

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

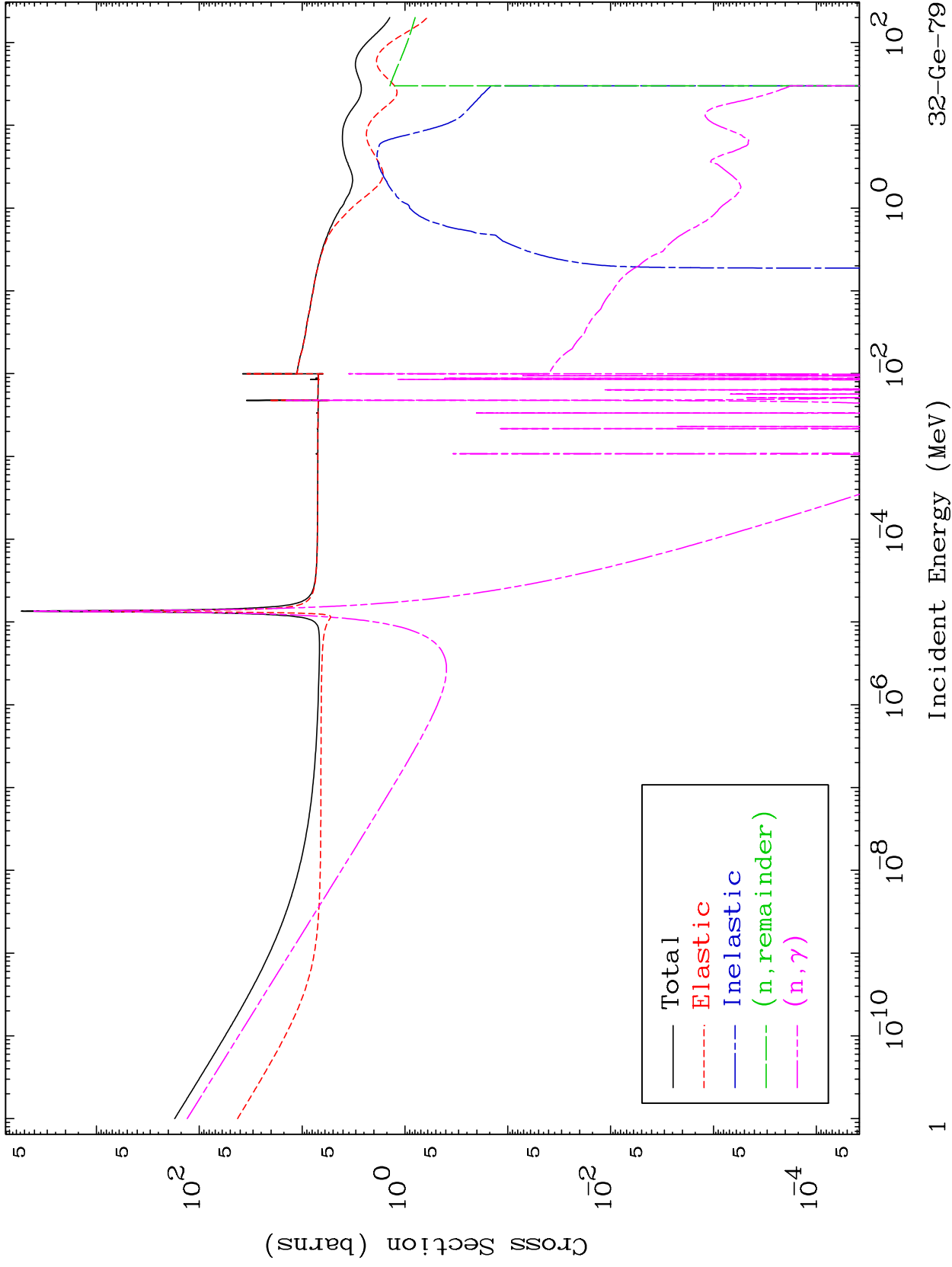
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3252

Major
293 Kelvin Cross Sections

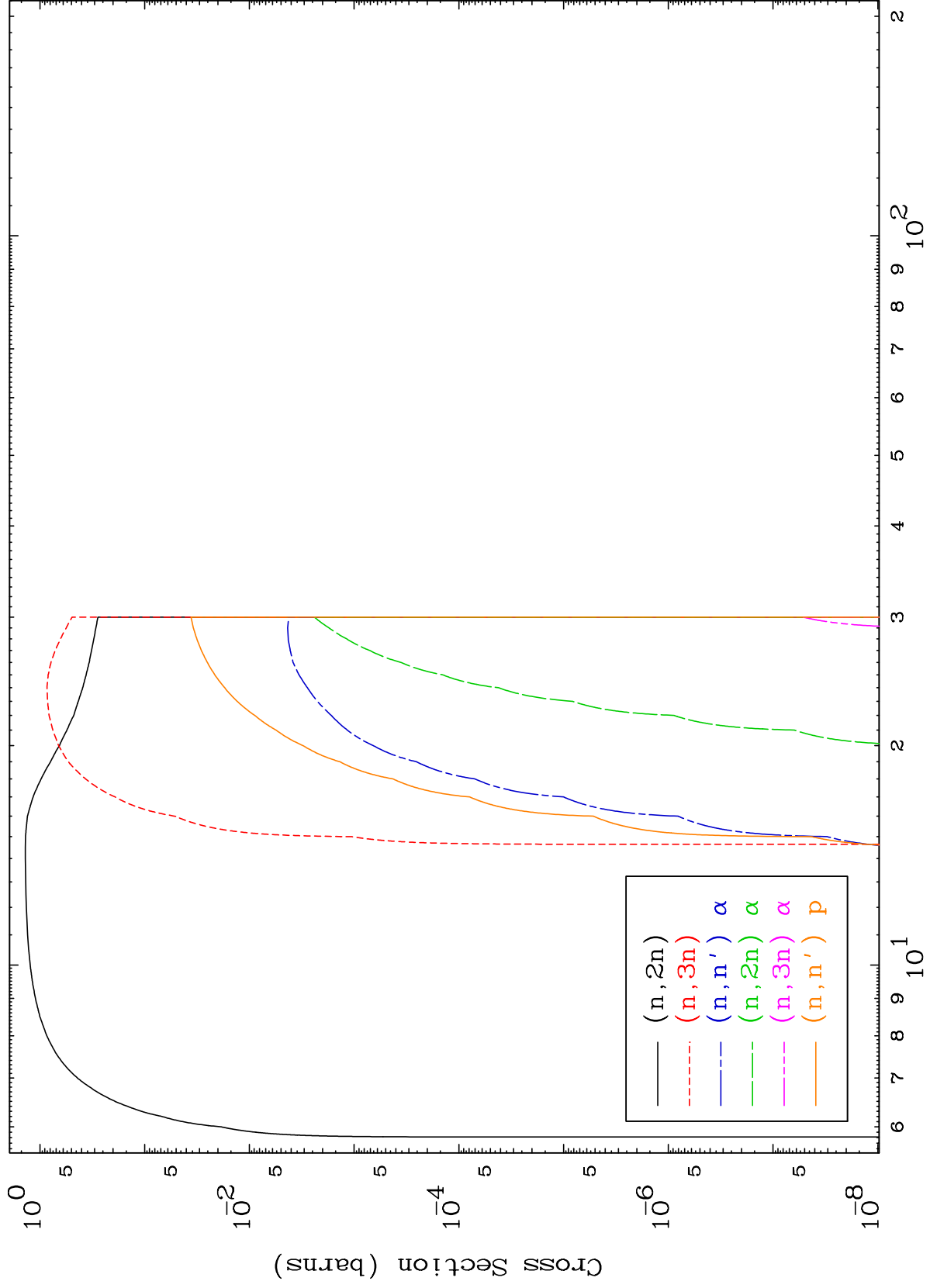
32-Ge-79



MAT 3252

Neutron Production
293 Kelvin Cross Sections

³²Ge-79

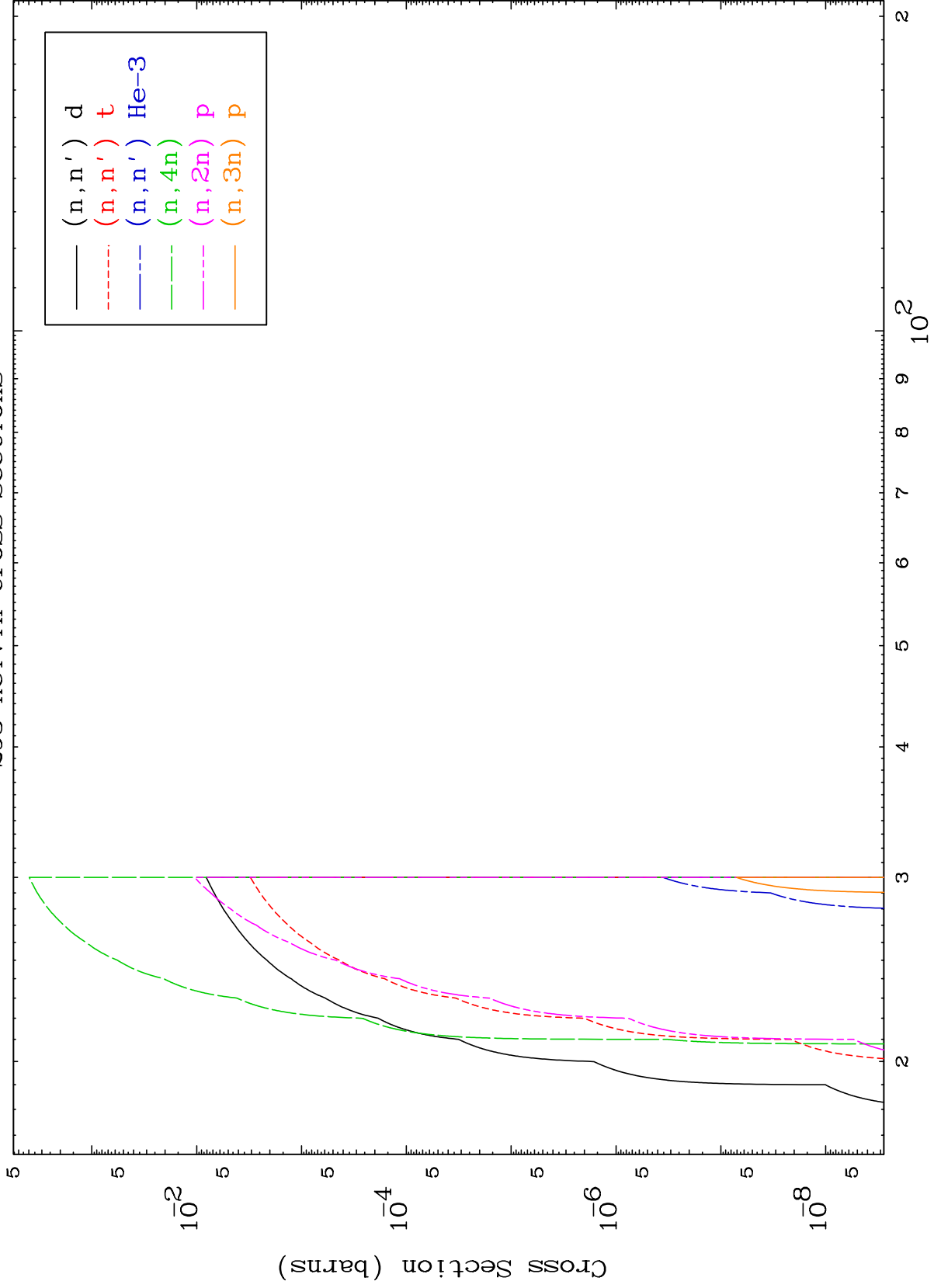


2

Incident Energy (MeV)

³²Ge-79

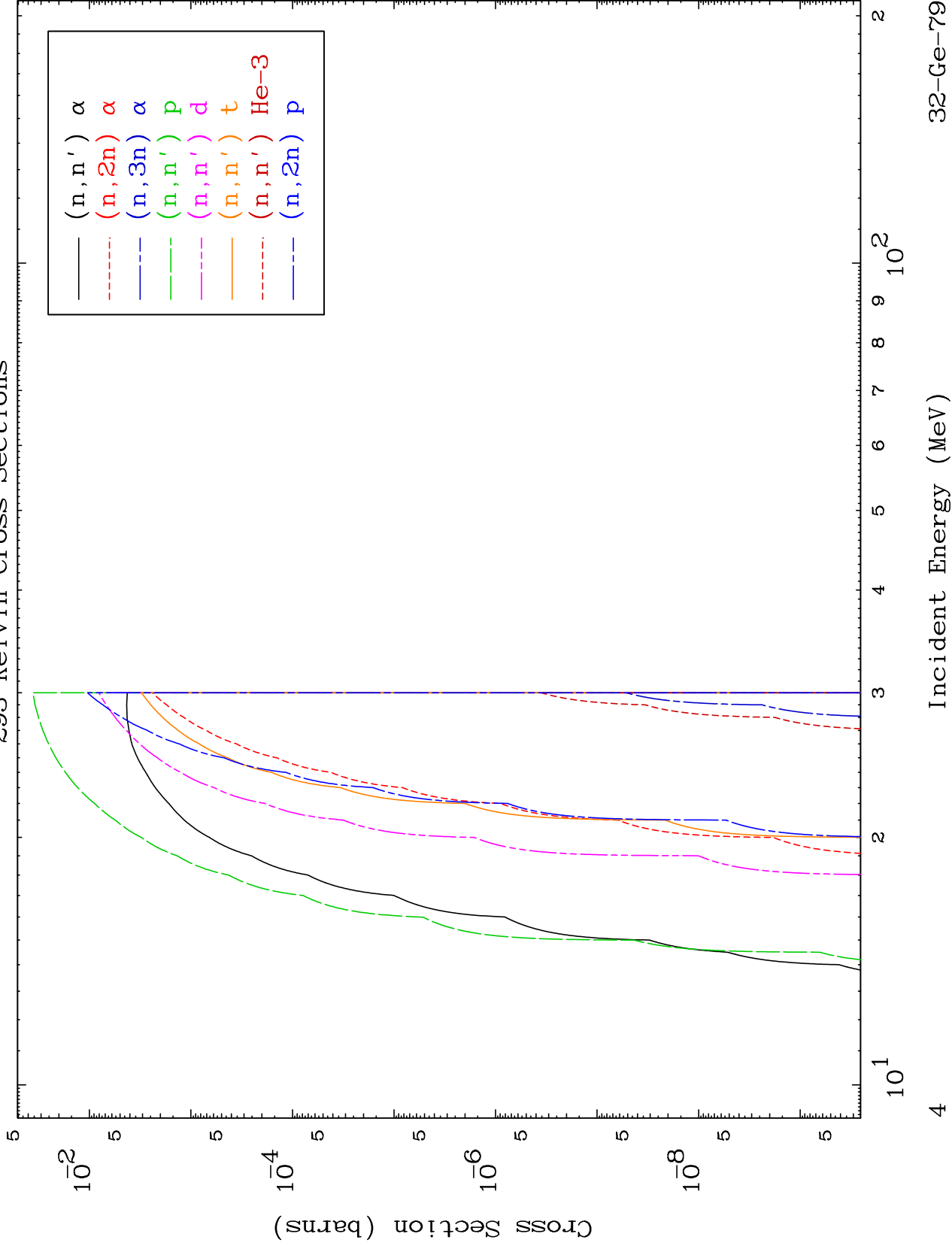
Neutron Production
293 Kelvin Cross Sections



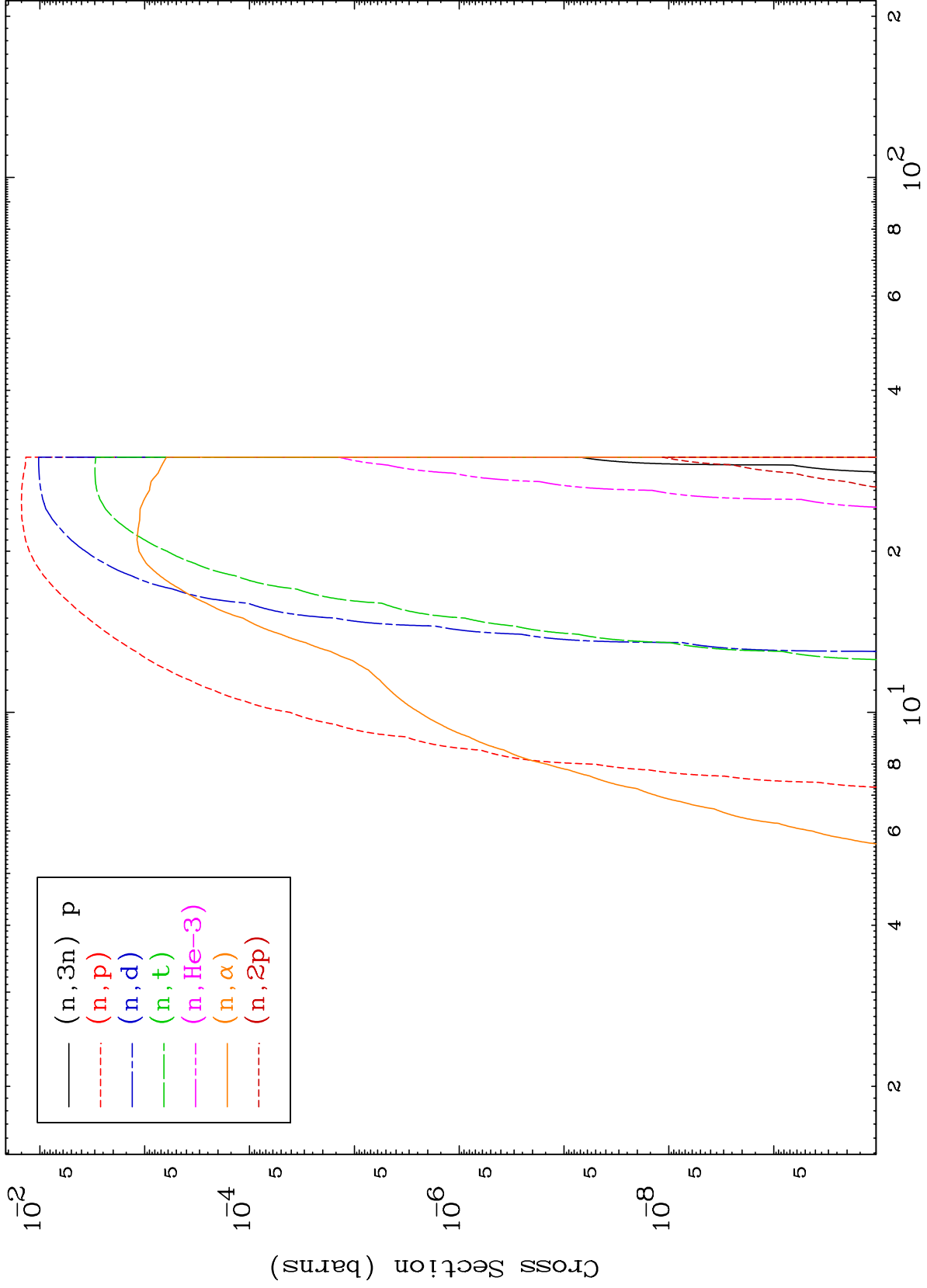
MAT 3252

Charged Particle
293 Kelvin Cross Sections

³²Ge-79



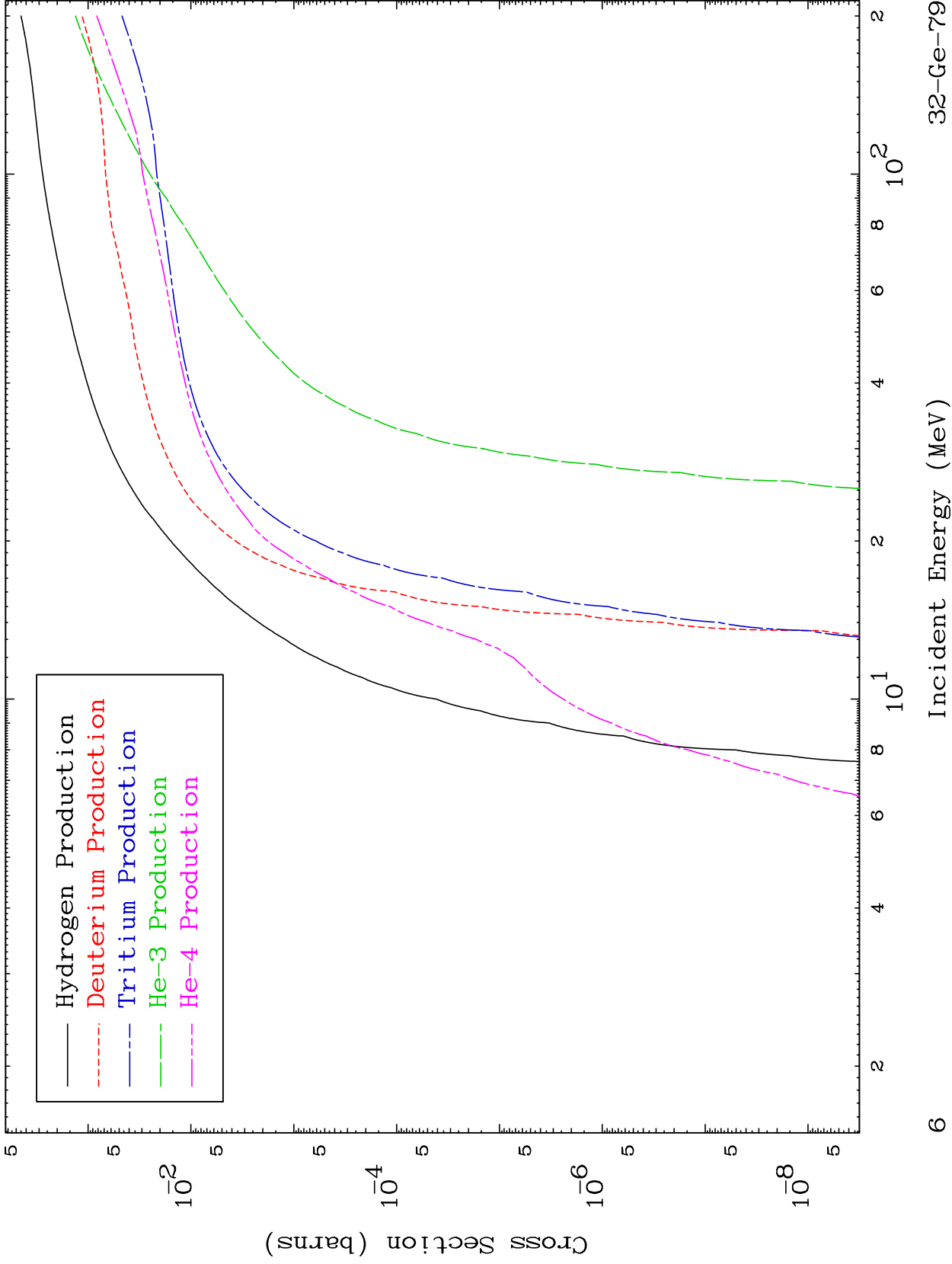
³²Ge-79



MAT 3252

Particle Production
293 Kelvin Cross Sections

32-Ge-79

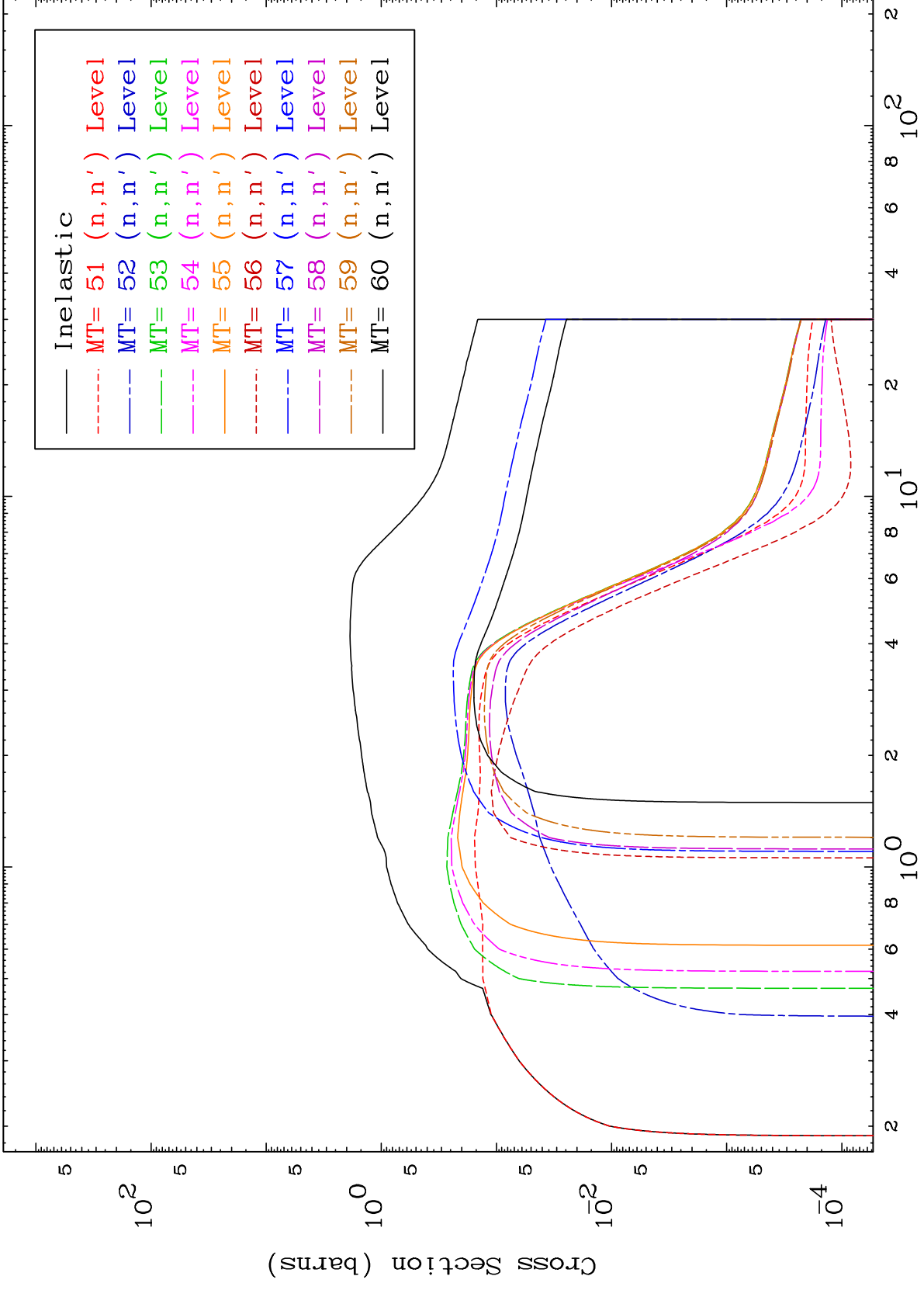


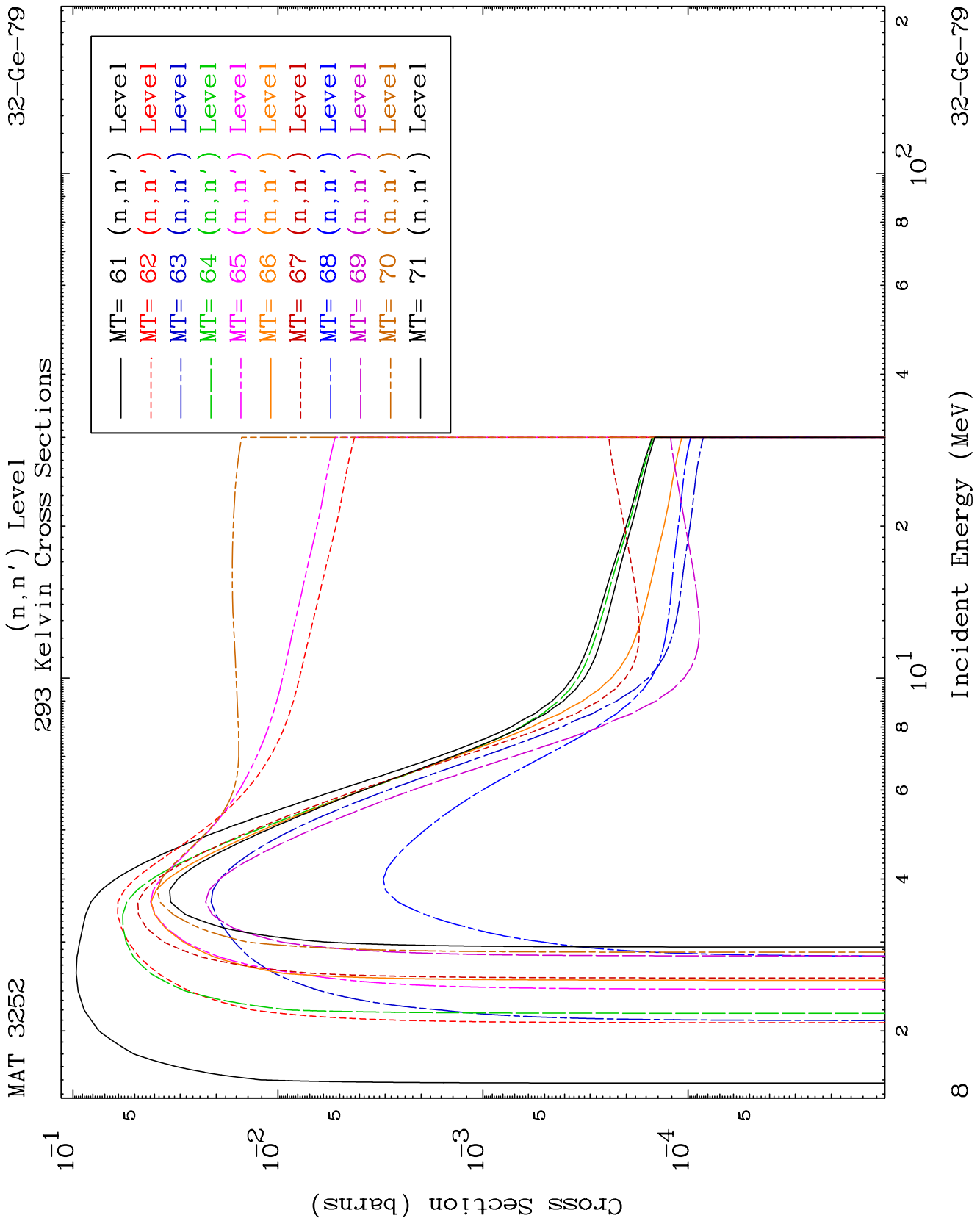
6

Incident Energy (MeV)

32-Ge-79

293 Kelvin Cross Sections



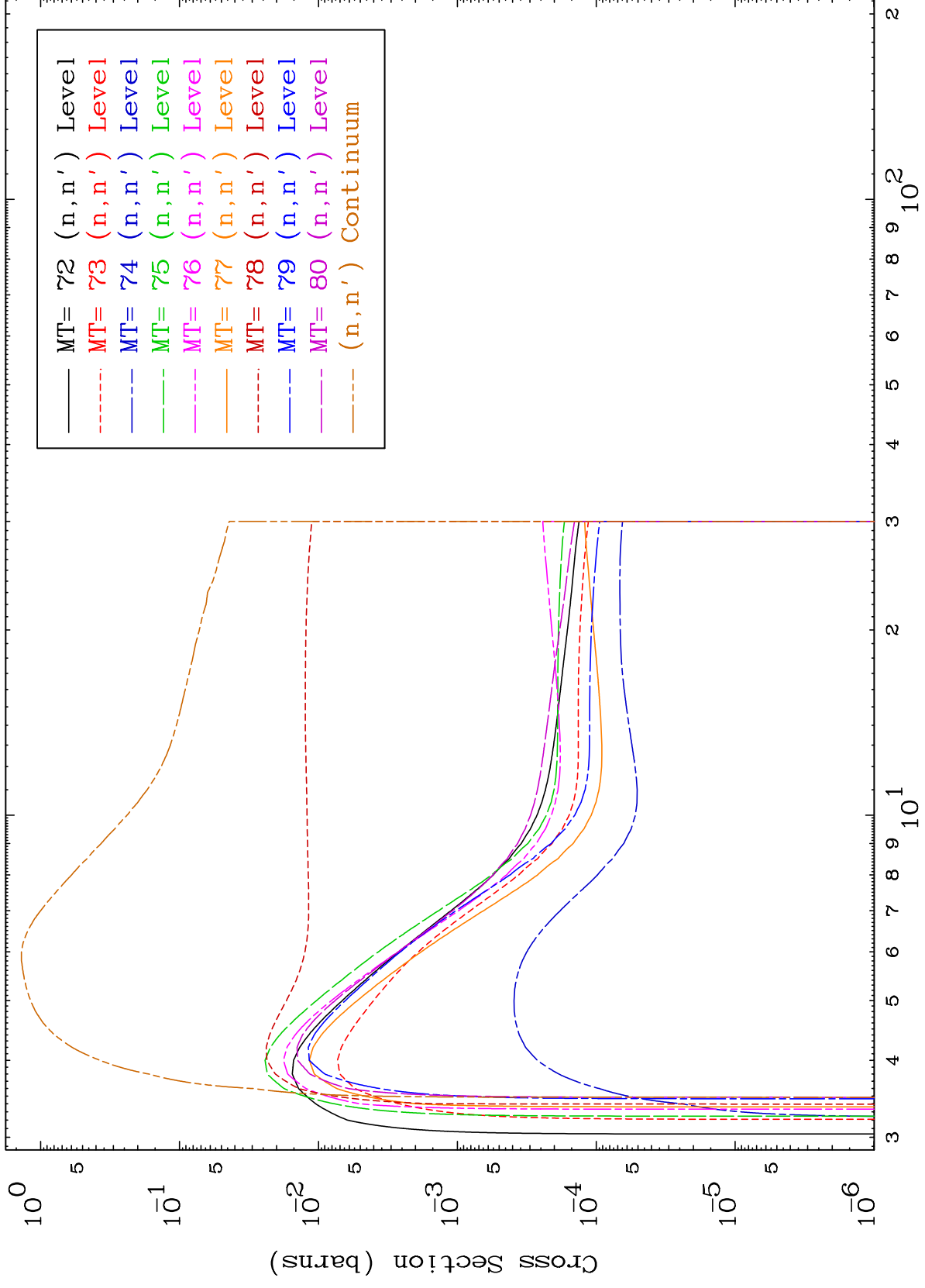


MAT 3252

(n,n') Level

32-Ge-79

293 Kelvin Cross Sections



9

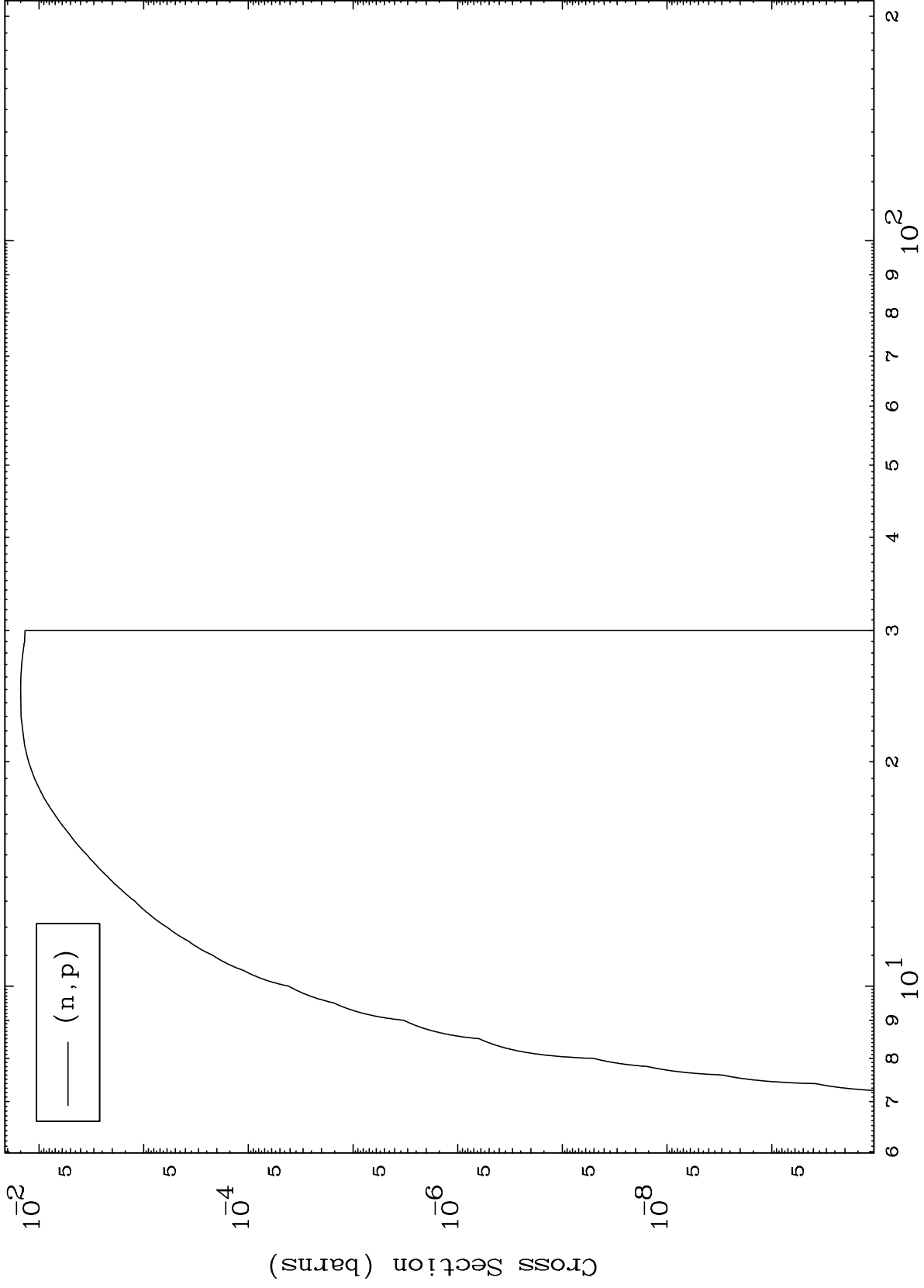
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,p) Levels
293 Kelvin Cross Sections

³²Ge-79



10

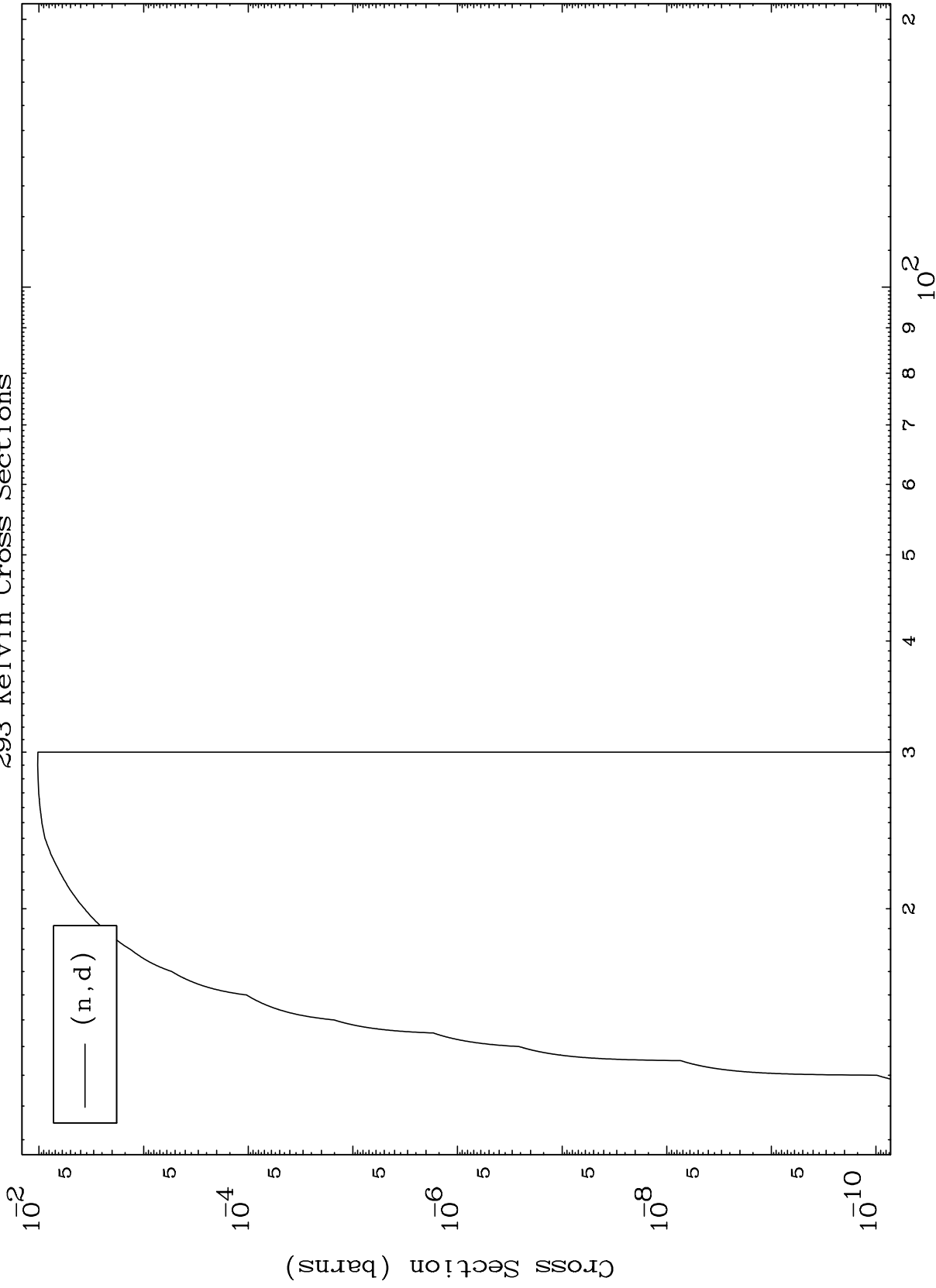
Incident Energy (MeV)

³²Ge-79

MAT 3252

(n,d) Levels
293 Kelvin Cross Sections

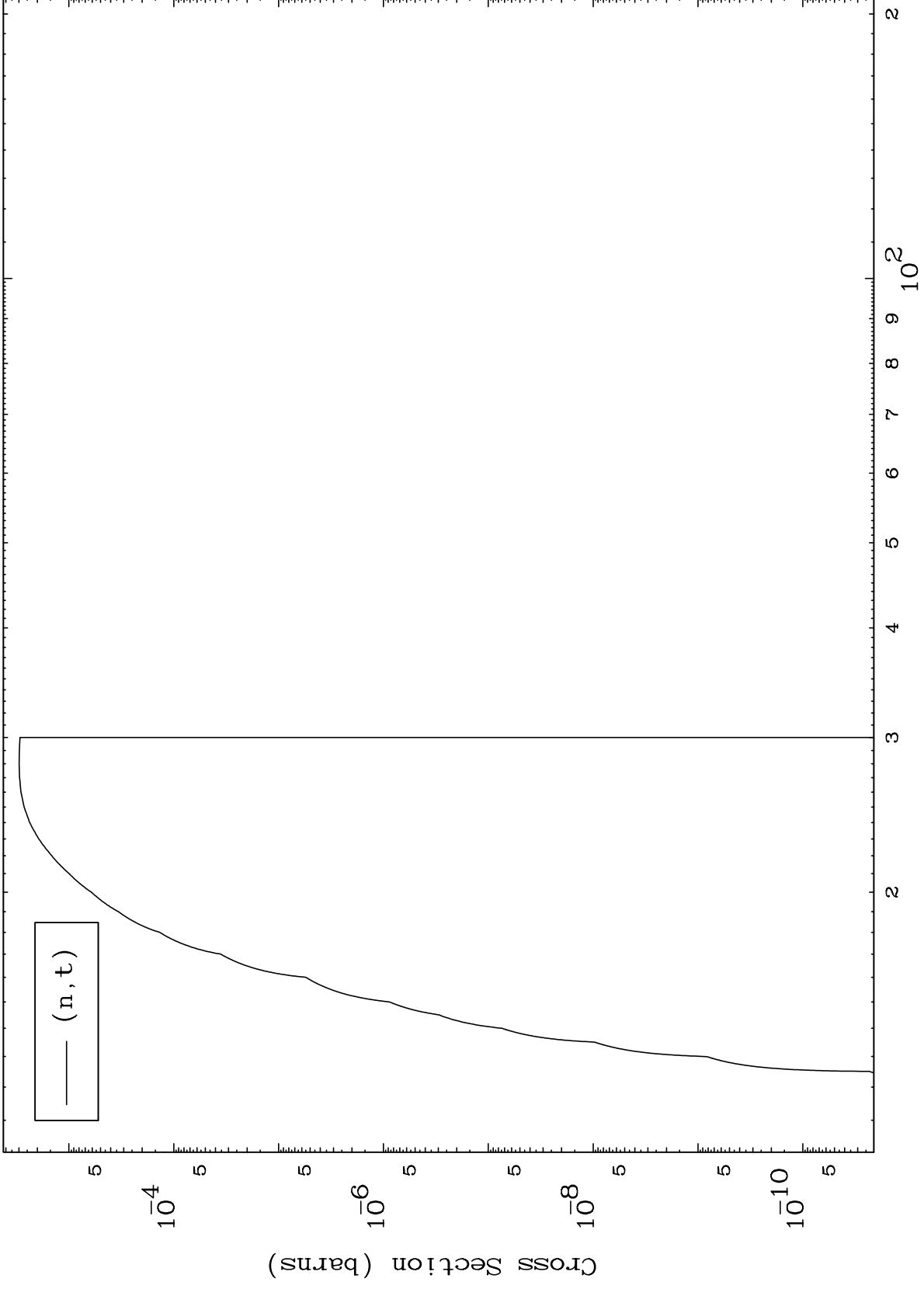
³²Ge-79



MAT 3252

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-79



12

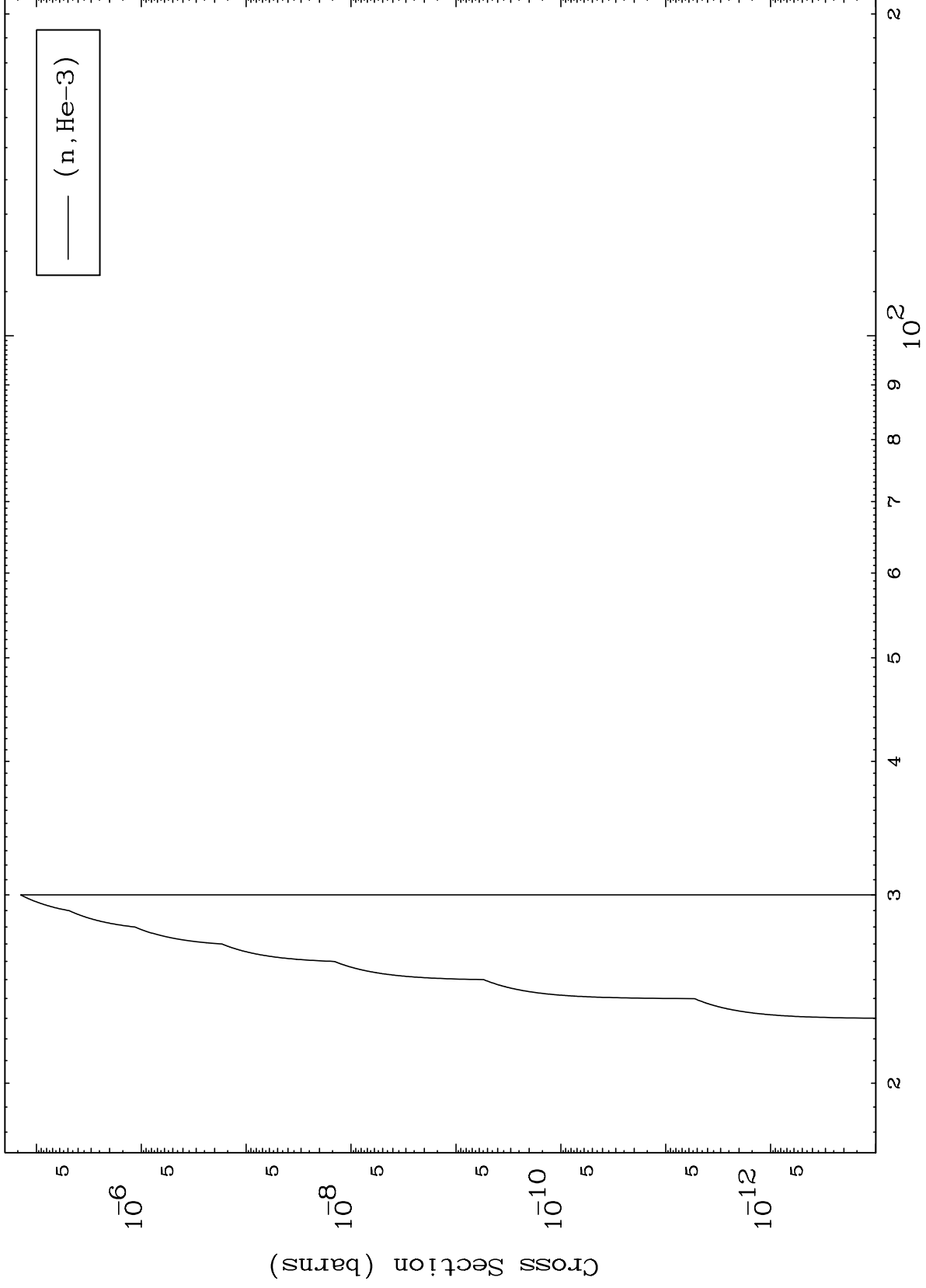
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-79



13

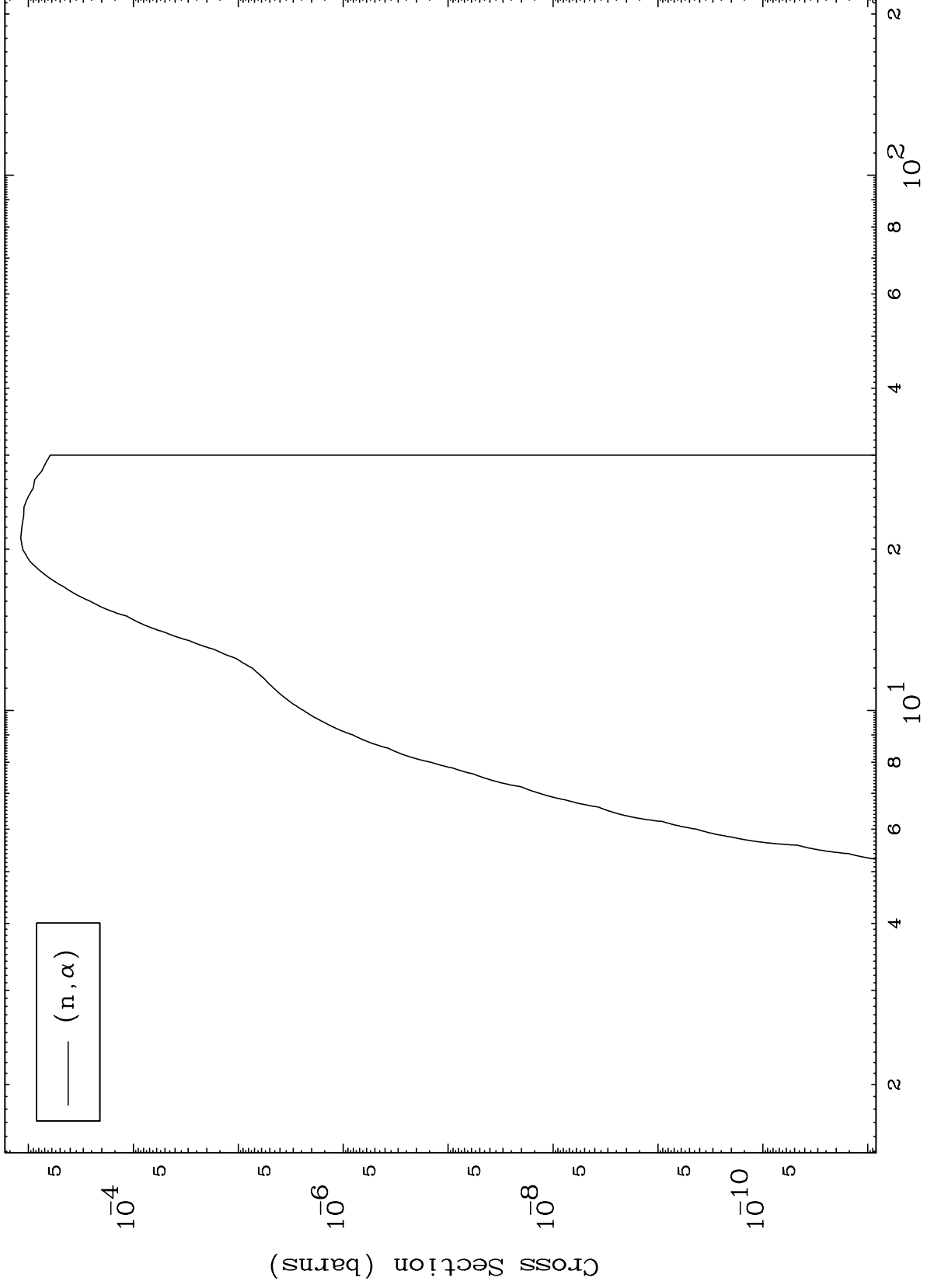
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n, α) Levels
293 Kelvin Cross Sections

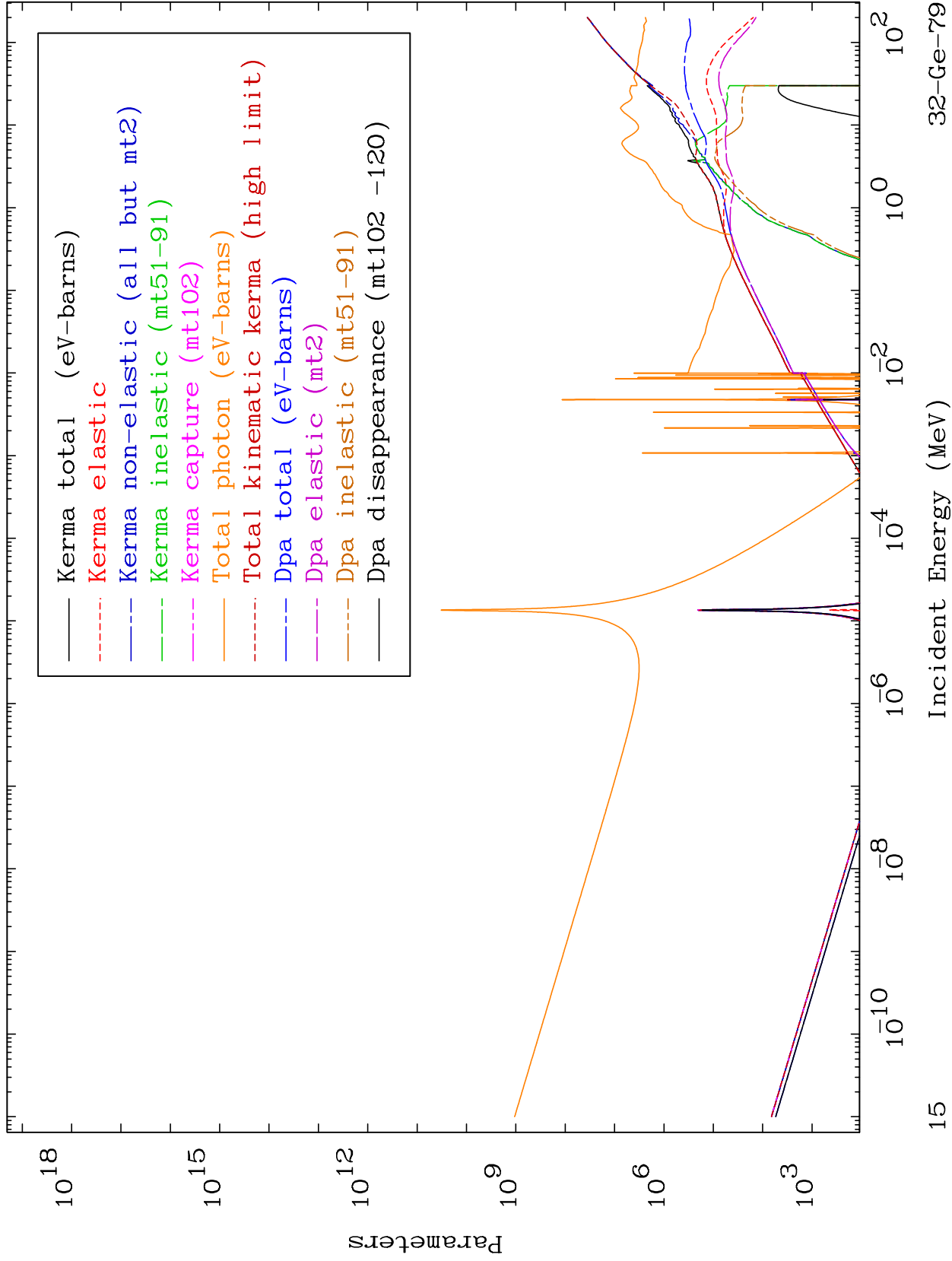
32-Ge-79



14

Incident Energy (MeV)

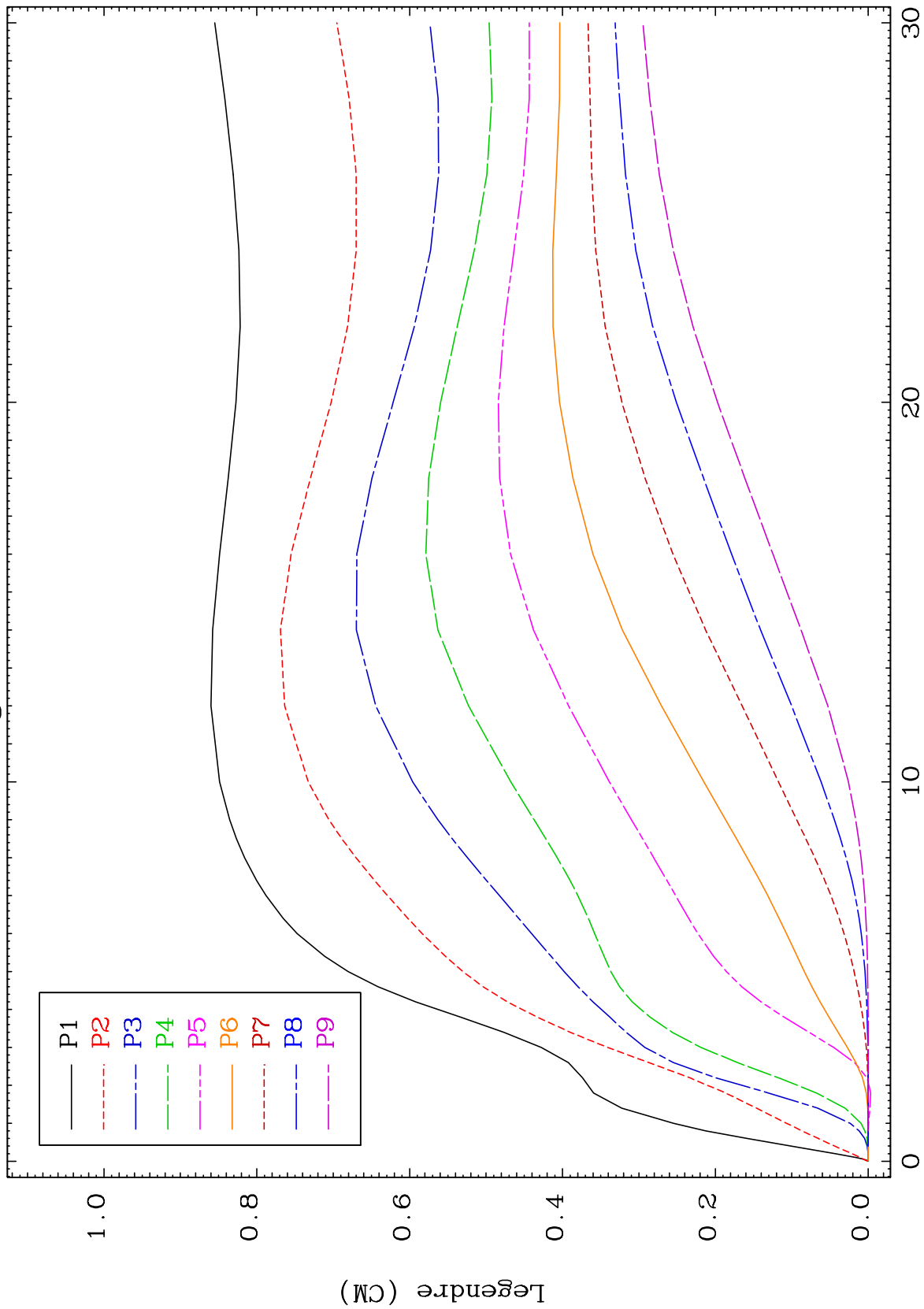
32-Ge-79



MAT 3252

Elastic Legendre Coefficients

³²Ge-79



16

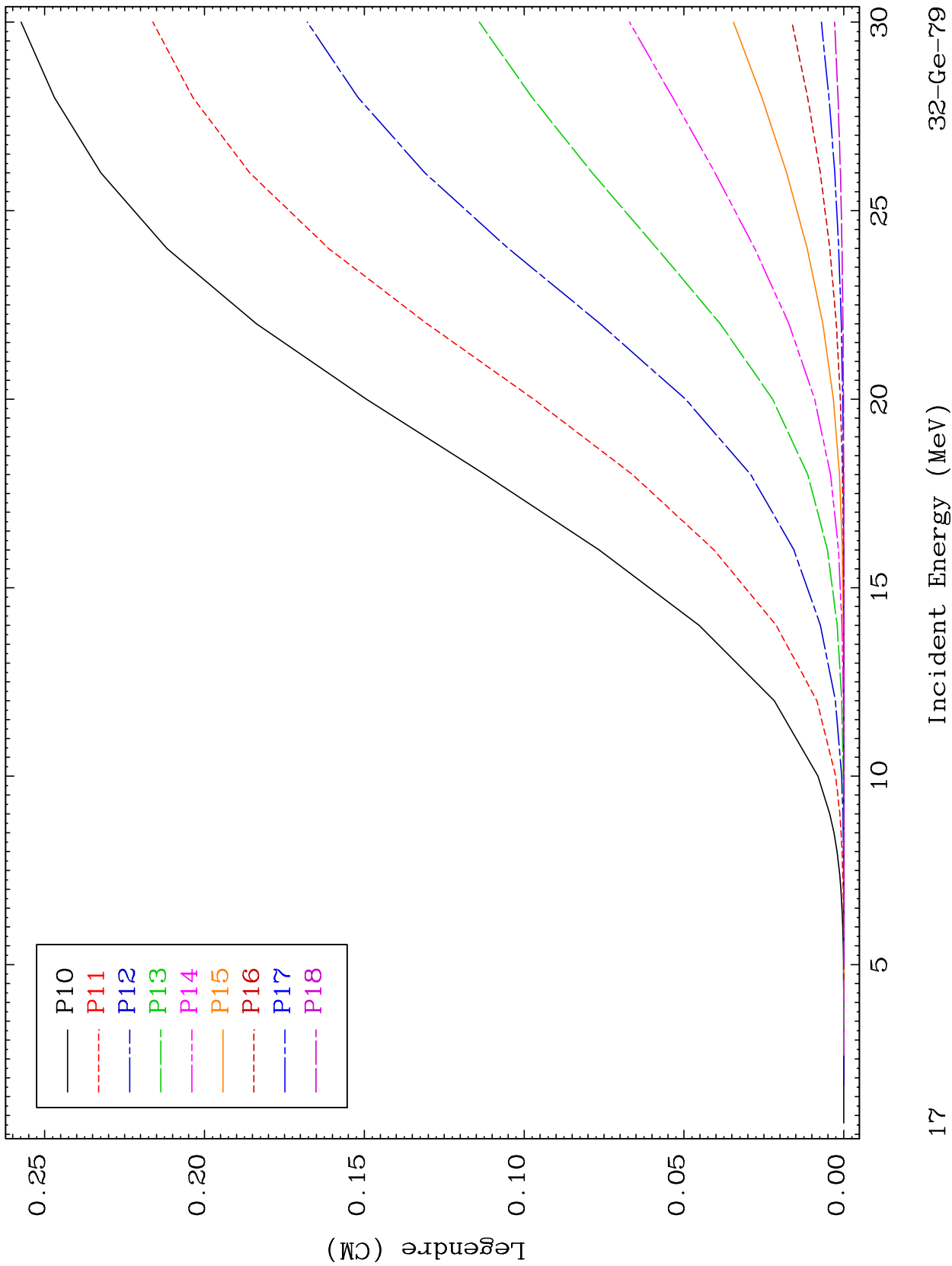
Incident Energy (MeV)

³²Ge-79

MAT 3252

Elastic Legendre Coefficients

³²Ge-79



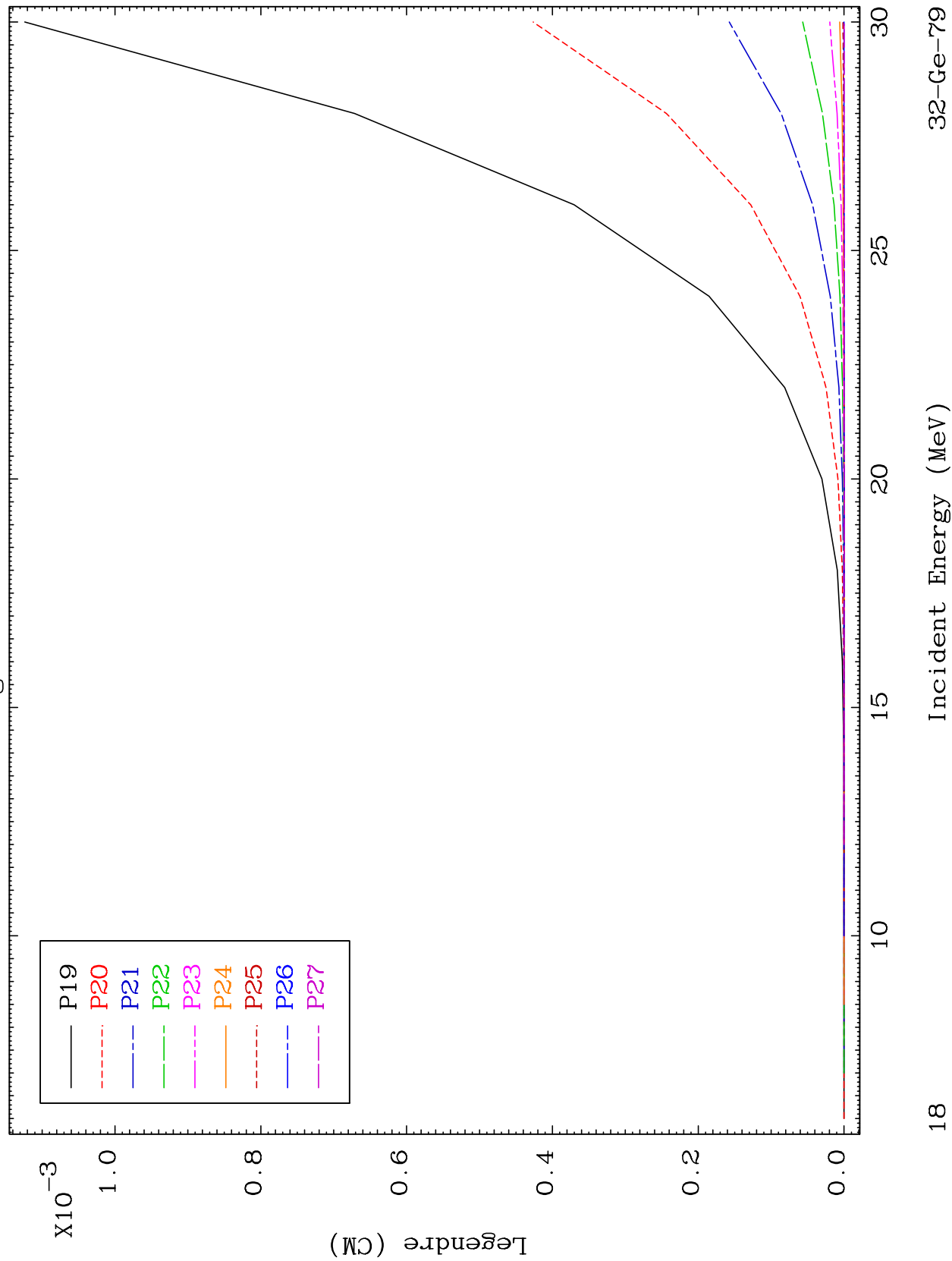
17

³²Ge-79

MAT 3252

Elastic Legendre Coefficients

³²Ge-79



18

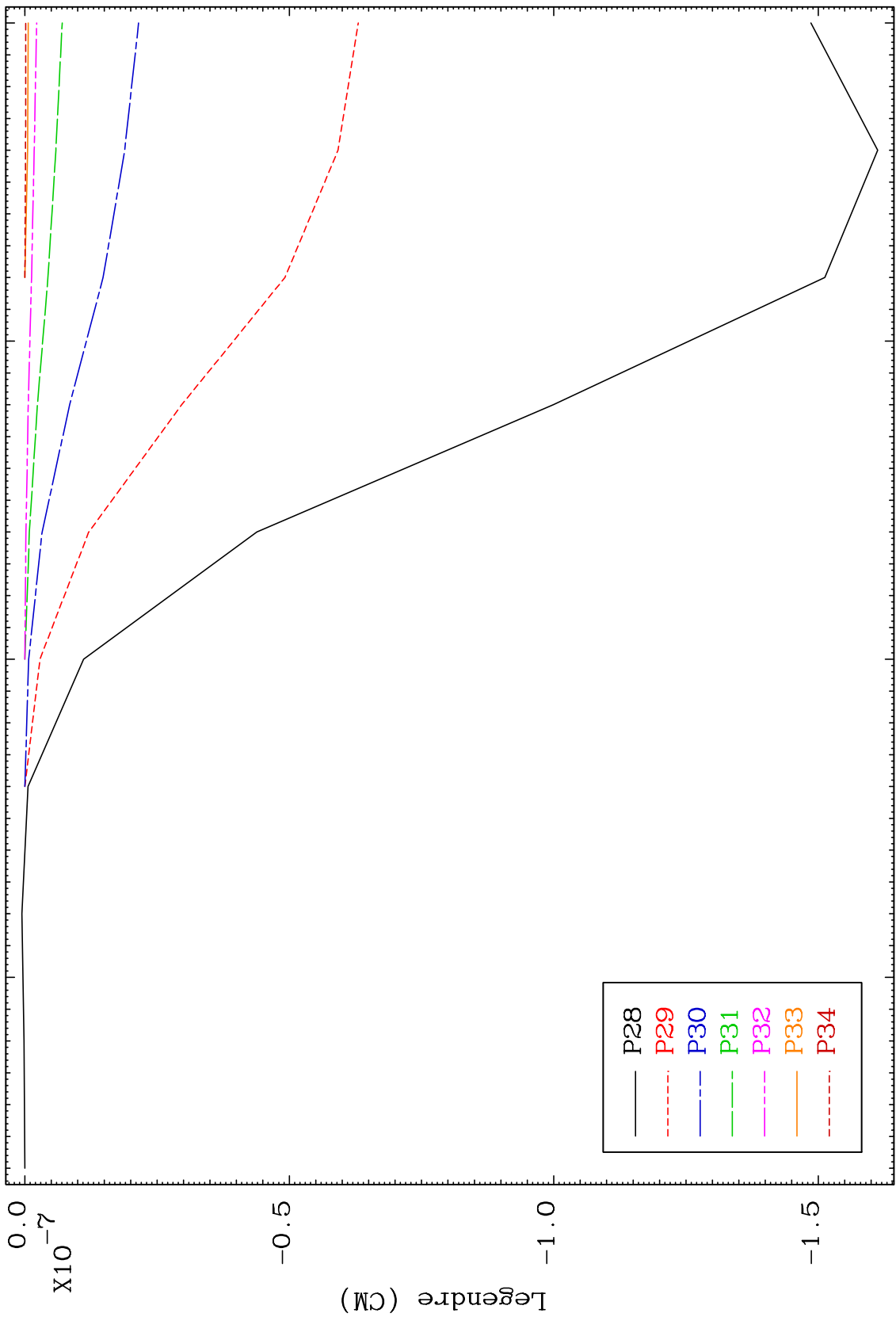
Incident Energy (MeV)

³²Ge-79

MAT 3252

32-Ge-79

Elastic Legendre Coefficients

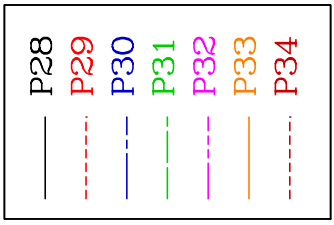


$\times 10^{-7}$

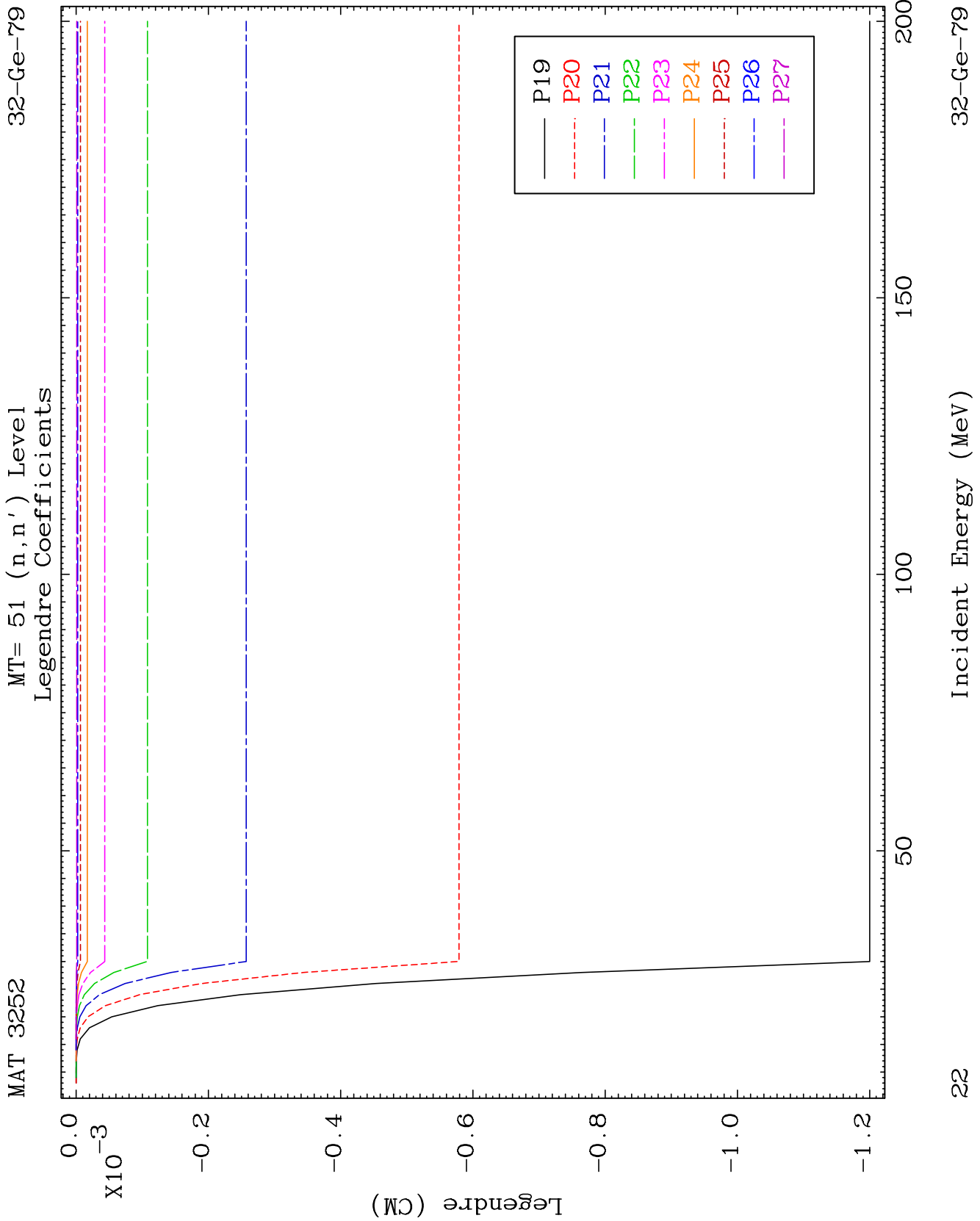
Legendre (CM)

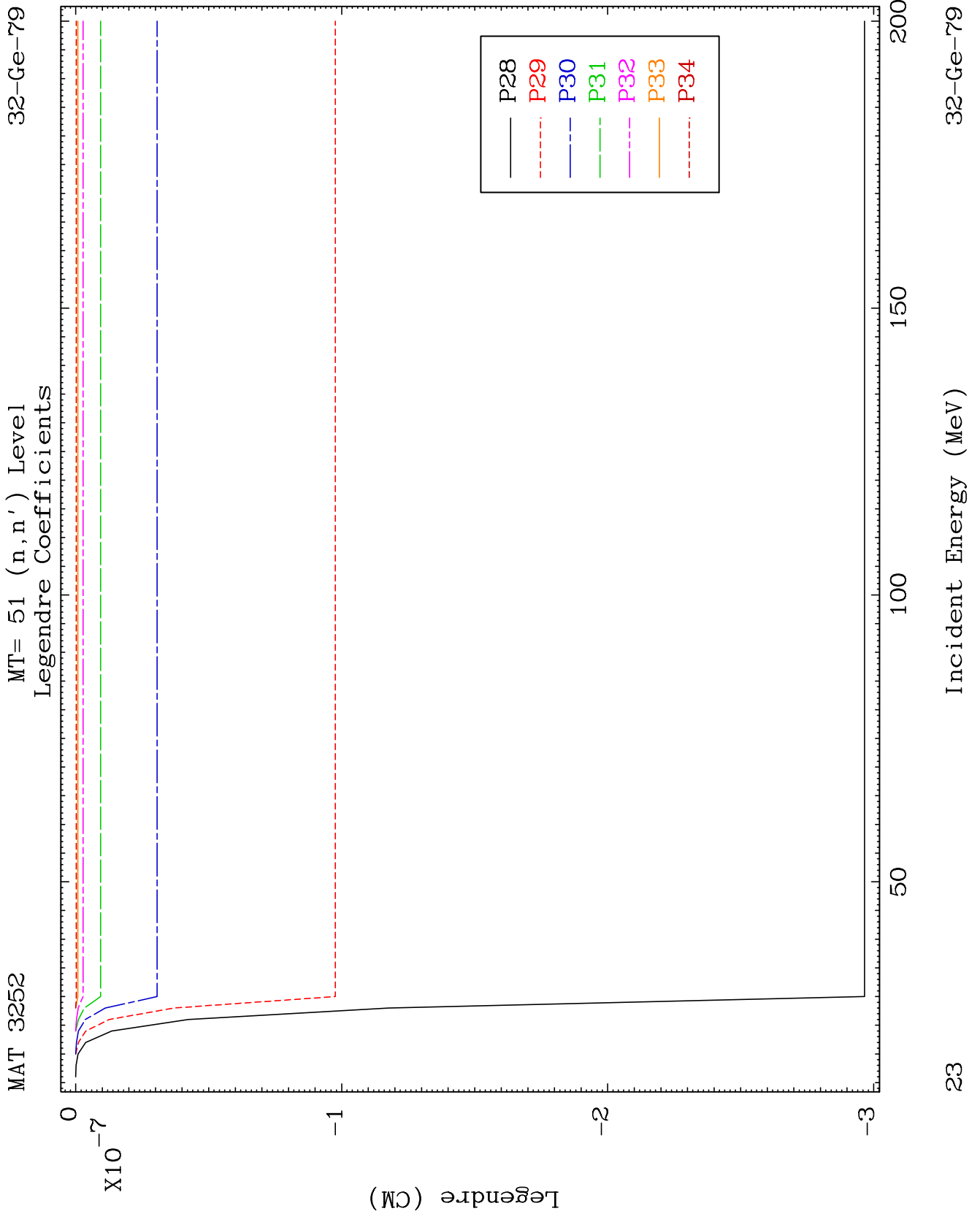
Incident Energy (MeV)

32-Ge-79



19

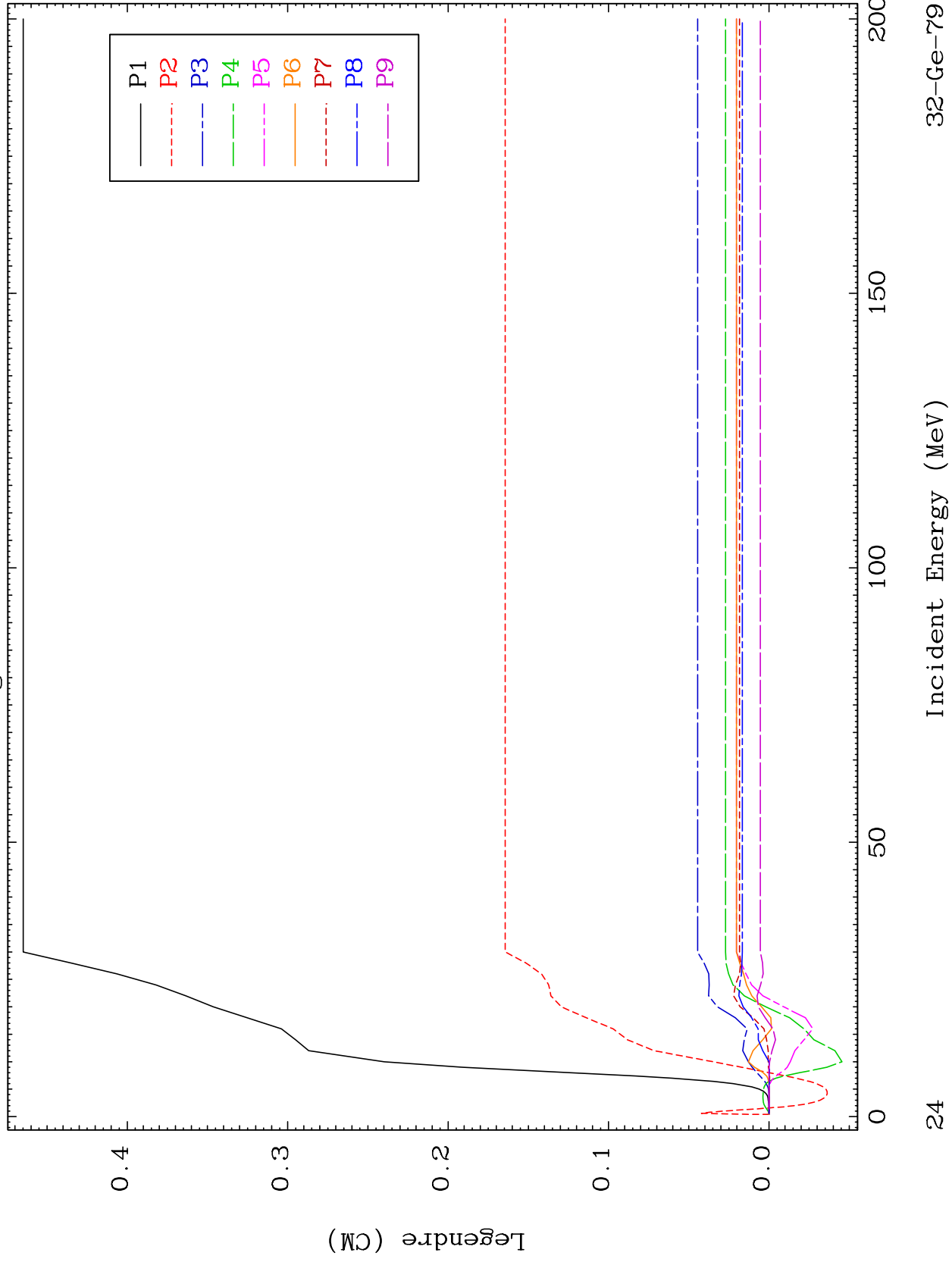




MAT 3252

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

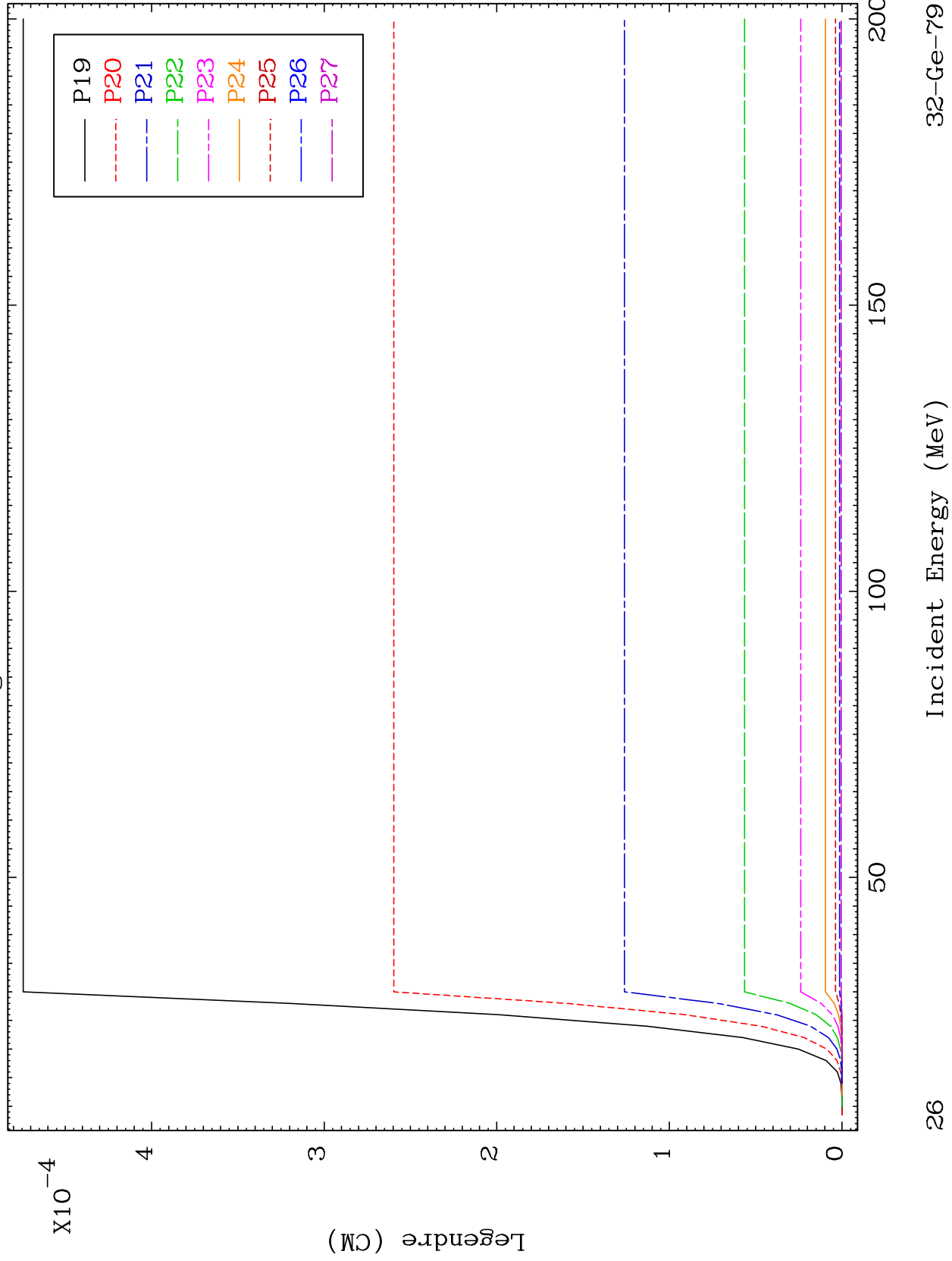
32-Ge-79



MAT 3252

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

32-Ge-79



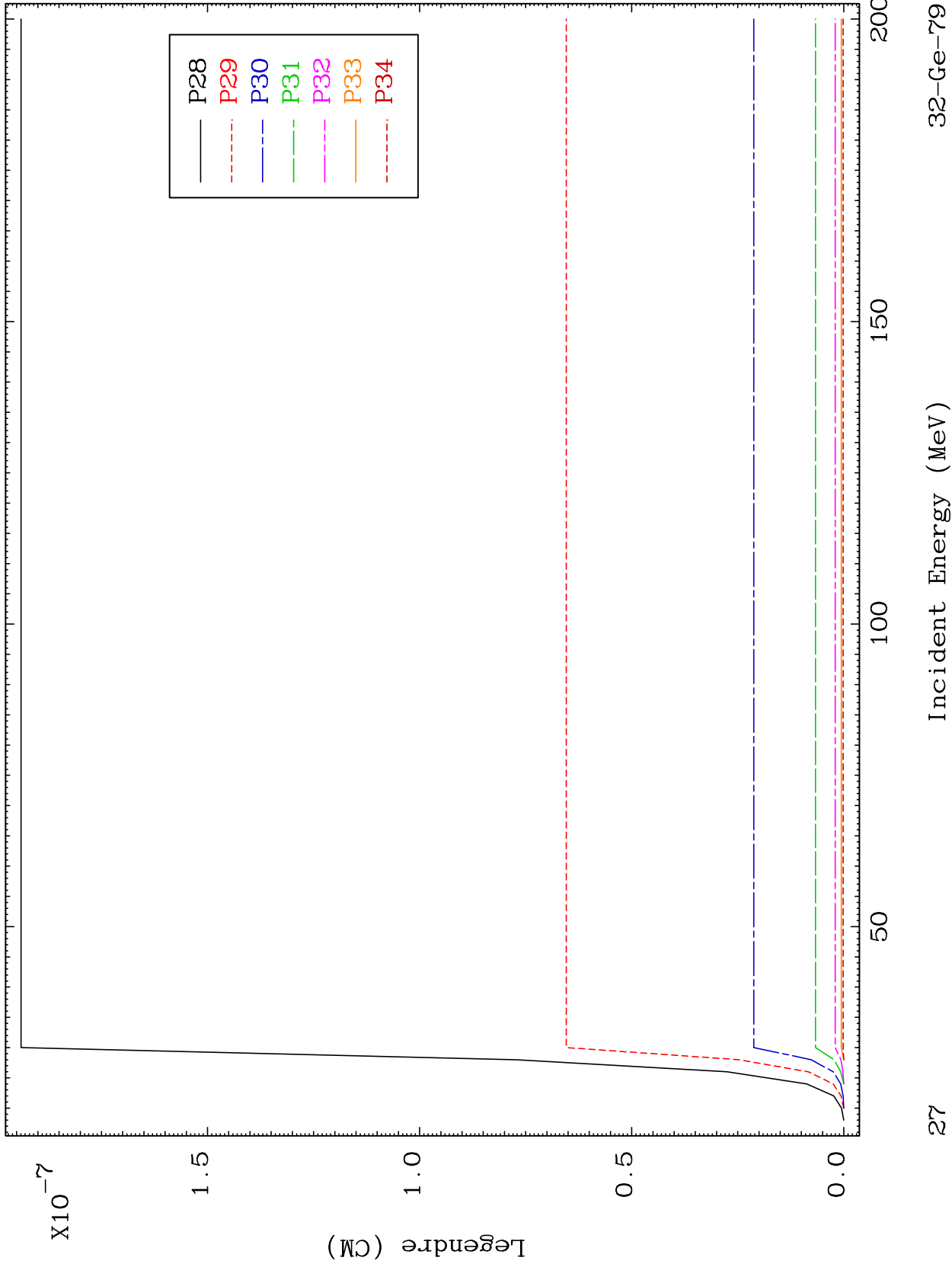
26

32-Ge-79

MAT 3252

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

32-Ge-79



27

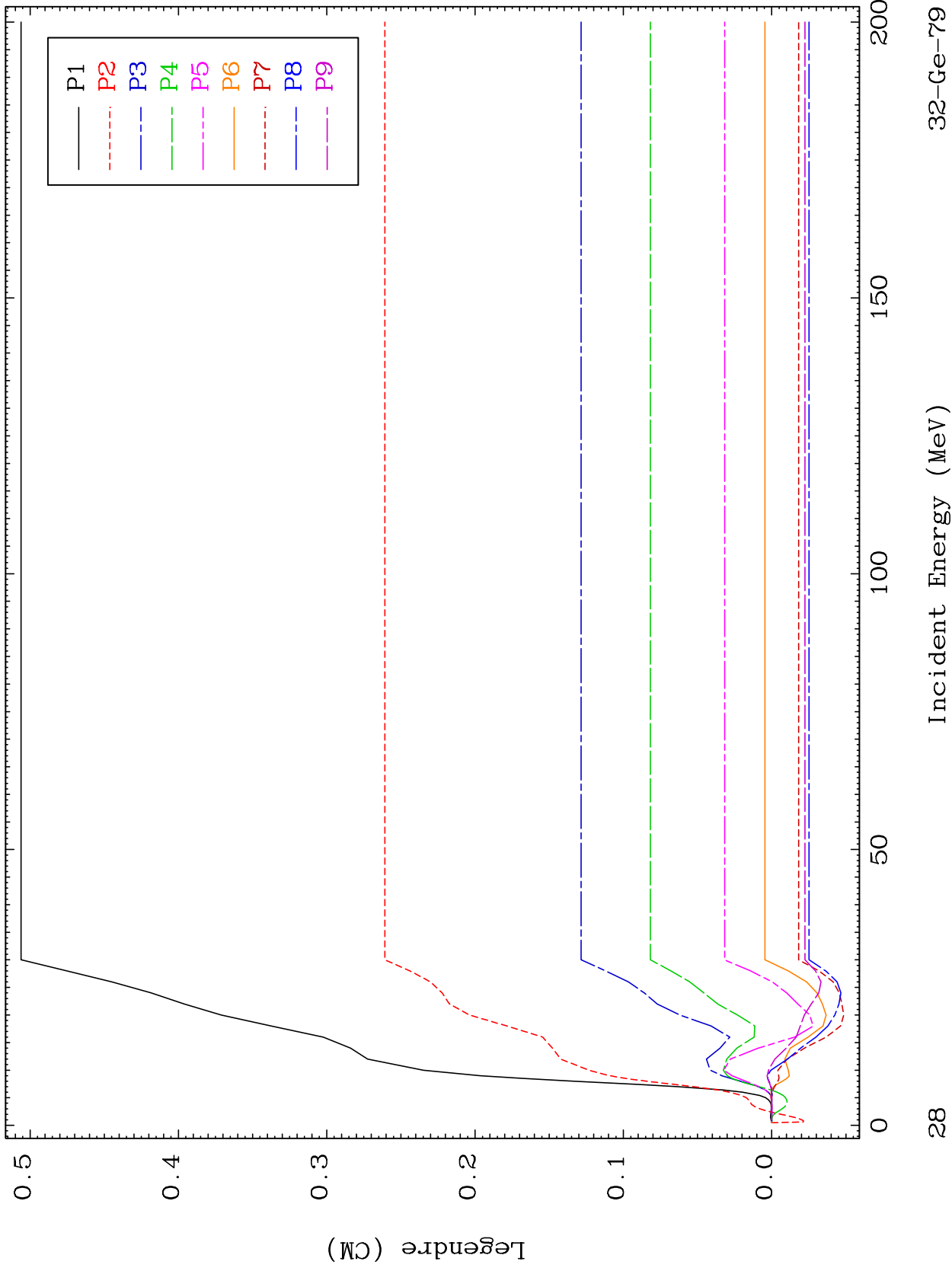
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

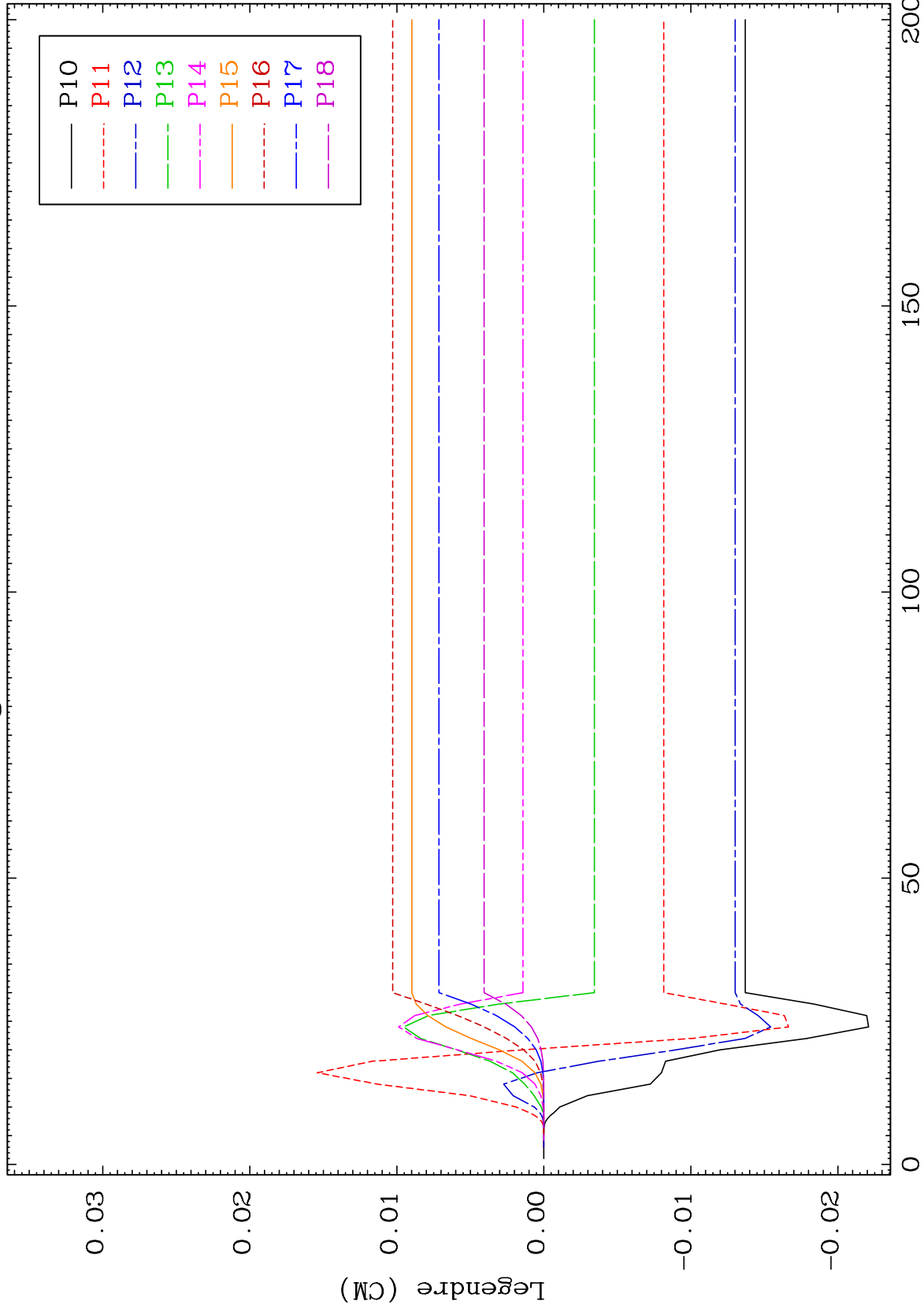
Incident Energy (MeV)

28

MAT 3252

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

32-Ge-79



29

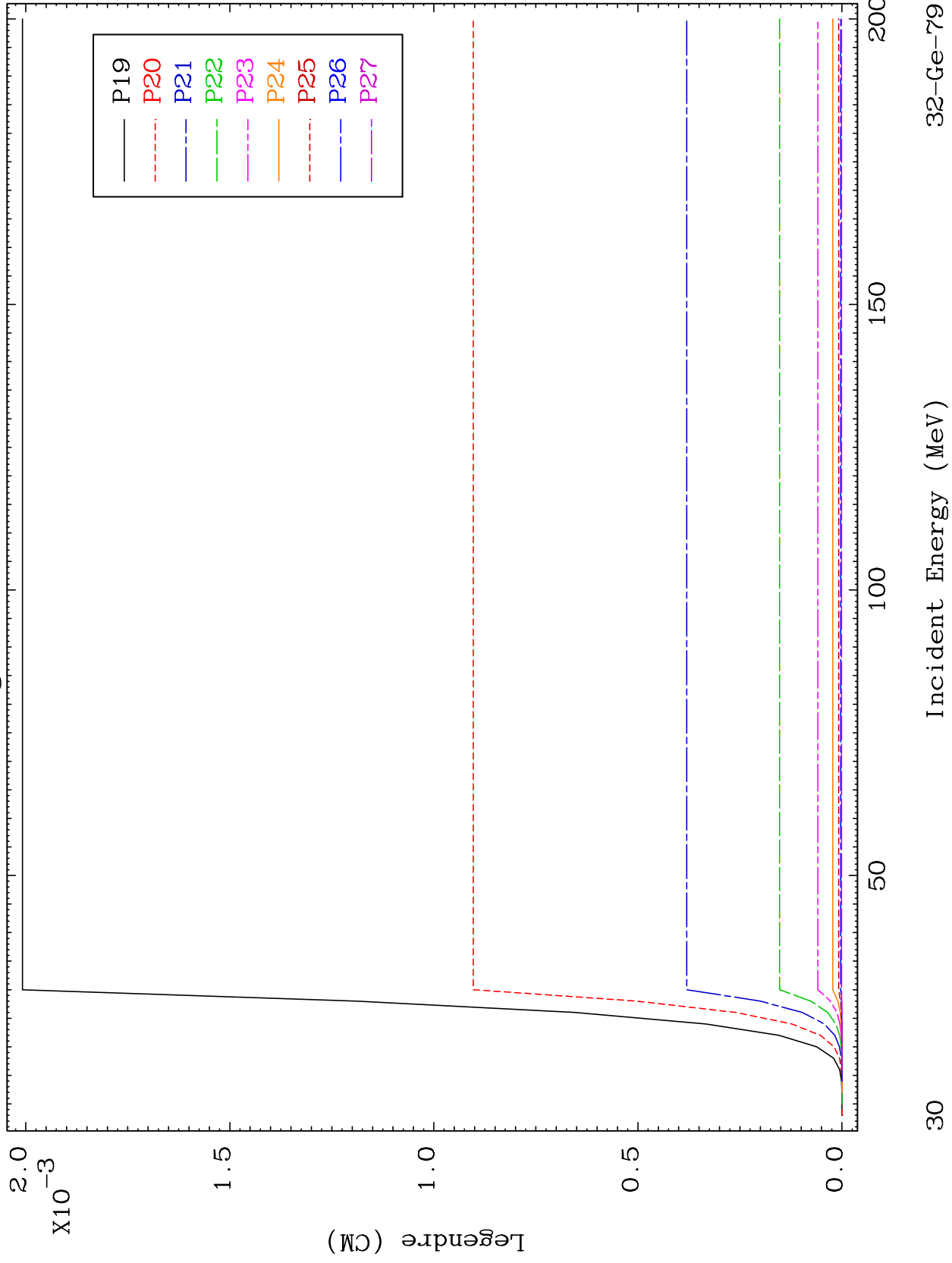
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

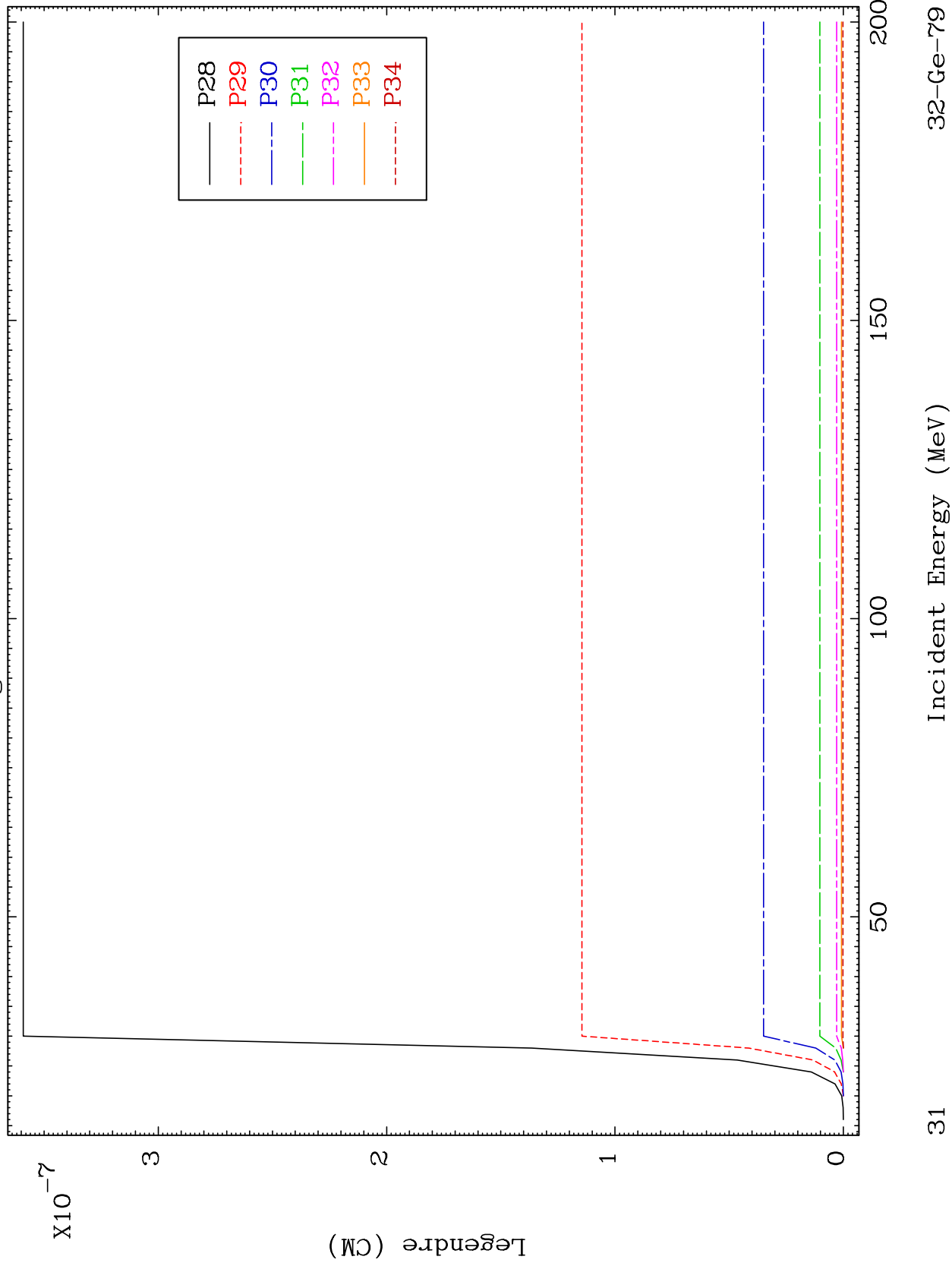
32-Ge-79



MAT 3252

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

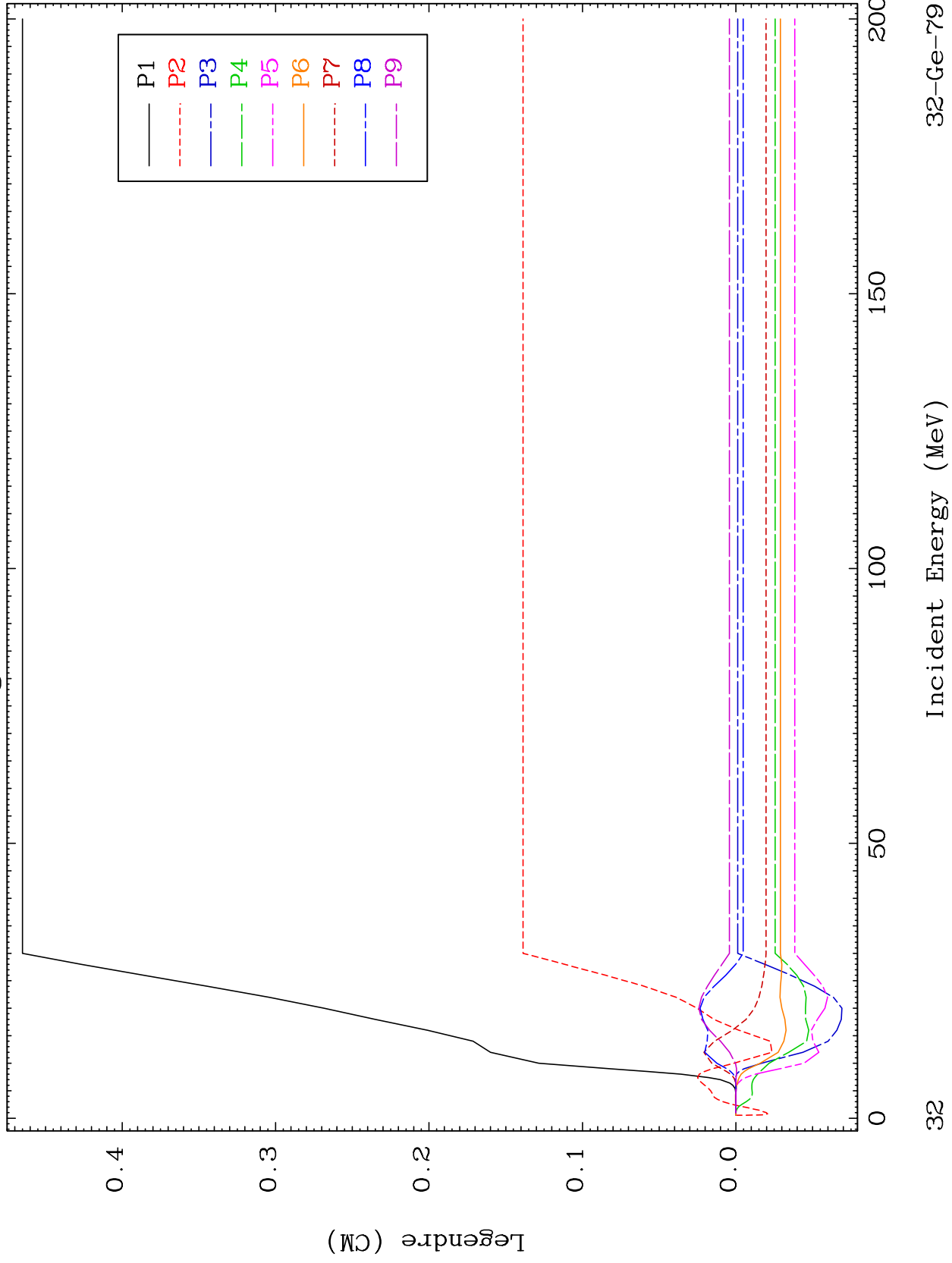
32-Ge-79



MAT 3252

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

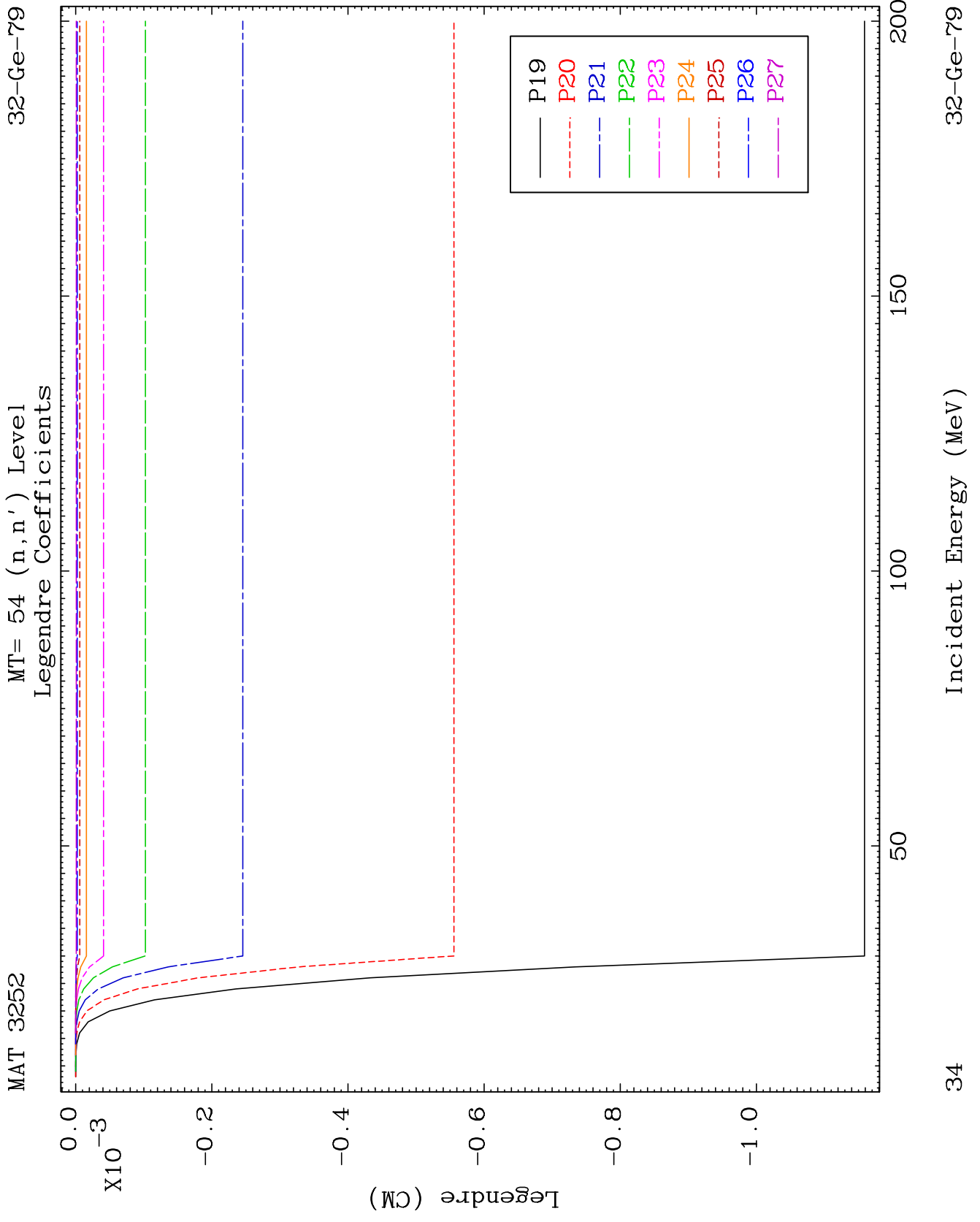
32-Ge-79

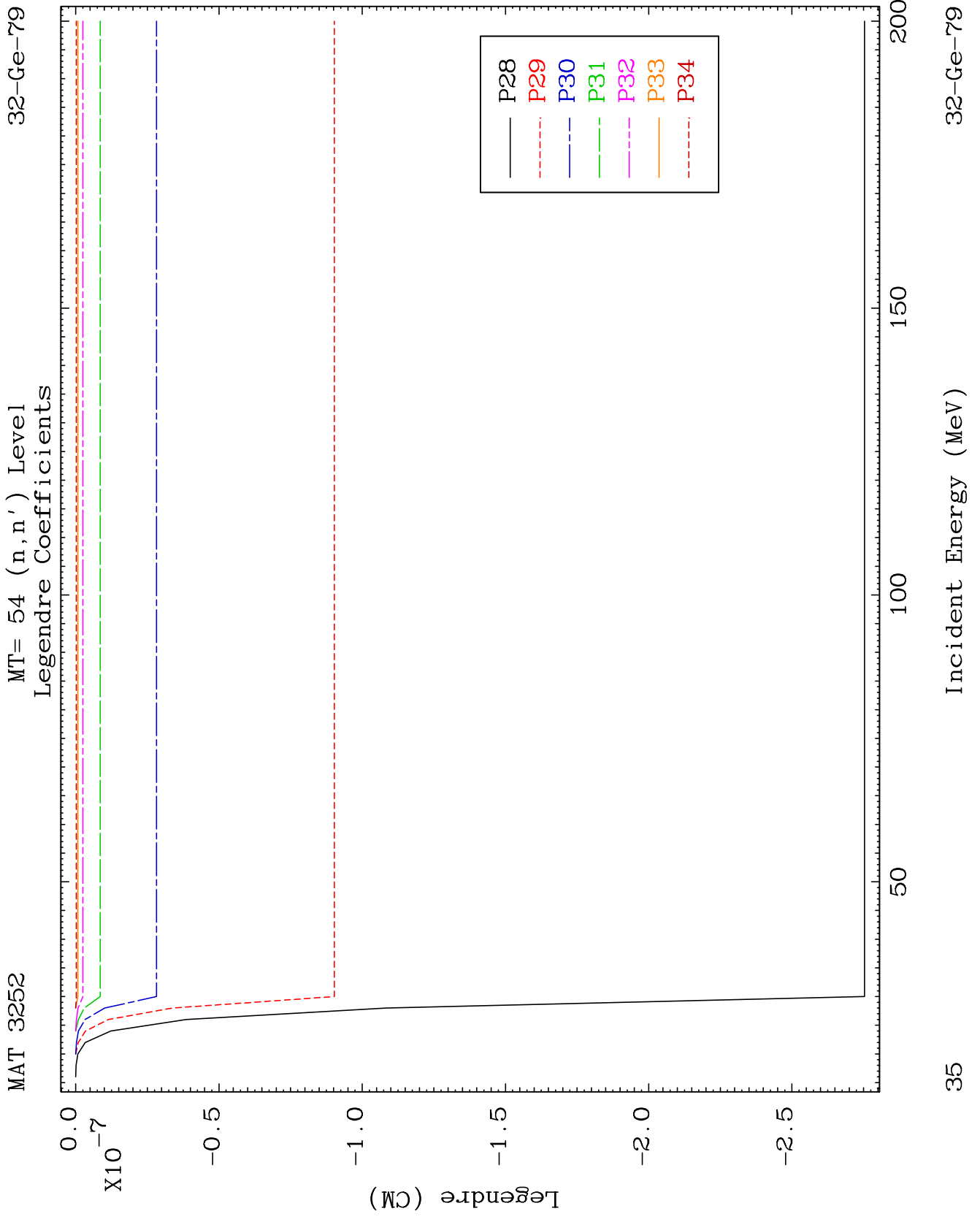


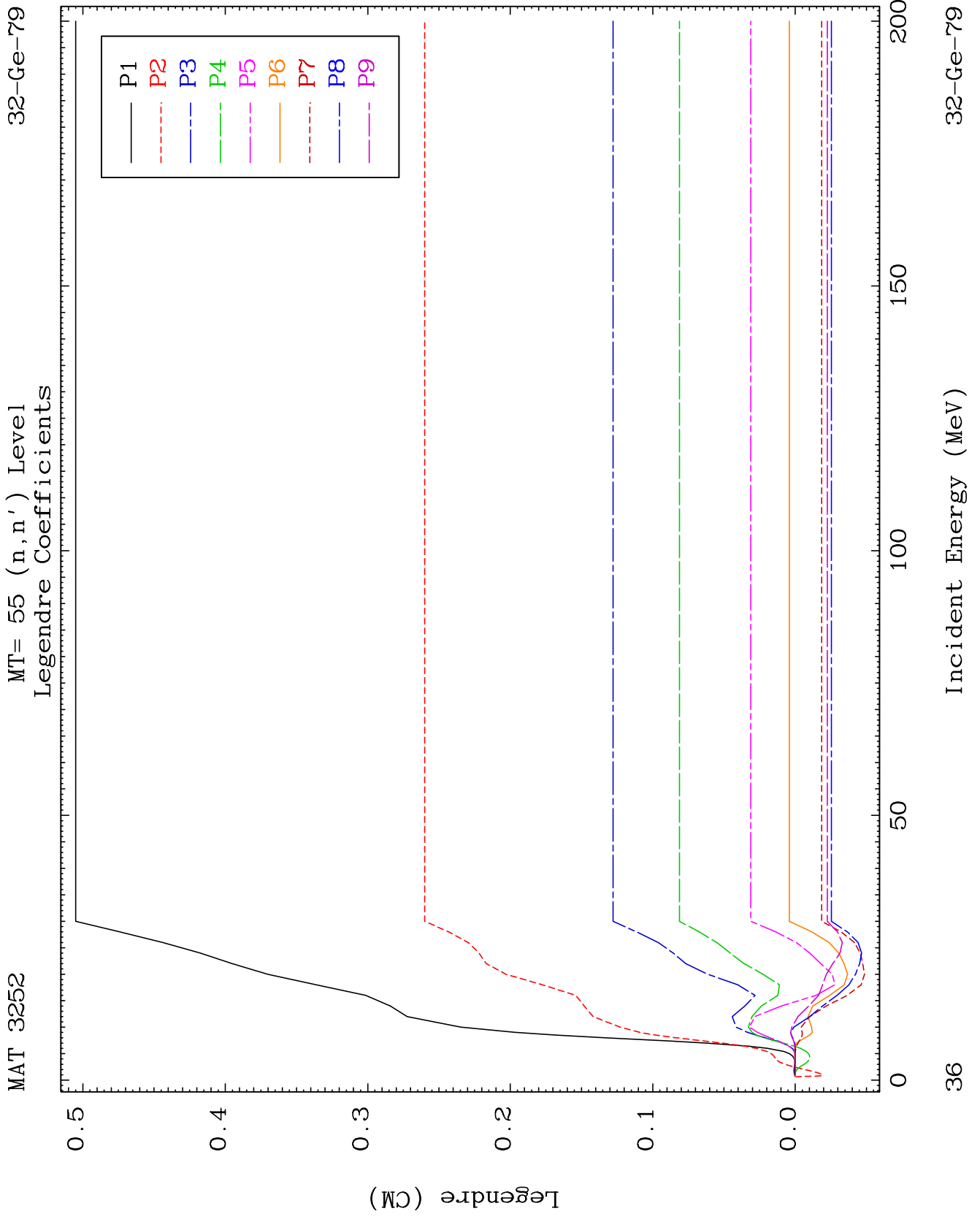
32-Ge-79

Incident Energy (MeV)

32



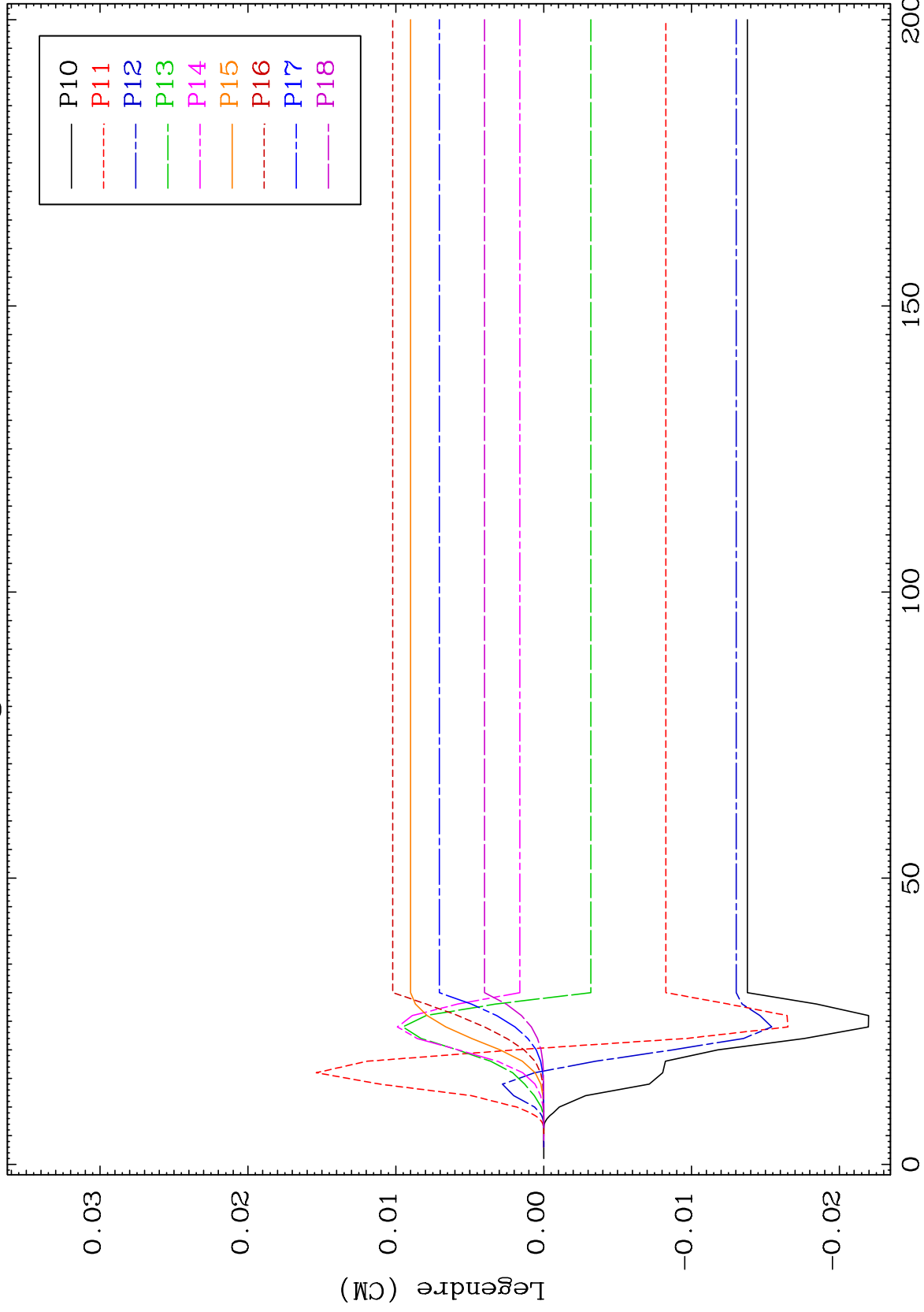




MAT 3252

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

32-Ge-79



37

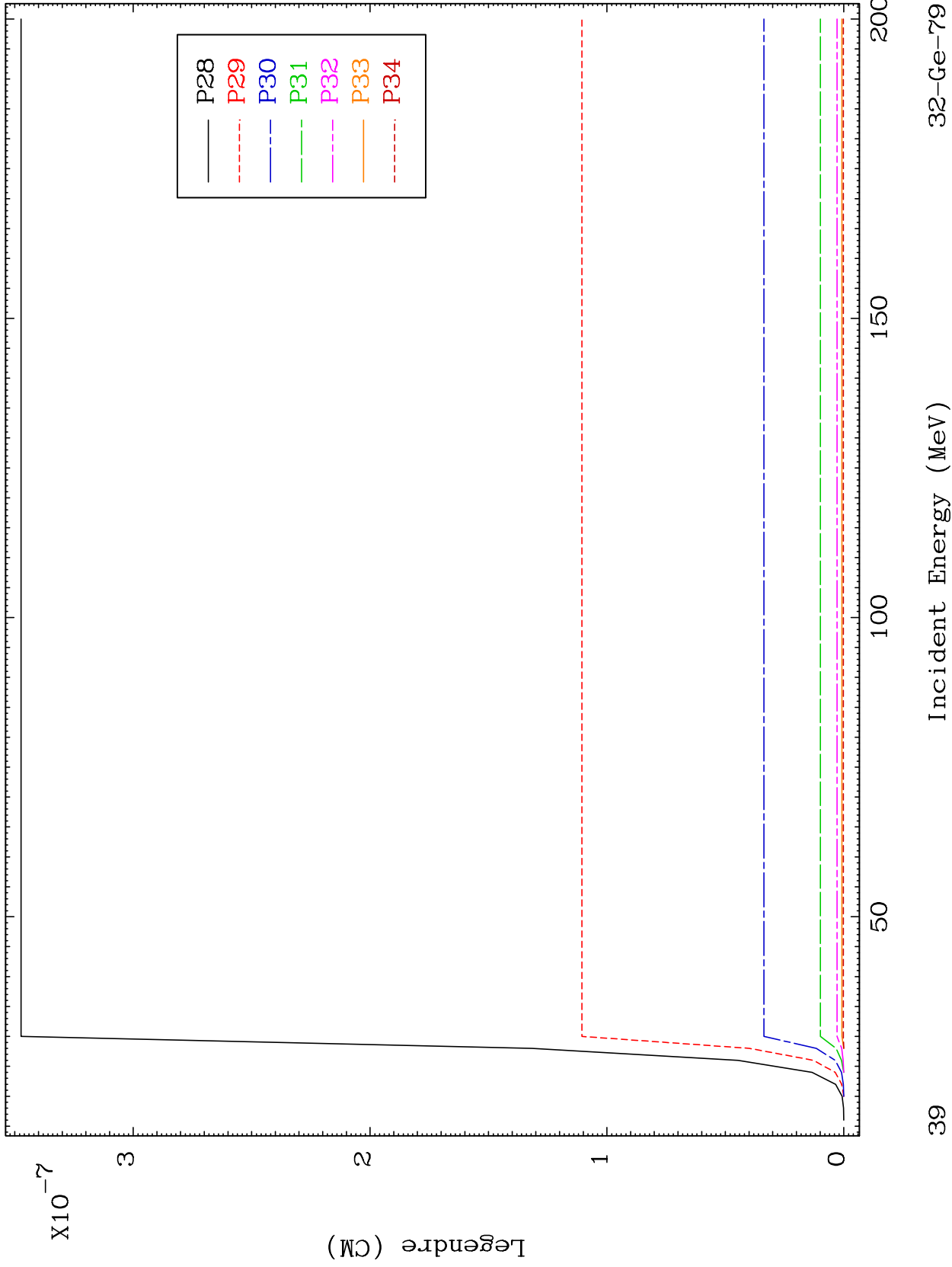
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

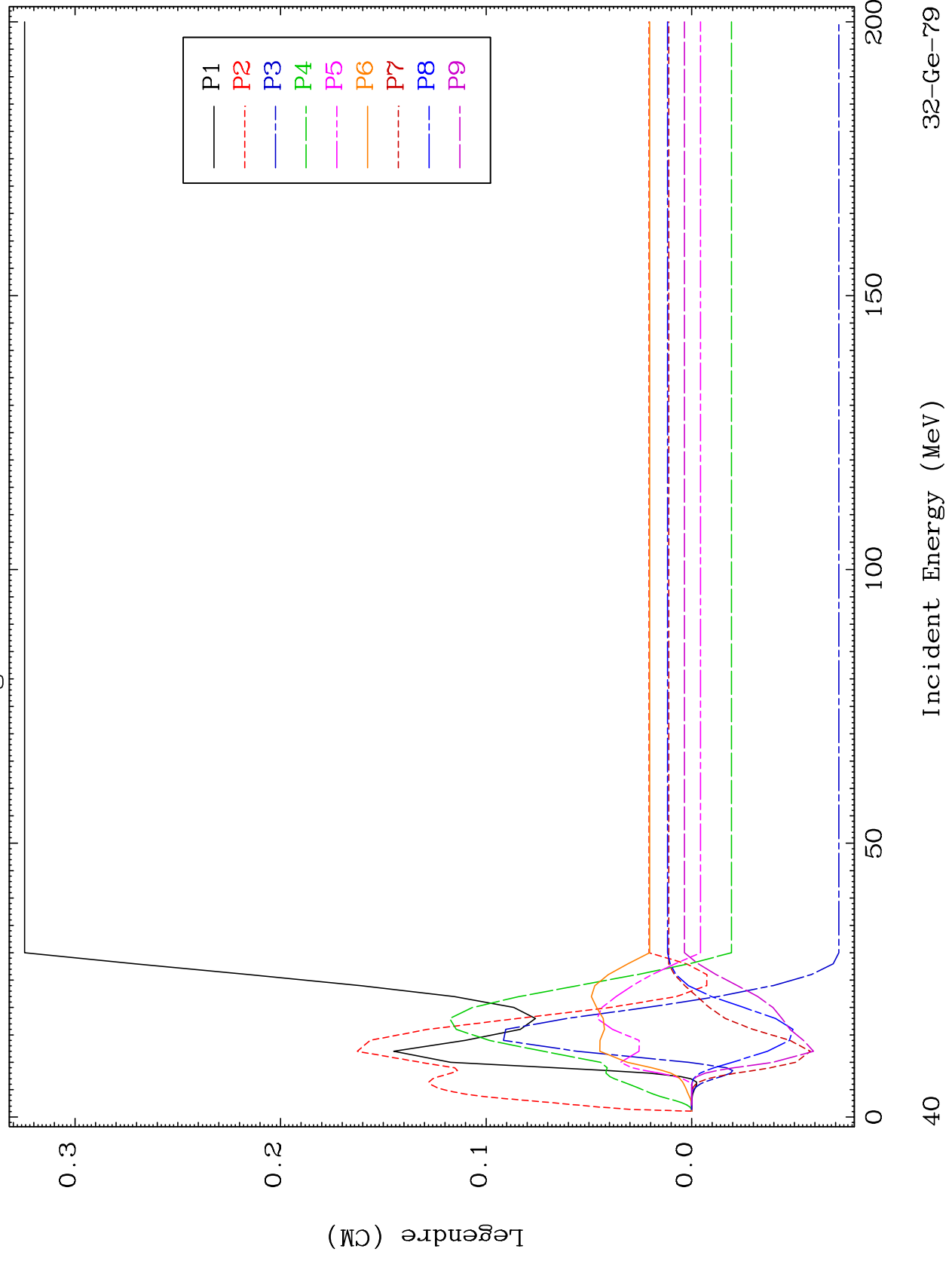
32-Ge-79



MAT 3252

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

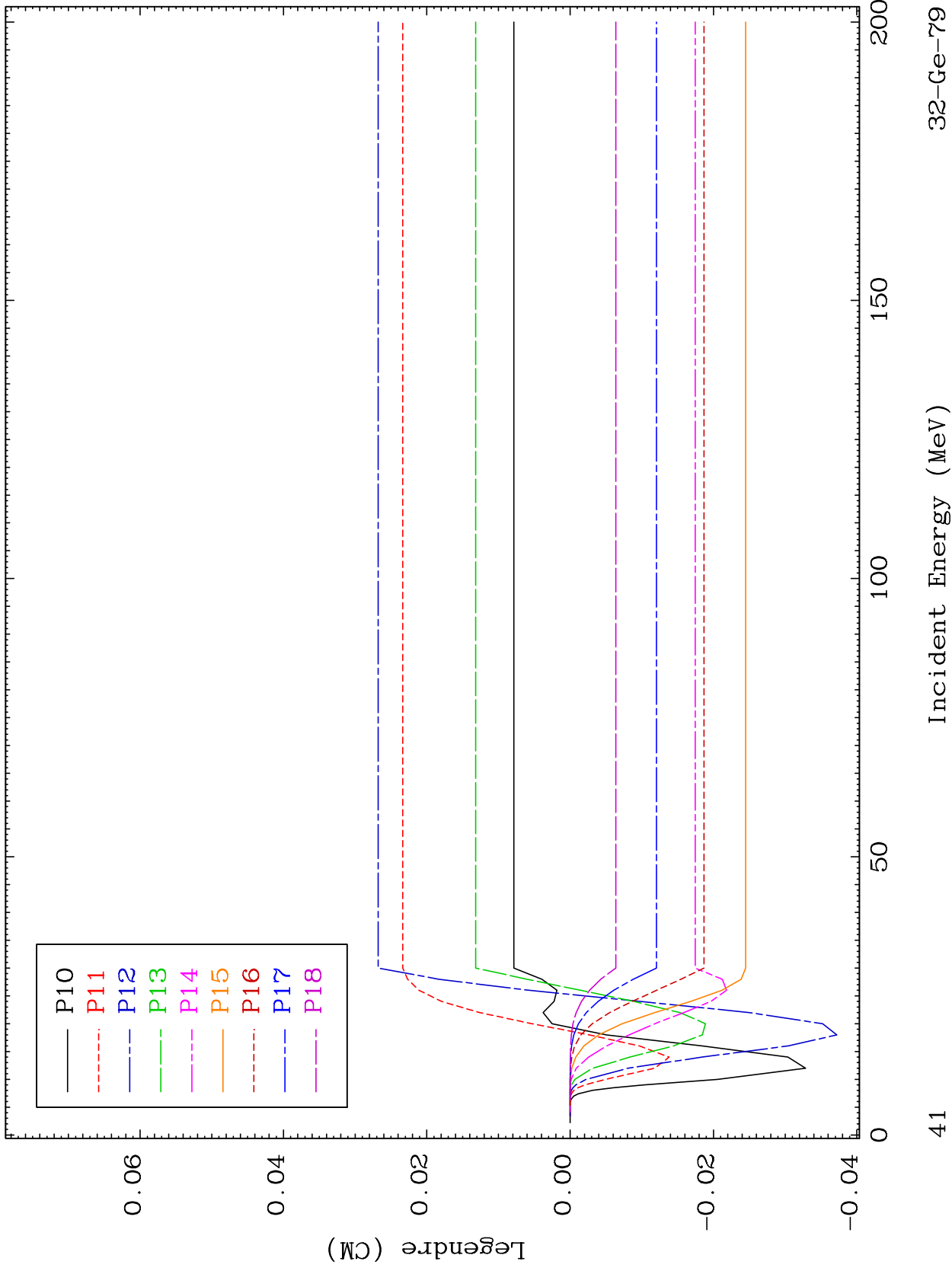
32-Ge-79



MAT 3252

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

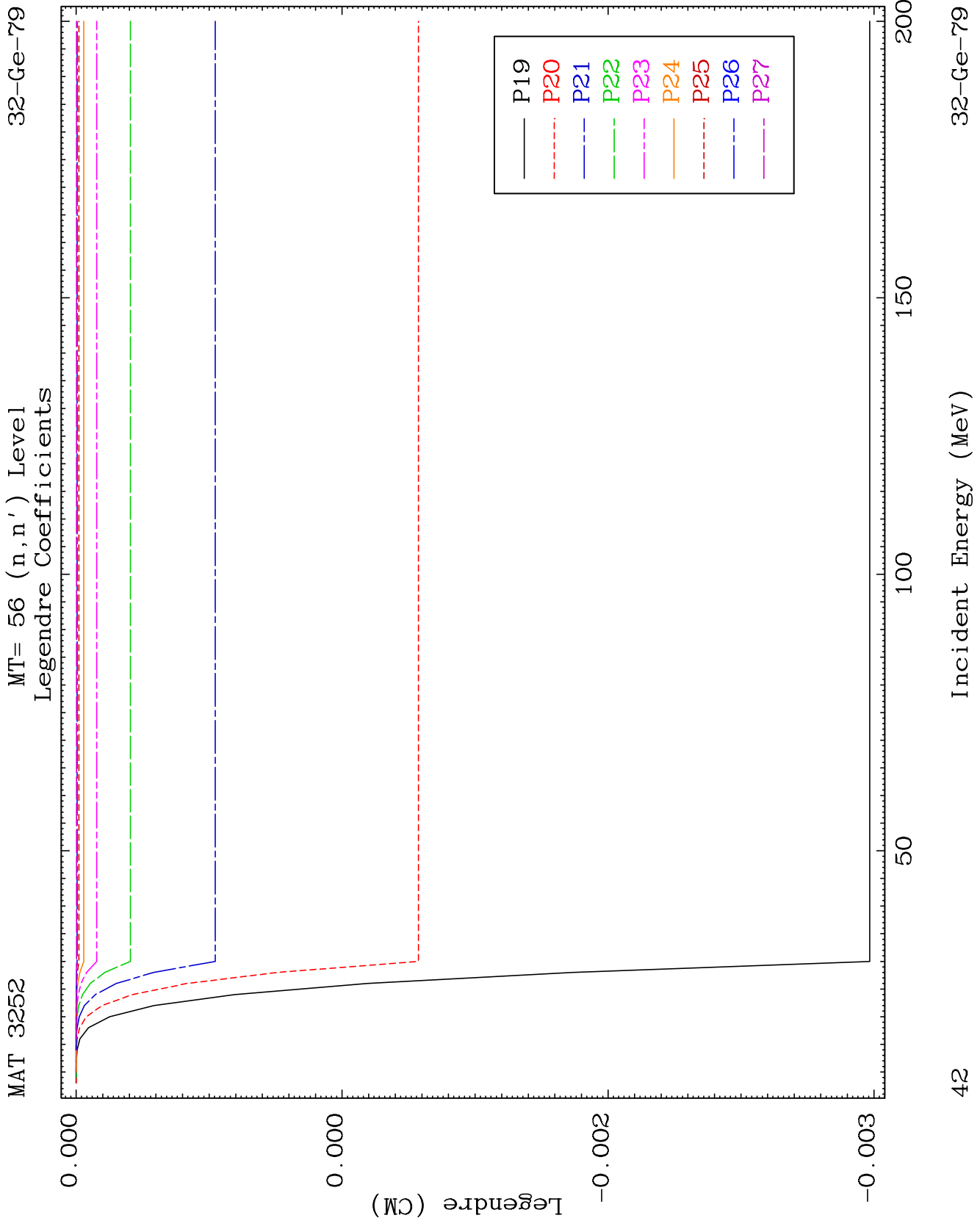
32-Ge-79

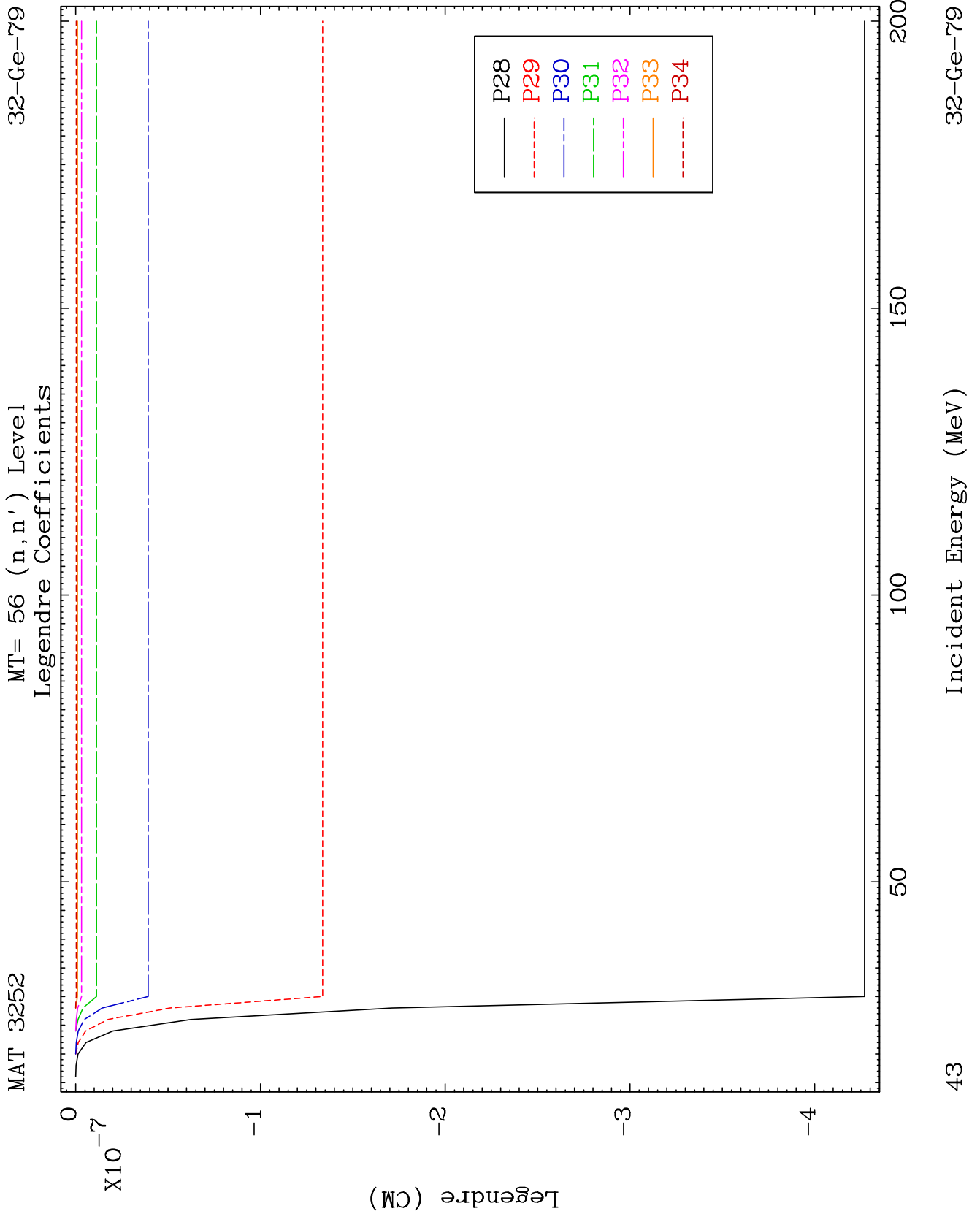


41

Incident Energy (MeV)

32-Ge-79

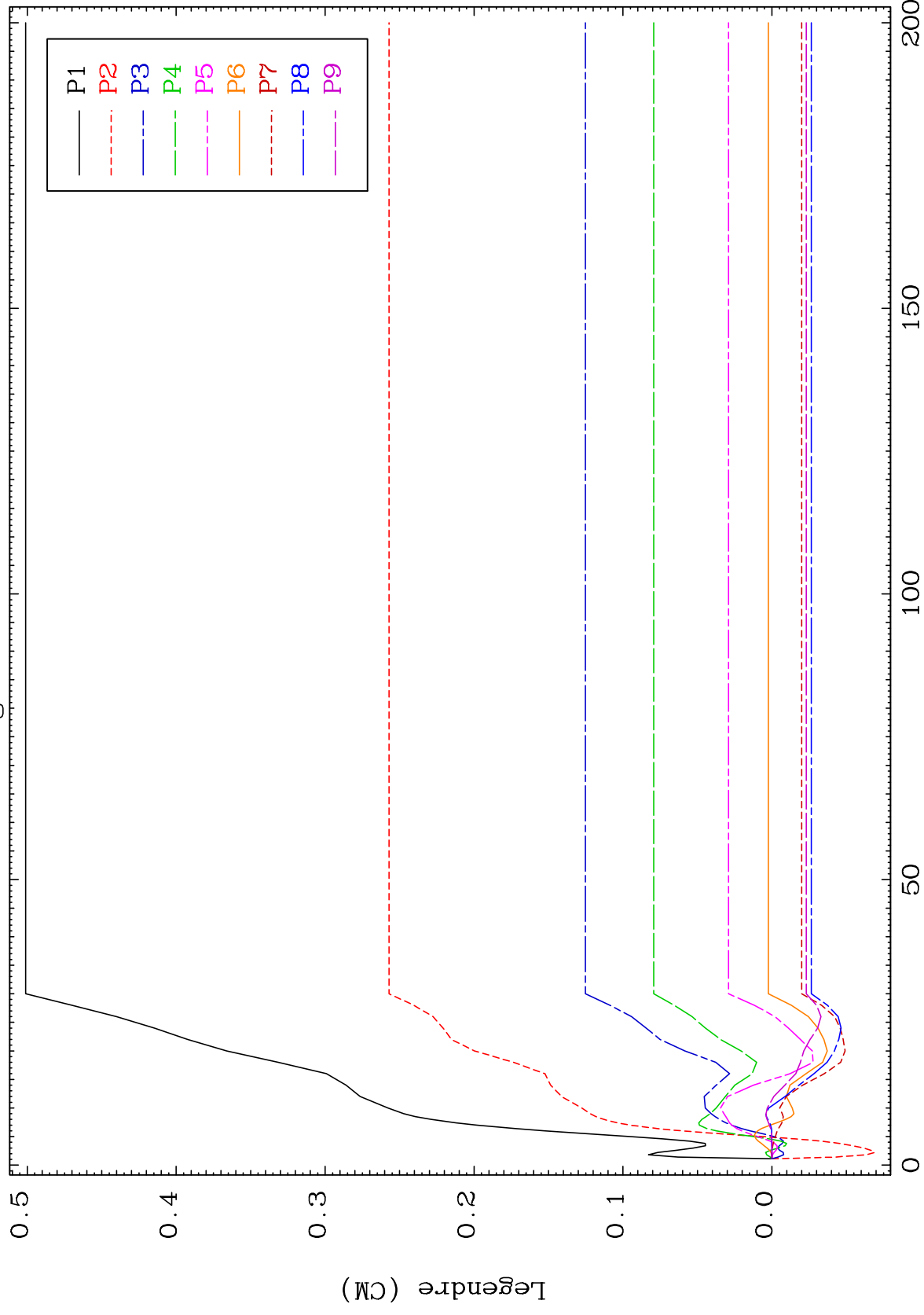




MAT 3252

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

32-Ge-79



32-Ge-79

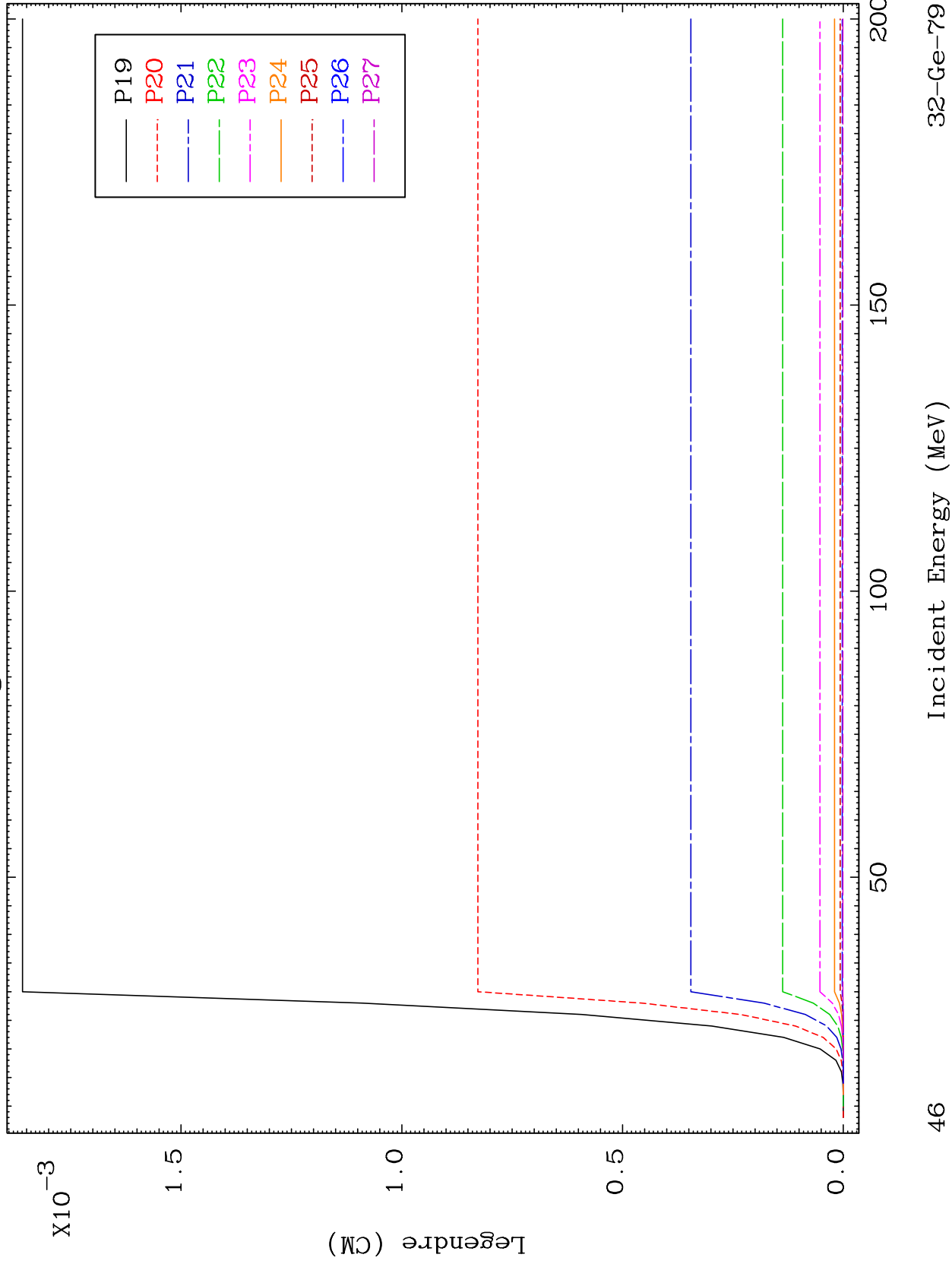
Incident Energy (MeV)

44

MAT 3252

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

32-Ge-79



46

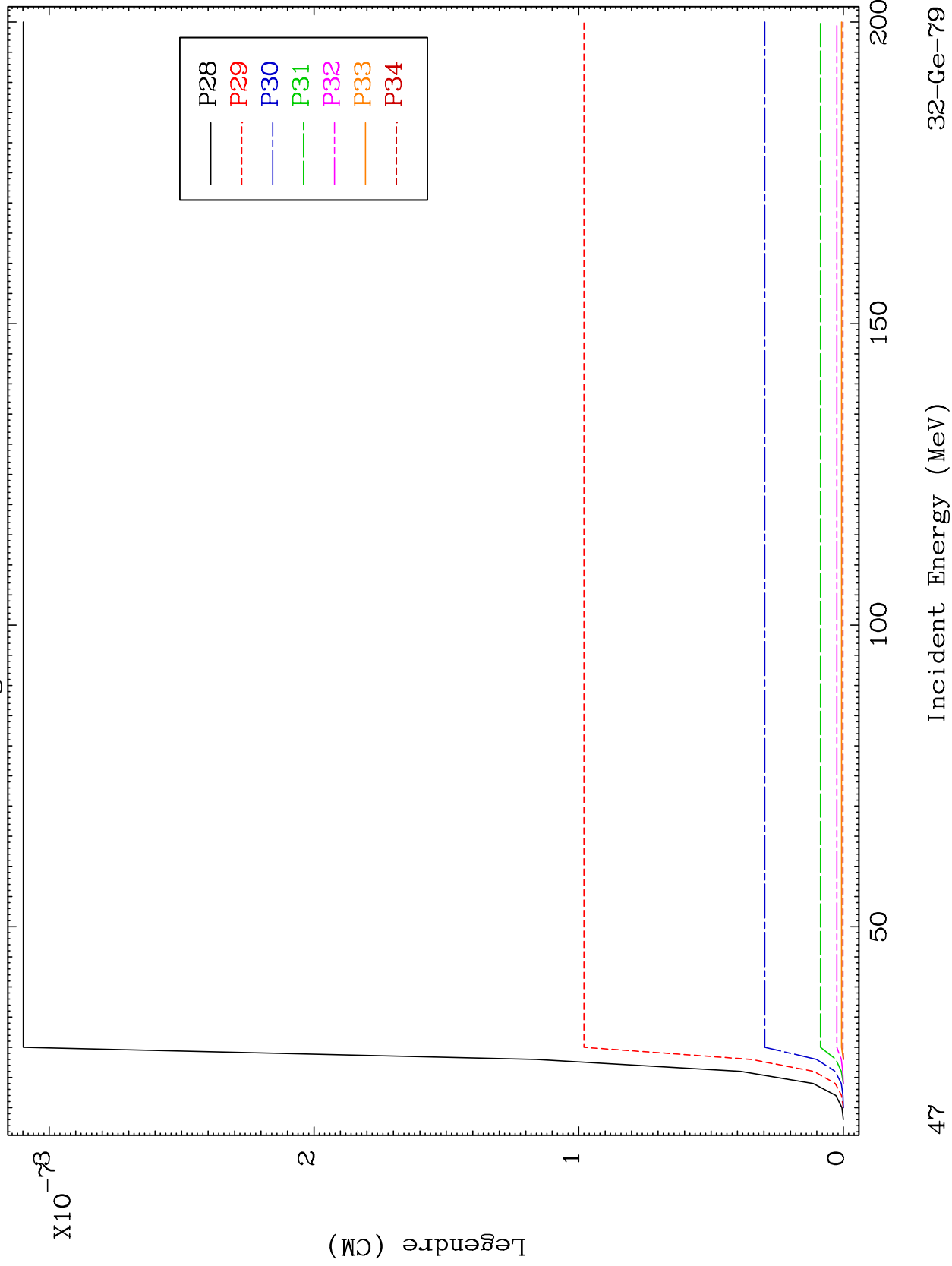
Incident Energy (MeV)

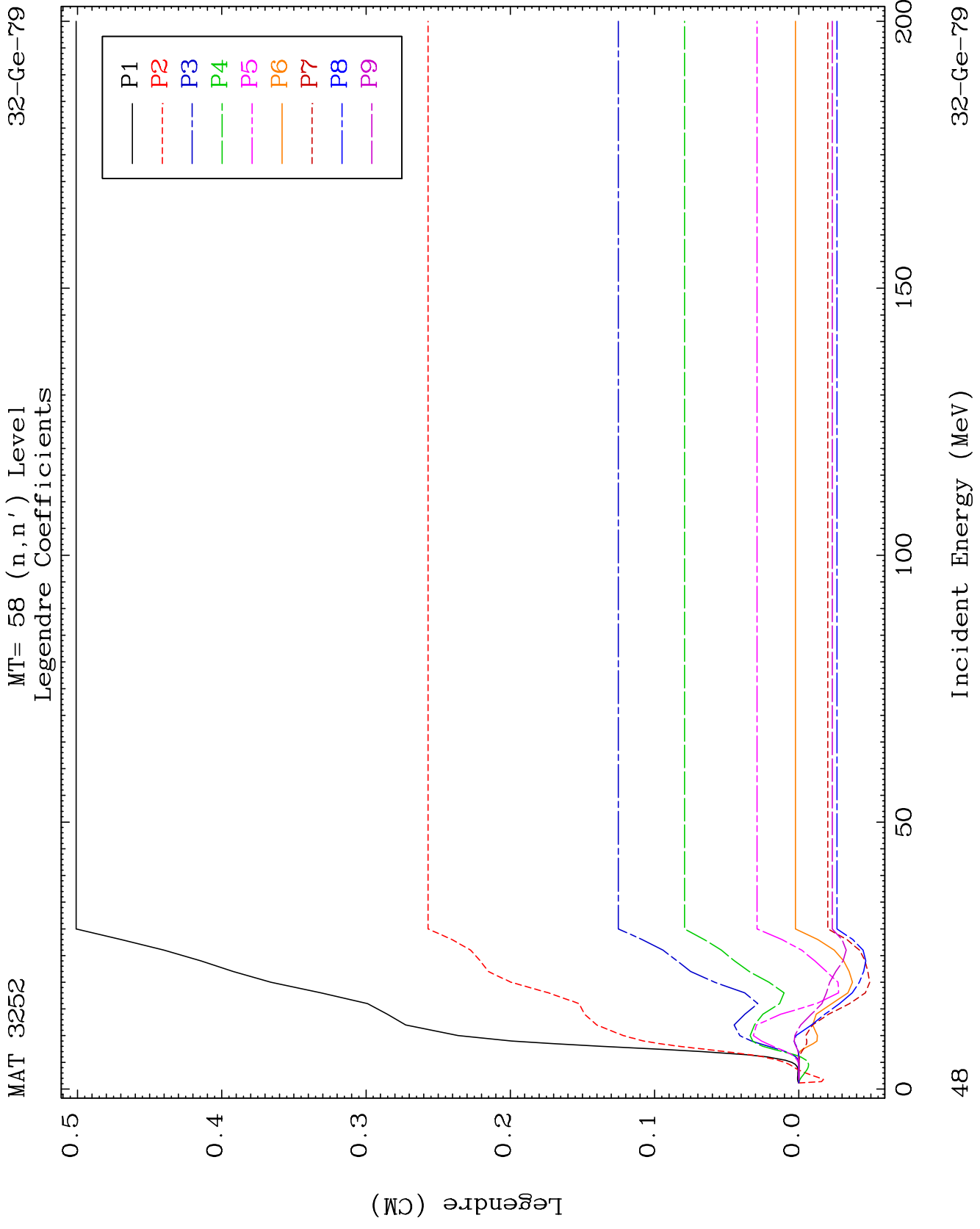
32-Ge-79

MAT 3252

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

32-Ge-79

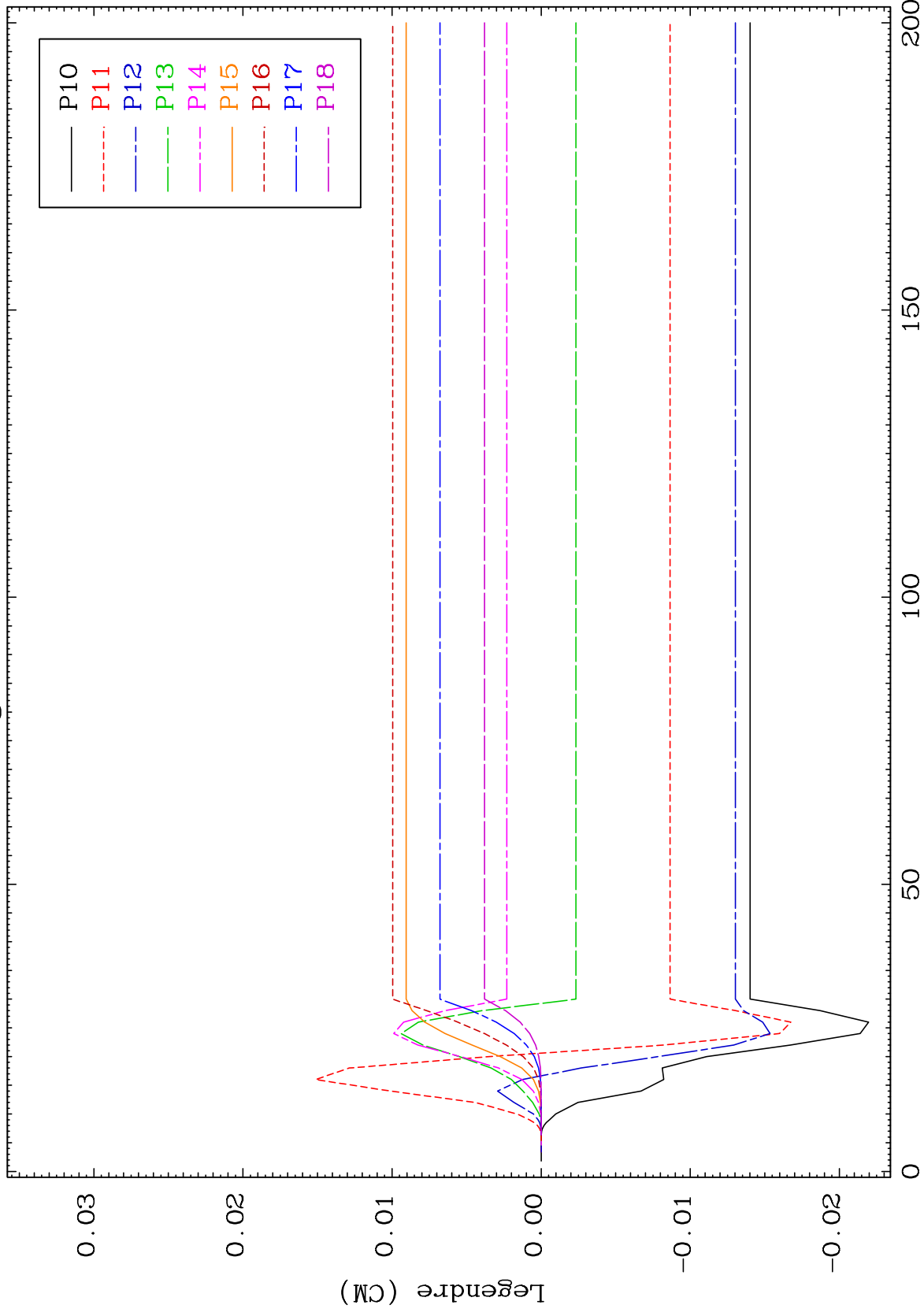




MAT 3252

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

32-Ge-79



49

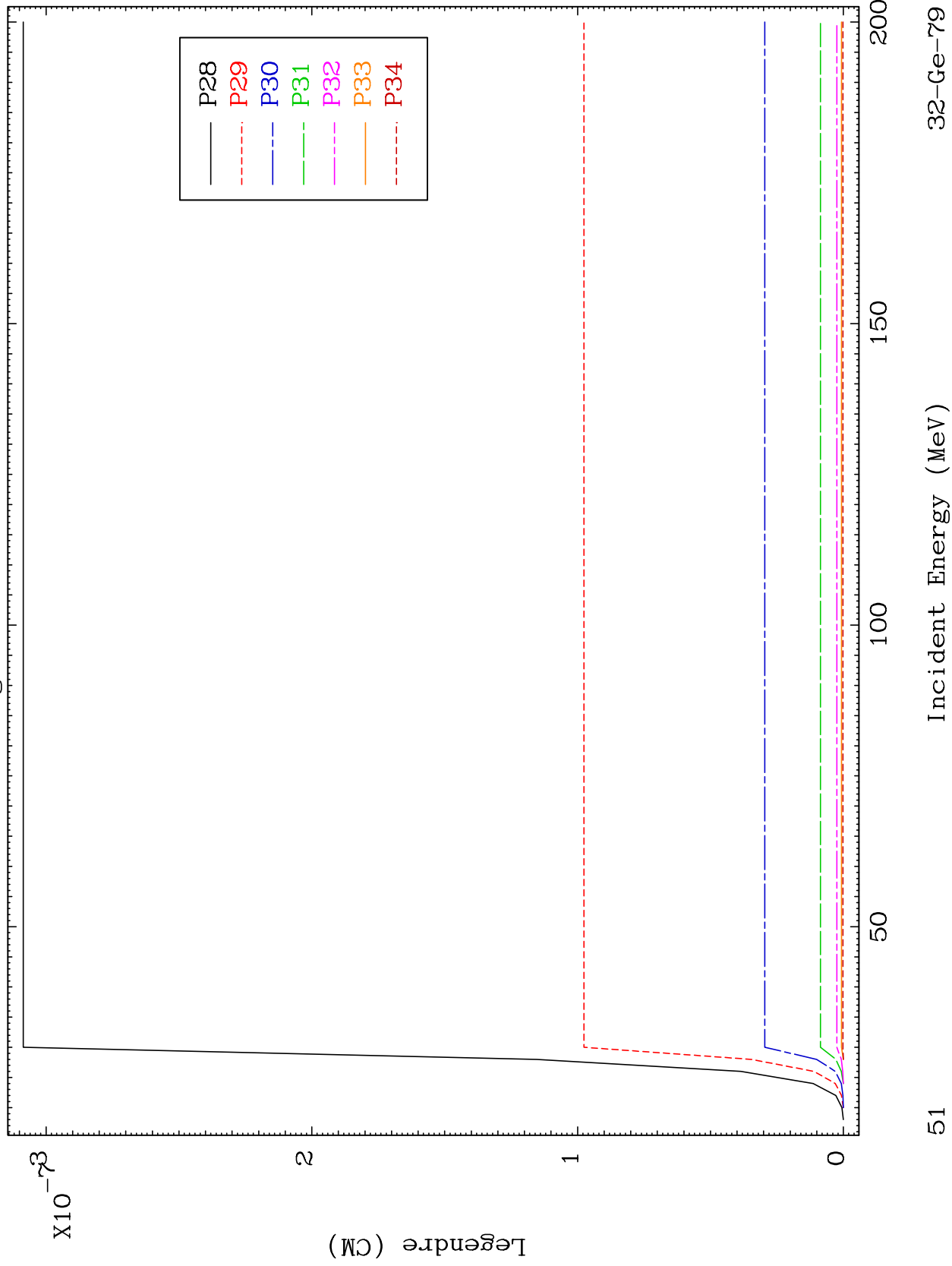
Incident Energy (MeV)

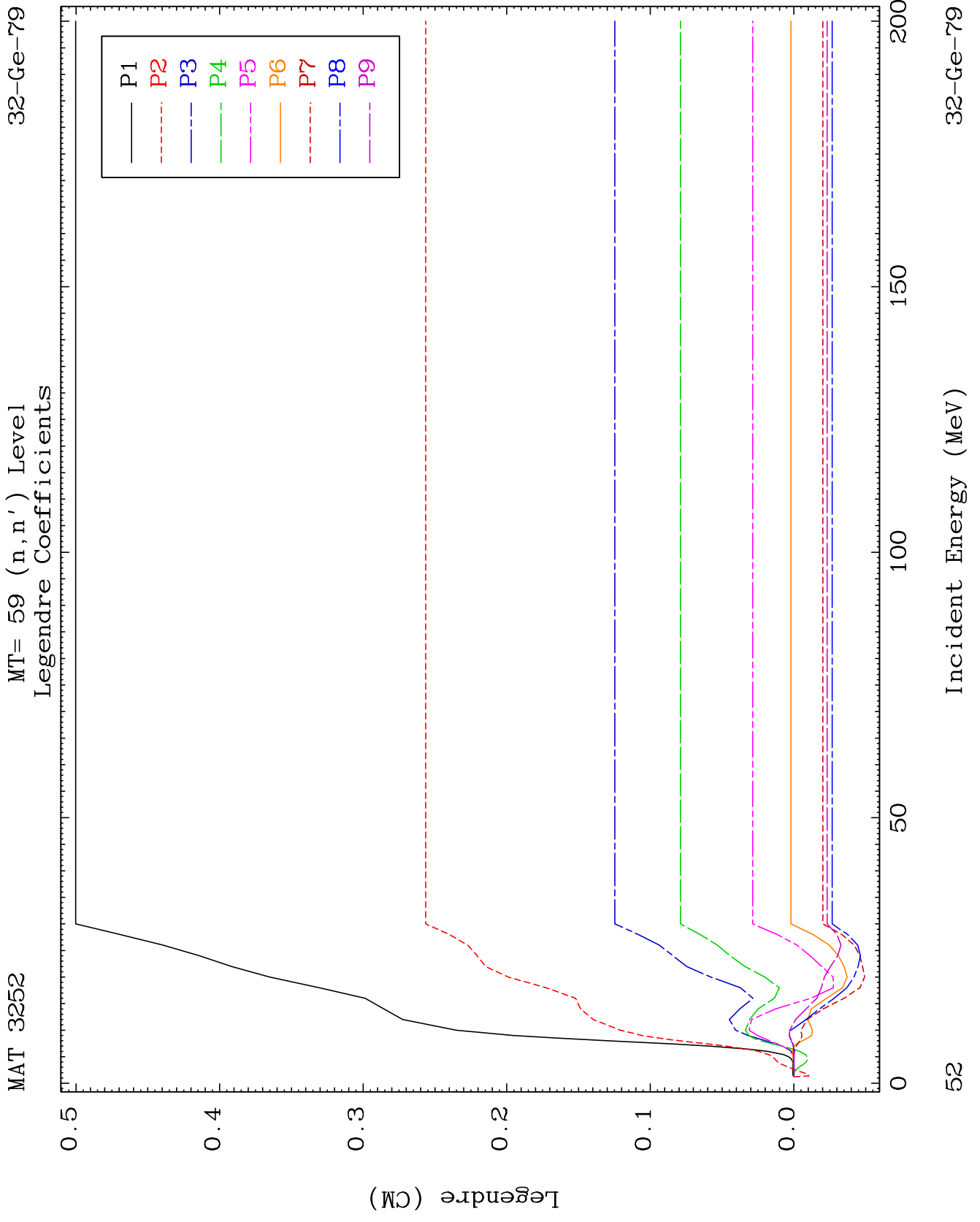
32-Ge-79

MAT 3252

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

32-Ge-79

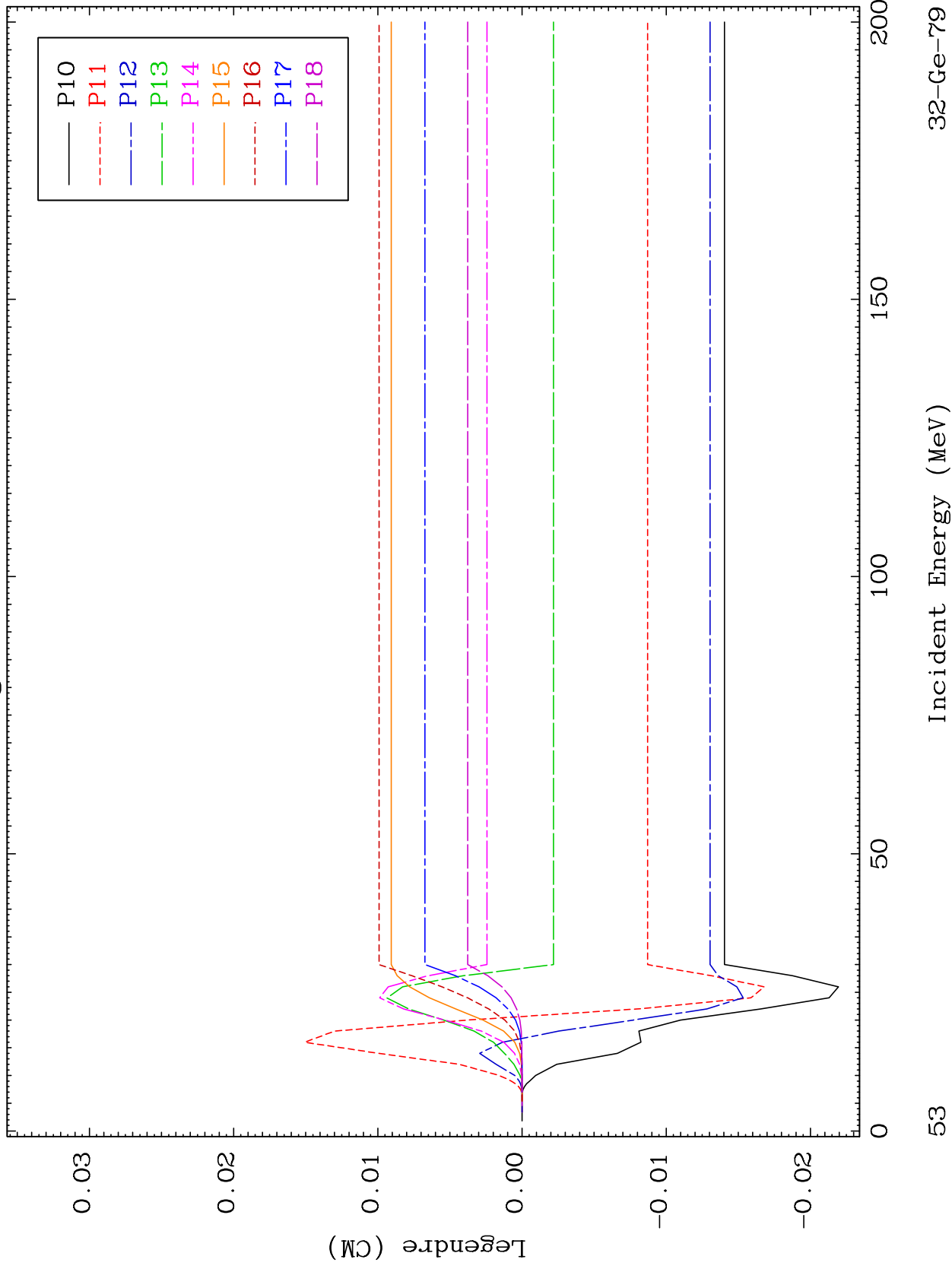




MAT 3252

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

32-Ge-79



53

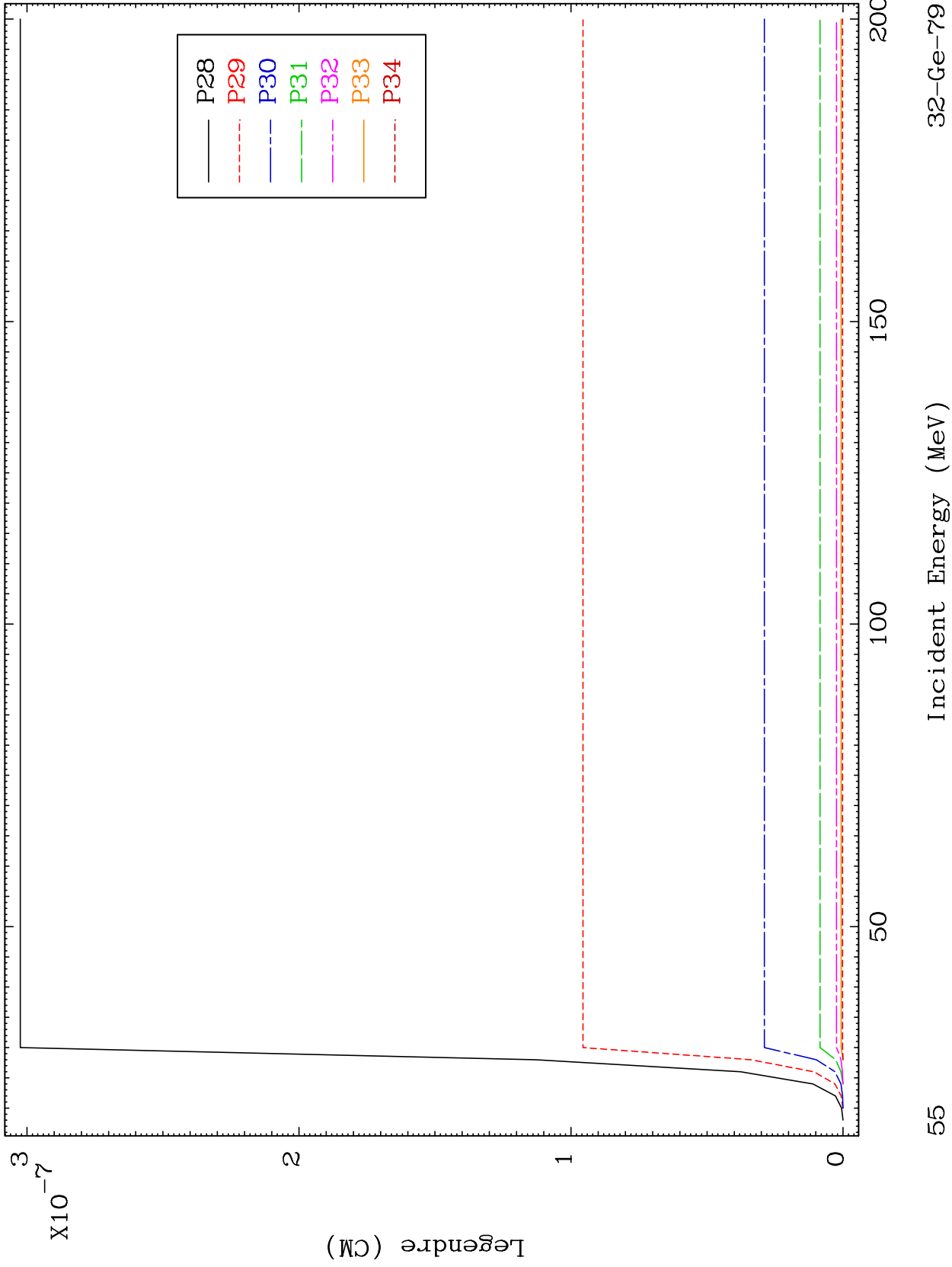
Incident Energy (MeV)

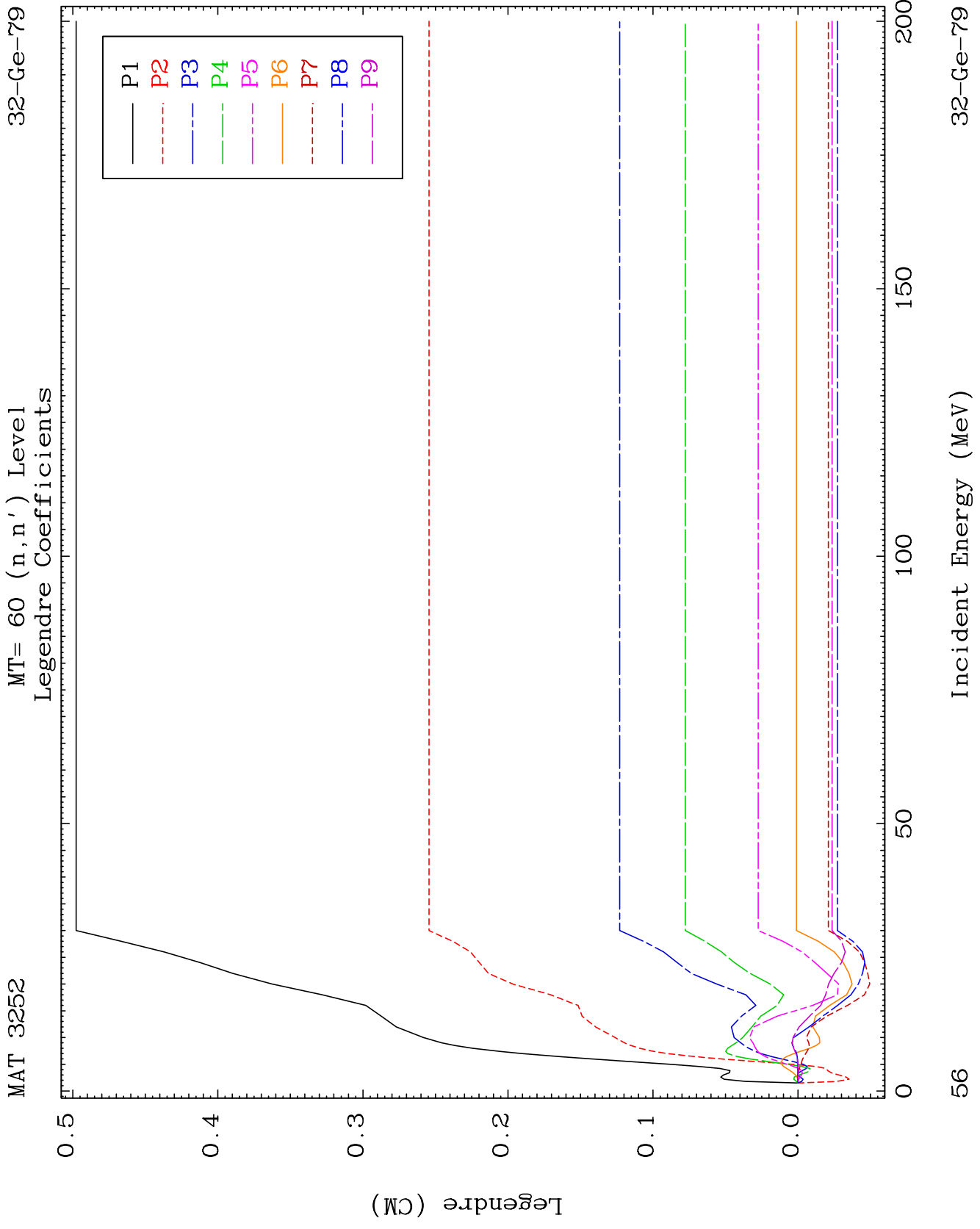
32-Ge-79

MAT 3252

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

32-Ge-79

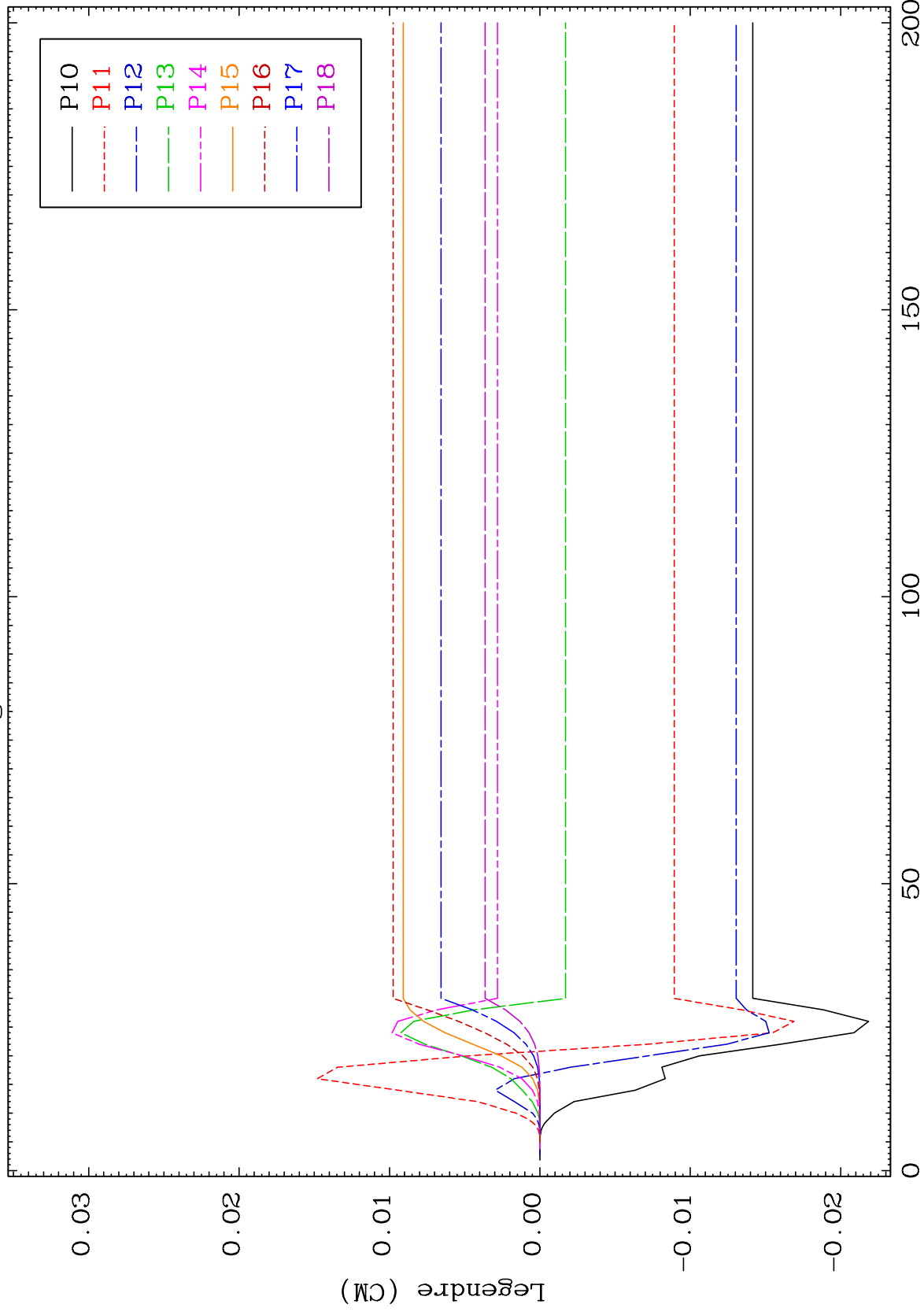




MAT 3252

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

32-Ge-79



57

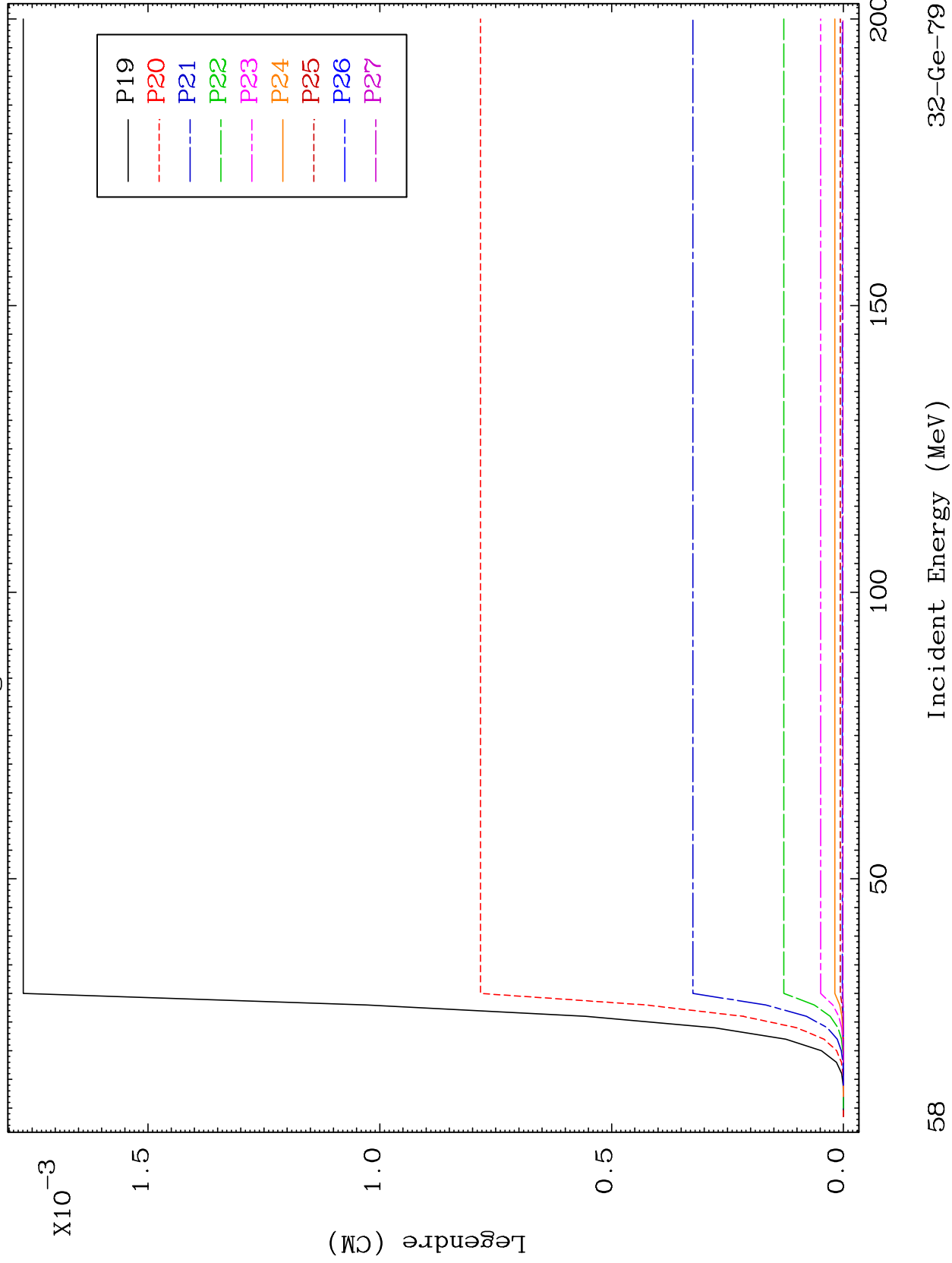
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



58

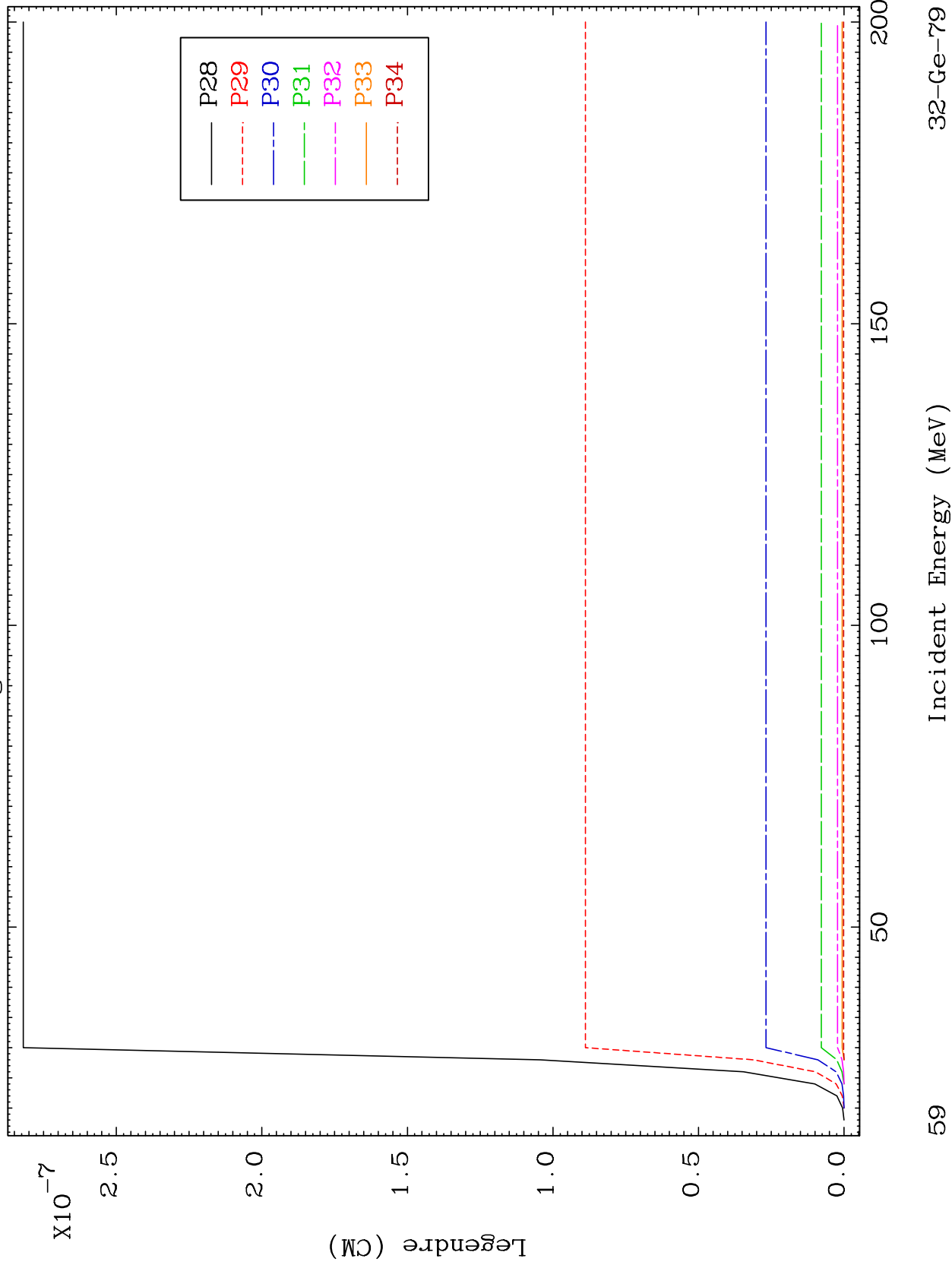
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

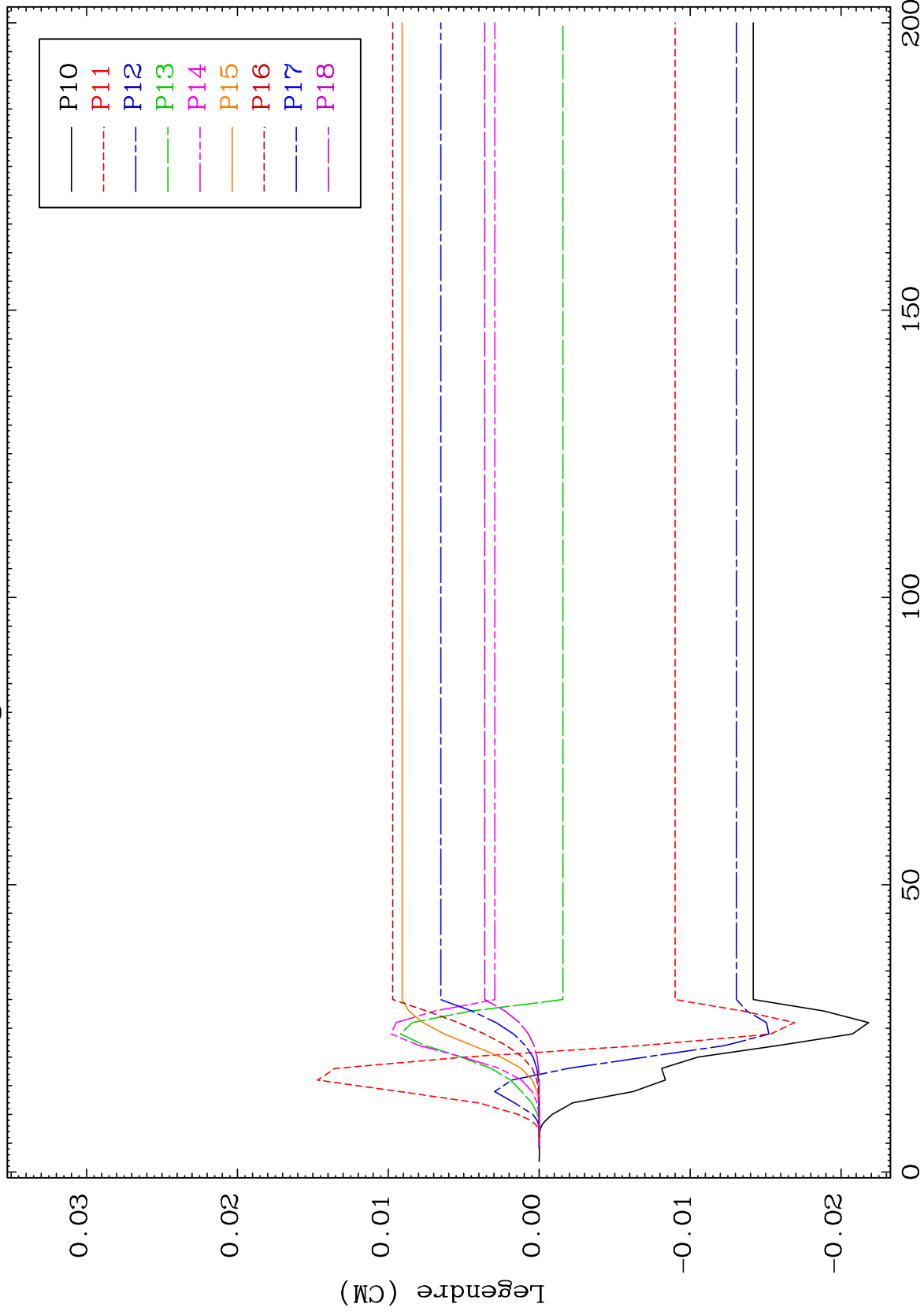
32-Ge-79



MAT 3252

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

32-Ge-79



61

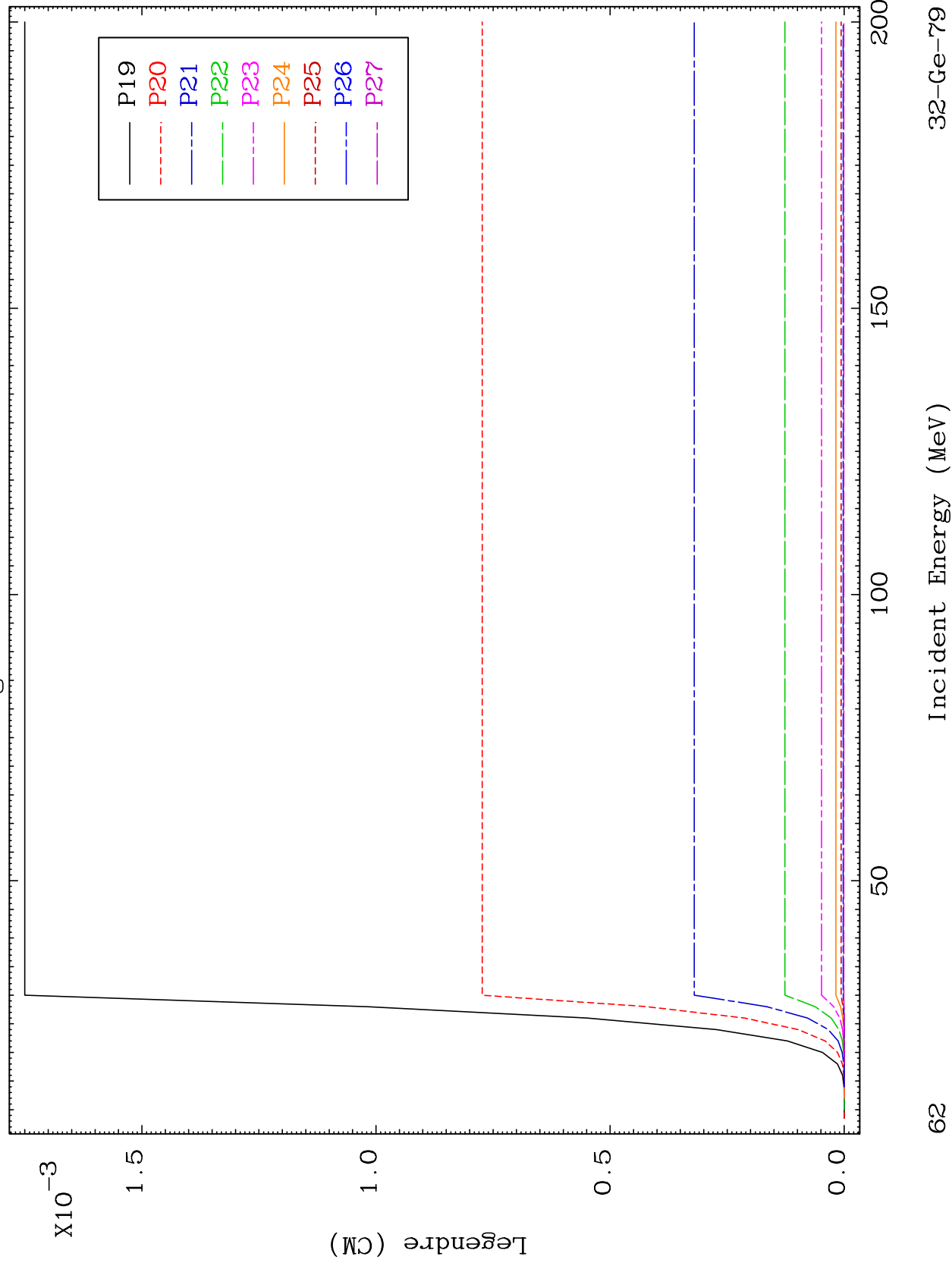
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

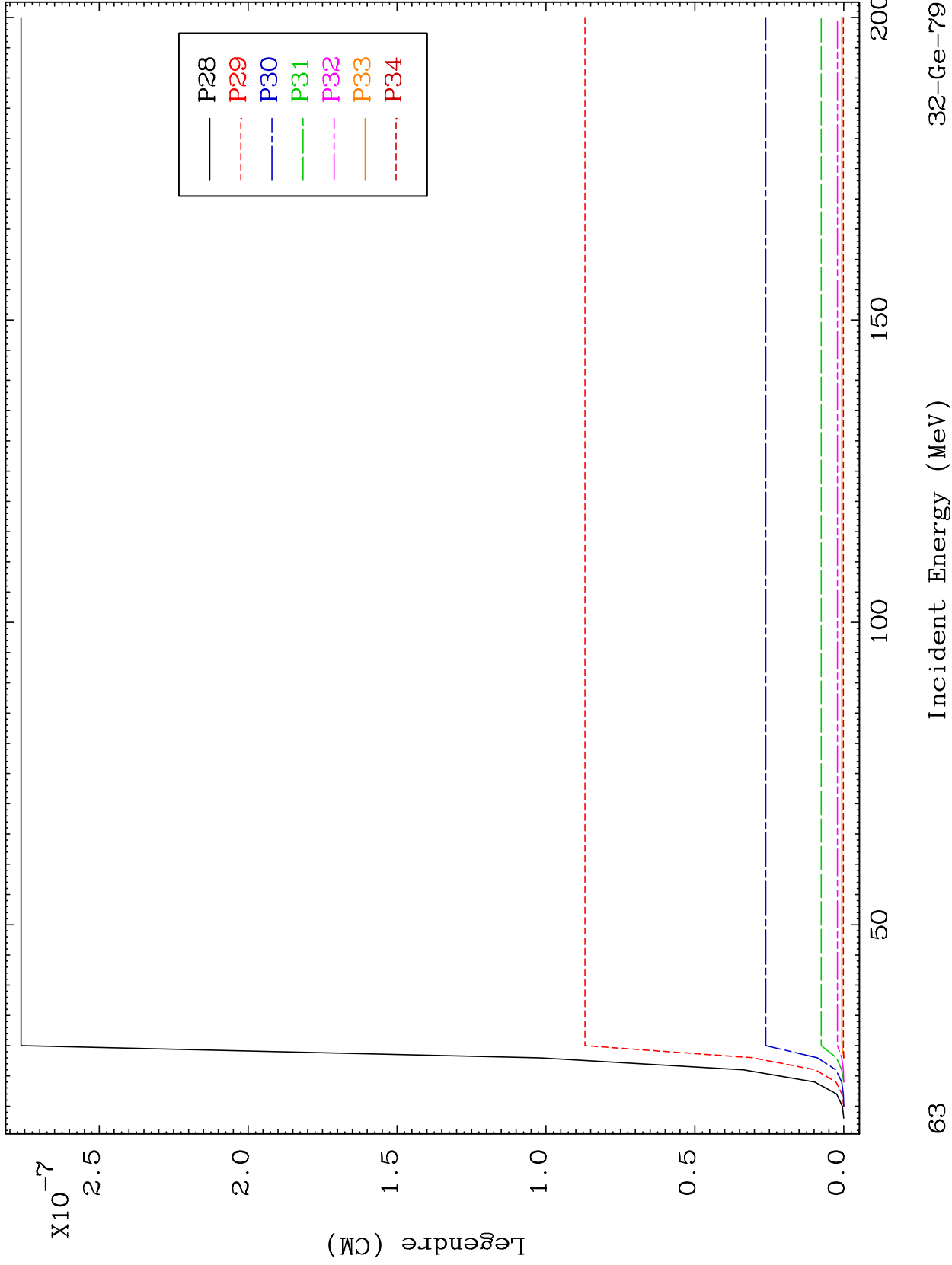
32-Ge-79



MAT 3252

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

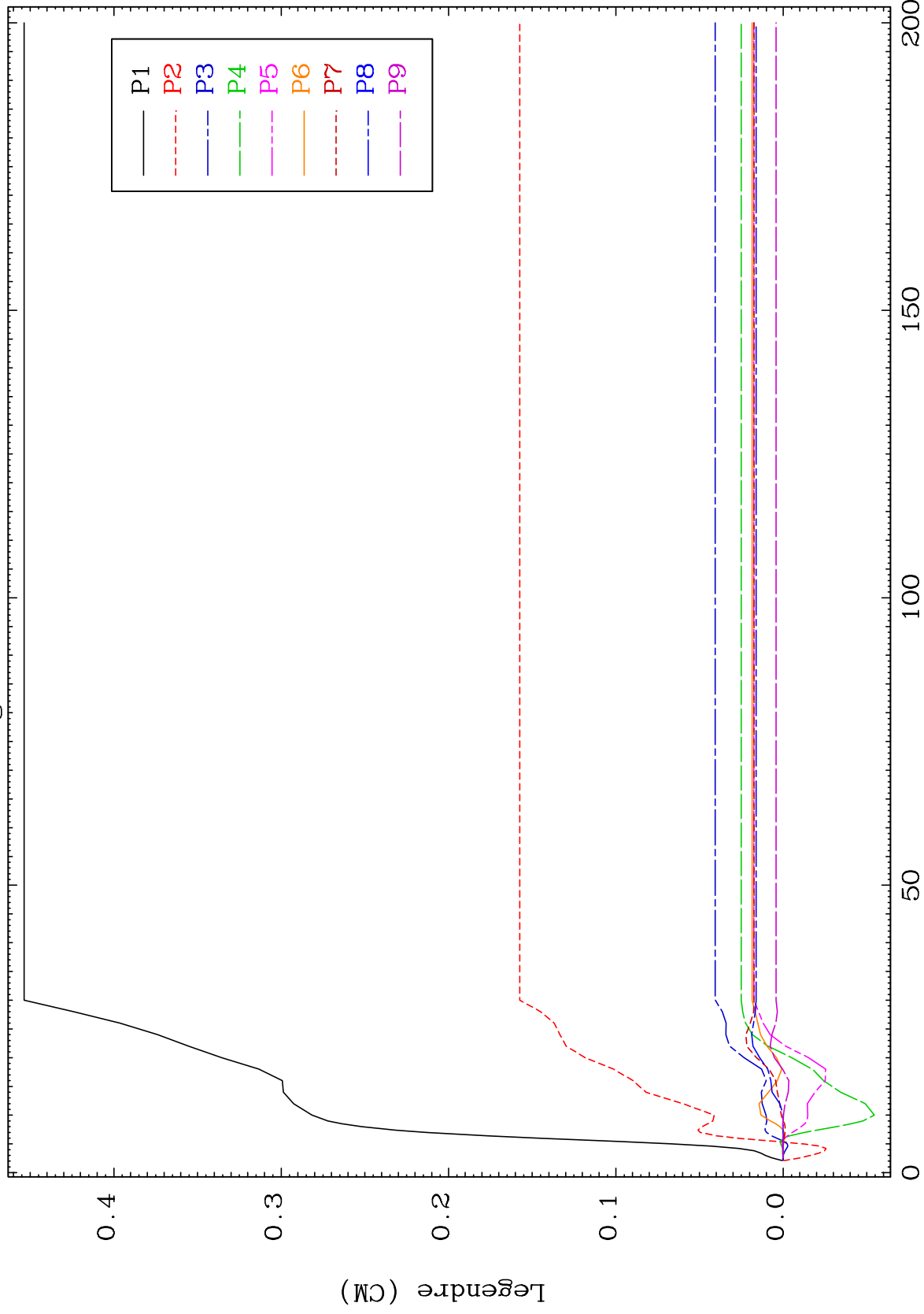
32-Ge-79



MAT 3252

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

32-Ge-79



64

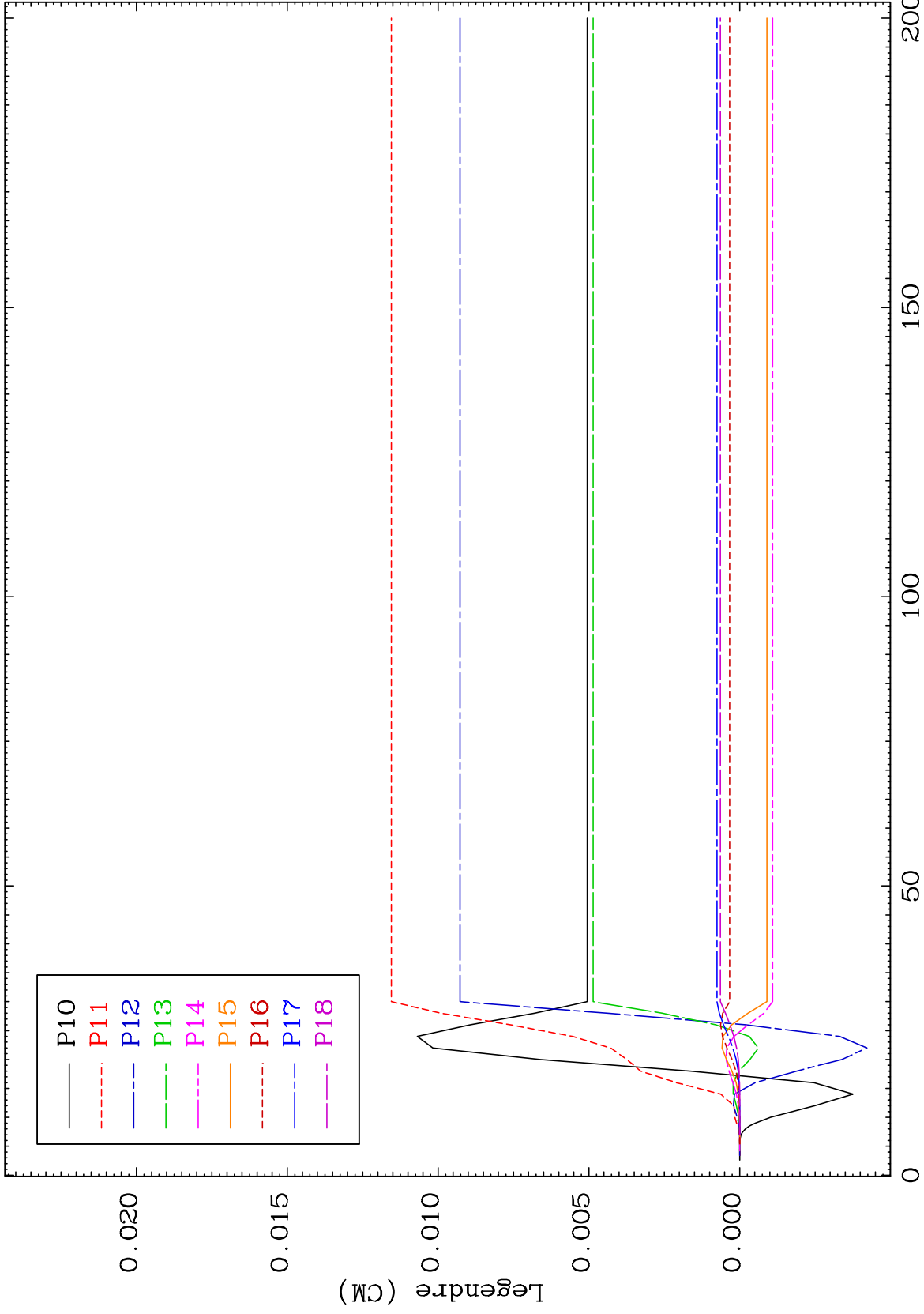
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



65

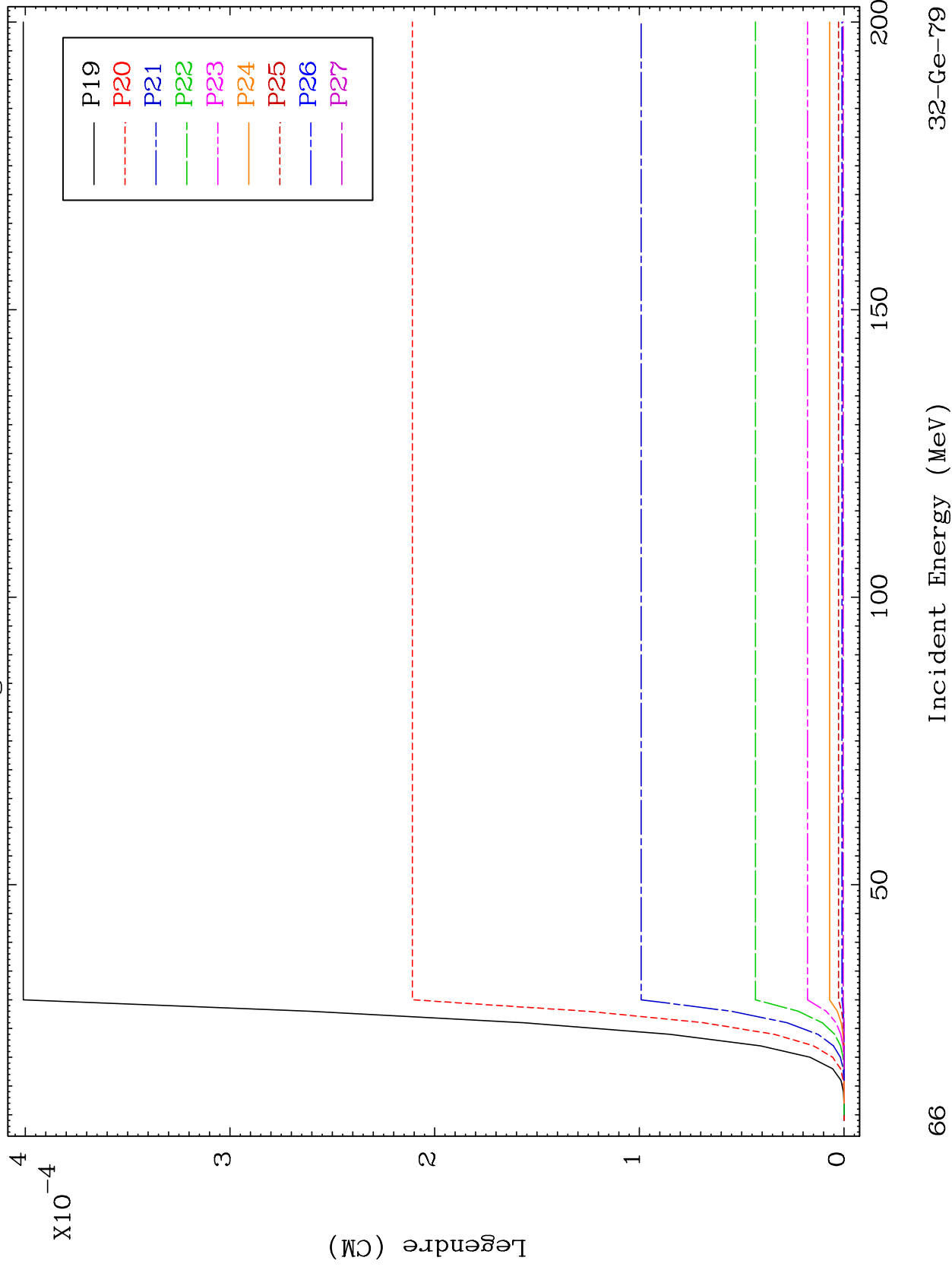
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

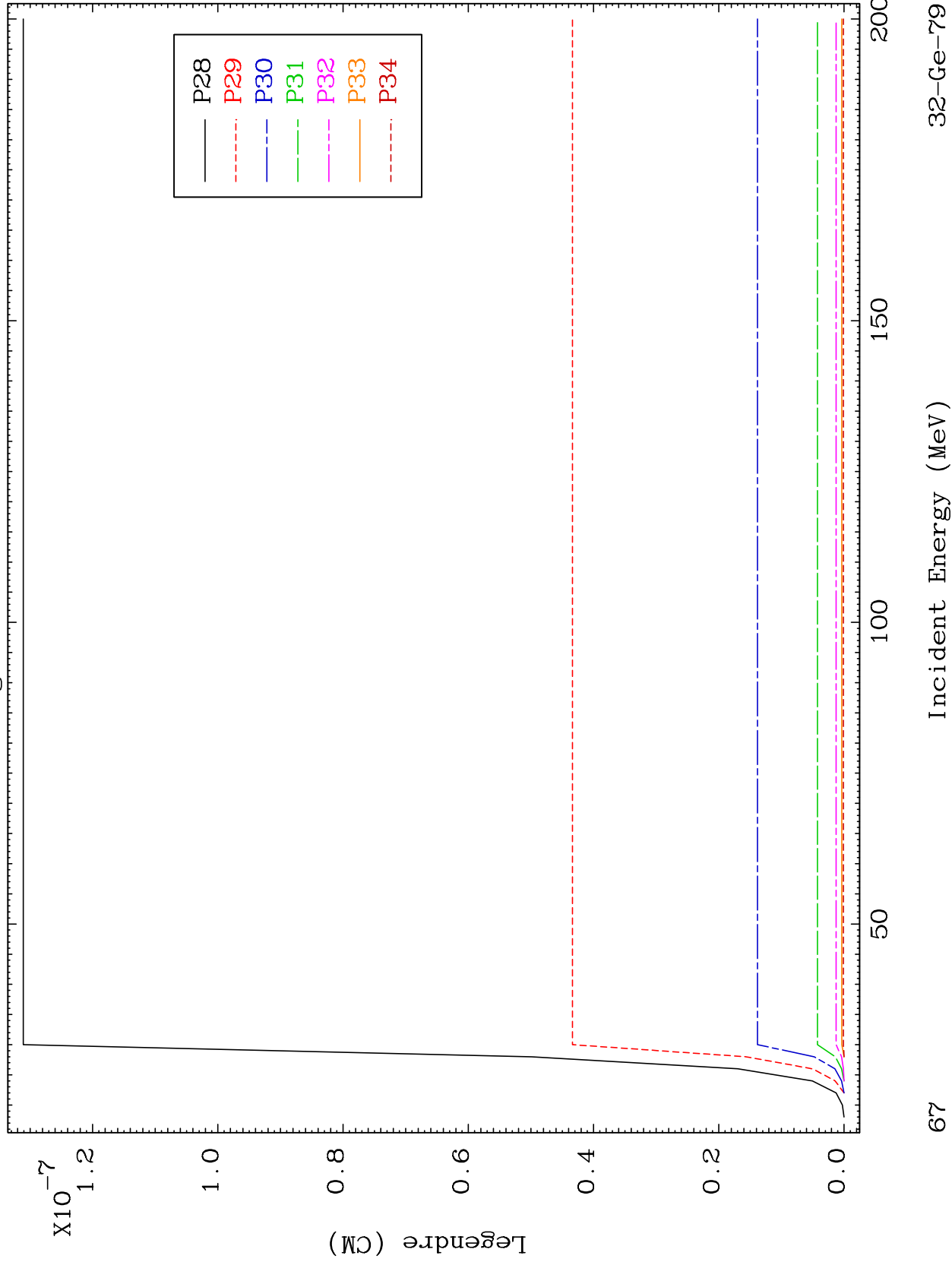
32-Ge-79



MAT 3252

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

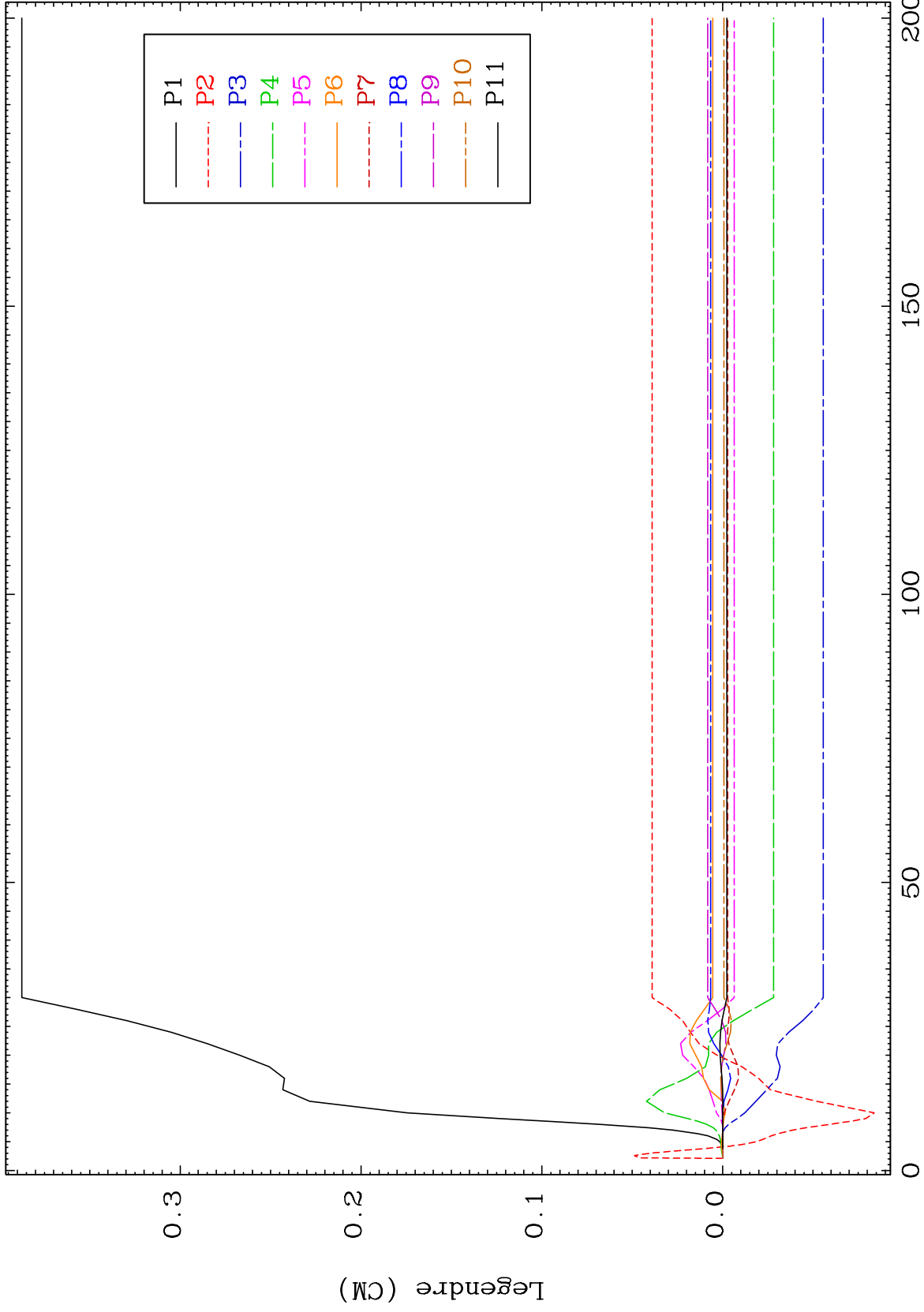
32-Ge-79



MAT 3252

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

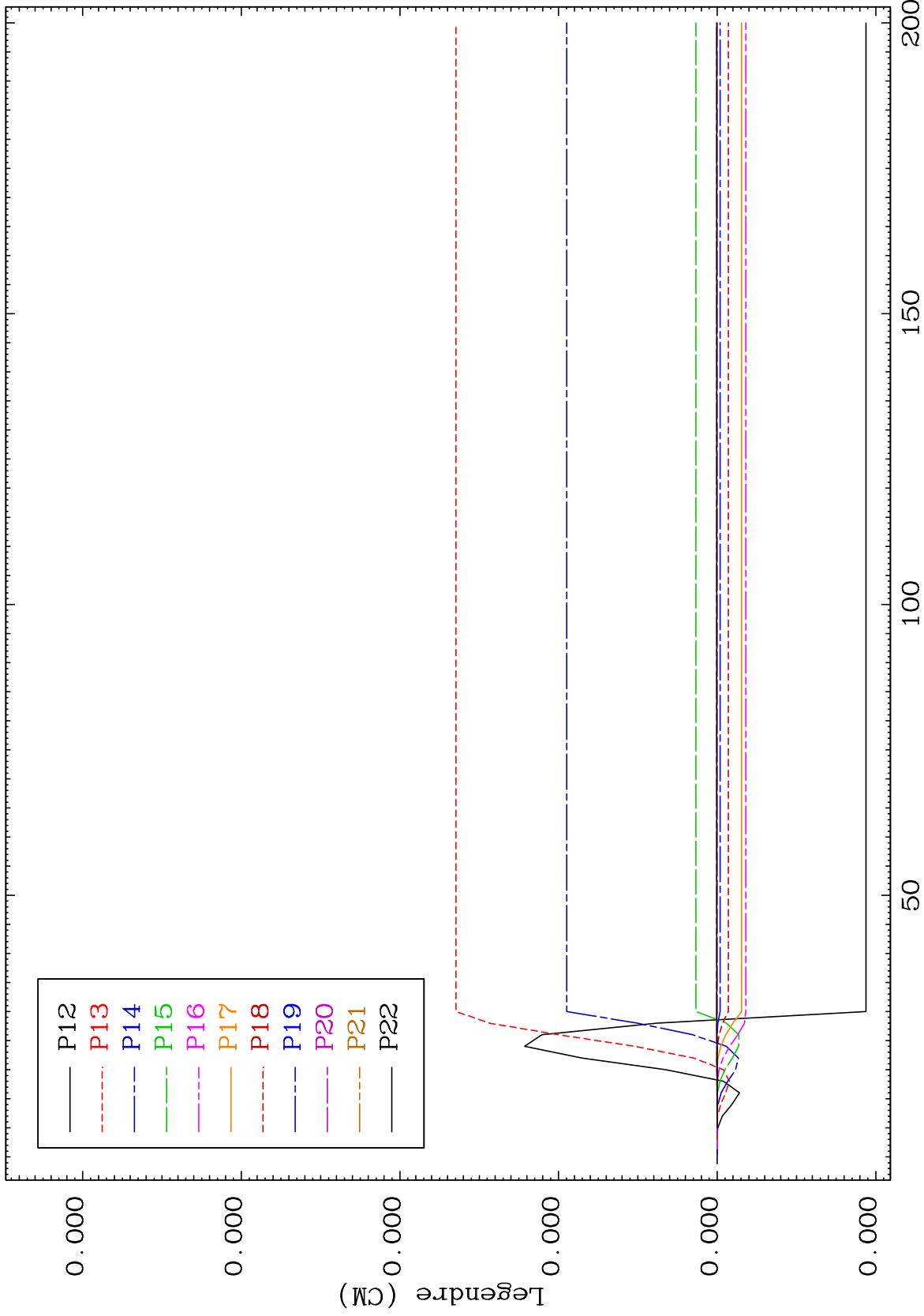
³²Ge-79

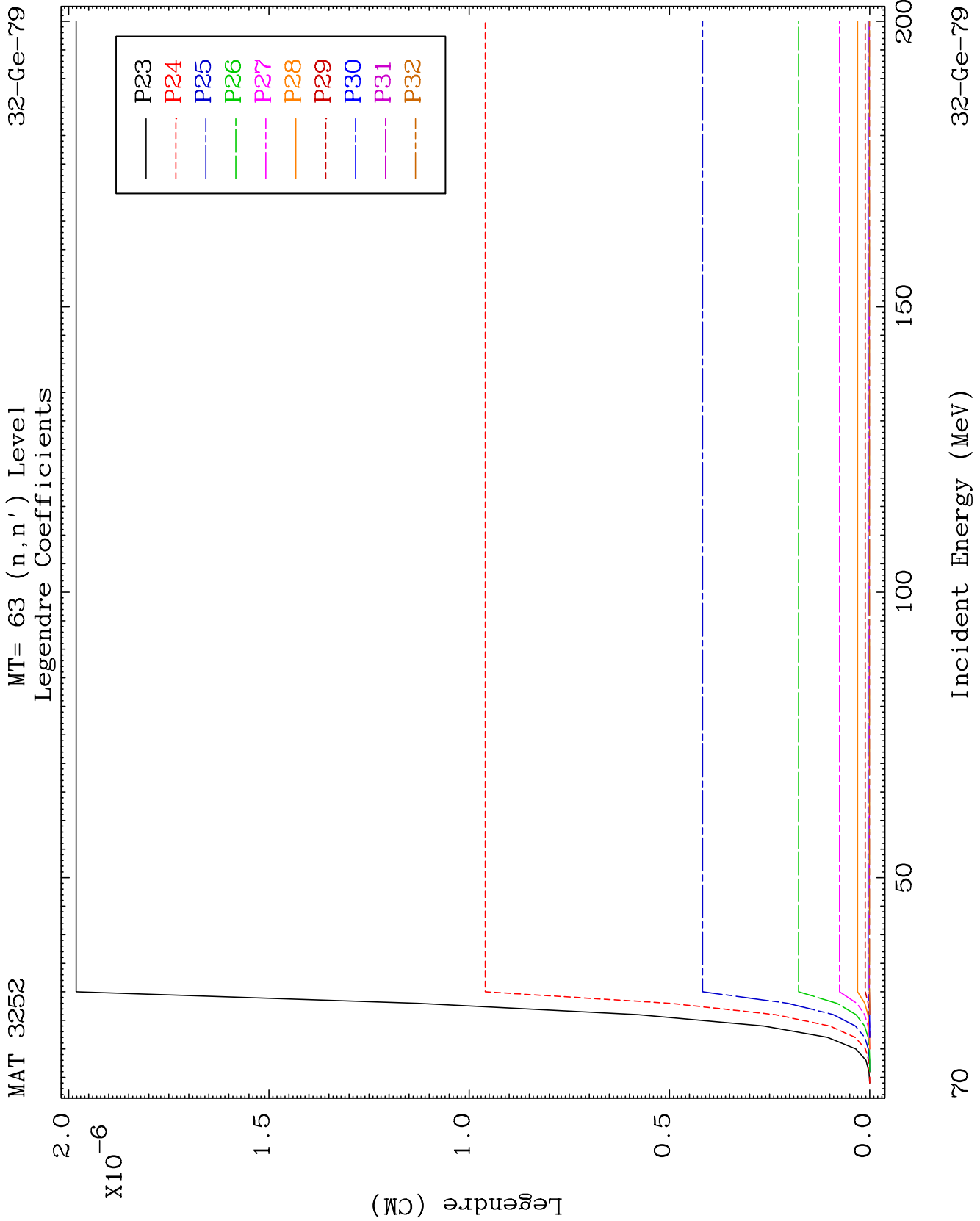


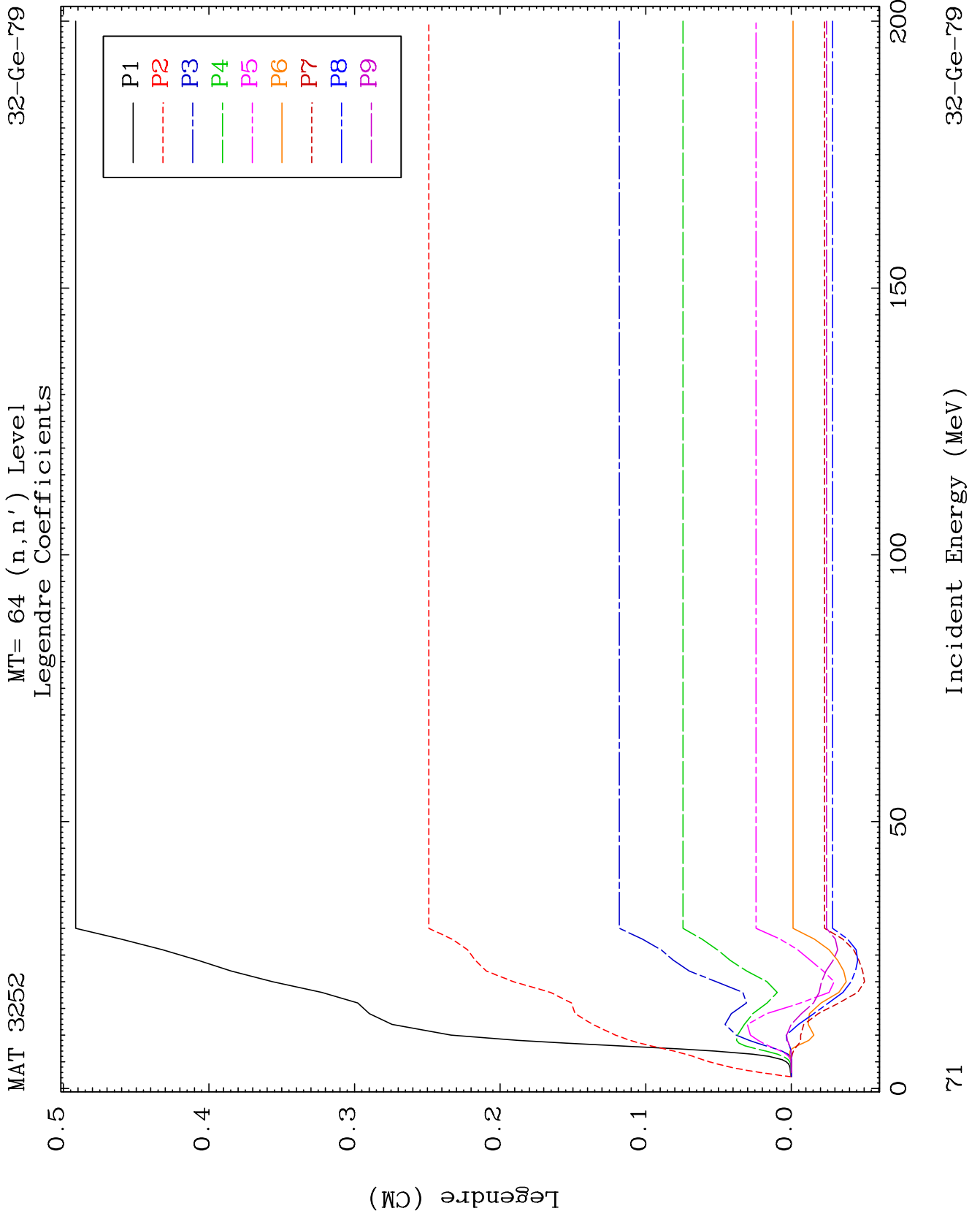
³²Ge-79

Incident Energy (MeV)

68



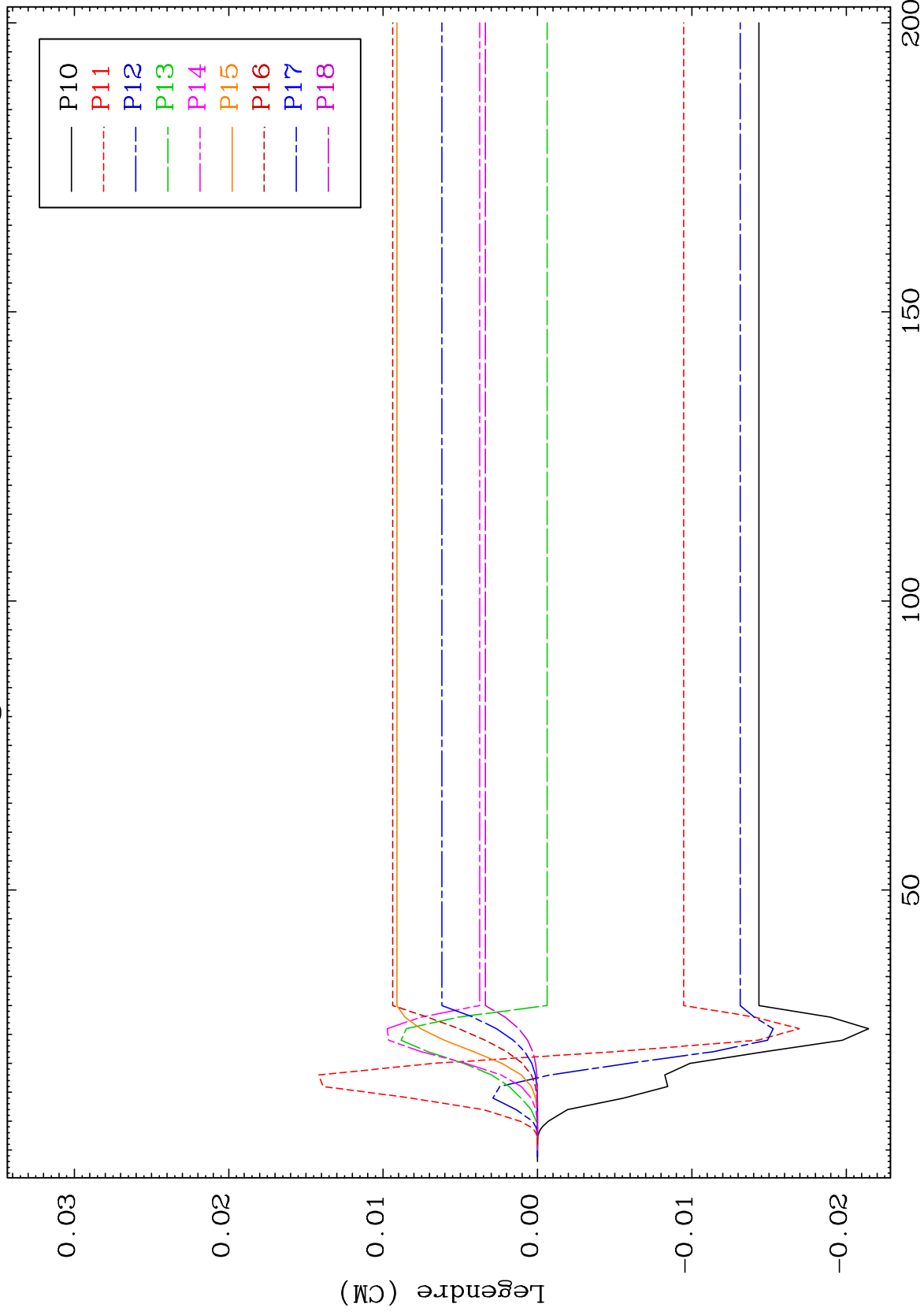




MAT 3252

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

32-Ge-79



72

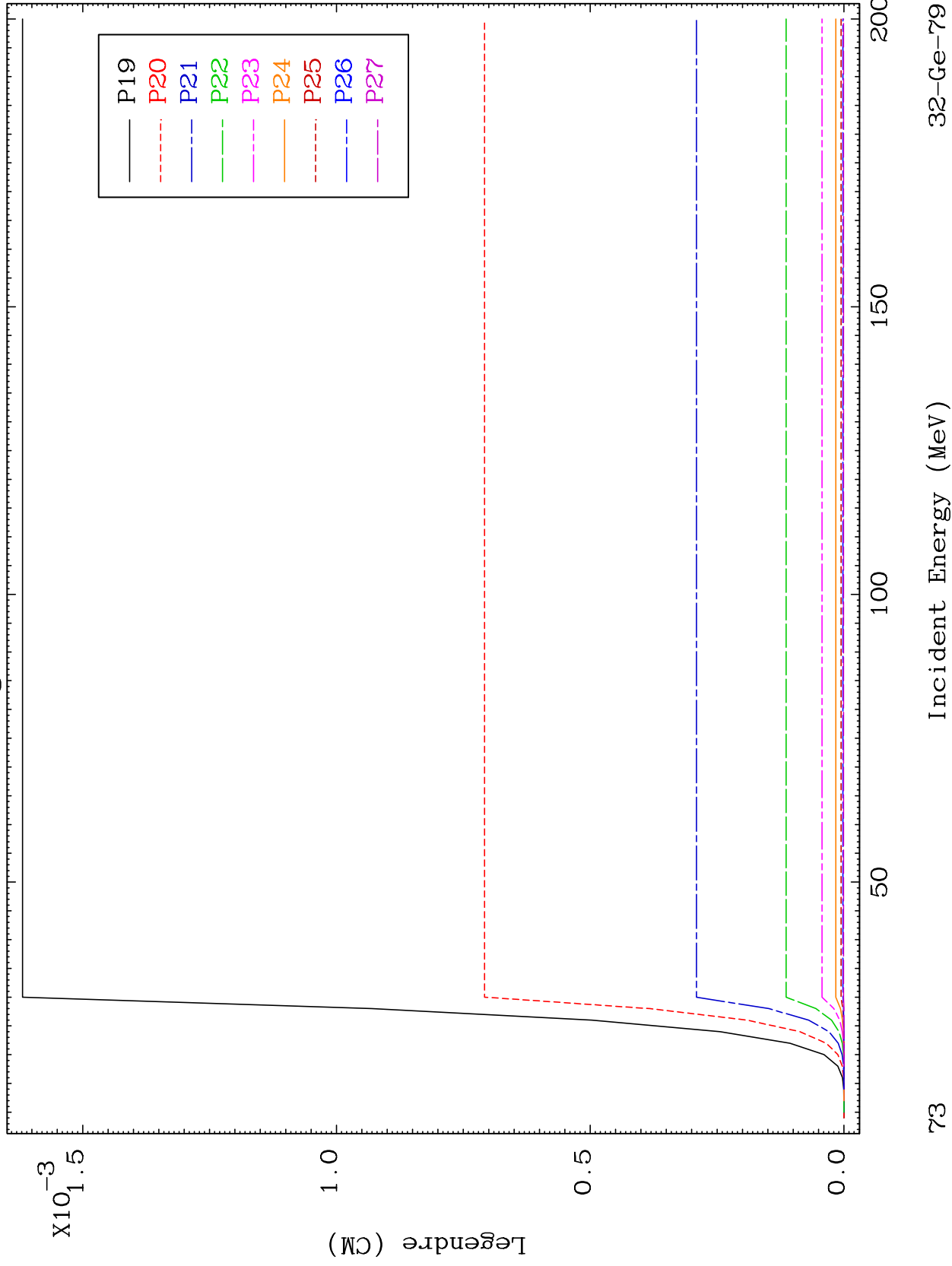
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



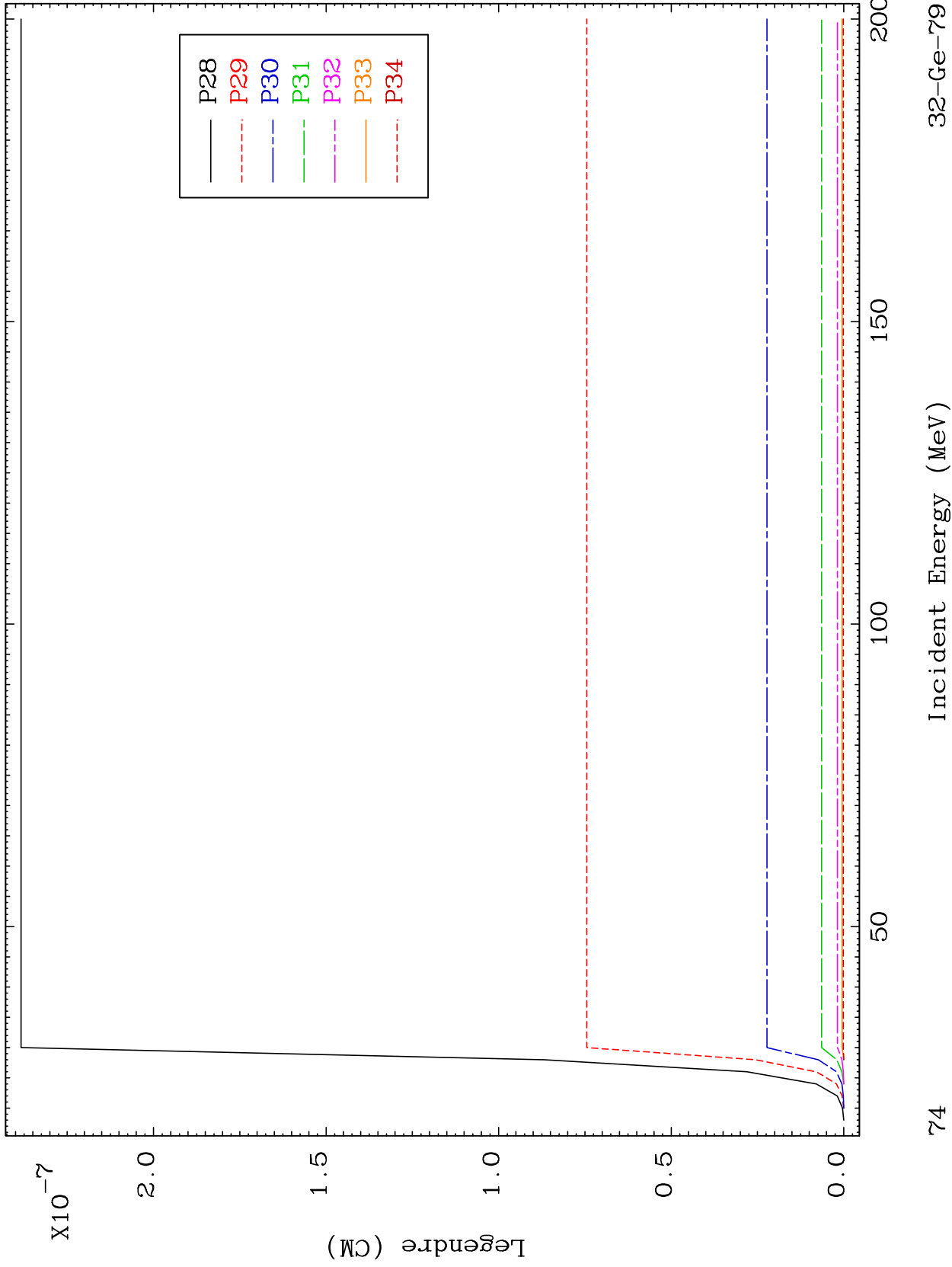
73

32-Ge-79

MAT 3252

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

32-Ge-79



74

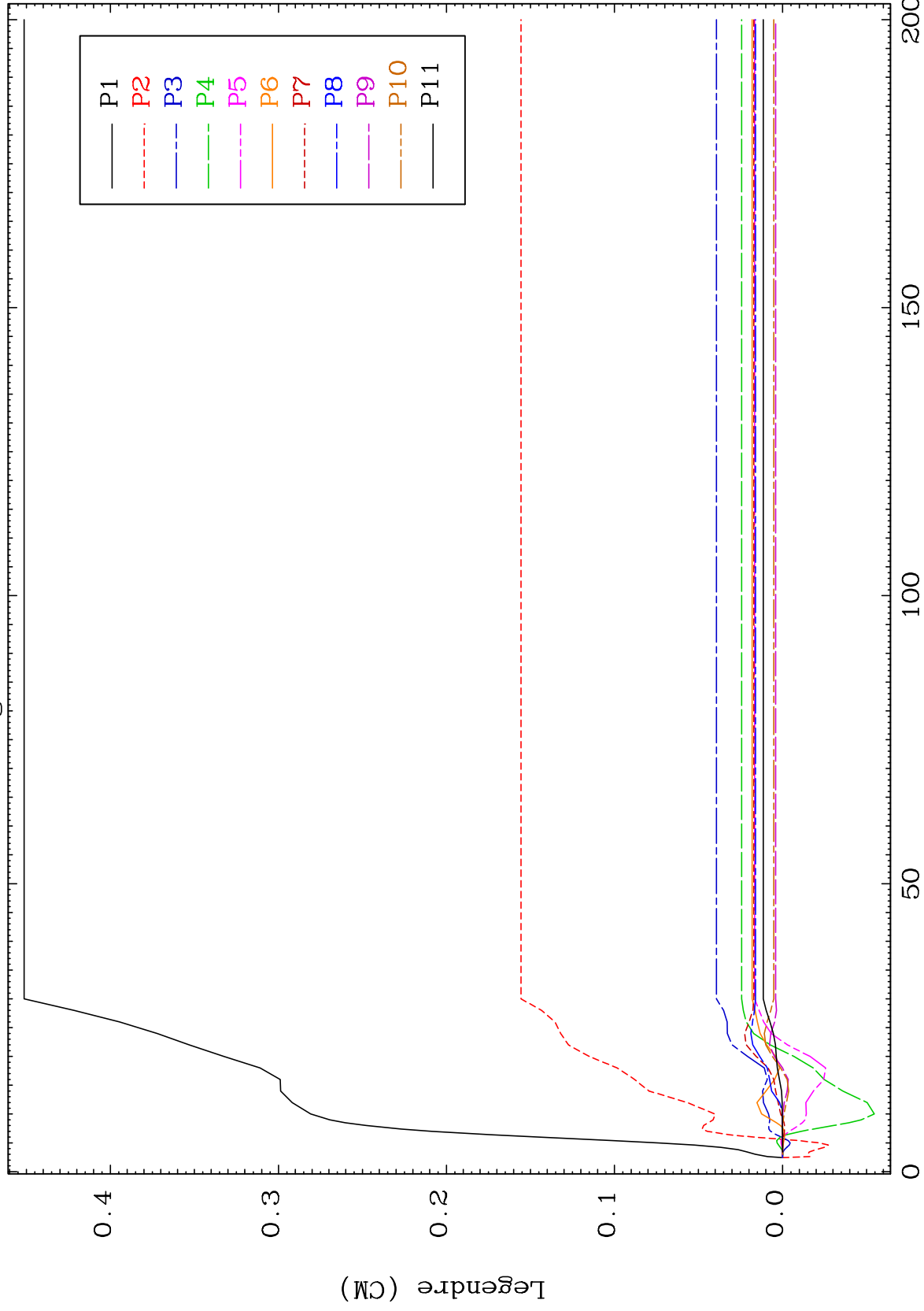
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



75

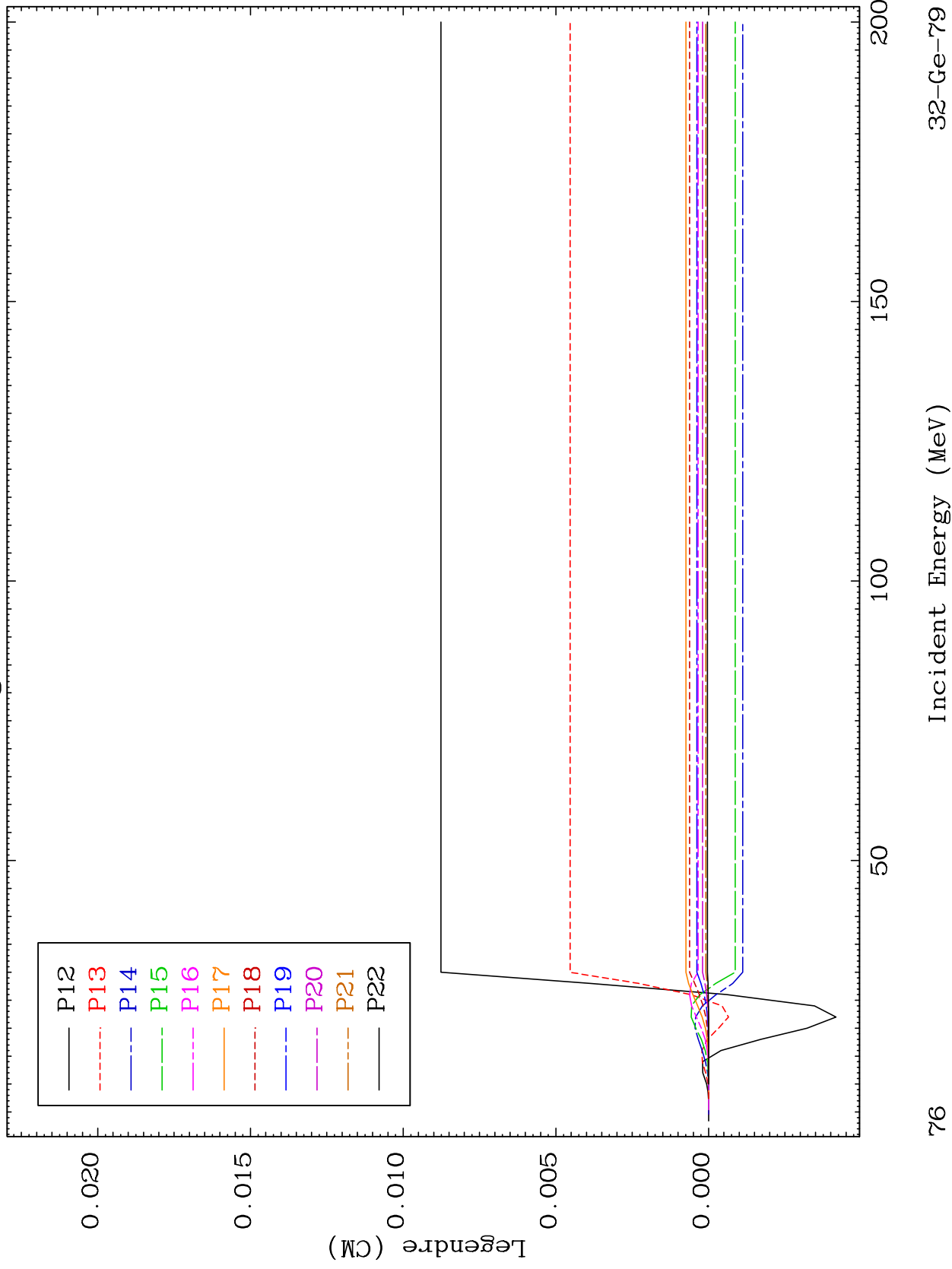
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

³²Ge-79



76

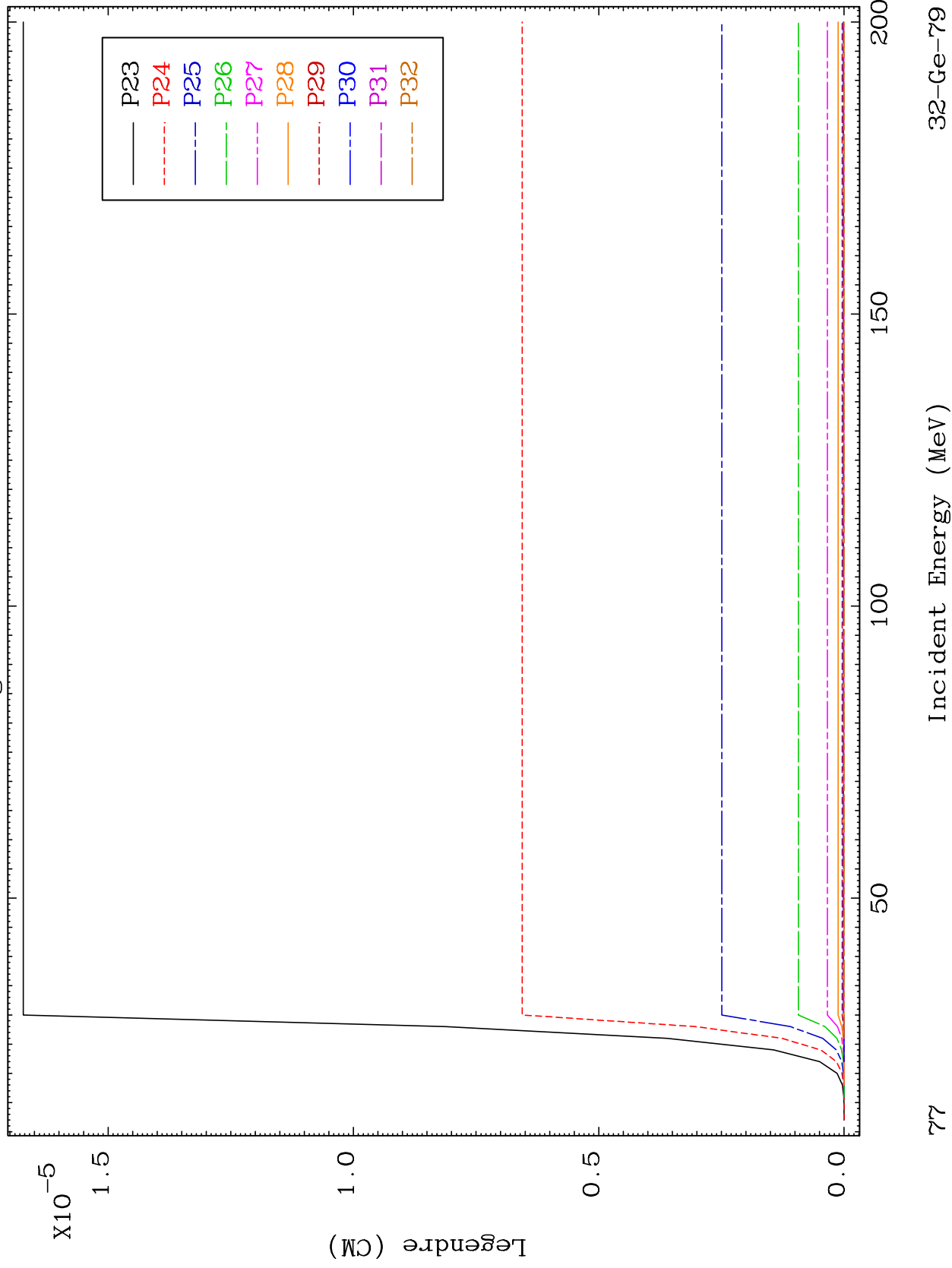
Incident Energy (MeV)

³²Ge-79

MAT 3252

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

32-Ge-79



77

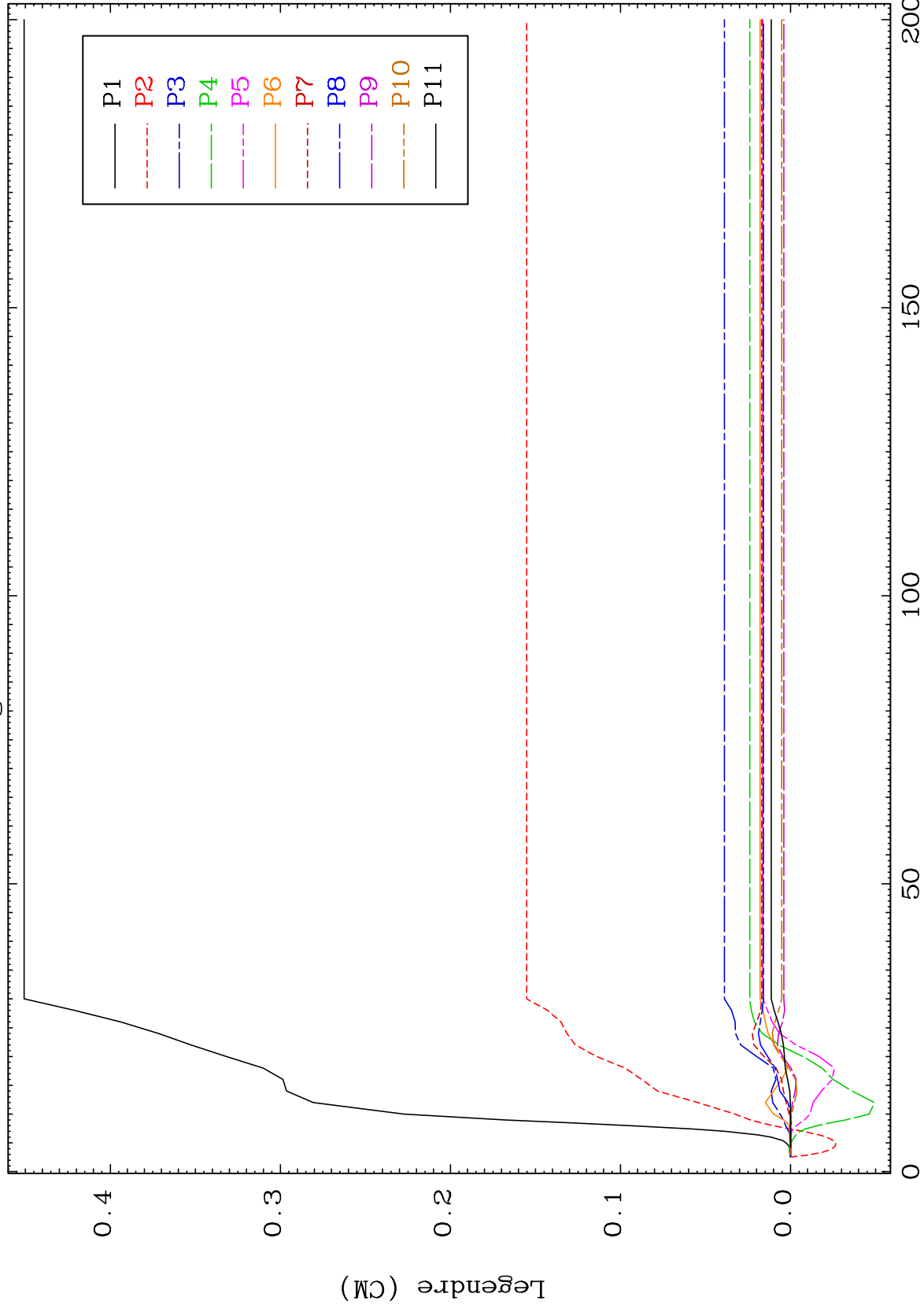
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



78

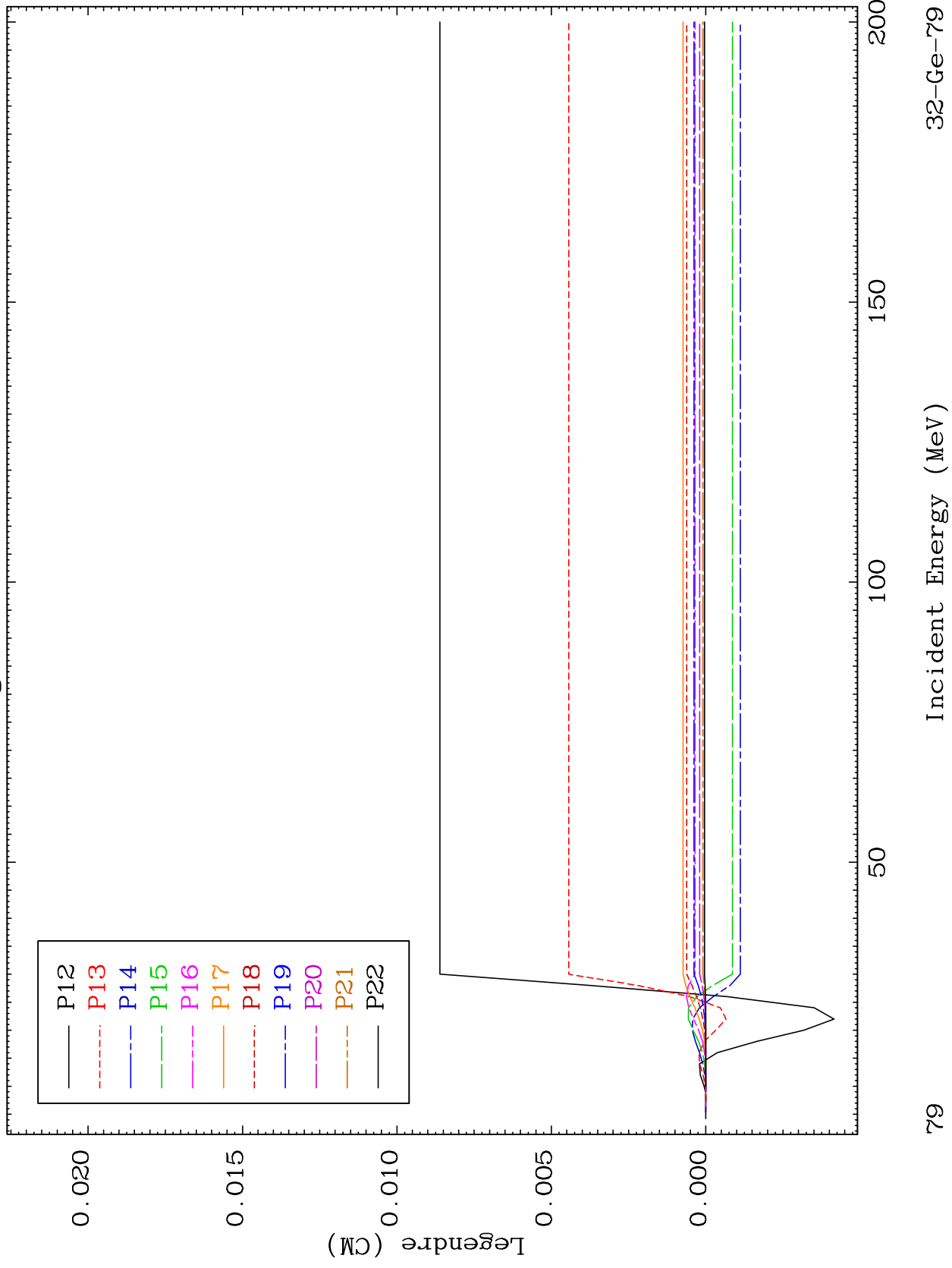
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

³²Ge-79



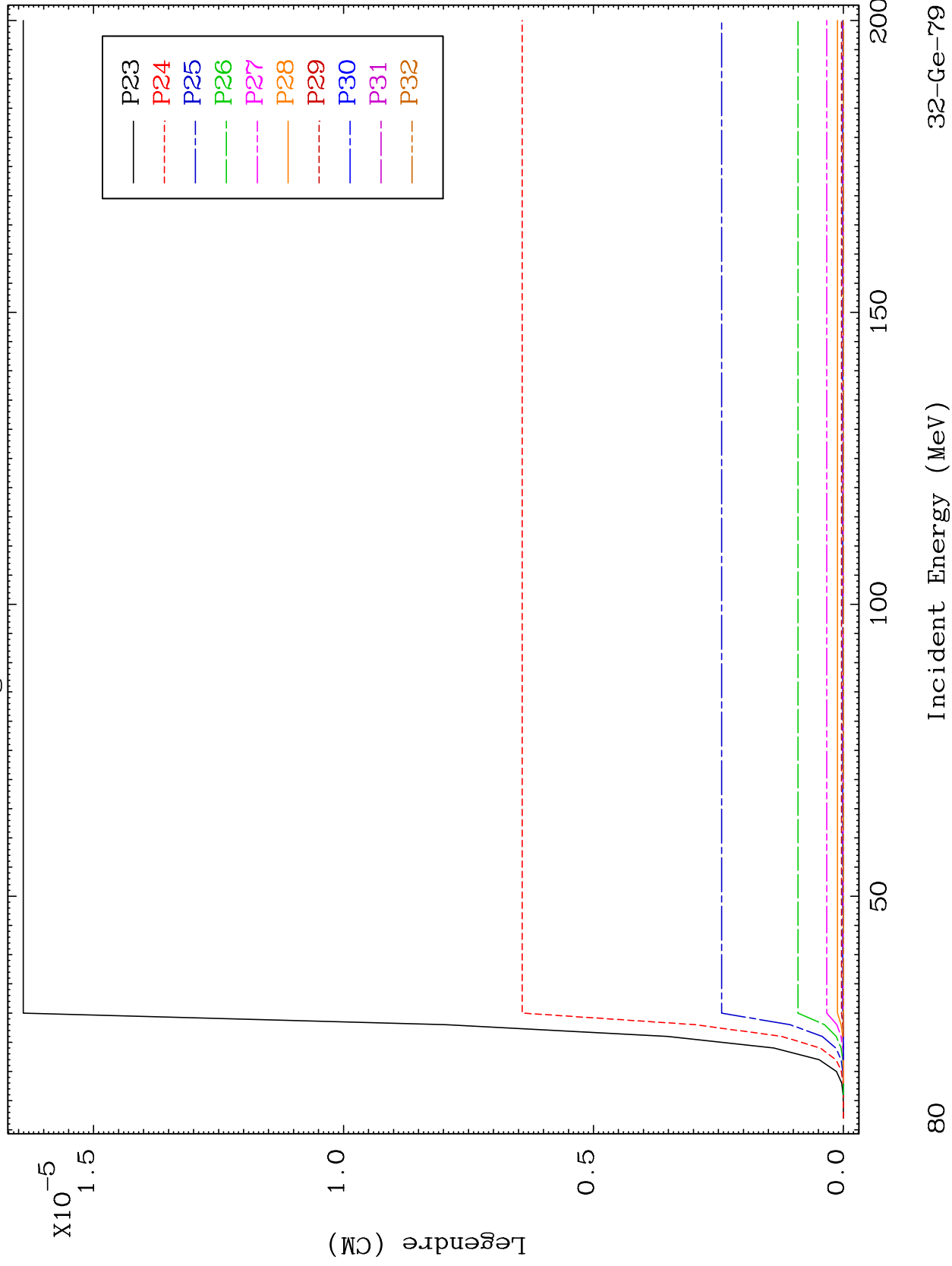
79

³²Ge-79

MAT 3252

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

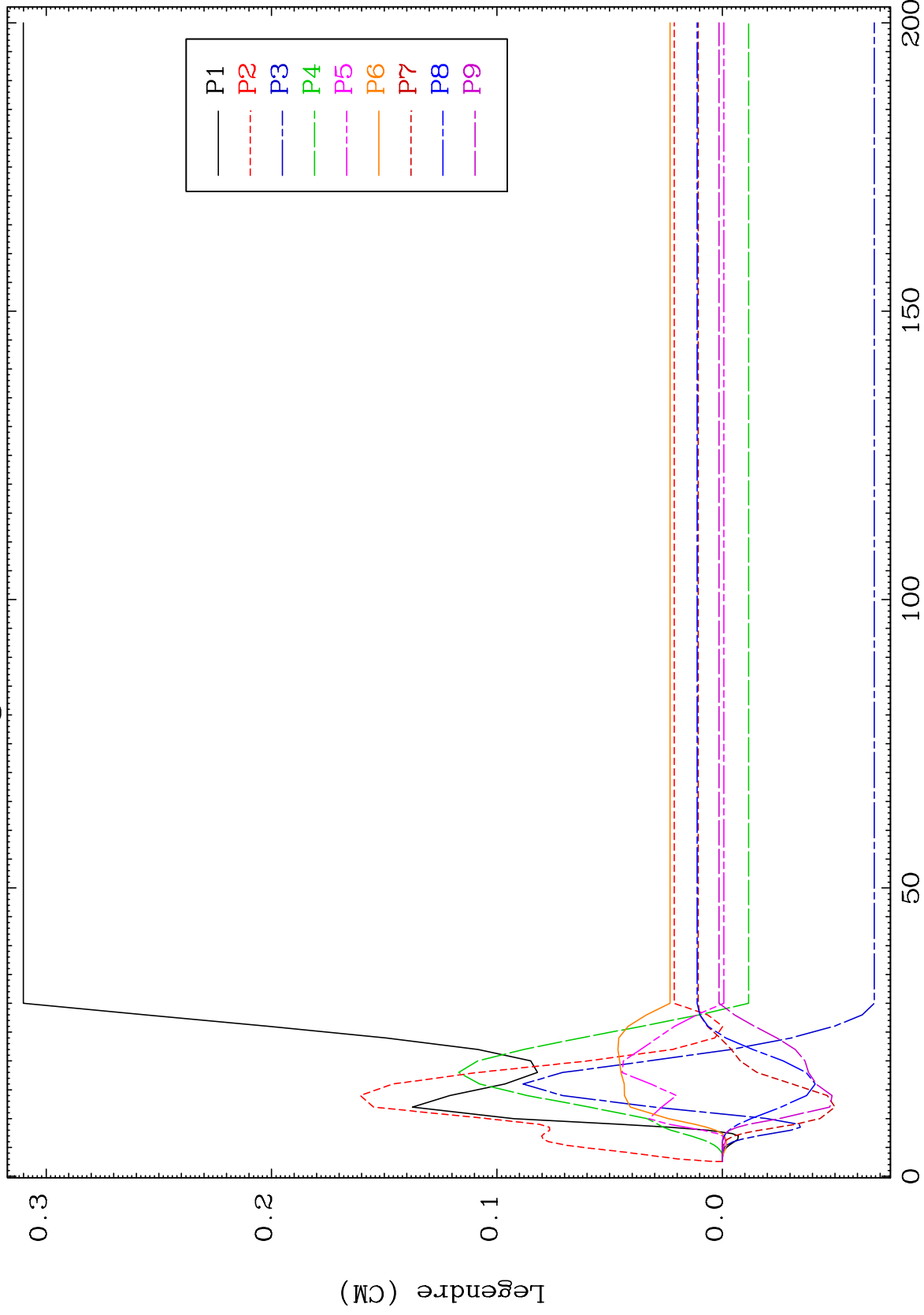
32-Ge-79



MAT 3252

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

32-Ge-79



81

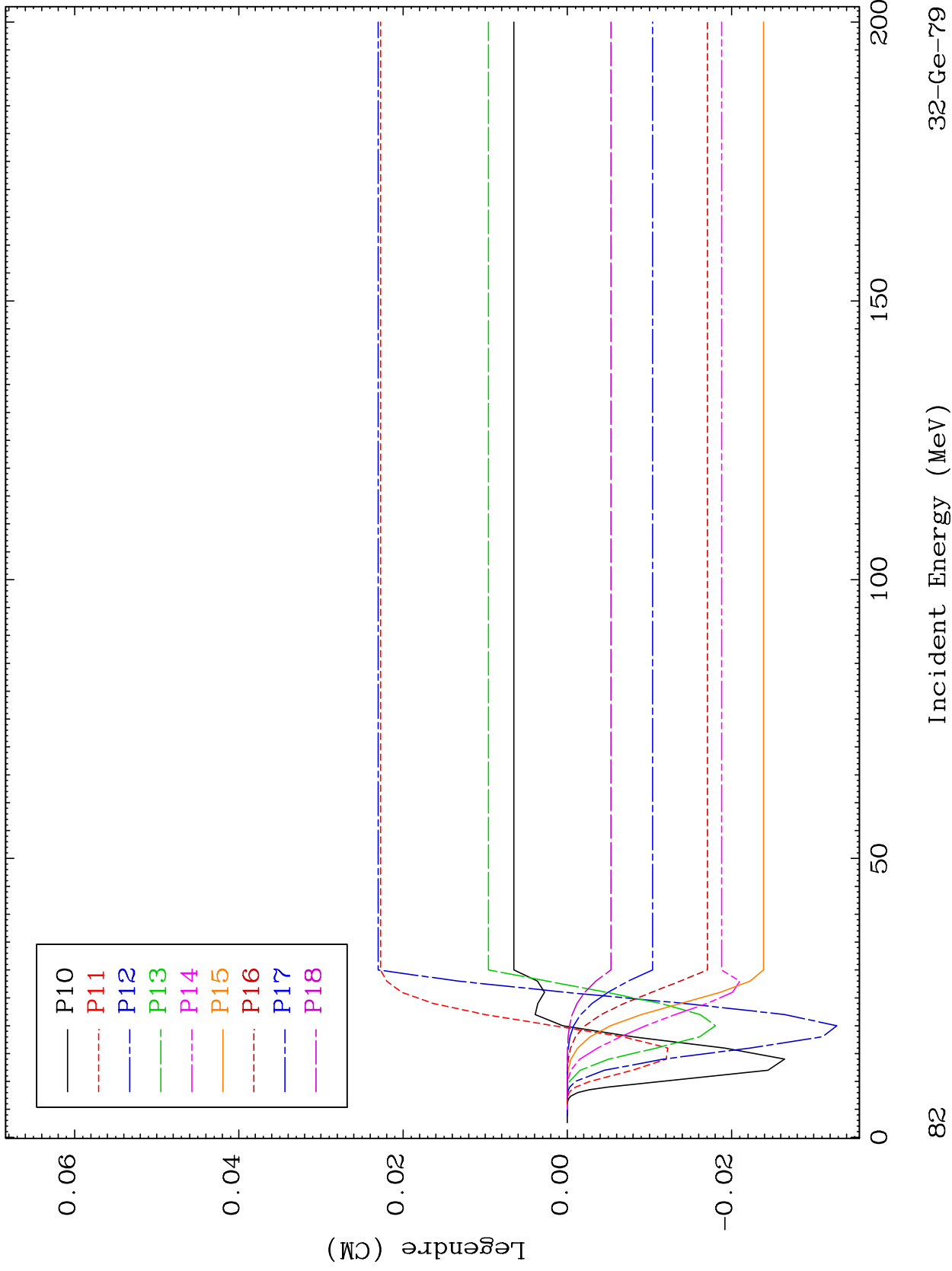
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

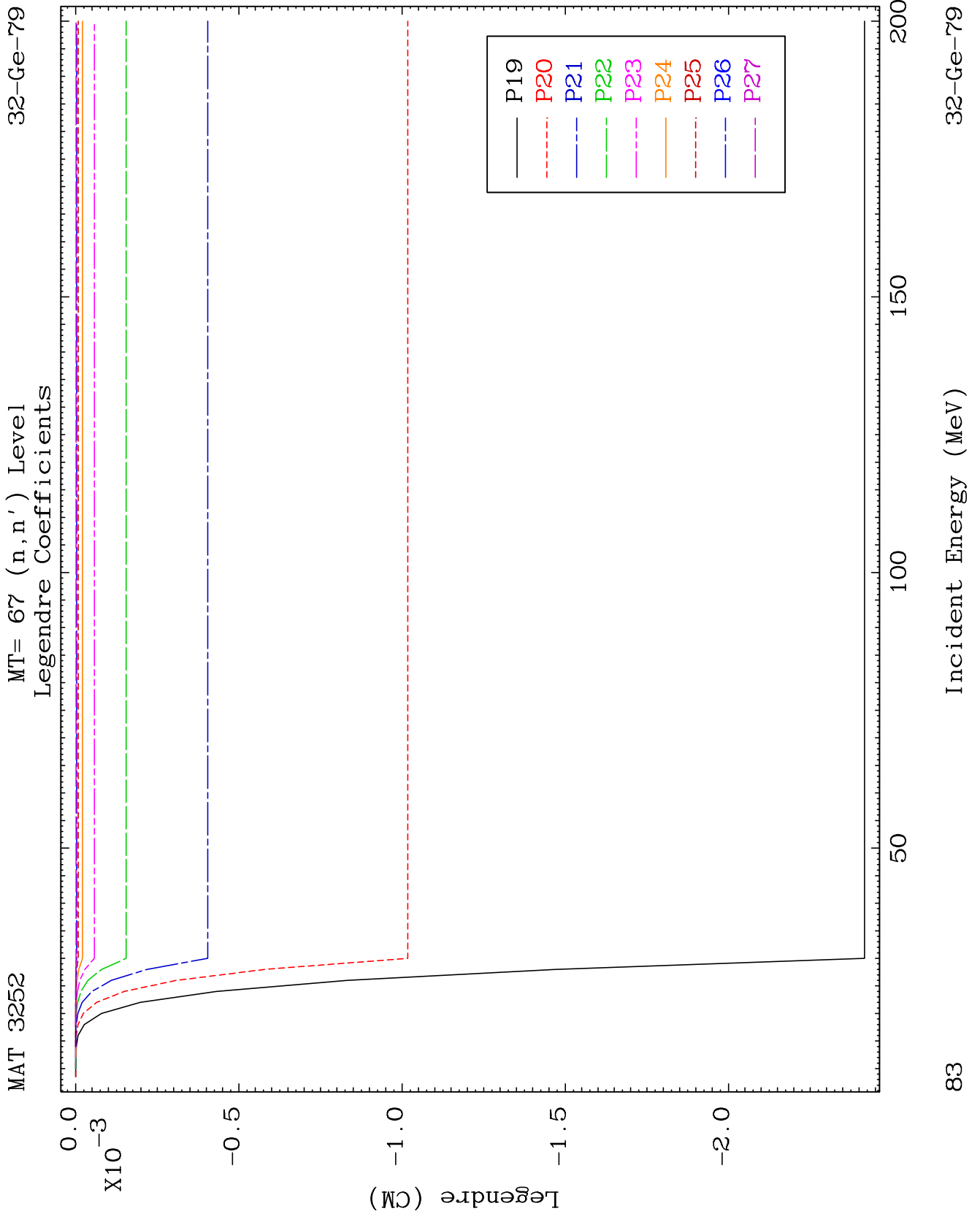
32-Ge-79

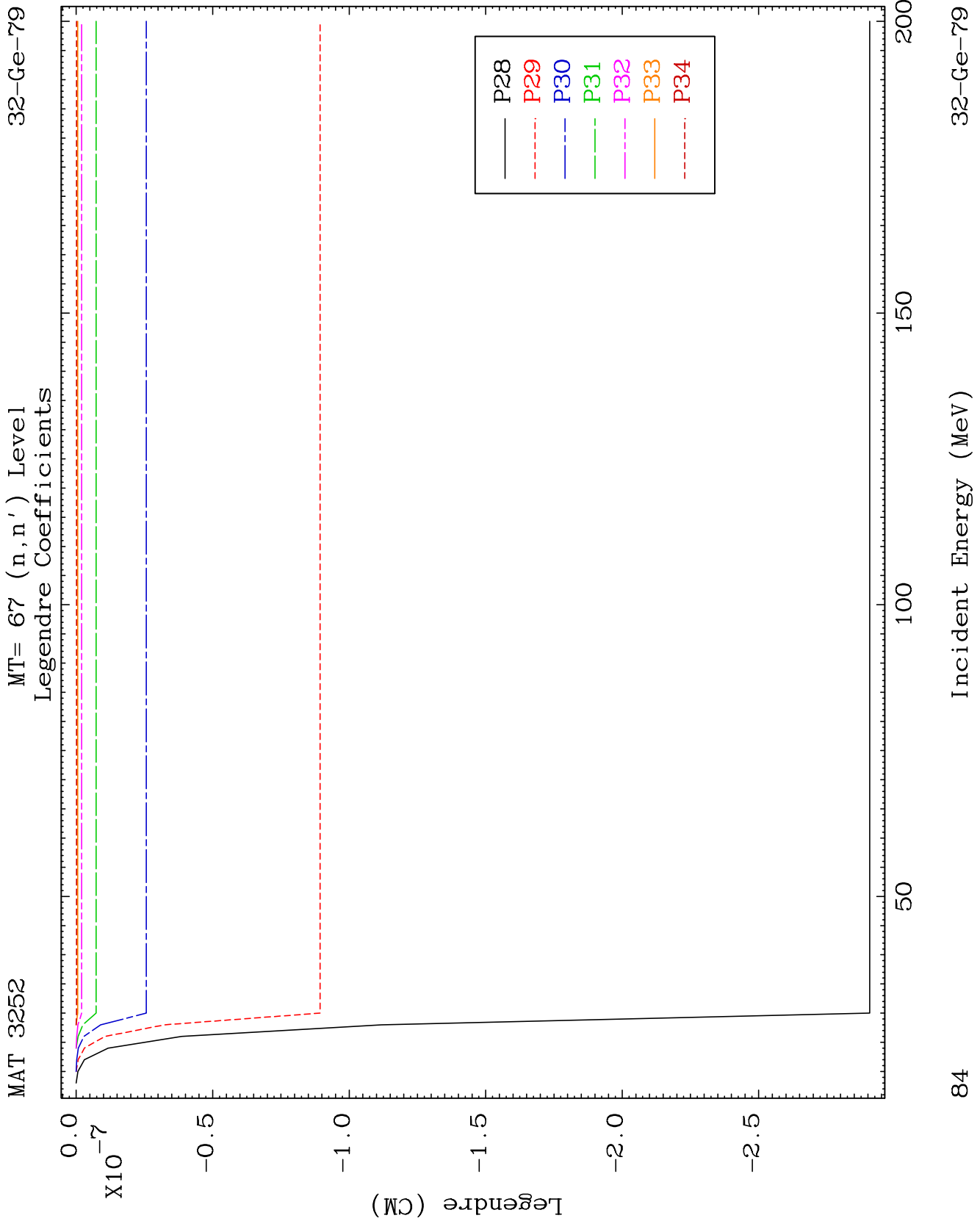


82

Incident Energy (MeV)

32-Ge-79

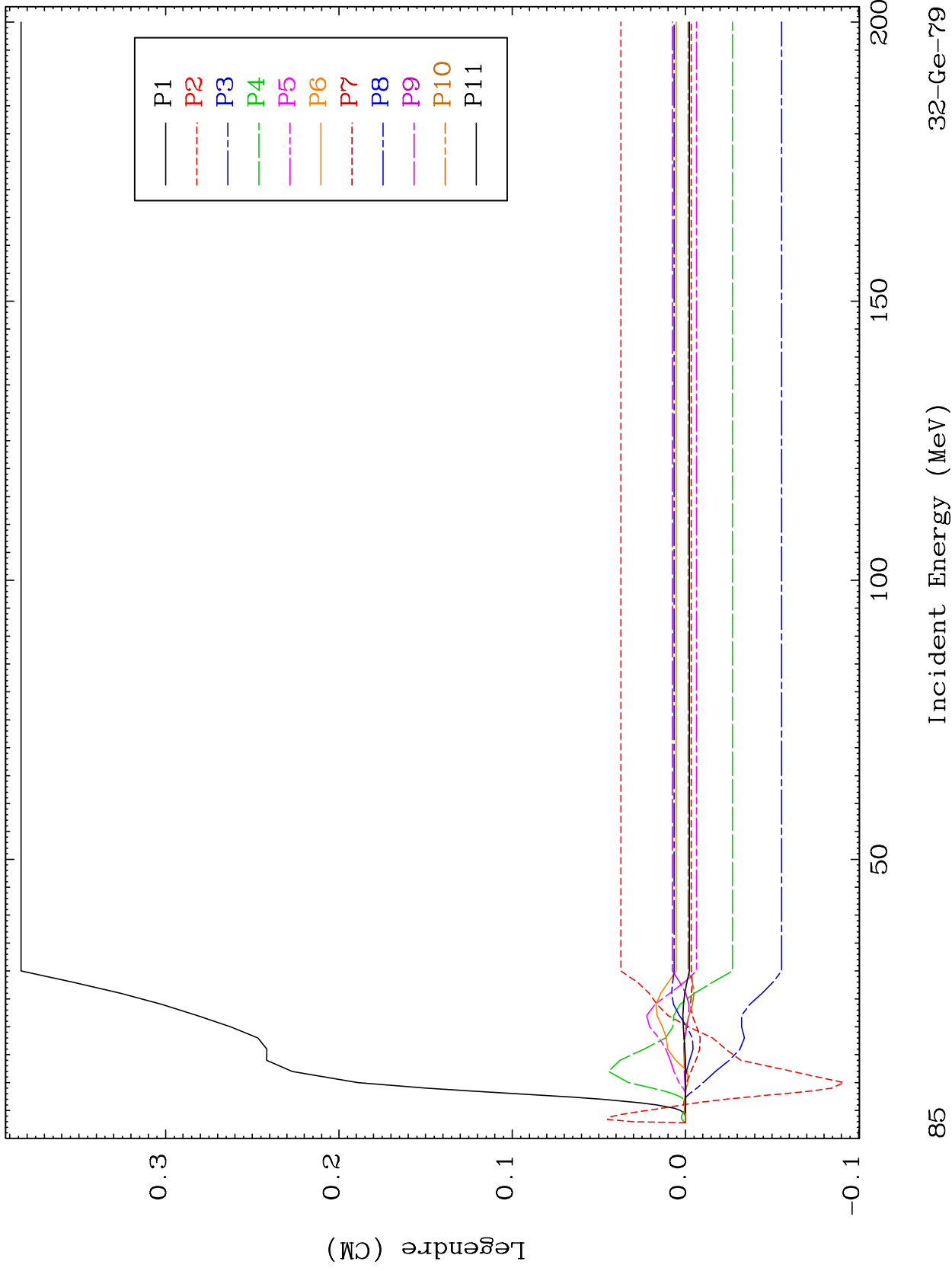




MAT 3252

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

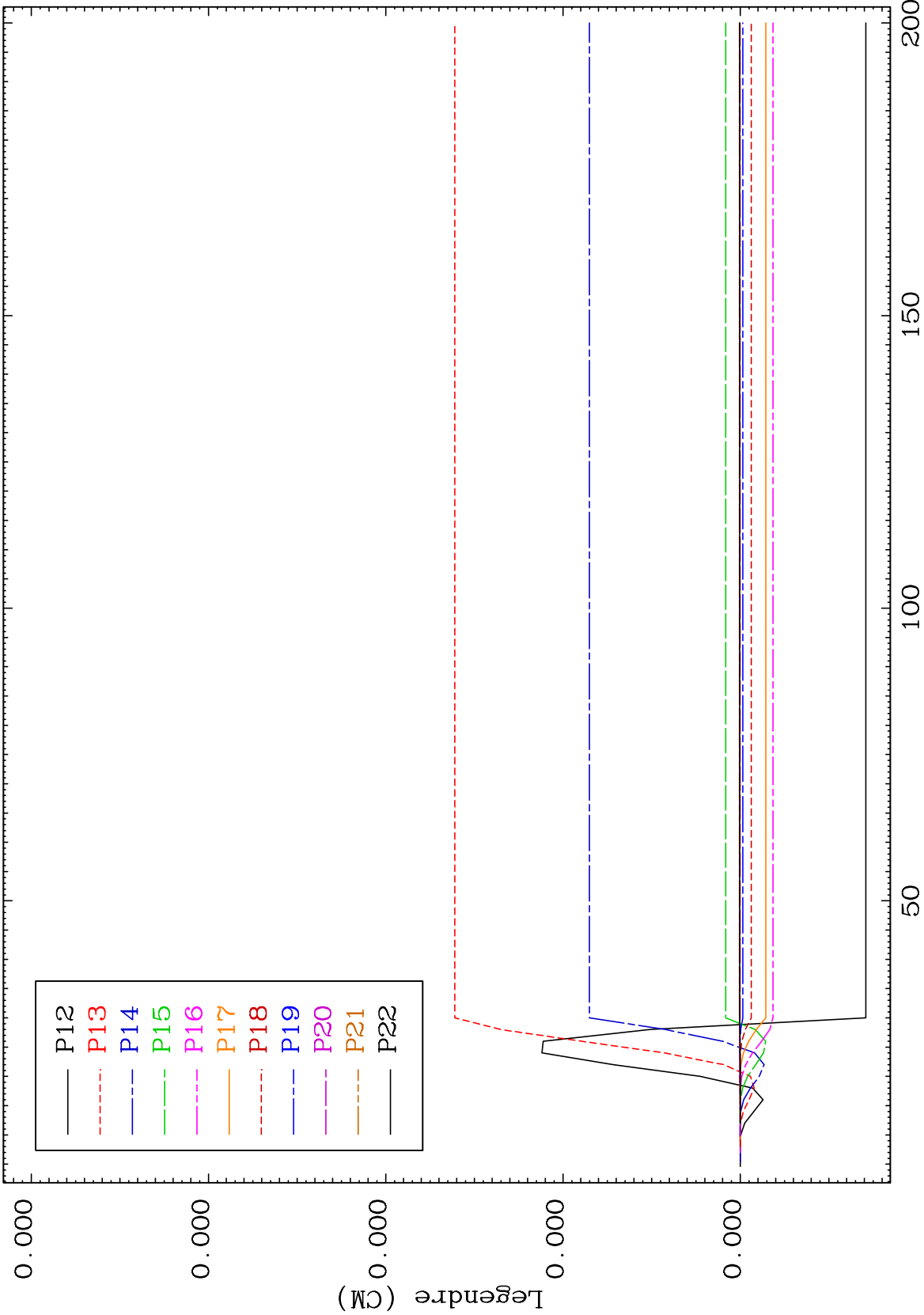
32-Ge-79



85

Incident Energy (MeV)

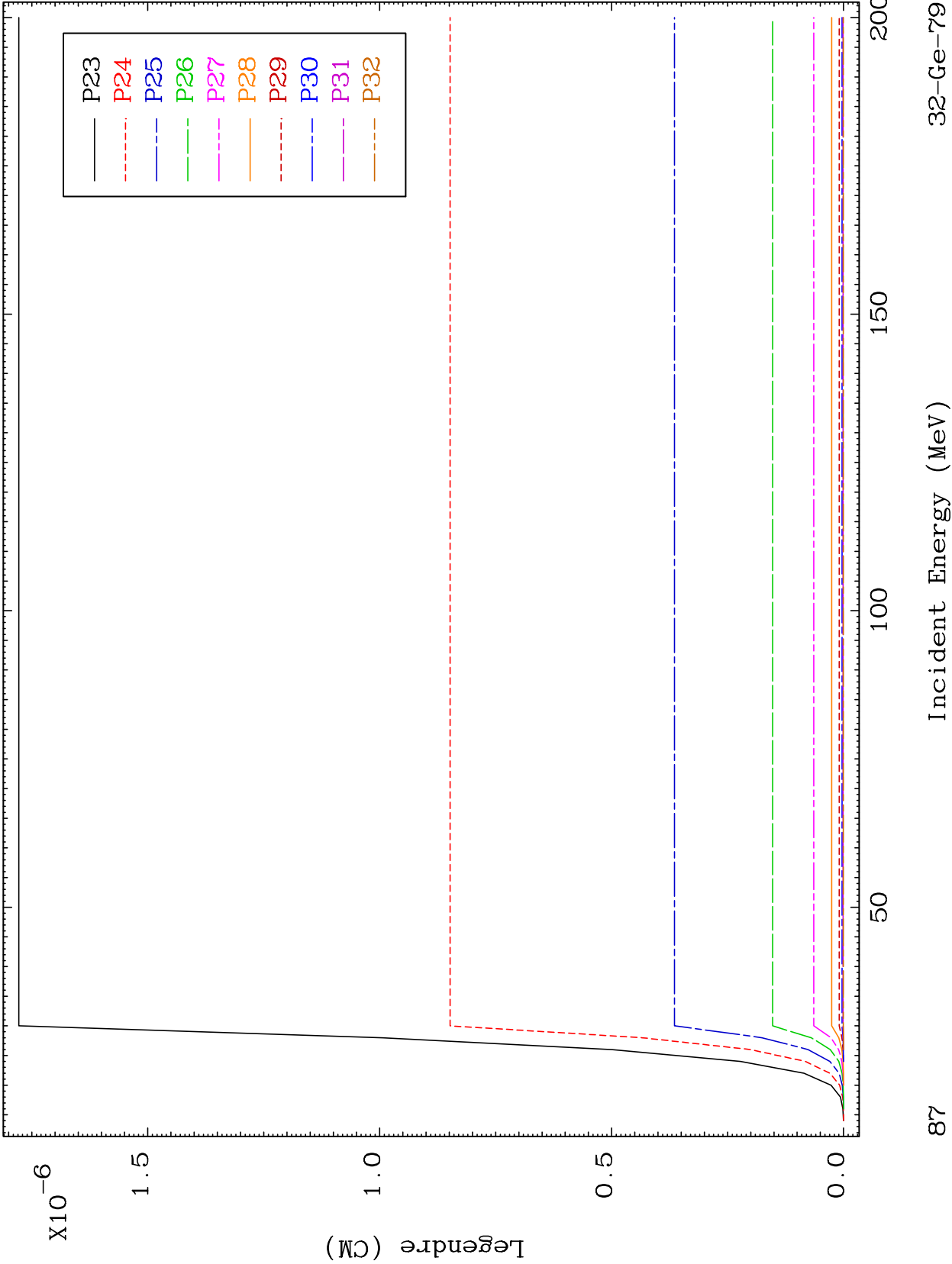
32-Ge-79



MAT 3252

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

32-Ge-79



87

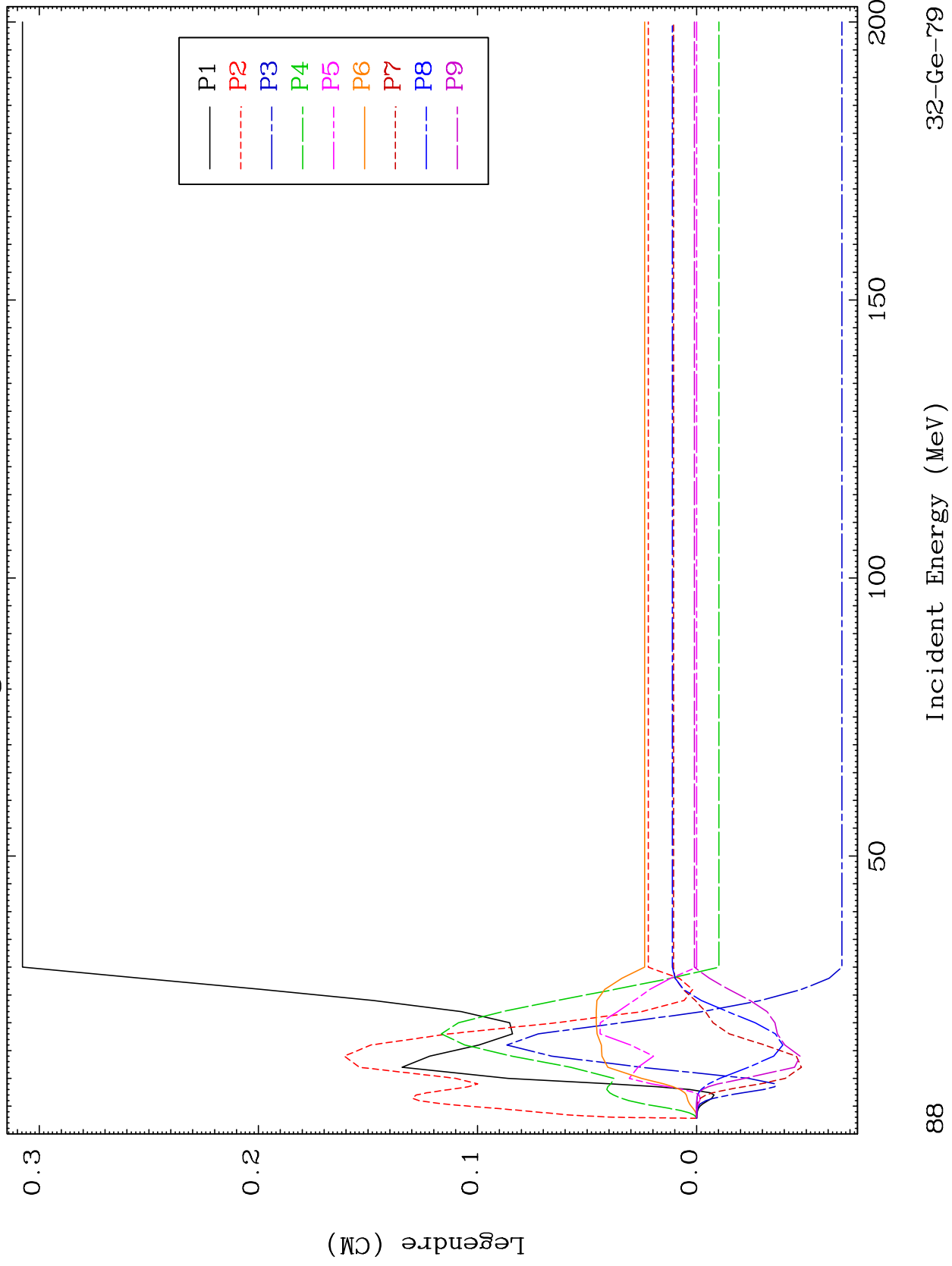
Incident Energy (MeV)

32-Ge-79

MAT 3252

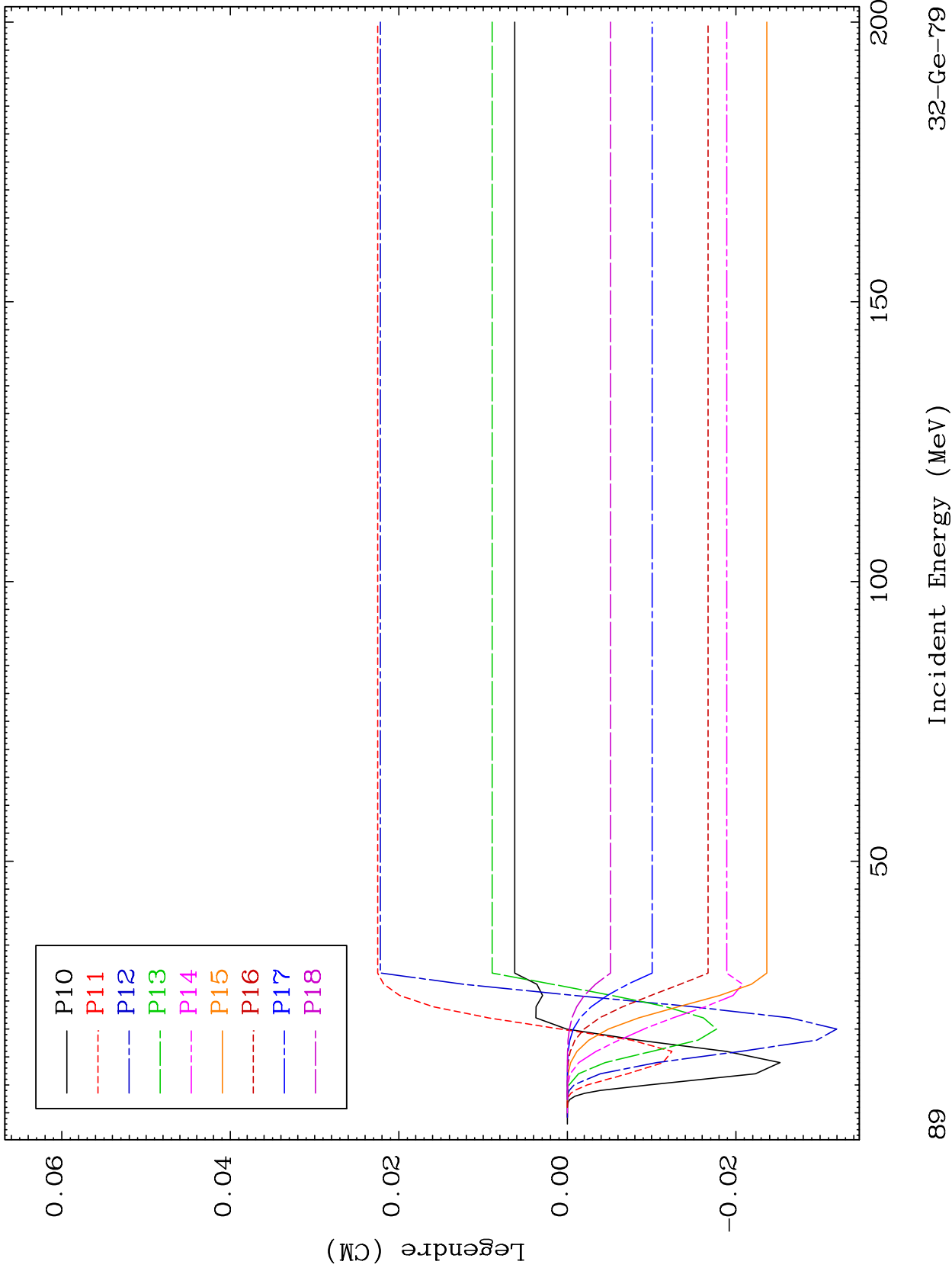
MT= 69 (n,n') Level
Legendre Coefficients

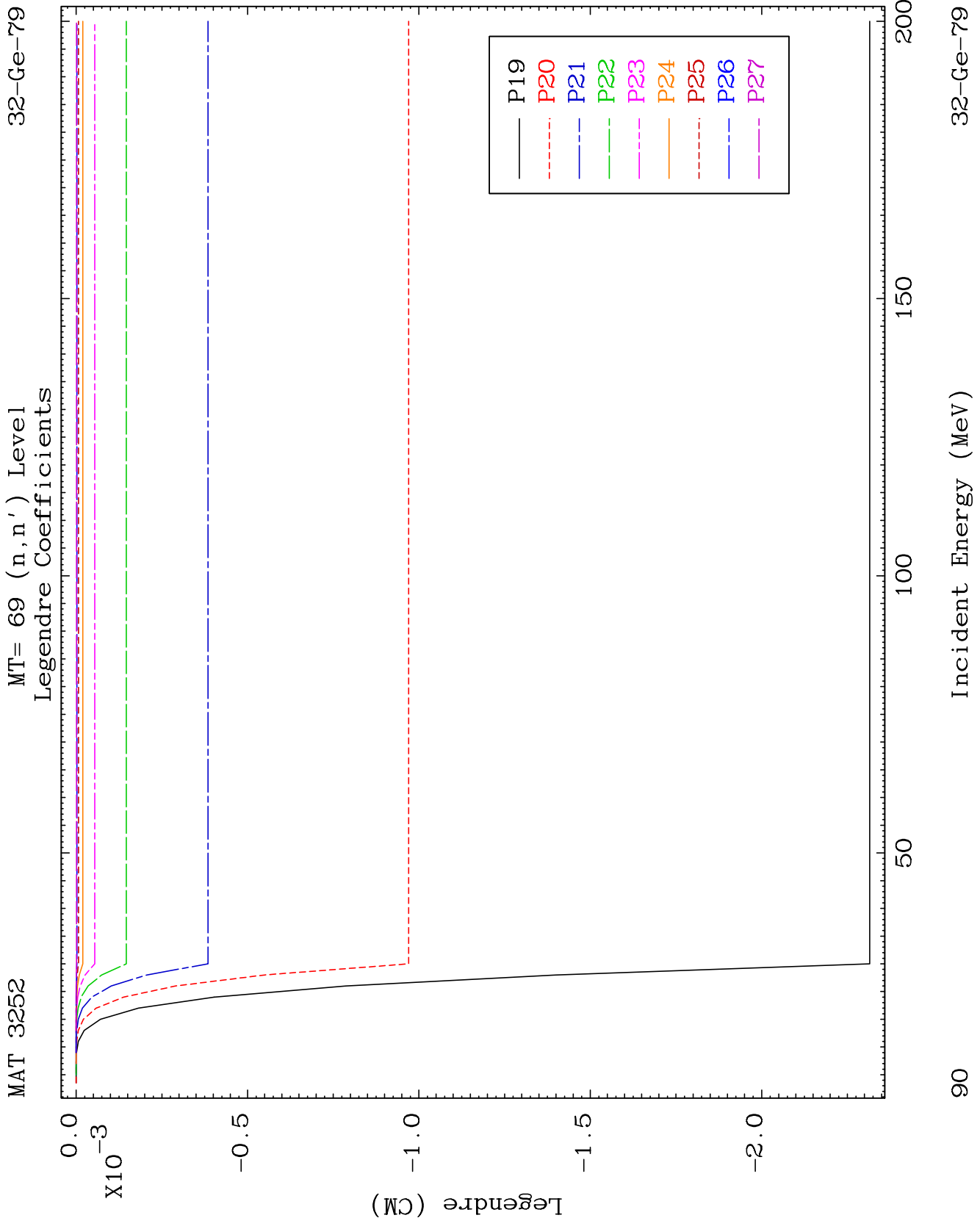
32-Ge-79

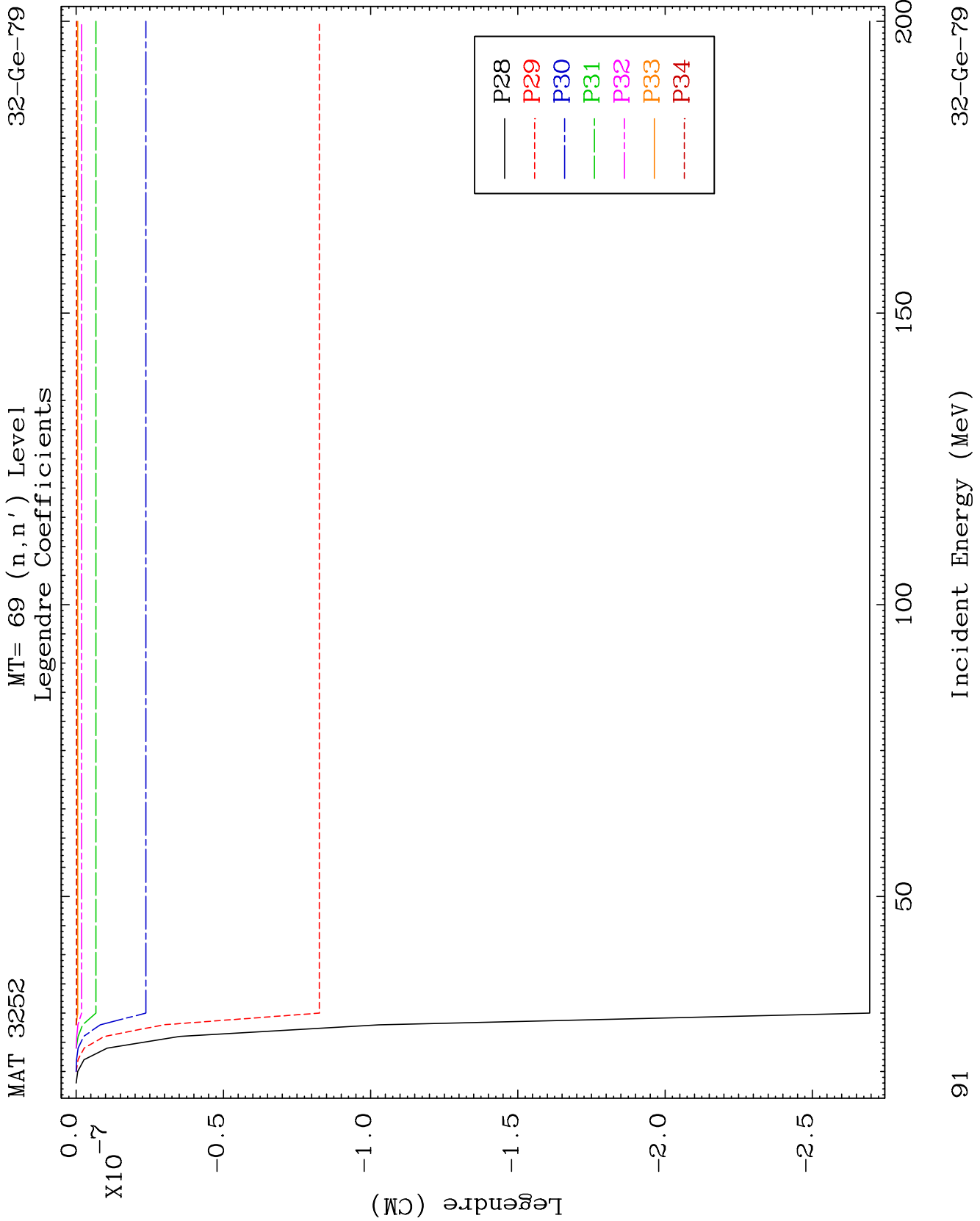


88

32-Ge-79



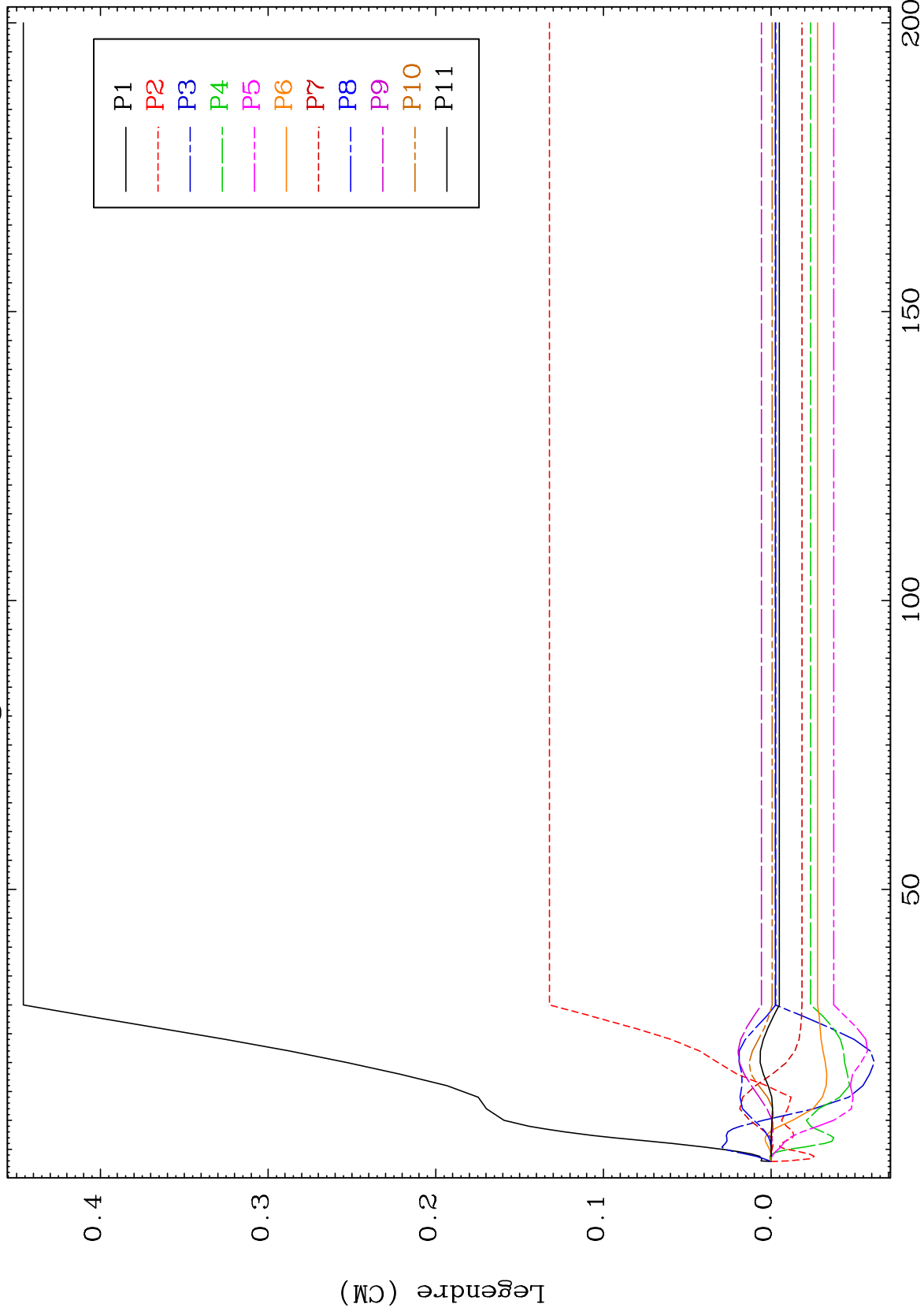




MAT 3252

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

32-Ge-79



92

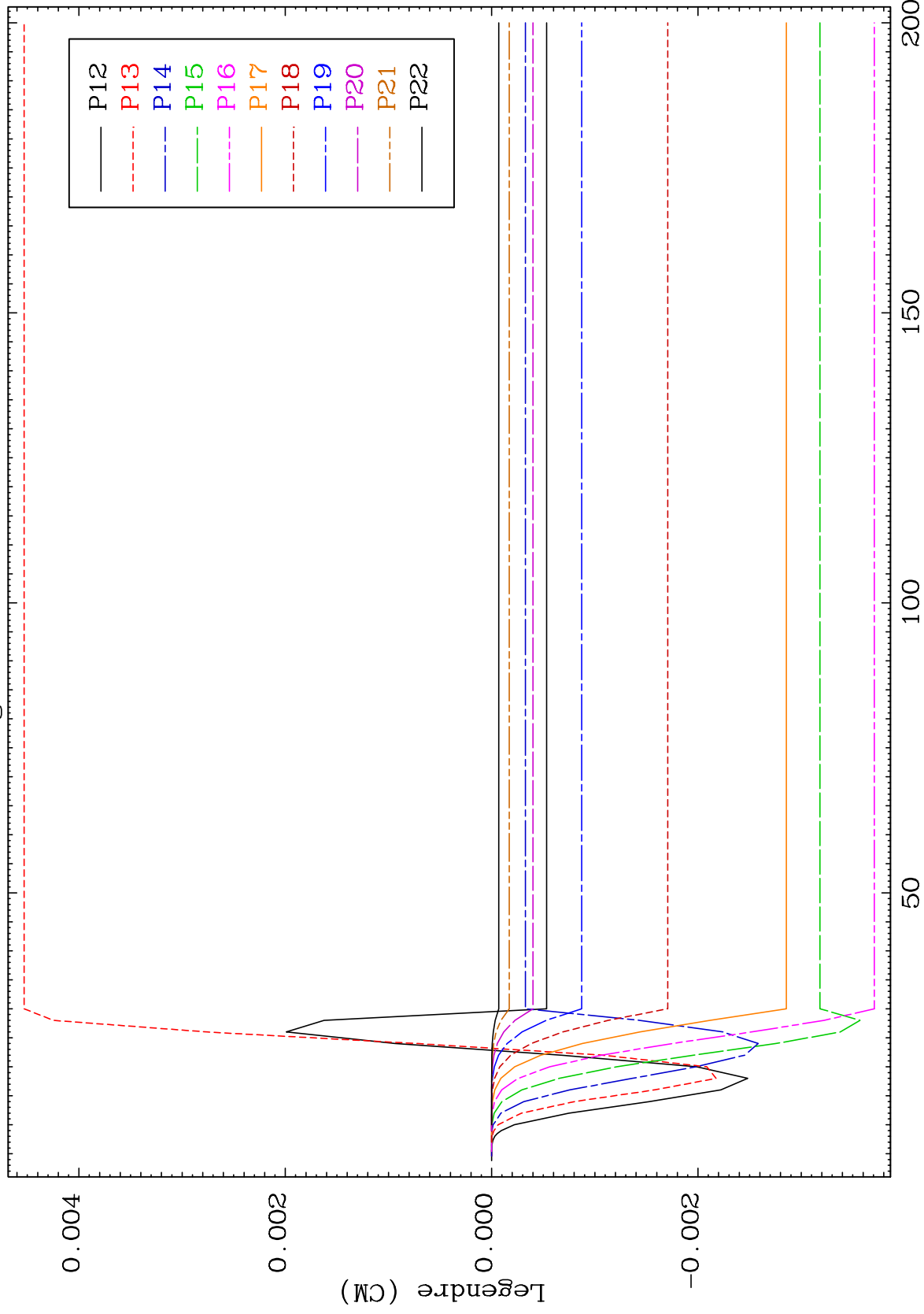
Incident Energy (MeV)

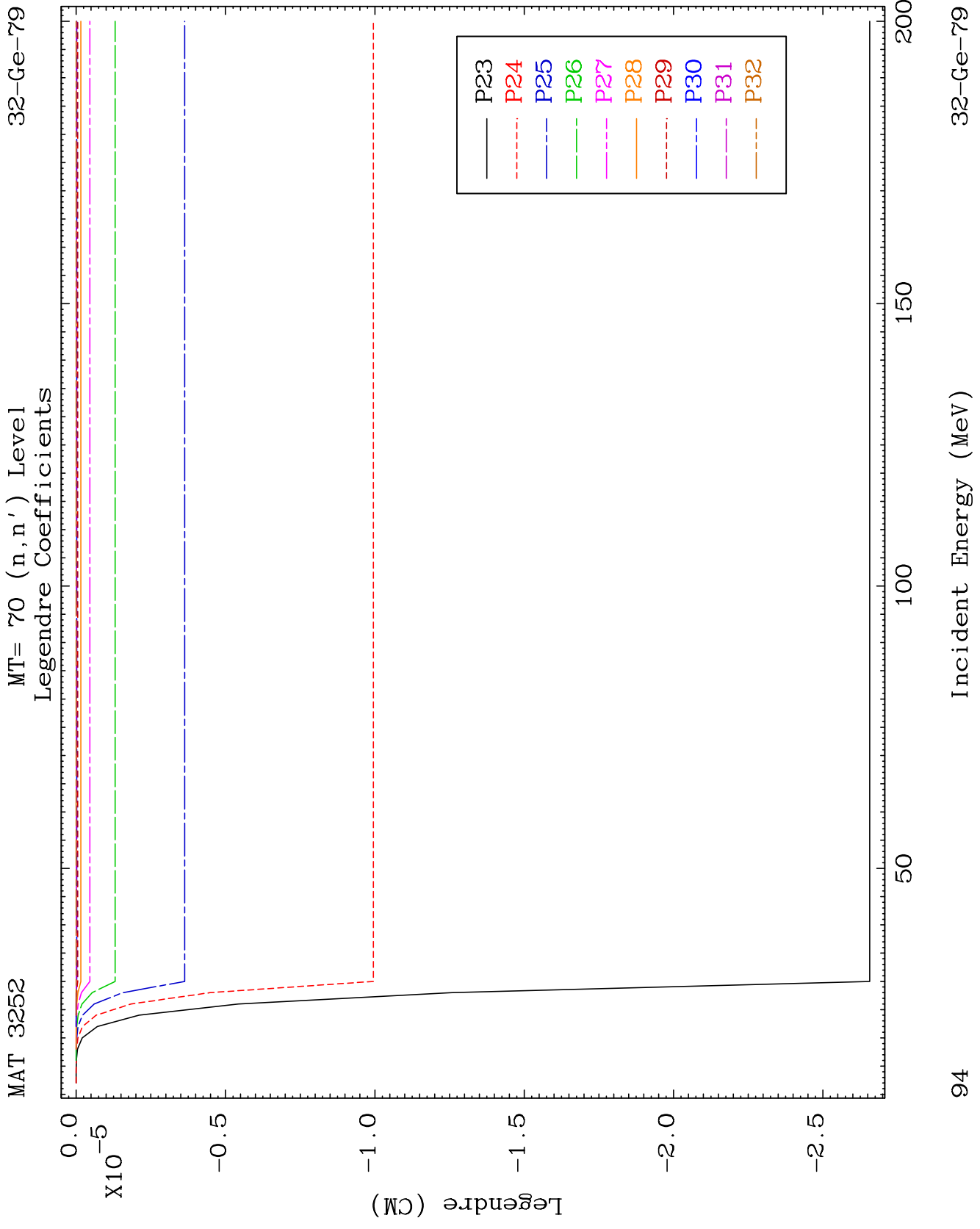
32-Ge-79

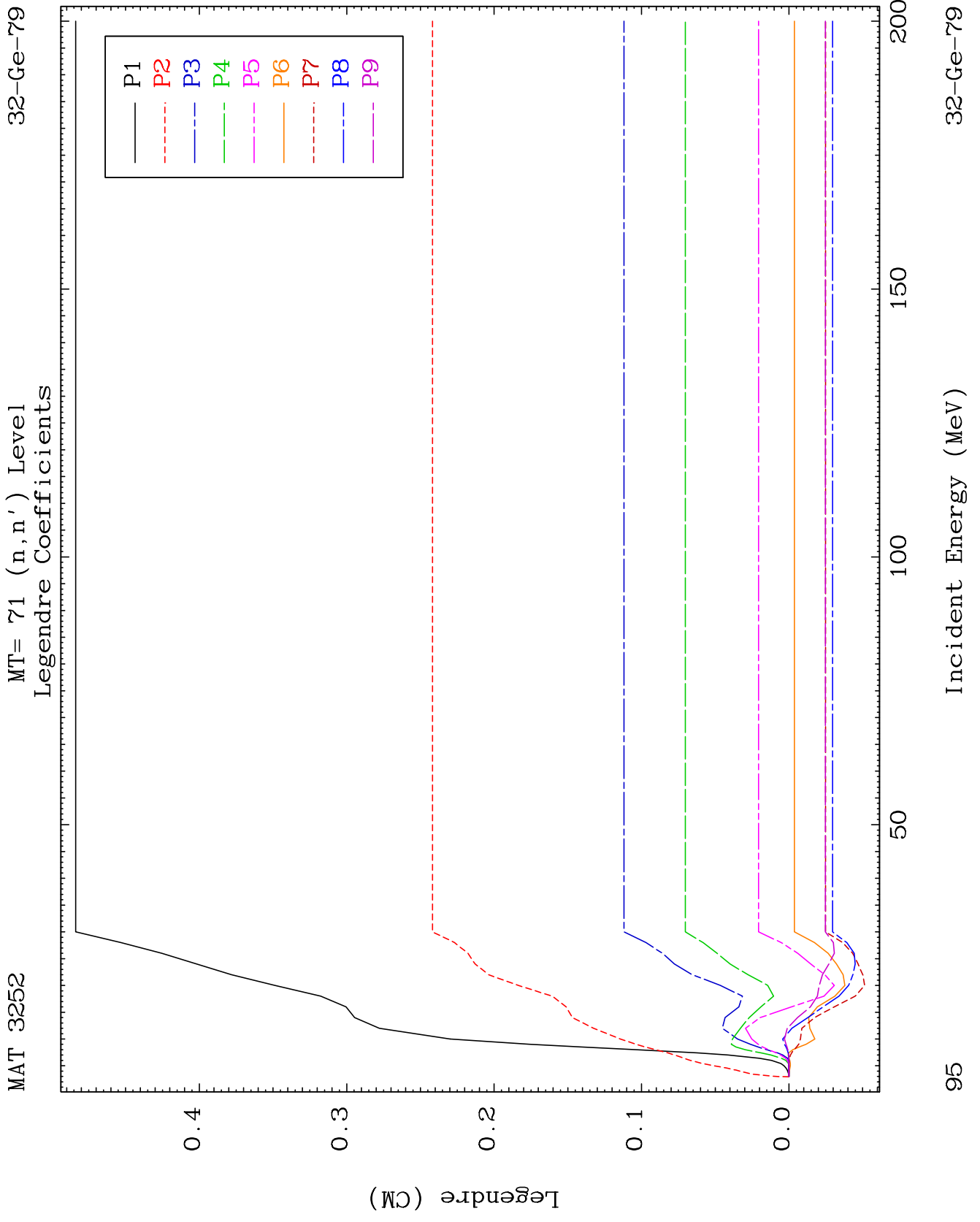
MAT 3252

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

32-Ge-79



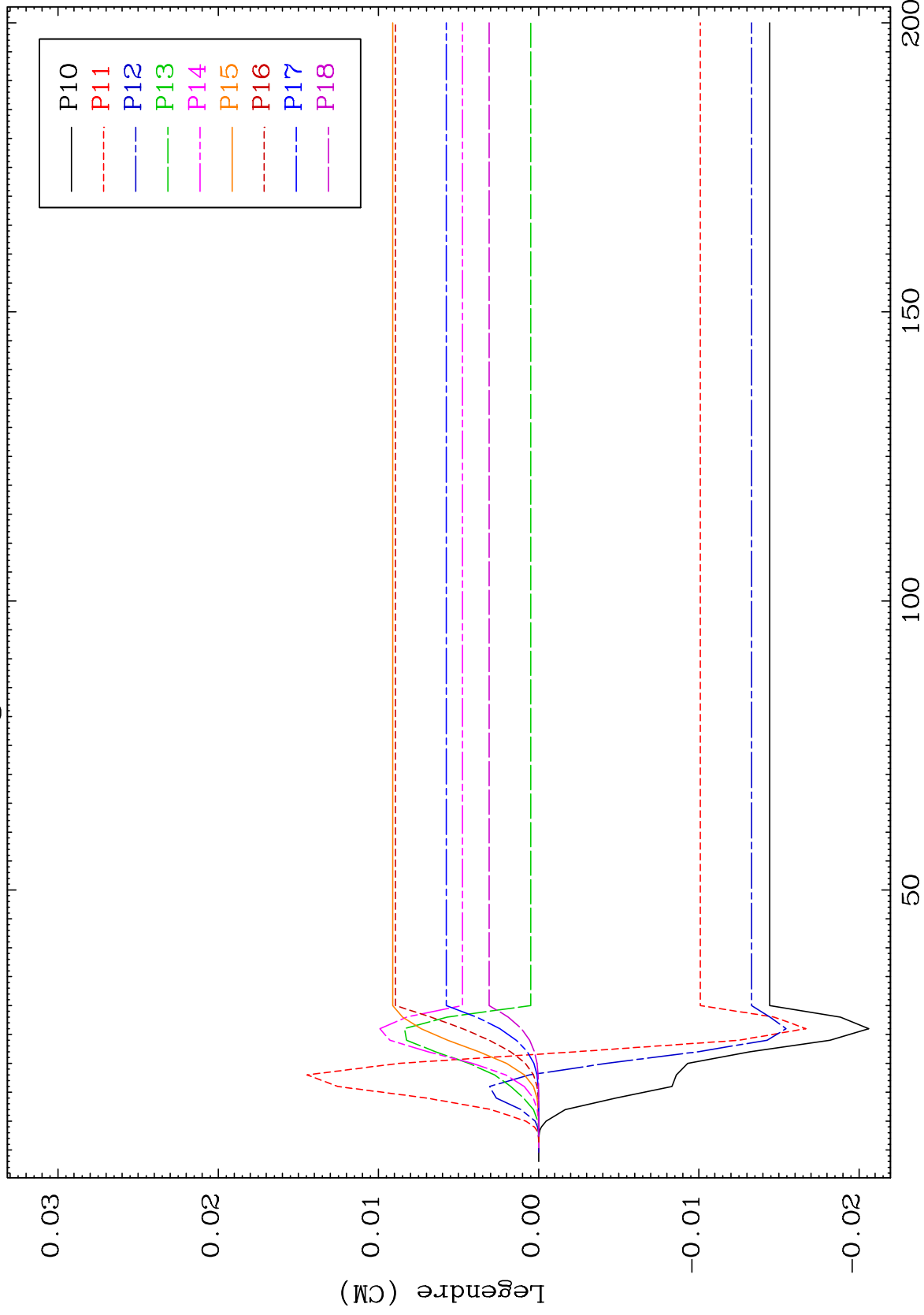




MAT 3252

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

32-Ge-79



96

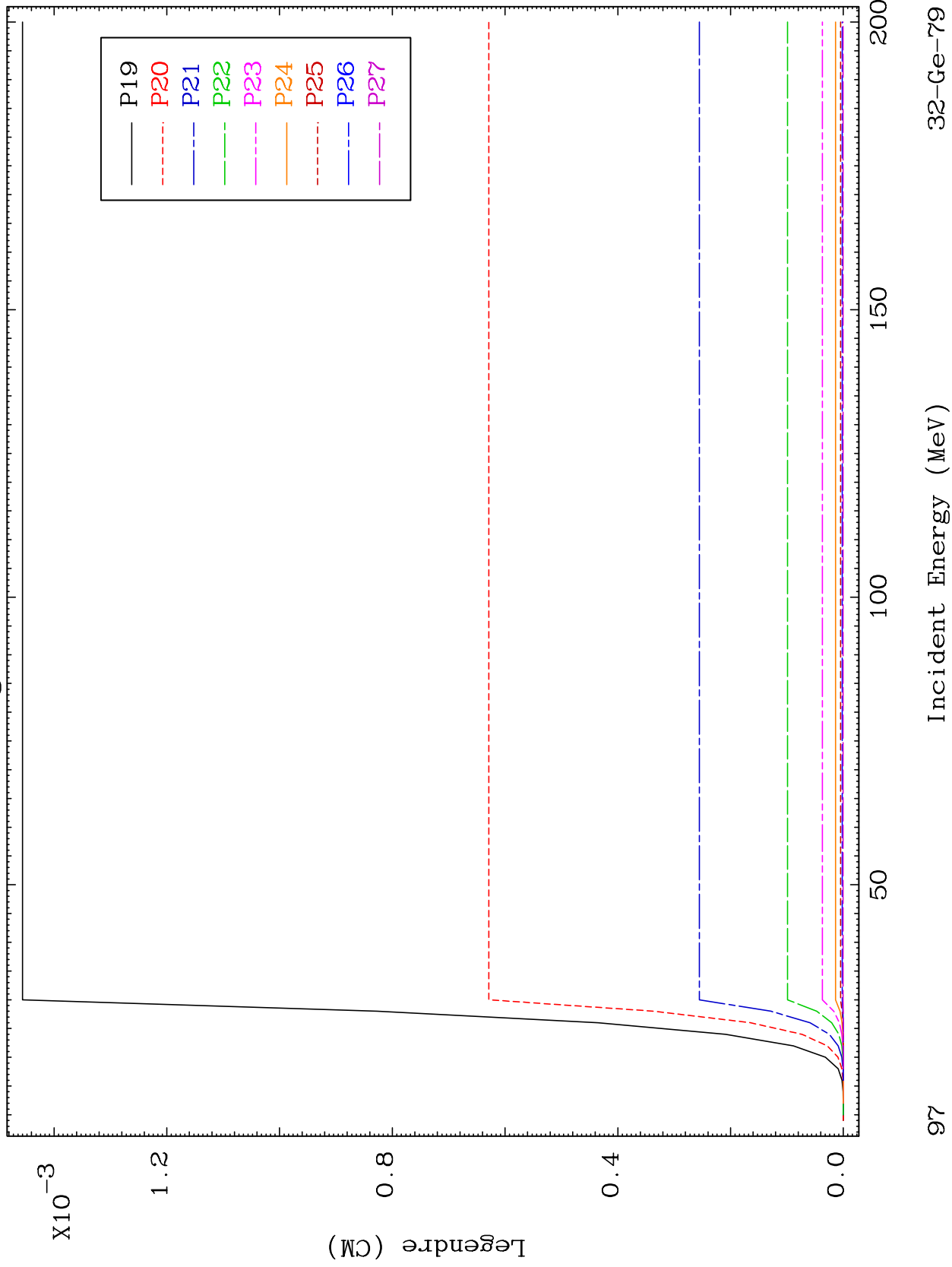
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



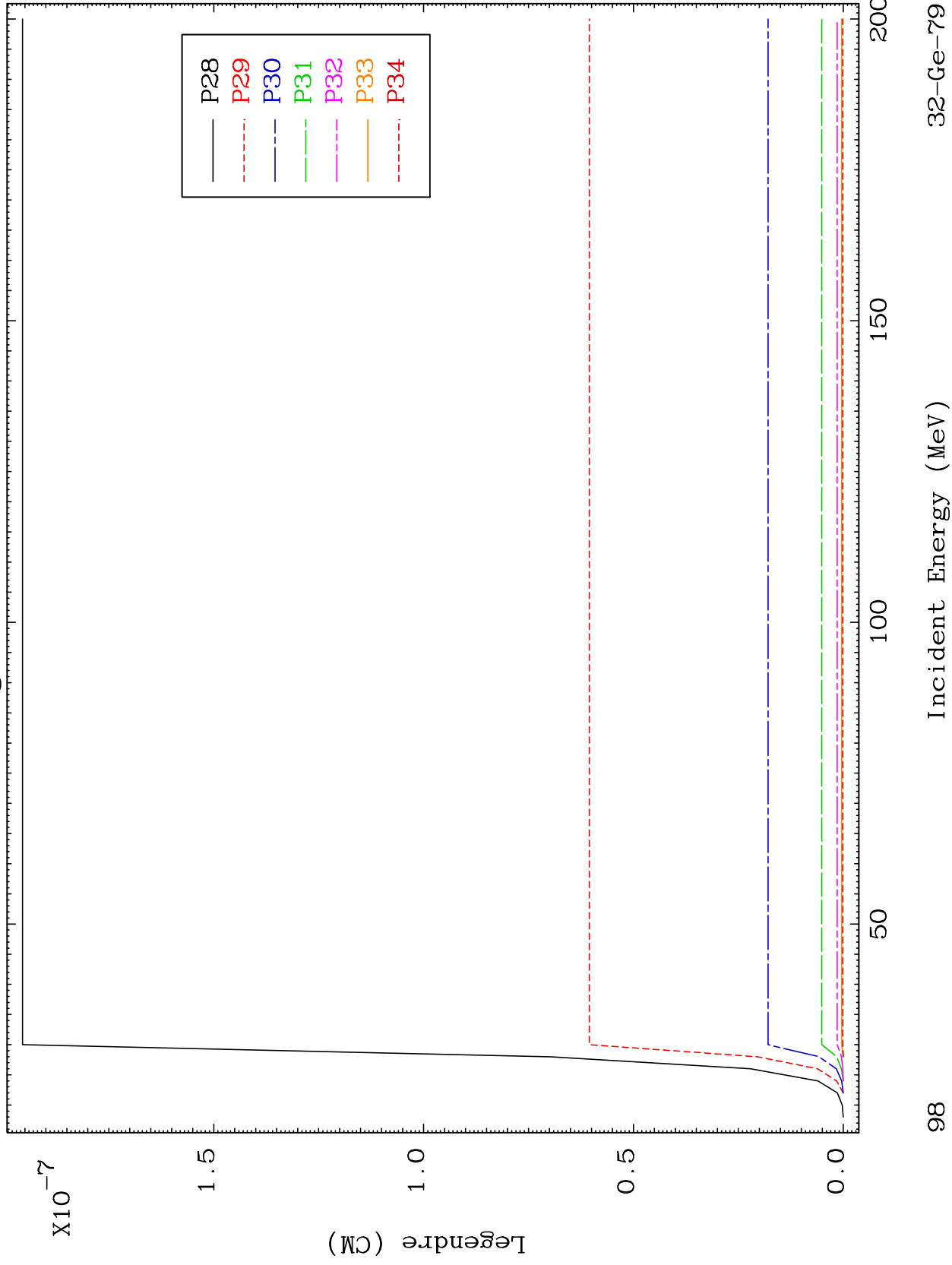
97

32-Ge-79

MAT 3252

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

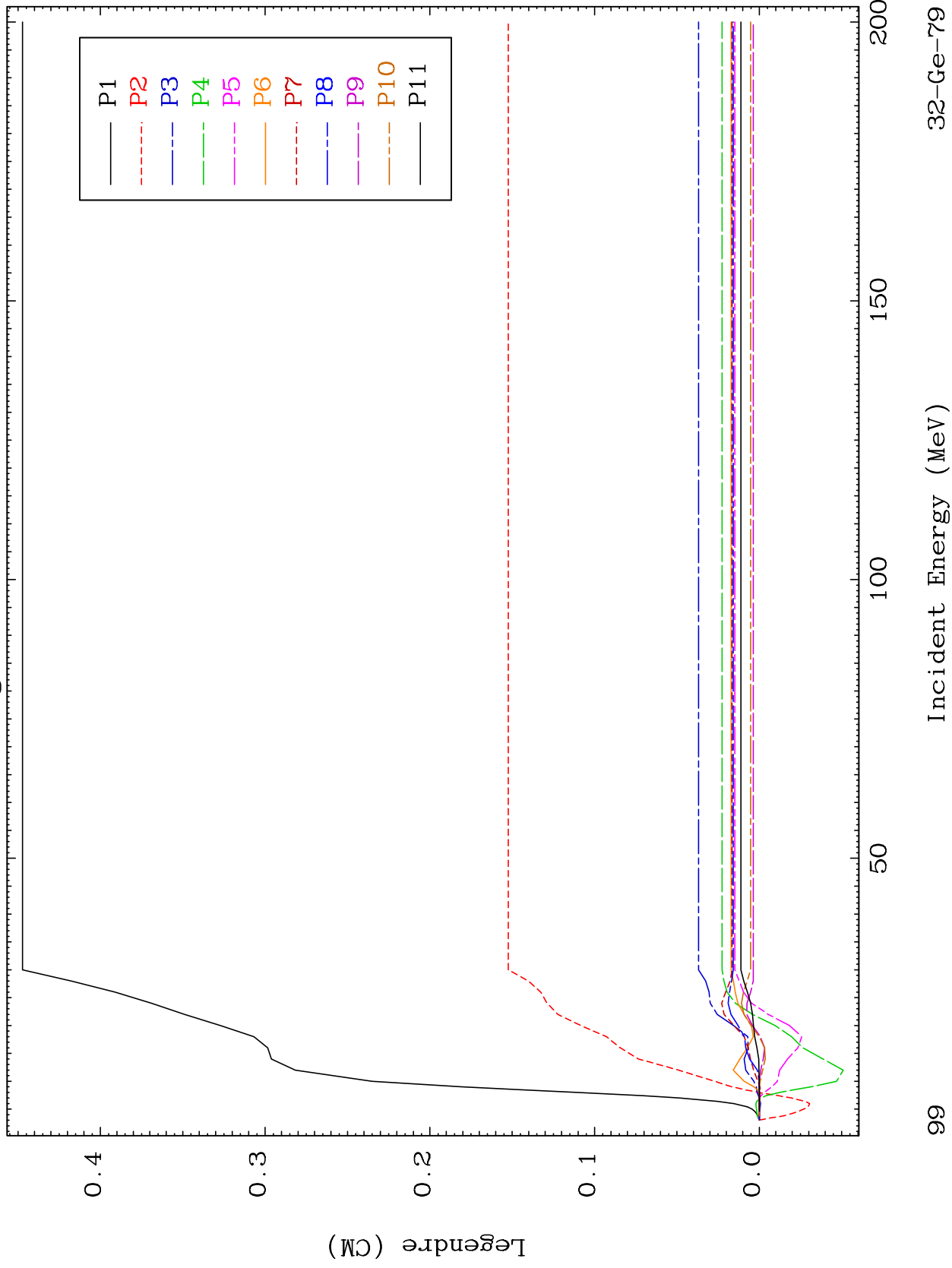
32-Ge-79



MAT 3252

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

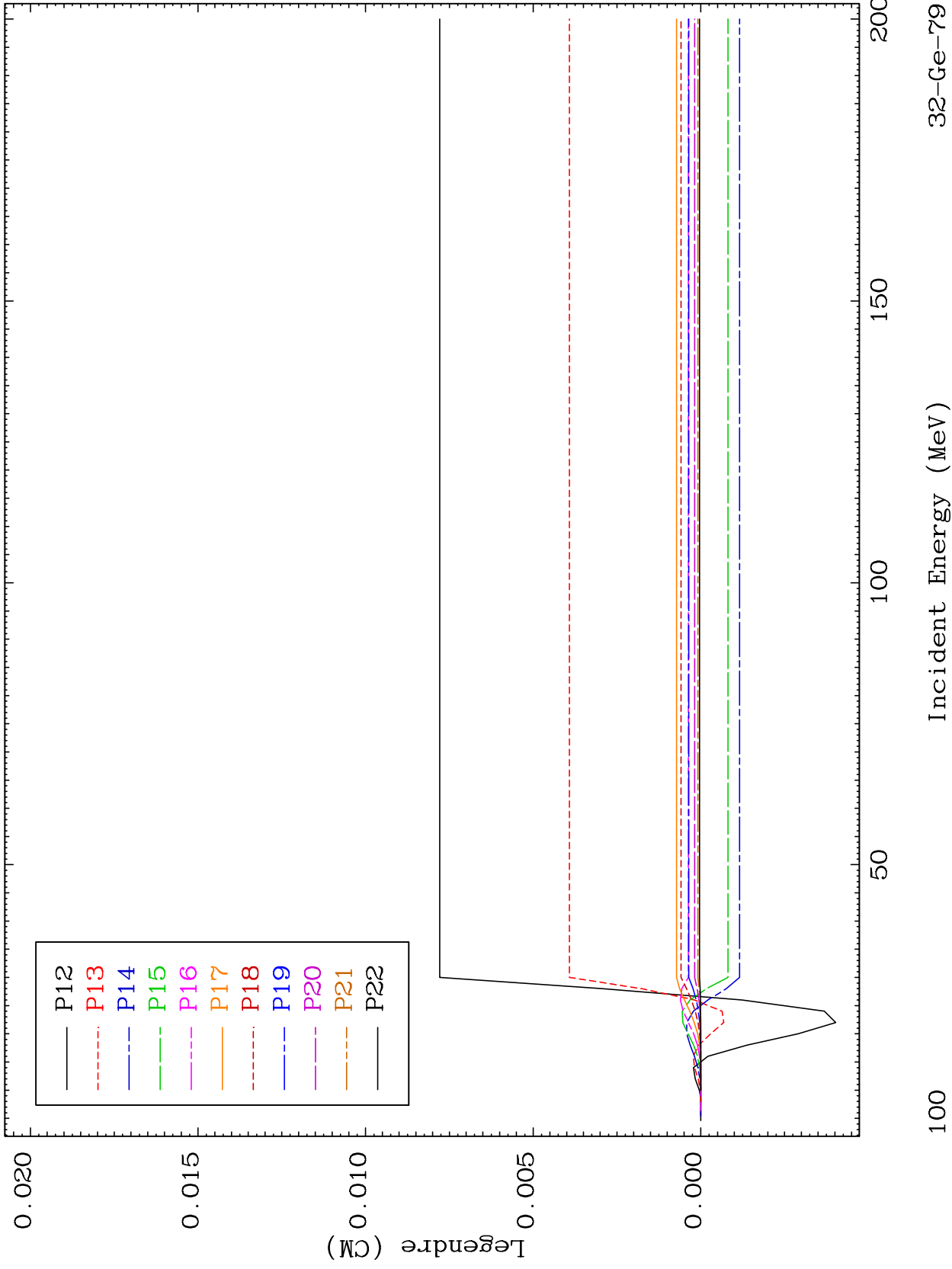
32-Ge-79



MAT 3252

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

32-Ge-79



100

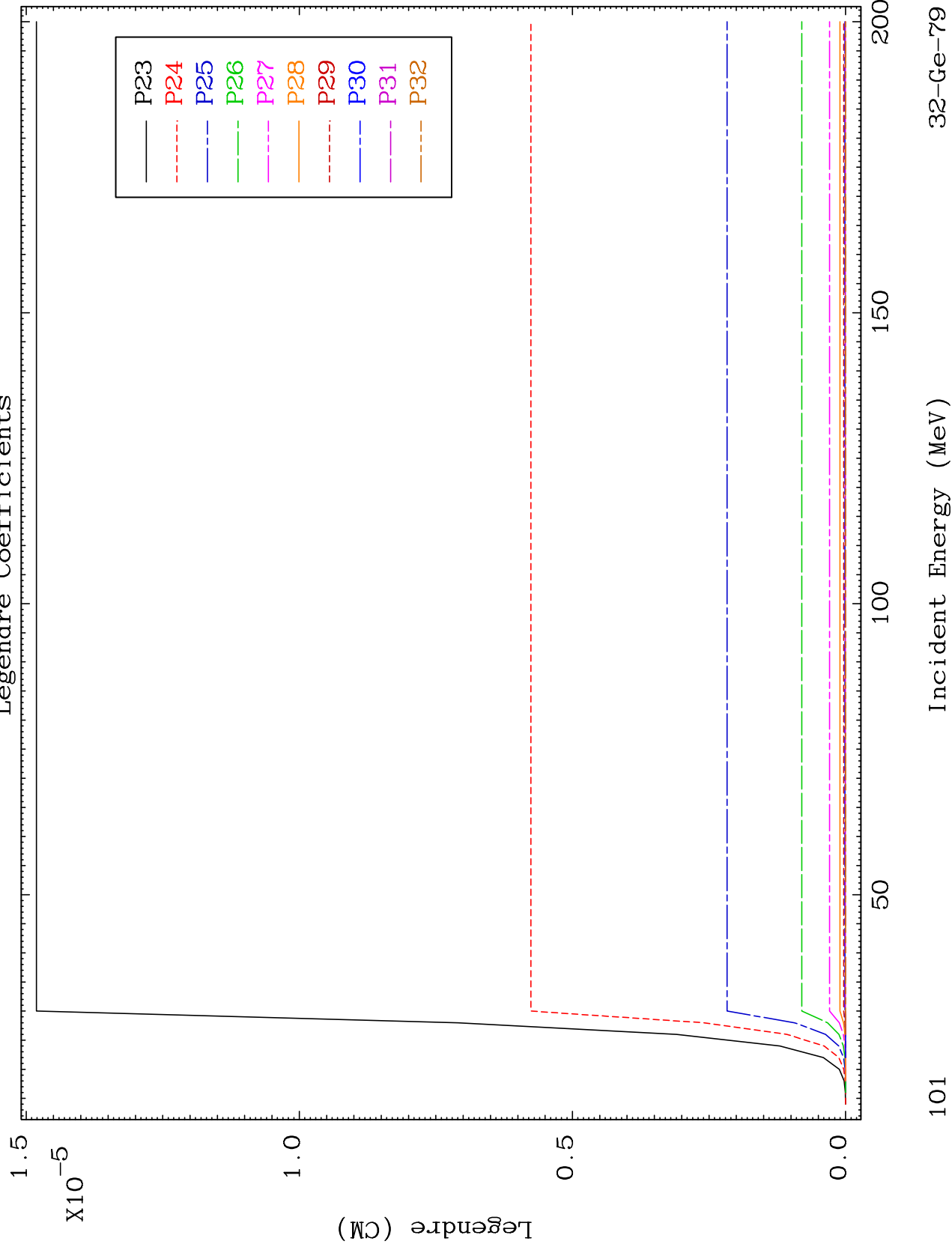
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

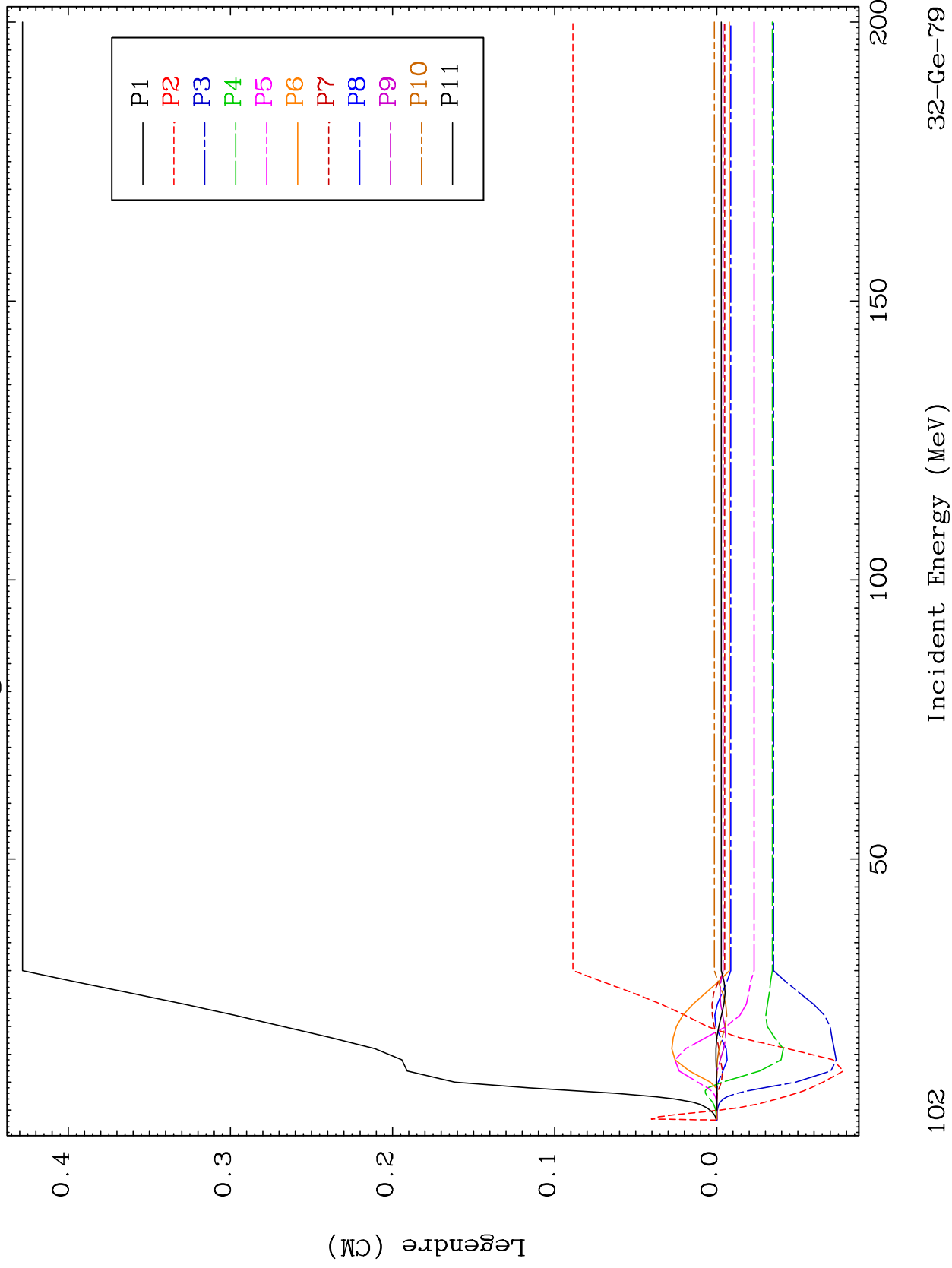
32-Ge-79



MAT 3252

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

32-Ge-79



102

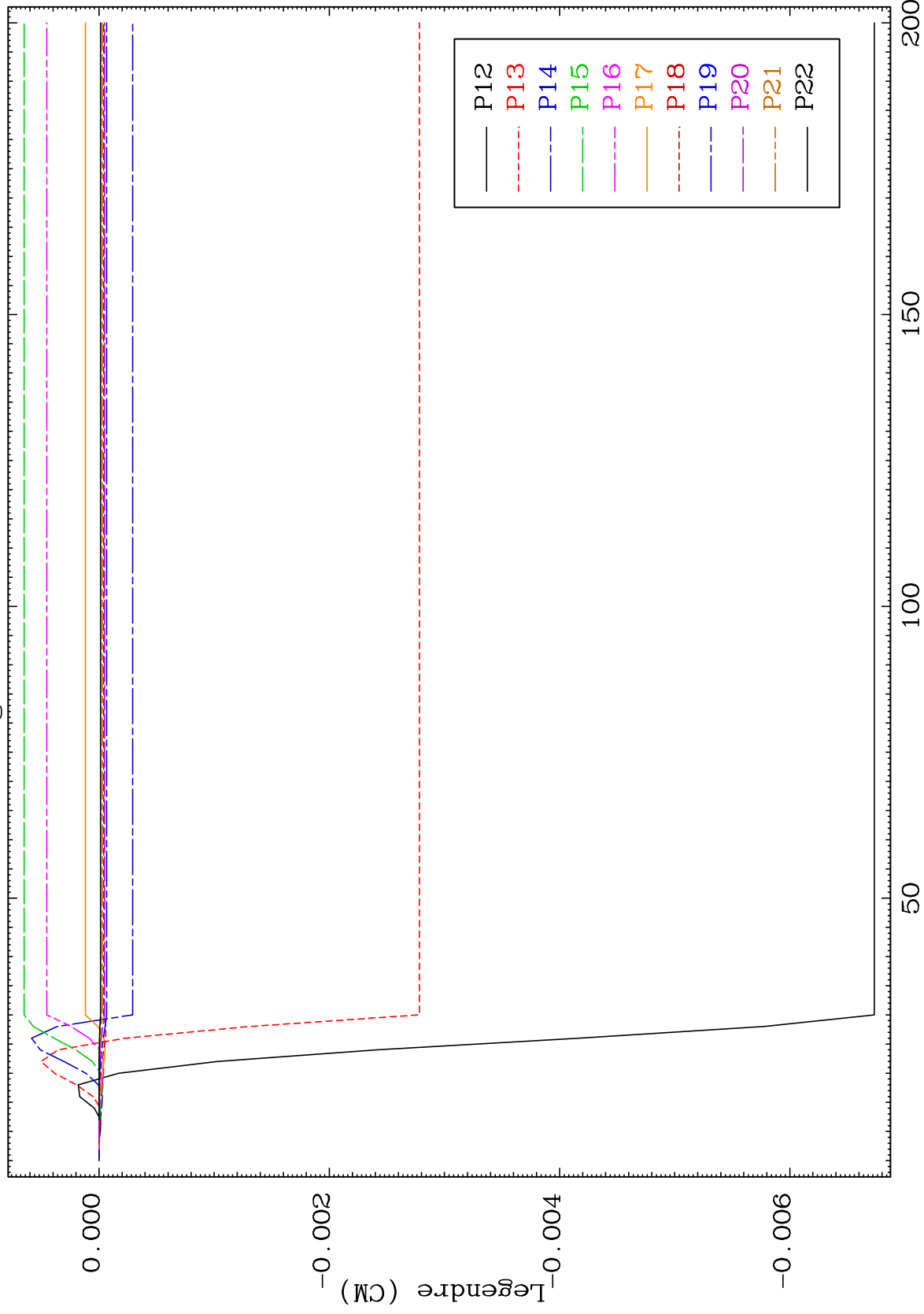
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

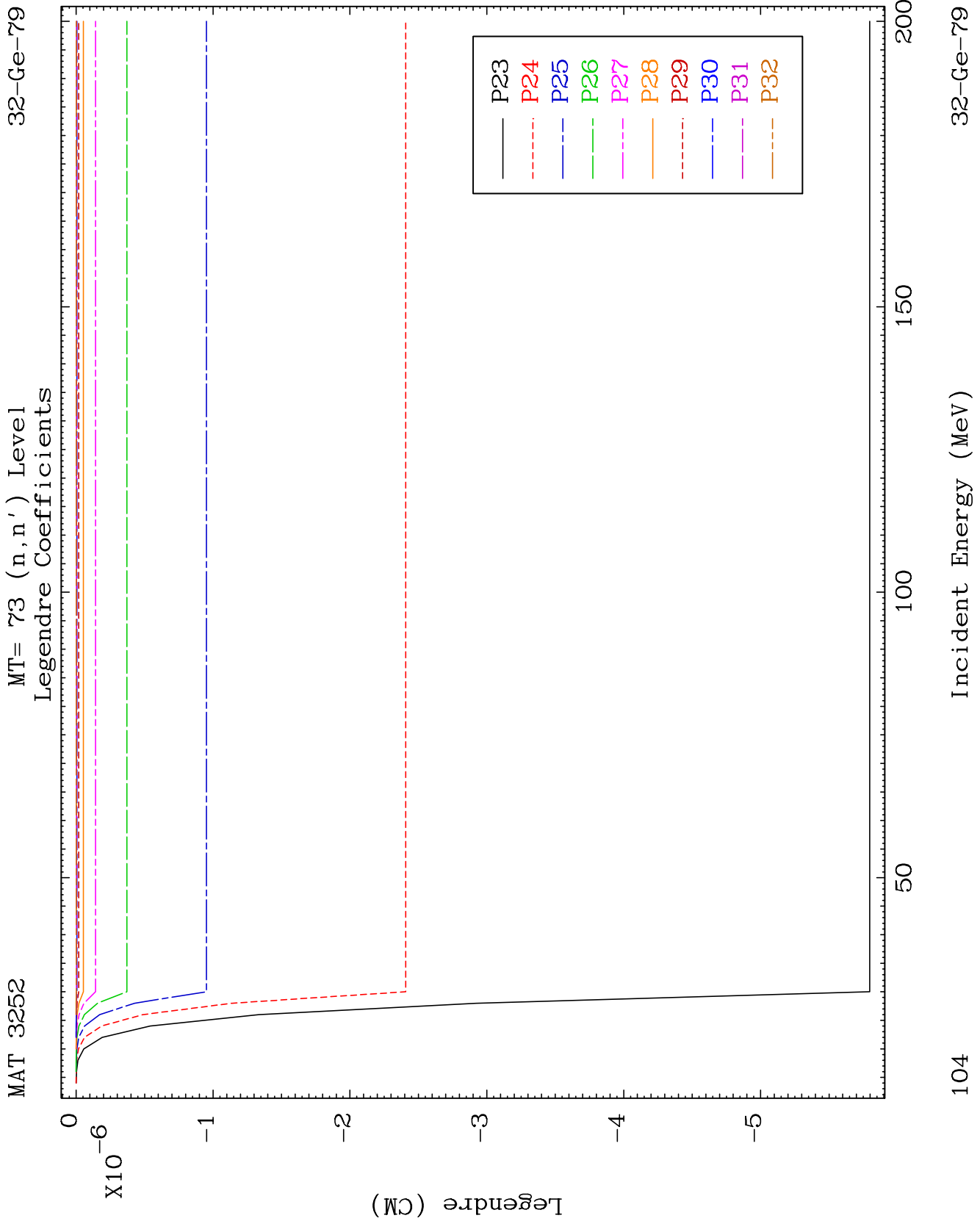
32-Ge-79



103

Incident Energy (MeV)

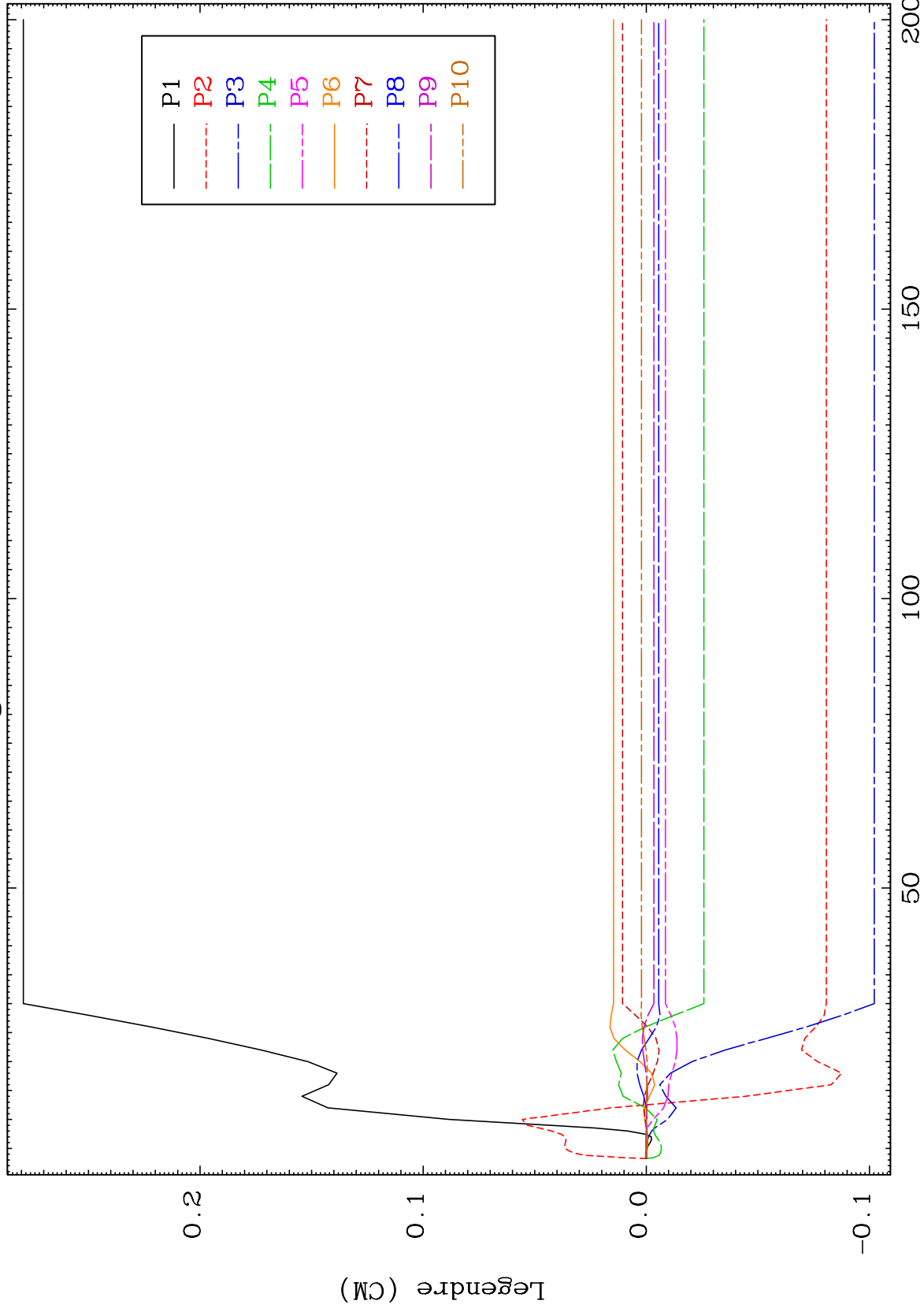
32-Ge-79



MAT 3252

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

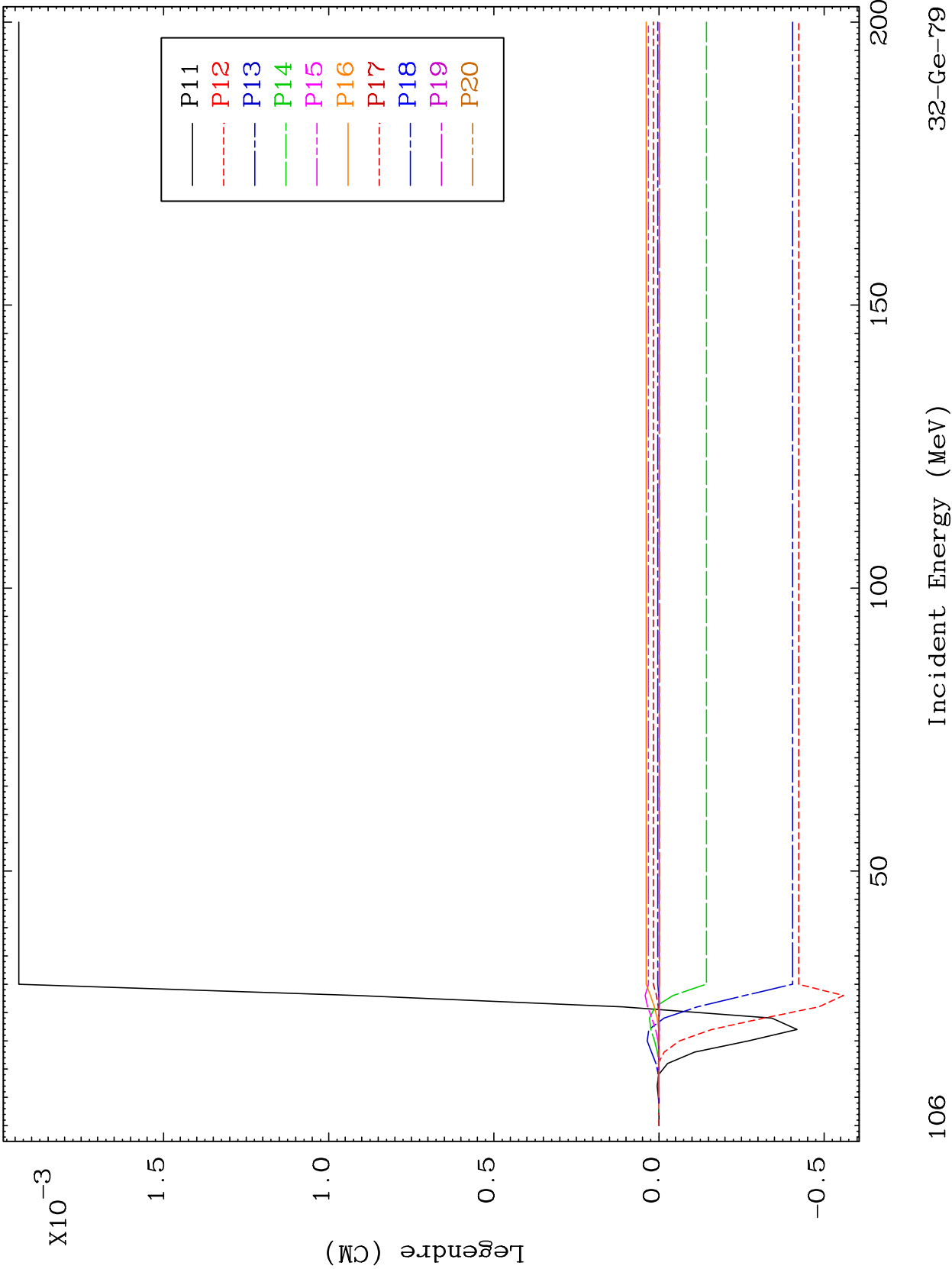
32-Ge-79

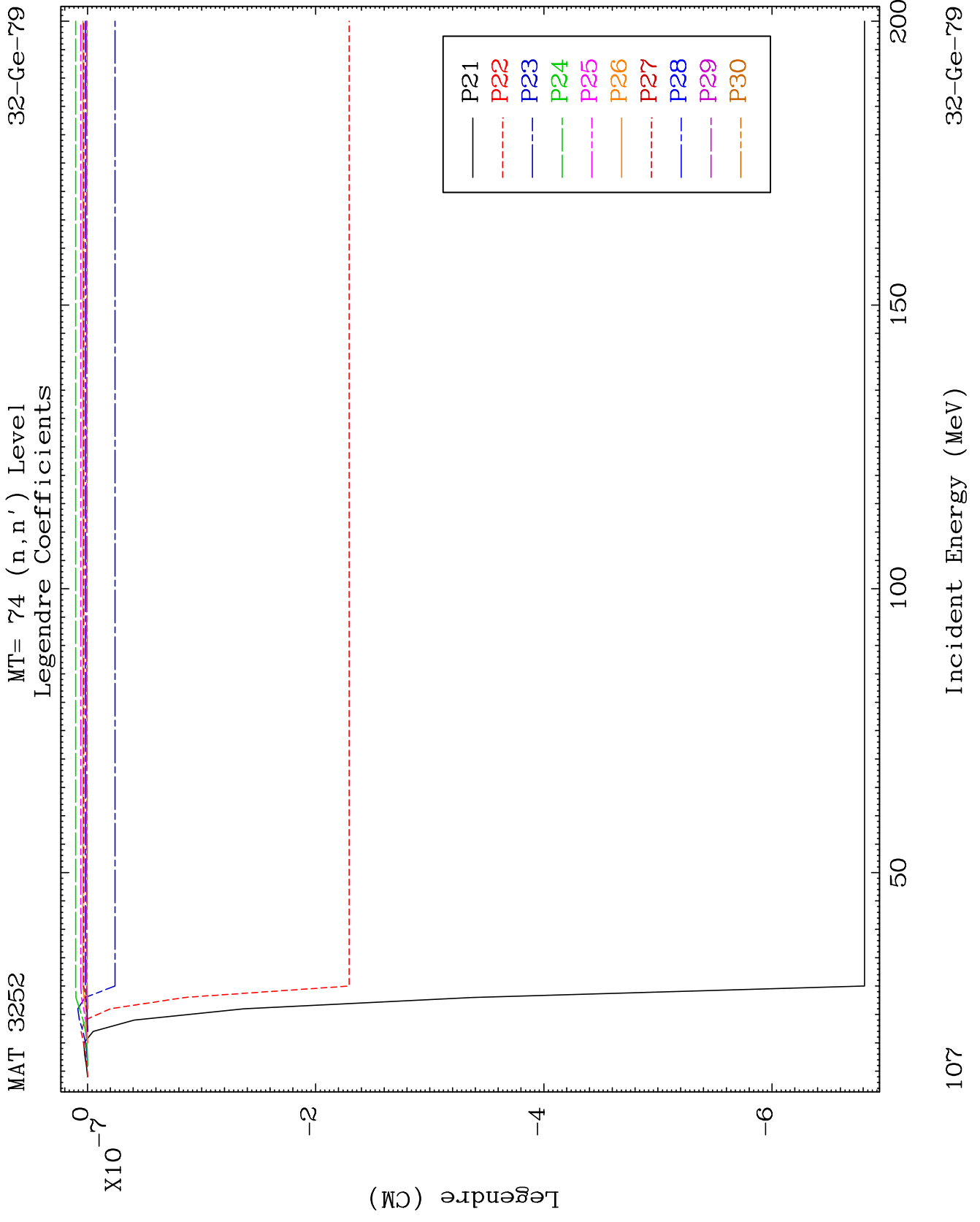


105

Incident Energy (MeV)

32-Ge-79

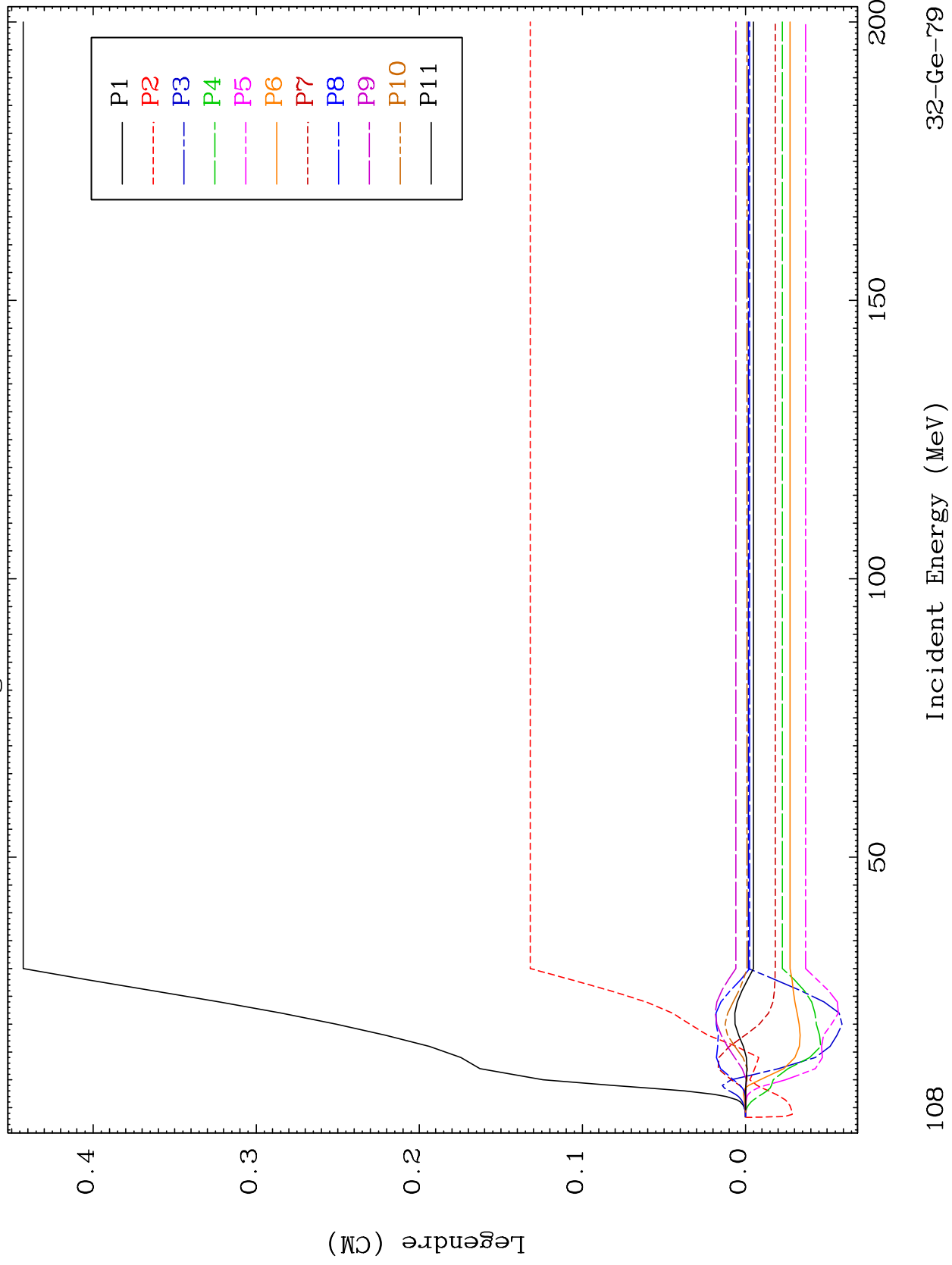




MAT 3252

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

32-Ge-79



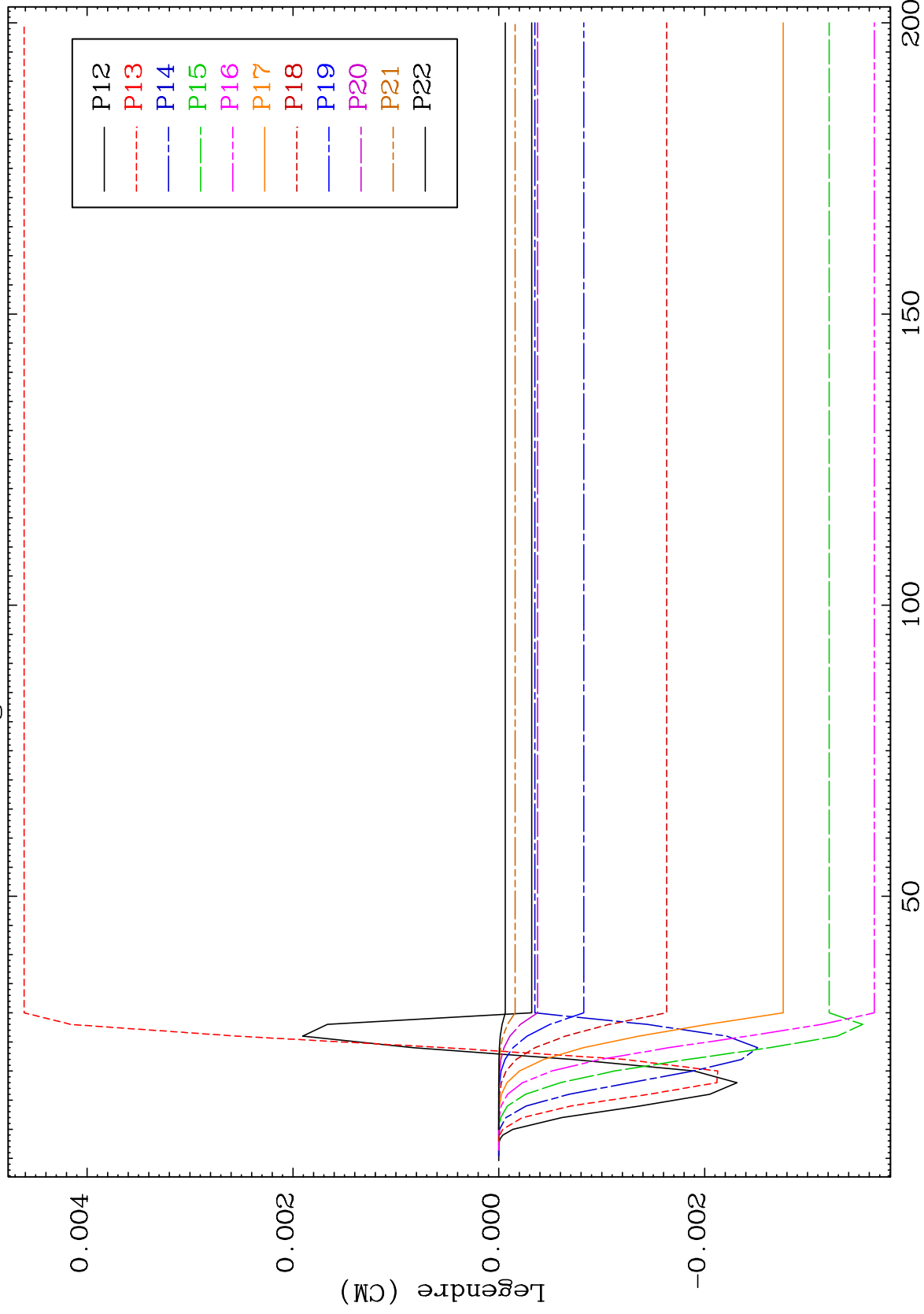
108

32-Ge-79

MAT 3252

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

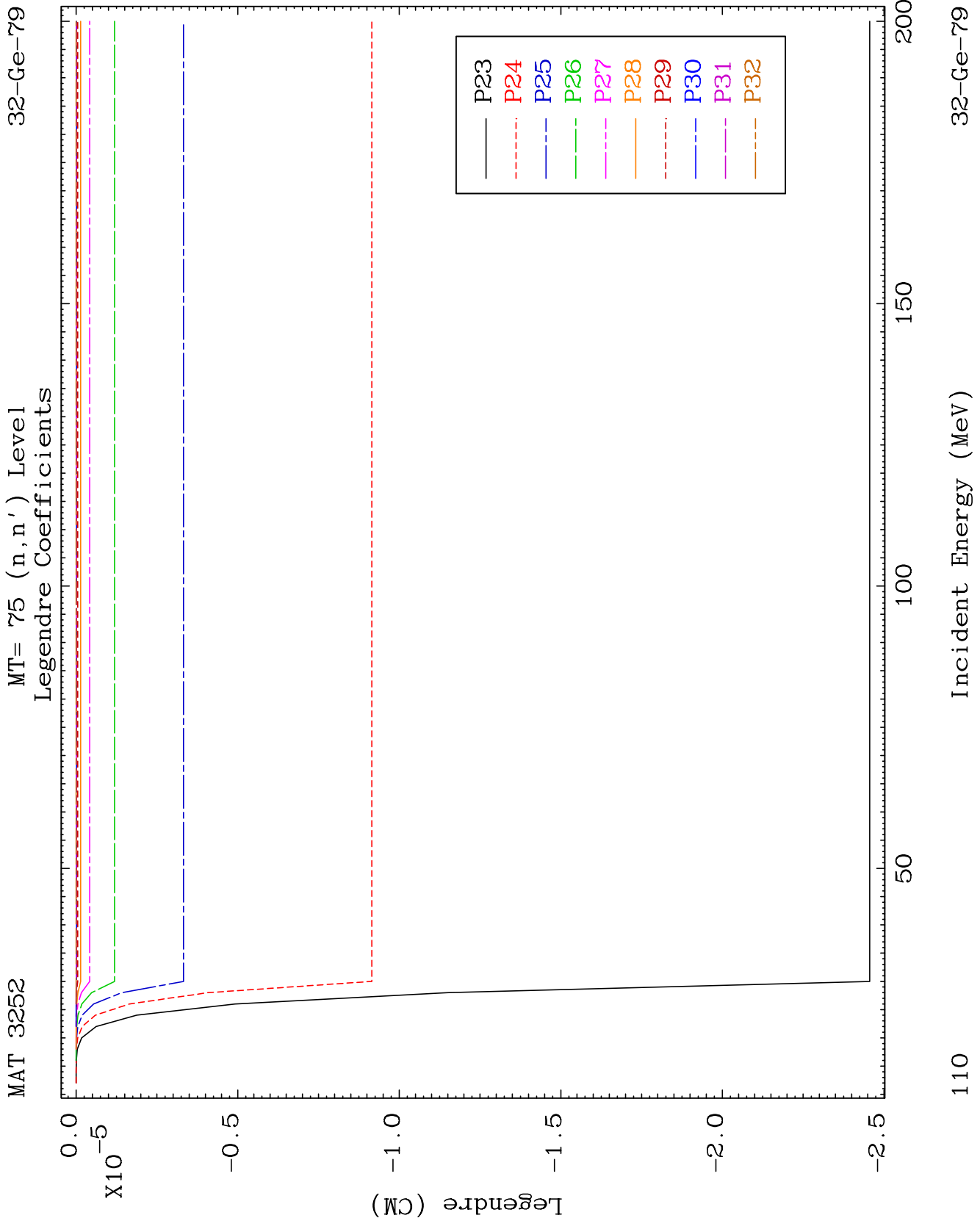
32-Ge-79

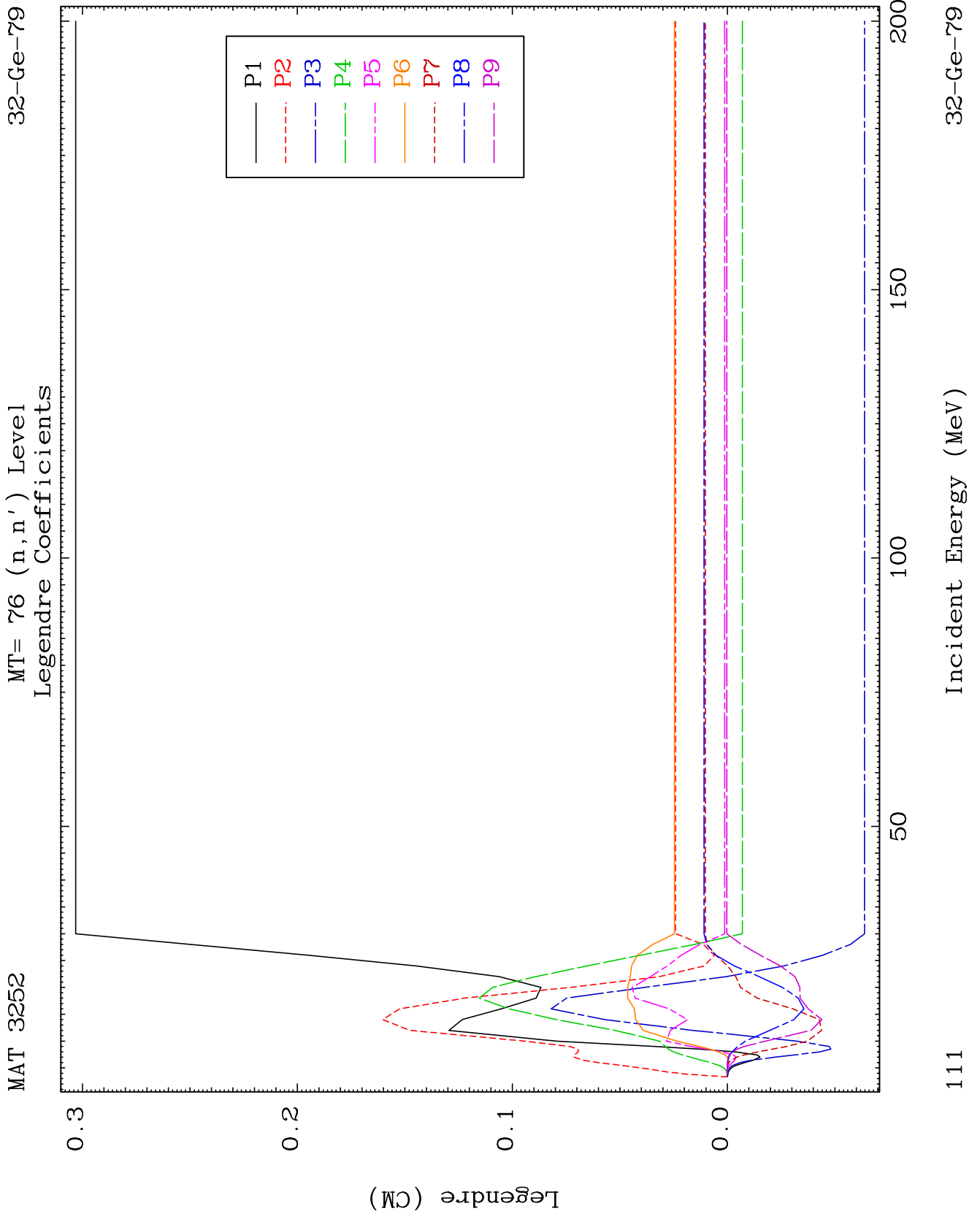


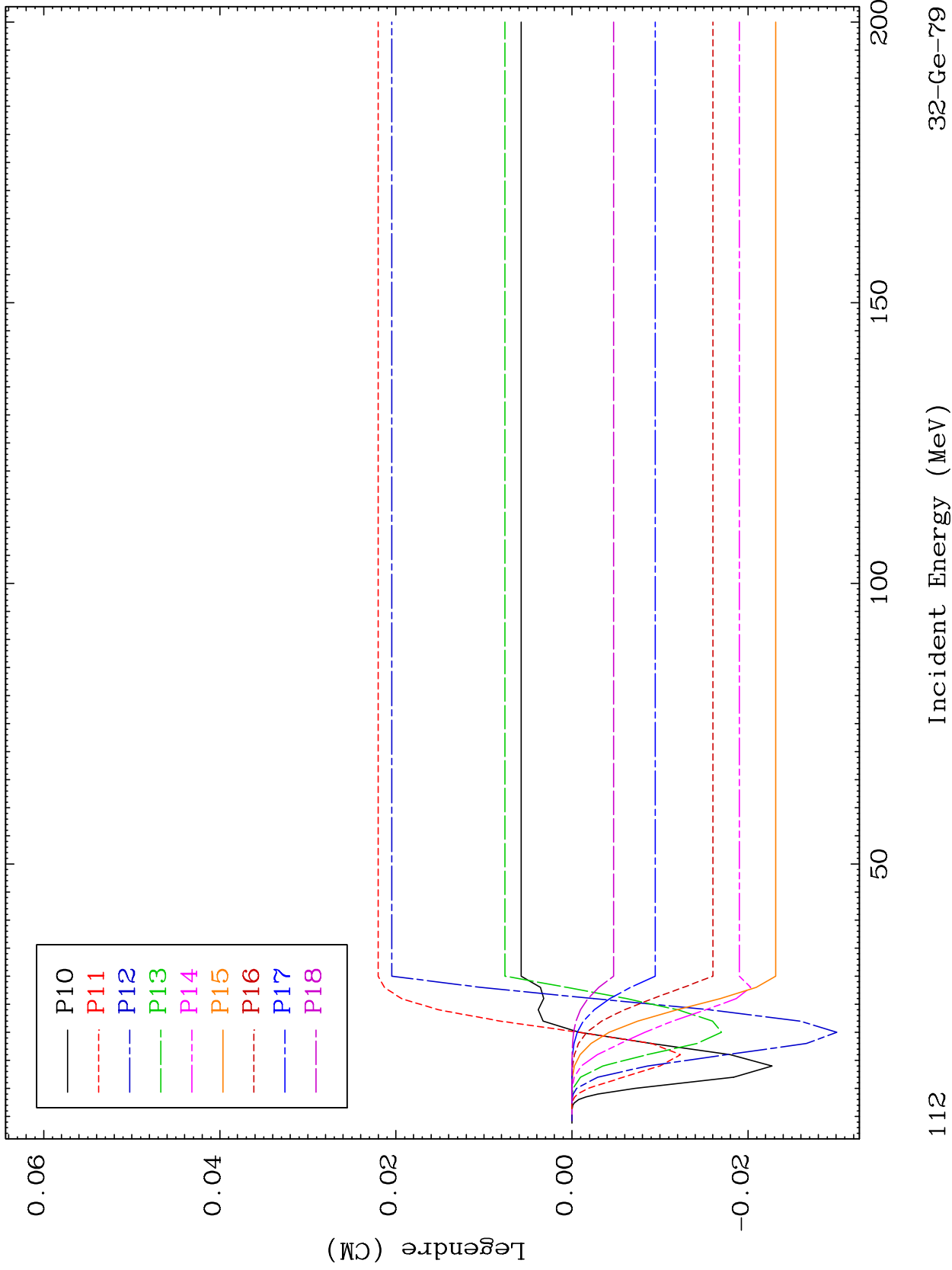
109

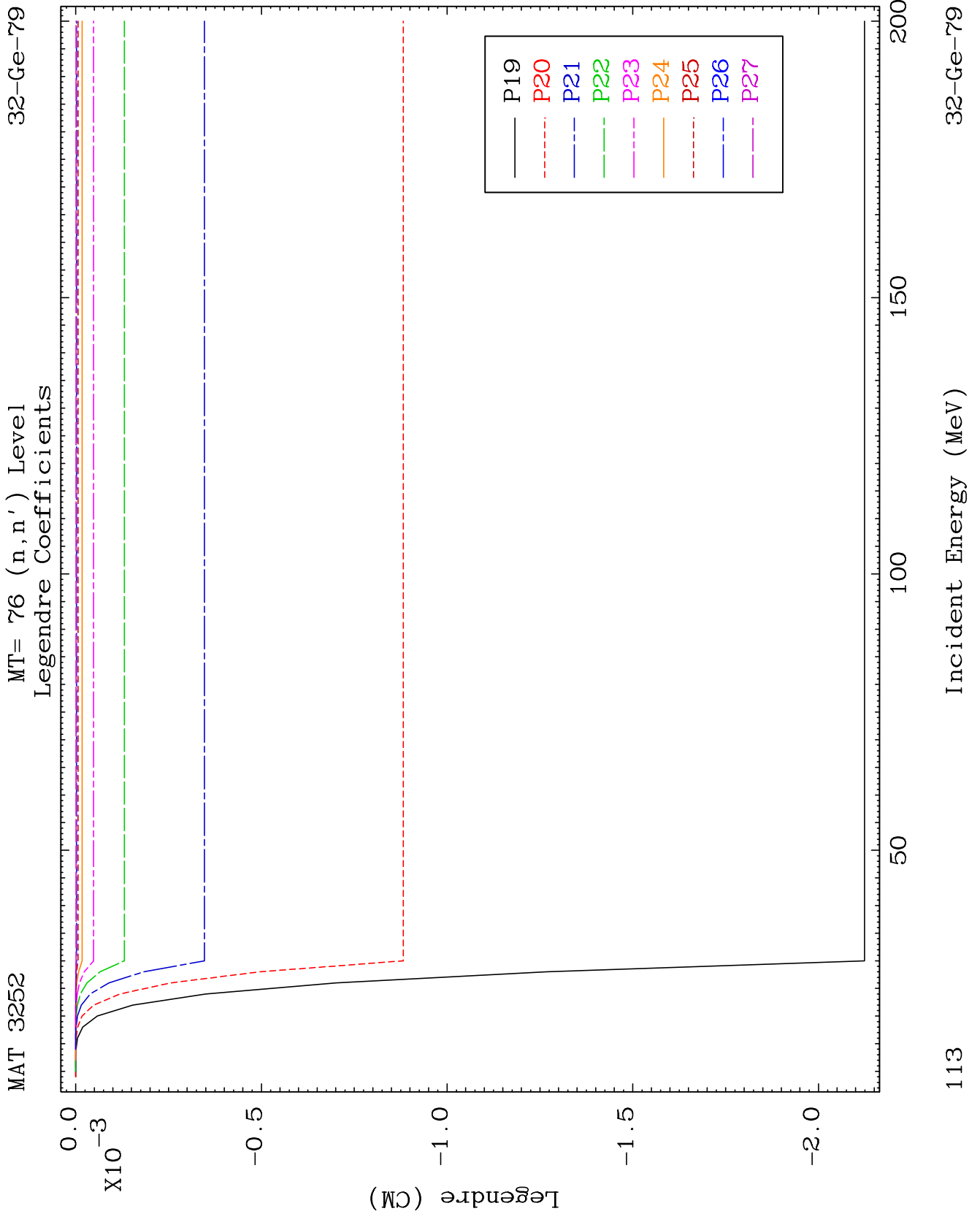
Incident Energy (MeV)

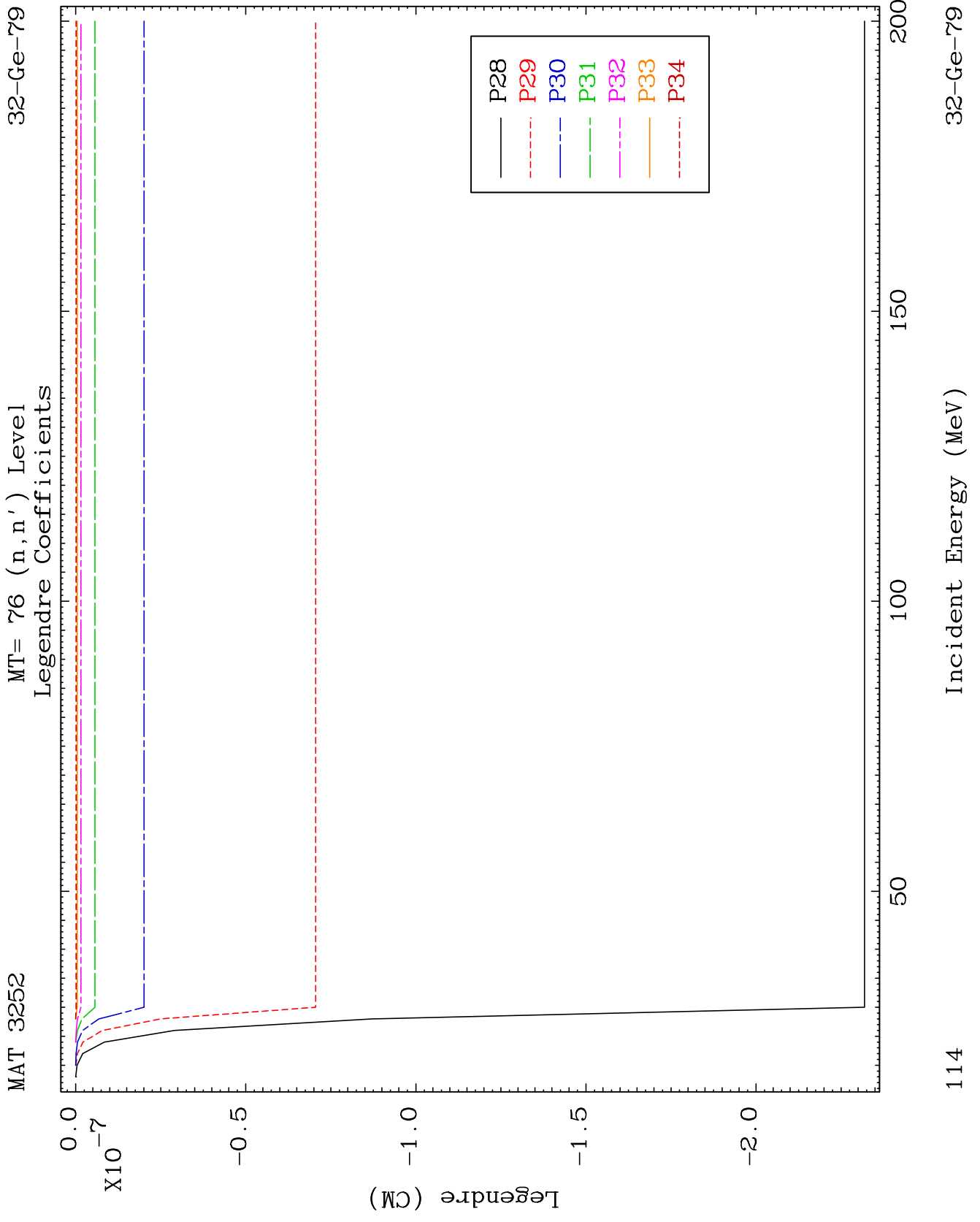
32-Ge-79

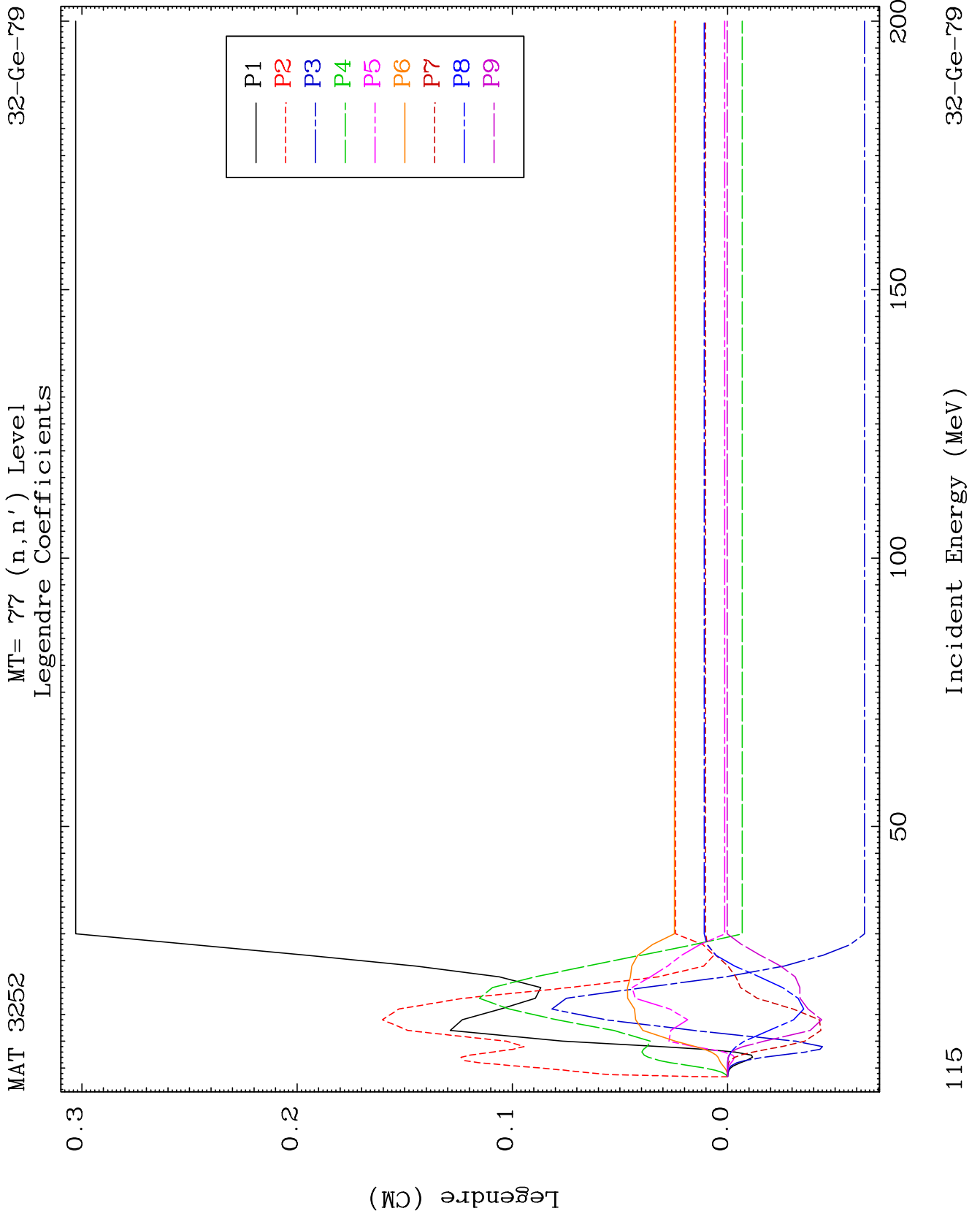


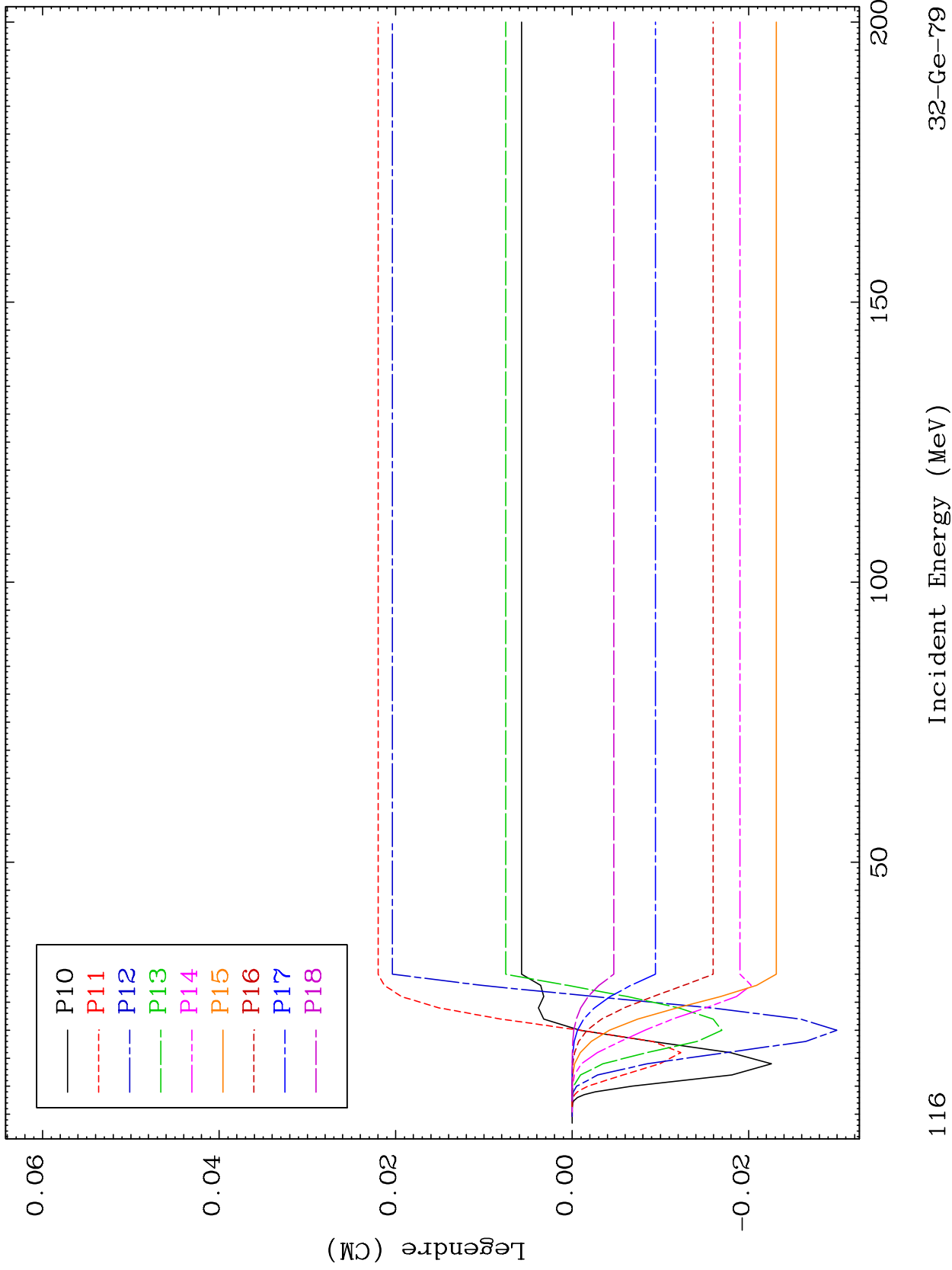


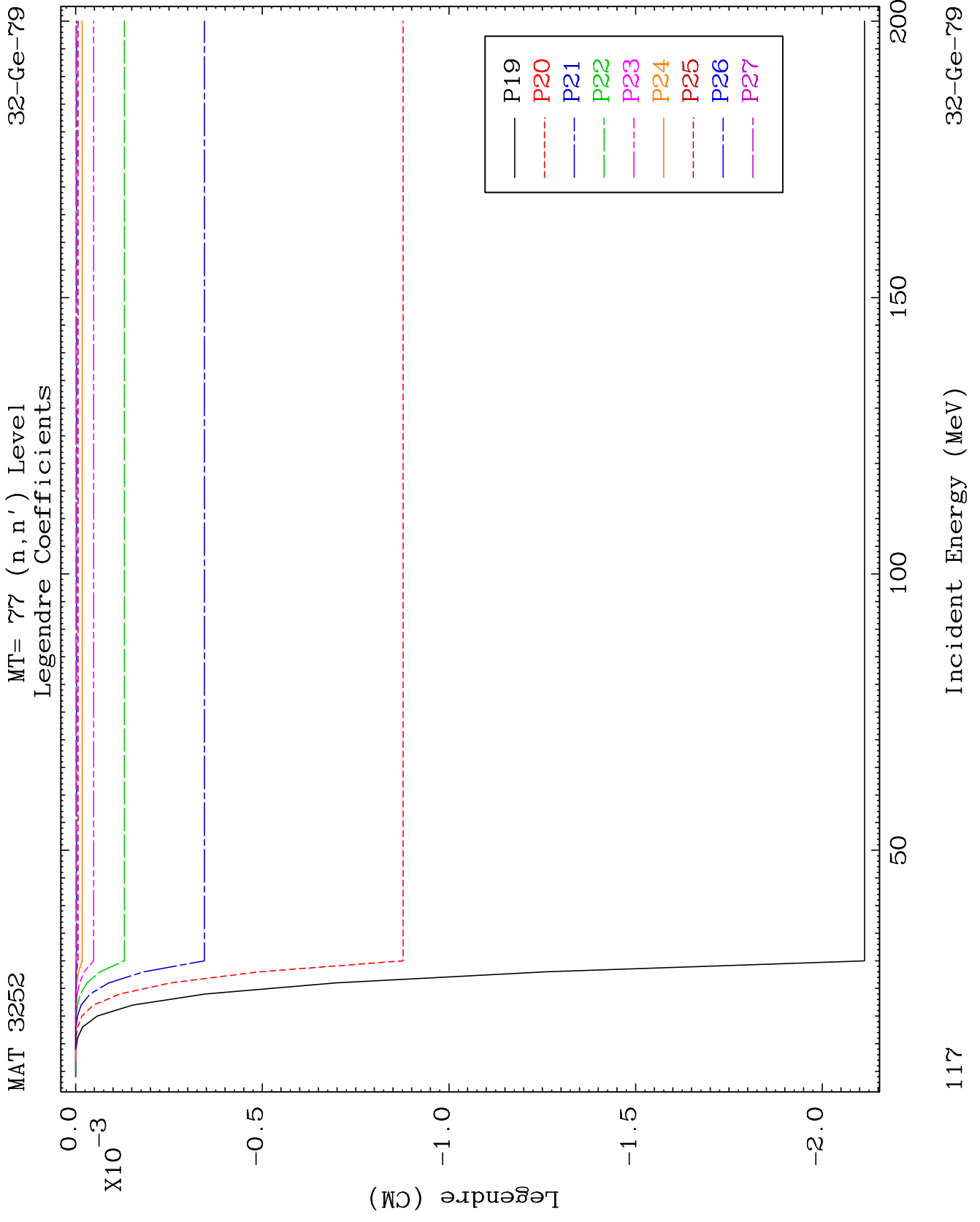


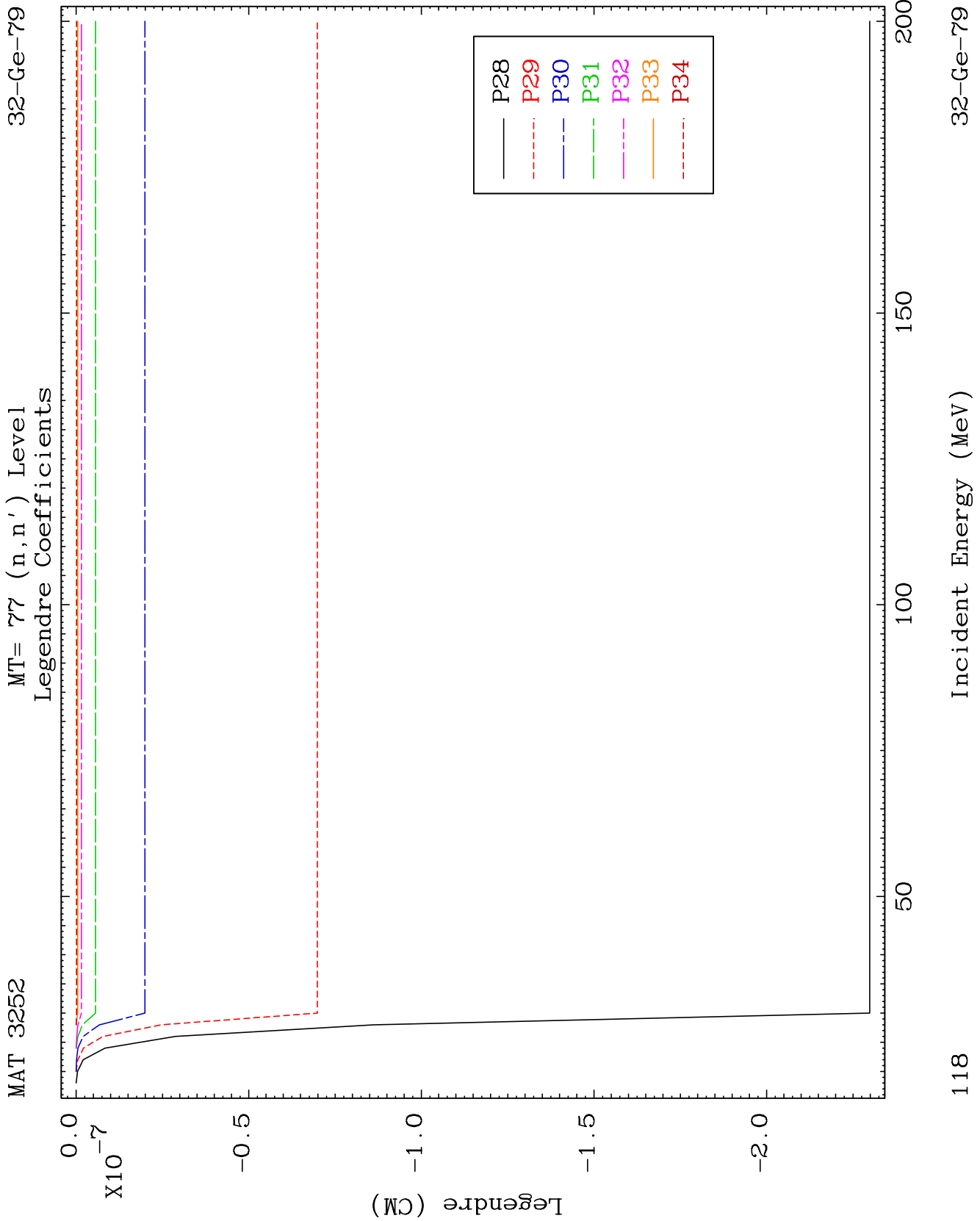








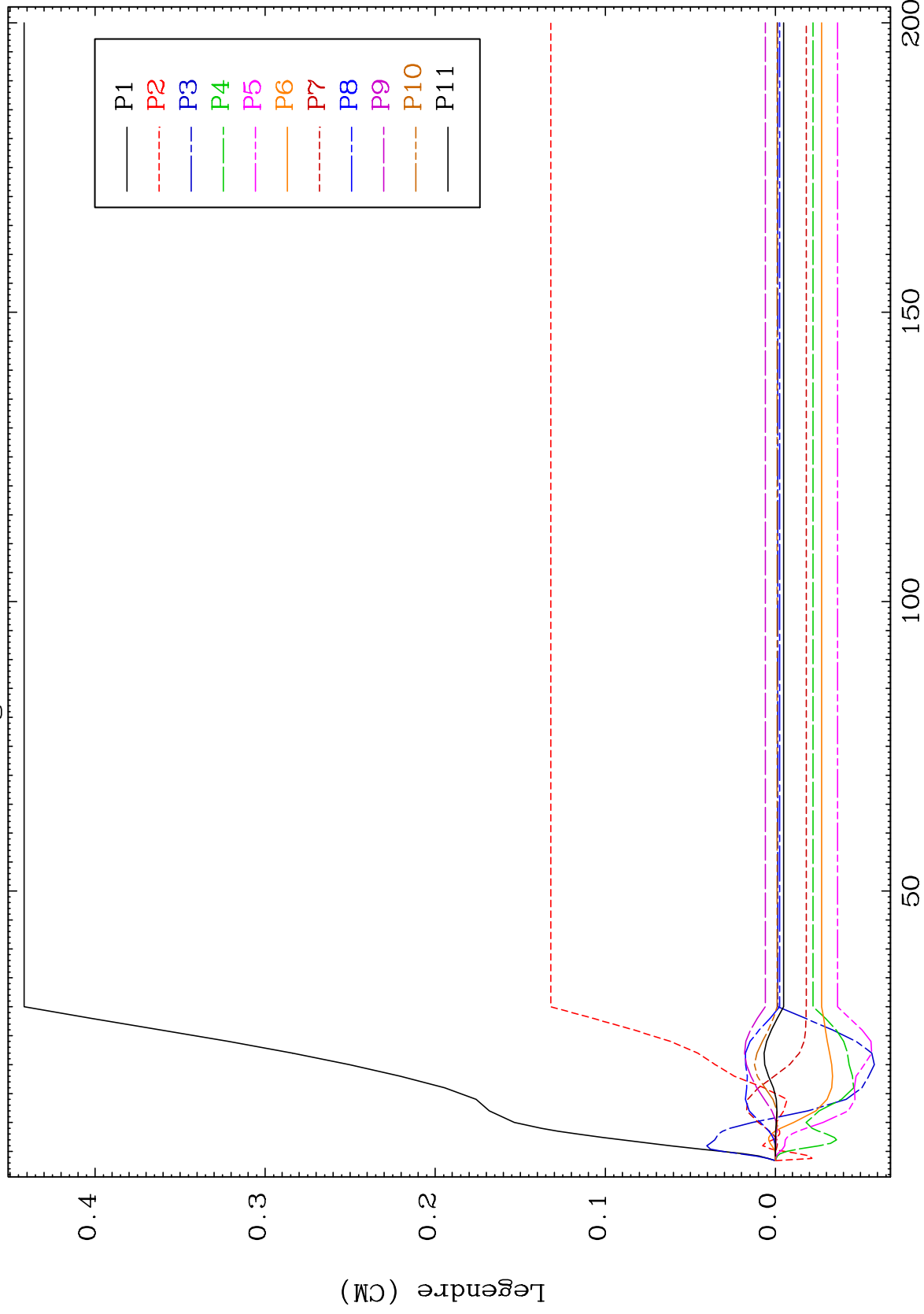




MAT 3252

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

32-Ge-79



119

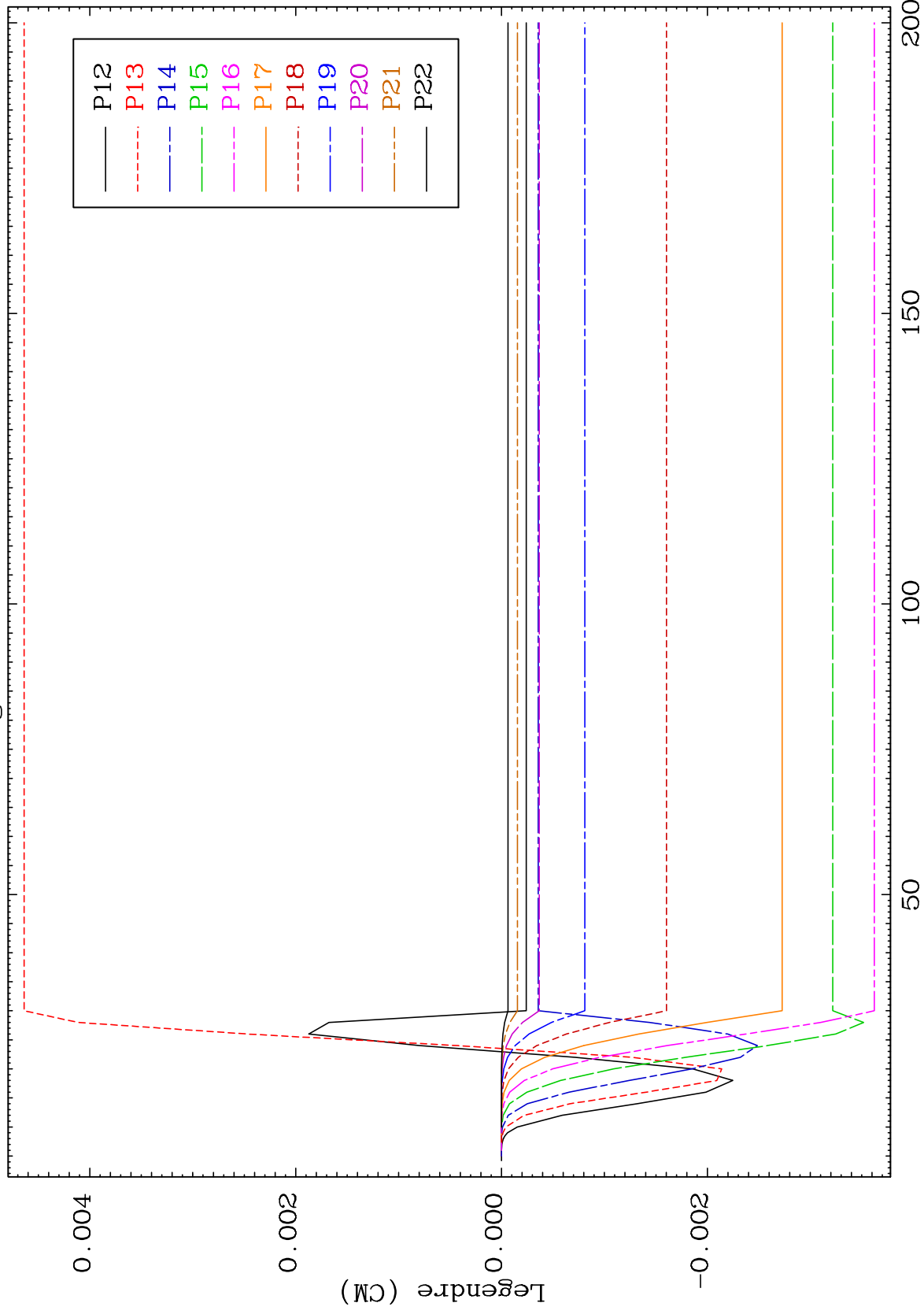
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

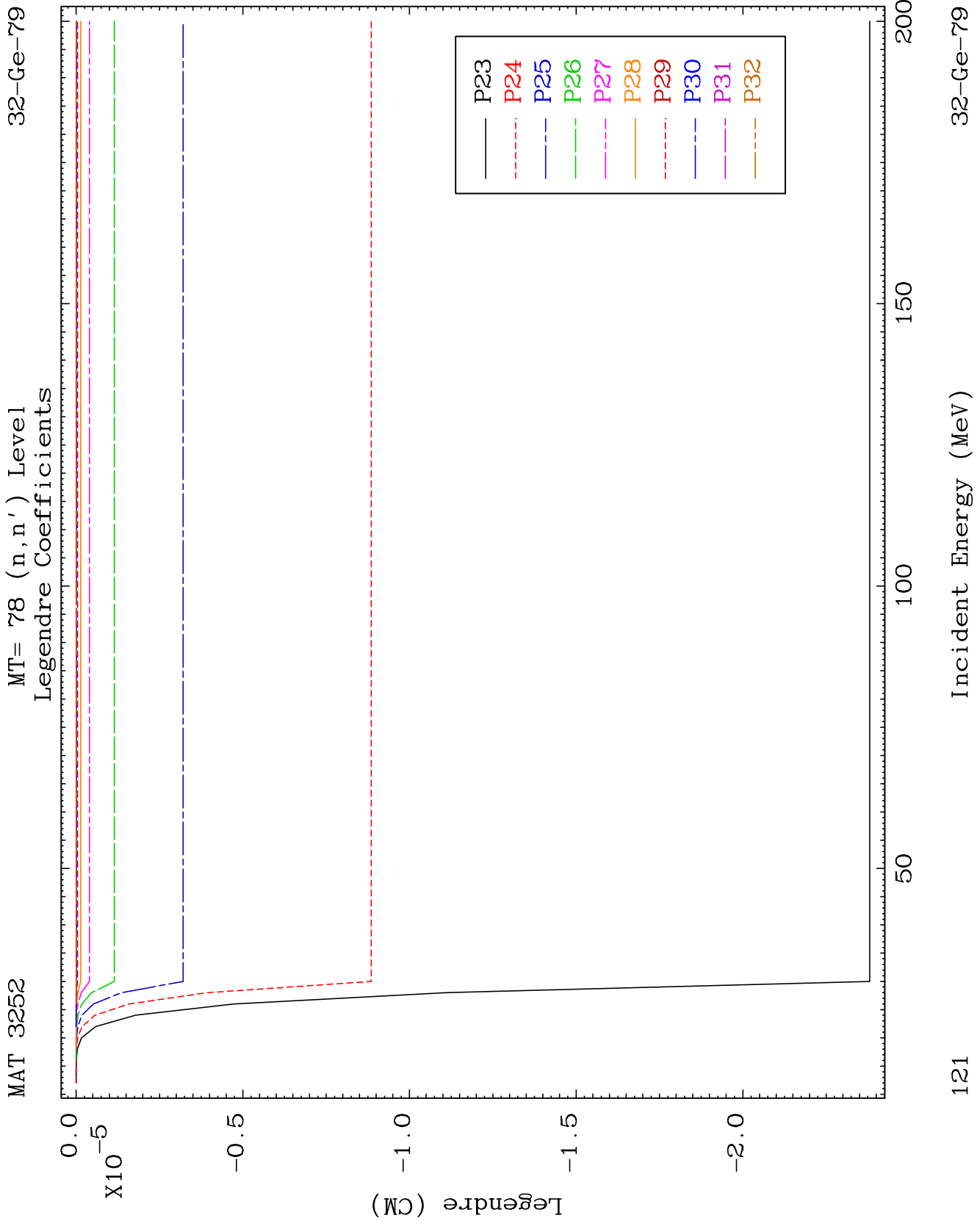
32-Ge-79



120

Incident Energy (MeV)

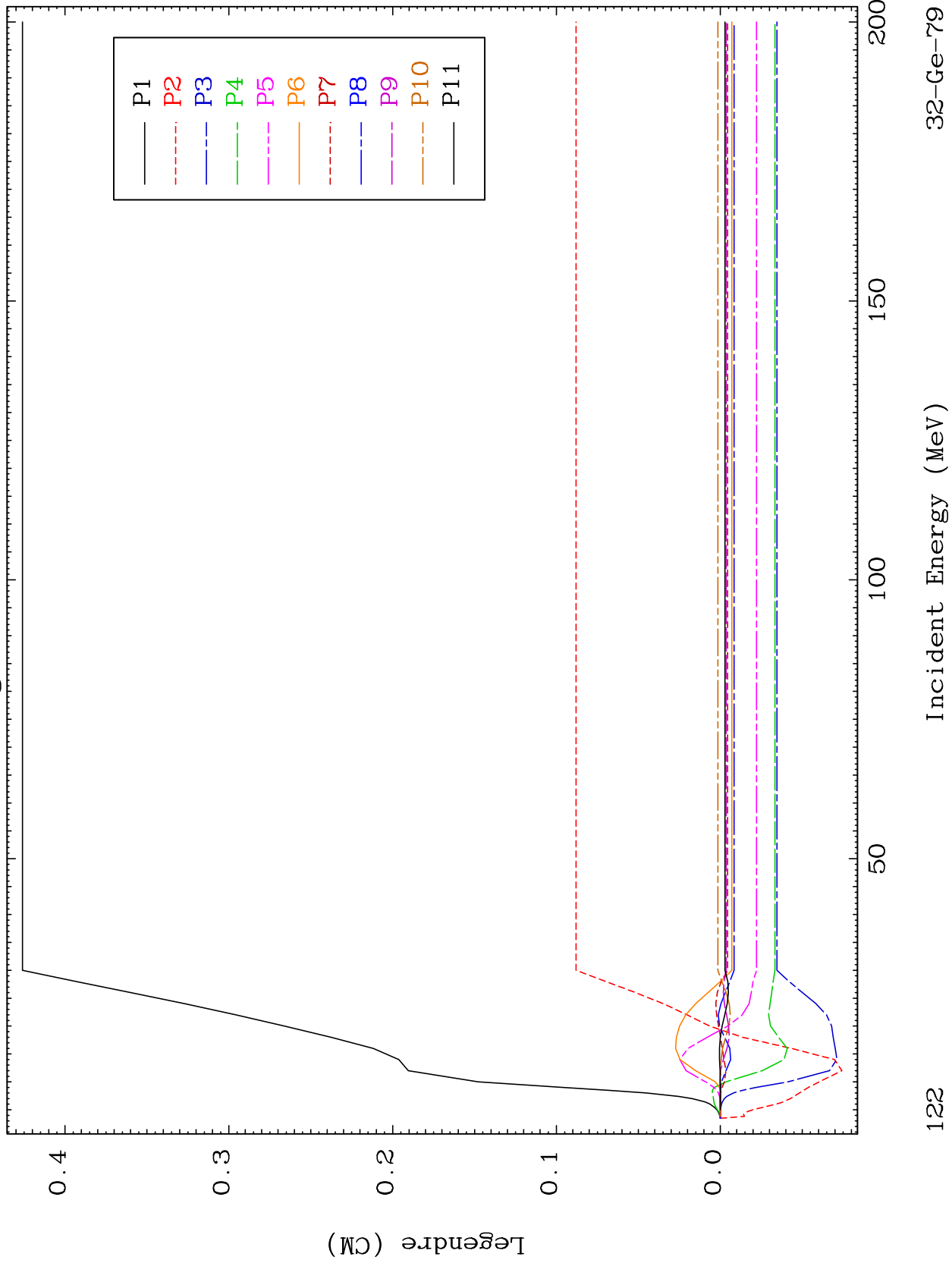
32-Ge-79



MAT 3252

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

32-Ge-79



32-Ge-79

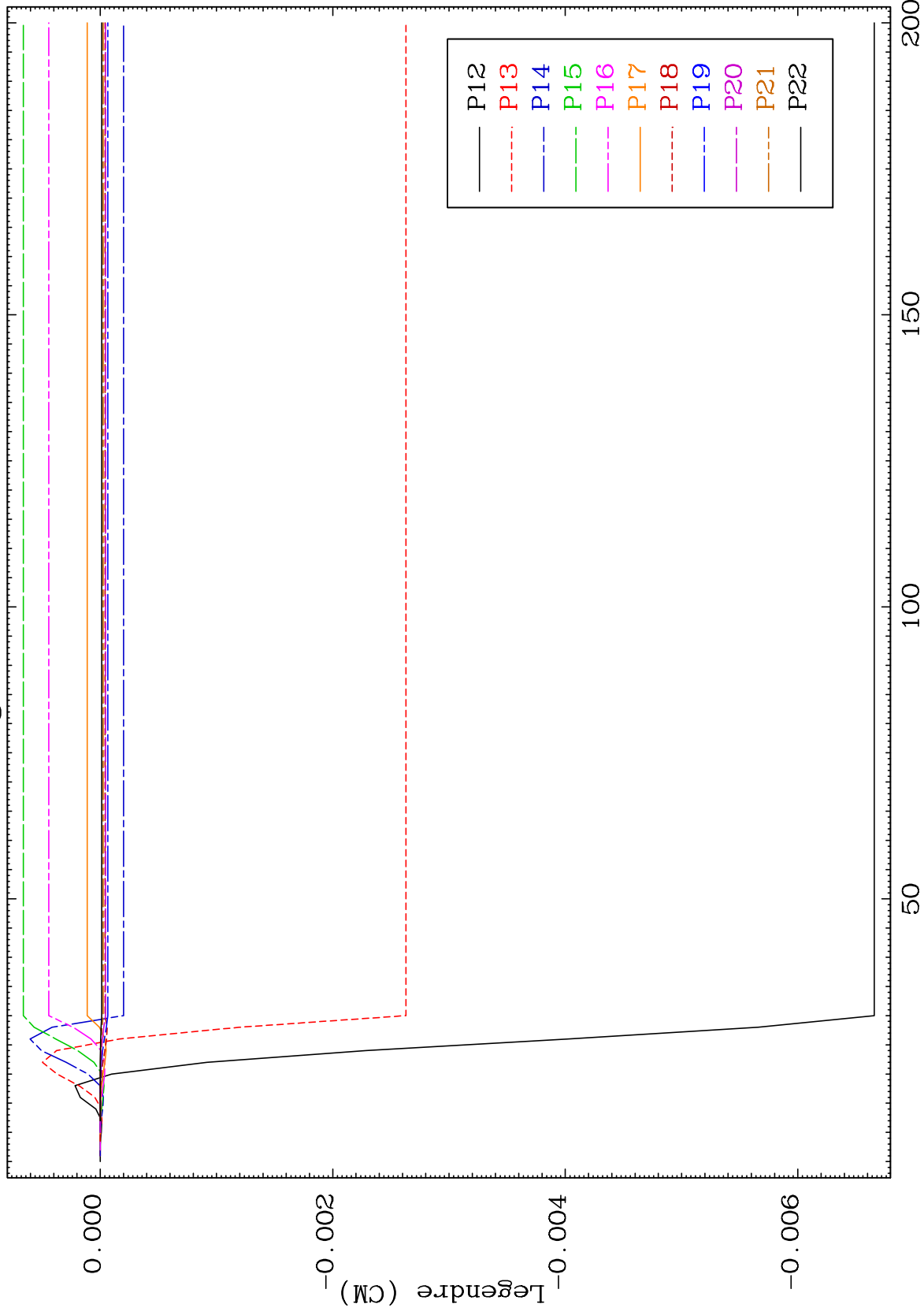
Incident Energy (MeV)

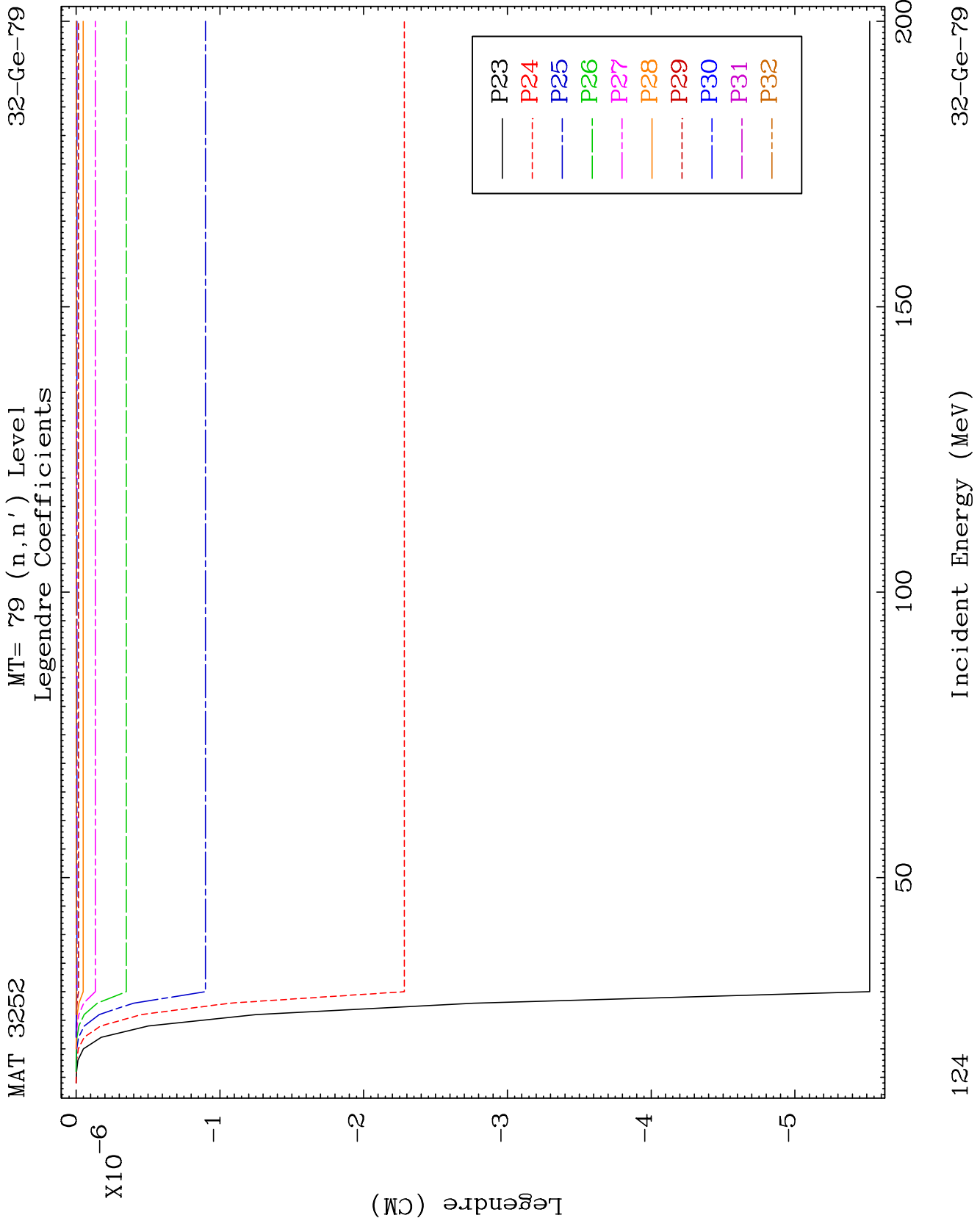
122

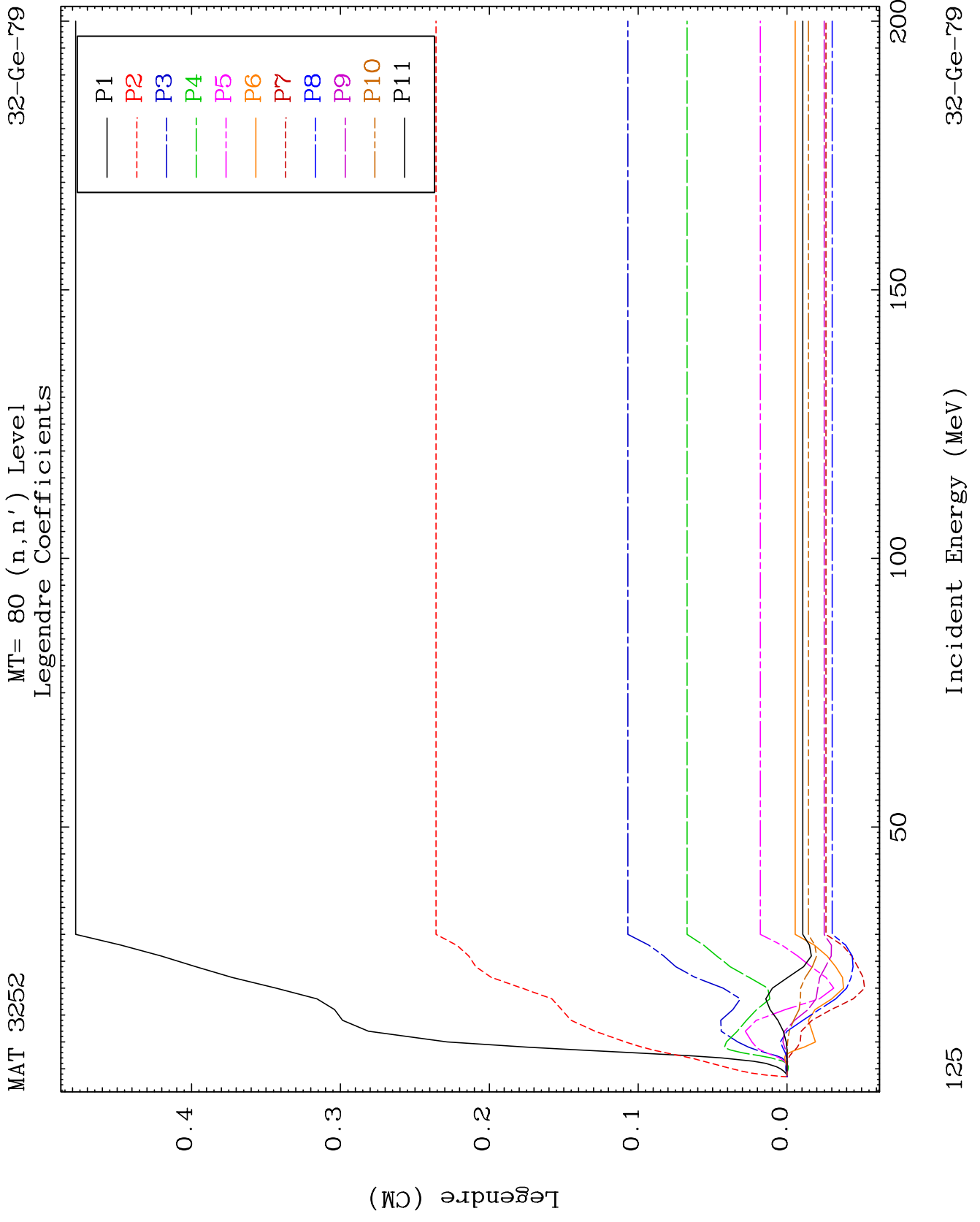
MAT 3252

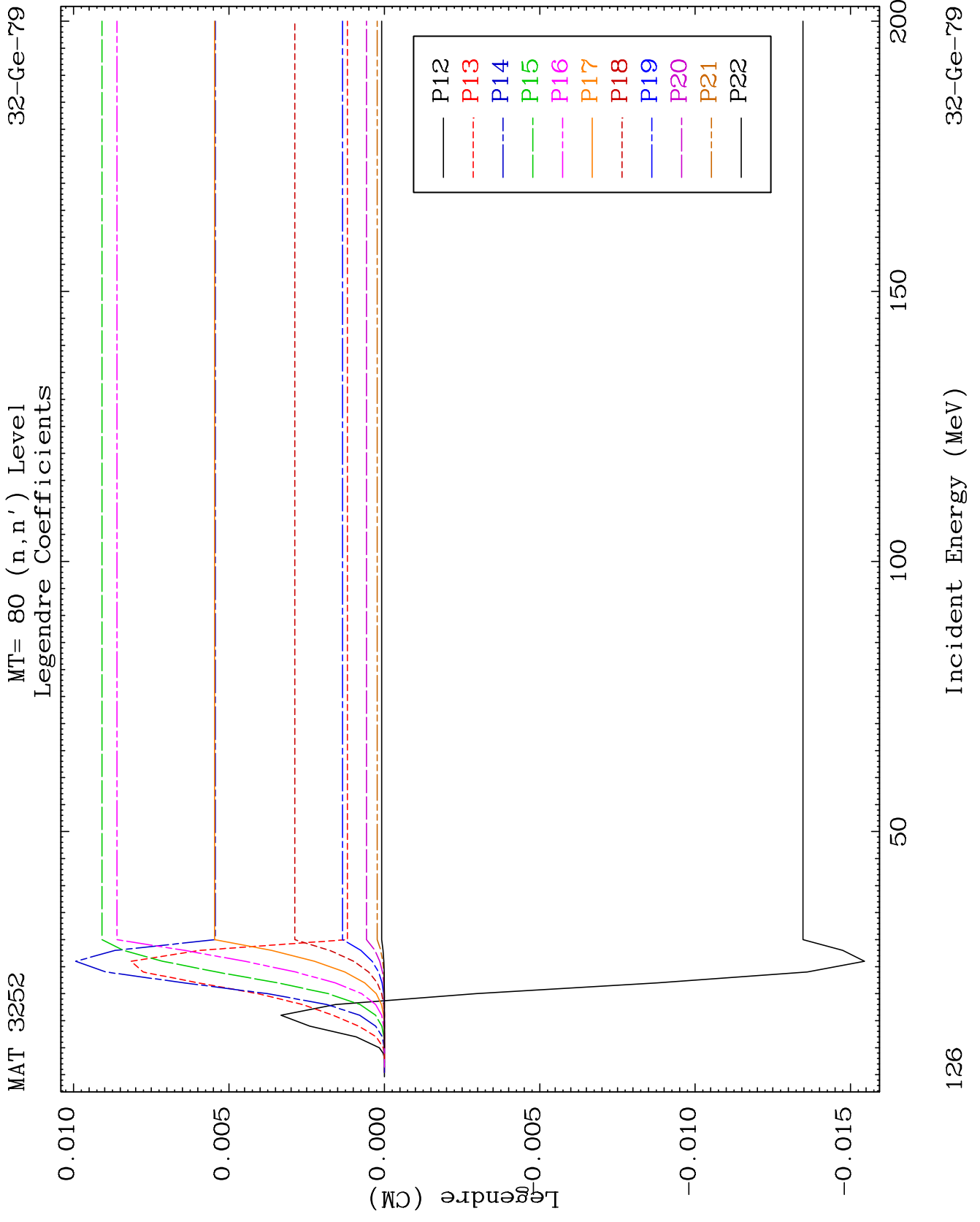
MT= 79 (n,n') Level
Legendre Coefficients

32-Ge-79





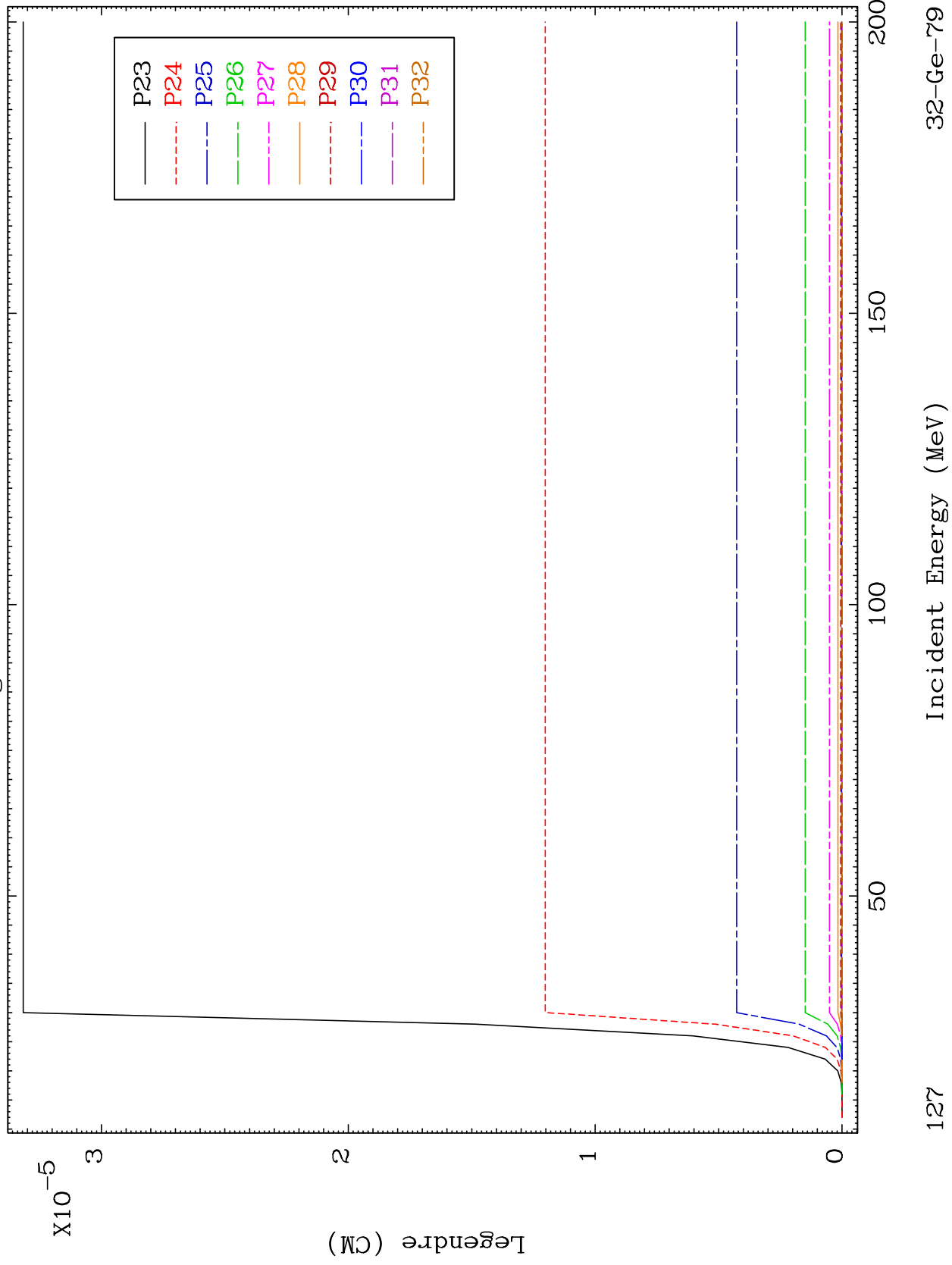




MAT 3252

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

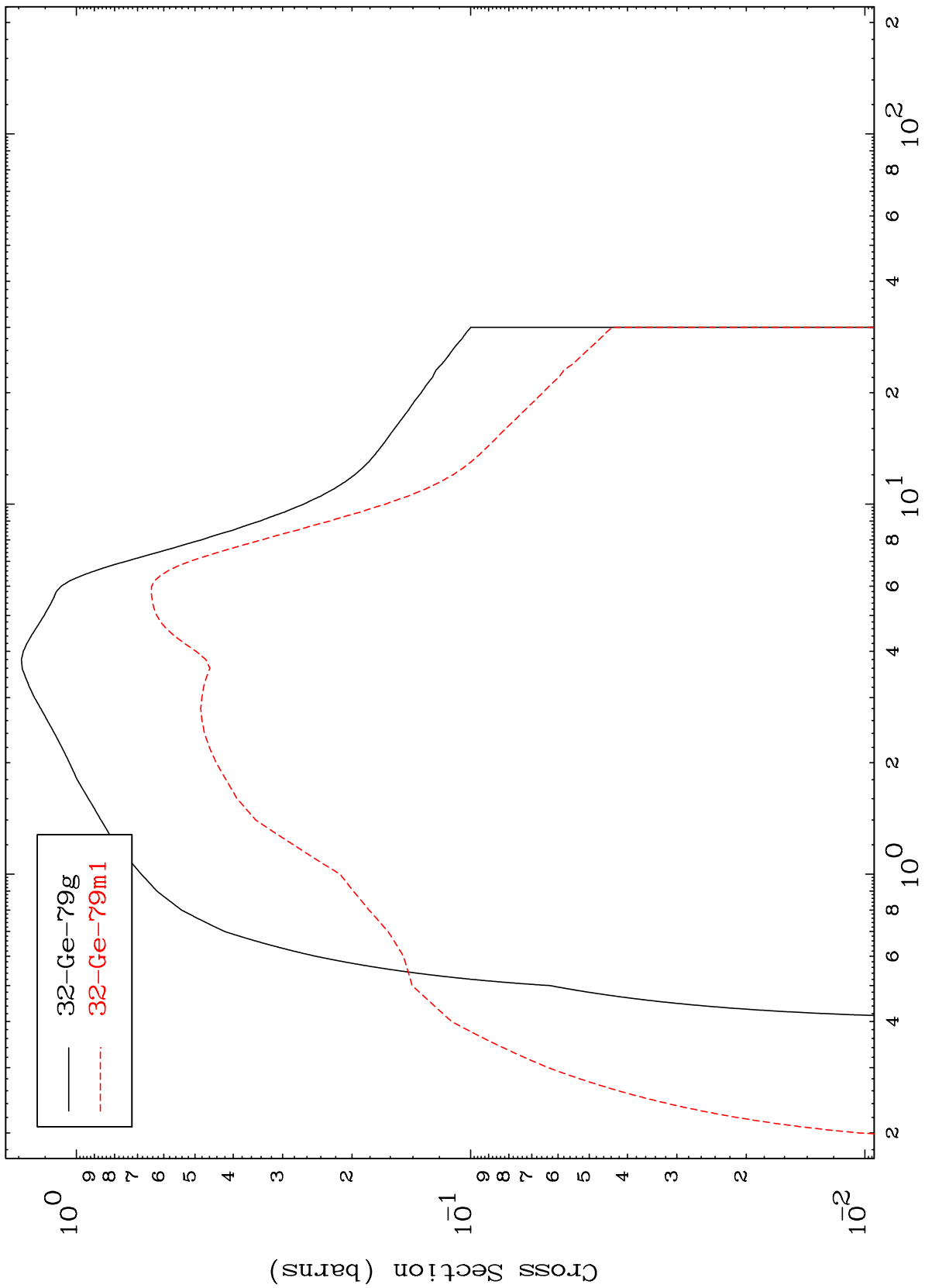
32-Ge-79



MAT 3252

³²Ge-79

Inelastic Radionuclide Production Cross Section



128

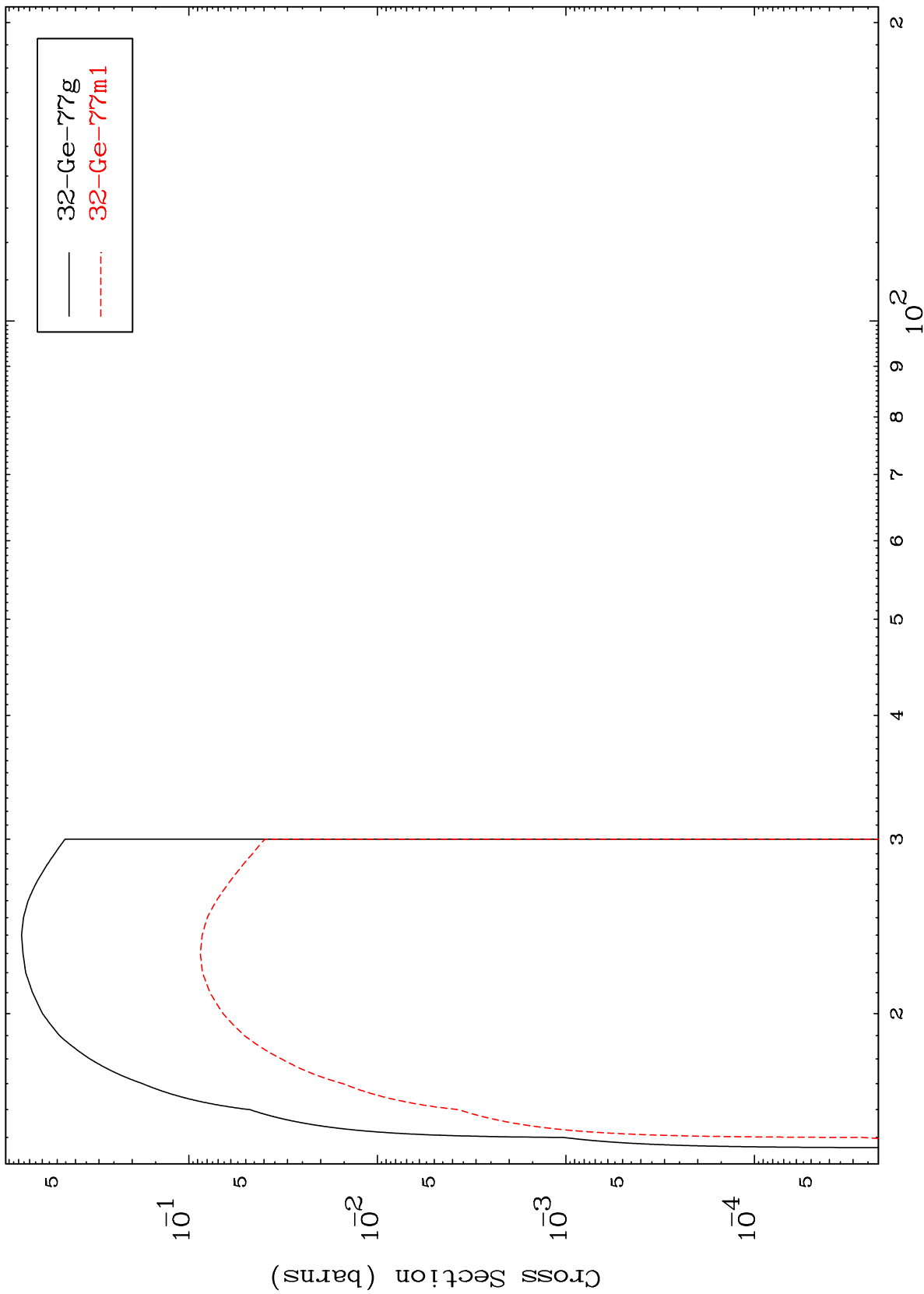
³²Ge-79

Incident Energy (MeV)

MAT 3252

³²Ge-79

(n,3n)
Radionuclide Production Cross Section



— 32-Ge-77g
- - - 32-Ge-77m1

129

Incident Energy (MeV)

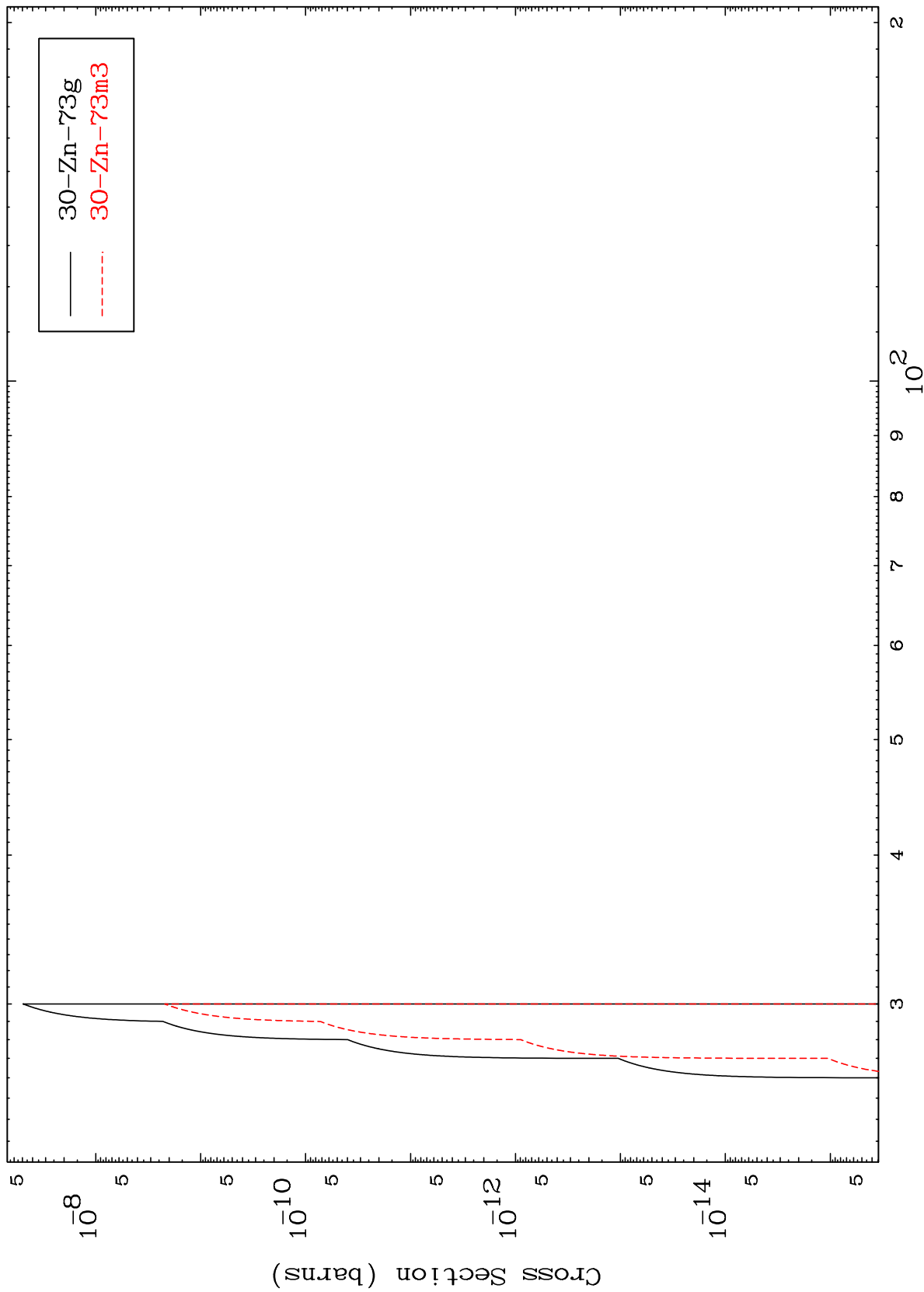
³²Ge-79

MAT 3252

(n,3n) α

32-Ge-79

Radionuclide Production Cross Section



130

Incident Energy (MeV)

32-Ge-79

Radionuclide Production Cross Section

