

Program EVALPLOT  
(Version 2015-2)

by

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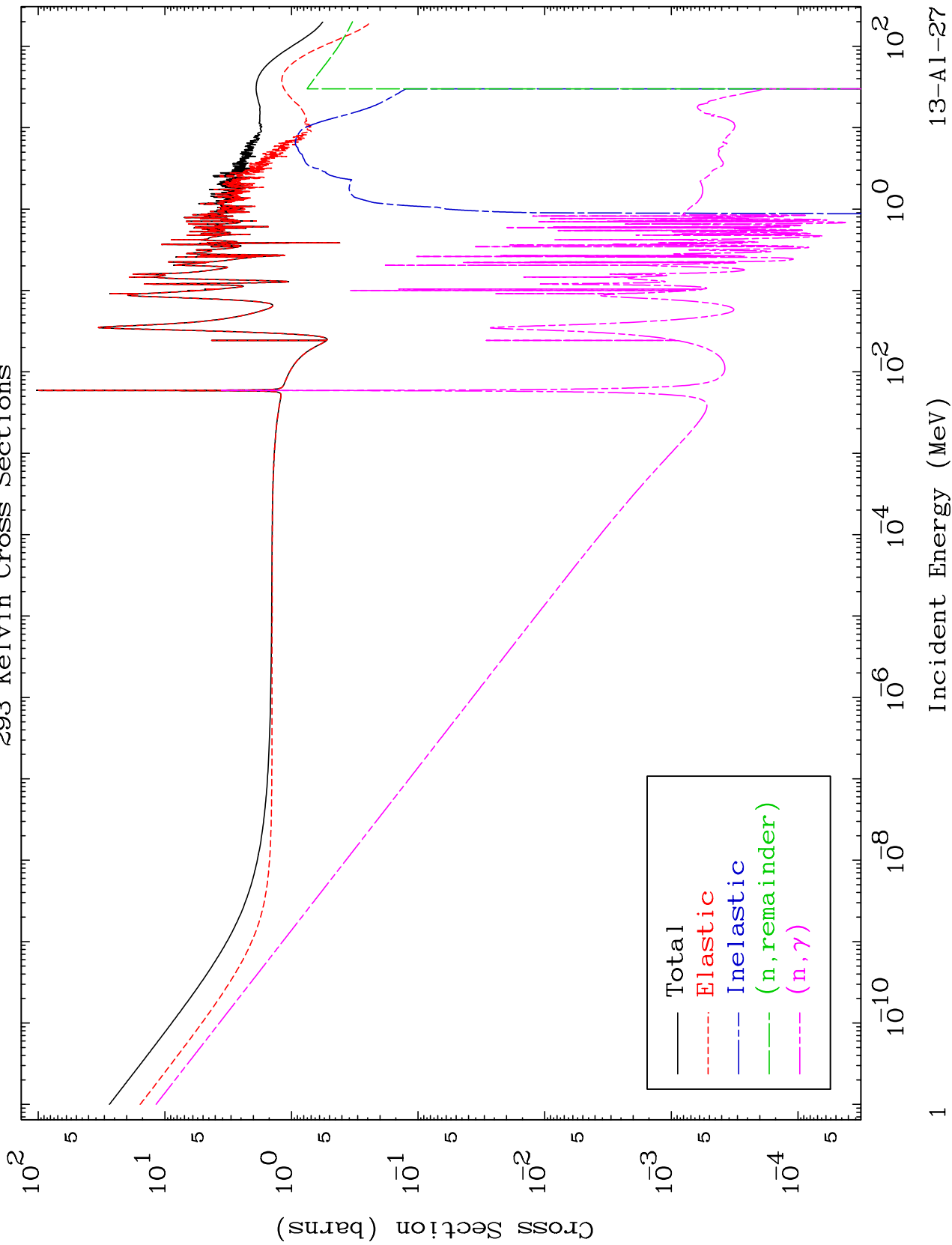
Press Mouse Button to Start

MAT 1325

Major

293 Kelvin Cross Sections

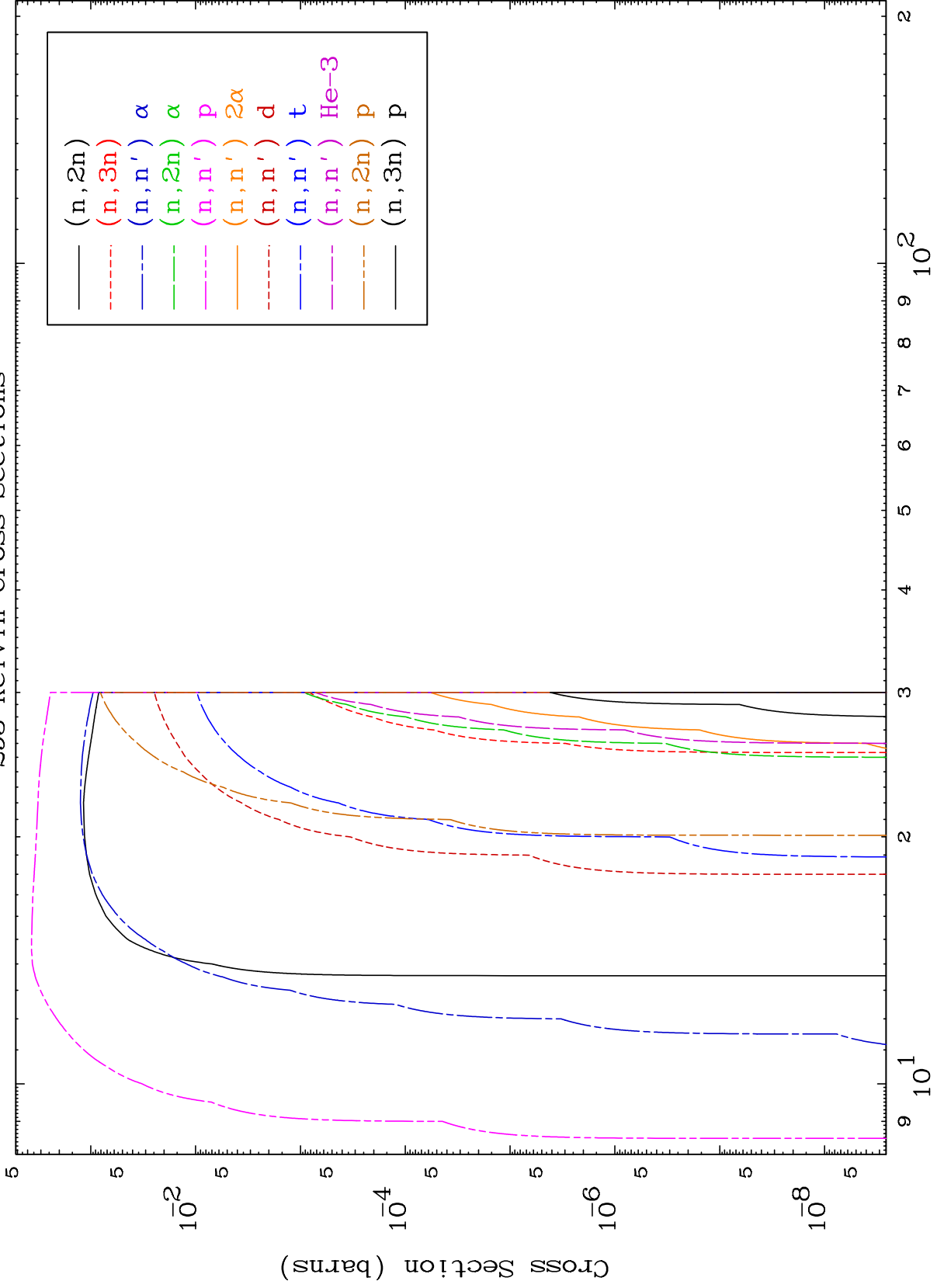
13-Al-27



MAT 1325

Neutron Production  
293 Kelvin Cross Sections

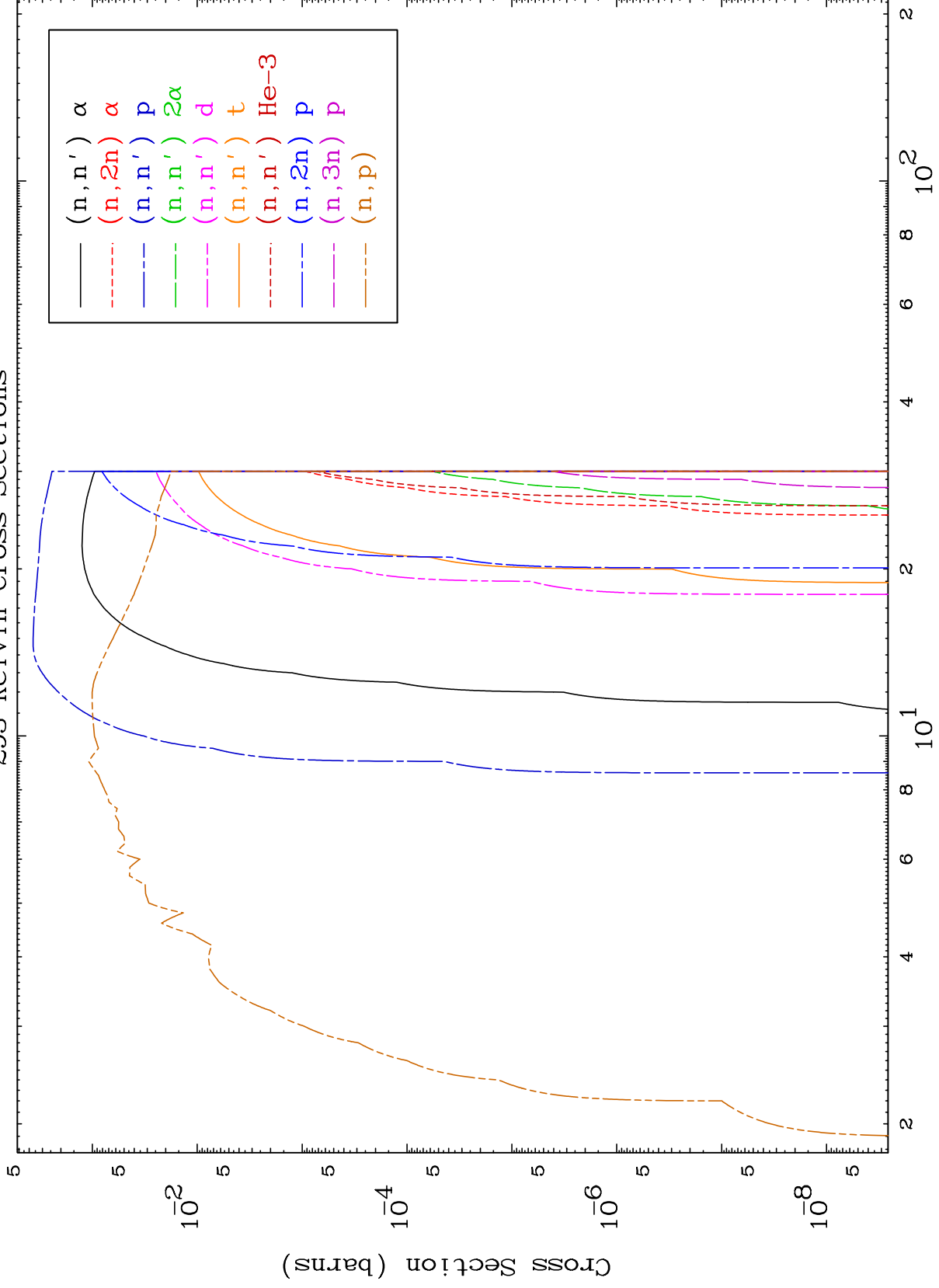
13-Al-27

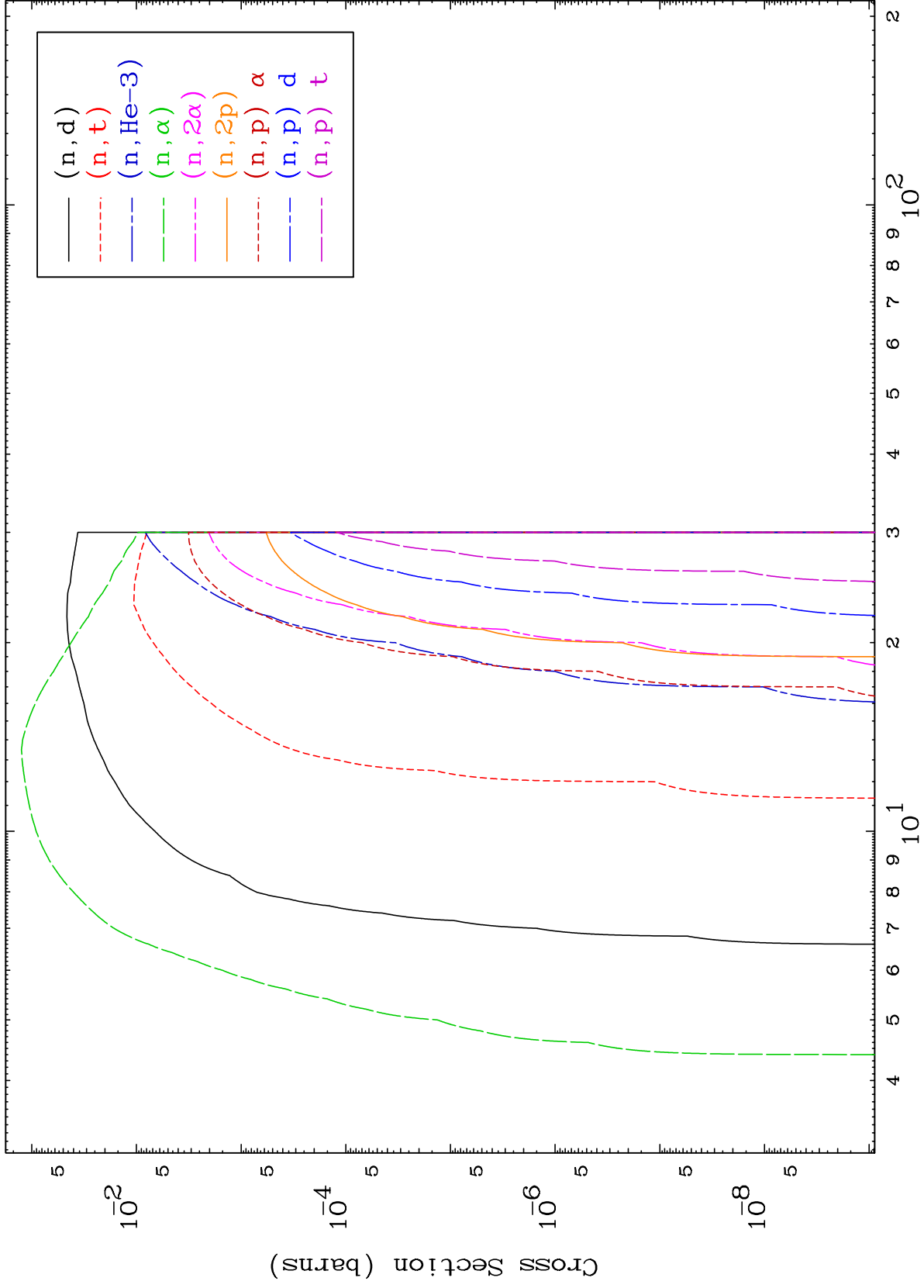


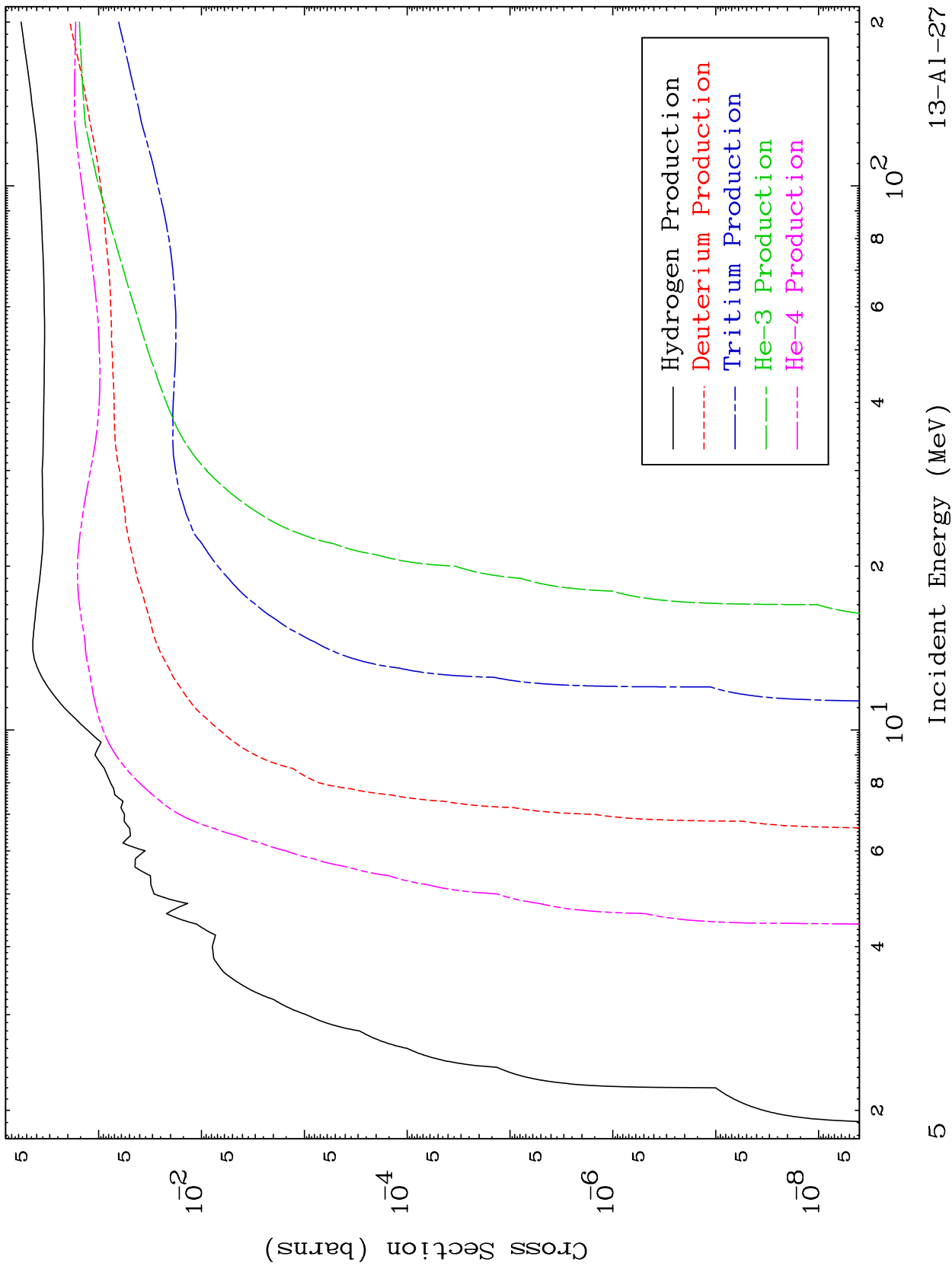
2

Incident Energy (MeV)

13-Al-27



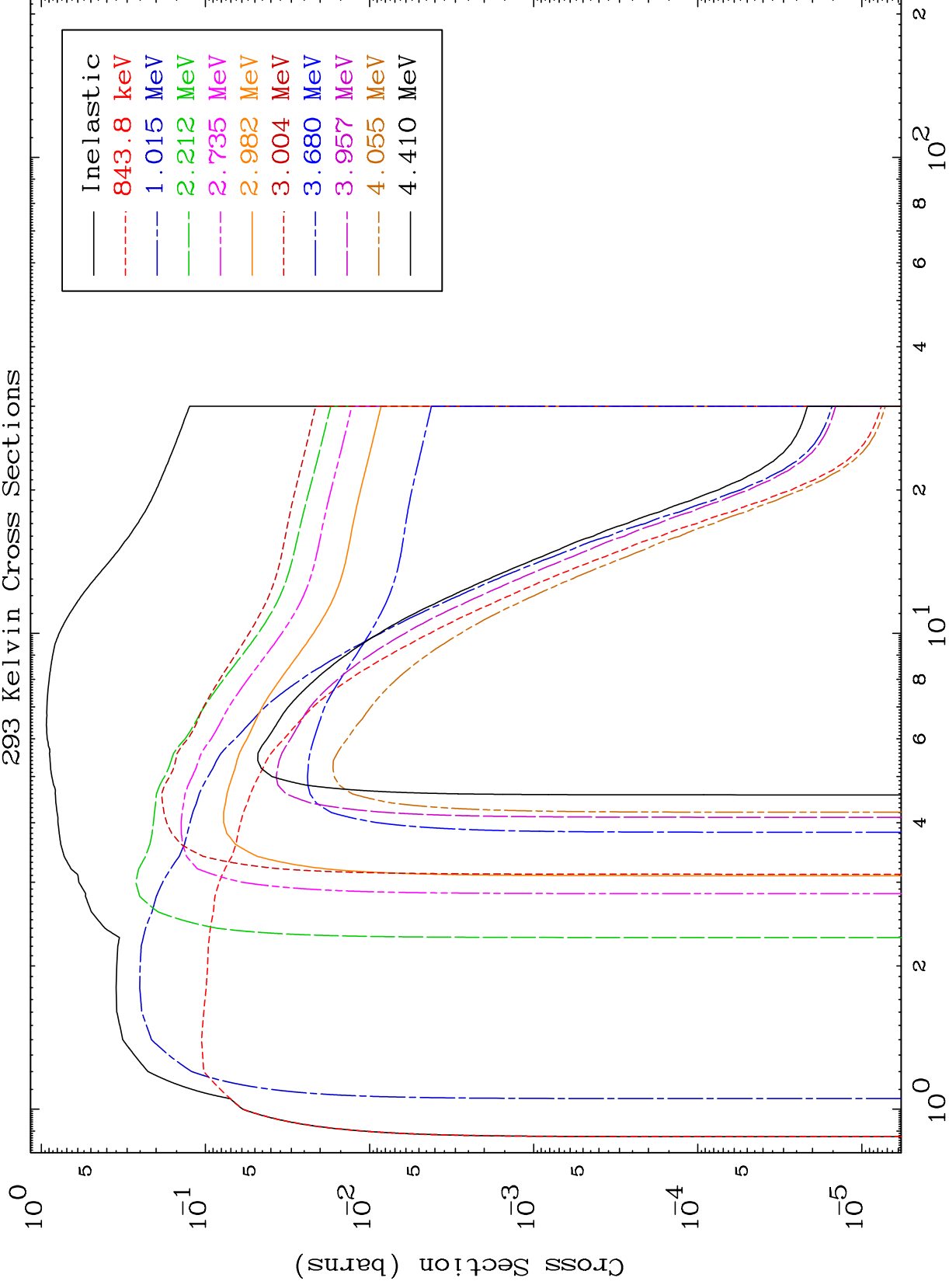




MAT 1325

(n,n') Level  
293 Kelvin Cross Sections

13-Al-27



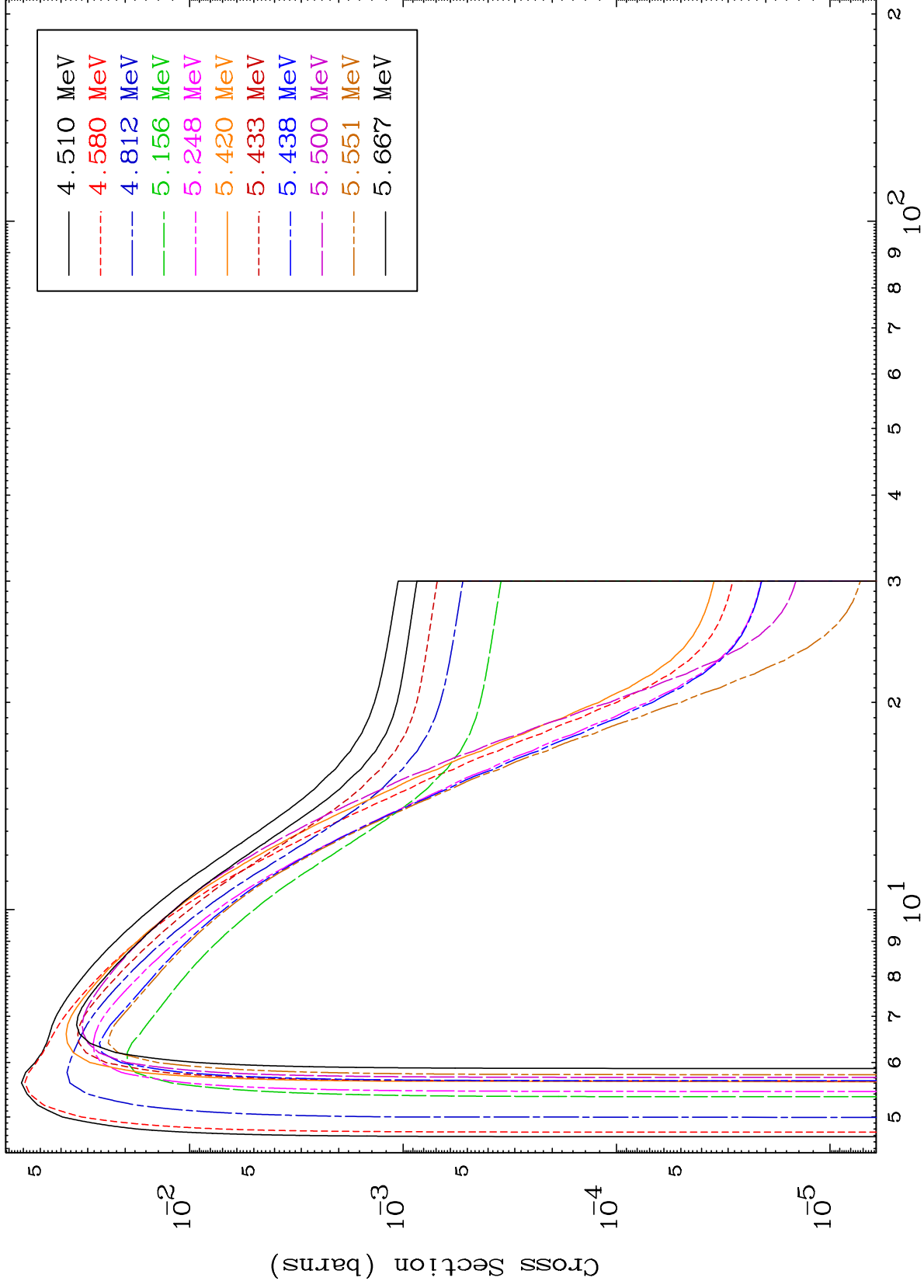
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,n') Level  
293 Kelvin Cross Sections

13-Al-27



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Incident Energy (MeV)

13-Al-27

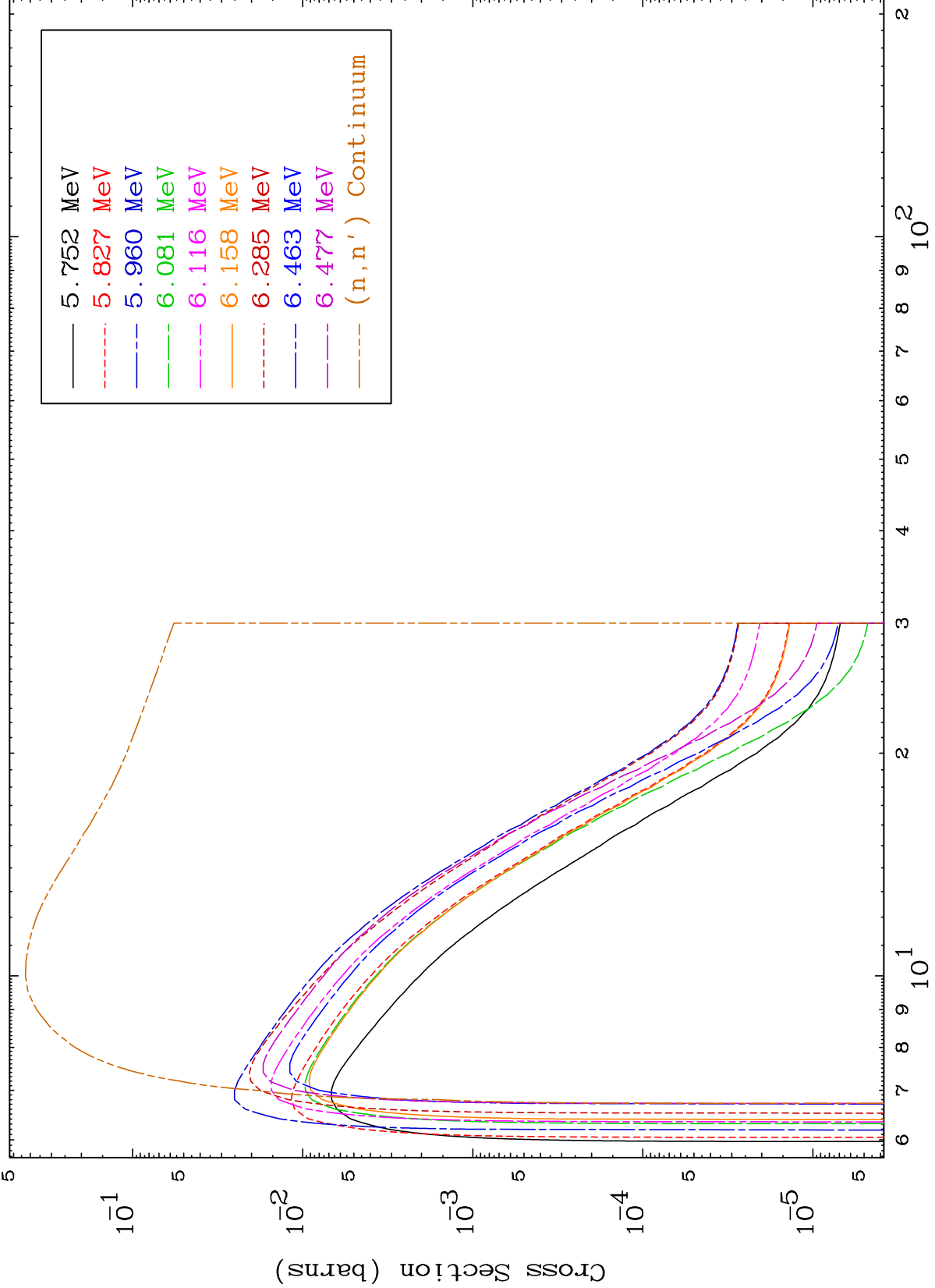


MAT 1325

(n,n') Level

13-Al-27

293 Kelvin Cross Sections



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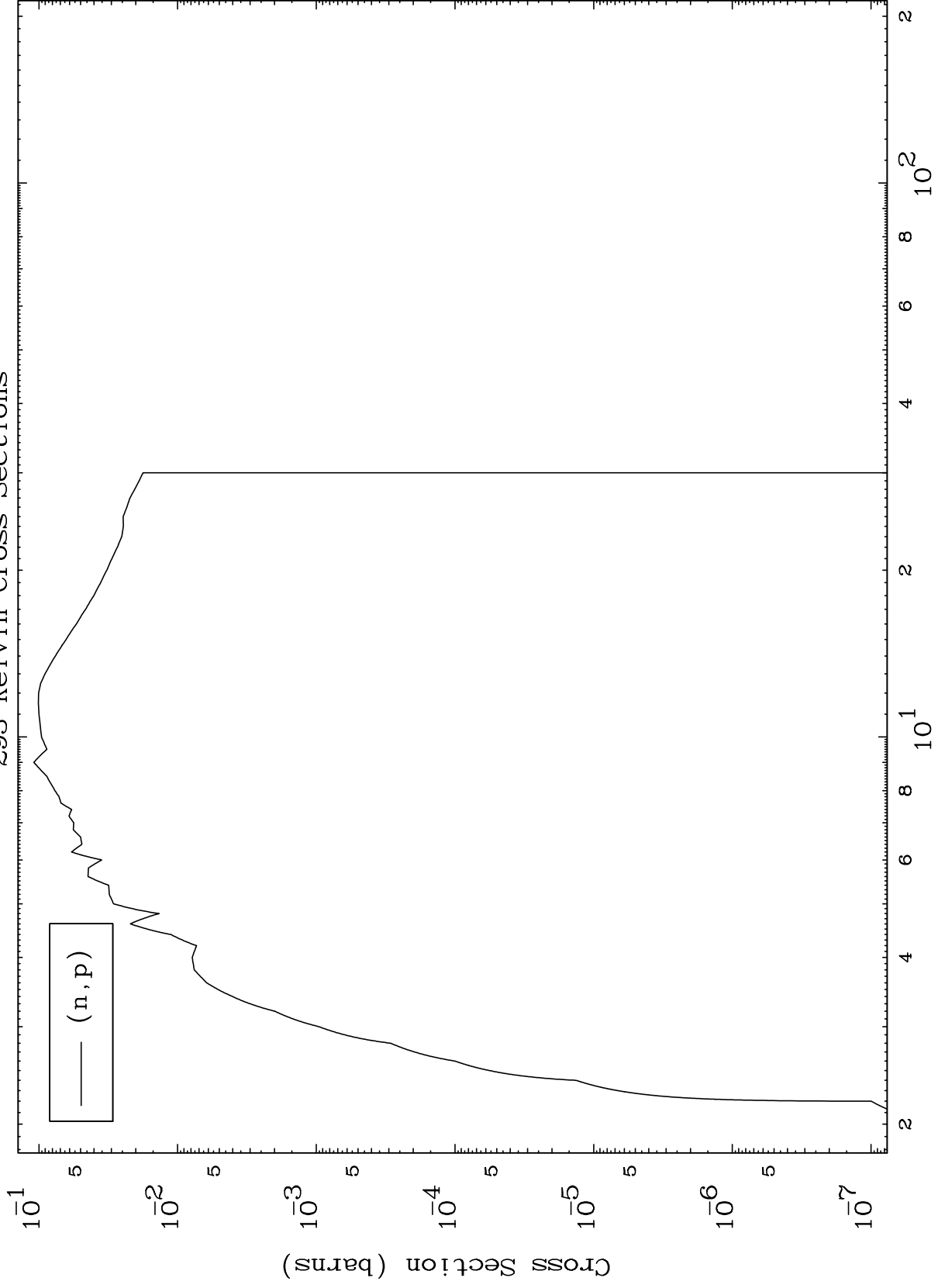
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,p) Levels  
293 Kelvin Cross Sections

13-Al-27



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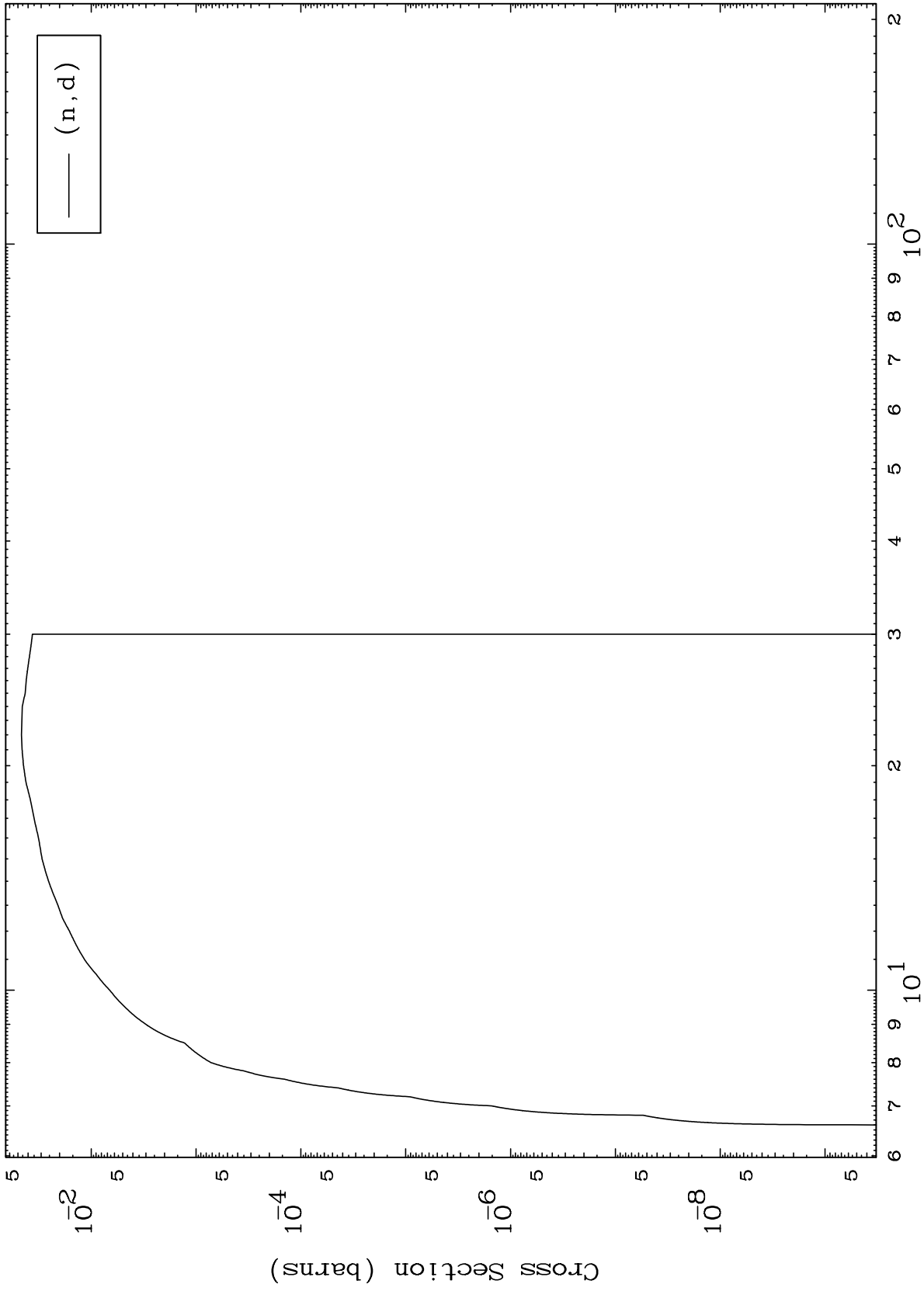
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,d) Levels  
293 Kelvin Cross Sections

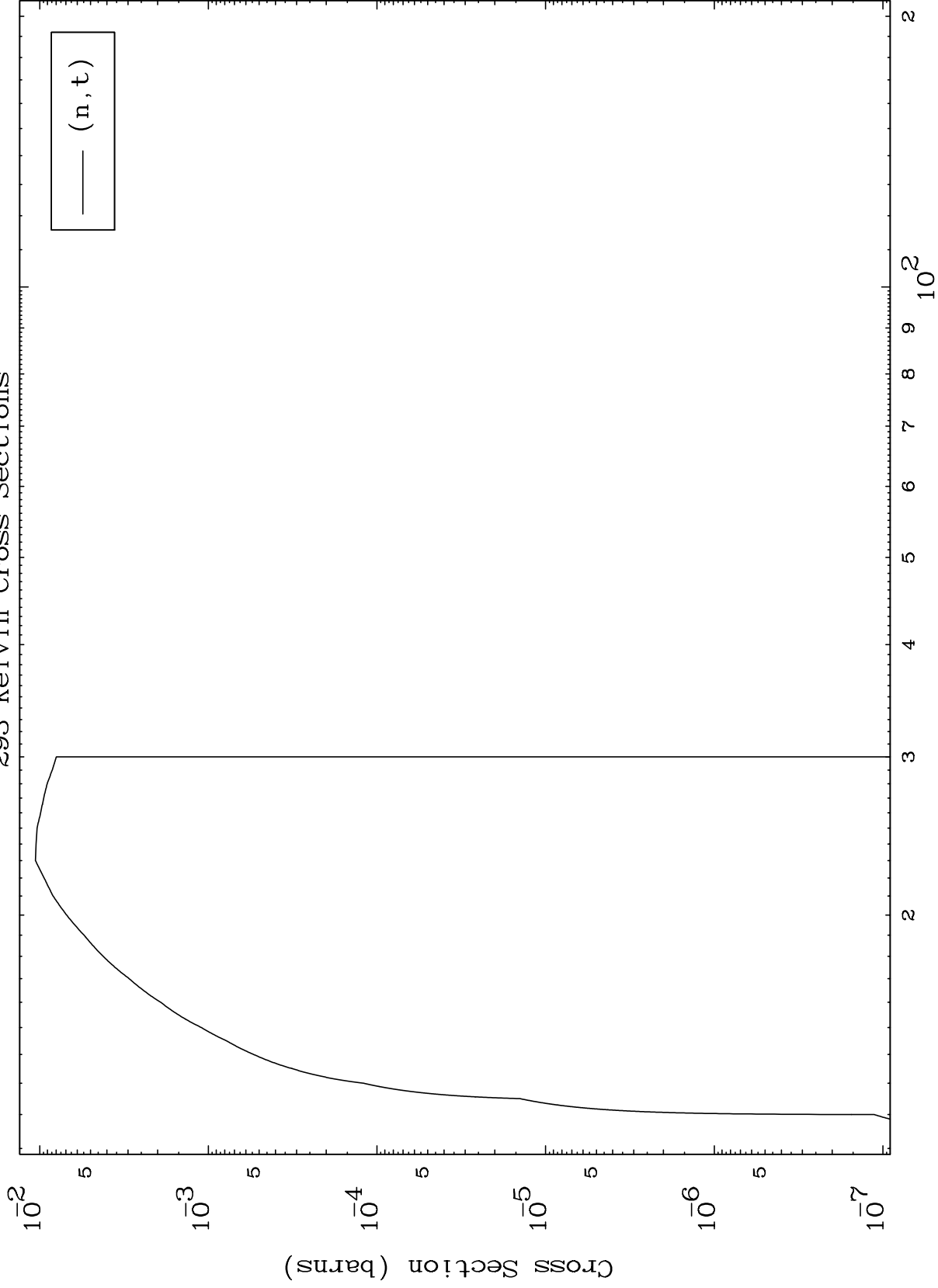
13-Al-27



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Incident Energy (MeV)

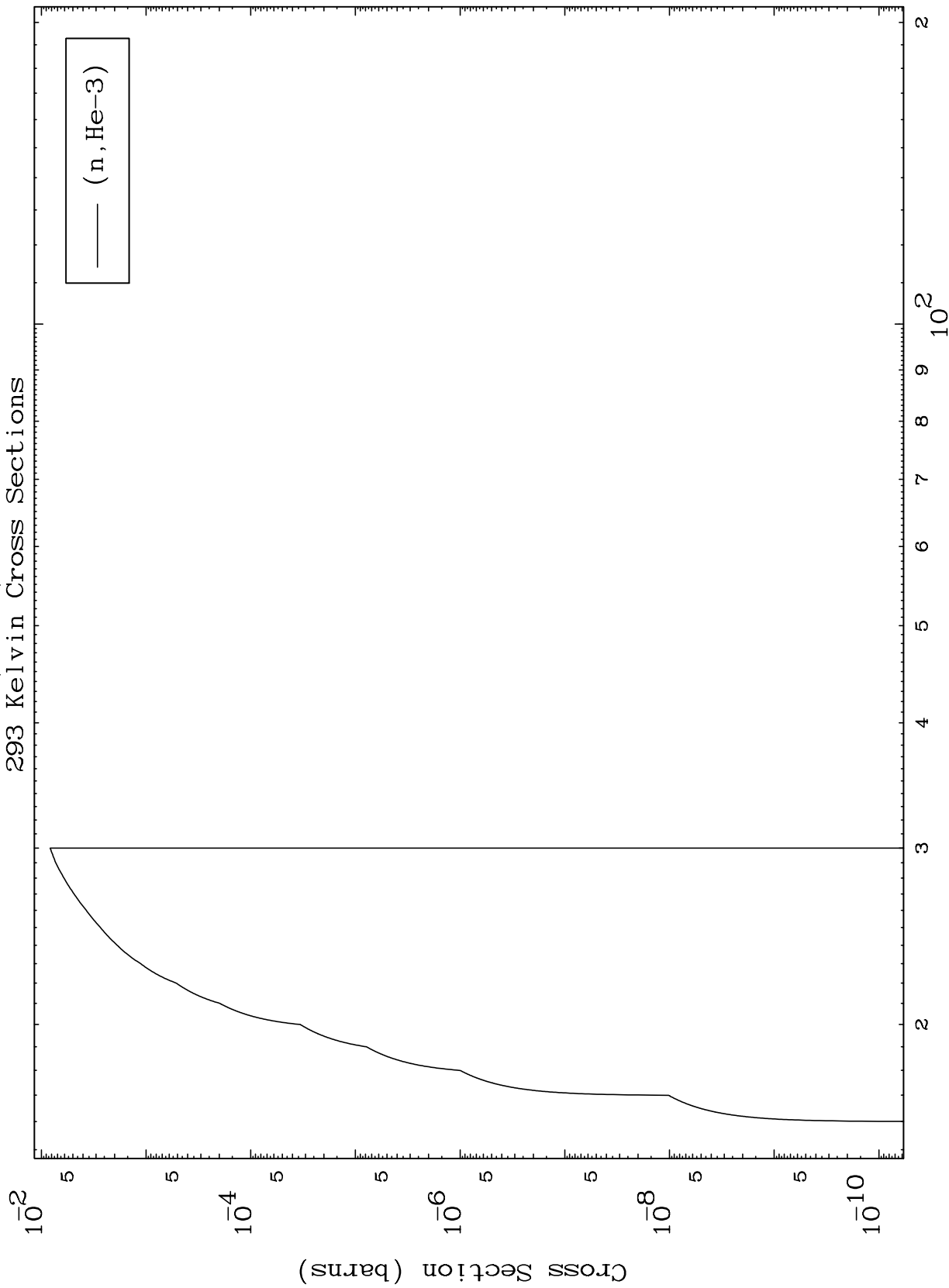
13-Al-27



MAT 1325

13-Al-27

(n,He3) Levels  
293 Kelvin Cross Sections



13-Al-27

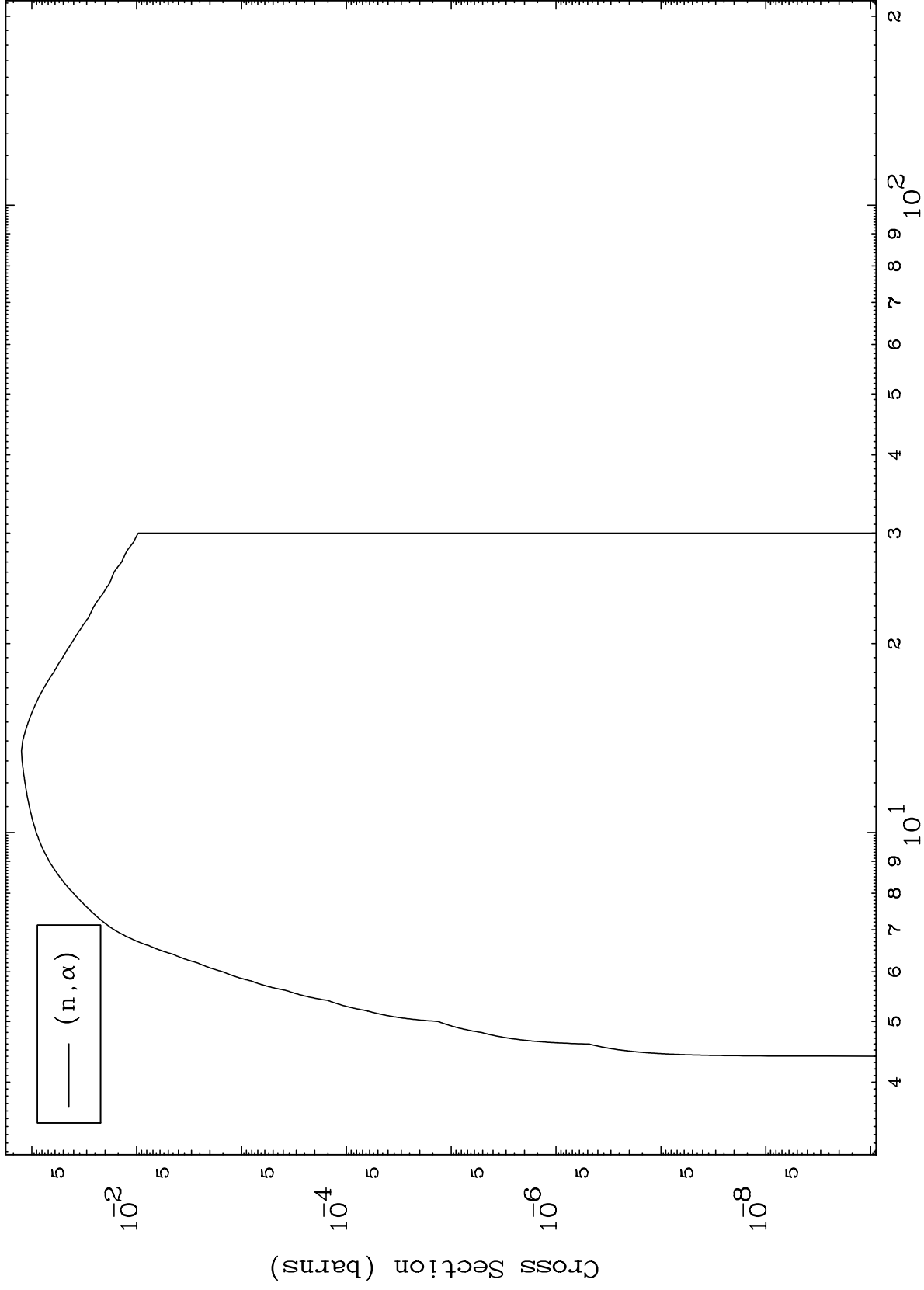
Incident Energy (MeV)

12

MAT 1325

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

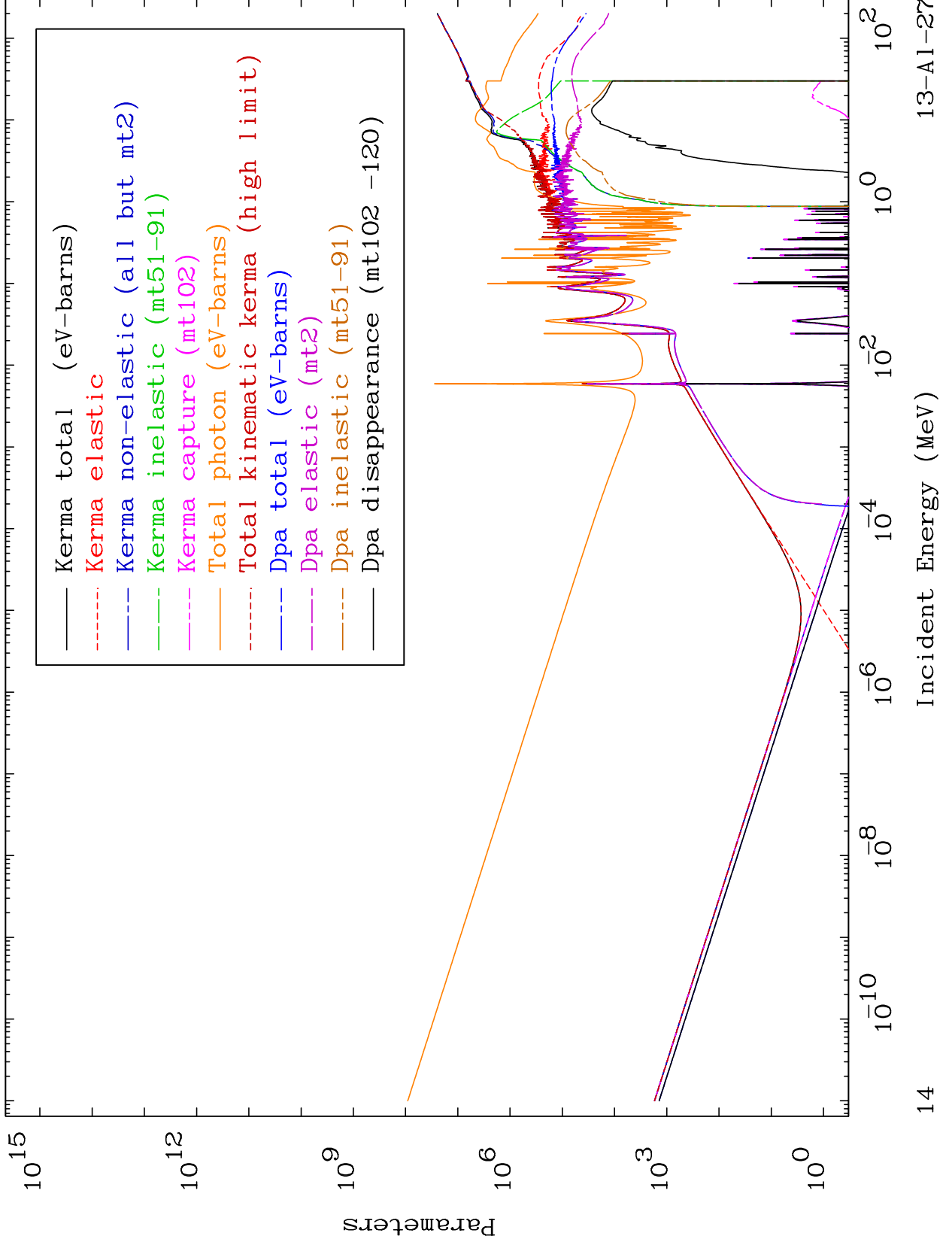
13-Al-27



13

Incident Energy (MeV)

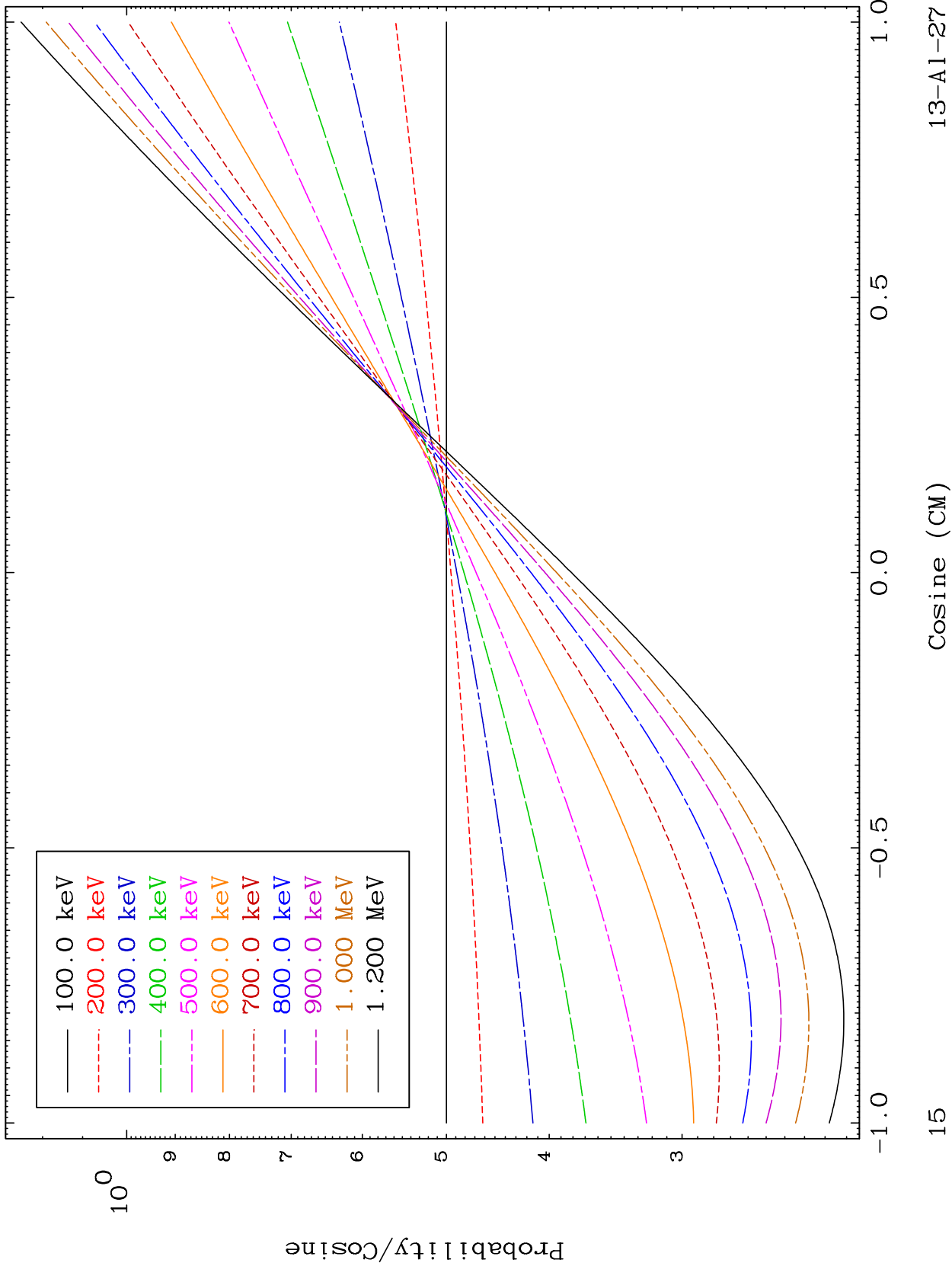
13-Al-27



MAT 1325

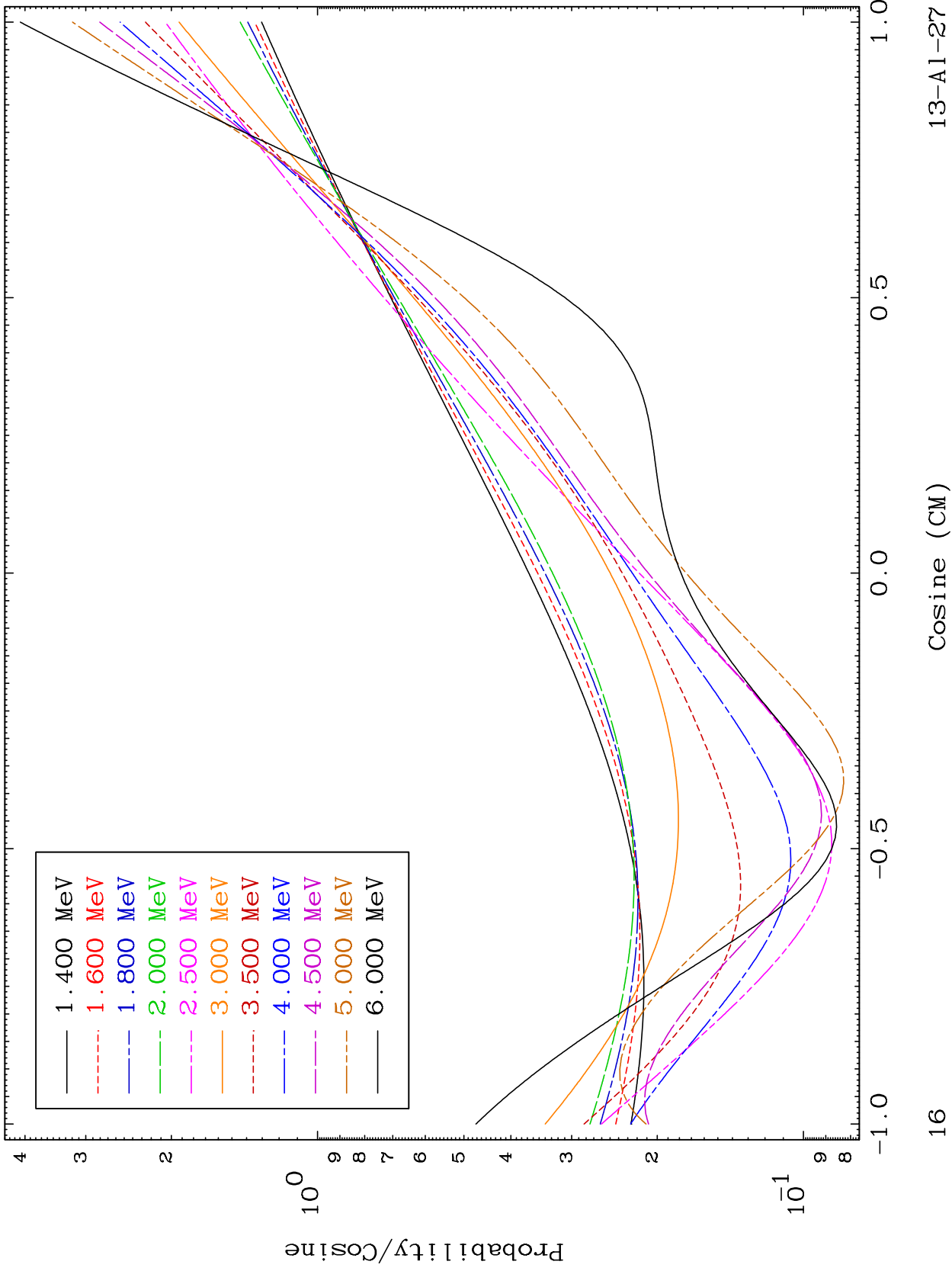
Elastic  
Angular Distributions

13-Al-27

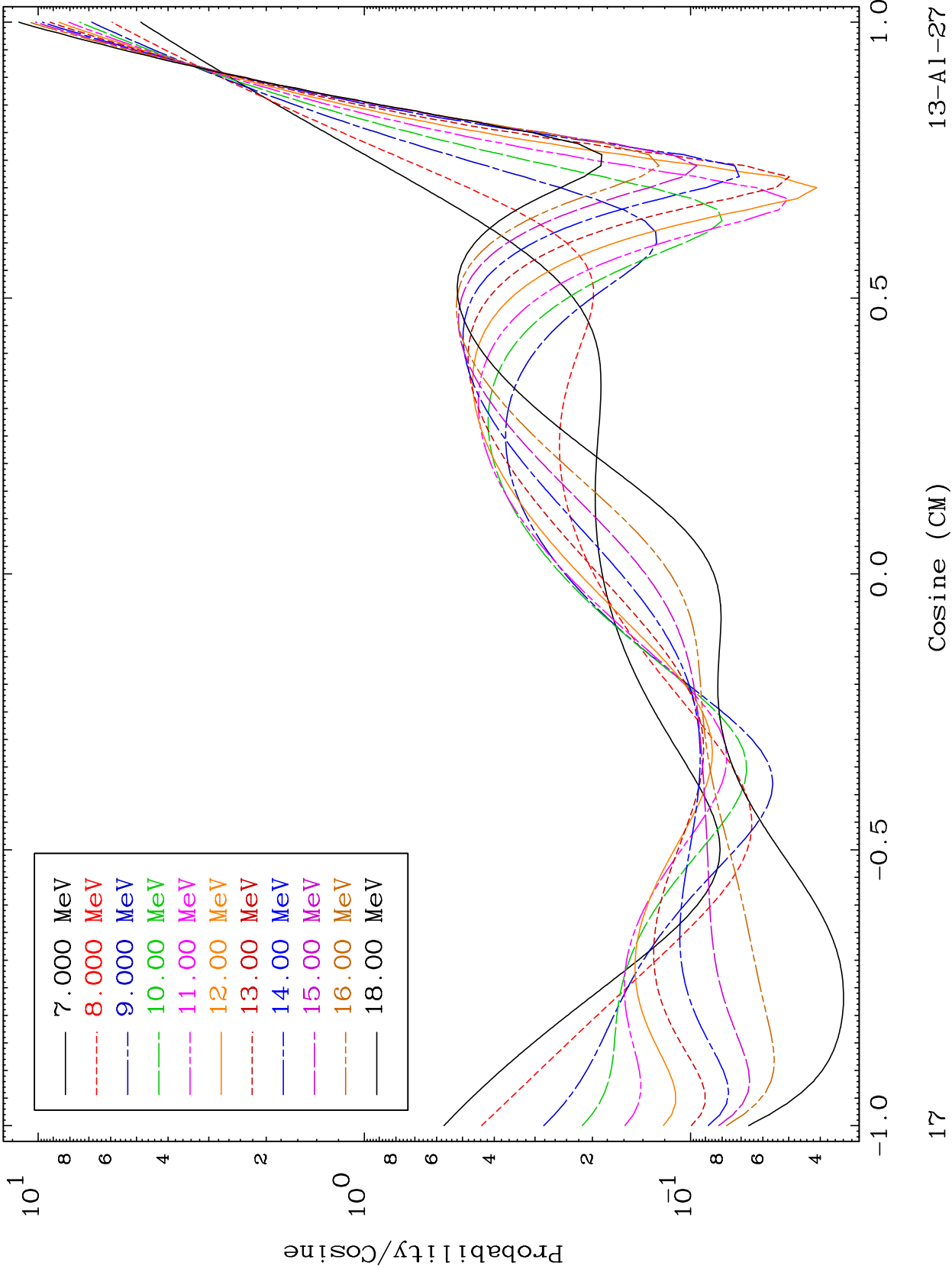




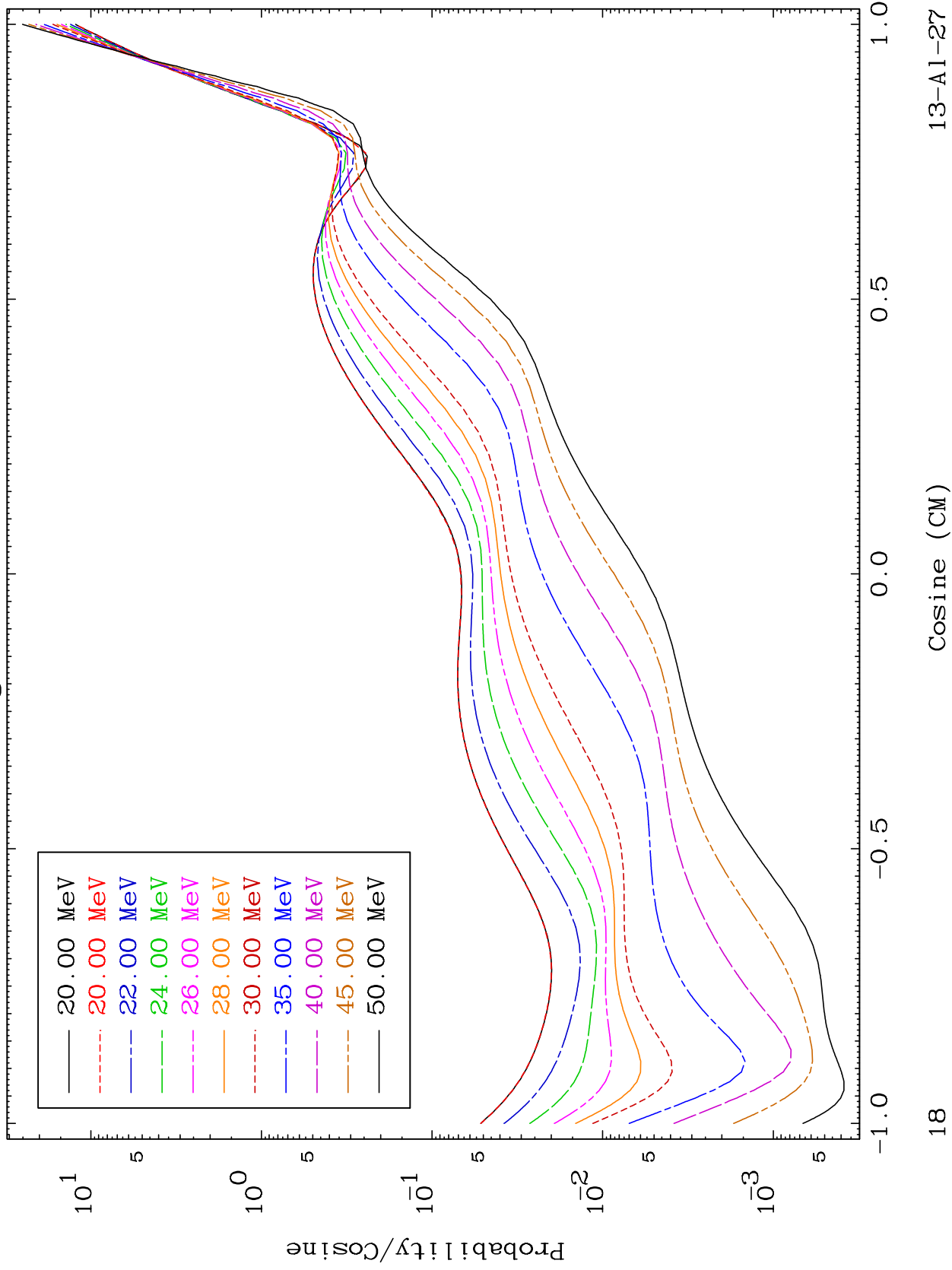
Elastic  
Angular Distributions



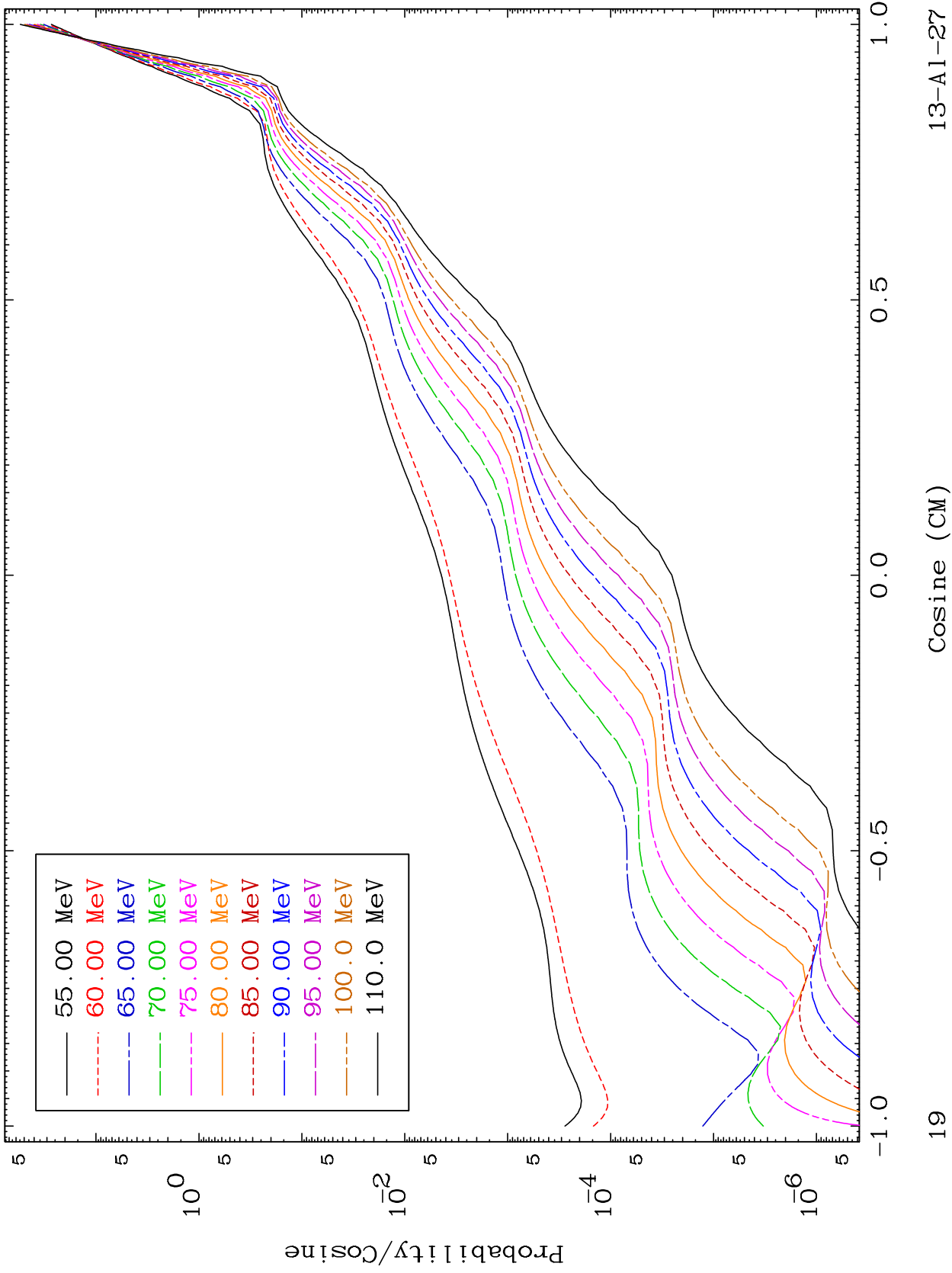
Elastic  
Angular Distributions



Elastic  
Angular Distributions



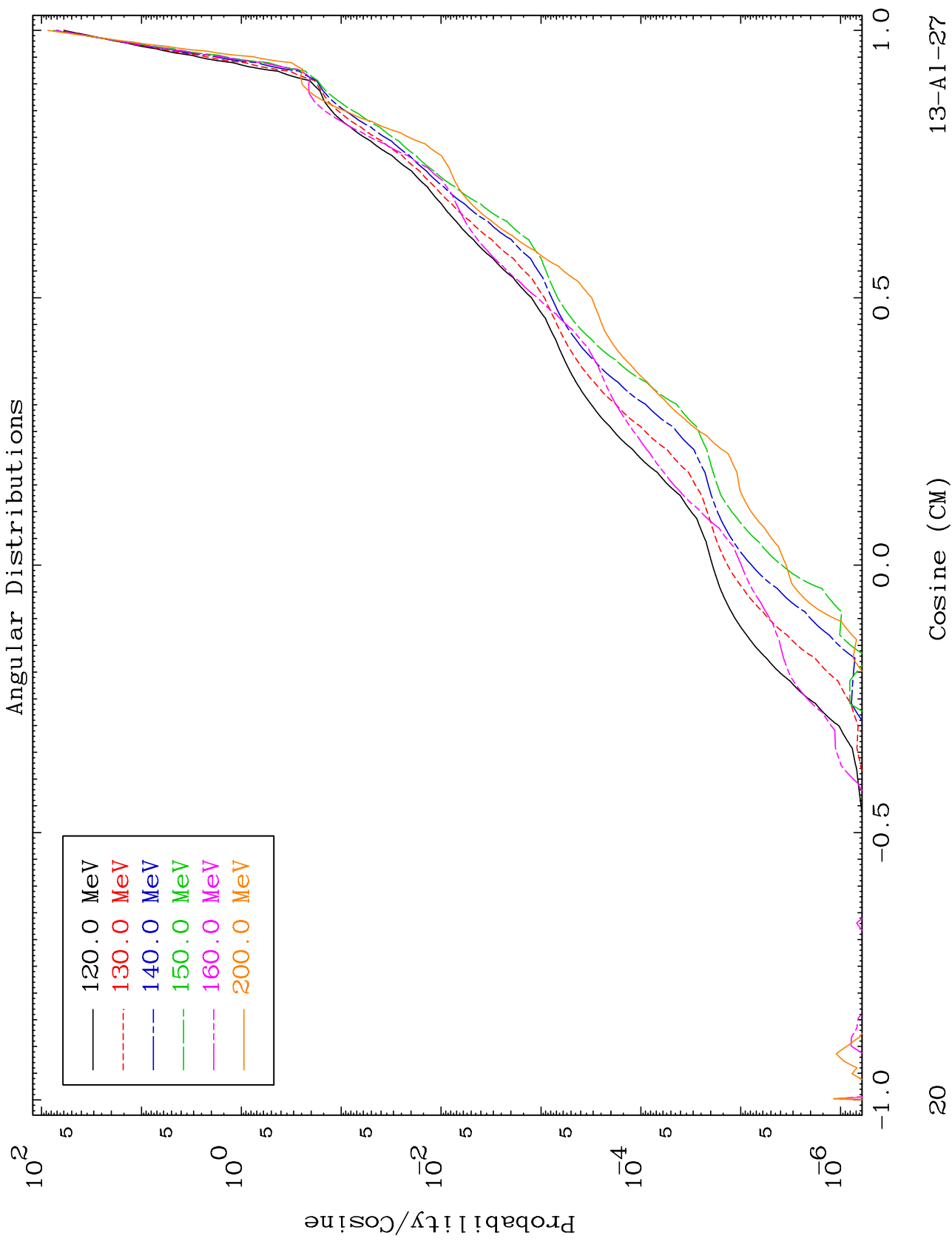
Elastic  
Angular Distributions



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### Elastic Angular Distributions

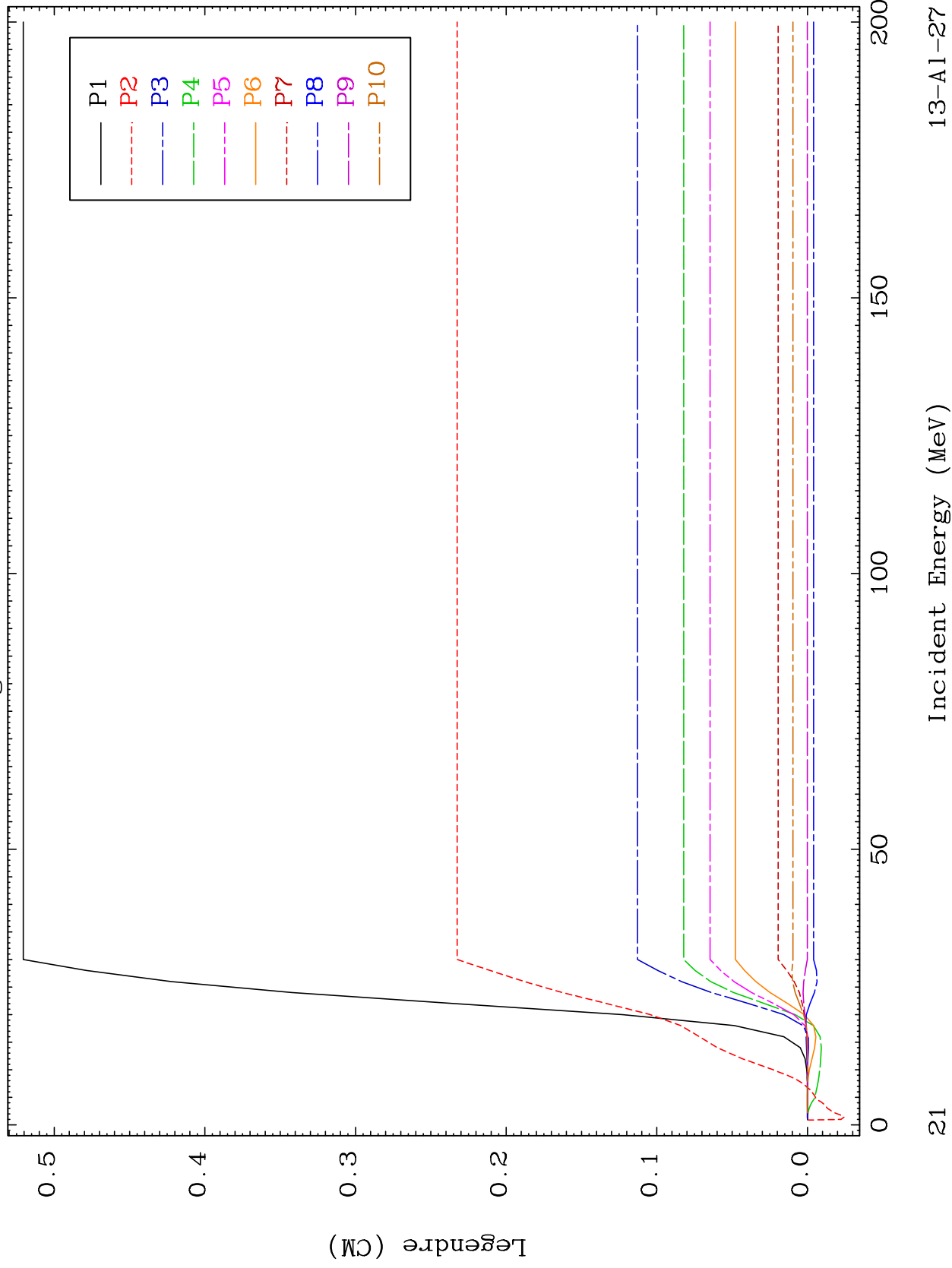
13-Al-27



MAT 1325

843.8 keV (n,n') Level  
Legendre Coefficients

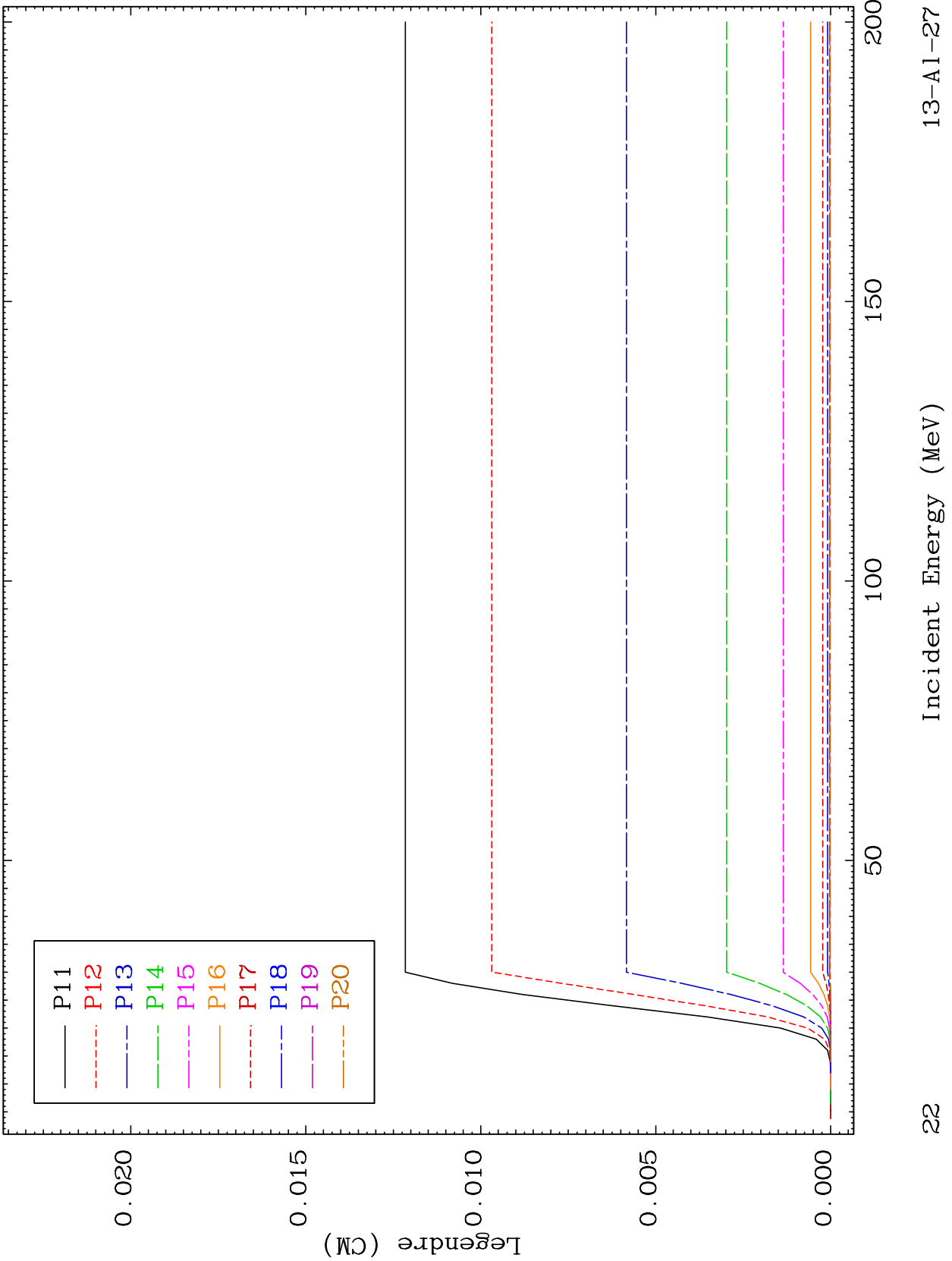
13-Al-27



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Incident Energy (MeV)

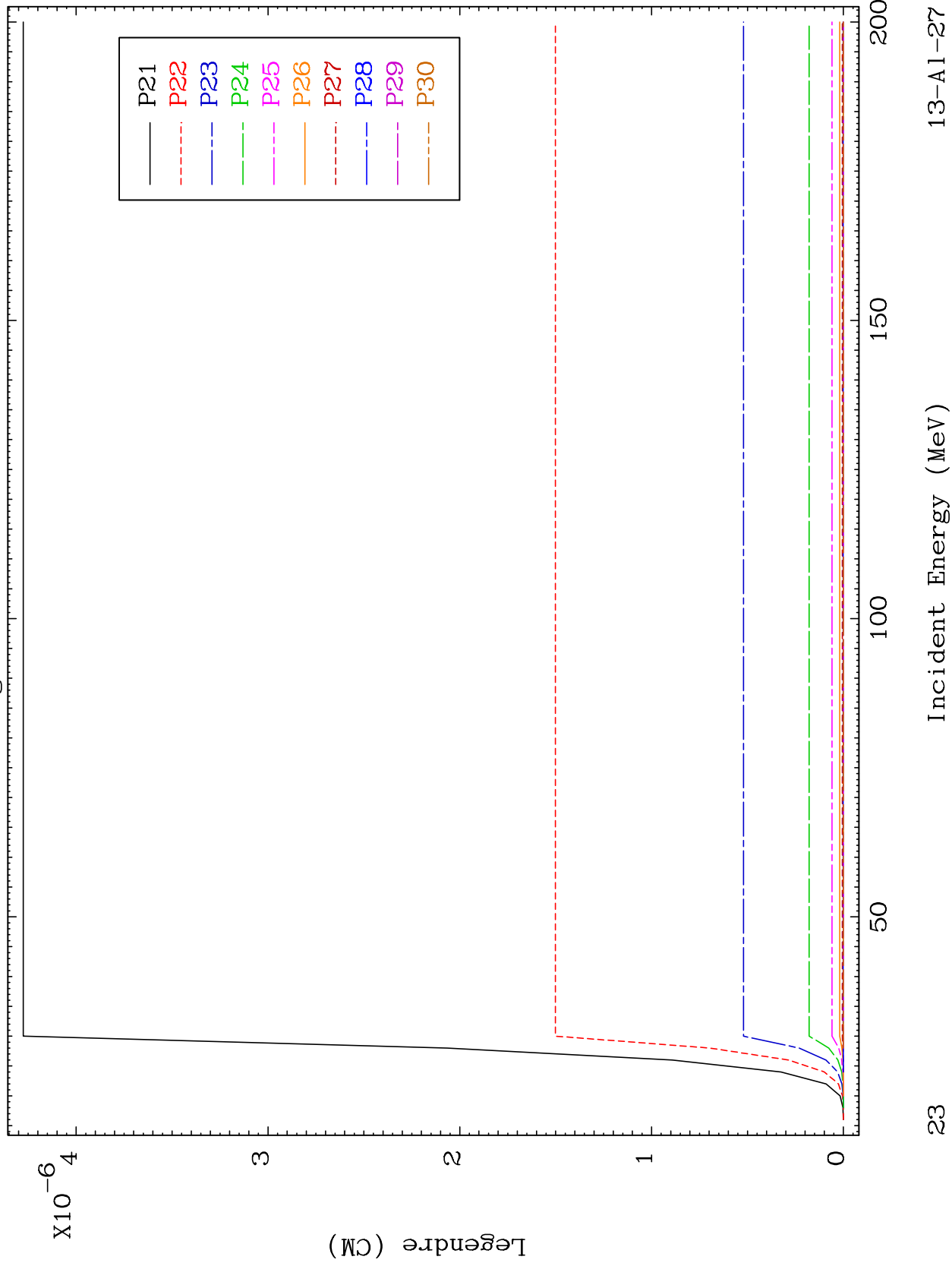
13-Al-27



MAT 1325

843.8 keV (n,n') Level  
Legendre Coefficients

13-A1-27



23

Incident Energy (MeV)

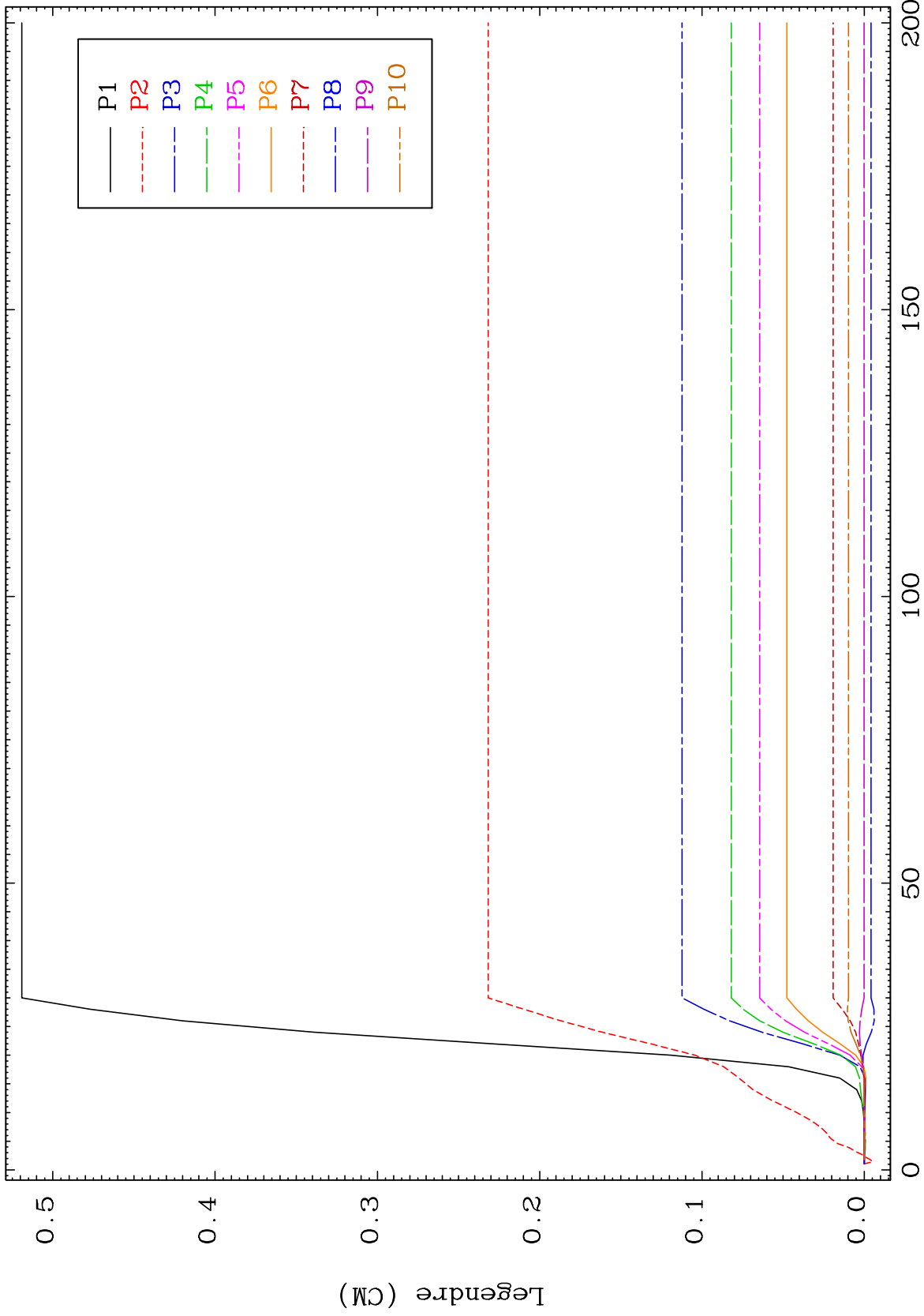
13-A1-27



MAT 1325

1.015 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



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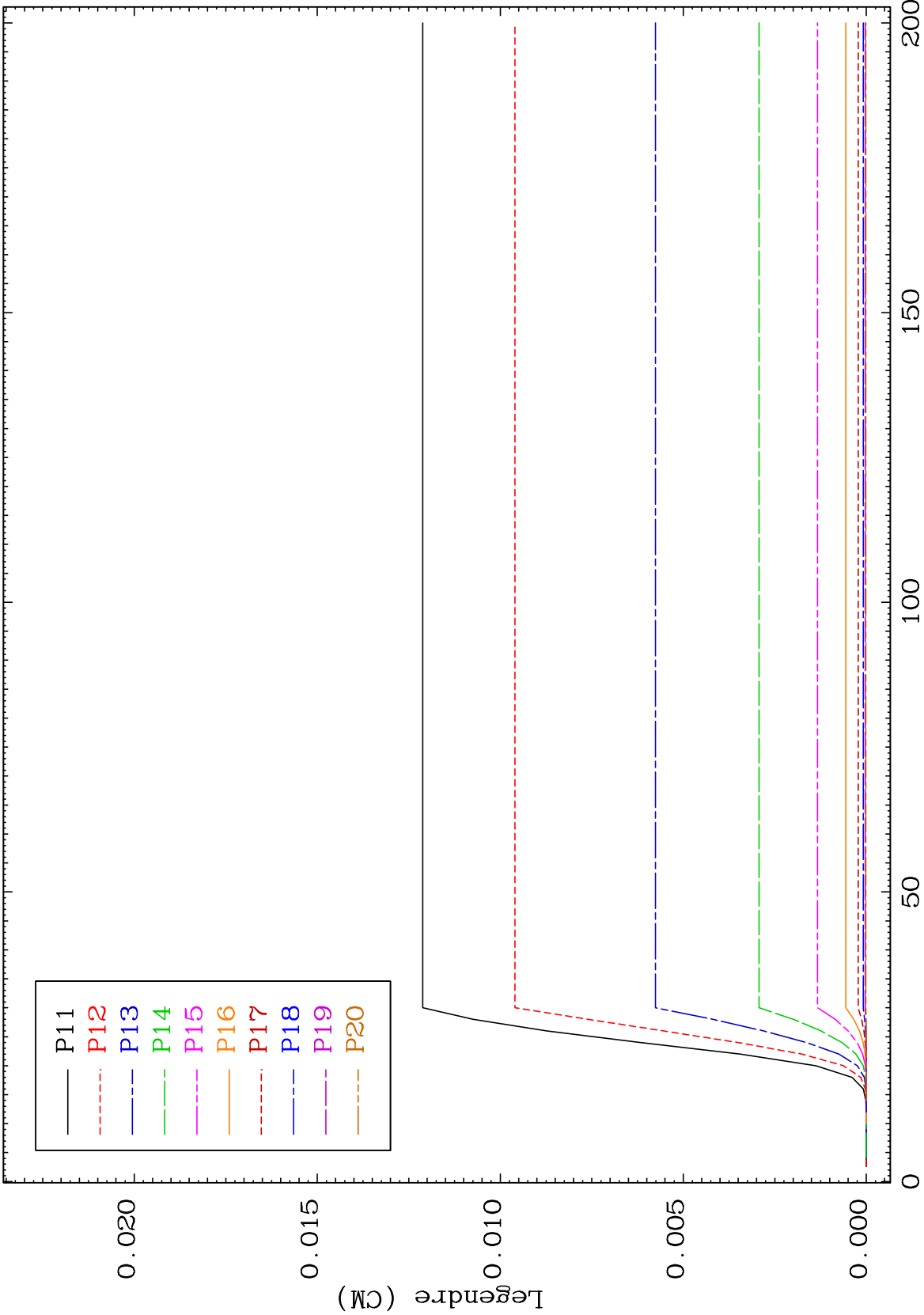
Incident Energy (MeV)

13-A1-27

MAT 1325

1.015 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



Incident Energy (MeV)

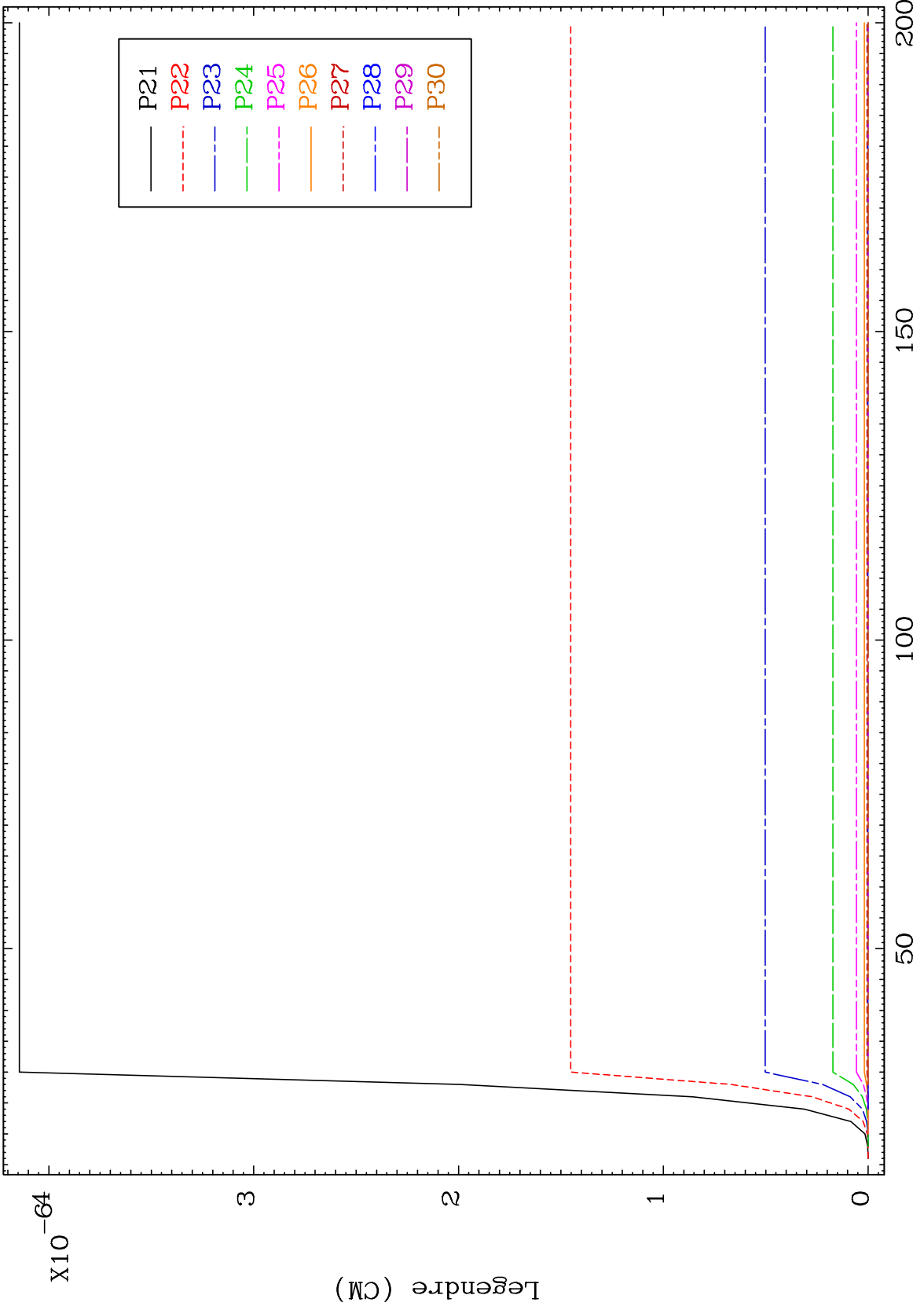
13-A1-27

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MAT 1325

1.015 MeV (n,n') Level Legendre Coefficients

13-A1-27



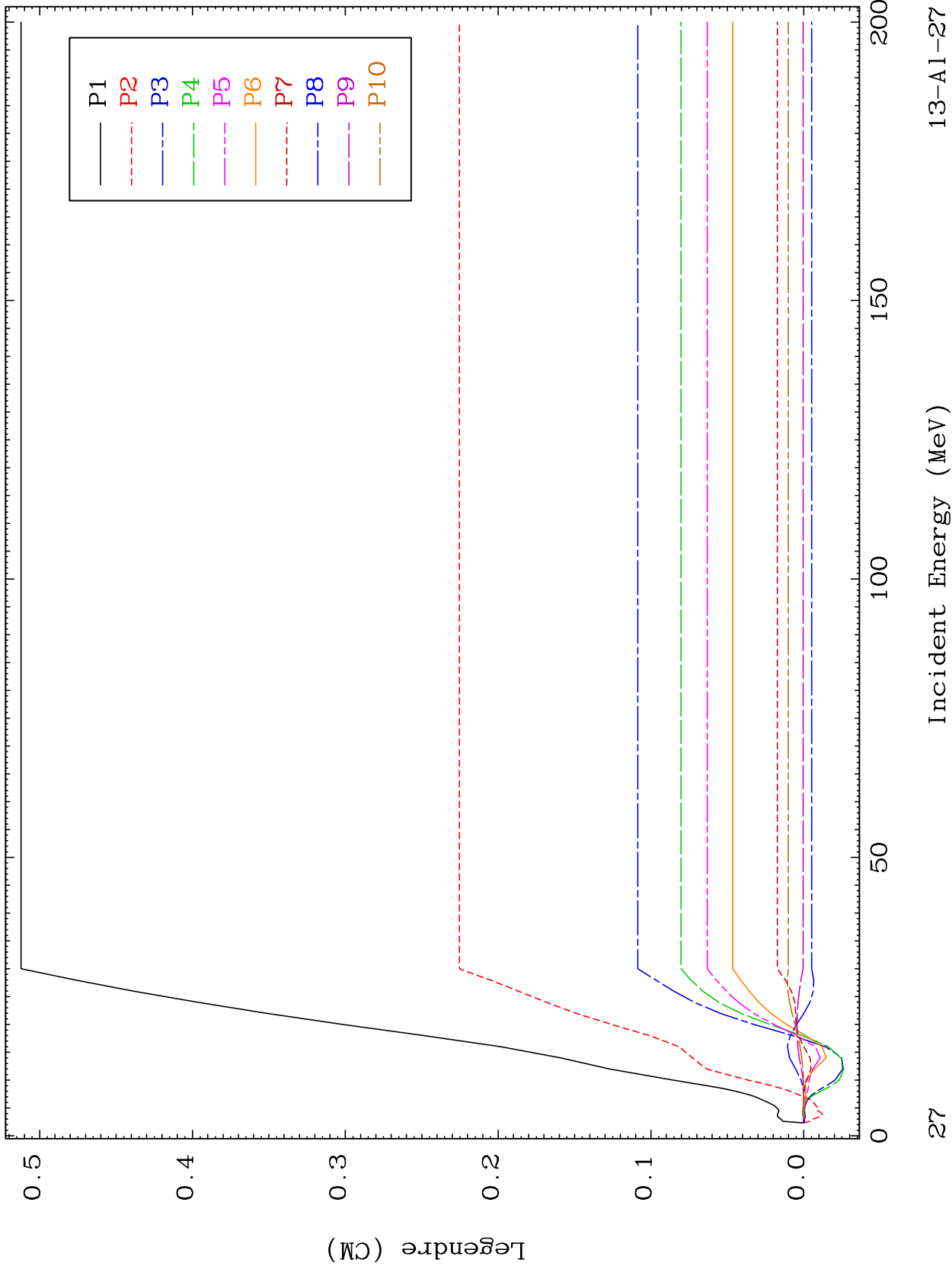
26

13-A1-27

MAT 1325

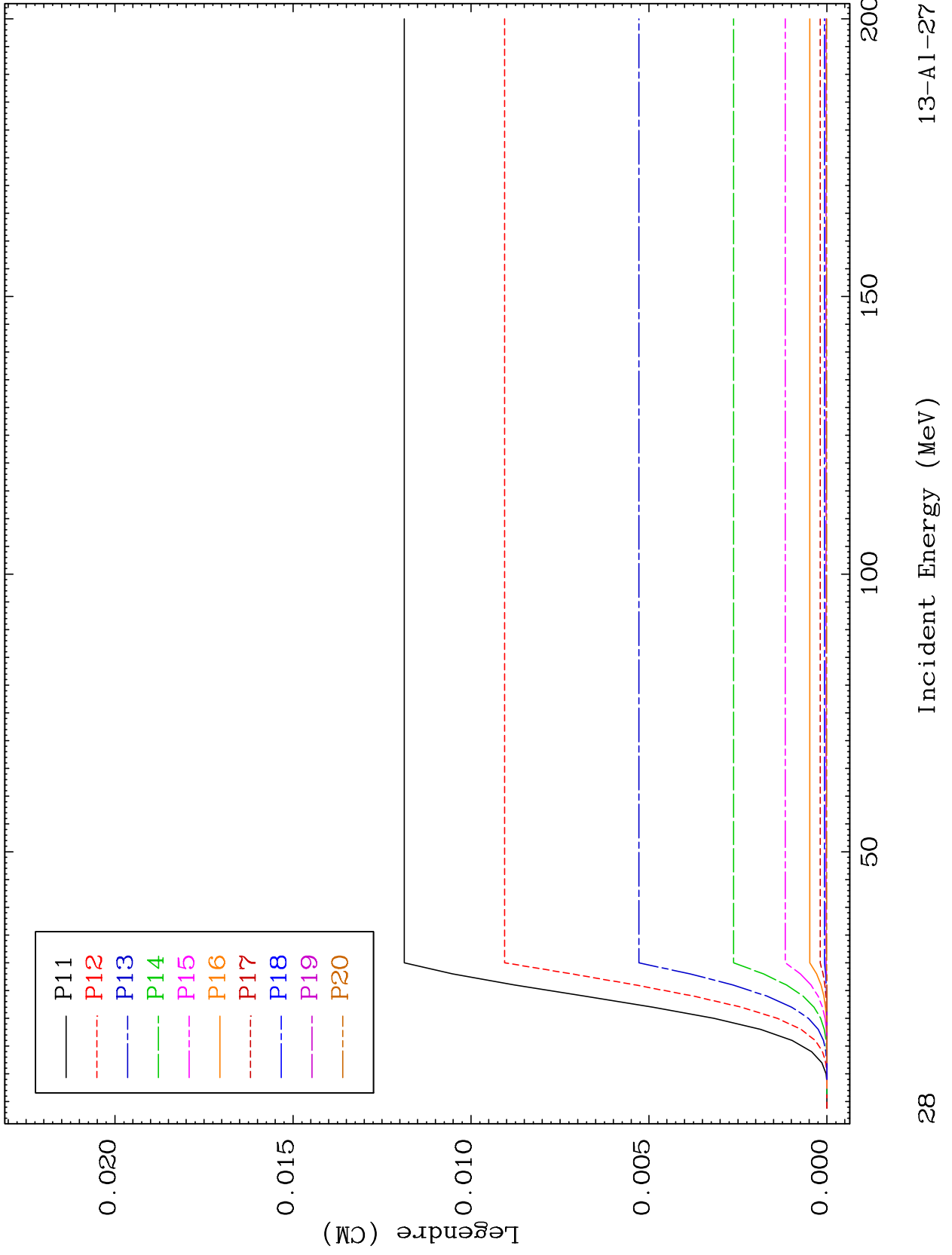
2.212 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



27

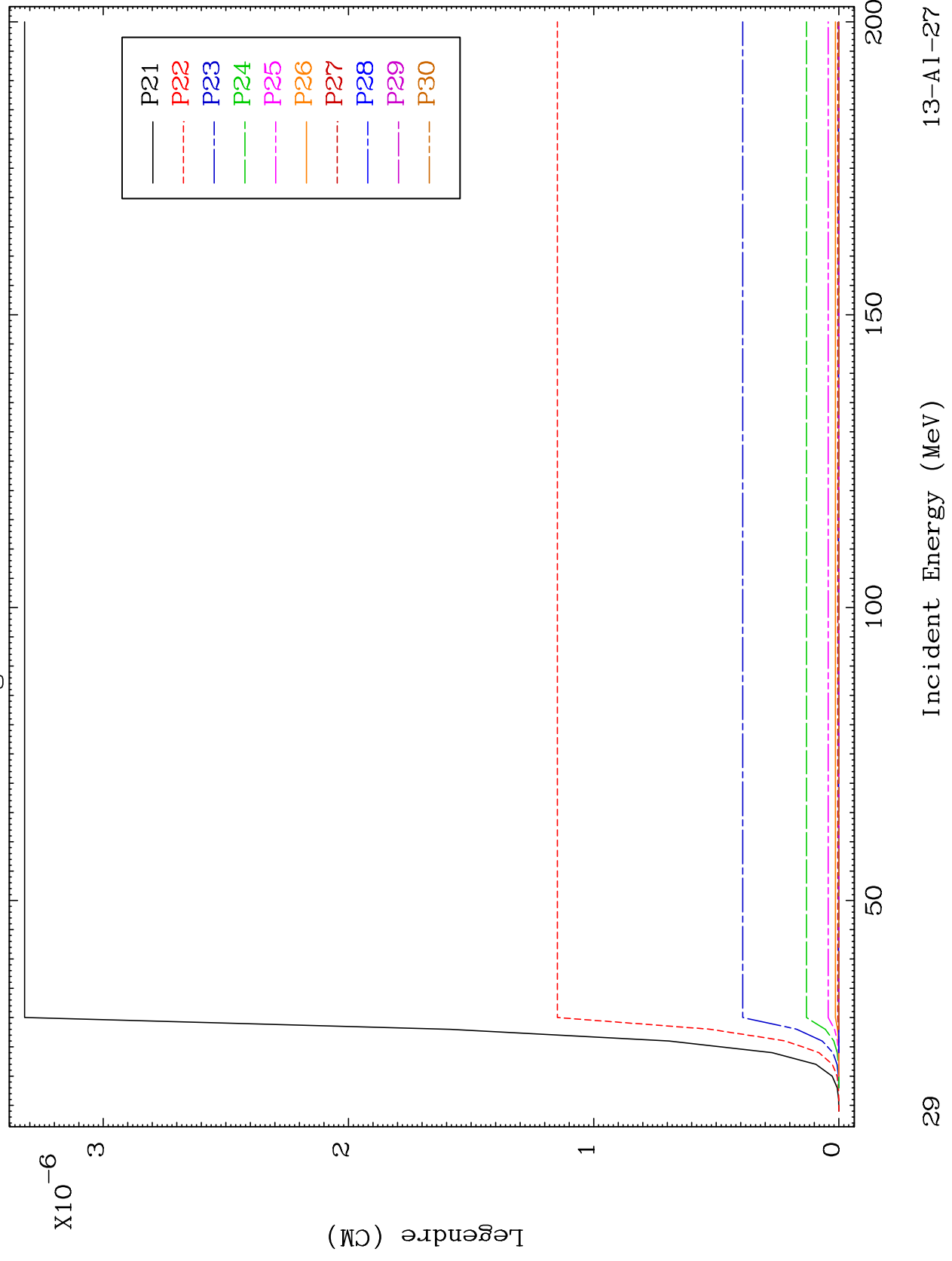
13-A1-27



MAT 1325

2.212 MeV (n,n') Level  
Legendre Coefficients

13-Al-27



29

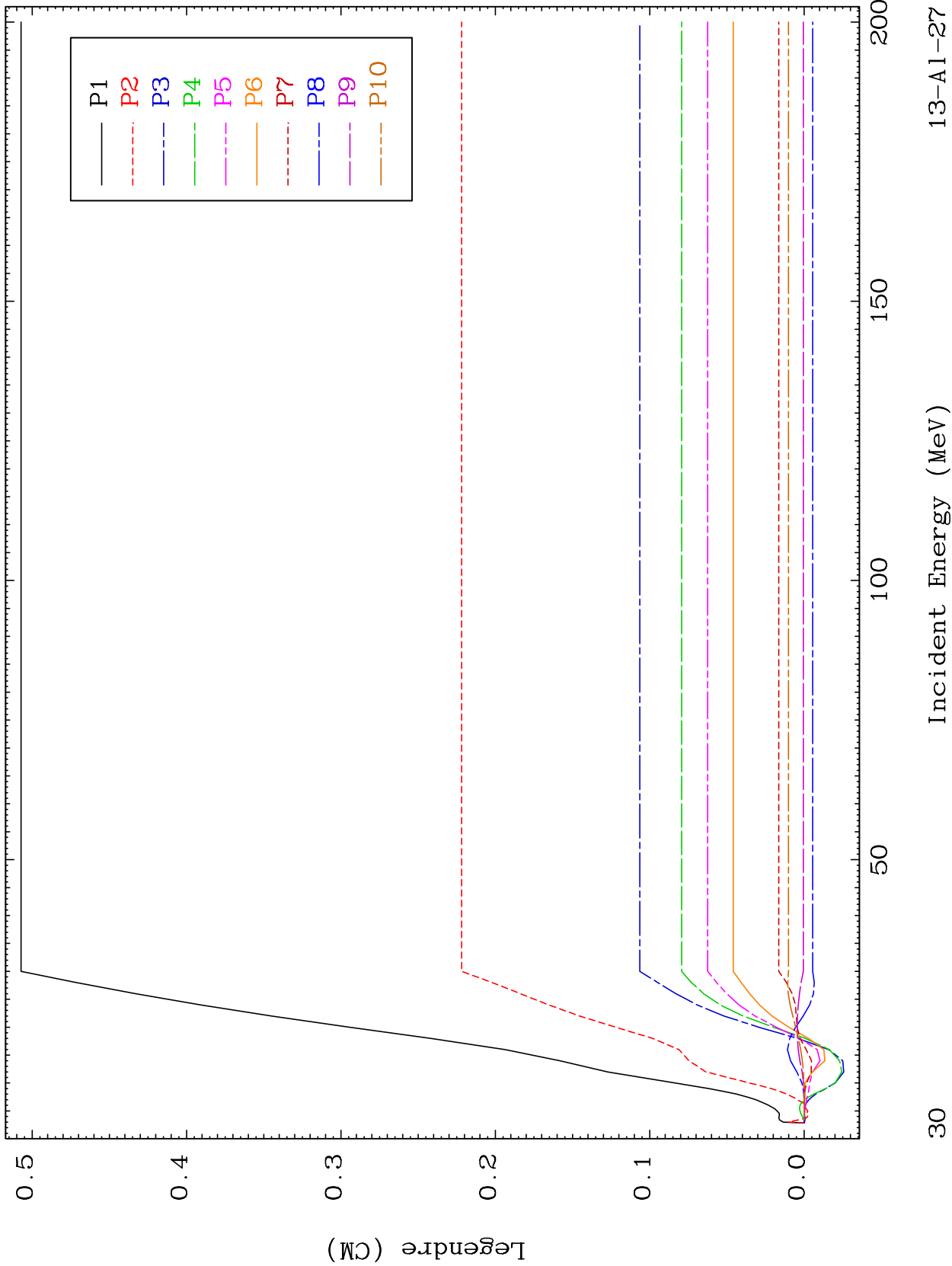
Incident Energy (MeV)

13-Al-27

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2.735 MeV (n,n') Level  
Legendre Coefficients

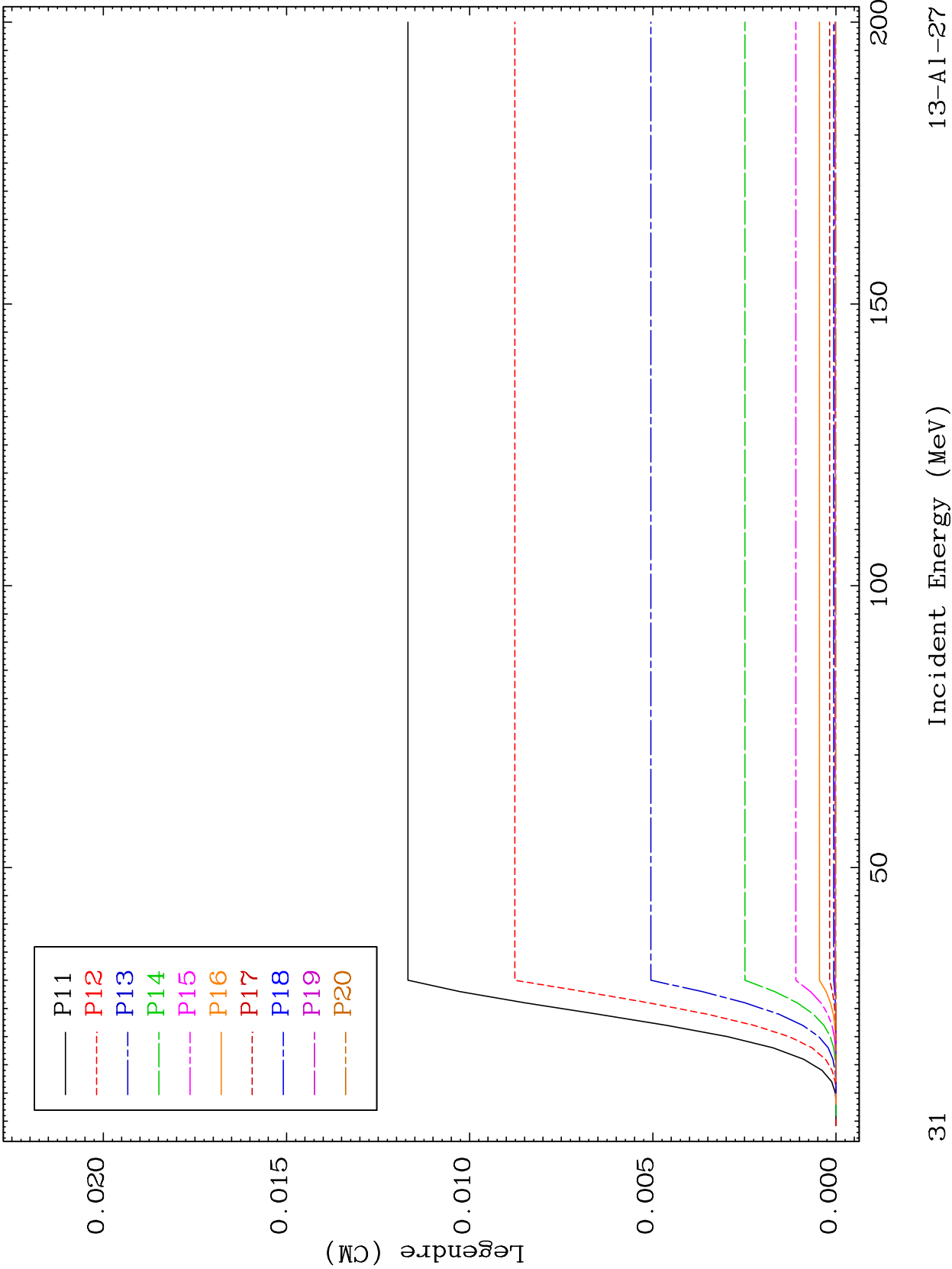
13-A1-27



13-A1-27

Incident Energy (MeV)

30

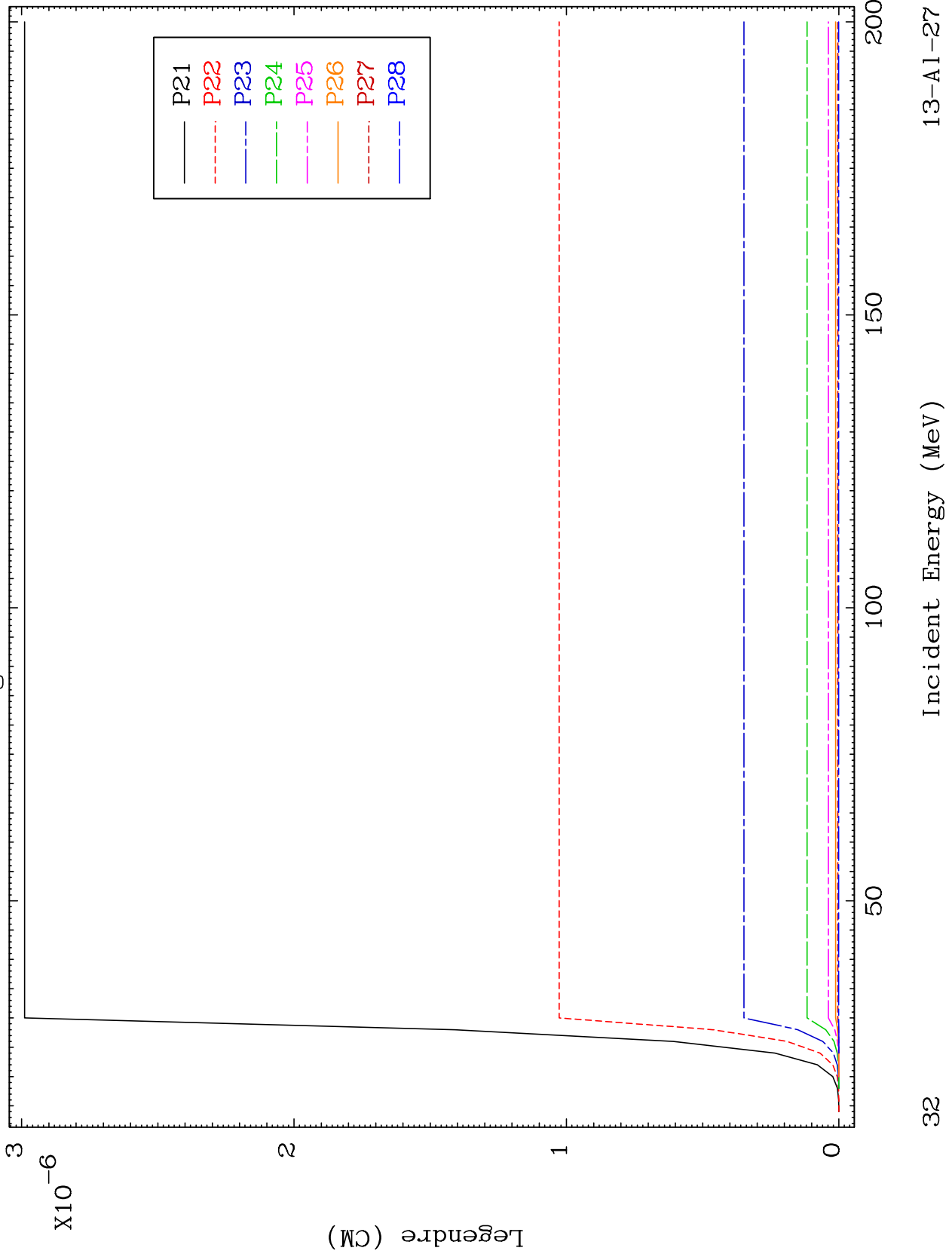




MAT 1325

2.735 MeV (n,n') Level  
Legendre Coefficients

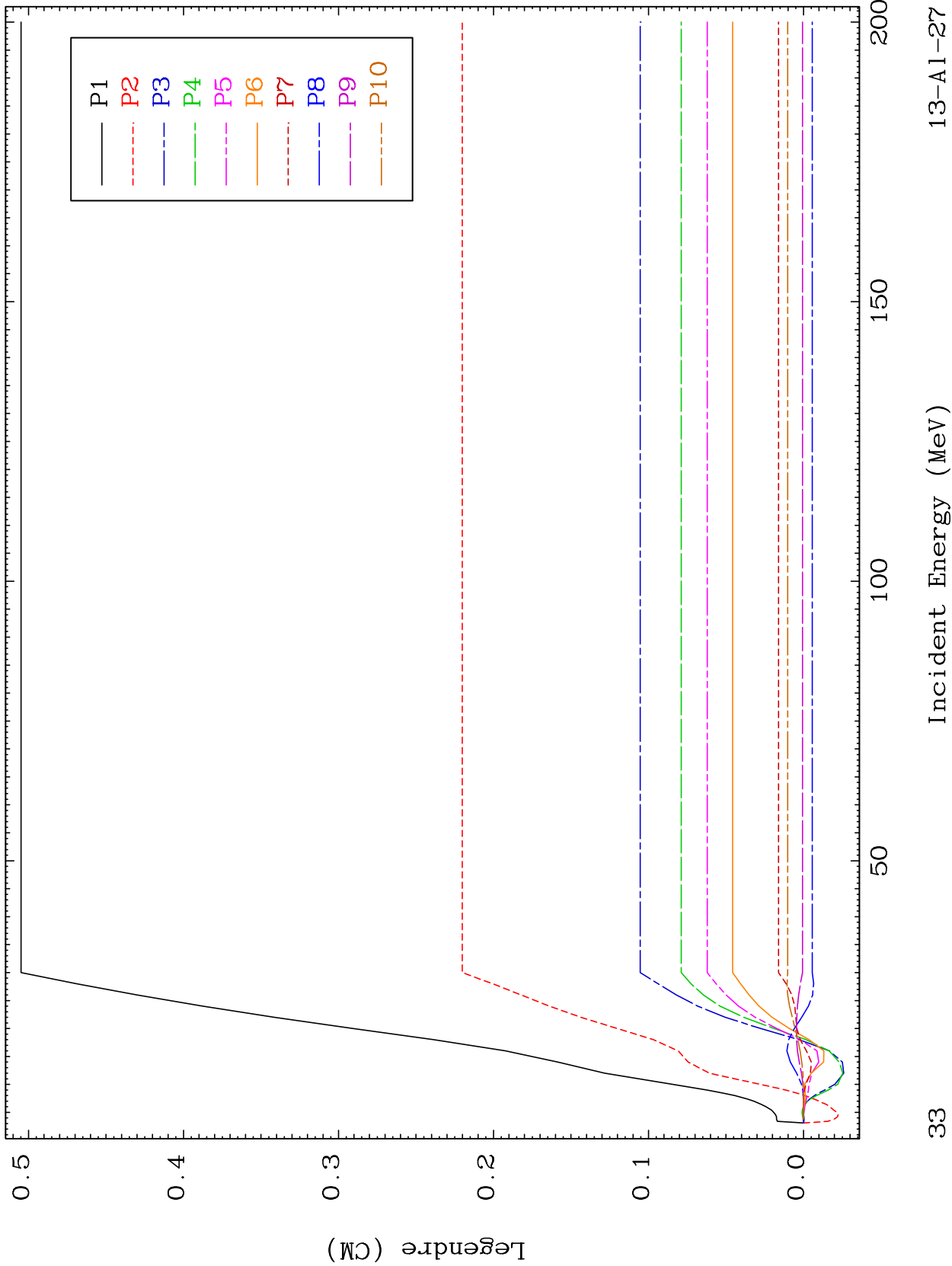
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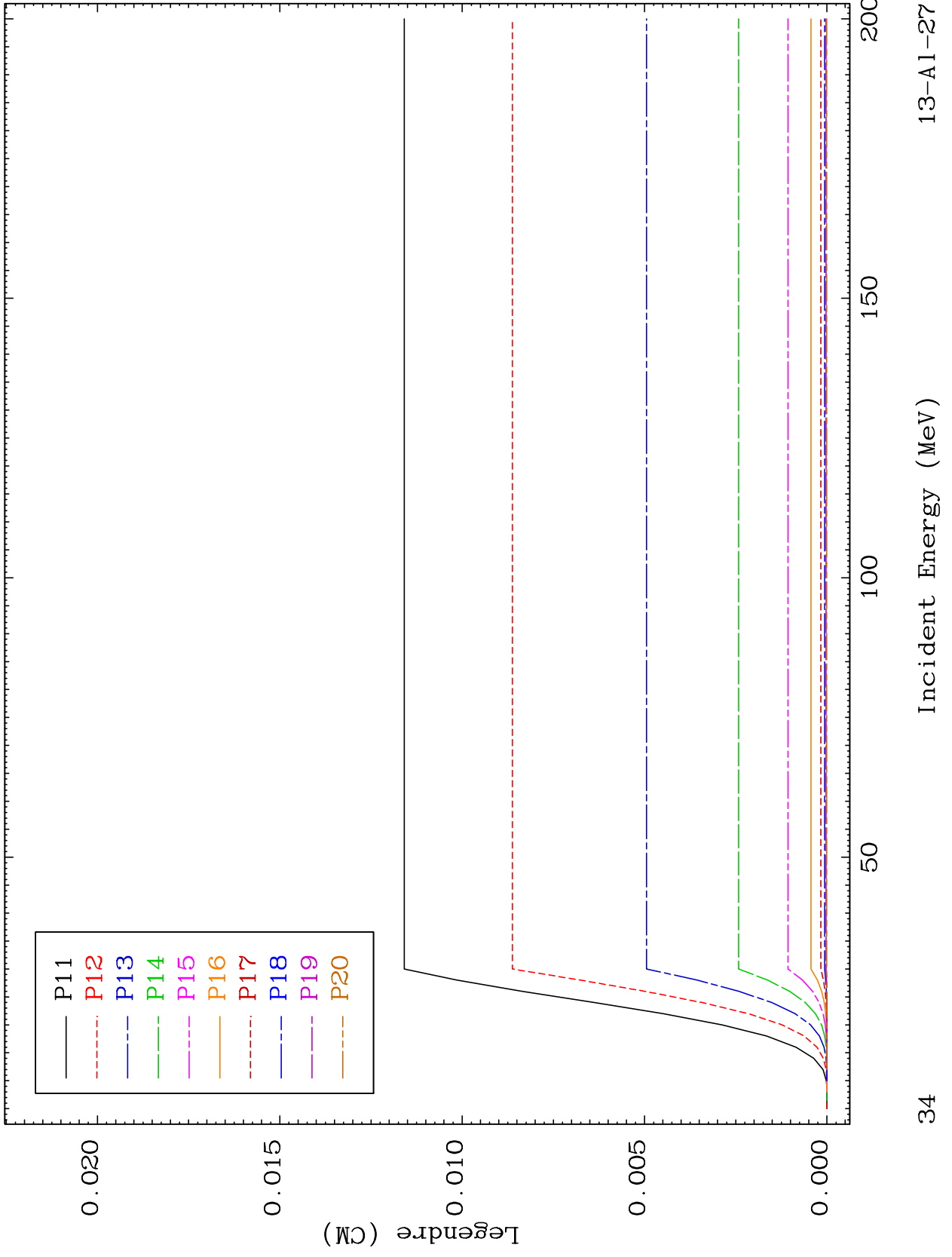


32

Incident Energy (MeV)

13-A1-27

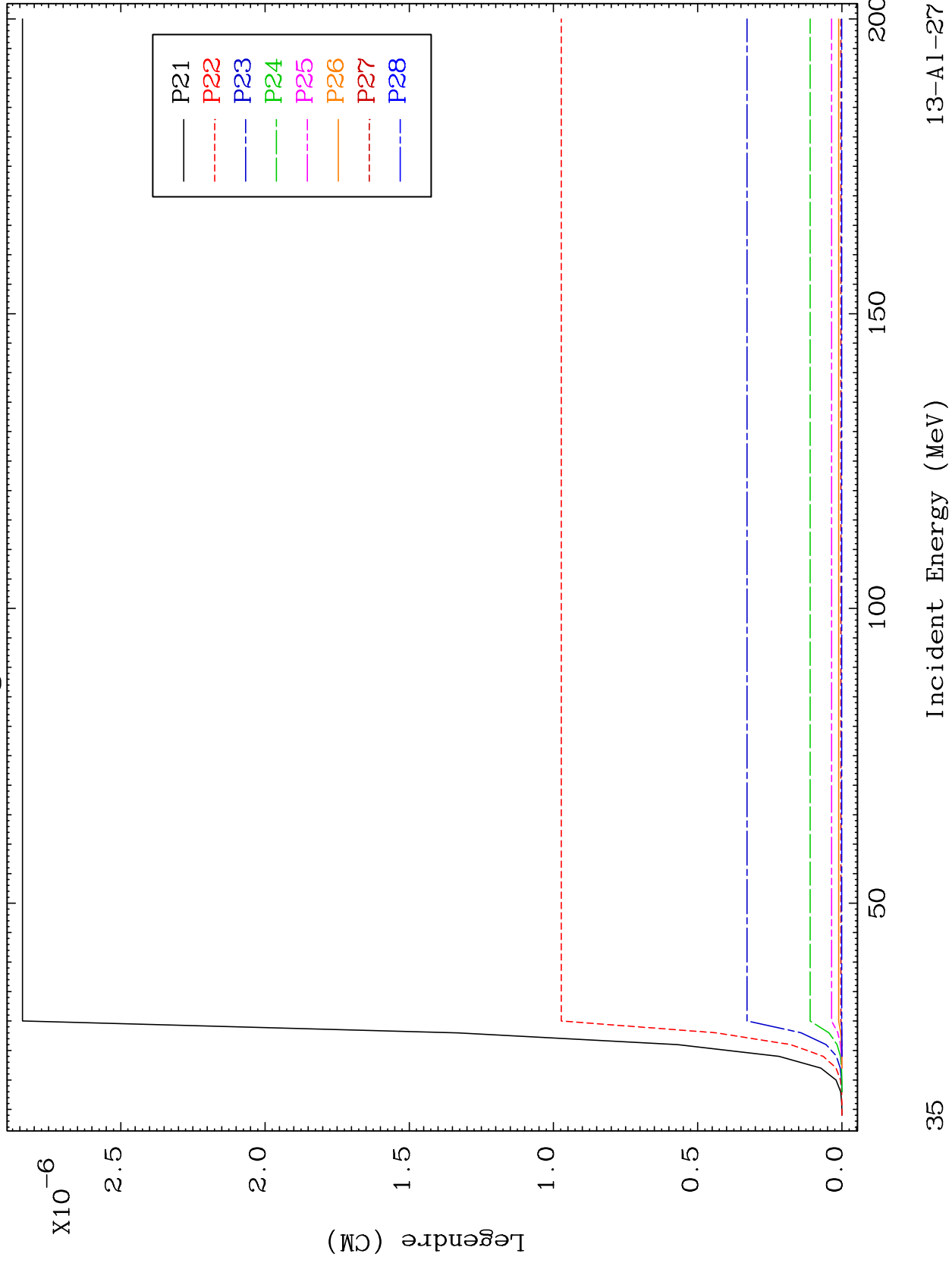




MAT 1325

2.982 MeV (n,n') Level  
Legendre Coefficients

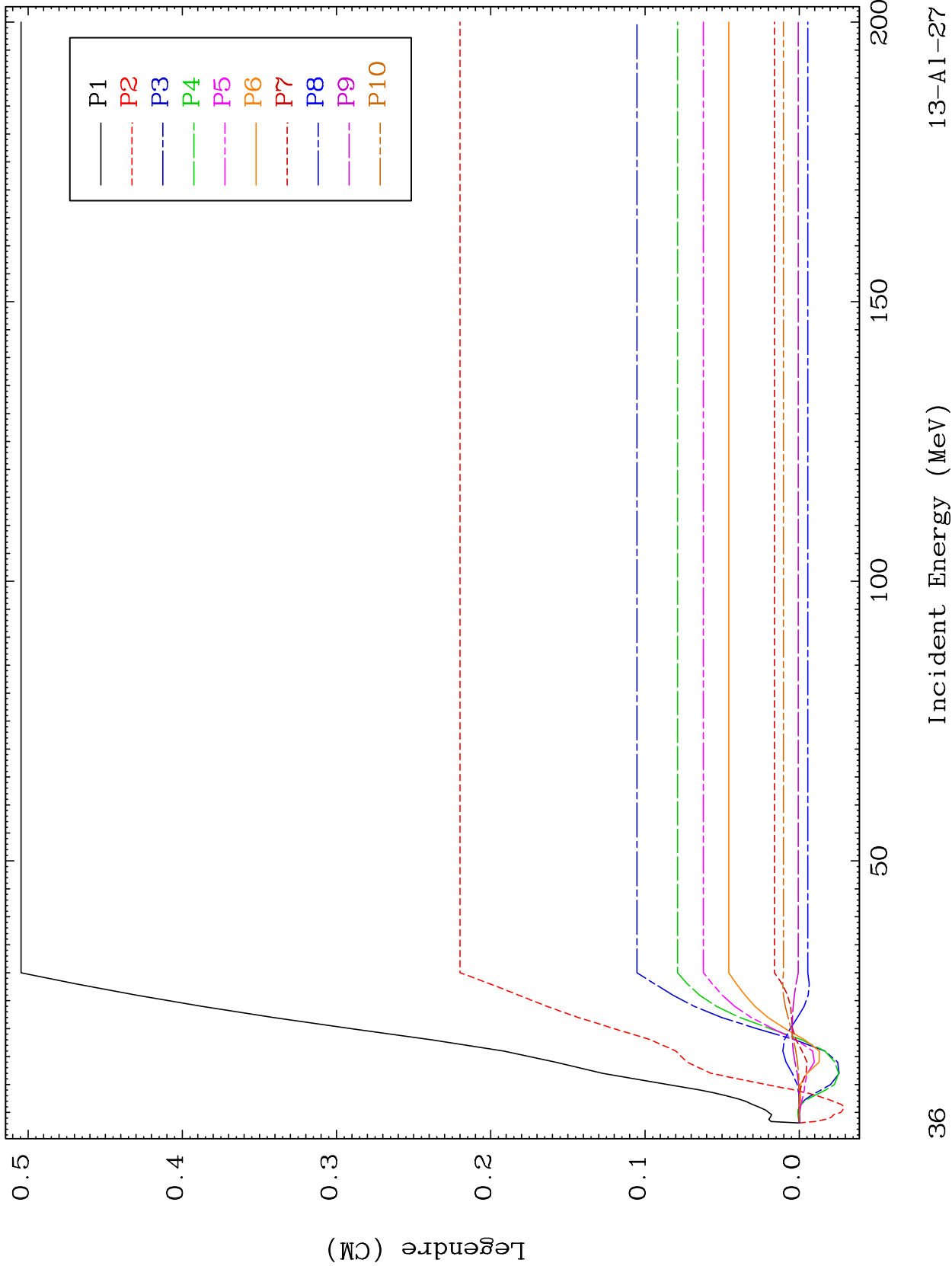
13-Al-27

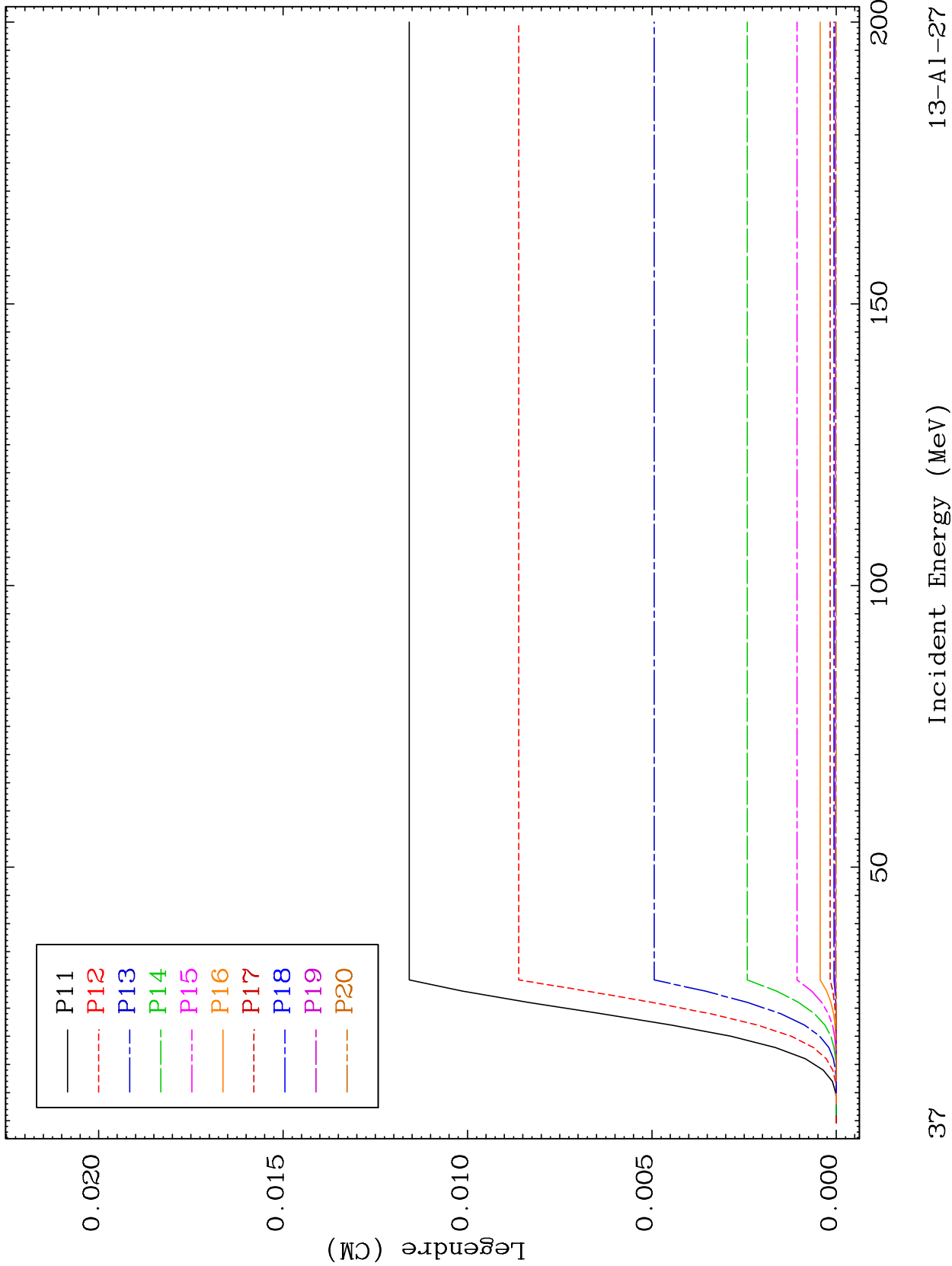


35

Incident Energy (MeV)

13-Al-27

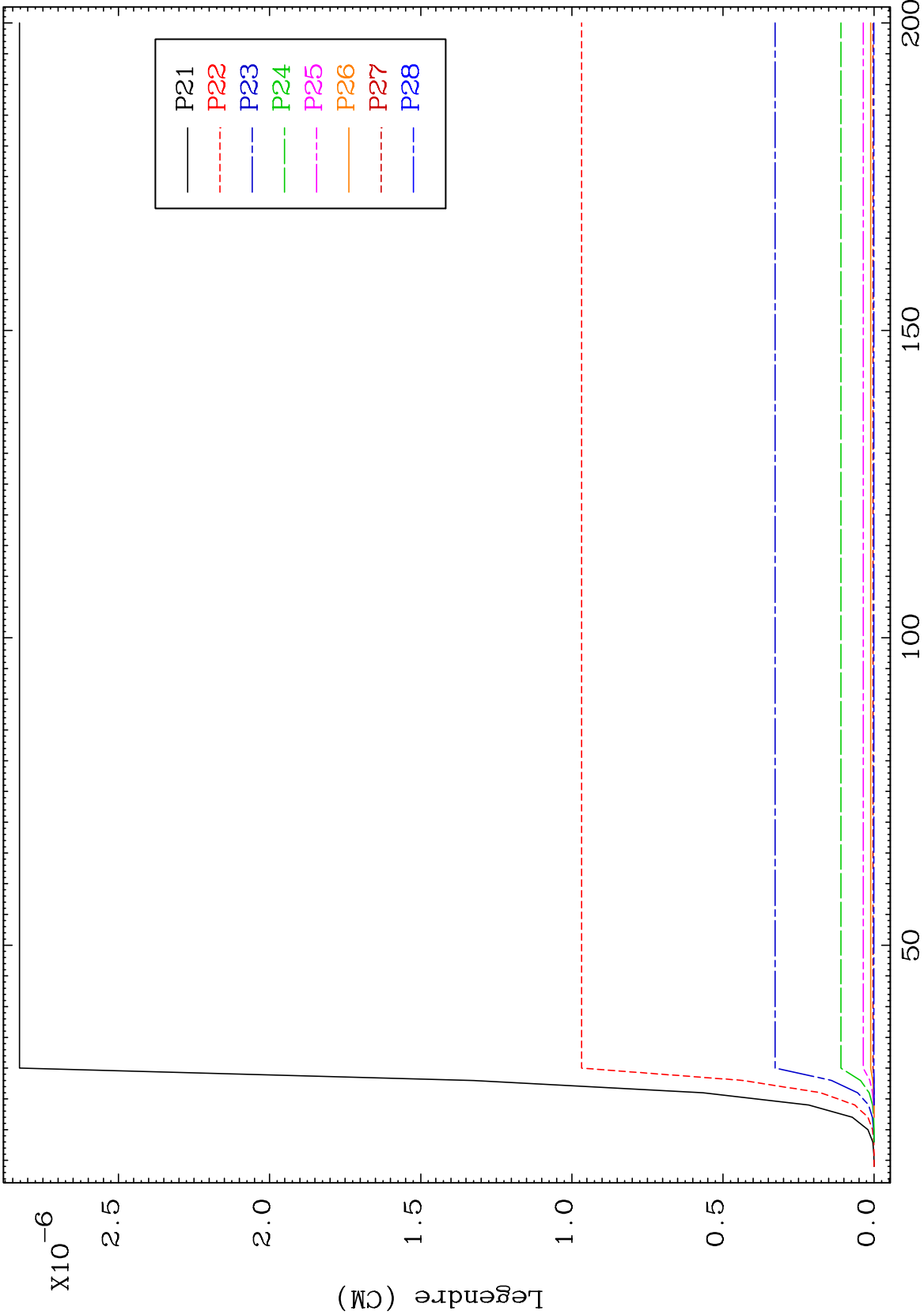




MAT 1325

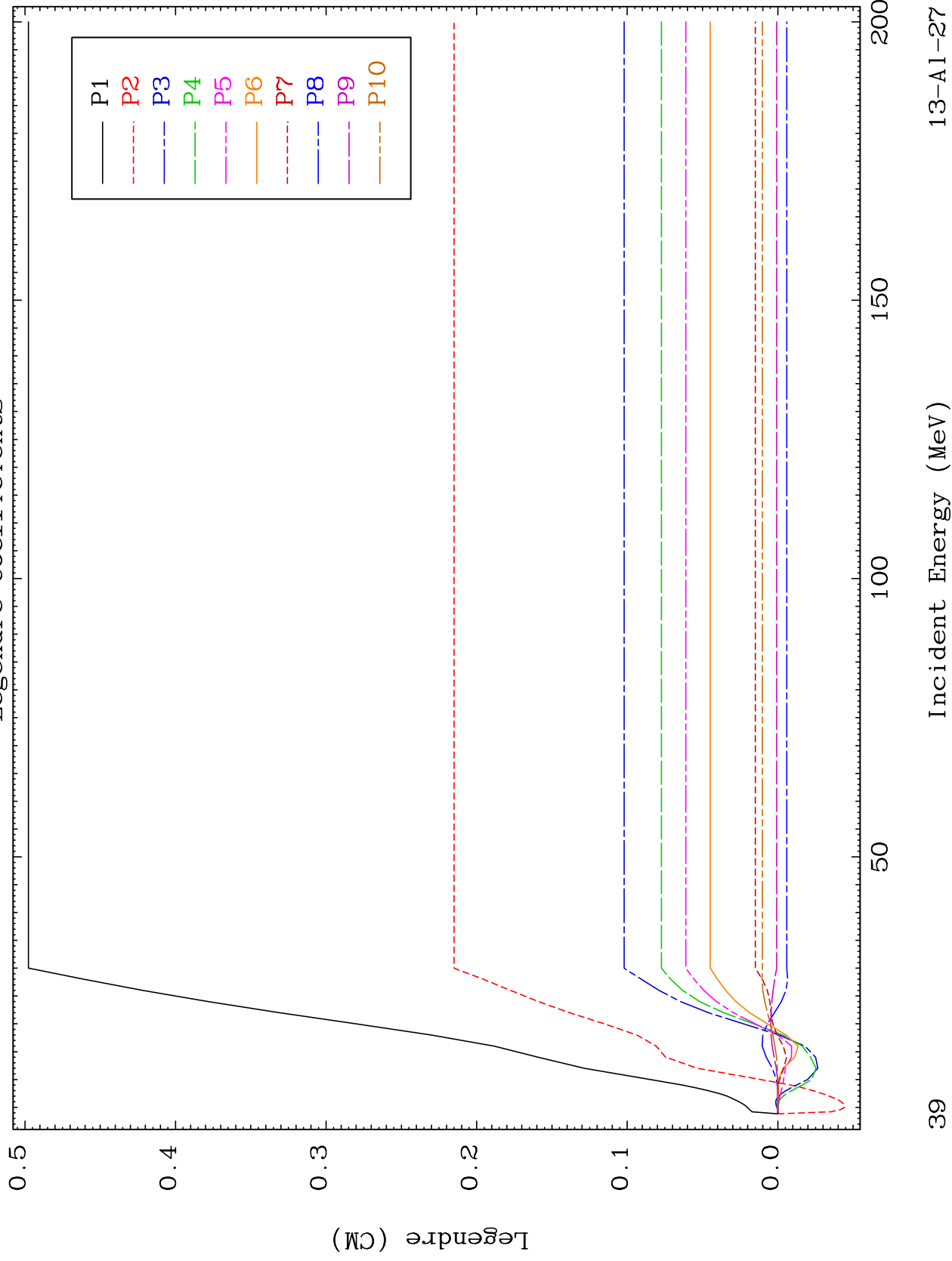
3.004 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



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13-A1-27

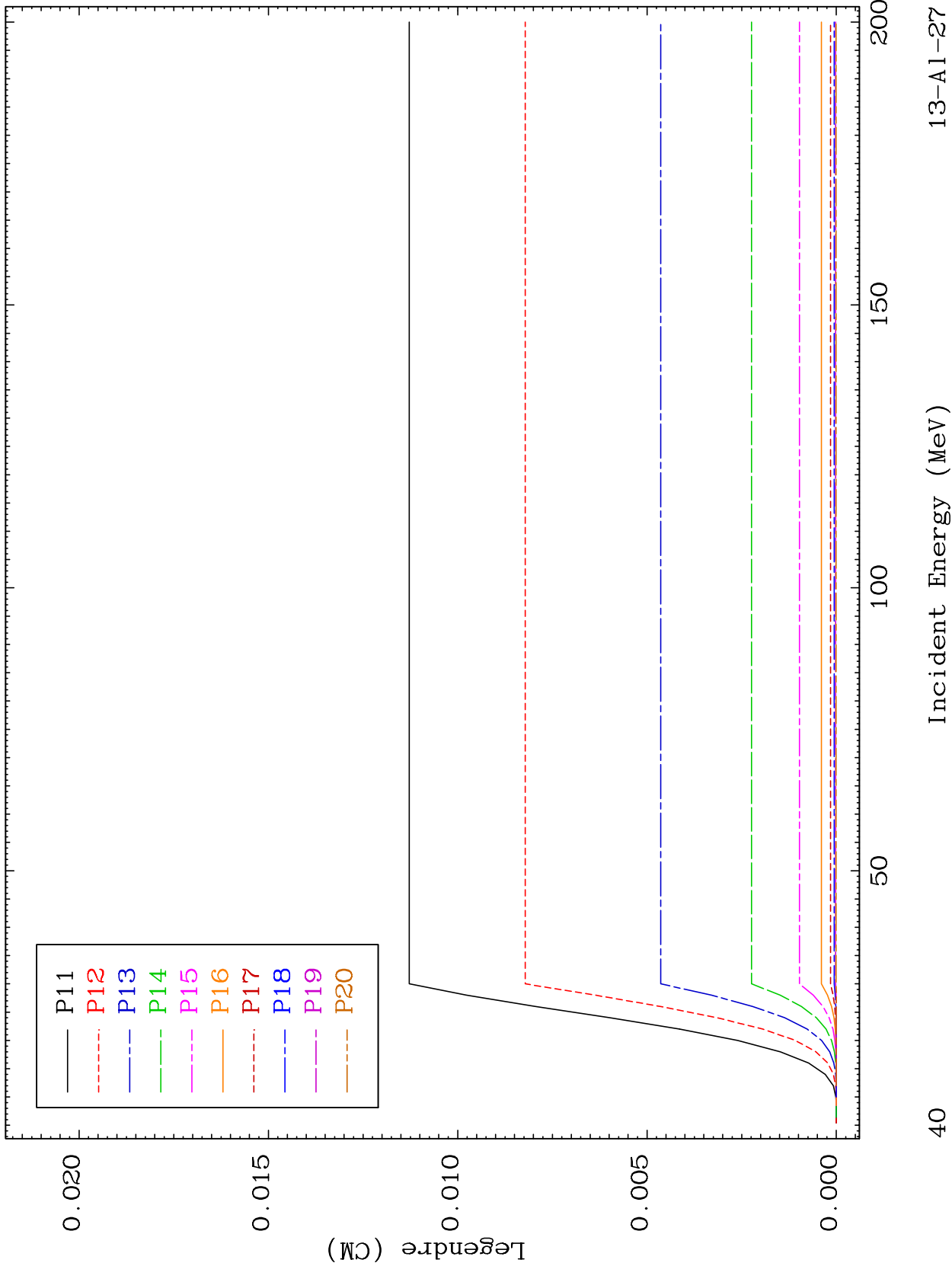




MAT 1325

3.680 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



13-A1-27

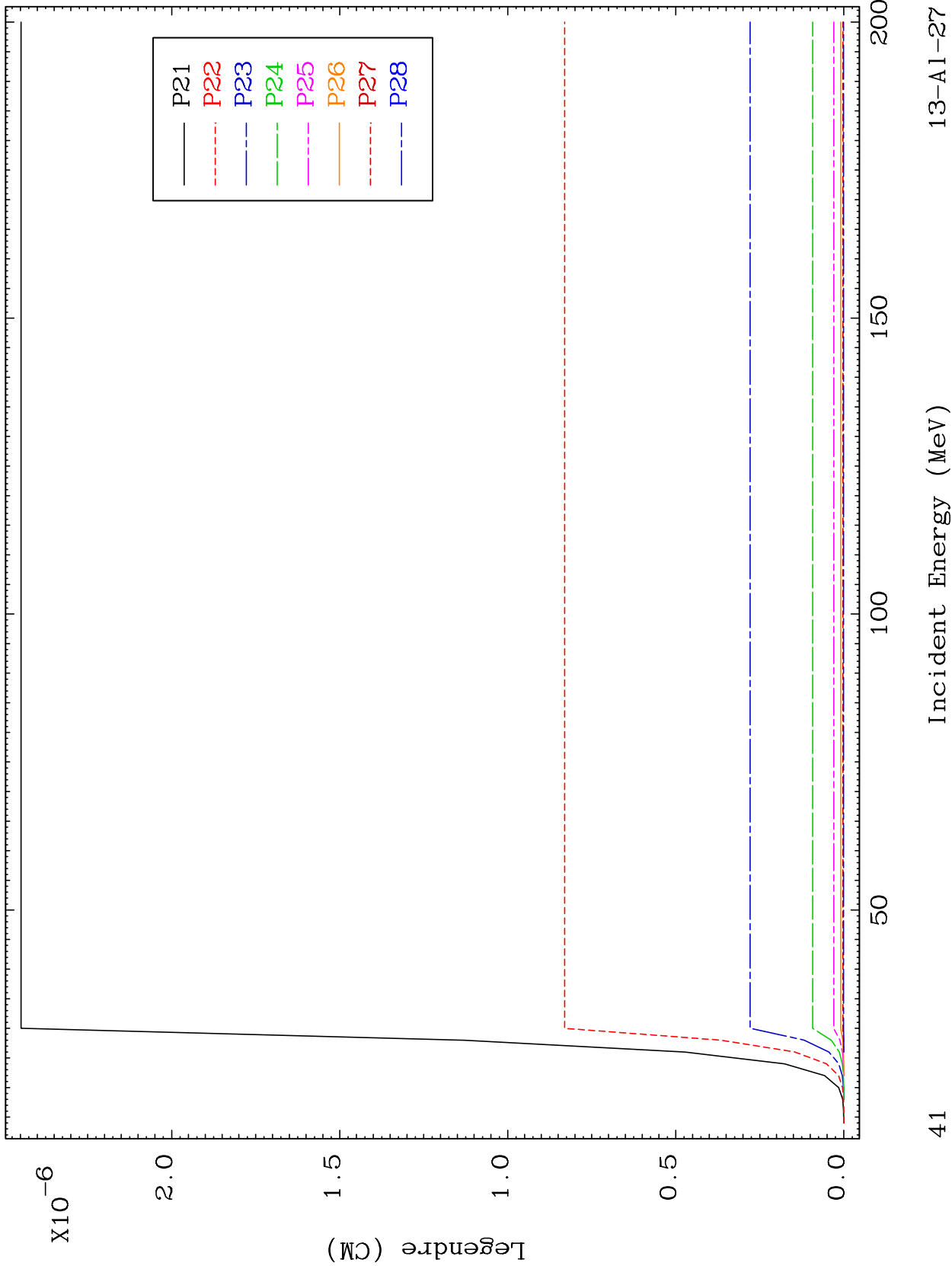
Incident Energy (MeV)

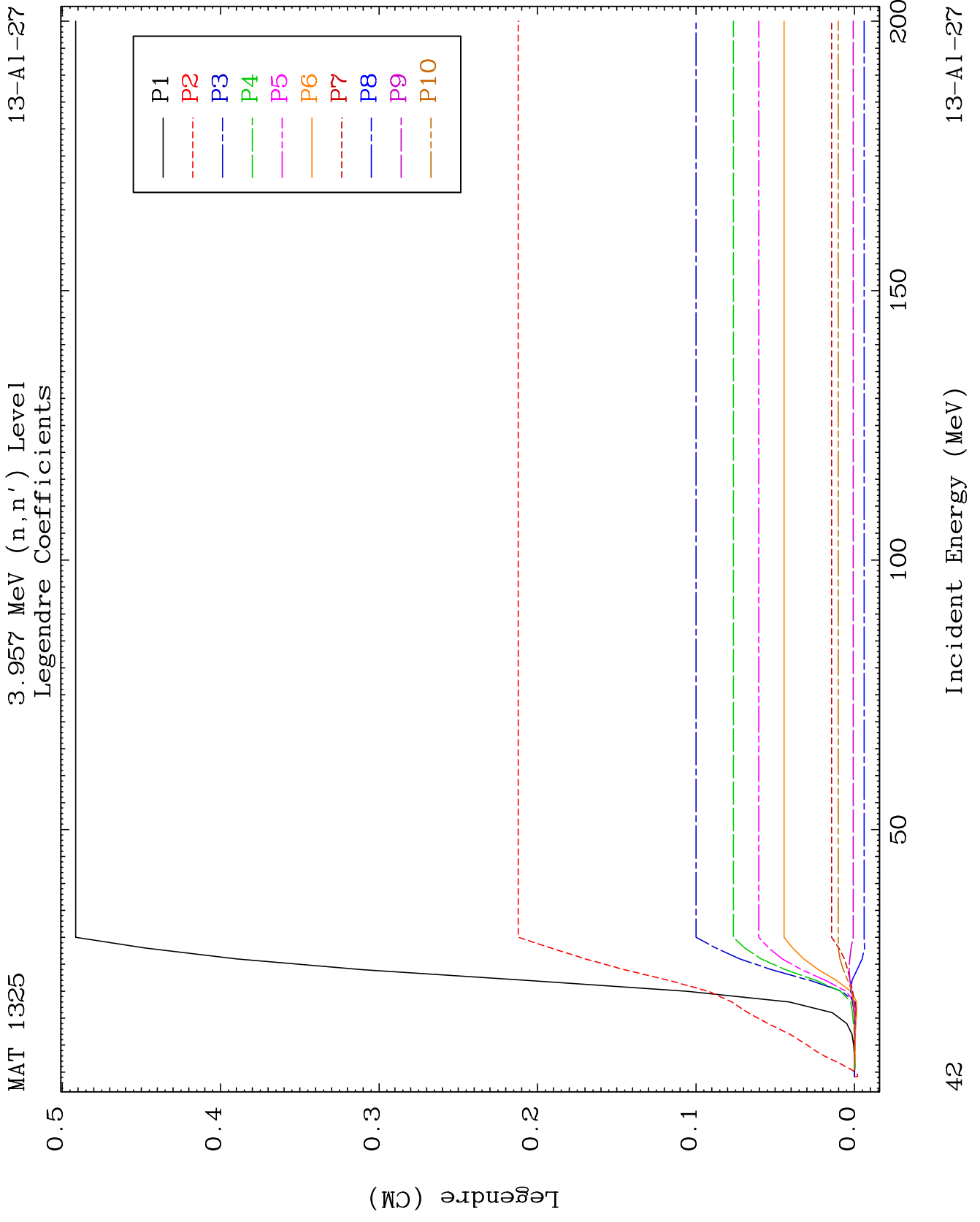
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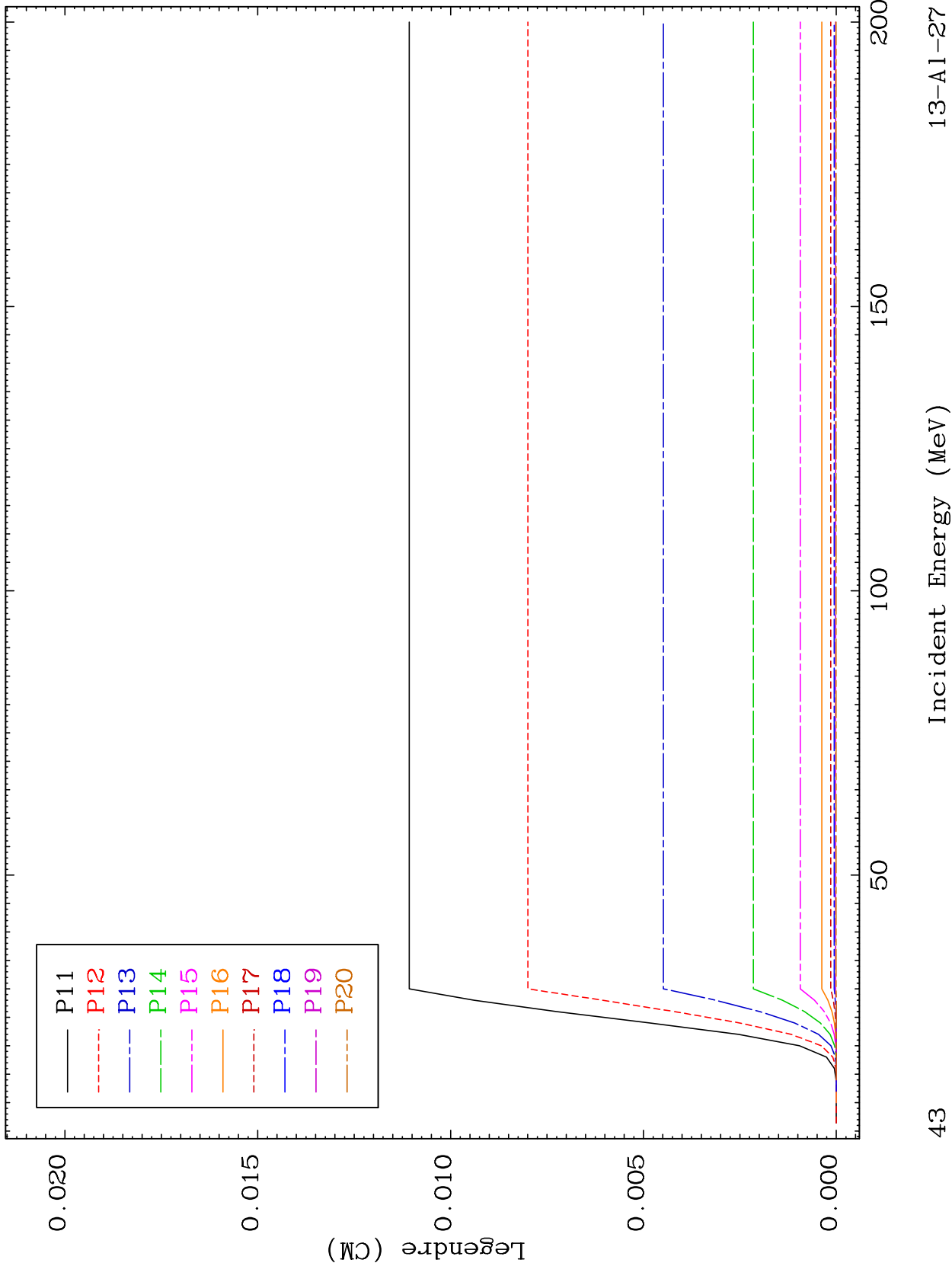
MAT 1325

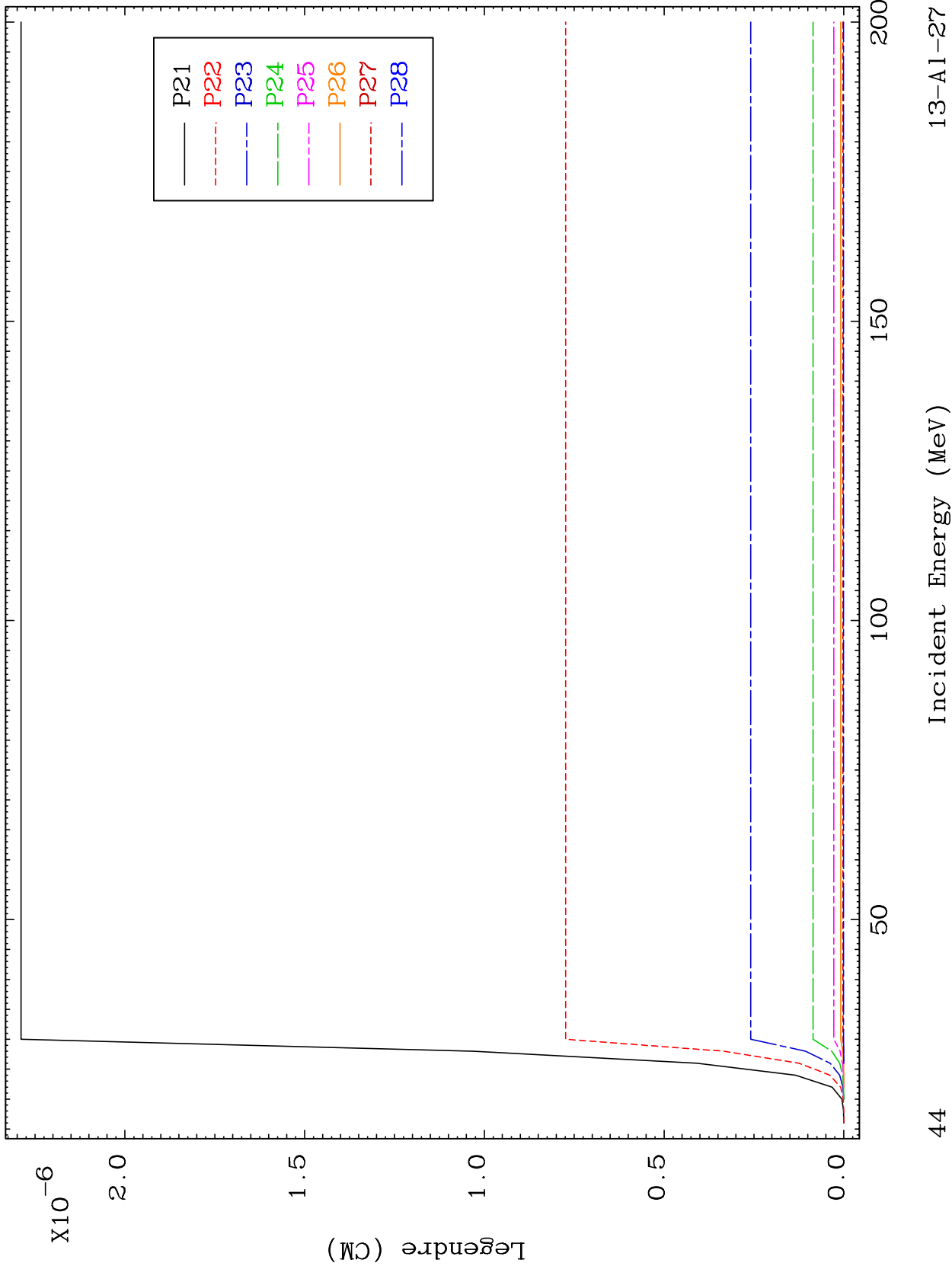
3.680 MeV (n,n') Level  
Legendre Coefficients

13-A1-27

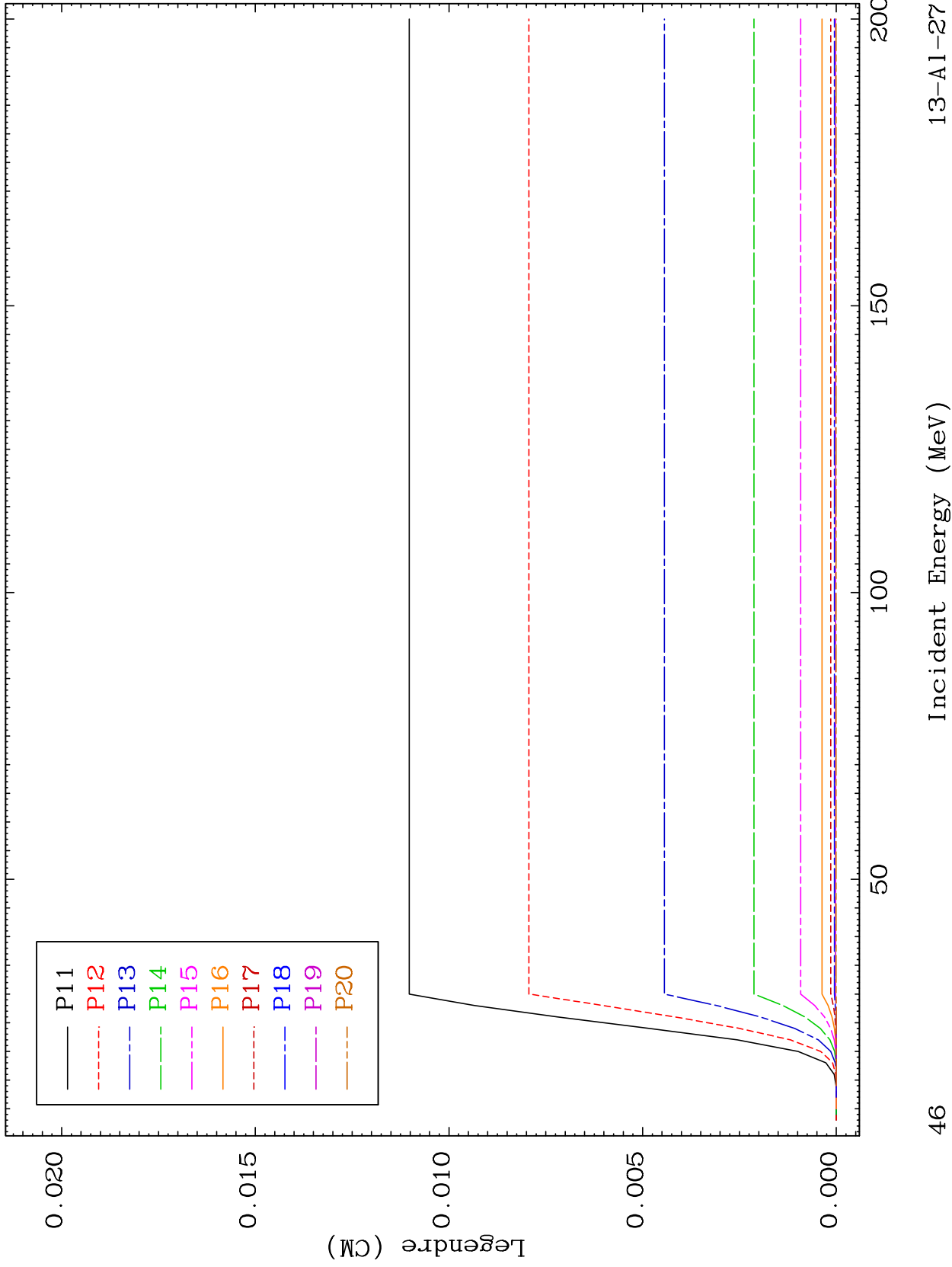








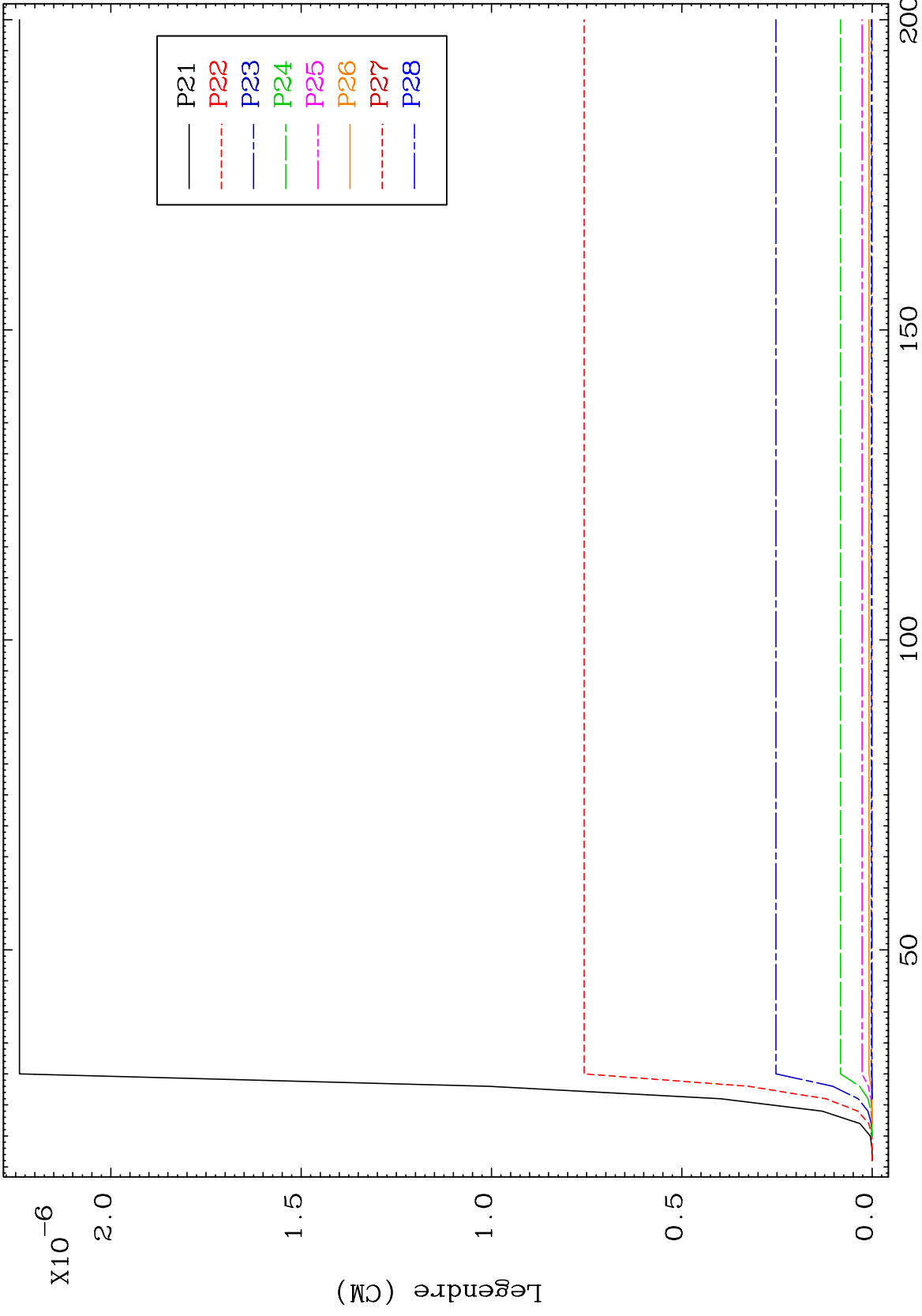




MAT 1325

4.055 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



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Incident Energy (MeV)

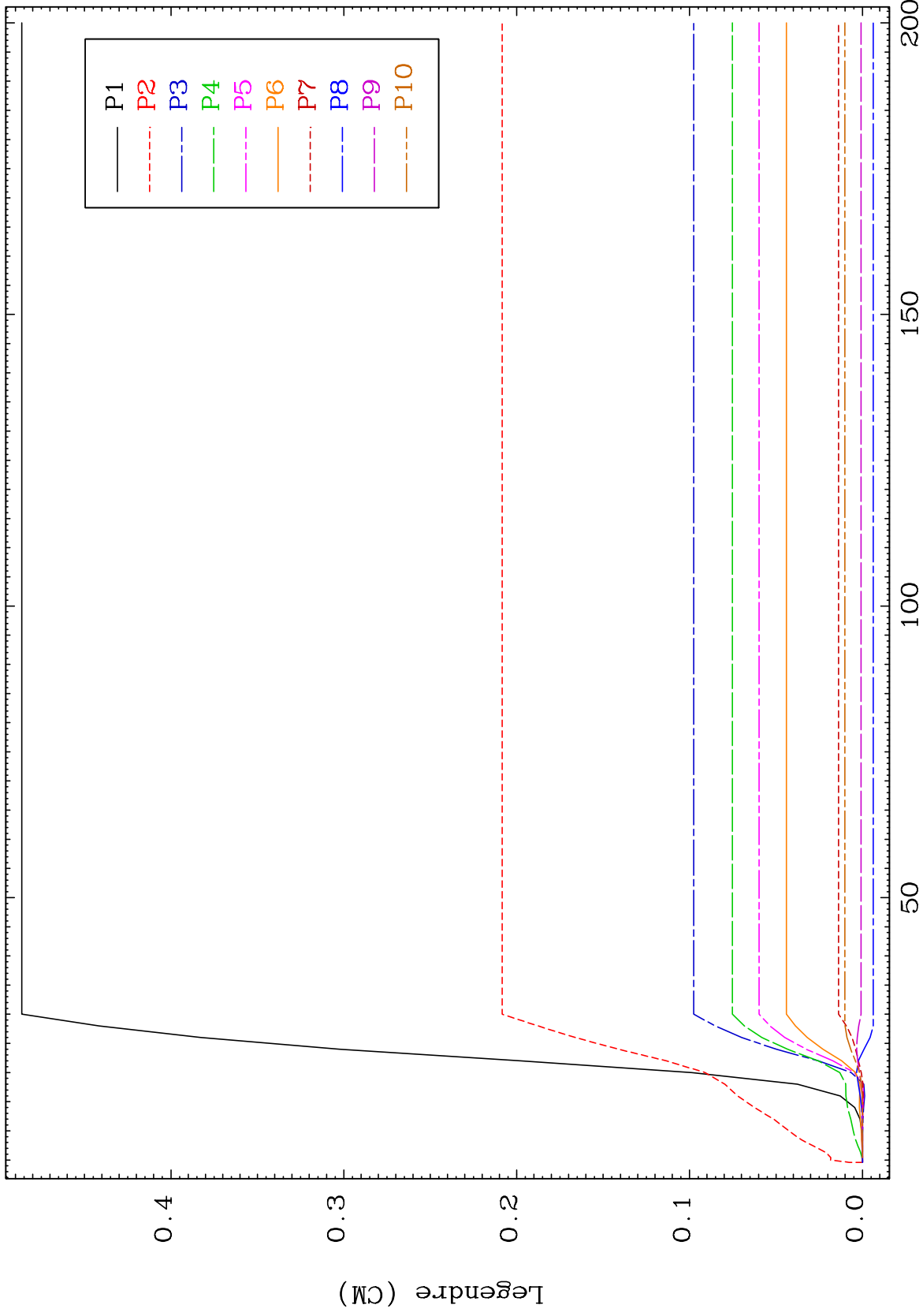
13-A1-27



MAT 1325

4.410 MeV (n,n') Level  
Legendre Coefficients

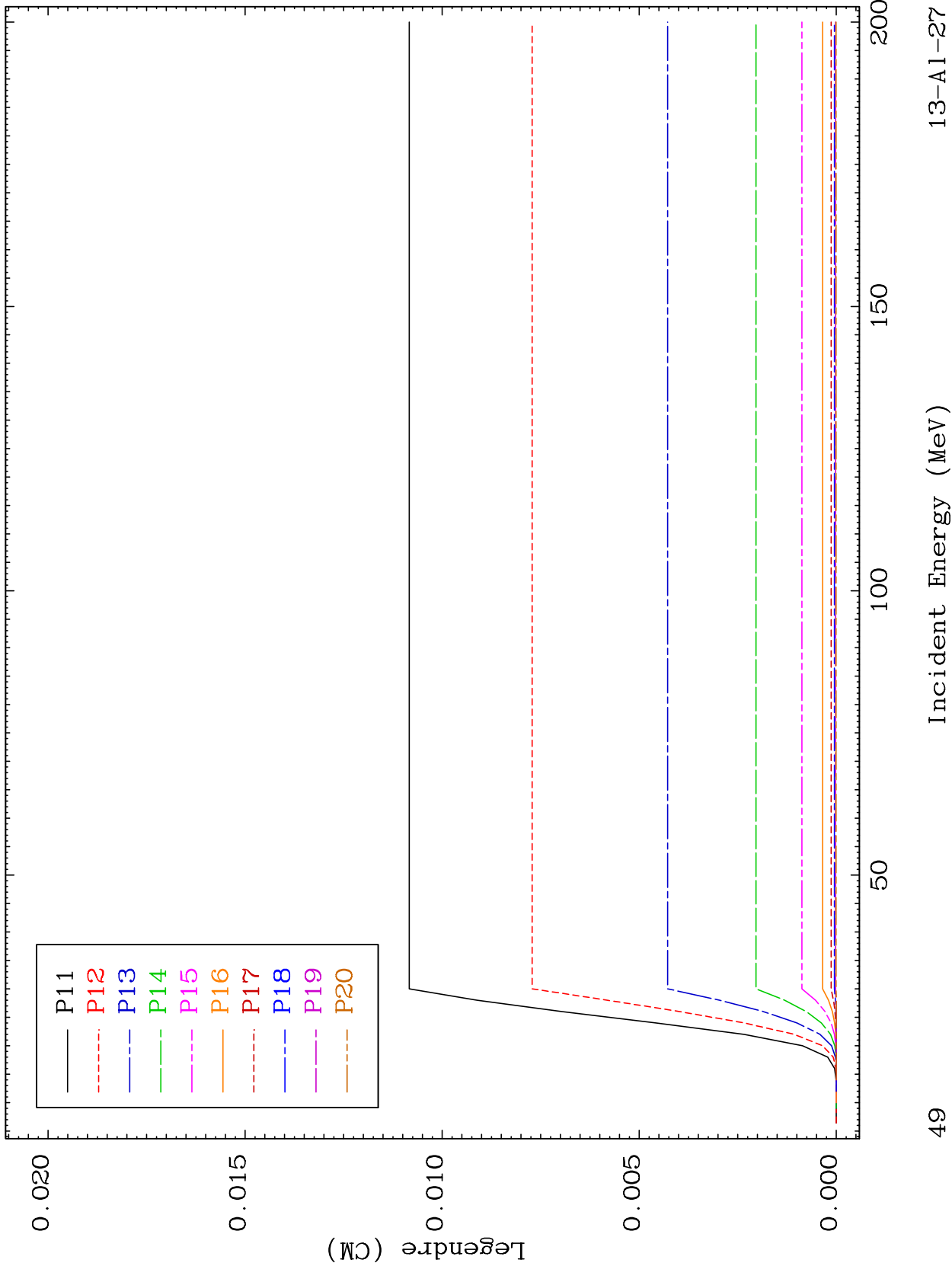
13-A1-27



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Incident Energy (MeV)

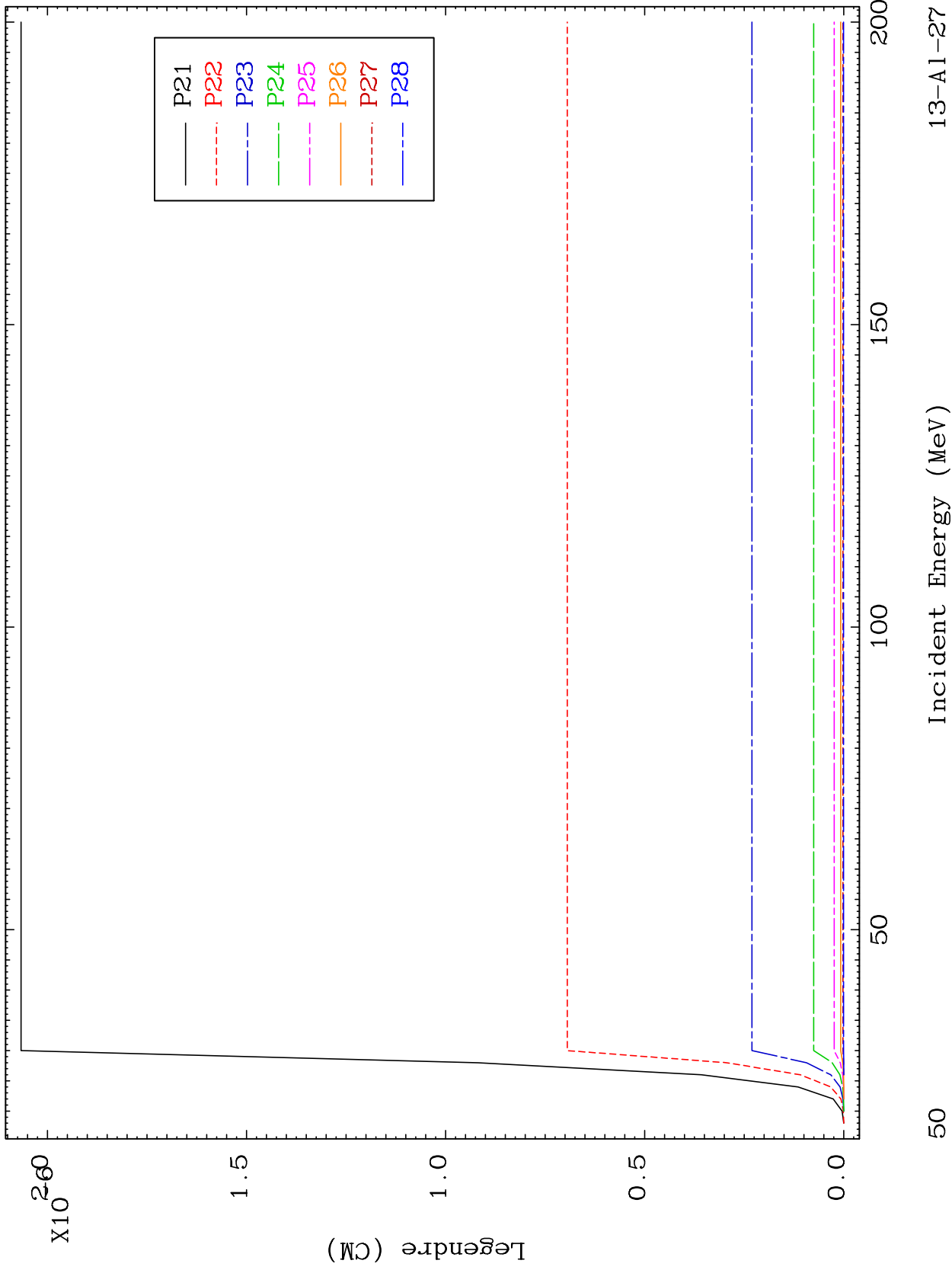
13-A1-27



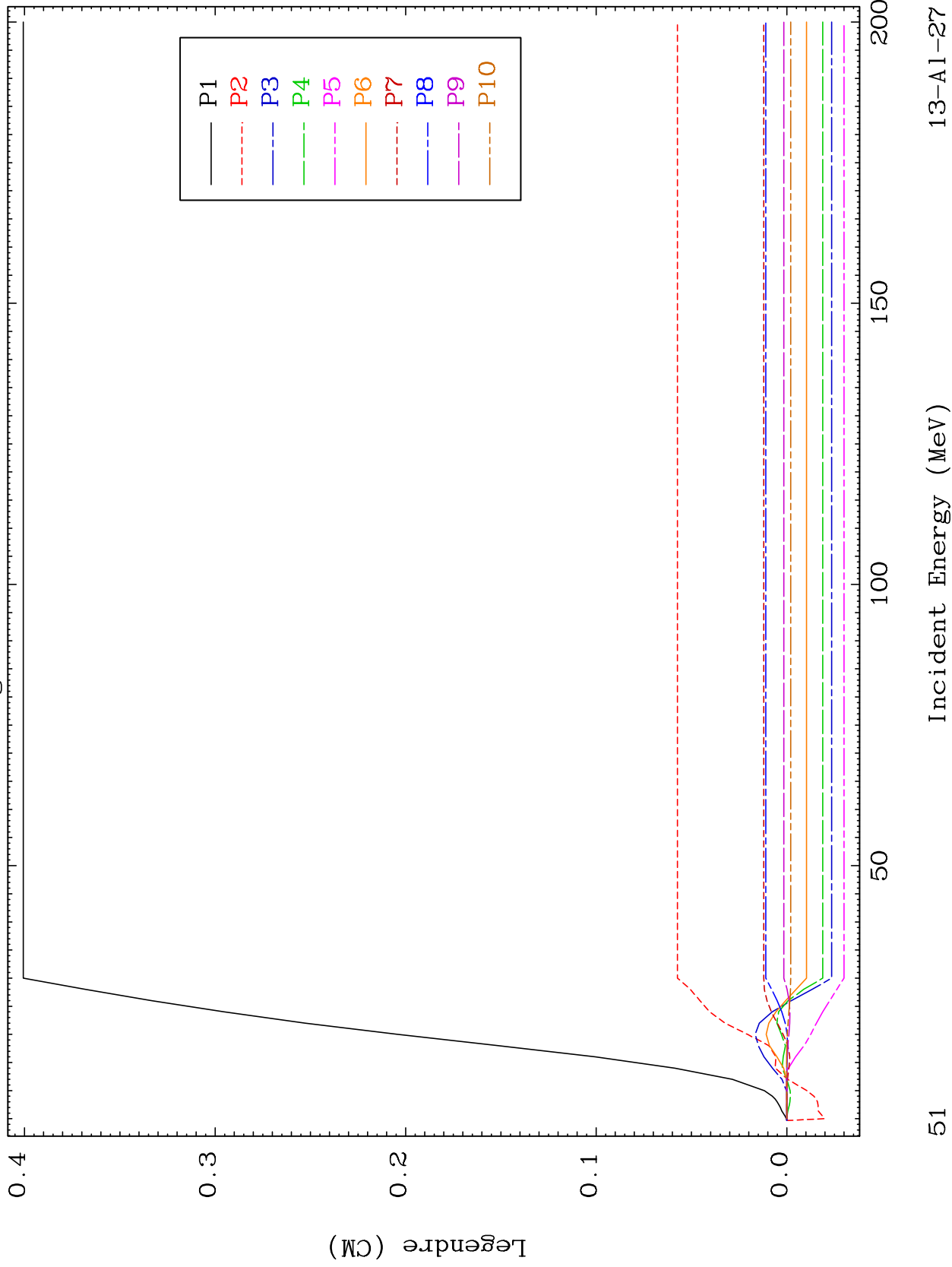
MAT 1325

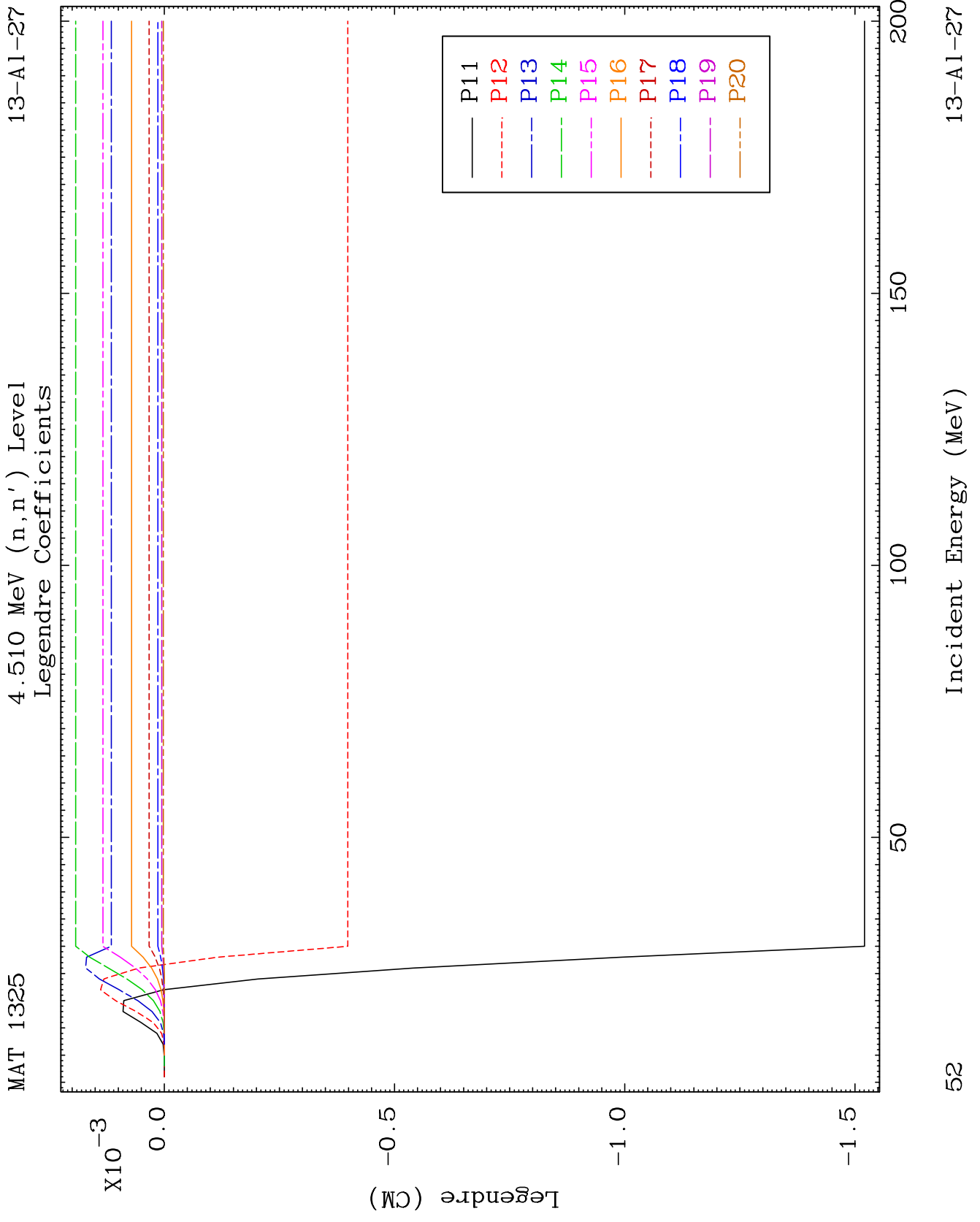
4.410 MeV (n,n') Level  
Legendre Coefficients

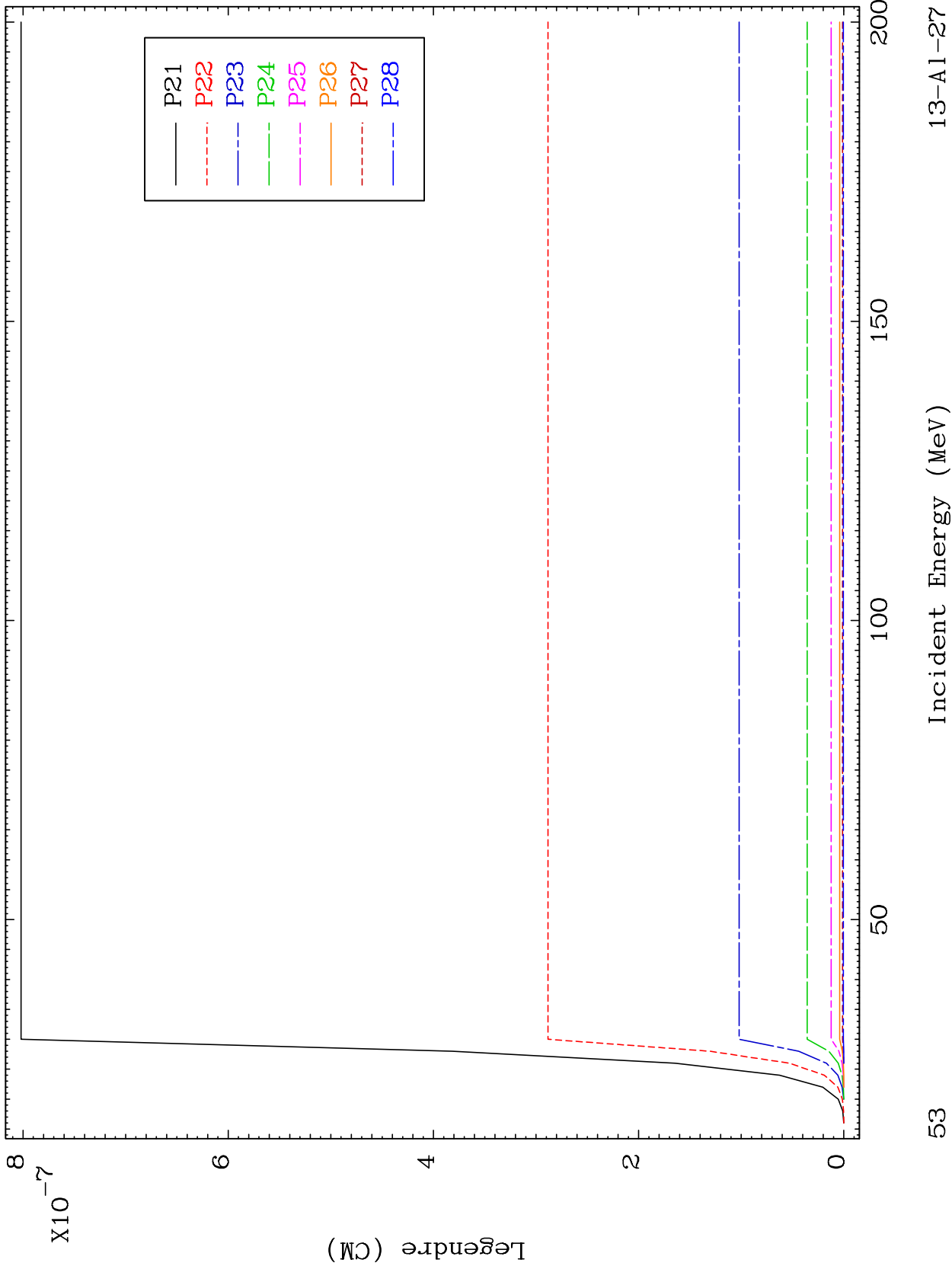
13-Al-27

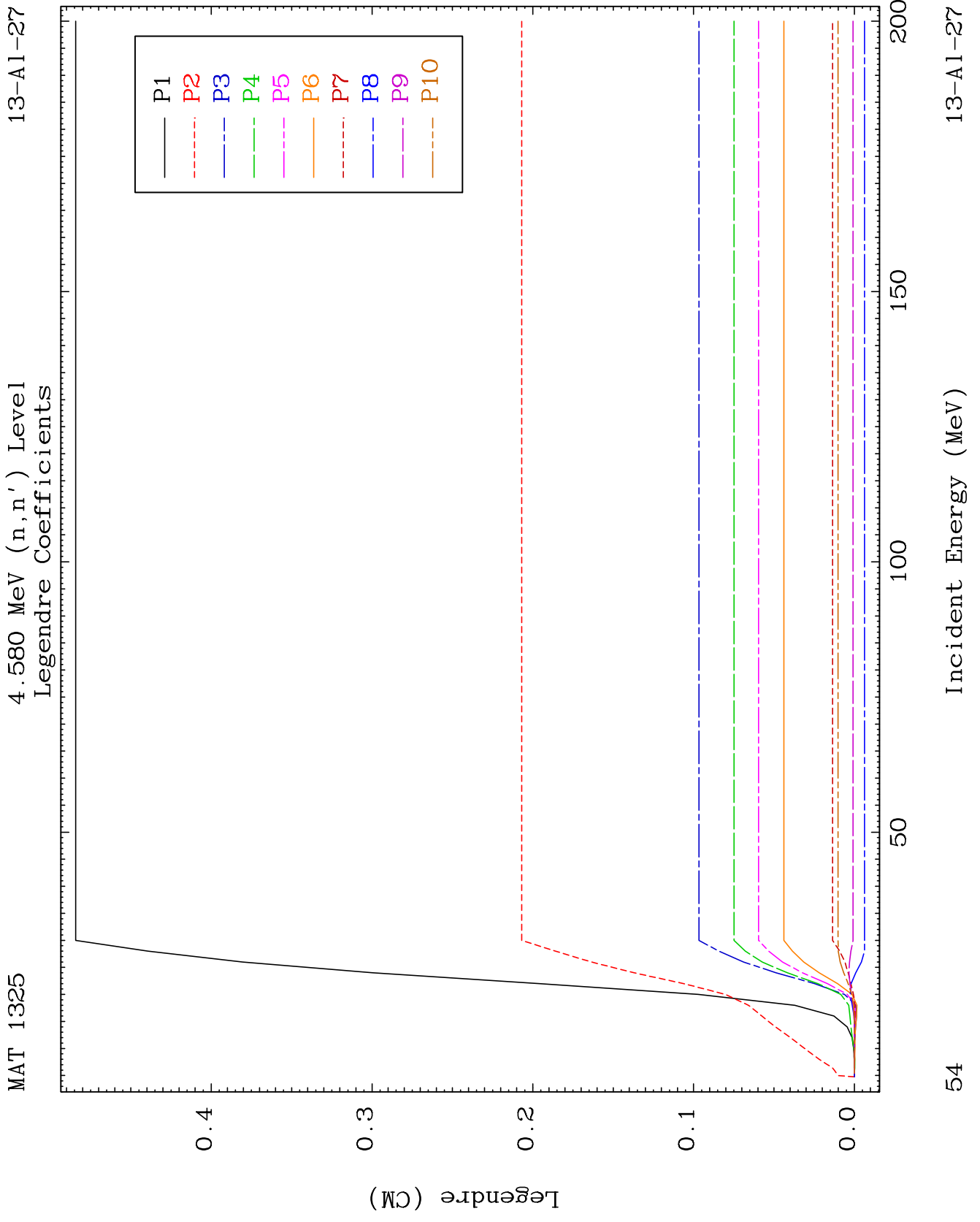


13-Al-27





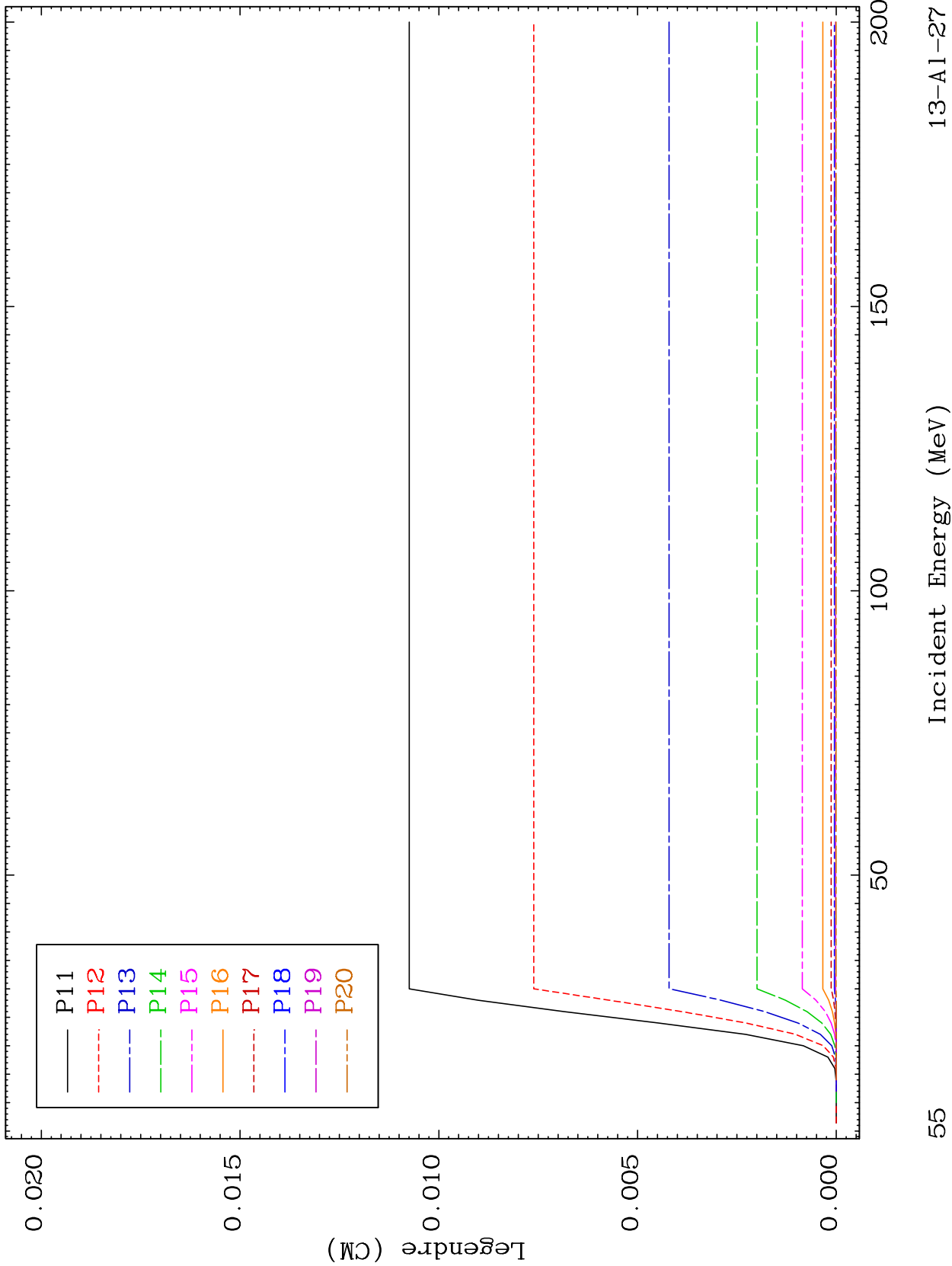




MAT 1325

4.580 MeV (n,n') Level  
Legendre Coefficients

13-A1-27

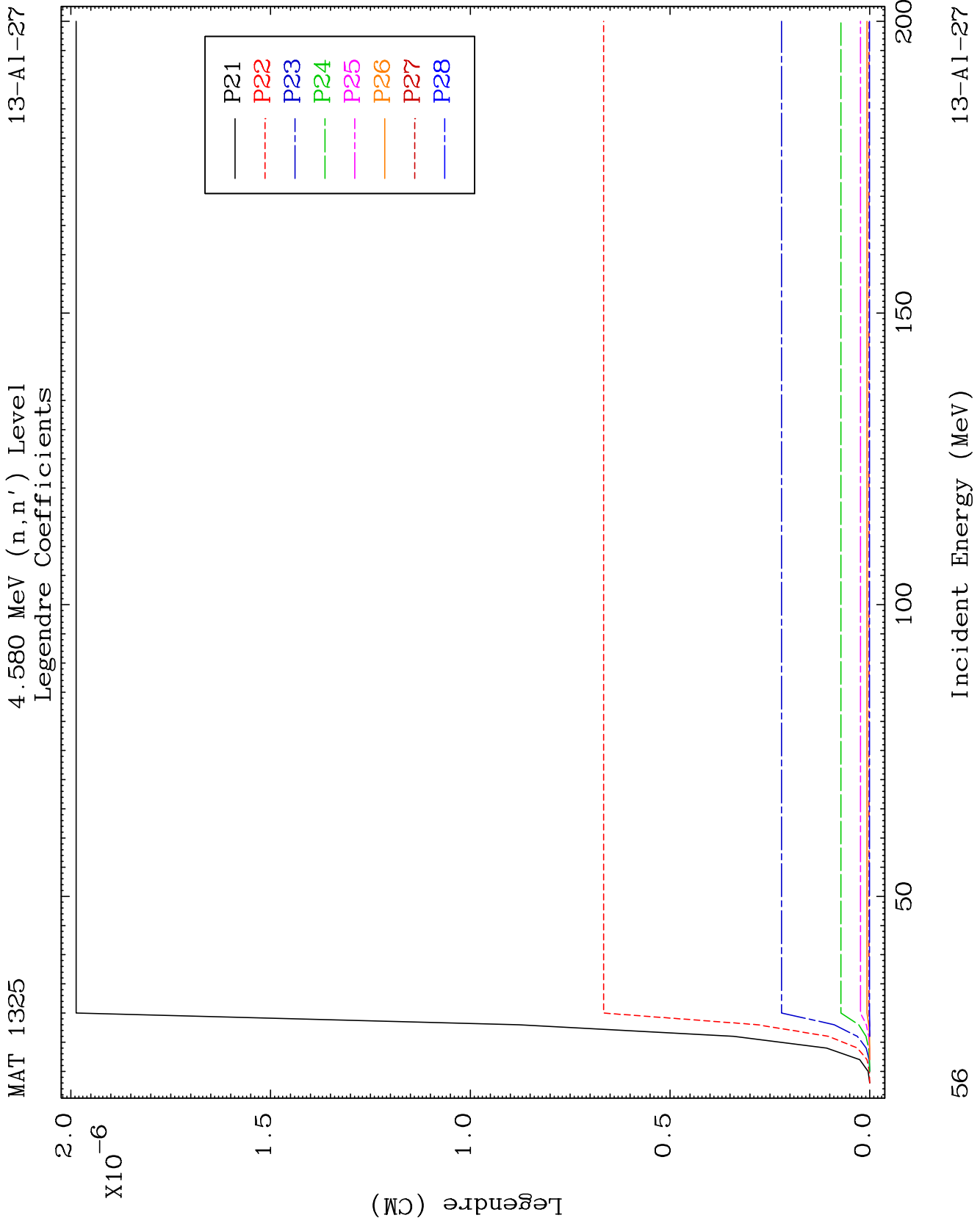


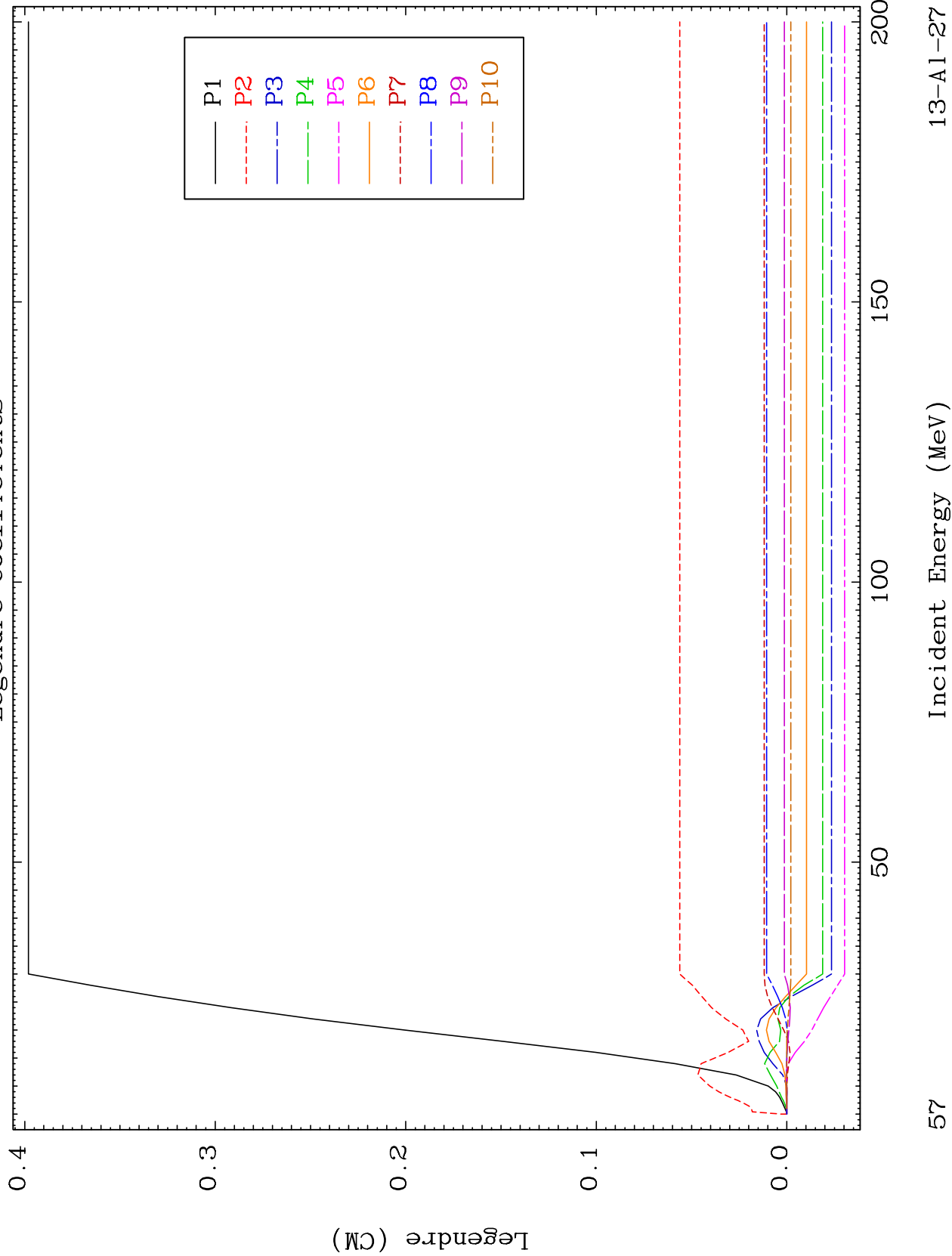
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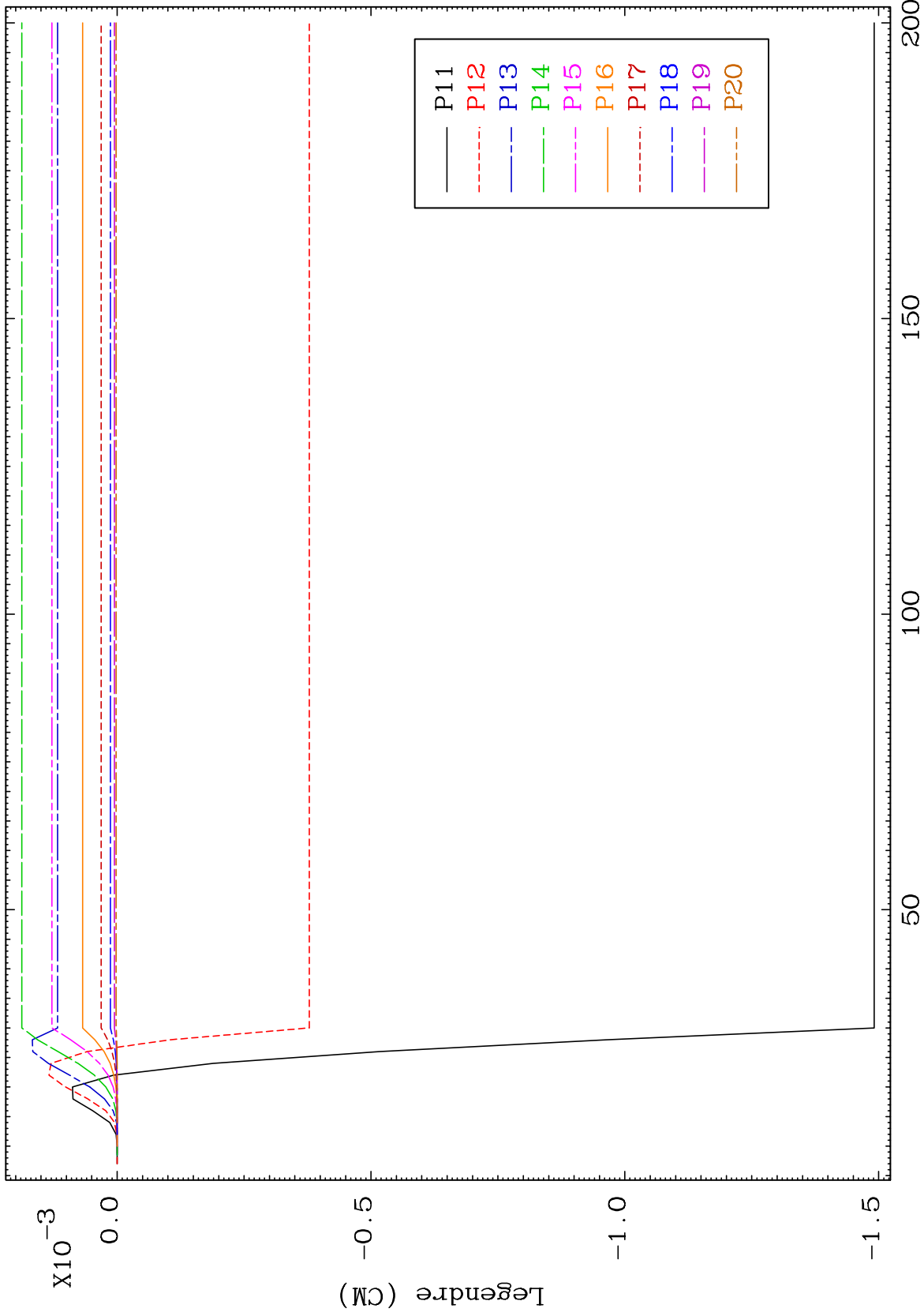
Incident Energy (MeV)

13-A1-27





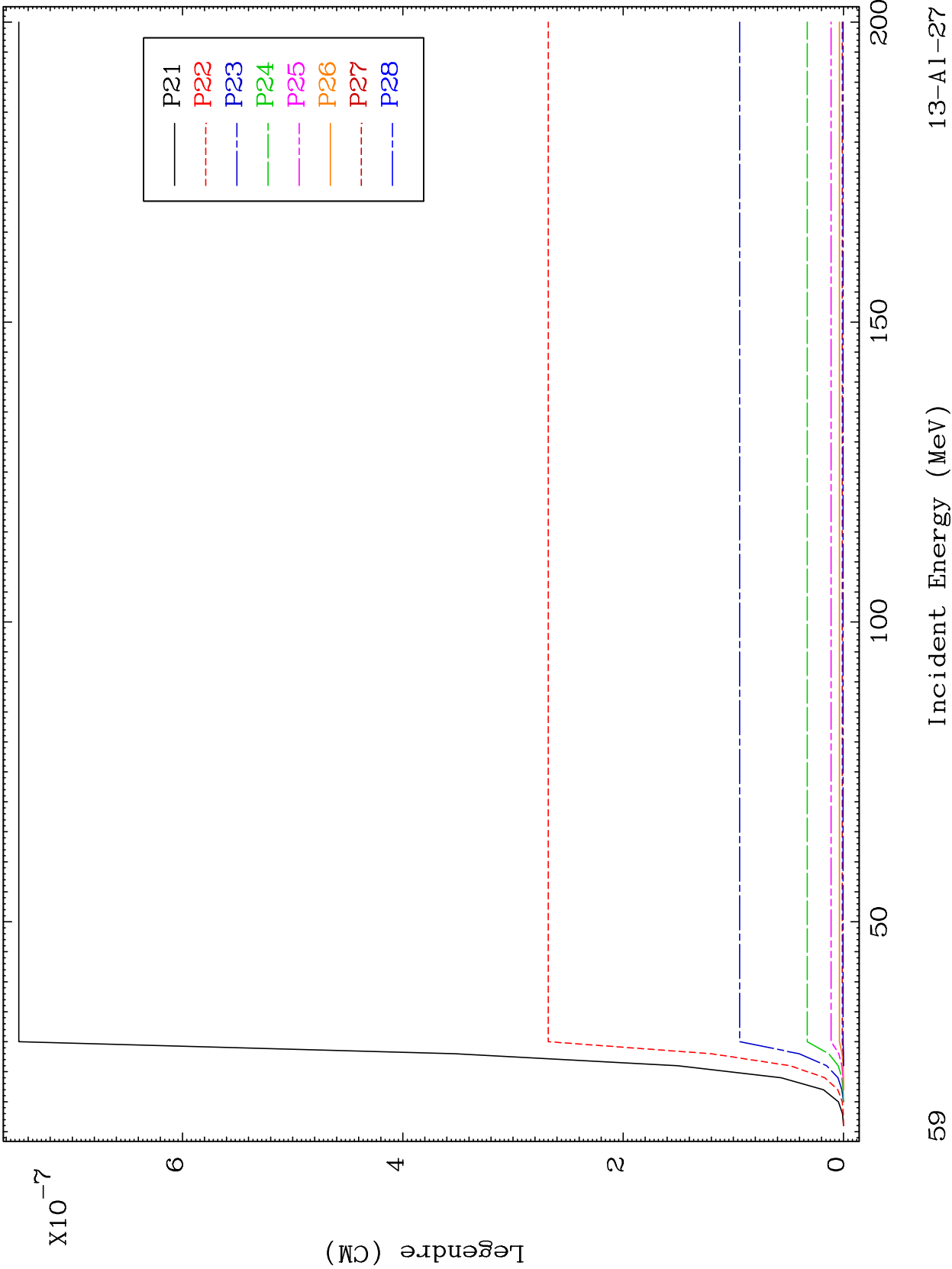




MAT 1325

4.812 MeV (n,n') Level  
Legendre Coefficients

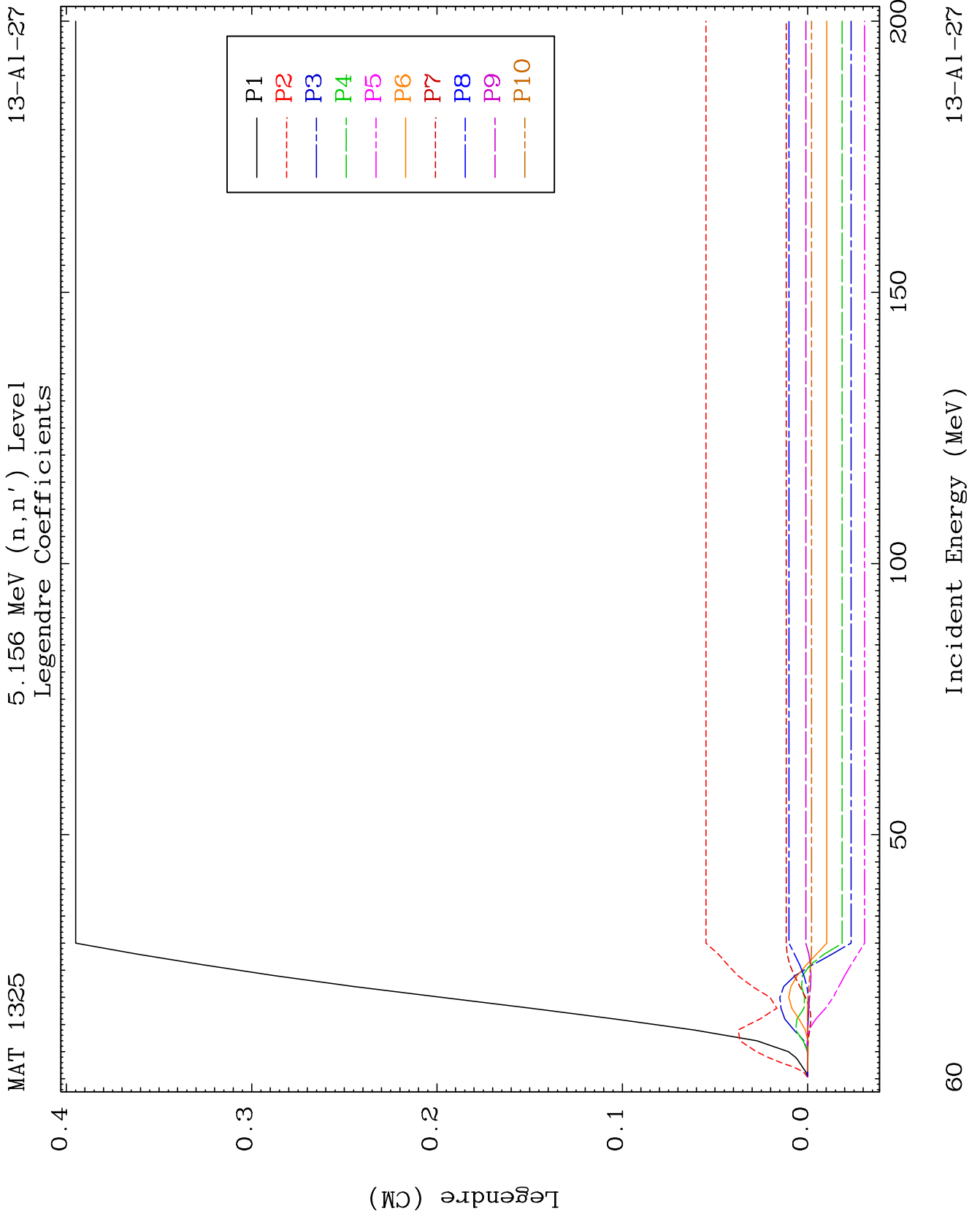
13-Al-27

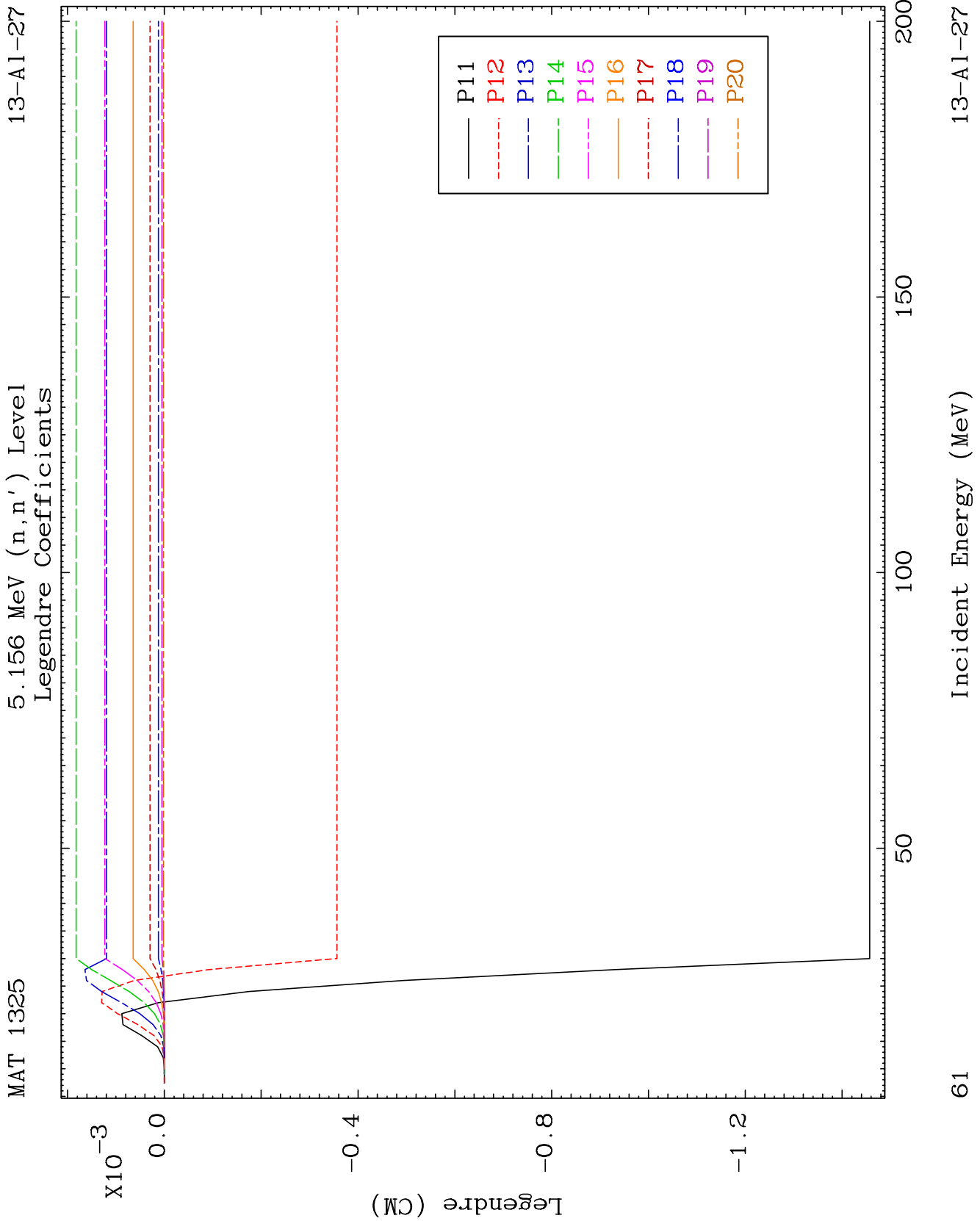


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100 150 200

13-Al-27

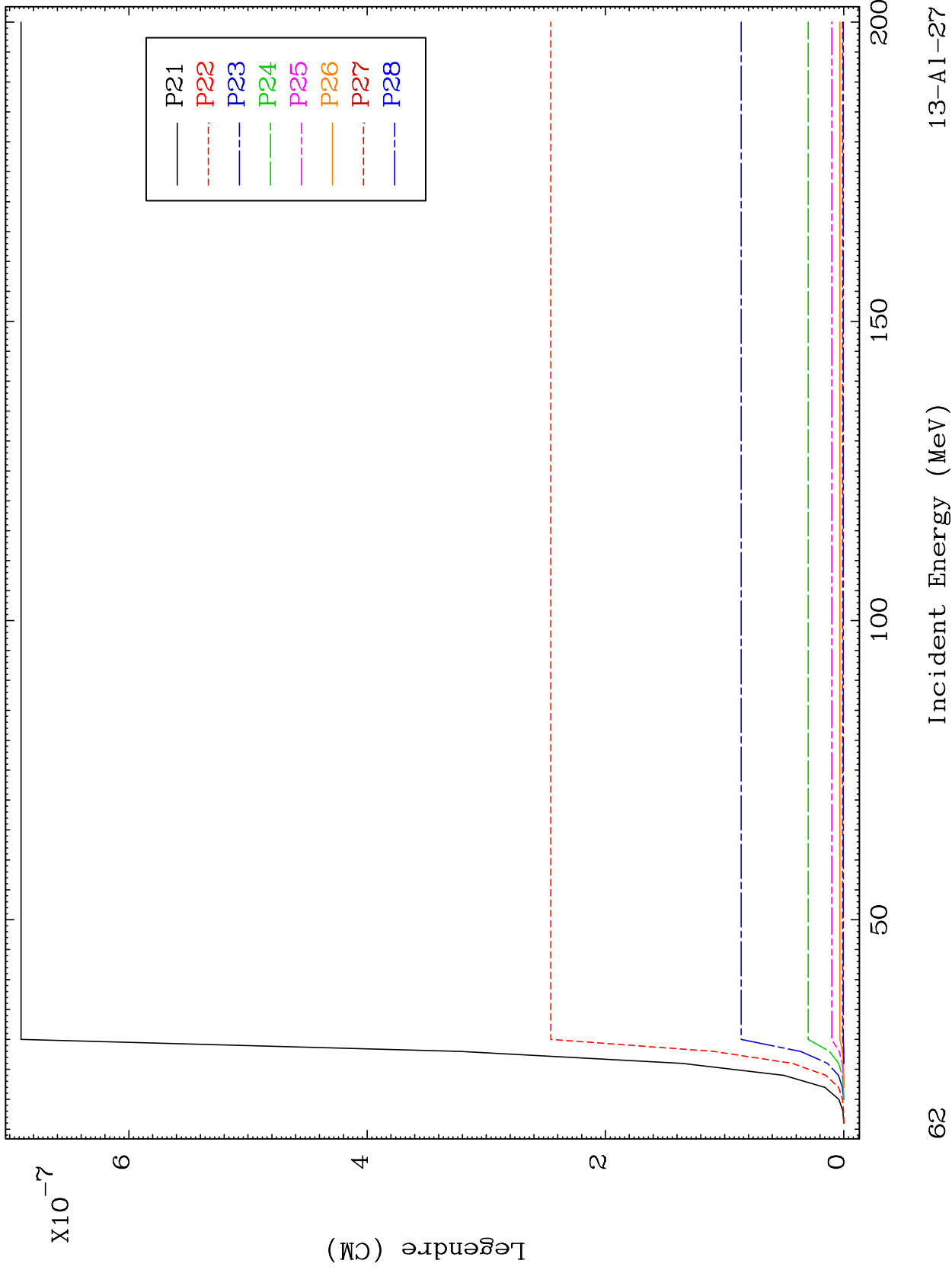


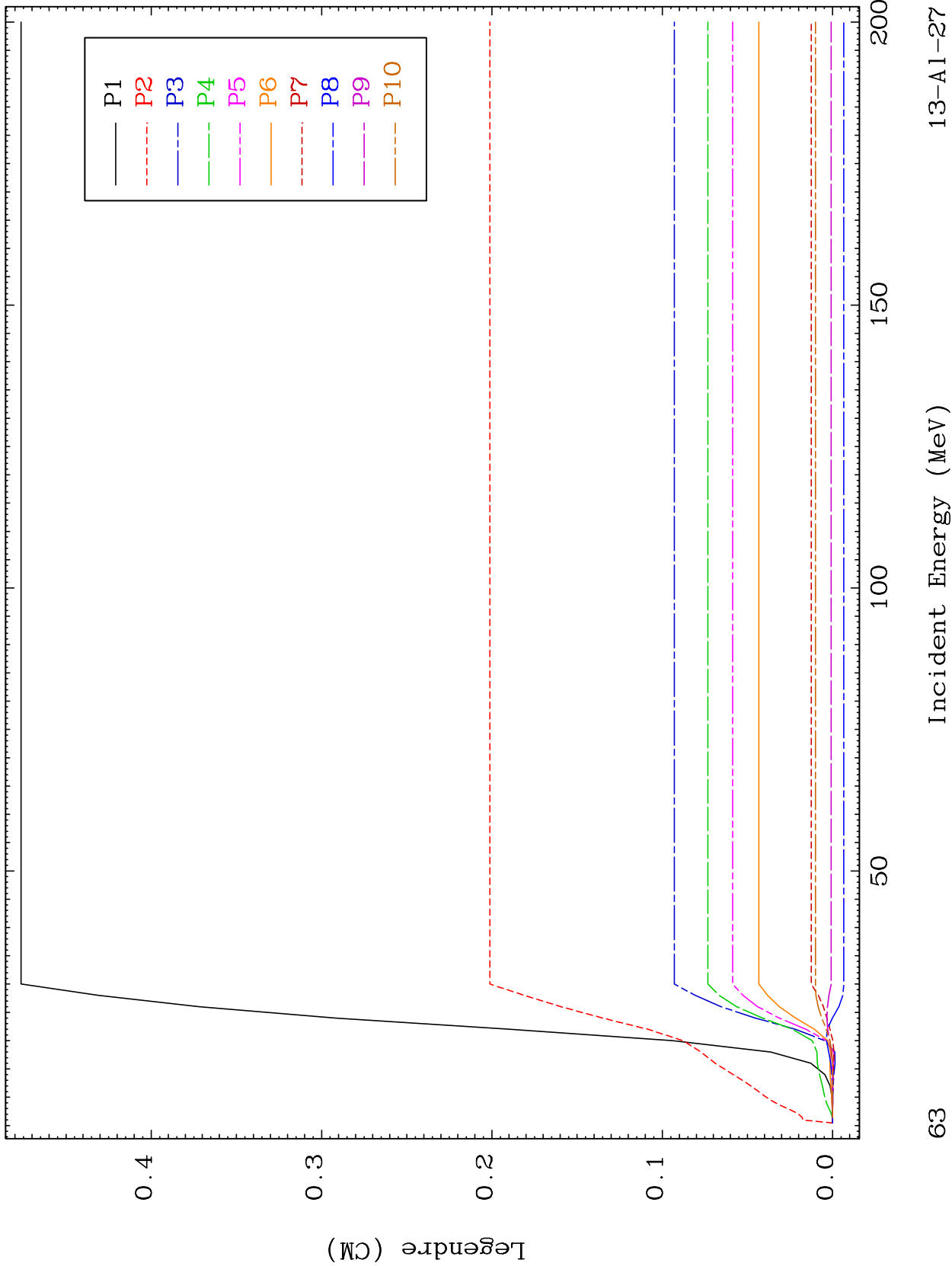


MAT 1325

5.156 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



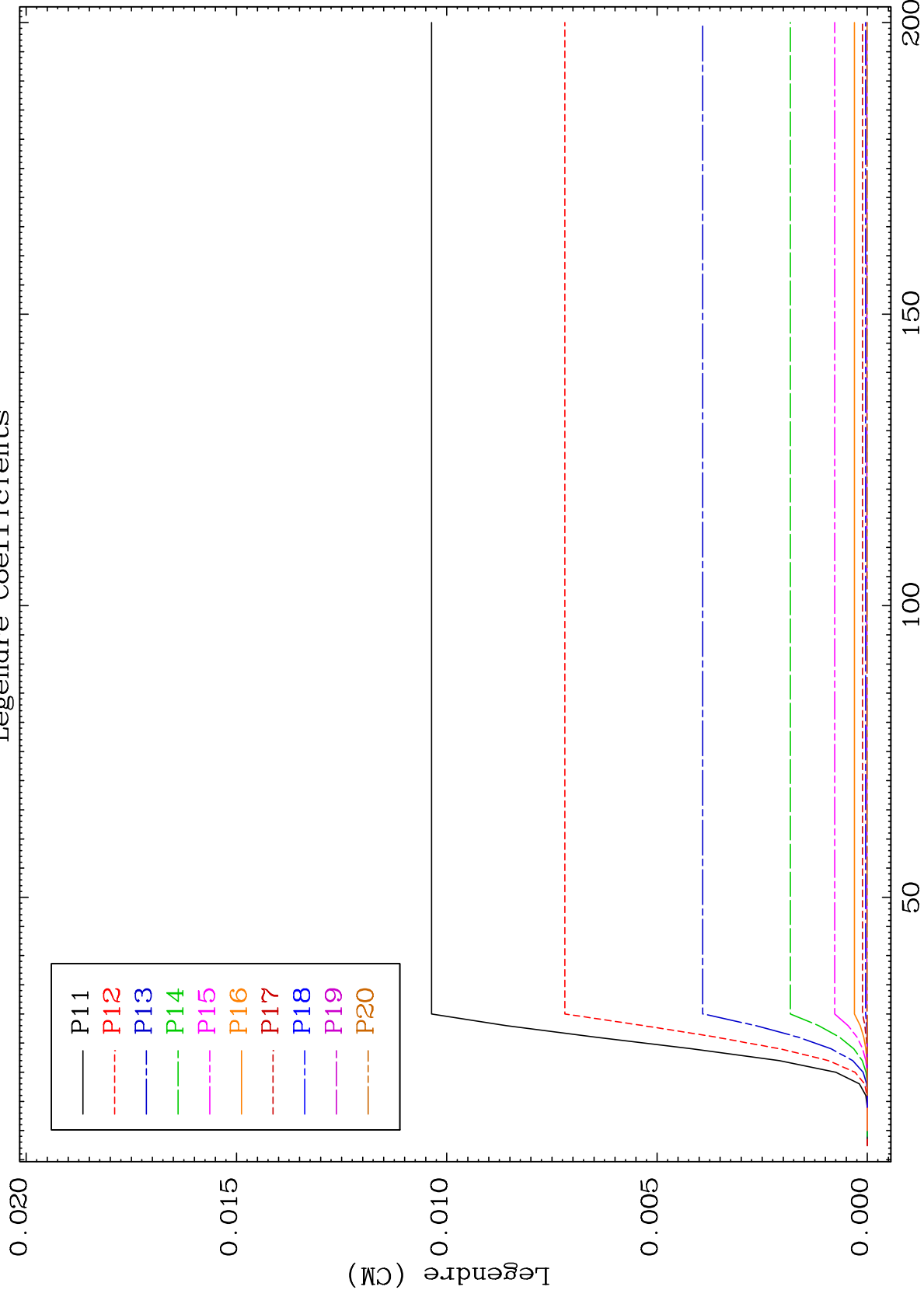




MAT 1325

5.248 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



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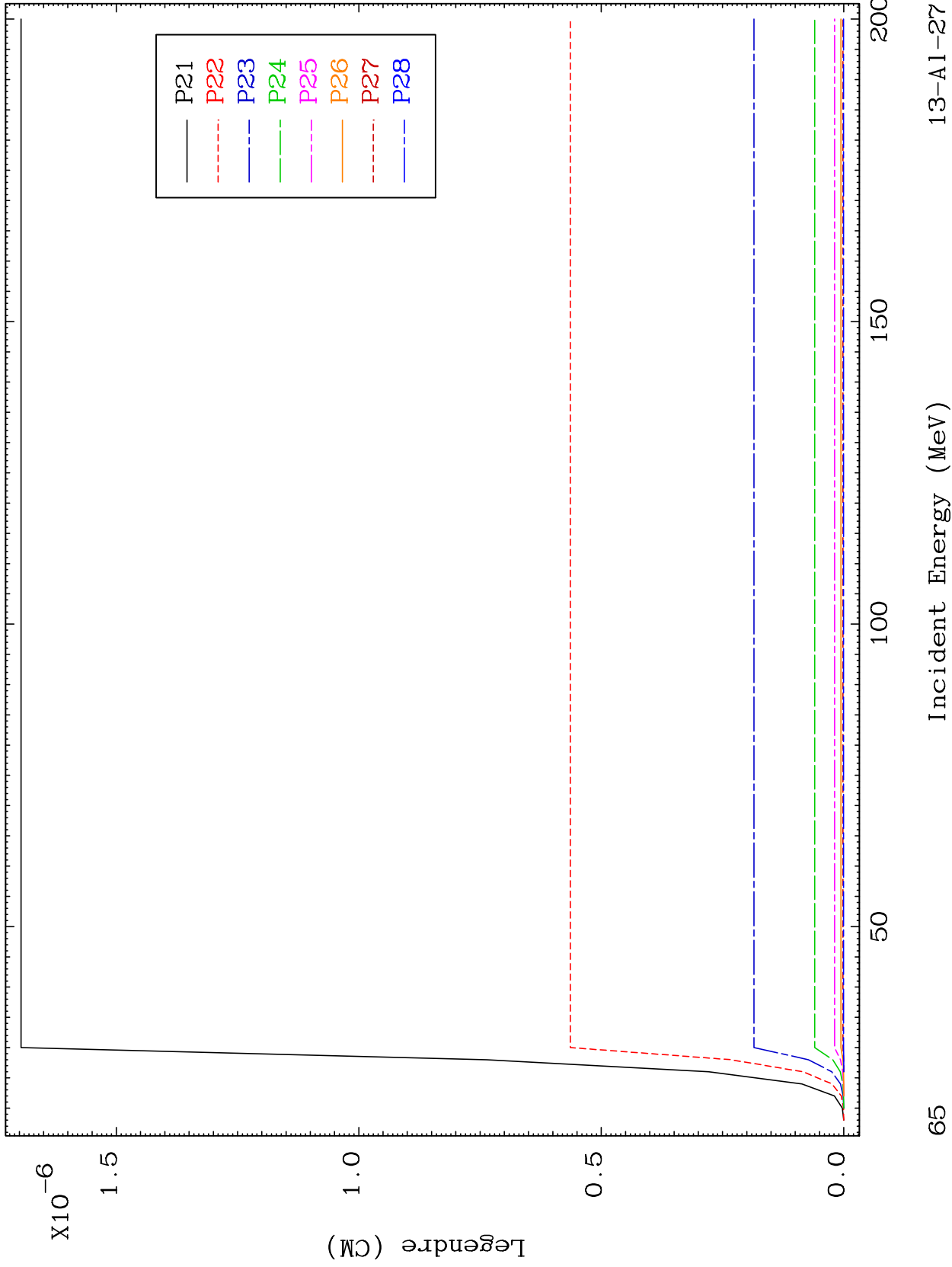
Incident Energy (MeV)

13-A1-27

MAT 1325

5.248 MeV (n,n') Level  
Legendre Coefficients

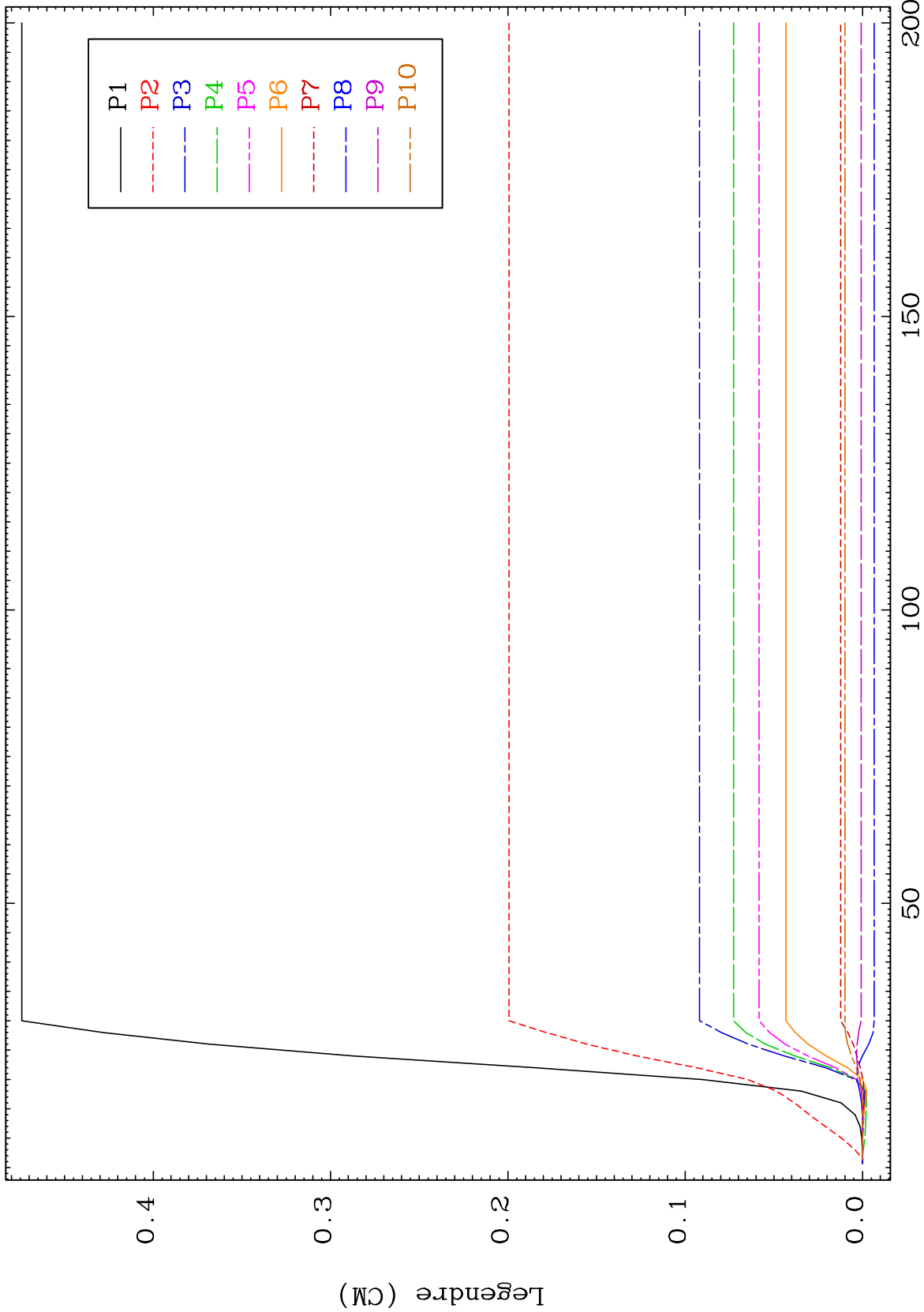
13-Al-27

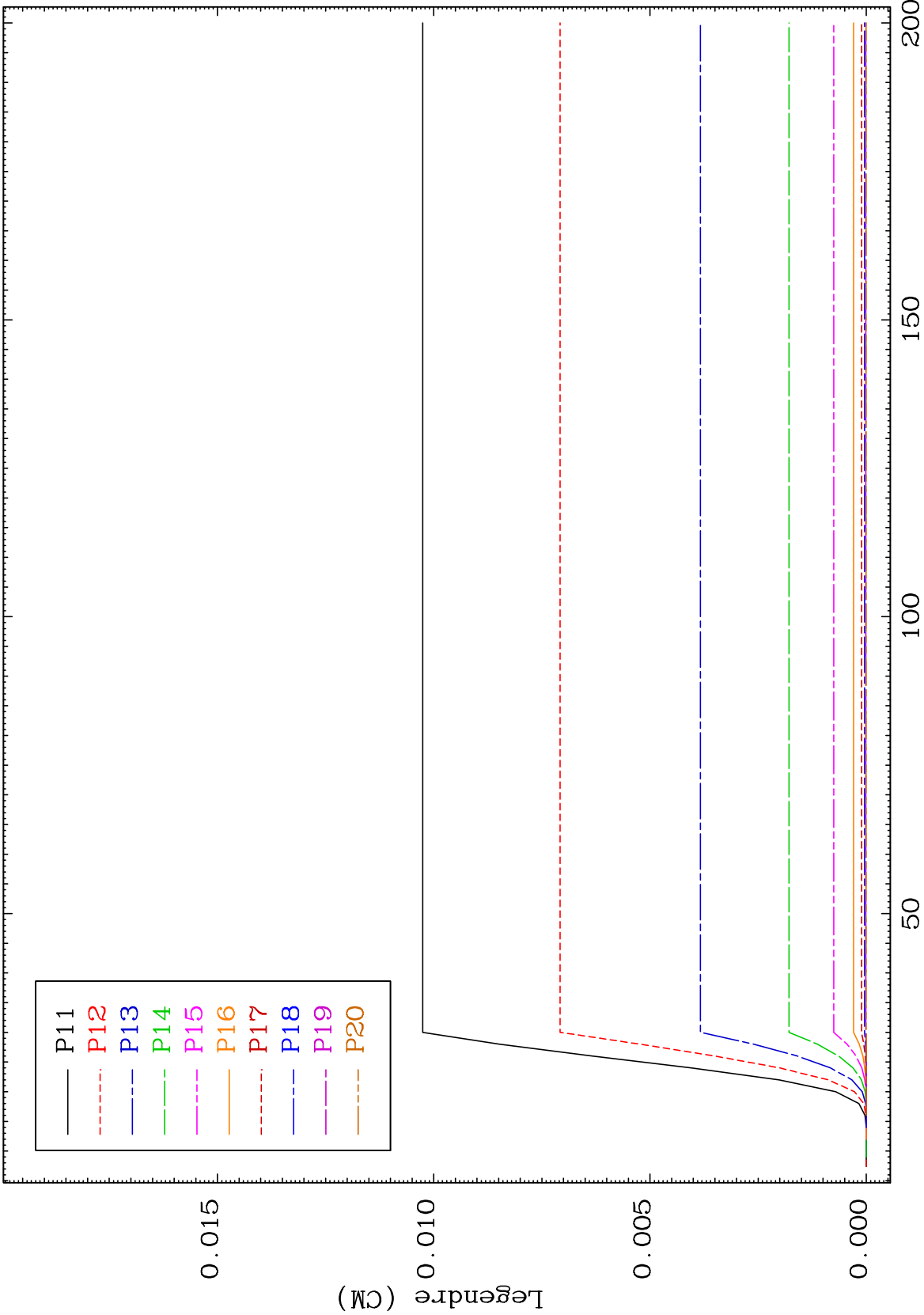


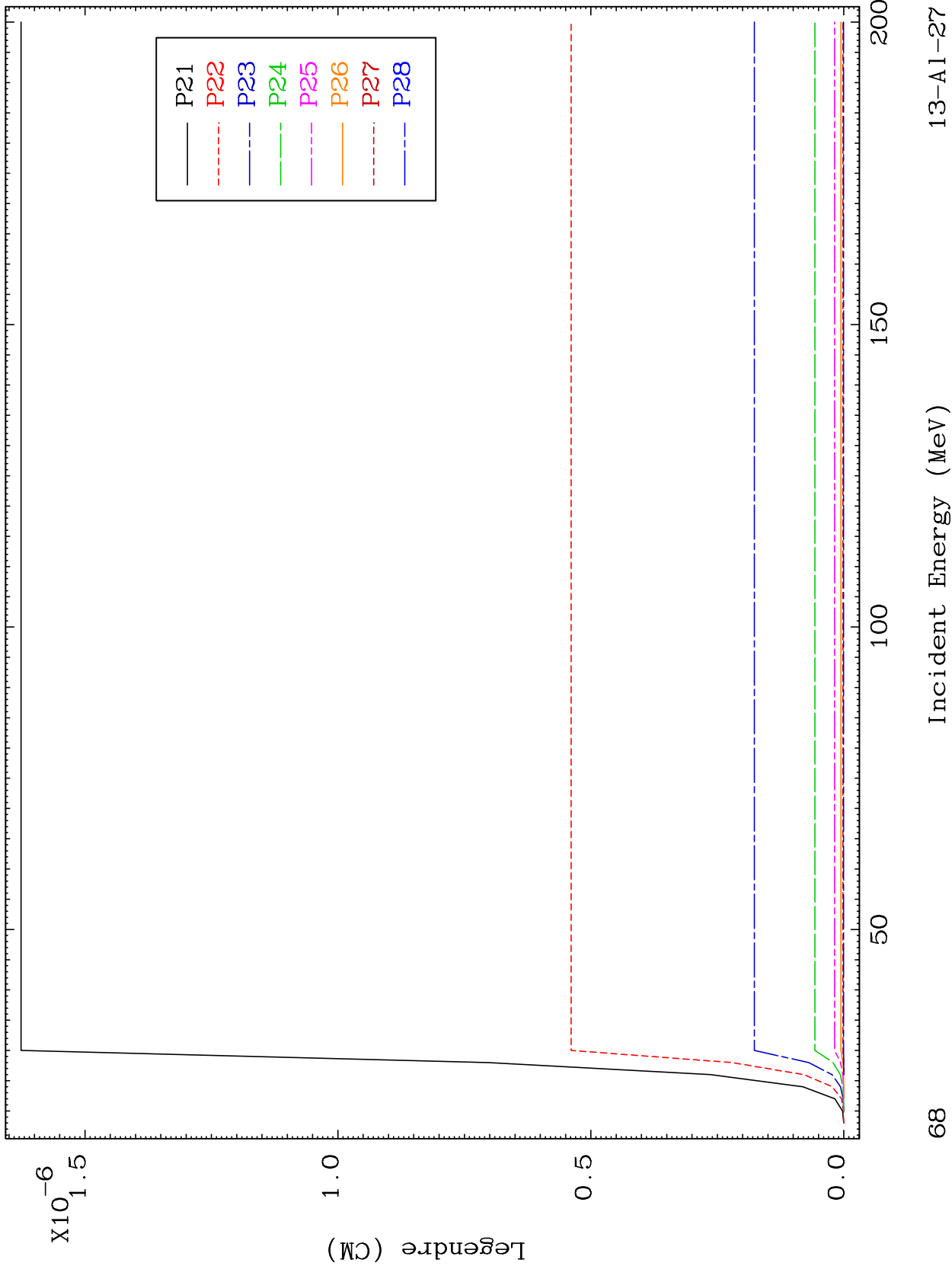
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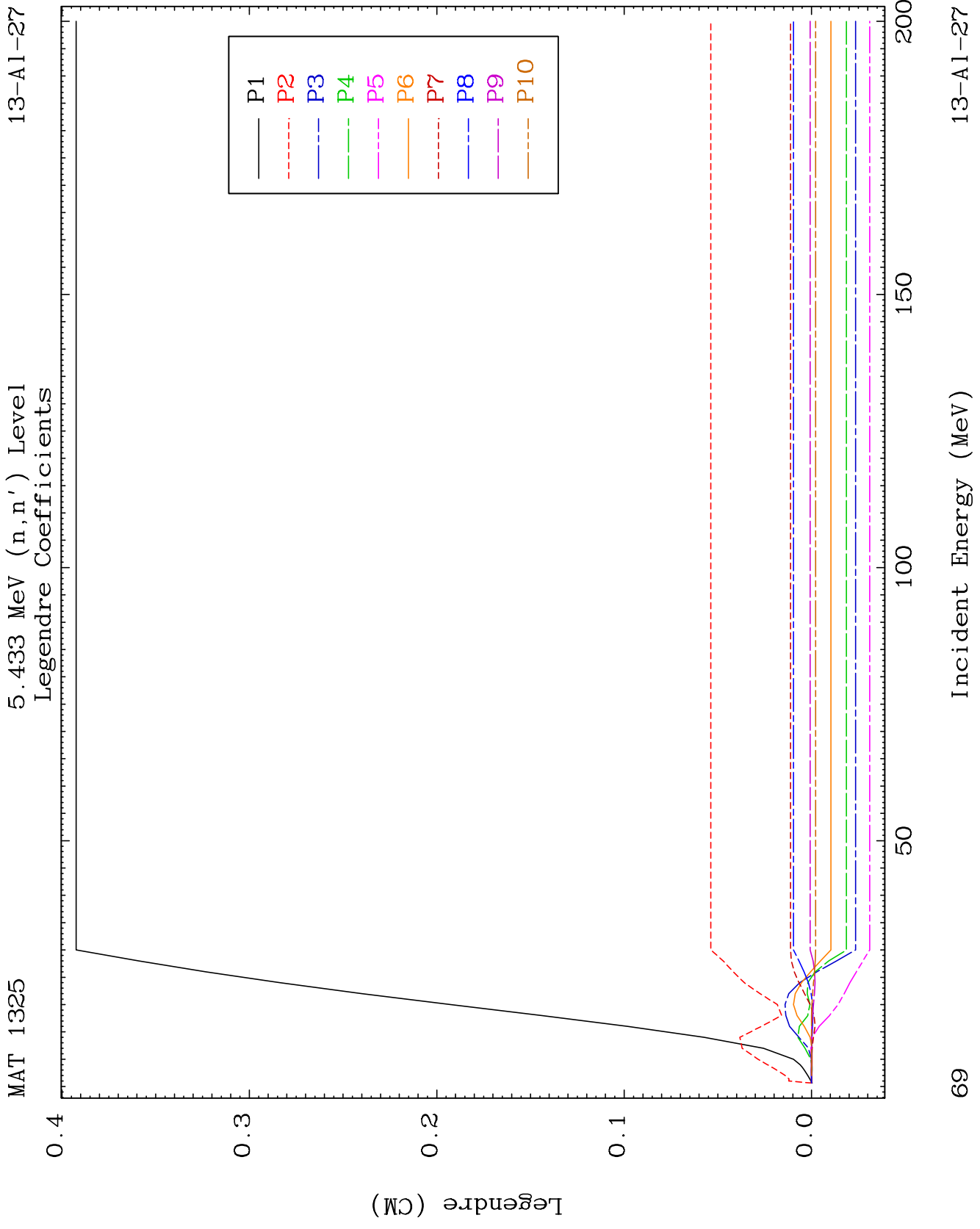
Incident Energy (MeV)

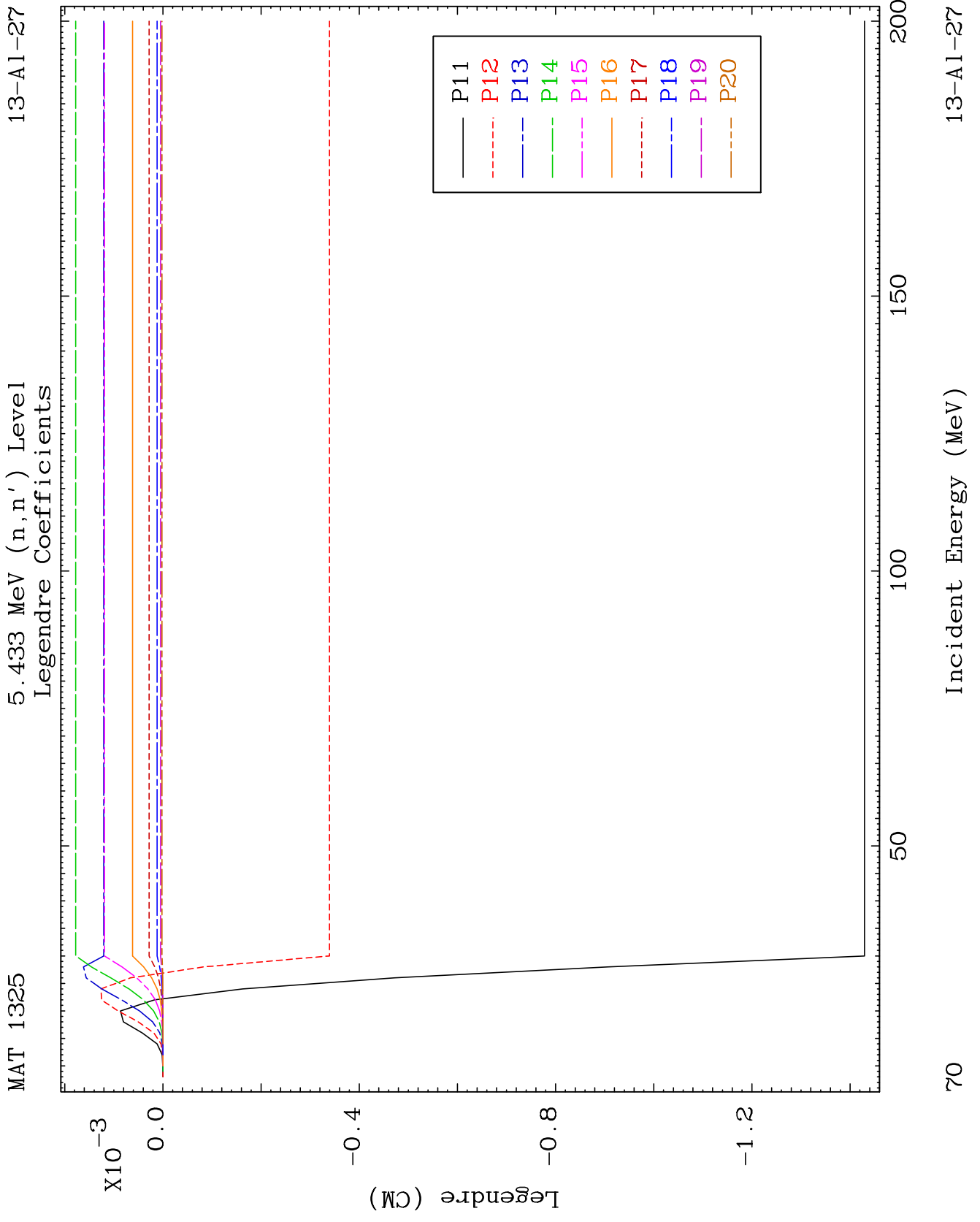
13-Al-27







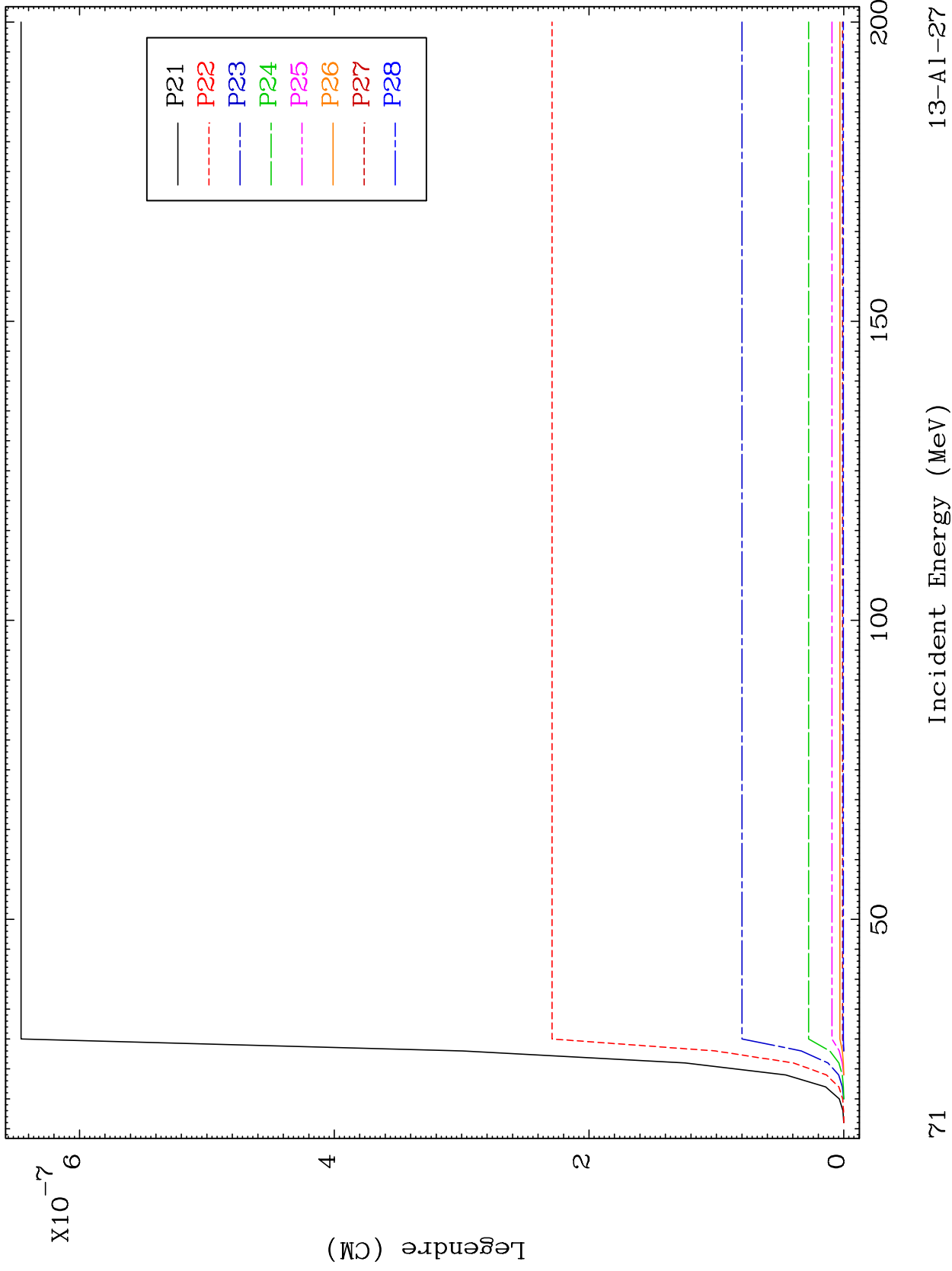




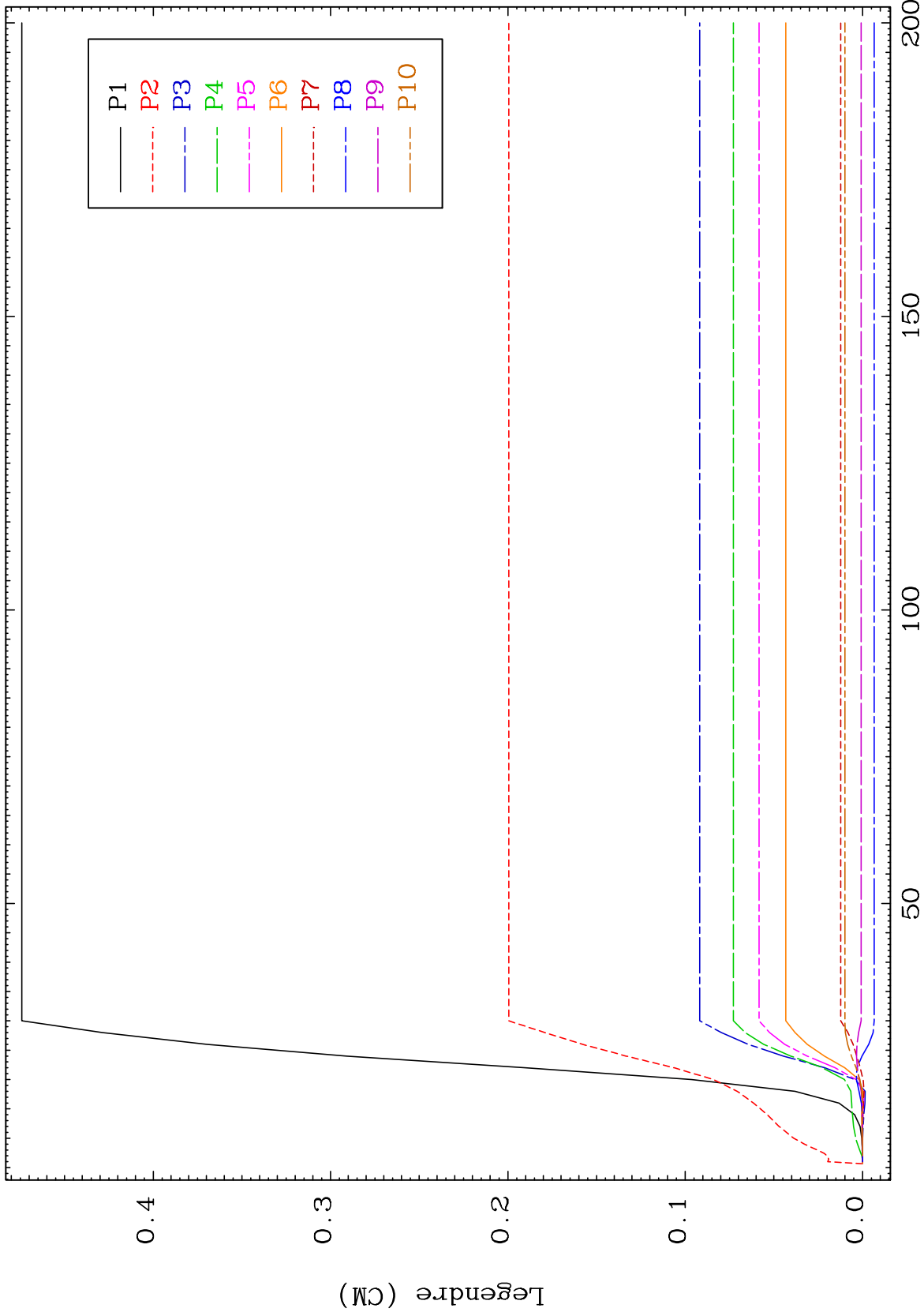
MAT 1325

5.433 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



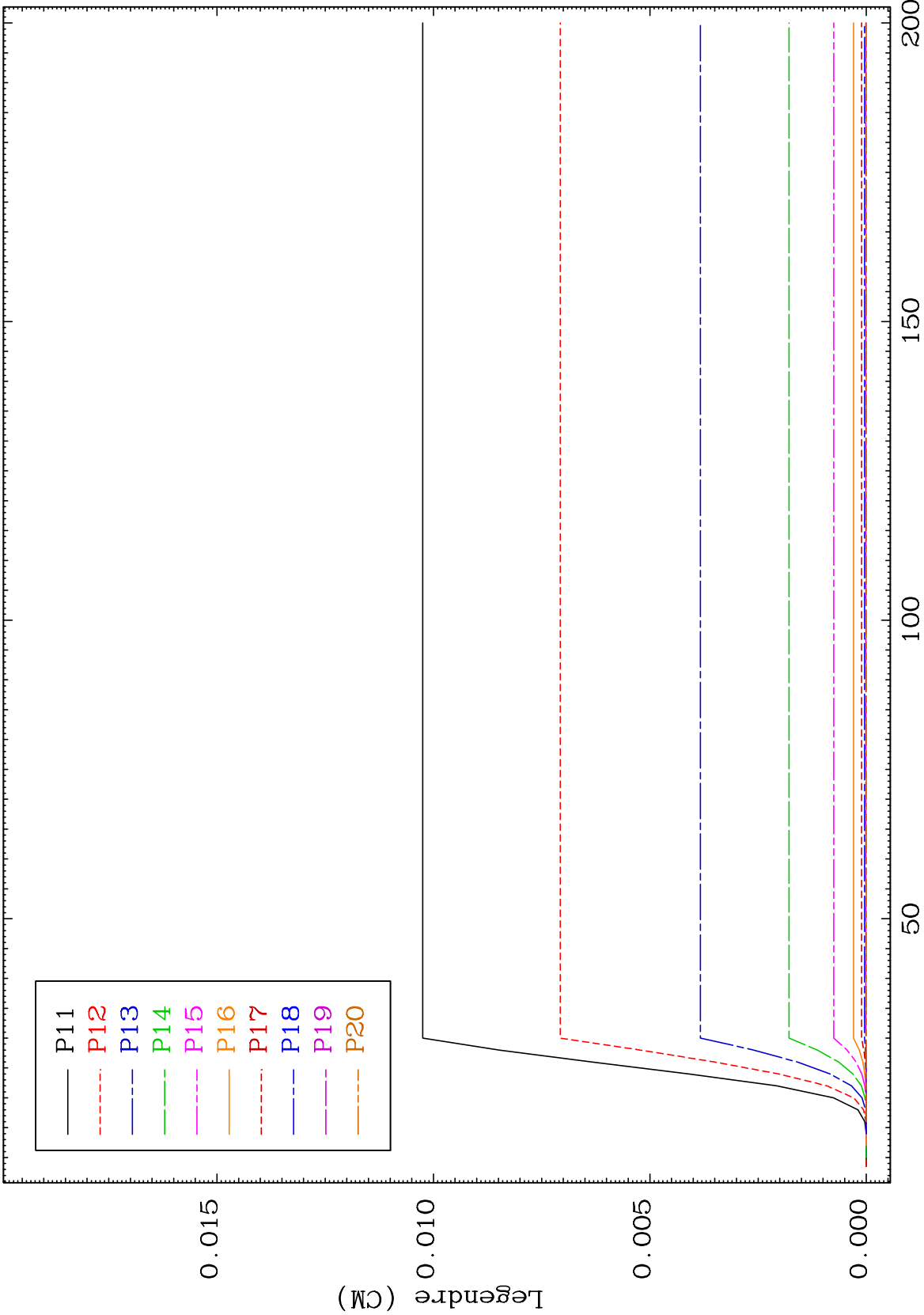




MAT 1325

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Legendre Coefficients

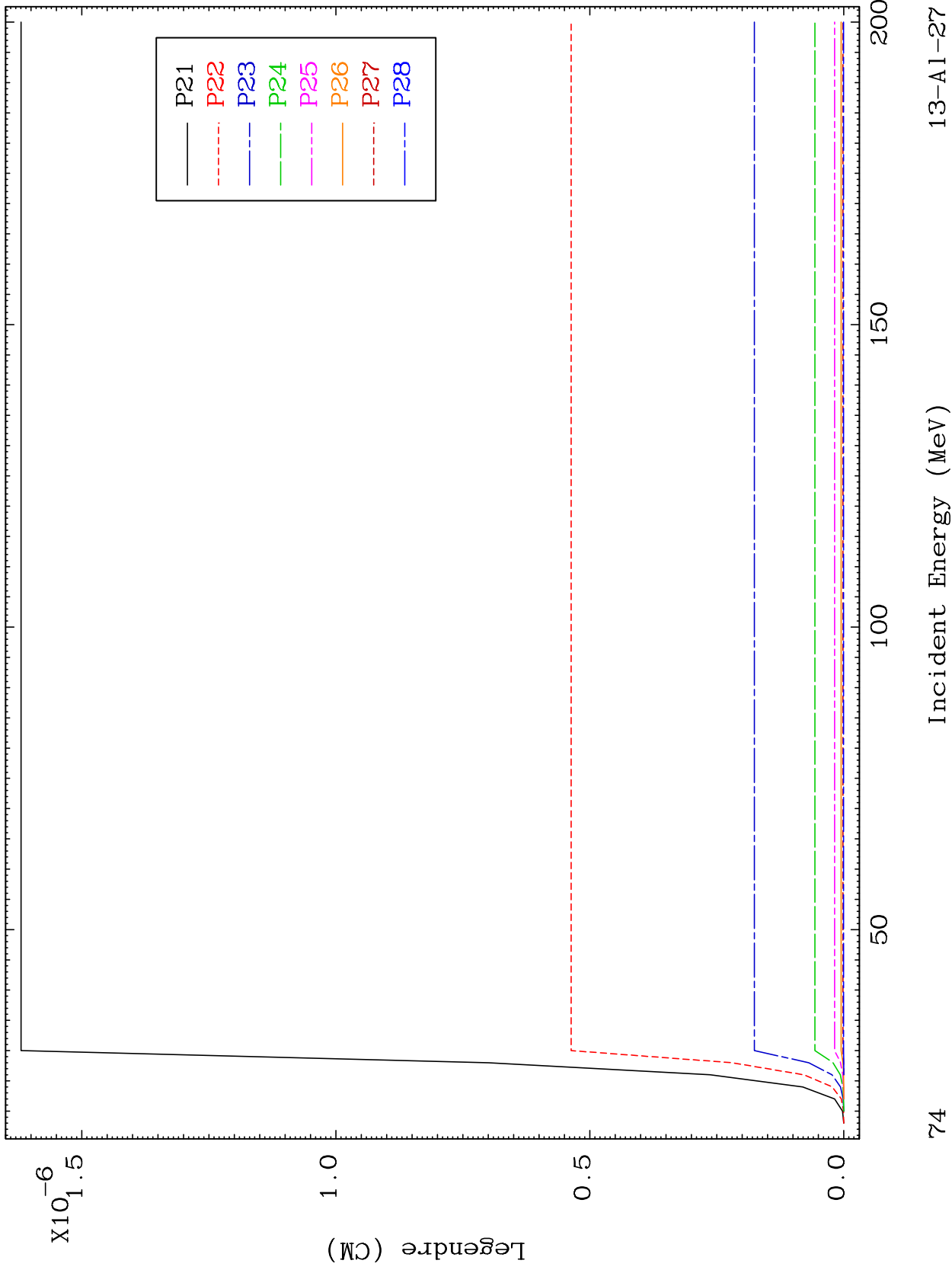
13-A1-27



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Incident Energy (MeV)

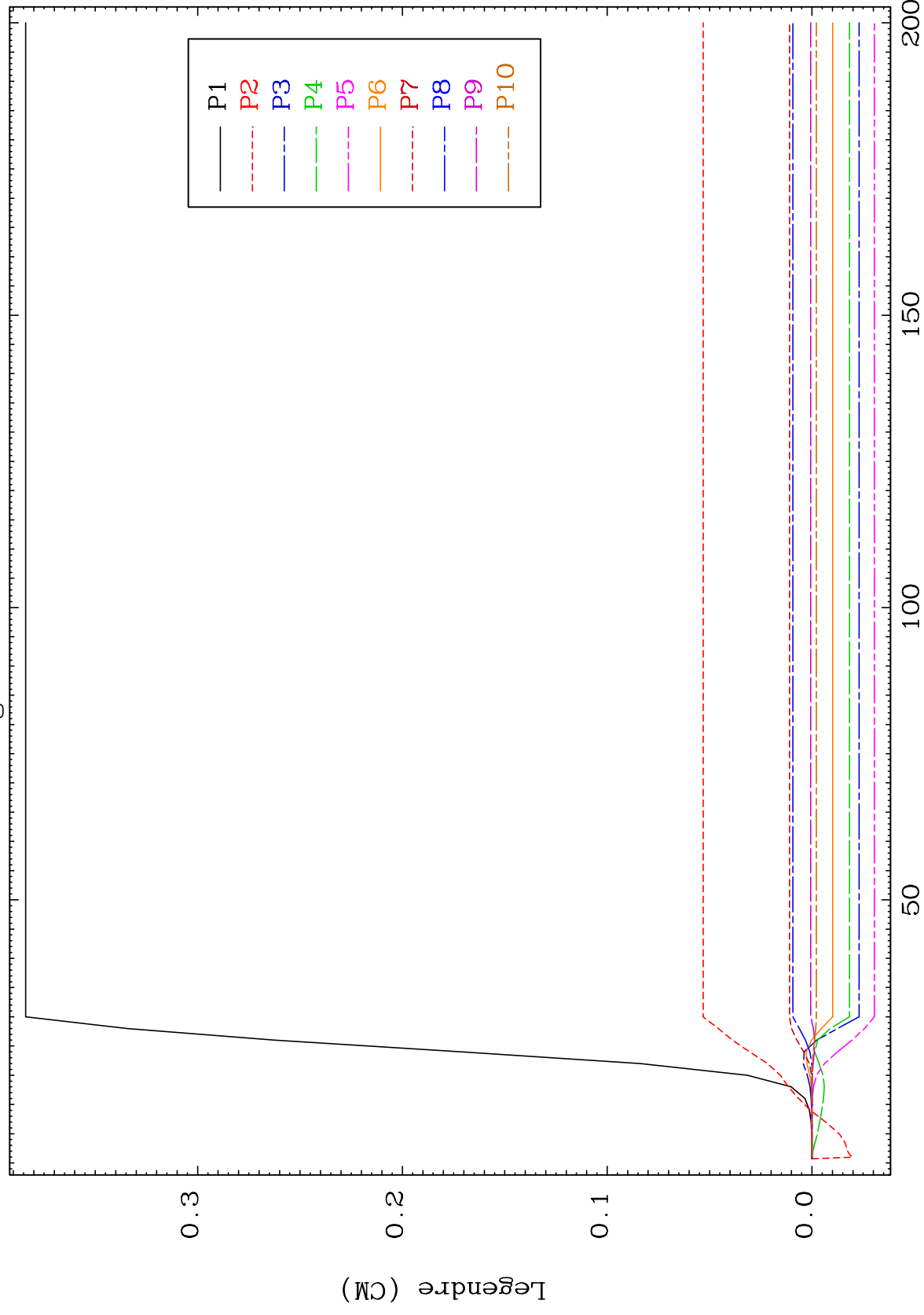
13-A1-27



MAT 1325

5.500 MeV (n,n') Level  
Legendre Coefficients

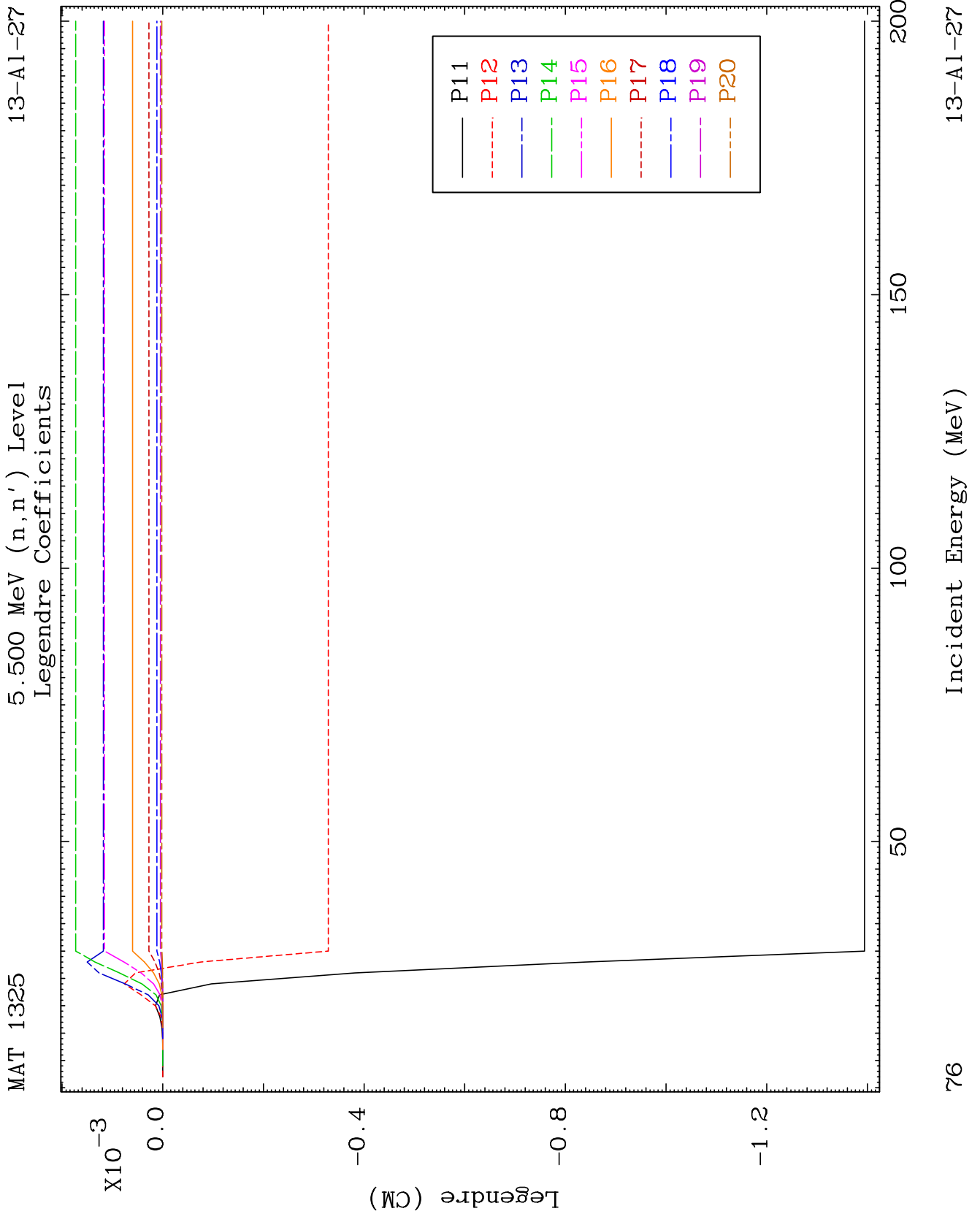
13-Al-27



75

Incident Energy (MeV)

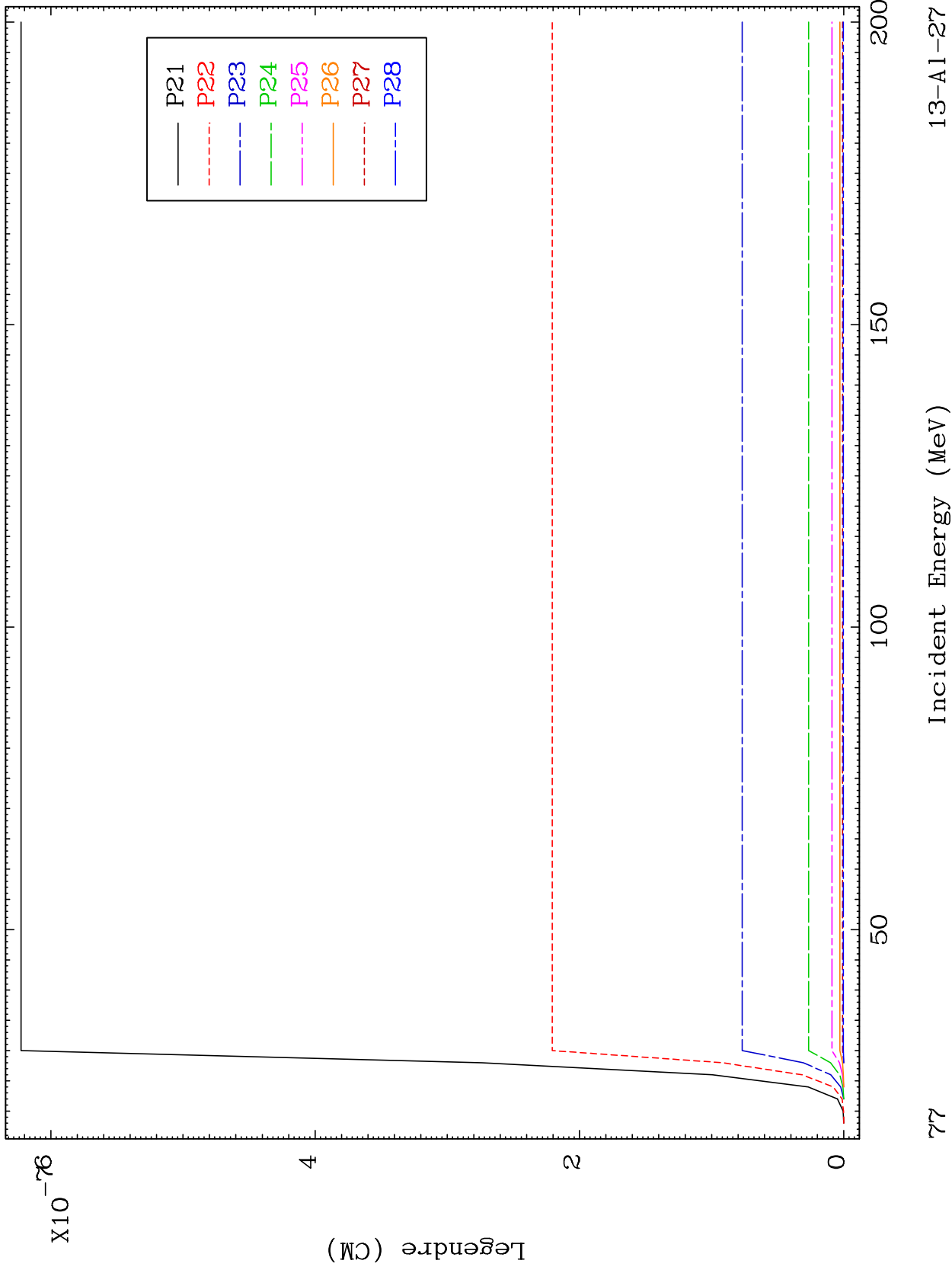
13-Al-27



MAT 1325

5.500 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



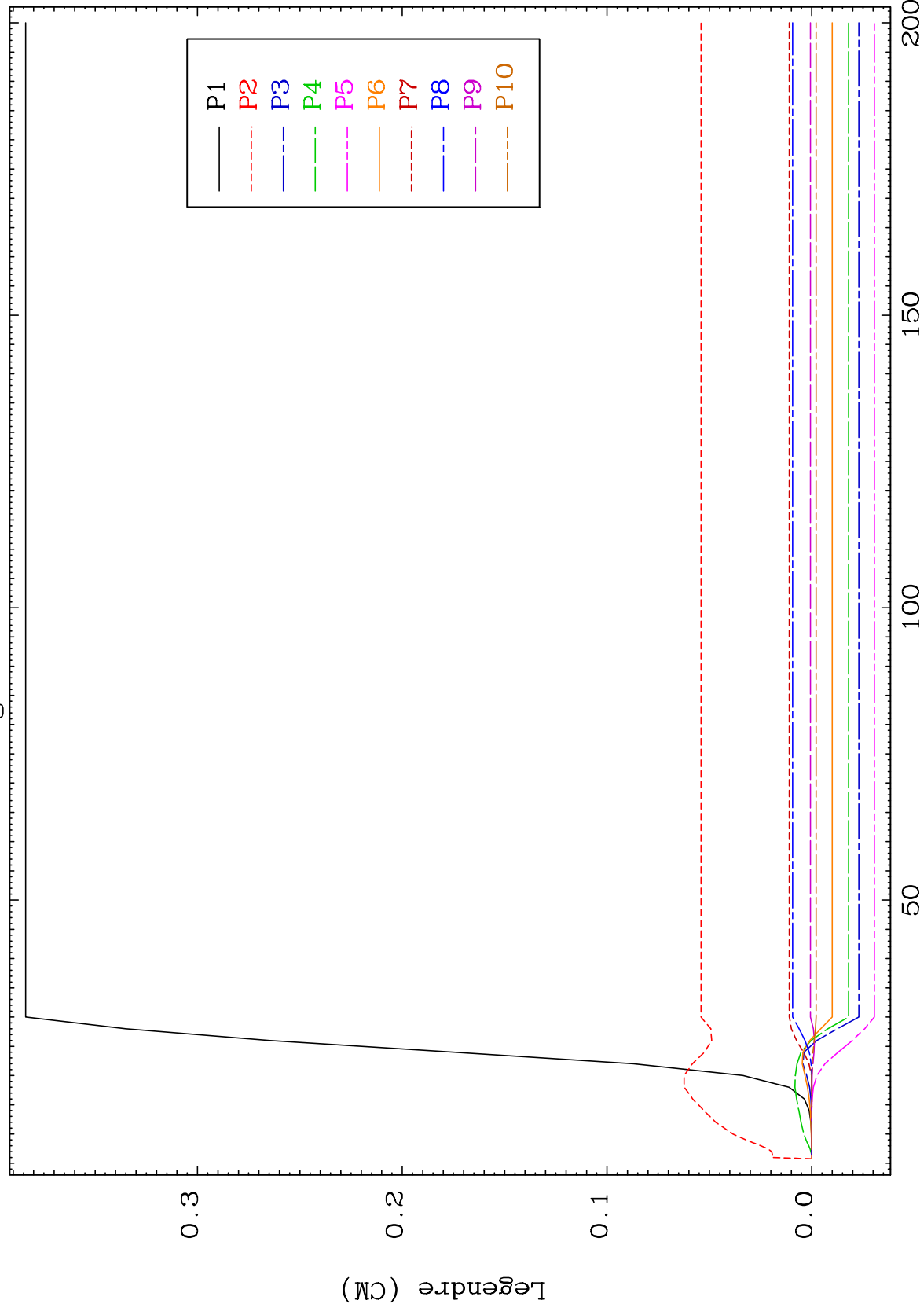
77

13-A1-27

MAT 1325

5.551 MeV (n,n') Level  
Legendre Coefficients

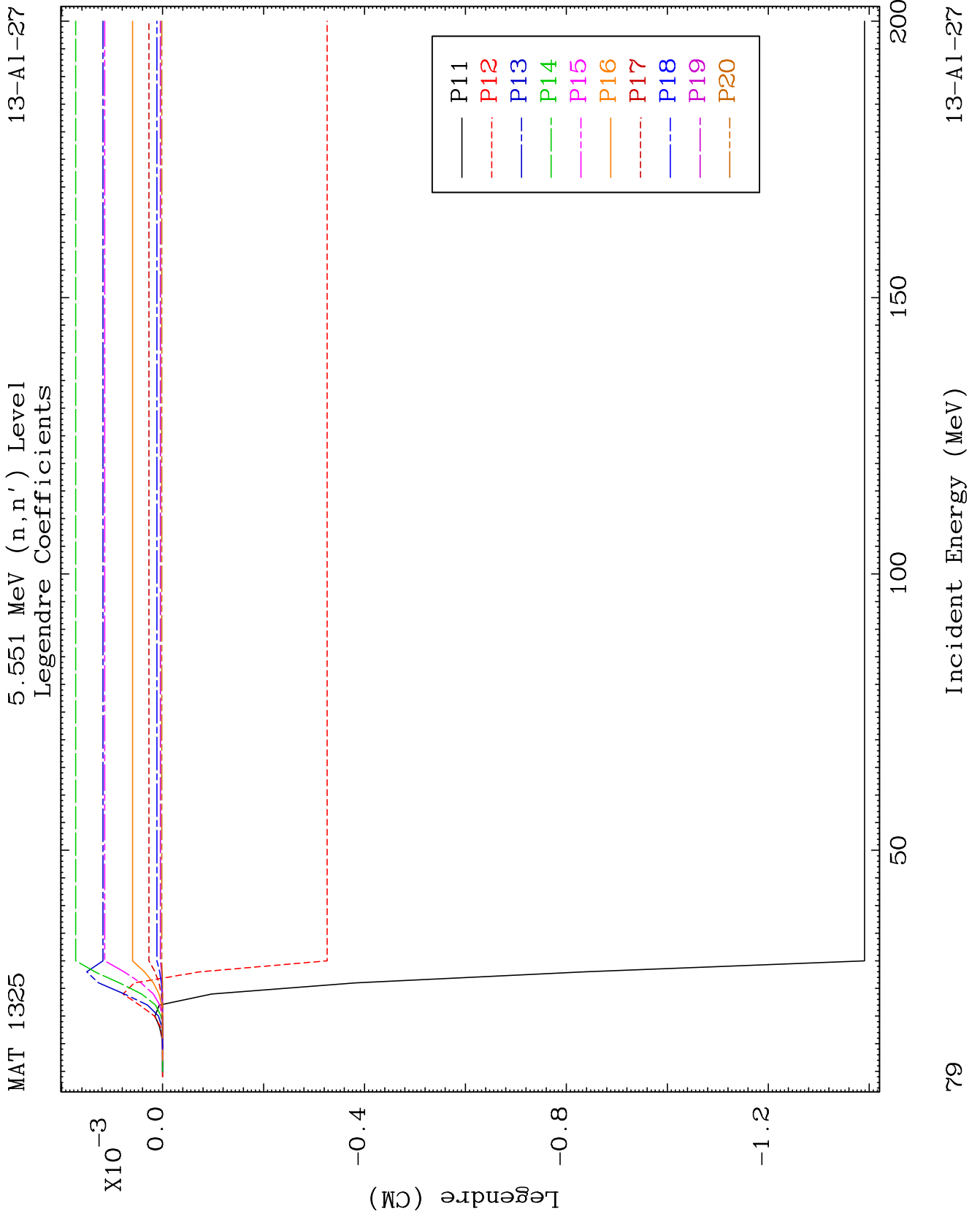
13-A1-27



78

Incident Energy (MeV)

13-A1-27

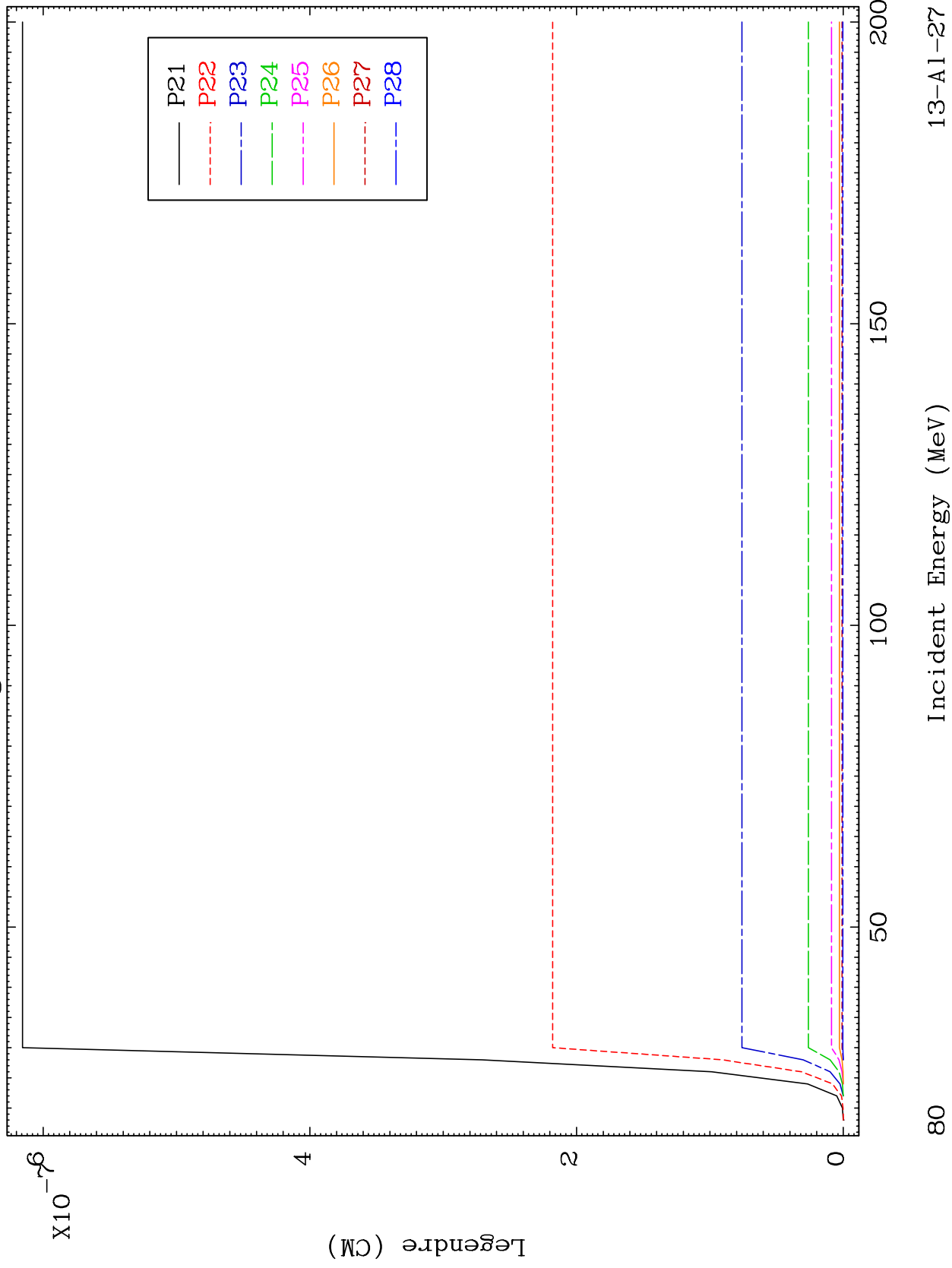




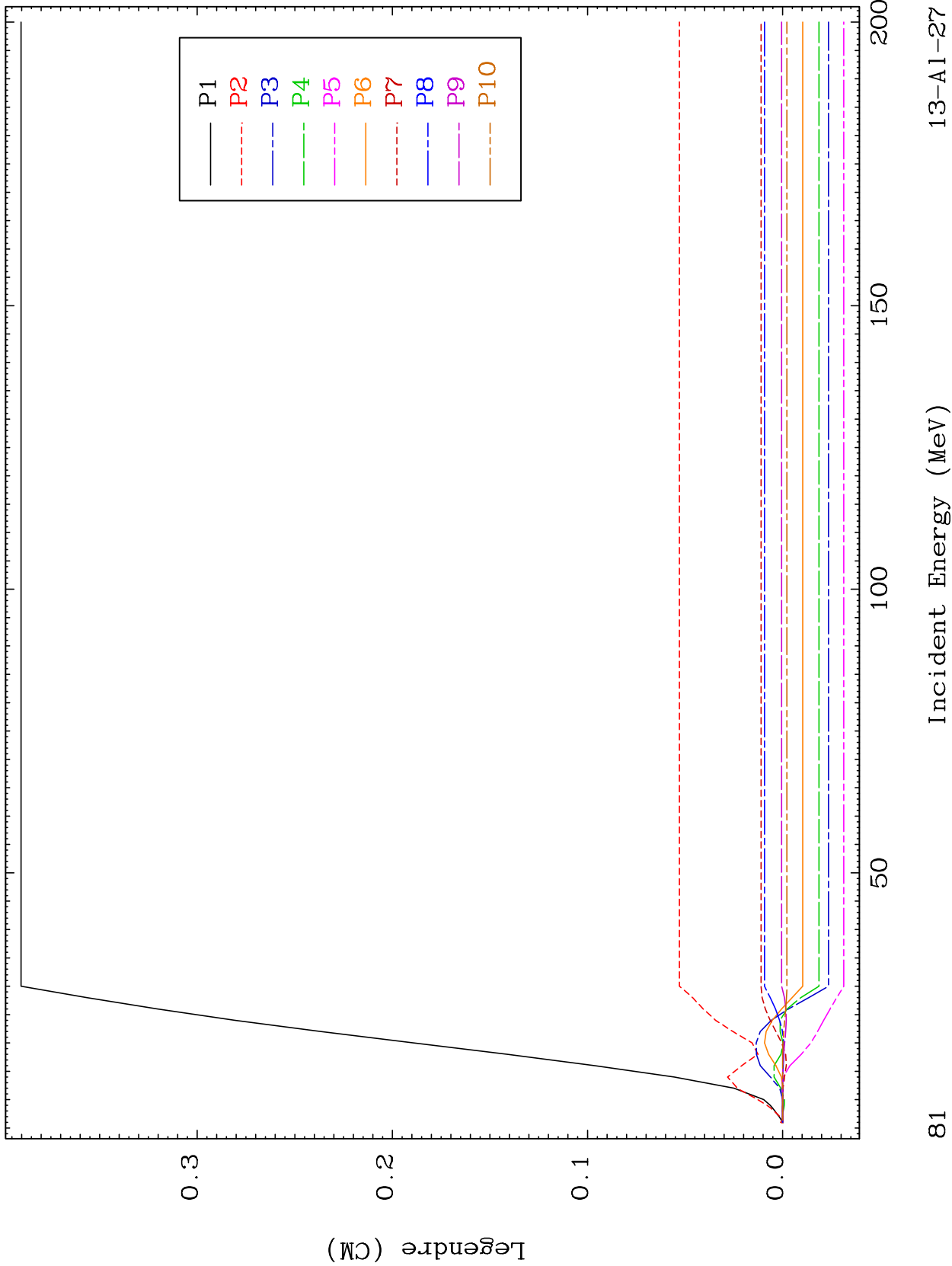
MAT 1325

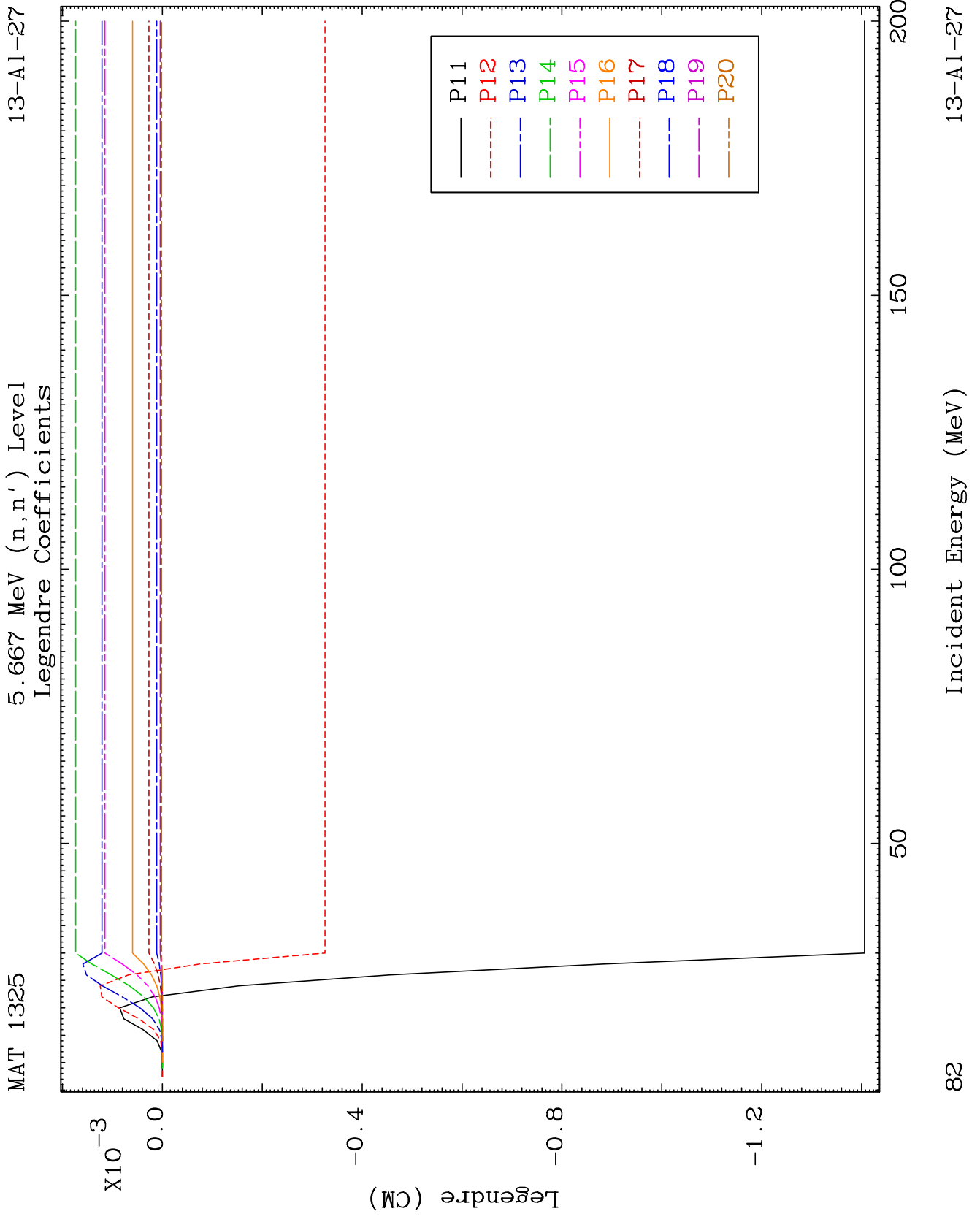
5.551 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



13-A1-27

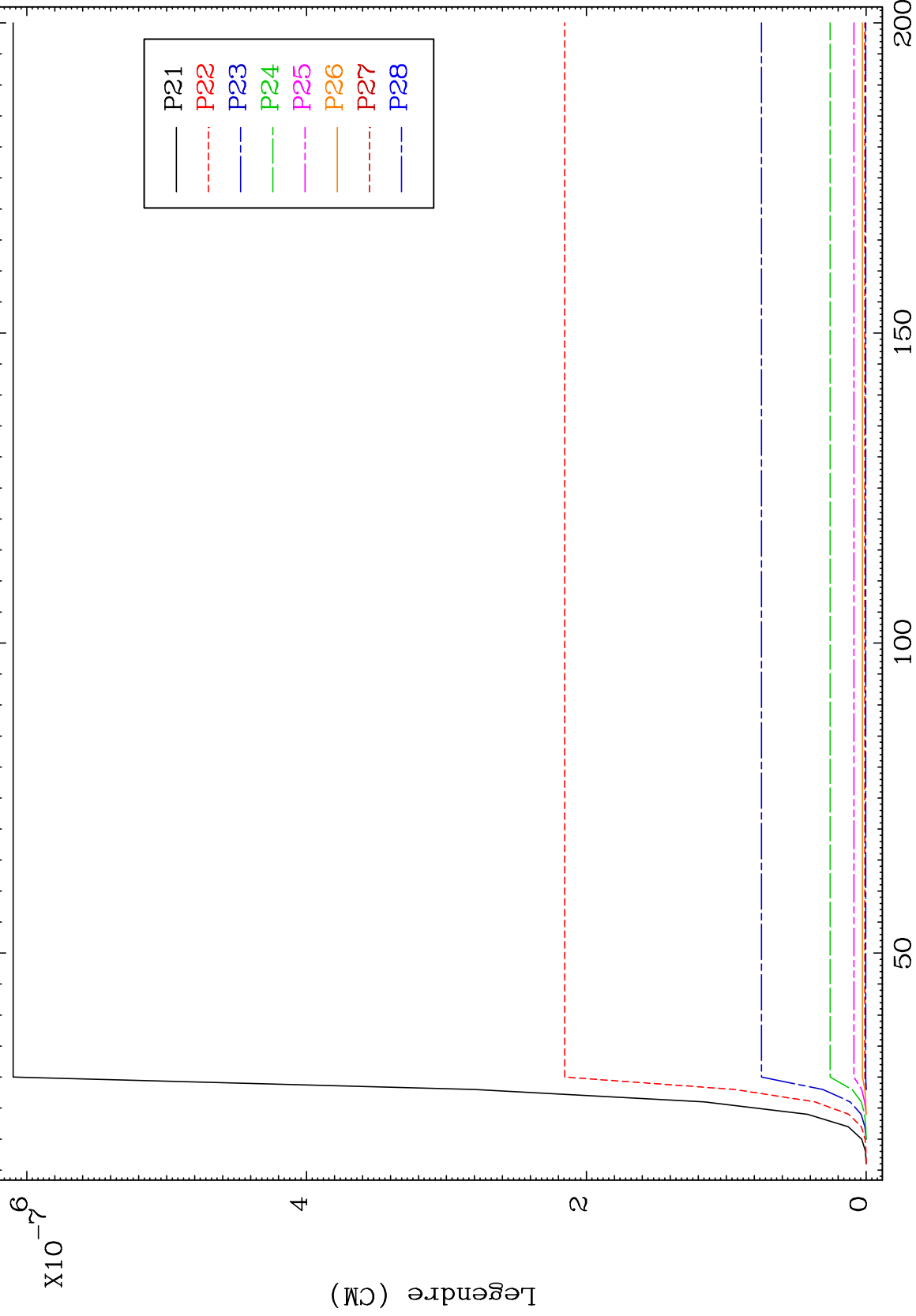




MAT 1325

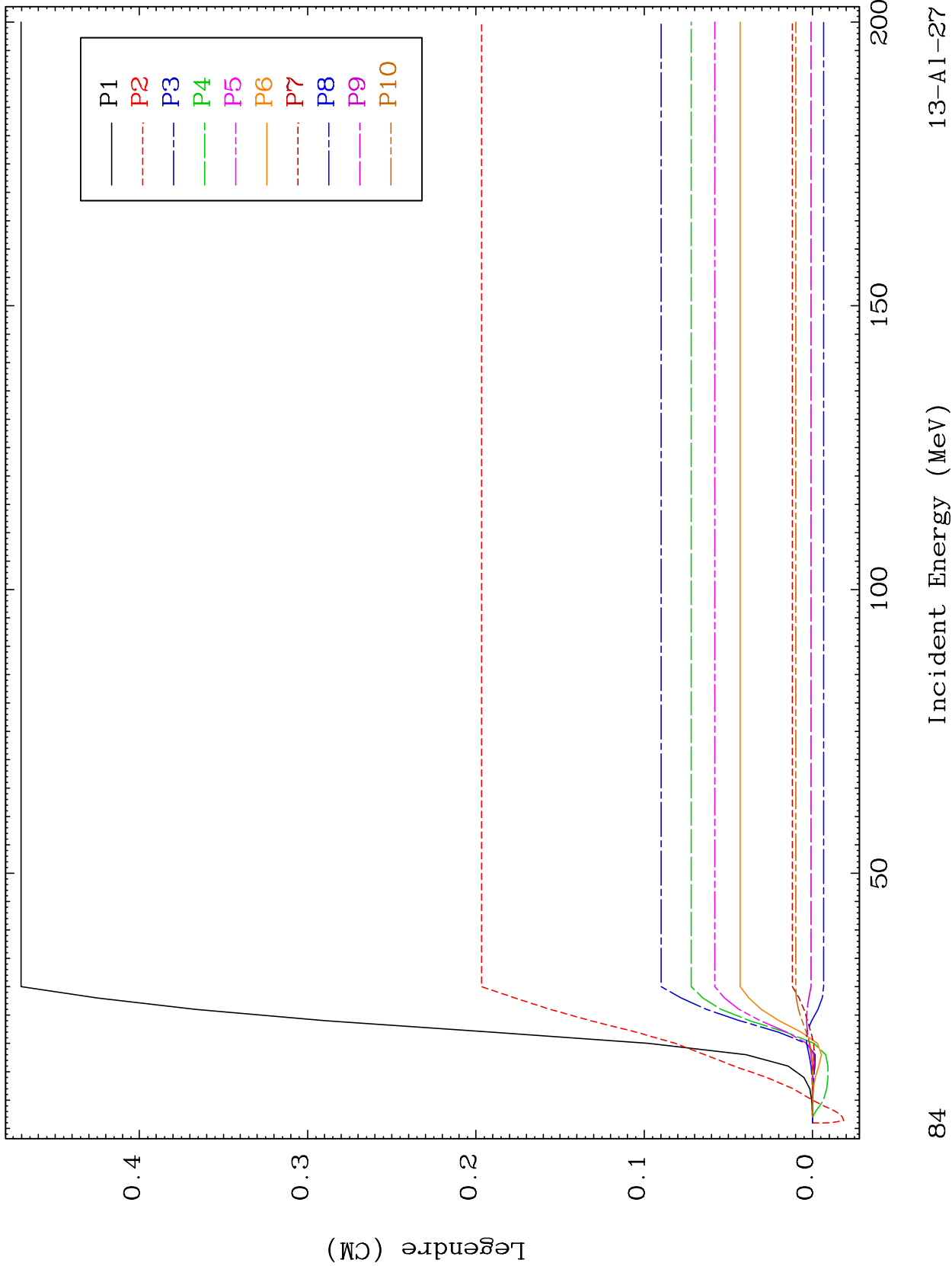
5.667 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



83

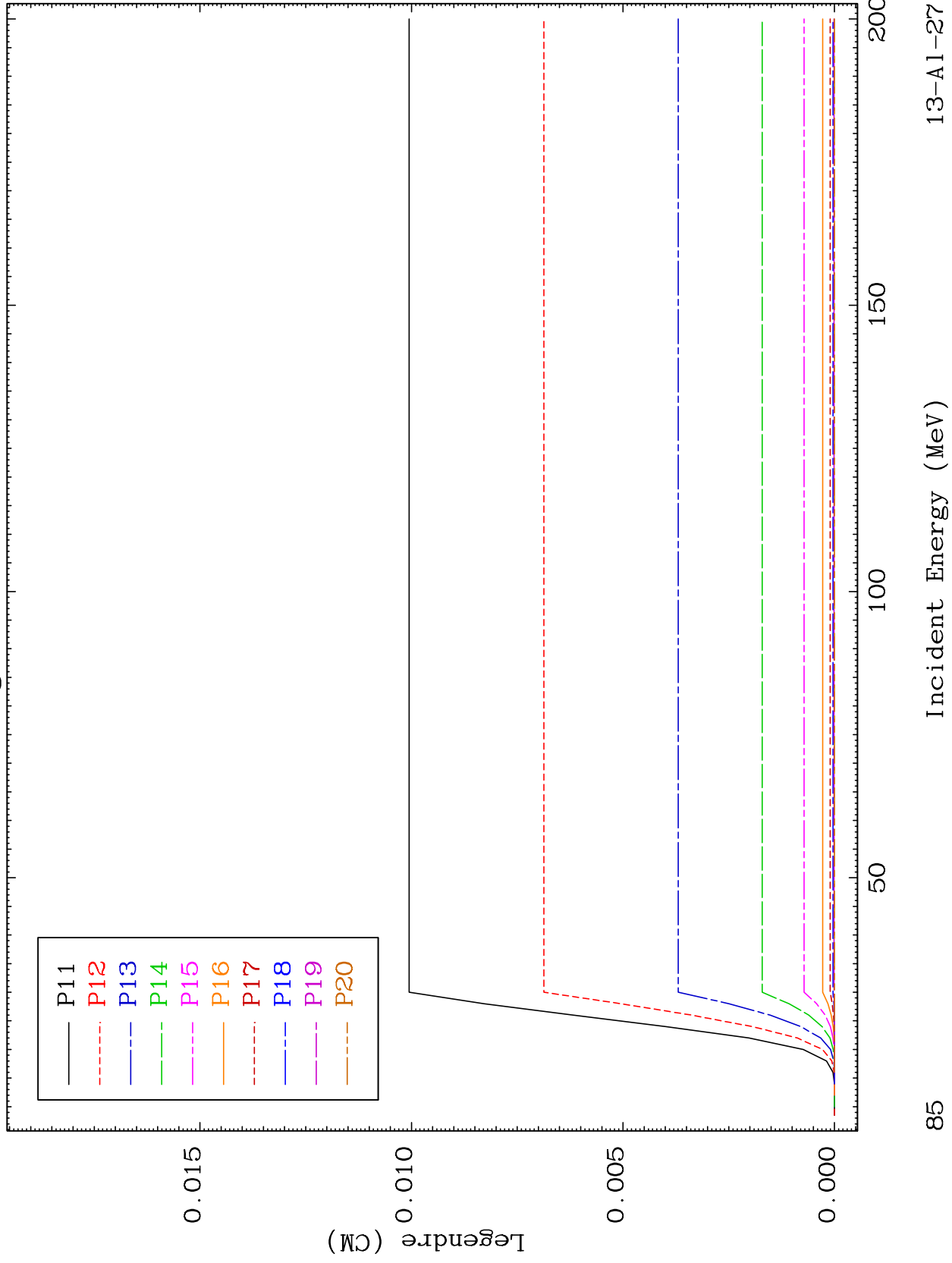
13-A1-27



MAT 1325

5.752 MeV (n,n') Level  
Legendre Coefficients

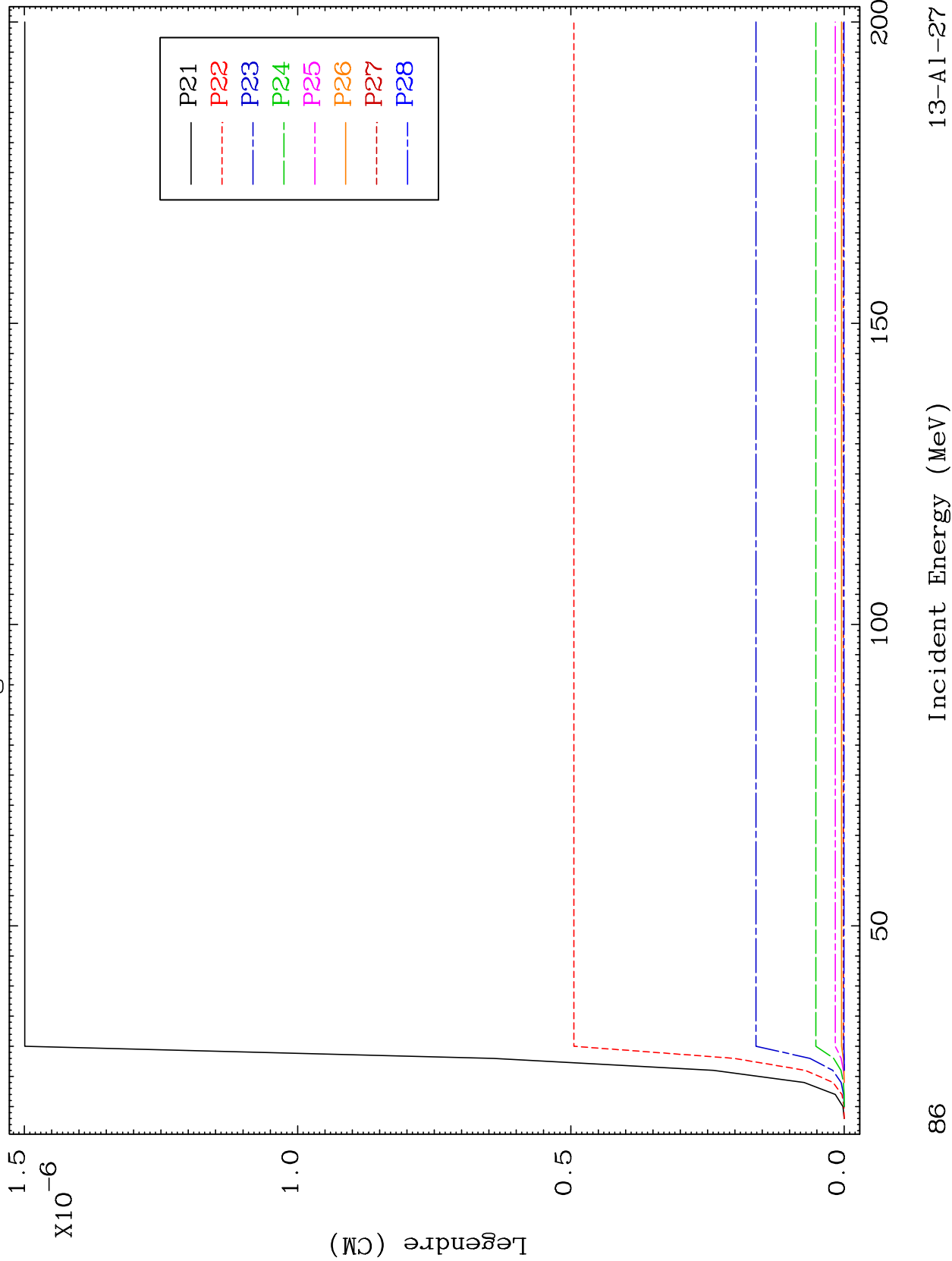
13-Al-27



85

Incident Energy (MeV)

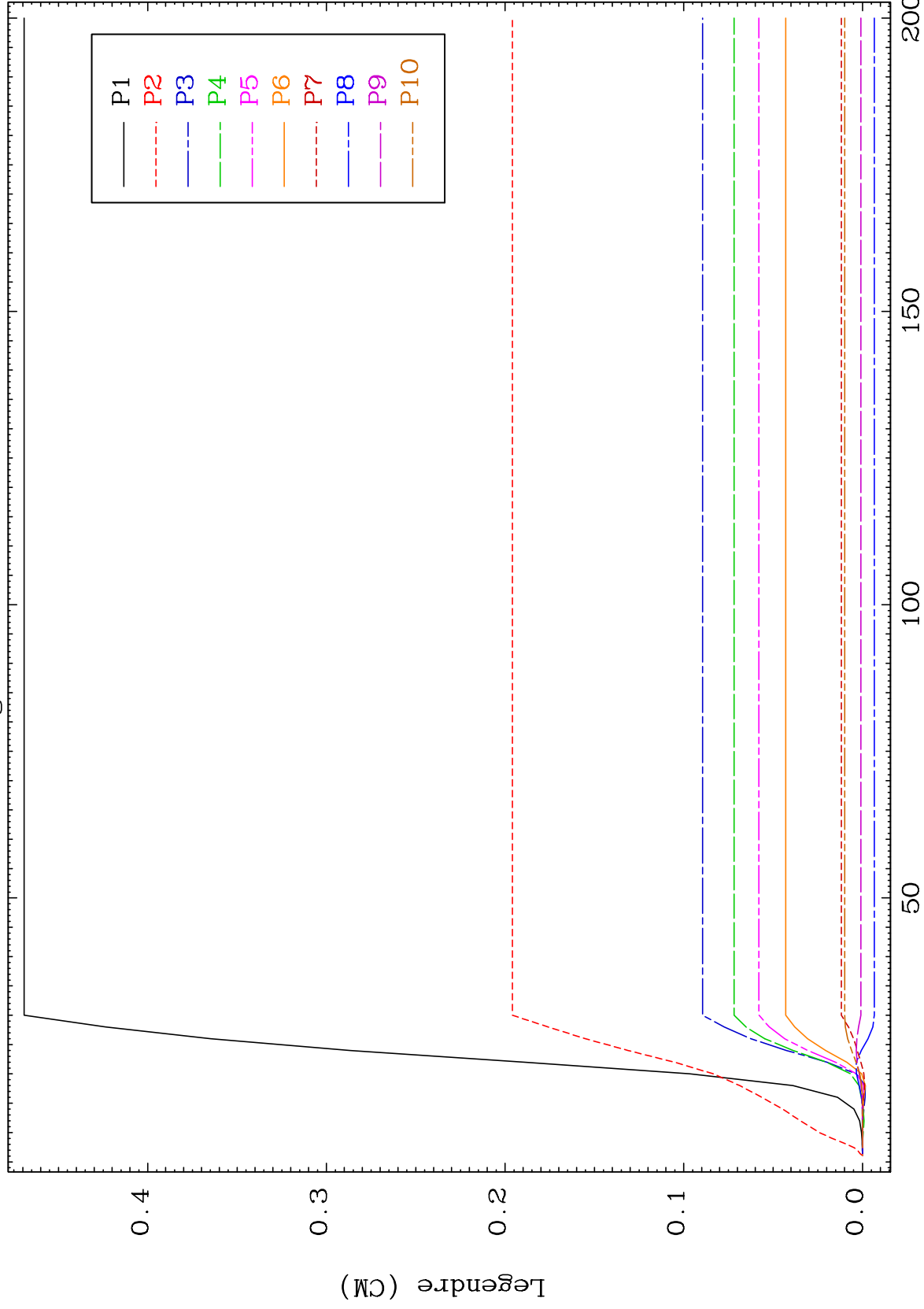
13-Al-27



MAT 1325

5.827 MeV (n,n') Level  
Legendre Coefficients

13-Al-27

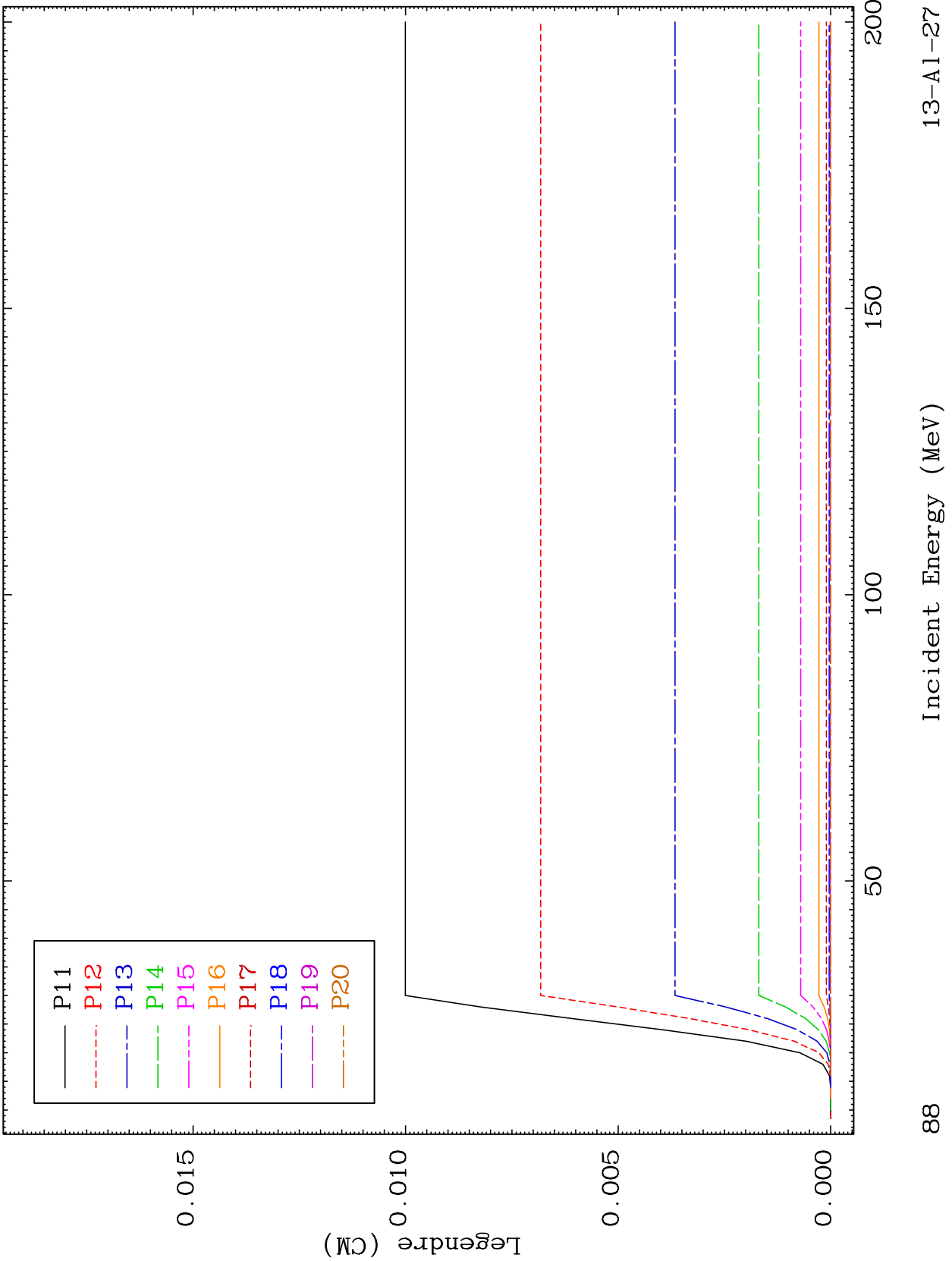


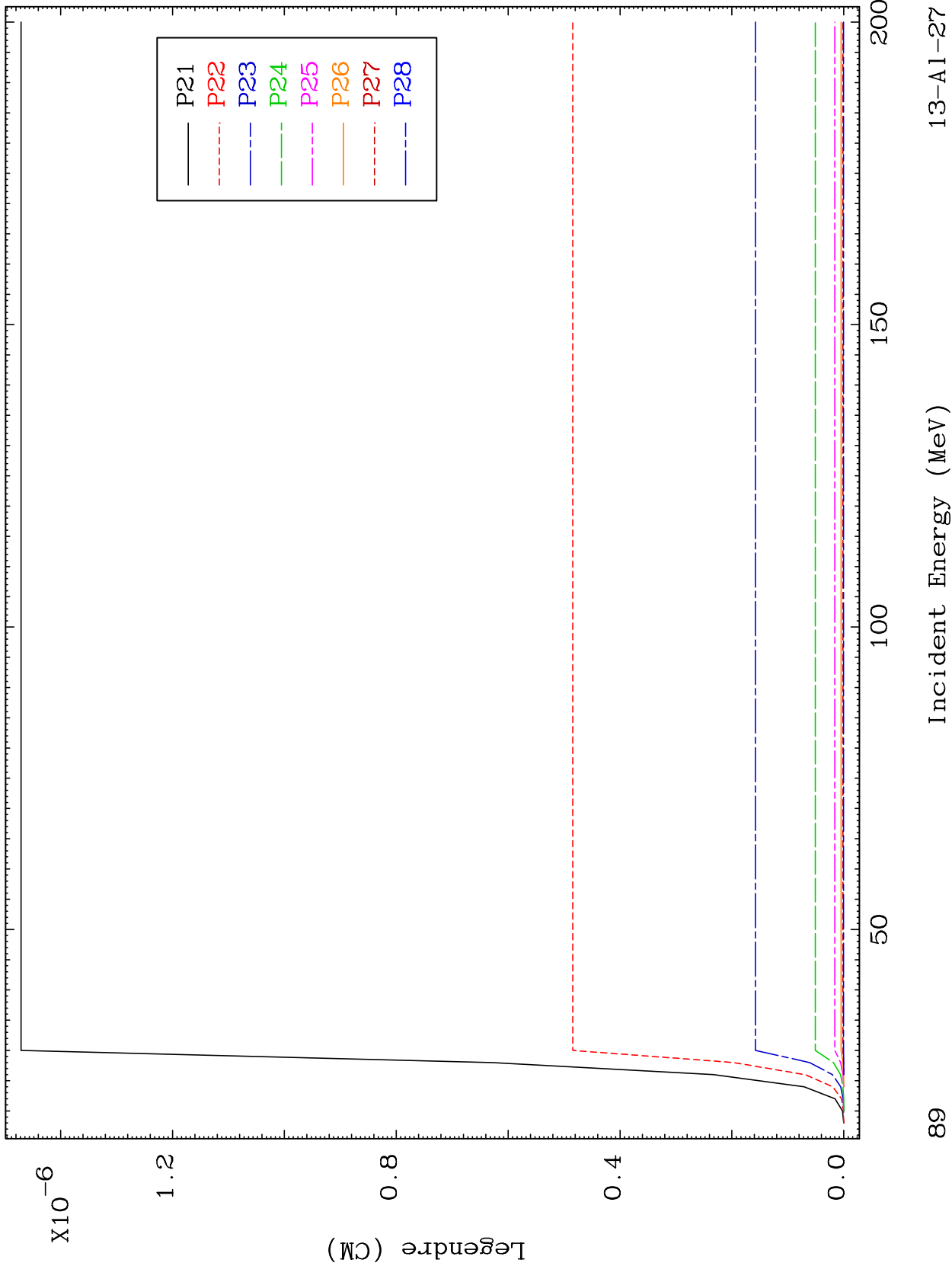
87

Incident Energy (MeV)

13-Al-27



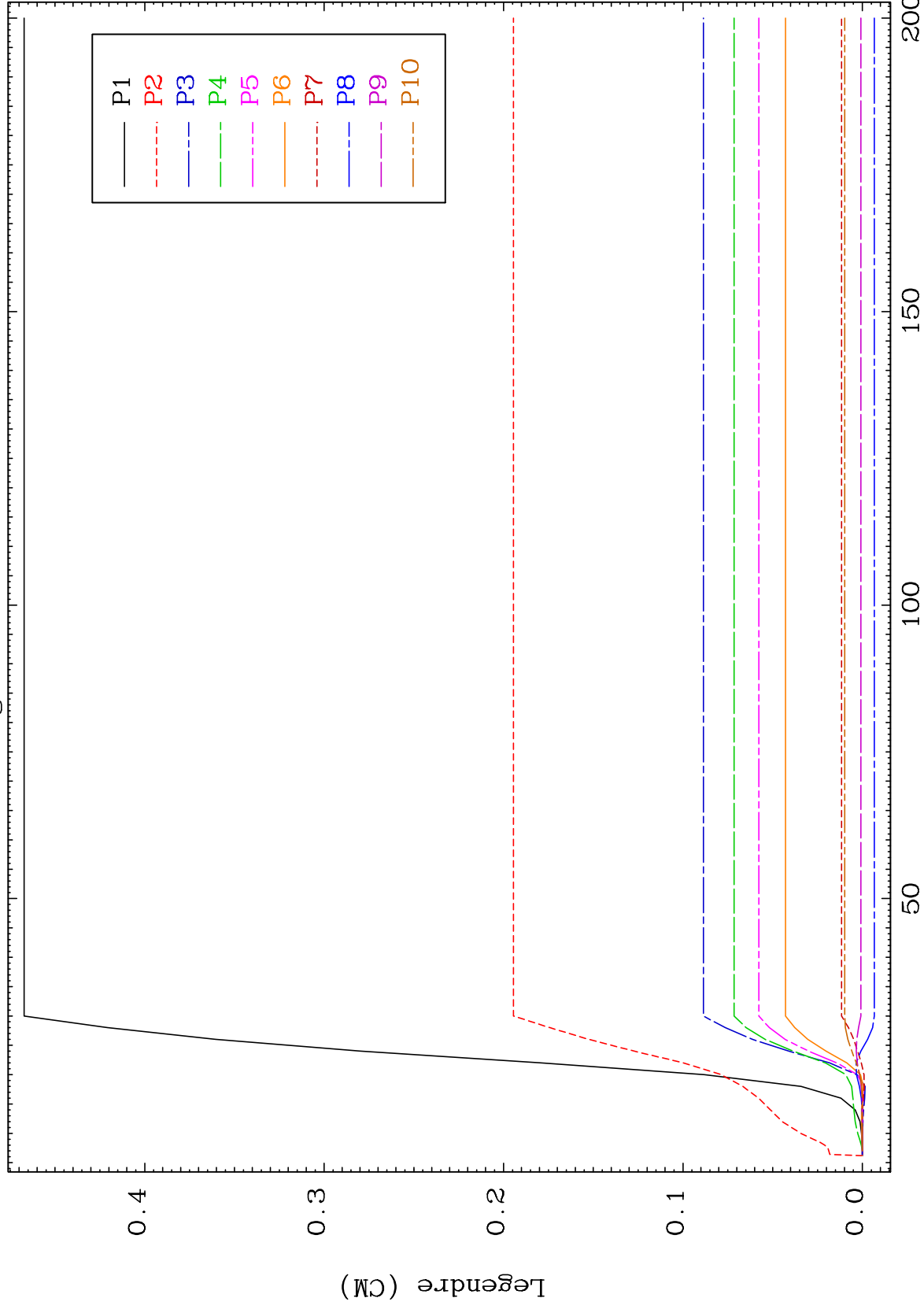




MAT 1325

5.960 MeV (n,n') Level  
Legendre Coefficients

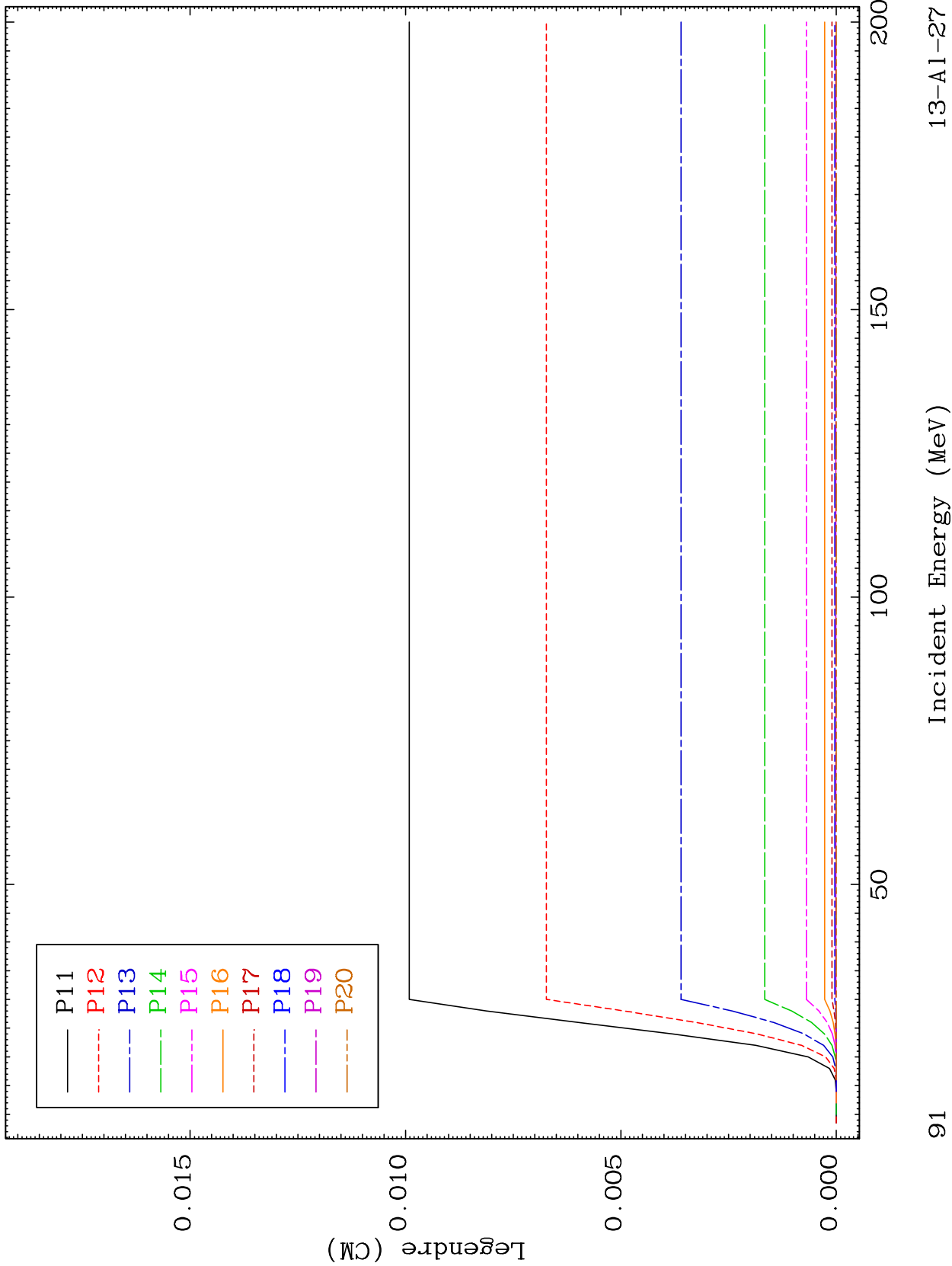
13-A1-27



90

Incident Energy (MeV)

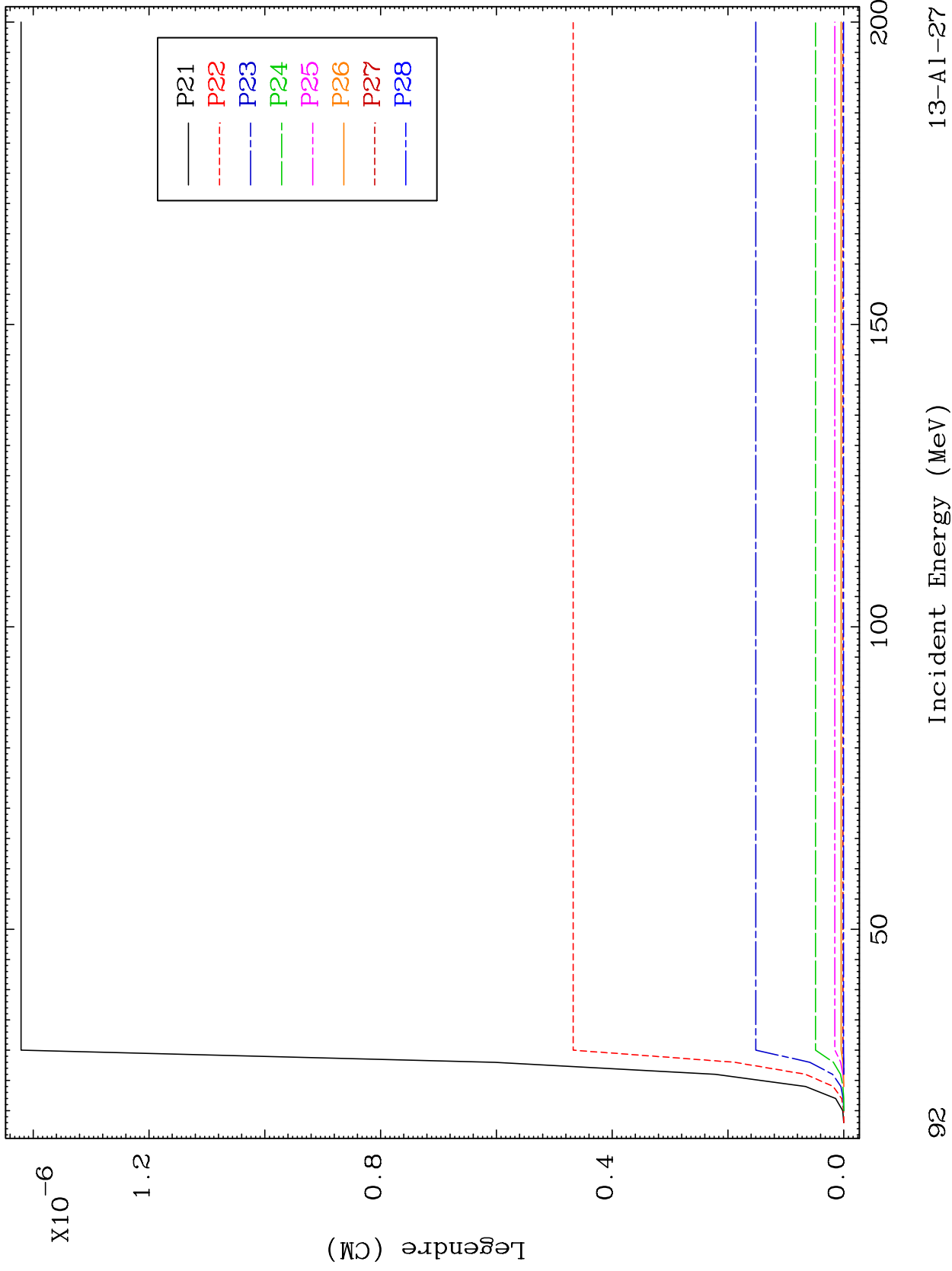
13-A1-27

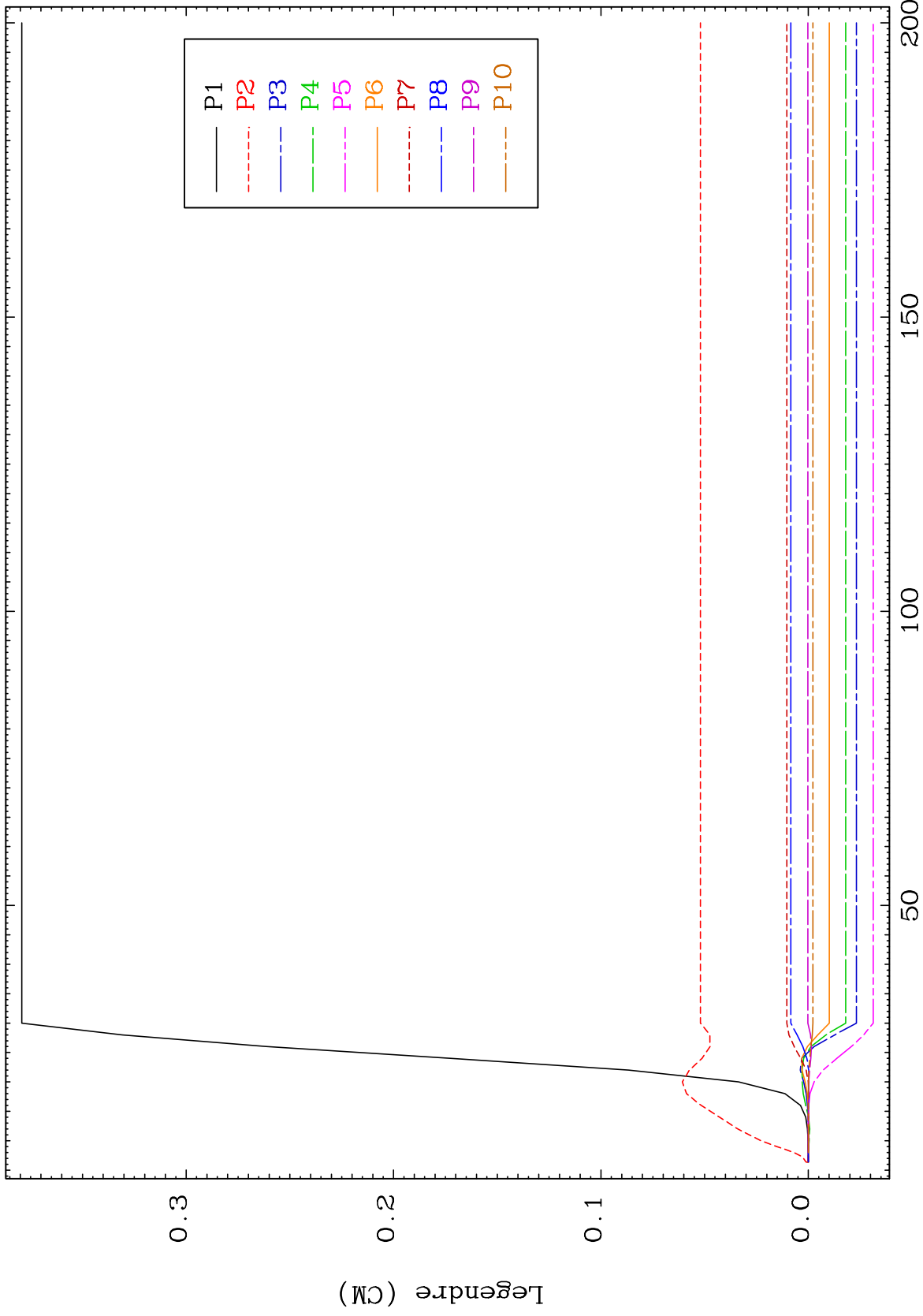


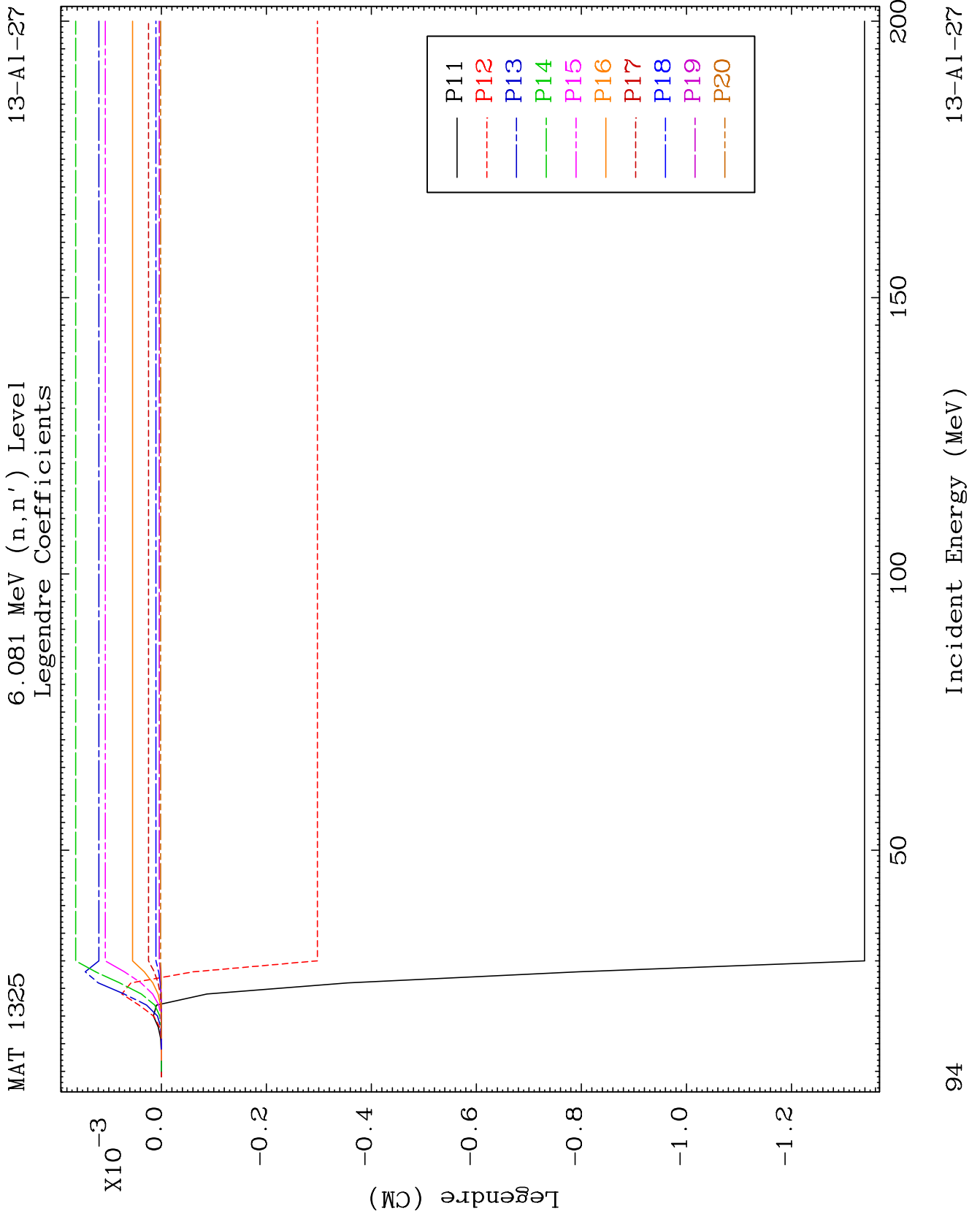
MAT 1325

5.960 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



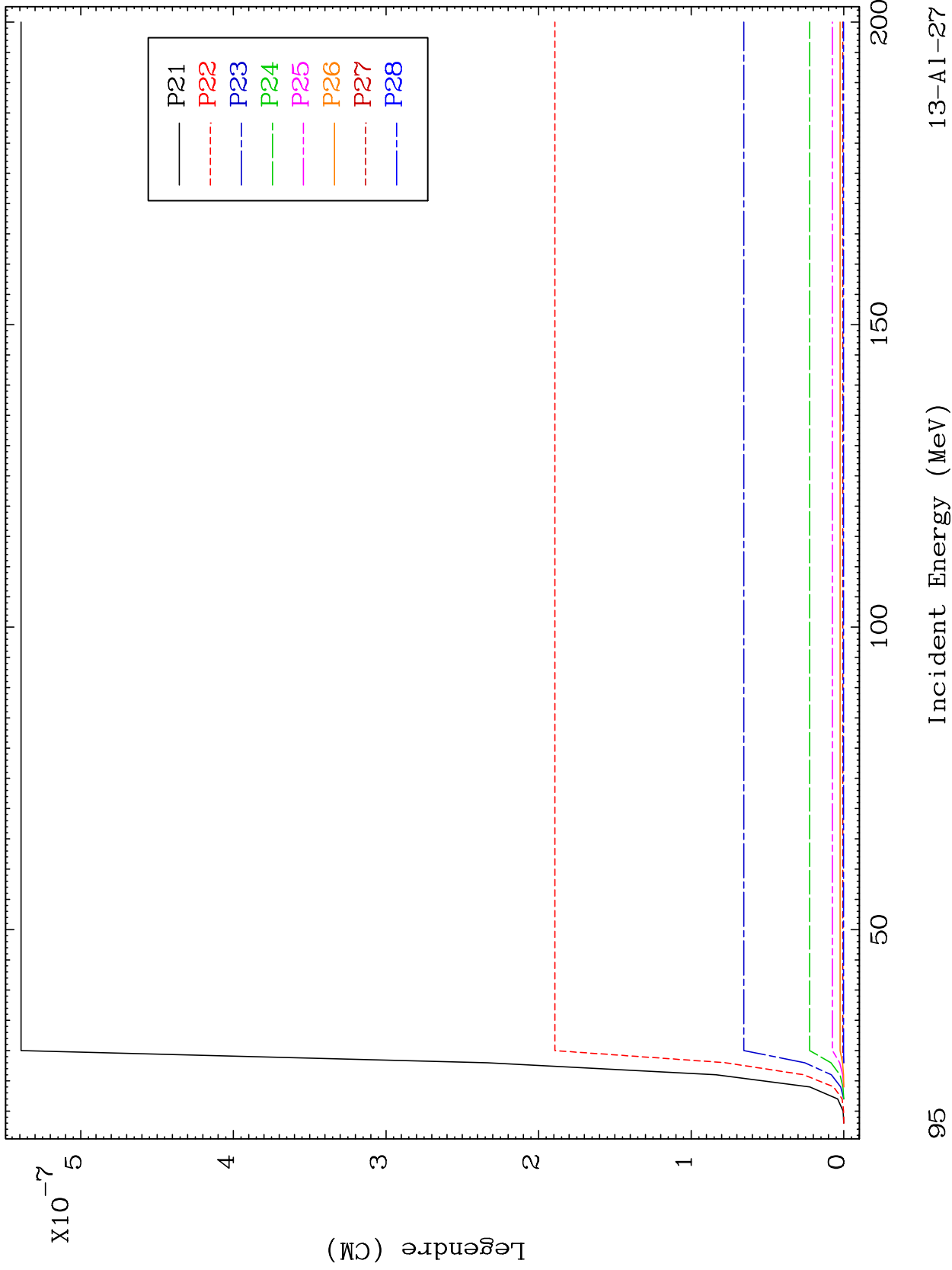




MAT 1325

6.081 MeV (n,n') Level  
Legendre Coefficients

13-A1-27

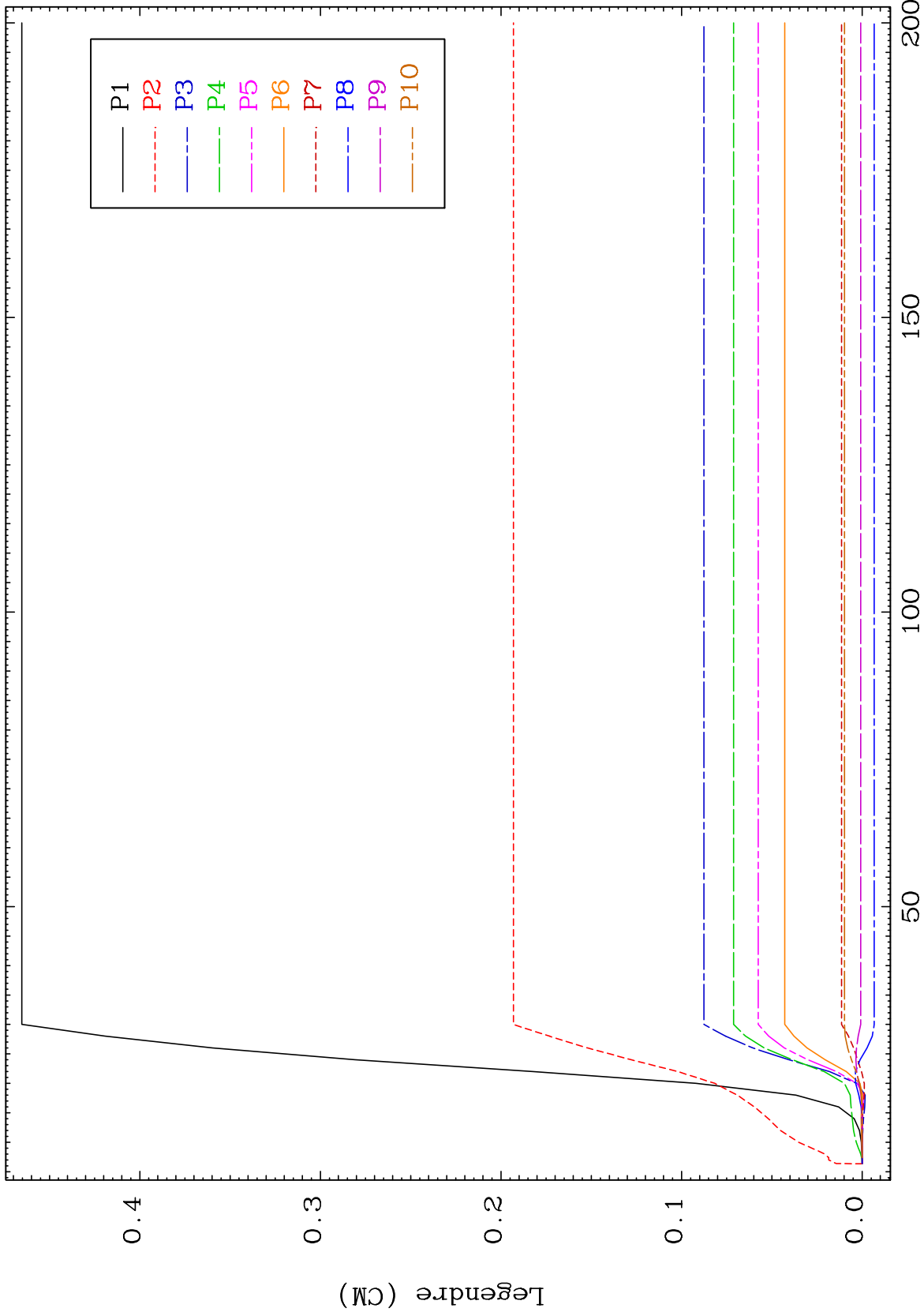


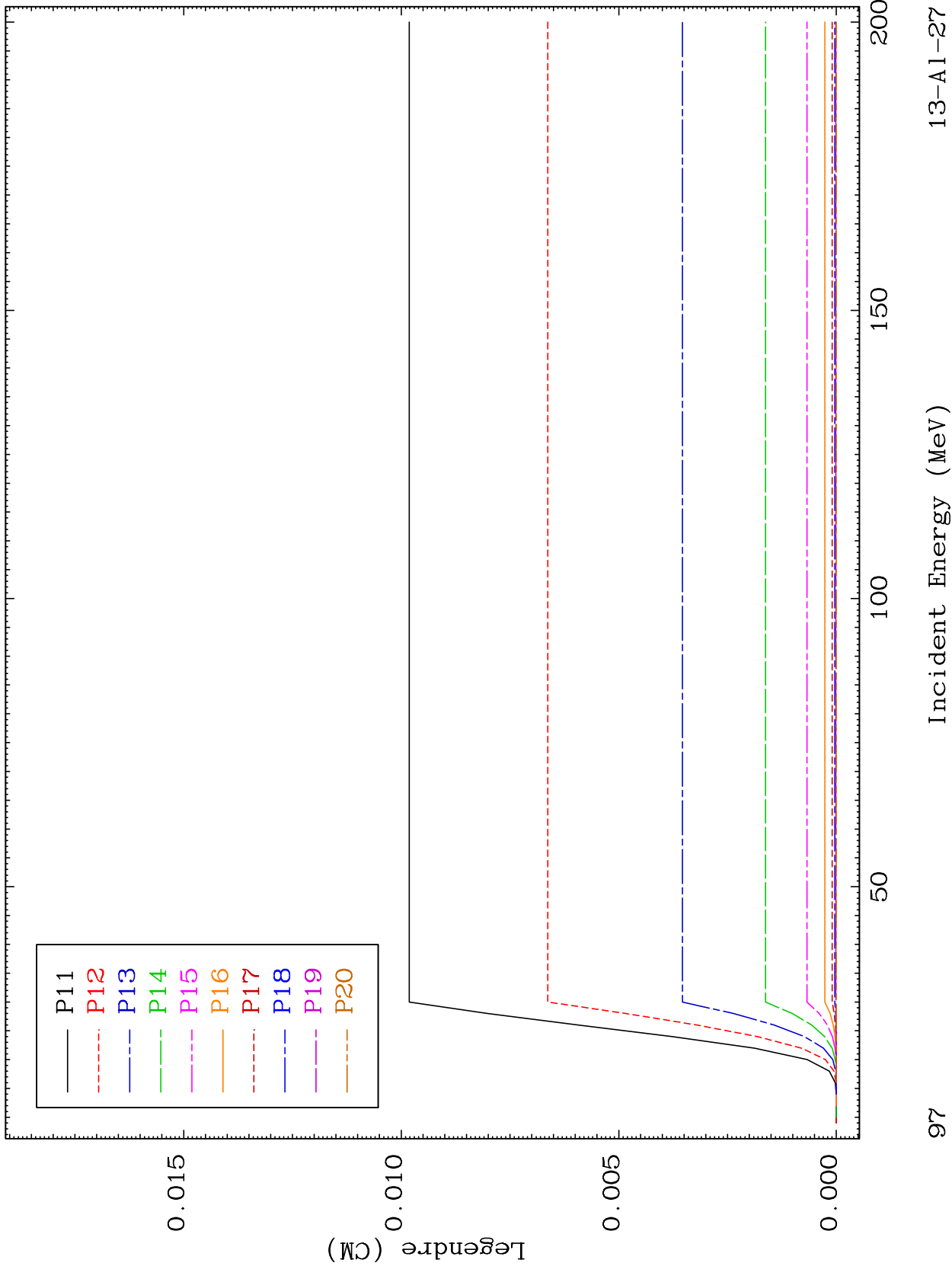
13-A1-27

Incident Energy (MeV)

95



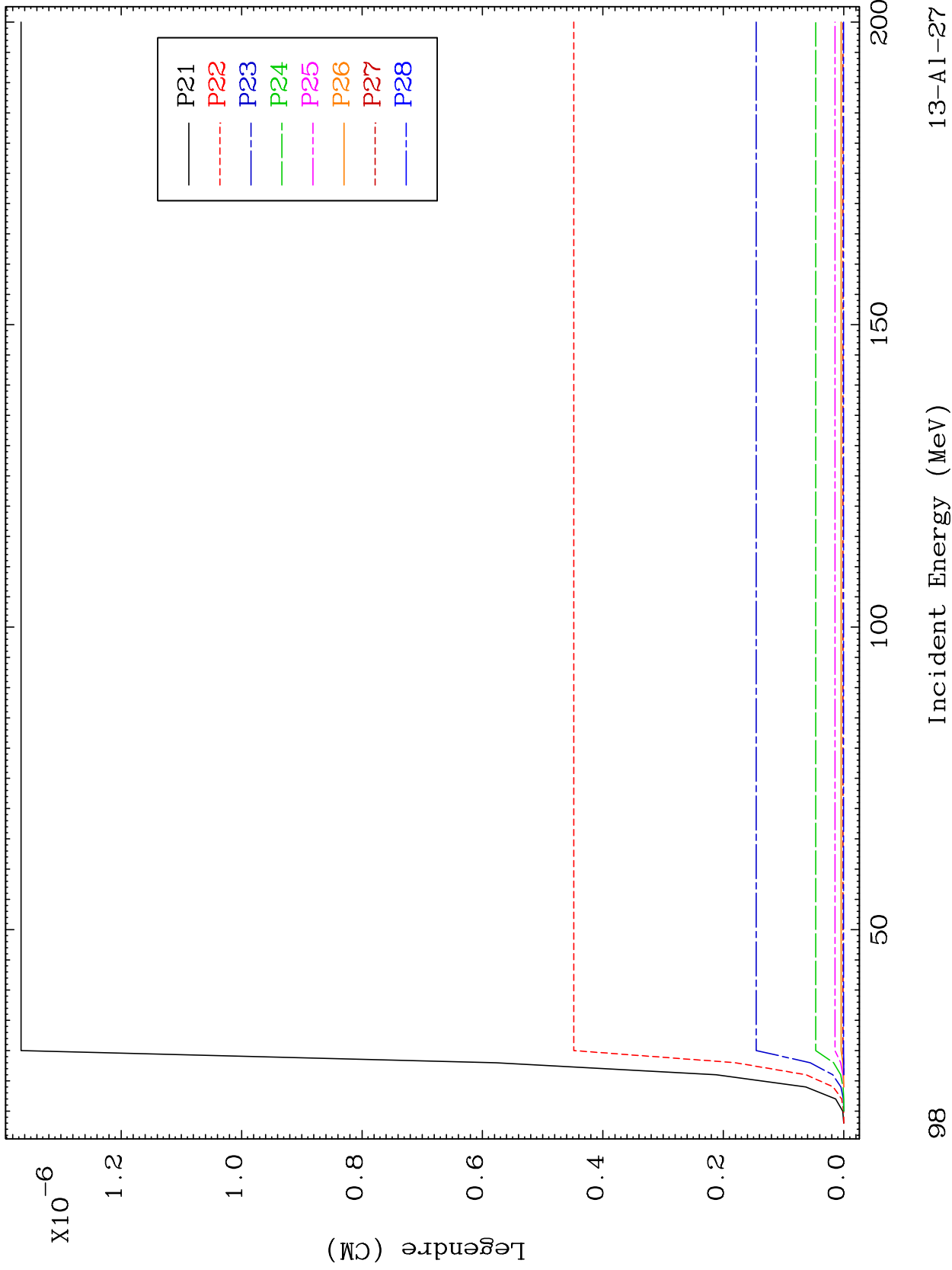




MAT 1325

6.116 MeV (n,n') Level  
Legendre Coefficients

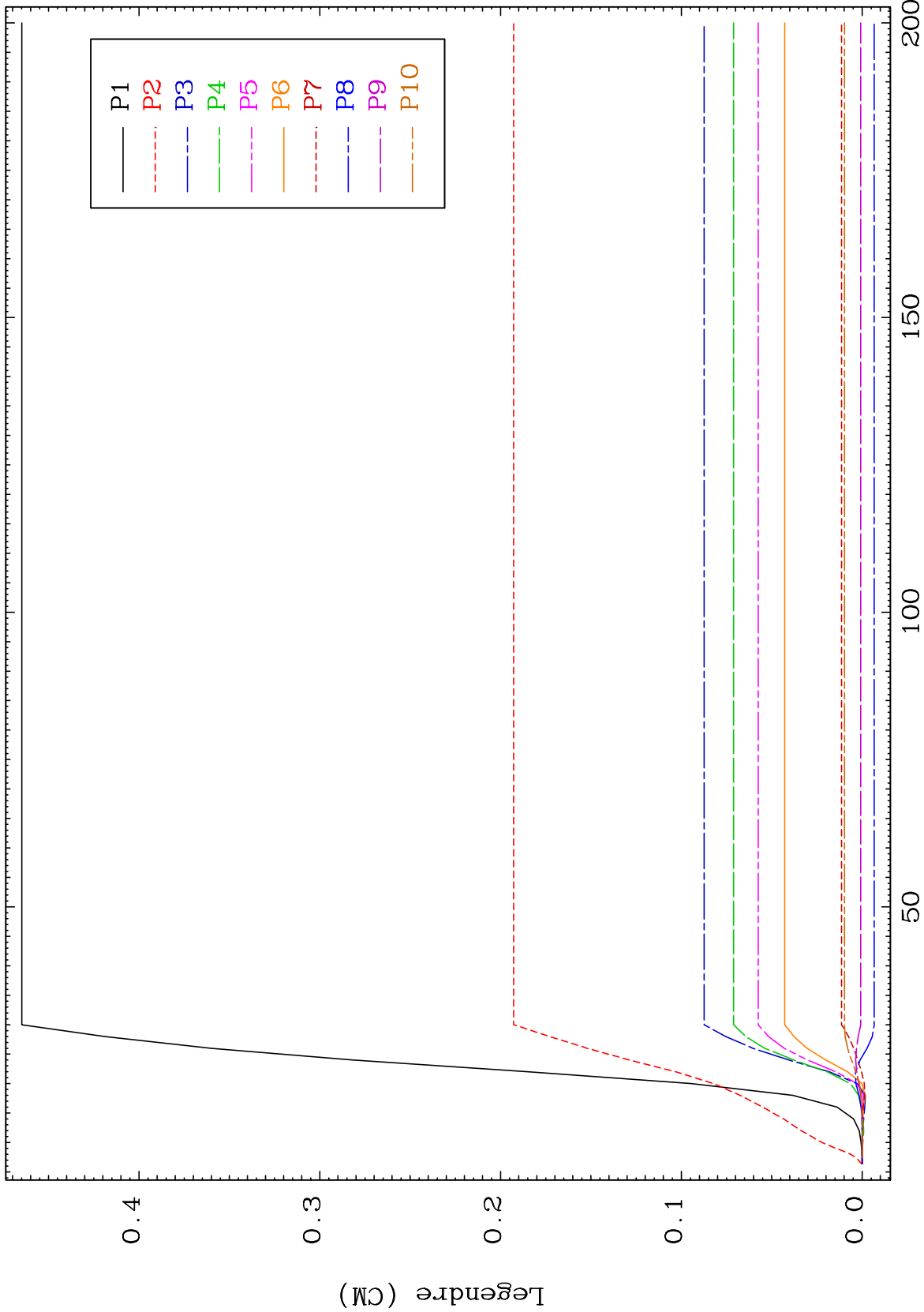
13-Al-27



98

Incident Energy (MeV)

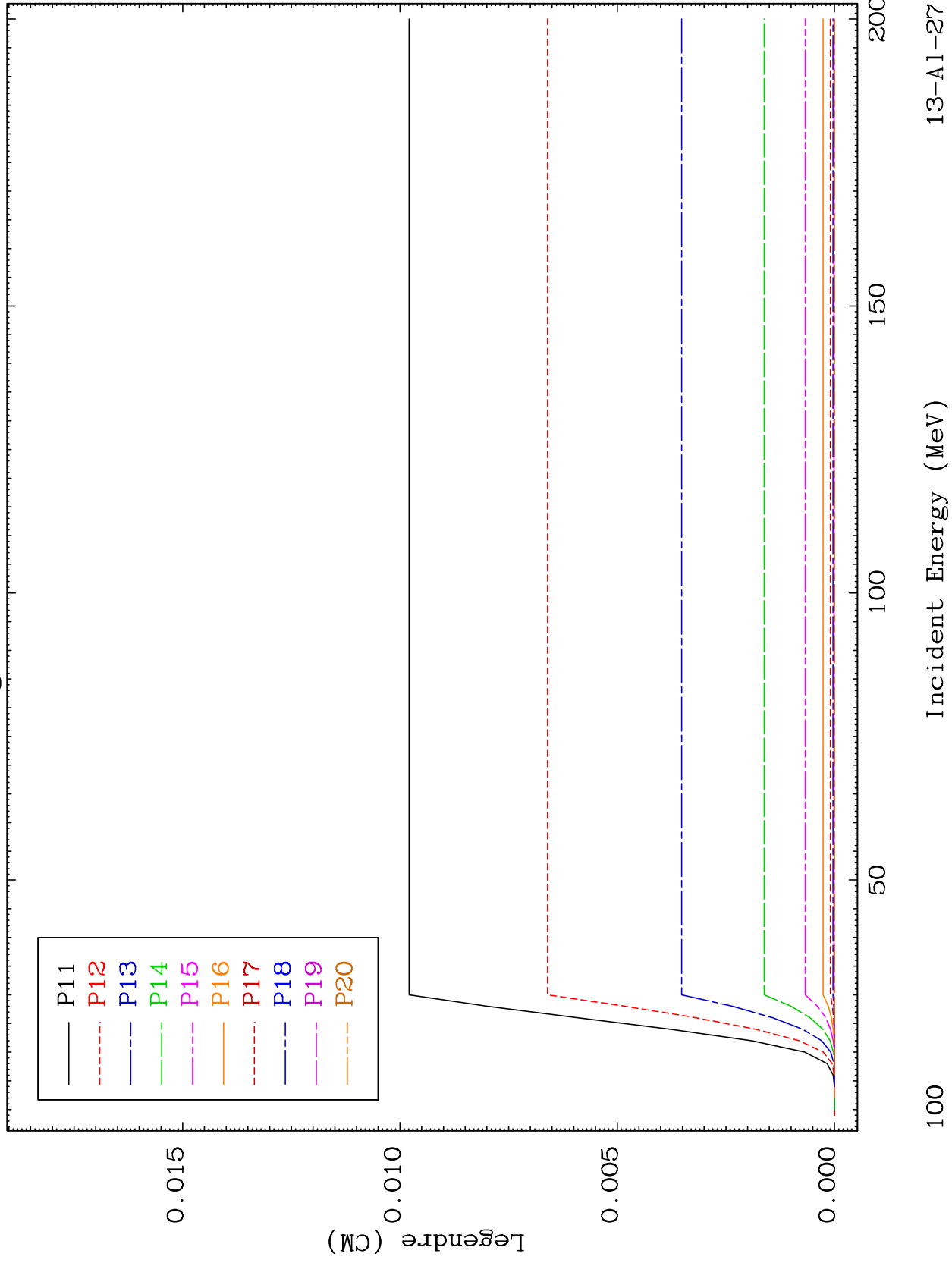
13-Al-27



MAT 1325

6.158 MeV (n,n') Level  
Legendre Coefficients

13-Al-27



13-Al-27

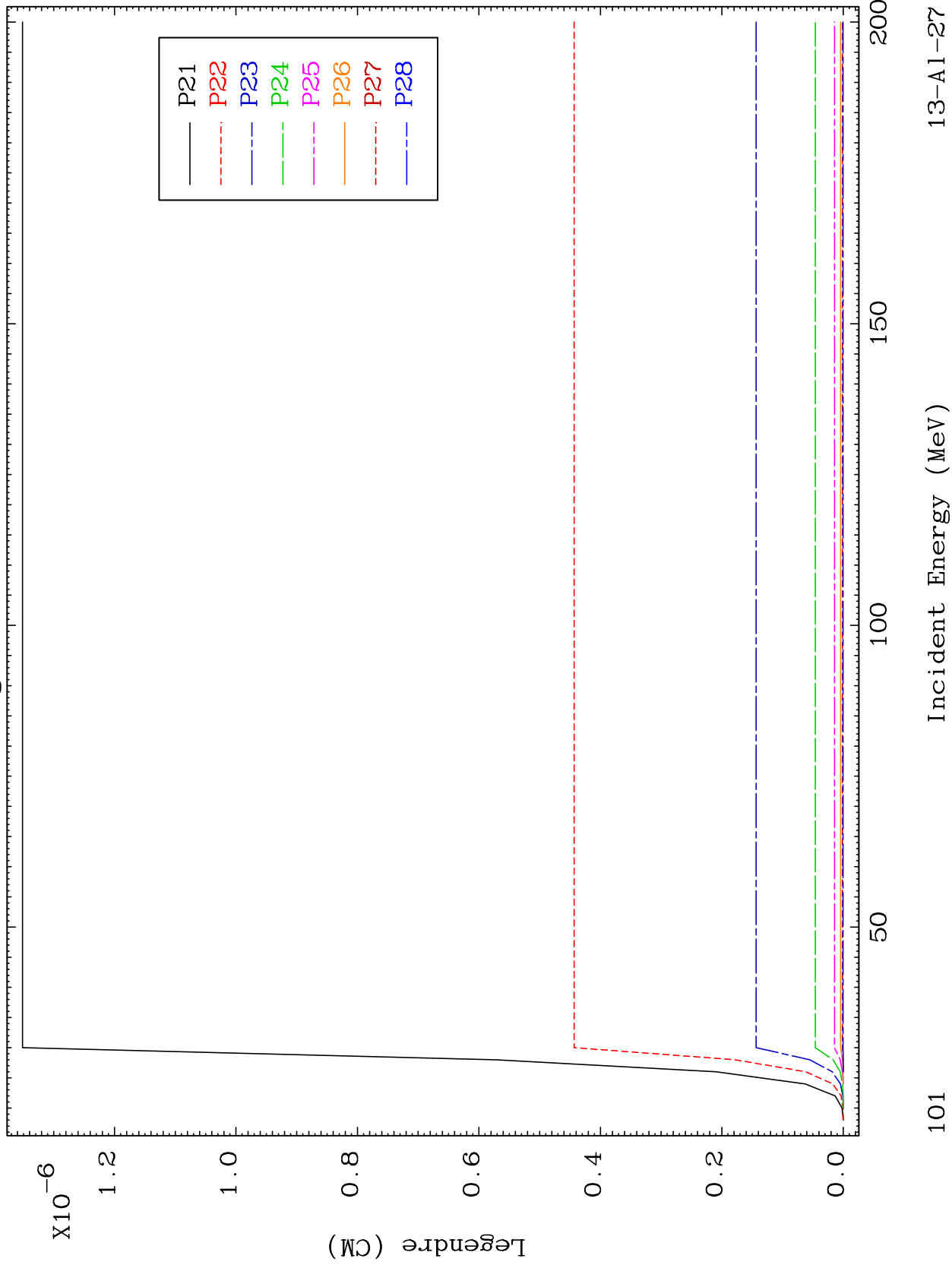
Incident Energy (MeV)

100

MAT 1325

6.158 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



101

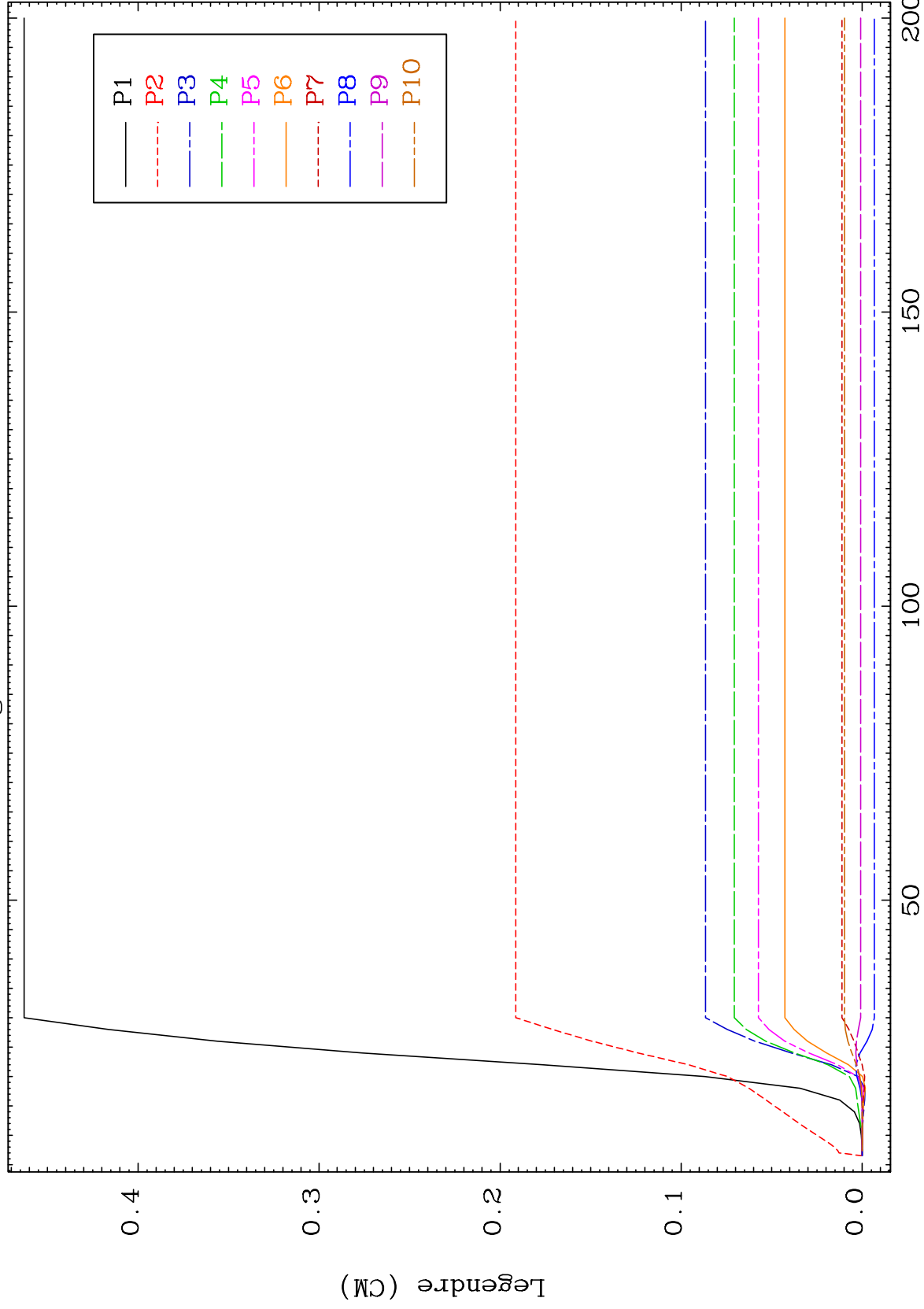
Incident Energy (MeV)

13-A1-27

MAT 1325

6.285 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



102

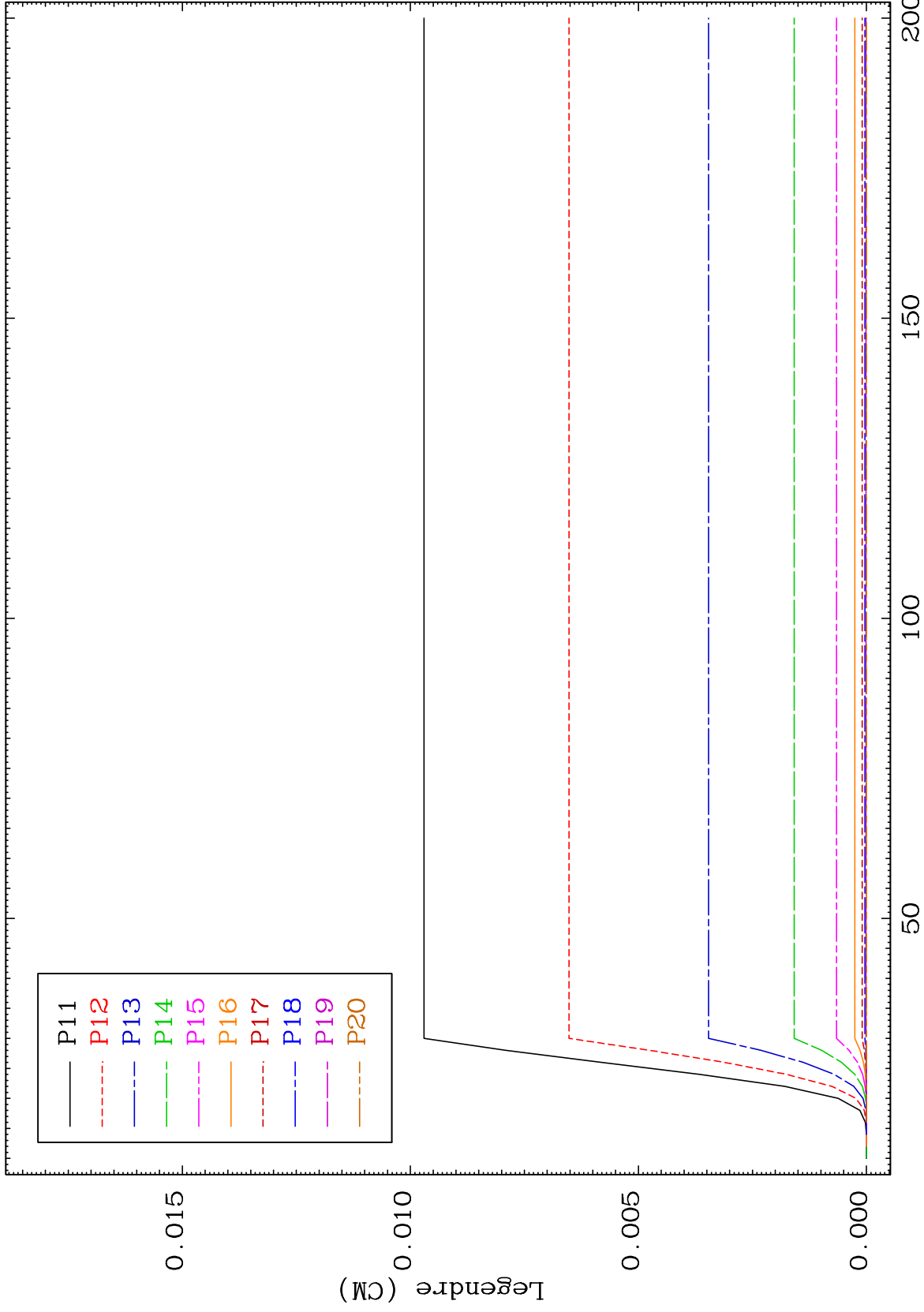
Incident Energy (MeV)

13-A1-27

MAT 1325

6.285 MeV (n,n') Level  
Legendre Coefficients

13-A1-27

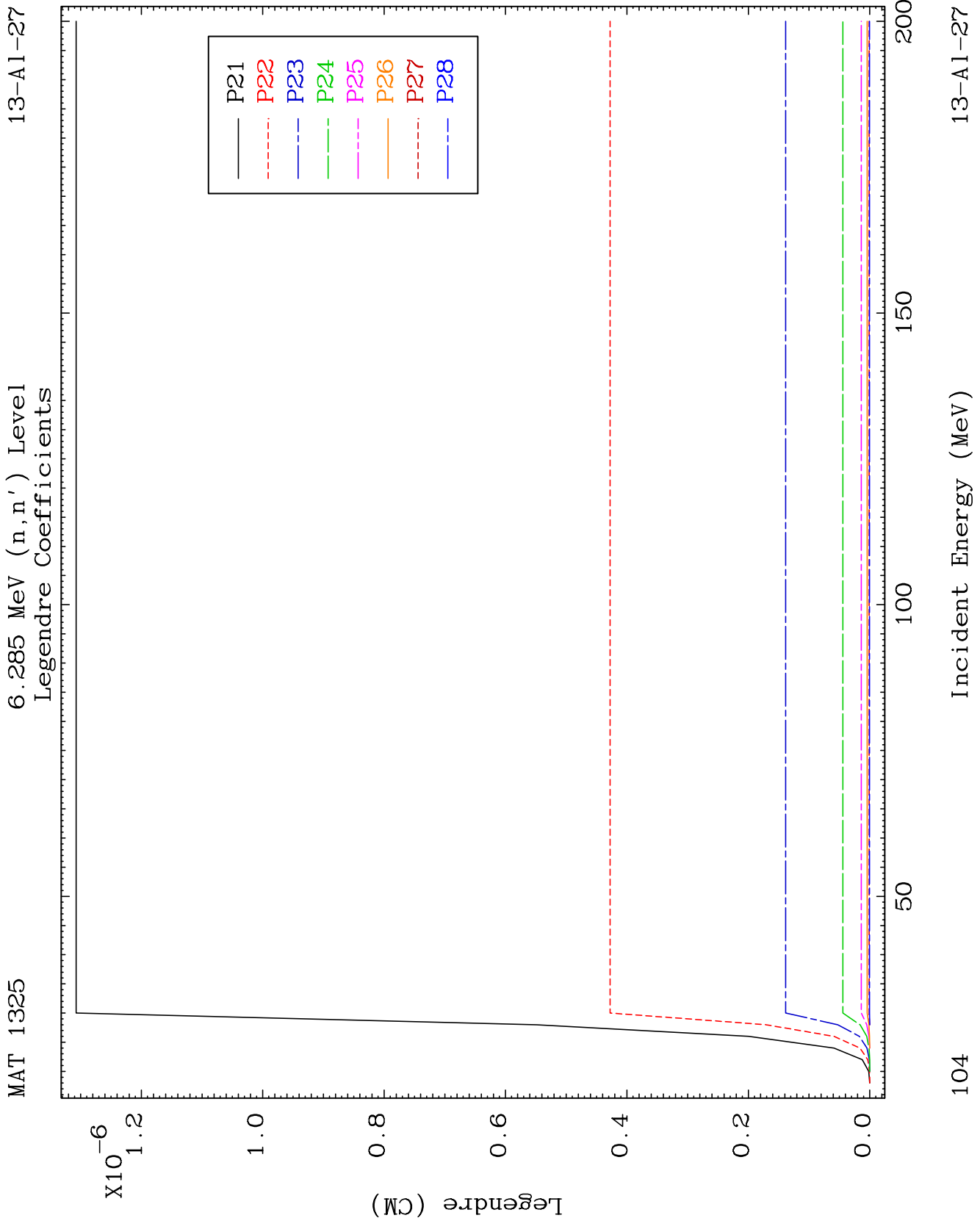


103

Incident Energy (MeV)

13-A1-27

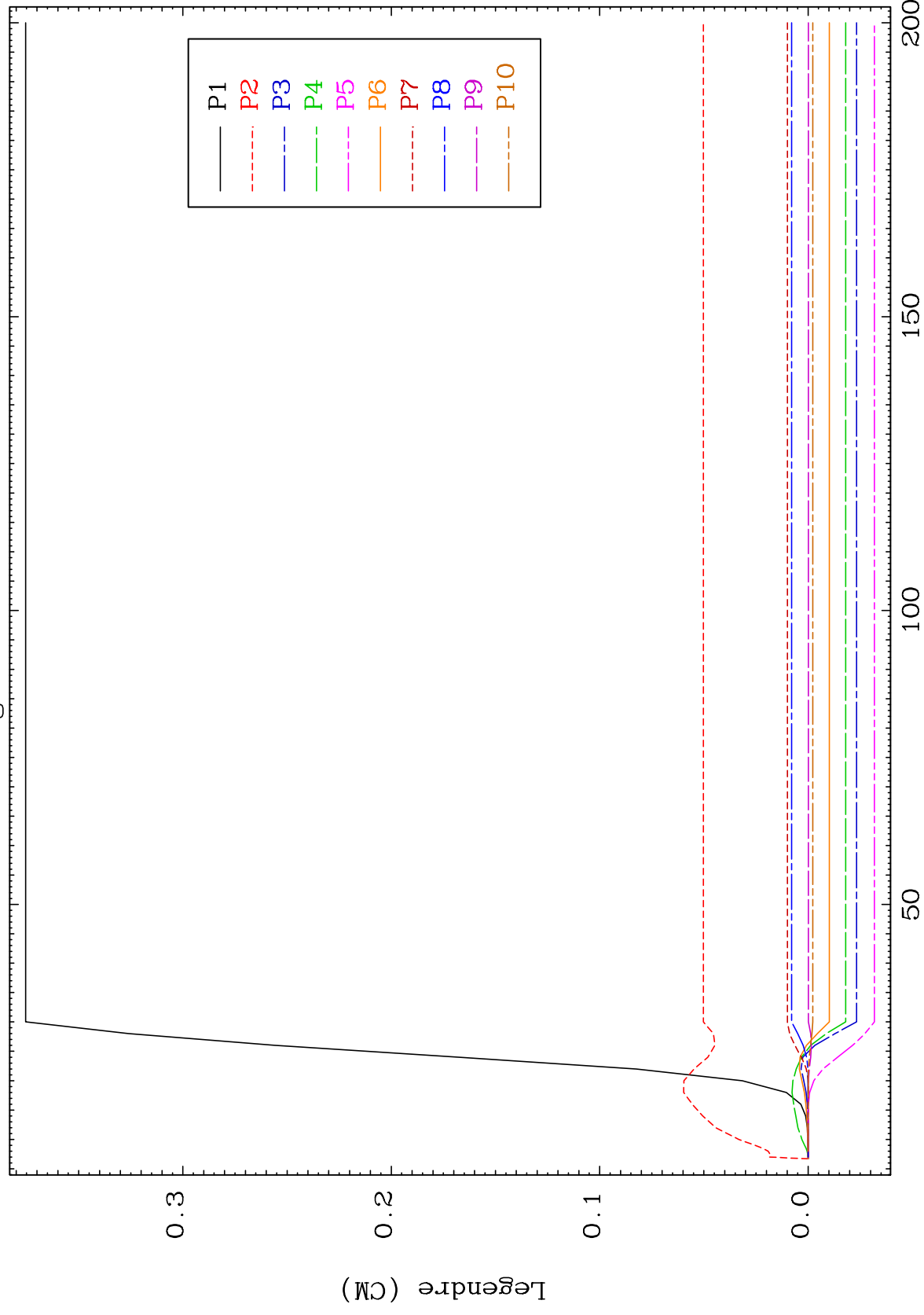




MAT 1325

6.463 MeV (n,n') Level  
Legendre Coefficients

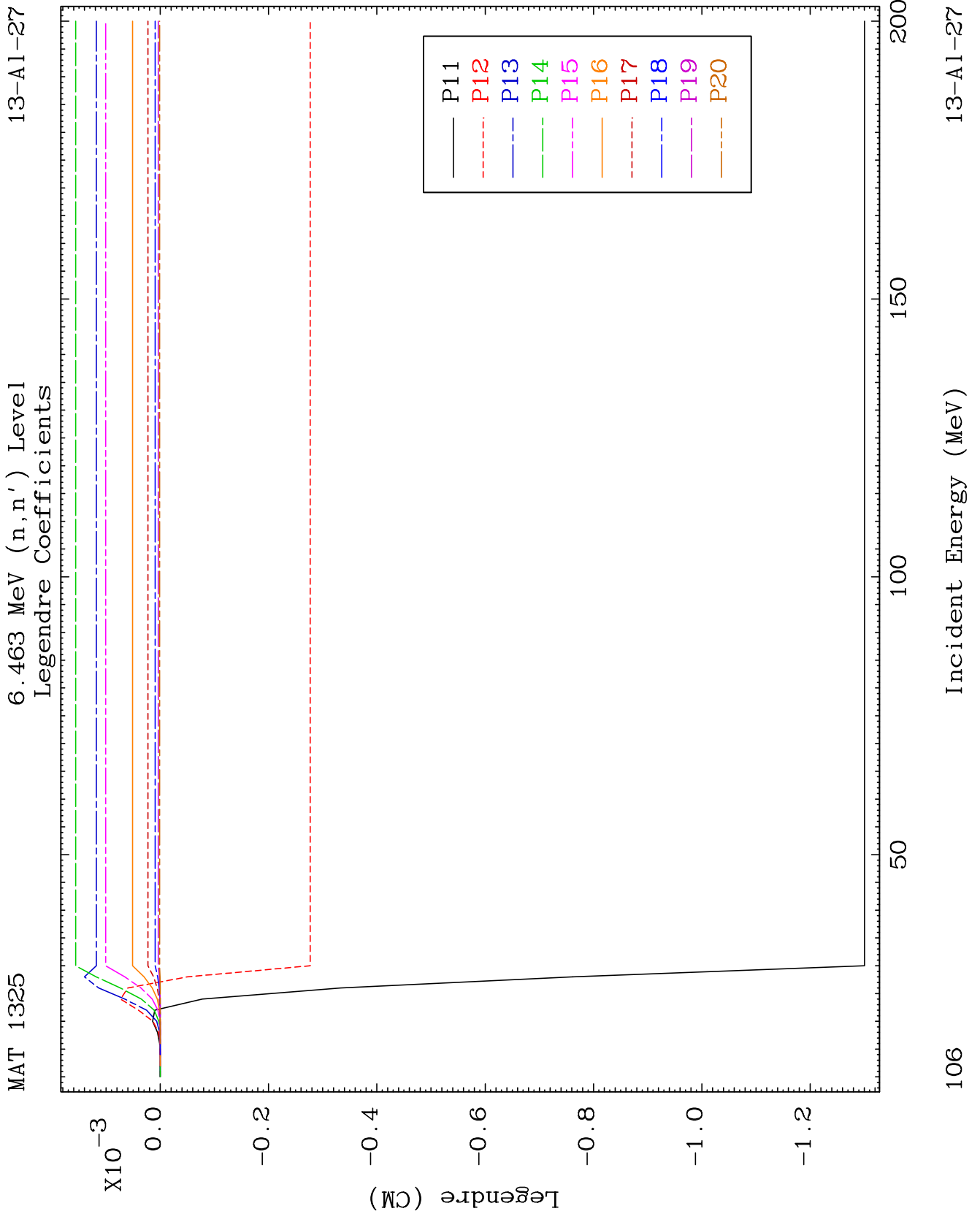
13-A1-27



105

Incident Energy (MeV)

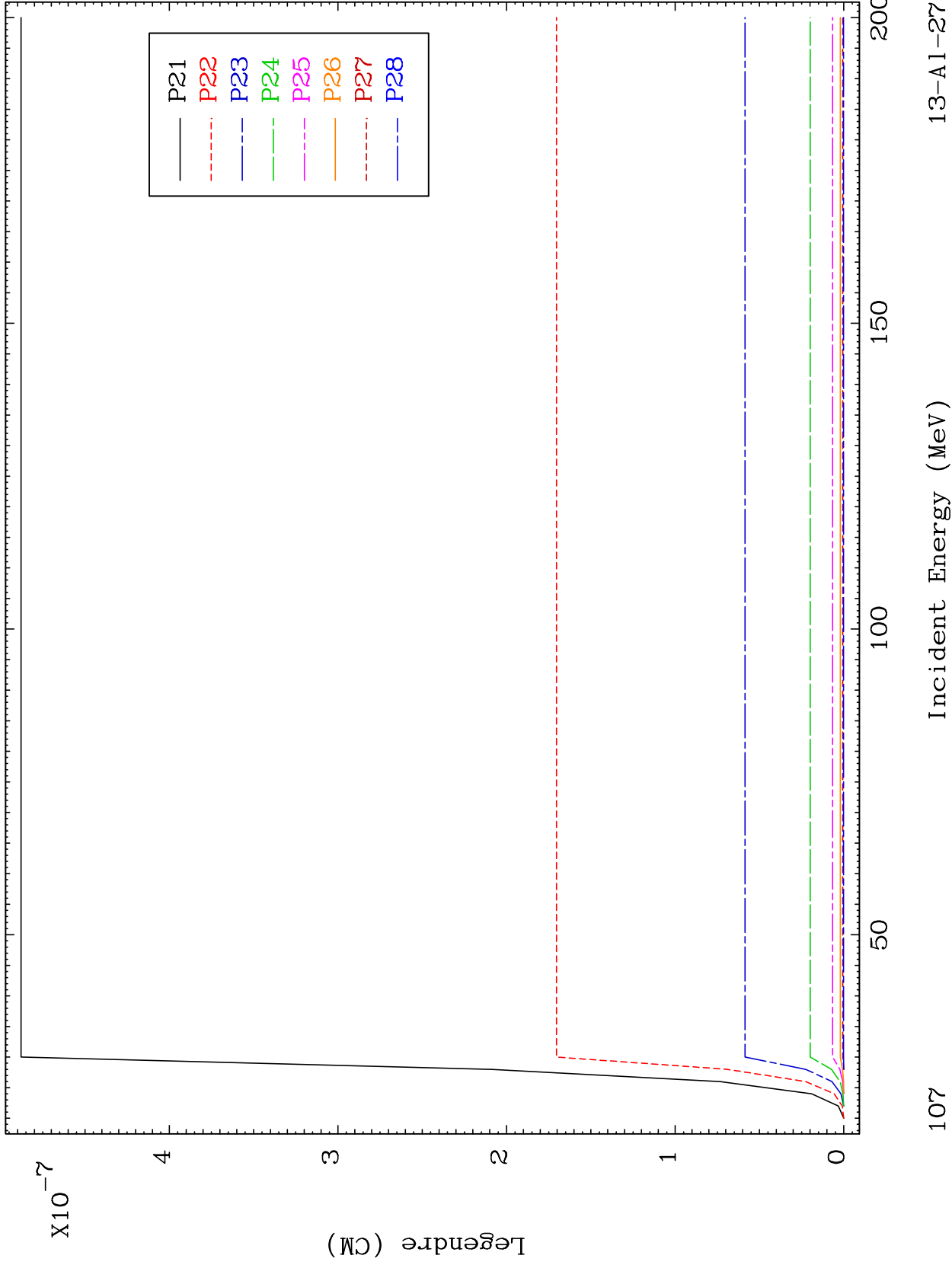
13-A1-27



MAT 1325

6.463 MeV (n,n') Level  
Legendre Coefficients

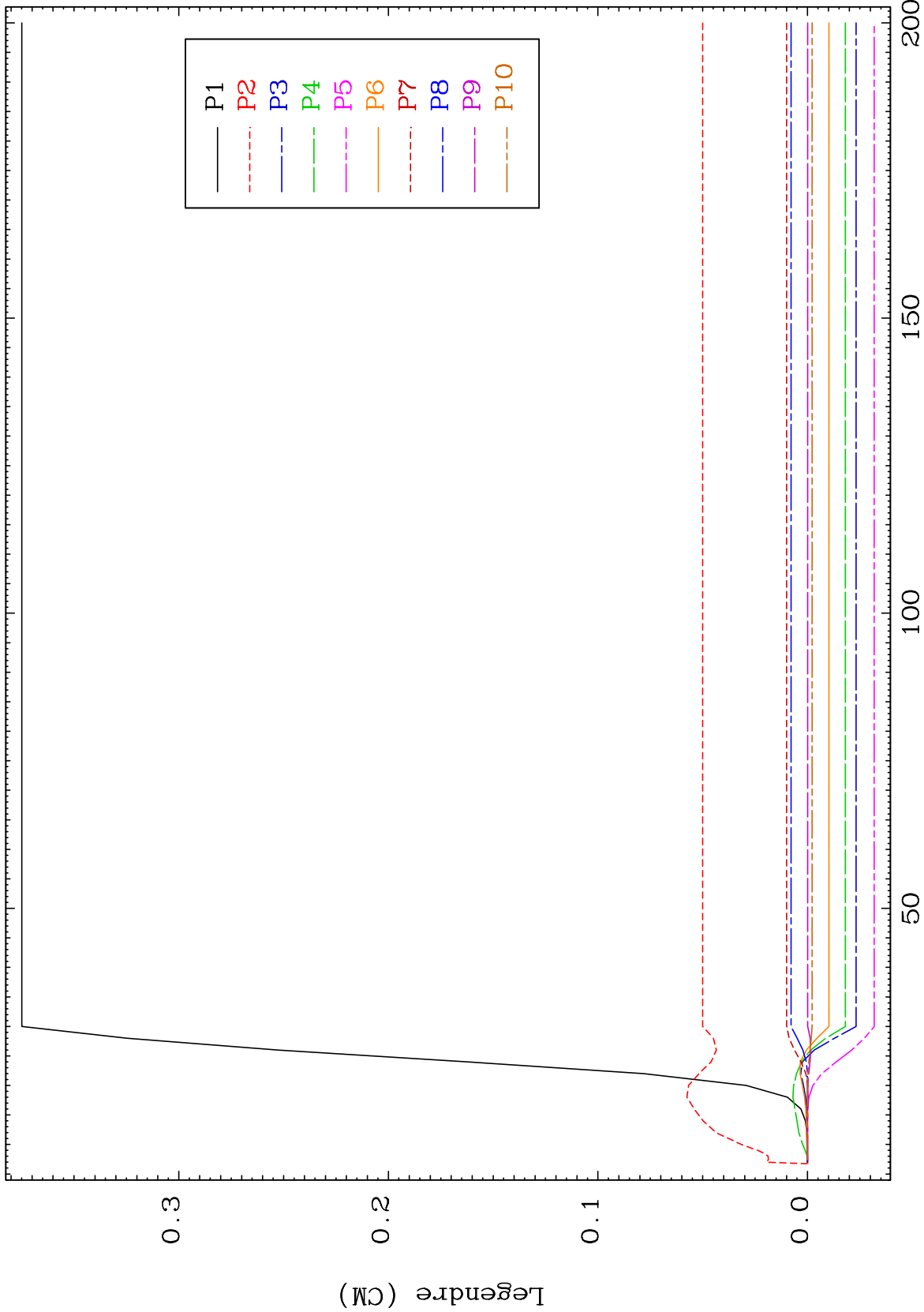
13-A1-27

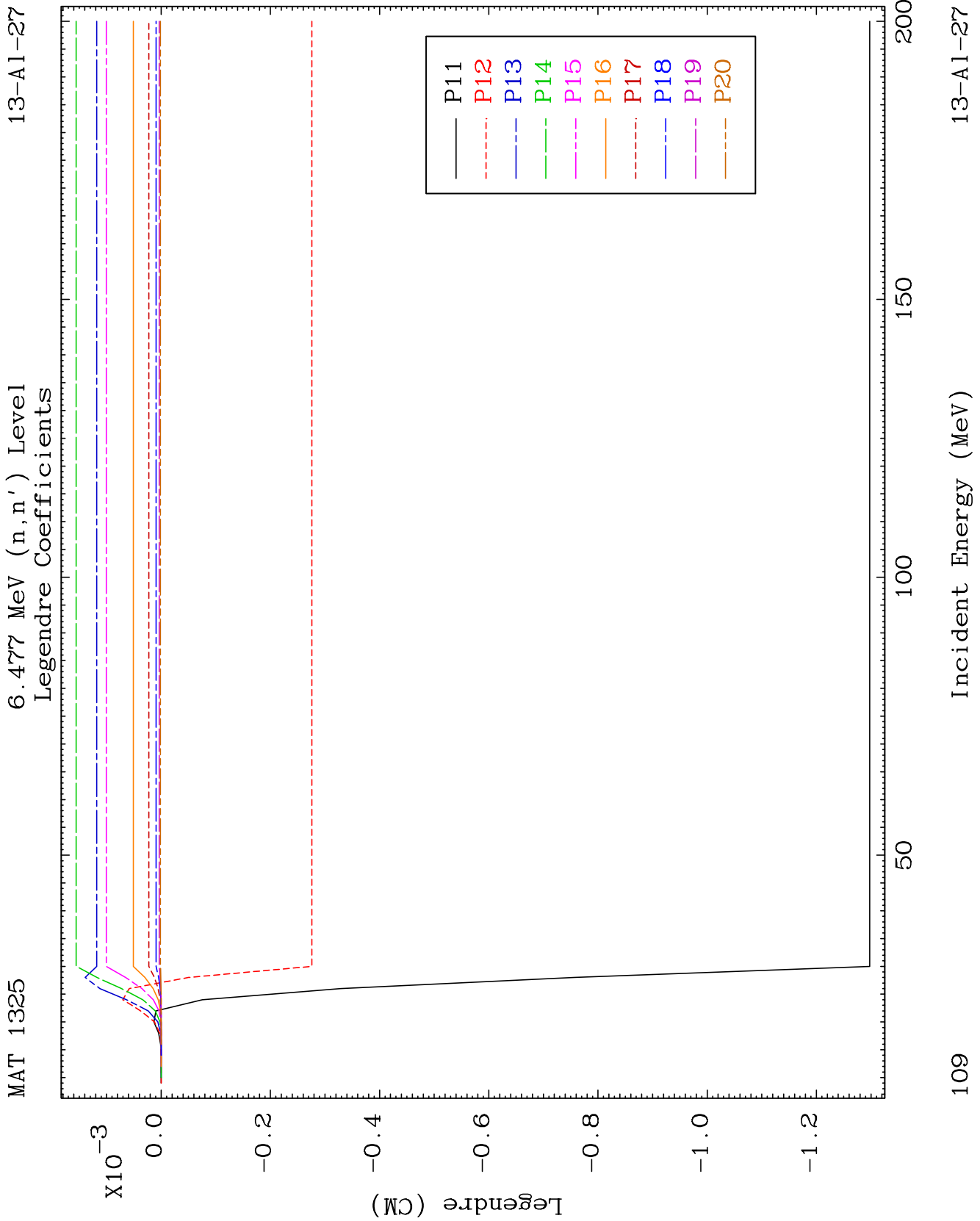


107

Incident Energy (MeV)

13-A1-27

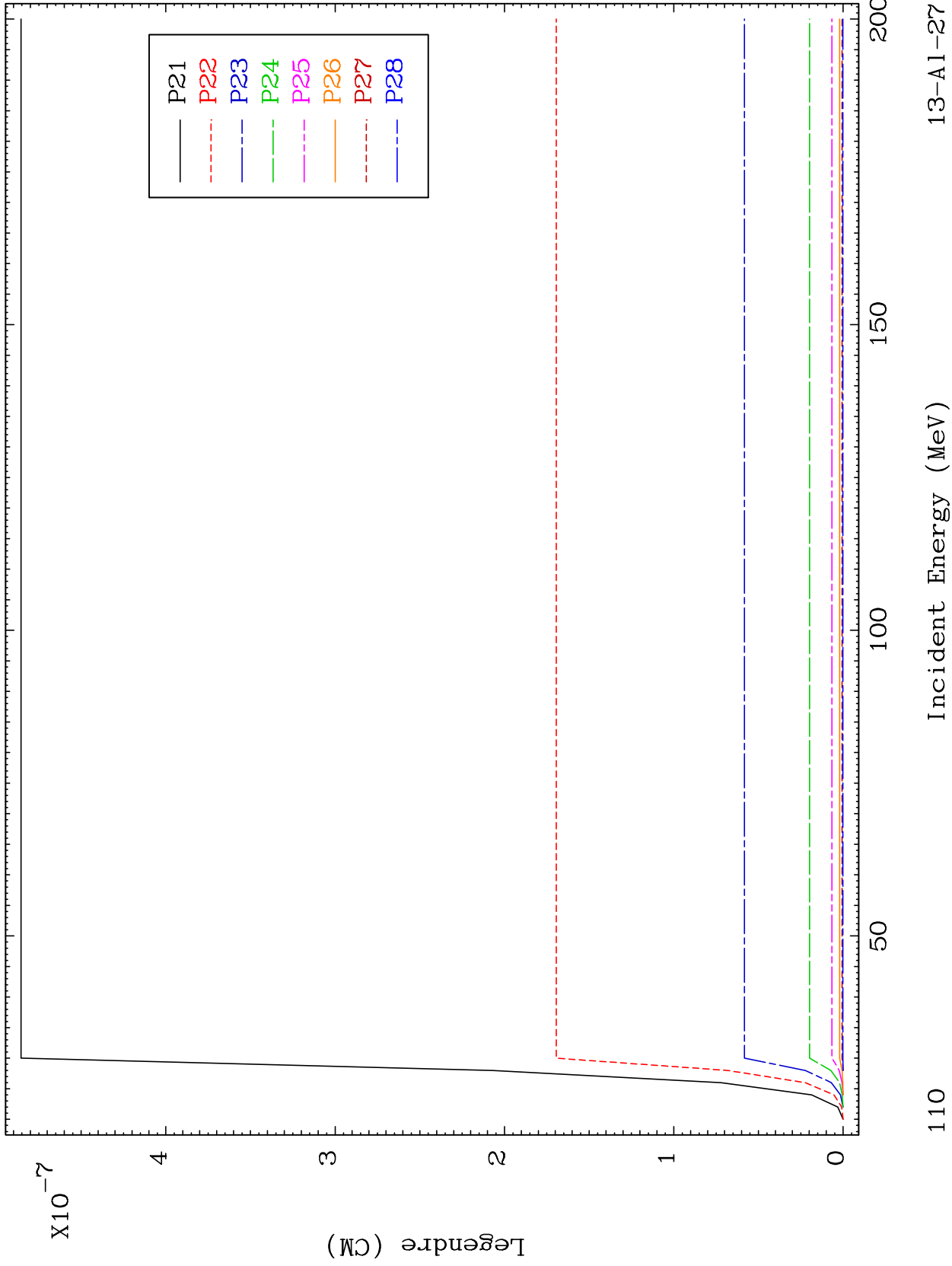




MAT 1325

6.477 MeV (n,n') Level  
Legendre Coefficients

13-A1-27



110

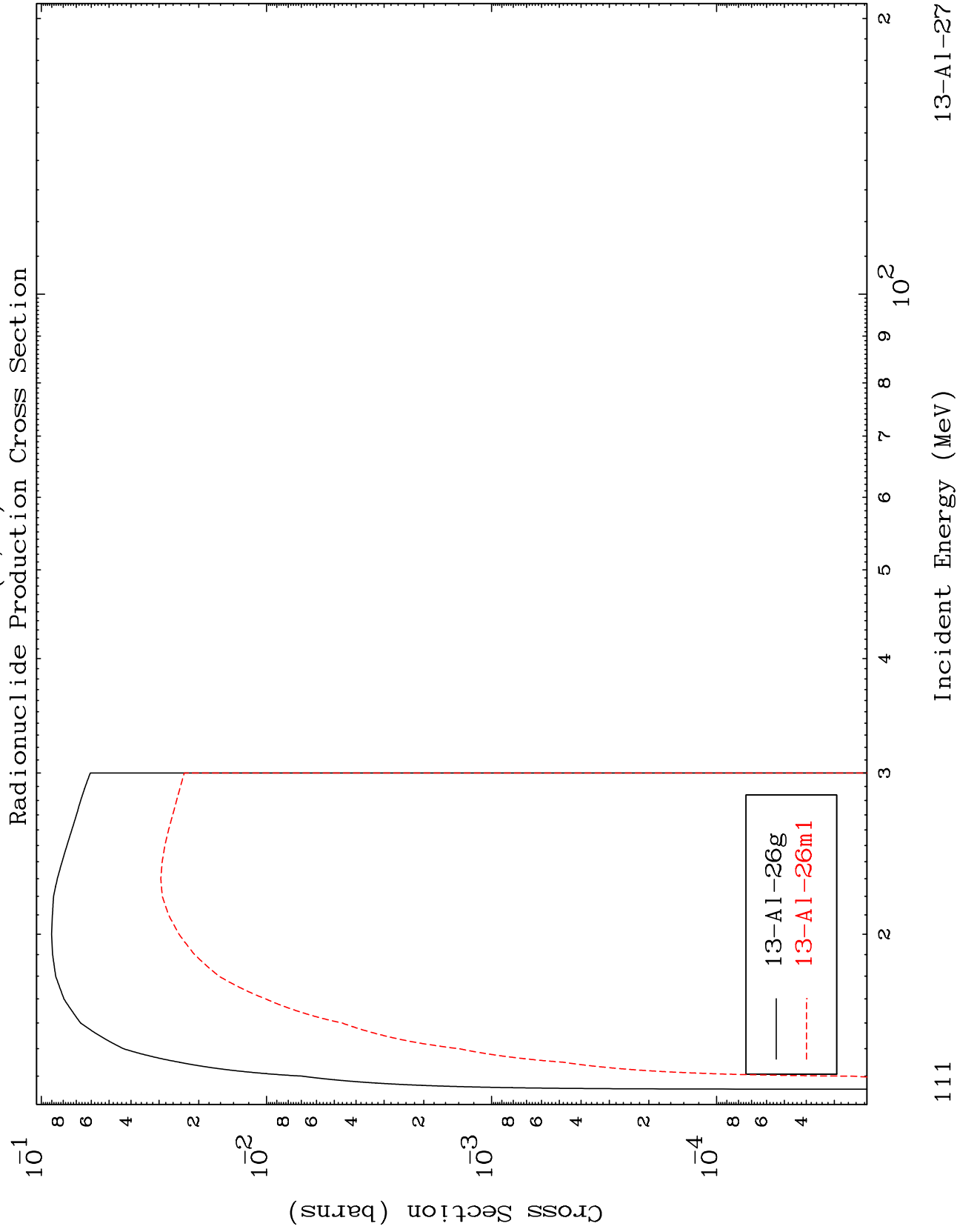
Incident Energy (MeV)

13-A1-27

MAT 1325

(n,2n)

13-Al-27



111