

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

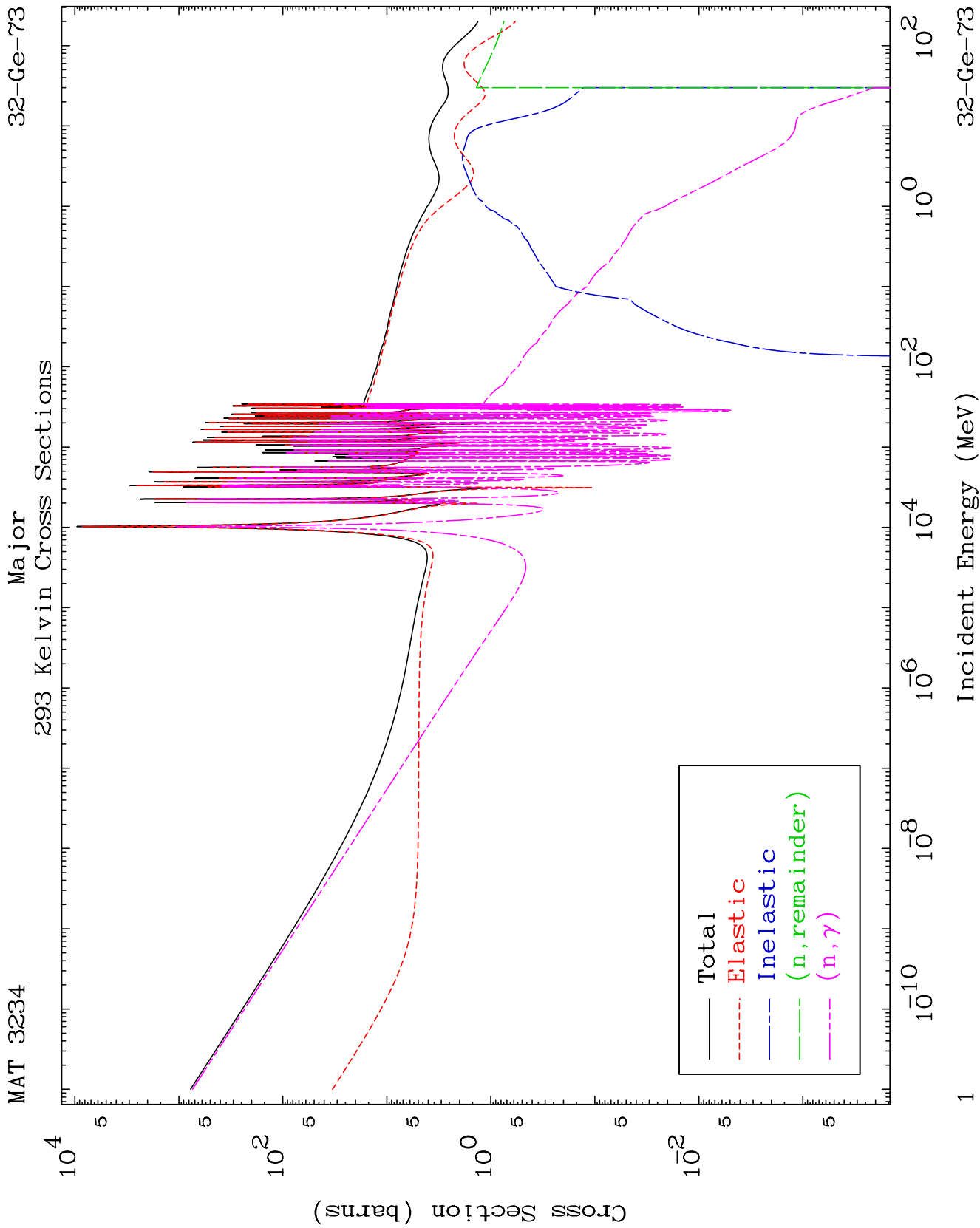
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

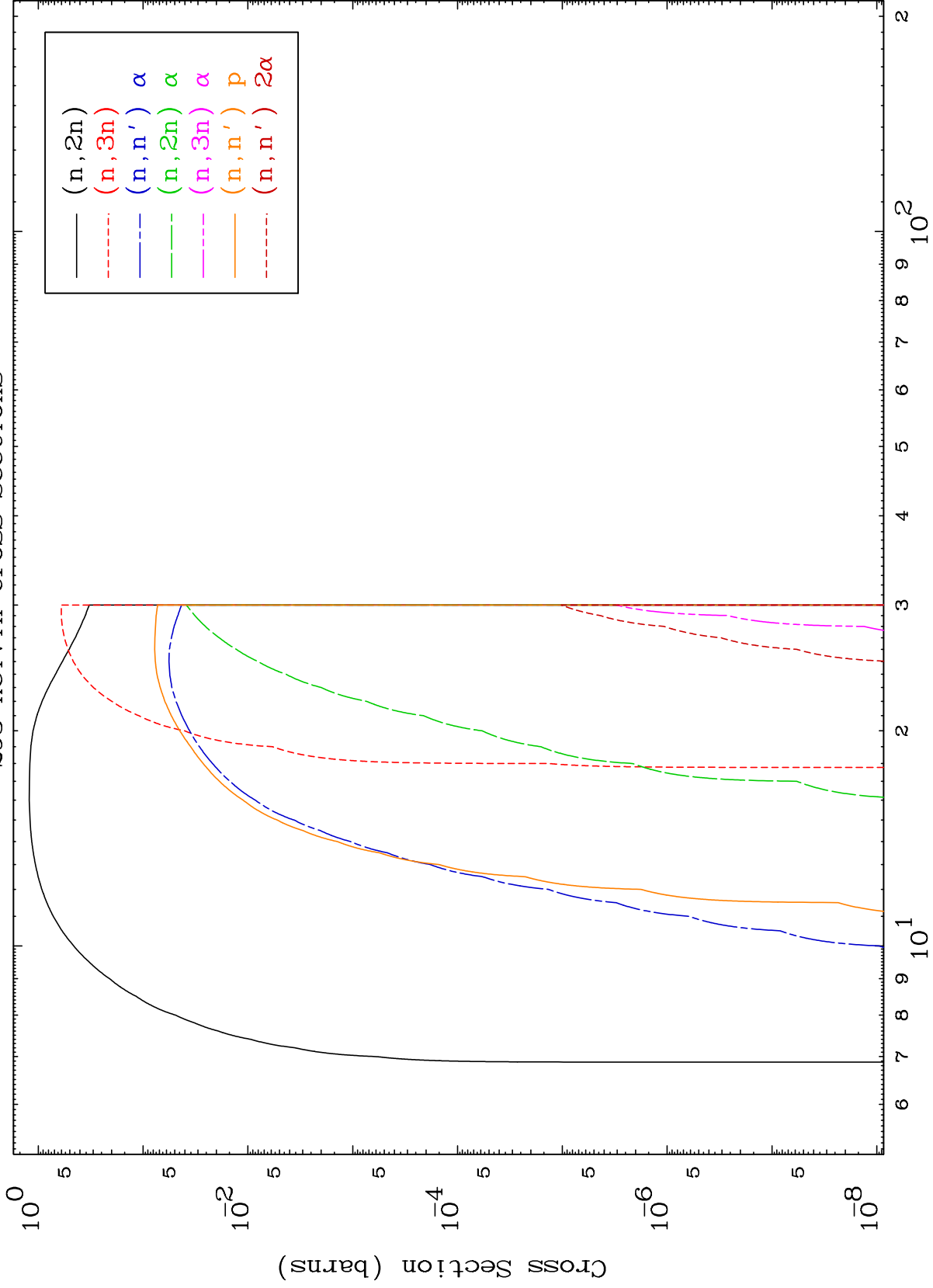
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

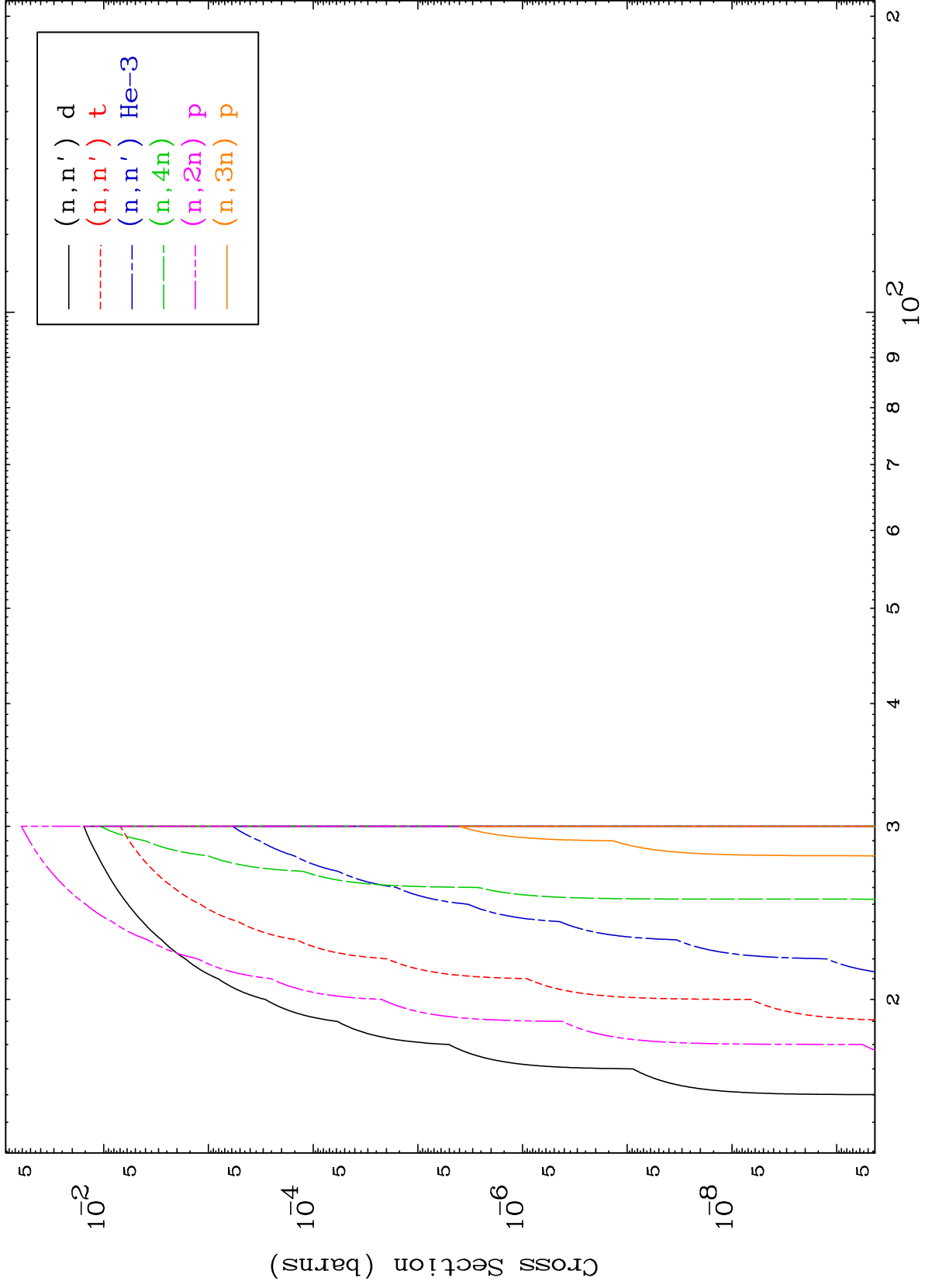
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Press Mouse Button to Start





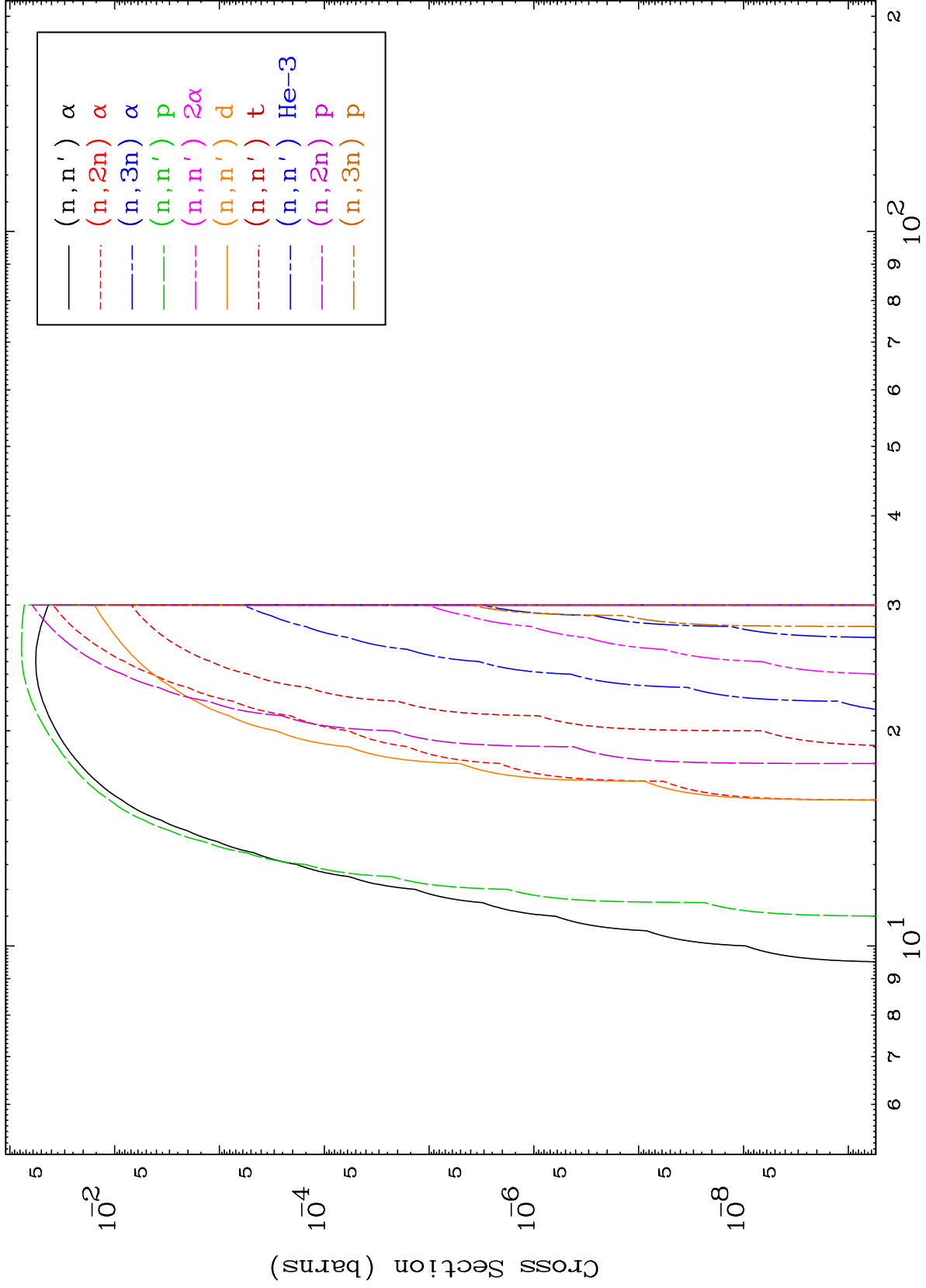
Neutron Production
293 Kelvin Cross Sections



MAT 3234

Charged Particle
293 Kelvin Cross Sections

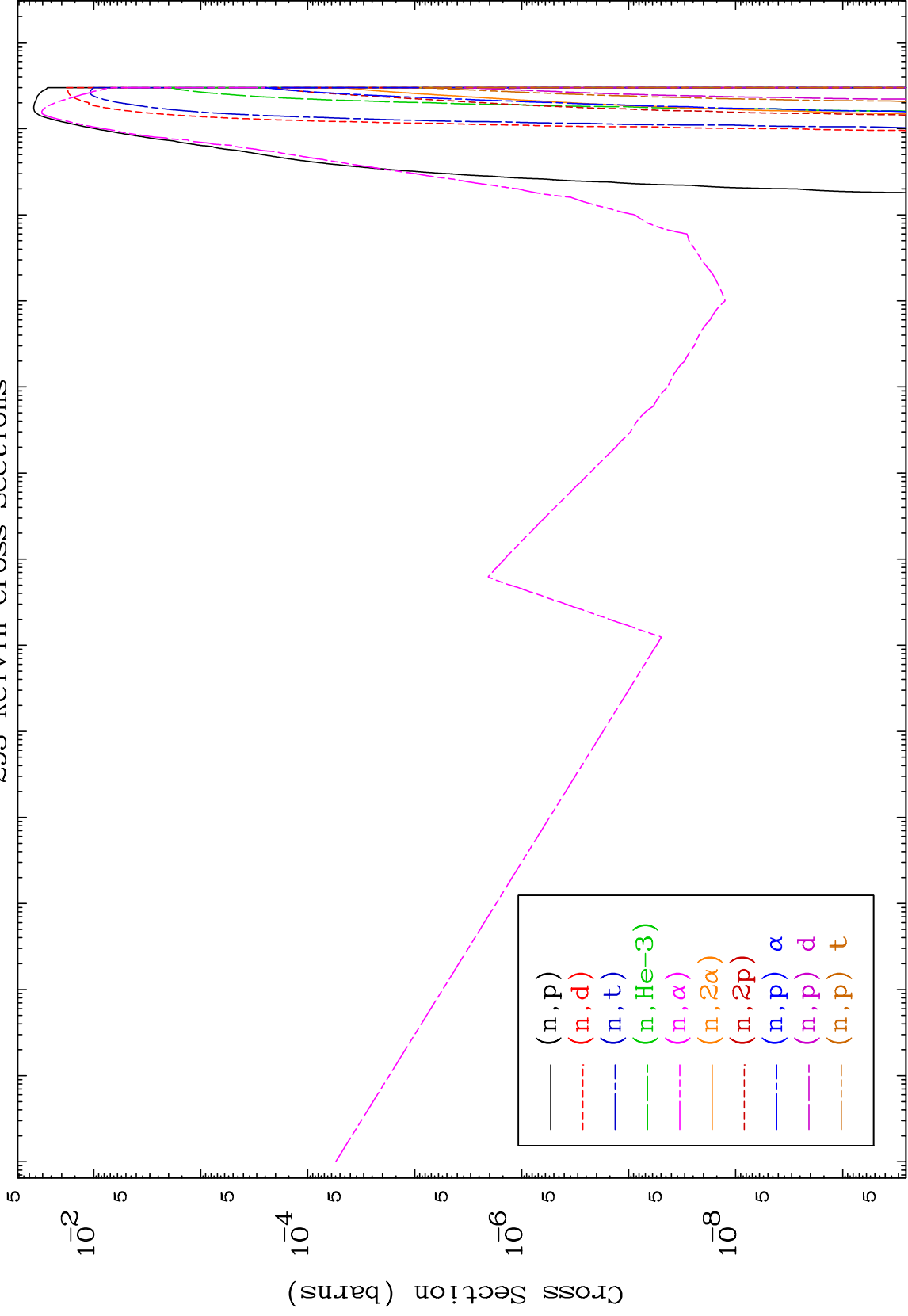
³²Ge-73



MAT 3234

Charged Particle
293 Kelvin Cross Sections

32-Ge-73



5

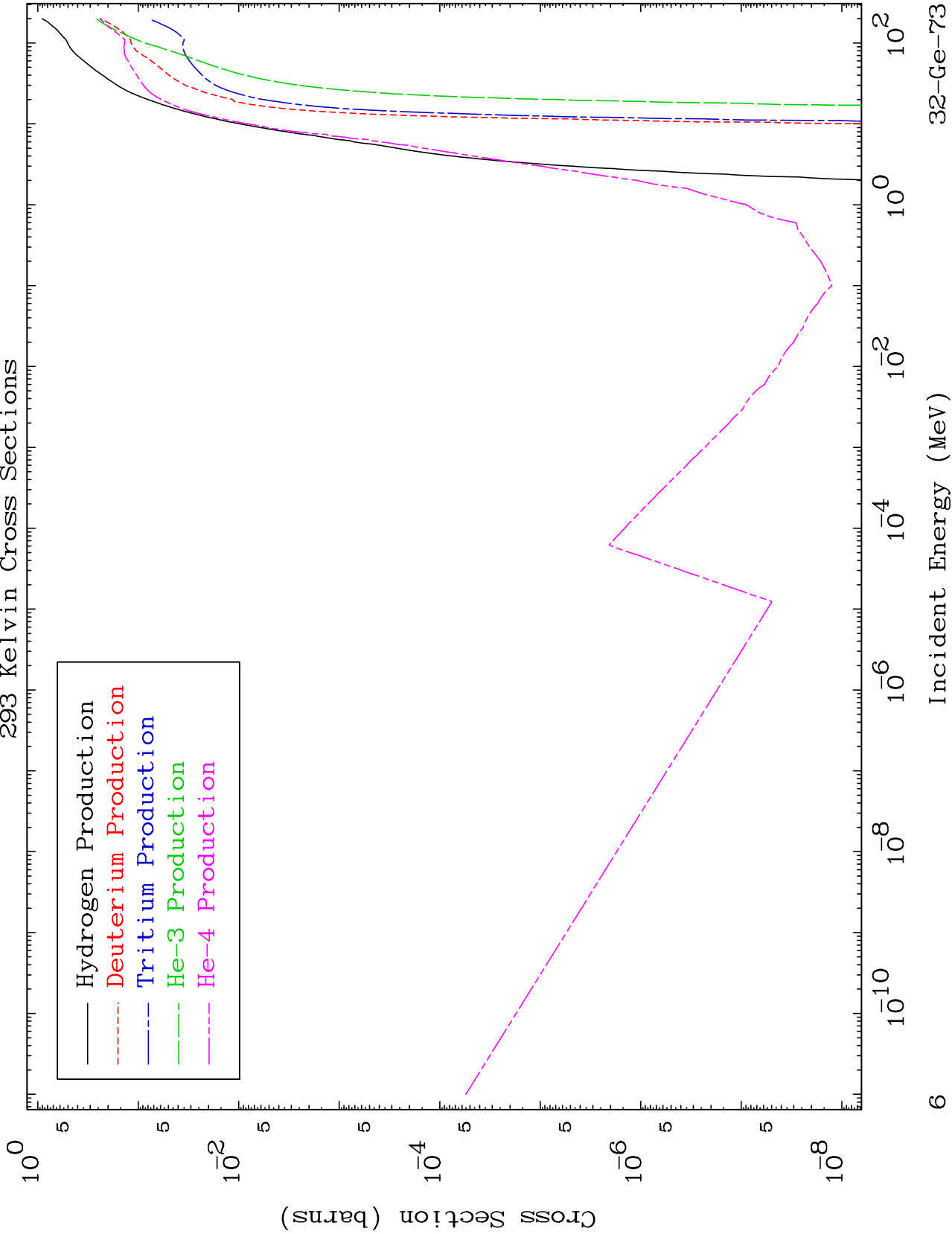
Incident Energy (MeV)

32-Ge-73

MAT 3234

Particle Production
293 Kelvin Cross Sections

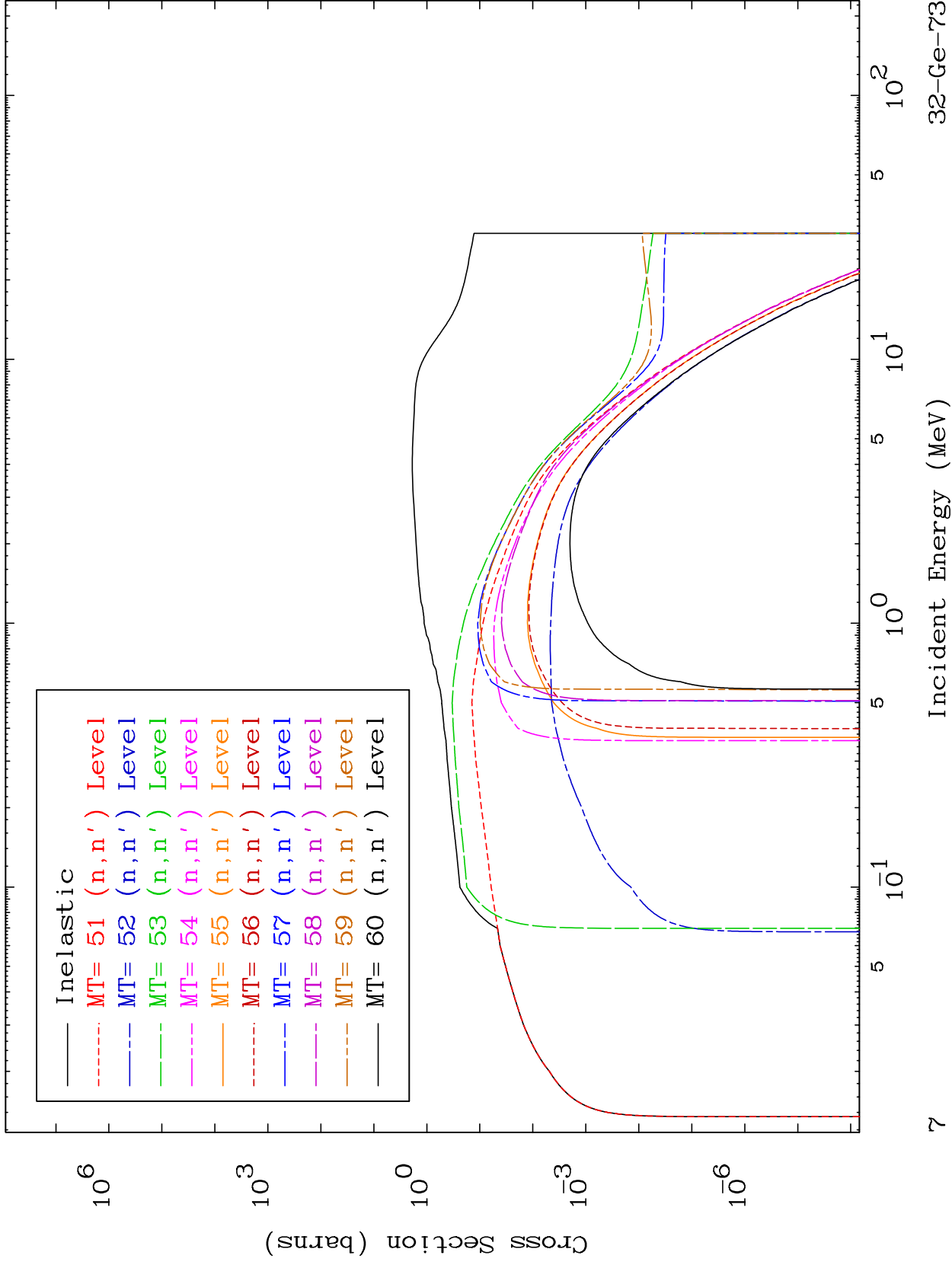
32-Ge-73



MAT 3234

(n,n') Level
293 Kelvin Cross Sections

³²Ge-73

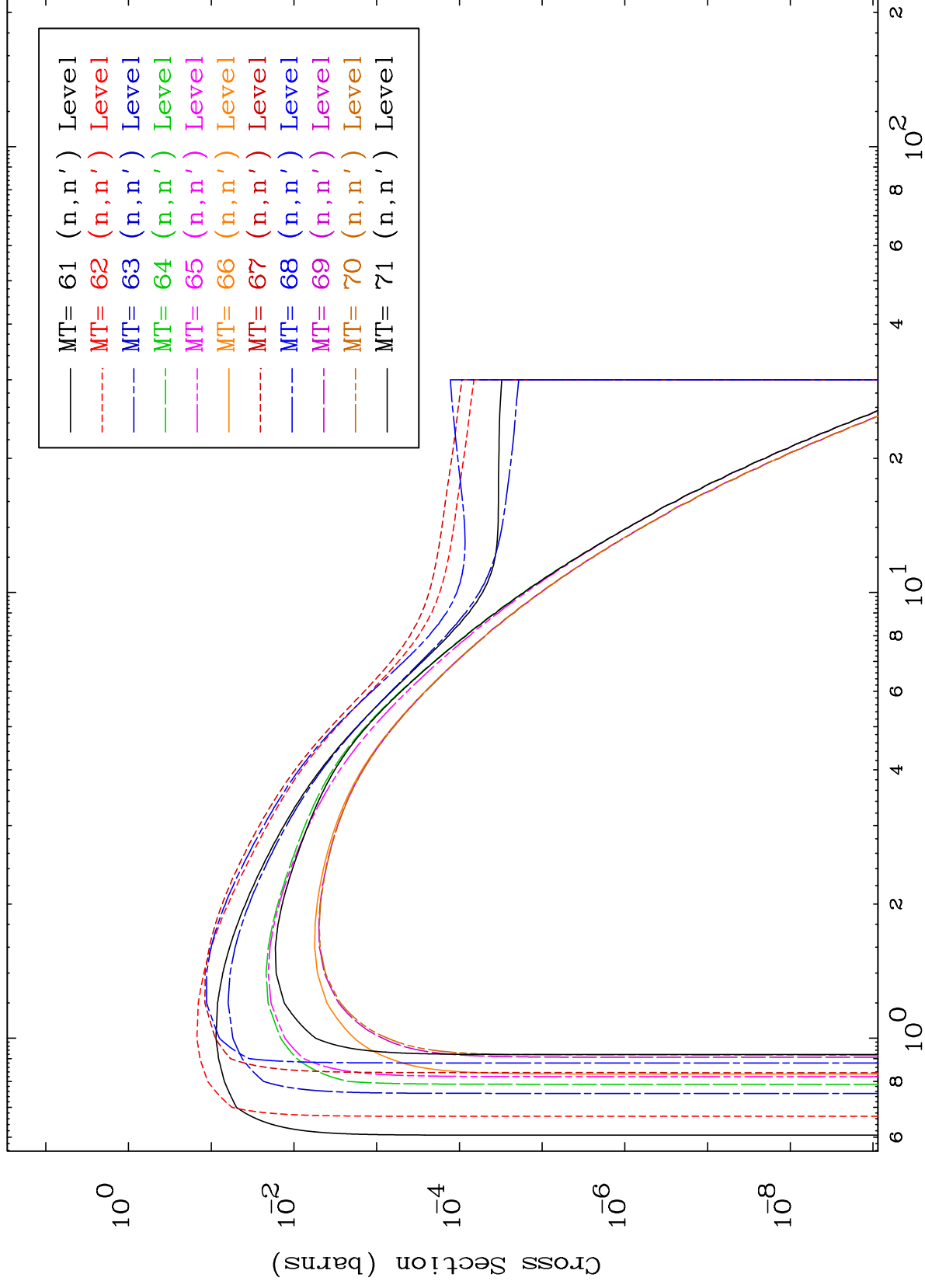


MAT 3234

(n,n') Level

32-Ge-73

293 Kelvin Cross Sections

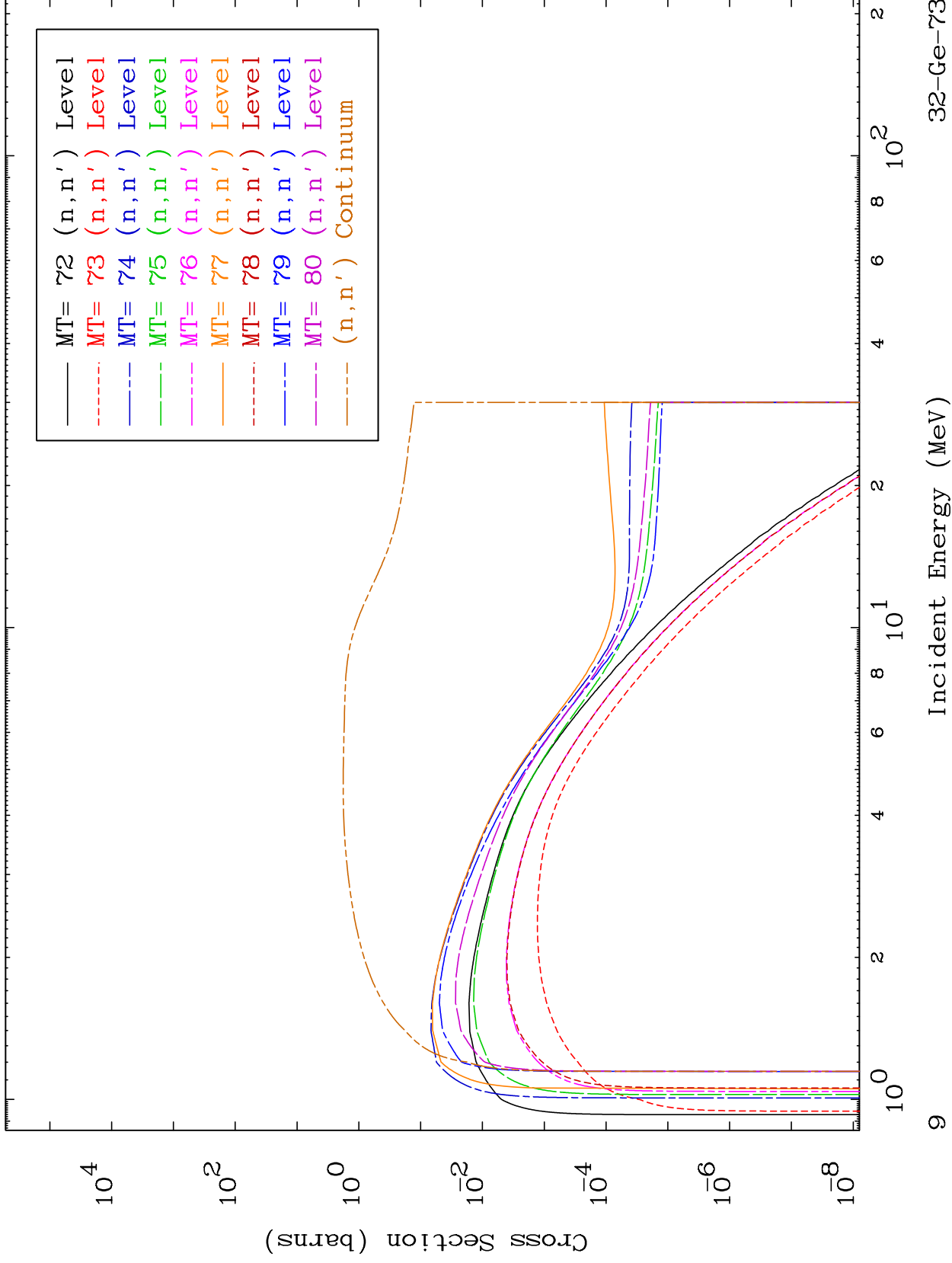


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Incident Energy (MeV)

32-Ge-73

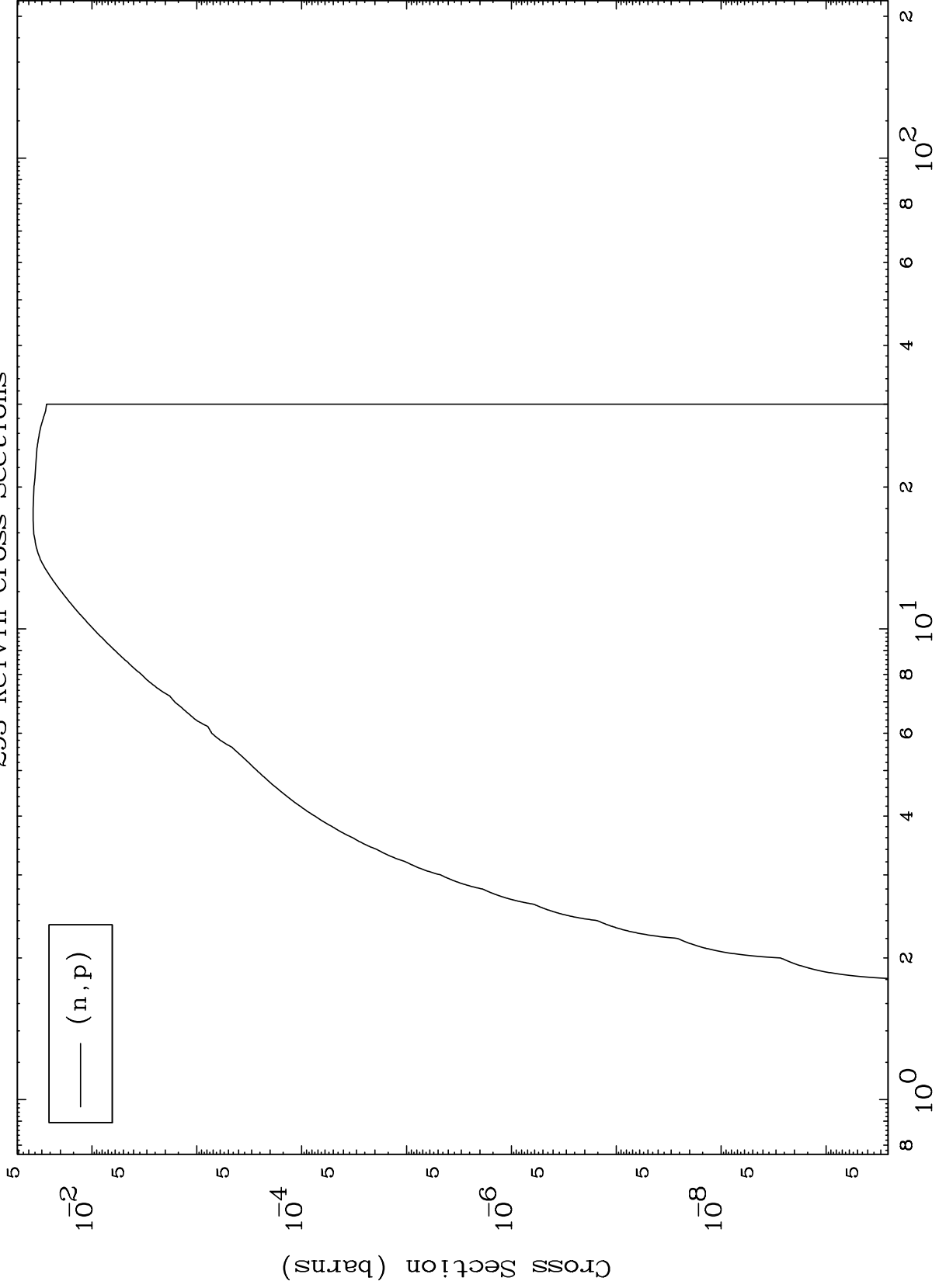
293 Kelvin Cross Sections



MAT 3234

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-73



10

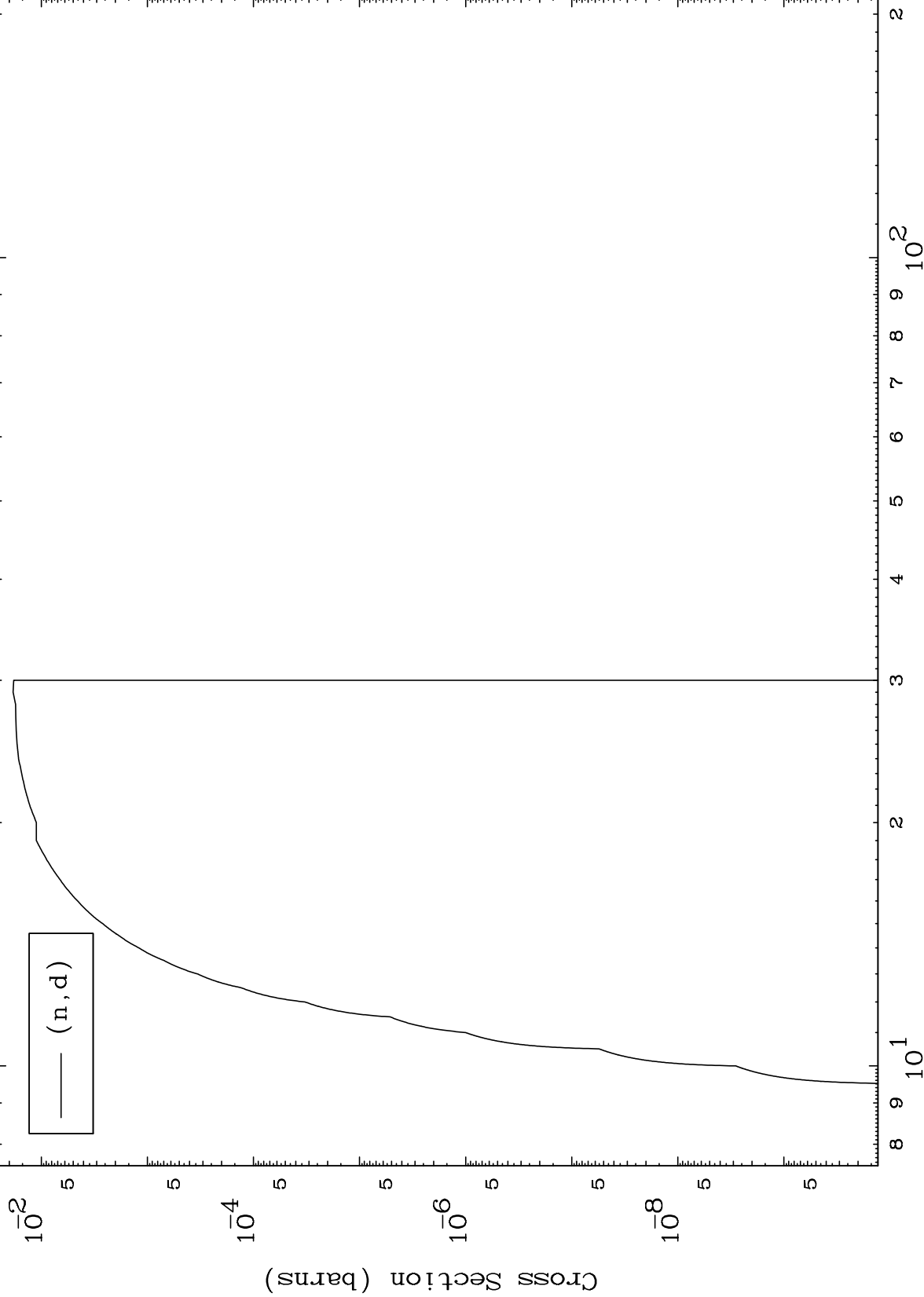
Incident Energy (MeV)

32-Ge-73

MAT 3234

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-73



(n,d)

11

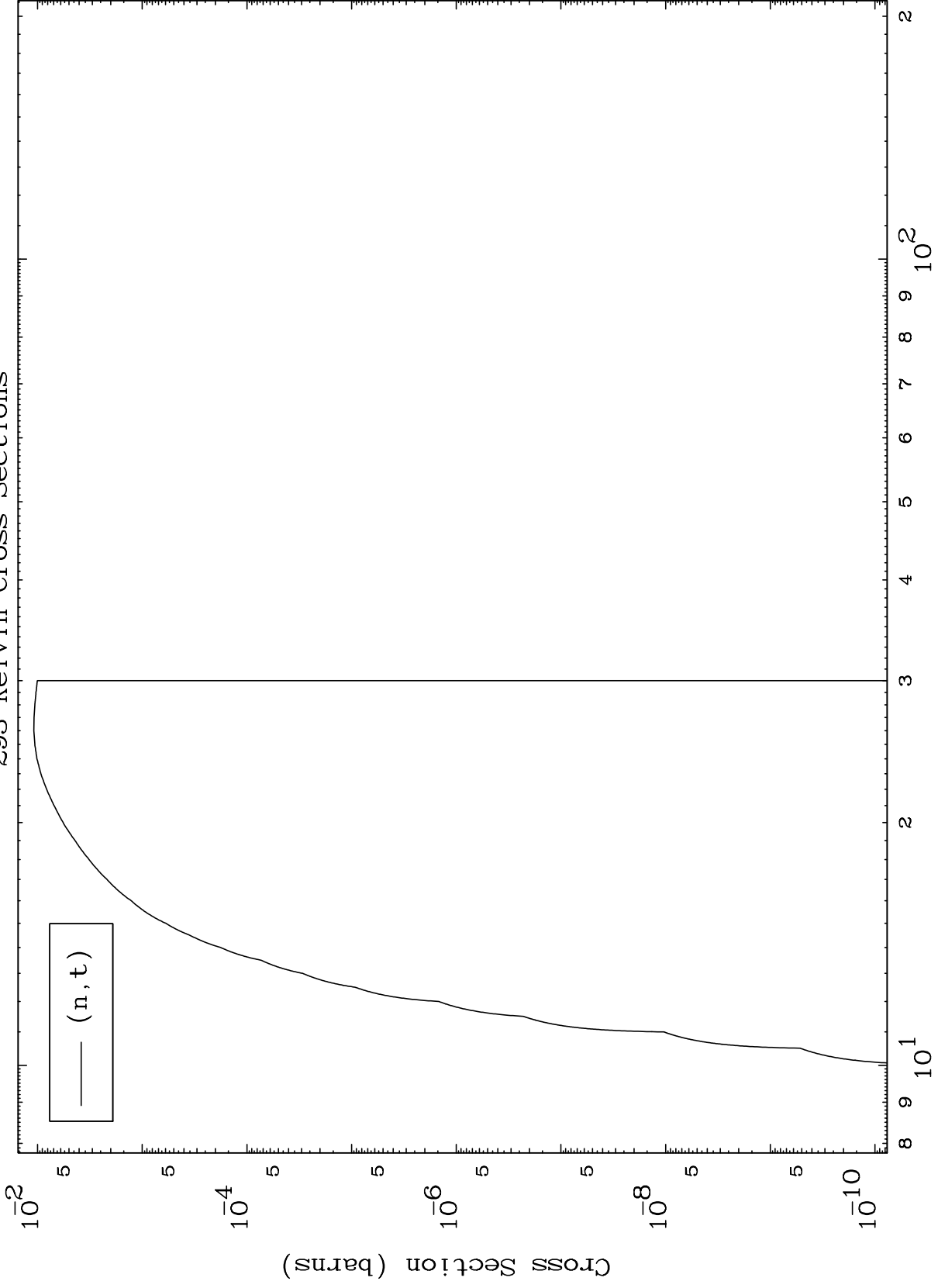
Incident Energy (MeV)

³²Ge-73

MAT 3234

(n,t) Levels
293 Kelvin Cross Sections

³²Ge-73



12

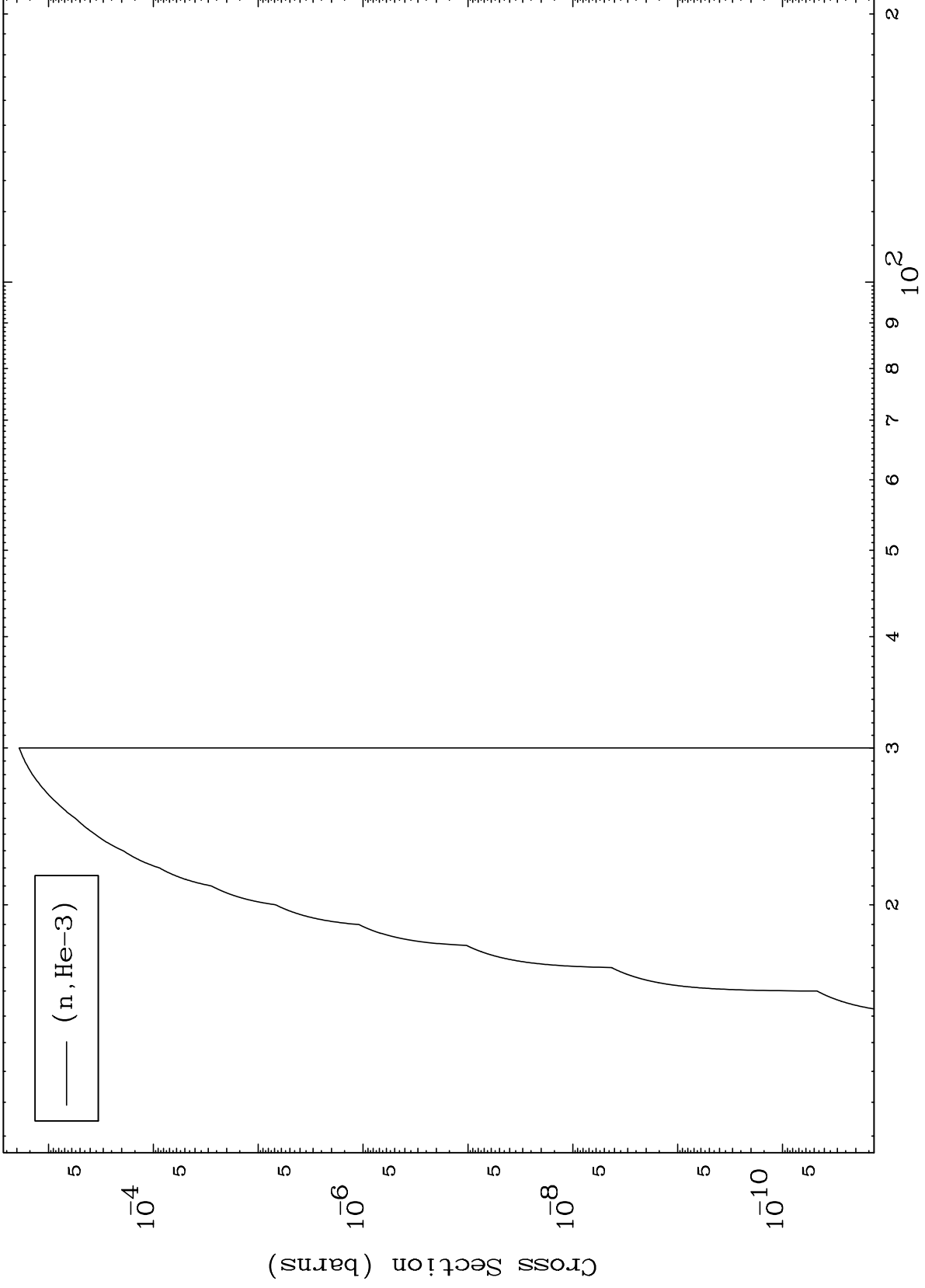
Incident Energy (MeV)

³²Ge-73

MAT 3234

(n,He3) Levels
293 Kelvin Cross Sections

³²Ge-73



13

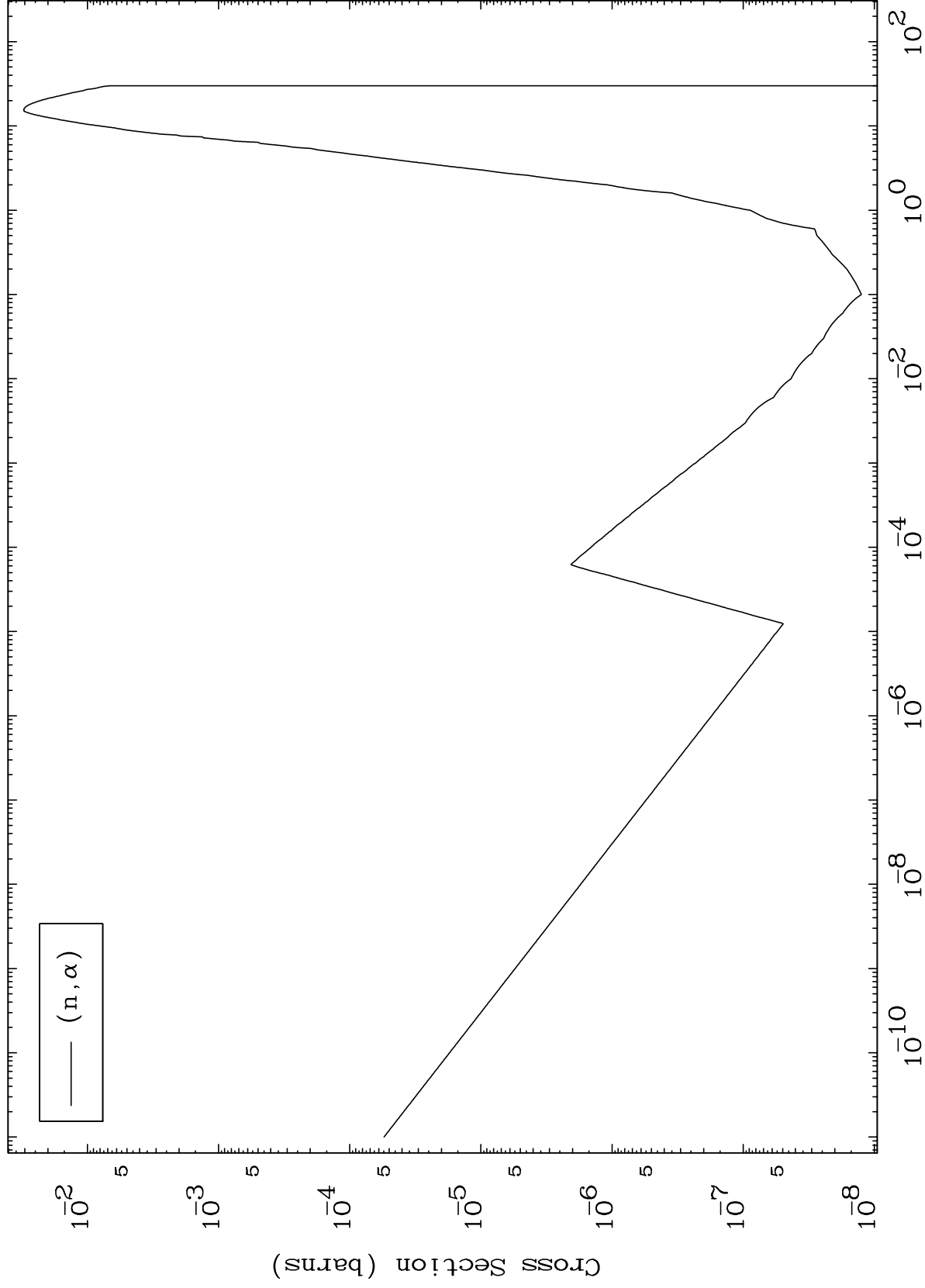
Incident Energy (MeV)

³²Ge-73

MAT 3234

(n, α) Levels
293 Kelvin Cross Sections

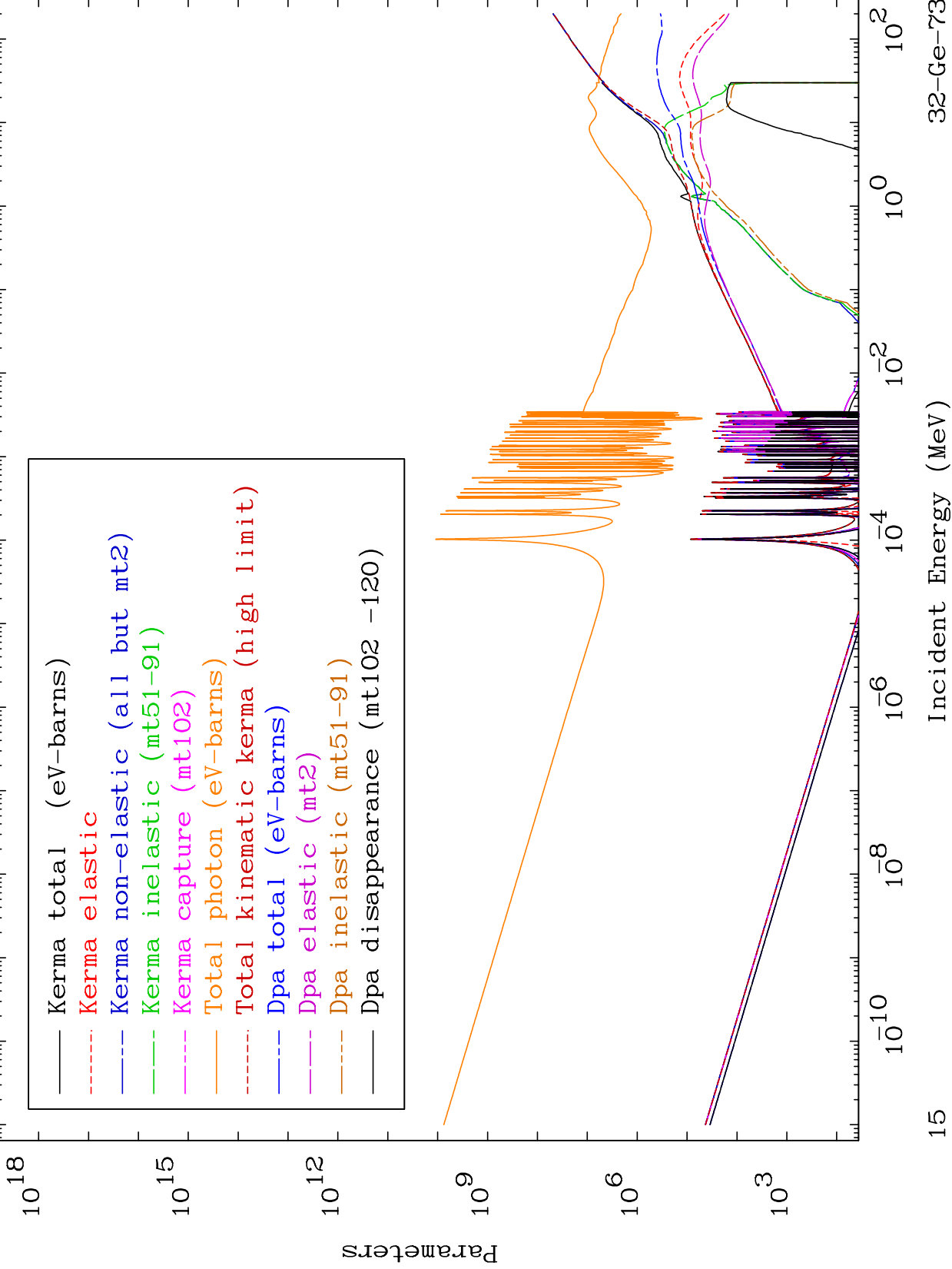
32-Ge-73



14

Incident Energy (MeV)

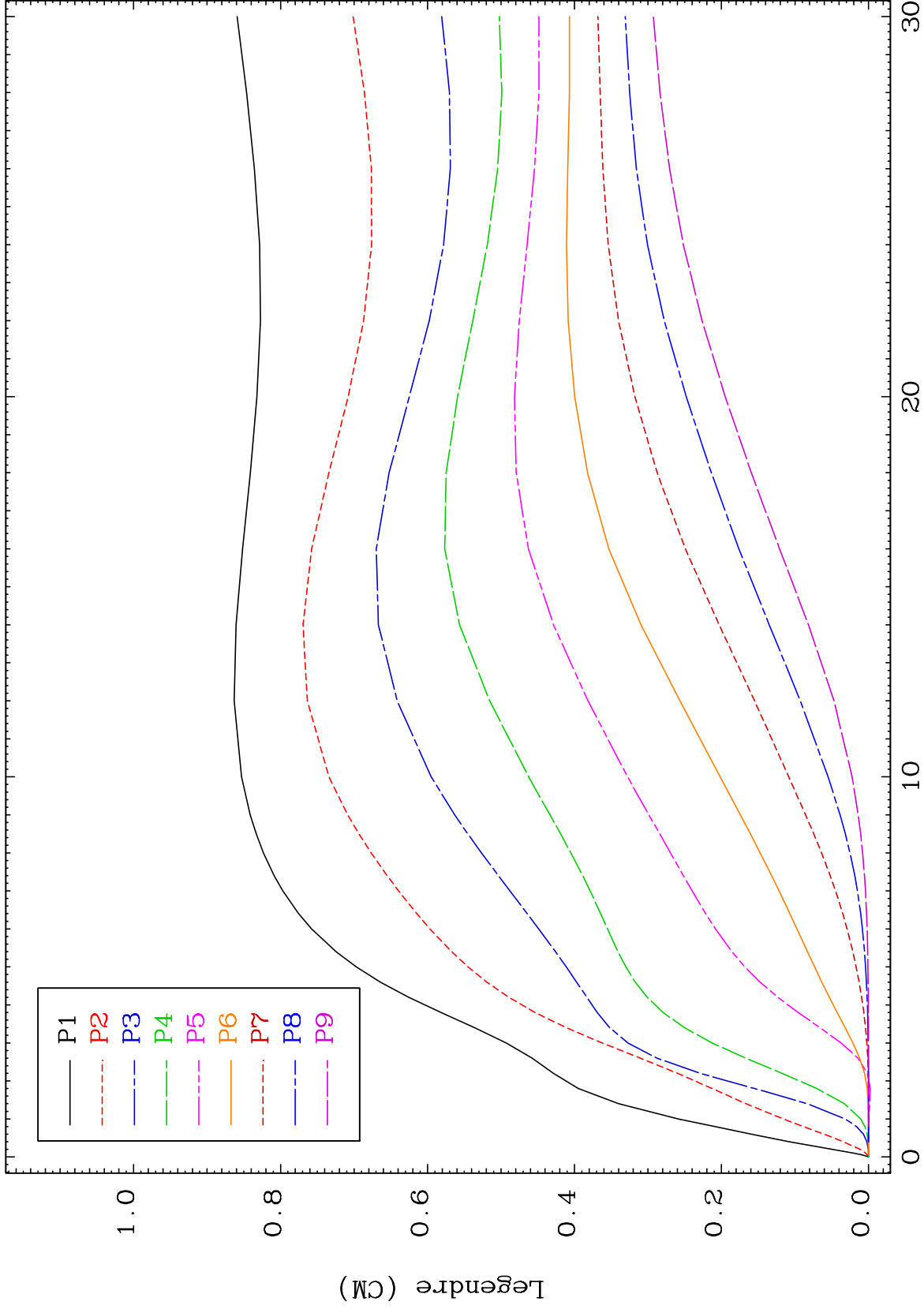
32-Ge-73



MAT 3234

Elastic Legendre Coefficients

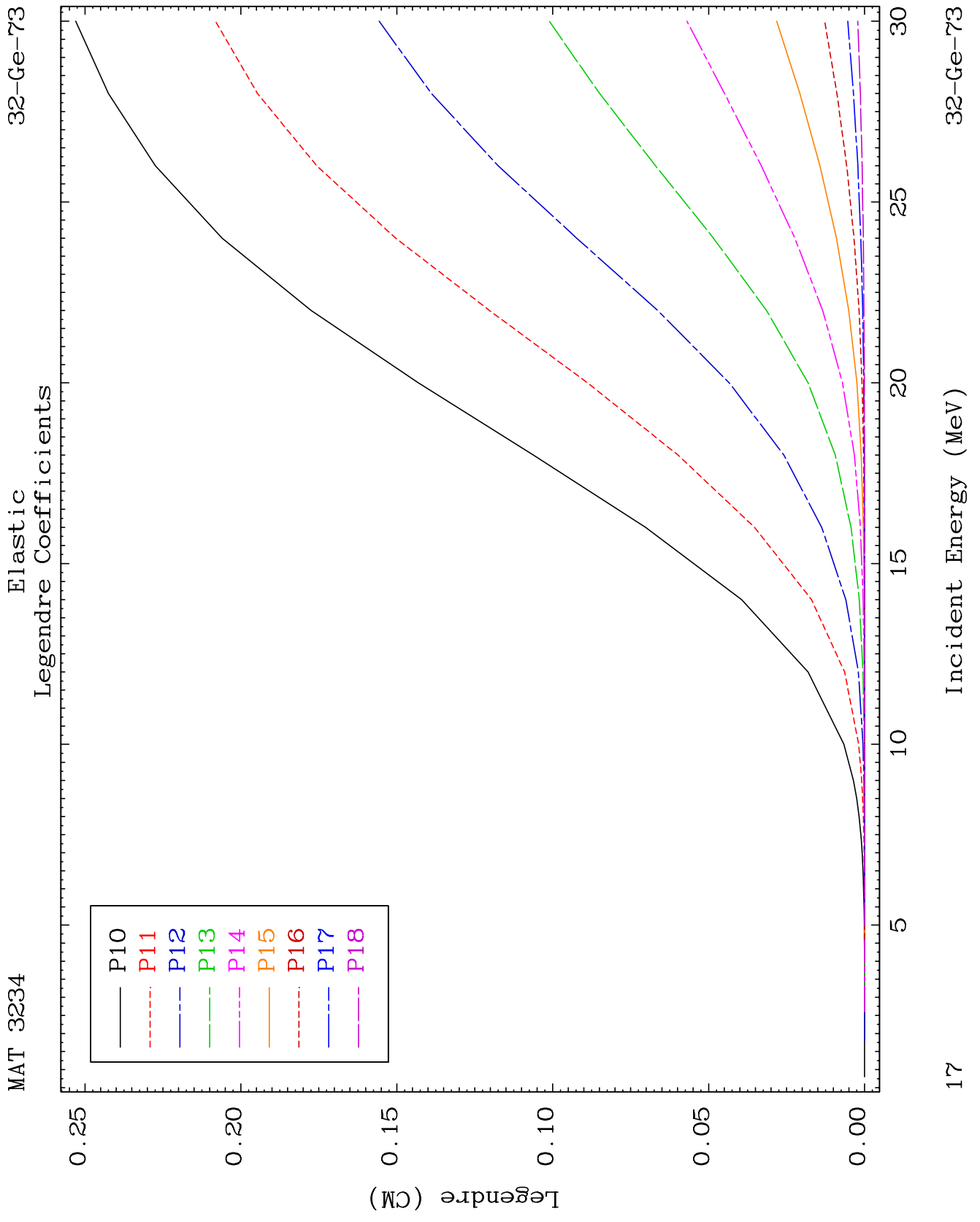
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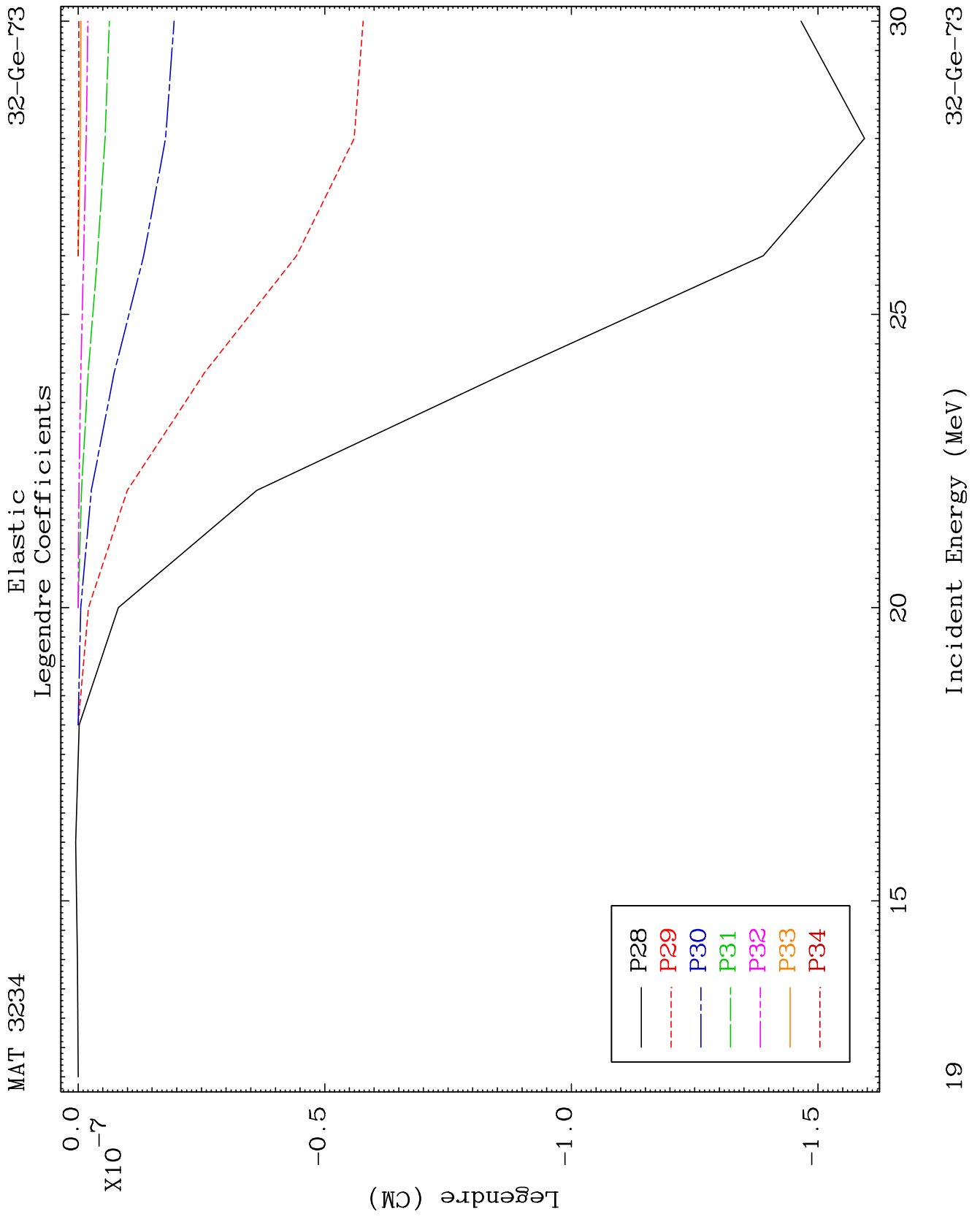


16

Incident Energy (MeV)

³²Ge-73

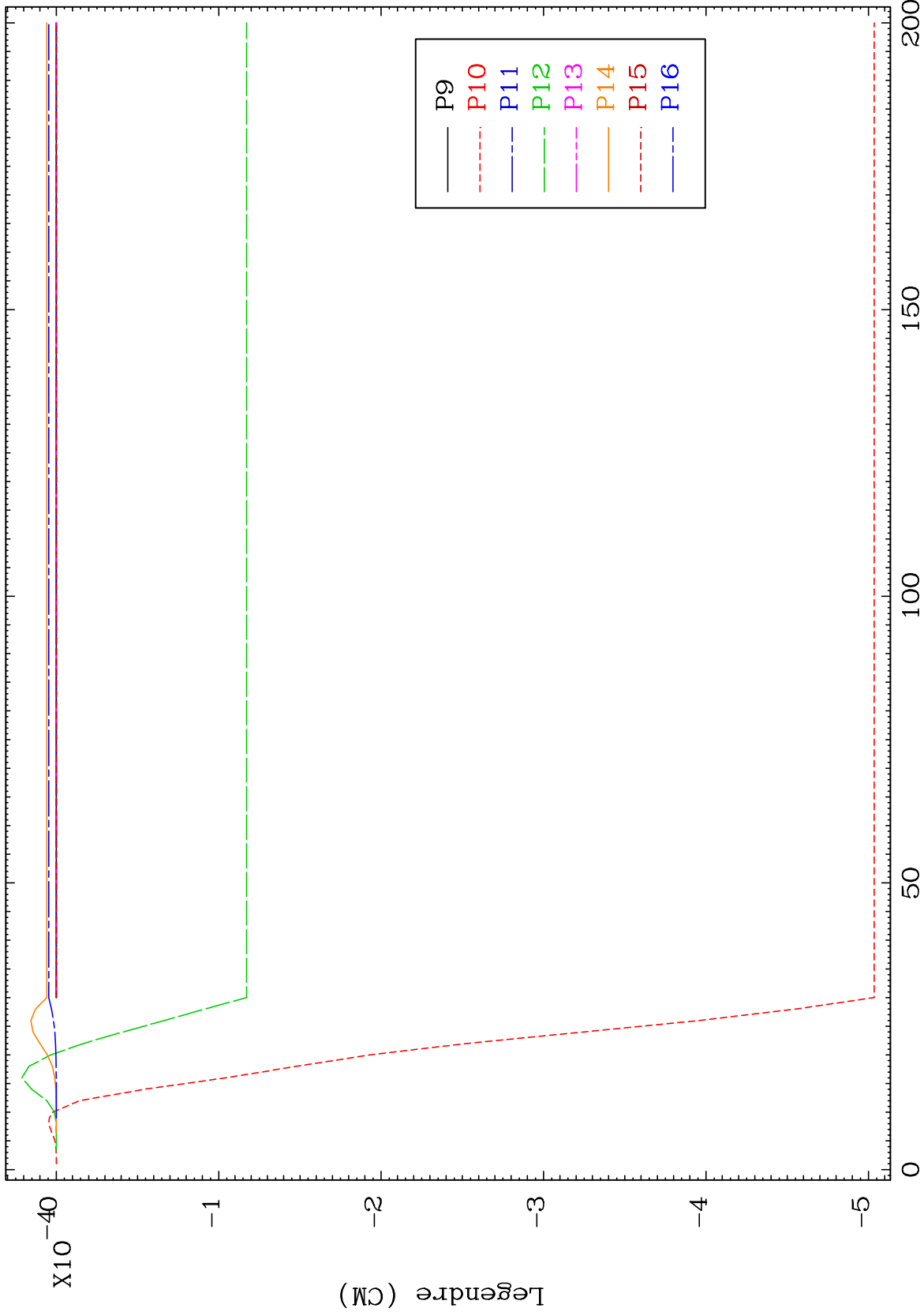




MAT 3234

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

32-Ge-73



21

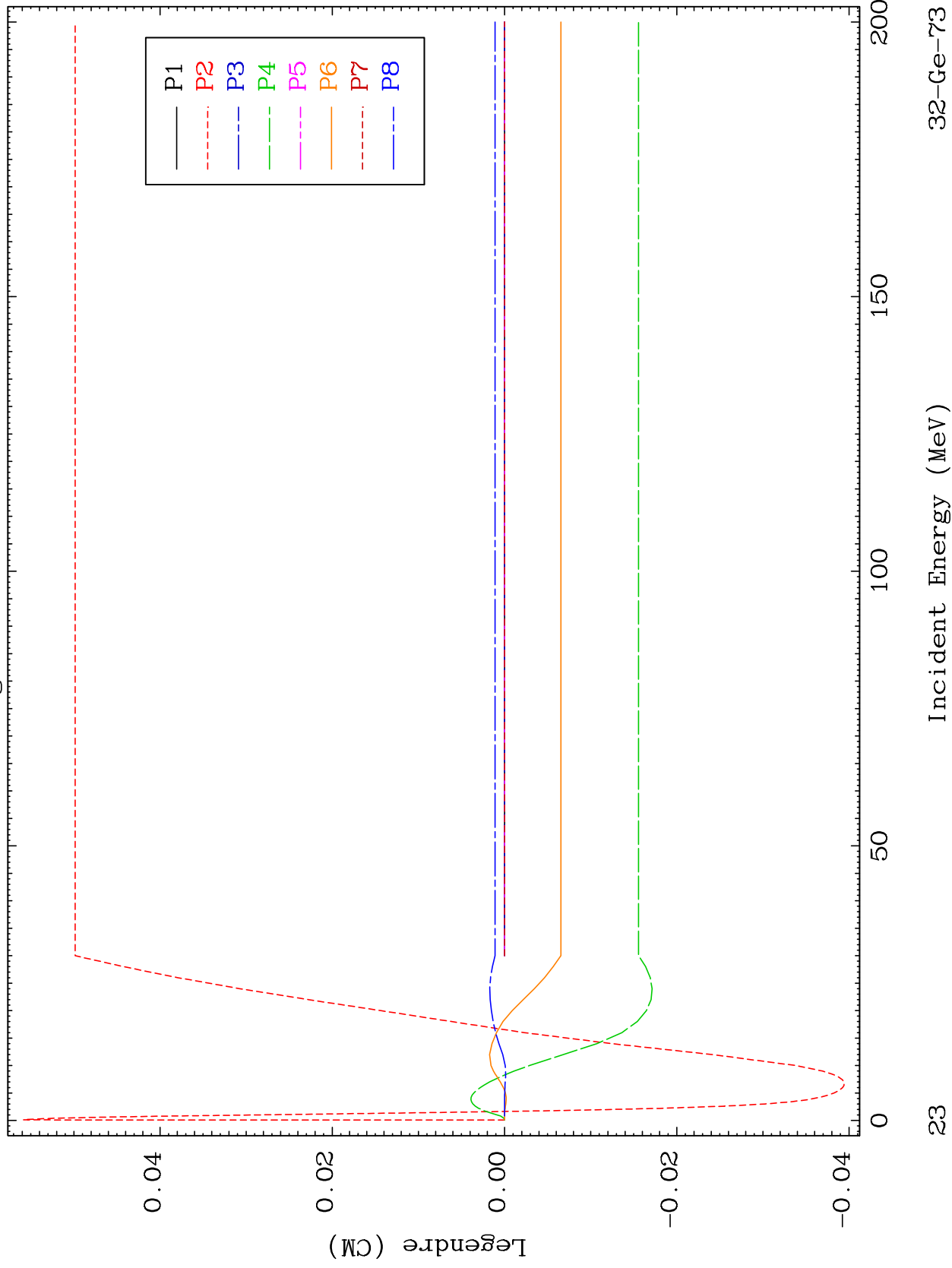
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



32-Ge-73

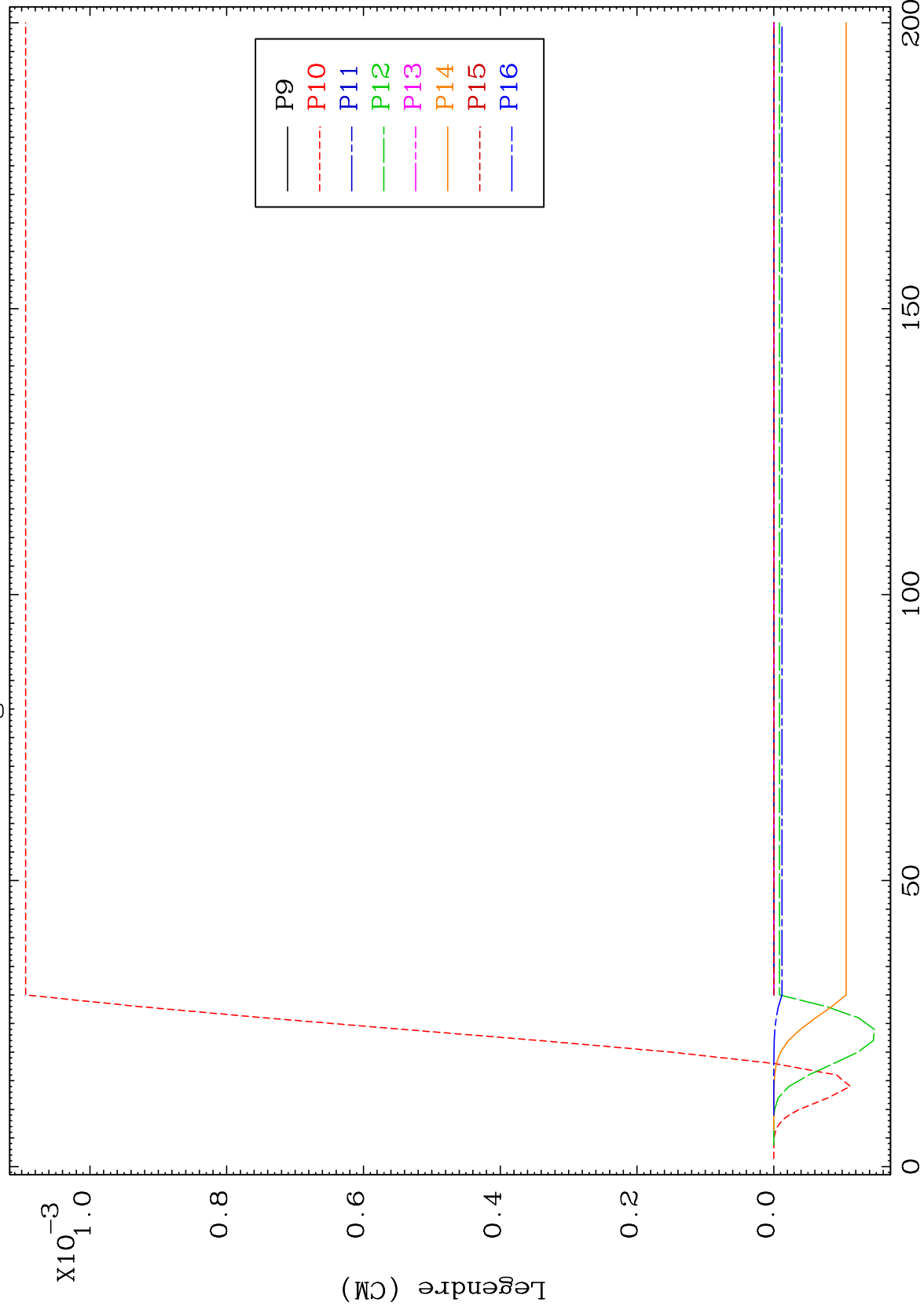
Incident Energy (MeV)

23

MAT 3234

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

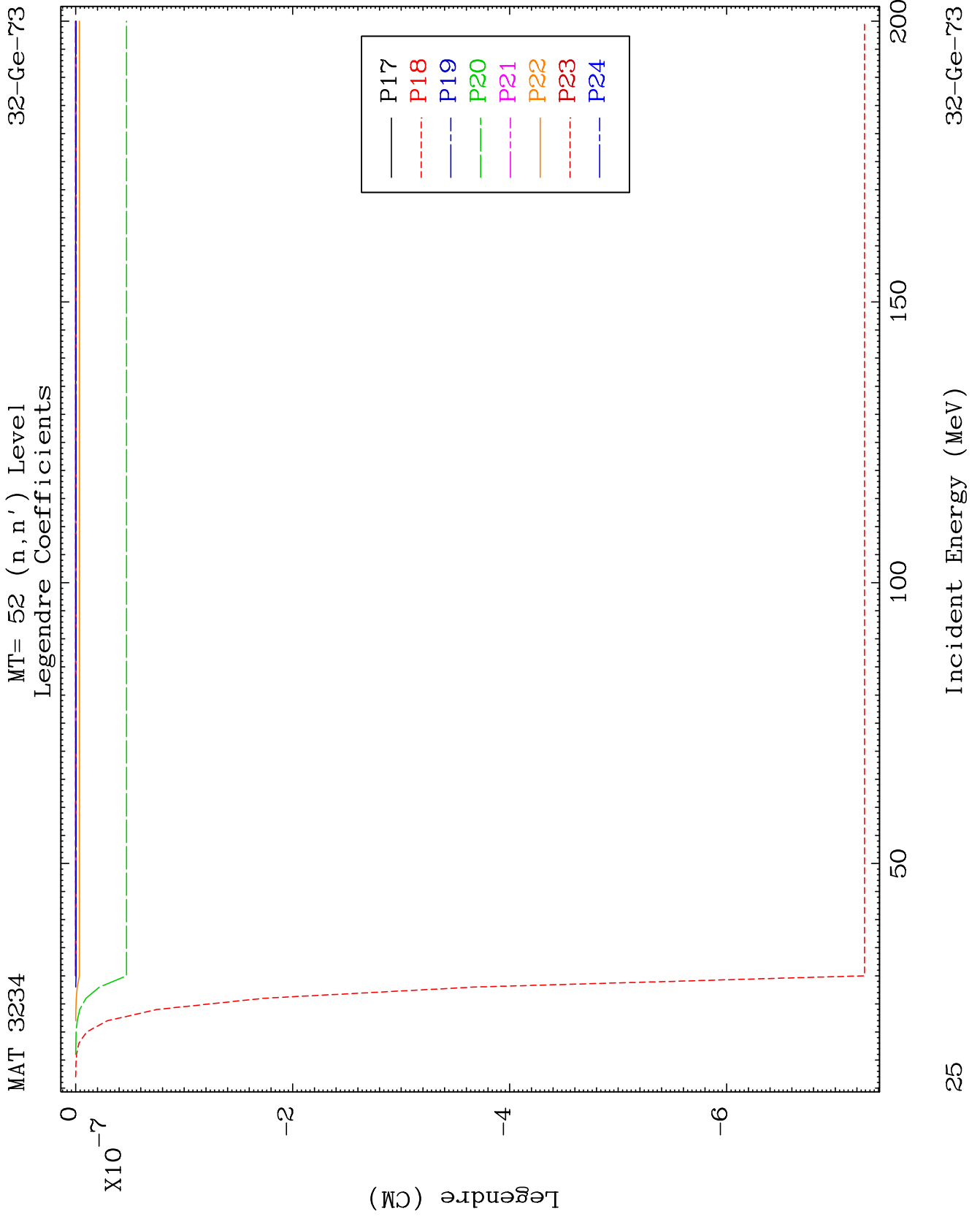
32-Ge-73



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Incident Energy (MeV)

32-Ge-73

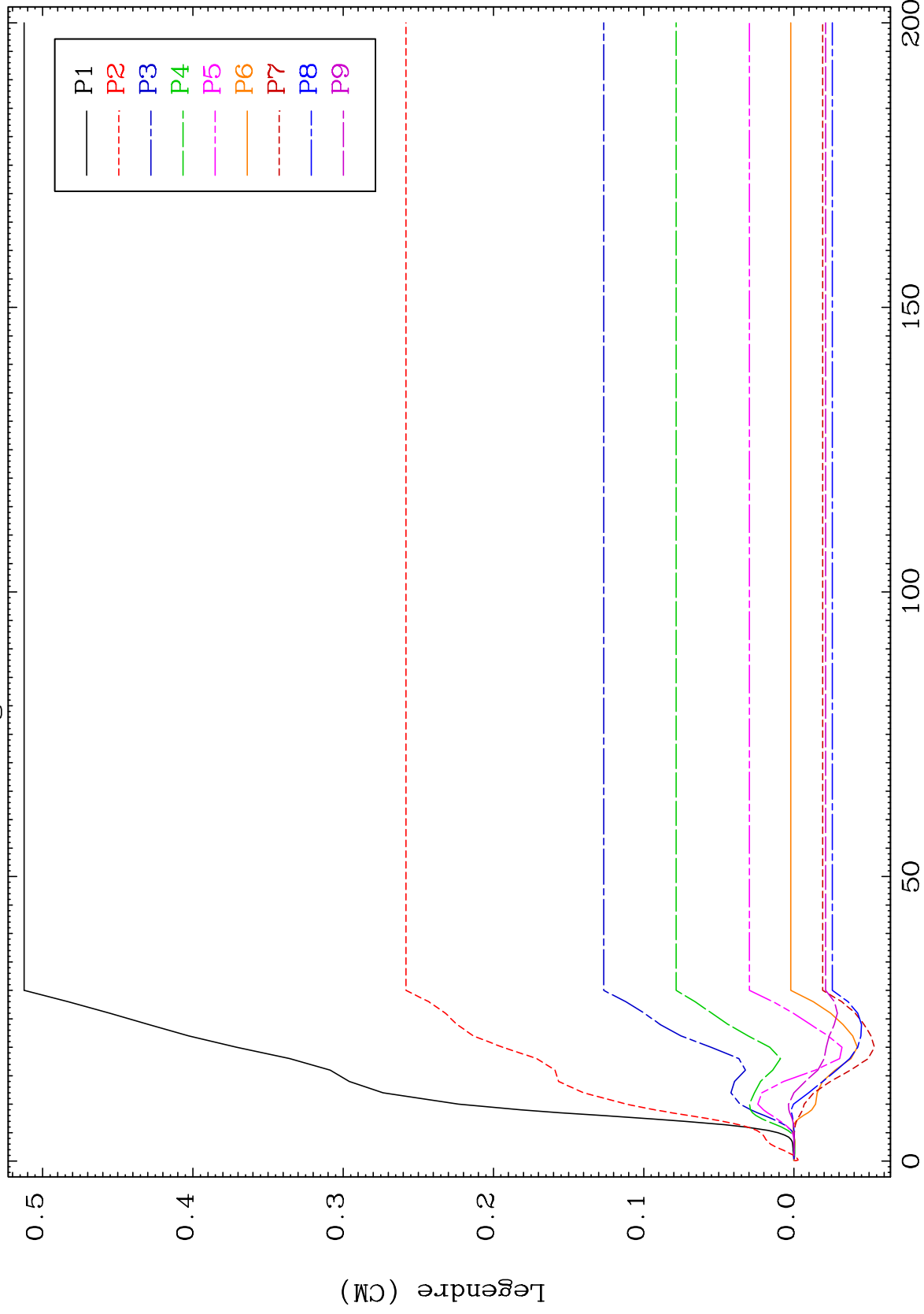


MAT 3234

MT= 53 (n,n') Level

32-Ge-73

Legendre Coefficients



26

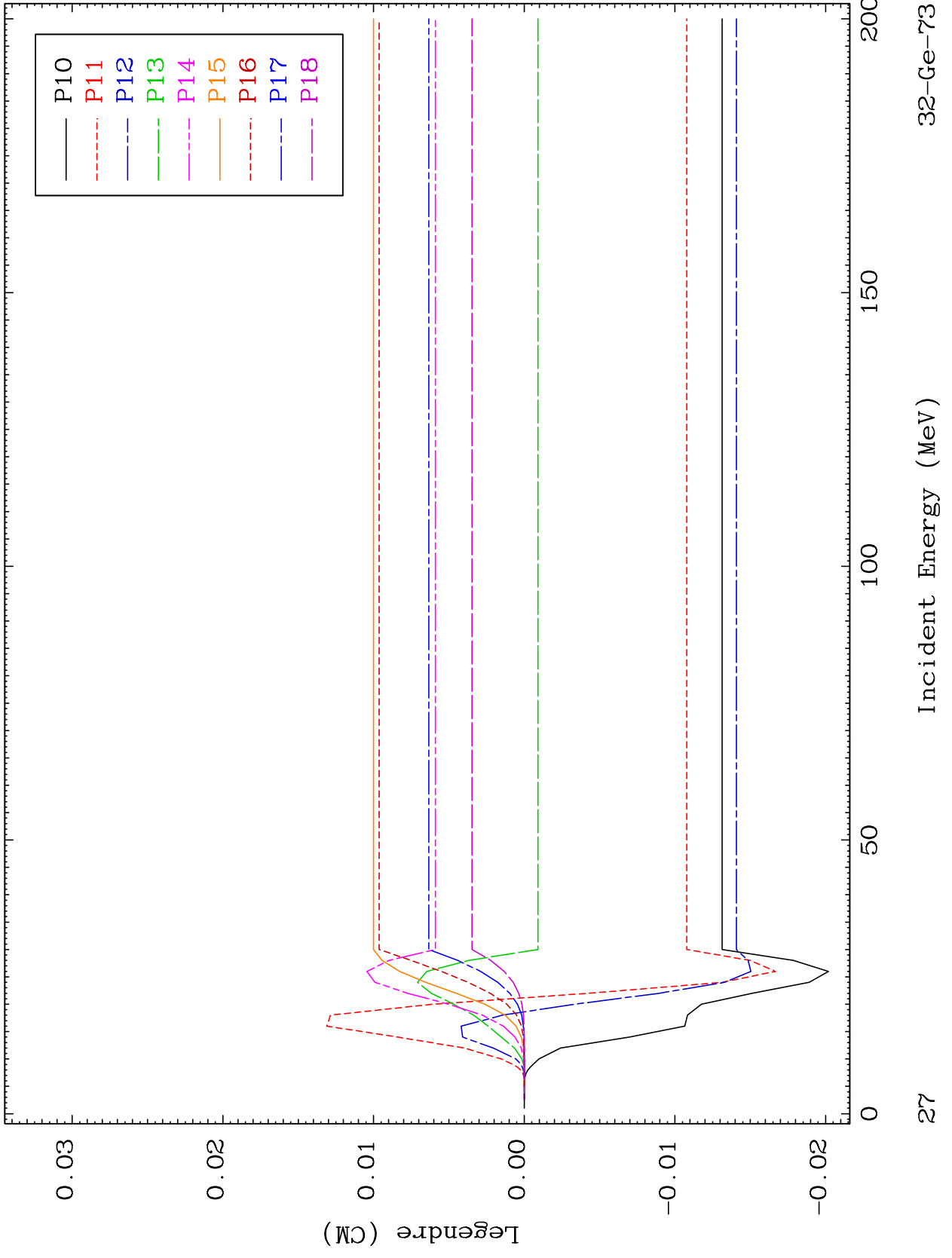
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

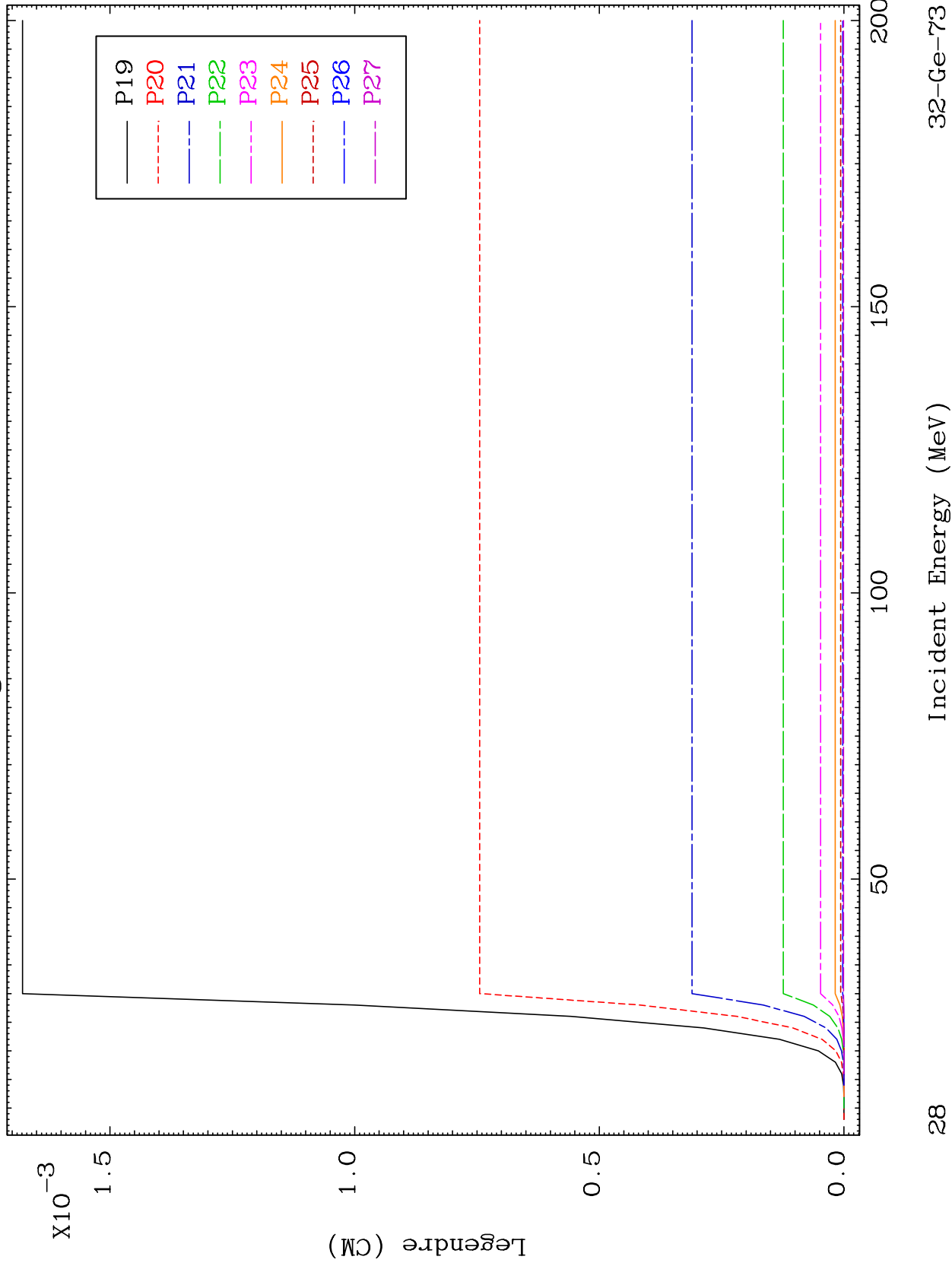
32-Ge-73



MAT 3234

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

32-Ge-73



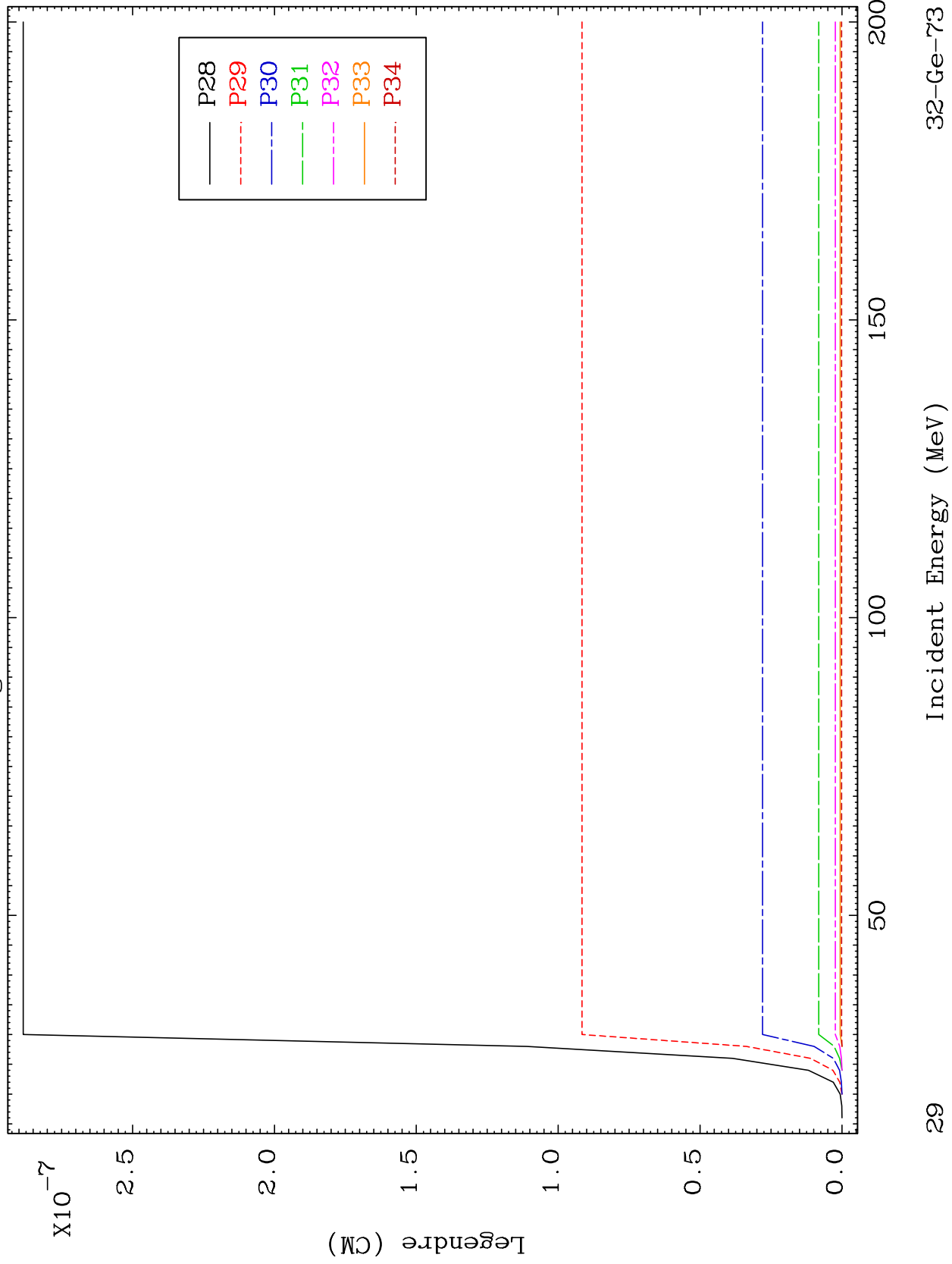
28

32-Ge-73

MAT 3234

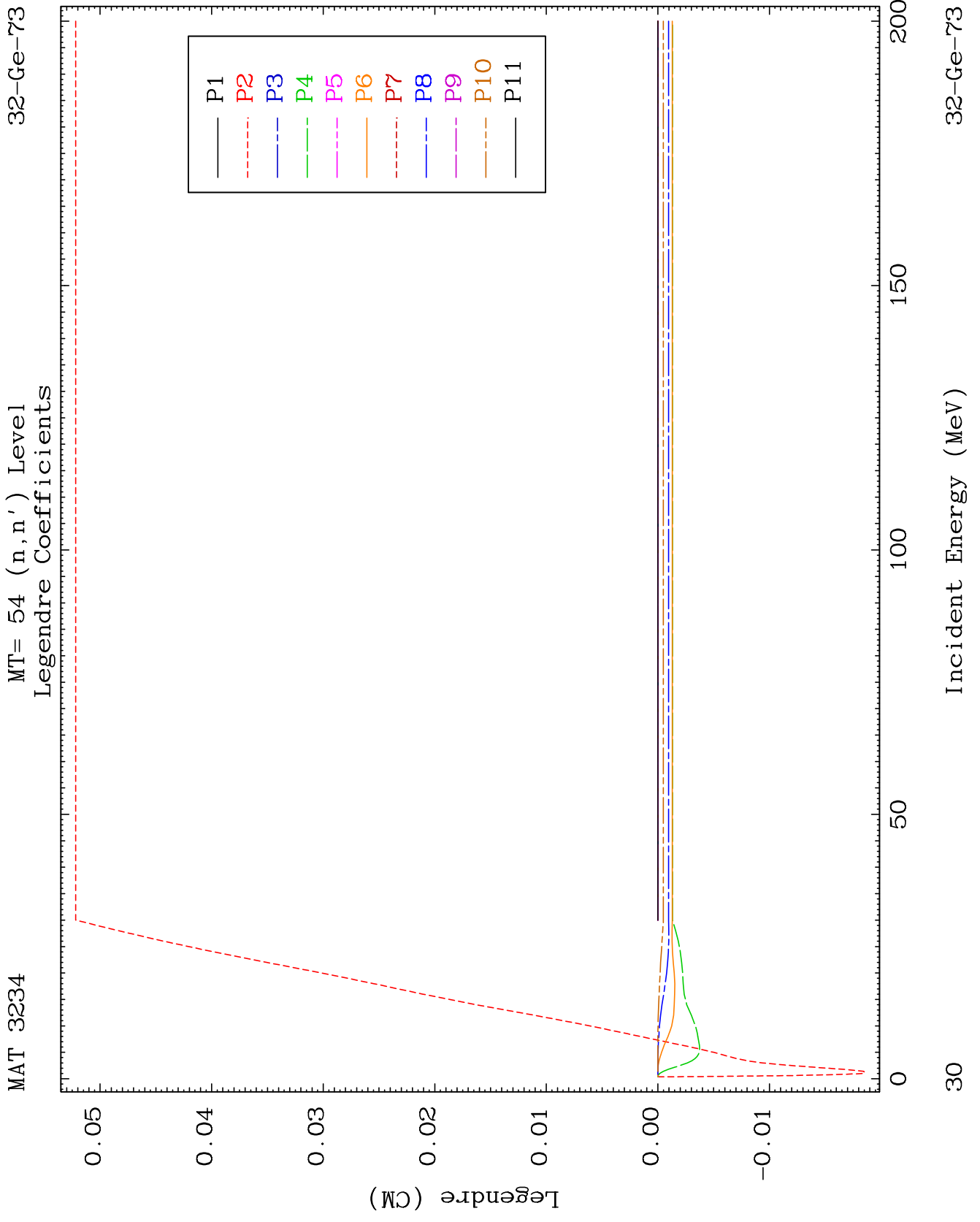
MT= 53 (n,n') Level
Legendre Coefficients

32-Ge-73



29

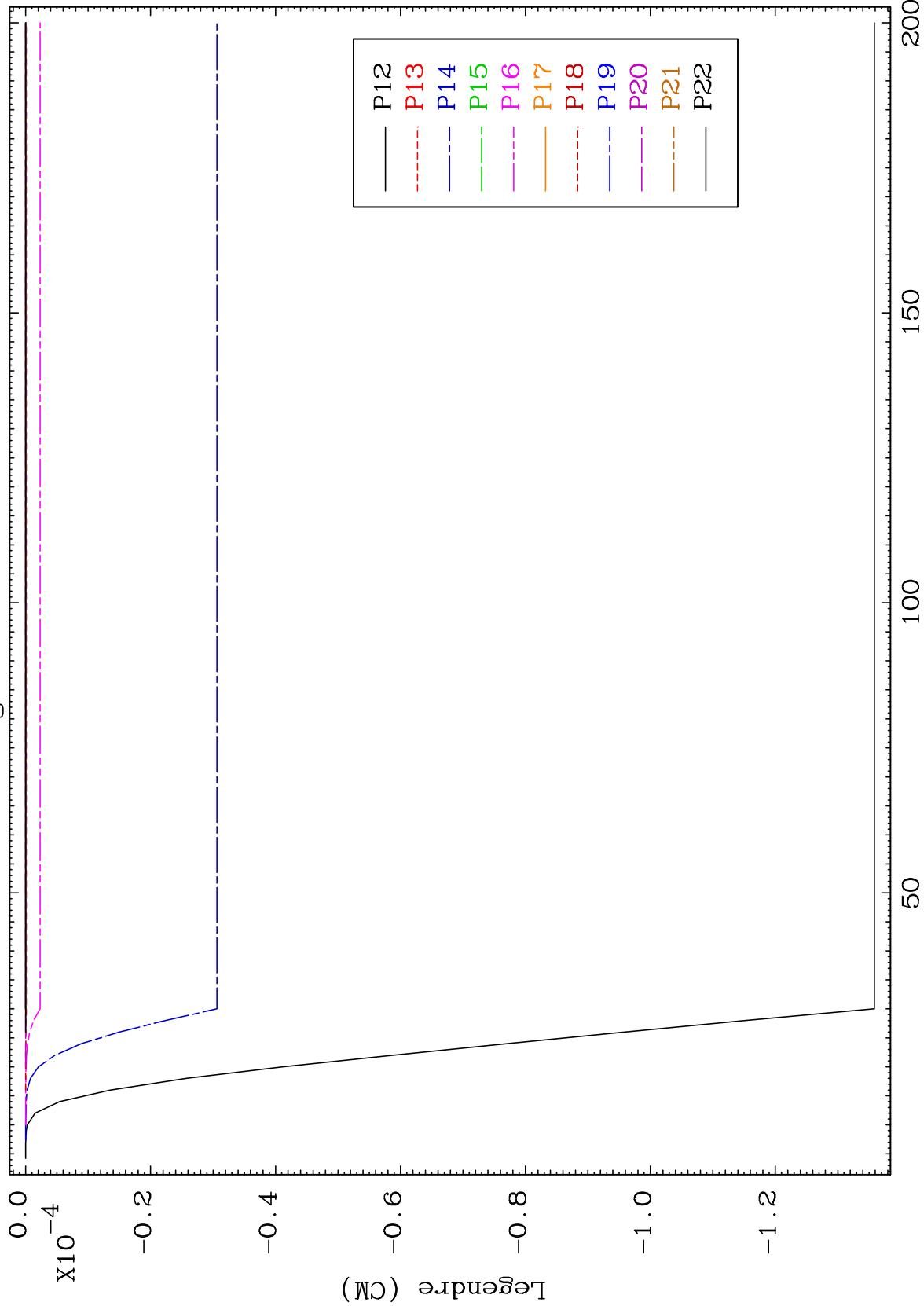
32-Ge-73

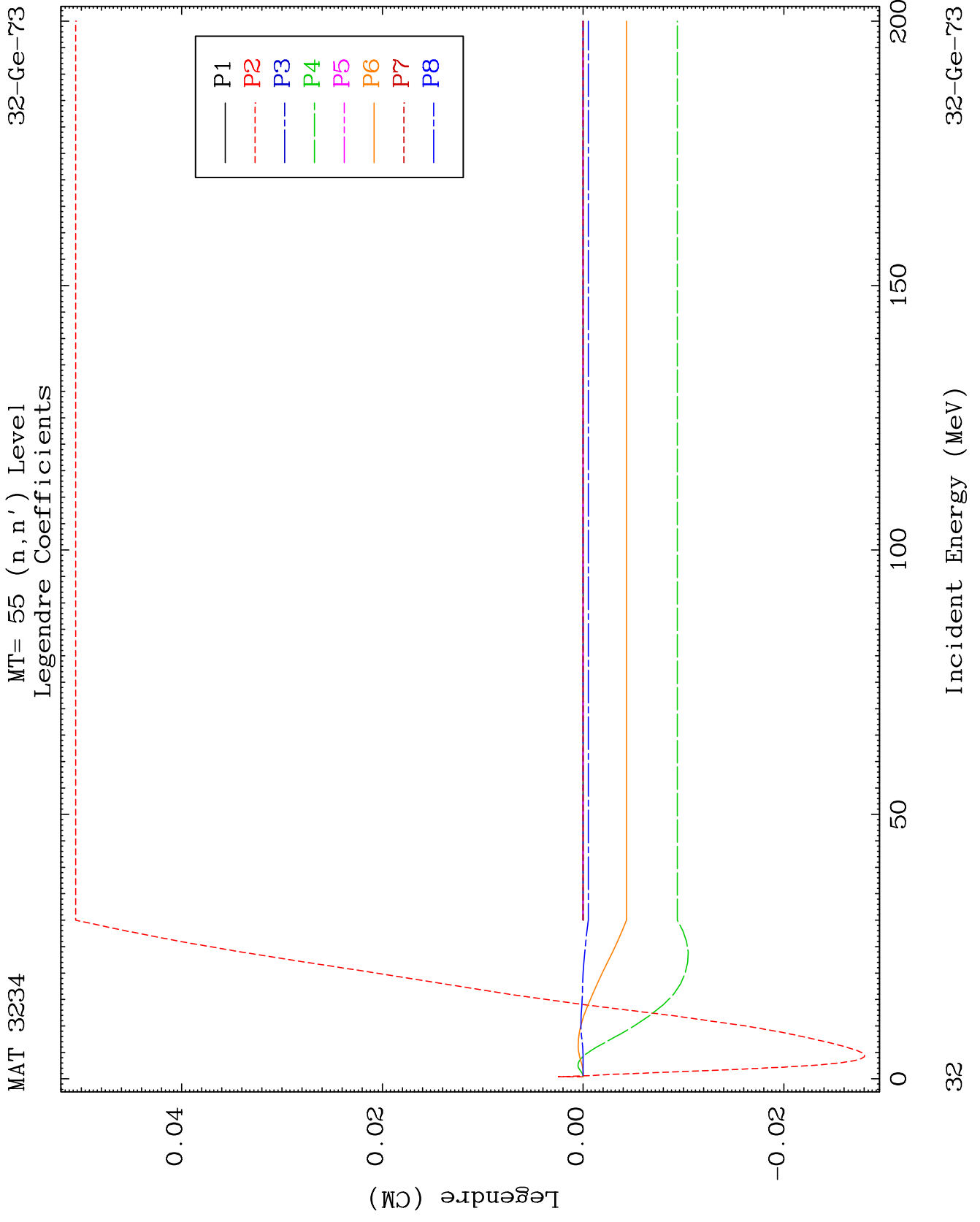


MAT 3234

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

32-Ge-73

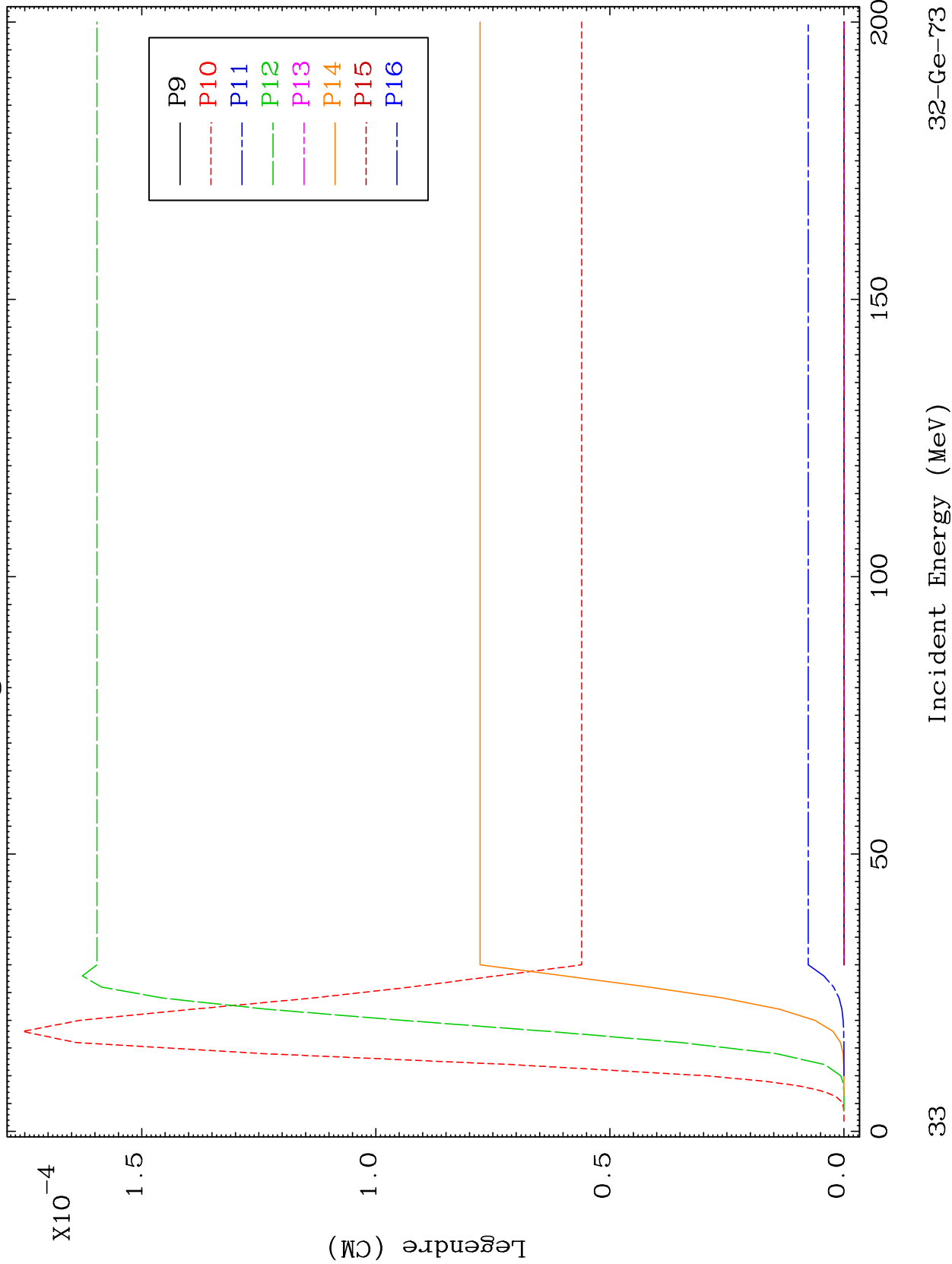


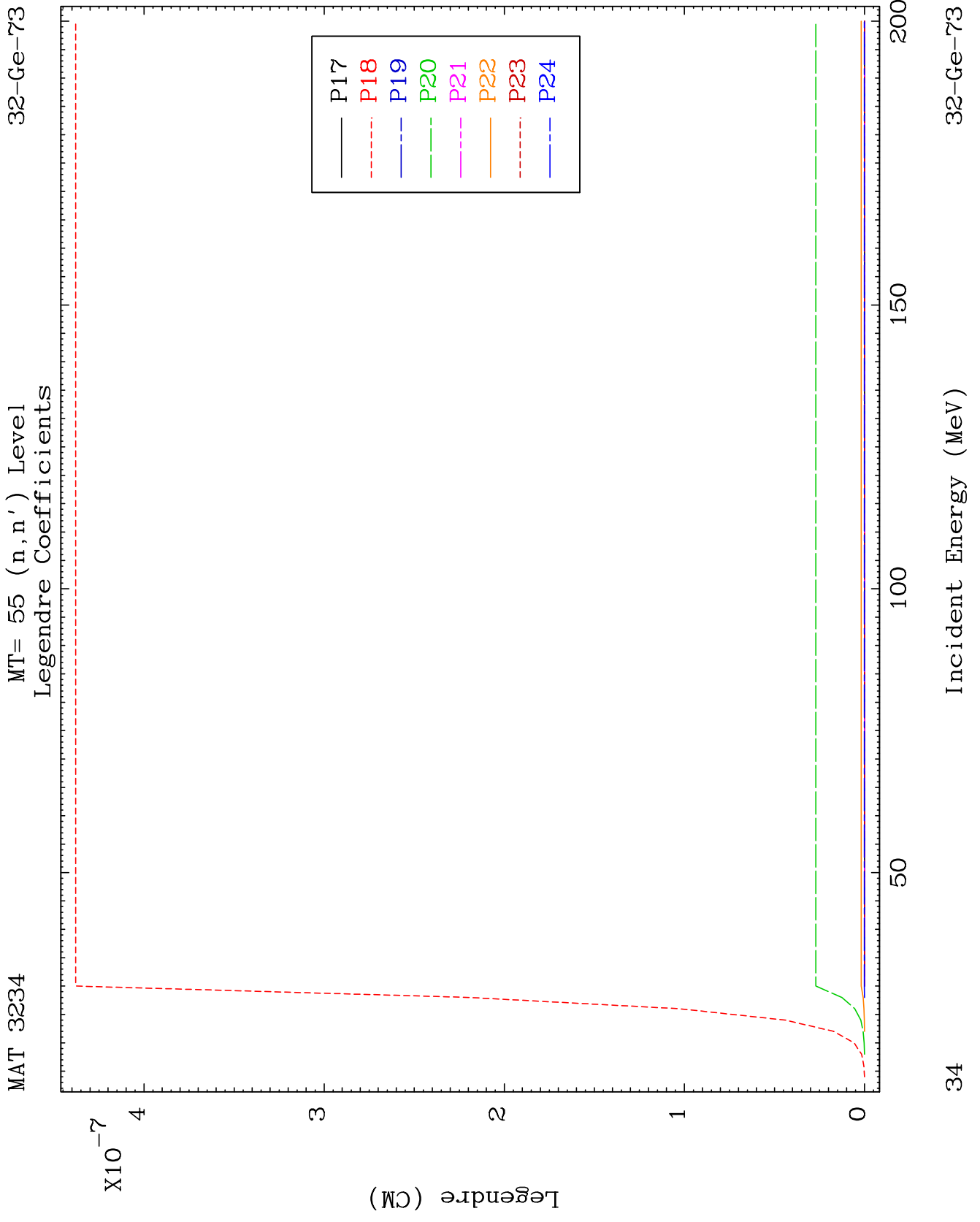


MAT 3234

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

32-Ge-73

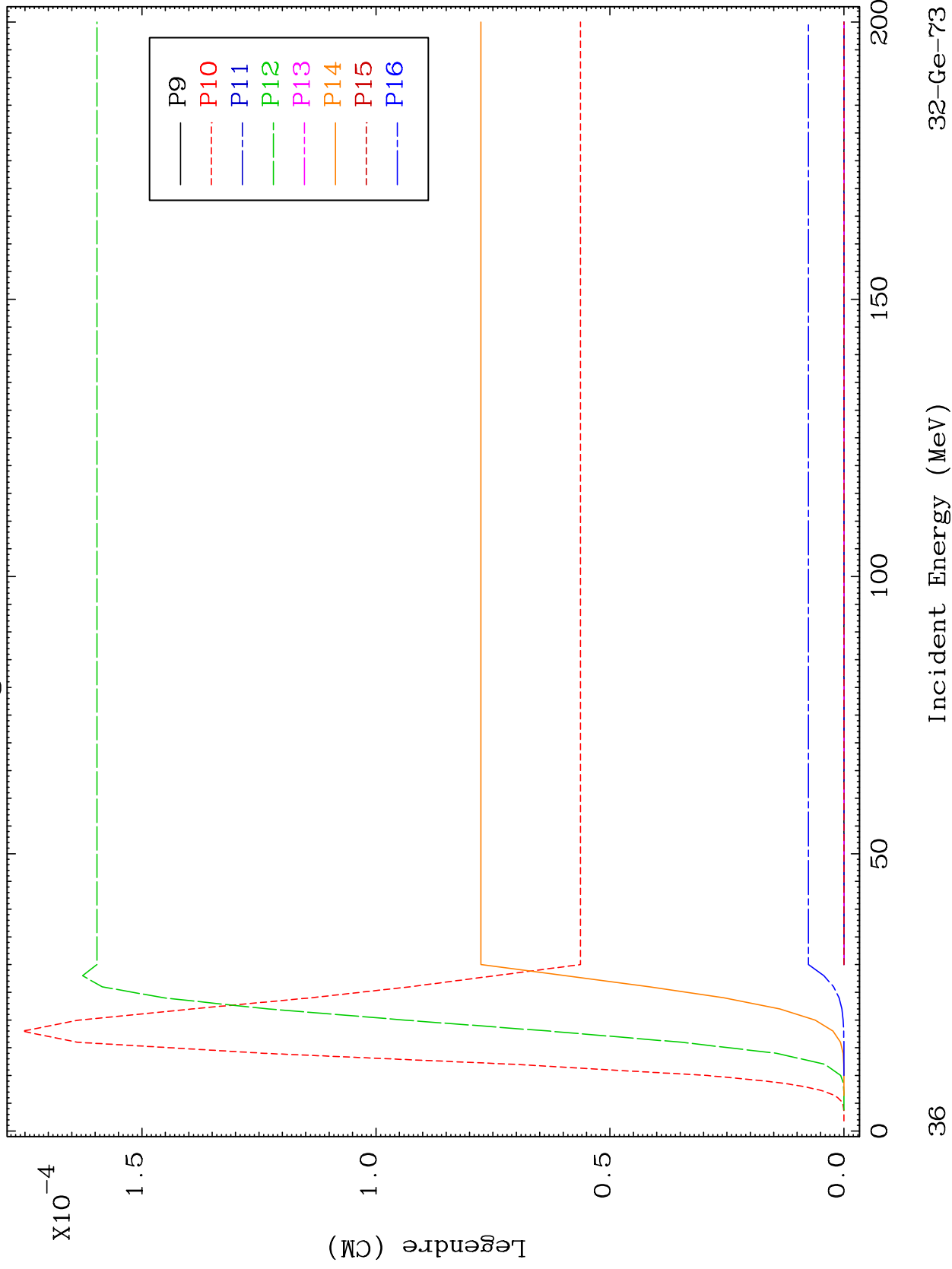


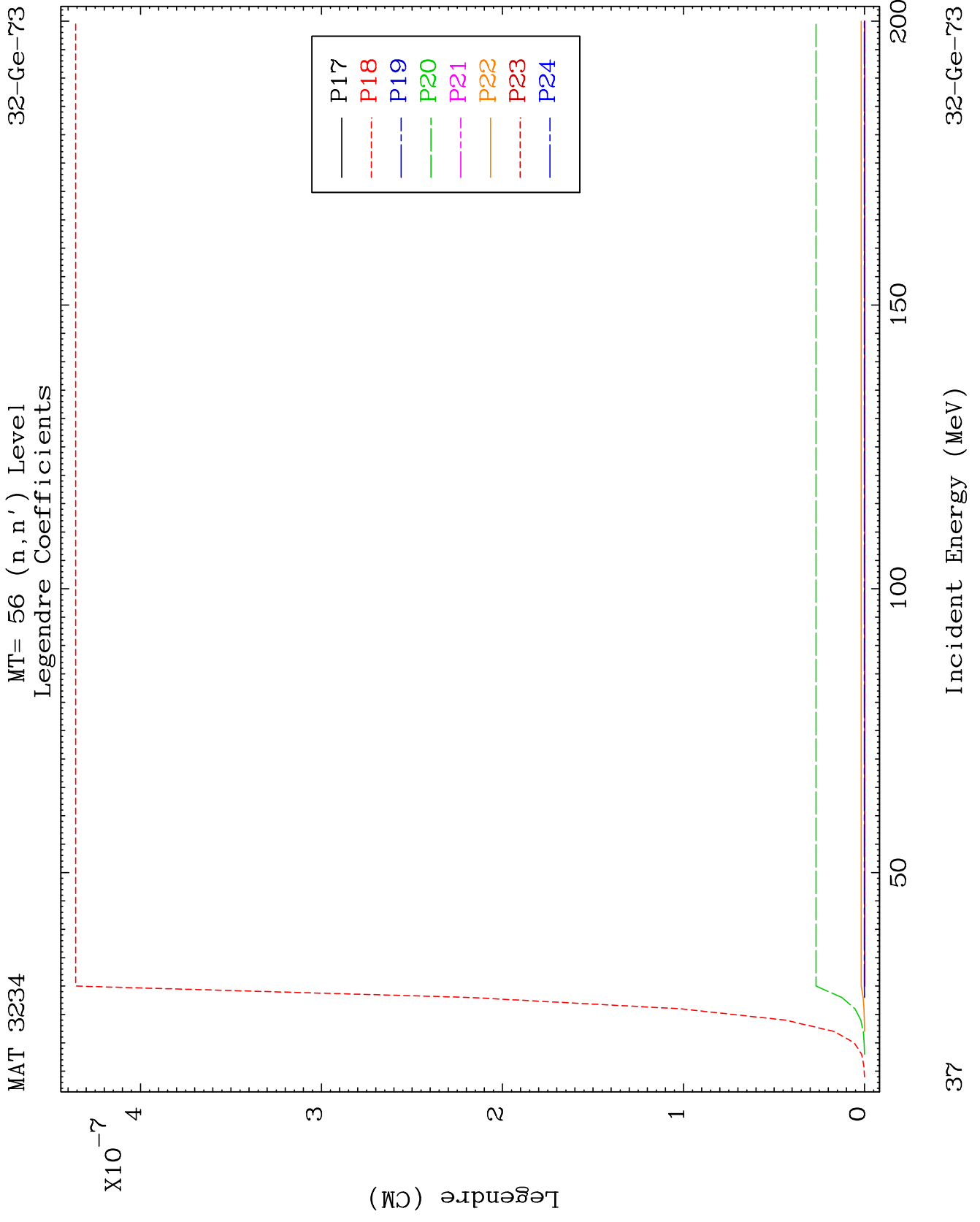


MAT 3234

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

32-Ge-73

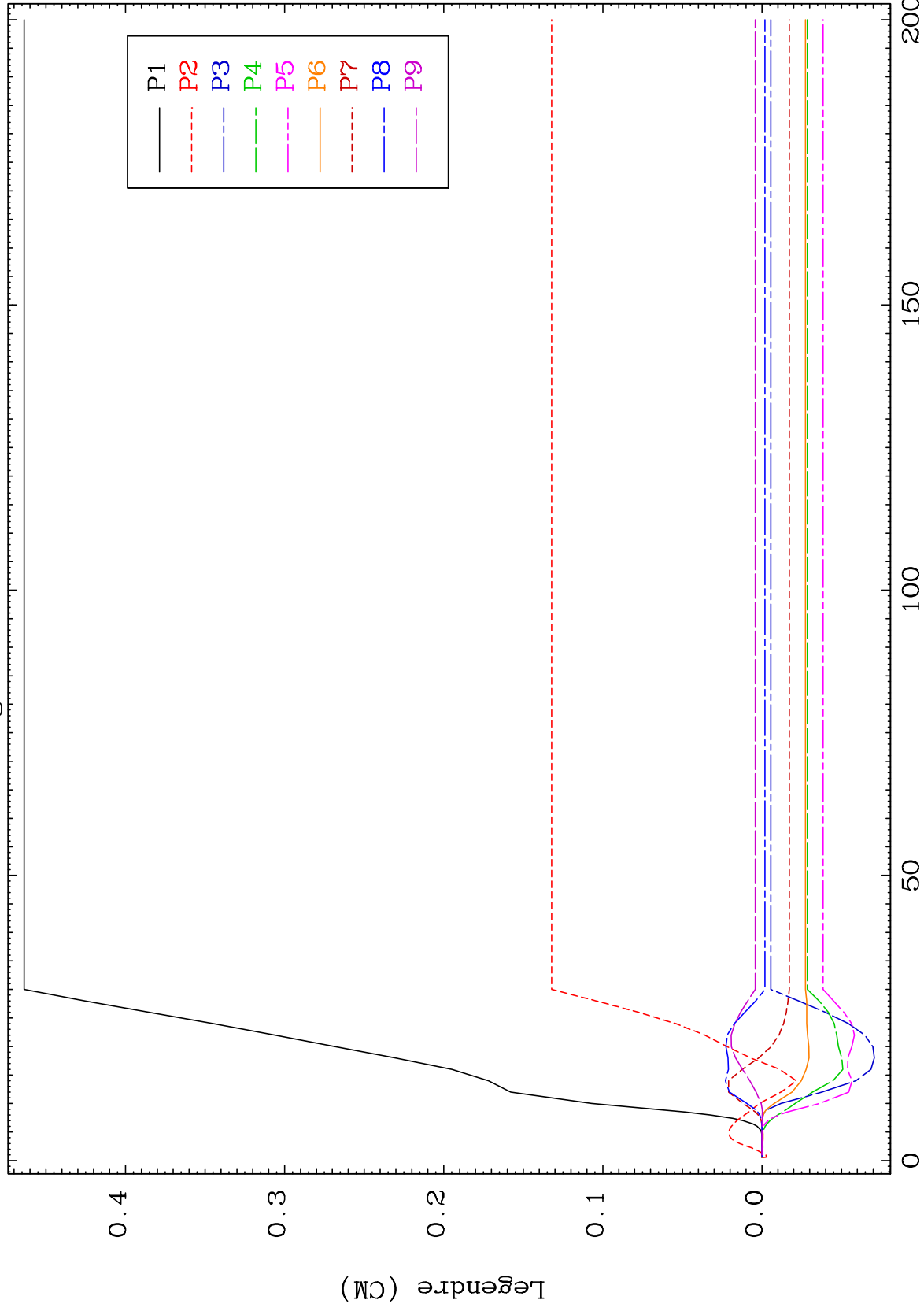




MAT 3234

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

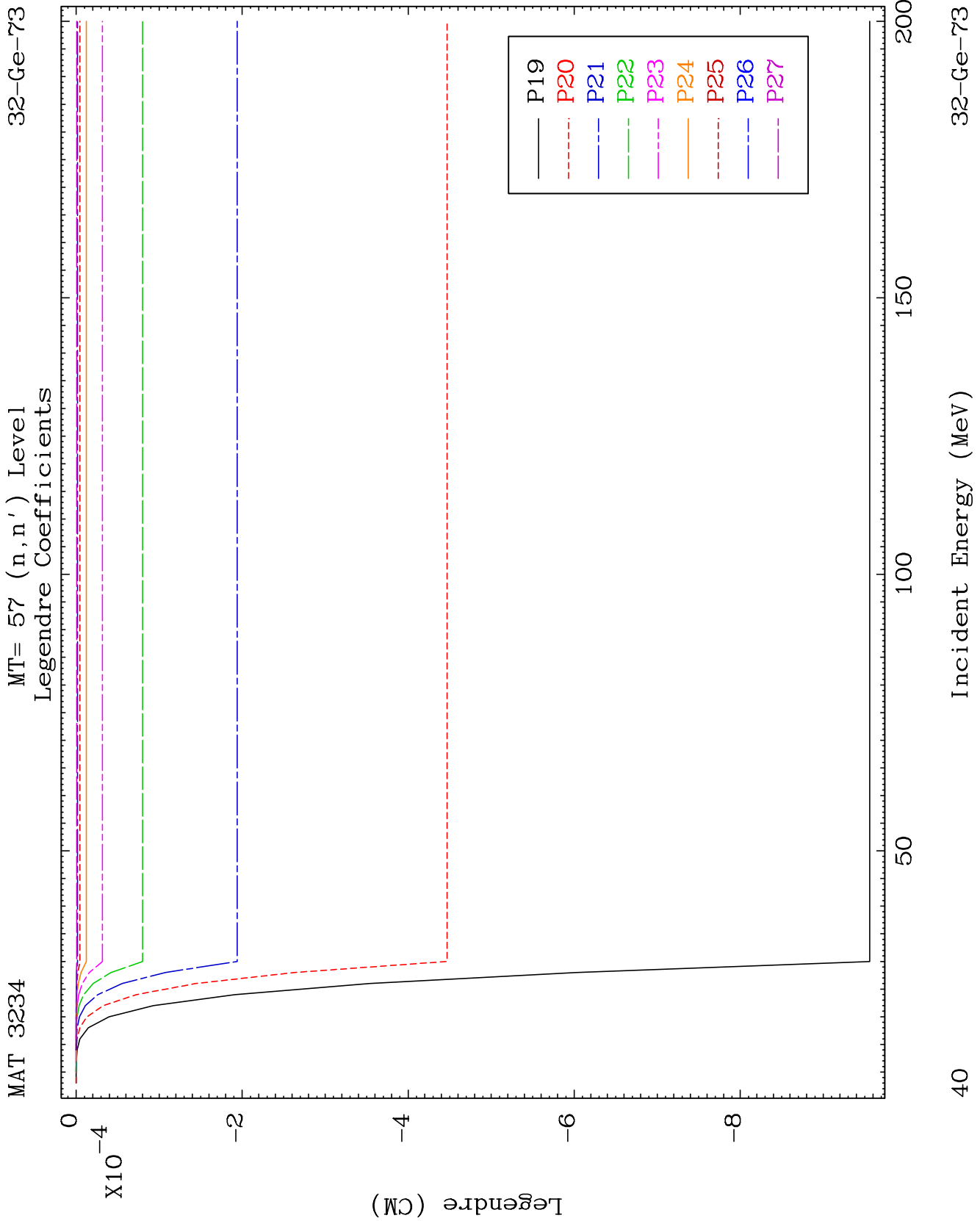
32-Ge-73

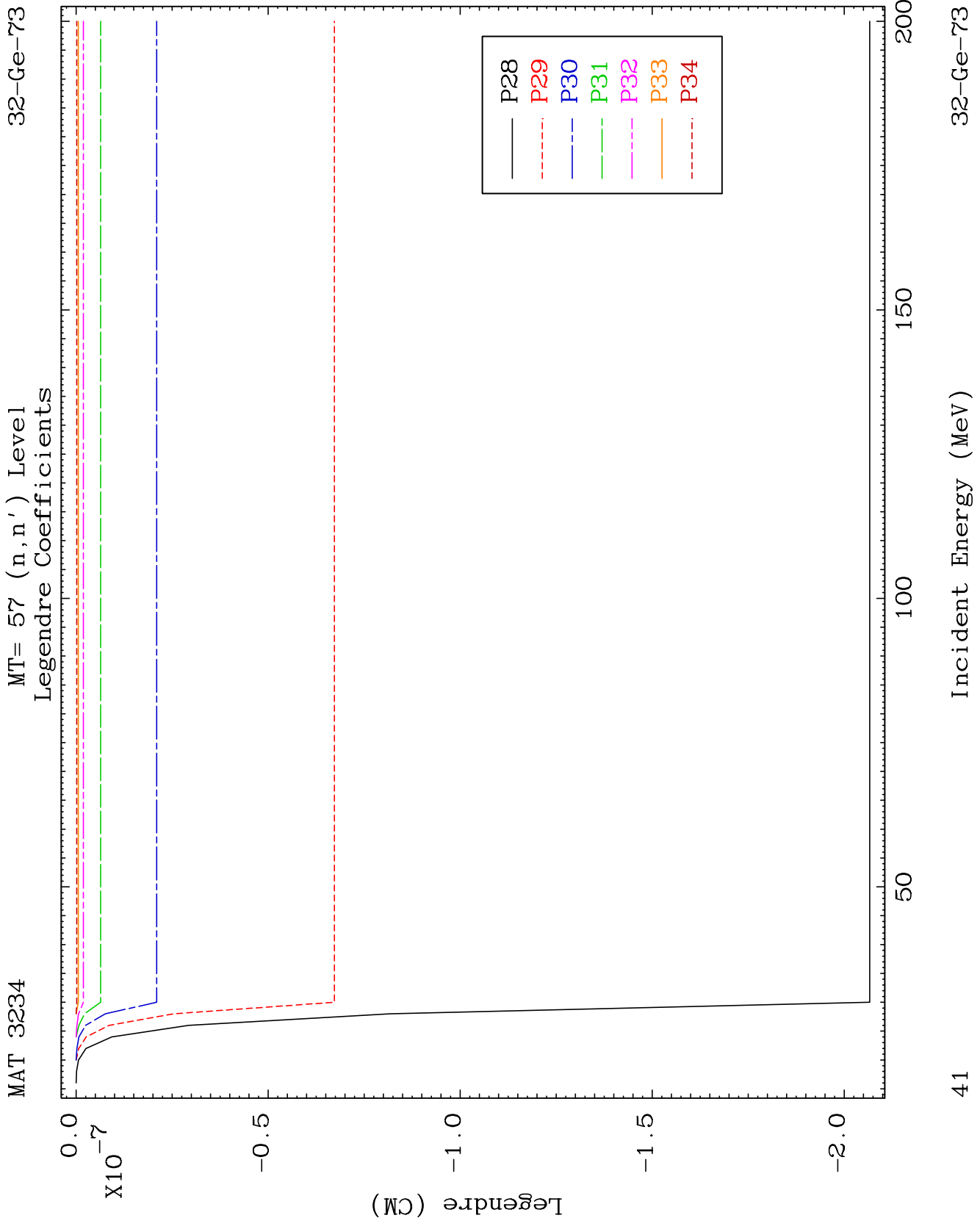


38

Incident Energy (MeV)

32-Ge-73

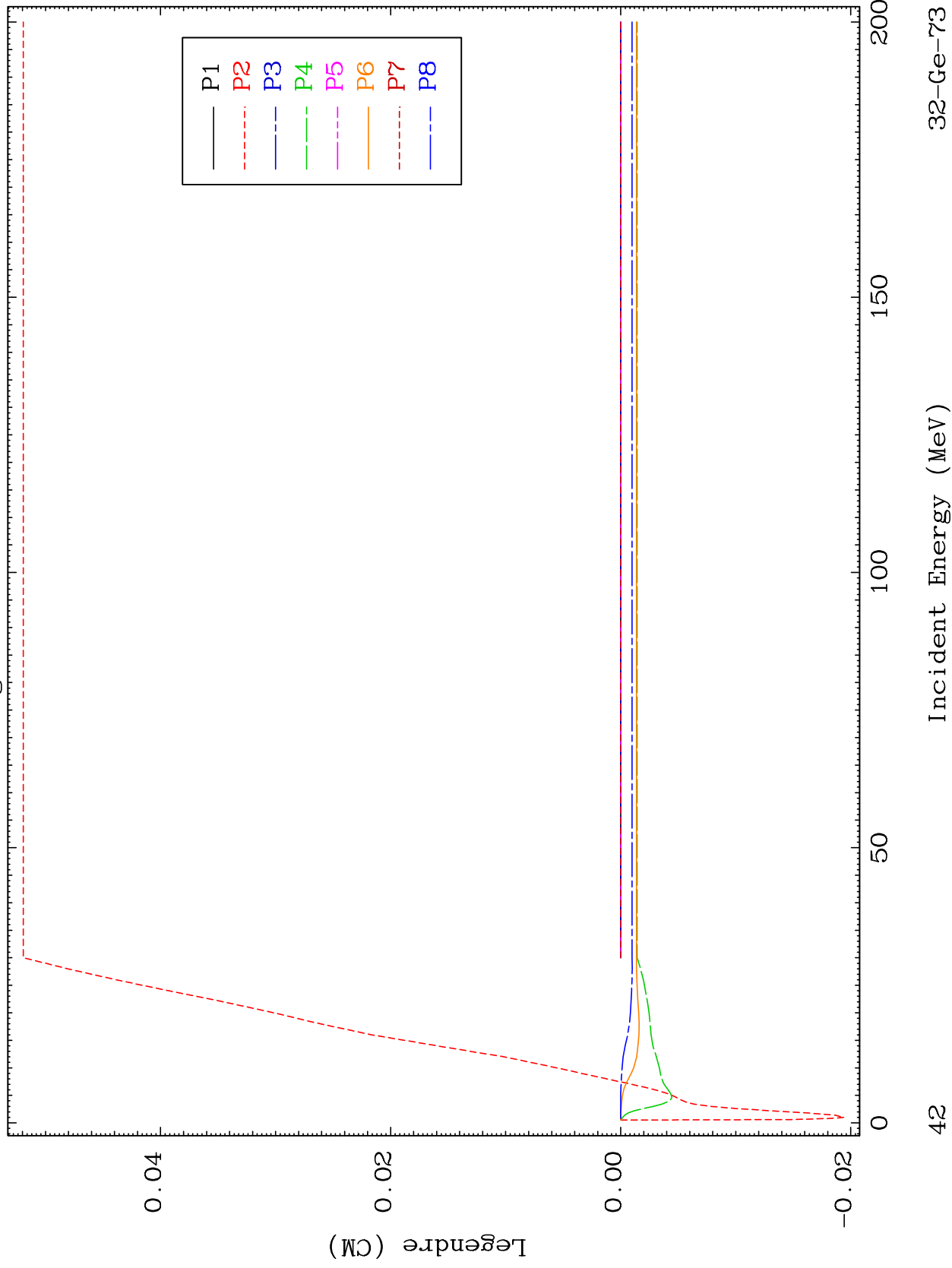




MAT 3234

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

32-Ge-73



32-Ge-73

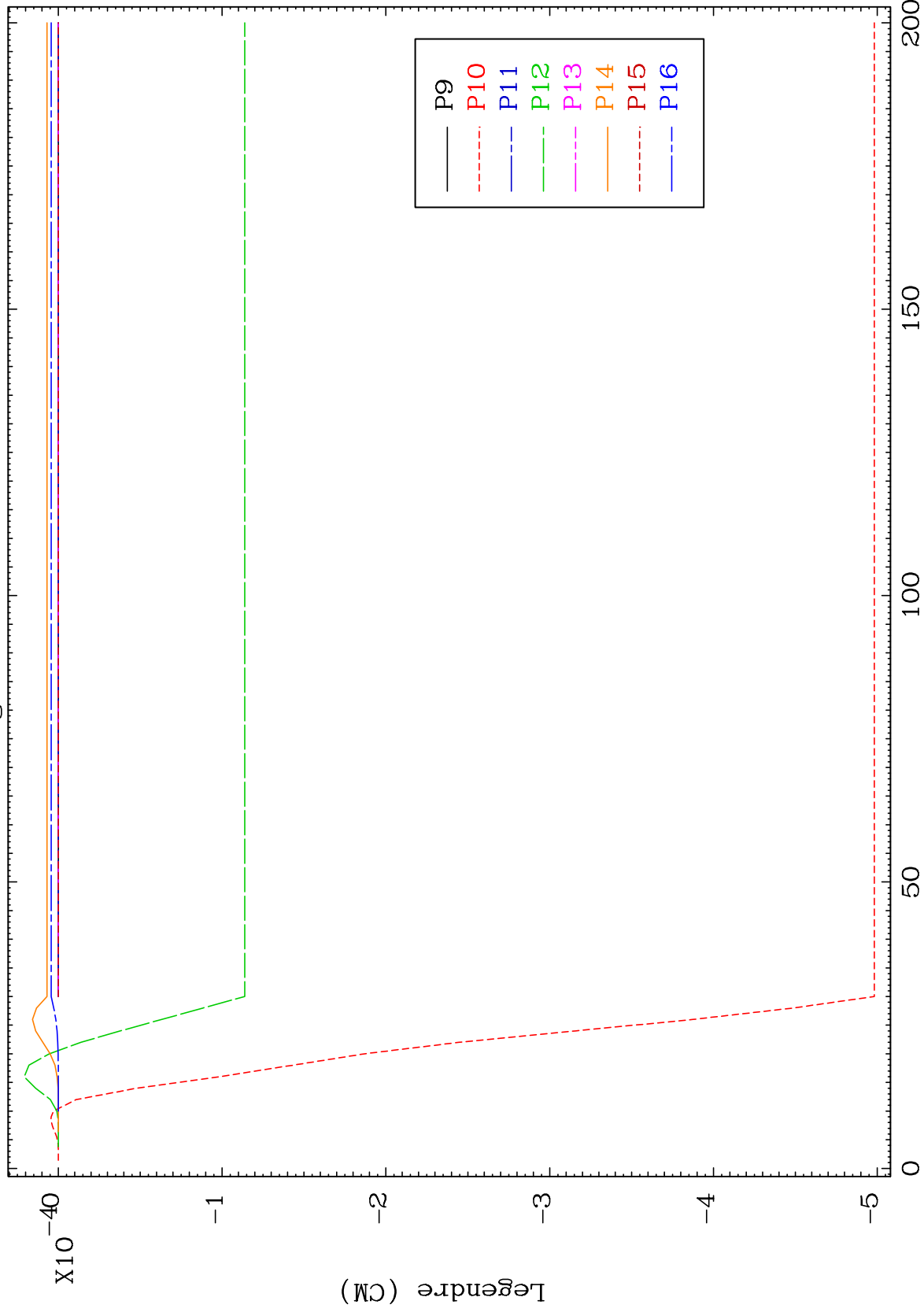
Incident Energy (MeV)

42

MAT 3234

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

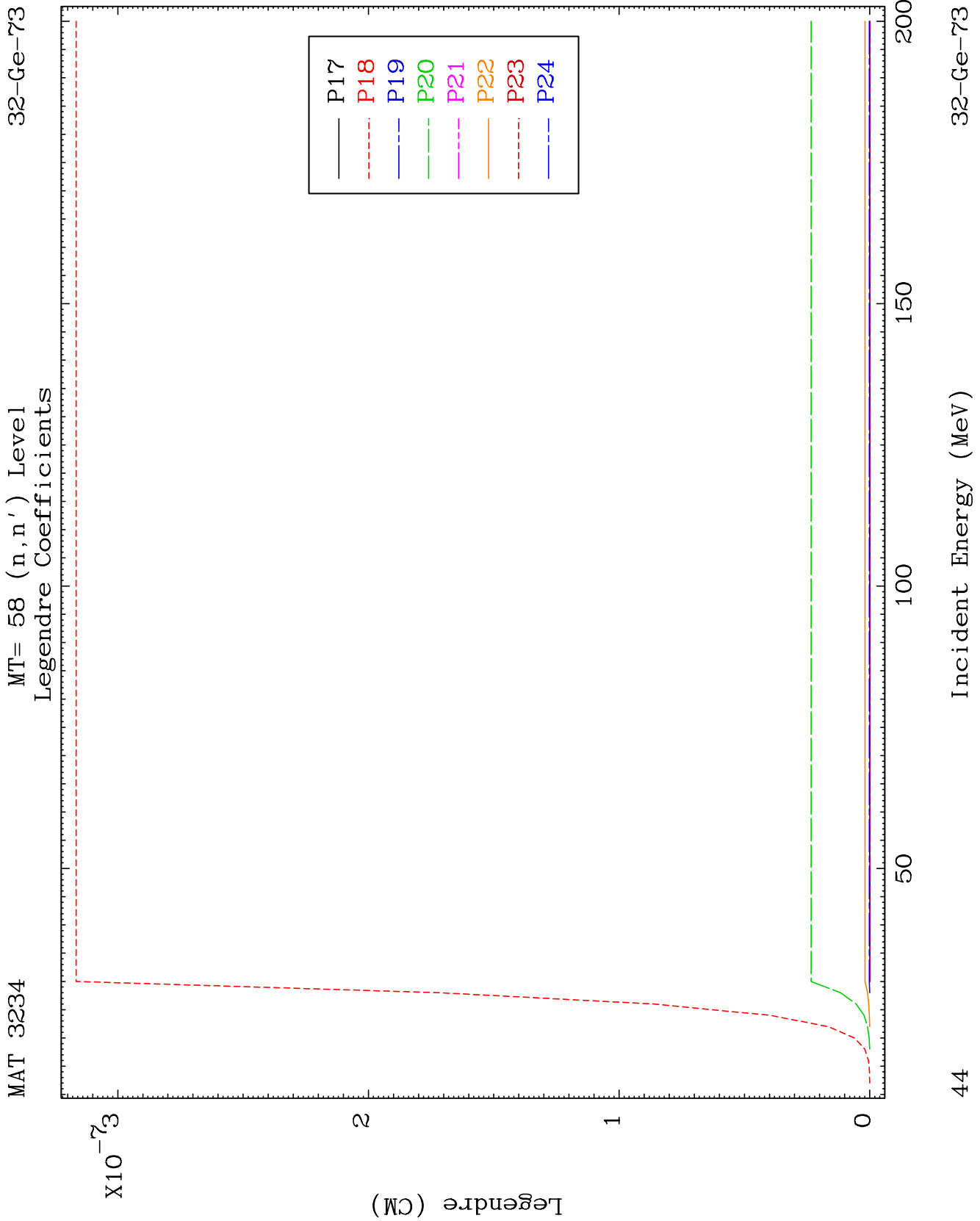
32-Ge-73



43

Incident Energy (MeV)

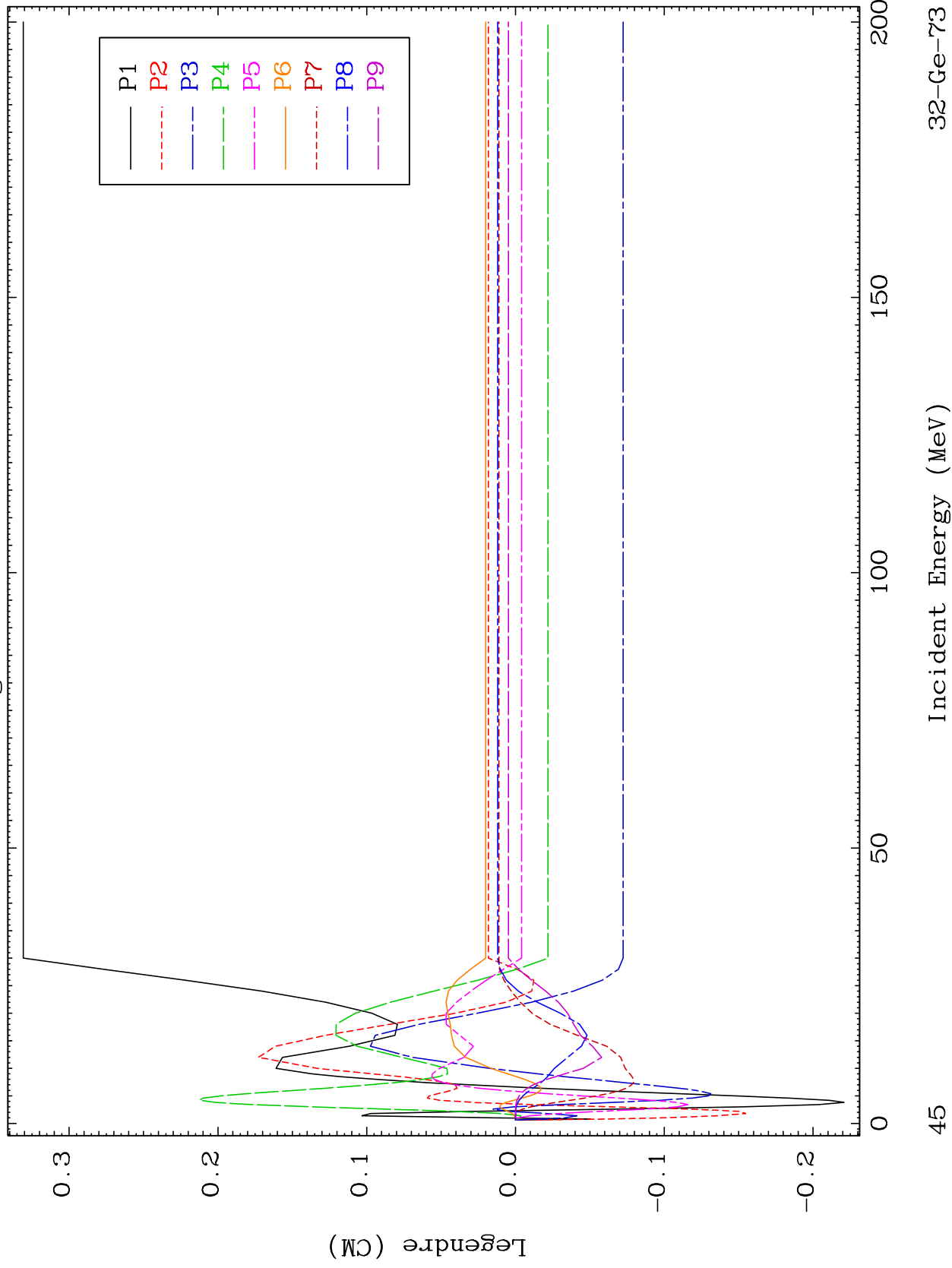
32-Ge-73



MAT 3234

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

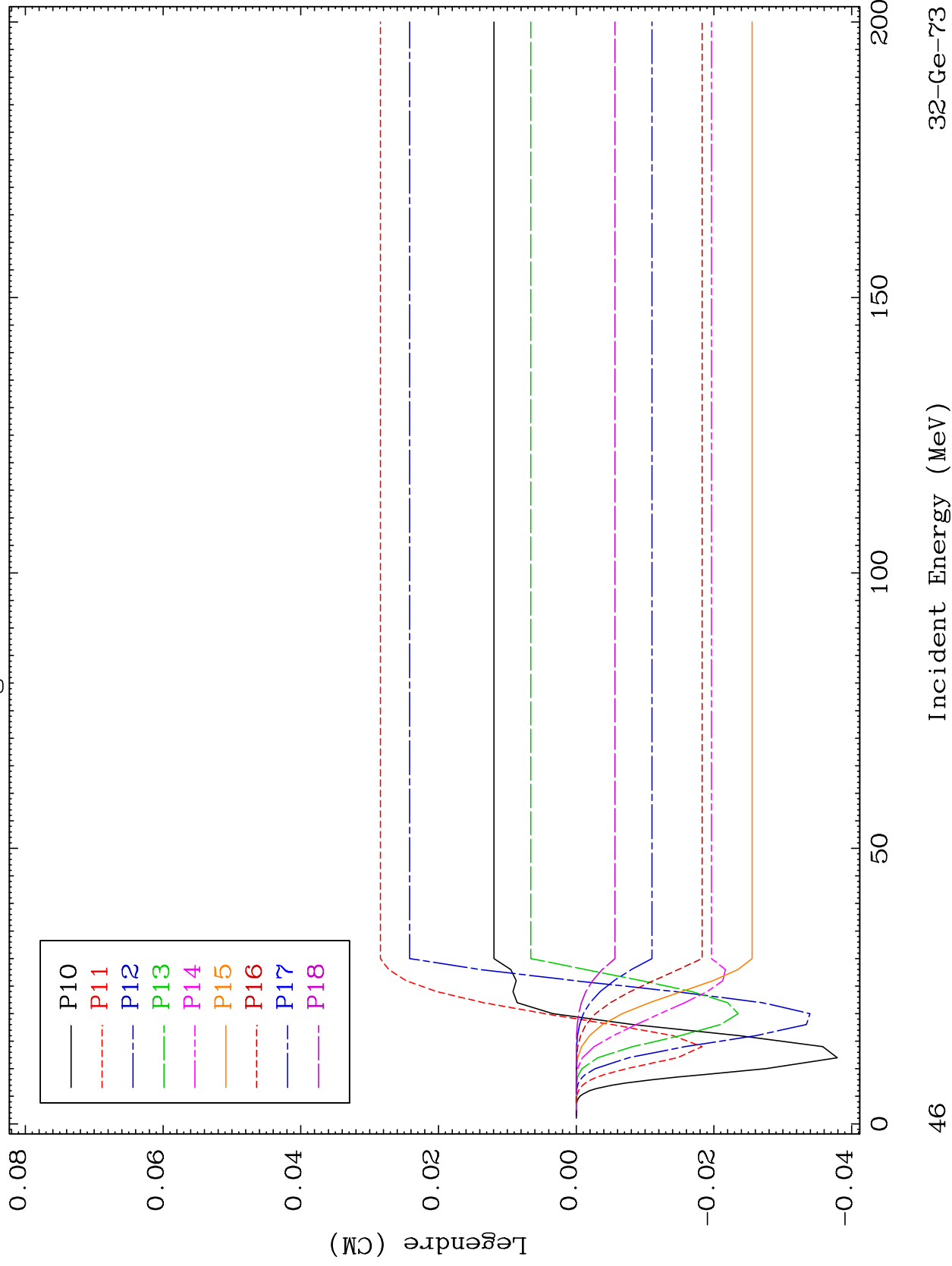
32-Ge-73



MAT 3234

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

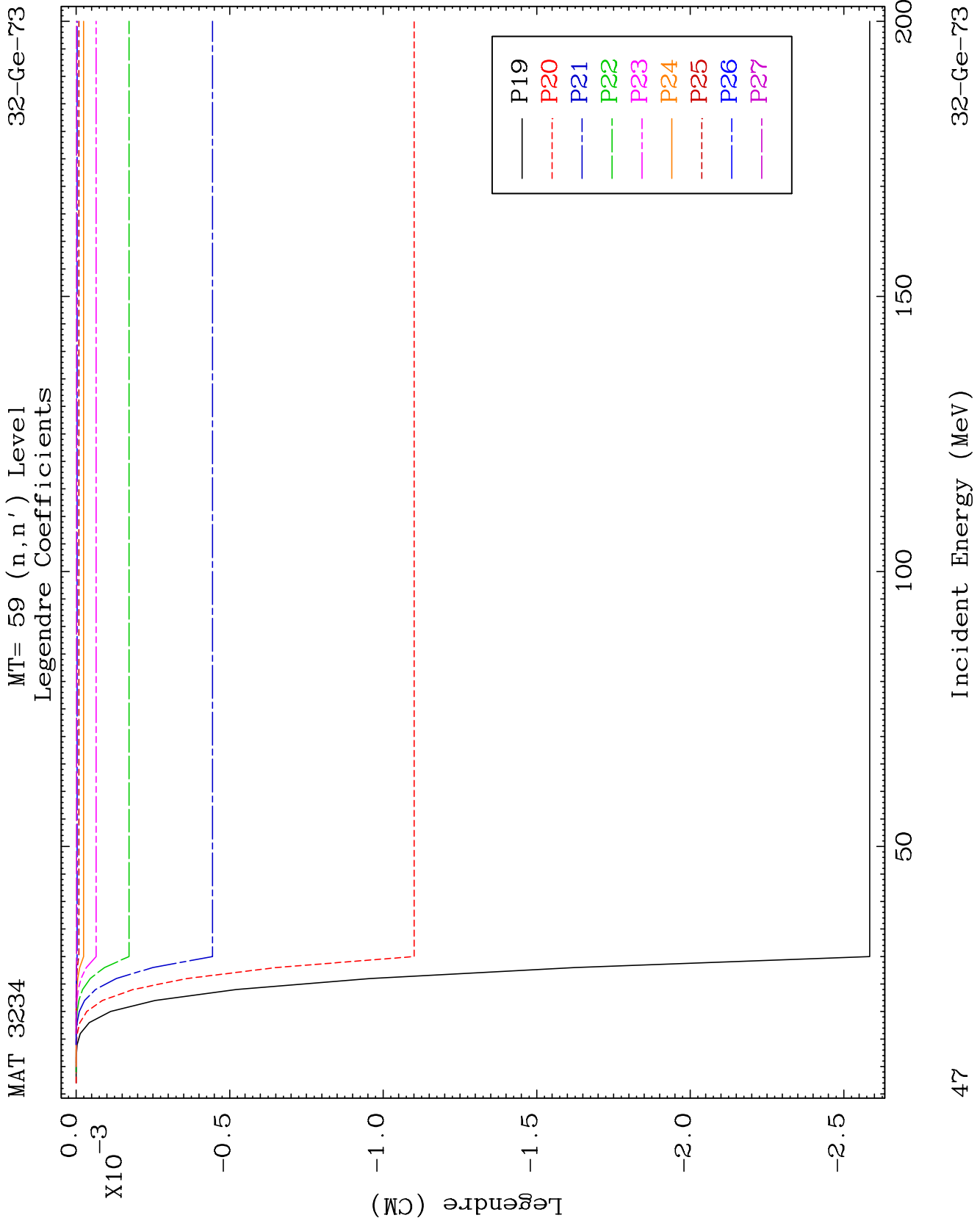
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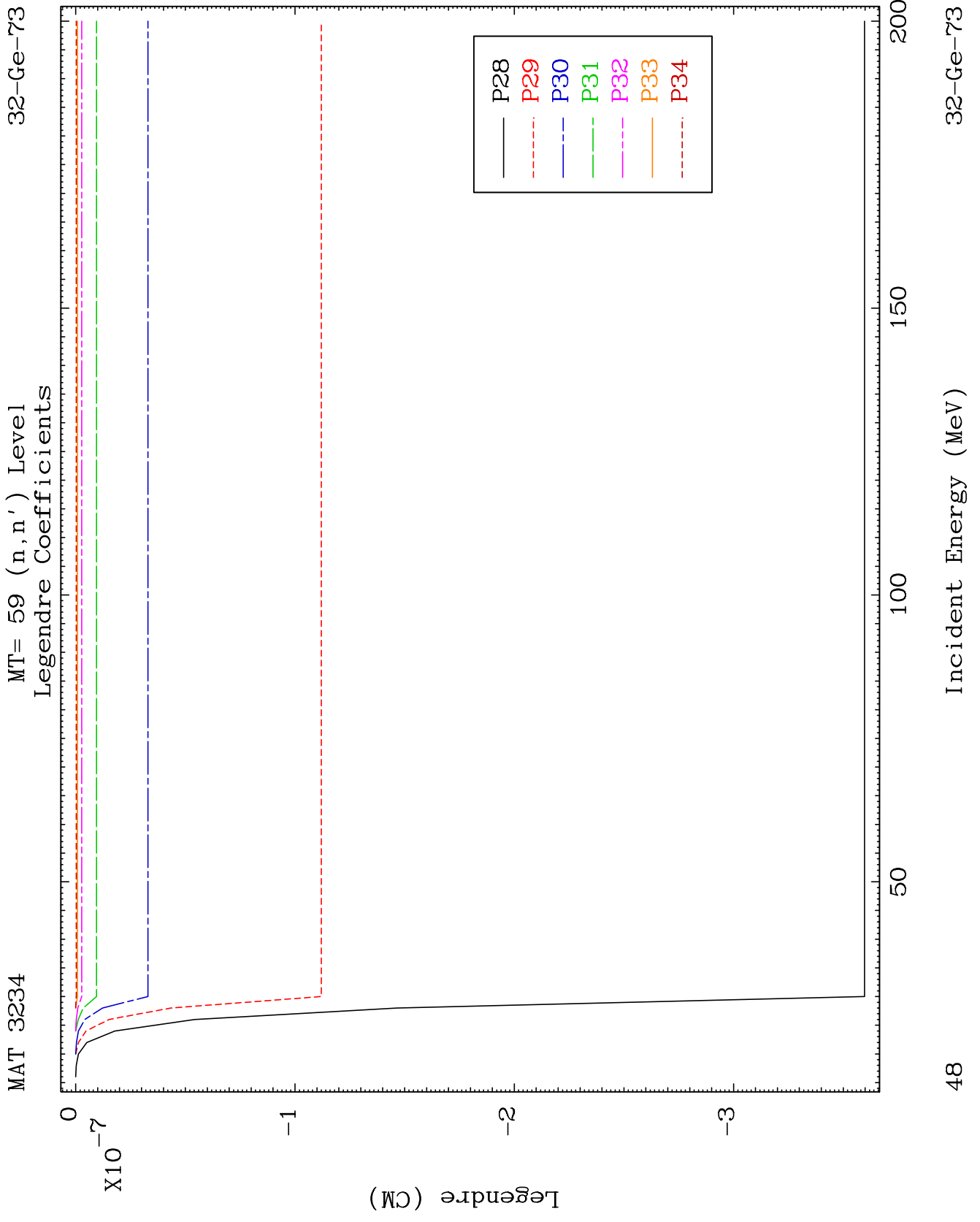


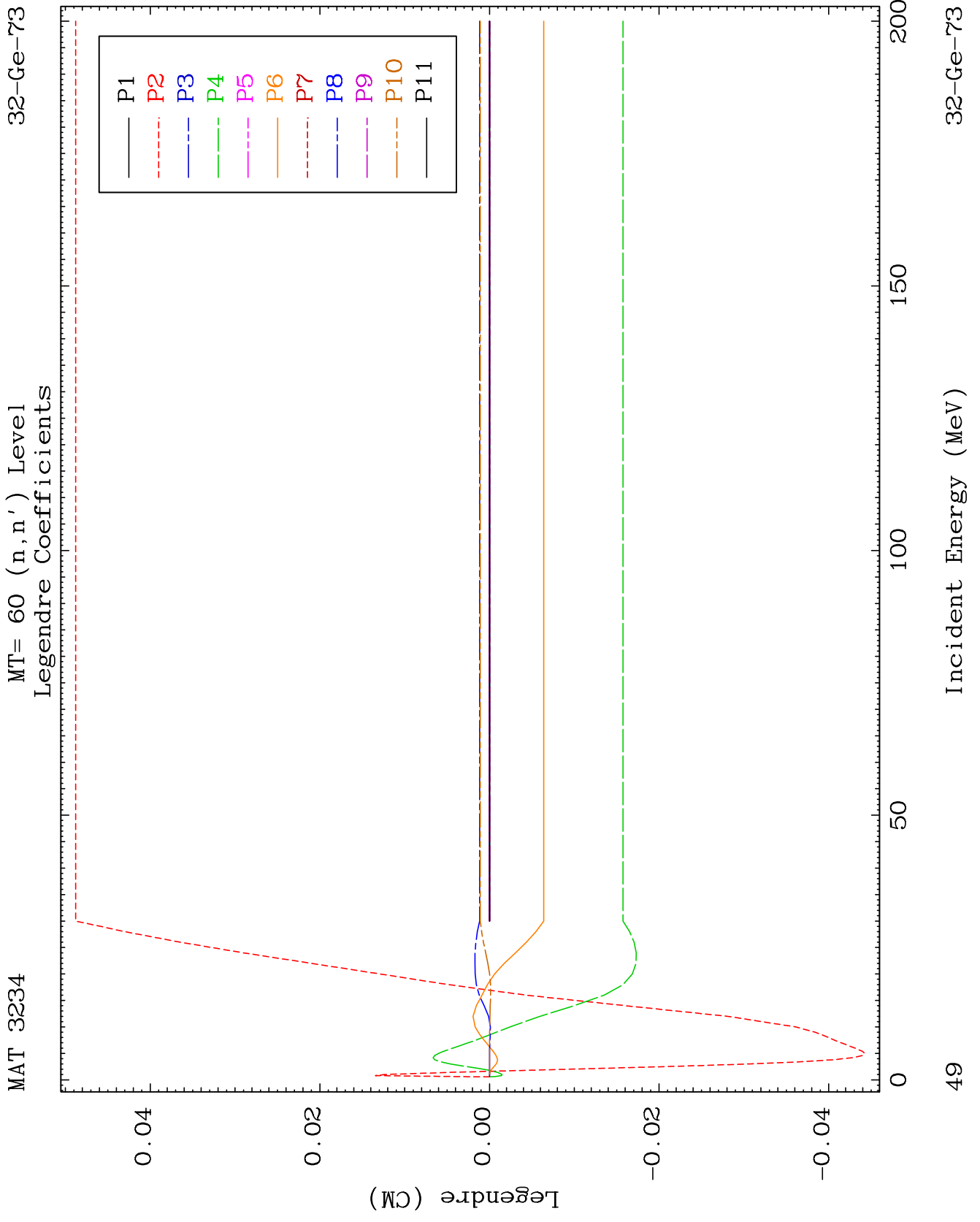
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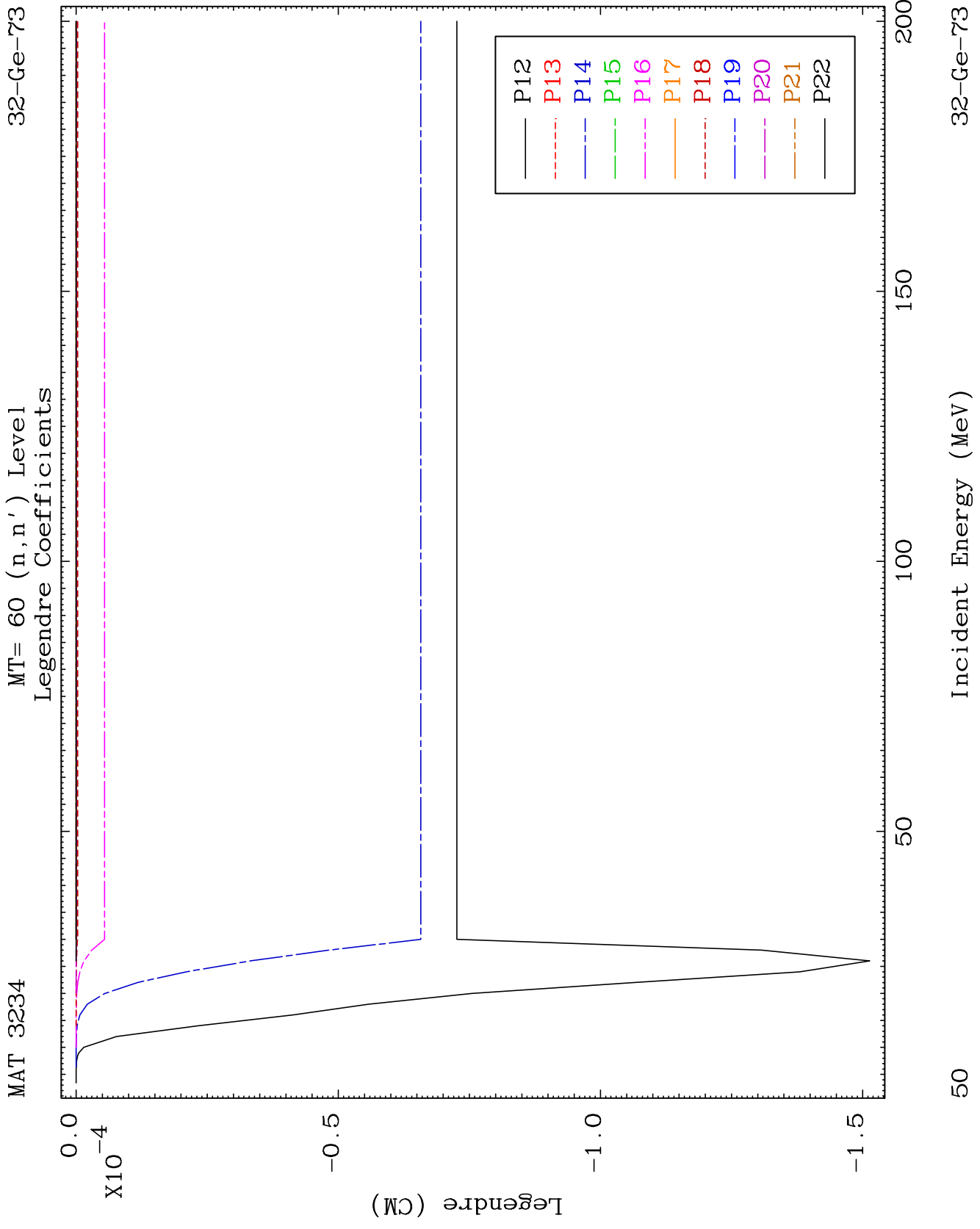
Incident Energy (MeV)

32-Ge-73





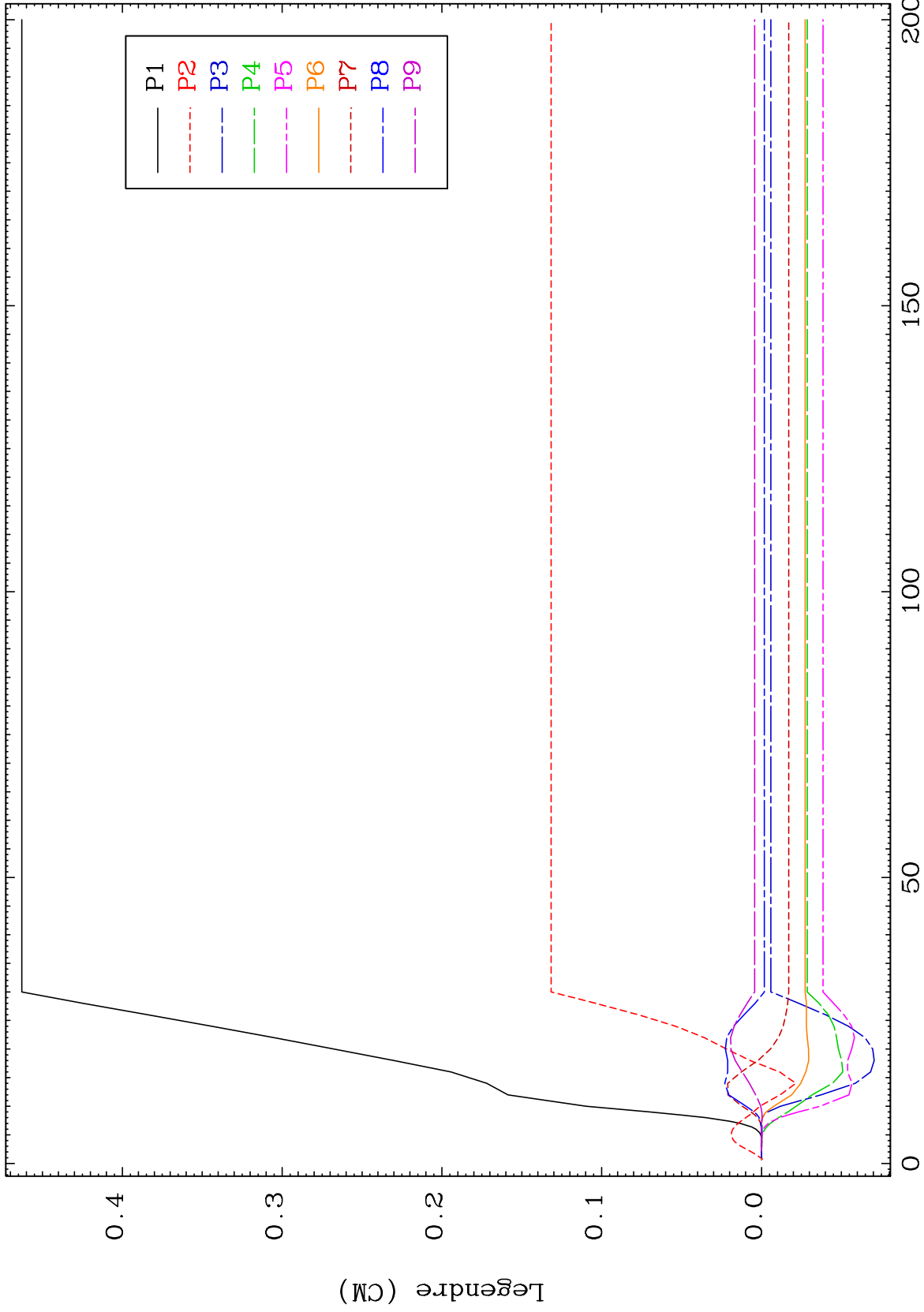




MAT 3234

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

32-Ge-73



51

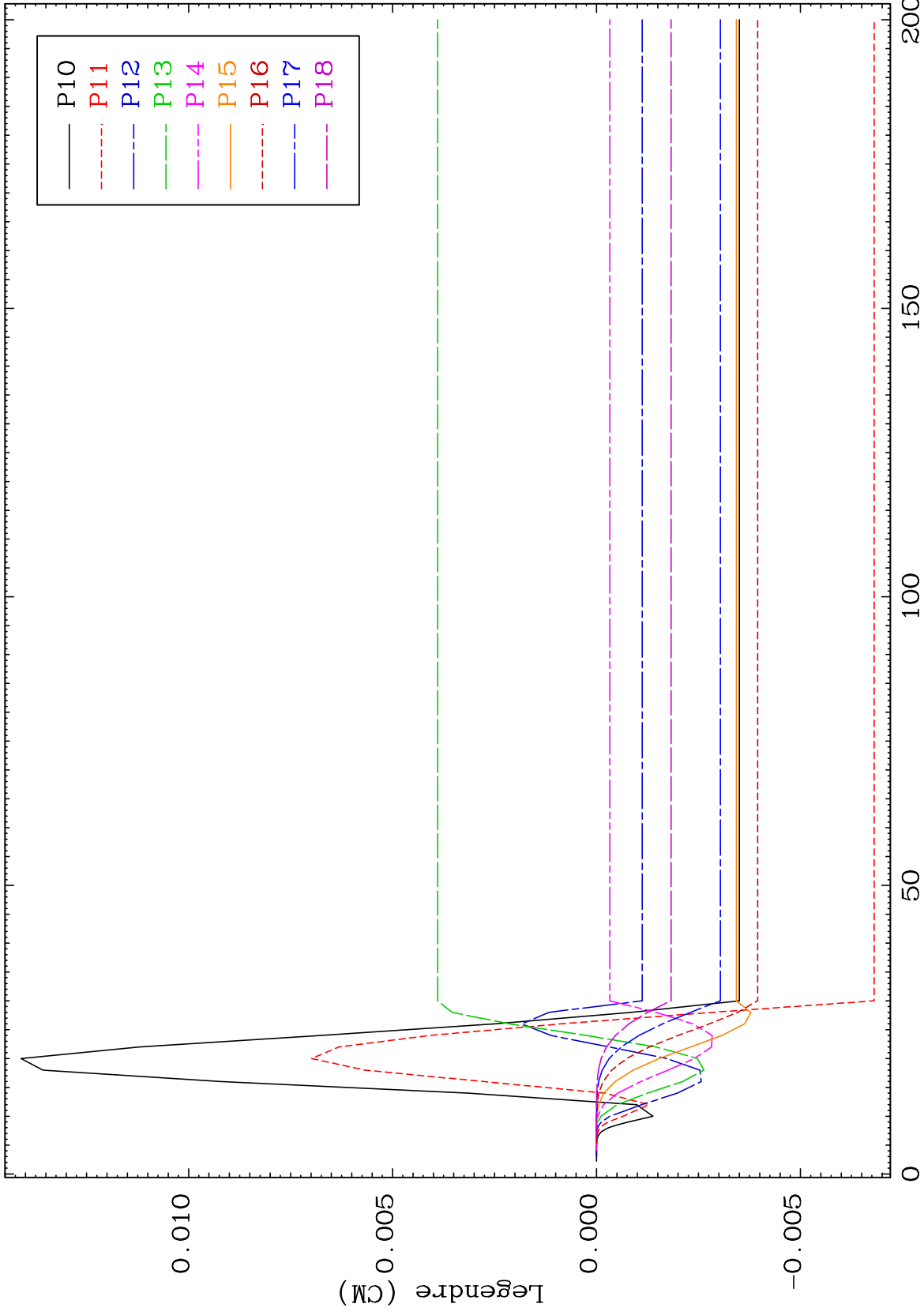
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

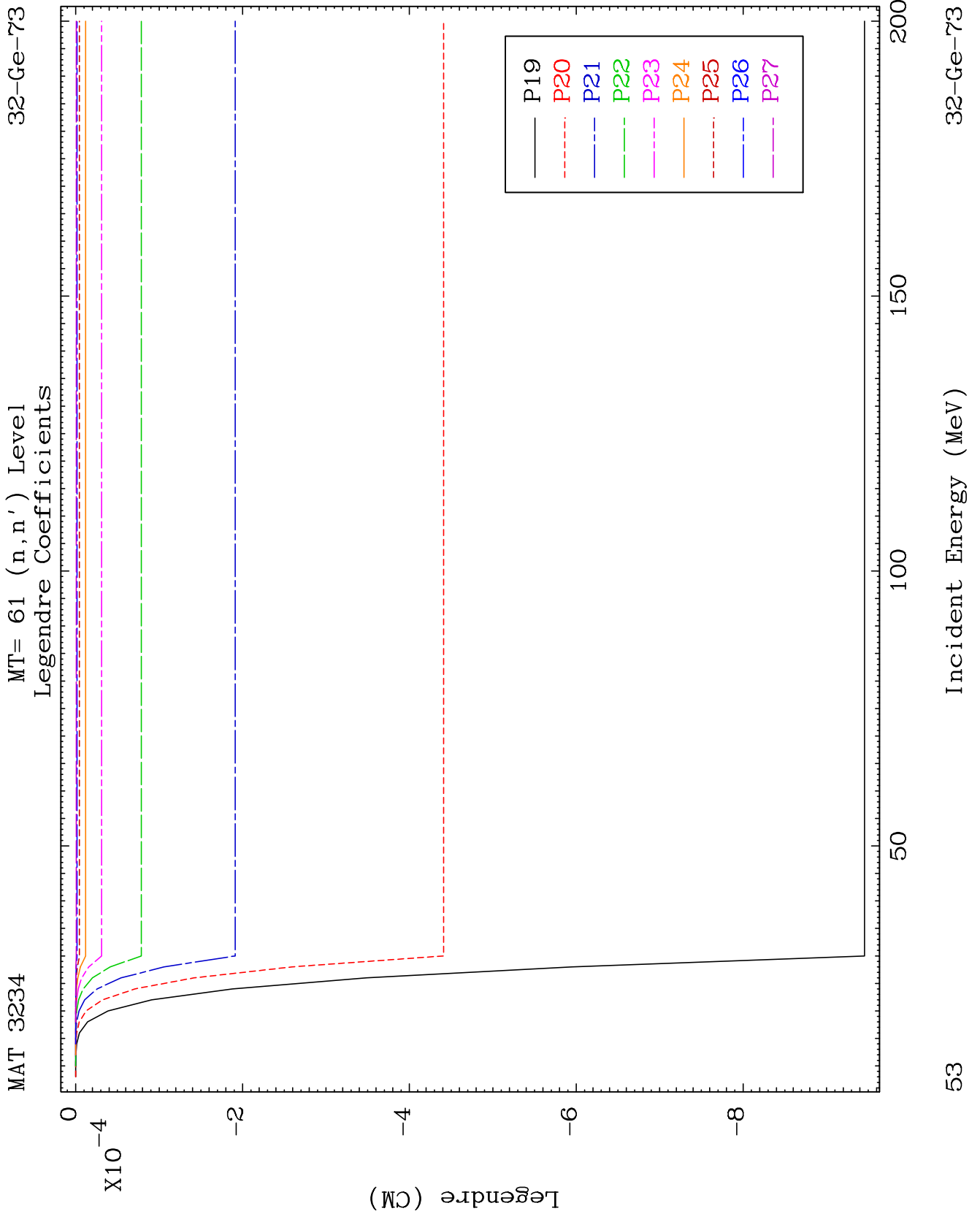
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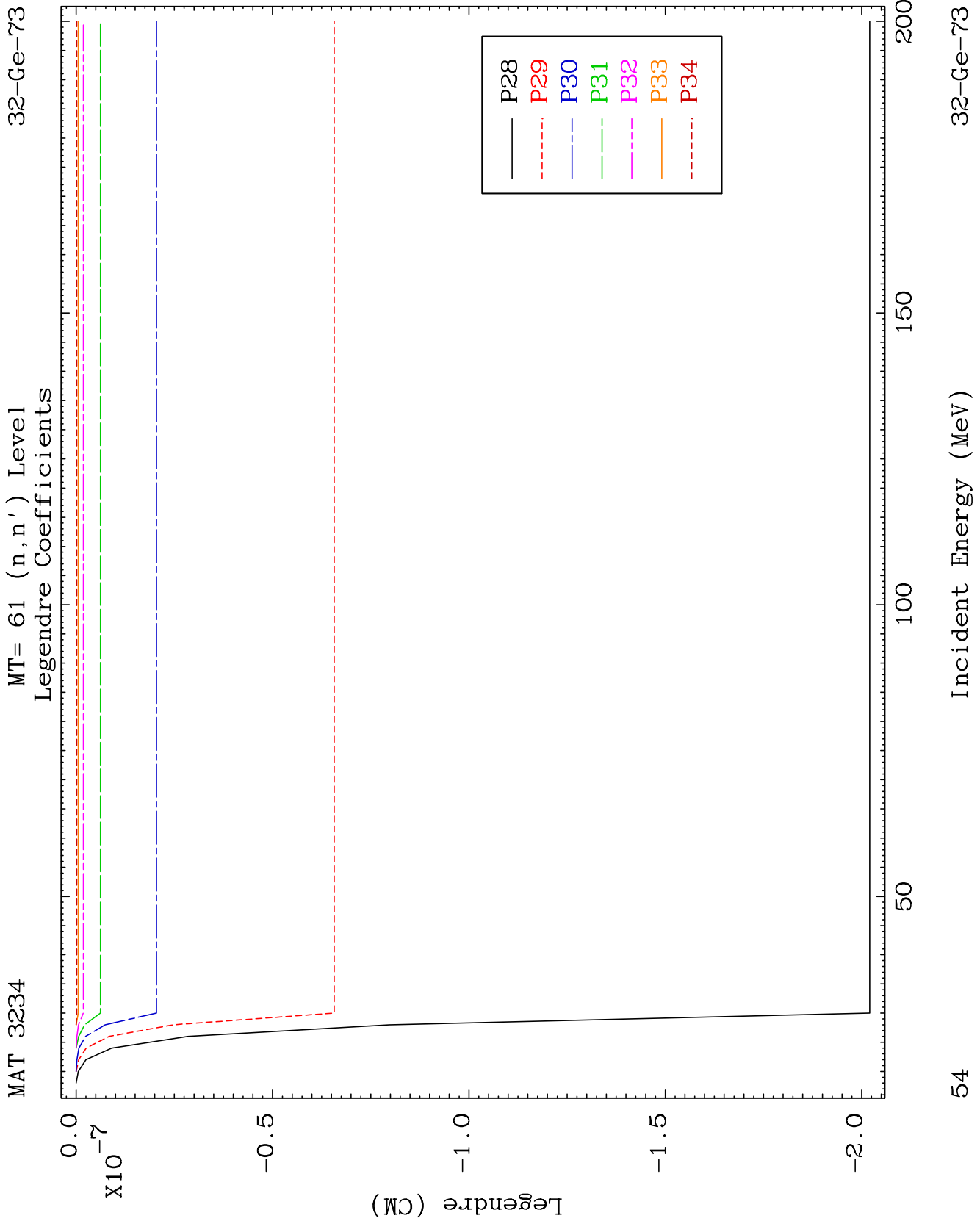


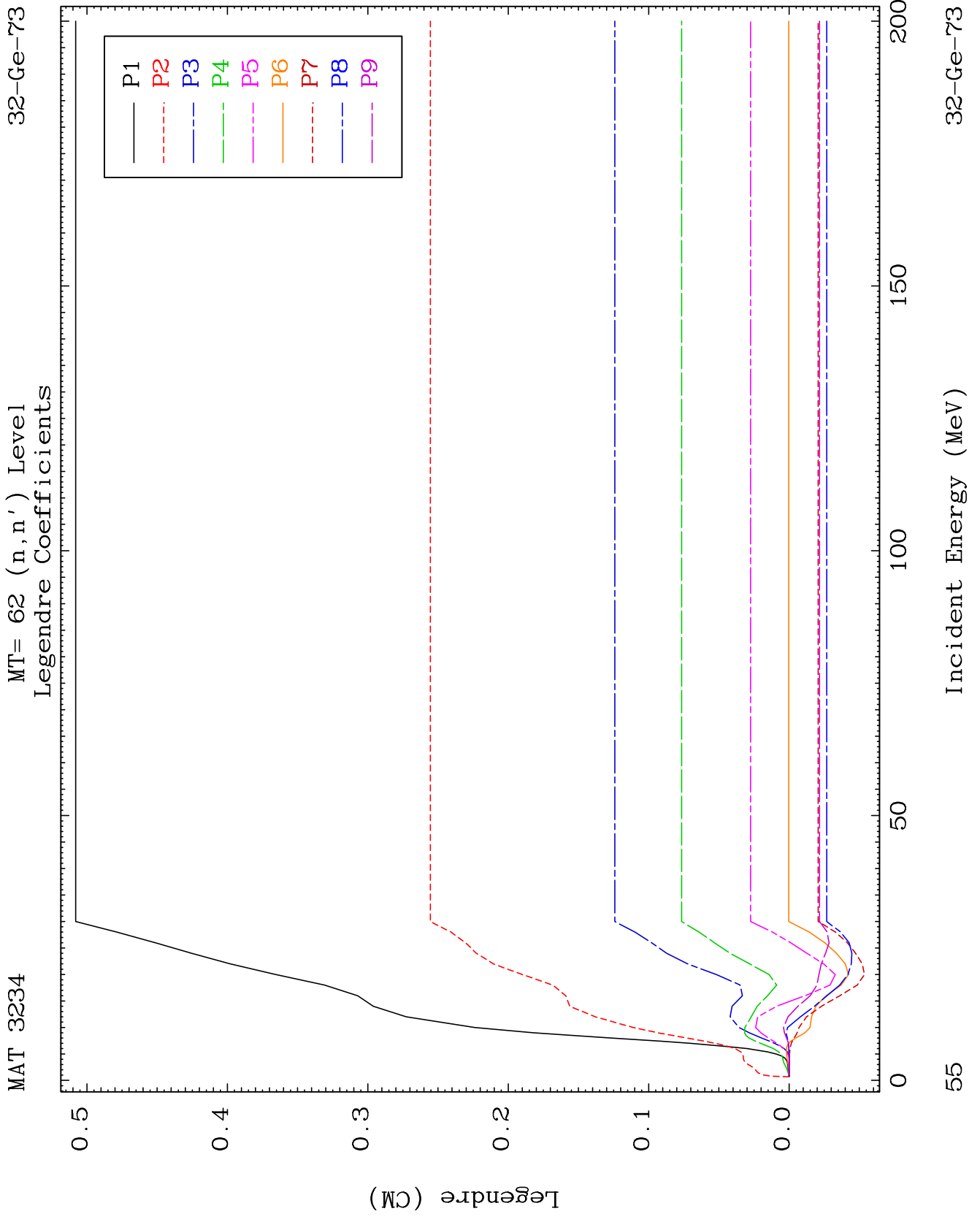
52

Incident Energy (MeV)

32-Ge-73



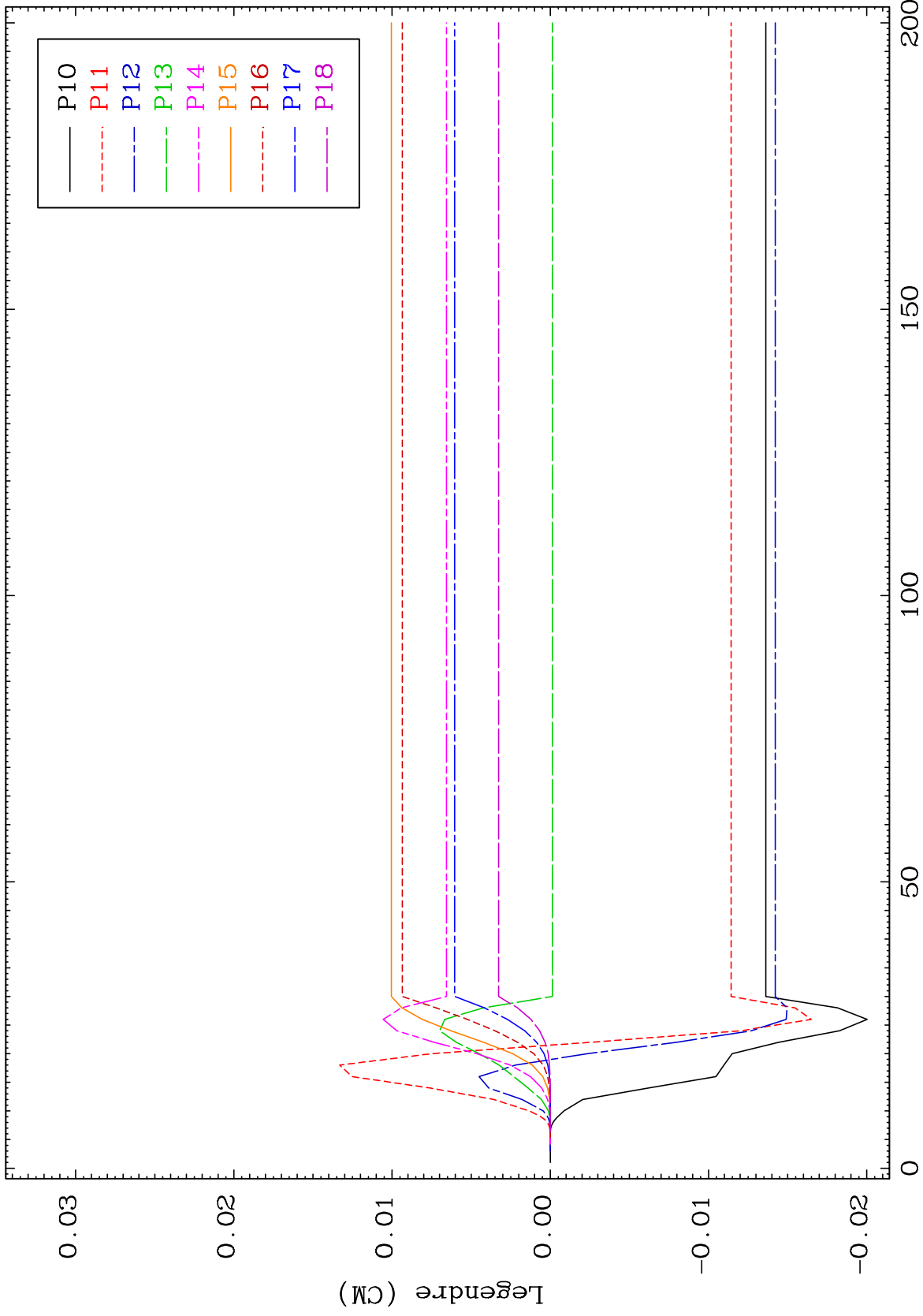




MAT 3234

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

32-Ge-73



56

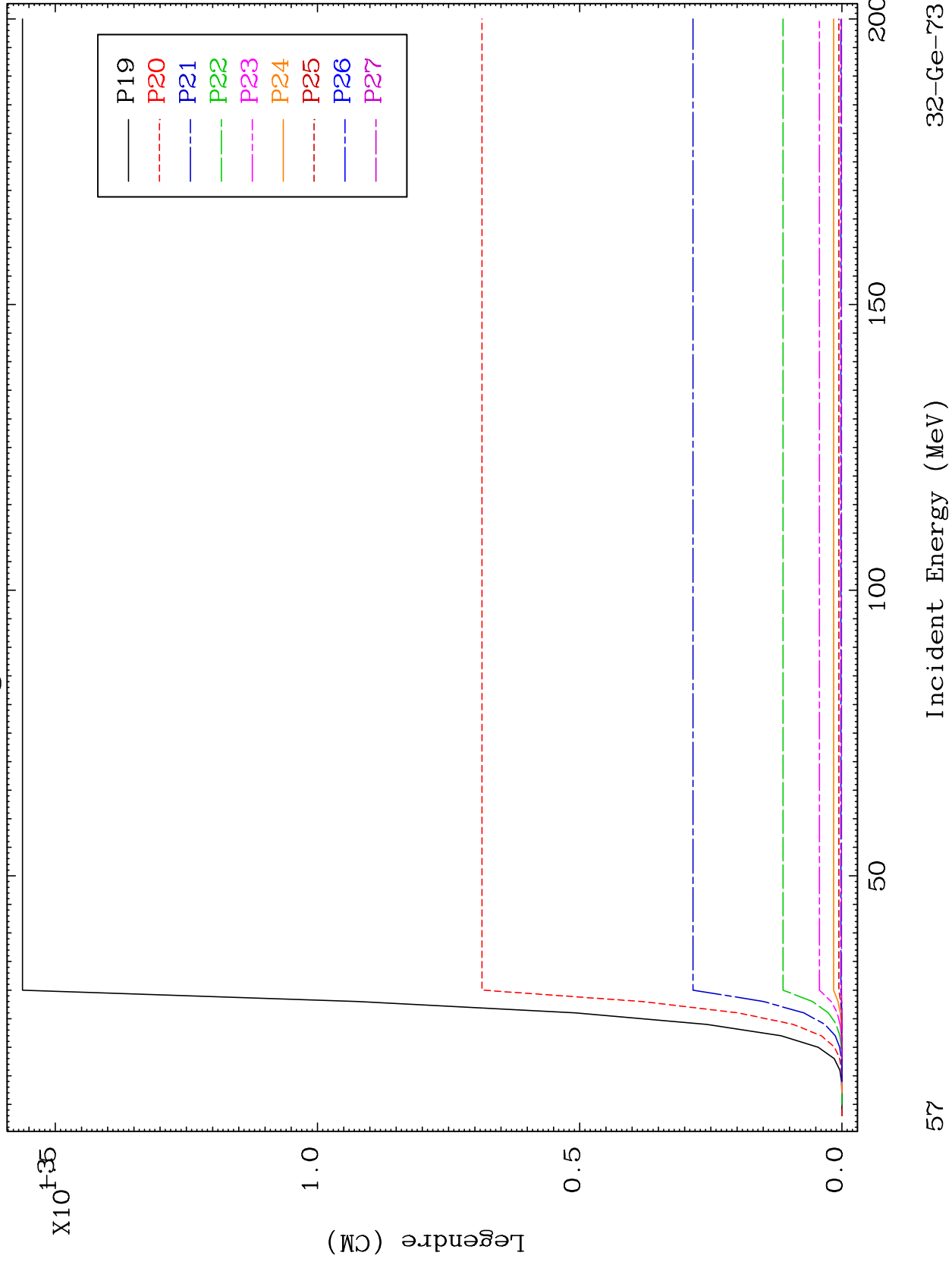
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



57

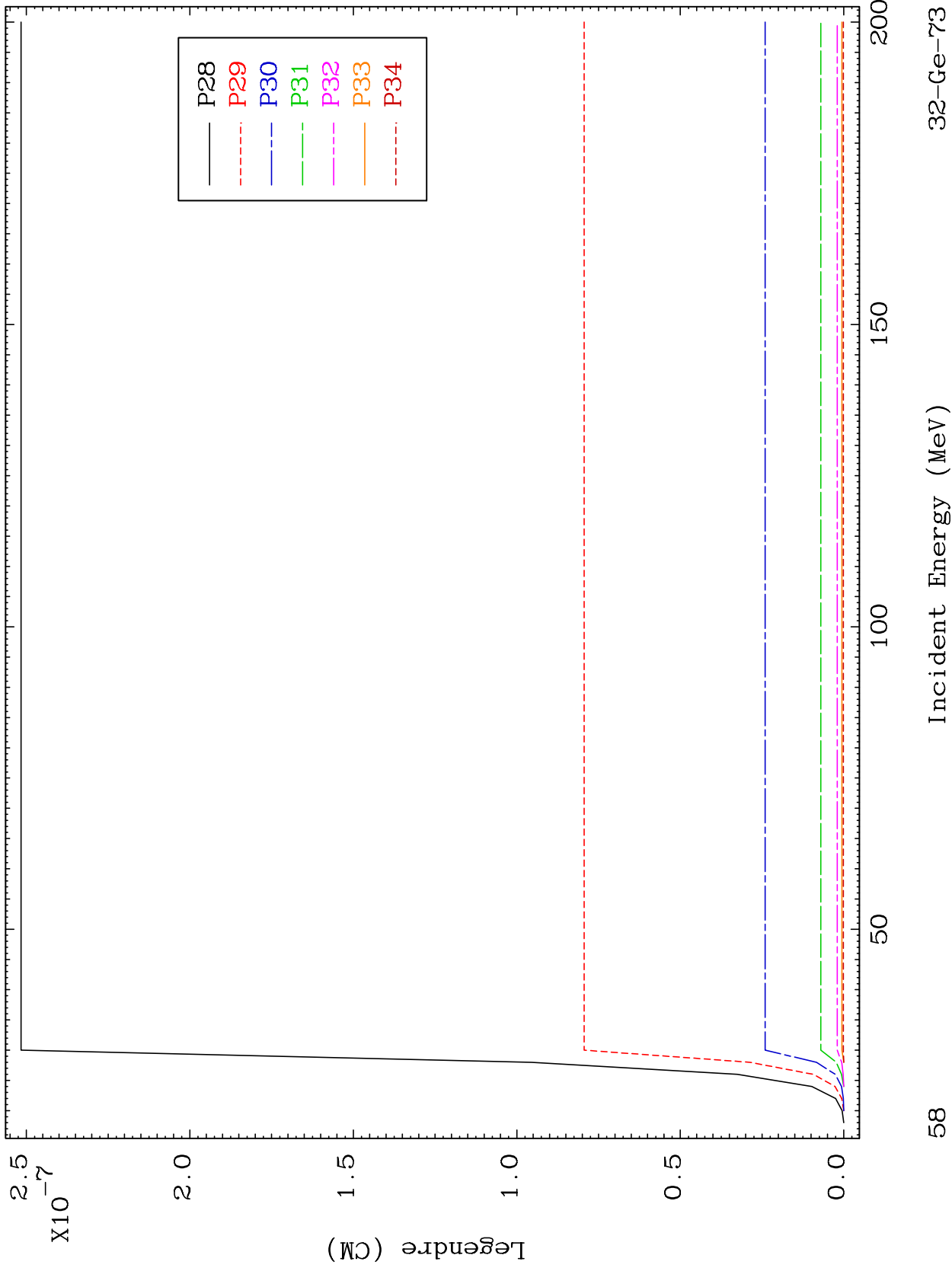
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



58

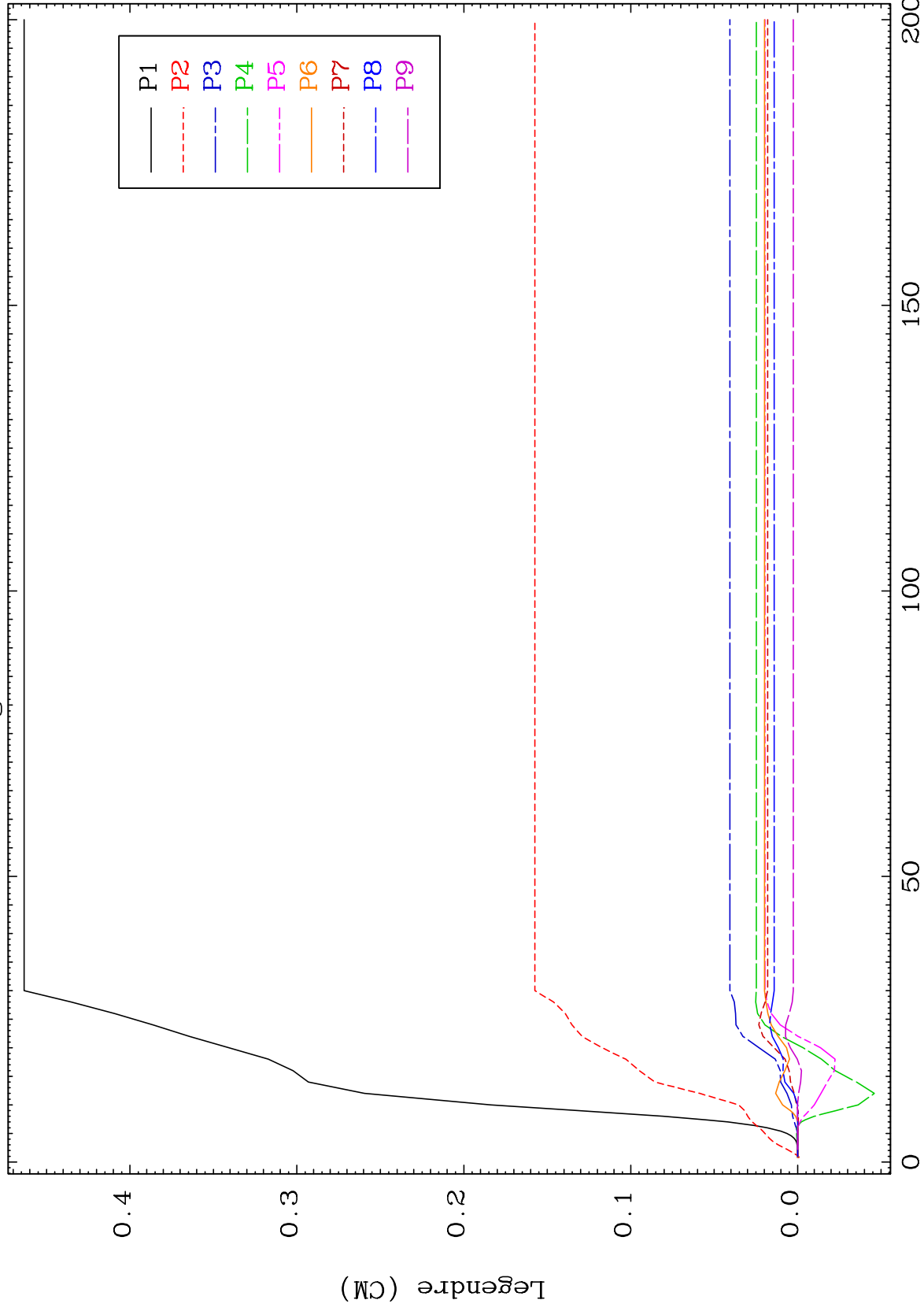
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



59

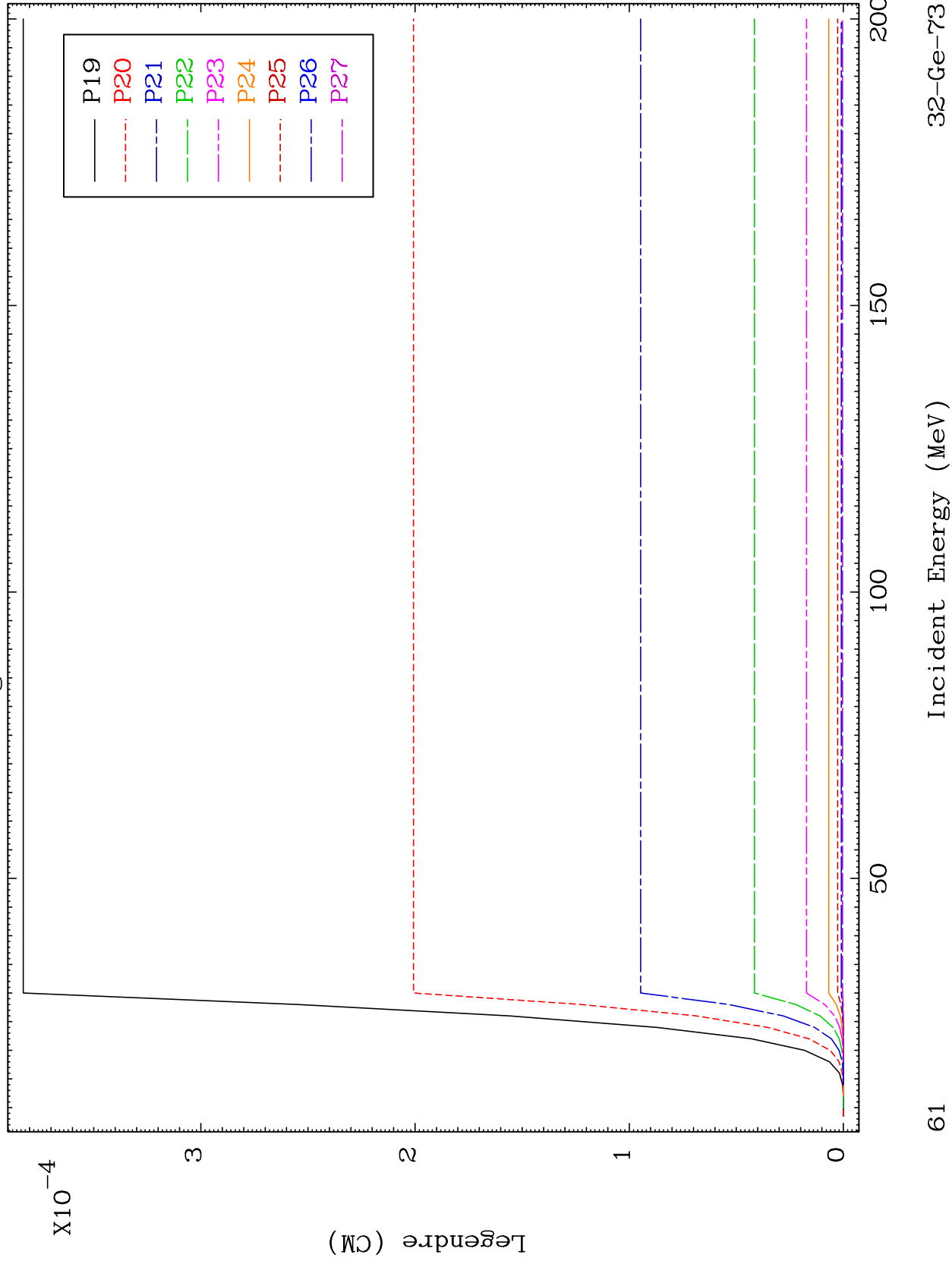
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

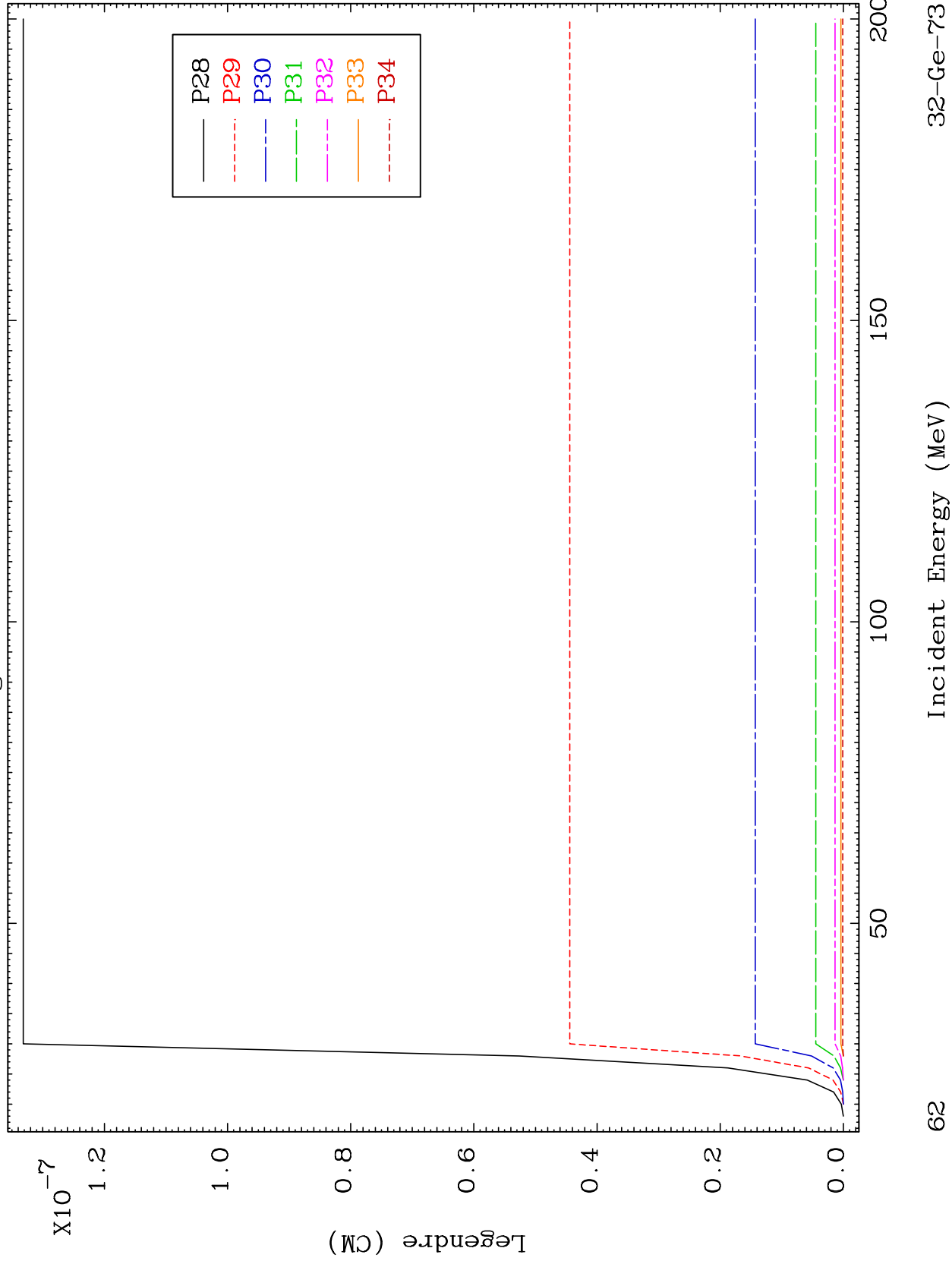
32-Ge-73



MAT 3234

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

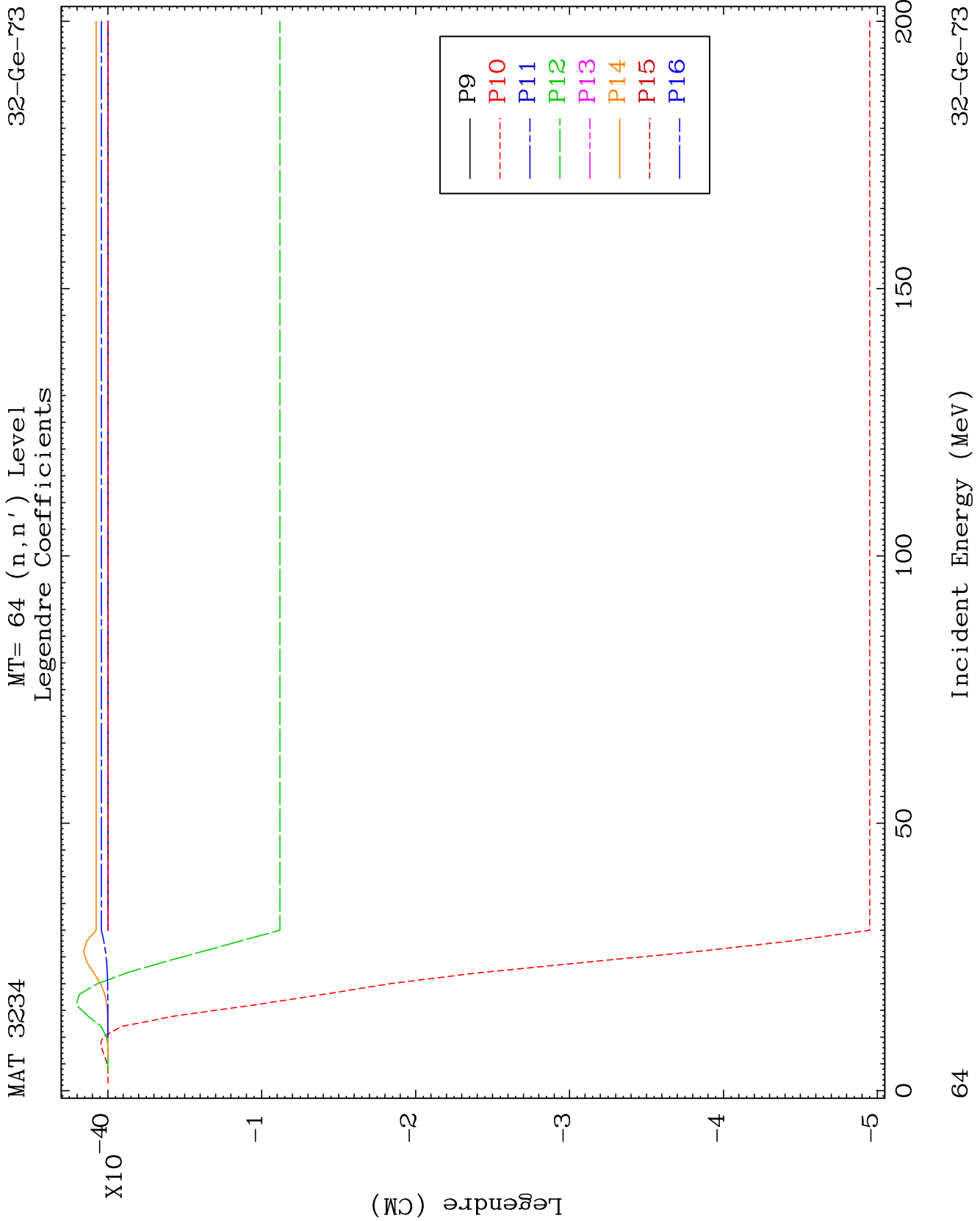
32-Ge-73



62

Incident Energy (MeV)

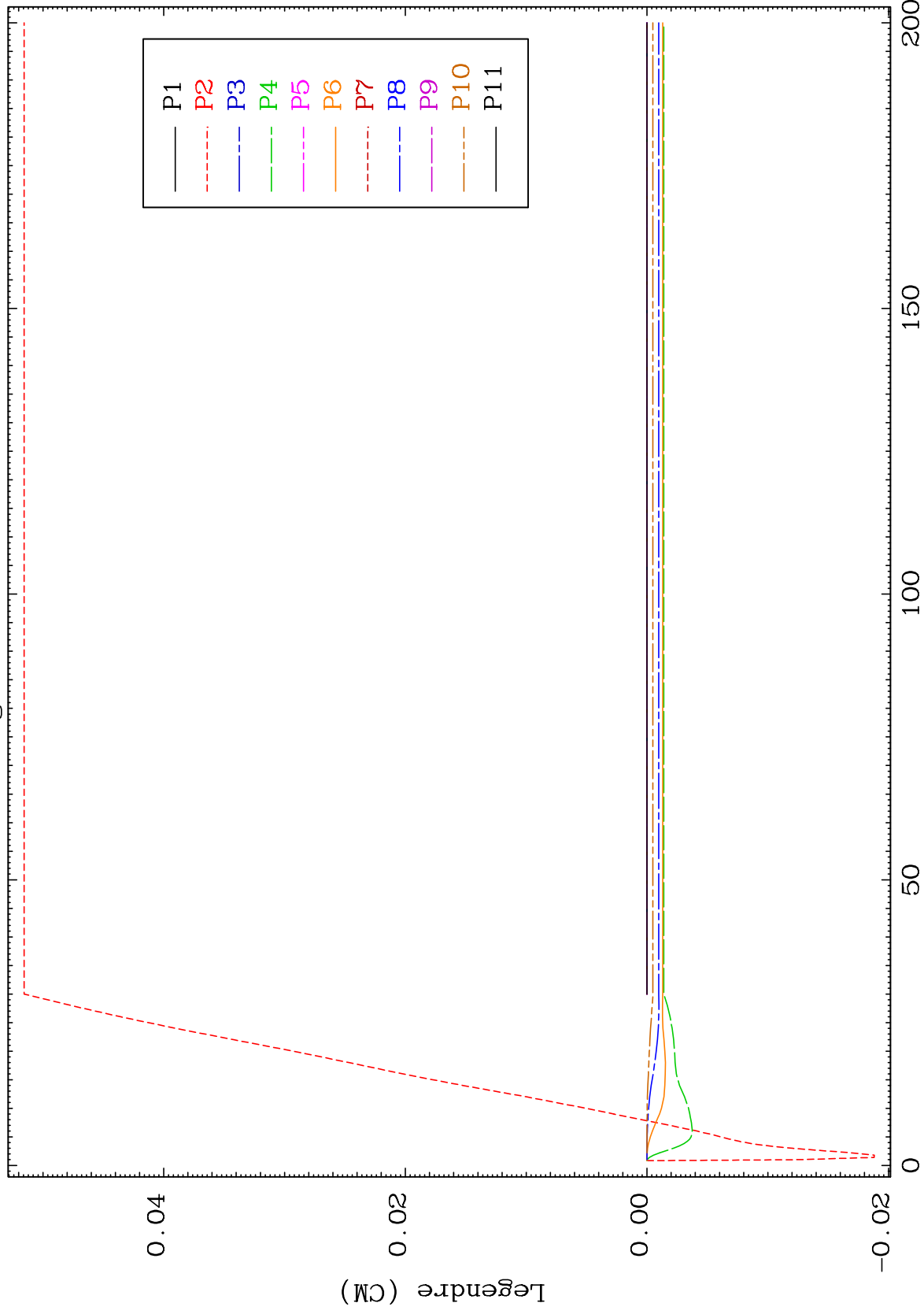
32-Ge-73



MAT 3234

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

32-Ge-73



66

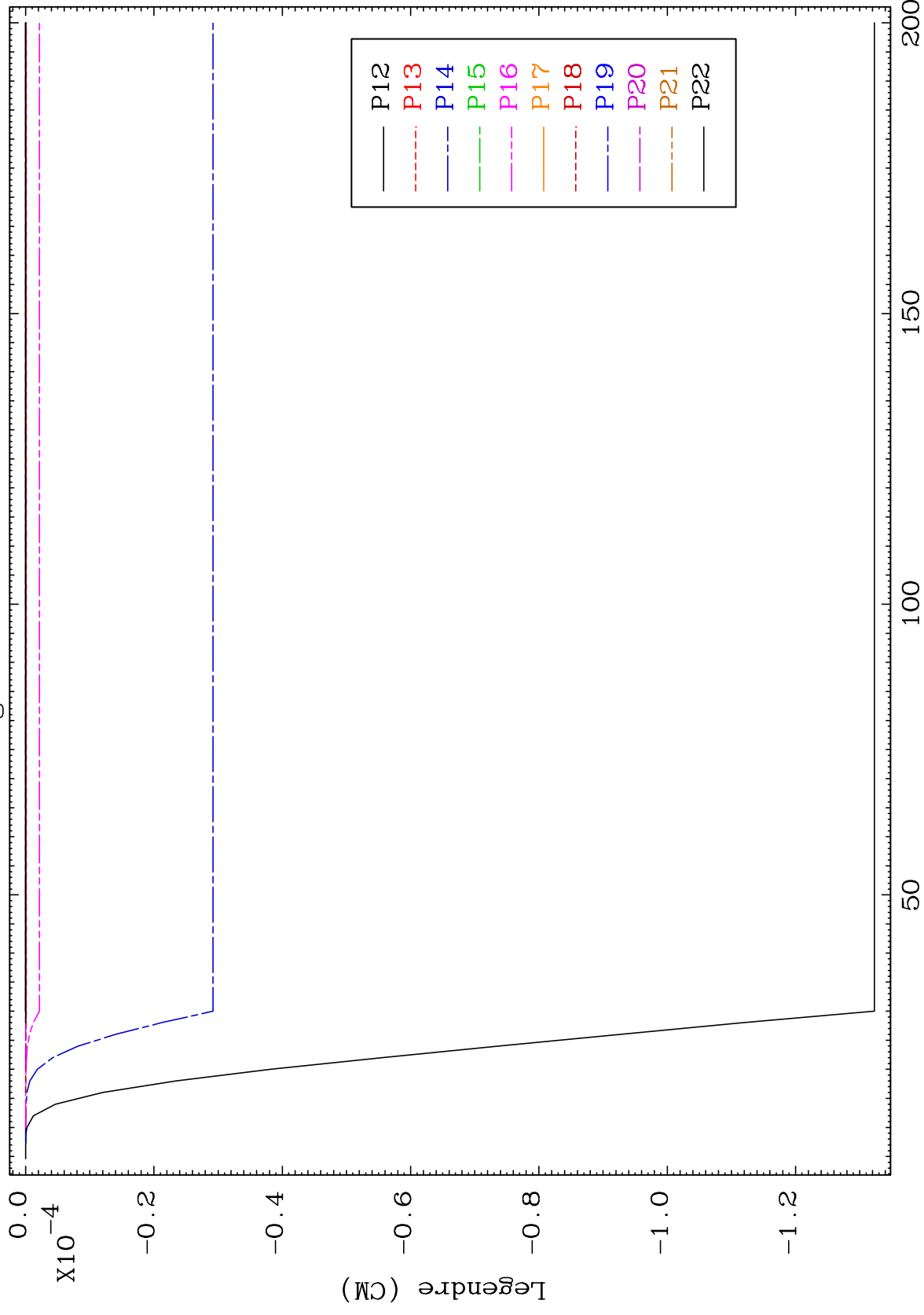
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

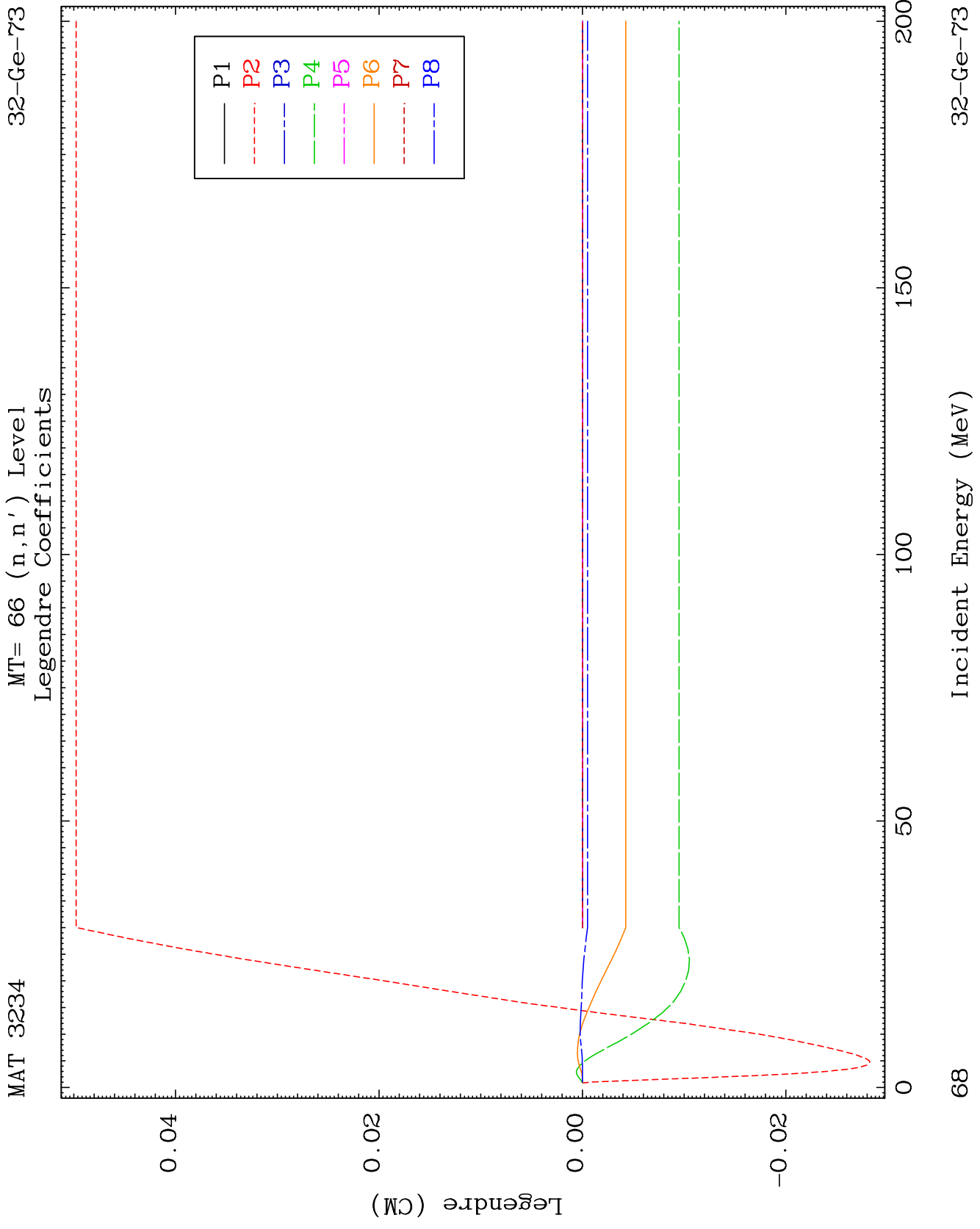
32-Ge-73



67

Incident Energy (MeV)

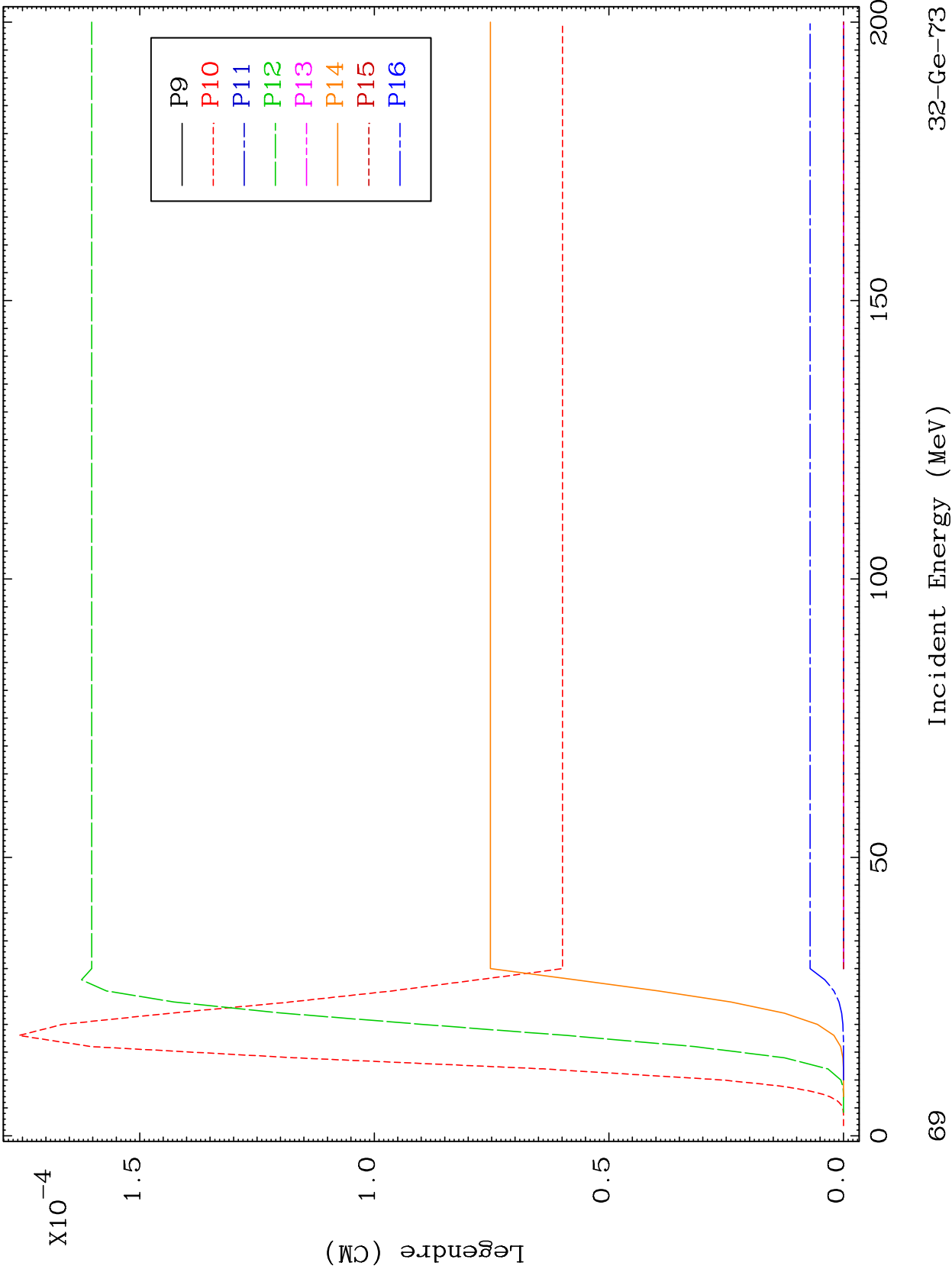
32-Ge-73



MAT 3234

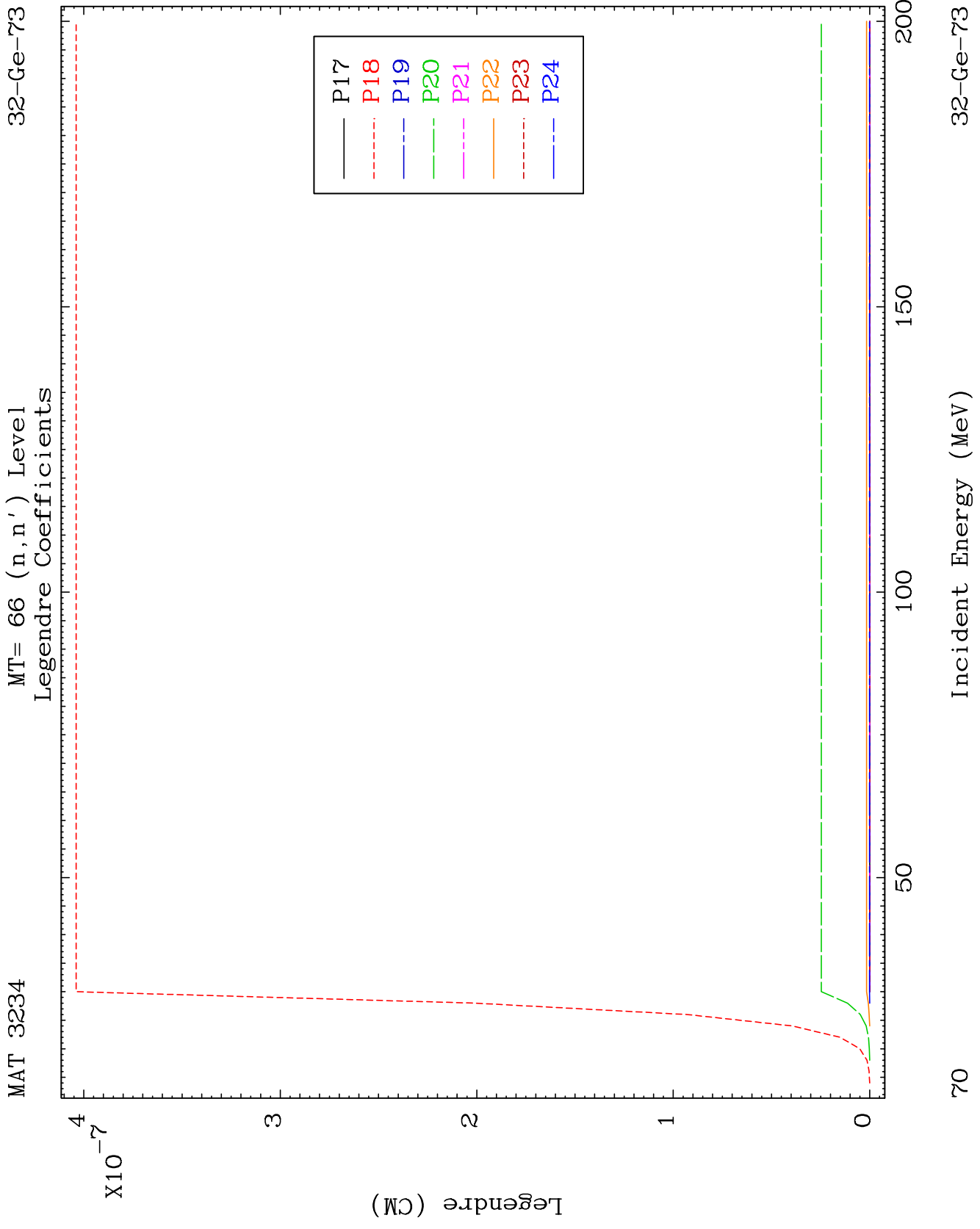
MT= 66 (n,n') Level
Legendre Coefficients

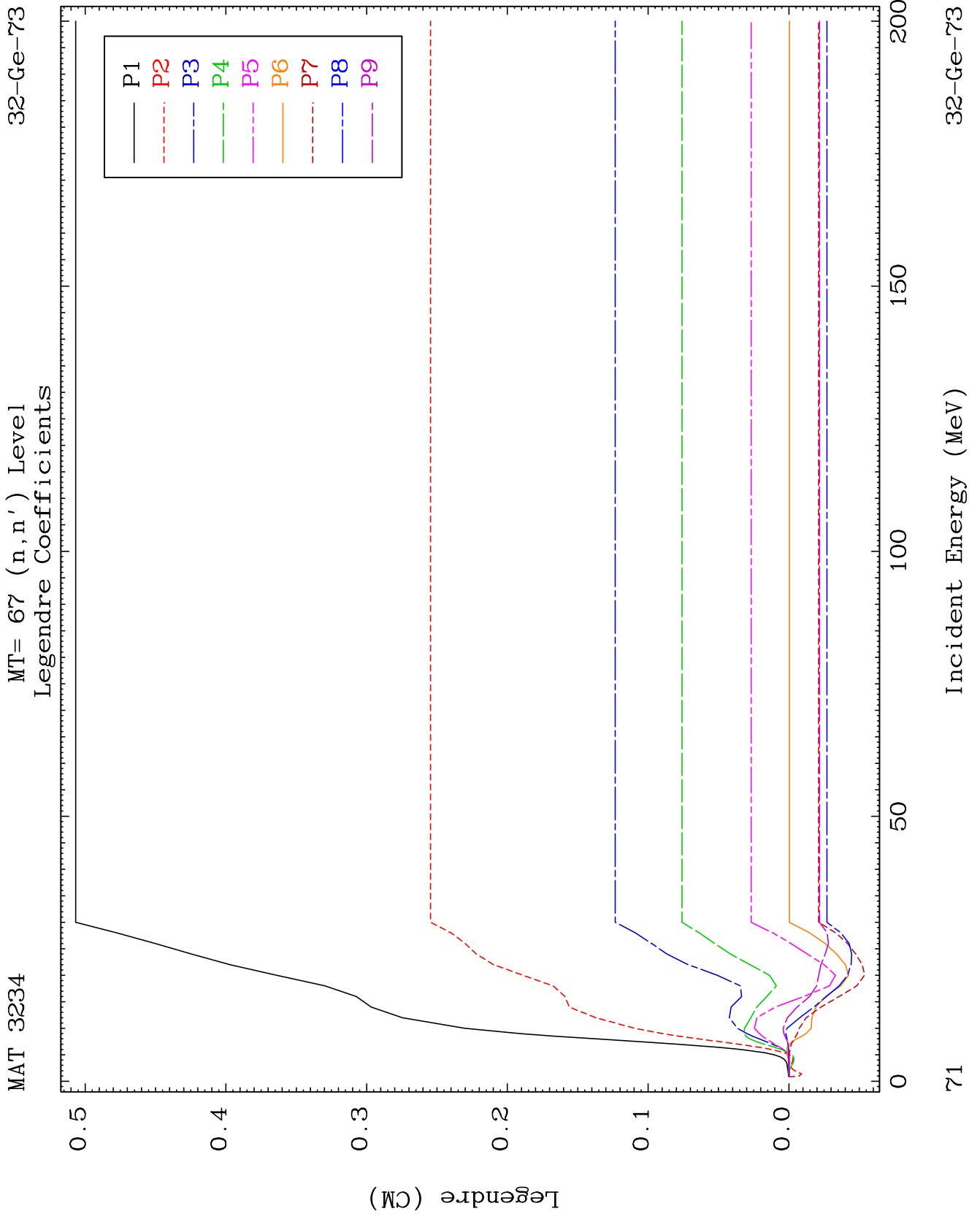
32-Ge-73



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32-Ge-73

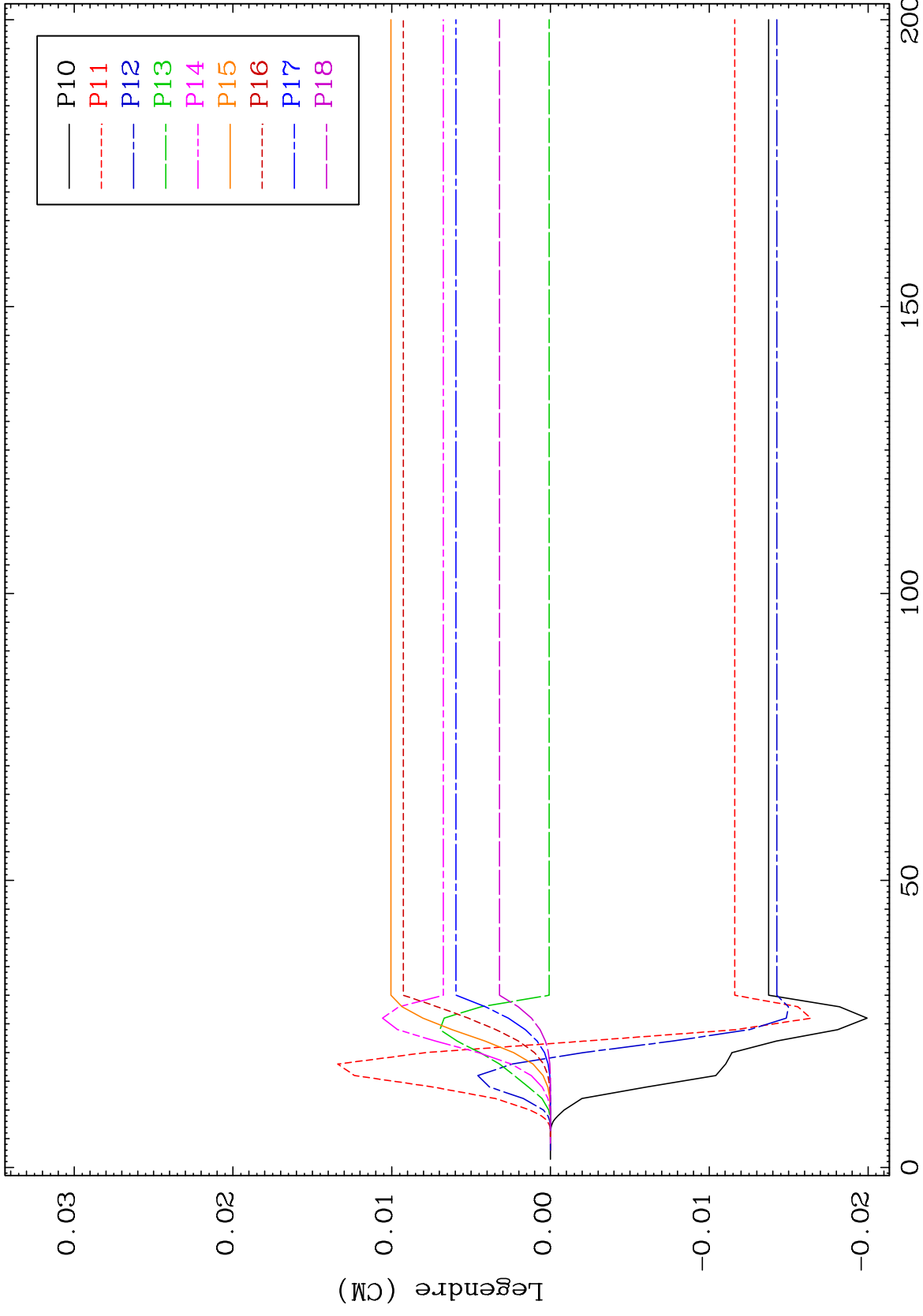




MAT 3234

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

32-Ge-73



72

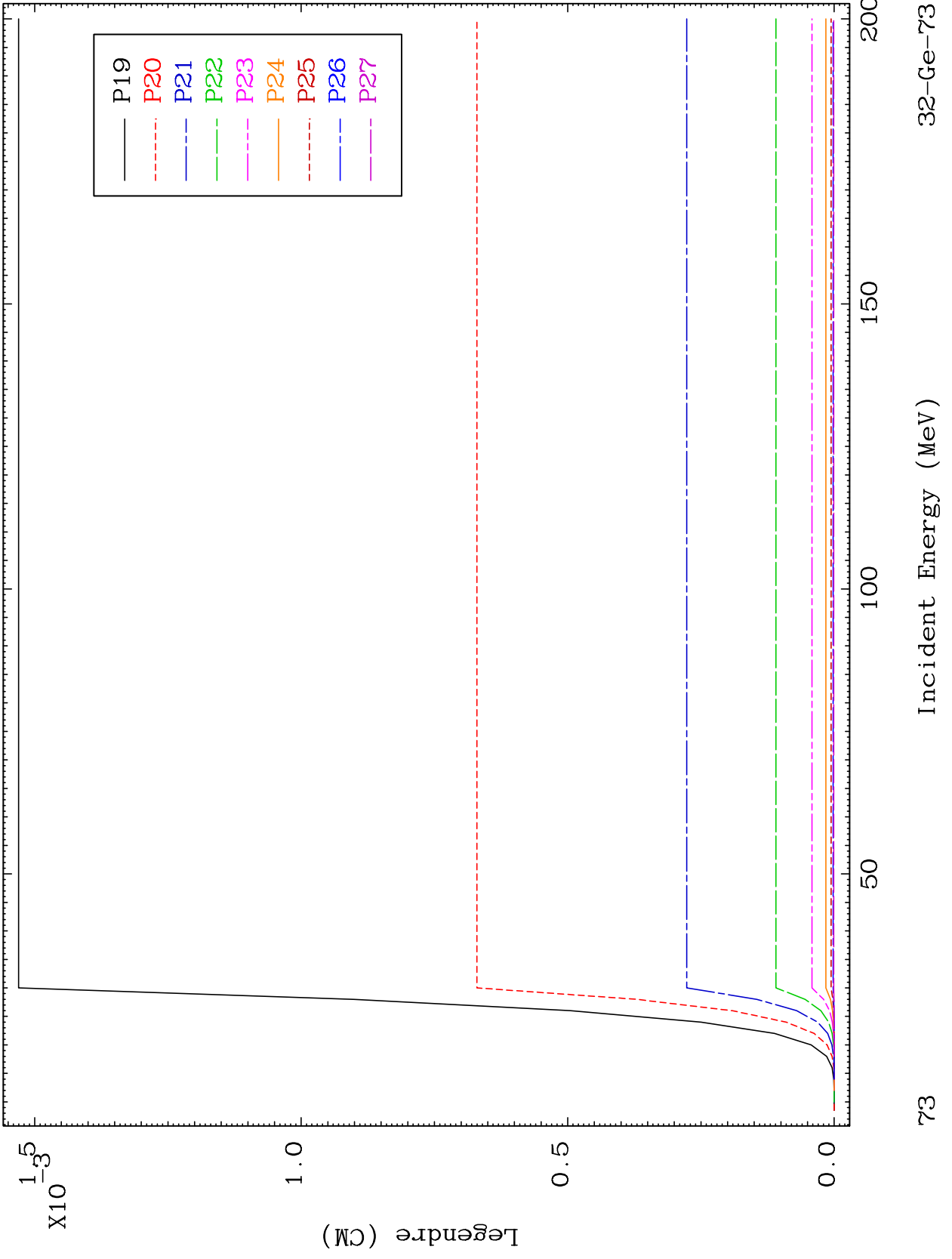
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73

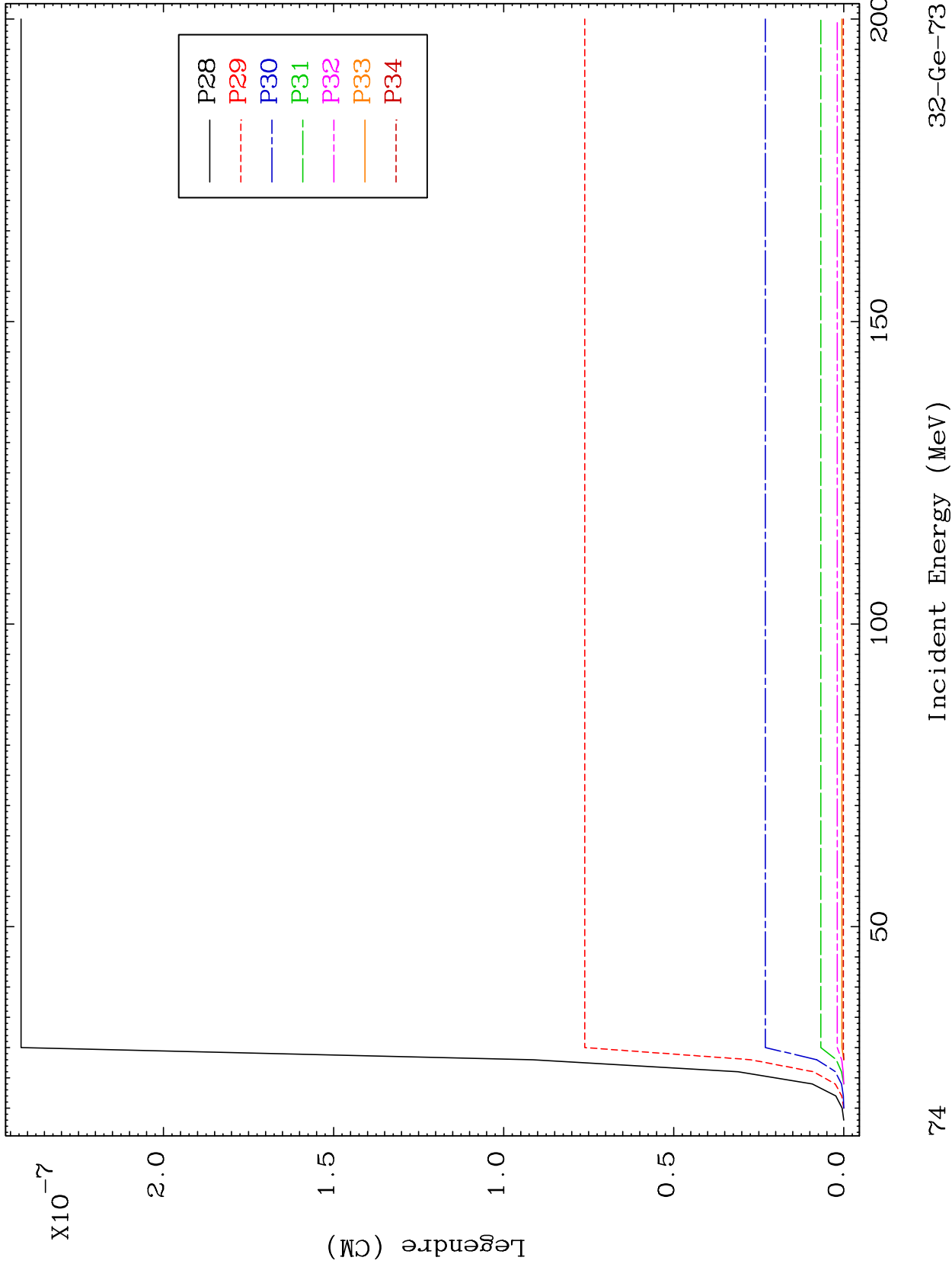


73

MAT 3234

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

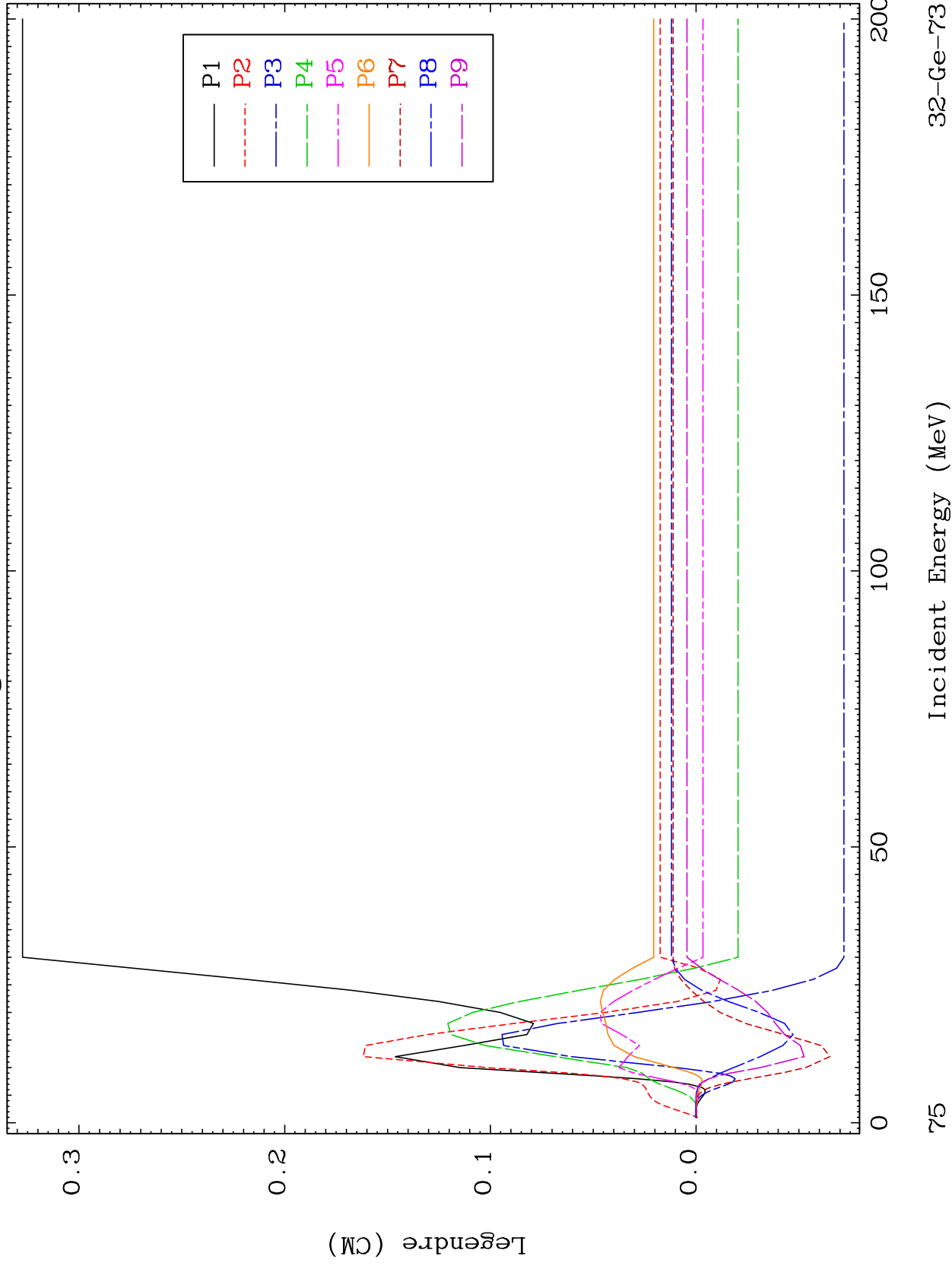
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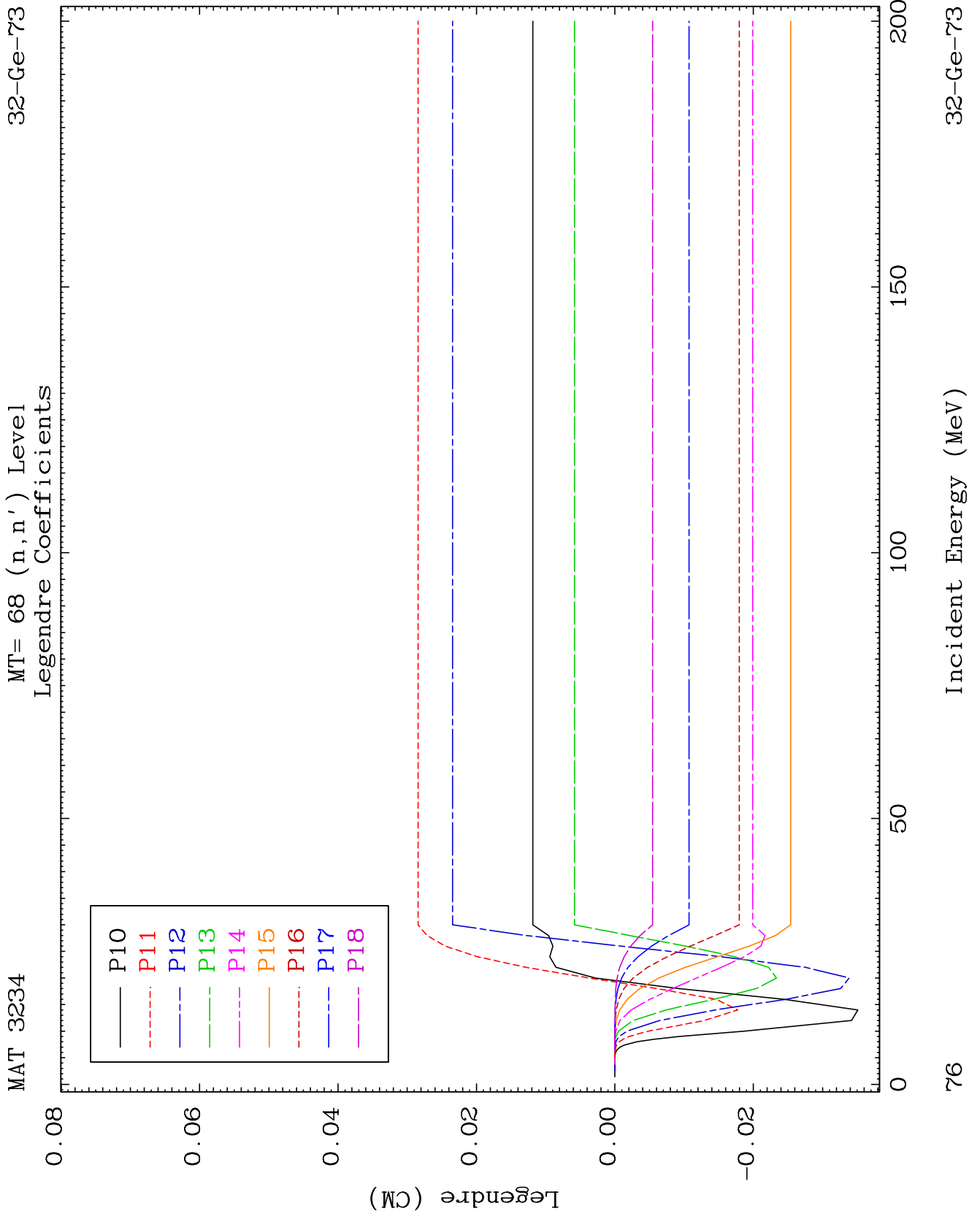


MAT 3234

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

32-Ge-73

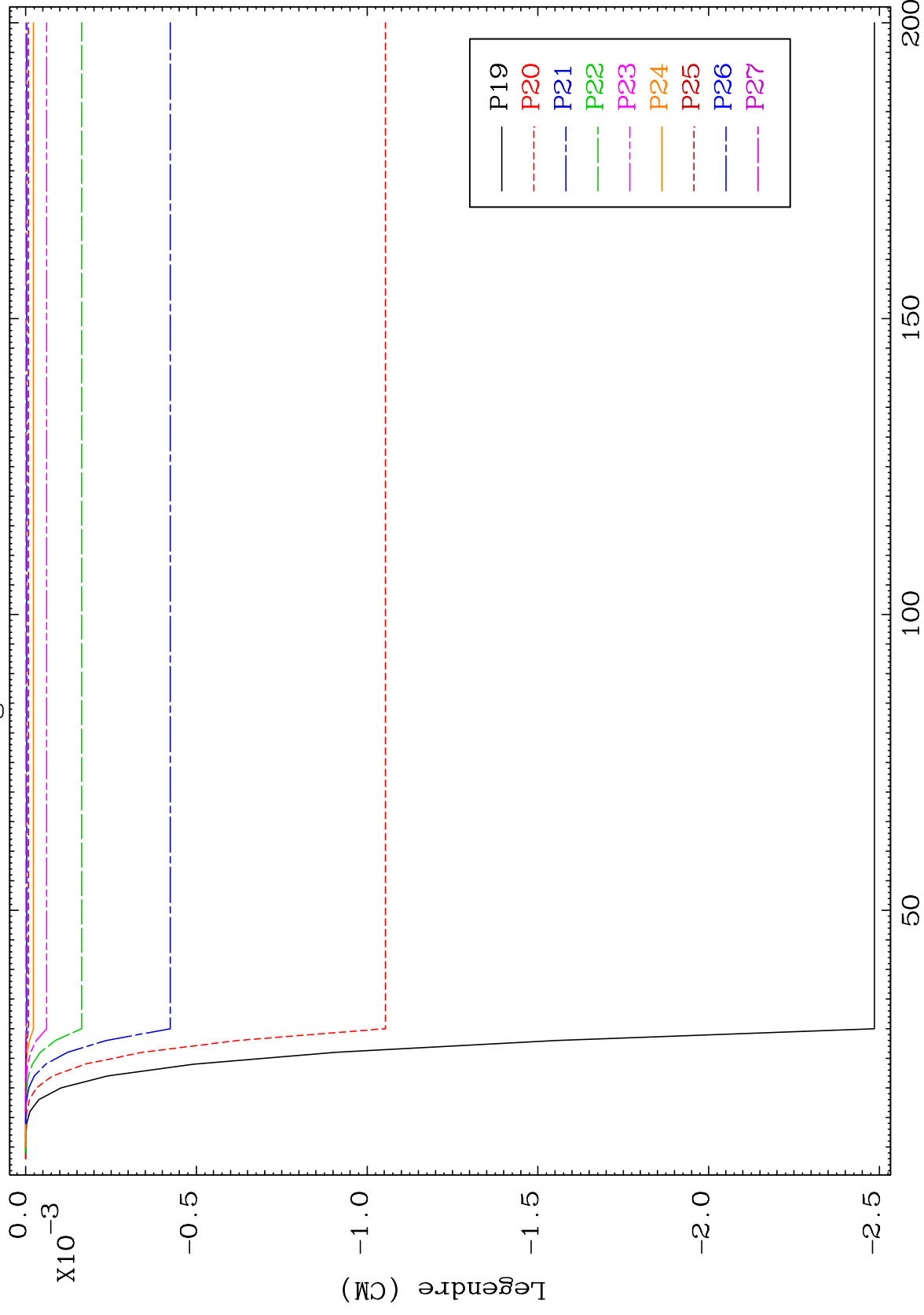




MAT 3234

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

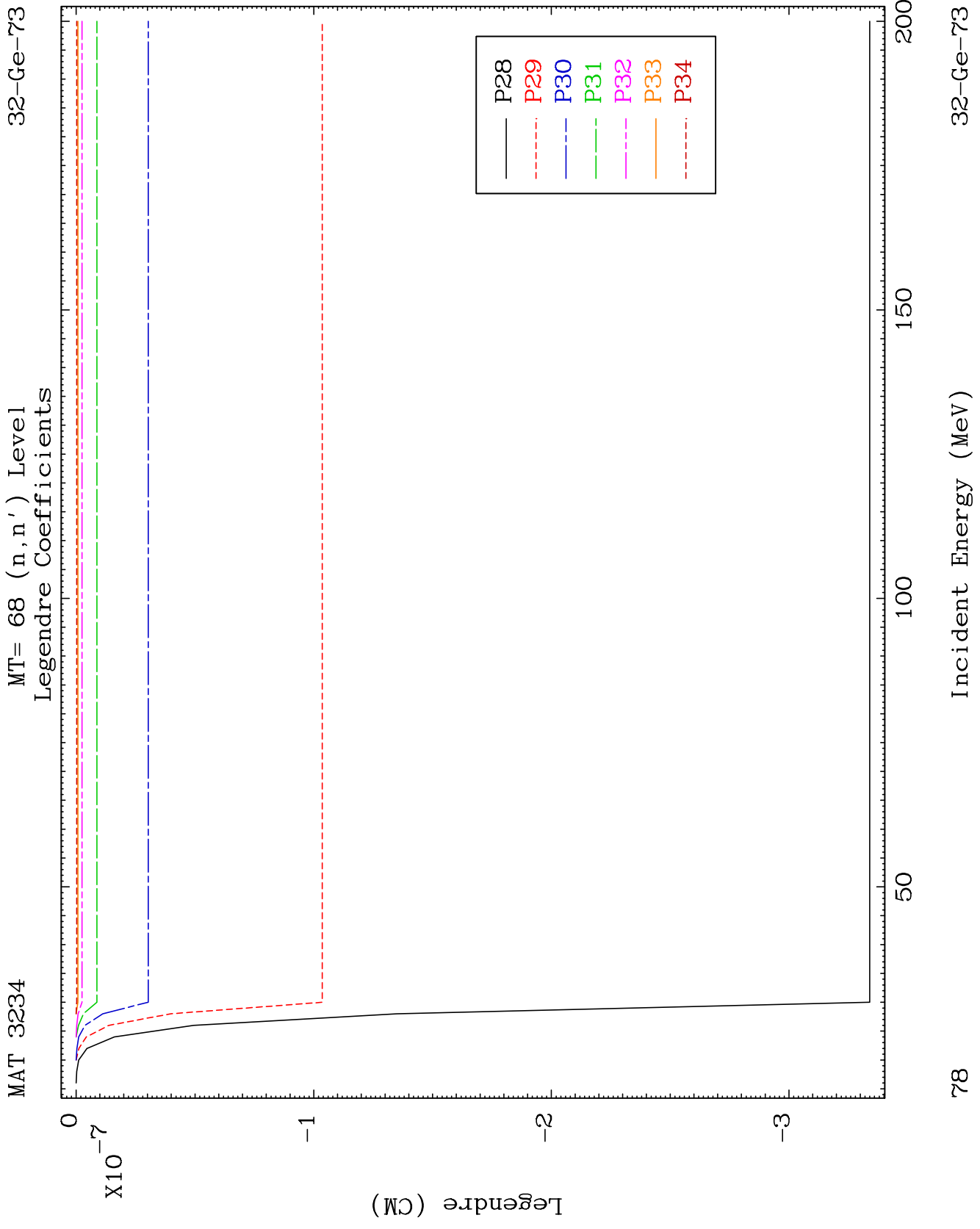
32-Ge-73



32-Ge-73

Incident Energy (MeV)

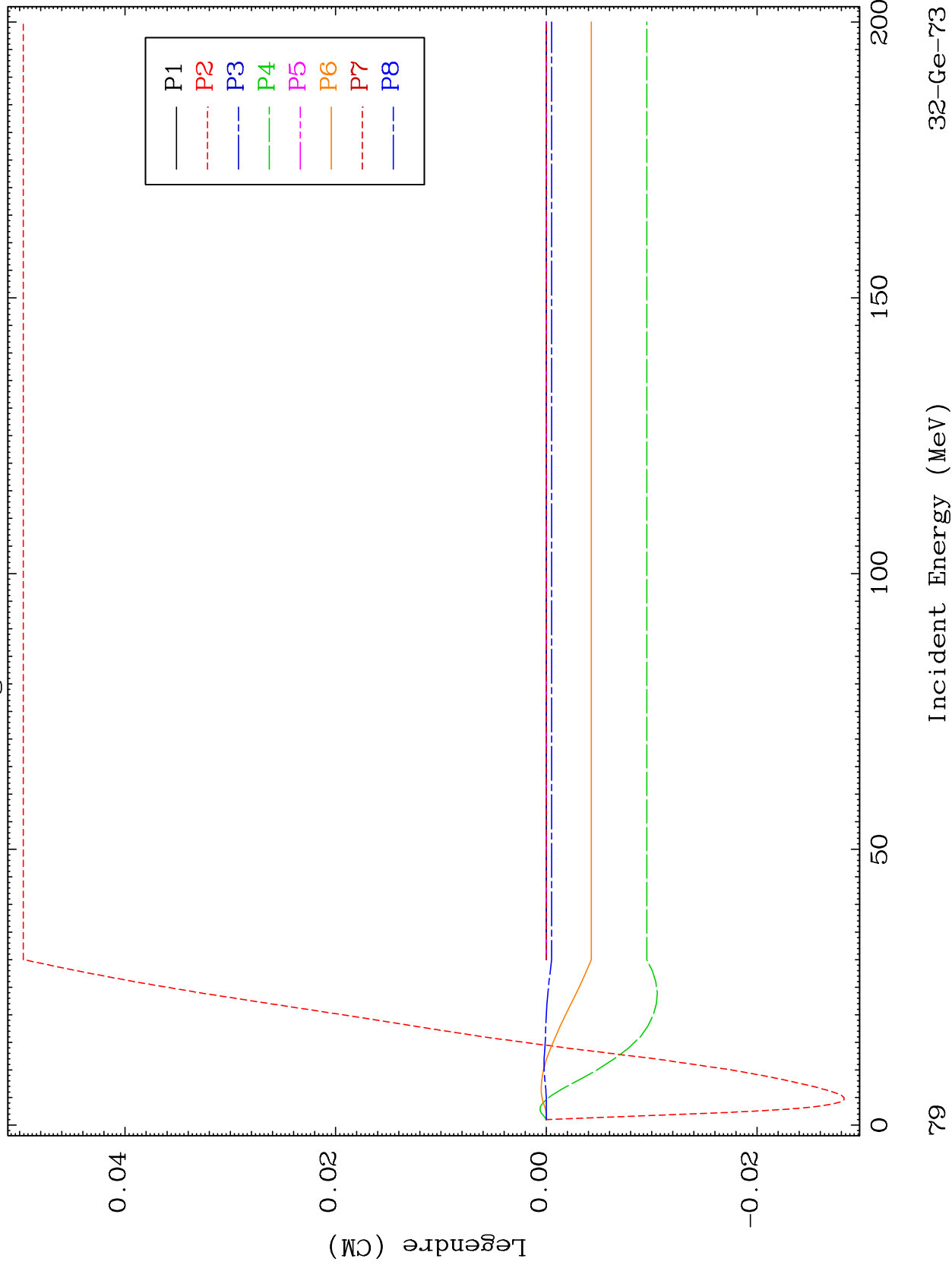
77



MAT 3234

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

32-Ge-73



32-Ge-73

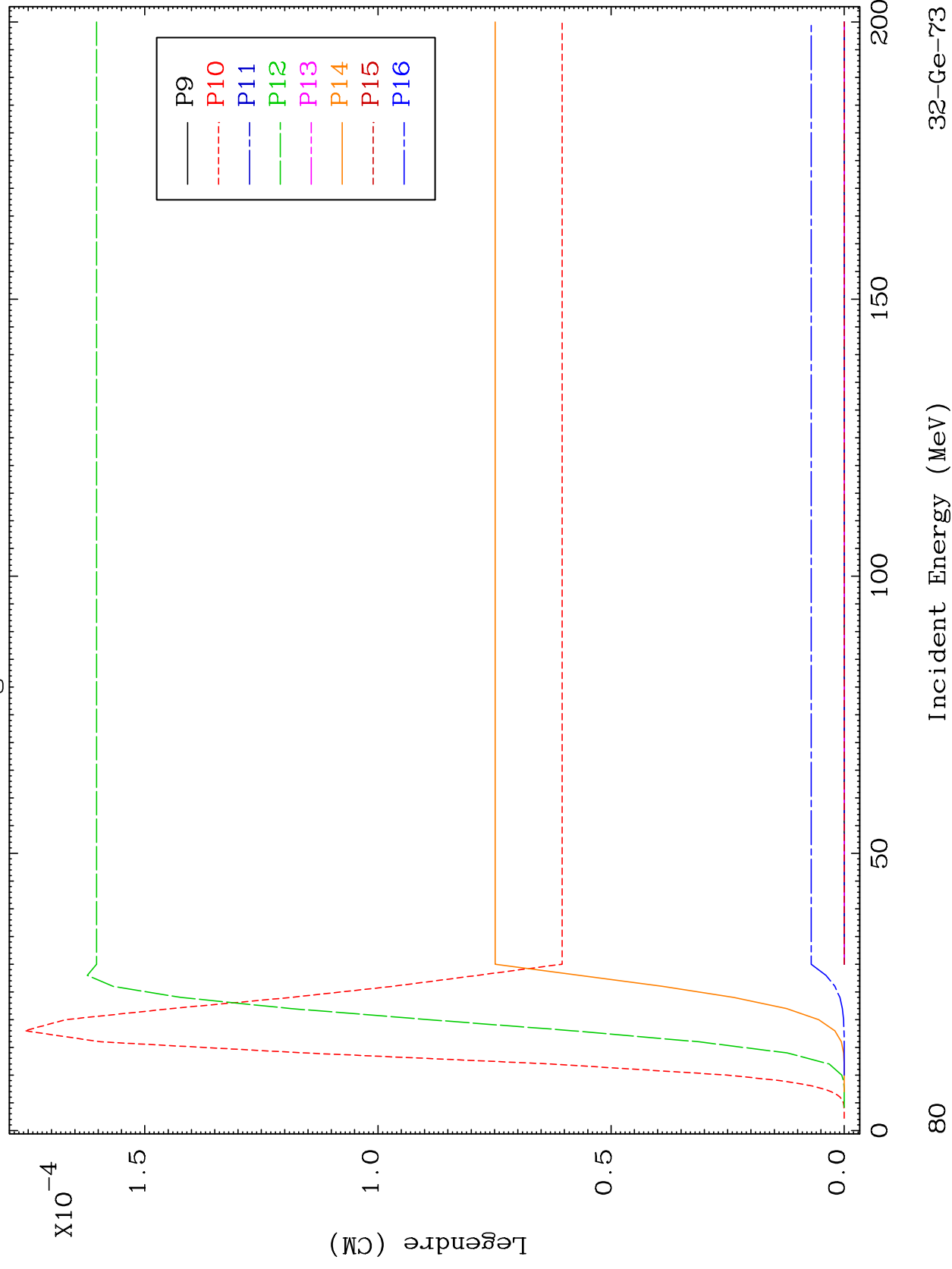
Incident Energy (MeV)

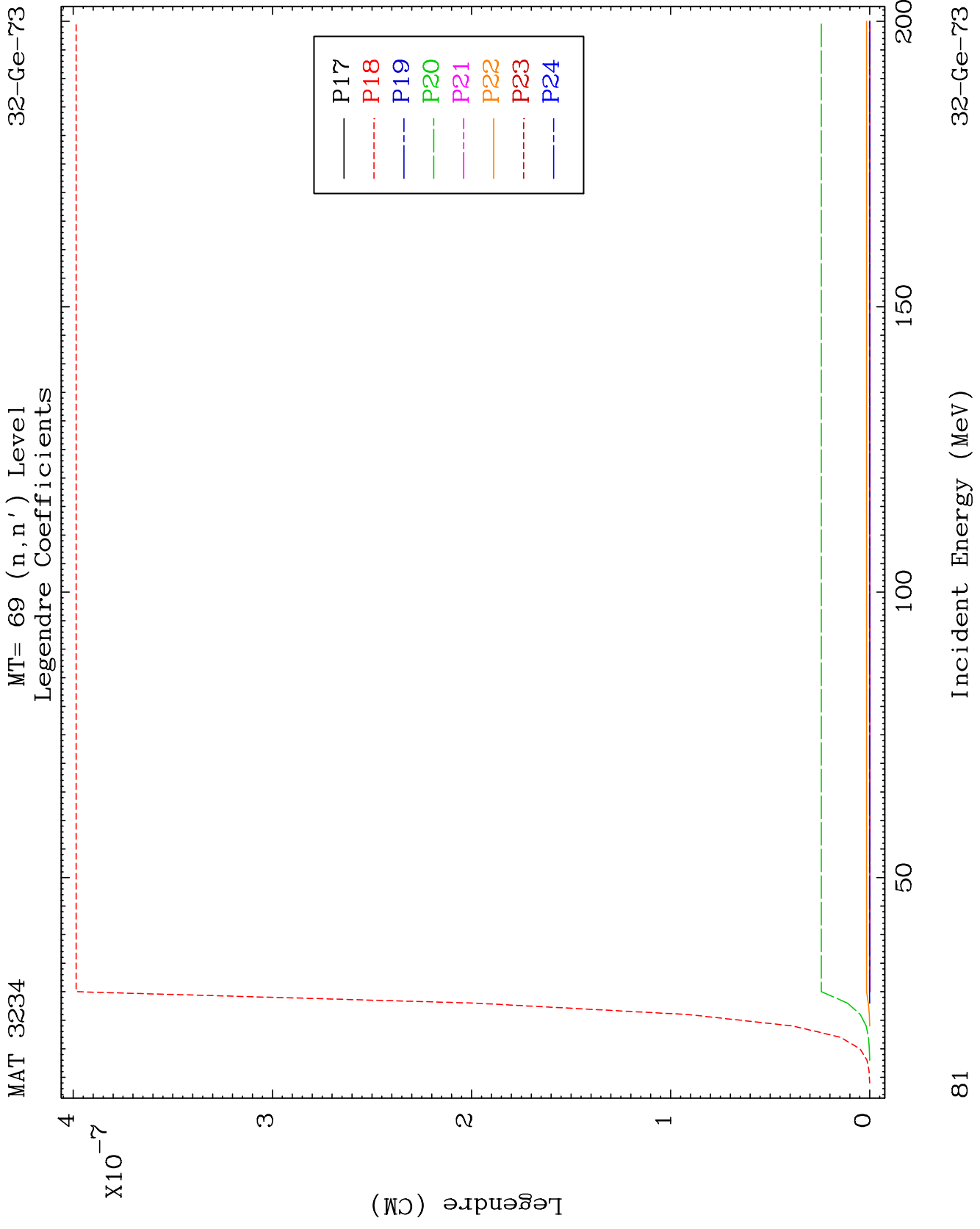
79

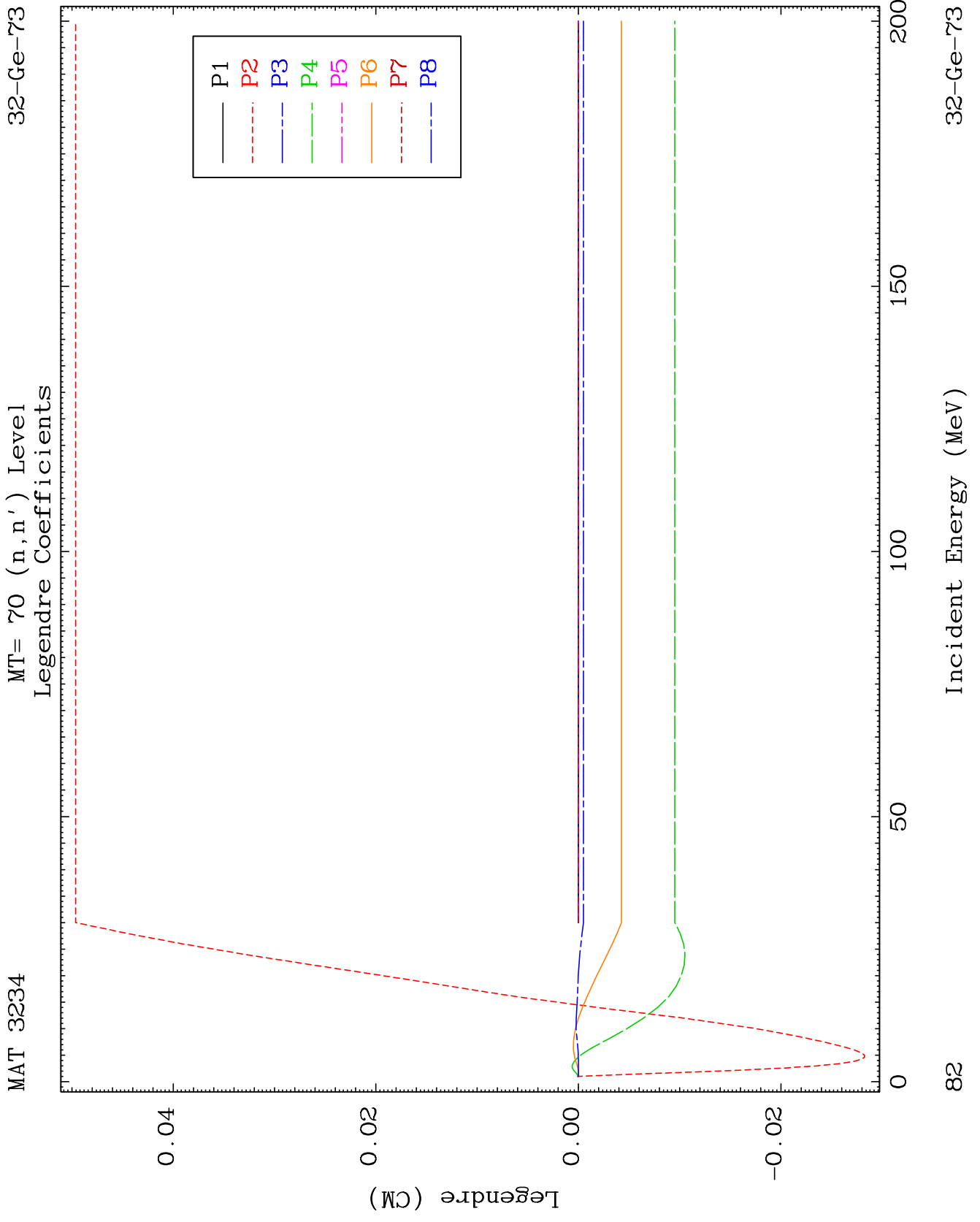
MAT 3234

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

32-Ge-73



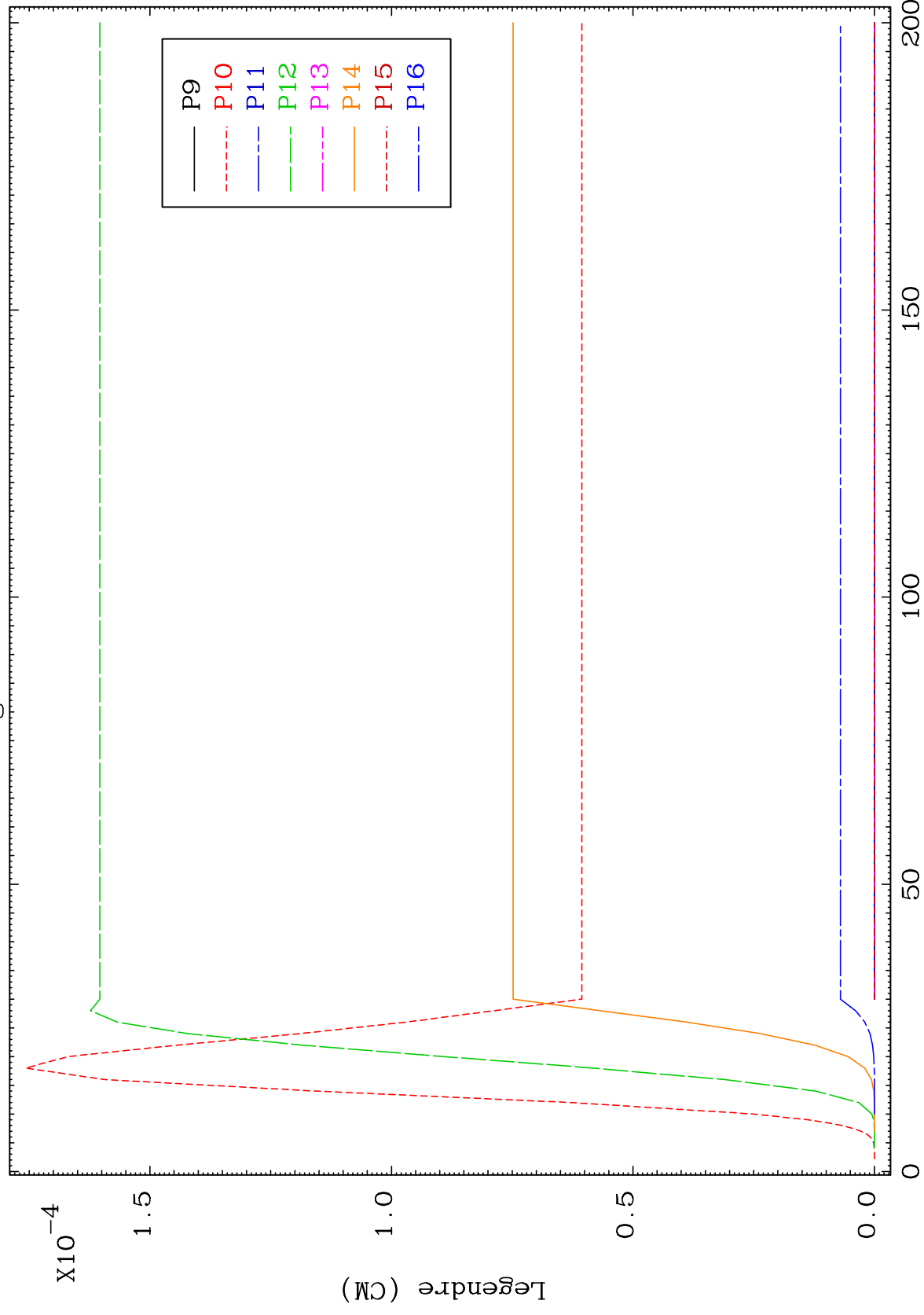




MAT 3234

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

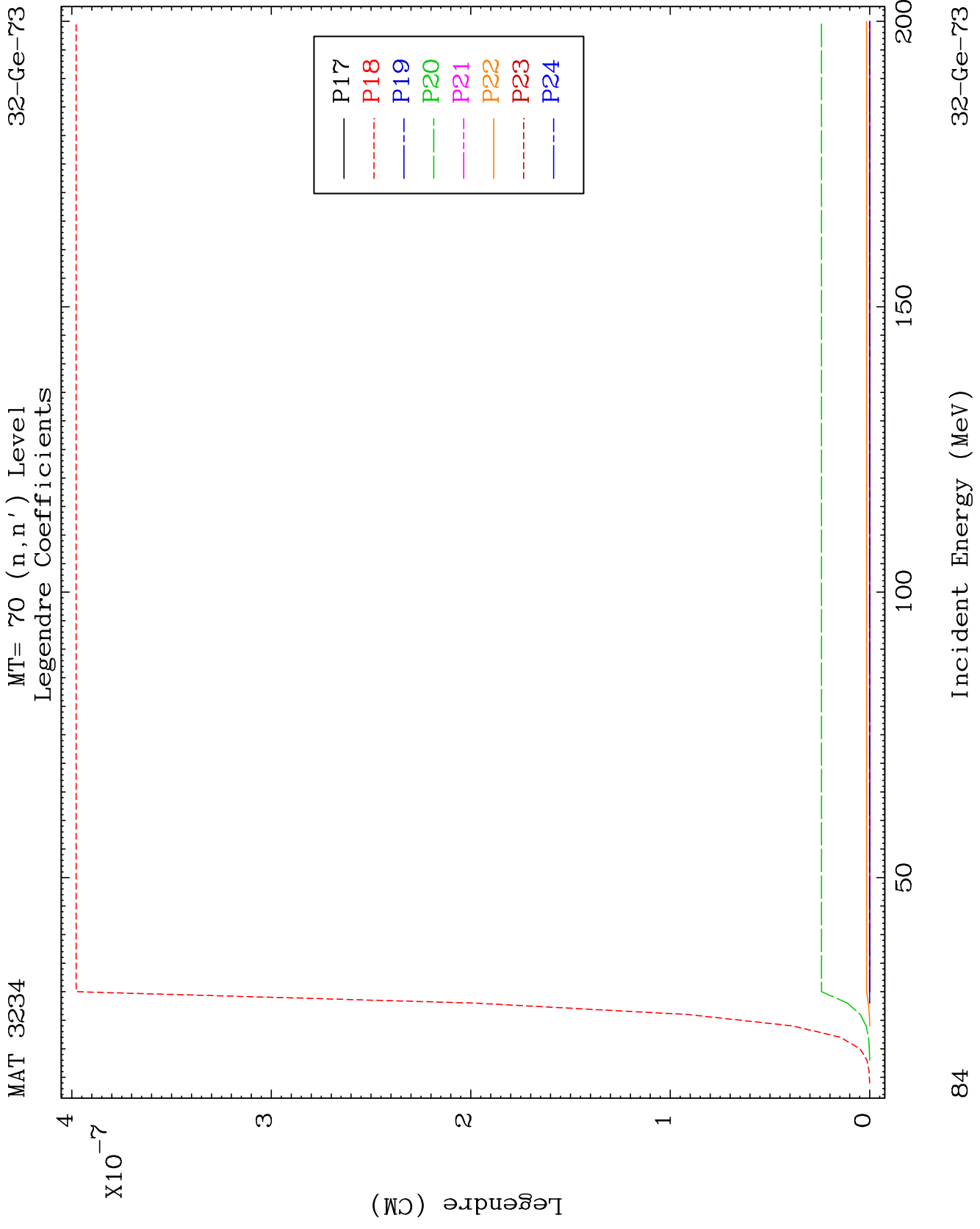
32-Ge-73



83

Incident Energy (MeV)

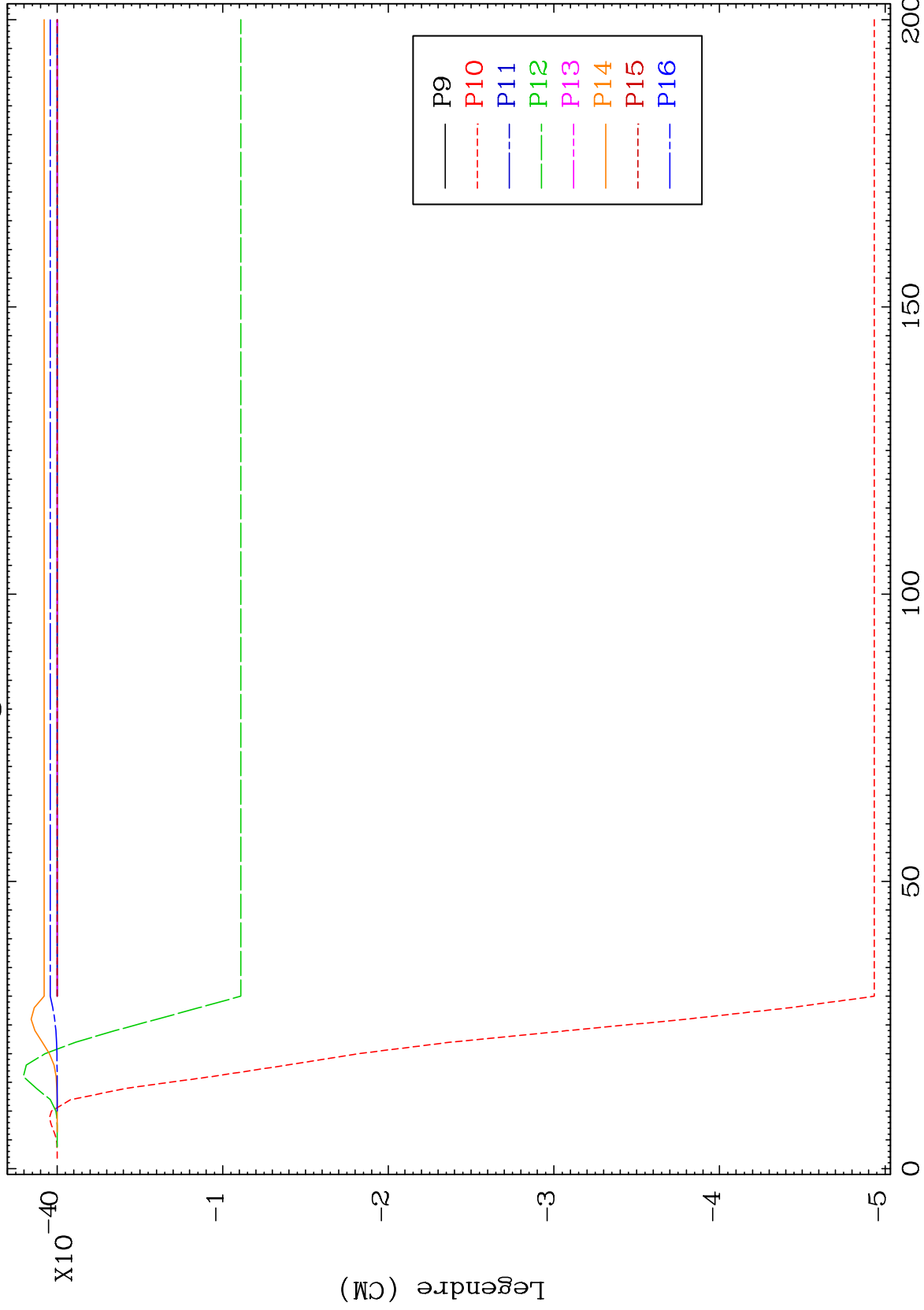
32-Ge-73



MAT 3234

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

32-Ge-73



86

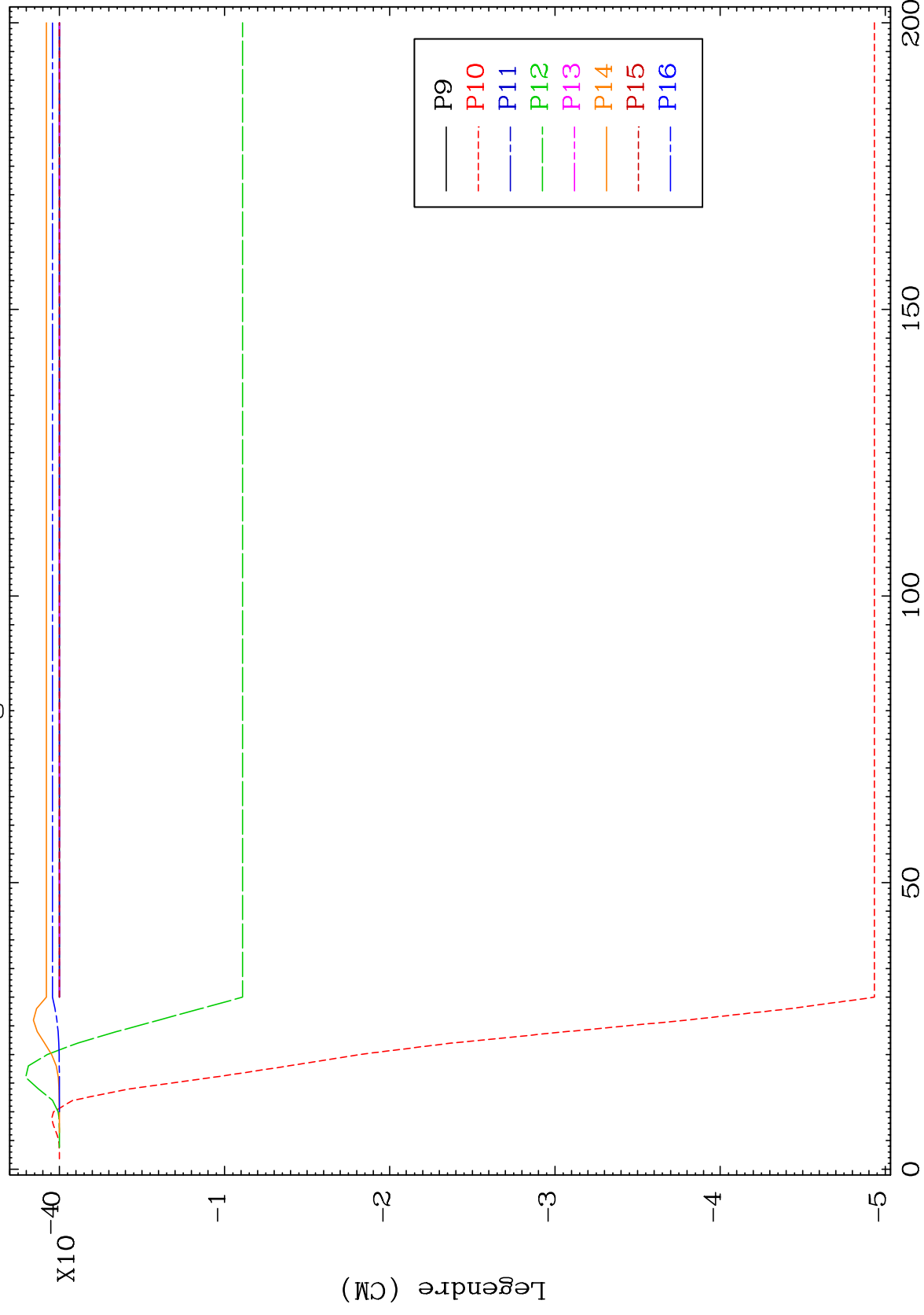
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

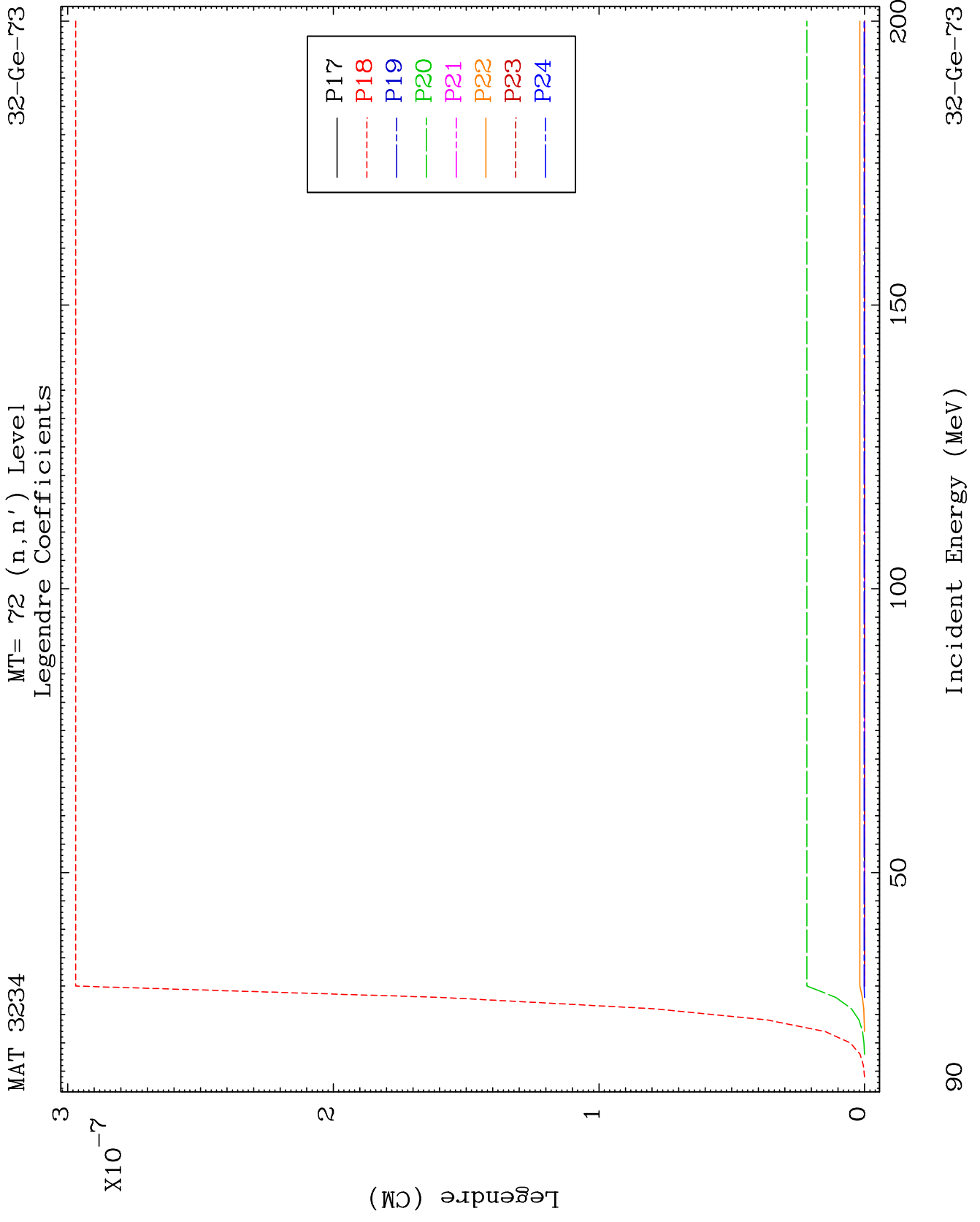
32-Ge-73



89

Incident Energy (MeV)

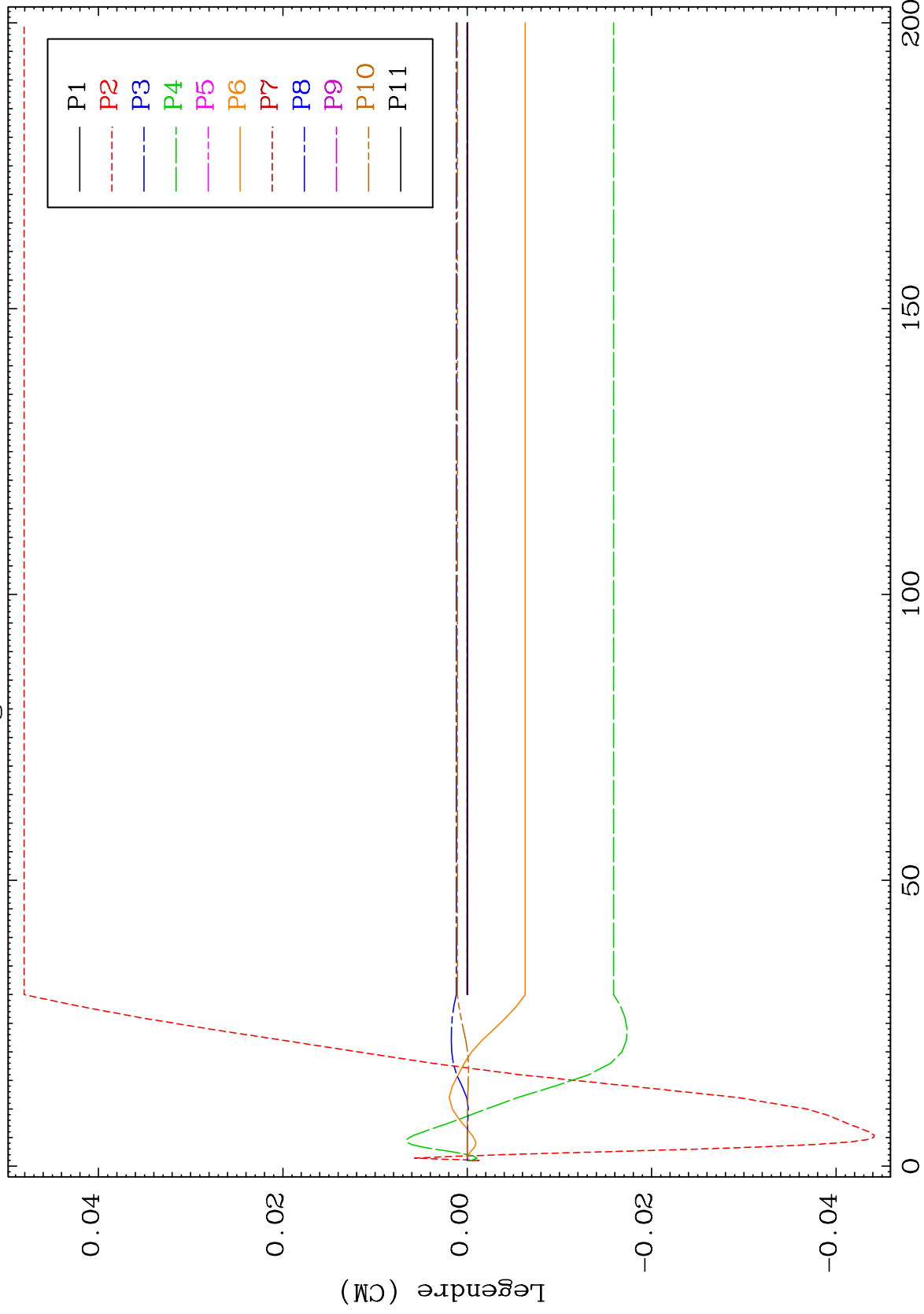
32-Ge-73



MAT 3234

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

32-Ge-73



91

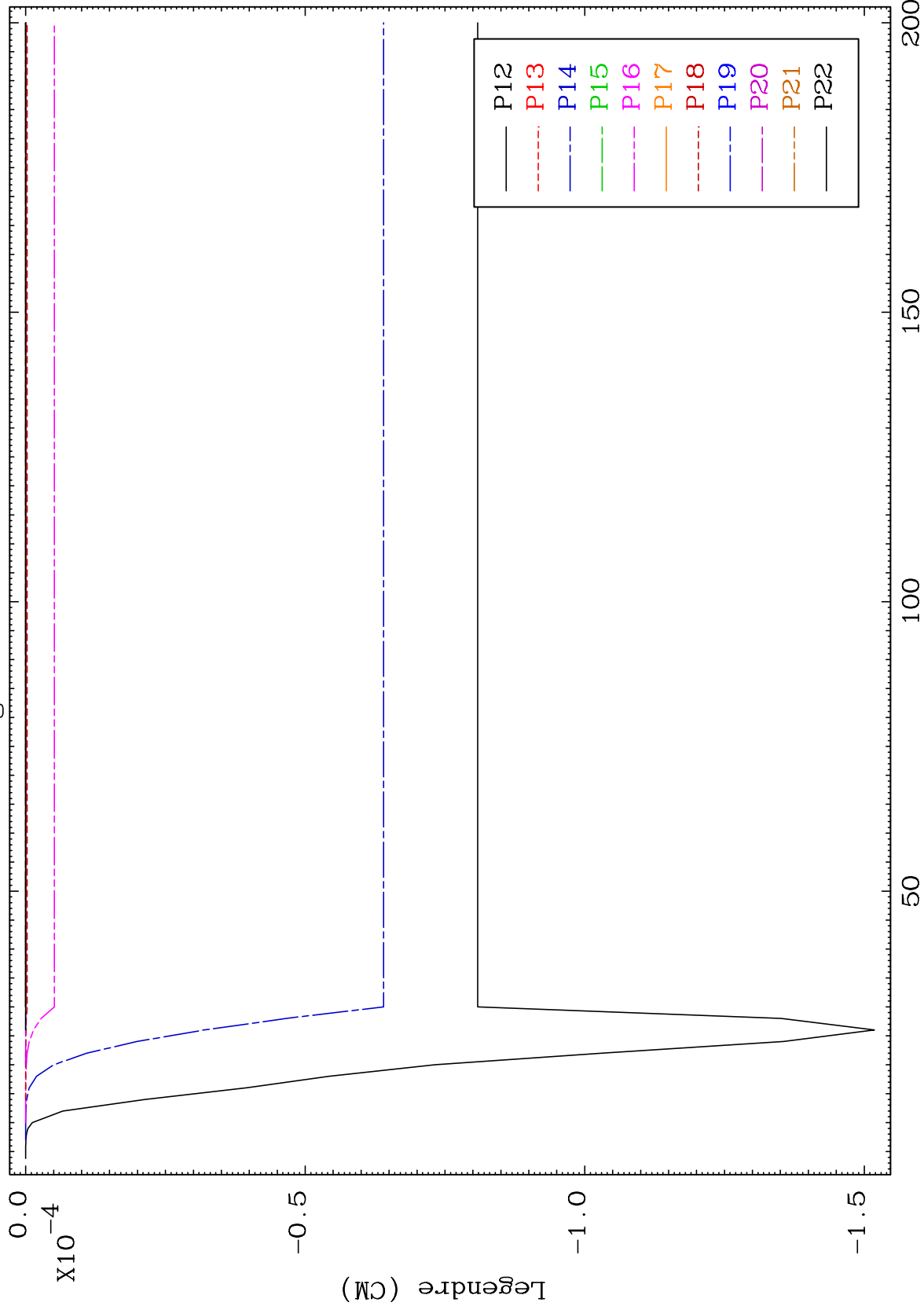
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



32-Ge-73

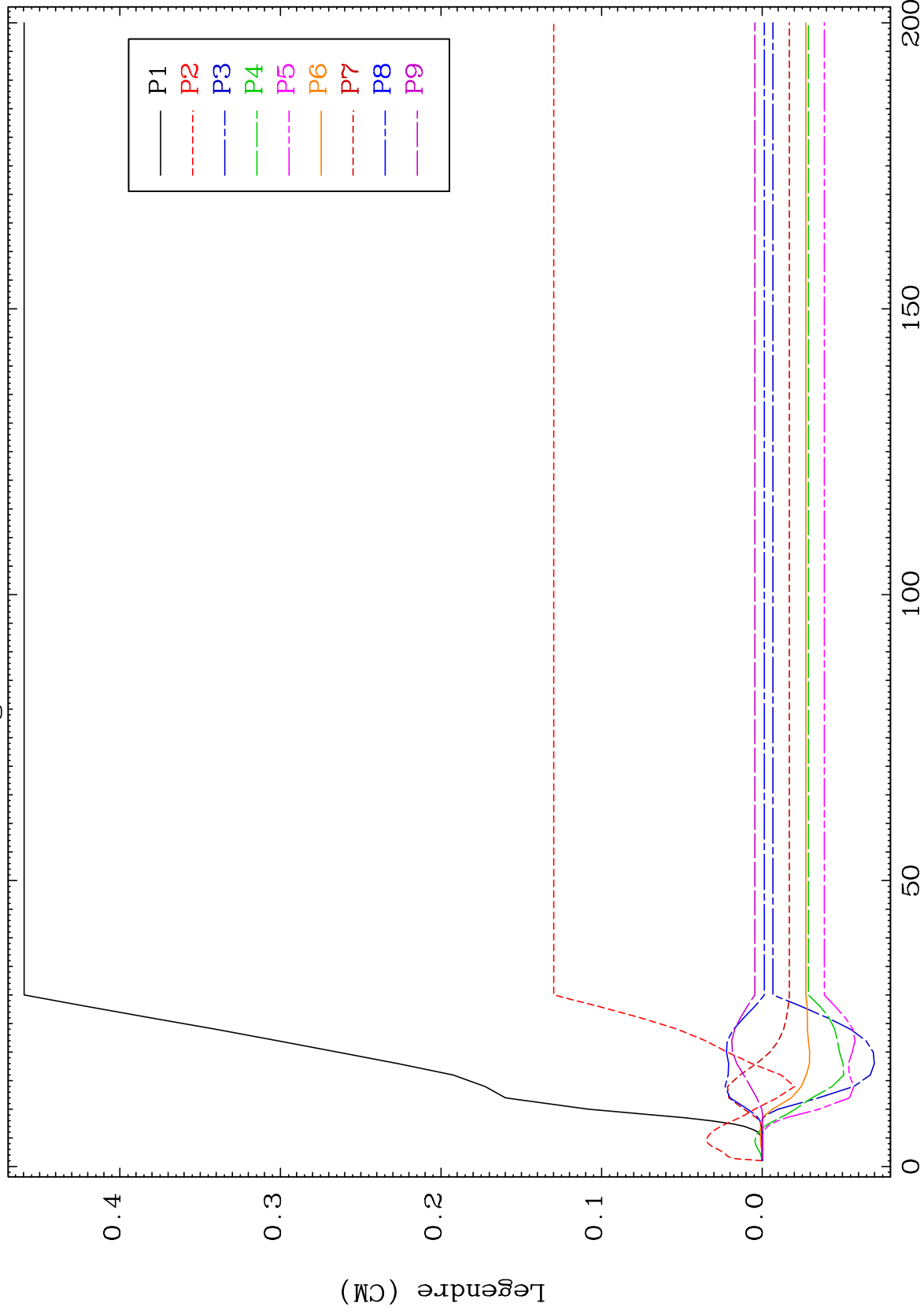
Incident Energy (MeV)

92

MAT 3234

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

32-Ge-73



93

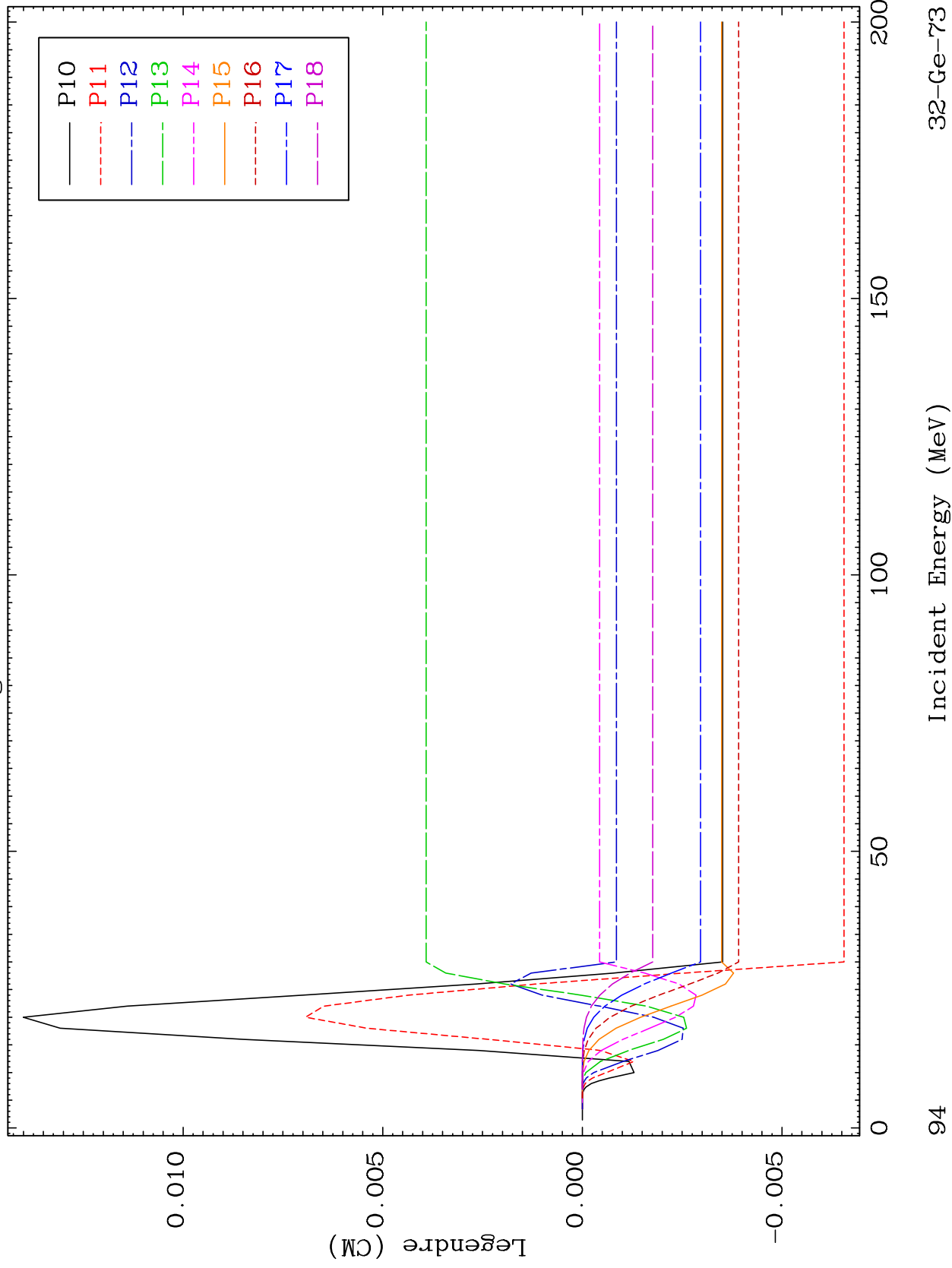
Incident Energy (MeV)

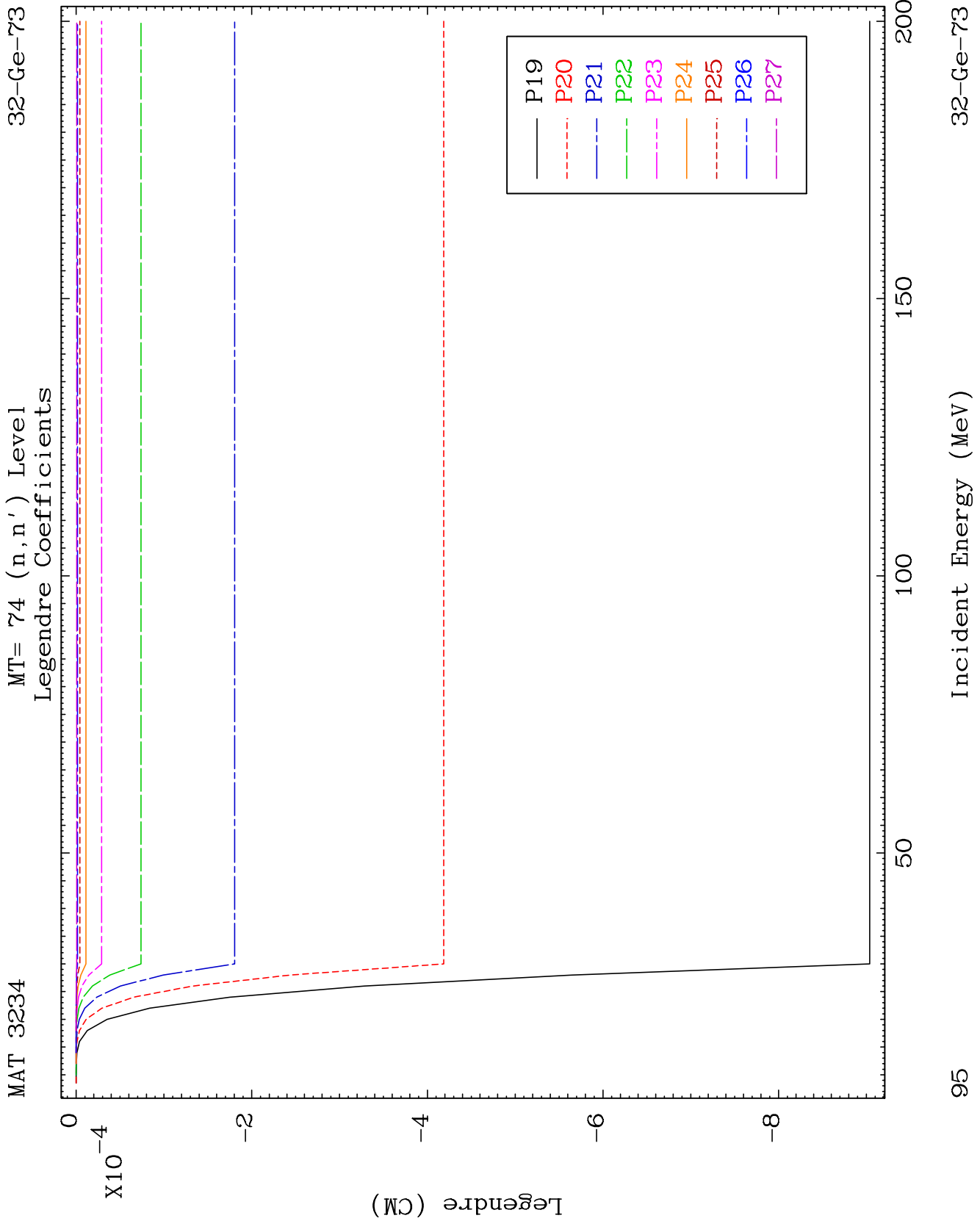
32-Ge-73

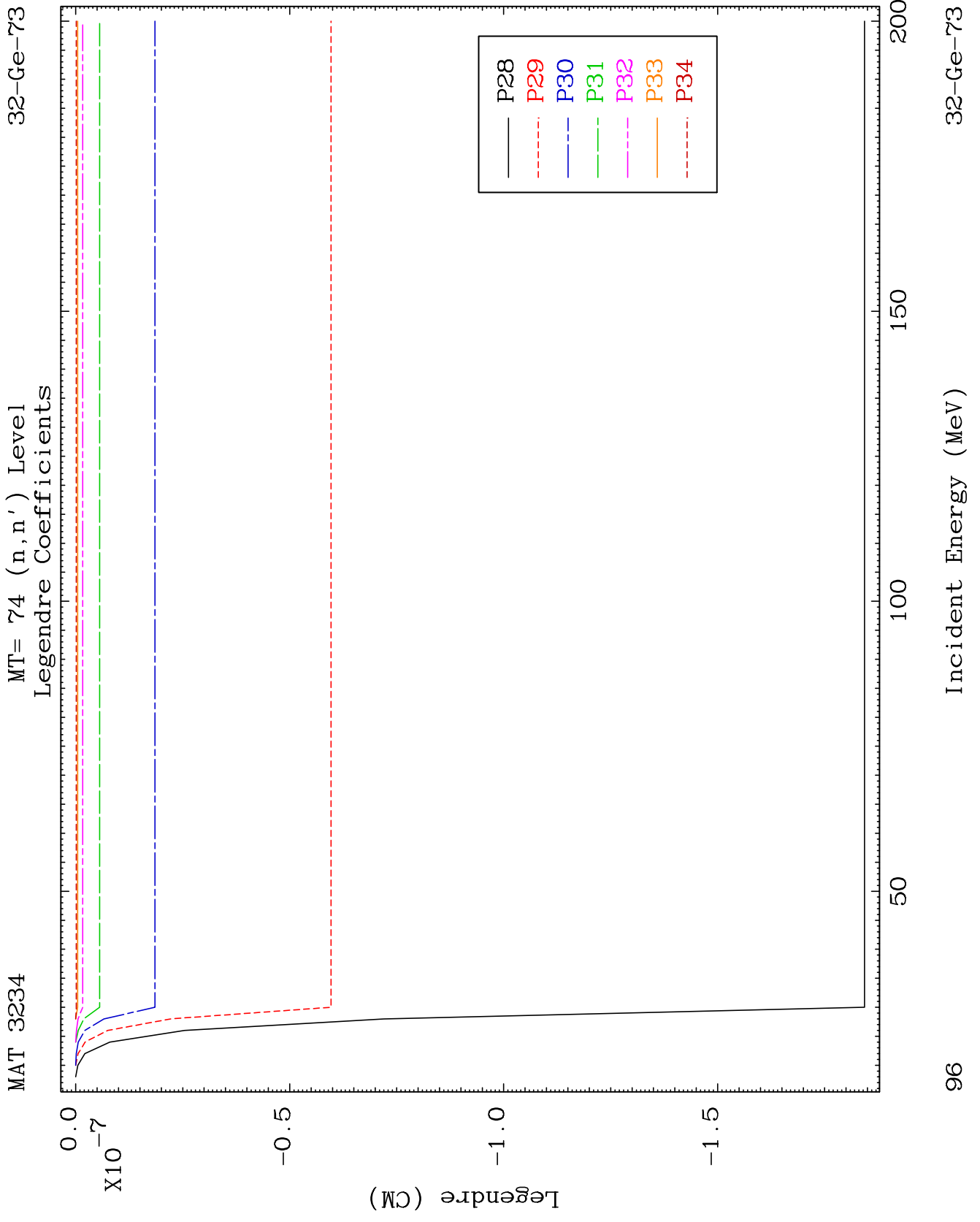
MAT 3234

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

32-Ge-73



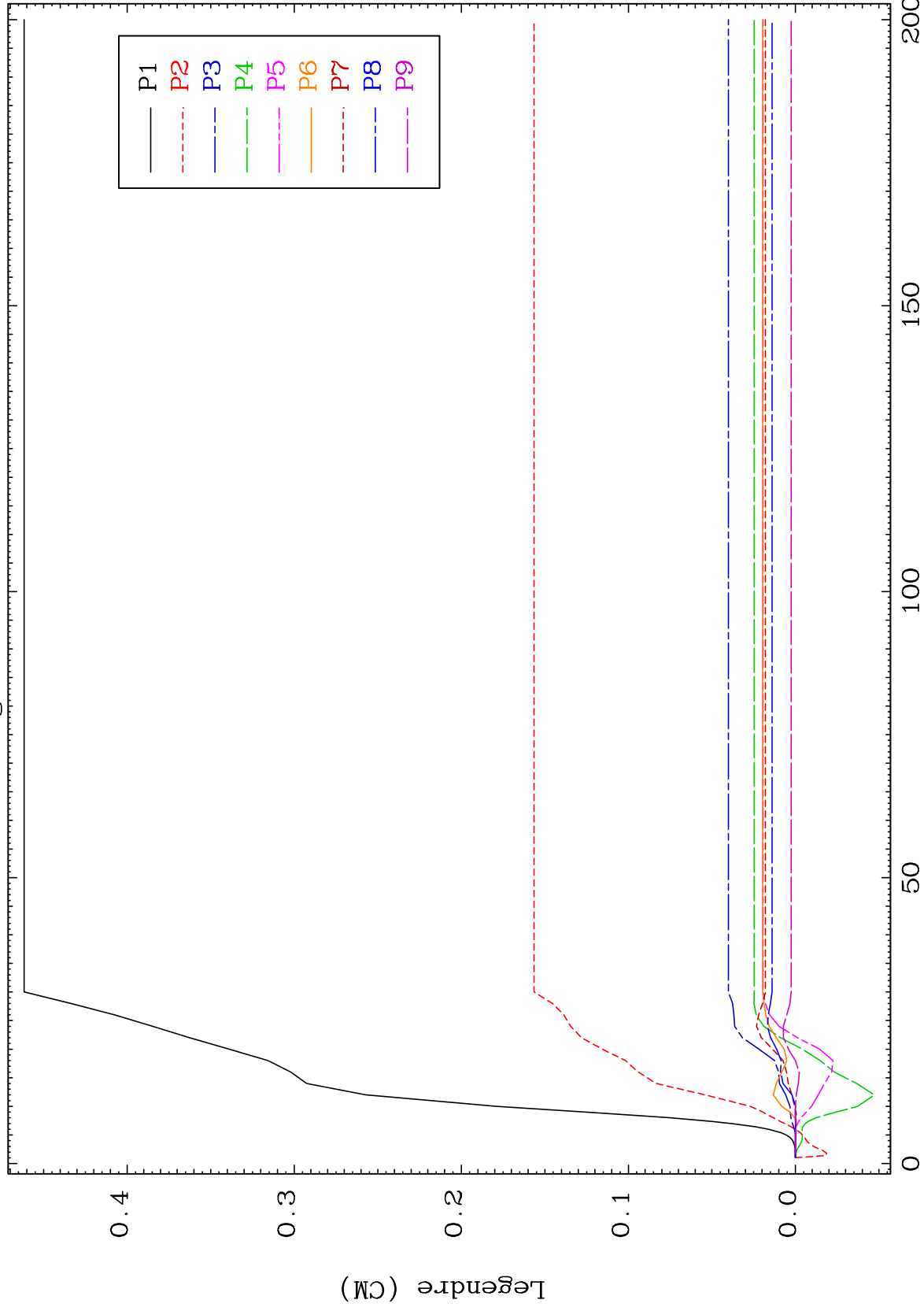




MAT 3234

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

32-Ge-73



97

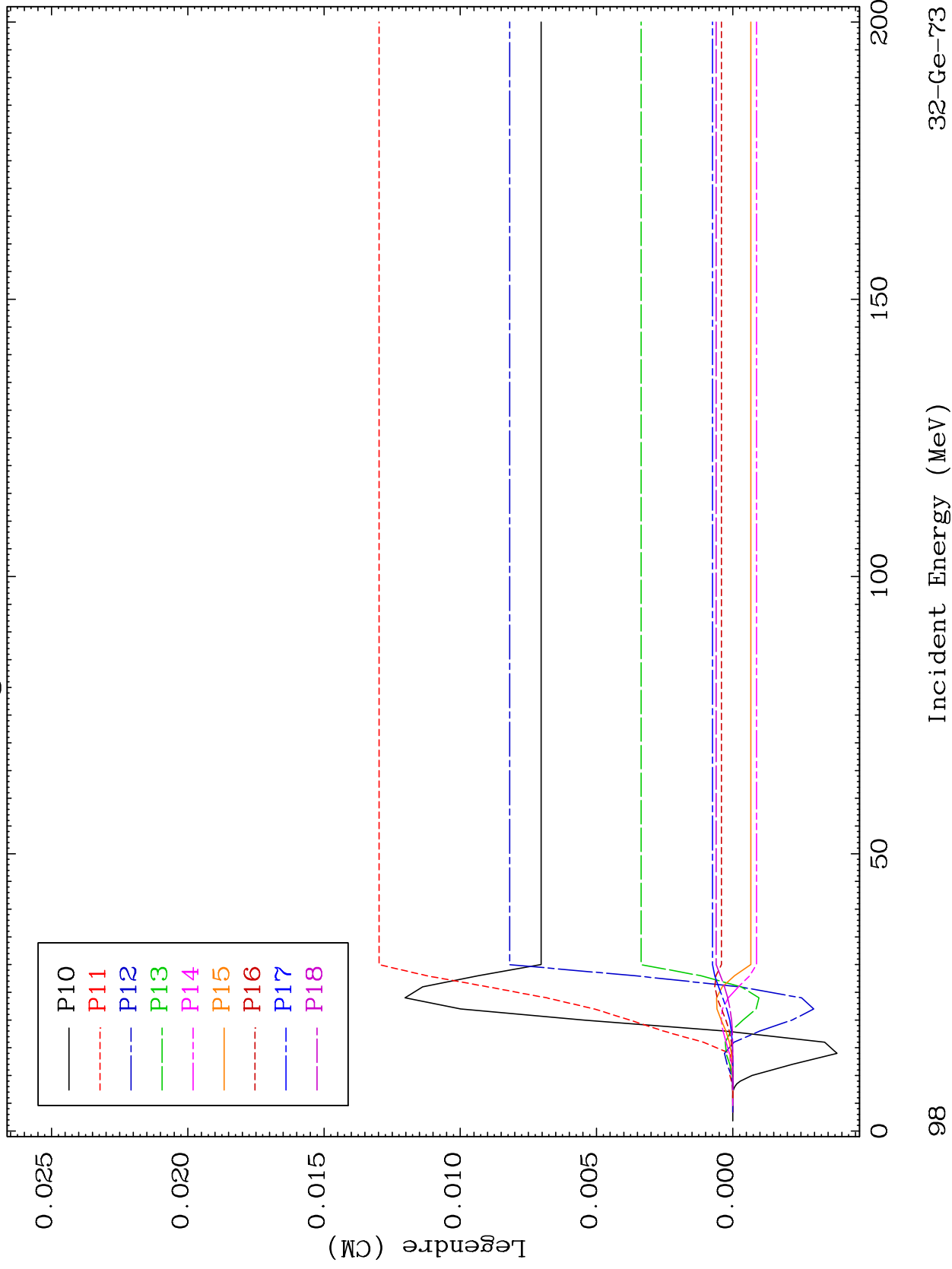
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



98

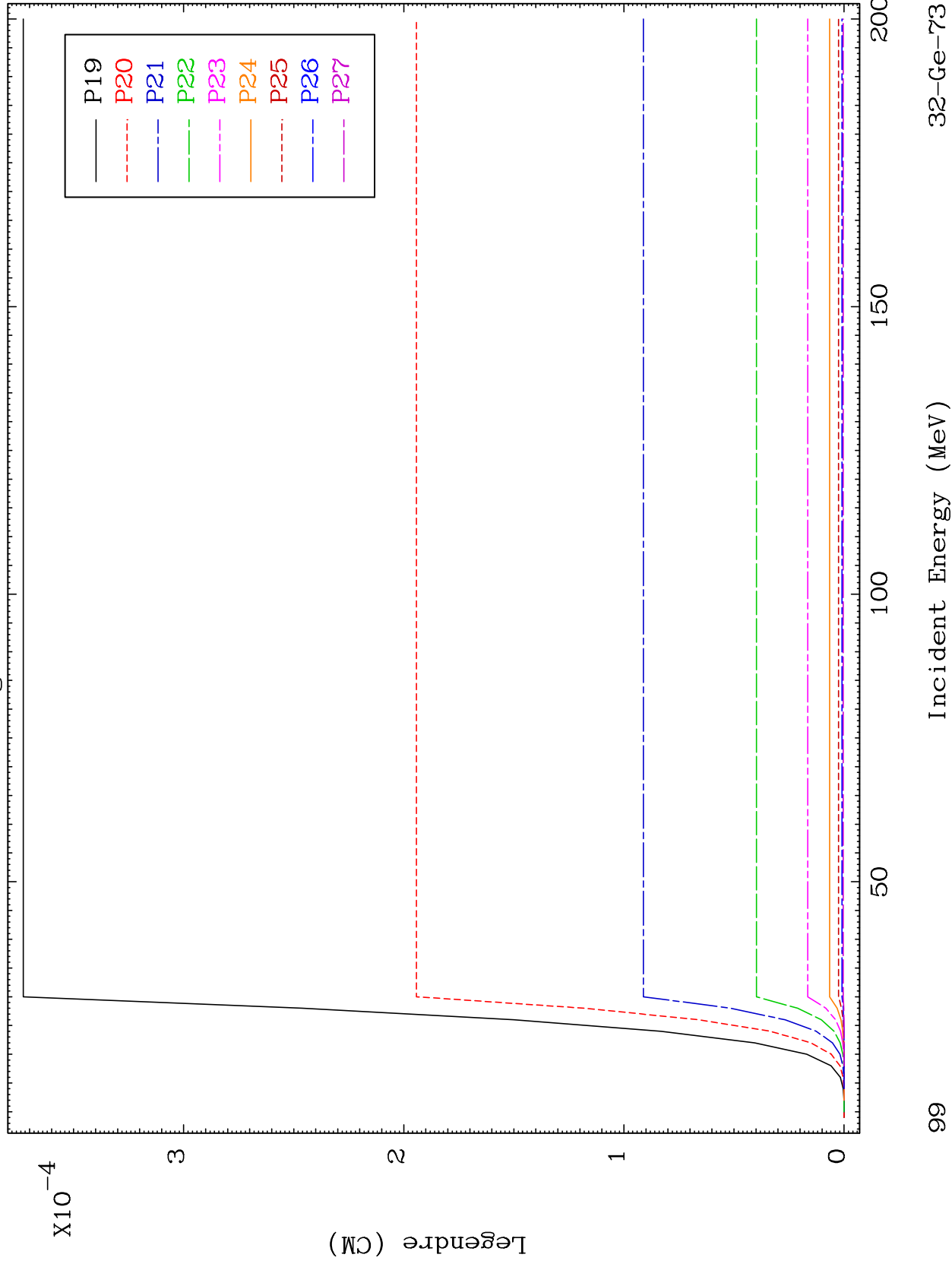
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

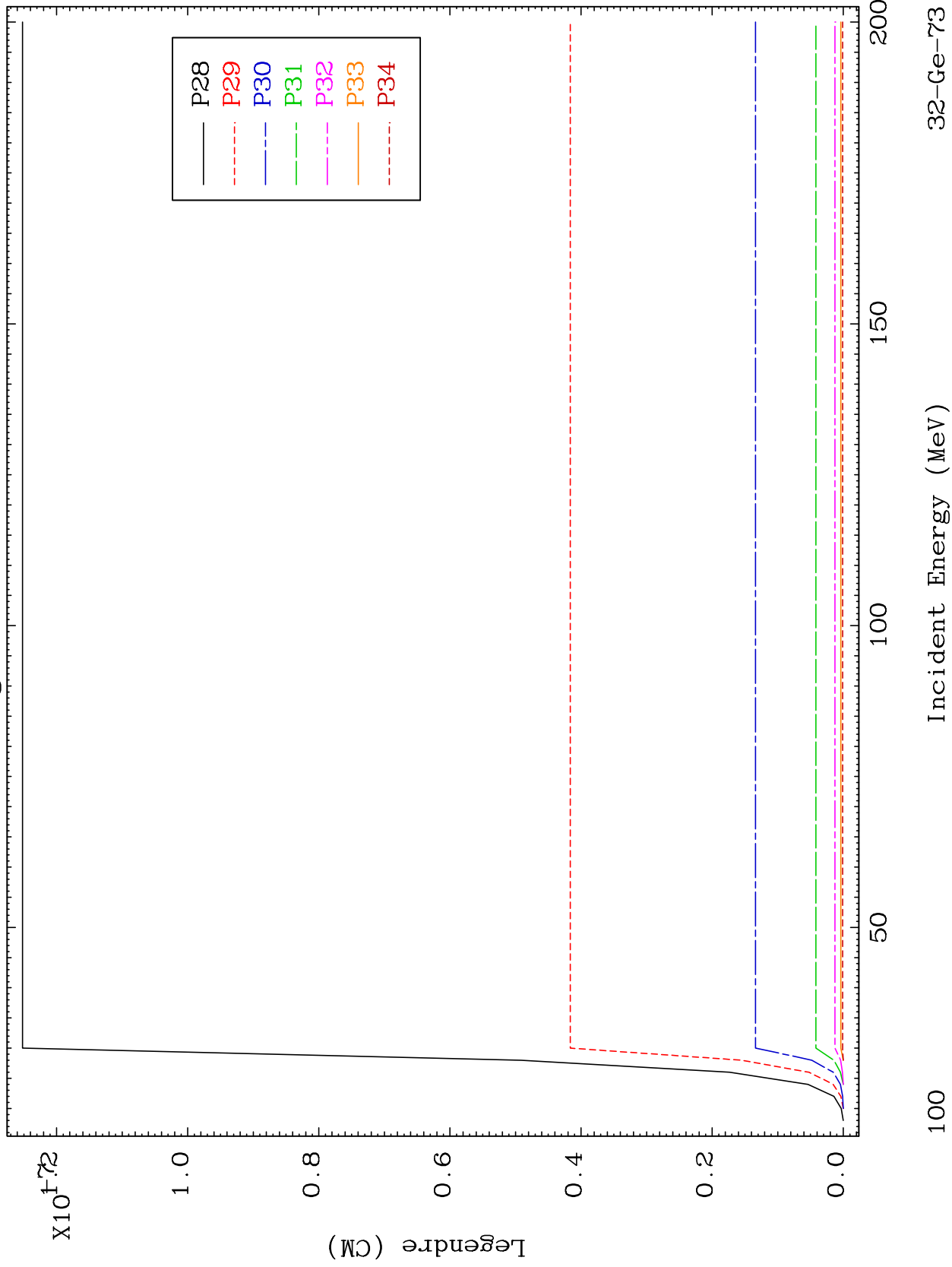
32-Ge-73

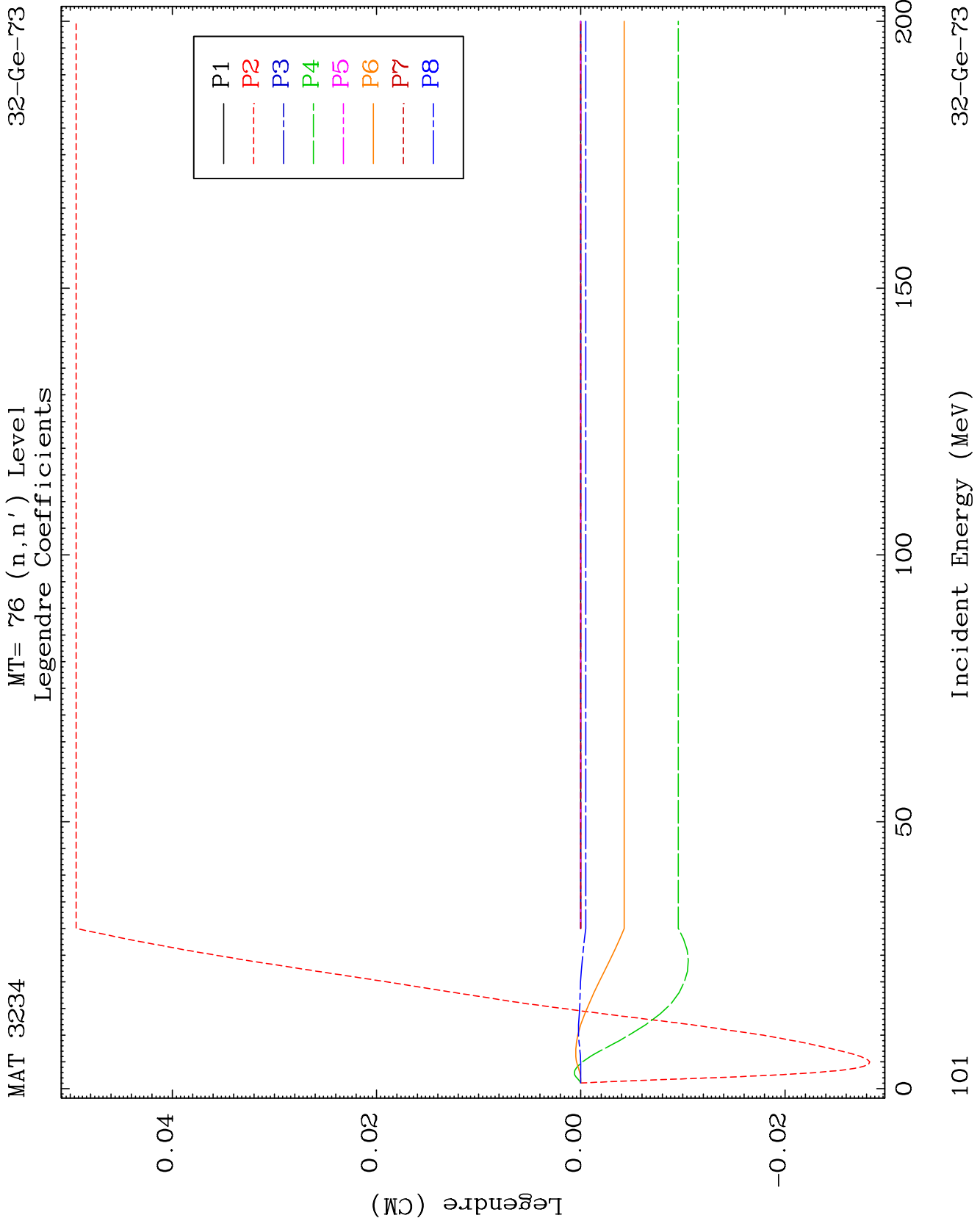


MAT 3234

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

32-Ge-73

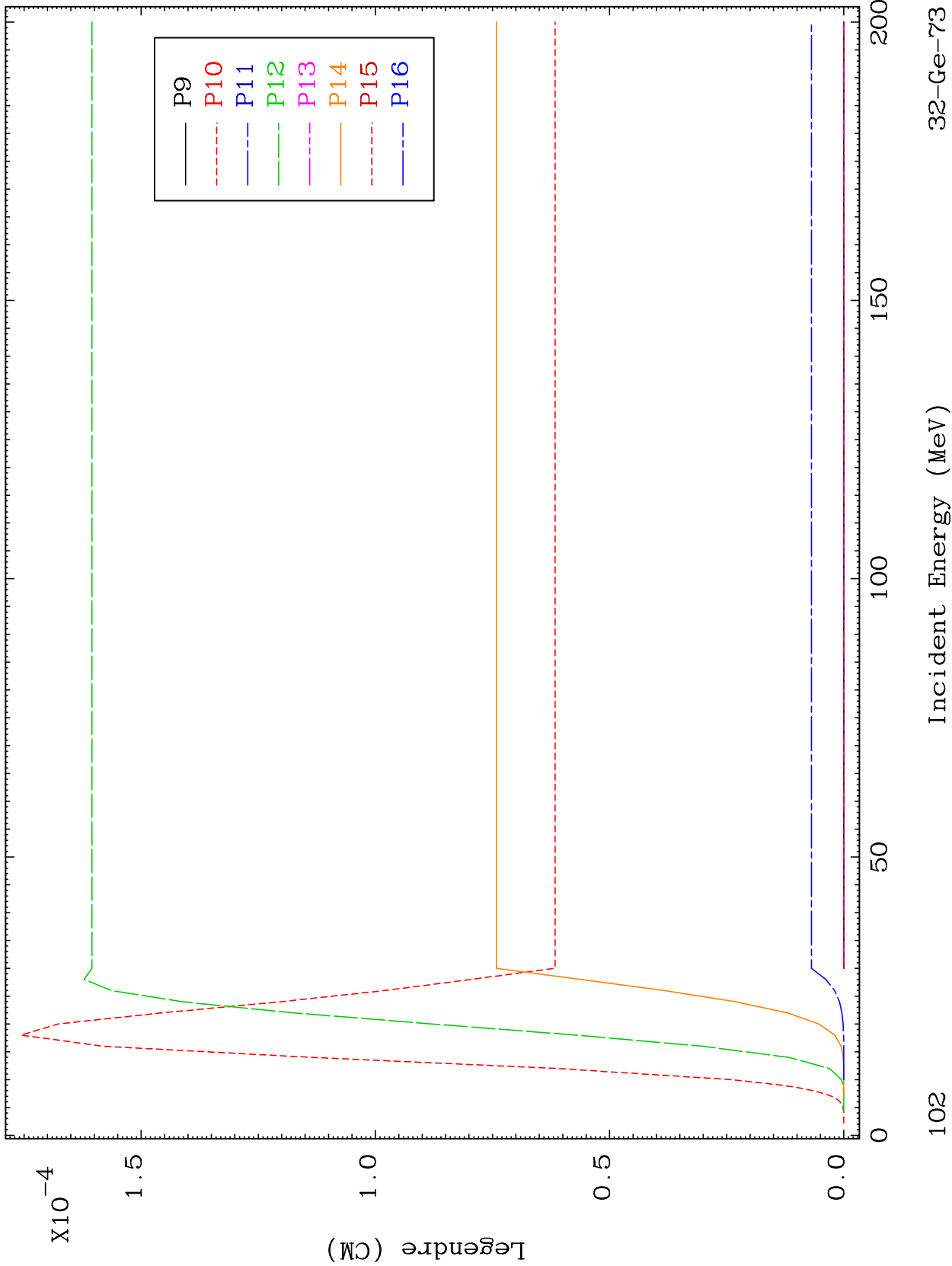




MAT 3234

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

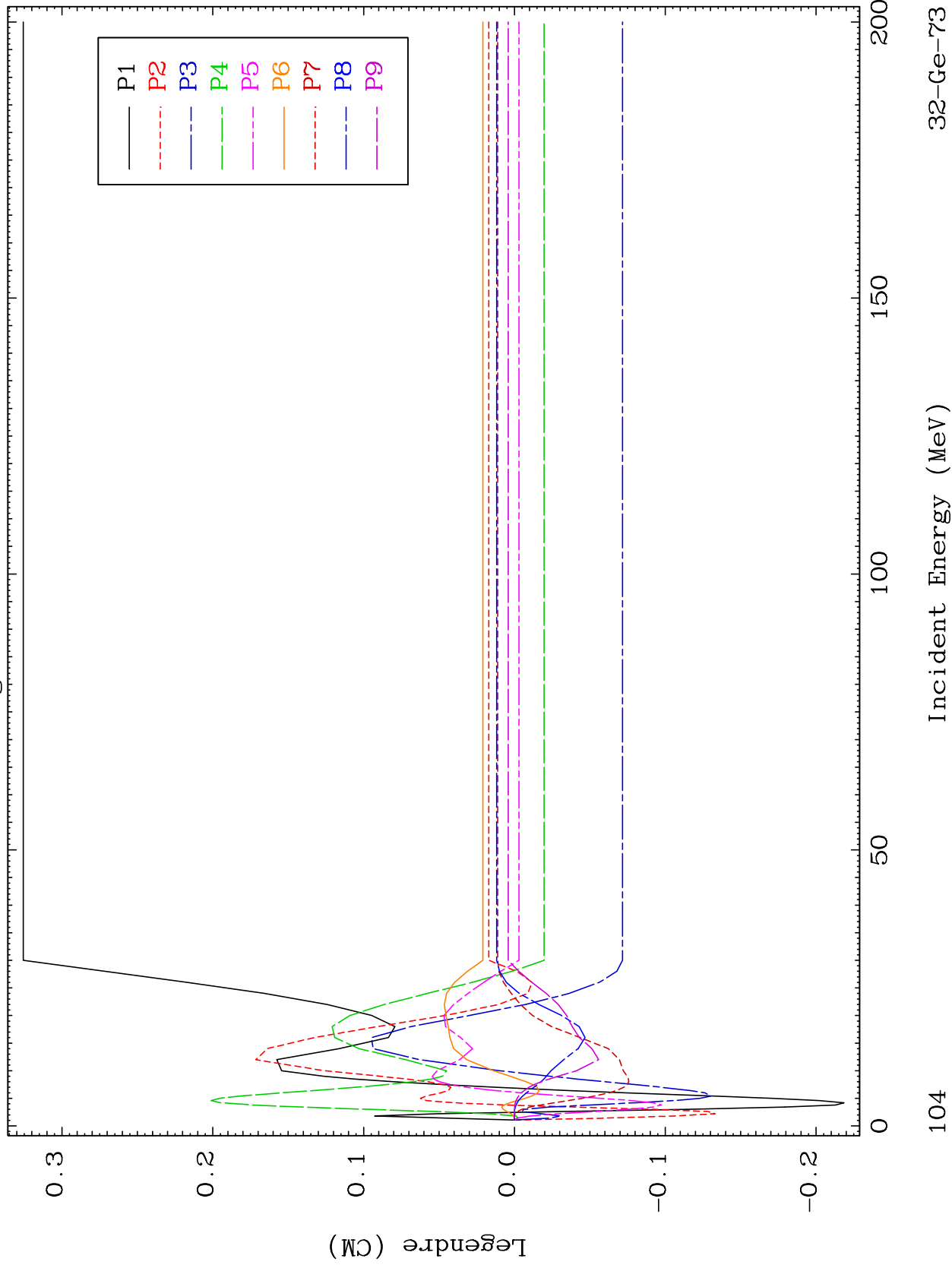
32-Ge-73



MAT 3234

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

32-Ge-73



32-Ge-73

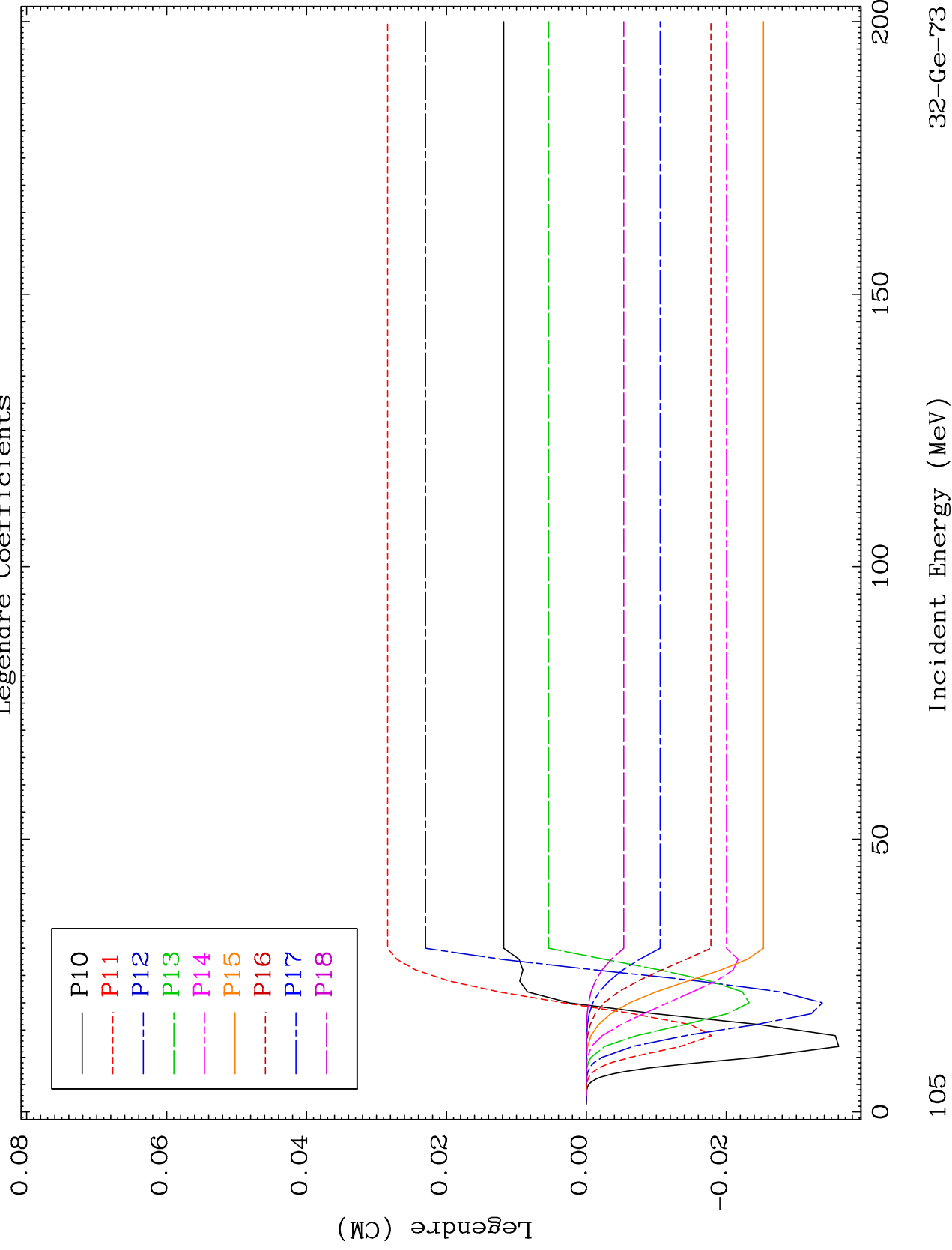
Incident Energy (MeV)

104

MAT 3234

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

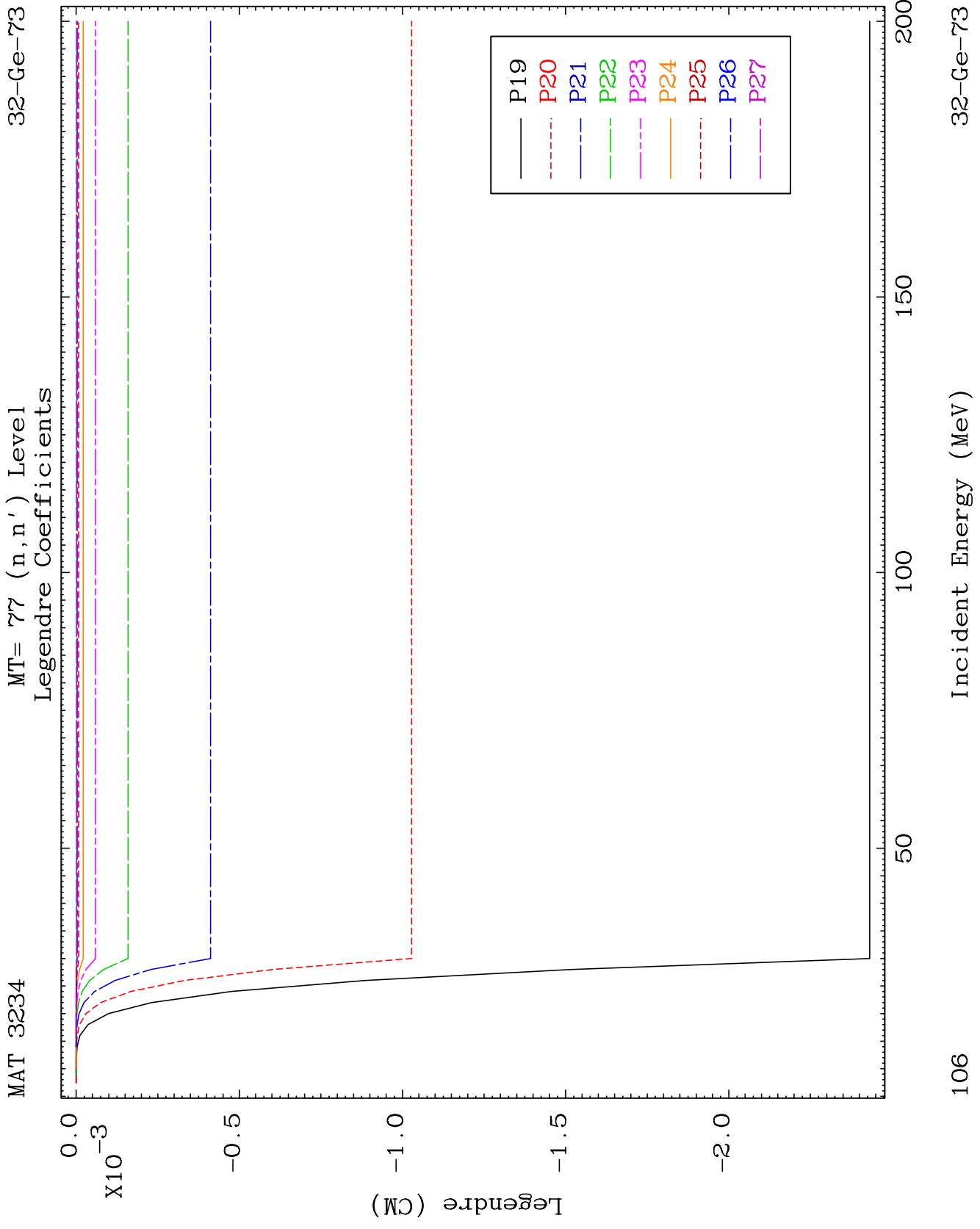
32-Ge-73

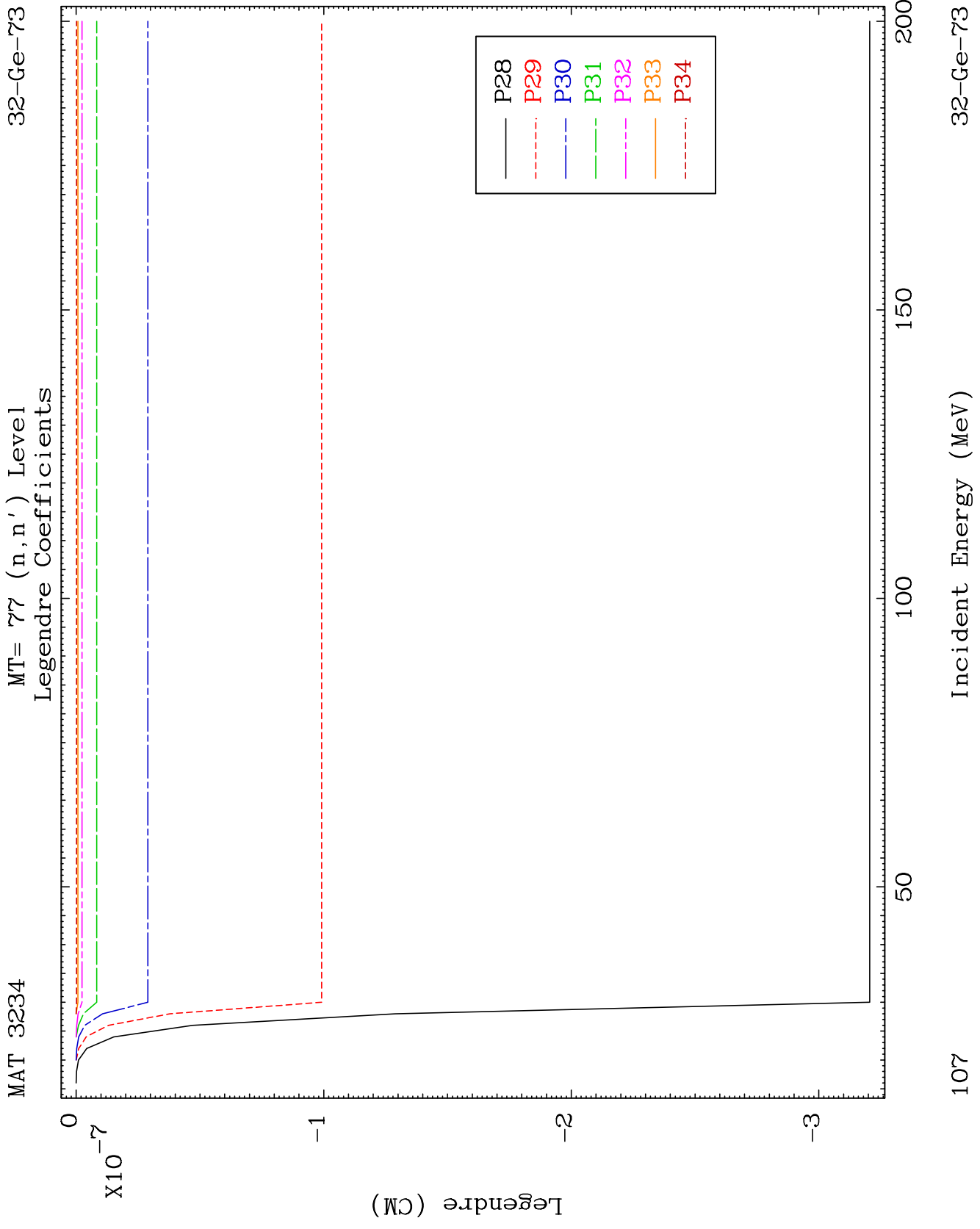


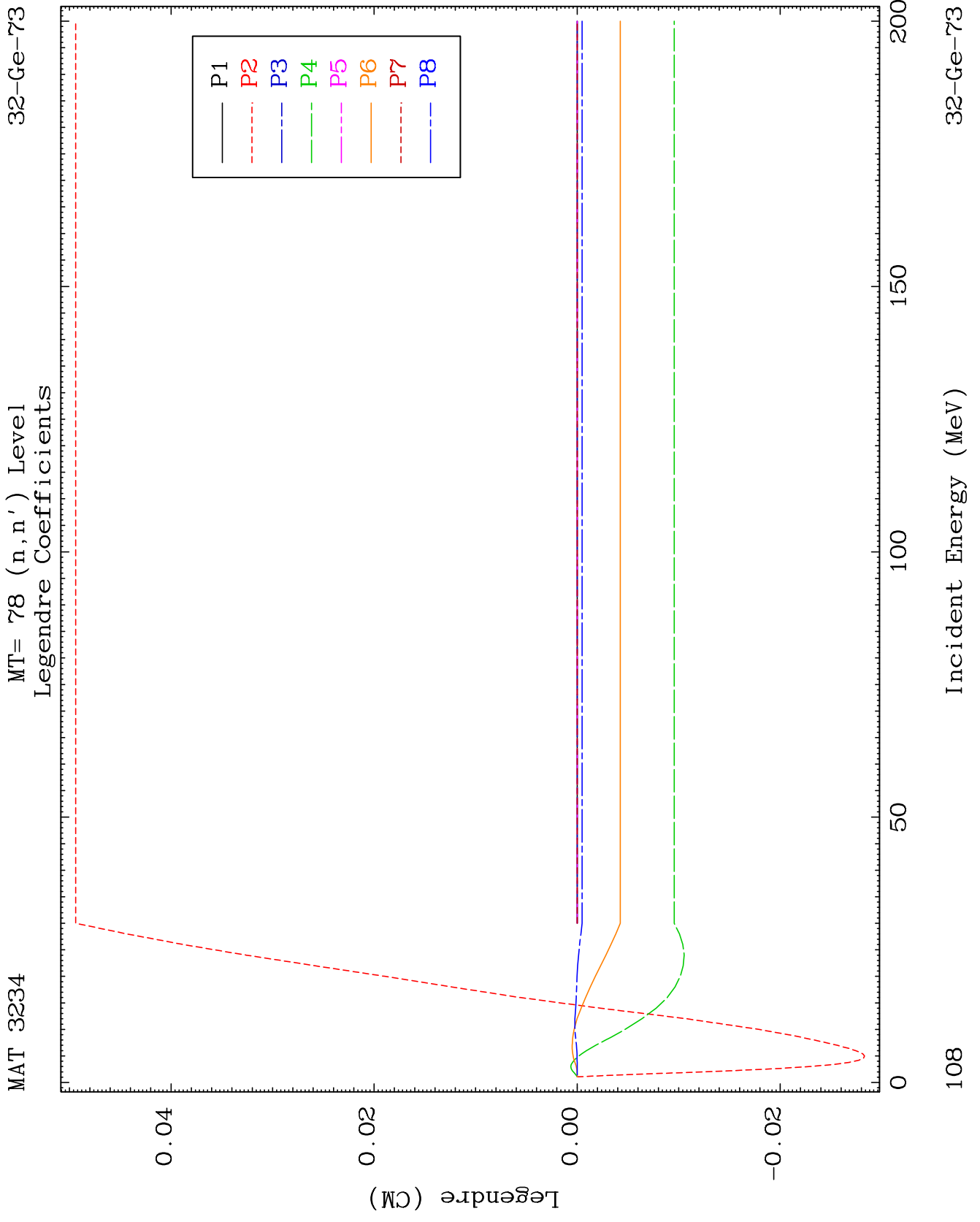
32-Ge-73

Incident Energy (MeV)

105



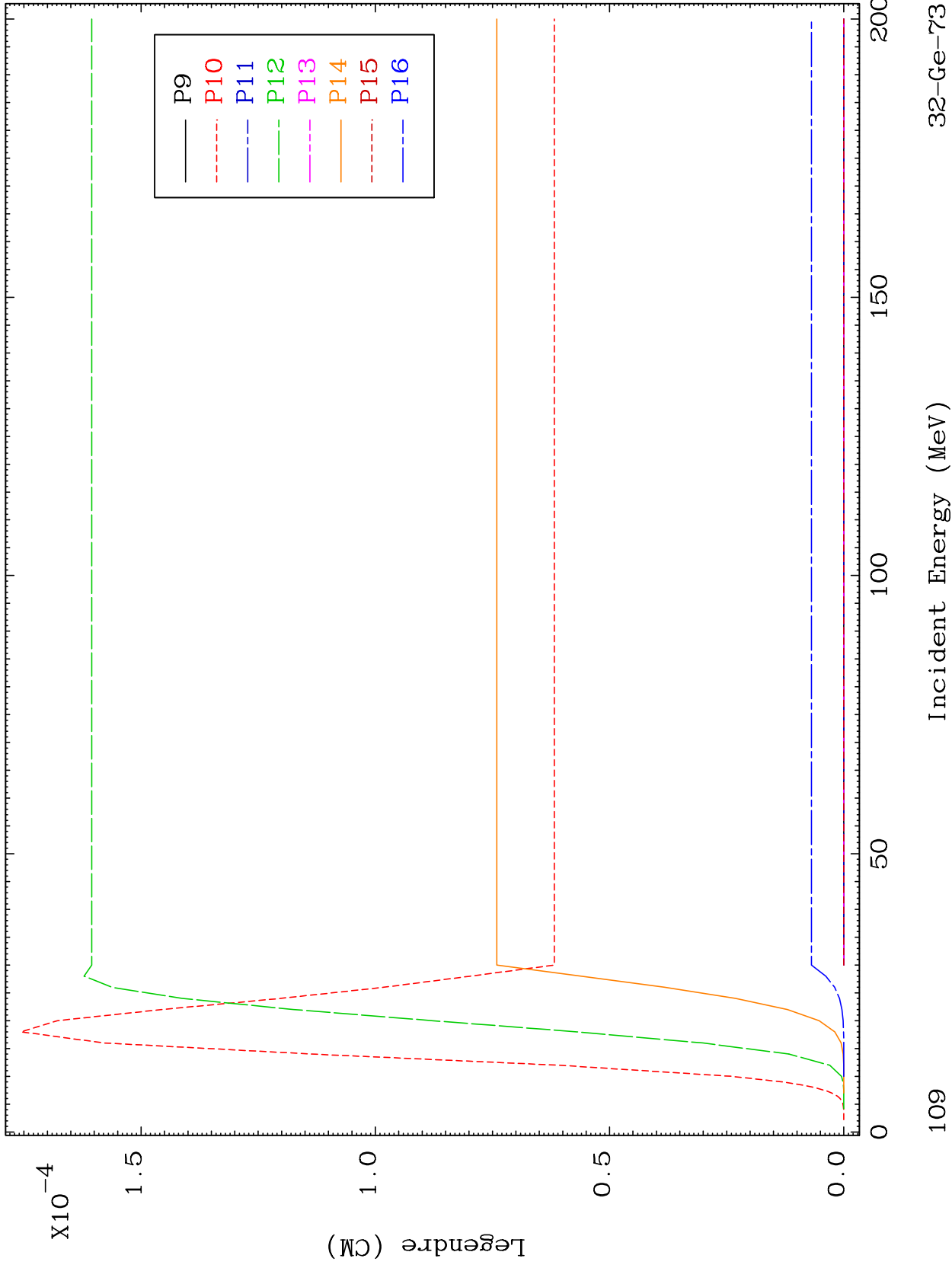




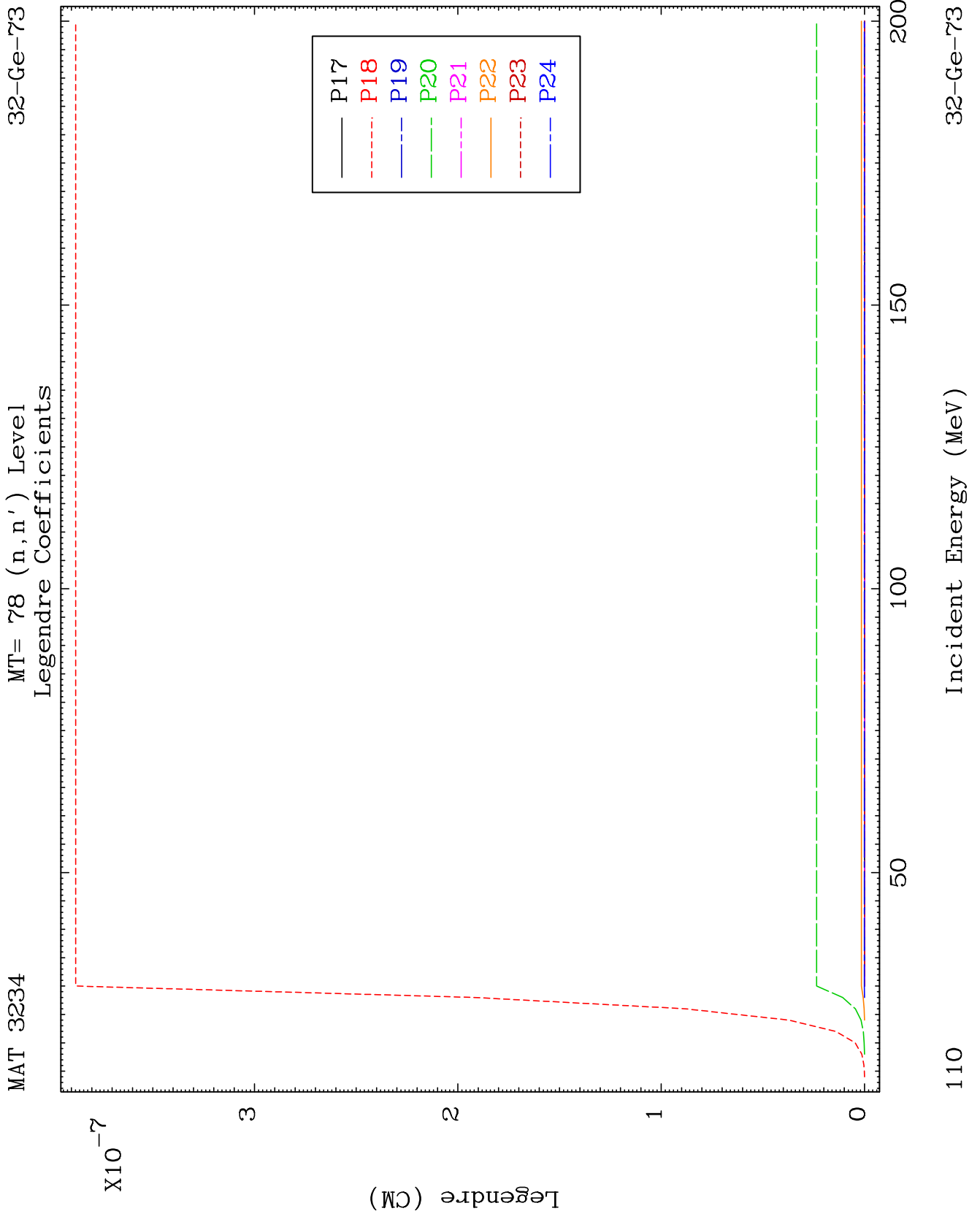
MAT 3234

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

32-Ge-73



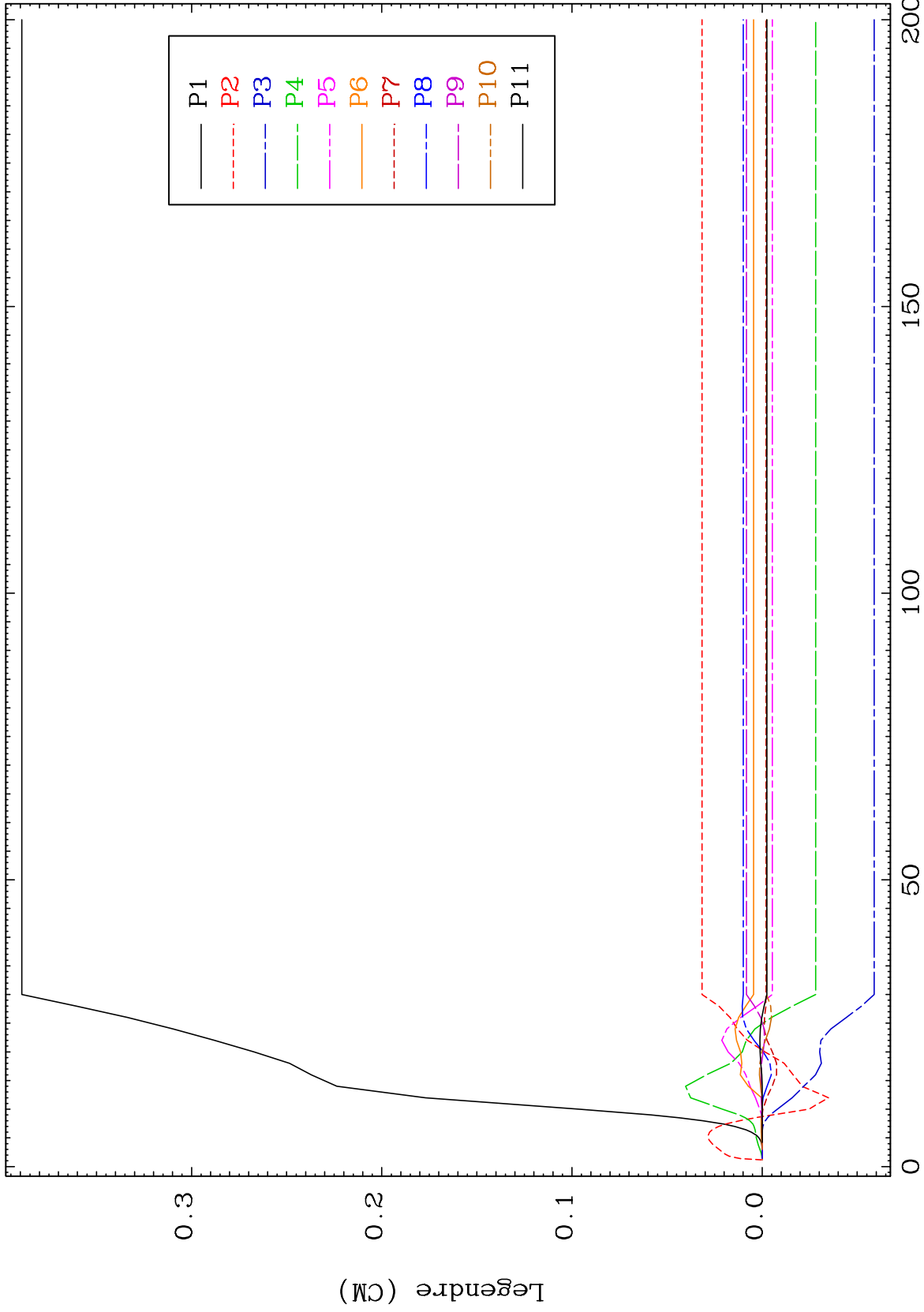
109



MAT 3234

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

32-Ge-73



111

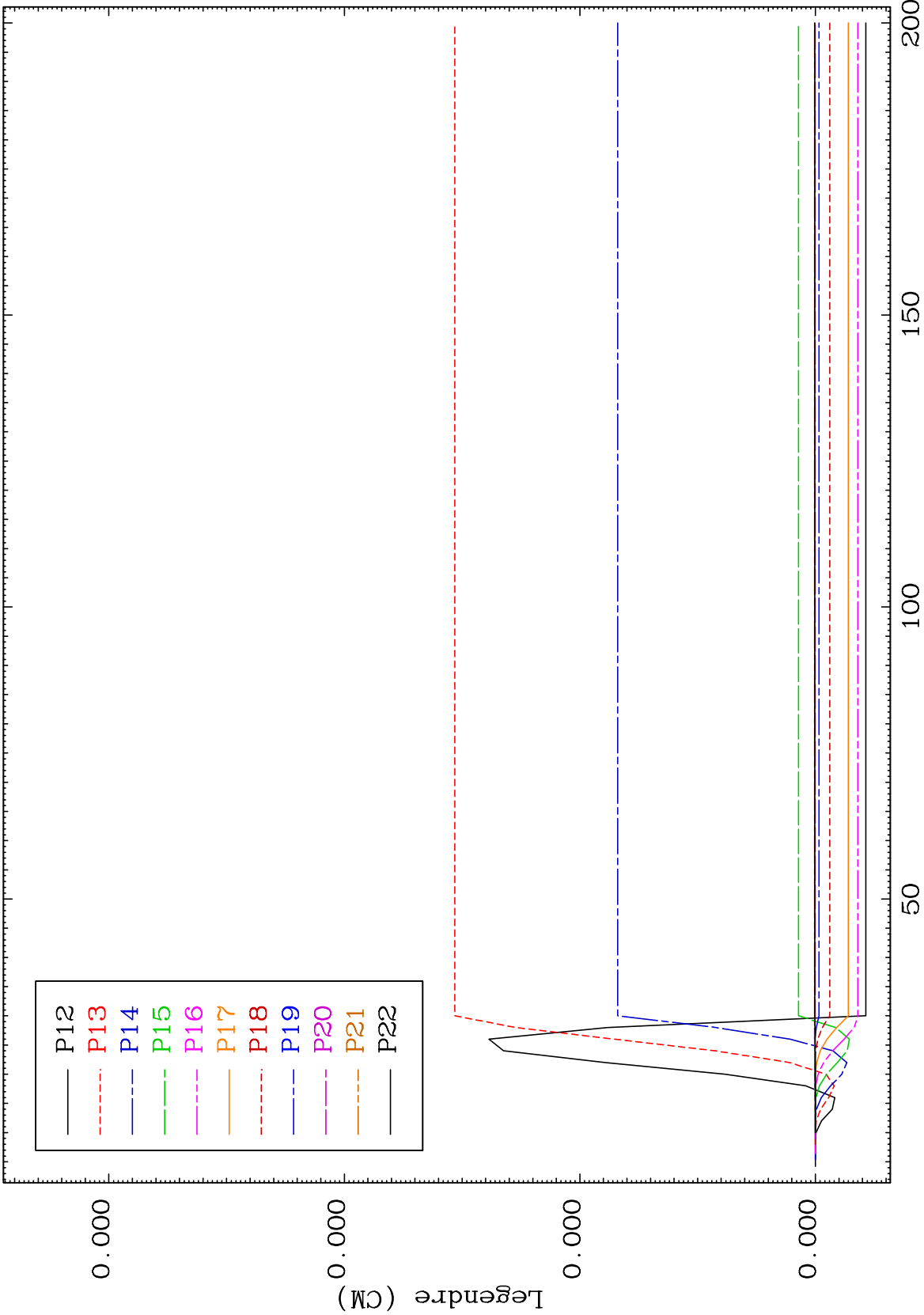
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



112

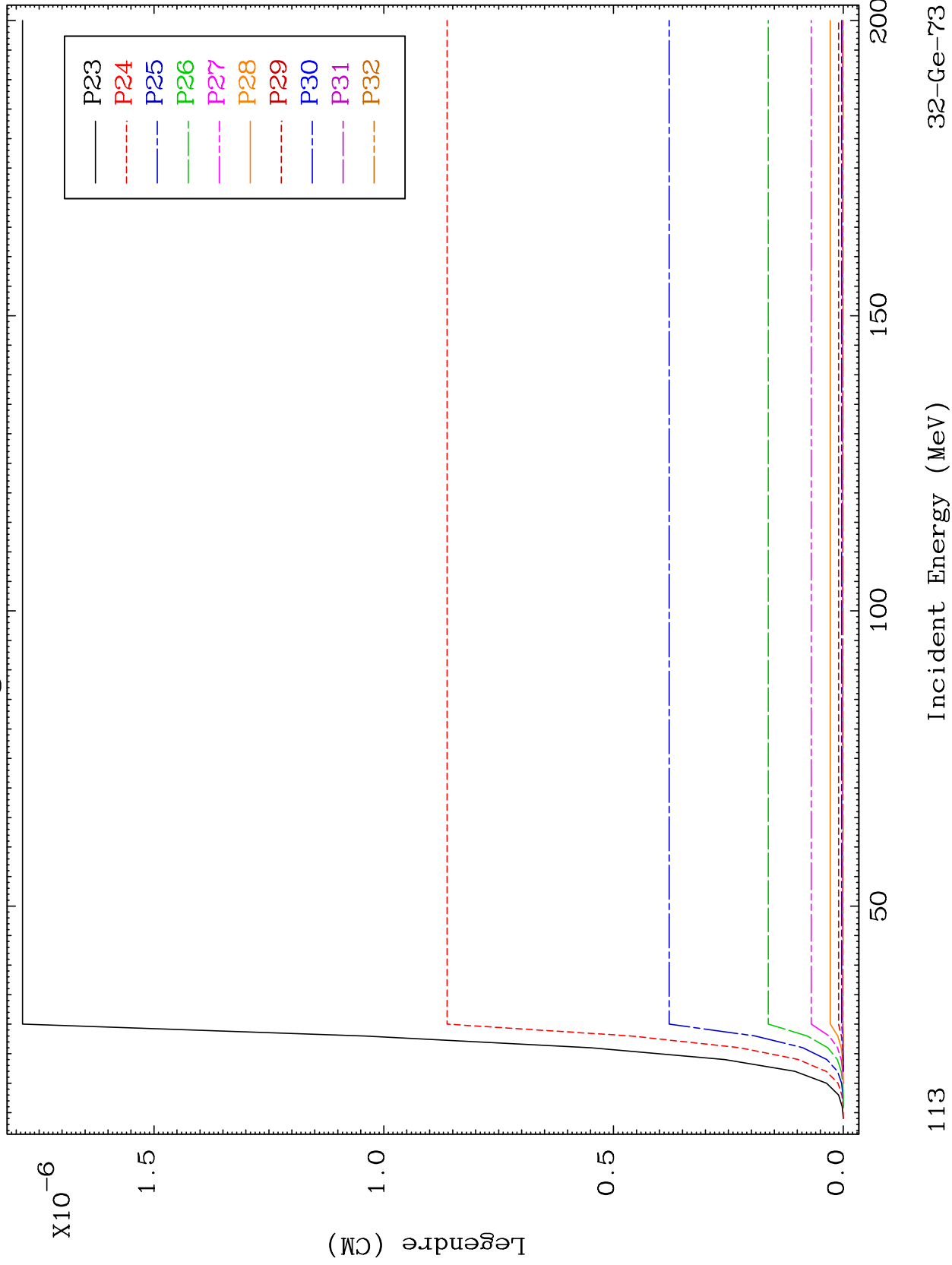
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



113

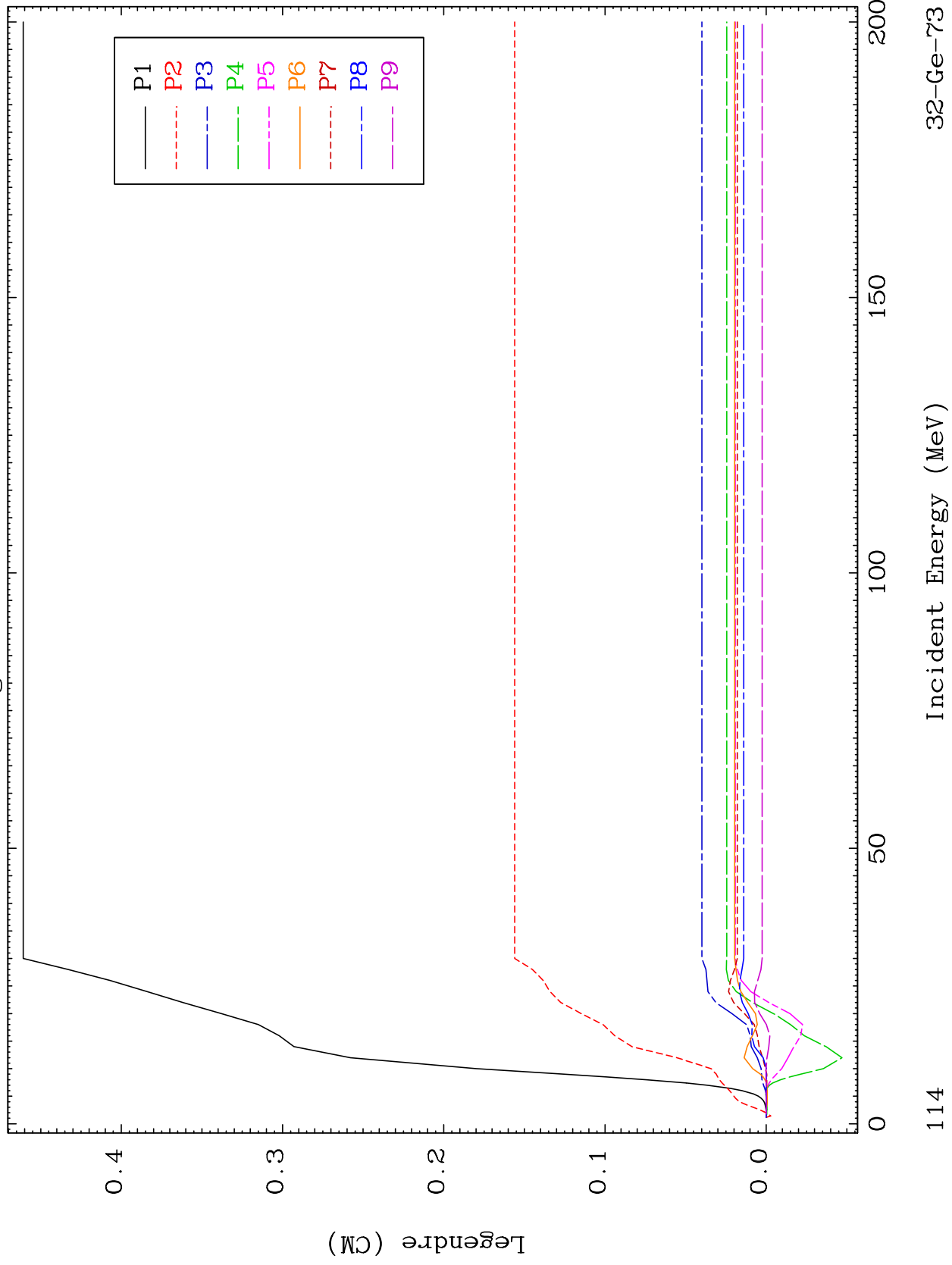
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

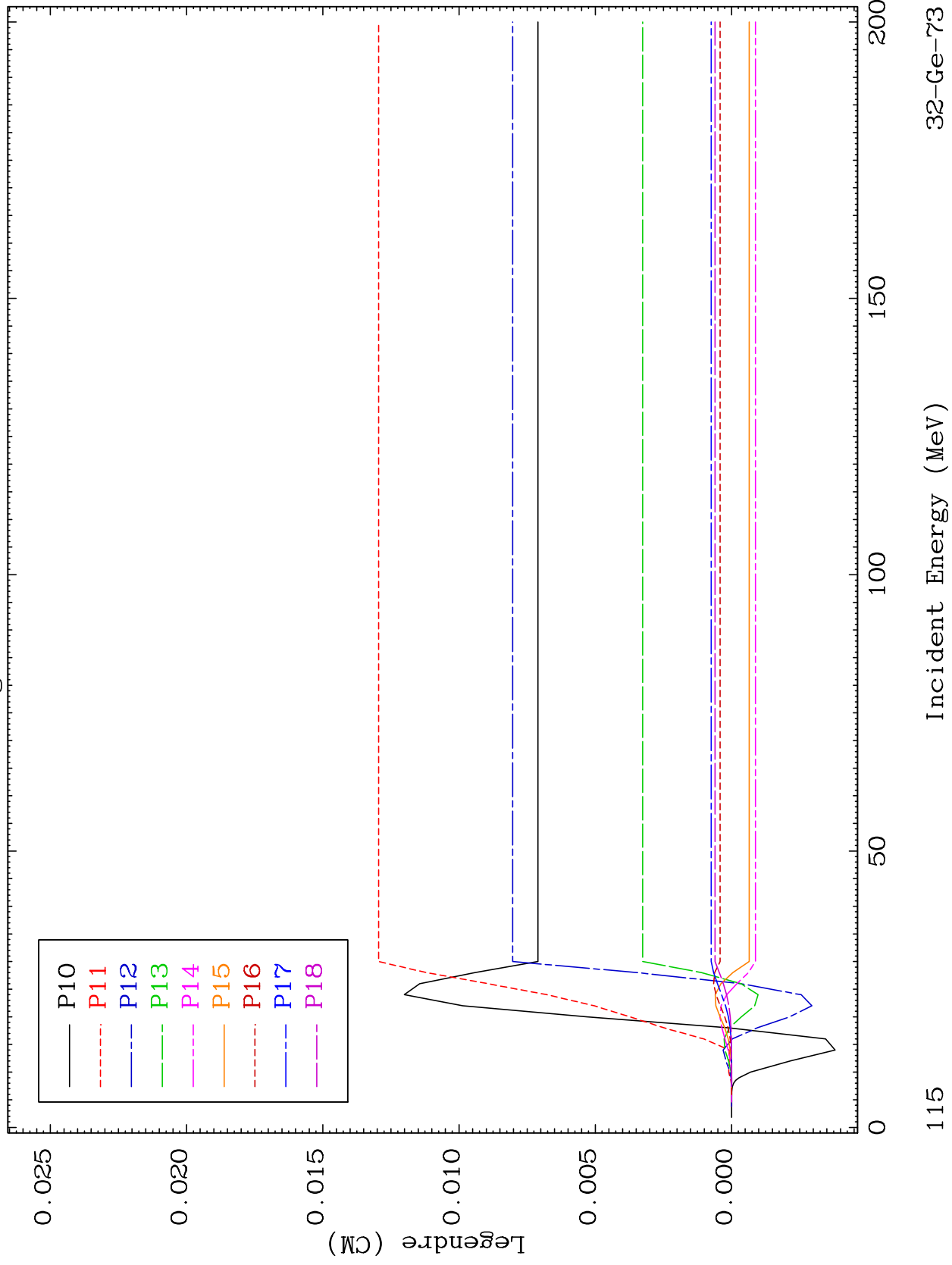
32-Ge-73



MAT 3234

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

32-Ge-73



32-Ge-73

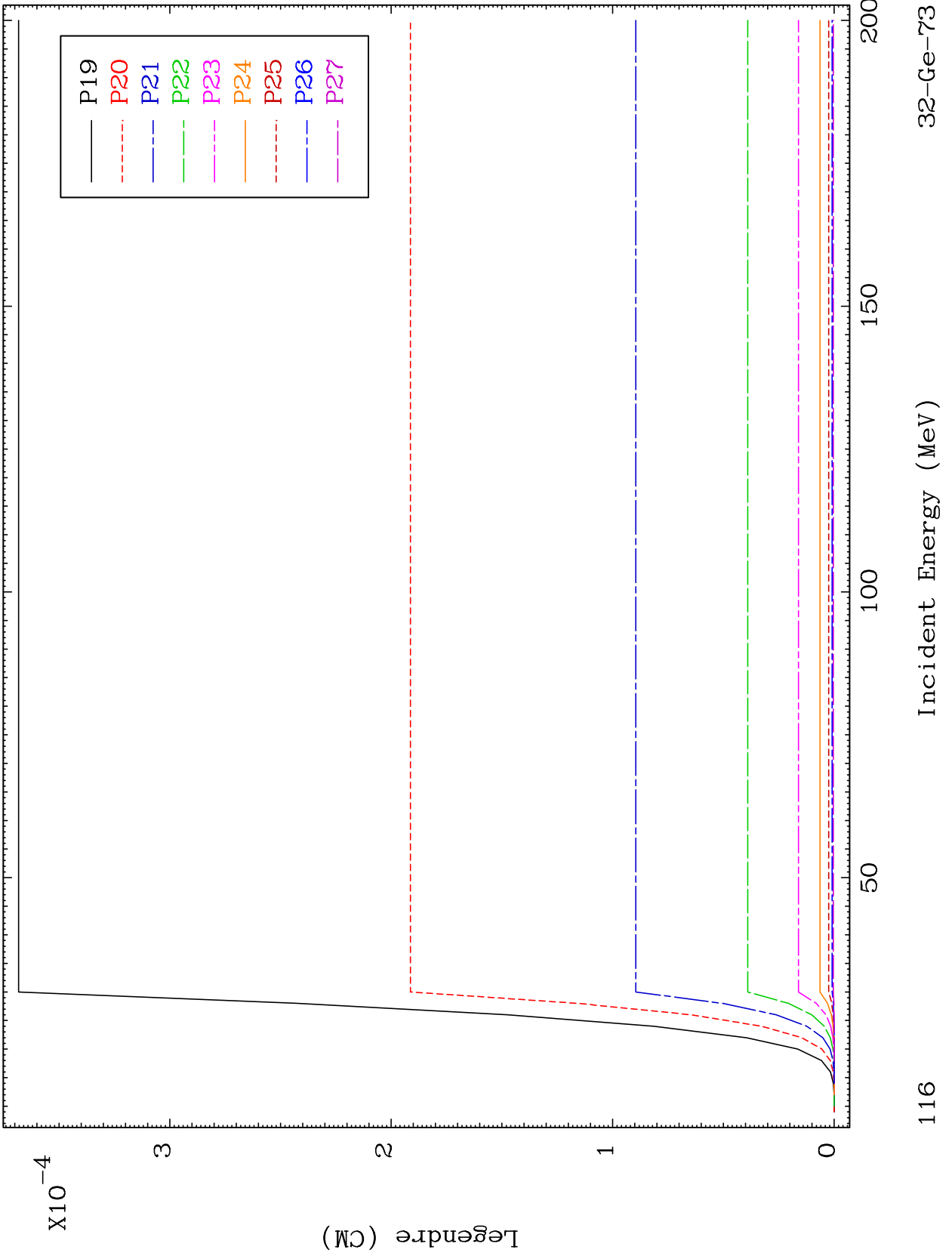
Incident Energy (MeV)

115

MAT 3234

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

32-Ge-73



116

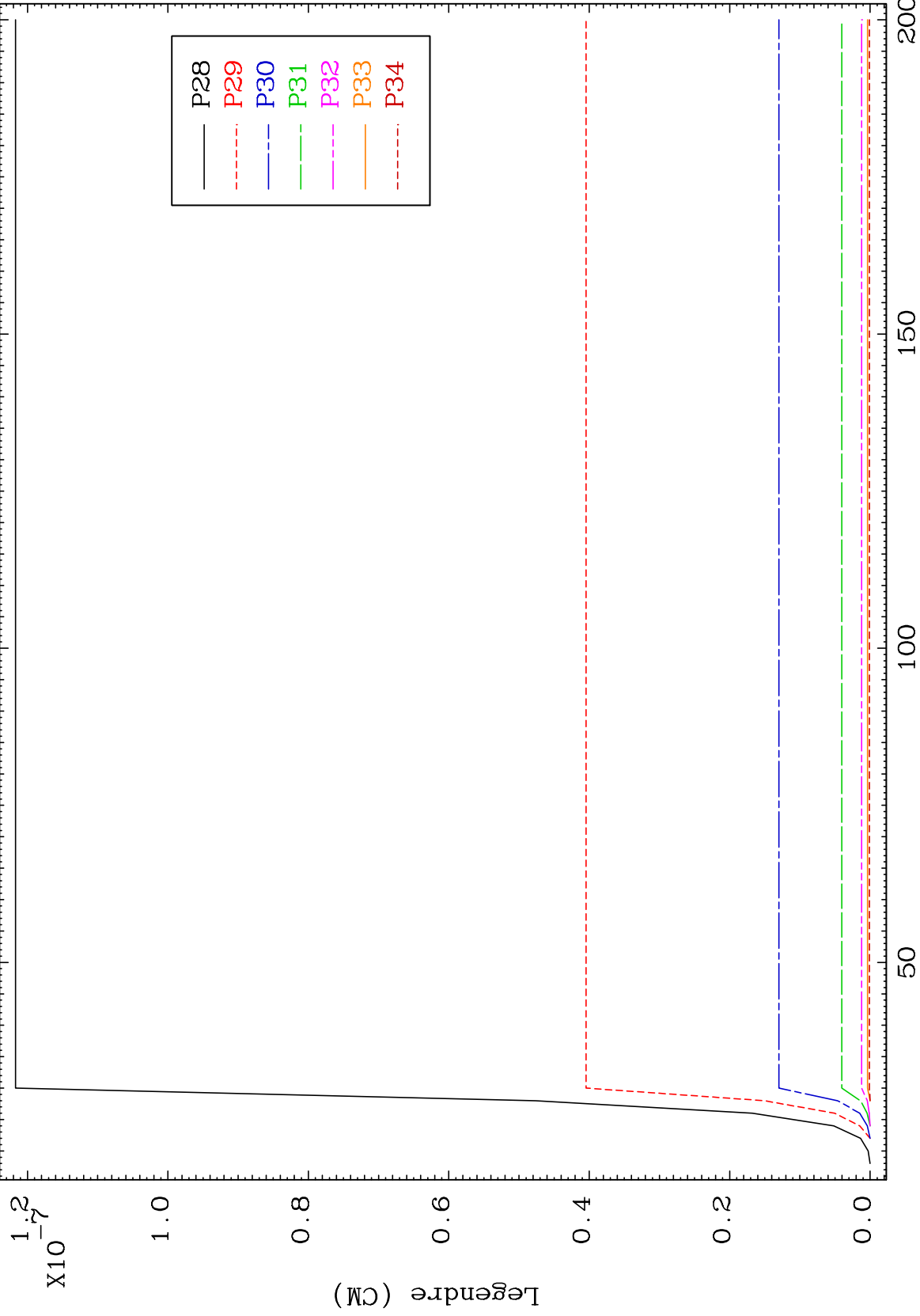
Incident Energy (MeV)

32-Ge-73

MAT 3234

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

32-Ge-73



117

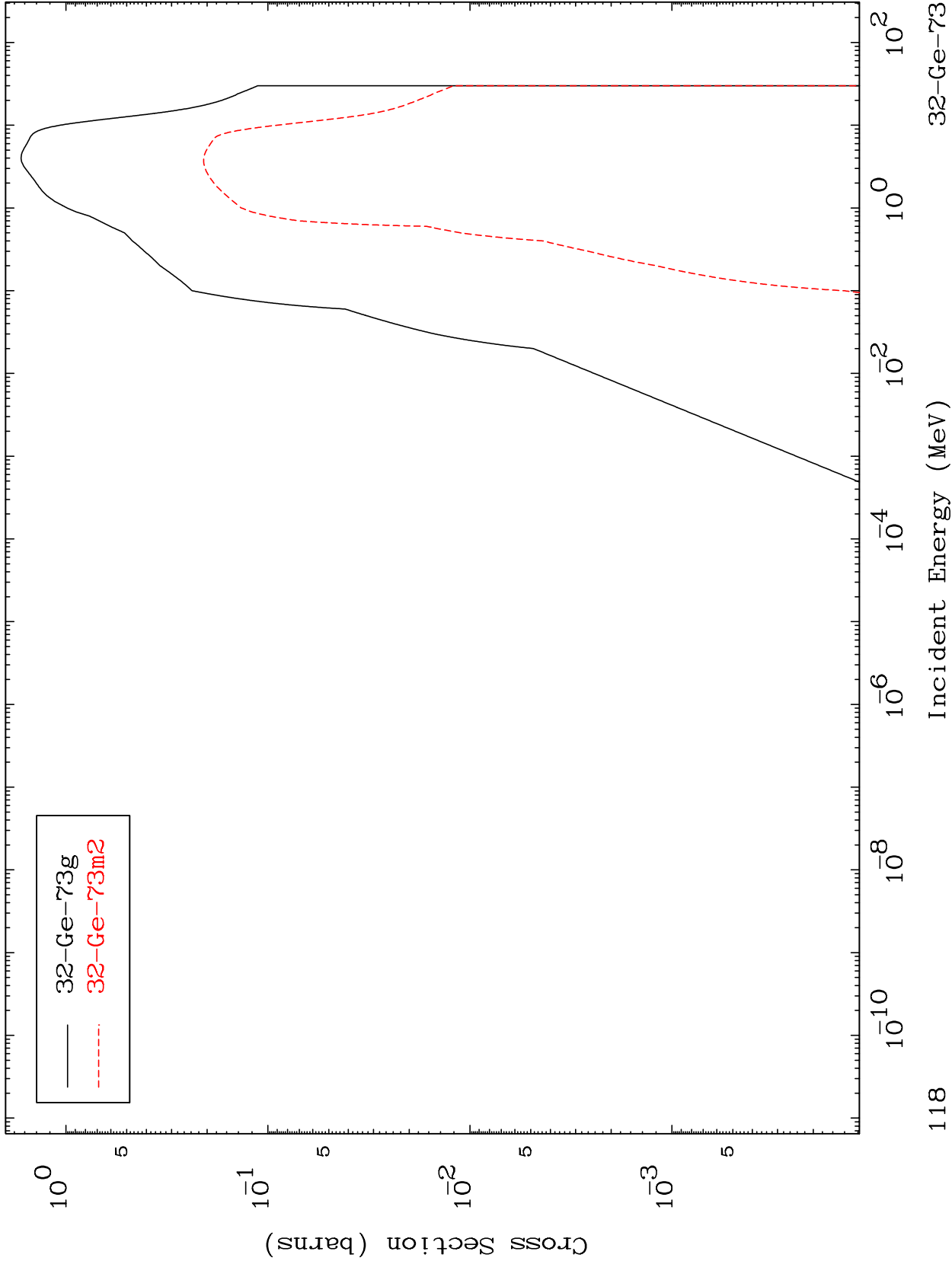
Incident Energy (MeV)

32-Ge-73

MAT 3234

Inelastic
Radionuclide Production Cross Section

³²Ge-73

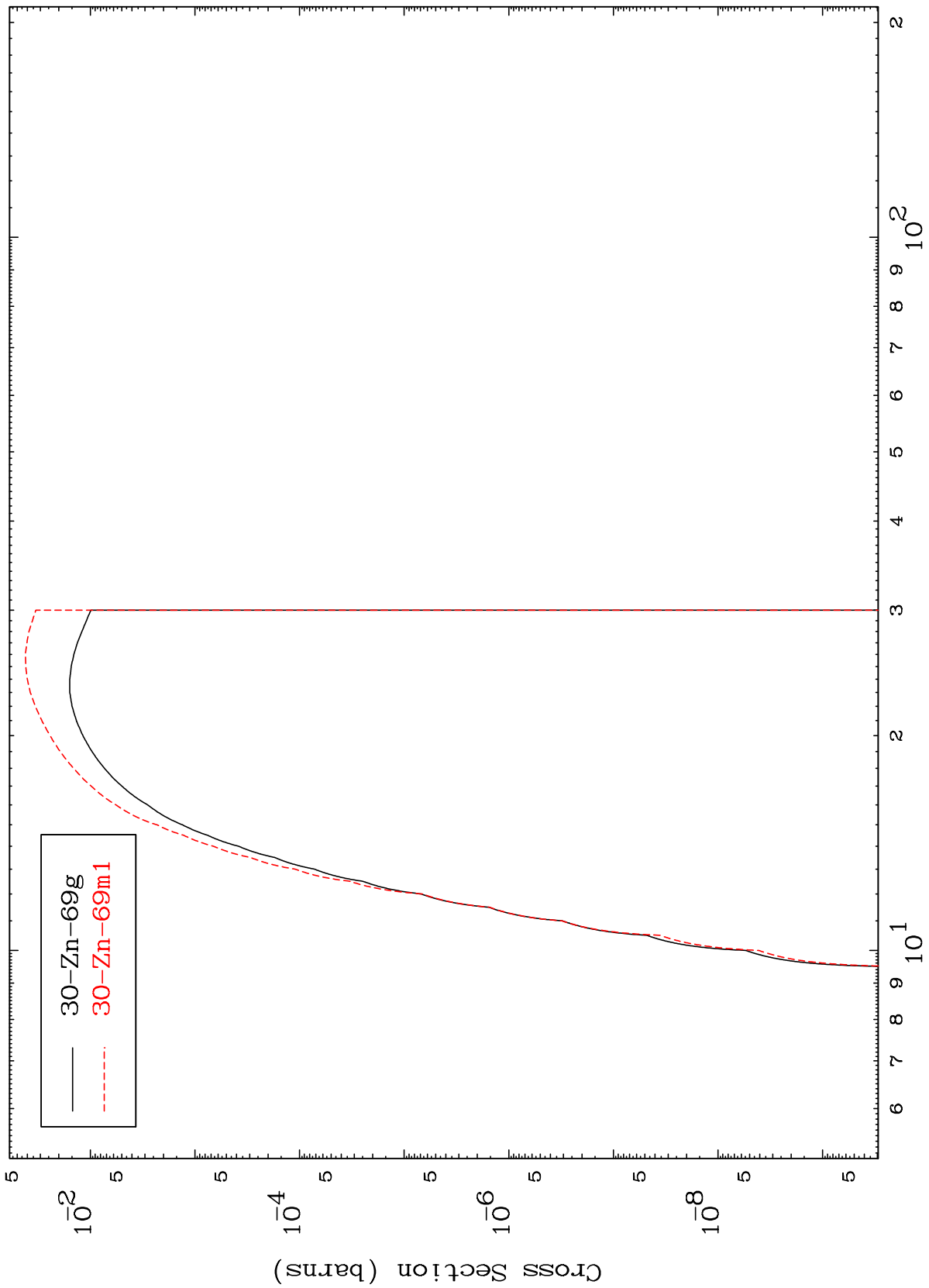


MAT 3234

$(n, n') \alpha$

$^{32}\text{Ge-73}$

Radionuclide Production Cross Section



119

Incident Energy (MeV)

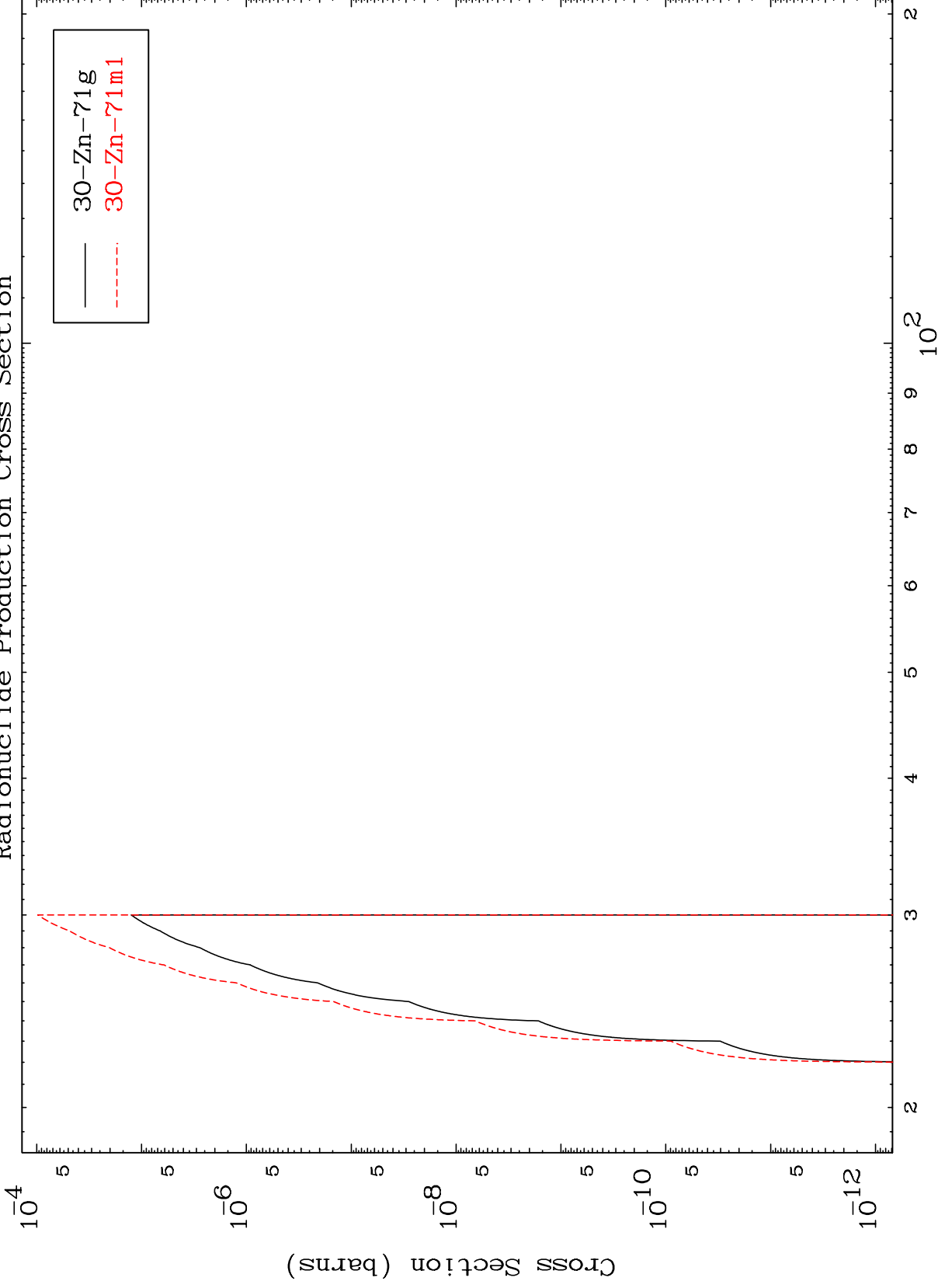
$^{32}\text{Ge-73}$

MAT 3234

(n,2n) p

32-Ge-73

Radionuclide Production Cross Section

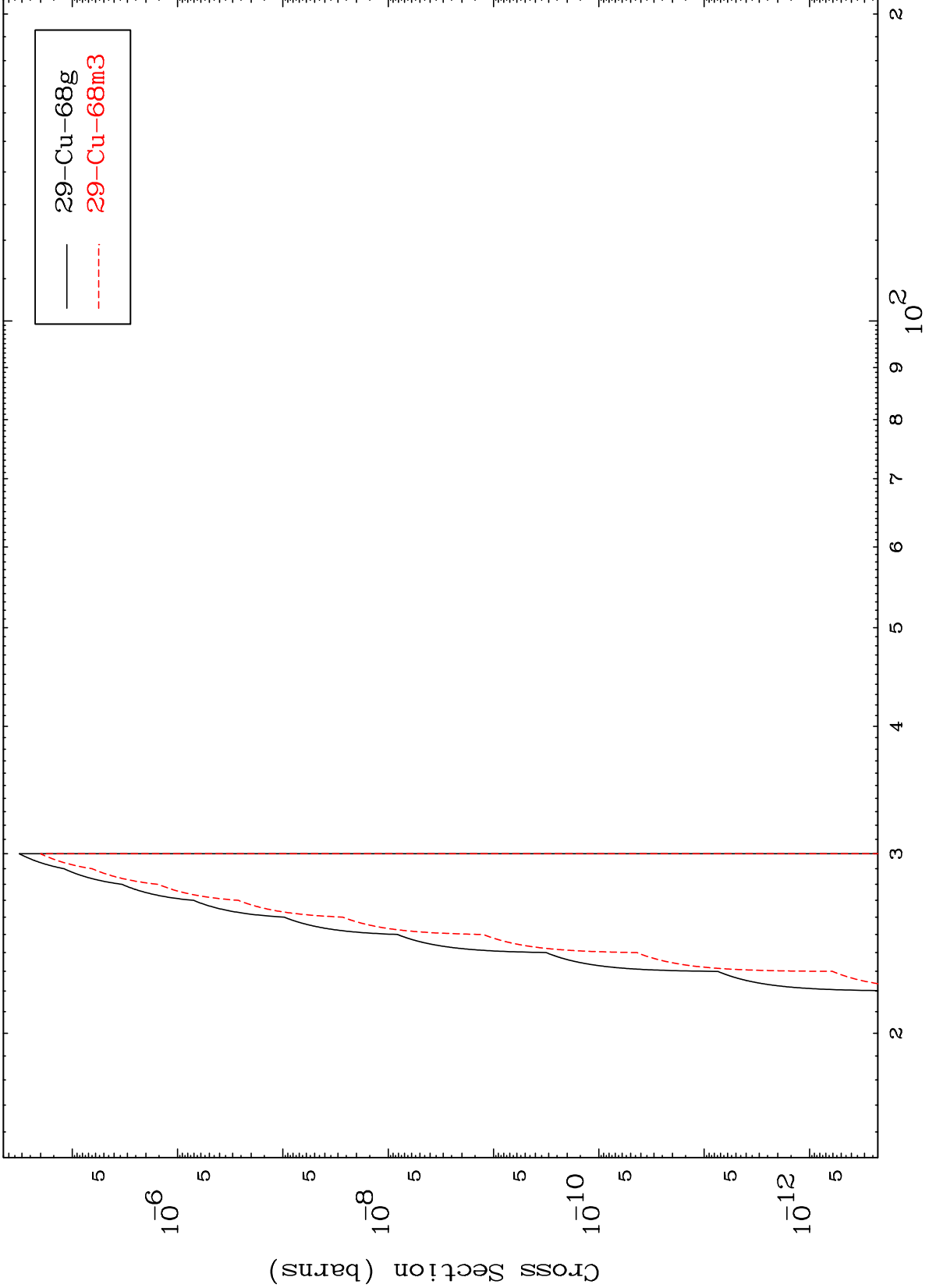


120

Incident Energy (MeV)

32-Ge-73

Radionuclide Production Cross Section



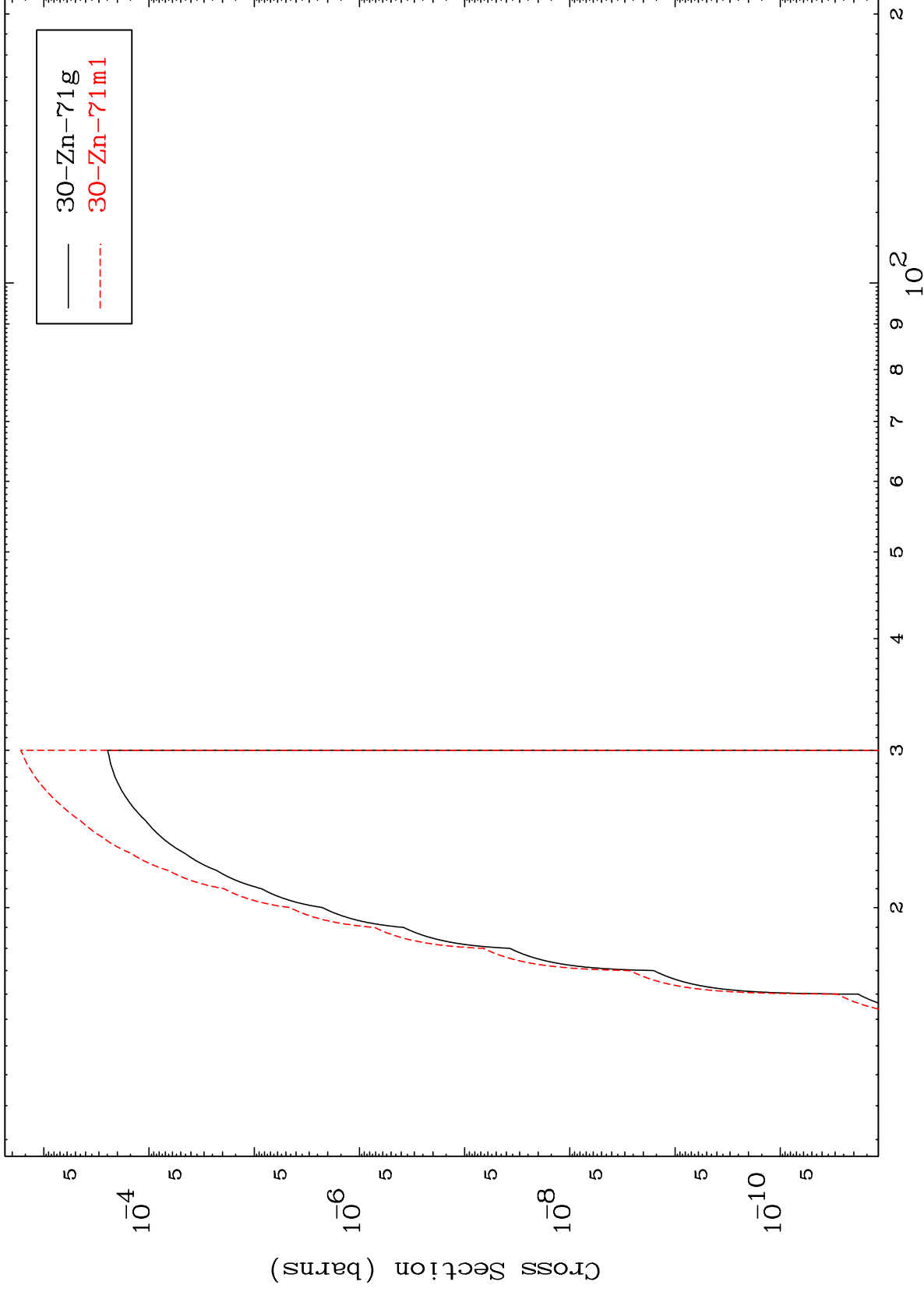
— 29-Cu-68g
- - - 29-Cu-68m3

MAT 3234

(n,He-3)

32-Ge-73

Radionuclide Production Cross Section

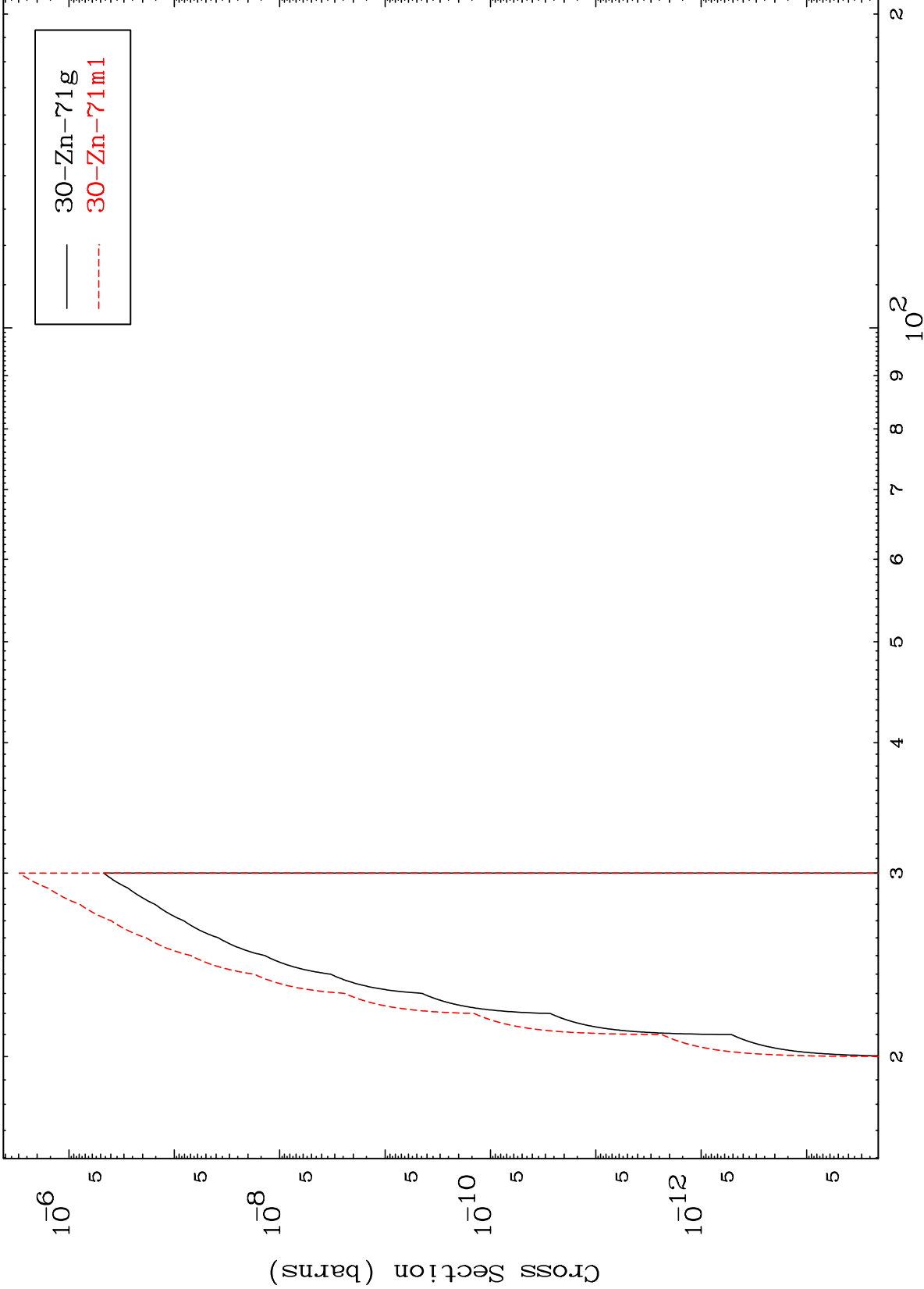


122

Incident Energy (MeV)

32-Ge-73

Radionuclide Production Cross Section



Radionuclide Production Cross Section

