

Program EVALPLOT  
(Version 2021-1)

by

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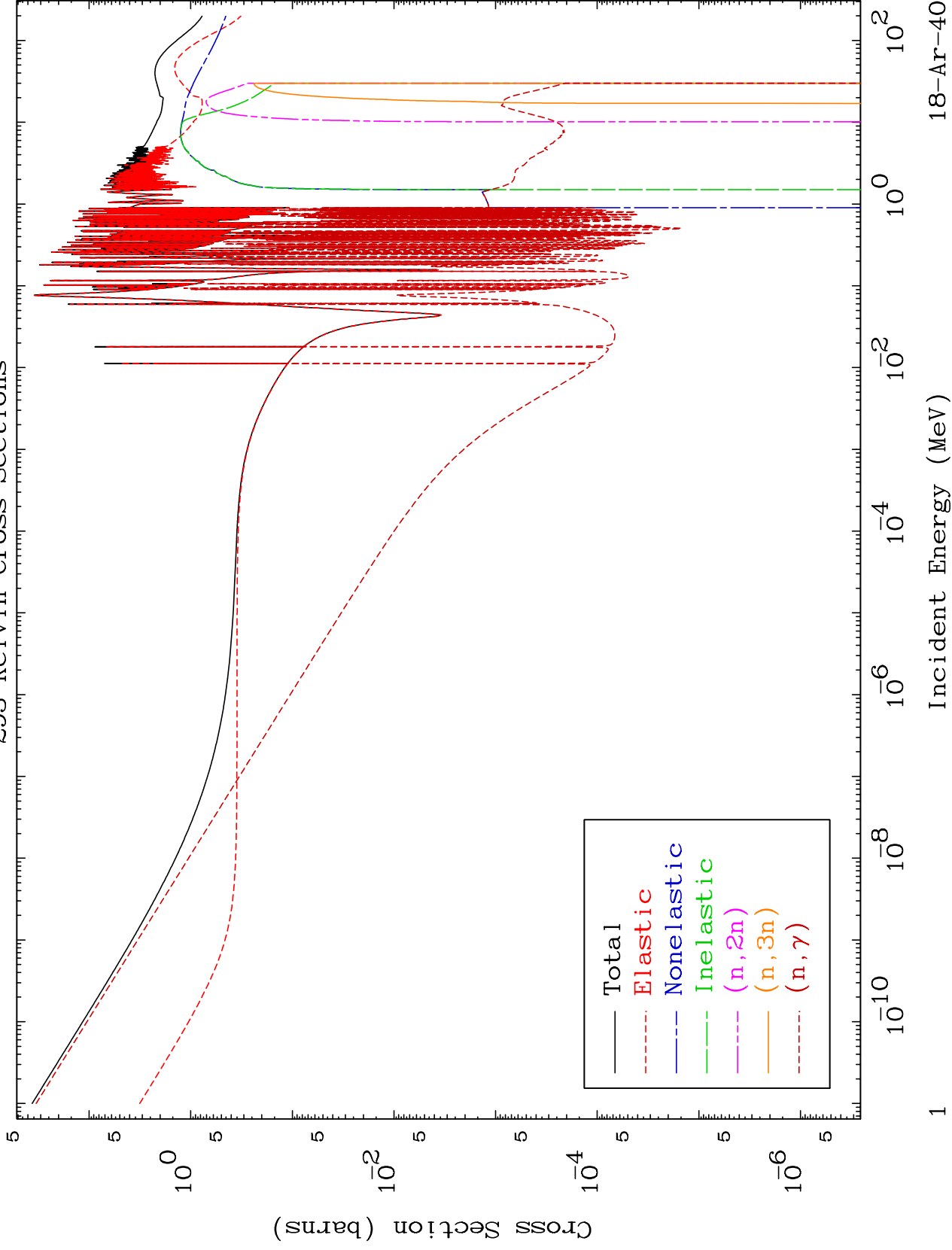
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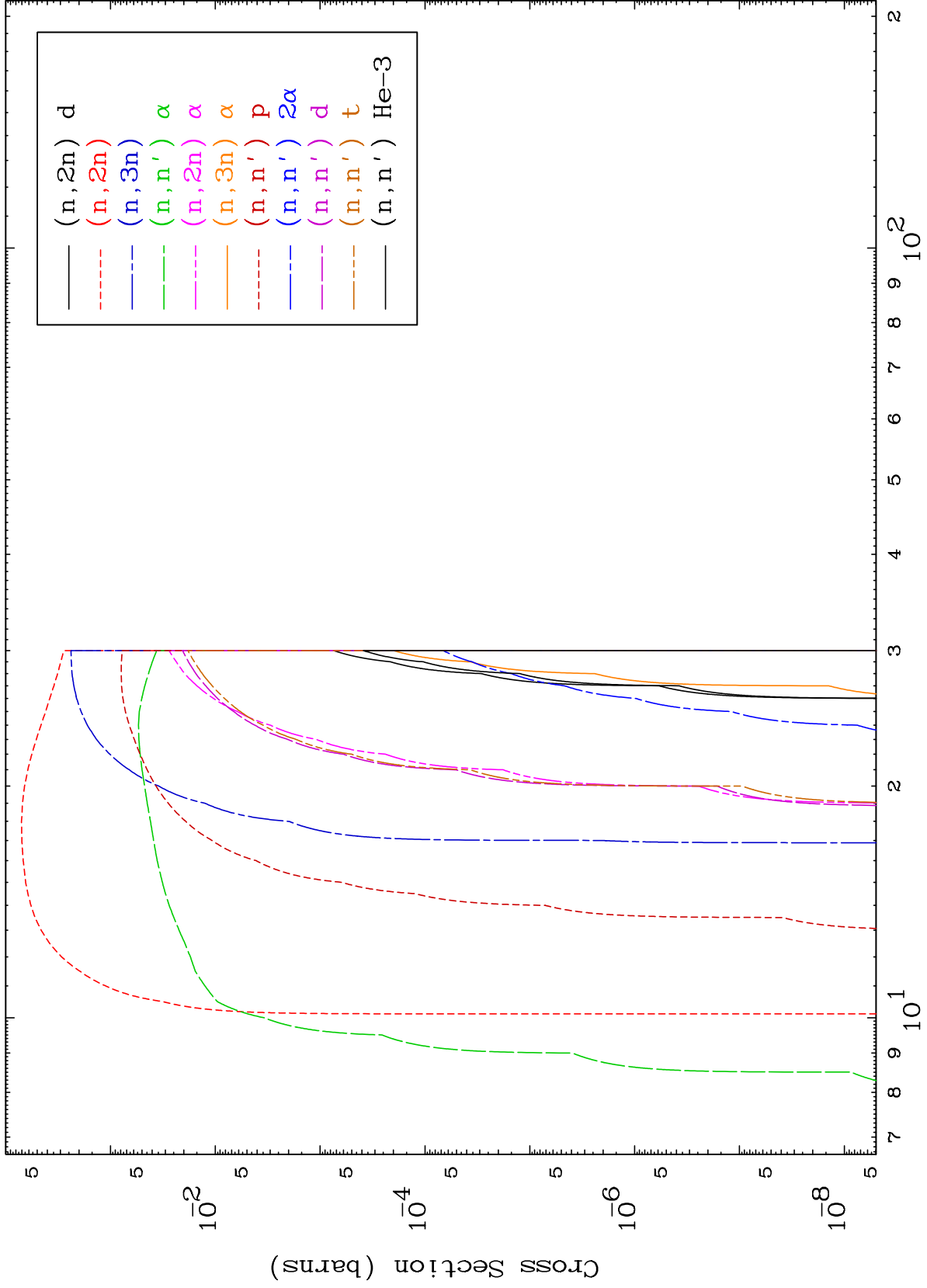
Press Mouse Button to Start

MAT 1837

Neutron Major  
293 Kelvin Cross Sections

18-Ar-40

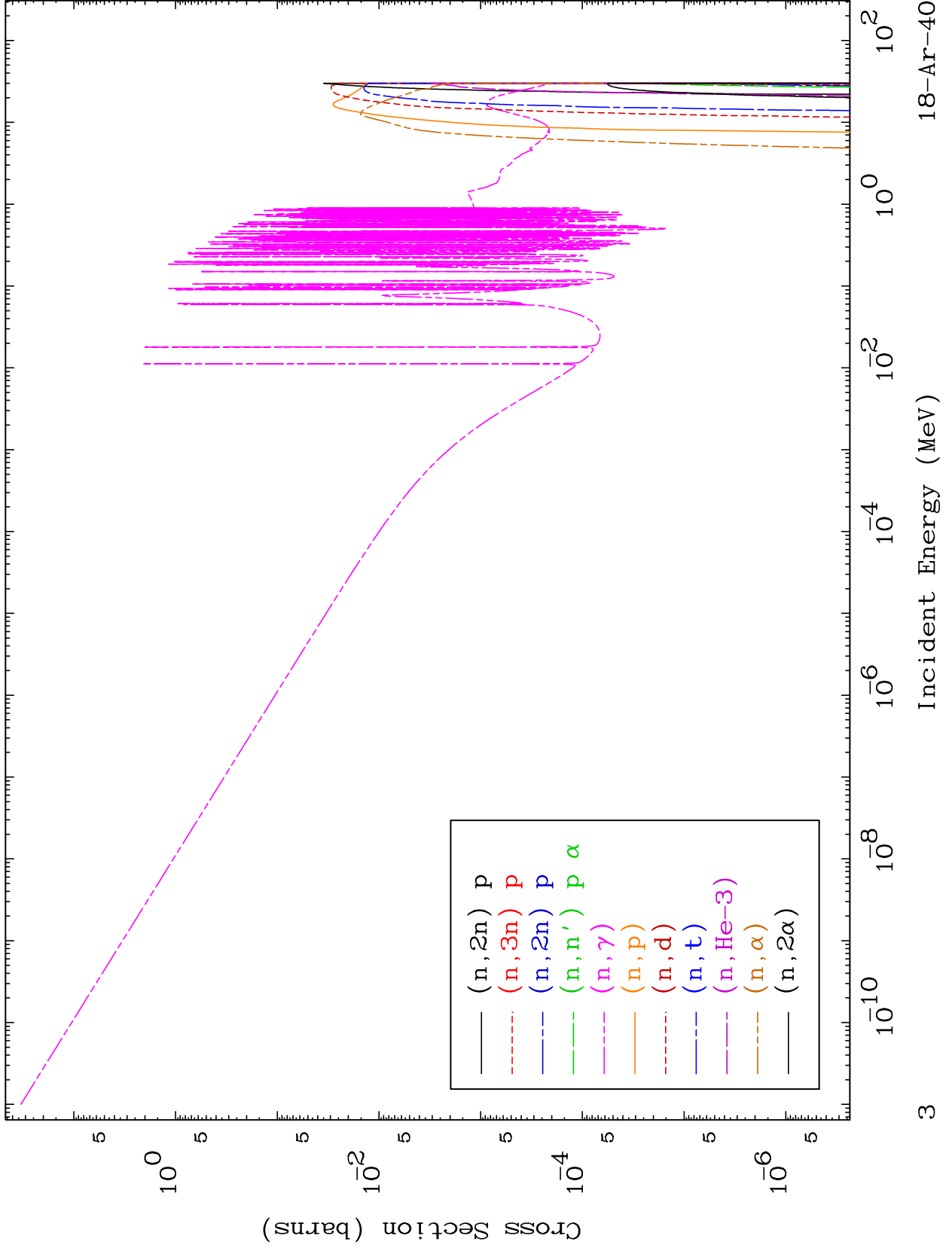


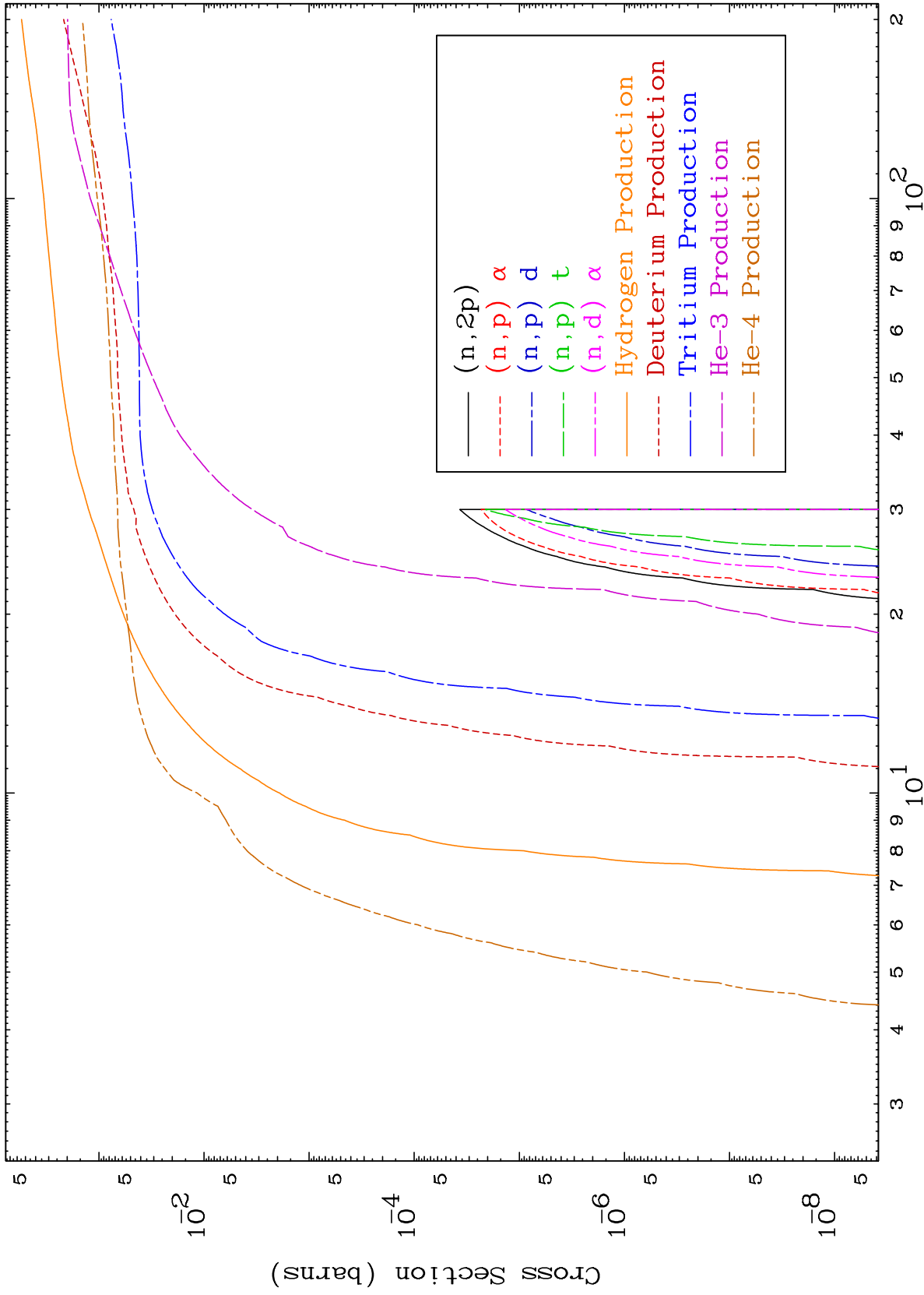


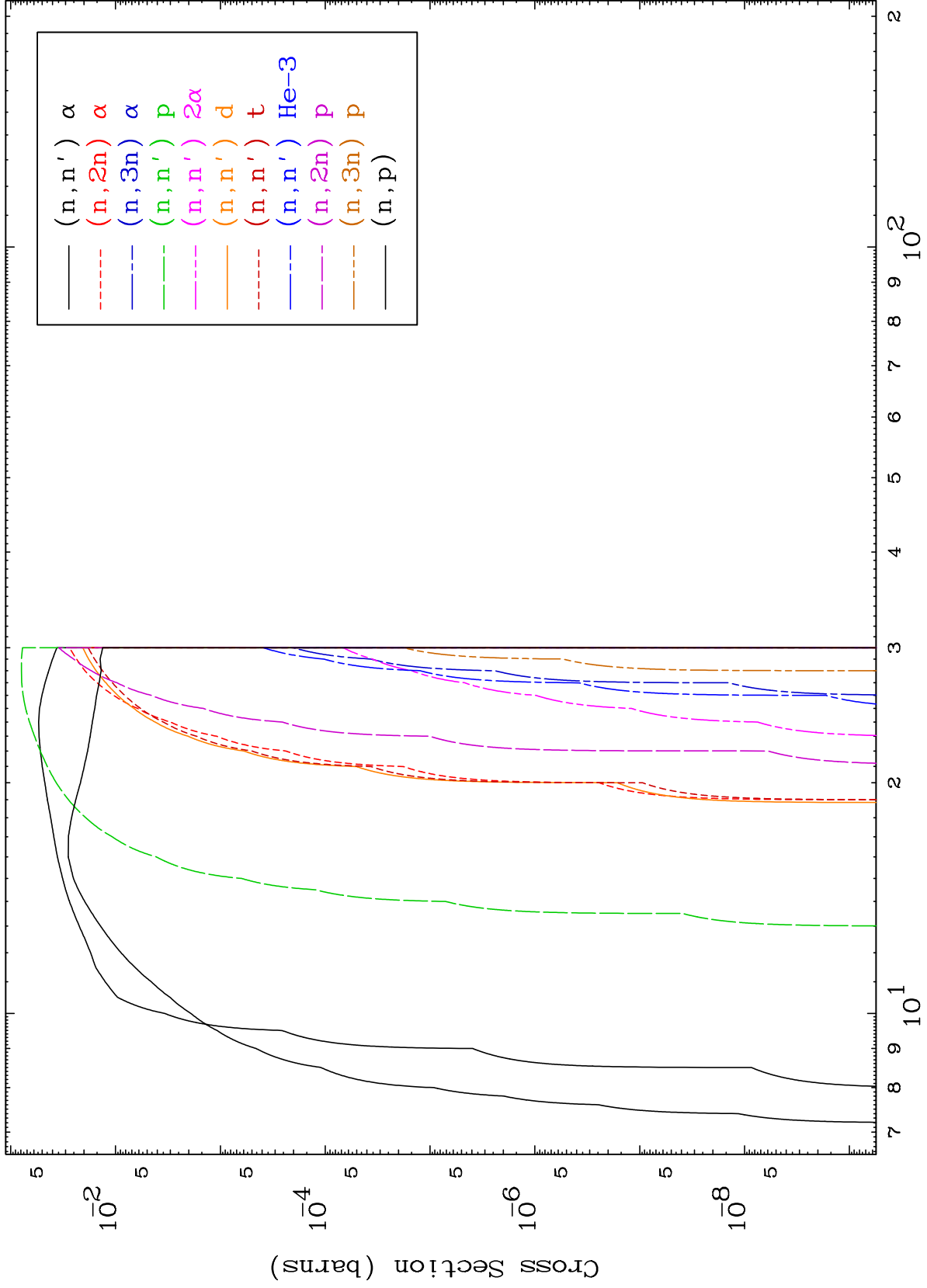
MAT 1837

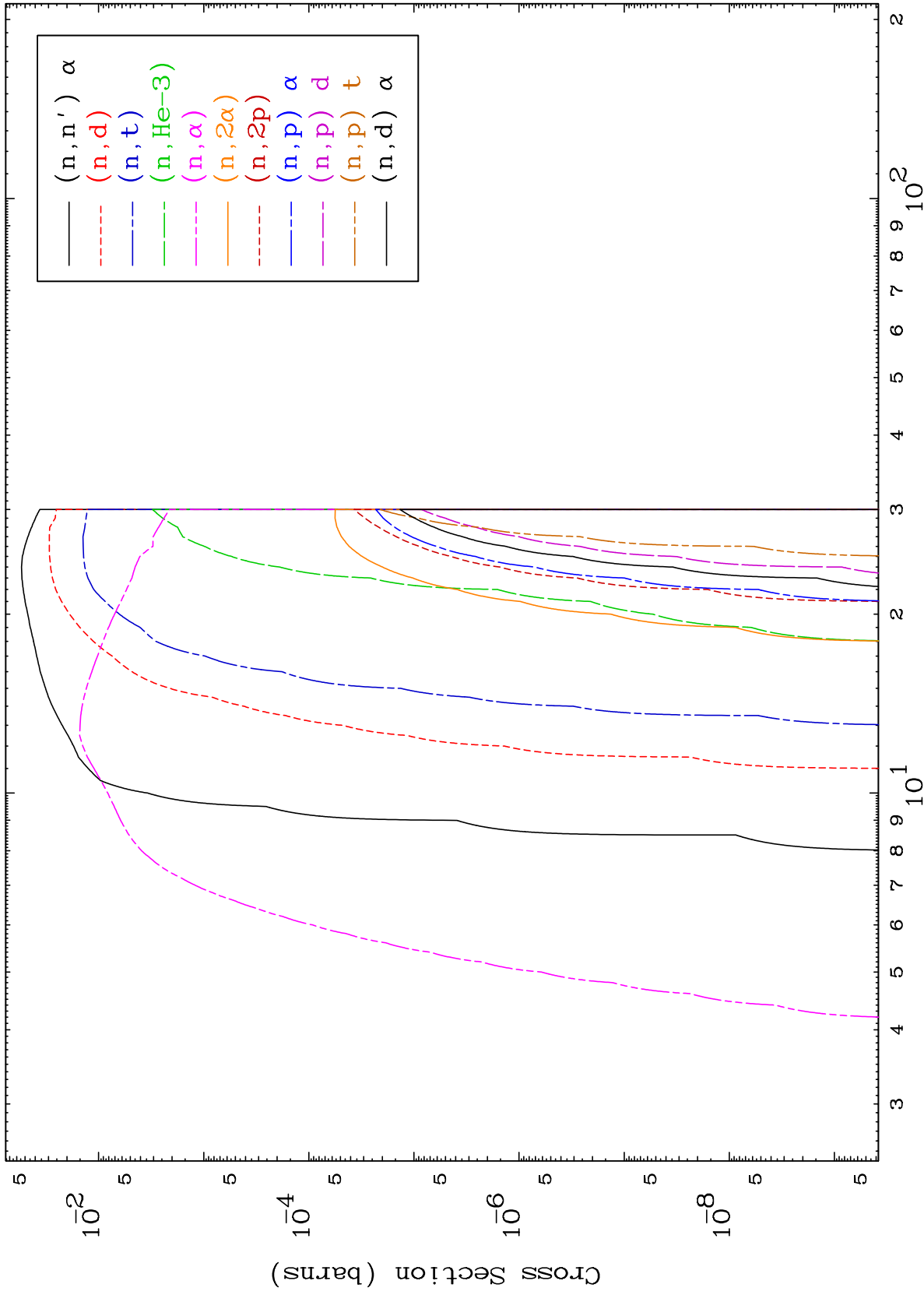
Neutron Absorption  
293 Kelvin Cross Sections

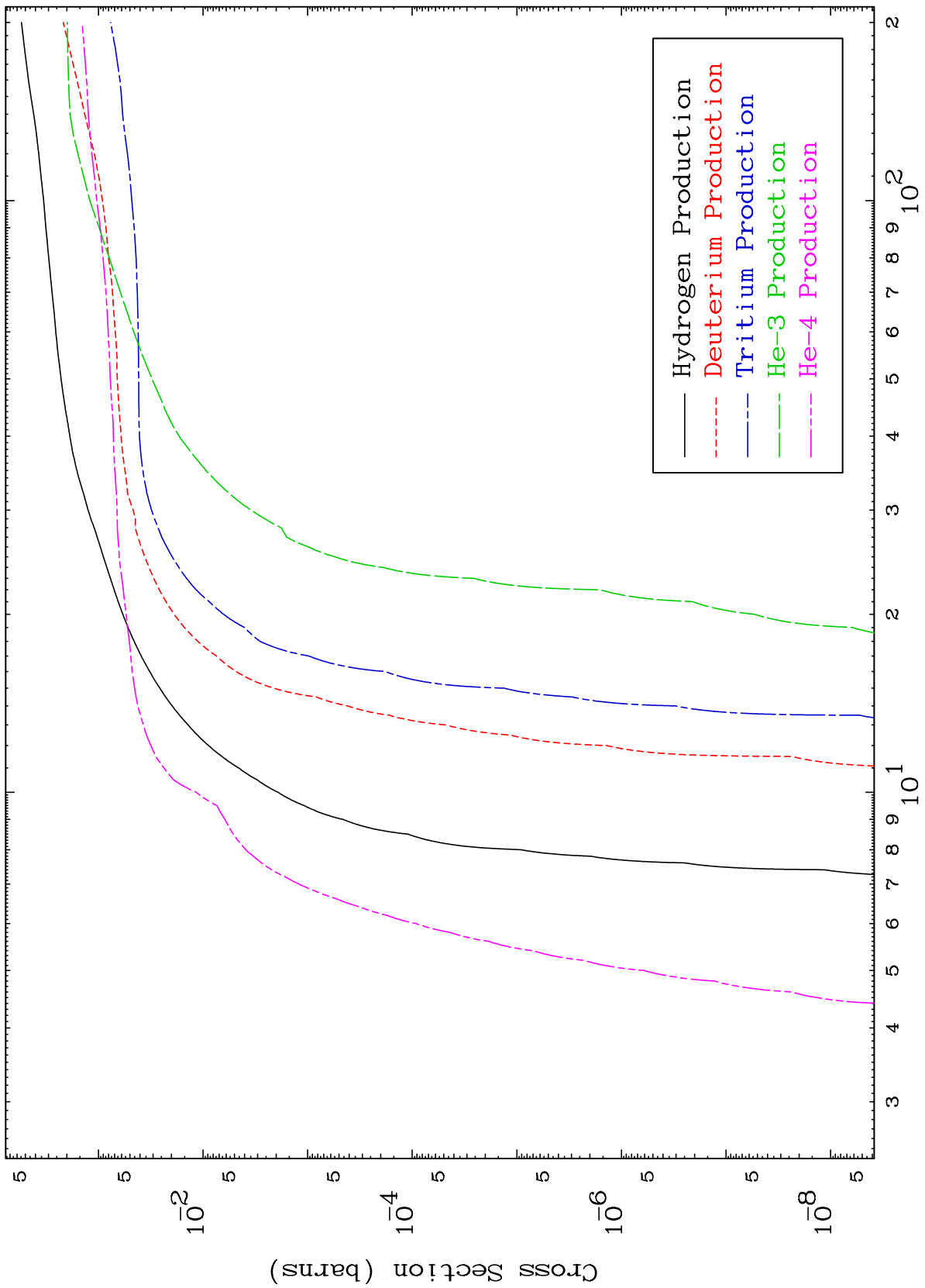
18-Ar-40











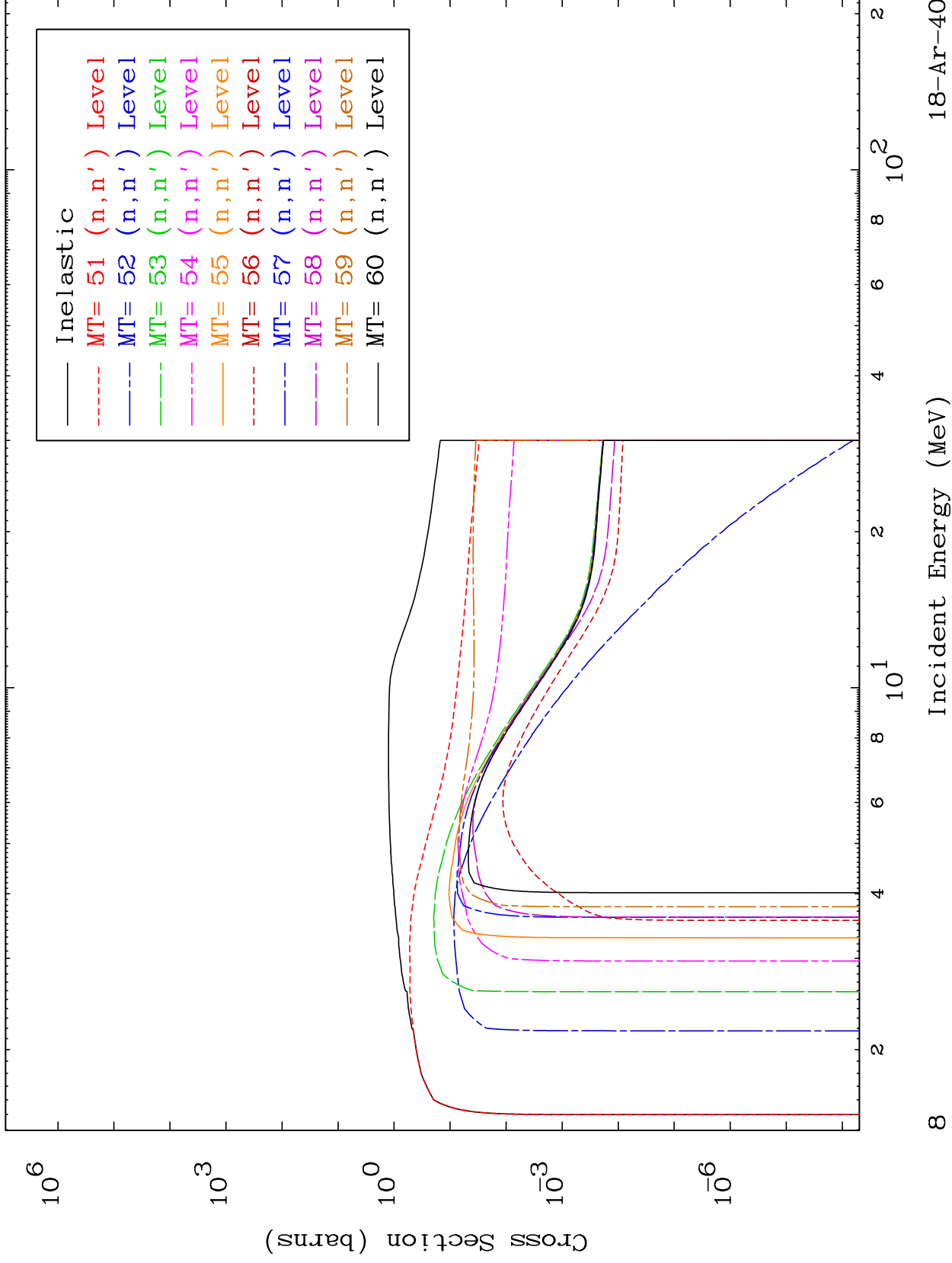


MAT 1837

(n,n') Levels

293 Kelvin Cross Sections

18-Ar-40

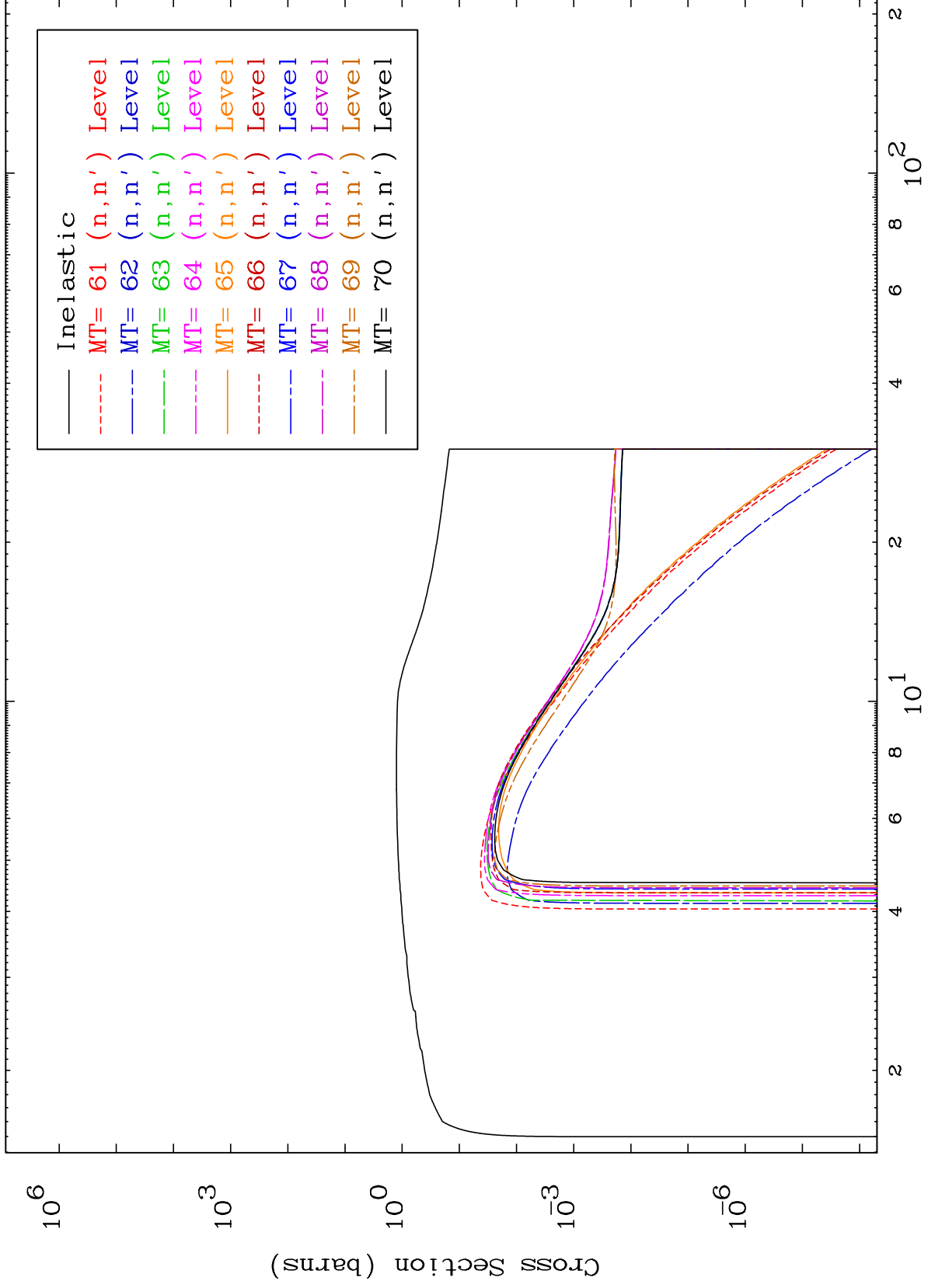


8

Incident Energy (MeV)

18-Ar-40

293 Kelvin Cross Sections

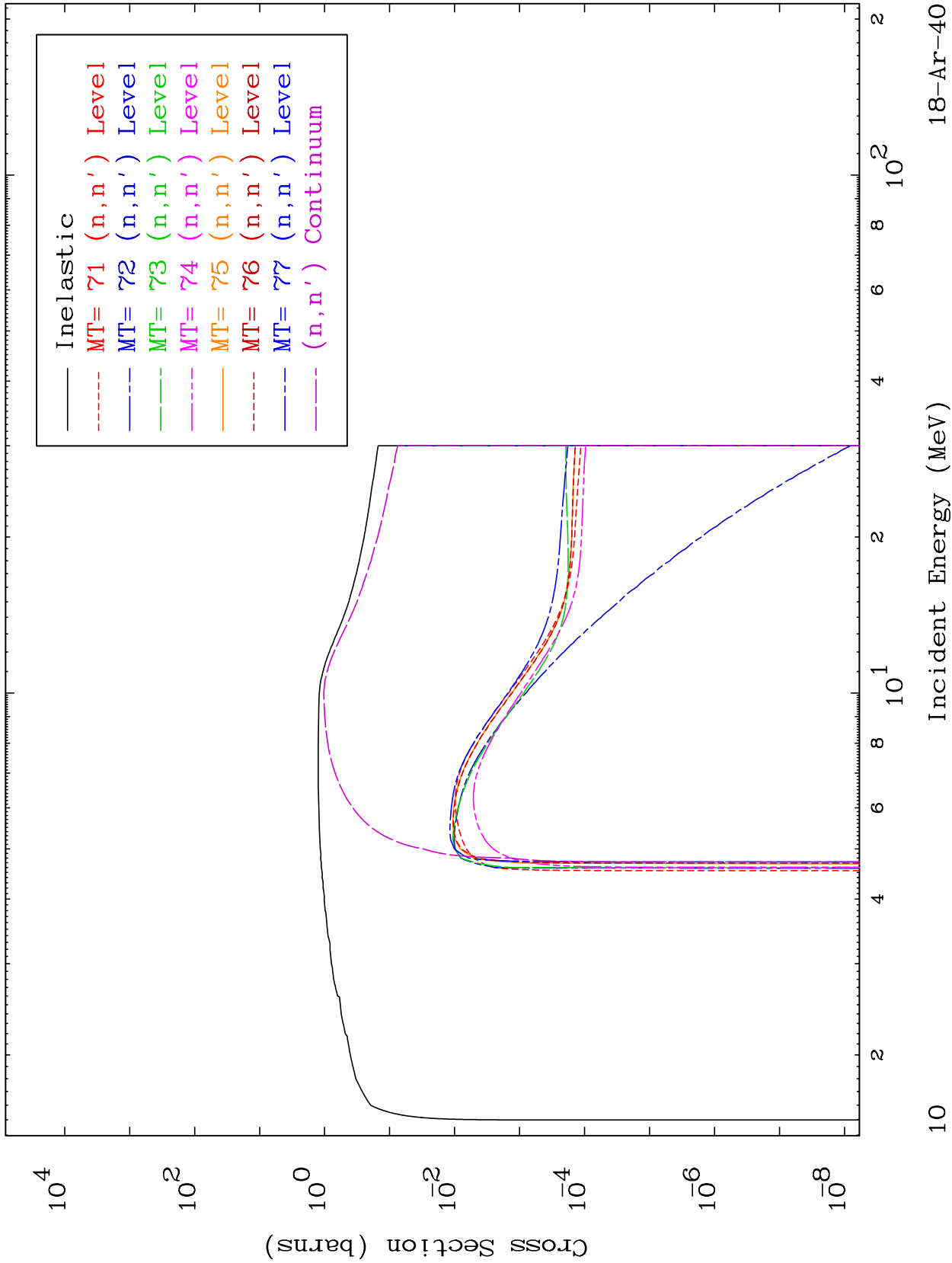


MAT 1837

(n,n') Levels

293 Kelvin Cross Sections

18-Ar-40



10

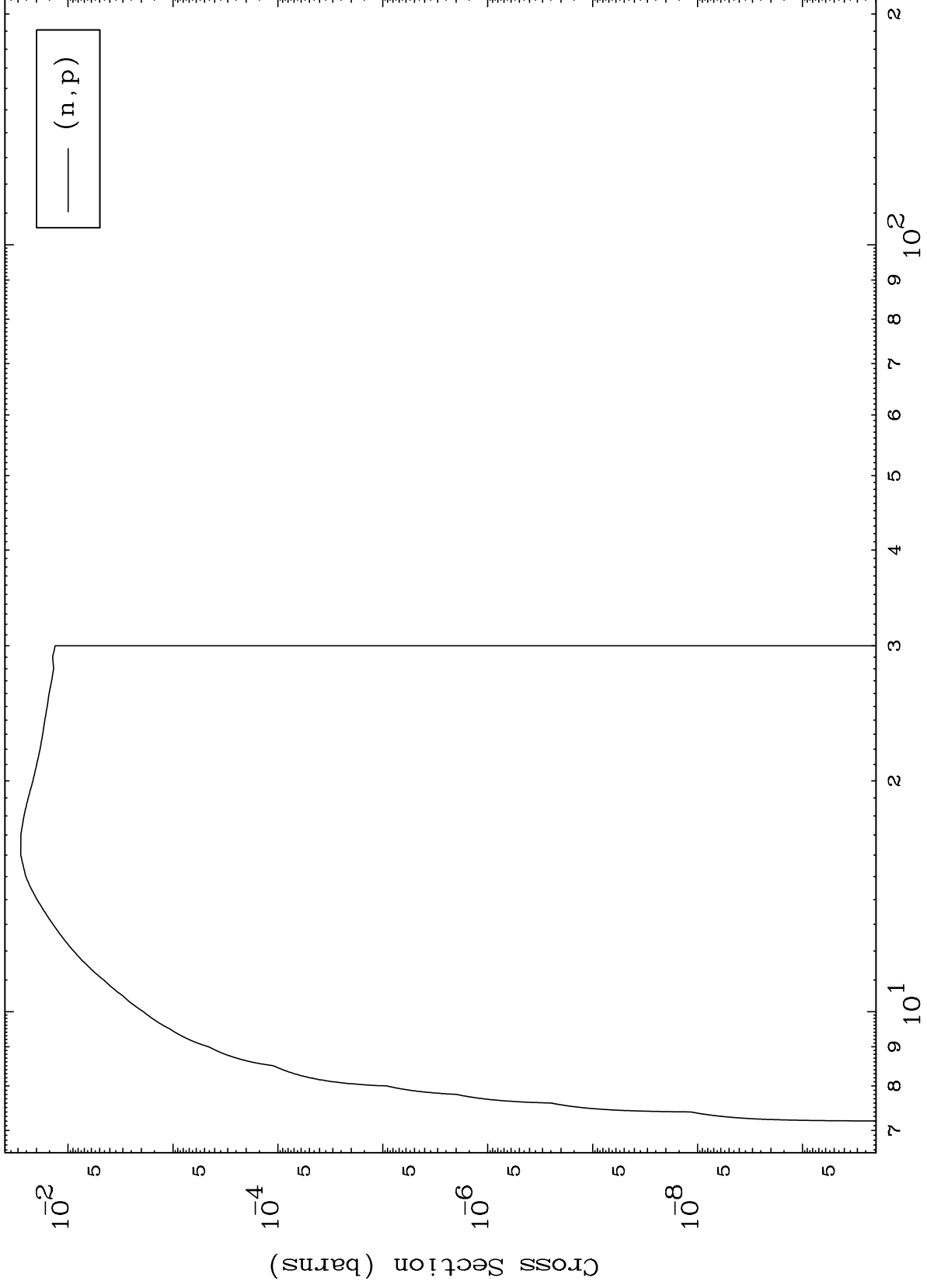
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,p) Levels  
293 Kelvin Cross Sections

18-Ar-40



11

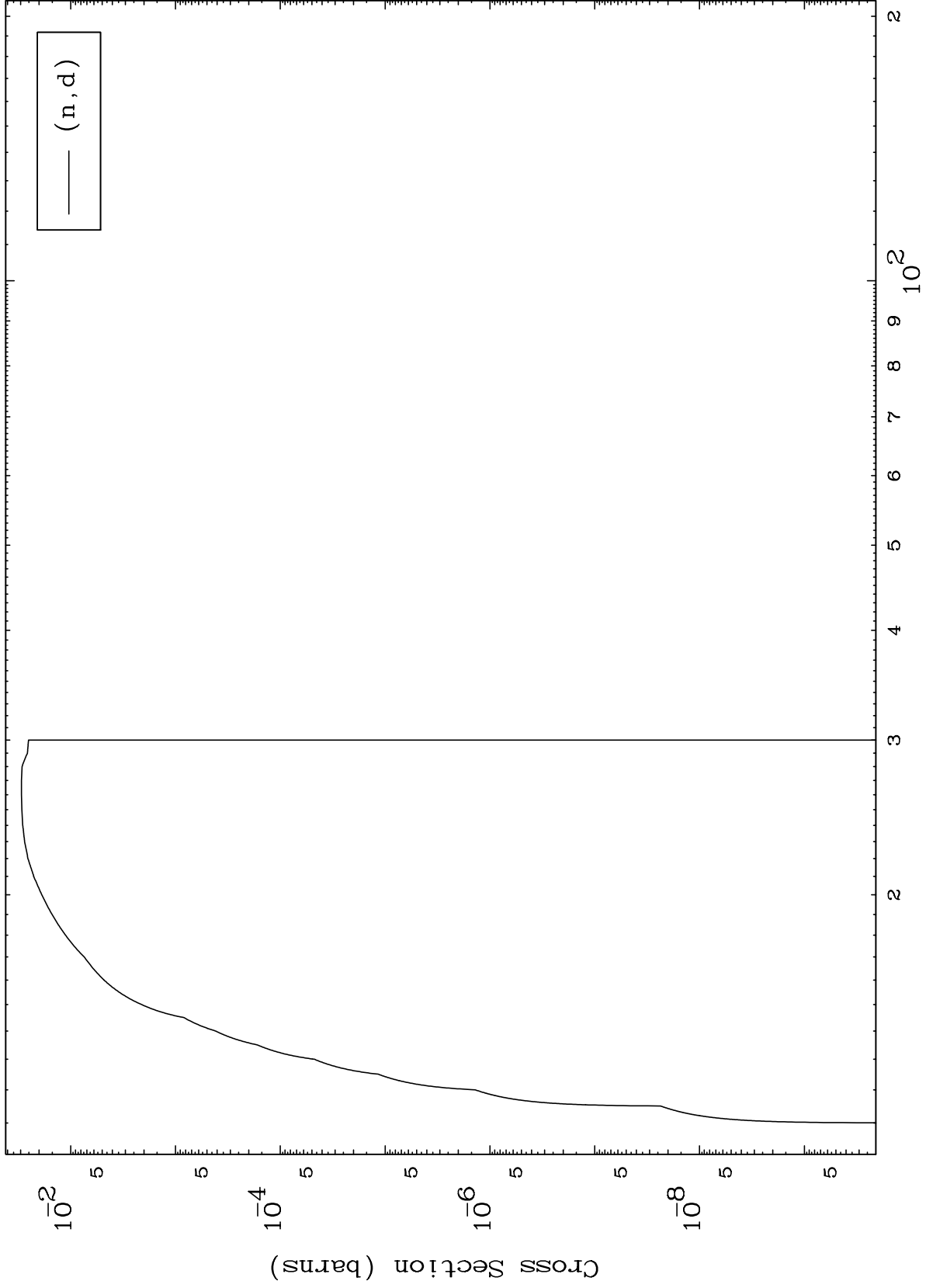
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,d) Levels  
293 Kelvin Cross Sections

18-Ar-40



12

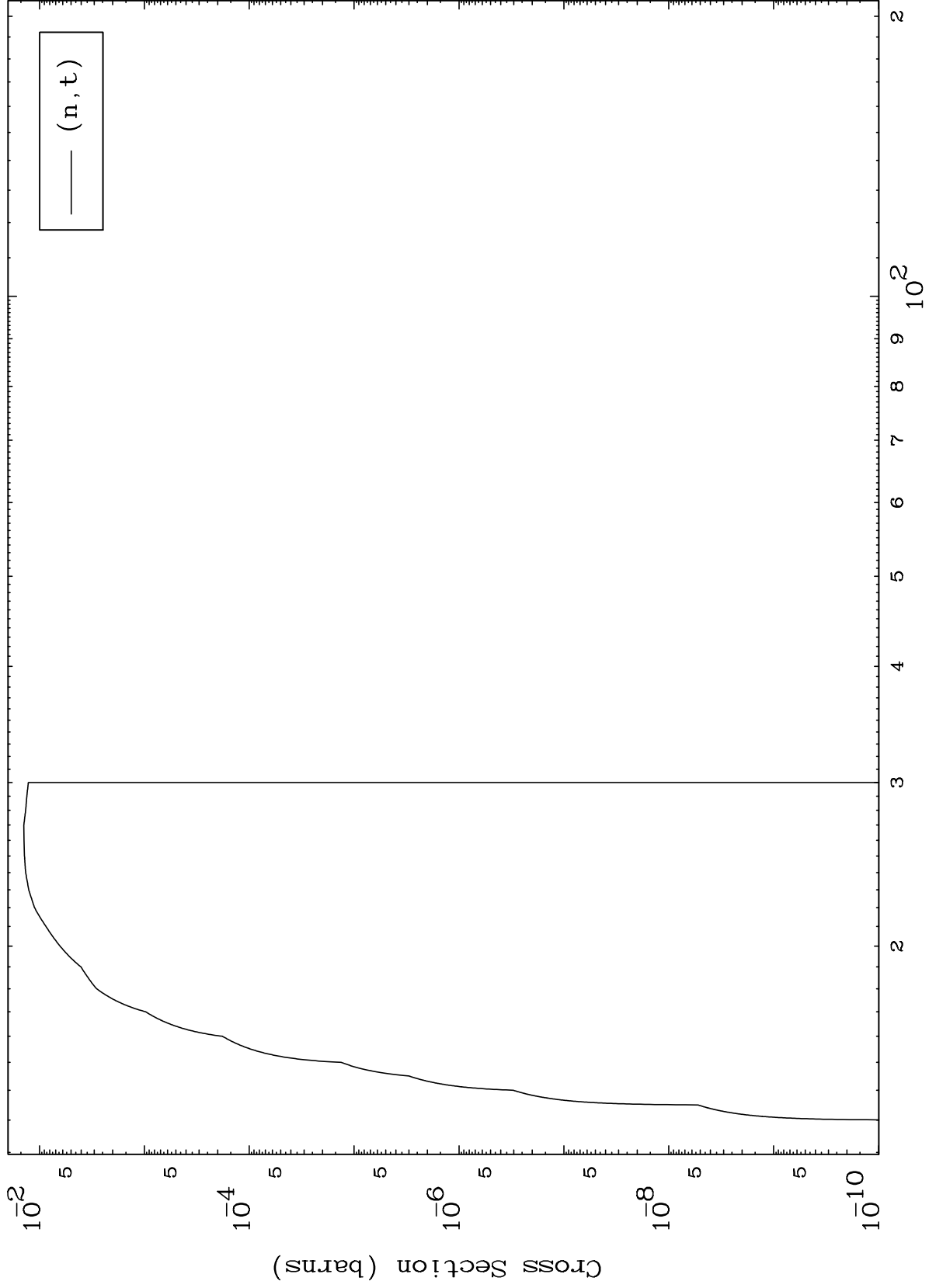
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,t) Levels  
293 Kelvin Cross Sections

18-Ar-40



13

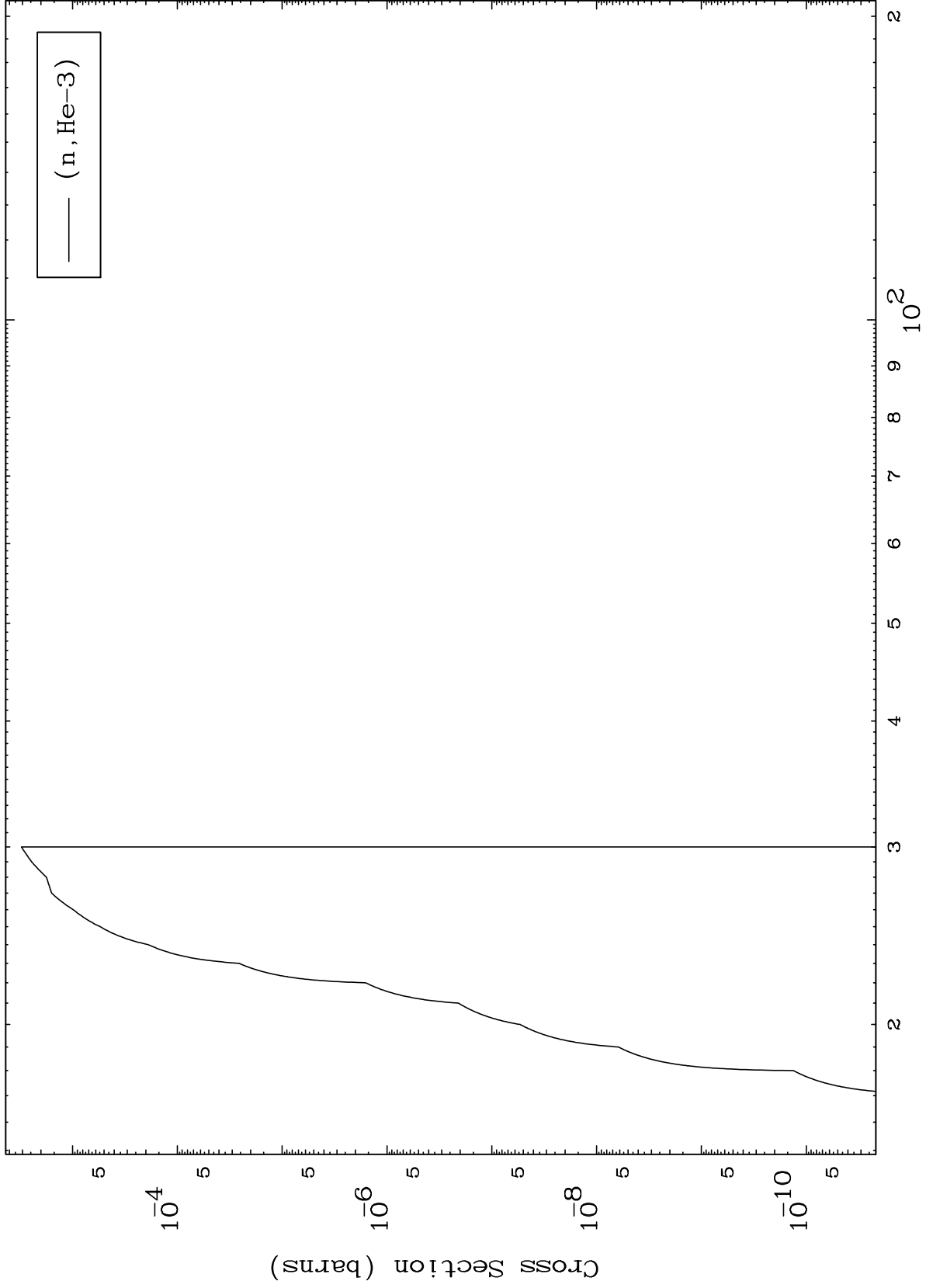
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,He3) Levels  
293 Kelvin Cross Sections

18-Ar-40



14

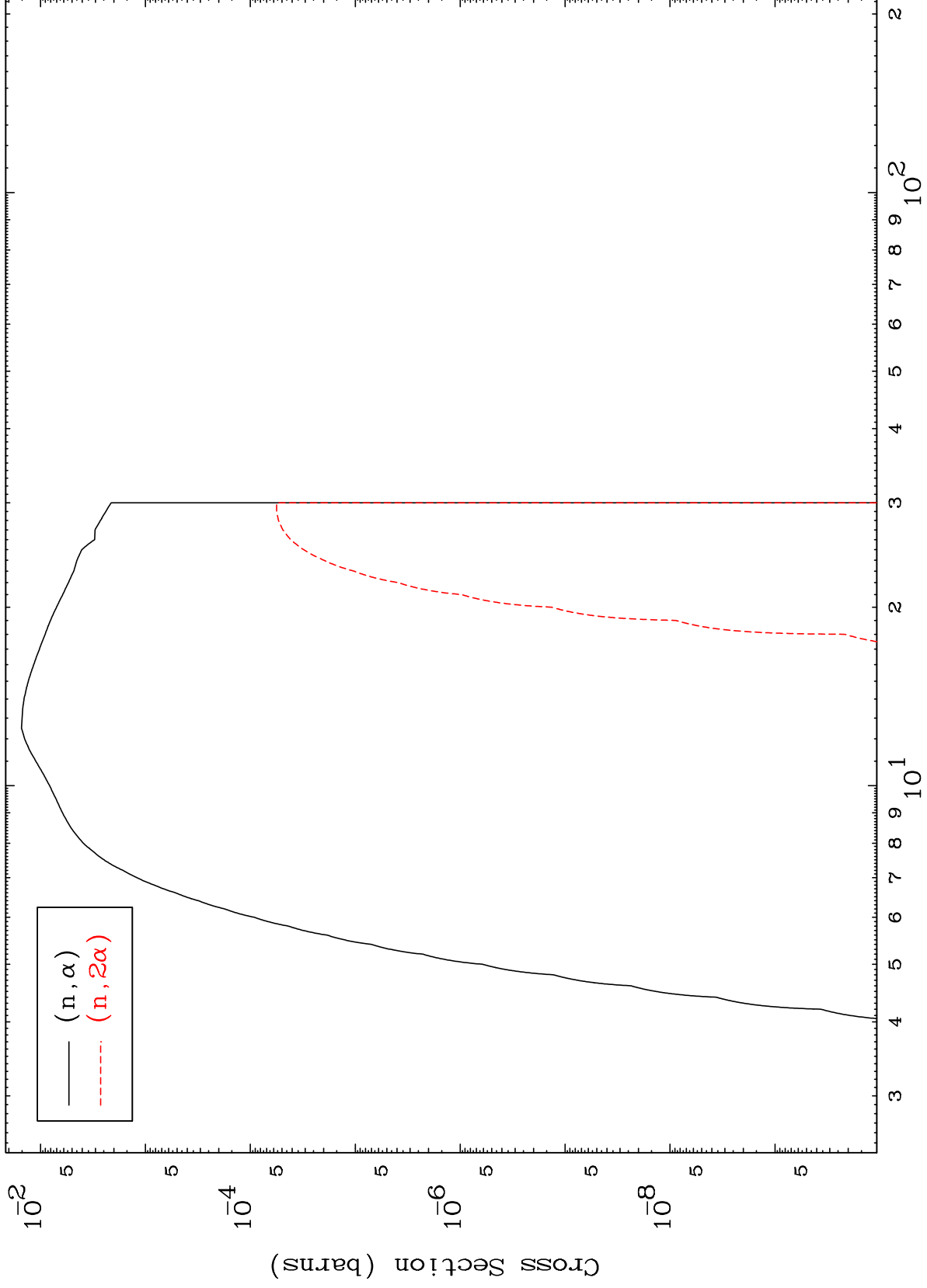
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



15

Incident Energy (MeV)

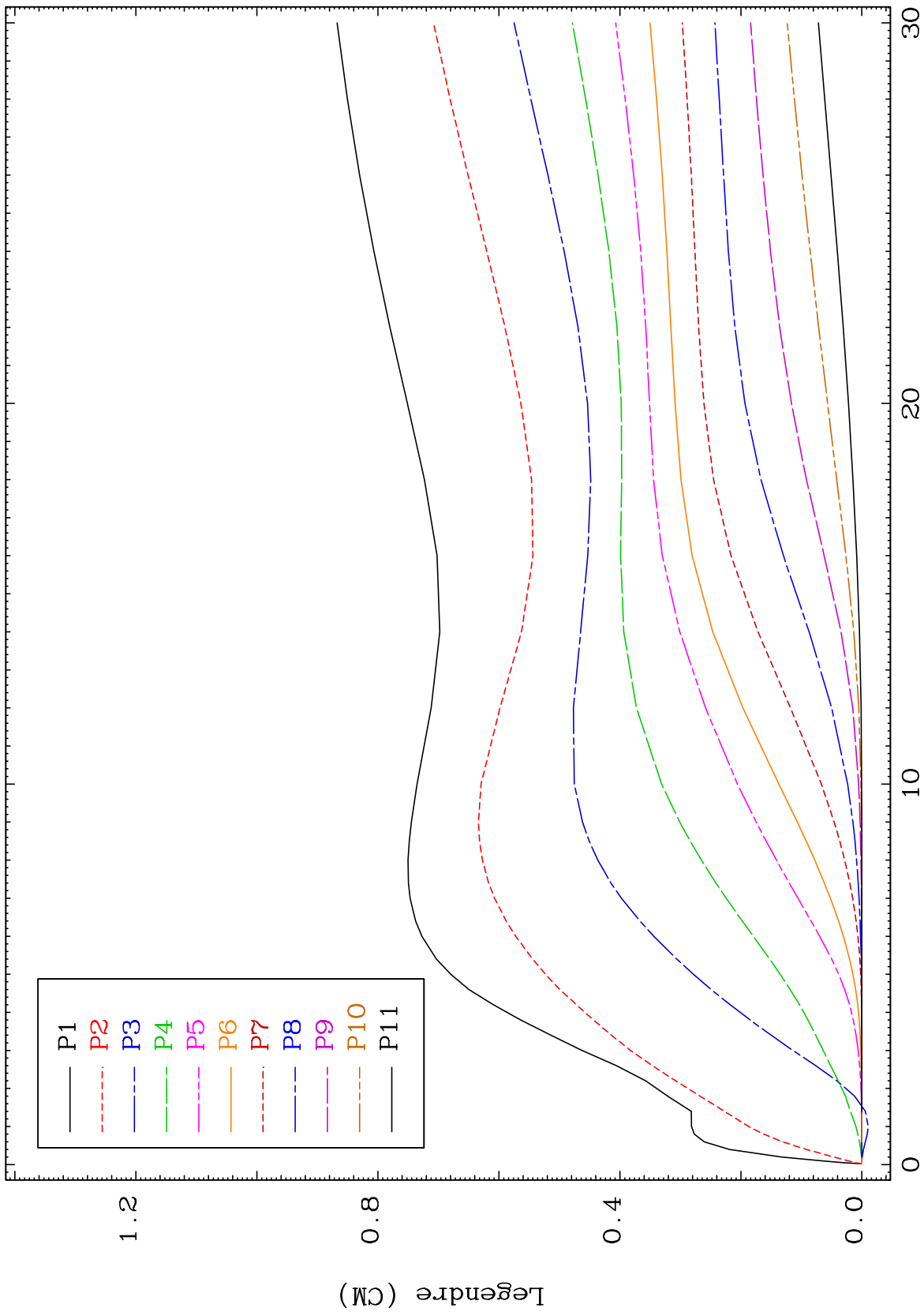
18-Ar-40



MAT 1837

Elastic Legendre Coefficients

18-Ar-40



16

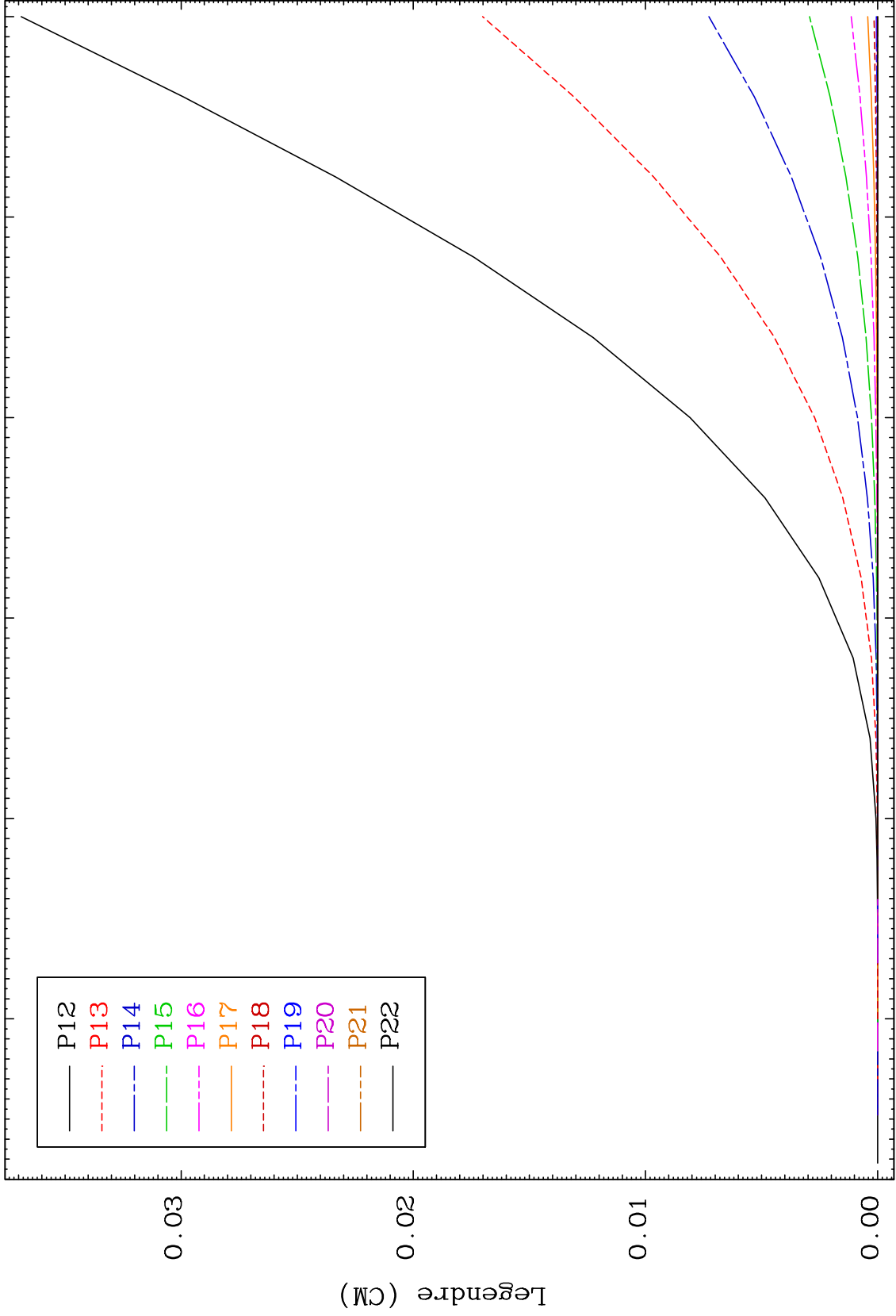
Incident Energy (MeV)

18-Ar-40

MAT 1837

Elastic  
Legendre Coefficients

18-Ar-40



17

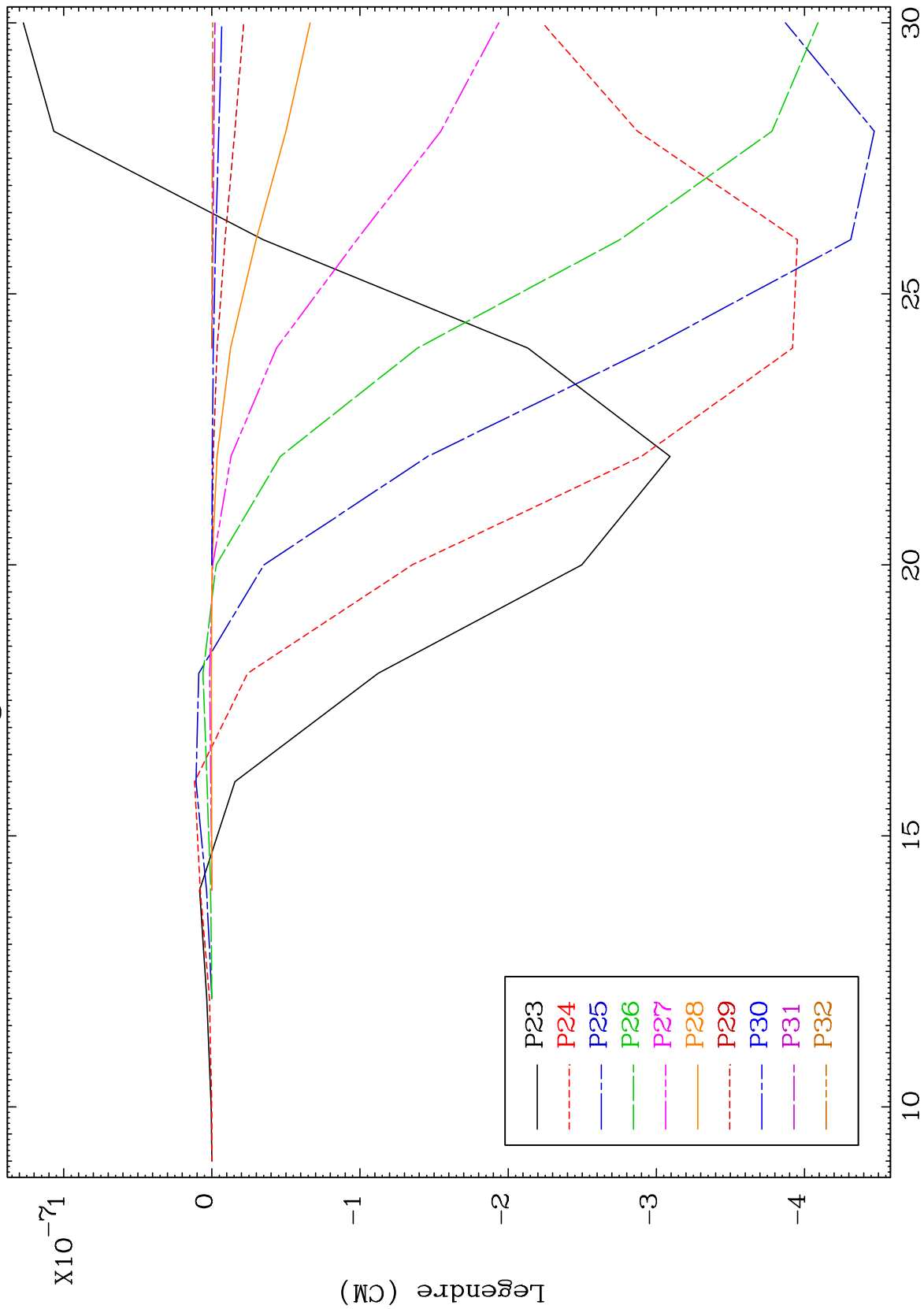
Incident Energy (MeV)

18-Ar-40

MAT 1837

Elastic Legendre Coefficients

18-Ar-40



18

Incident Energy (MeV)

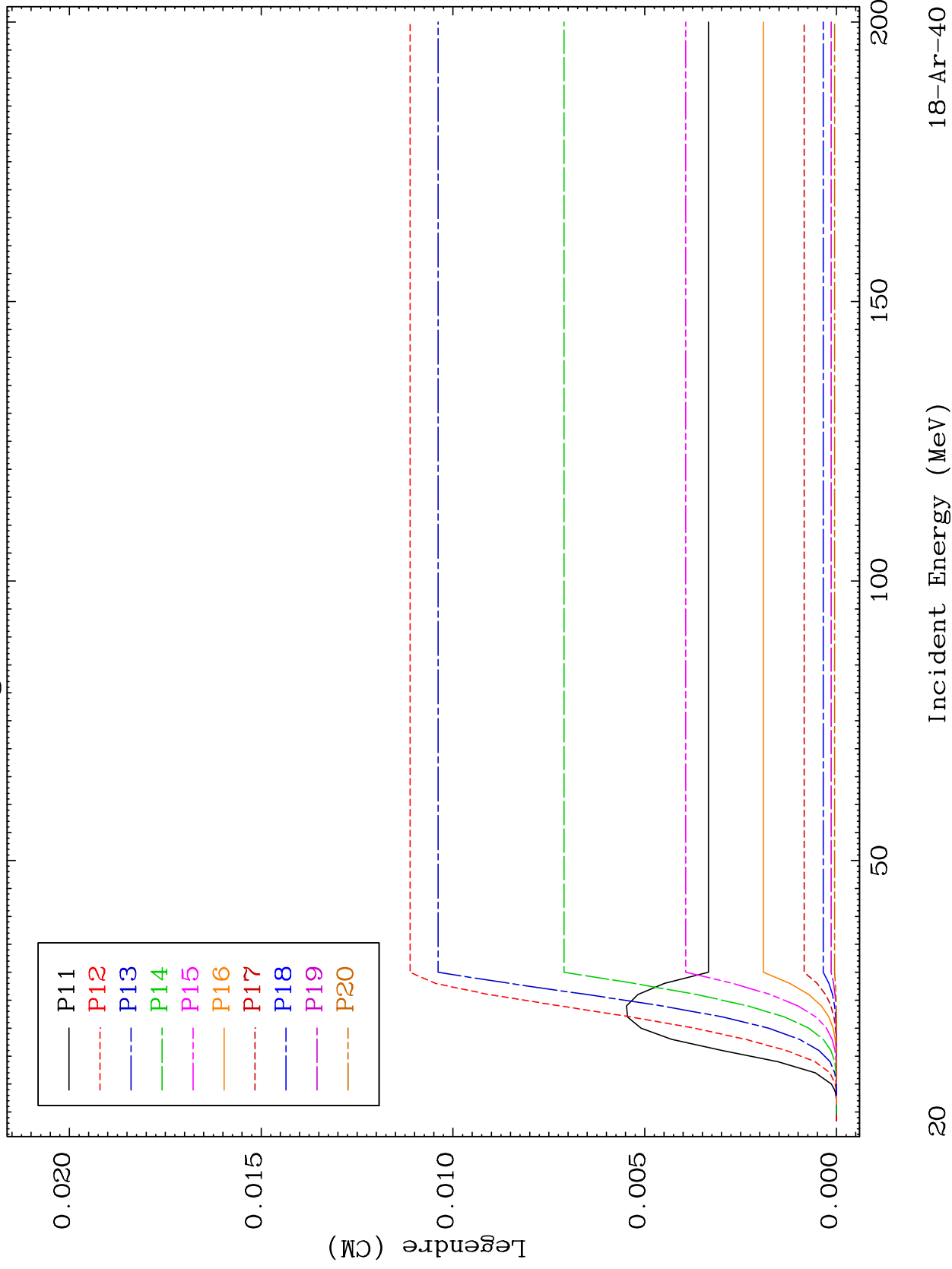
18-Ar-40



MAT 1837

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

18-Ar-40



20

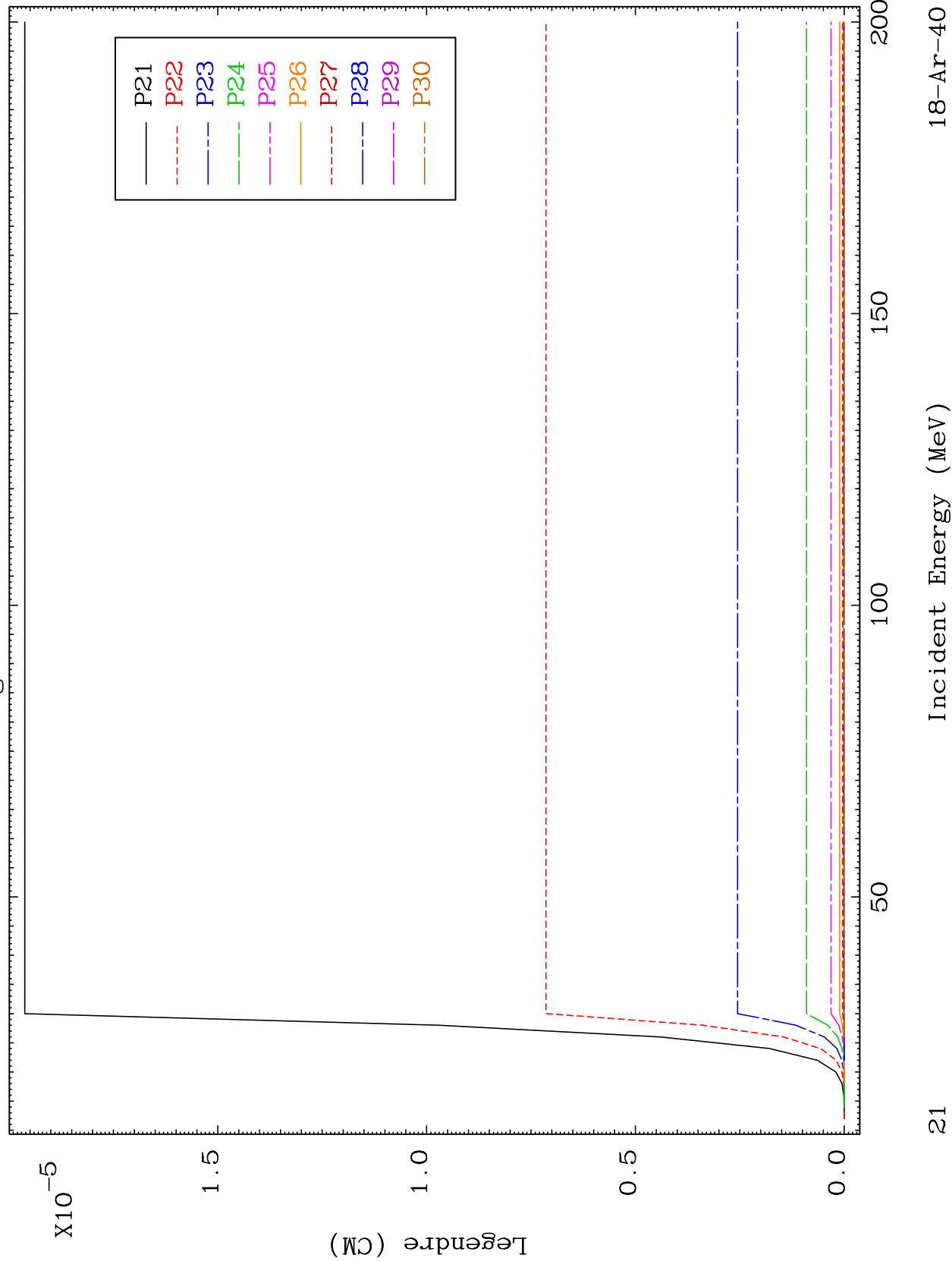
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

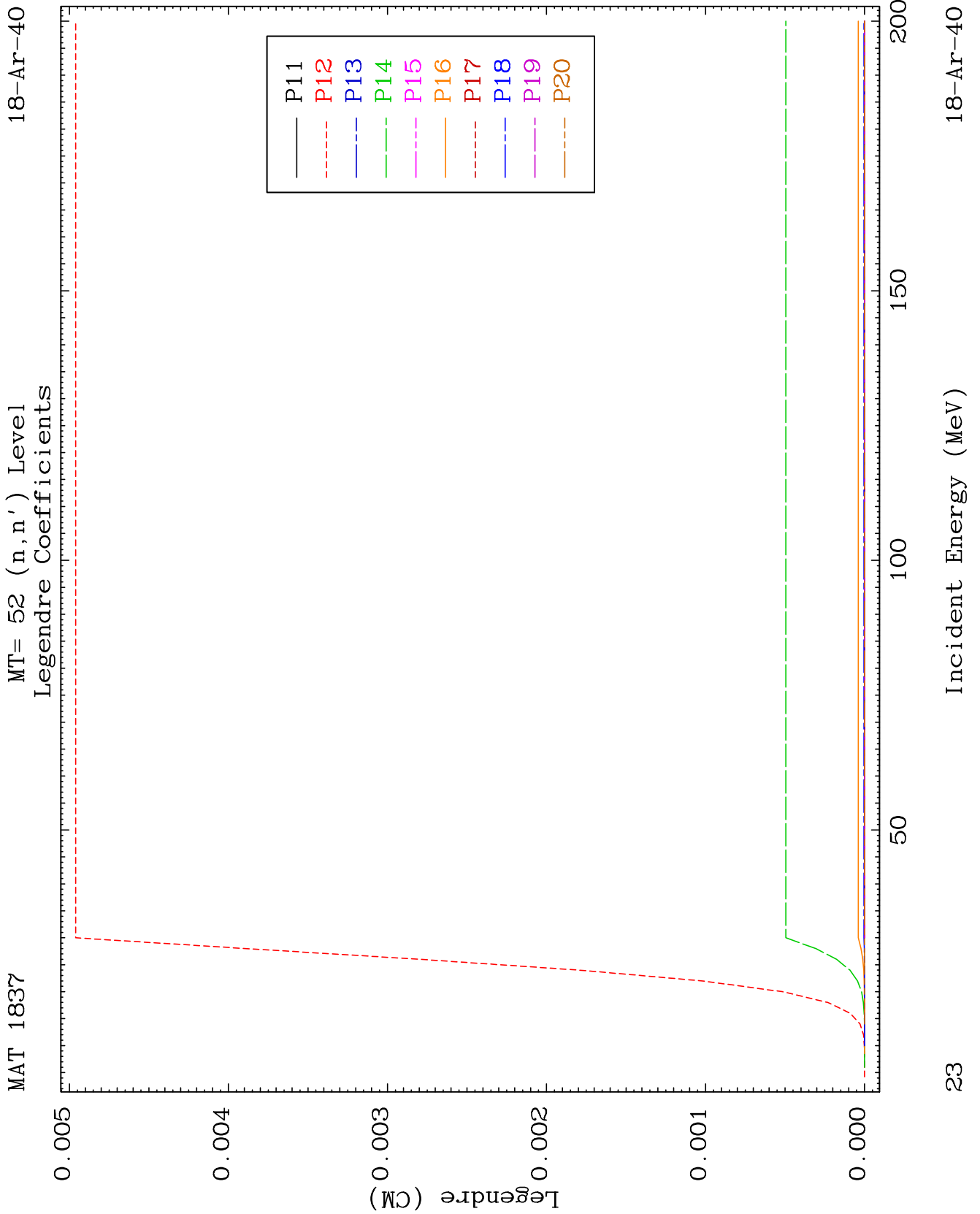
18-Ar-40



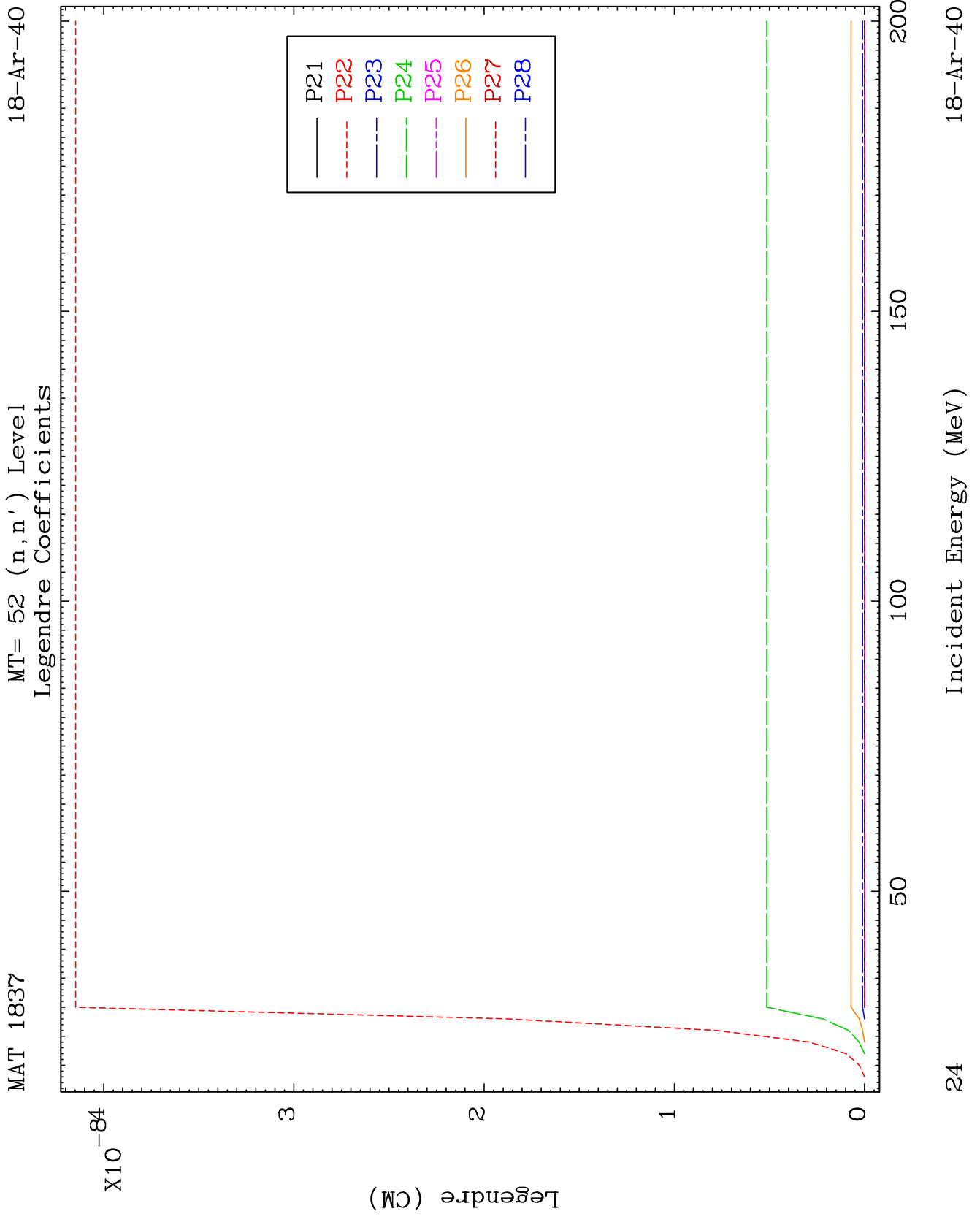
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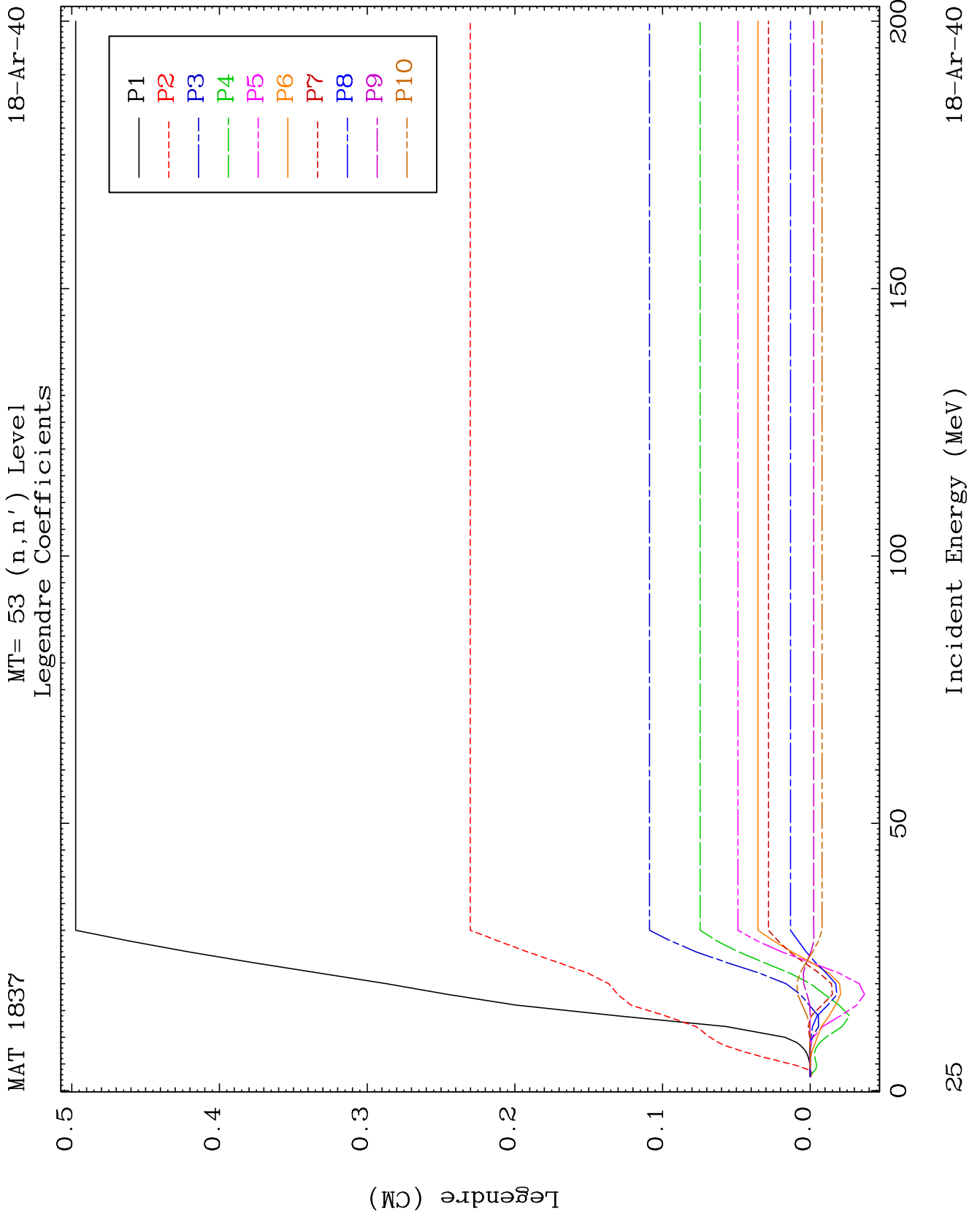
18-Ar-40







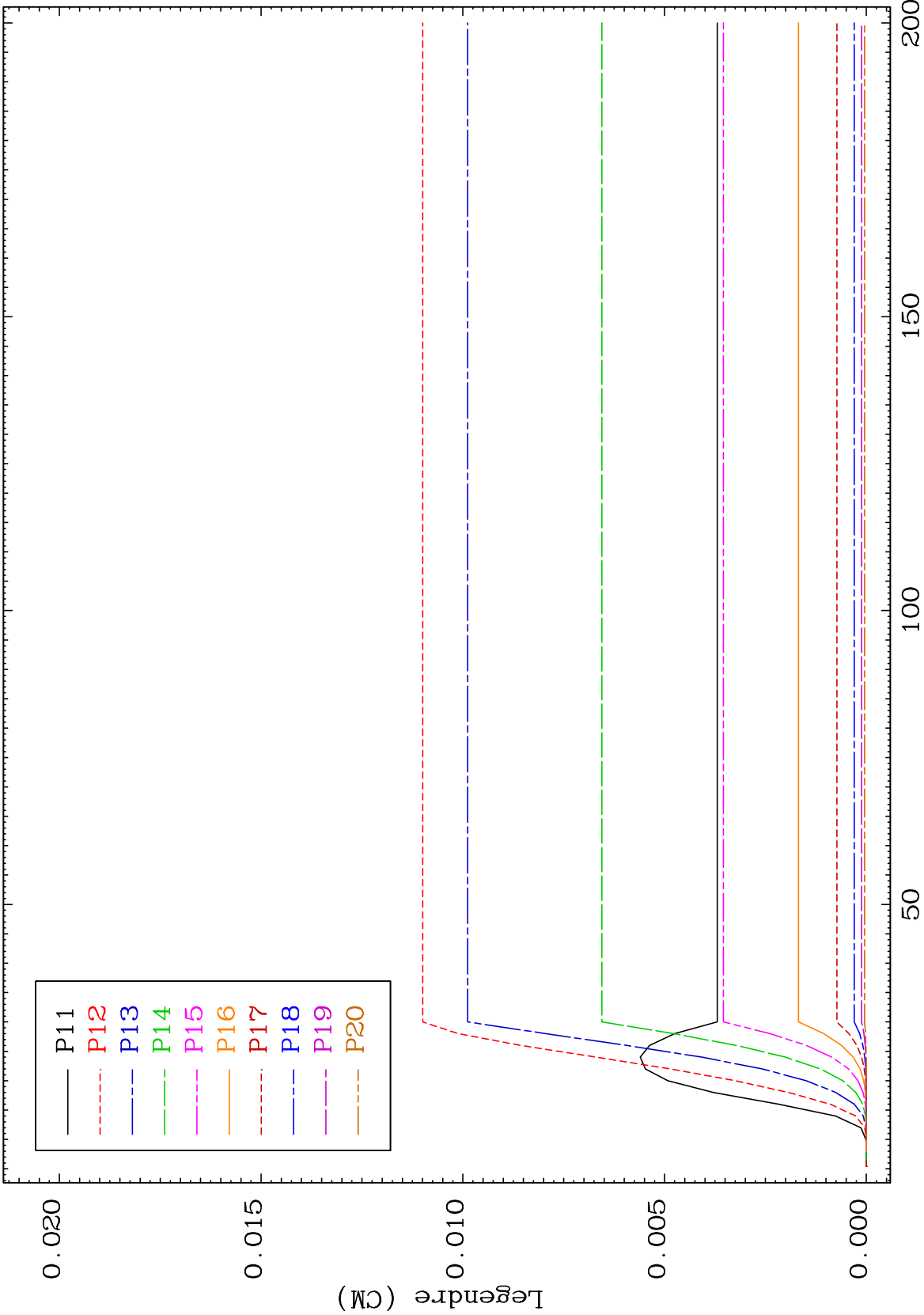




MAT 1837

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

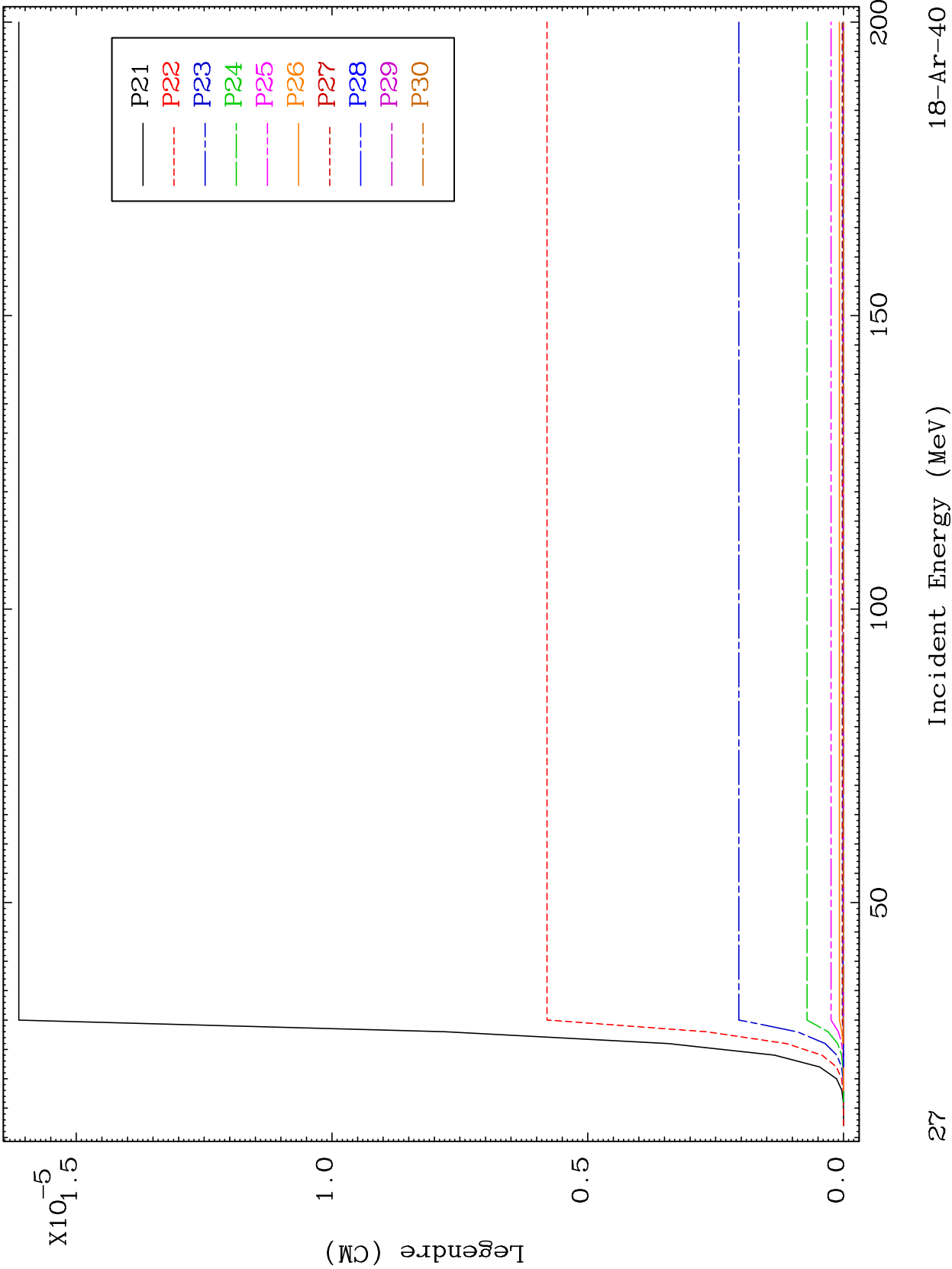
18-Ar-40



MAT 1837

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

18-Ar-40



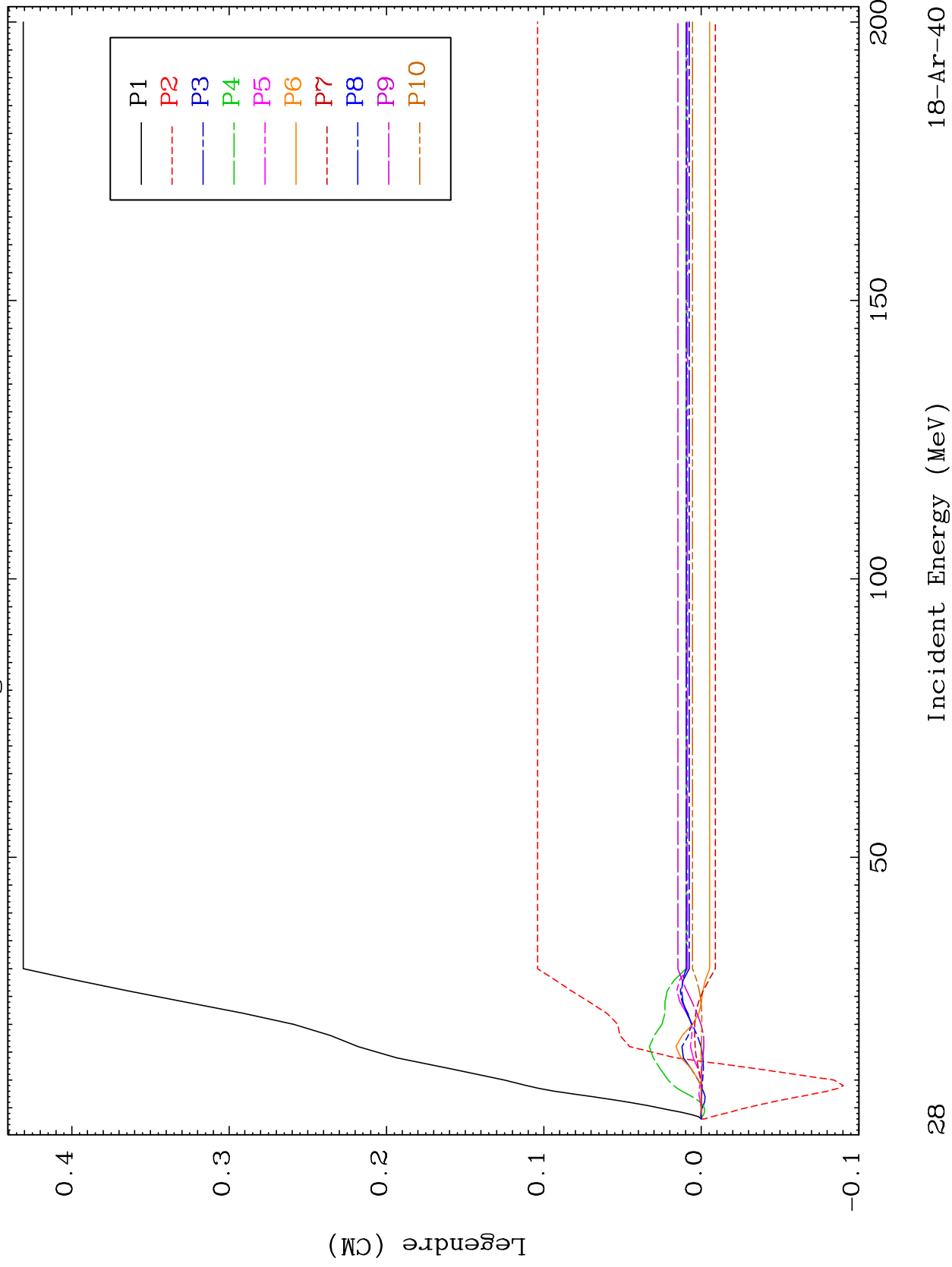
27

18-Ar-40

MAT 1837

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

18-Ar-40



28

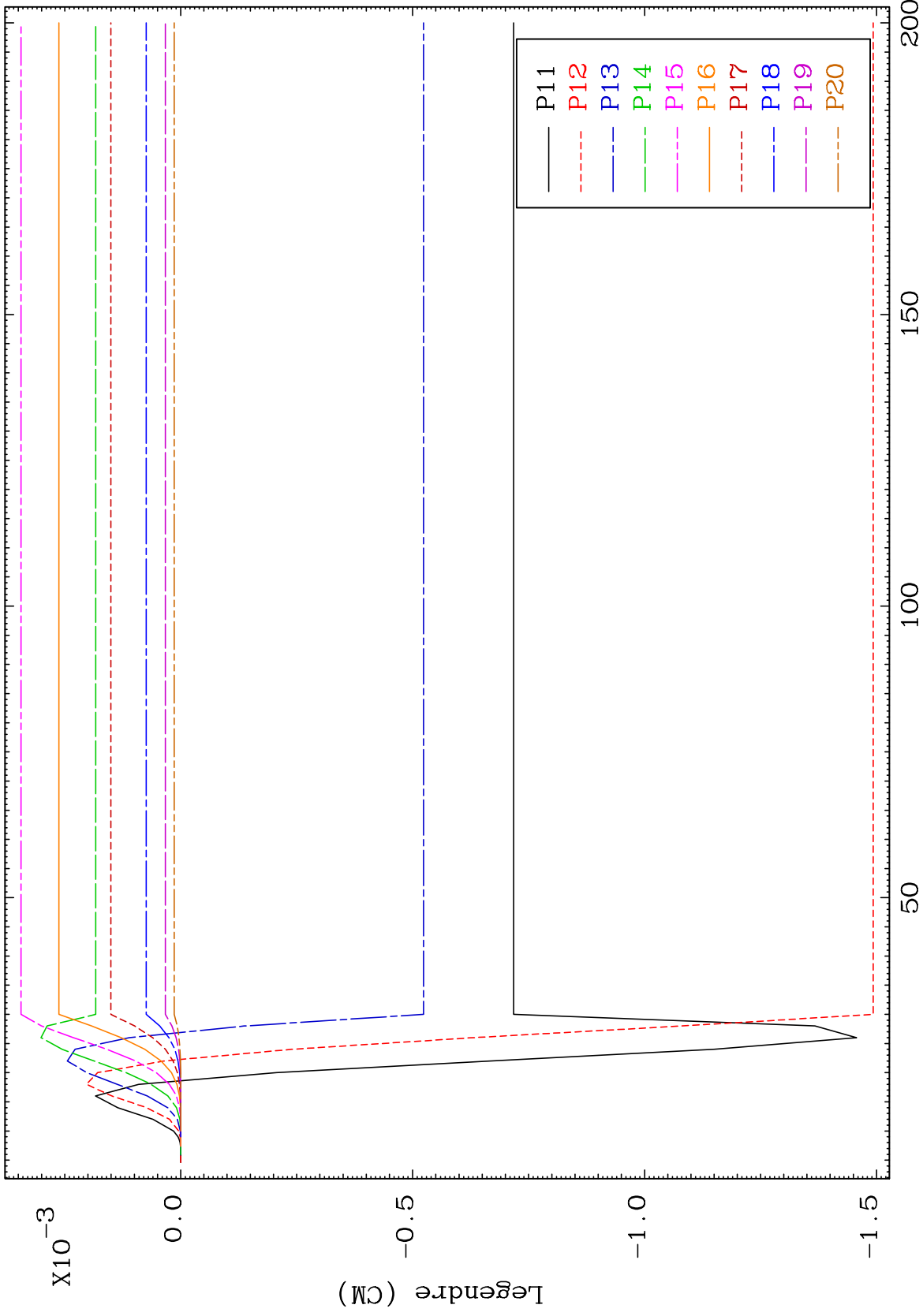
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

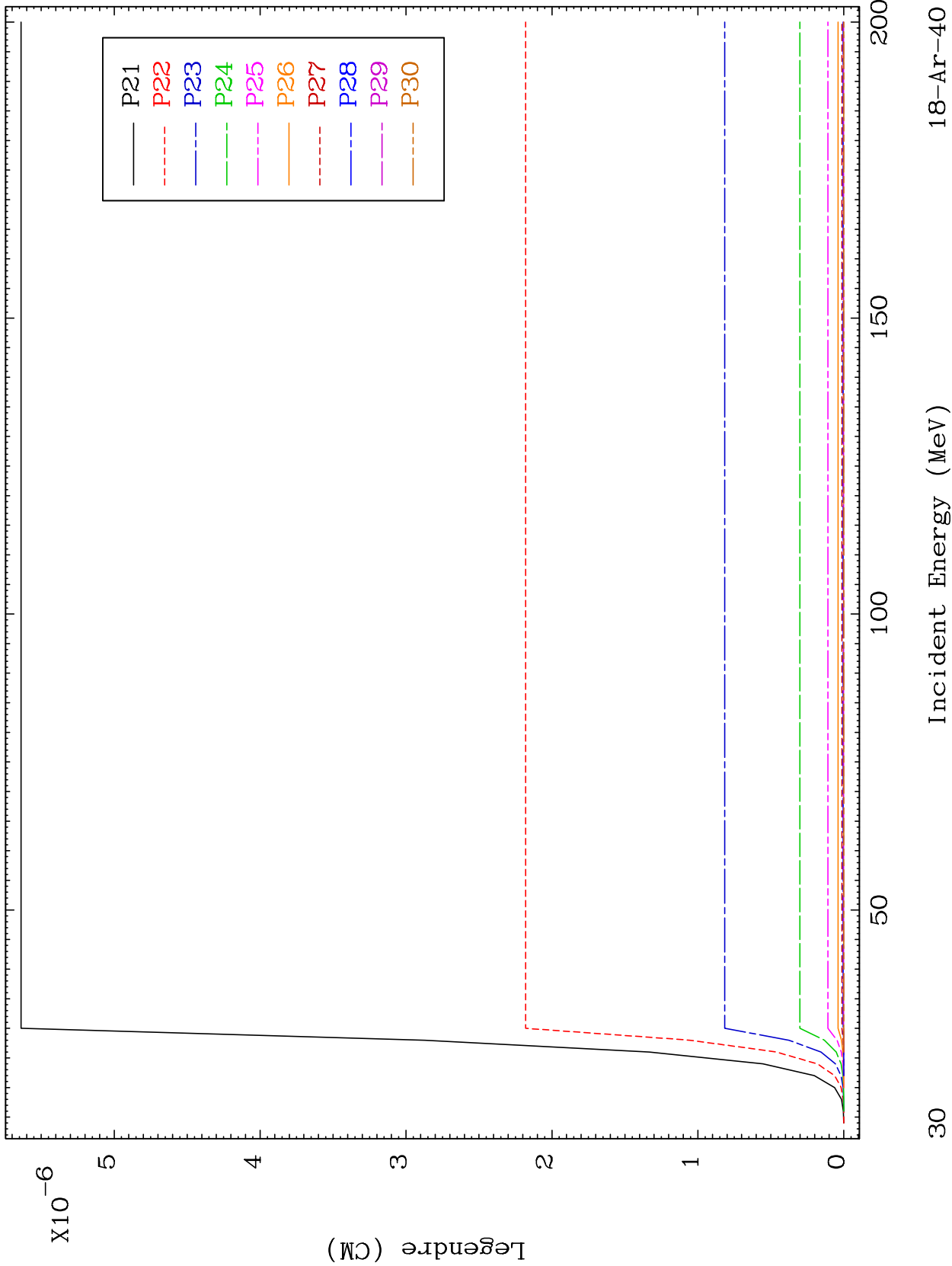
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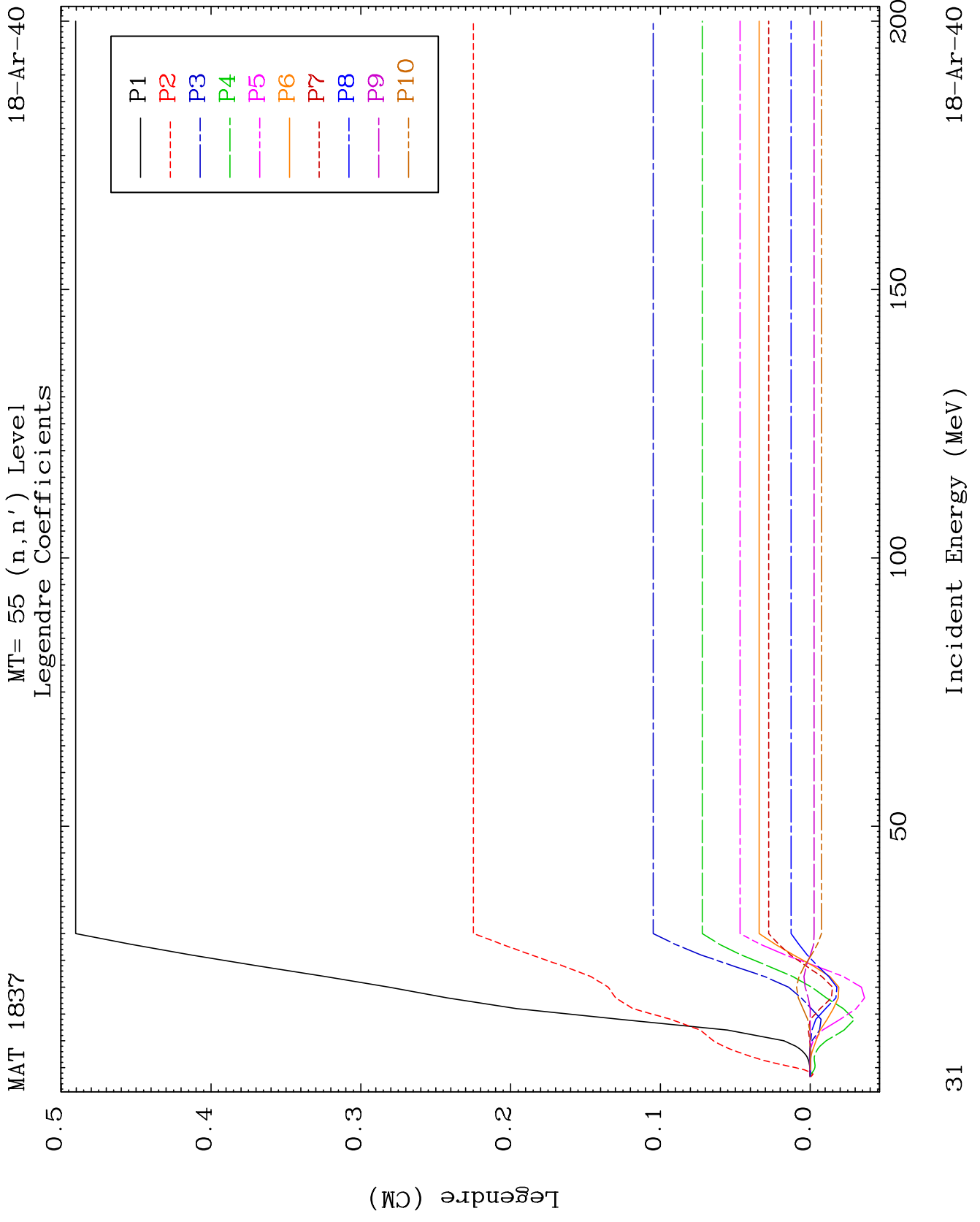


MAT 1837

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

18-Ar-40



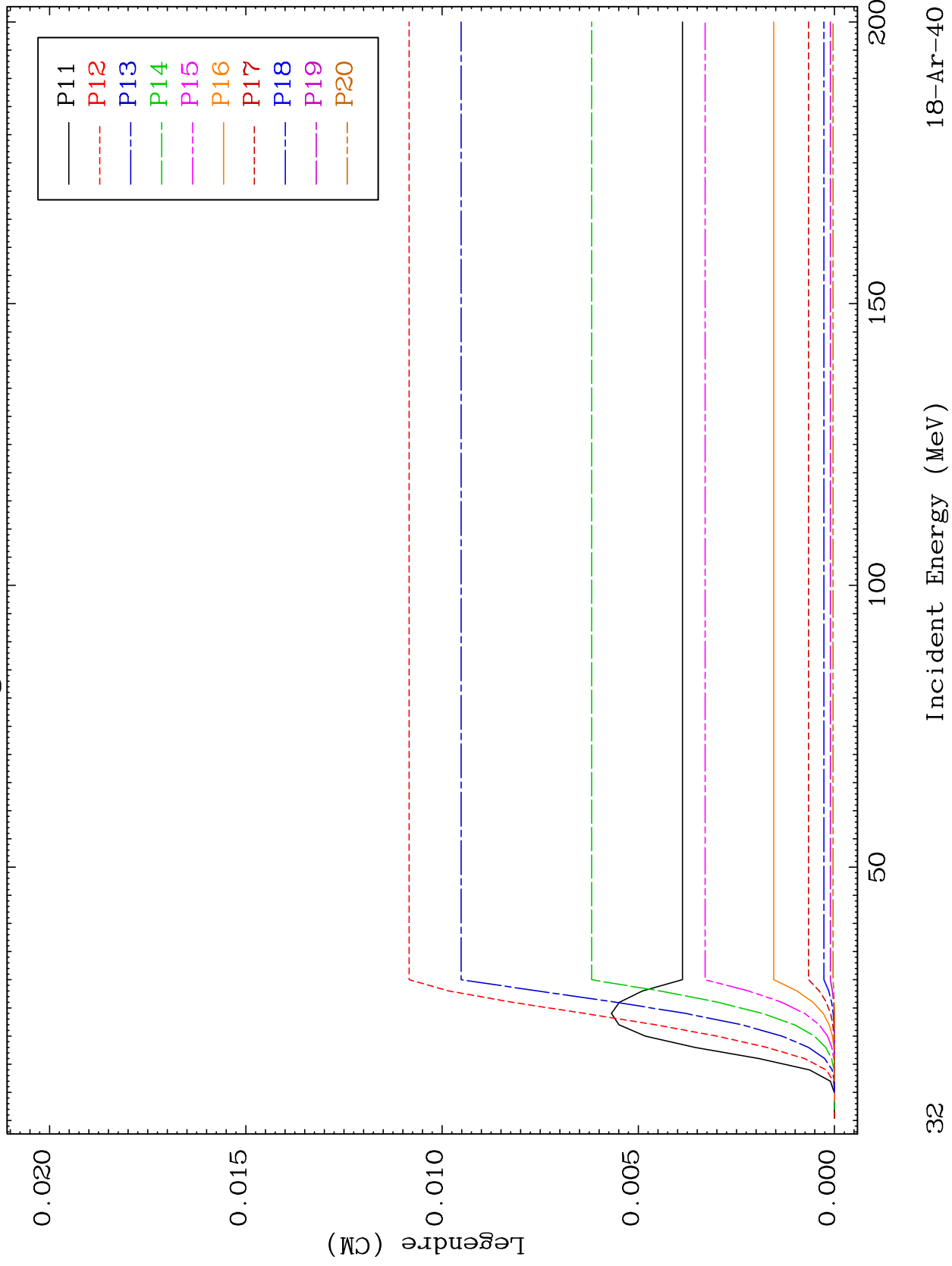




MAT 1837

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

18-Ar-40



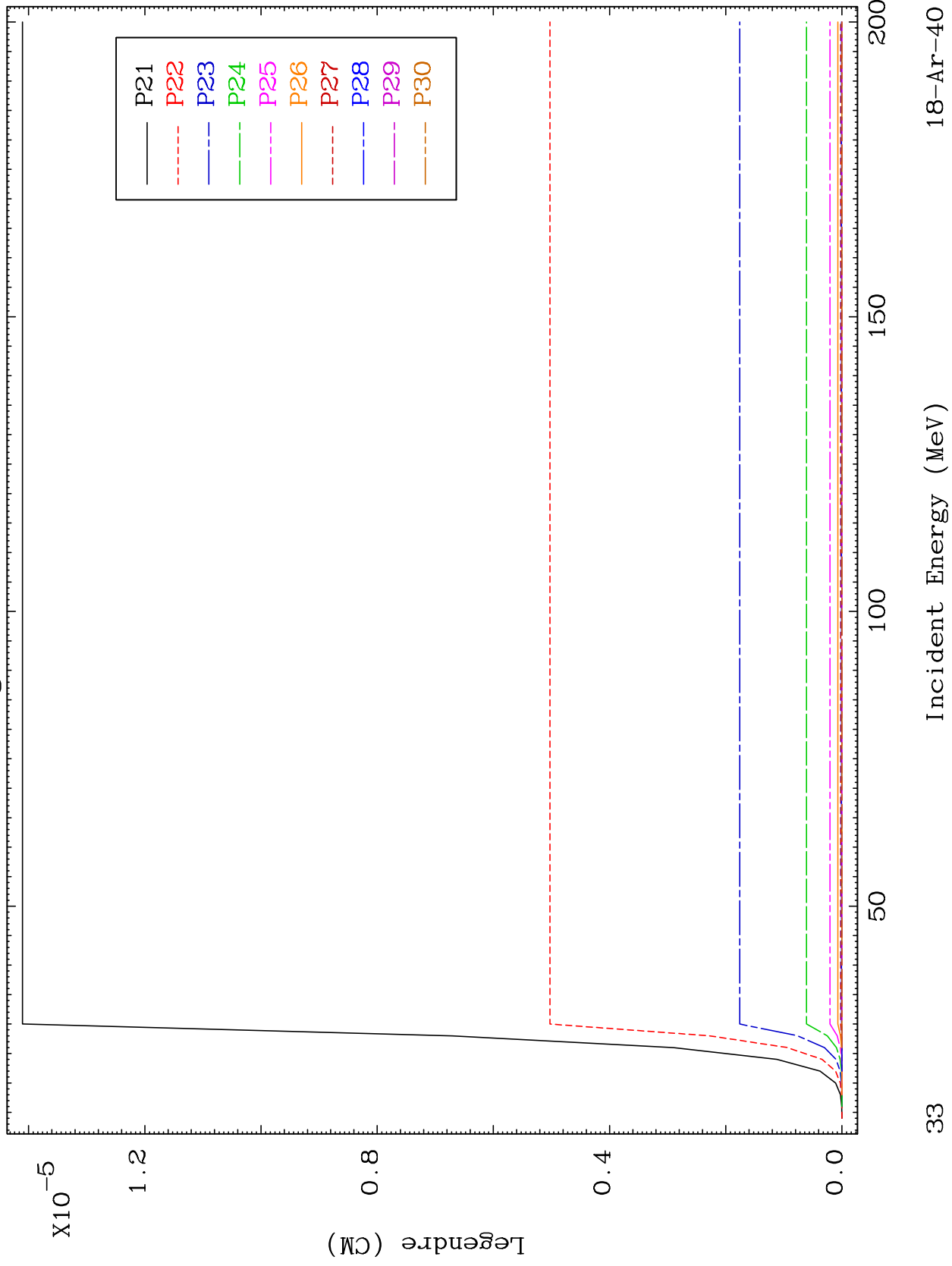
32

18-Ar-40

MAT 1837

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

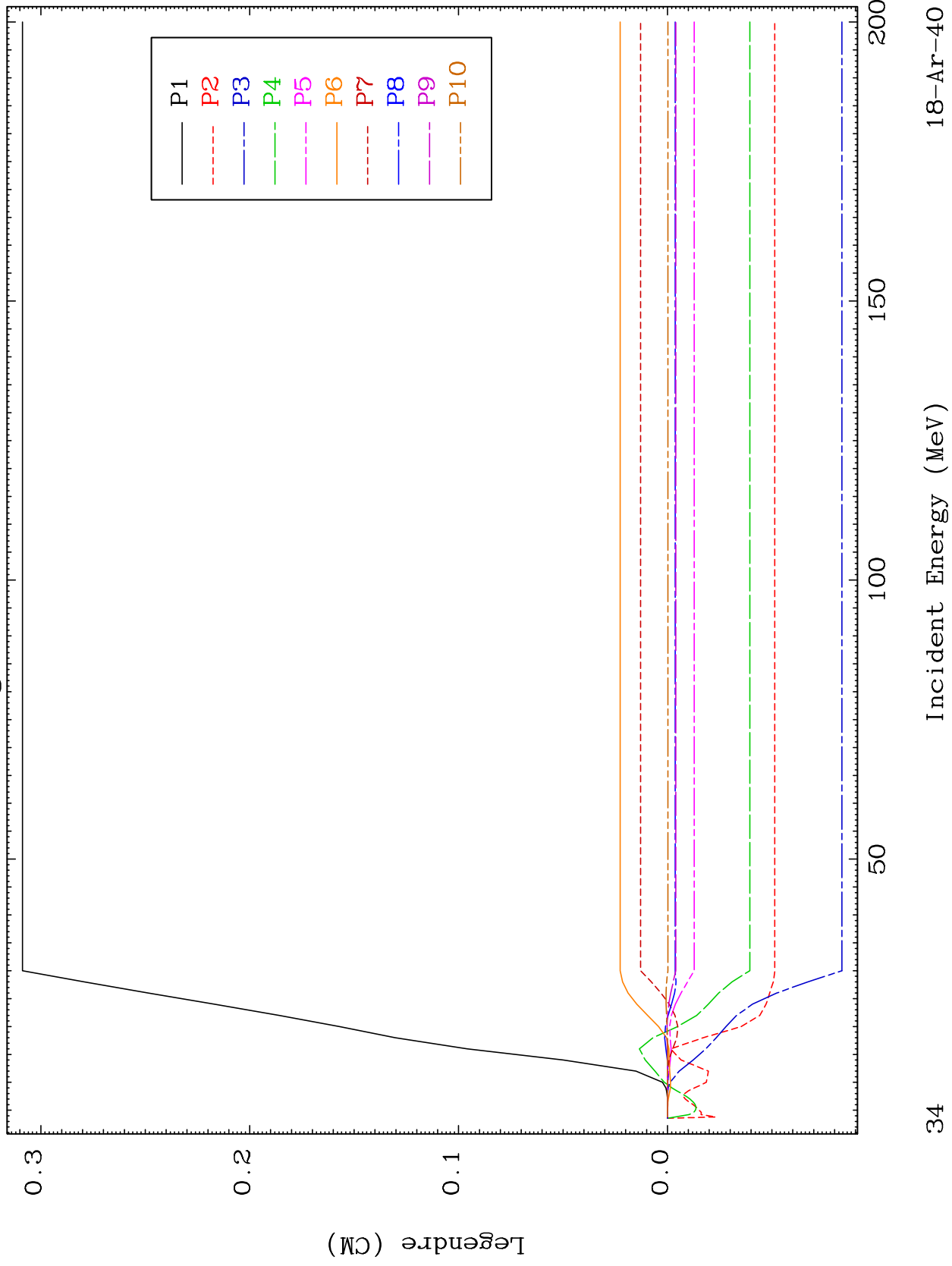
18-Ar-40



MAT 1837

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

18-Ar-40



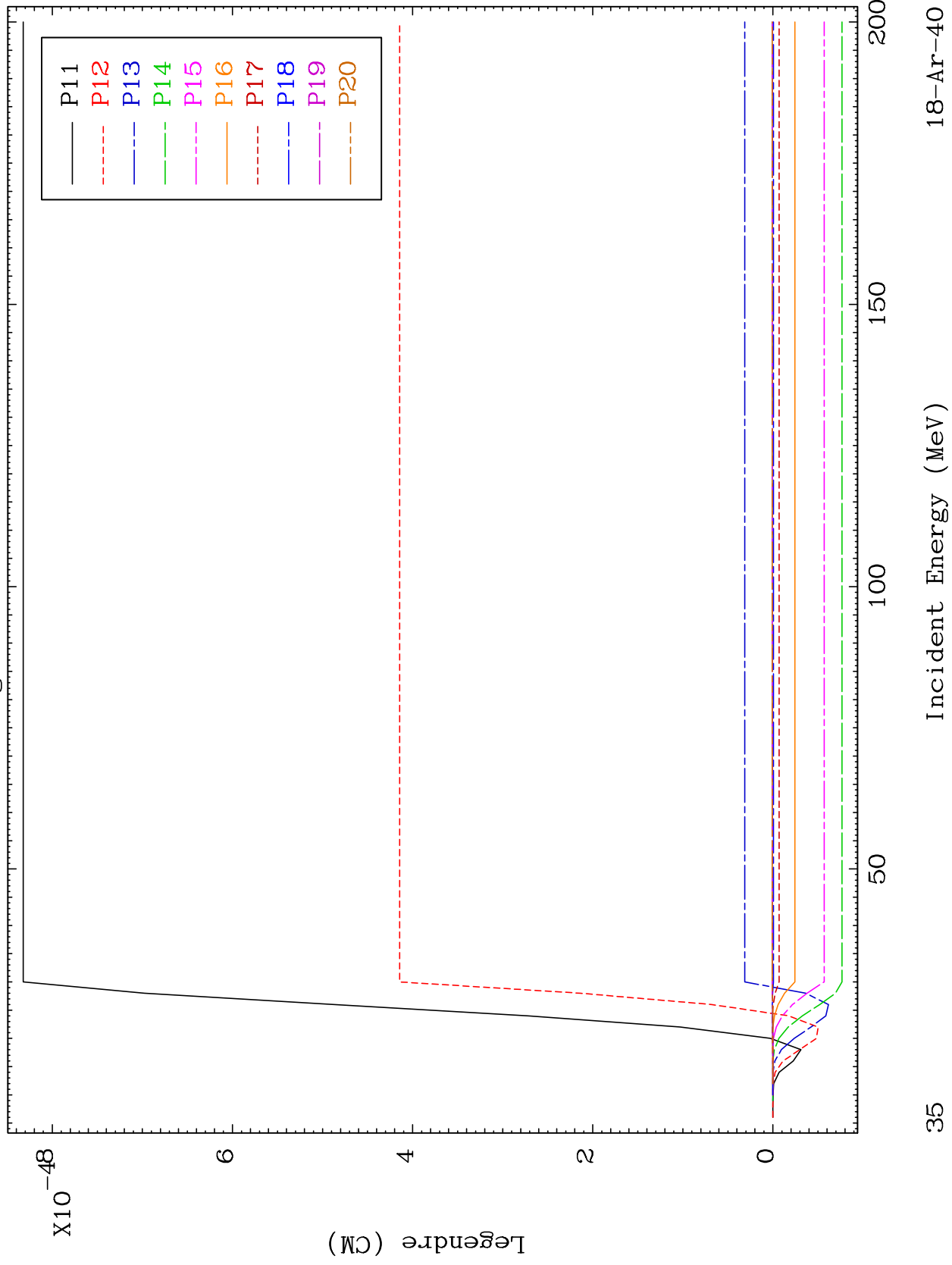
34

18-Ar-40

MAT 1837

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

18-Ar-40



35

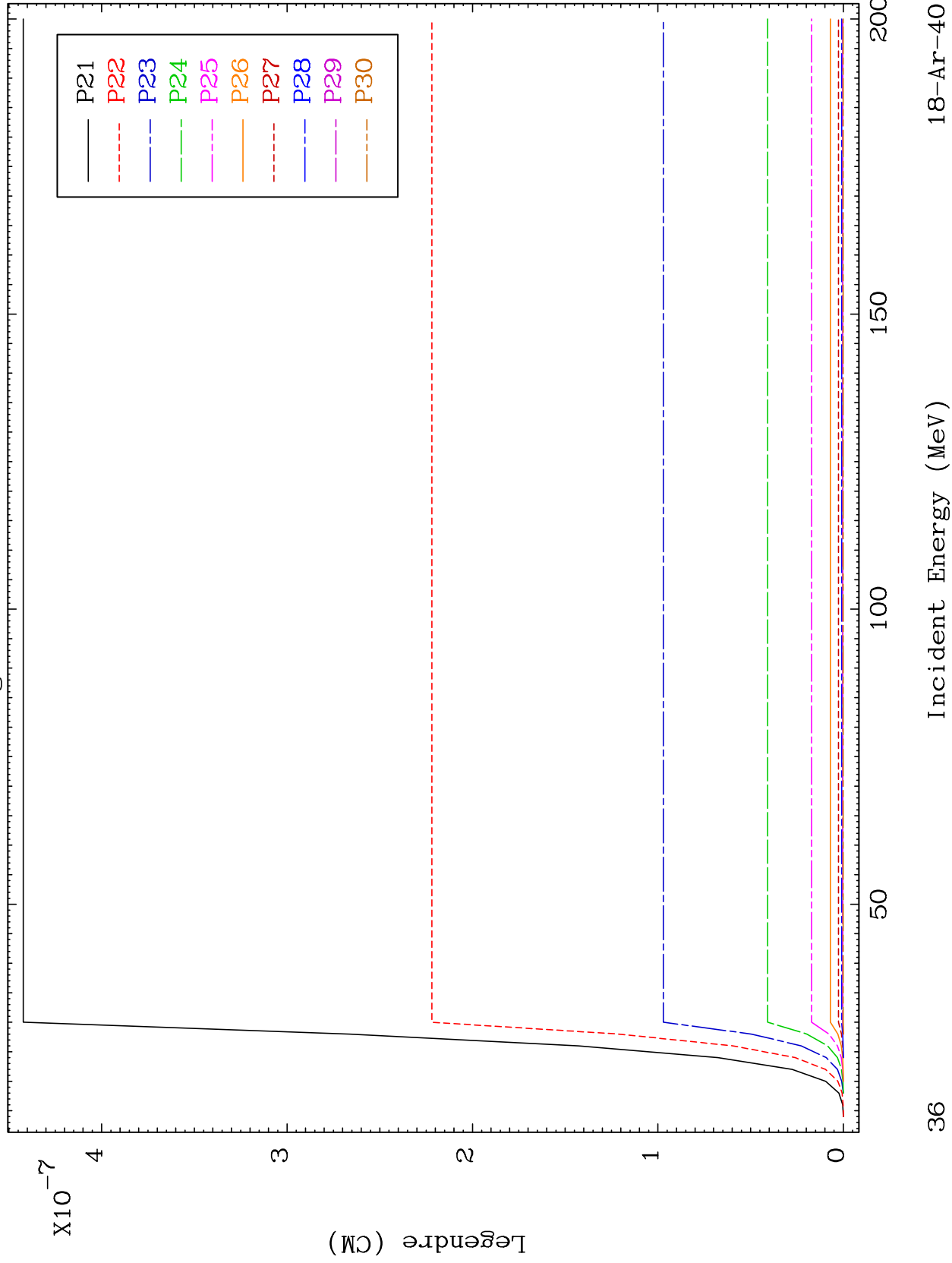
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



36

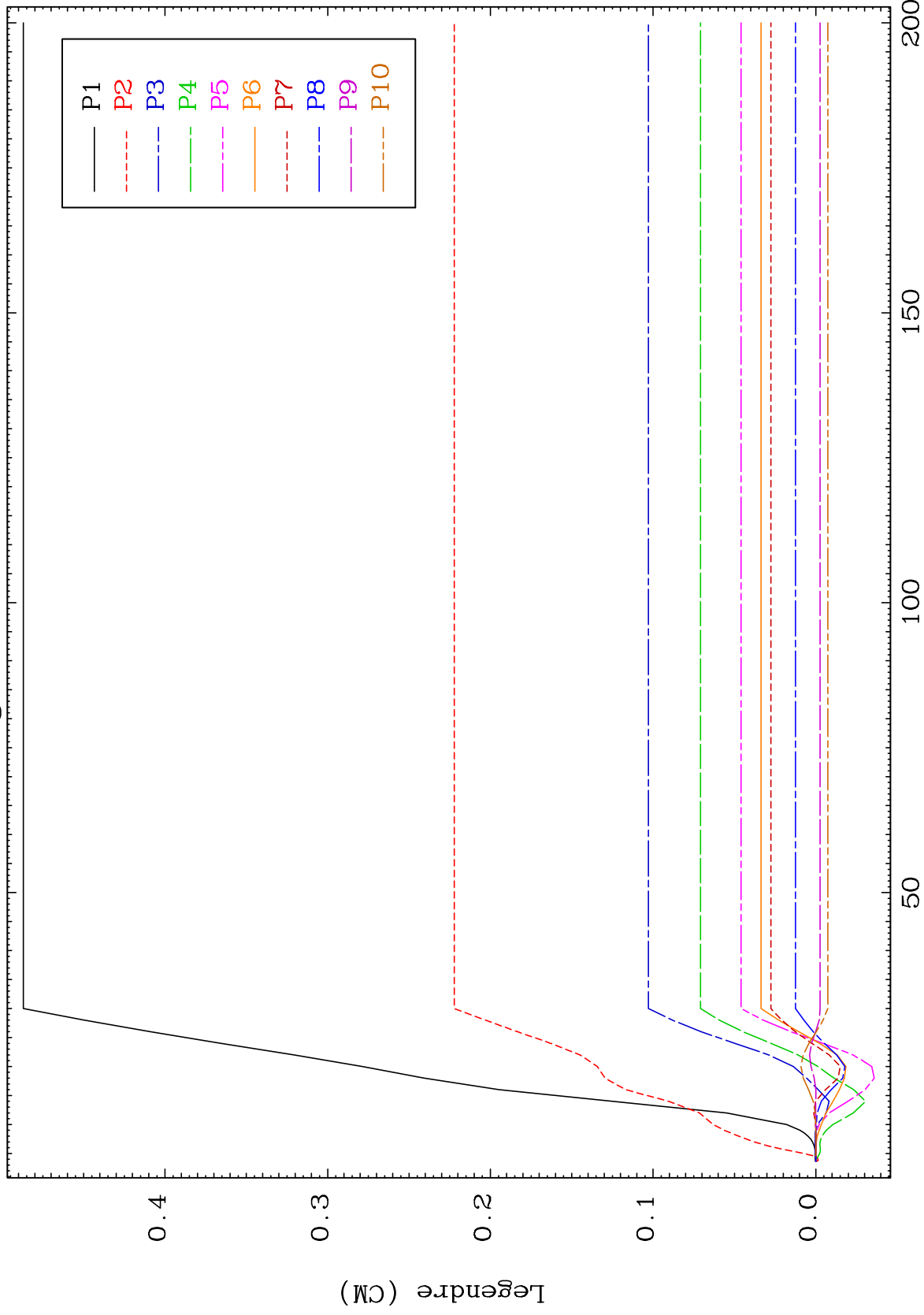
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



37

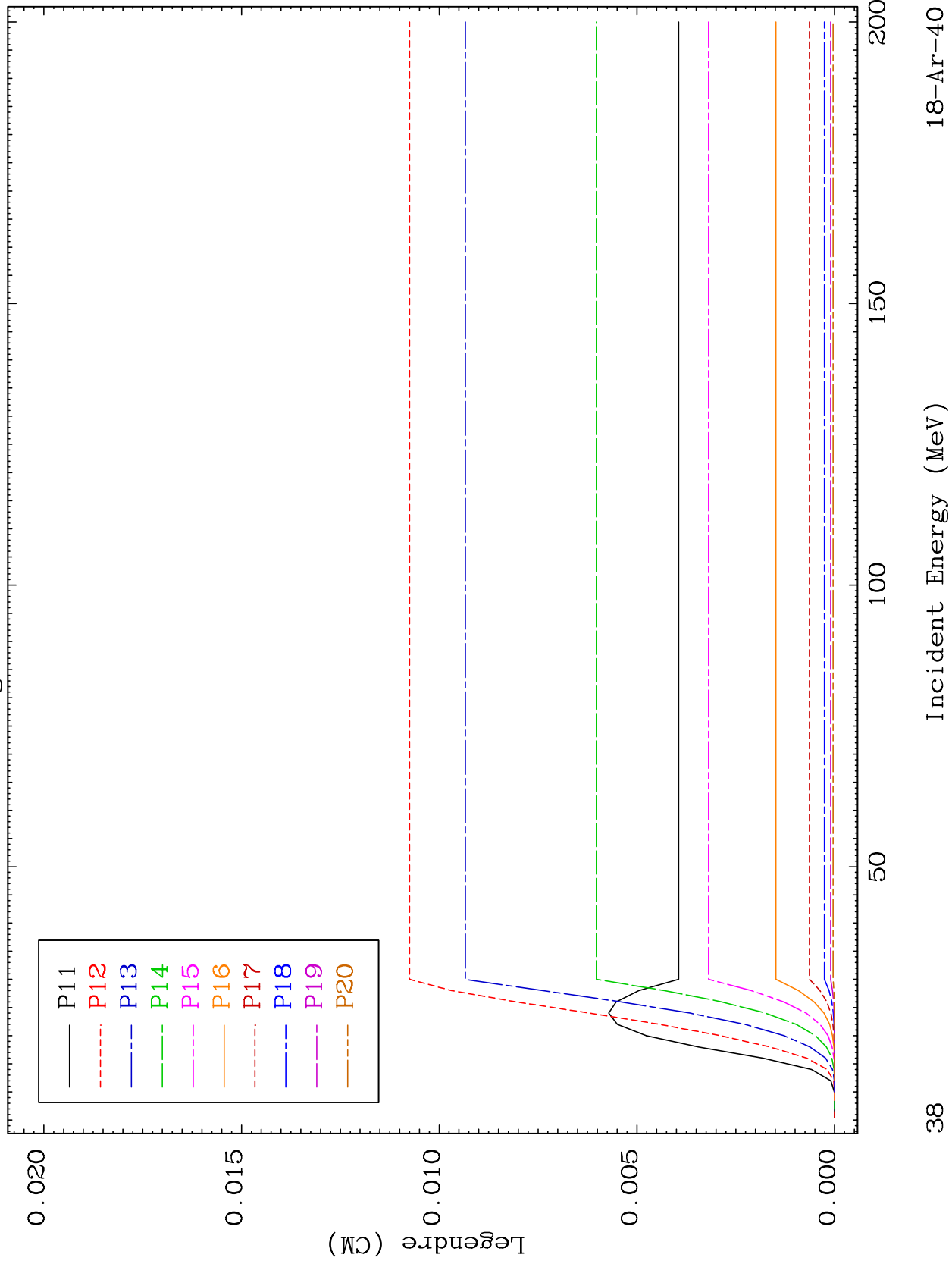
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



38

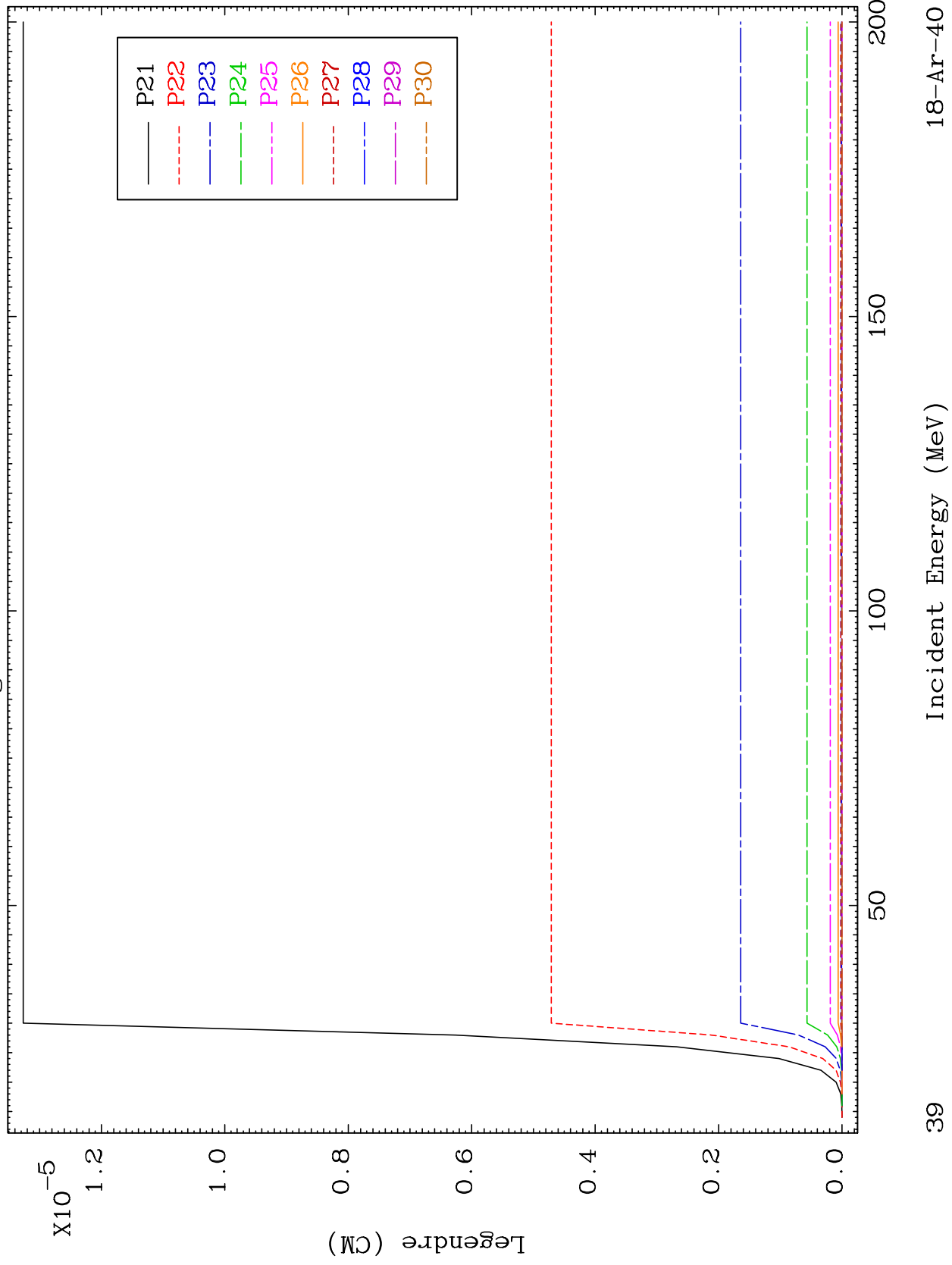
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Incident Energy (MeV)

MAT 1837

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

18-Ar-40

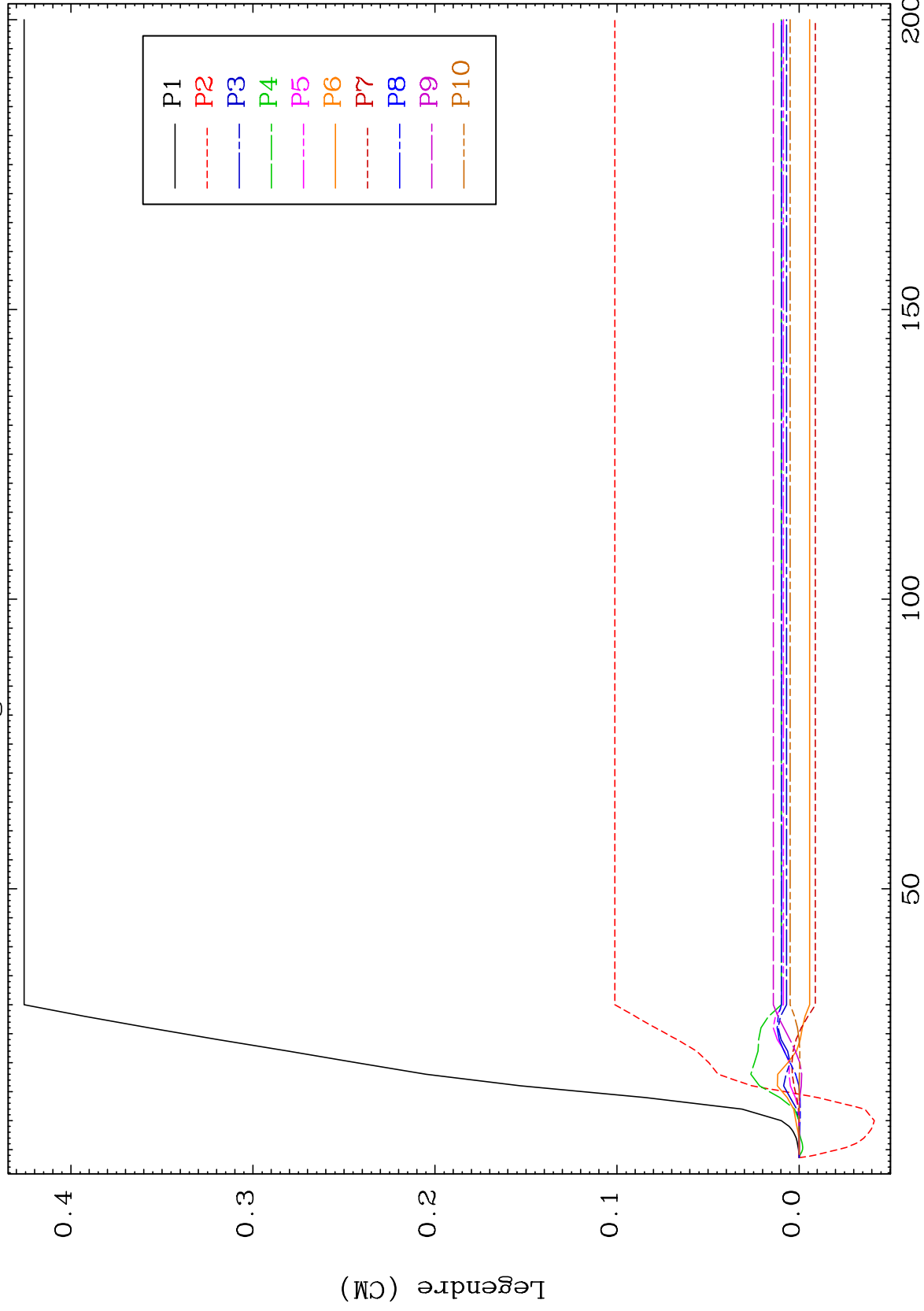




MAT 1837

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

18-Ar-40



40

Incident Energy (MeV)

50

100

150

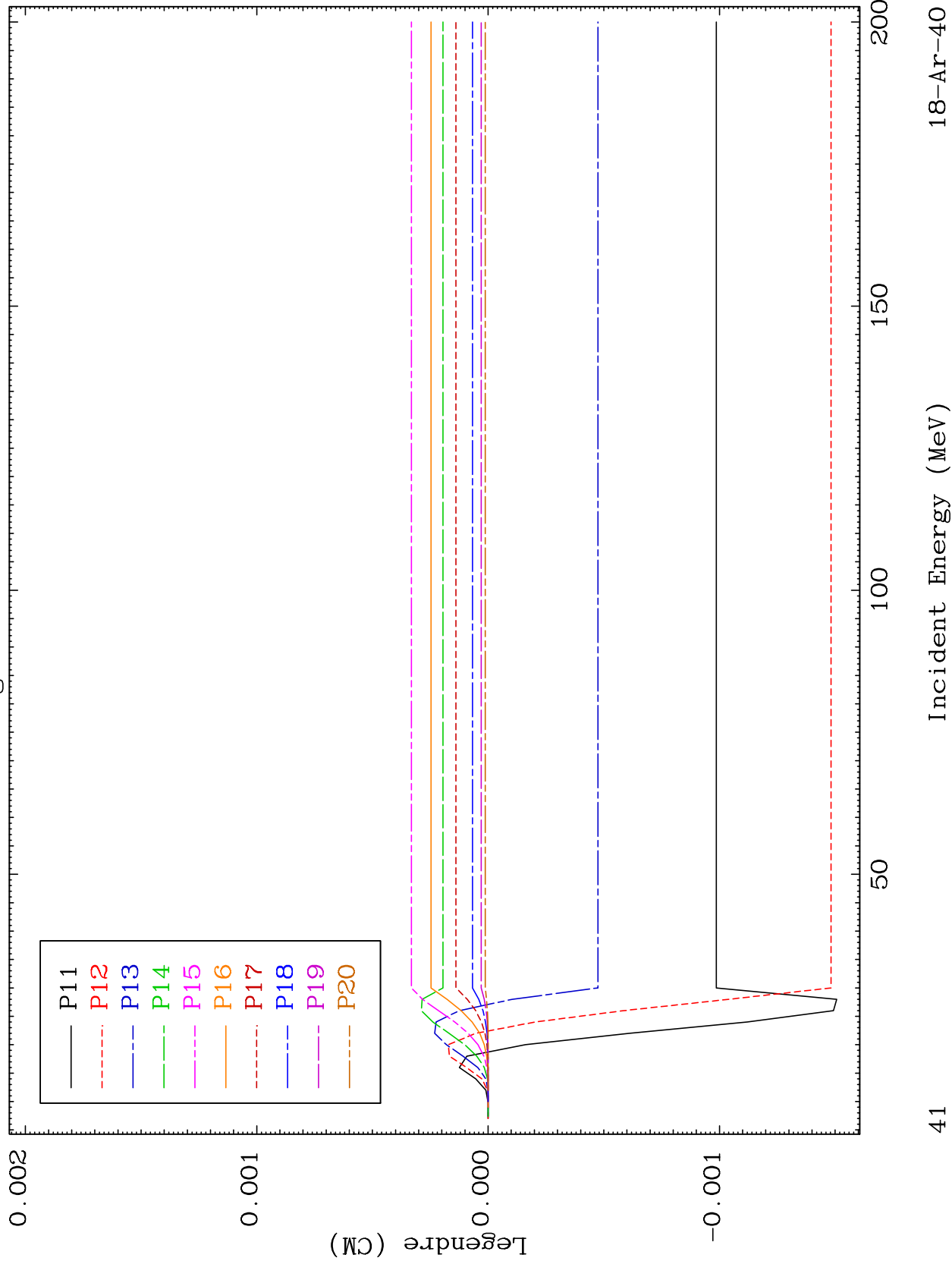
200

18-Ar-40

MAT 1837

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

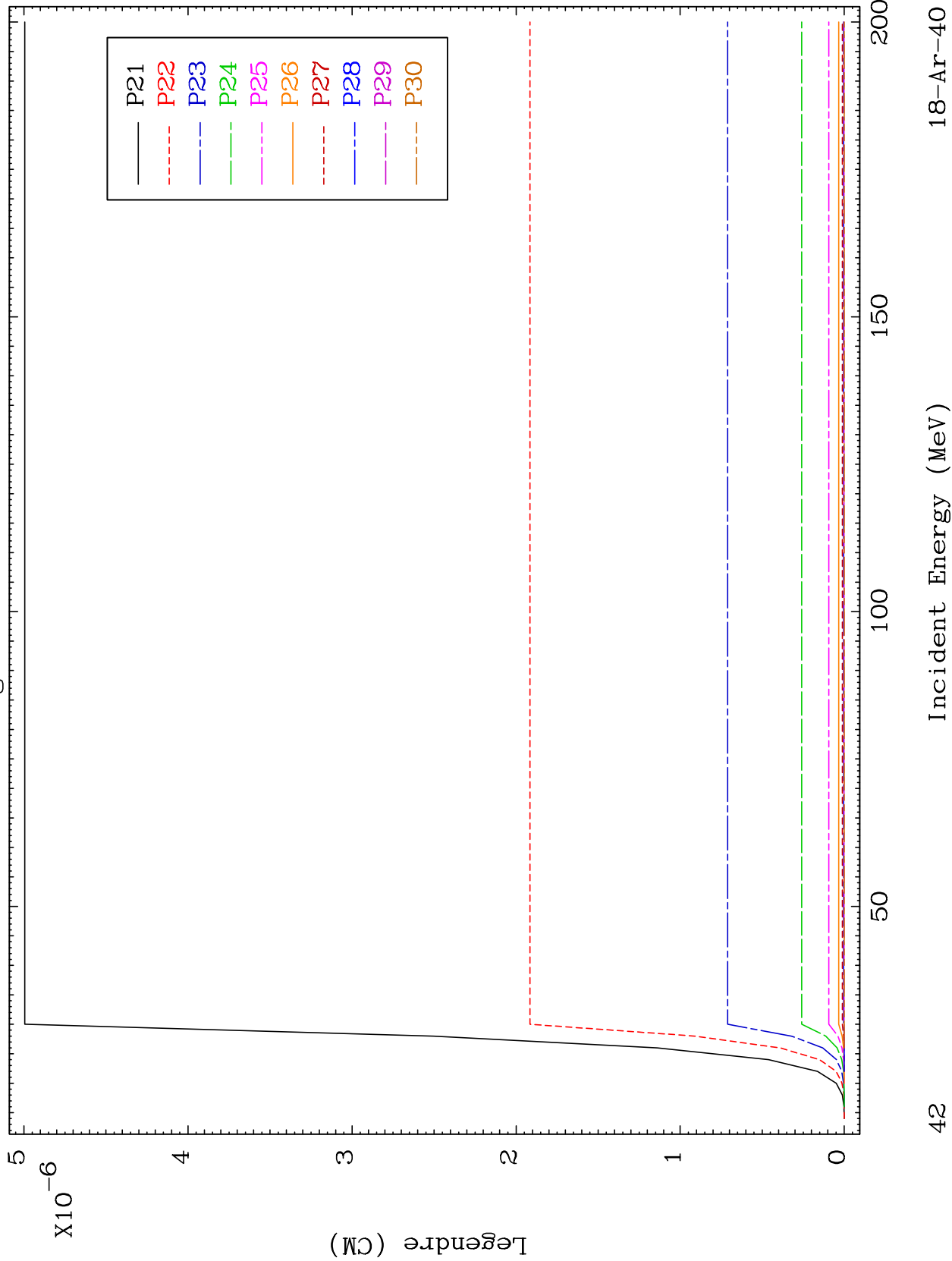
18-Ar-40



MAT 1837

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

18-Ar-40



42

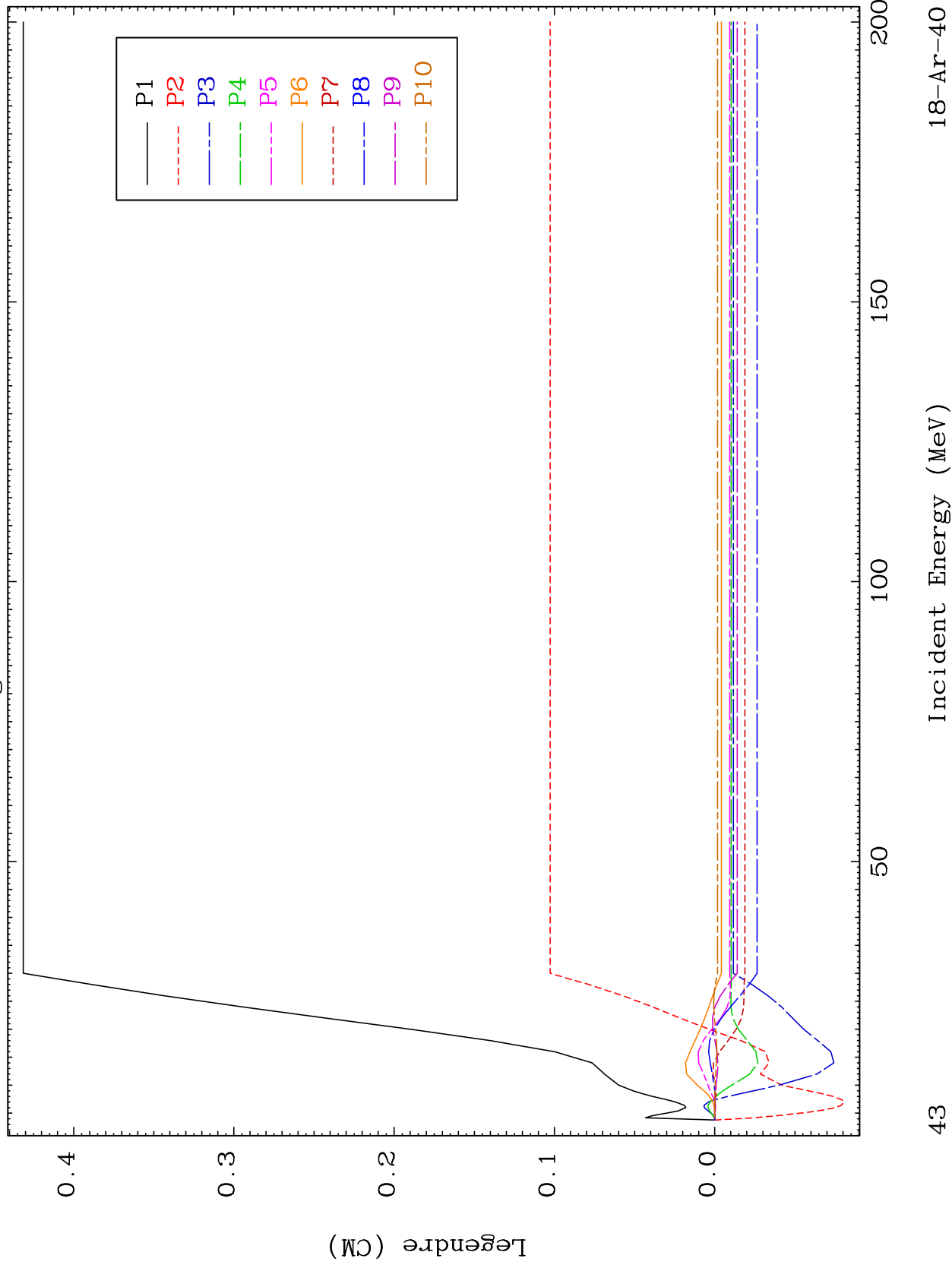
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



43

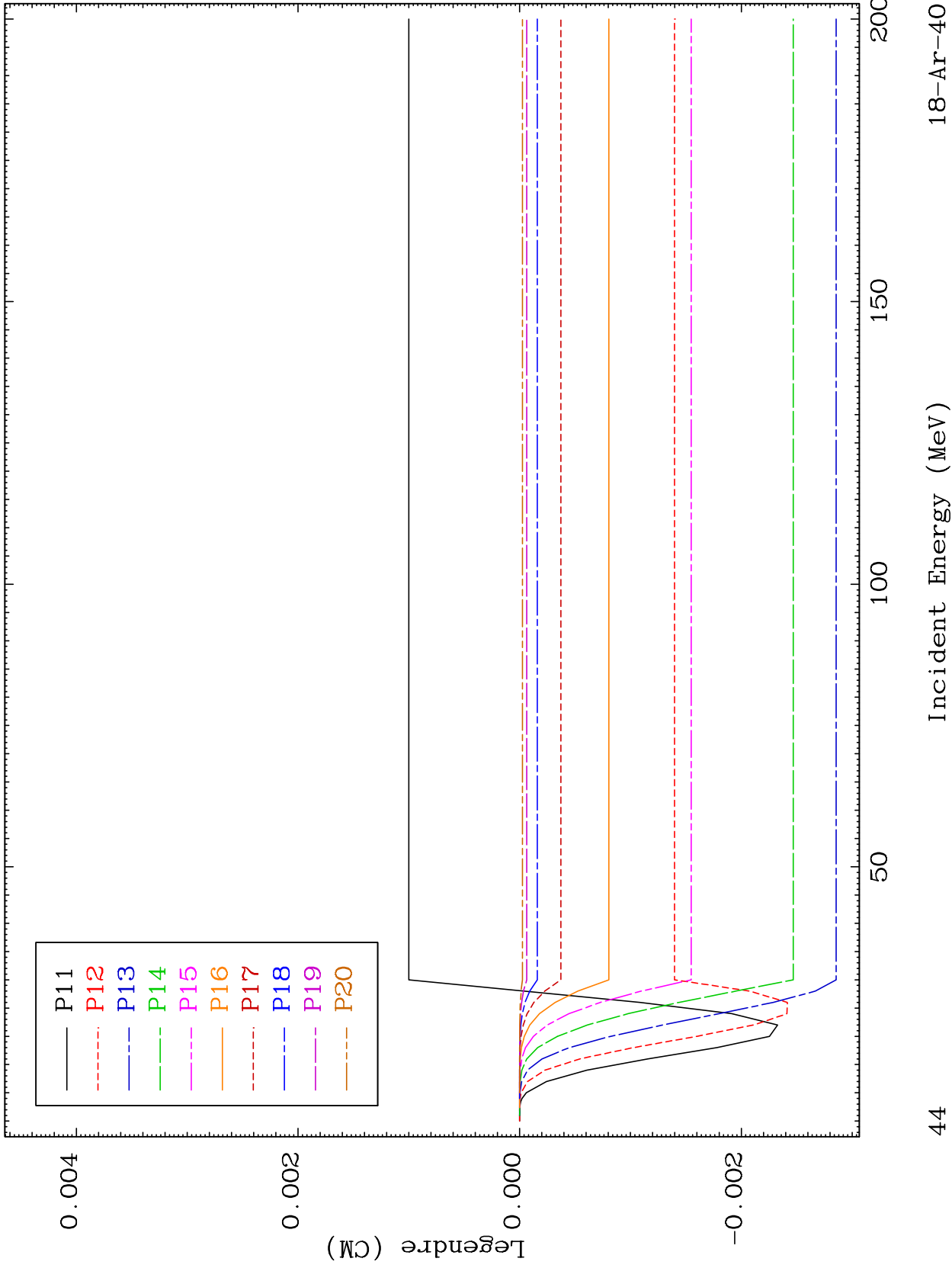
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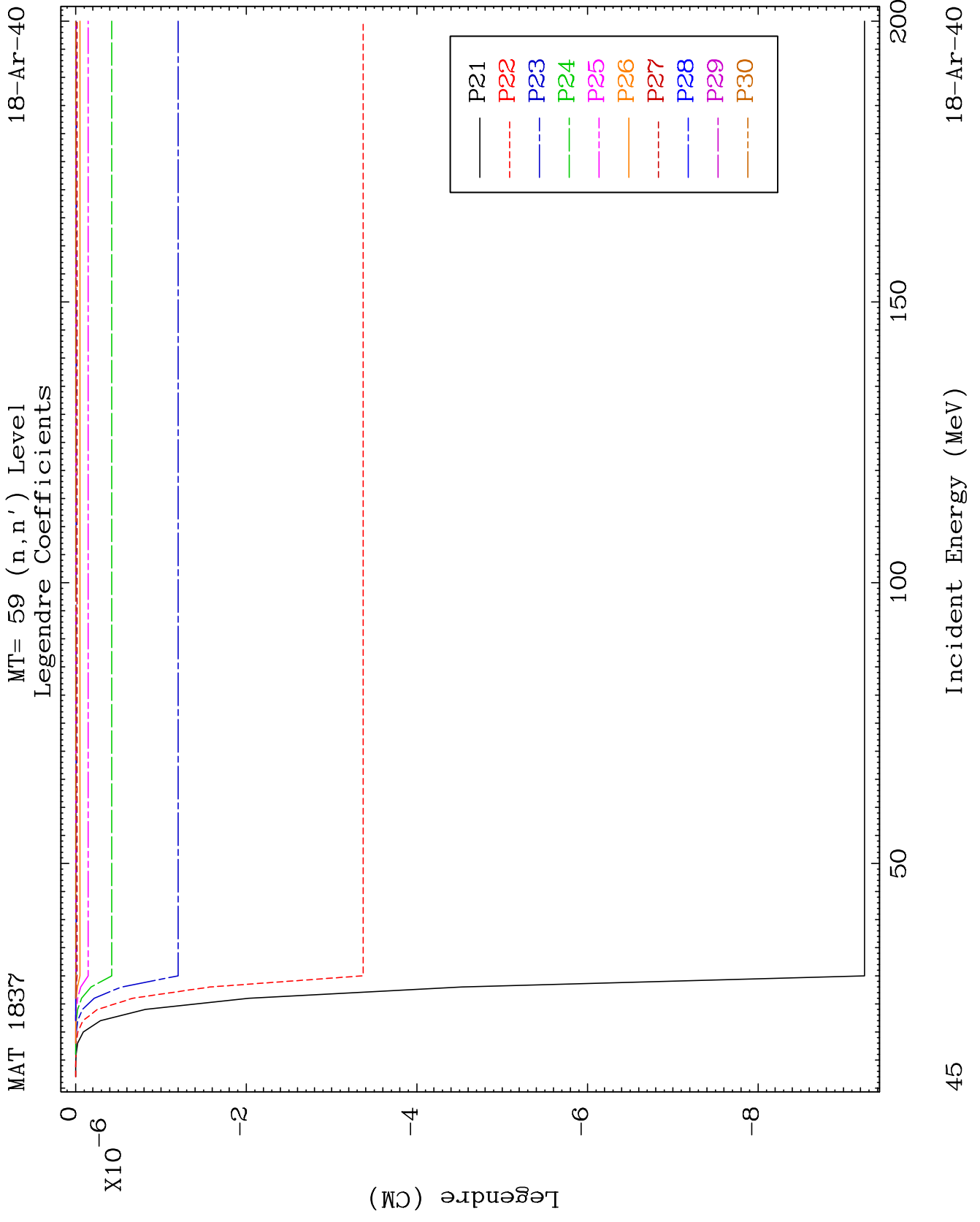
18-Ar-40

MAT 1837

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

18-Ar-40

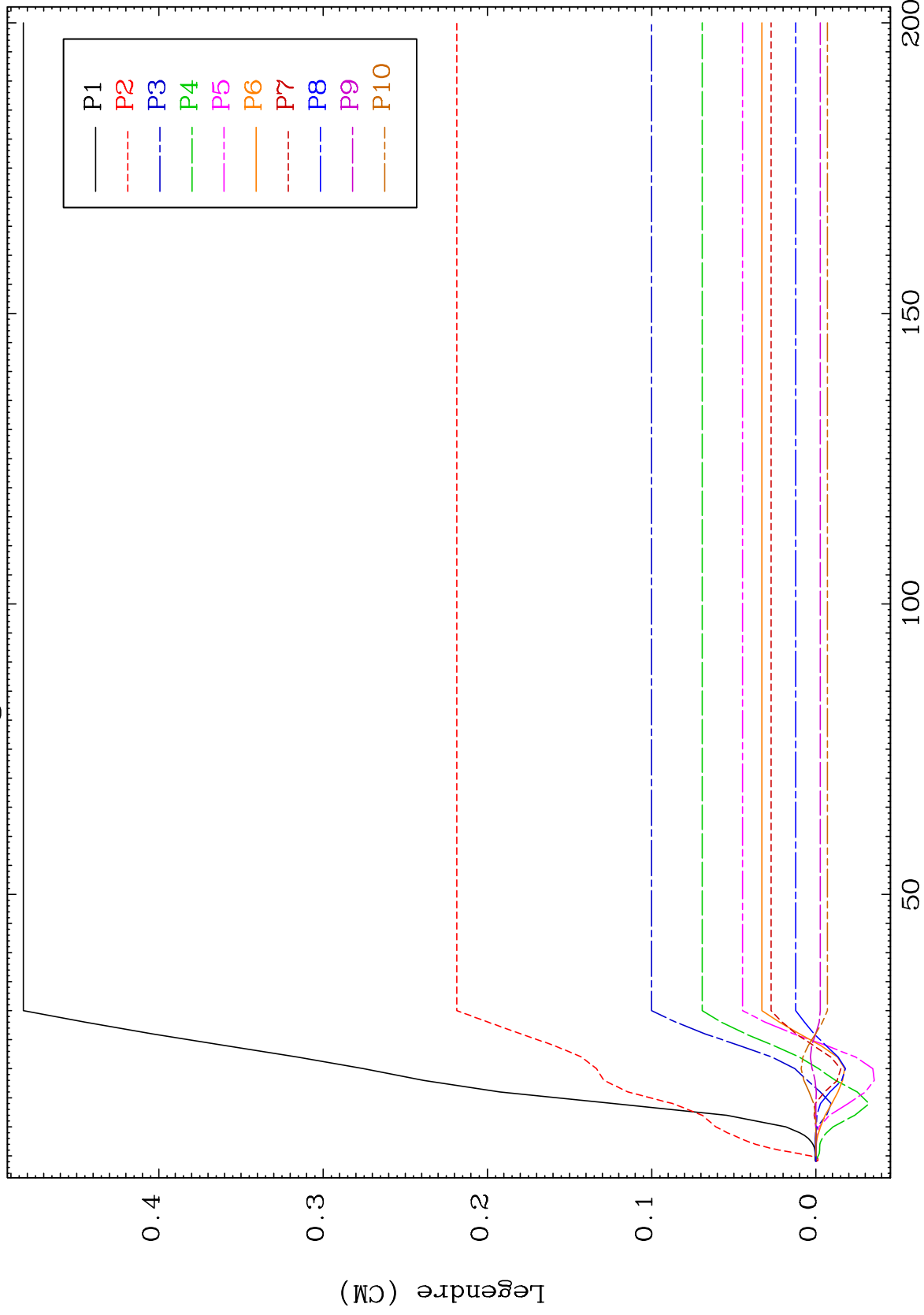




MAT 1837

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

18-Ar-40



46

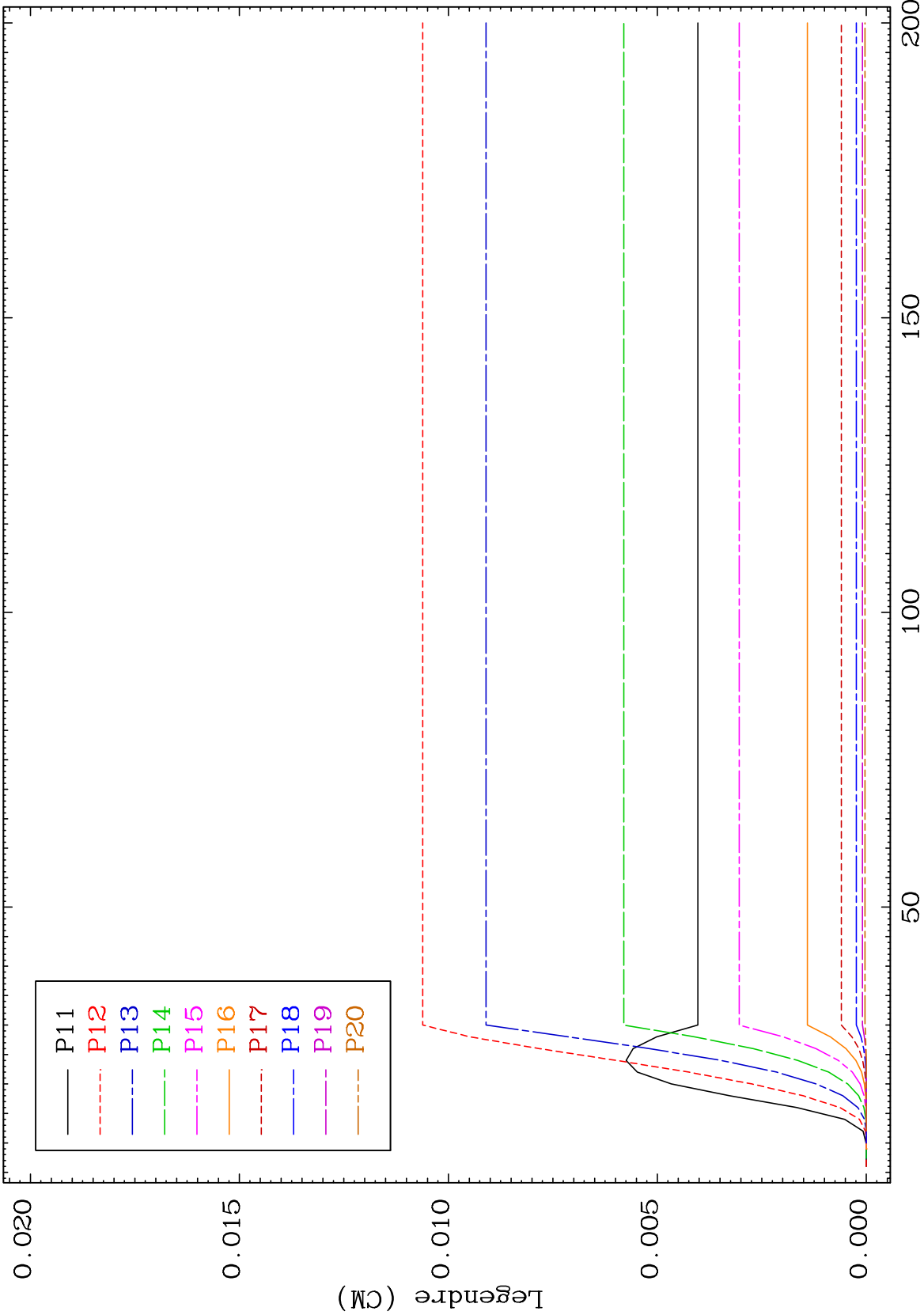
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40

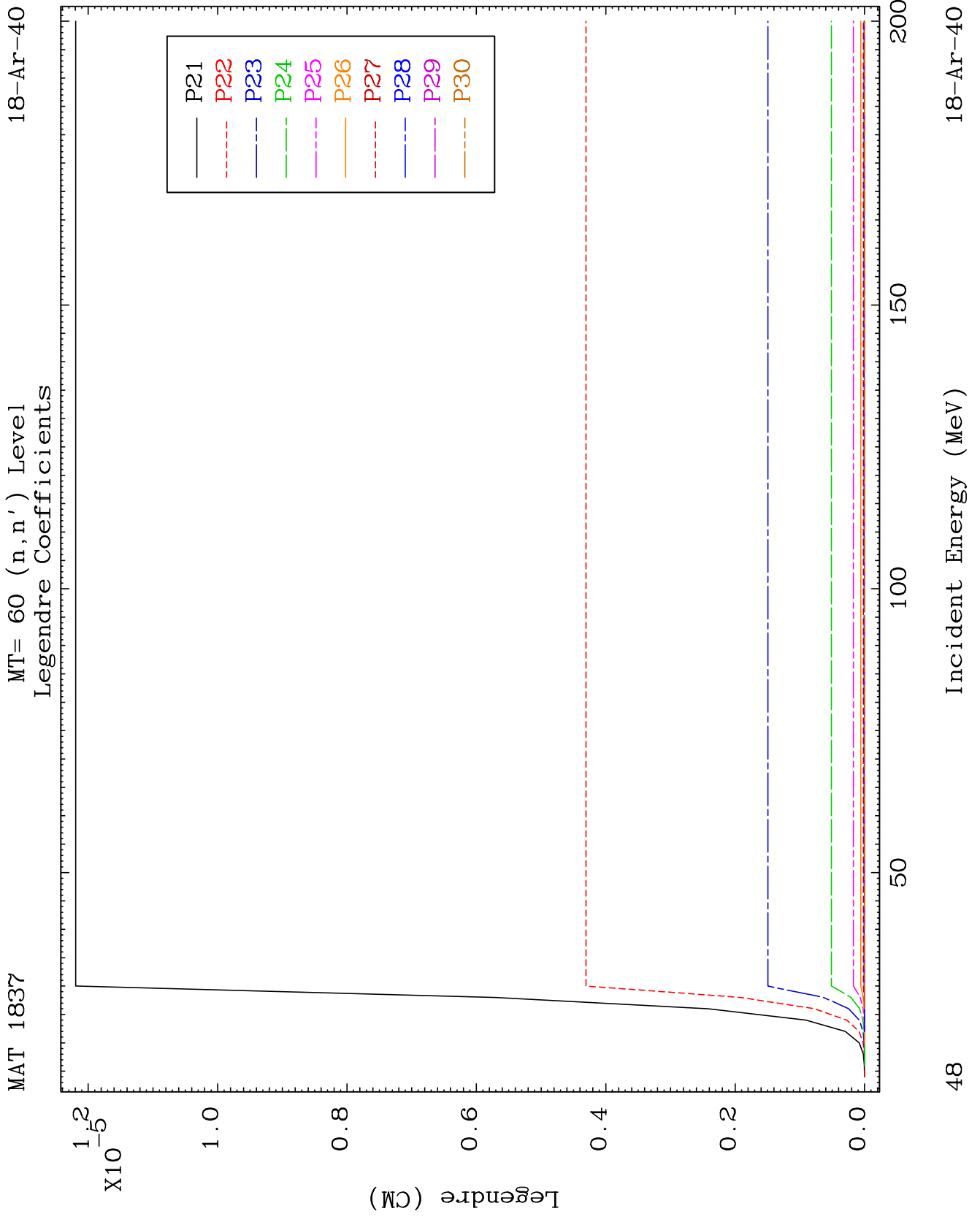


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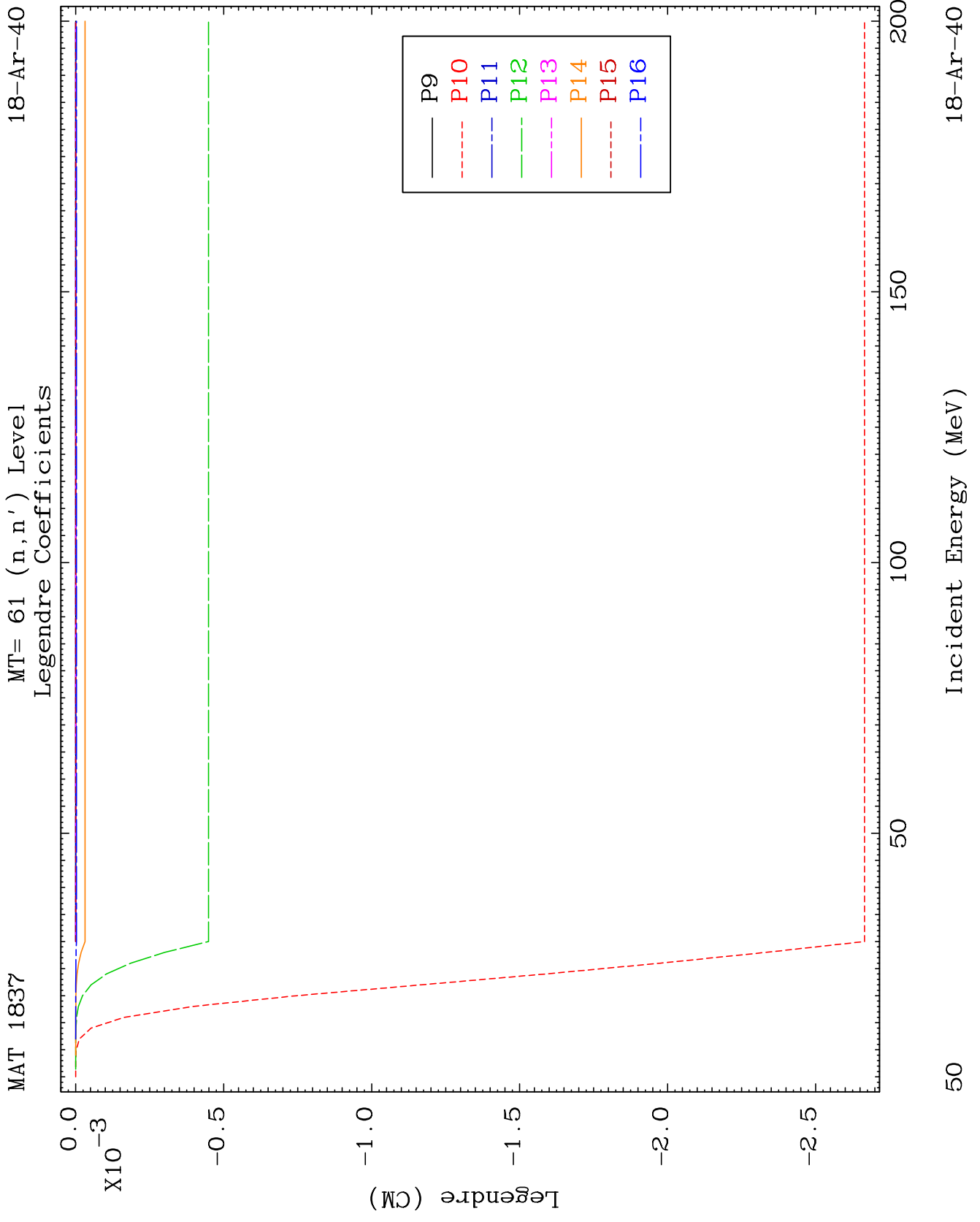
Incident Energy (MeV)

18-Ar-40

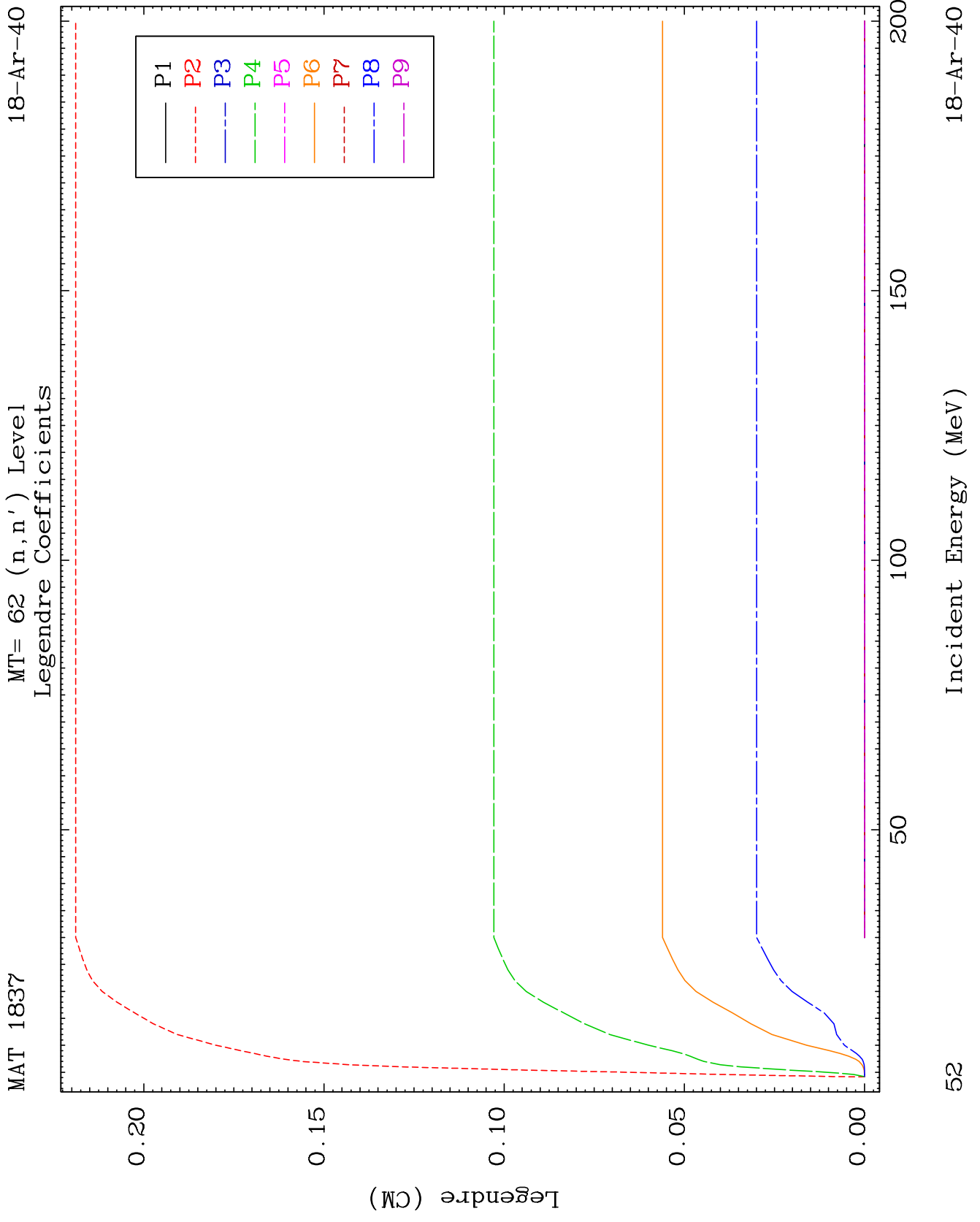








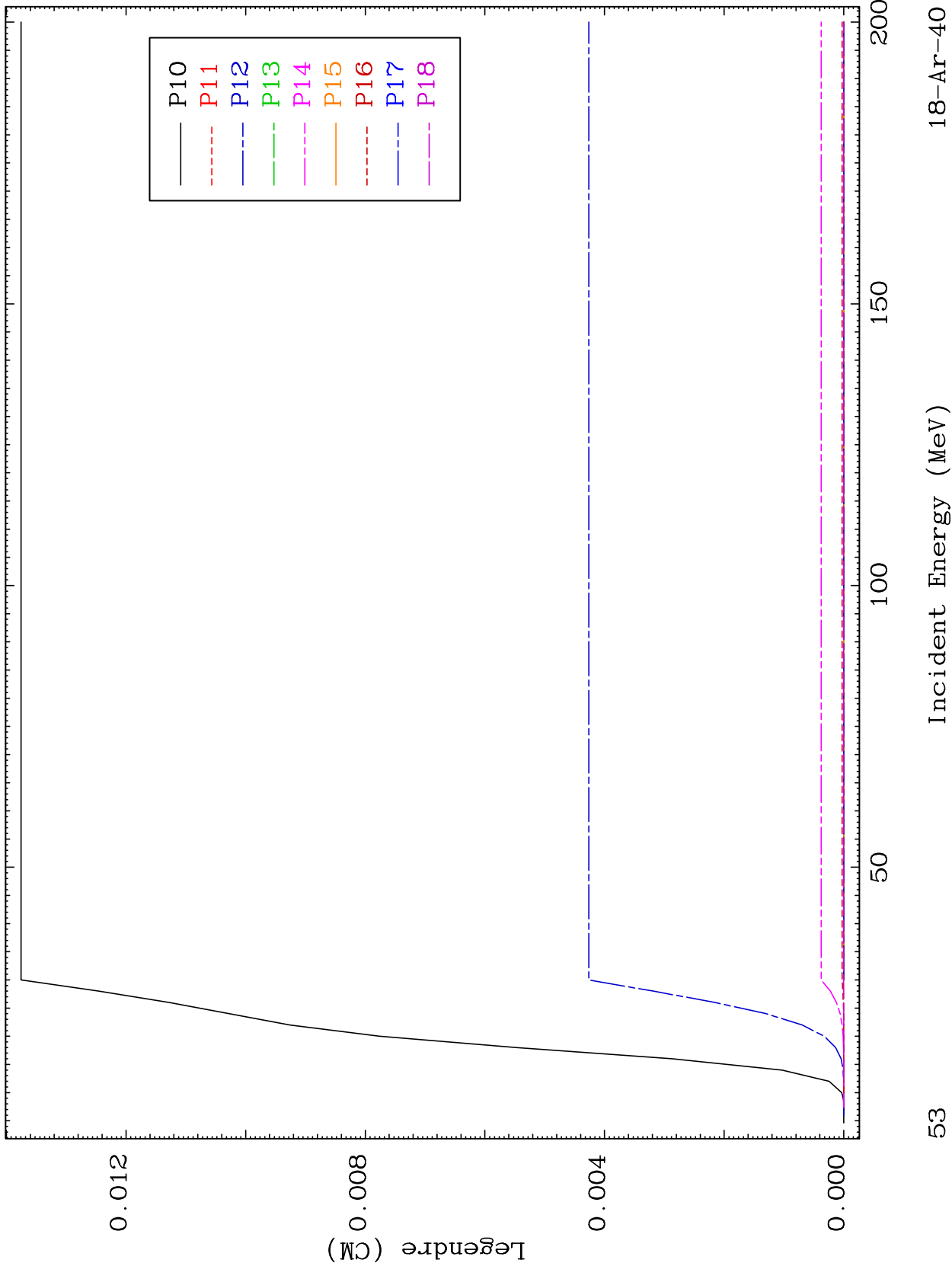




MAT 1837

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

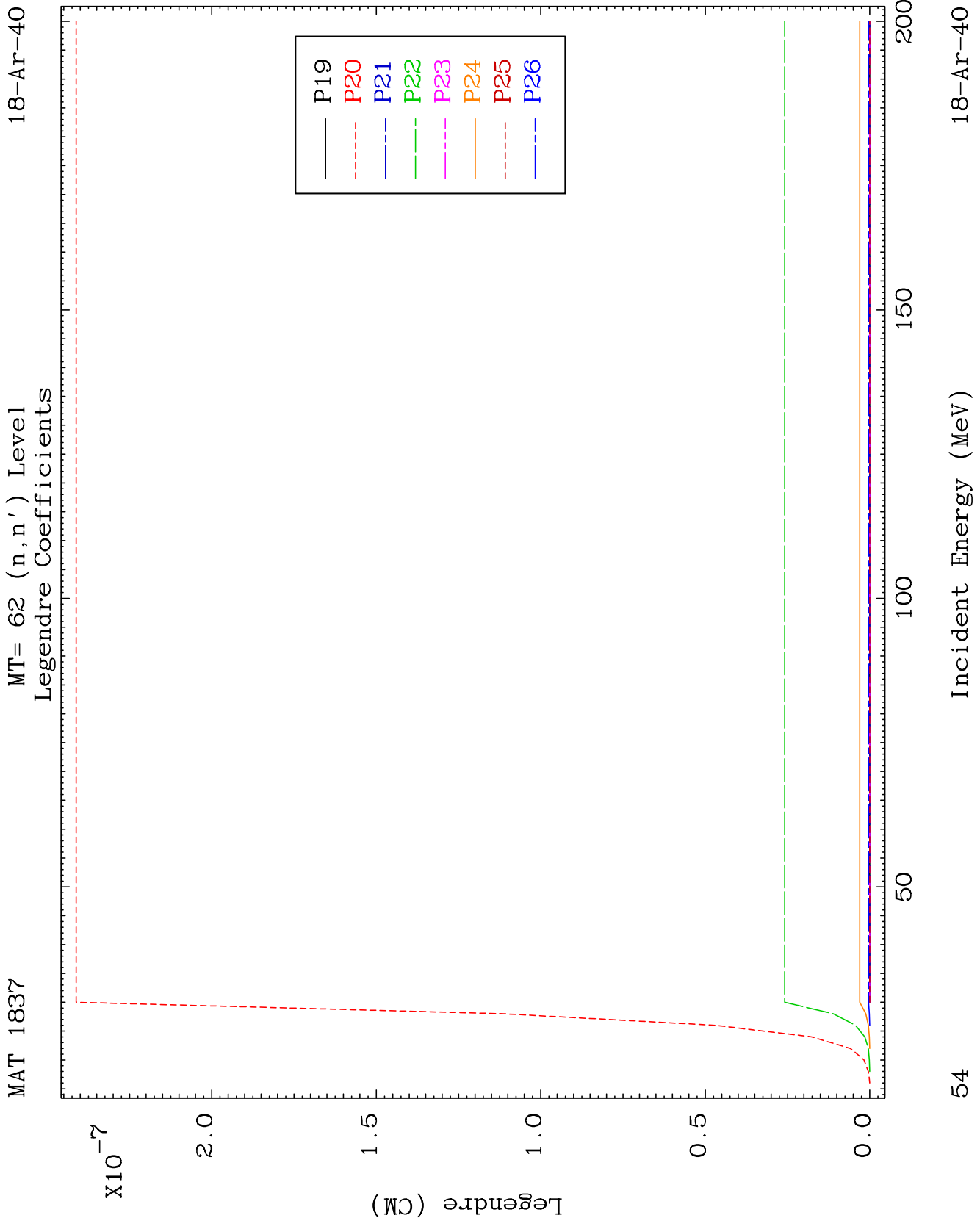
18-Ar-40



53

Incident Energy (MeV)

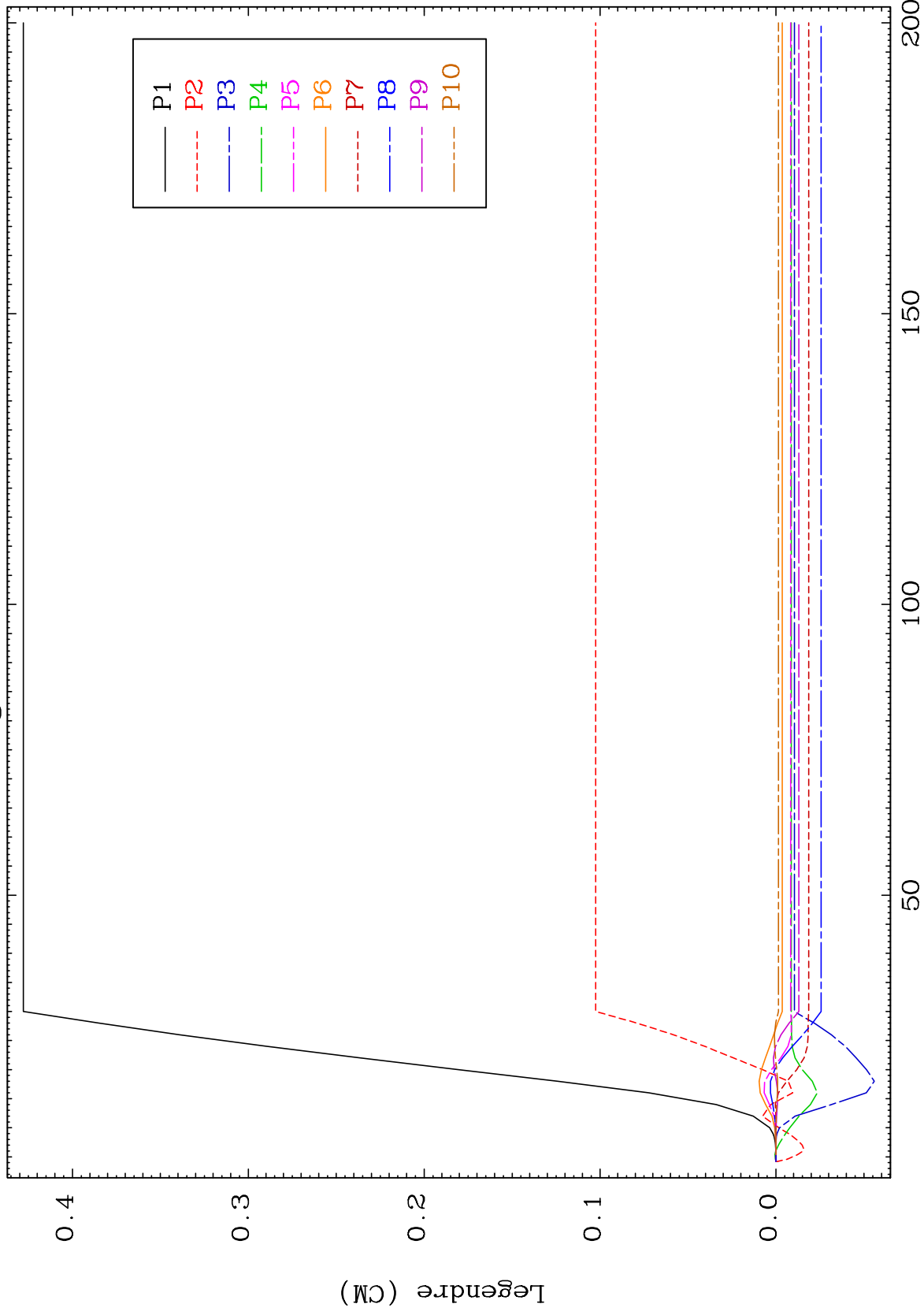
18-Ar-40



MAT 1837

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

18-Ar-40



55

Incident Energy (MeV)

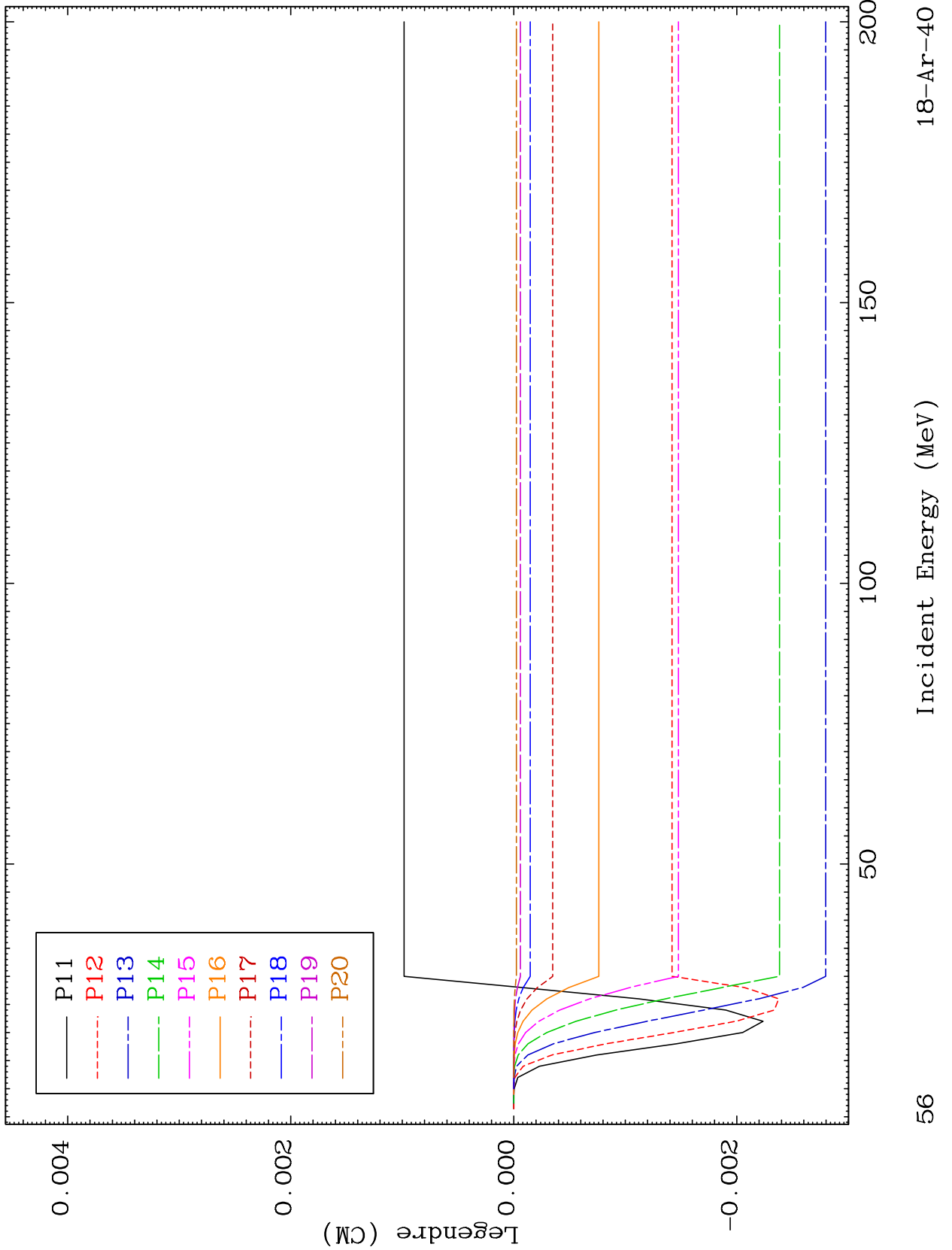
18-Ar-40

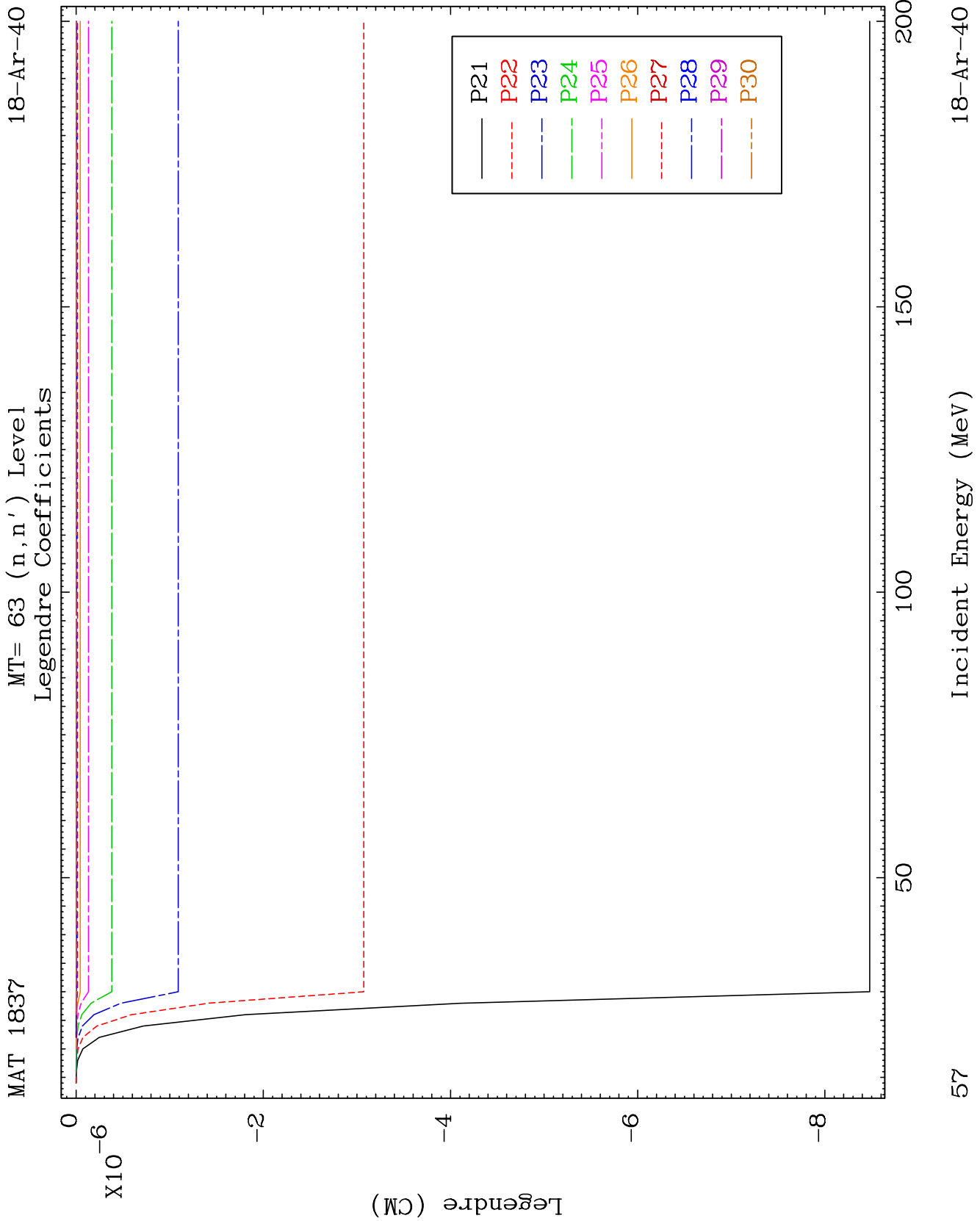


MAT 1837

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

18-Ar-40

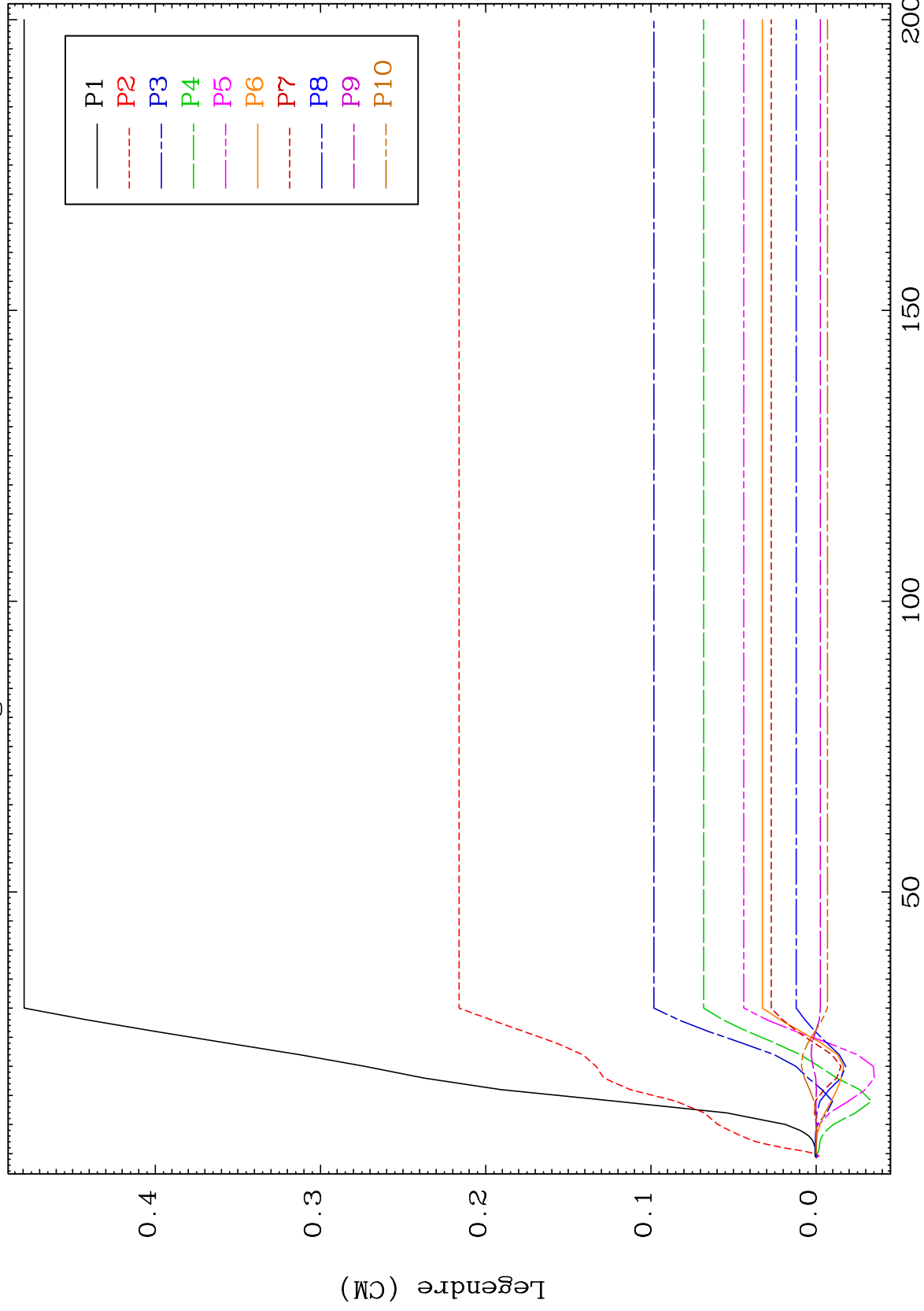




MAT 1837

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

18-Ar-40



58

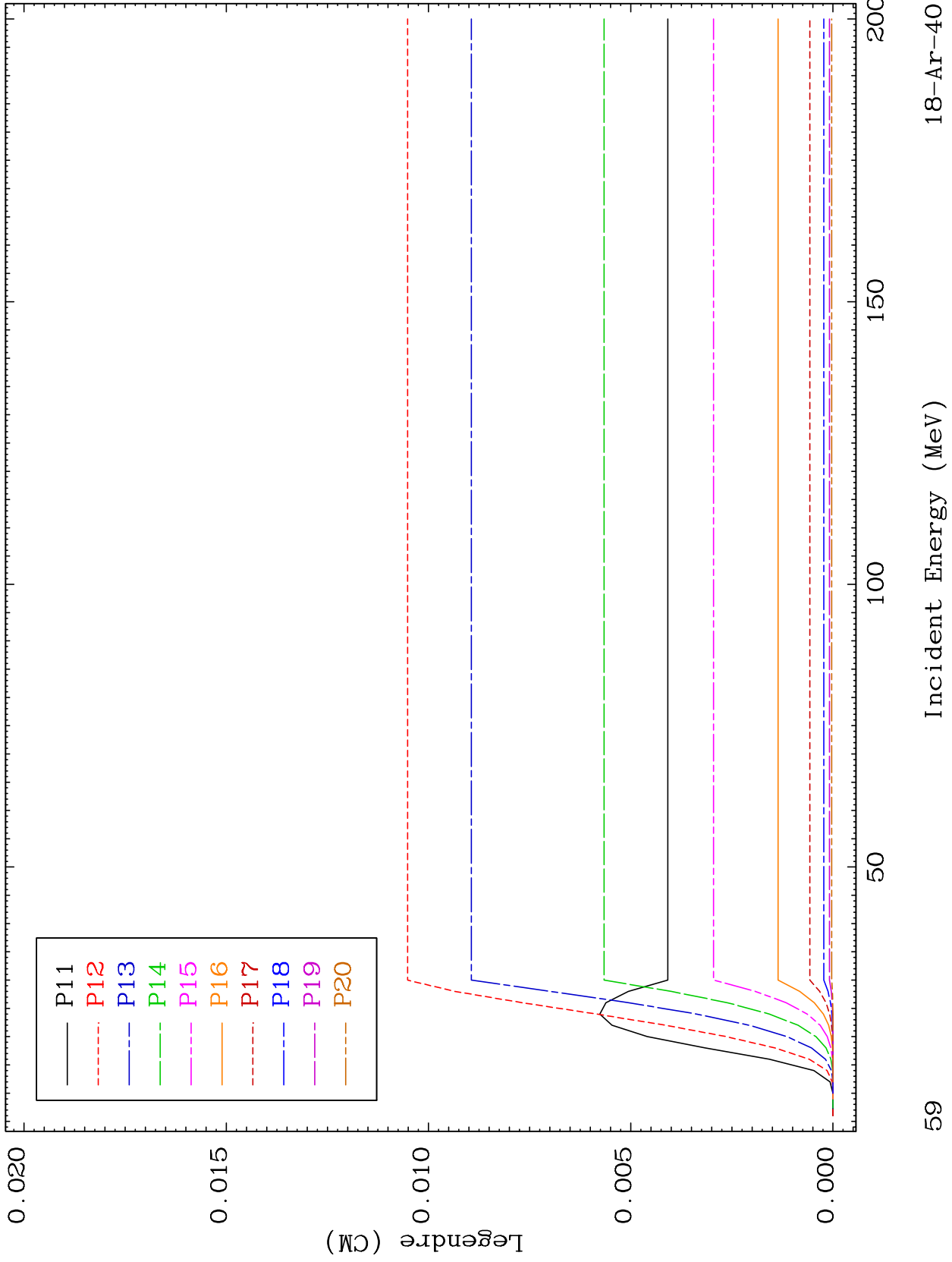
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

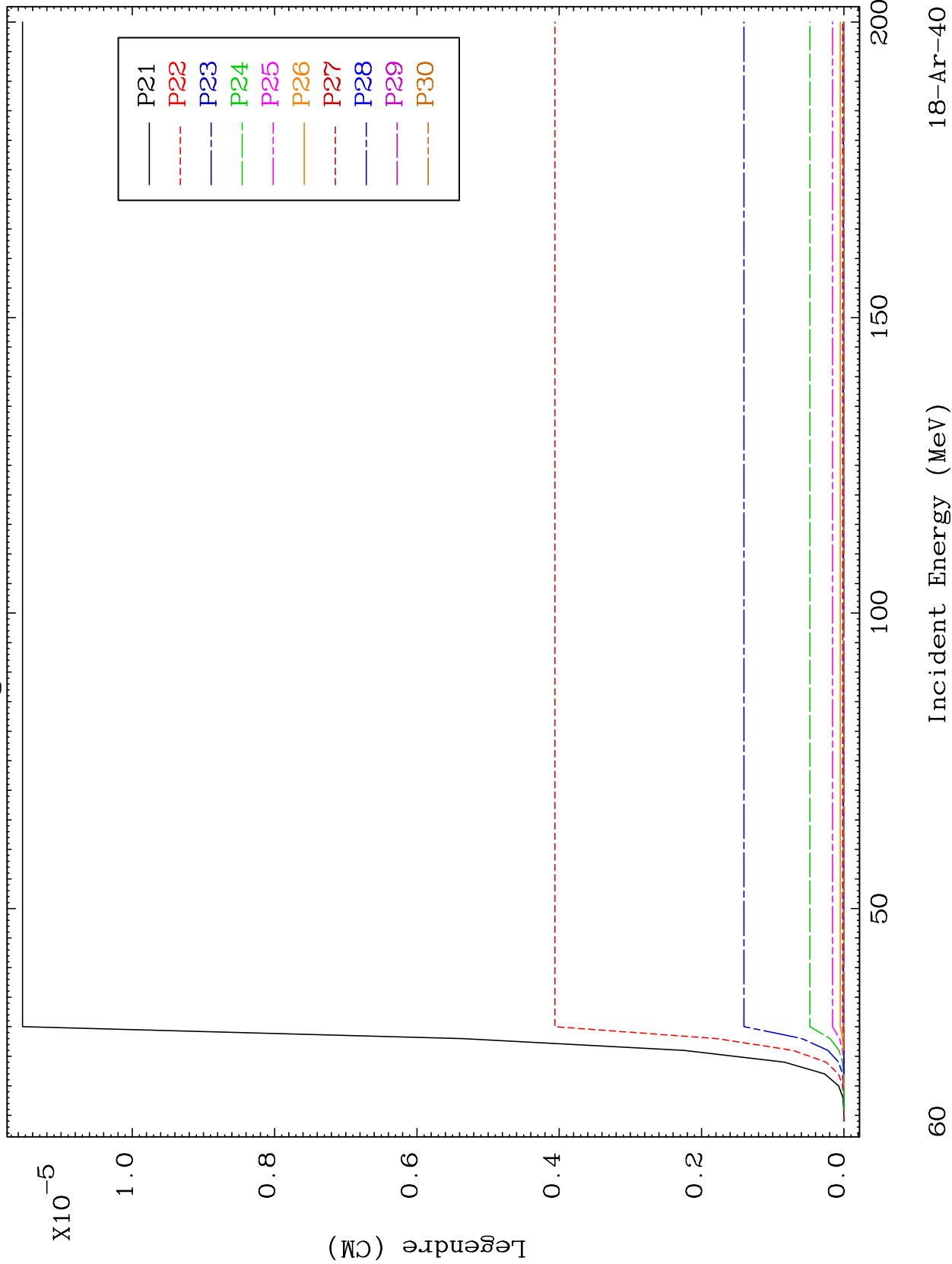
18-Ar-40



MAT 1837

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

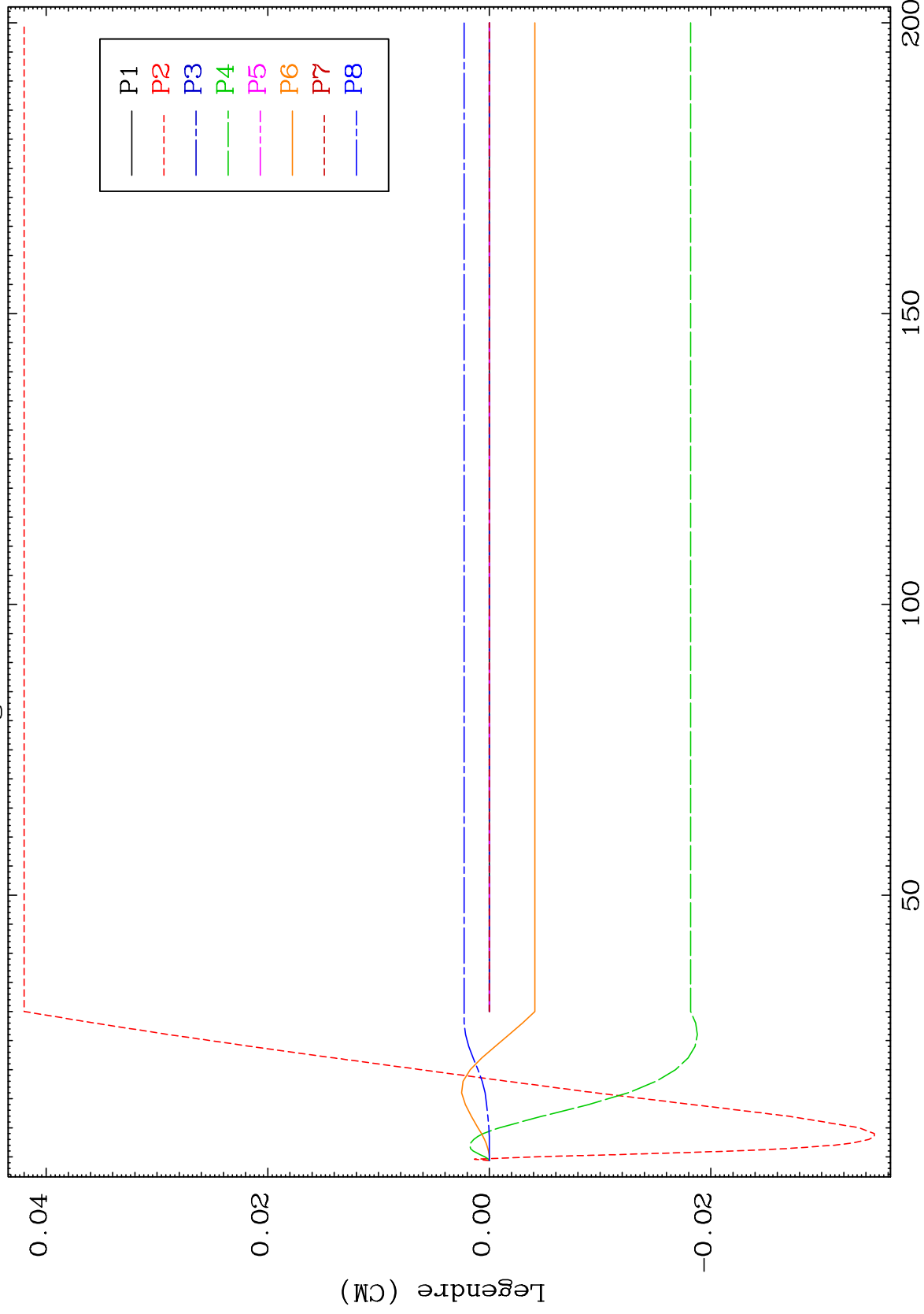
18-Ar-40



MAT 1837

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

18-Ar-40



61

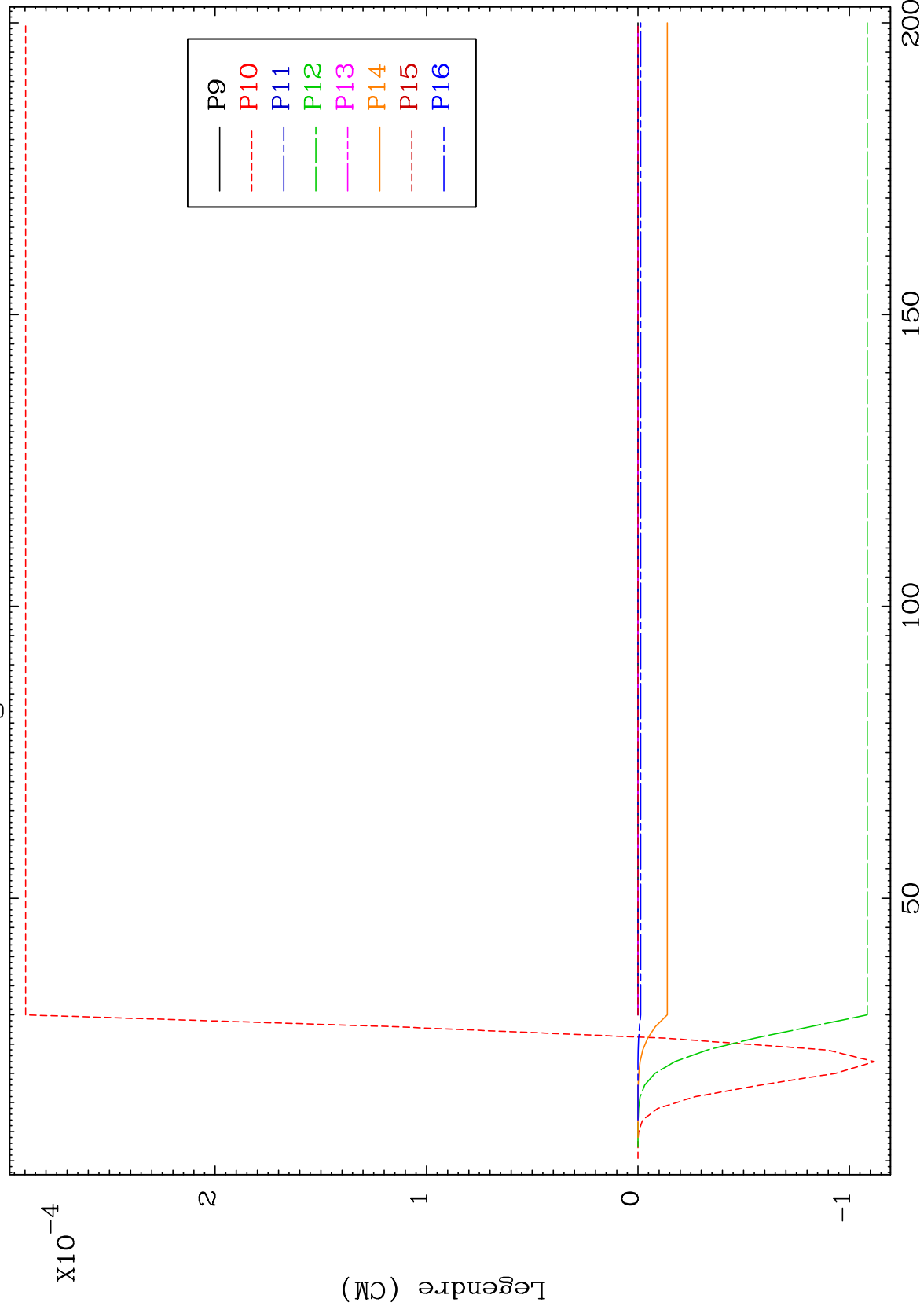
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

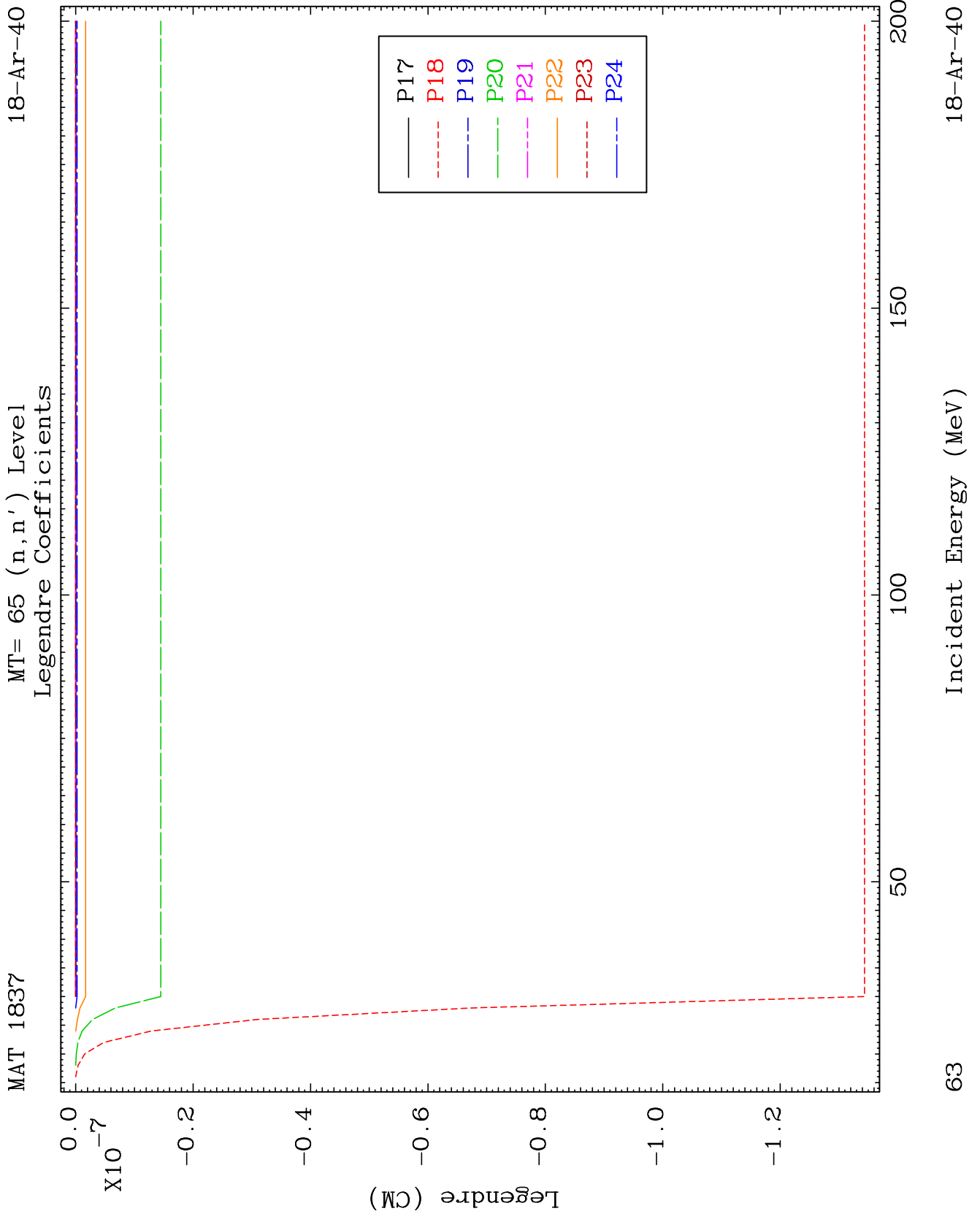
18-Ar-40



62

18-Ar-40

18-Ar-40

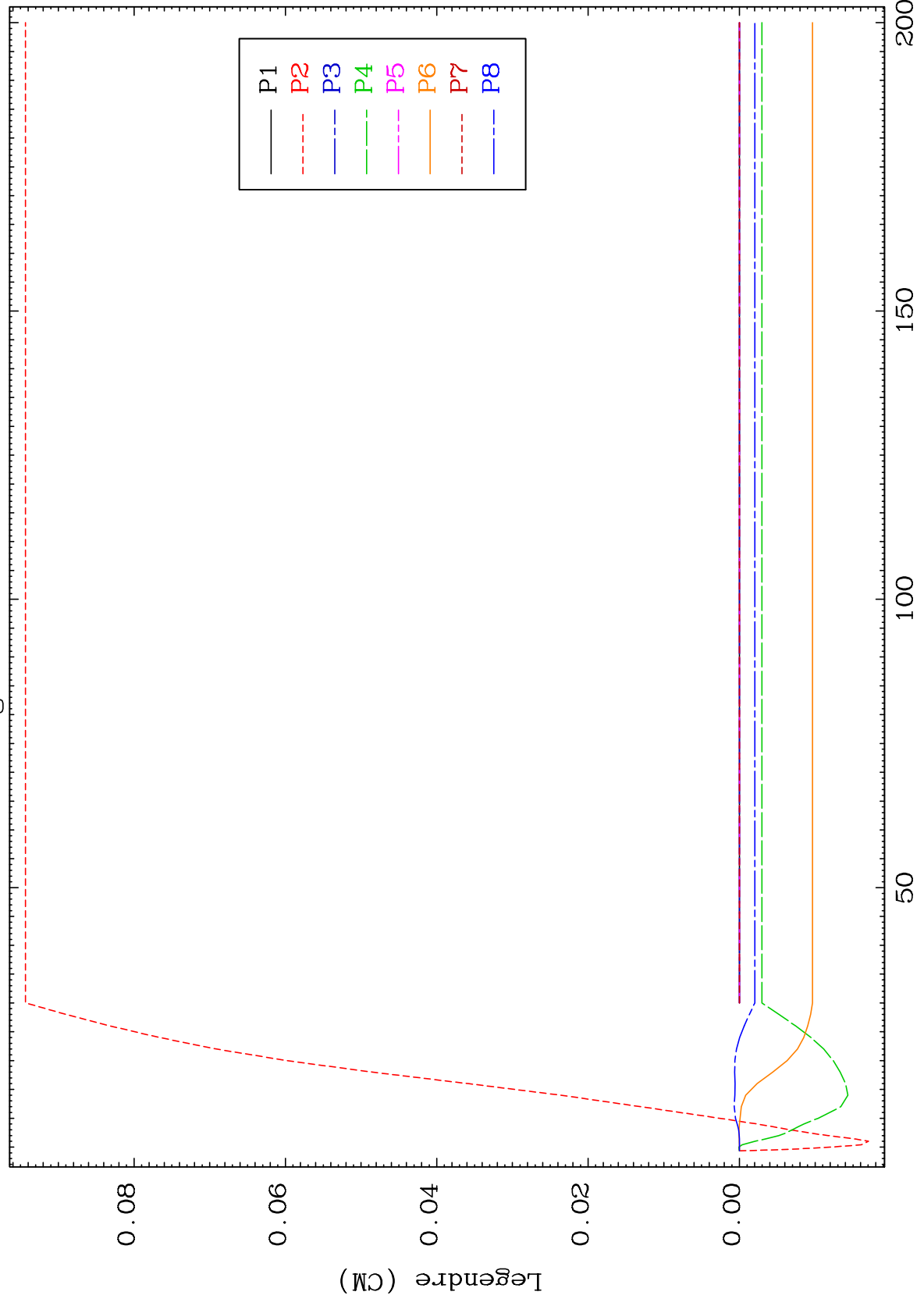




MAT 1837

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

18-Ar-40



64

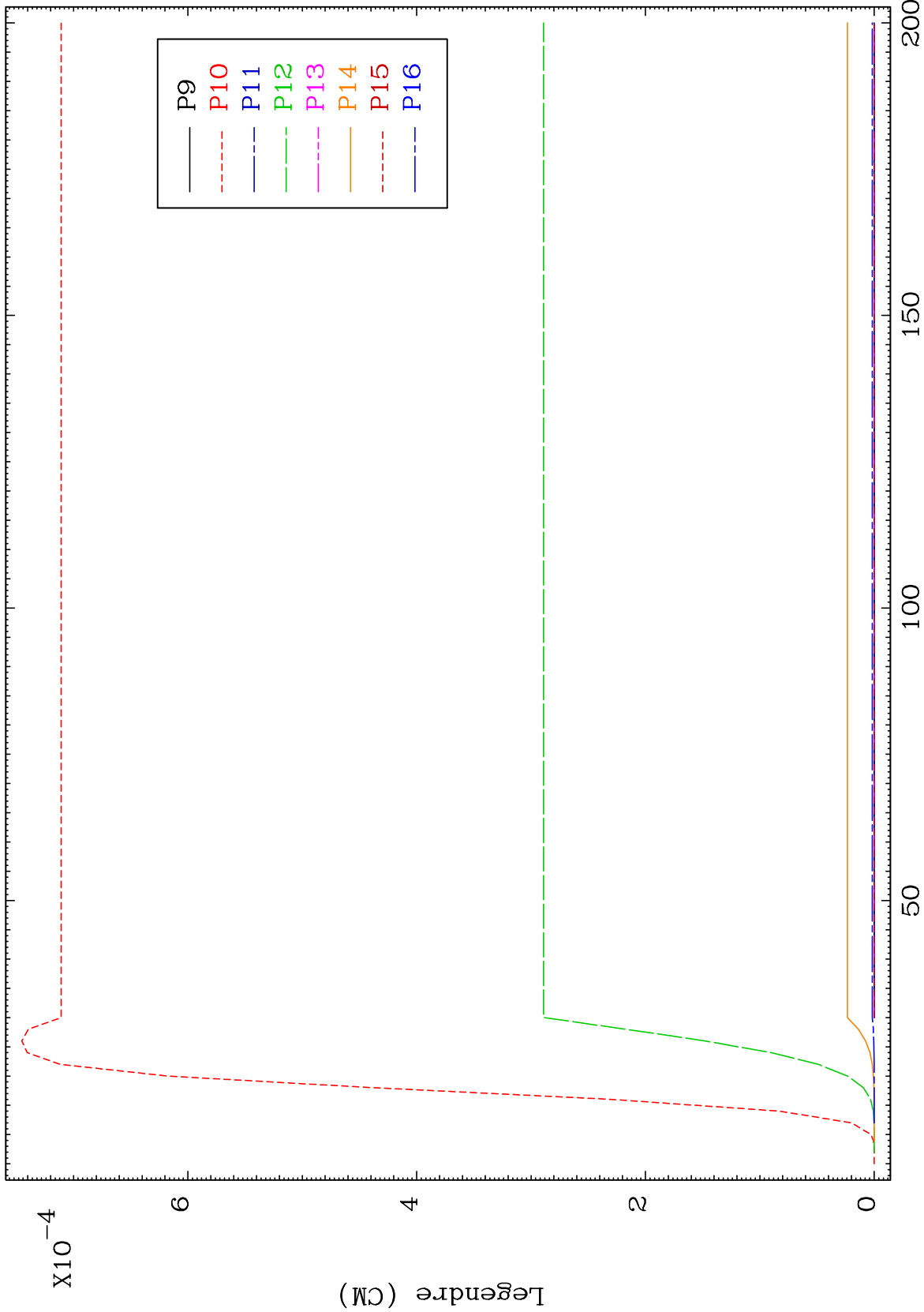
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

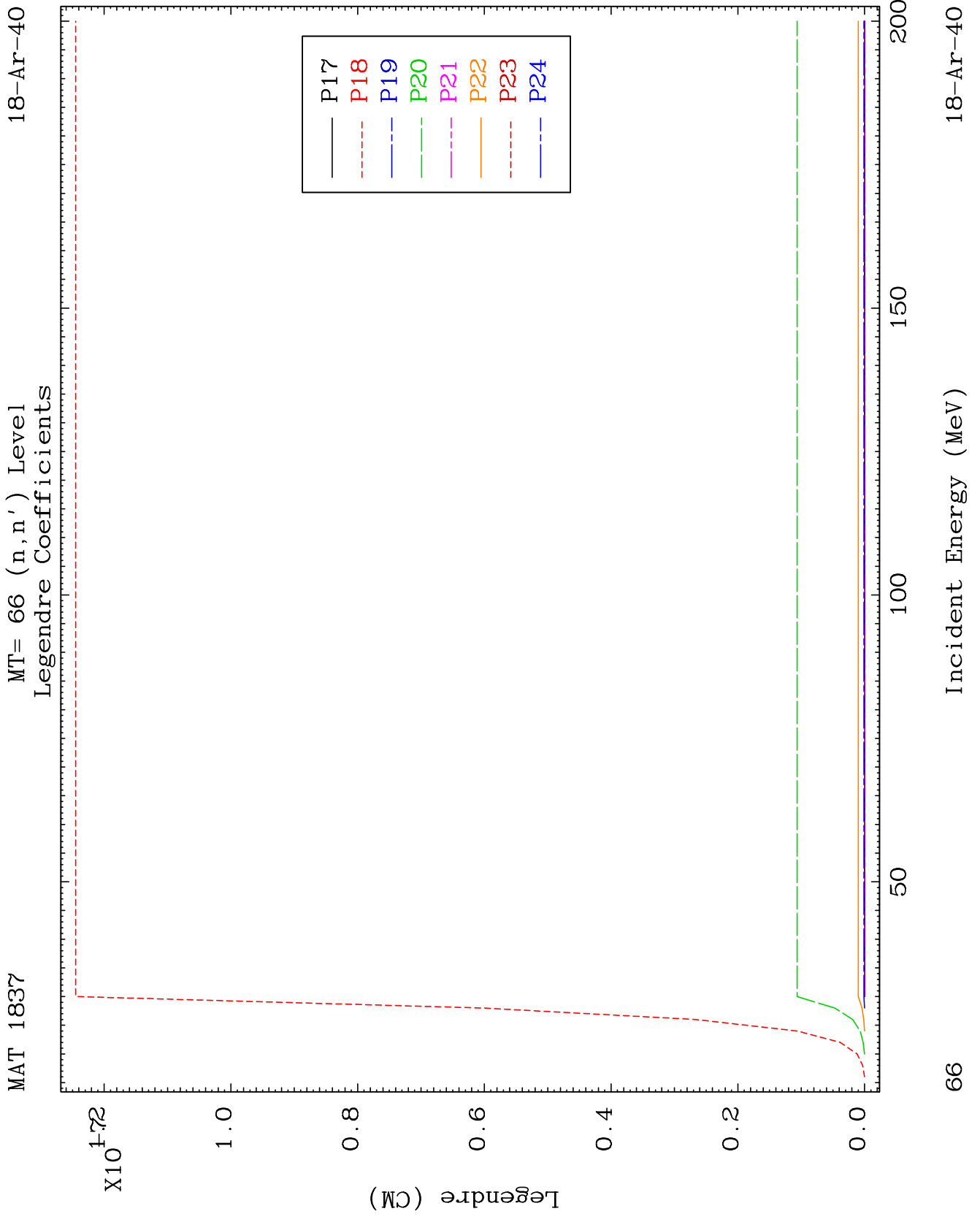
18-Ar-40



65

Incident Energy (MeV)

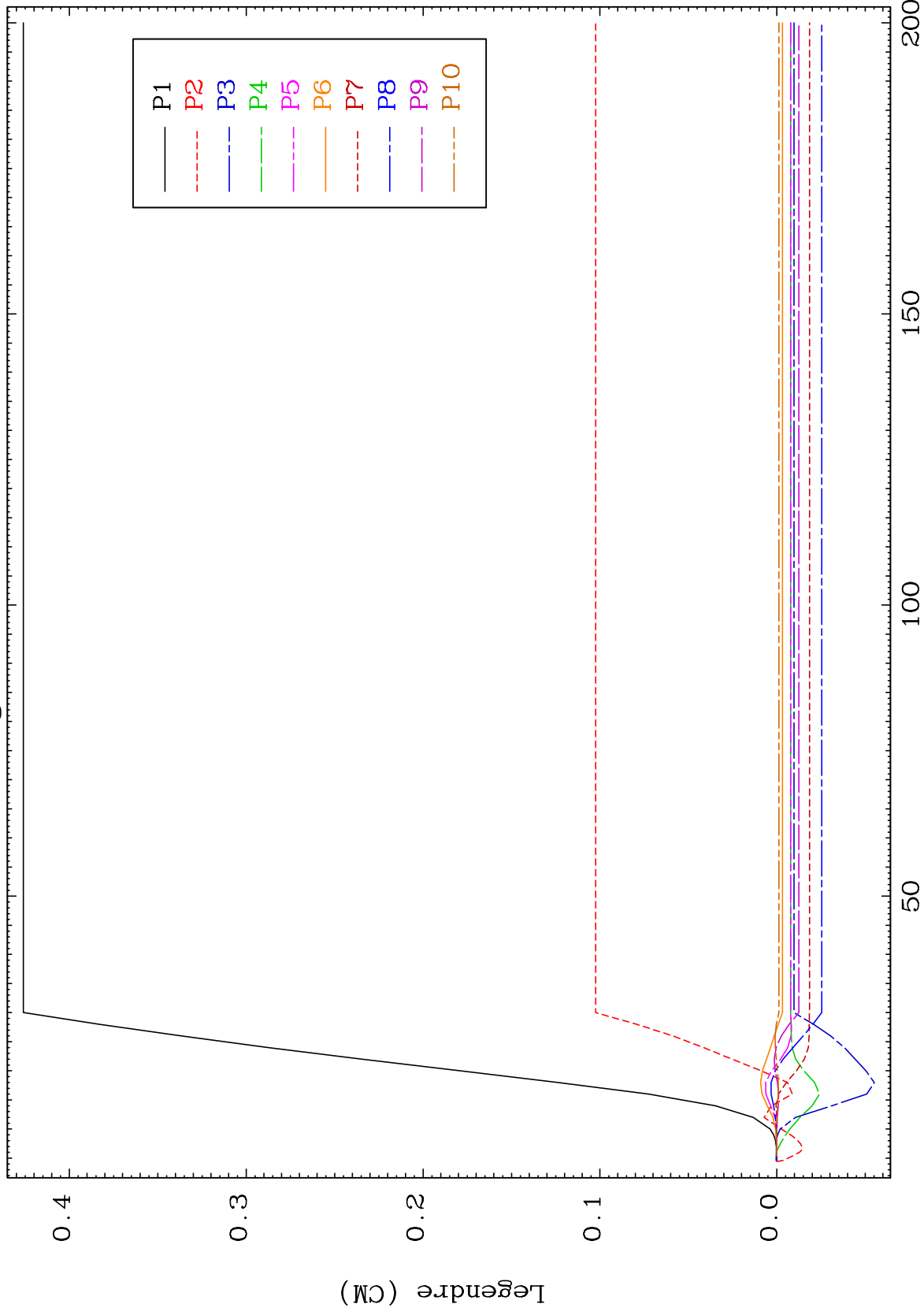
18-Ar-40



MAT 1837

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

18-Ar-40



67

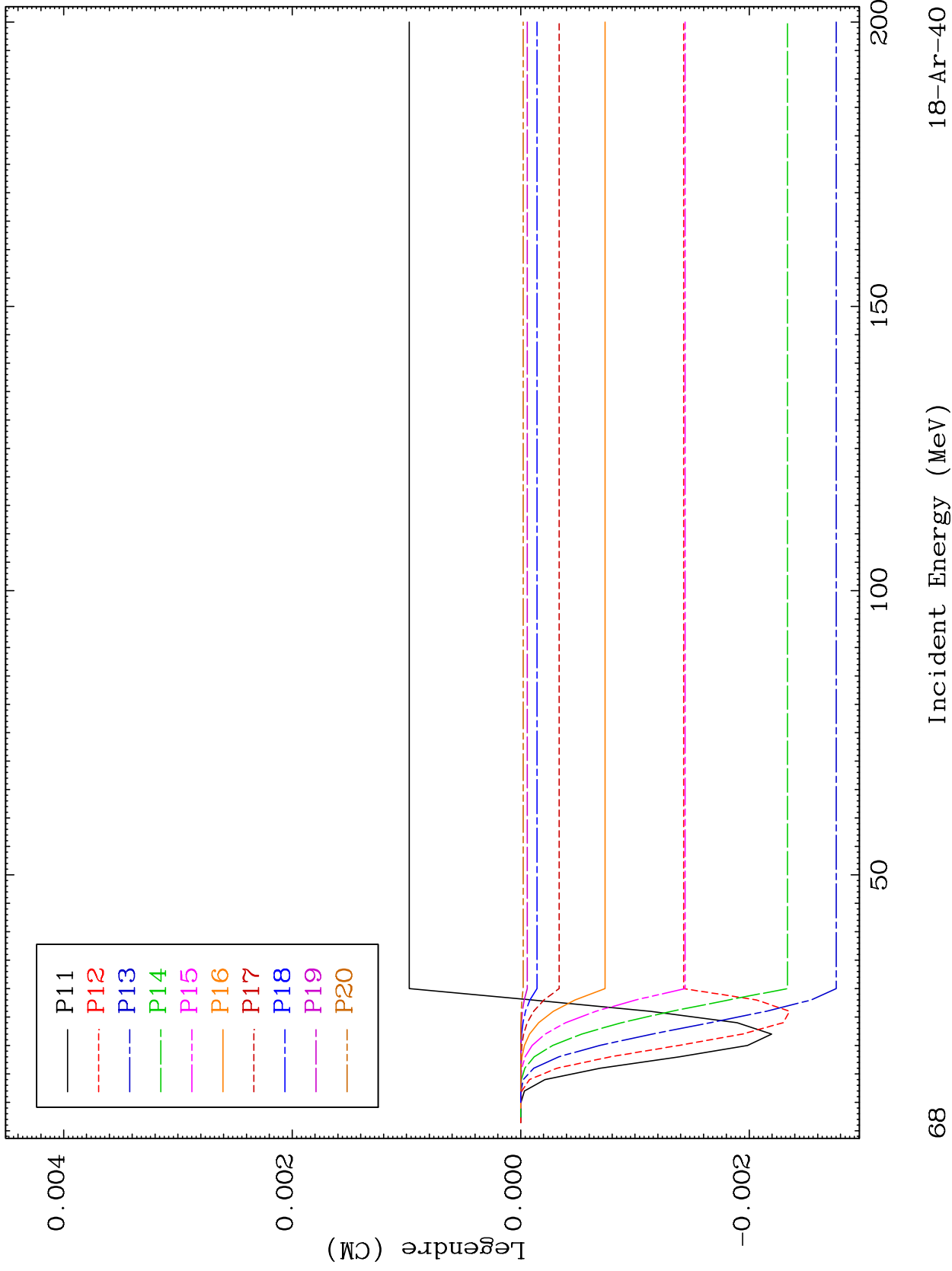
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

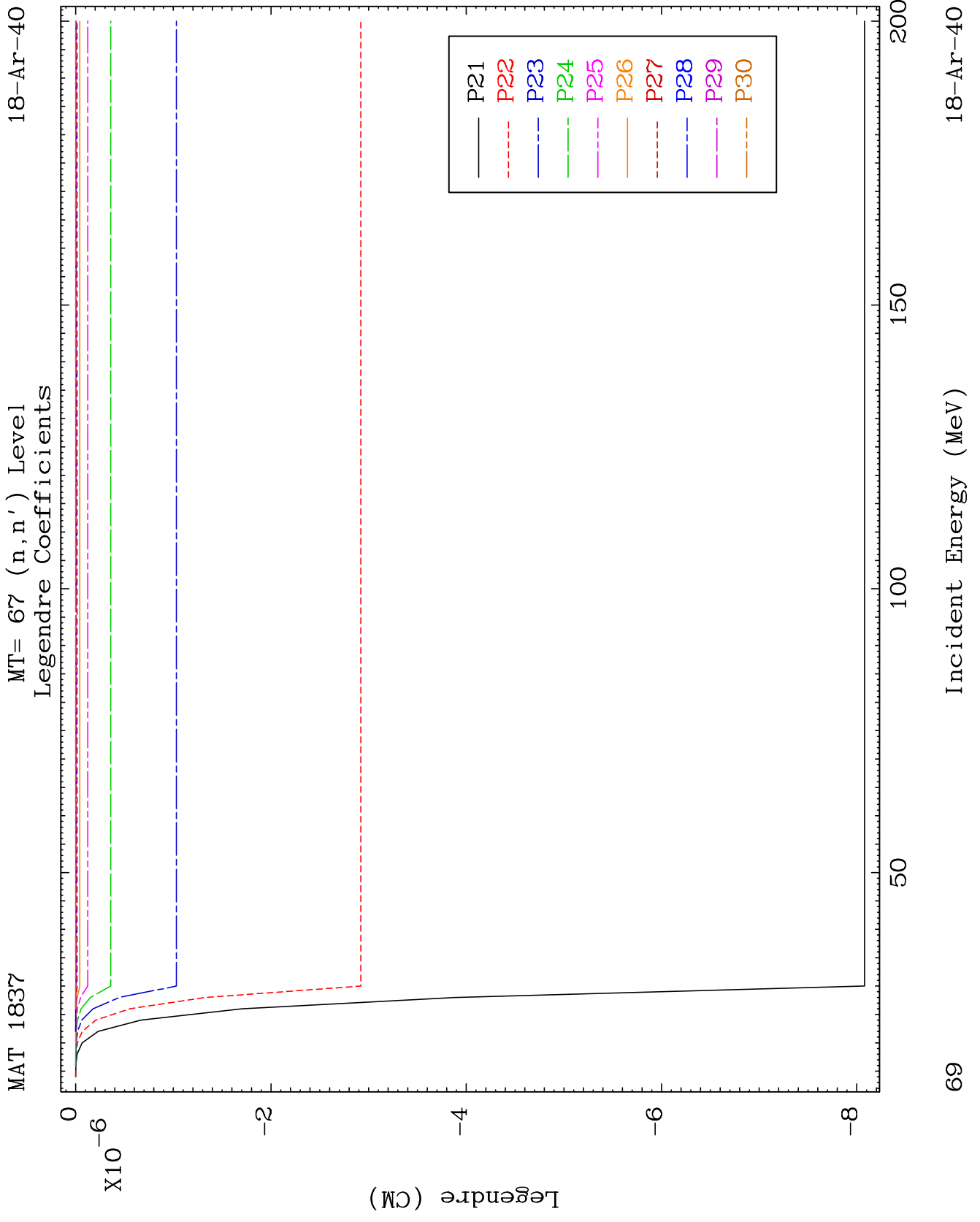
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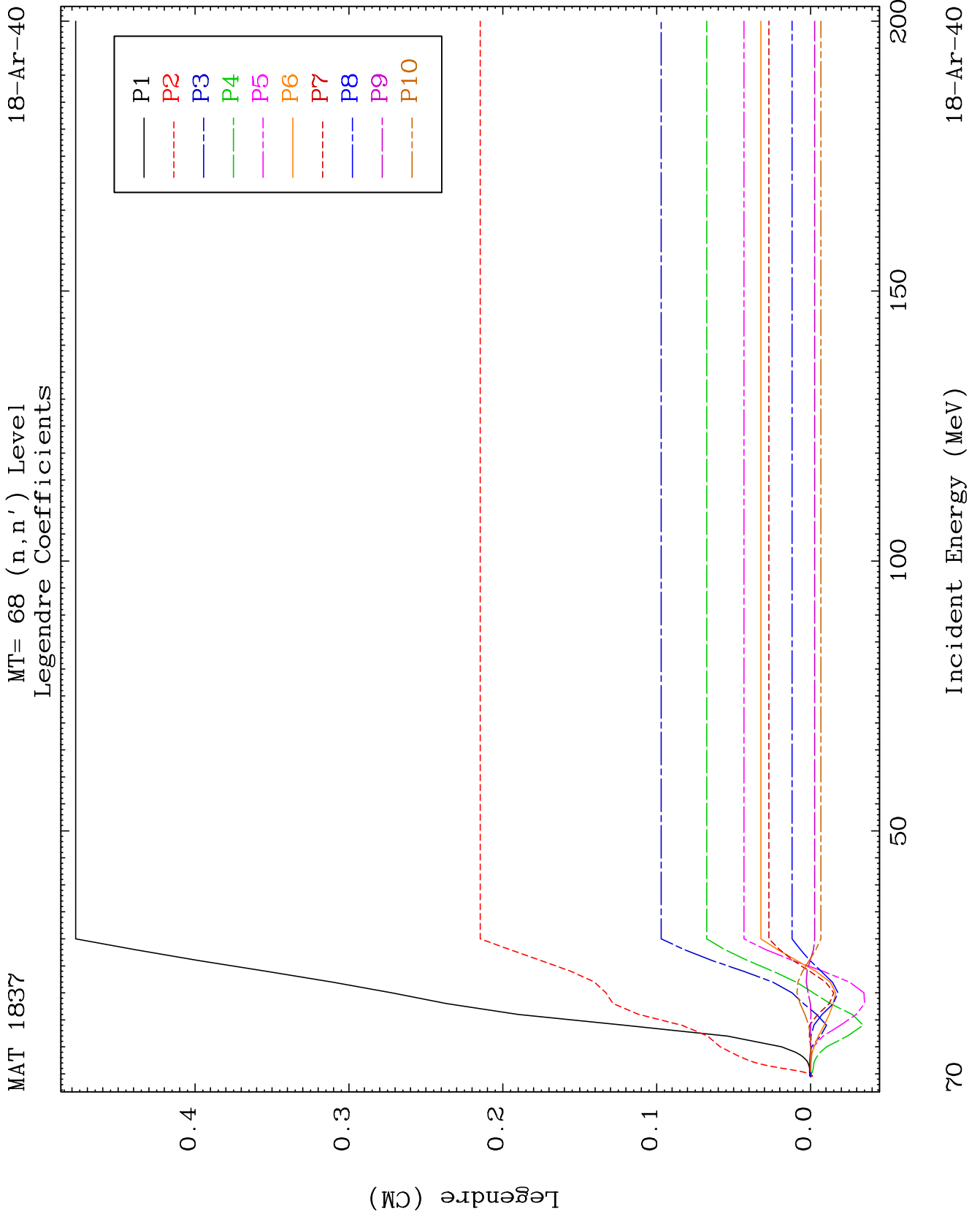


68

Incident Energy (MeV)

18-Ar-40

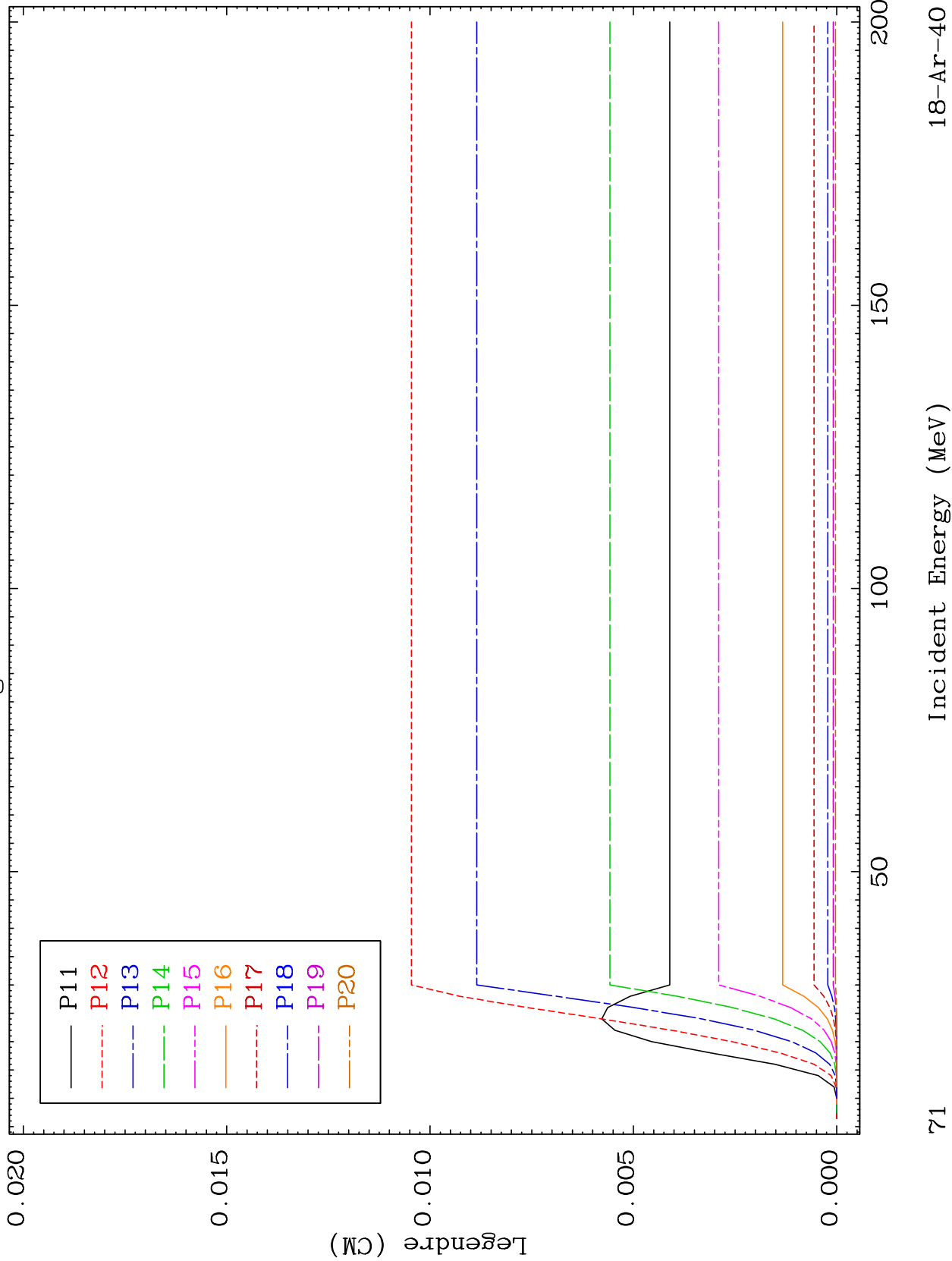




MAT 1837

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

18-Ar-40

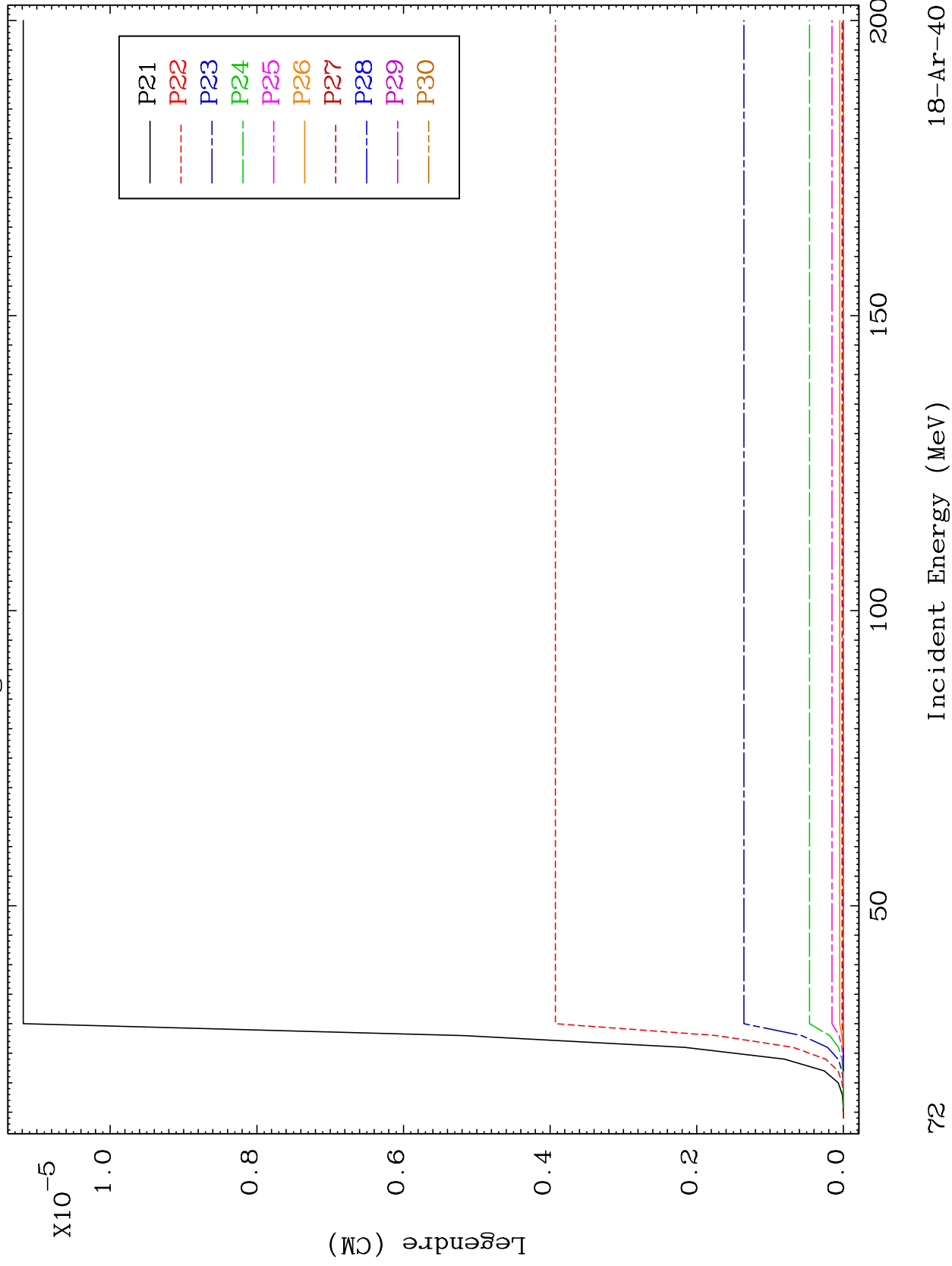




MAT 1837

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

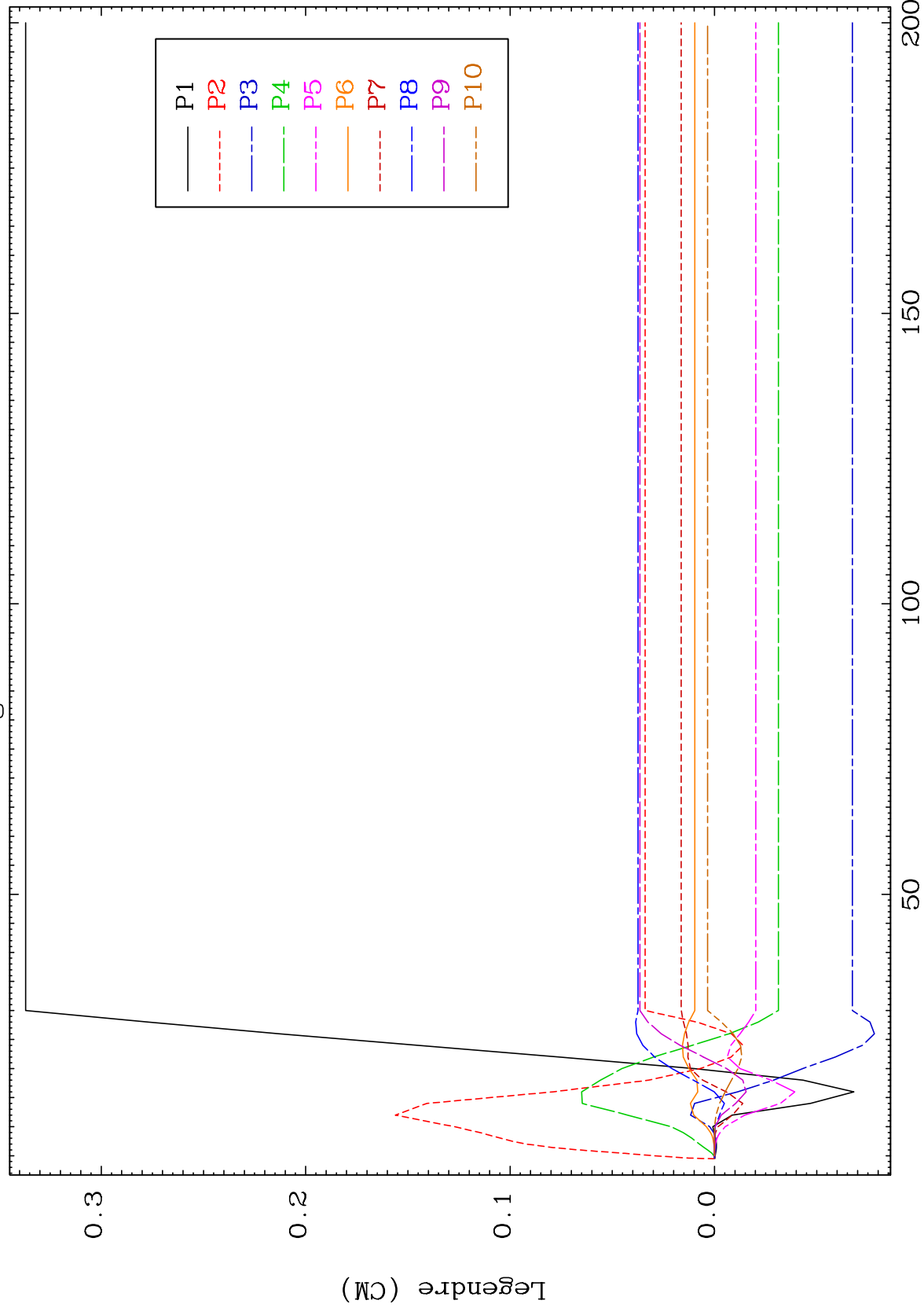
18-Ar-40



MAT 1837

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

18-Ar-40



73

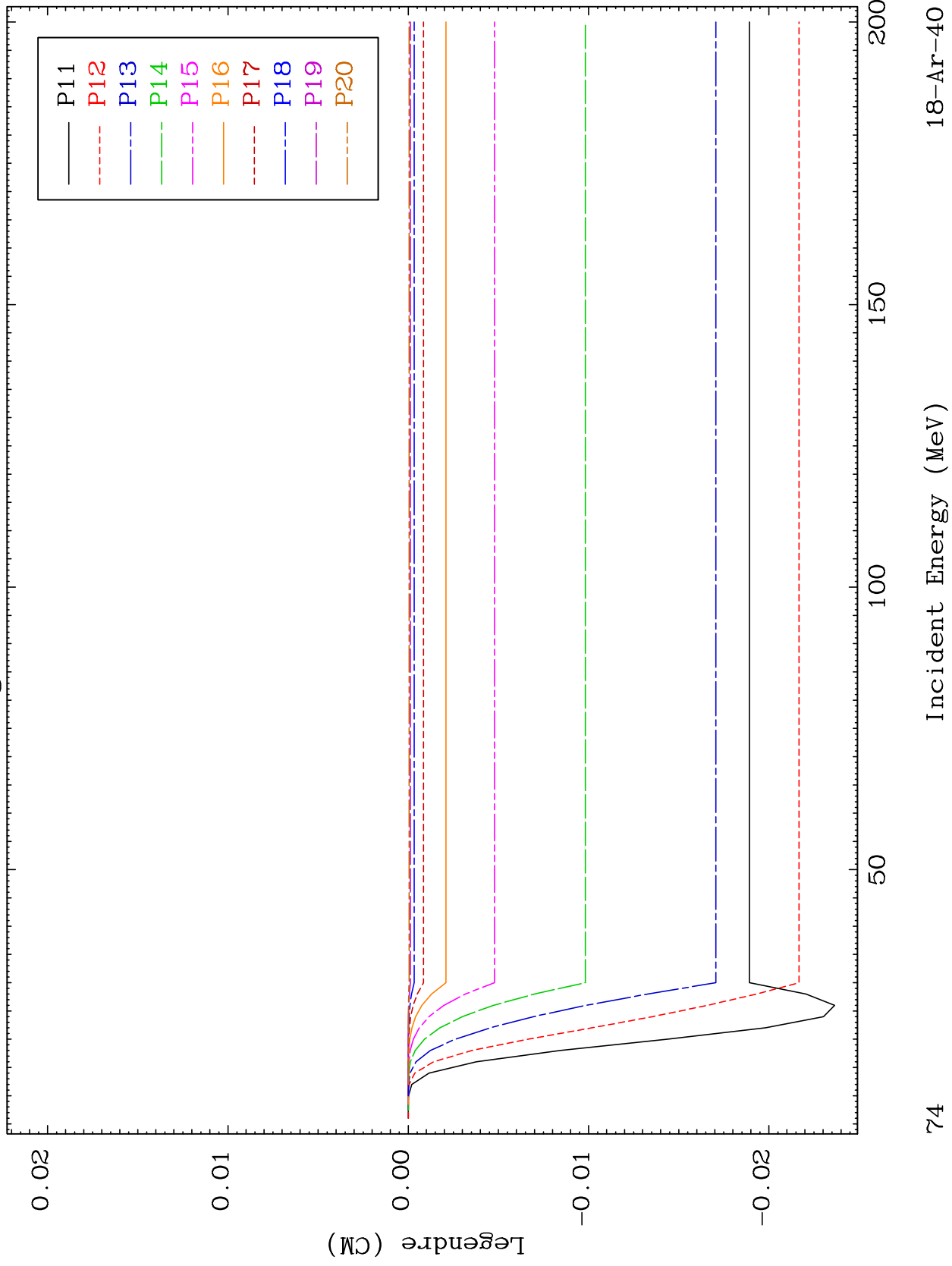
Incident Energy (MeV)

18-Ar-40

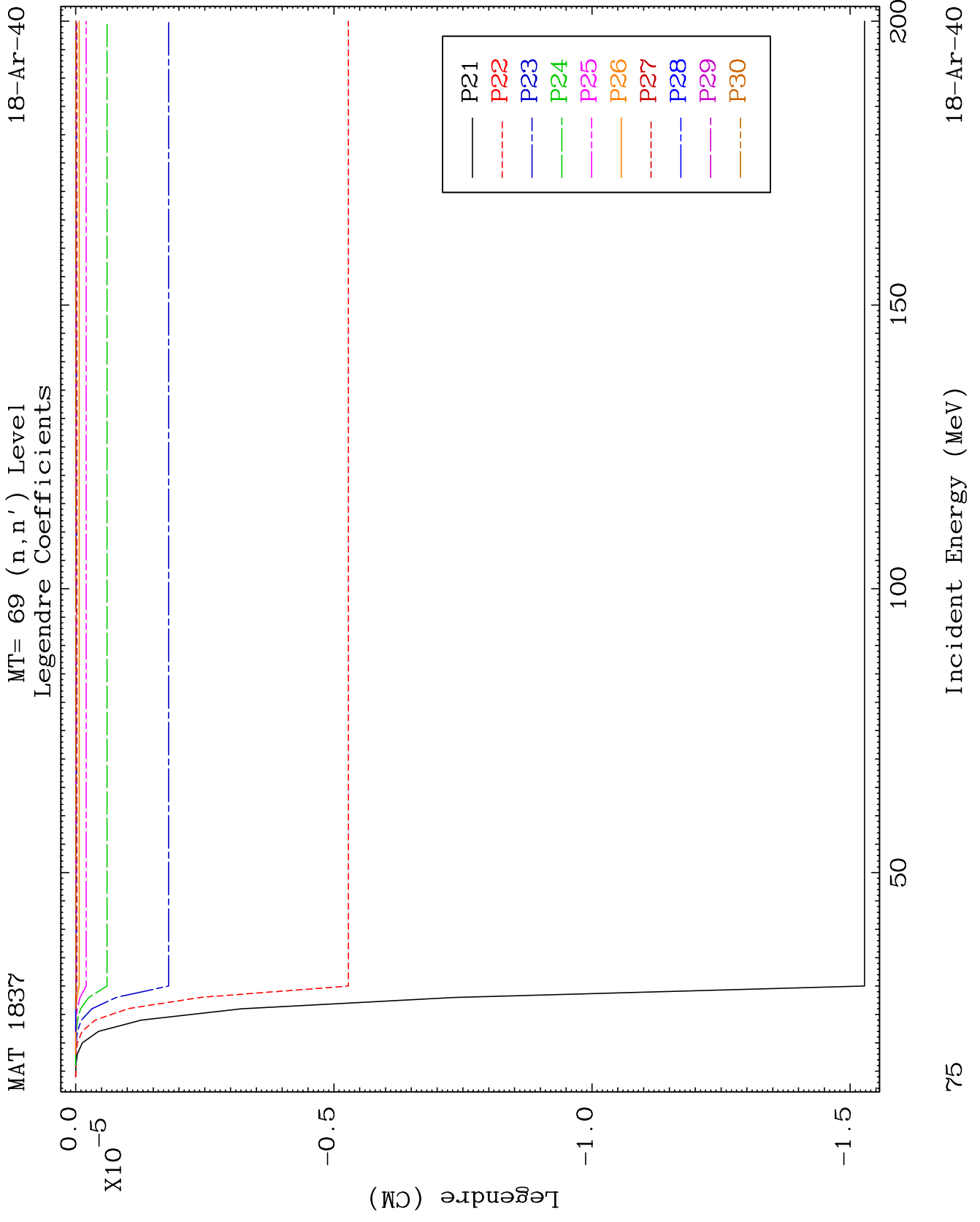
MAT 1837

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

18-Ar-40



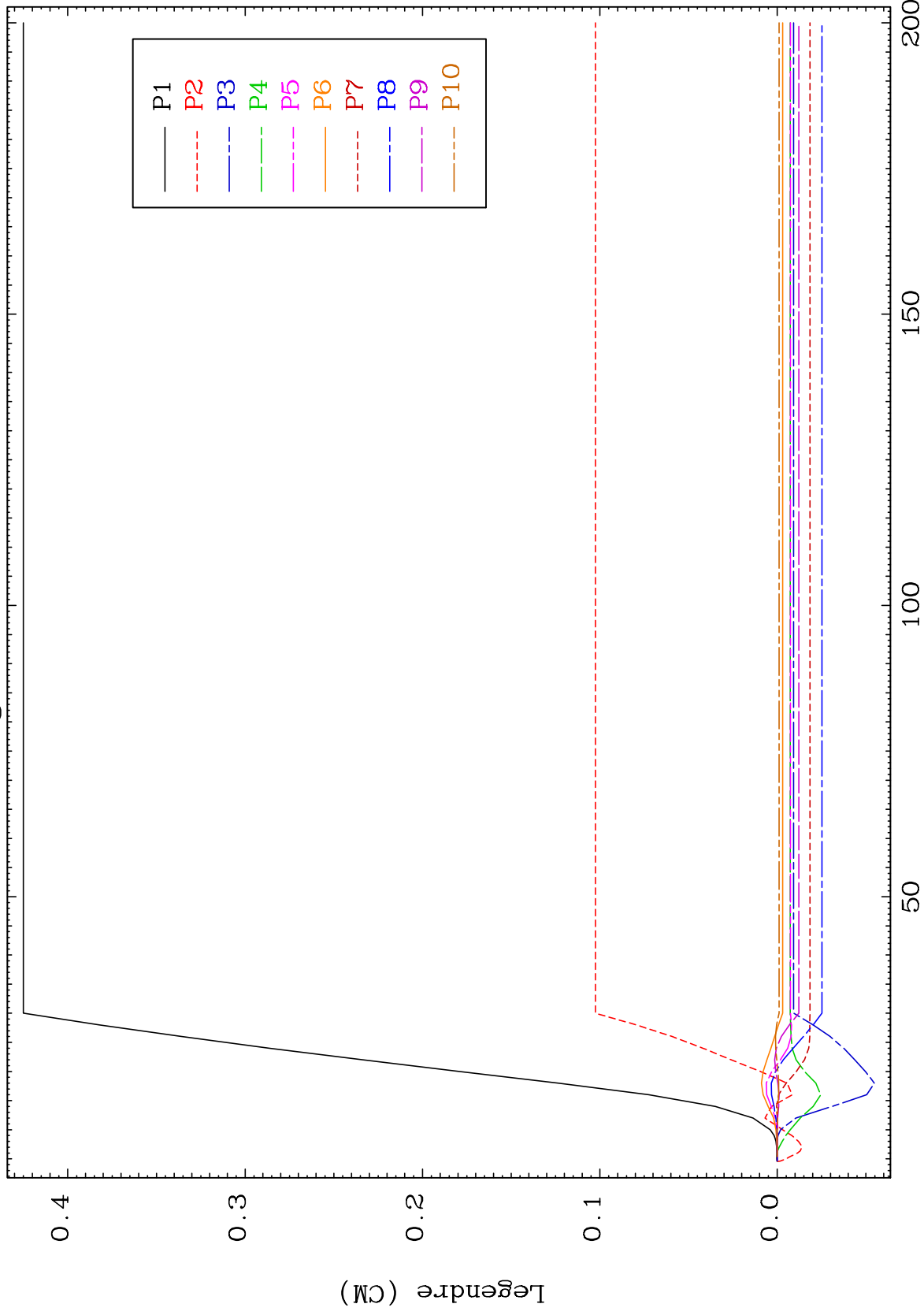
74



MAT 1837

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

18-Ar-40



76

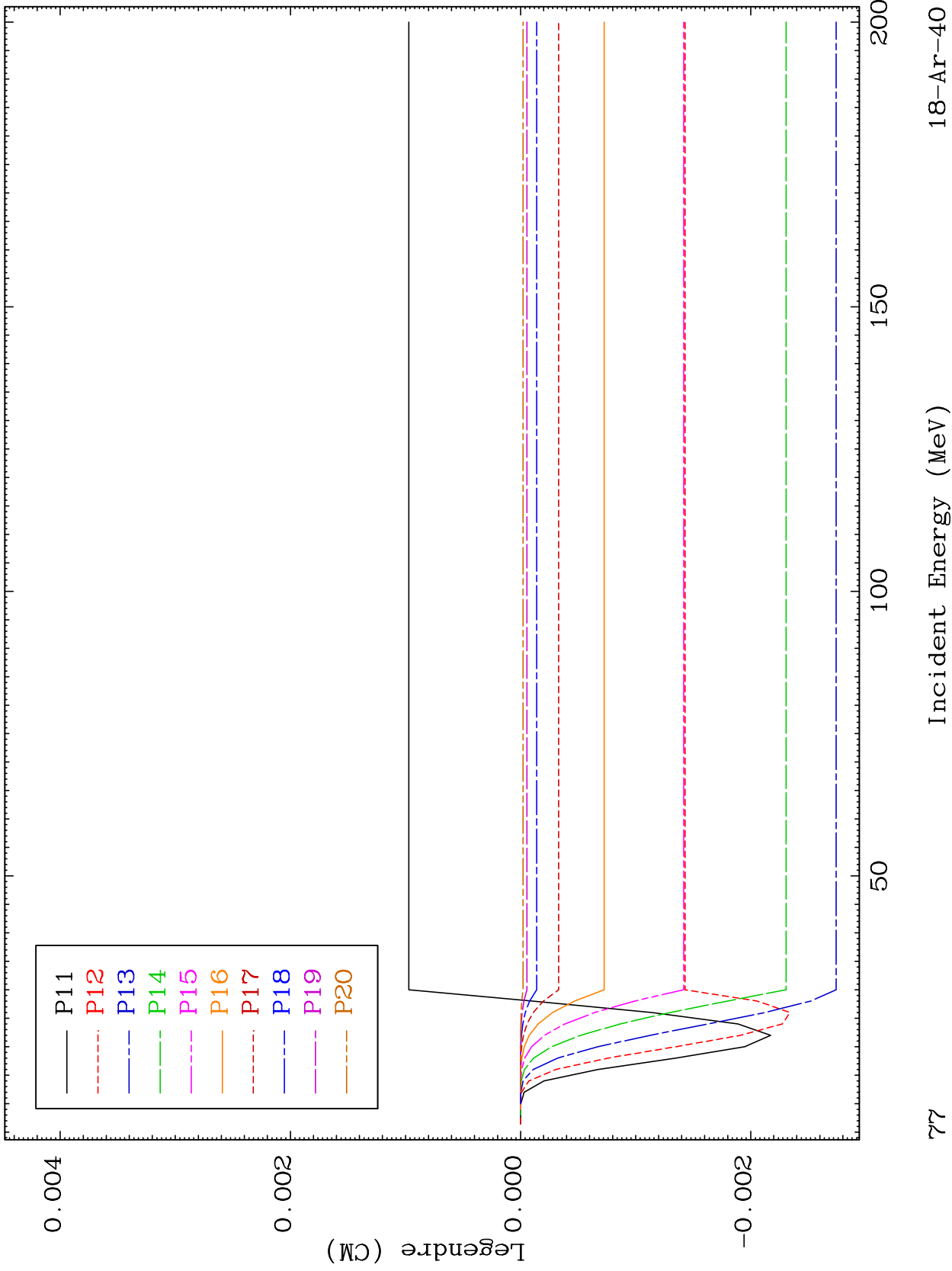
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40

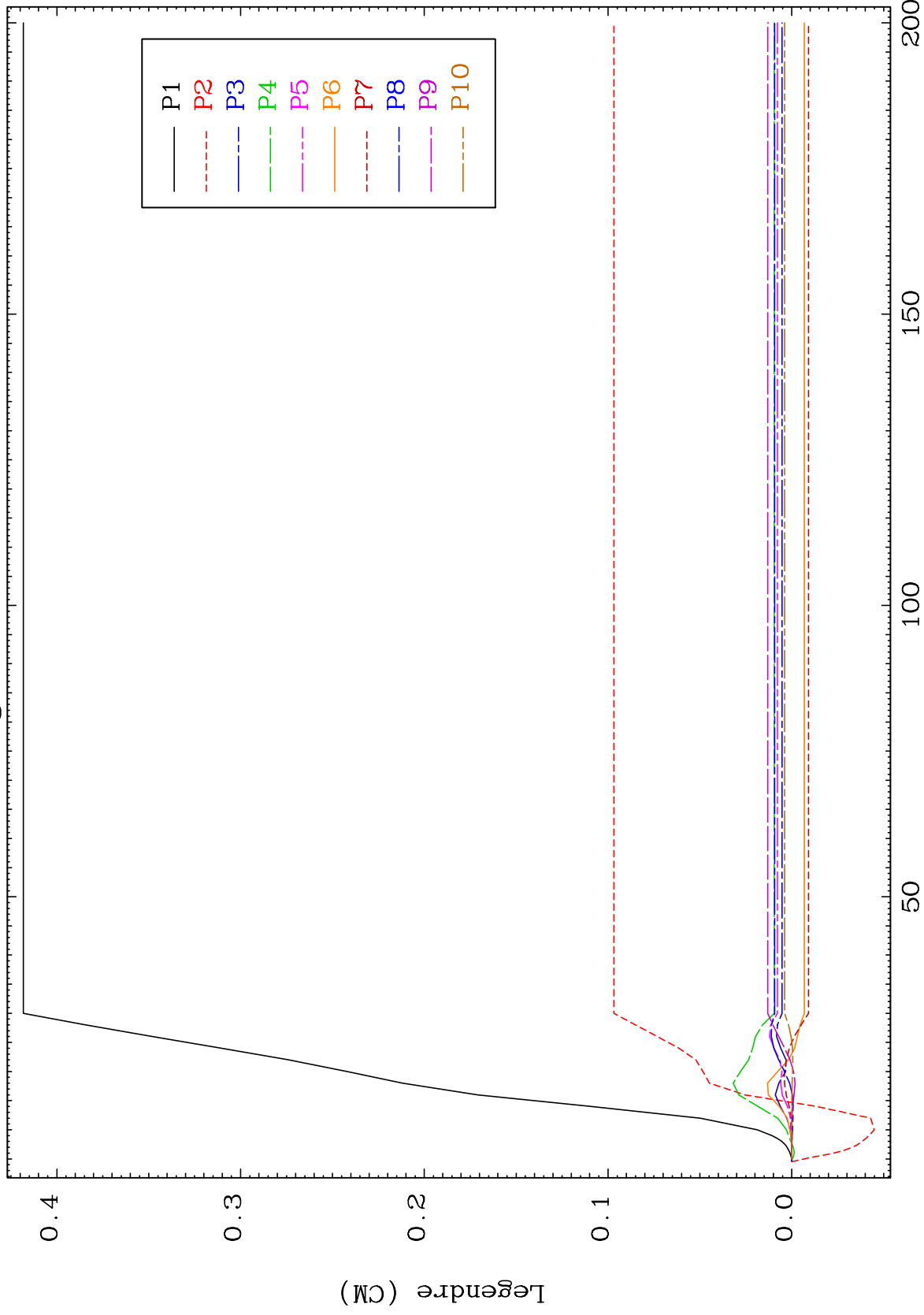




MAT 1837

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

18-Ar-40

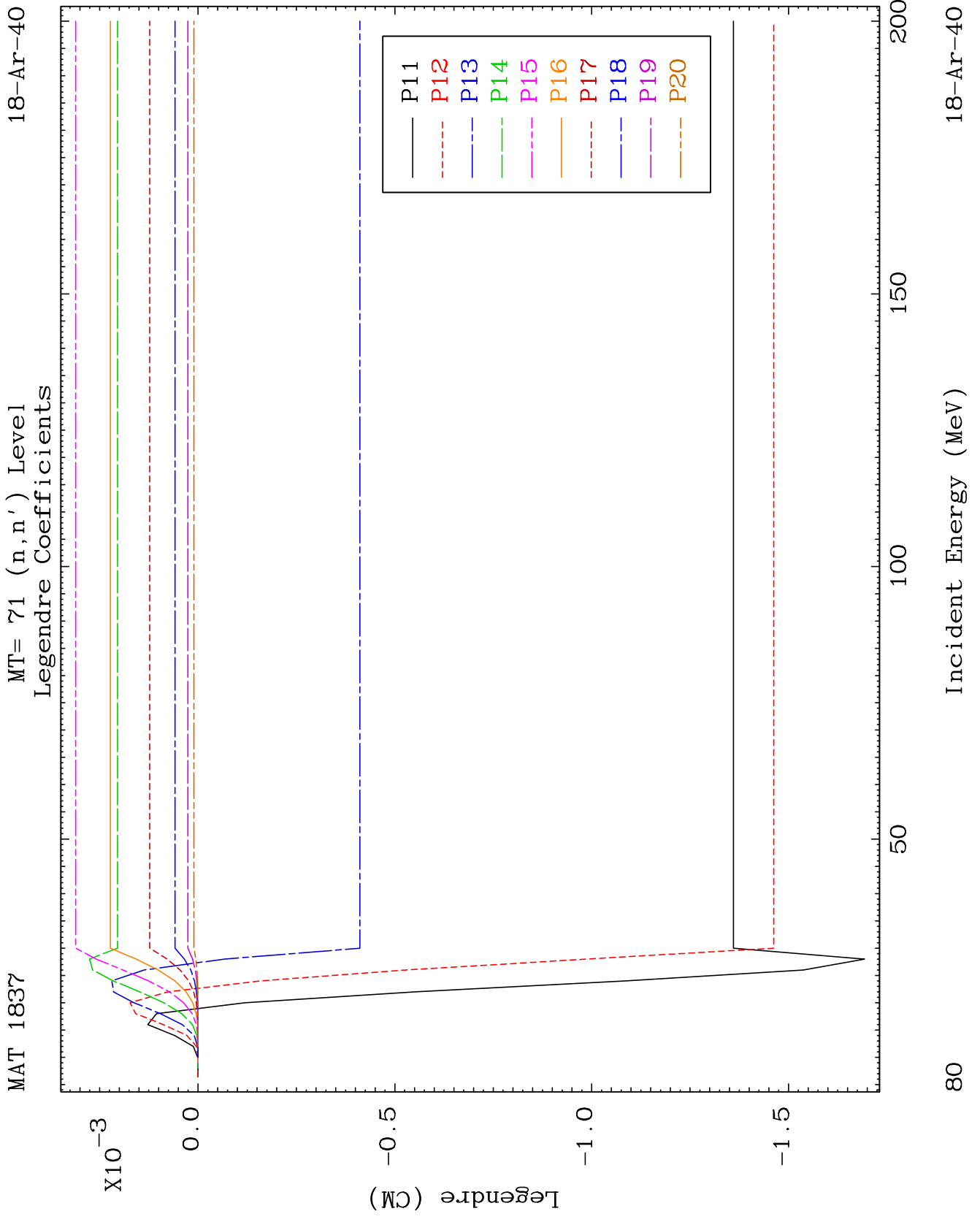


79

18-Ar-40

18-Ar-40

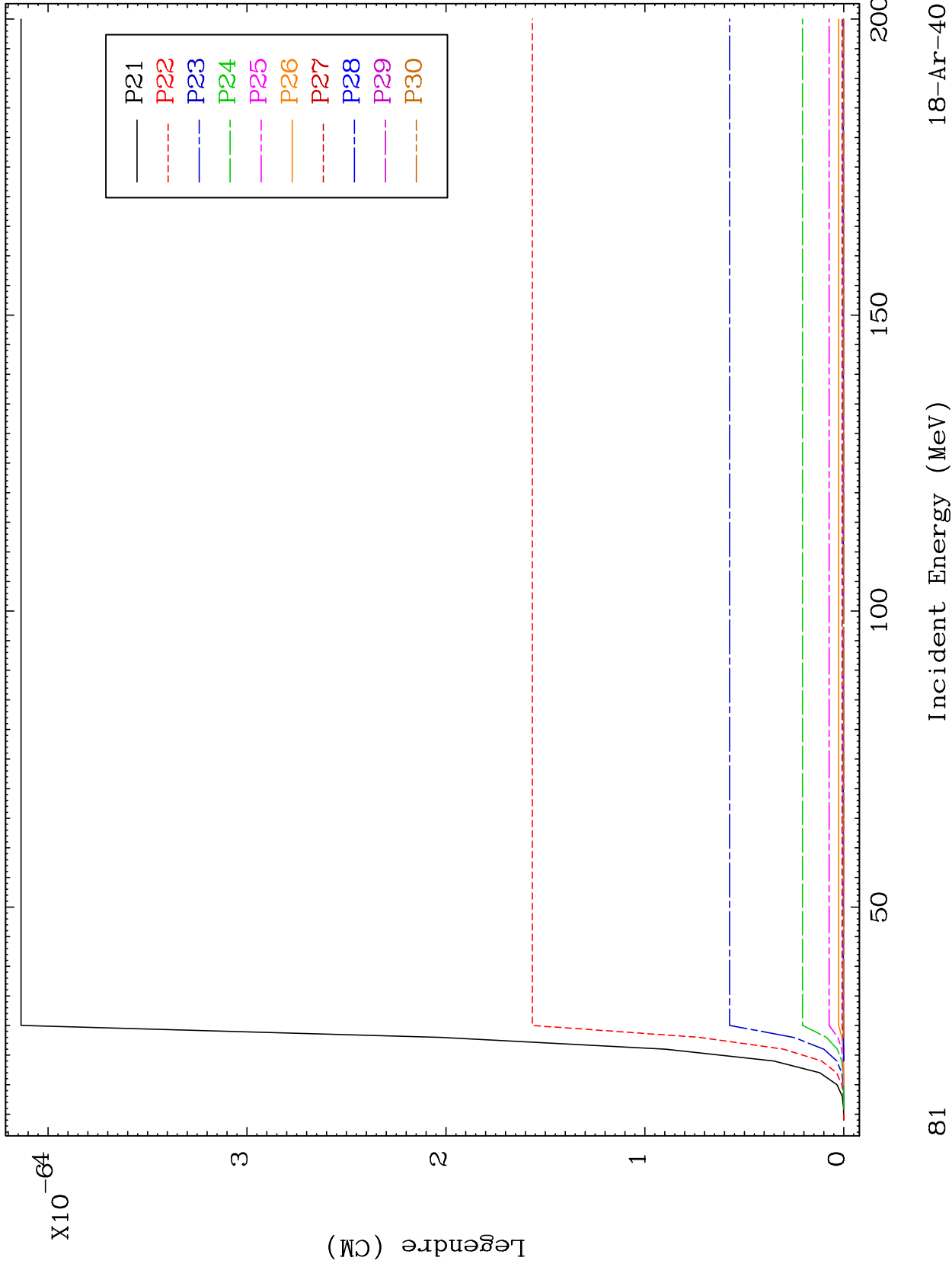




MAT 1837

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

18-Ar-40

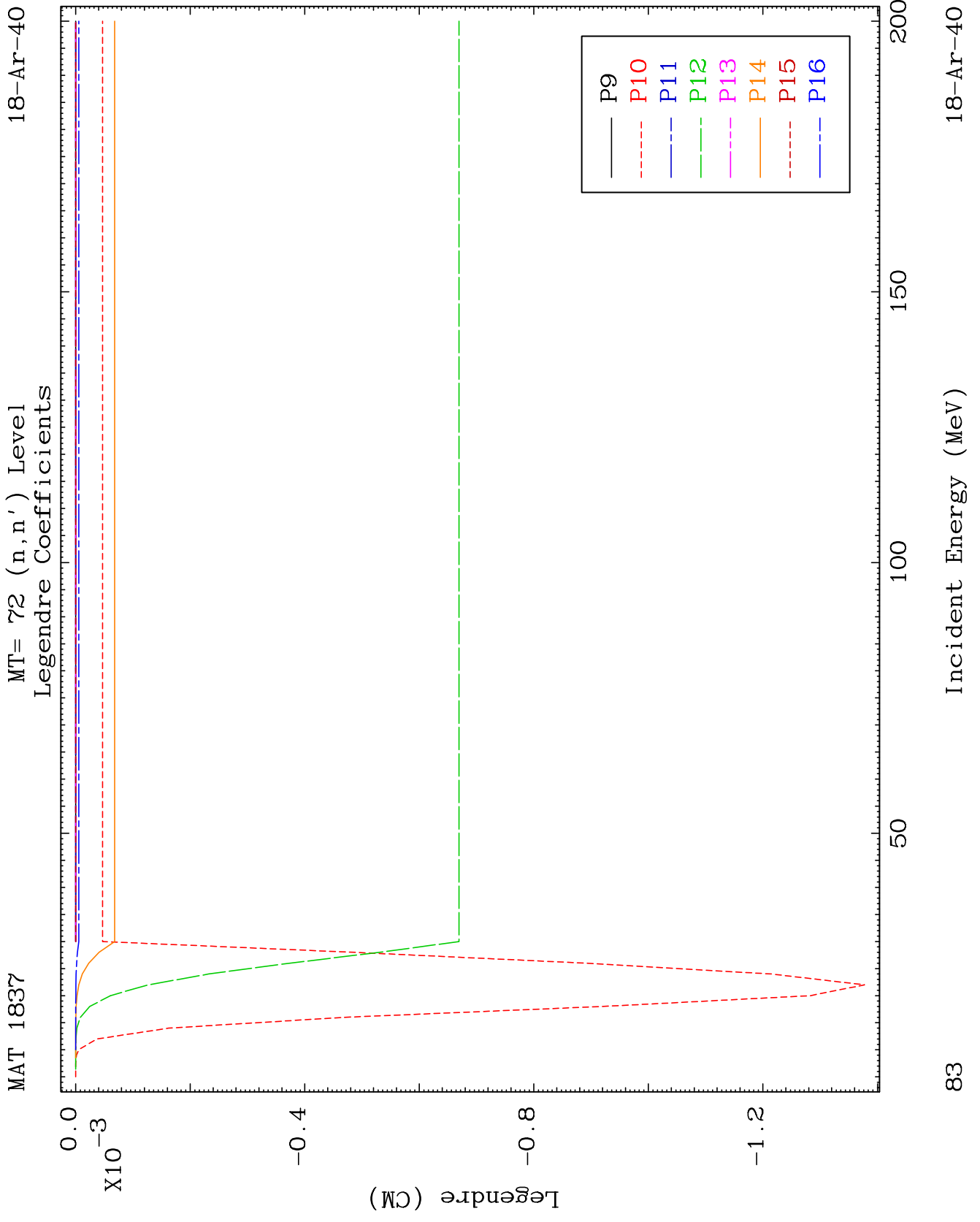


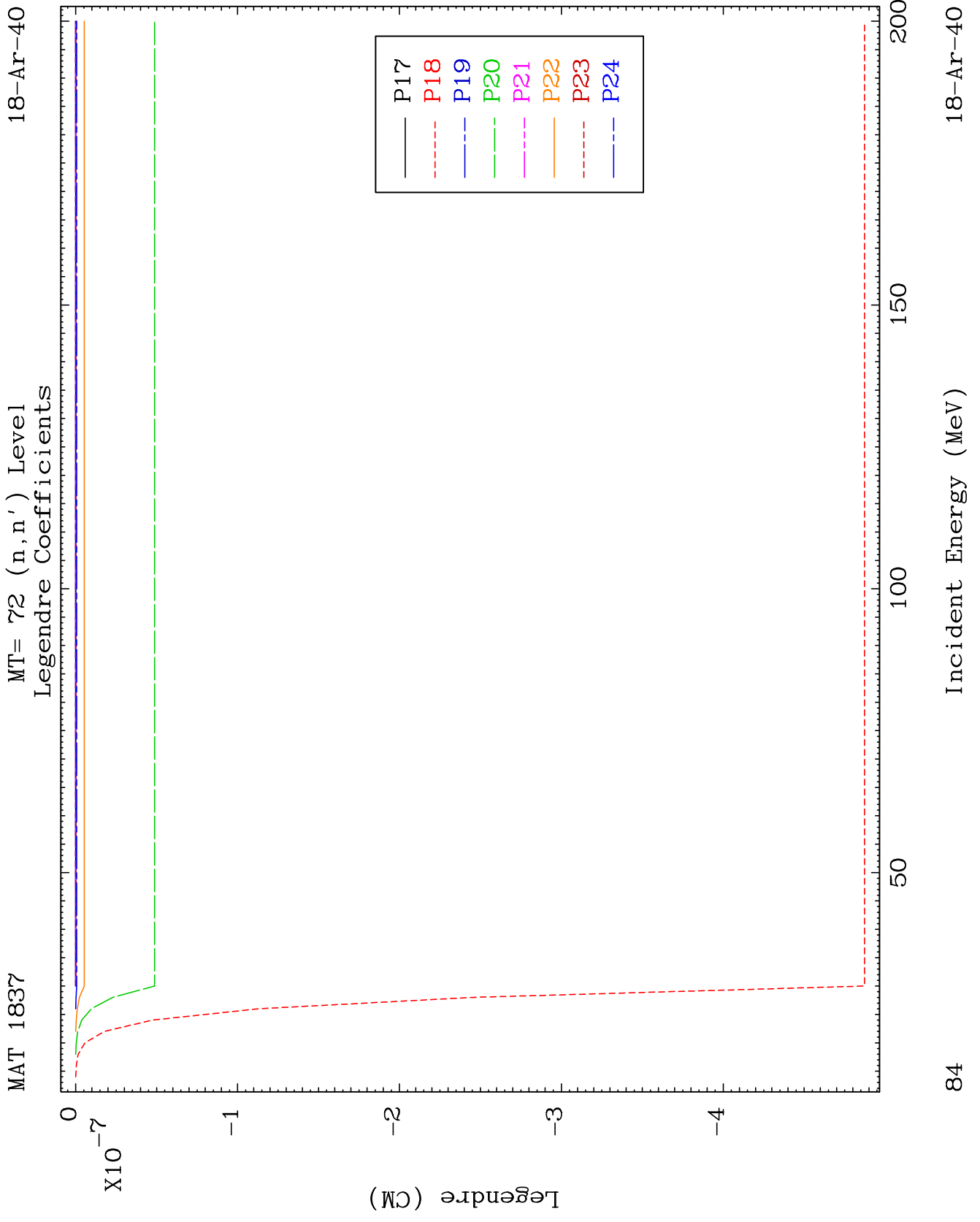
81

Incident Energy (MeV)

18-Ar-40



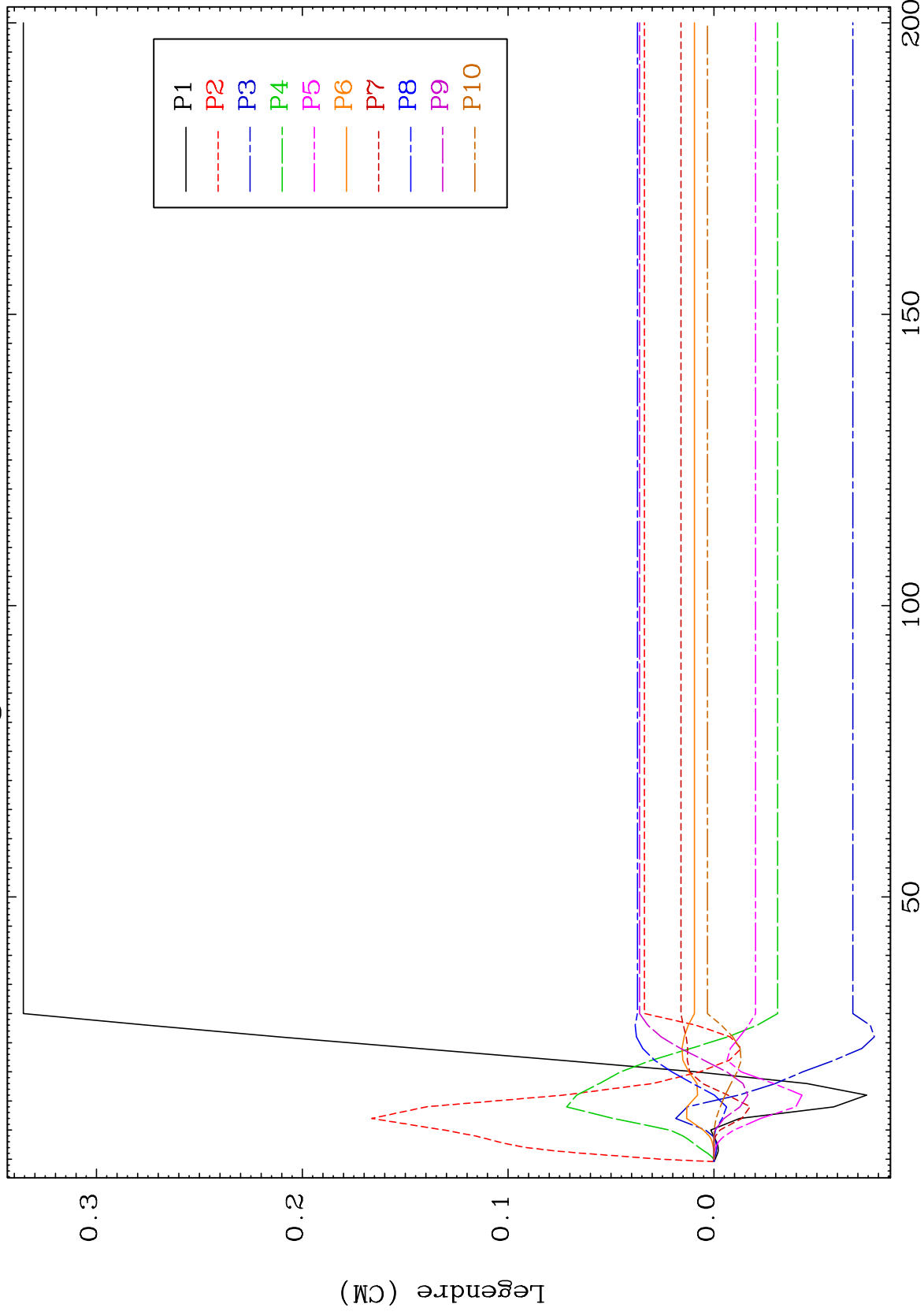




MAT 1837

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

18-Ar-40



85

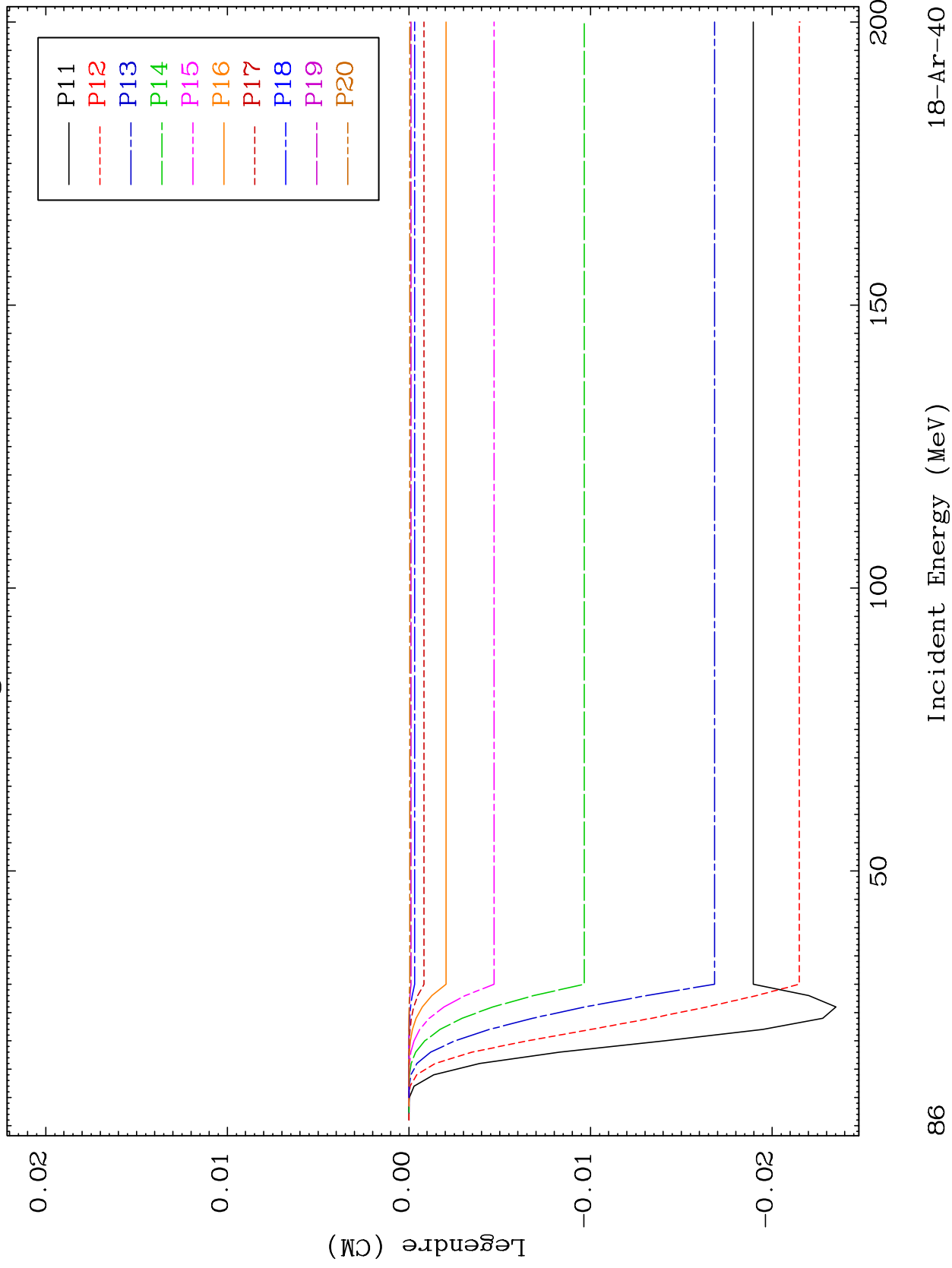
Incident Energy (MeV)

18-Ar-40

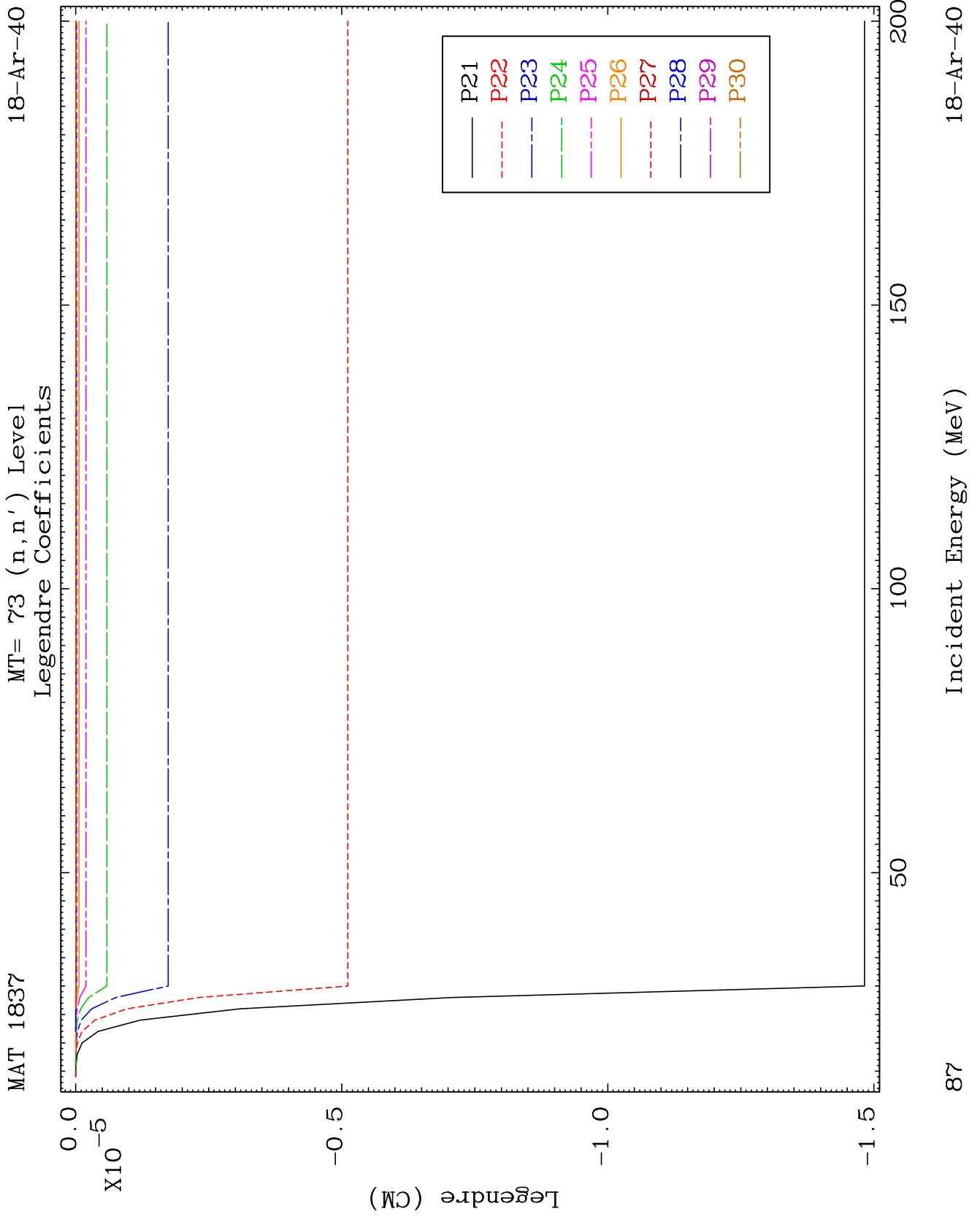
MAT 1837

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

18-Ar-40



86

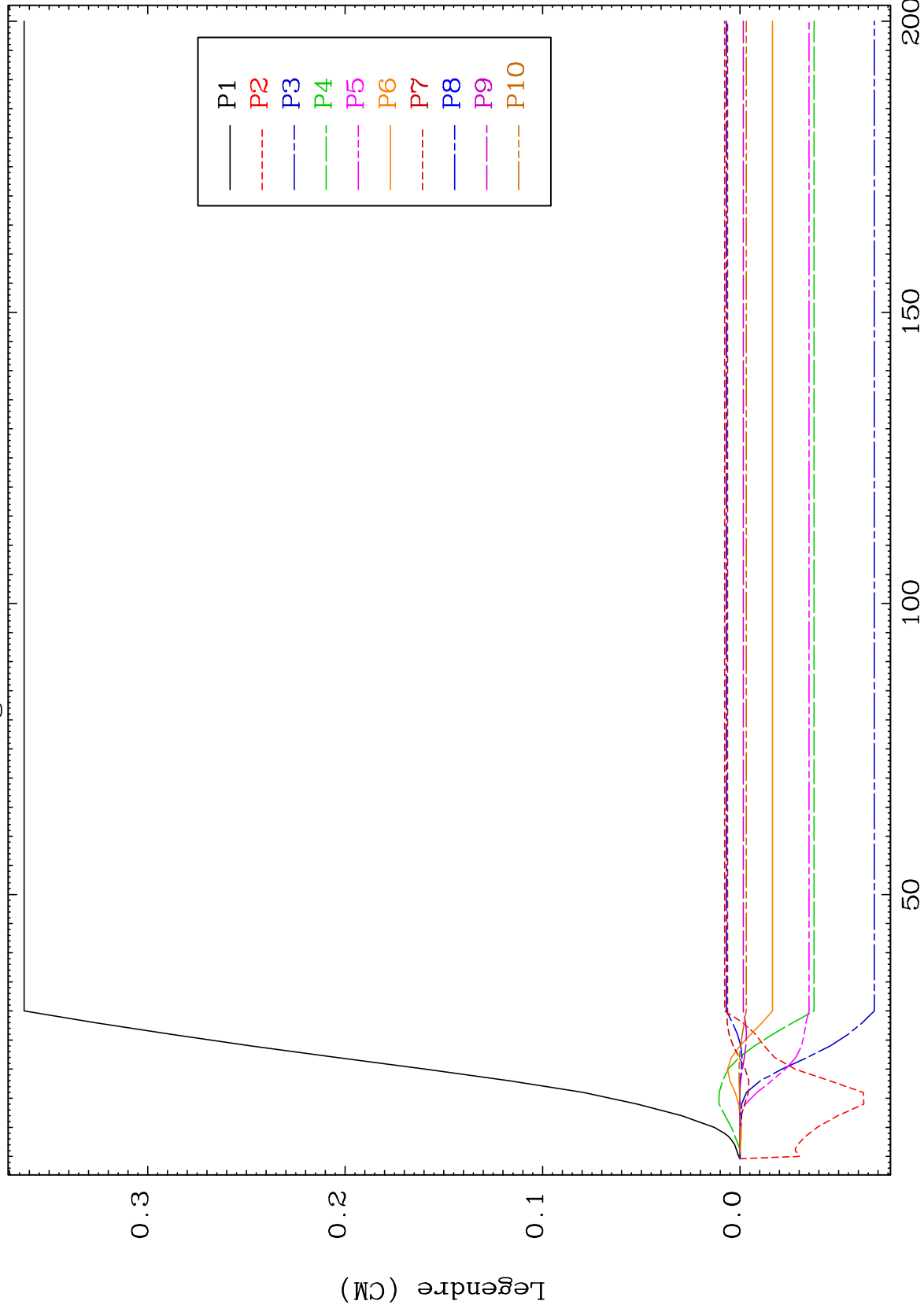




MAT 1837

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

18-Ar-40



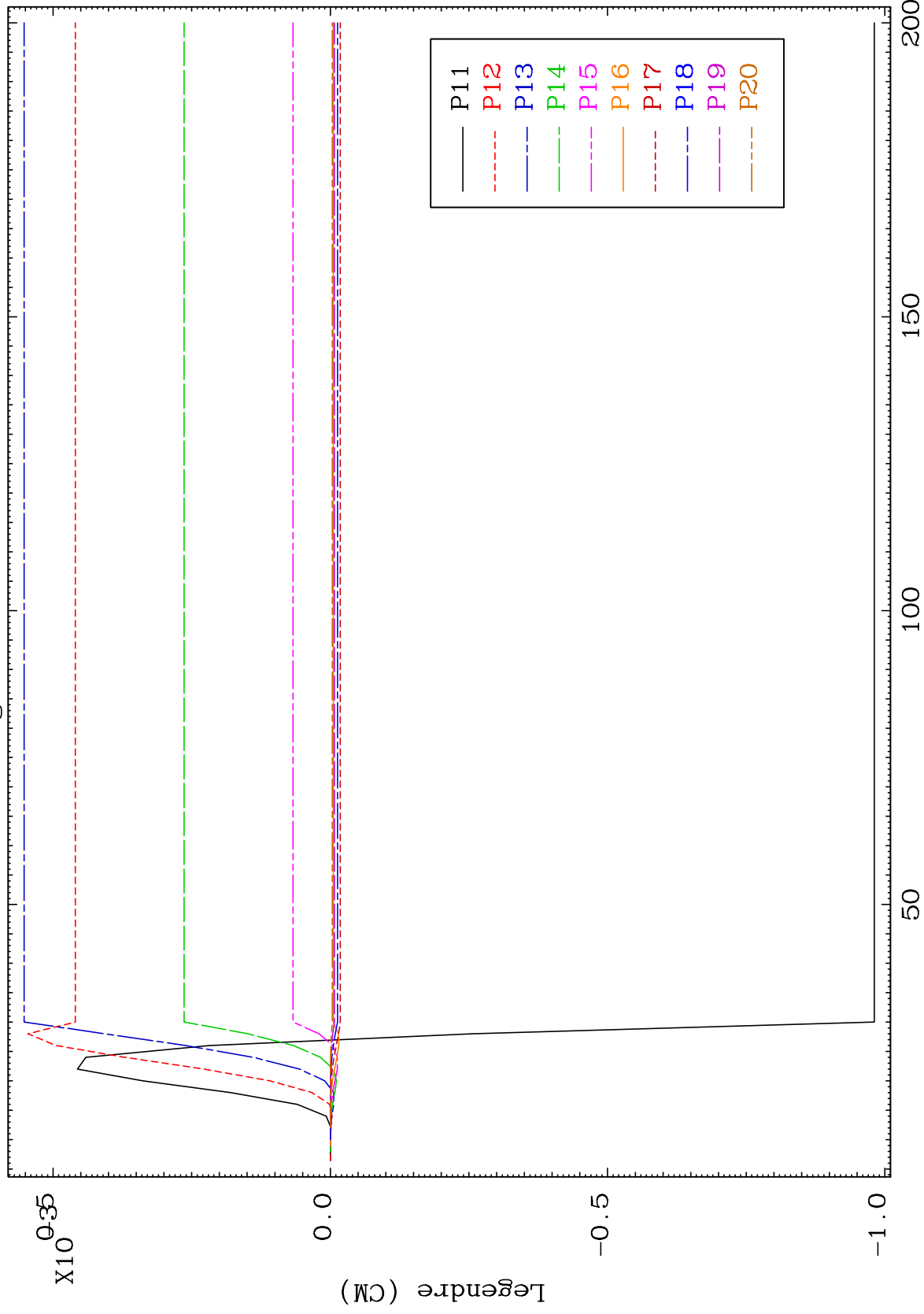
88

18-Ar-40

MAT 1837

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

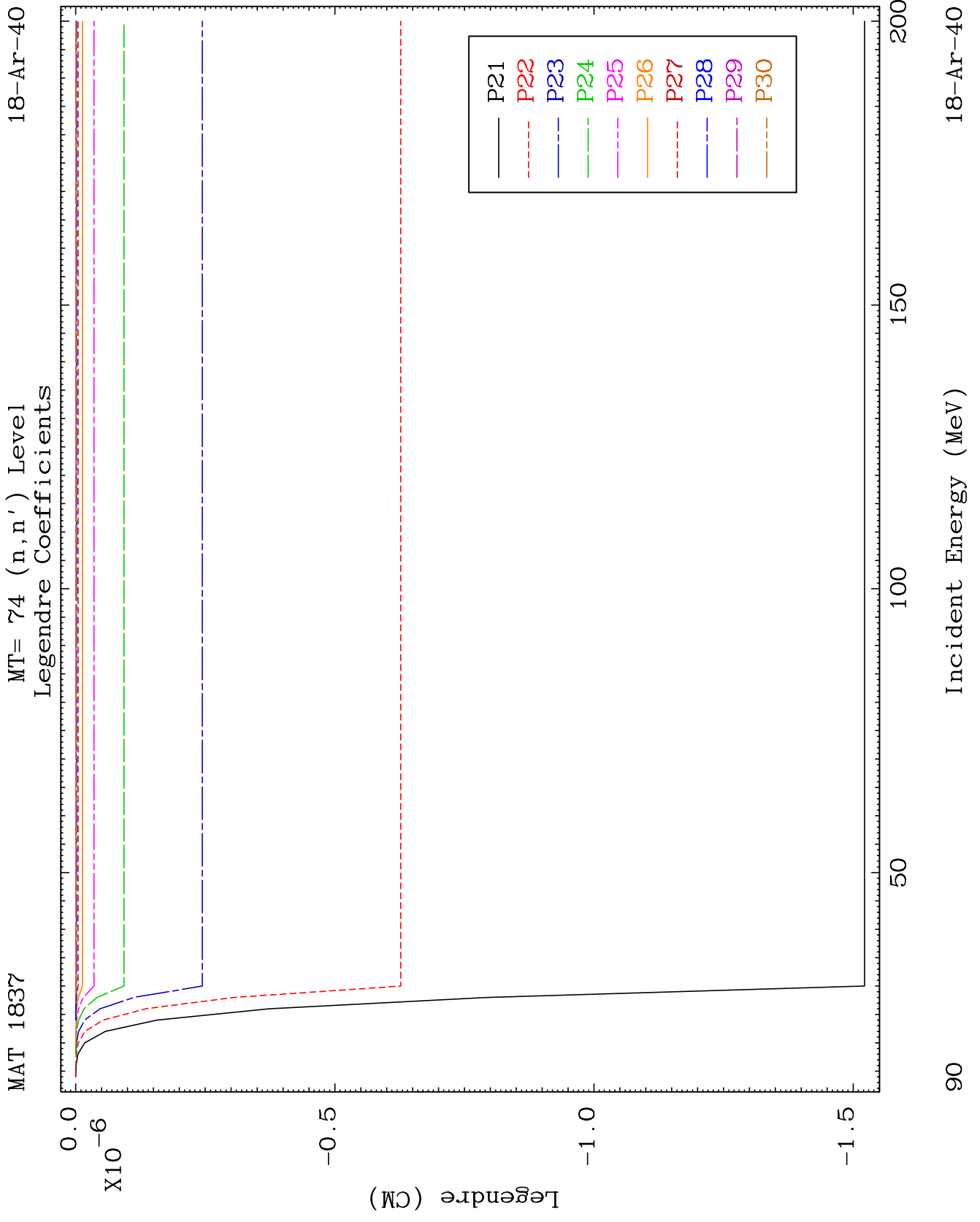
18-Ar-40



89

Incident Energy (MeV)

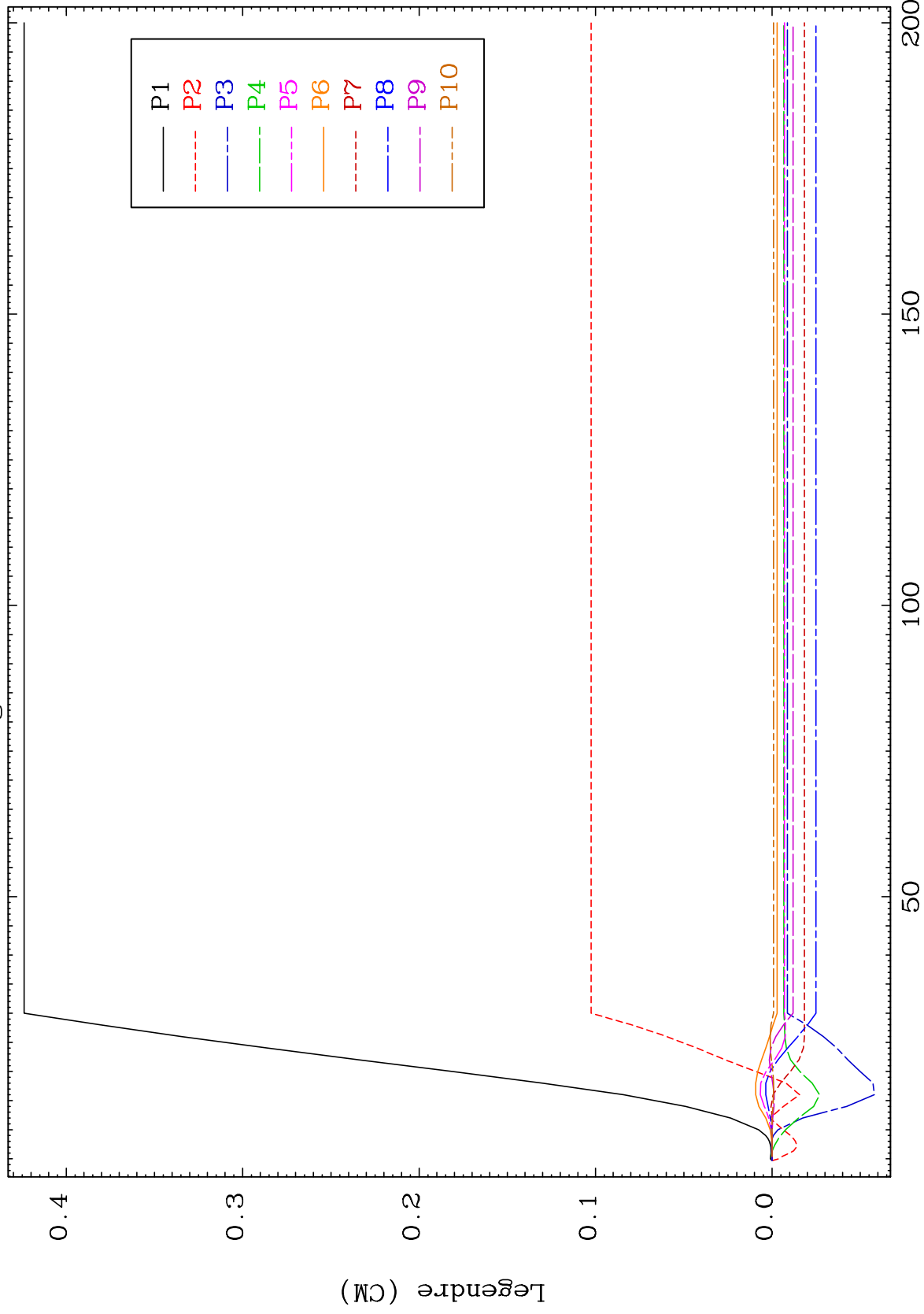
18-Ar-40



MAT 1837

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

18-Ar-40



91

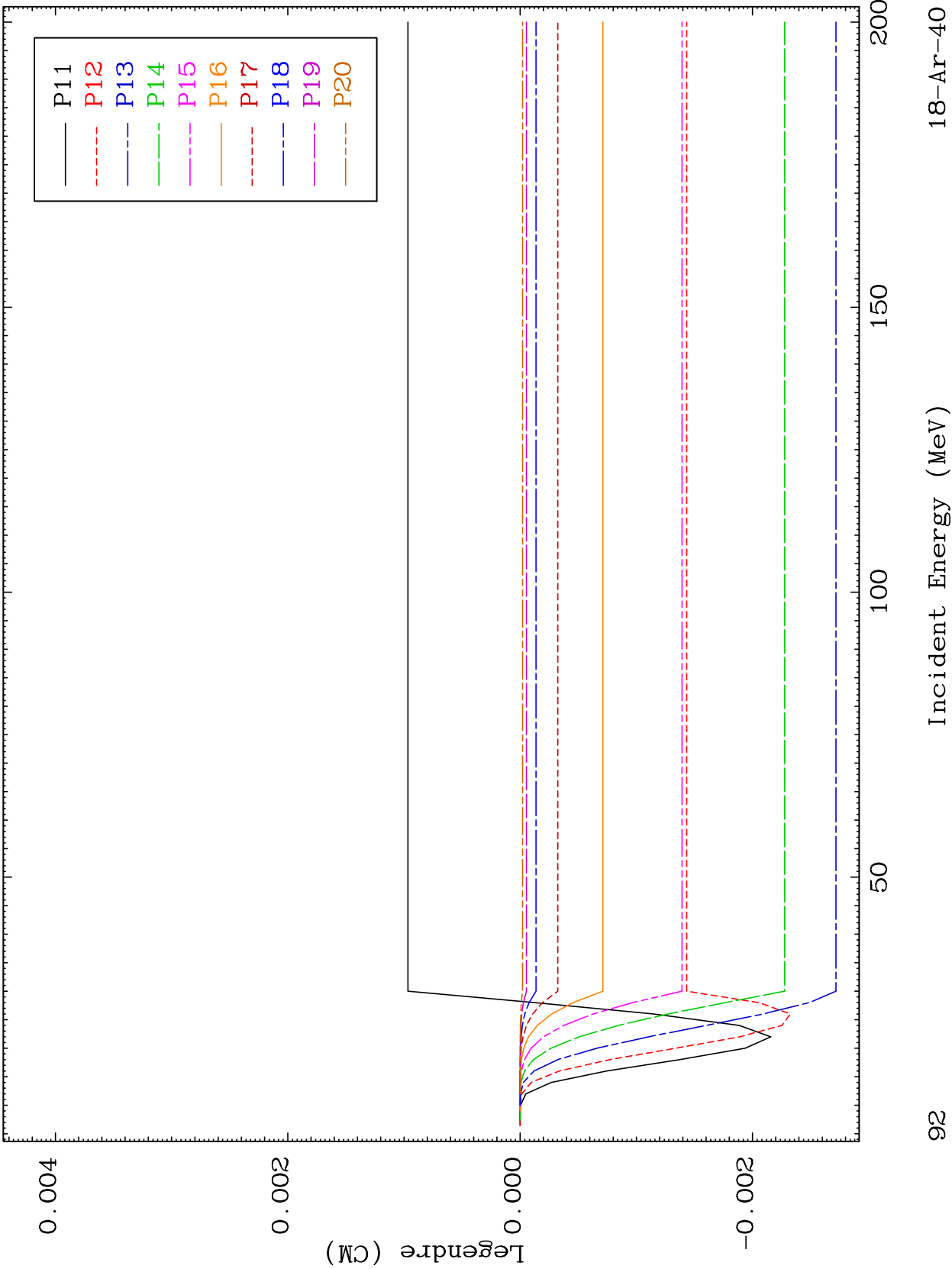
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

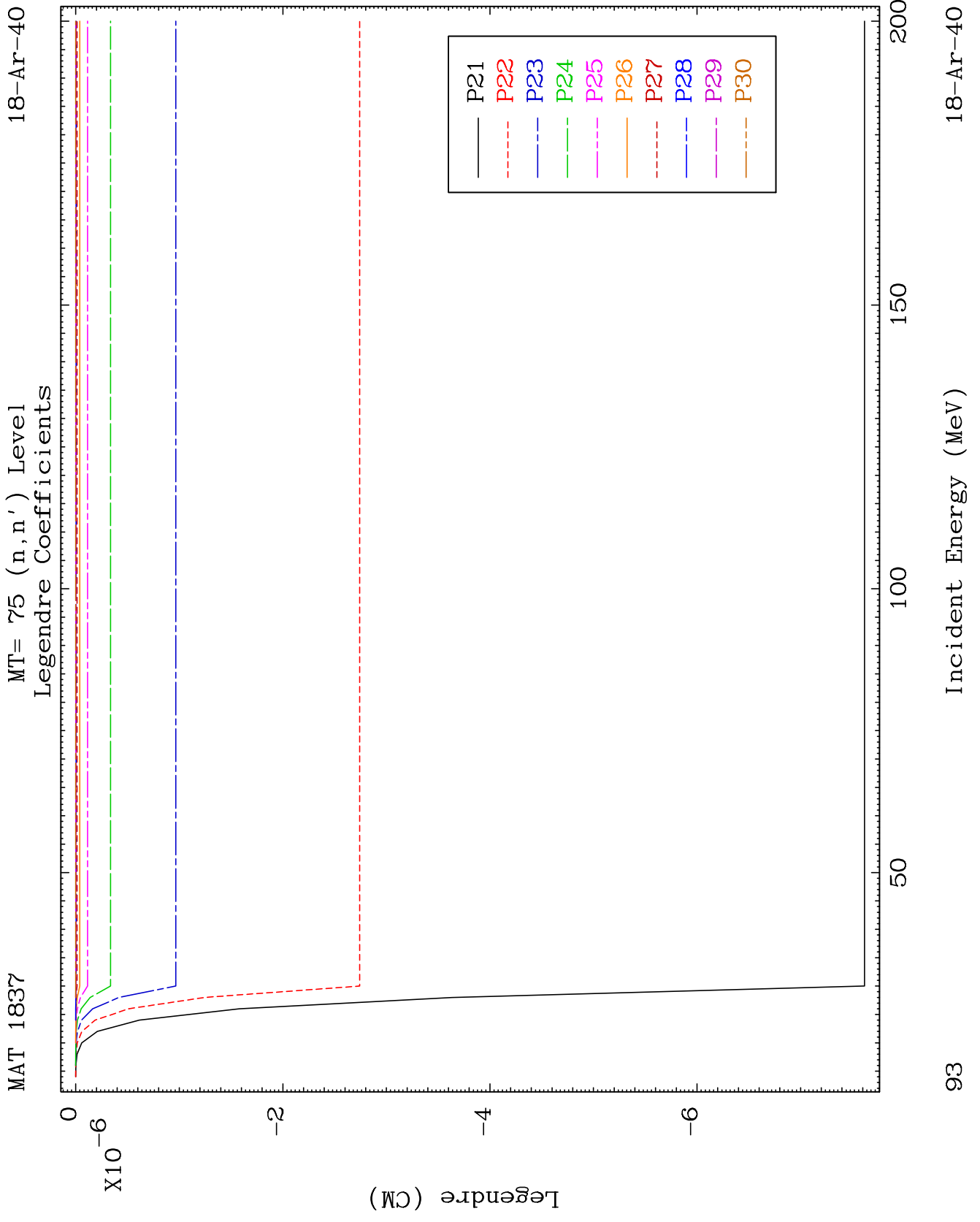
18-Ar-40



92

Incident Energy (MeV)

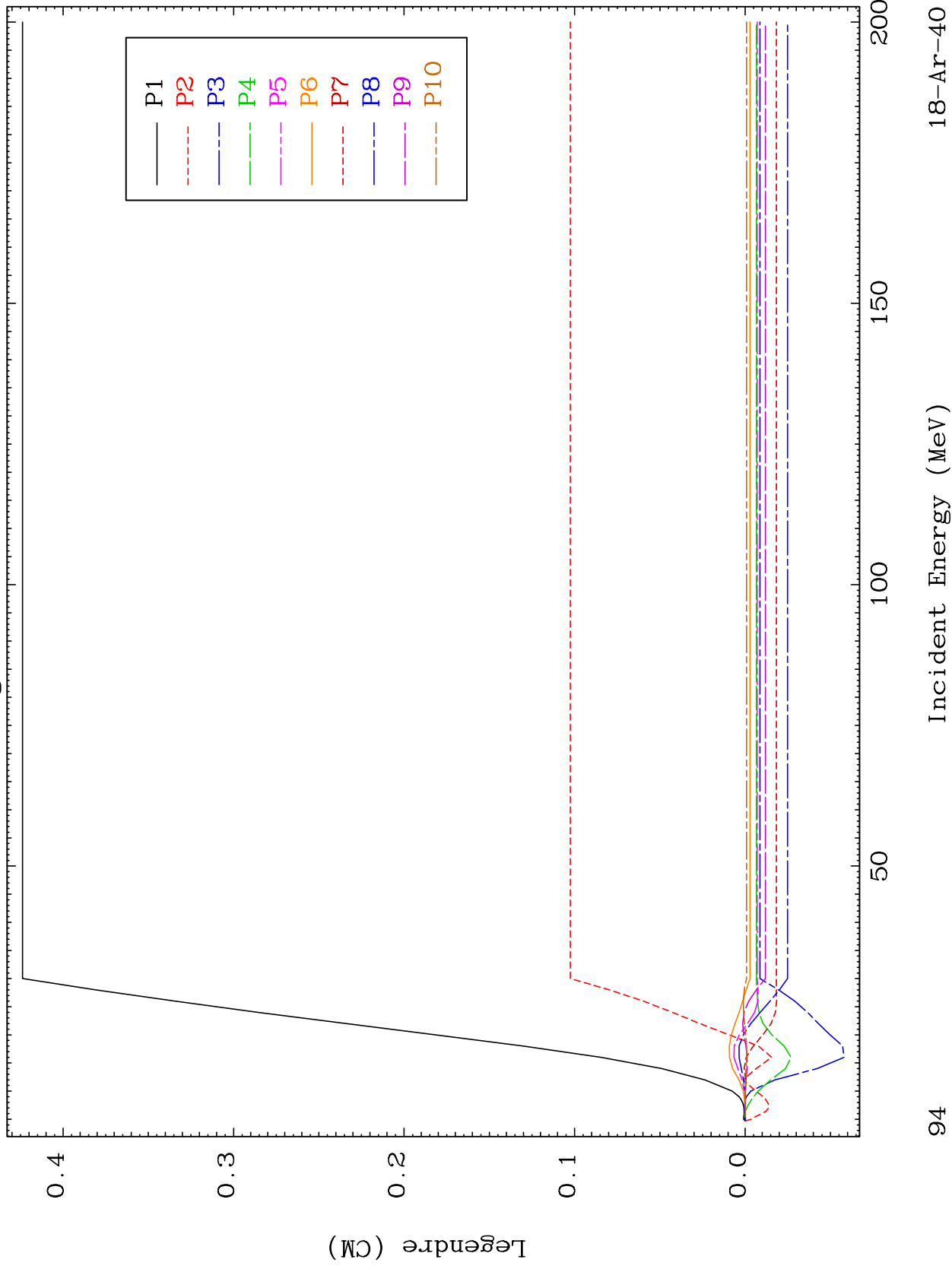
18-Ar-40



MAT 1837

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

18-Ar-40



94

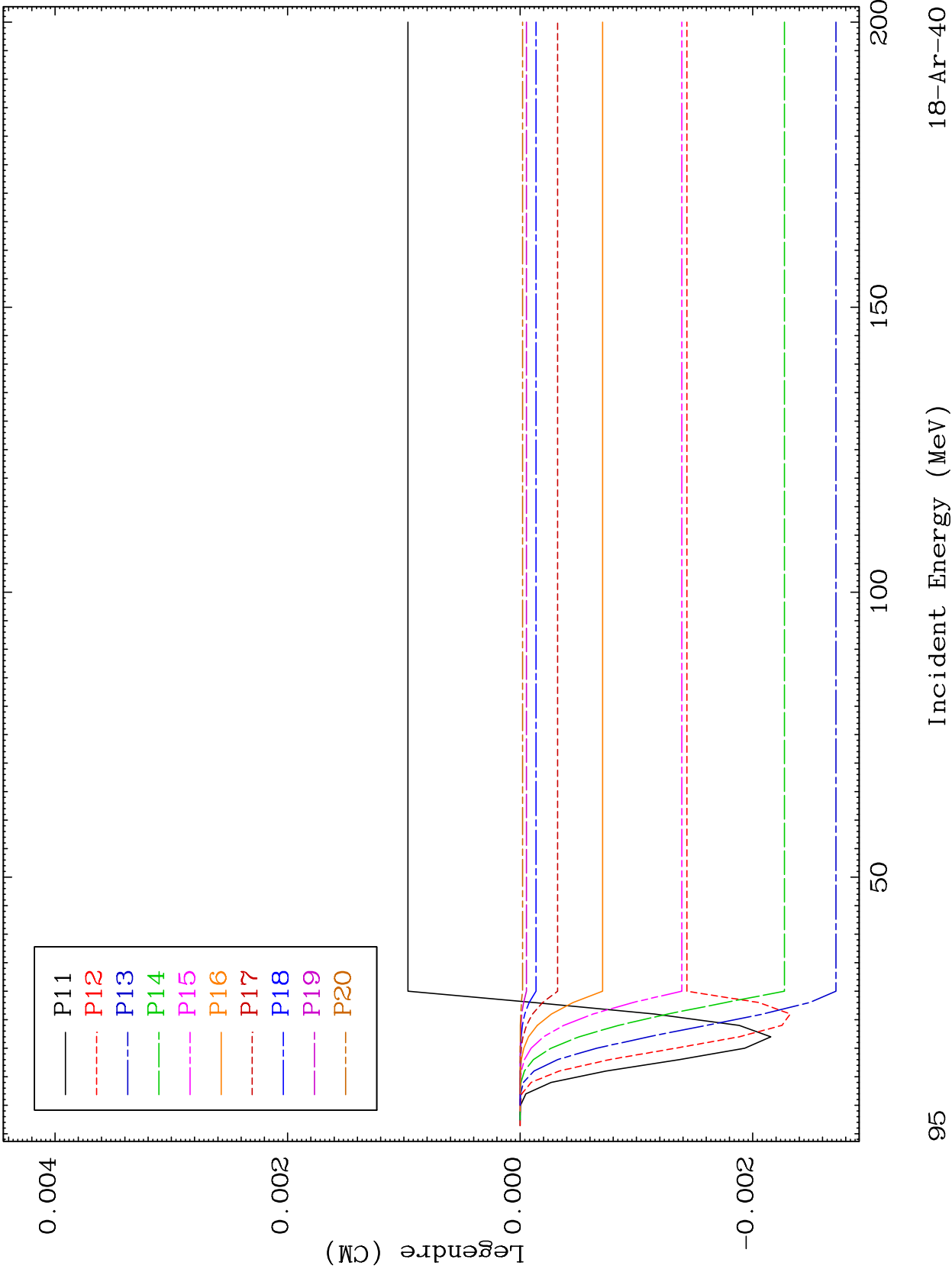
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40

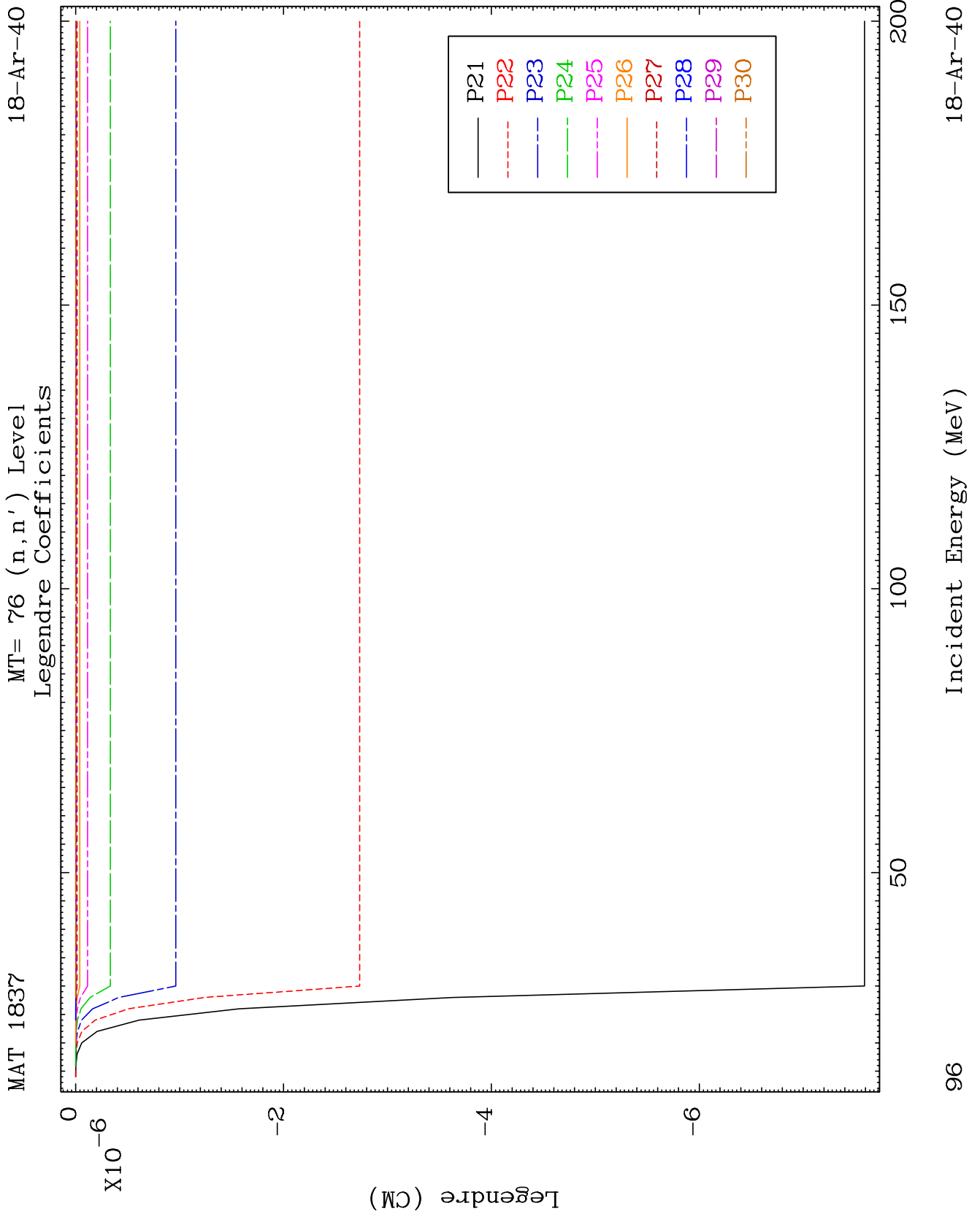


95

Incident Energy (MeV)

18-Ar-40

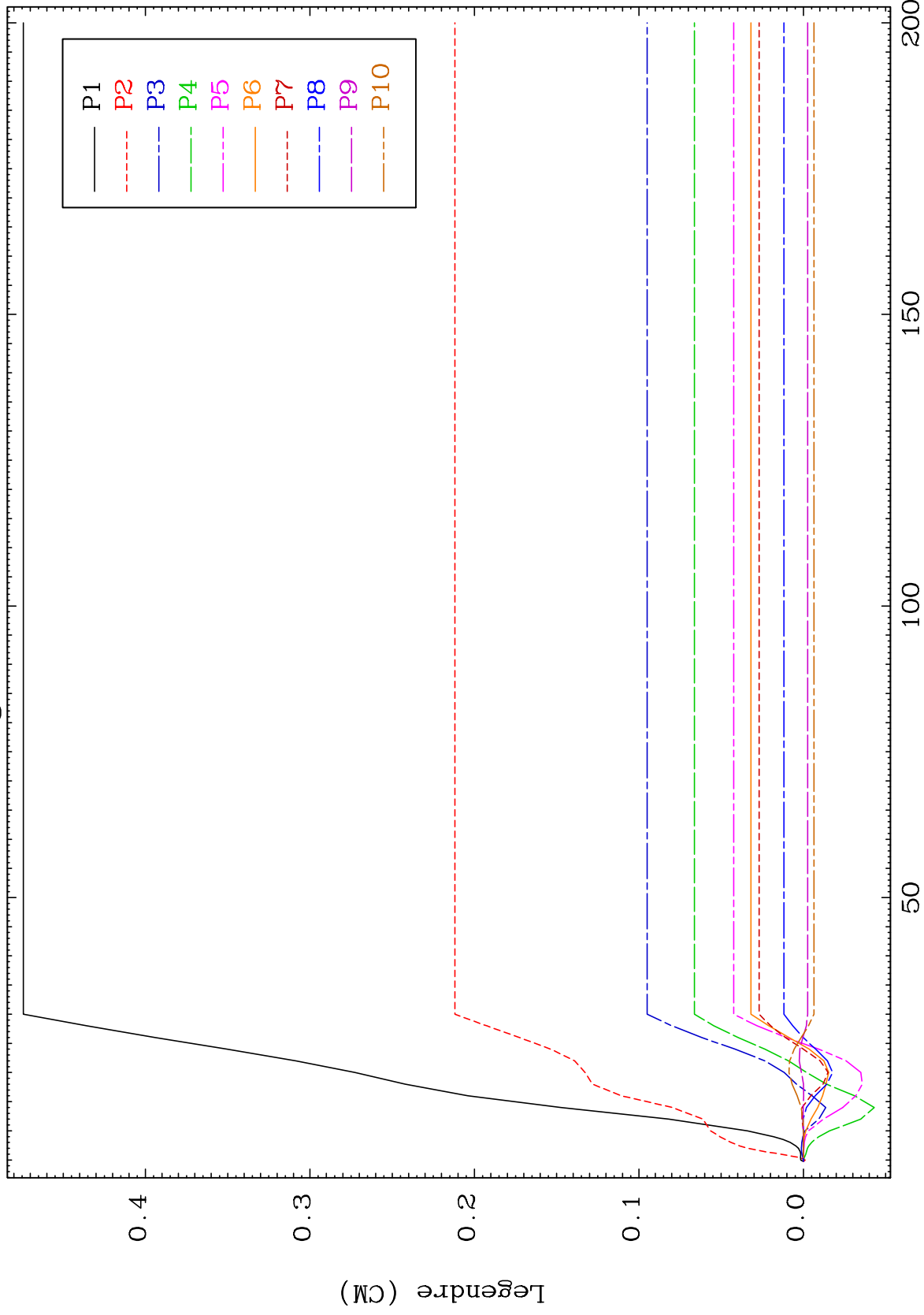




MAT 1837

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

18-Ar-40



97

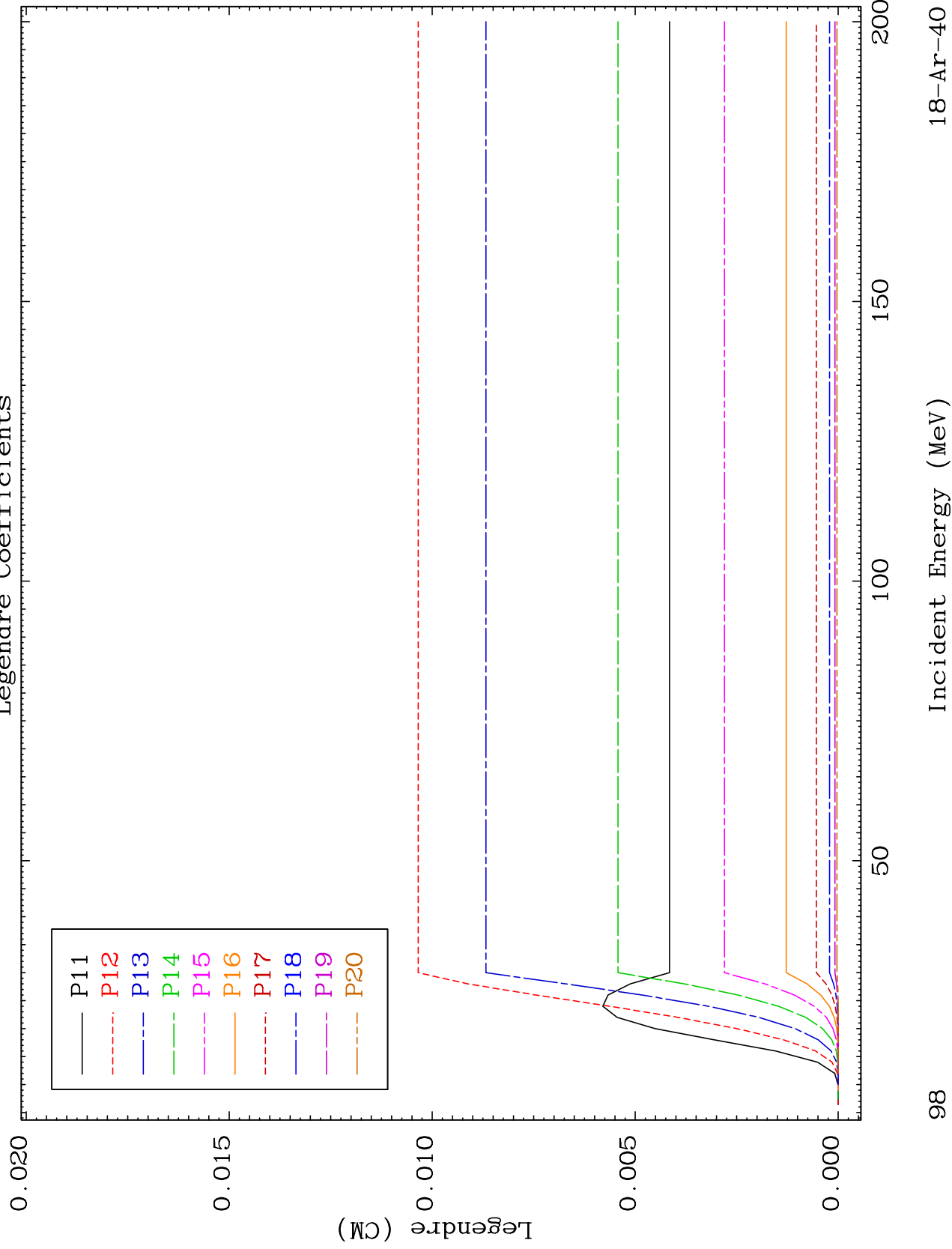
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



98

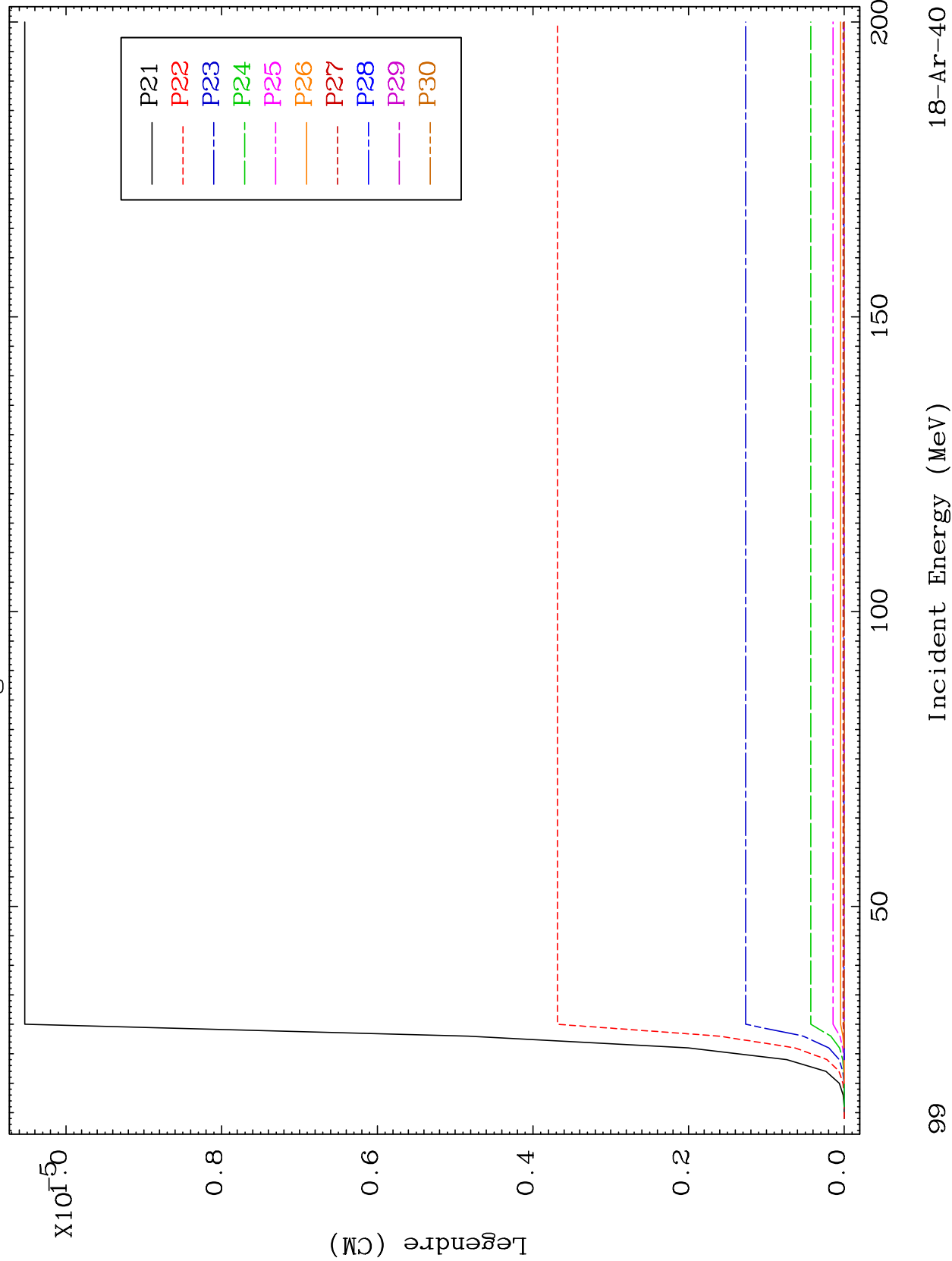
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40

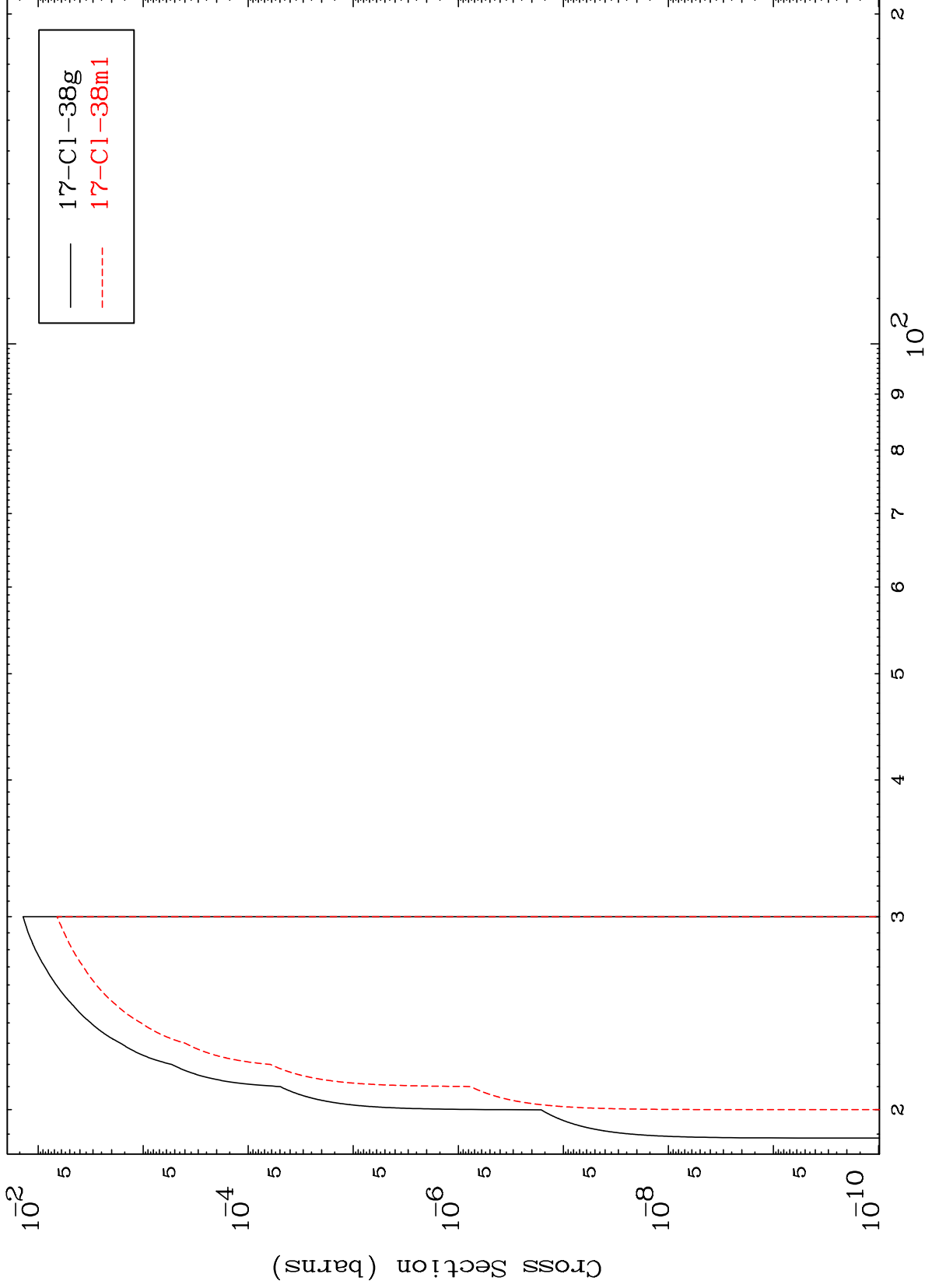


MAT 1837

(n,n') d

18-Ar-40

Radionuclide Production Cross Section



100

Incident Energy (MeV)

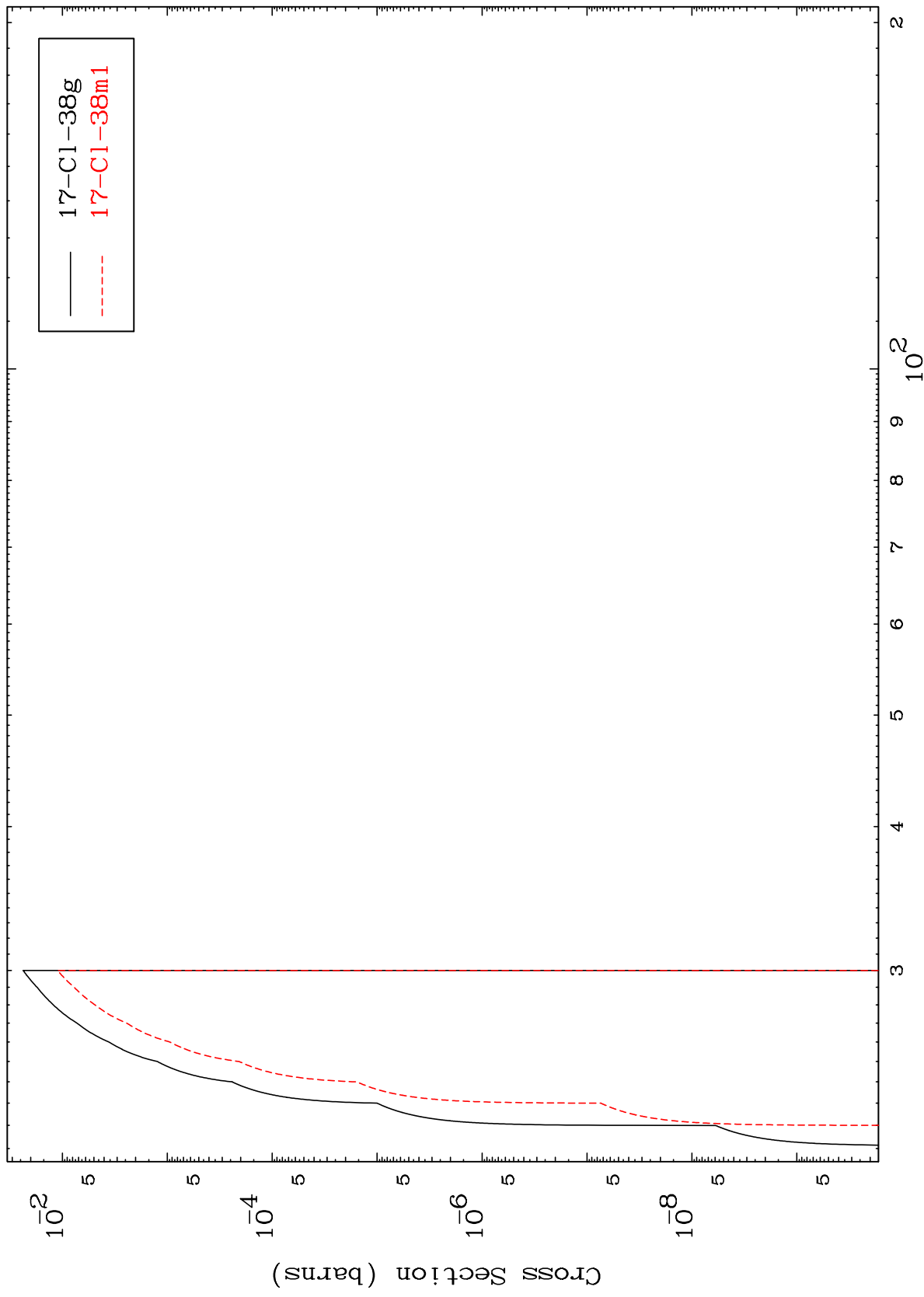
18-Ar-40

MAT 1837

(n,2n) p

18-Ar-40

Radionuclide Production Cross Section



101

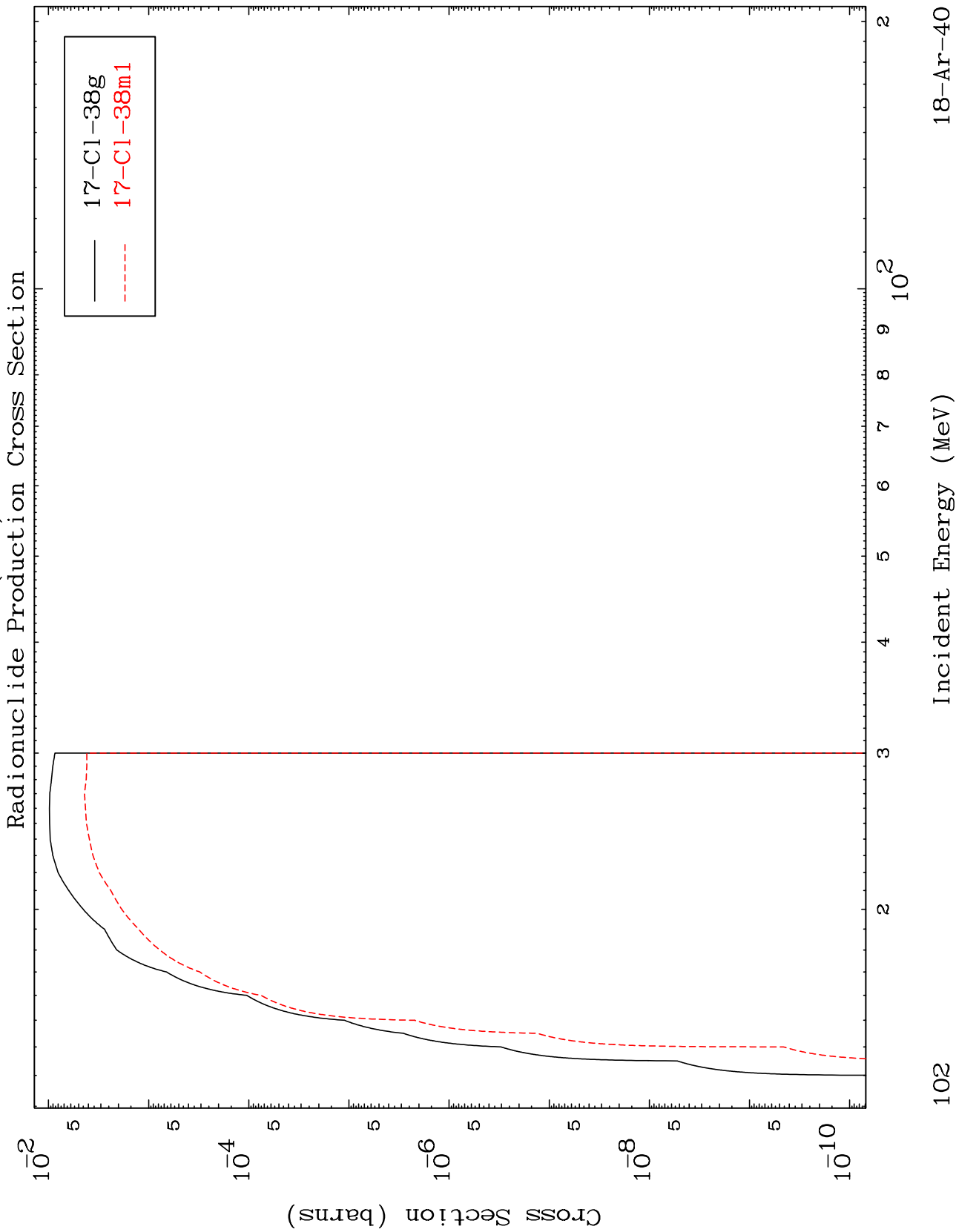
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n, t)

18-Ar-40



102

Incident Energy (MeV)

18-Ar-40