

Program EVALPLOT
(Version 2021-1)

by

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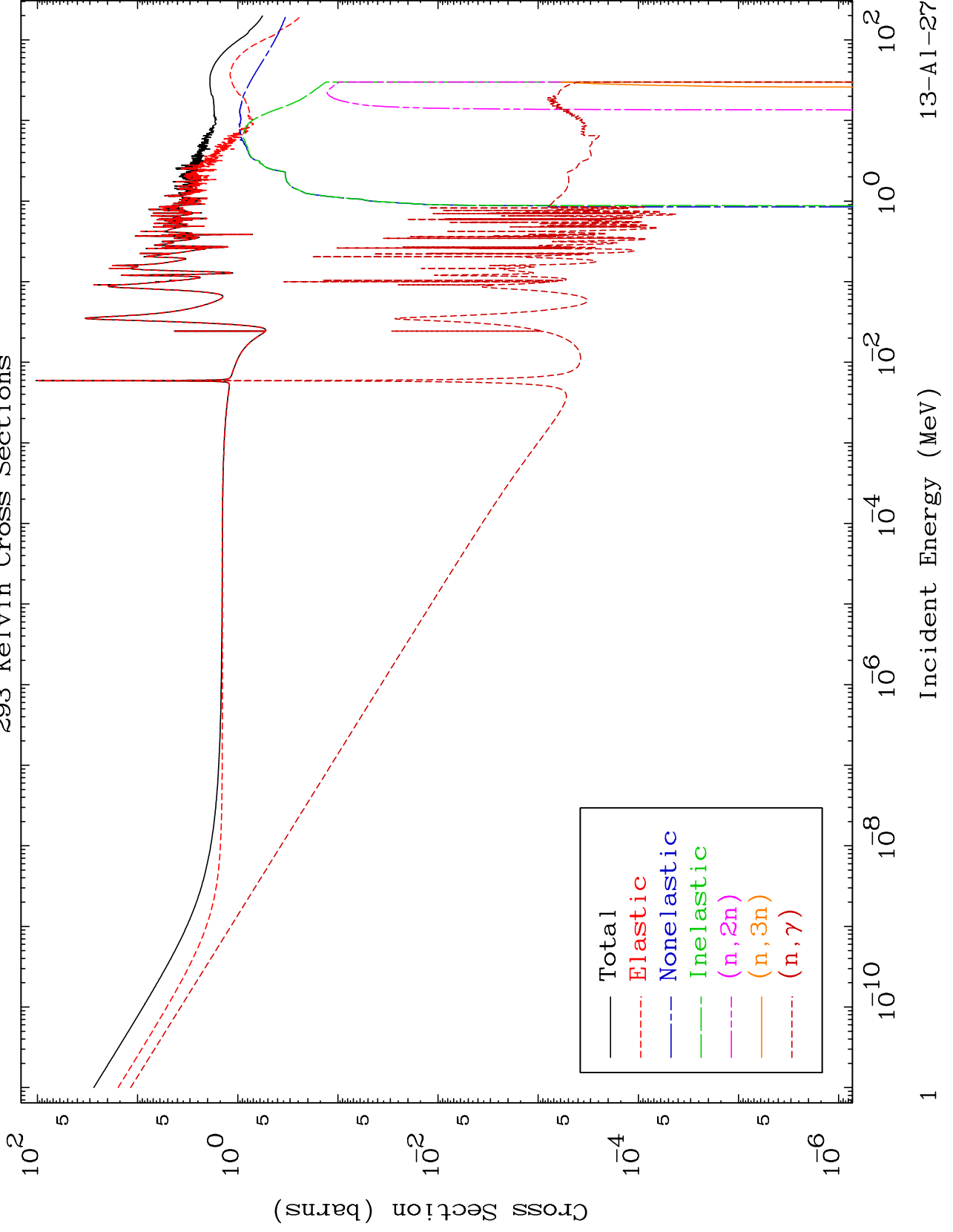
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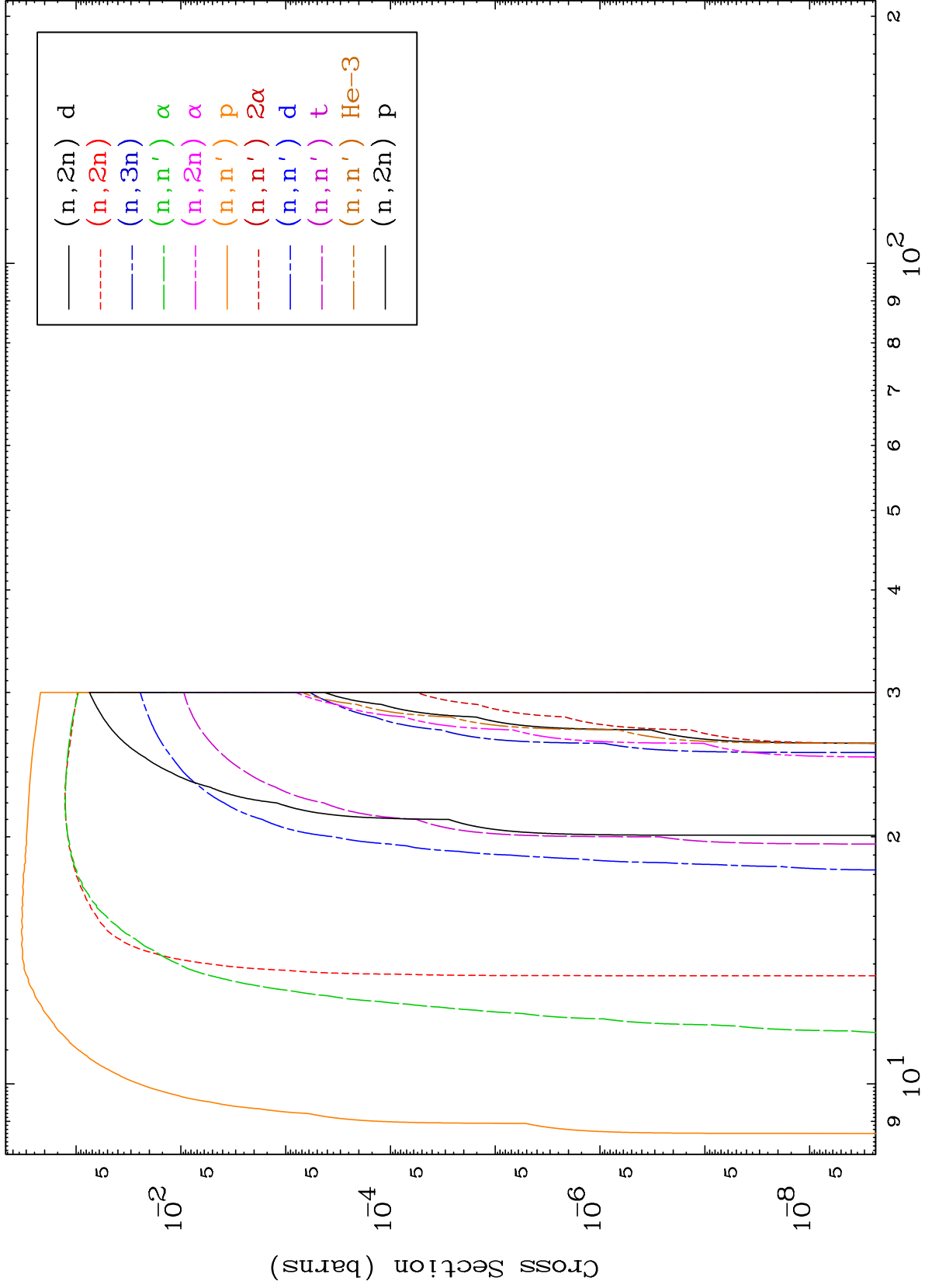
Press Mouse Button to Start

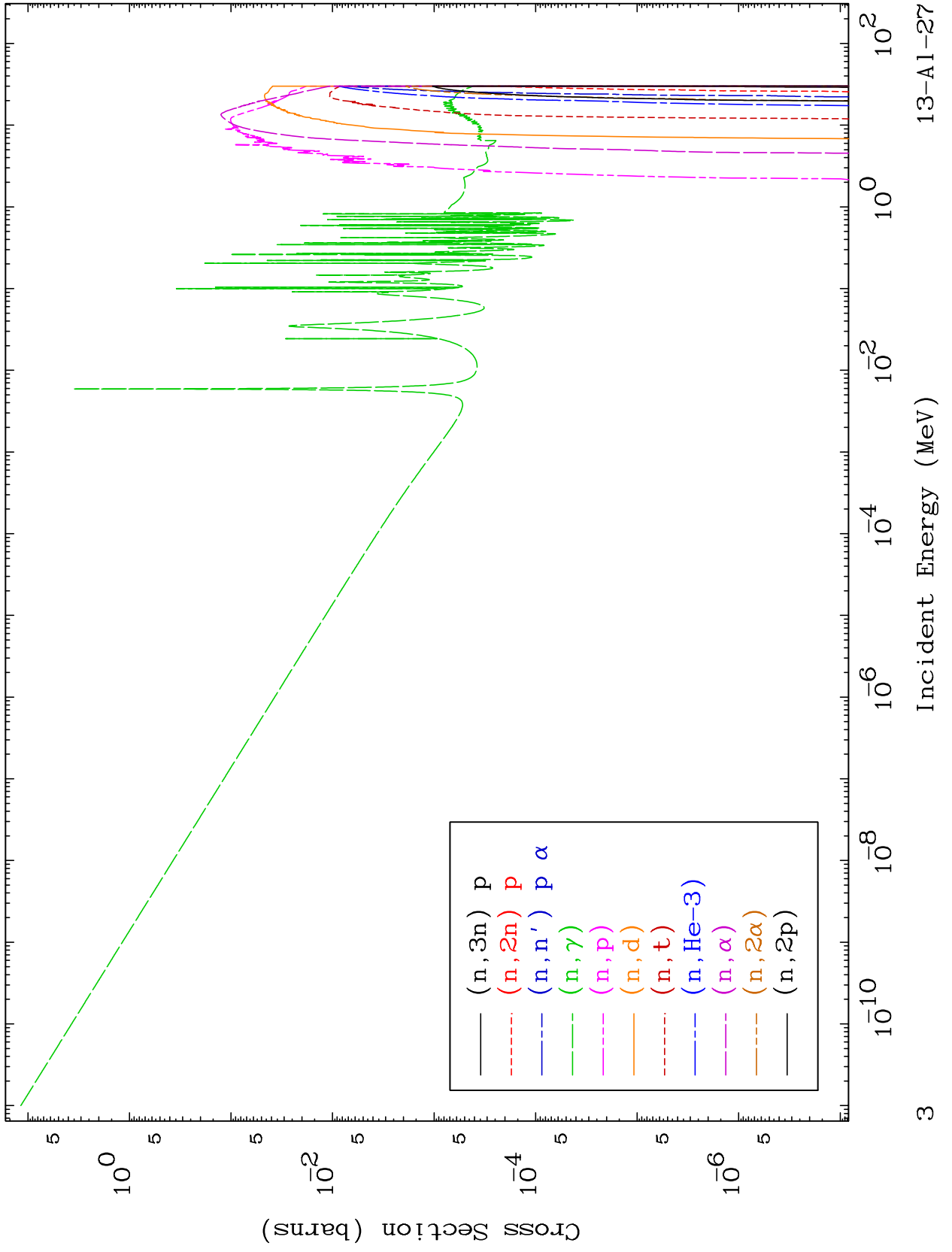
MAT 1325

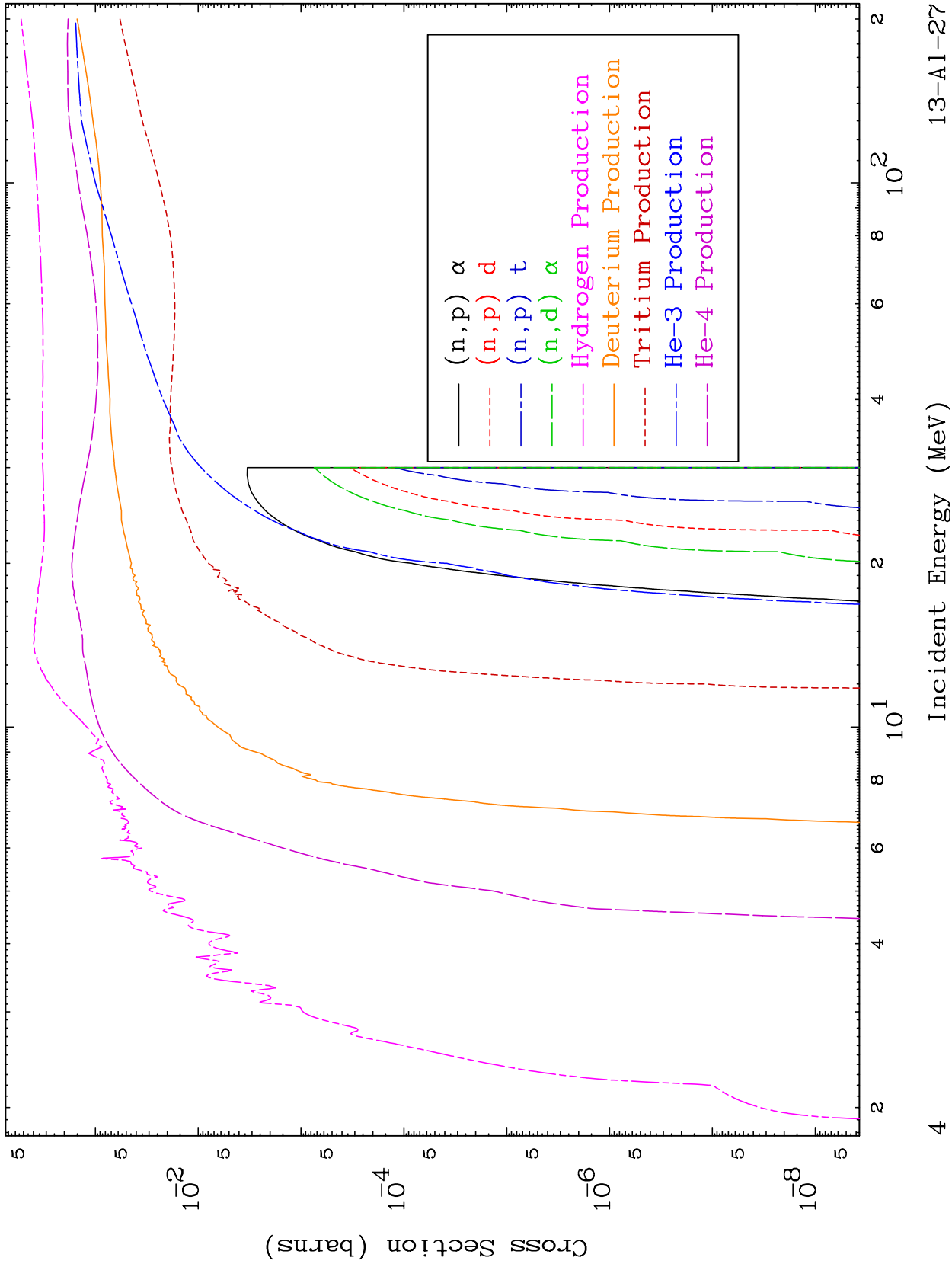
Neutron Major
293 Kelvin Cross Sections

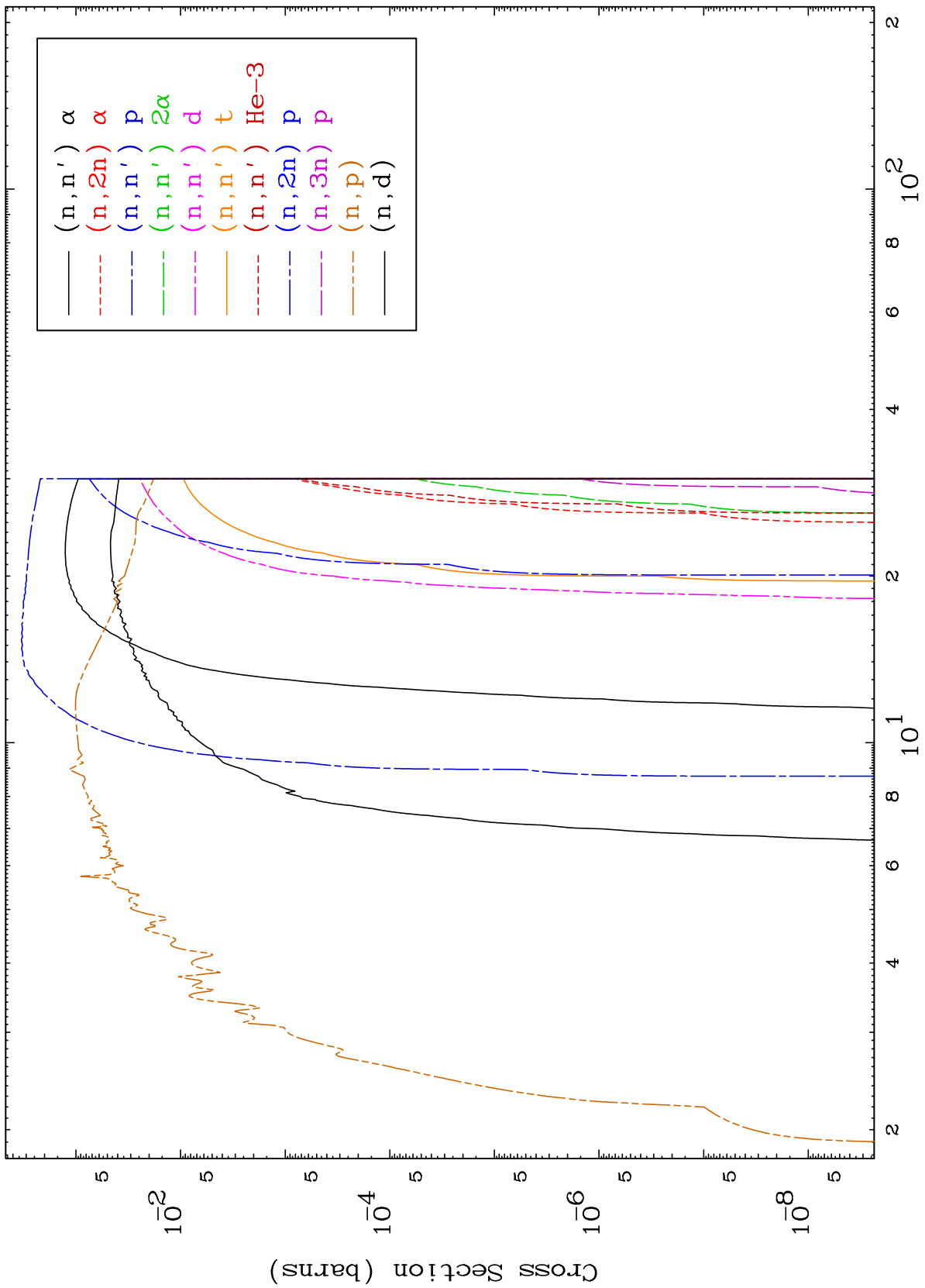
13-Al-27

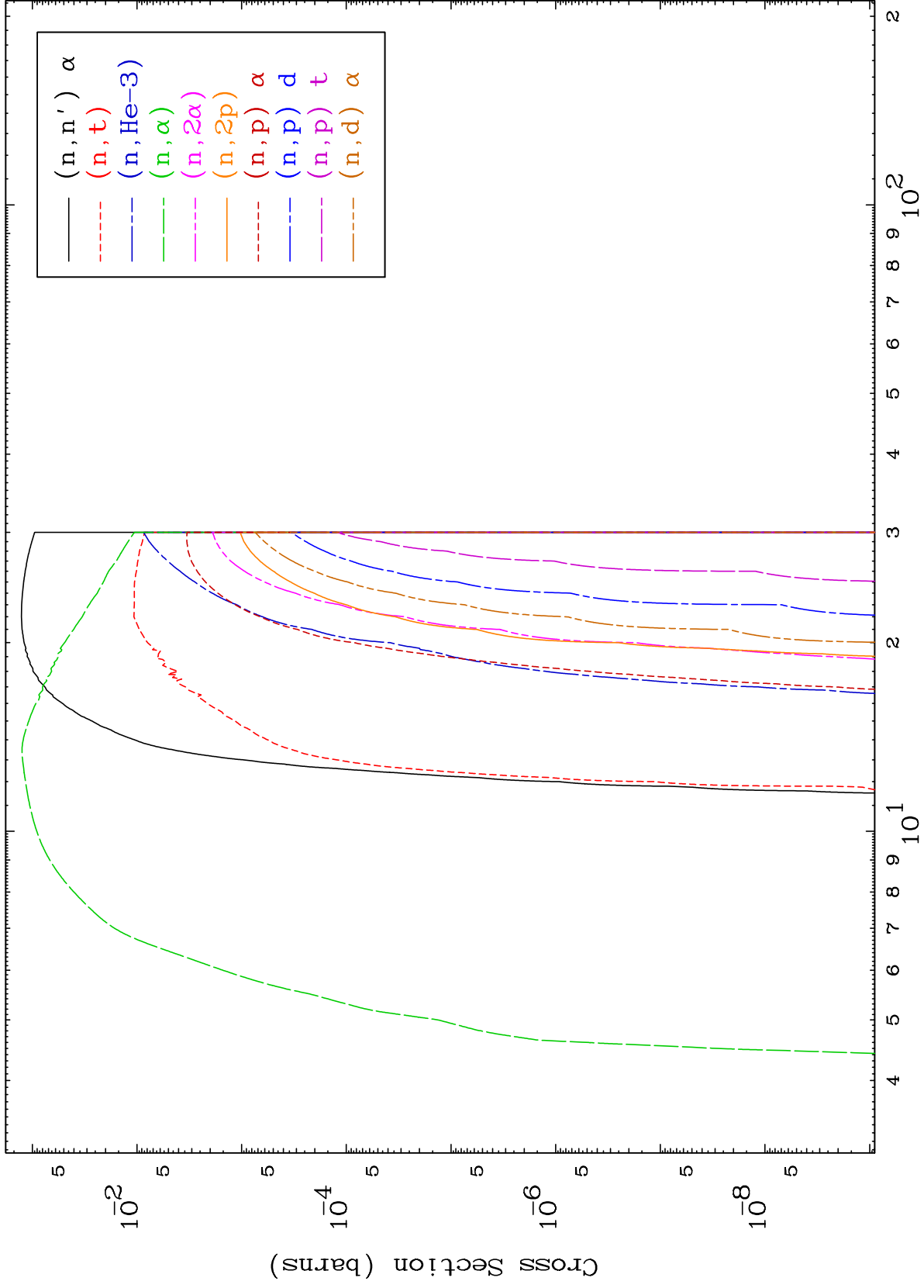


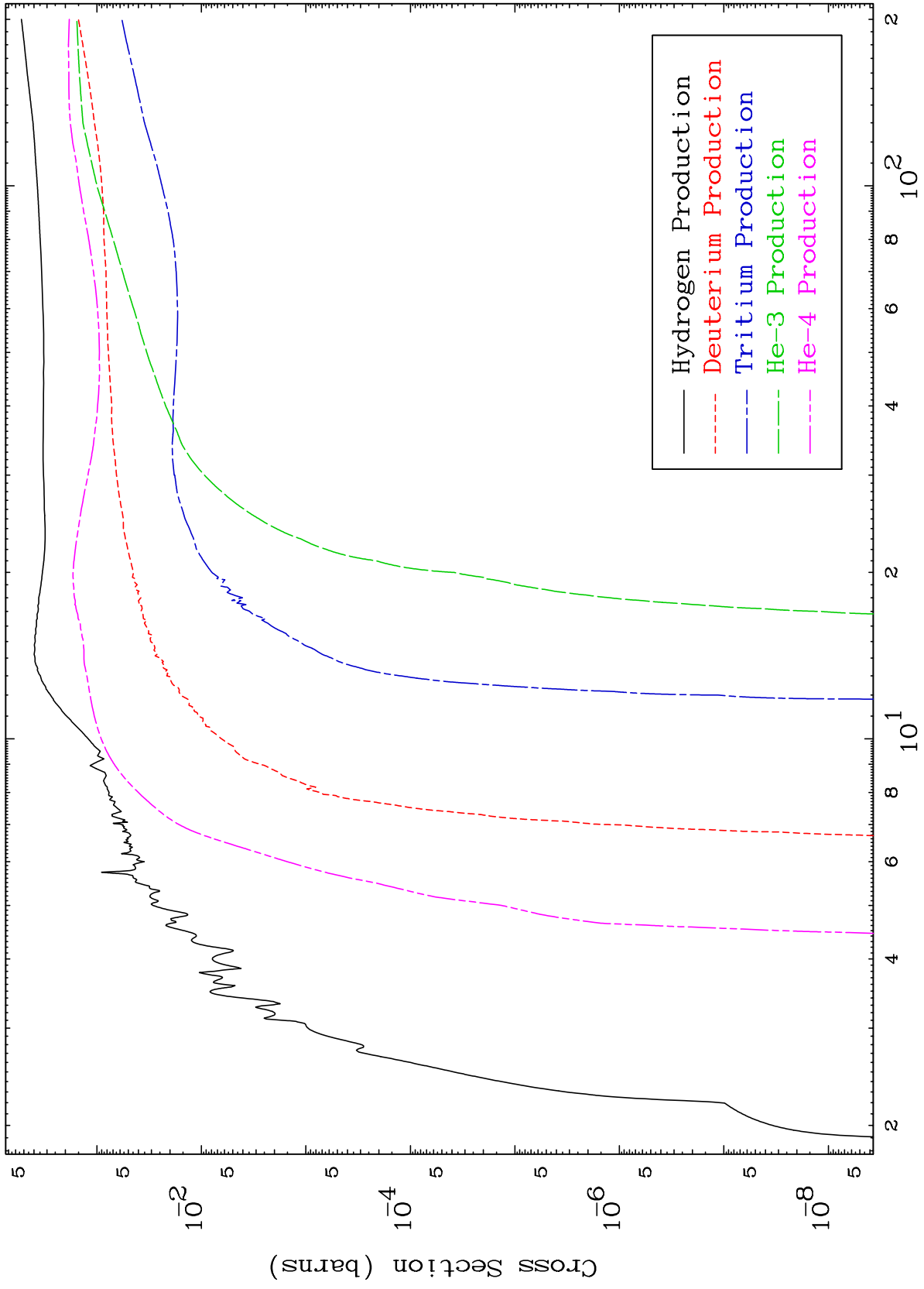










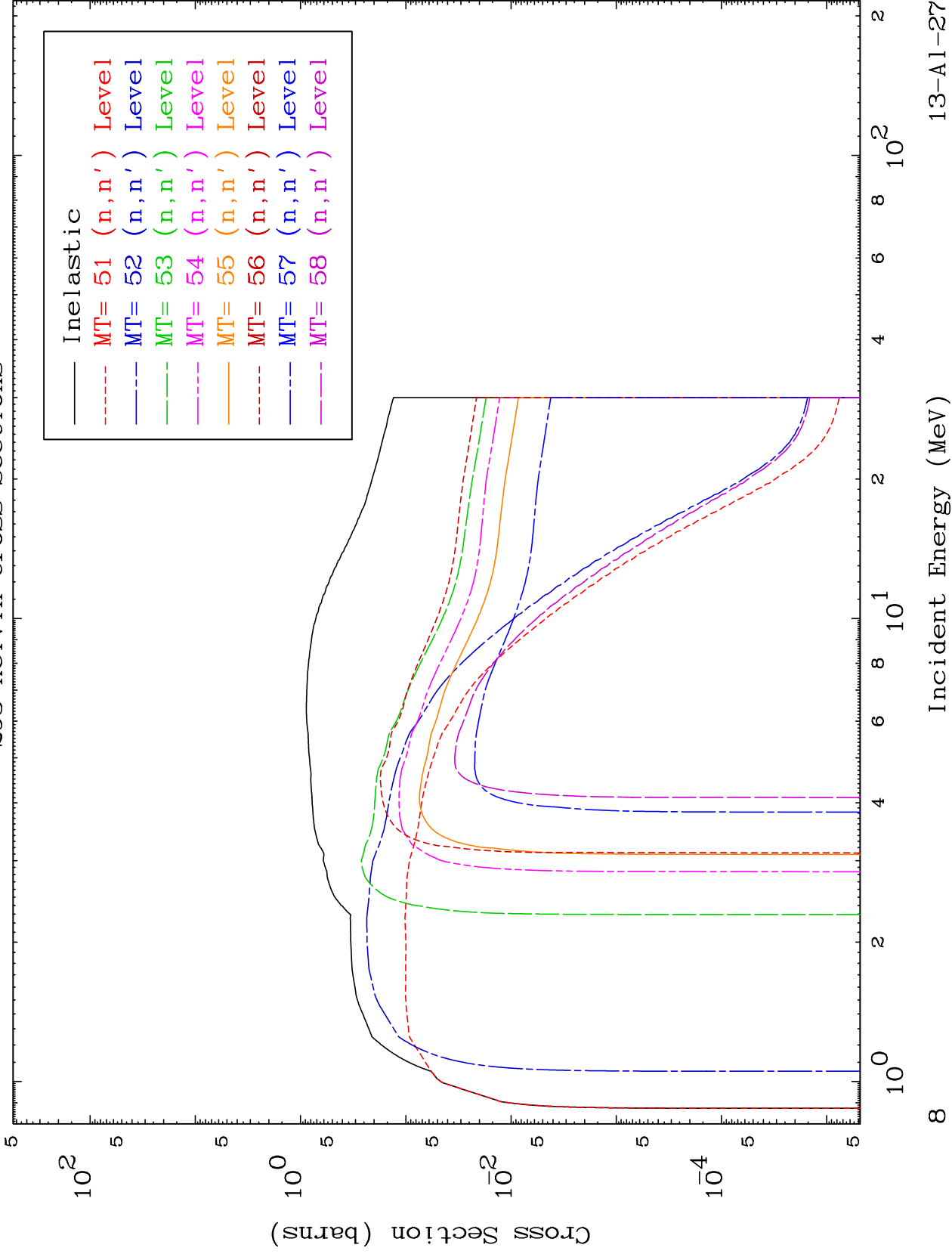


MAT 1325

(n,n') Levels

13-Al-27

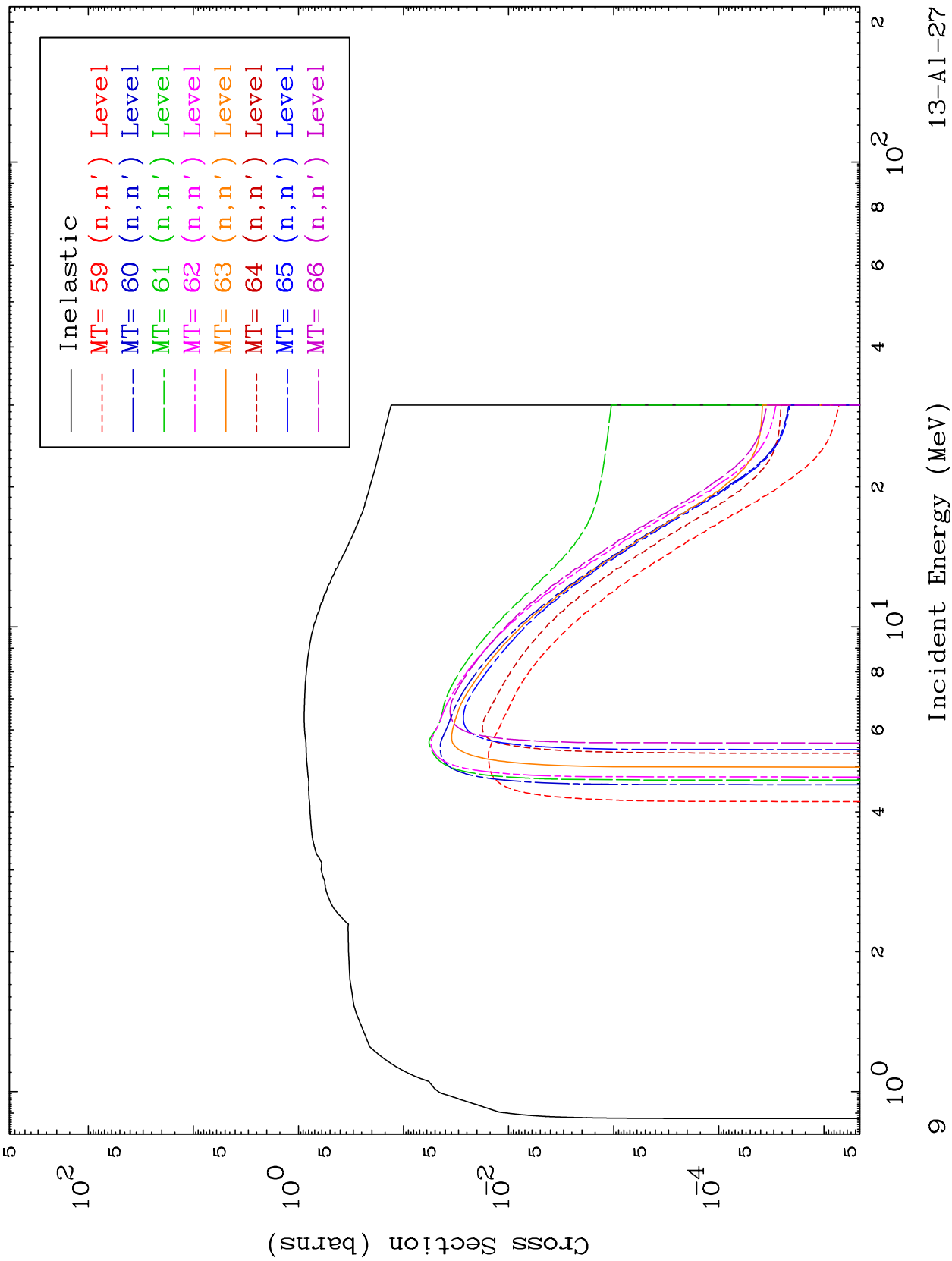
293 Kelvin Cross Sections



13-Al-27

Incident Energy (MeV)

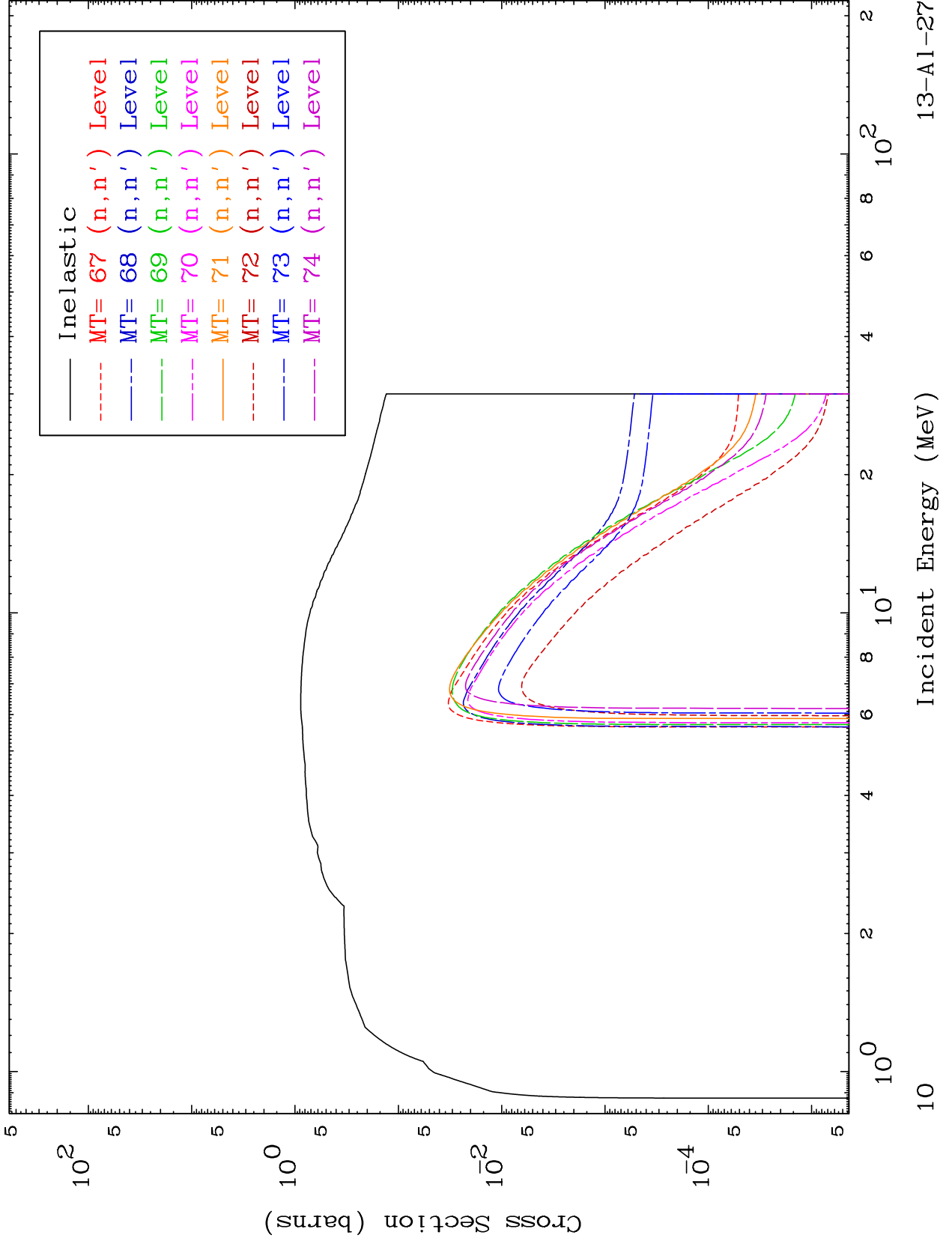
8



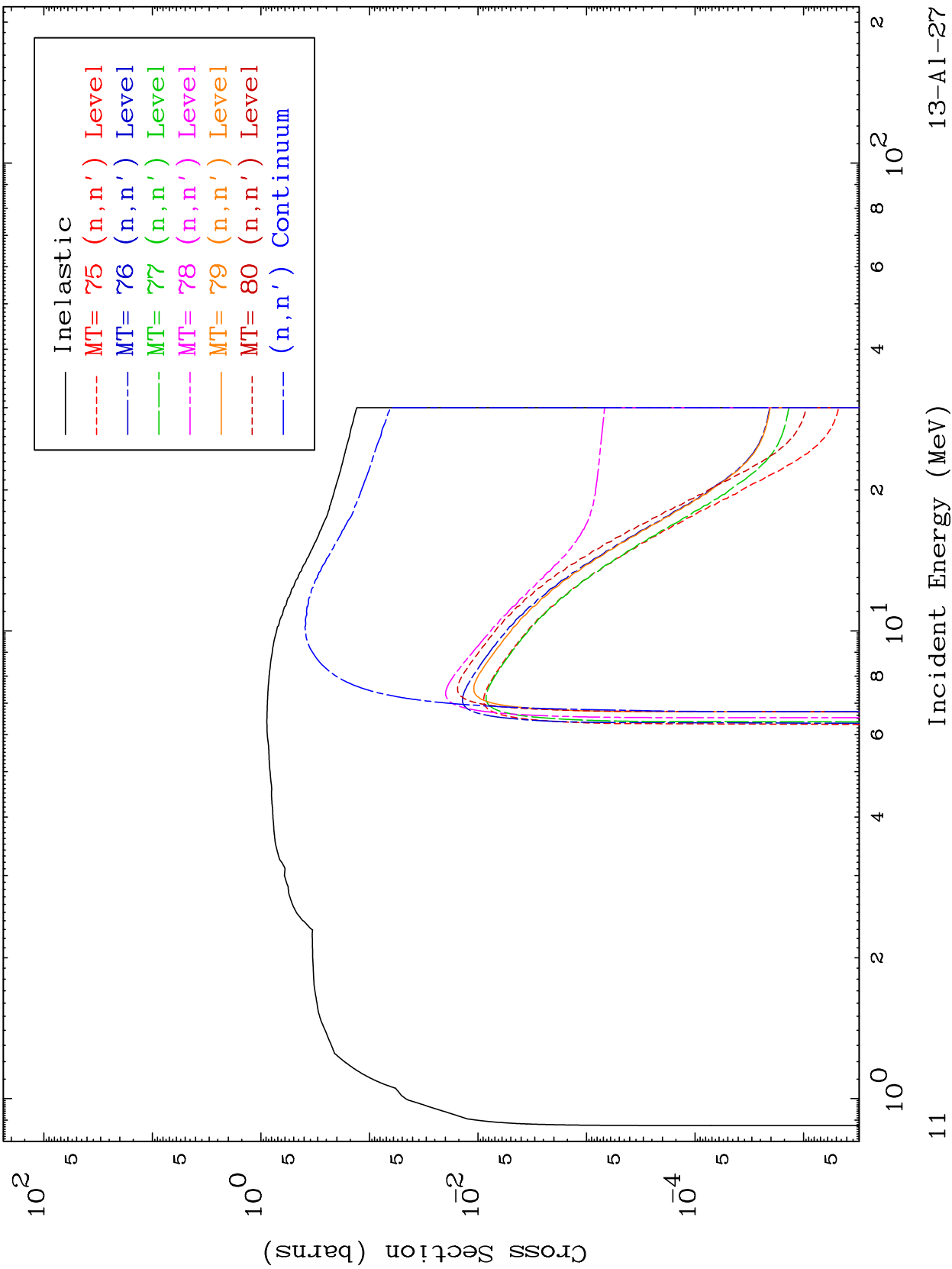
MAT 1325

(n,n') Levels
293 Kelvin Cross Sections

13-Al-27



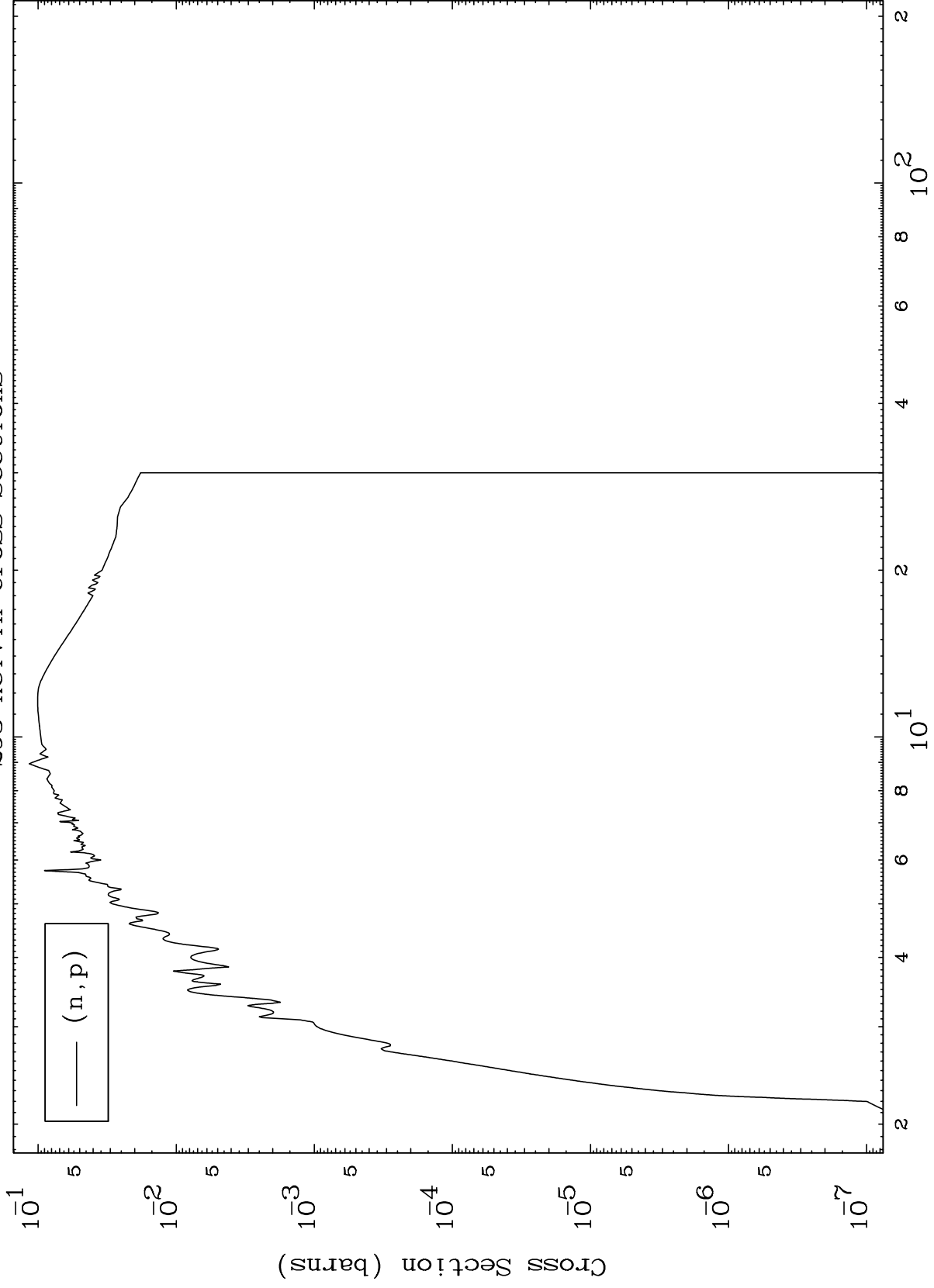
13-Al-27



MAT 1325

(n,p) Levels
293 Kelvin Cross Sections

13-Al-27



12

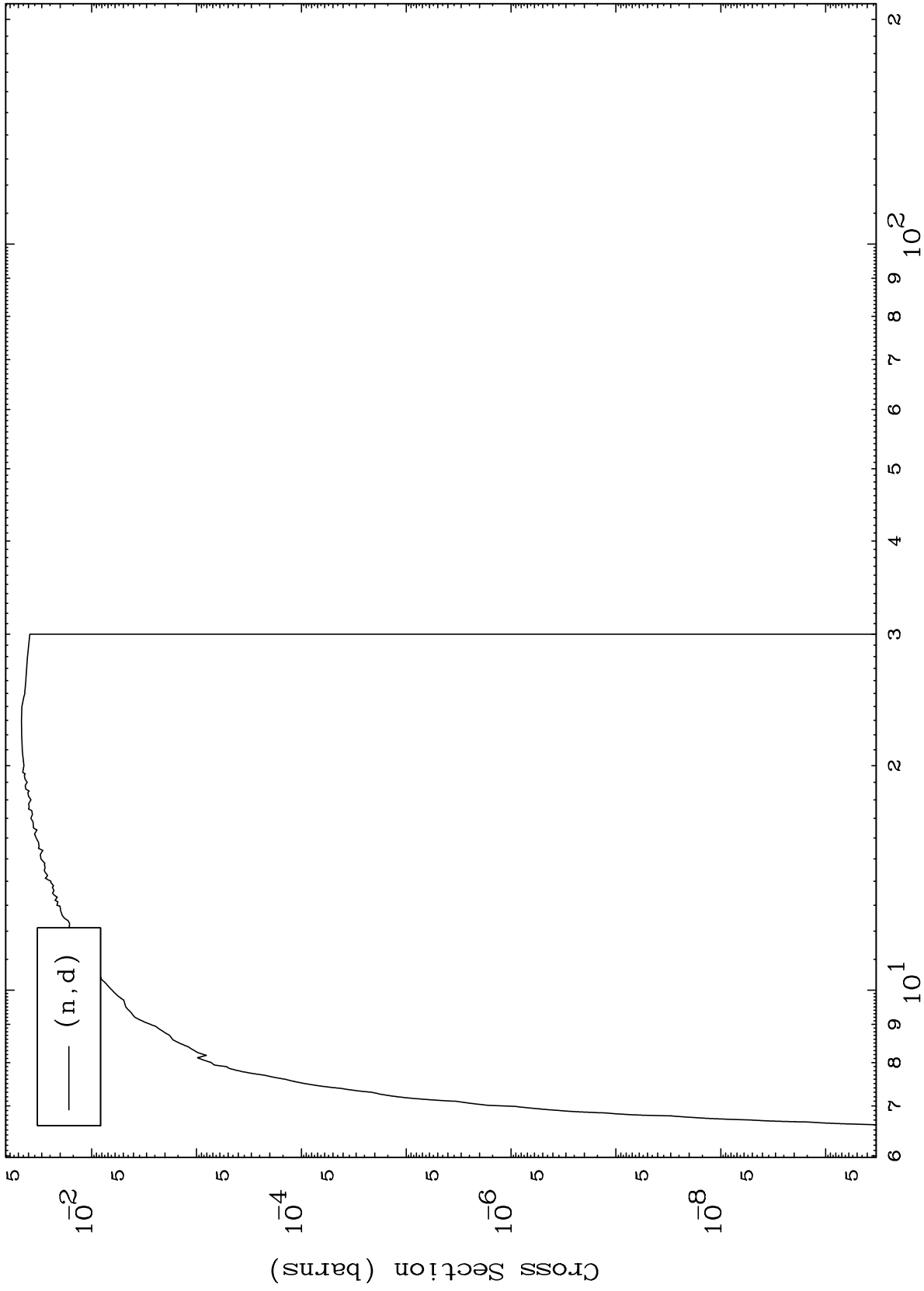
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,d) Levels
293 Kelvin Cross Sections

13-Al-27



13

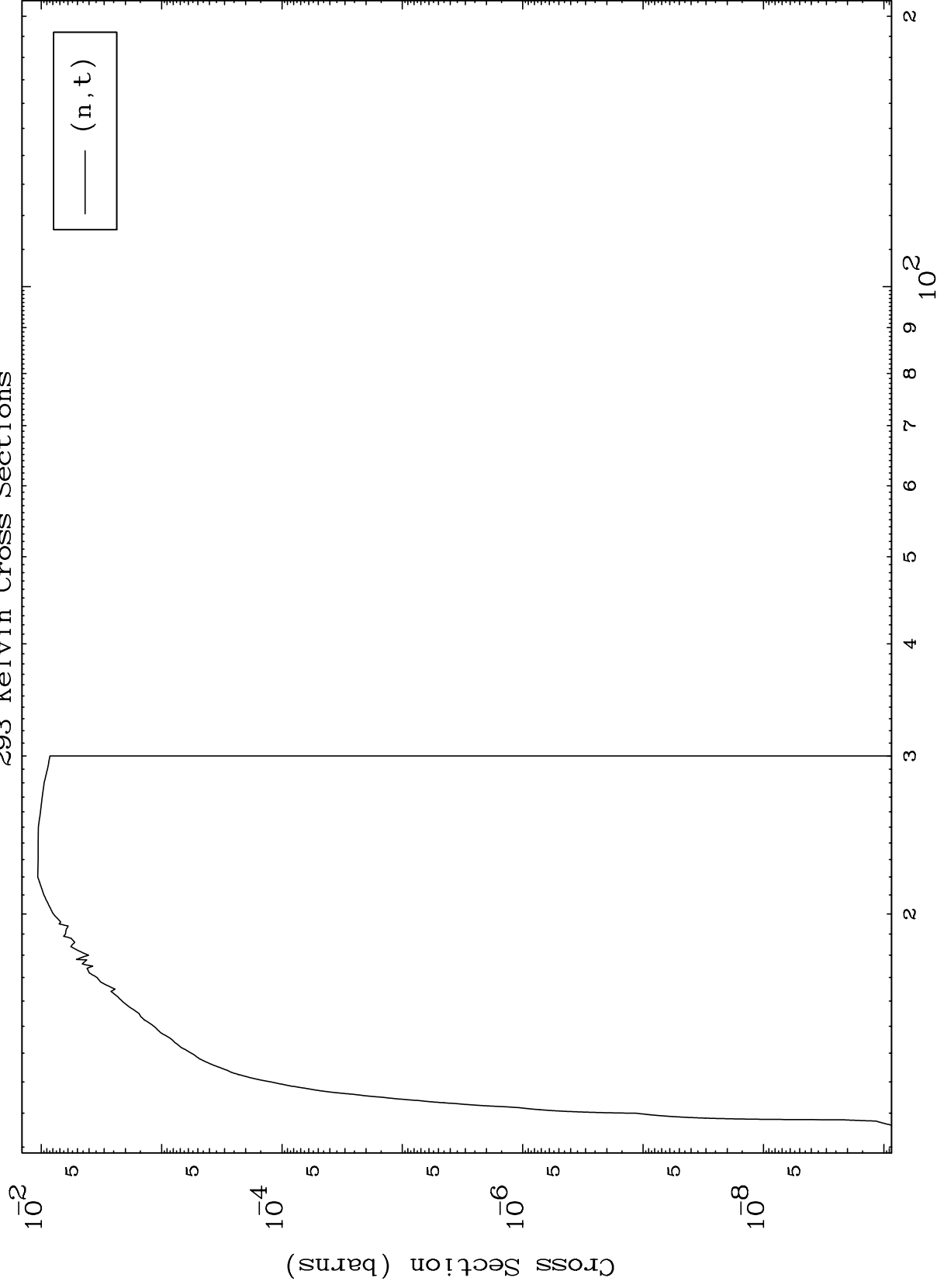
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,t) Levels
293 Kelvin Cross Sections

13-Al-27



14

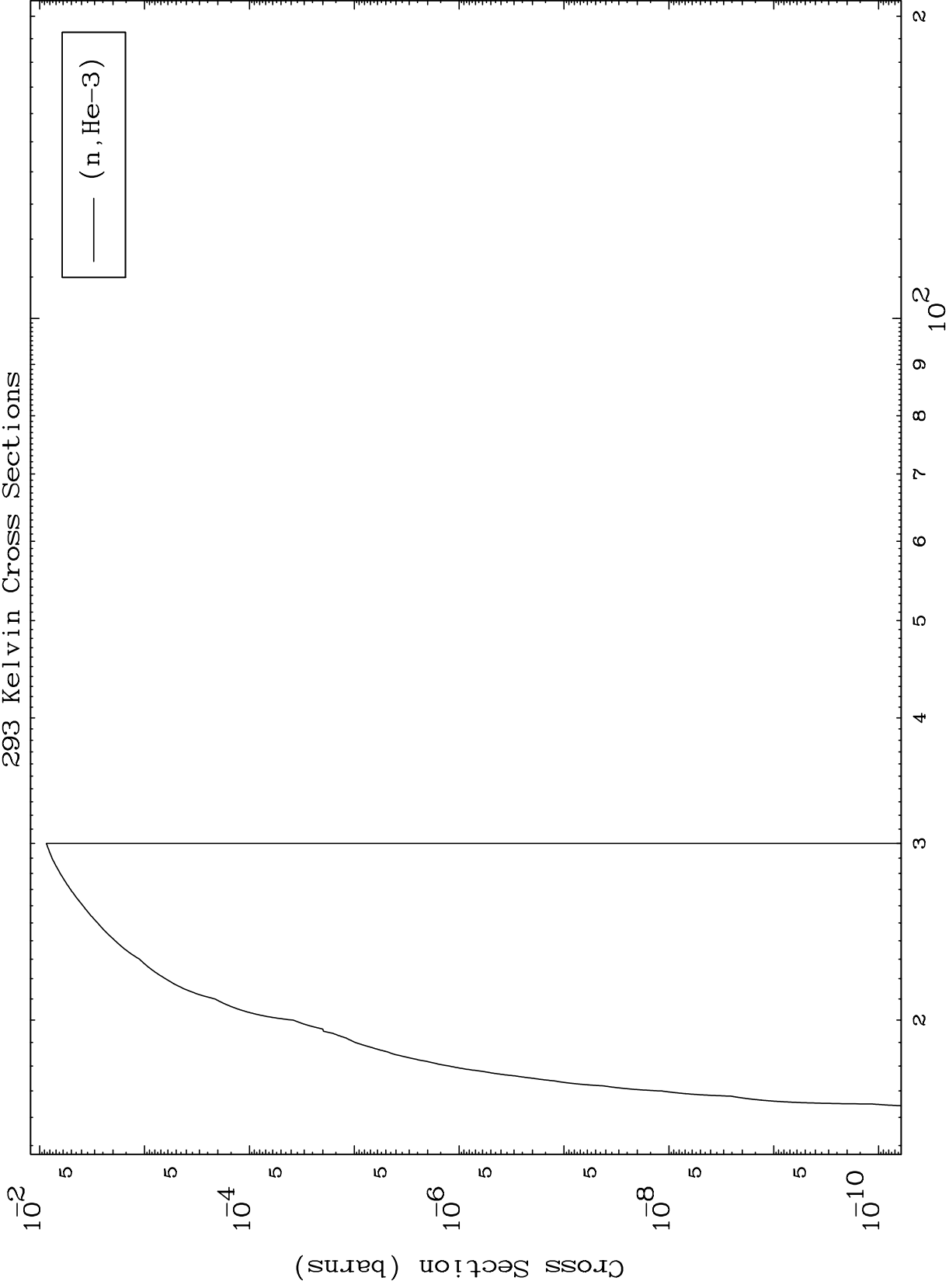
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,He3) Levels
293 Kelvin Cross Sections

13-Al-27



15

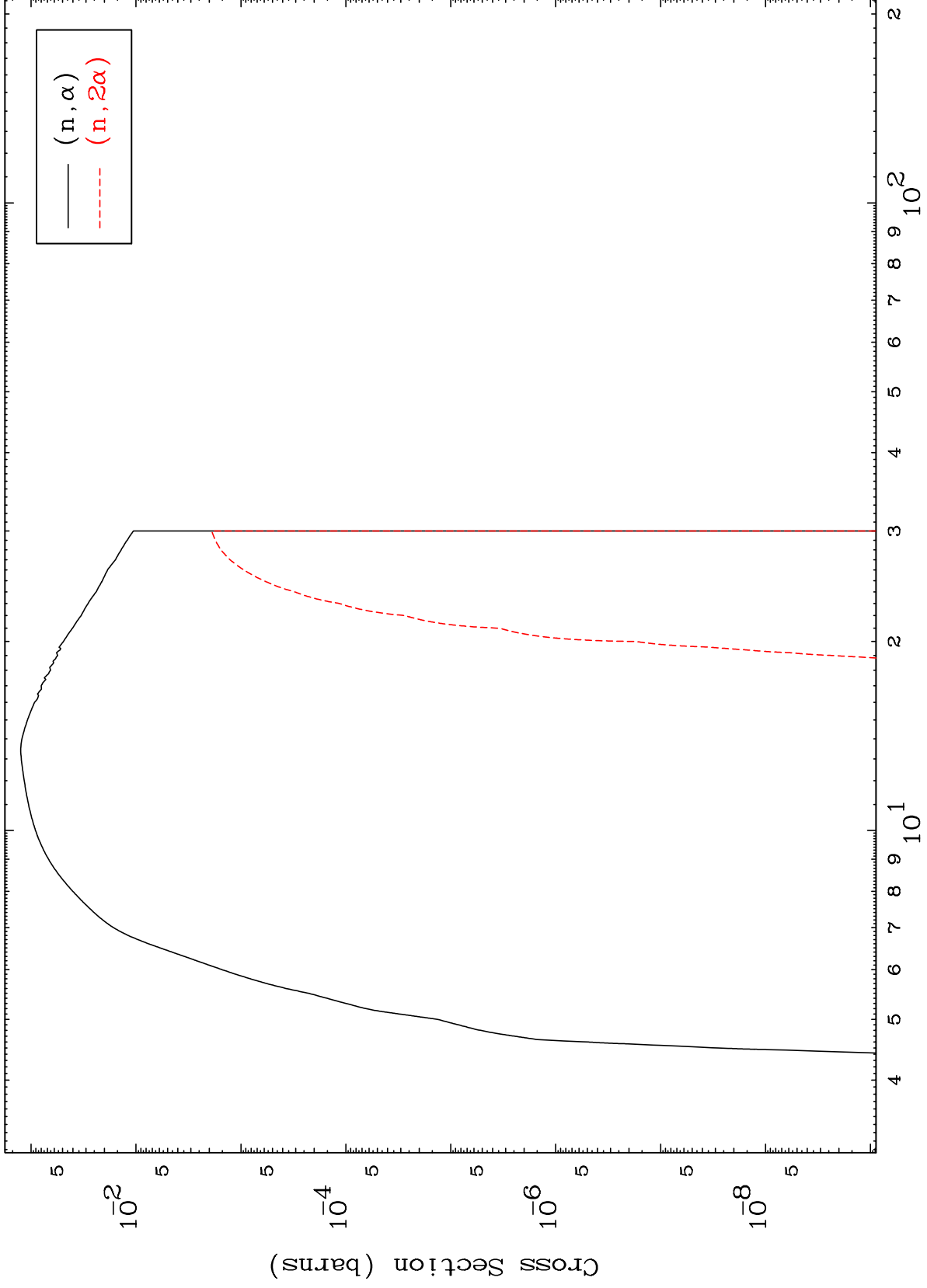
Incident Energy (MeV)

13-Al-27

MAT 1325

(n,α) Levels
293 Kelvin Cross Sections

13-Al-27

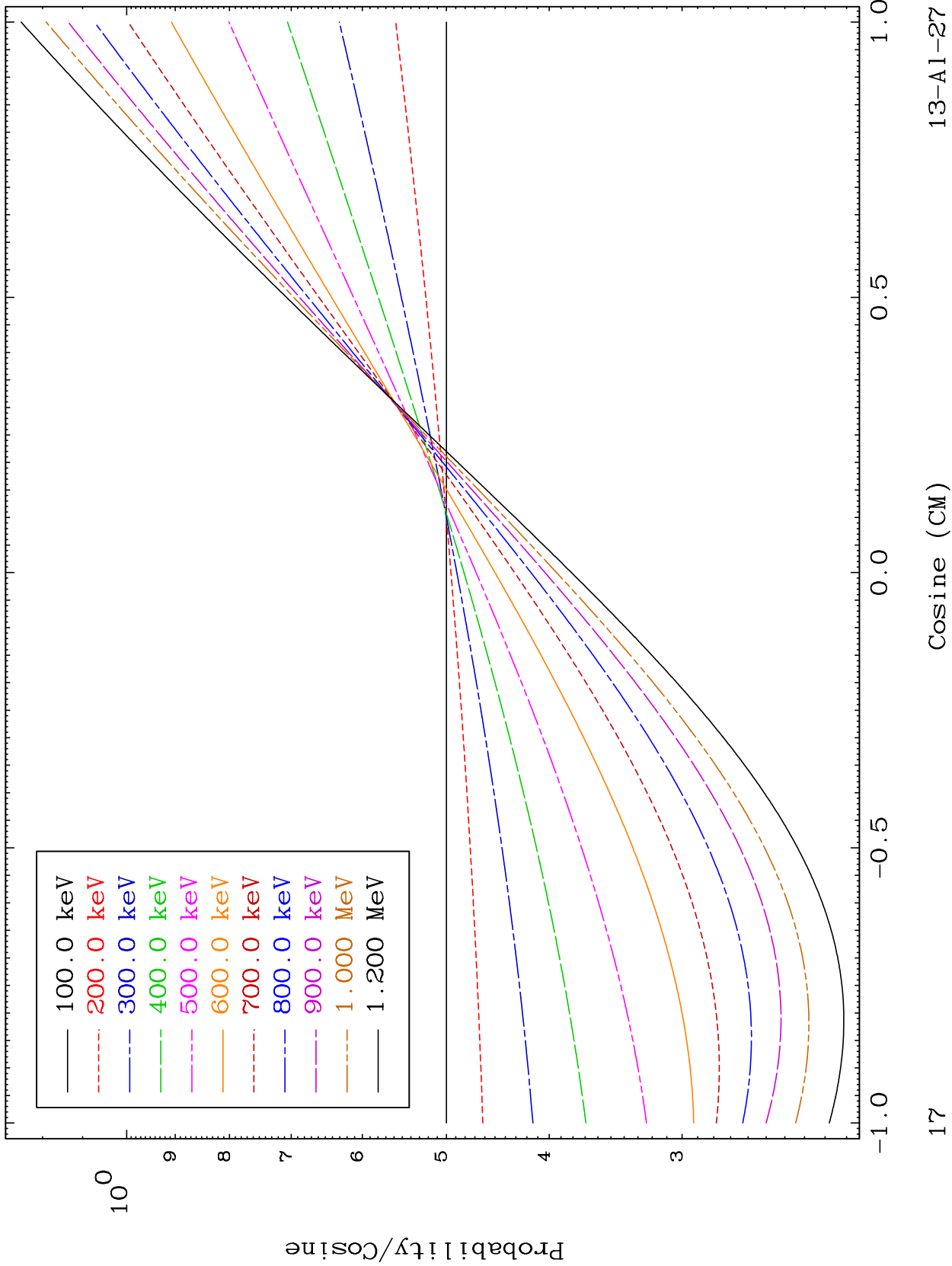


16

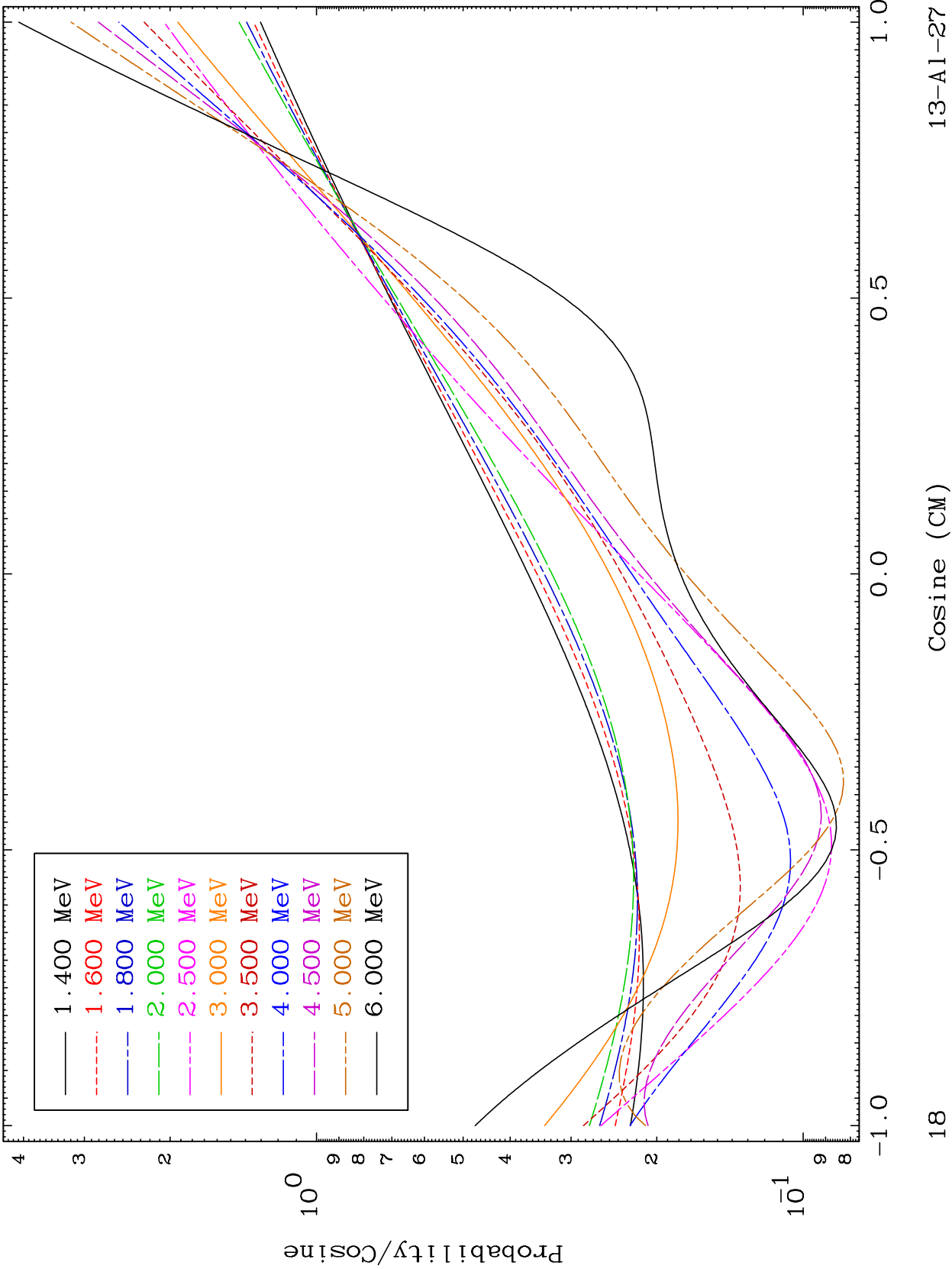
Incident Energy (MeV)

13-Al-27

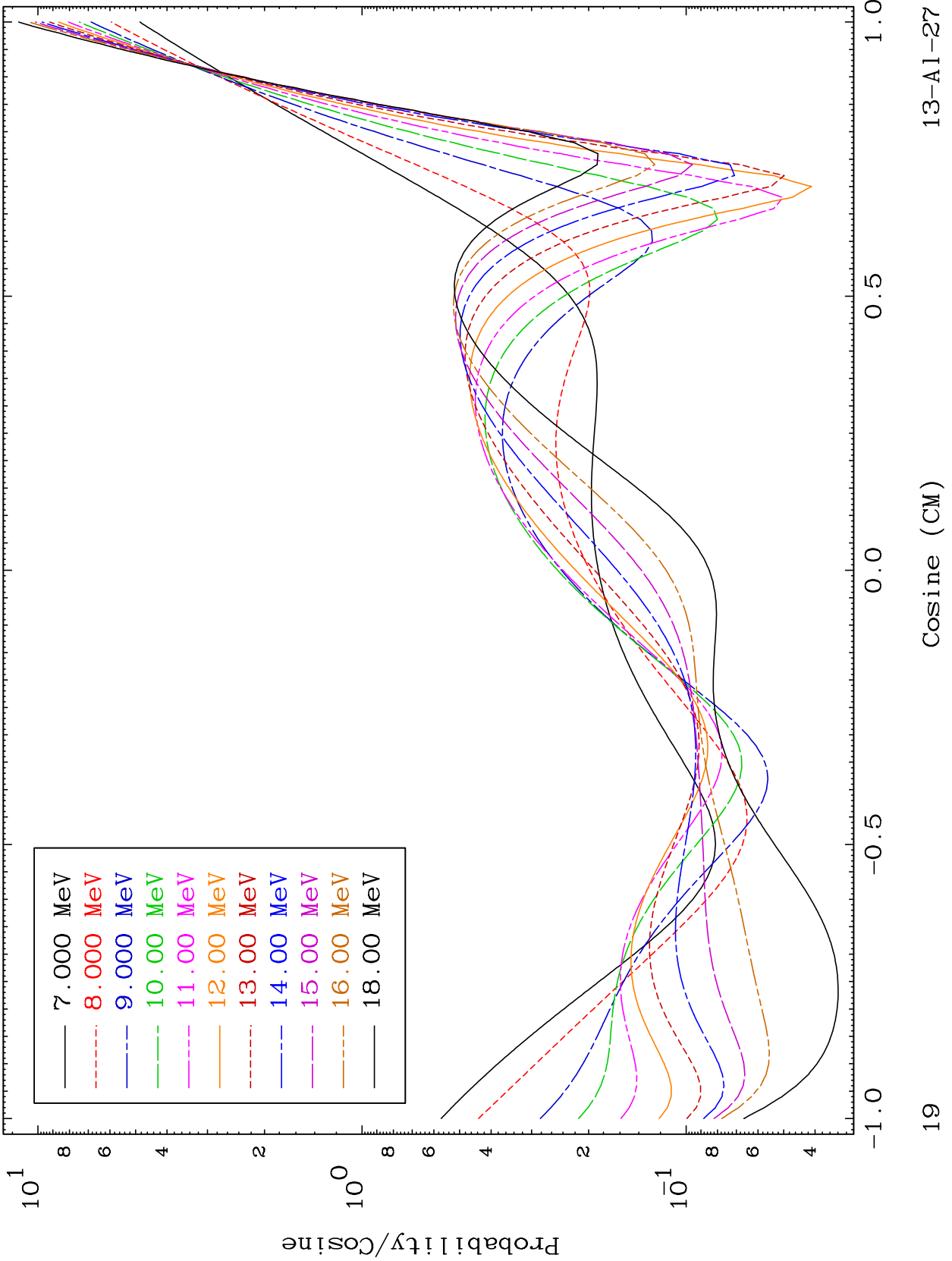
Elastic
Angular Distributions



Elastic
Angular Distributions



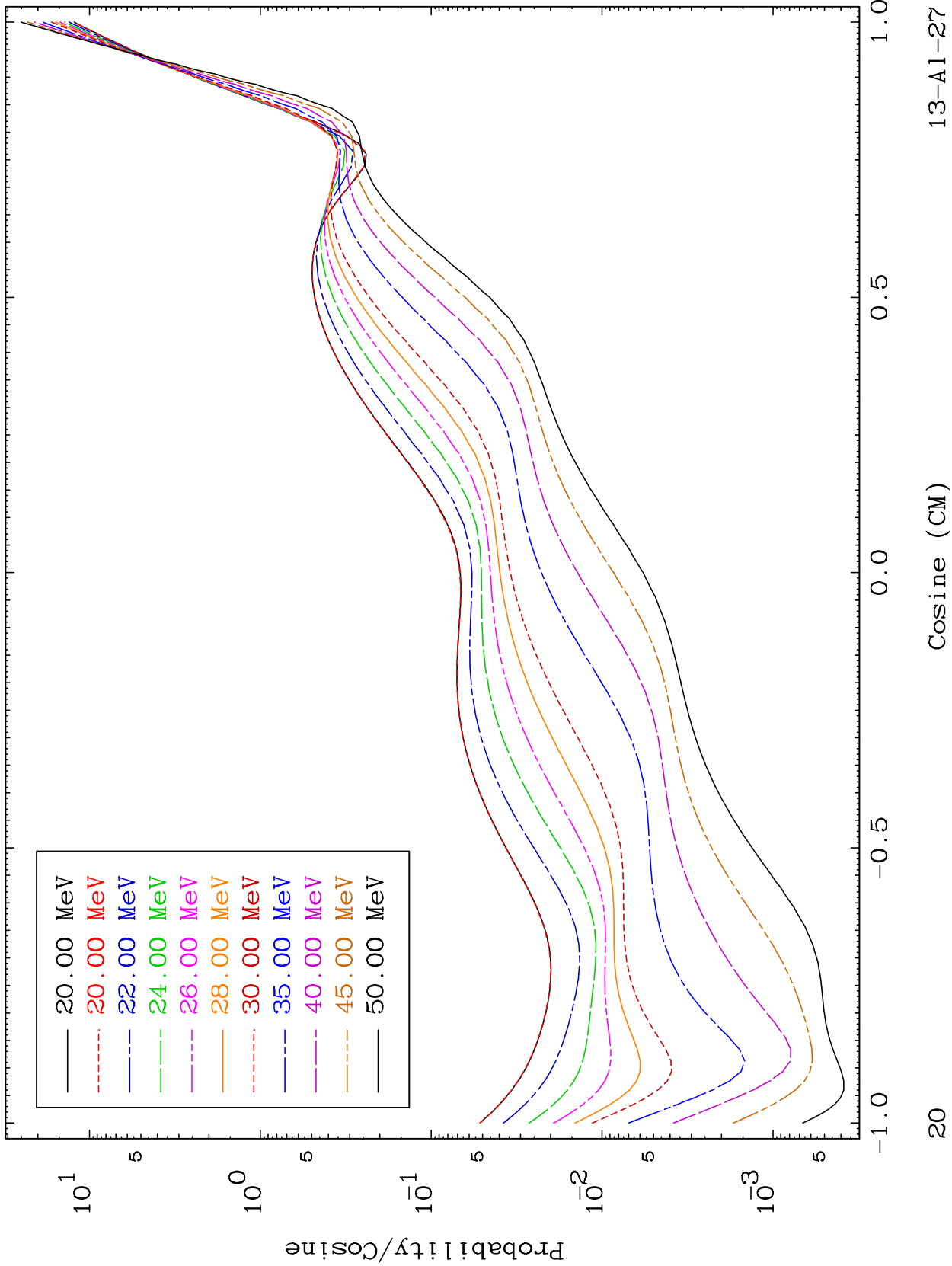
Elastic
Angular Distributions



MAT 1325

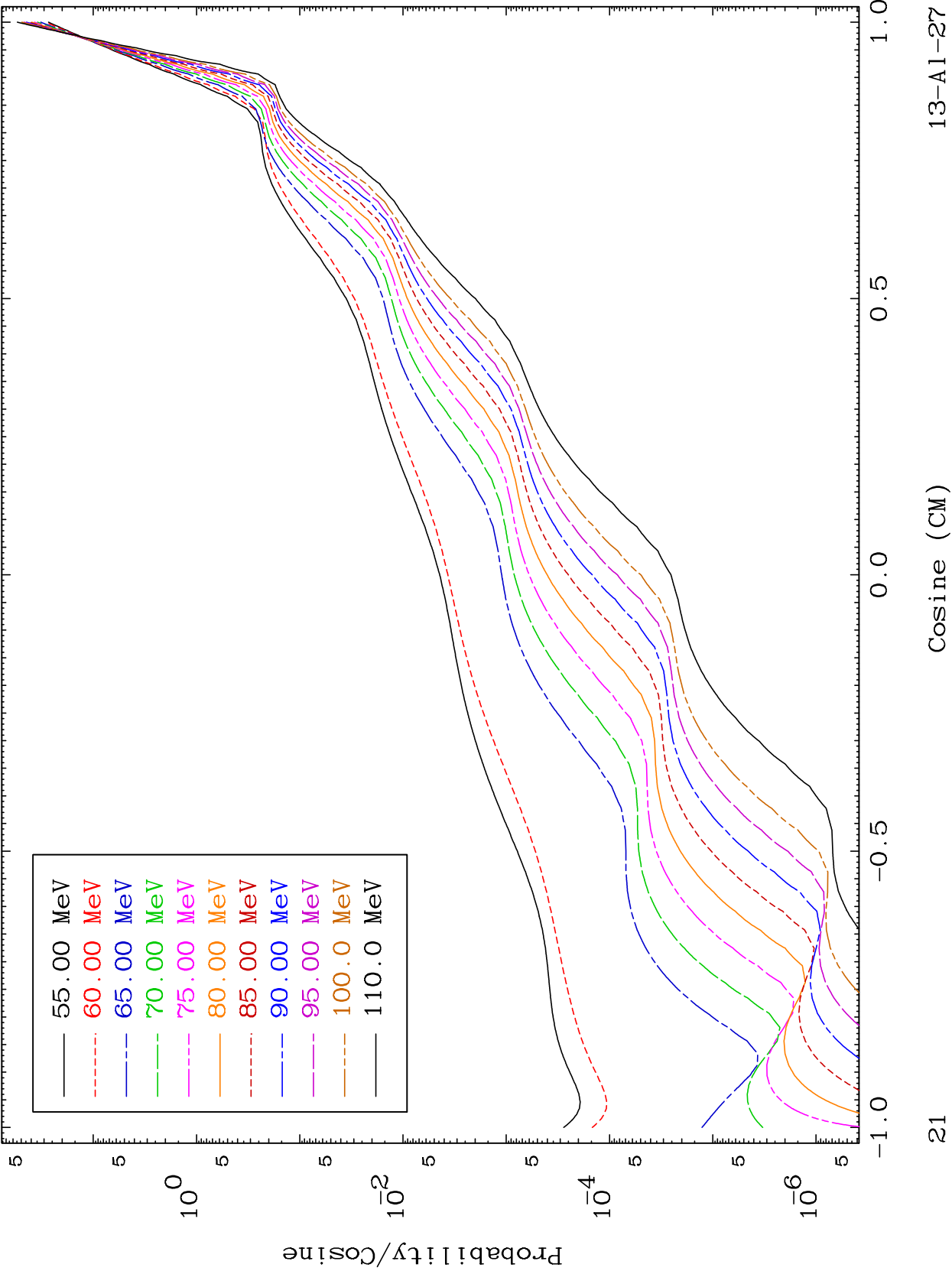
Elastic
Angular Distributions

13-Al-27



20

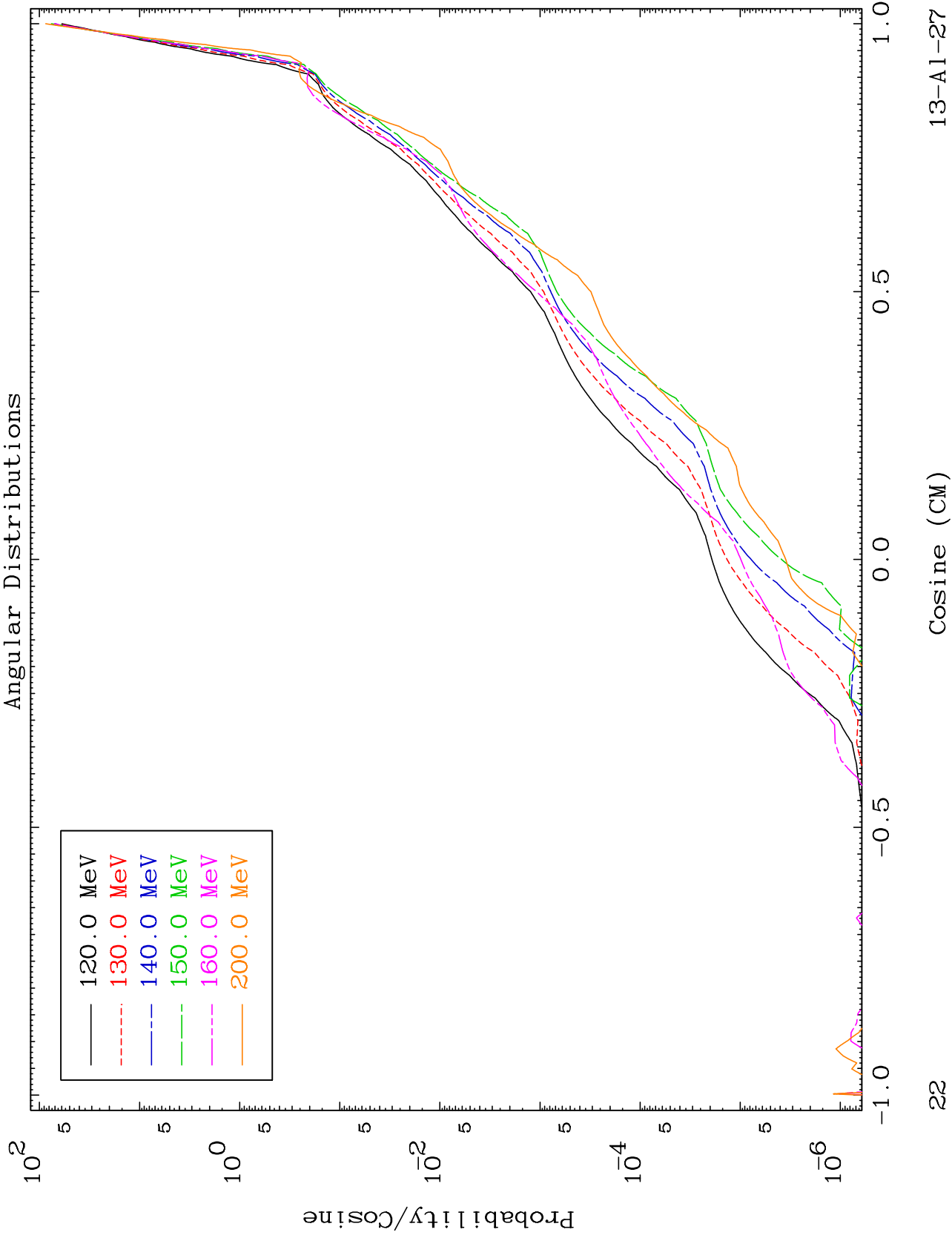
Elastic
Angular Distributions



MAT 1325

Elastic Angular Distributions

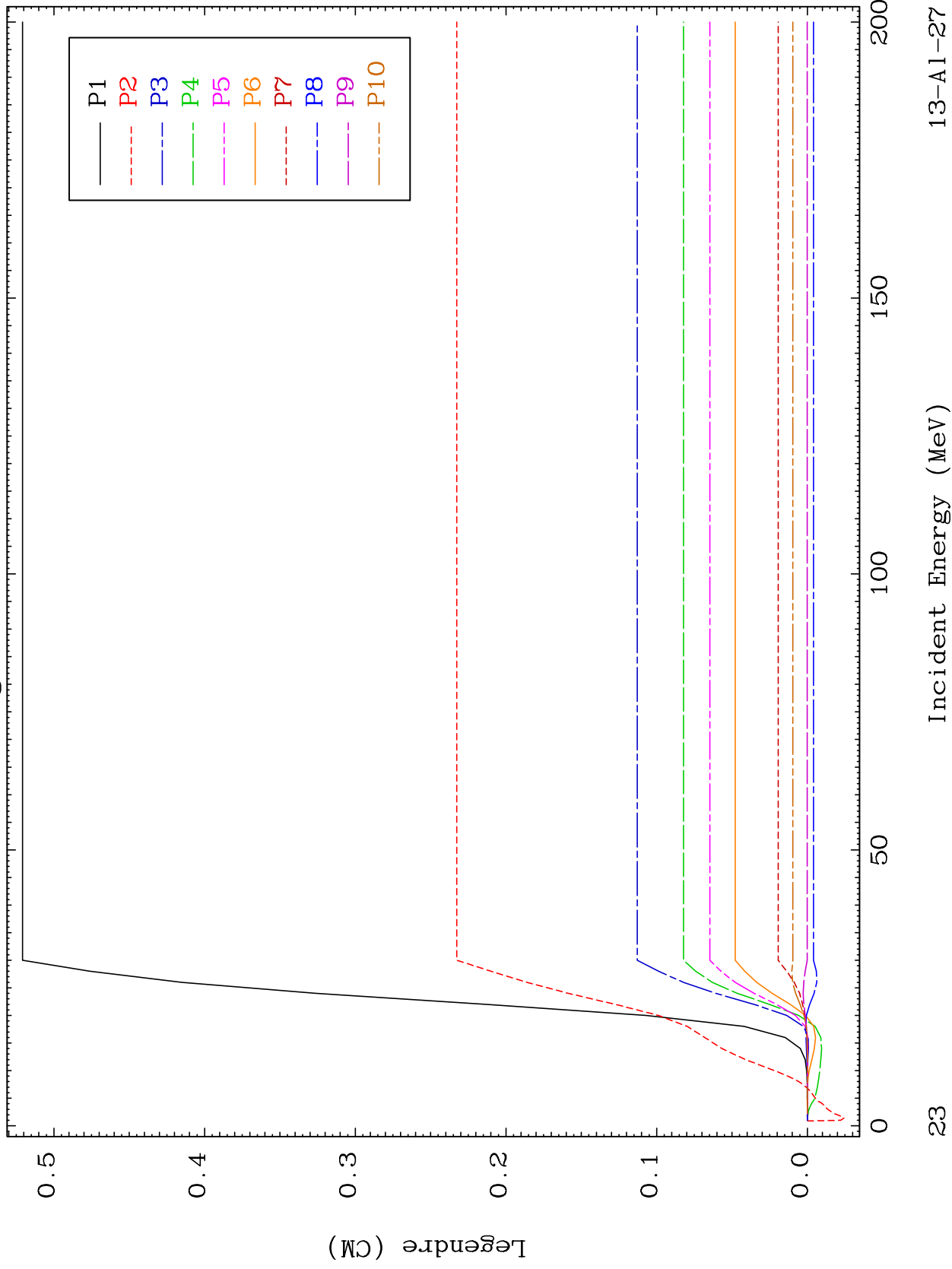
13-Al-27



MAT 1325

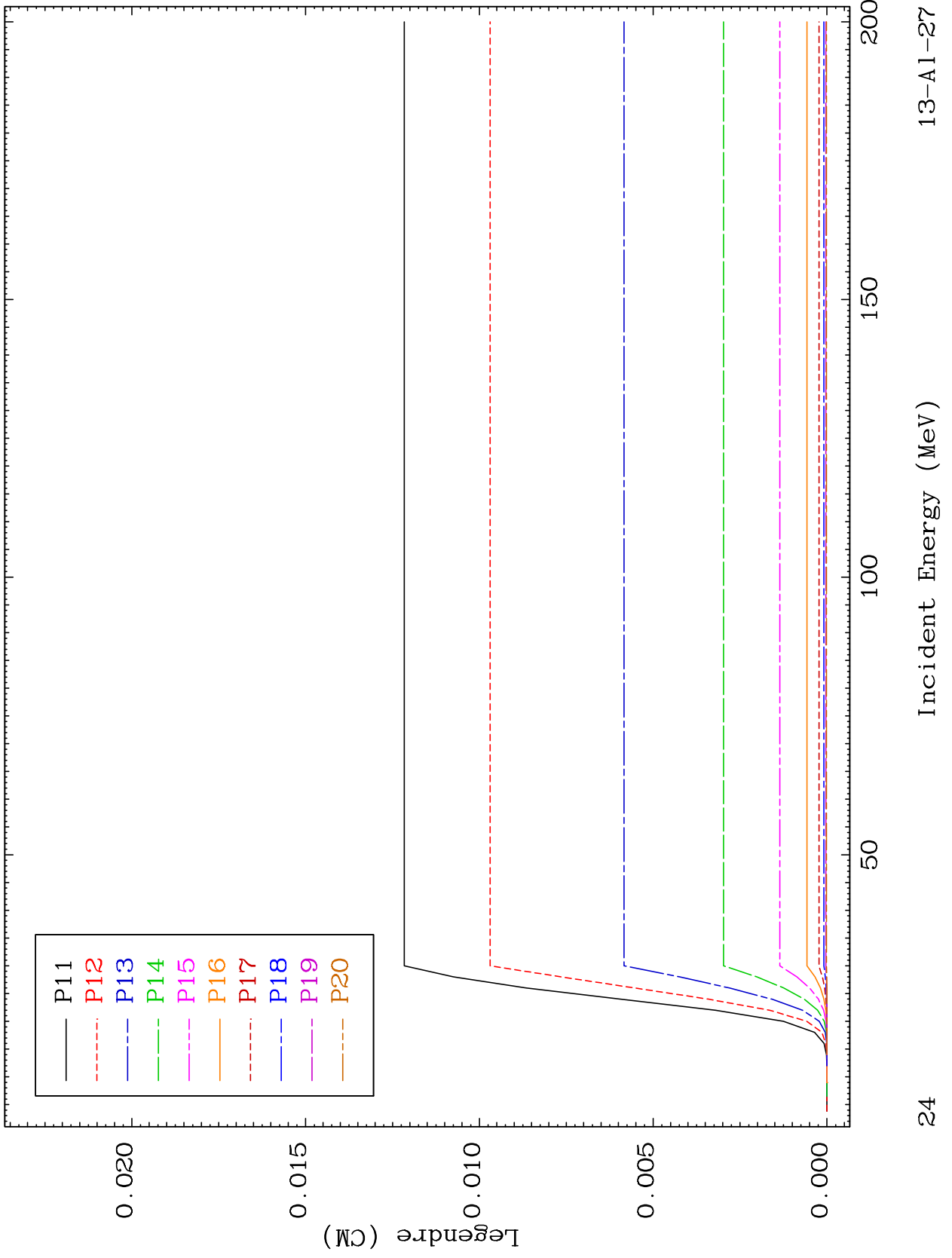
MT= 51 (n,n') Level
Legendre Coefficients

13-A1-27



23

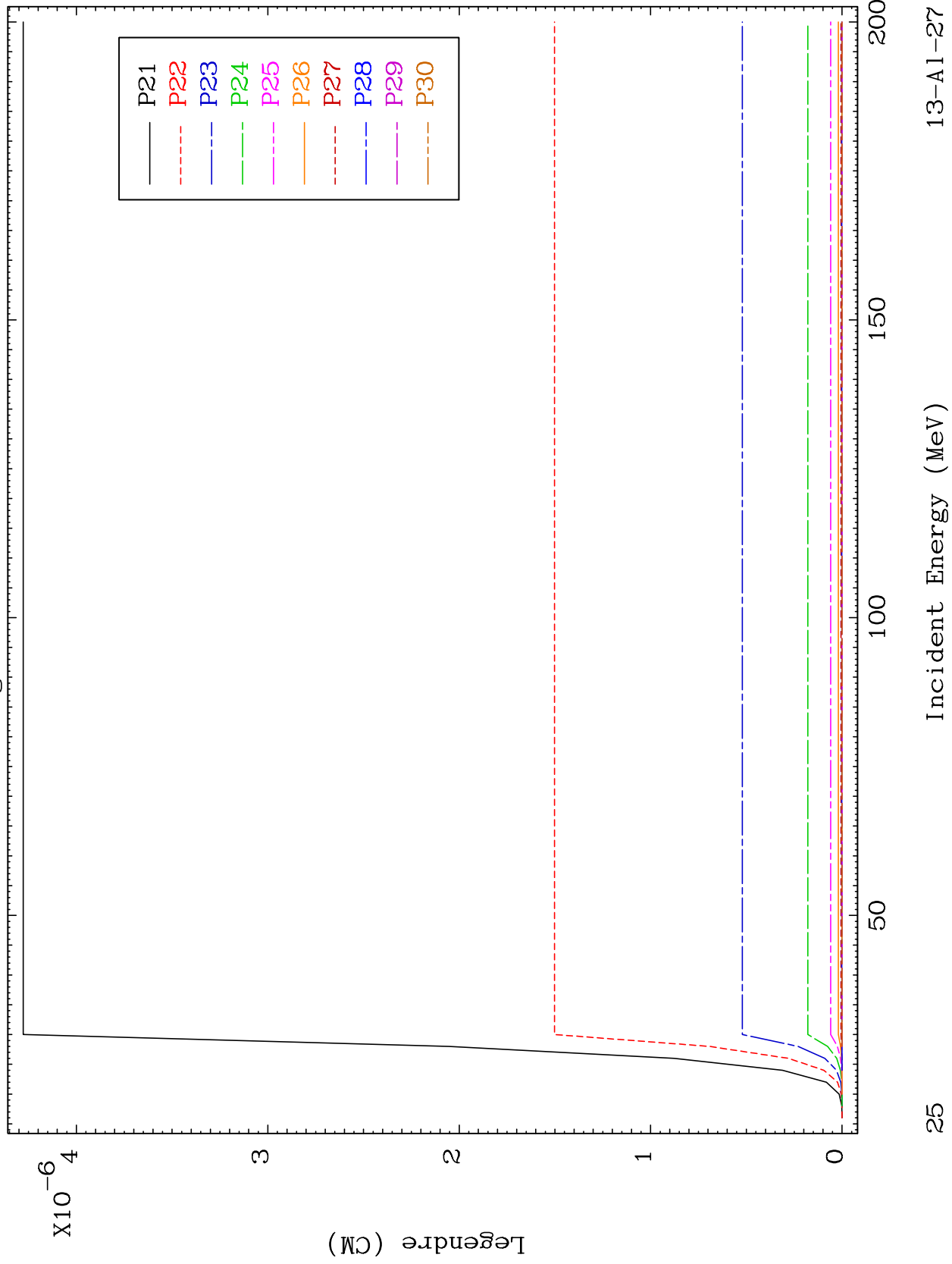
13-A1-27



MAT 1325

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

13-Al-27



25

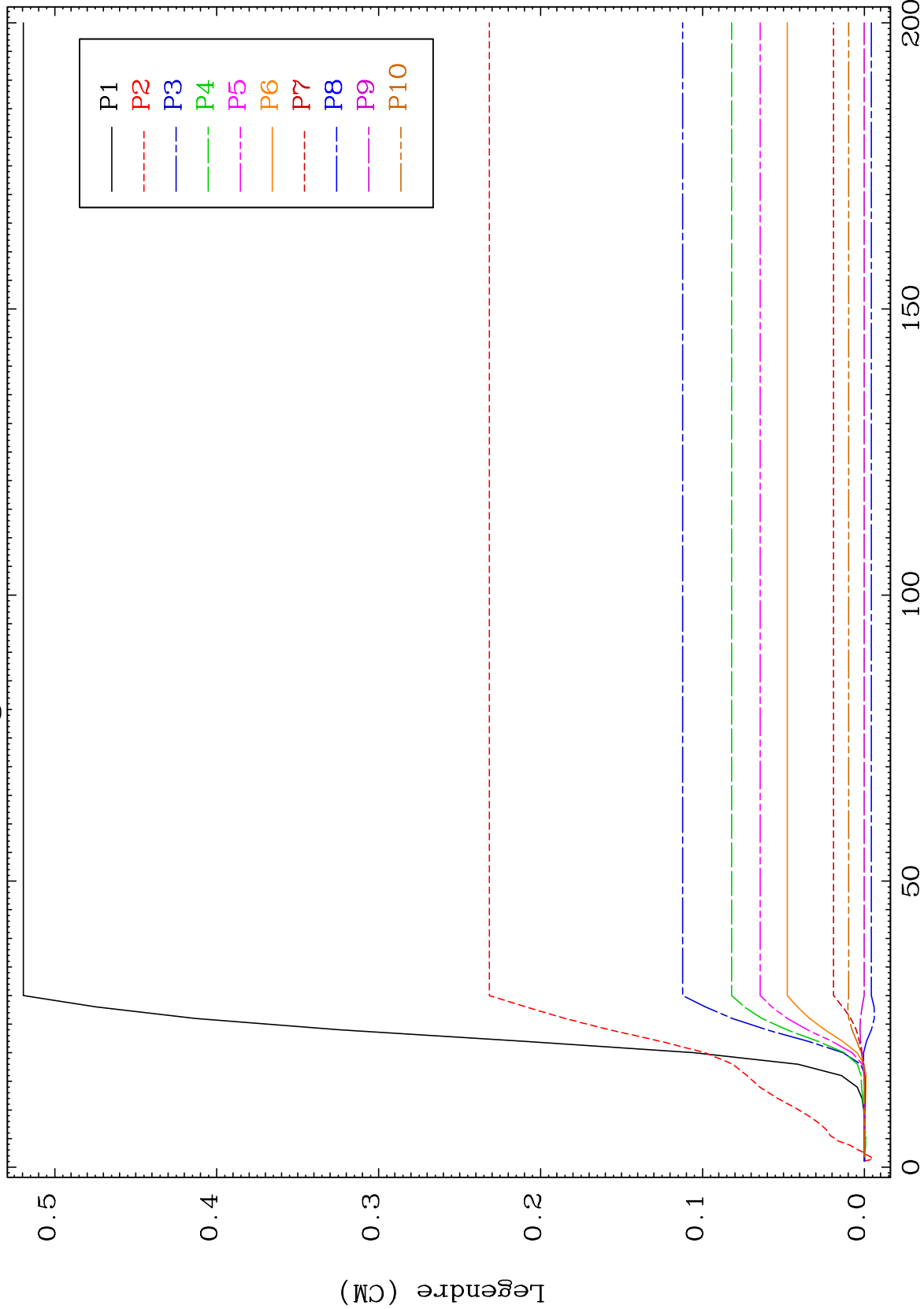
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-A1-27



26

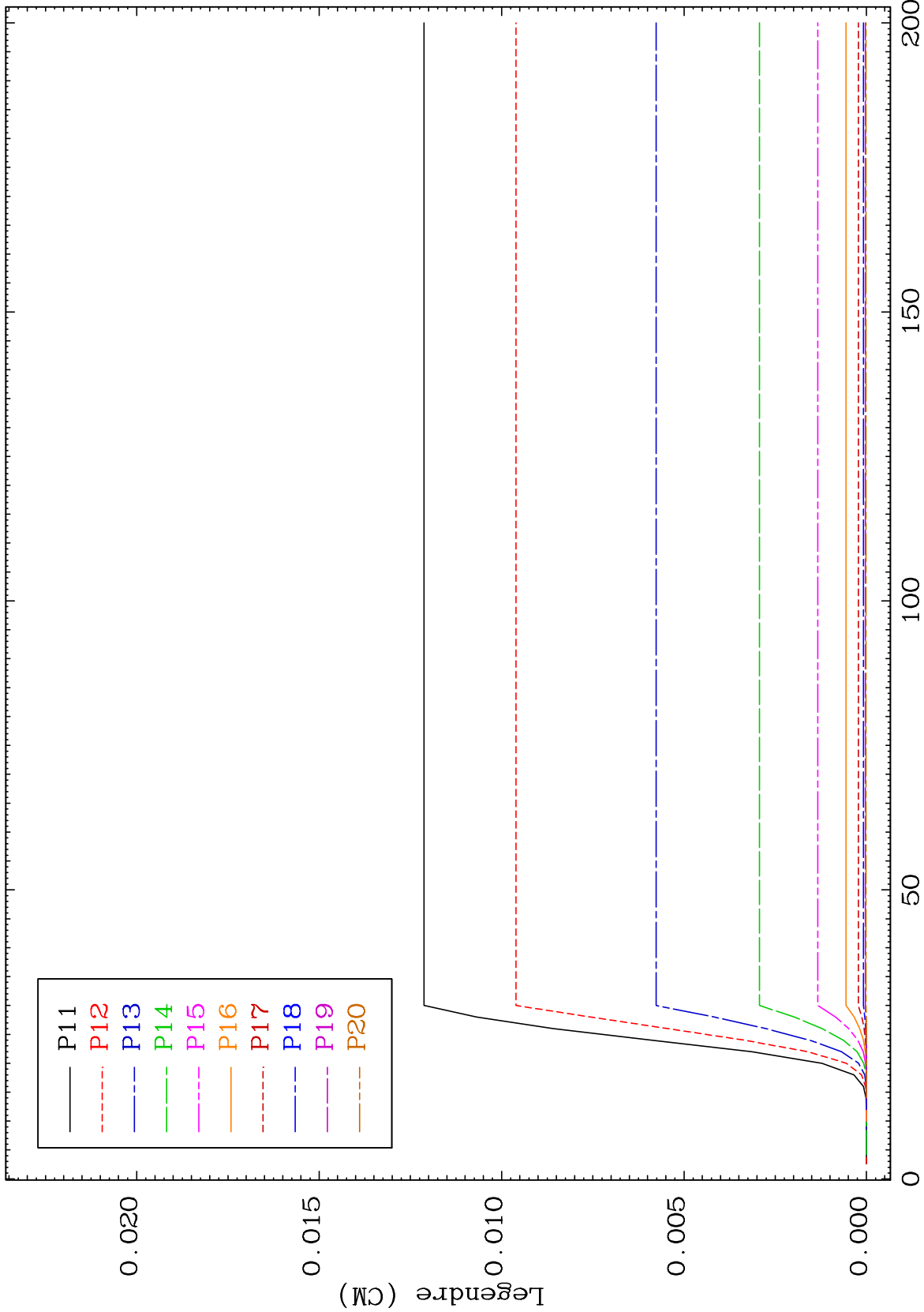
Incident Energy (MeV)

13-A1-27

MAT 1325

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

13-A1-27



27

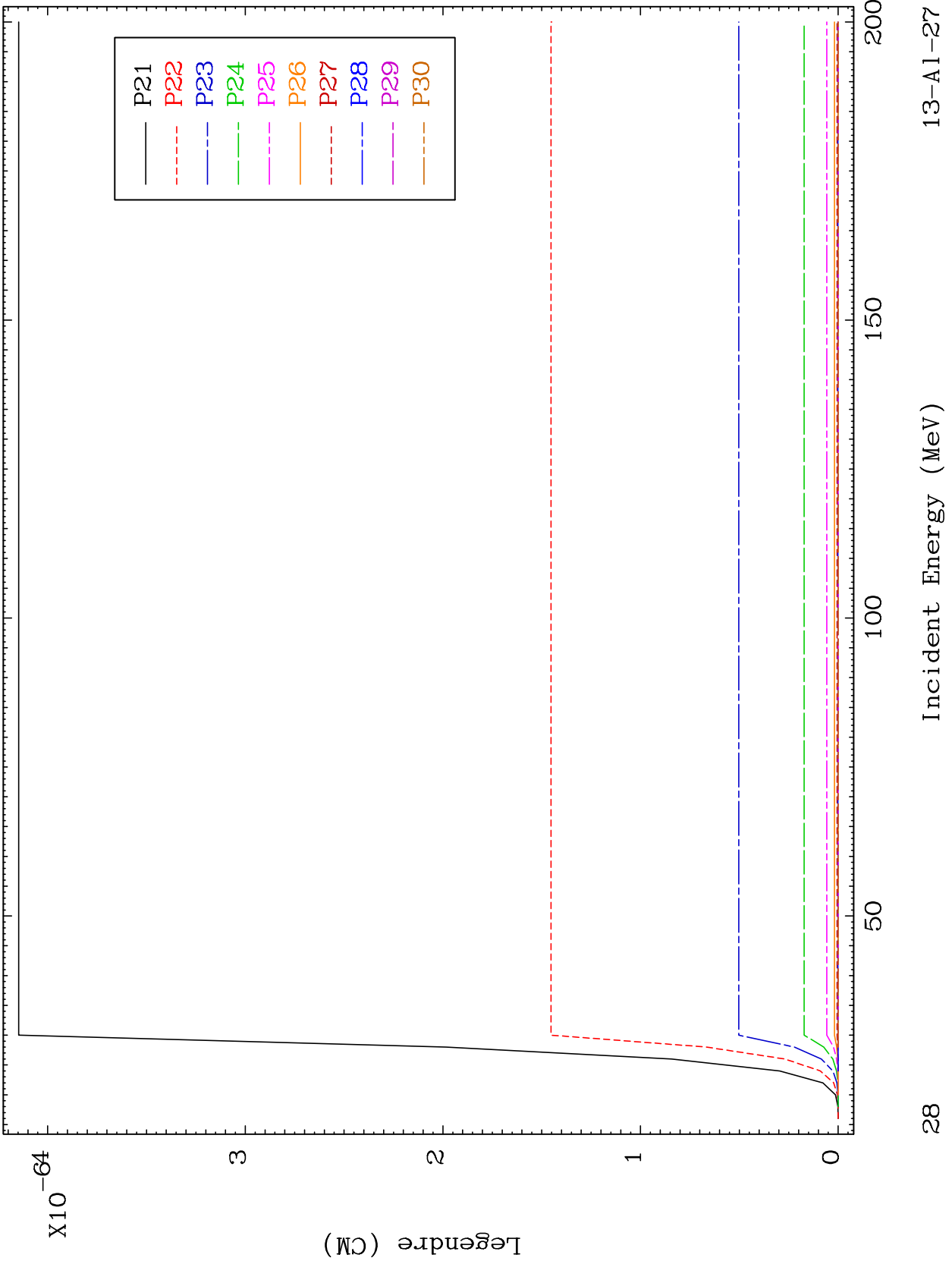
Incident Energy (MeV)

13-A1-27

MAT 1325

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

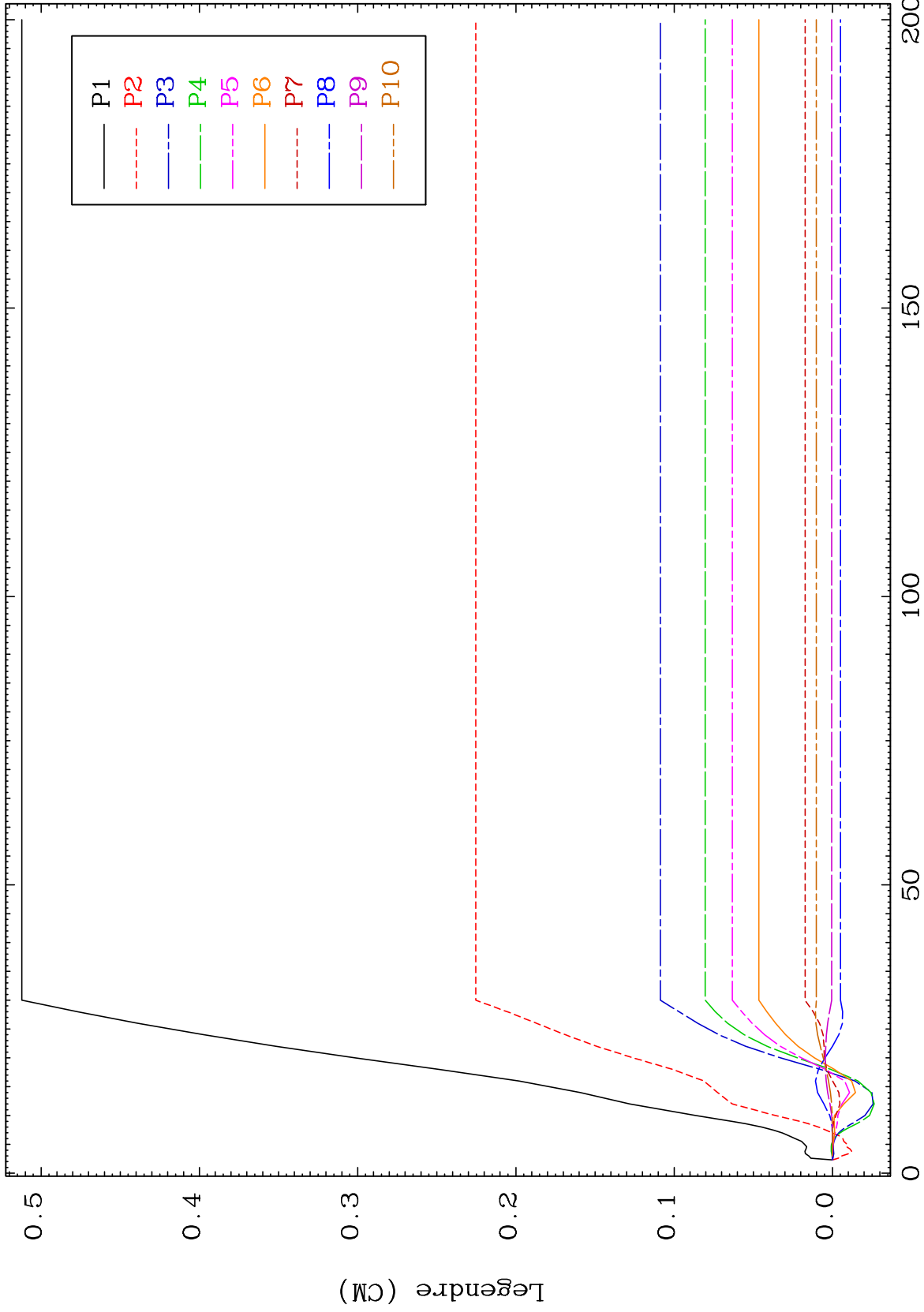
13-Al-27



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Incident Energy (MeV)

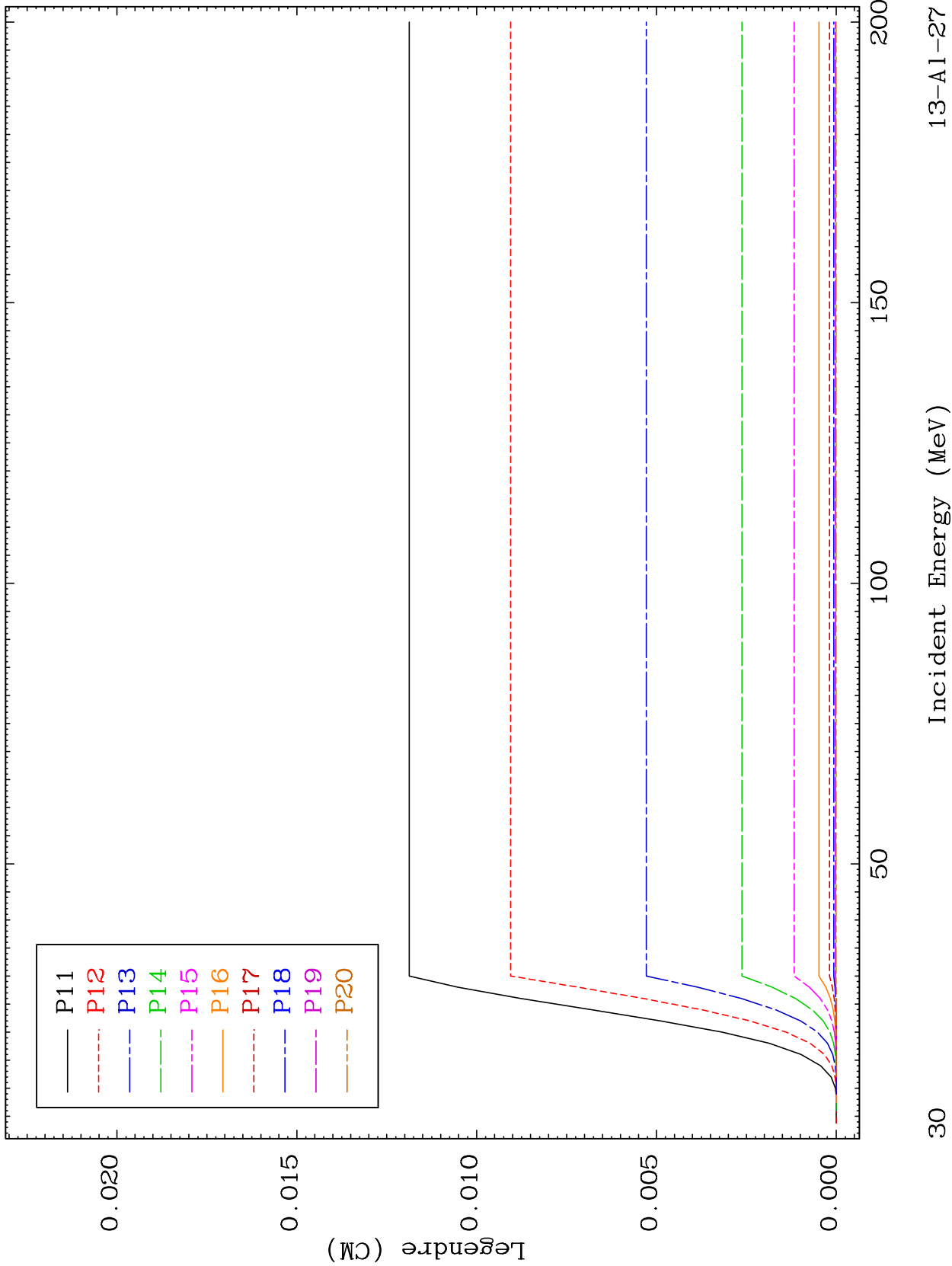
13-Al-27



MAT 1325

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

13-Al-27



30

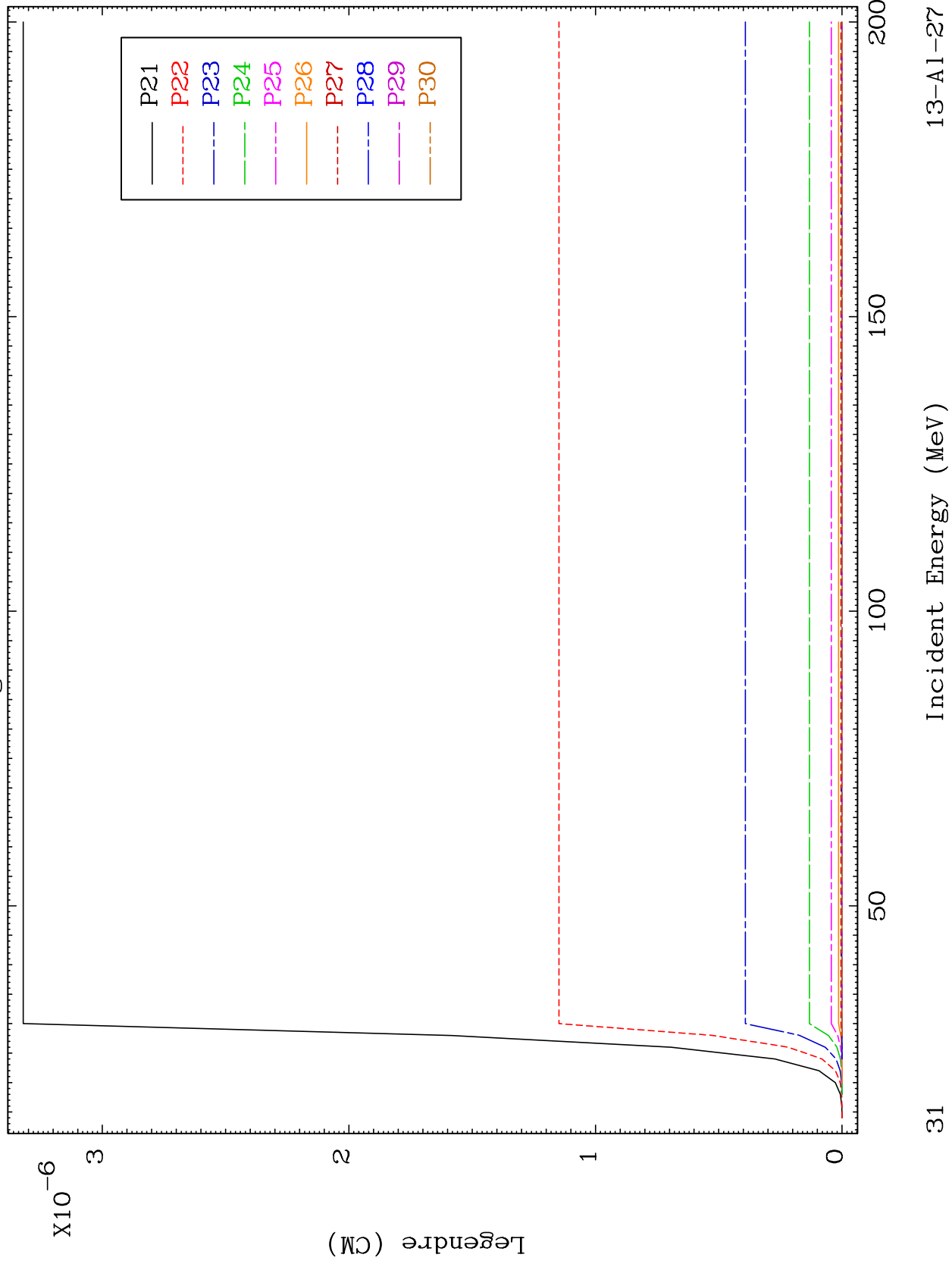
Incident Energy (MeV)

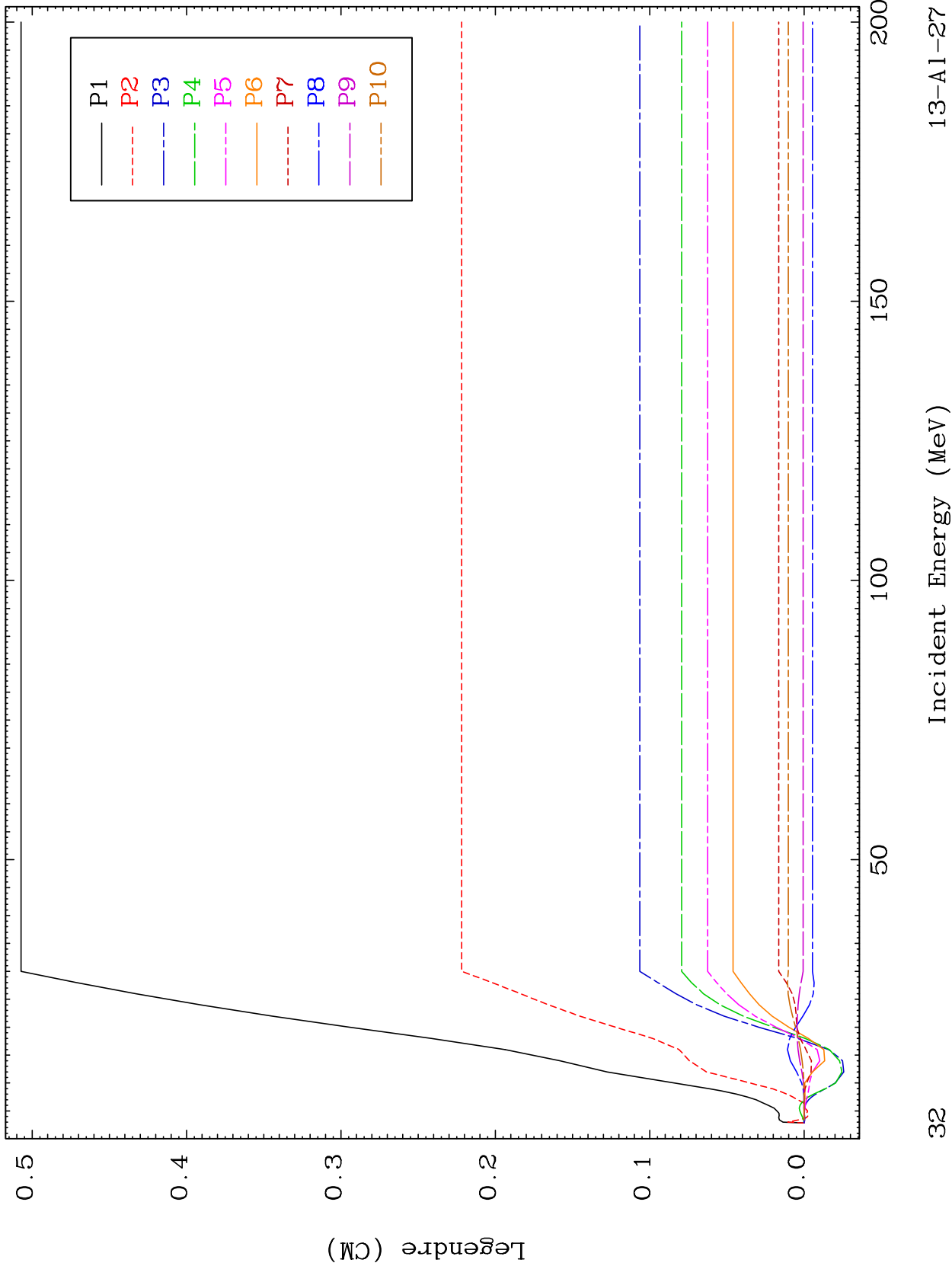
13-Al-27

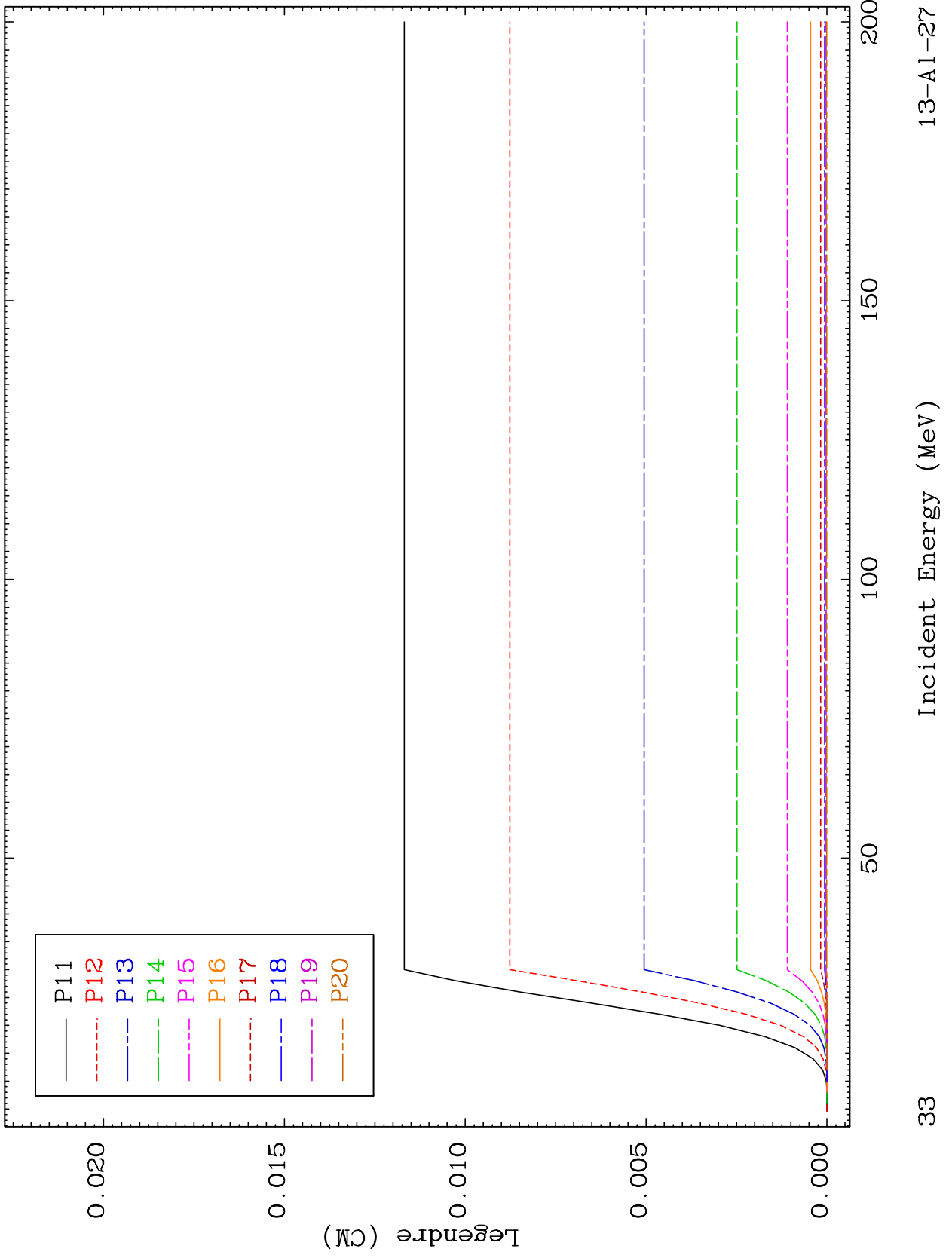
MAT 1325

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

13-Al-27



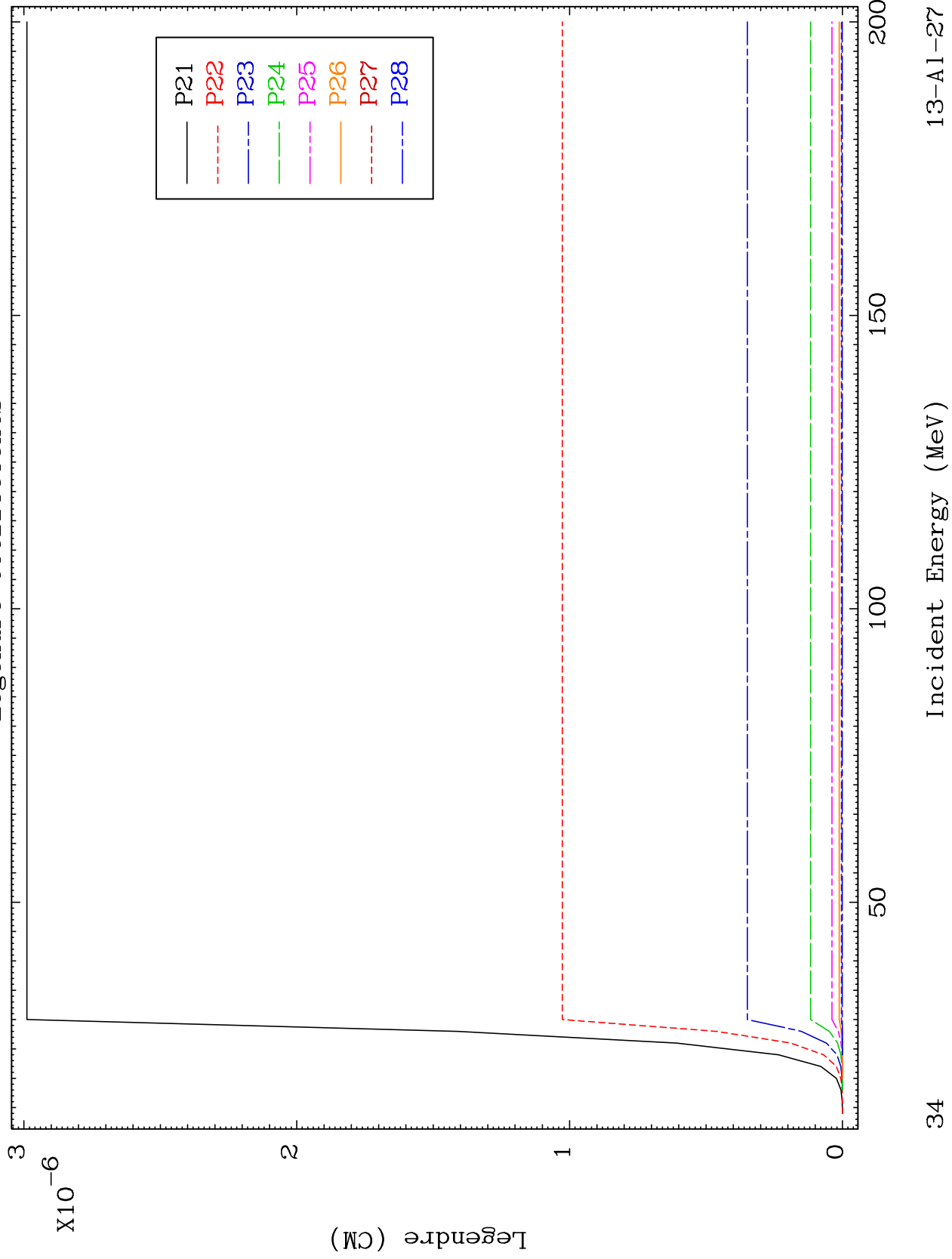




MAT 1325

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

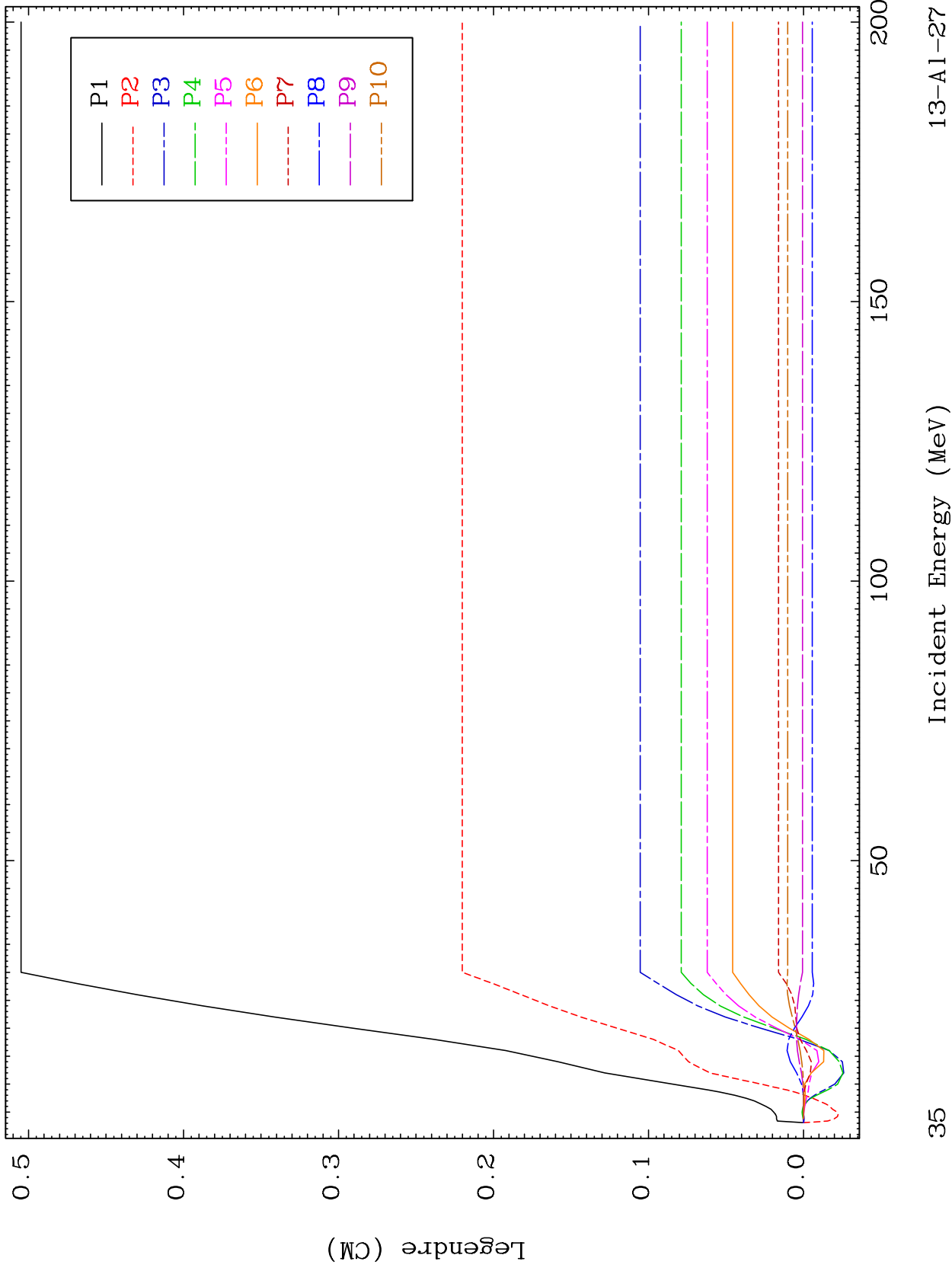
13-A1-27



MAT 1325

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

13-Al-27



35

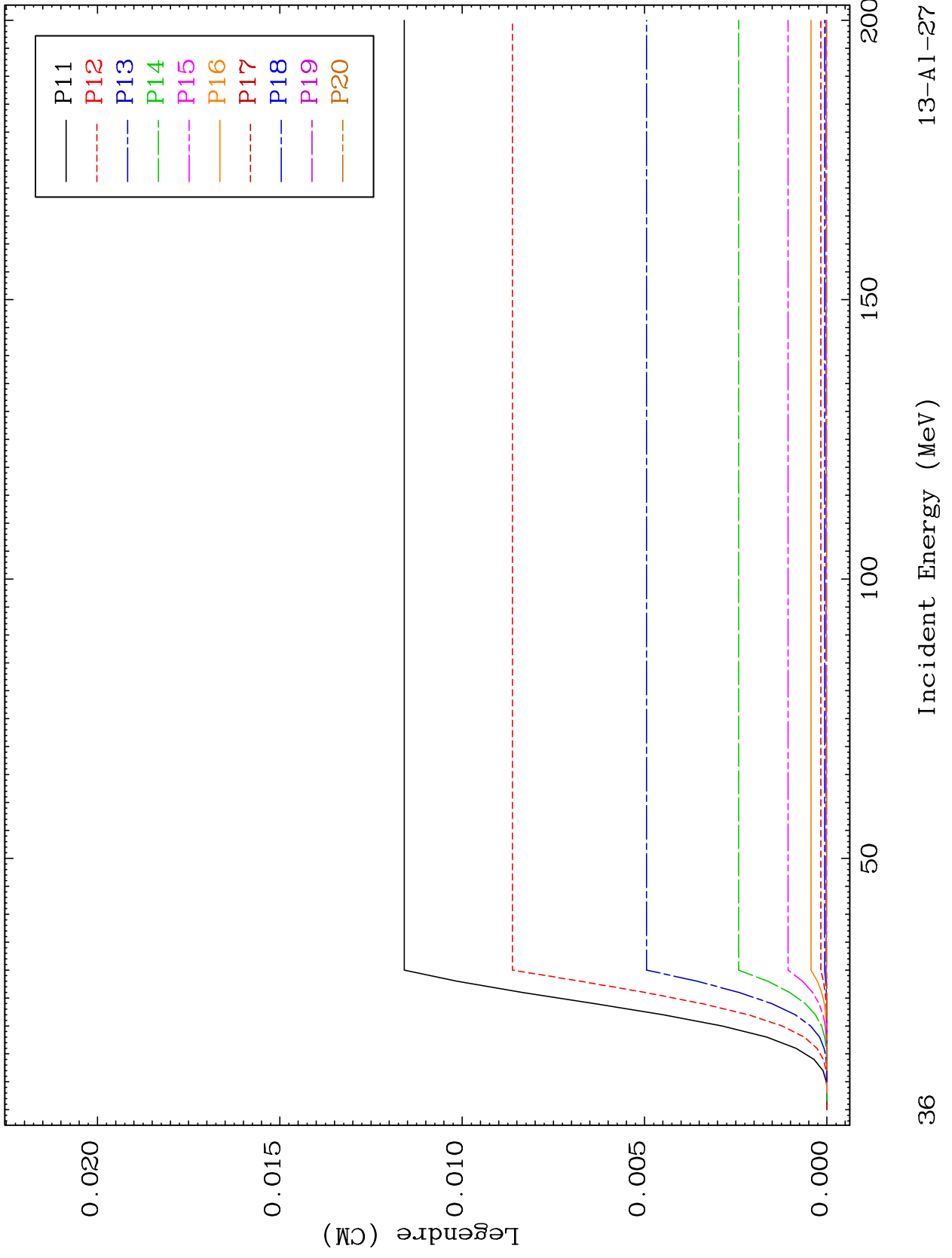
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-Al-27



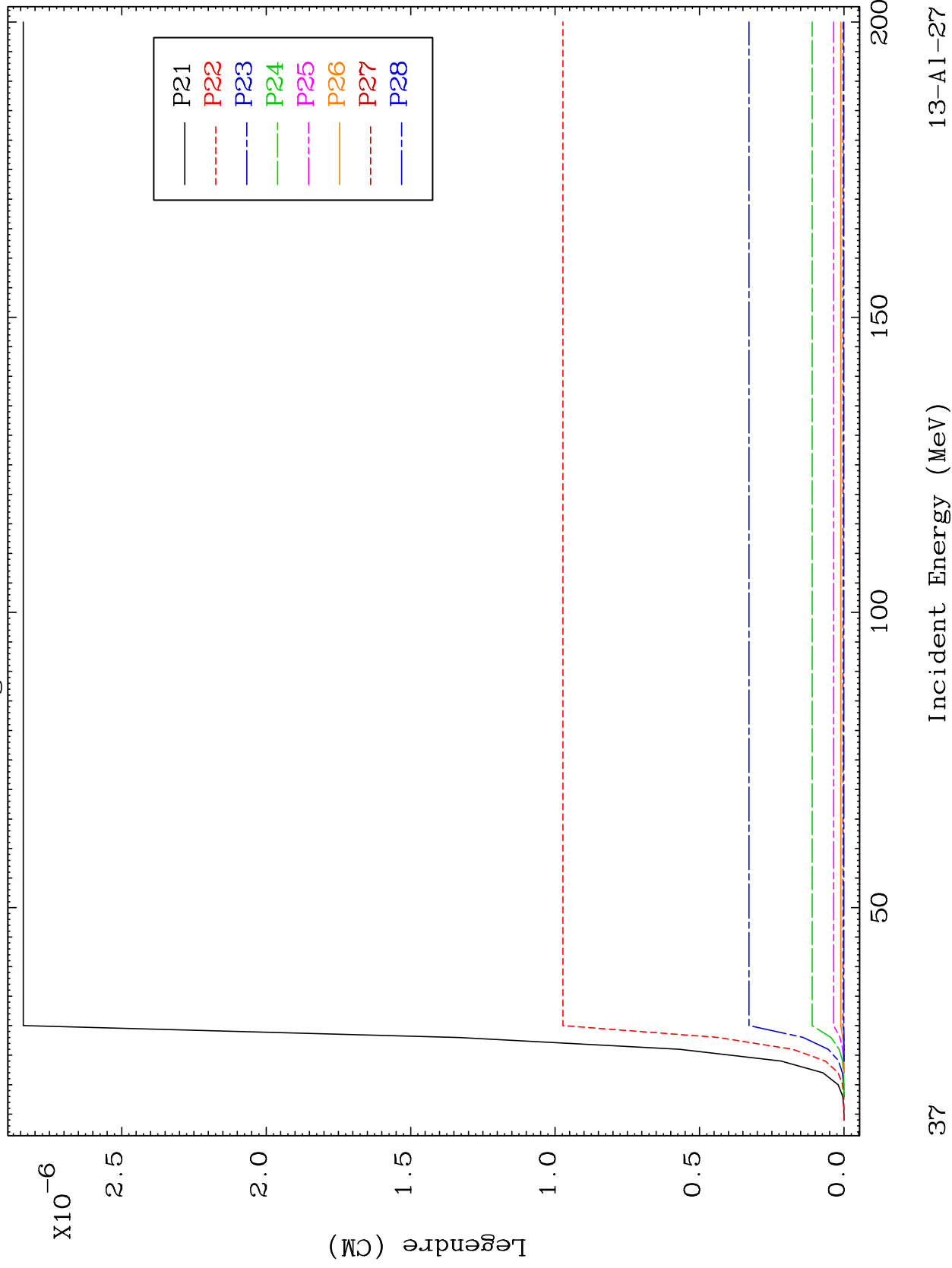
36

13-Al-27

MAT 1325

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

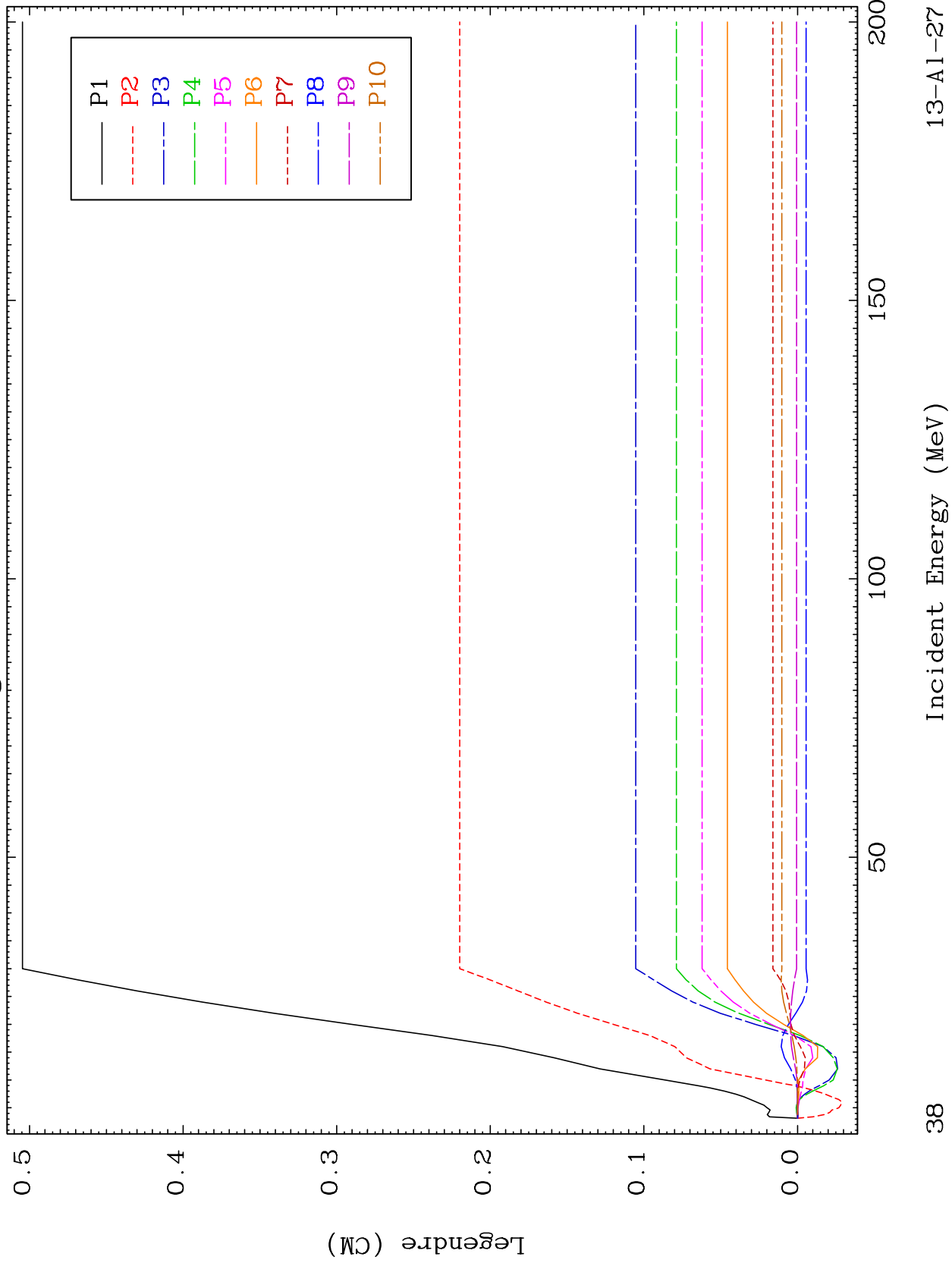
13-Al-27



MAT 1325

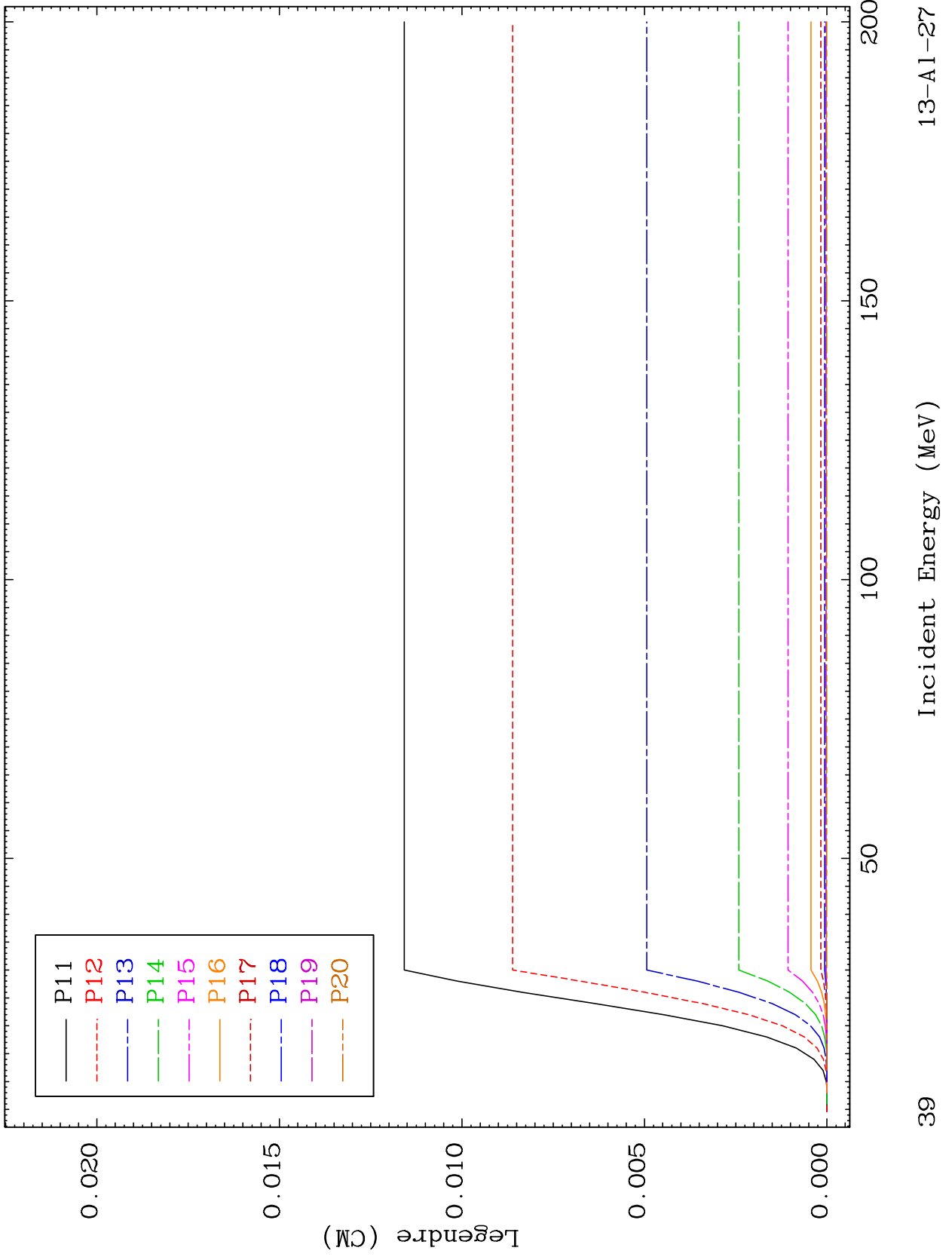
MT= 56 (n,n') Level
Legendre Coefficients

13-A1-27



38

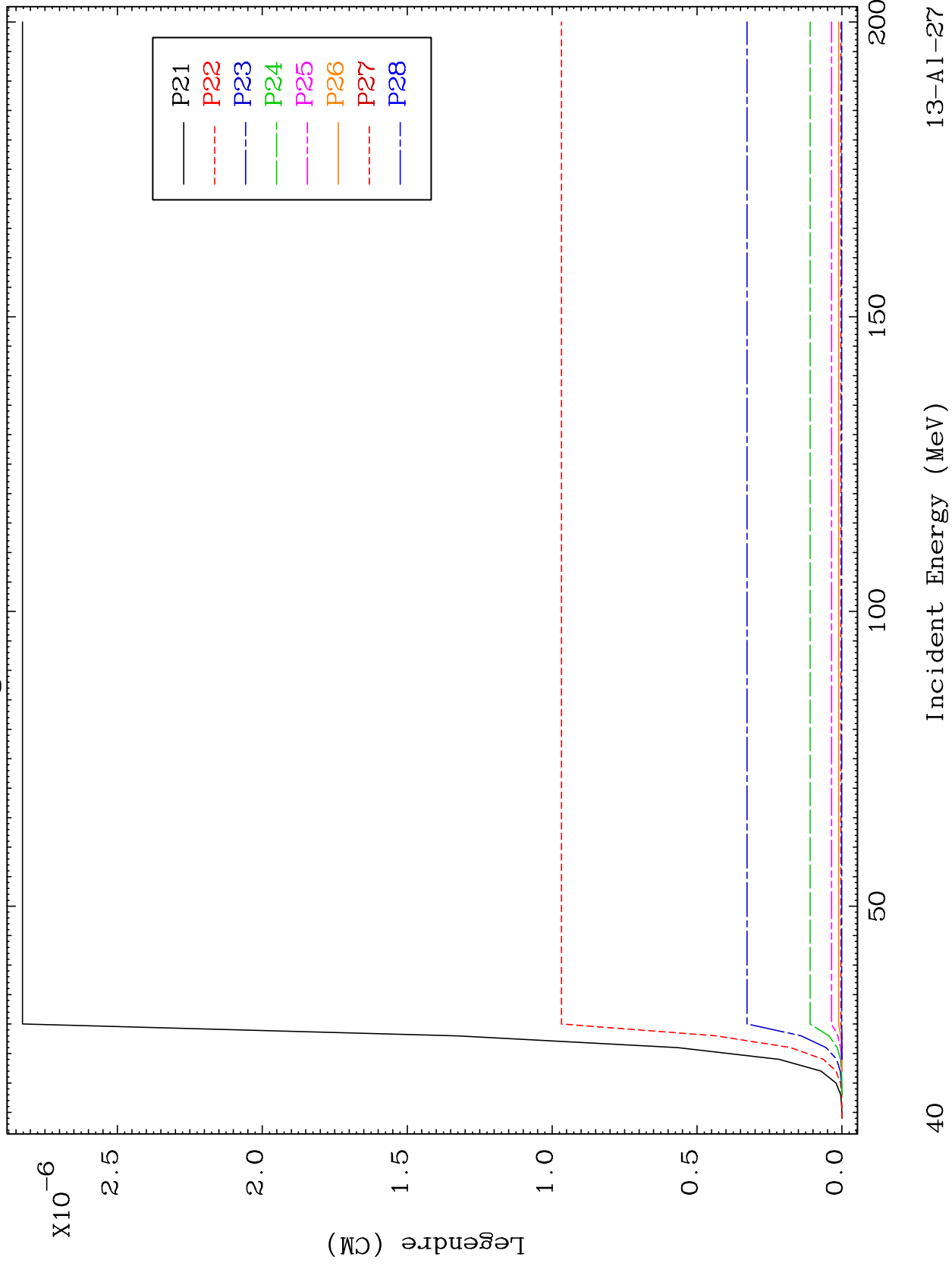
13-A1-27



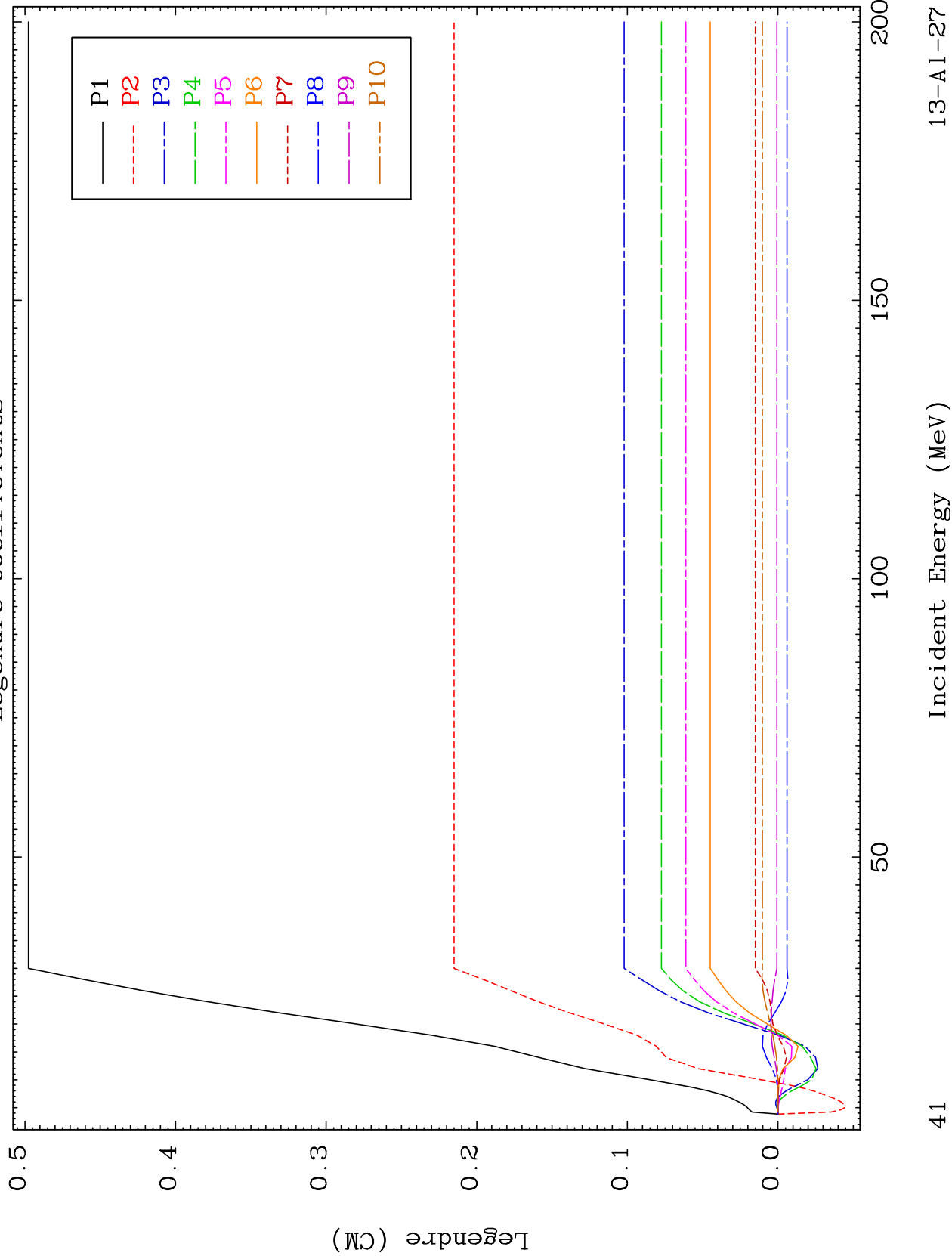
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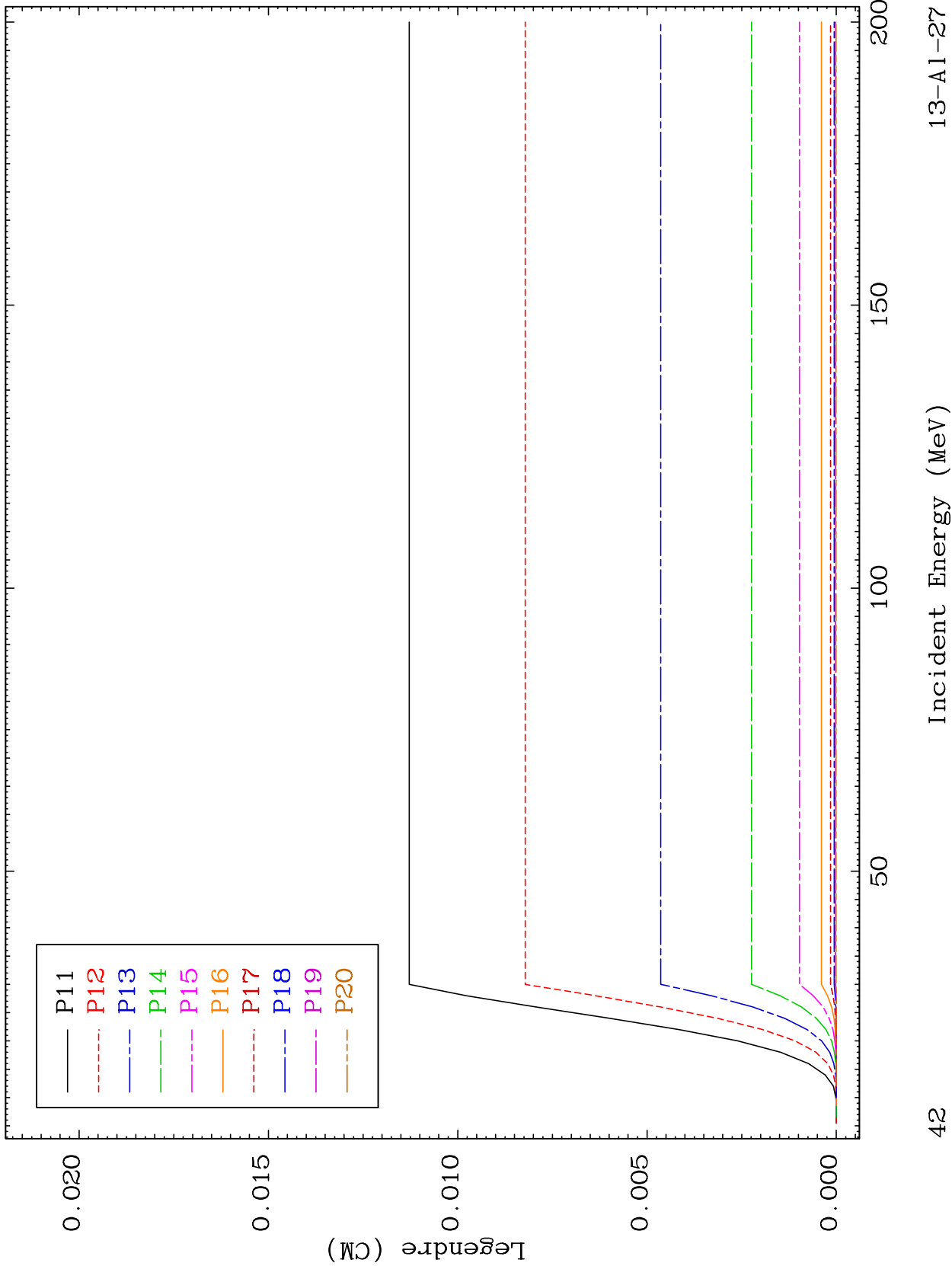
MT= 56 (n,n') Level
Legendre Coefficients

13-Al-27



13-Al-27

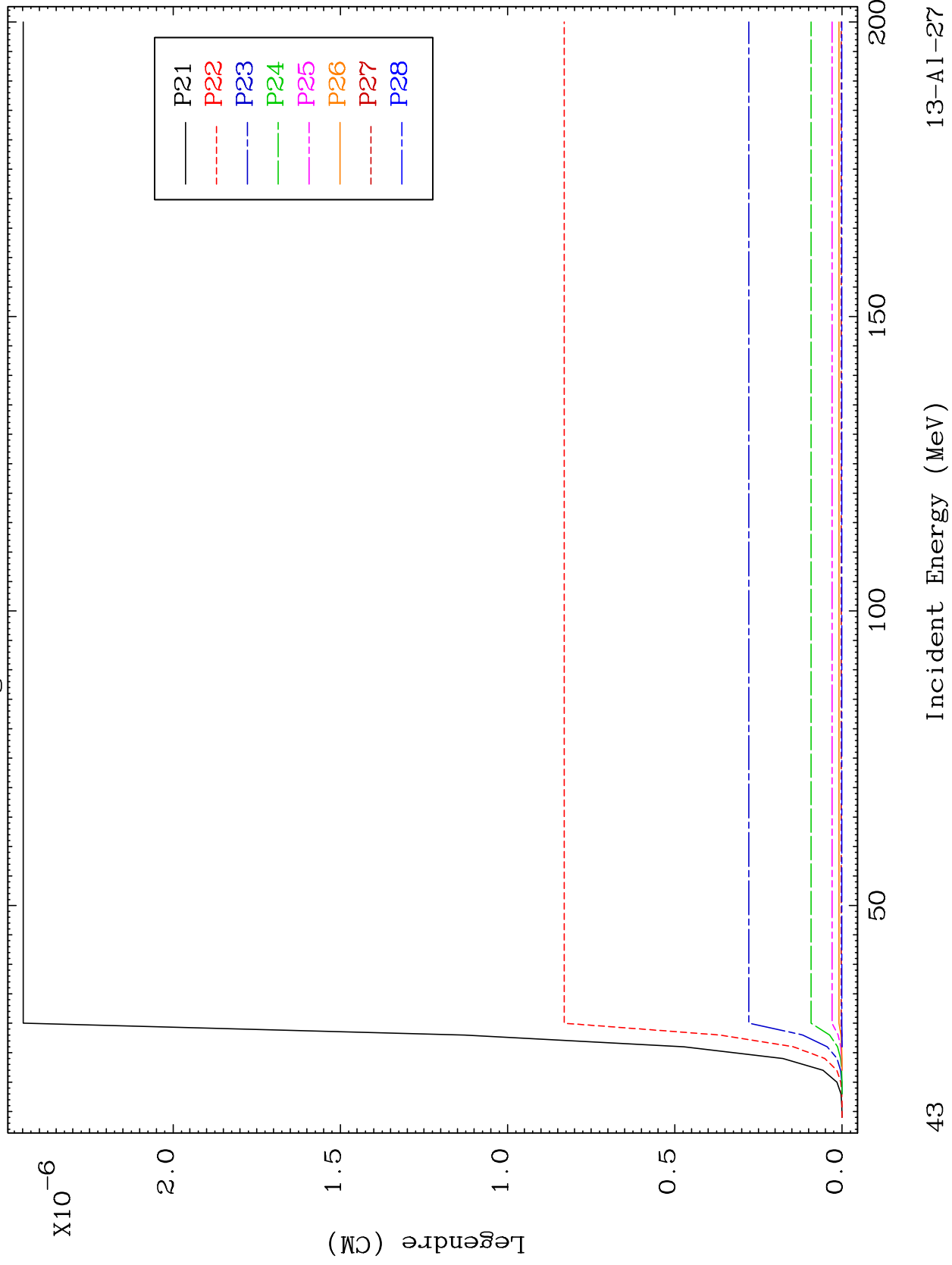




MAT 1325

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

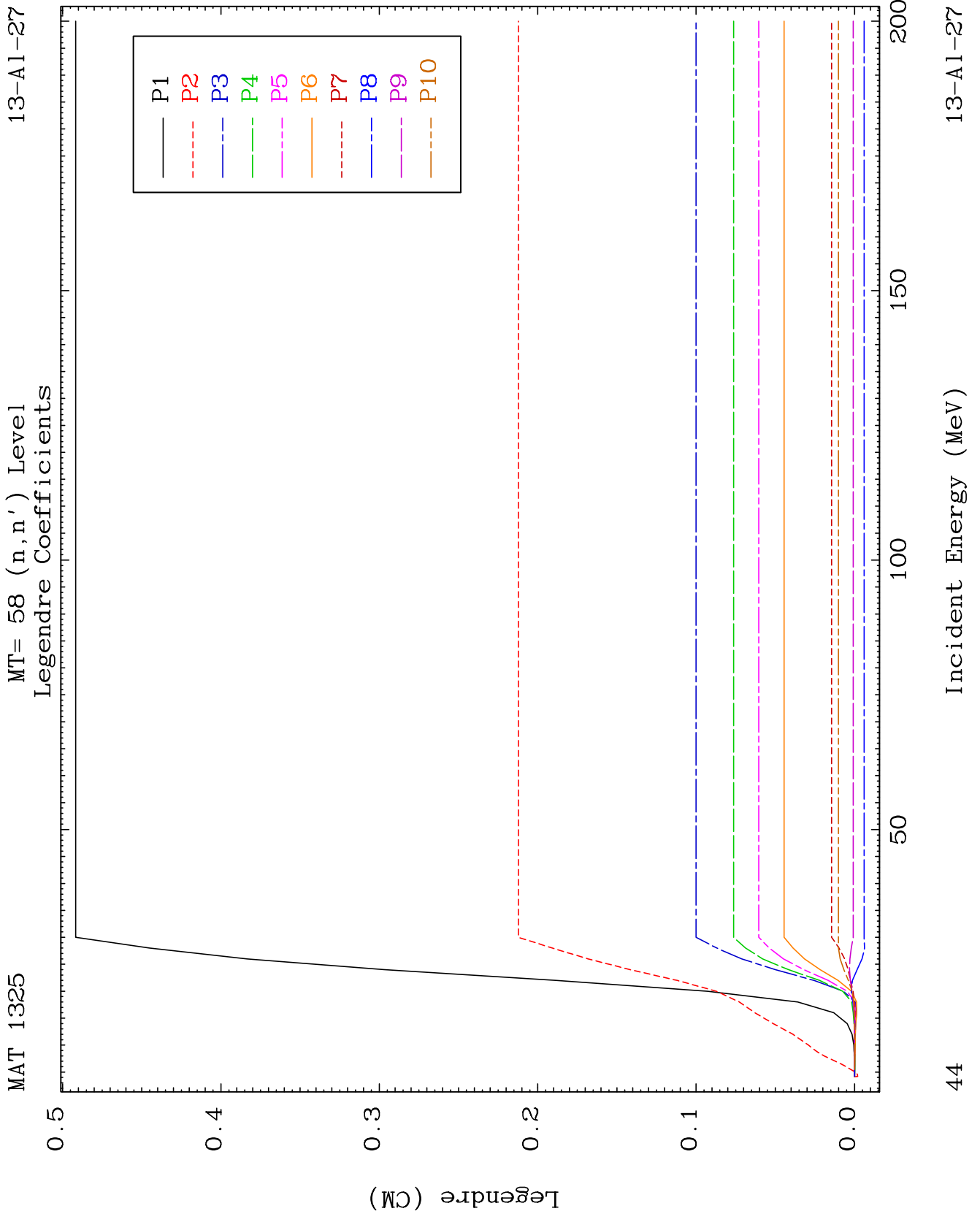
13-Al-27



43

Incident Energy (MeV)

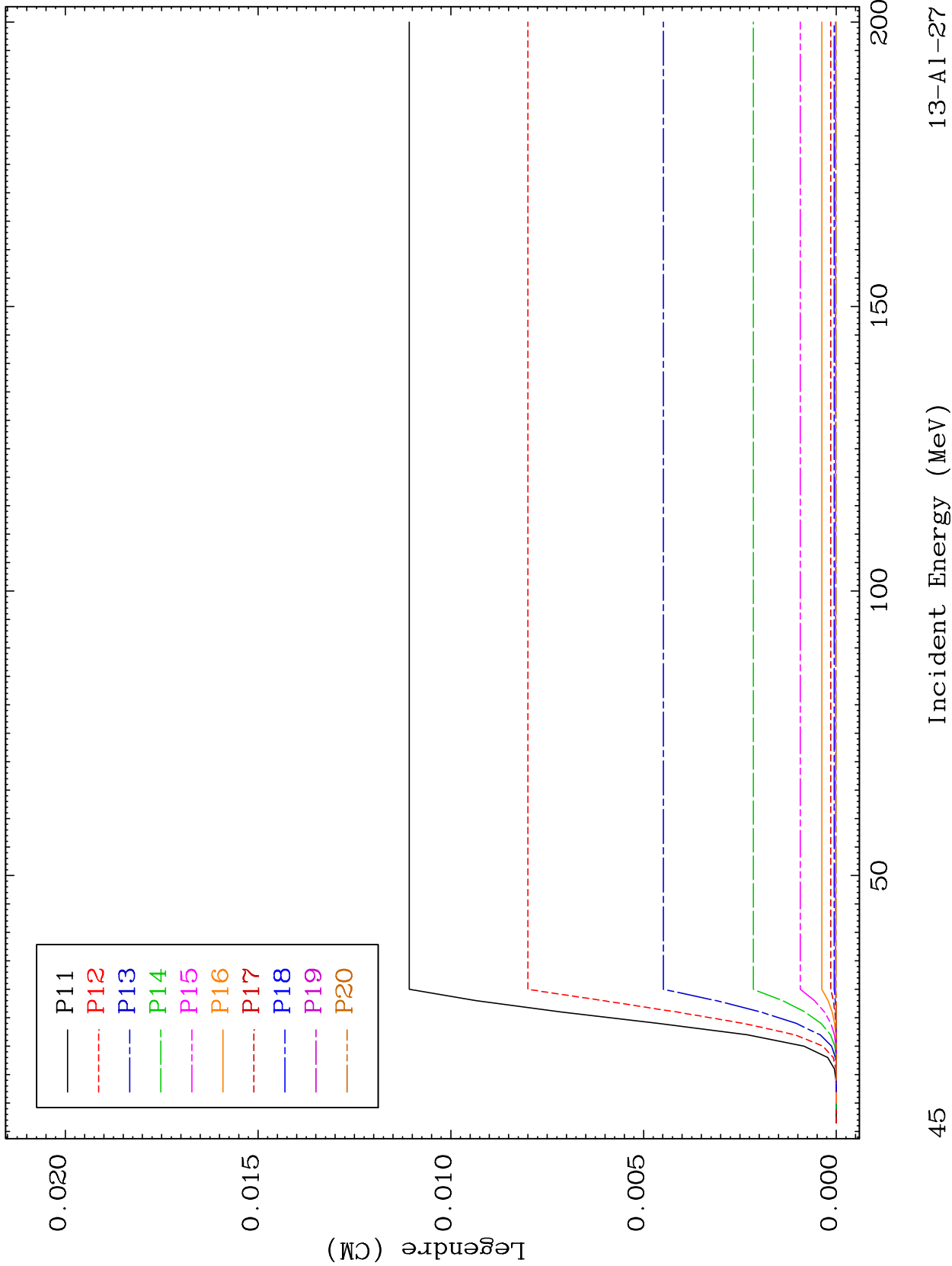
13-Al-27



MAT 1325

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

13-A1-27



45

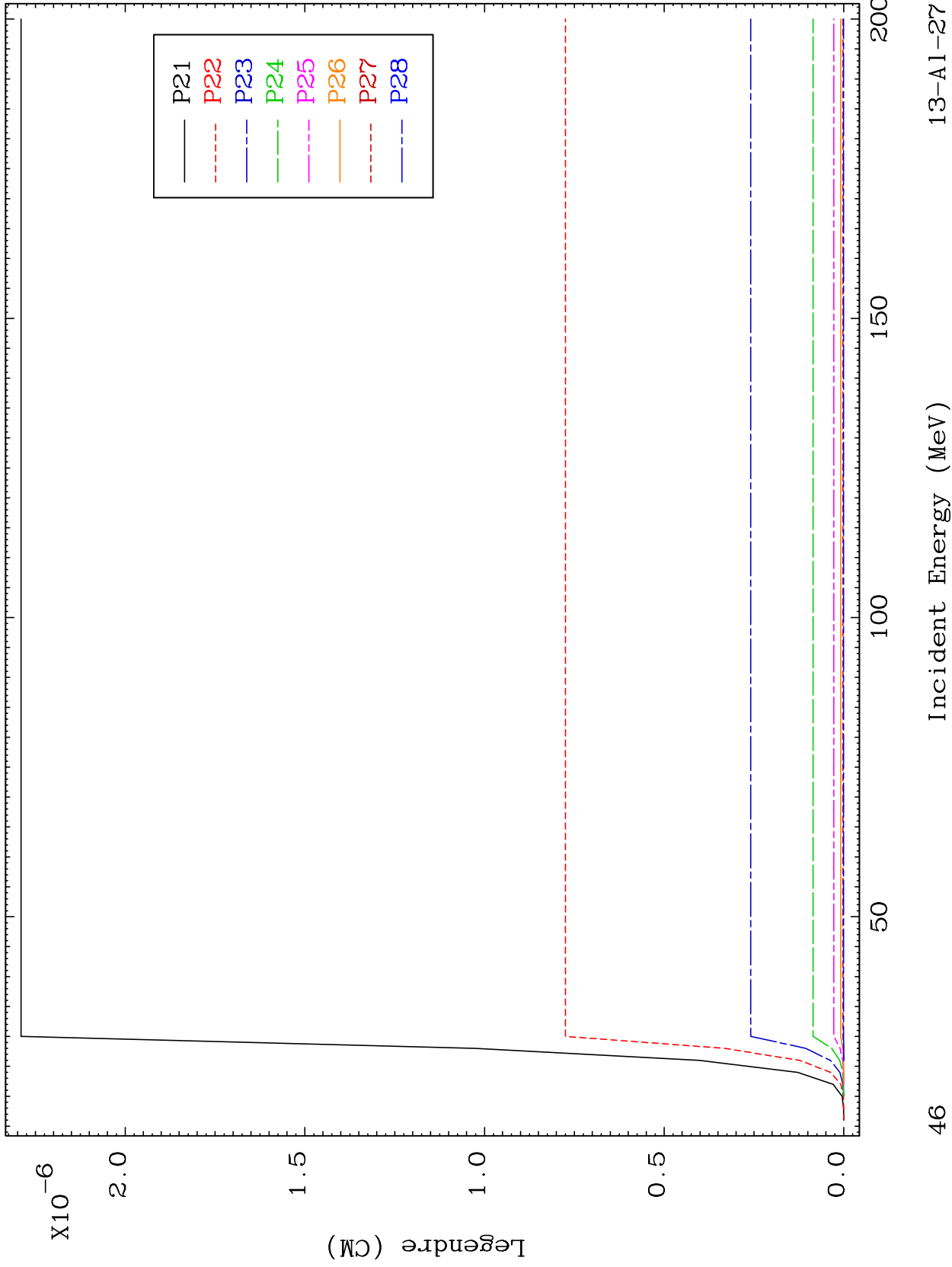
Incident Energy (MeV)

13-A1-27

MAT 1325

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

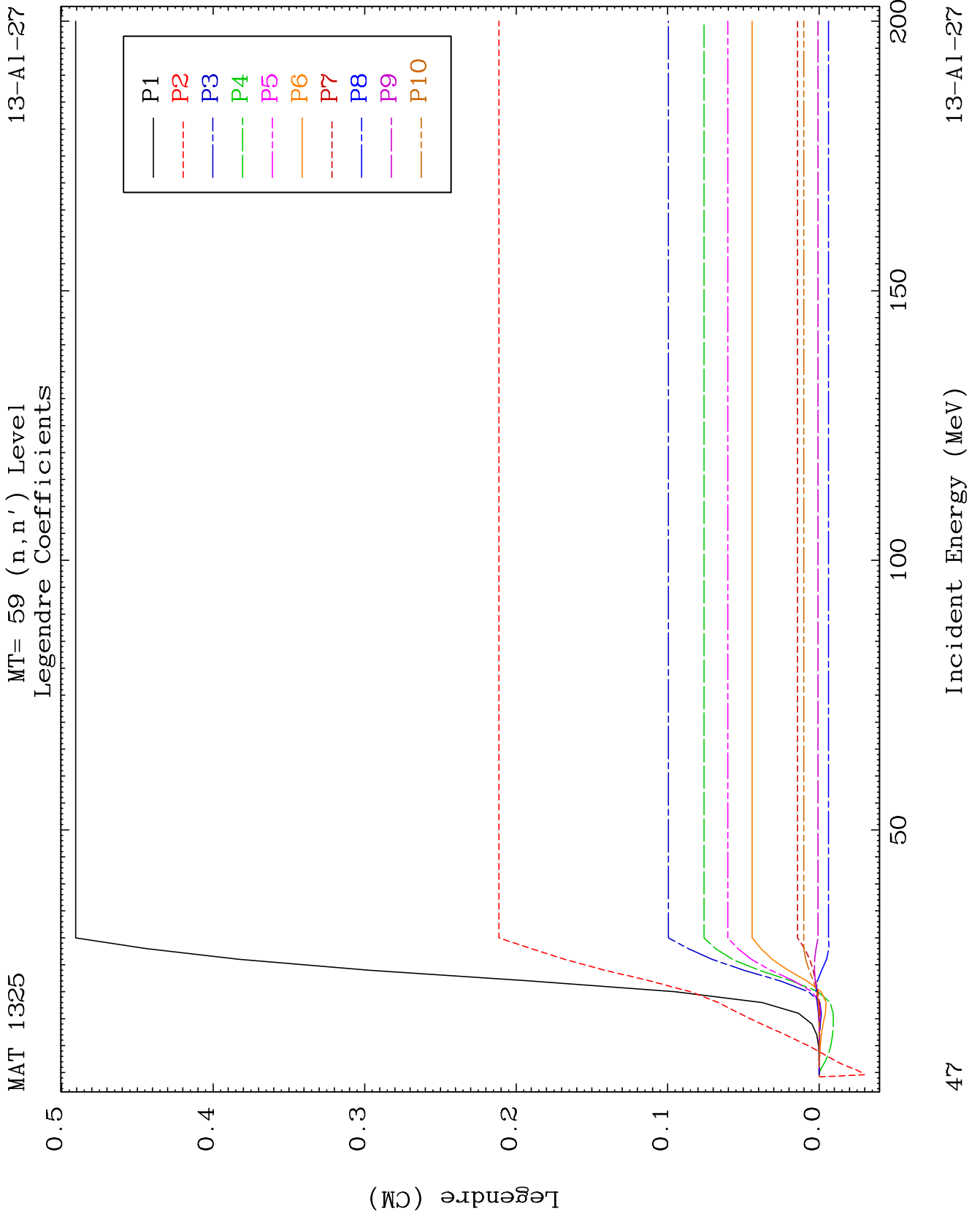
13-Al-27



46

Incident Energy (MeV)

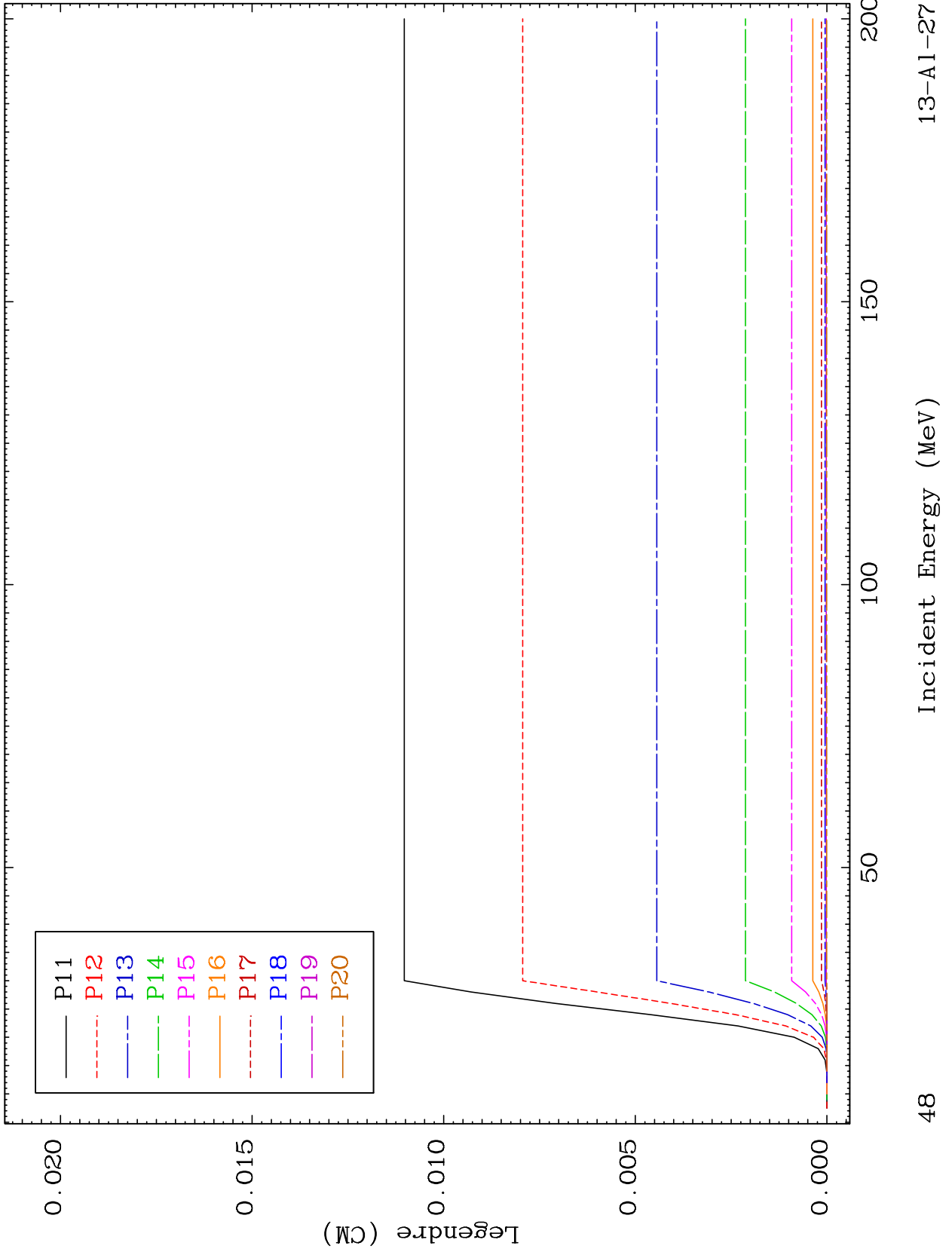
13-Al-27



MAT 1325

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

13-A1-27



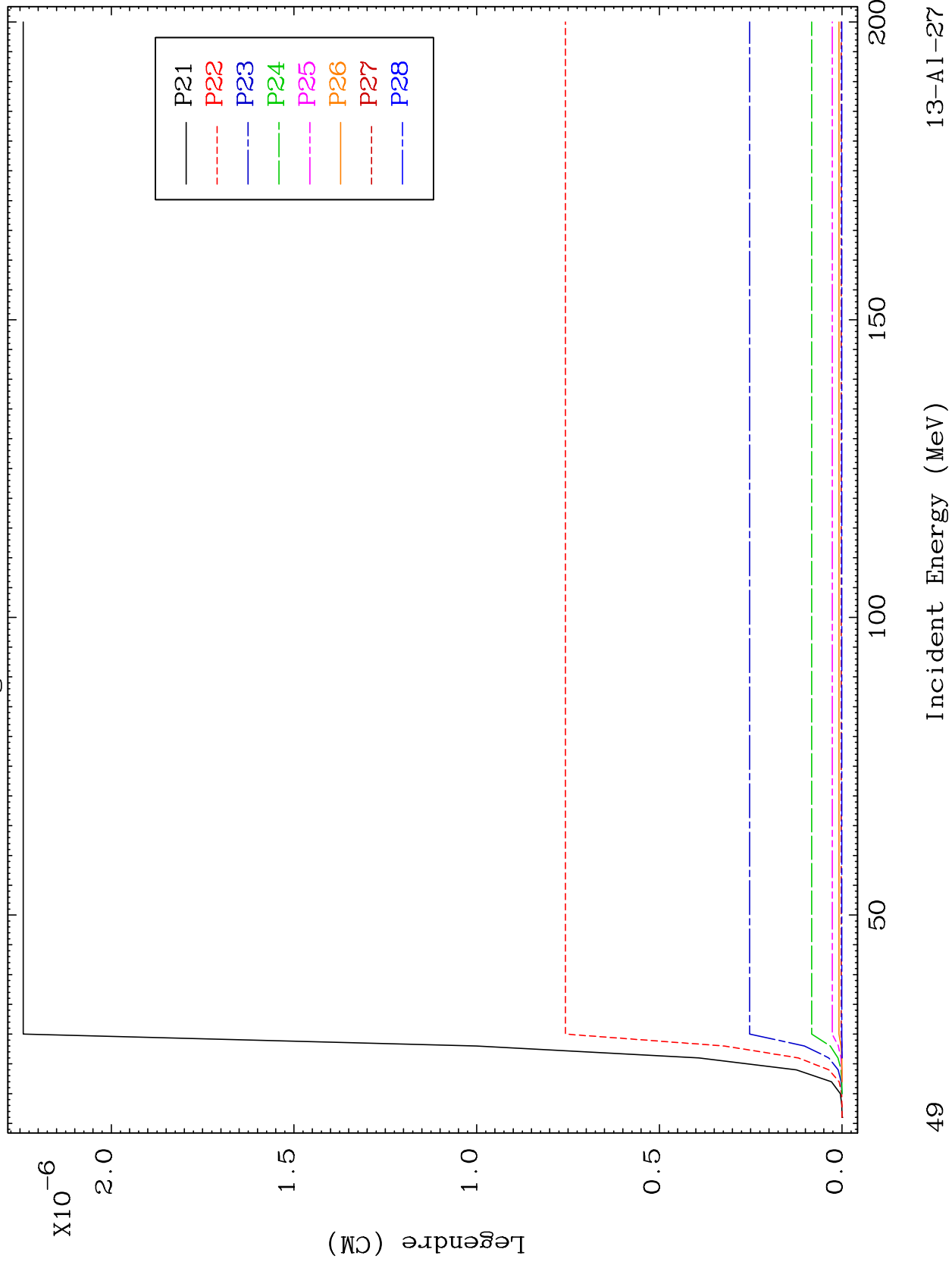
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13-A1-27

MAT 1325

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

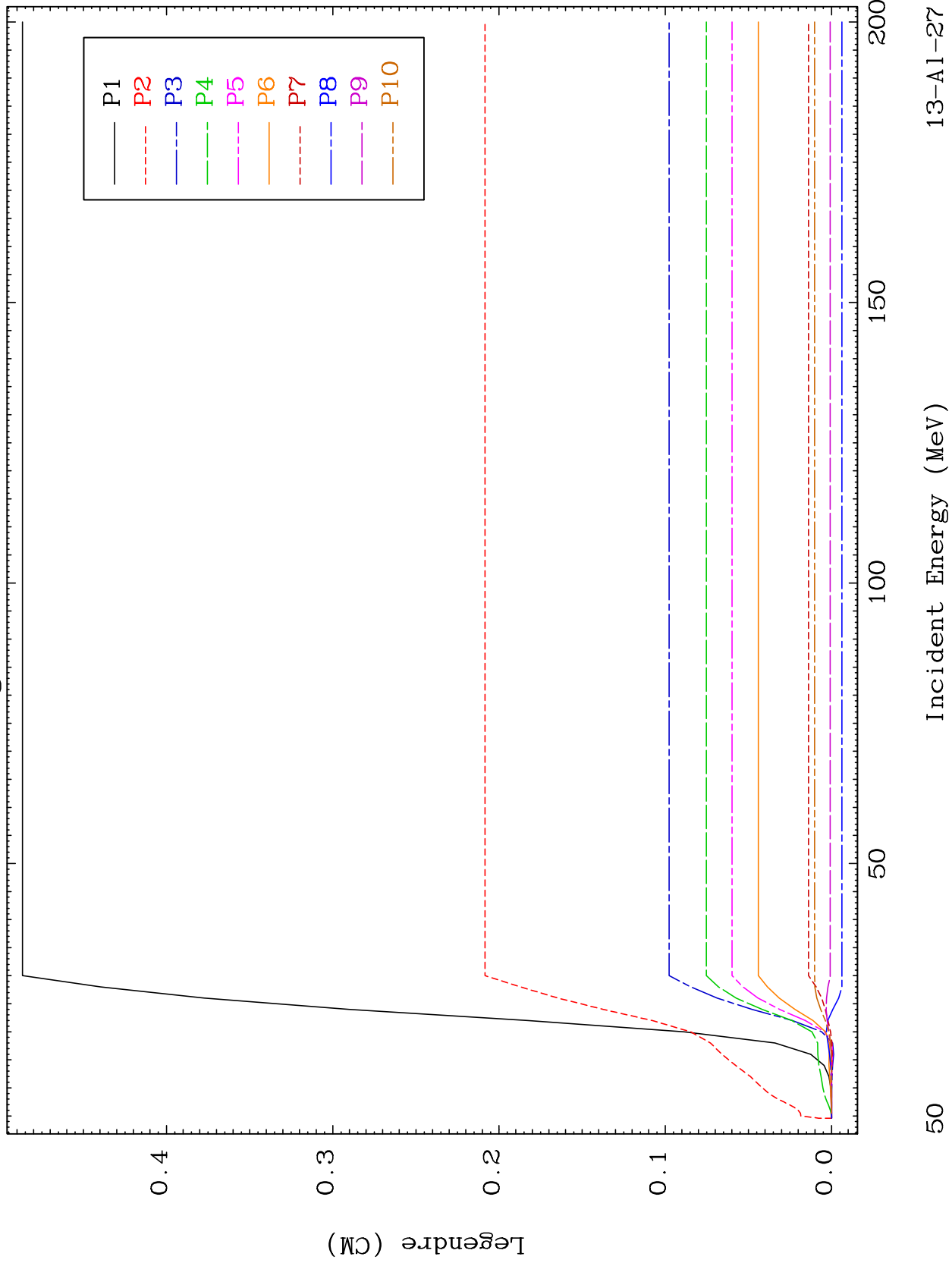
13-Al-27



MAT 1325

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

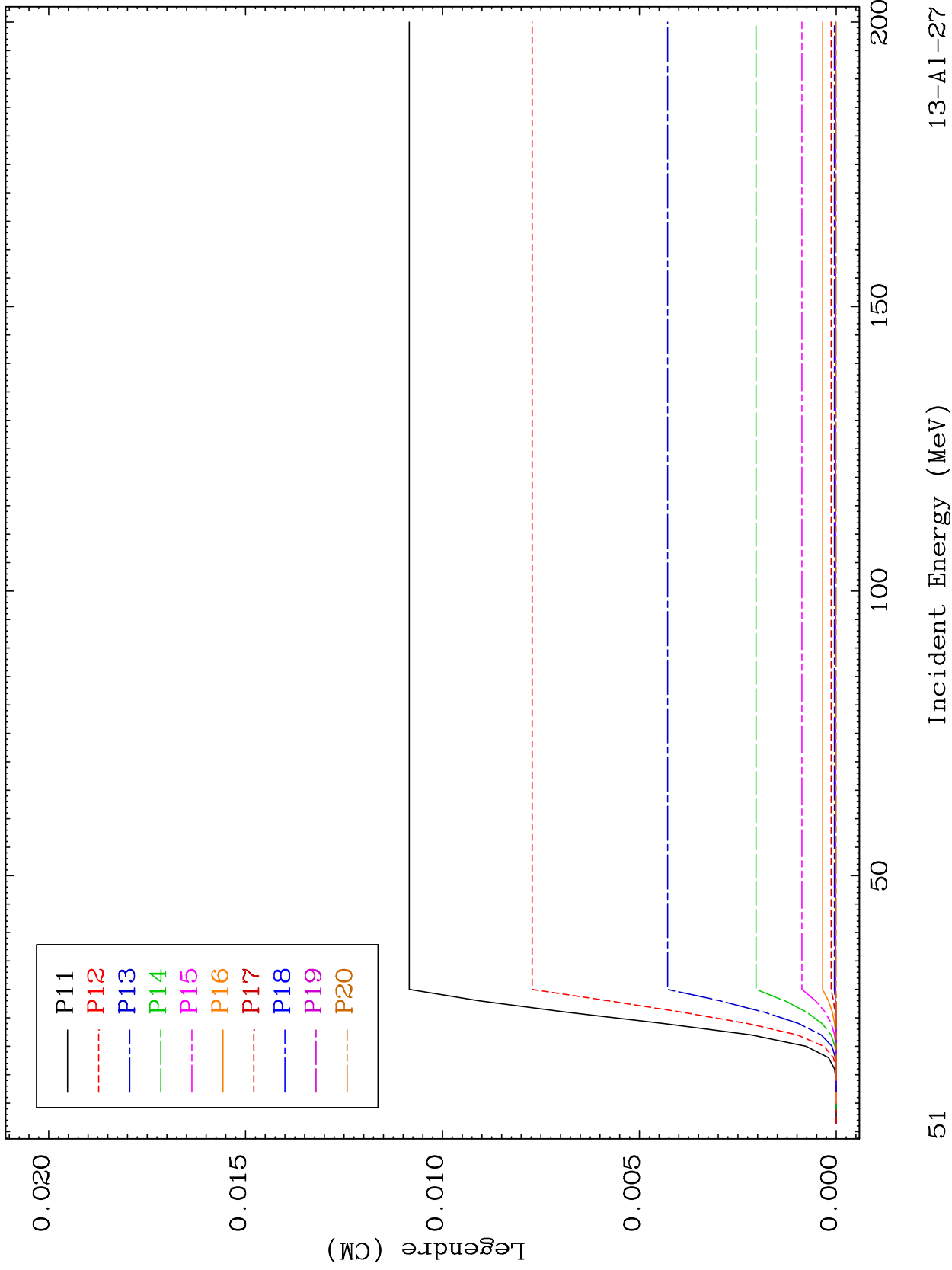
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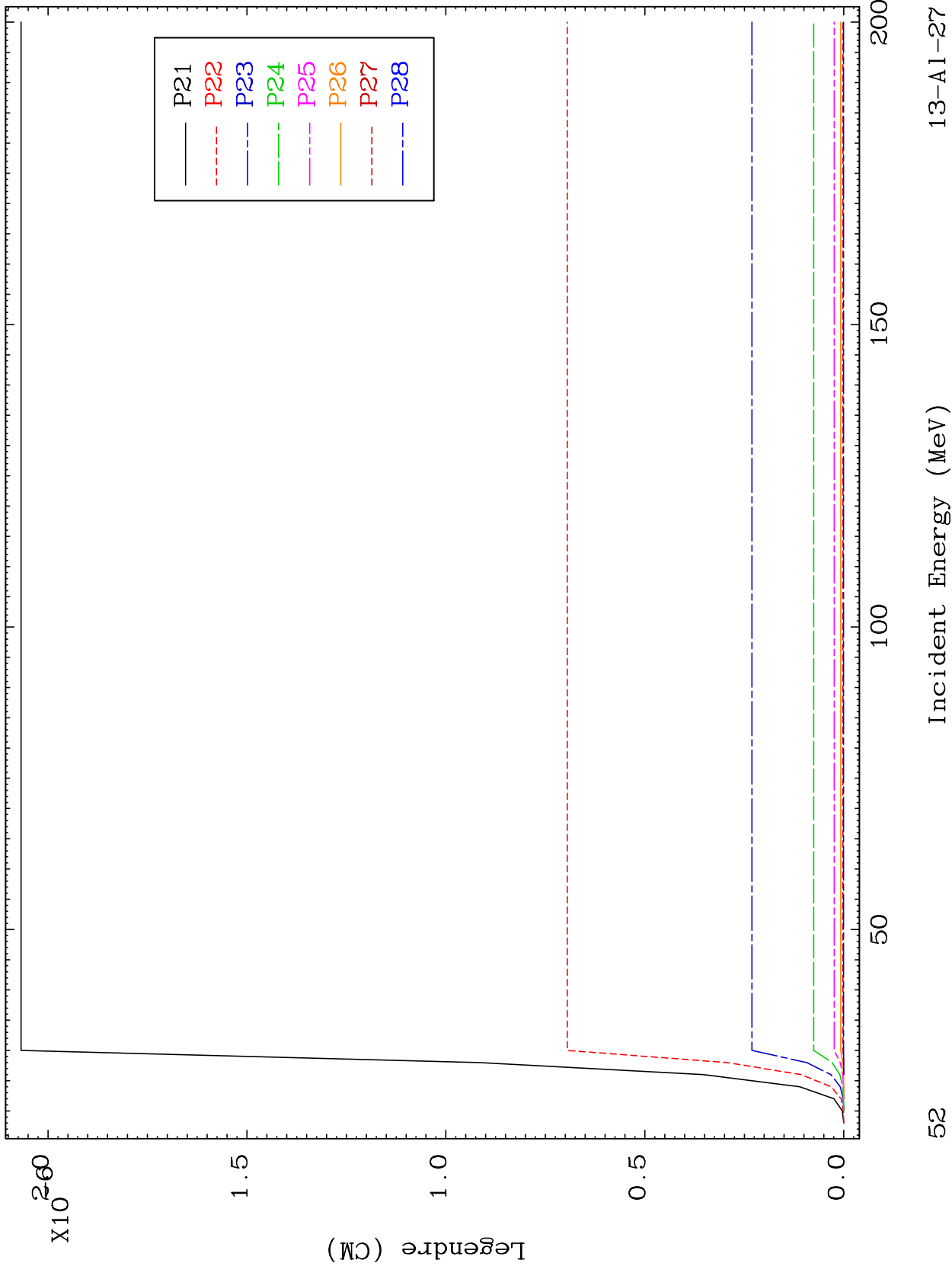


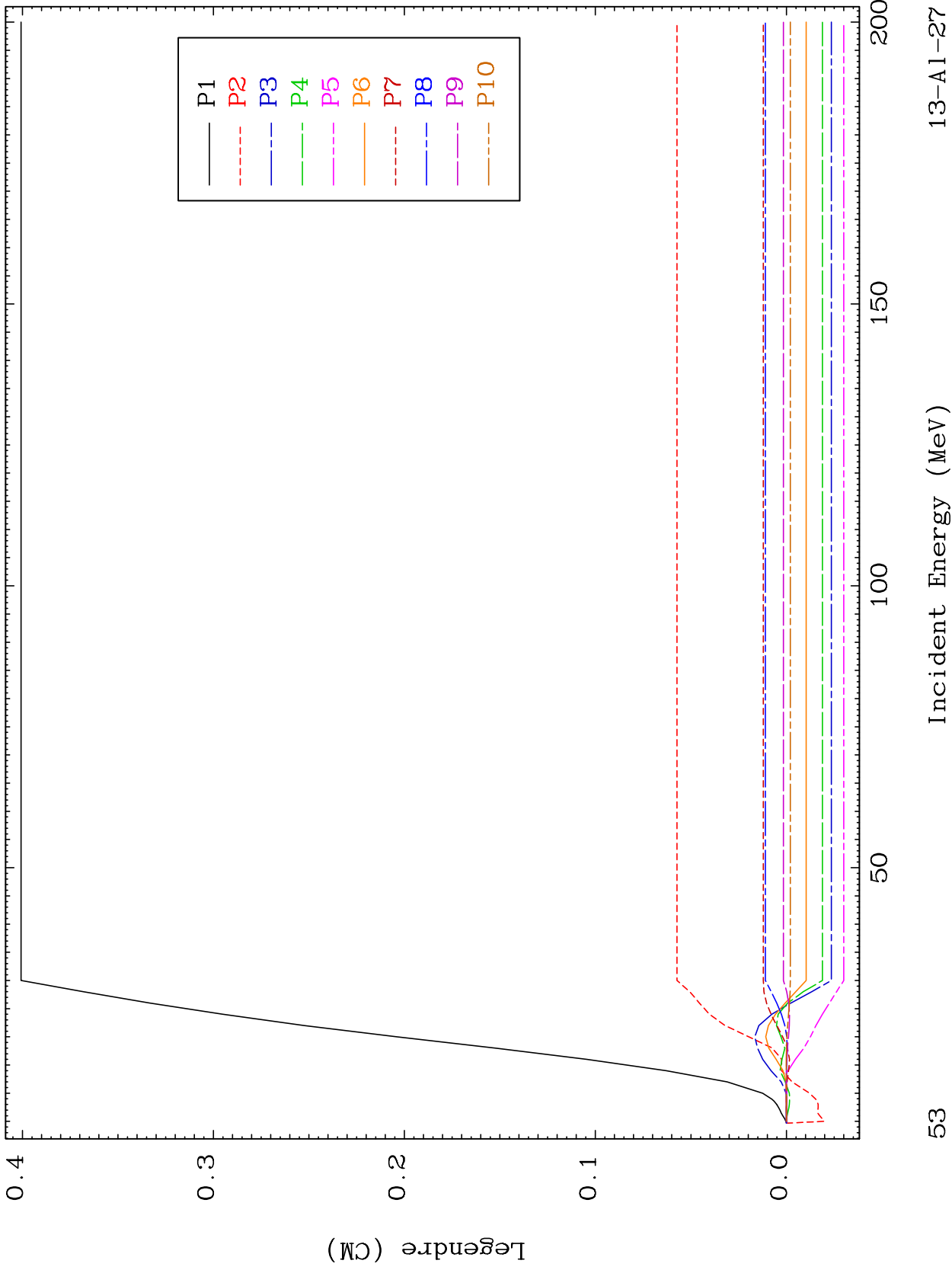
13-Al-27

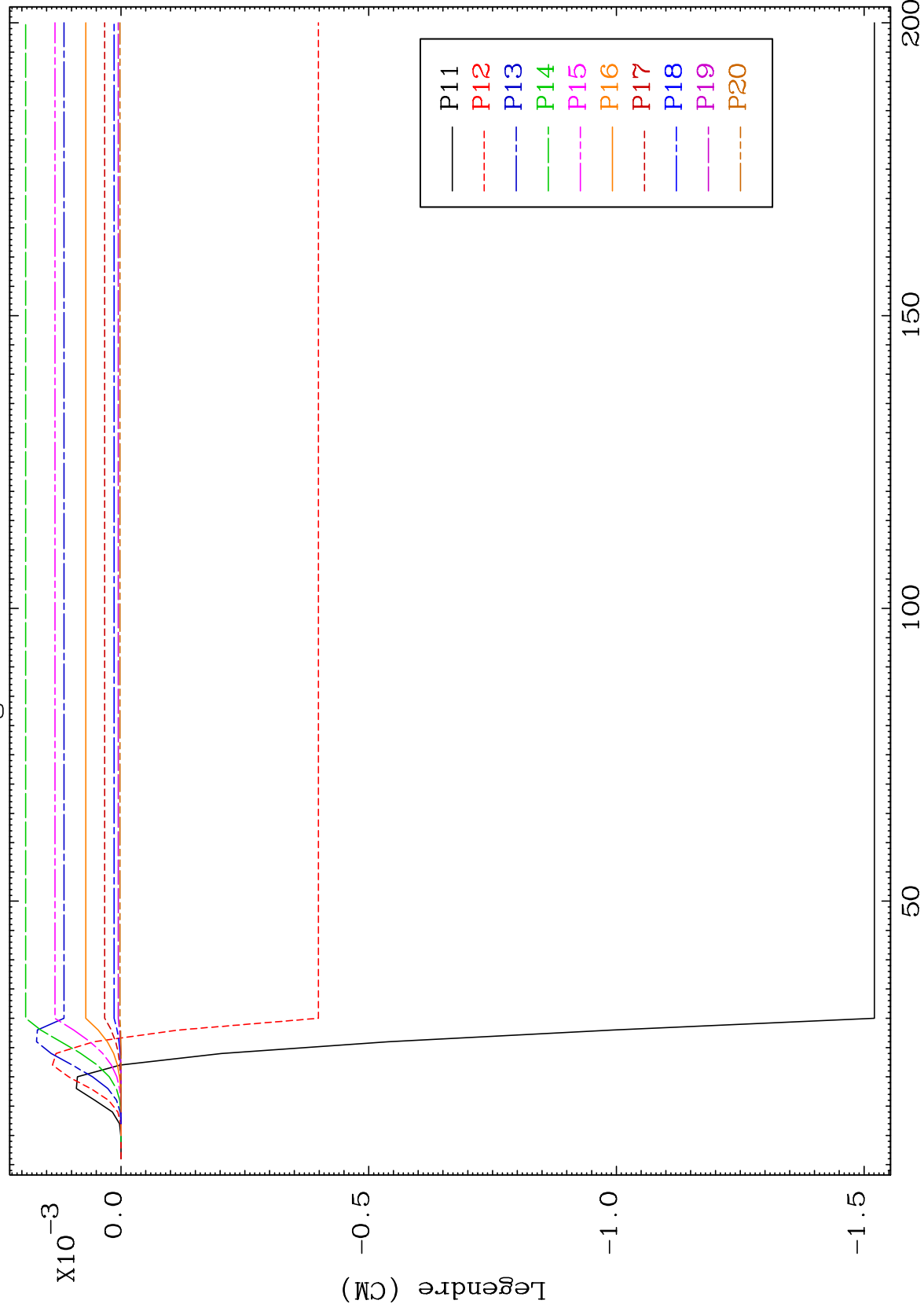
Incident Energy (MeV)

50





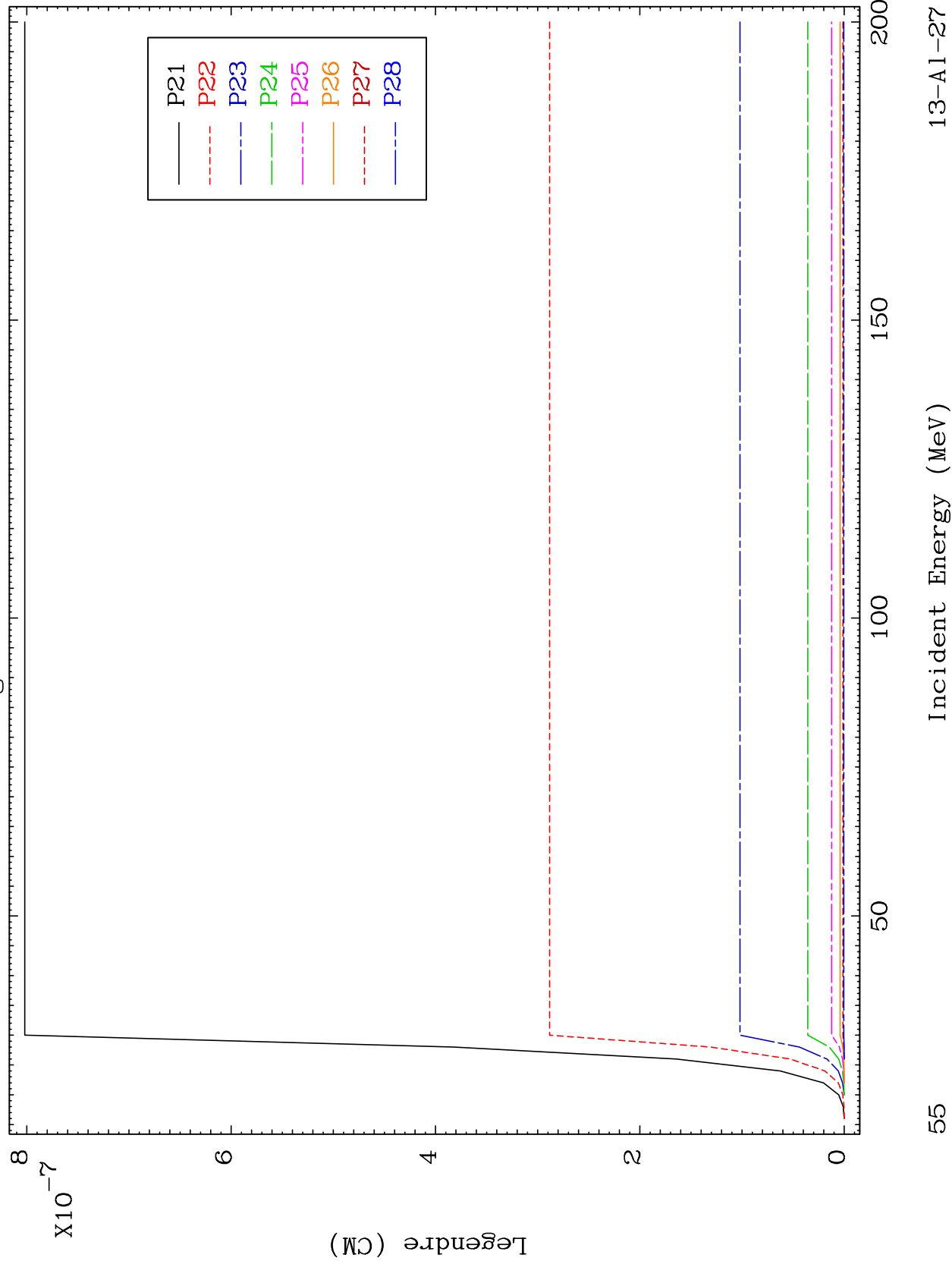


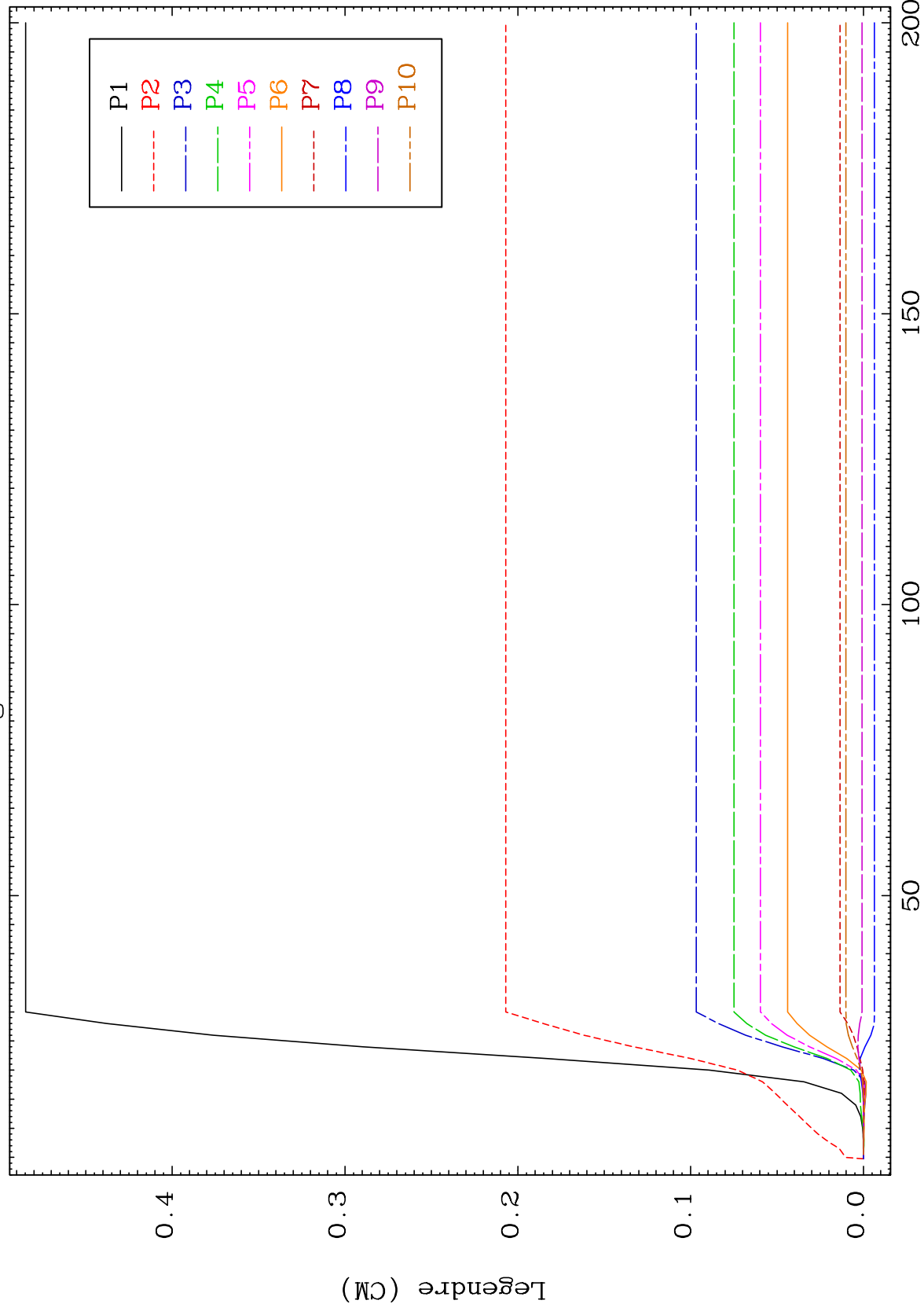


MAT 1325

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

13-A1-27

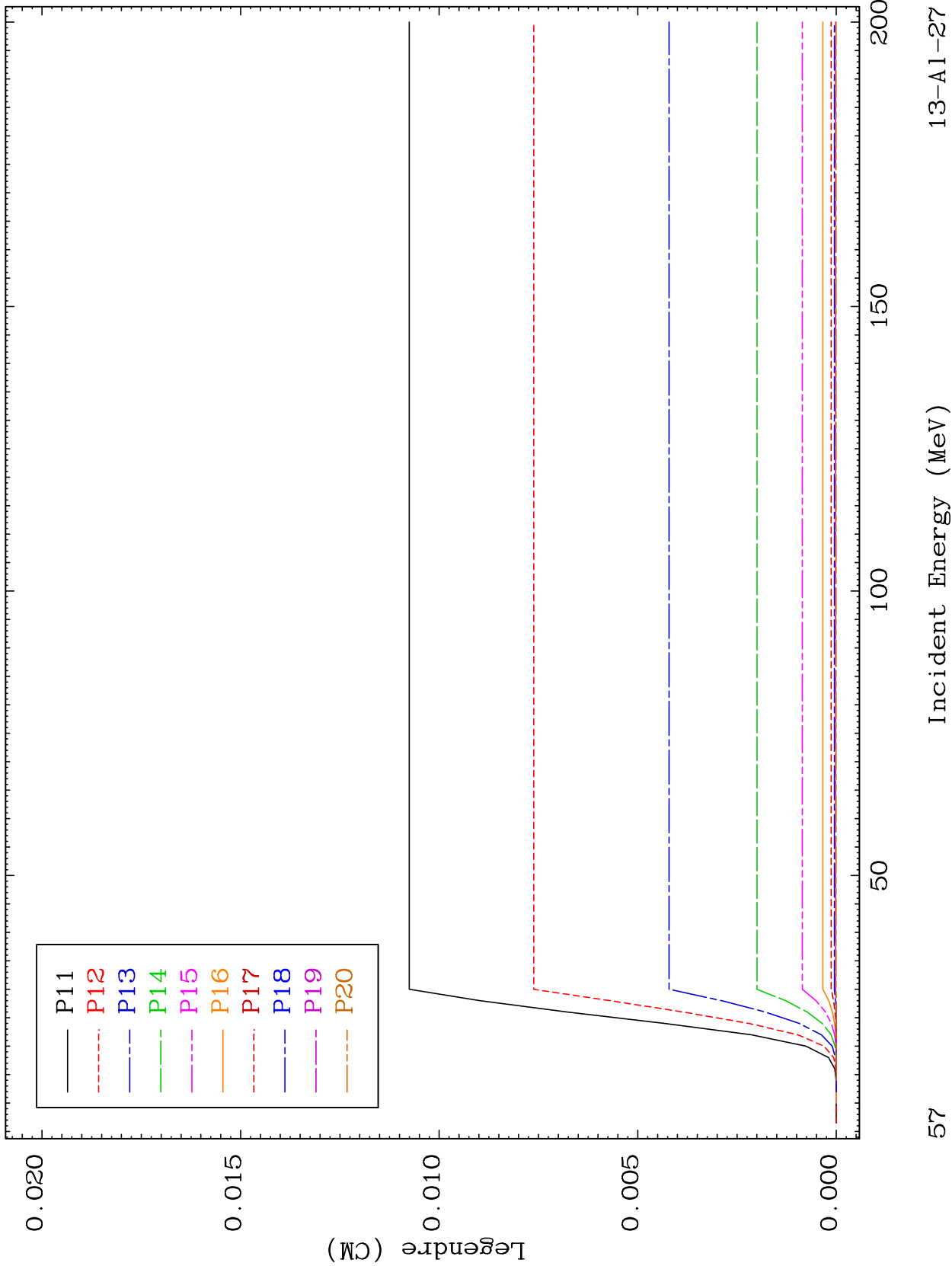




MAT 1325

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

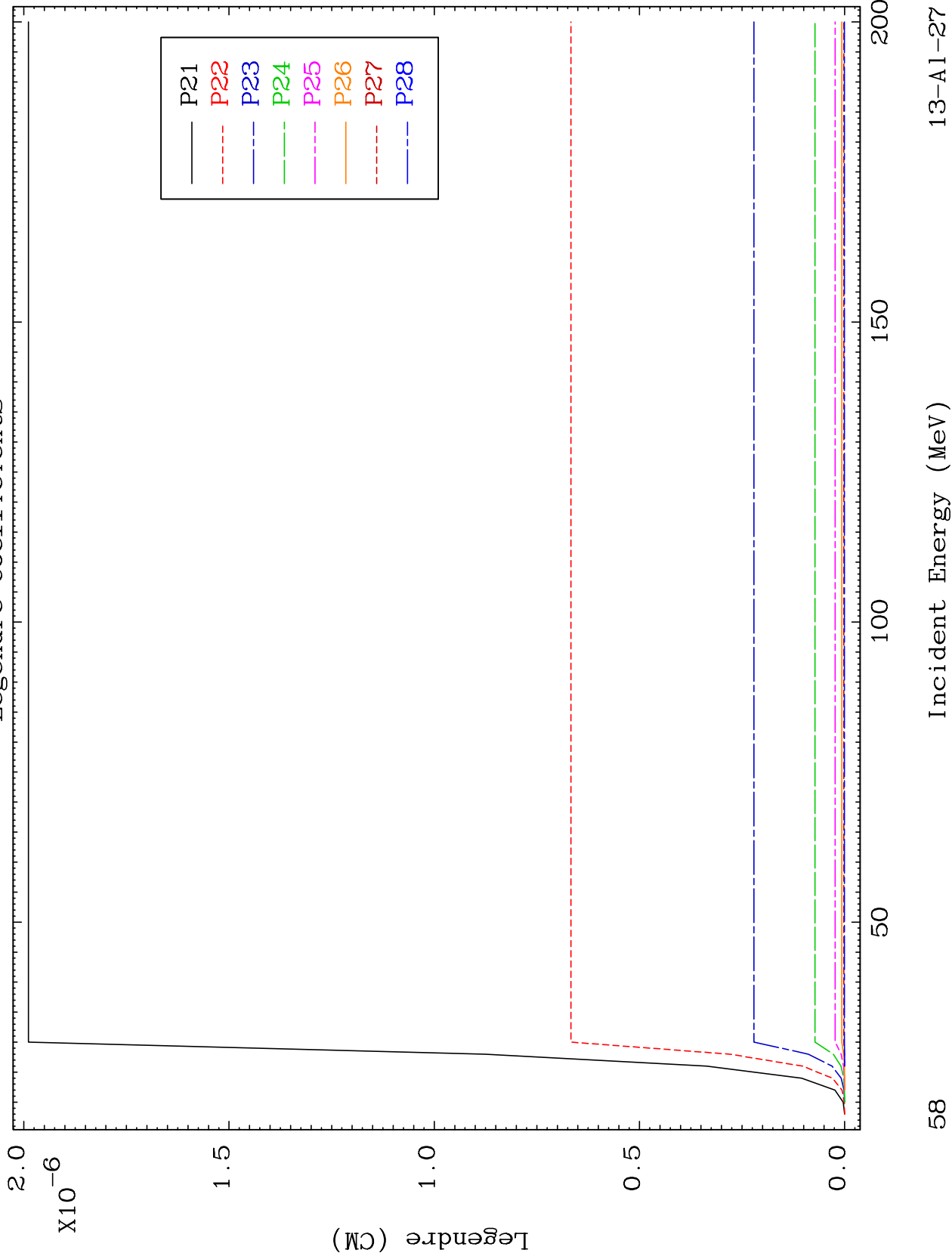
13-Al-27

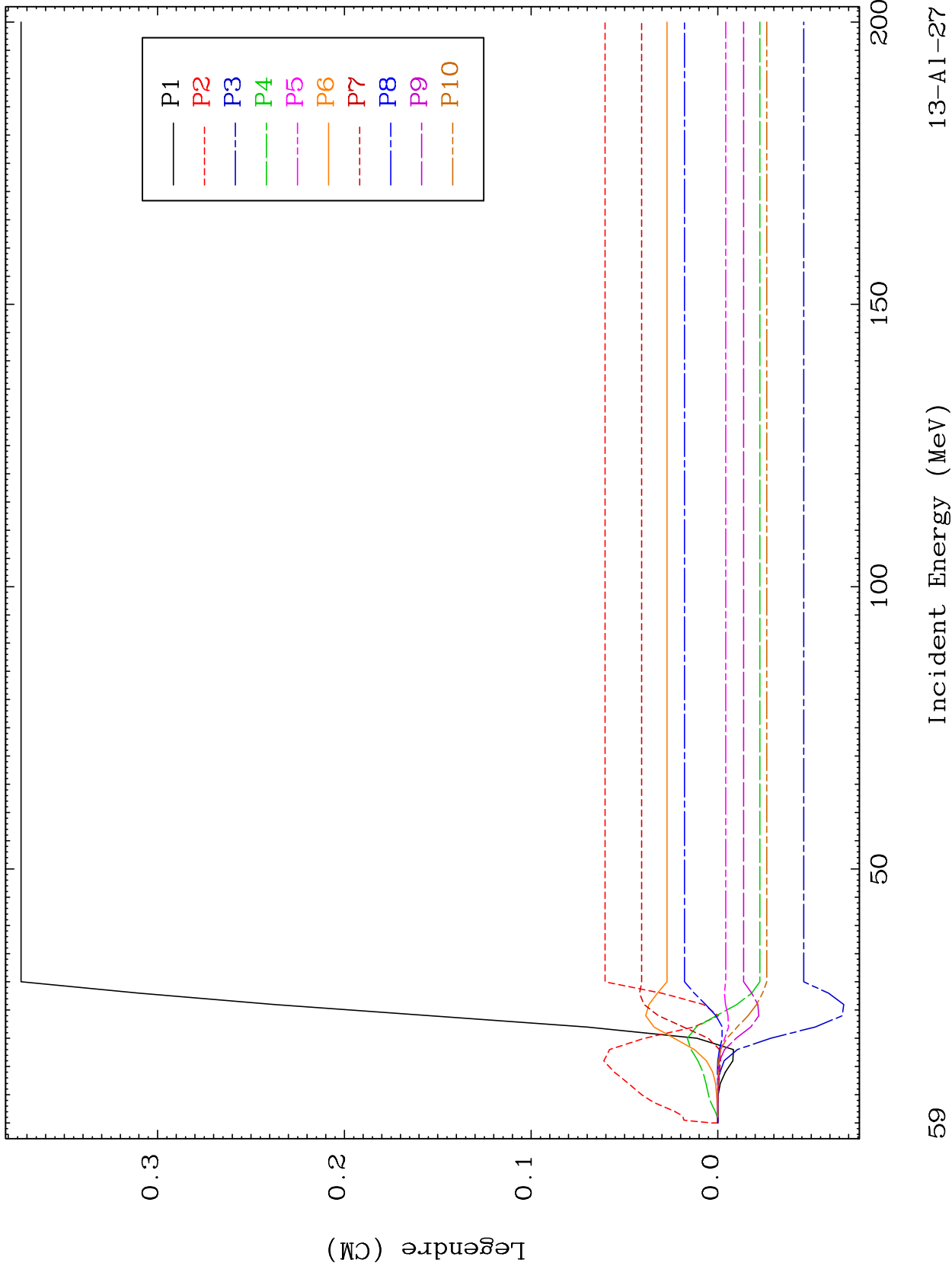


57

Incident Energy (MeV)

13-Al-27

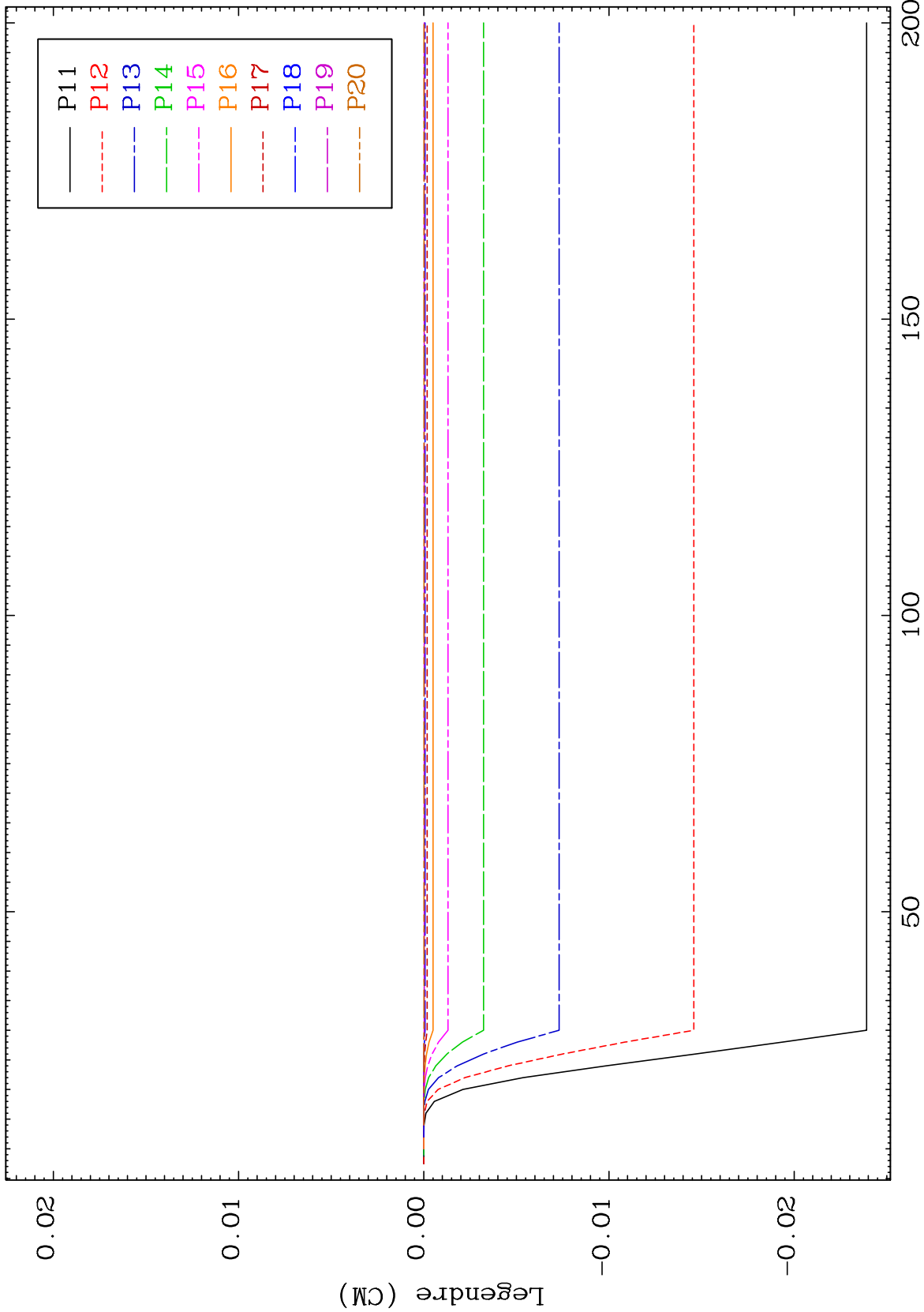




MAT 1325

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

13-Al-27



60

Incident Energy (MeV)

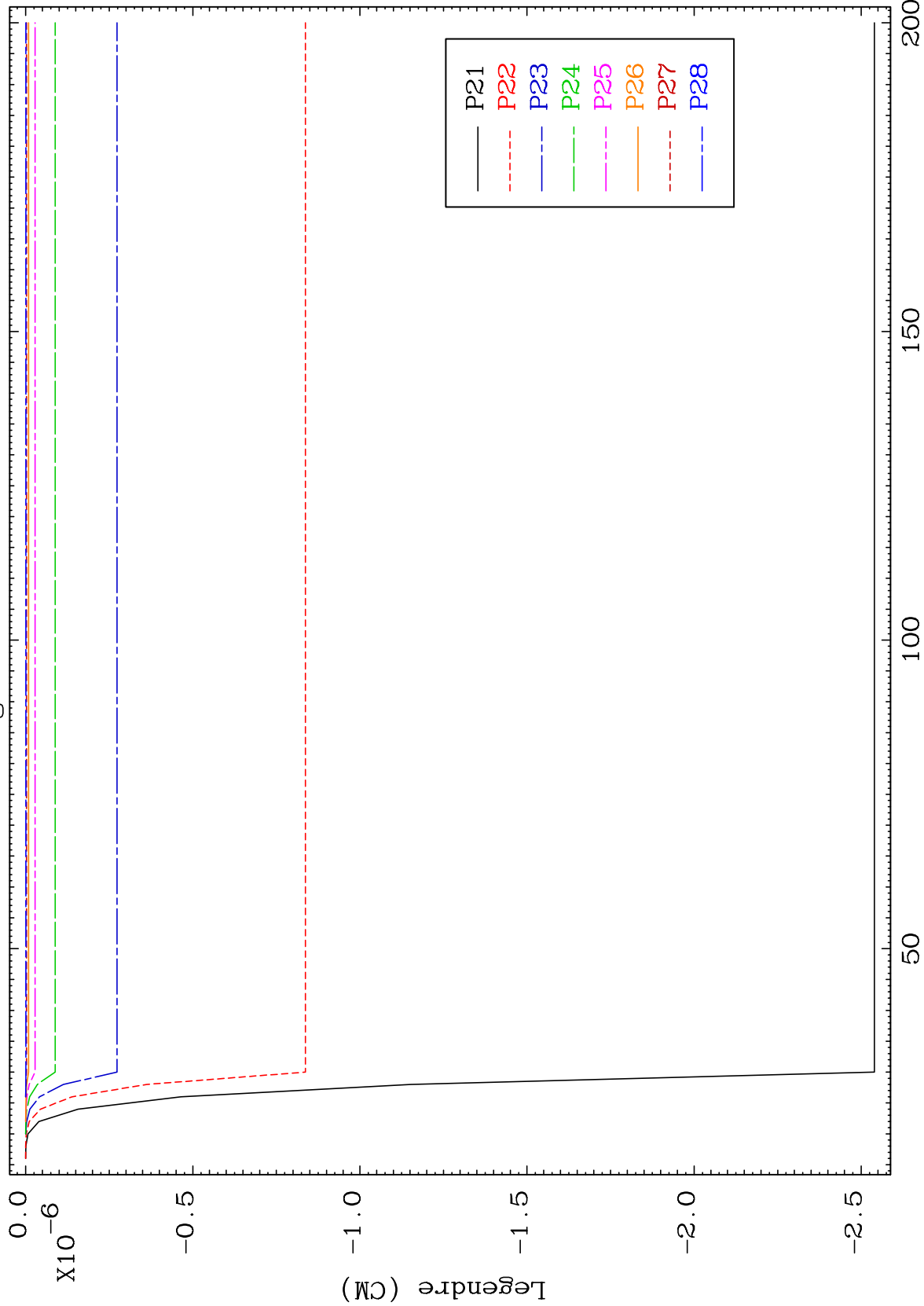
13-Al-27

MAT 1325

MT= 63 (n,n') Level

13-A1-27

Legendre Coefficients



61

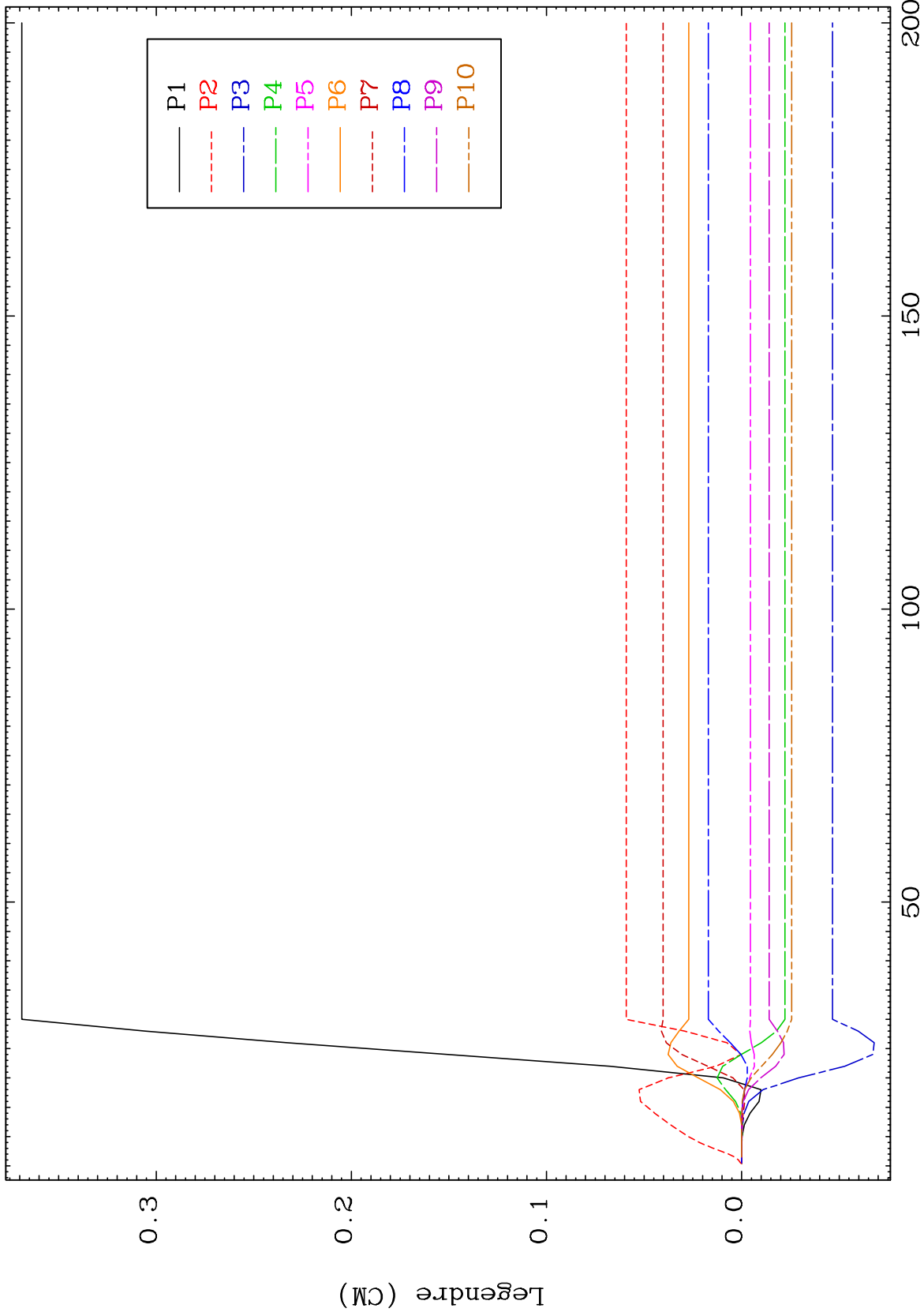
Incident Energy (MeV)

13-A1-27

MAT 1325

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

13-A1-27



62

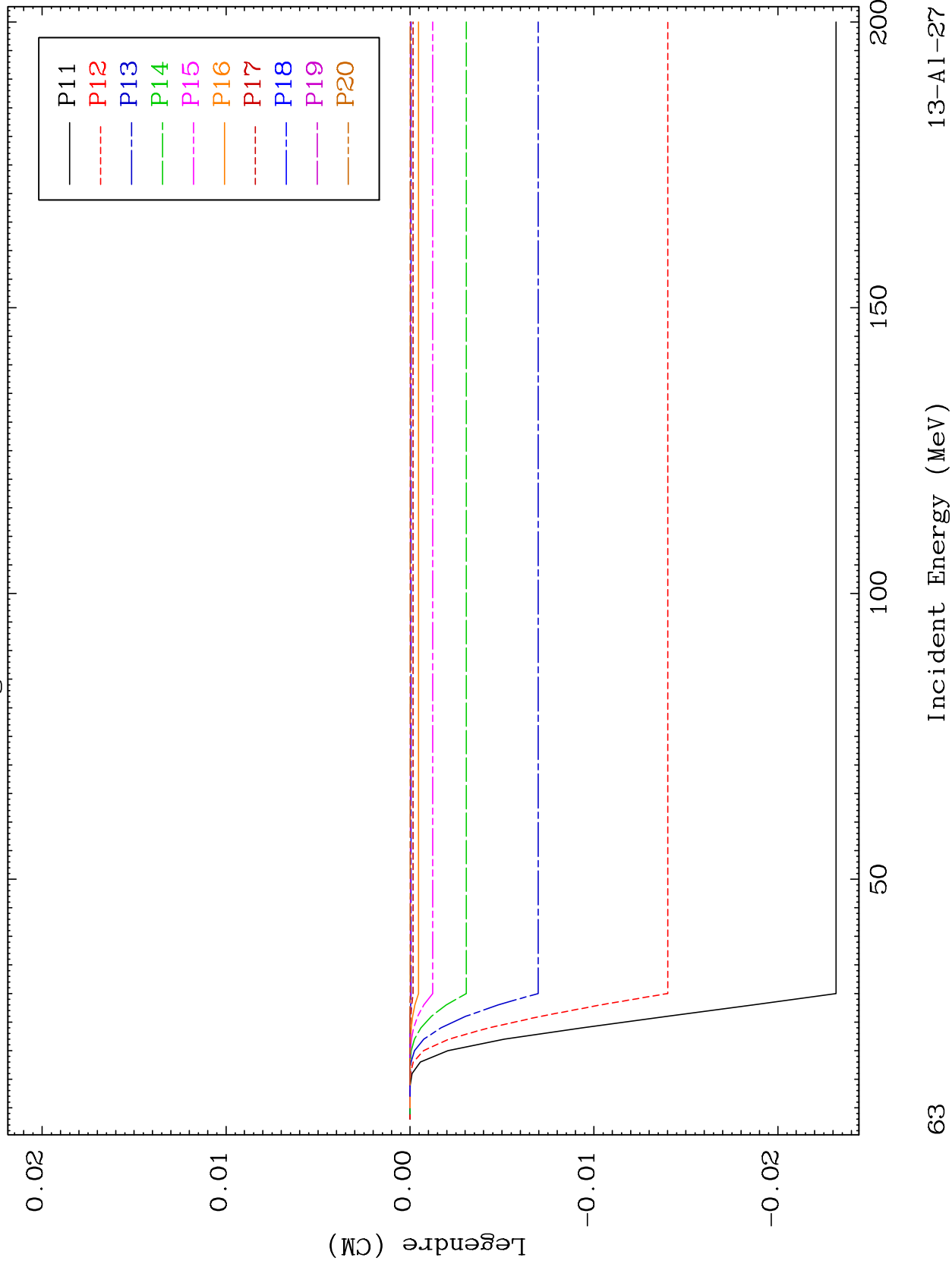
Incident Energy (MeV)

13-A1-27

MAT 1325

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

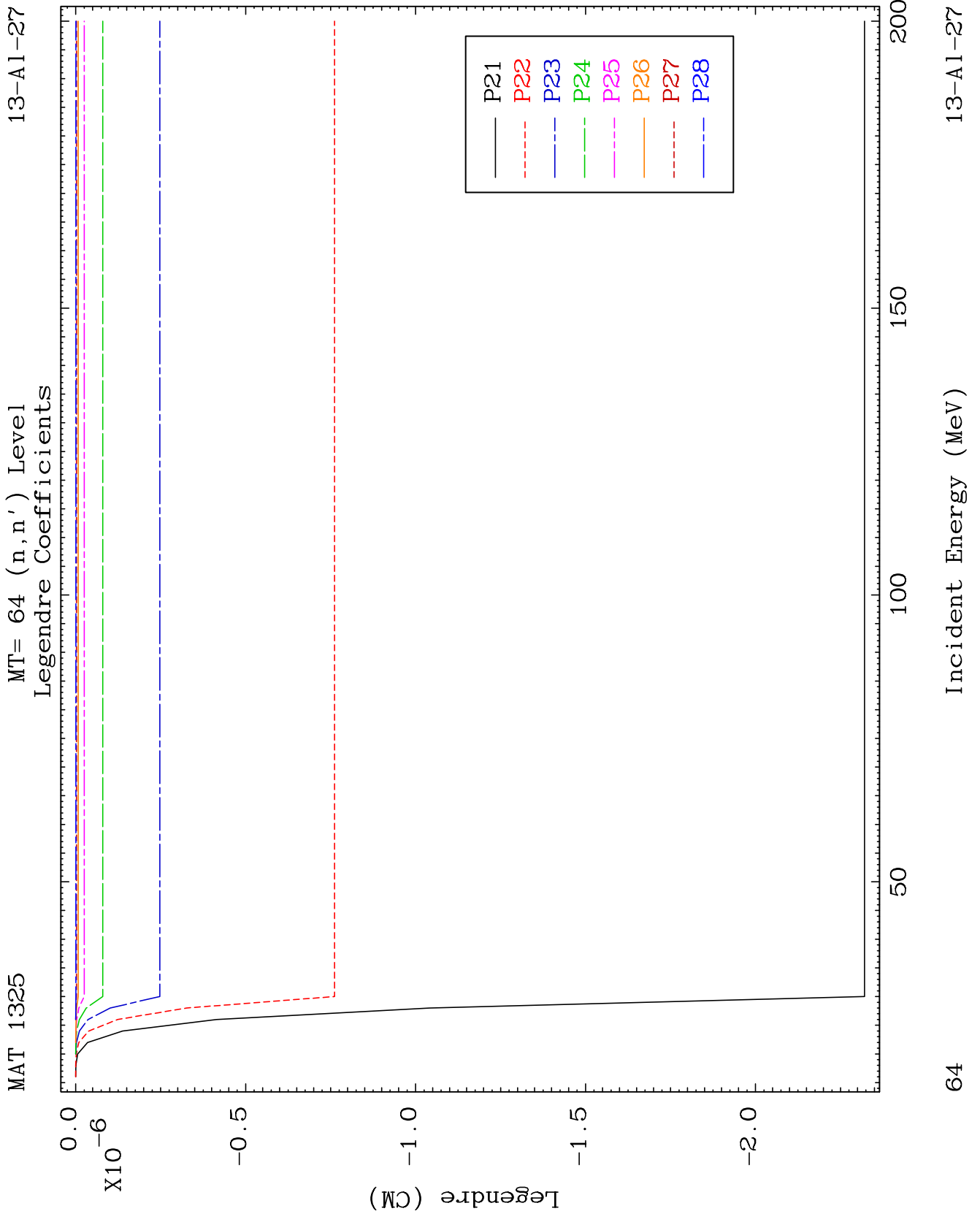
13-Al-27



63

Incident Energy (MeV)

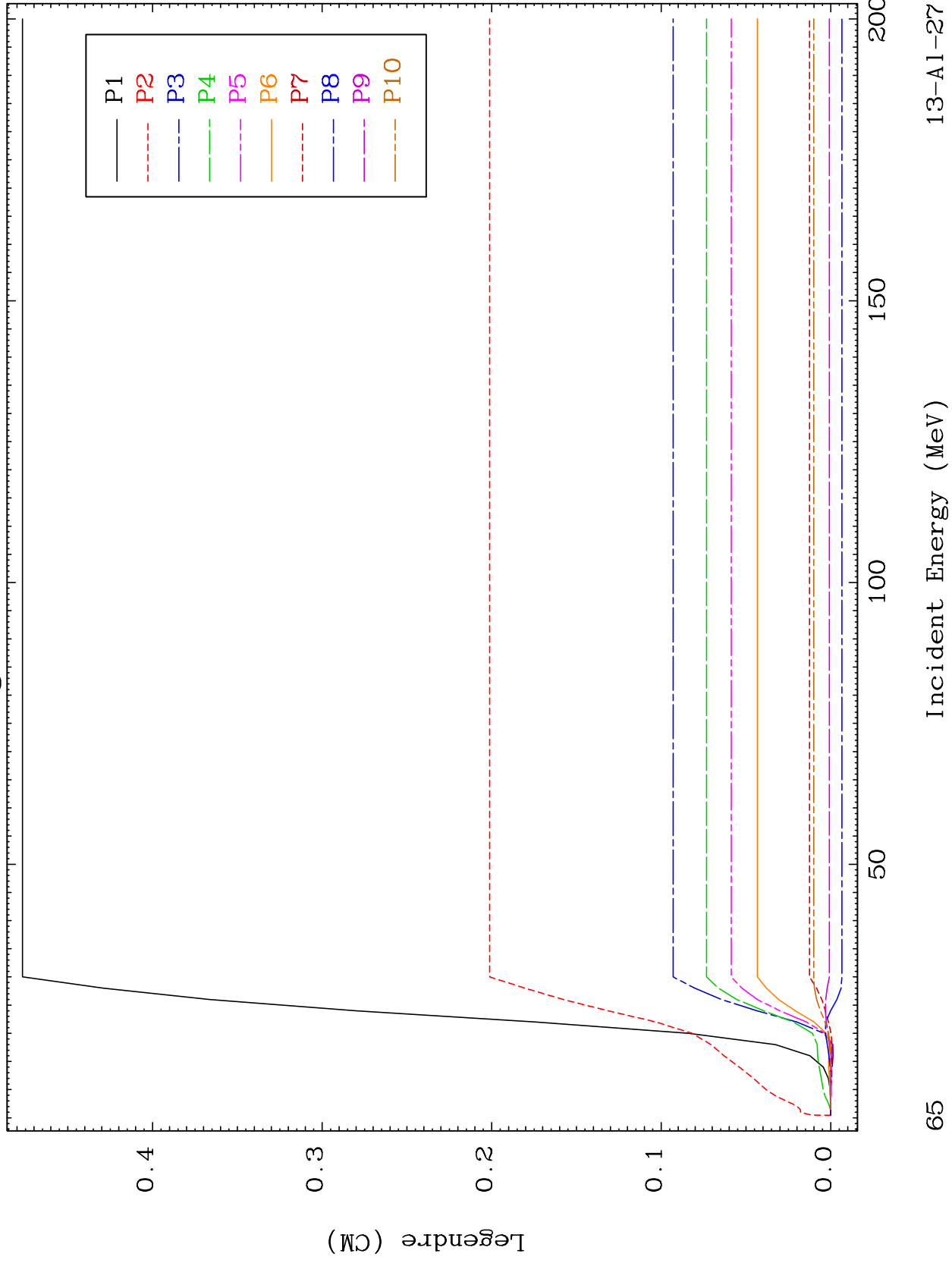
13-Al-27



MAT 1325

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

13-Al-27



13-Al-27

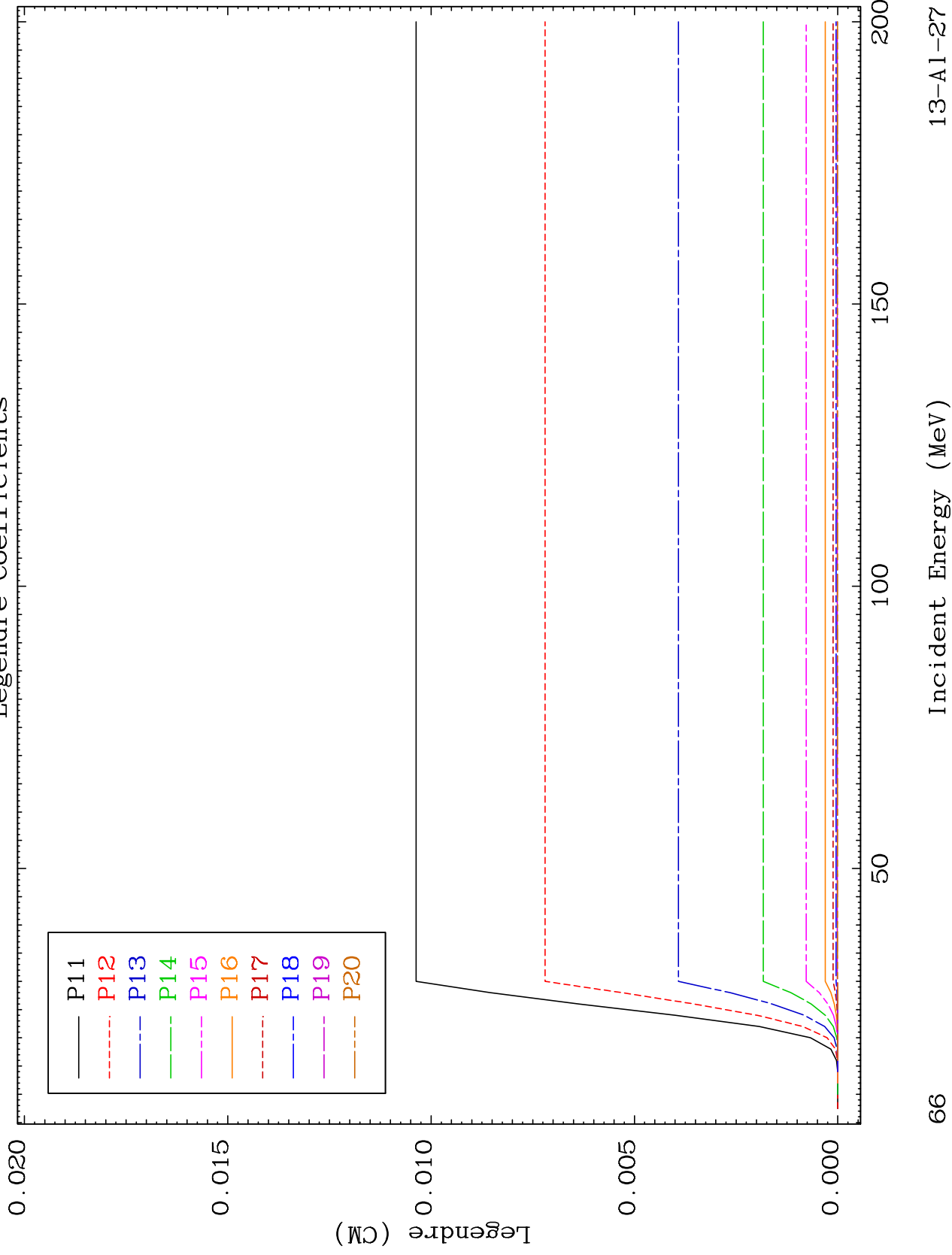
Incident Energy (MeV)

65

MAT 1325

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

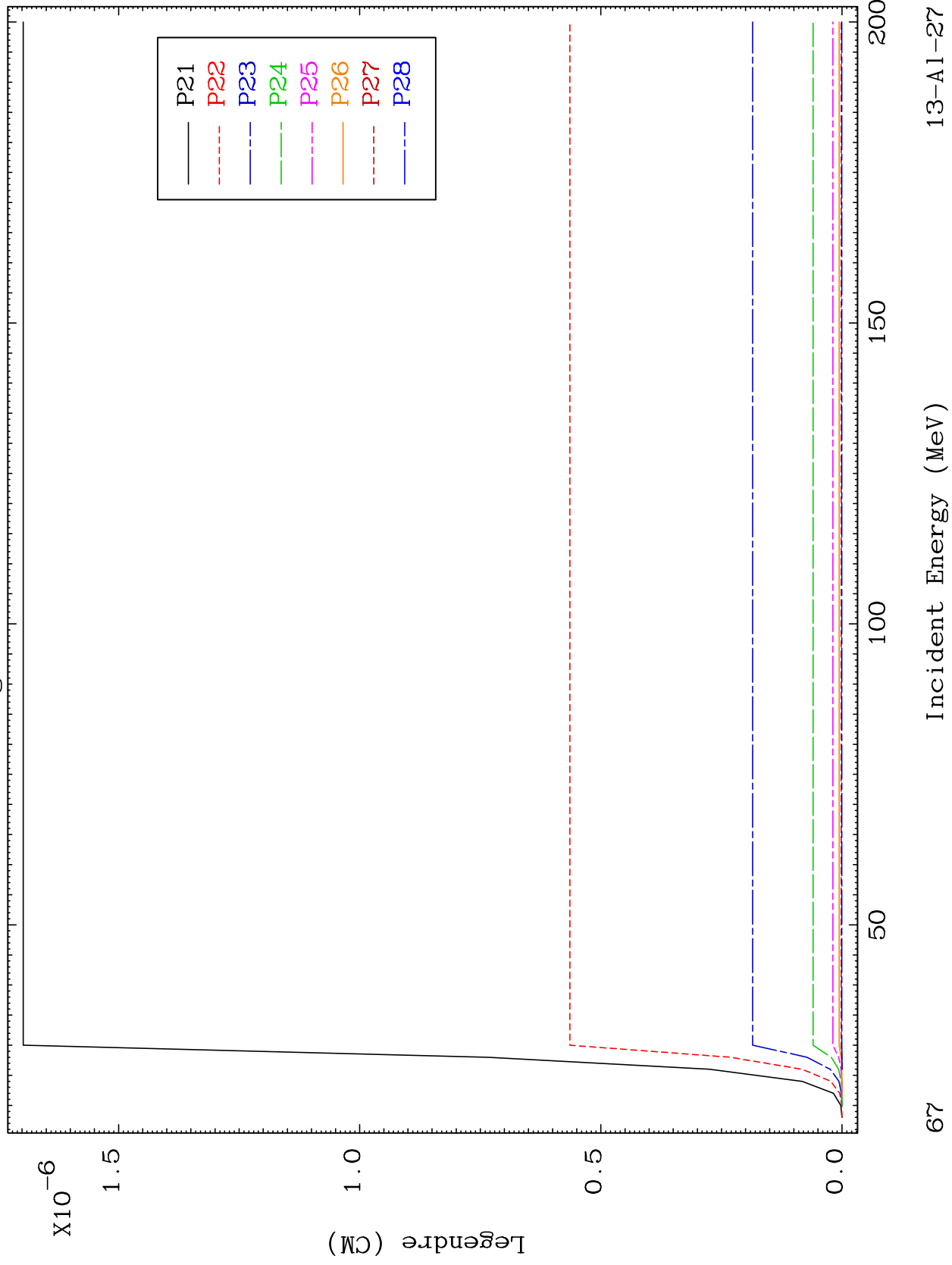
13-Al-27



MAT 1325

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

13-Al-27



67

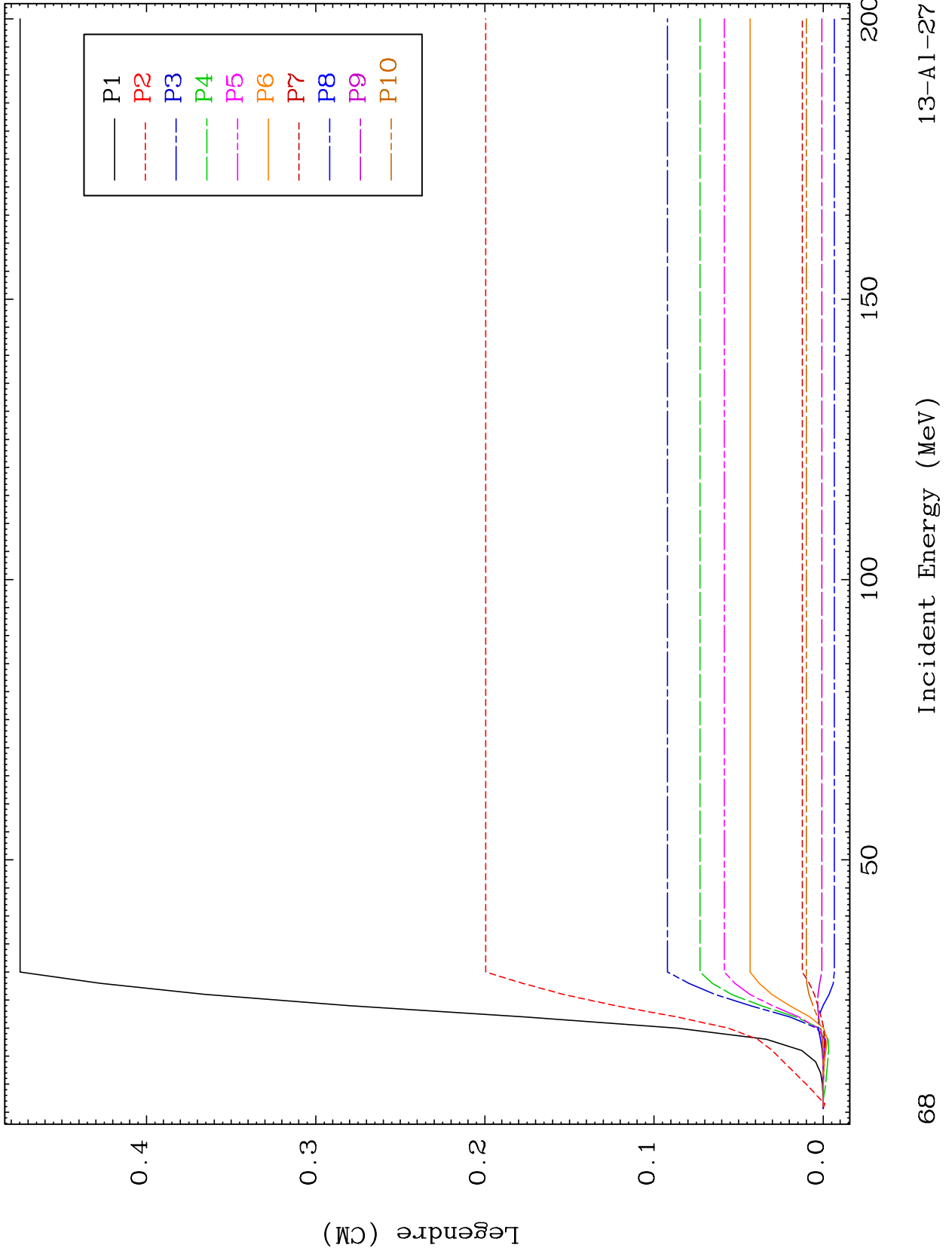
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-Al-27



68

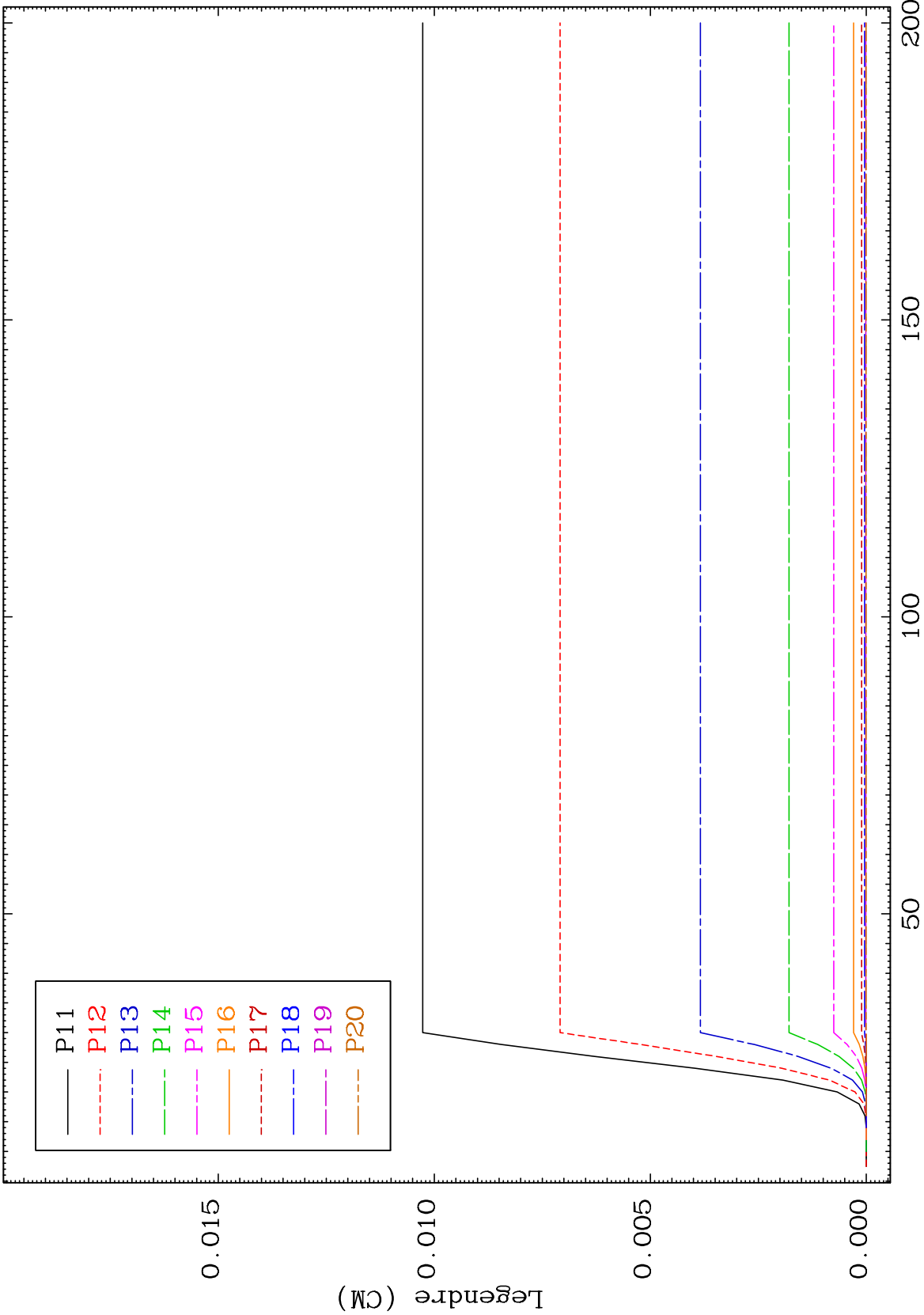
Incident Energy (MeV)

13-Al-27

MAT 1325

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

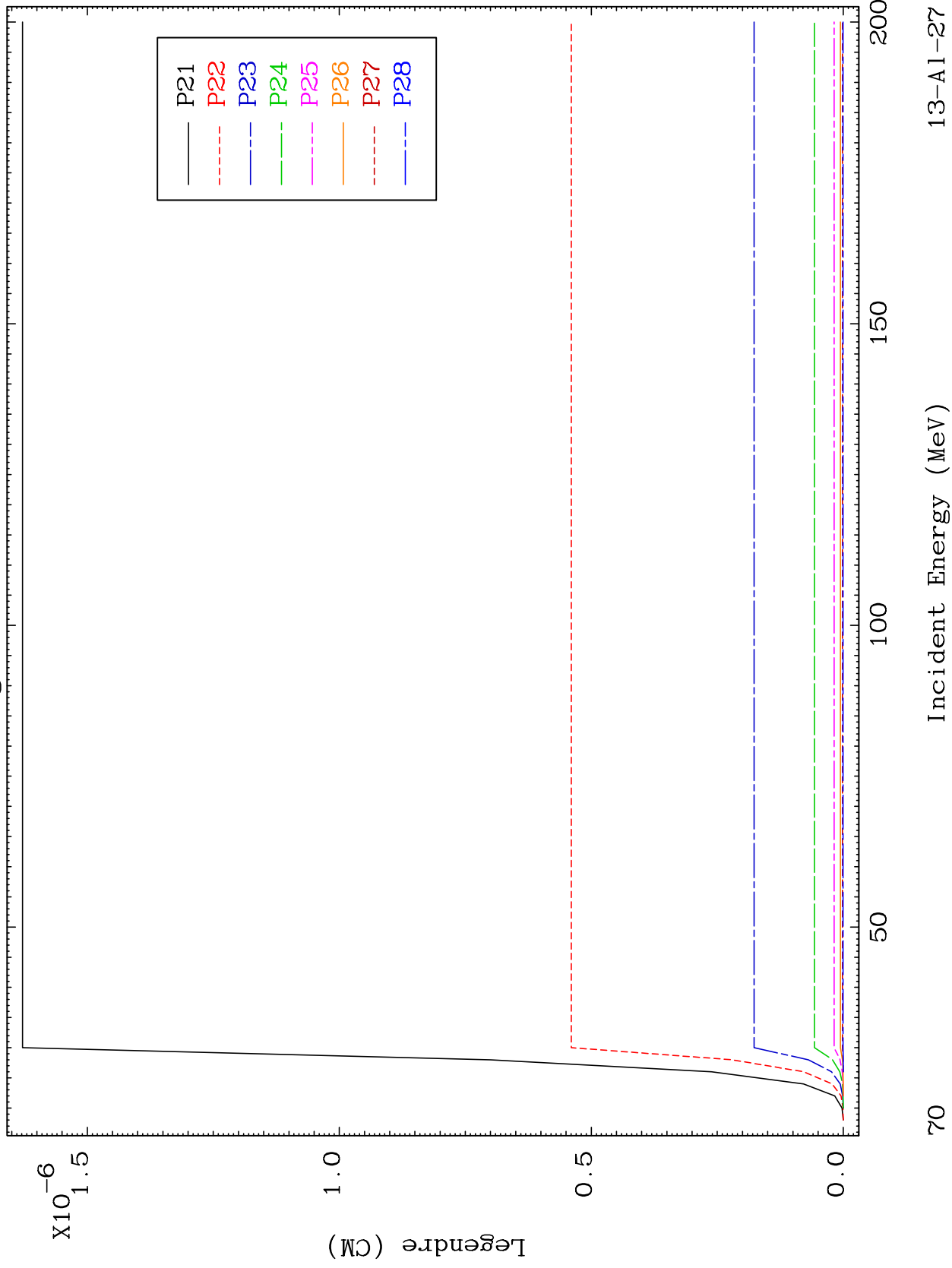
13-Al-27



MAT 1325

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

13-Al-27



70

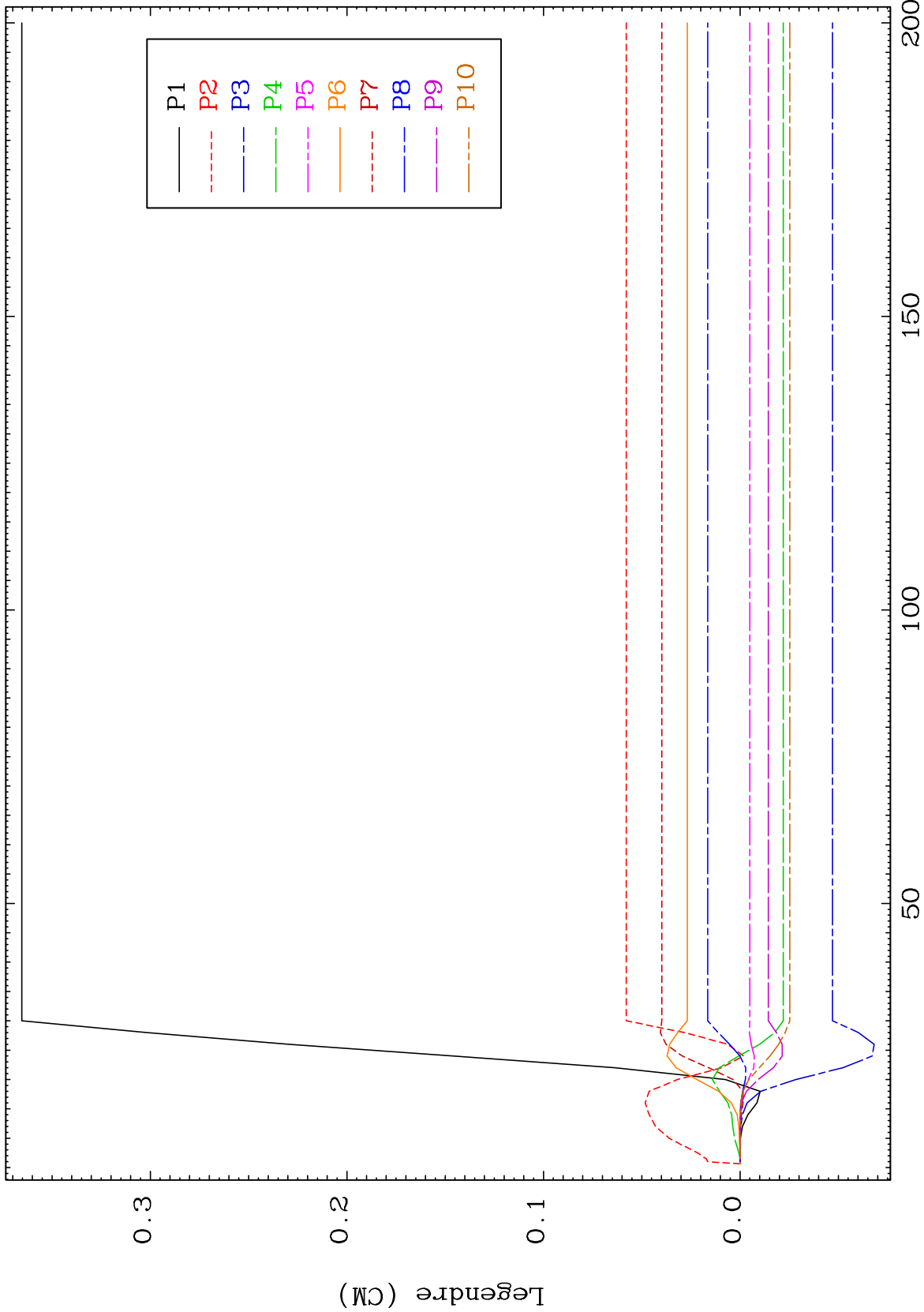
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-A1-27



71

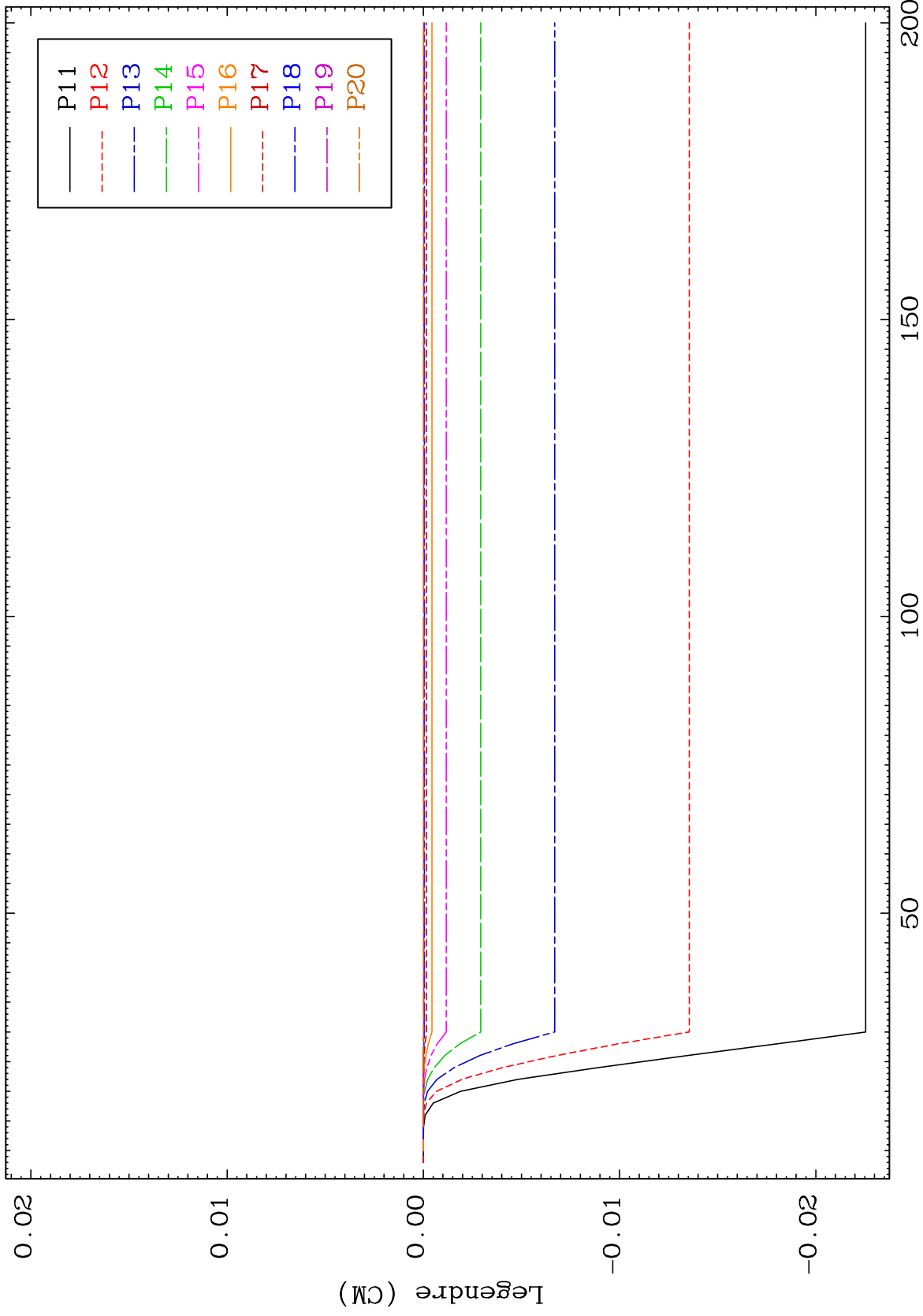
Incident Energy (MeV)

13-A1-27

MAT 1325

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

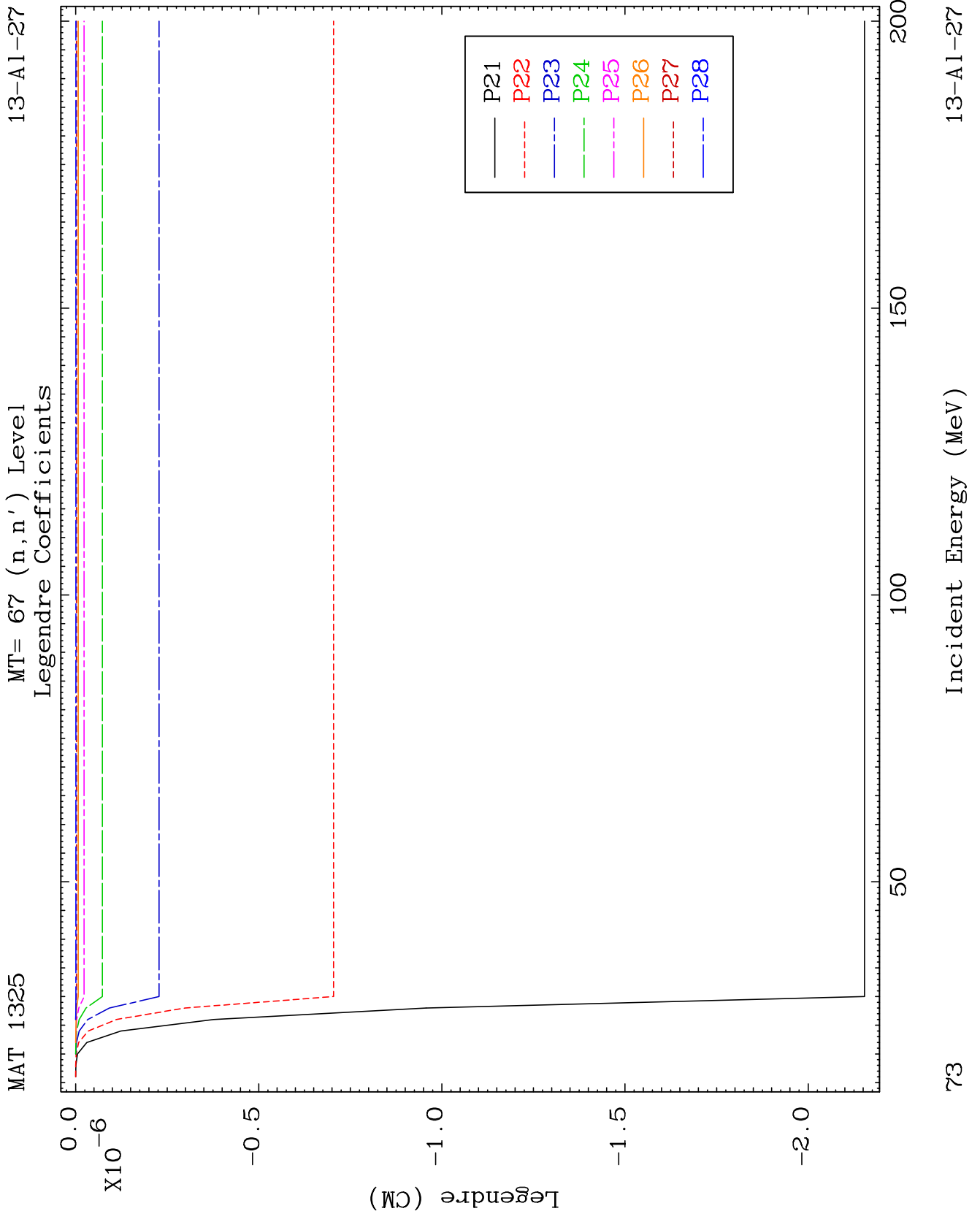
13-Al-27



72

Incident Energy (MeV)

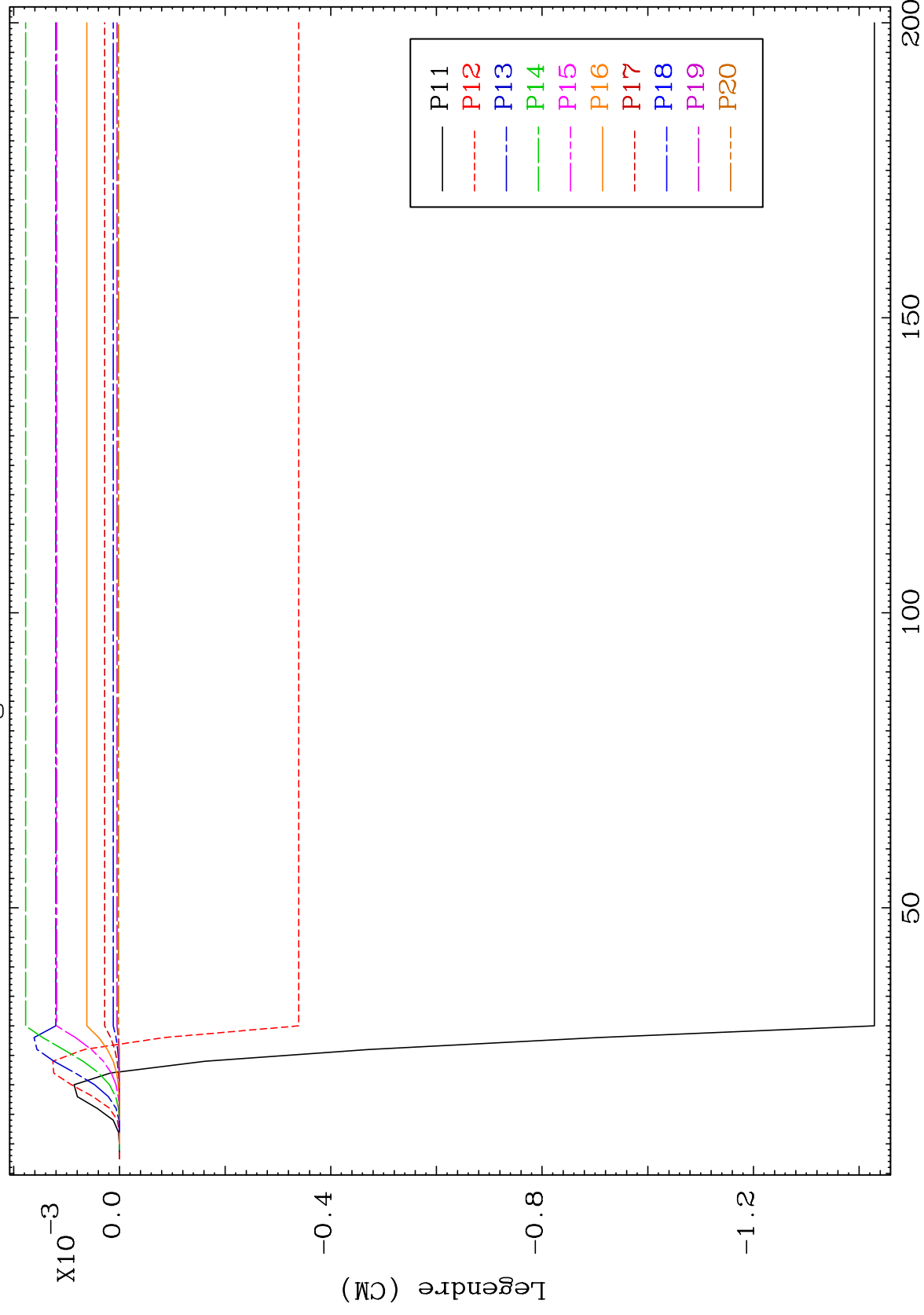
13-Al-27



MAT 1325

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

13-A1-27



75

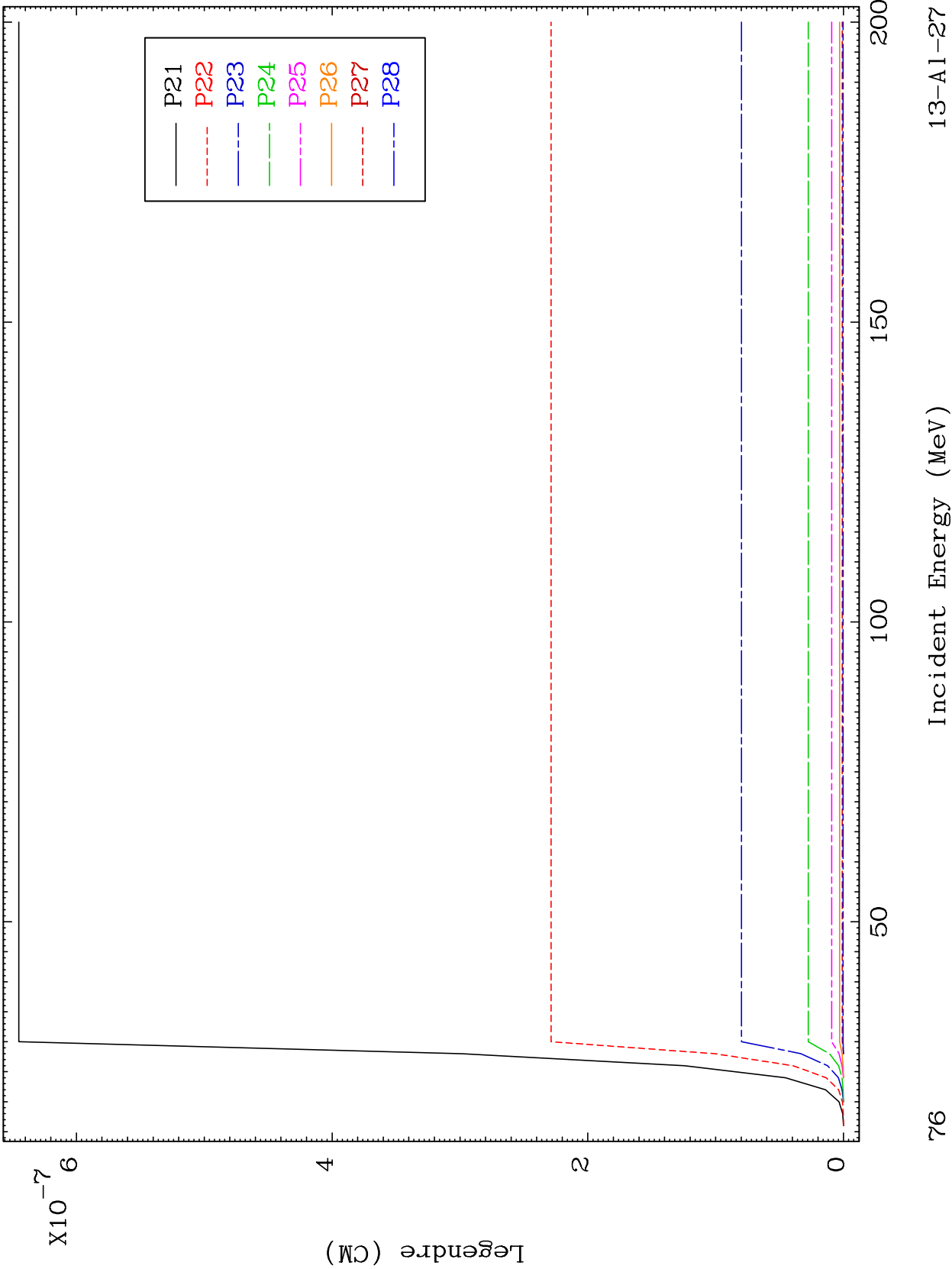
Incident Energy (MeV)

13-A1-27

MAT 1325

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

13-A1-27



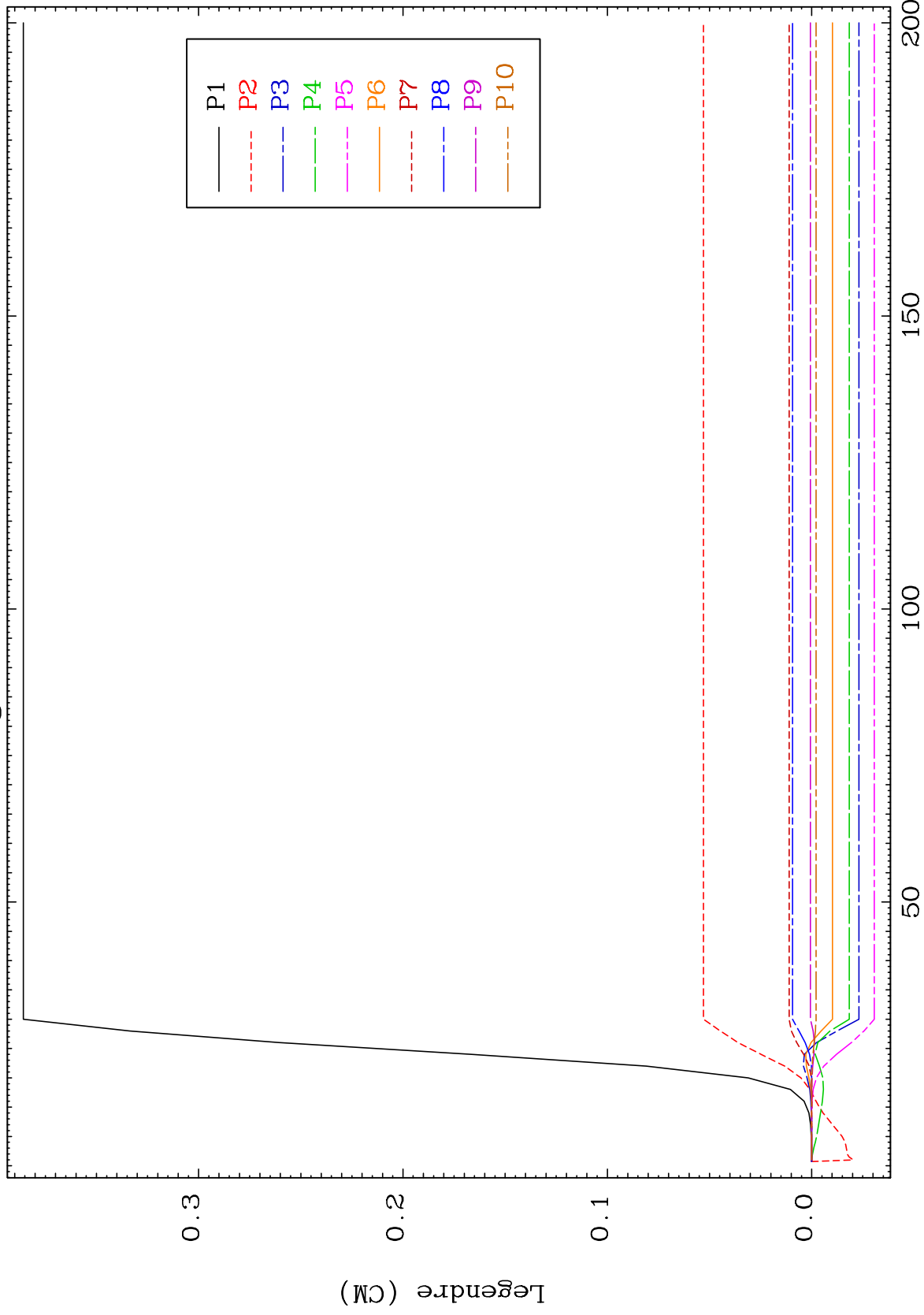
76

13-A1-27

MAT 1325

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

13-Al-27



77

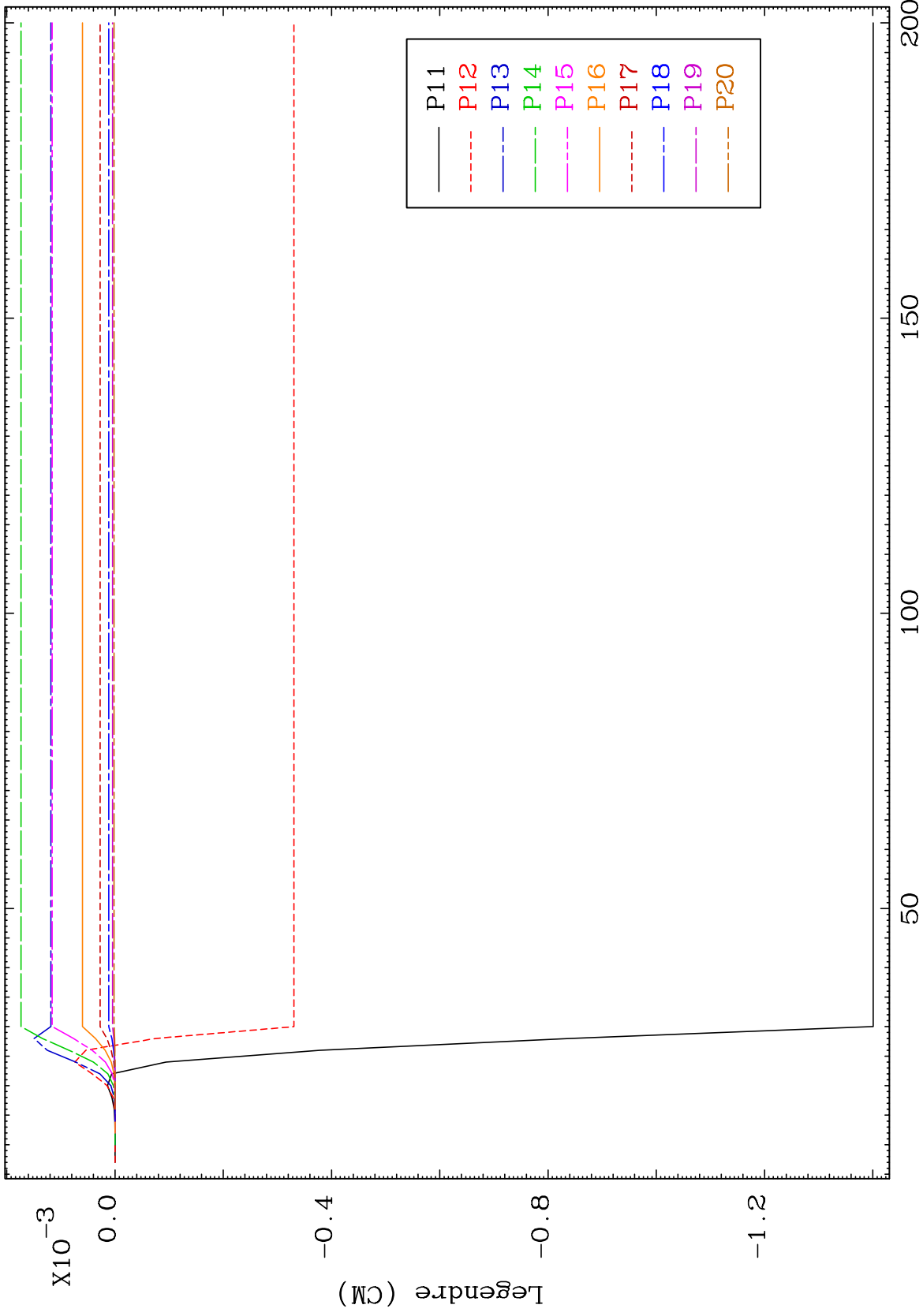
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-A1-27



78

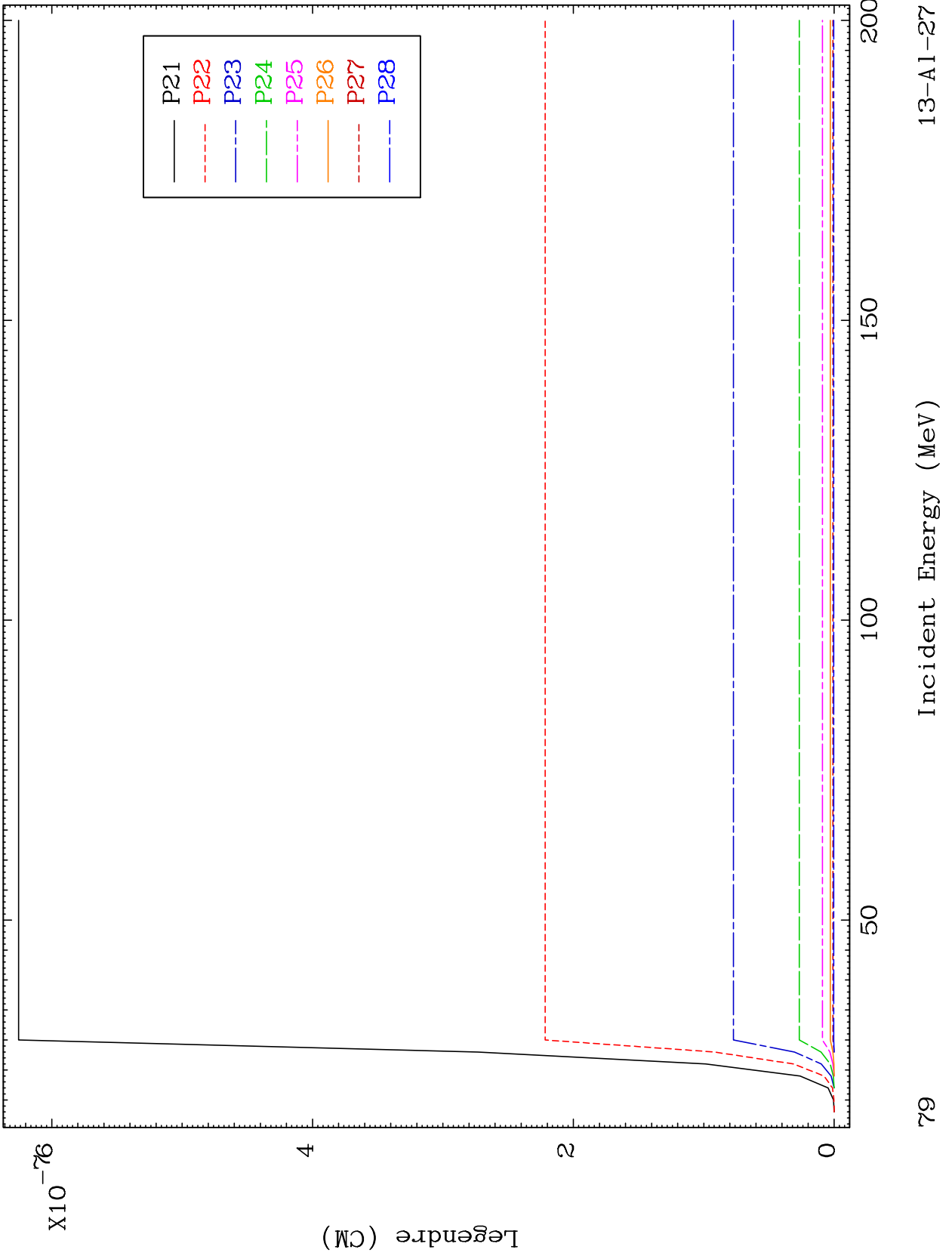
Incident Energy (MeV)

13-A1-27

MAT 1325

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

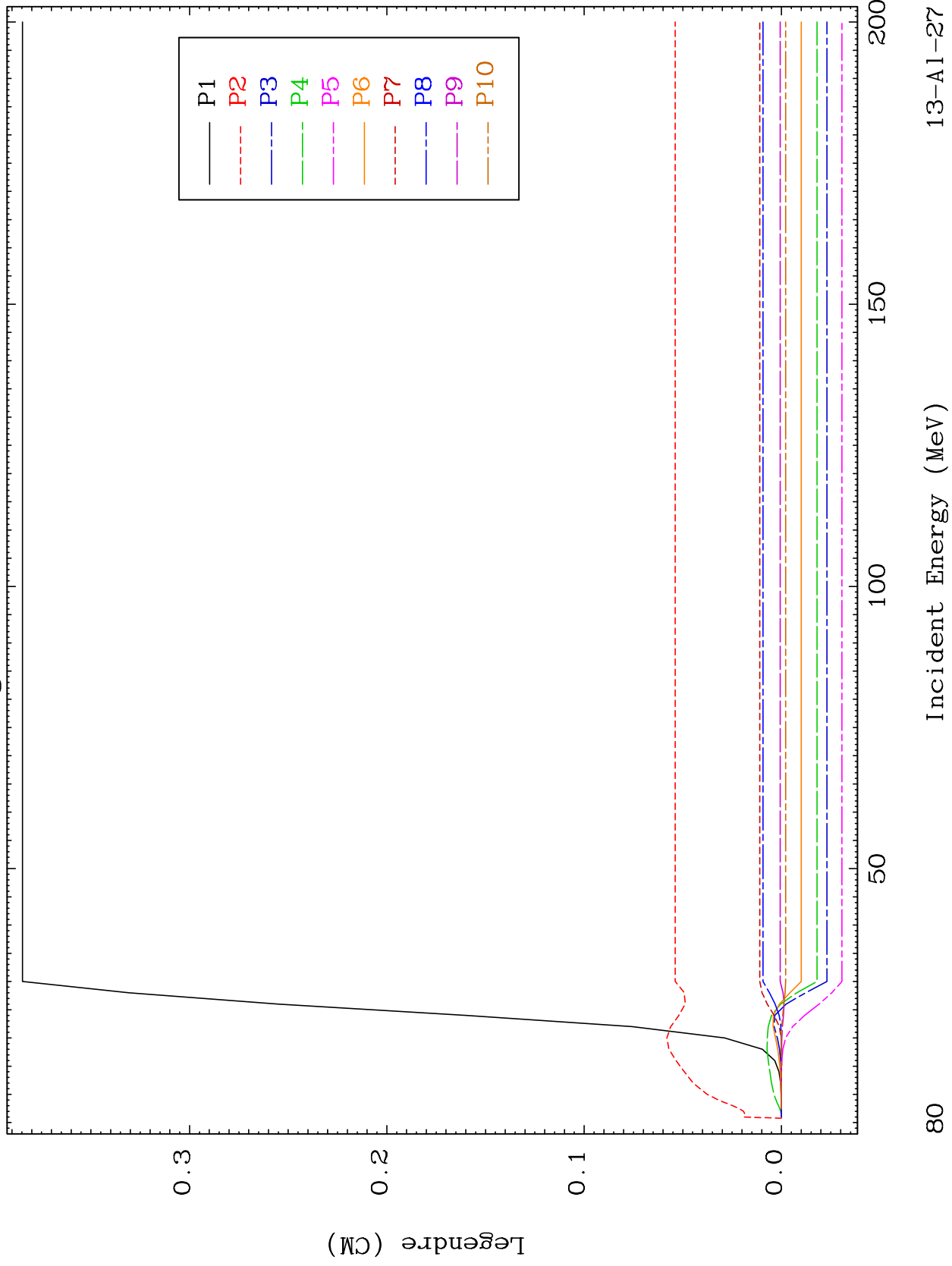
13-A1-27



MAT 1325

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

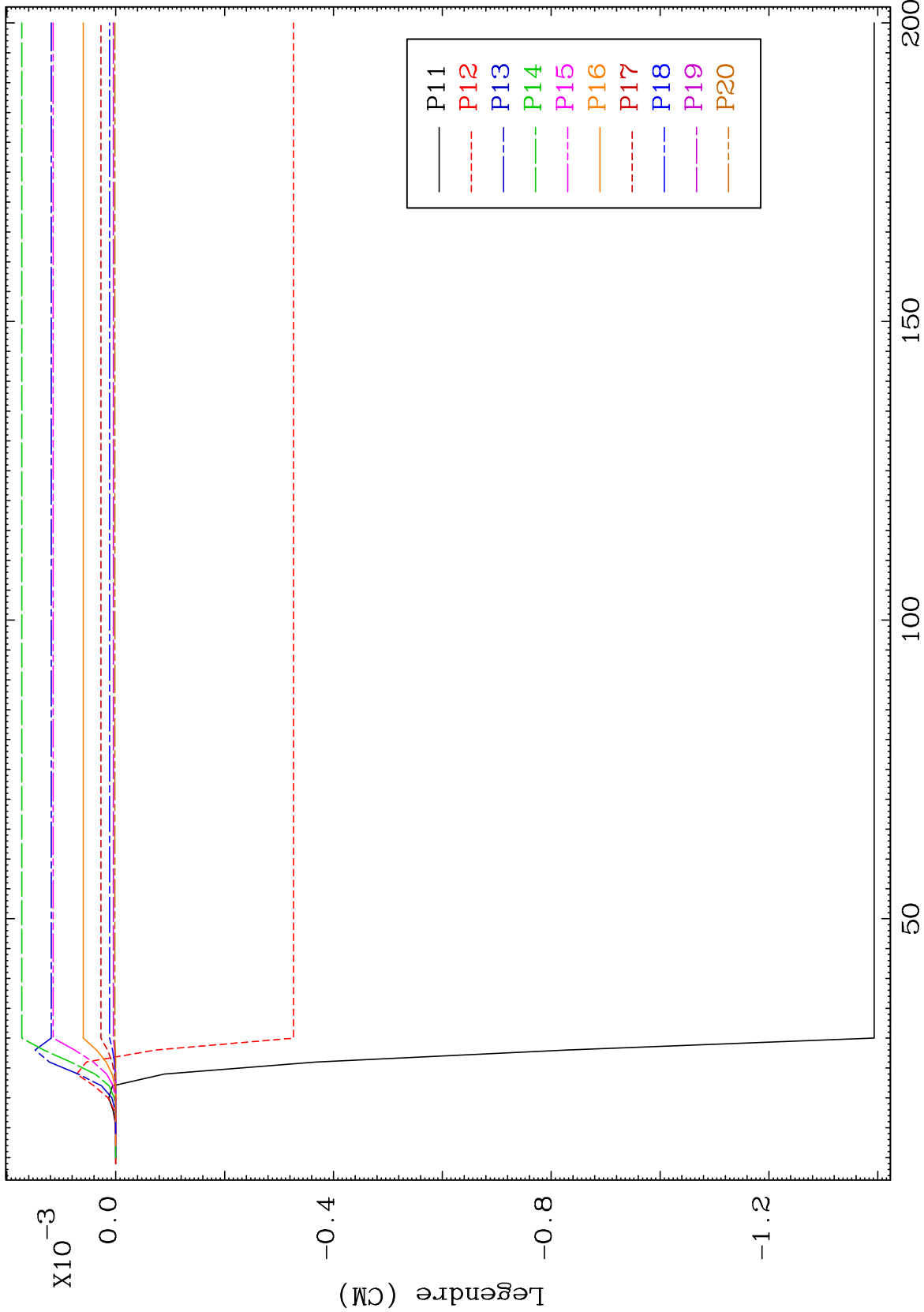
13-A1-27



13-A1-27

Incident Energy (MeV)

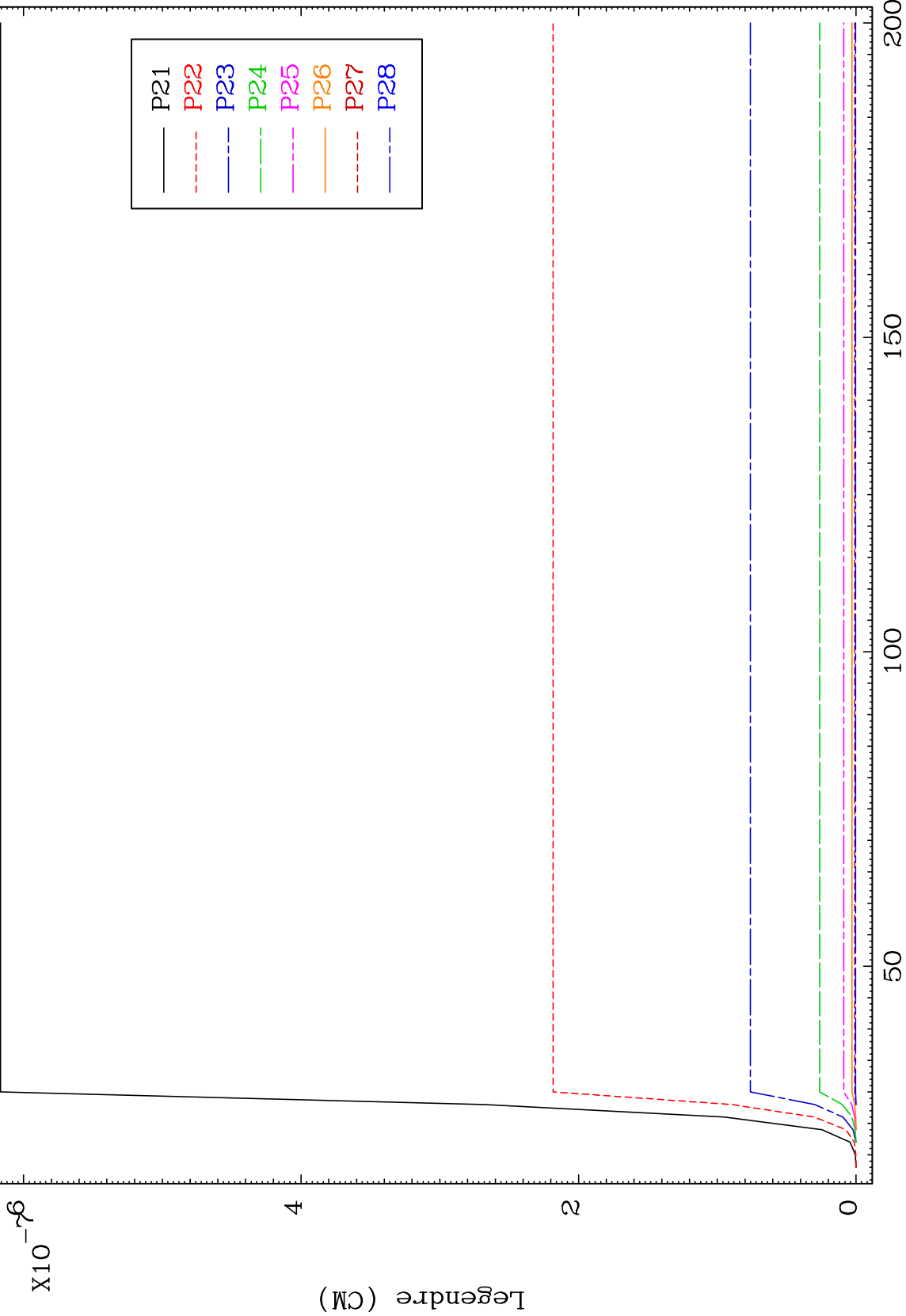
80



MAT 1325

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

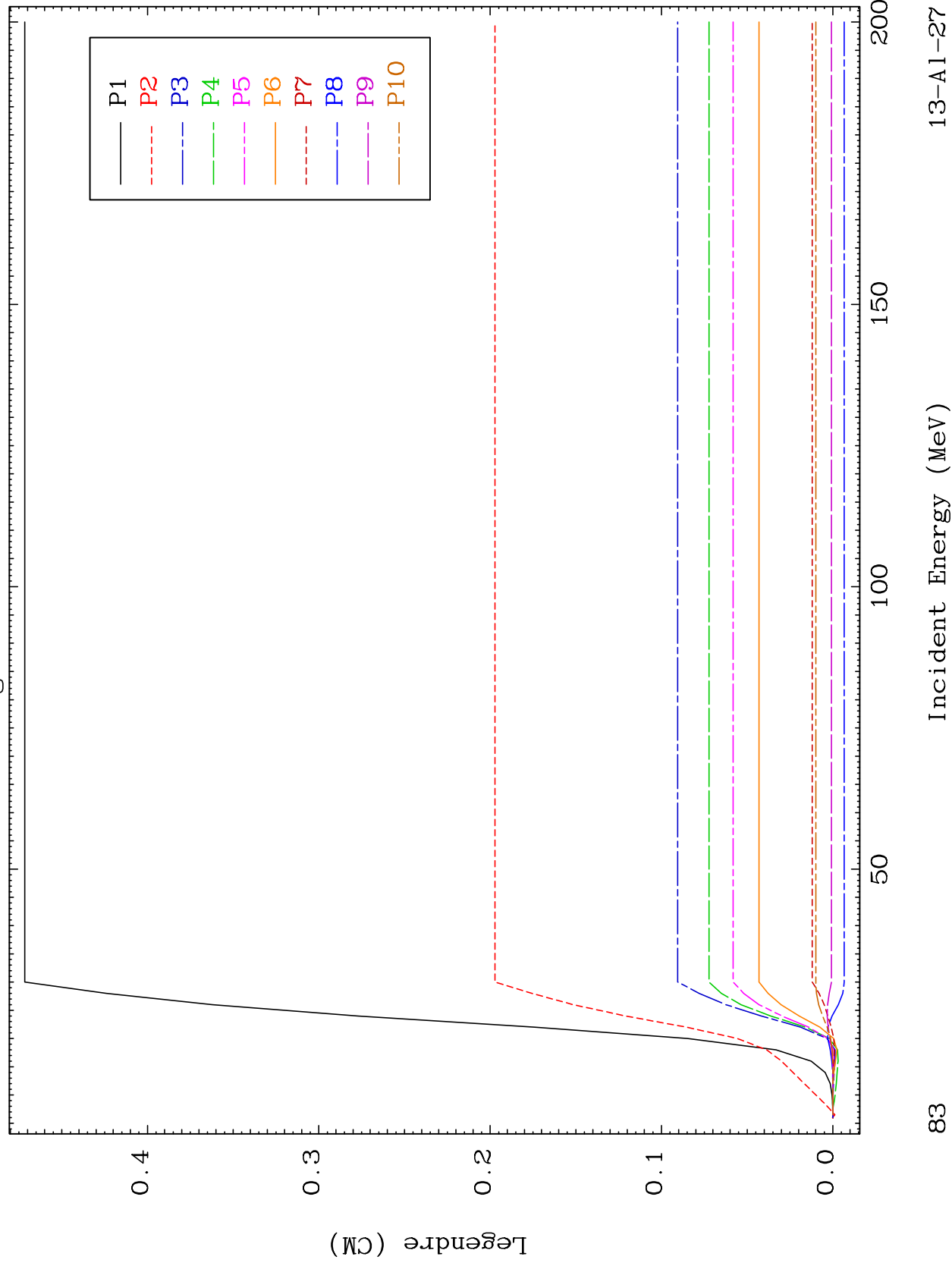
13-Al-27



82

Incident Energy (MeV)

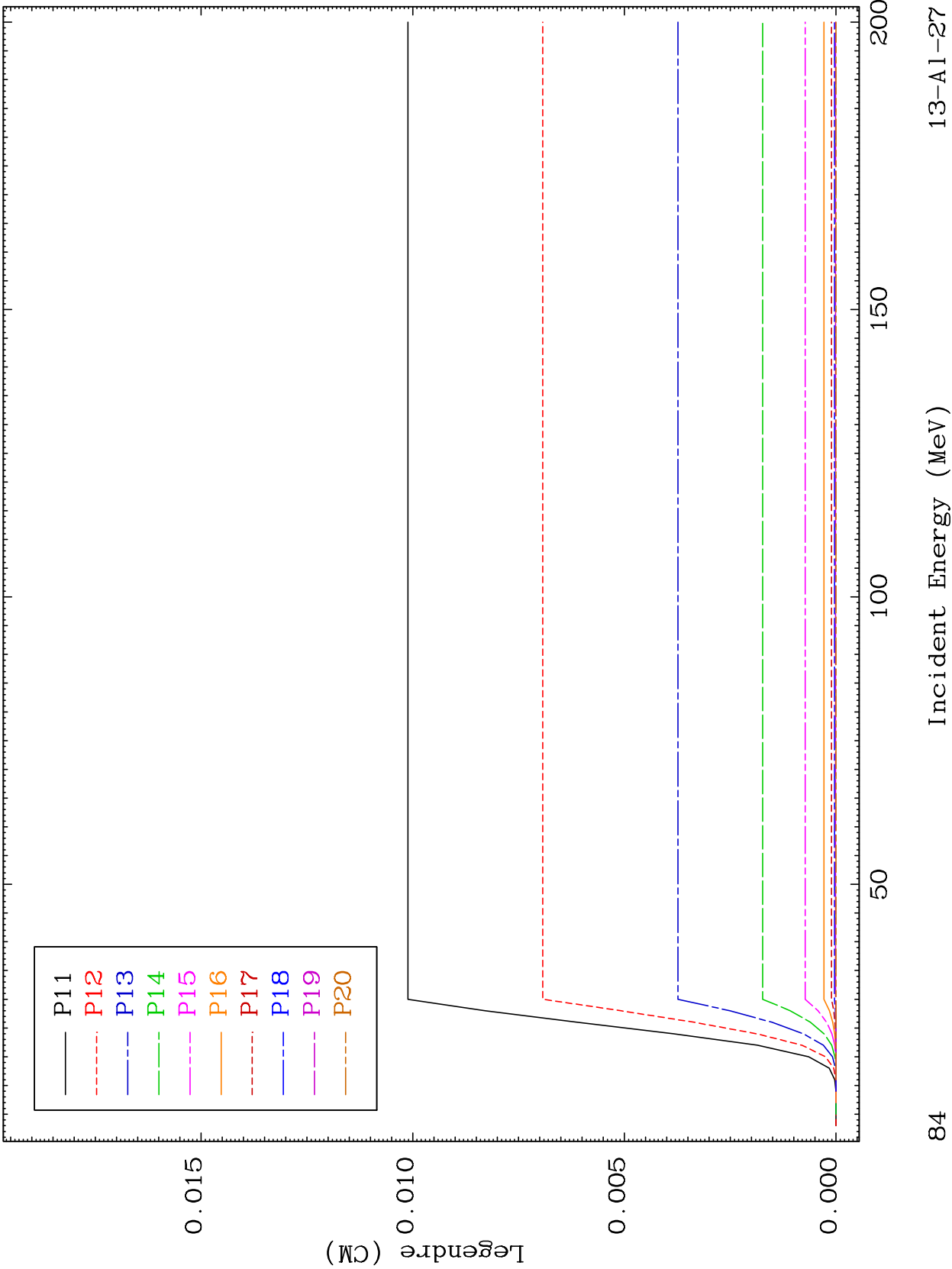
13-Al-27



MAT 1325

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

13-Al-27



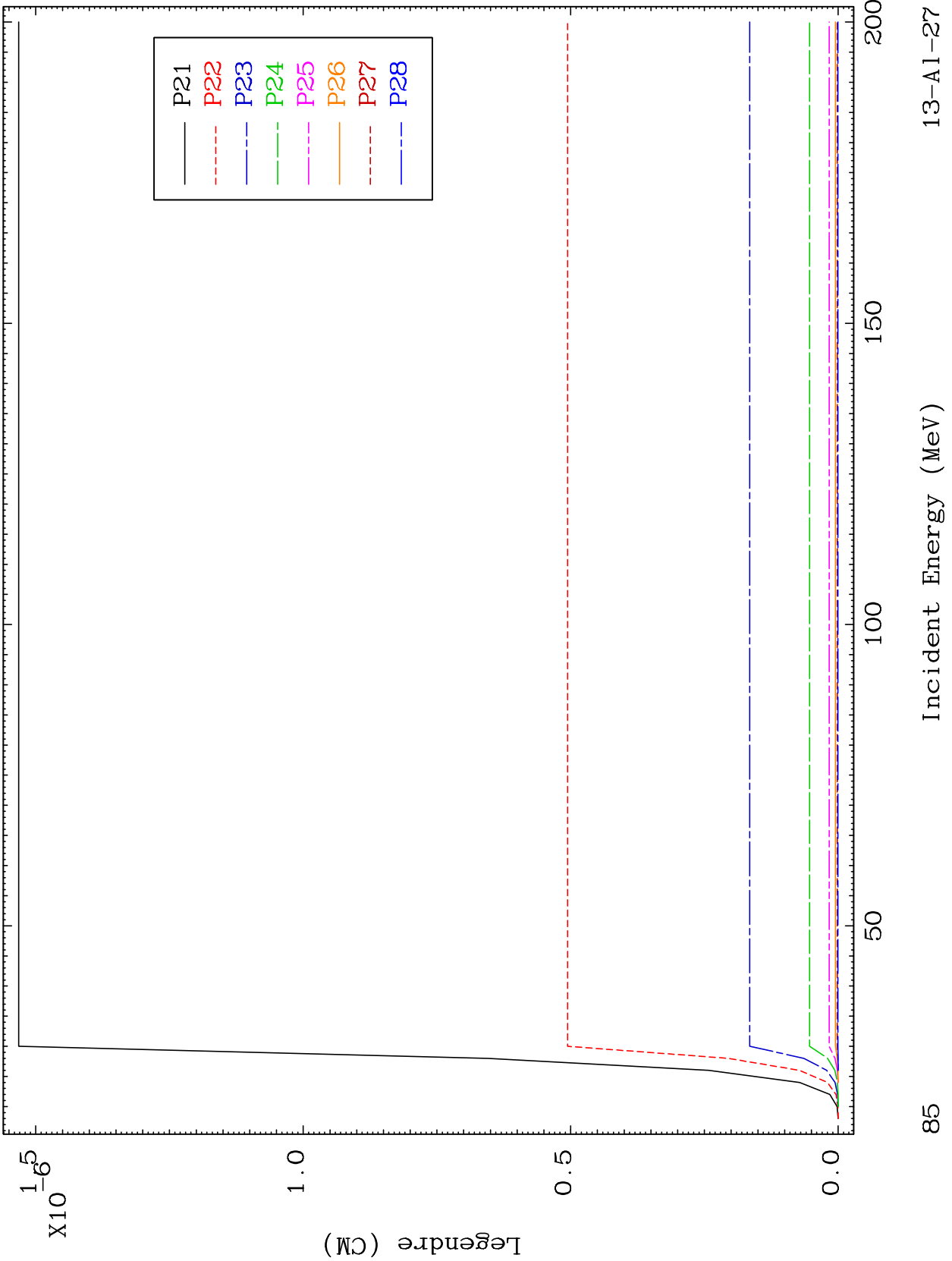
84

13-Al-27

MAT 1325

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

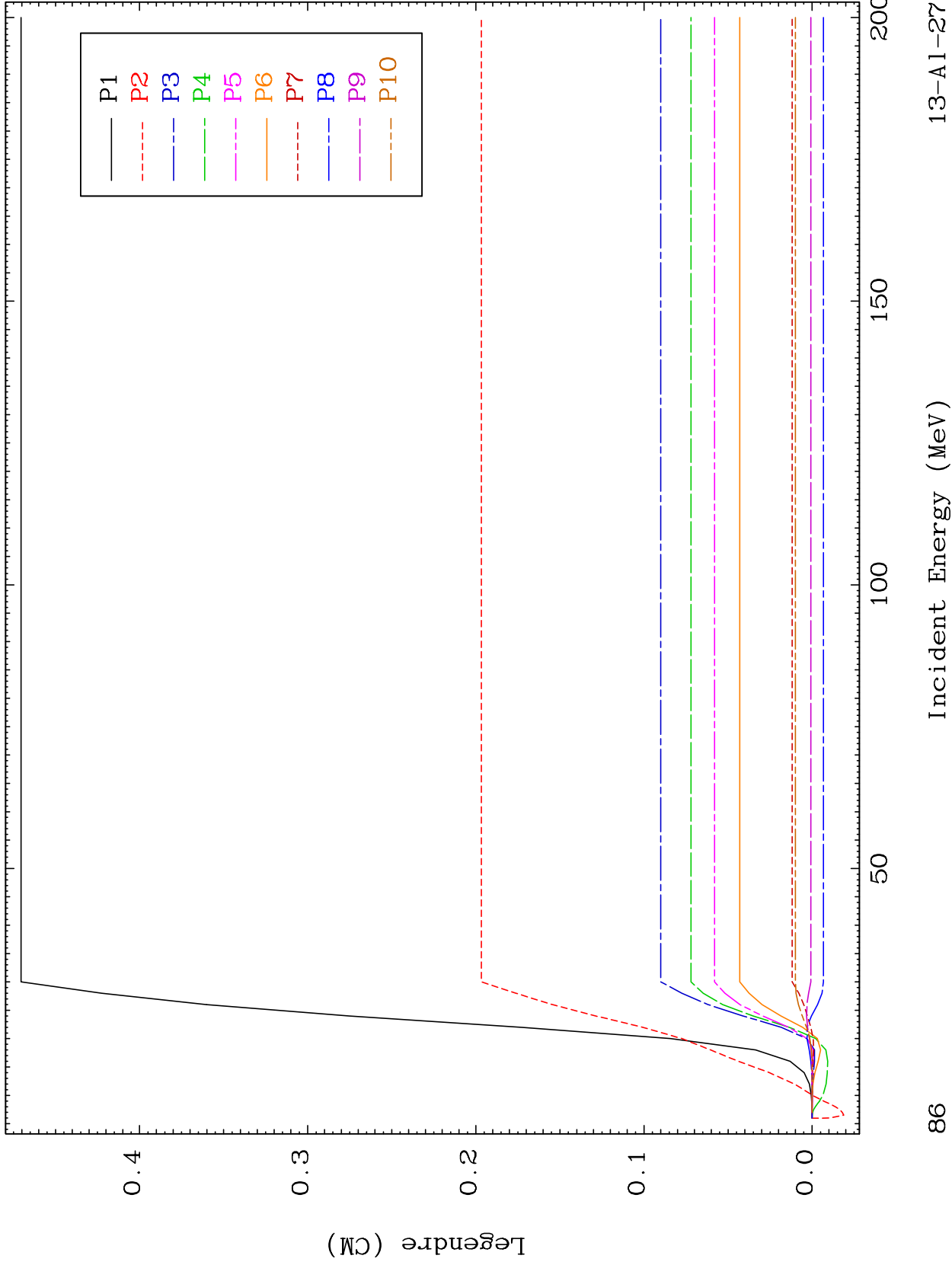
13-Al-27



85

Incident Energy (MeV)

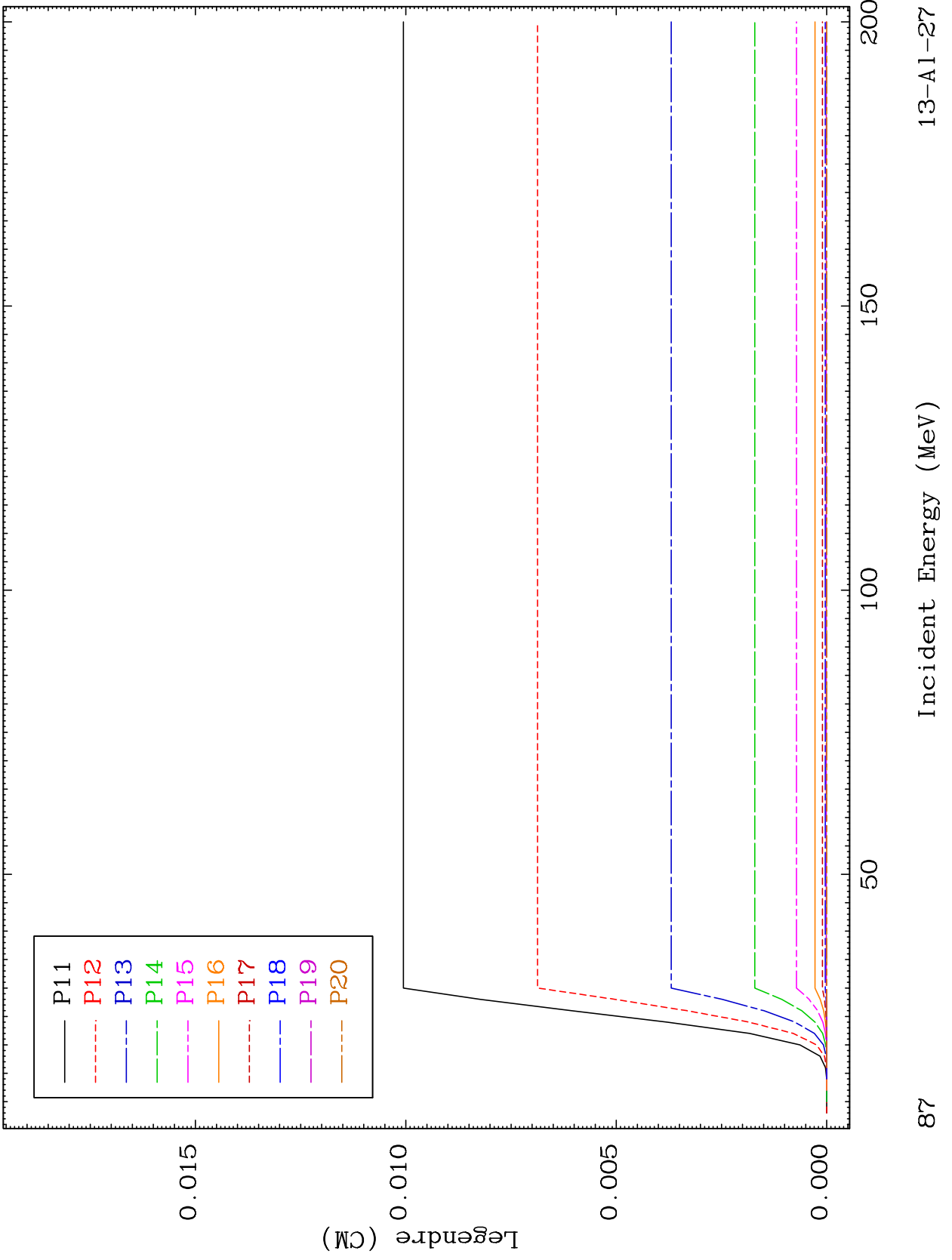
13-Al-27



MAT 1325

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

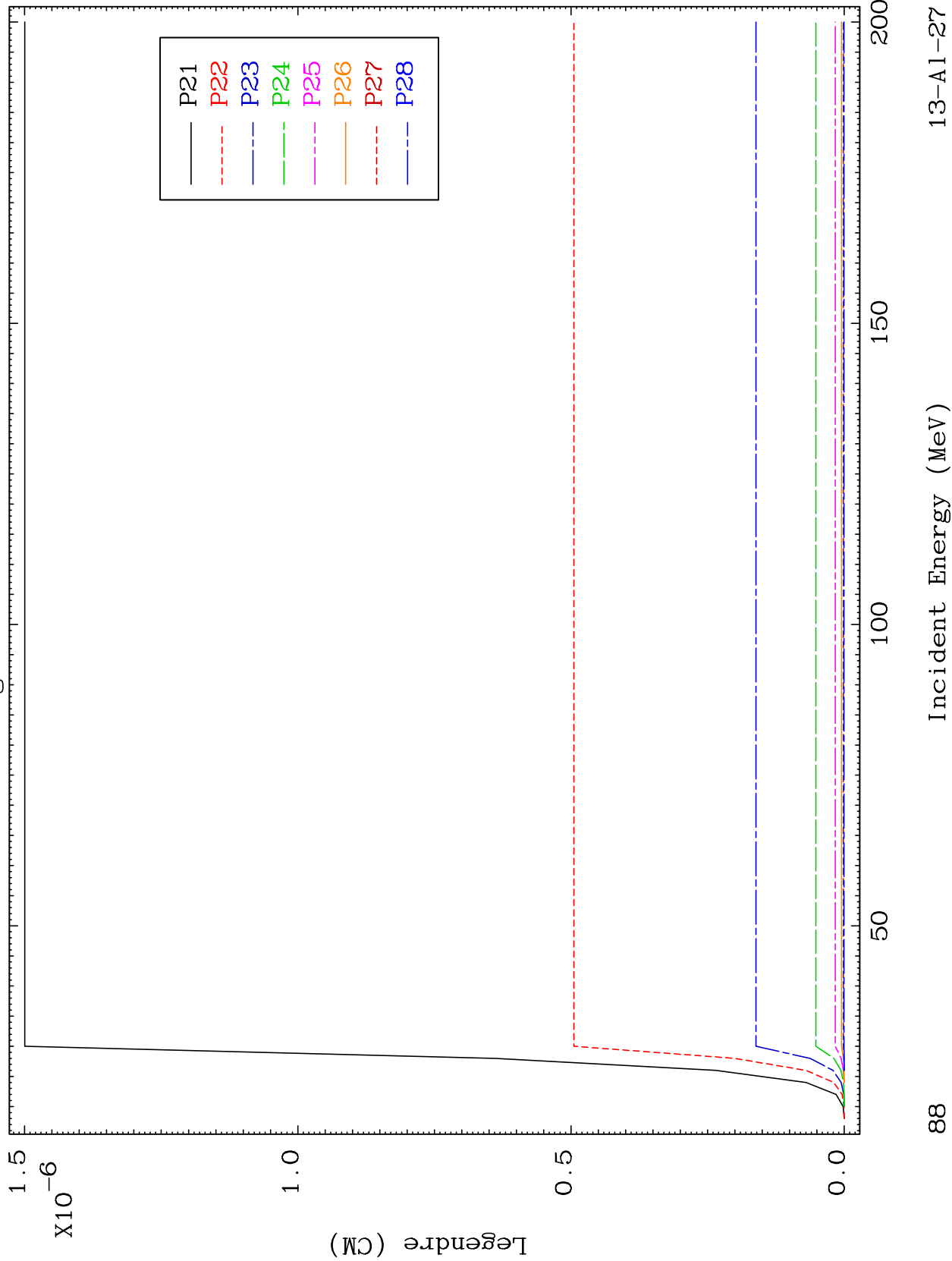
13-Al-27

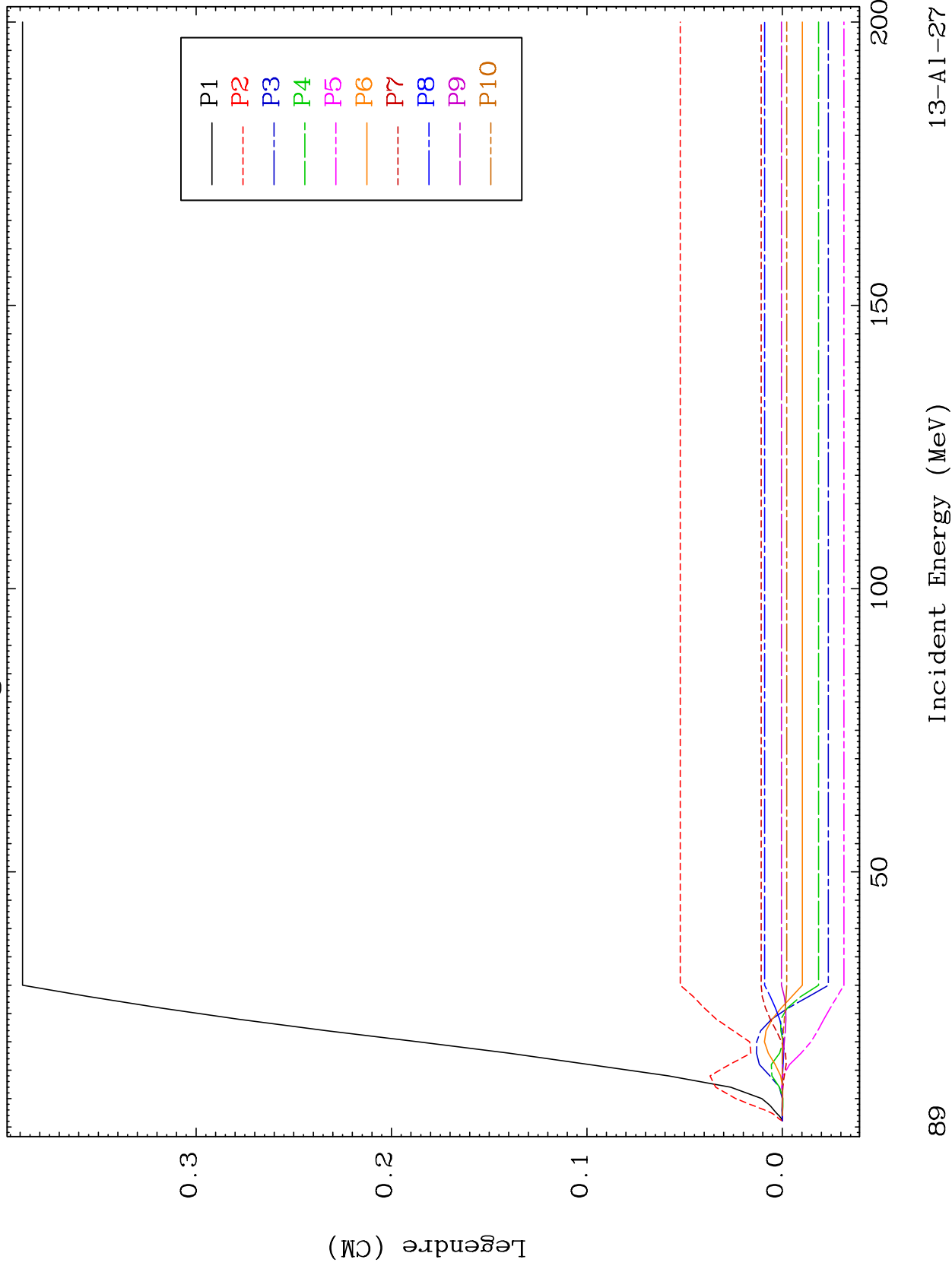


87

Incident Energy (MeV)

13-Al-27

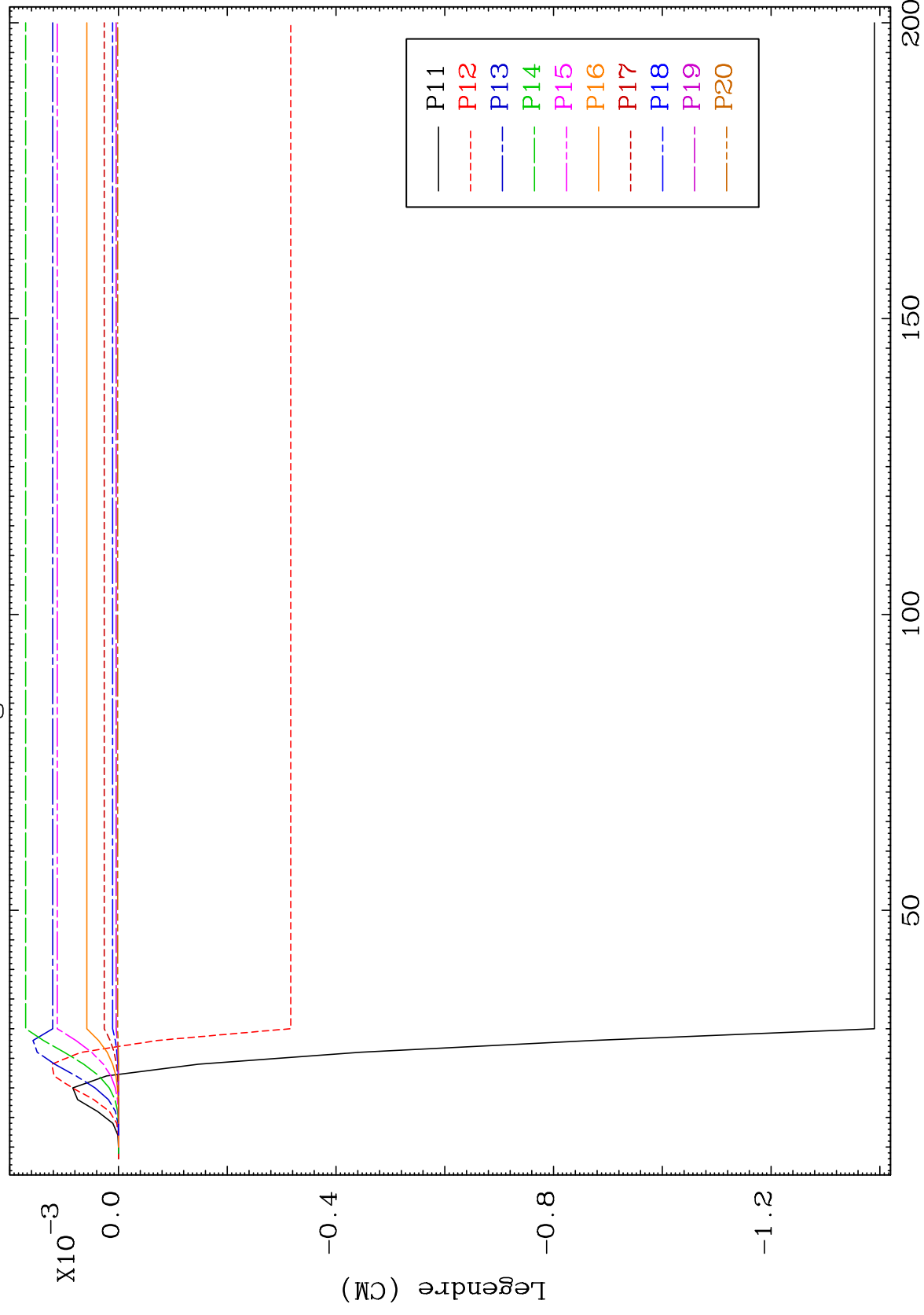




MAT 1325

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

13-A1-27



90

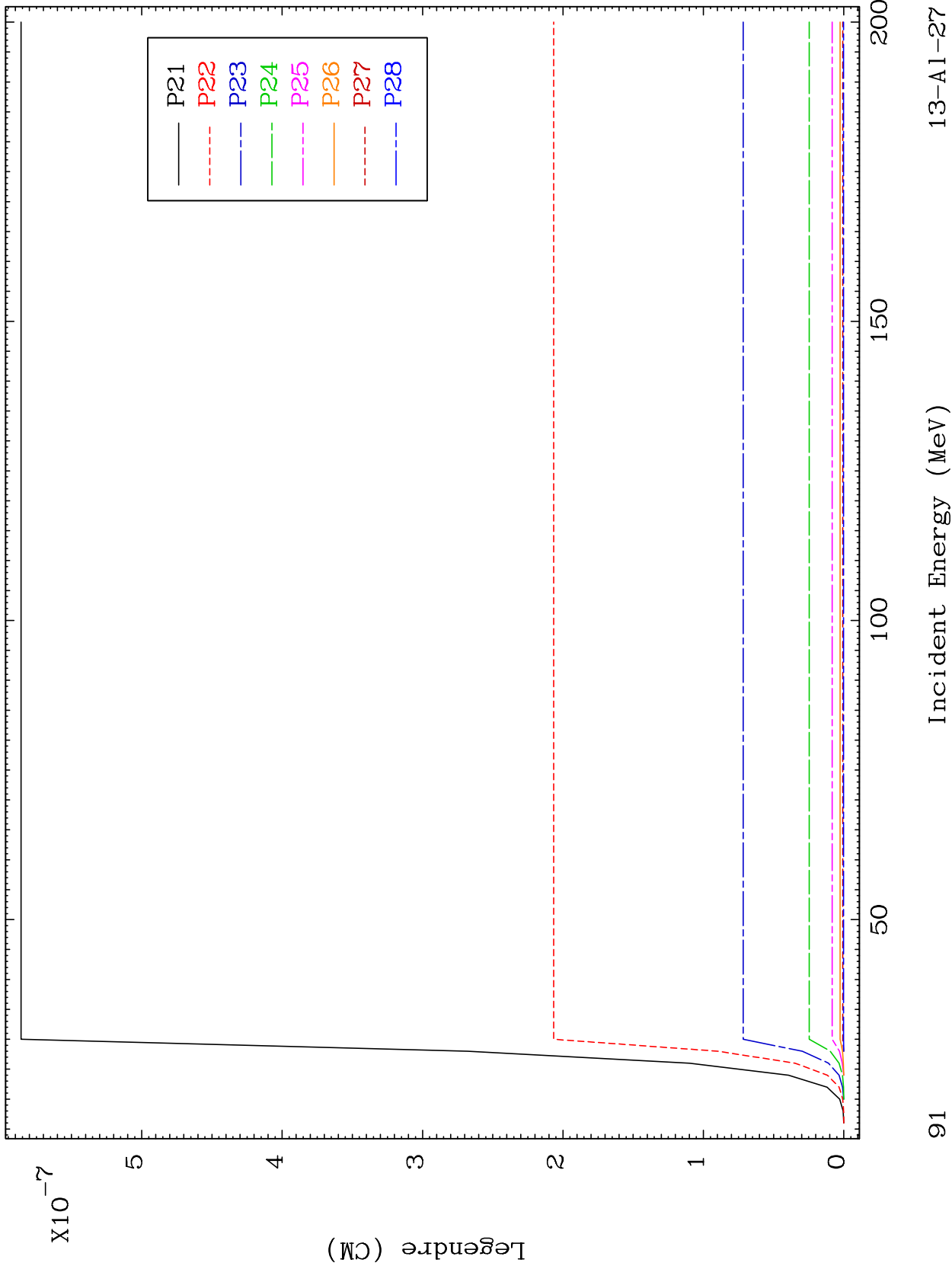
Incident Energy (MeV)

13-A1-27

MAT 1325

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

13-A1-27



91

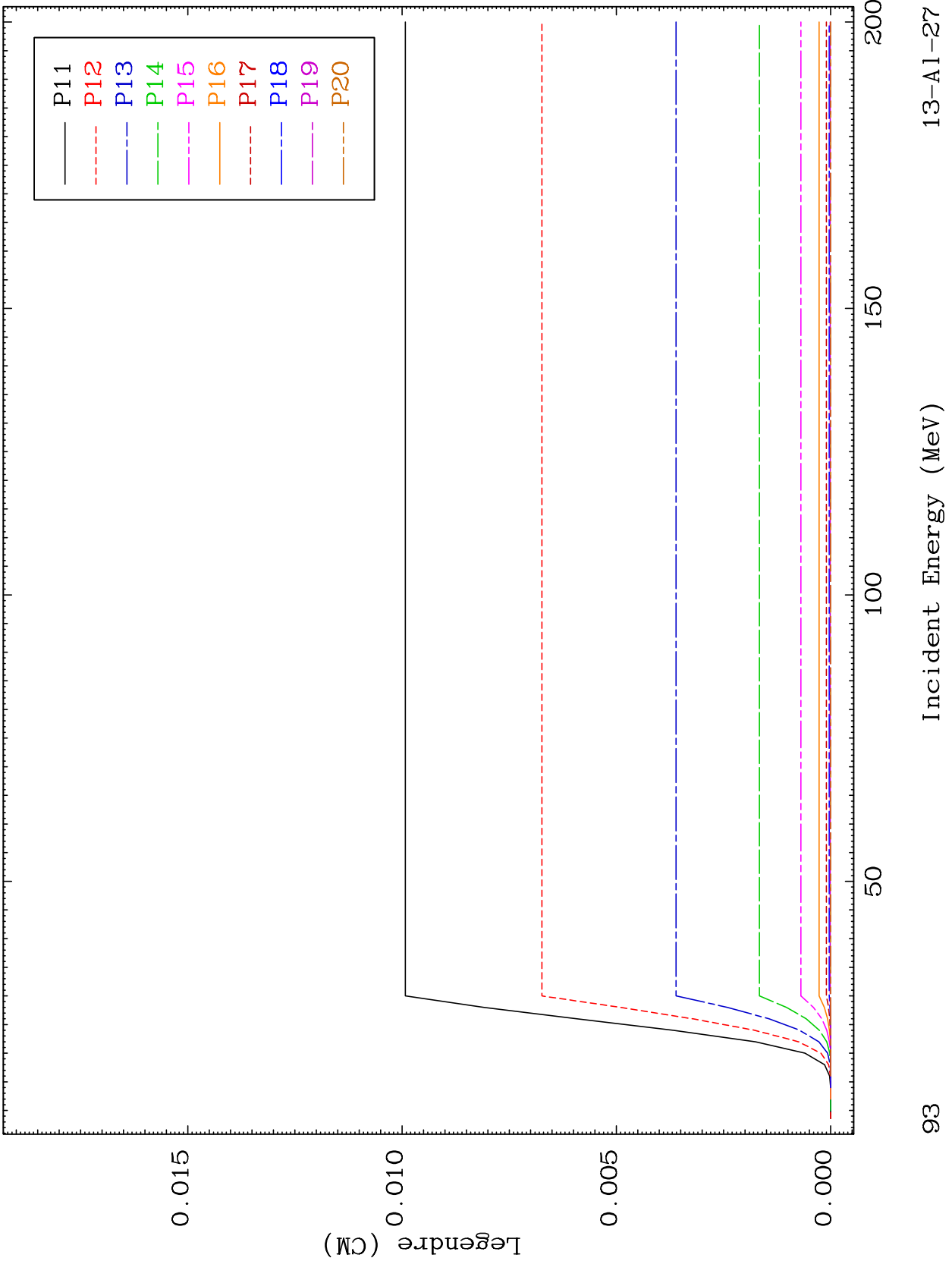
Incident Energy (MeV)

13-A1-27

MAT 1325

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

13-Al-27



93

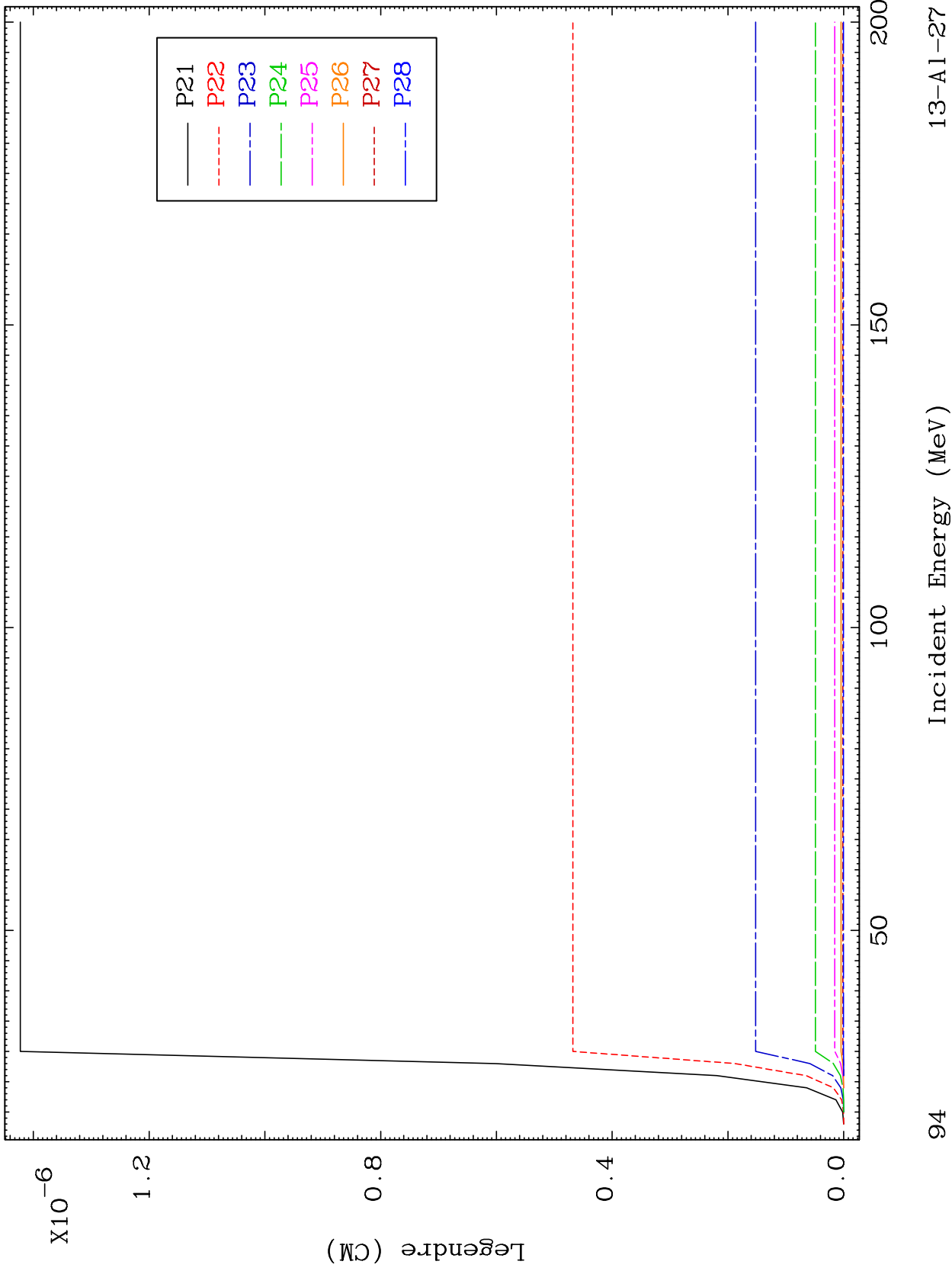
Incident Energy (MeV)

13-Al-27

MAT 1325

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

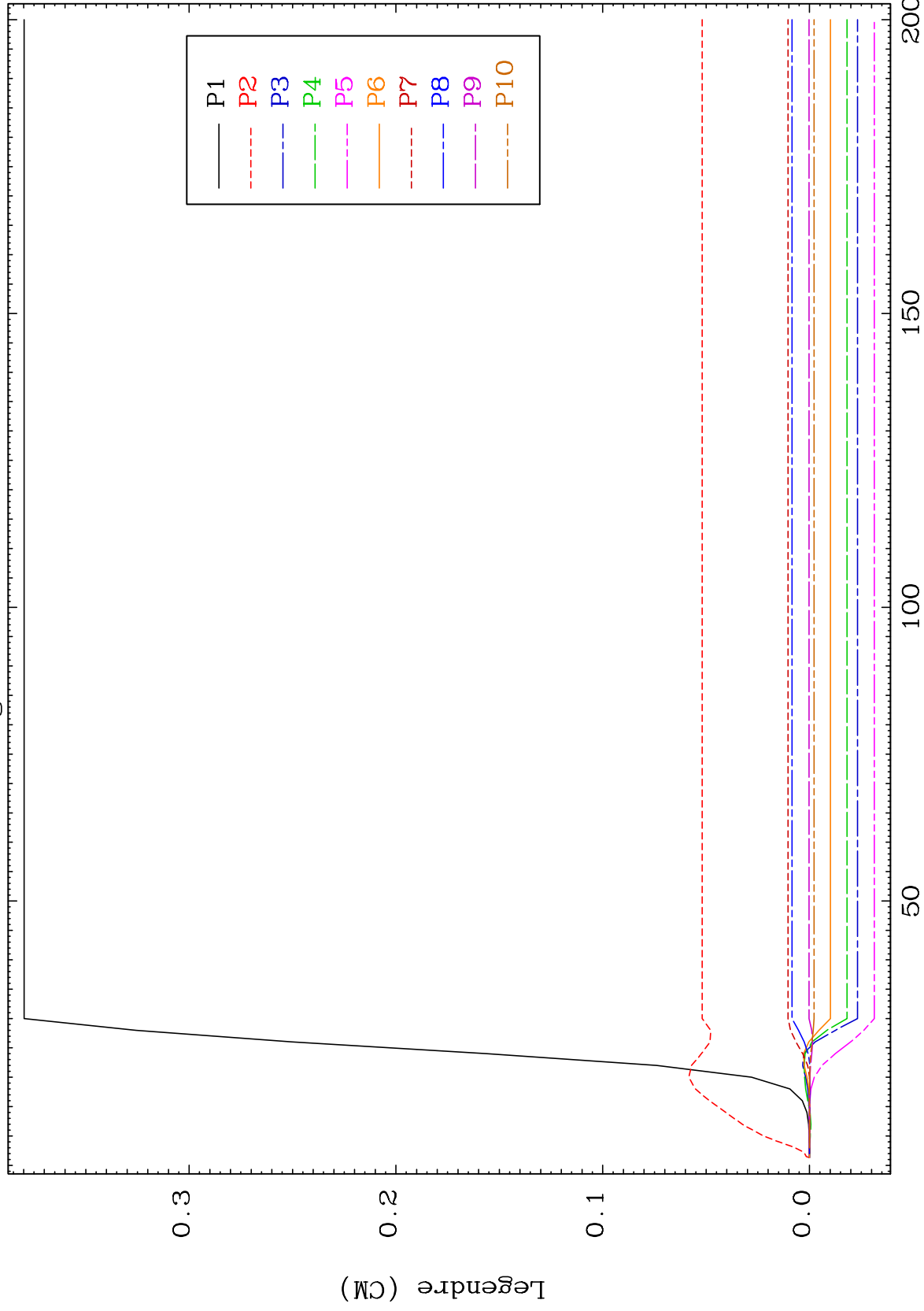
13-Al-27



MAT 1325

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

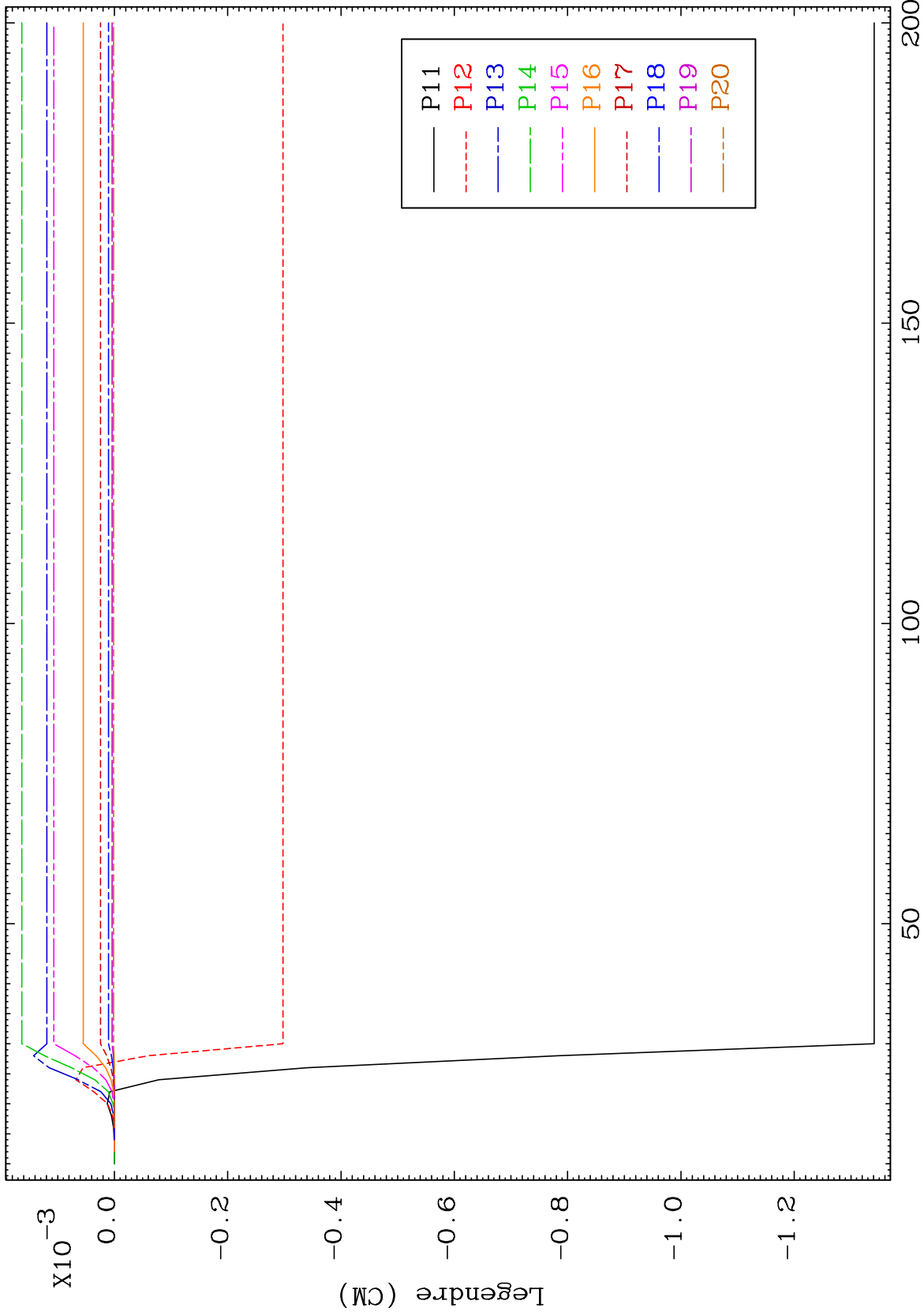
13-A1-27



95

Incident Energy (MeV)

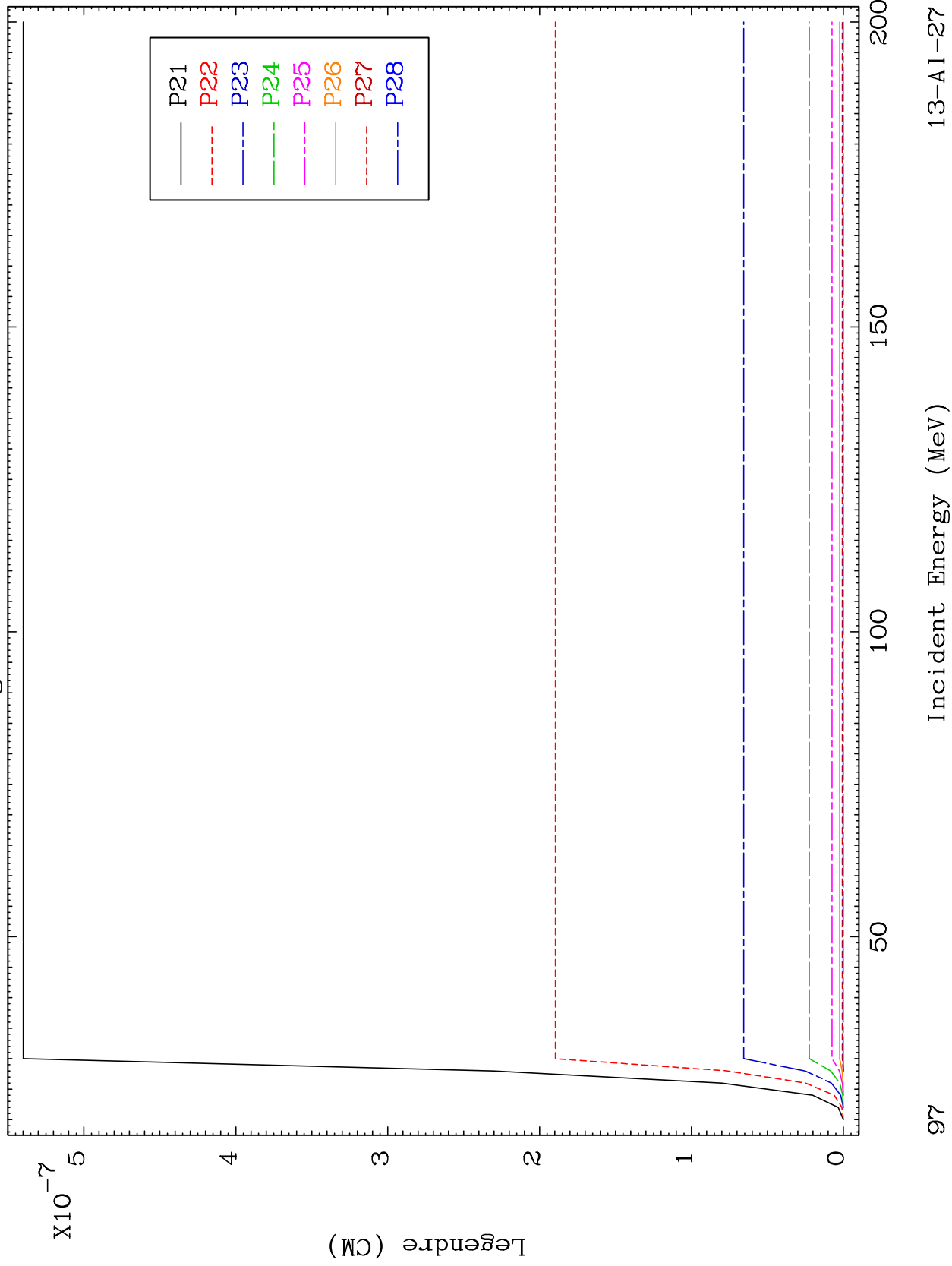
13-A1-27

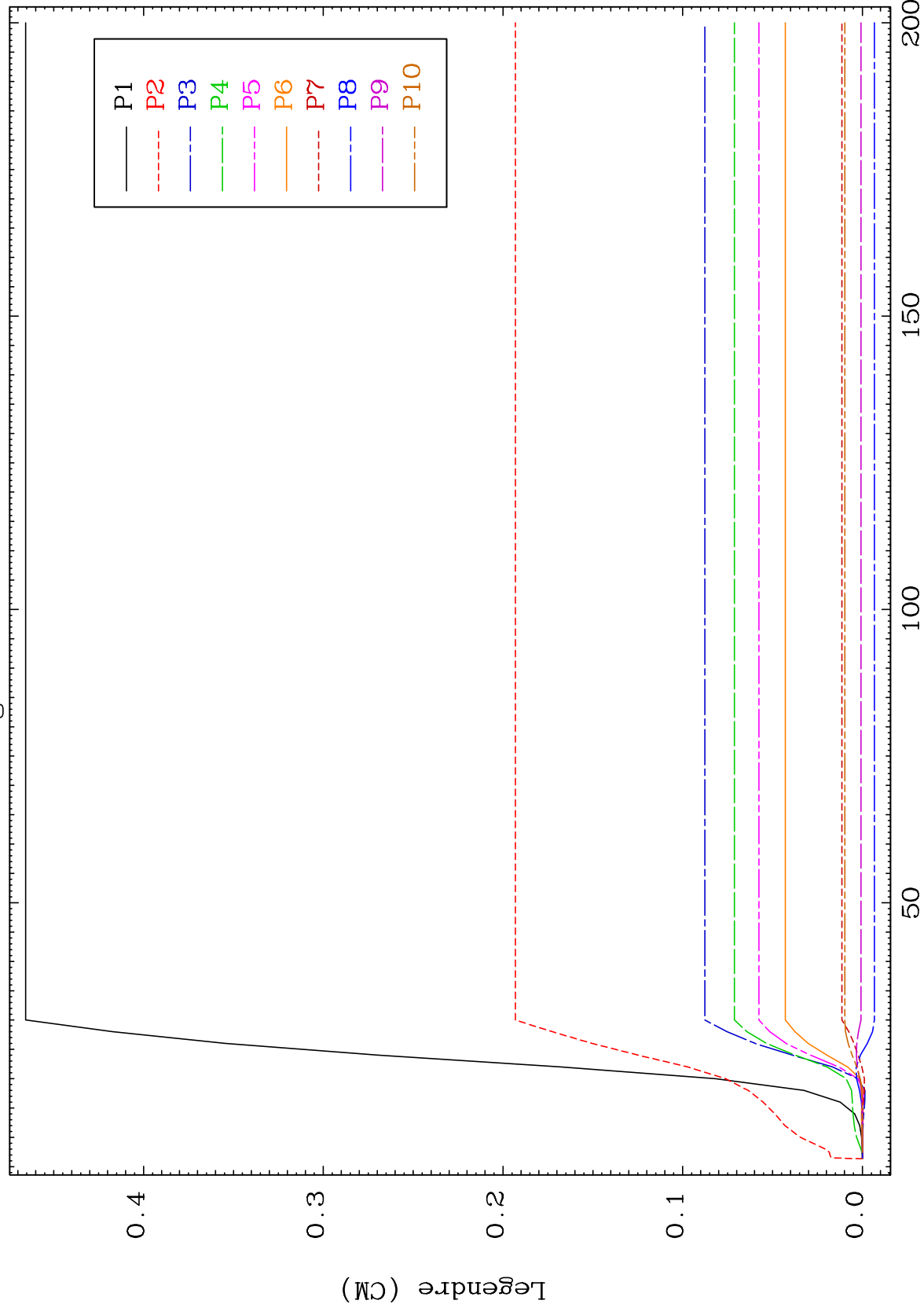


MAT 1325

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

13-Al-27

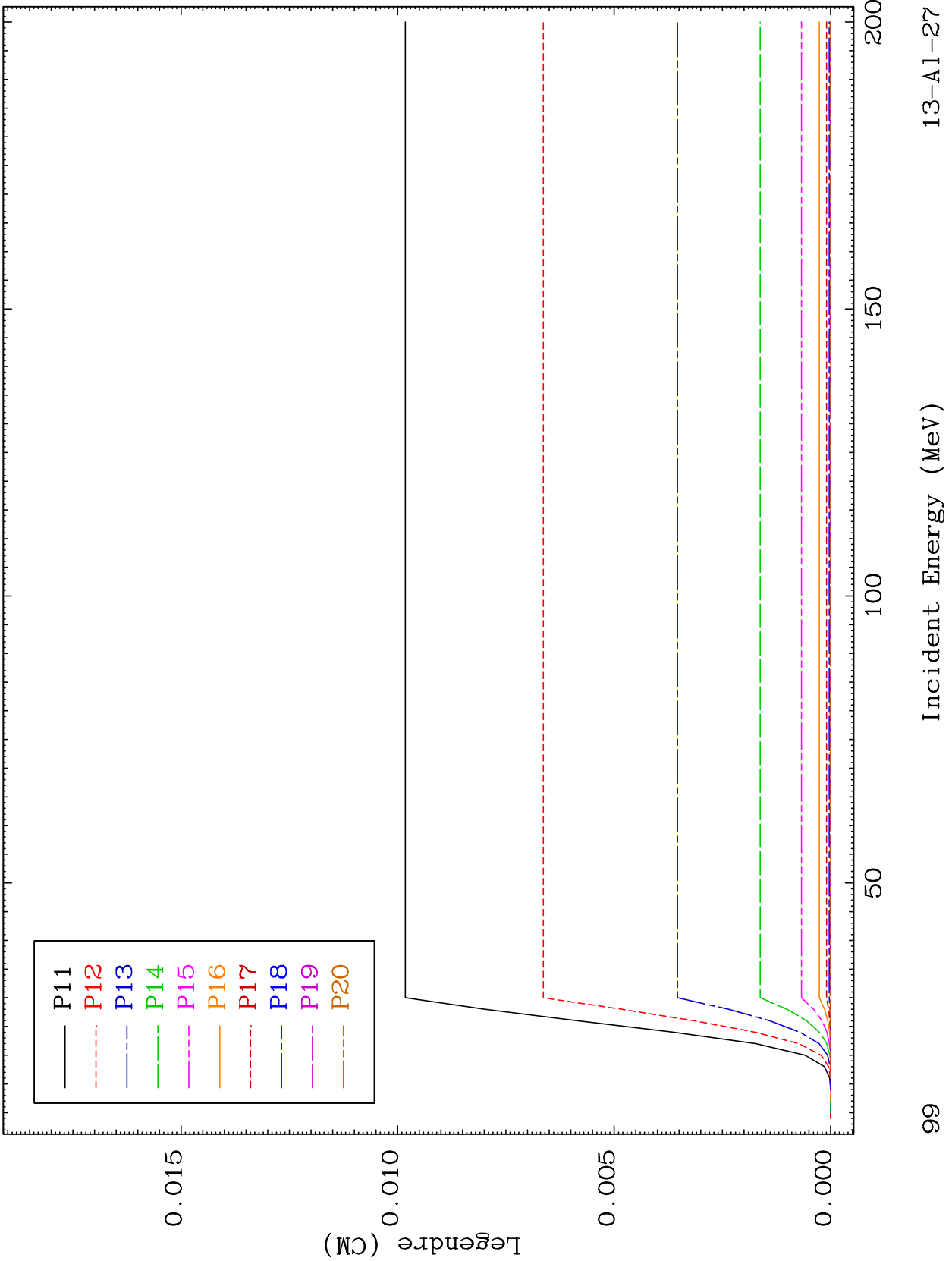




MAT 1325

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

13-Al-27



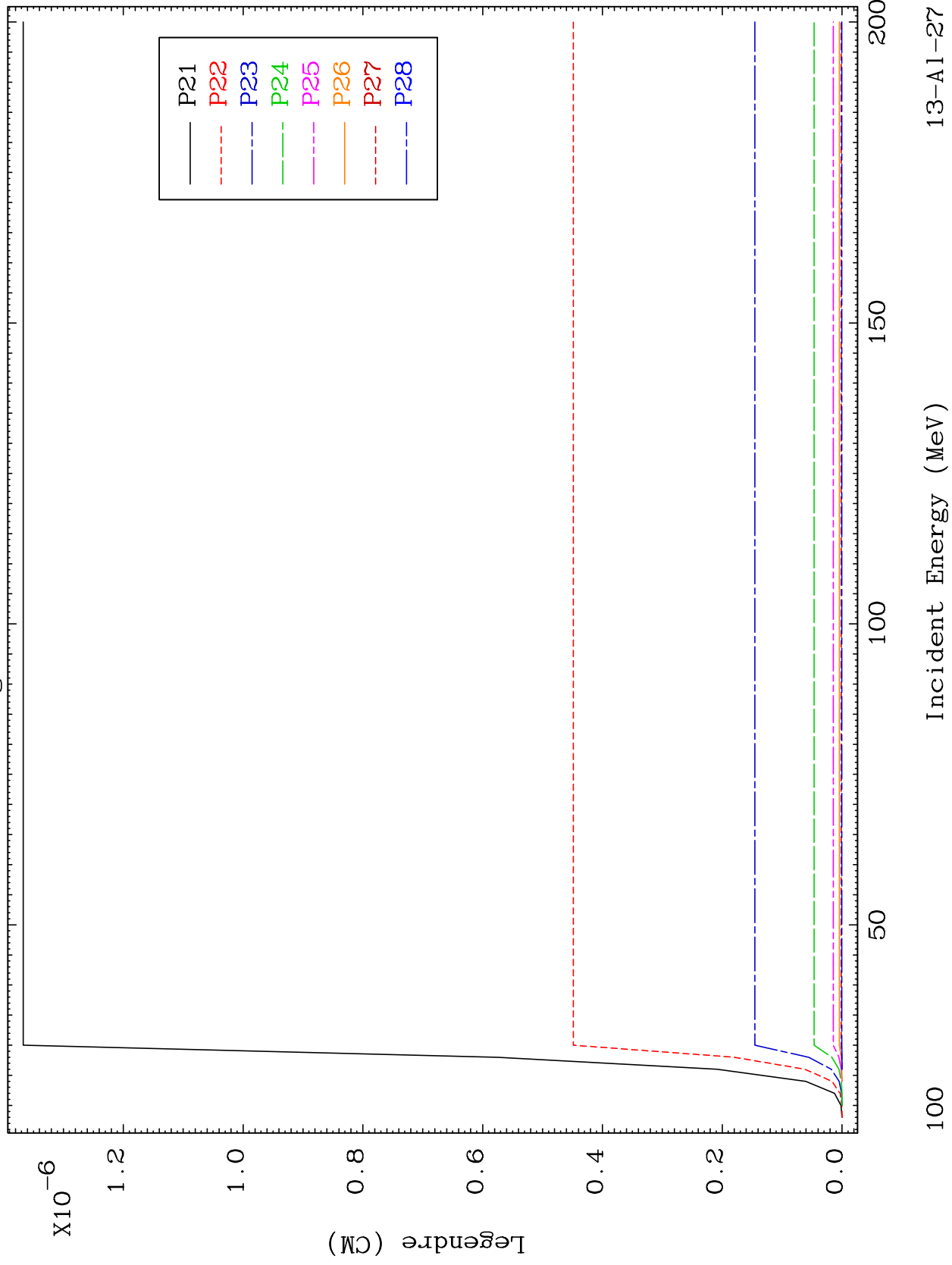
99

13-Al-27

MAT 1325

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

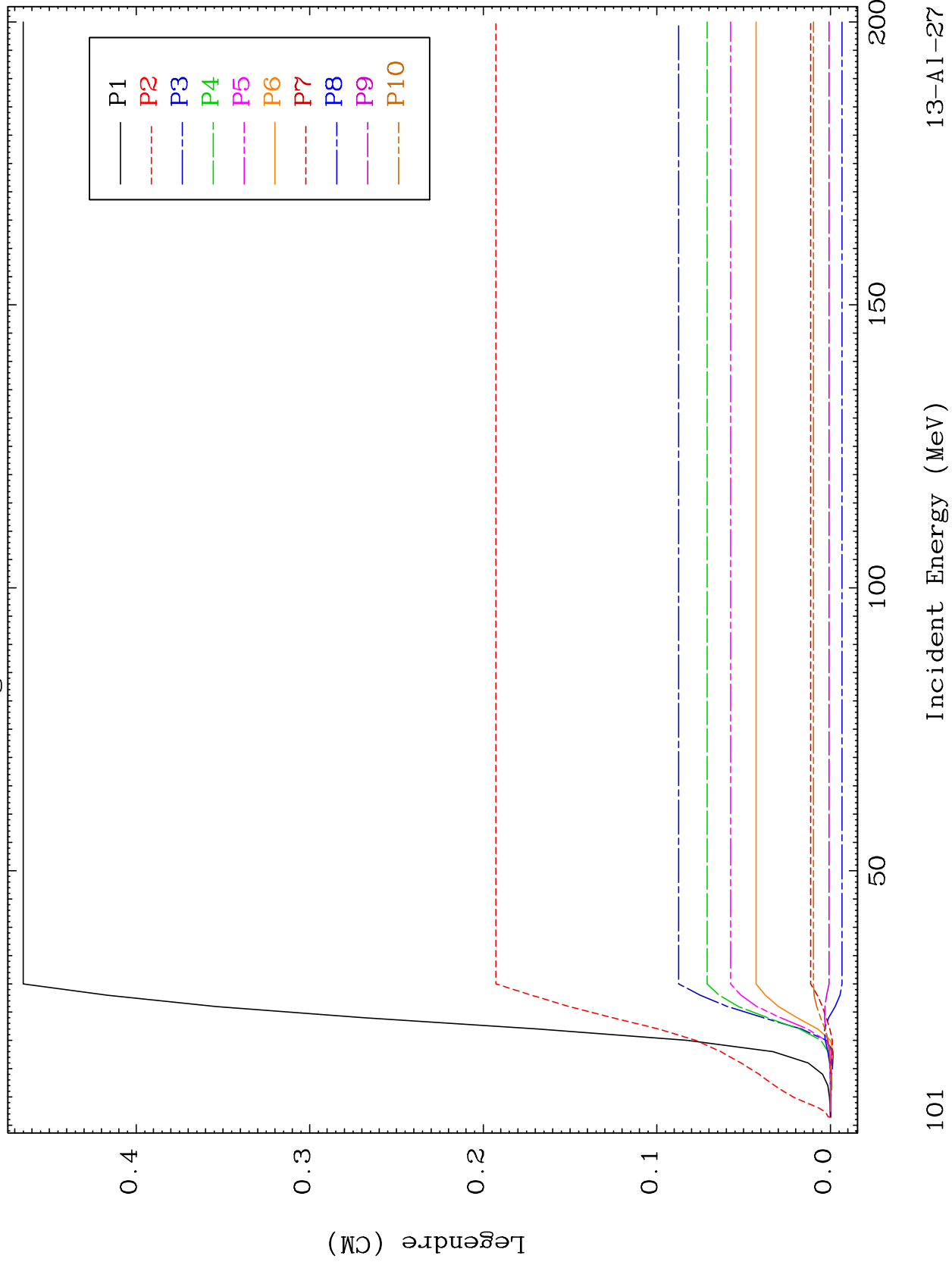
13-Al-27



MAT 1325

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

13-Al-27



101

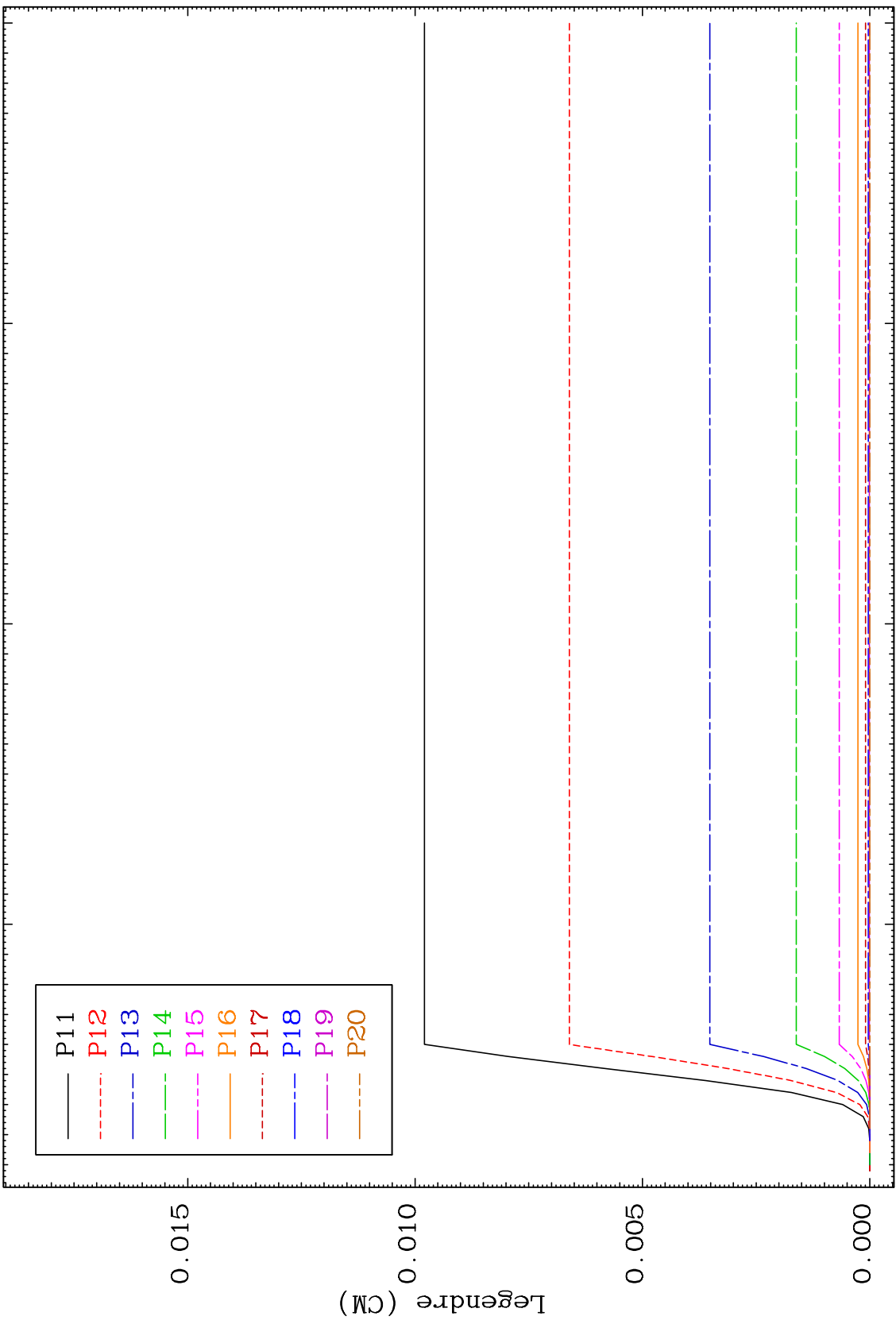
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-A1-27



102

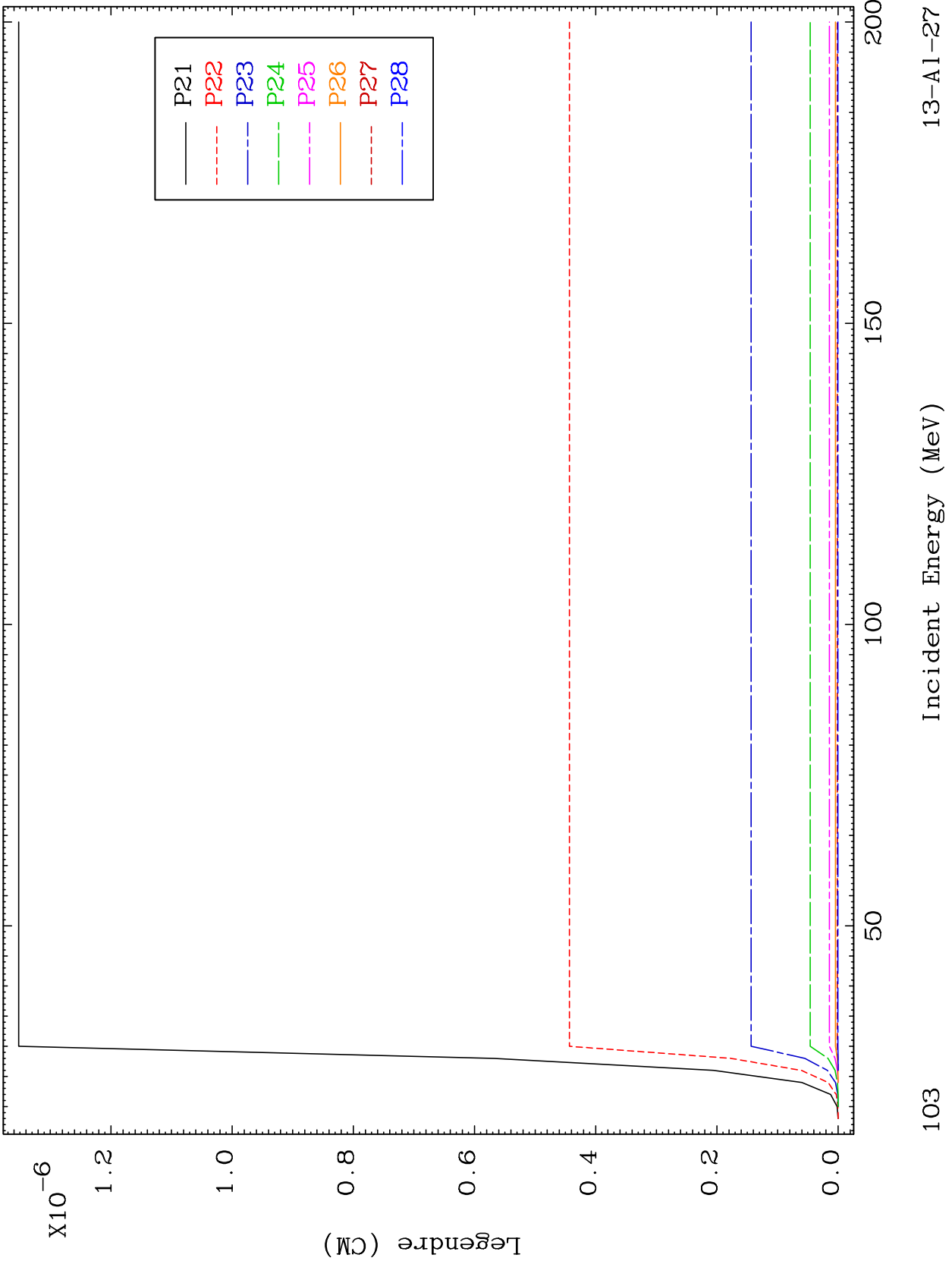
Incident Energy (MeV)

13-A1-27

MAT 1325

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

13-Al-27



103

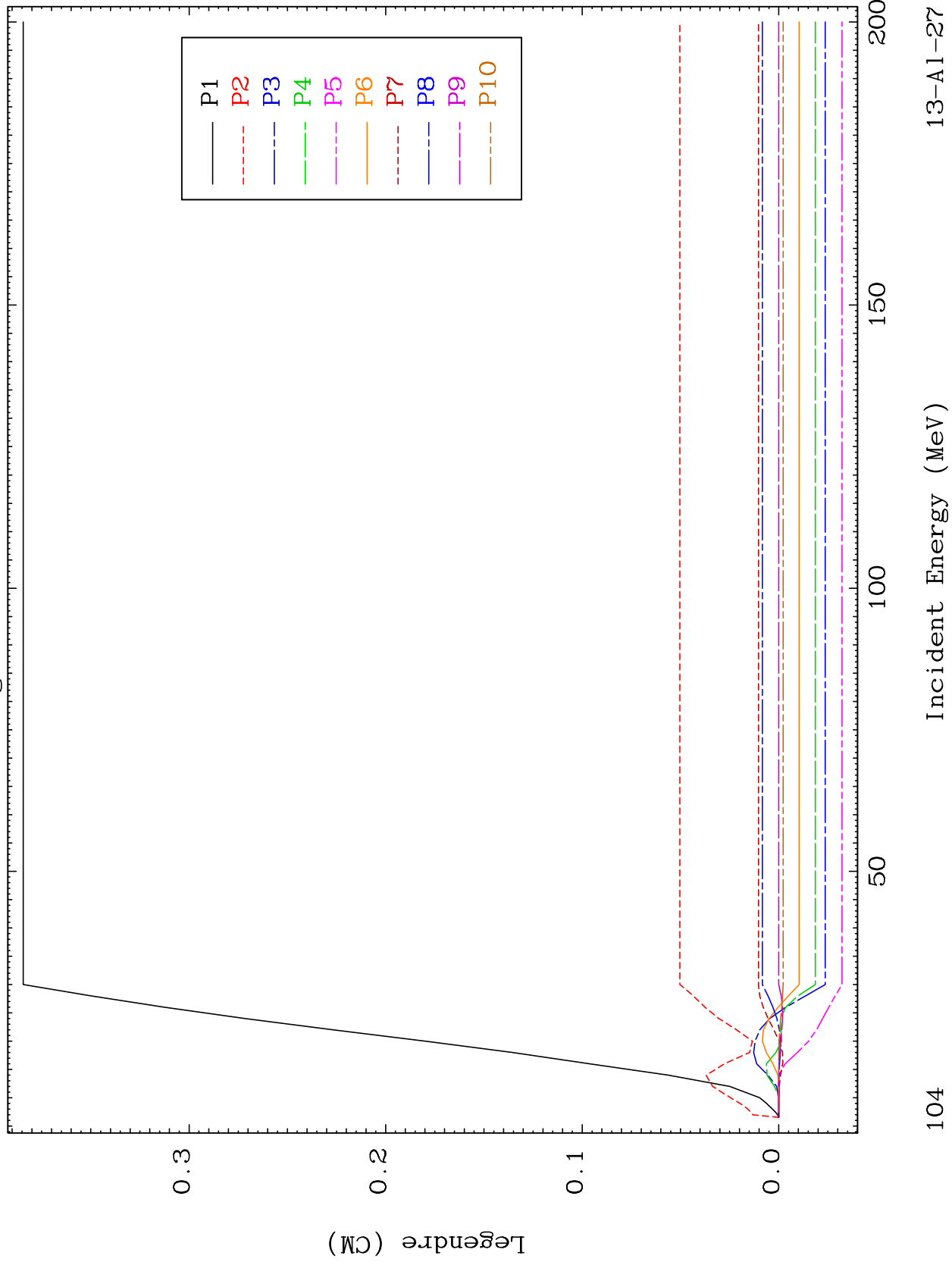
Incident Energy (MeV)

13-Al-27

MAT 1325

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

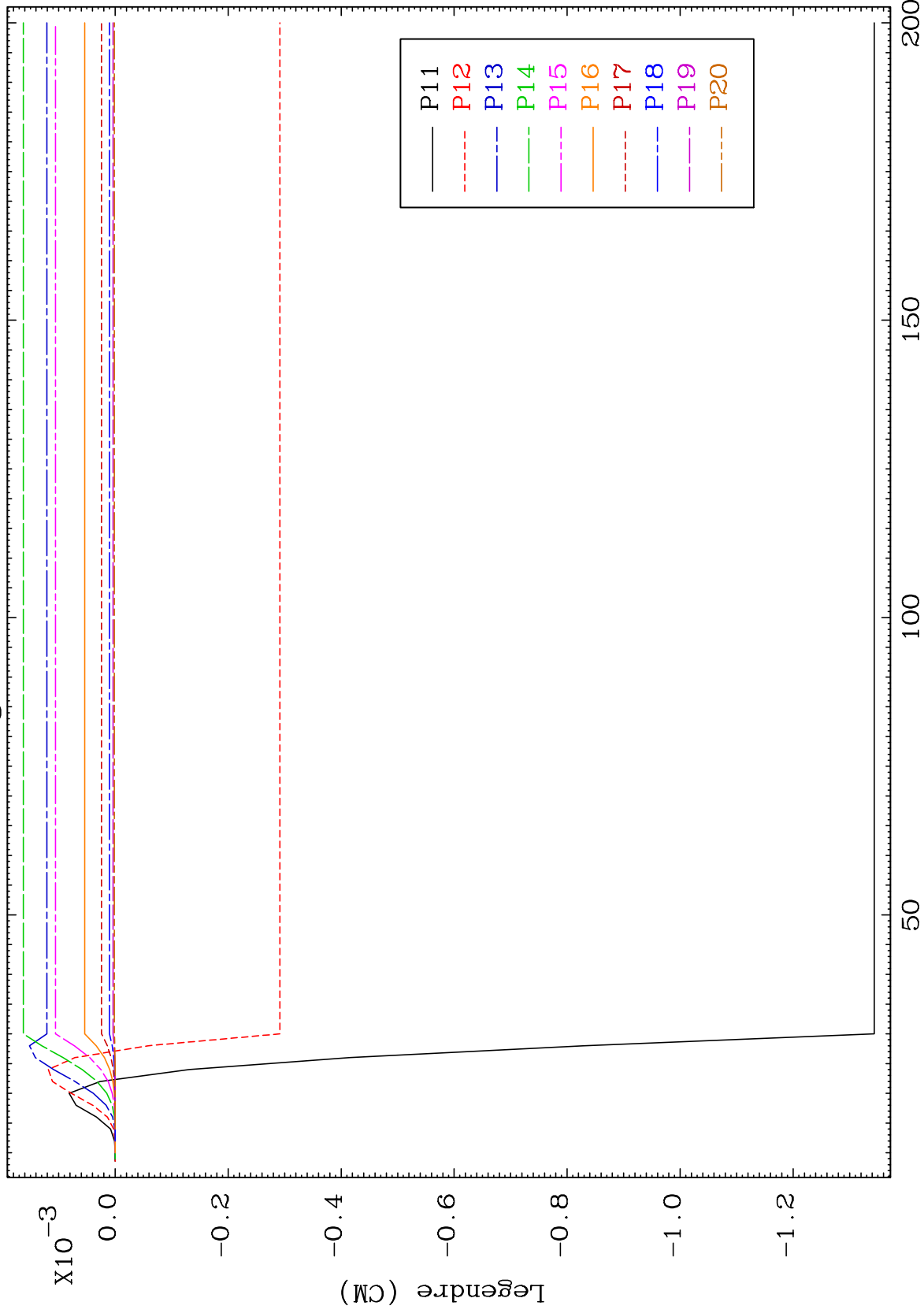
13-Al-27



MAT 1325

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

13-Al-27



105

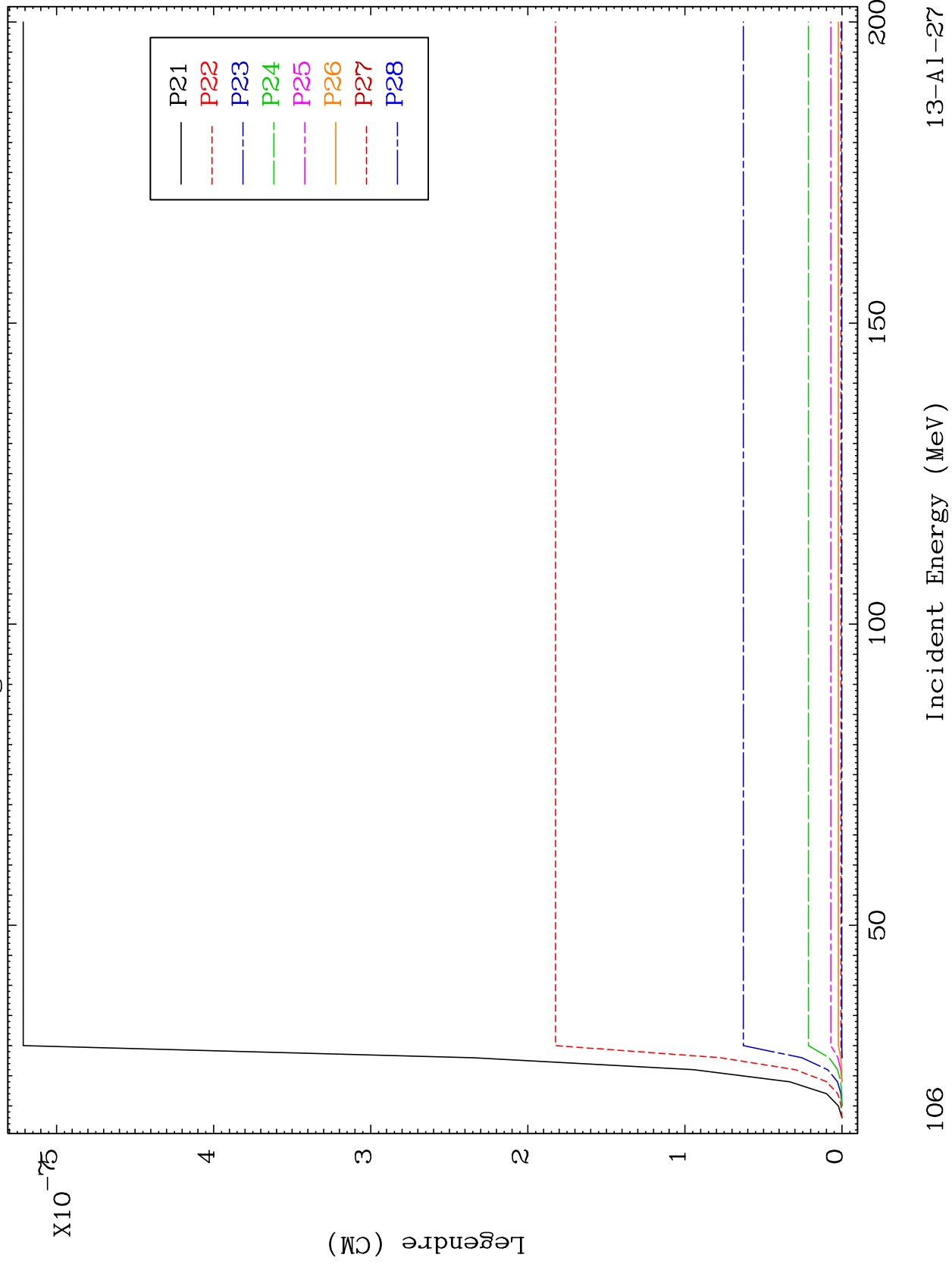
Incident Energy (MeV)

13-Al-27

MAT 1325

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

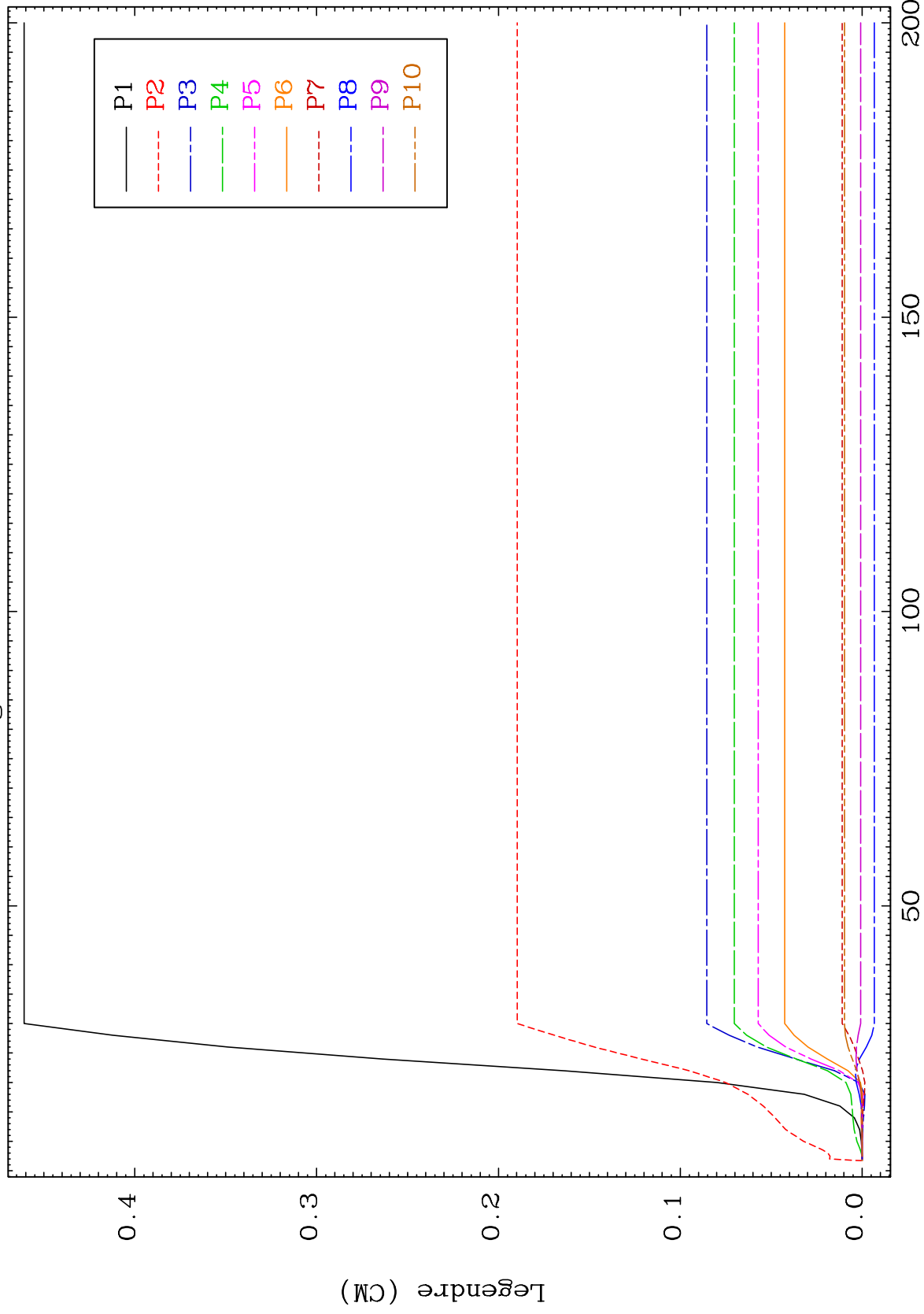
13-A1-27



MAT 1325

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

13-Al-27



107

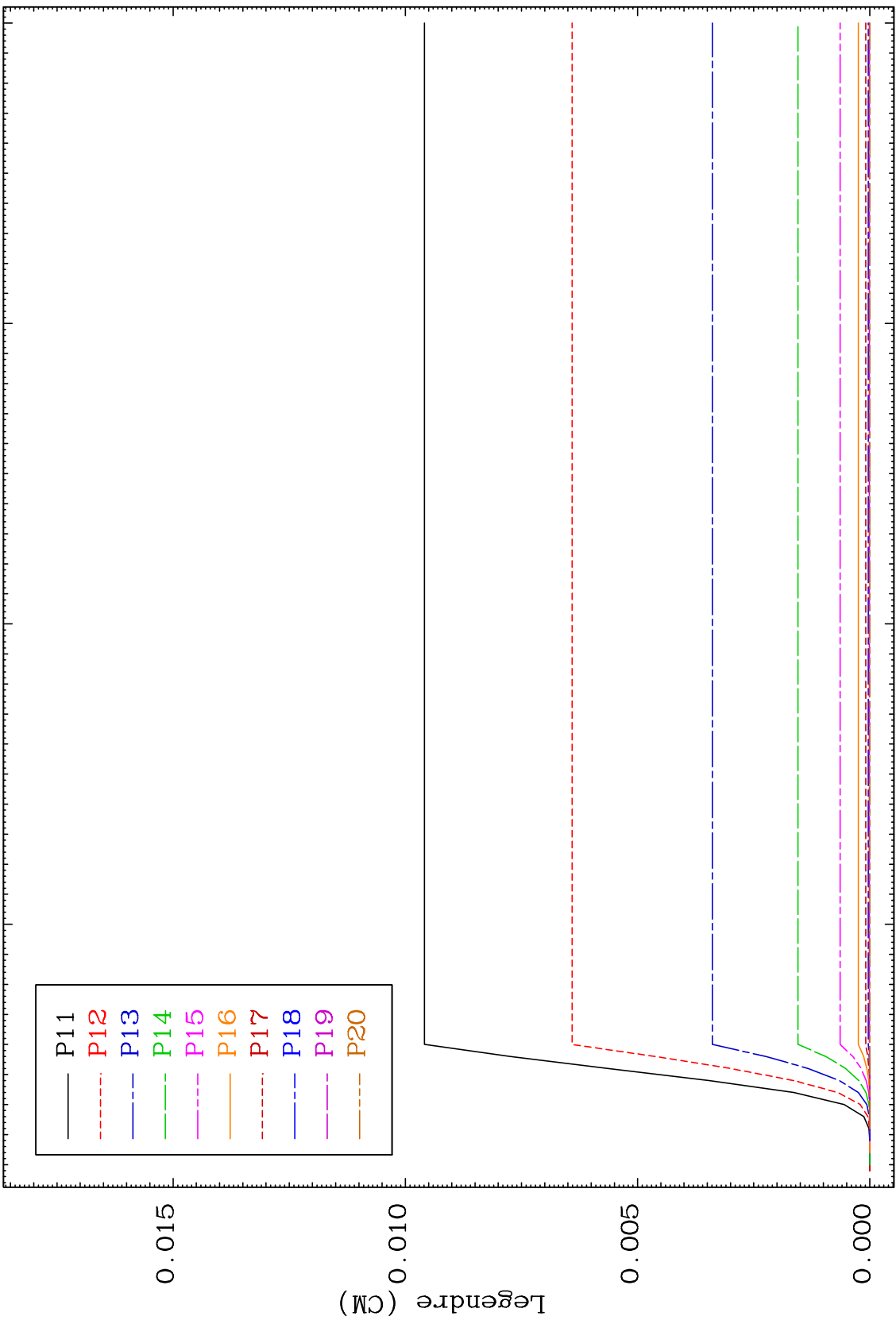
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-Al-27



108

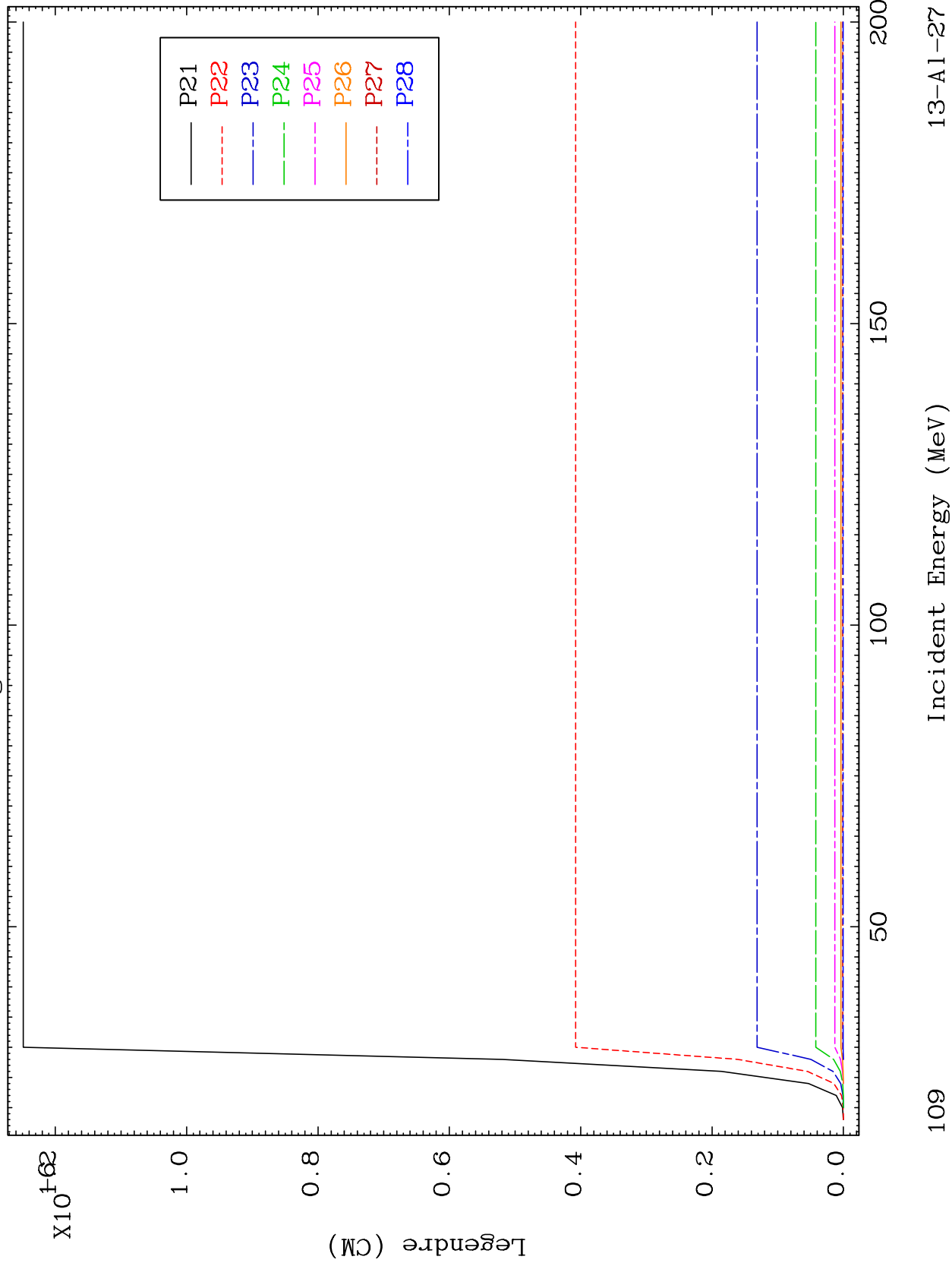
Incident Energy (MeV)

13-Al-27

MAT 1325

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

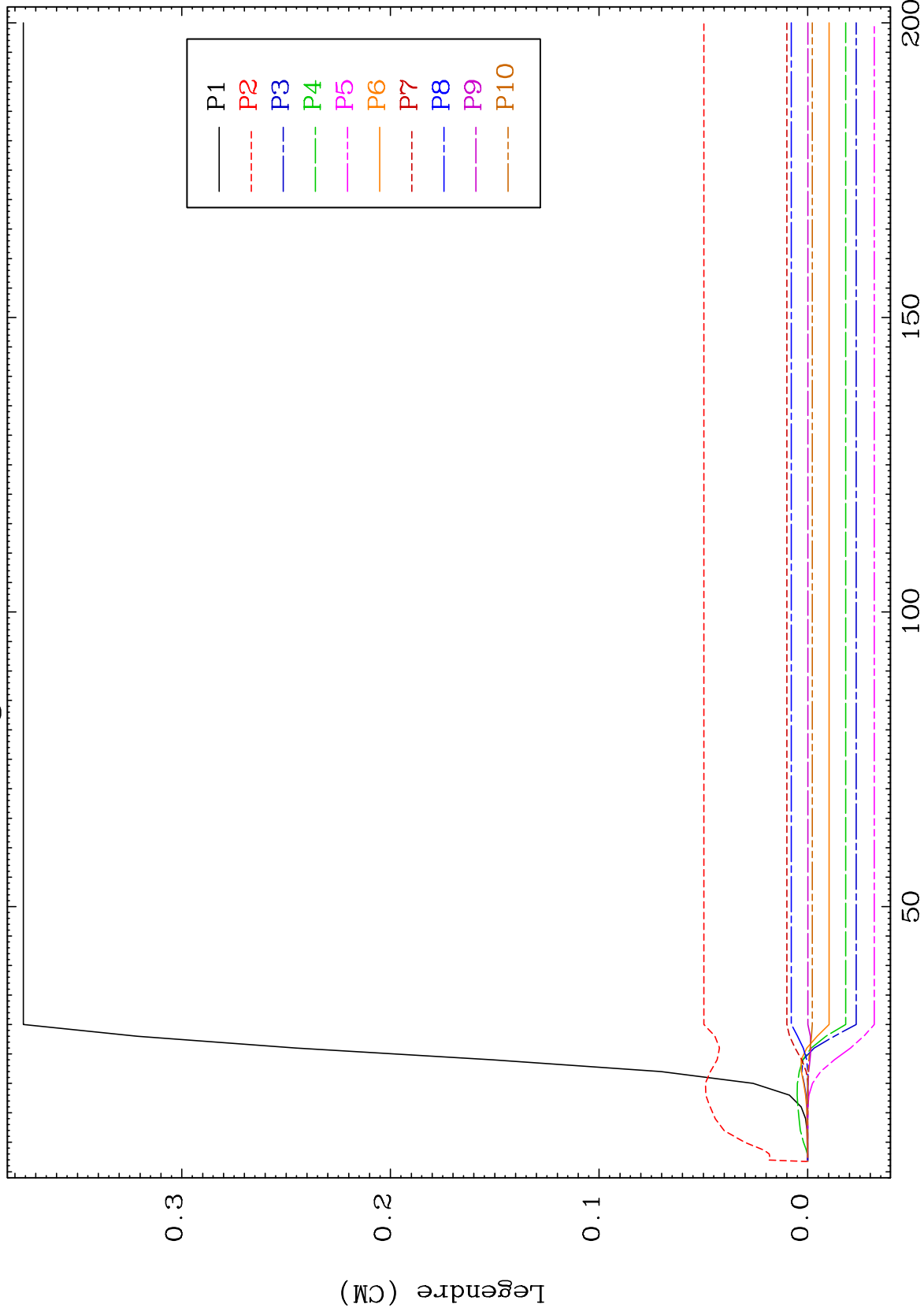
13-Al-27



MAT 1325

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

13-Al-27



110

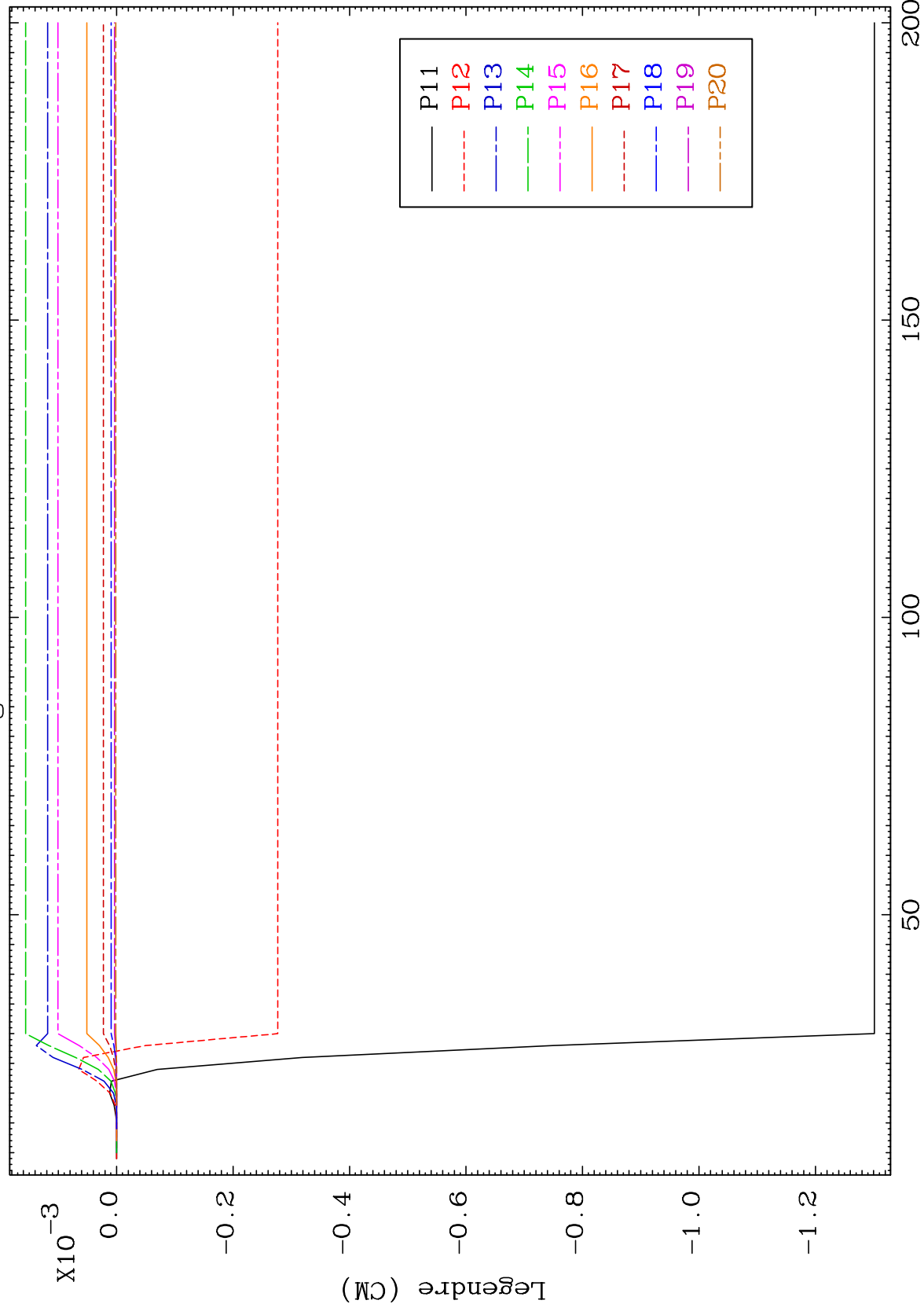
Incident Energy (MeV)

13-Al-27

MAT 1325

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

13-Al-27



111

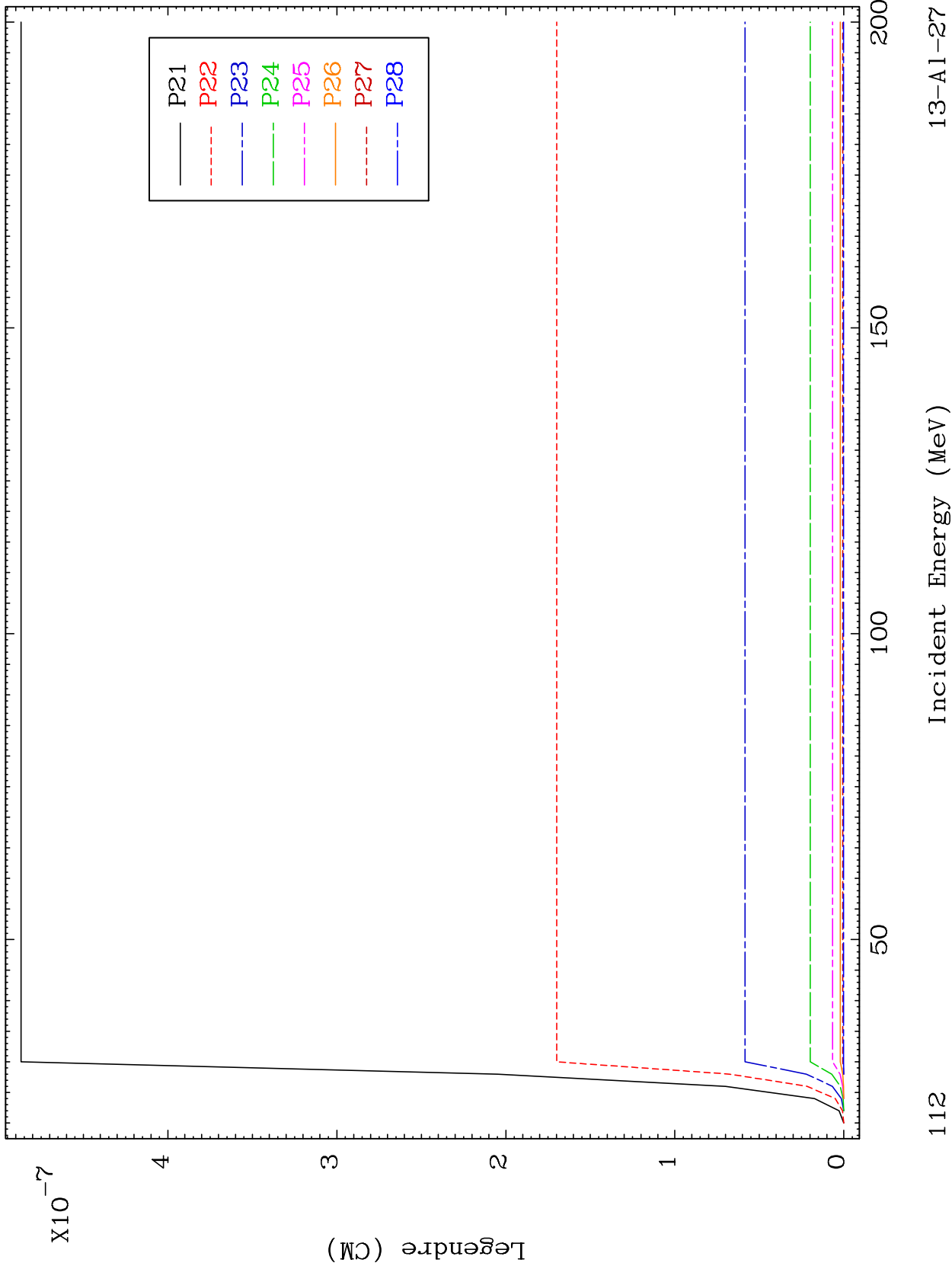
Incident Energy (MeV)

13-Al-27

MAT 1325

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

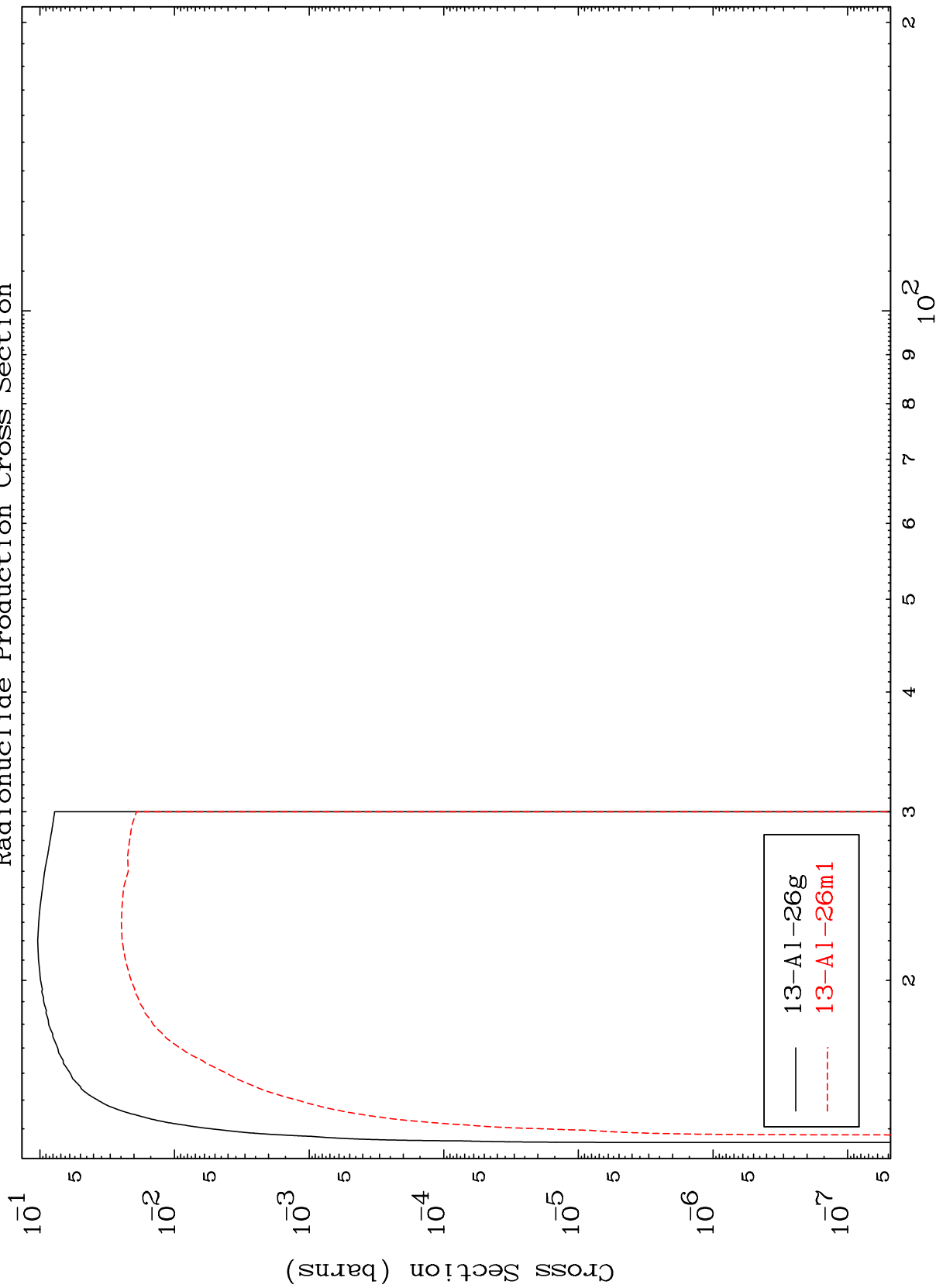
13-Al-27



MAT 1325

13-Al-27

(n,2n)
Radionuclide Production Cross Section



13-Al-27

Incident Energy (MeV)

113