

Program EVALPLOT
(Version 2021-1)

by

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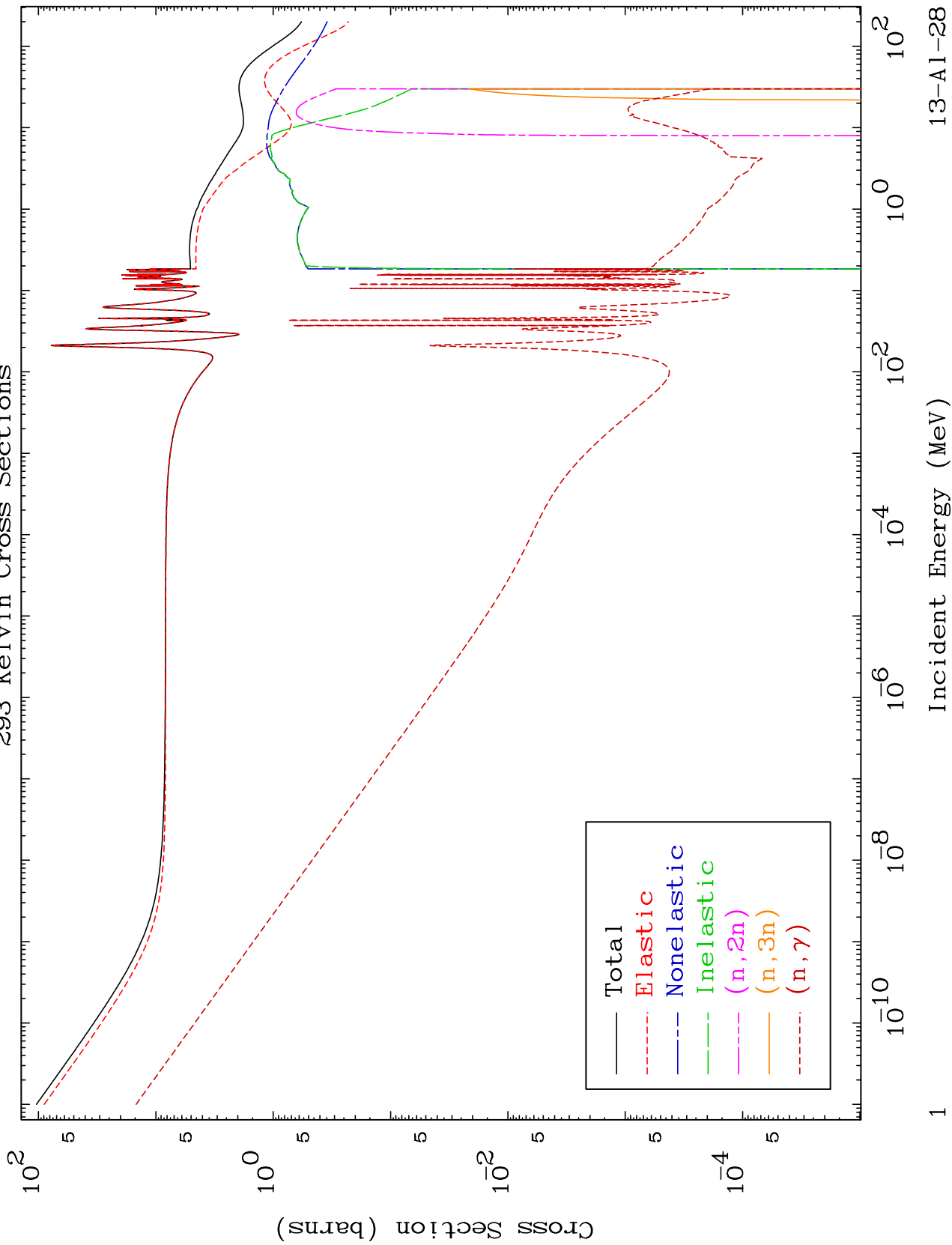
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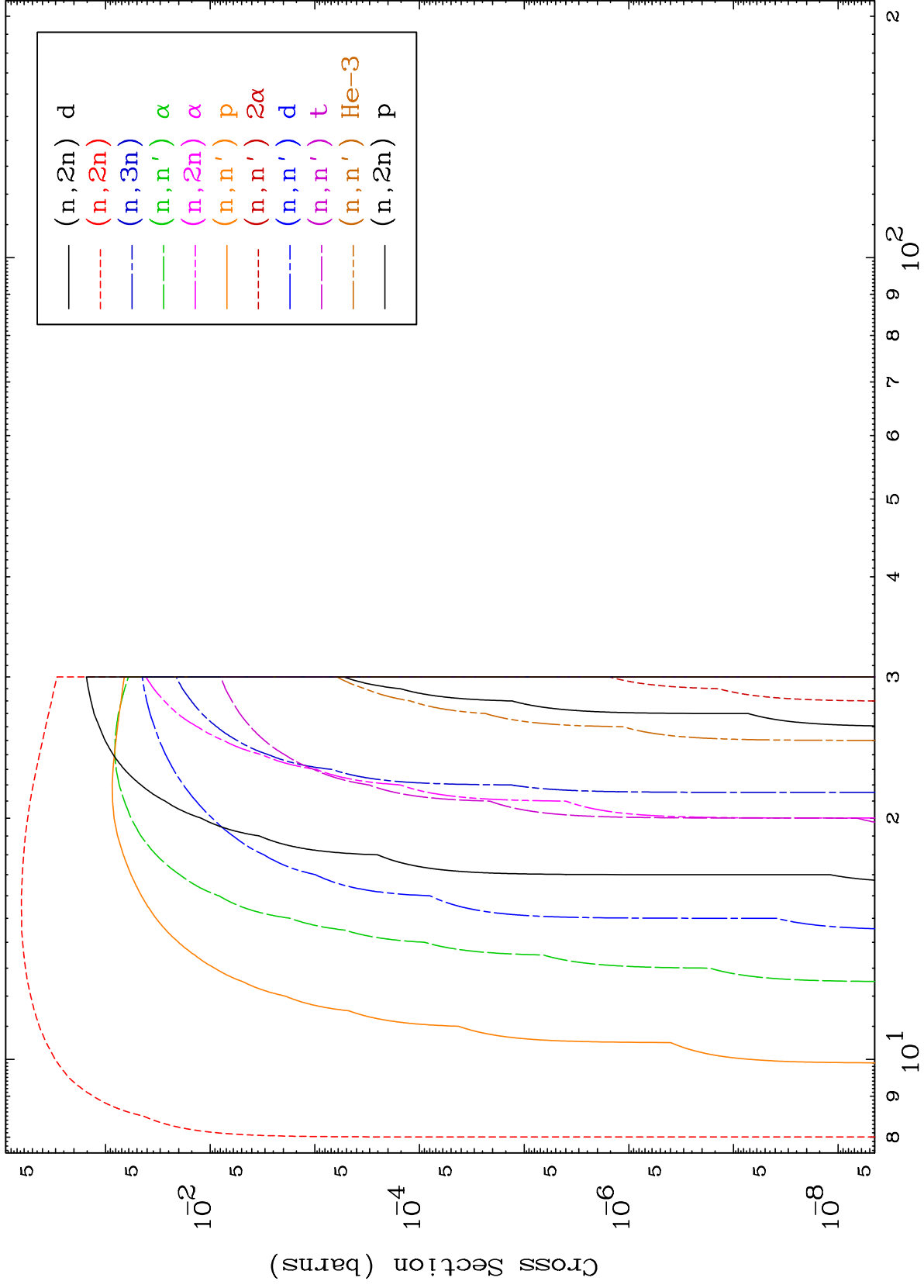
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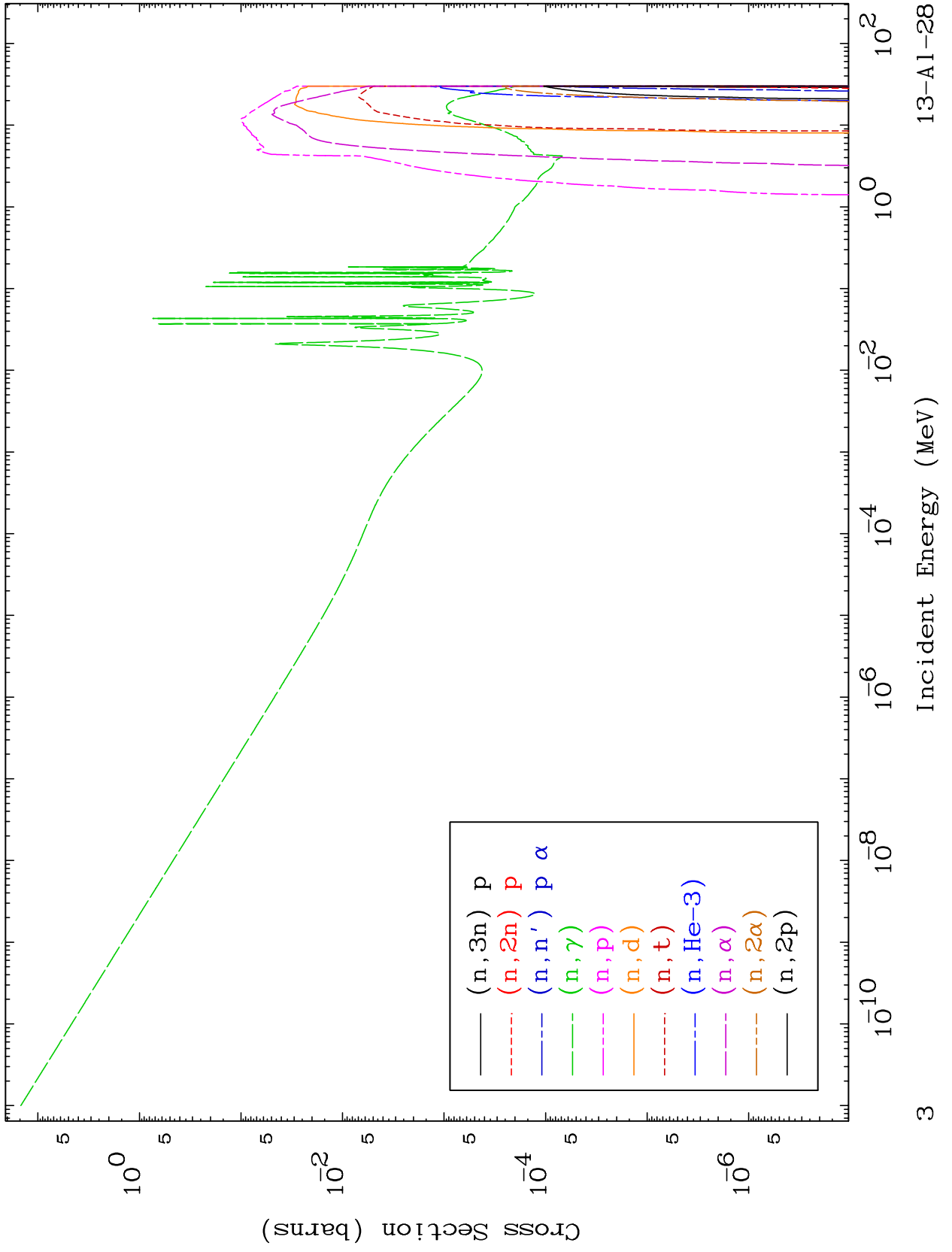
MAT 1328

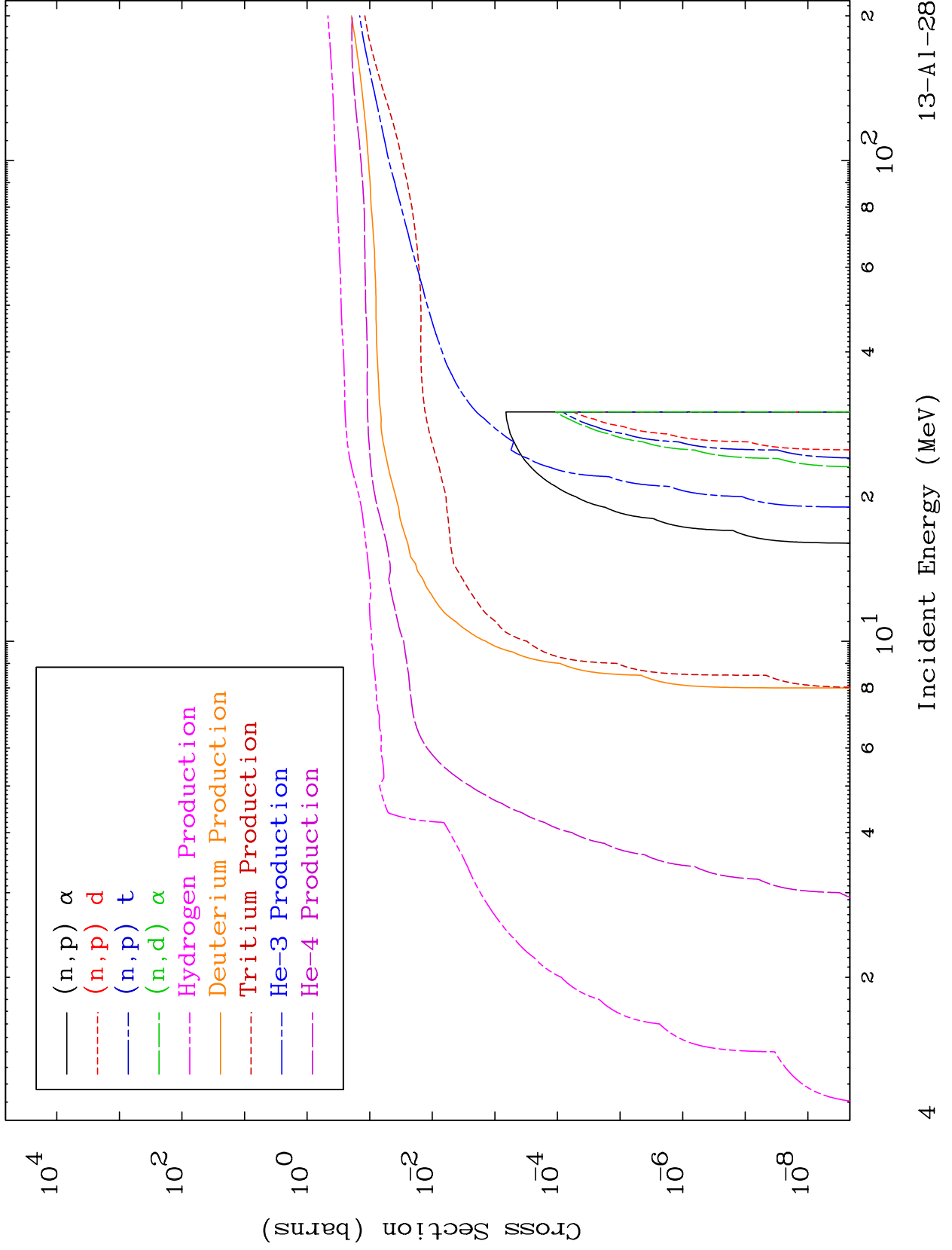
Neutron Major
293 Kelvin Cross Sections

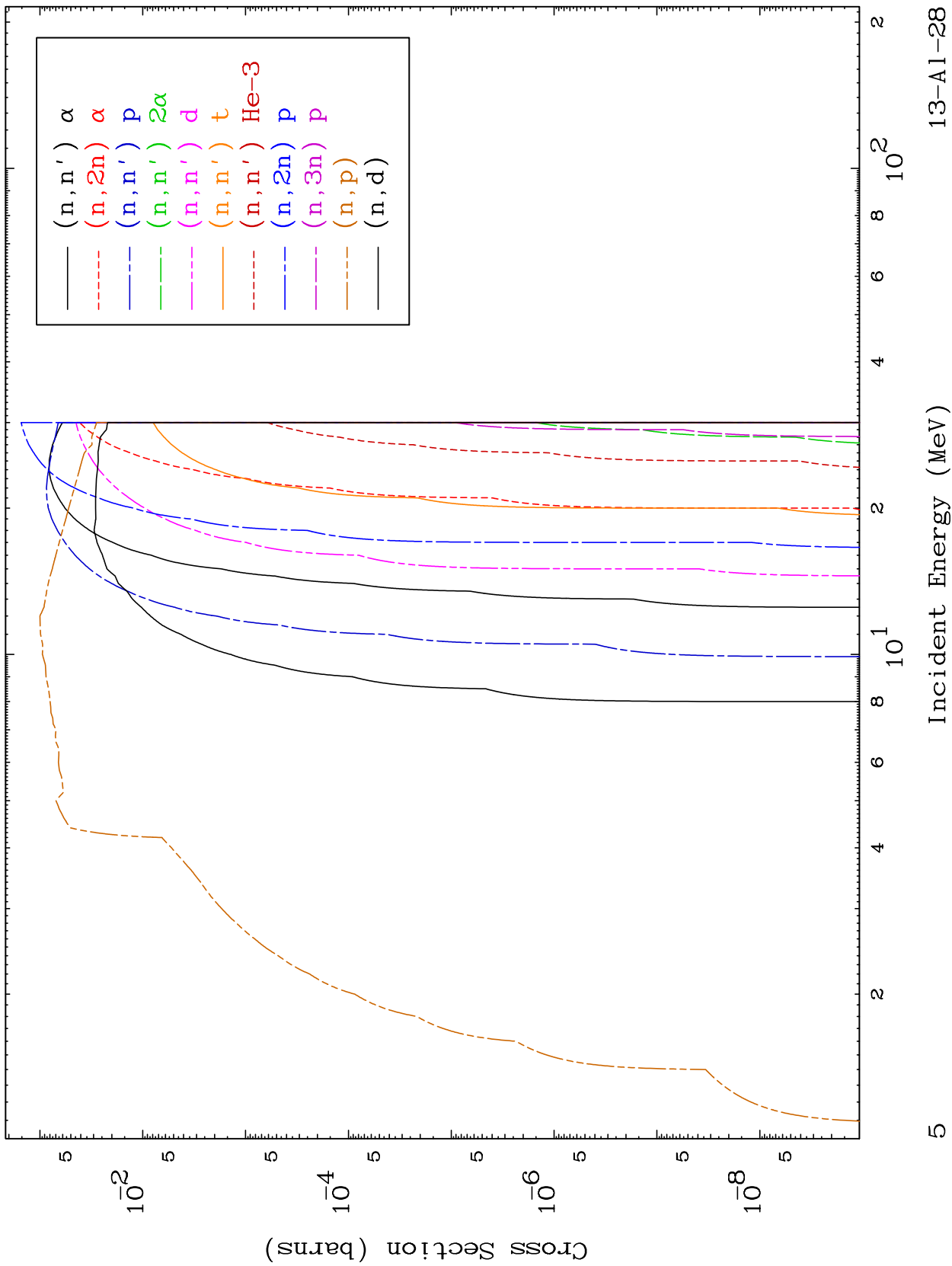
13-Al-28

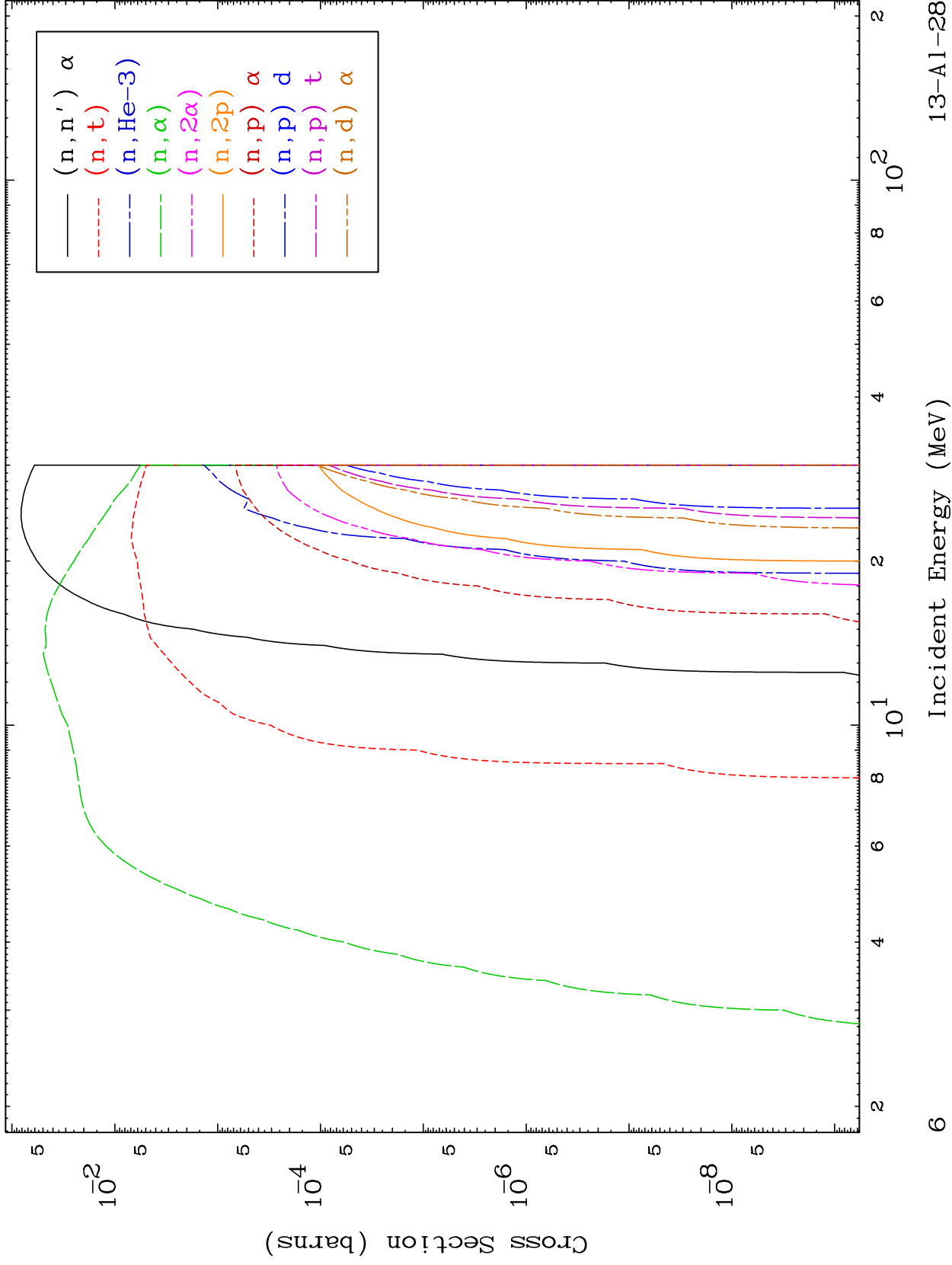


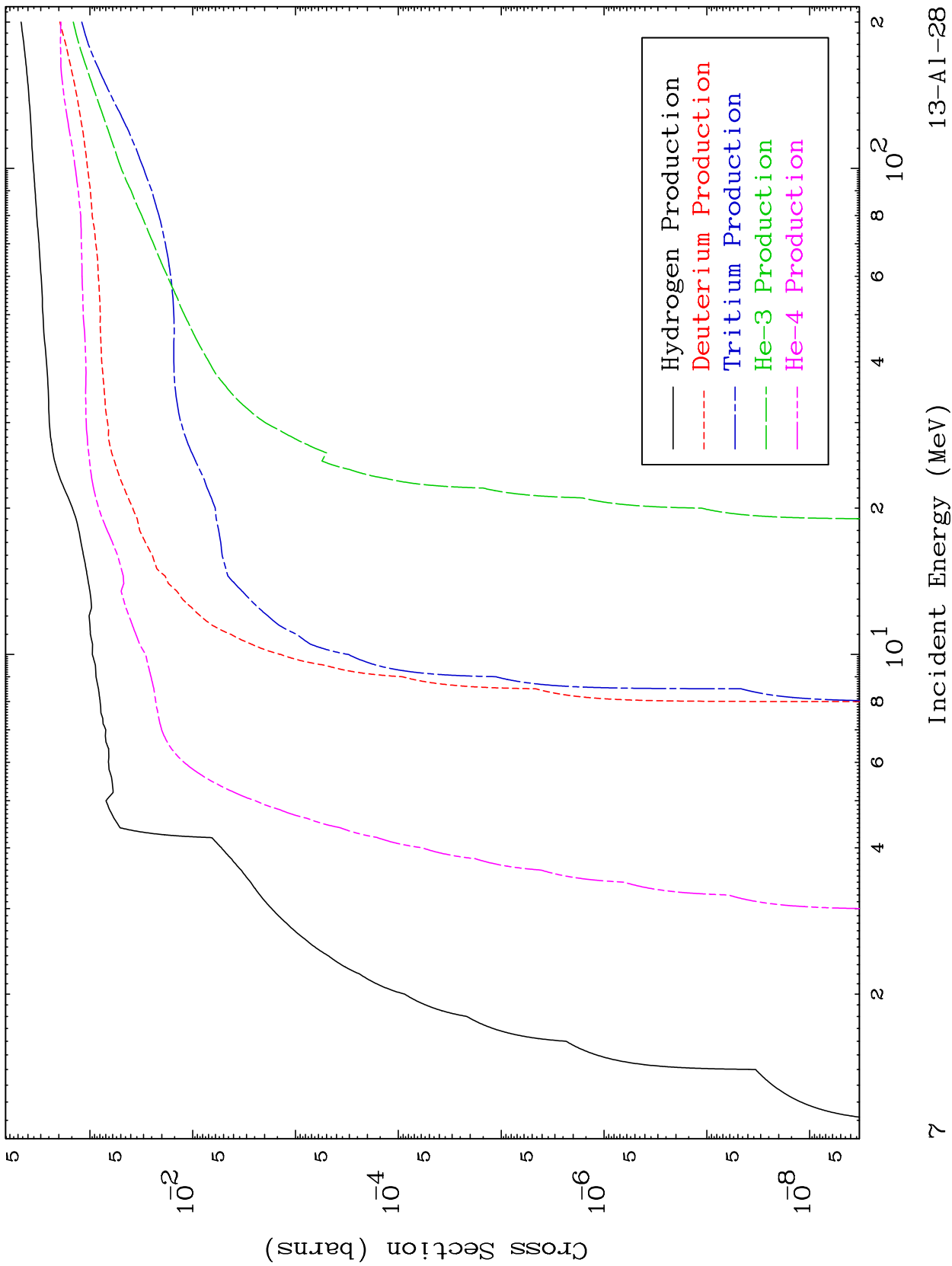


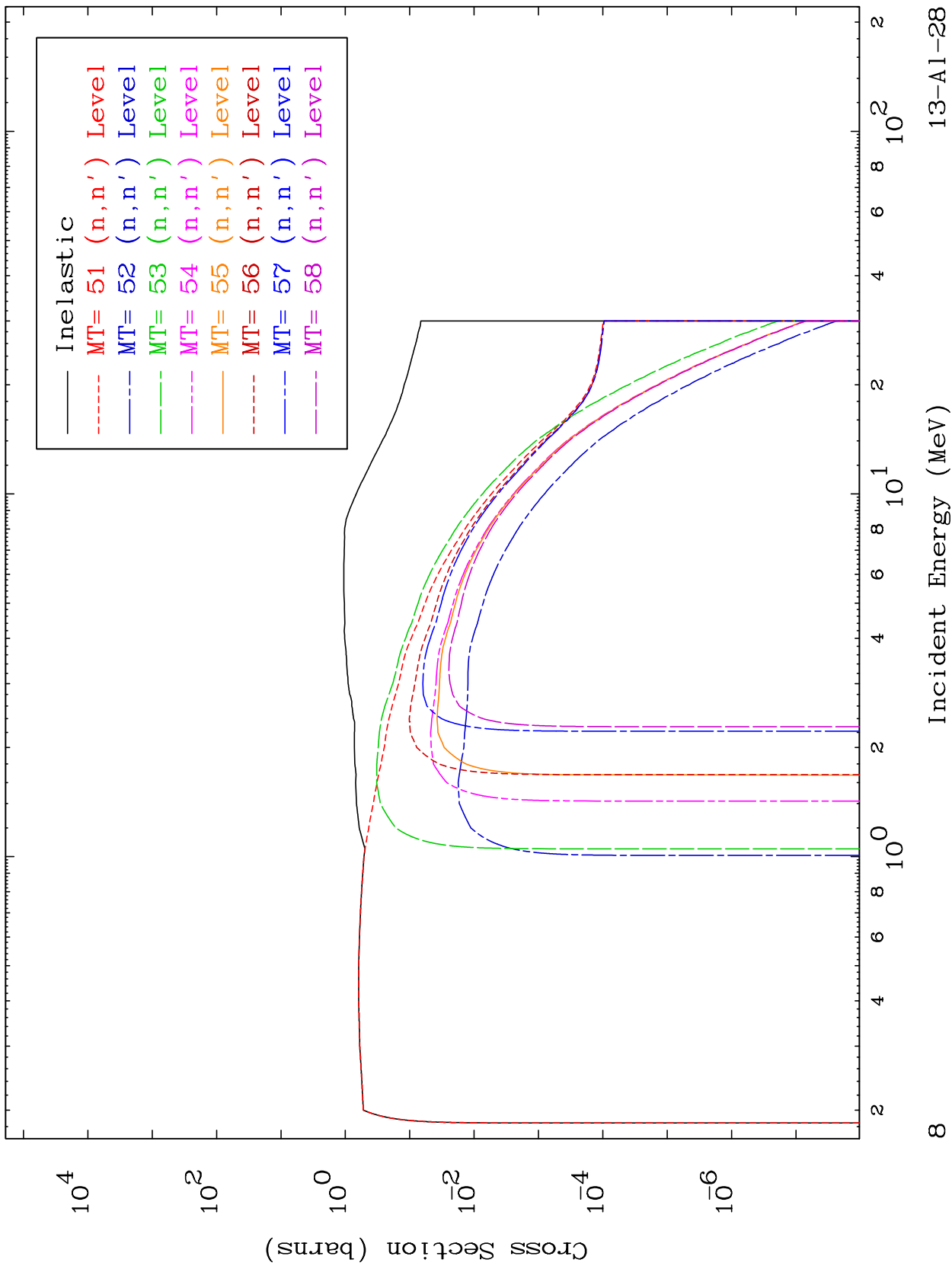


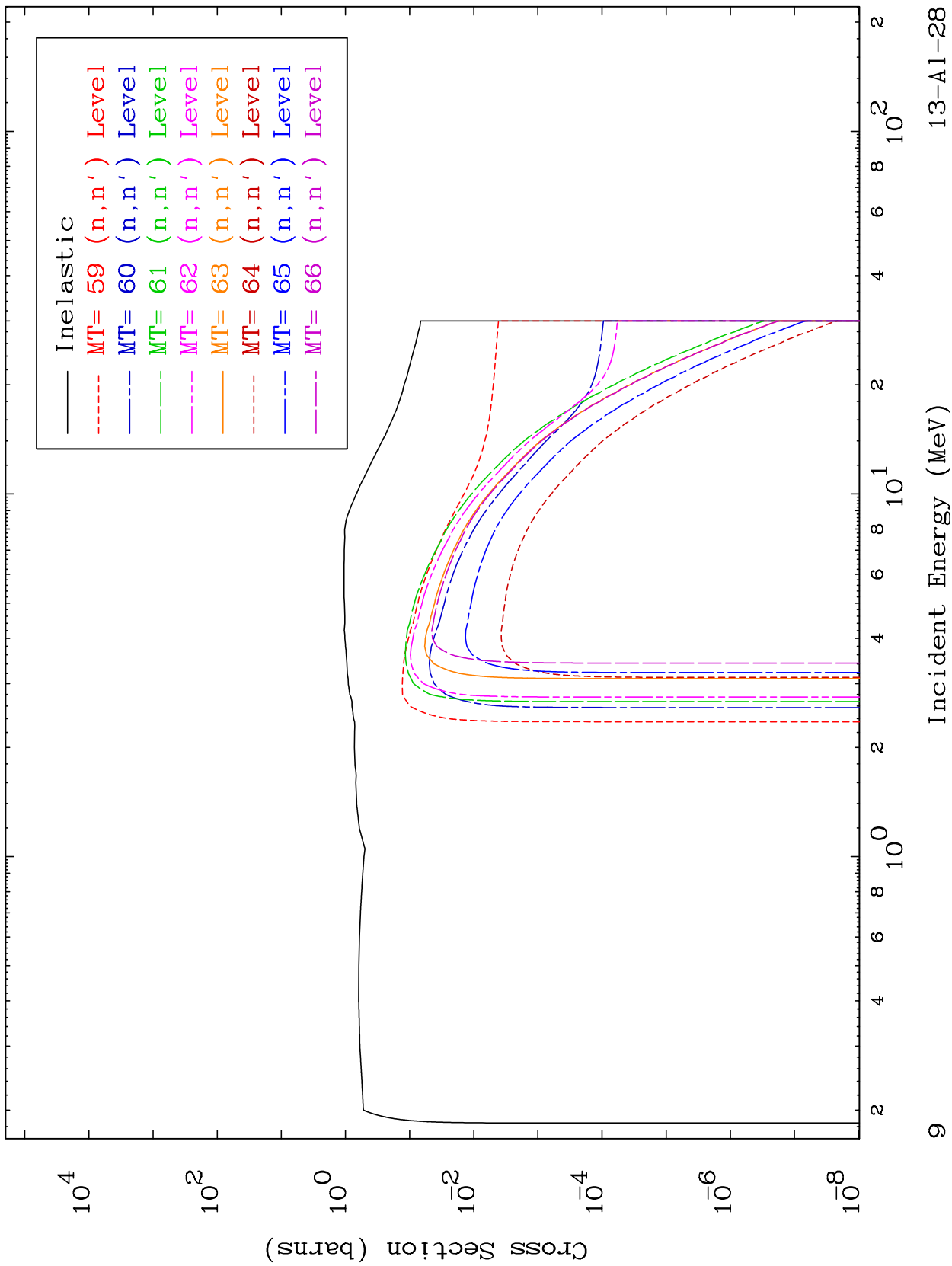








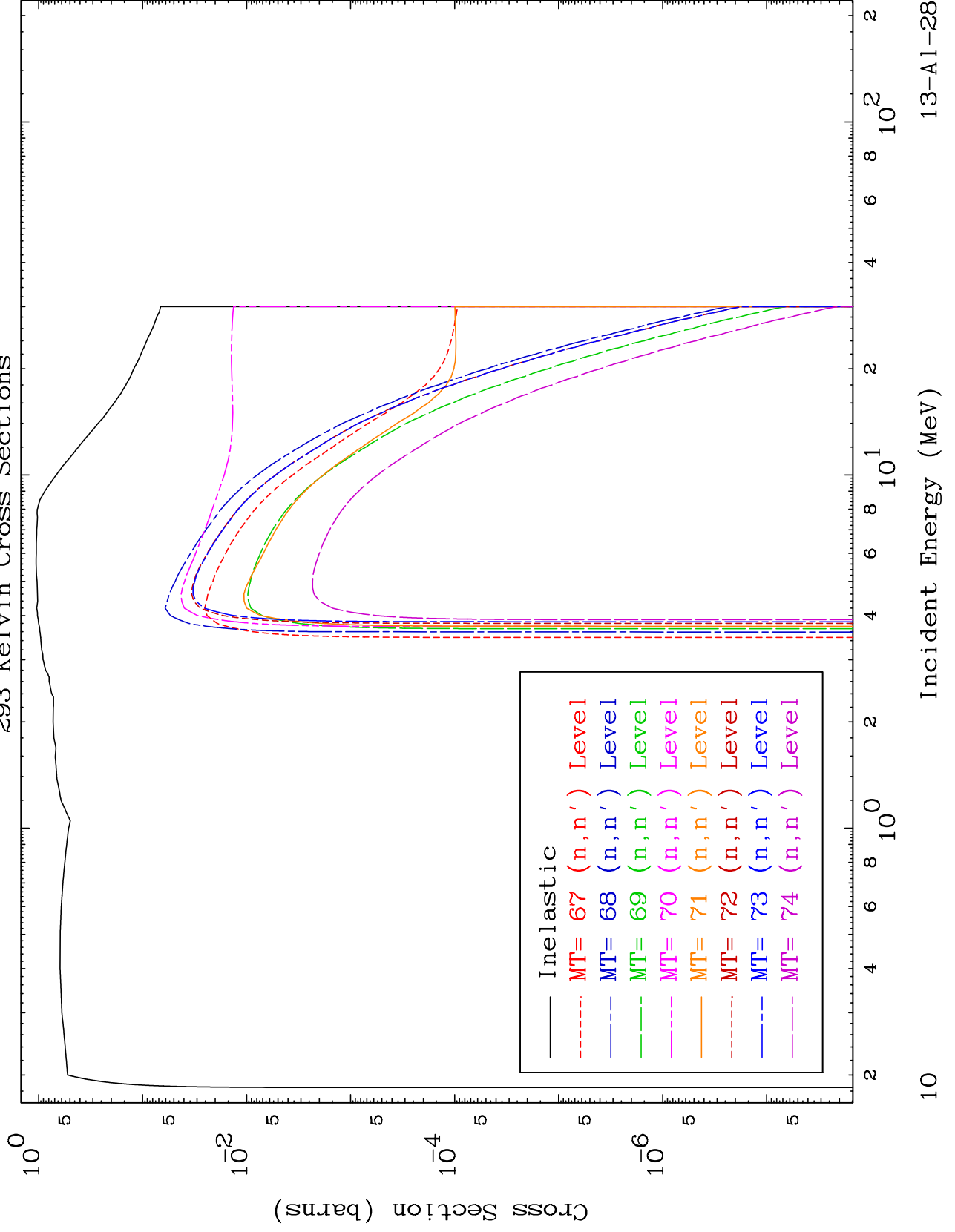




MAT 1328

(n,n') Levels
293 Kelvin Cross Sections

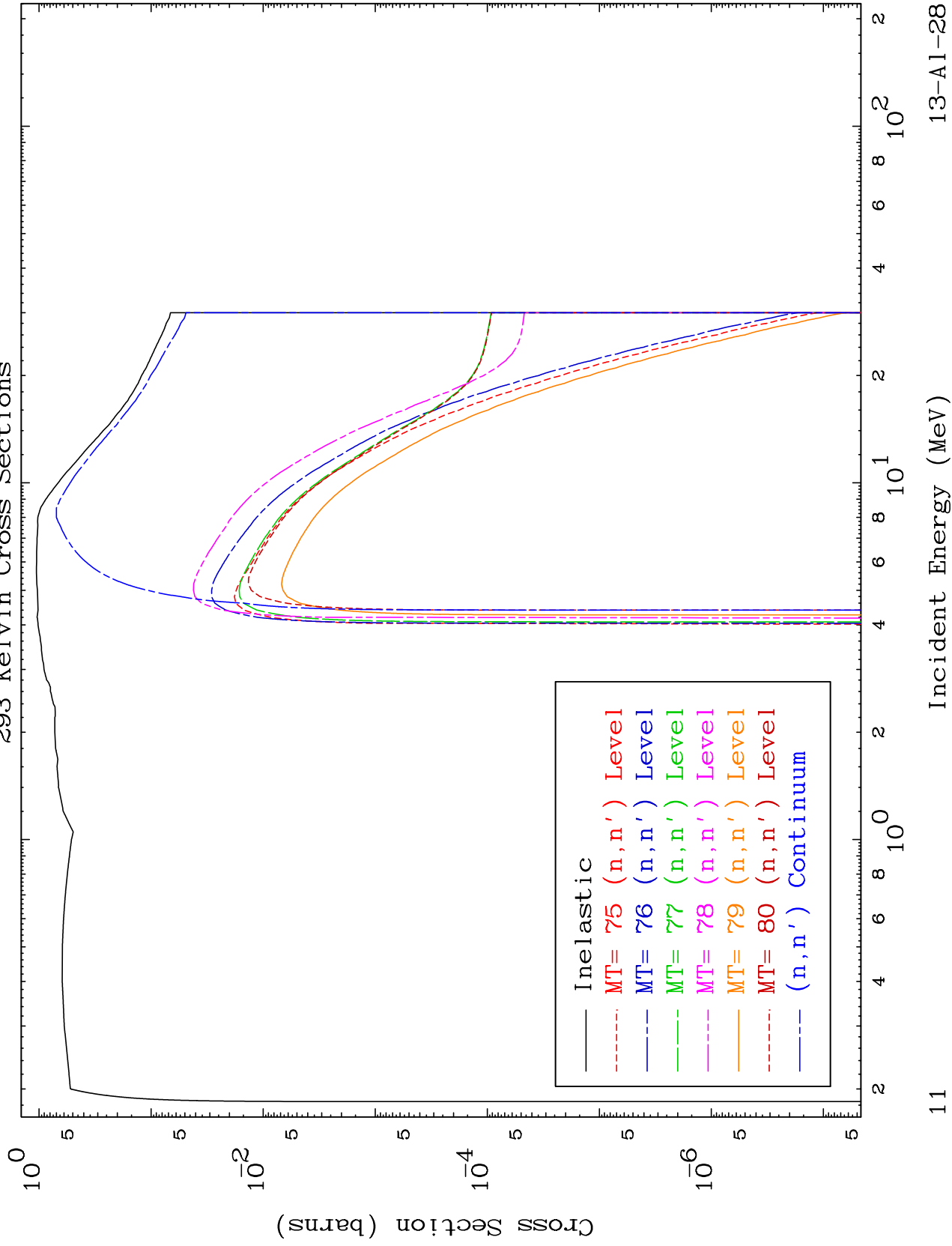
13-Al-28



10

Incident Energy (MeV)

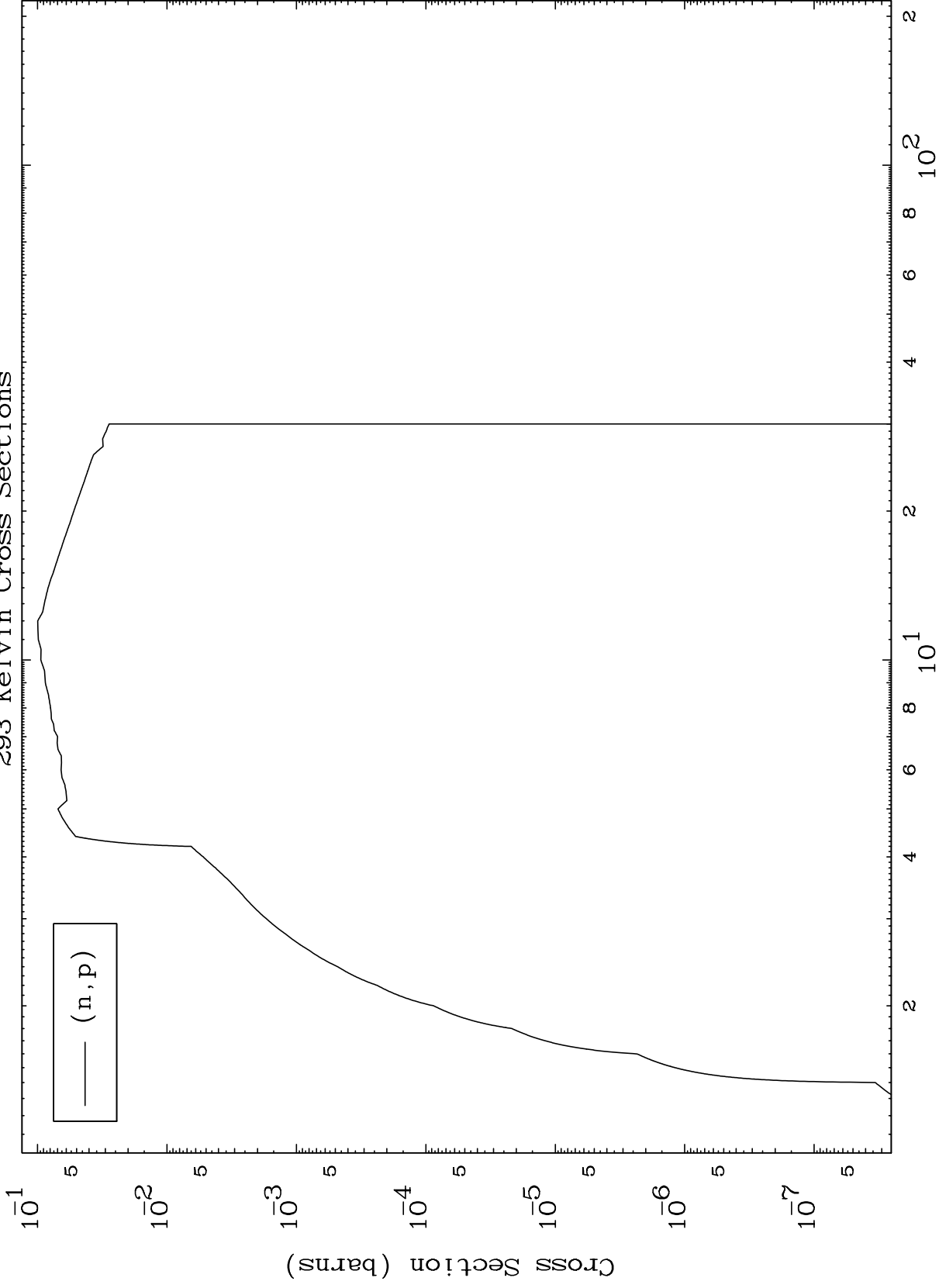
13-Al-28



MAT 1328

(n,p) Levels
293 Kelvin Cross Sections

13-Al-28



12

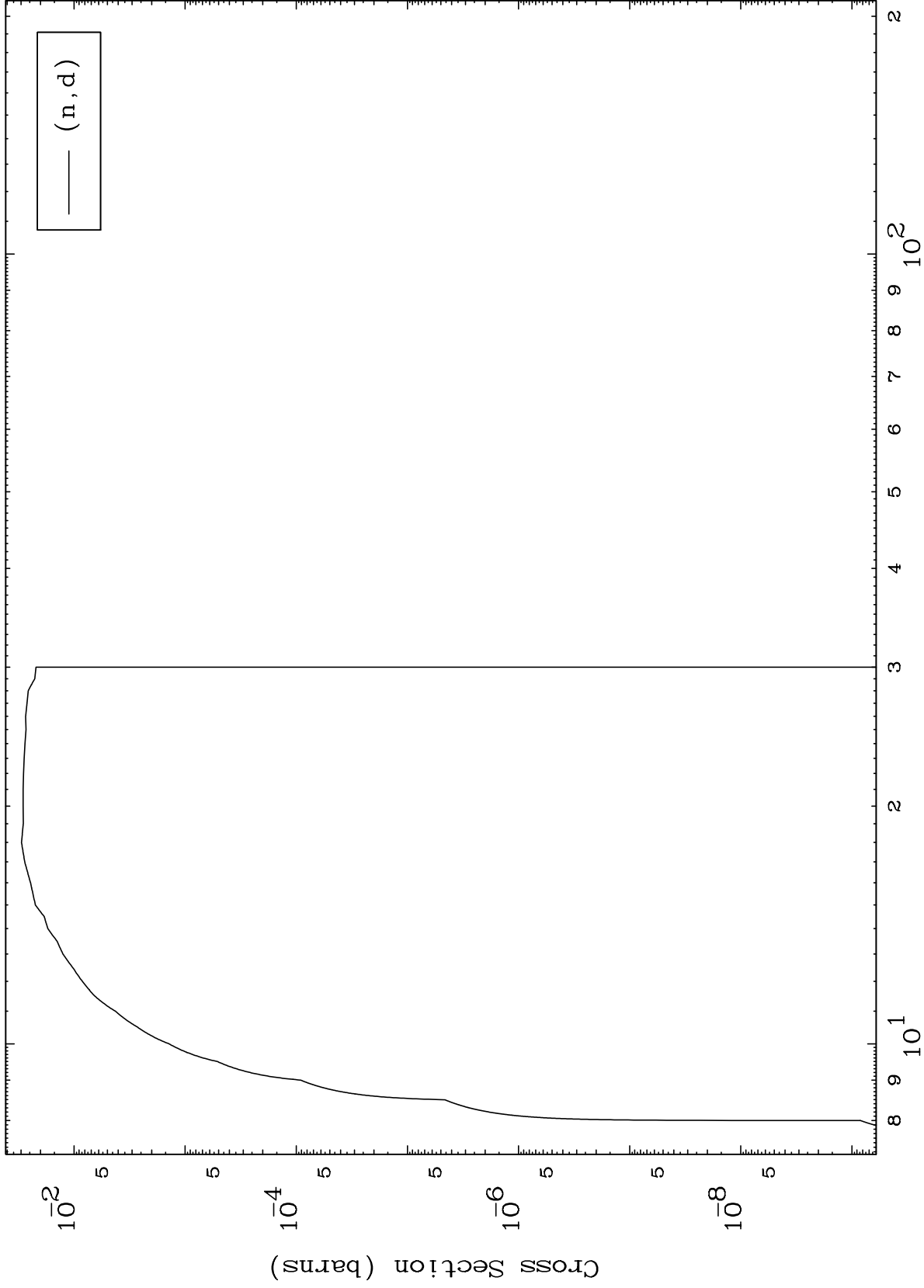
Incident Energy (MeV)

13-Al-28

MAT 1328

(n,d) Levels
293 Kelvin Cross Sections

13-Al-28



13

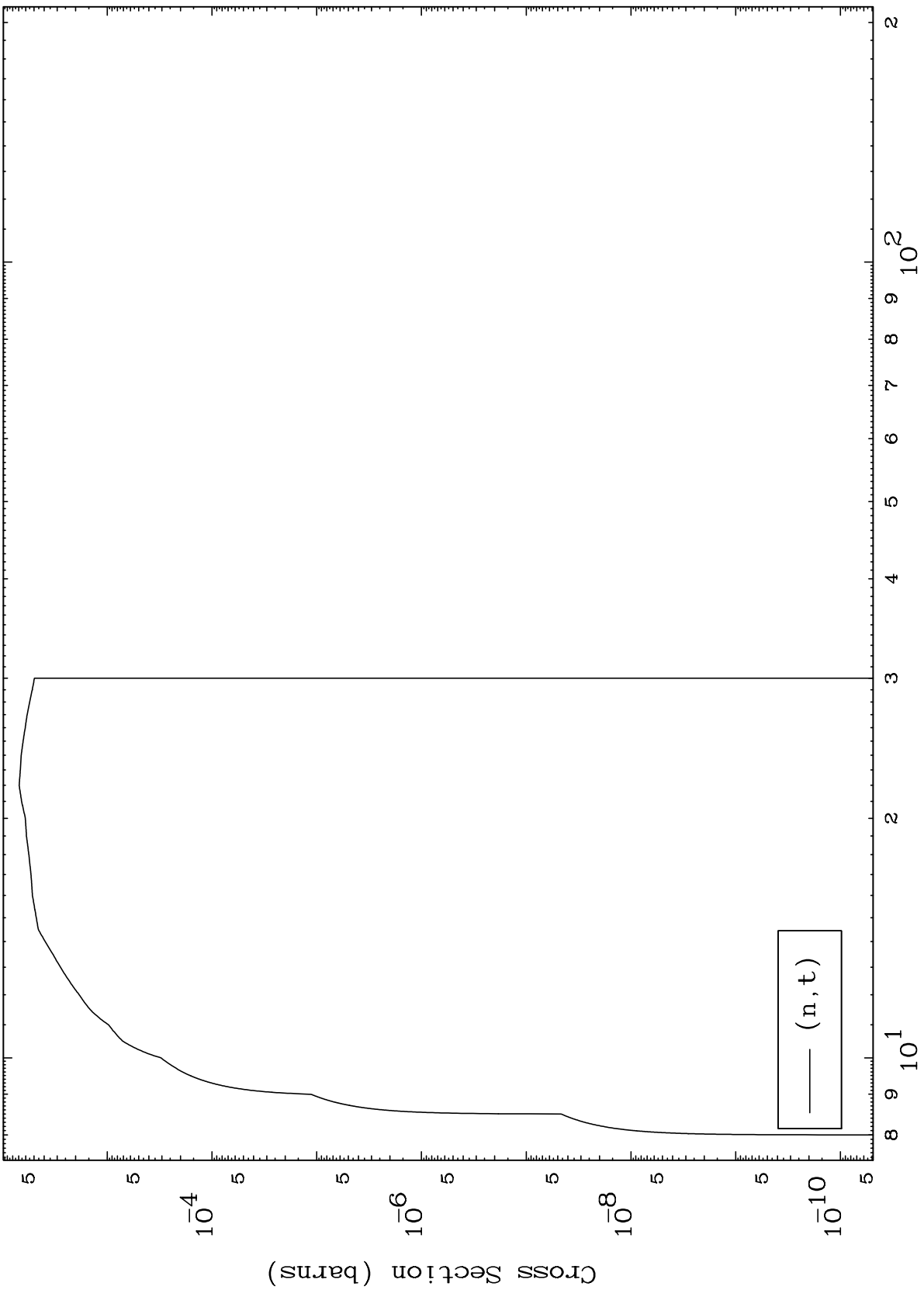
Incident Energy (MeV)

13-Al-28

MAT 1328

13-Al-28

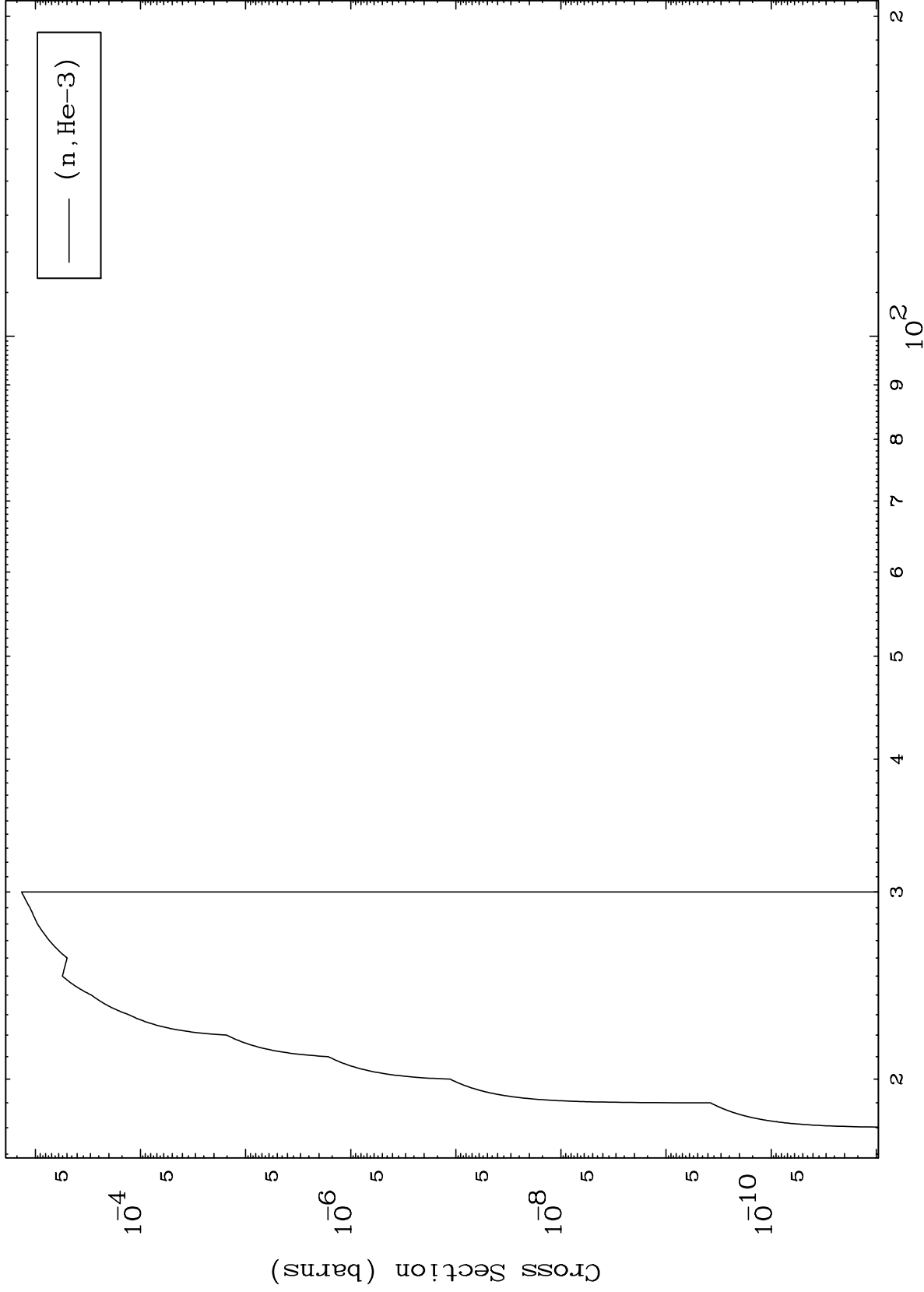
(n,t) Levels
293 Kelvin Cross Sections



13-Al-28

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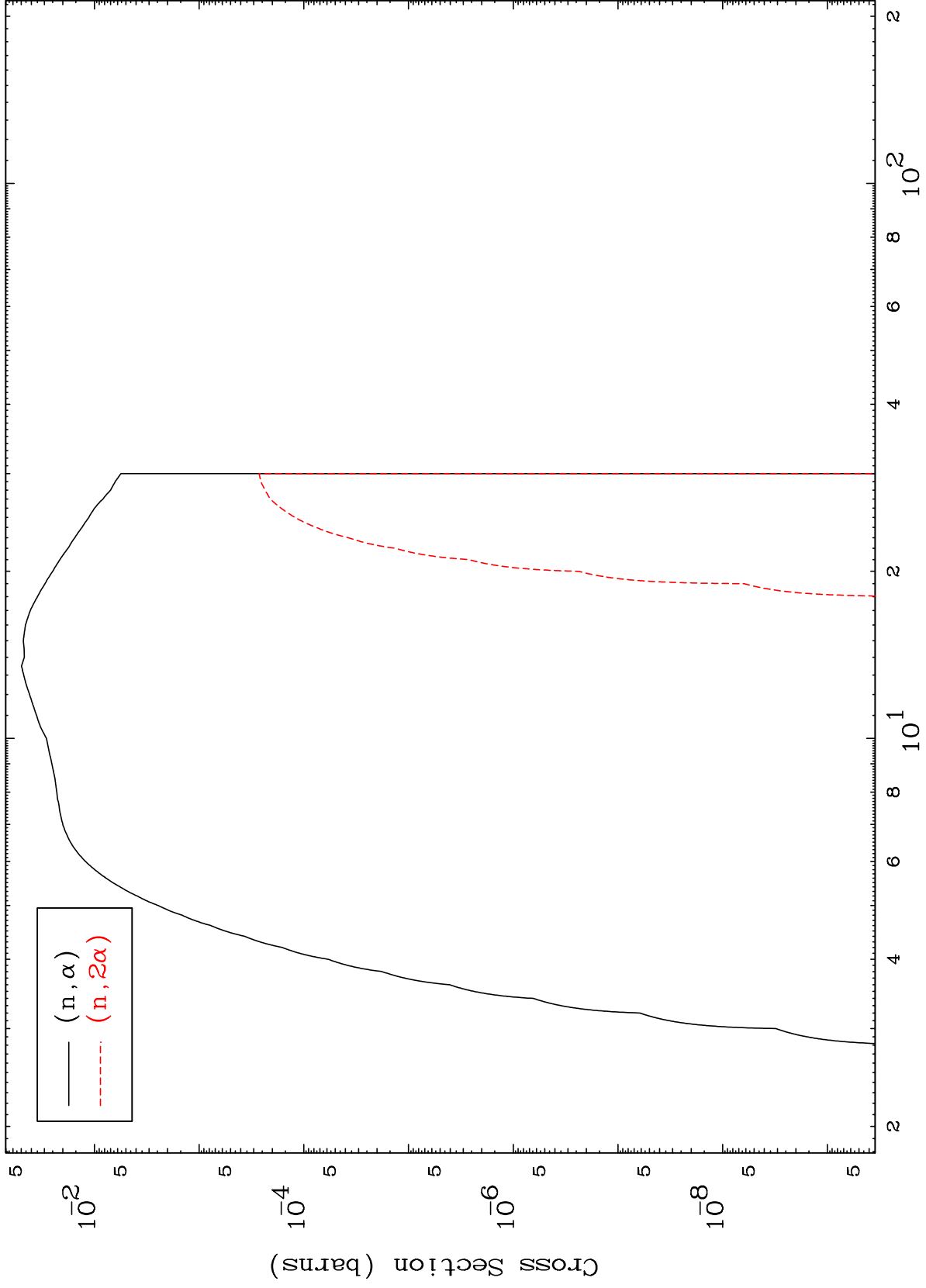
14



MAT 1328

(n, α) Levels
293 Kelvin Cross Sections

13-Al-28



16

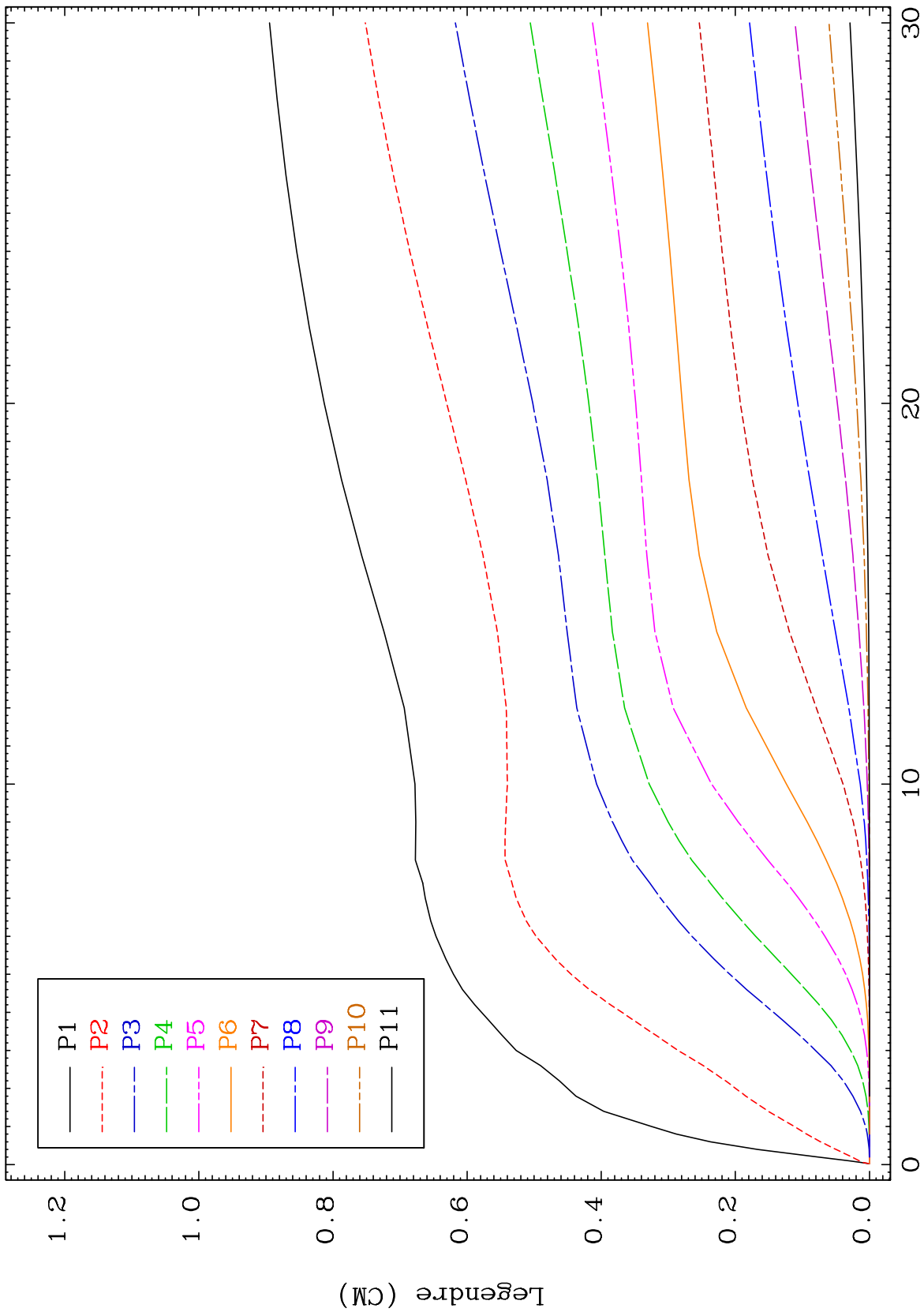
Incident Energy (MeV)

13-Al-28

MAT 1328

Elastic Legendre Coefficients

13-Al-28



17

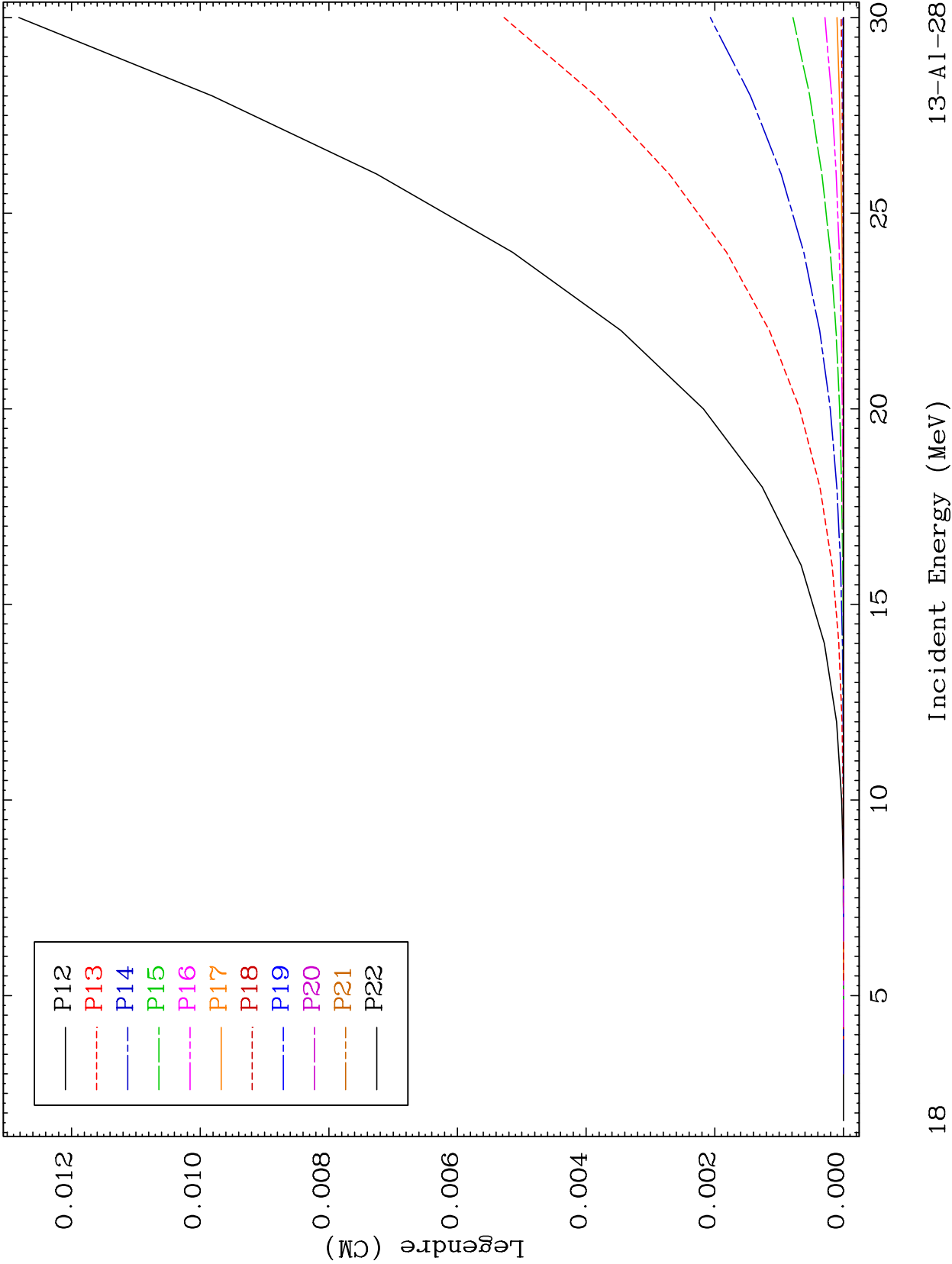
Incident Energy (MeV)

13-Al-28

MAT 1328

Elastic Legendre Coefficients

13-Al-28



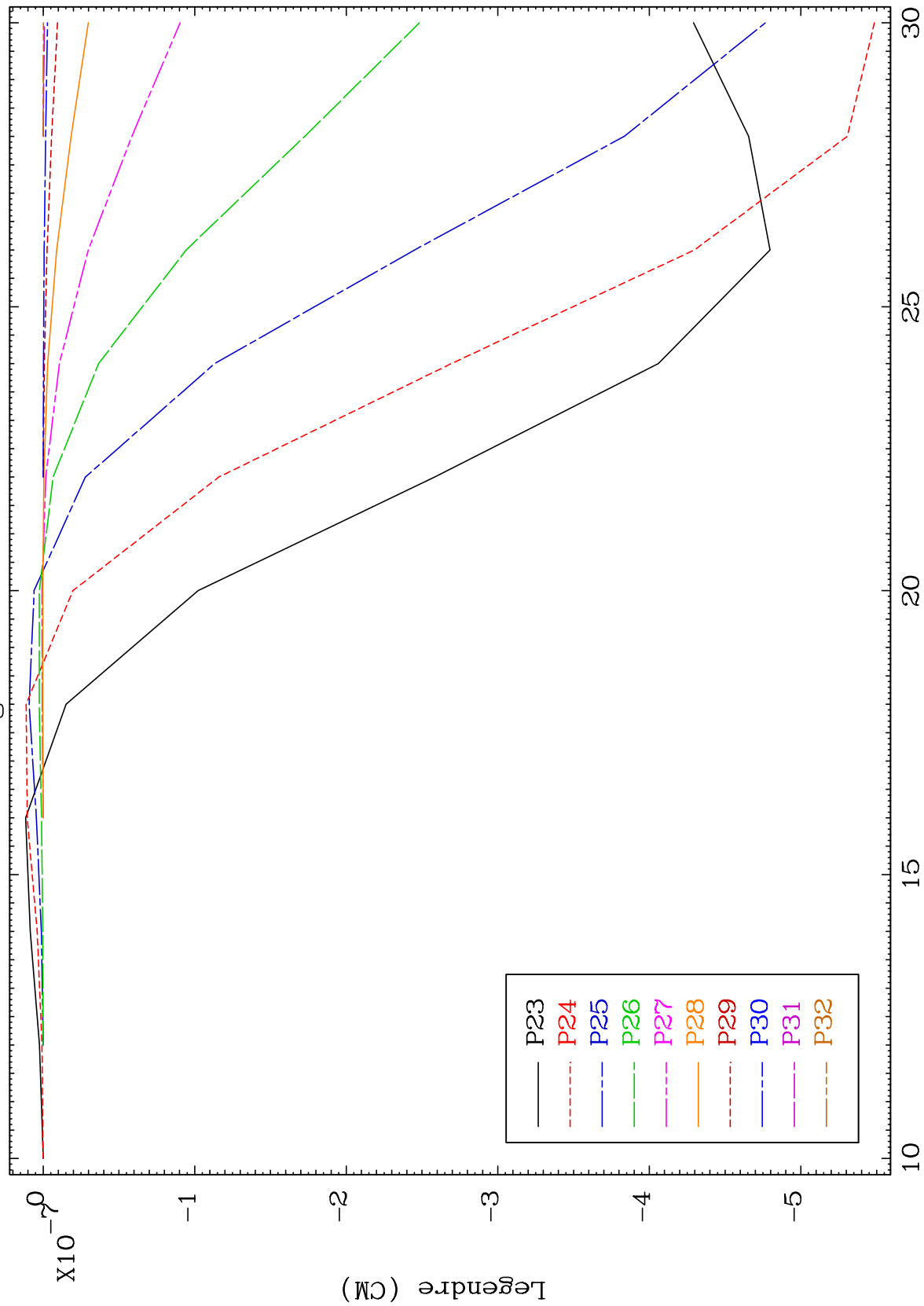
18

13-Al-28

MAT 1328

Elastic Legendre Coefficients

13-Al-28



10

Incident Energy (MeV)

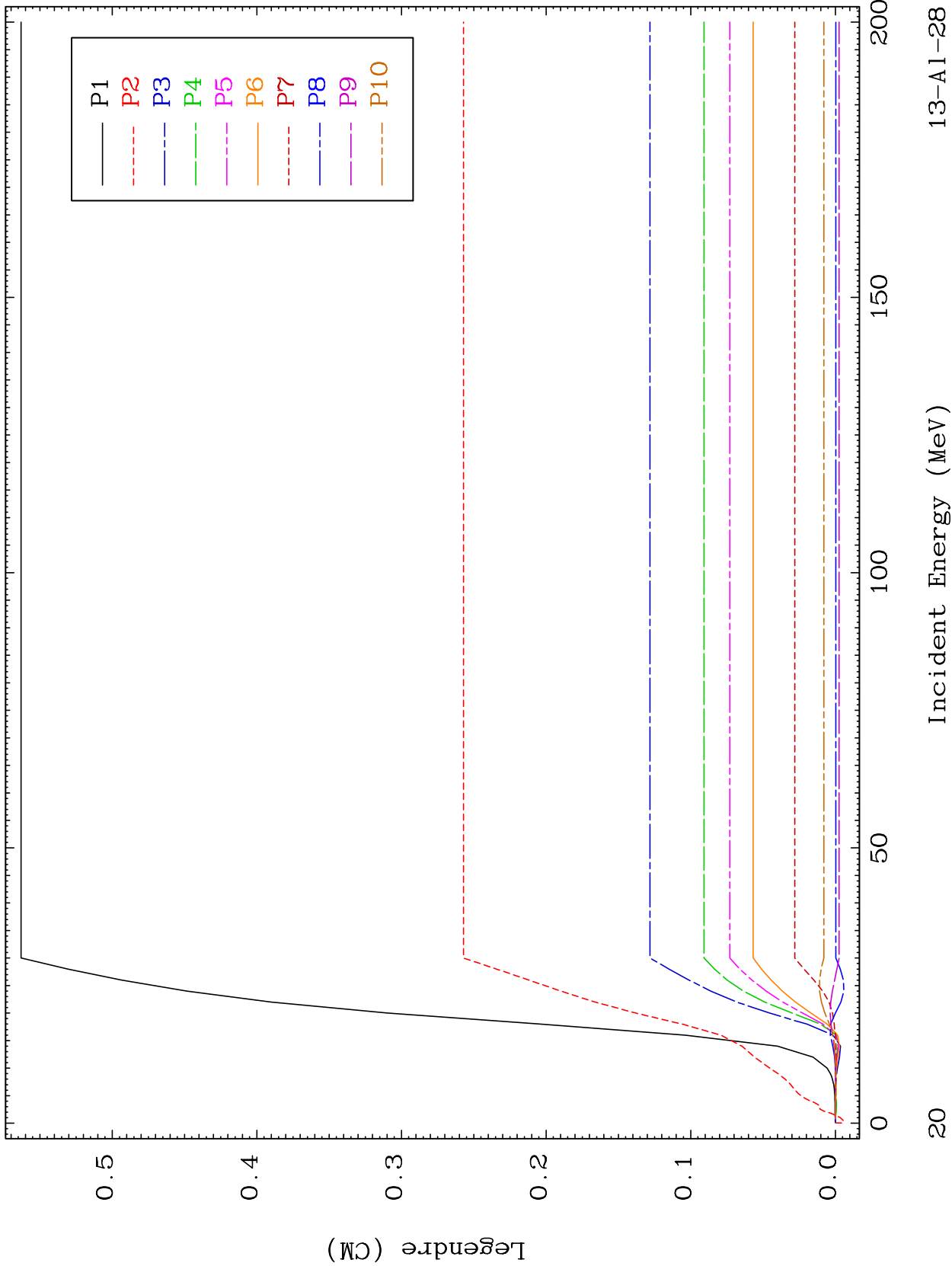
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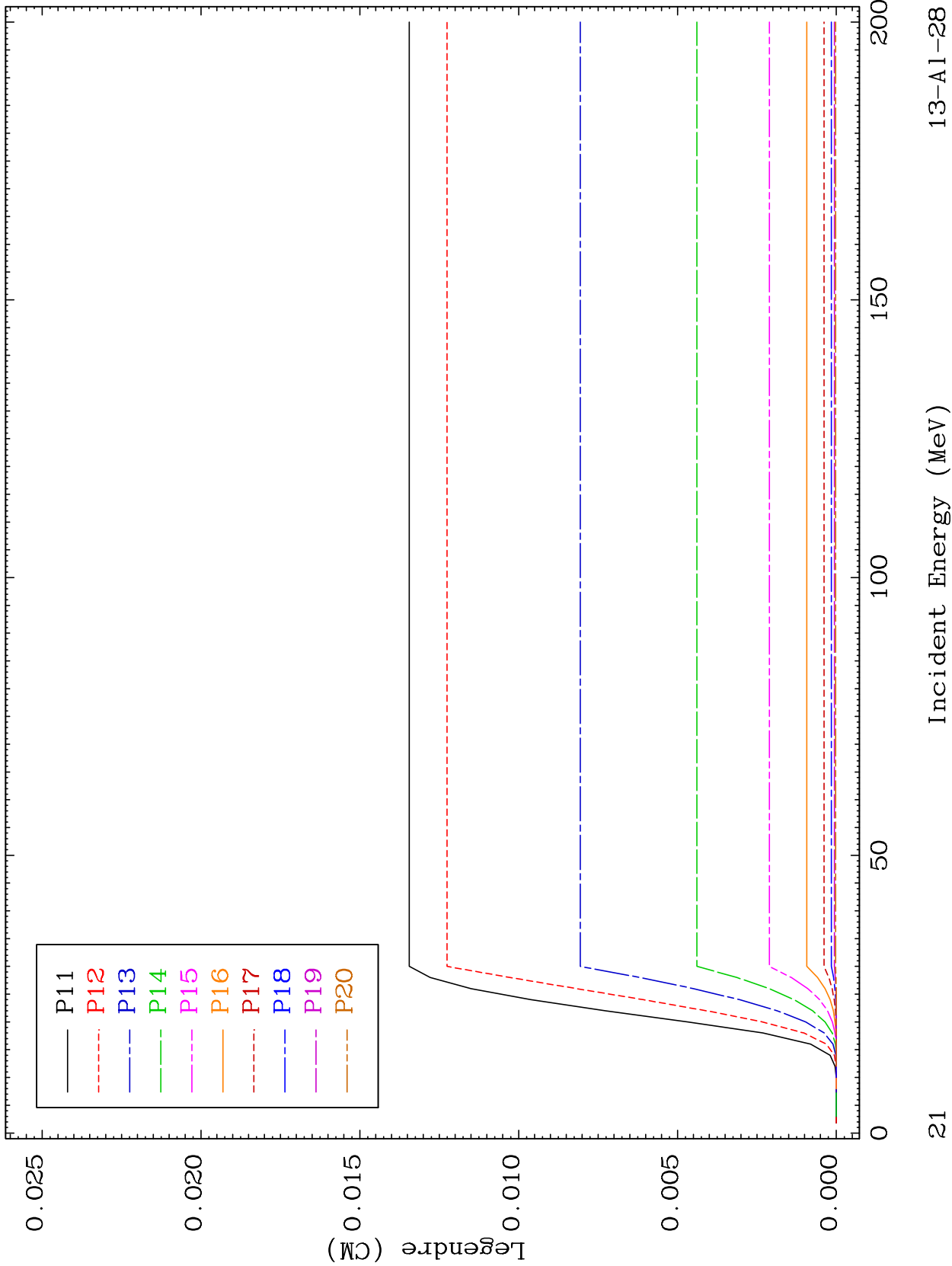
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MAT 1328

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

13-A1-28

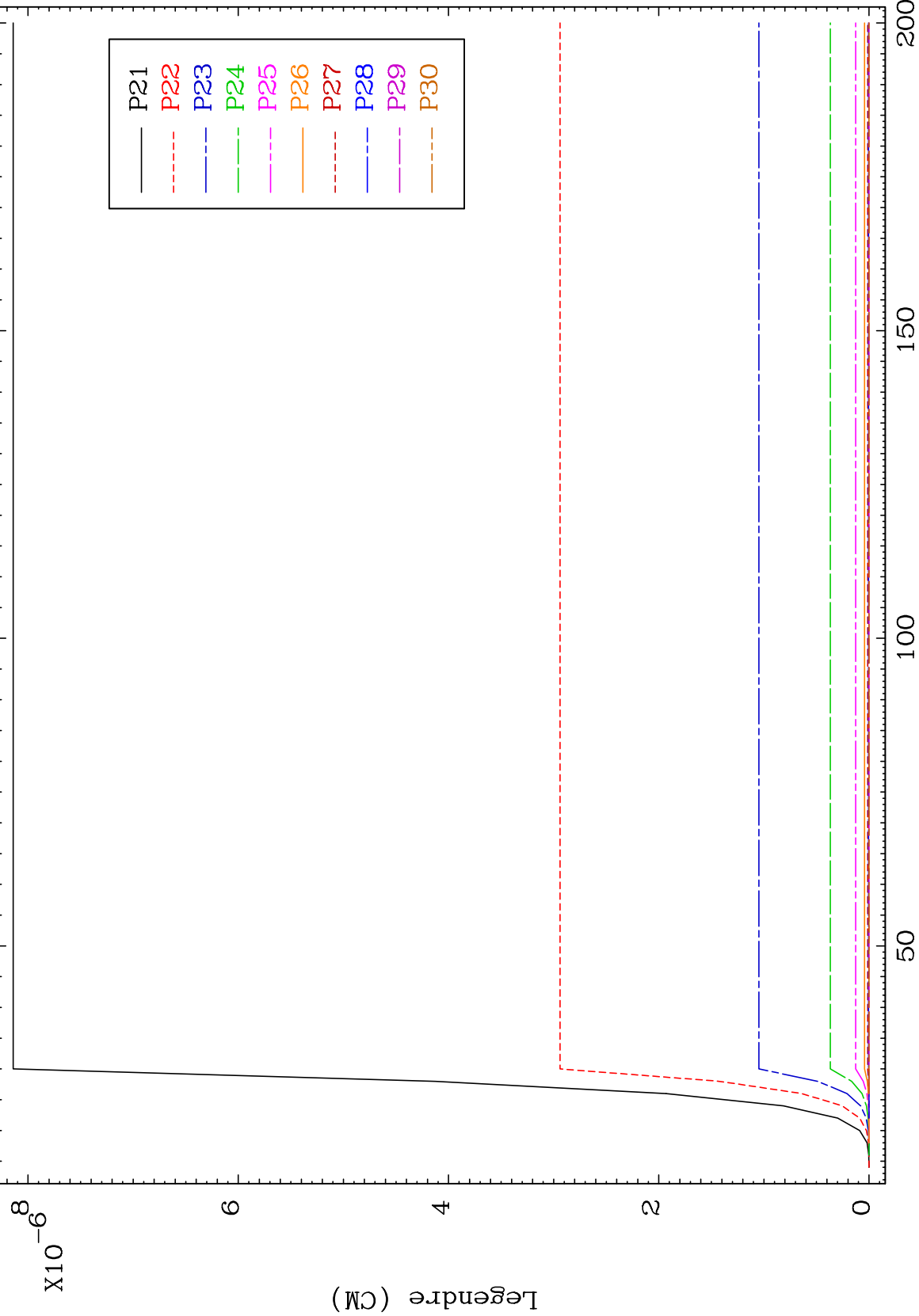




MAT 1328

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

13-Al-28



22

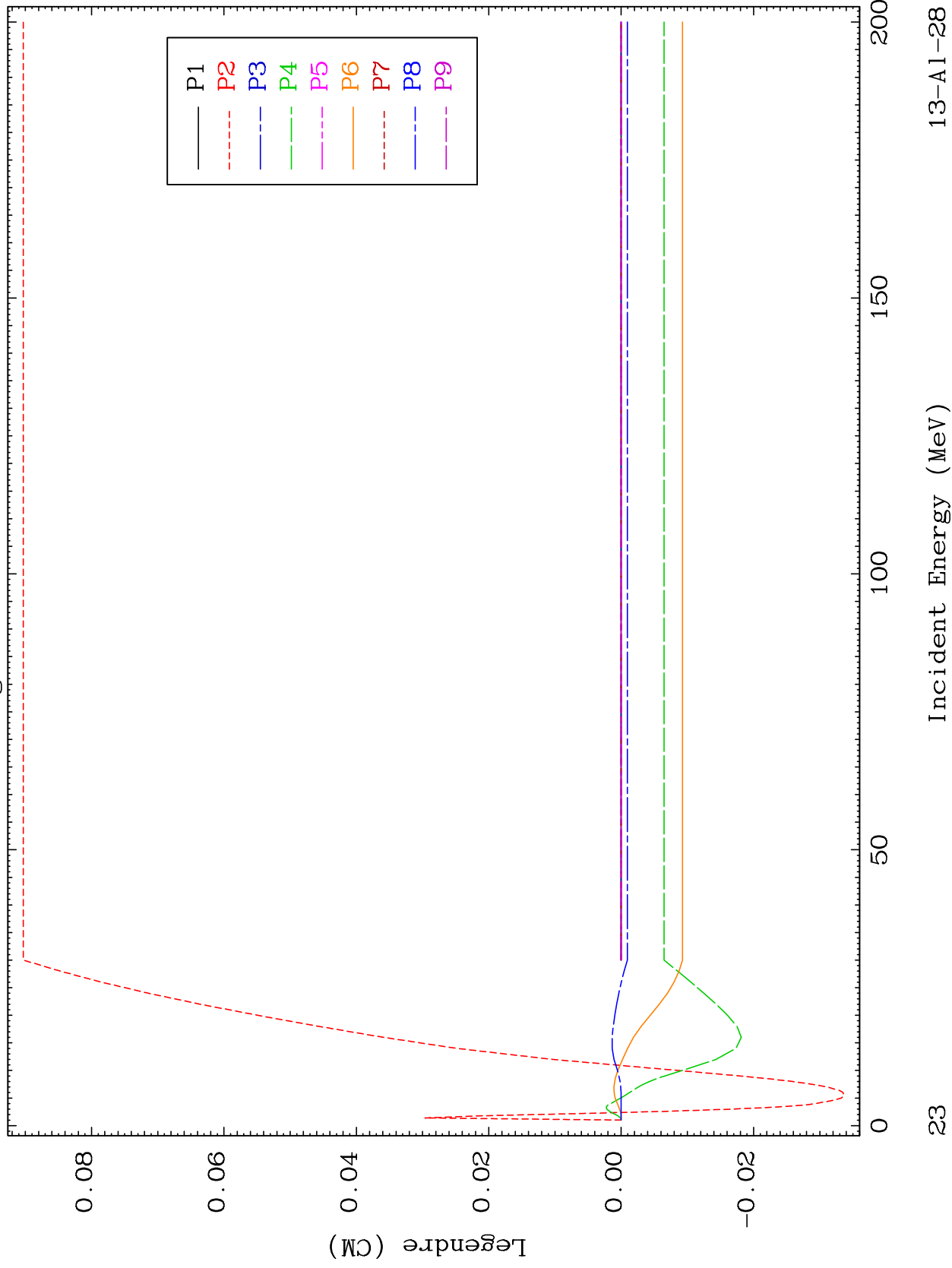
Incident Energy (MeV)

13-Al-28

MAT 1328

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

13-A1-28



13-A1-28

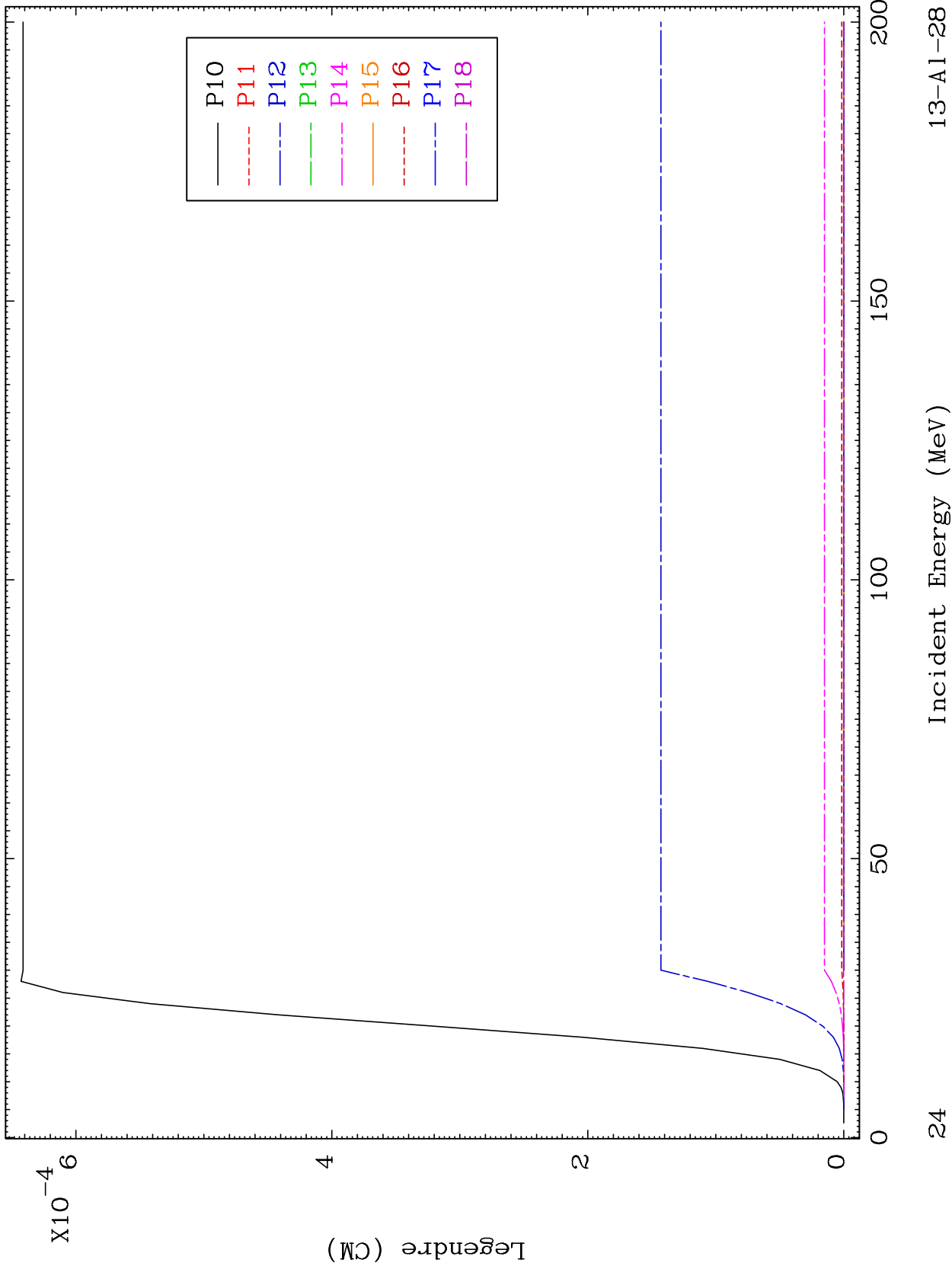
Incident Energy (MeV)

23

MAT 1328

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

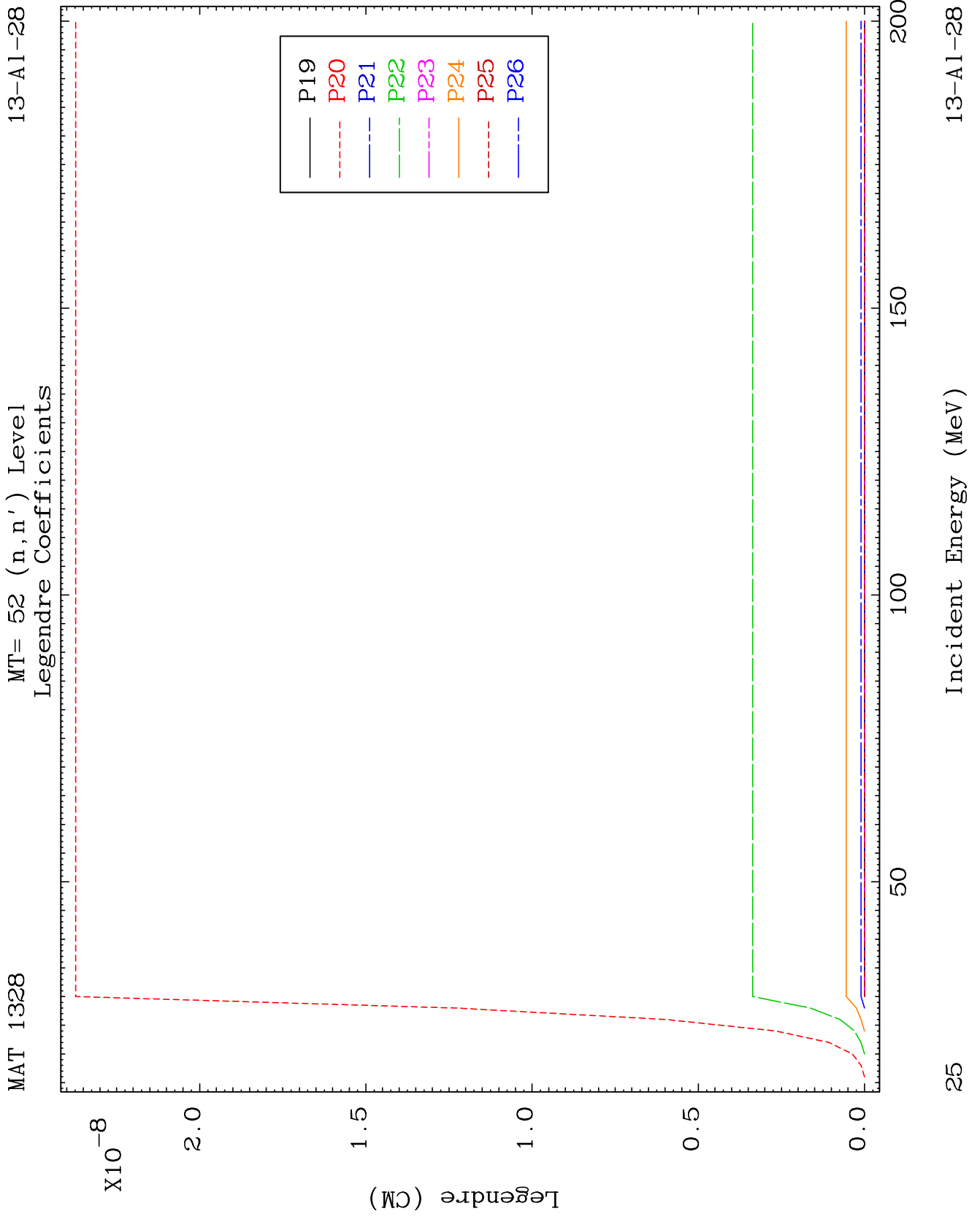
13-A1-28



24

Incident Energy (MeV)

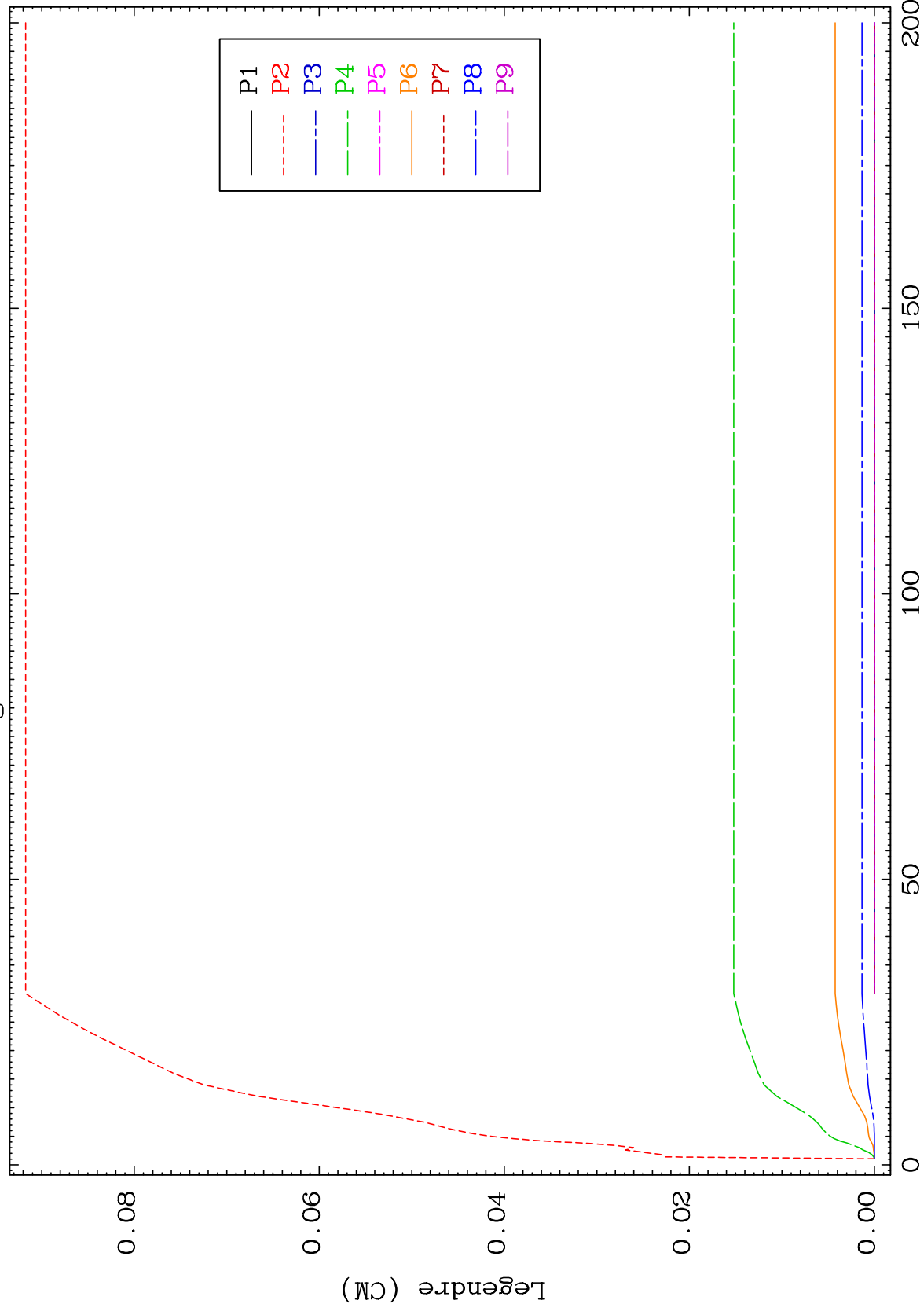
13-A1-28



MAT 1328

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

13-A1-28



26

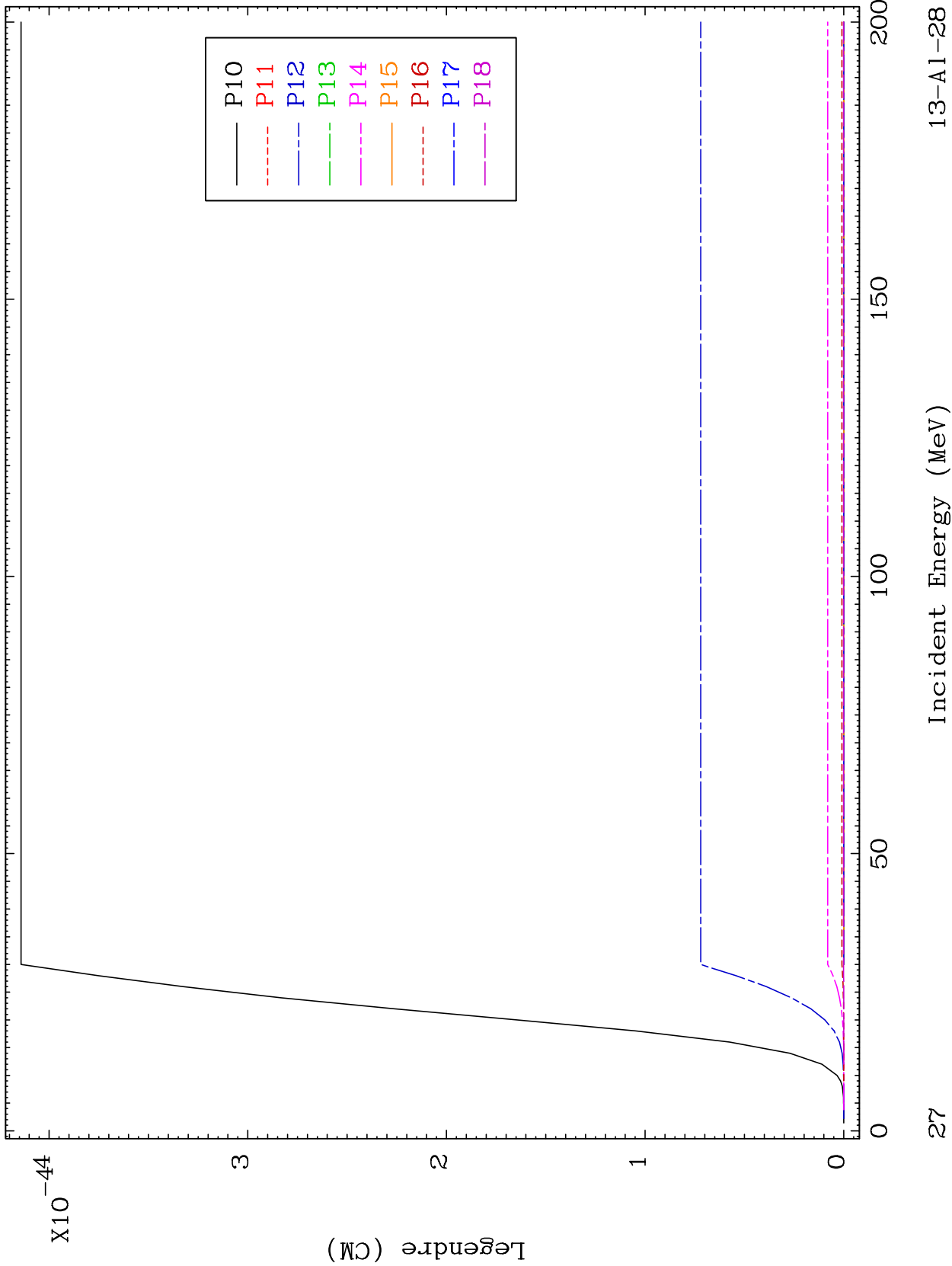
Incident Energy (MeV)

13-A1-28

MAT 1328

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

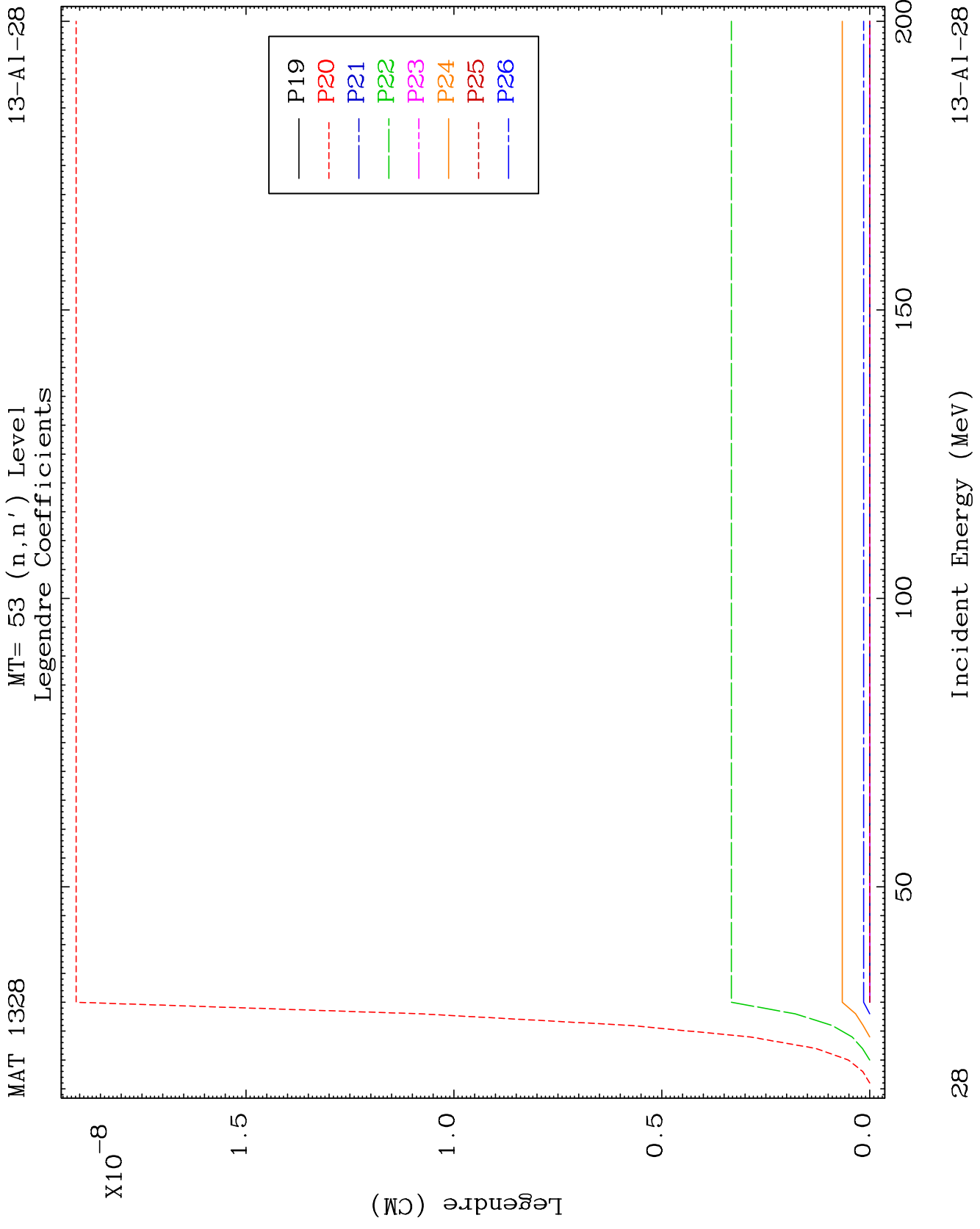
13-Al-28



13-Al-28

Incident Energy (MeV)

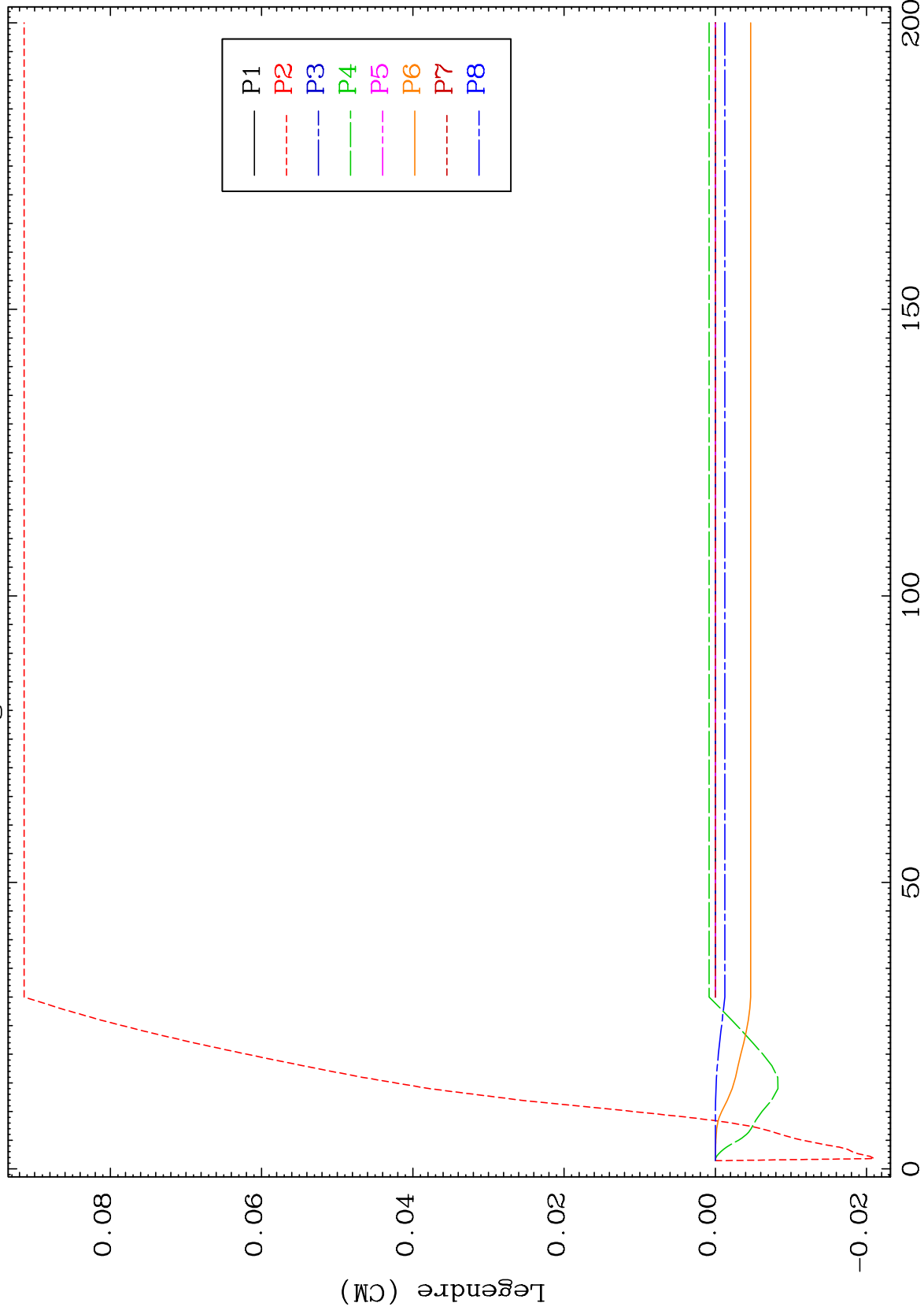
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MAT 1328

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

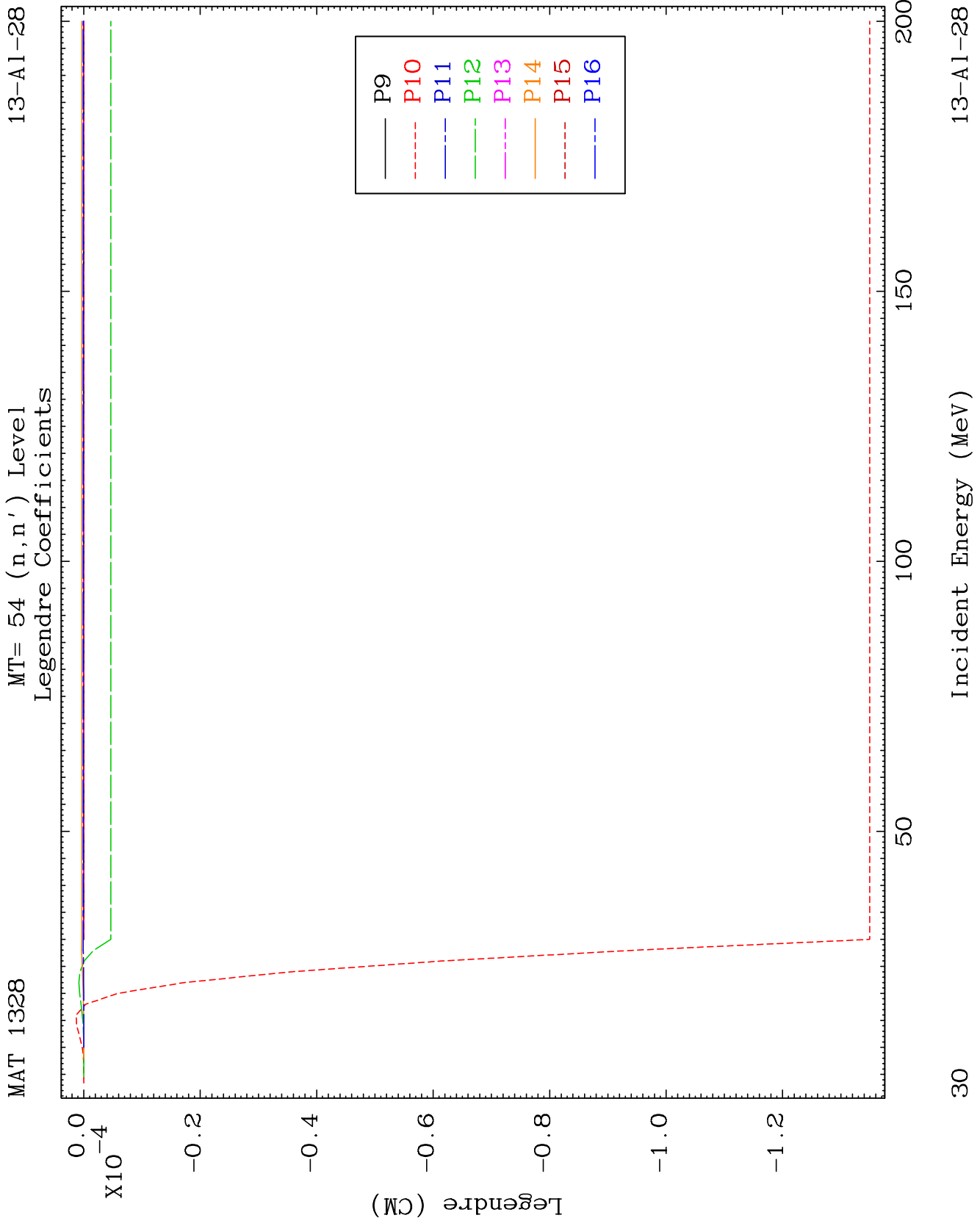
13-A1-28



29

Incident Energy (MeV)

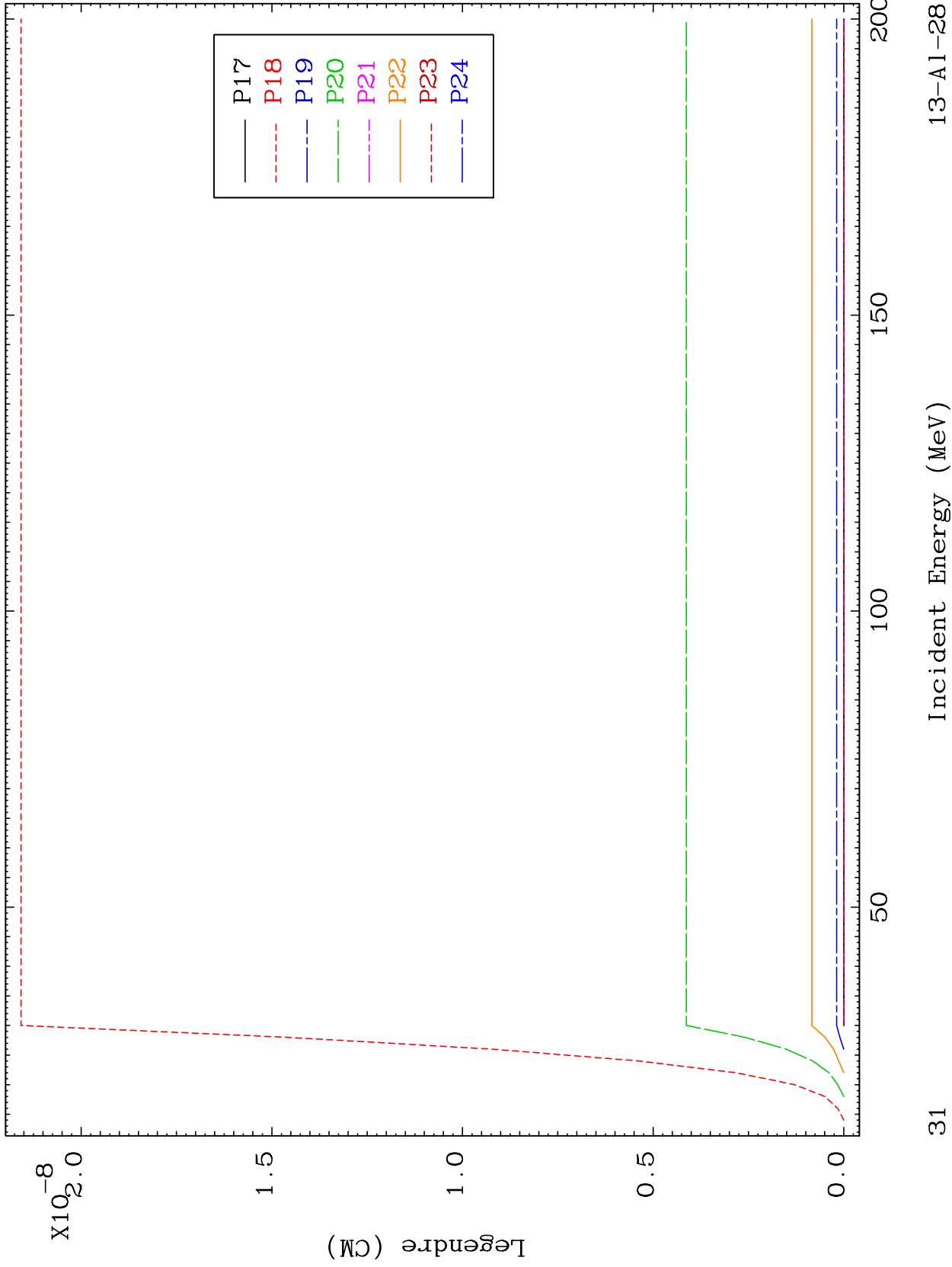
13-A1-28



MAT 1328

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

13-A1-28



31

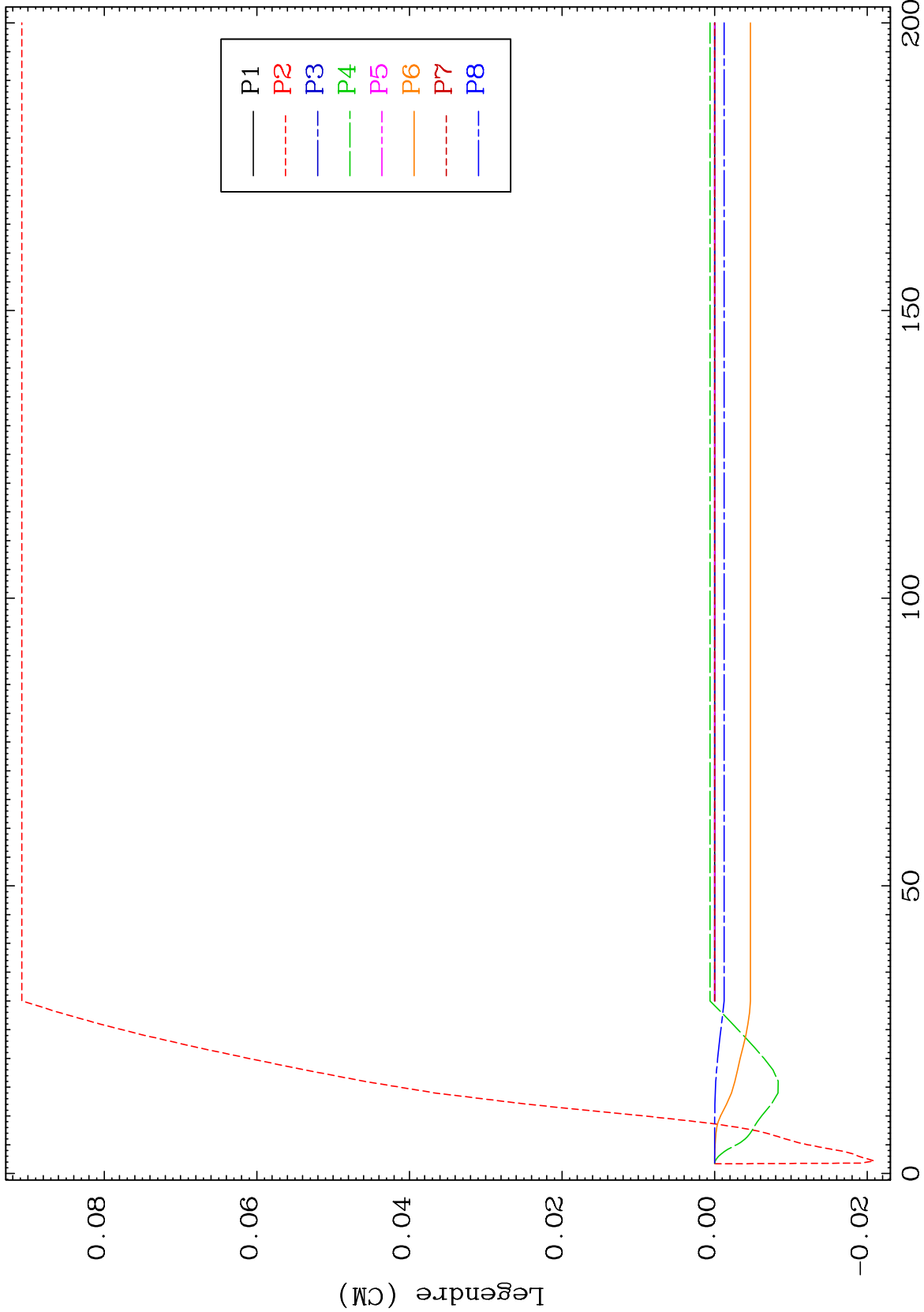
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



32

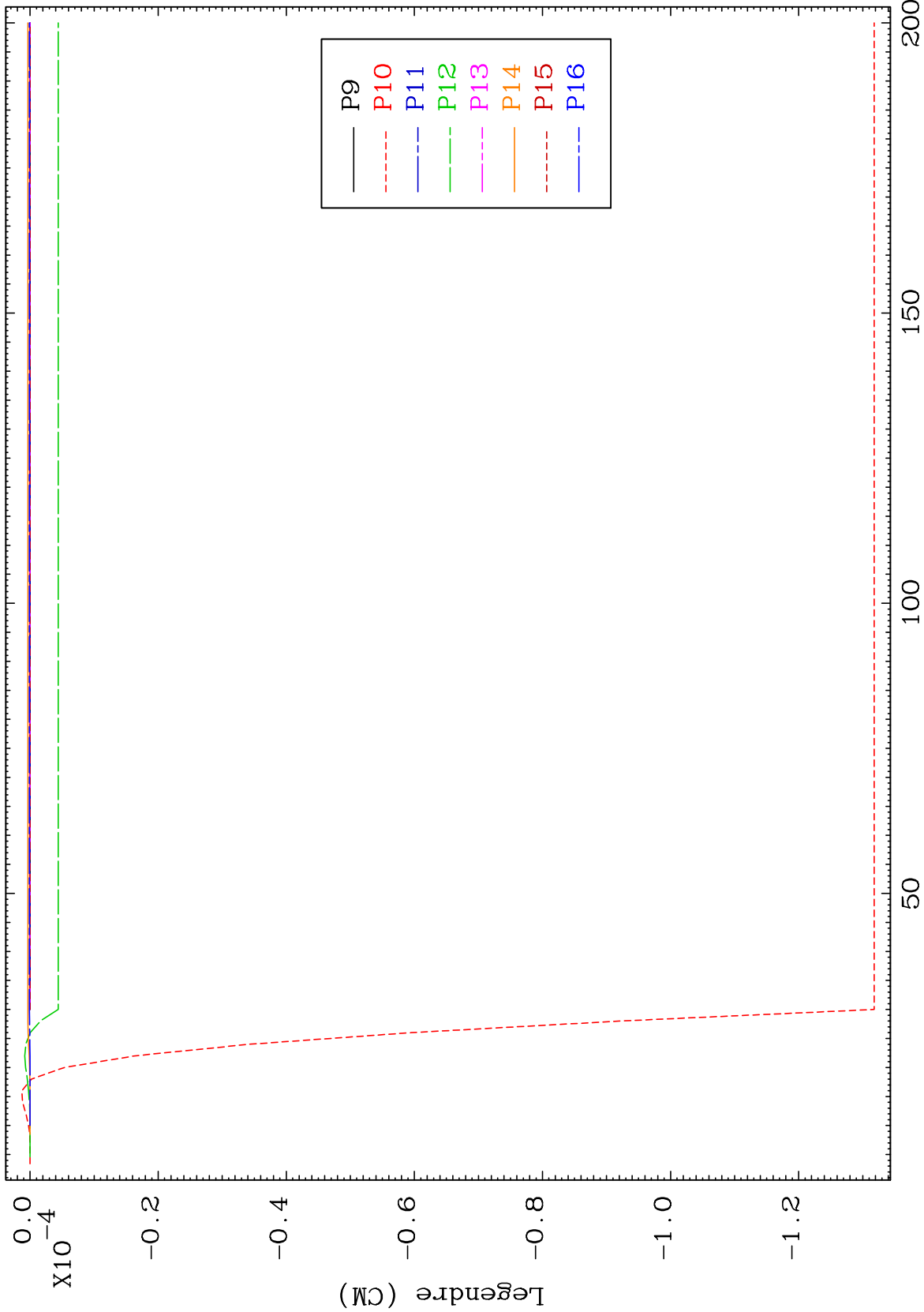
Incident Energy (MeV)

13-A1-28

MAT 1328

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

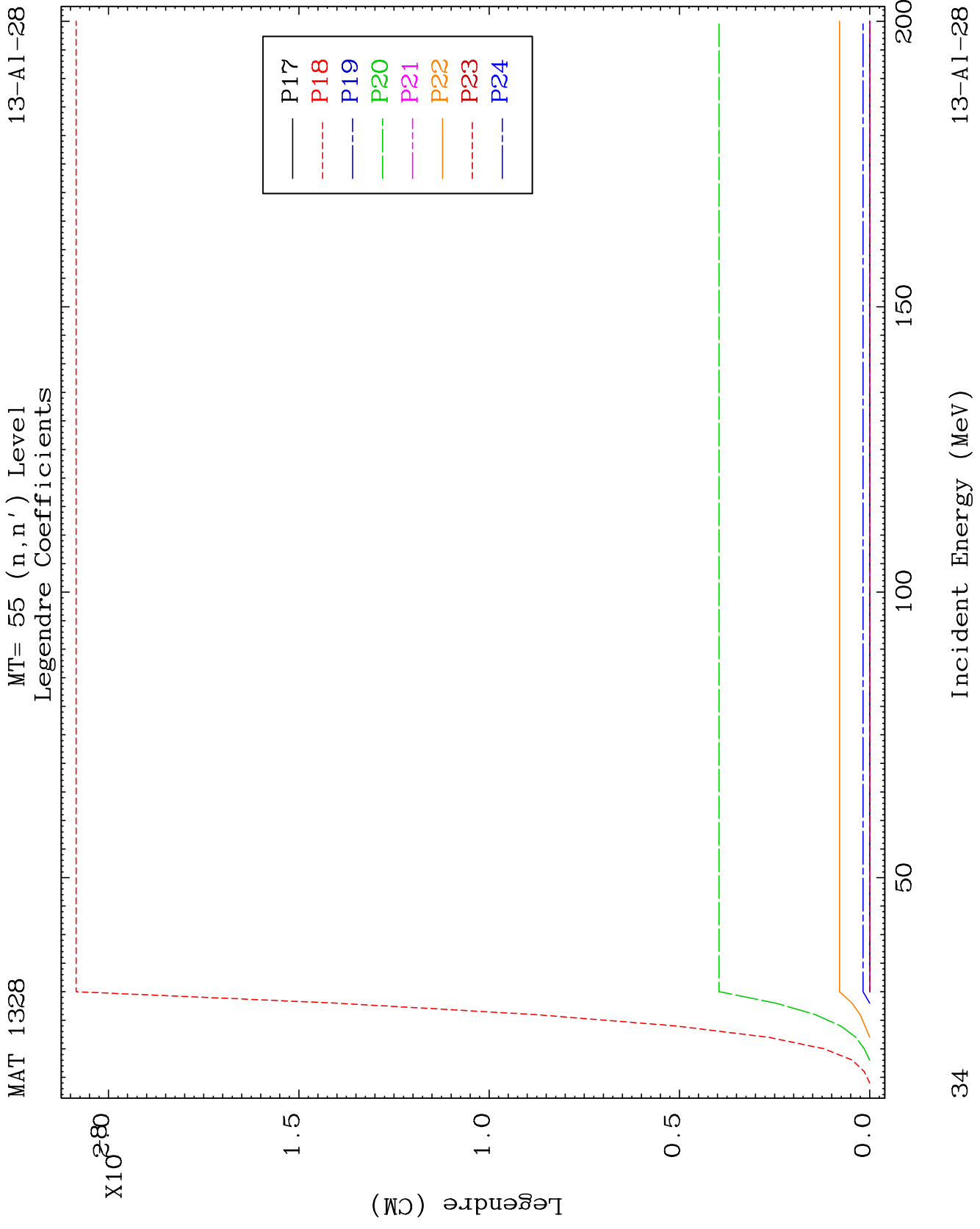
13-A1-28



33

Incident Energy (MeV)

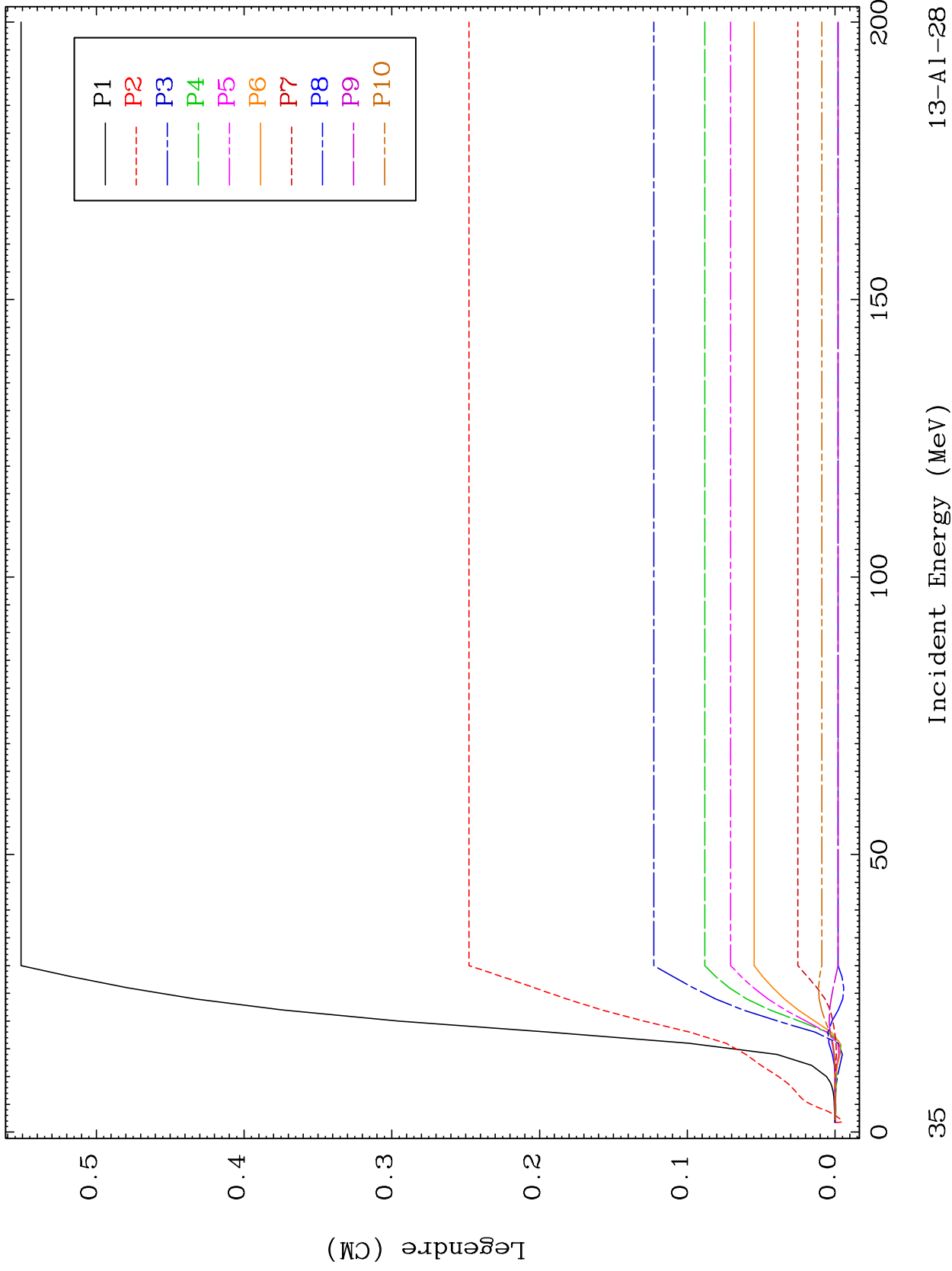
13-A1-28



MAT 1328

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

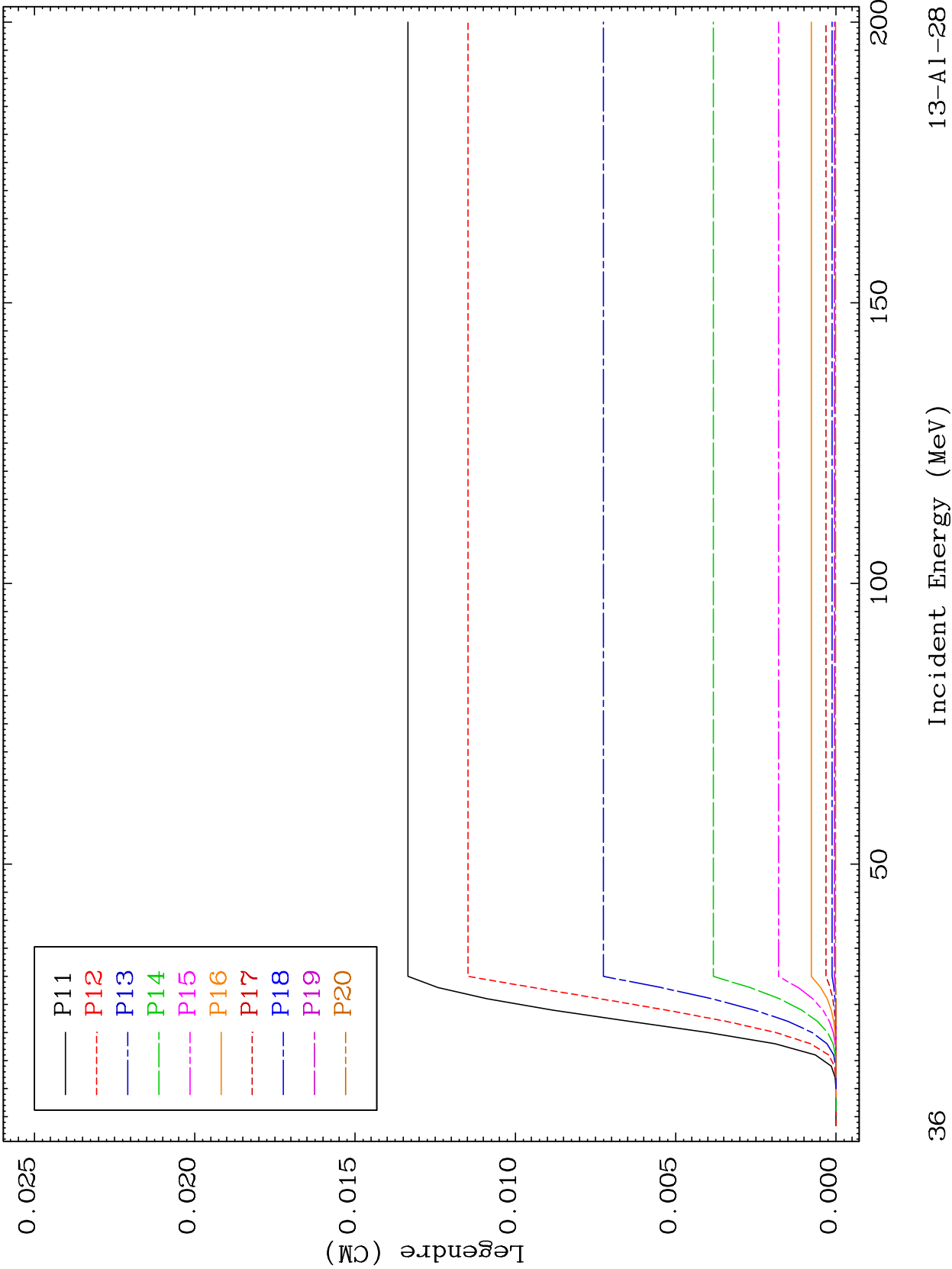
13-Al-28



13-Al-28

Incident Energy (MeV)

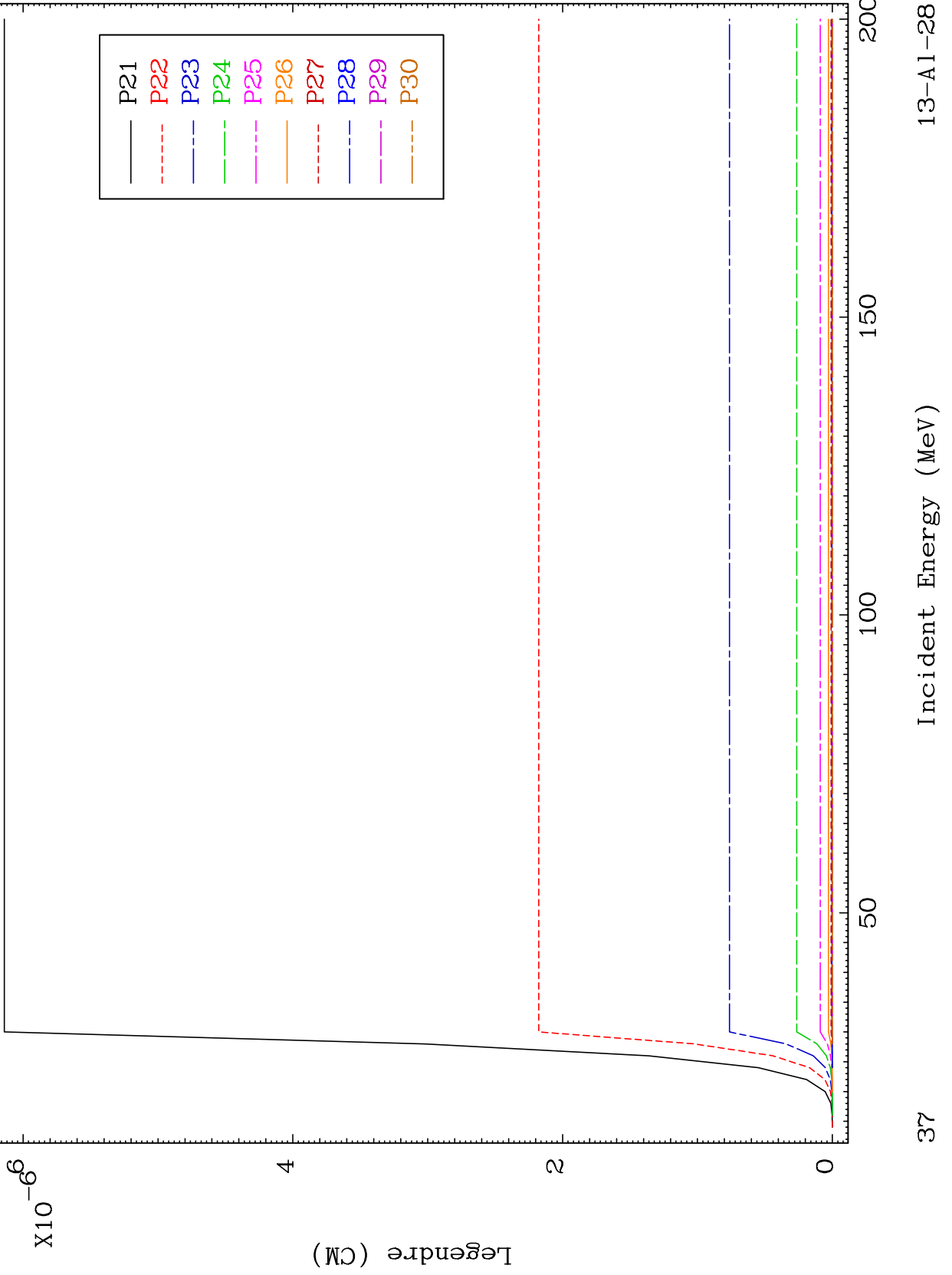
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MAT 1328

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

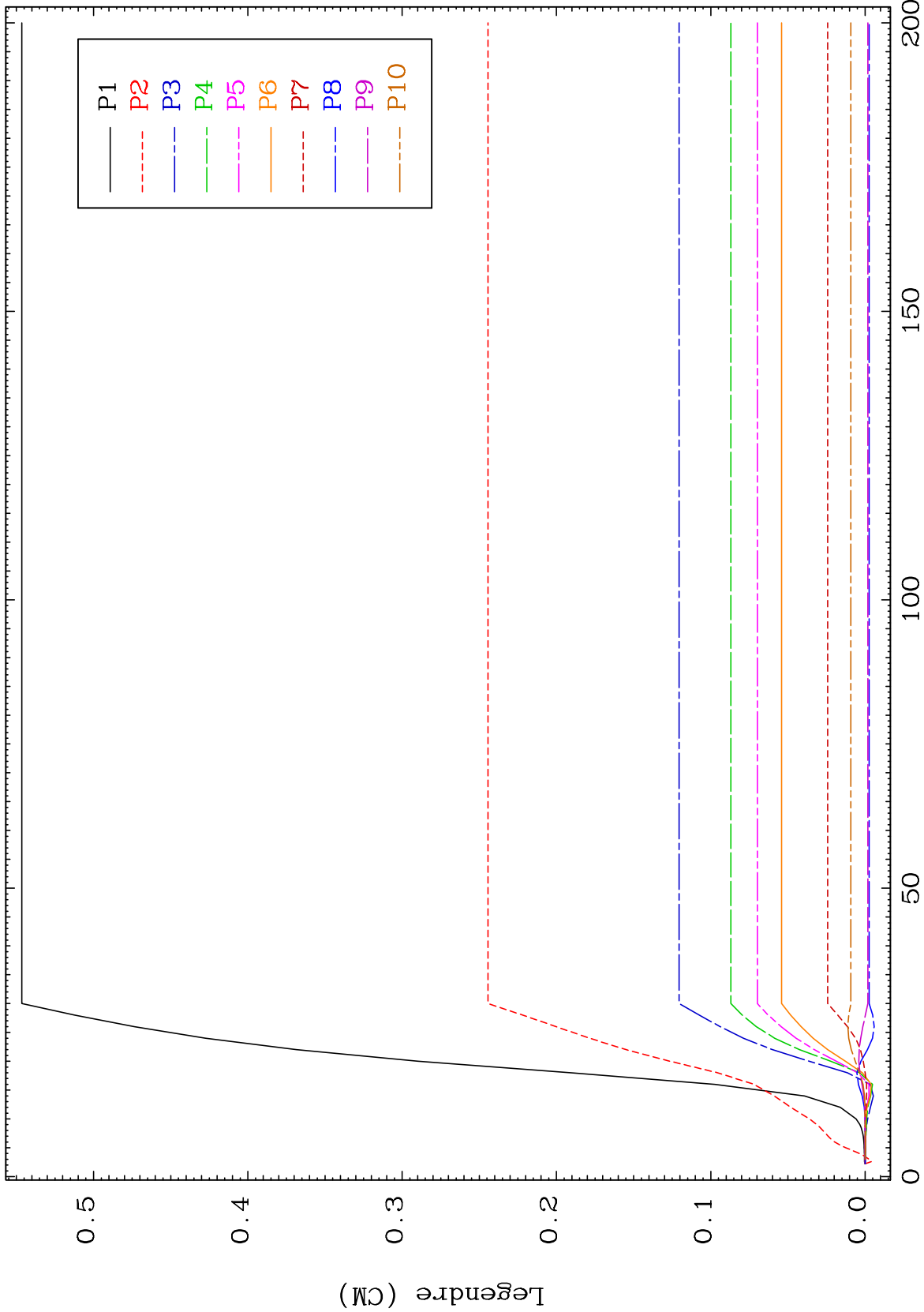
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MAT 1328

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

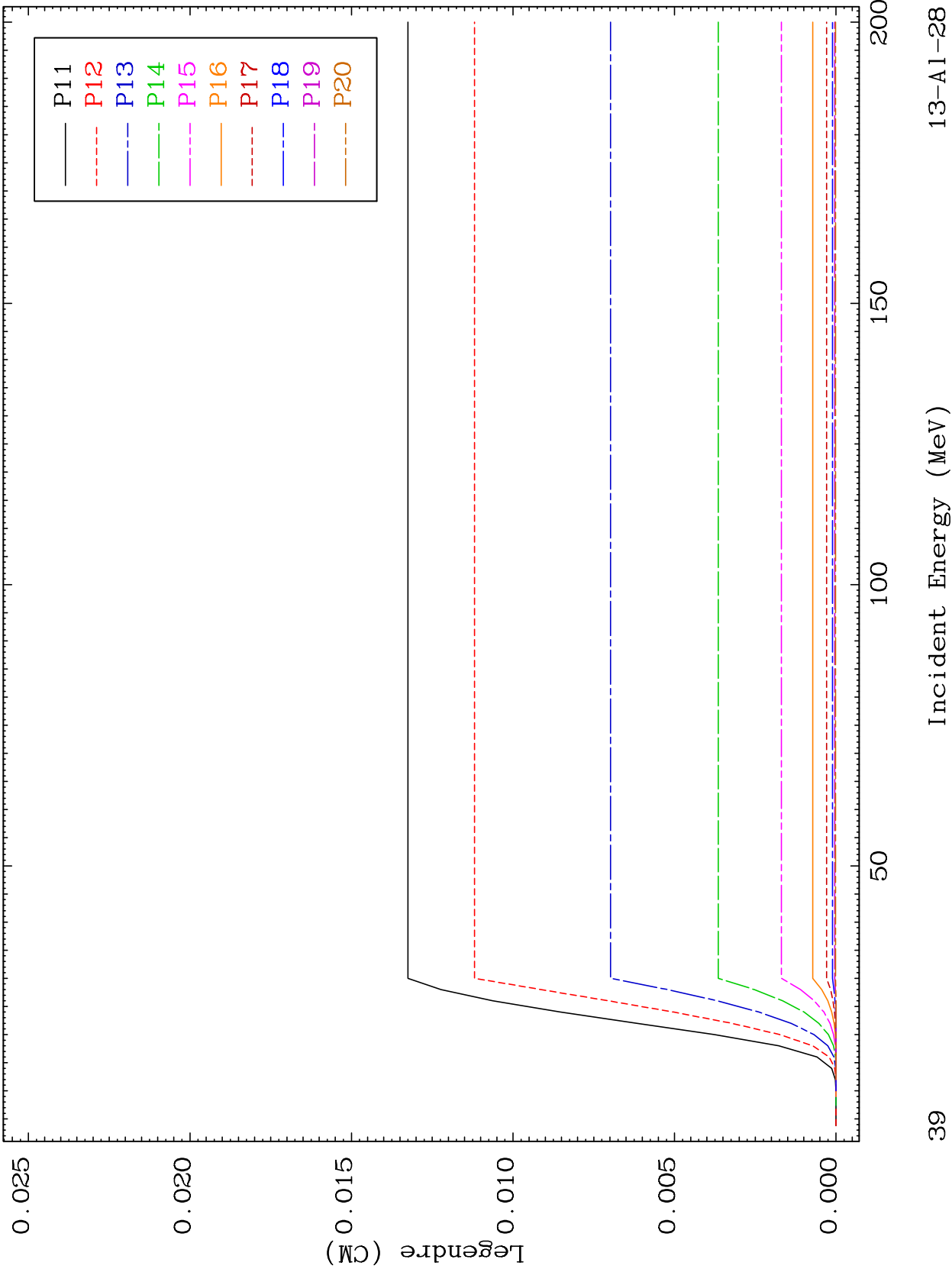
13-Al-28



38

Incident Energy (MeV)

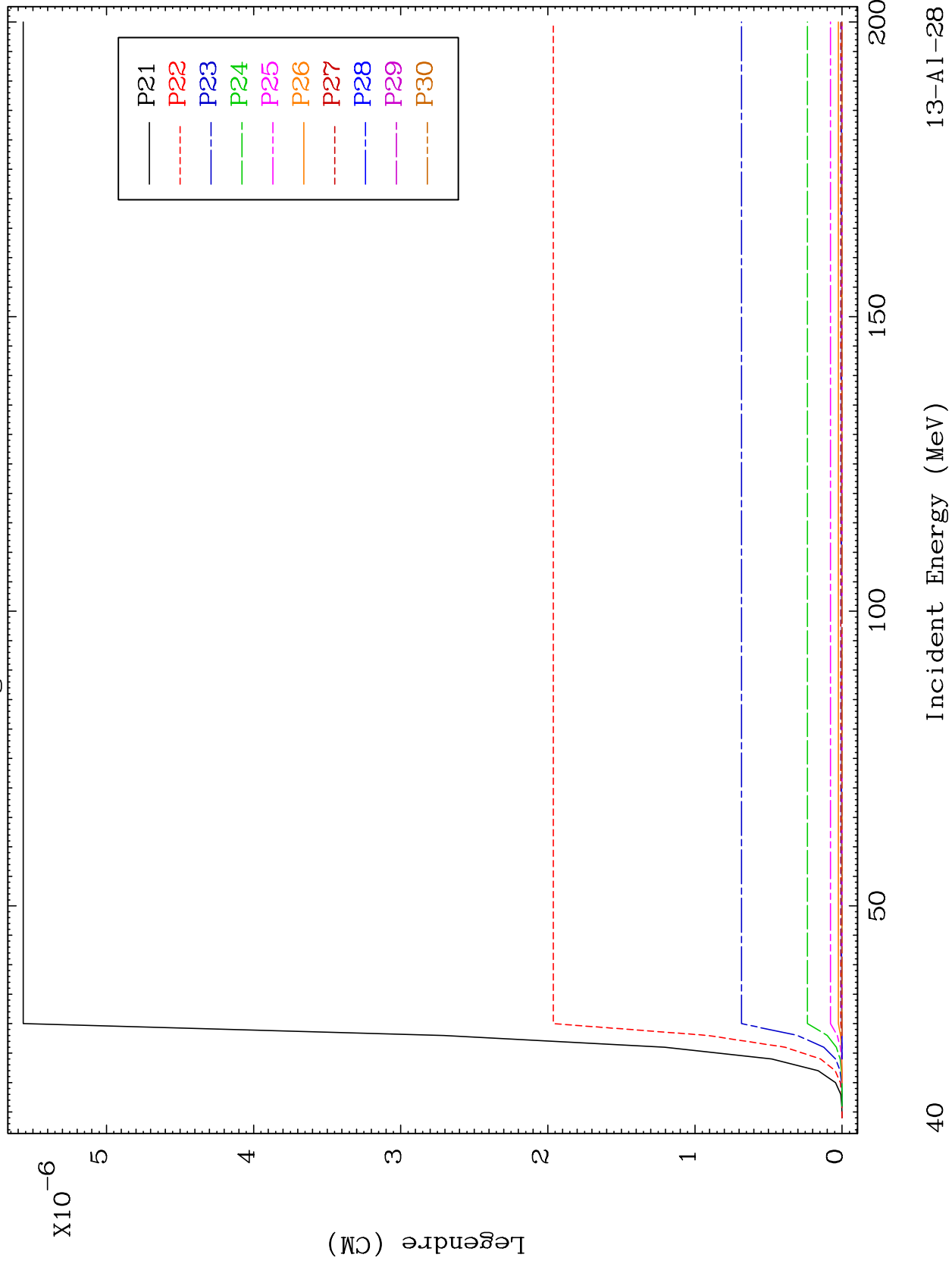
13-Al-28



MAT 1328

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

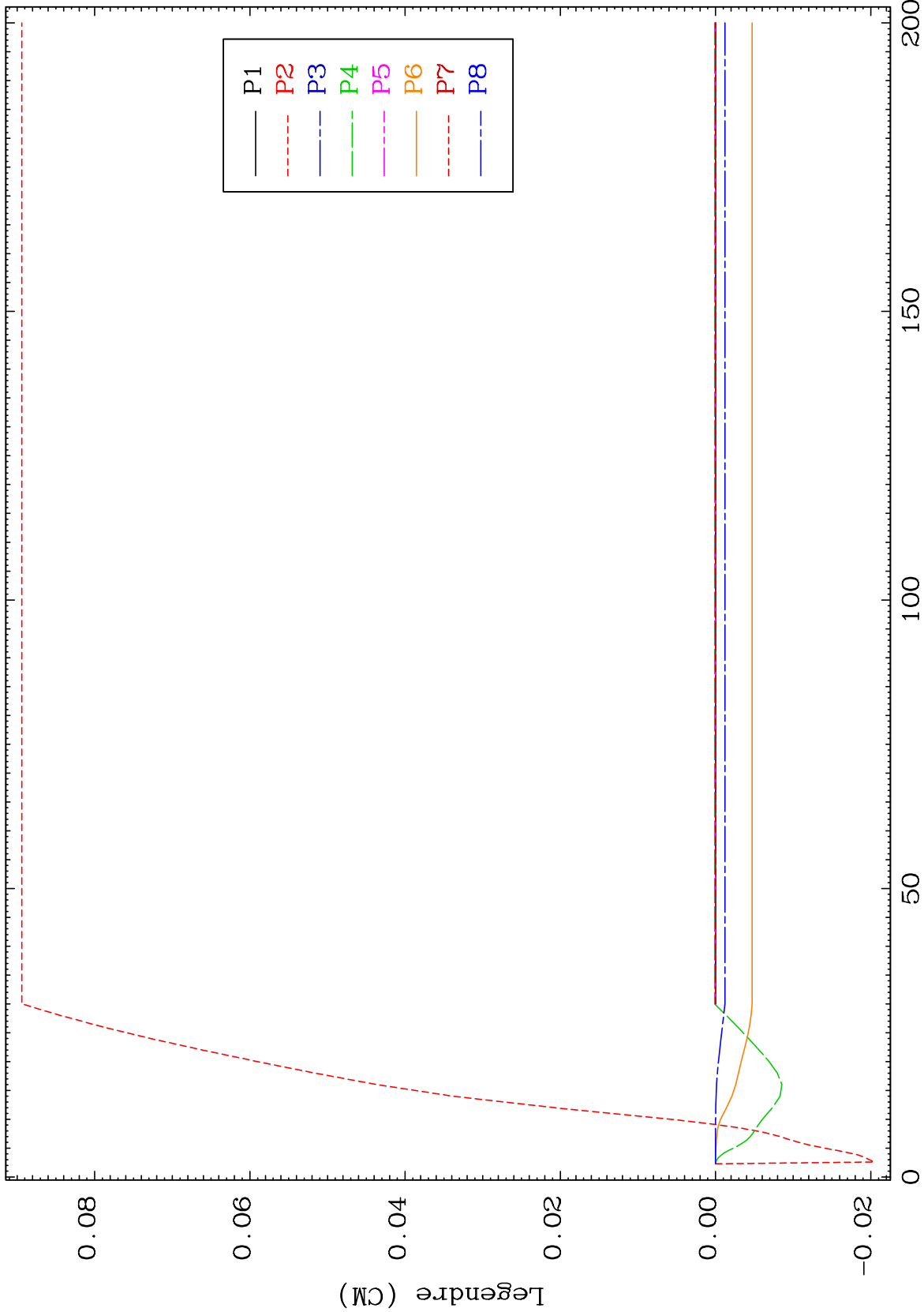
13-A1-28



MAT 1328

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

13-A1-28



41

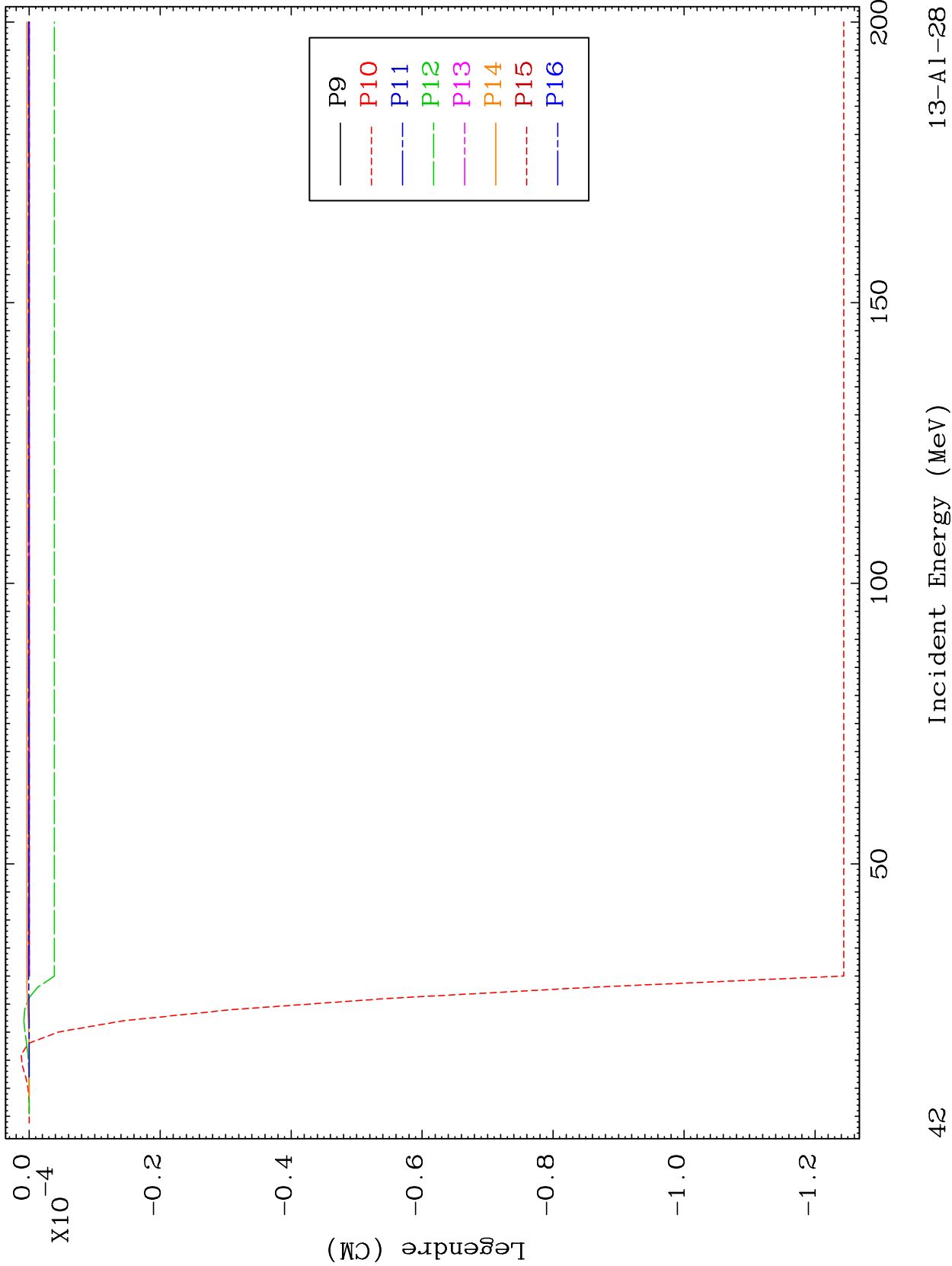
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-Al-28



42

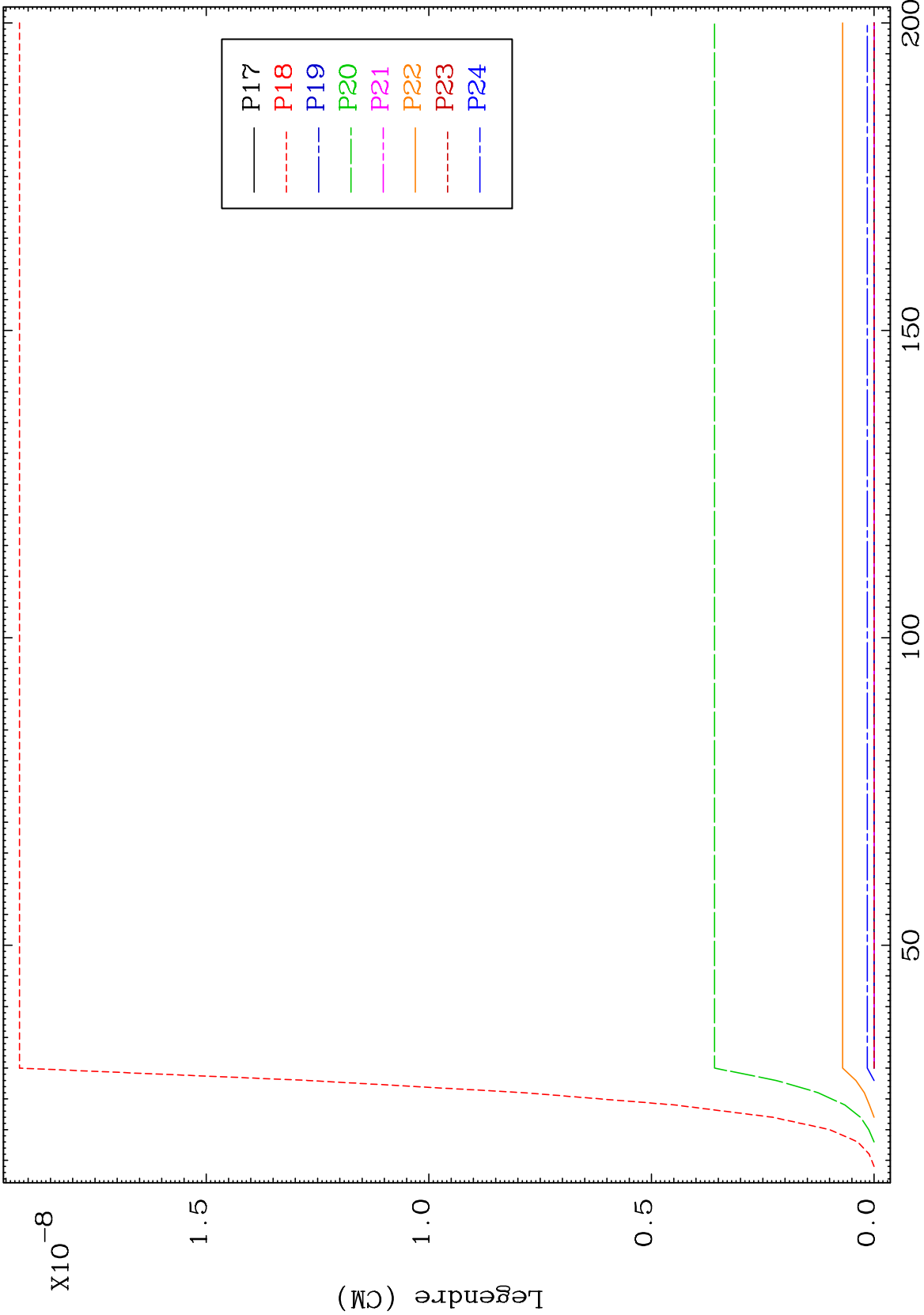
Incident Energy (MeV)

13-Al-28

MAT 1328

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

13-A1-28



43

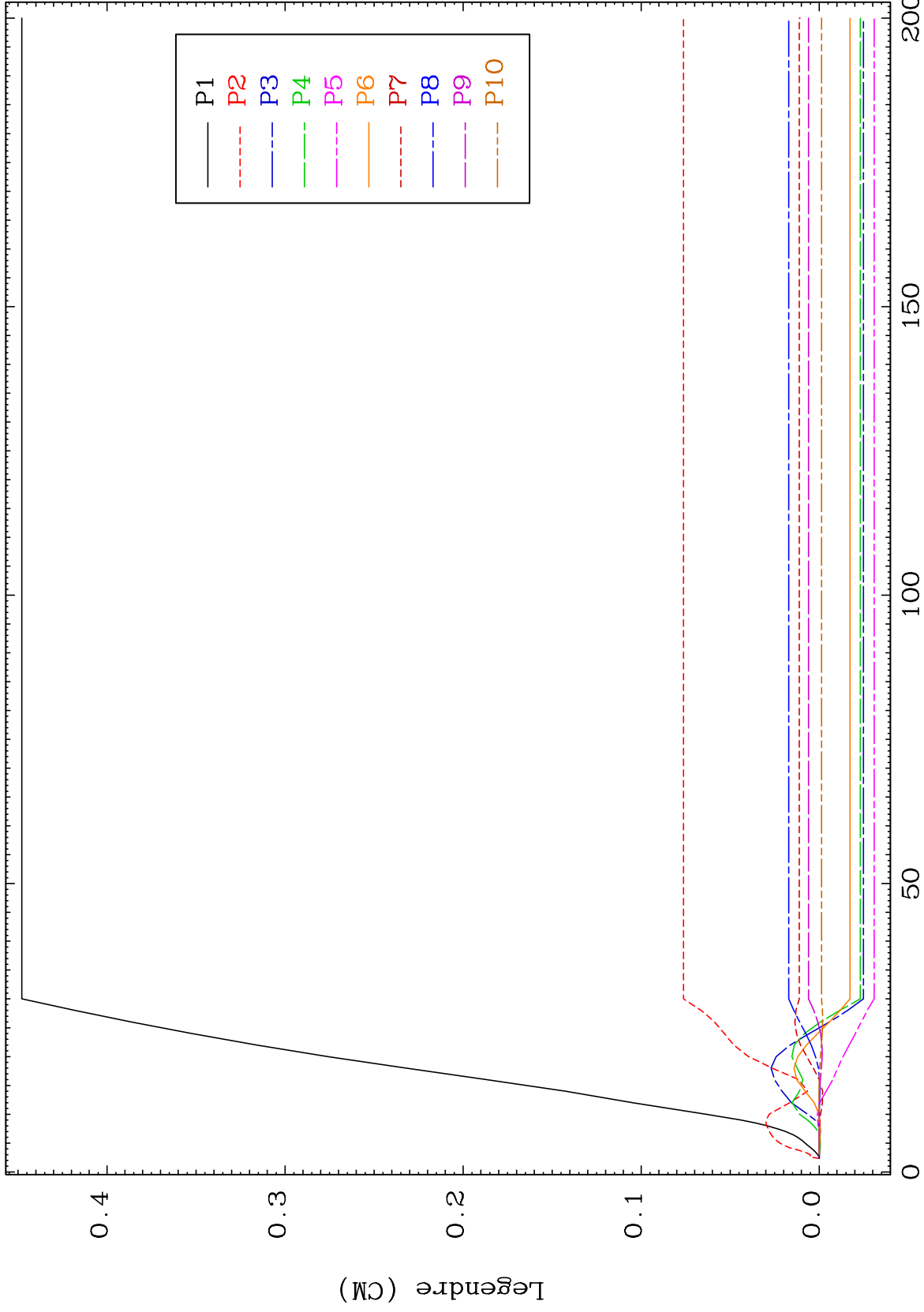
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-Al-28



44

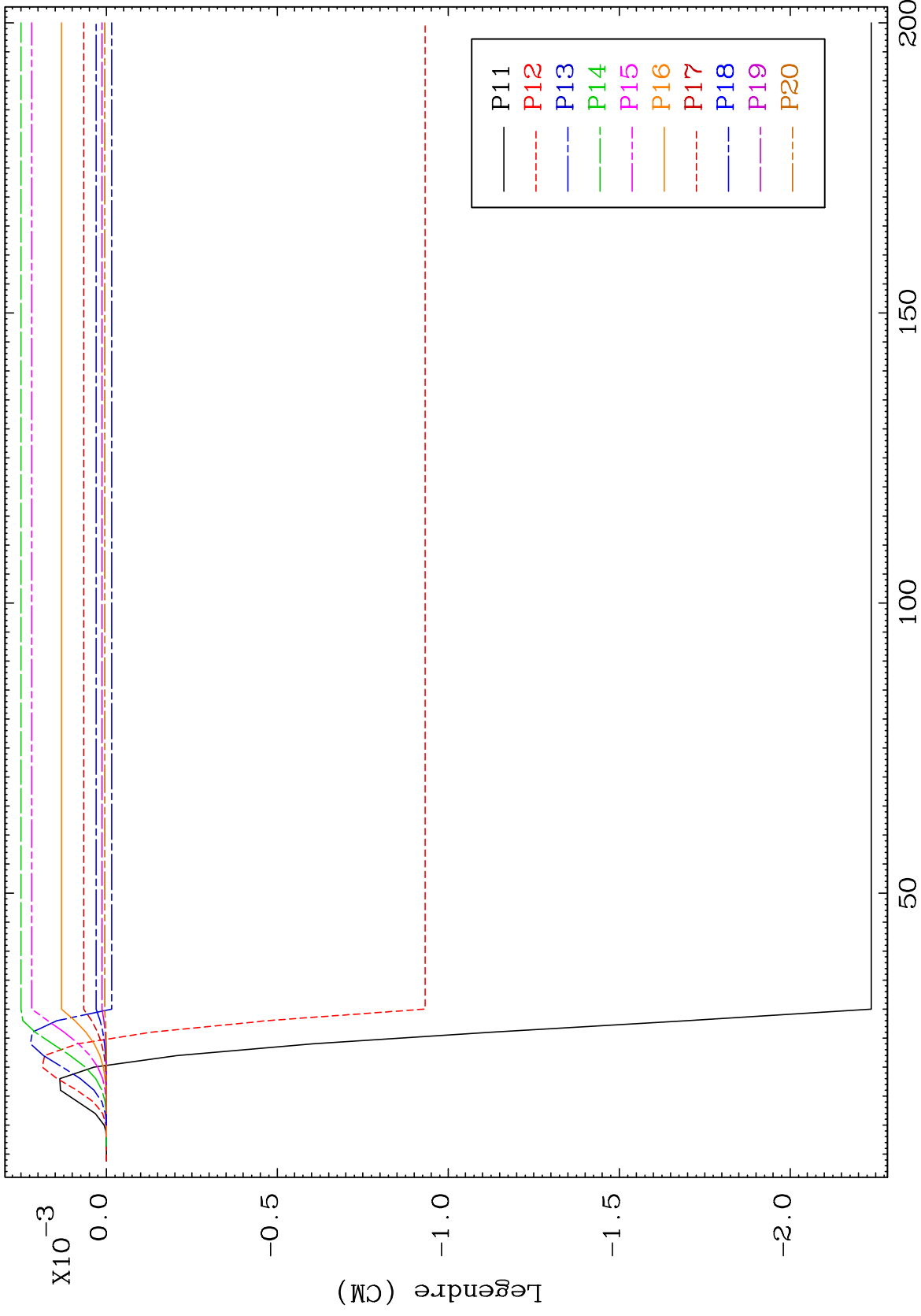
Incident Energy (MeV)

13-Al-28

MAT 1328

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

13-A1-28



45

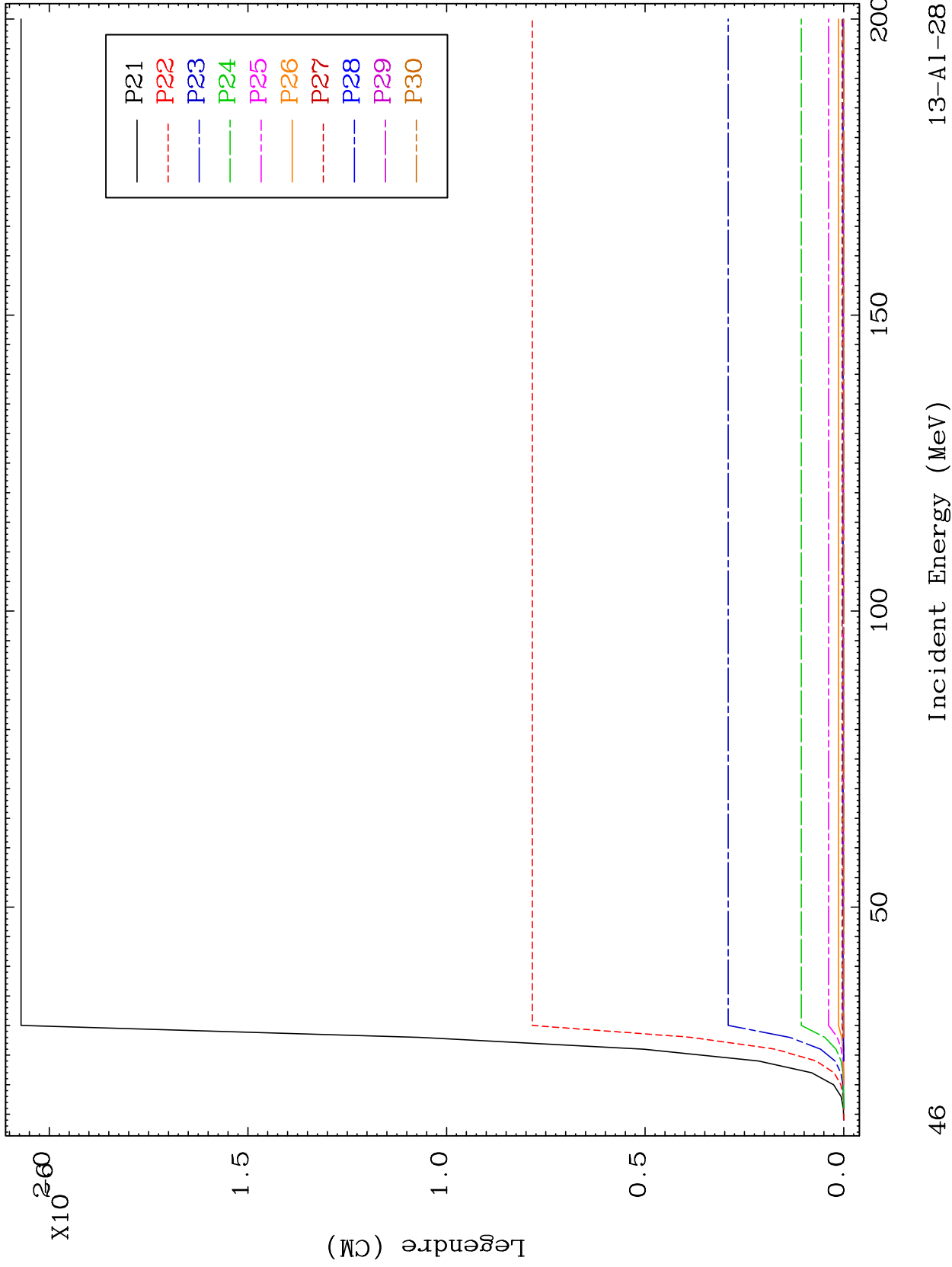
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



46

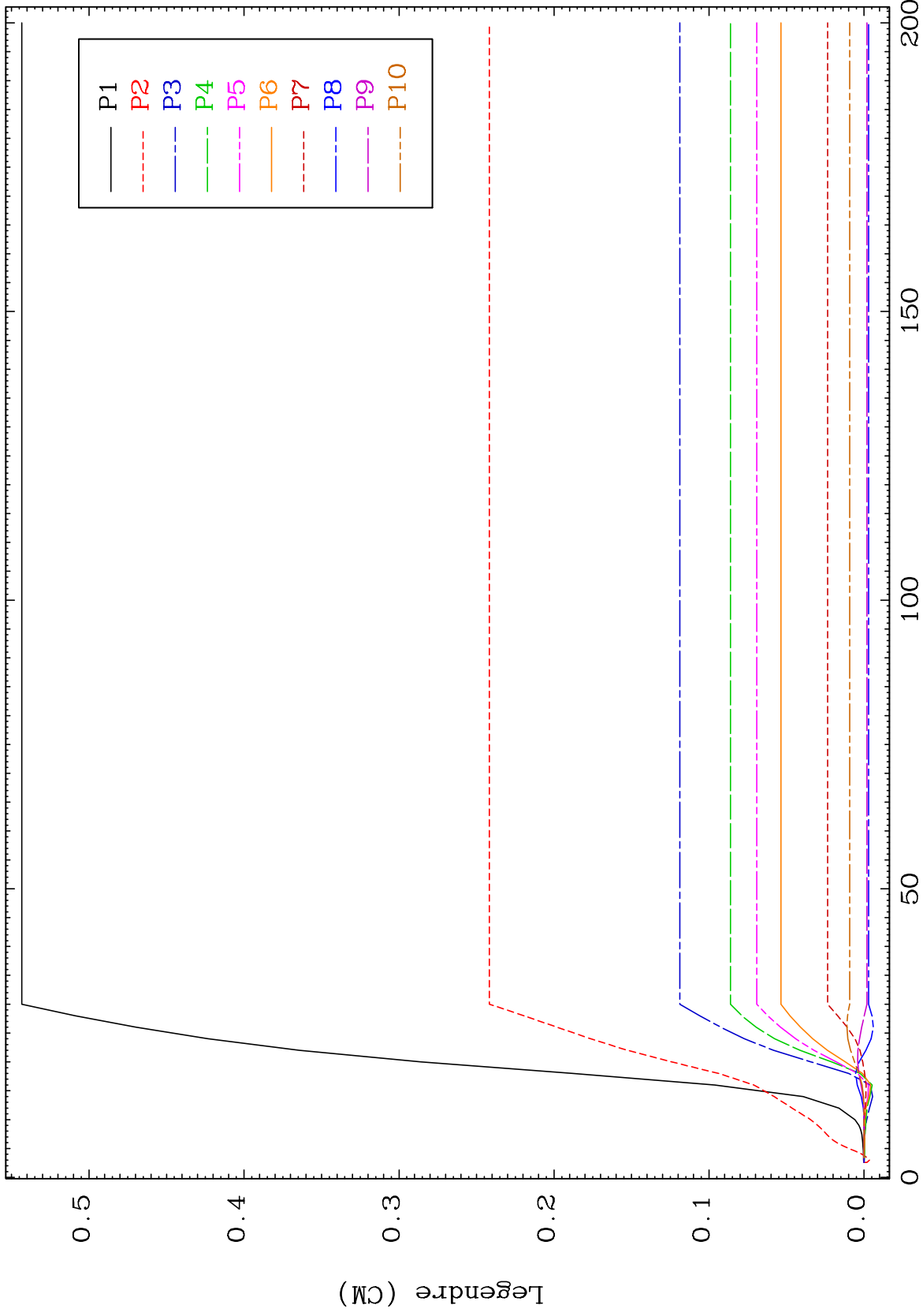
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-Al-28



47

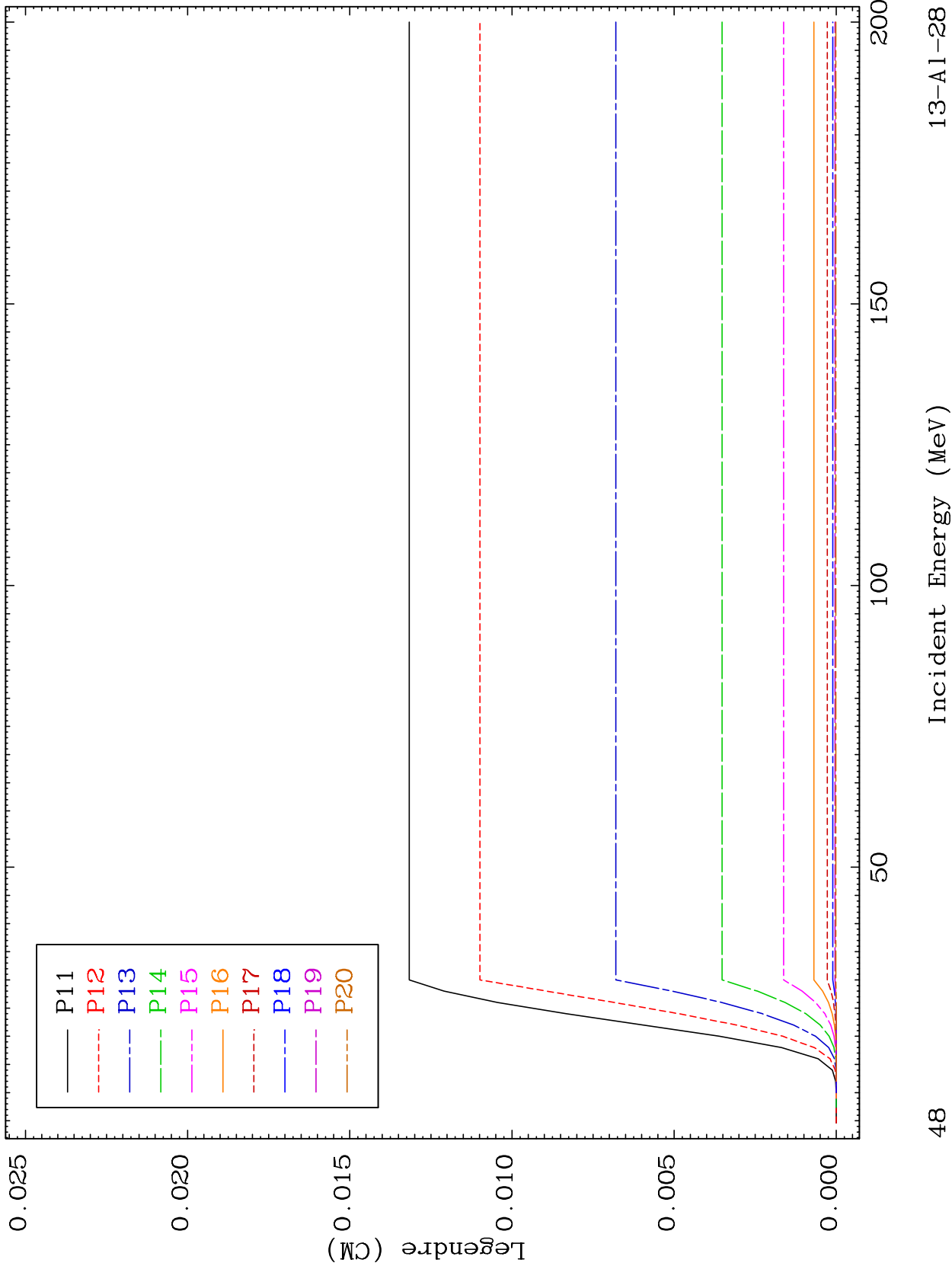
Incident Energy (MeV)

13-Al-28

MAT 1328

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

13-A1-28



48

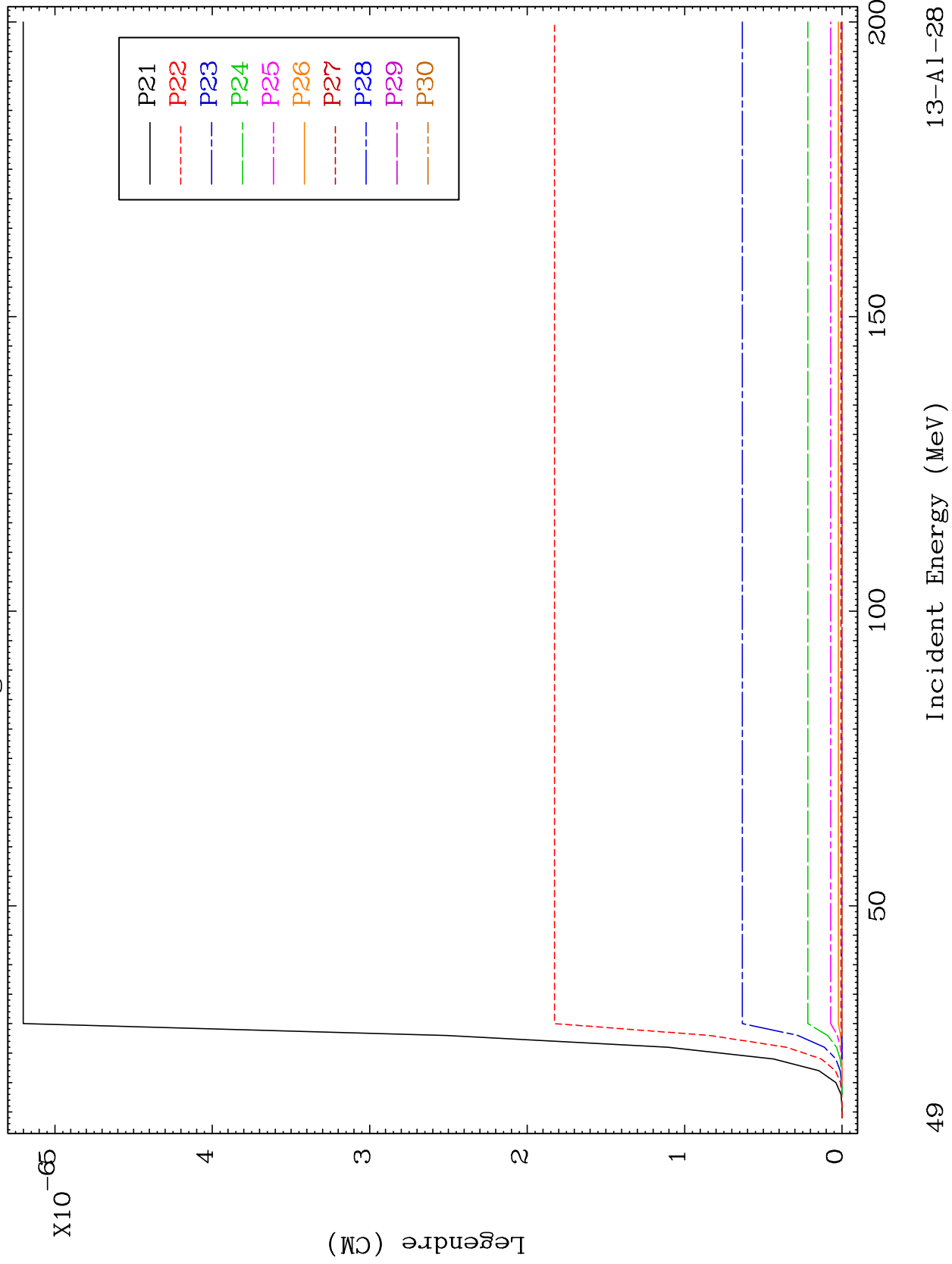
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



49

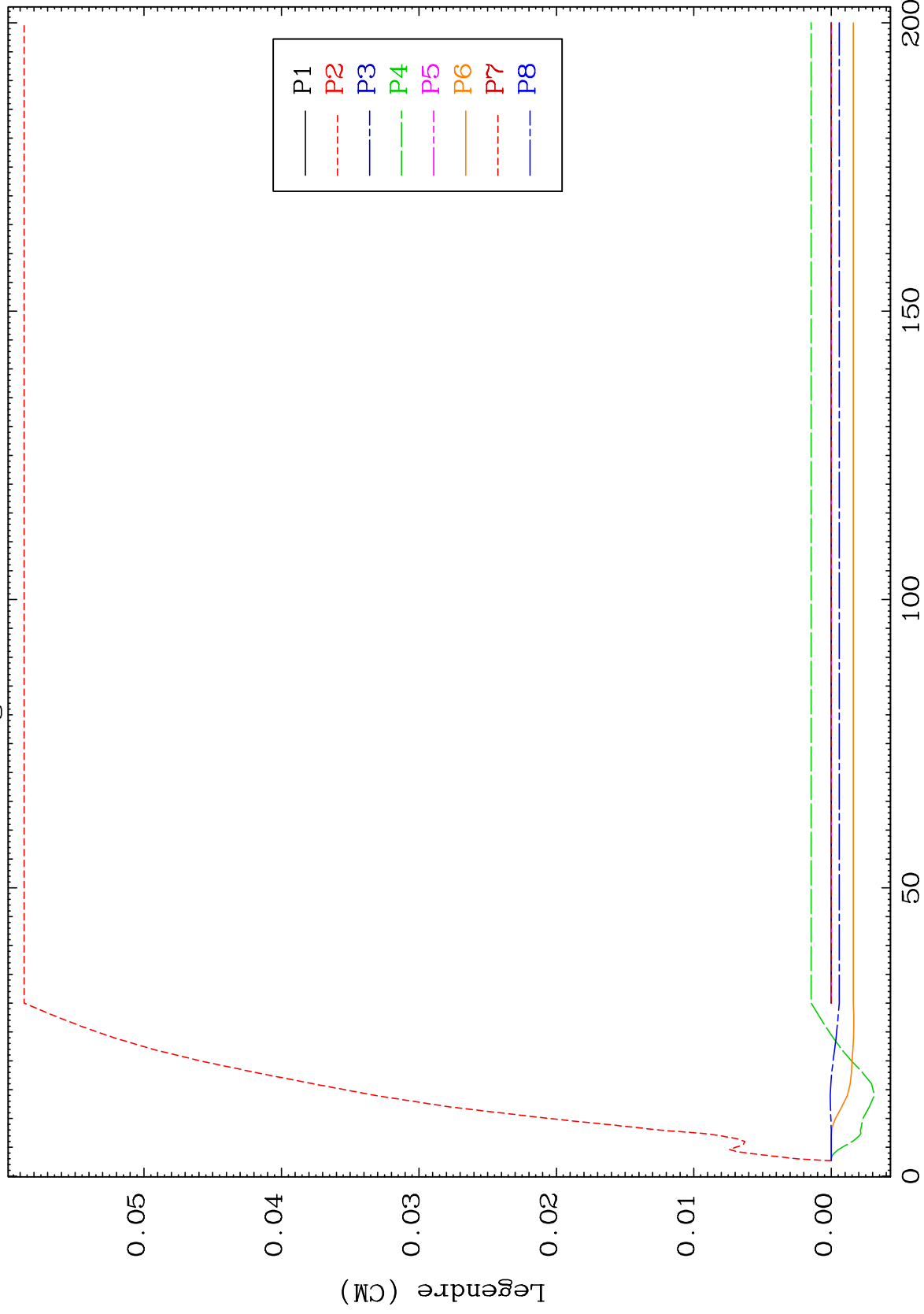
Incident Energy (MeV)

13-A1-28

MAT 1328

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

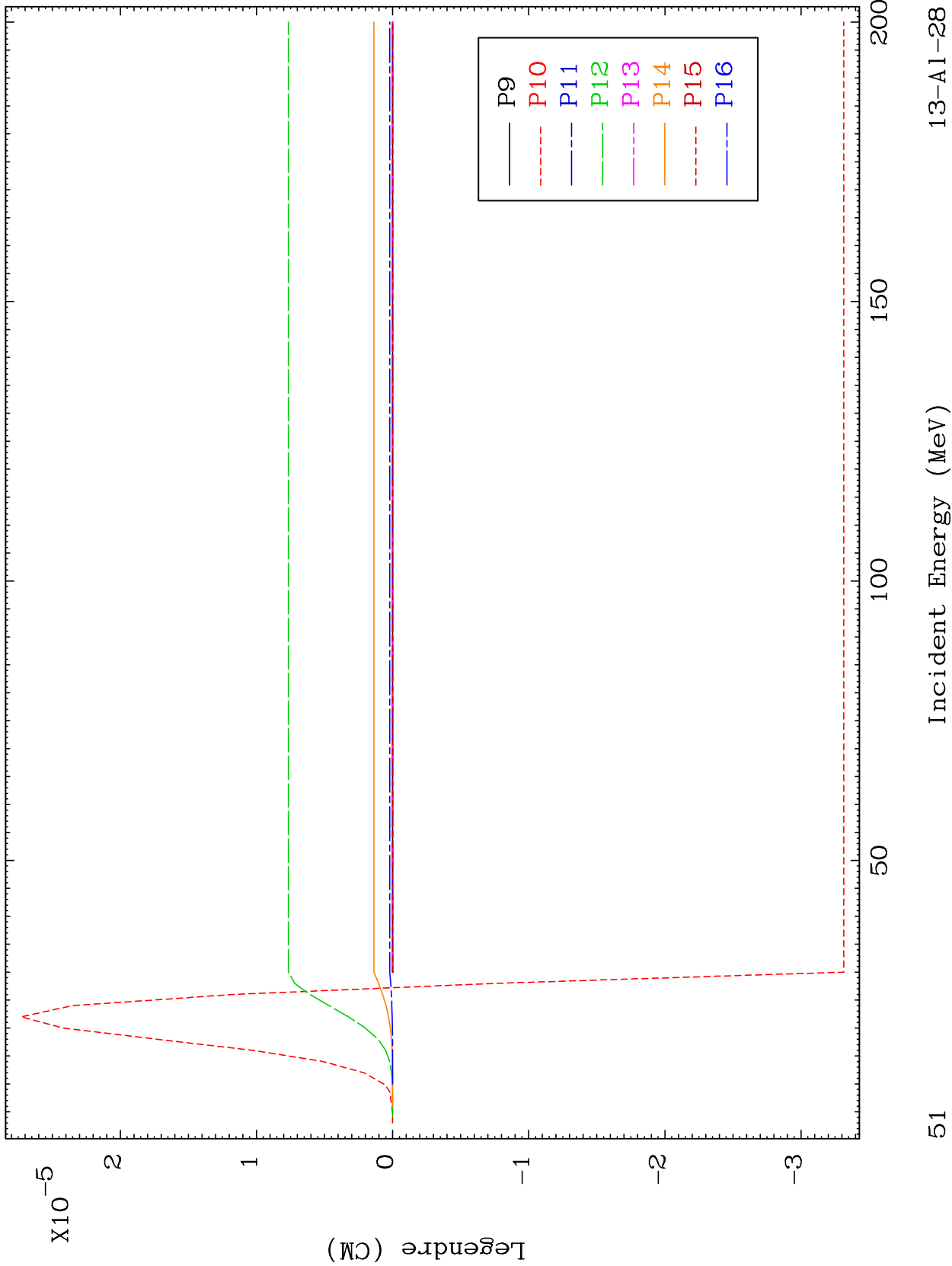
13-A1-28



13-A1-28

Incident Energy (MeV)

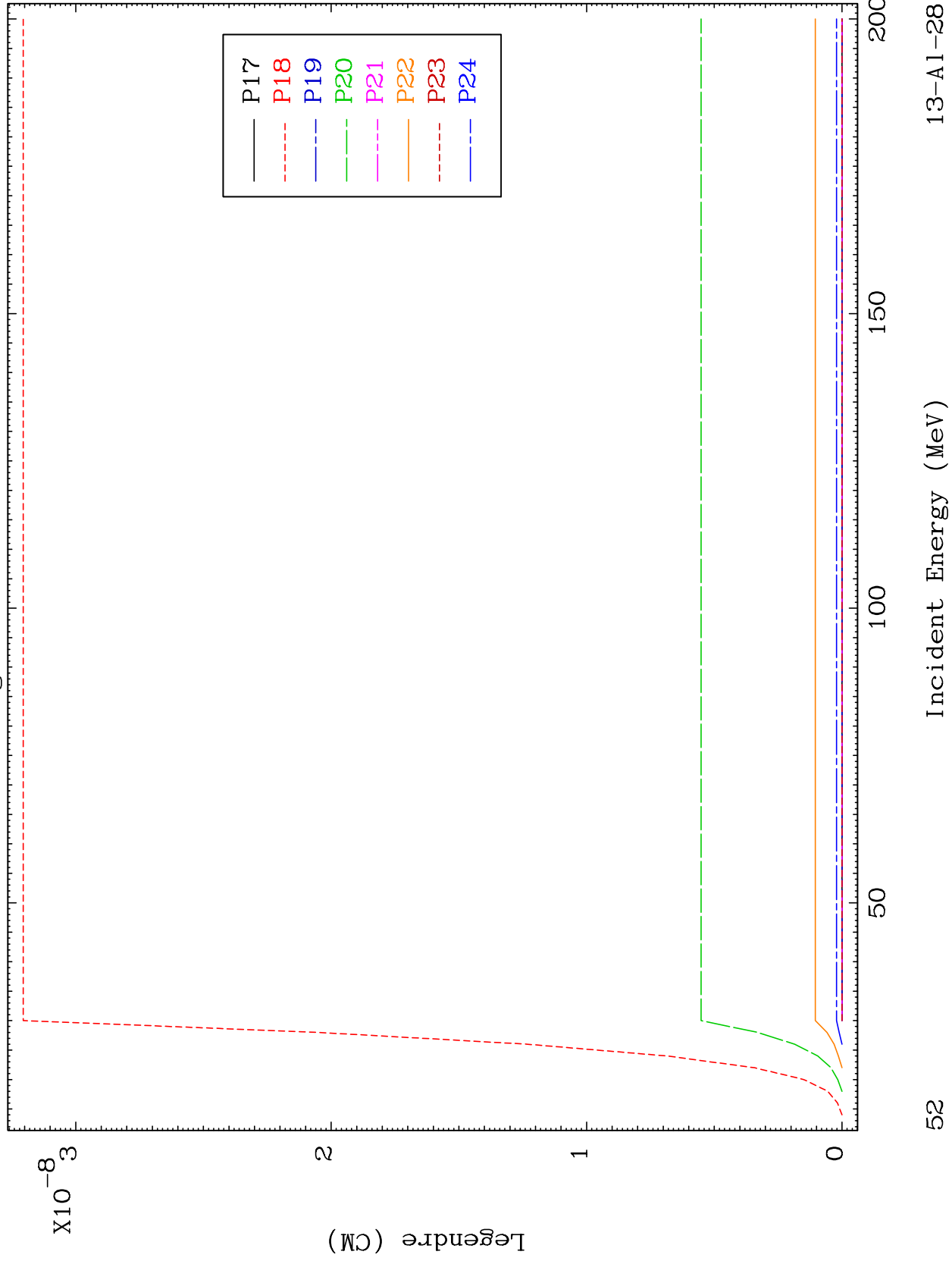
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MAT 1328

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

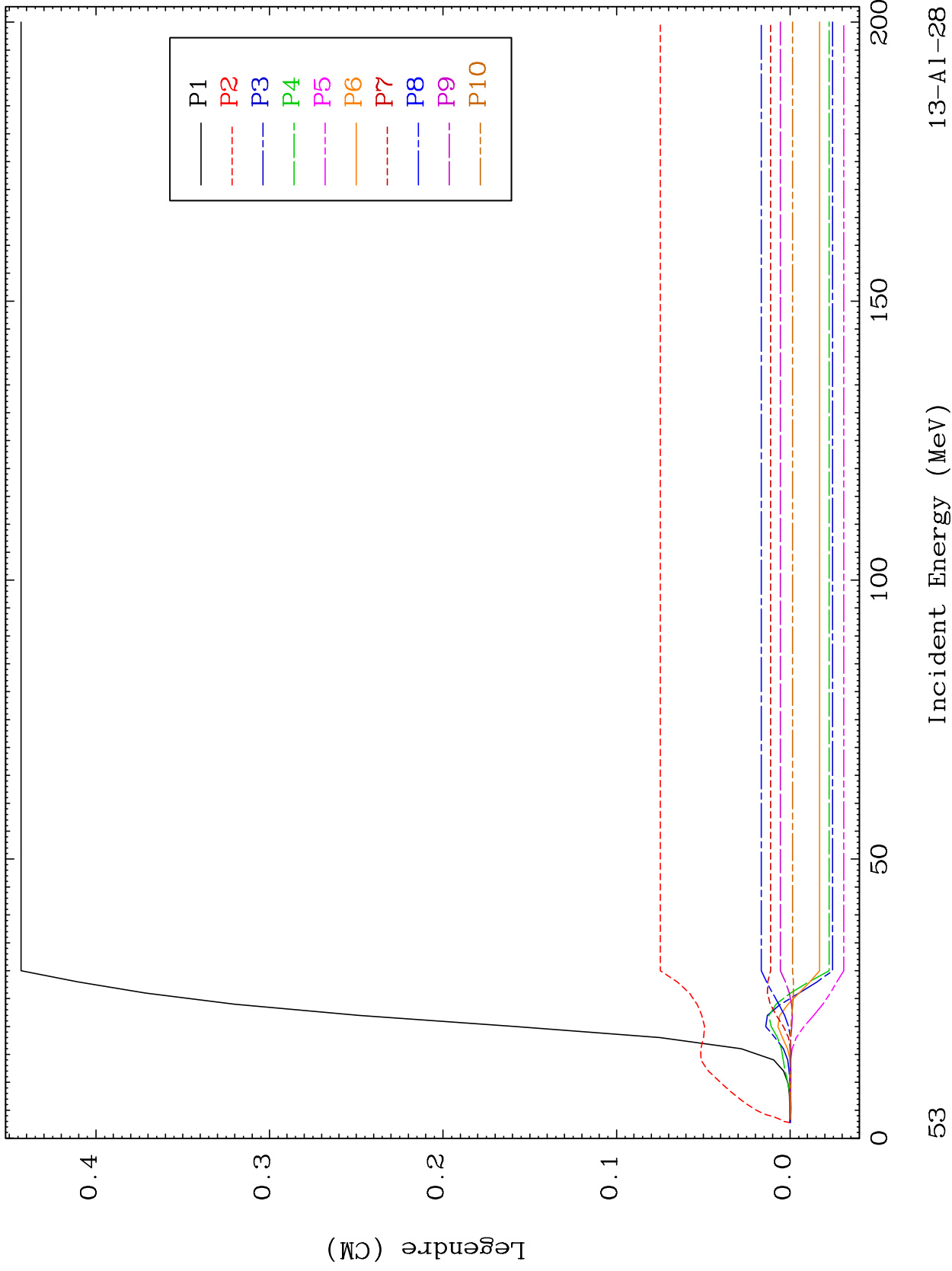
13-A1-28



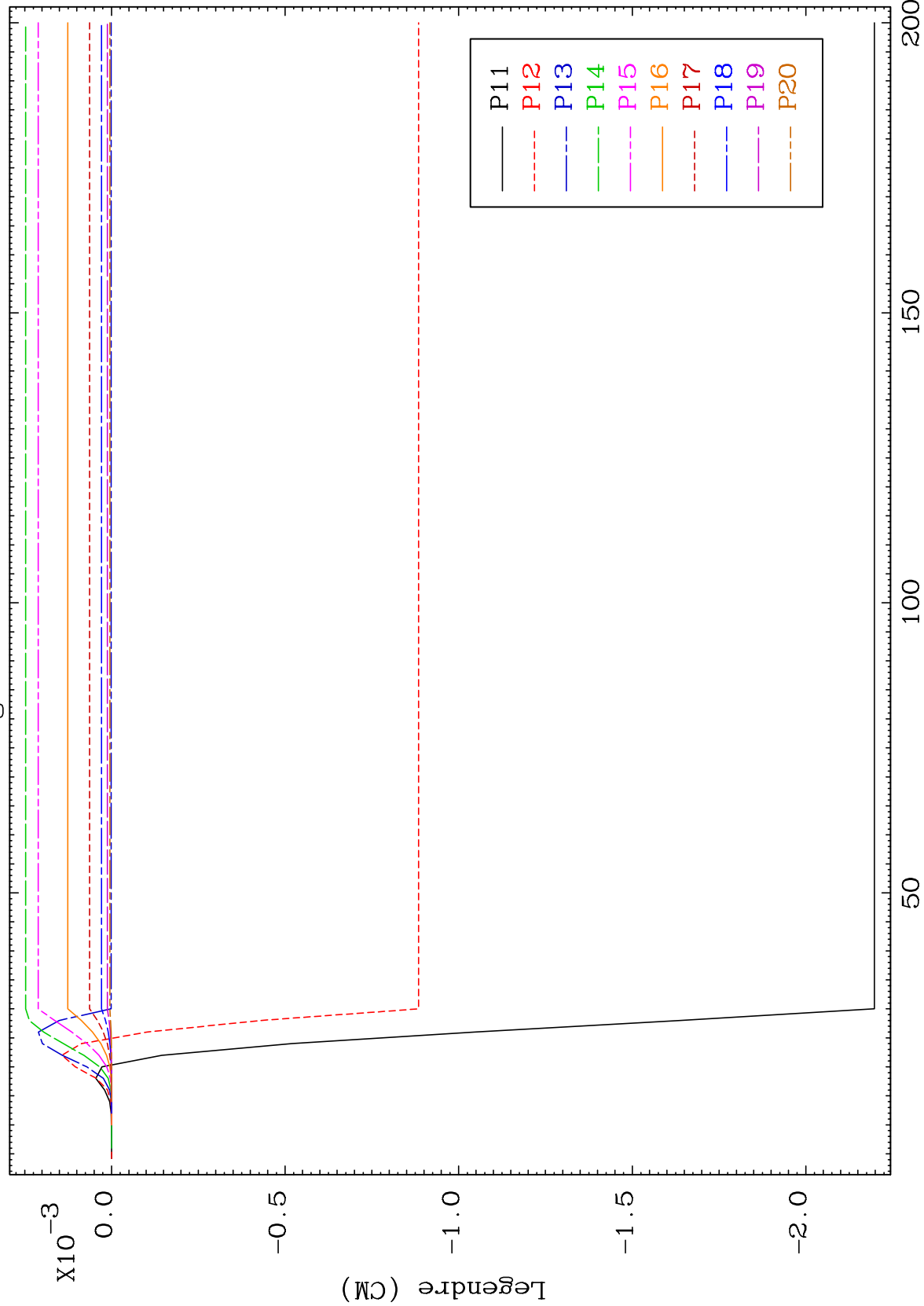
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Incident Energy (MeV)

13-A1-28



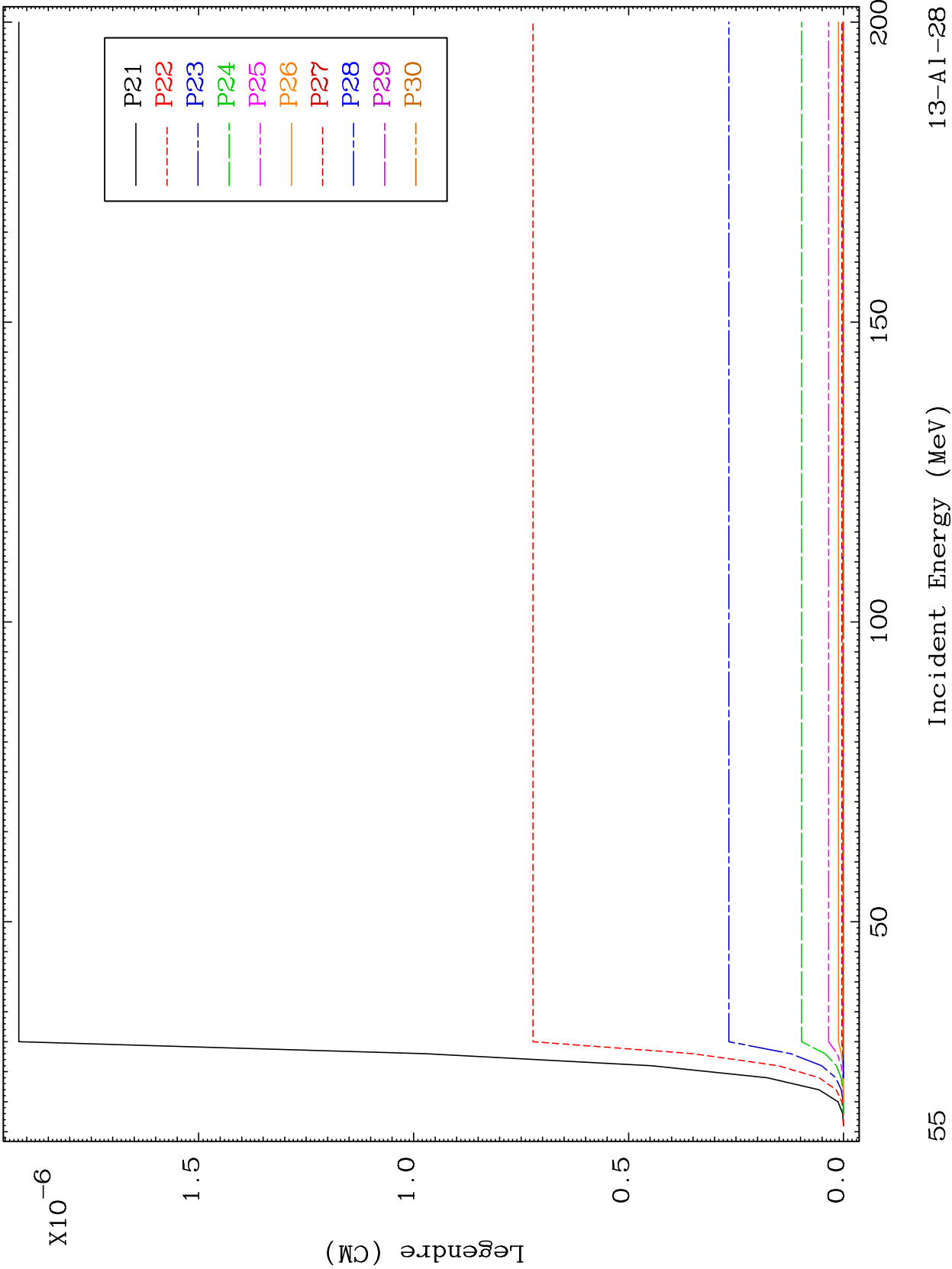
Legendre Coefficients



MAT 1328

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

13-A1-28



55

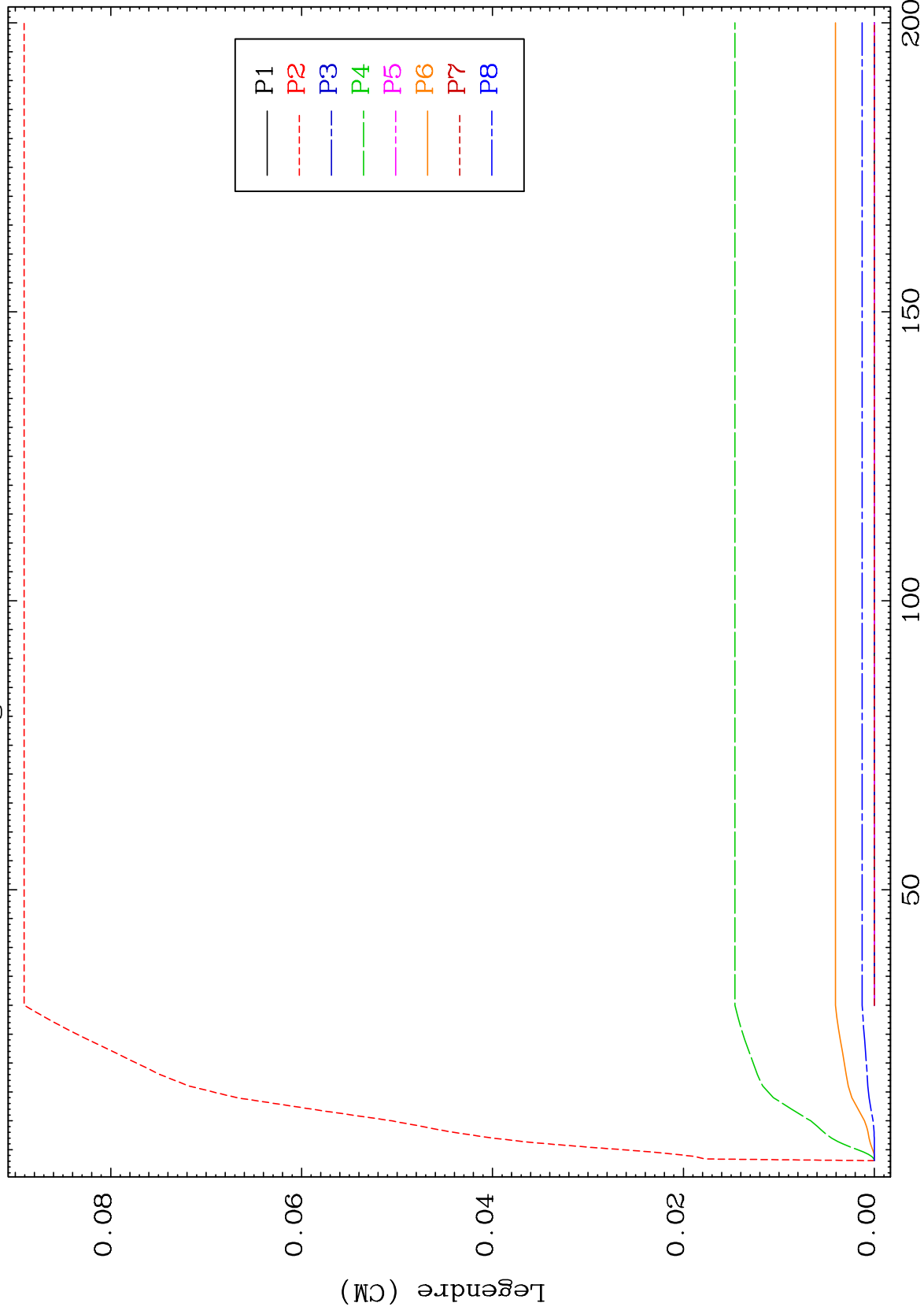
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



56

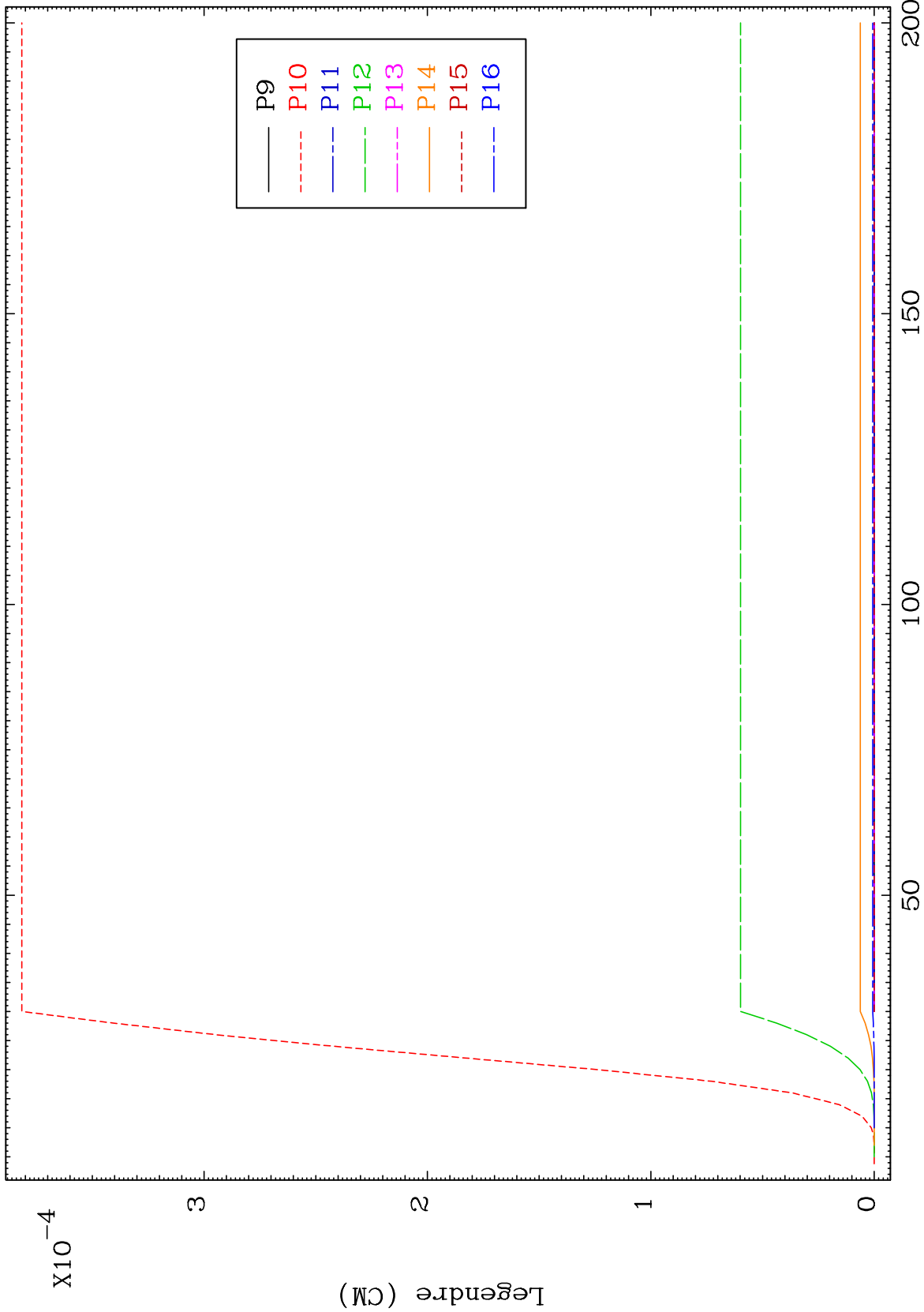
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



57

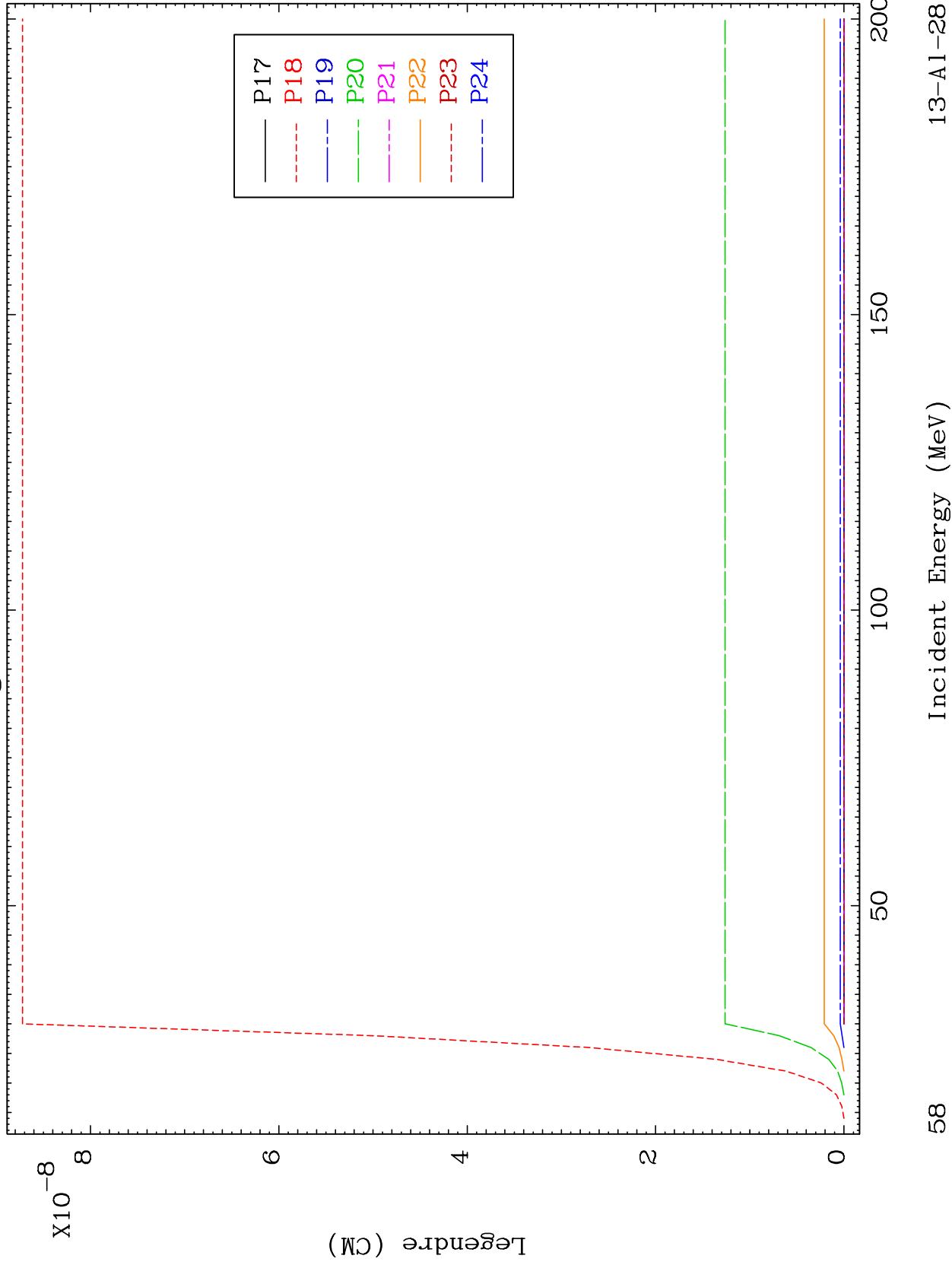
Incident Energy (MeV)

13-A1-28

MAT 1328

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

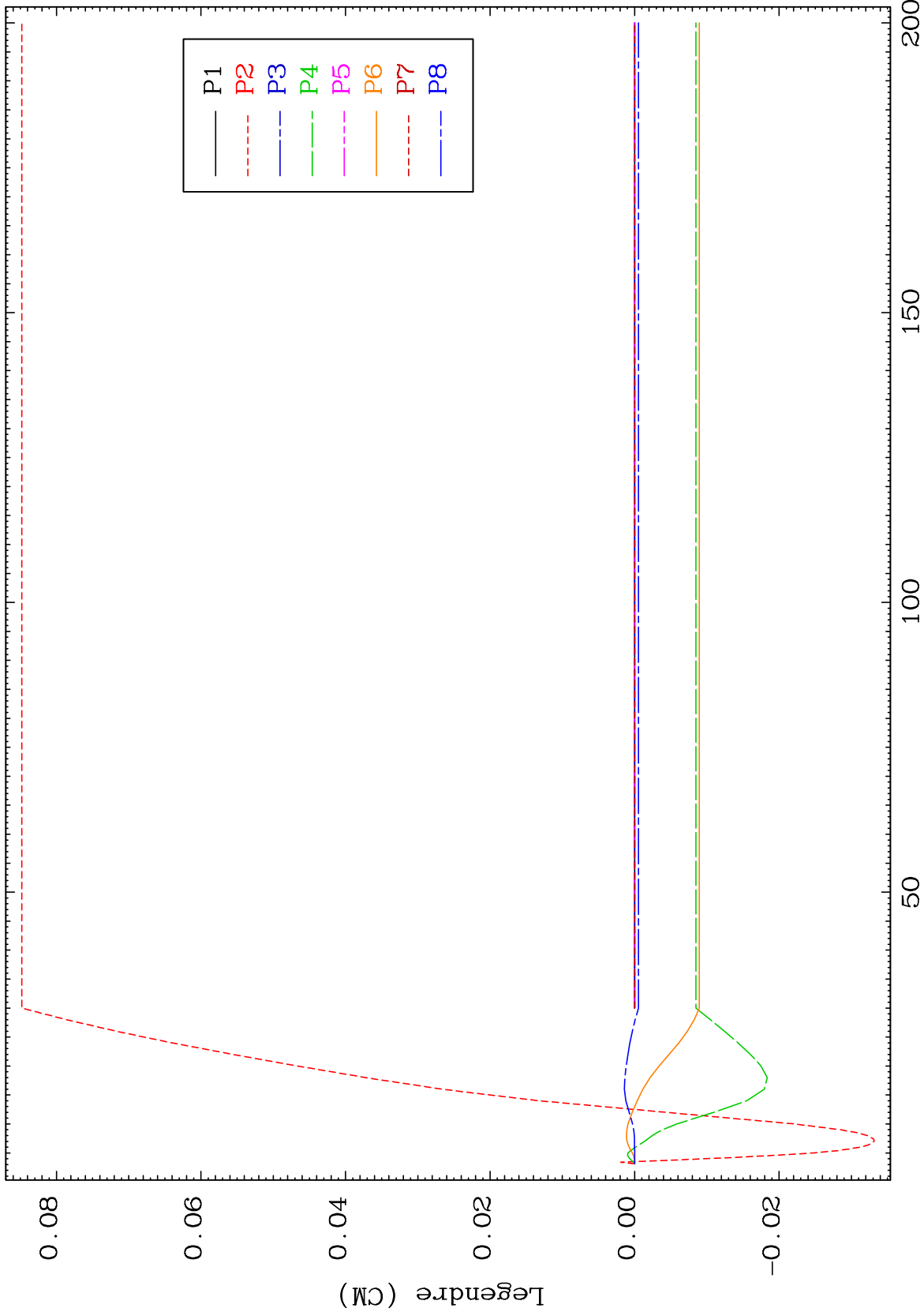
13-A1-28



MAT 1328

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

13-A1-28



59

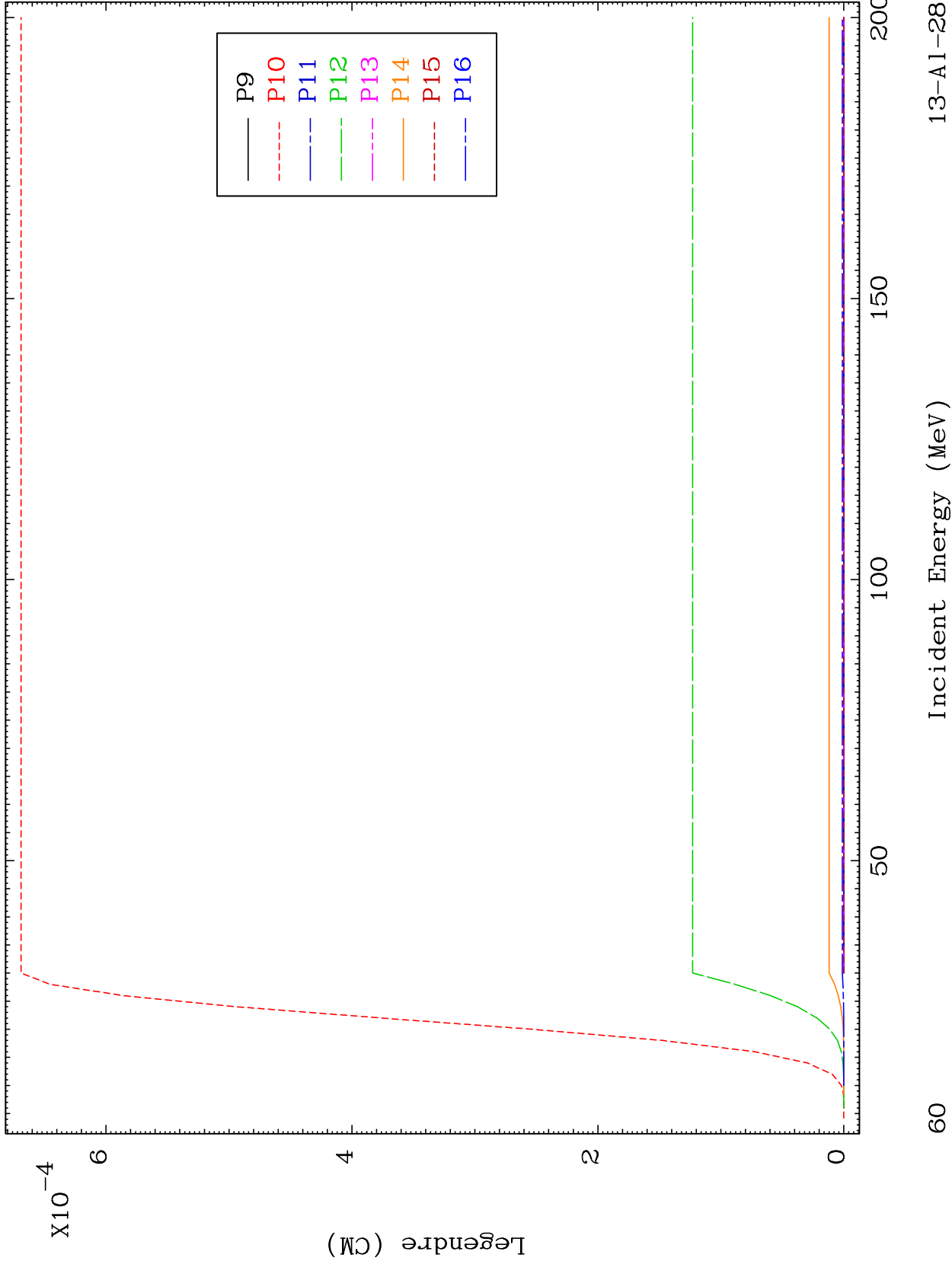
Incident Energy (MeV)

13-A1-28

MAT 1328

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

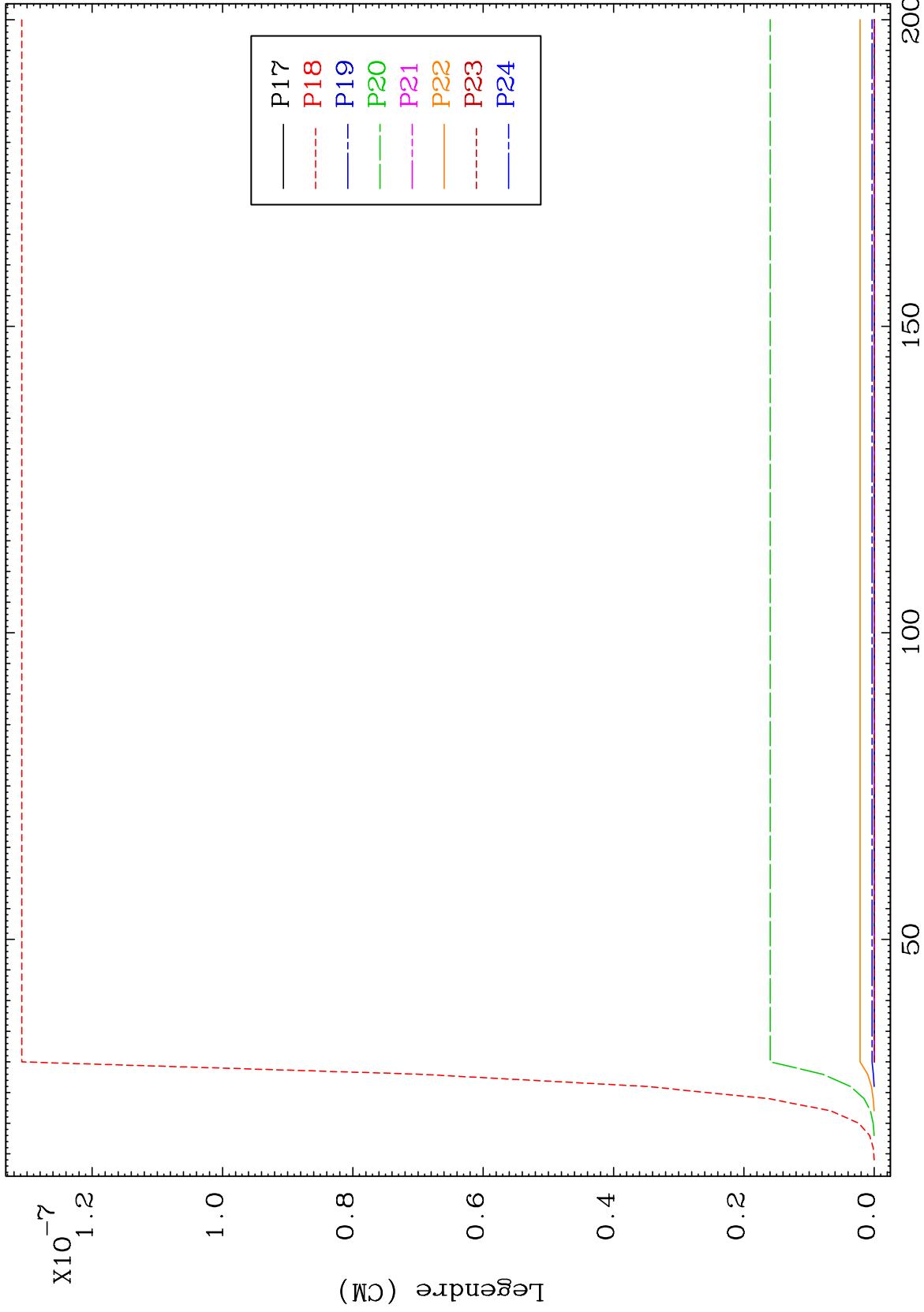
13-Al-28



MAT 1328

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

13-A1-28



61

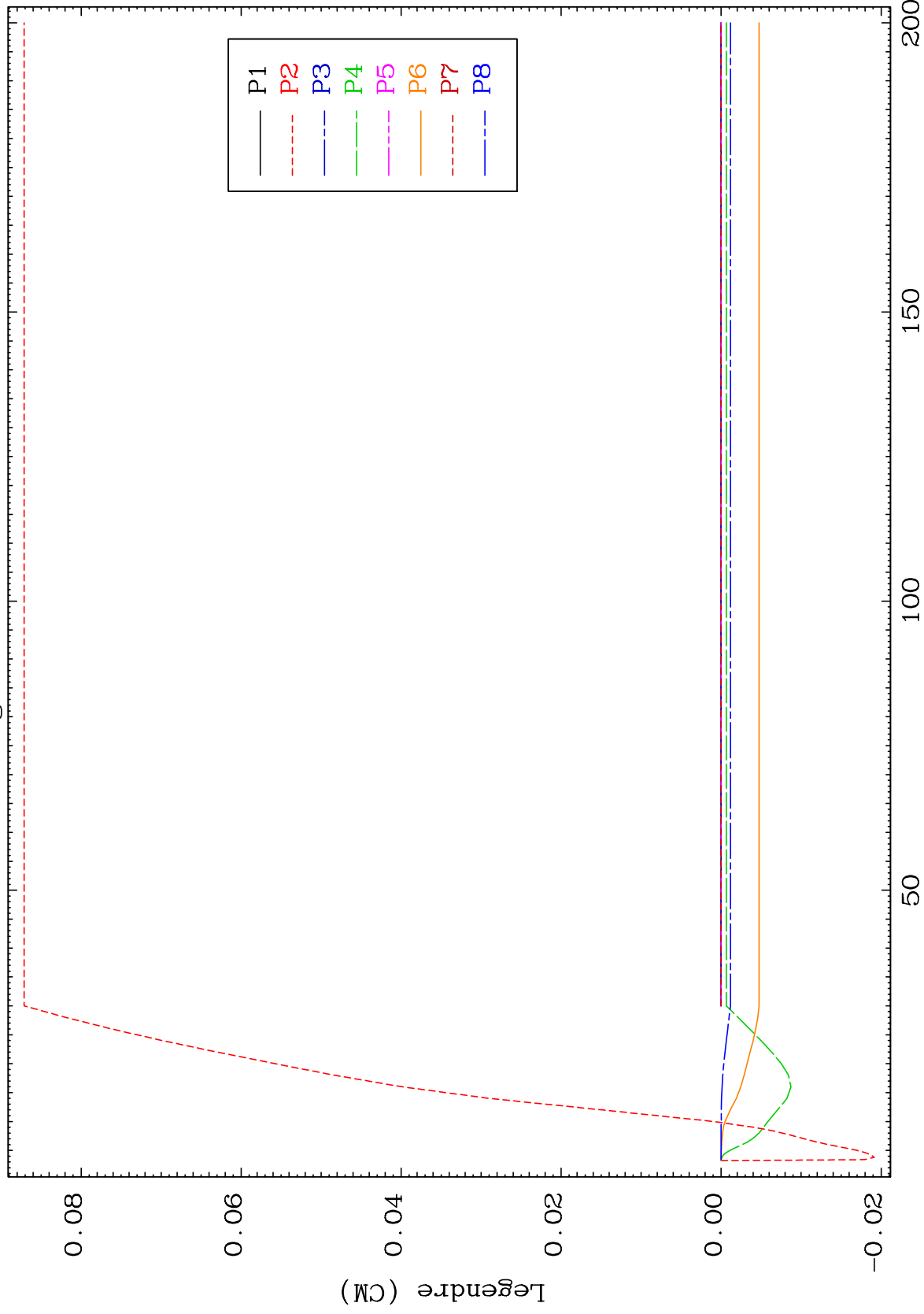
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



62

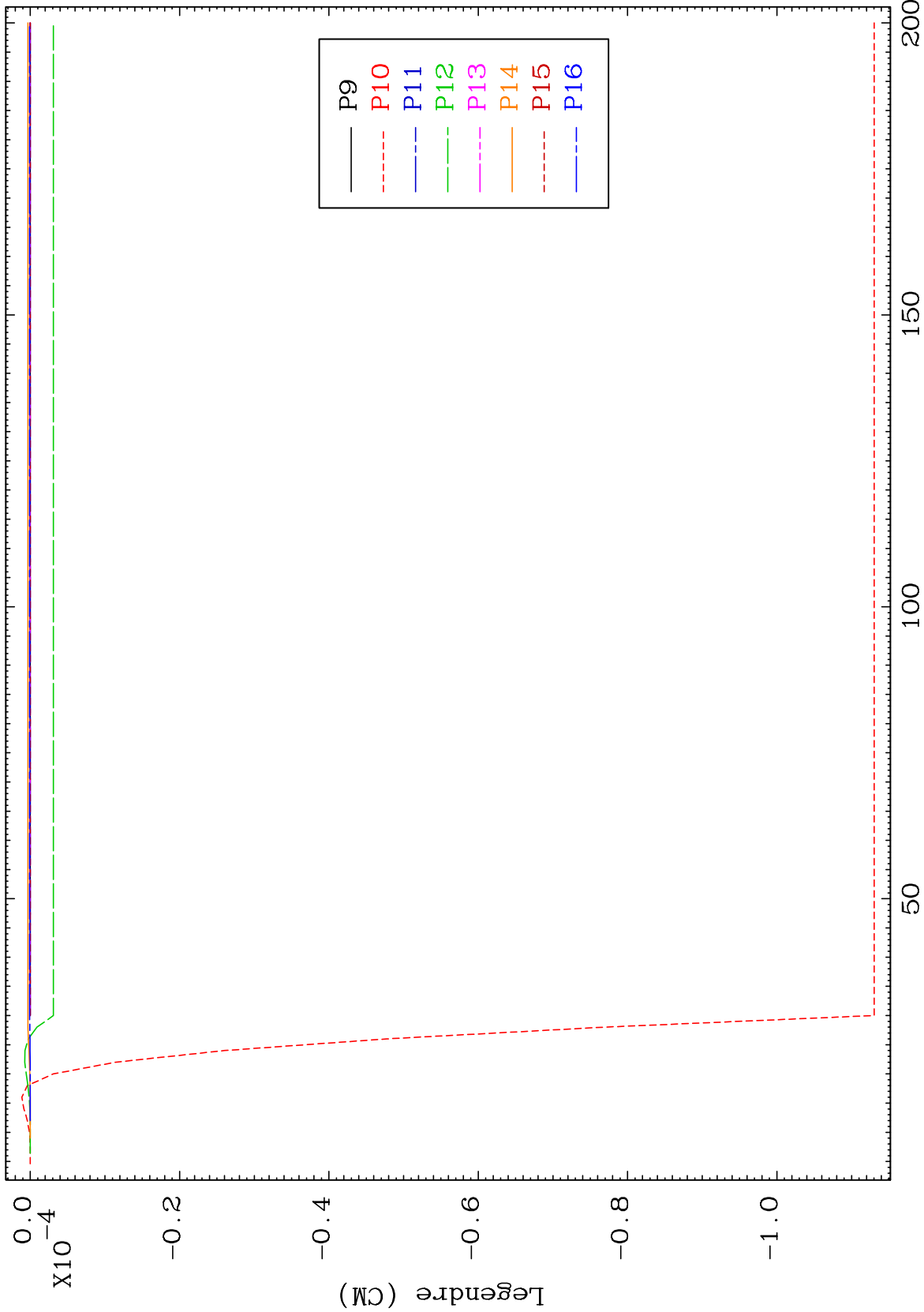
Incident Energy (MeV)

13-A1-28

MAT 1328

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

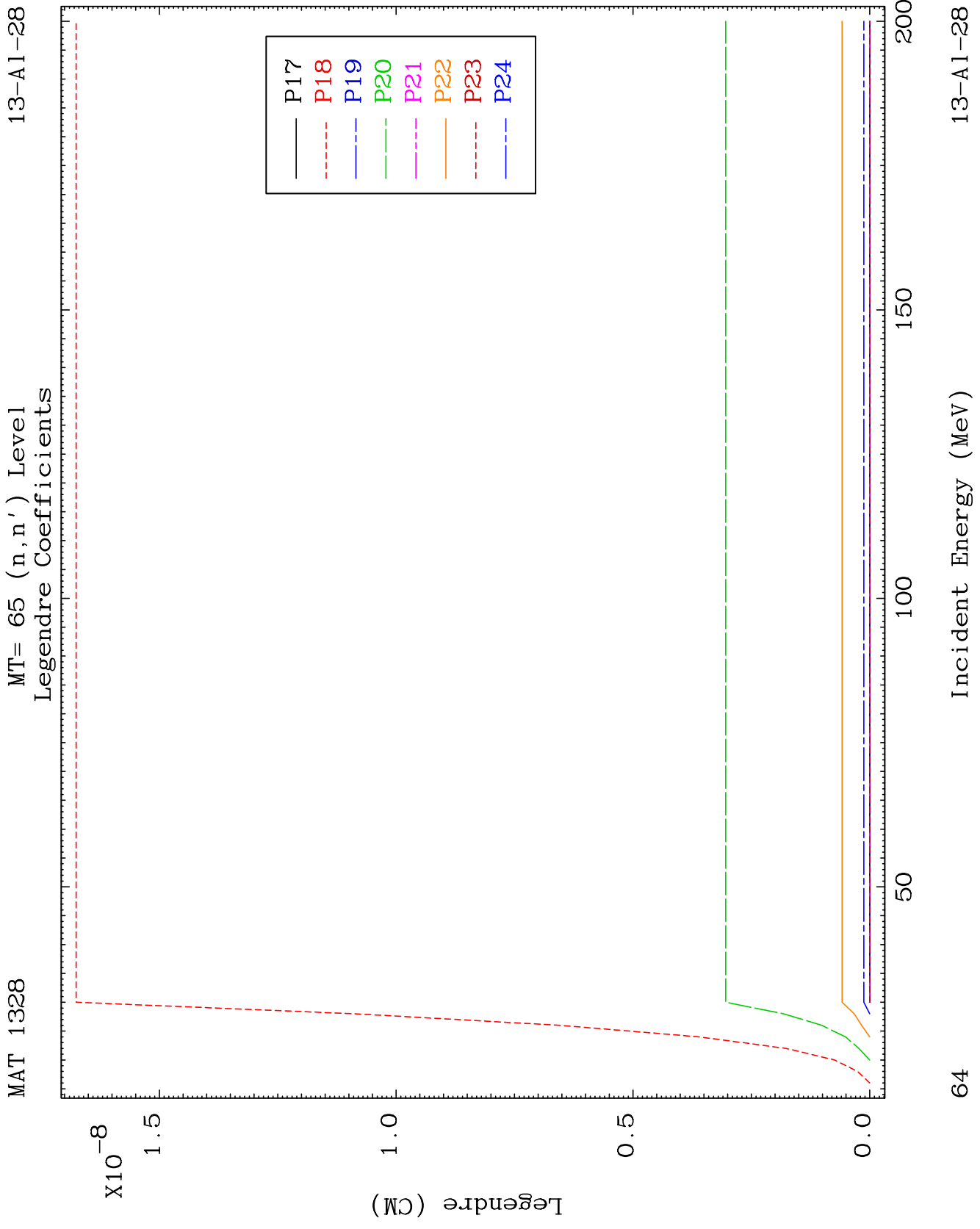
13-A1-28



63

Incident Energy (MeV)

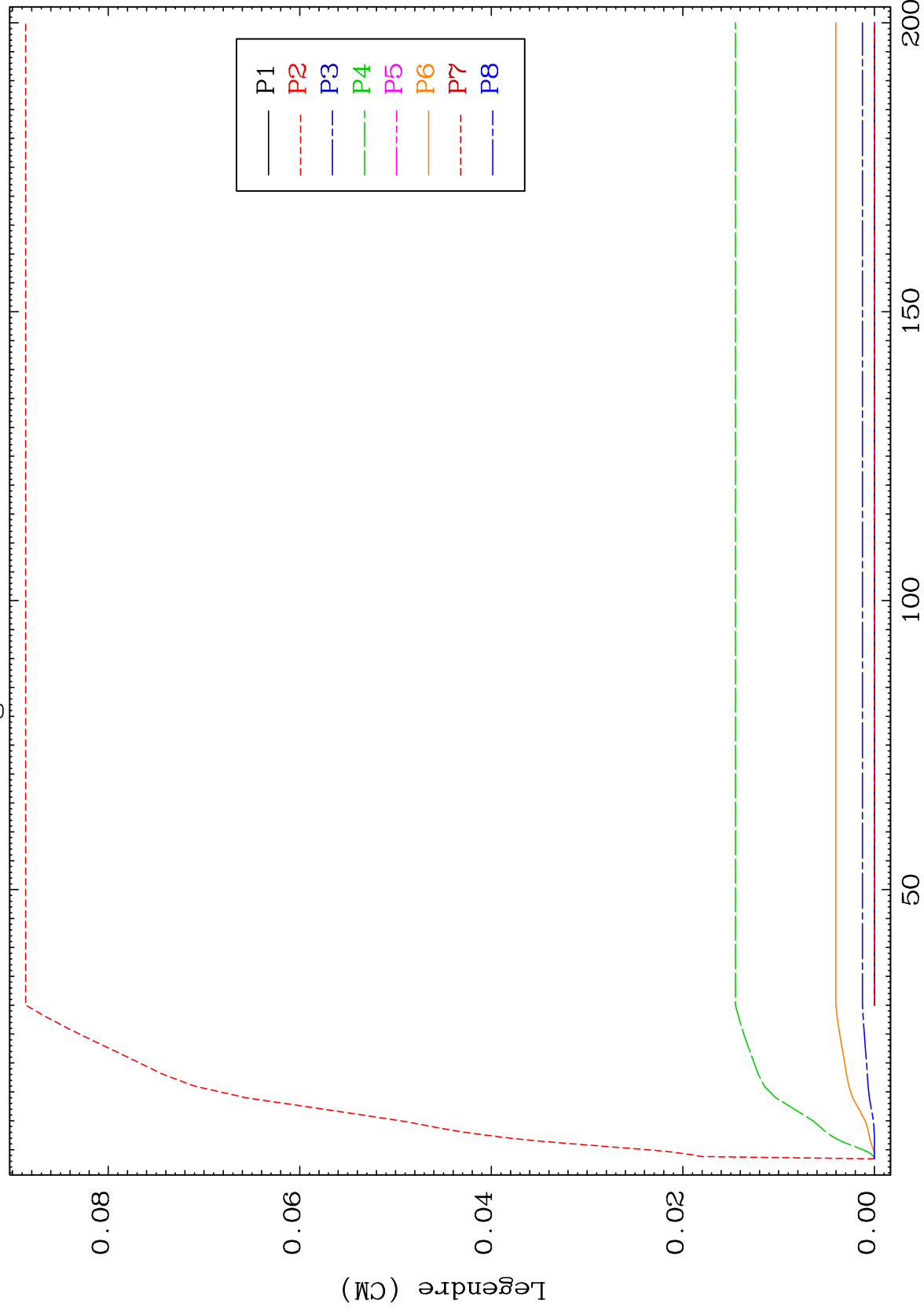
13-A1-28



MAT 1328

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

13-A1-28



65

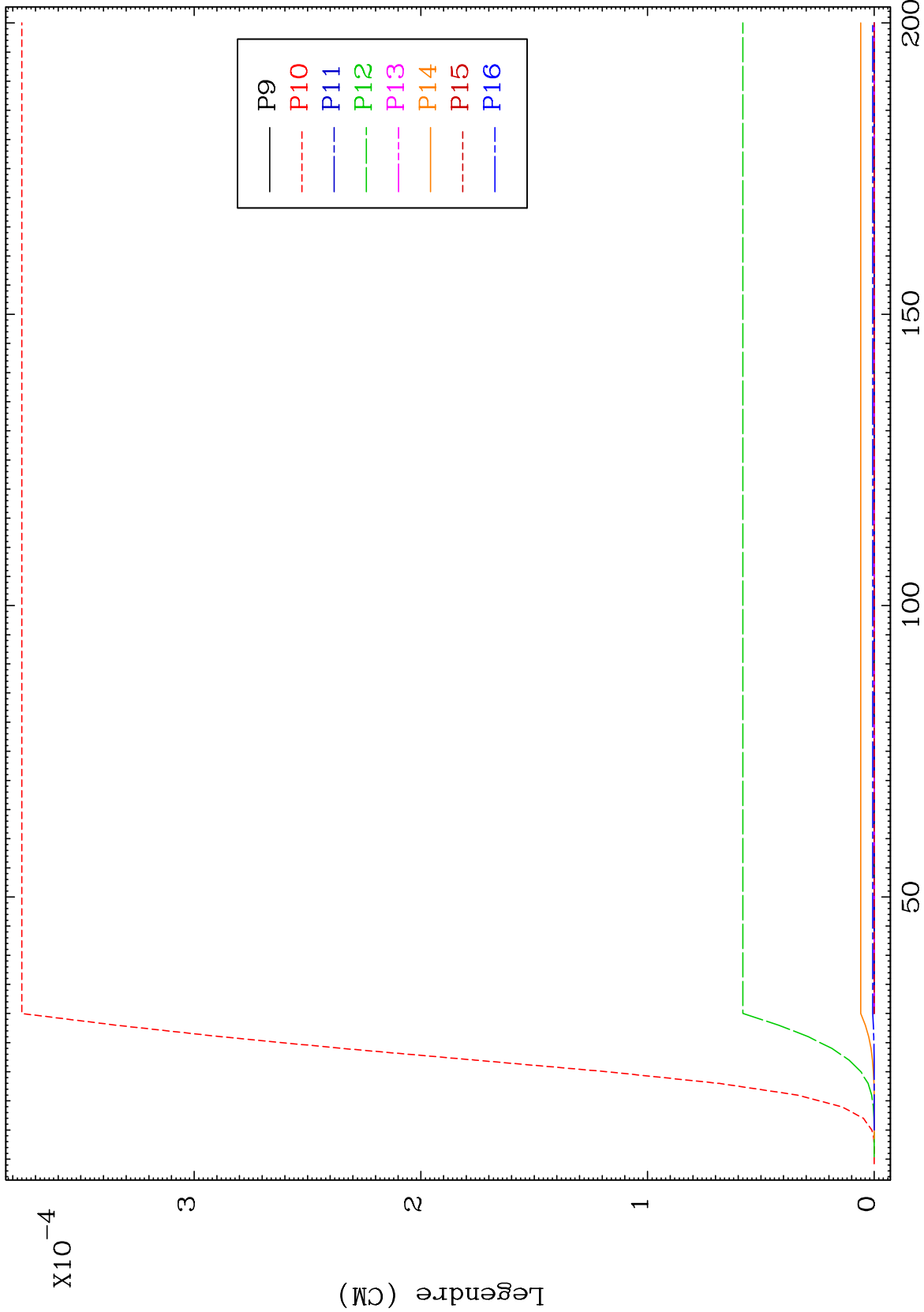
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



66

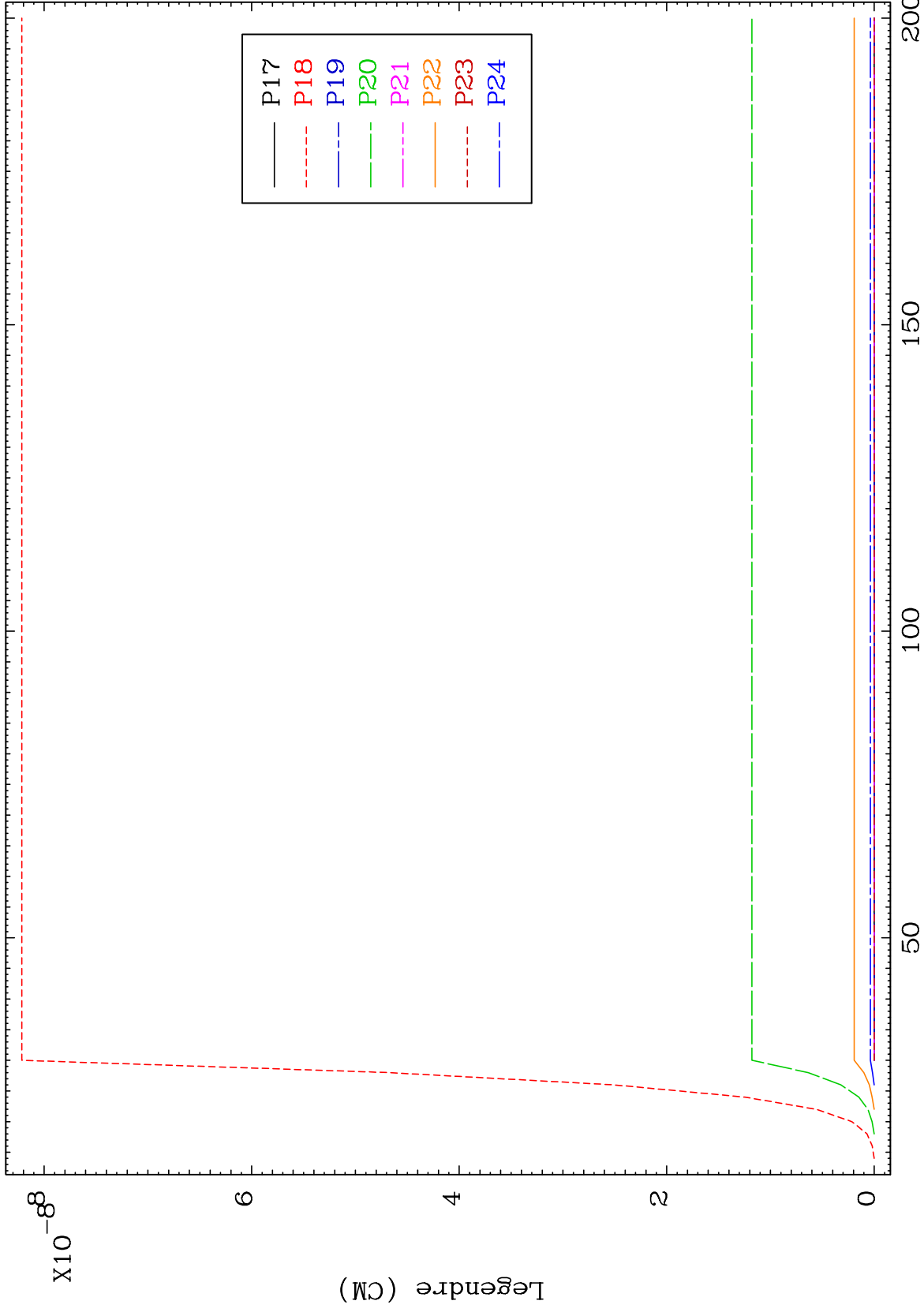
Incident Energy (MeV)

13-A1-28

MAT 1328

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

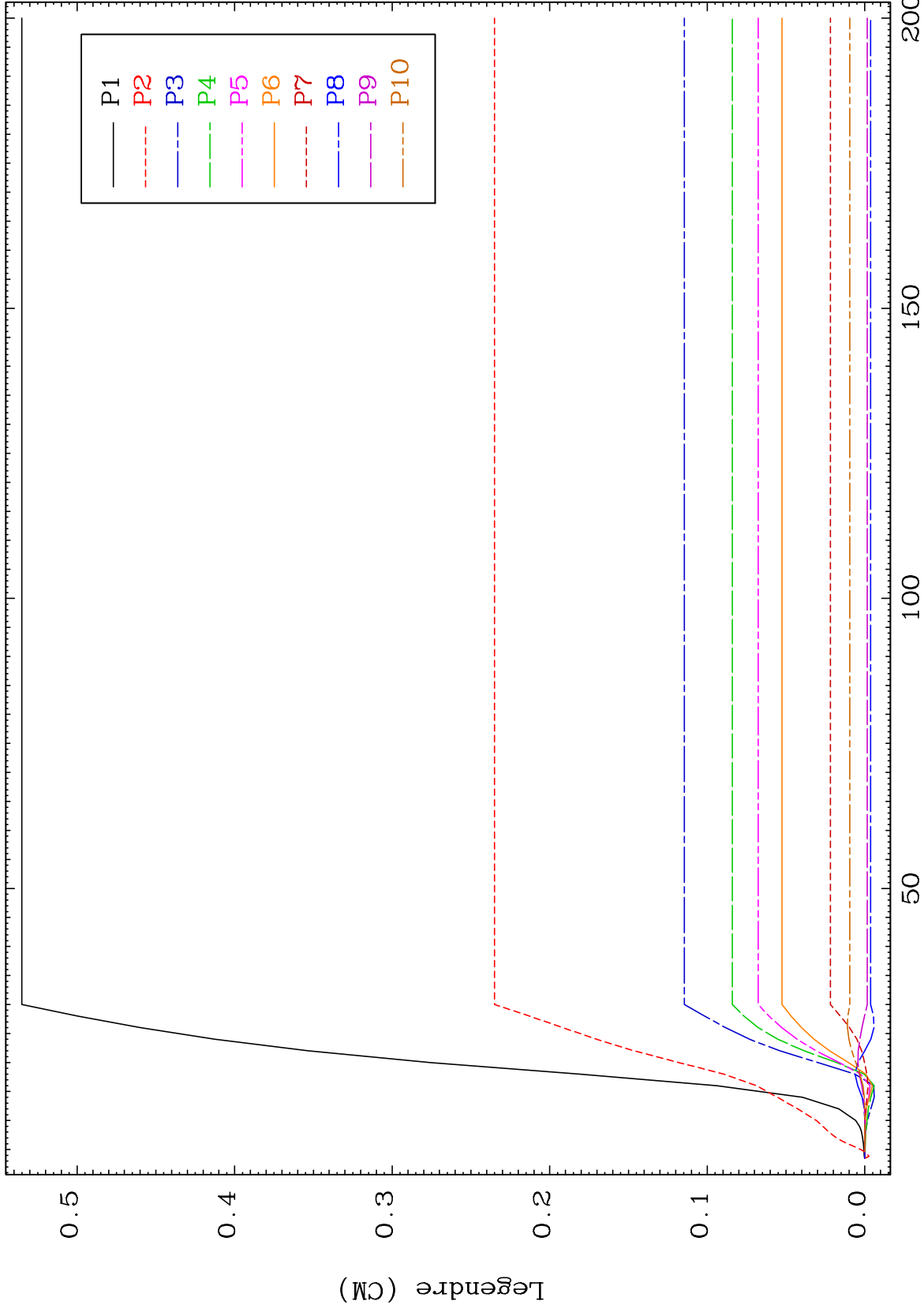
13-A1-28

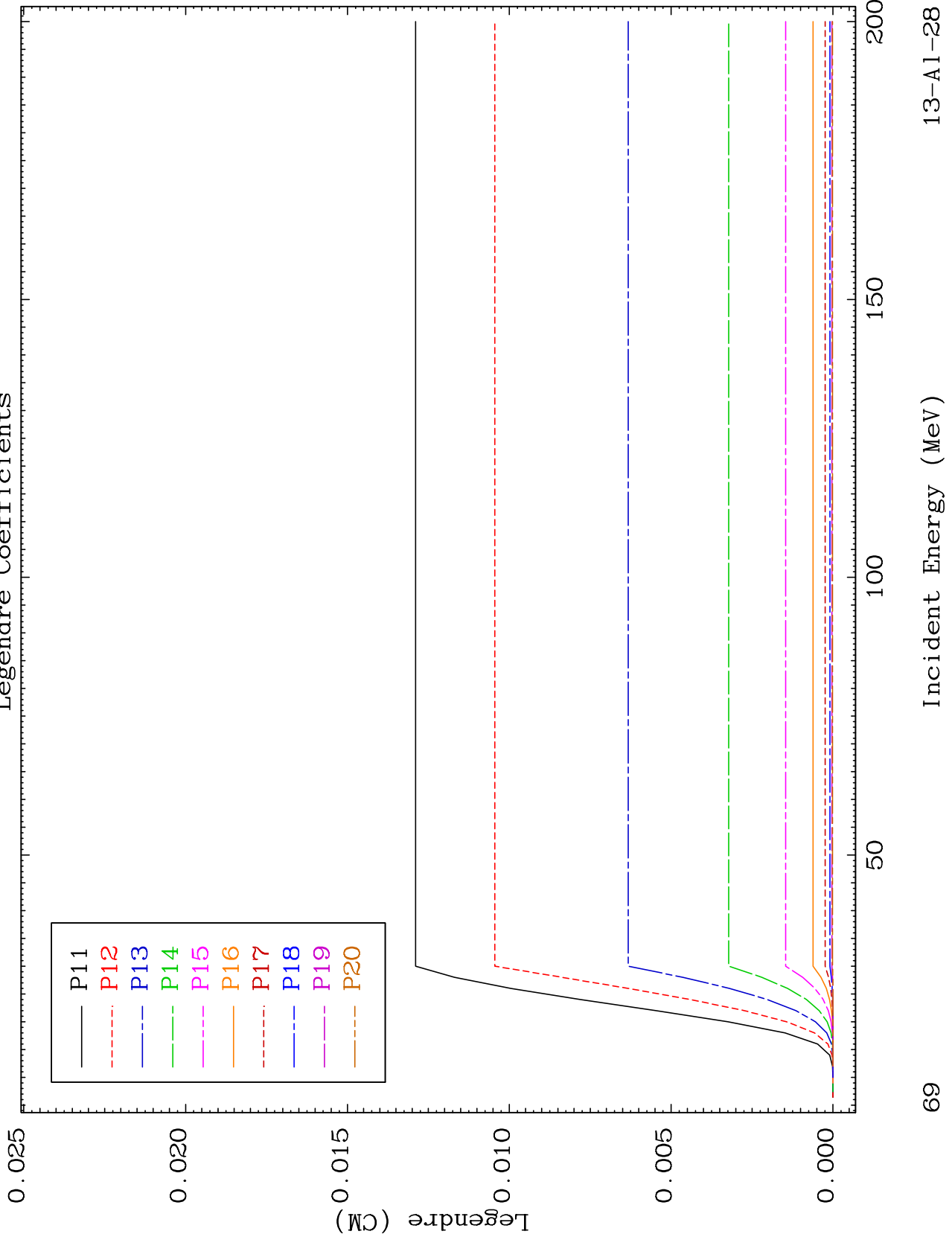


67

Incident Energy (MeV)

13-A1-28

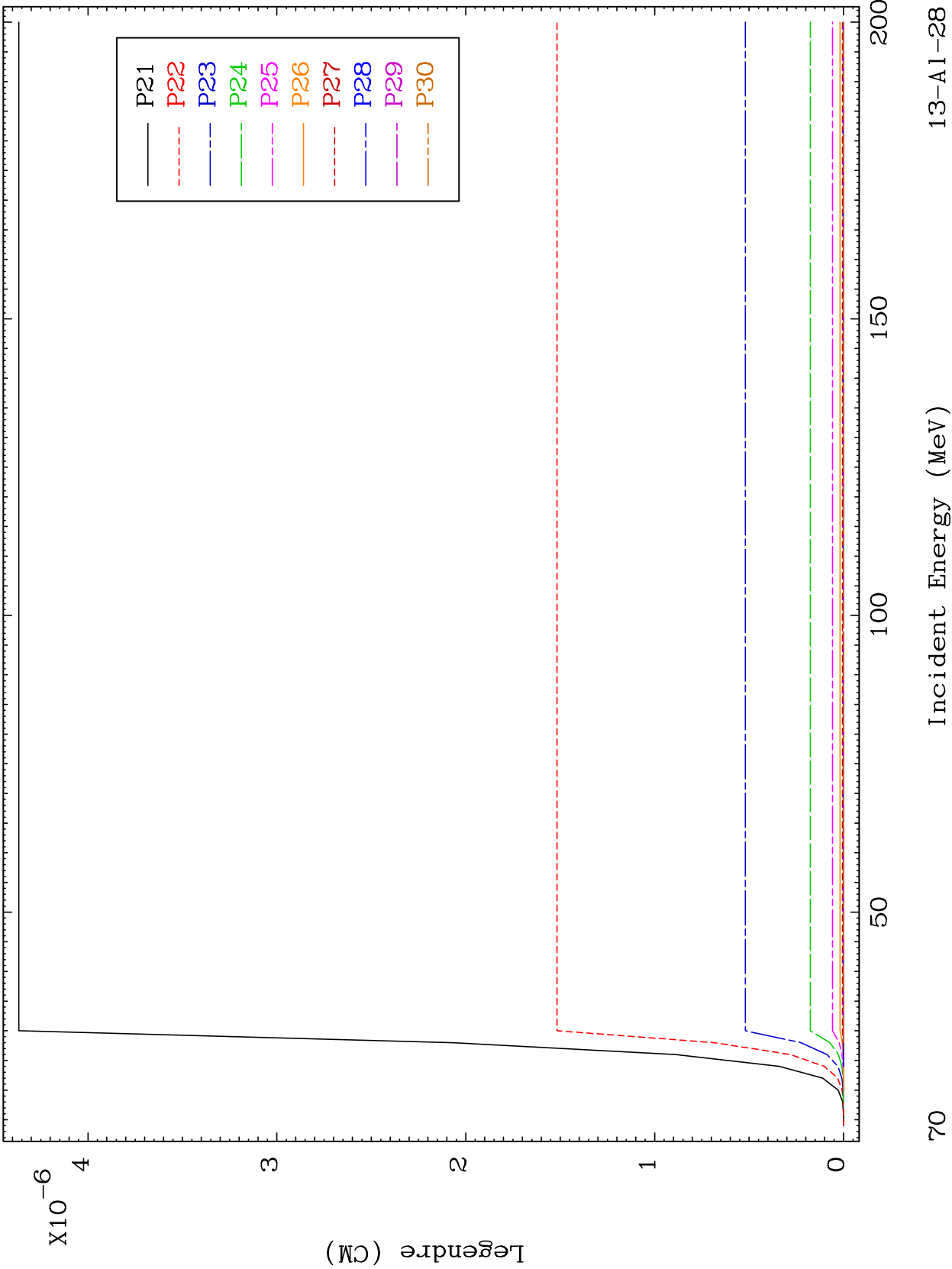




MAT 1328

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

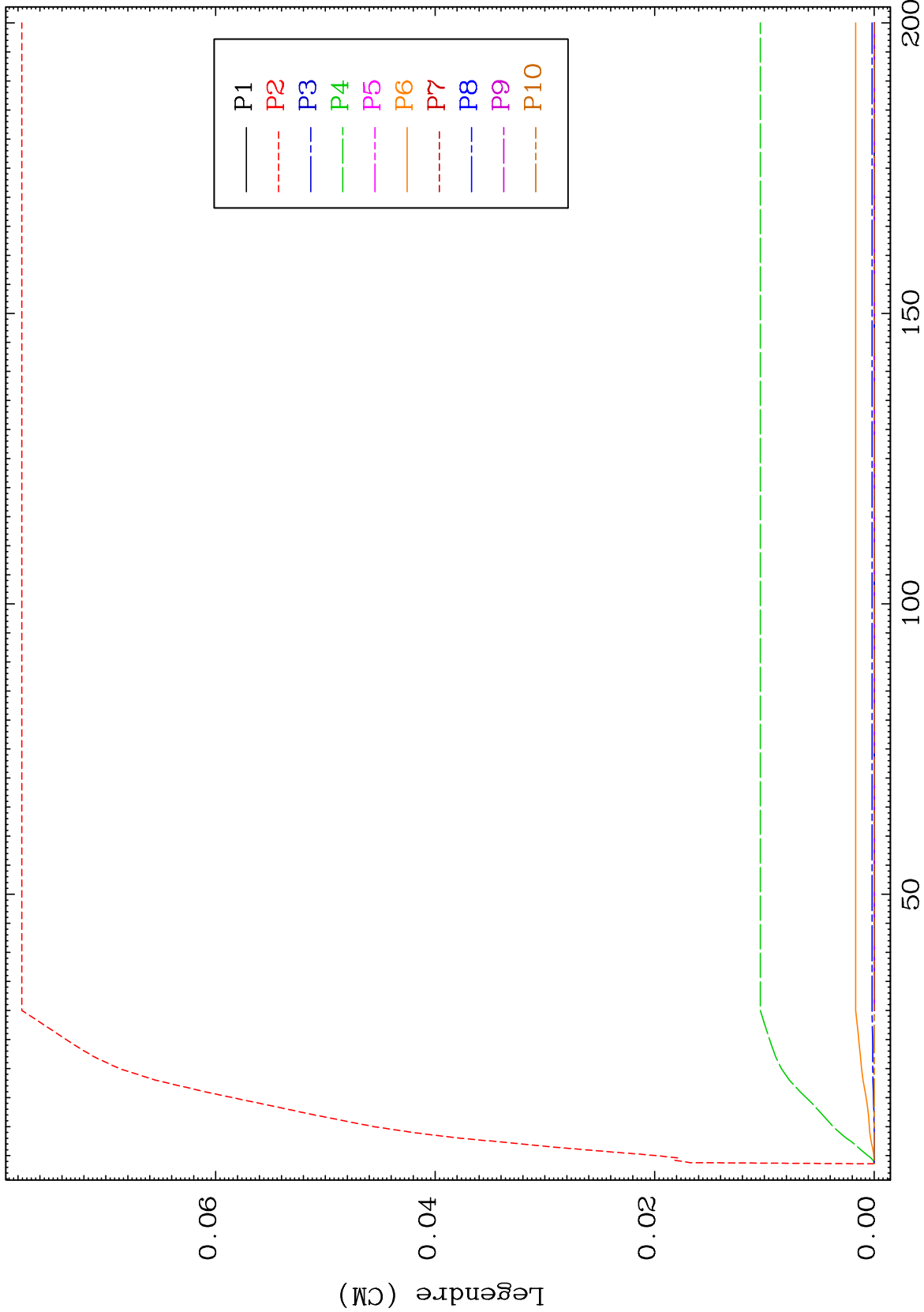
13-Al-28



MAT 1328

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

13-A1-28



71

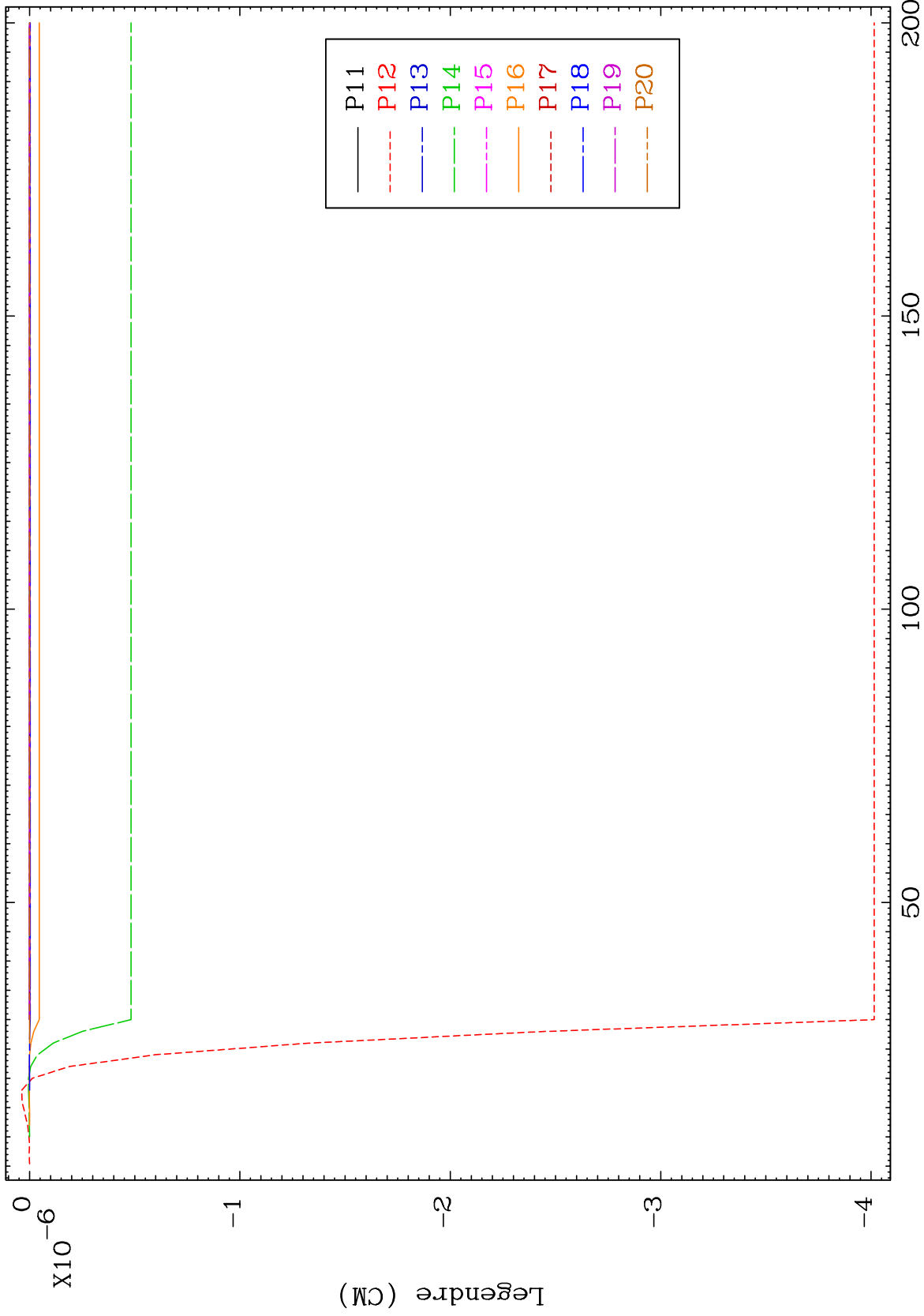
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



72

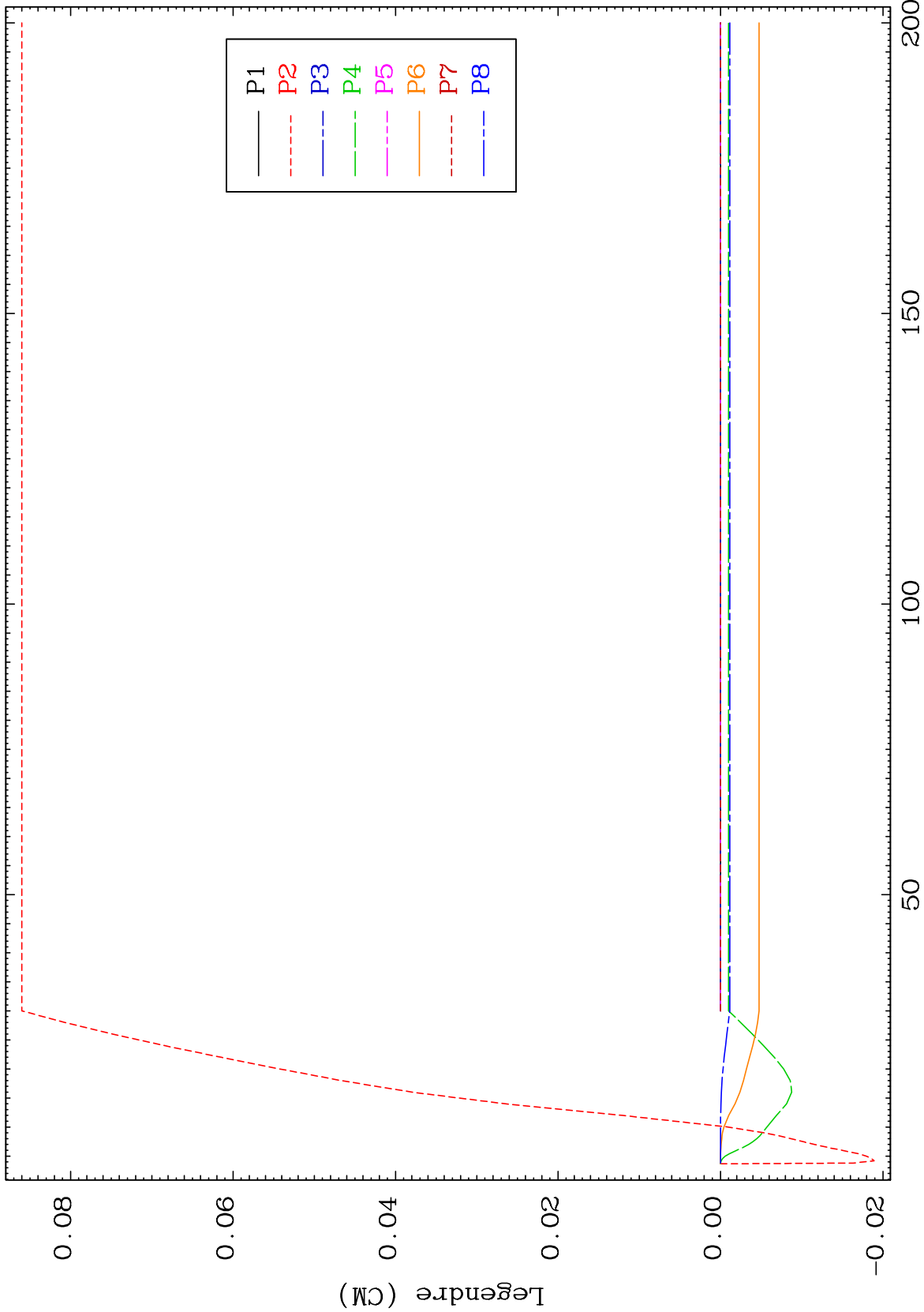
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



73

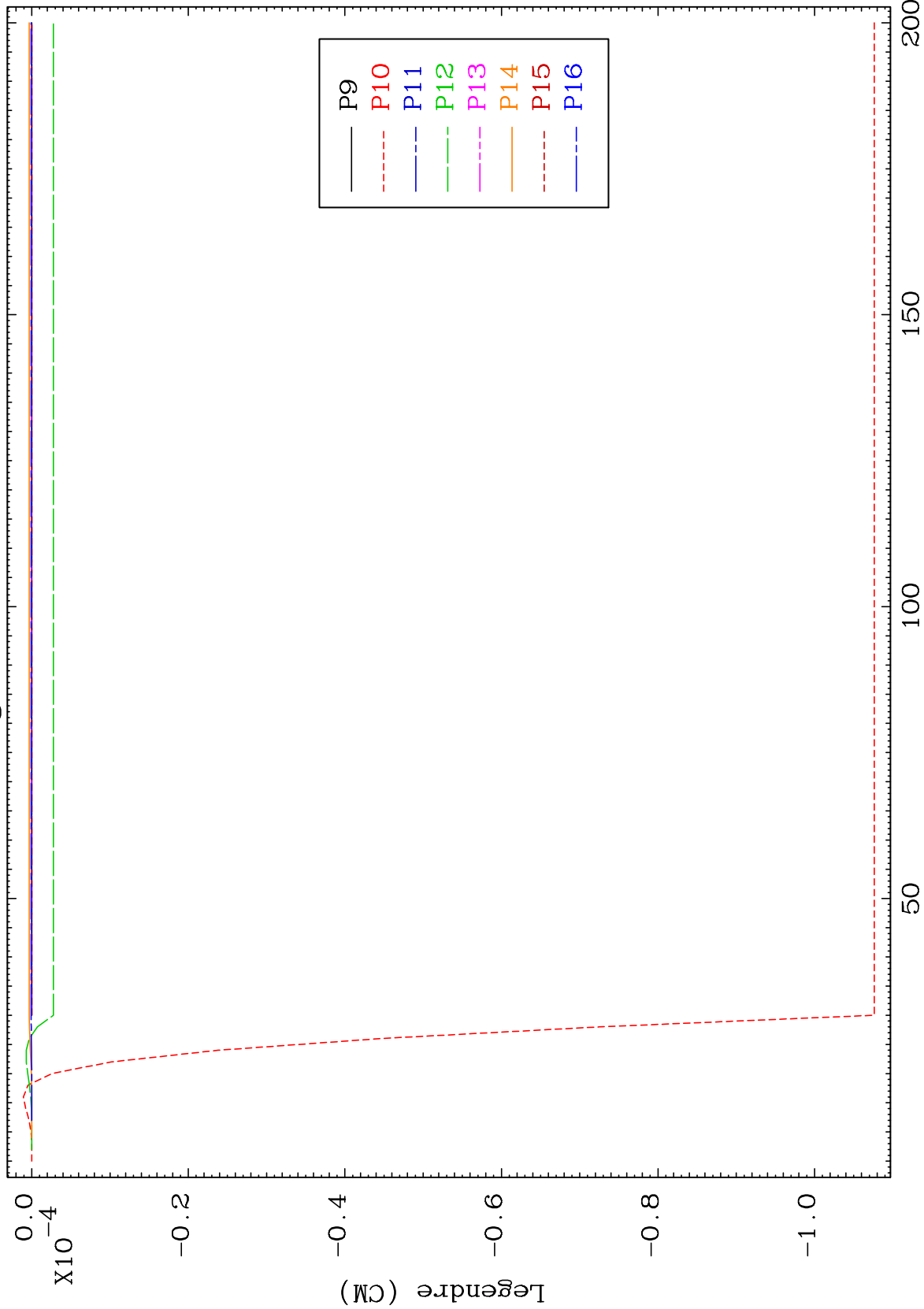
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



74

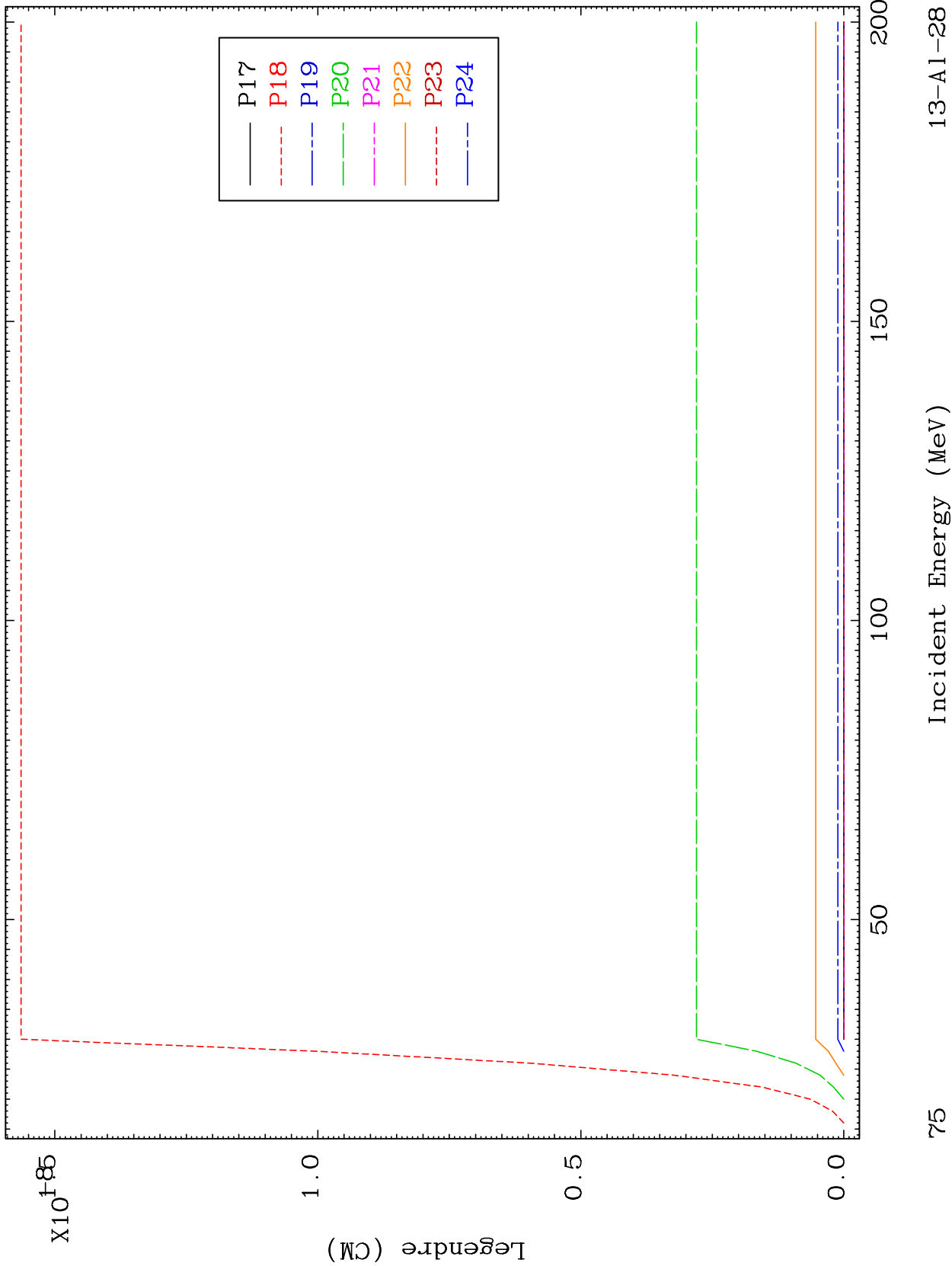
Incident Energy (MeV)

13-A1-28

MAT 1328

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

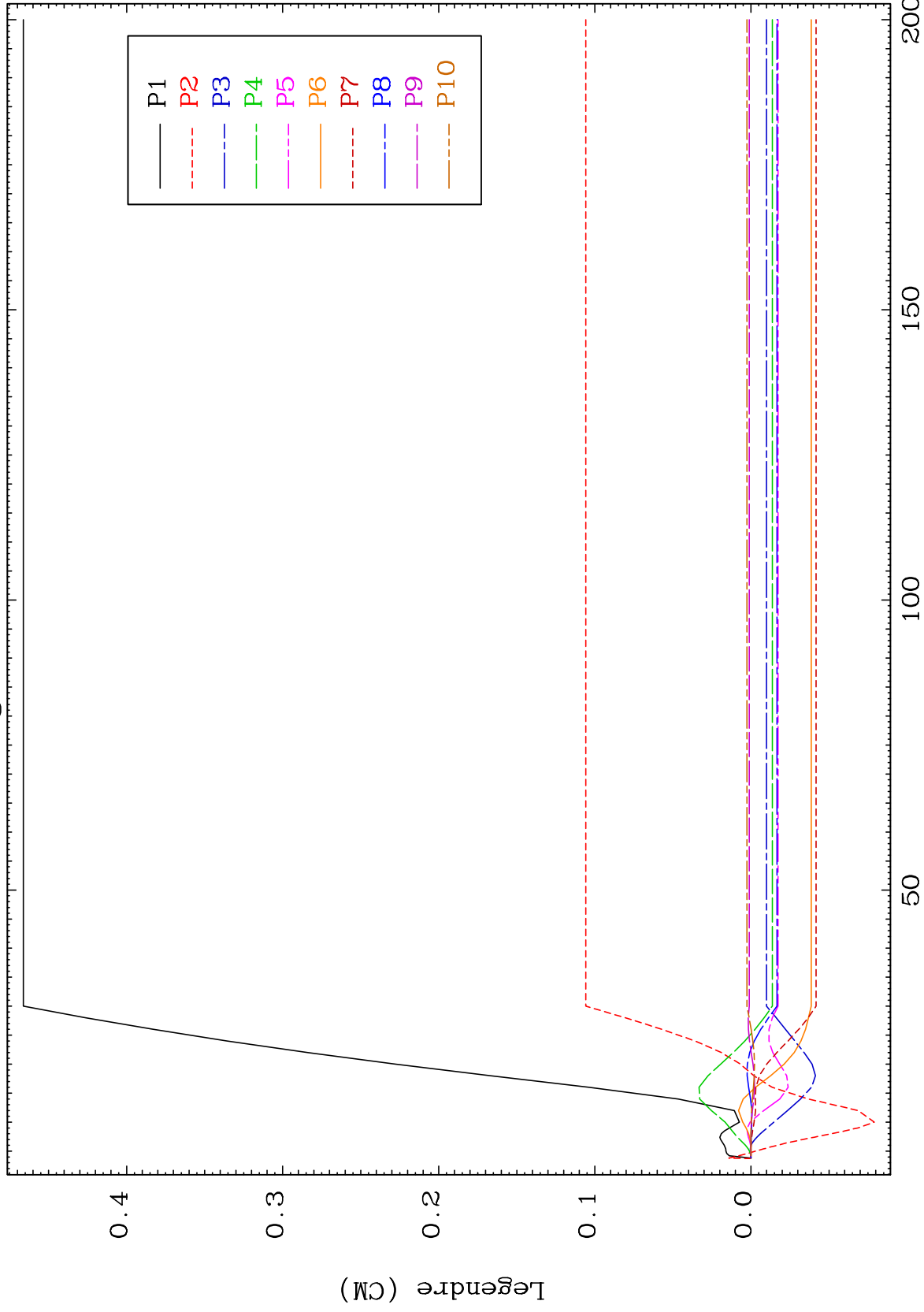
13-A1-28



75

Incident Energy (MeV)

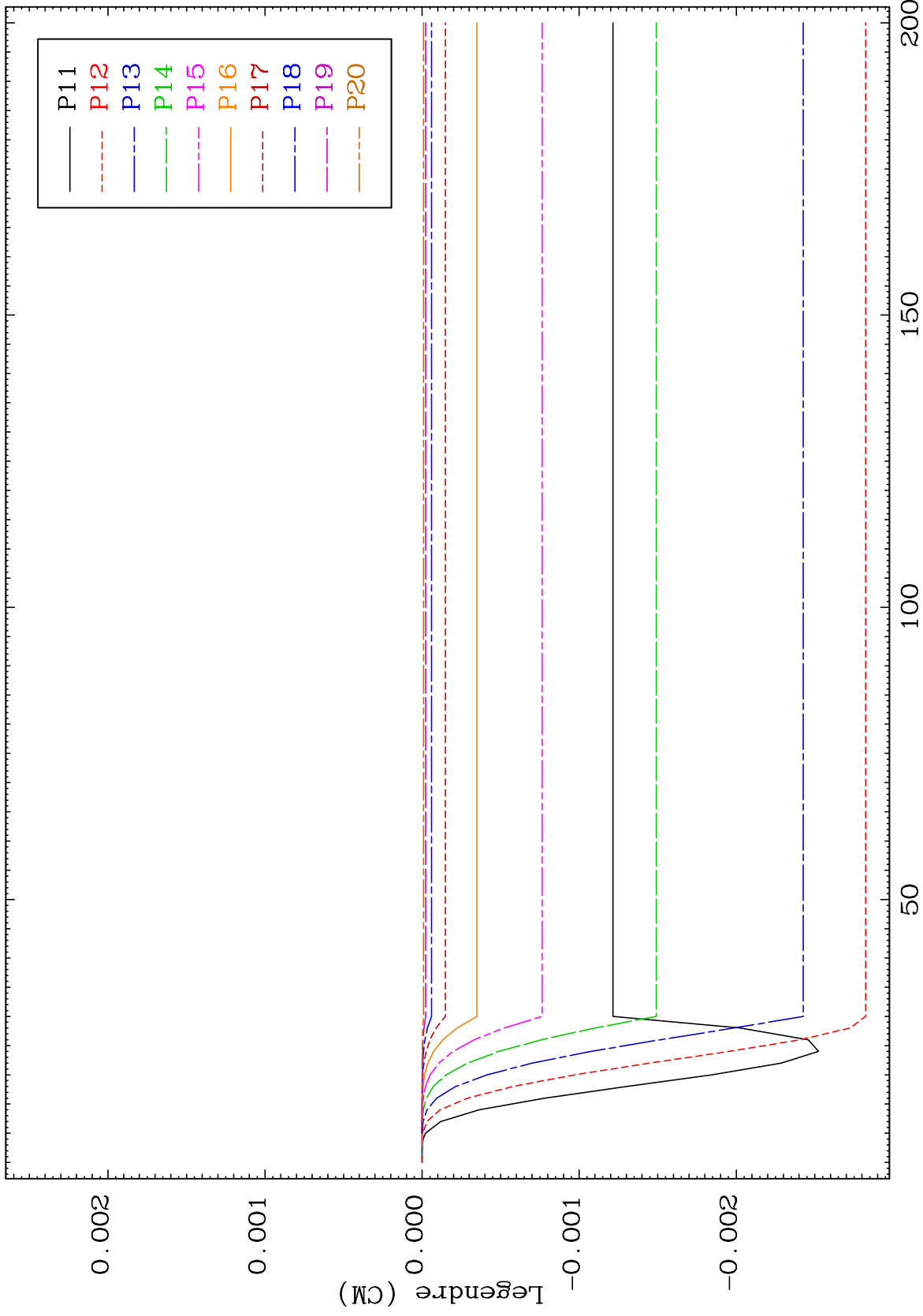
13-A1-28



MAT 1328

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

13-Al-28



77

Incident Energy (MeV)

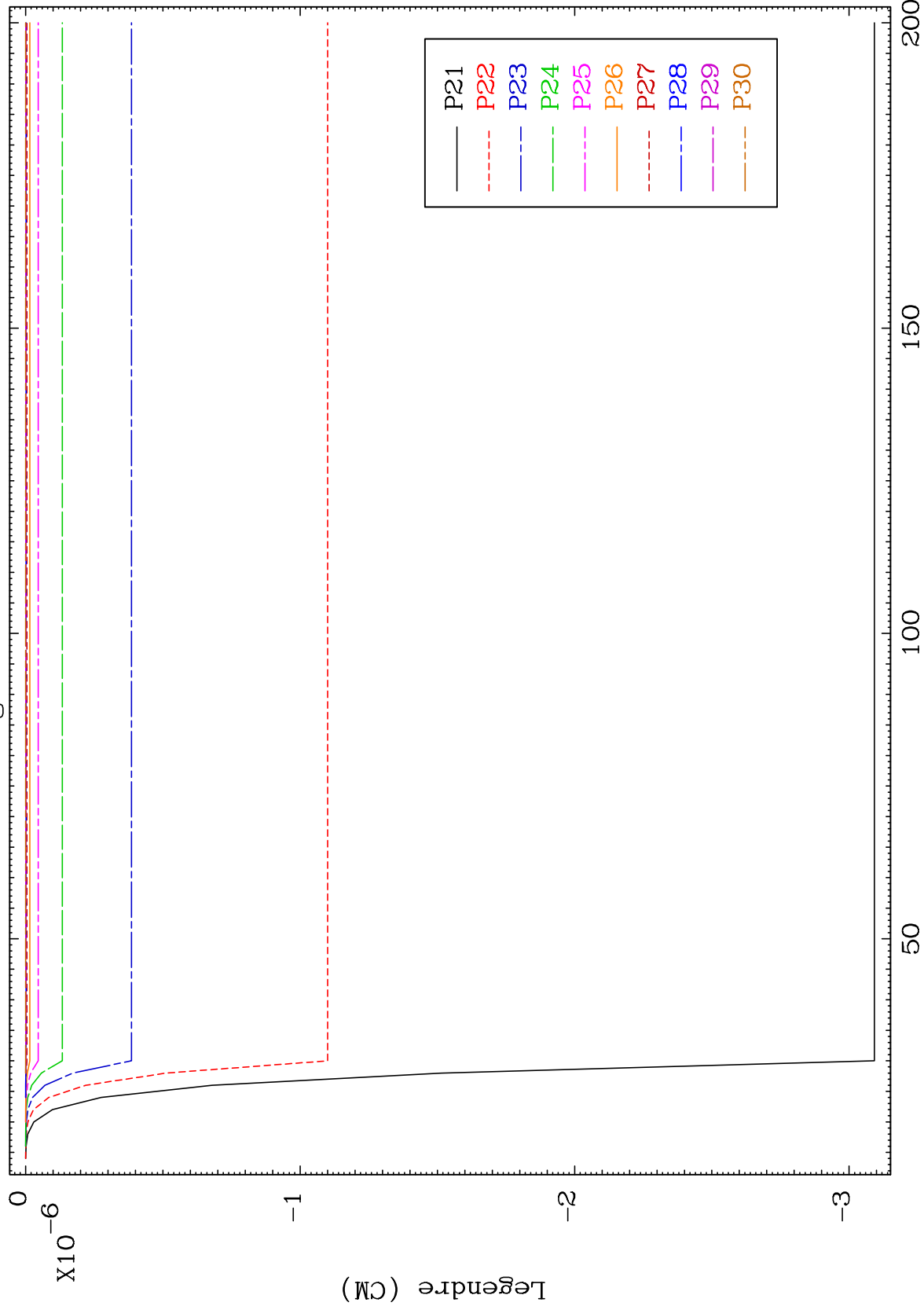
13-Al-28

MAT 1328

MT= 70 (n,n') Level

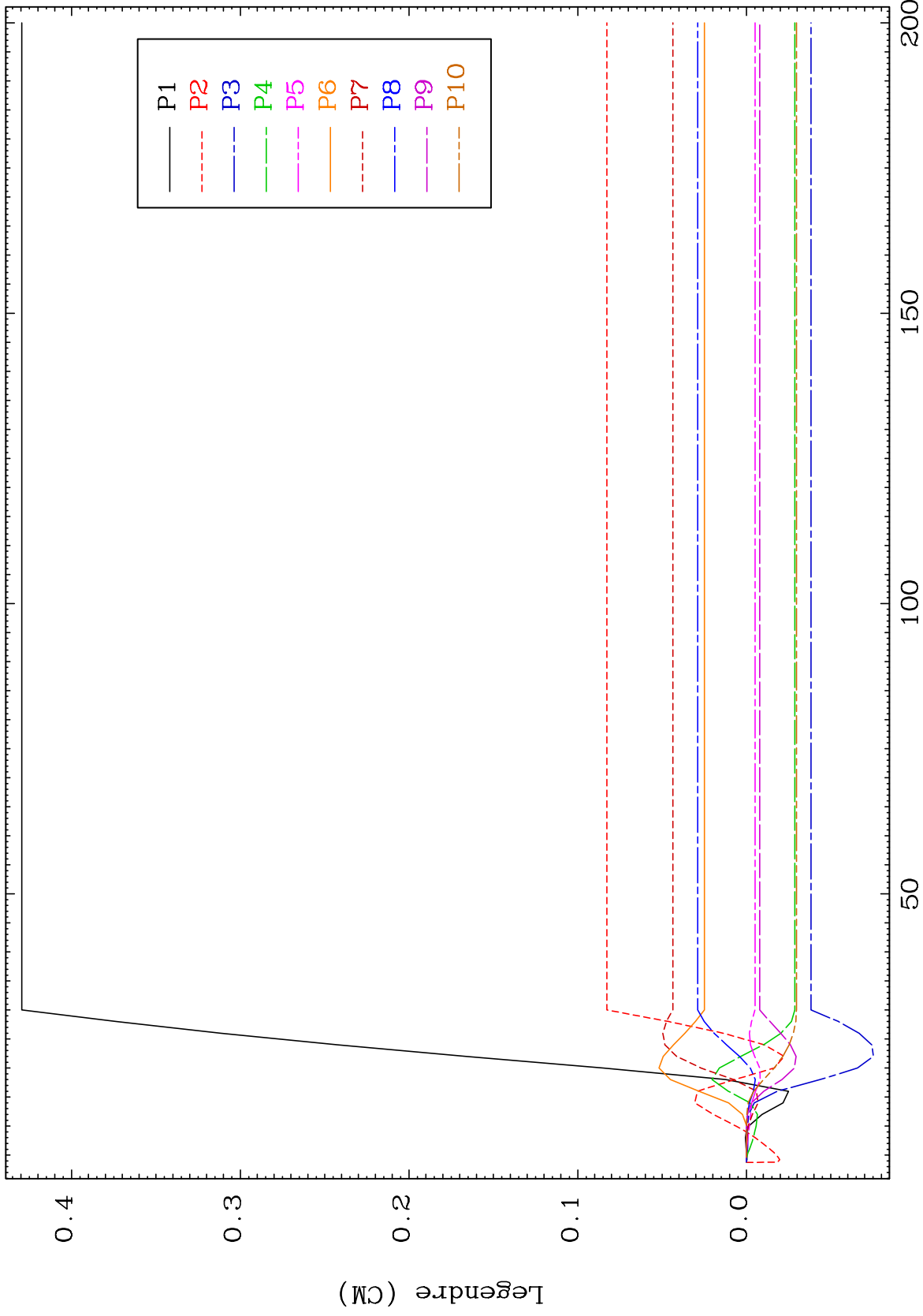
13-A1-28

Legendre Coefficients



78

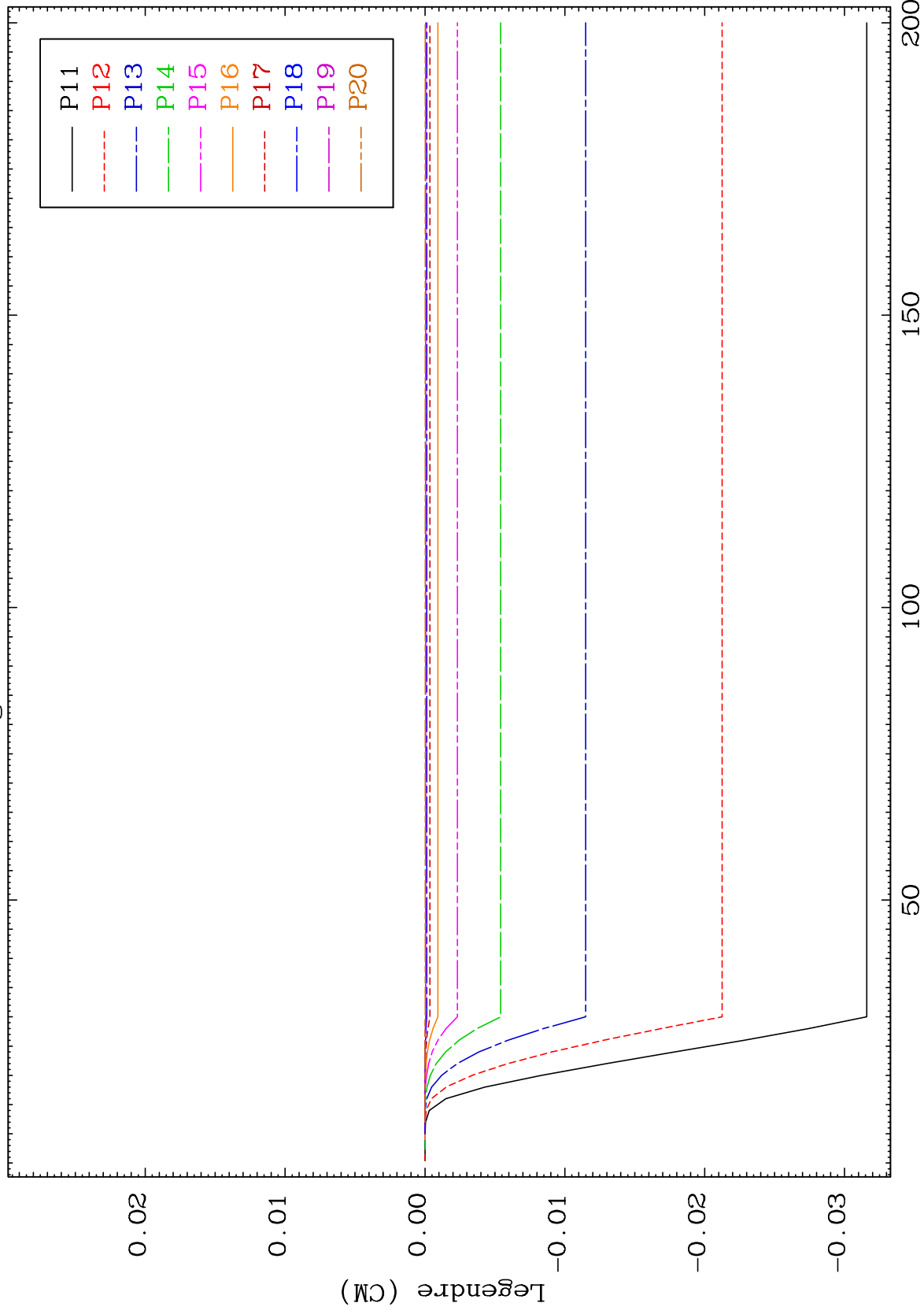
13-A1-28



MAT 1328

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

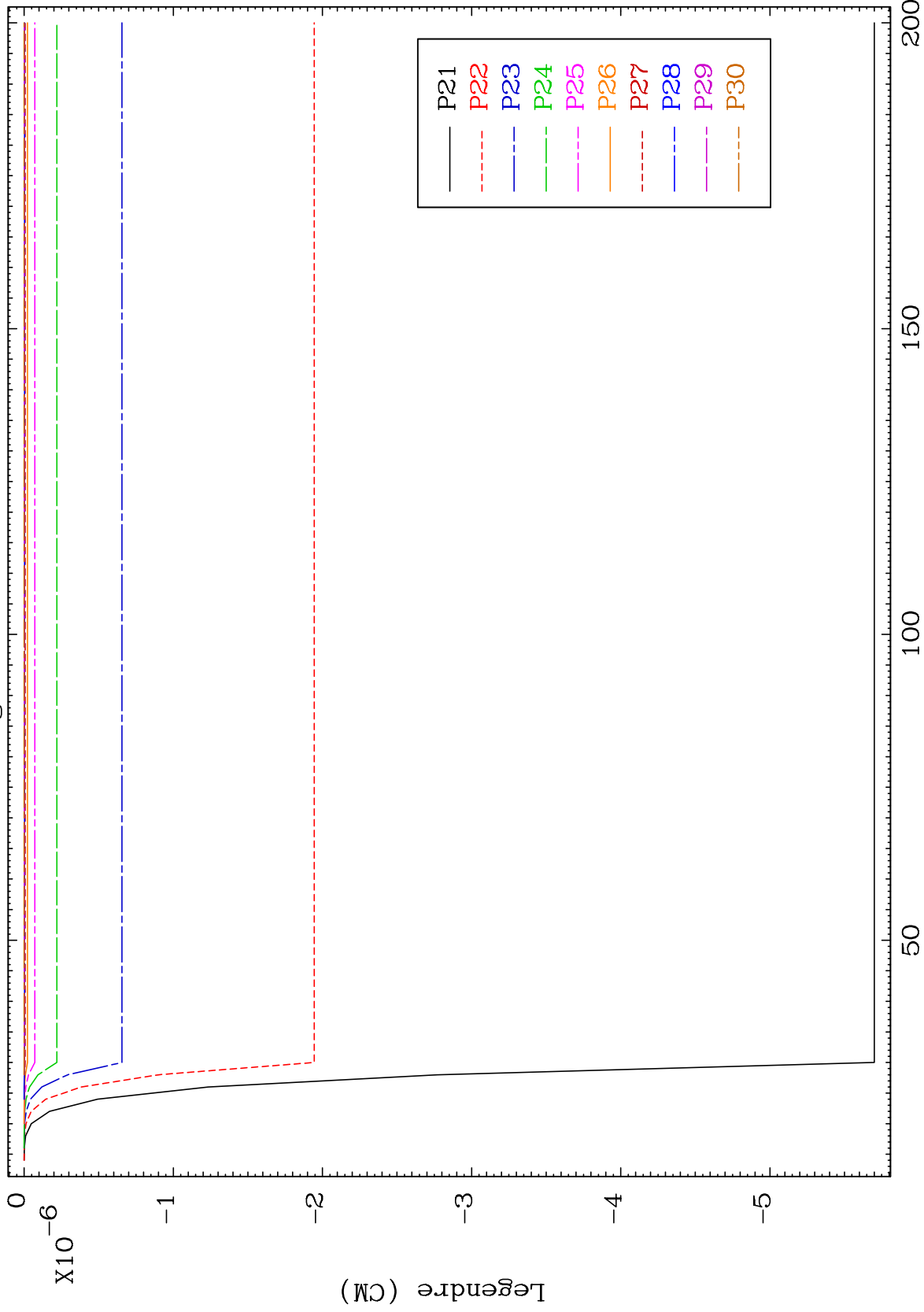
13-Al-28



80

Incident Energy (MeV)

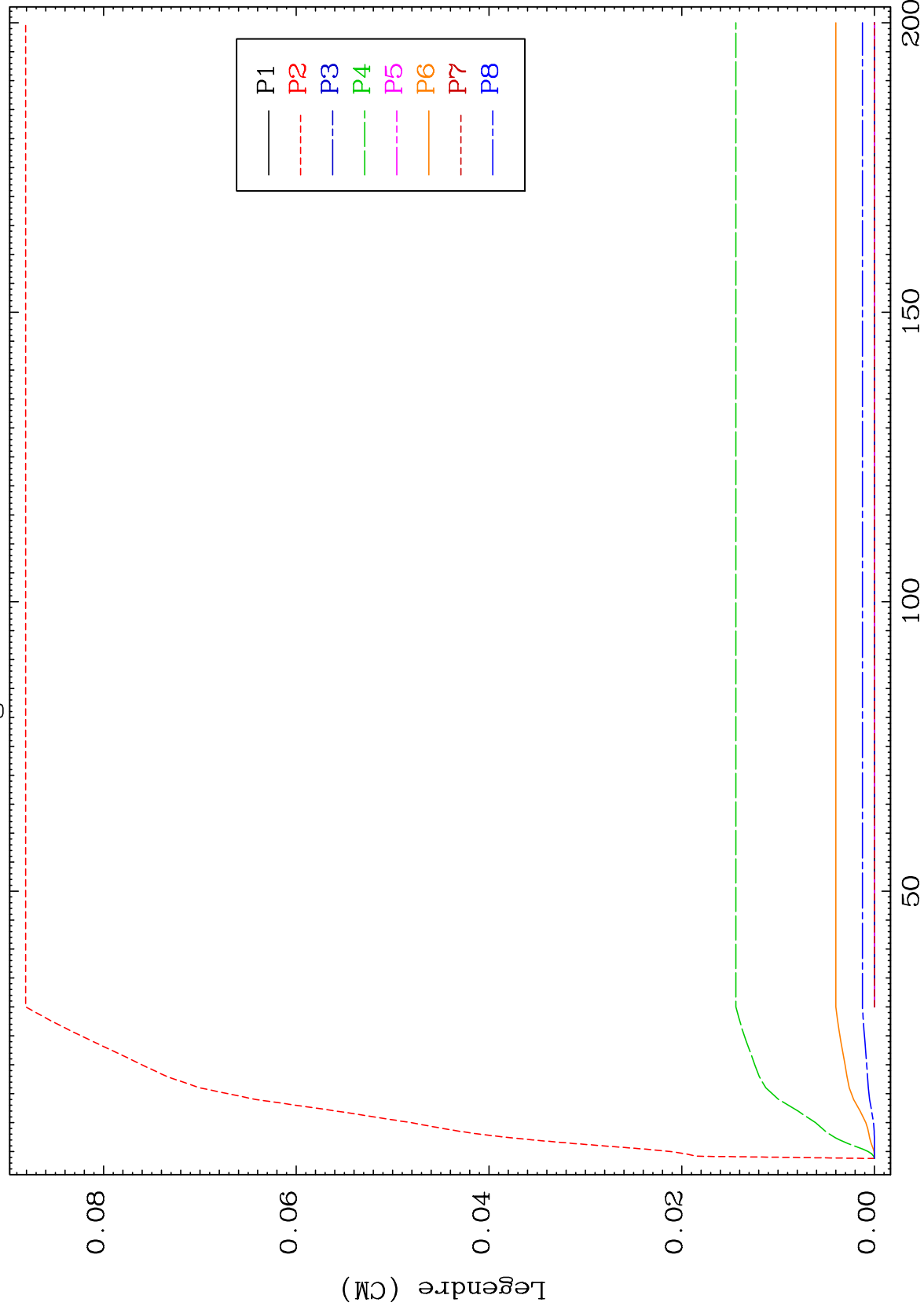
13-Al-28



MAT 1328

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

13-A1-28



82

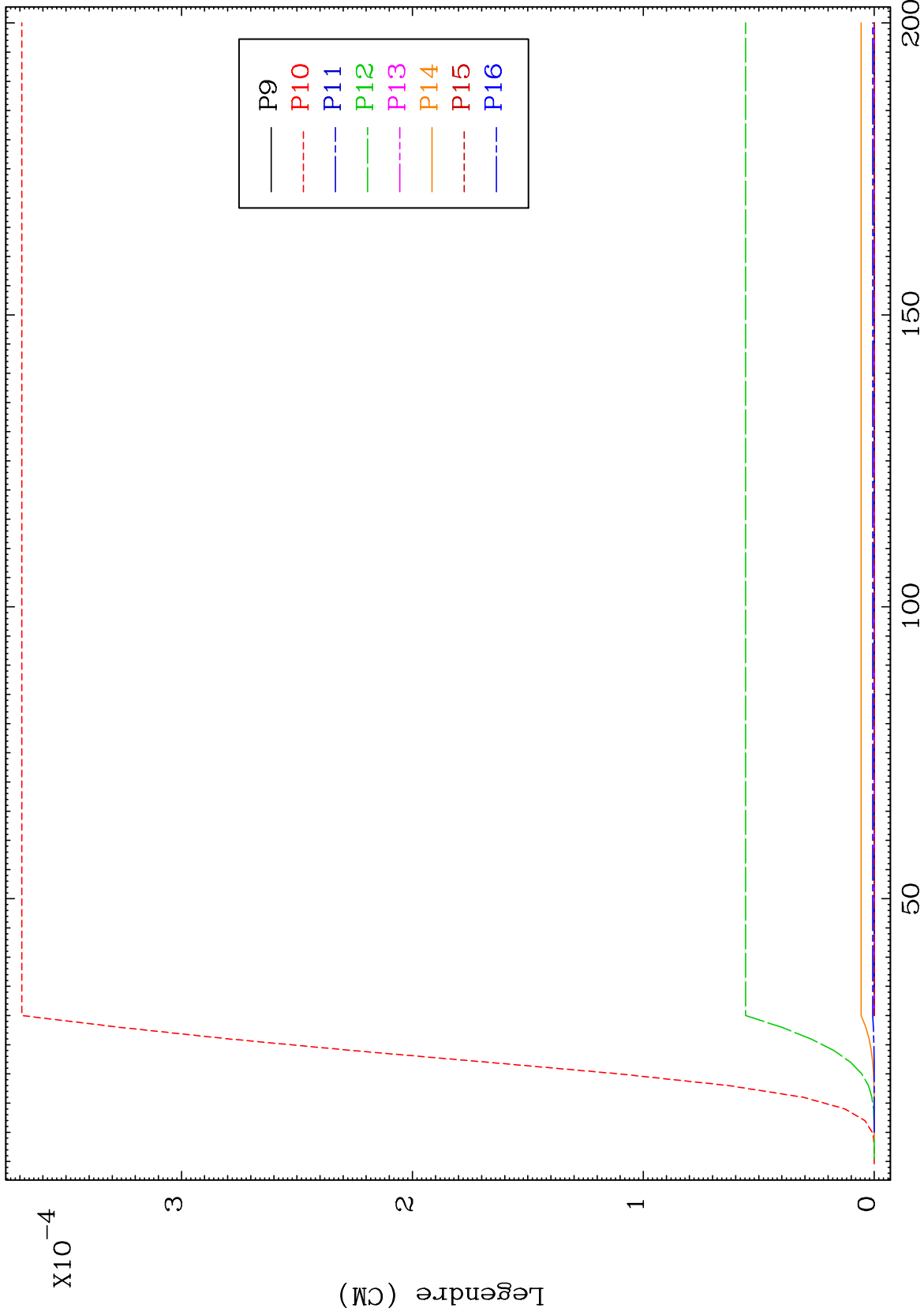
Incident Energy (MeV)

13-A1-28

MAT 1328

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

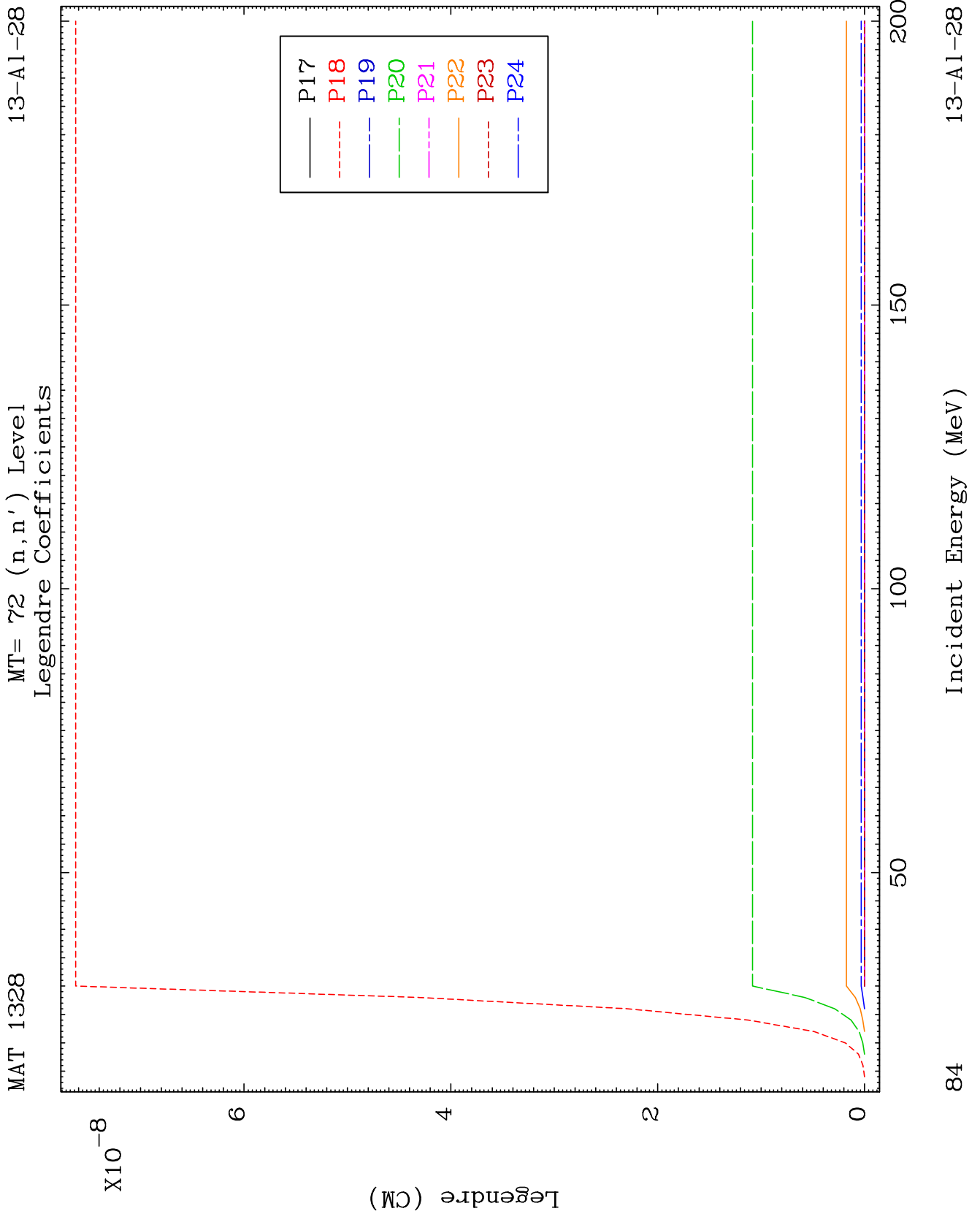
13-A1-28



83

Incident Energy (MeV)

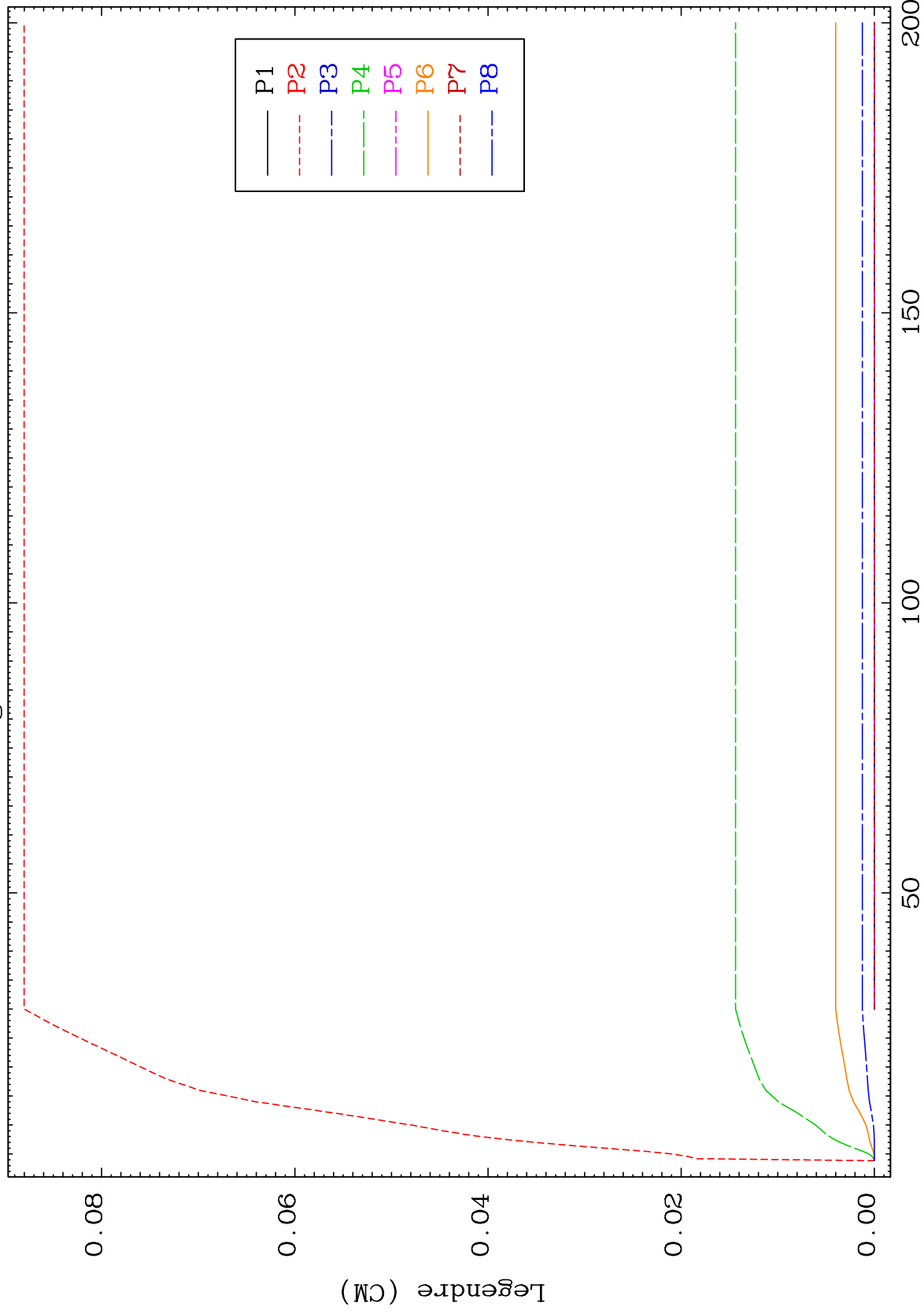
13-A1-28



MAT 1328

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

13-A1-28



85

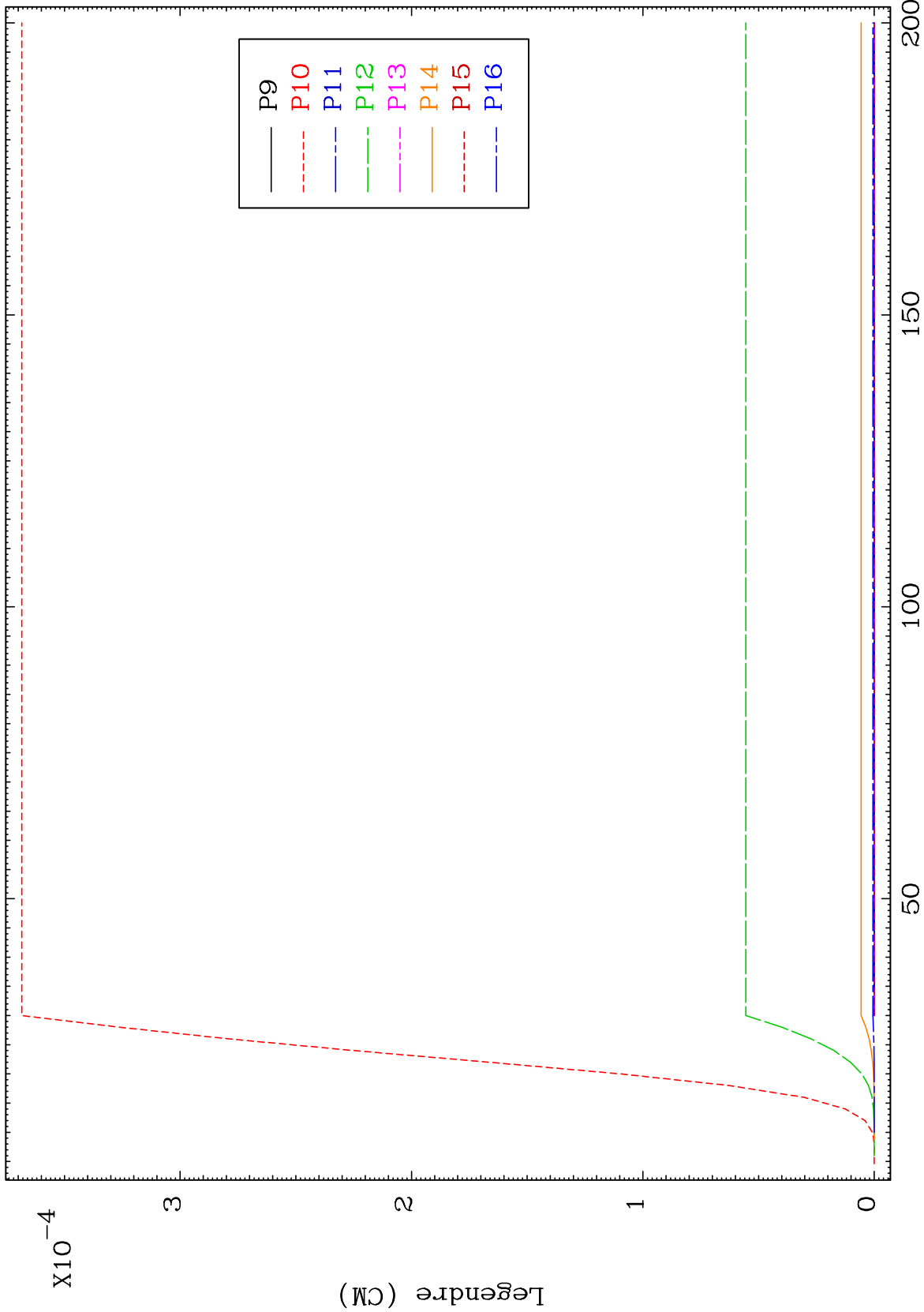
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



86

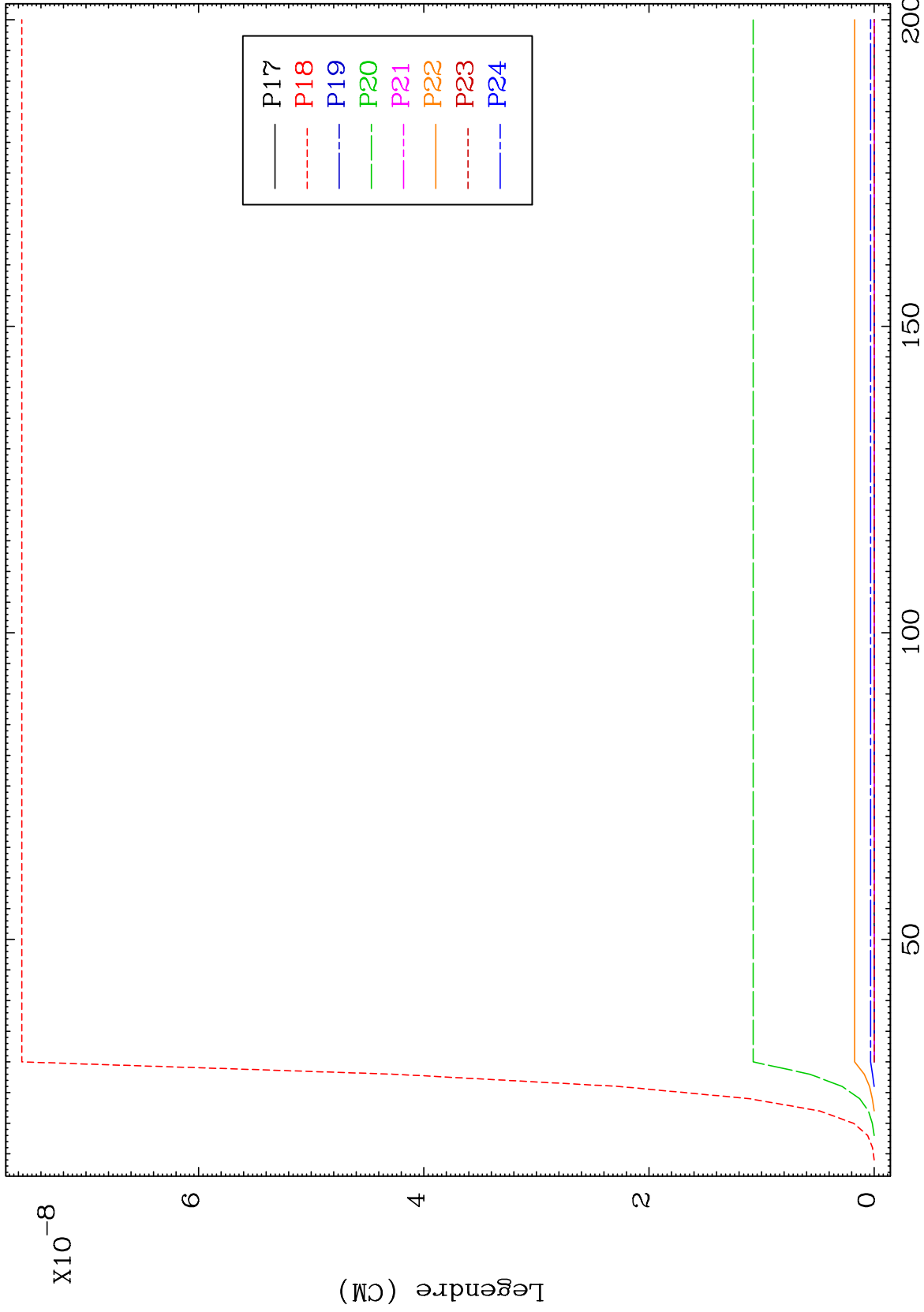
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



87

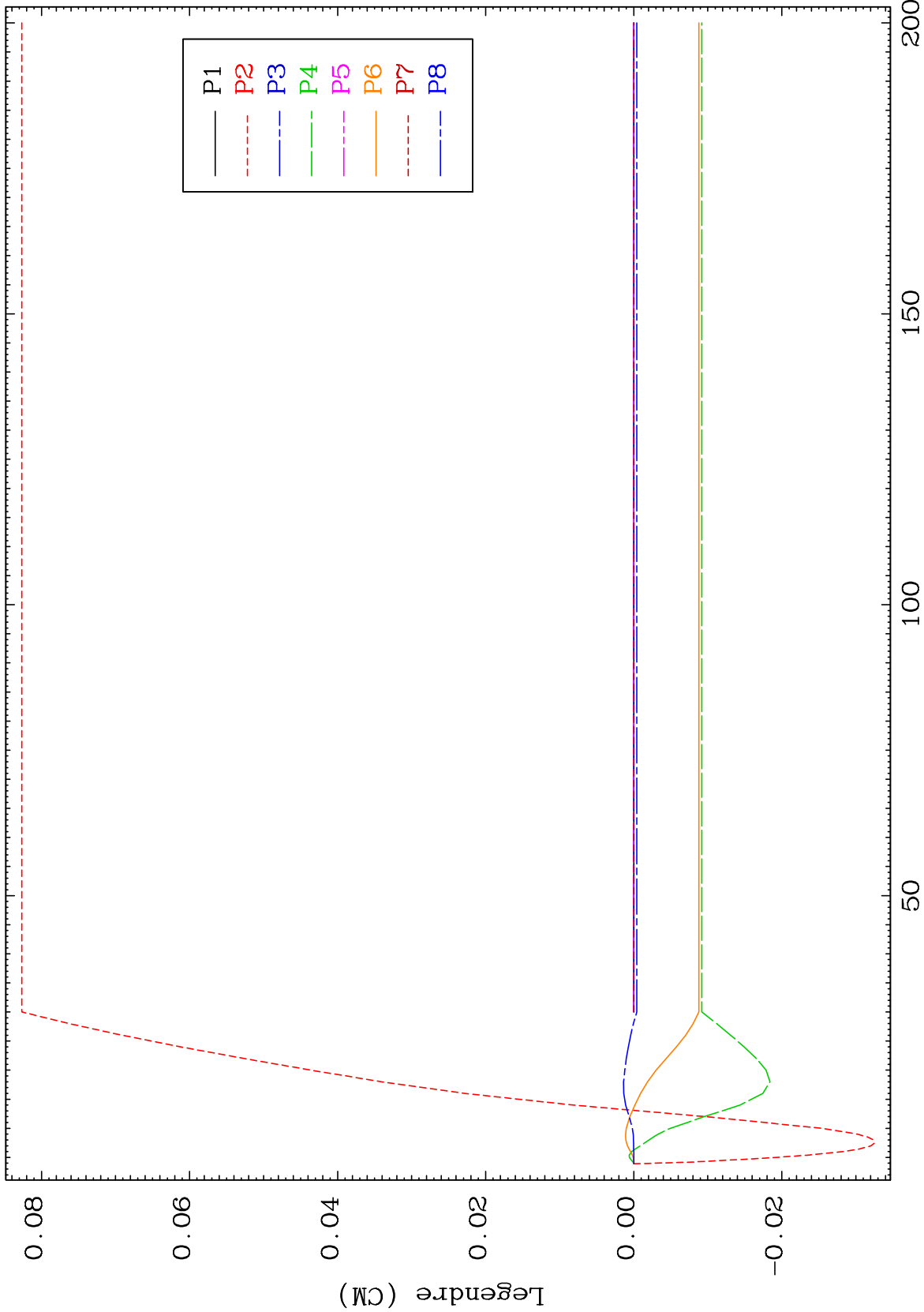
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



88

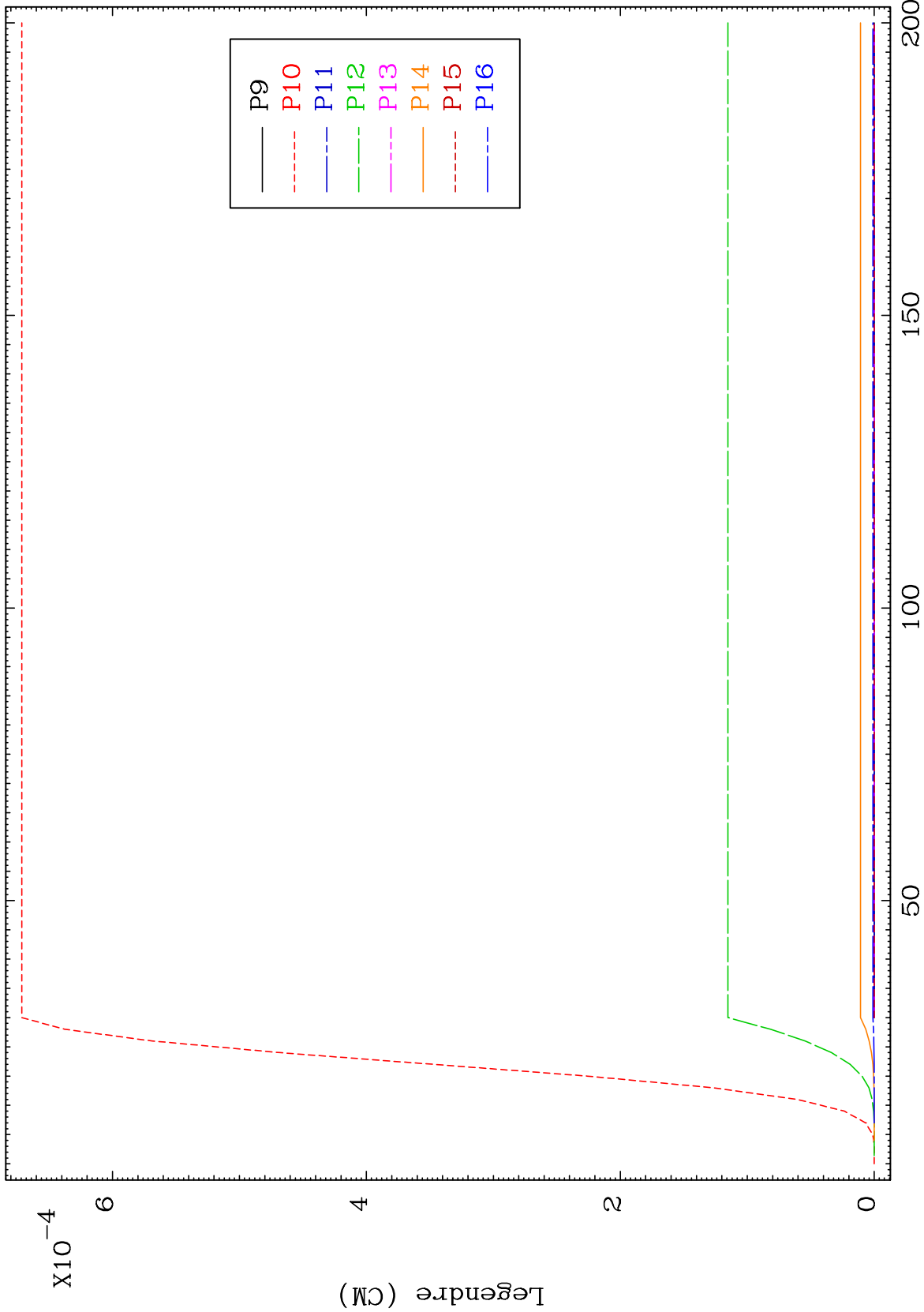
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-A1-28



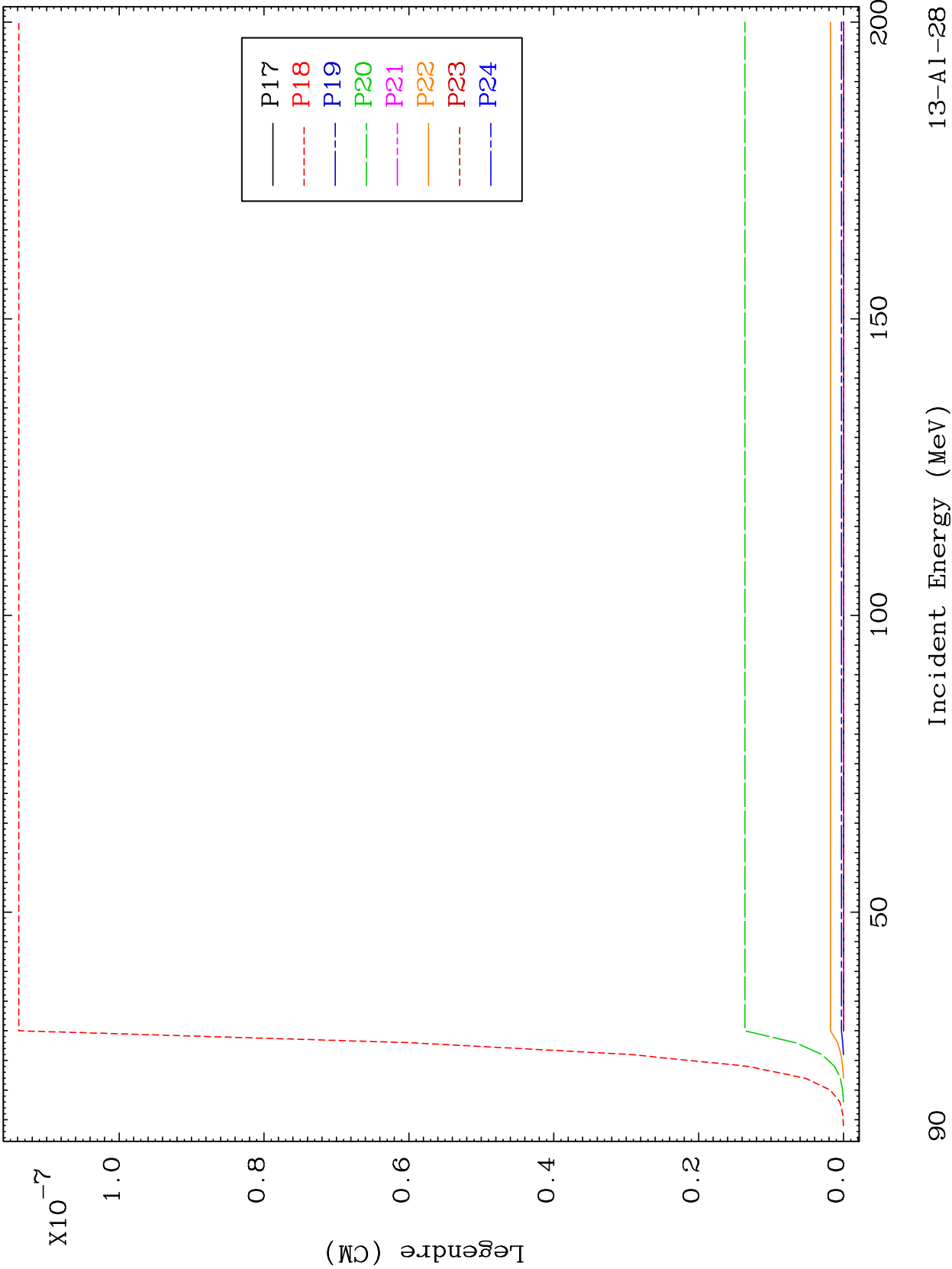
89

13-A1-28

MAT 1328

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

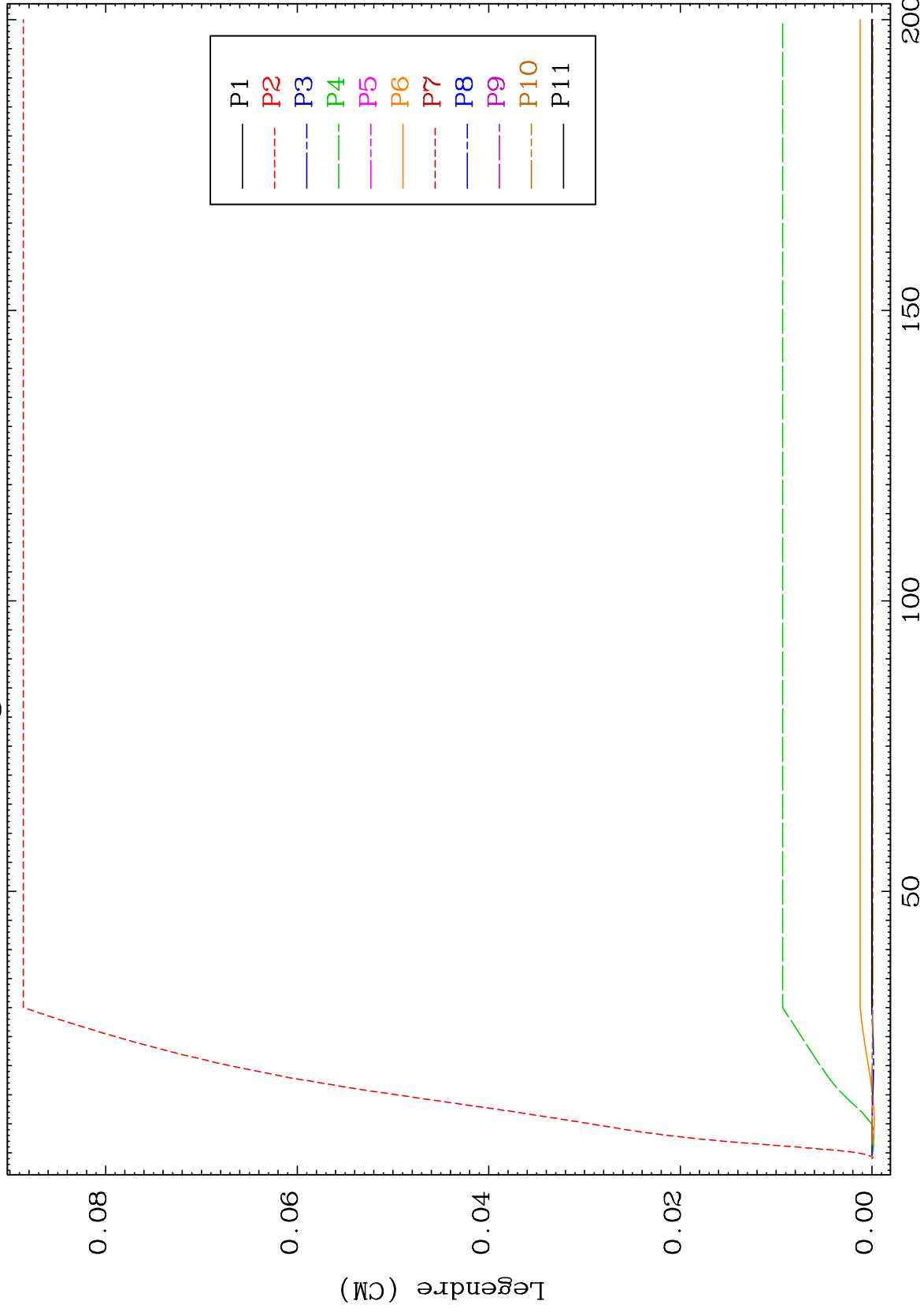
13-A1-28



MAT 1328

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

13-A1-28



91

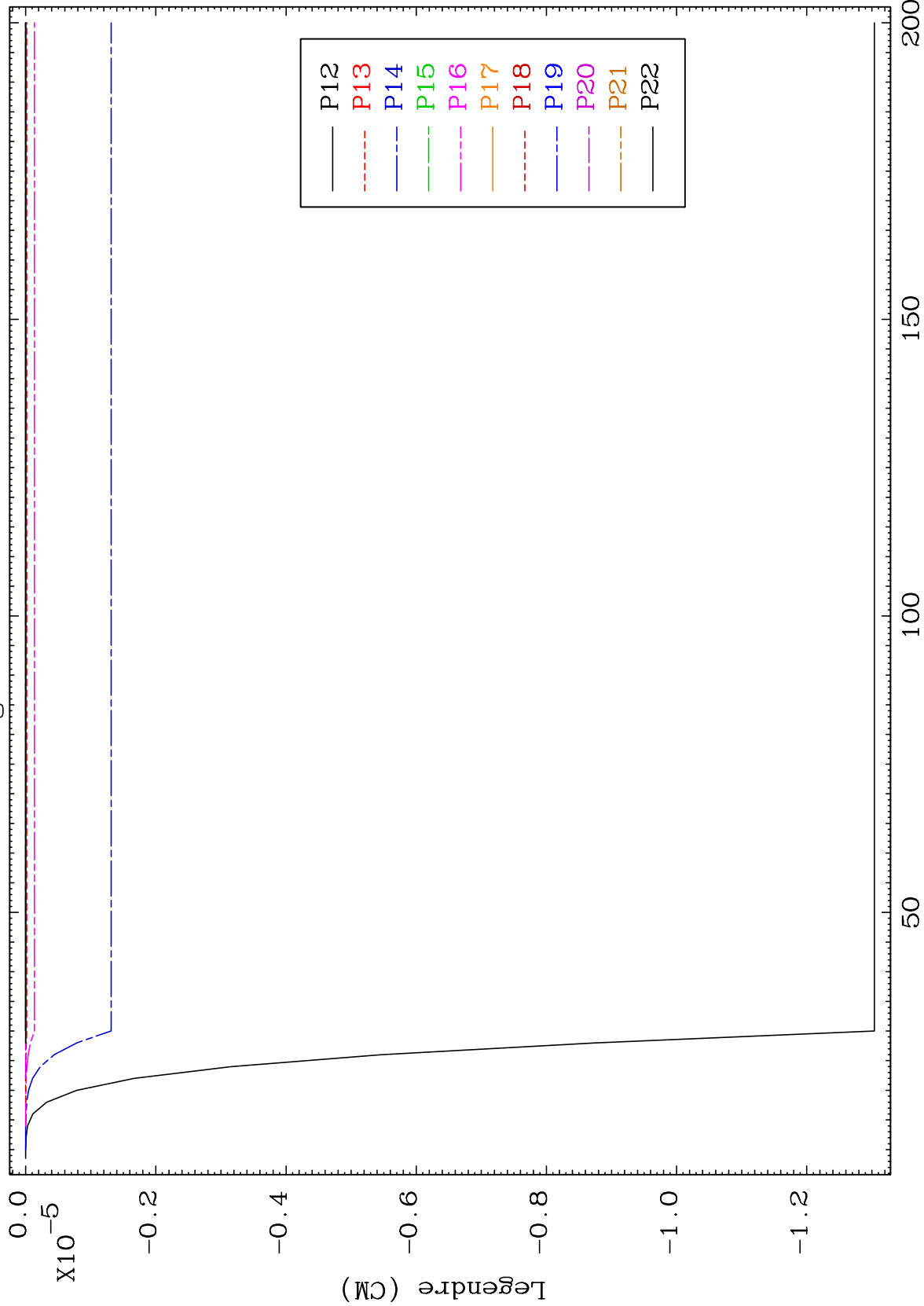
Incident Energy (MeV)

13-A1-28

MAT 1328

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

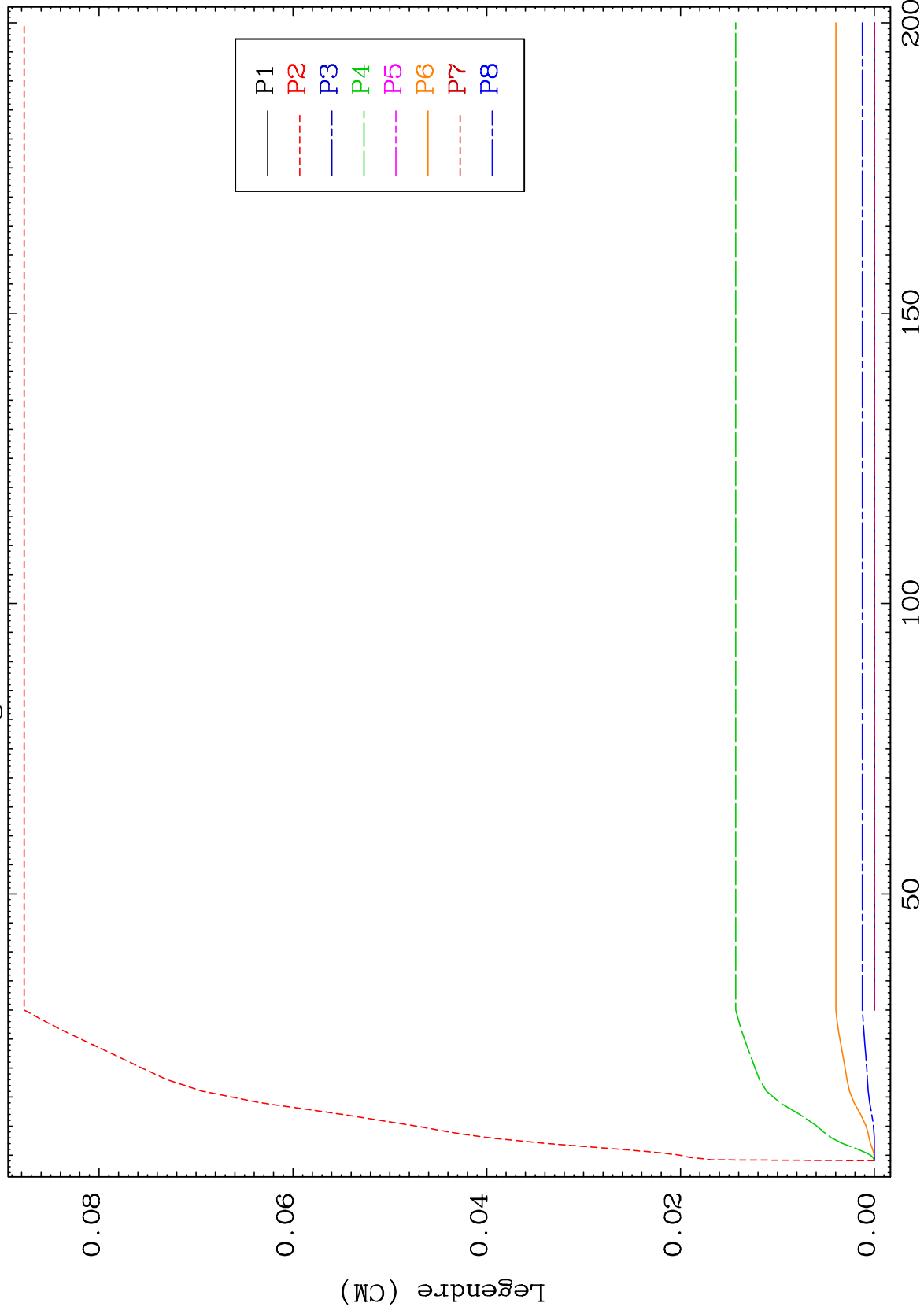
13-A1-28



MAT 1328

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

13-A1-28



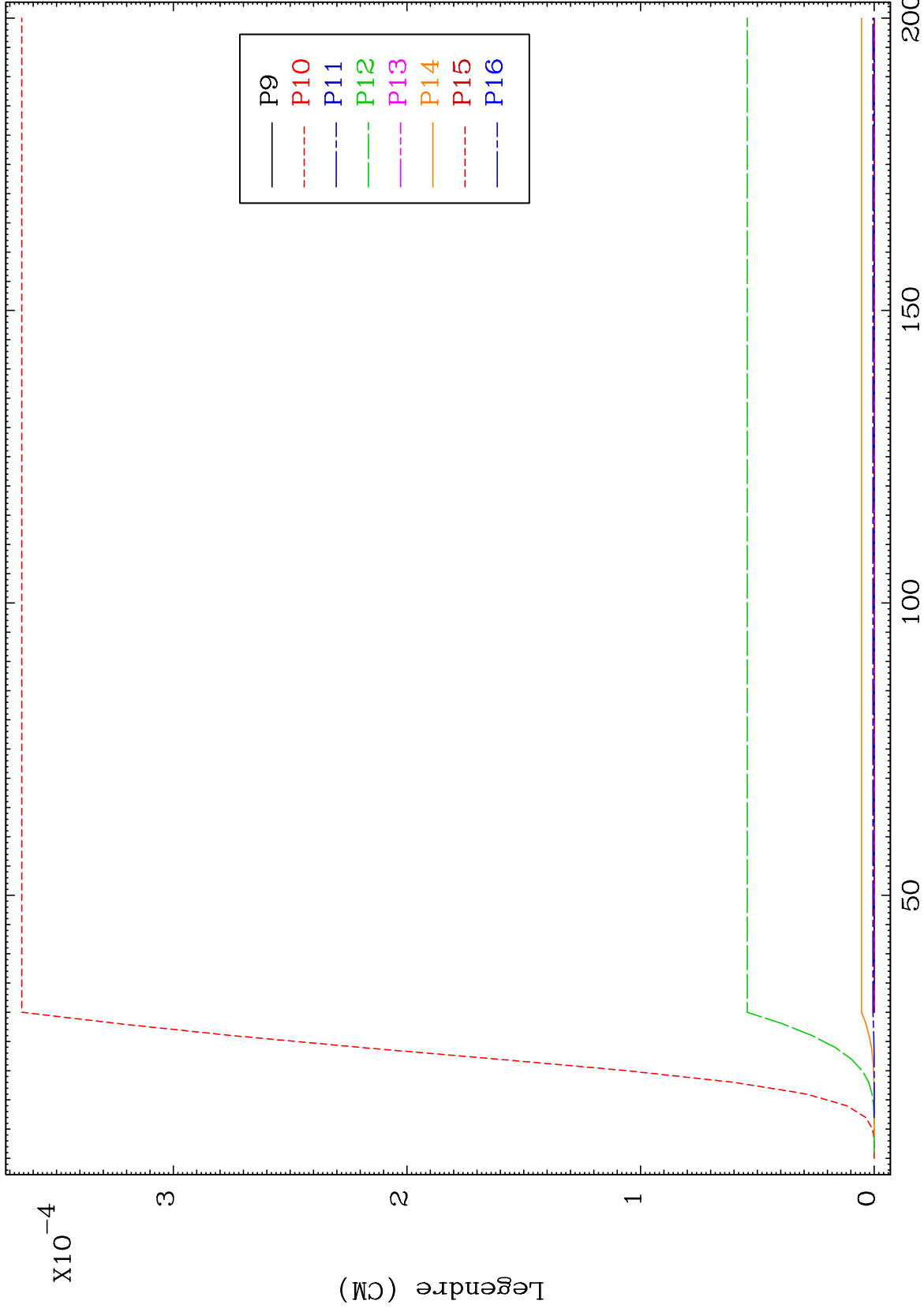
93

13-A1-28

MAT 1328

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

13-A1-28



94

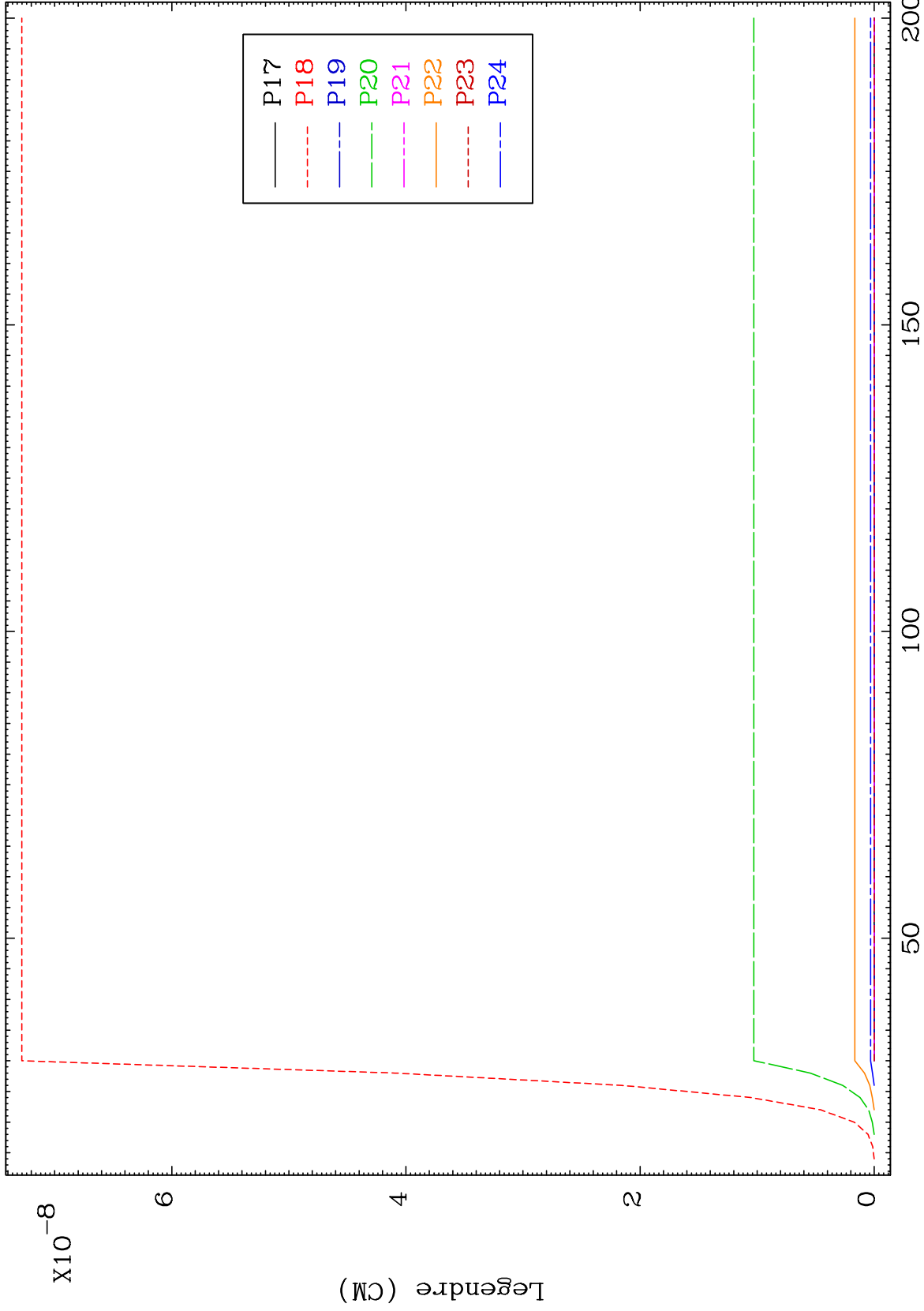
Incident Energy (MeV)

13-A1-28

MAT 1328

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

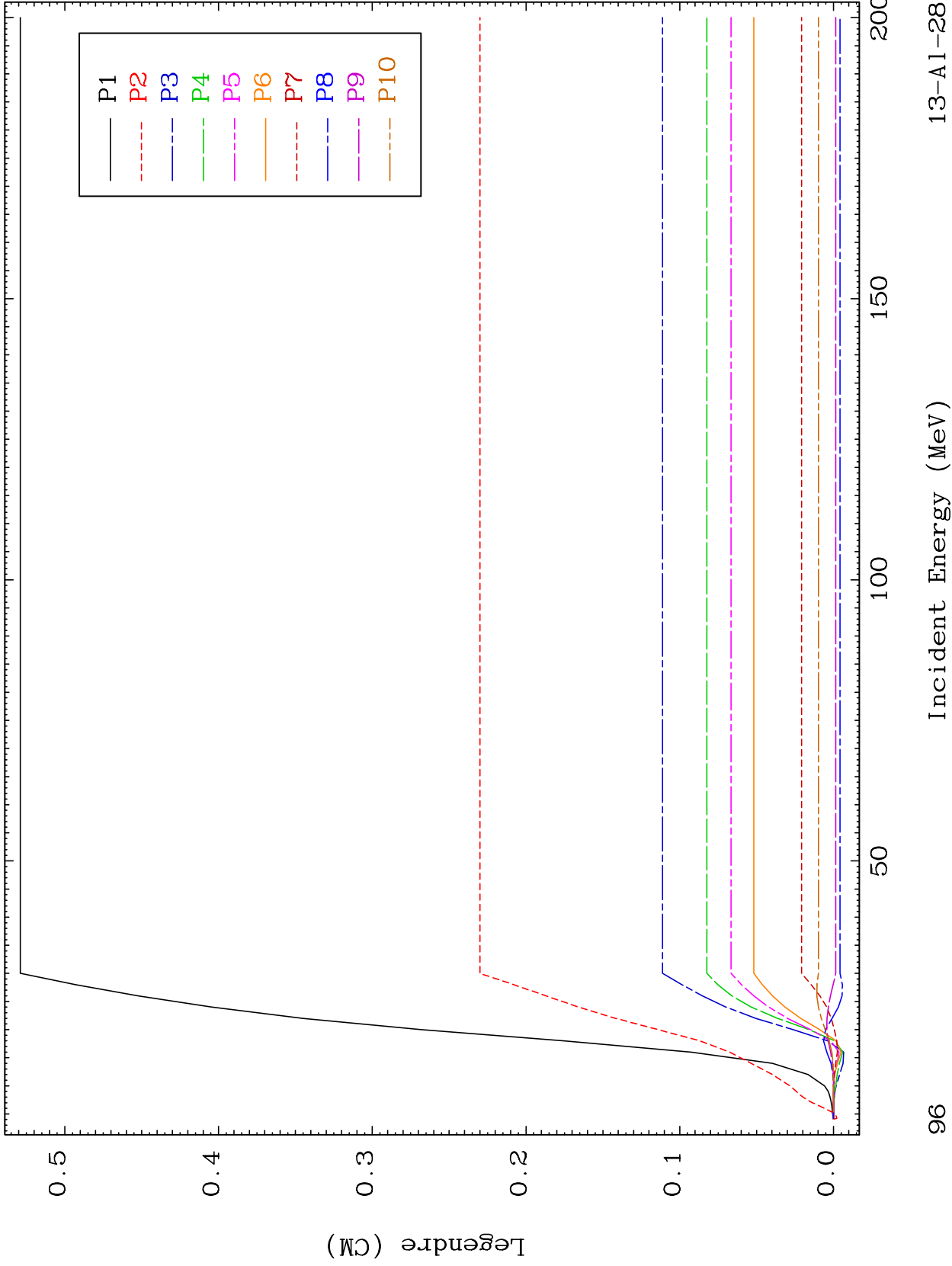
13-A1 -28

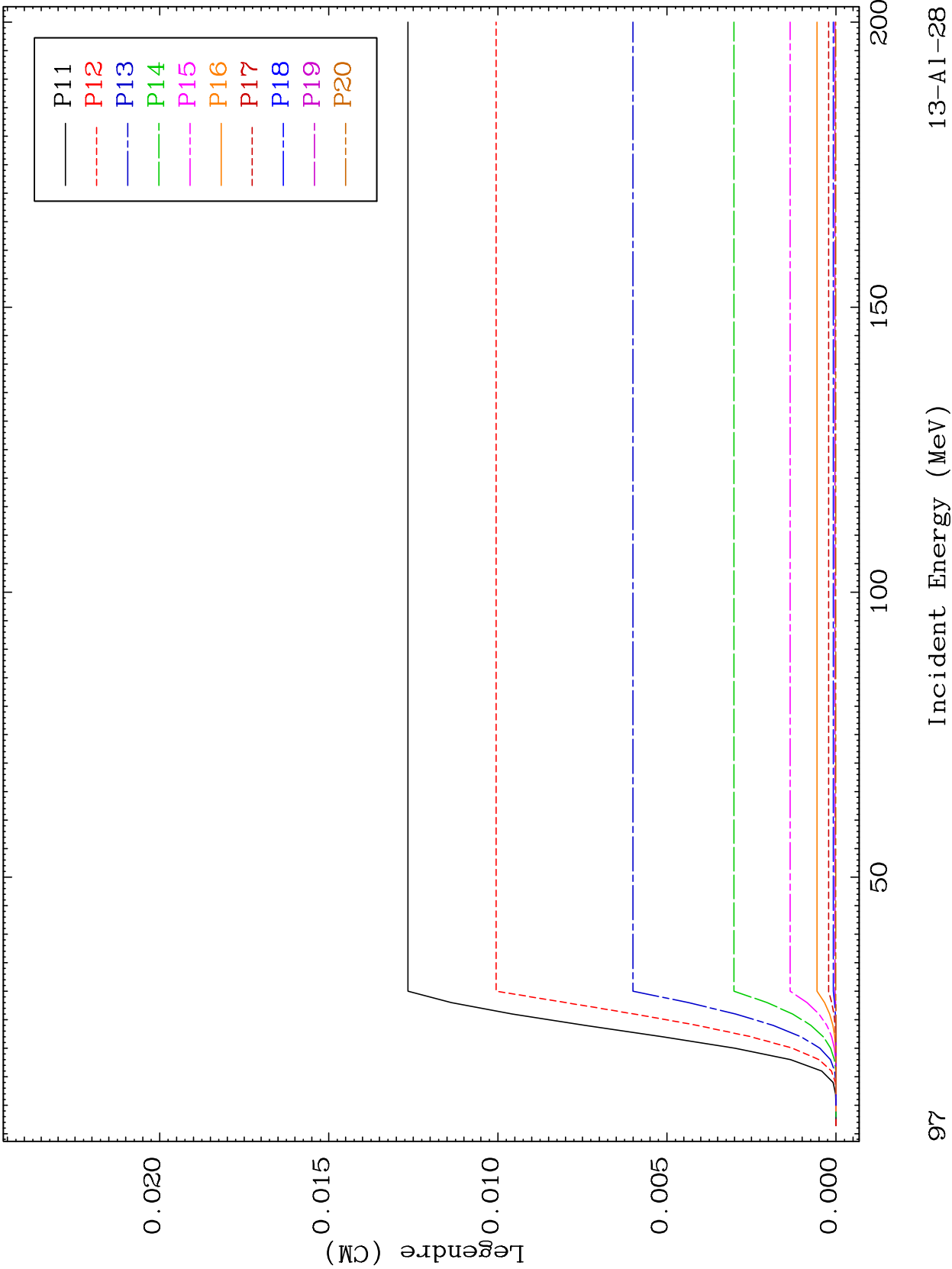


95

Incident Energy (MeV)

13-A1 -28

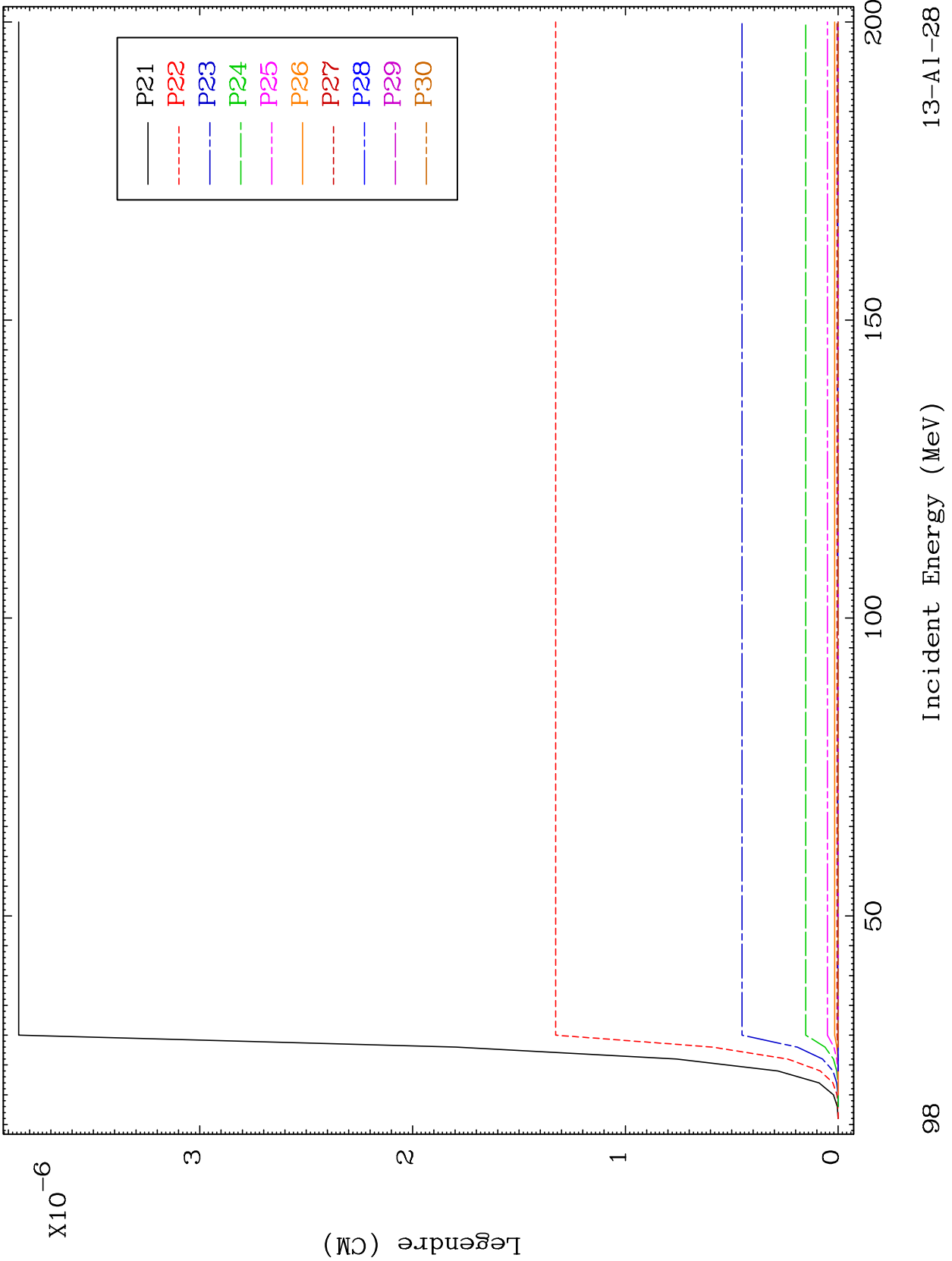




MAT 1328

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

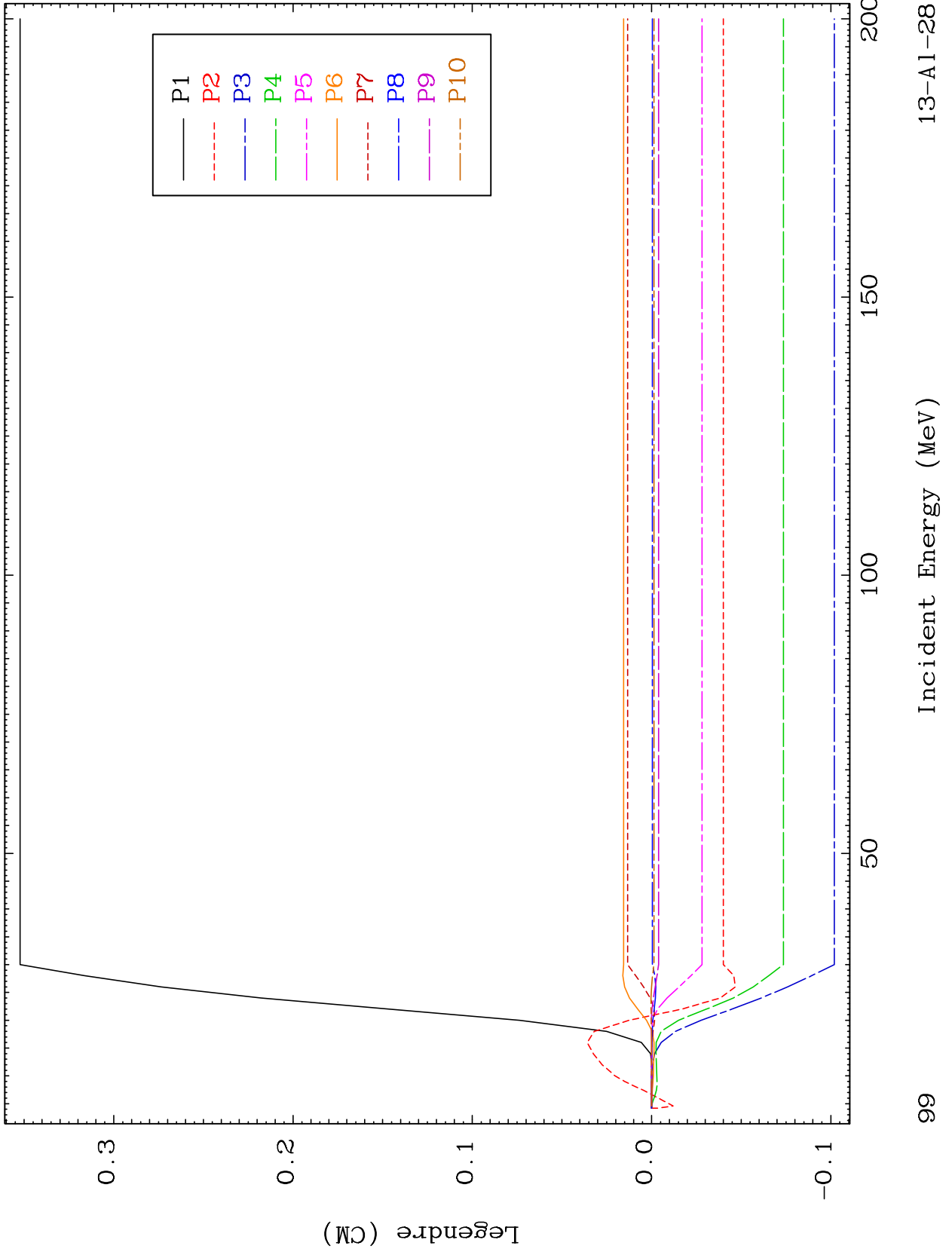
13-Al-28



98

Incident Energy (MeV)

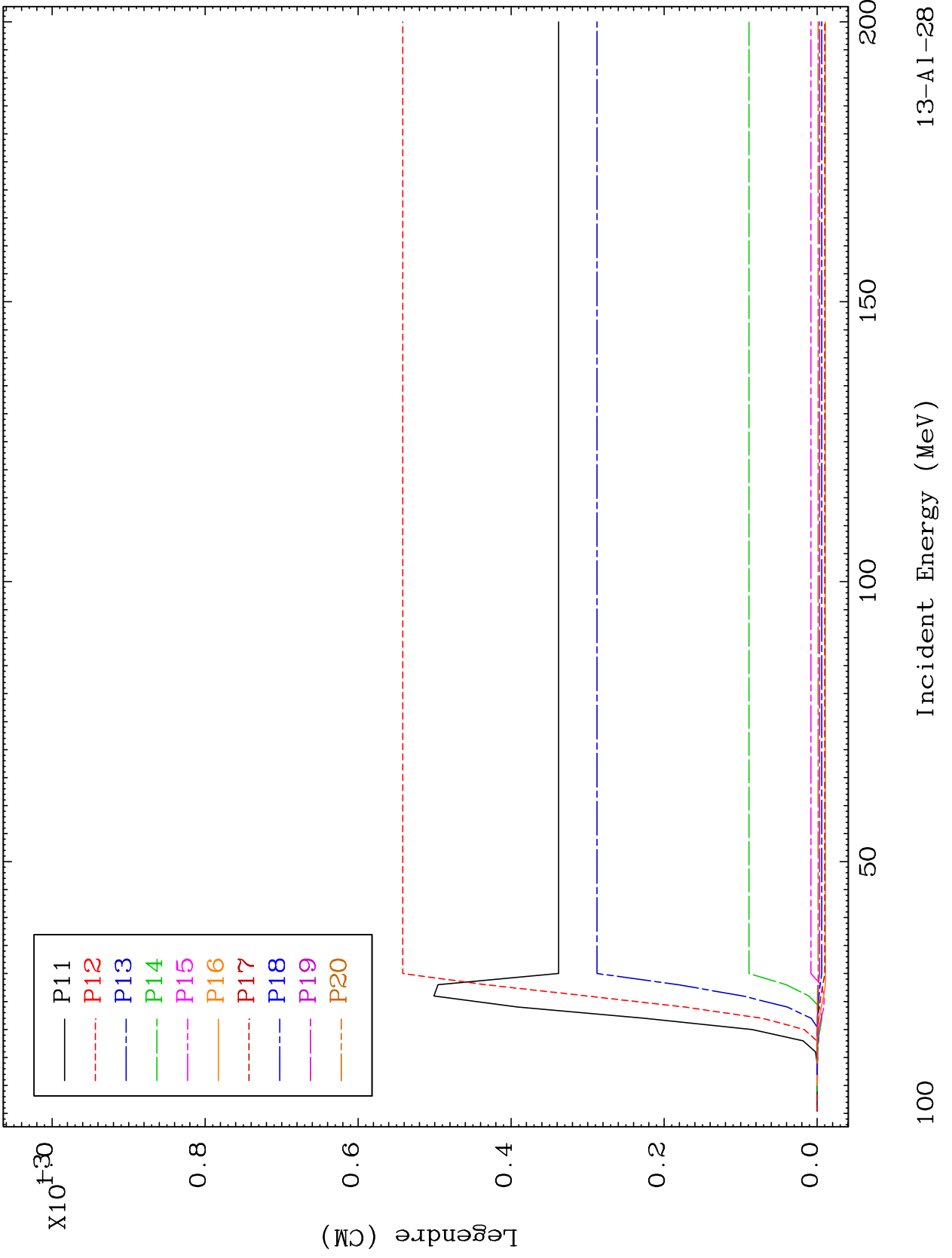
13-Al-28



MAT 1328

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

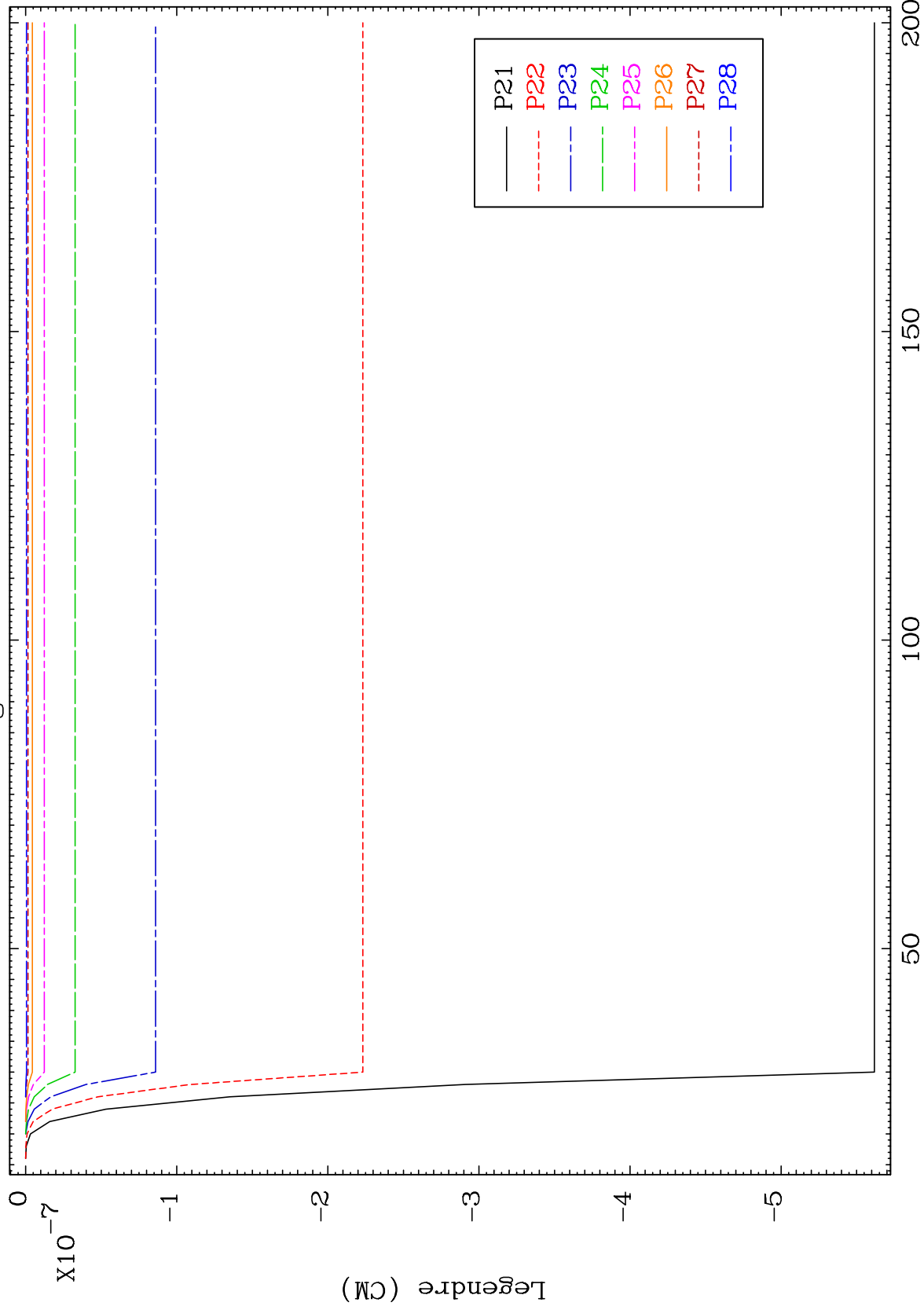
13-Al-28



MAT 1328

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

13-Al-28



101

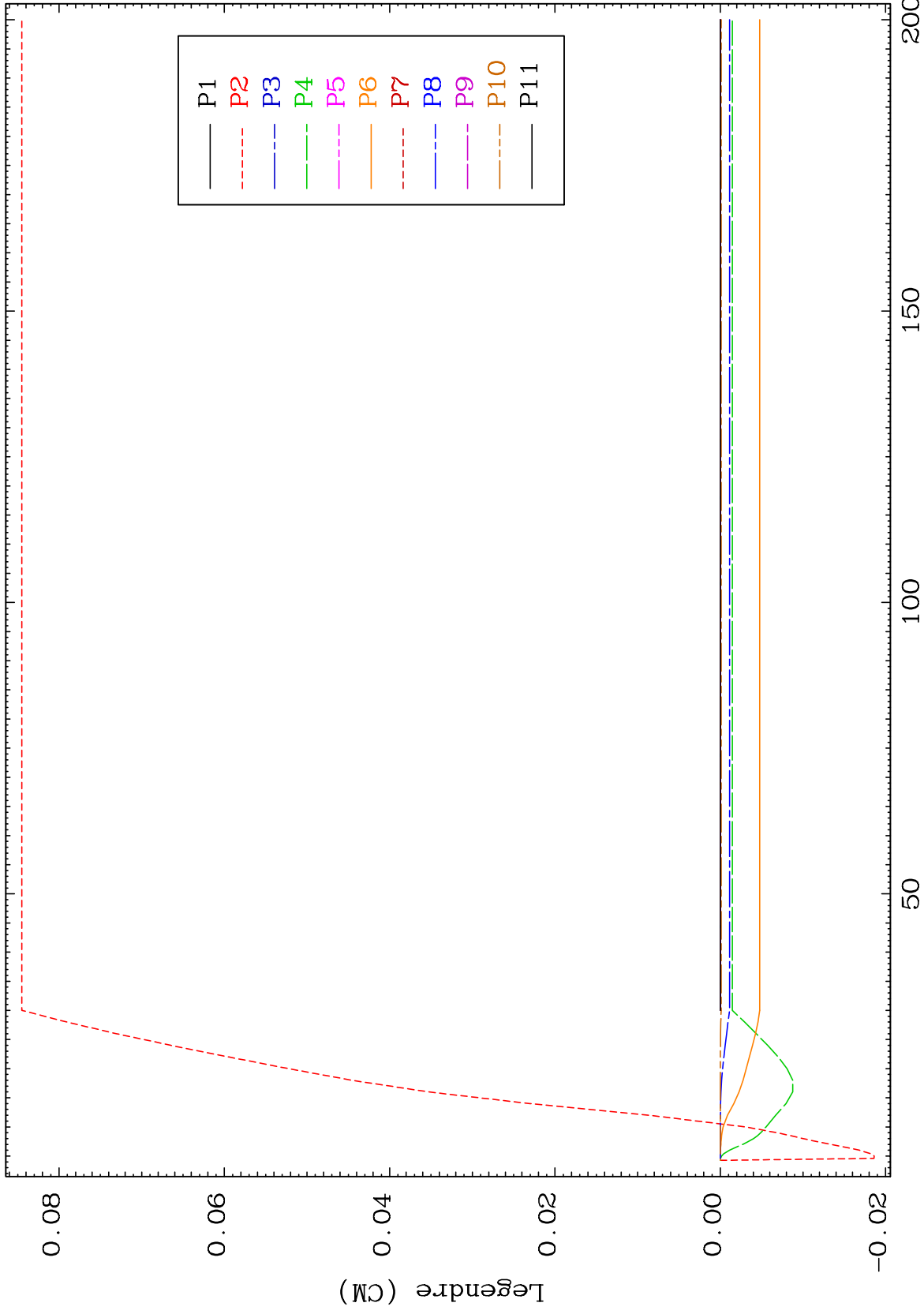
Incident Energy (MeV)

13-Al-28

MAT 1328

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

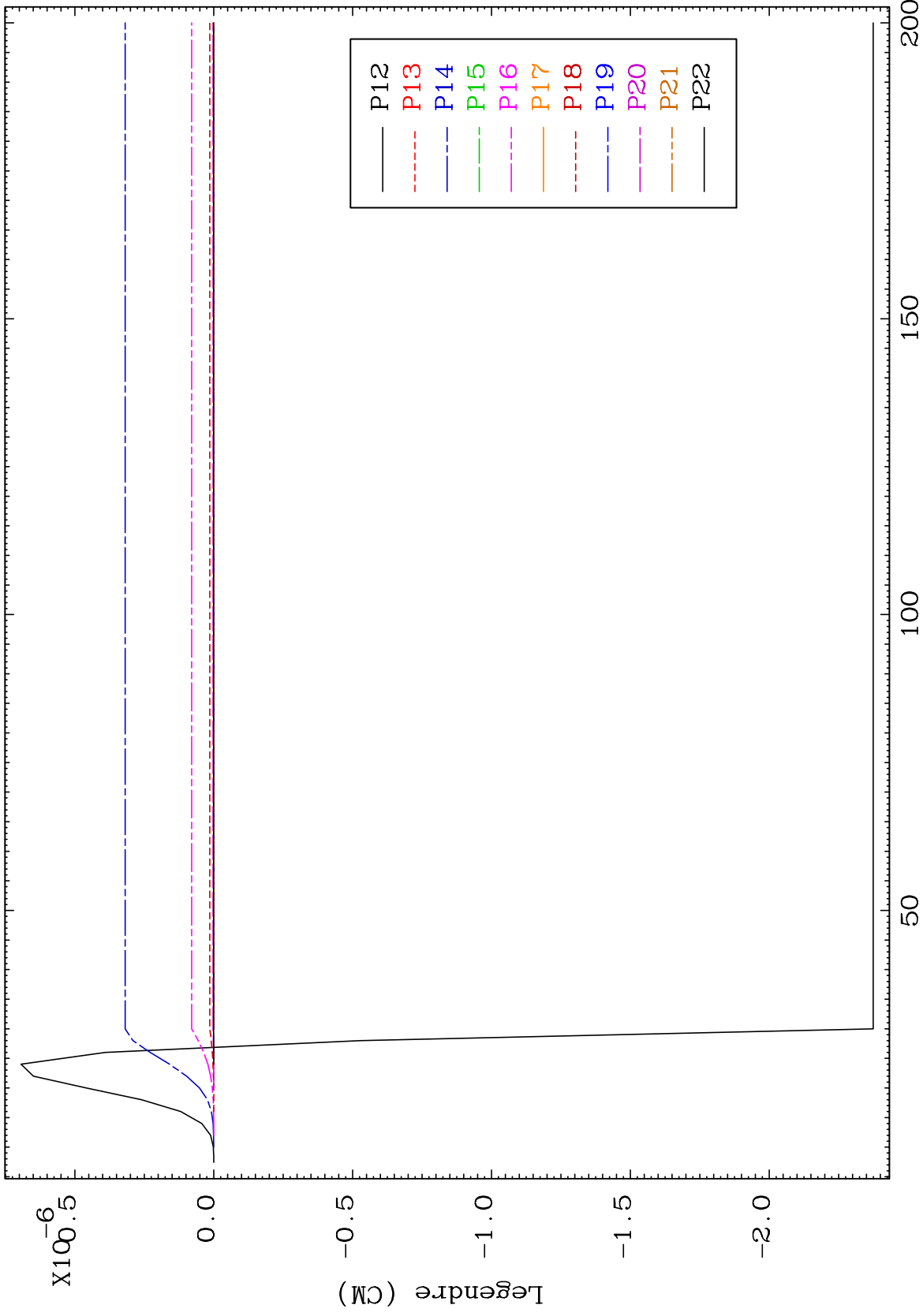
13-Al-28



102

Incident Energy (MeV)

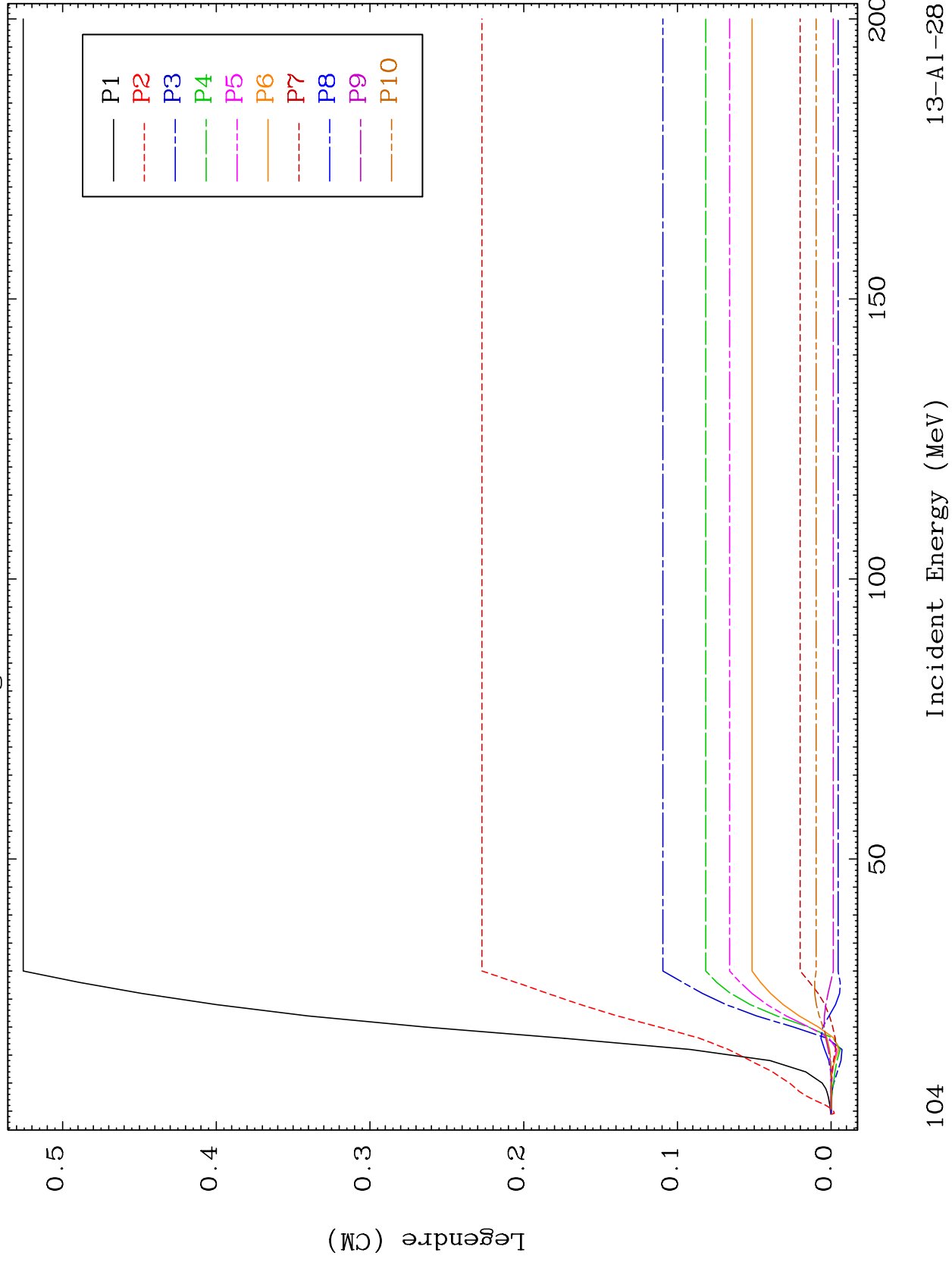
13-Al-28



MAT 1328

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

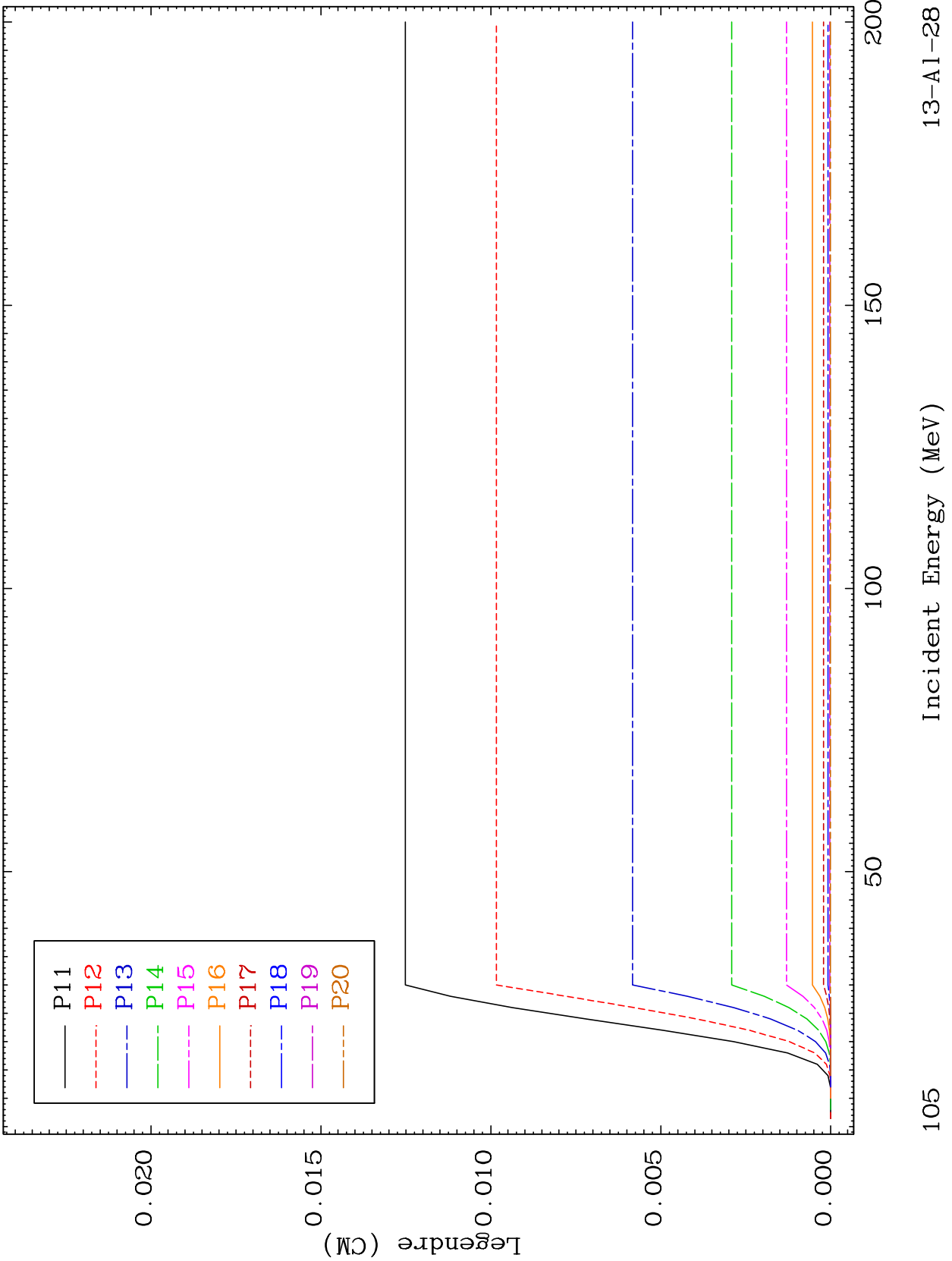
13-Al-28



MAT 1328

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

13-A1-28



105

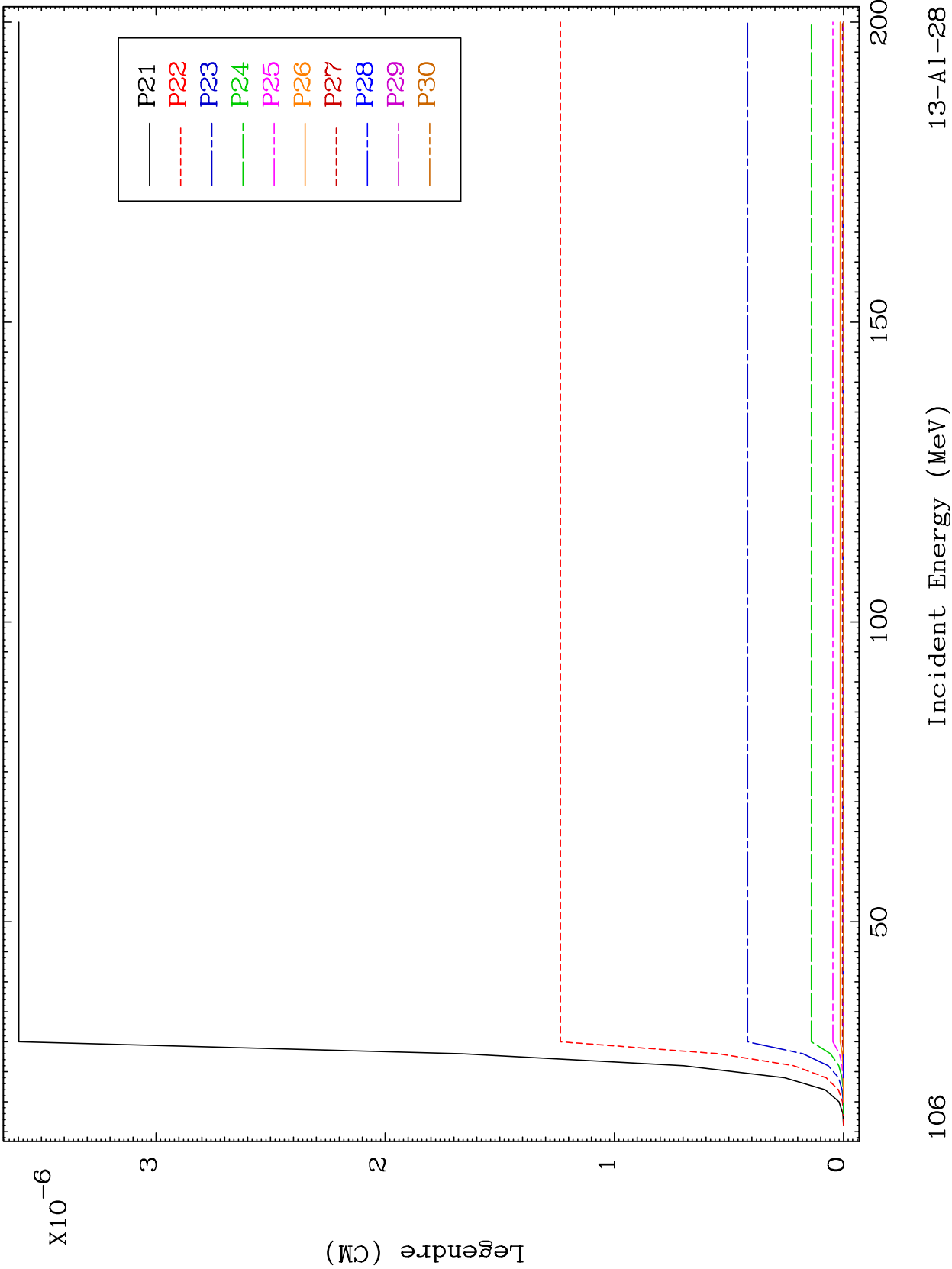
Incident Energy (MeV)

13-A1-28

MAT 1328

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

13-Al-28

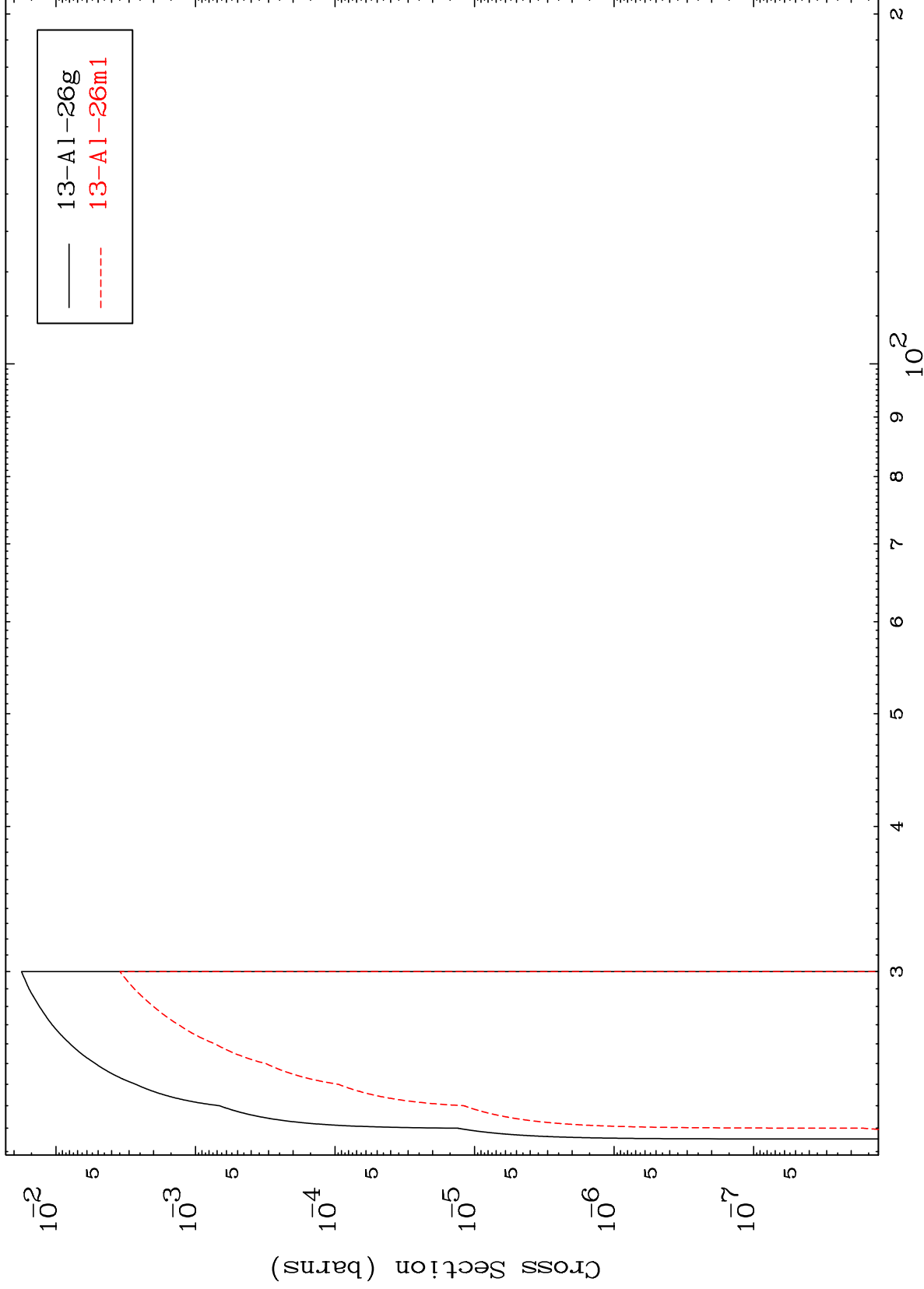


MAT 1328

(n,3n)

13-Al-28

Radionuclide Production Cross Section



107

Incident Energy (MeV)

13-Al-28