

Program EVALPLOT
(Version 2021-1)

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

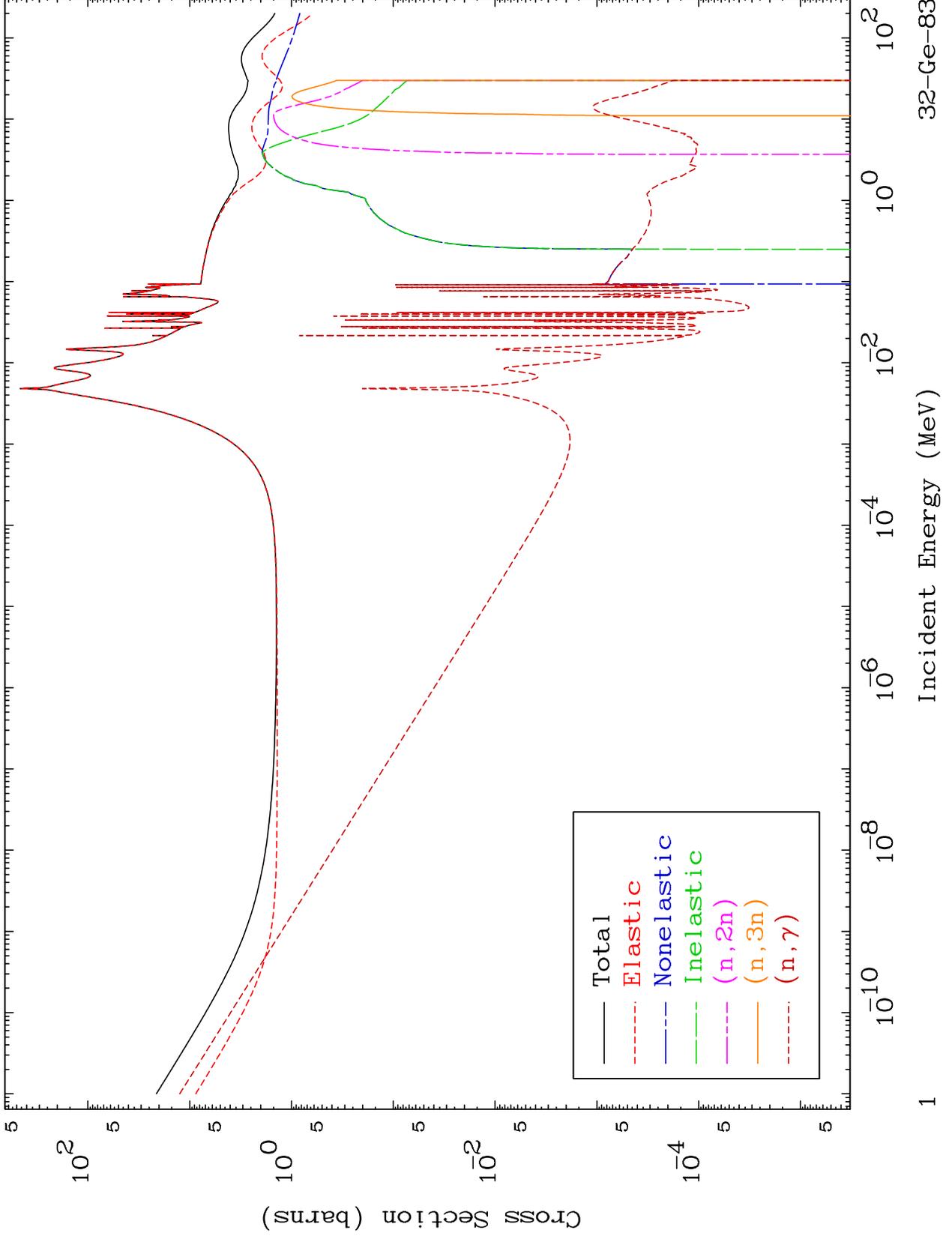
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3264

Neutron Major
293 Kelvin Cross Sections

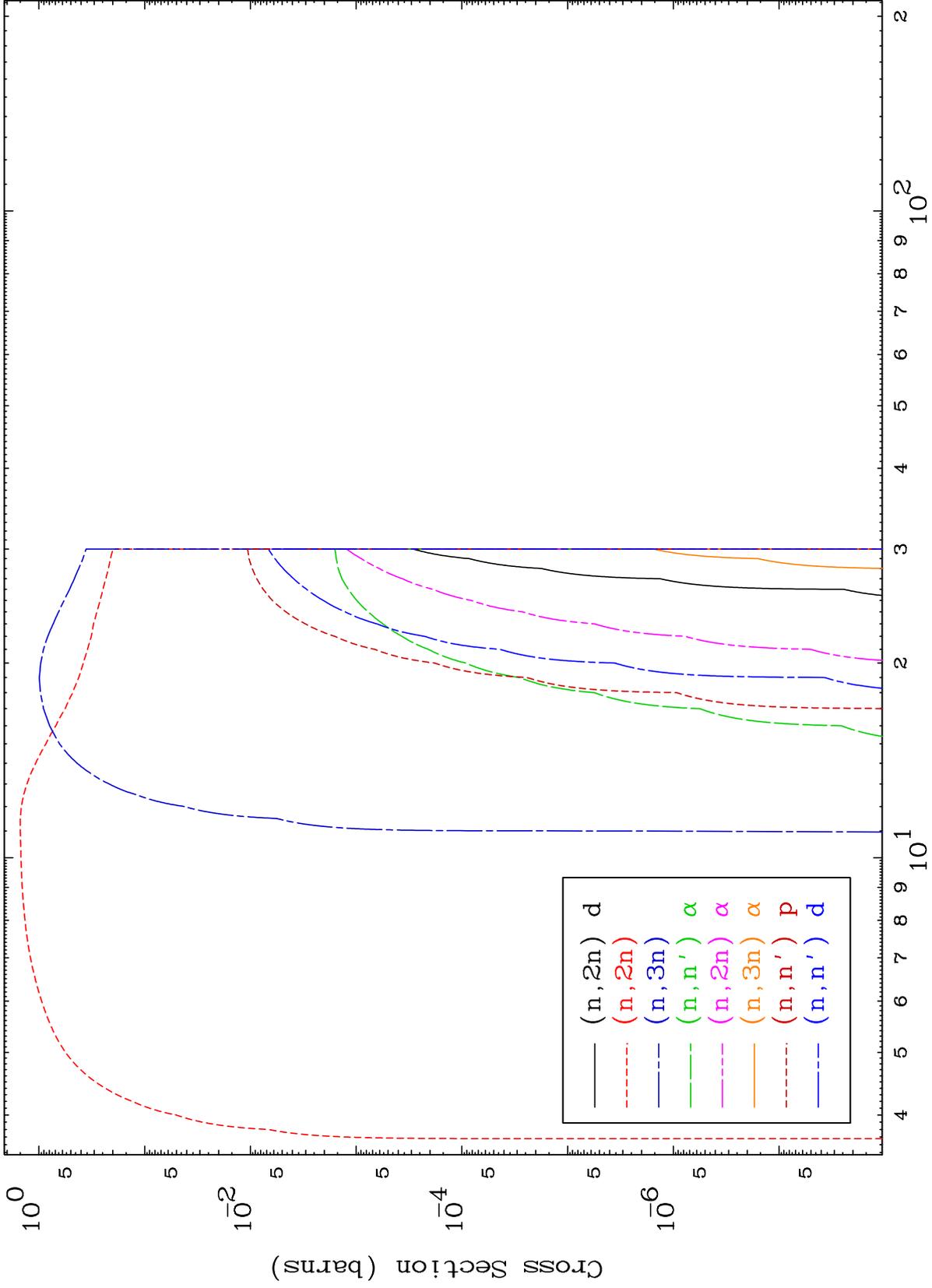
32-Ge-83



MAT 3264

Neutron Absorption
293 Kelvin Cross Sections

32-Ge-83



2

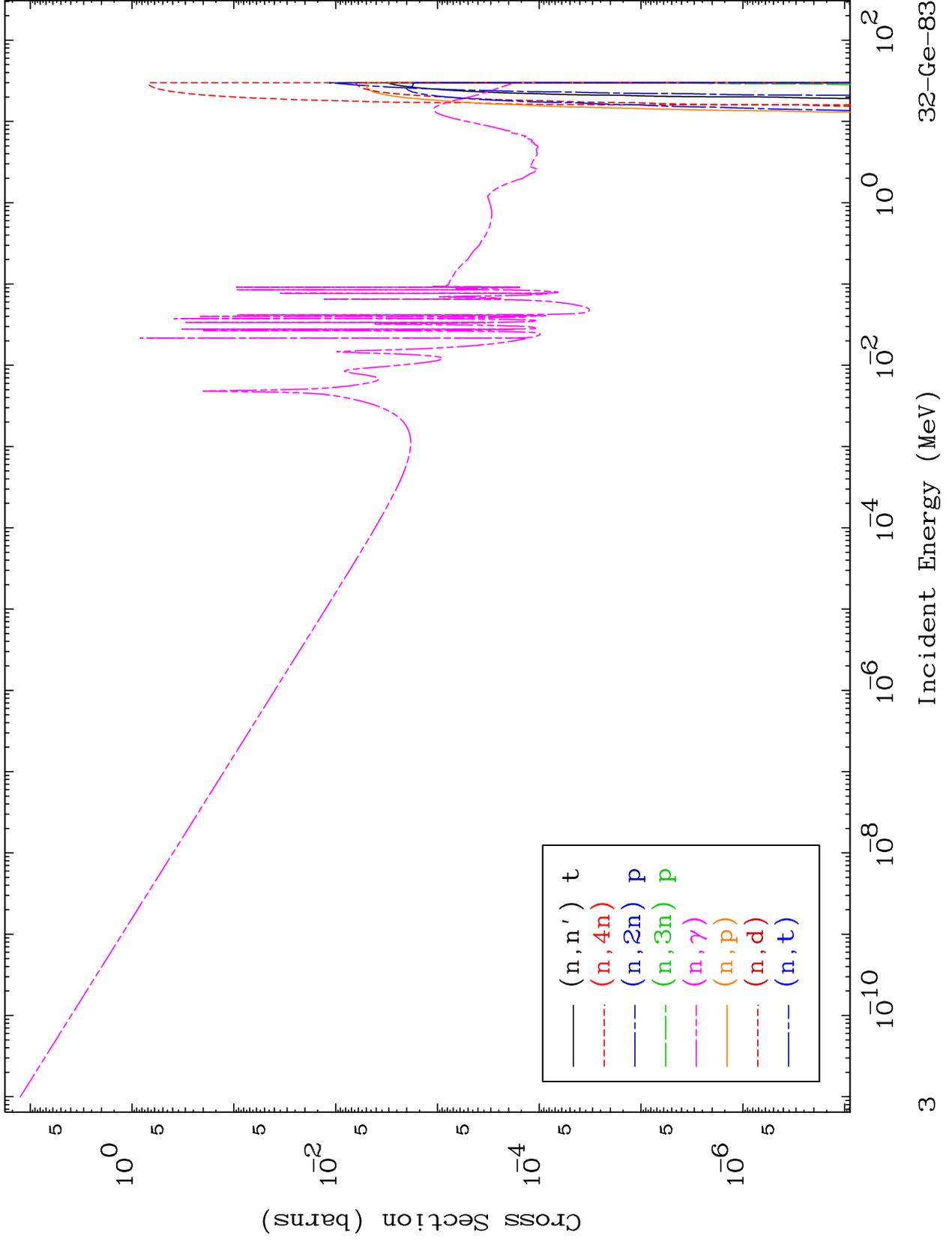
Incident Energy (MeV)

32-Ge-83

MAT 3264

Neutron Absorption
293 Kelvin Cross Sections

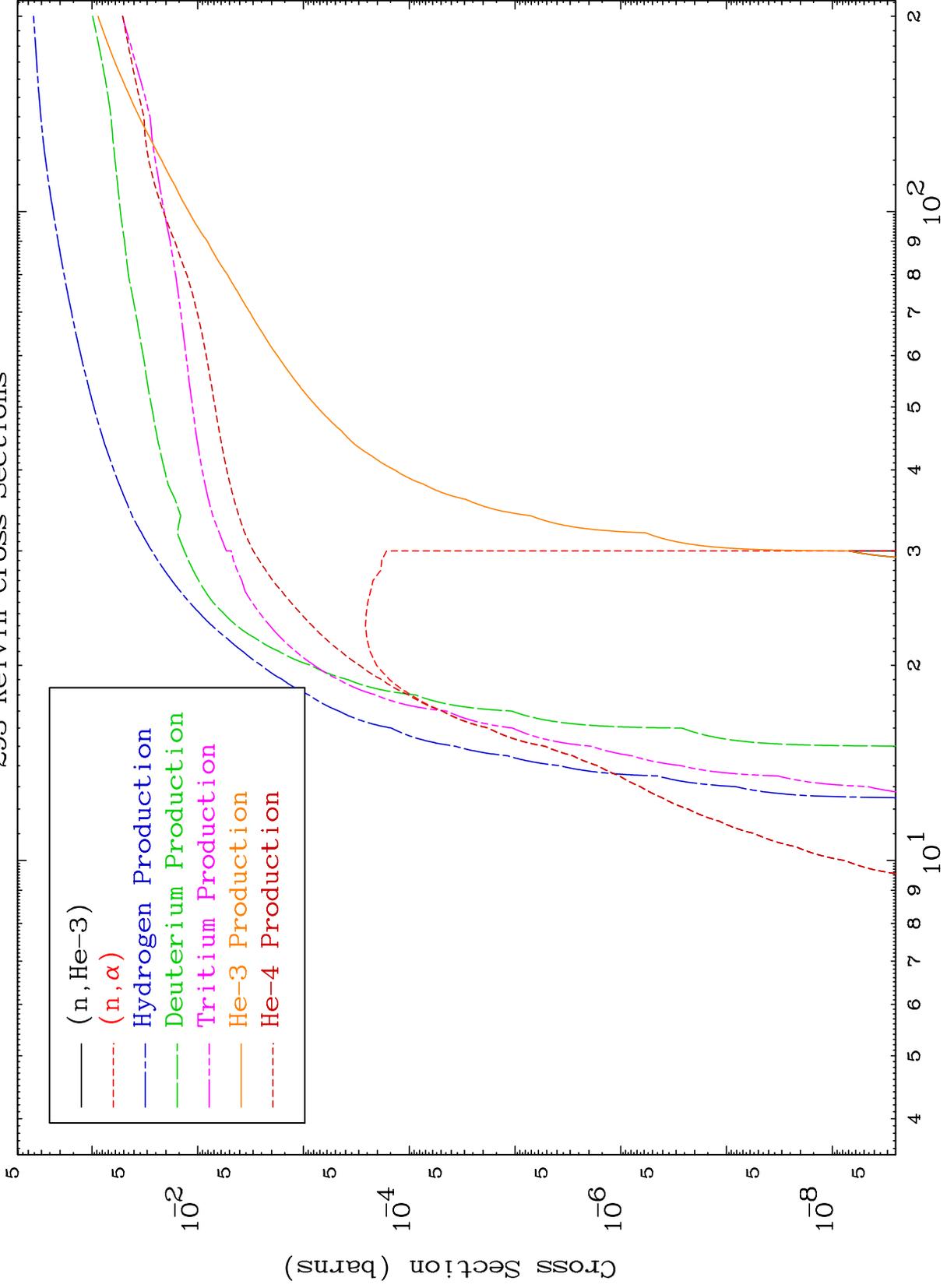
32-Ge-83



MAT 3264

Neutron Absorption
293 Kelvin Cross Sections

32-Ge-83



4

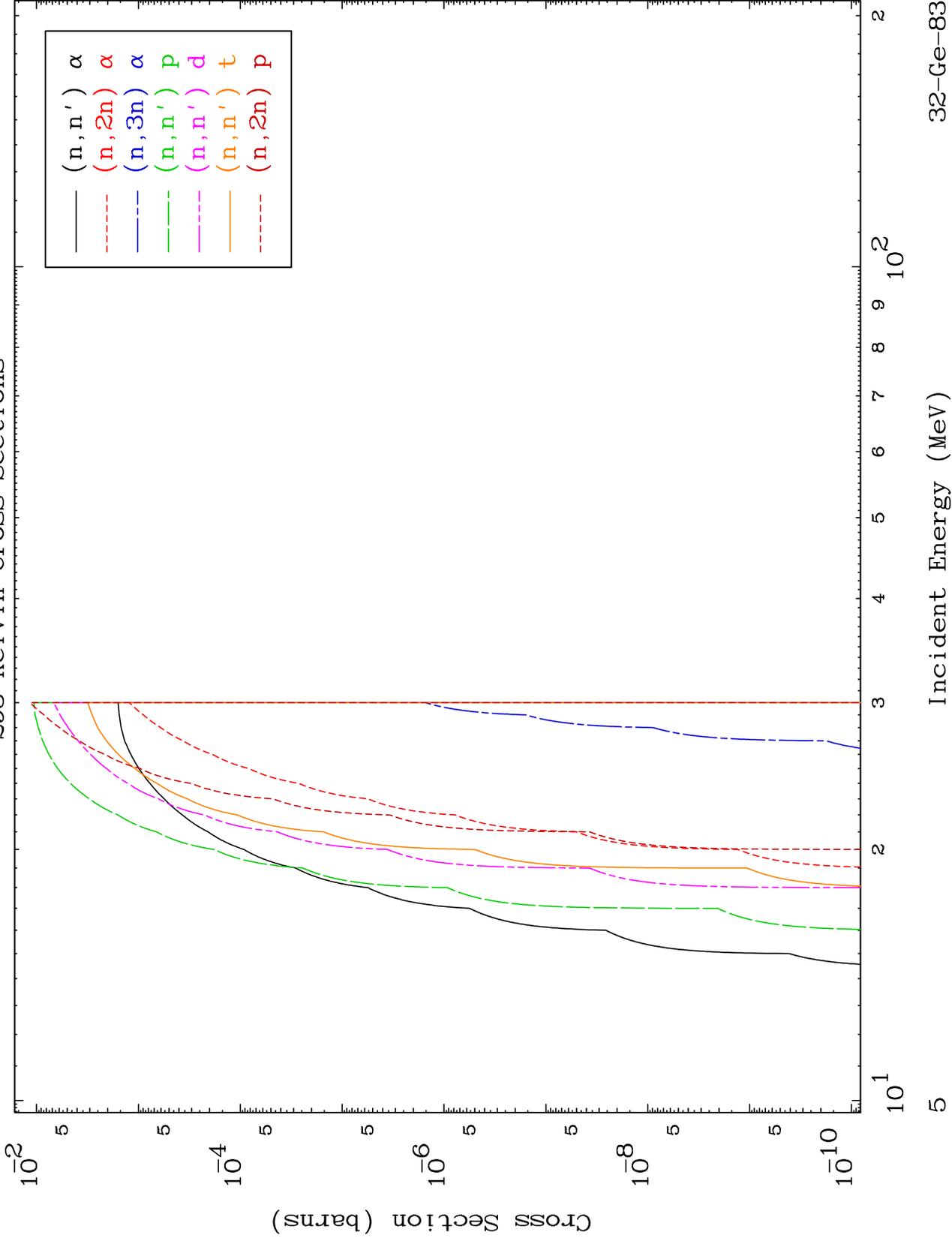
Incident Energy (MeV)

32-Ge-83

MAT 3264

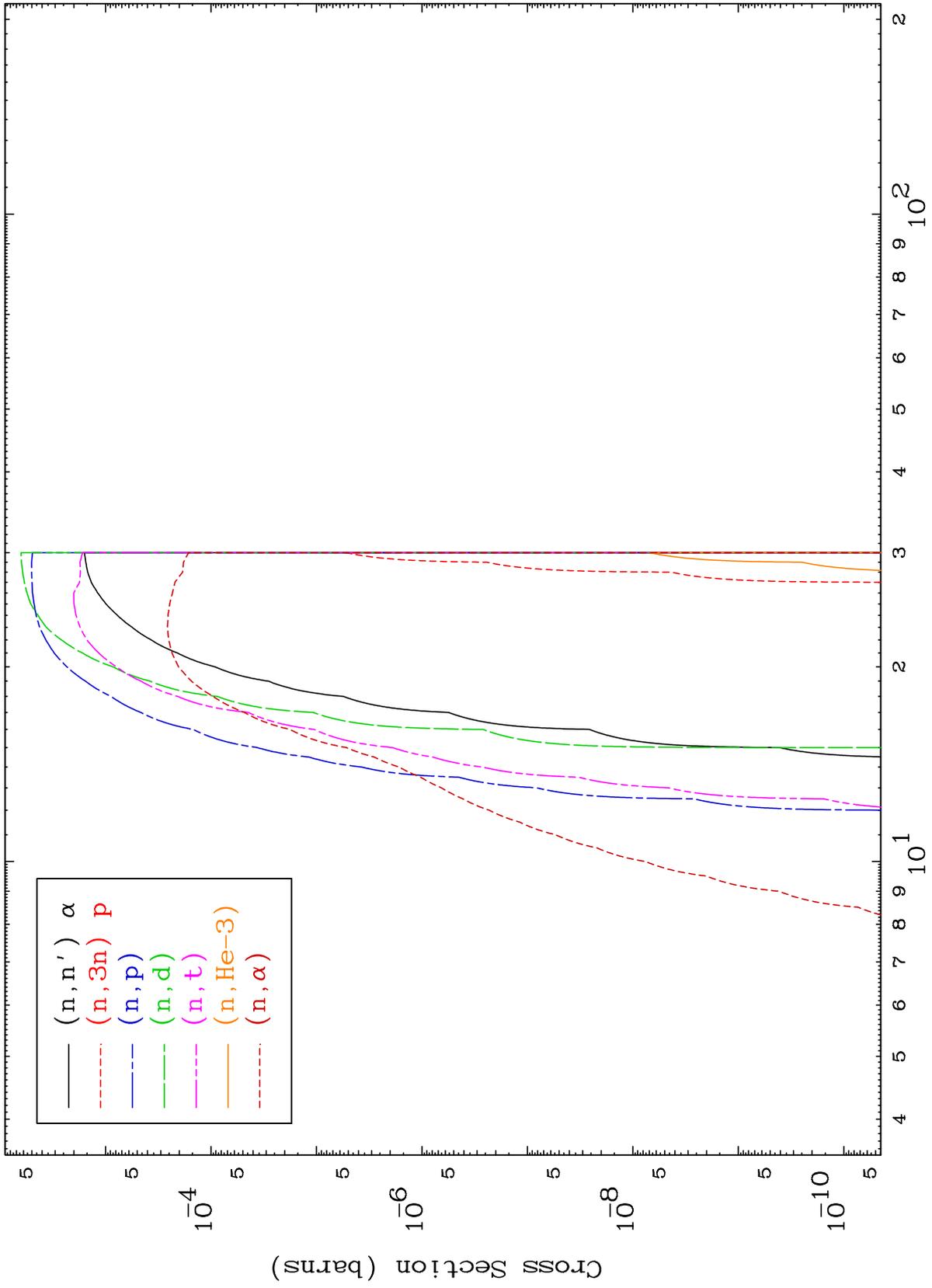
Charged Particle
293 Kelvin Cross Sections

32-Ge-83



32-Ge-83

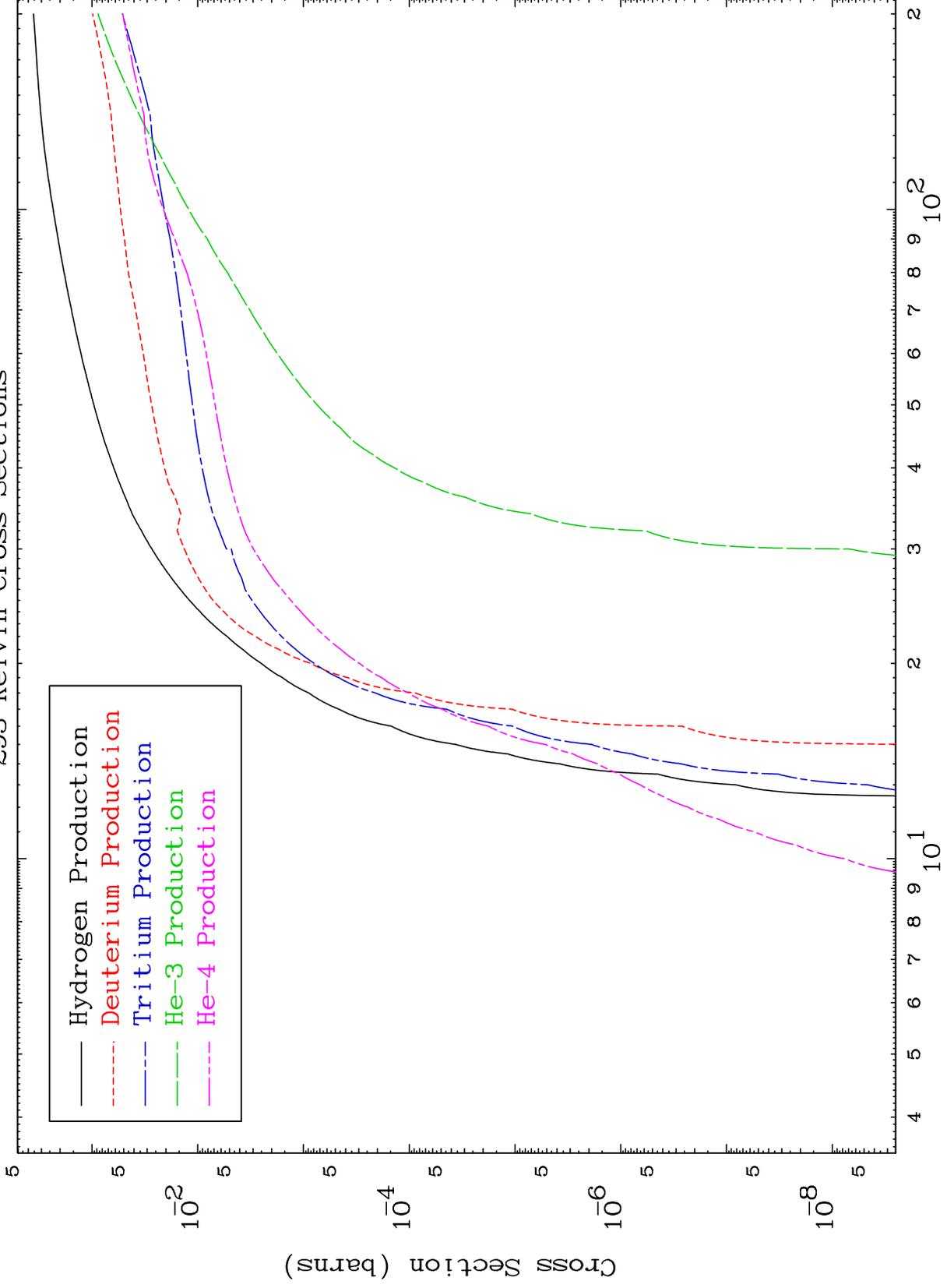
Incident Energy (MeV)

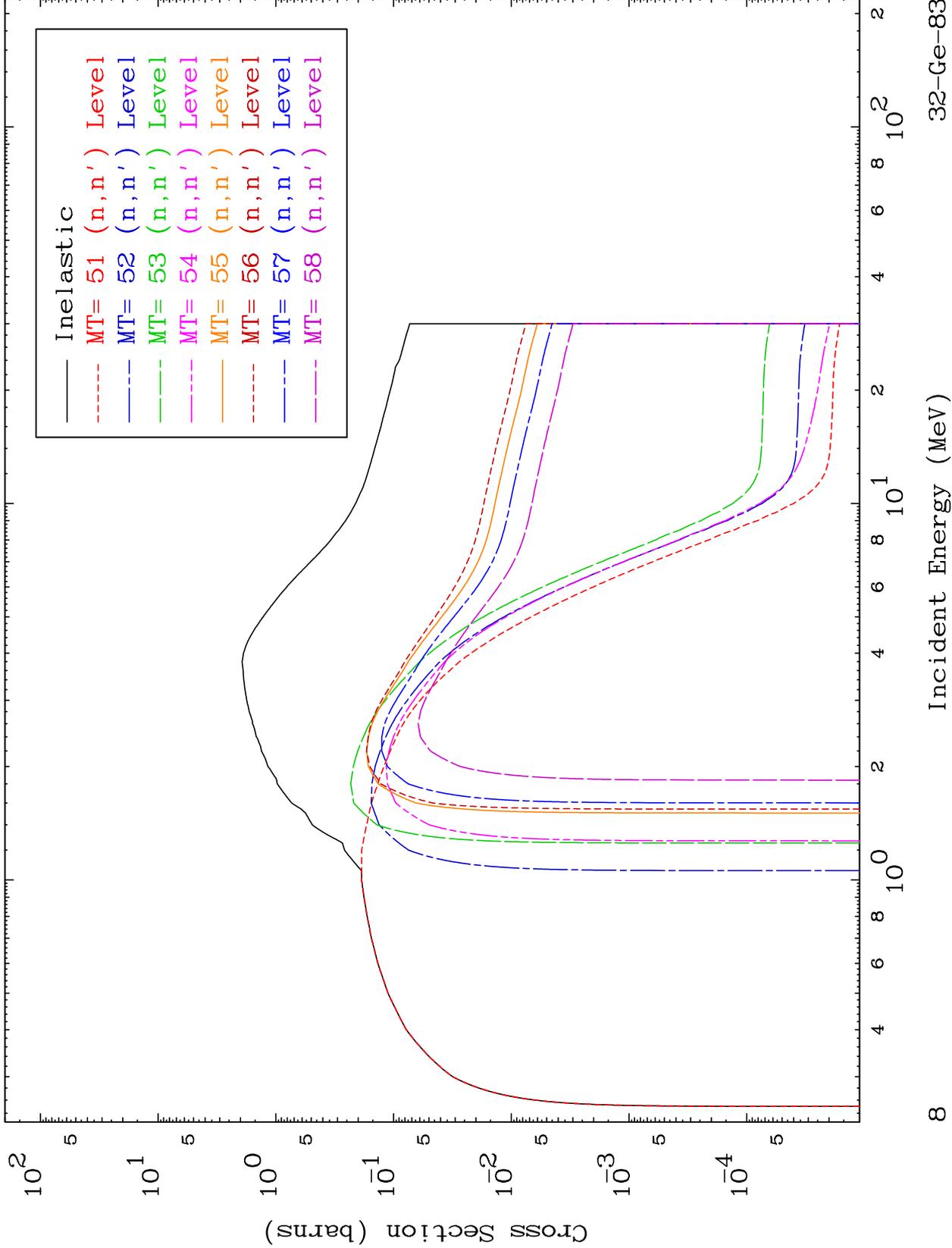


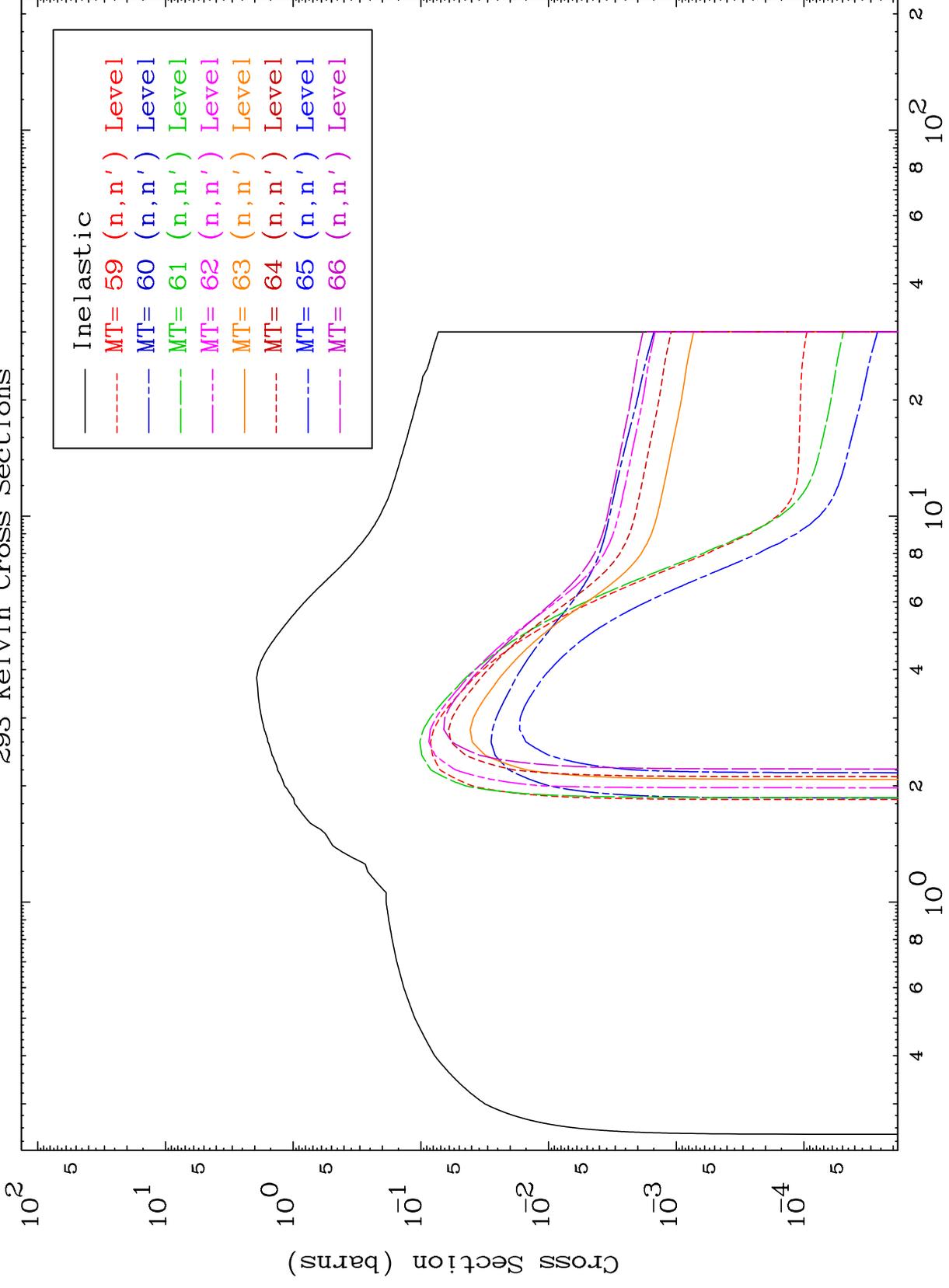
MAT 3264

Particle Production
293 Kelvin Cross Sections

32-Ge-83





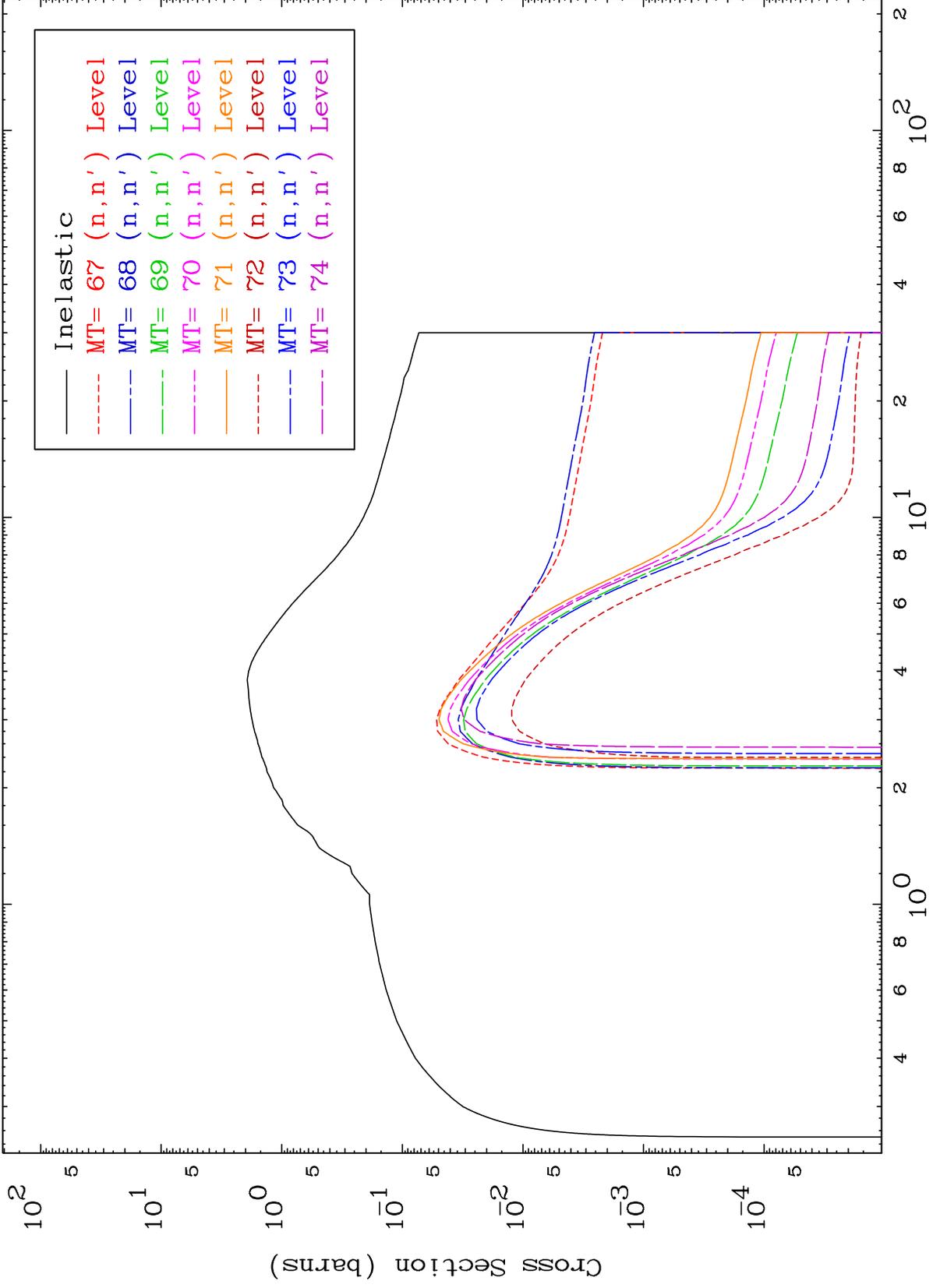


MAT 3264

(n,n') Levels

32-Ge-83

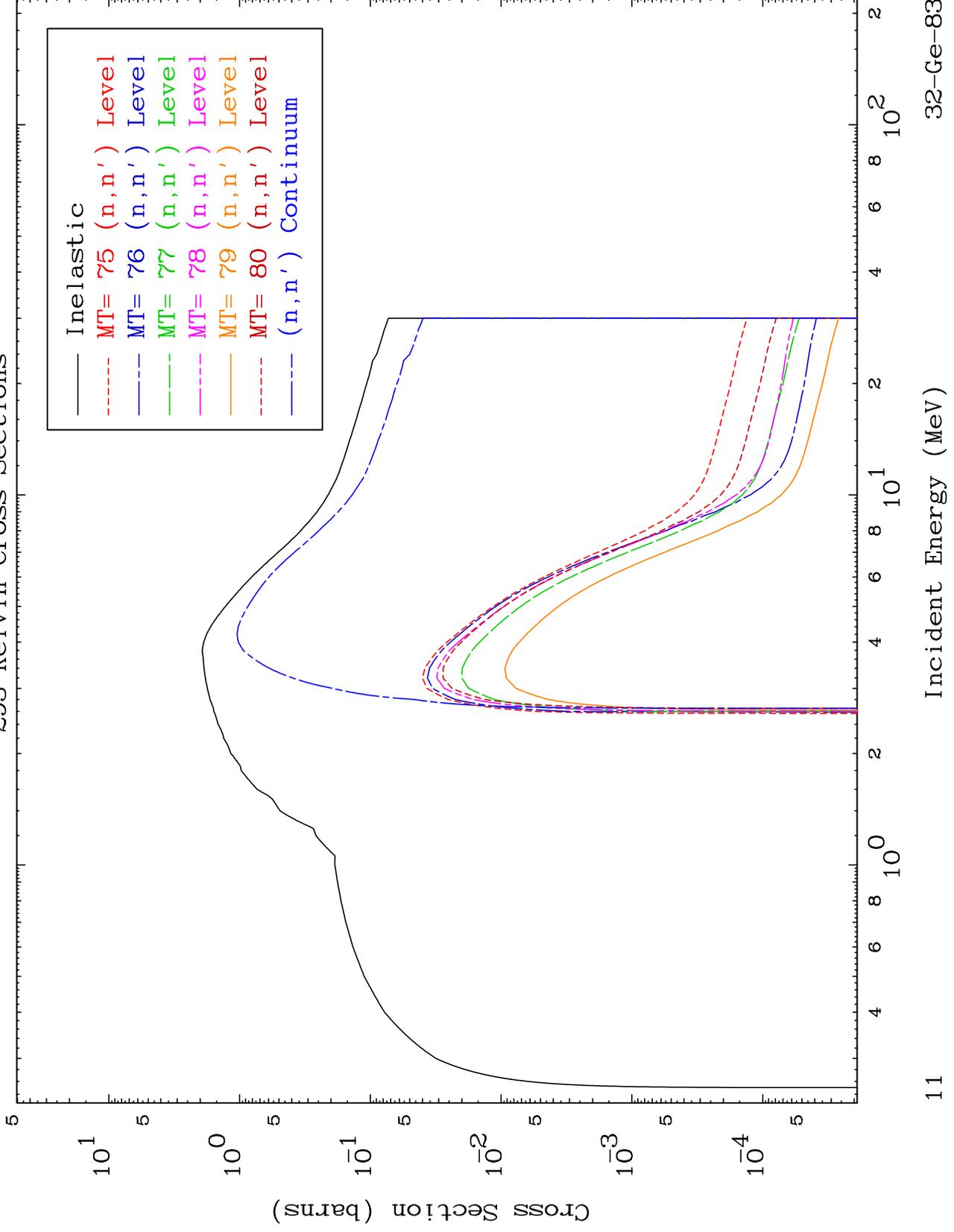
293 Kelvin Cross Sections



10

Incident Energy (MeV)

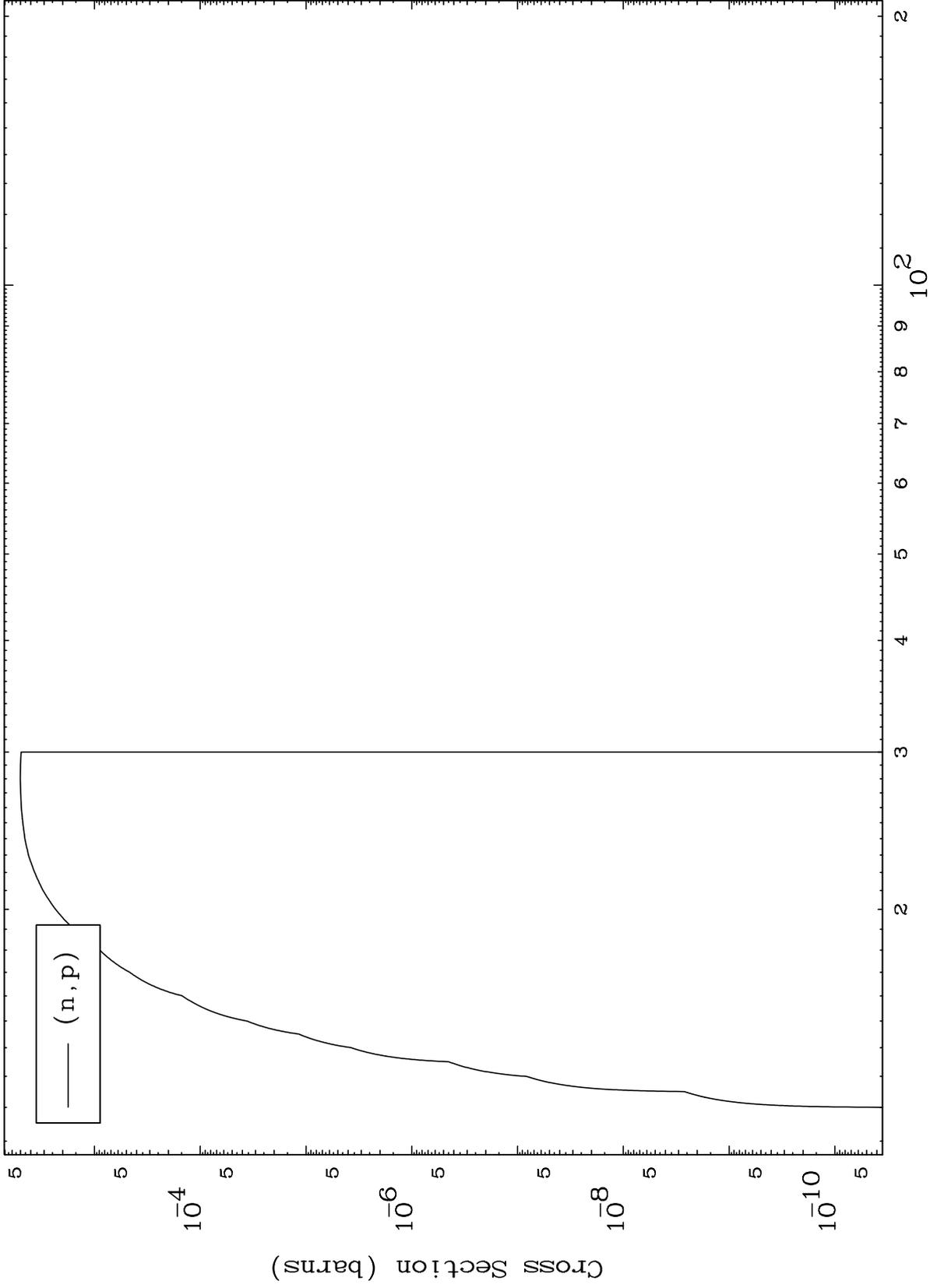
32-Ge-83



MAT 3264

(n,p) Levels
293 Kelvin Cross Sections

32-Ge-83



12

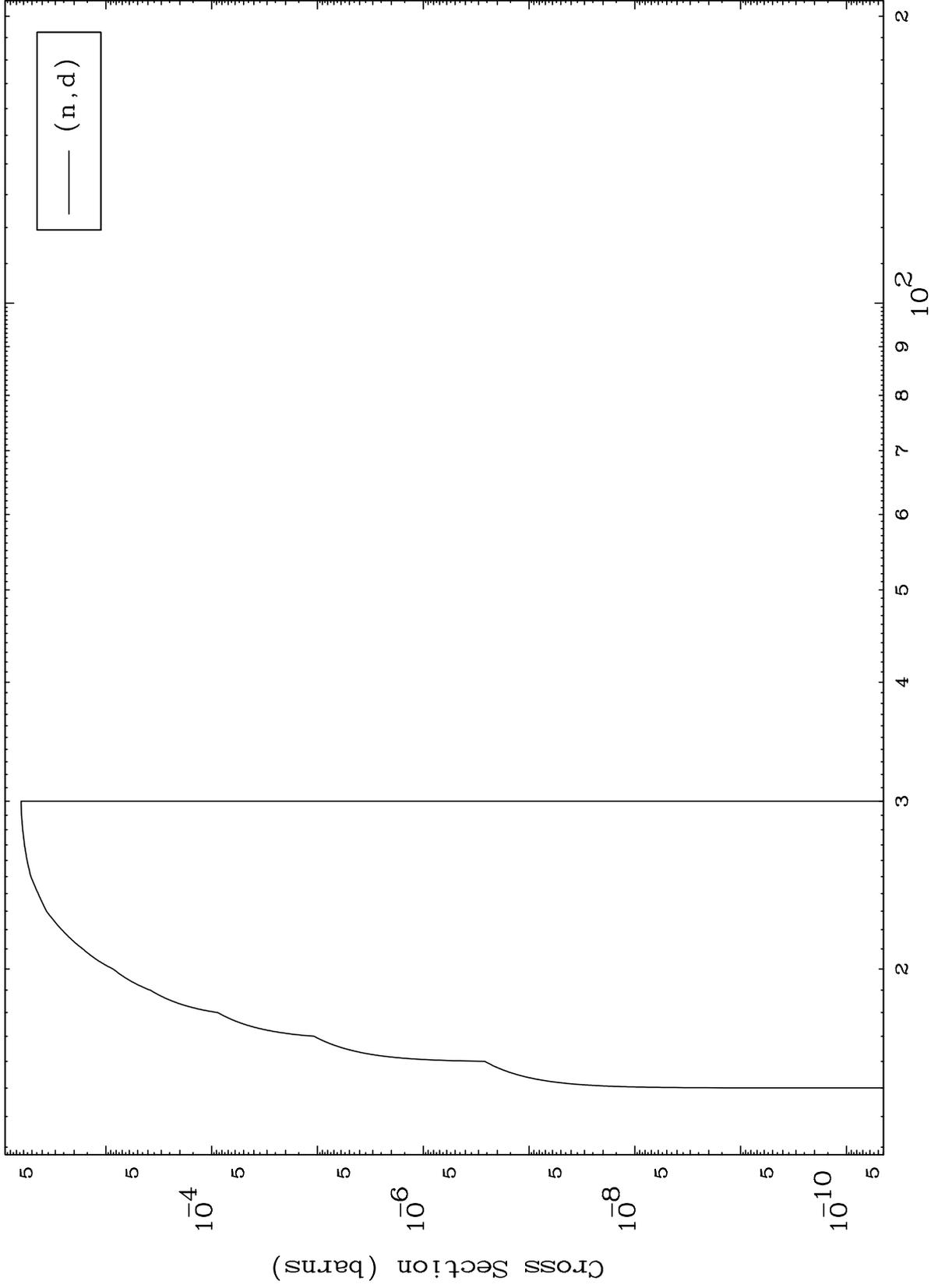
Incident Energy (MeV)

32-Ge-83

MAT 3264

(n,d) Levels
293 Kelvin Cross Sections

32-Ge-83



13

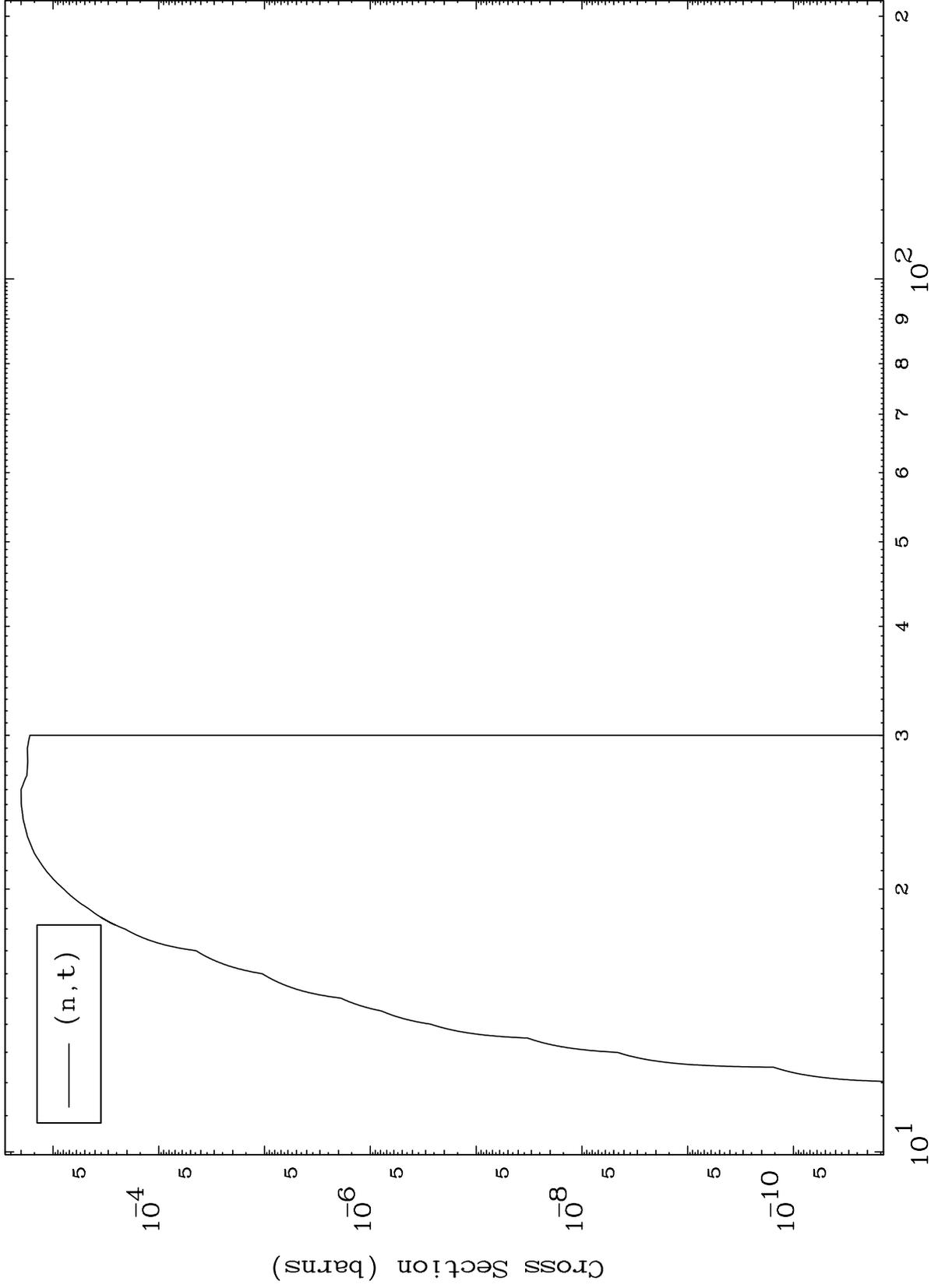
Incident Energy (MeV)

32-Ge-83

MAT 3264

(n,t) Levels
293 Kelvin Cross Sections

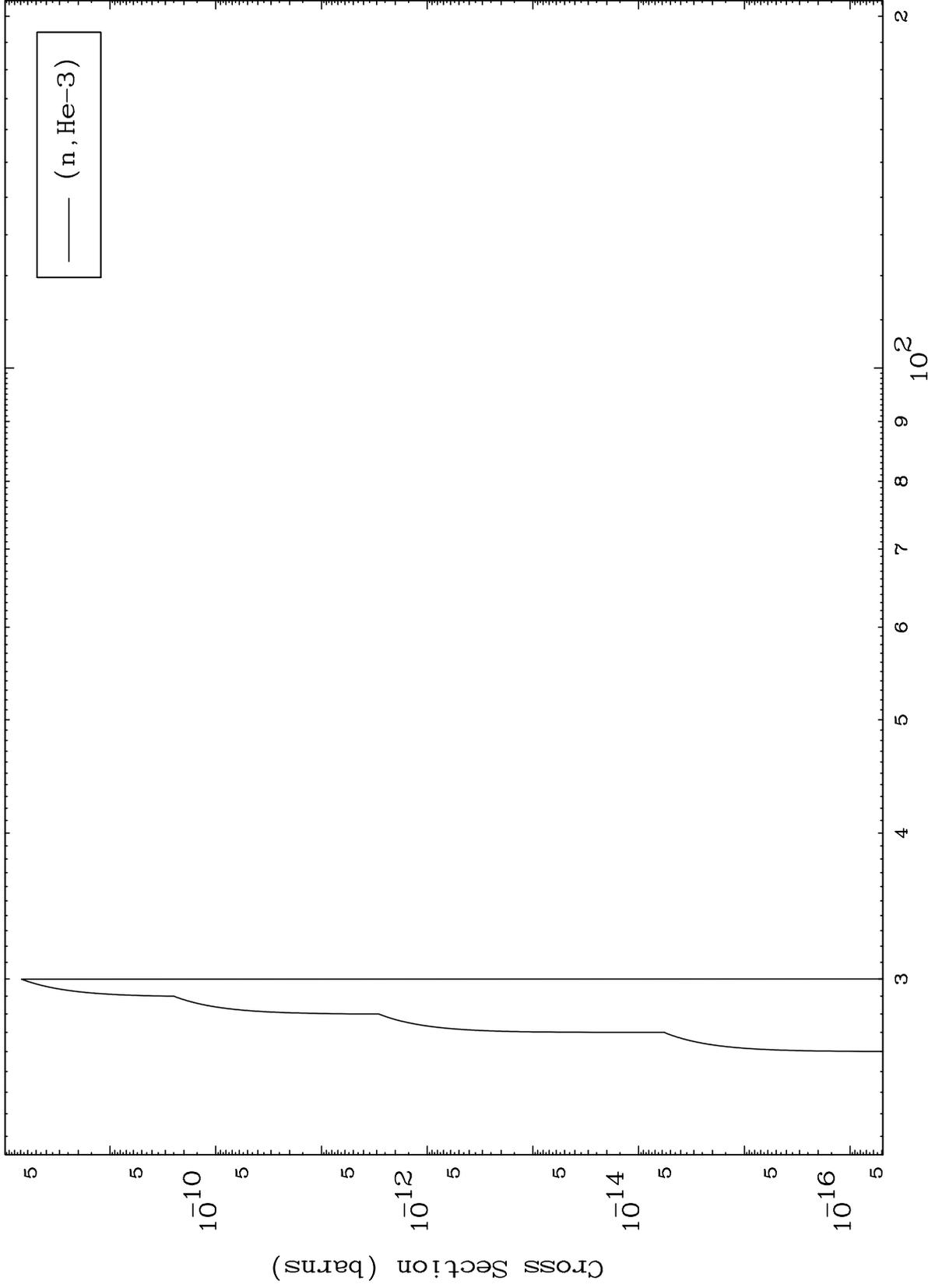
32-Ge-83



14

Incident Energy (MeV)

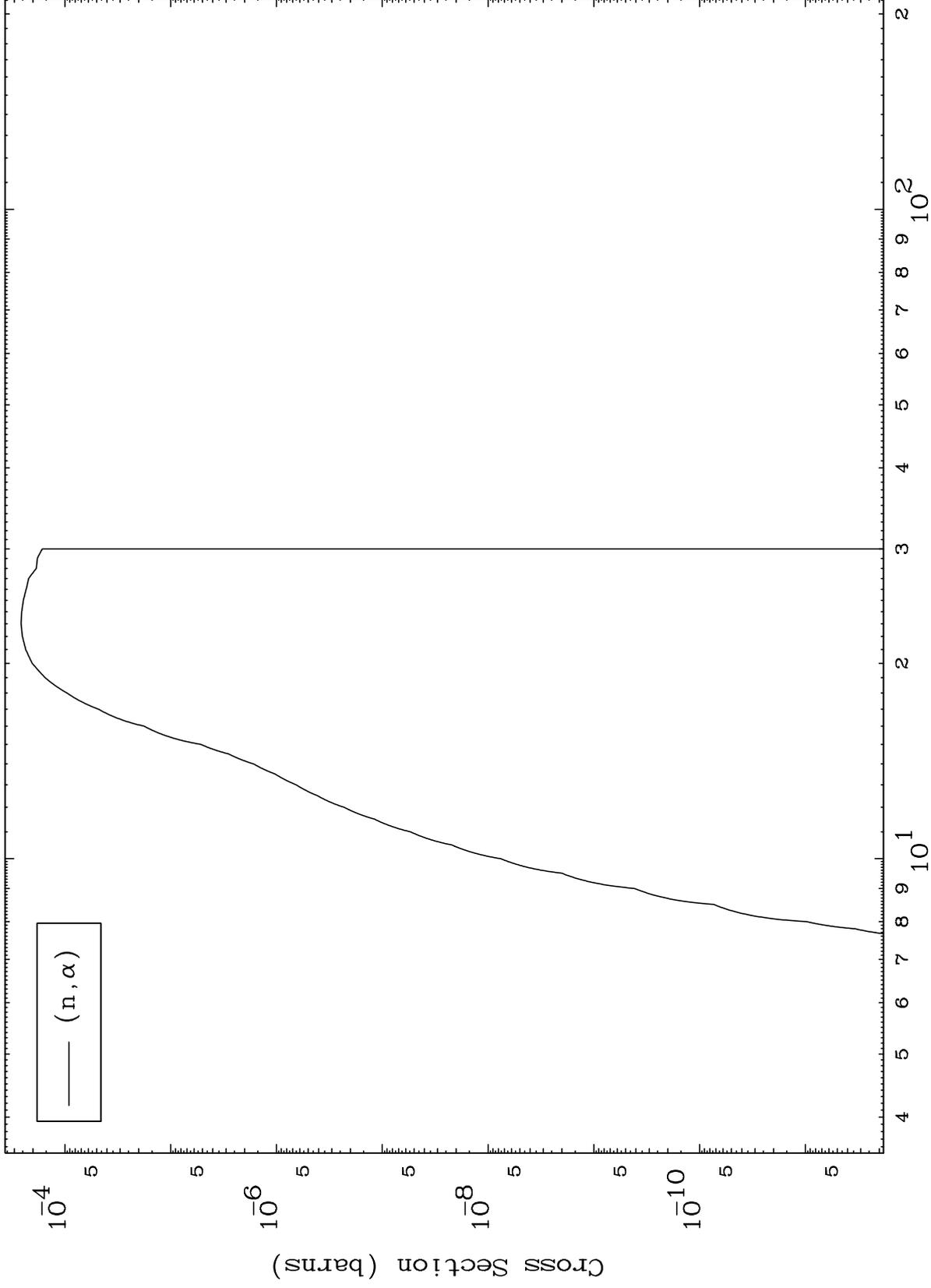
32-Ge-83



MAT 3264

(n, α) Levels
293 Kelvin Cross Sections

32-Ge-83



16

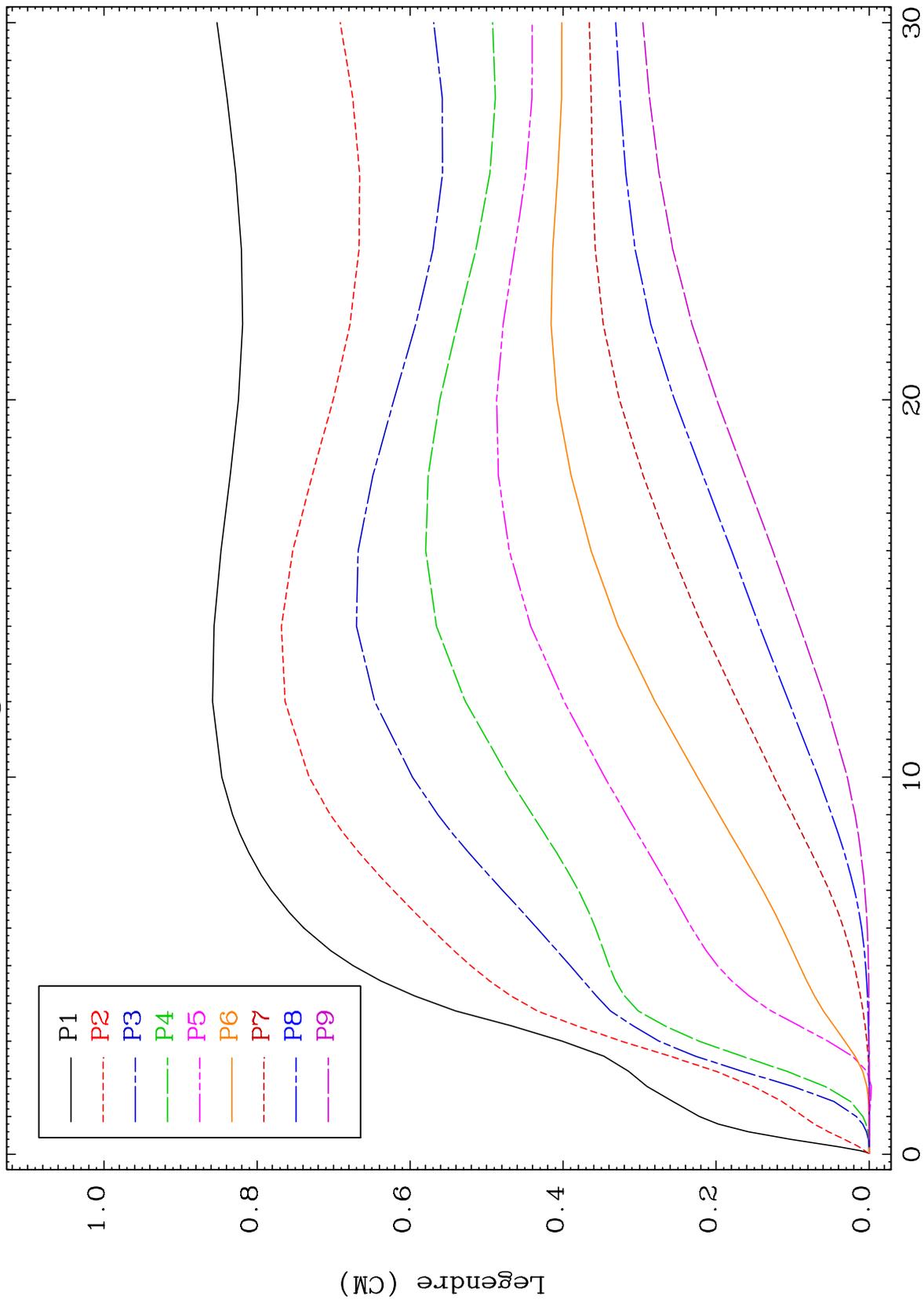
Incident Energy (MeV)

32-Ge-83

MAT 3264

Elastic Legendre Coefficients

³²Ge-83



17

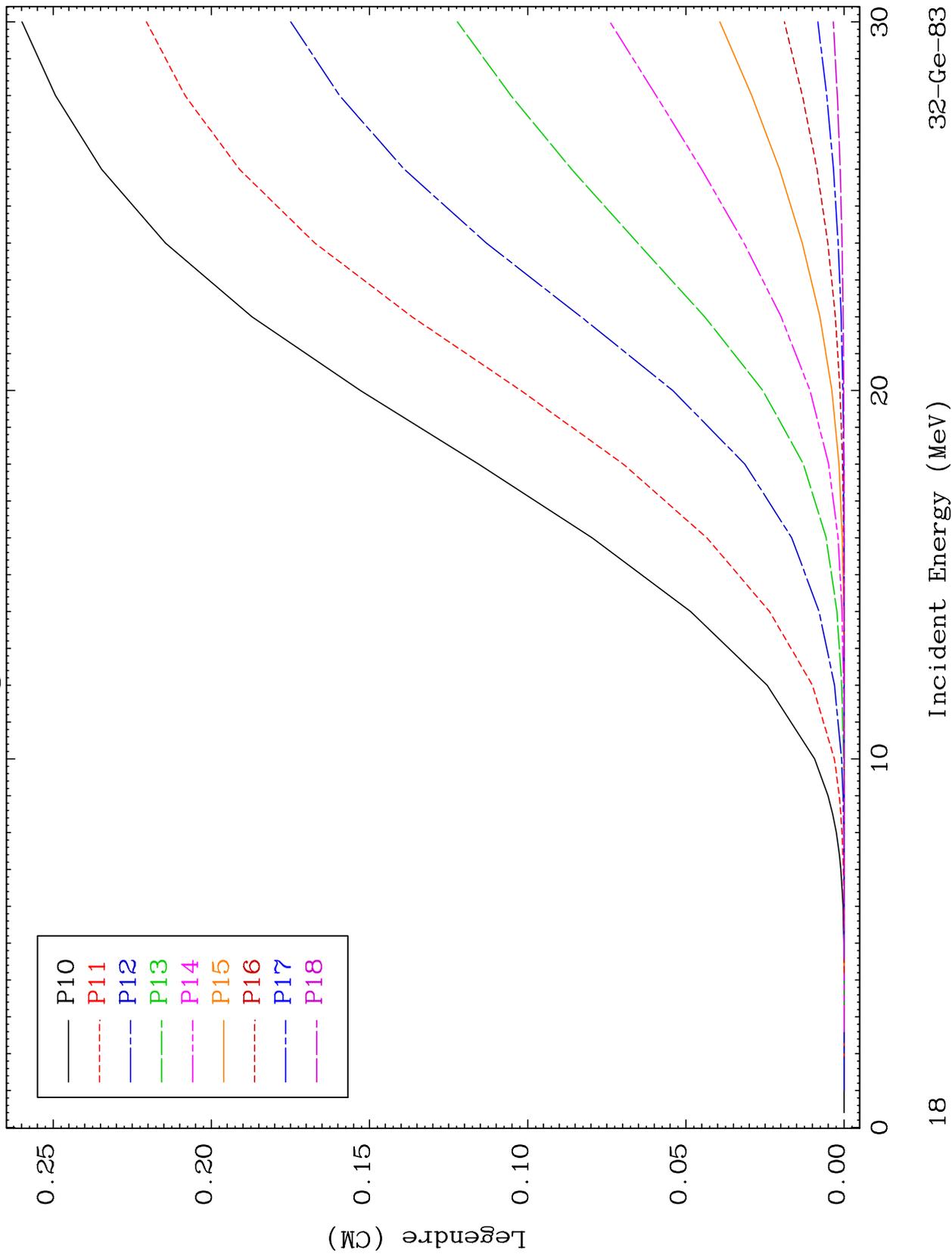
Incident Energy (MeV)

³²Ge-83

MAT 3264

Elastic Legendre Coefficients

³²Ge-83



18

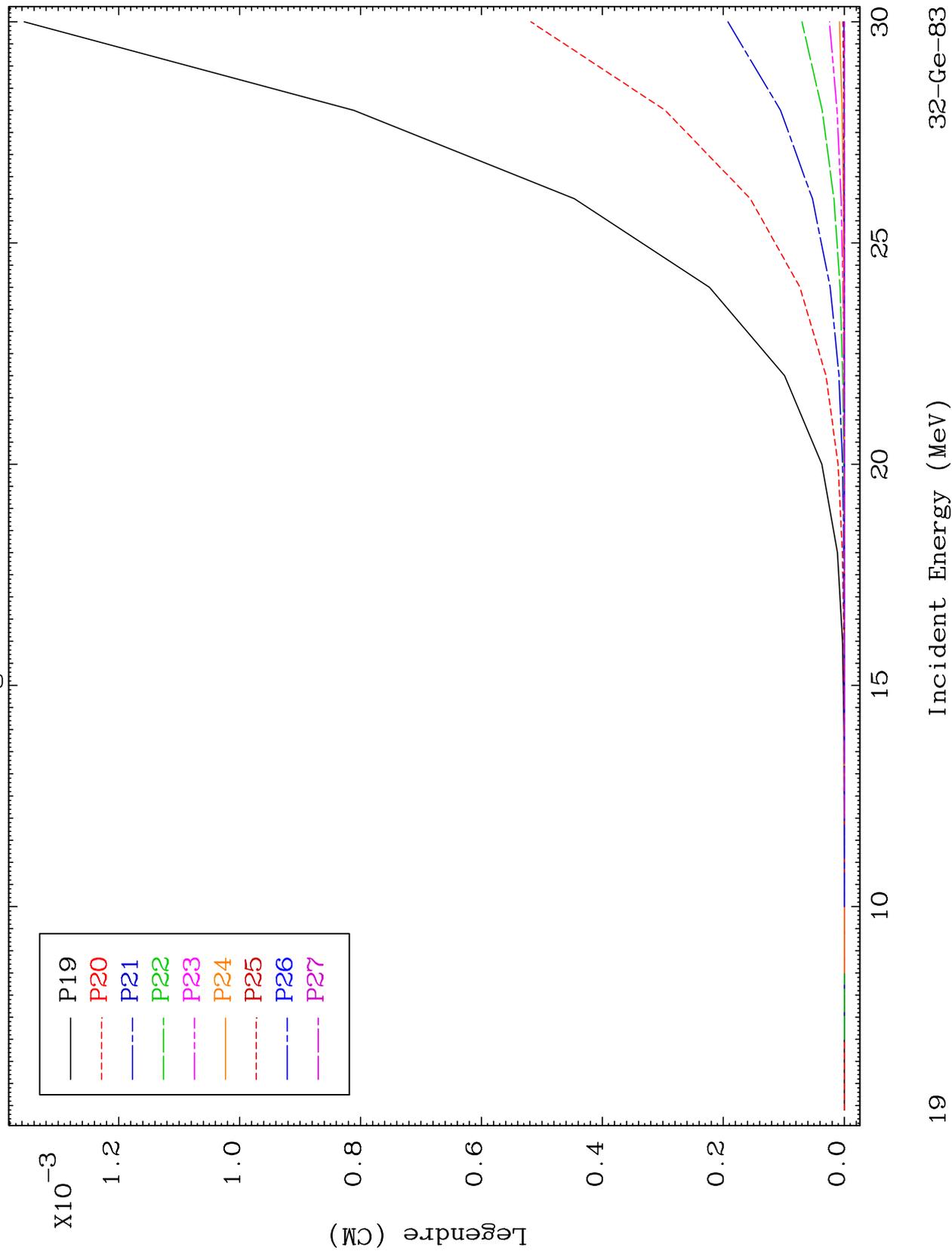
Incident Energy (MeV)

³²Ge-83

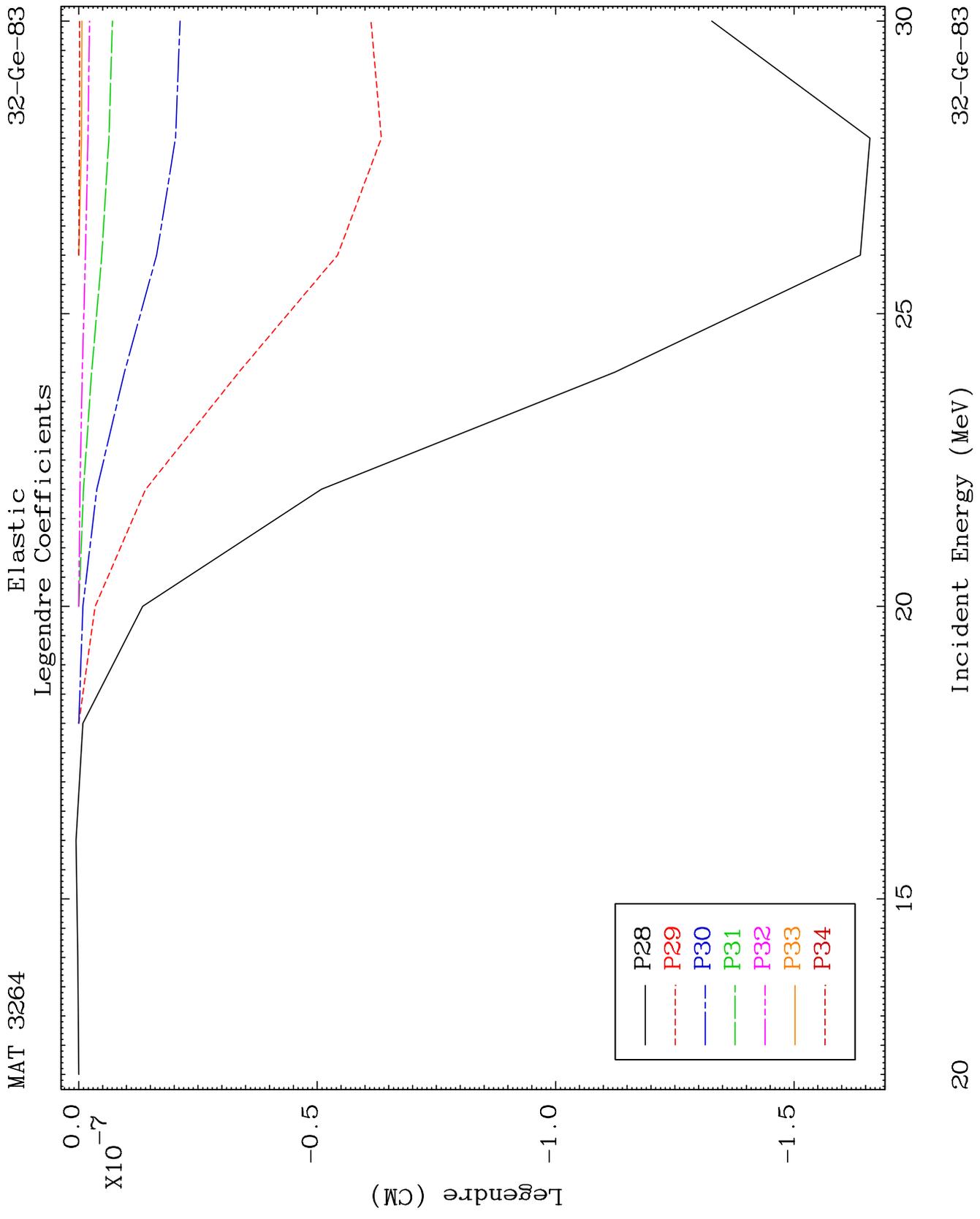
MAT 3264

Elastic Legendre Coefficients

³²Ge-83



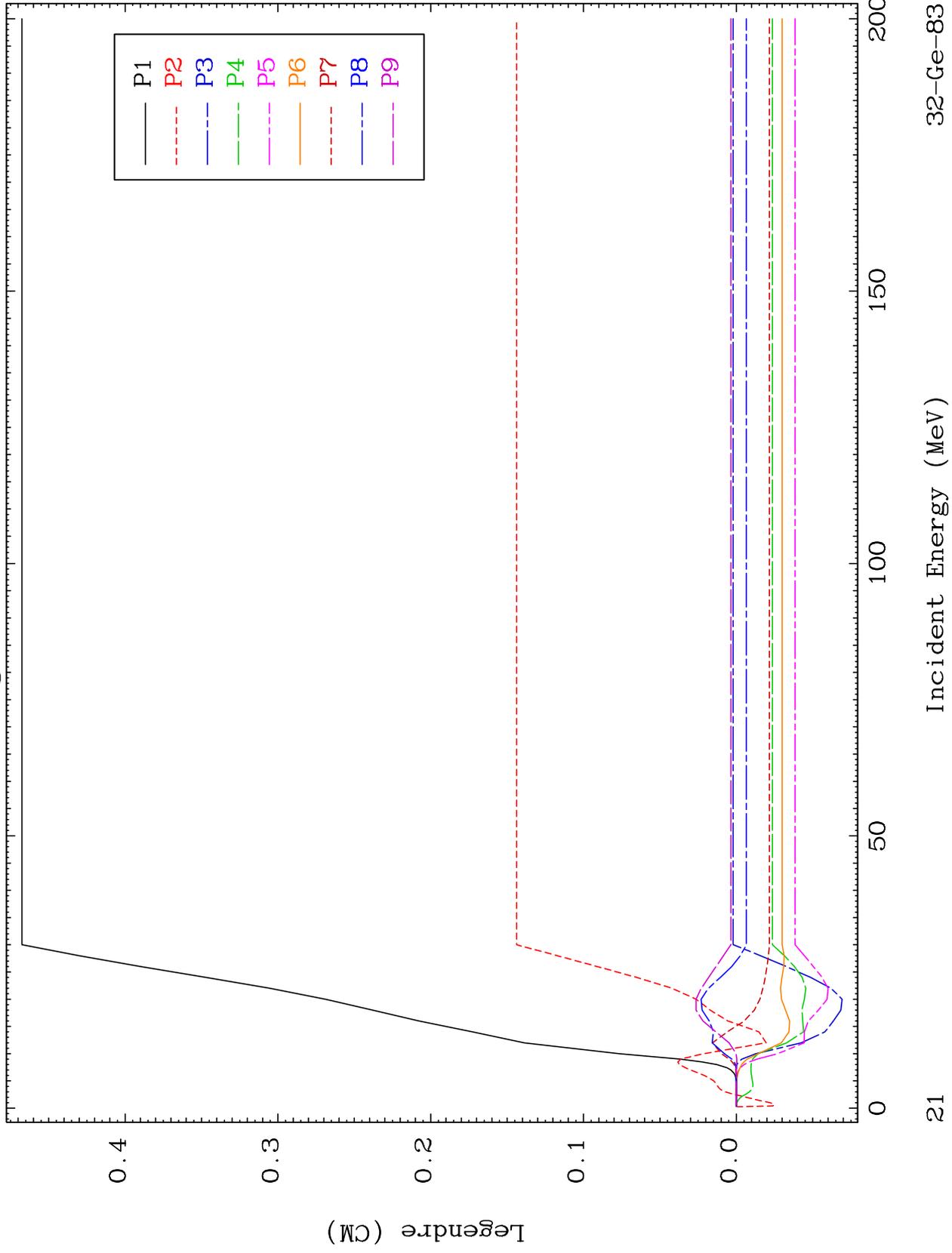
19



MAT 3264

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

32-Ge-83



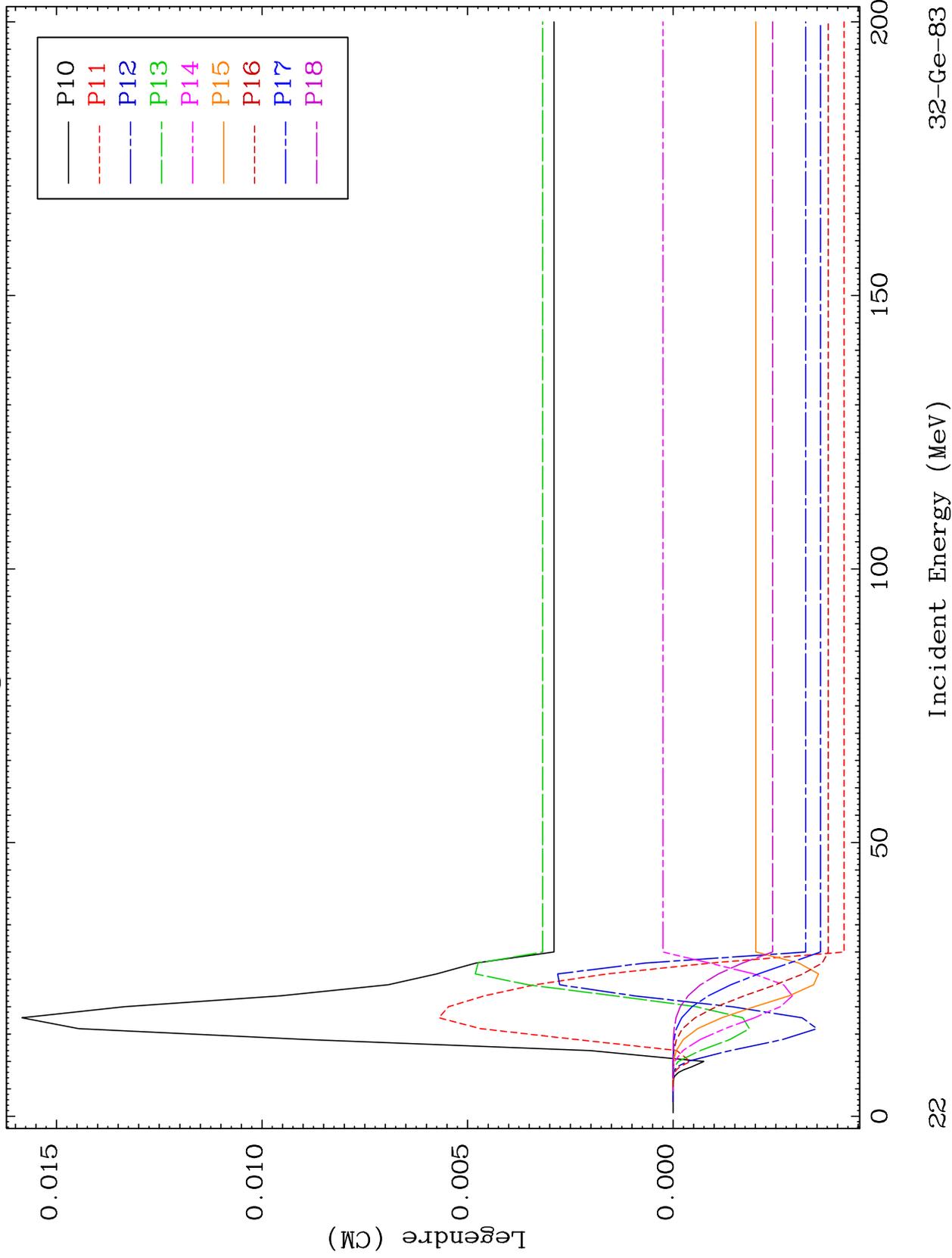
21

32-Ge-83

MAT 3264

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

32-Ge-83

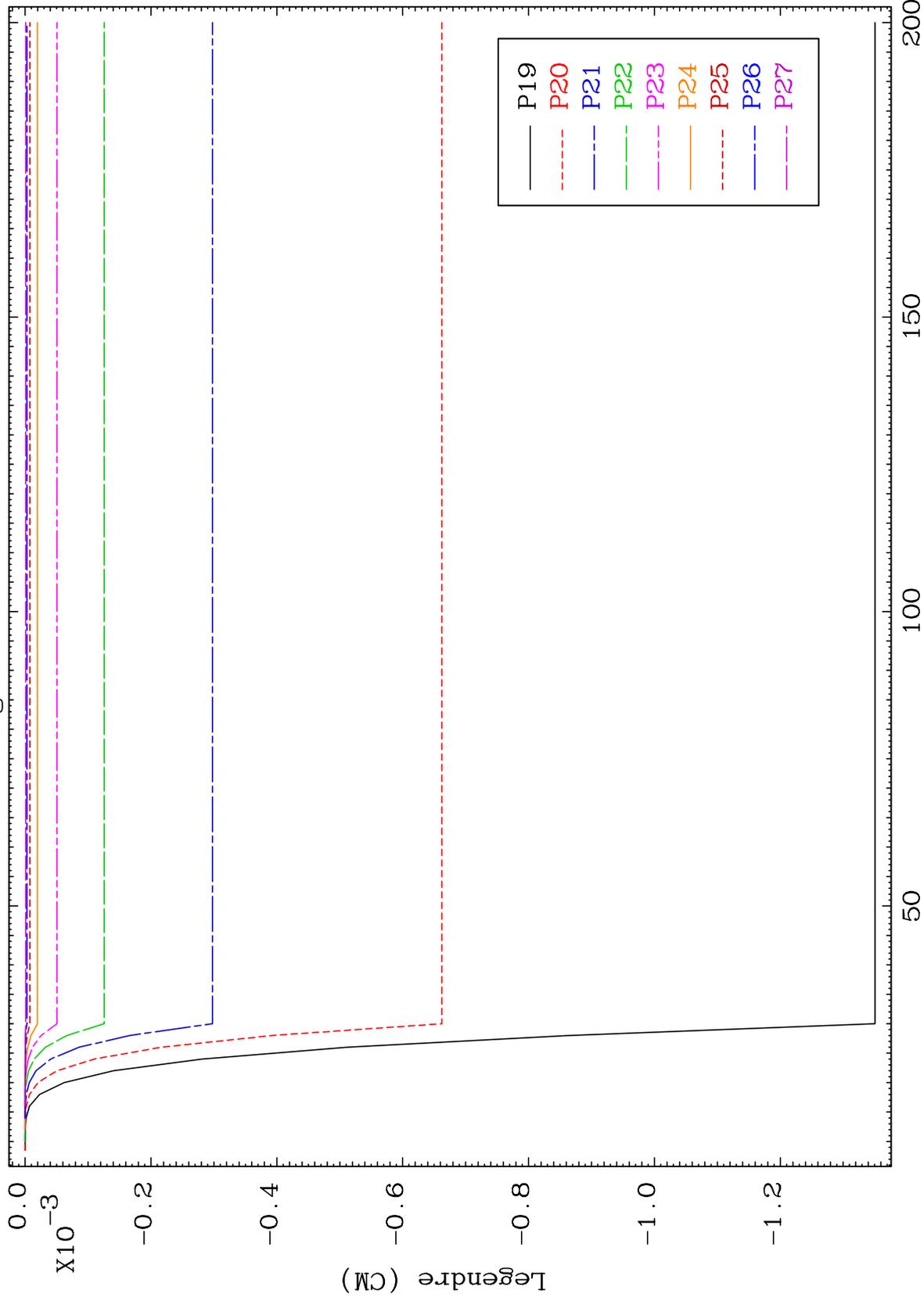


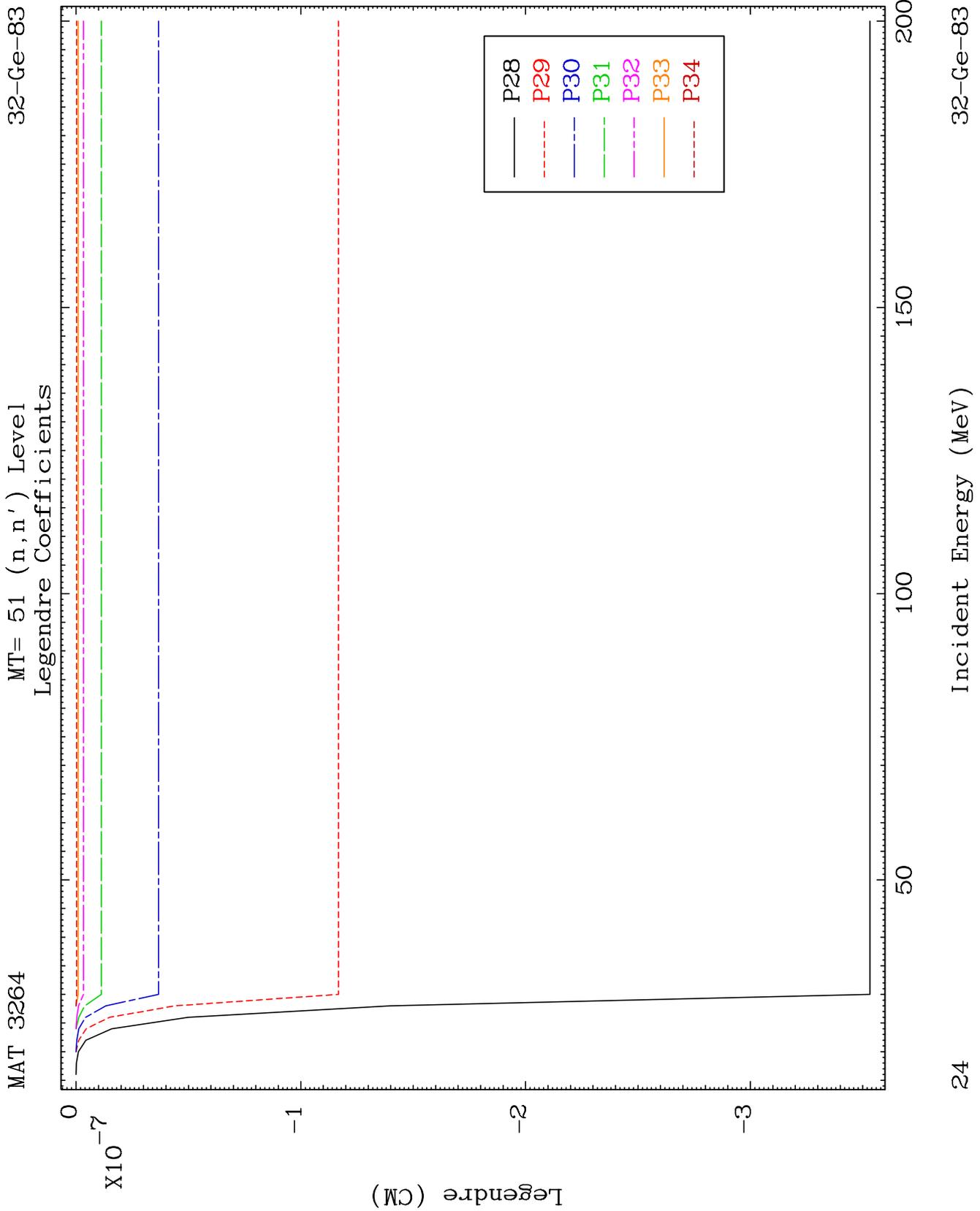
32-Ge-83

Incident Energy (MeV)

22

Legendre Coefficients

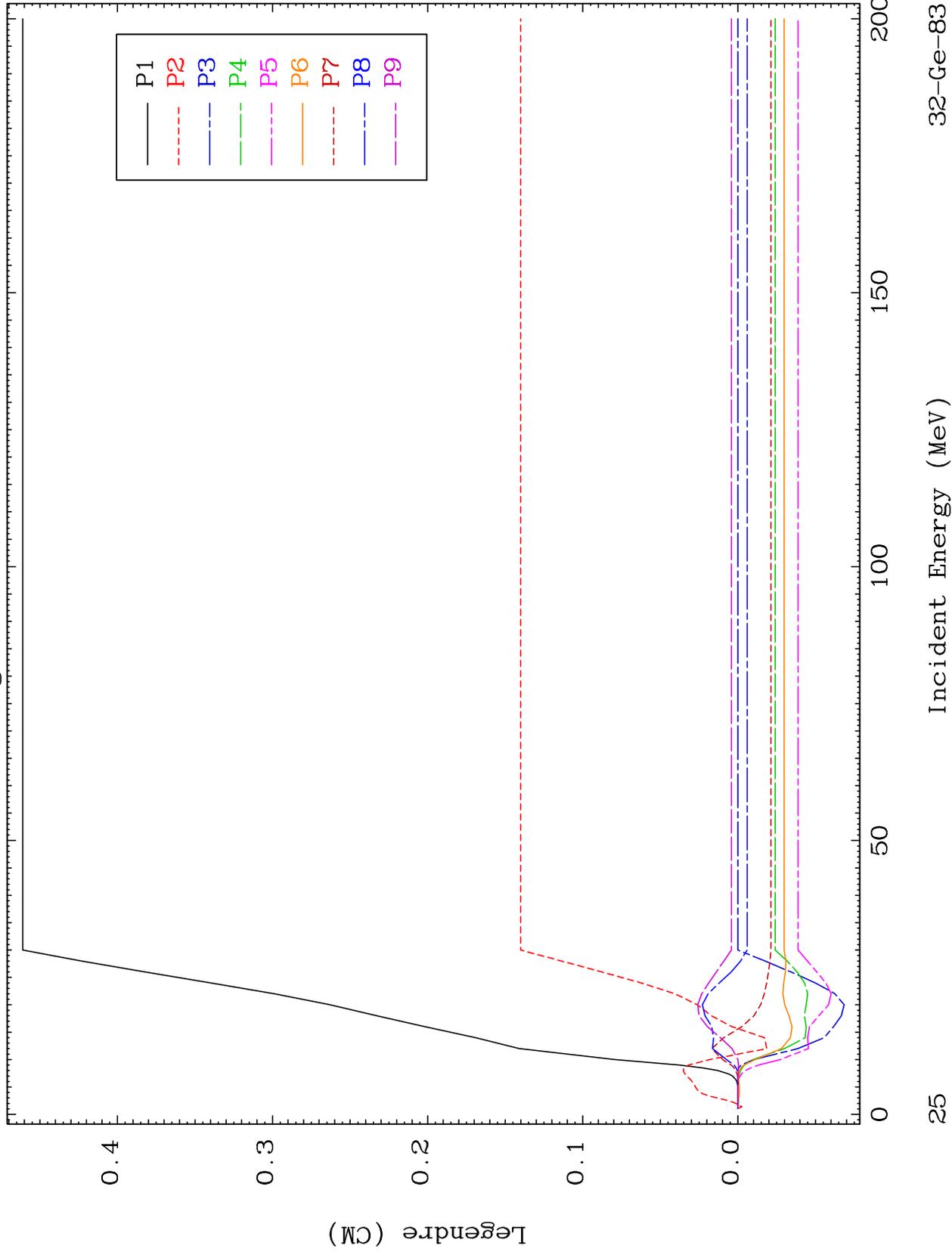




MAT 3264

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

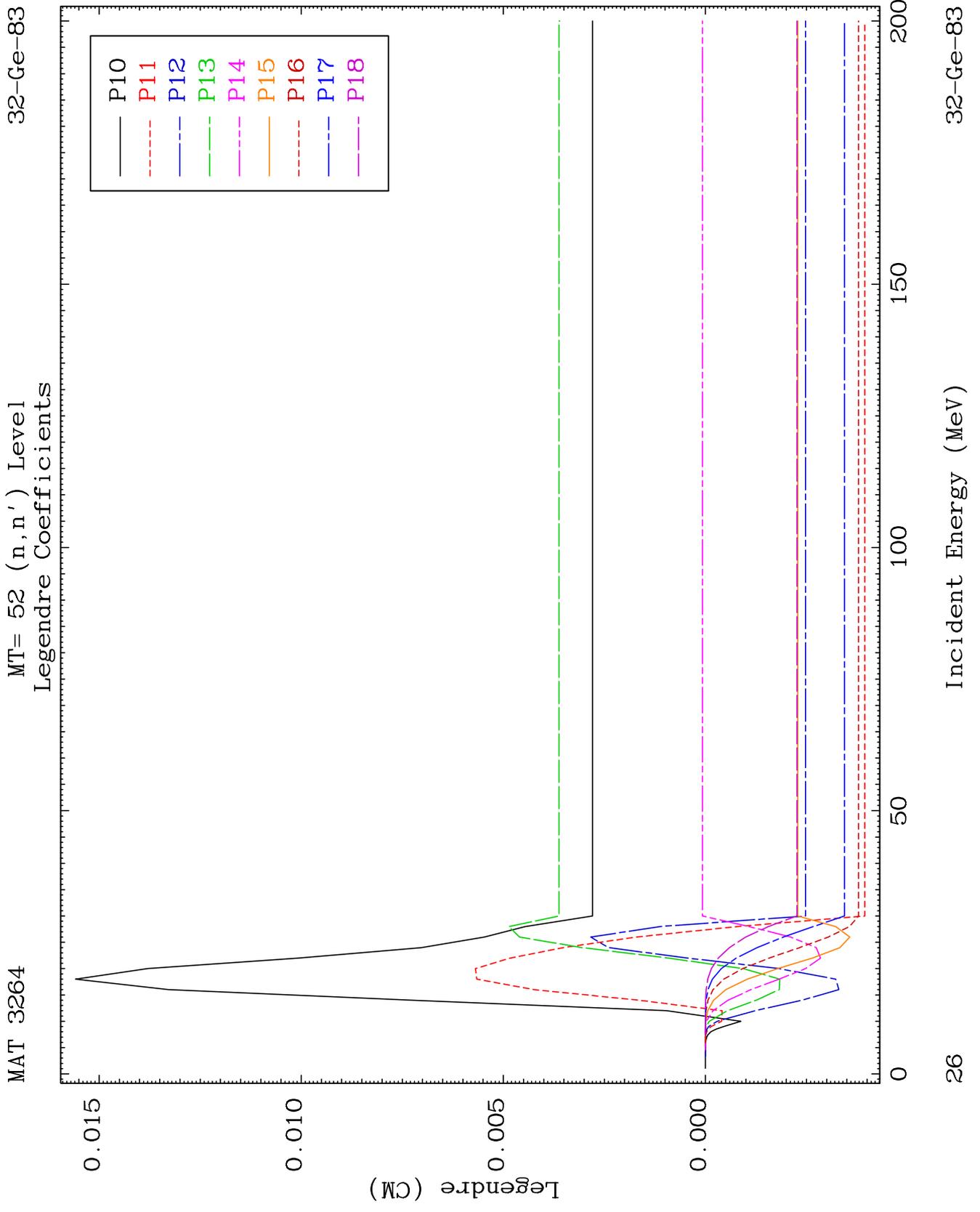
32-Ge-83



32-Ge-83

Incident Energy (MeV)

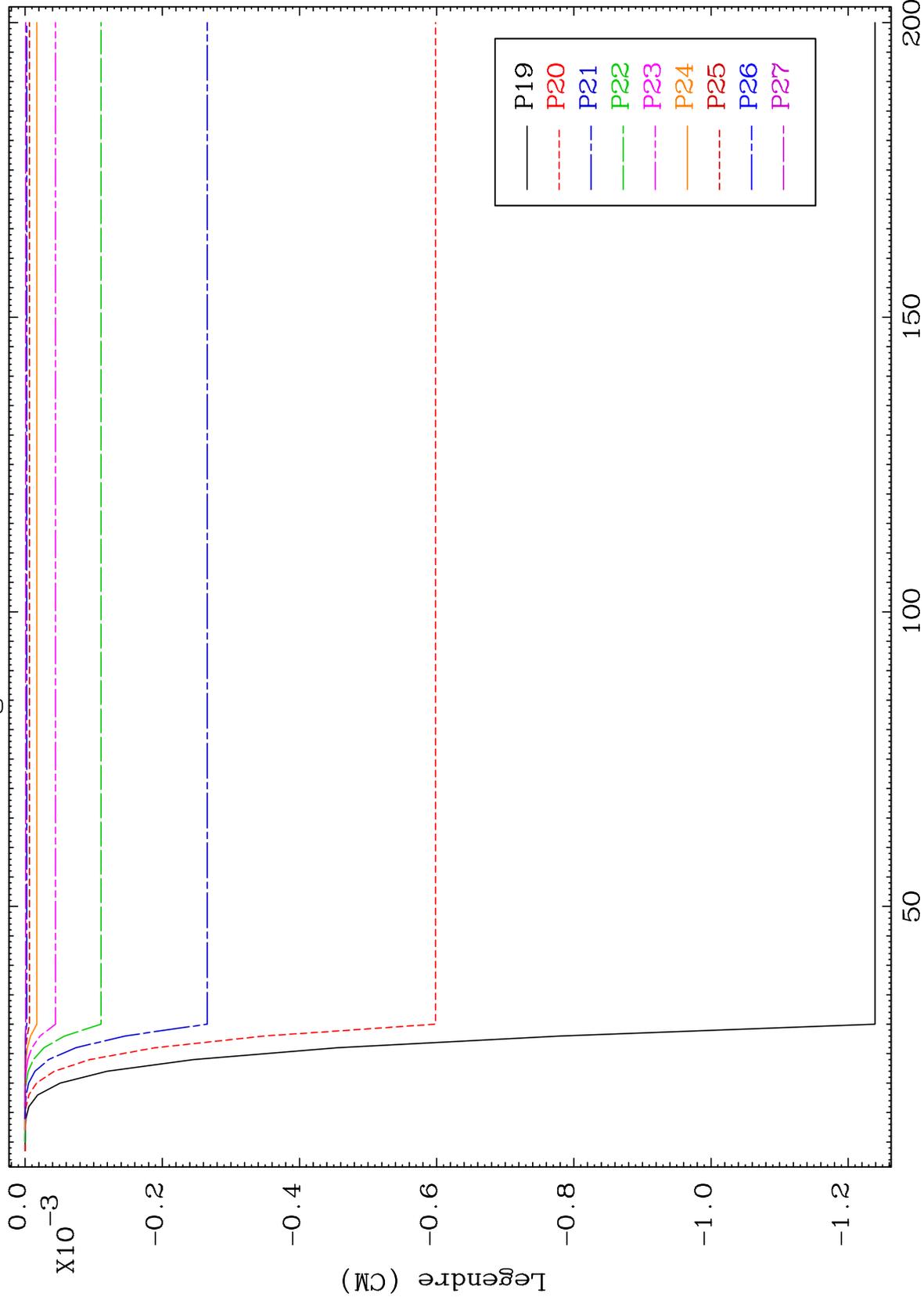
25

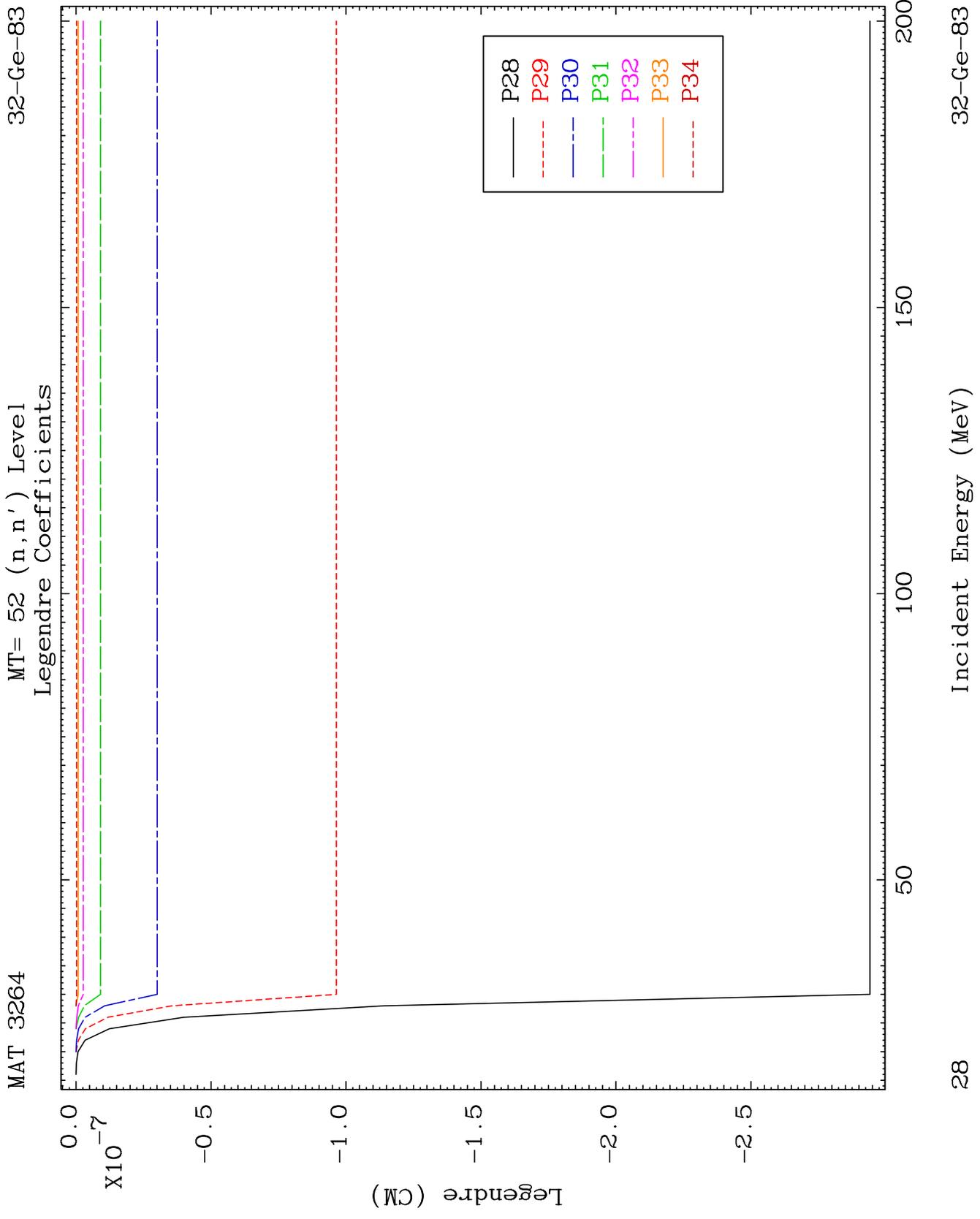


MAT 3264

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

32-Ge-83

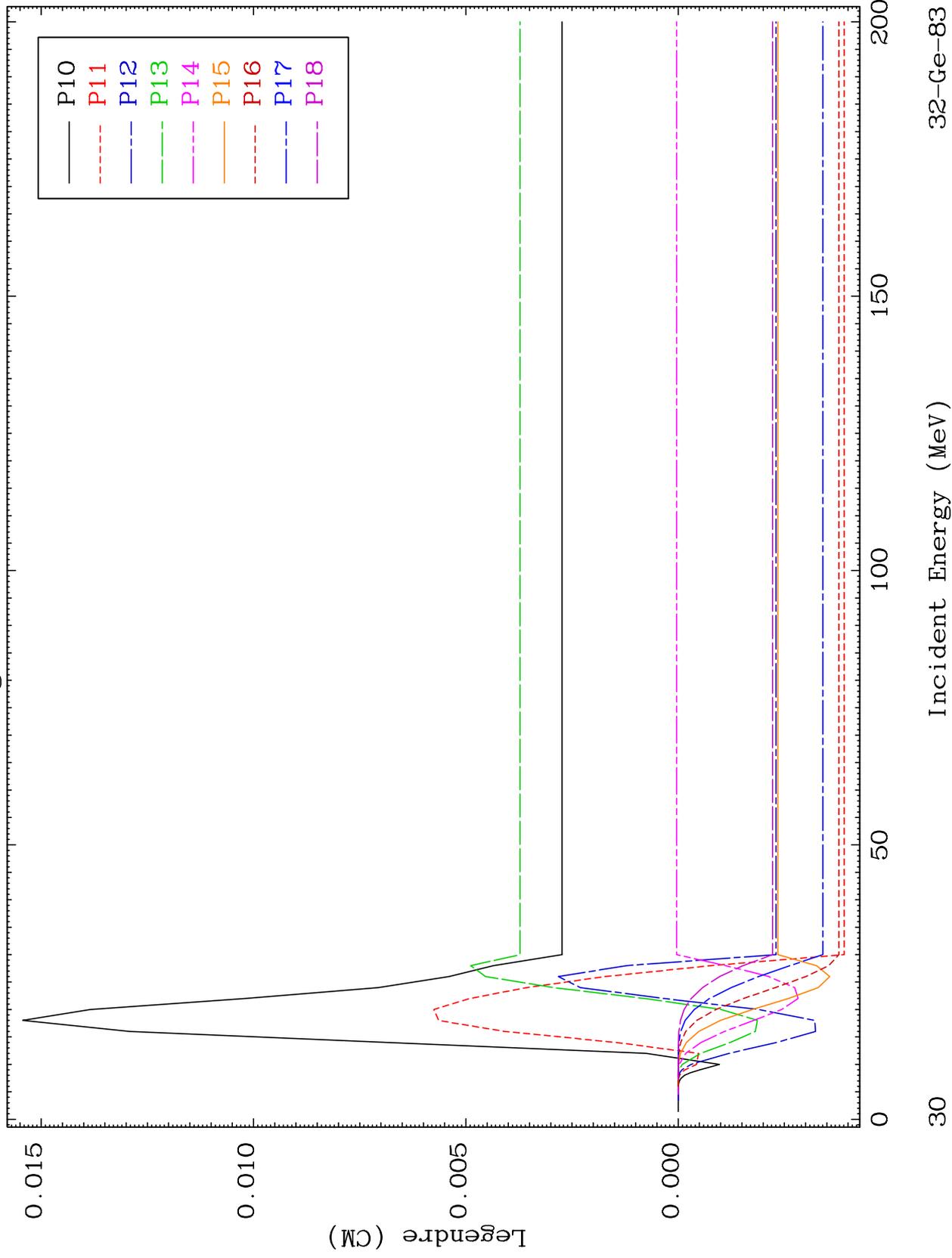


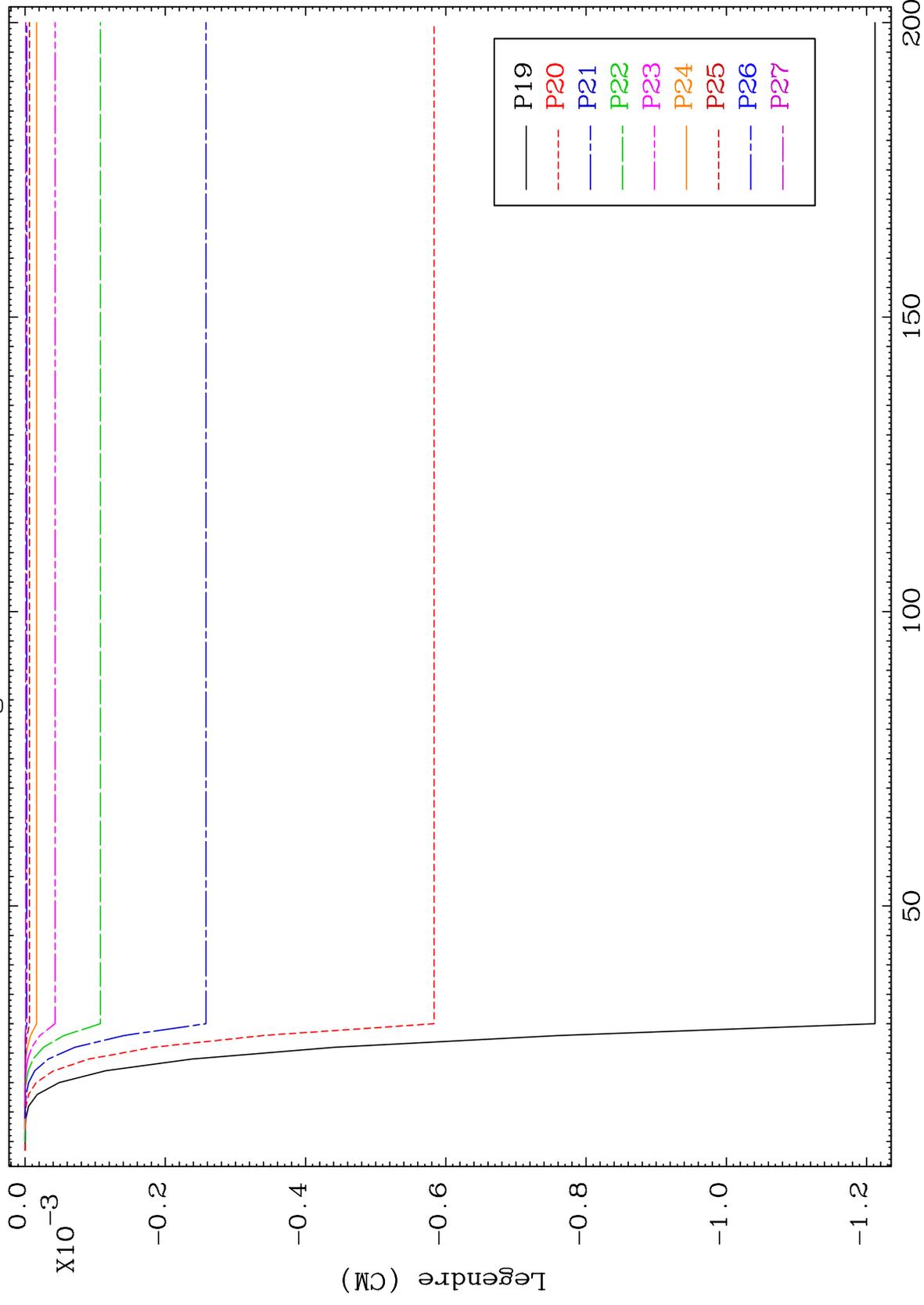


MAT 3264

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

32-Ge-83

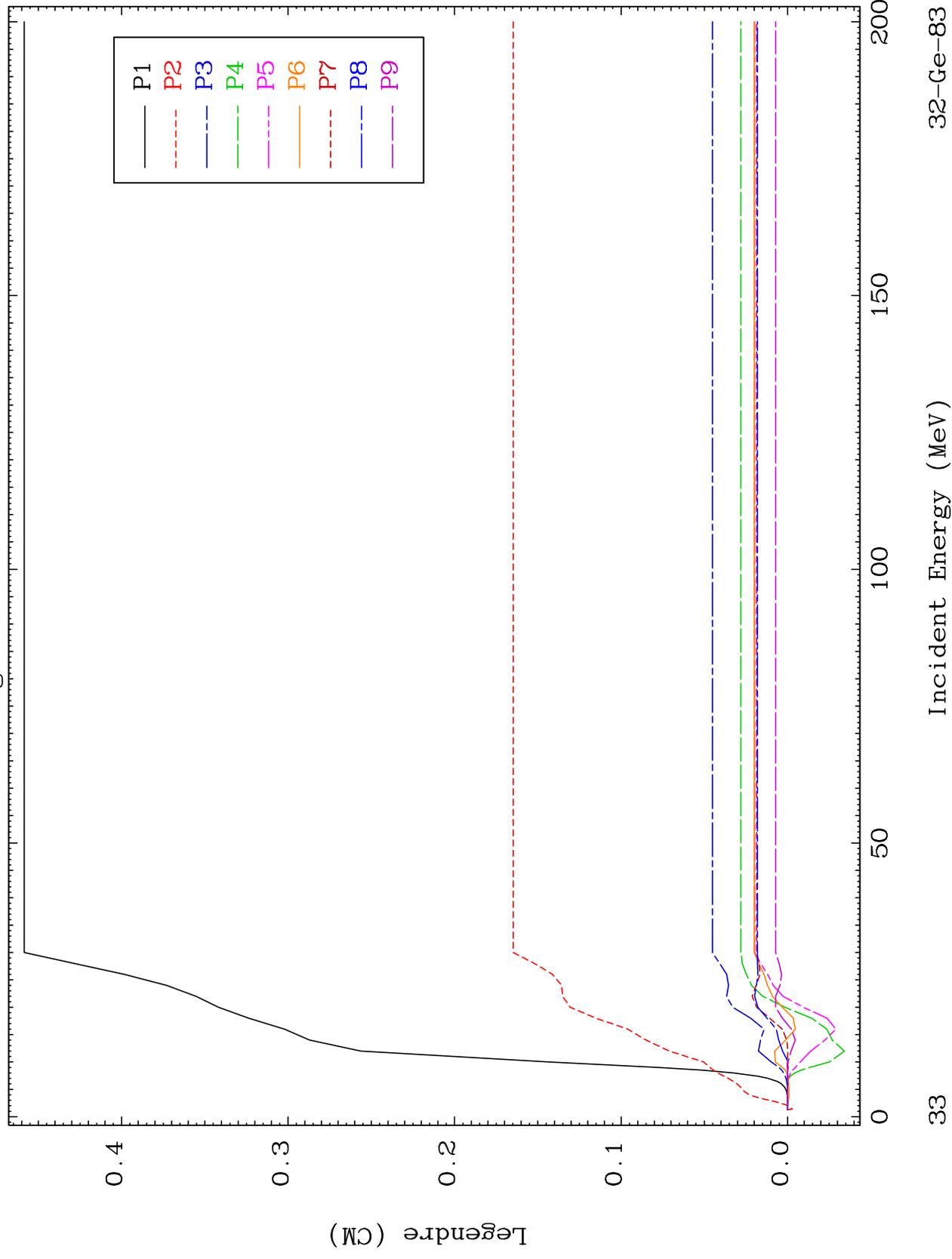




MAT 3264

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

32-Ge-83



33

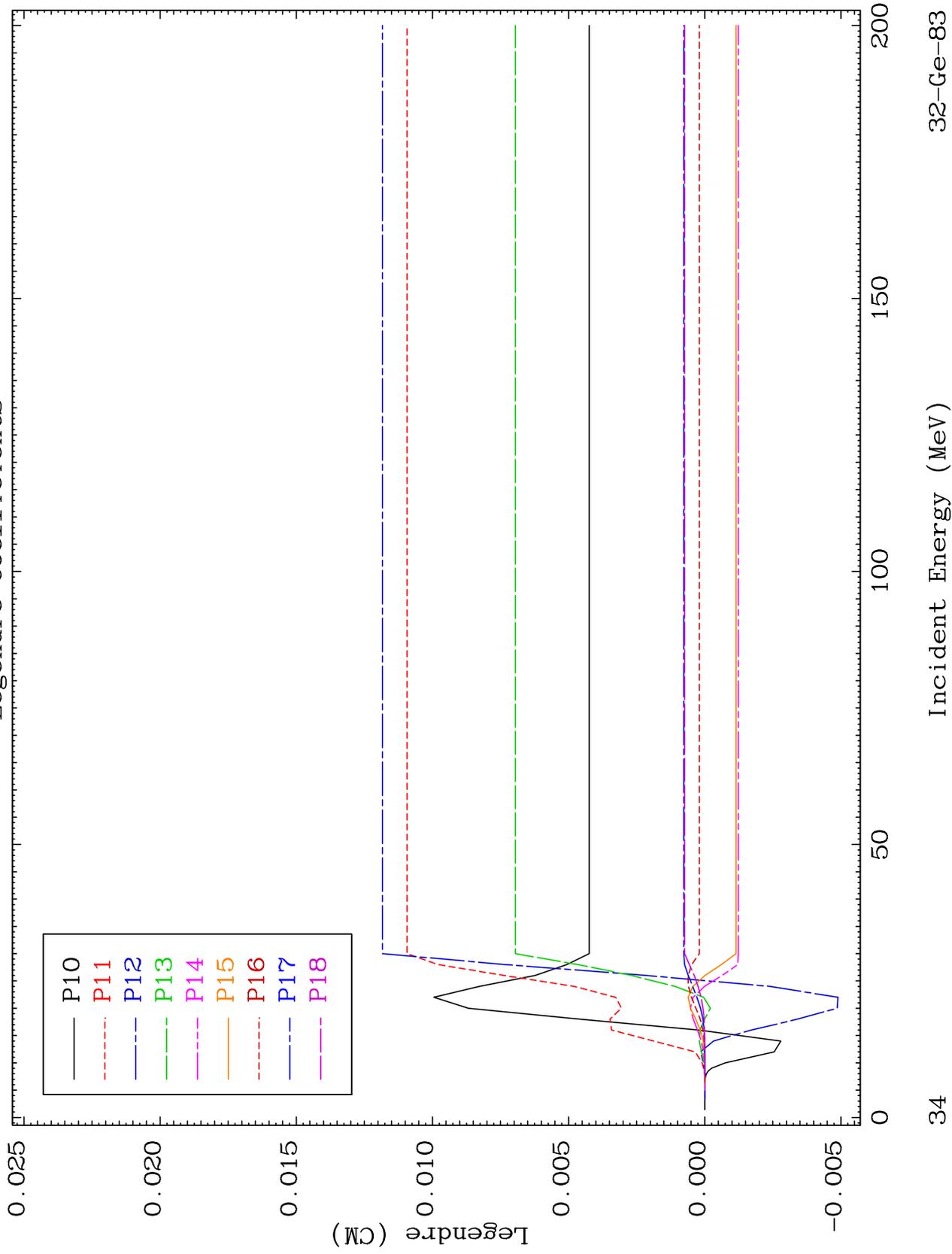
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

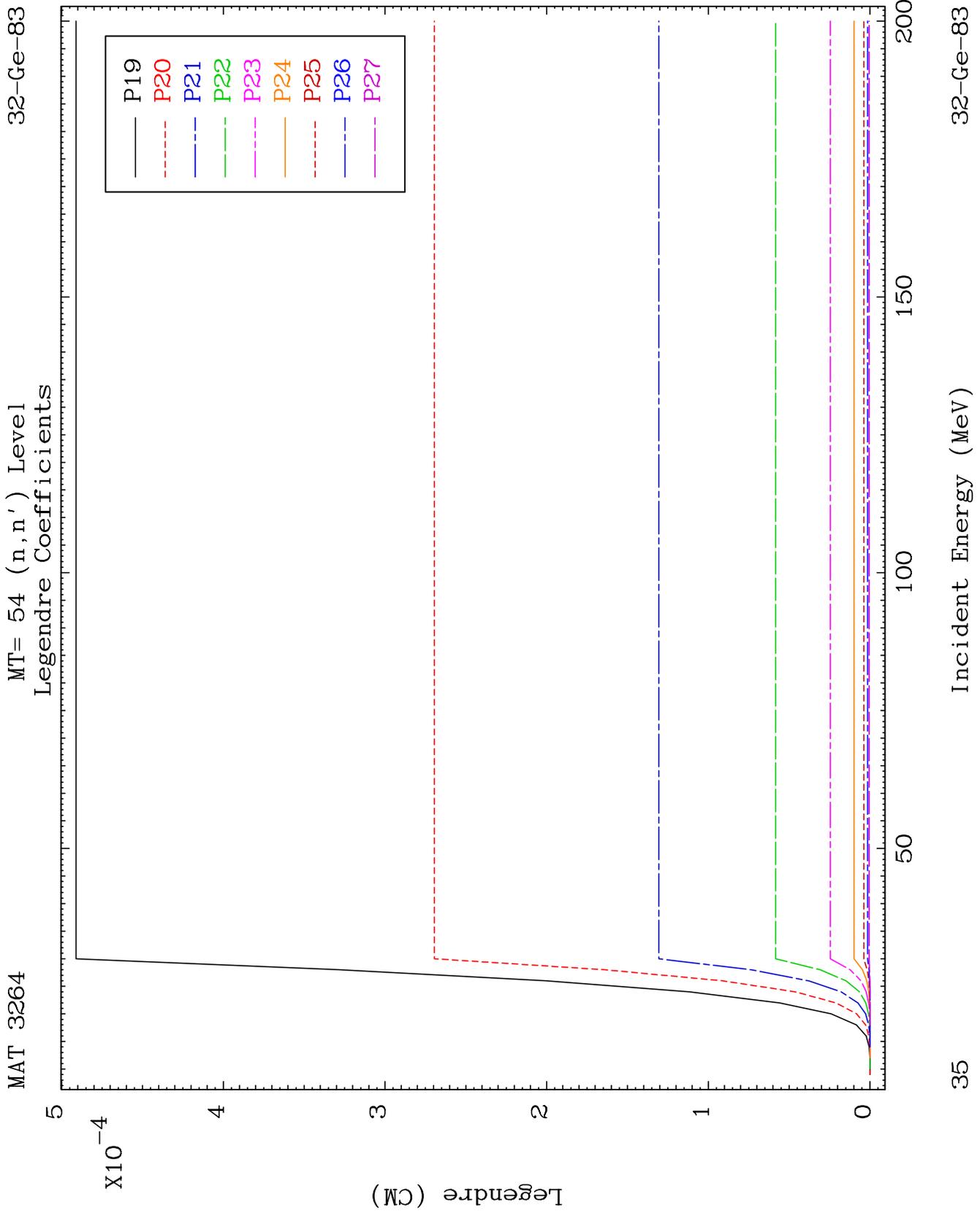
32-Ge-83



34

Incident Energy (MeV)

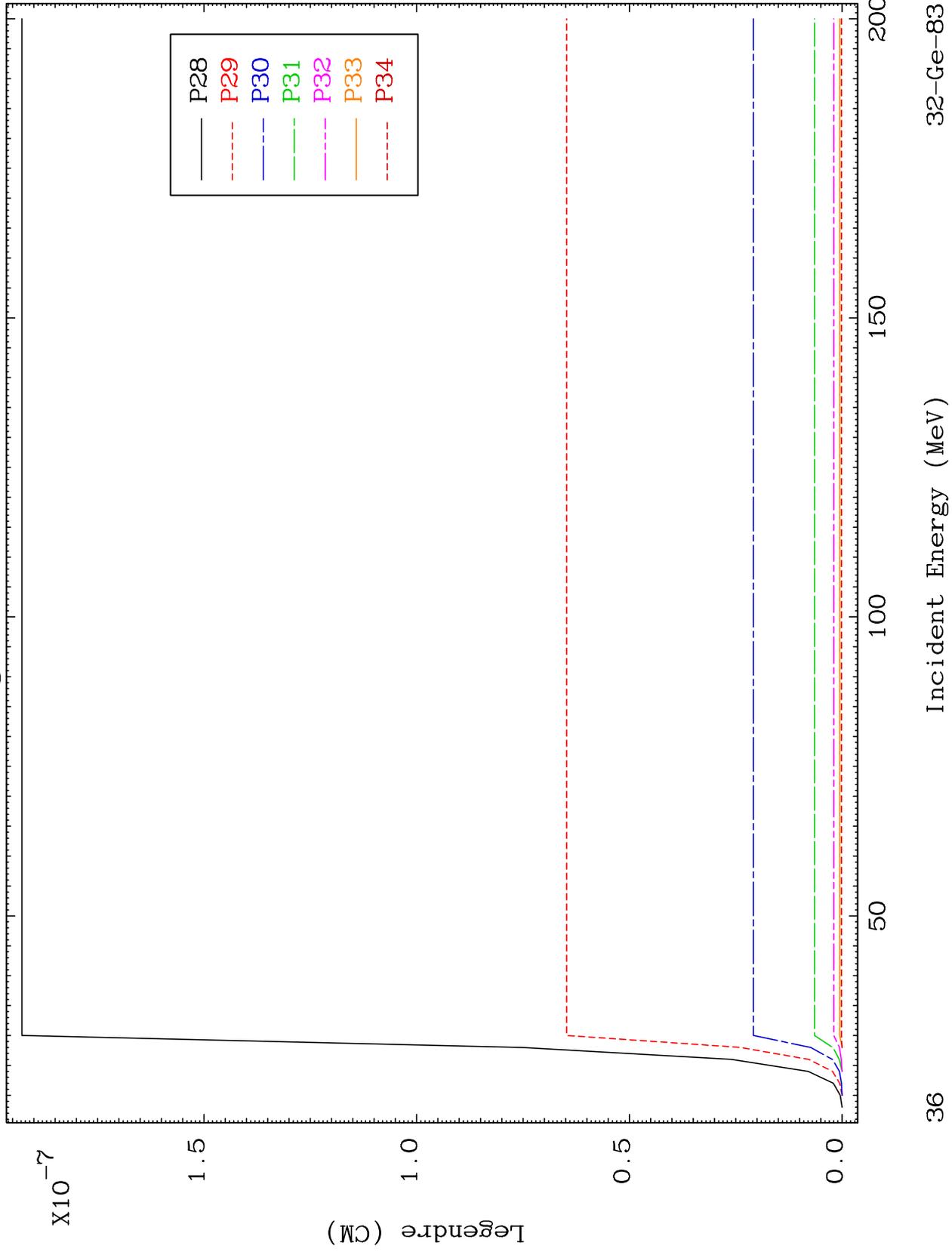
32-Ge-83



MAT 3264

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

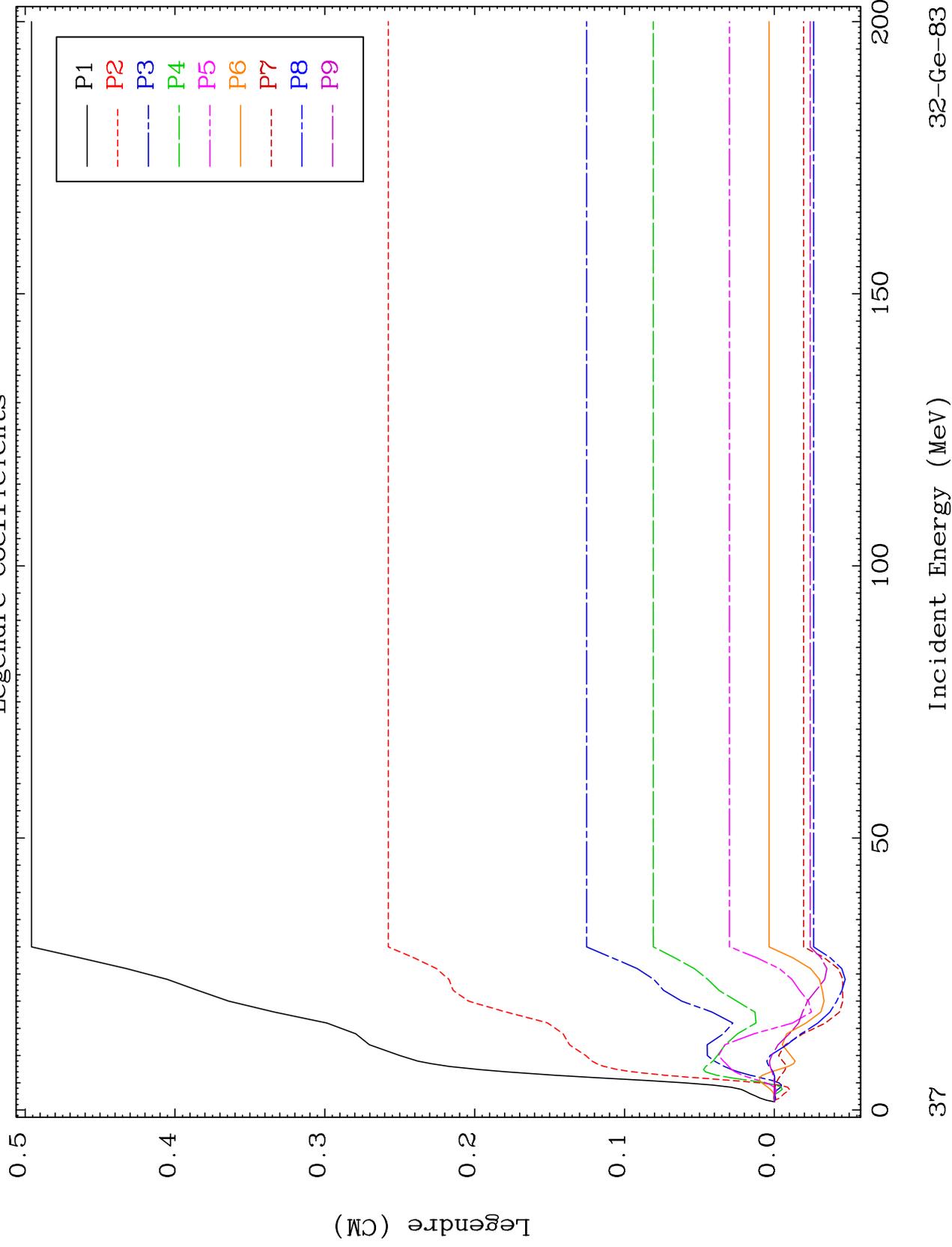
32-Ge-83



MAT 3264

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

32-Ge-83



32-Ge-83

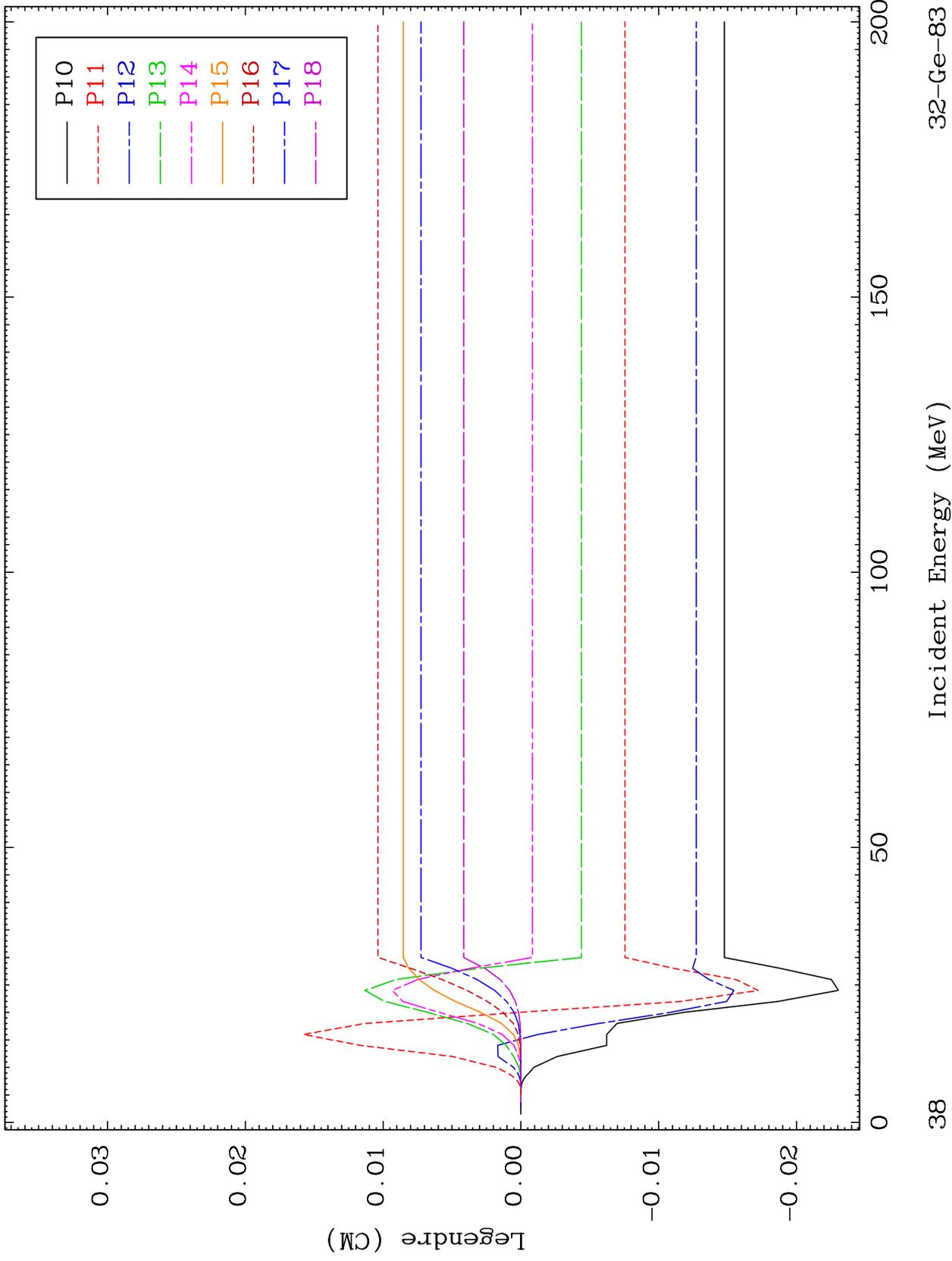
Incident Energy (MeV)

37

MAT 3264

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

32-Ge-83



38

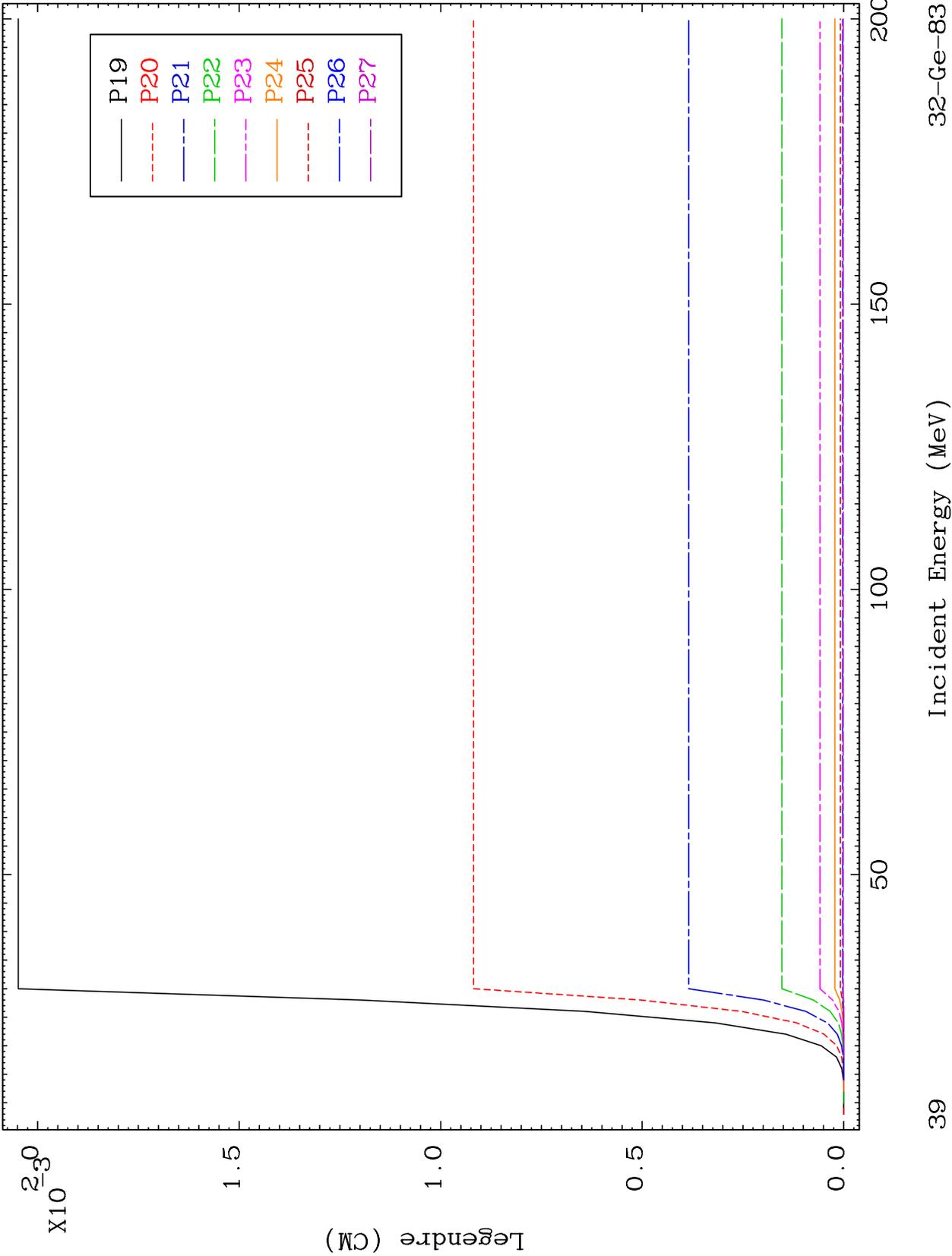
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



39

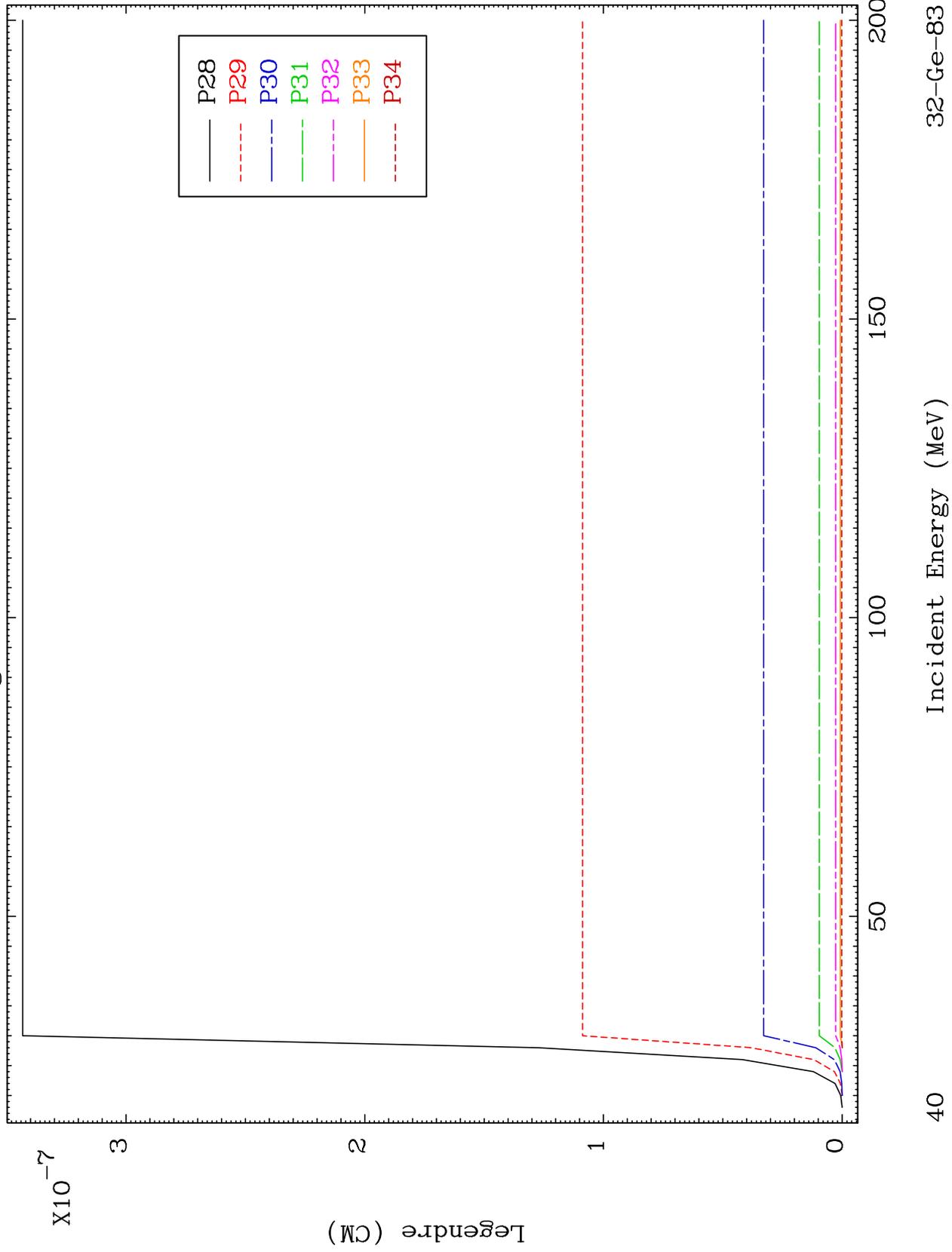
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

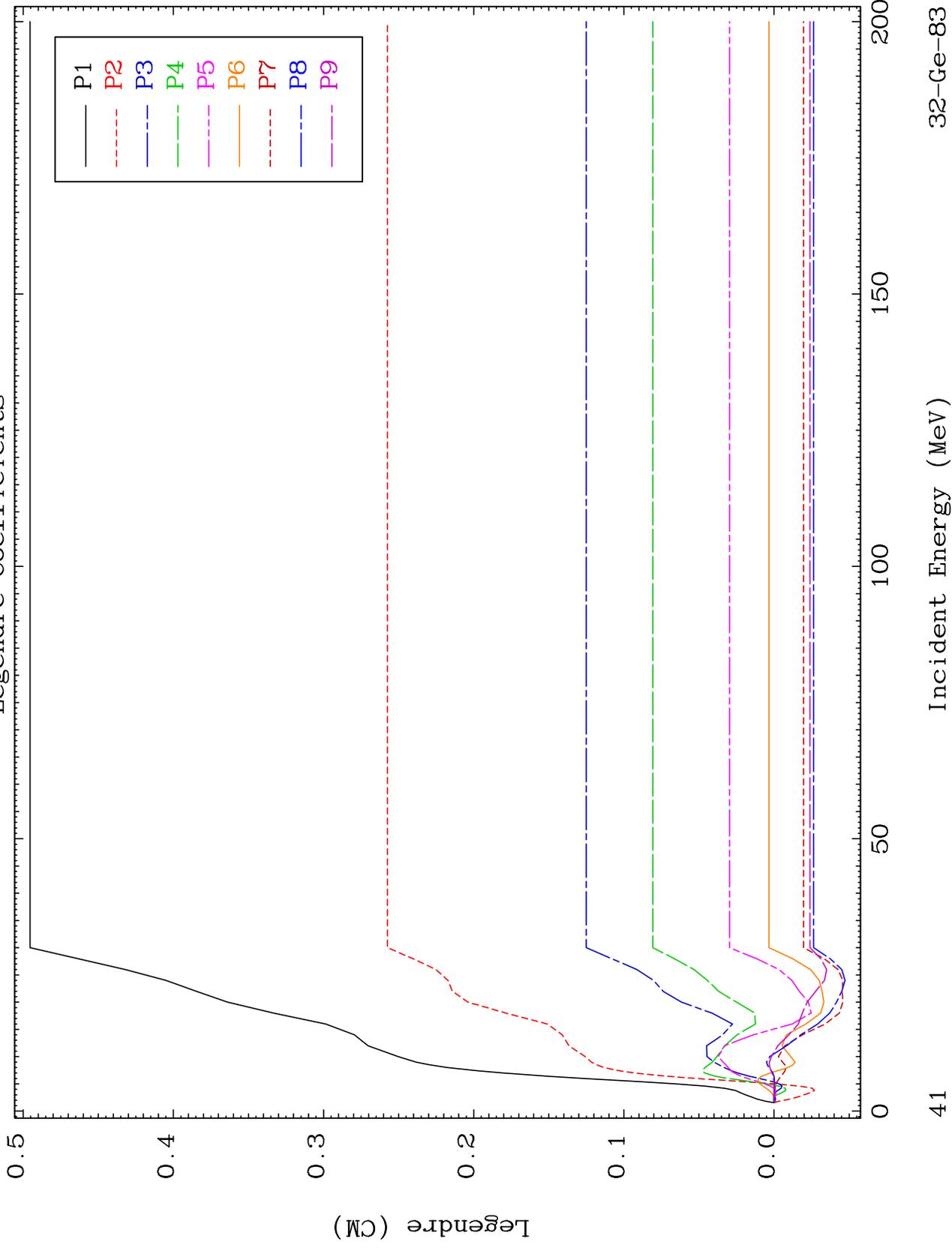
32-Ge-83



MAT 3264

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

32-Ge-83



41

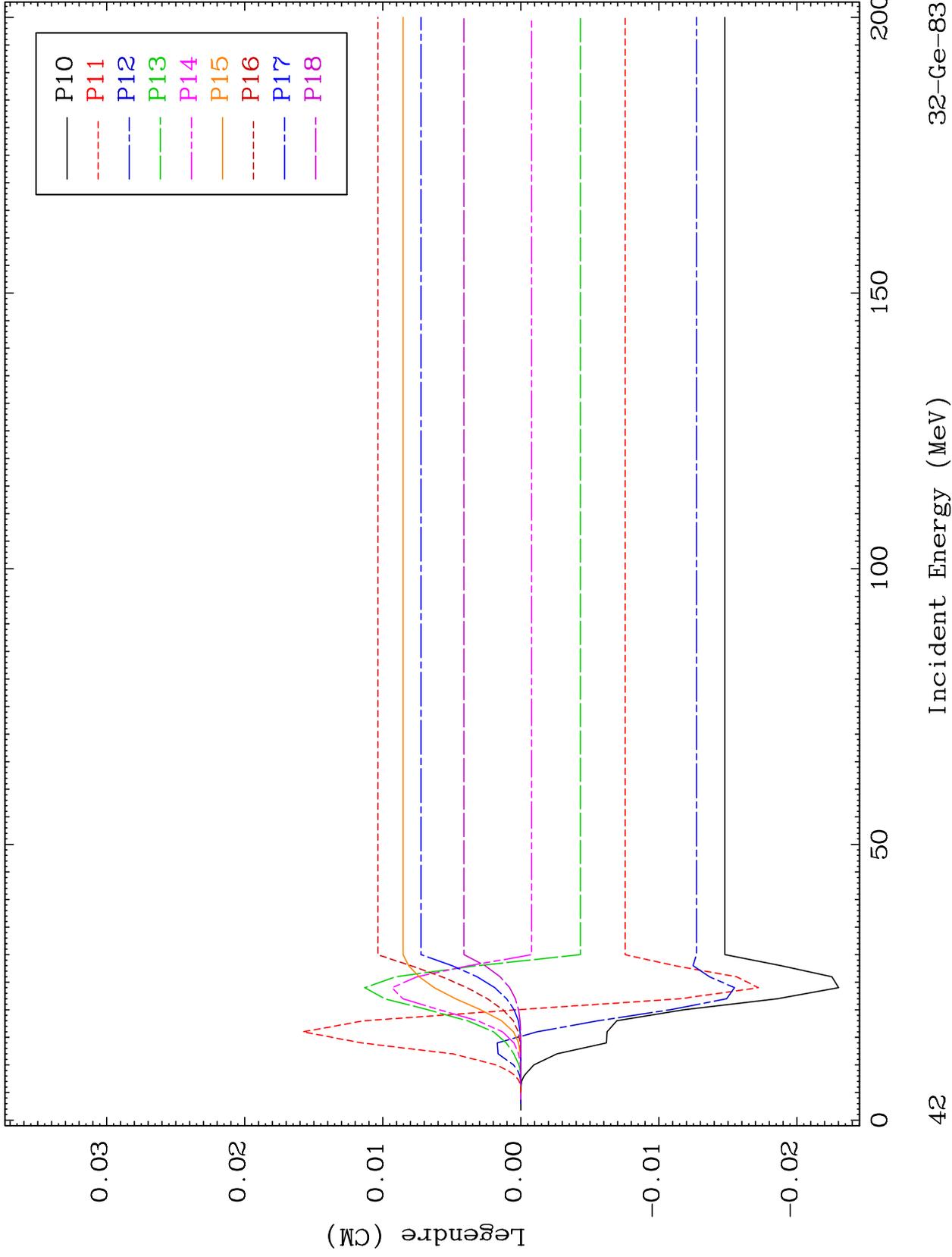
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



32-Ge-83

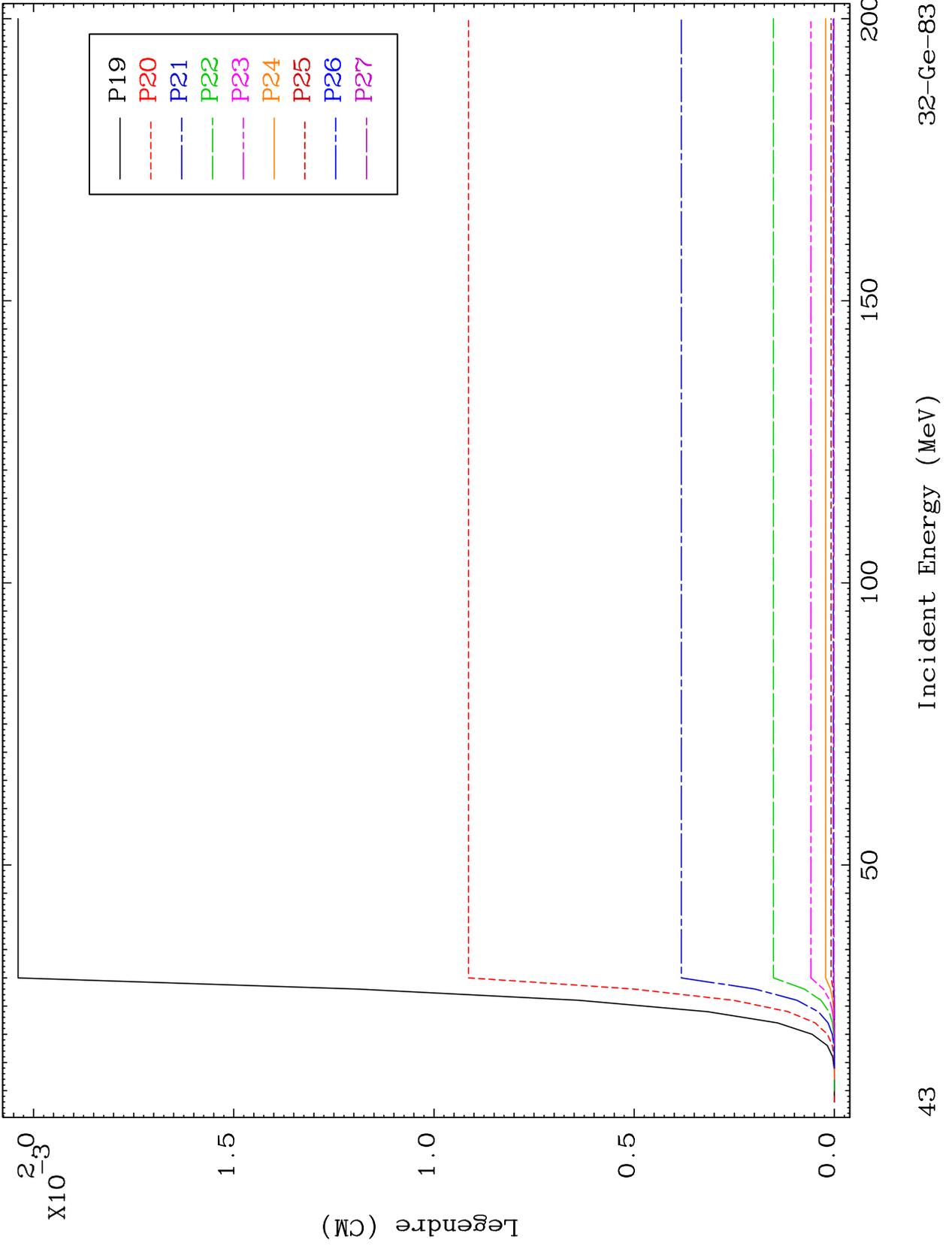
Incident Energy (MeV)

42

MAT 3264

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

32-Ge-83



43

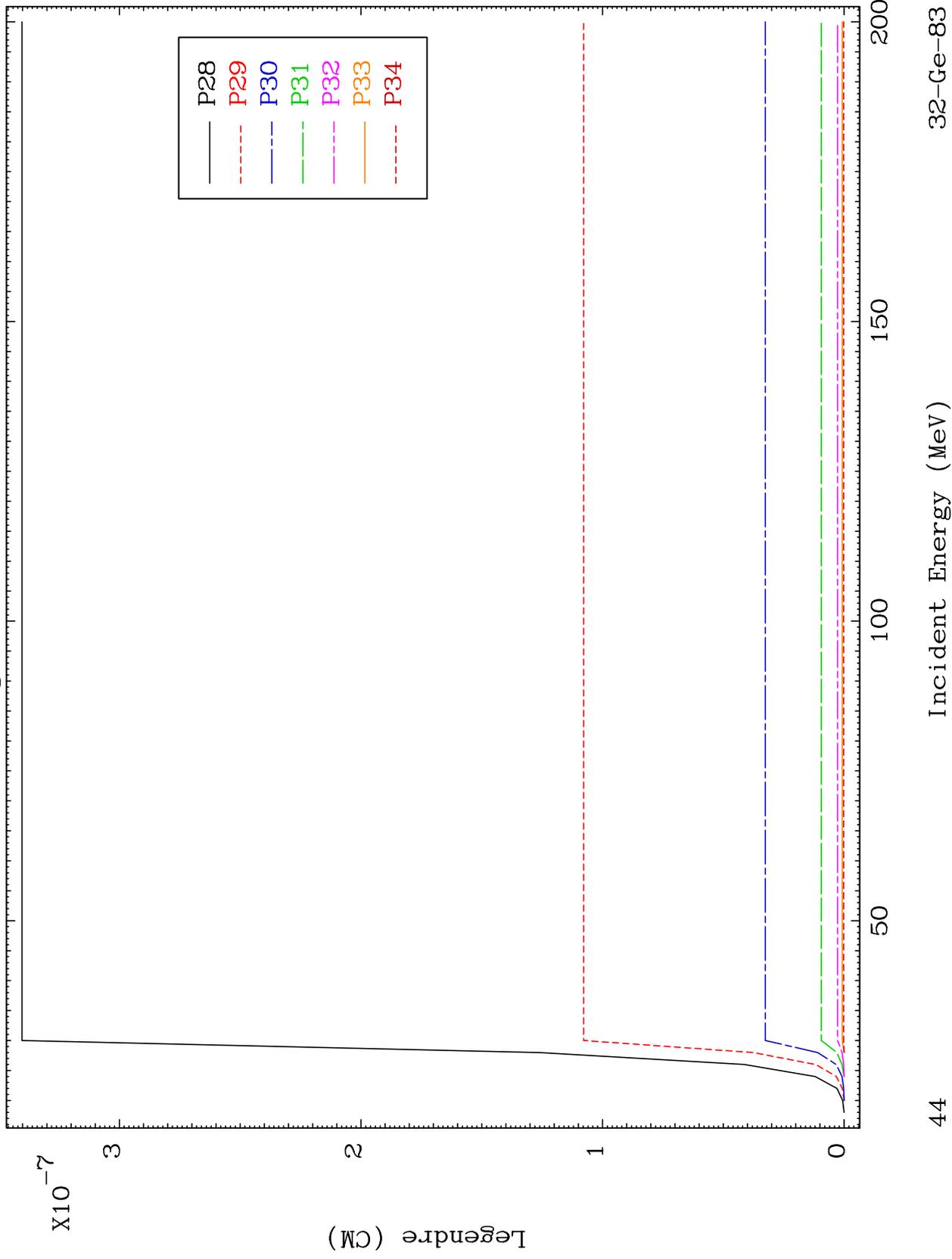
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

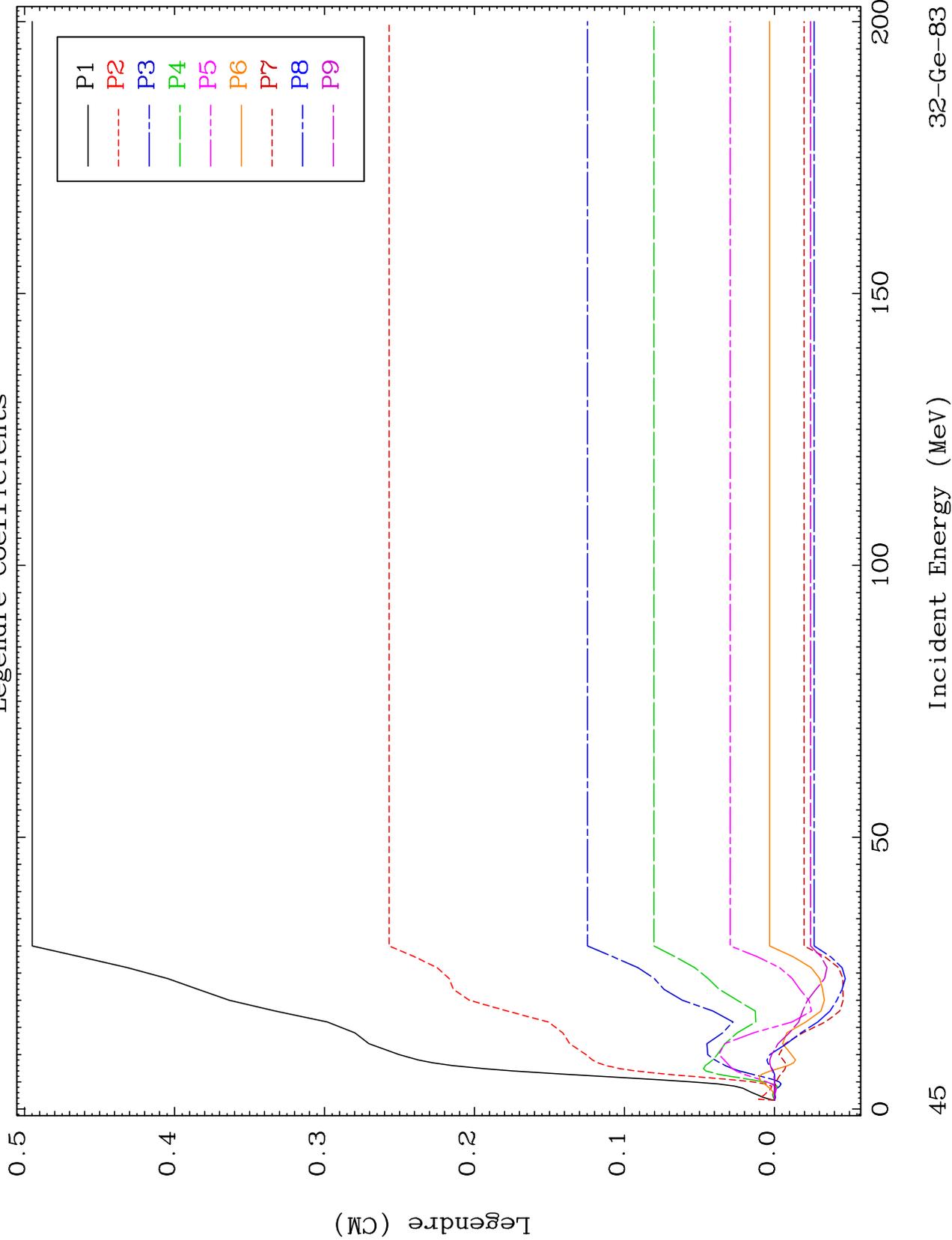
32-Ge-83



MAT 3264

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

32-Ge-83



32-Ge-83

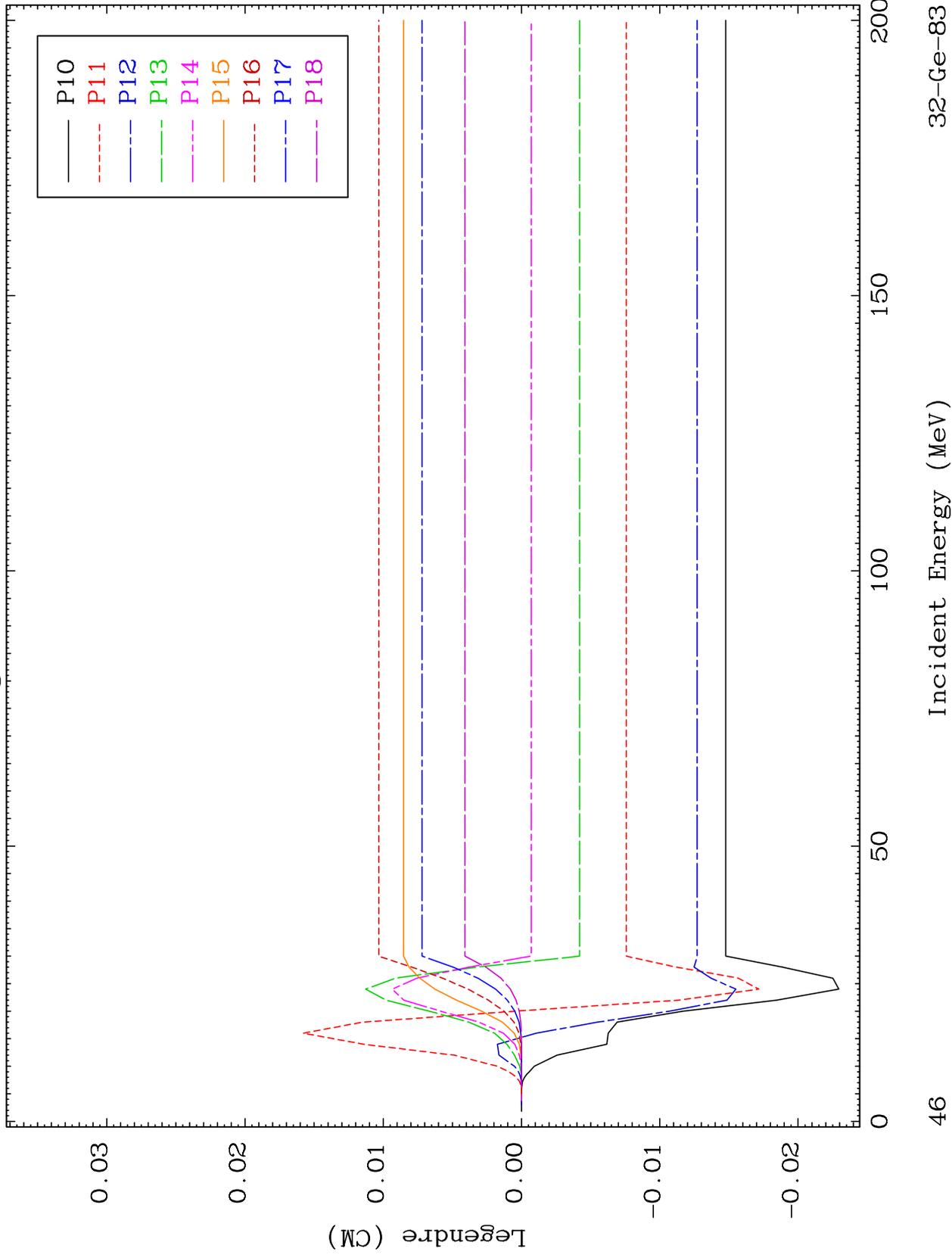
Incident Energy (MeV)

45

MAT 3264

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

32-Ge-83



46

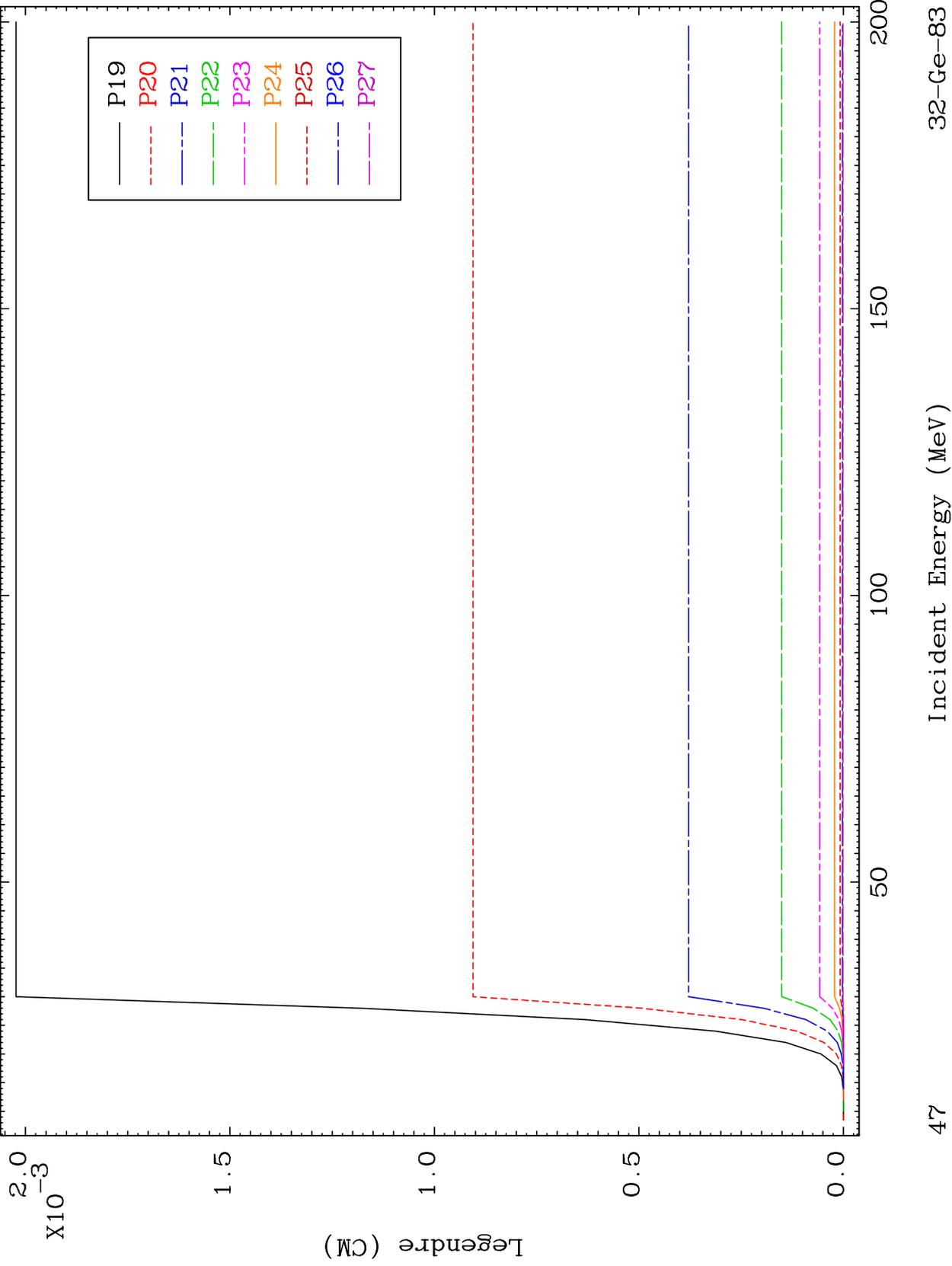
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

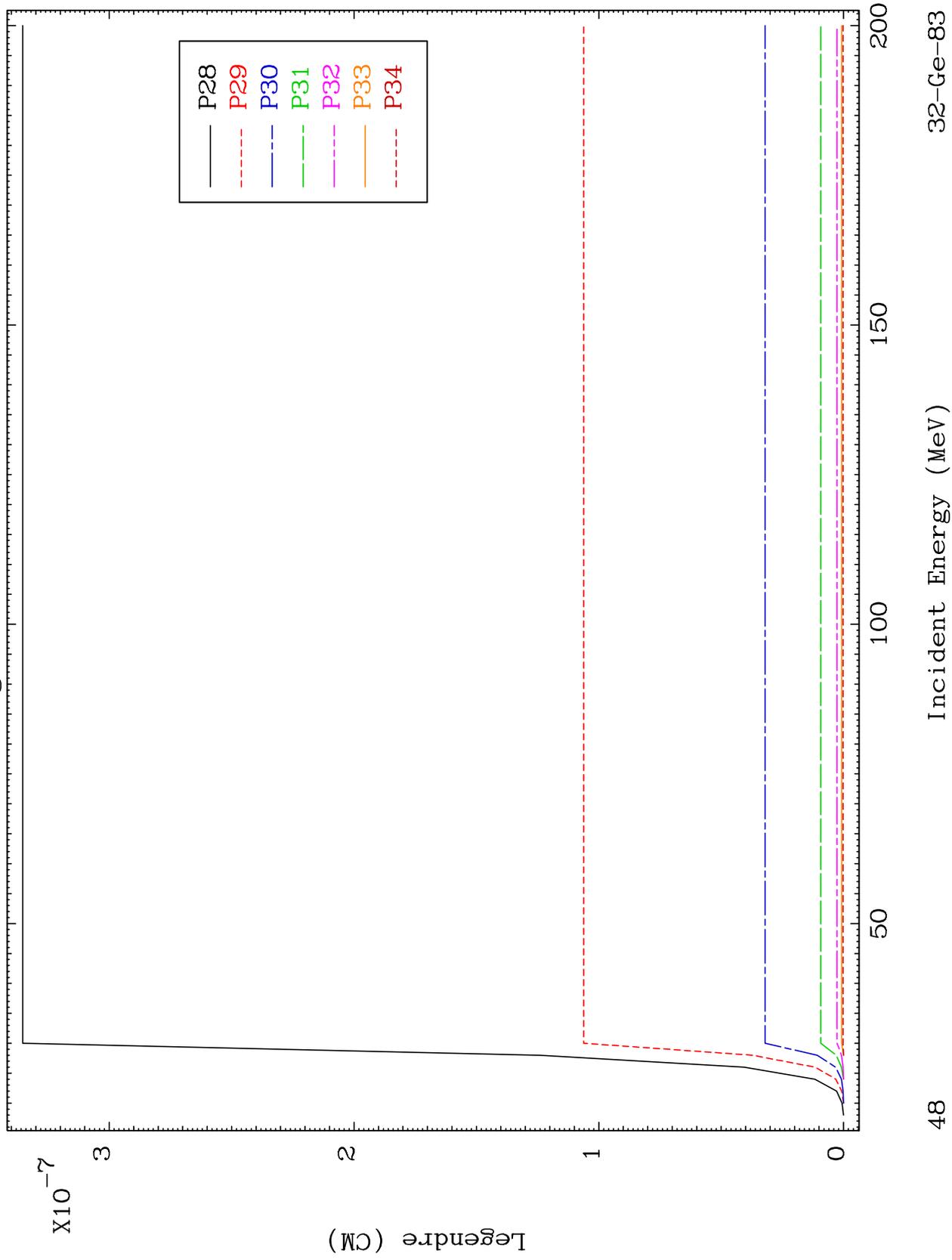
32-Ge-83



MAT 3264

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

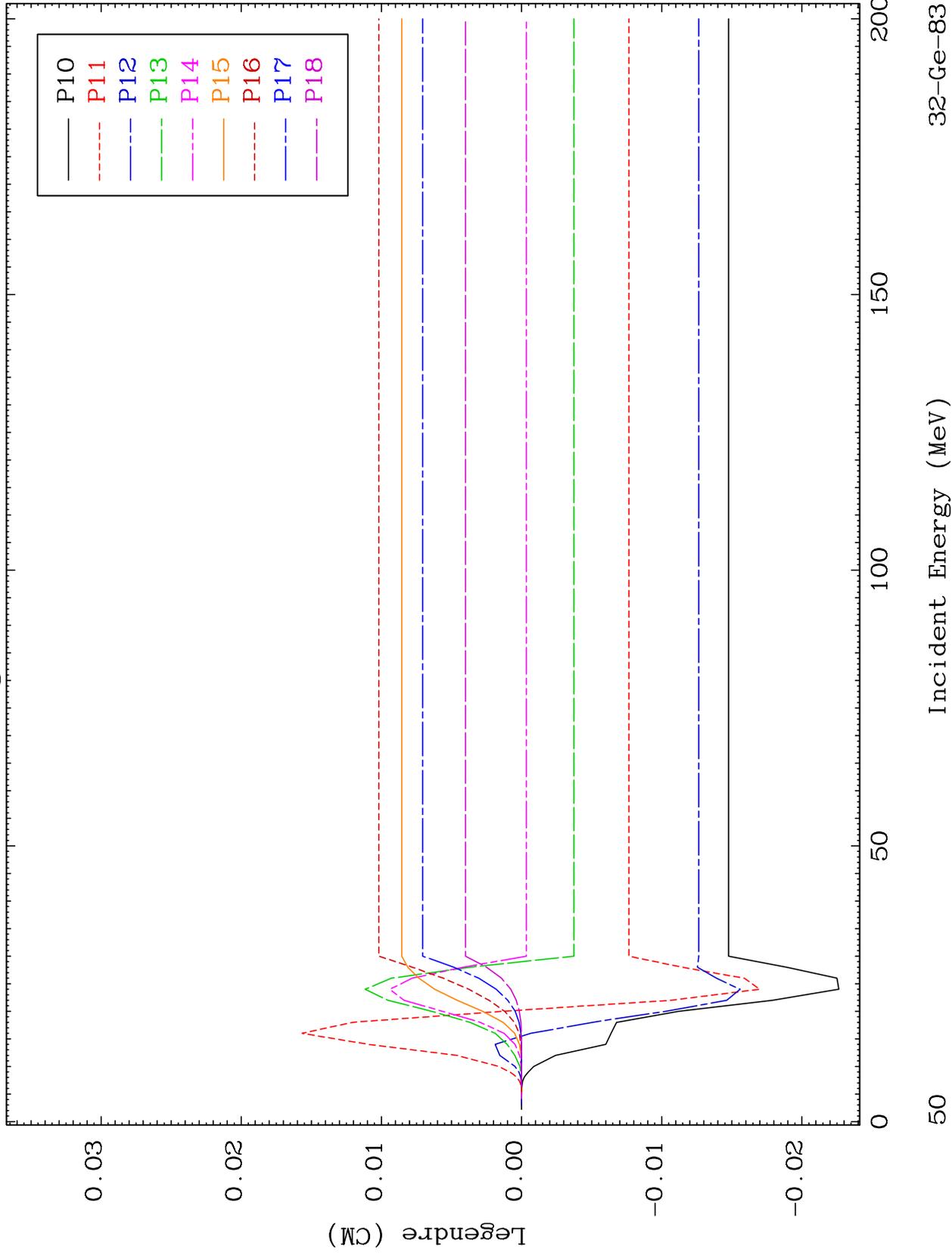
32-Ge-83



MAT 3264

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

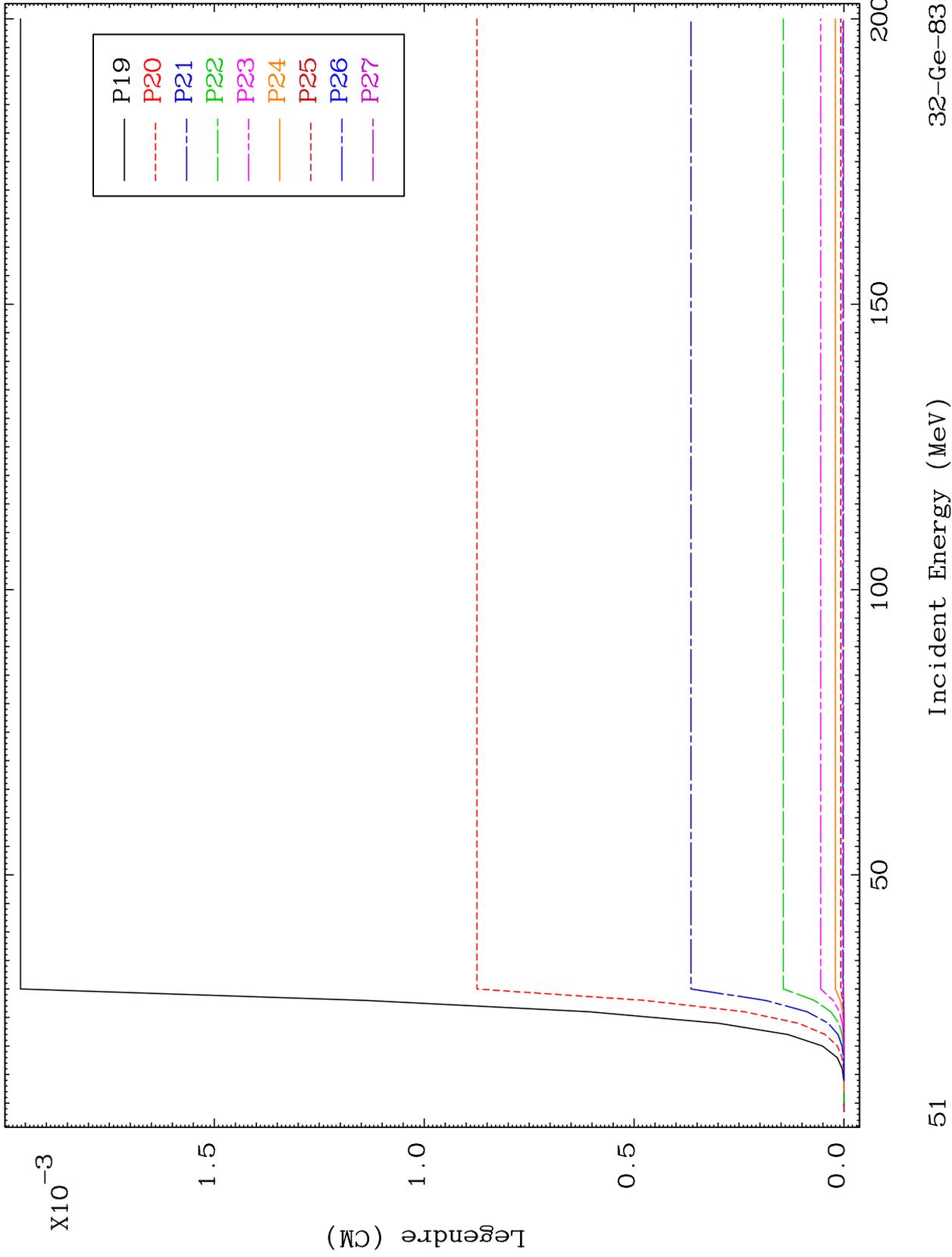
32-Ge-83



32-Ge-83

Incident Energy (MeV)

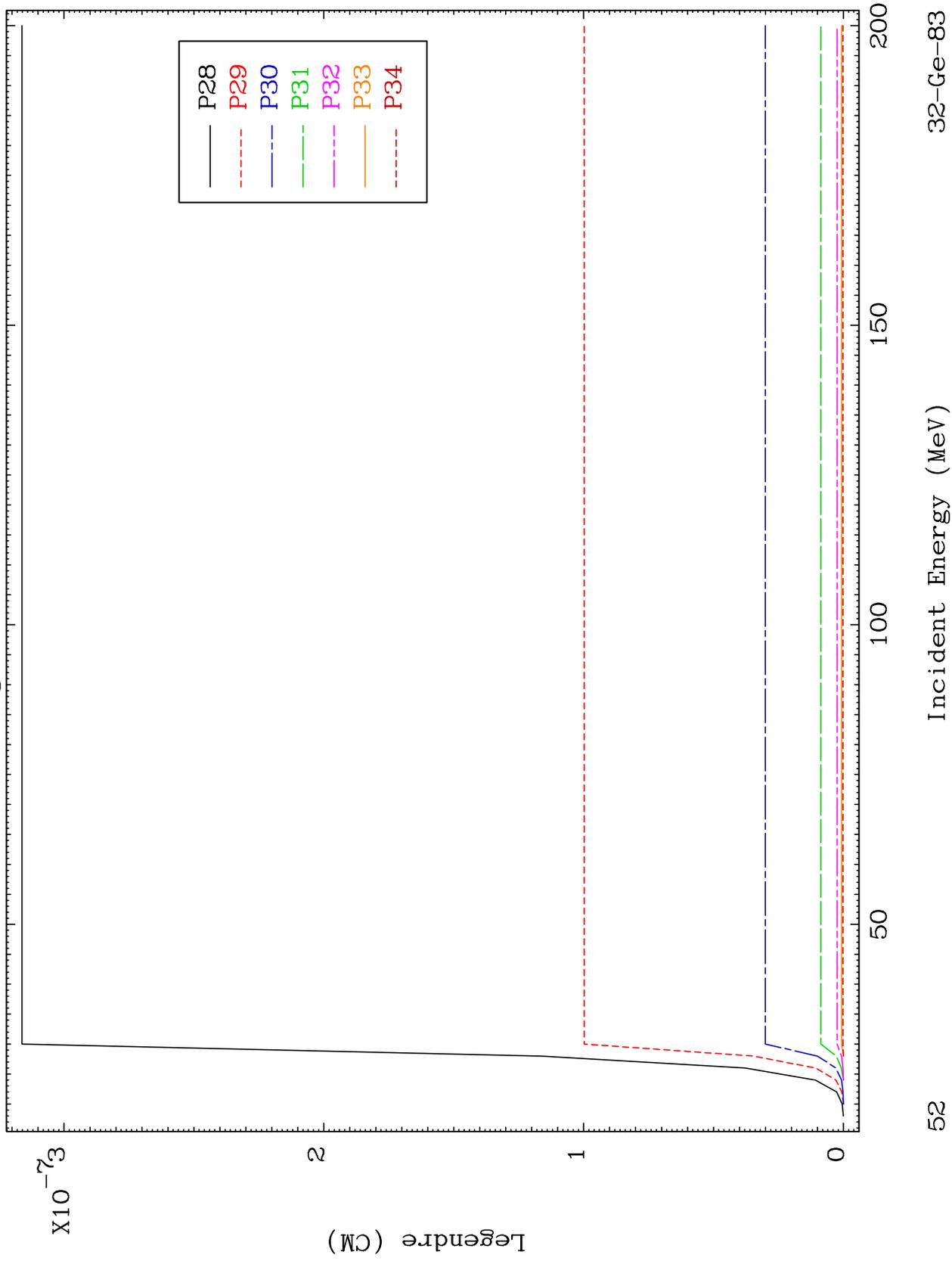
50



MAT 3264

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

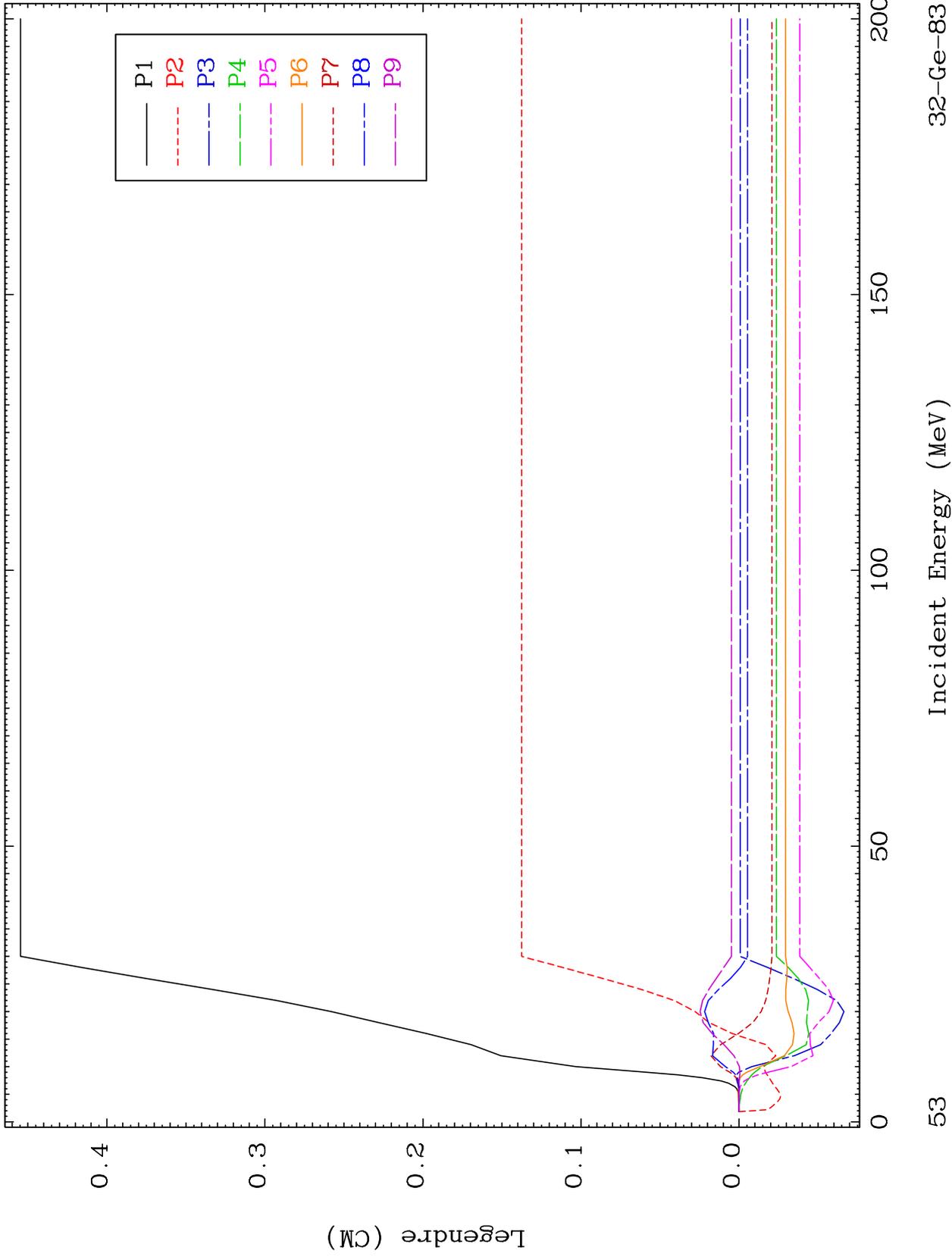
32-Ge-83



MAT 3264

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

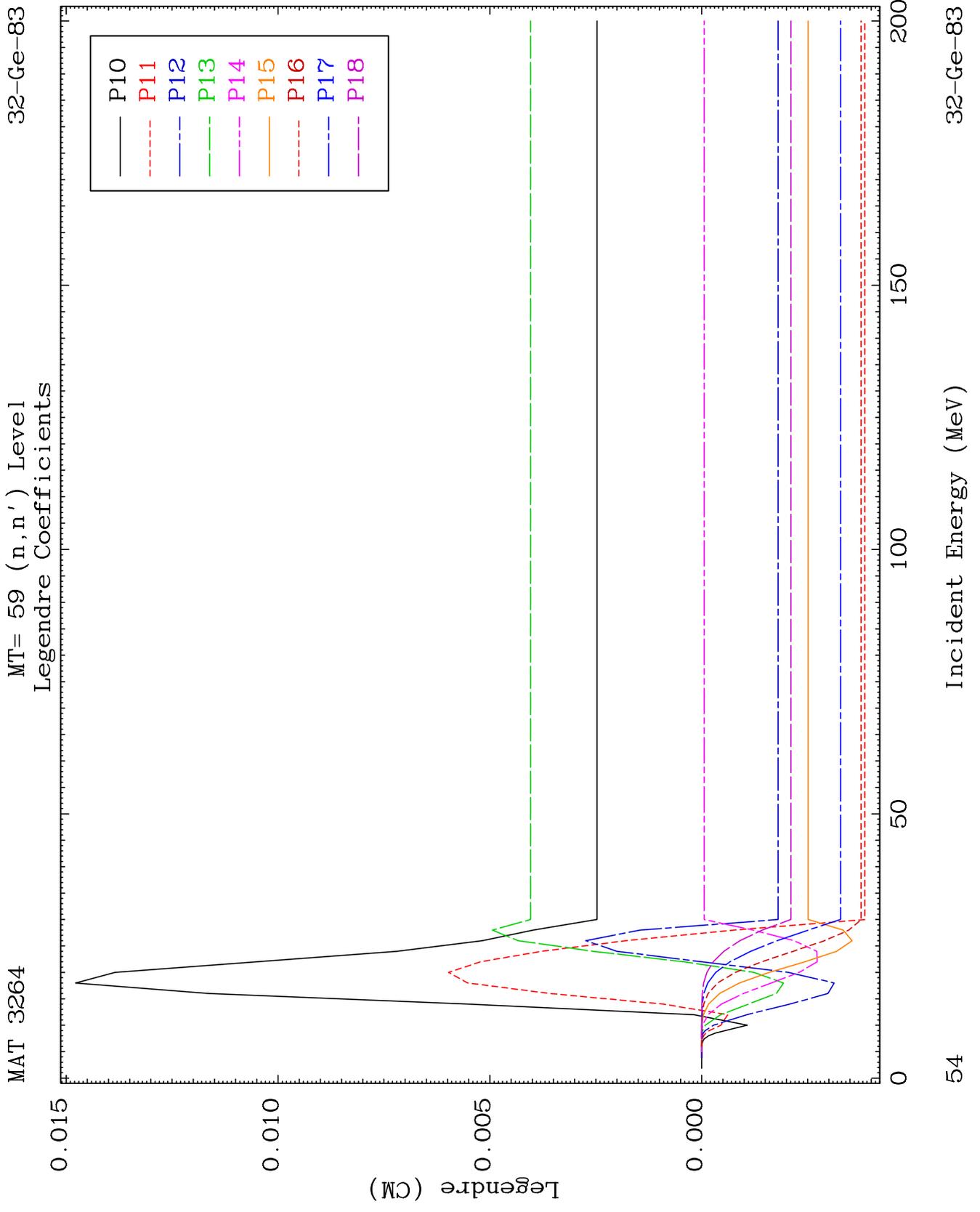
32-Ge-83

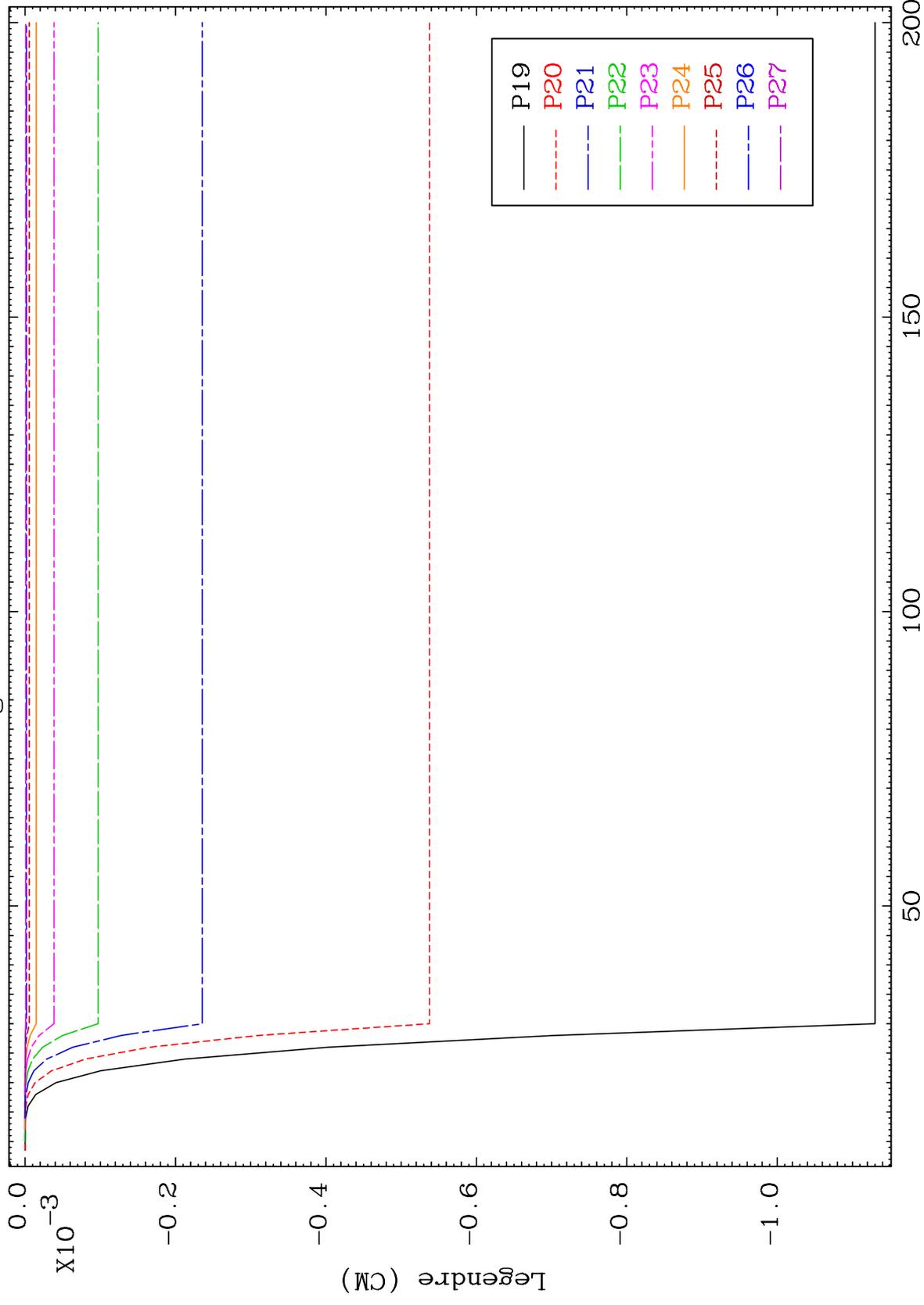


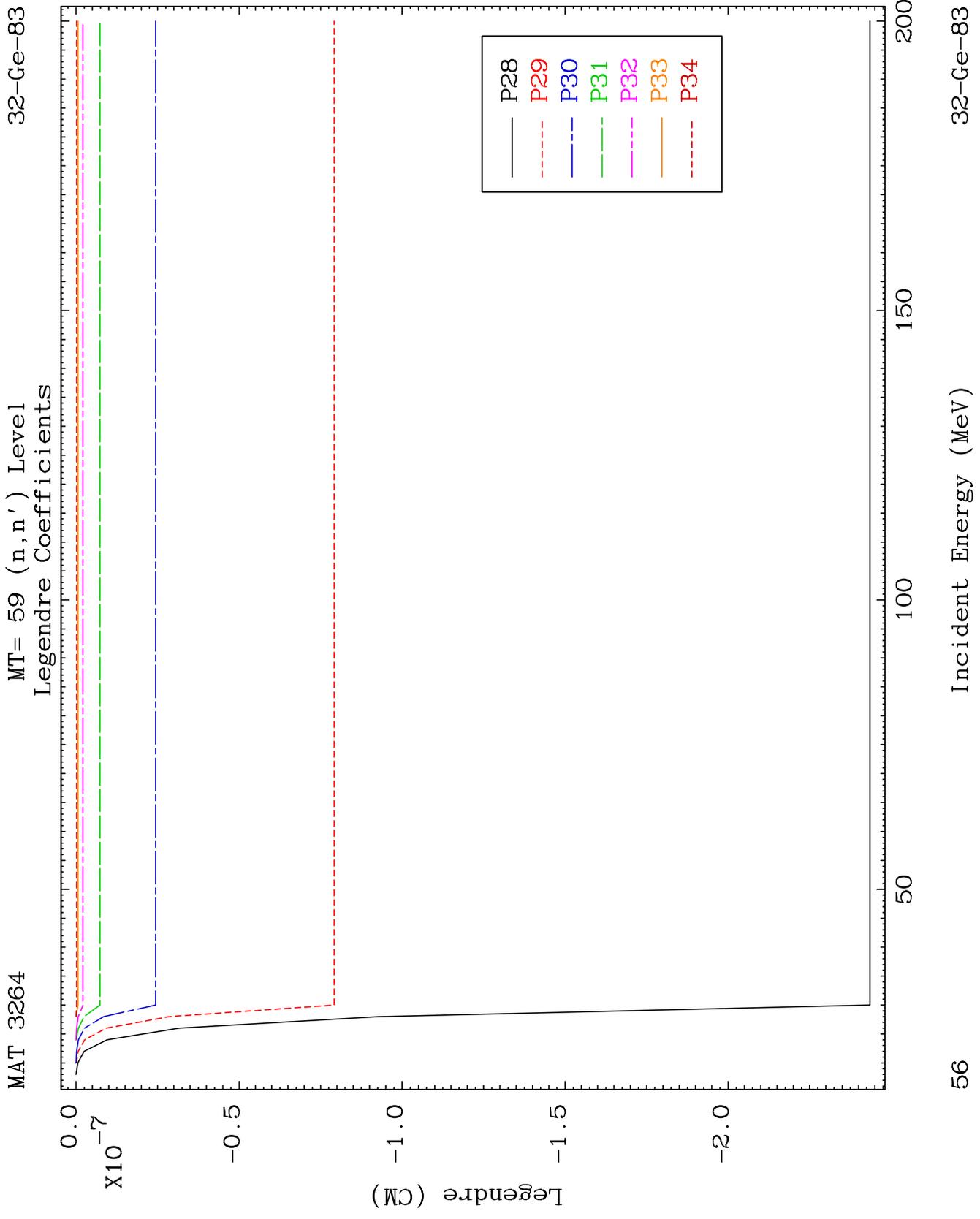
53

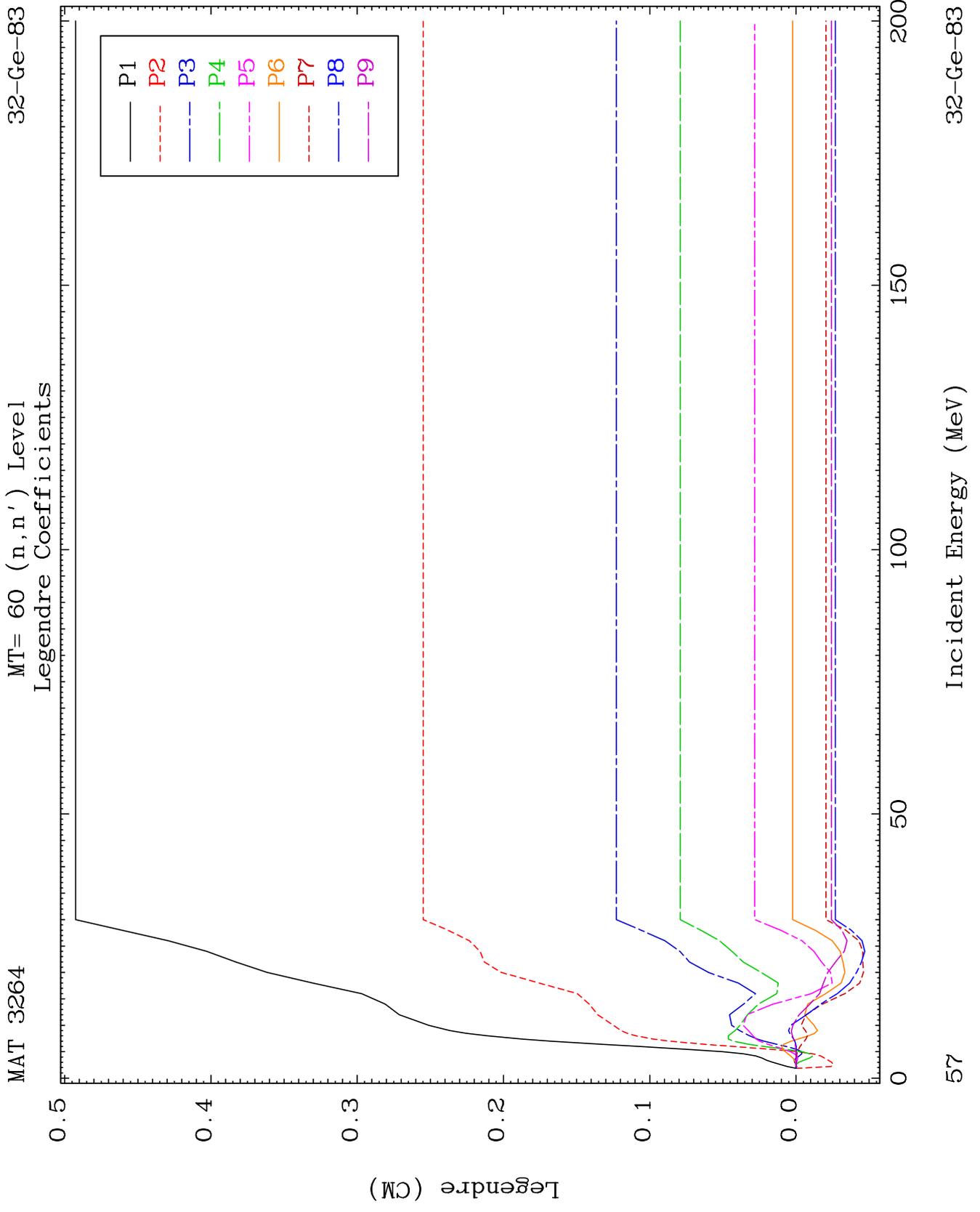
Incident Energy (MeV)

32-Ge-83





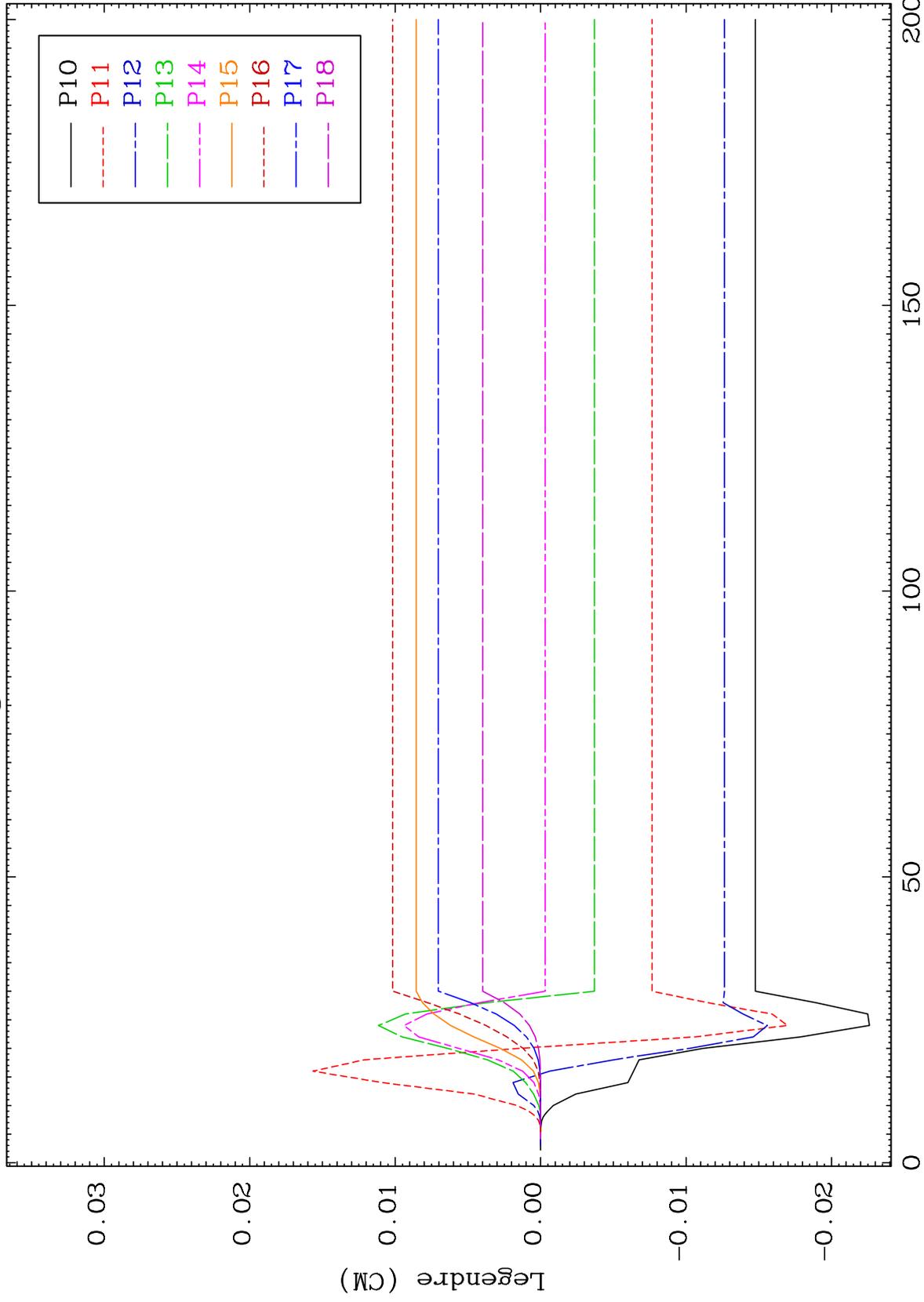




MAT 3264

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

32-Ge-83



58

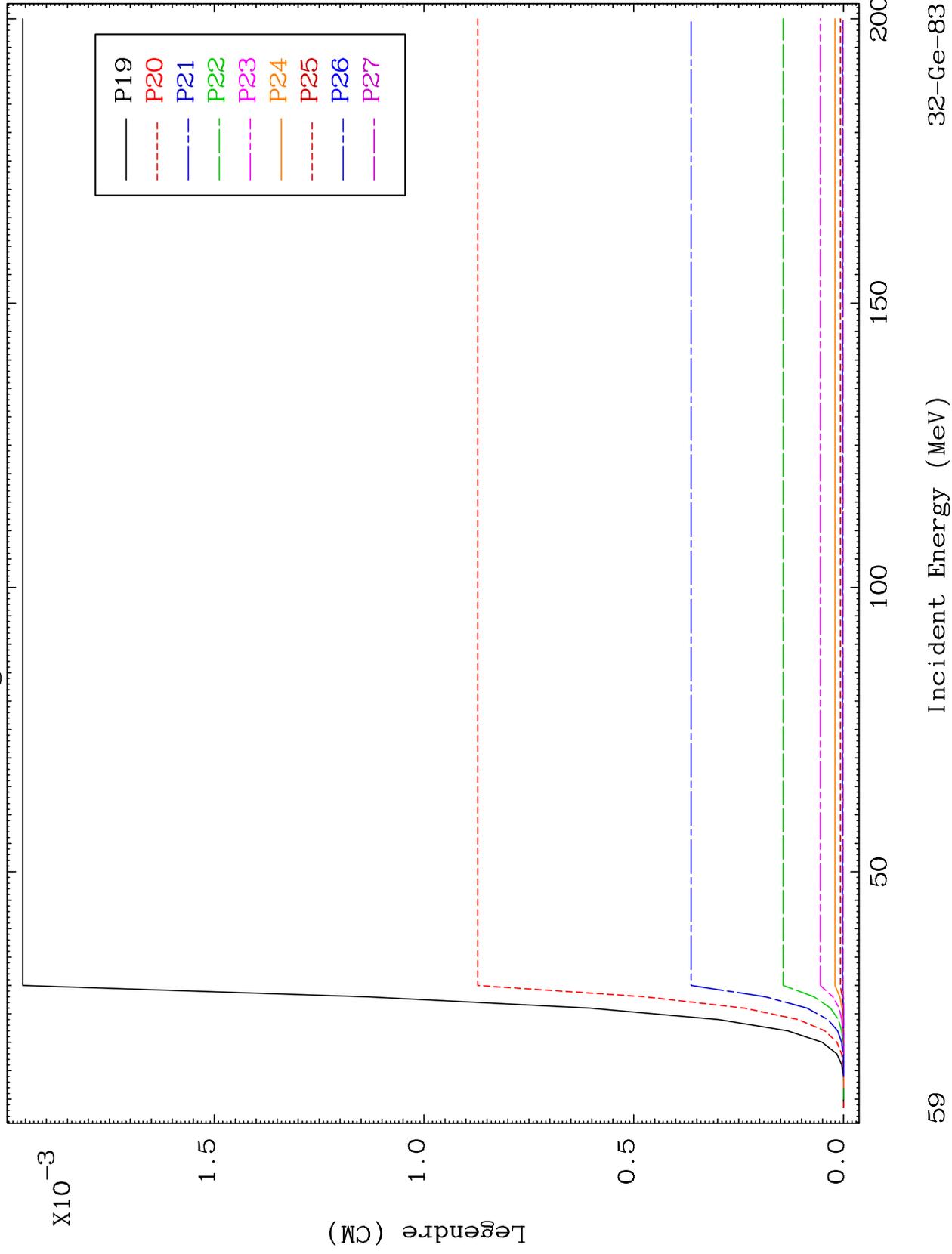
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



59

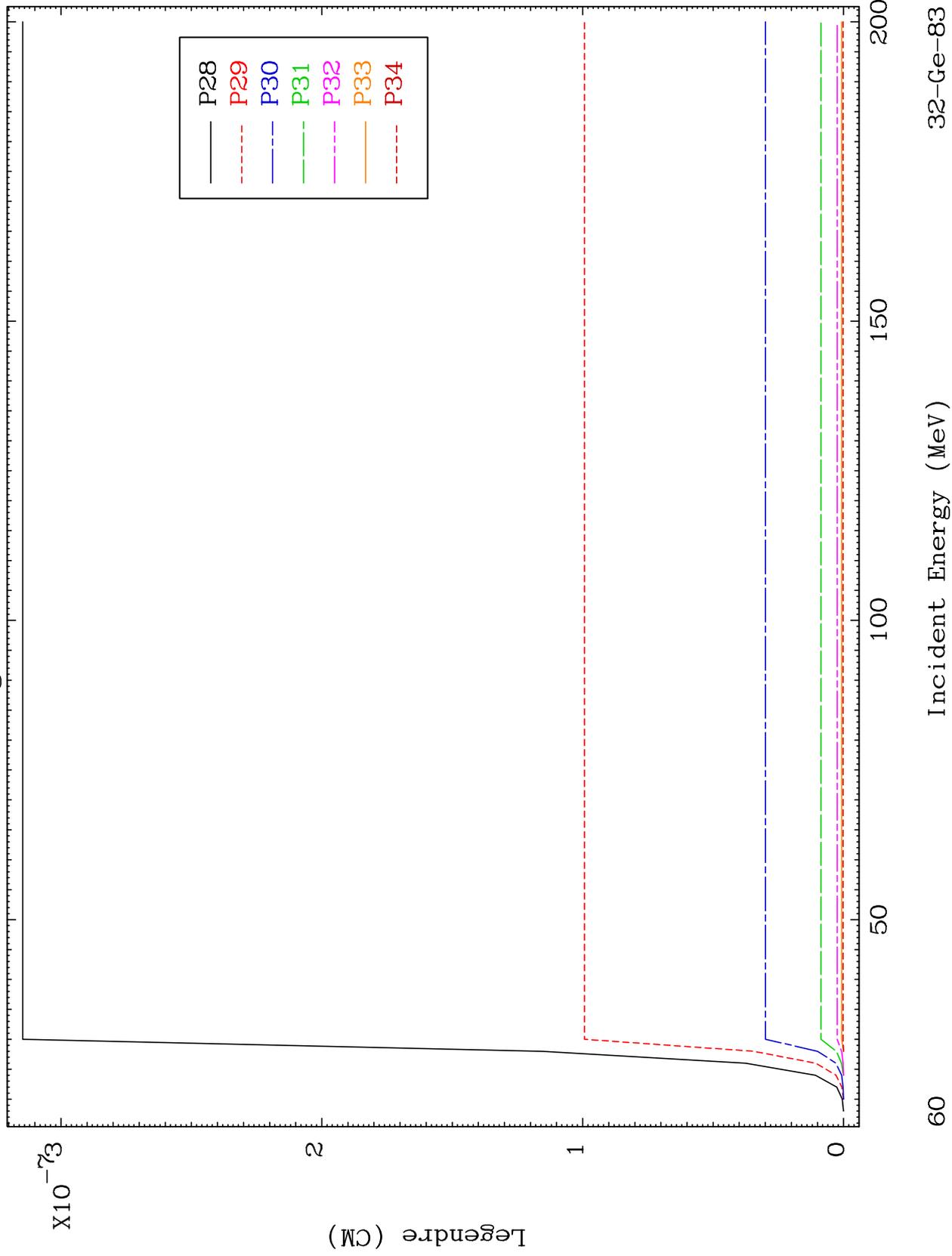
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

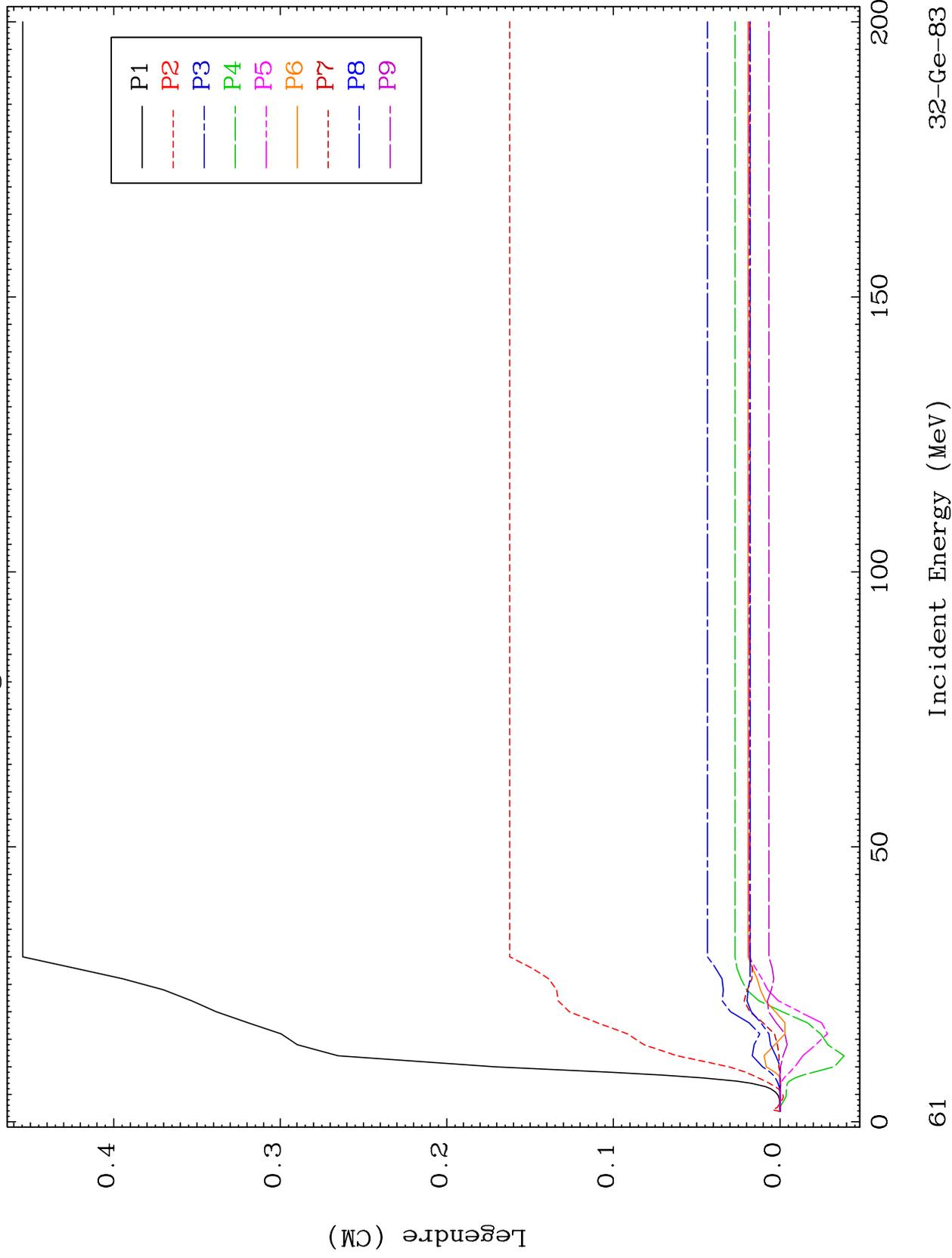
32-Ge-83



MAT 3264

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

32-Ge-83



32-Ge-83

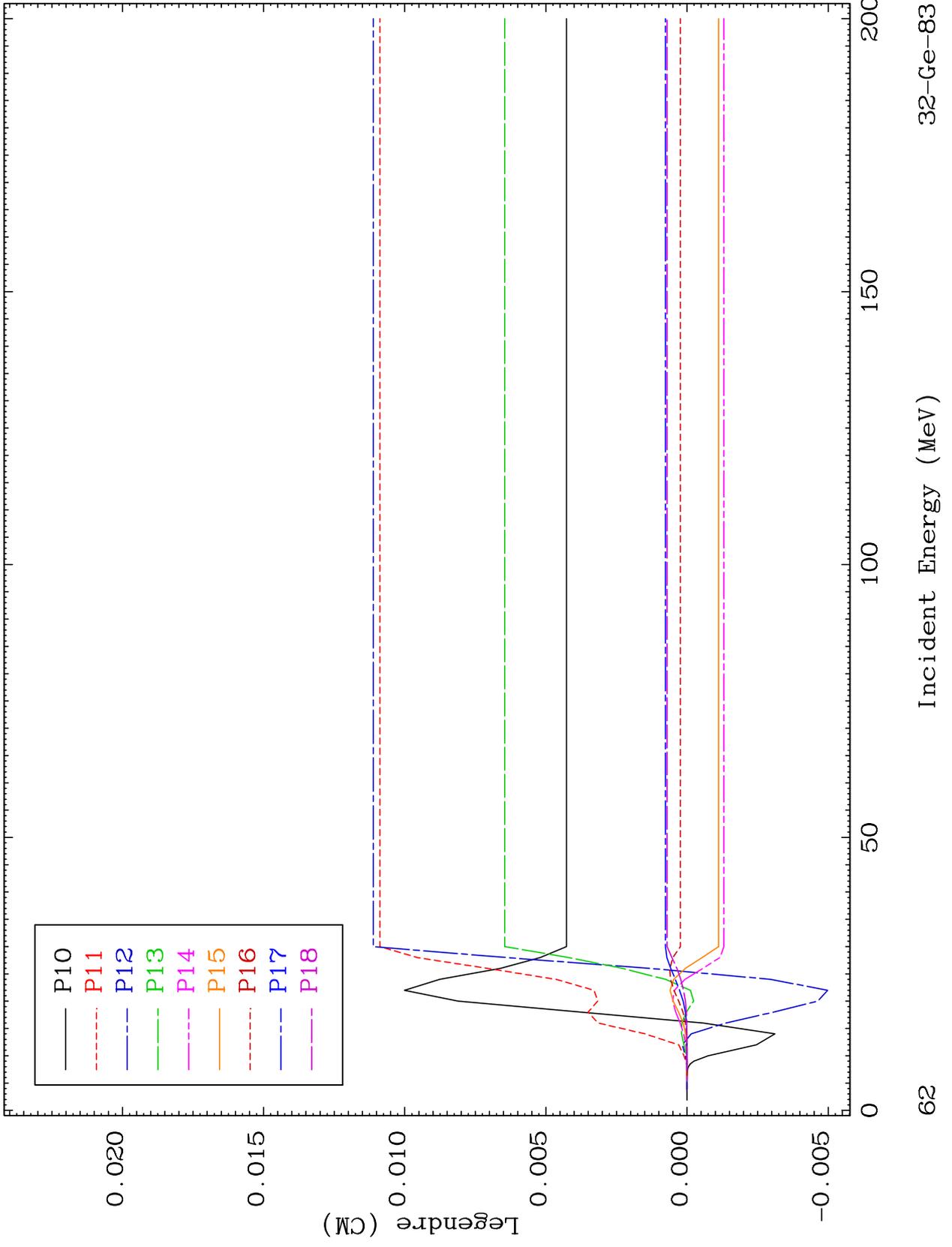
Incident Energy (MeV)

61

MAT 3264

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

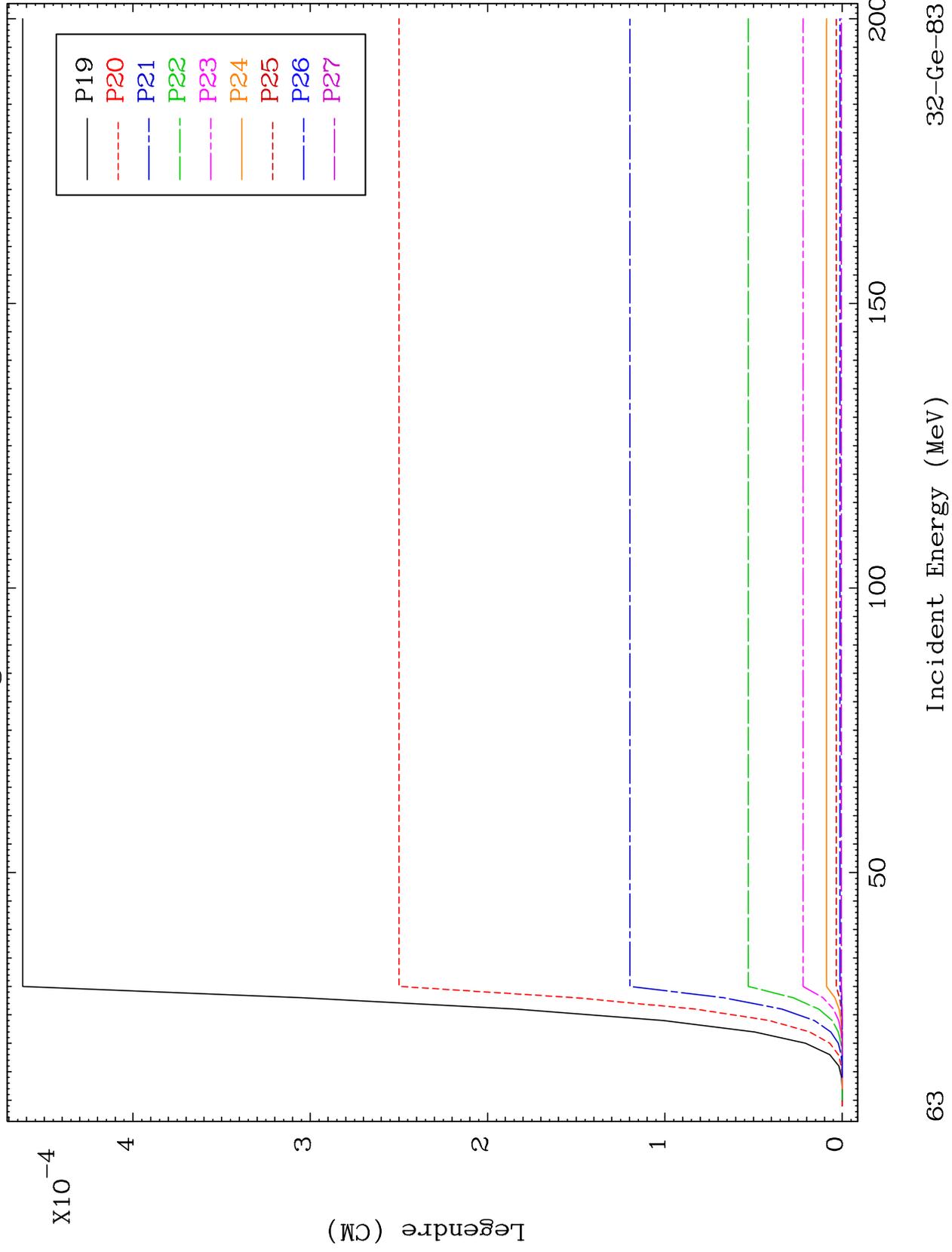
32-Ge-83



MAT 3264

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

32-Ge-83



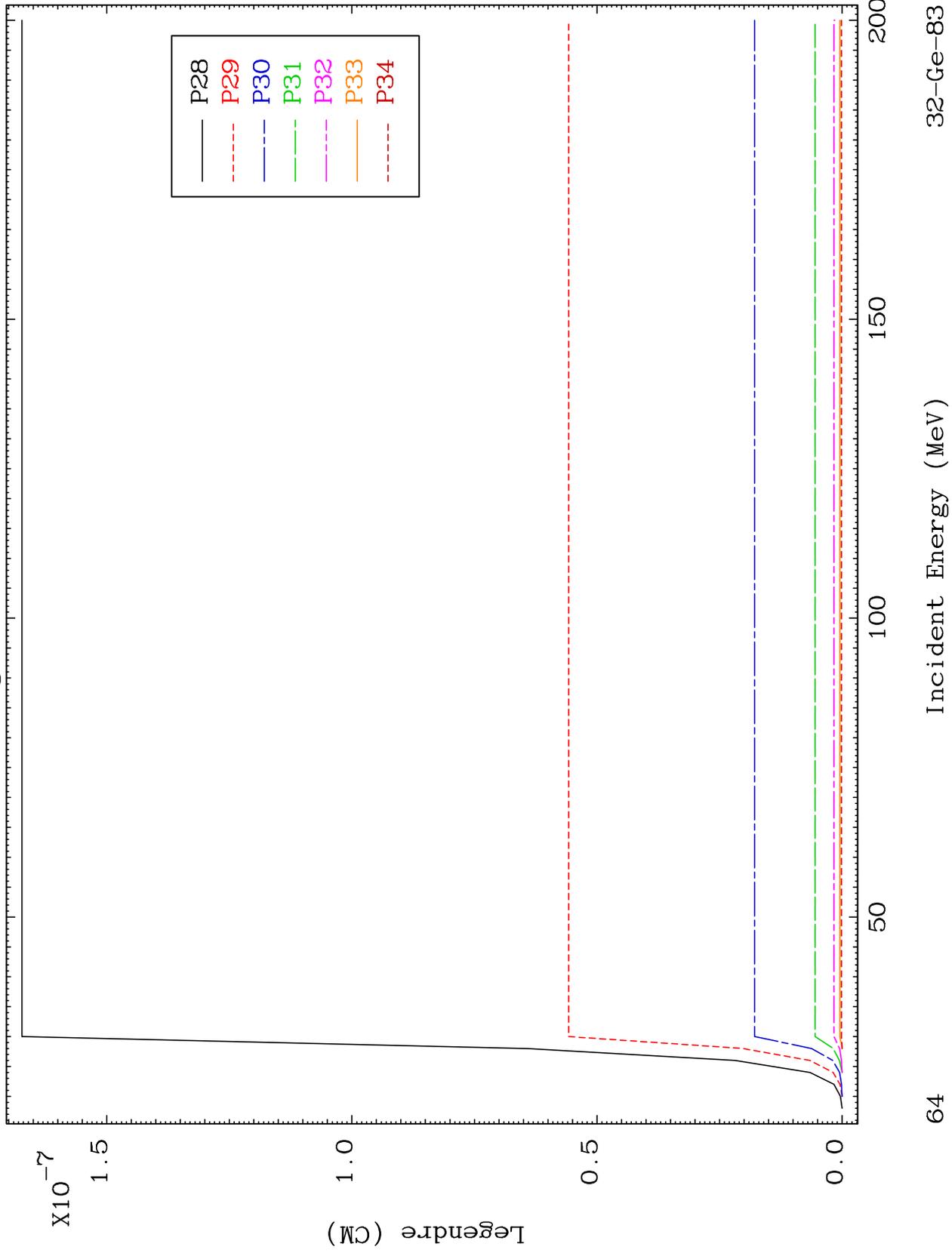
63

32-Ge-83

MAT 3264

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

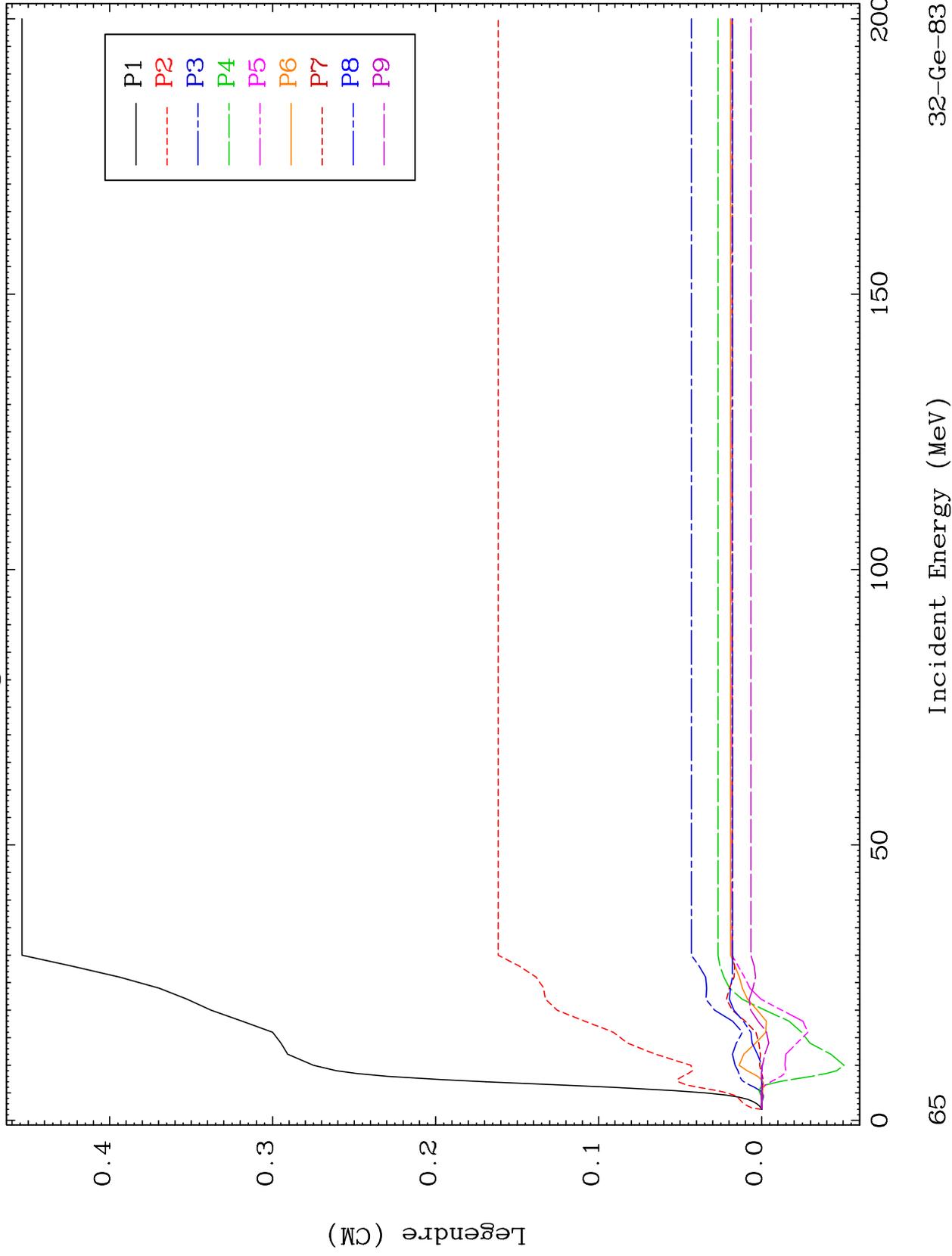
32-Ge-83



MAT 3264

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

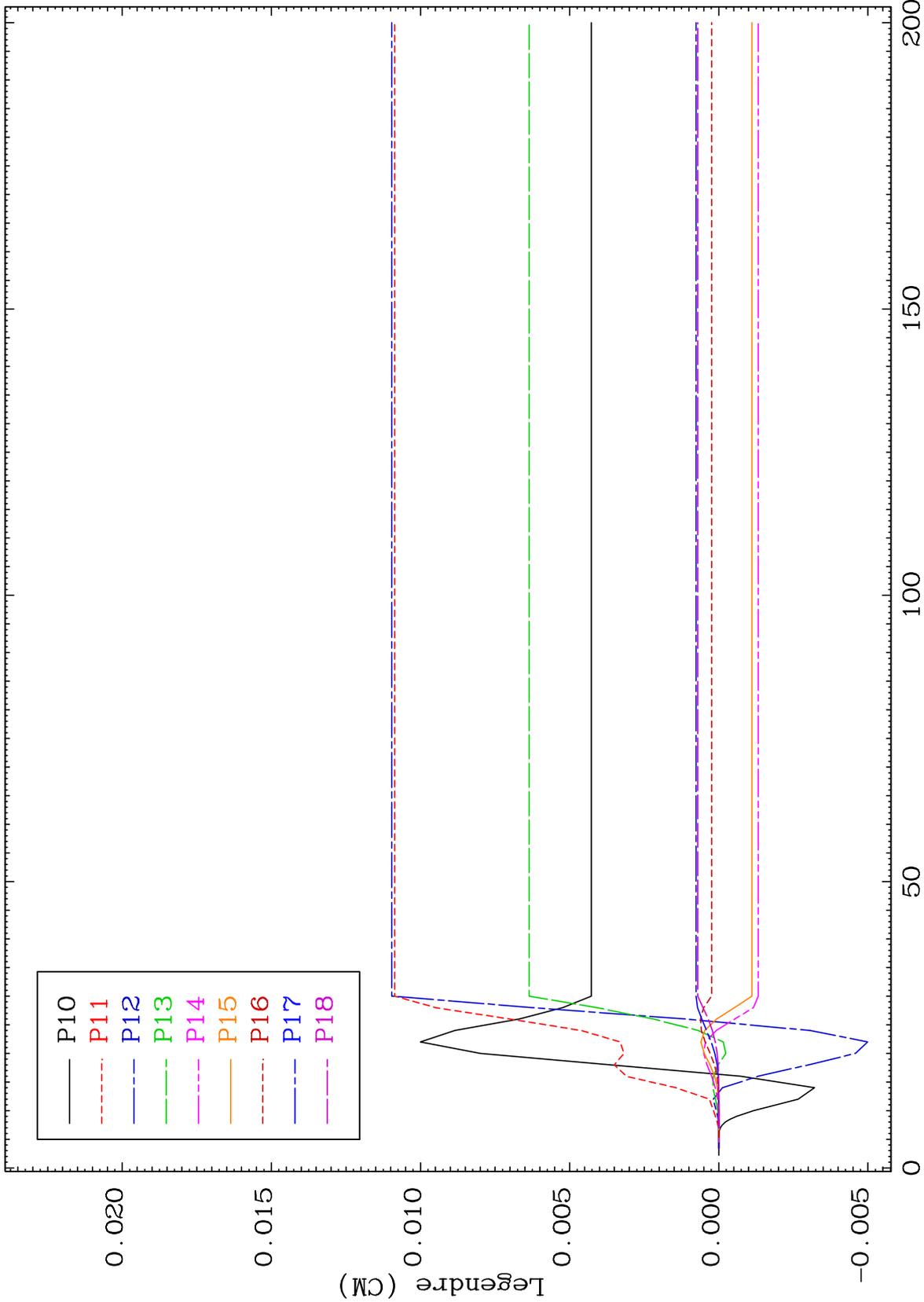
32-Ge-83



32-Ge-83

Incident Energy (MeV)

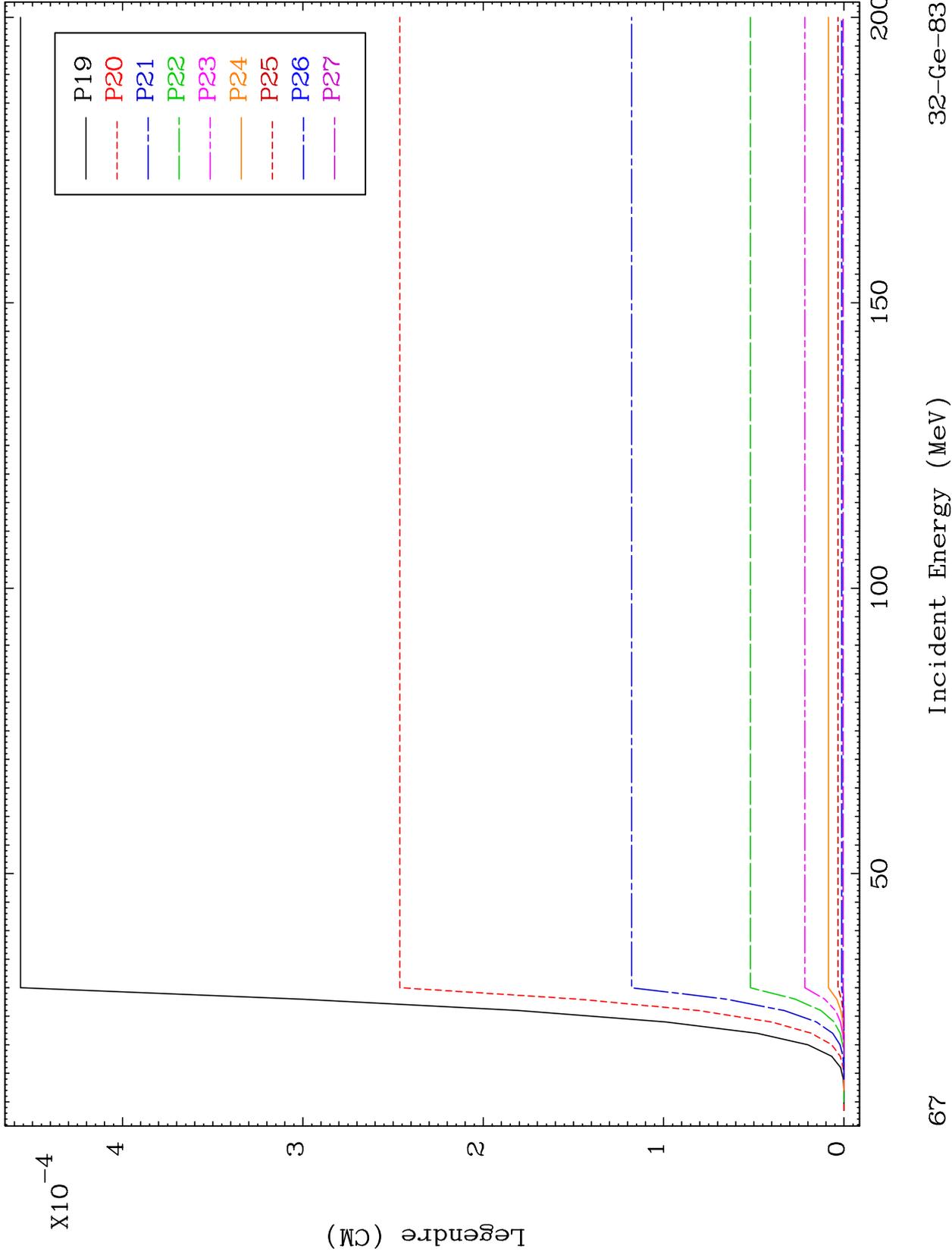
65



MAT 3264

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

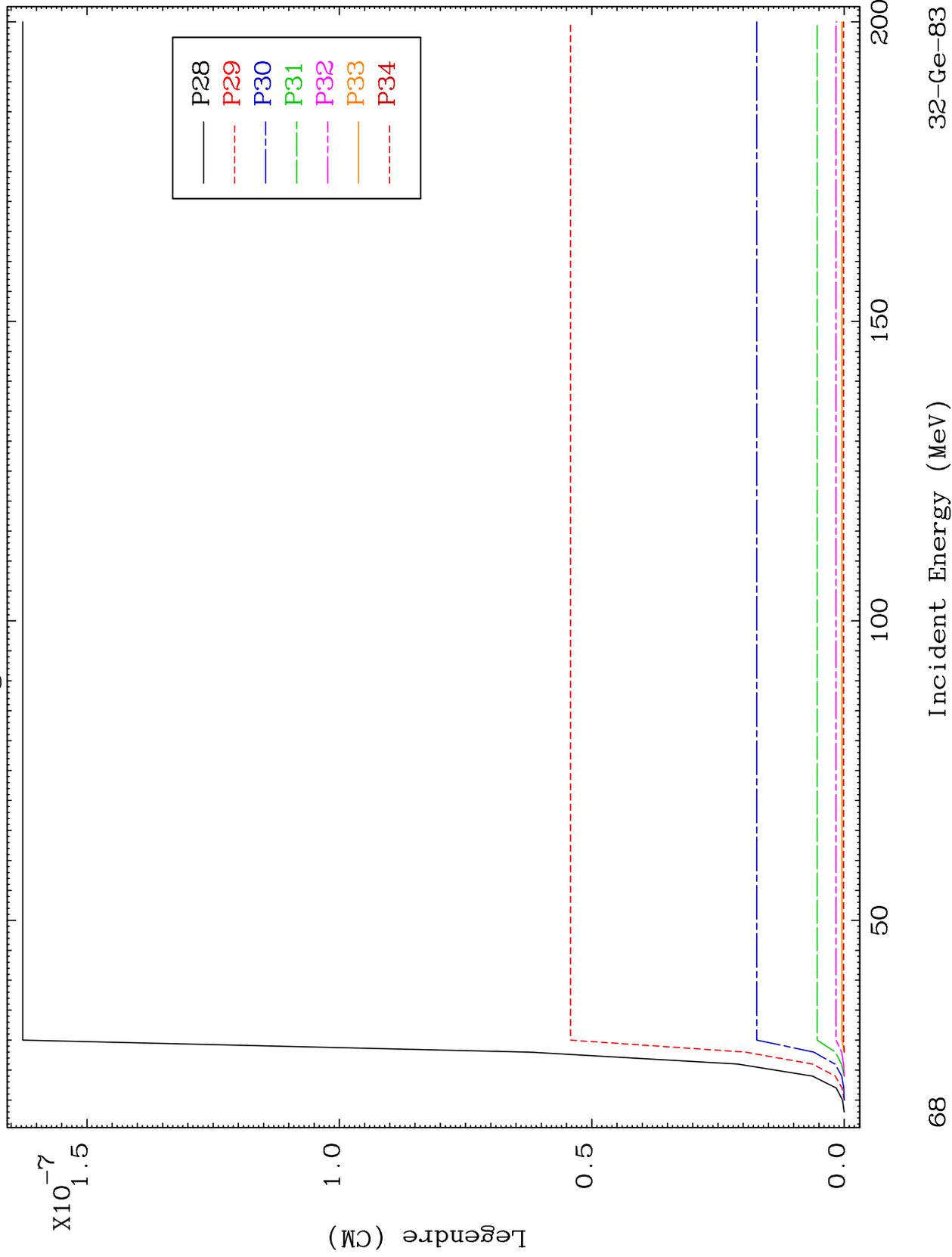
32-Ge-83



MAT 3264

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

32-Ge-83



68

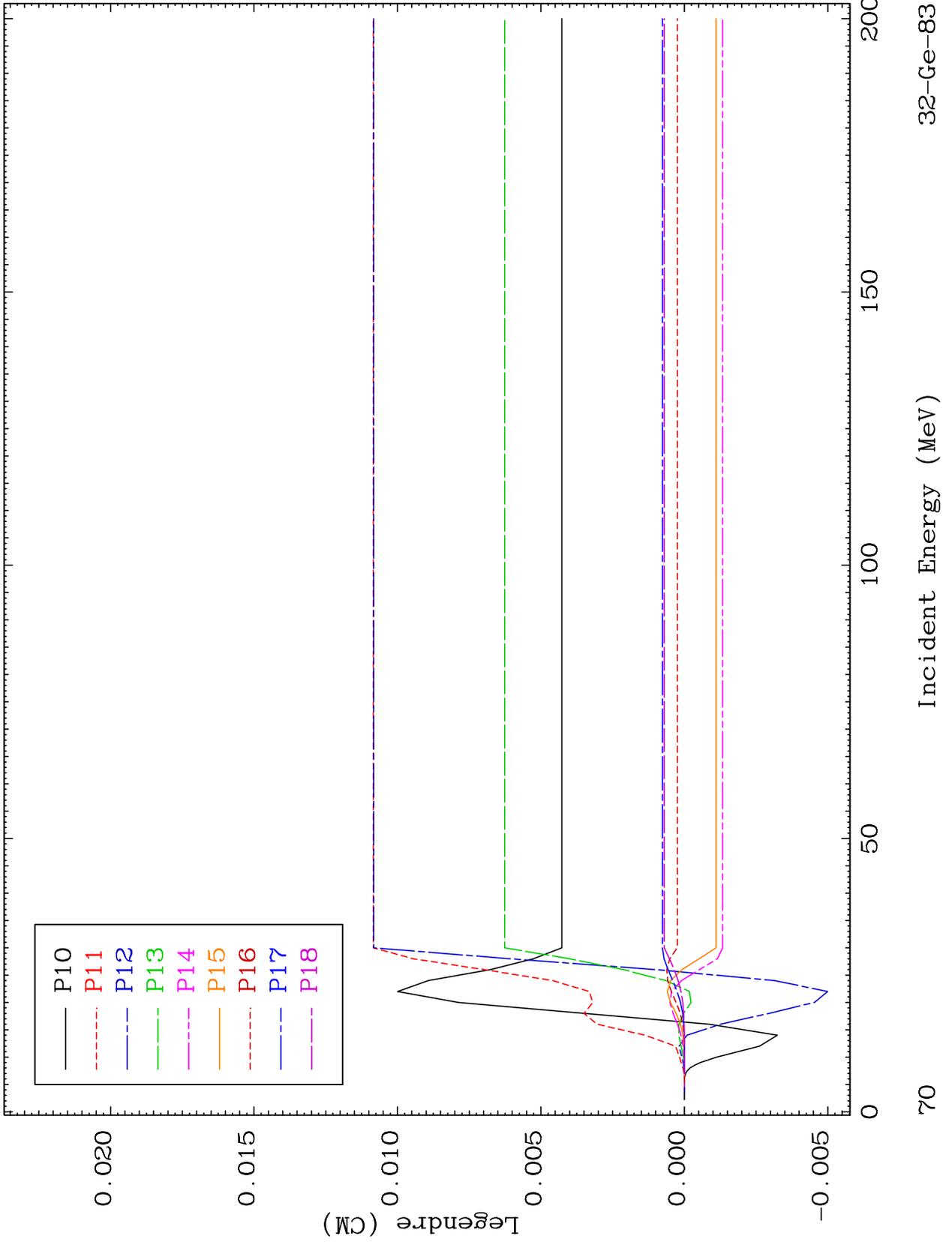
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



32-Ge-83

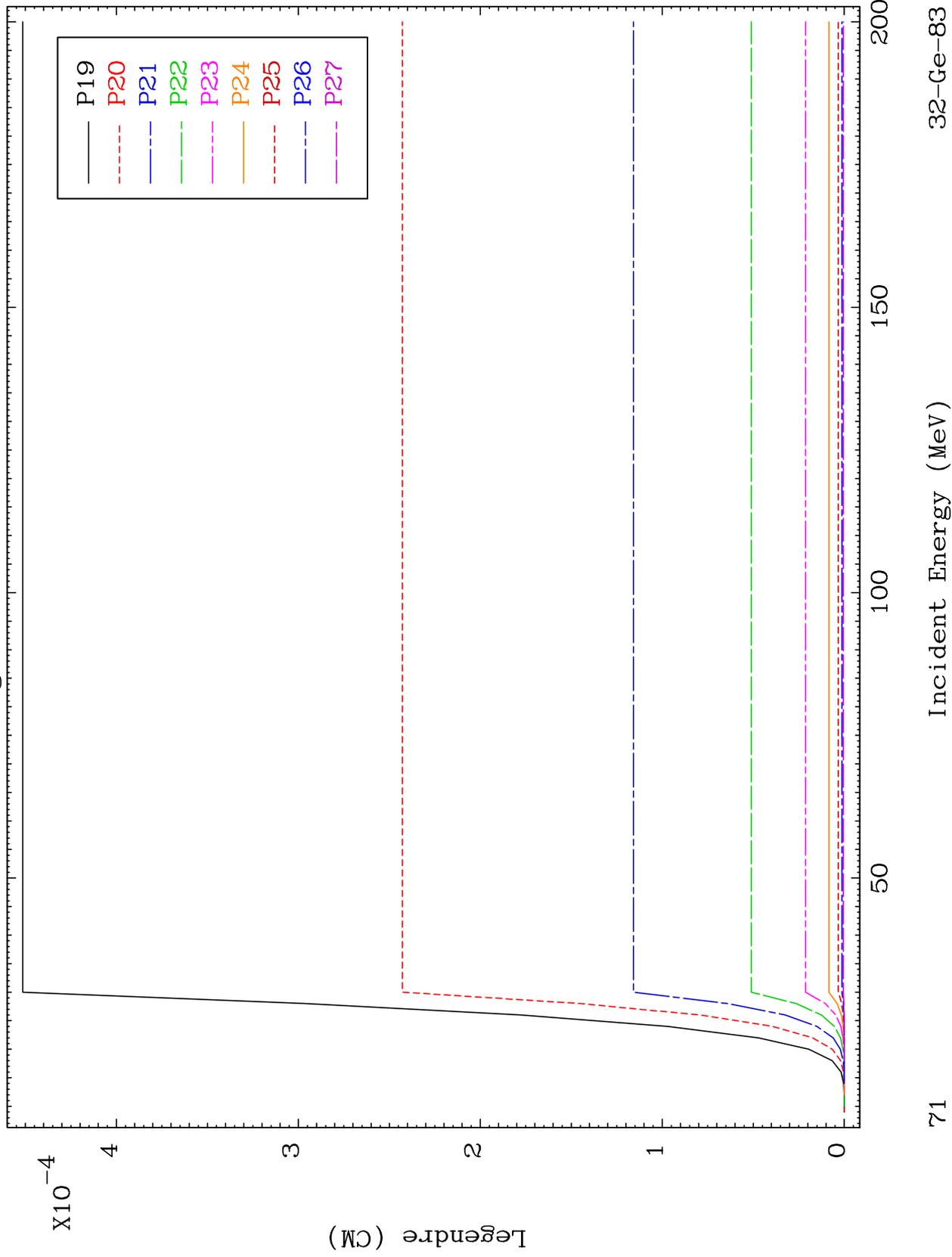
Incident Energy (MeV)

70

MAT 3264

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

32-Ge-83



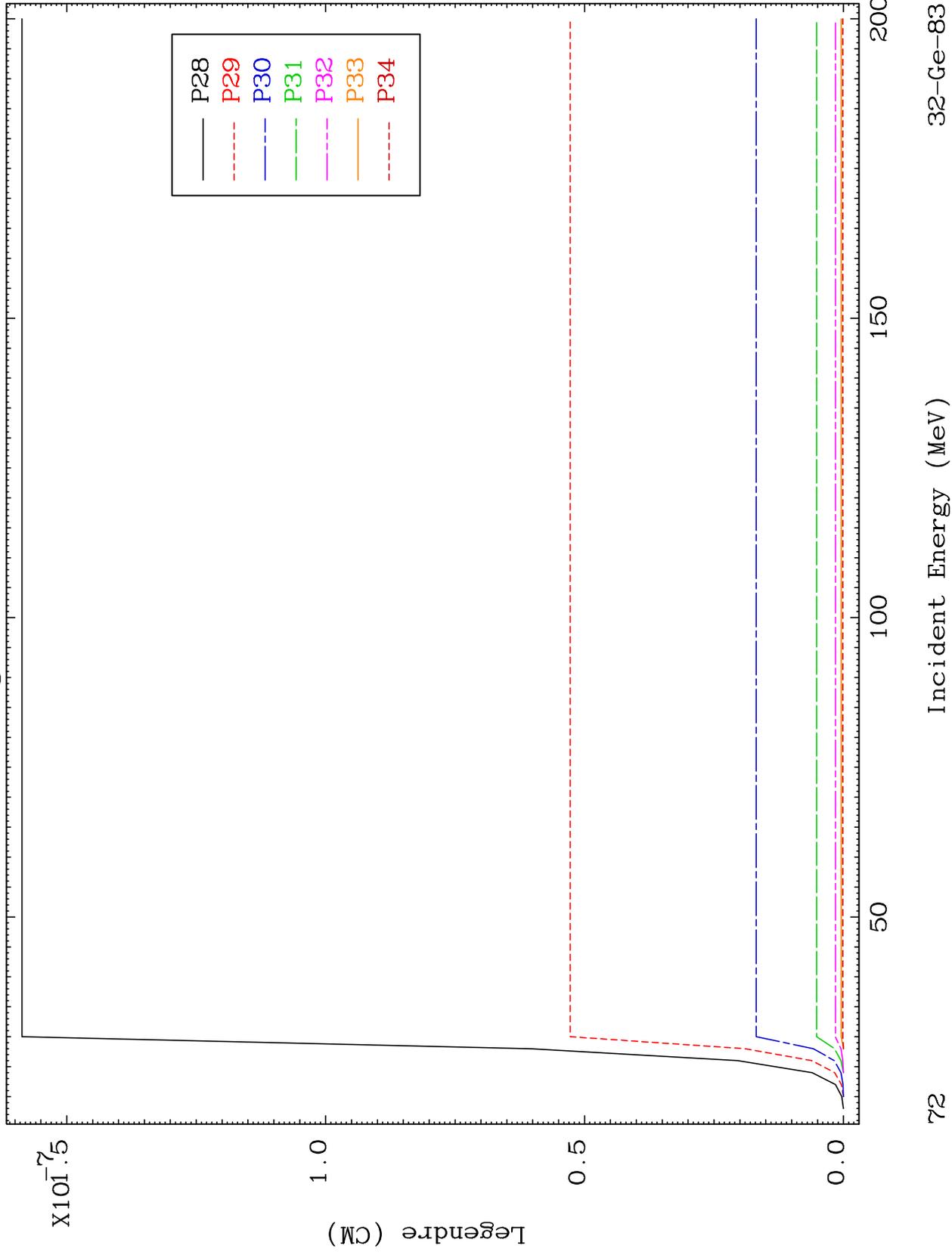
71

32-Ge-83

MAT 3264

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

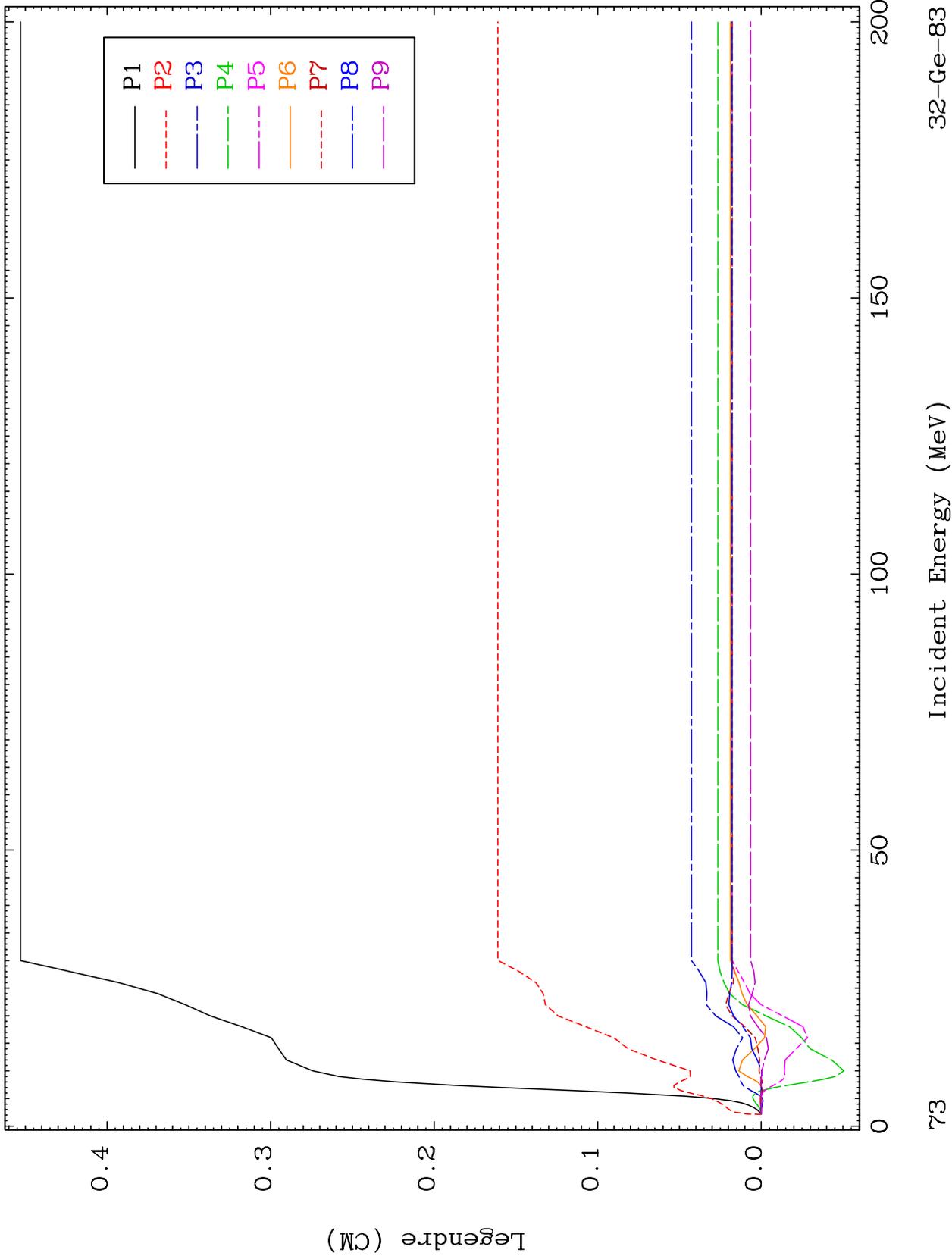
32-Ge-83



MAT 3264

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

32-Ge-83



32-Ge-83

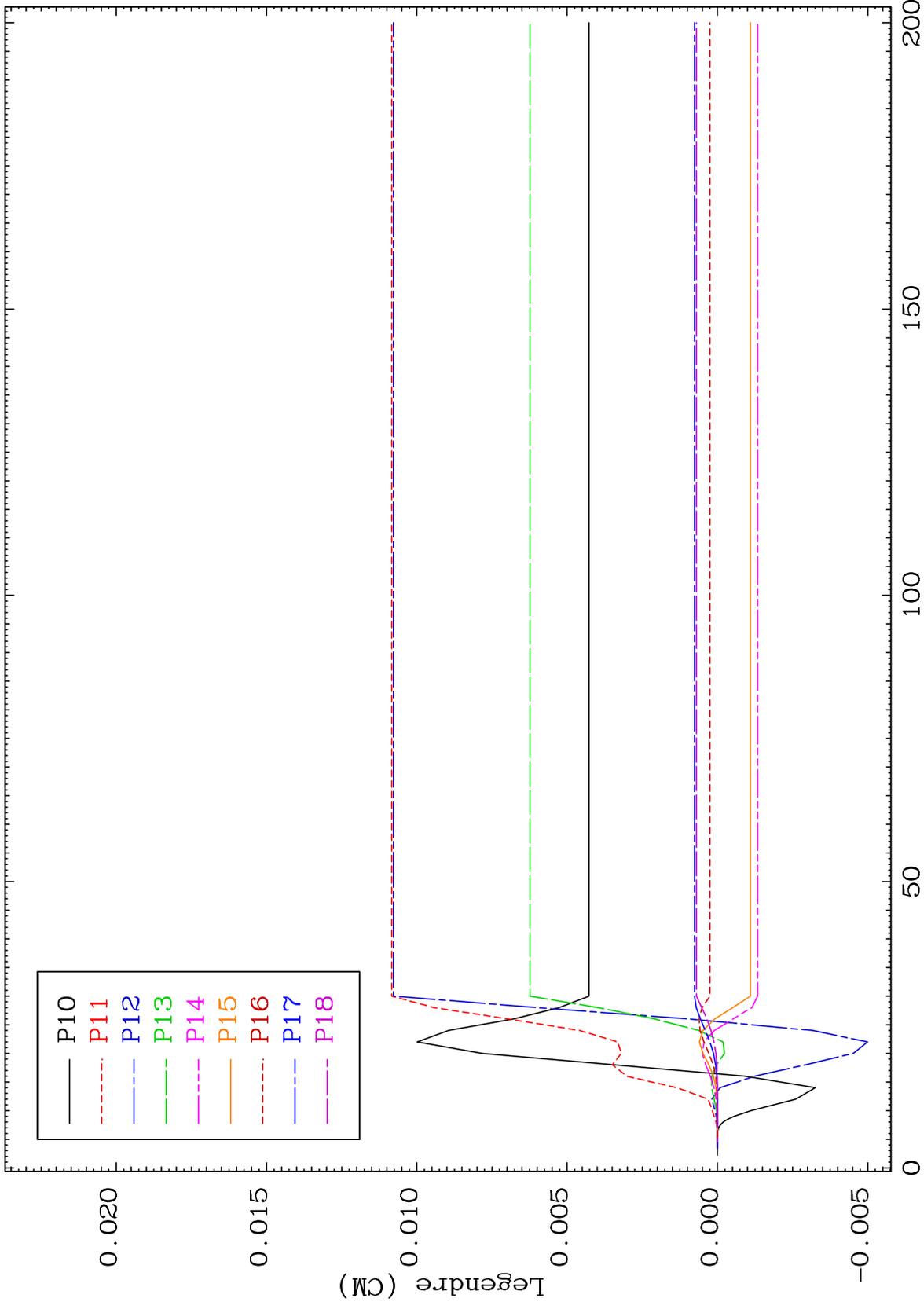
Incident Energy (MeV)

73

MAT 3264

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

32-Ge-83



74

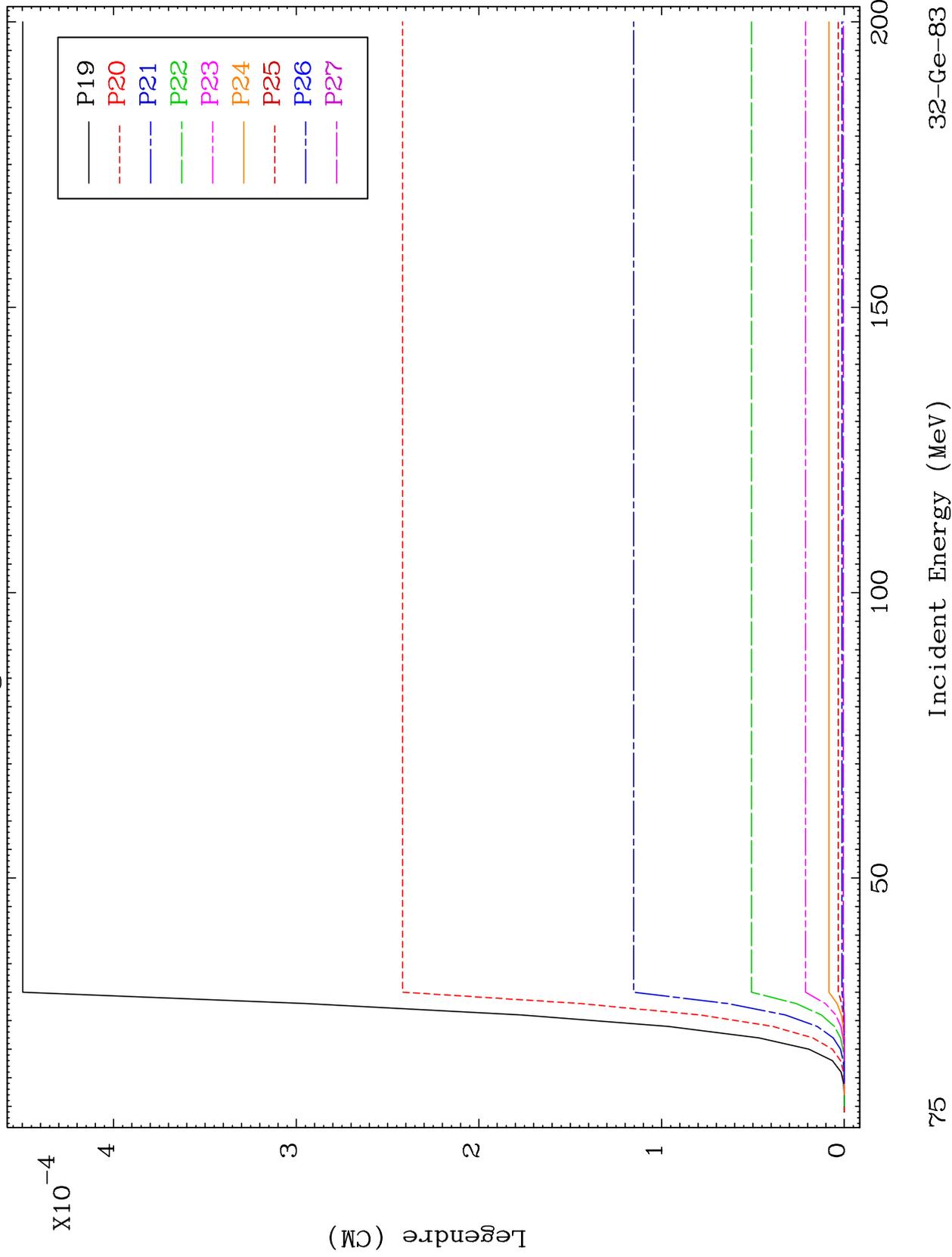
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



75

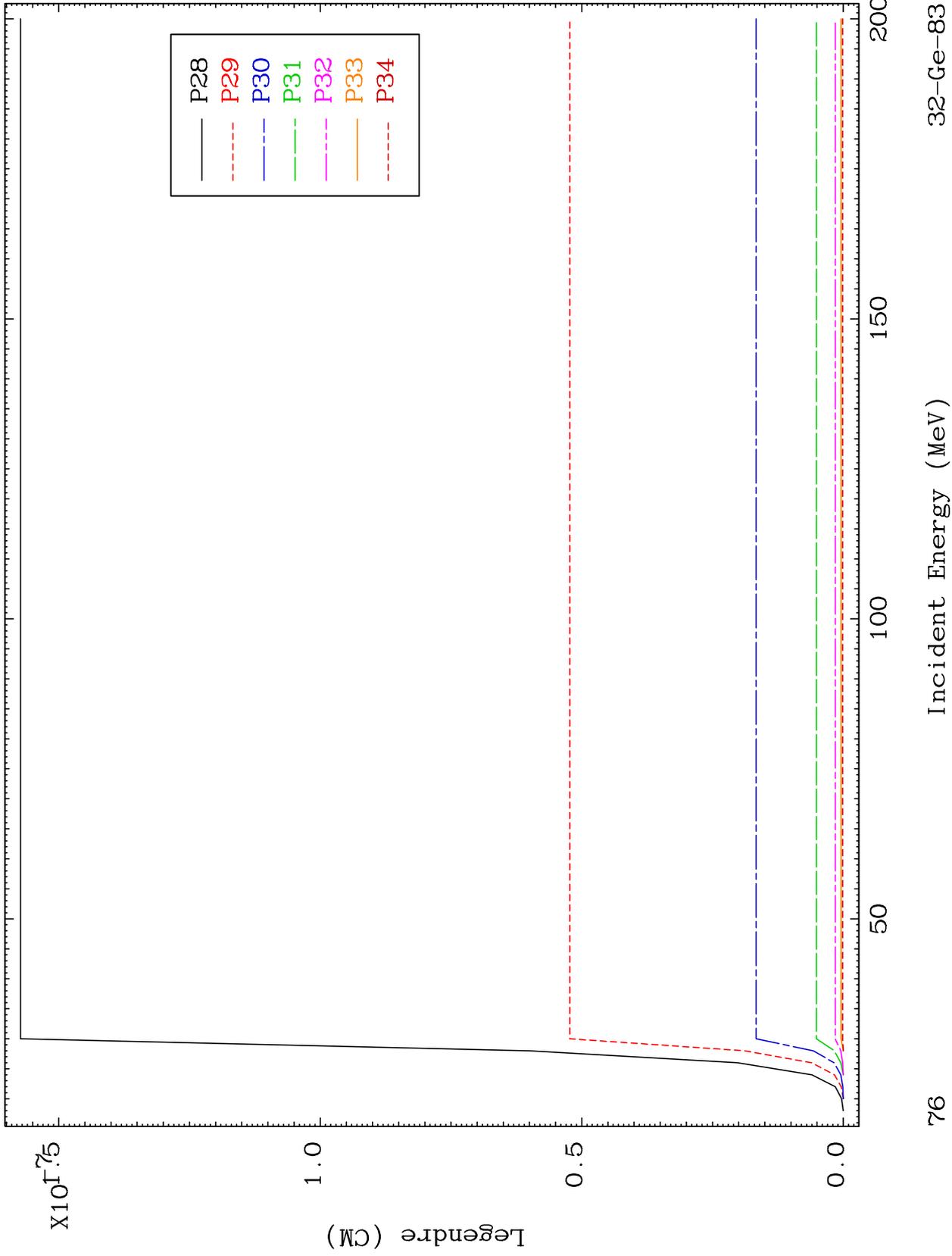
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



76

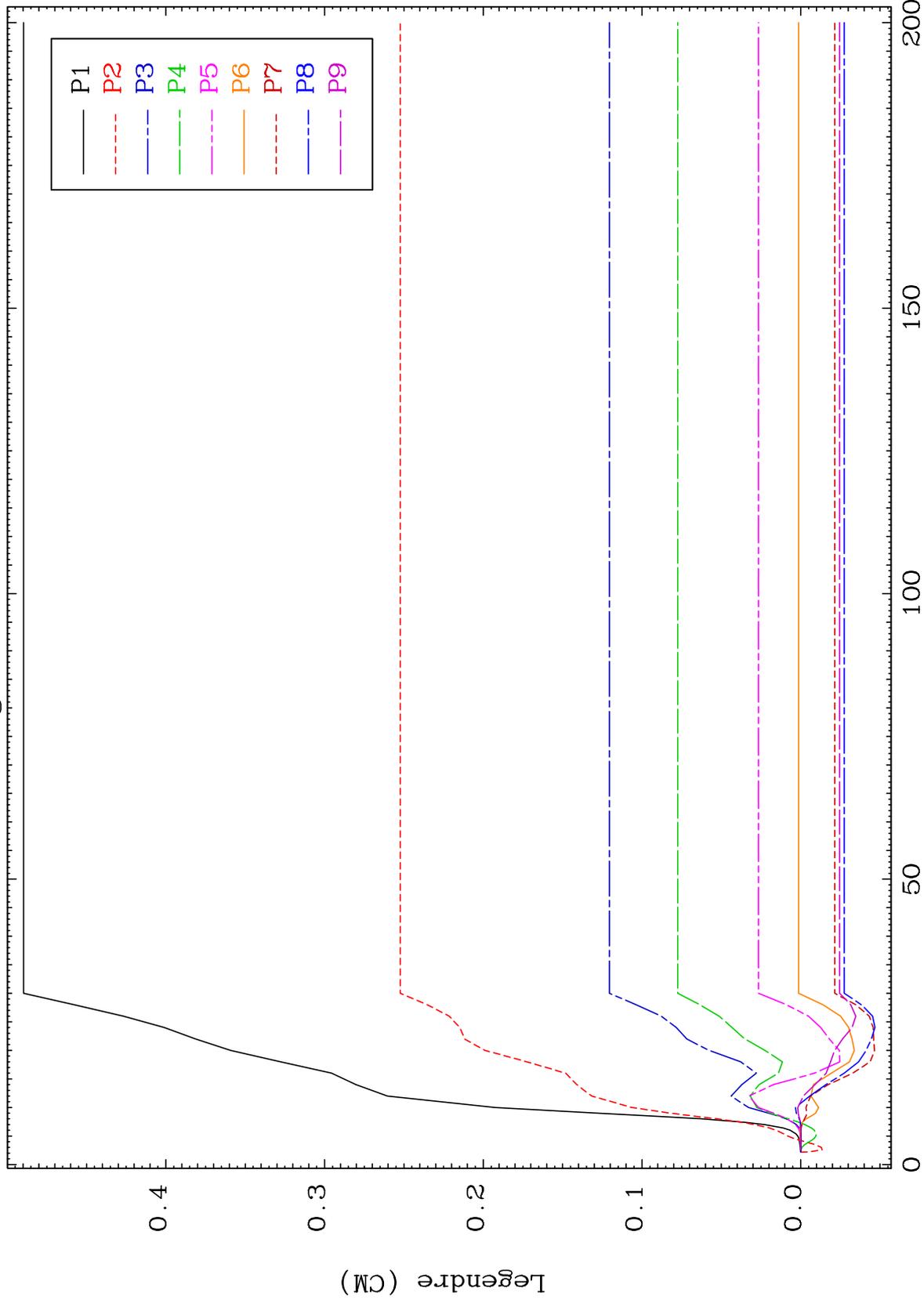
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



77

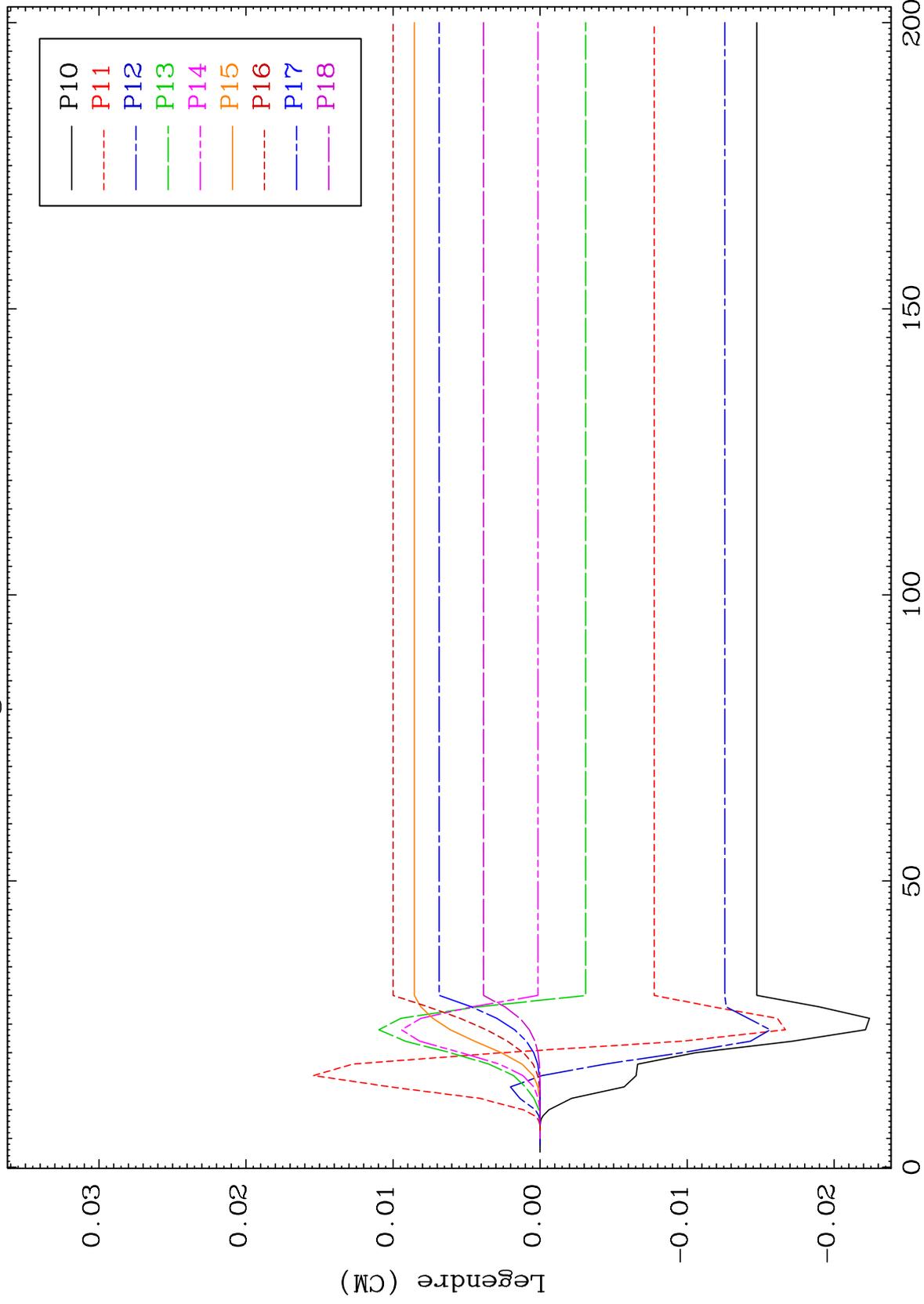
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



78

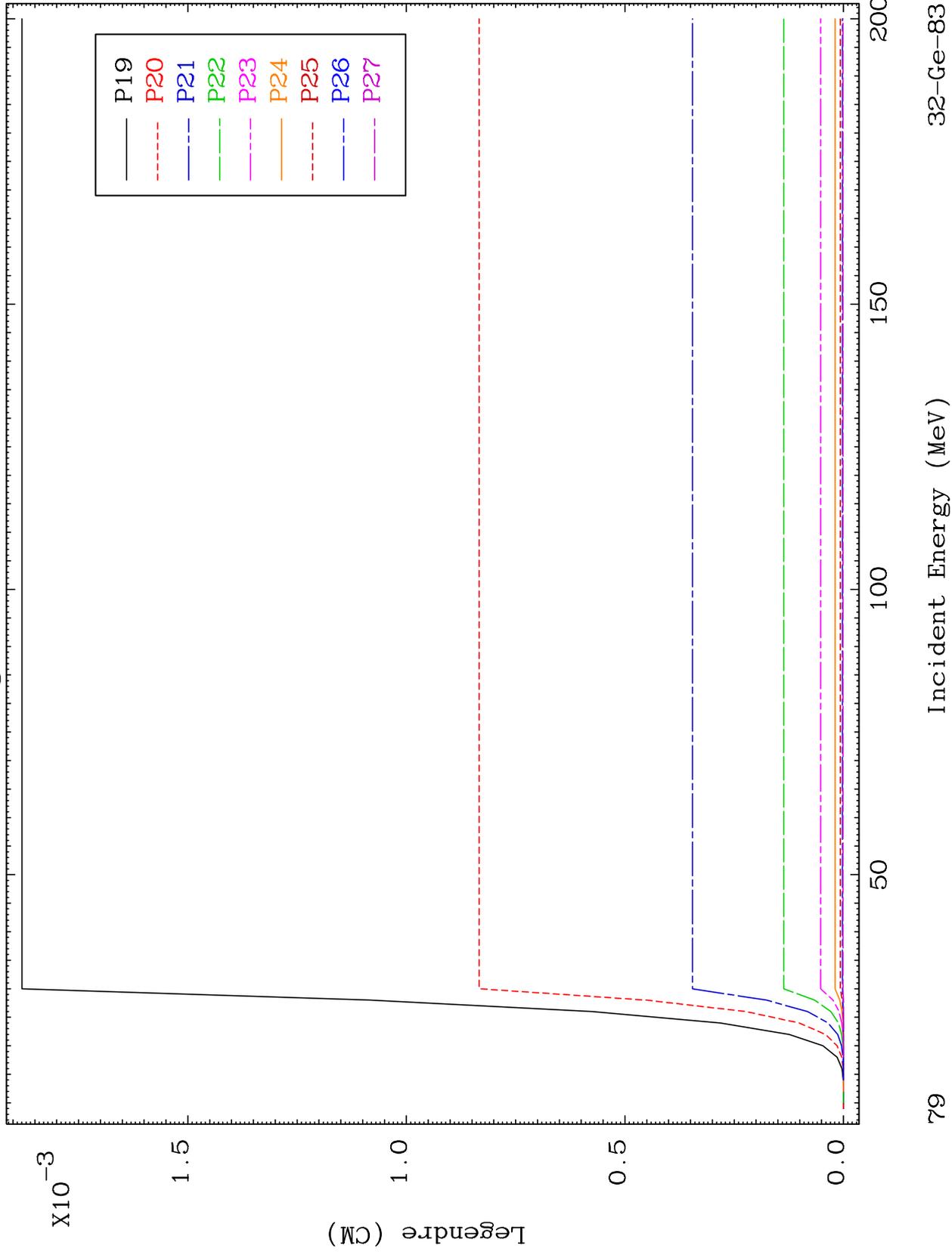
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



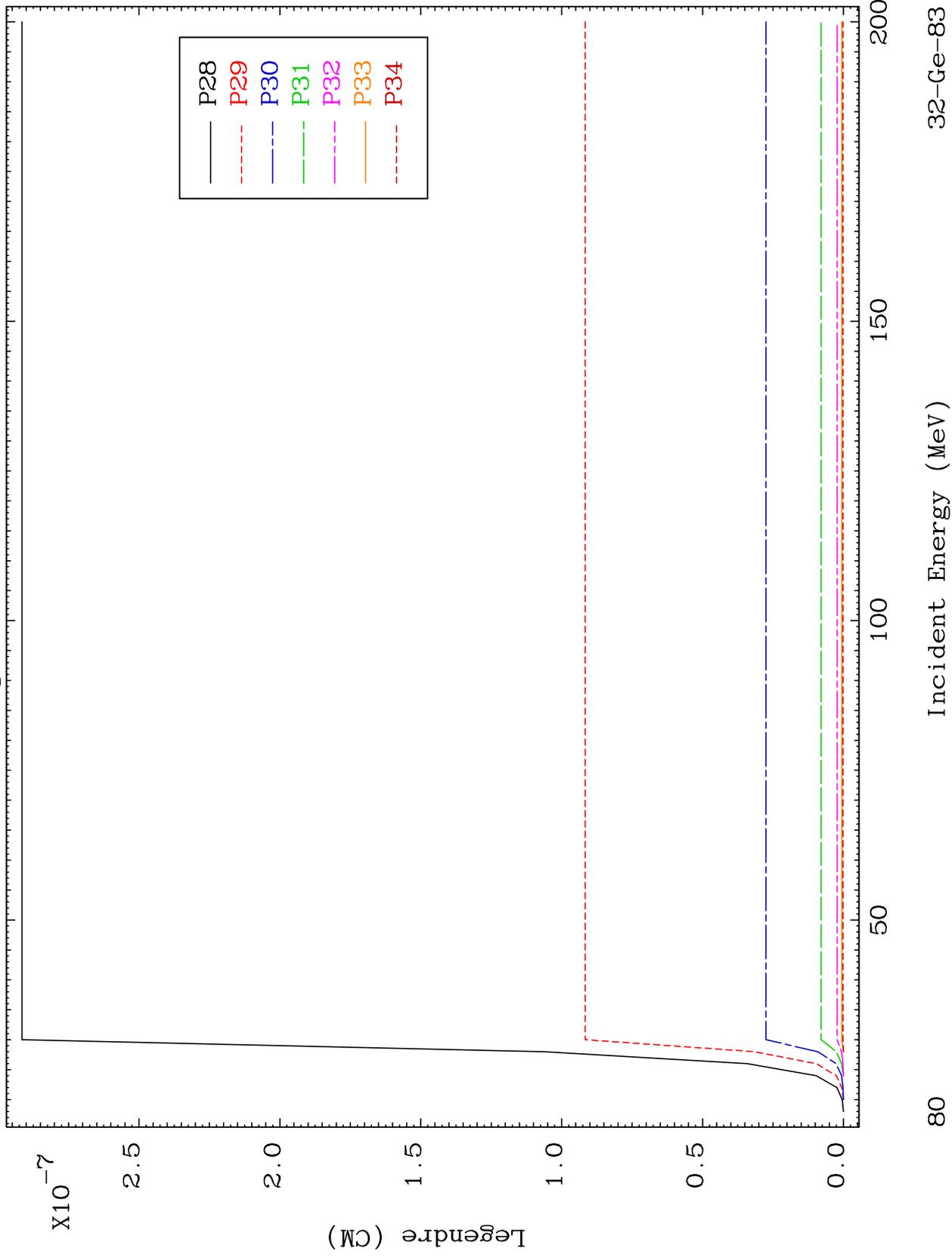
79

32-Ge-83

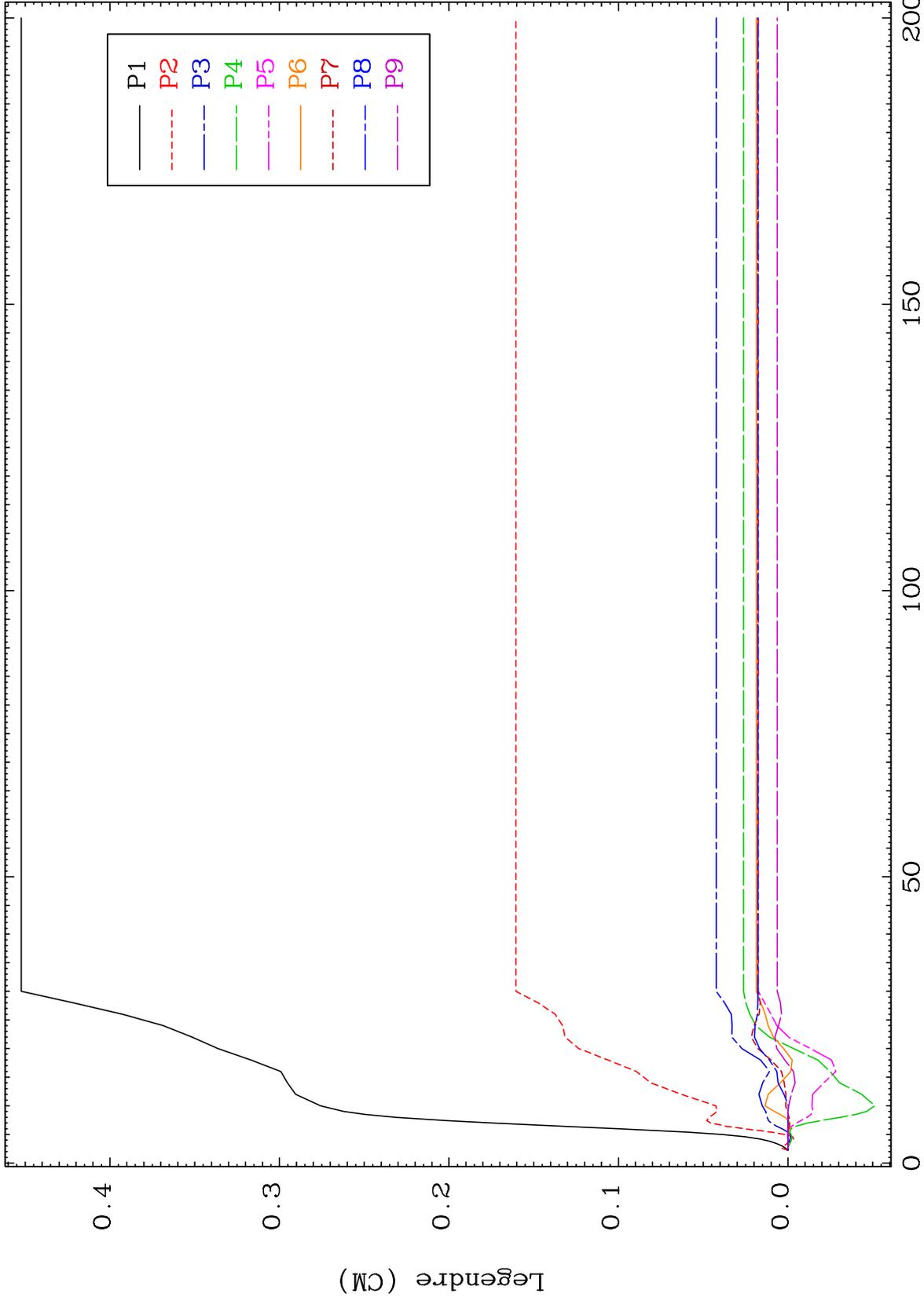
MAT 3264

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

32-Ge-83



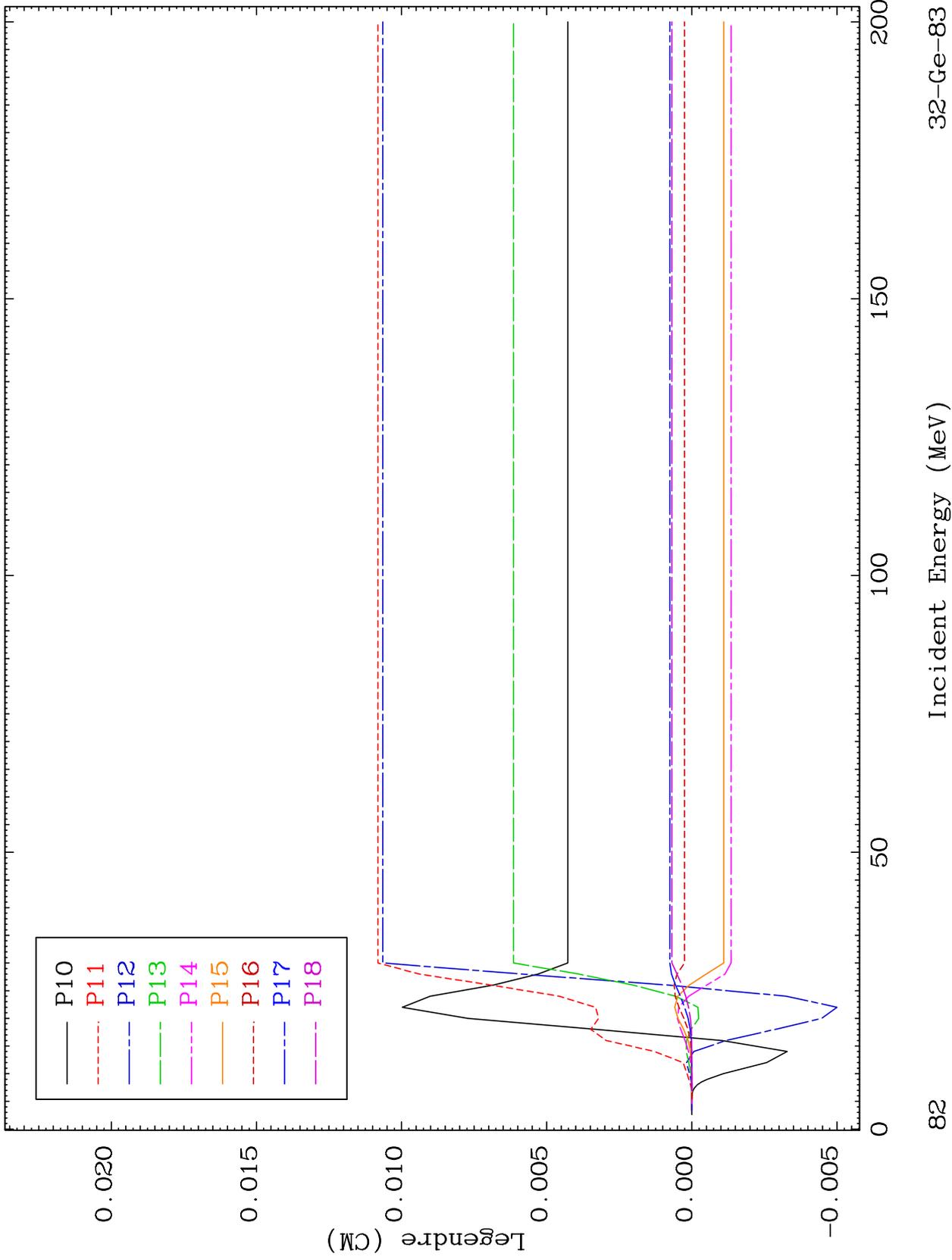
32-Ge-83



MAT 3264

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

32-Ge-83



82

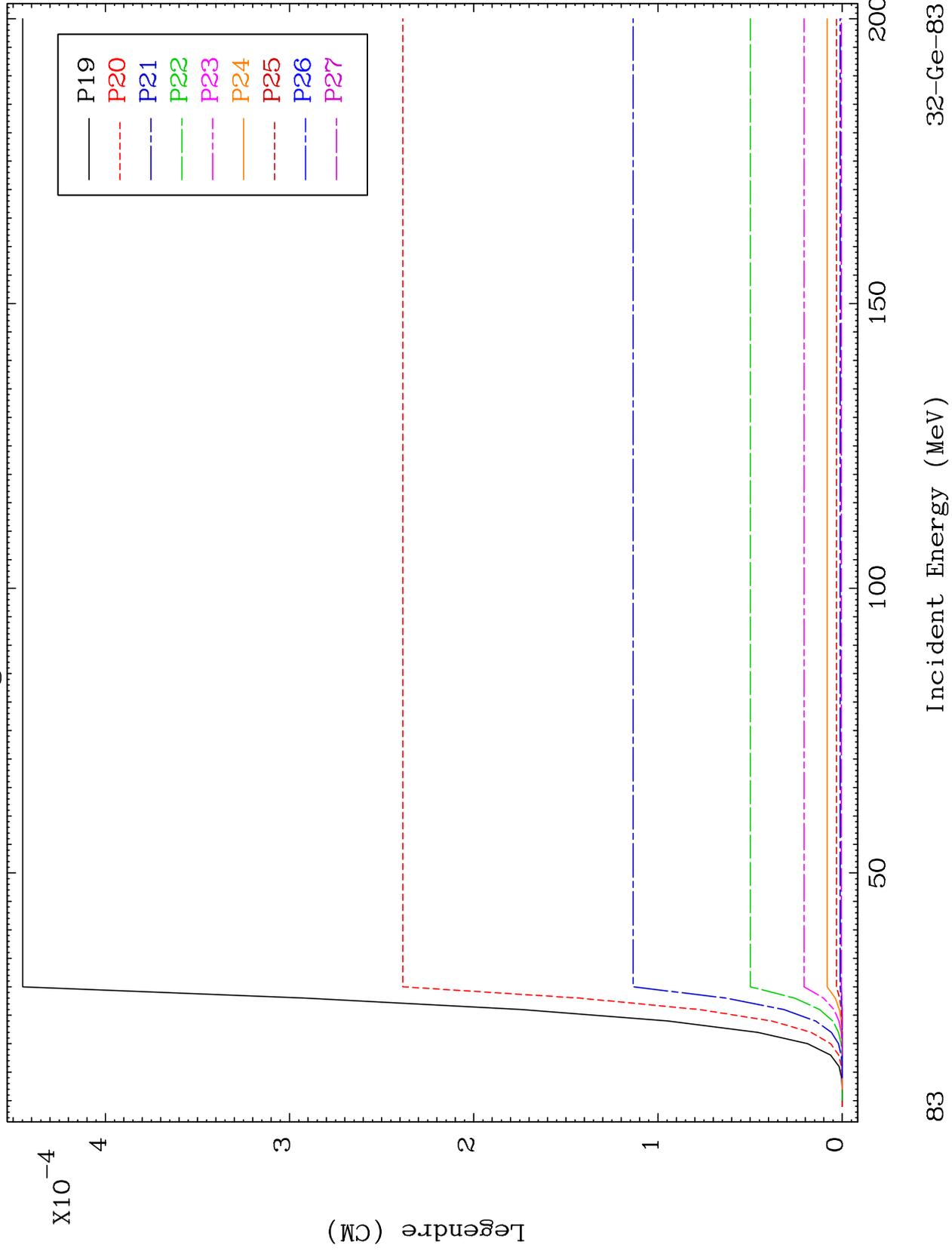
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

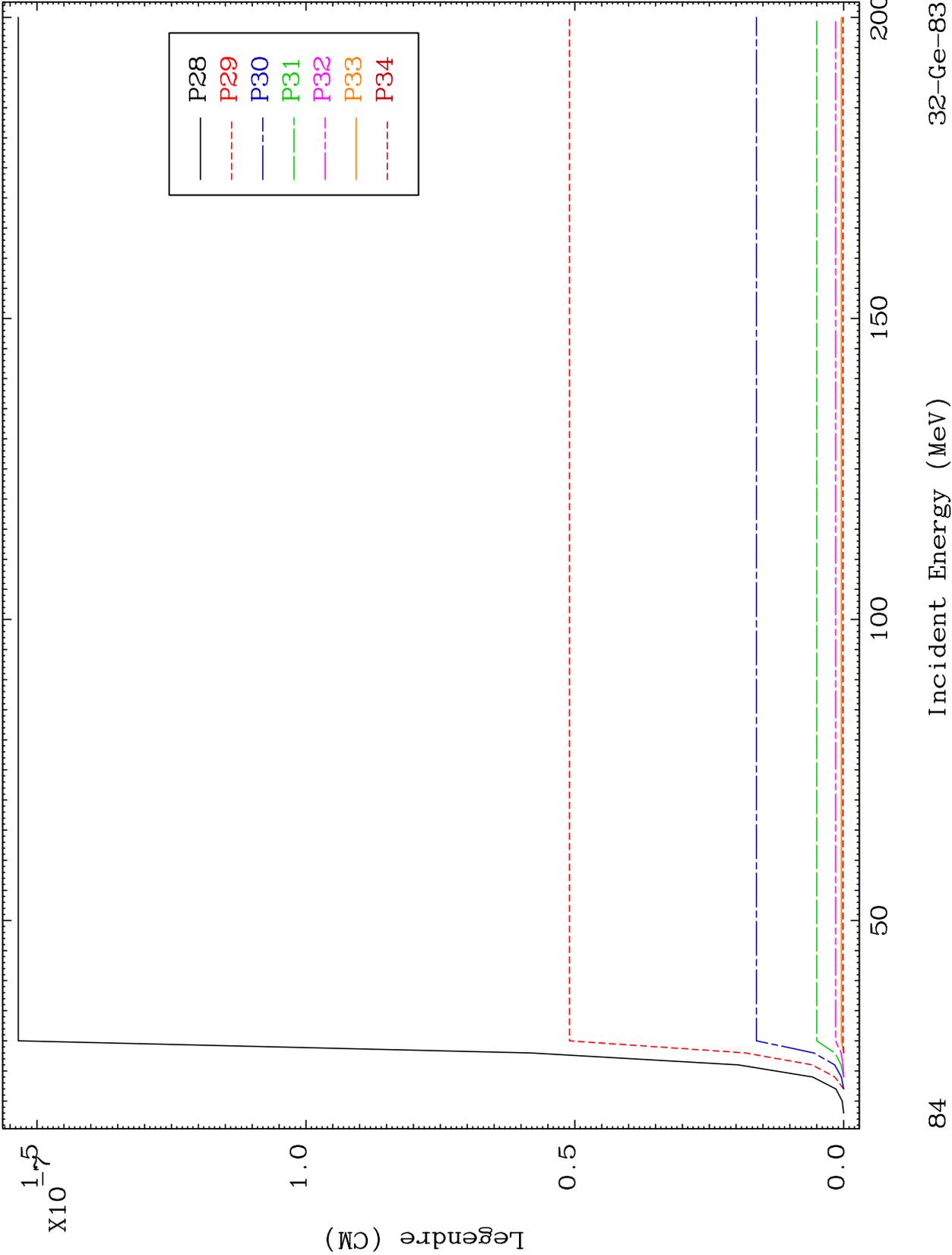
32-Ge-83



MAT 3264

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

32-Ge-83



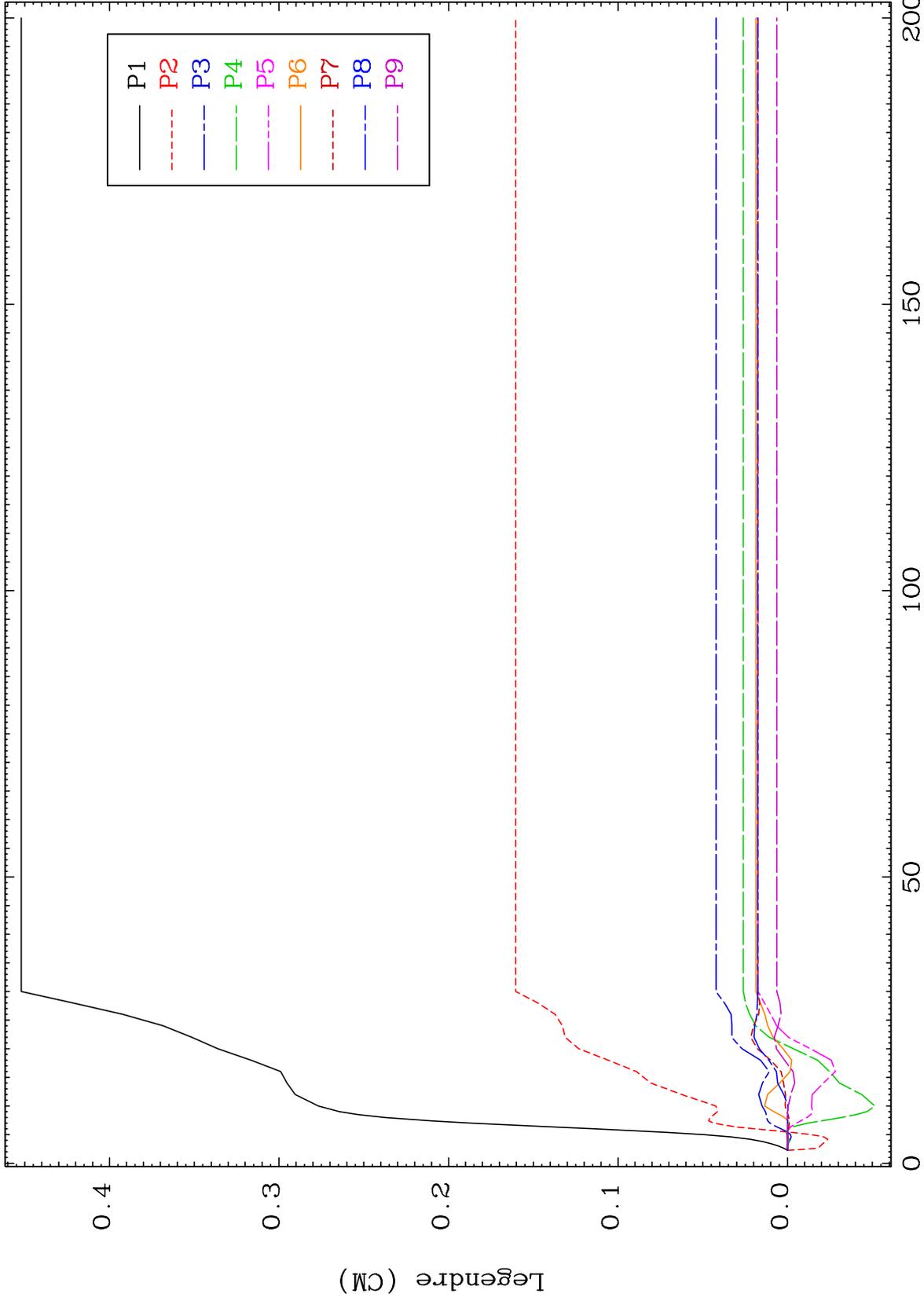
84

32-Ge-83

MAT 3264

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

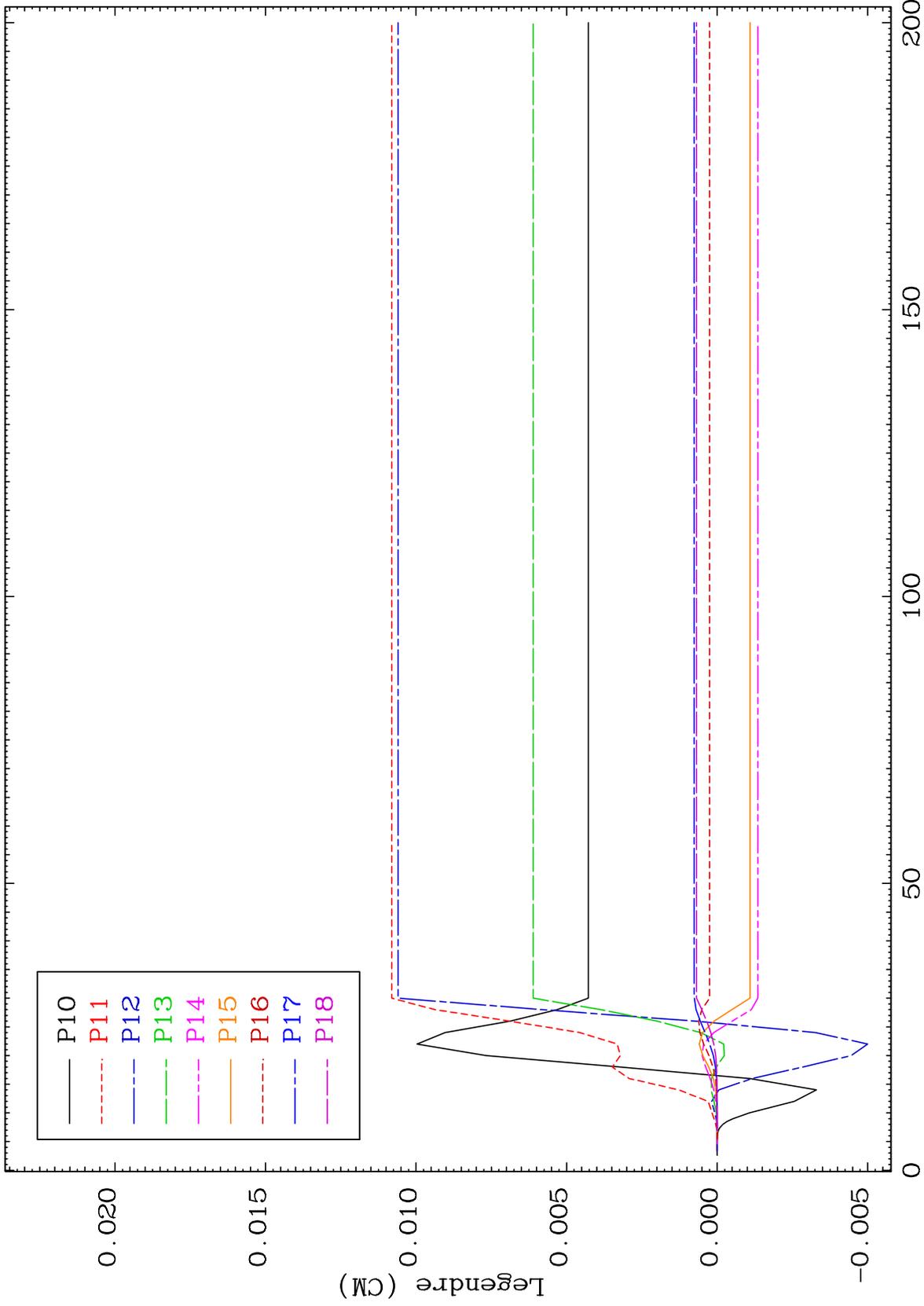
32-Ge-83



85

Incident Energy (MeV)

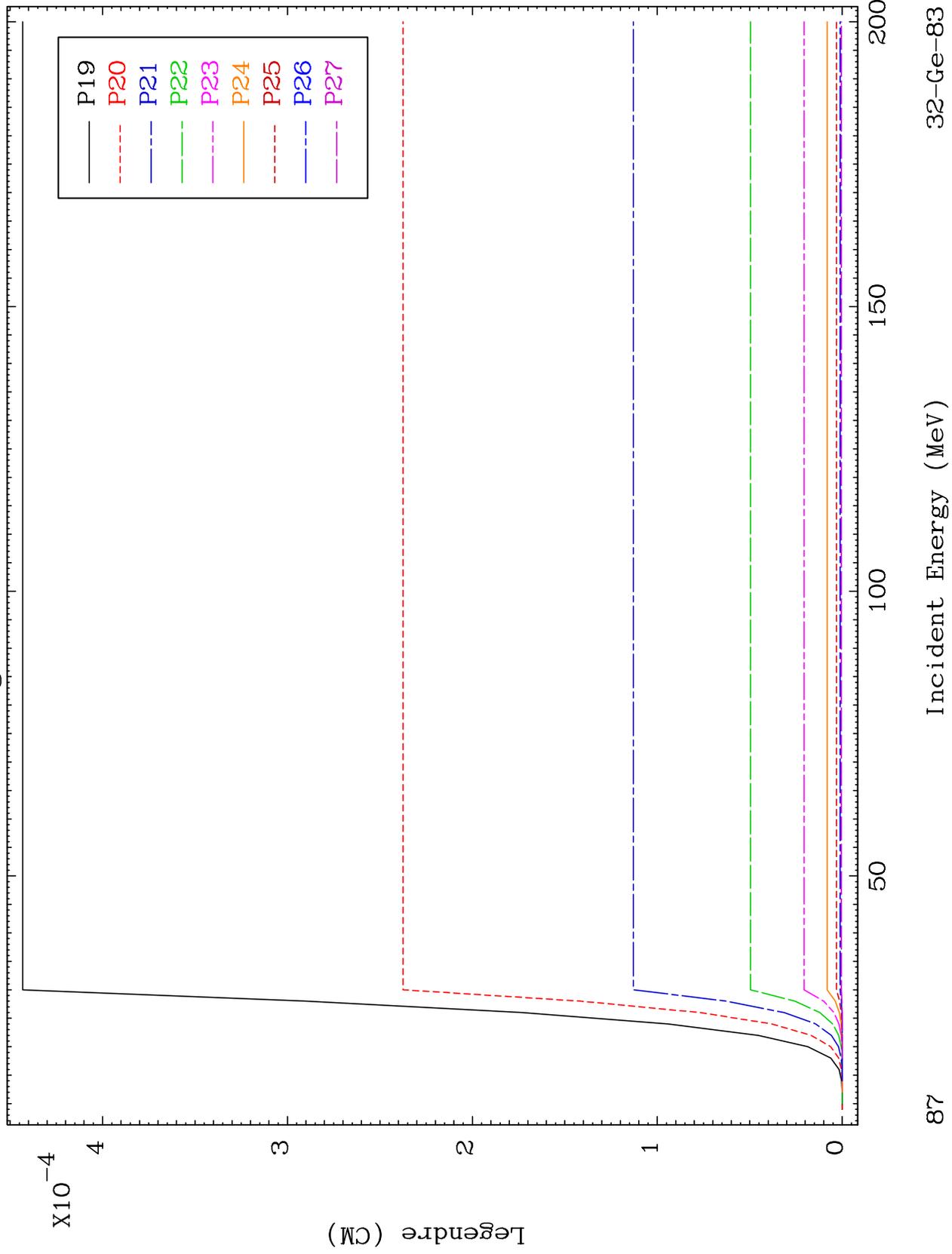
32-Ge-83



MAT 3264

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

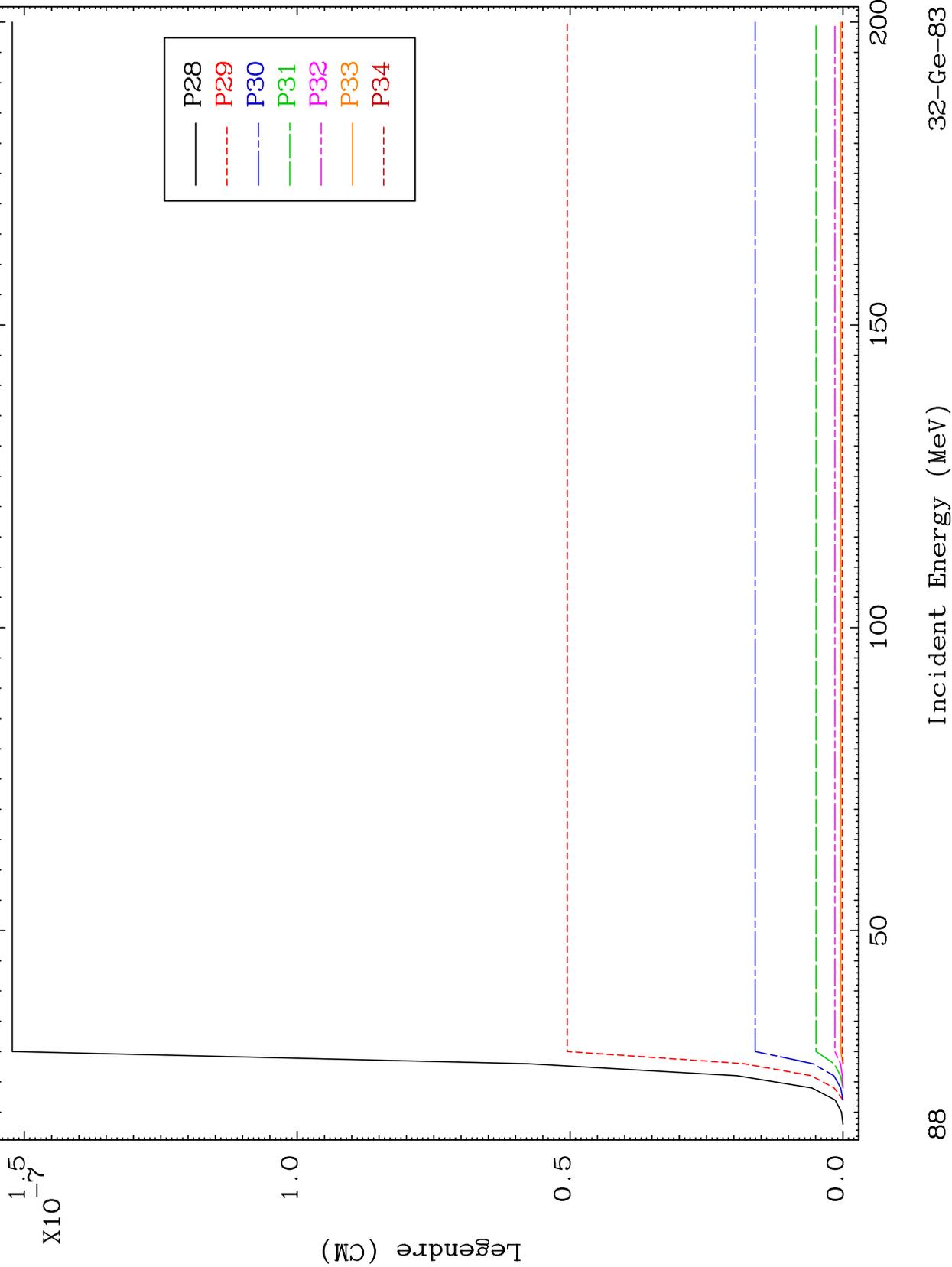
32-Ge-83



MAT 3264

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

32-Ge-83



88

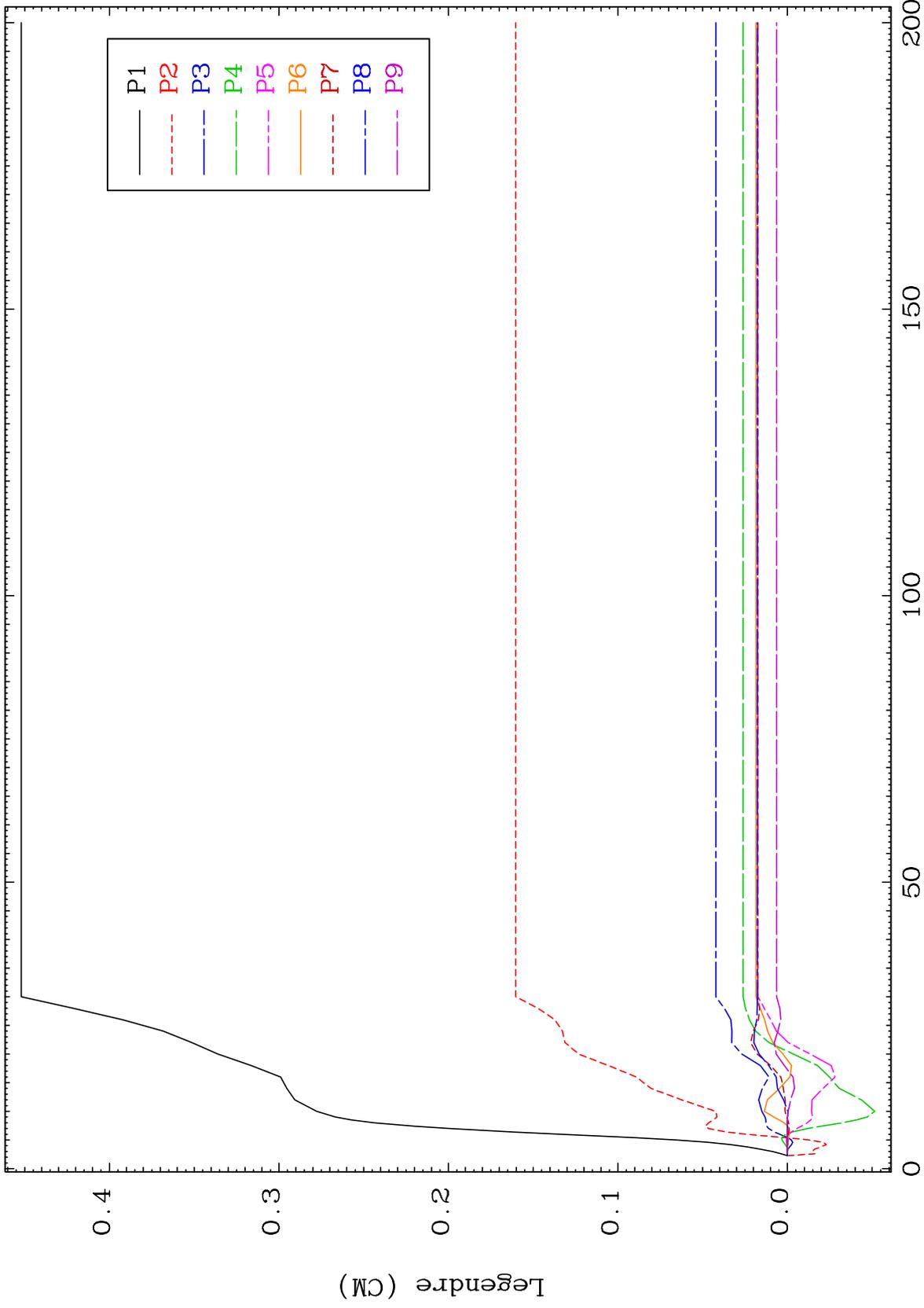
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



89

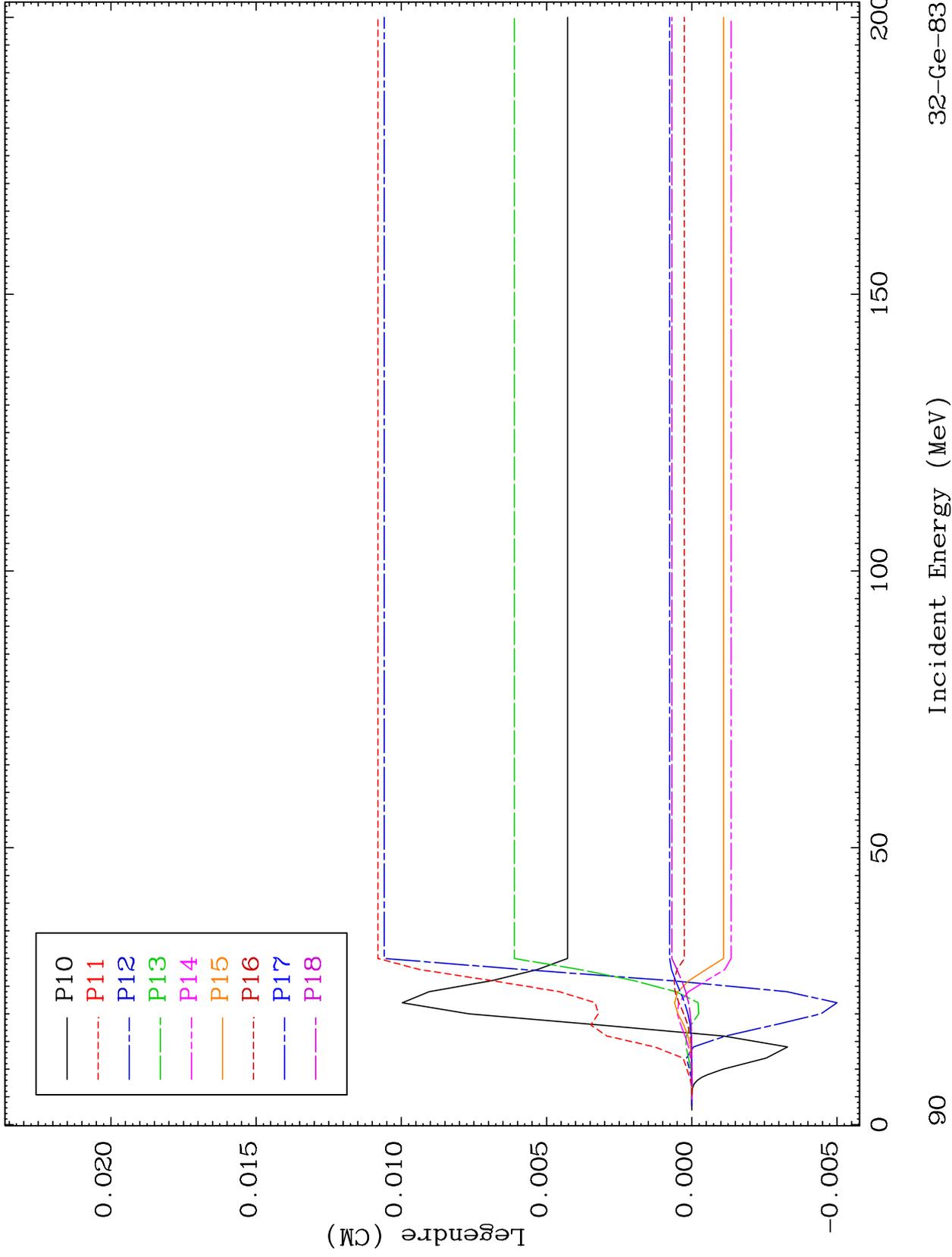
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



90

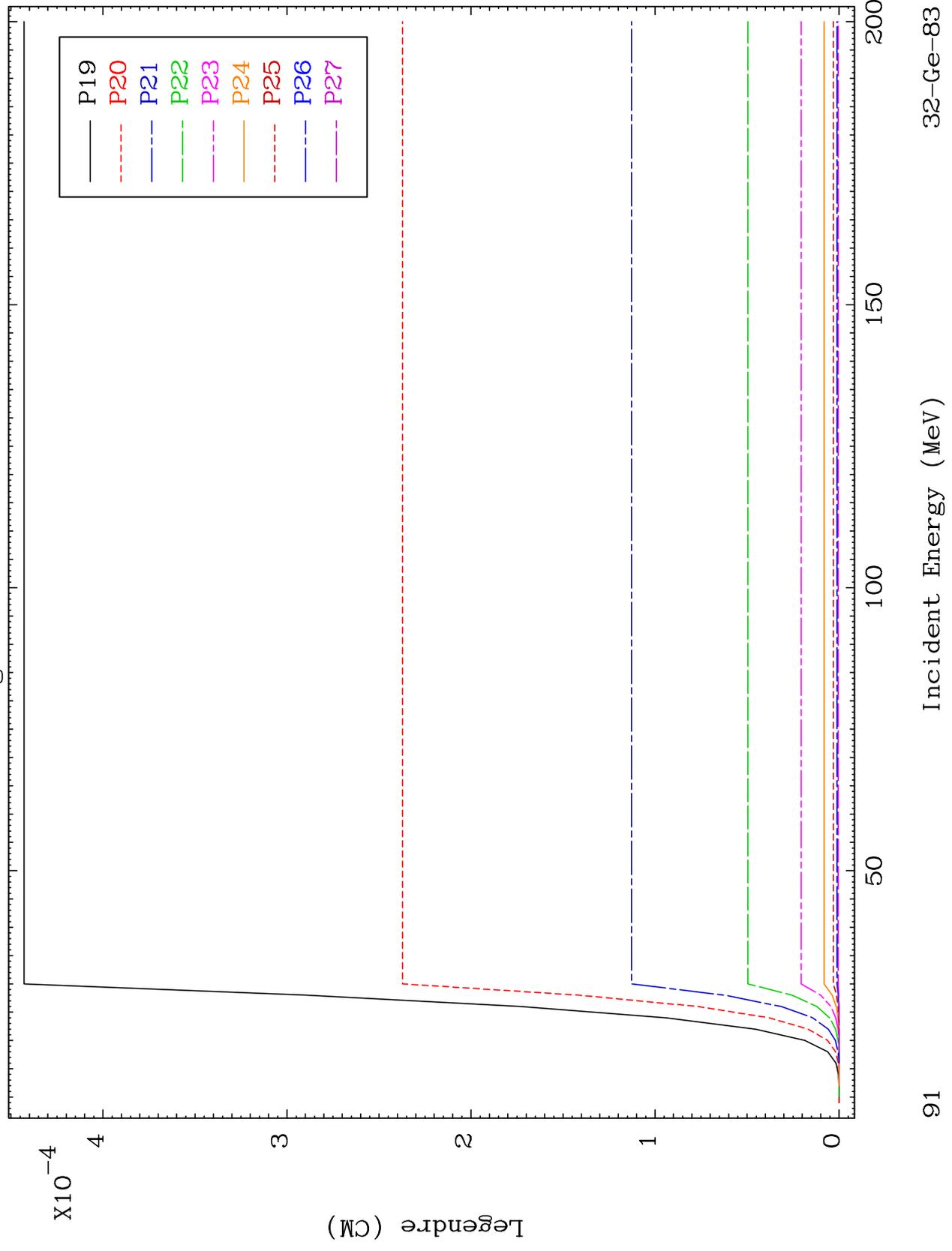
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



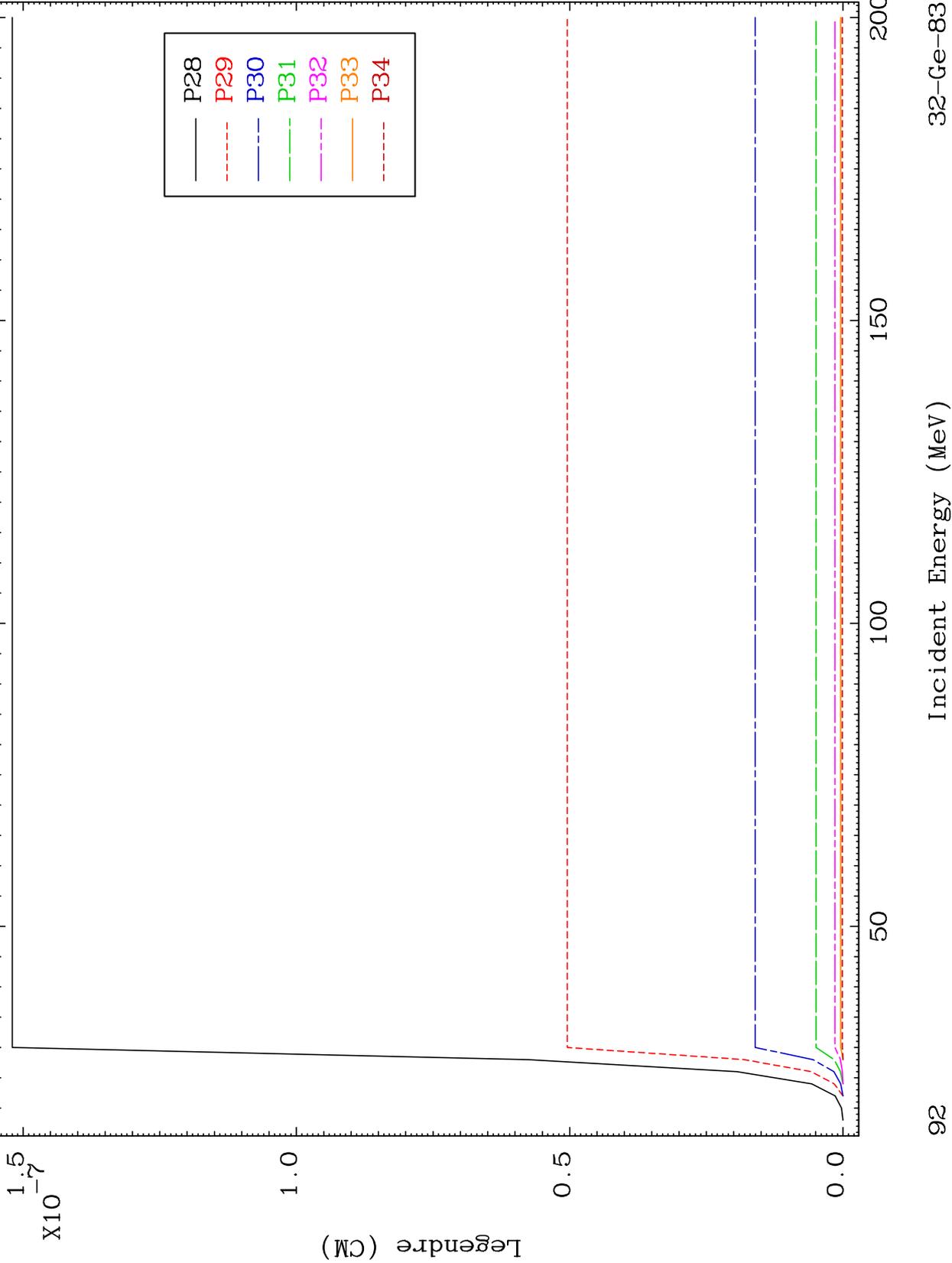
91

32-Ge-83

MAT 3264

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

32-Ge-83



92

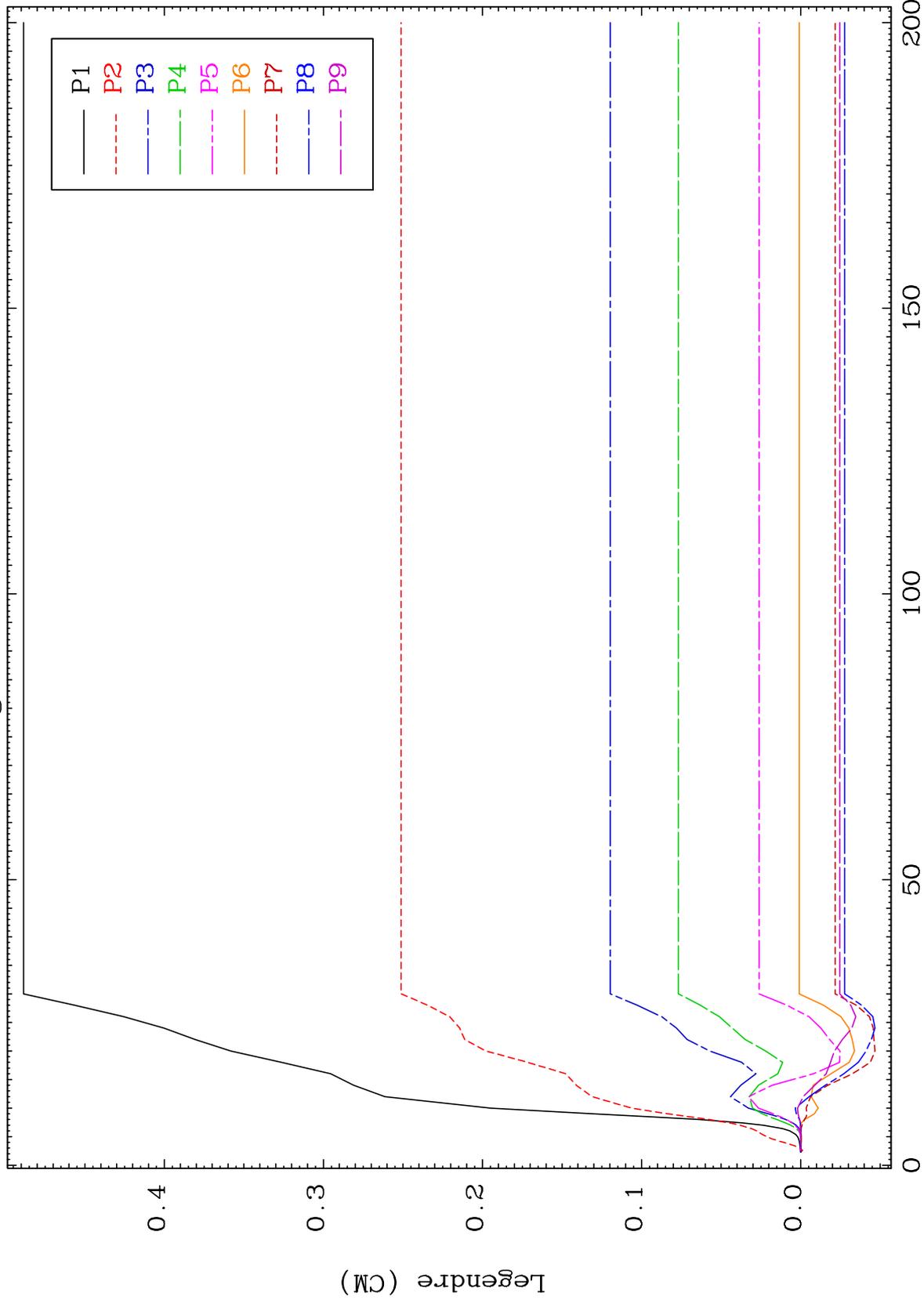
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



93

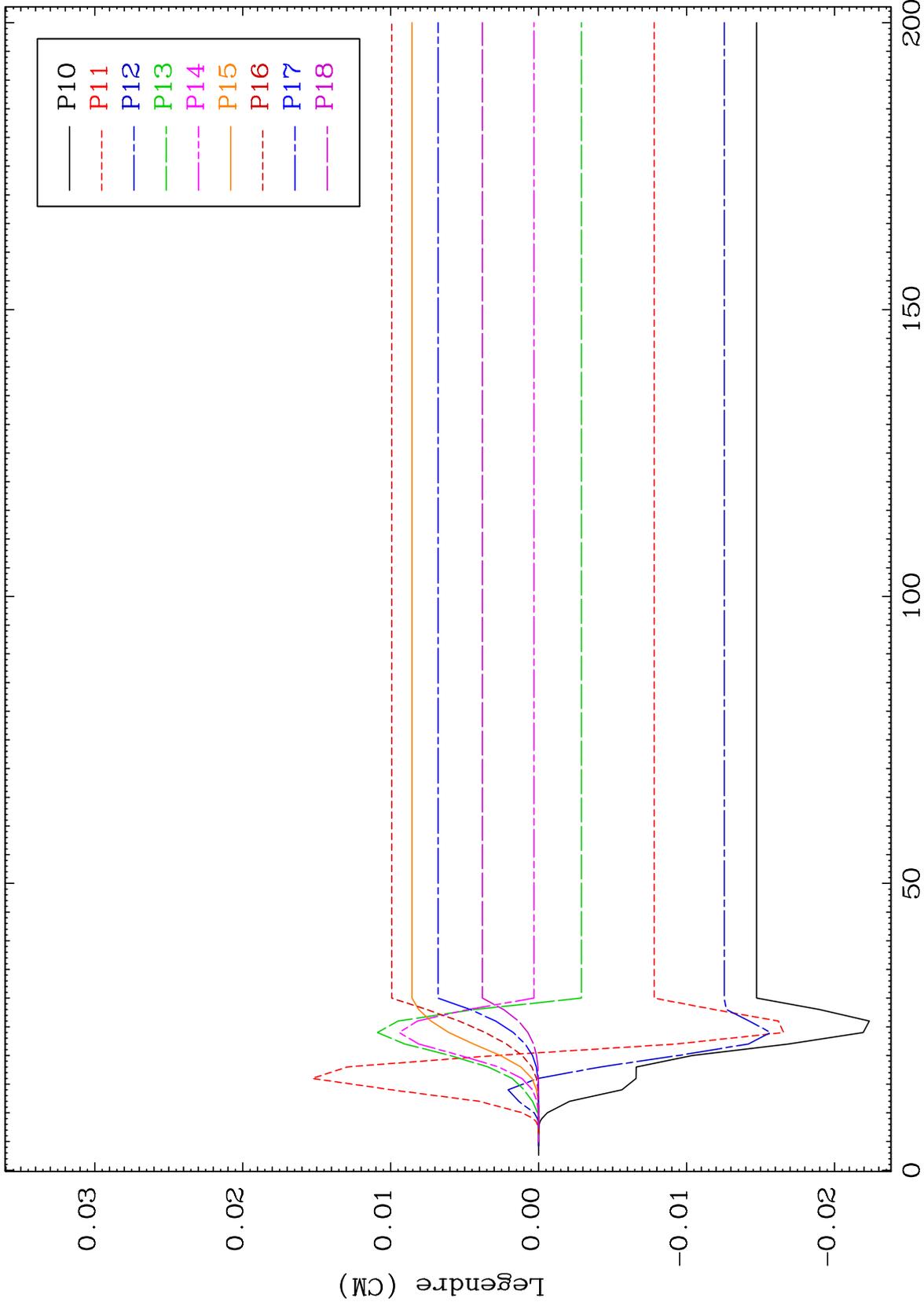
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



94

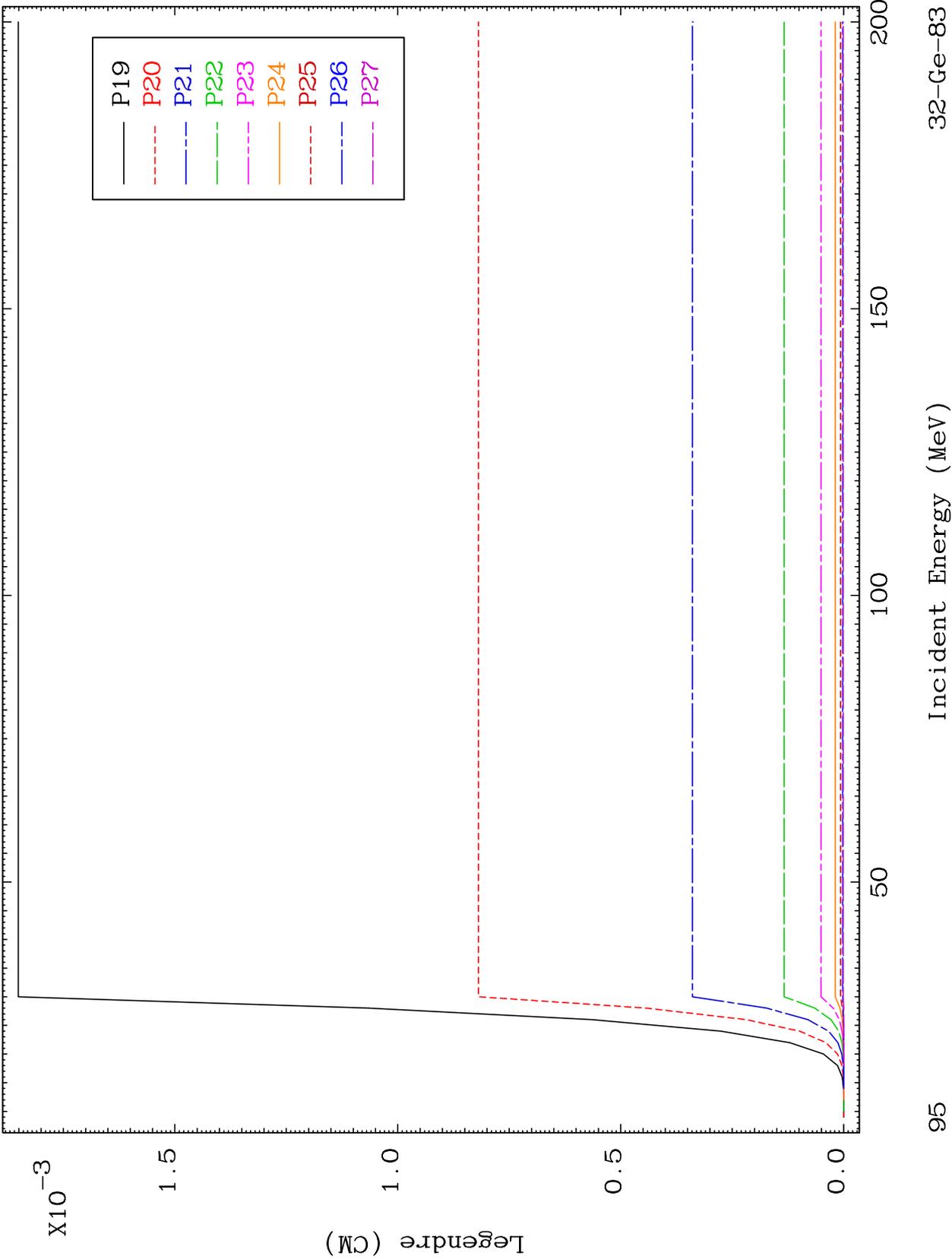
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

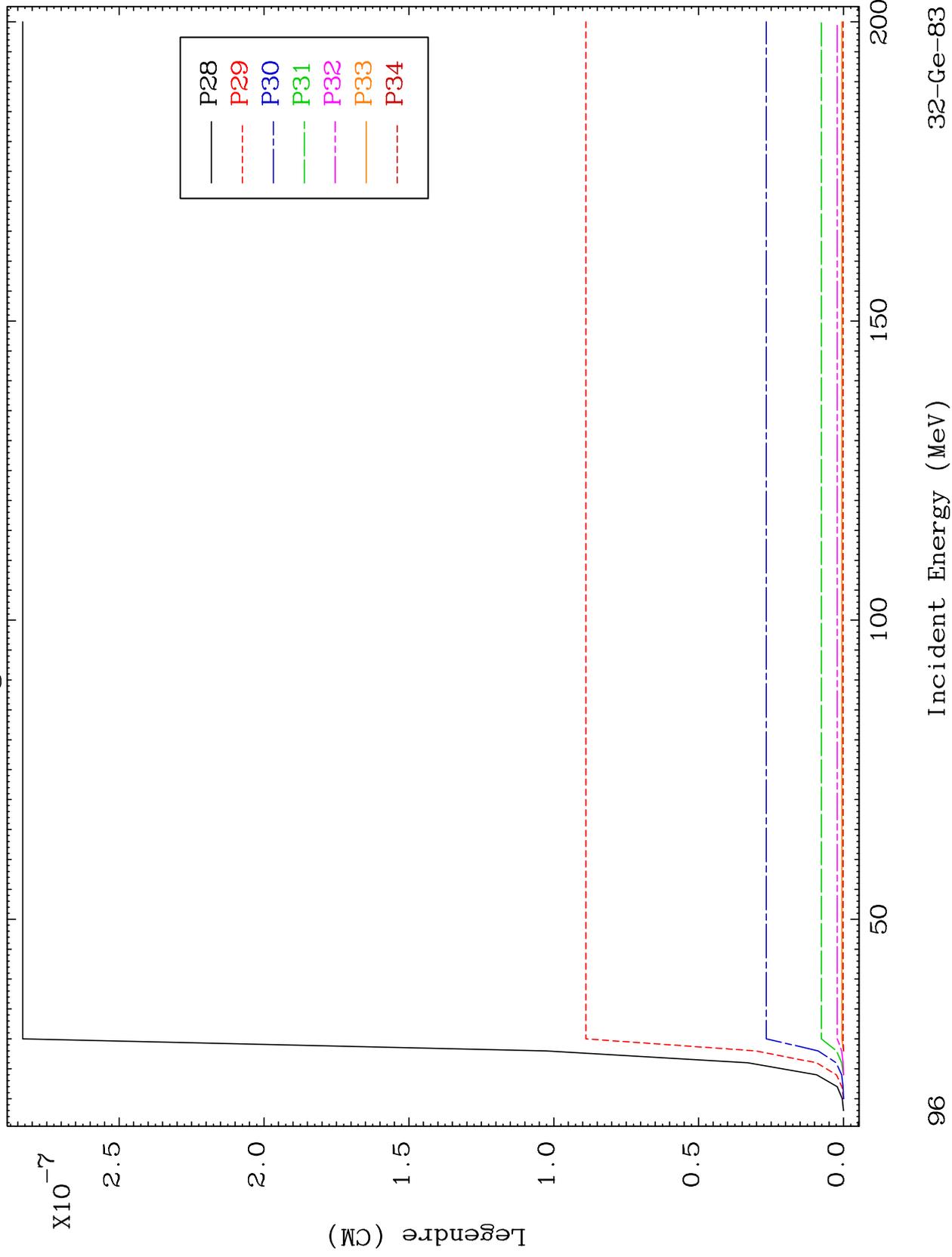
32-Ge-83



MAT 3264

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

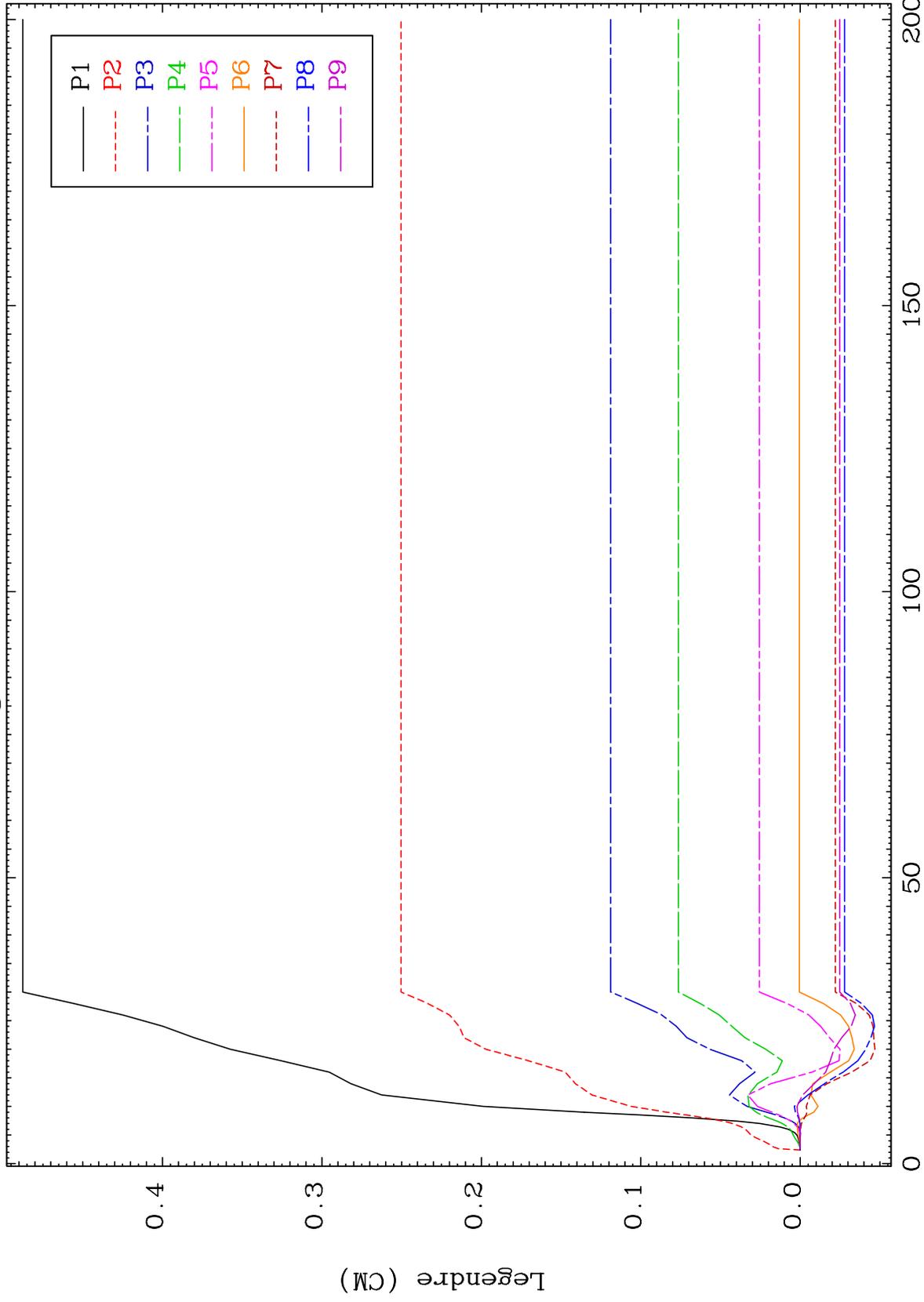
32-Ge-83



MAT 3264

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

32-Ge-83



97

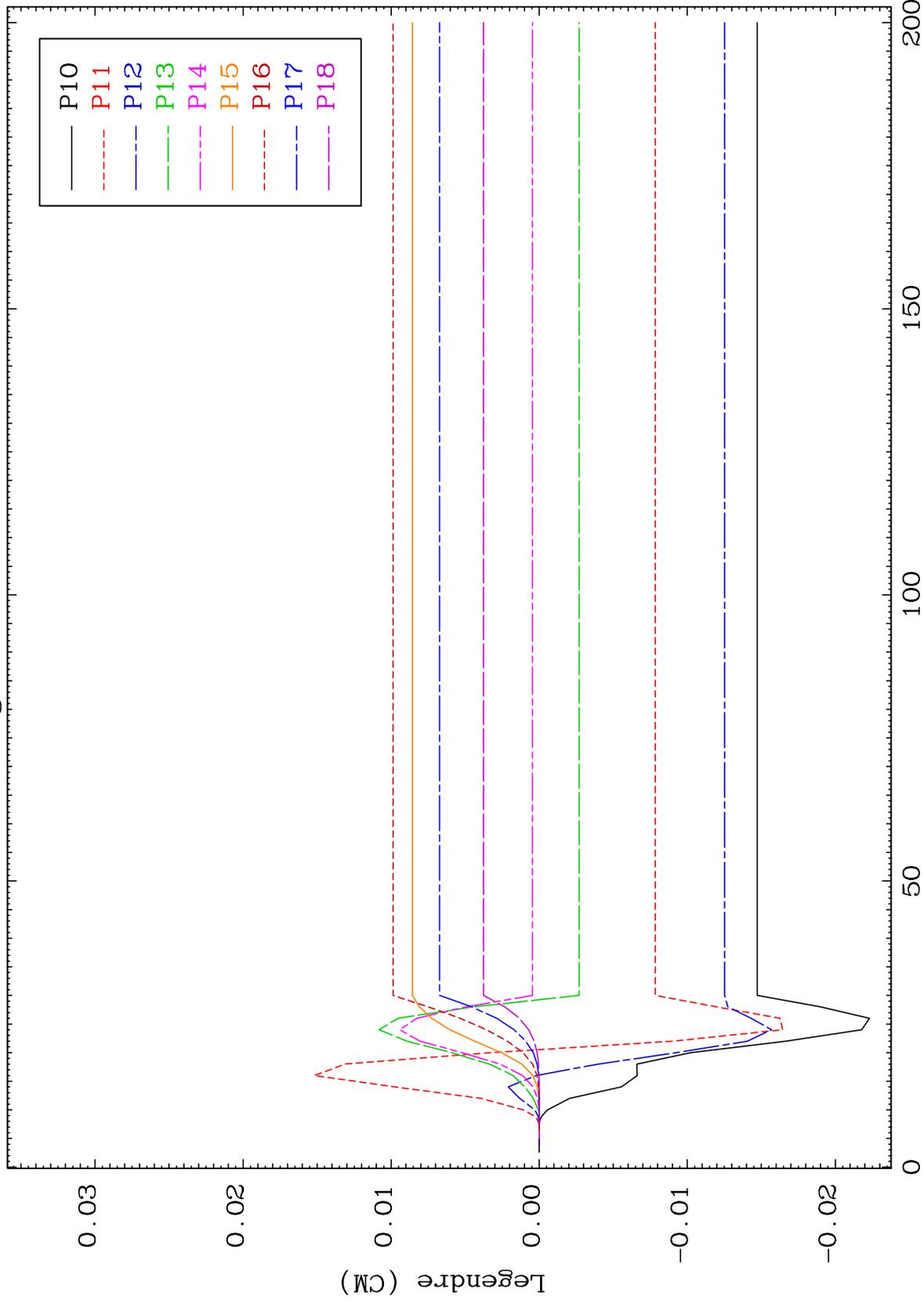
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



98

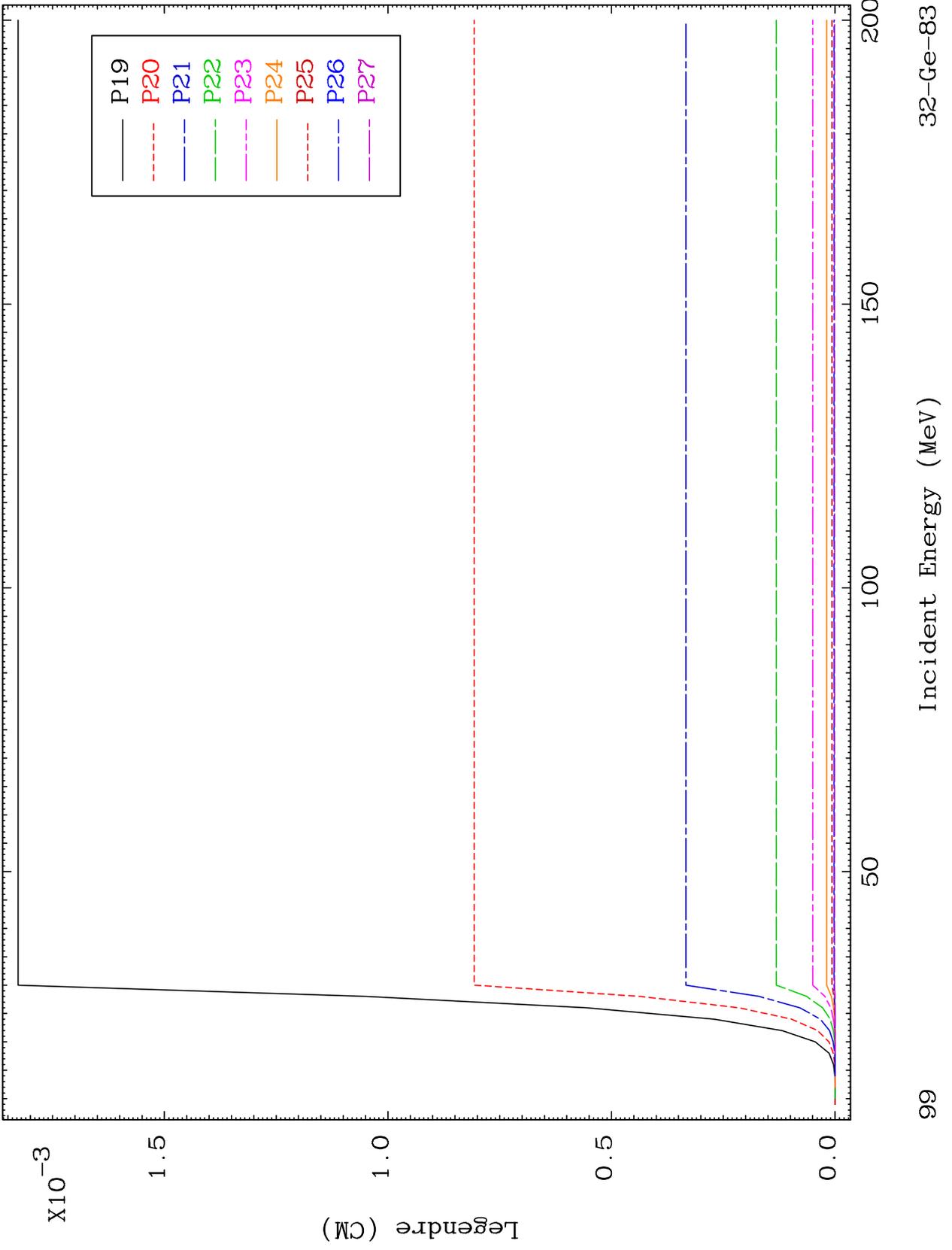
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83

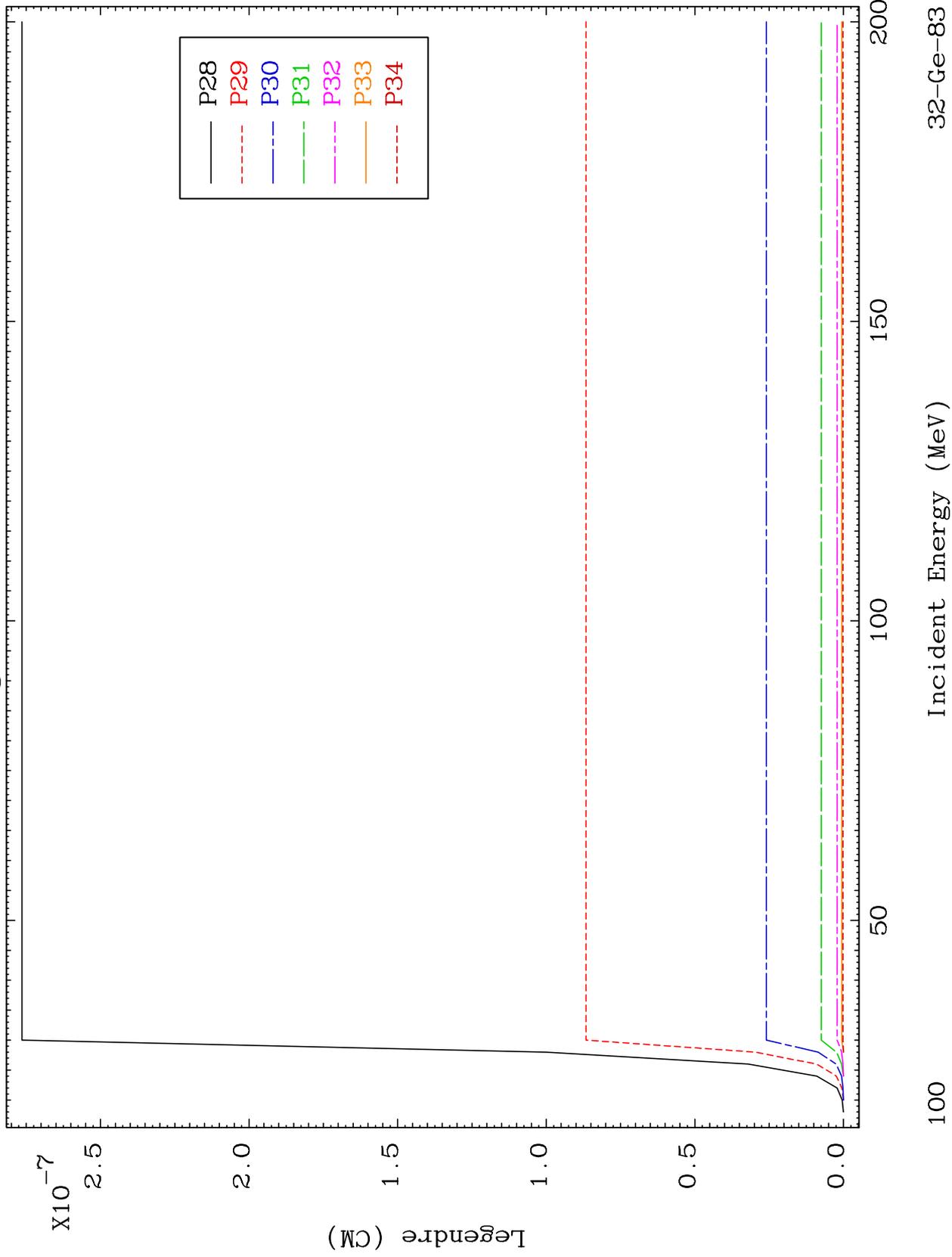


99

MAT 3264

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

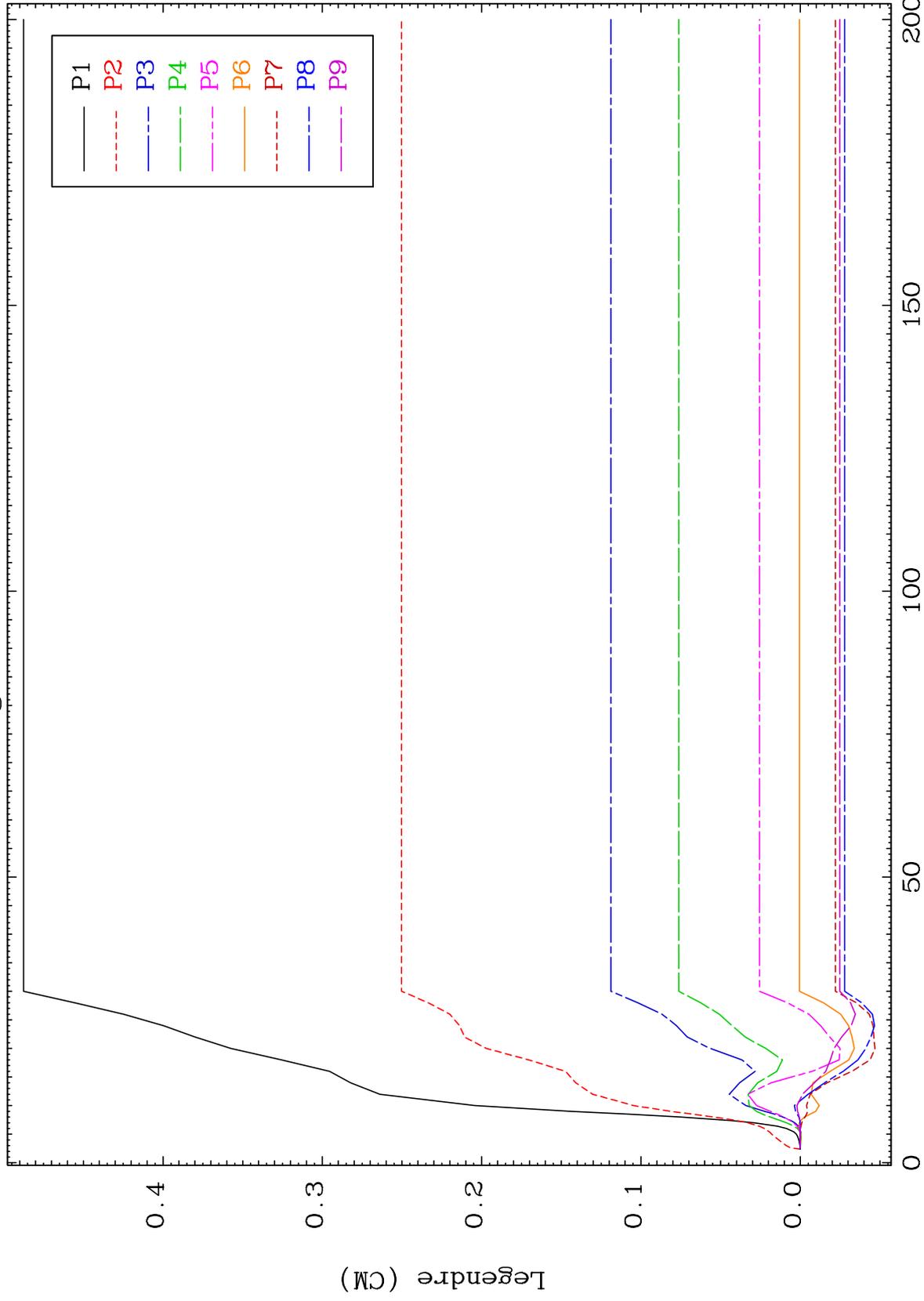
32-Ge-83



MAT 3264

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

32-Ge-83



101

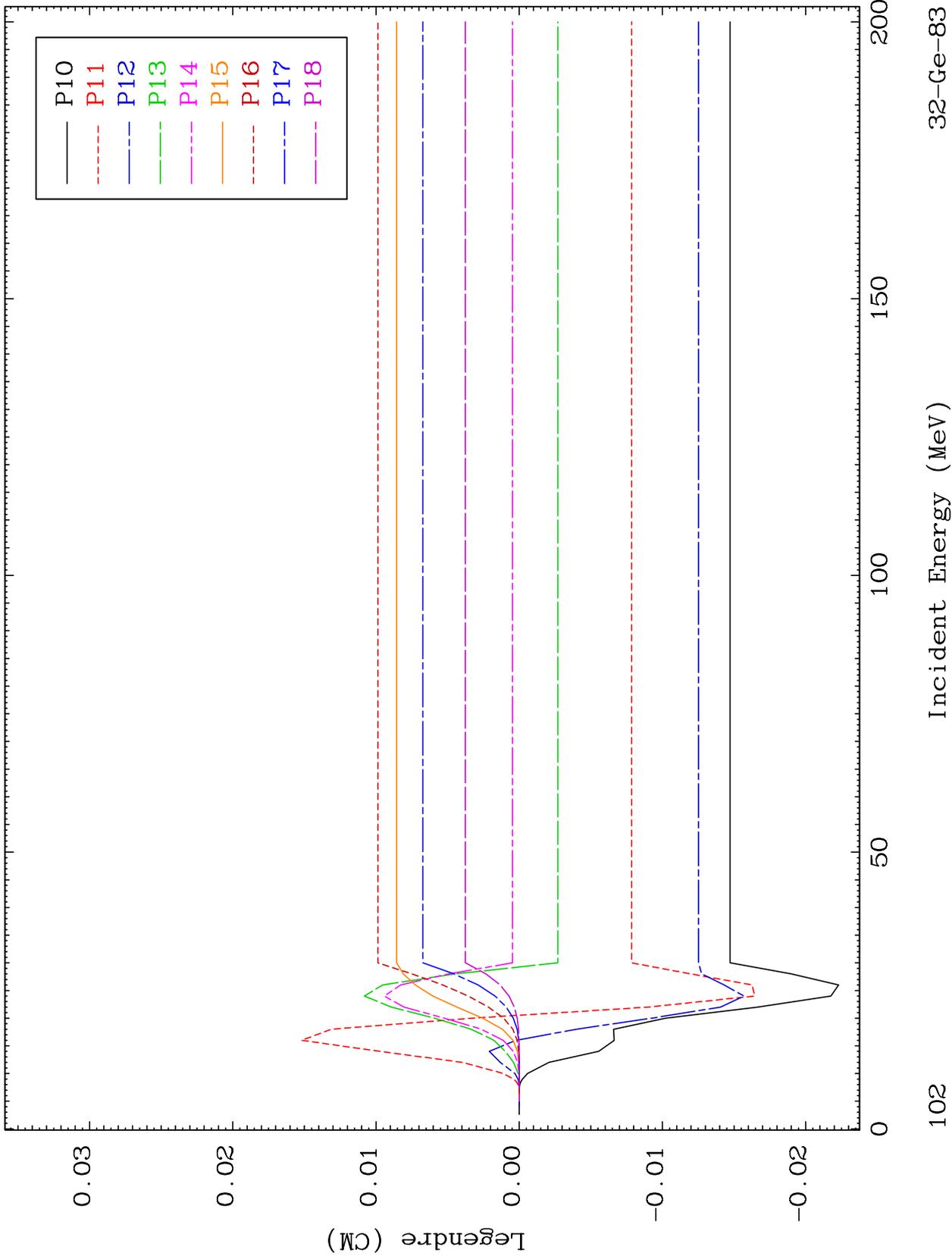
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

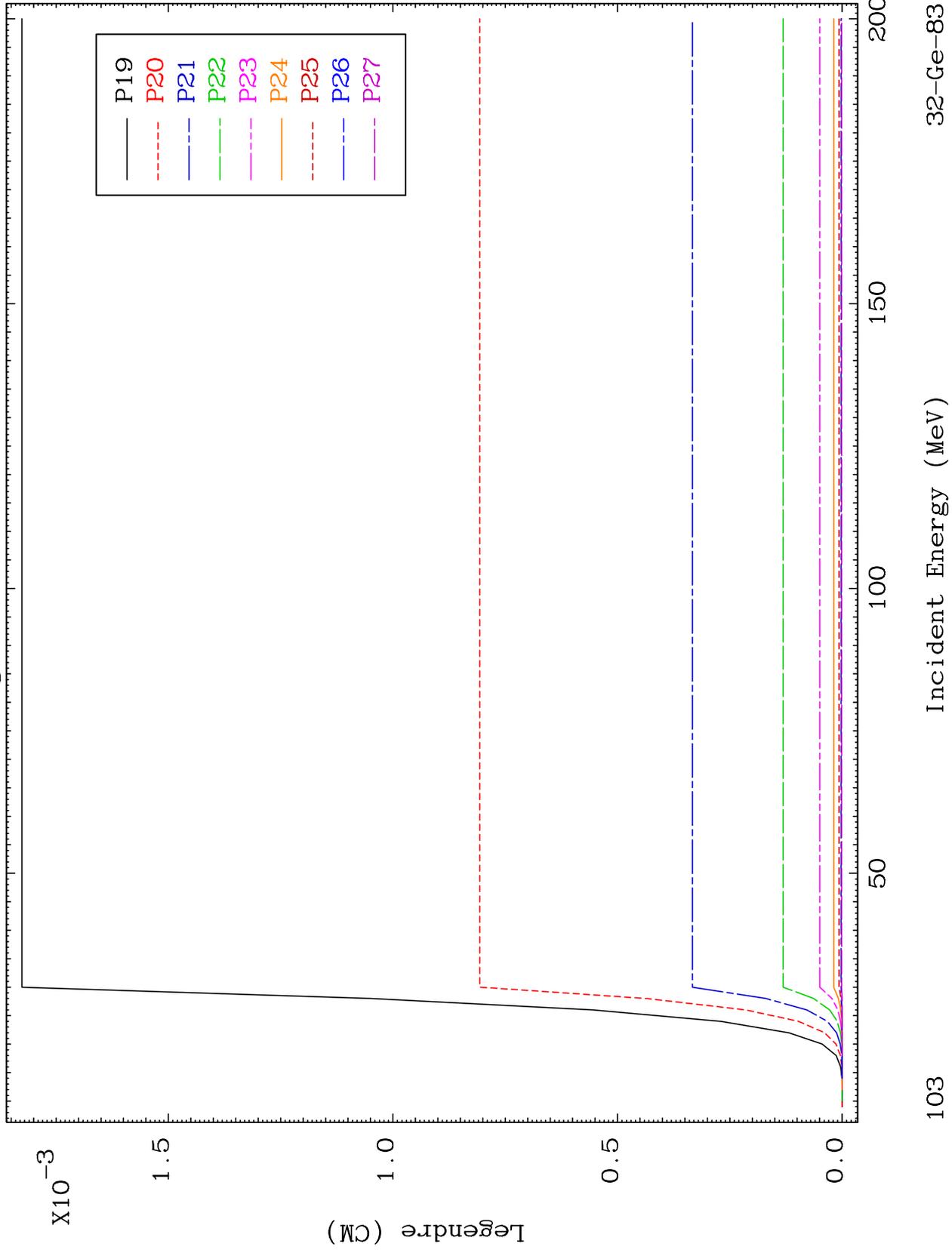
32-Ge-83



MAT 3264

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

32-Ge-83



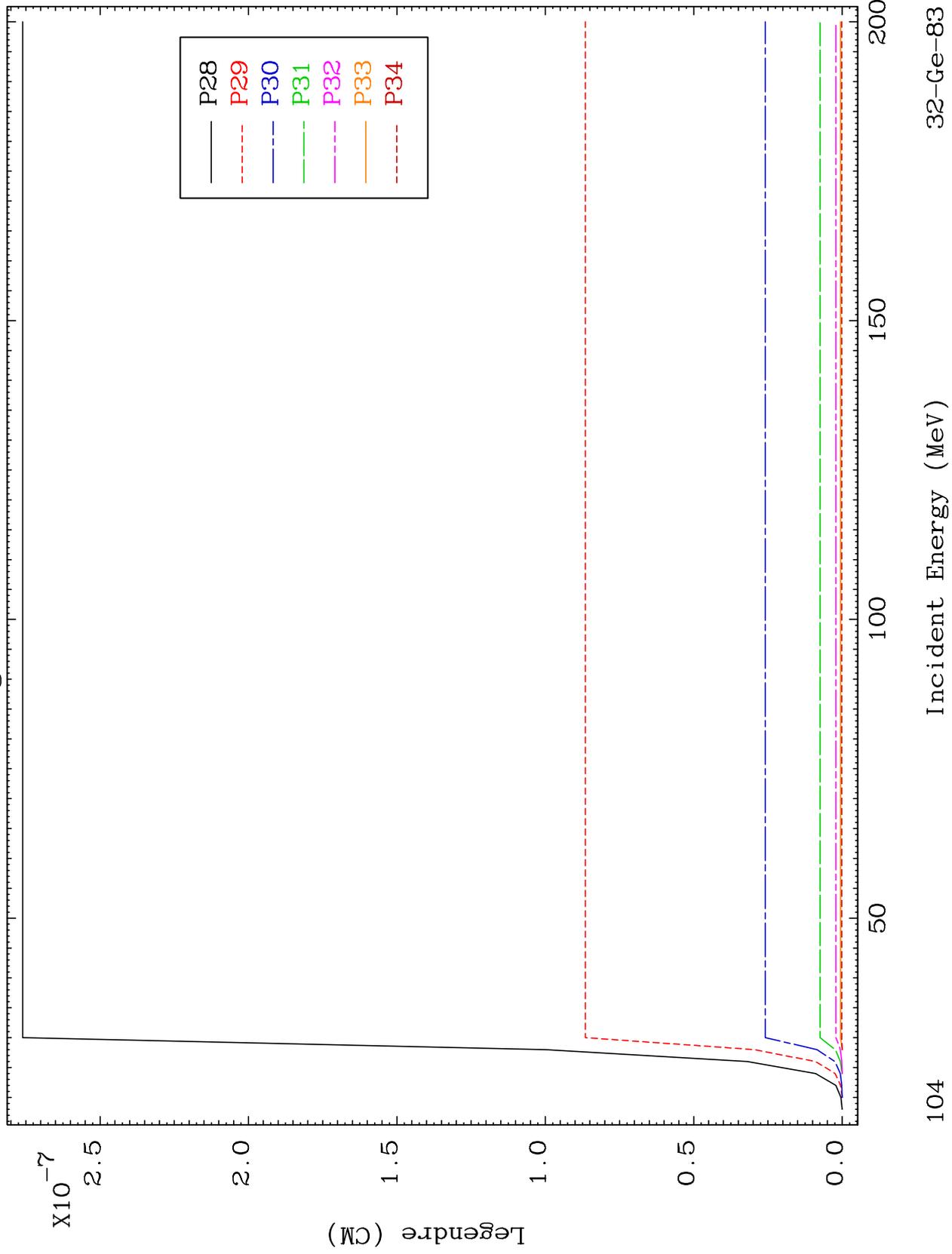
103

32-Ge-83

MAT 3264

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

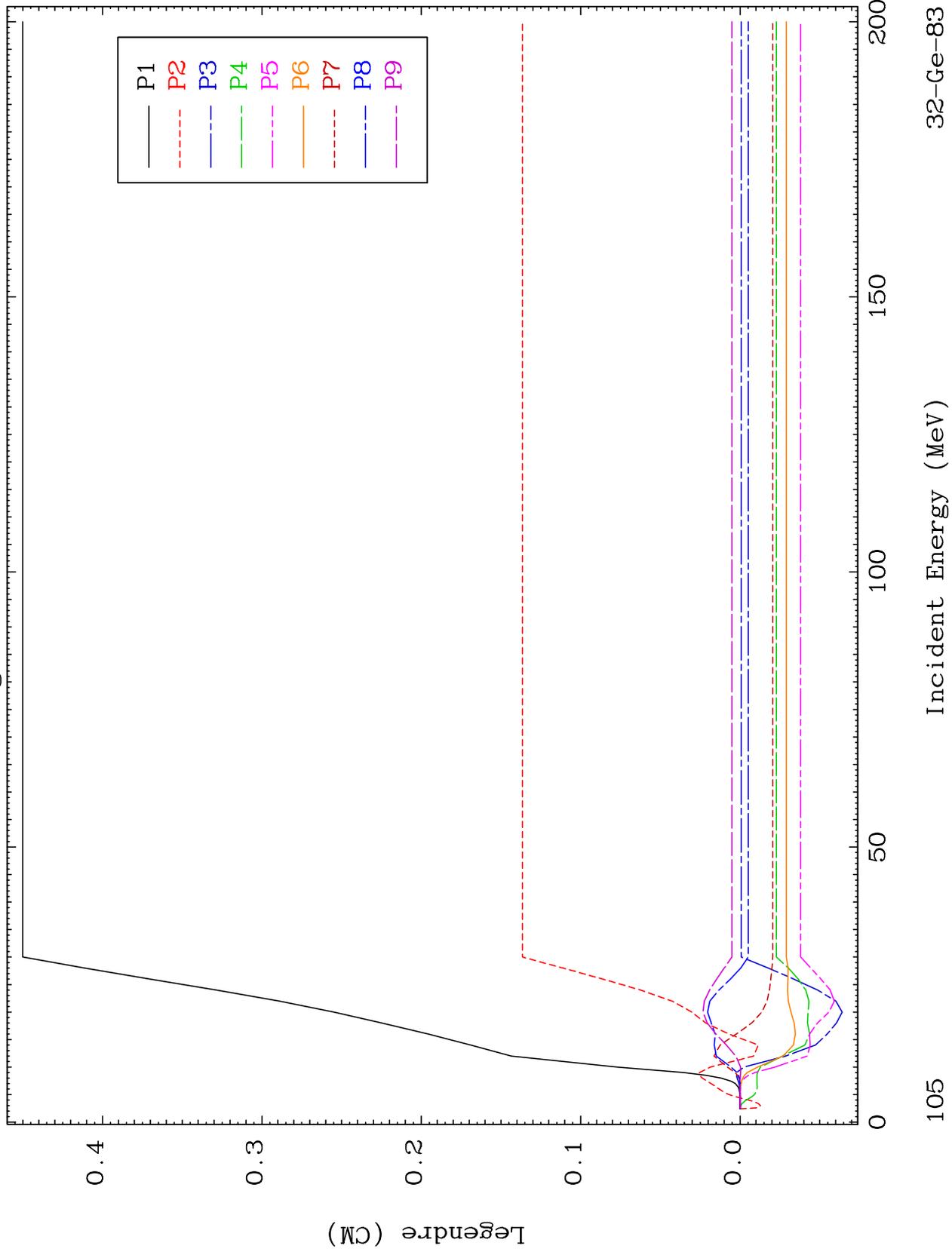
32-Ge-83



MAT 3264

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

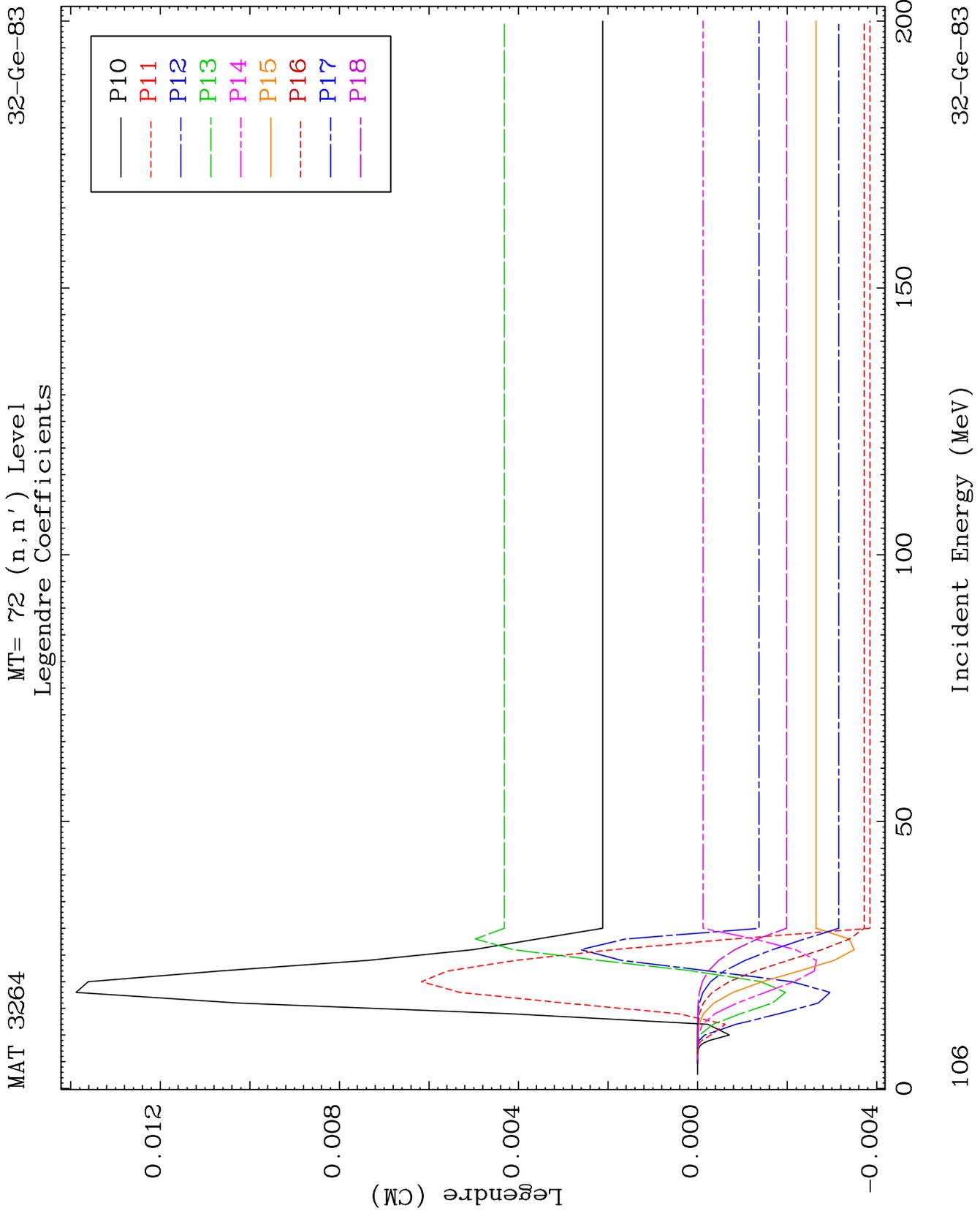
32-Ge-83



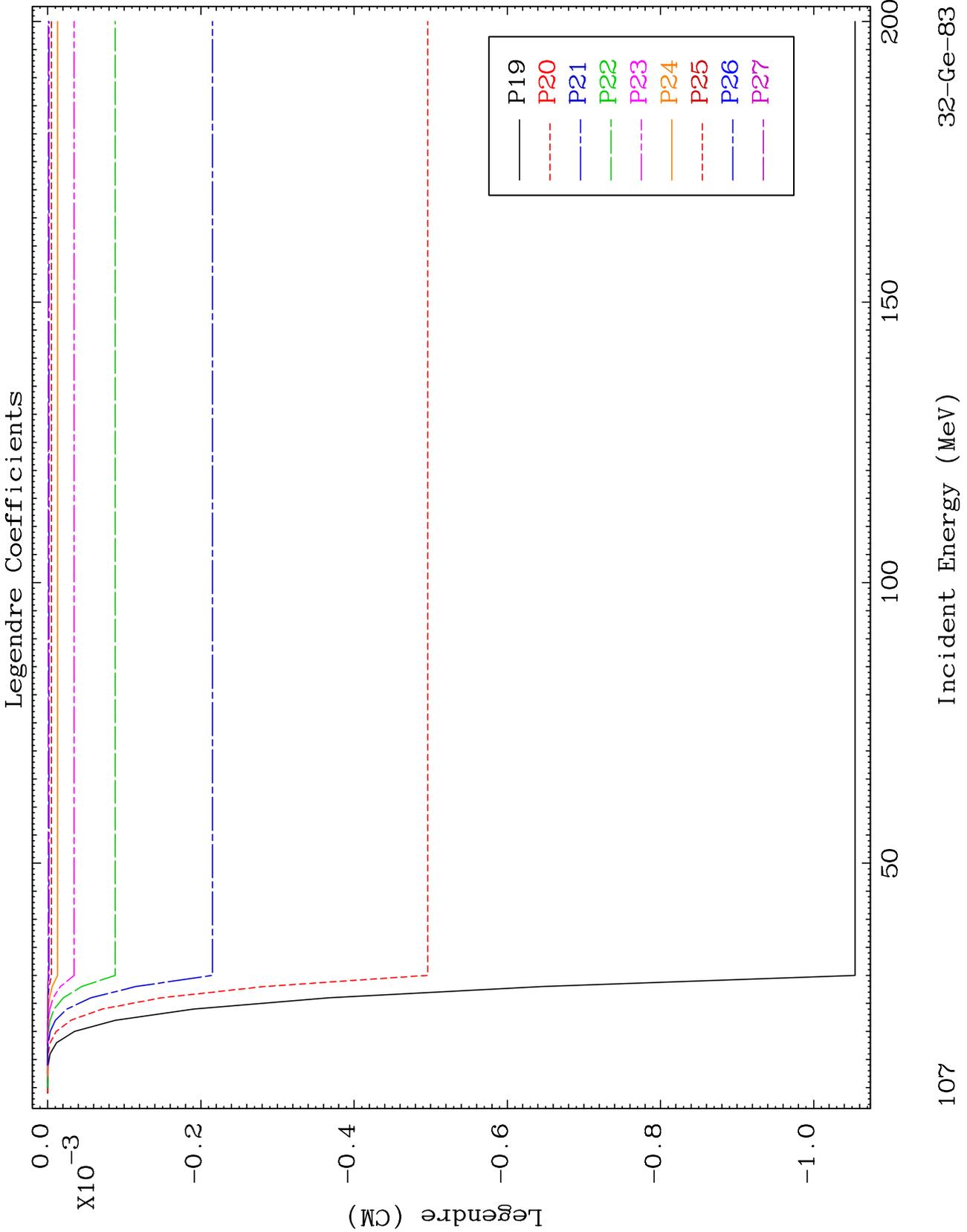
32-Ge-83

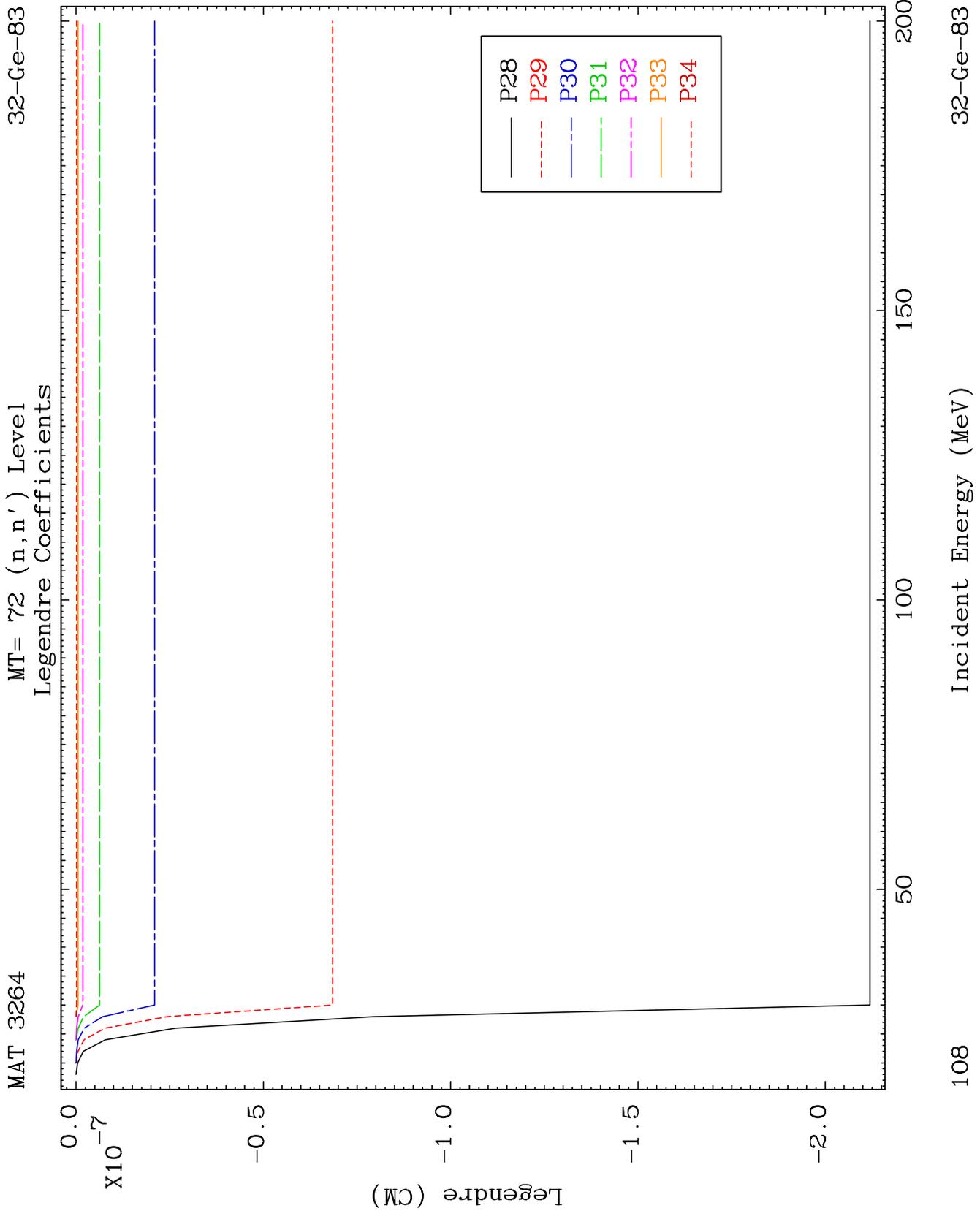
Incident Energy (MeV)

105



MAT 3264 MT= 72 (n,n') Level 32-Ge-83

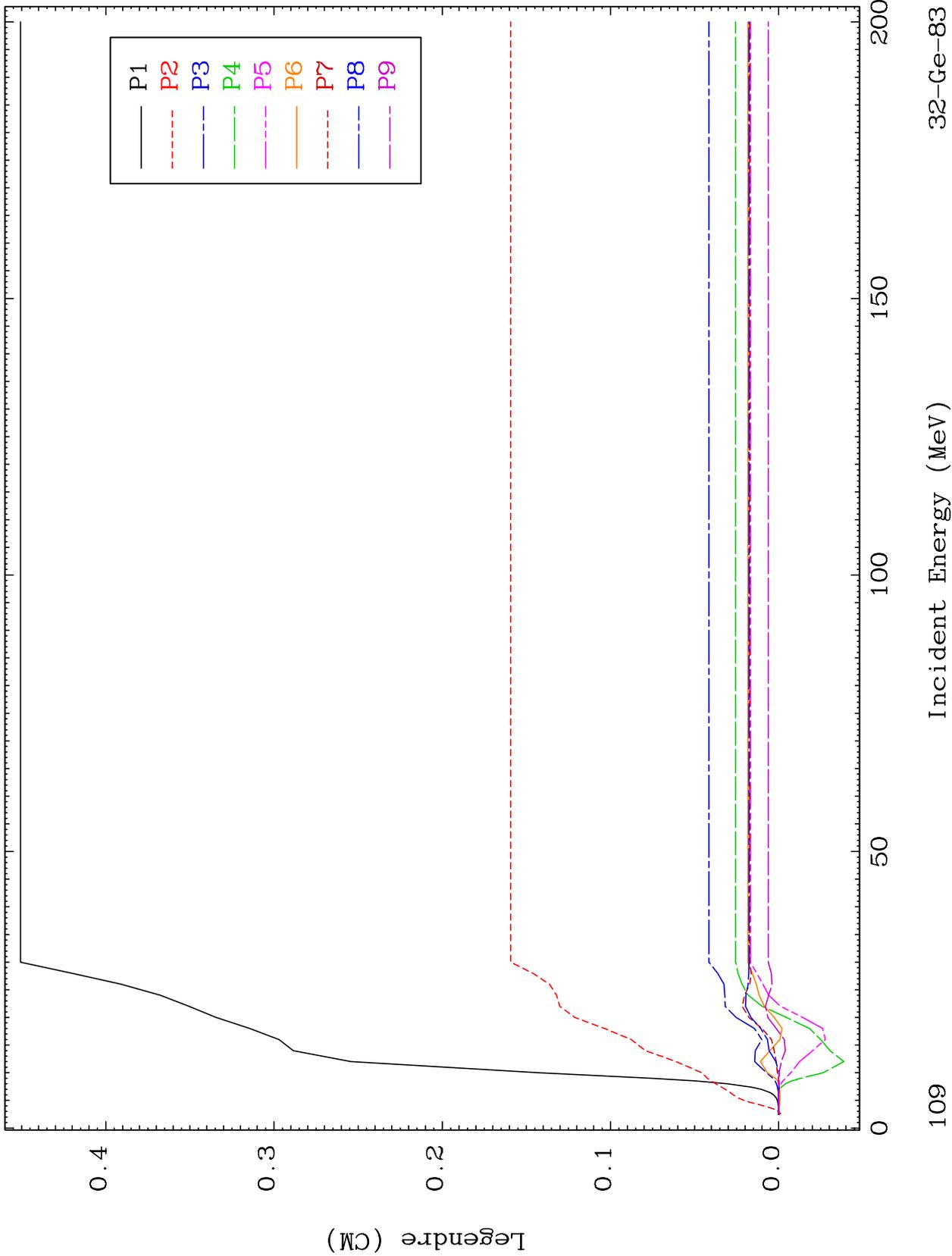




MAT 3264

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

32-Ge-83



109

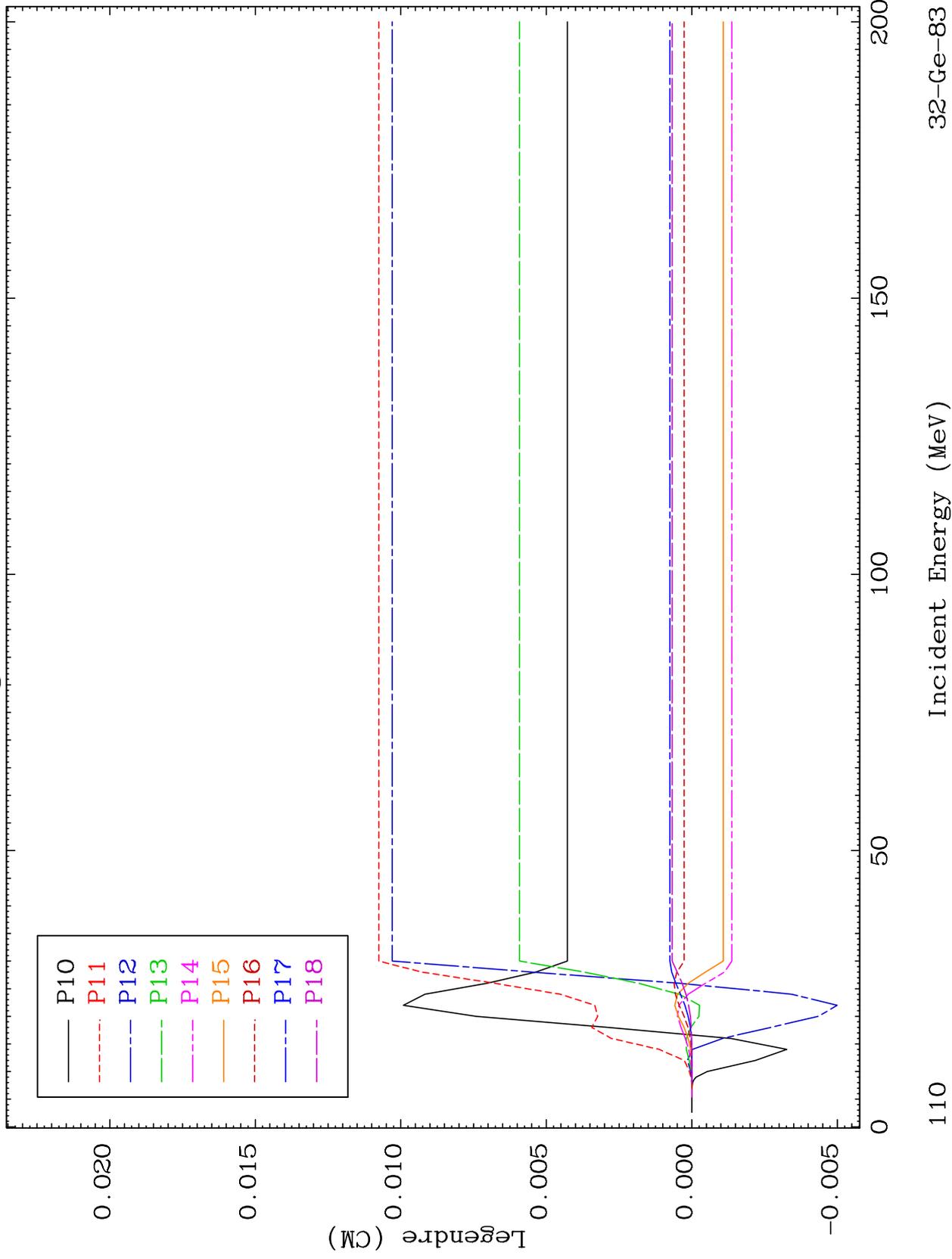
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



110

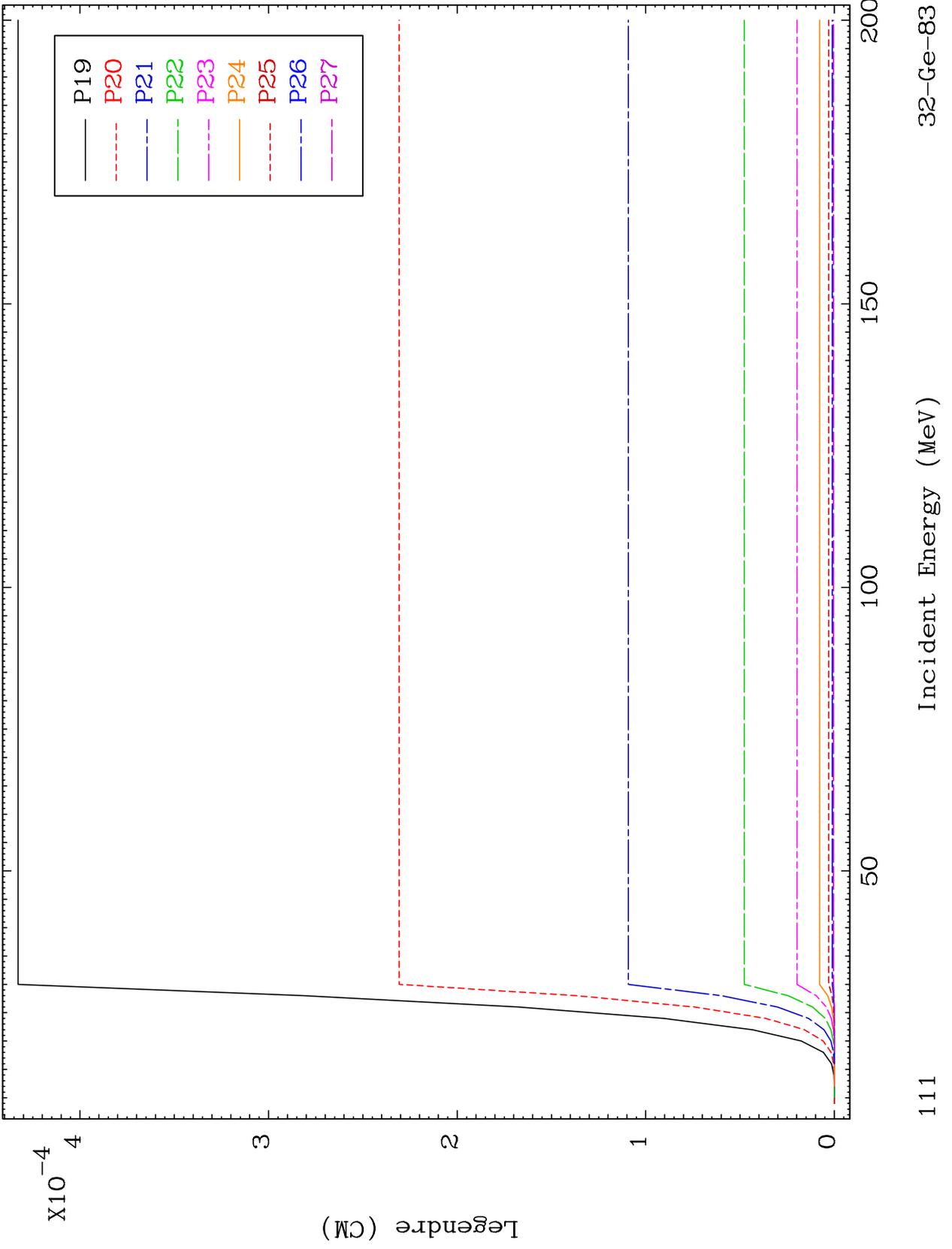
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

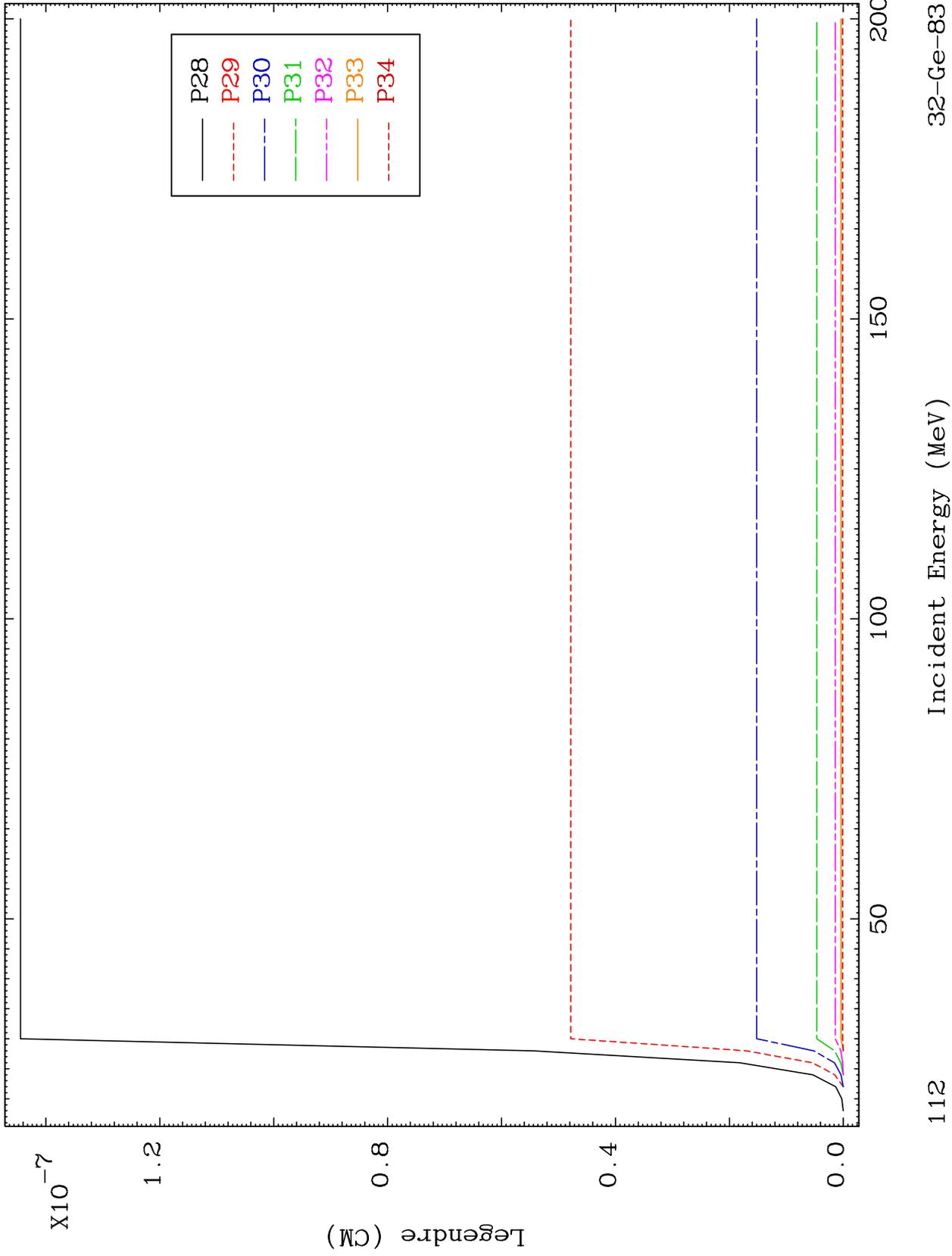
32-Ge-83



MAT 3264

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

32-Ge-83

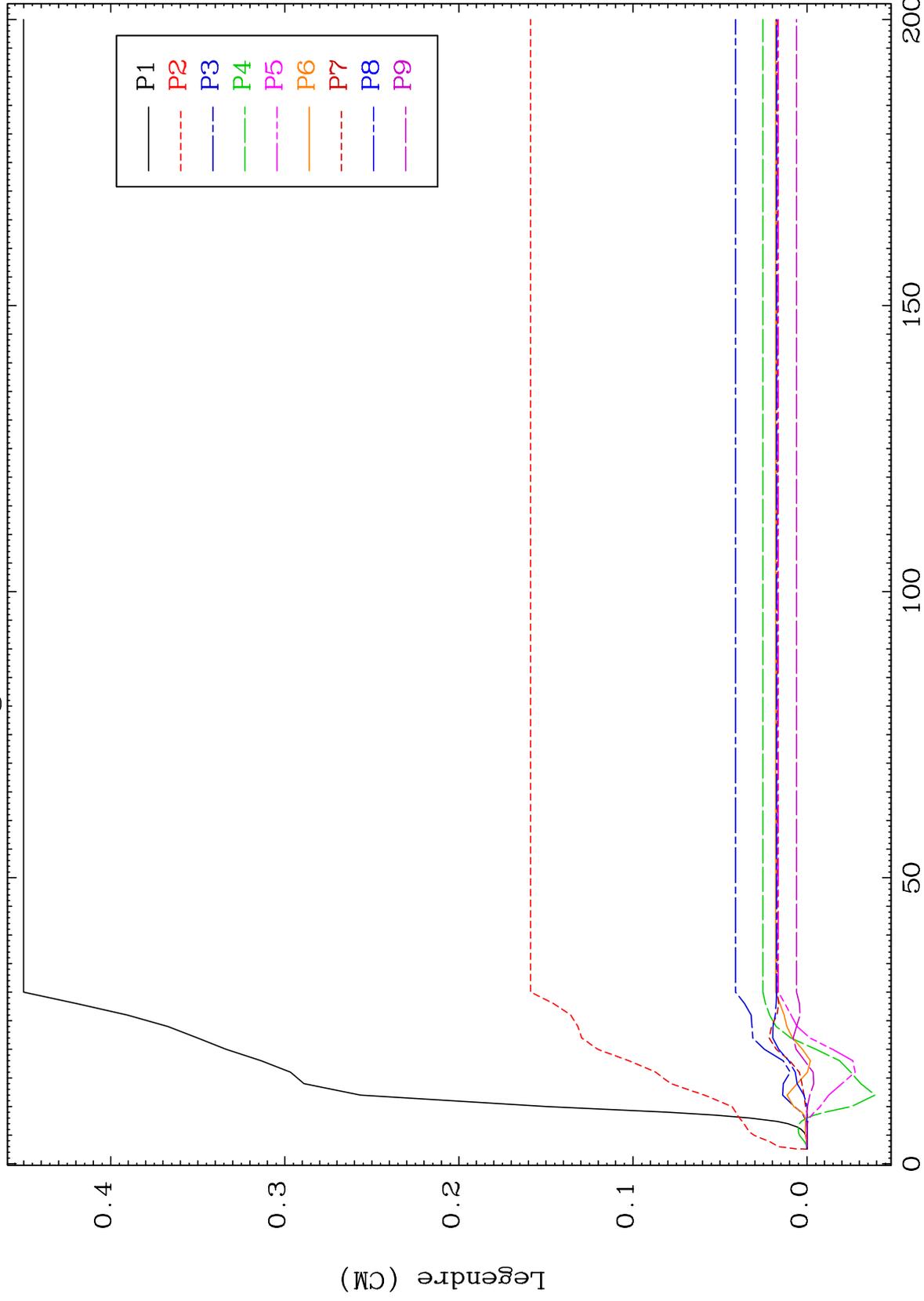


112

MAT 3264

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

32-Ge-83



113

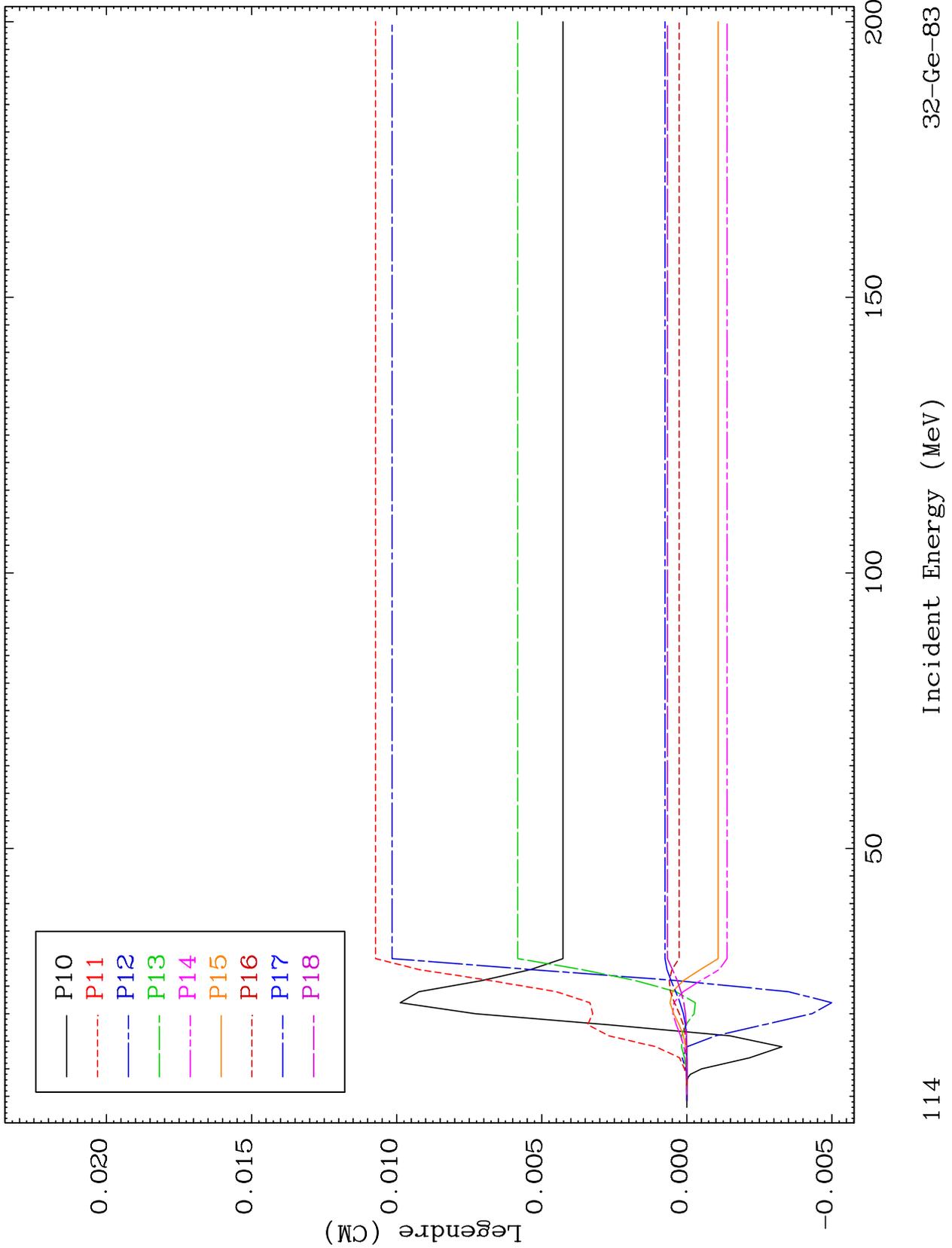
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

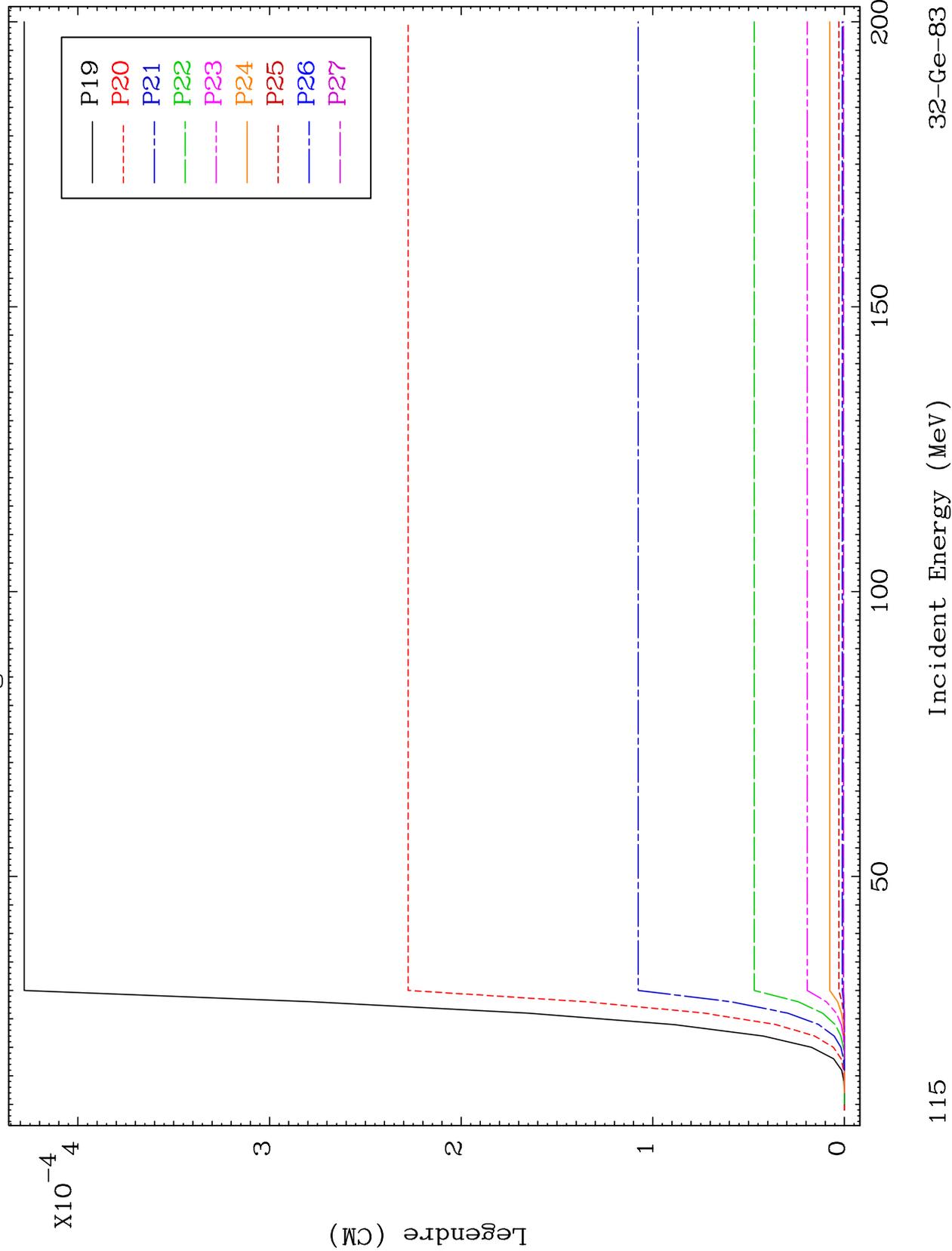
32-Ge-83



MAT 3264

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

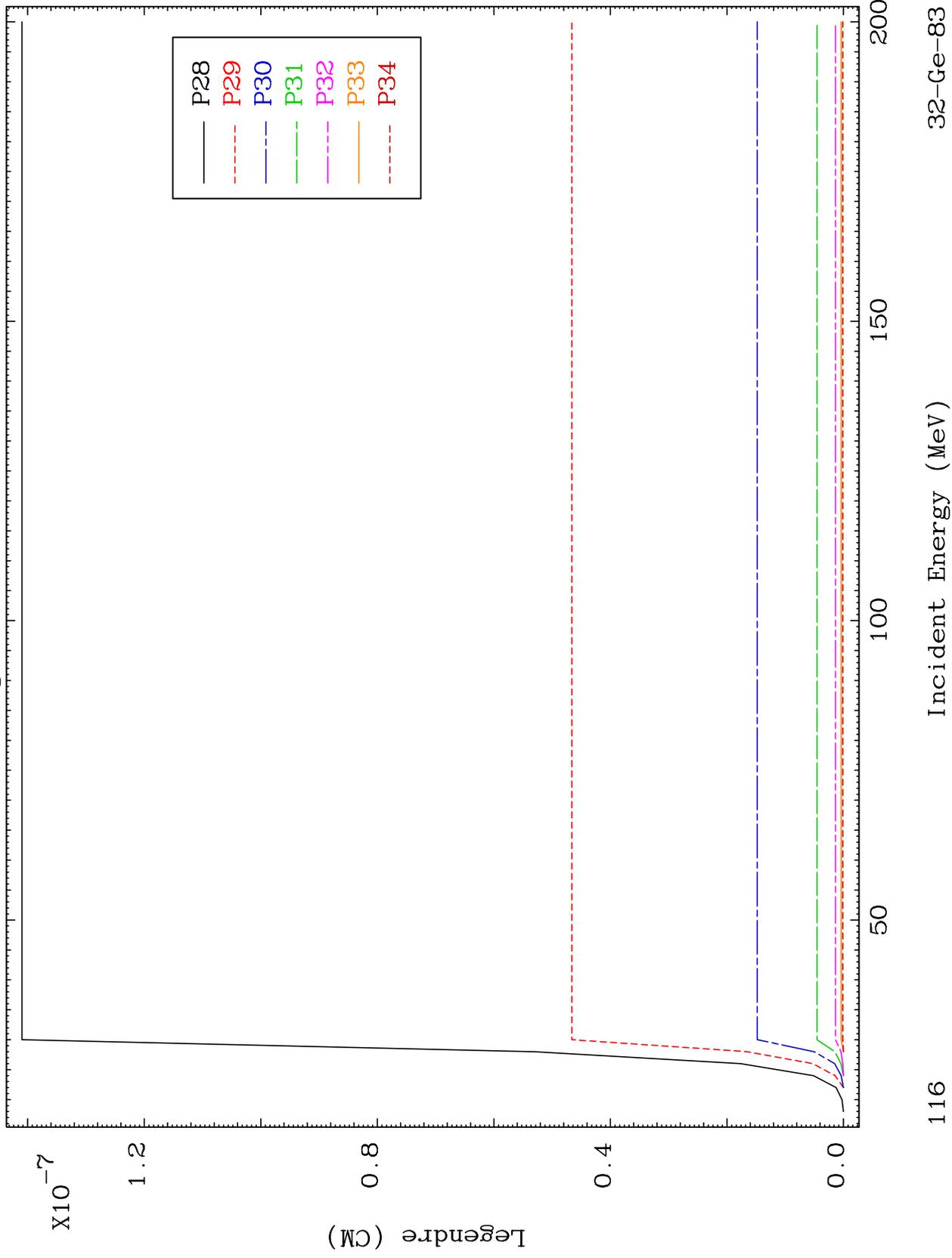
32-Ge-83



MAT 3264

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

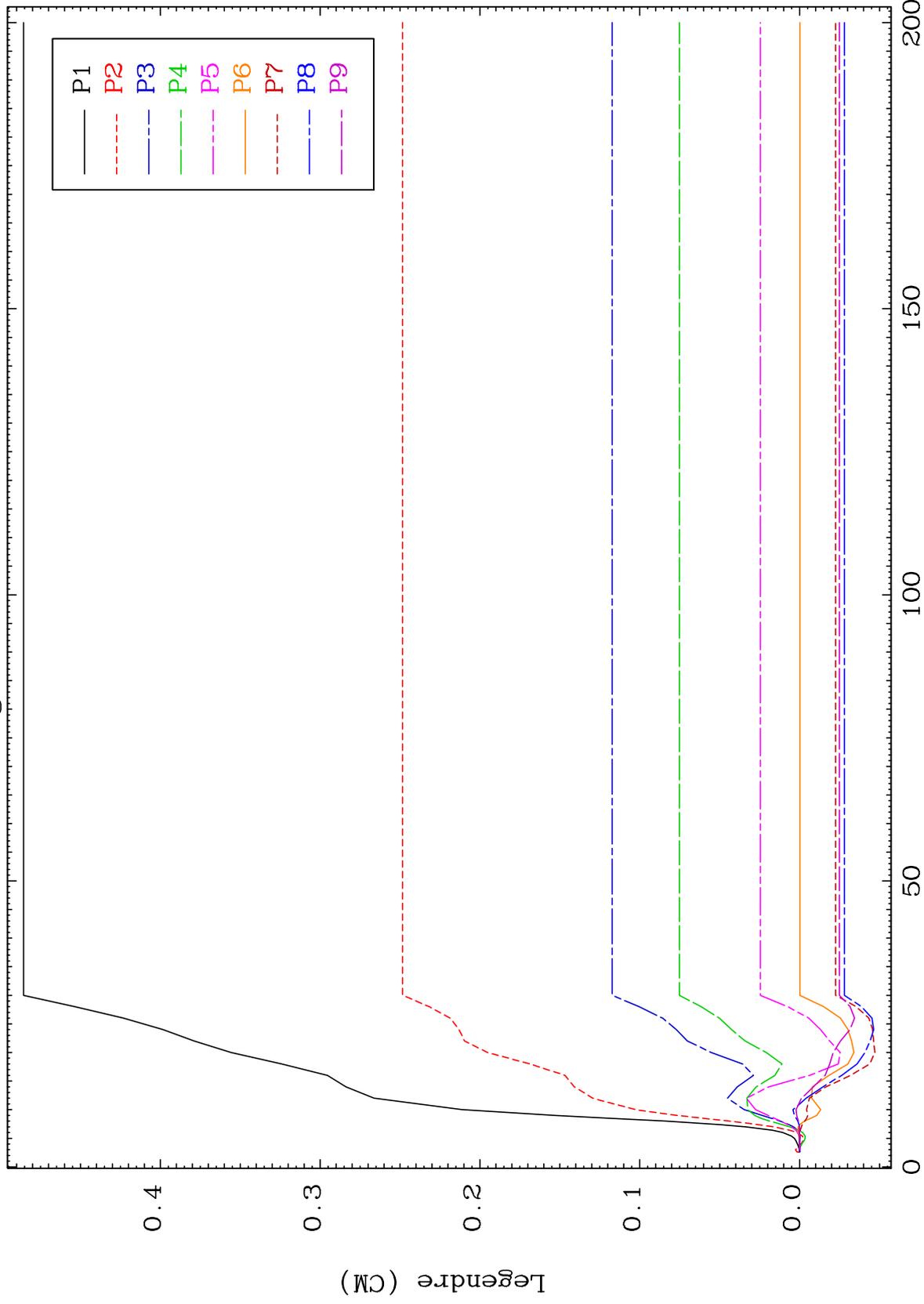
32-Ge-83



MAT 3264

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

32-Ge-83



117

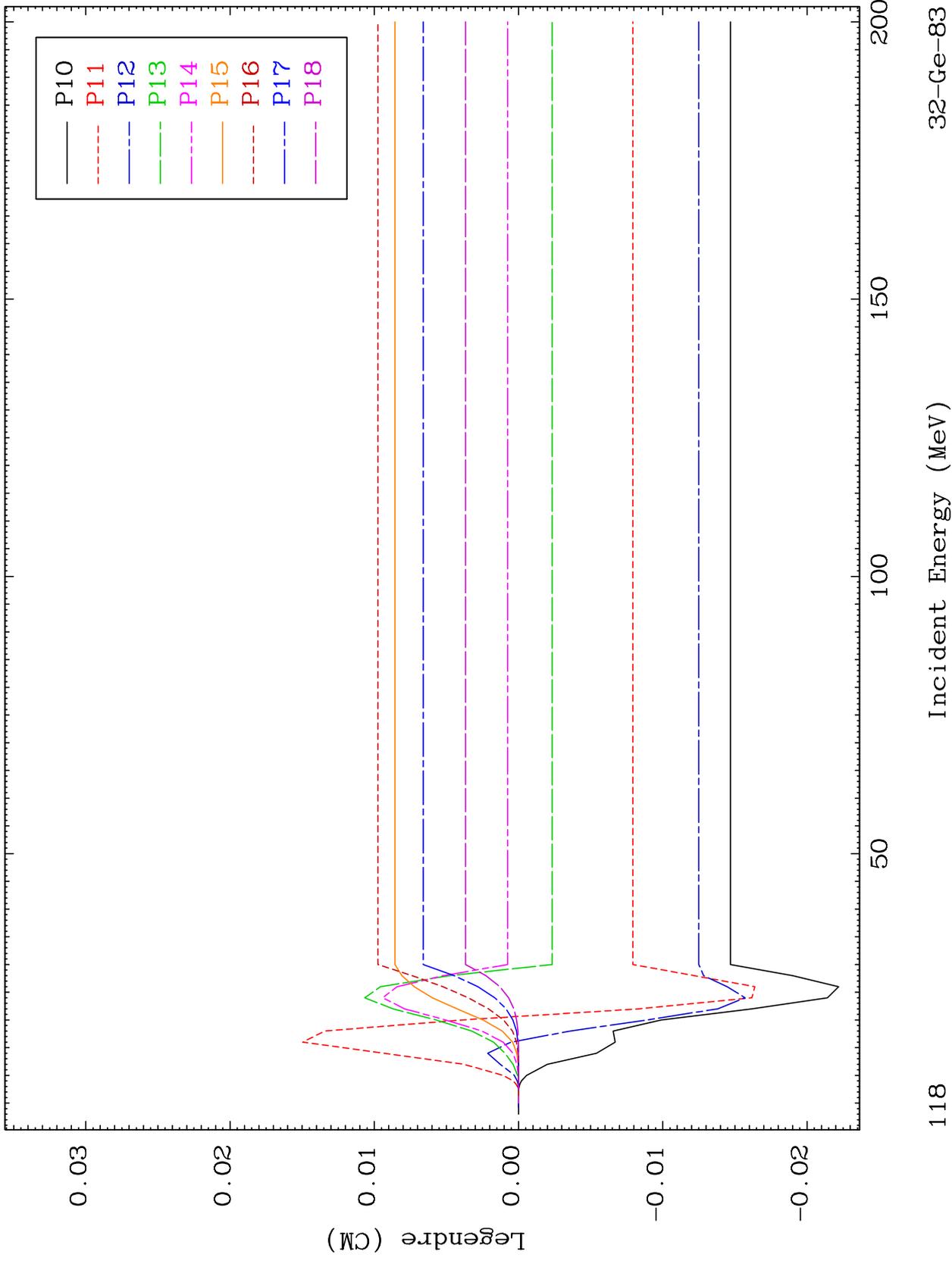
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



118

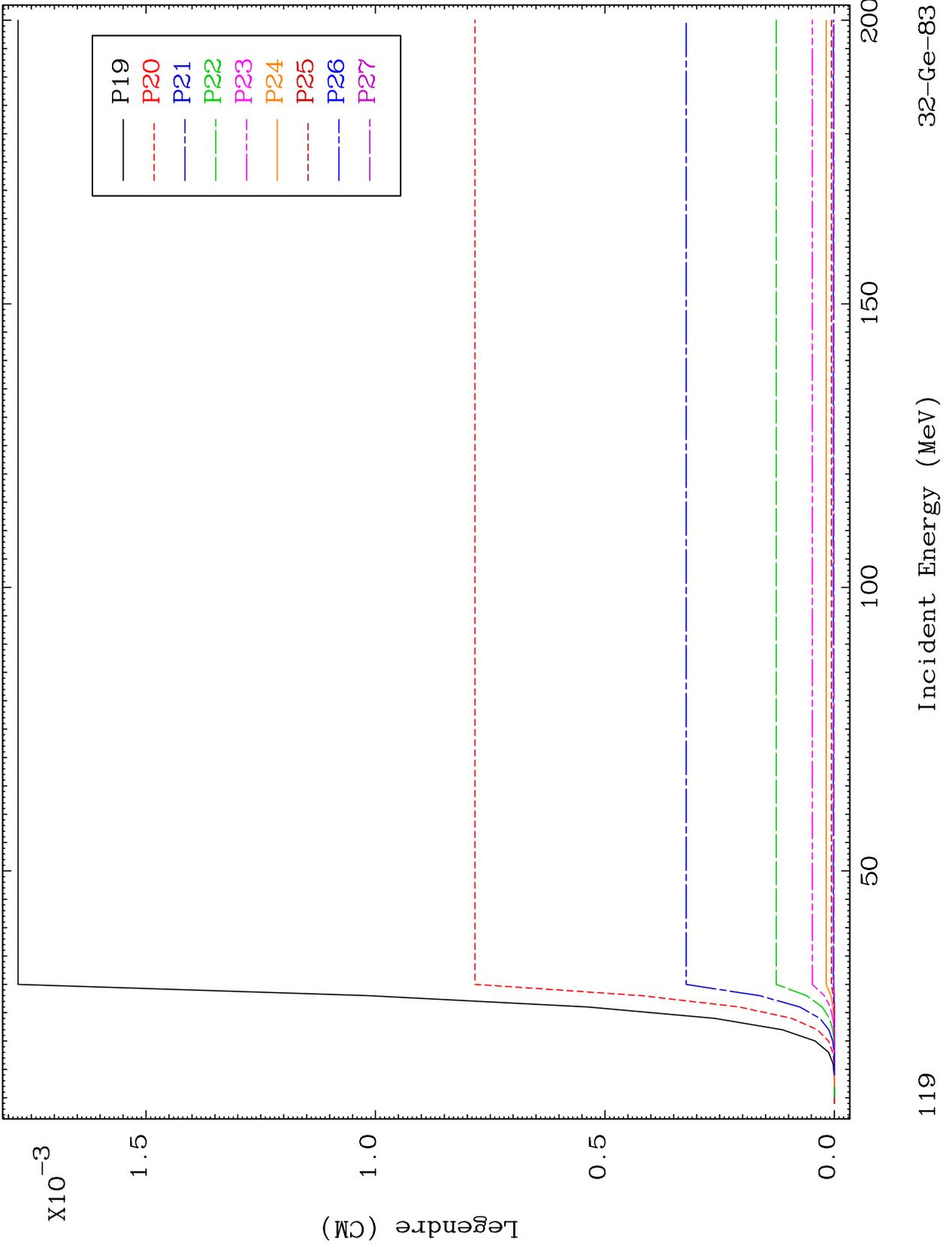
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

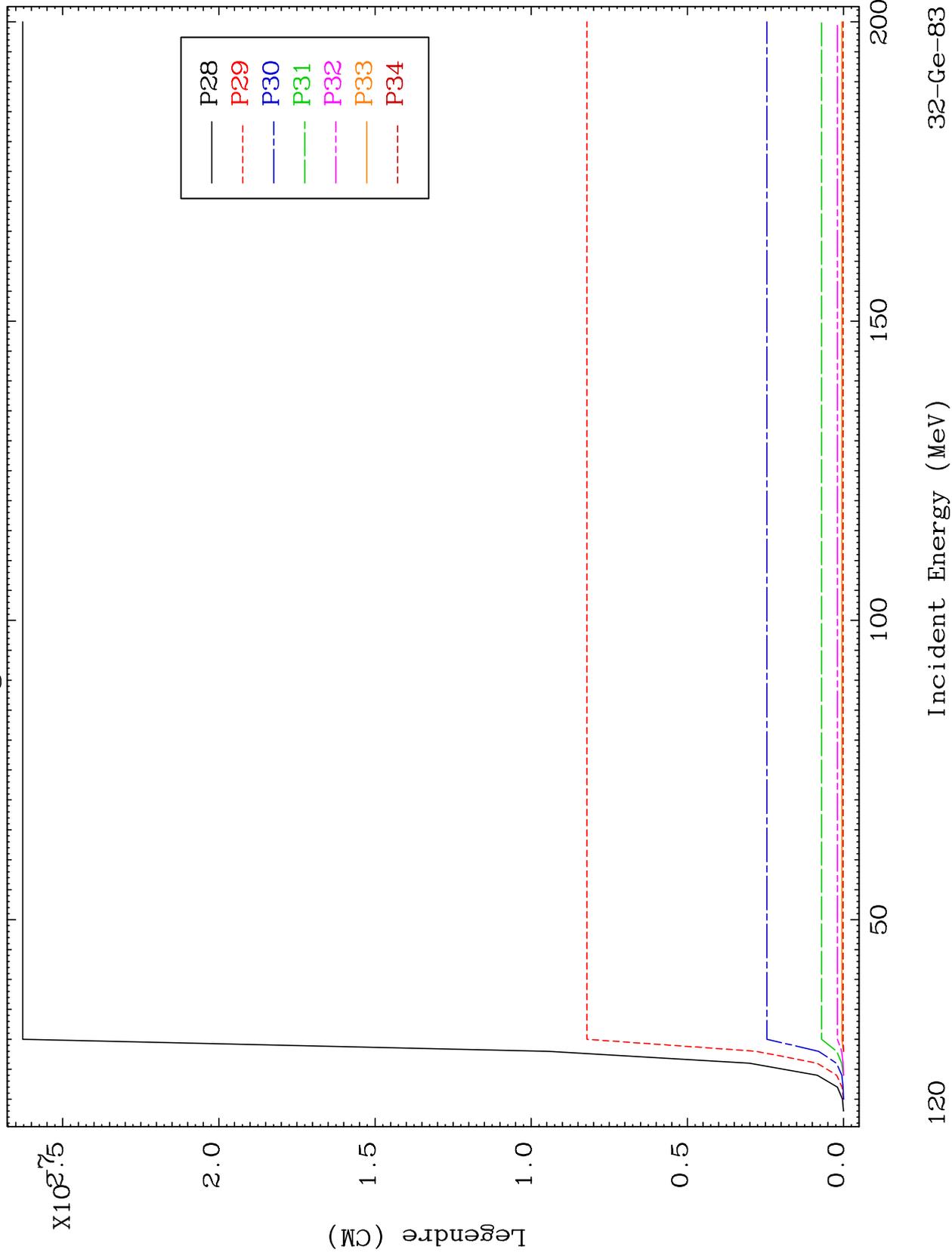
32-Ge-83



MAT 3264

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

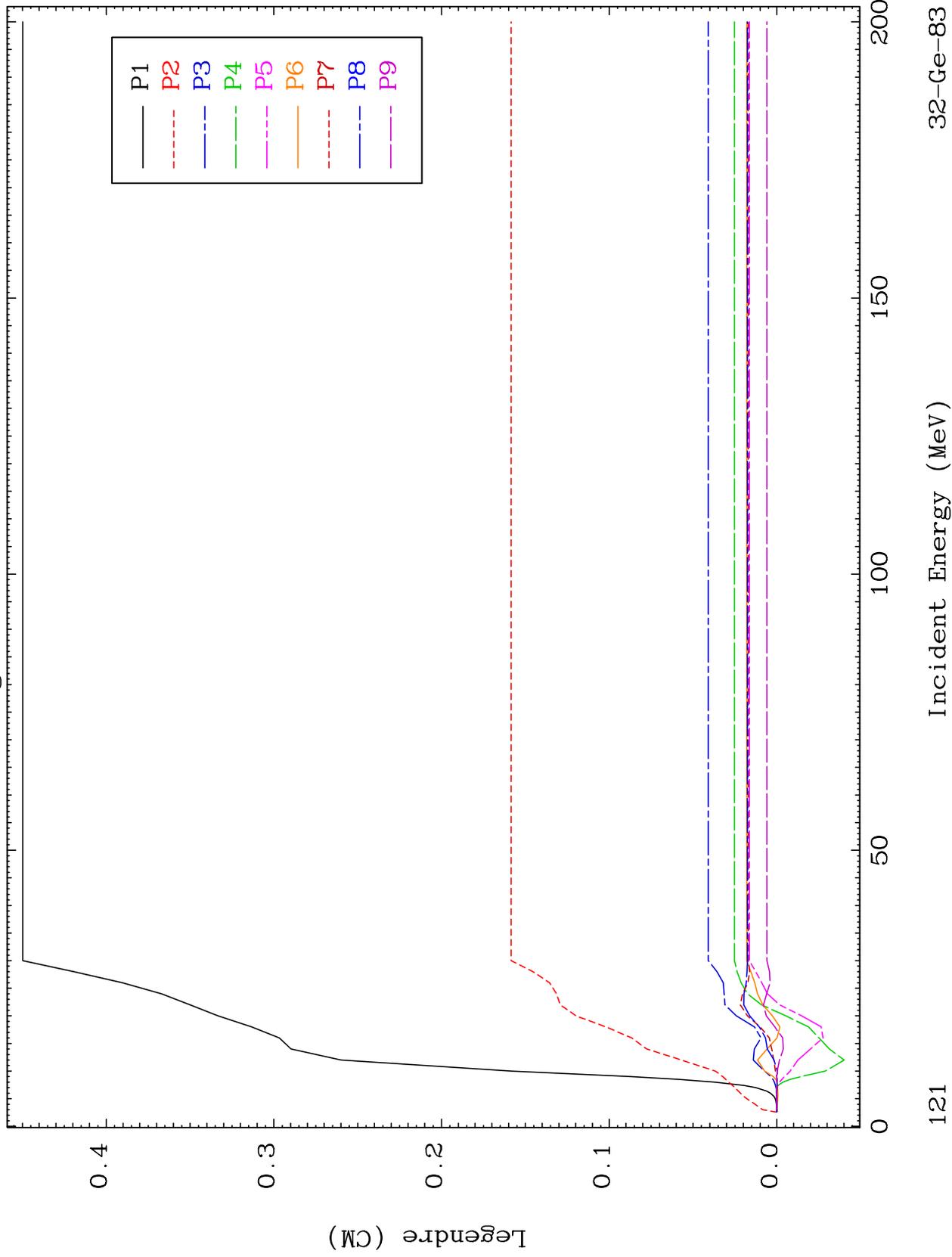
32-Ge-83



MAT 3264

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

32-Ge-83



121

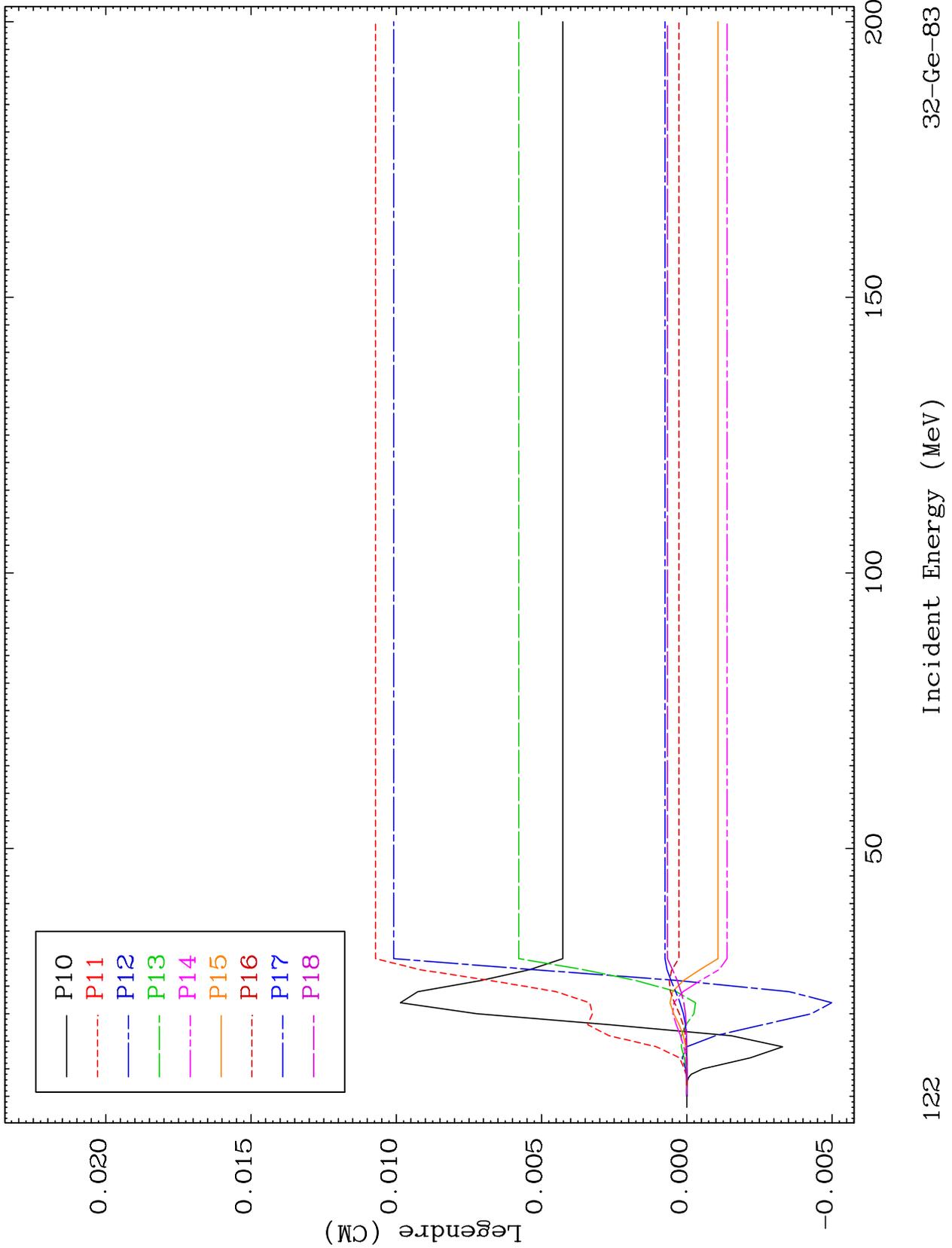
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



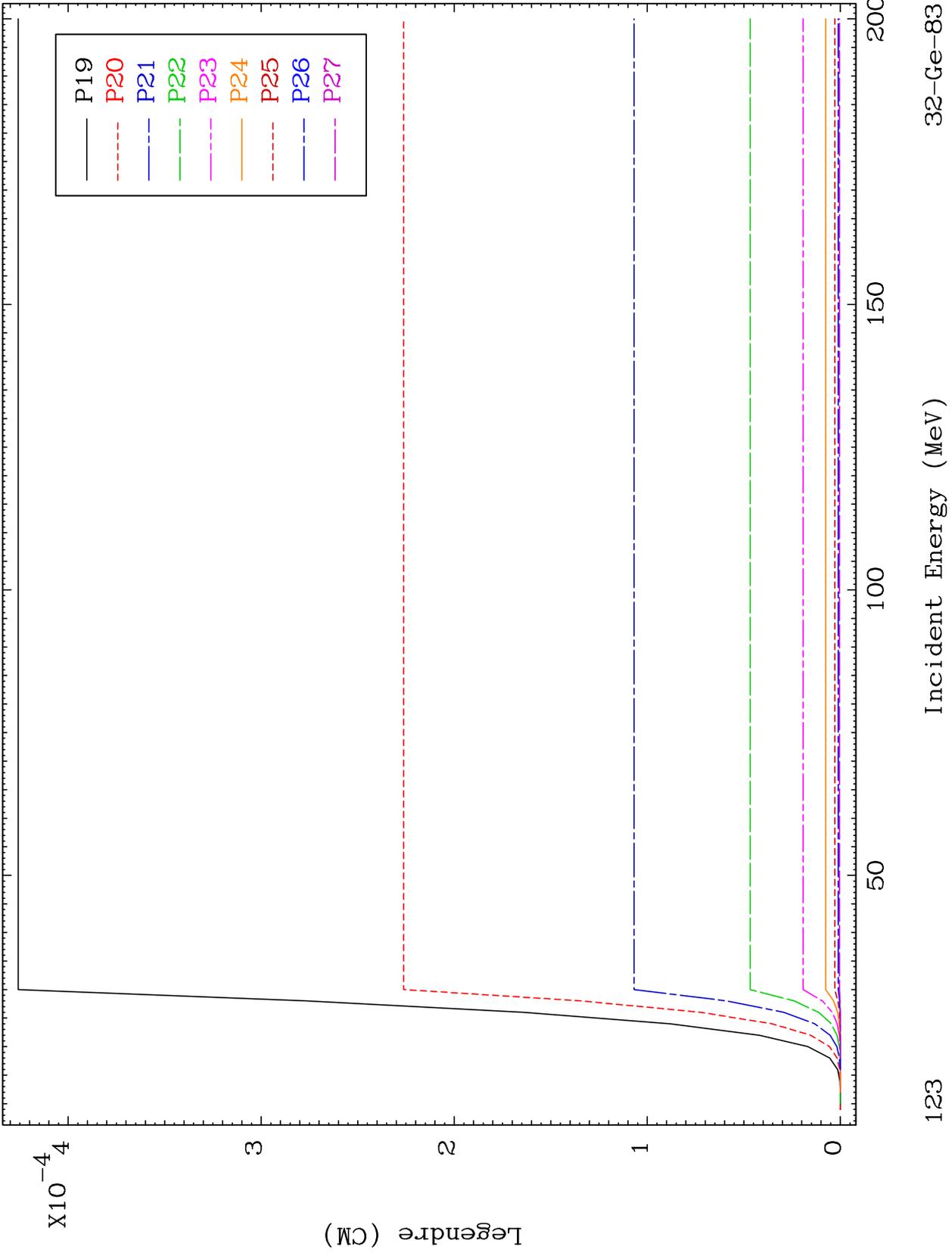
122

32-Ge-83

MAT 3264

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

32-Ge-83



123

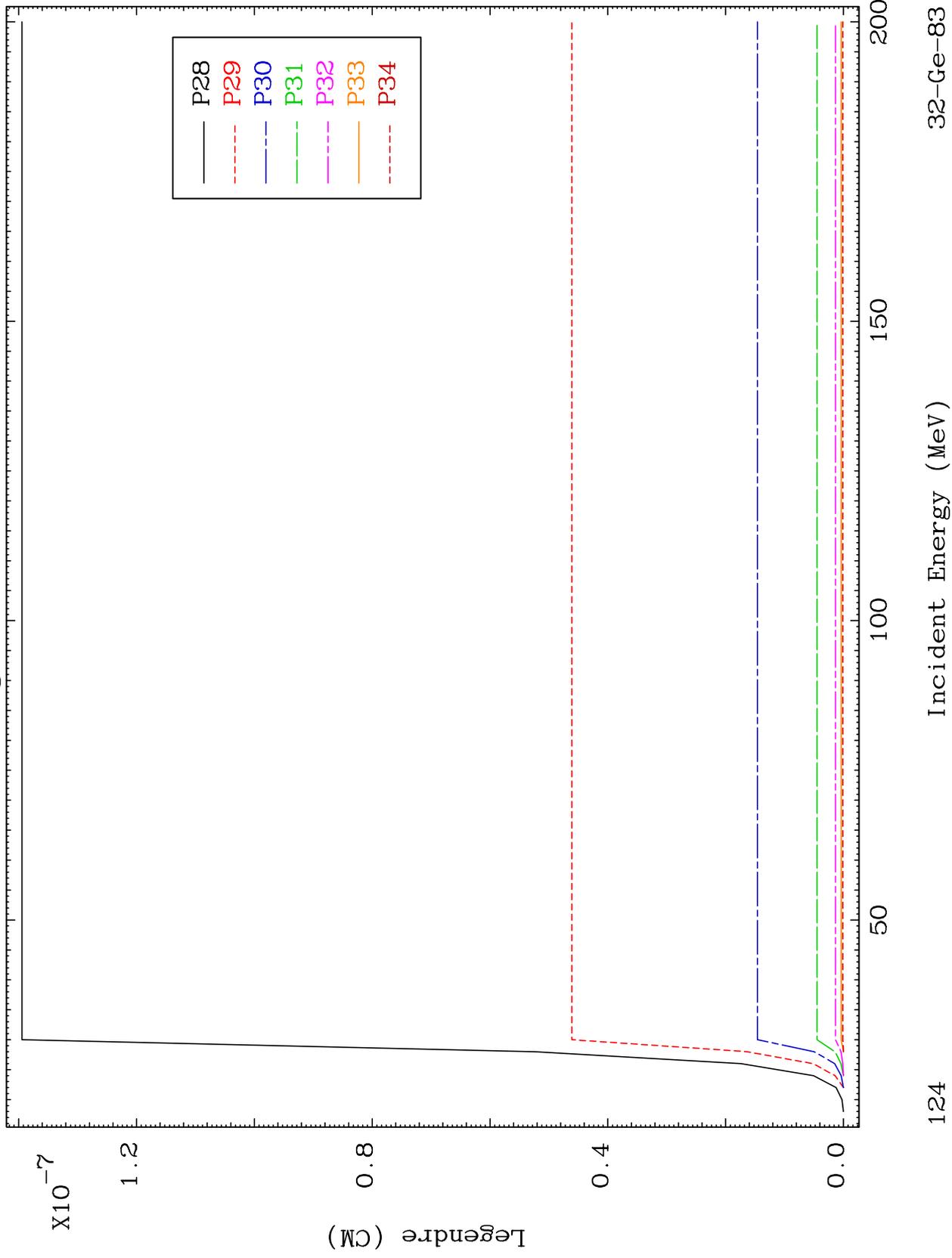
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



124

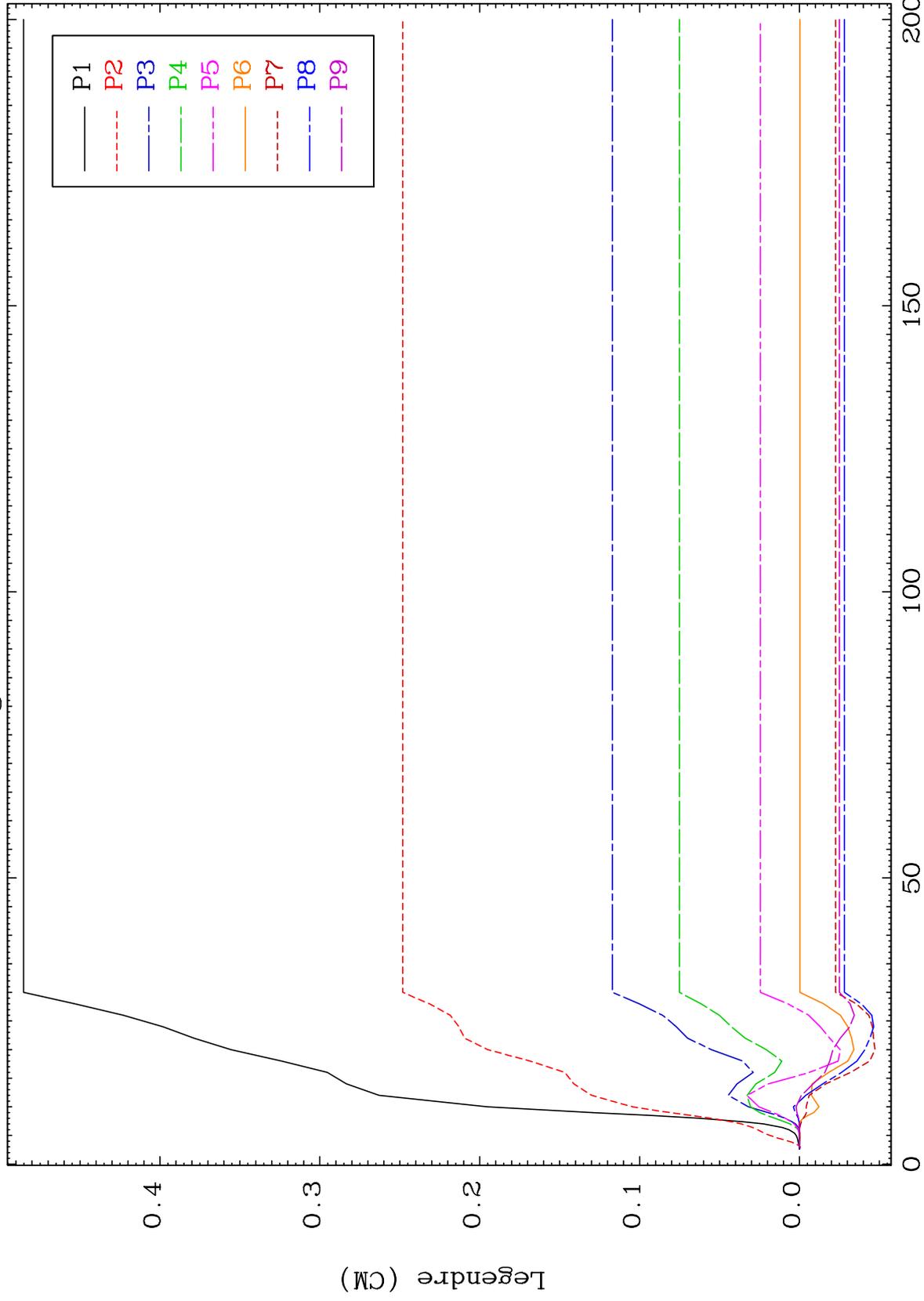
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



125

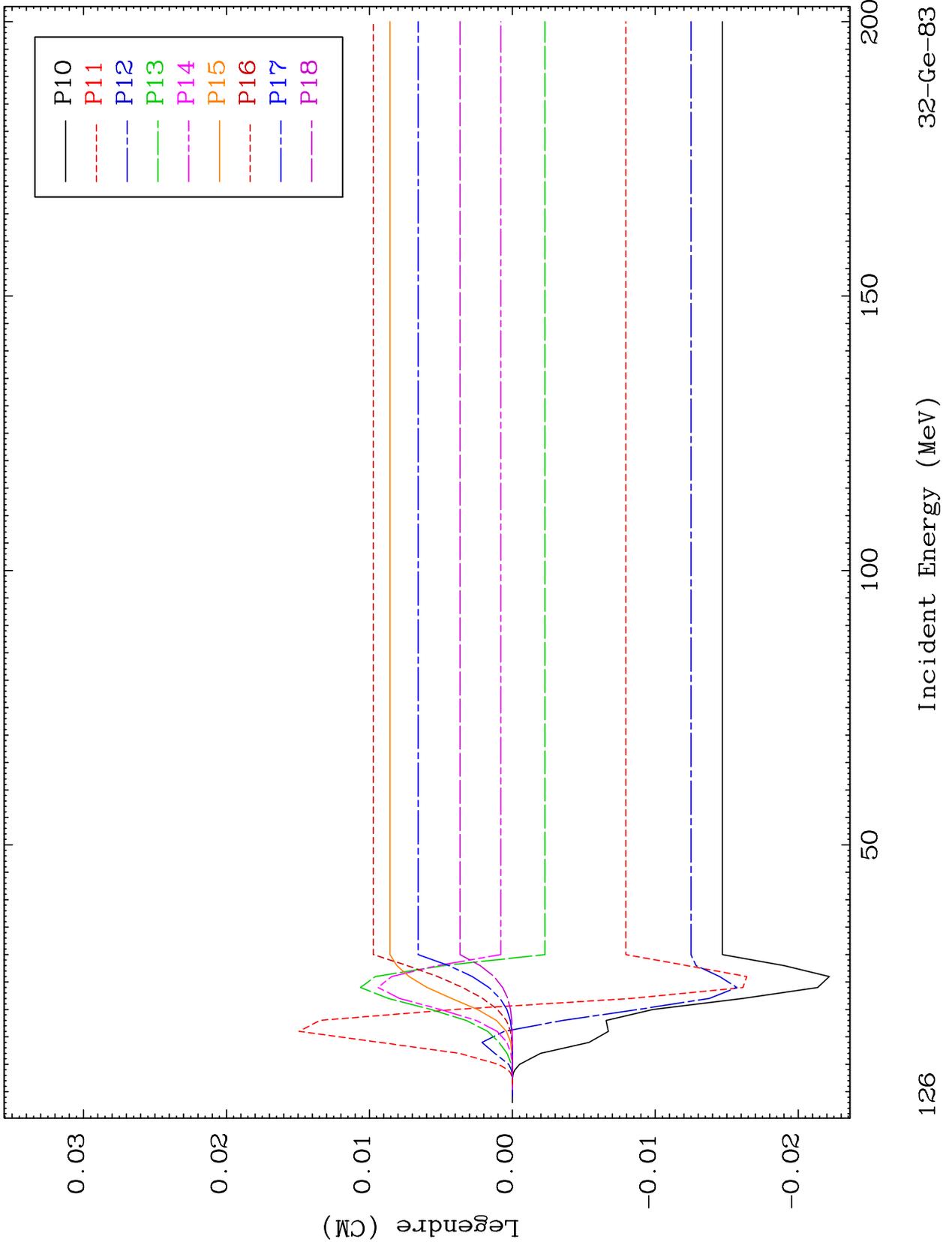
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



126

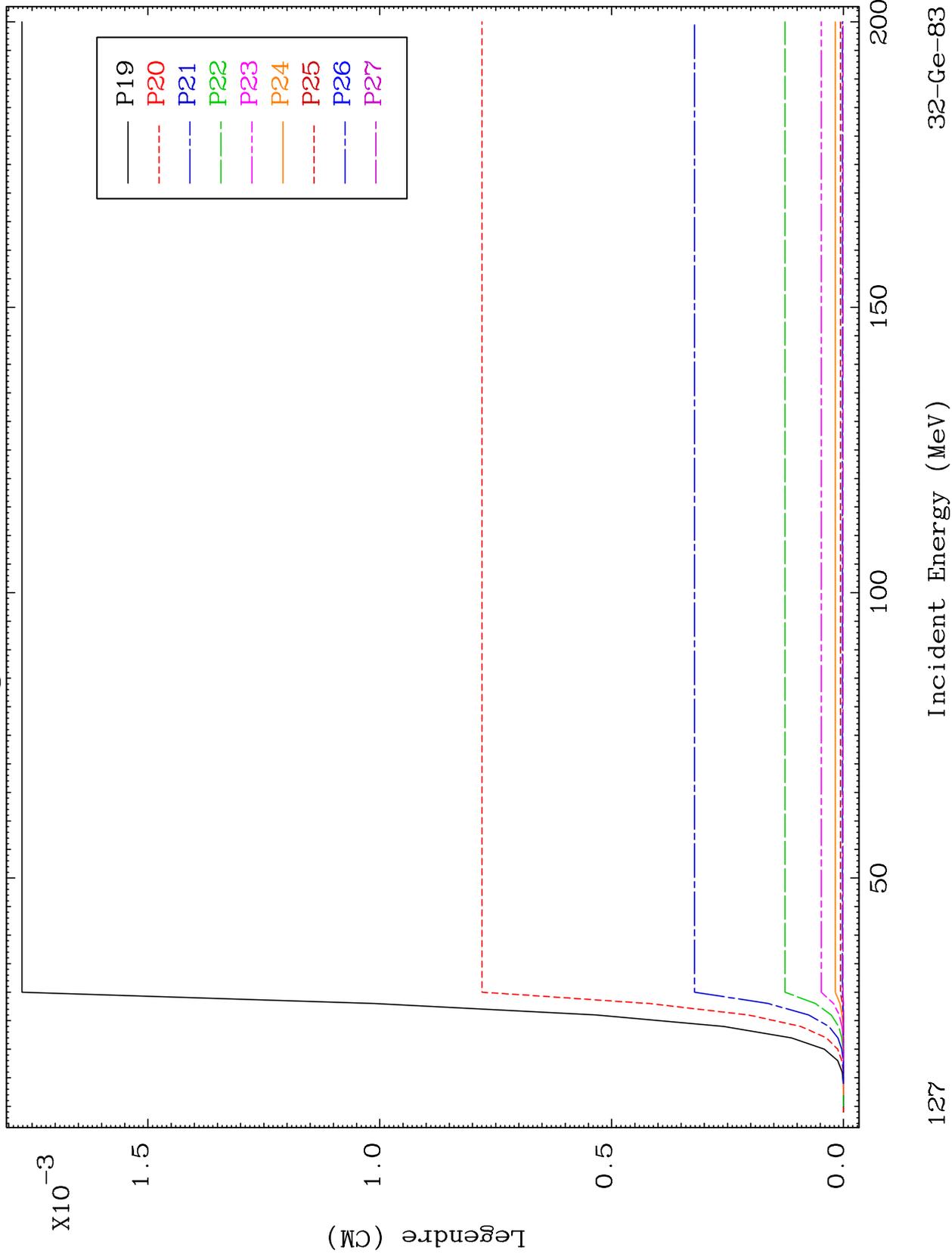
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



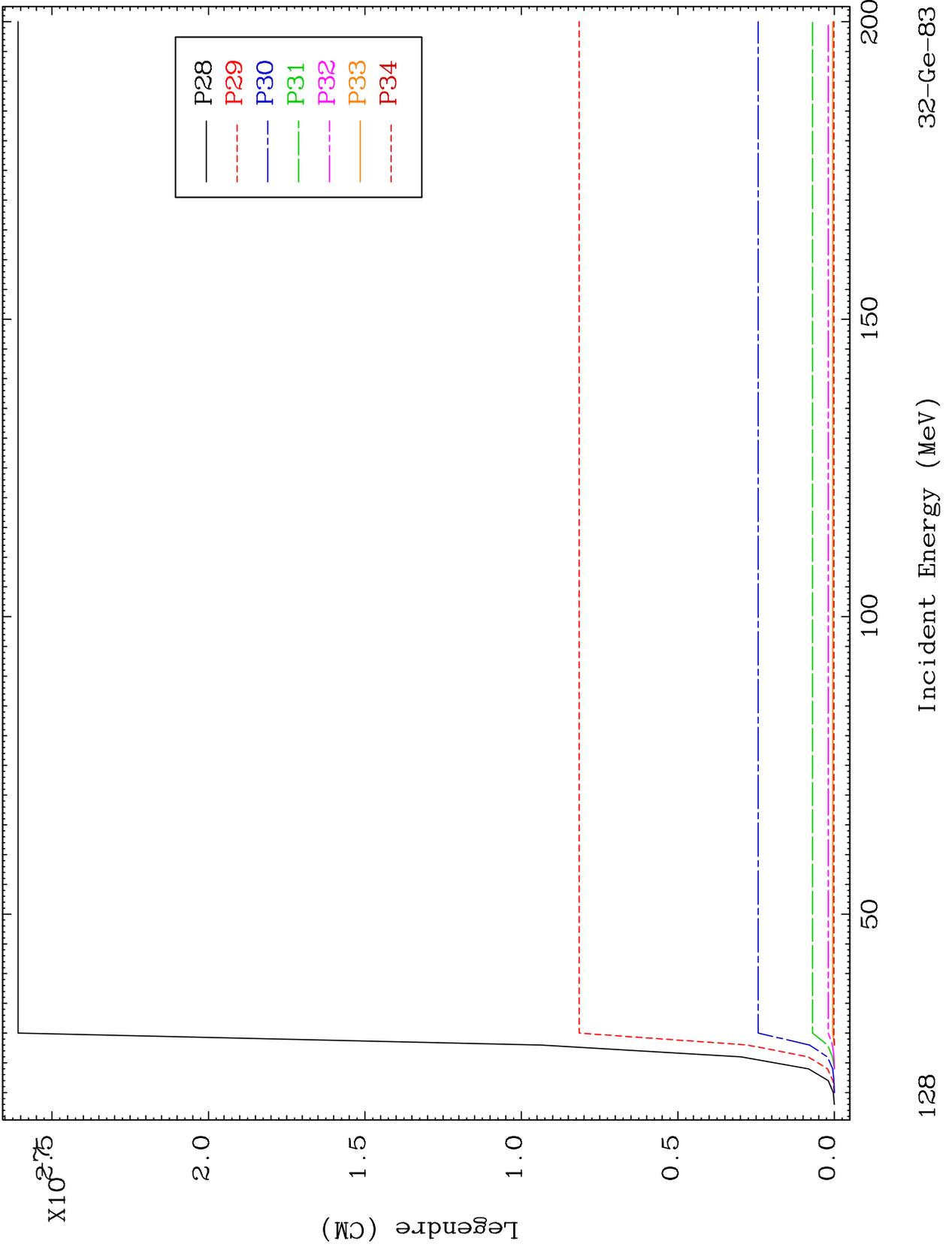
127

32-Ge-83

MAT 3264

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

32-Ge-83



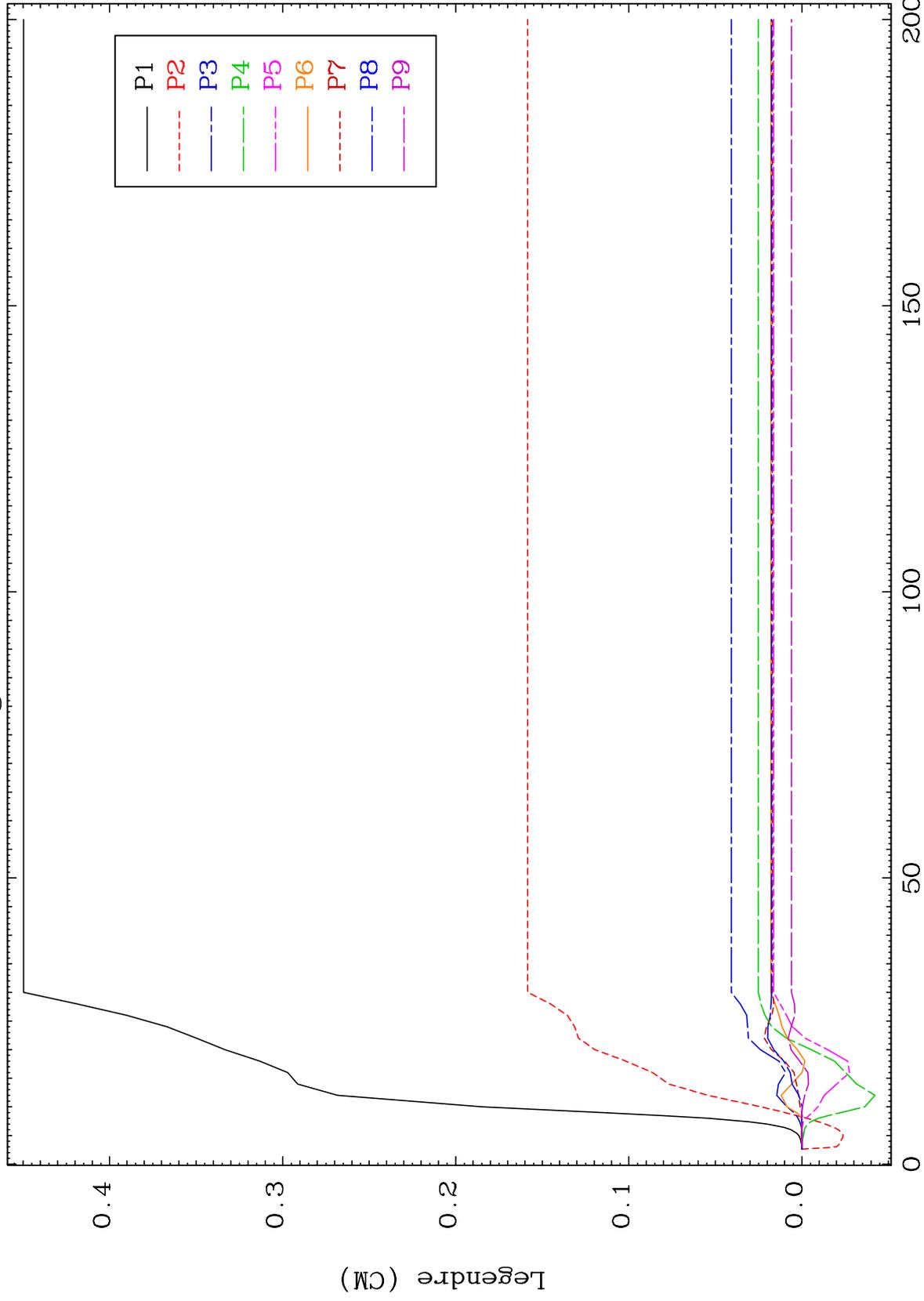
128

32-Ge-83

MAT 3264

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

32-Ge-83



129

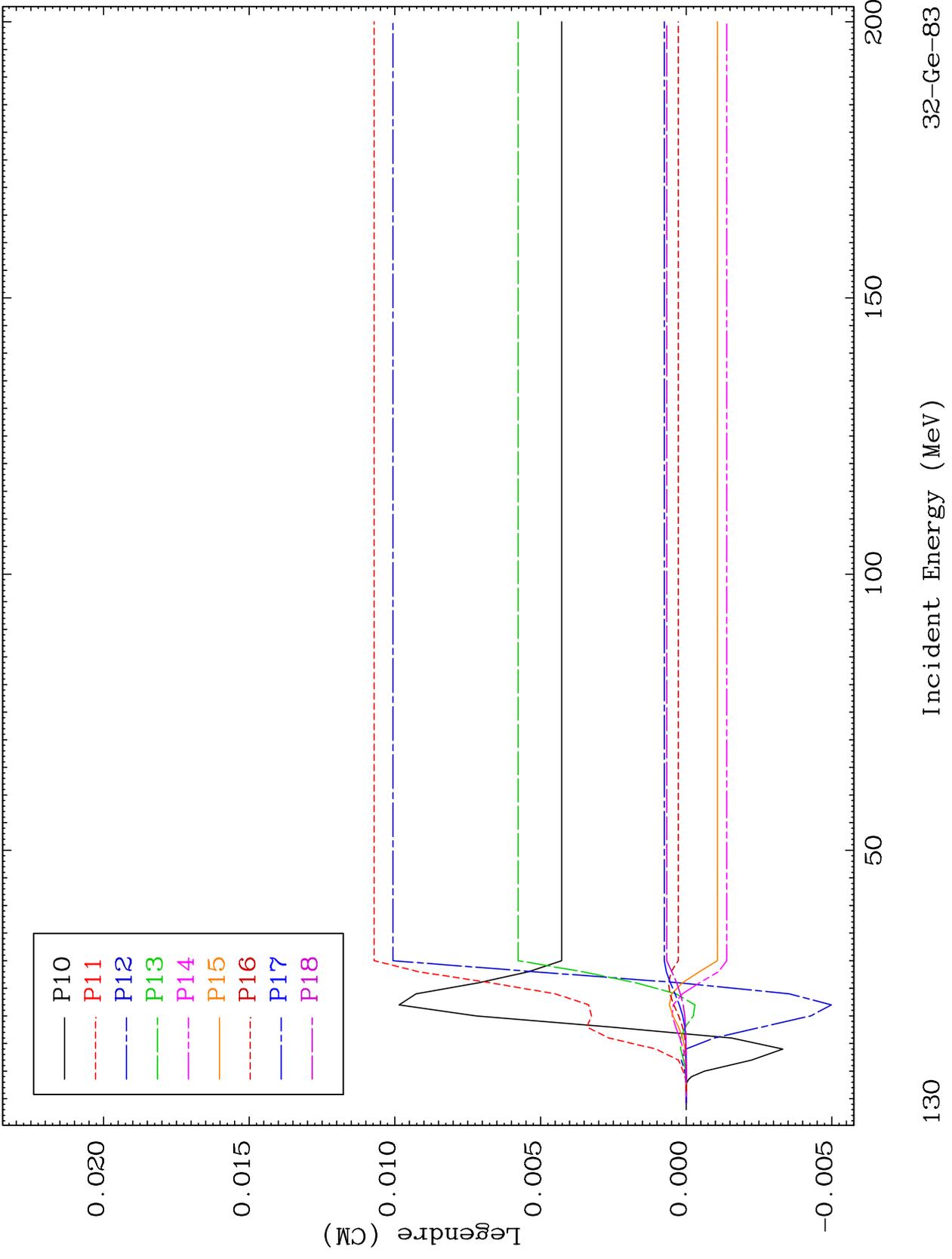
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



32-Ge-83

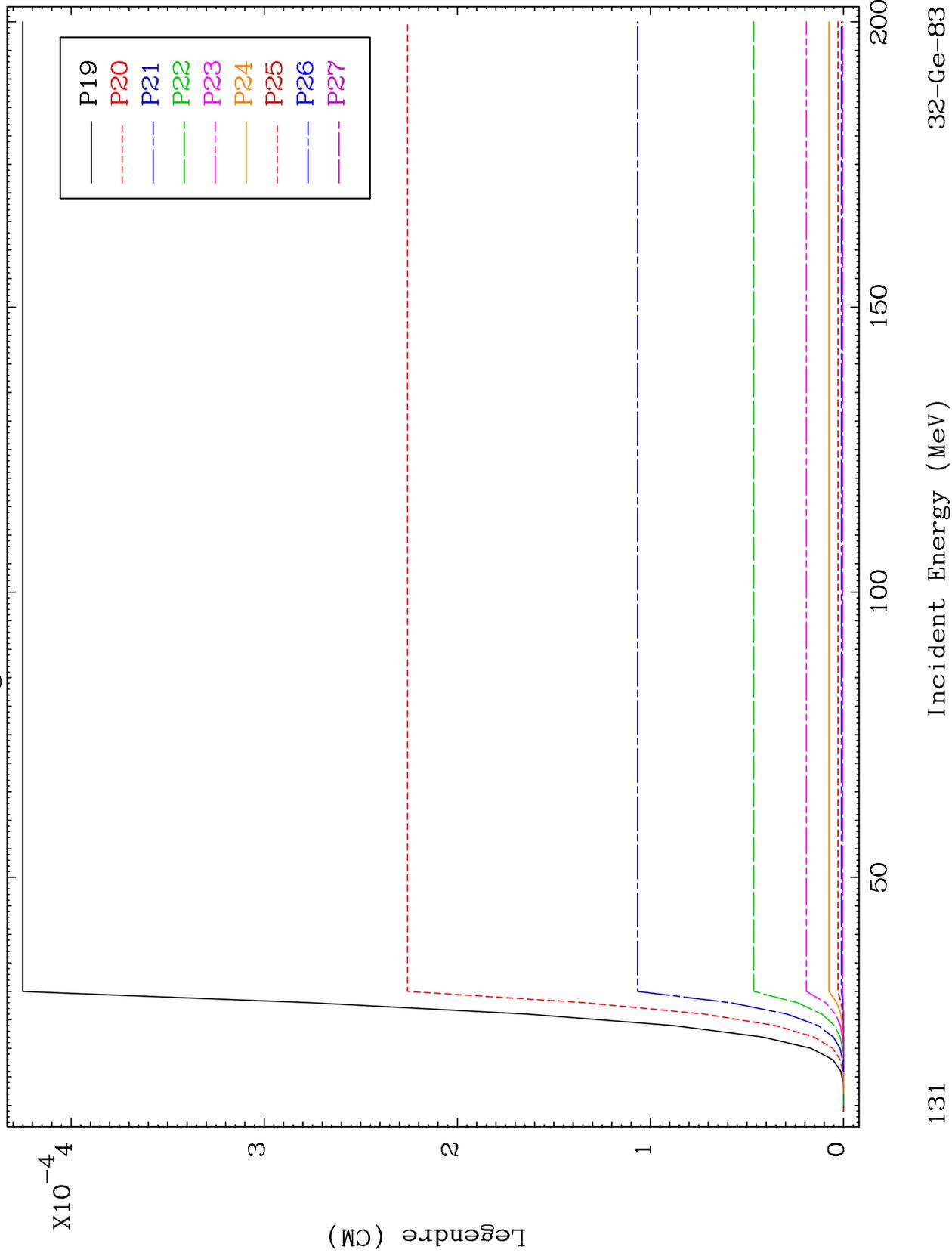
Incident Energy (MeV)

130

MAT 3264

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

32-Ge-83



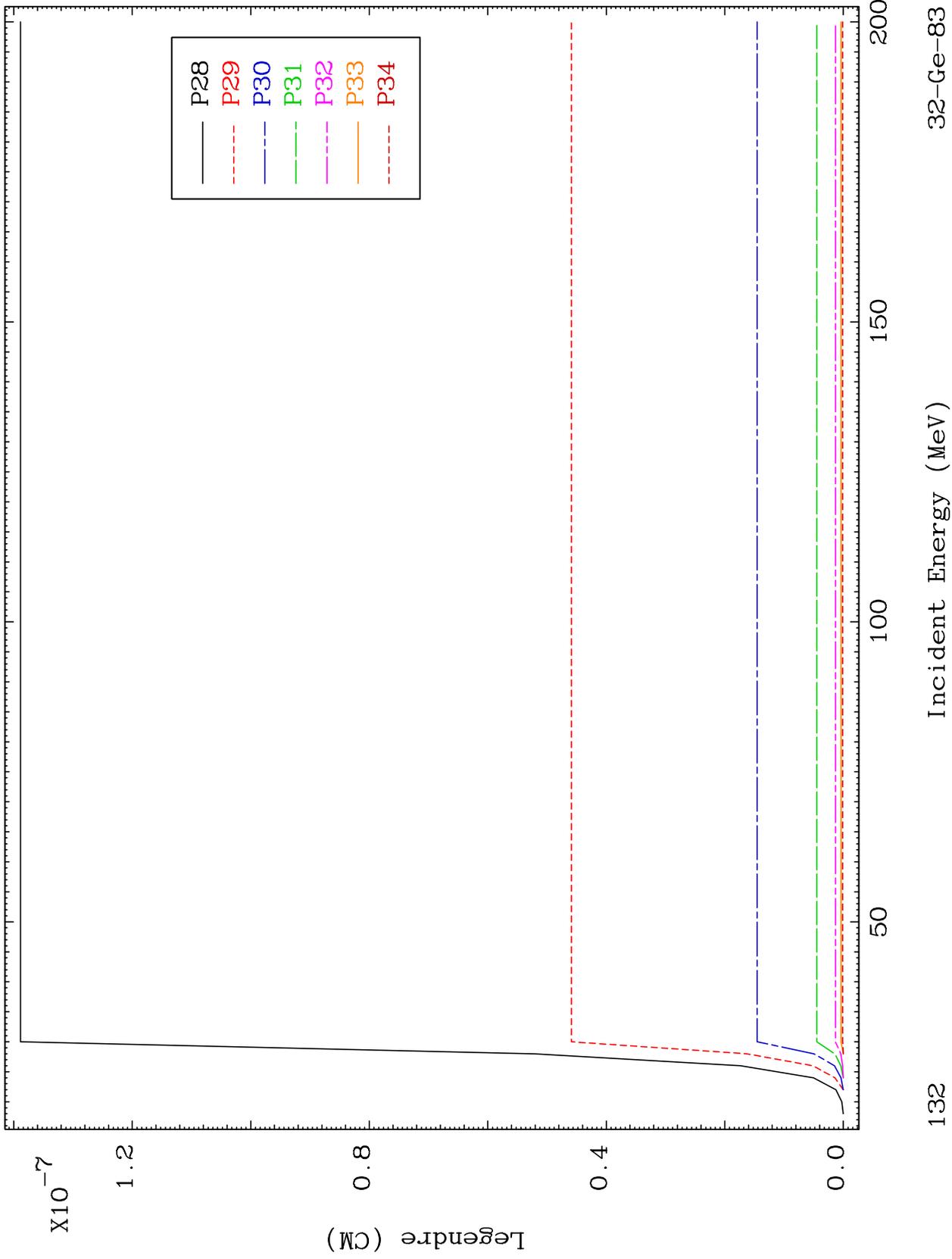
131

32-Ge-83

MAT 3264

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

32-Ge-83

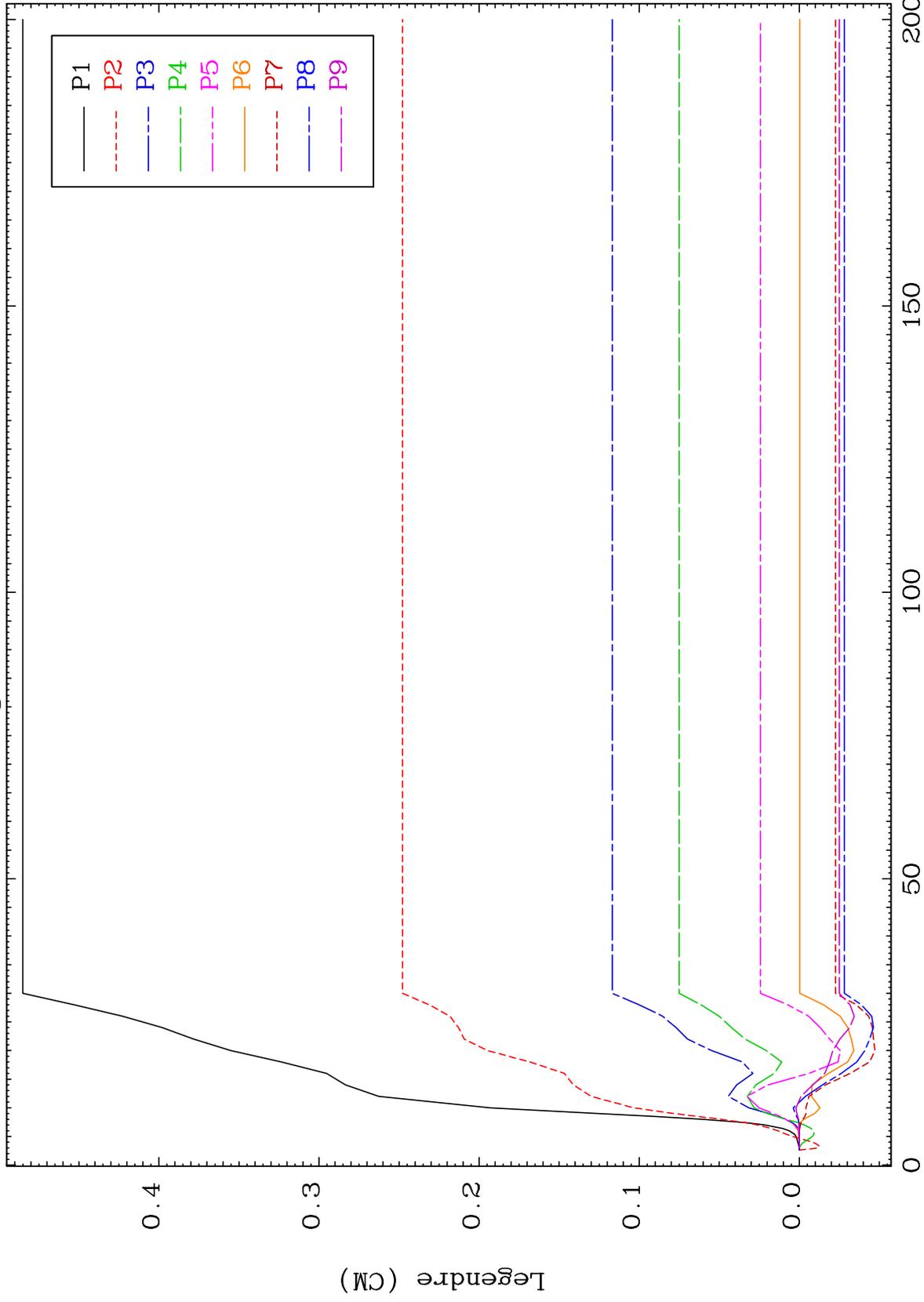


132

MAT 3264

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

32-Ge-83



133

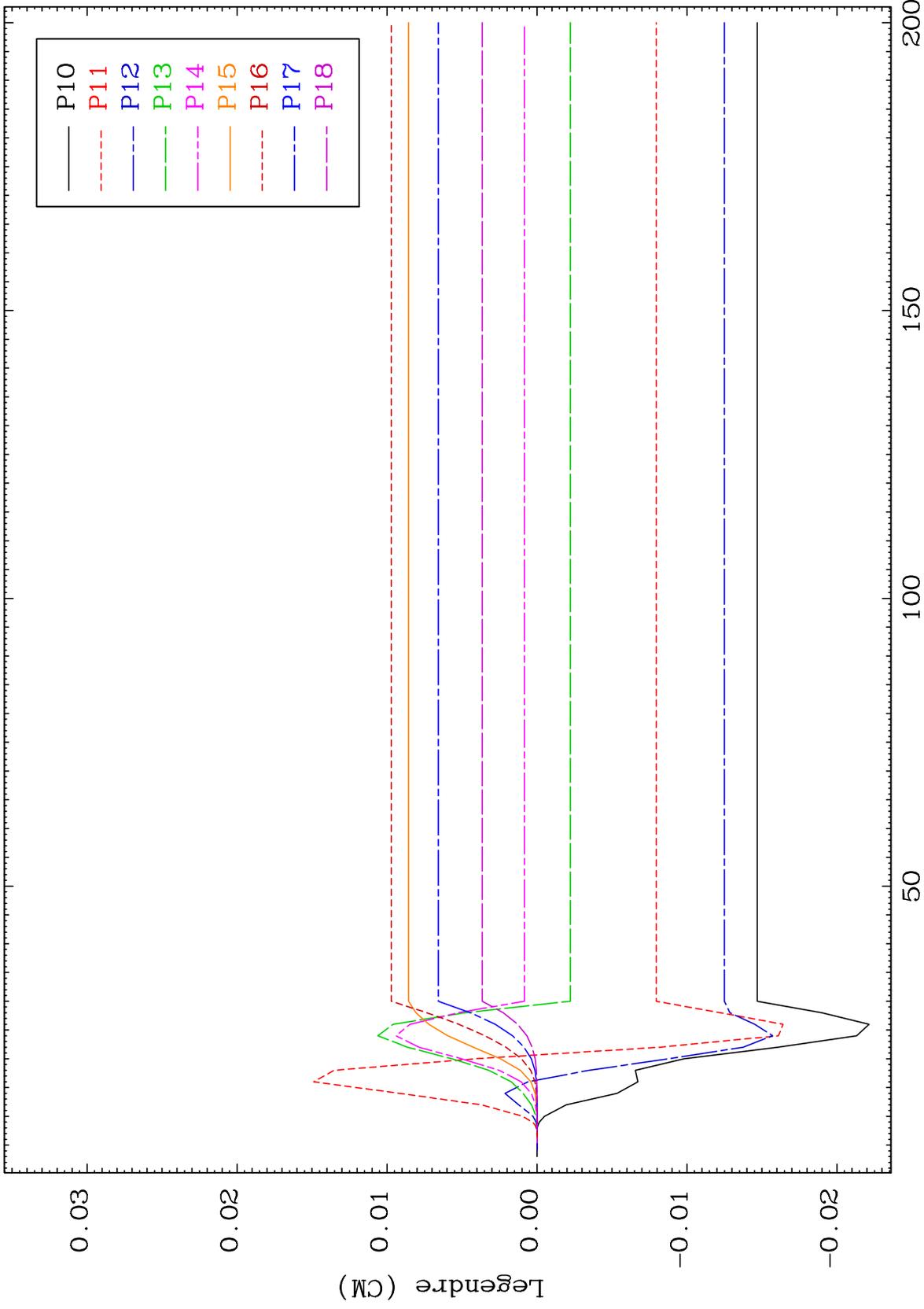
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



134

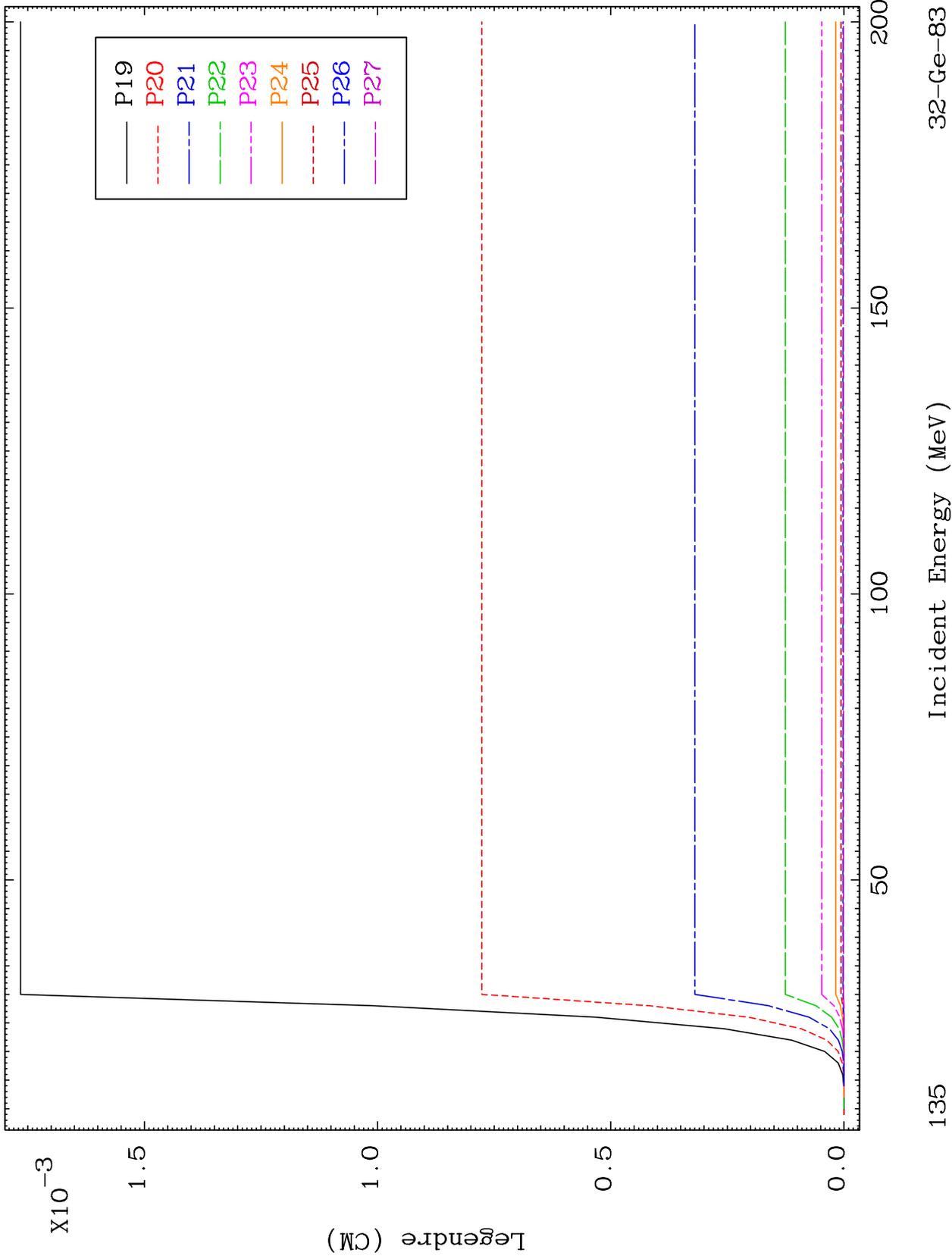
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



135

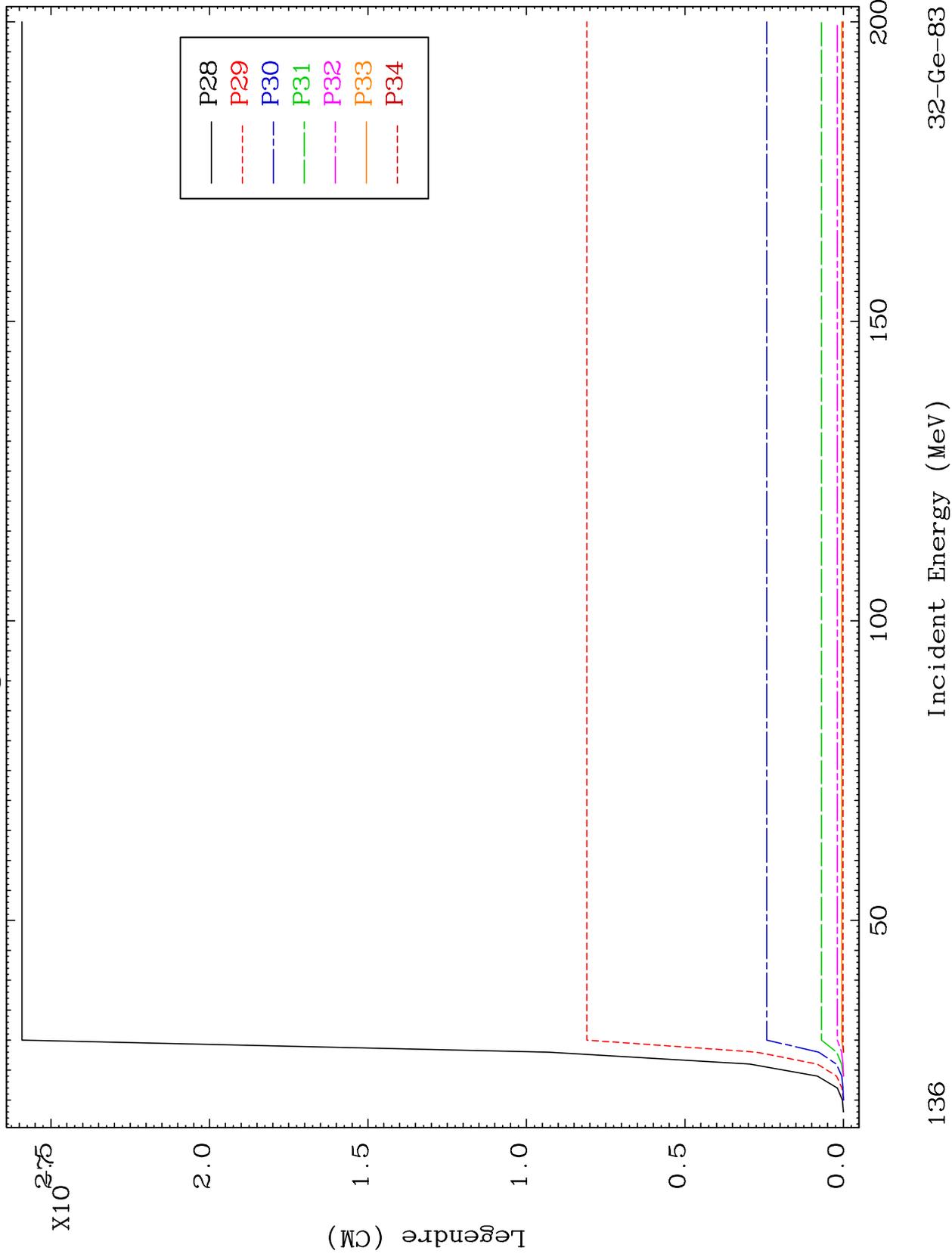
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

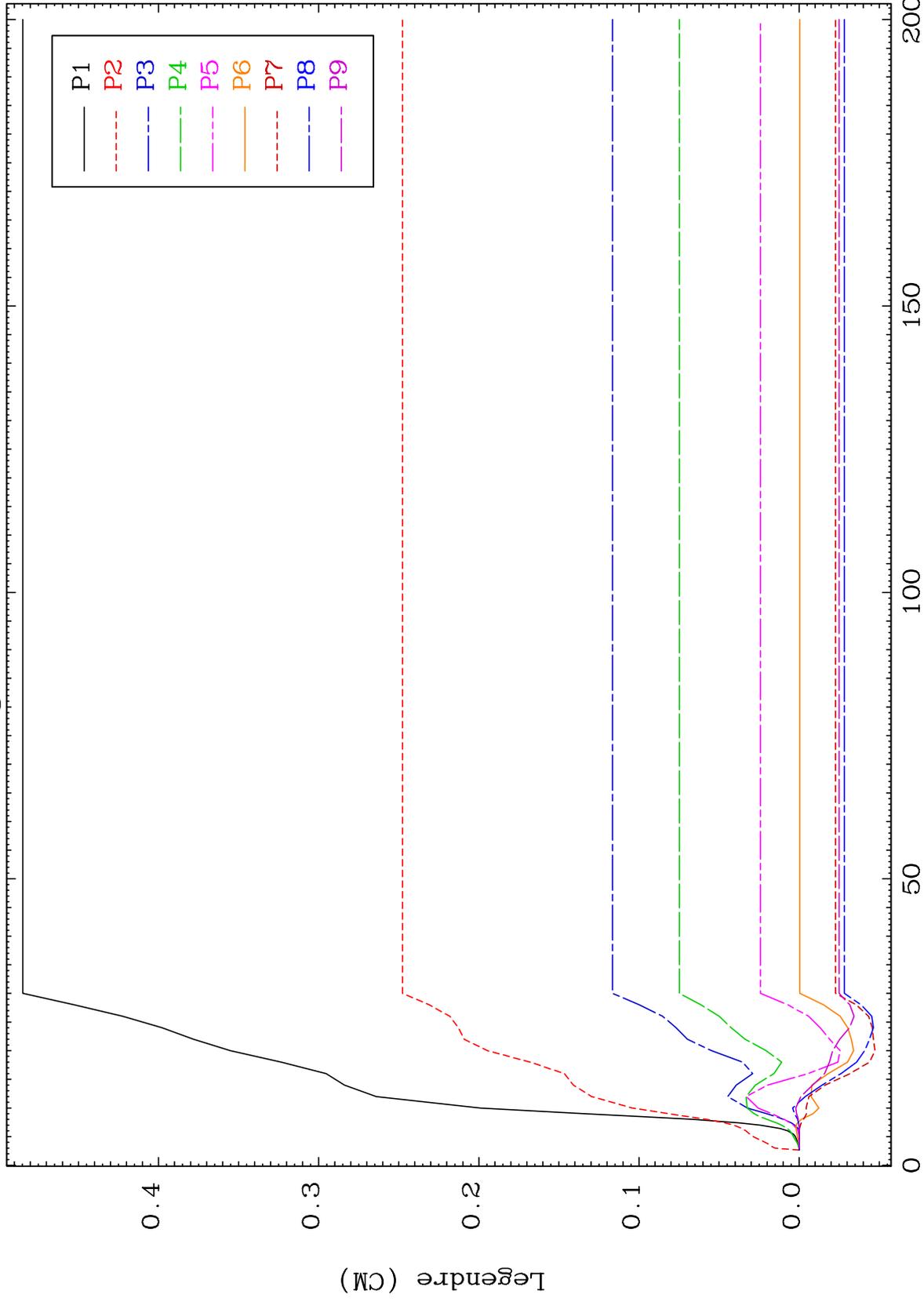
32-Ge-83



MAT 3264

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

32-Ge-83



137

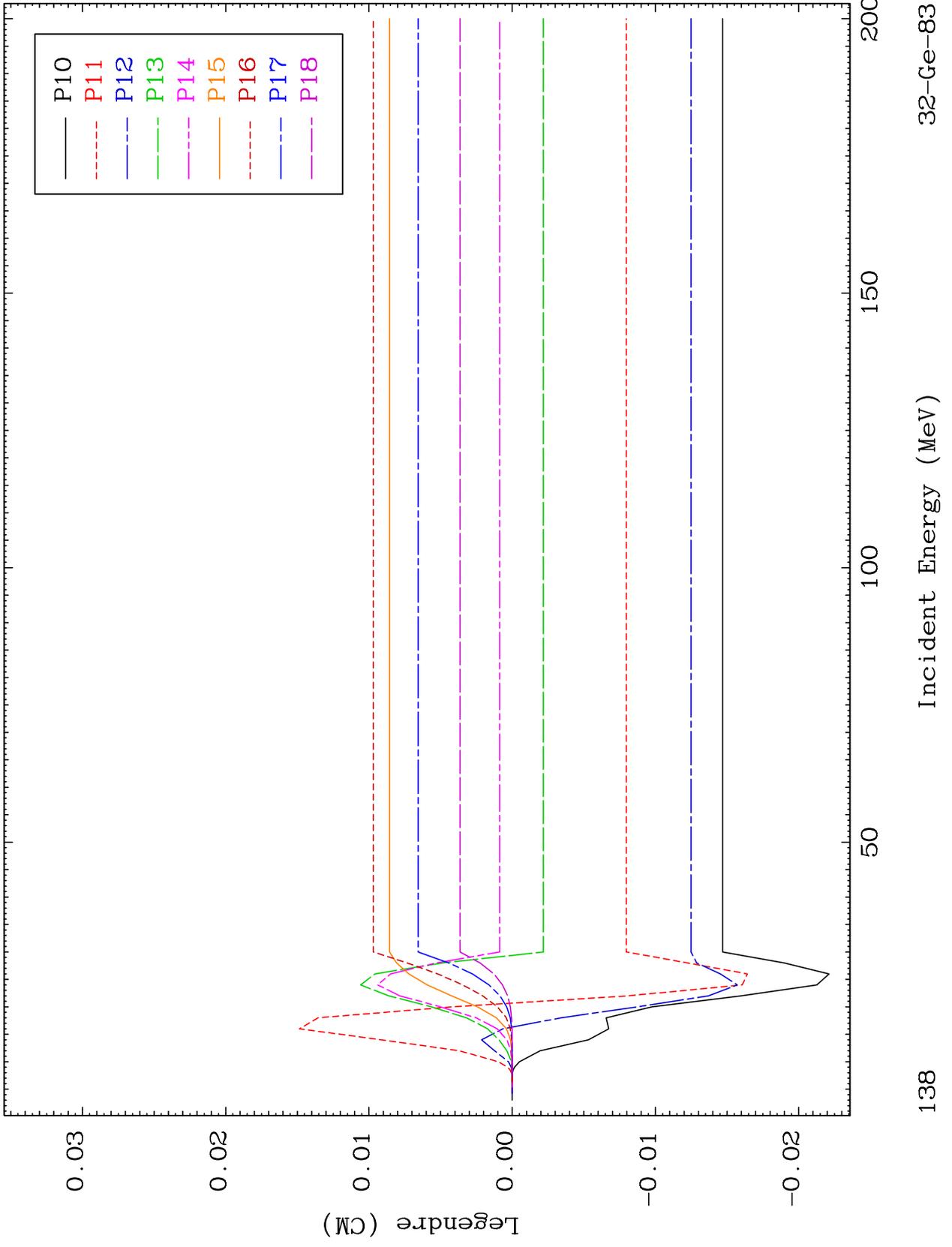
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



138

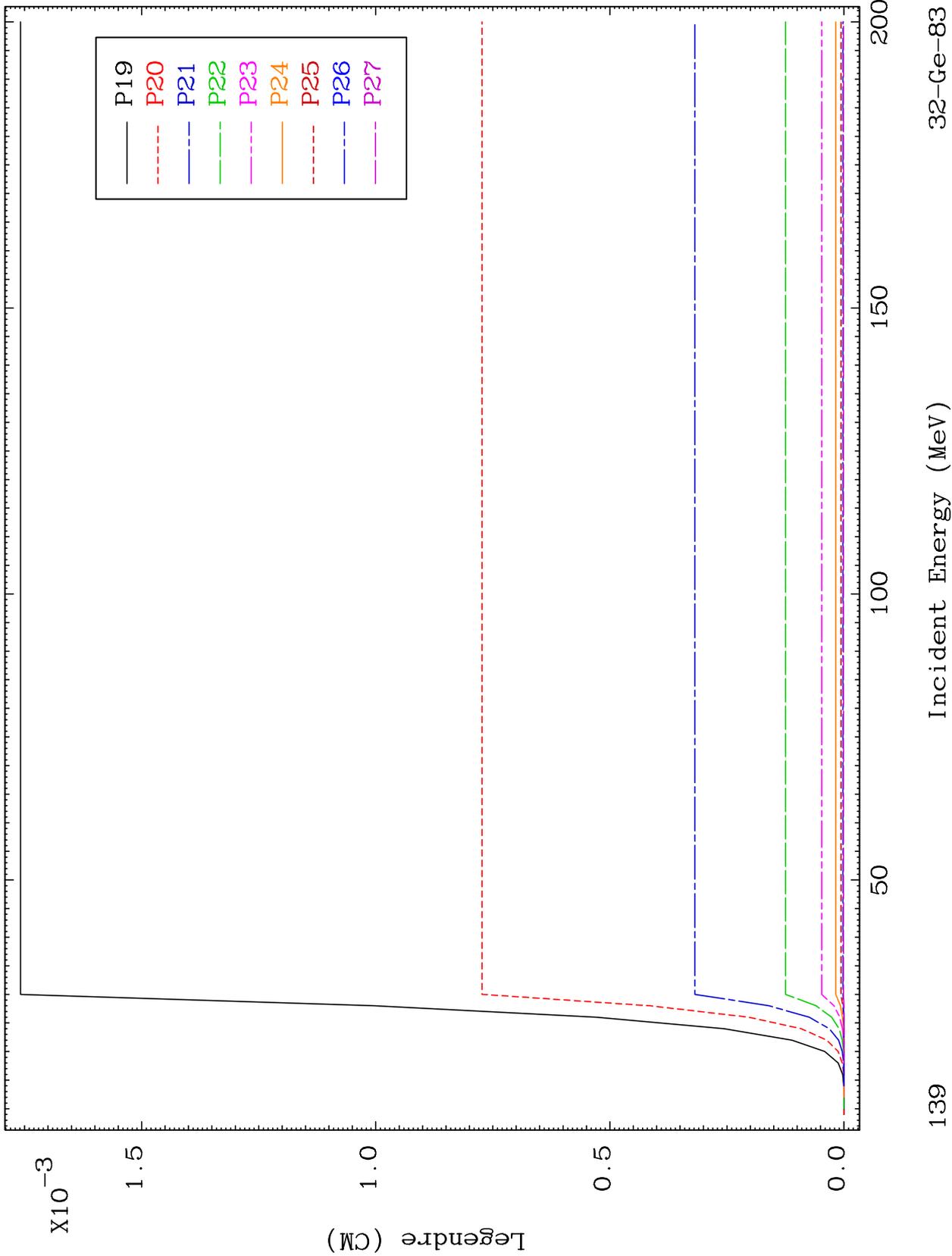
Incident Energy (MeV)

32-Ge-83

MAT 3264

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

32-Ge-83



139

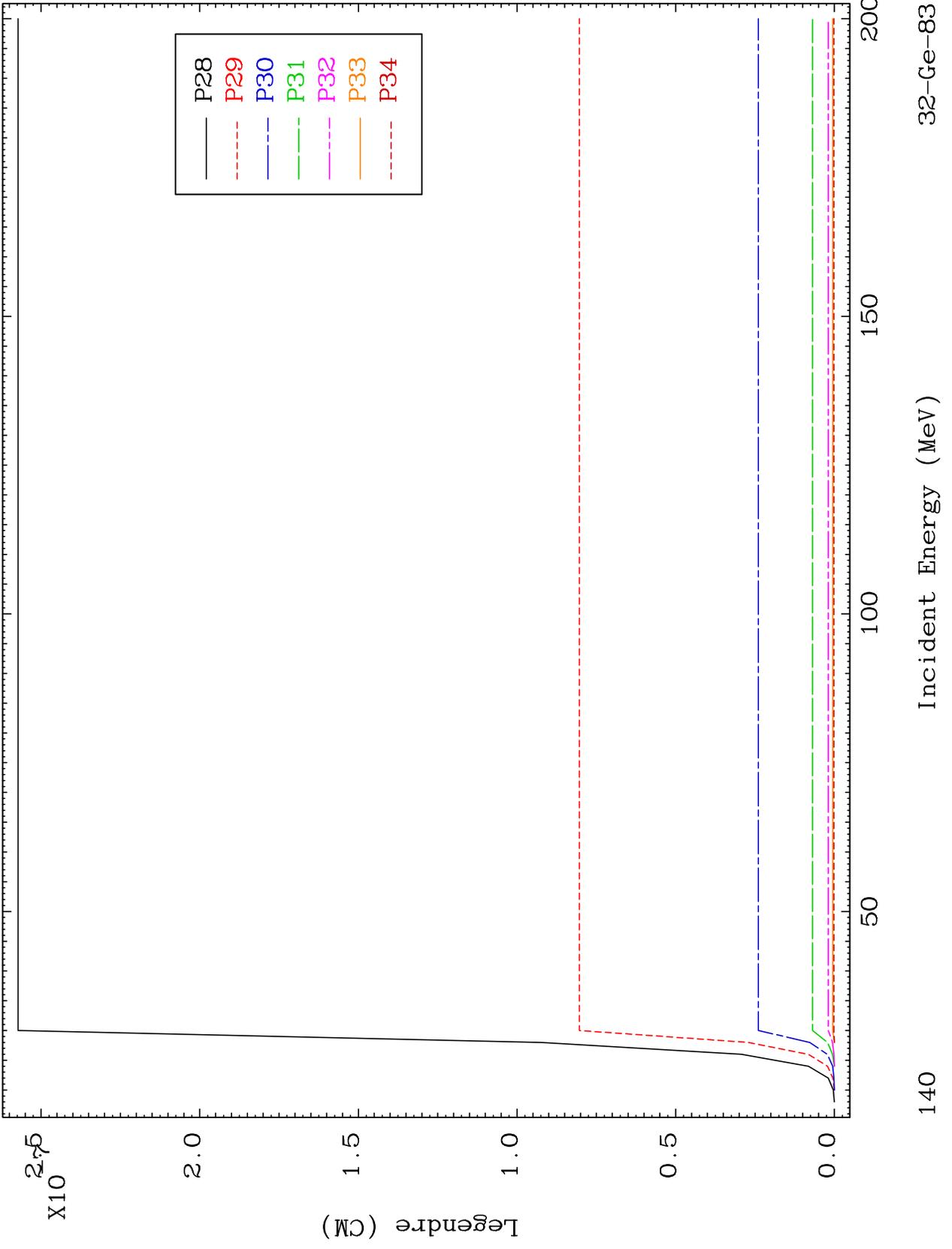
Incident Energy (MeV)

32-Ge-83

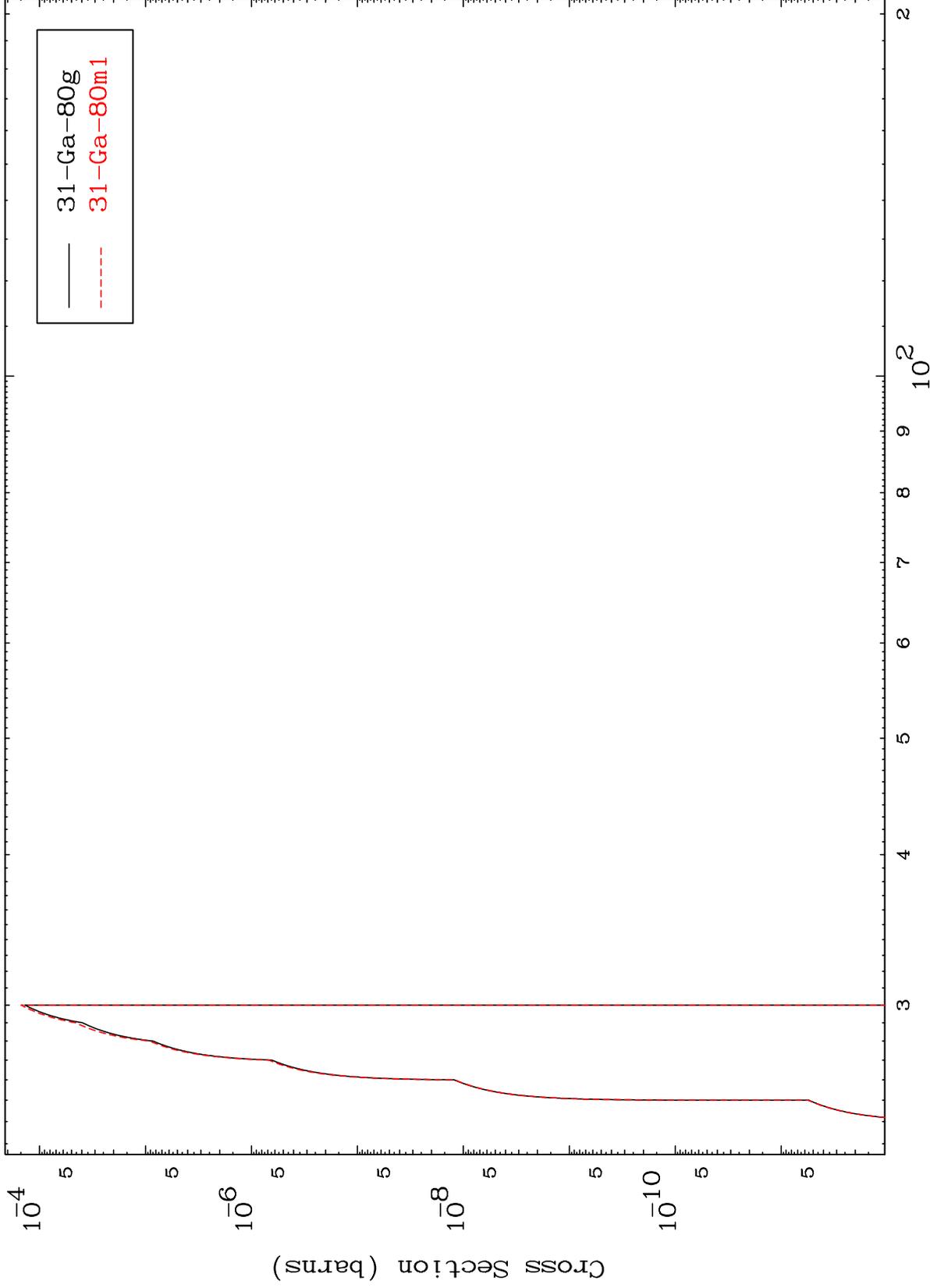
MAT 3264

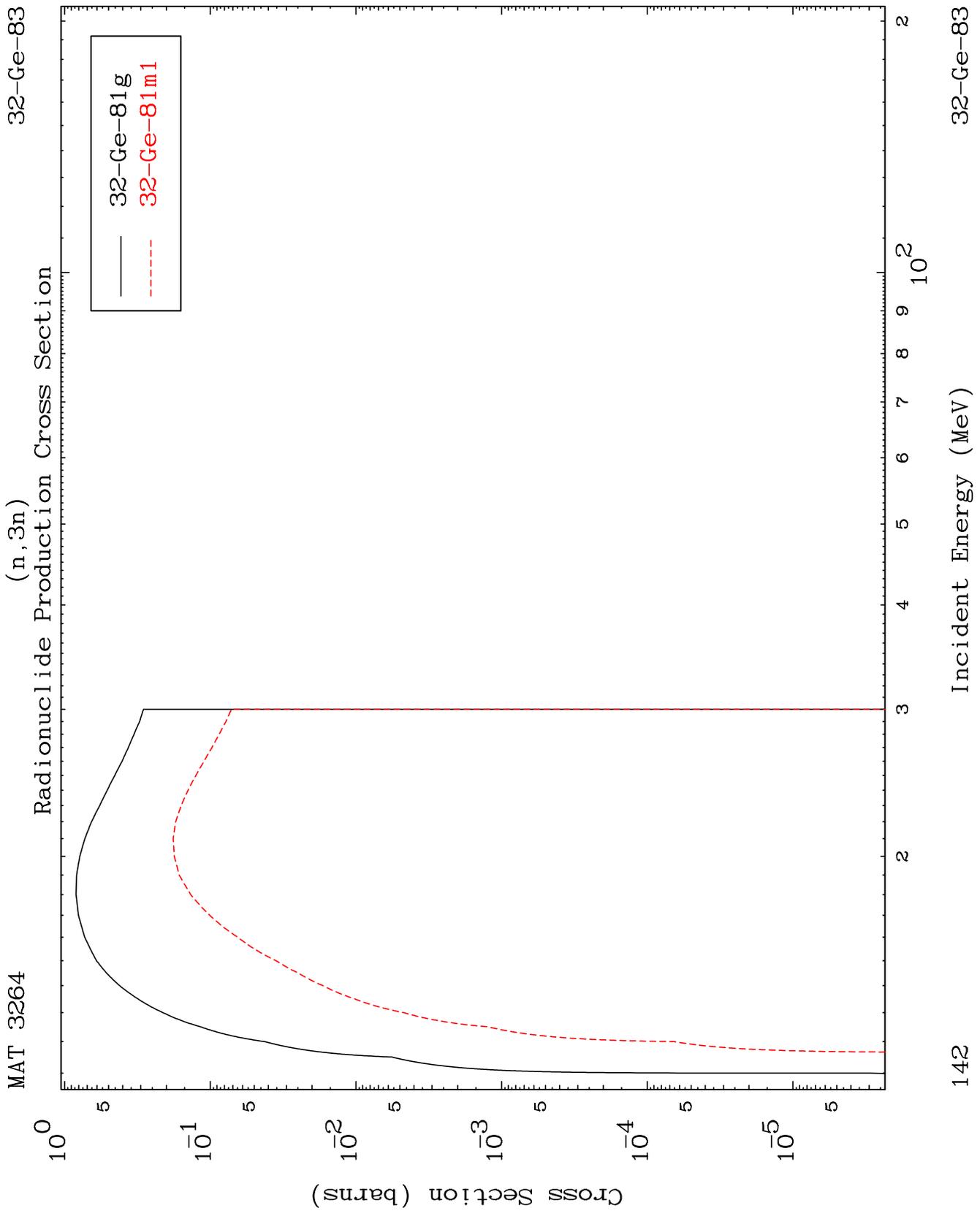
MT= 80 (n,n') Level
Legendre Coefficients

32-Ge-83



Radionuclide Production Cross Section



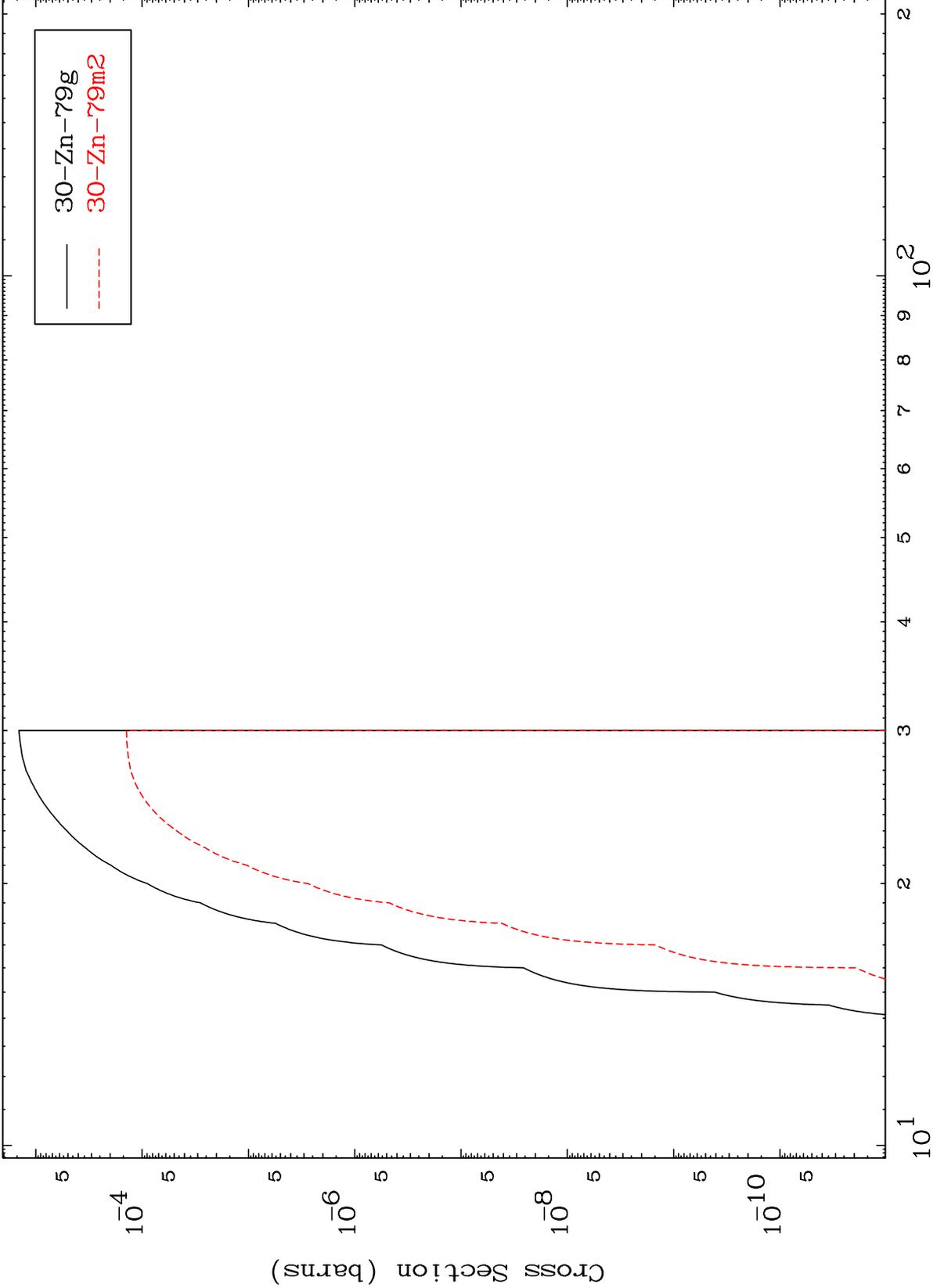


MAT 3264

(n, n') α

32-Ge-83

Radionuclide Production Cross Section



143

Incident Energy (MeV)

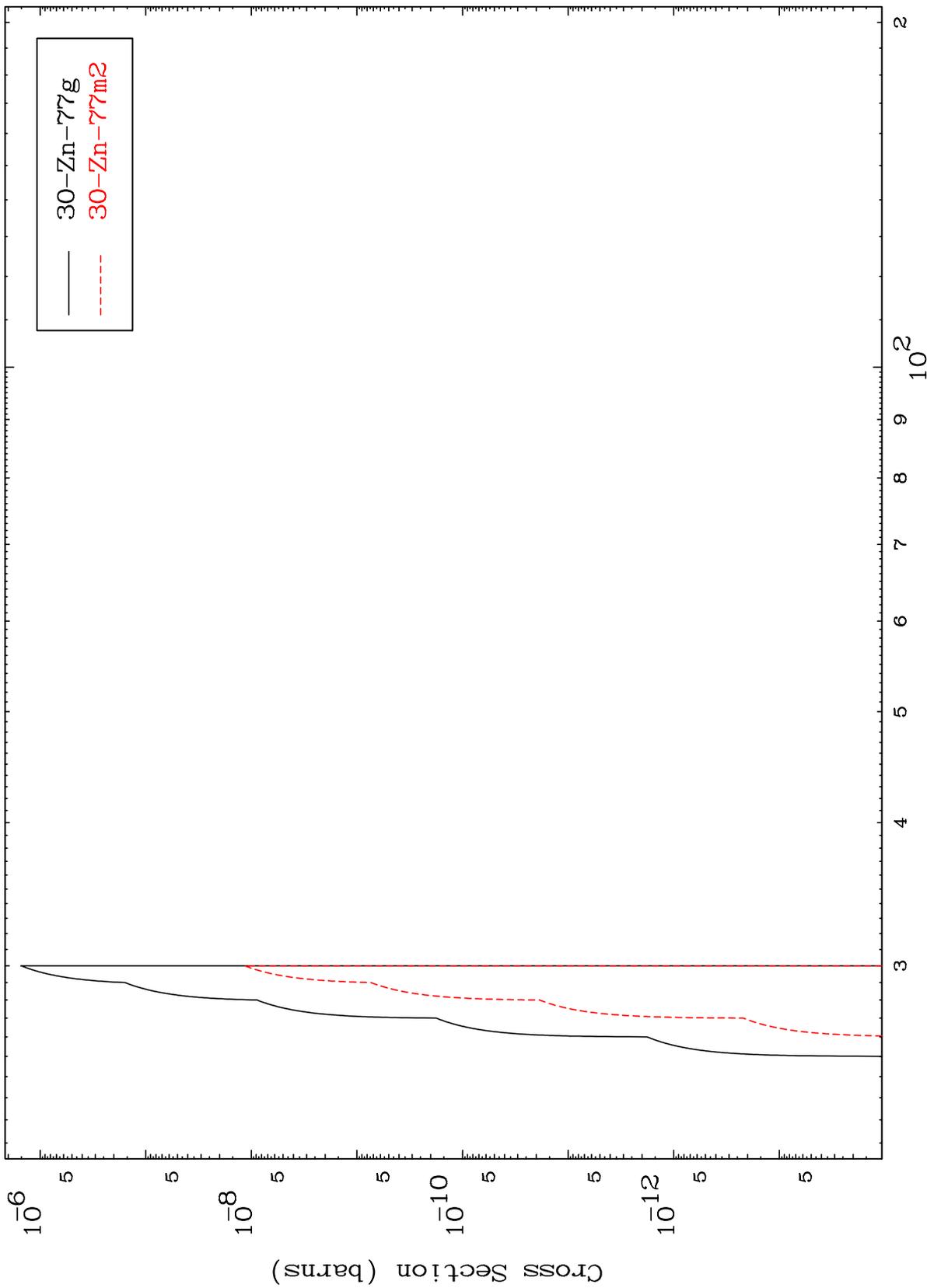
32-Ge-83

MAT 3264

(n,3n) α

32-Ge-83

Radionuclide Production Cross Section

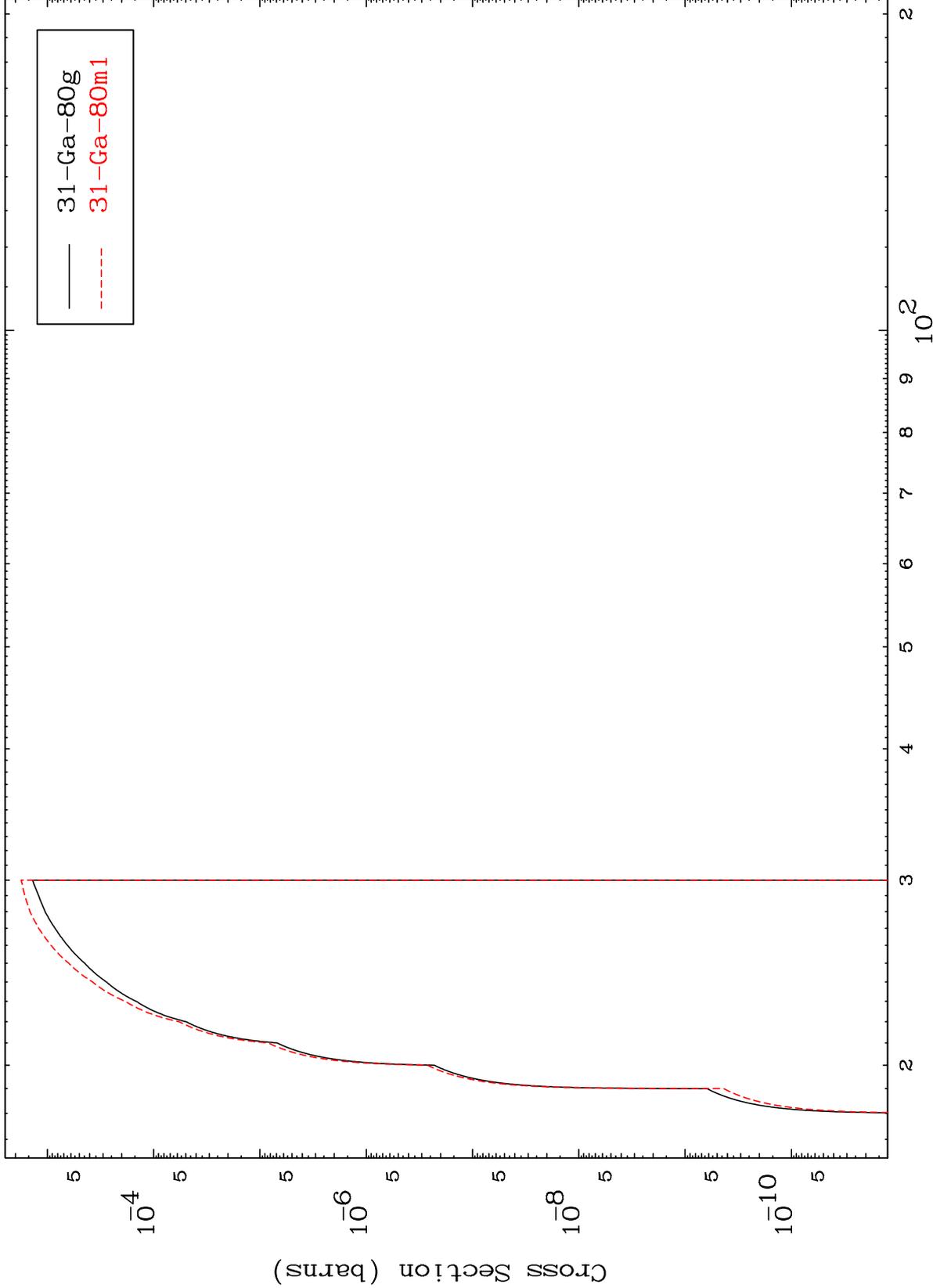


144

Incident Energy (MeV)

32-Ge-83

Radionuclide Production Cross Section



Radionuclide Production Cross Section

