

Program EVALPLOT  
(Version 2018-1)

by

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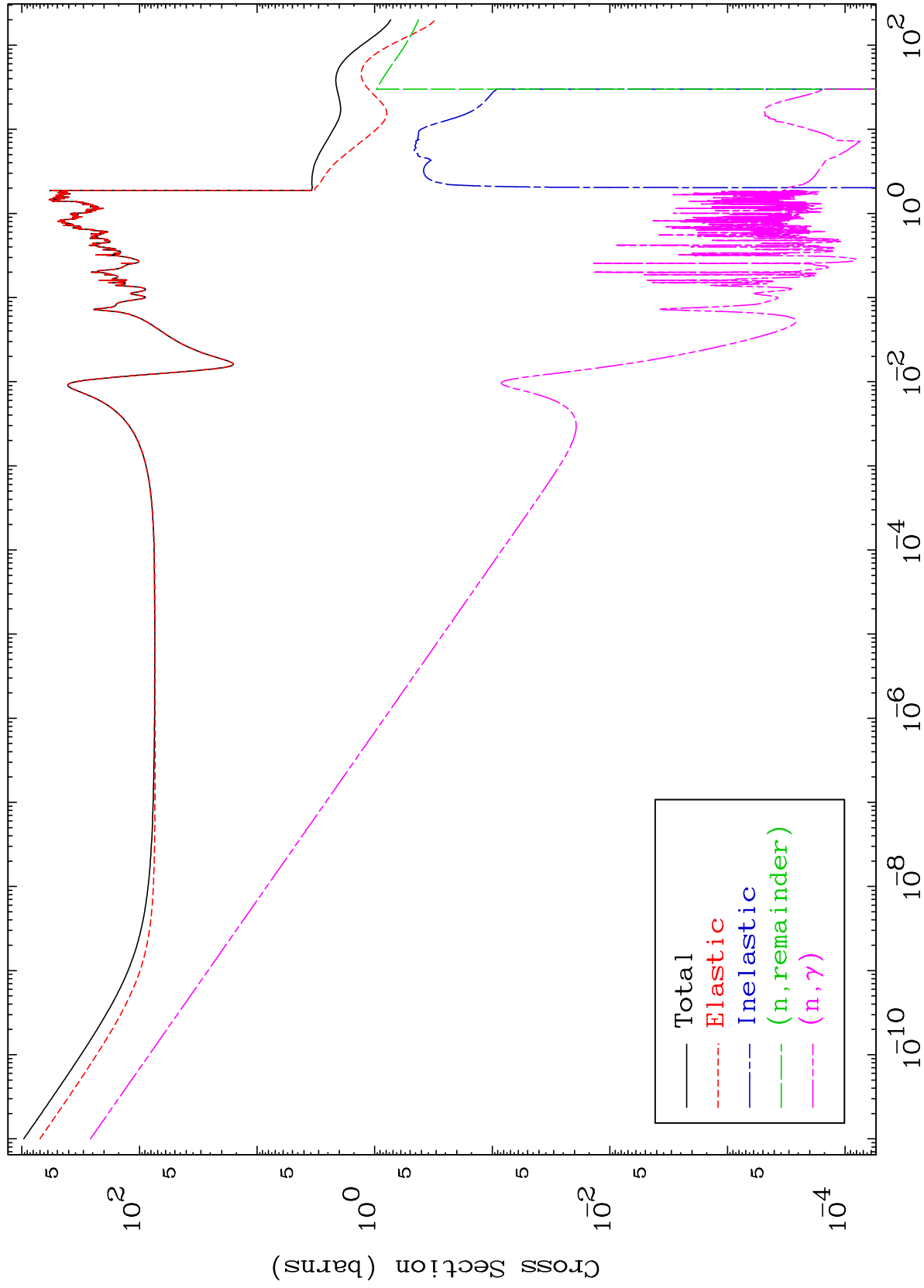
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 1825

Major  
293 Kelvin Cross Sections

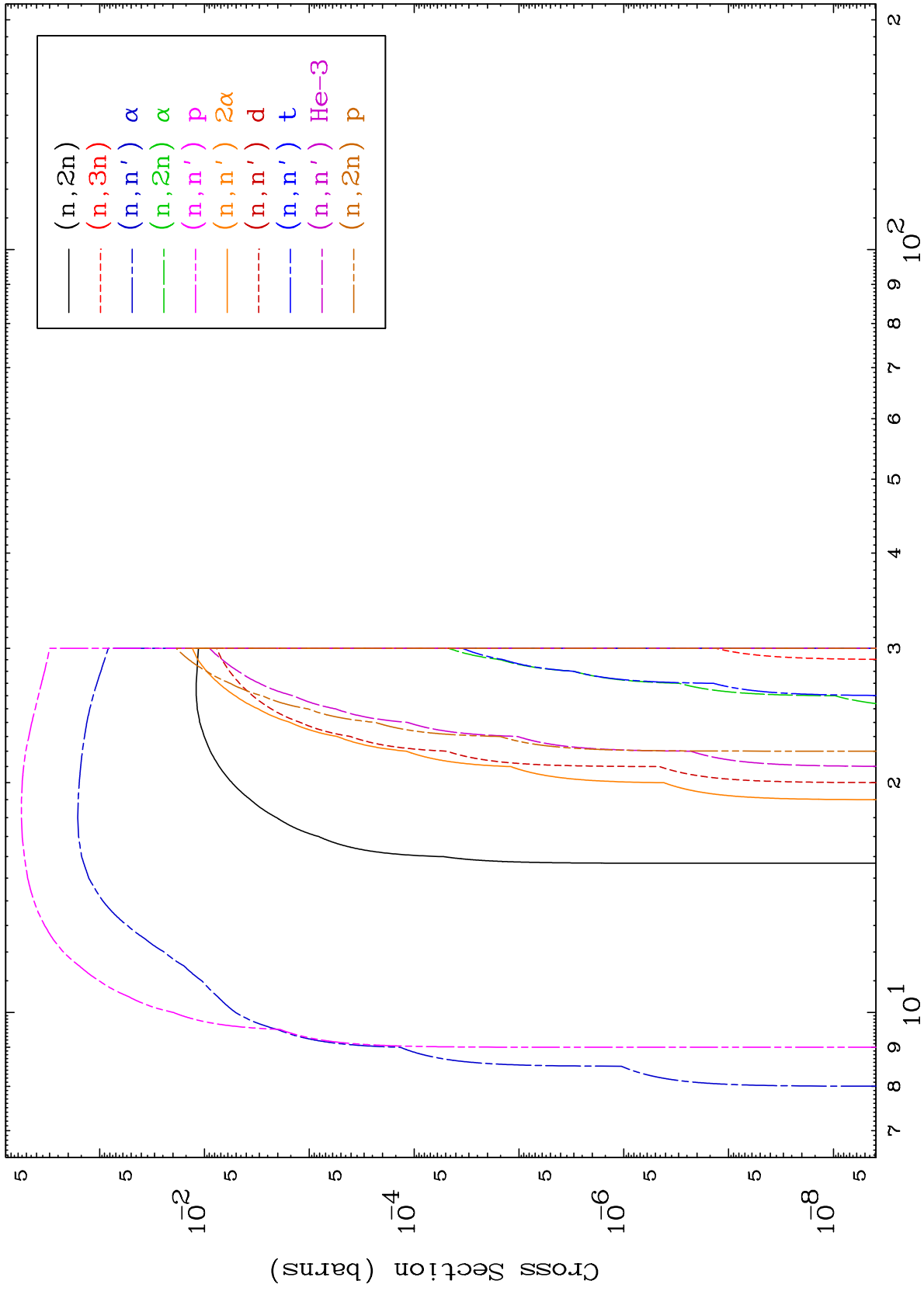
18-Ar-36



MAT 1825

# Neutron Production 293 Kelvin Cross Sections

18-Ar-36



2

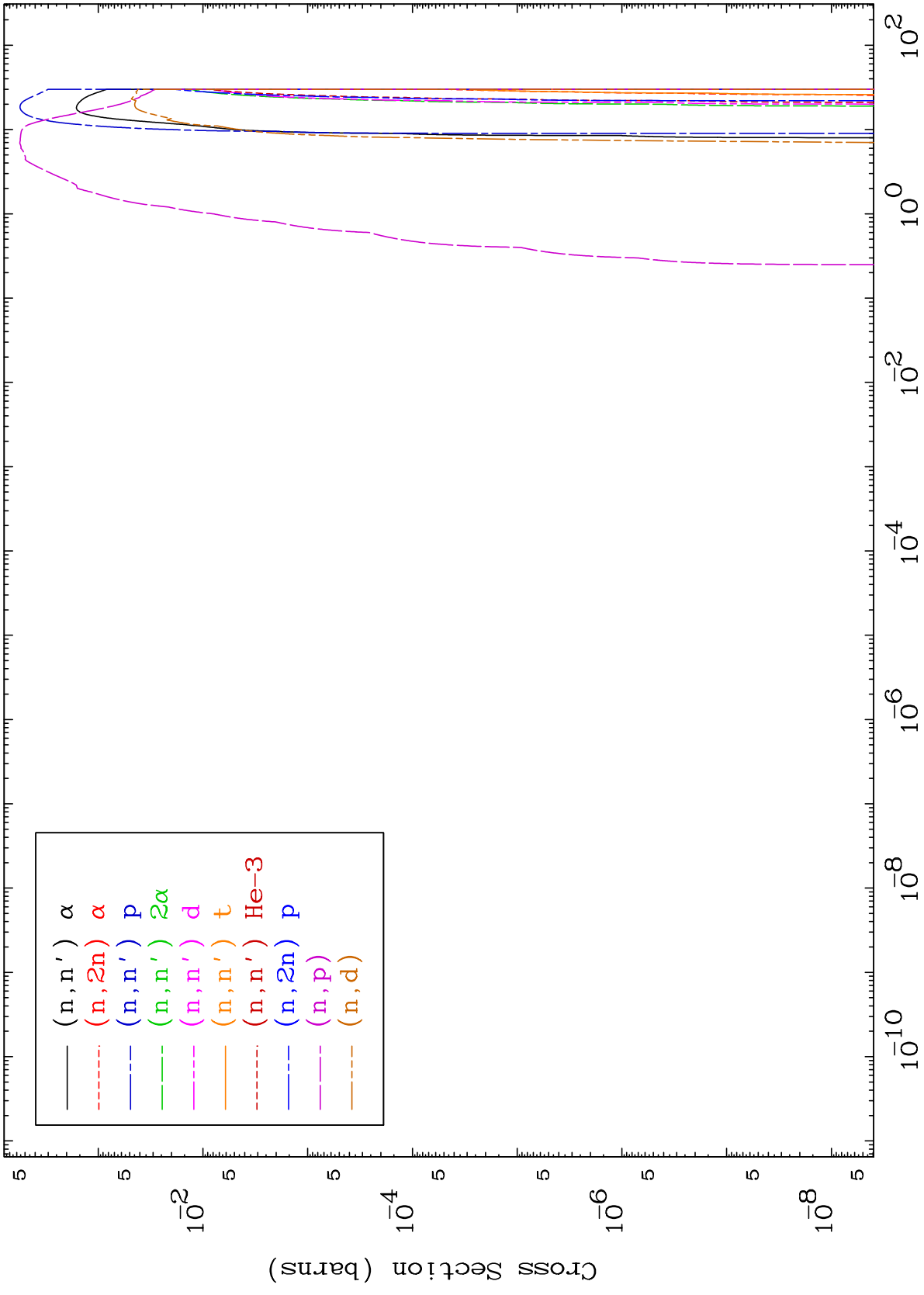
Incident Energy (MeV)

18-Ar-36

MAT 1825

Charged Particle  
293 Kelvin Cross Sections

18-Ar-36



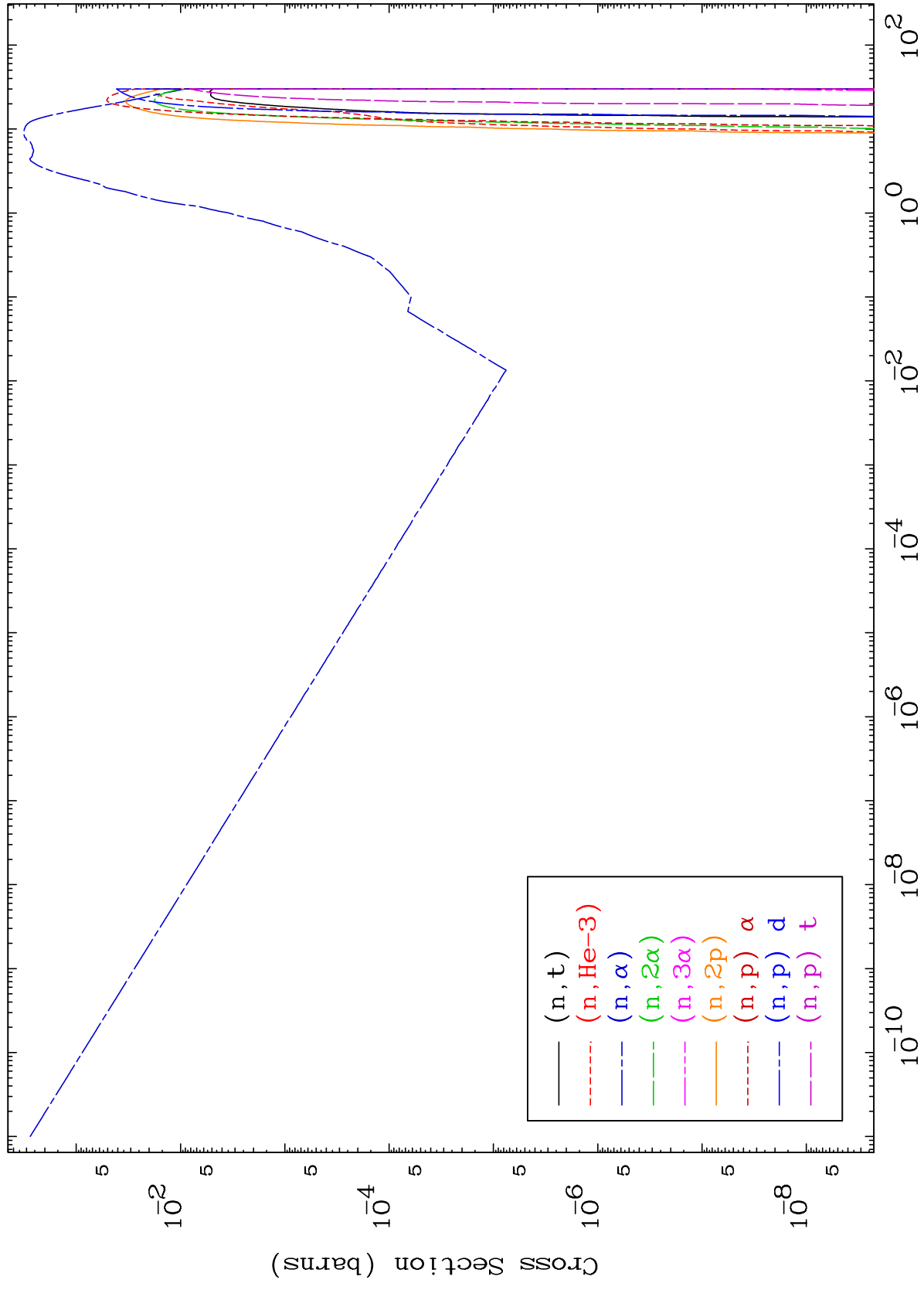
18-Ar-36

Incident Energy (MeV)

MAT 1825

Charged Particle  
293 Kelvin Cross Sections

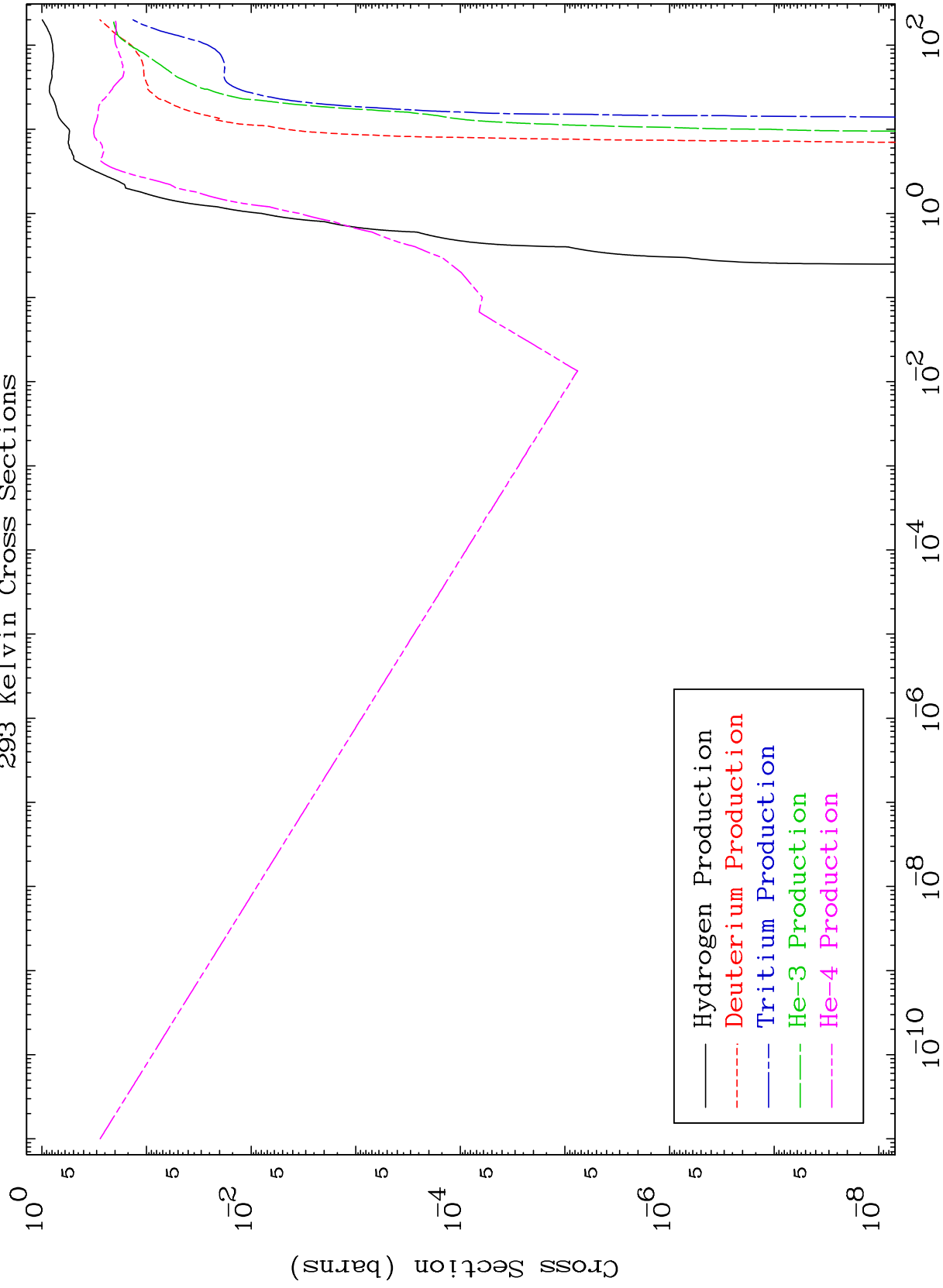
18-Ar-36



MAT 1825

Particle Production  
293 Kelvin Cross Sections

18-Ar-36



5

Incident Energy (MeV)

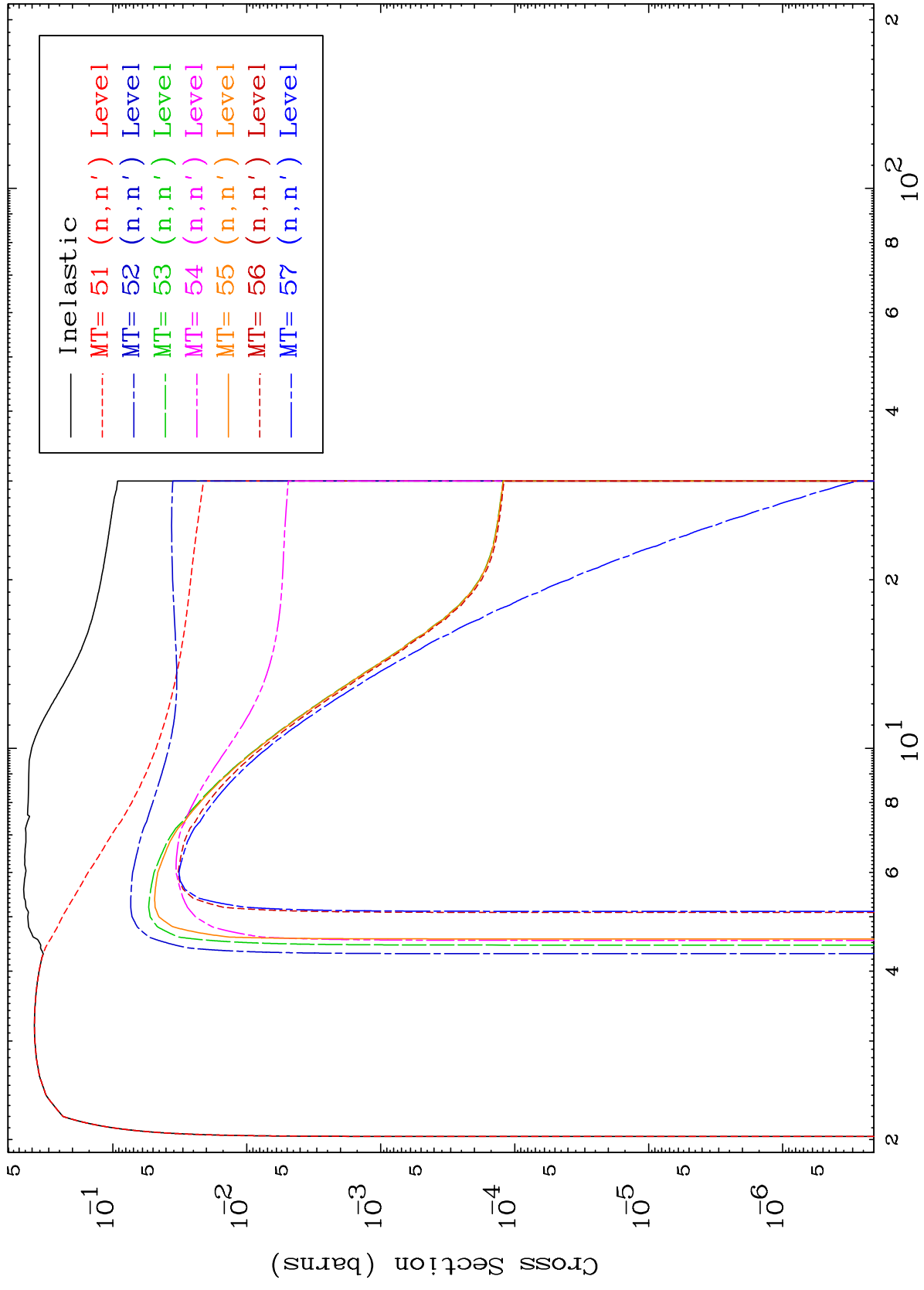
18-Ar-36

MAT 1825

(n,n') Level

18-Ar-36

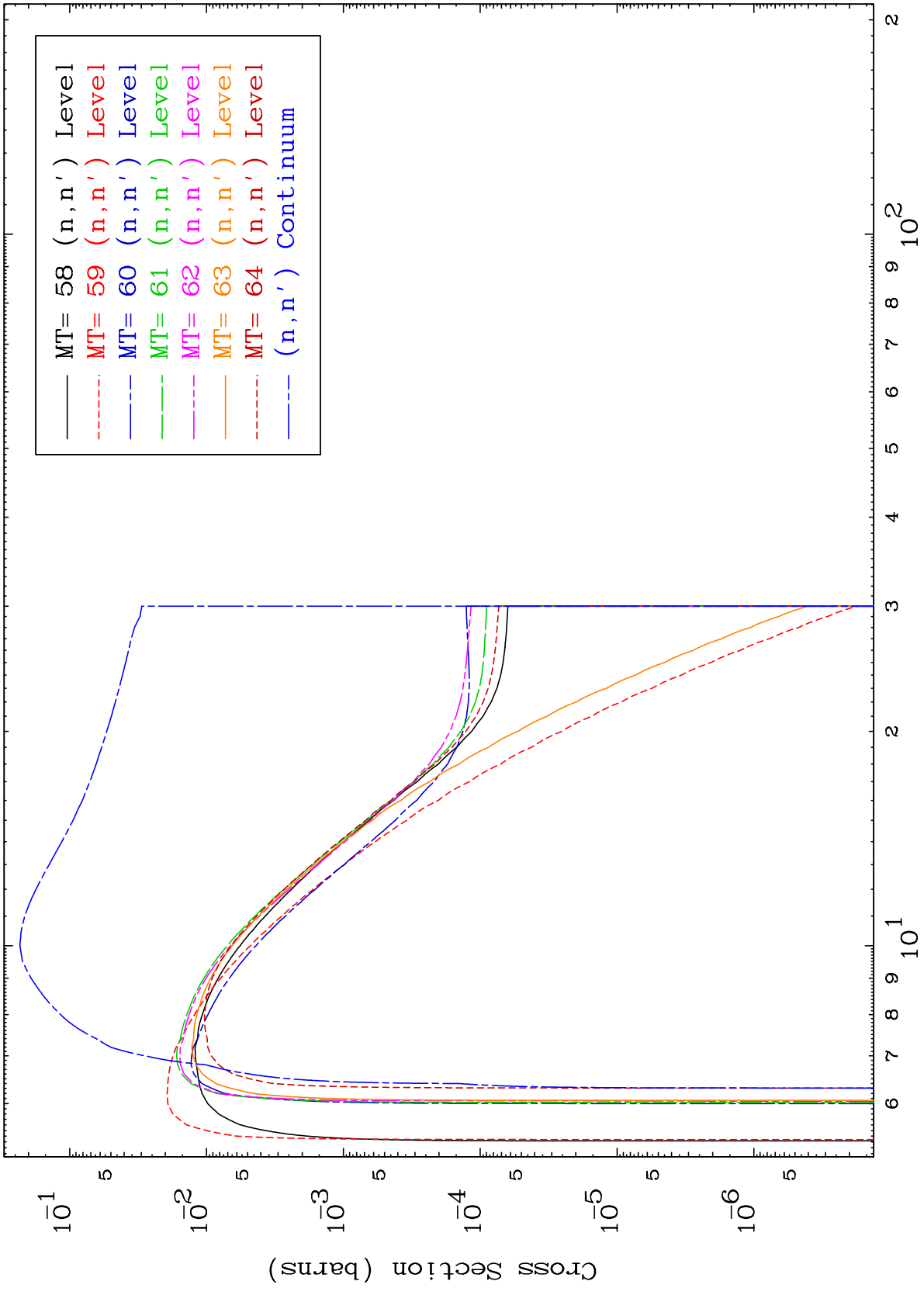
293 Kelvin Cross Sections



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Incident Energy (MeV)

18-Ar-36

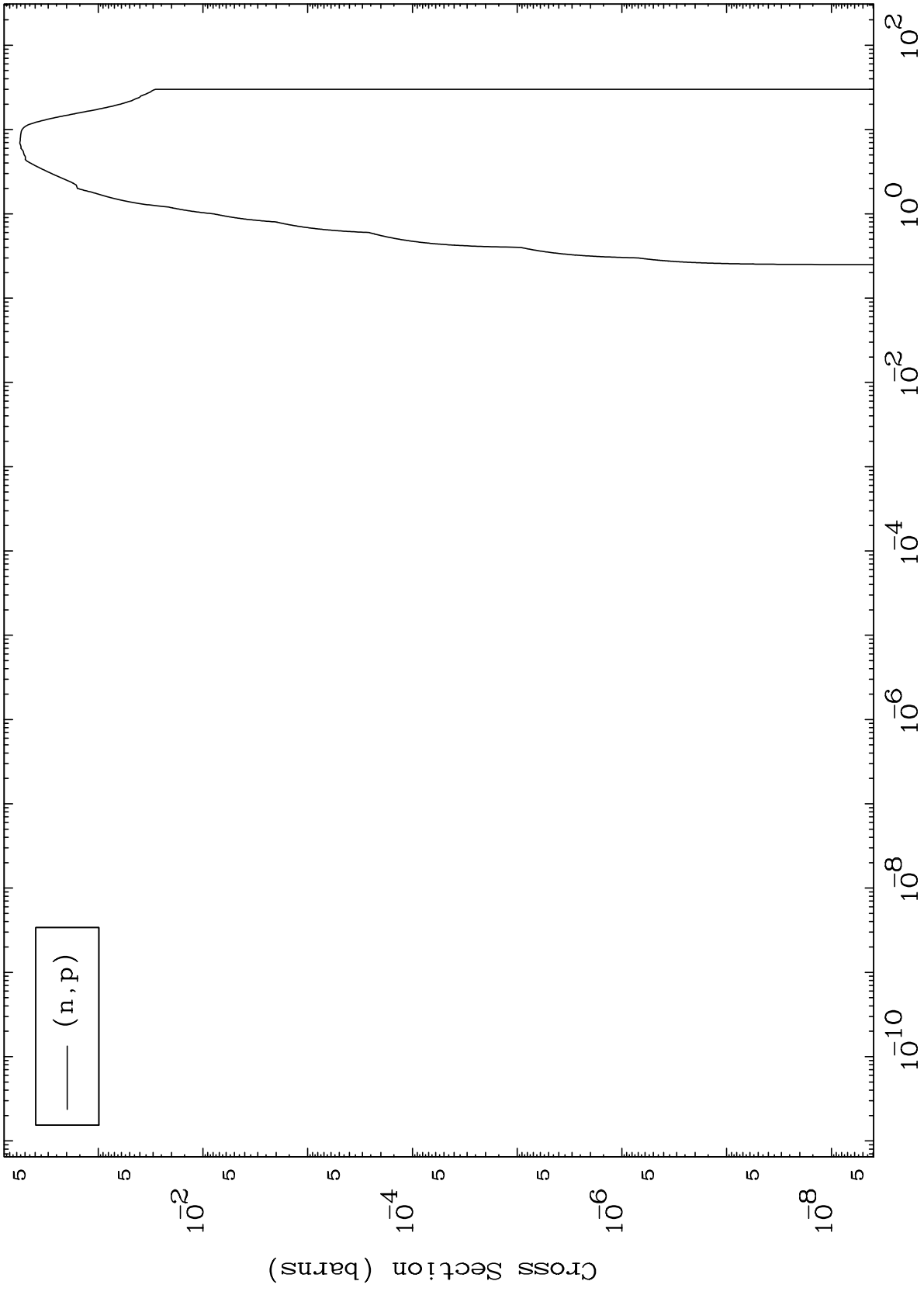




MAT 1825

(n,p) Levels  
293 Kelvin Cross Sections

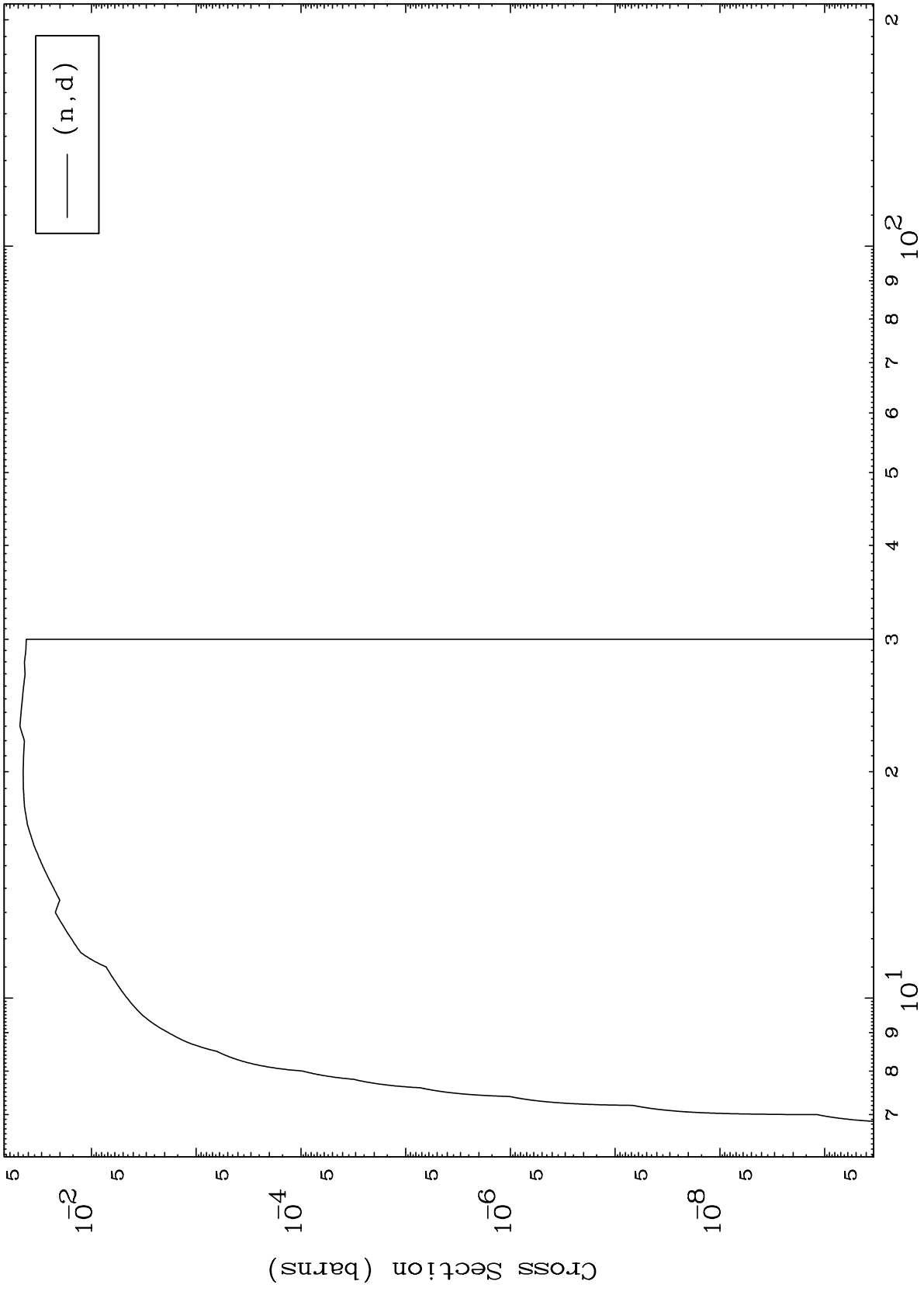
18-Ar-36



MAT 1825

(n,d) Levels  
293 Kelvin Cross Sections

18-Ar-36



9

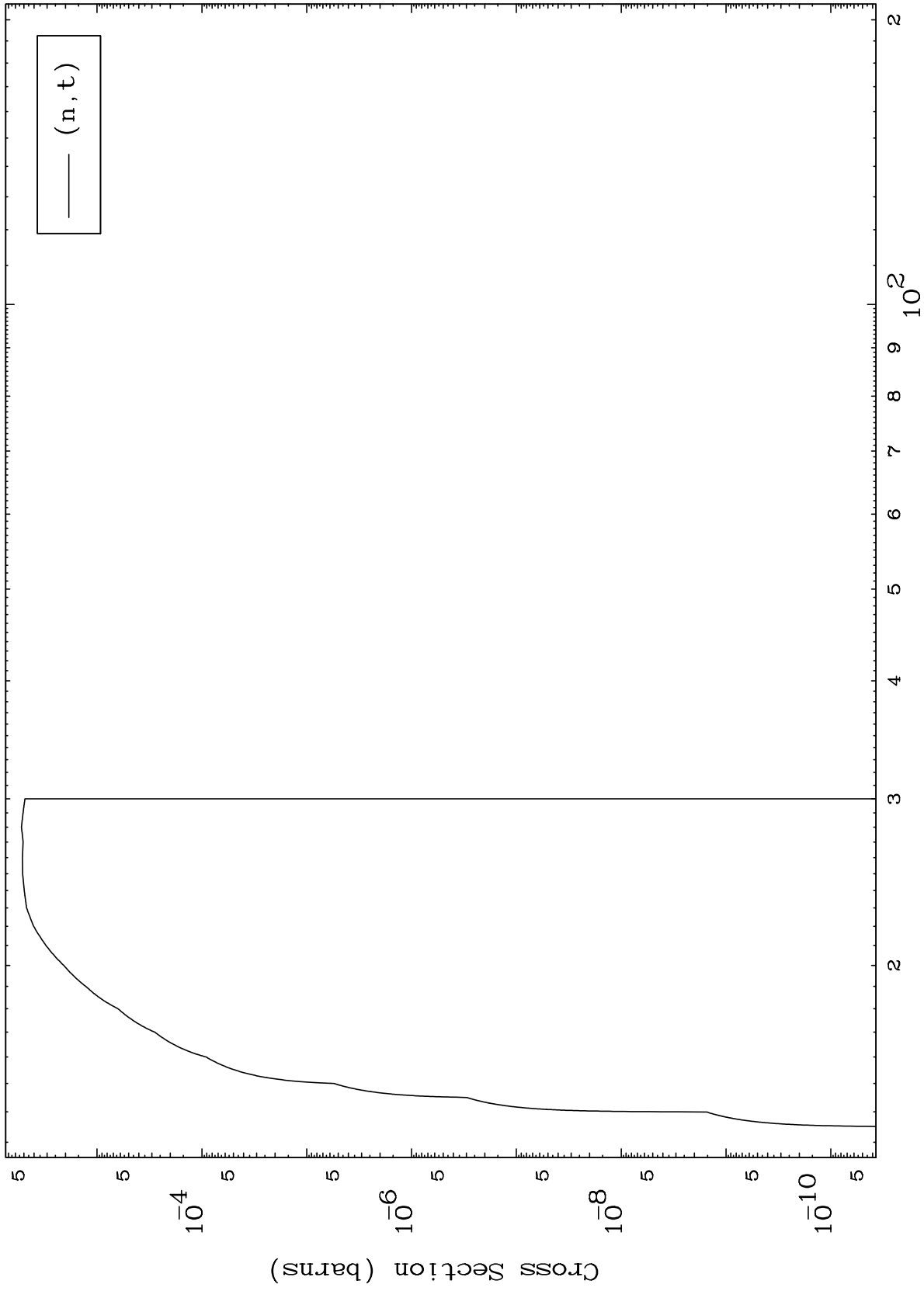
Incident Energy (MeV)

18-Ar-36

MAT 1825

(n,t) Levels  
293 Kelvin Cross Sections

18-Ar-36



10

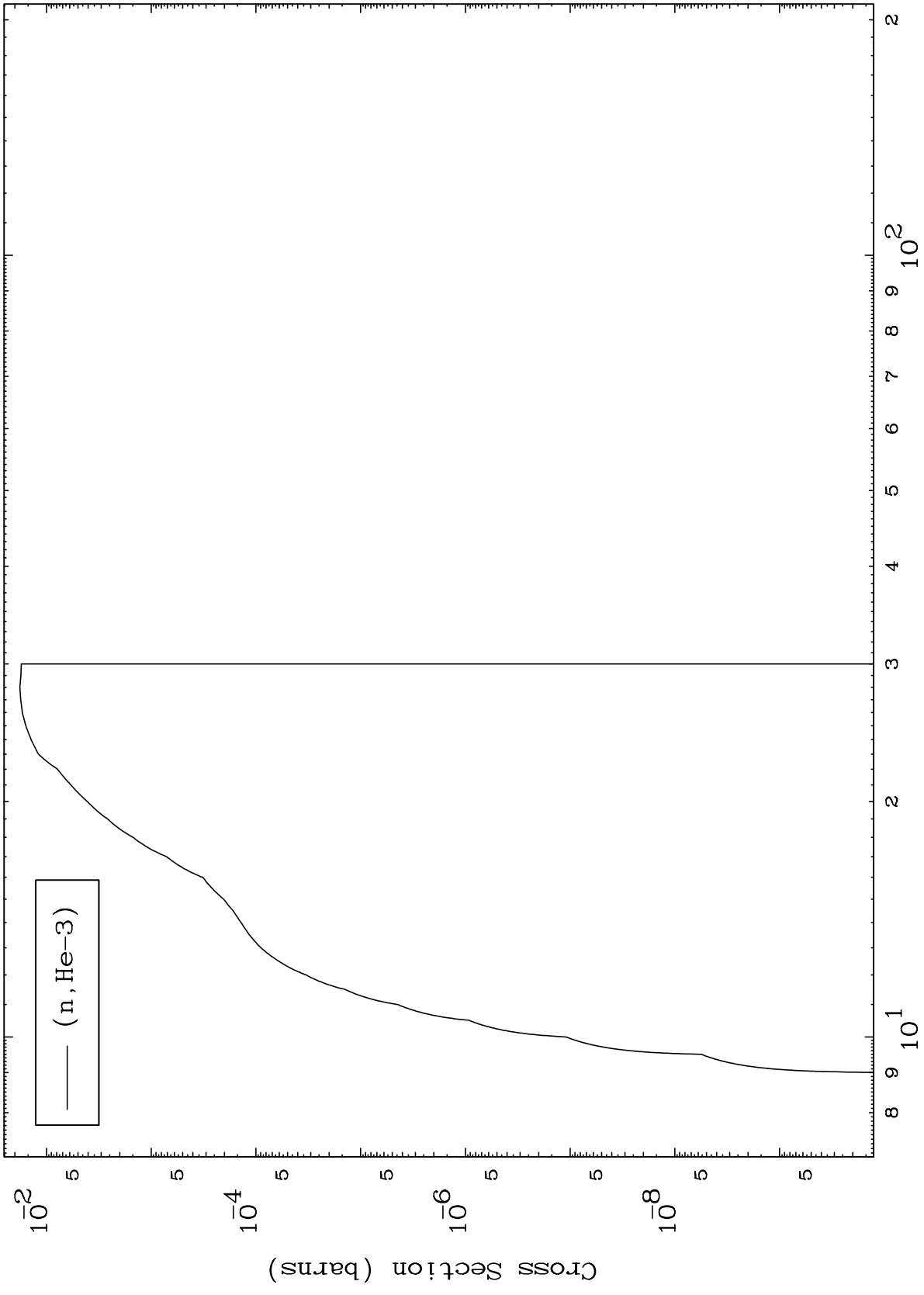
Incident Energy (MeV)

18-Ar-36

MAT 1825

(n,He3) Levels  
293 Kelvin Cross Sections

18-Ar-36



11

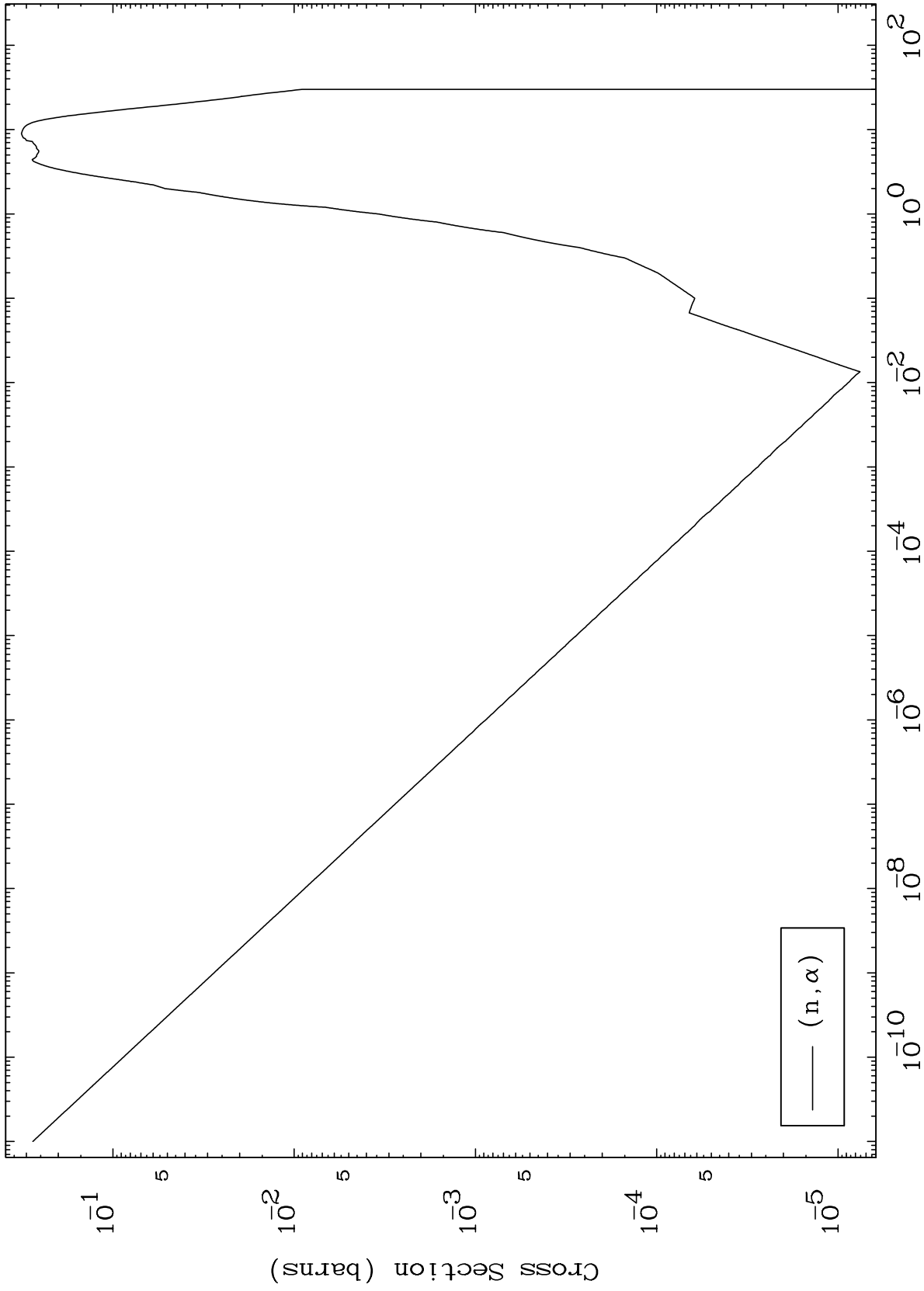
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

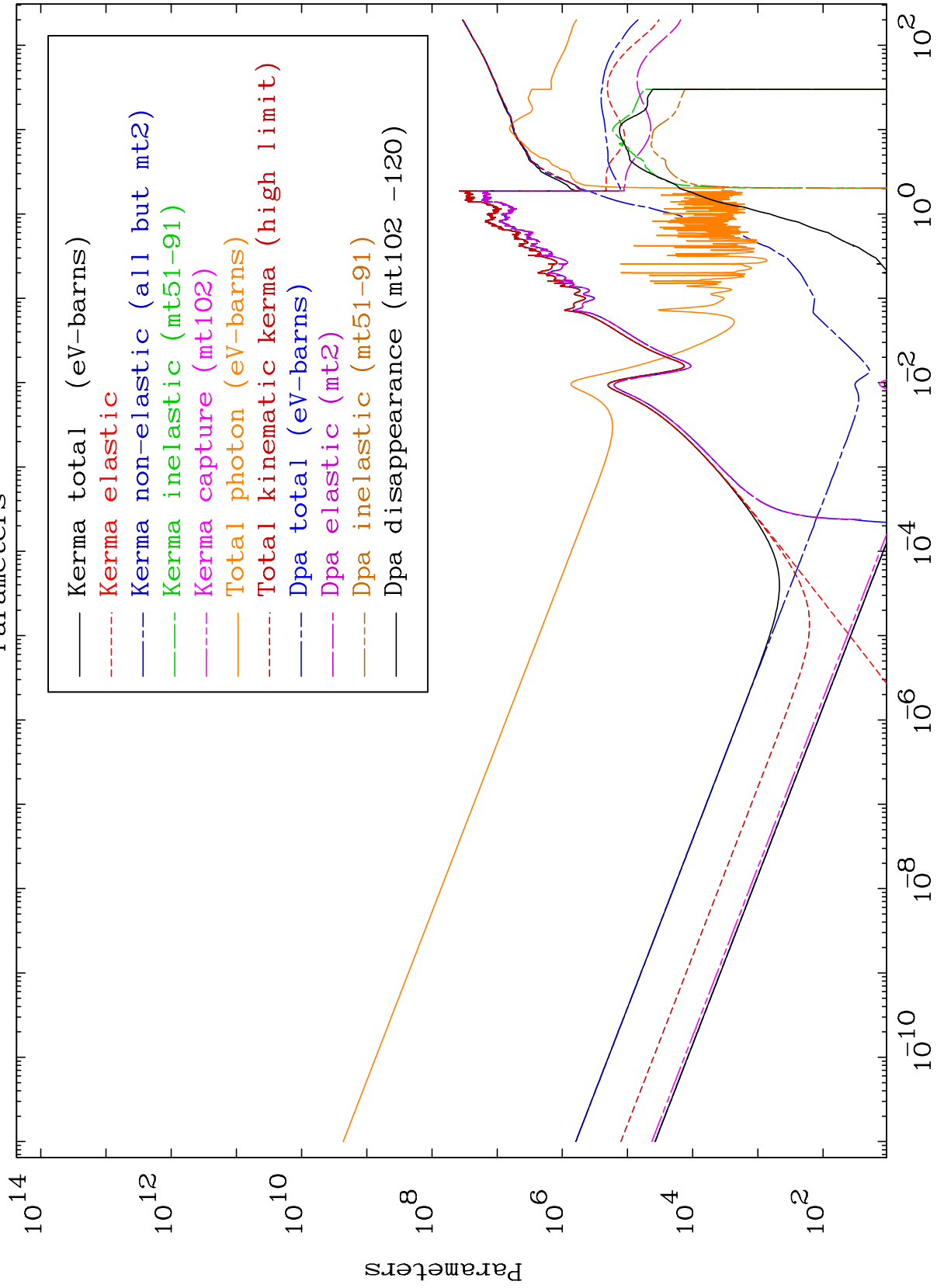
18-Ar-36



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Incident Energy (MeV)

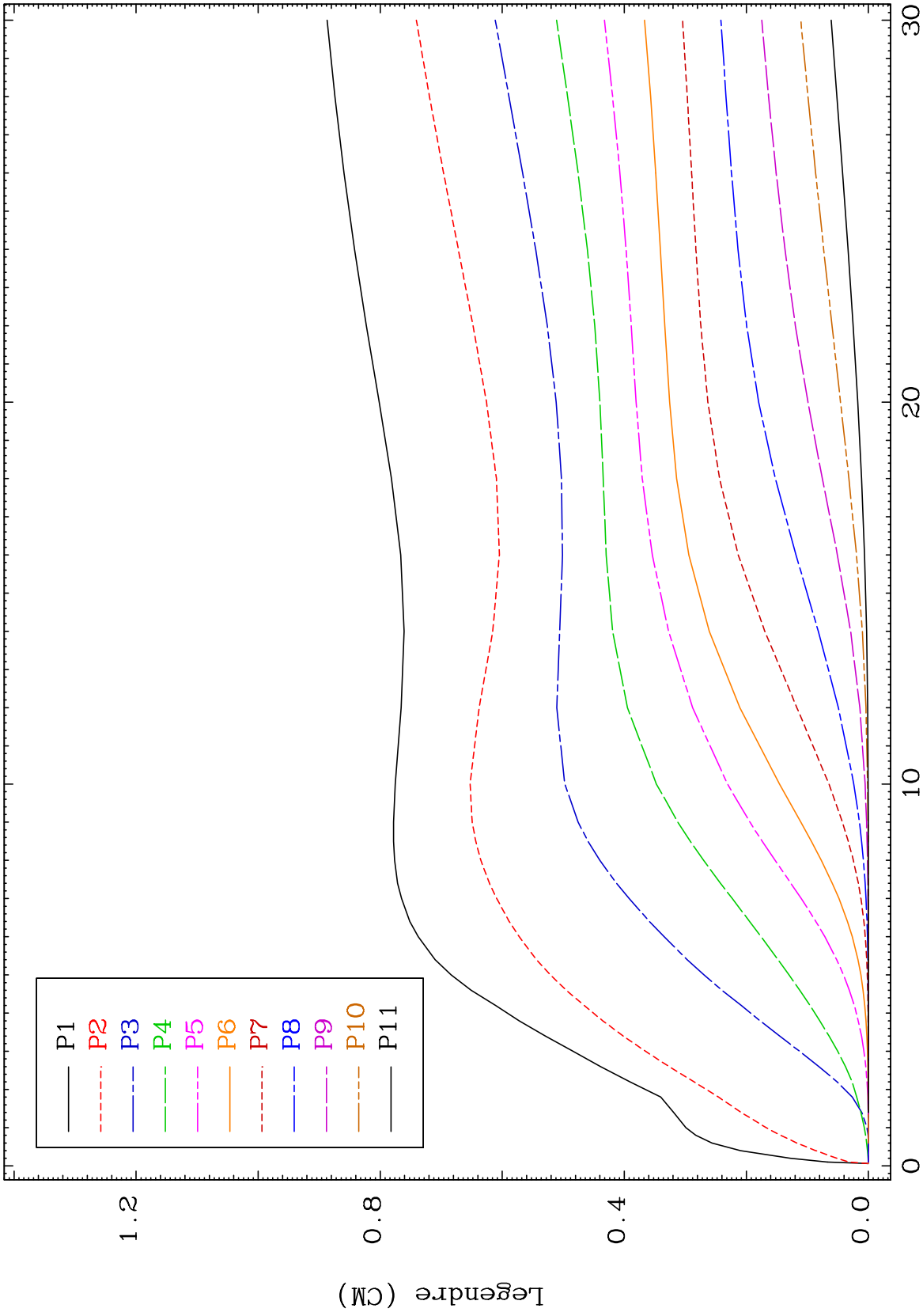
18-Ar-36



MAT 1825

Elastic Legendre Coefficients

18-Ar-36



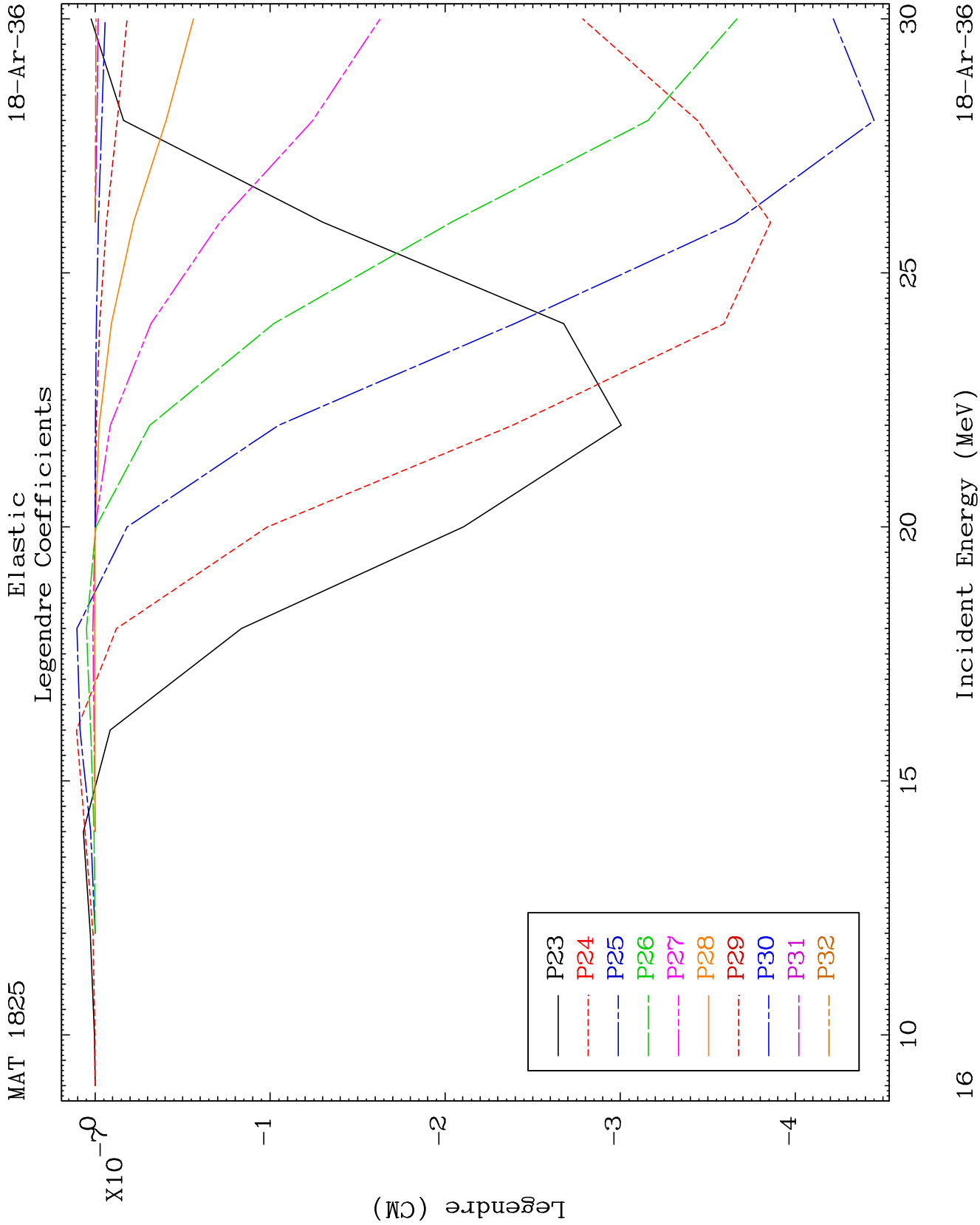
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Incident Energy (MeV)

18-Ar-36



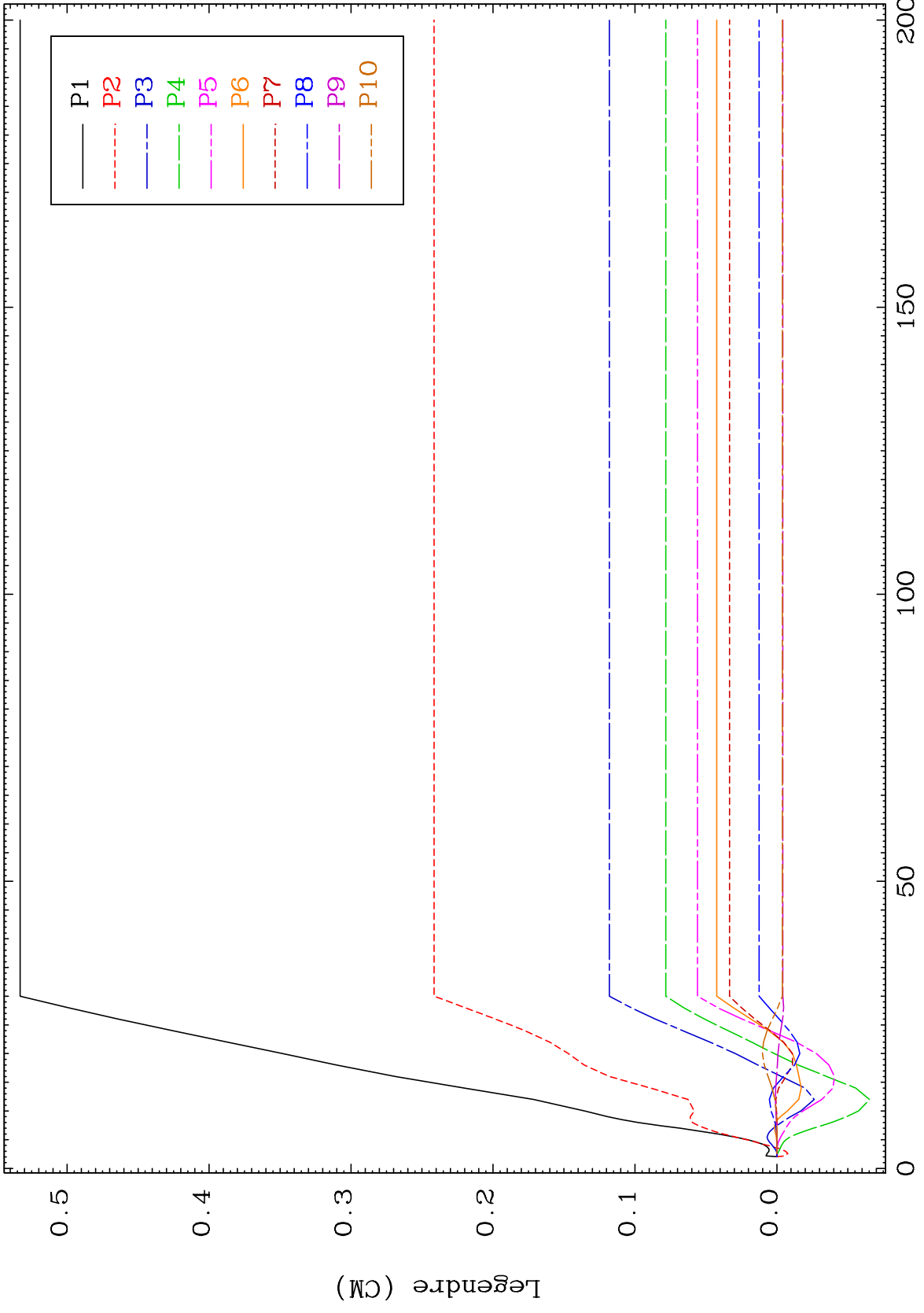




MAT 1825

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

18-Ar-36



17

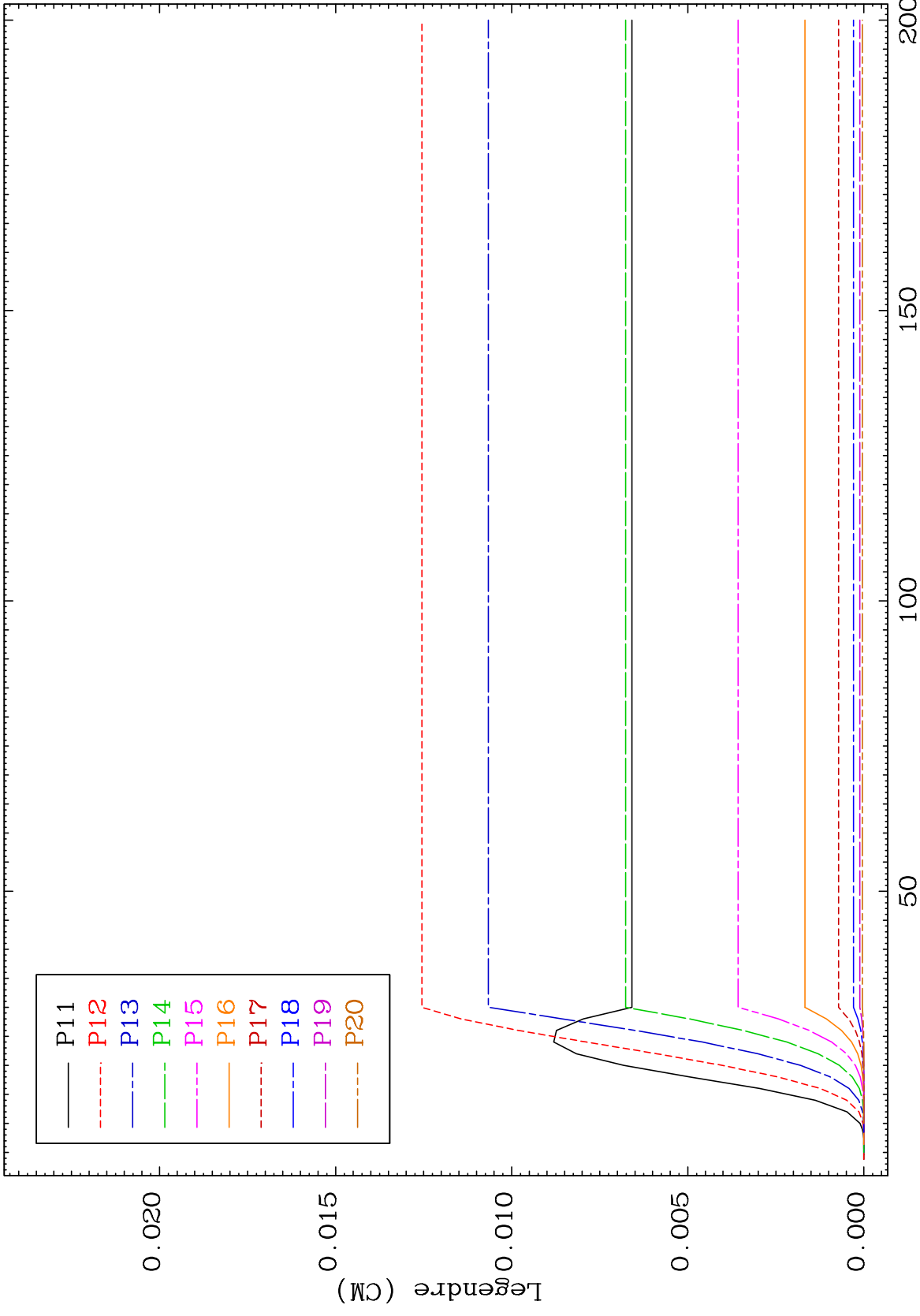
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



18

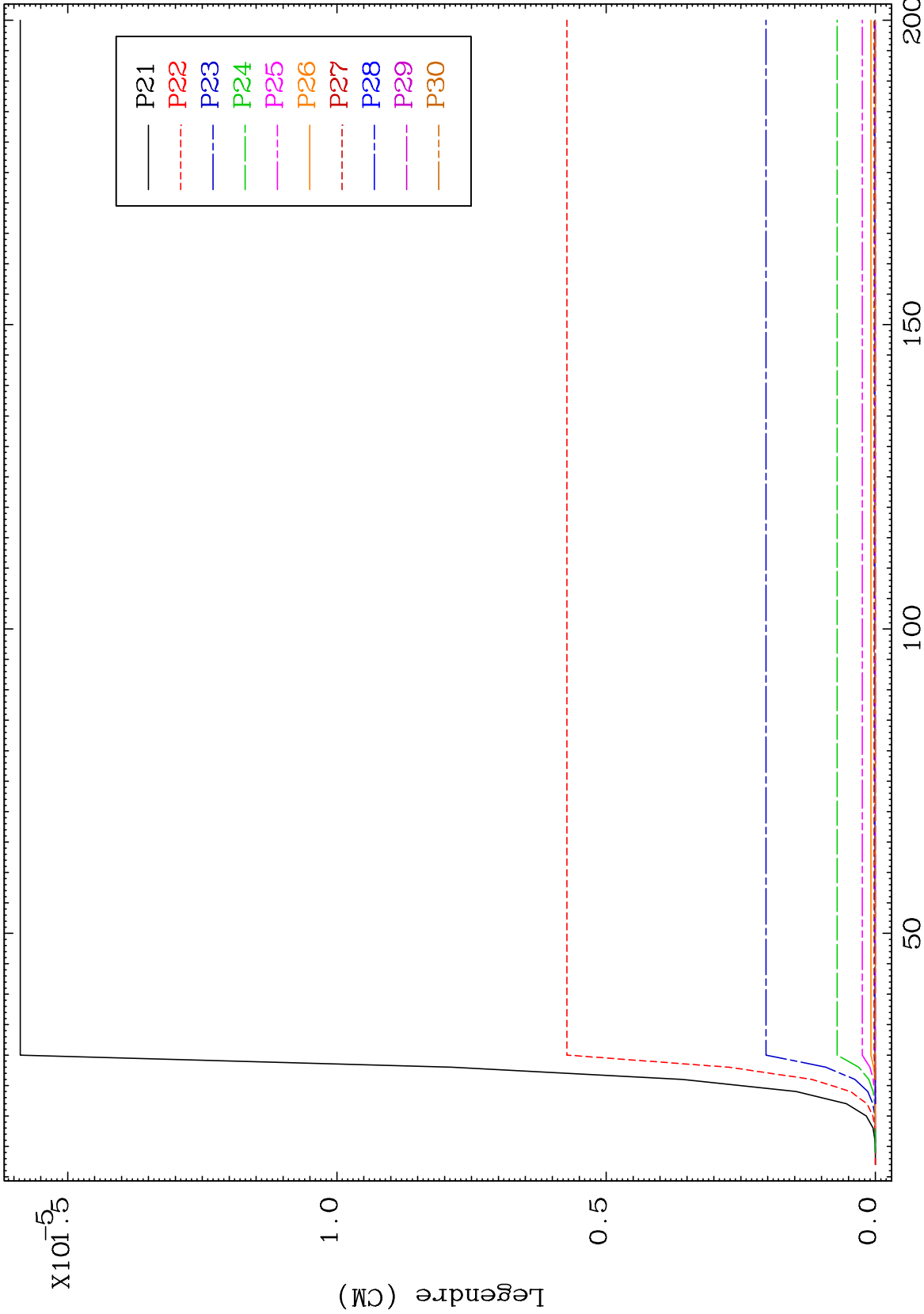
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



19

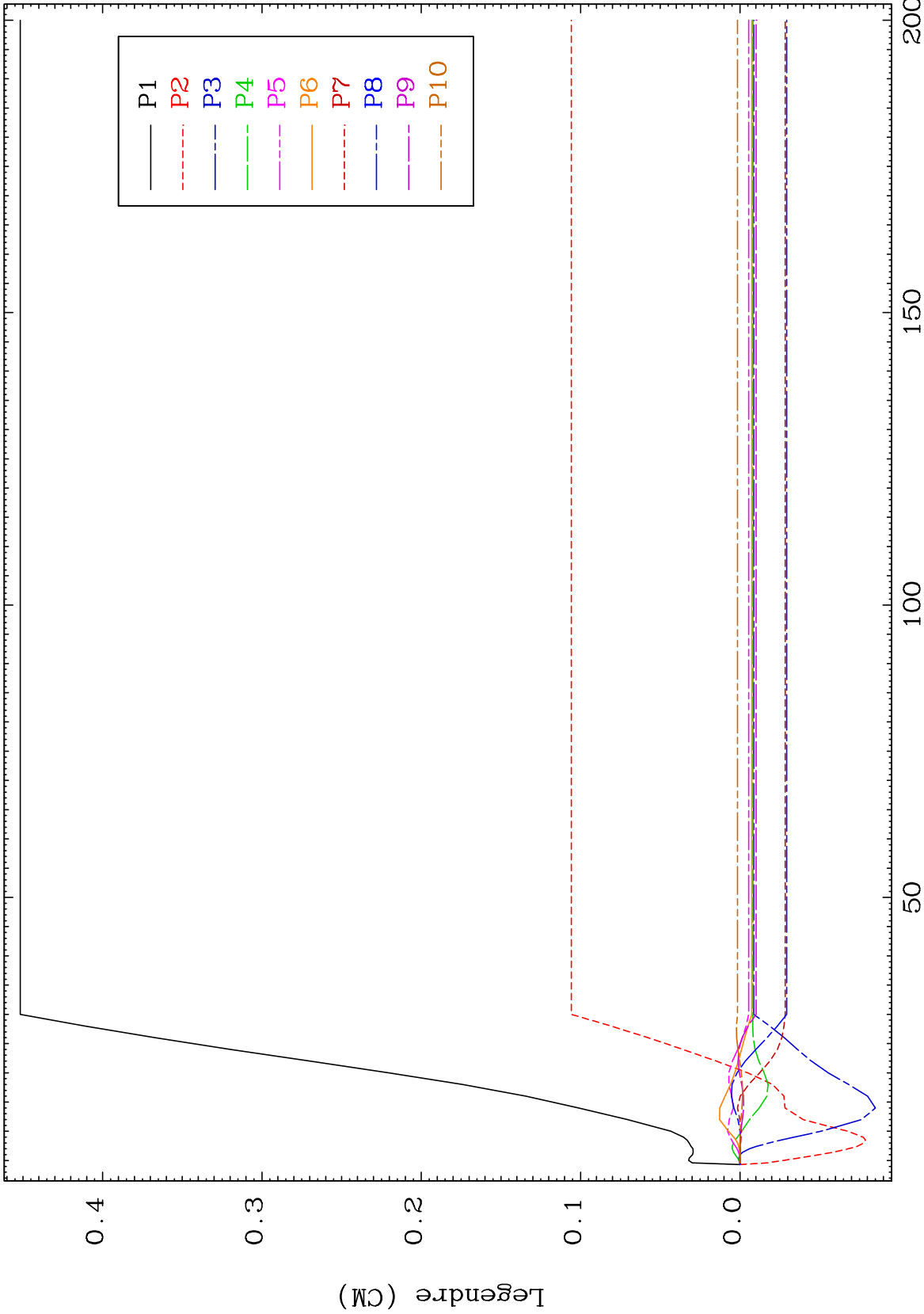
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

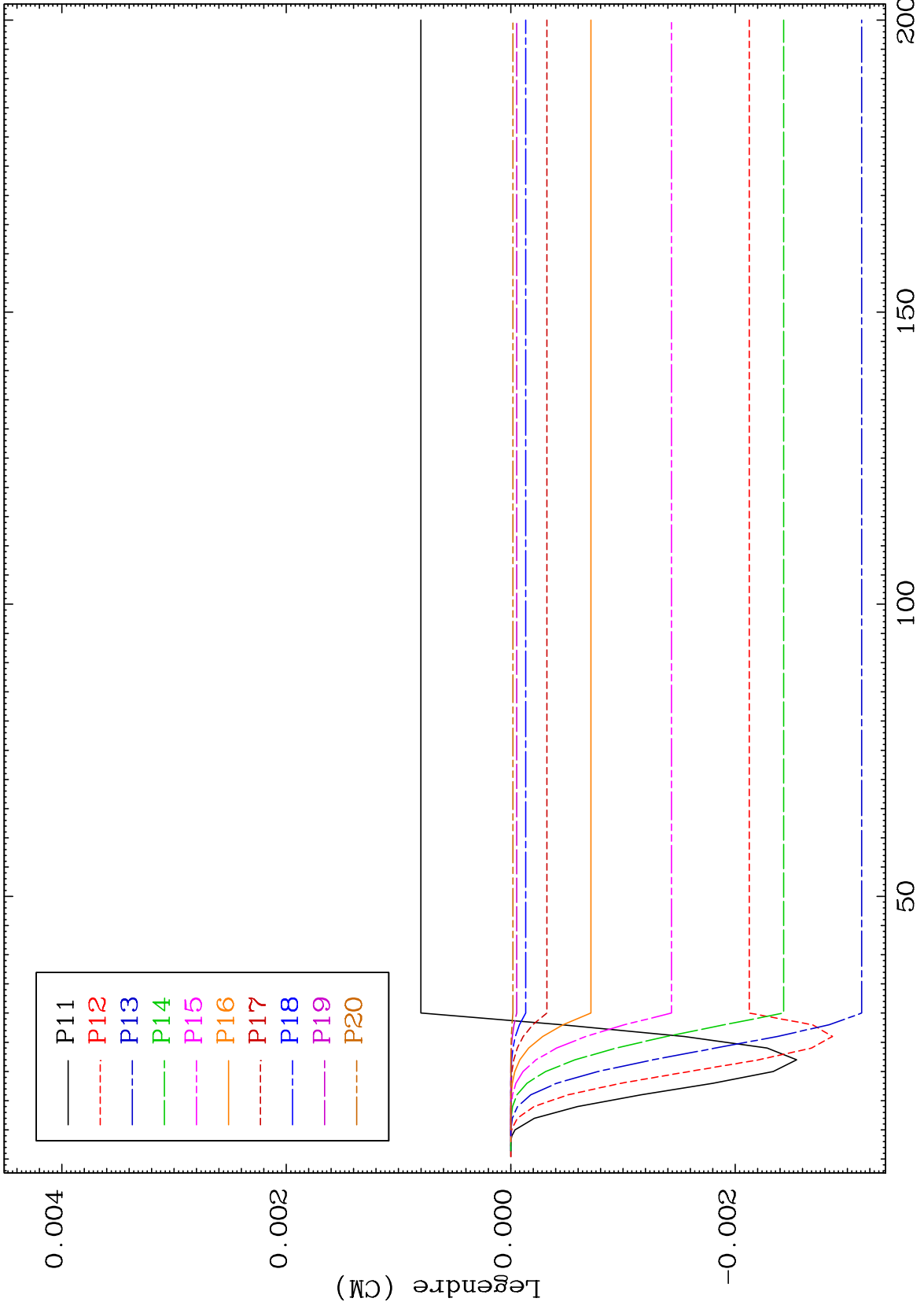
18-Ar-36



20

Incident Energy (MeV)

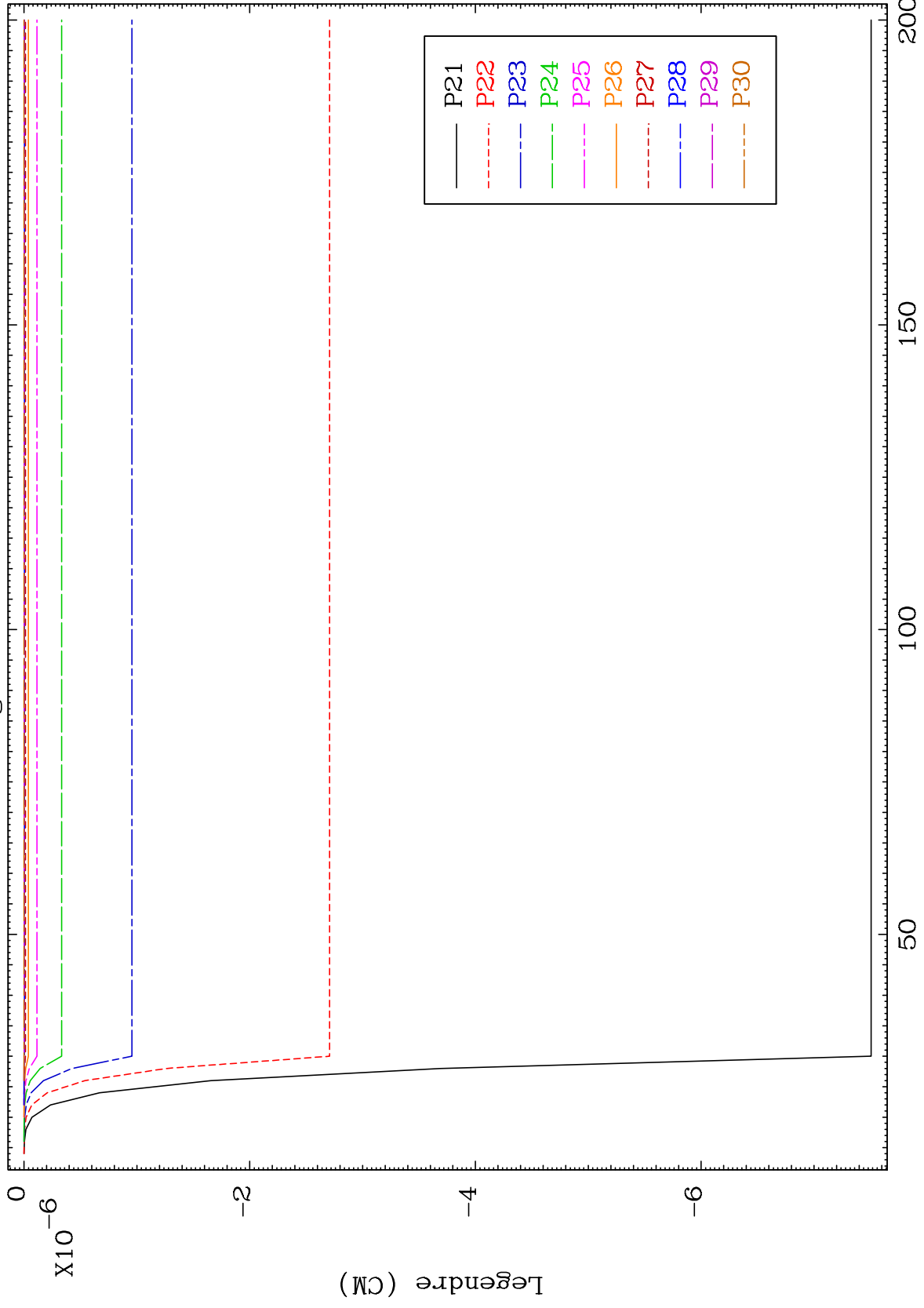
18-Ar-36



MAT 1825

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

18-Ar-36



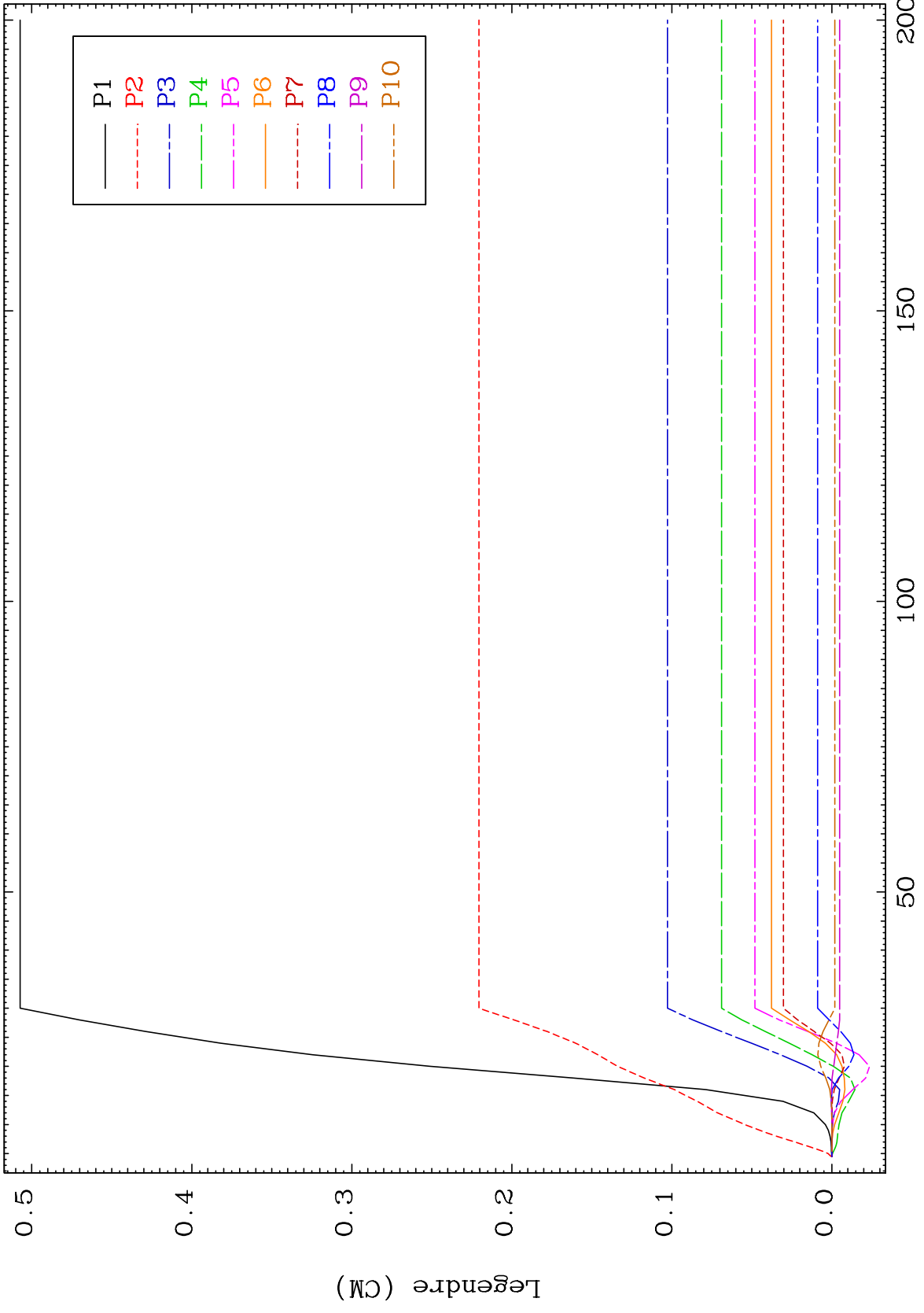
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18-Ar-36

MAT 1825

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

18-Ar-36



23

Incident Energy (MeV)

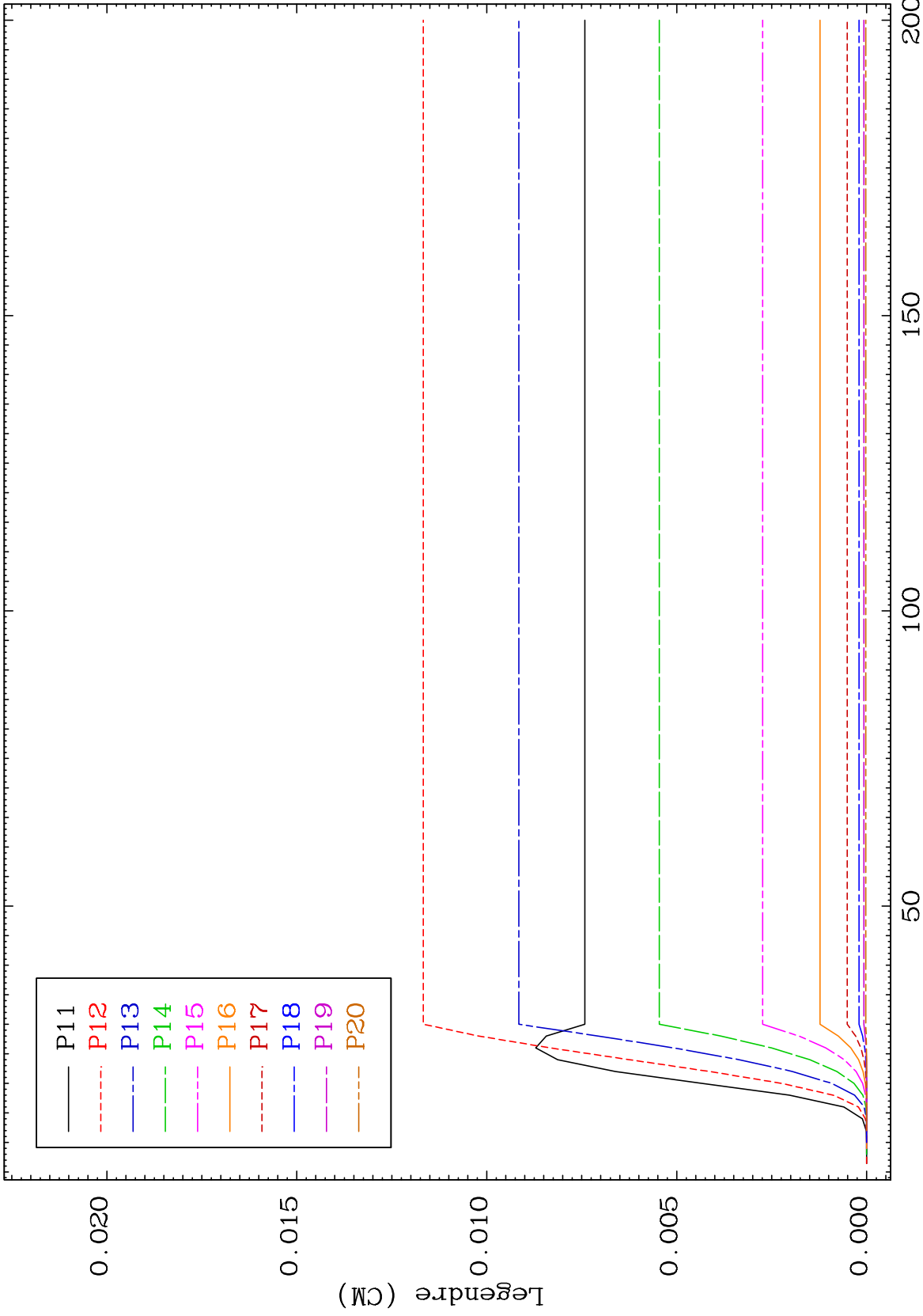
18-Ar-36



MAT 1825

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

18-Ar-36



24

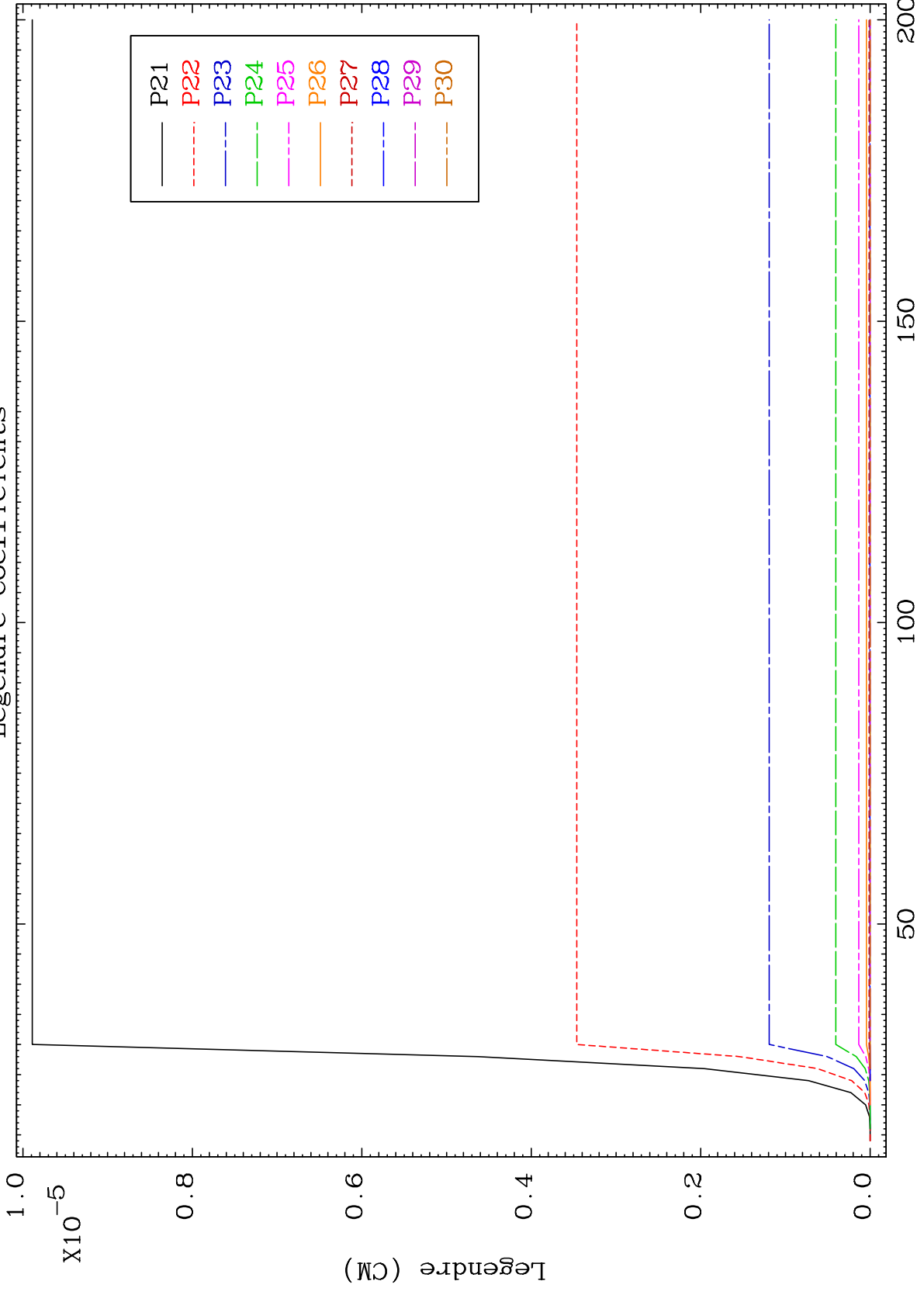
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



25

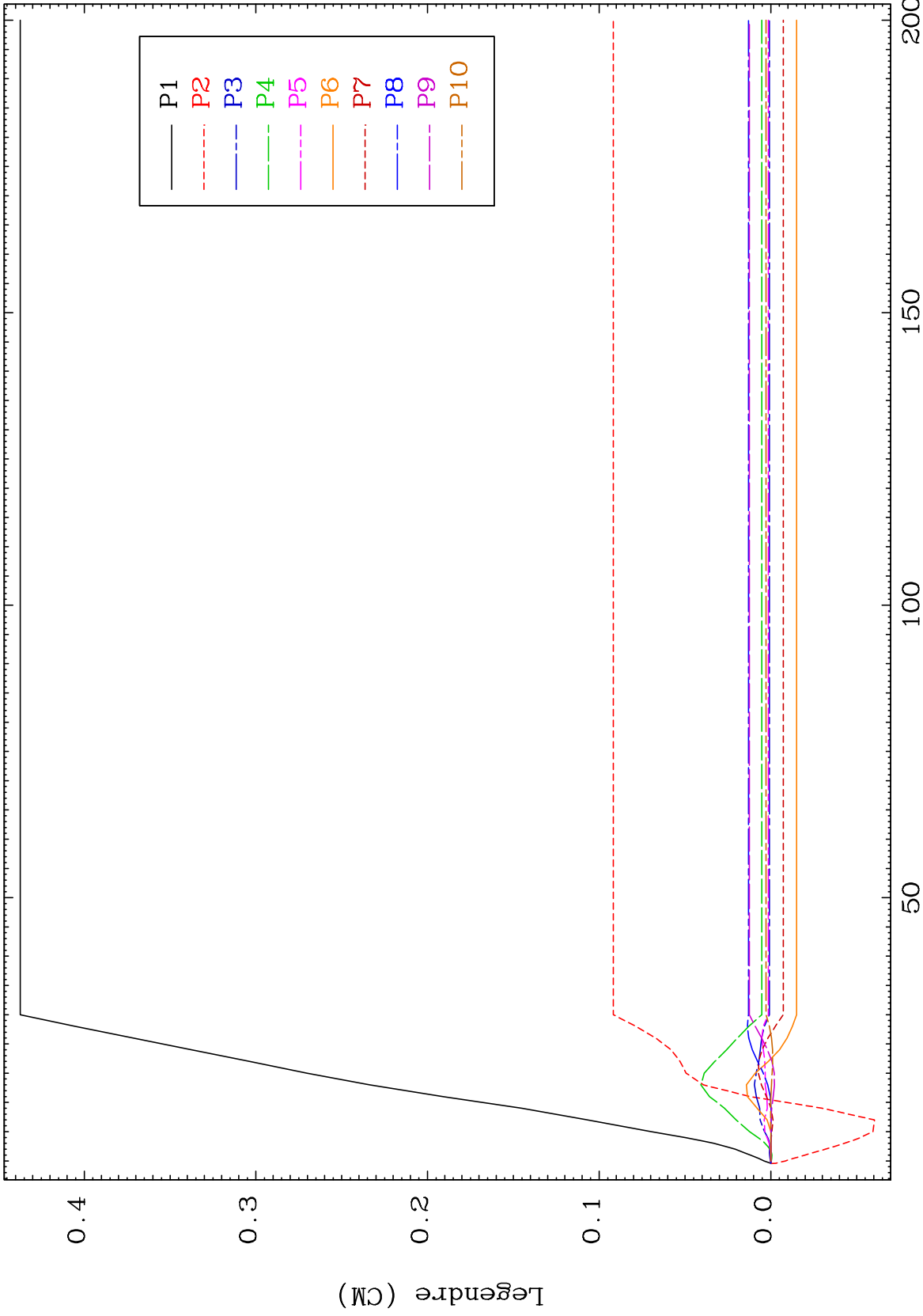
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



26

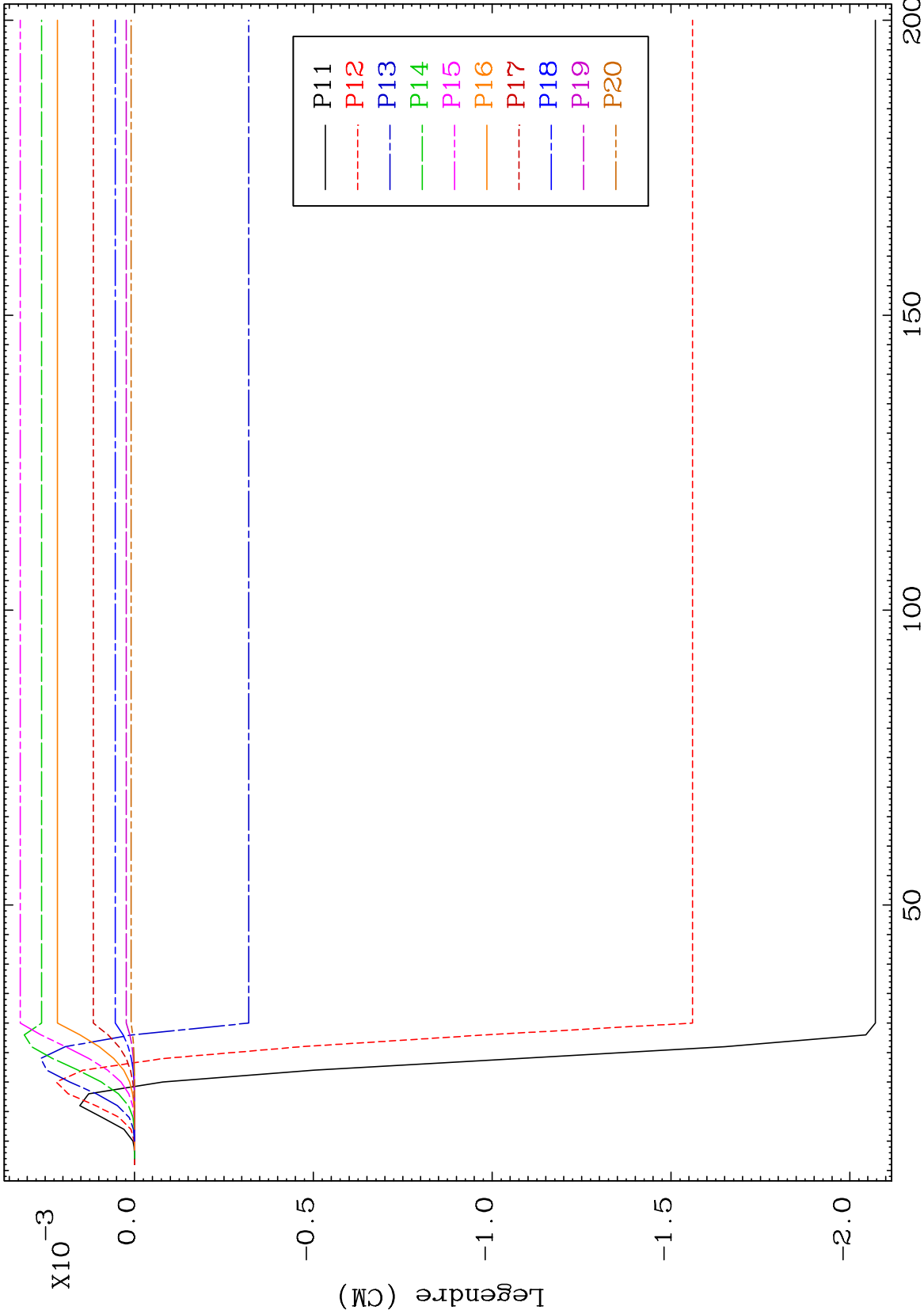
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



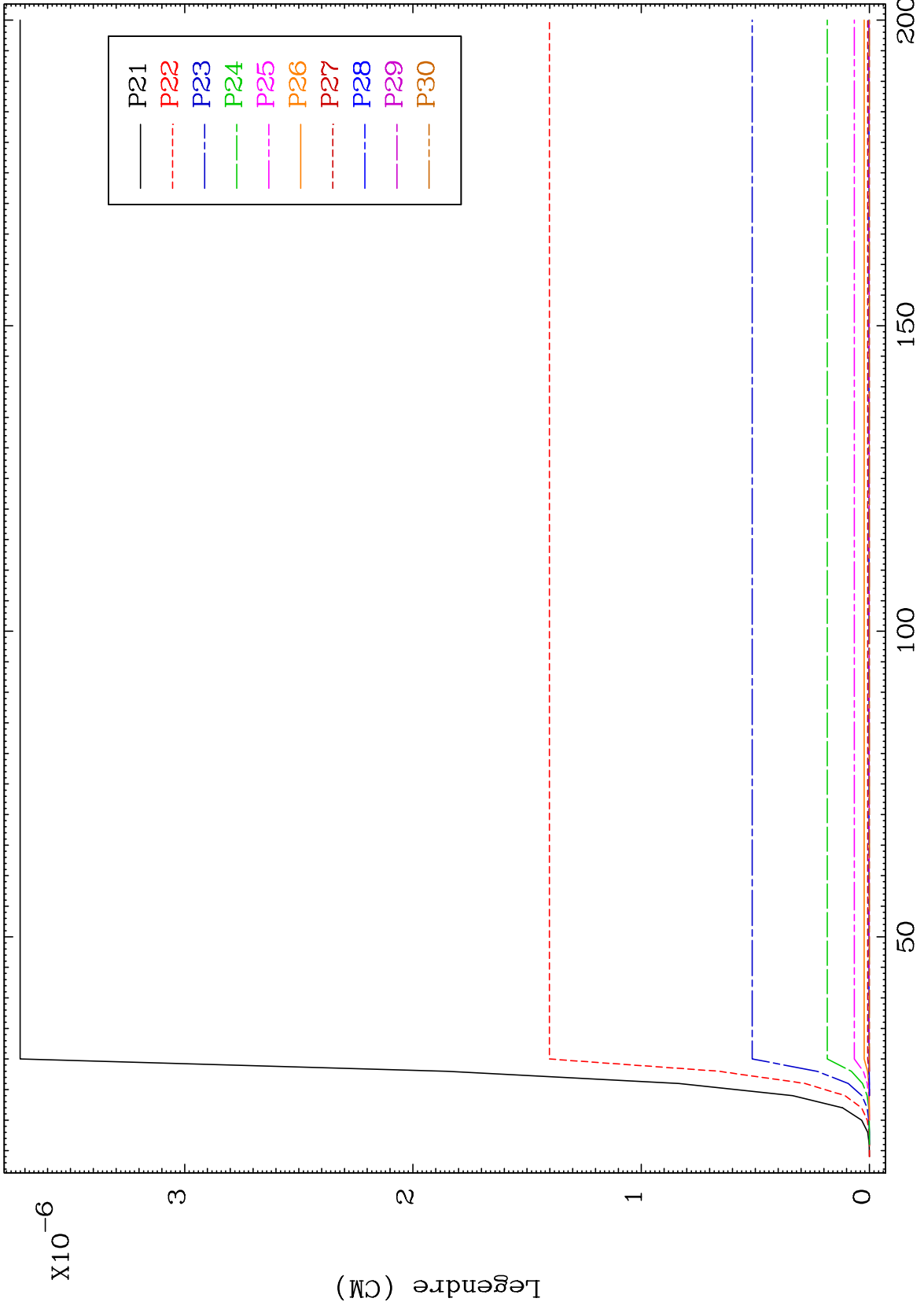
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18-Ar-36

MAT 1825

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

18-Ar-36



28

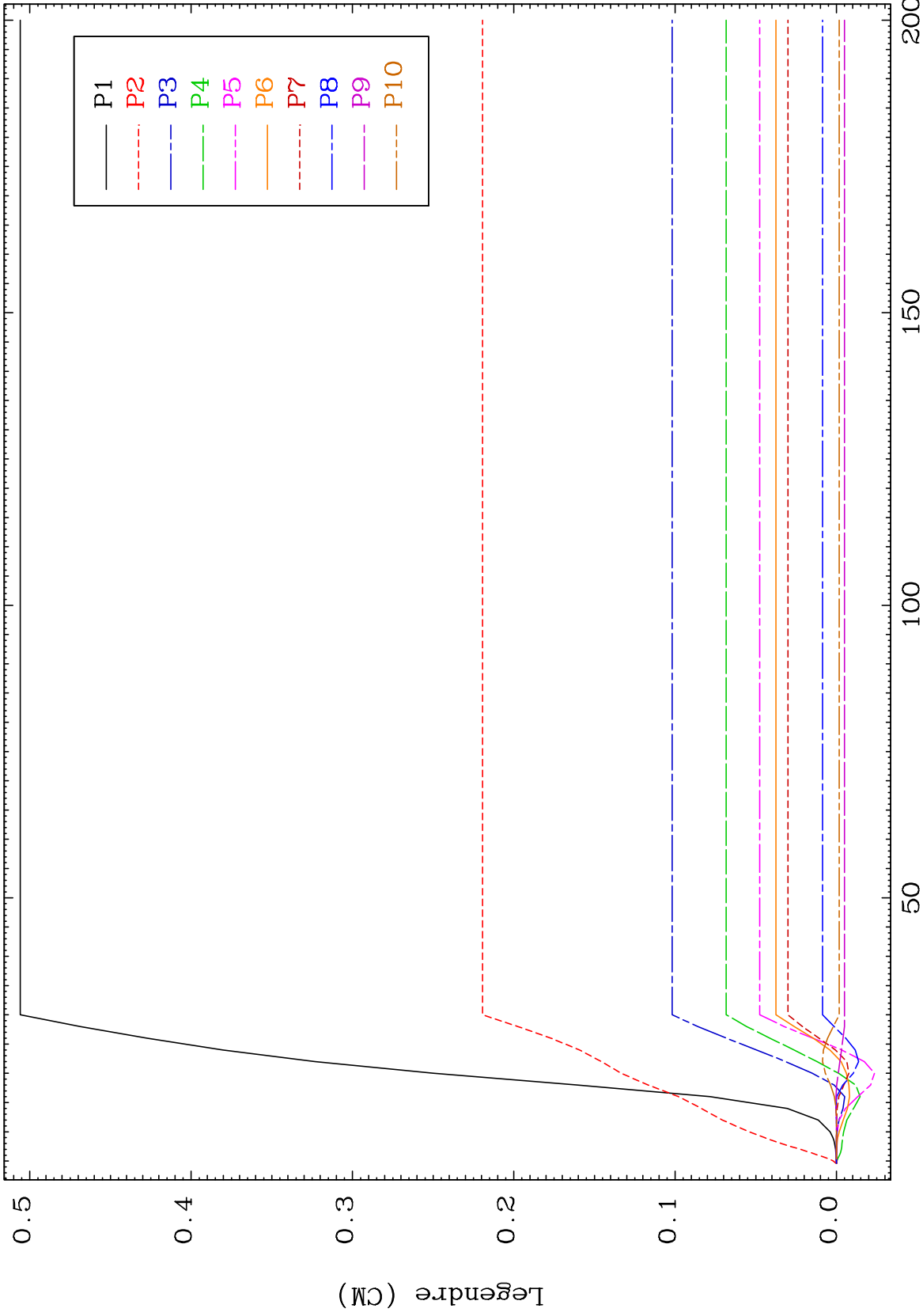
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



29

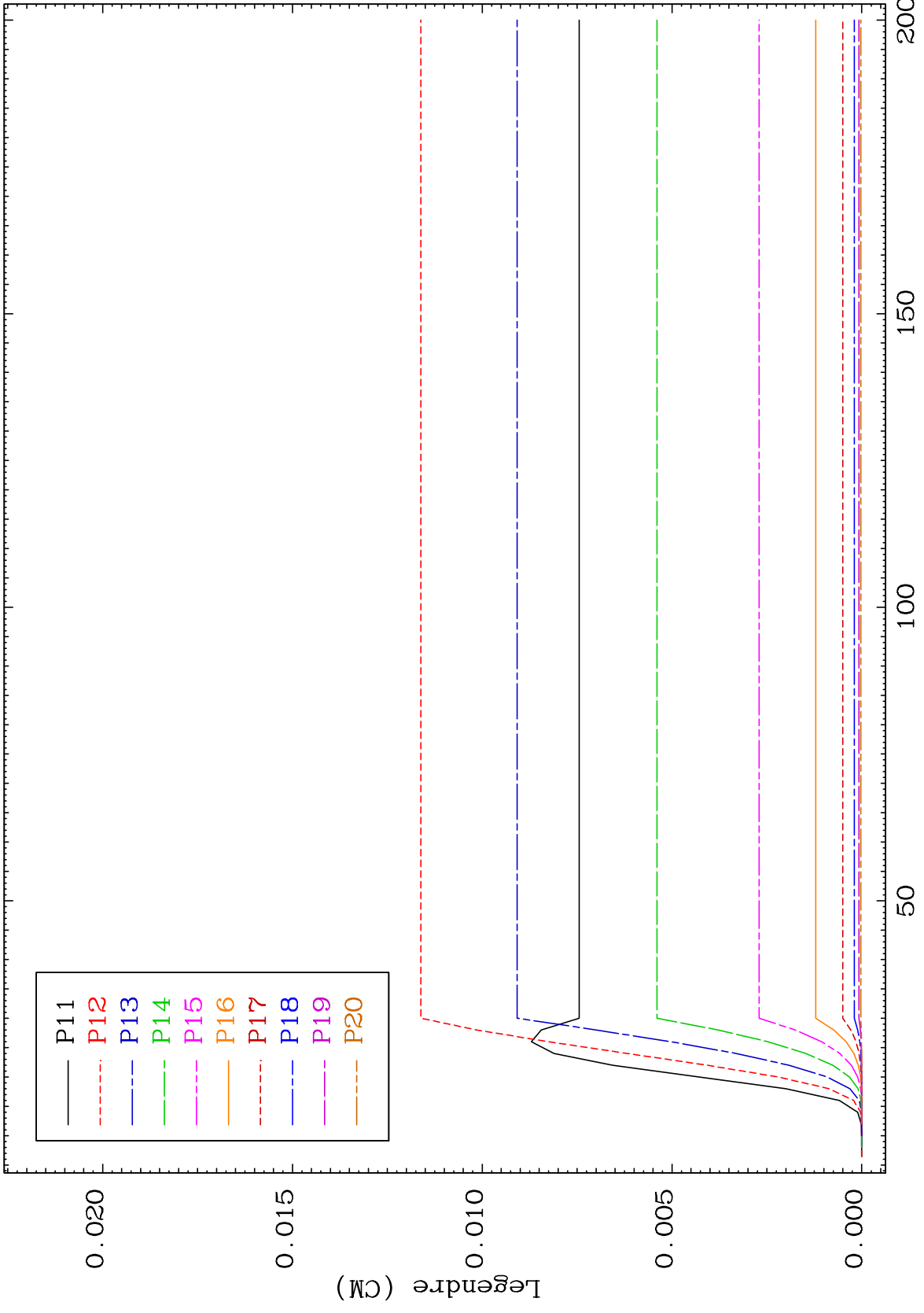
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



30

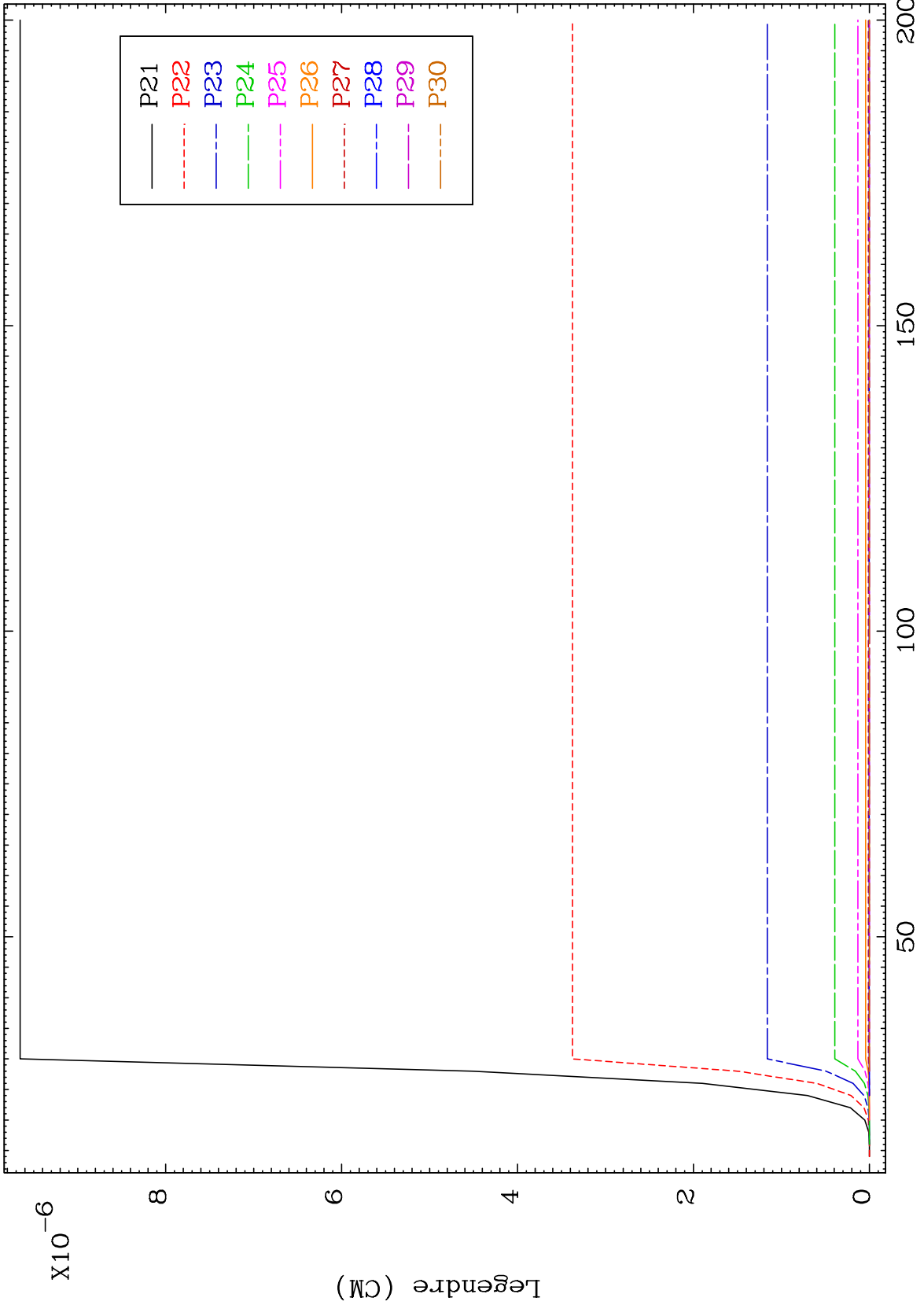
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



31

Incident Energy (MeV)

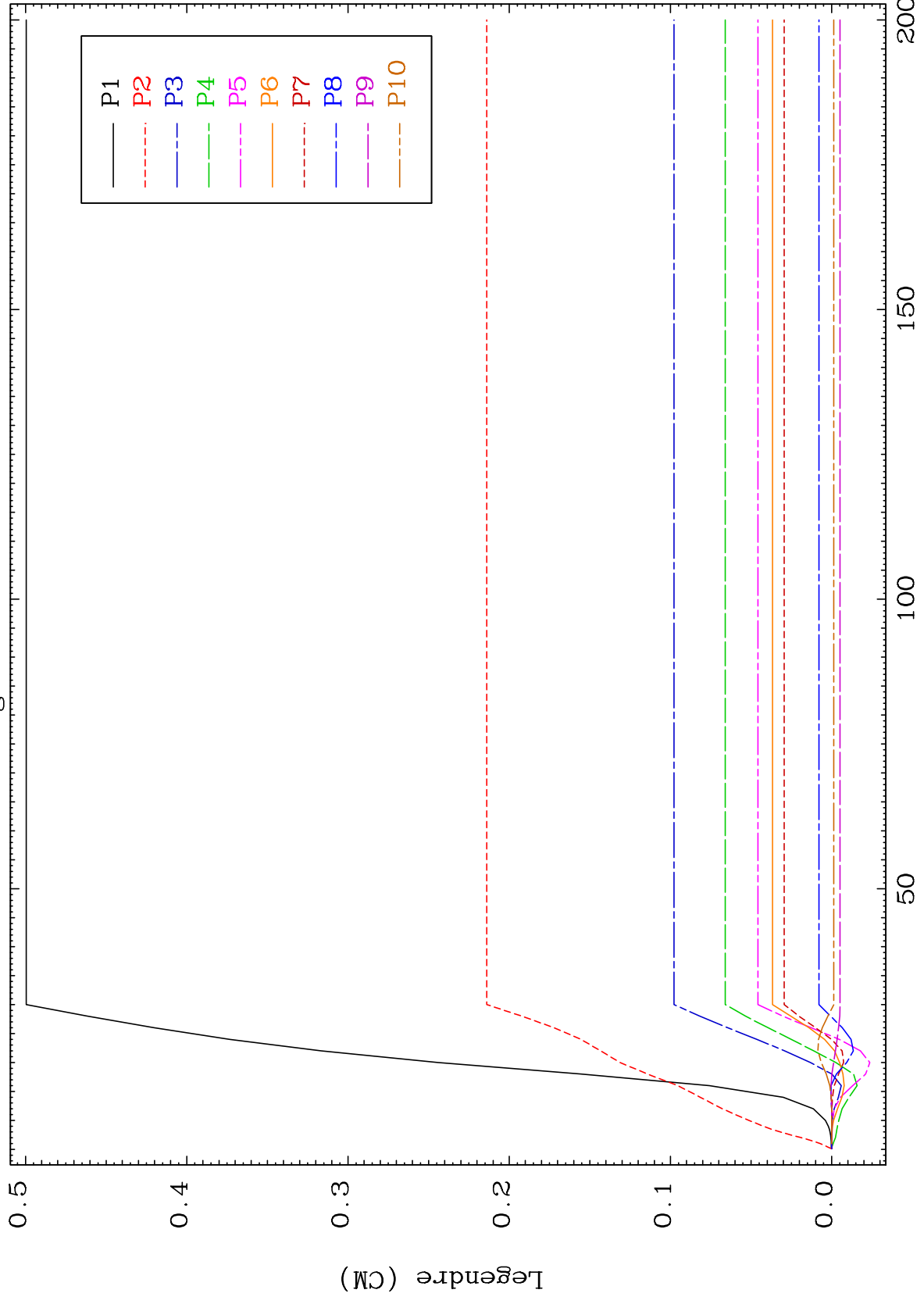
18-Ar-36



MAT 1825

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

18-Ar-36



32

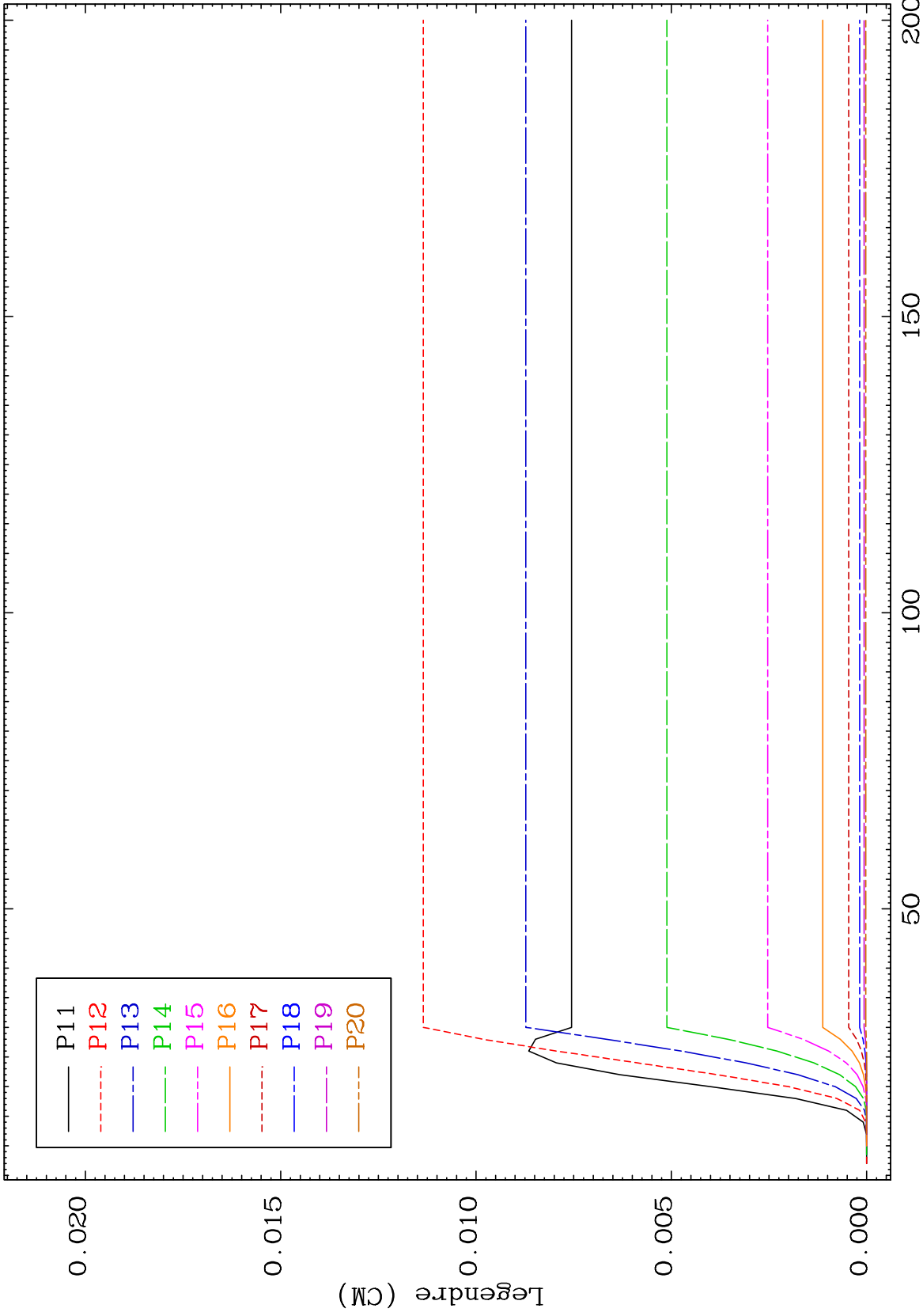
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



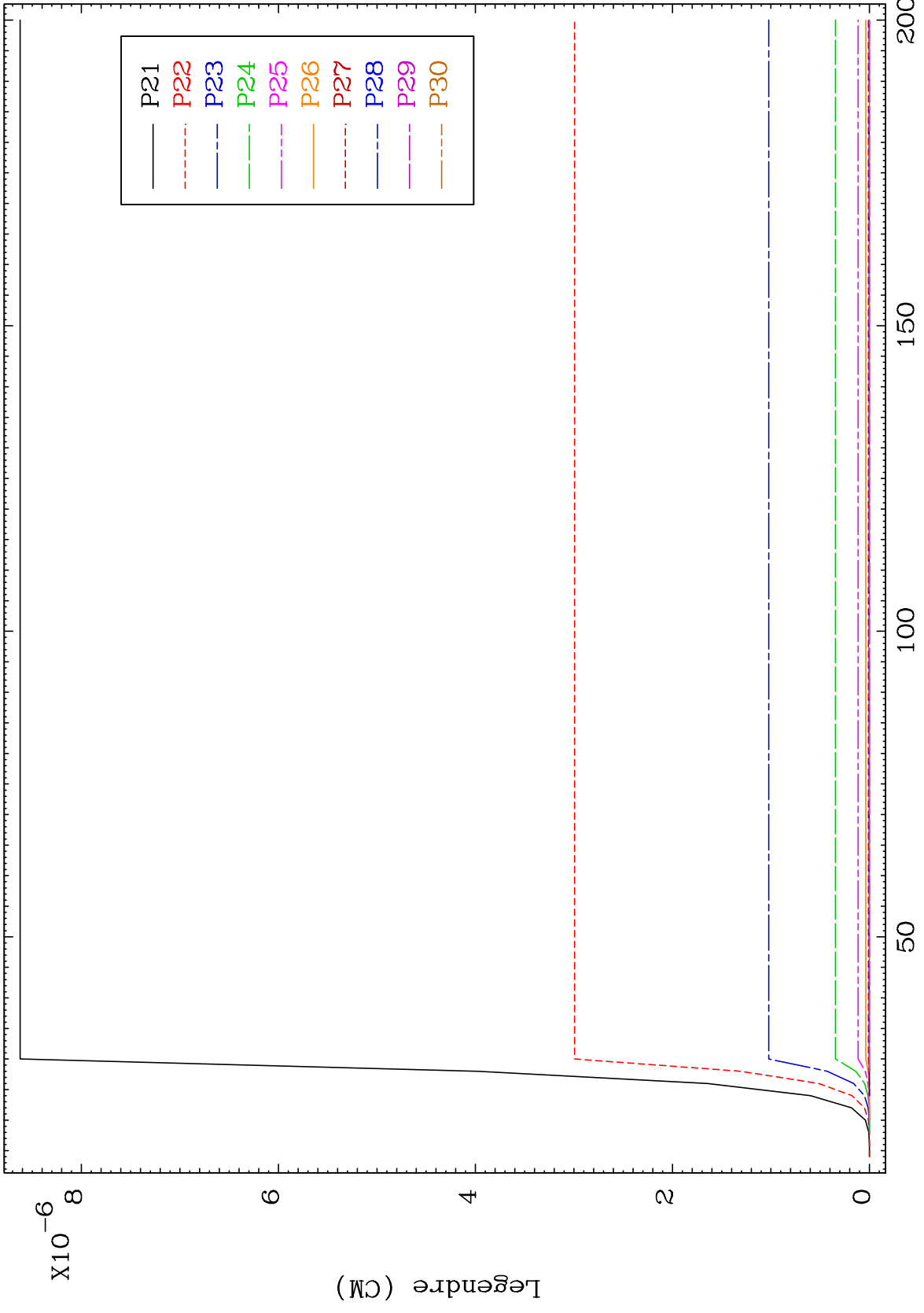
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18-Ar-36

MAT 1825

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

18-Ar-36

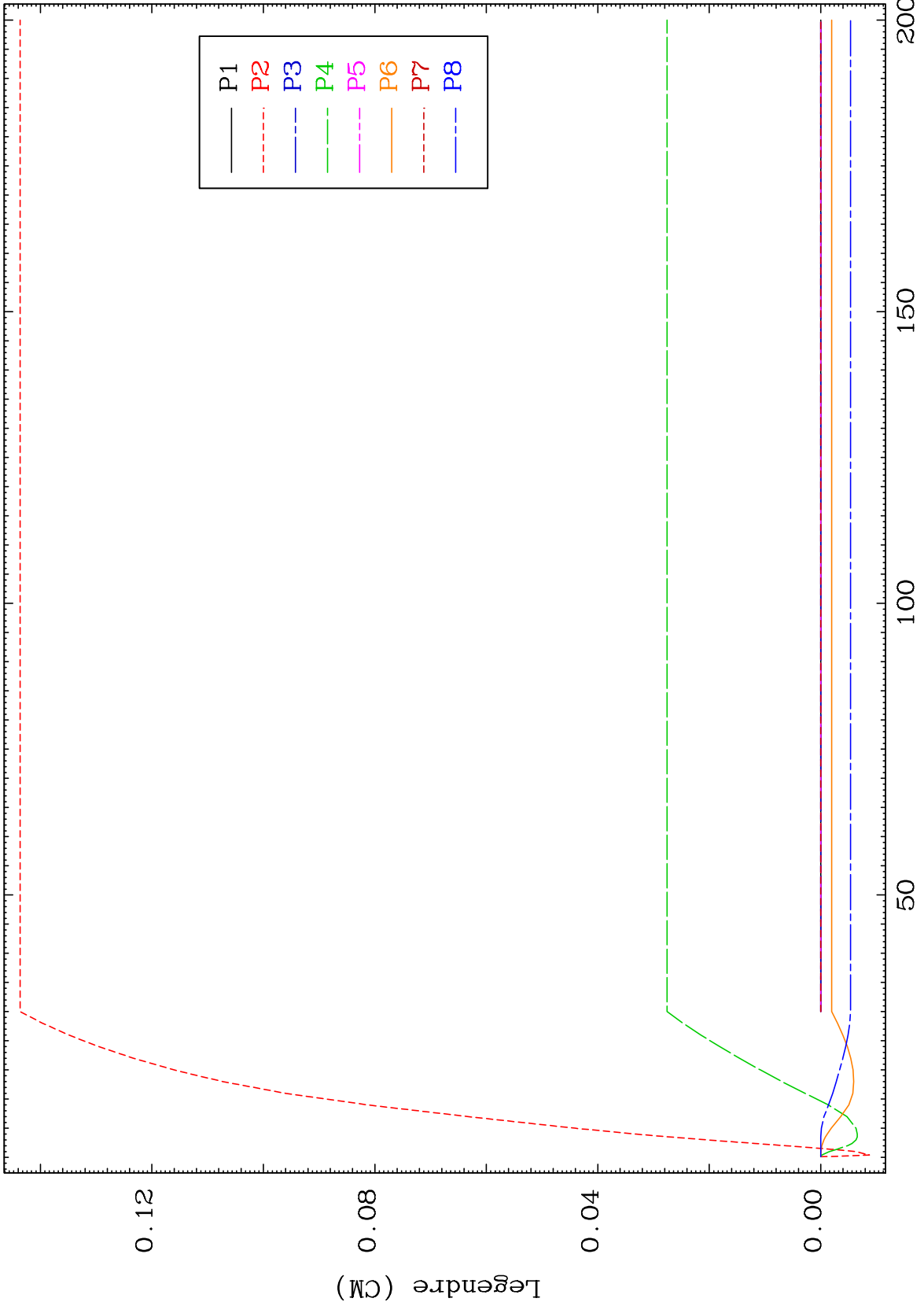


34

Incident Energy (MeV)

18-Ar-36

MAT 1825 MT= 57 (n,n') Level Legendre Coefficients 18-Ar-36

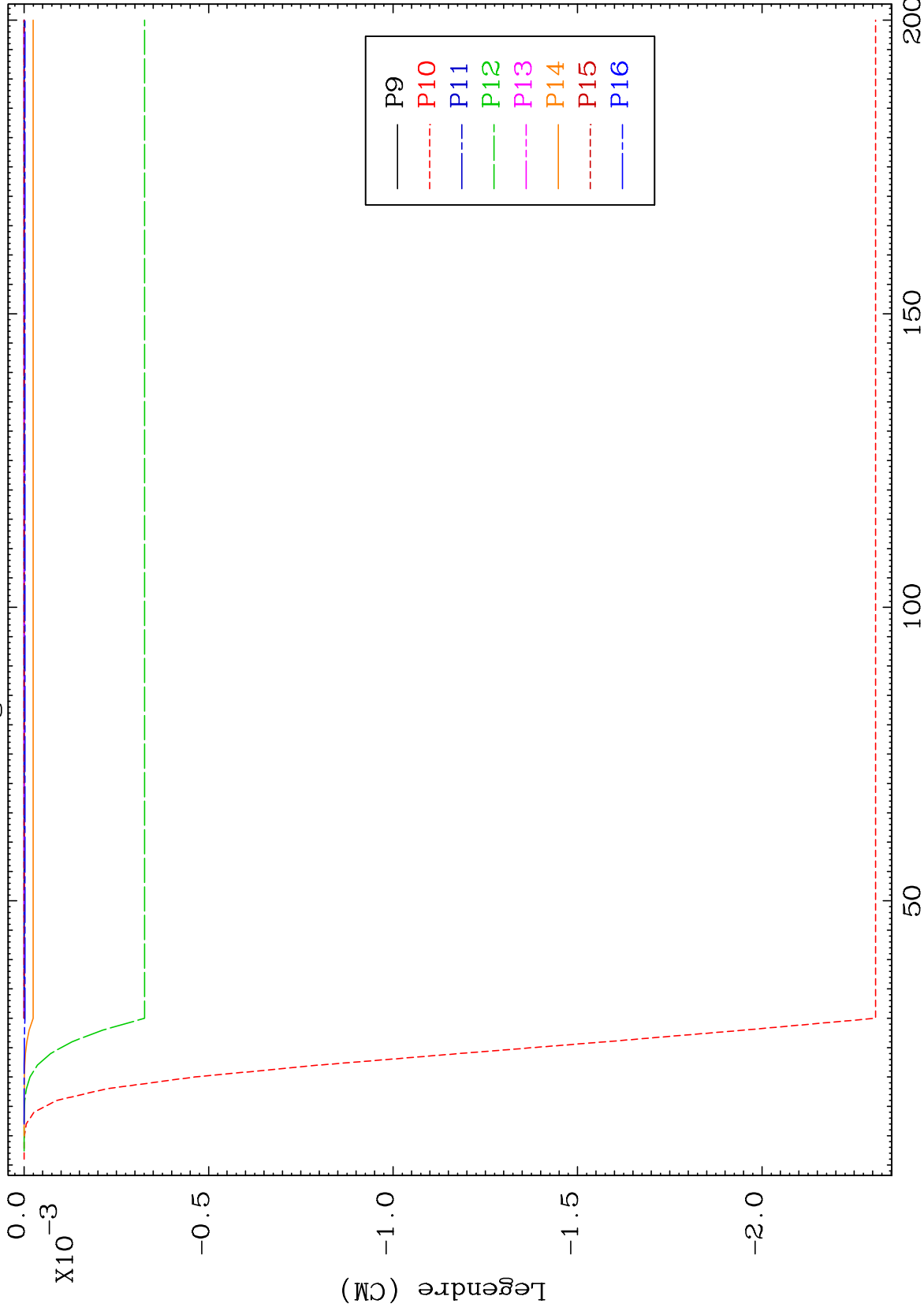


35 Incident Energy (MeV) 18-Ar-36

MAT 1825

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

18-Ar-36



36

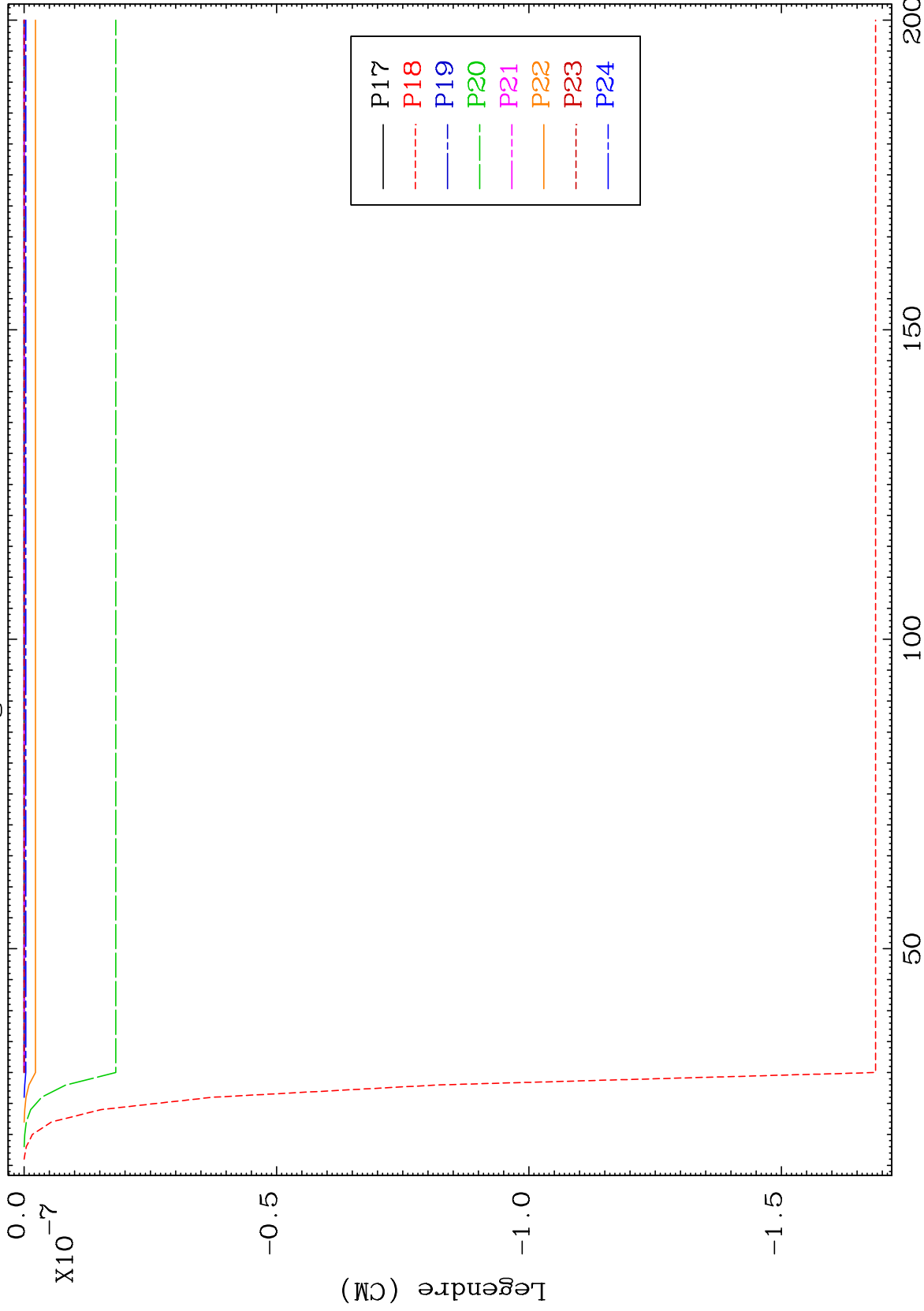
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

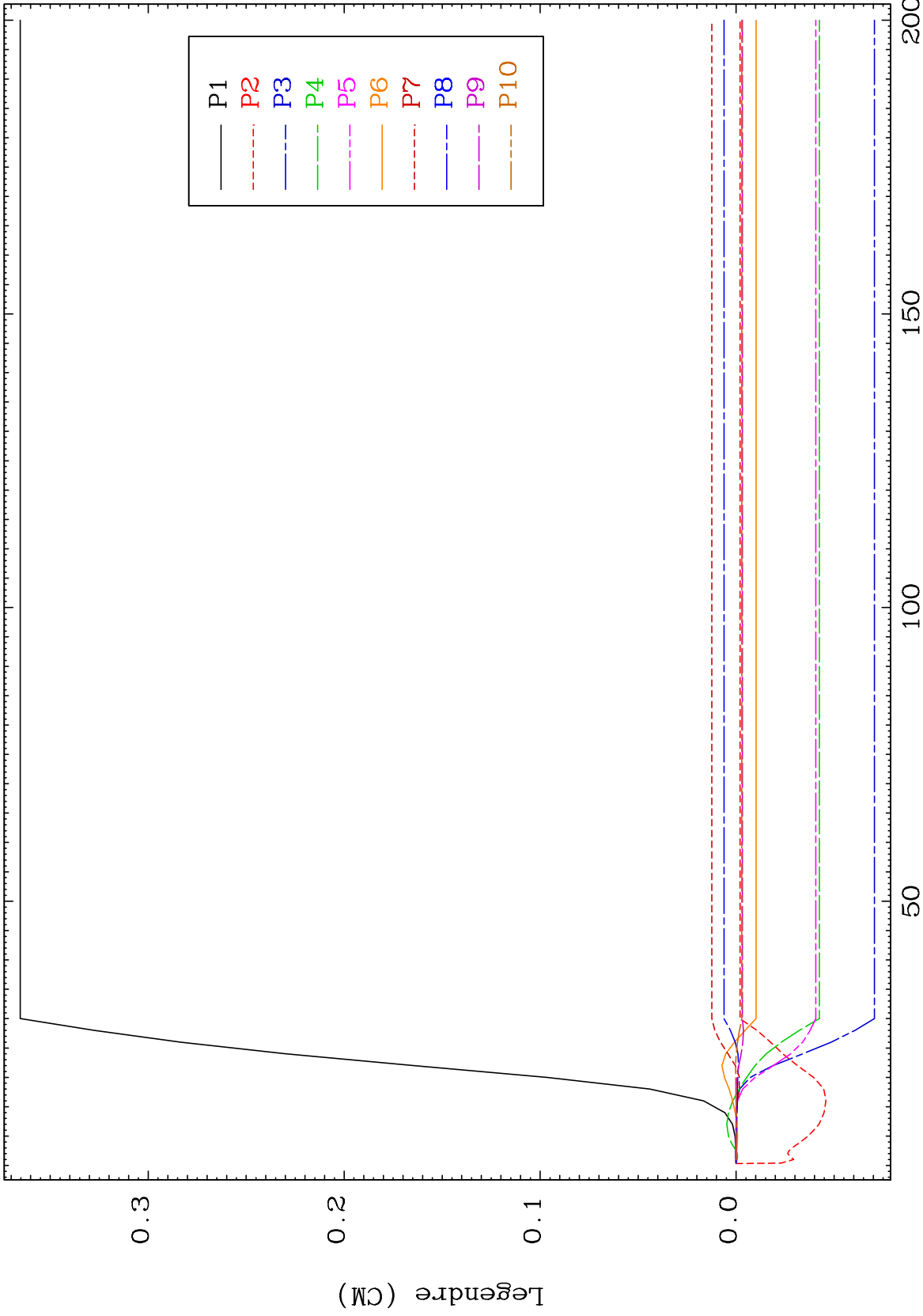
18-Ar-36



18-Ar-36

Incident Energy (MeV)

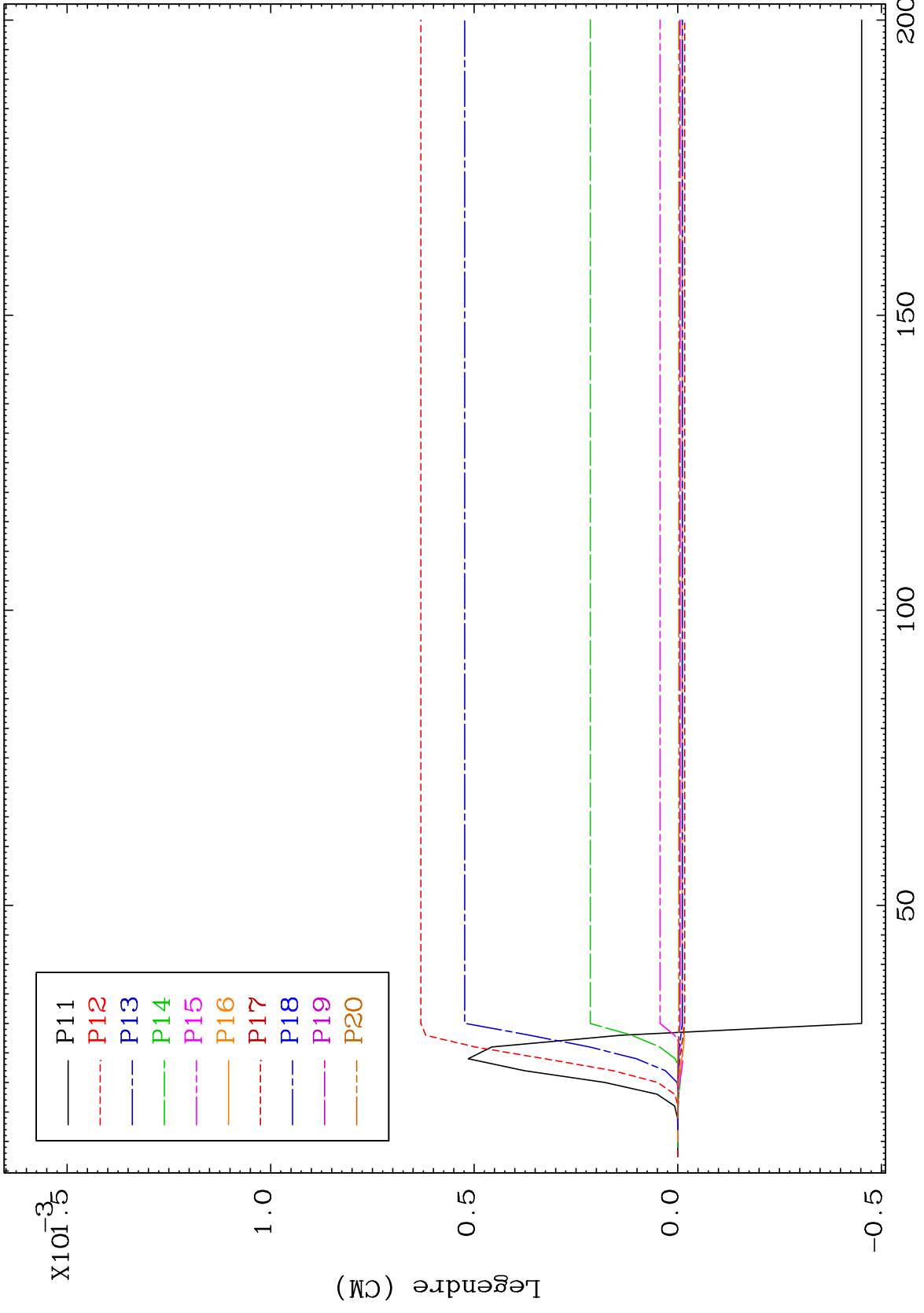
37



MAT 1825

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

18-Ar-36



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Incident Energy (MeV)

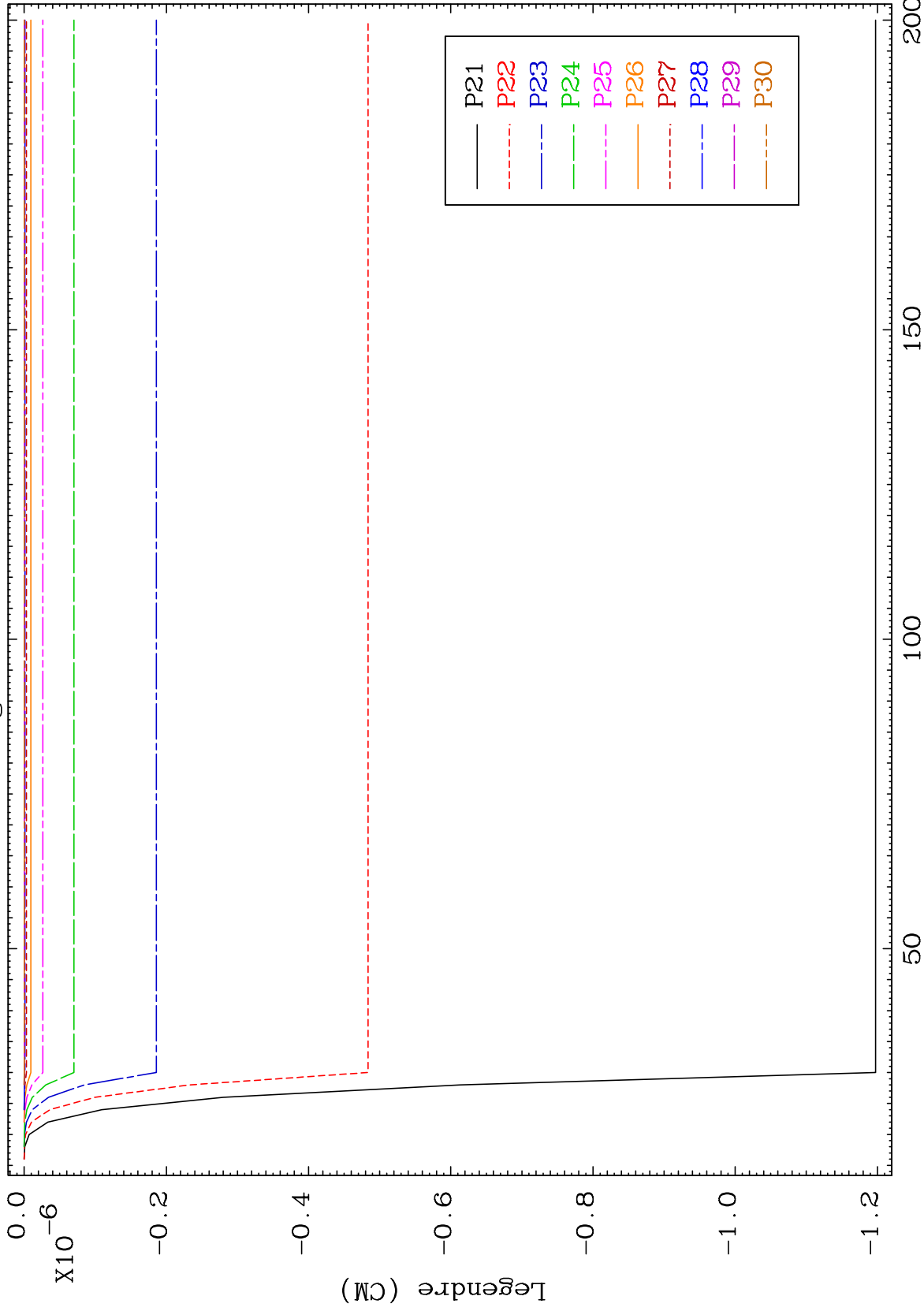
18-Ar-36



MAT 1825

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

18-Ar-36

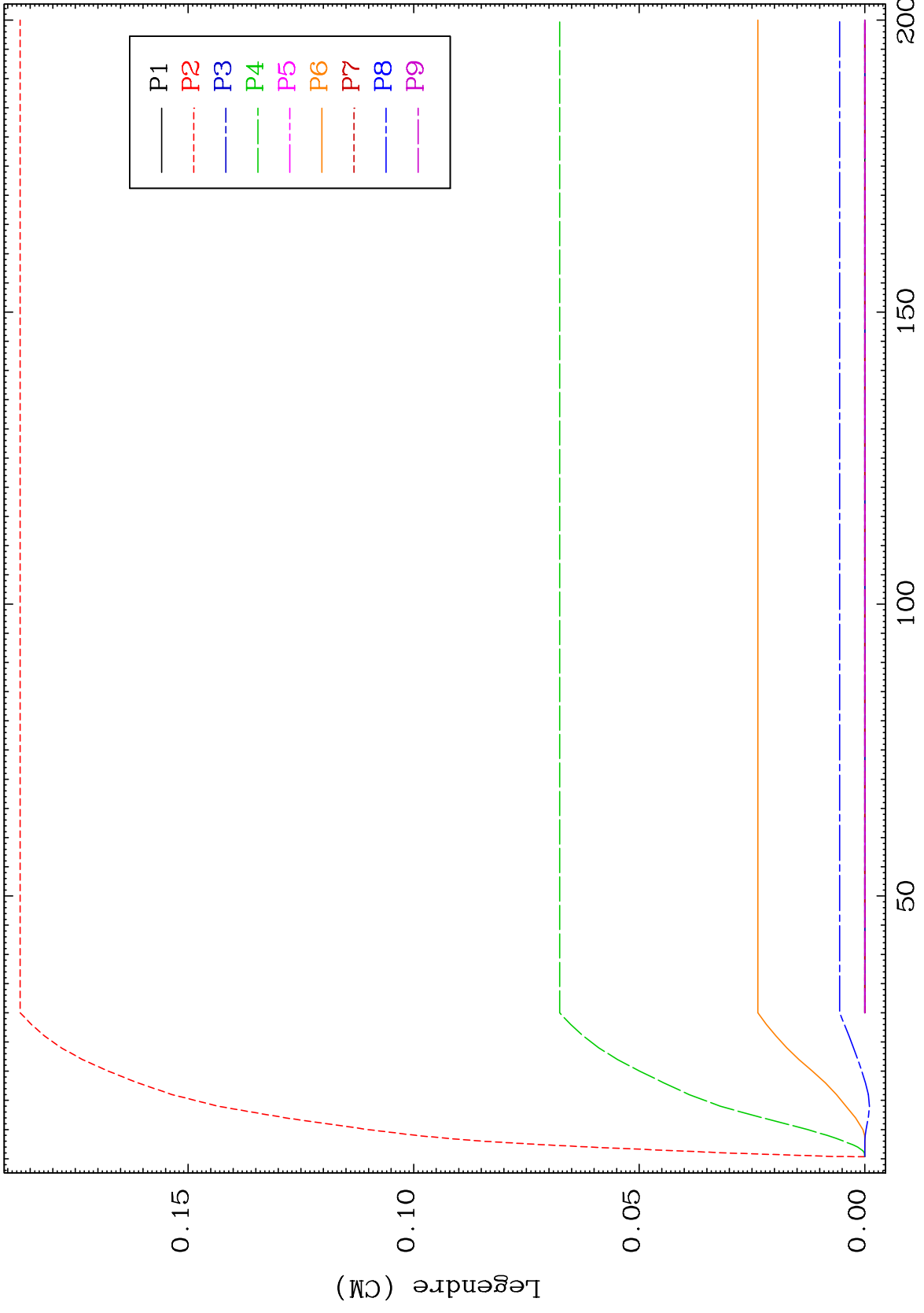


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Incident Energy (MeV)

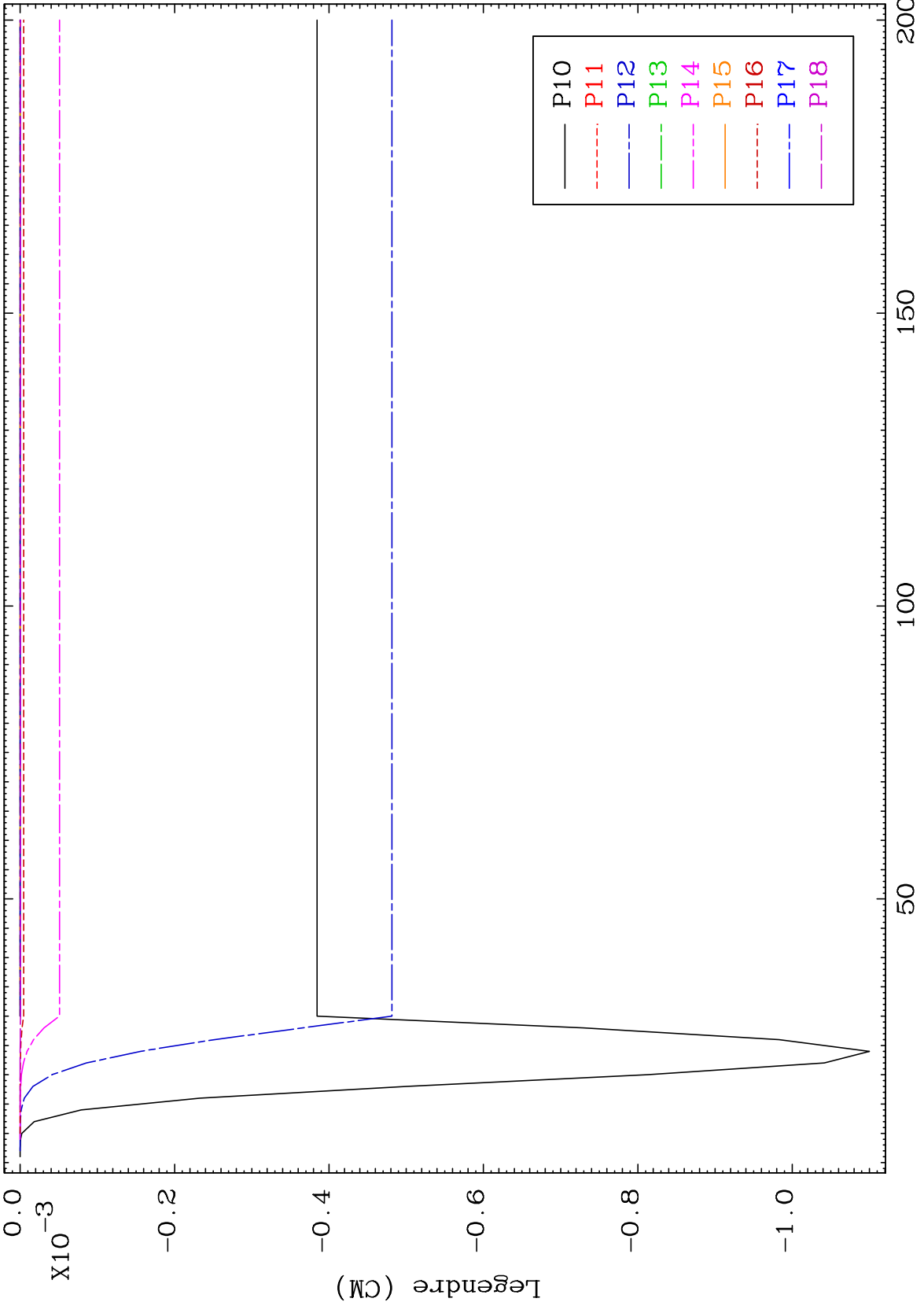
18-Ar-36

MAT 1825 MT= 59 (n,n') Level Legendre Coefficients 18-Ar-36



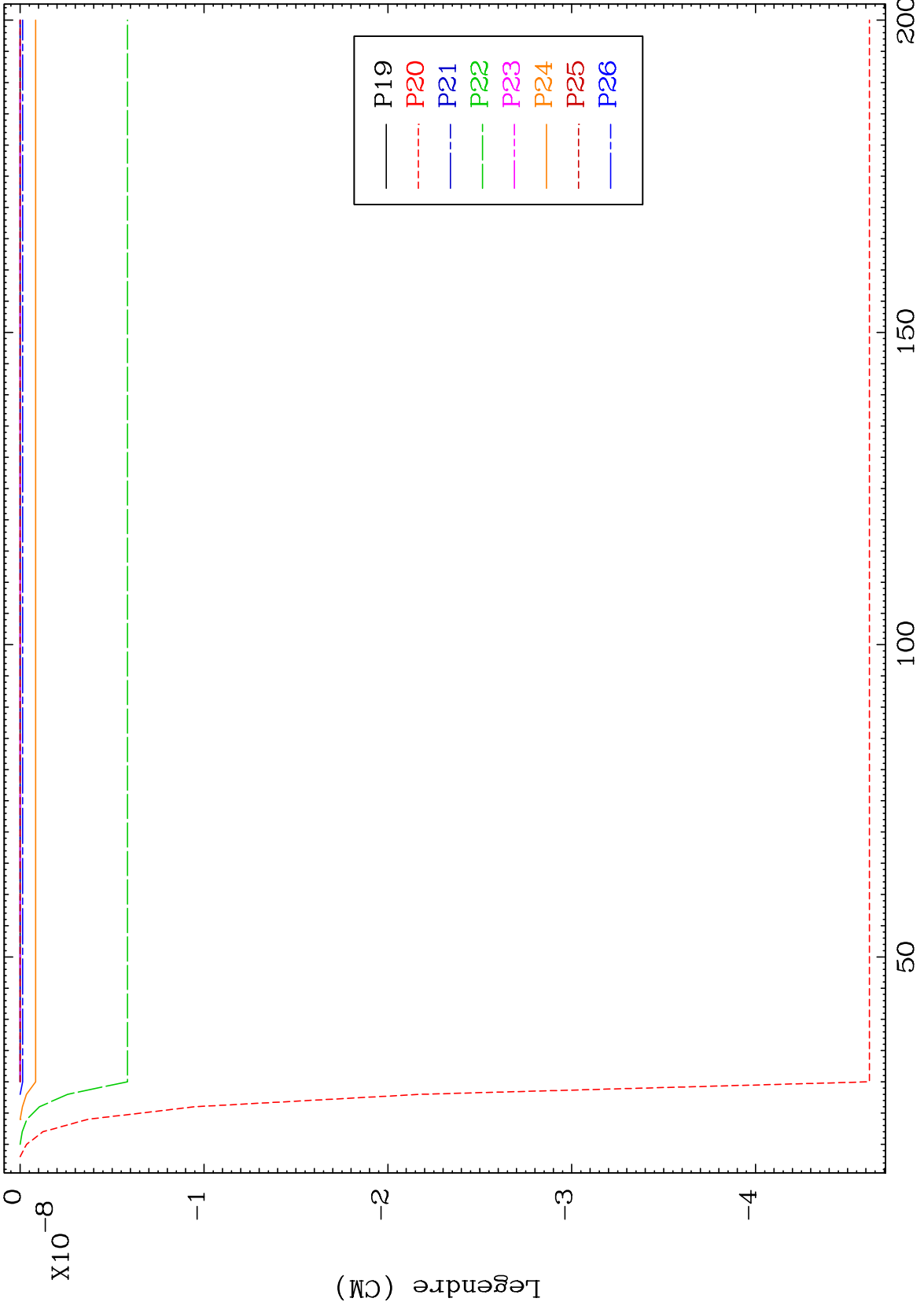
41 Incident Energy (MeV) 18-Ar-36

MAT 1825 MT= 59 (n,n') Level Legendre Coefficients 18-Ar-36



42 Incident Energy (MeV) 18-Ar-36

MAT 1825 MT= 59 (n,n') Level Legendre Coefficients 18-Ar-36

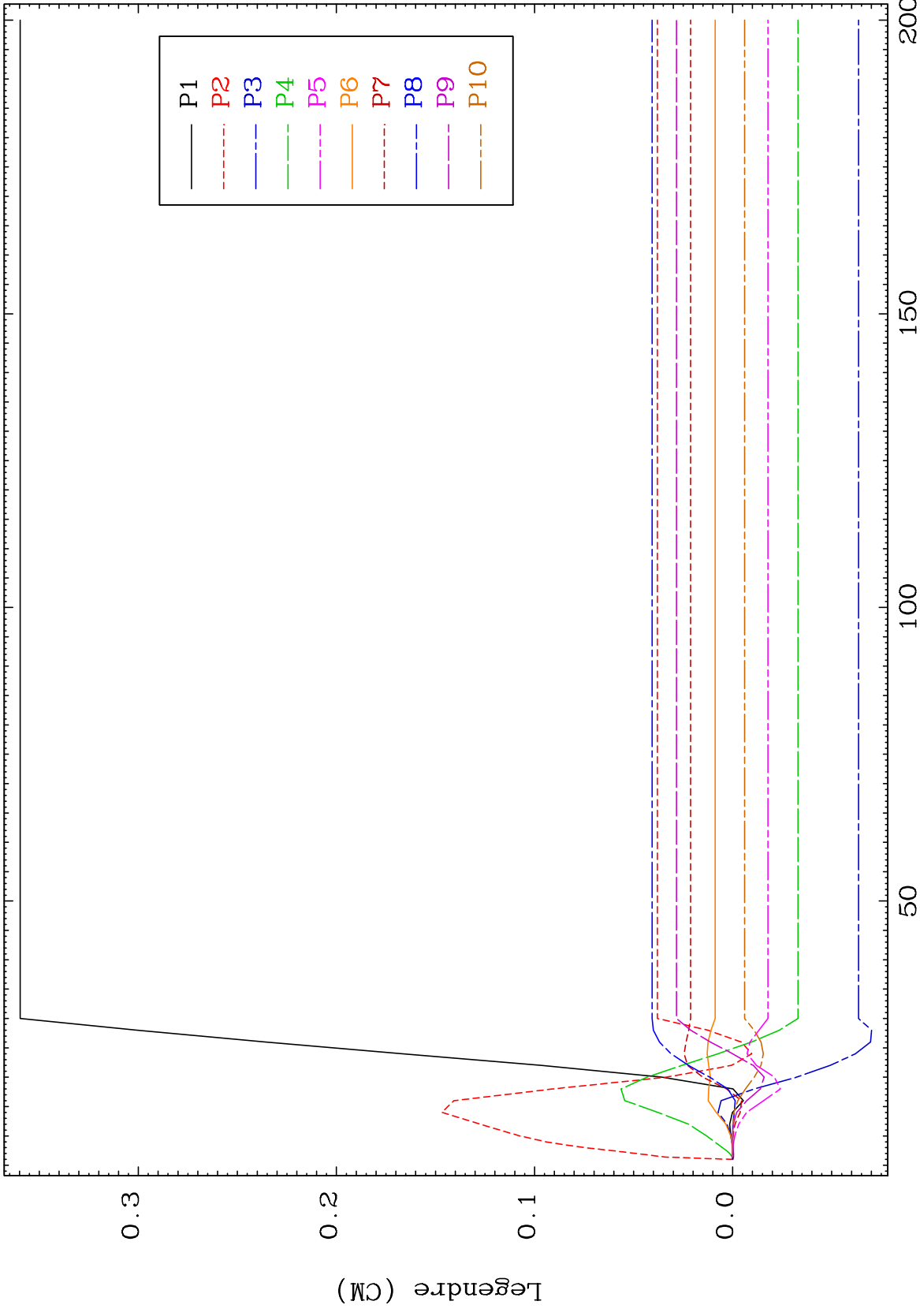


43 Incident Energy (MeV) 18-Ar-36

MAT 1825

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

18-Ar-36



44

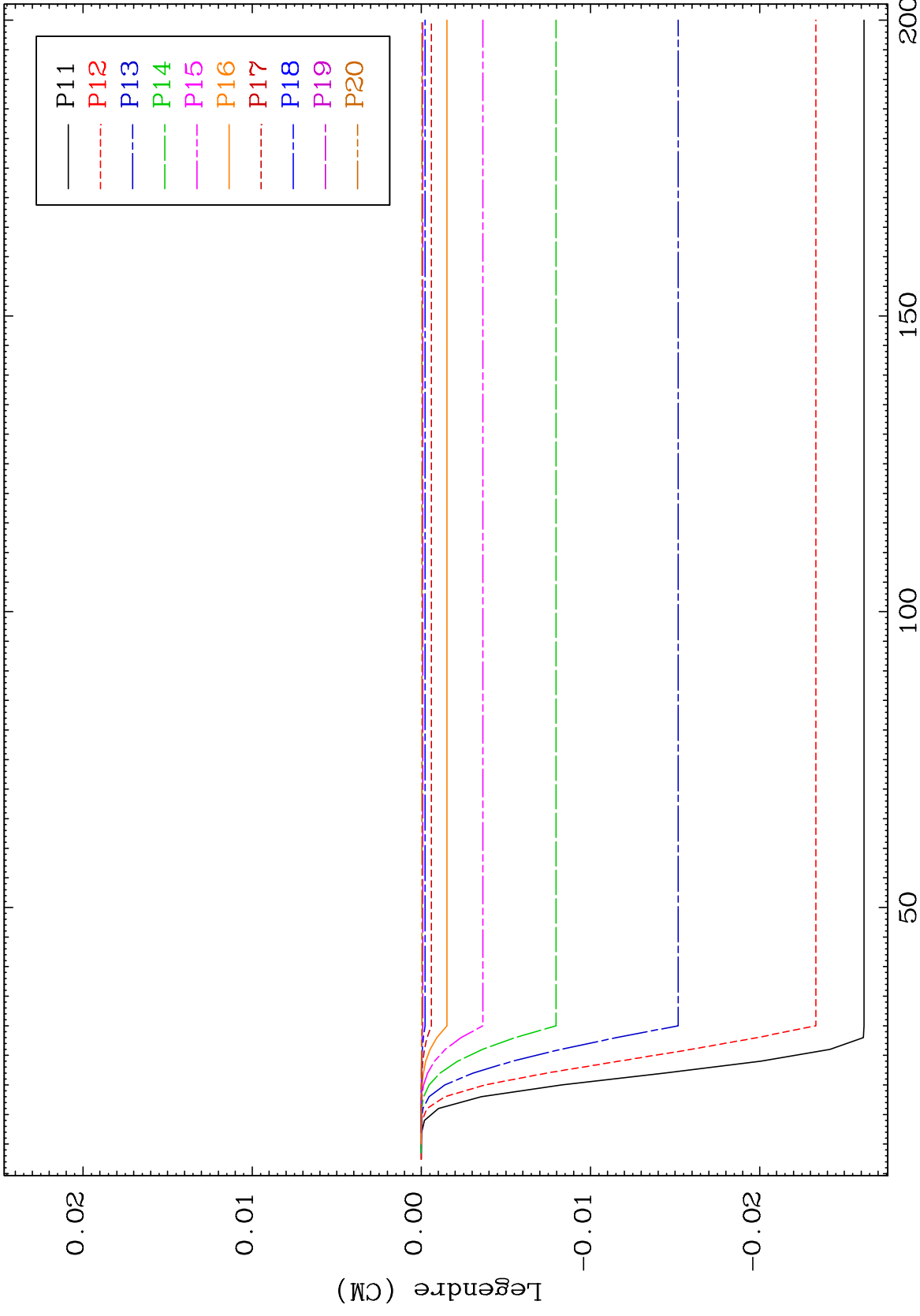
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



45

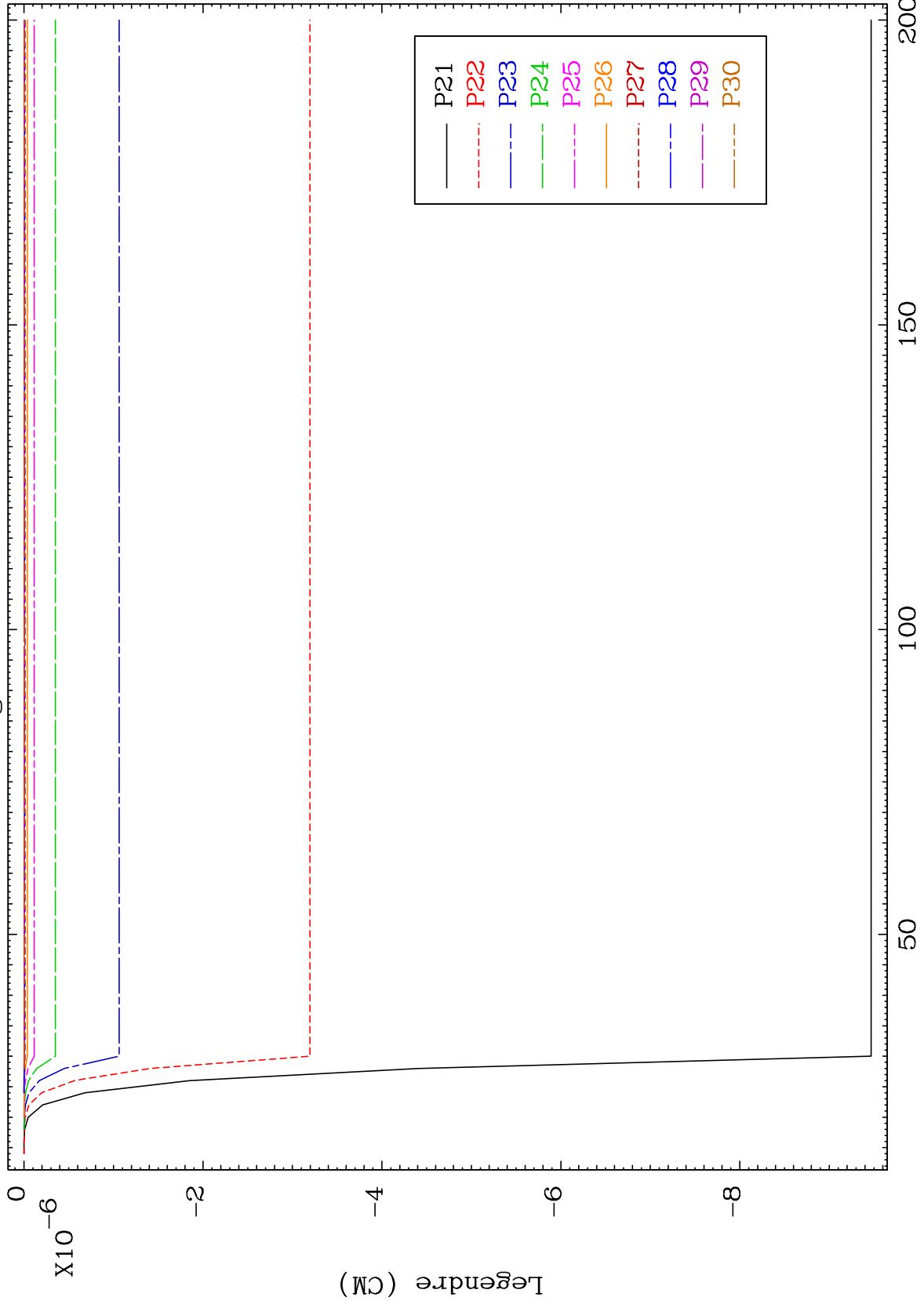
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



46

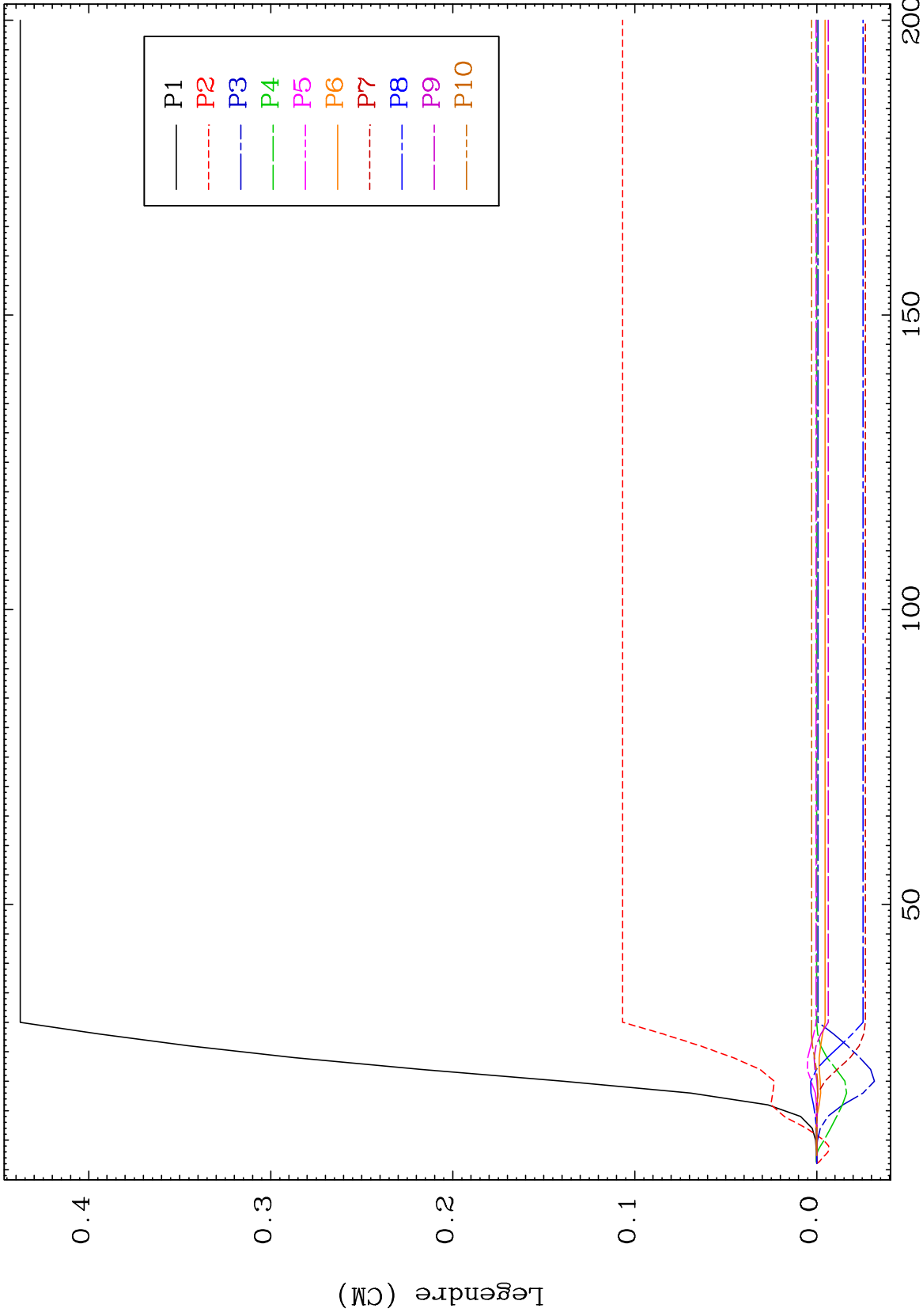
18-Ar-36

200

MAT 1825

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

18-Ar-36



47

Incident Energy (MeV)

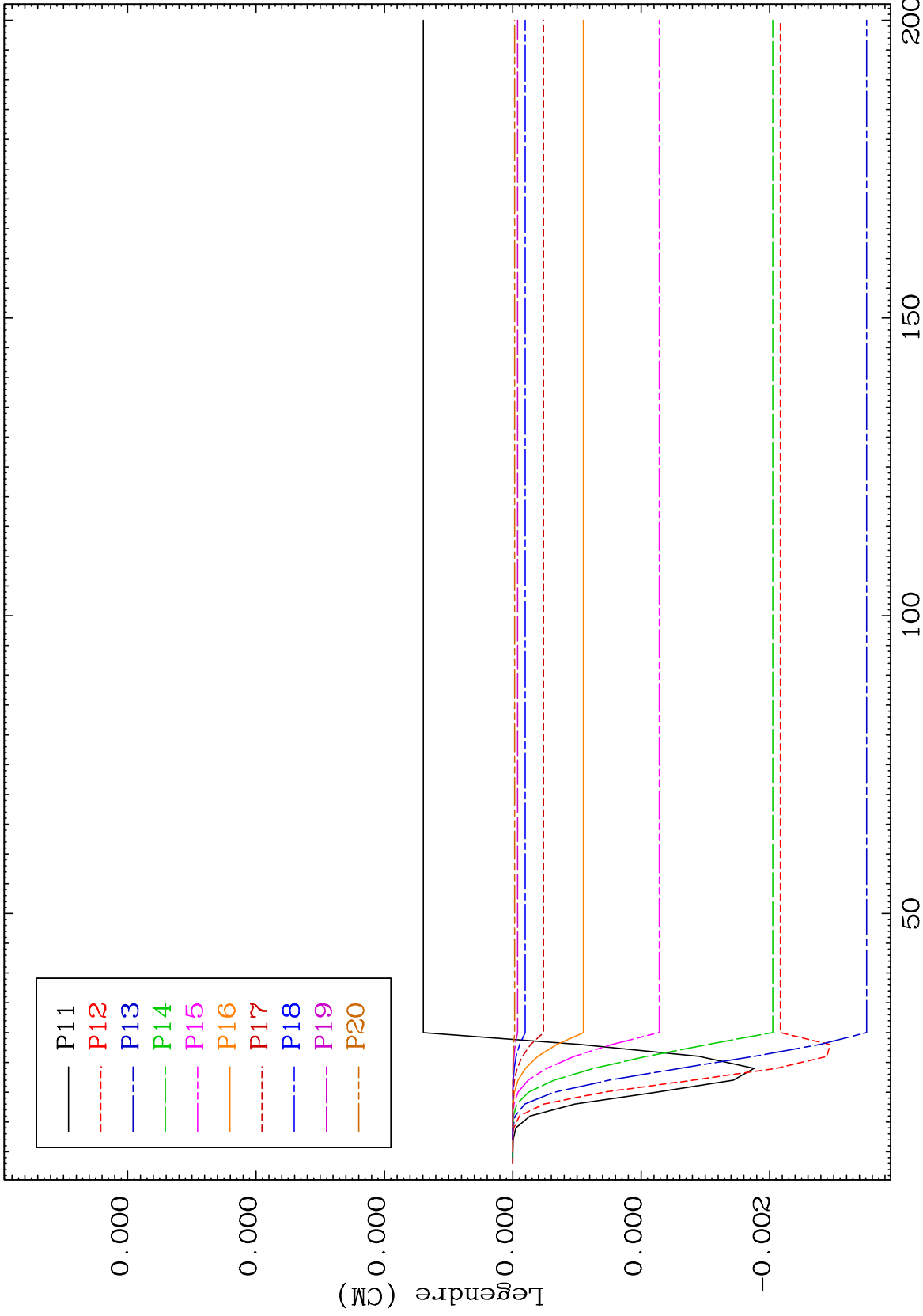
18-Ar-36



MAT 1825

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

18-Ar-36



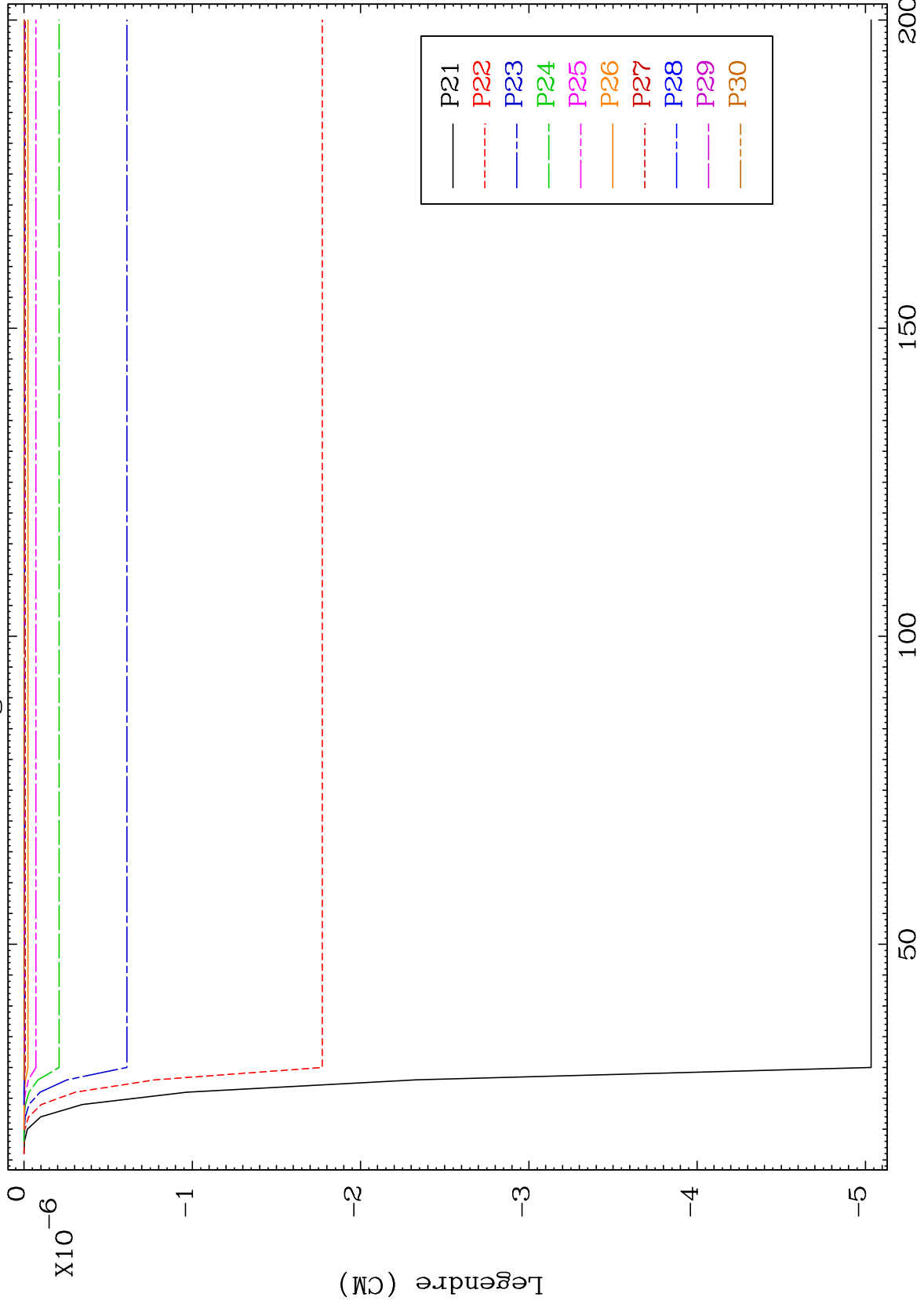
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18-Ar-36

MAT 1825

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

18-Ar-36



49

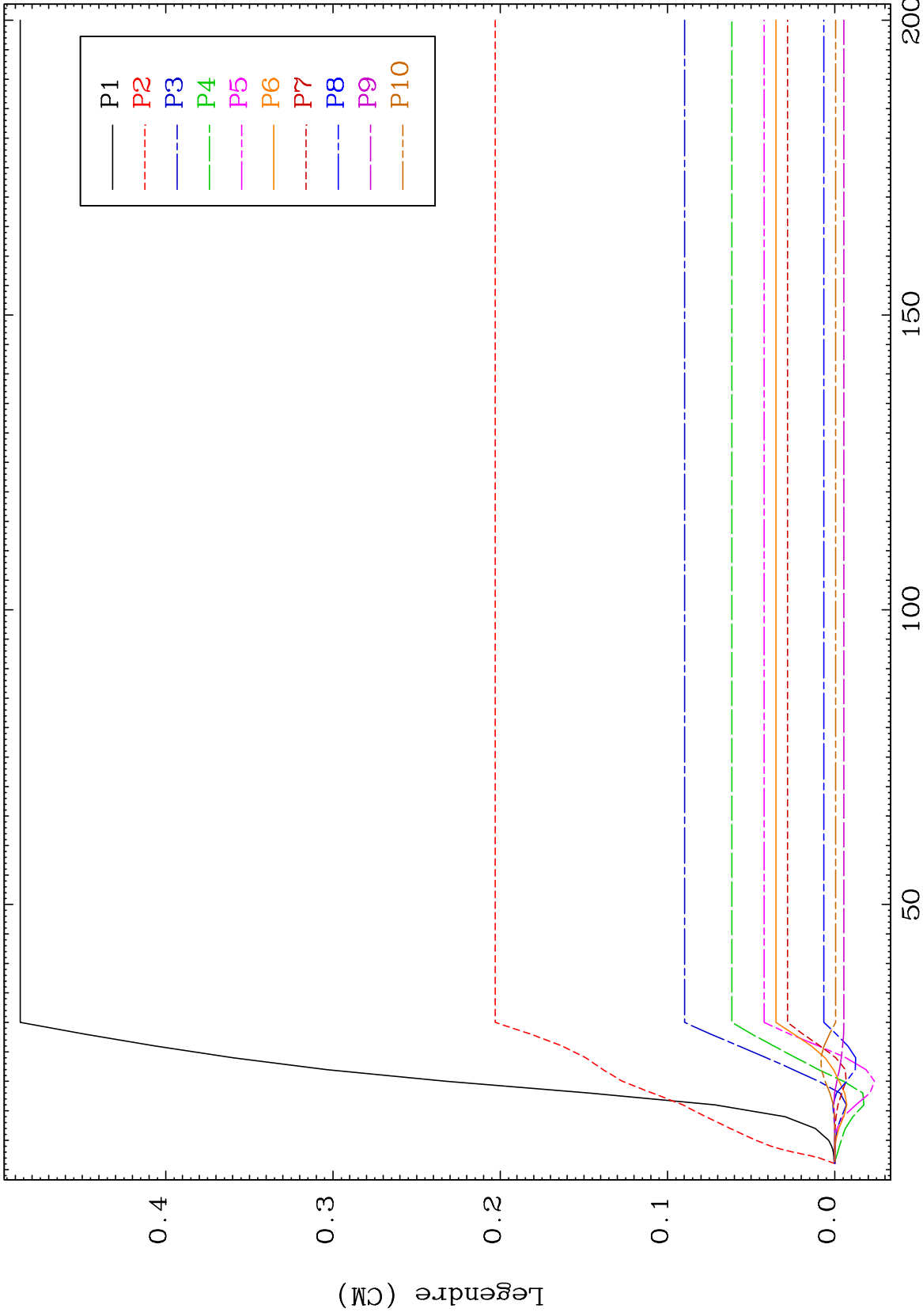
18-Ar-36

200

MAT 1825

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

18-Ar-36



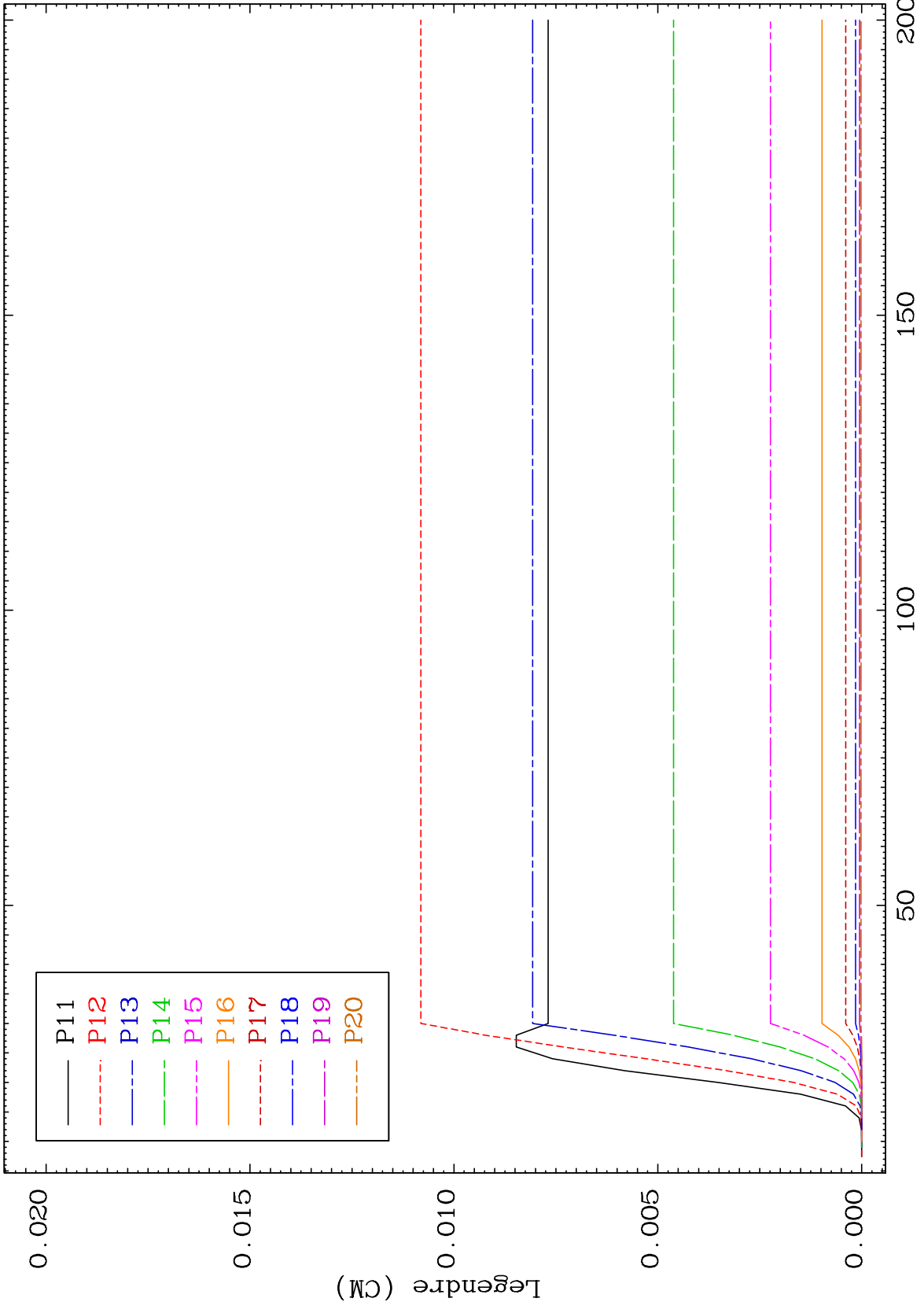
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Incident Energy (MeV)

150

18-Ar-36

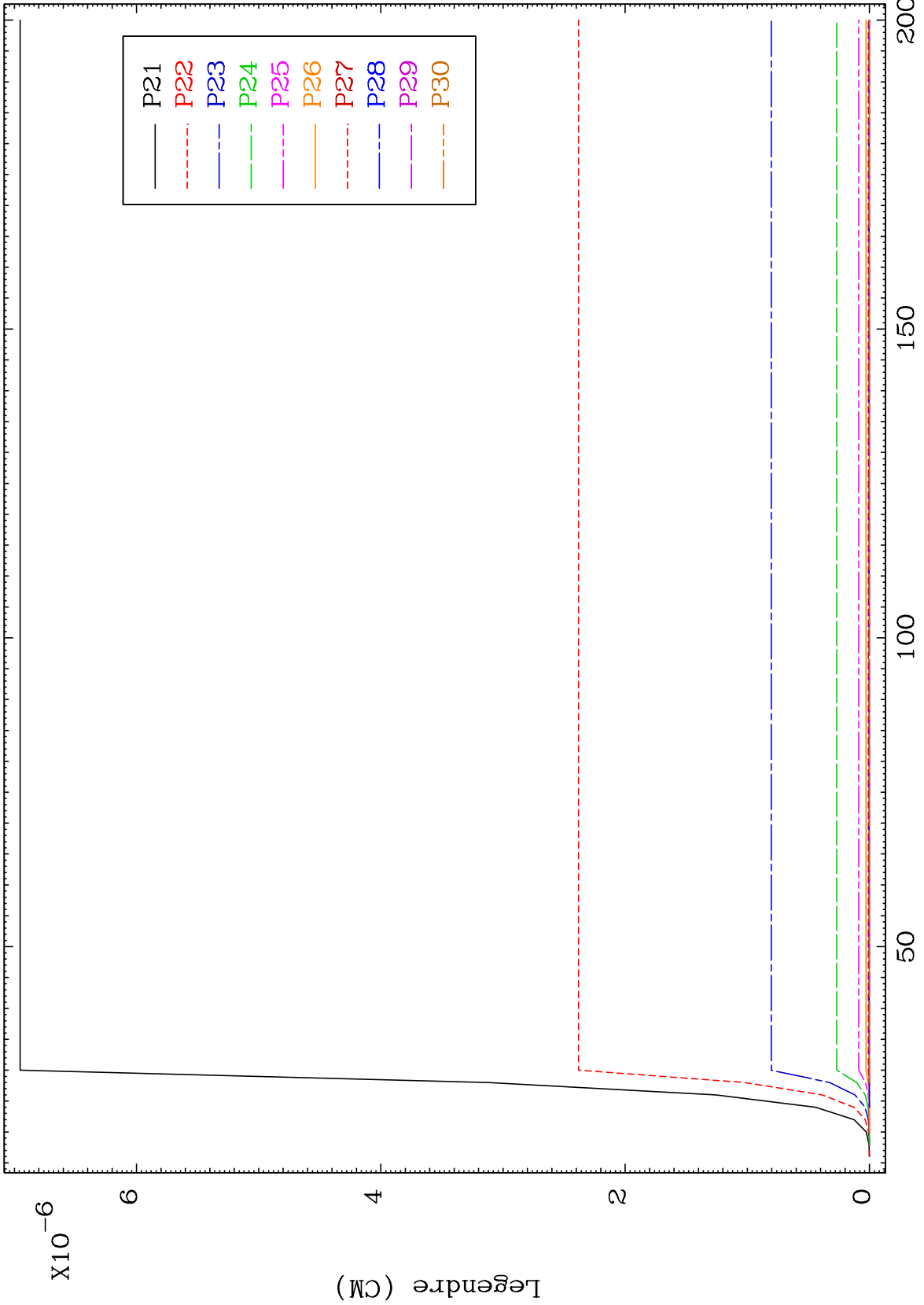
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MAT 1825

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

18-Ar-36



52

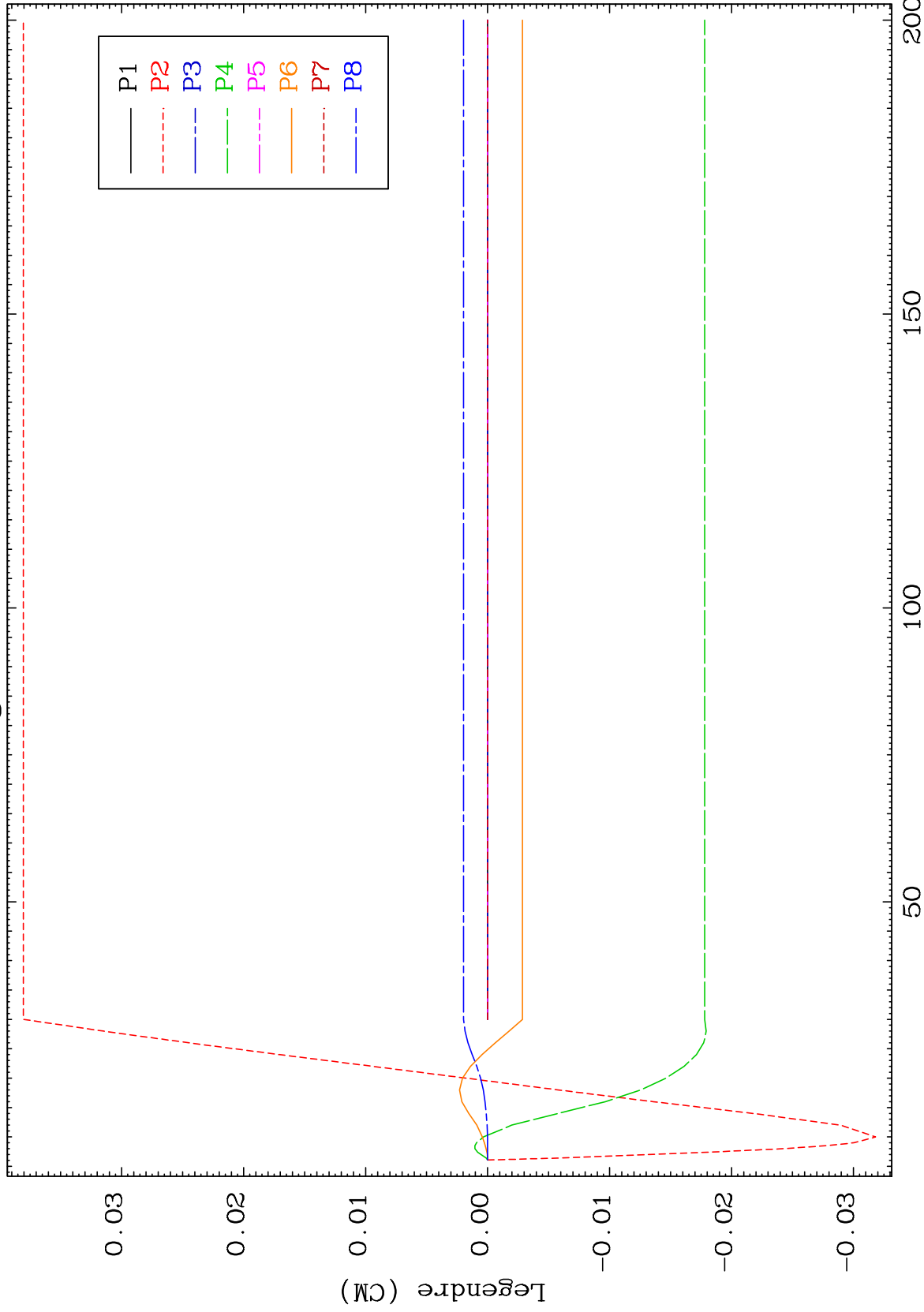
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



53

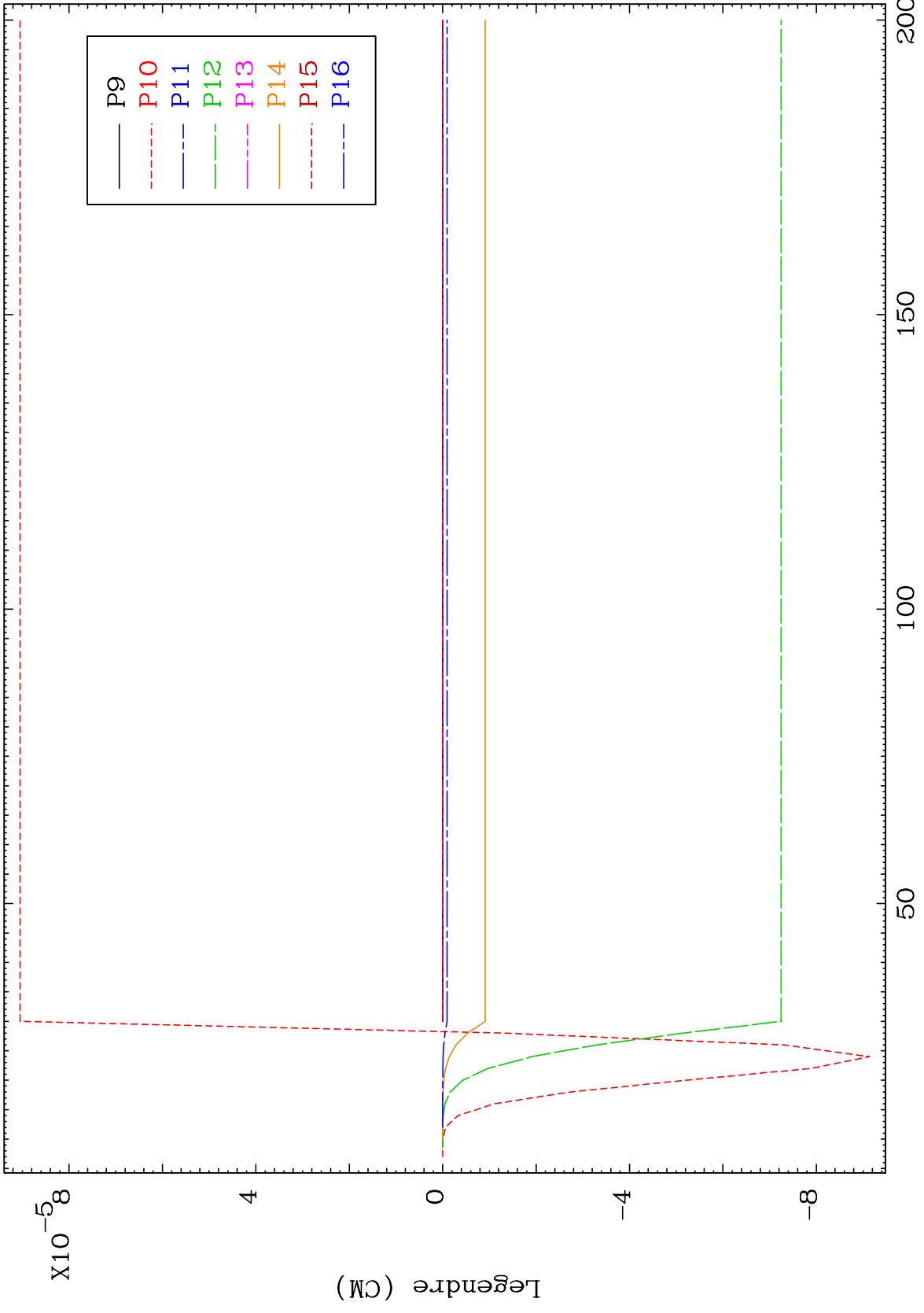
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



54

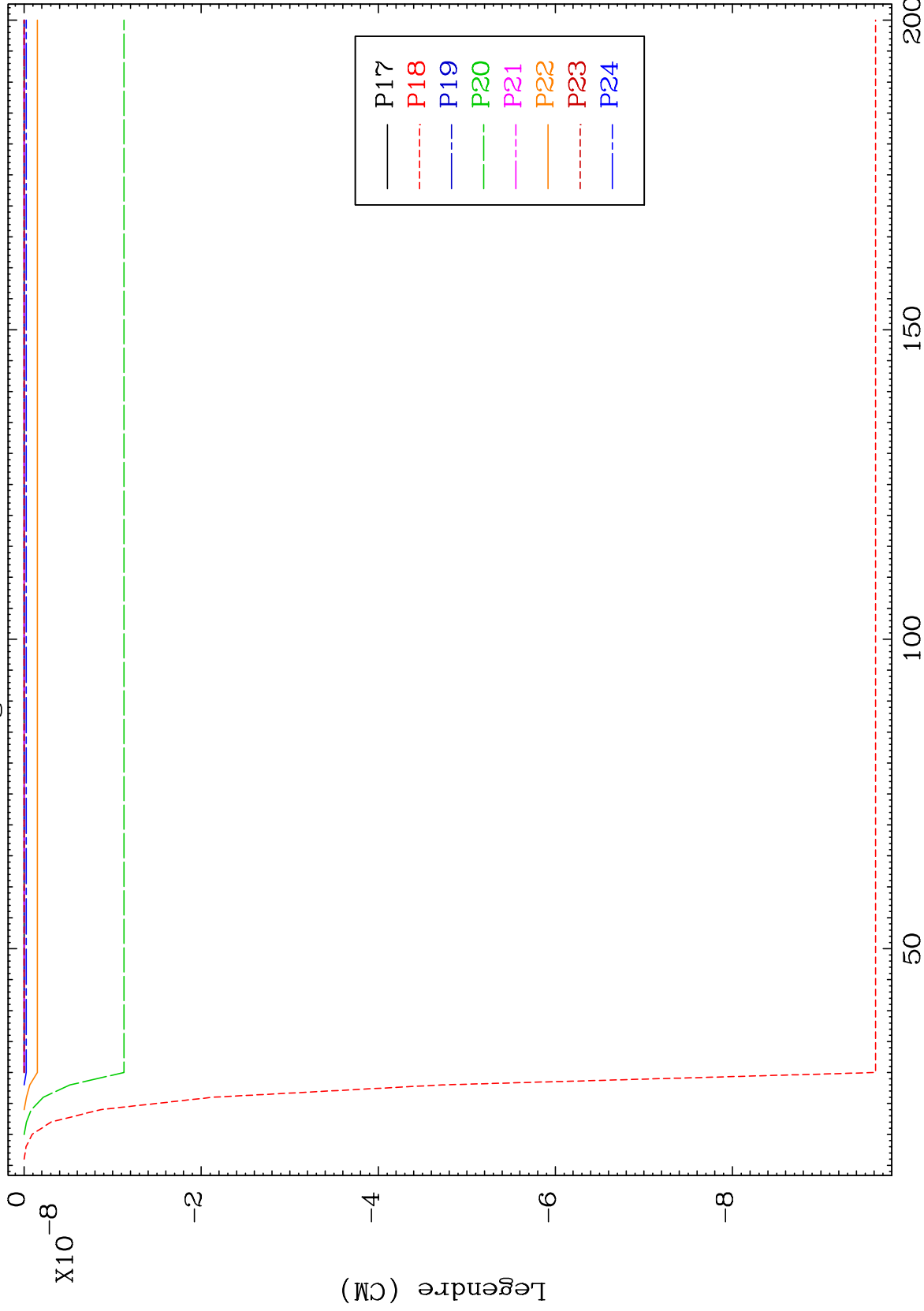
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



18-Ar-36

Incident Energy (MeV)

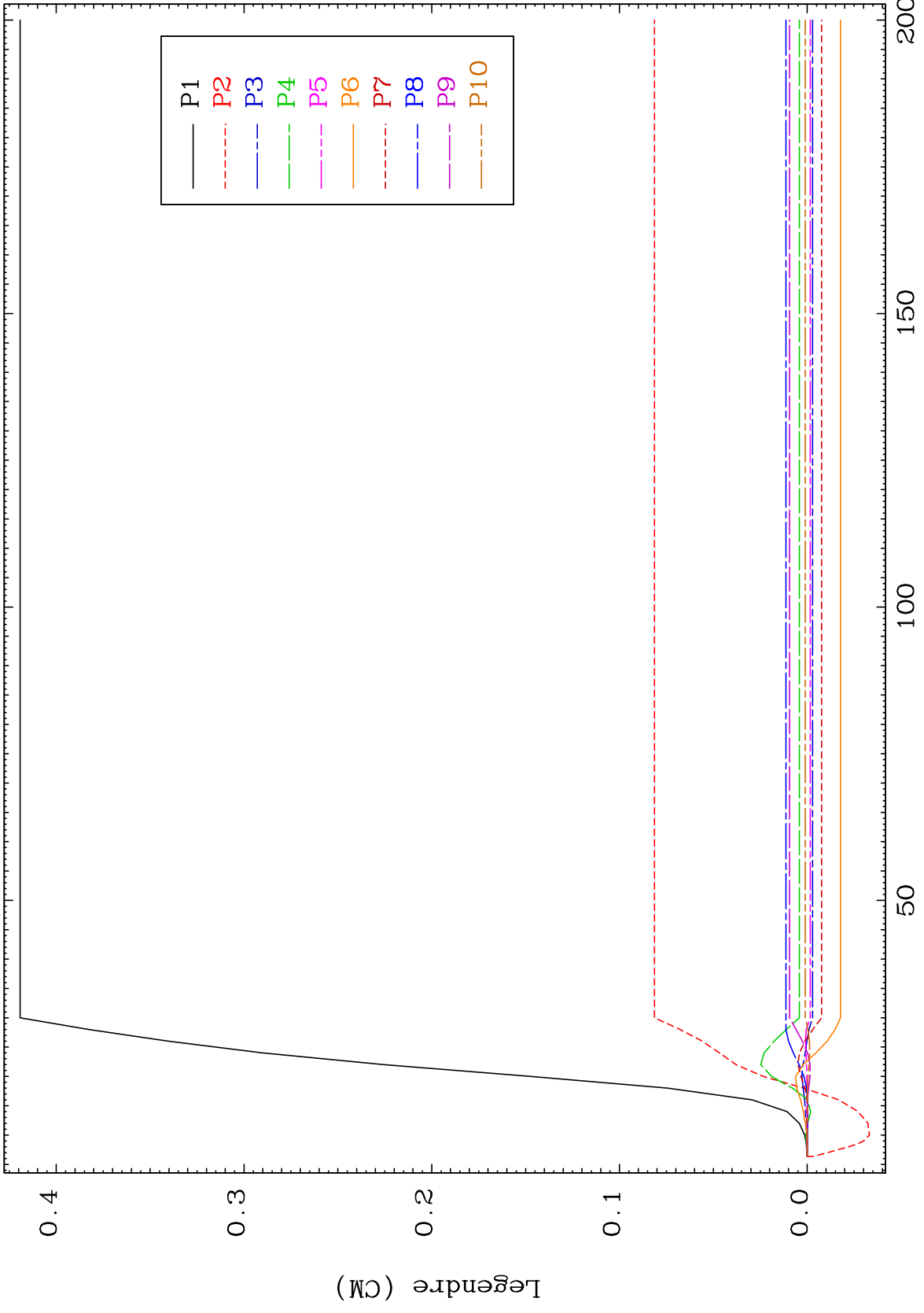
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MAT 1825

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

18-Ar-36



56

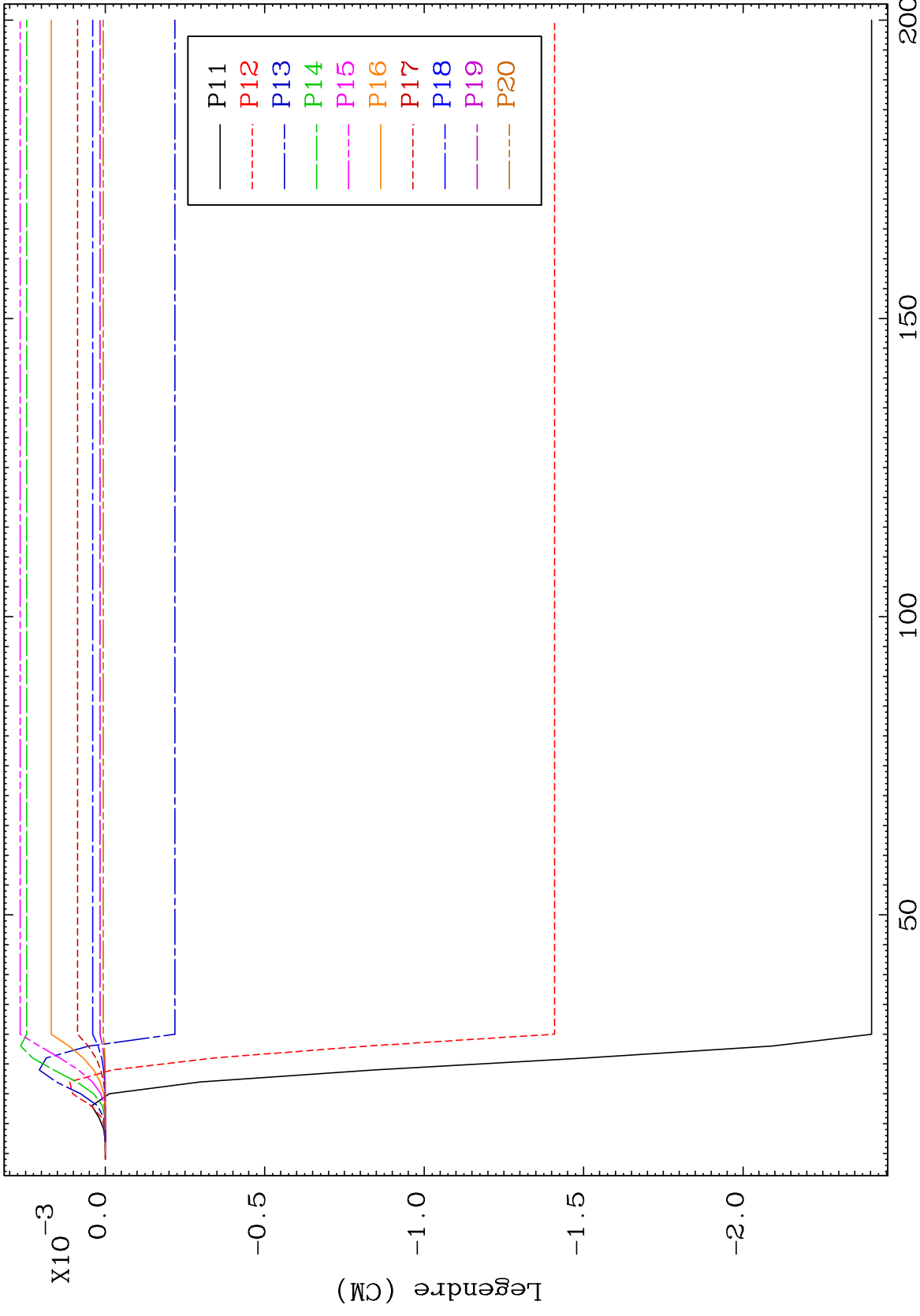
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



57

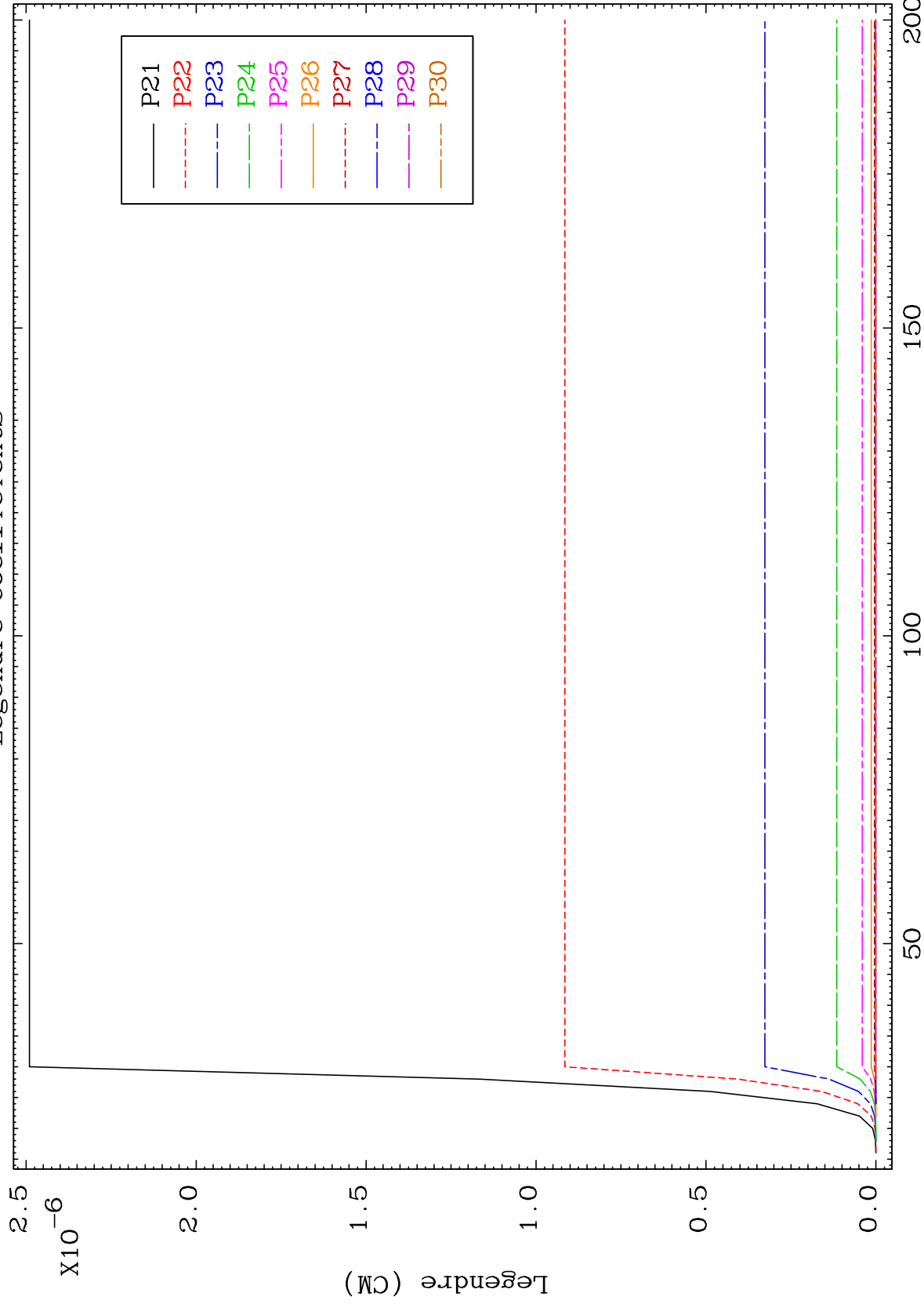
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36

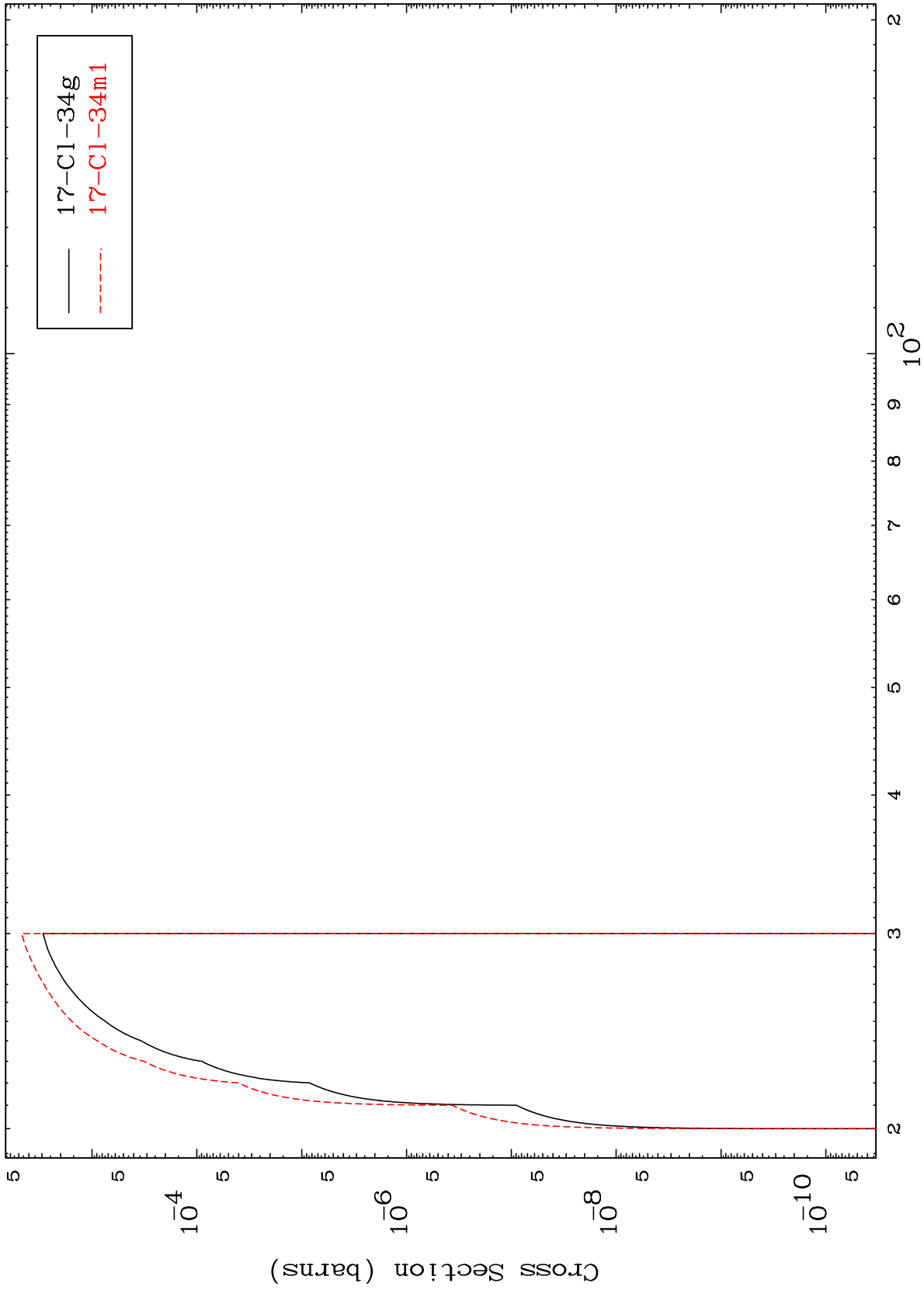


58

Incident Energy (MeV)

18-Ar-36

Radionuclide Production Cross Section

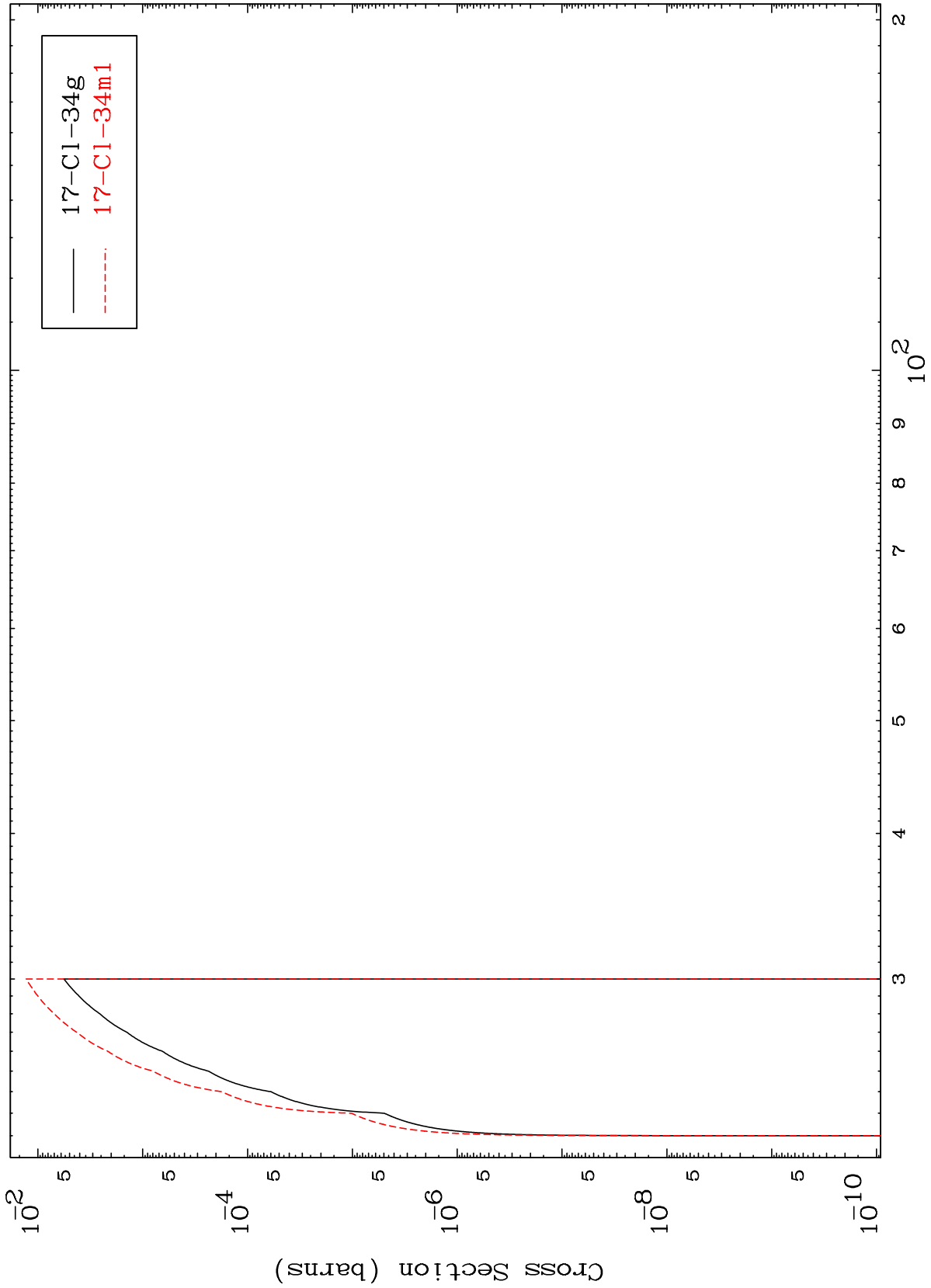


MAT 1825

(n,2n) p

18-Ar-36

Radionuclide Production Cross Section



60

Incident Energy (MeV)

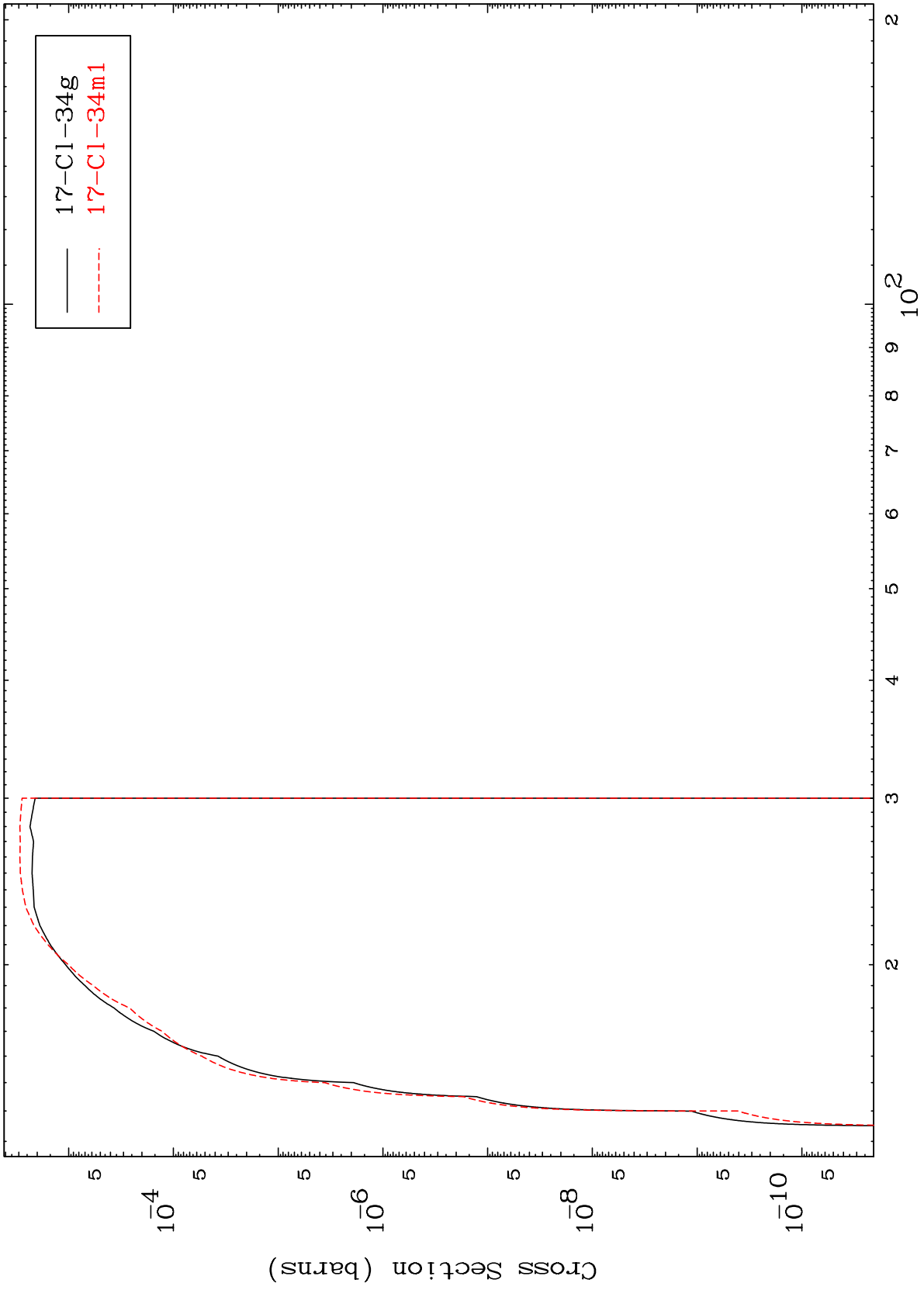
18-Ar-36

MAT 1825

(n, t)

18-Ar-36

Radionuclide Production Cross Section



61

Incident Energy (MeV)

18-Ar-36