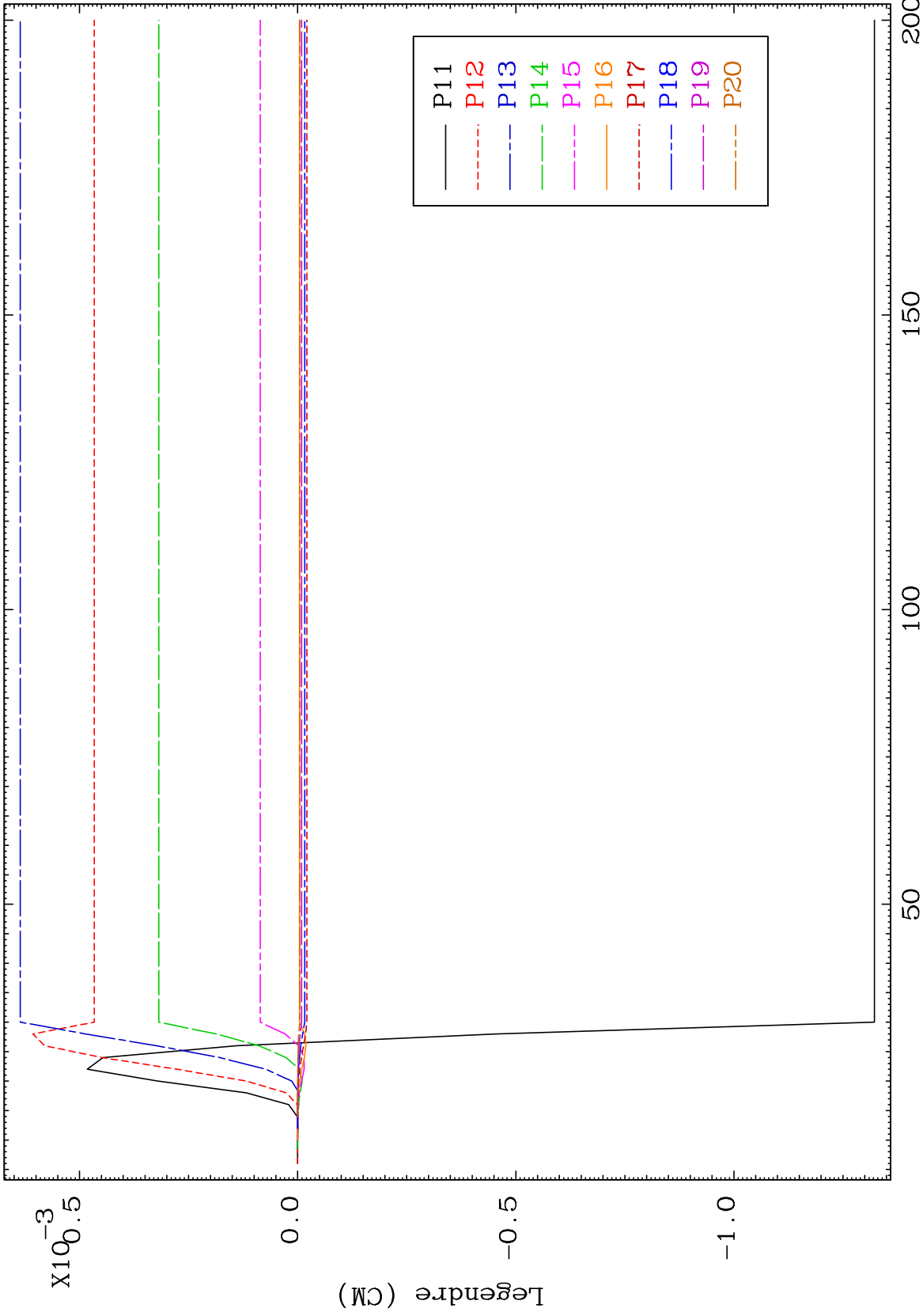
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

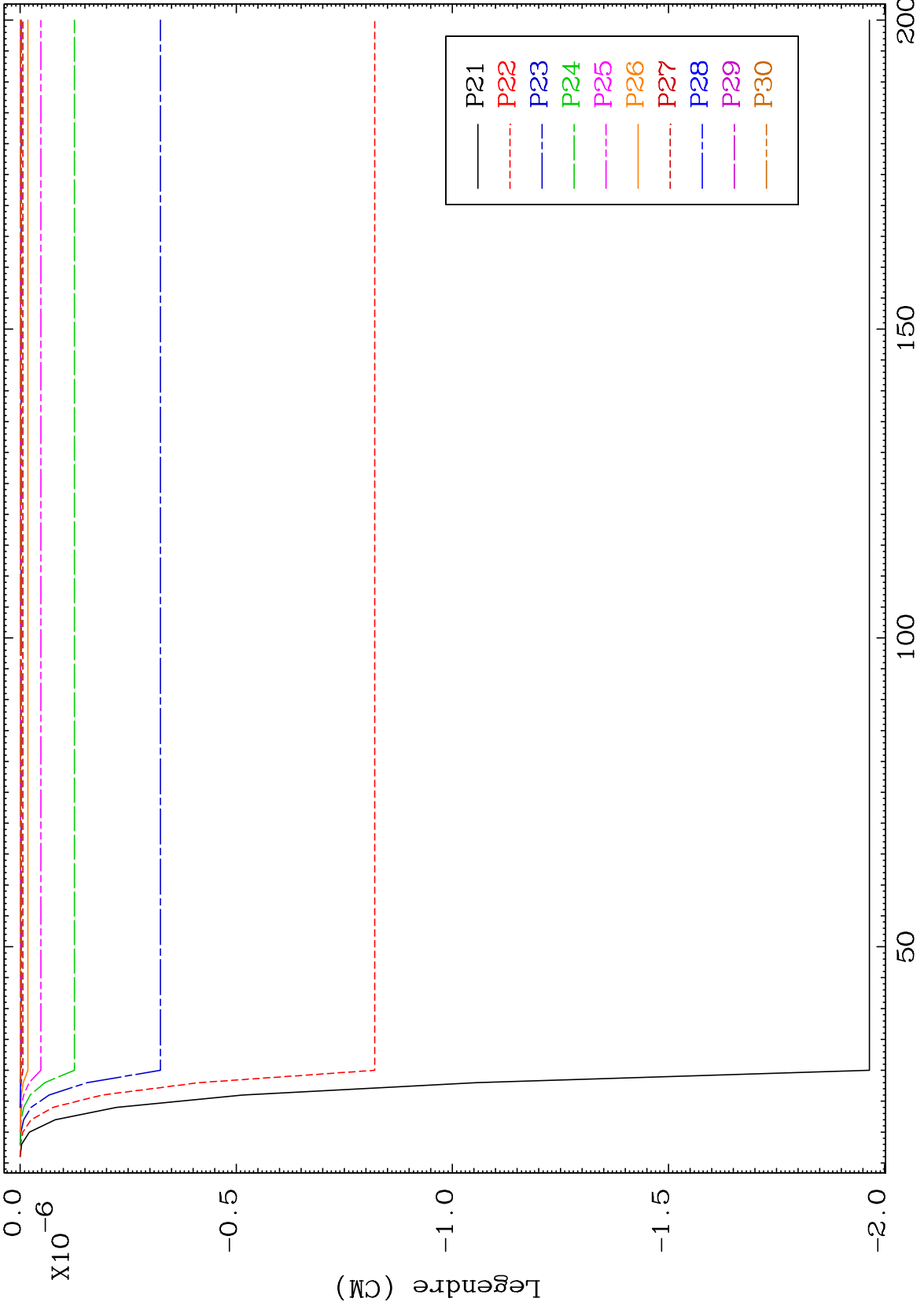


101

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 78 (n,n') Level Legendre Coefficients 18-Ar-39

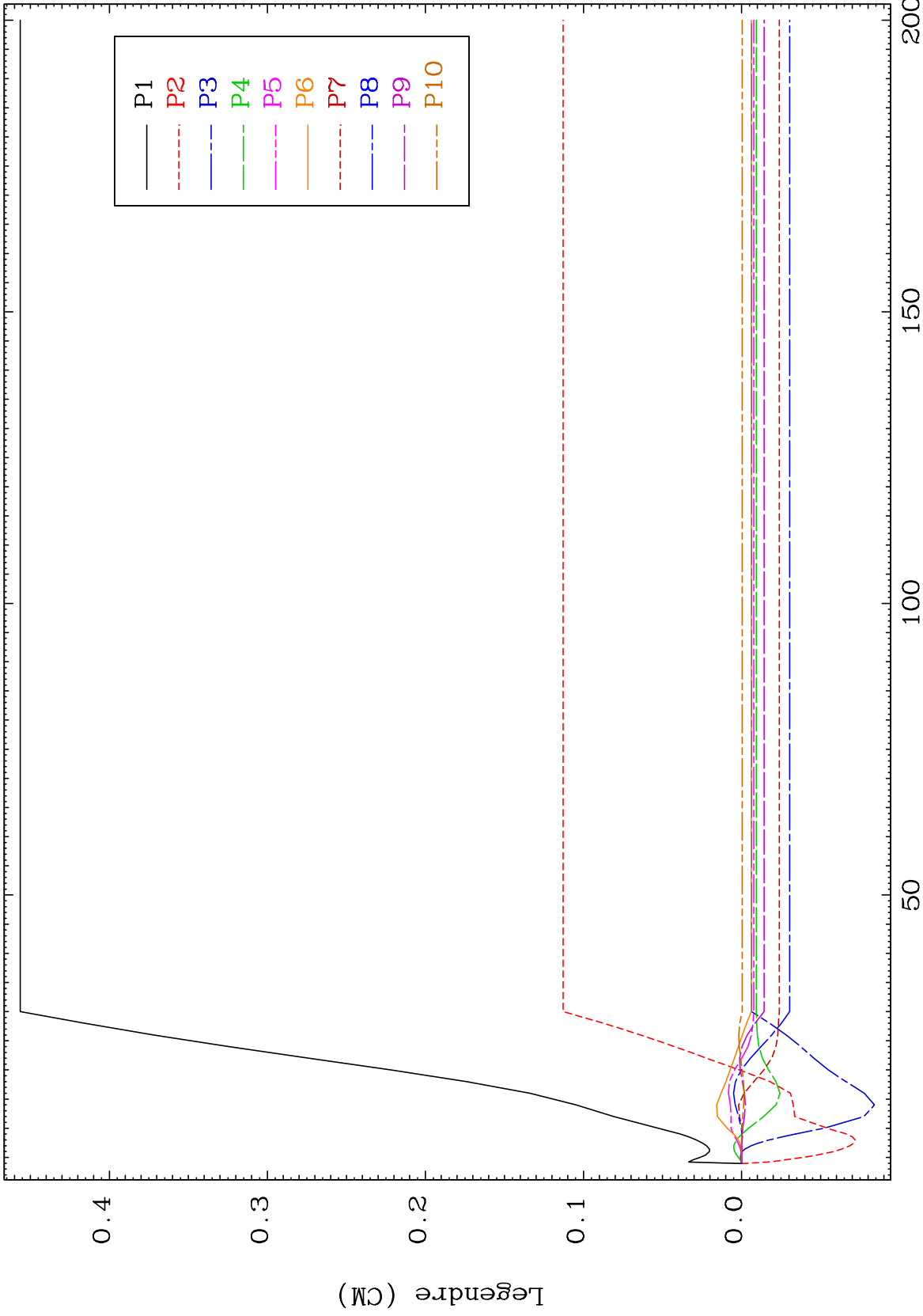


102 18-Ar-39

MAT 1834

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

18-Ar-39



103

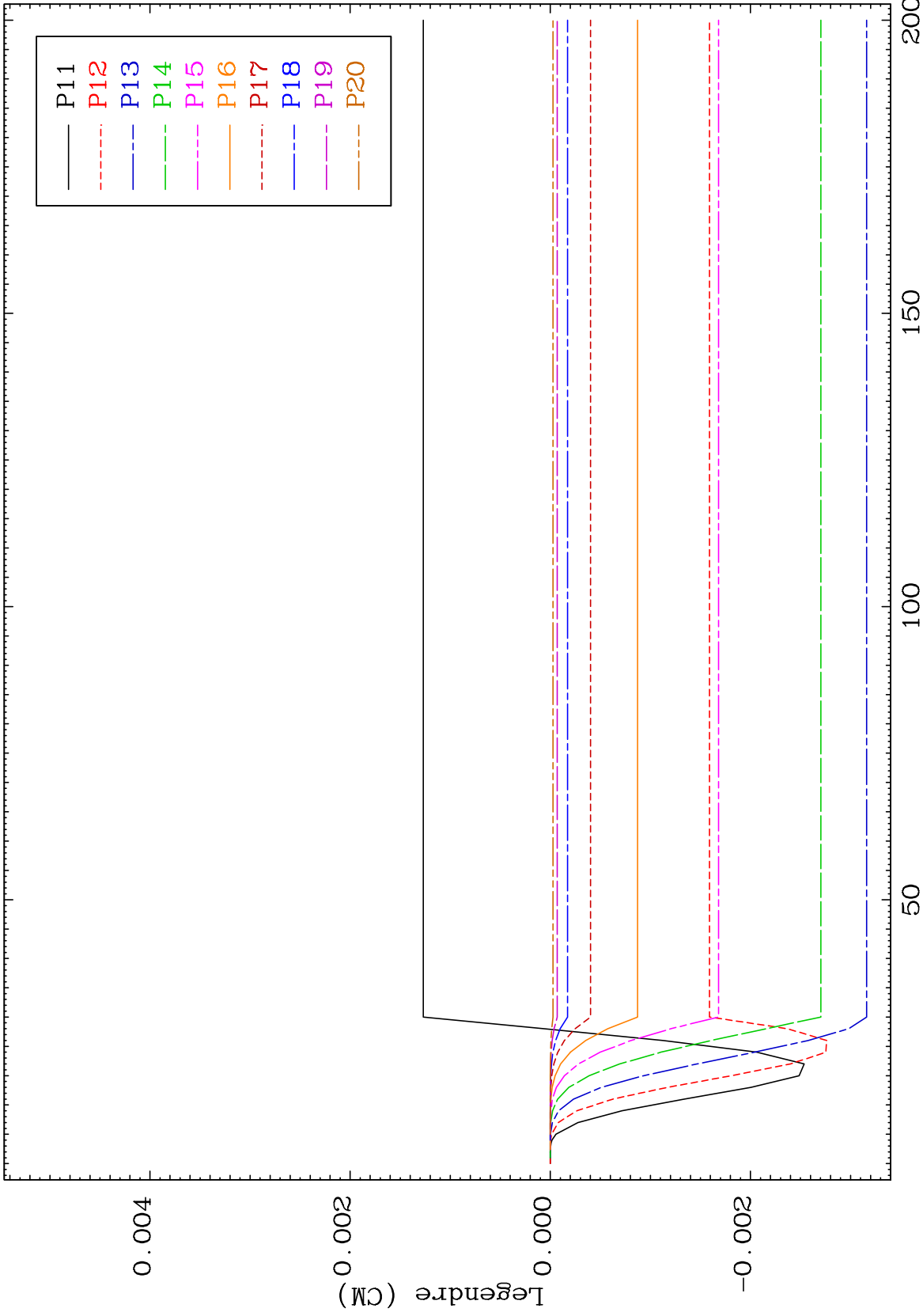
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

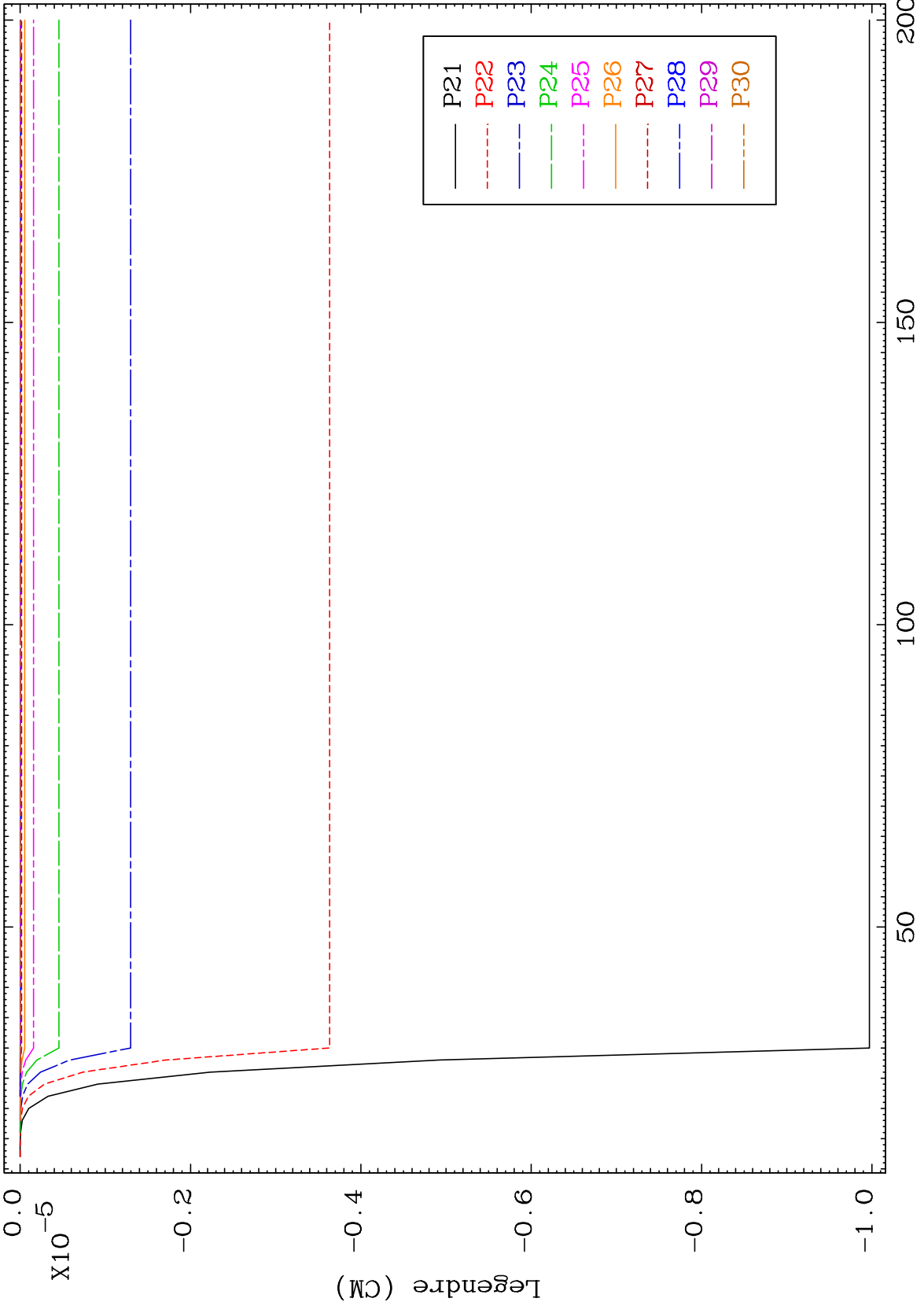


104

Incident Energy (MeV)

18-Ar-39

MAT 1834 MT= 79 (n,n') Level Legendre Coefficients 18-Ar-39

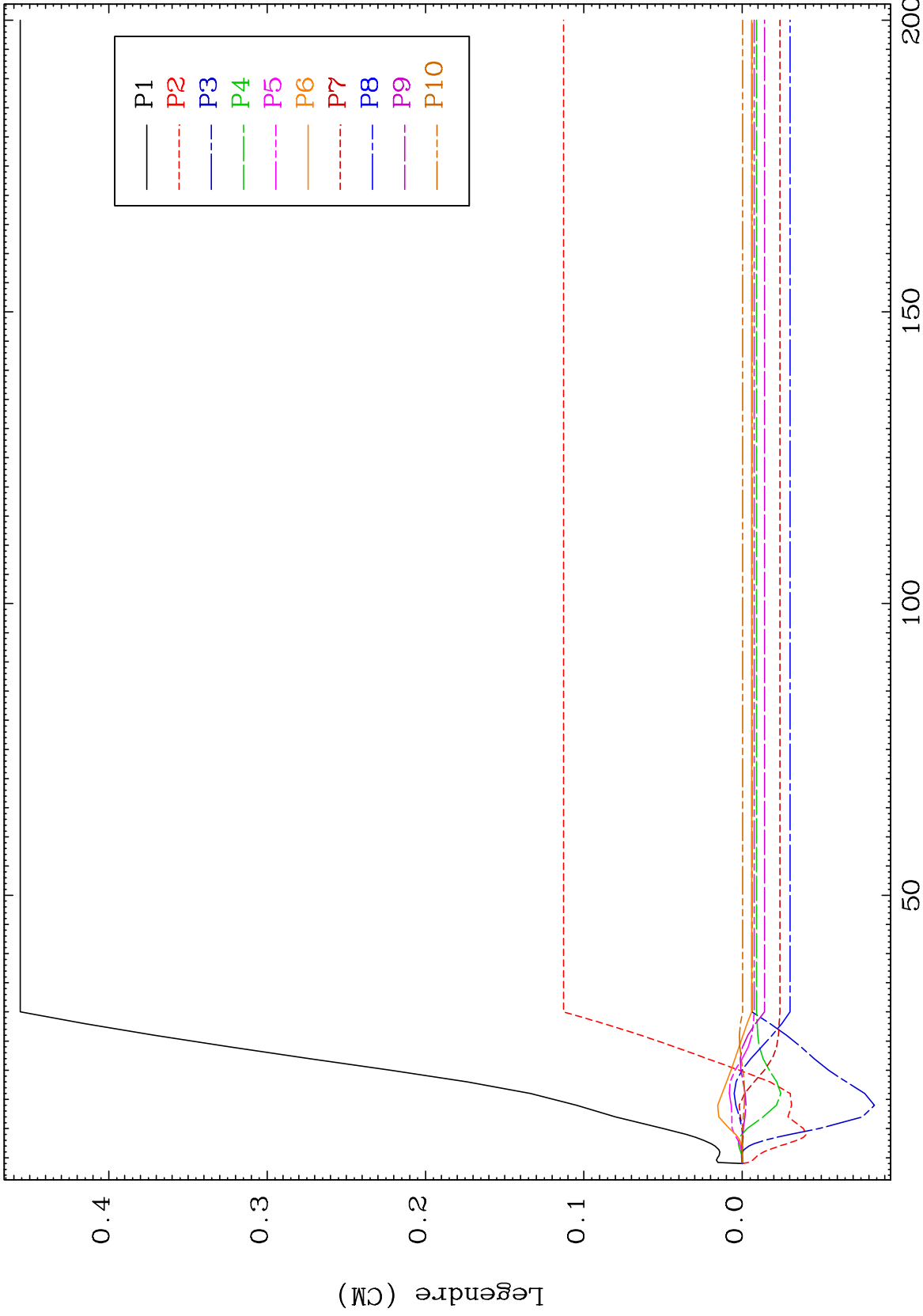


105 Incident Energy (MeV) 18-Ar-39

MAT 1834

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

18-Ar-39



106

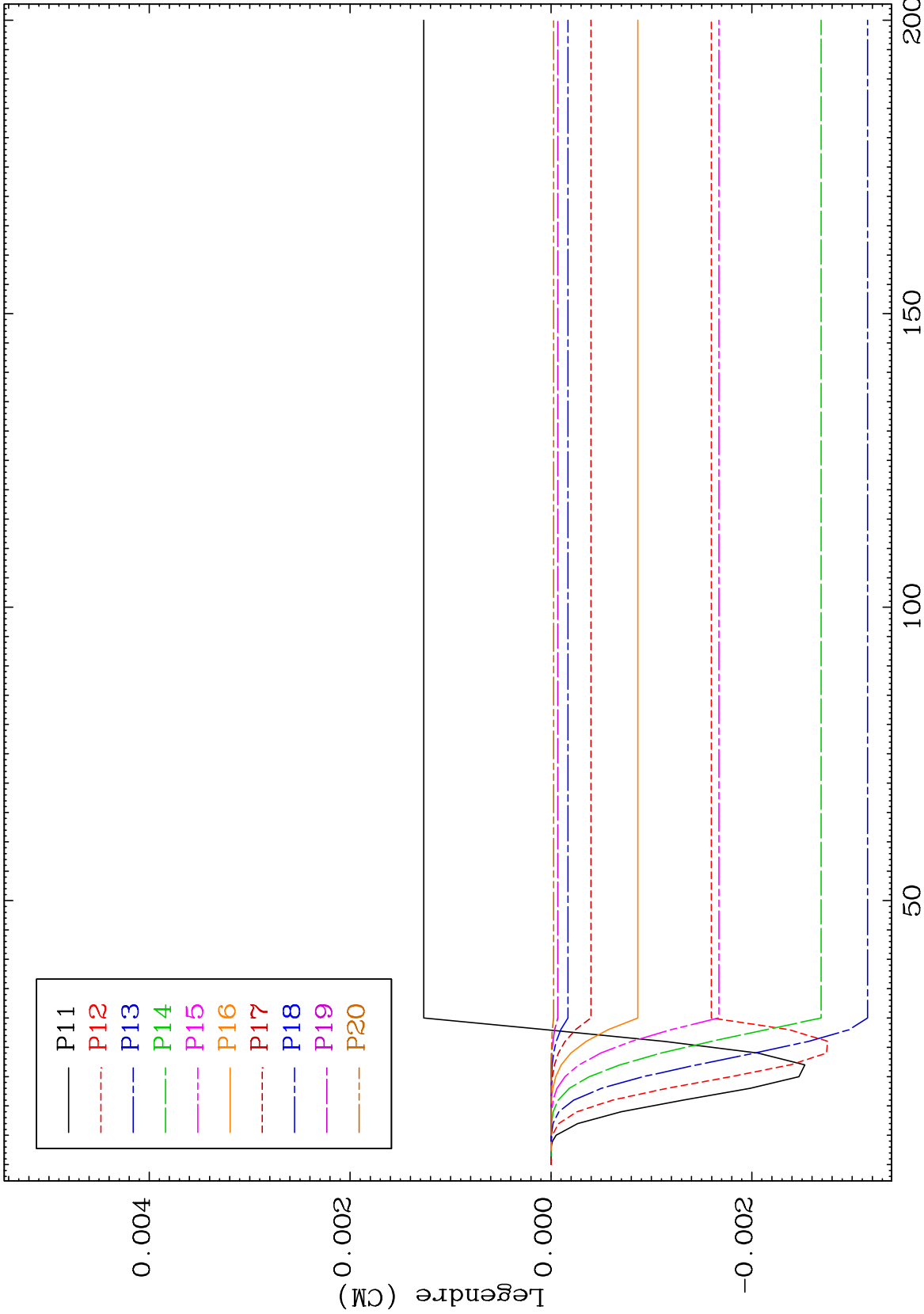
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



107

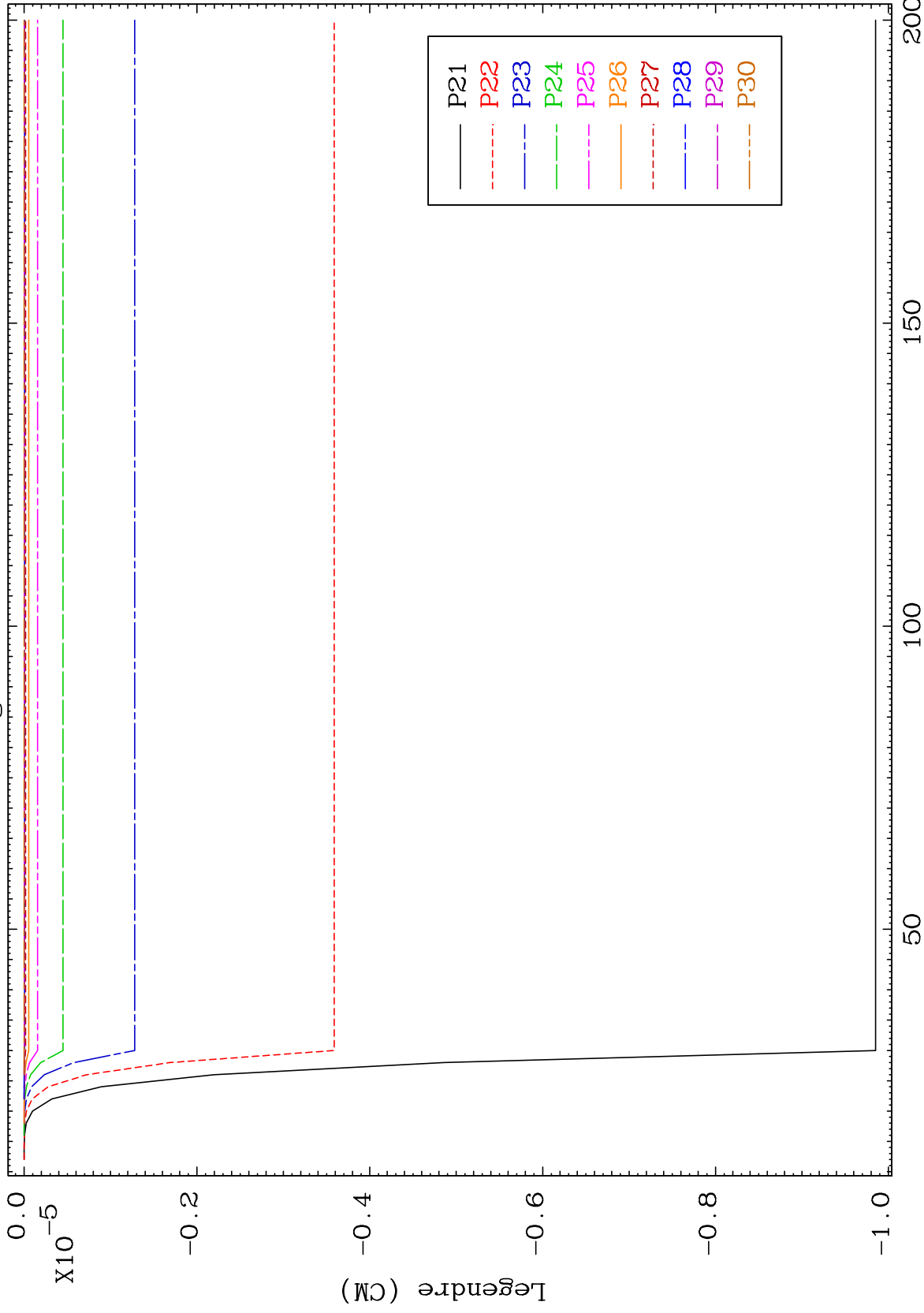
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



18-Ar-39

Incident Energy (MeV)

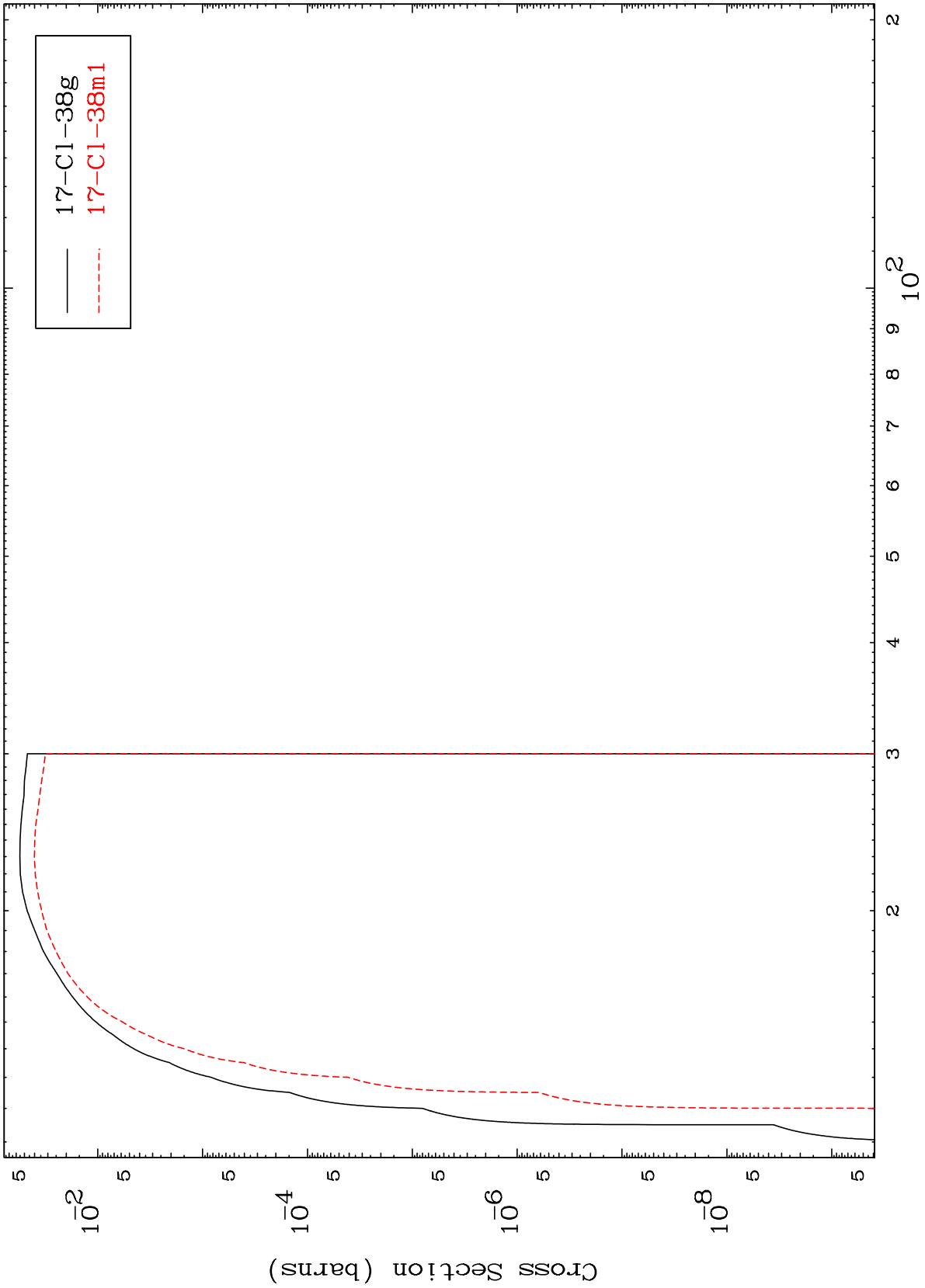
108

MAT 1834

(n,n') p

18-Ar-39

Radionuclide Production Cross Section



109

Incident Energy (MeV)

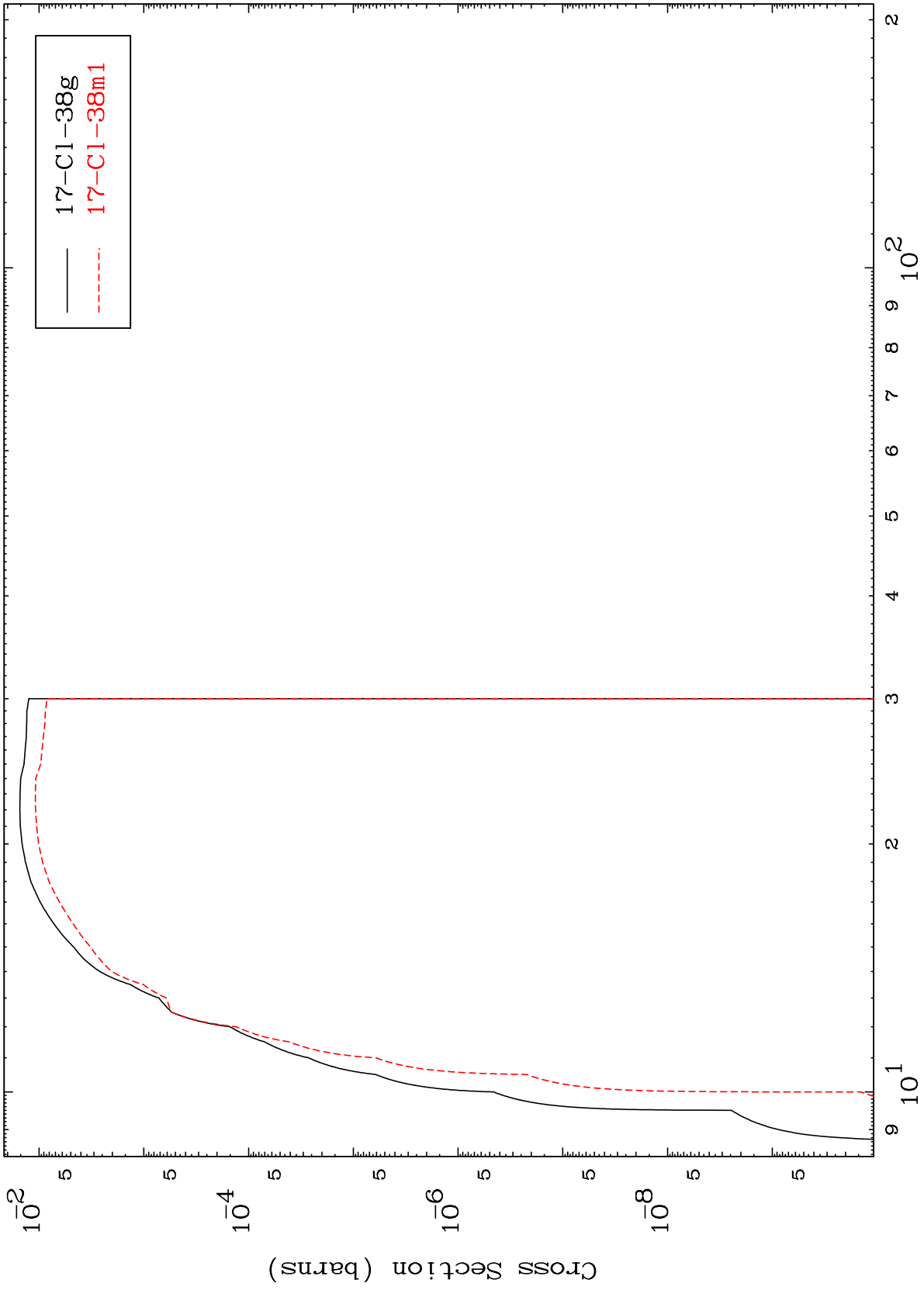
18-Ar-39

MAT 1834

(n,d)

18-Ar-39

Radionuclide Production Cross Section



110

Incident Energy (MeV)

18-Ar-39