

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

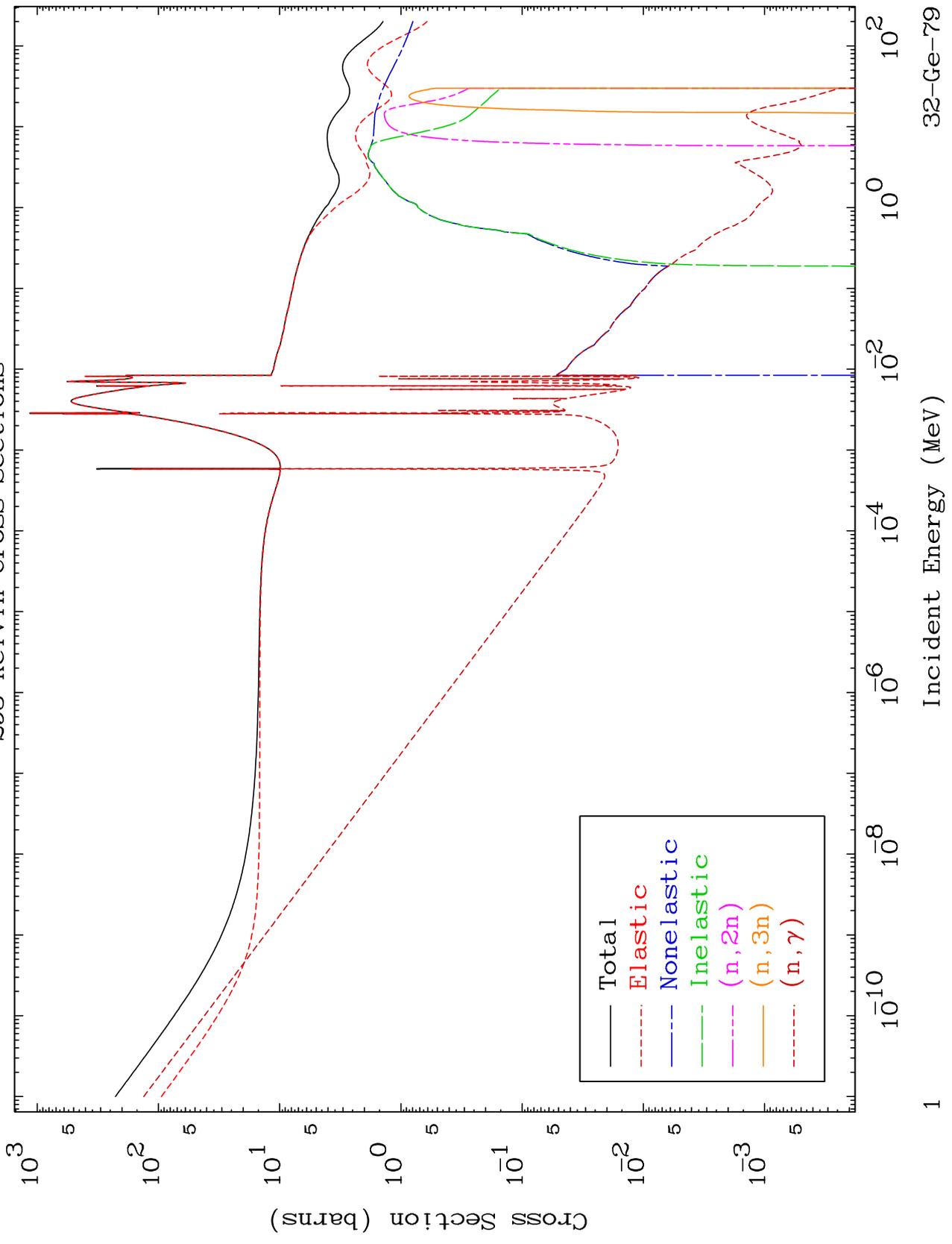
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Press Mouse Button to Start

MAT 3252

Neutron Major
293 Kelvin Cross Sections

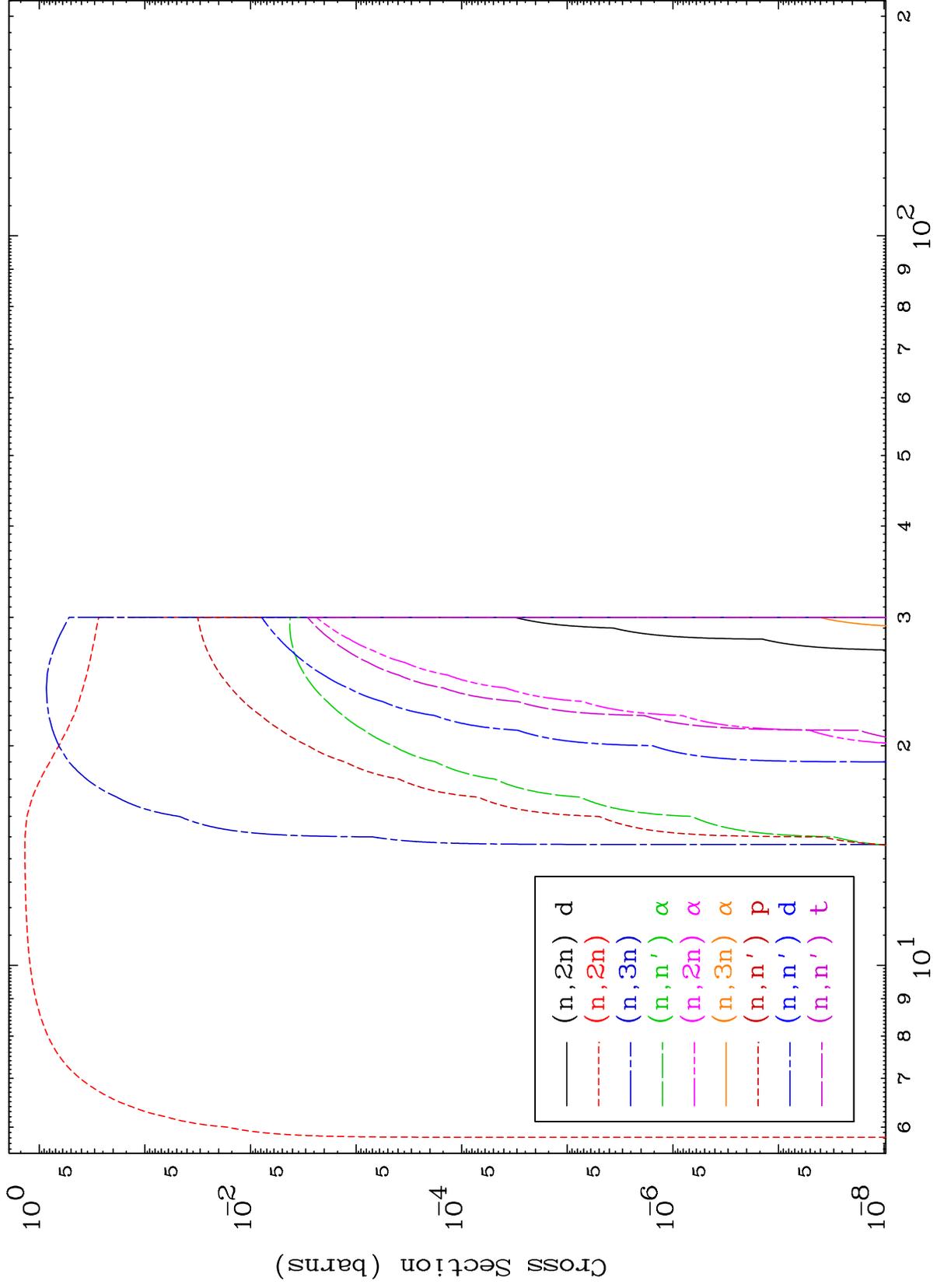
32-Ge-79



MAT 3252

Neutron Absorption
293 Kelvin Cross Sections

³²Ge-79



2

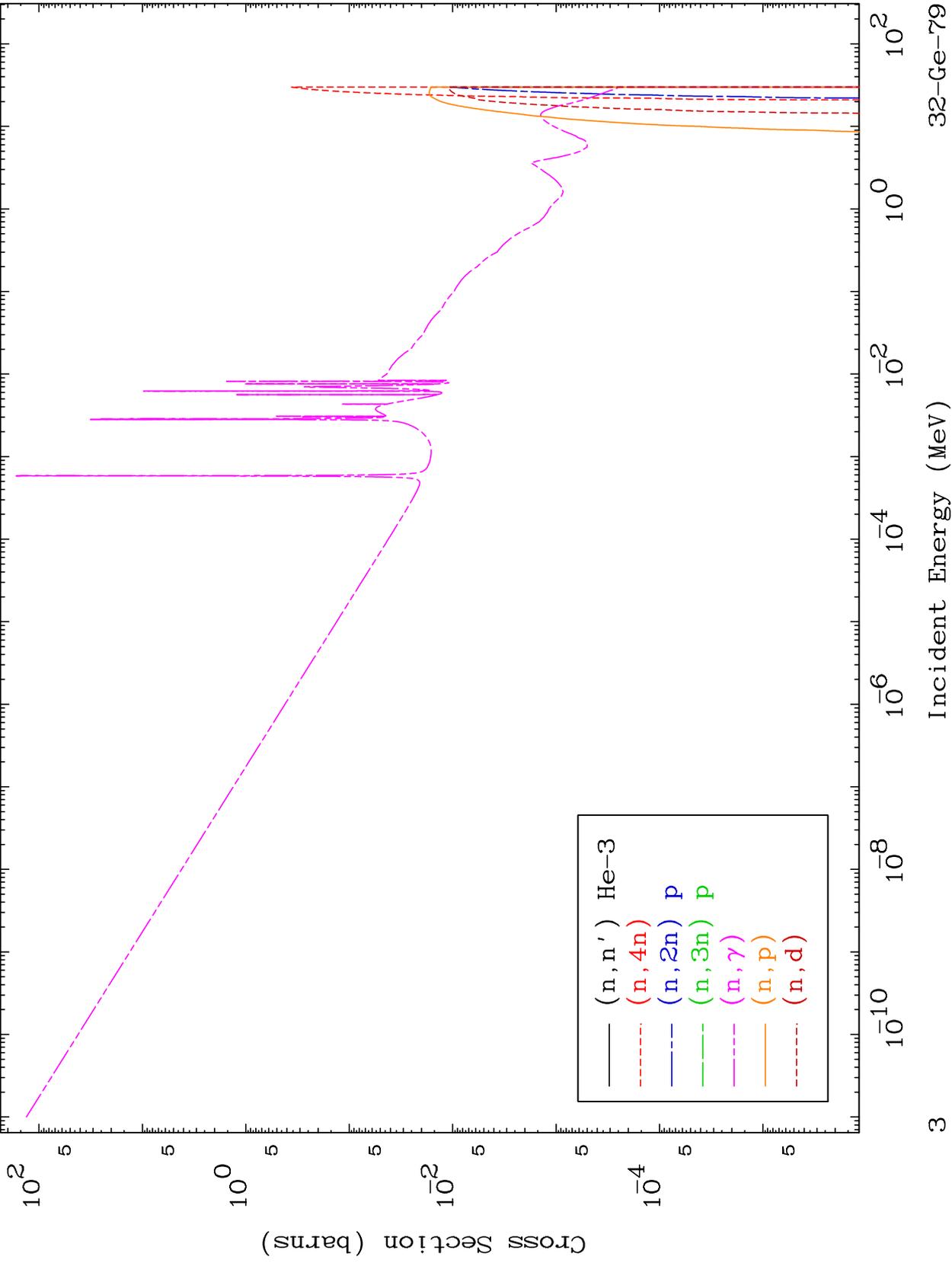
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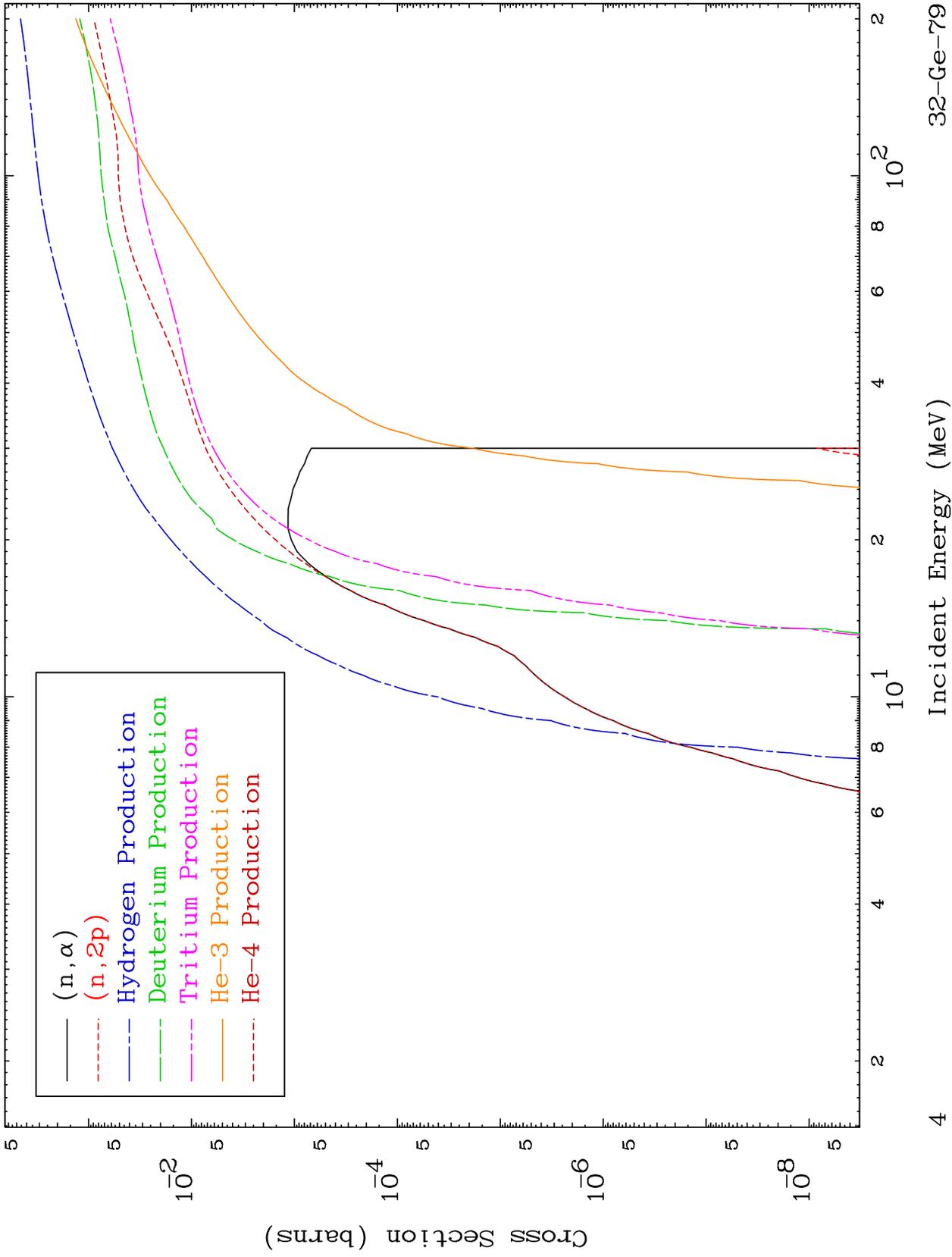
³²Ge-79

MAT 3252

Neutron Absorption
293 Kelvin Cross Sections

32-Ge-79

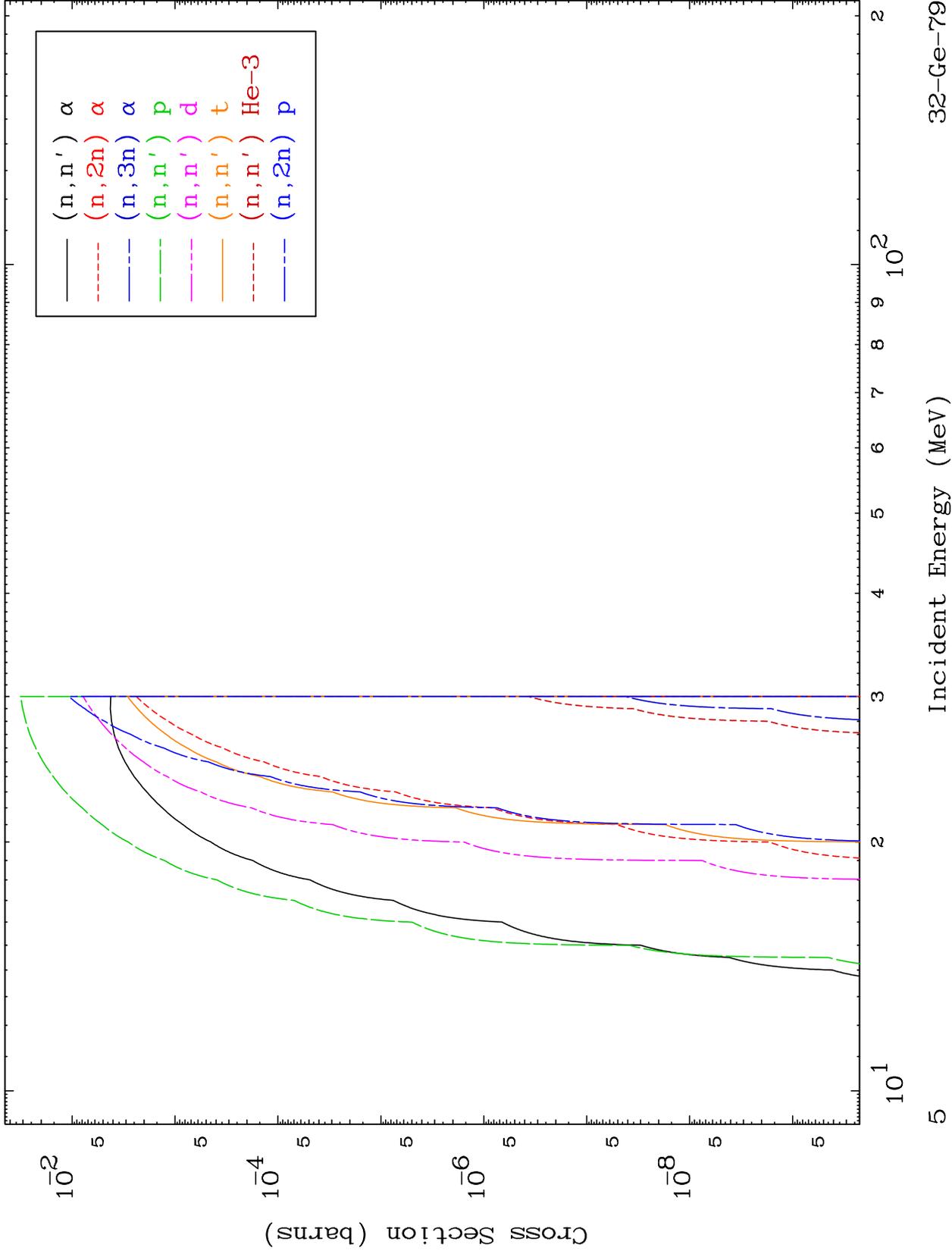




MAT 3252

Charged Particle
293 Kelvin Cross Sections

32-Ge-79



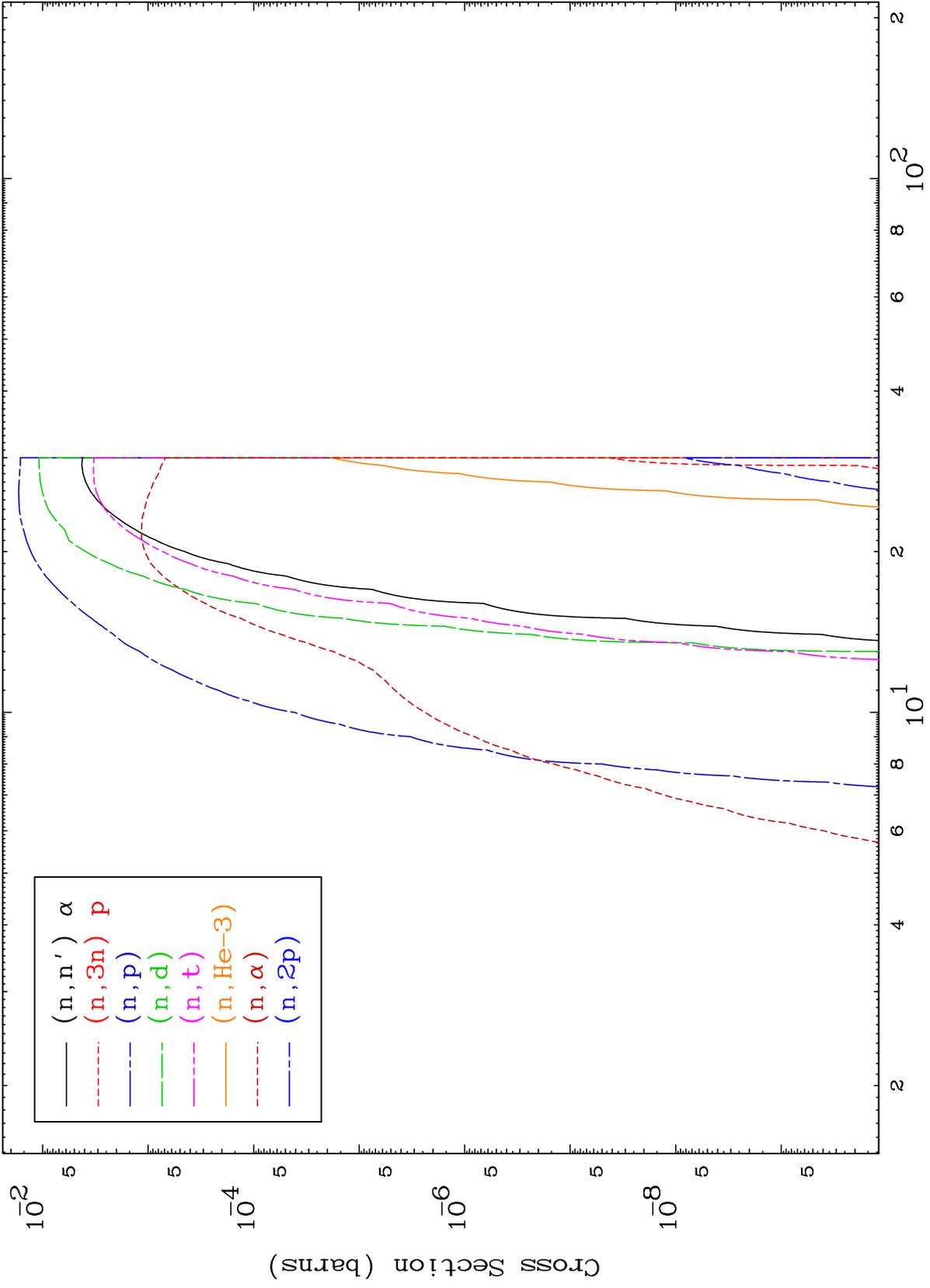
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Incident Energy (MeV)

MAT 3252

Charged Particle
293 Kelvin Cross Sections

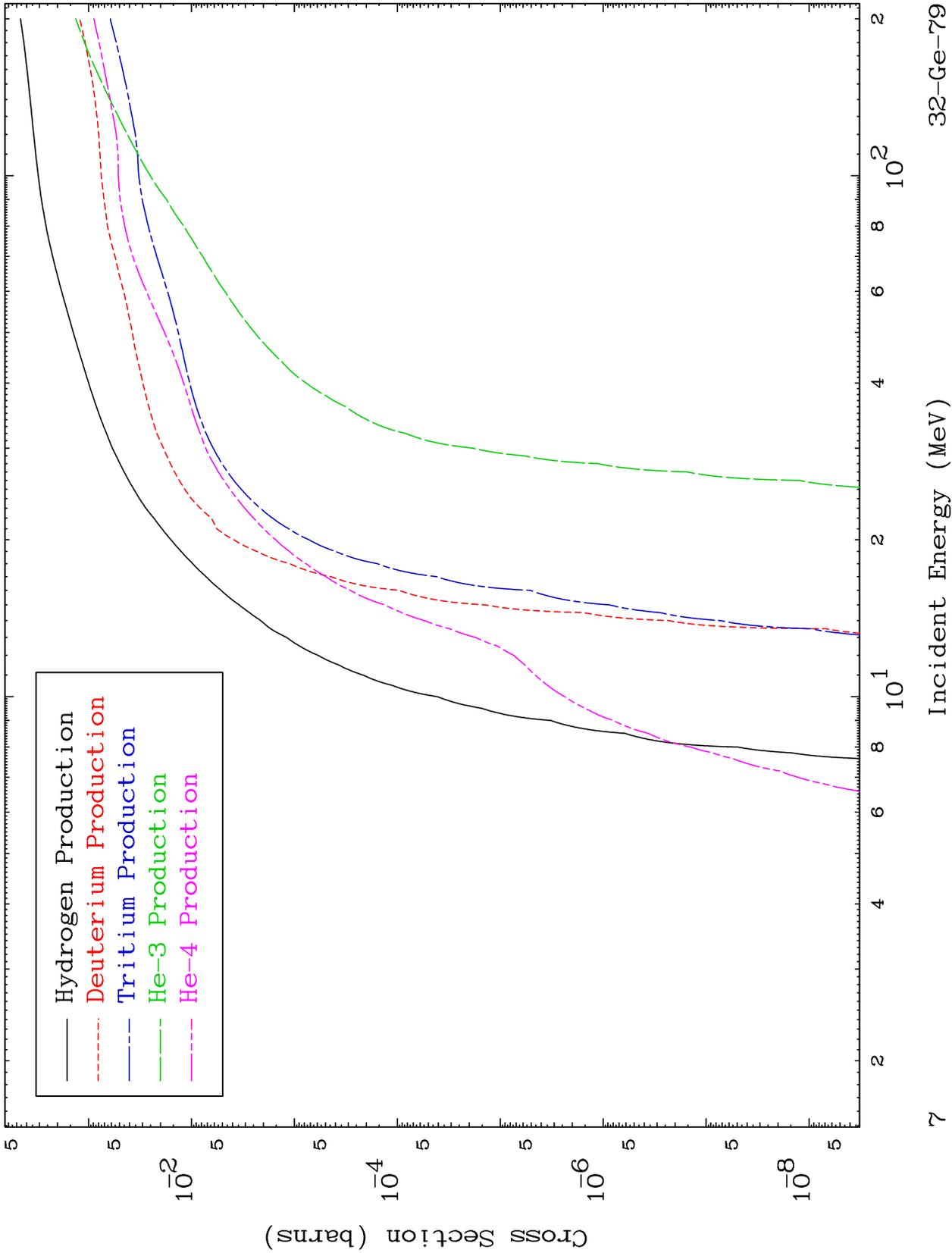
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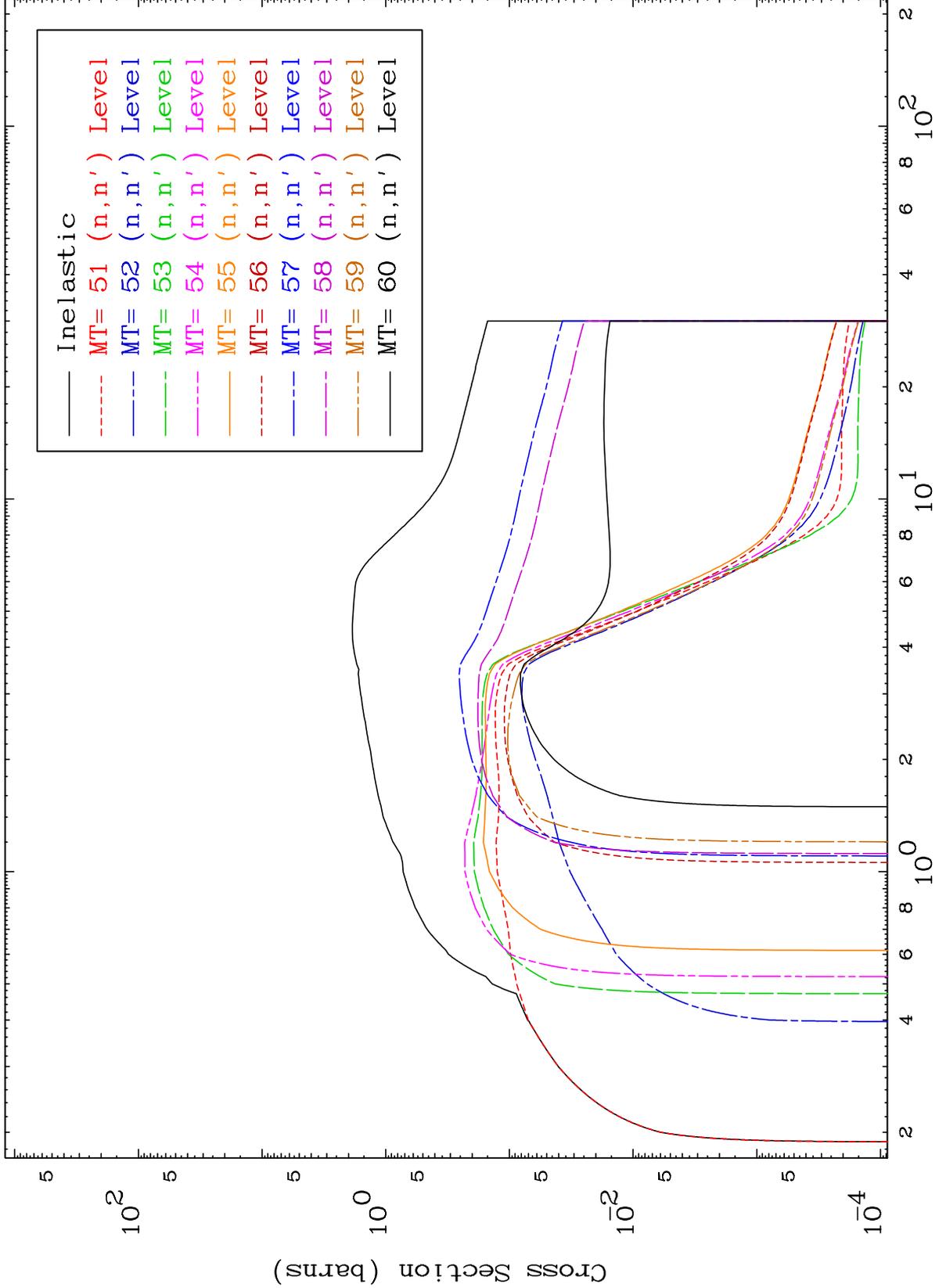


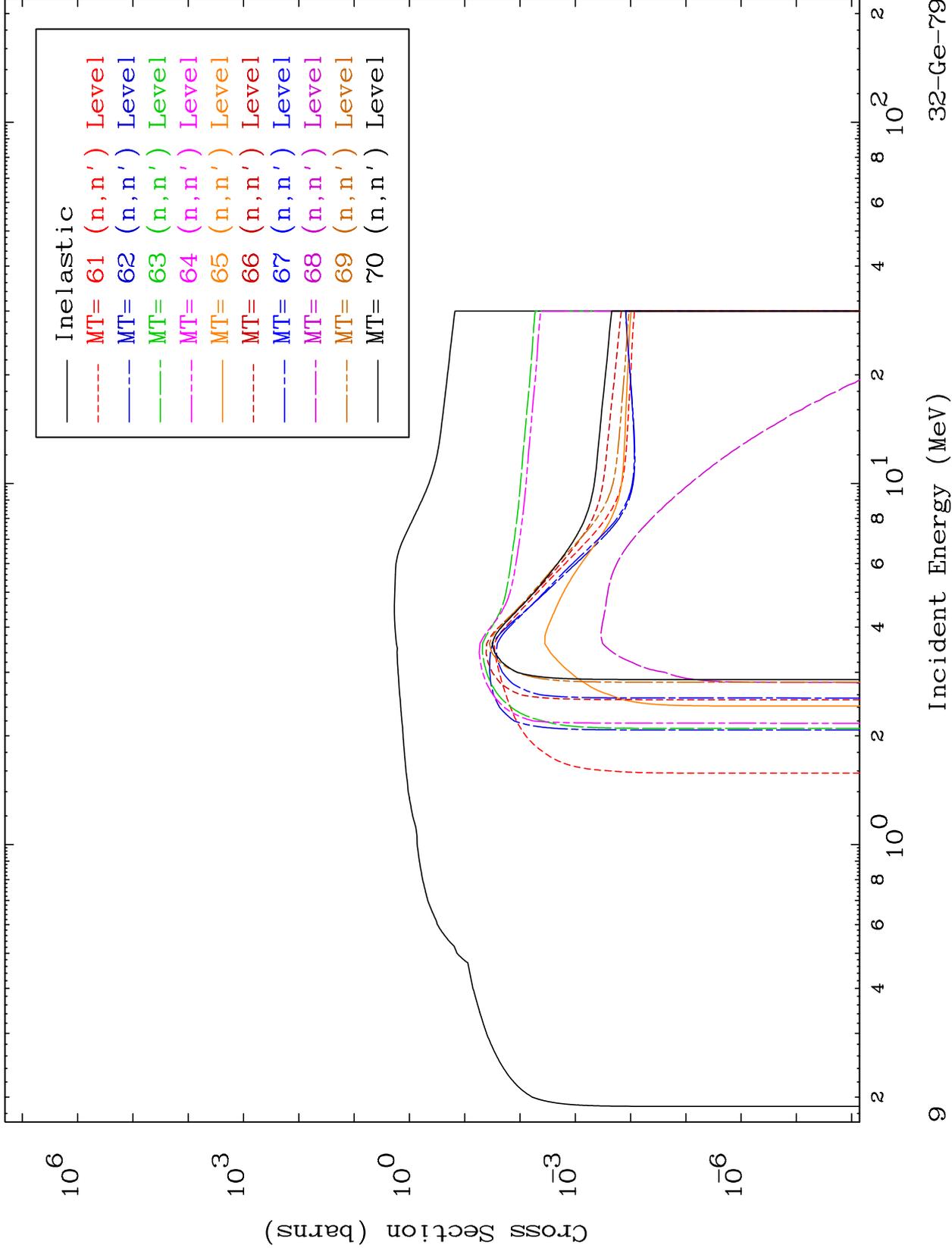
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Incident Energy (MeV)

³²Ge-79



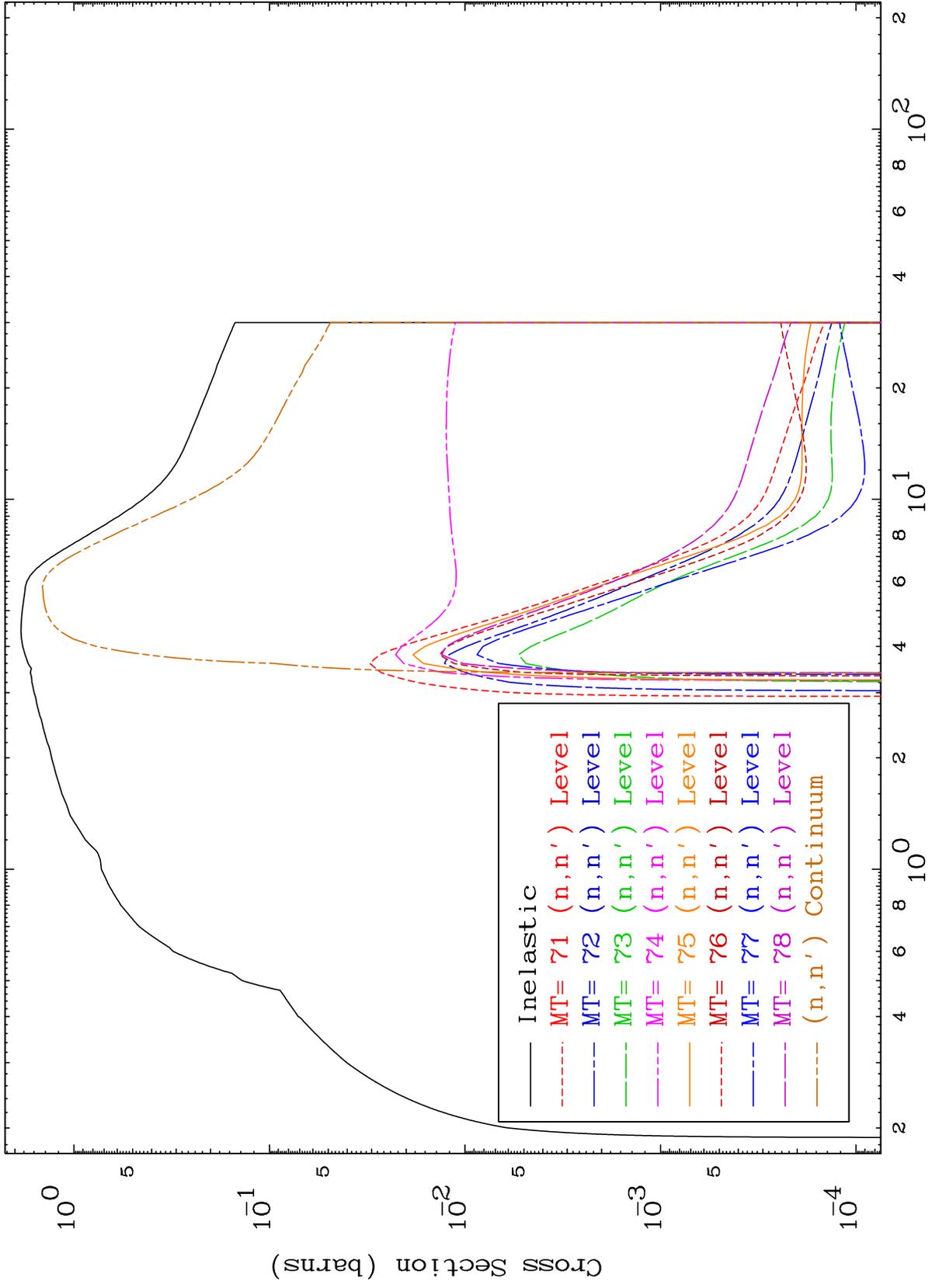




MAT 3252

(n,n') Levels
293 Kelvin Cross Sections

32-Ge-79



10

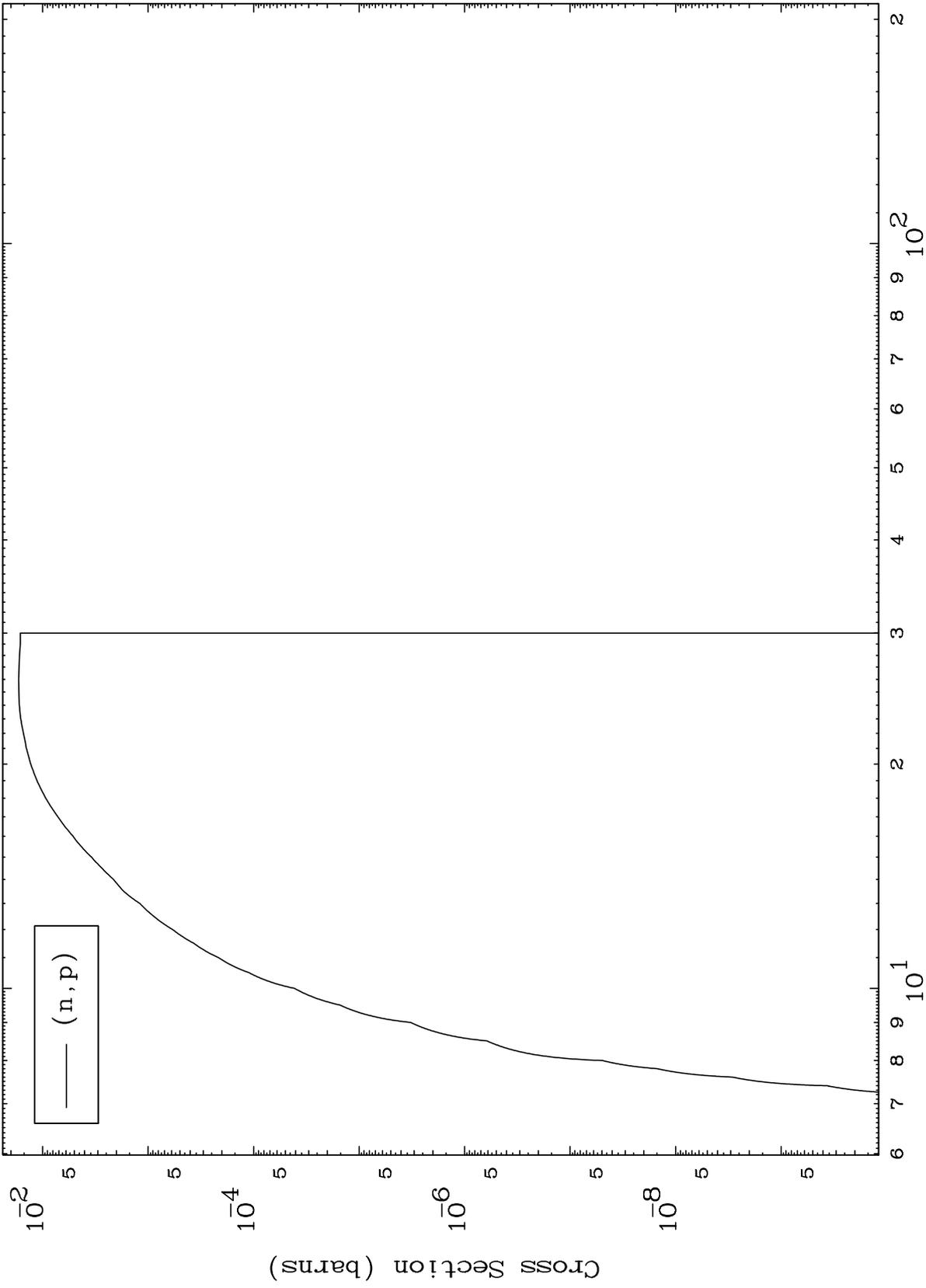
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,p) Levels
293 Kelvin Cross Sections

³²Ge-79



11

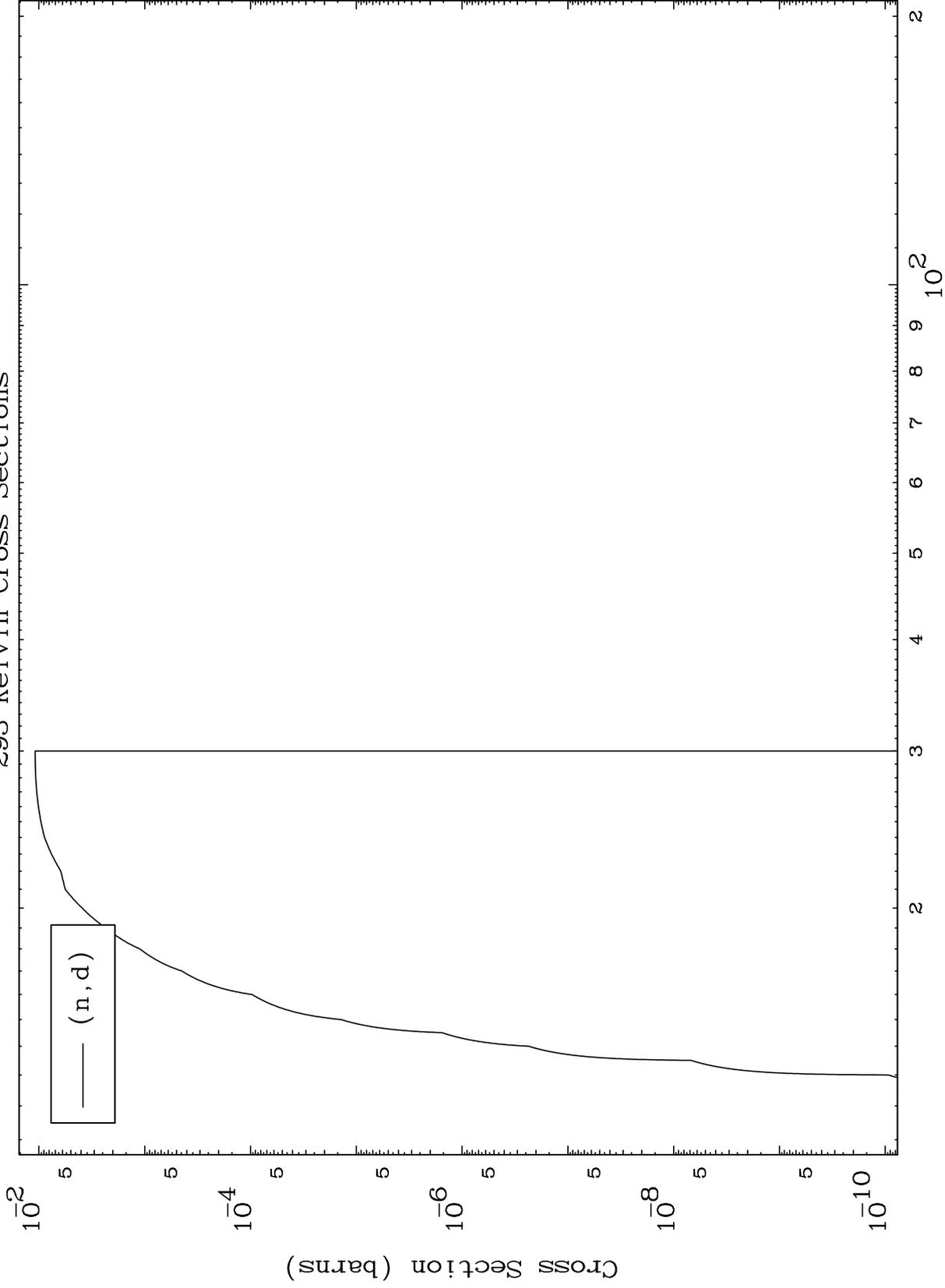
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³²Ge-79

MAT 3252

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-79



12

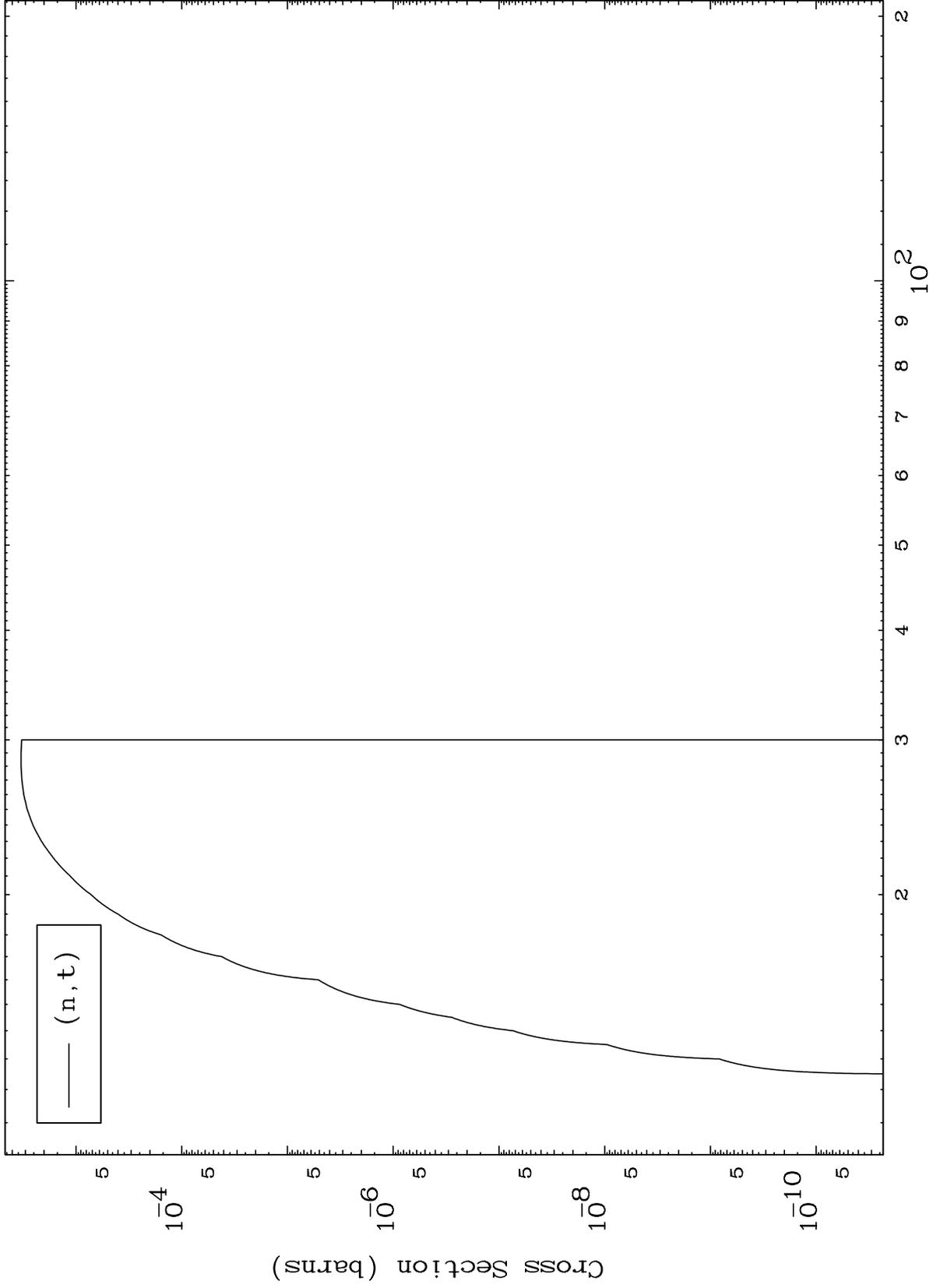
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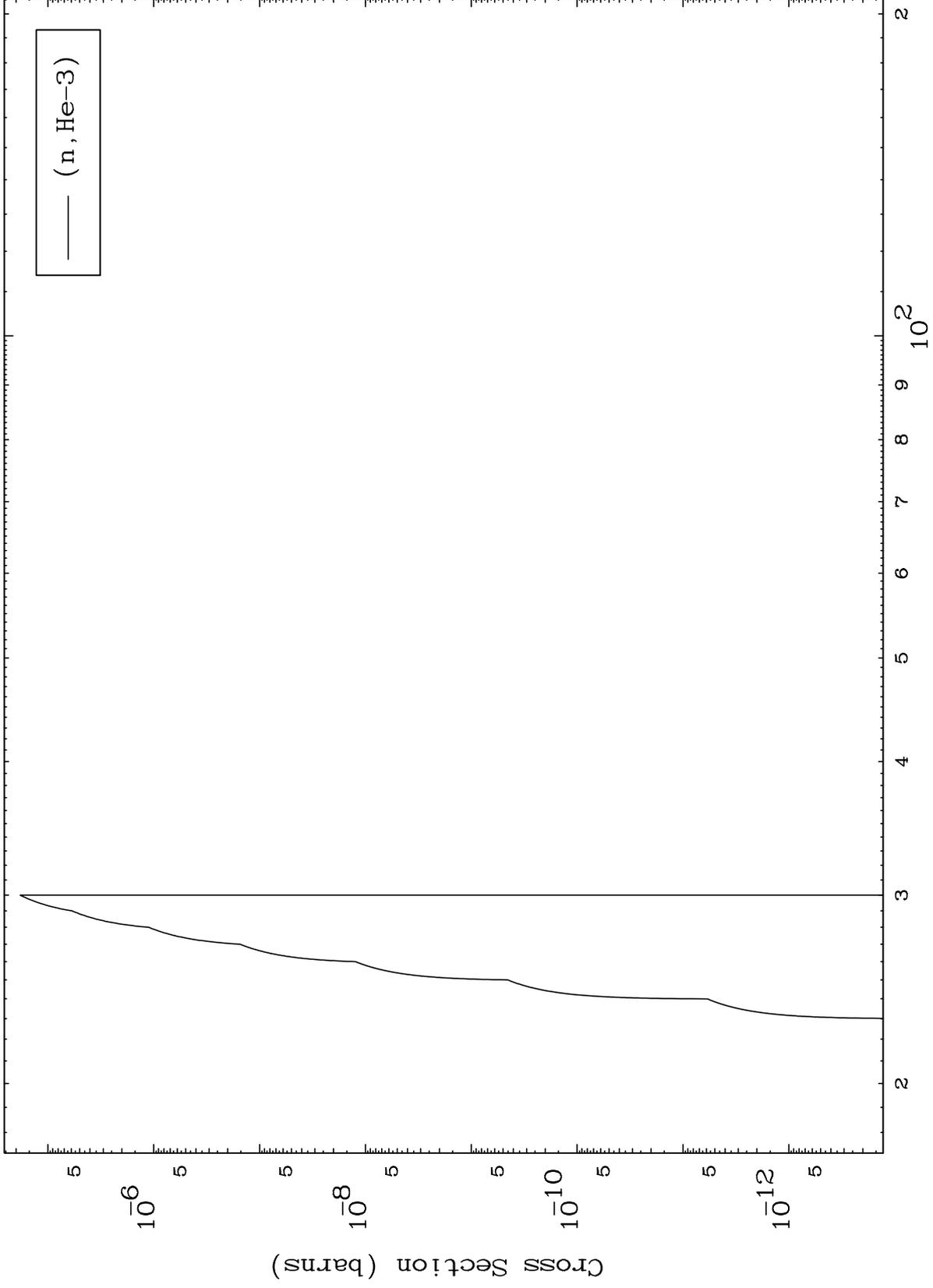
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MAT 3252

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-79

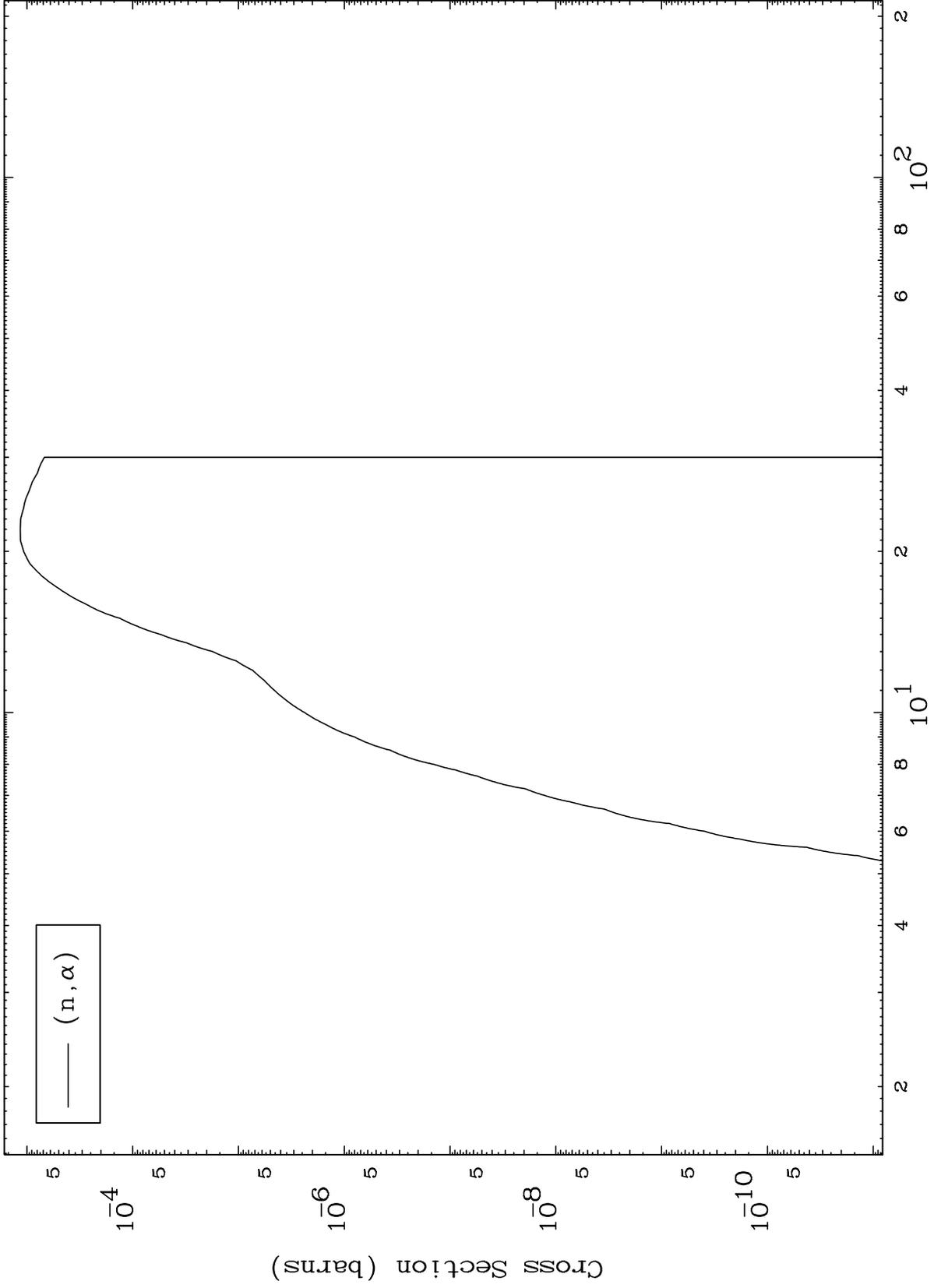




MAT 3252

(n, α) Levels
293 Kelvin Cross Sections

32-Ge-79



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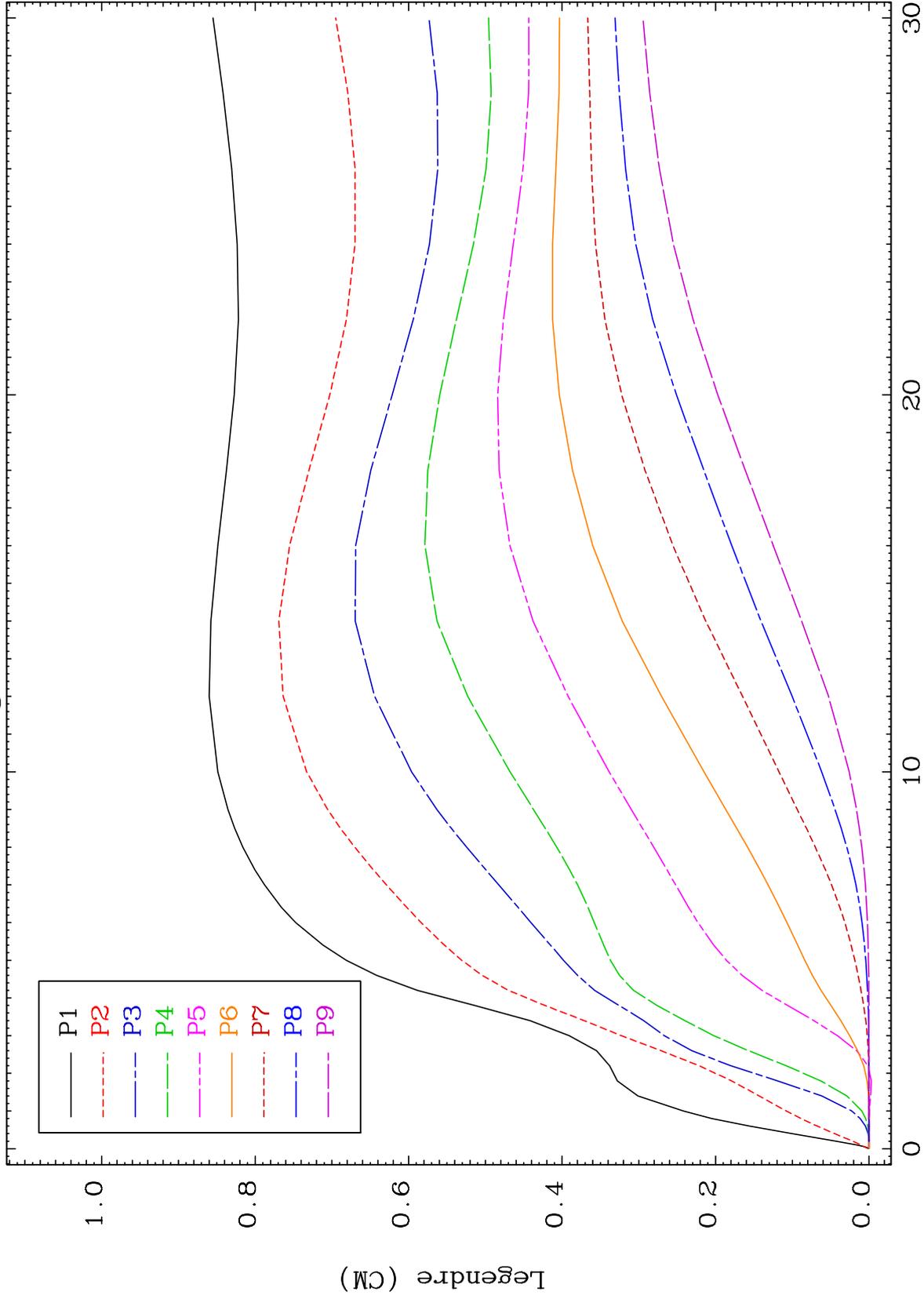
Incident Energy (MeV)

32-Ge-79

MAT 3252

Elastic Legendre Coefficients

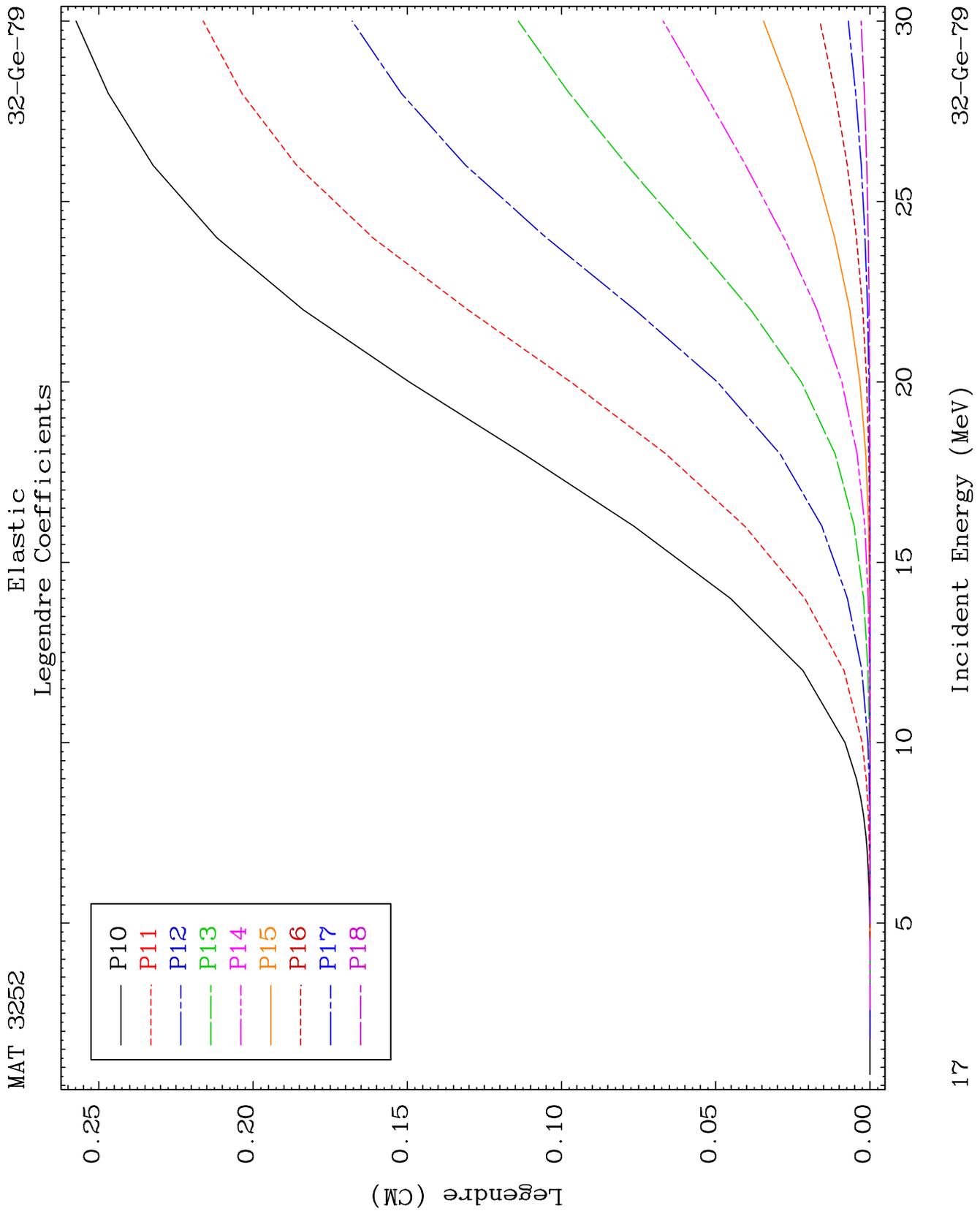
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Incident Energy (MeV)

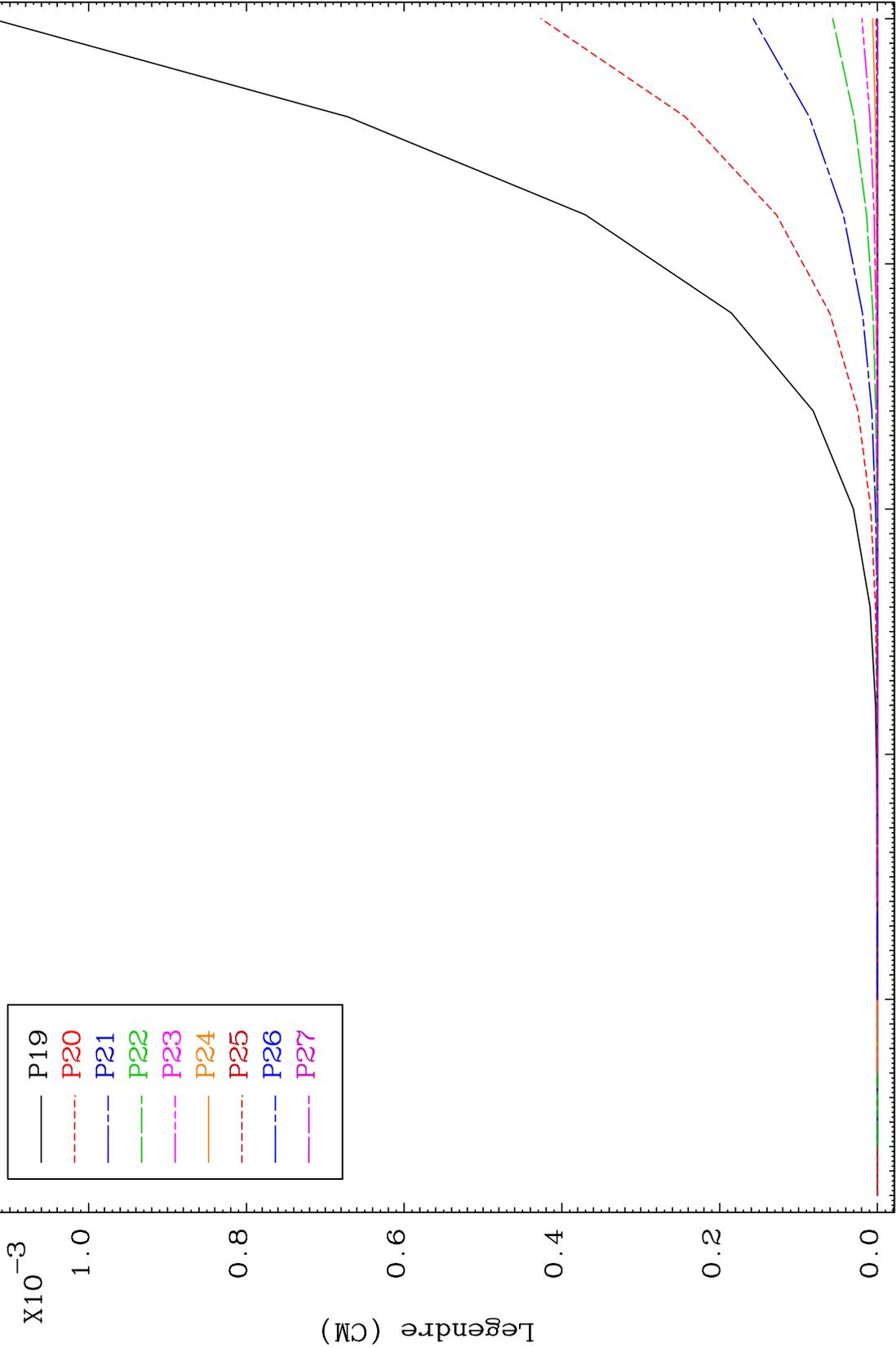
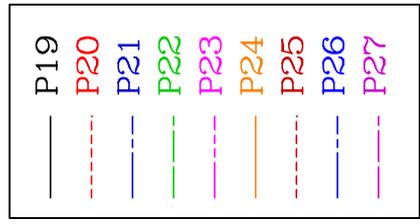
³²Ge-79



MAT 3252

Elastic Legendre Coefficients

³²Ge-79



18

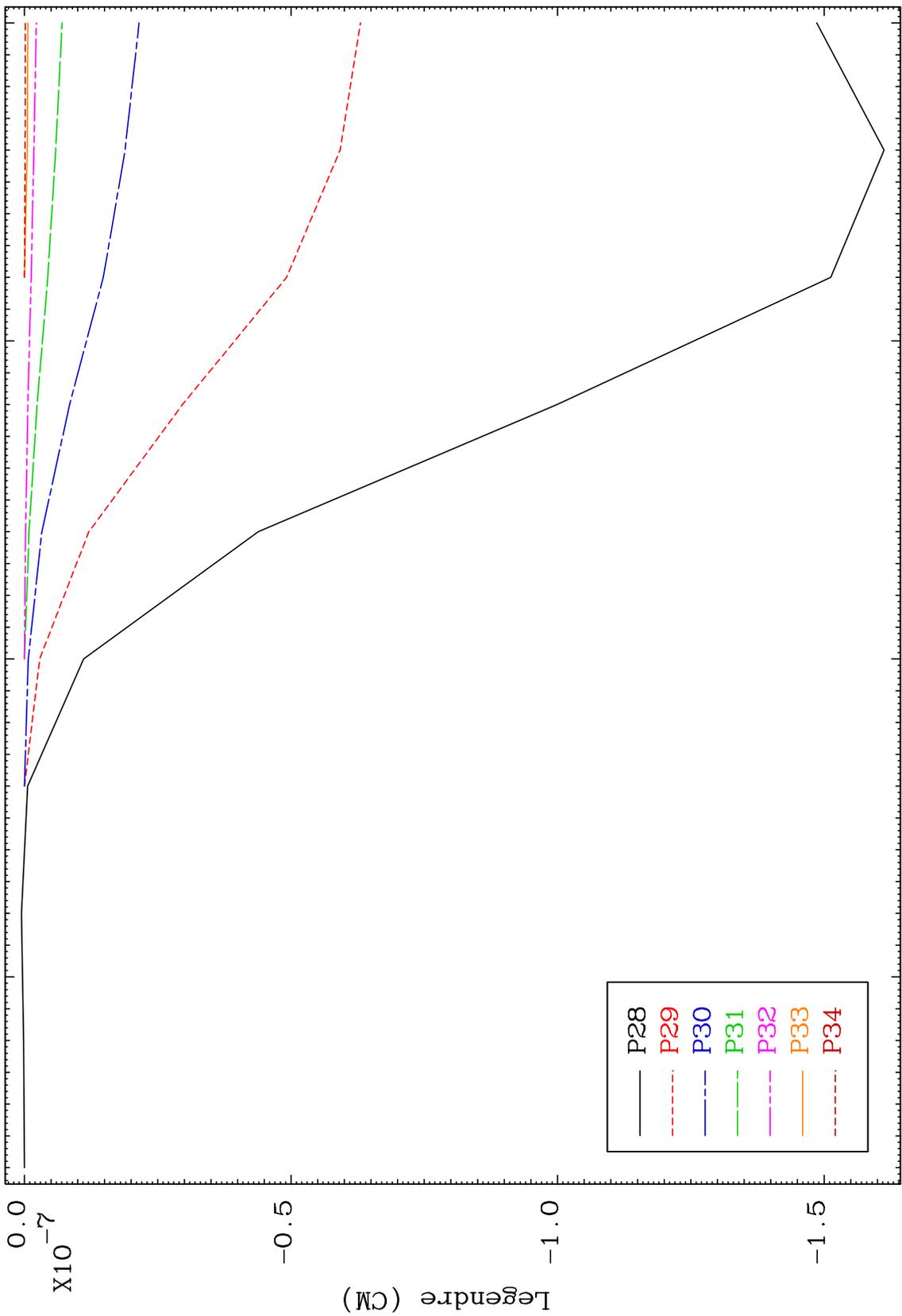
Incident Energy (MeV)

³²Ge-79

MAT 3252

³²Ge-79

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

15

20

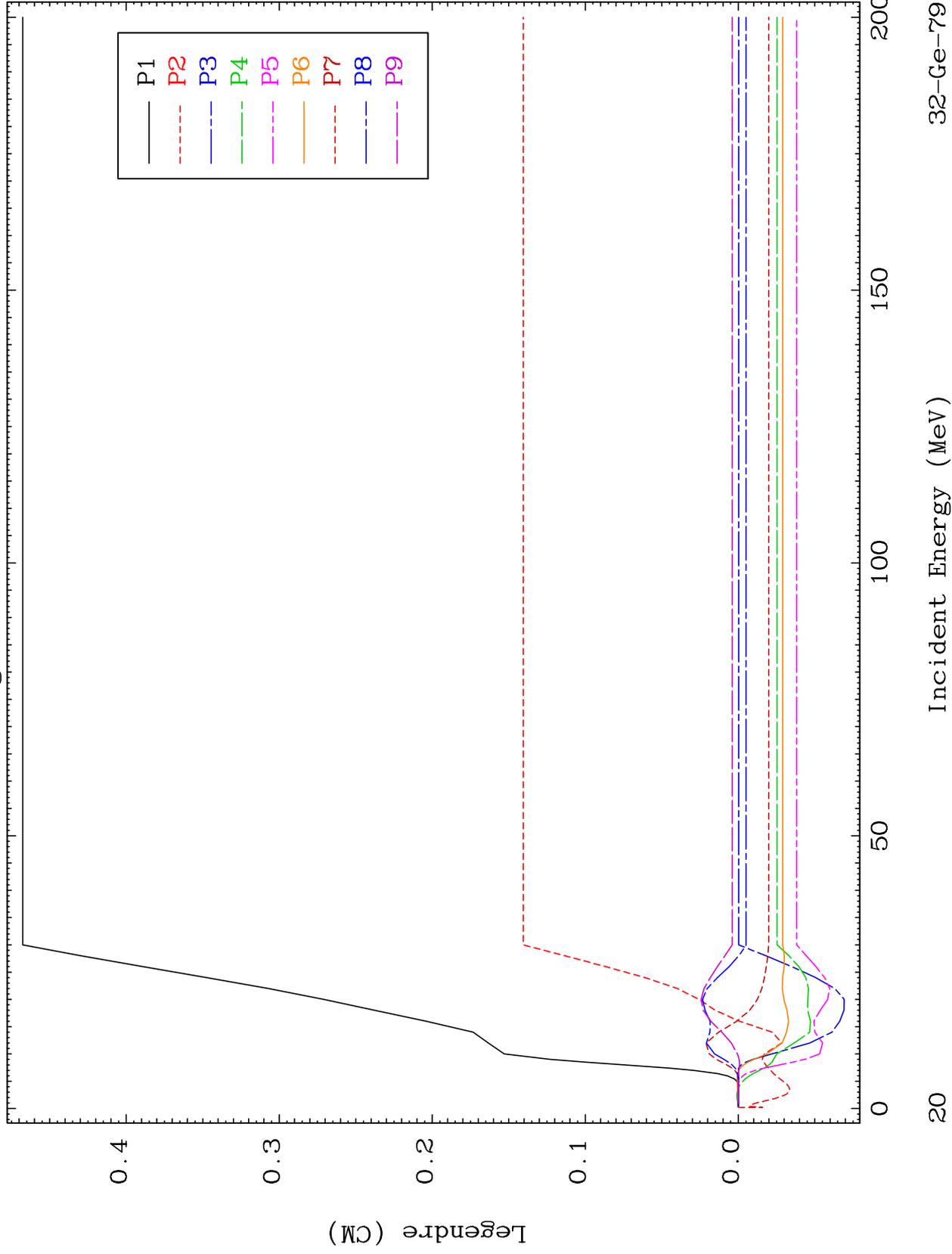
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30

MAT 3252

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

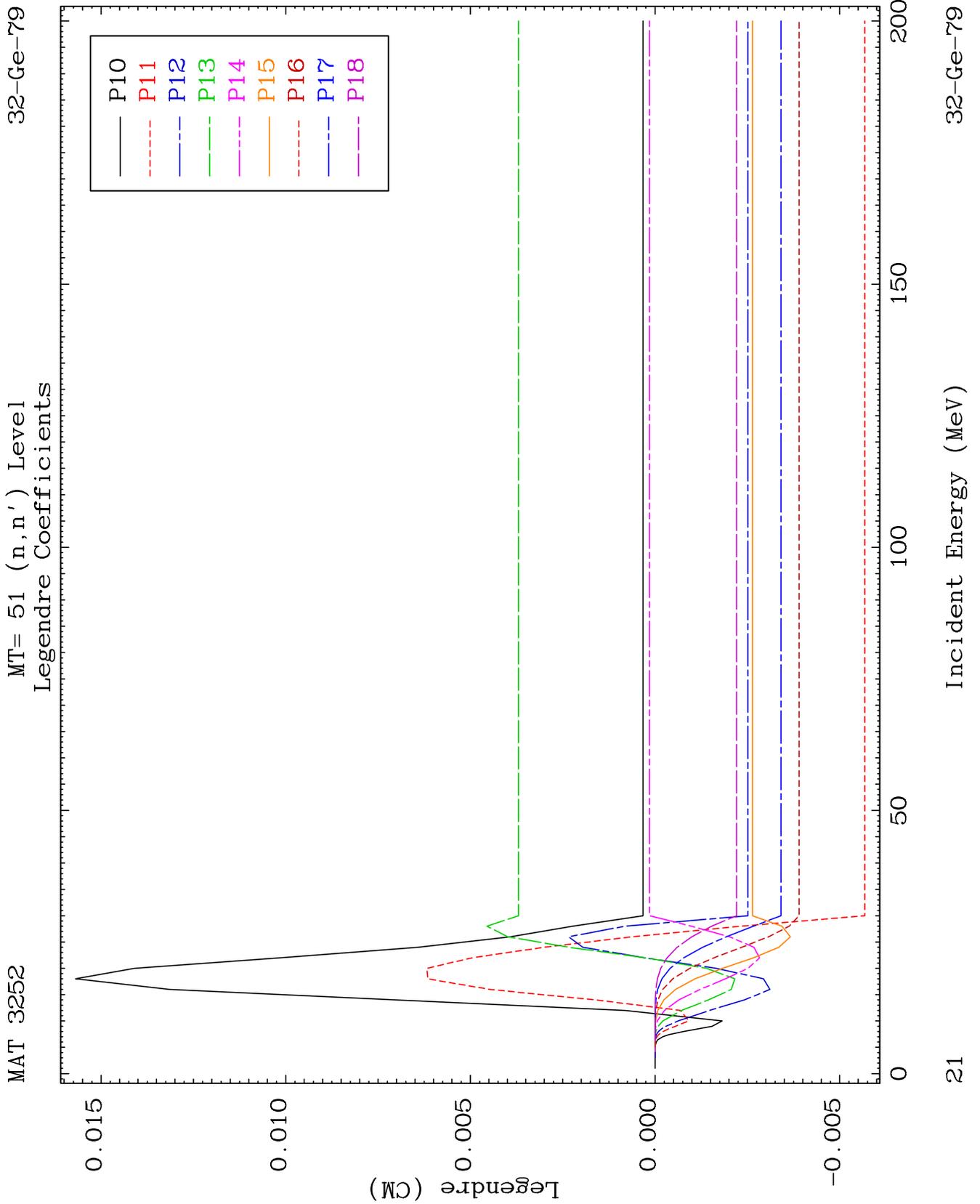
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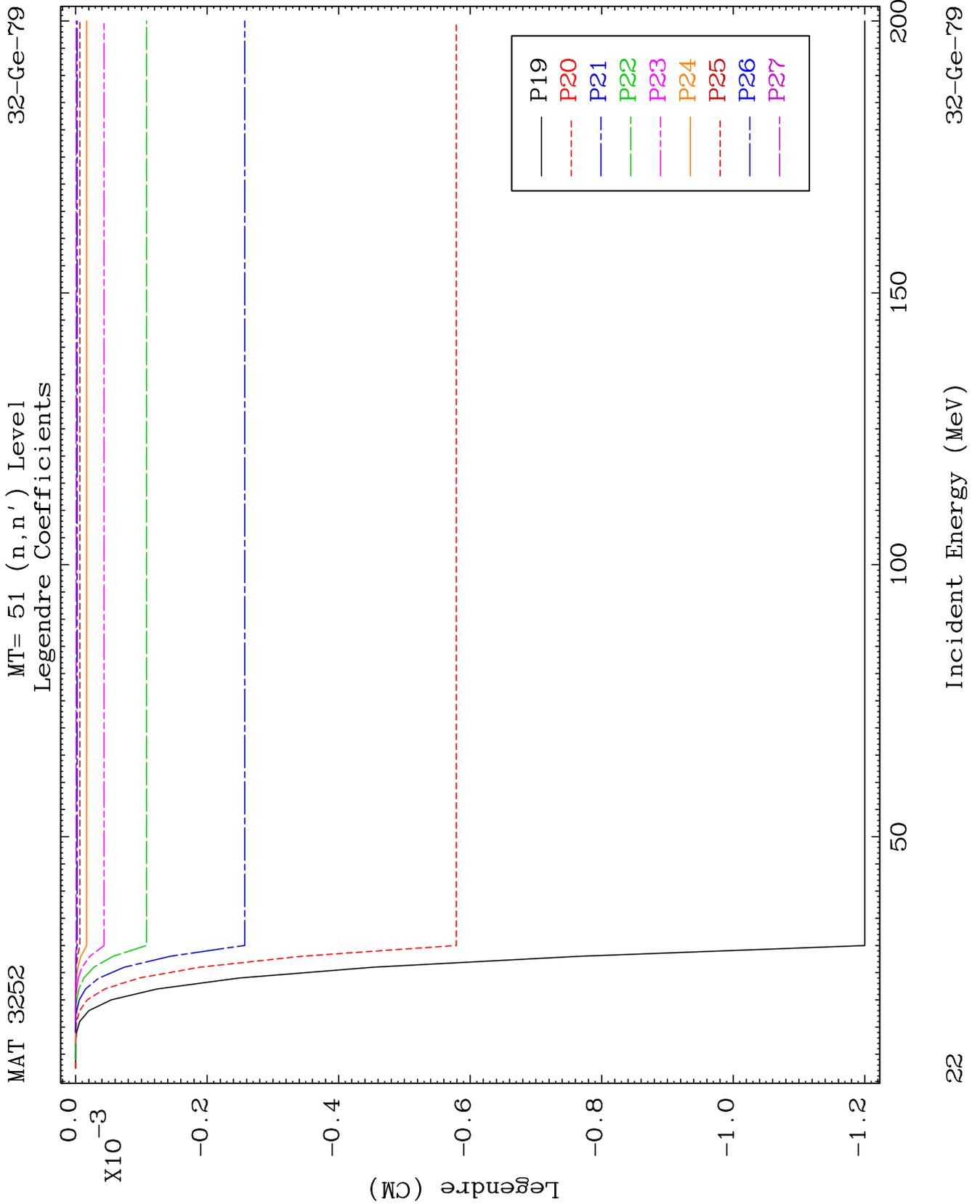


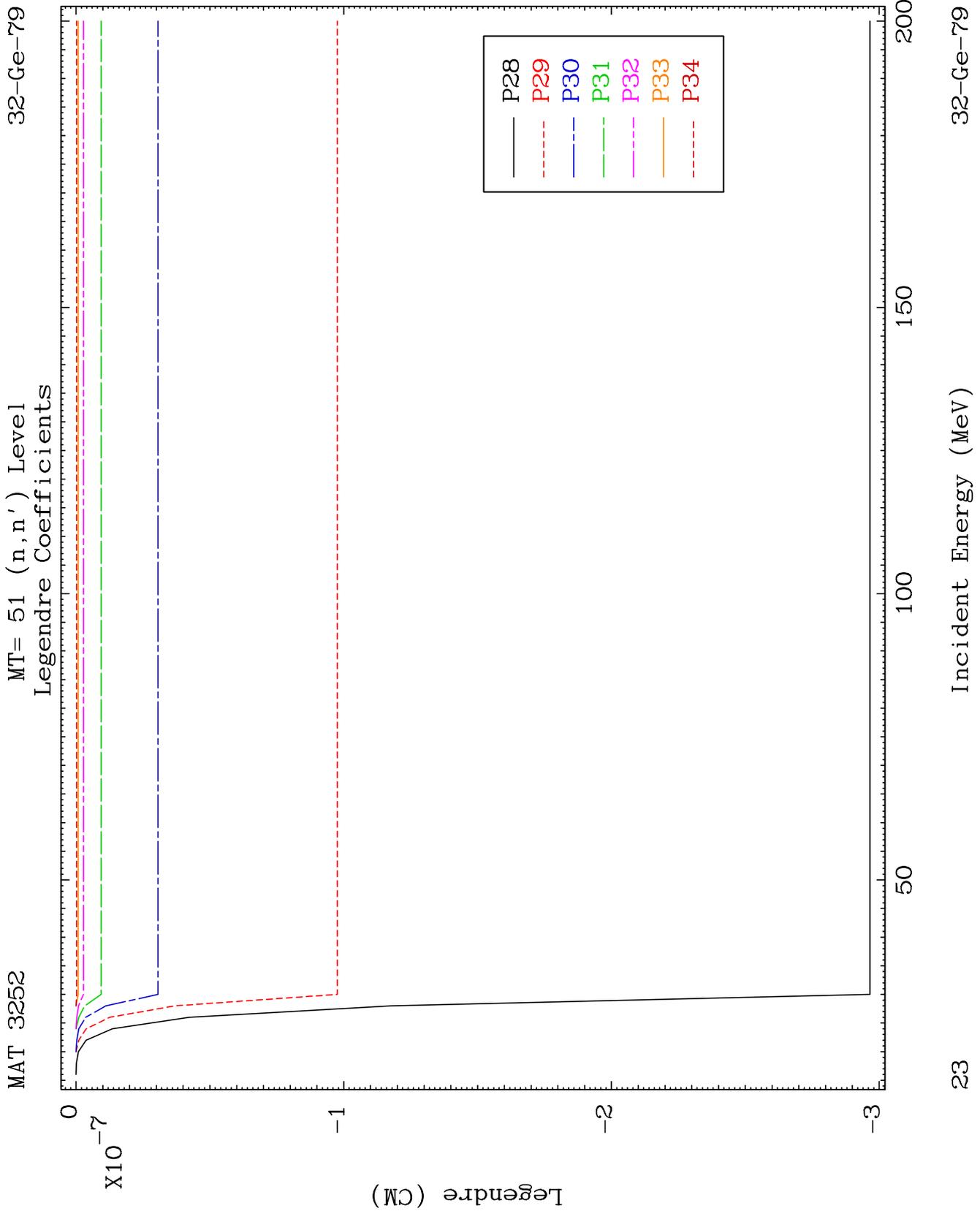
32-Ge-79

Incident Energy (MeV)

20



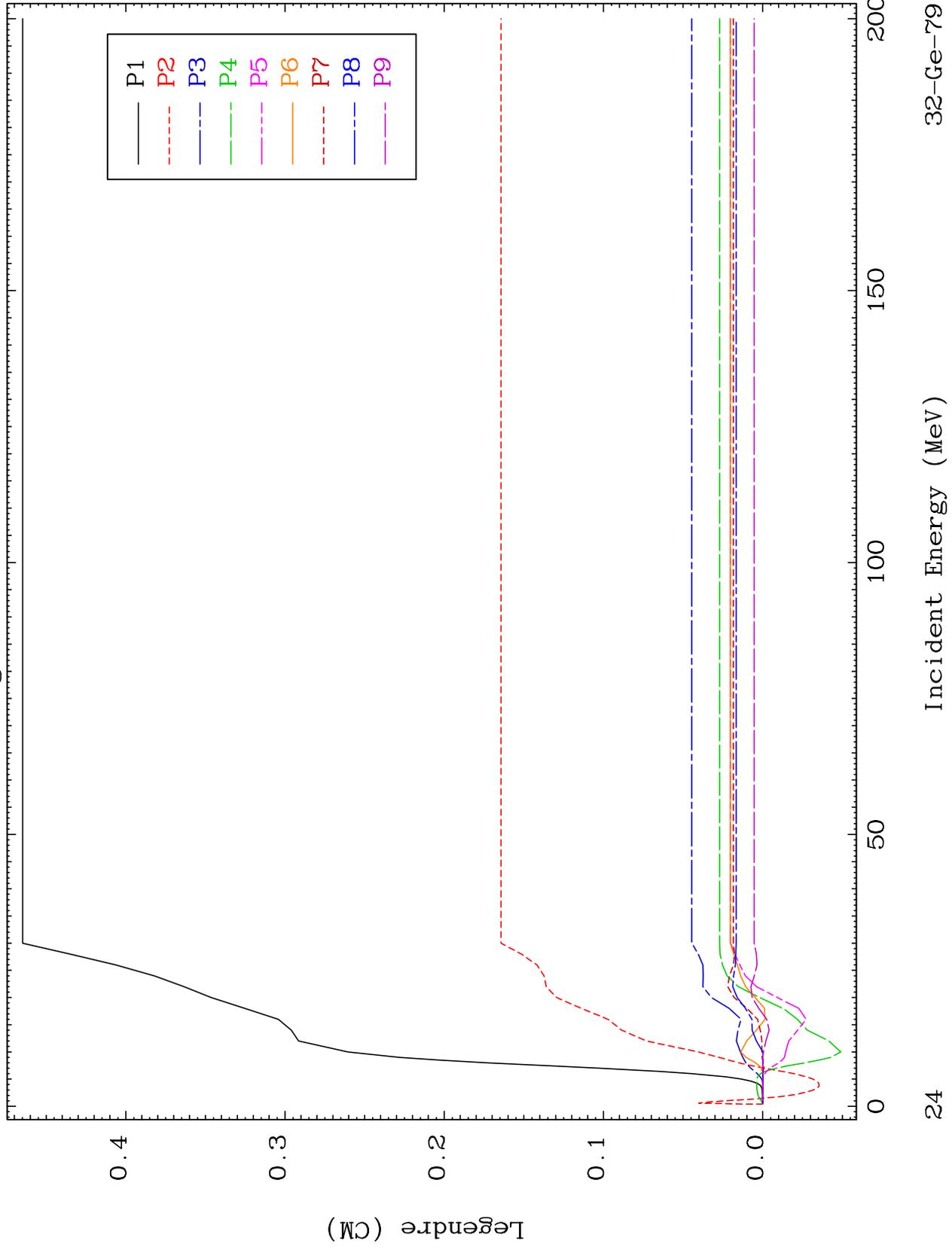




MAT 3252

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

32-Ge-79



24

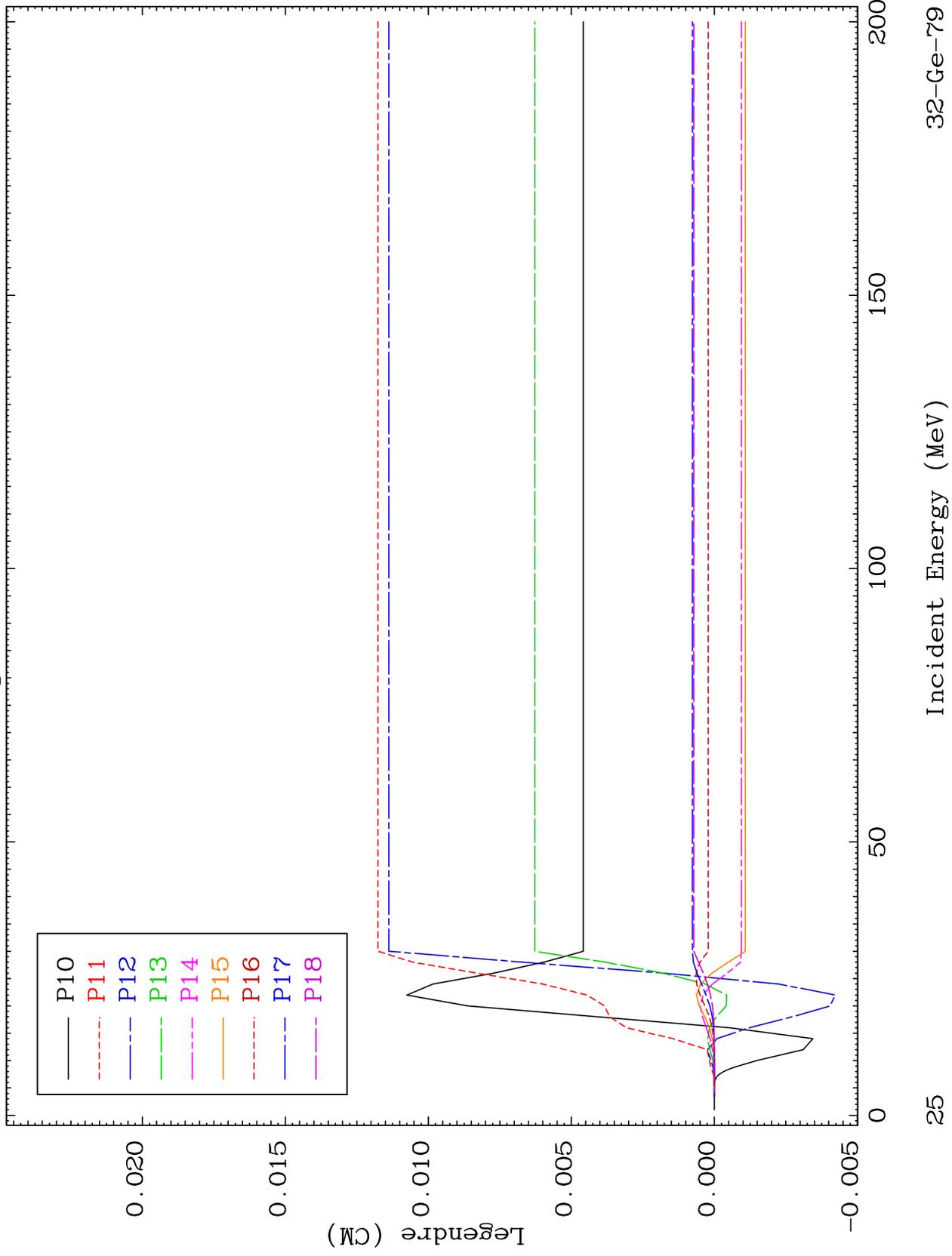
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

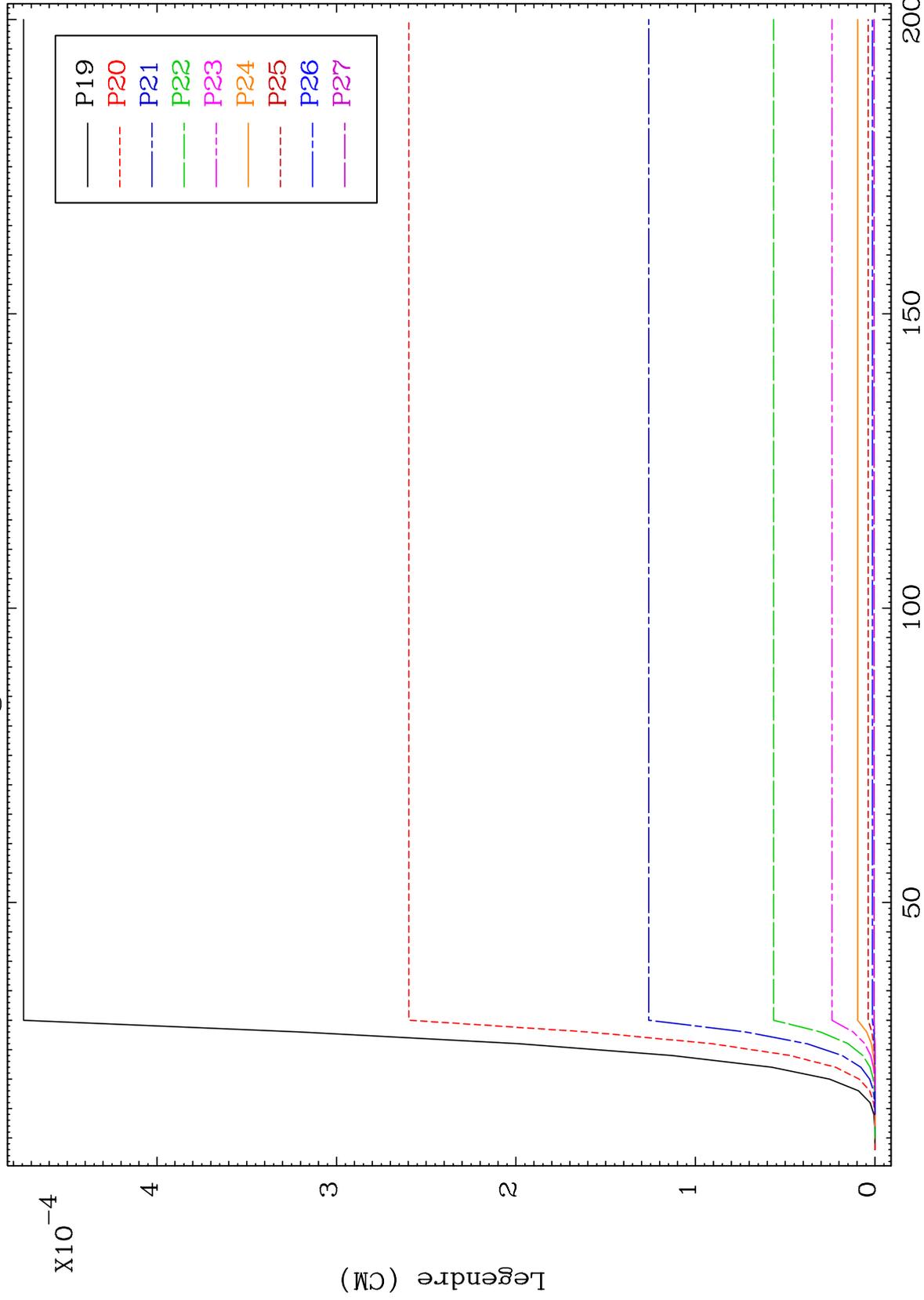
Incident Energy (MeV)

25

MAT 3252

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

32-Ge-79



26

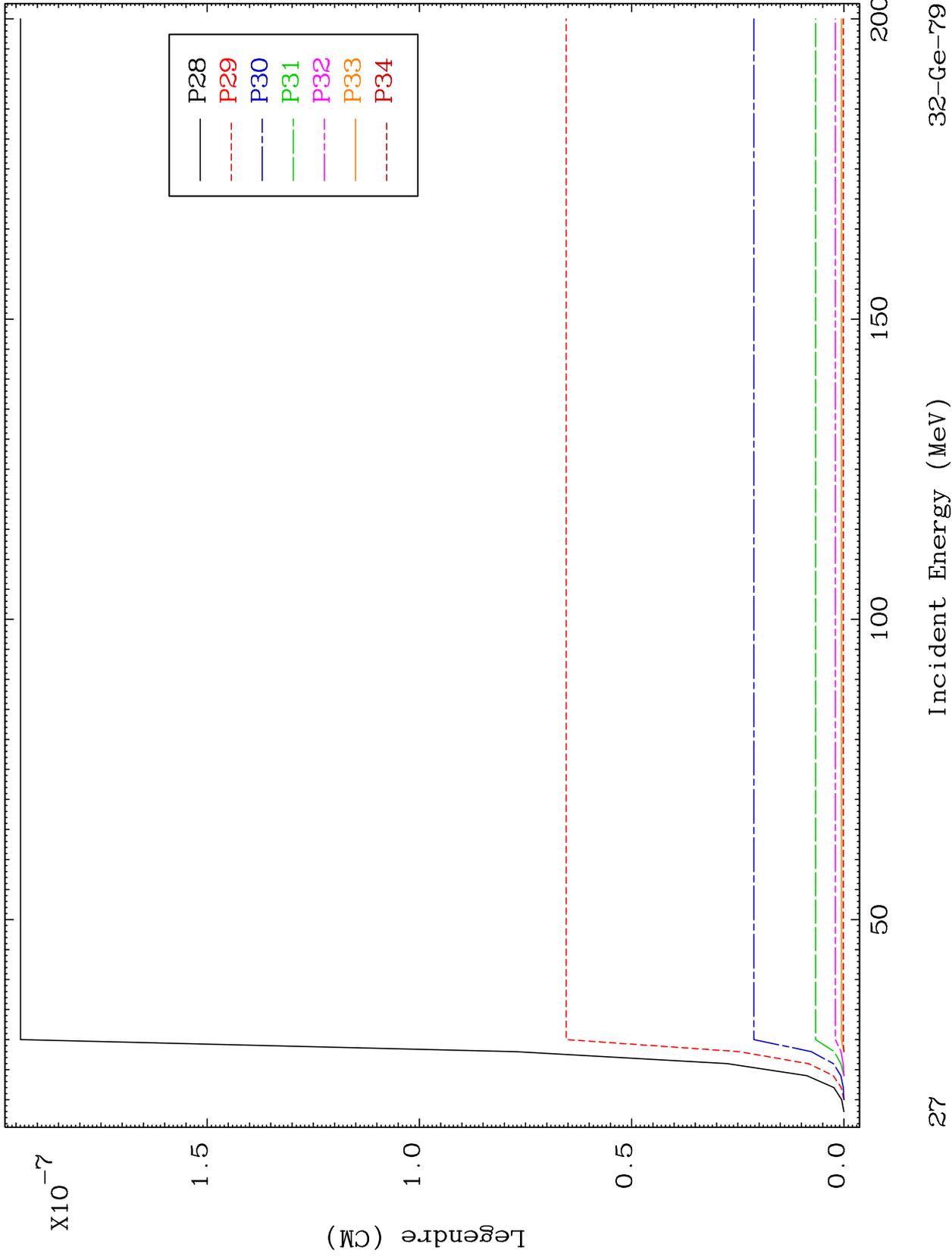
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



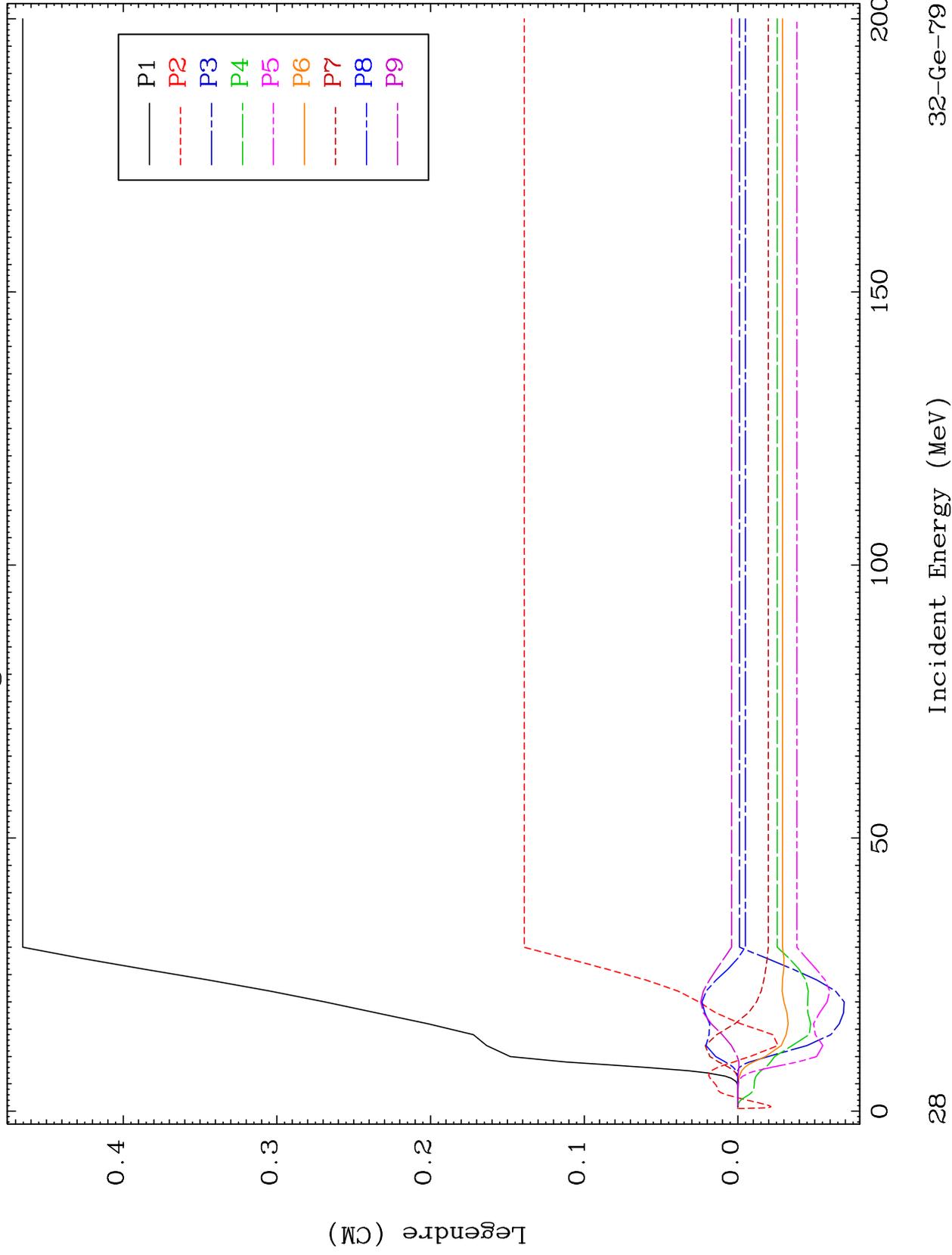
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32-Ge-79

MAT 3252

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

32-Ge-79



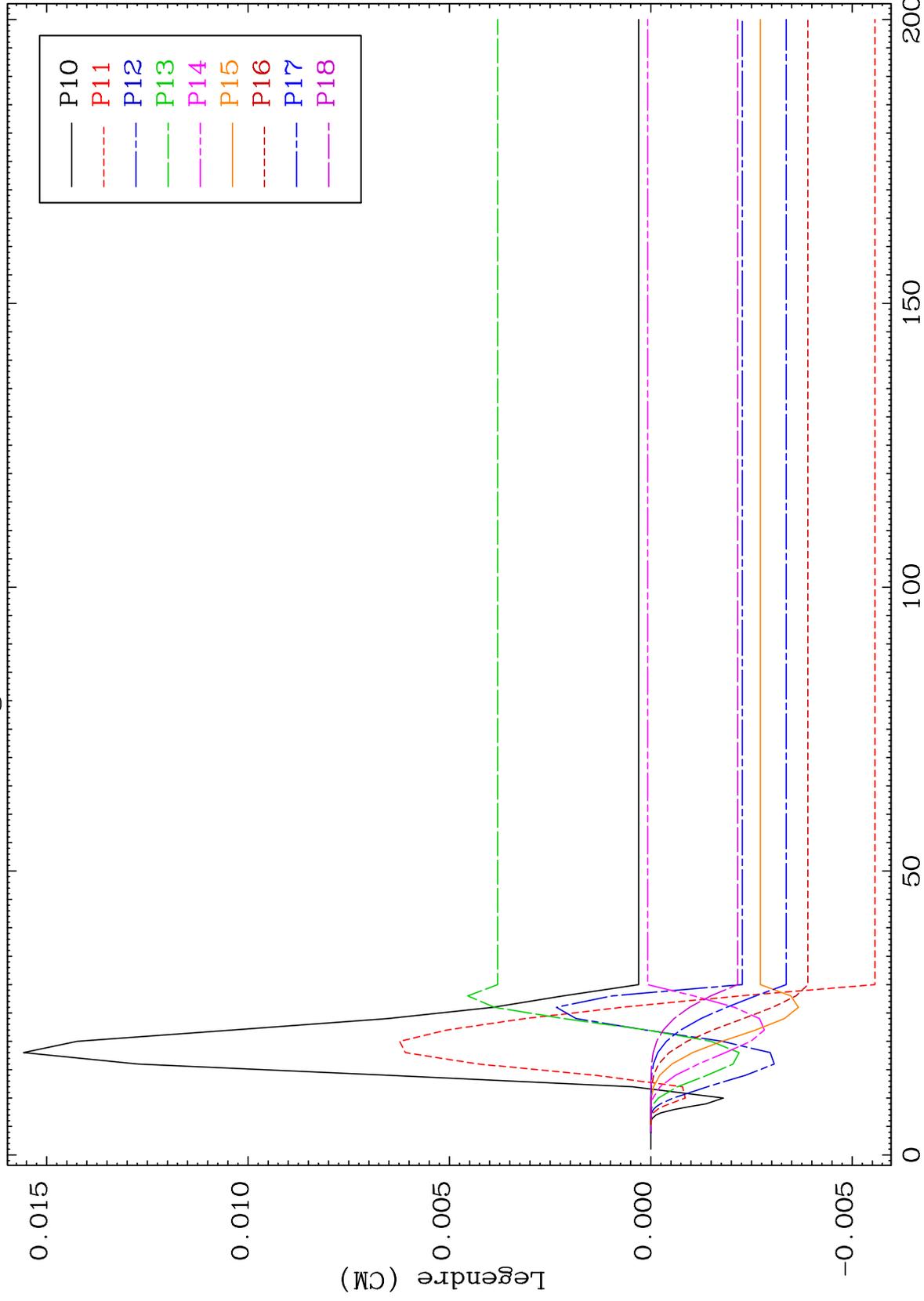
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32-Ge-79

MAT 3252

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

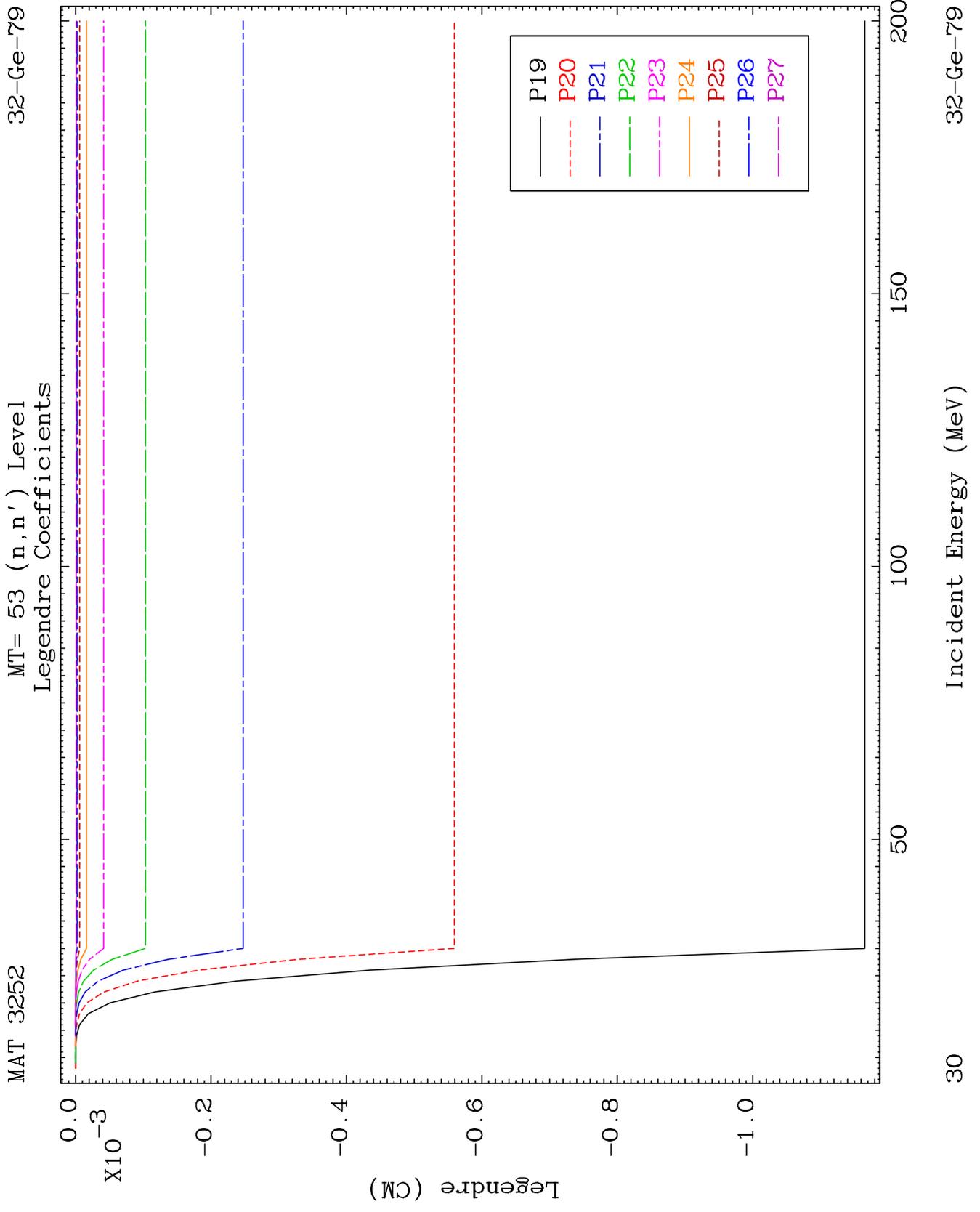
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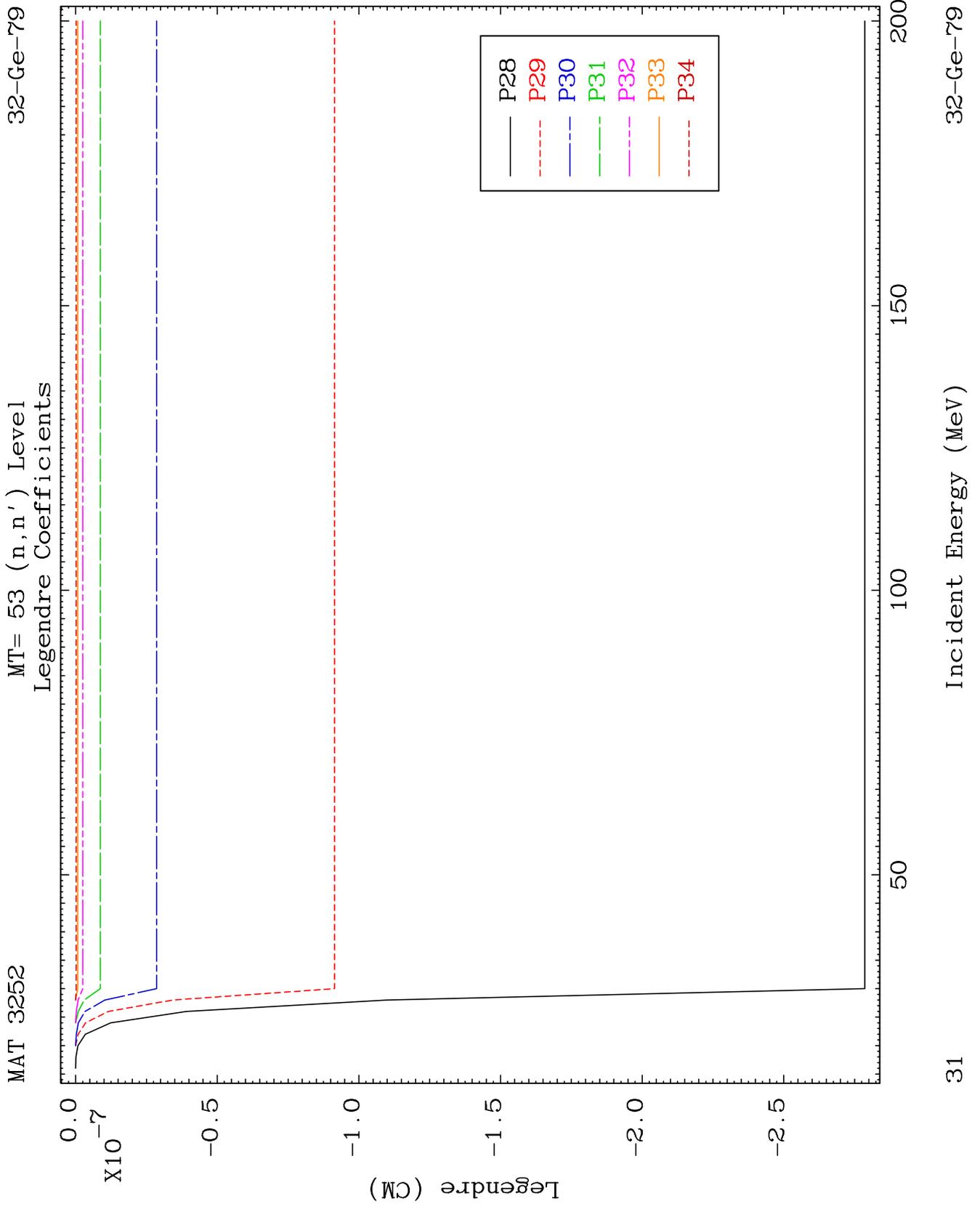


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Incident Energy (MeV)

32-Ge-79

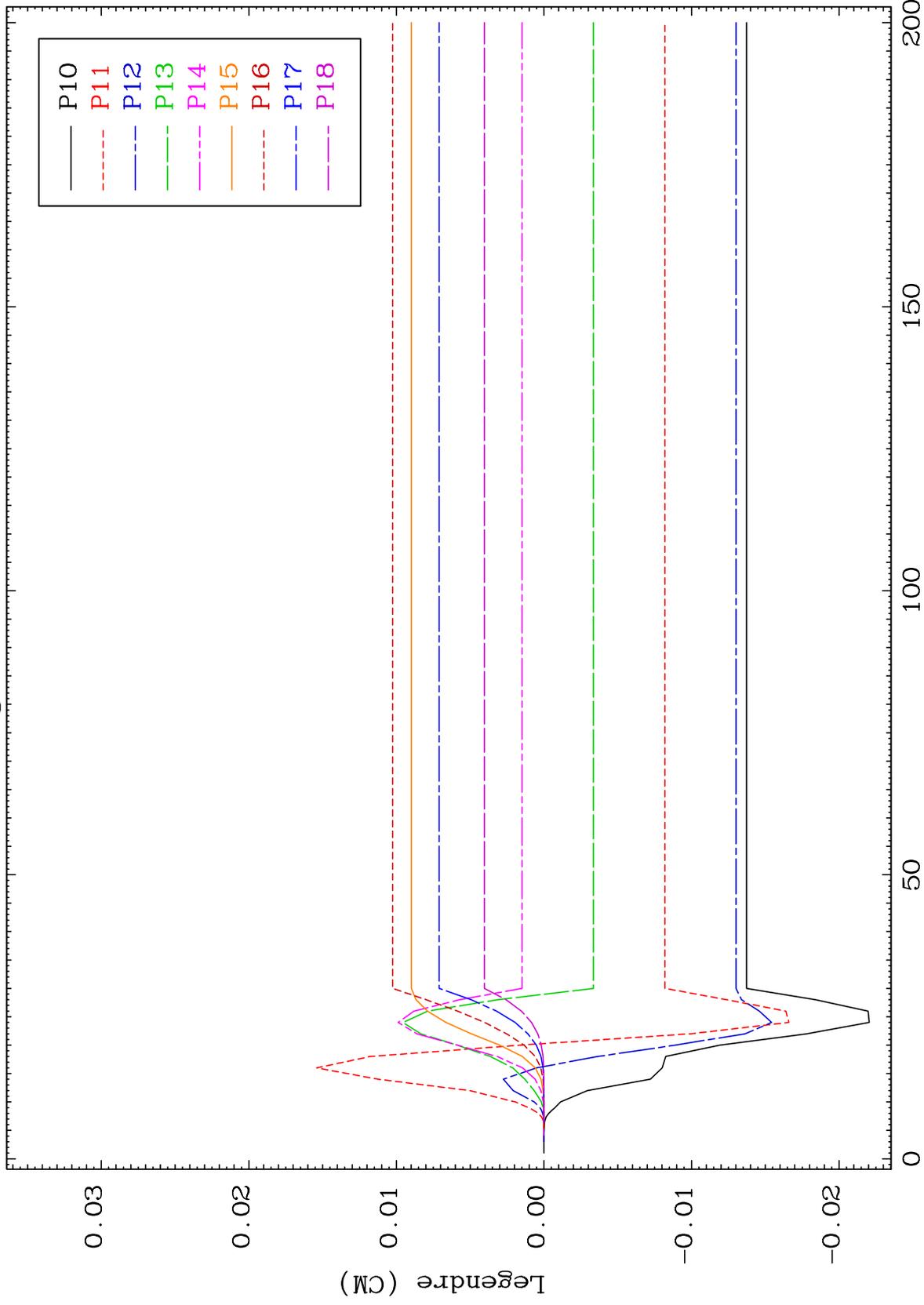




MAT 3252

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

32-Ge-79



33

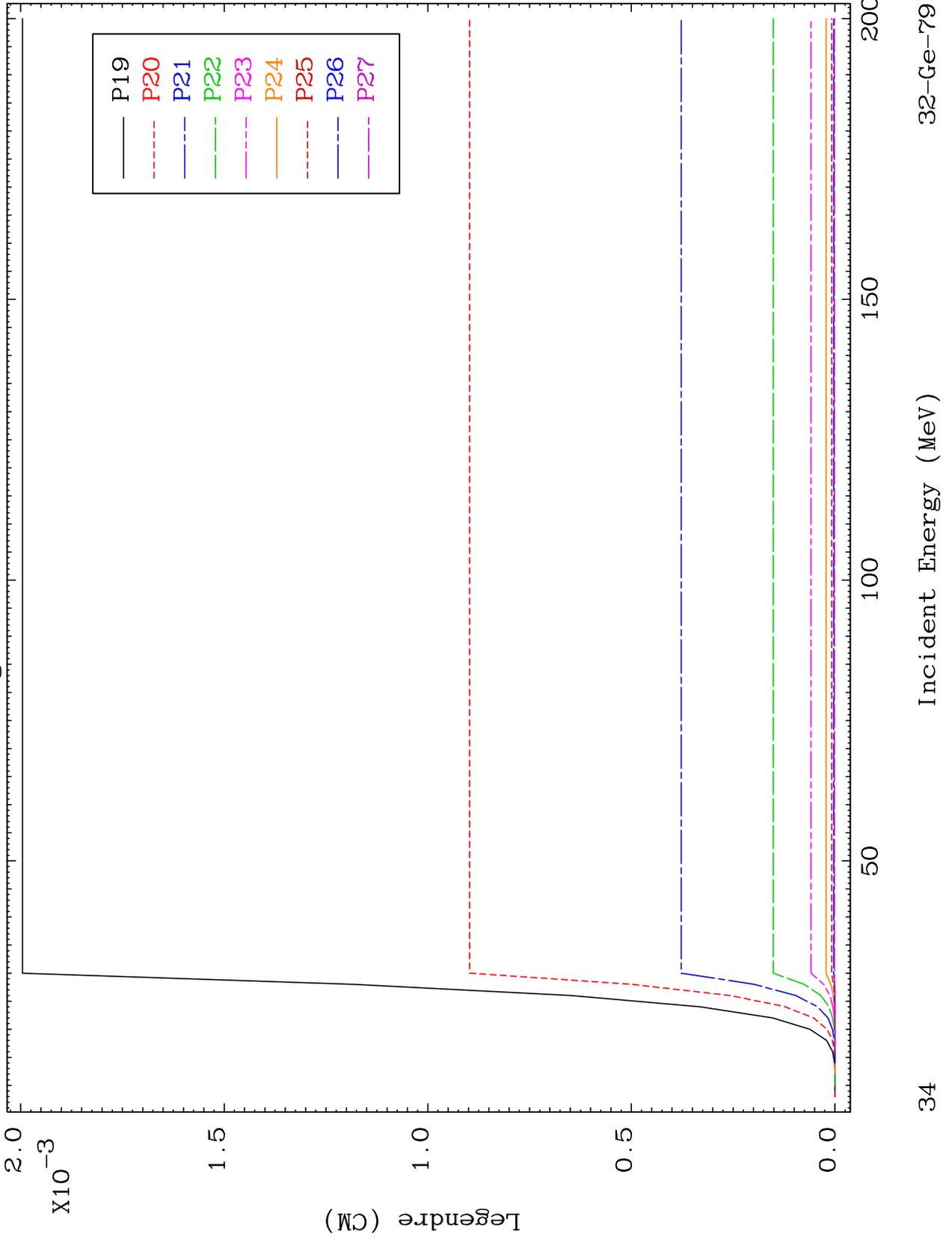
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

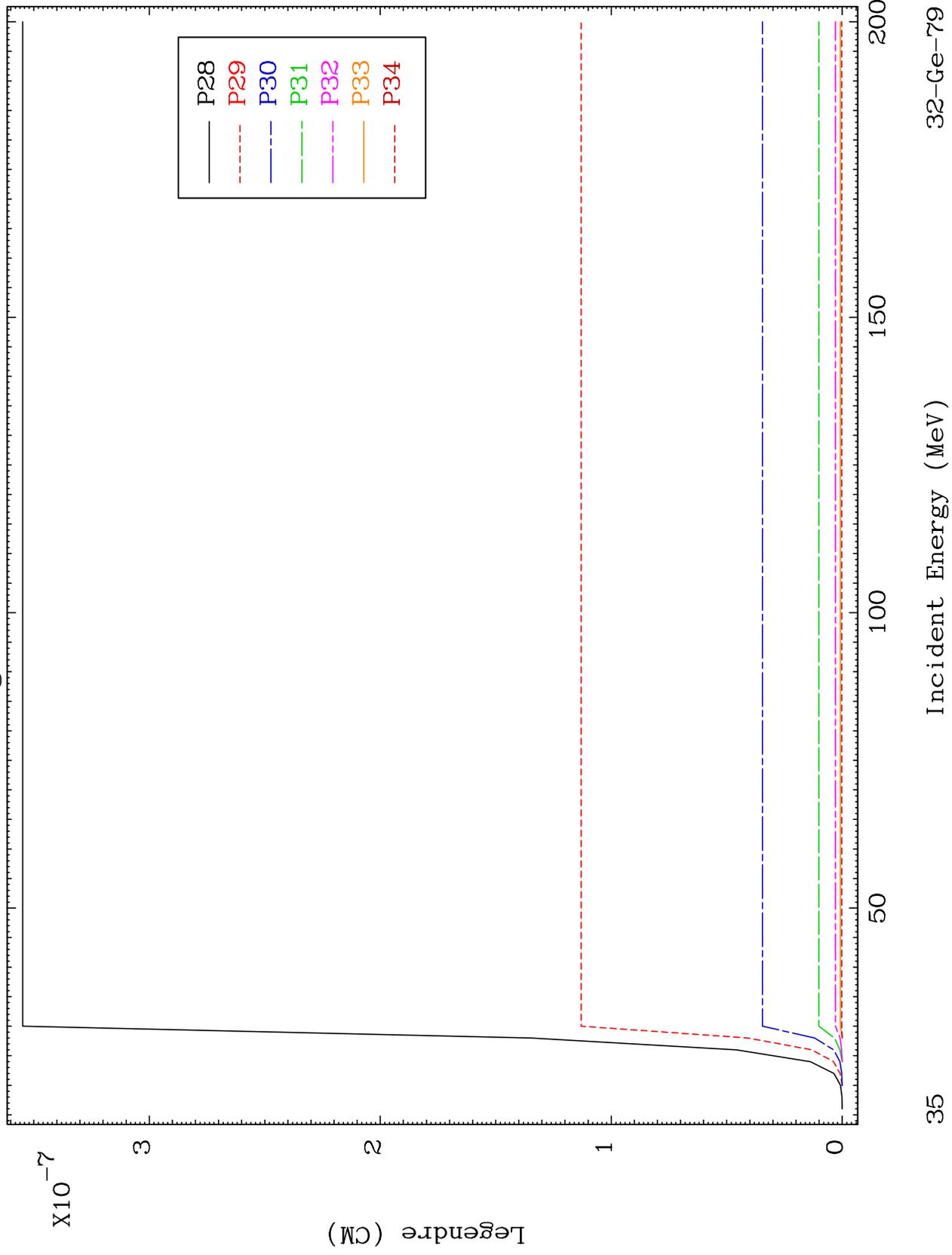
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MAT 3252

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

32-Ge-79



35

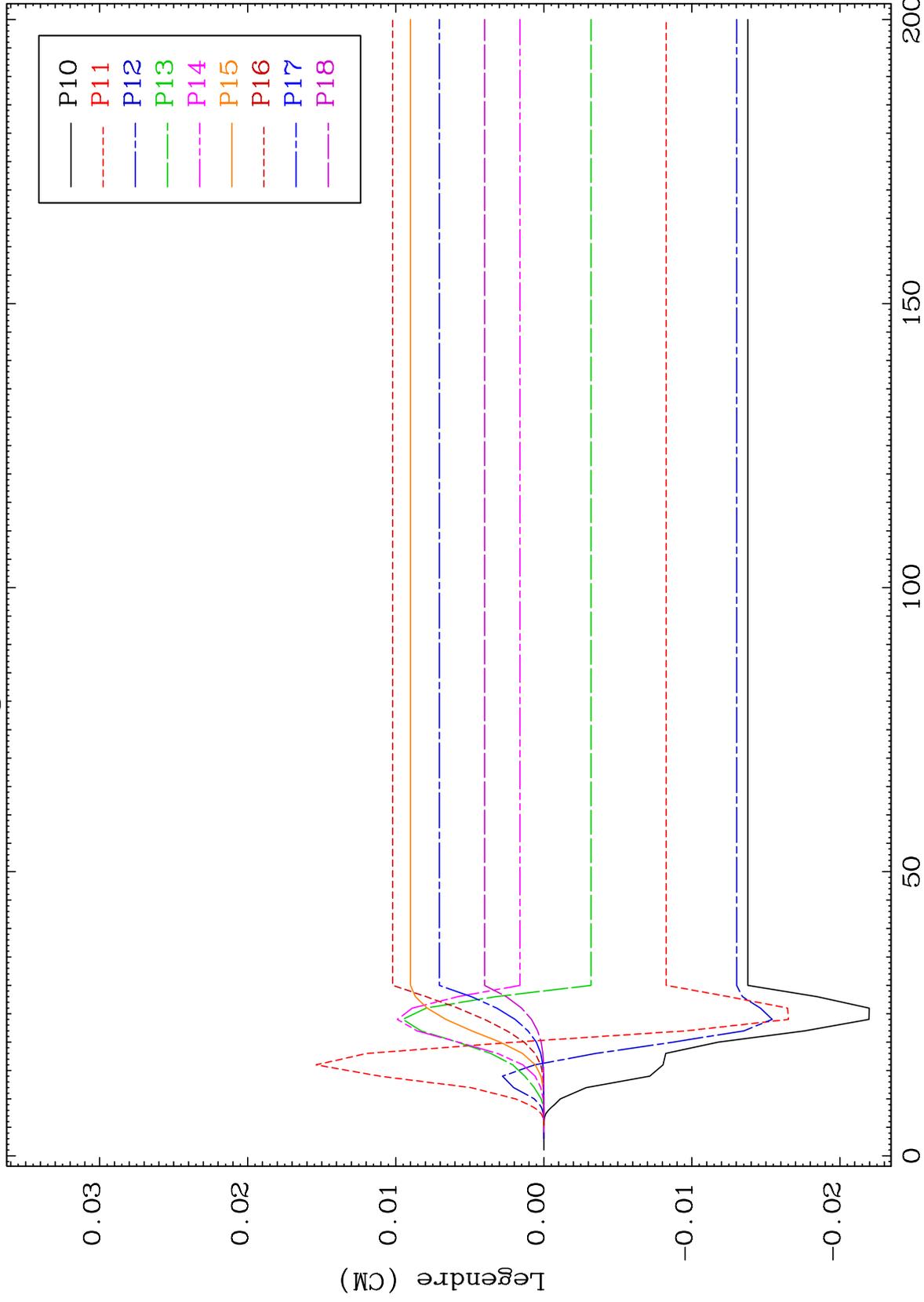
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

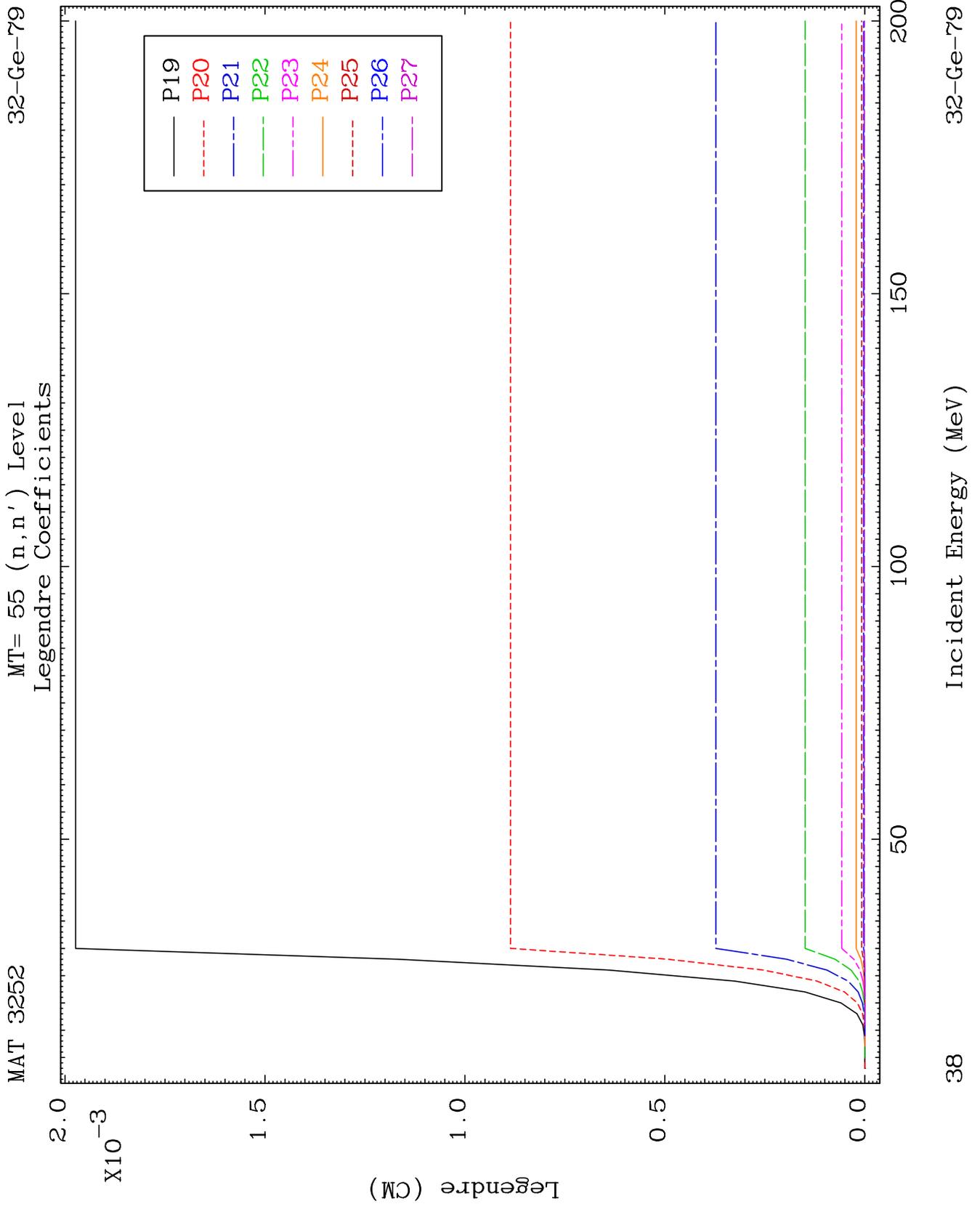
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37

Incident Energy (MeV)

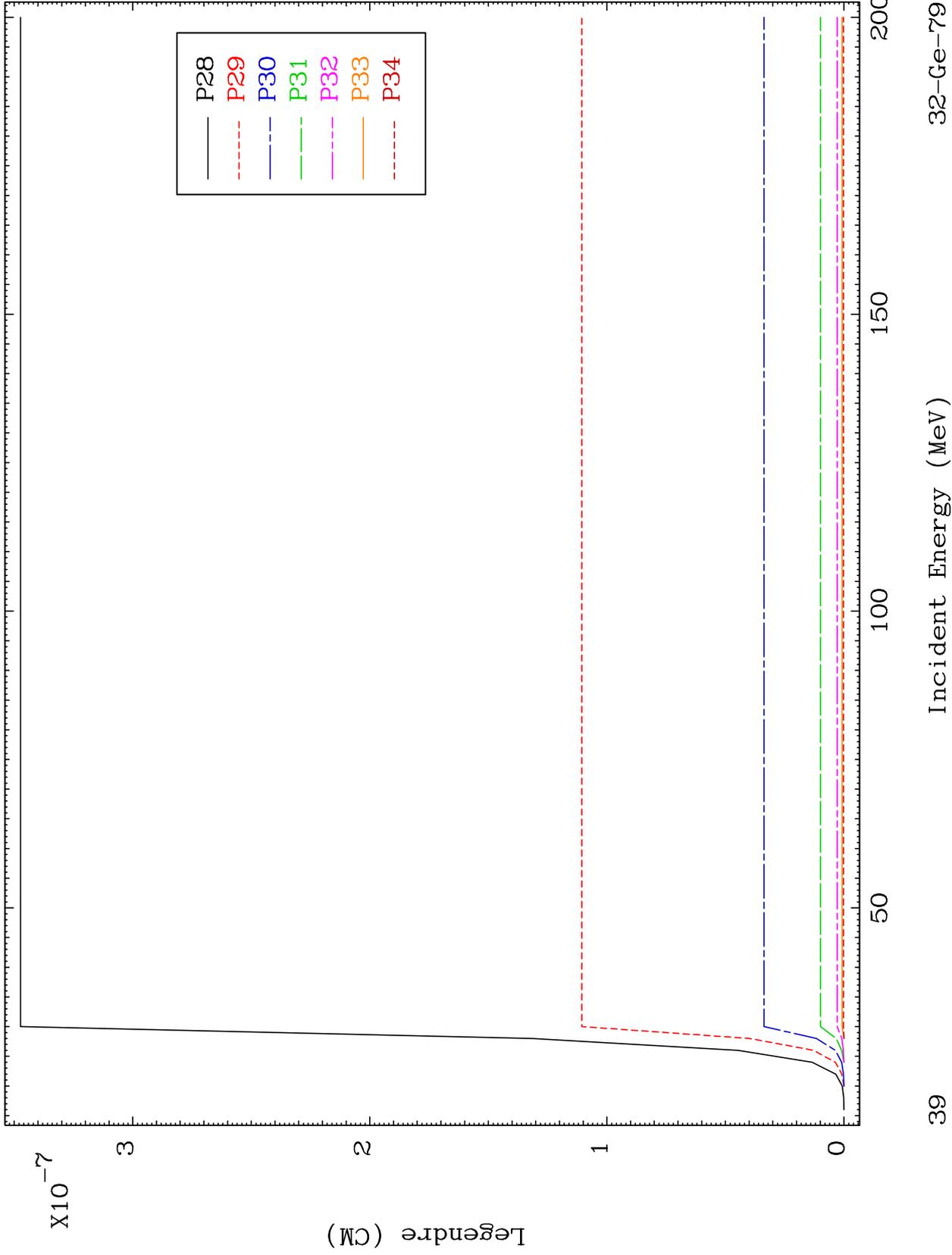
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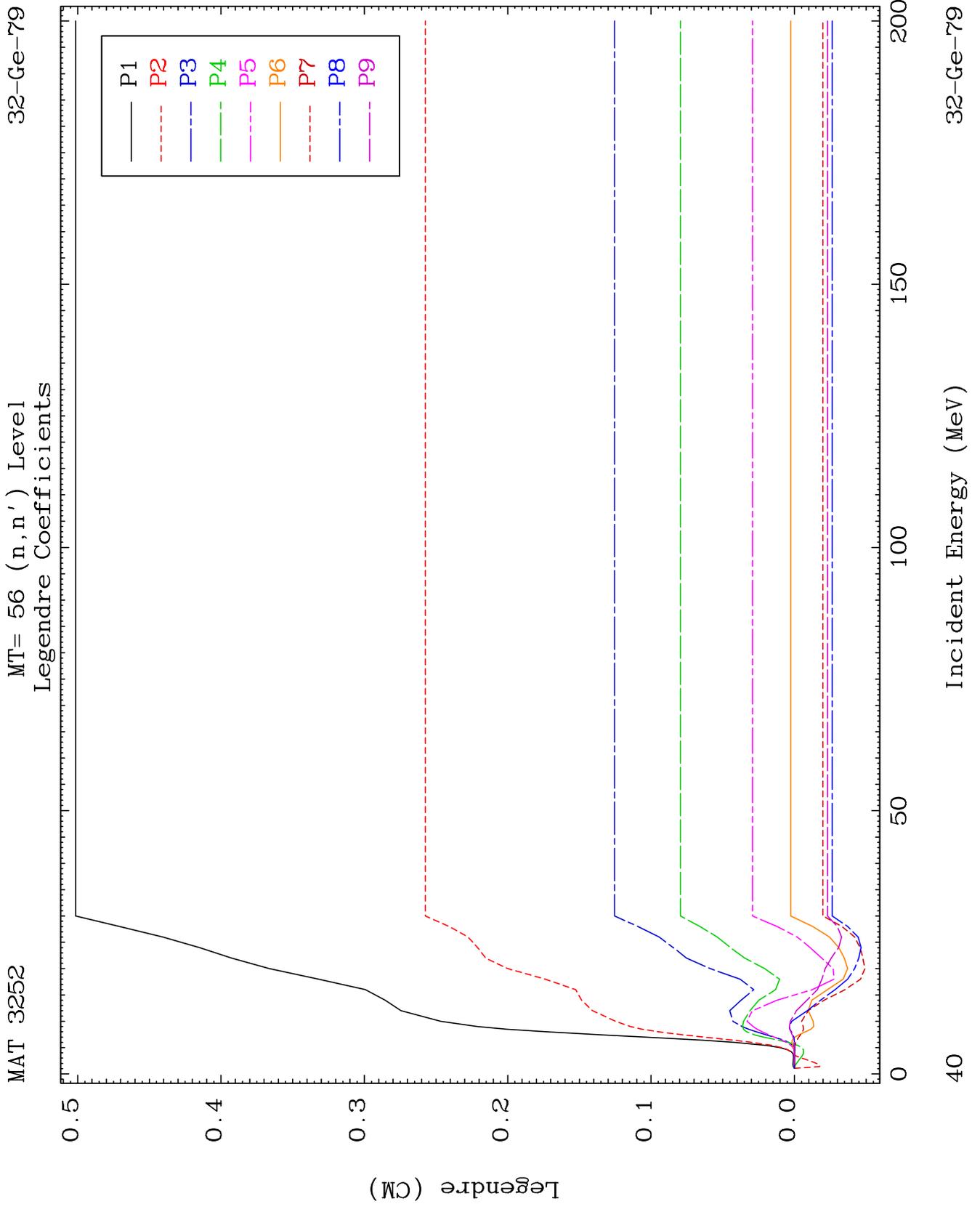


MAT 3252

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

32-Ge-79

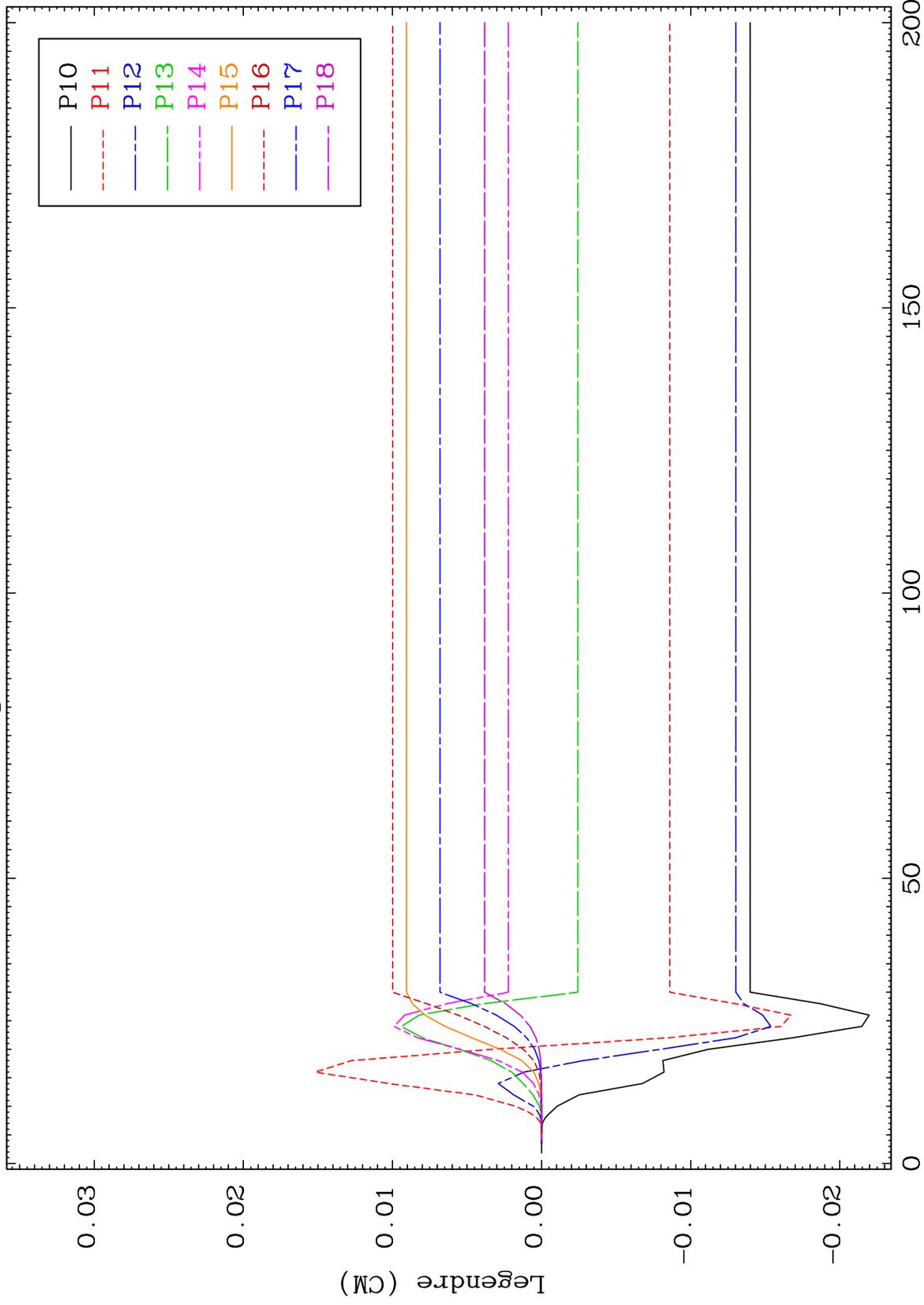




MAT 3252

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

32-Ge-79



41

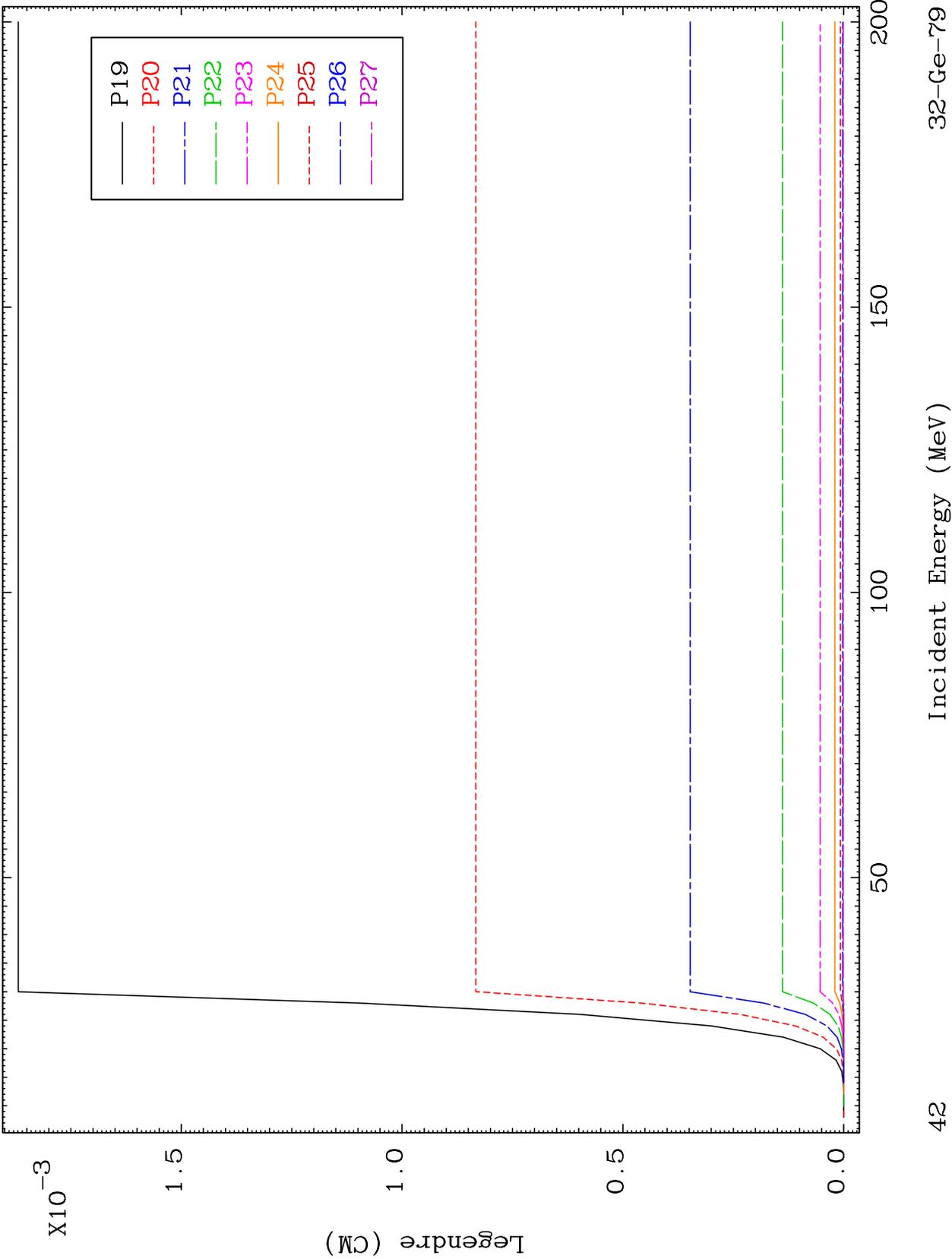
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



42

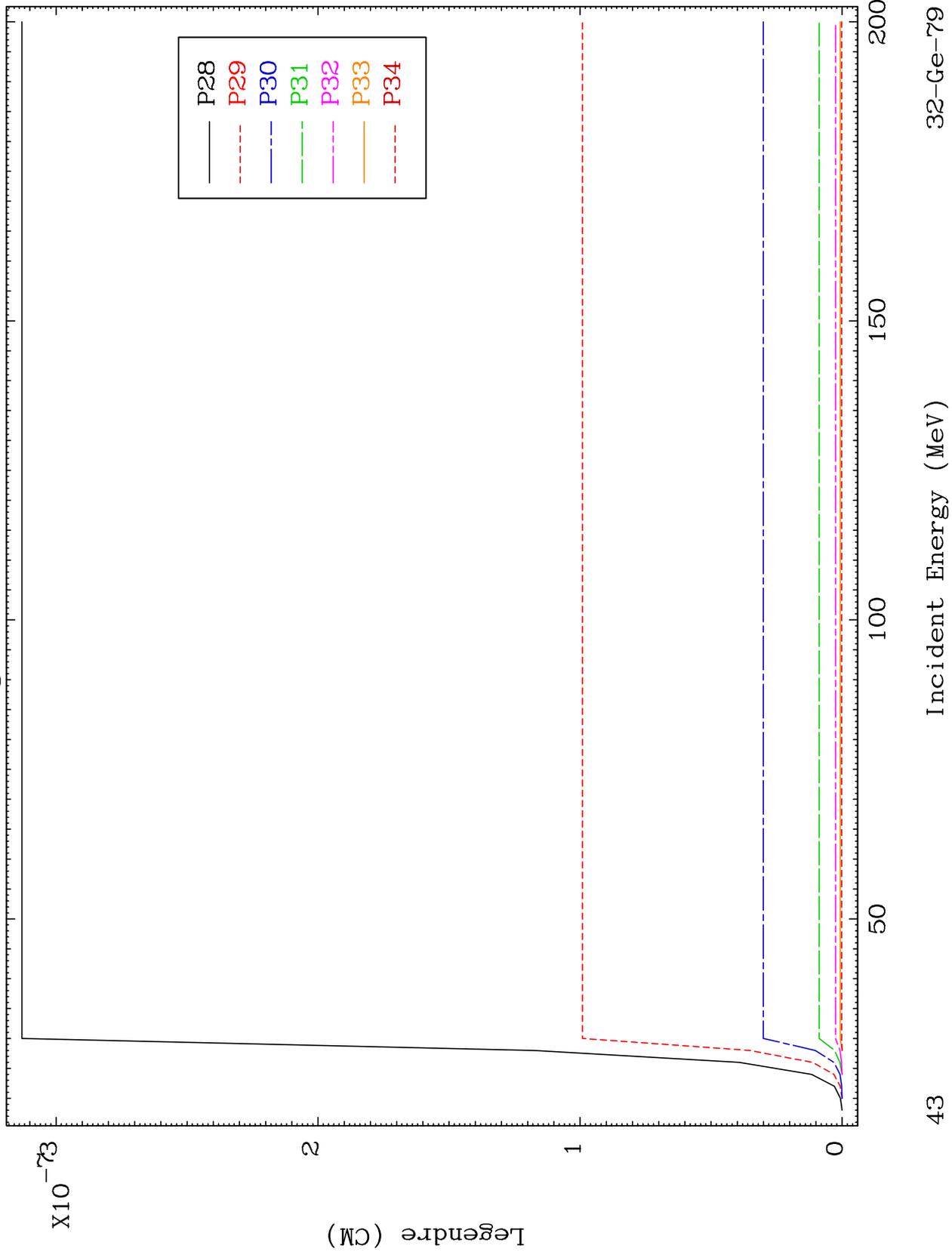
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

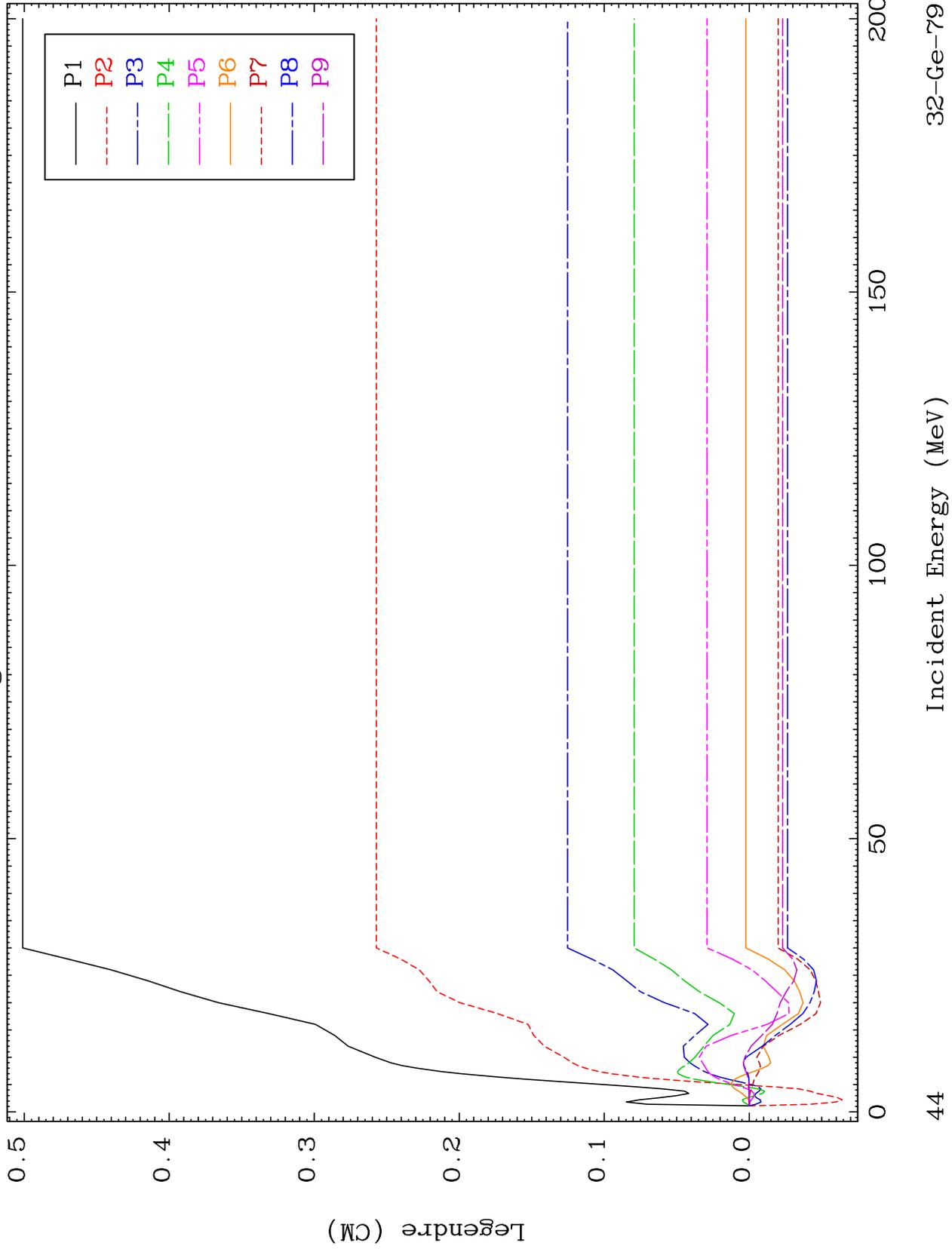
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MAT 3252

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

32-Ge-79



32-Ge-79

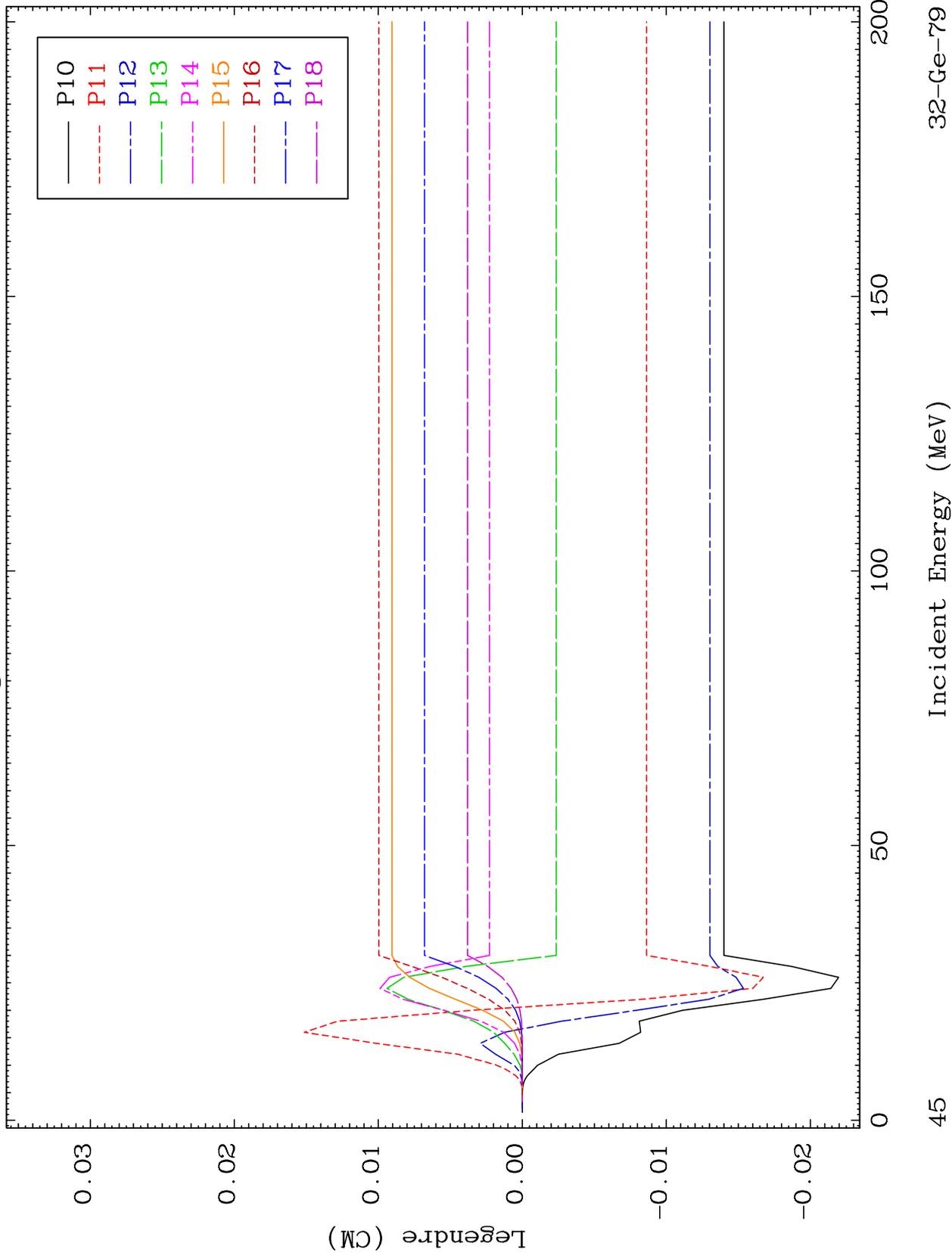
Incident Energy (MeV)

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MAT 3252

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

32-Ge-79



32-Ge-79

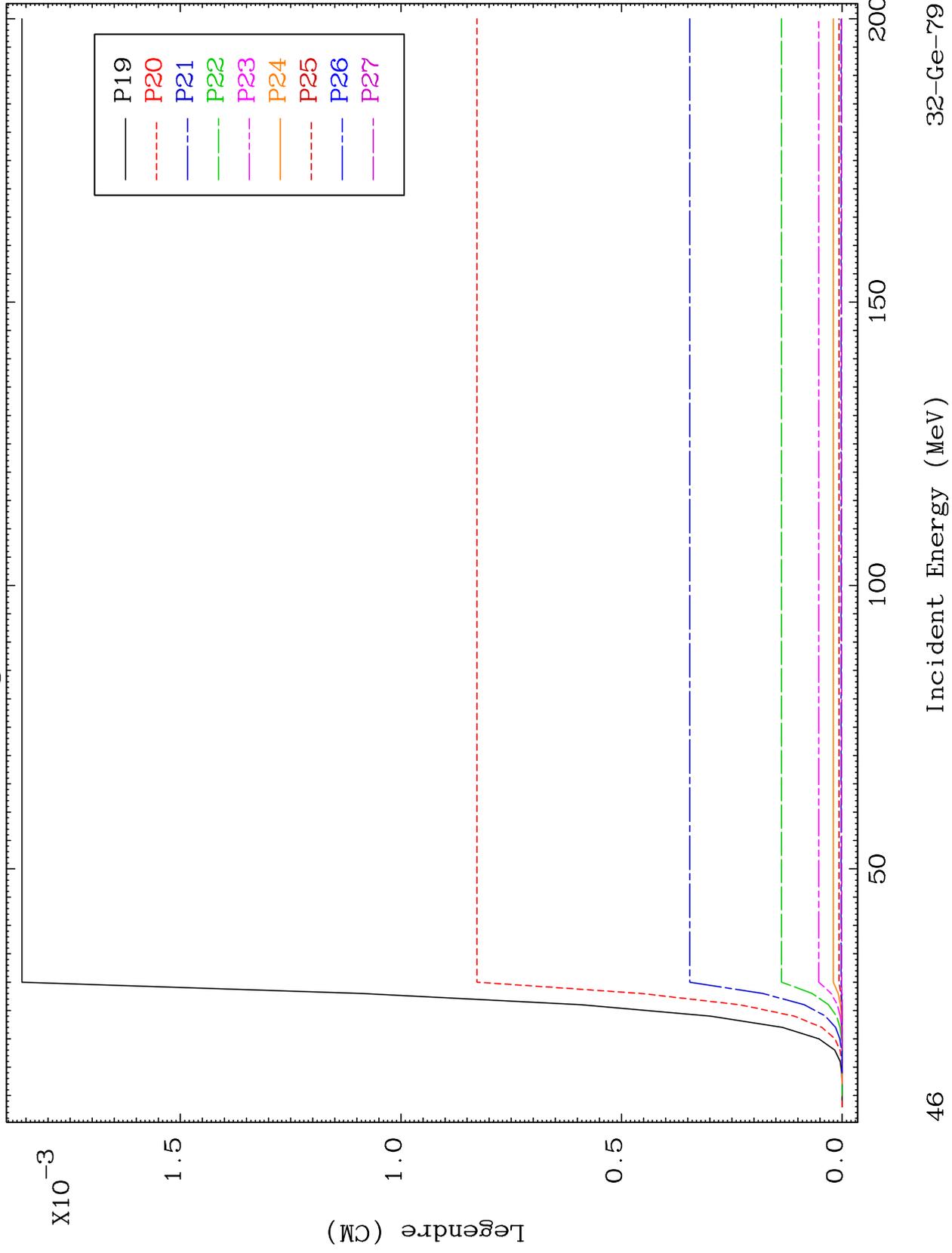
Incident Energy (MeV)

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MAT 3252

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

32-Ge-79



46

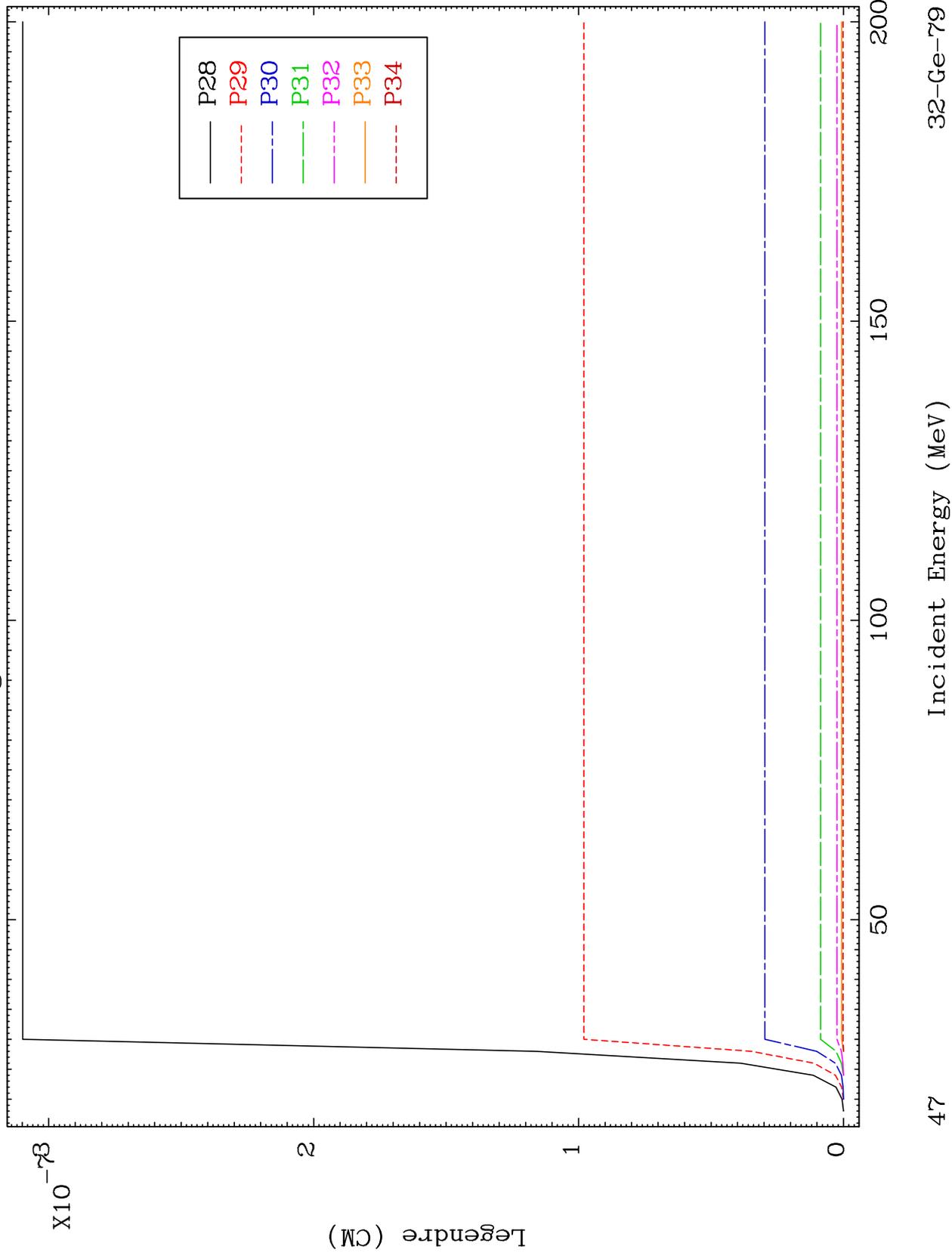
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



47

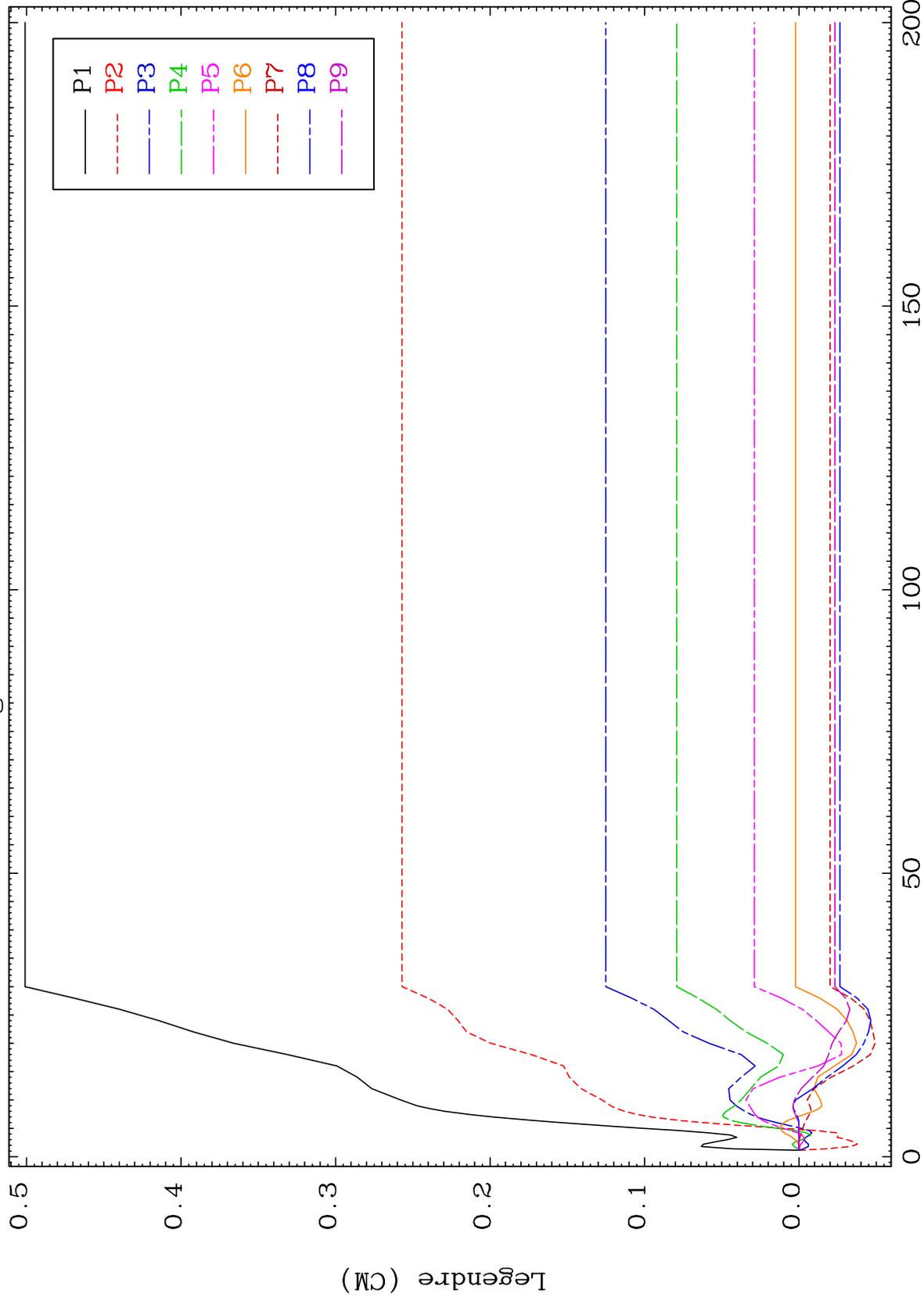
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

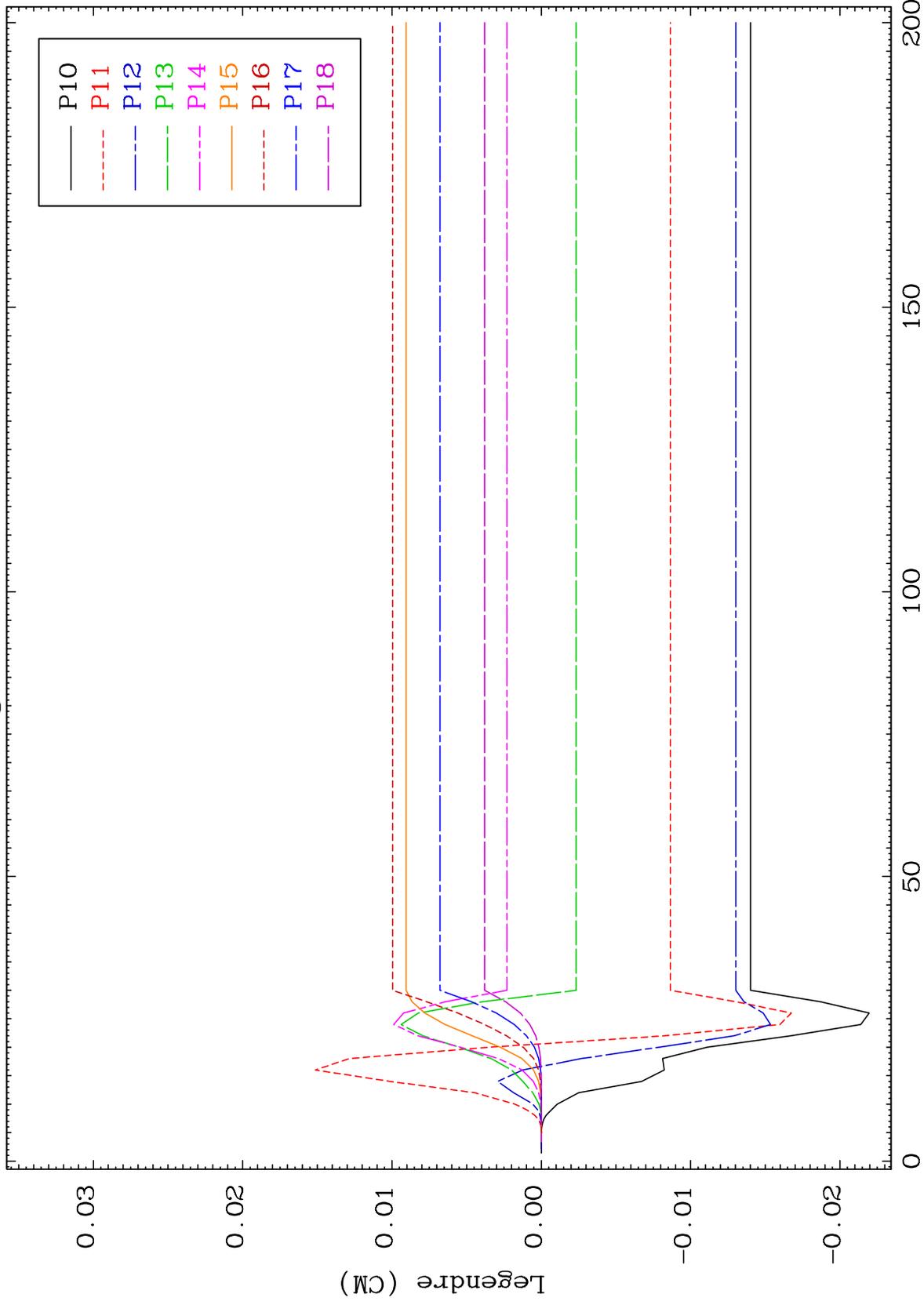
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48

MAT 3252

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

32-Ge-79



49

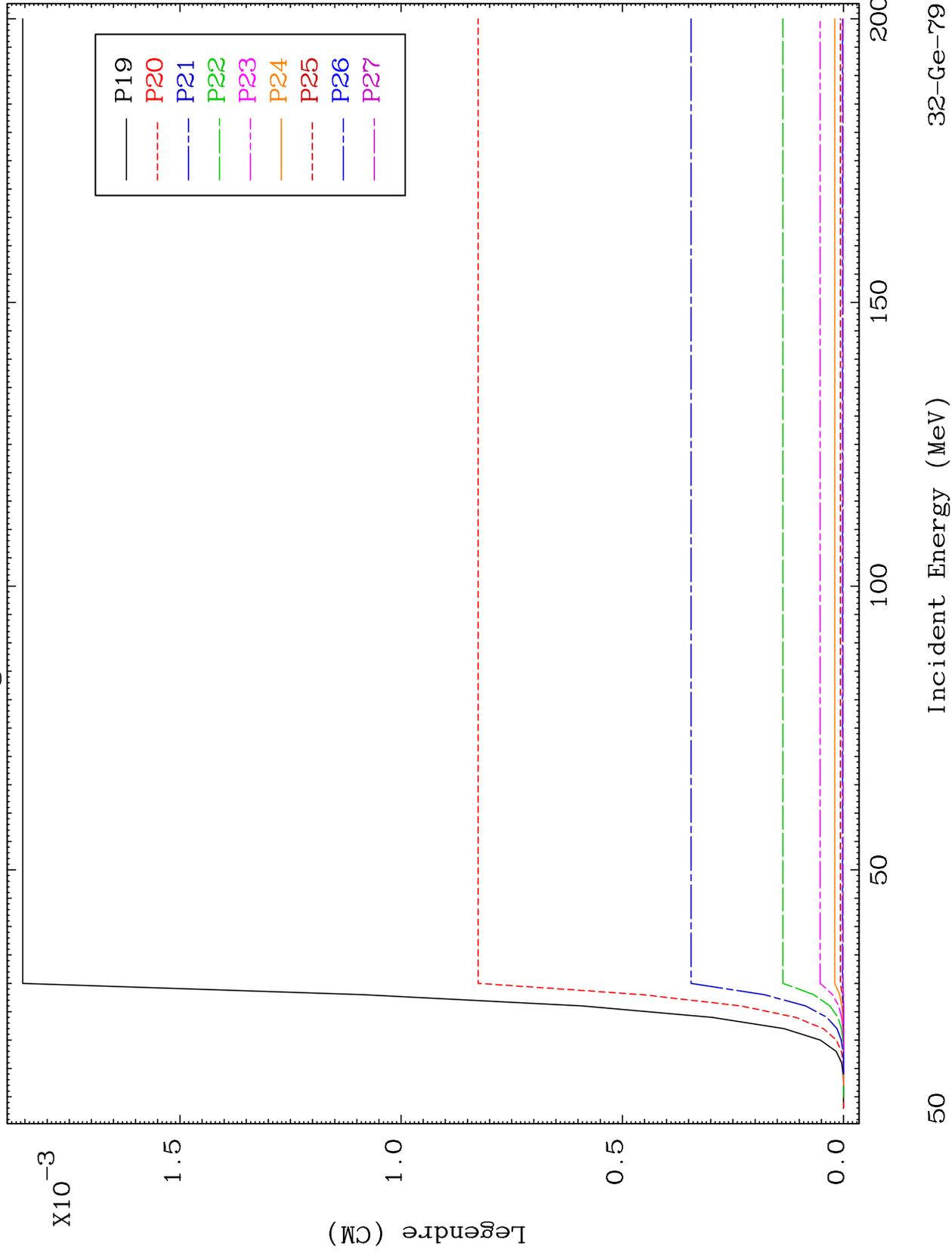
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

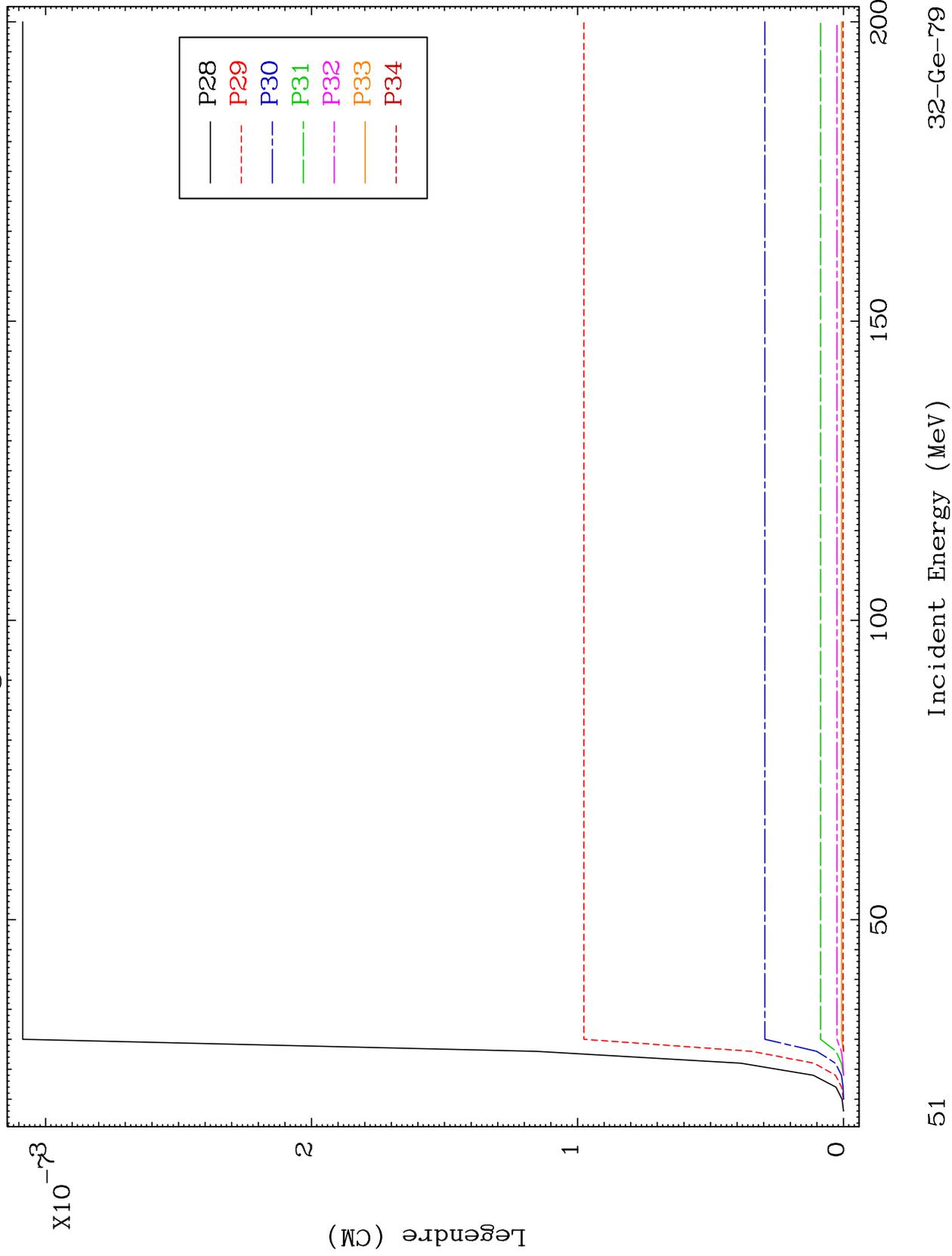
32-Ge-79



MAT 3252

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

32-Ge-79



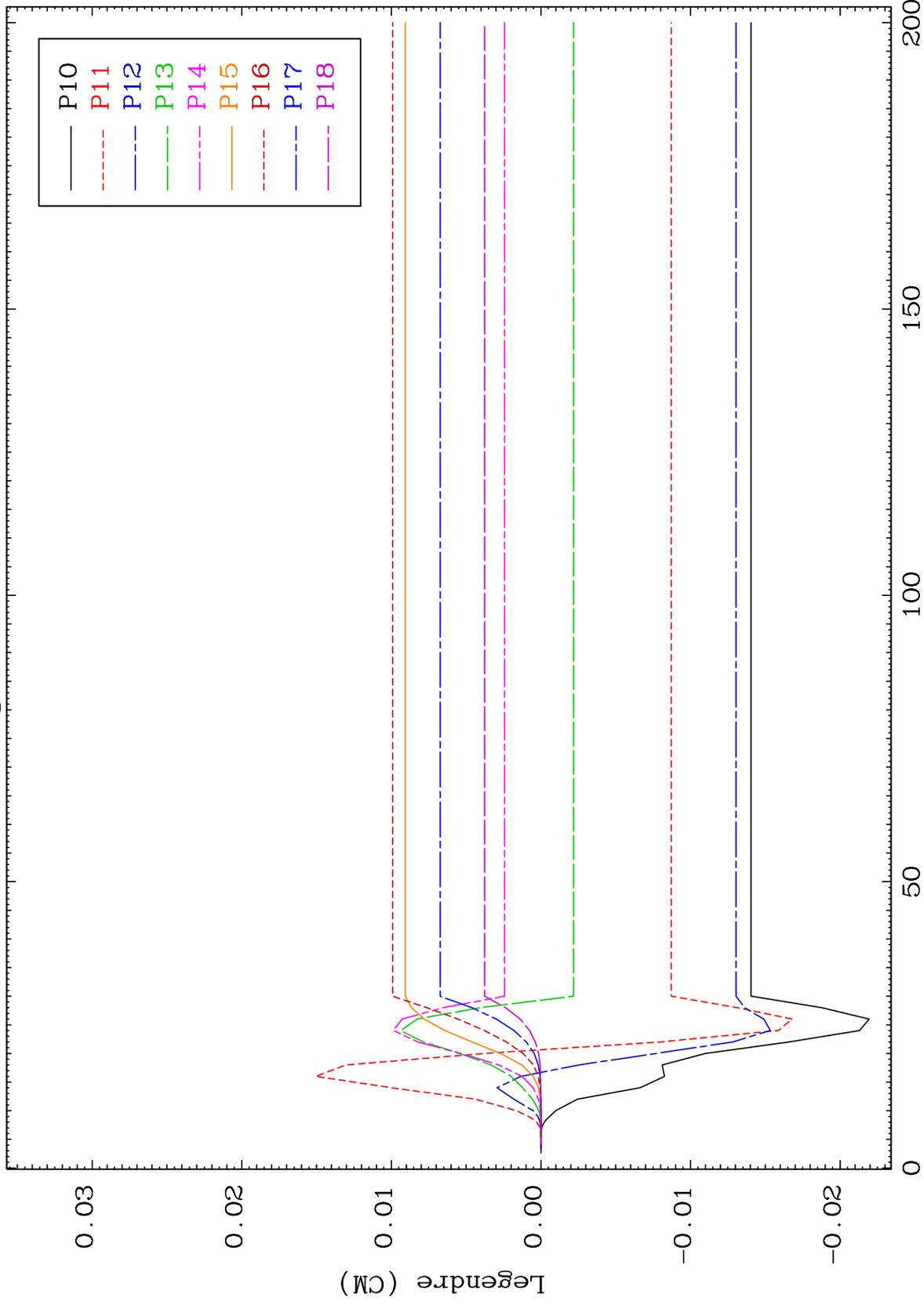
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32-Ge-79

MAT 3252

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

32-Ge-79



53

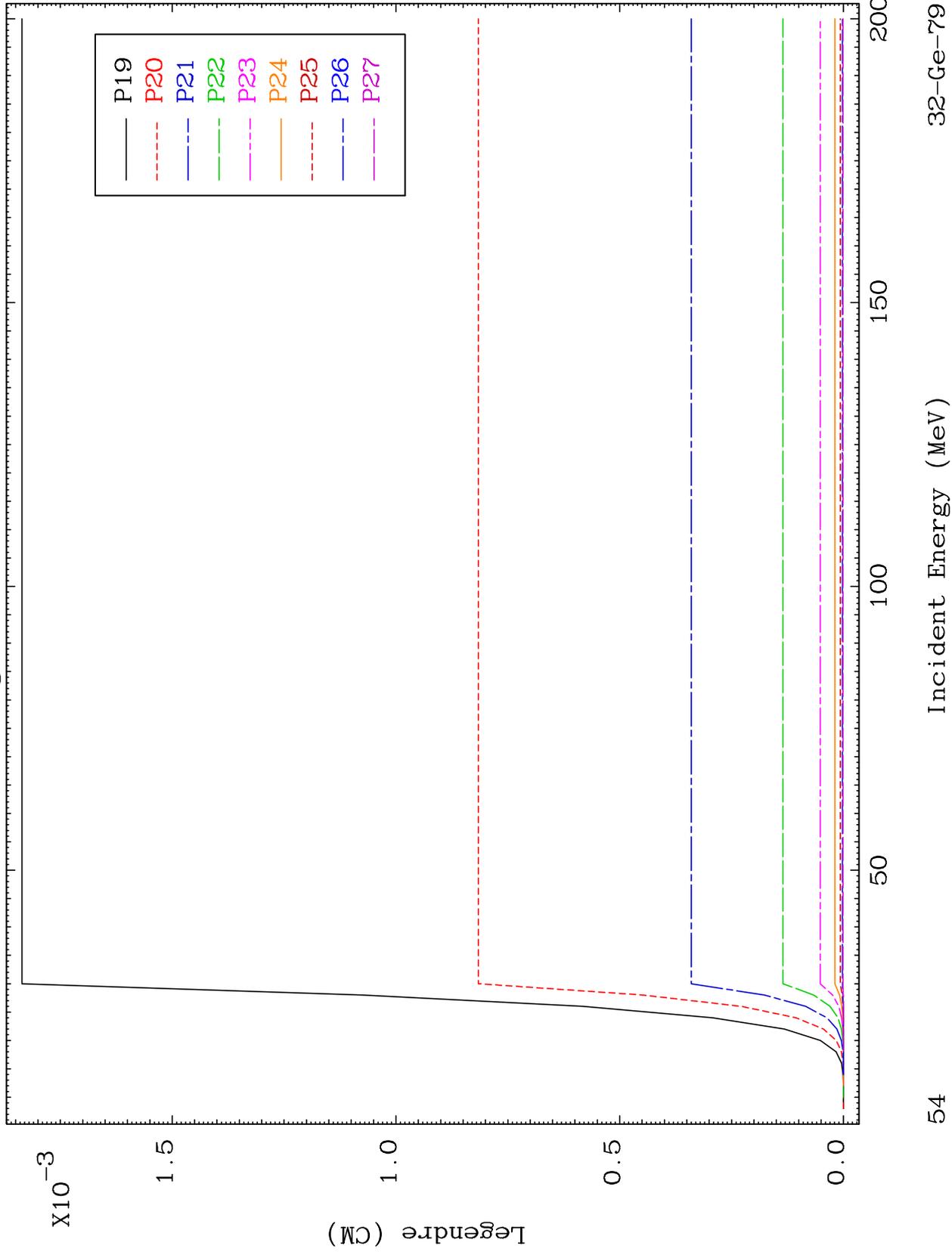
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



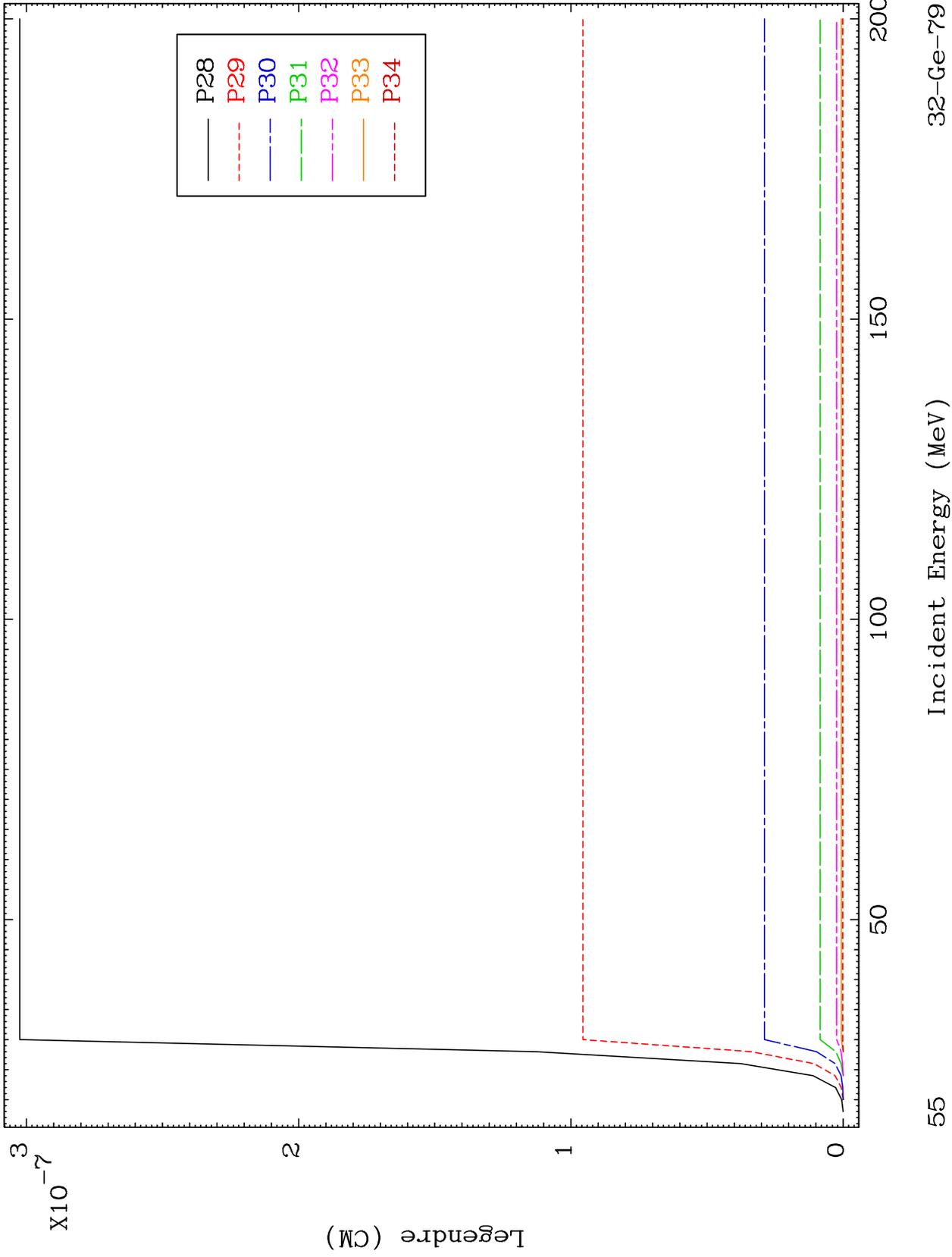
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Legendre Coefficients

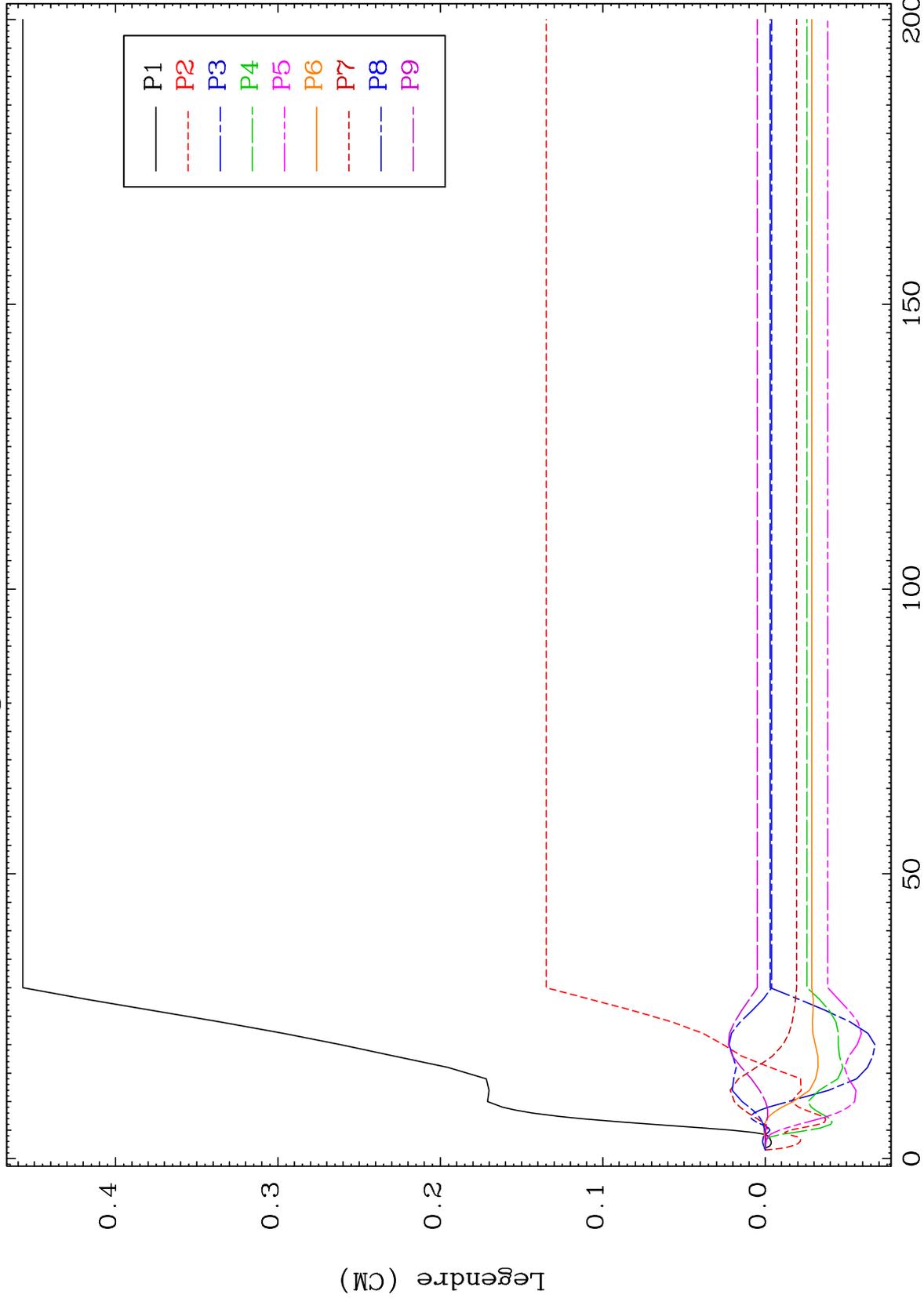
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MAT 3252

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Legendre Coefficients

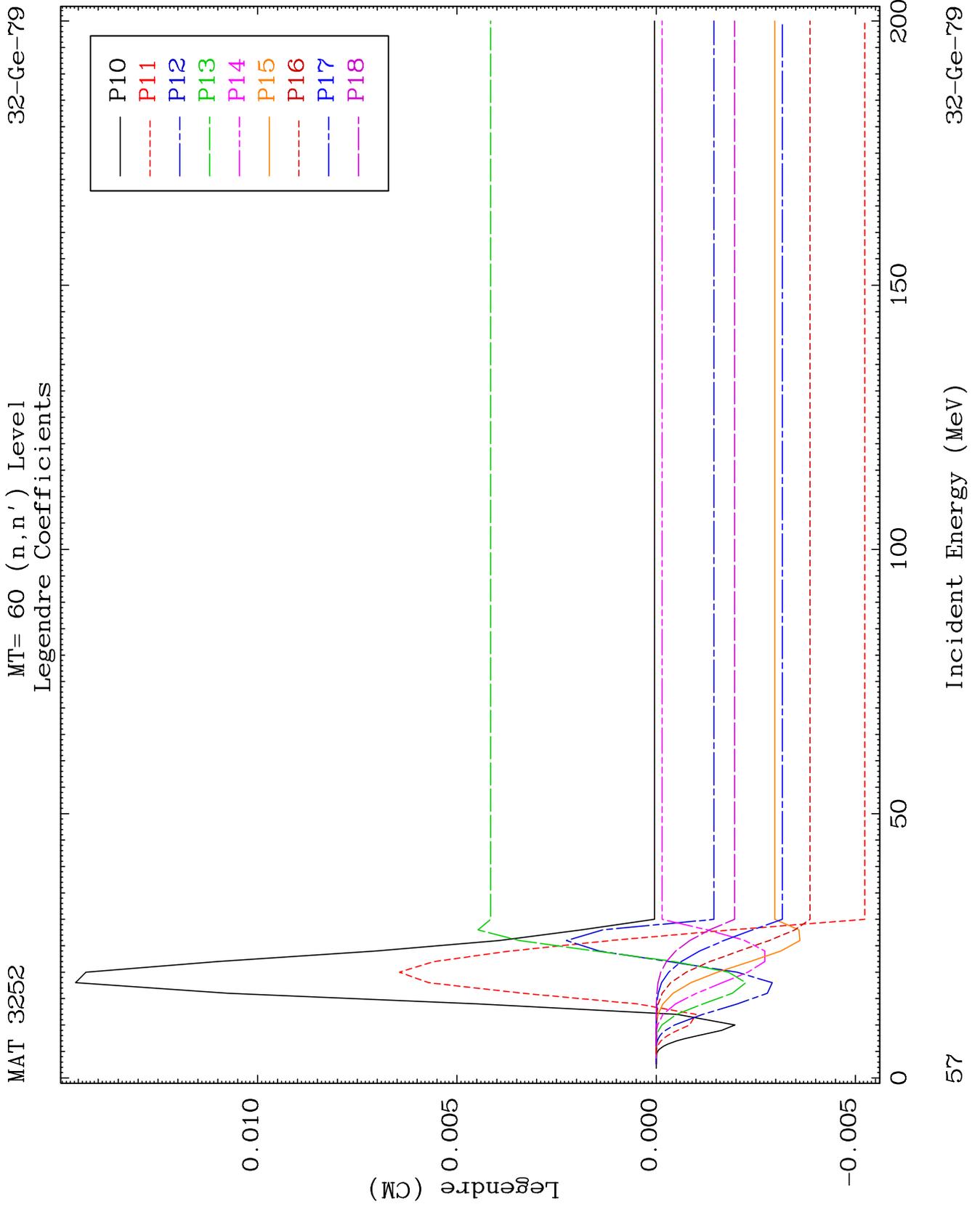
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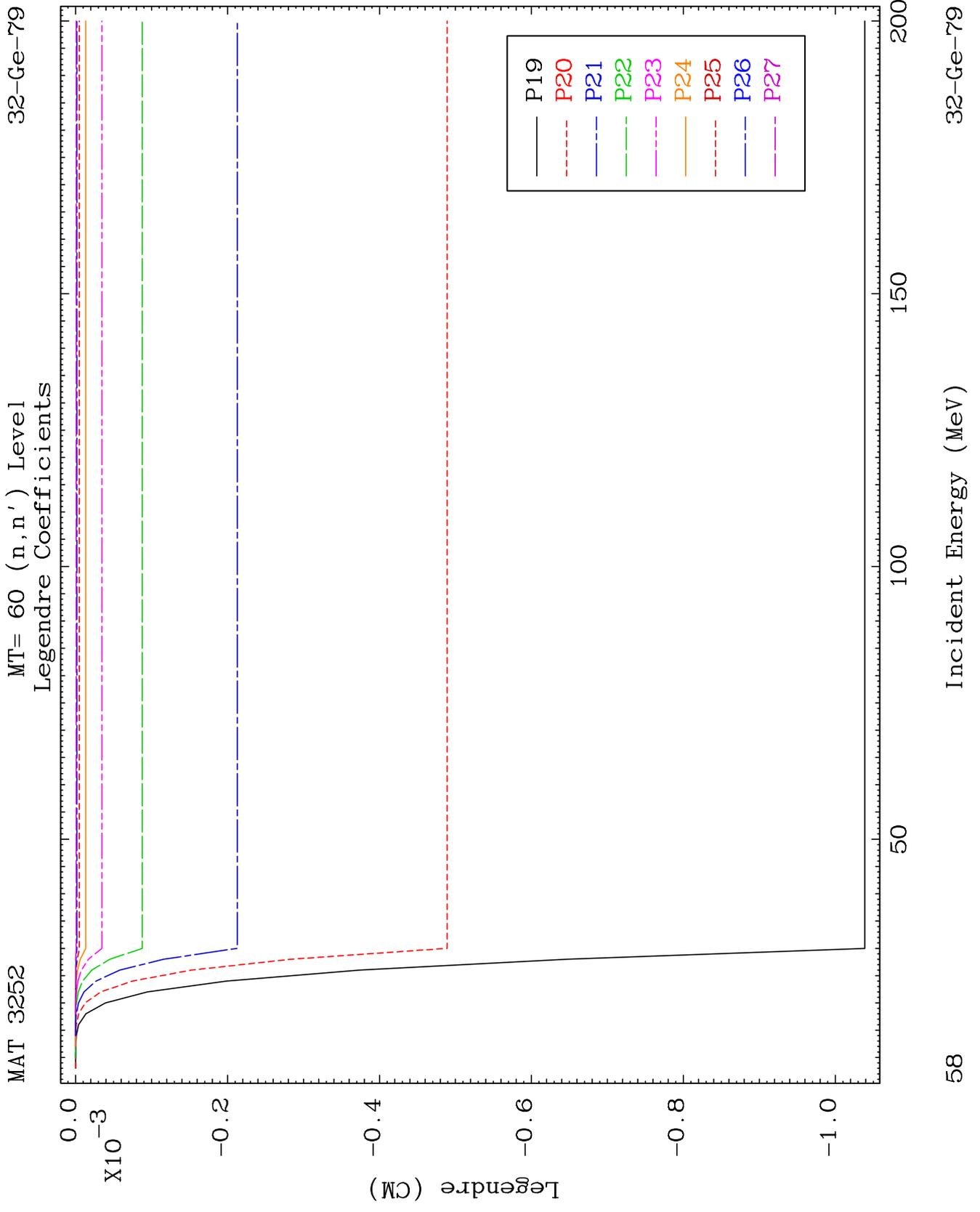


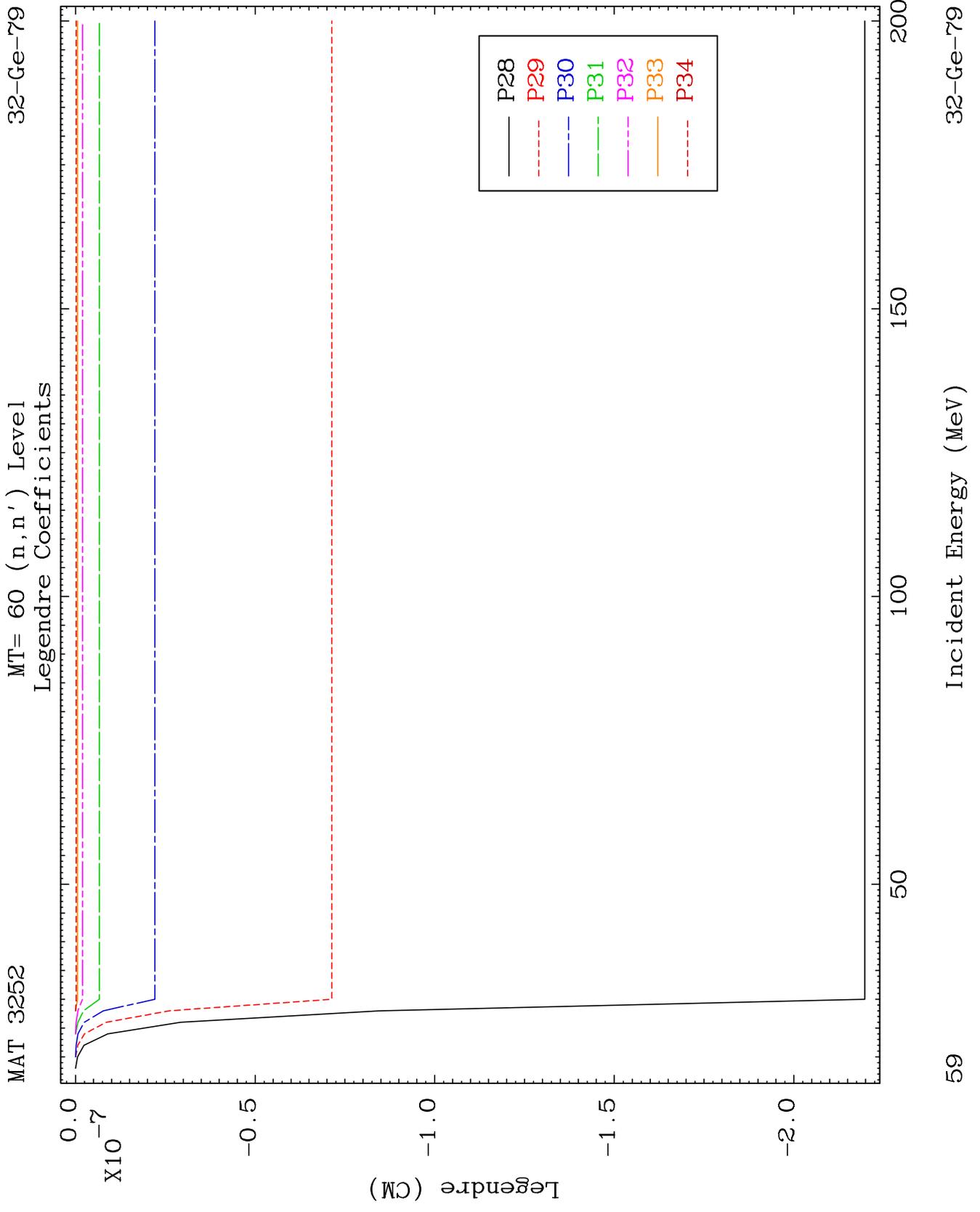
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Incident Energy (MeV)

32-Ge-79



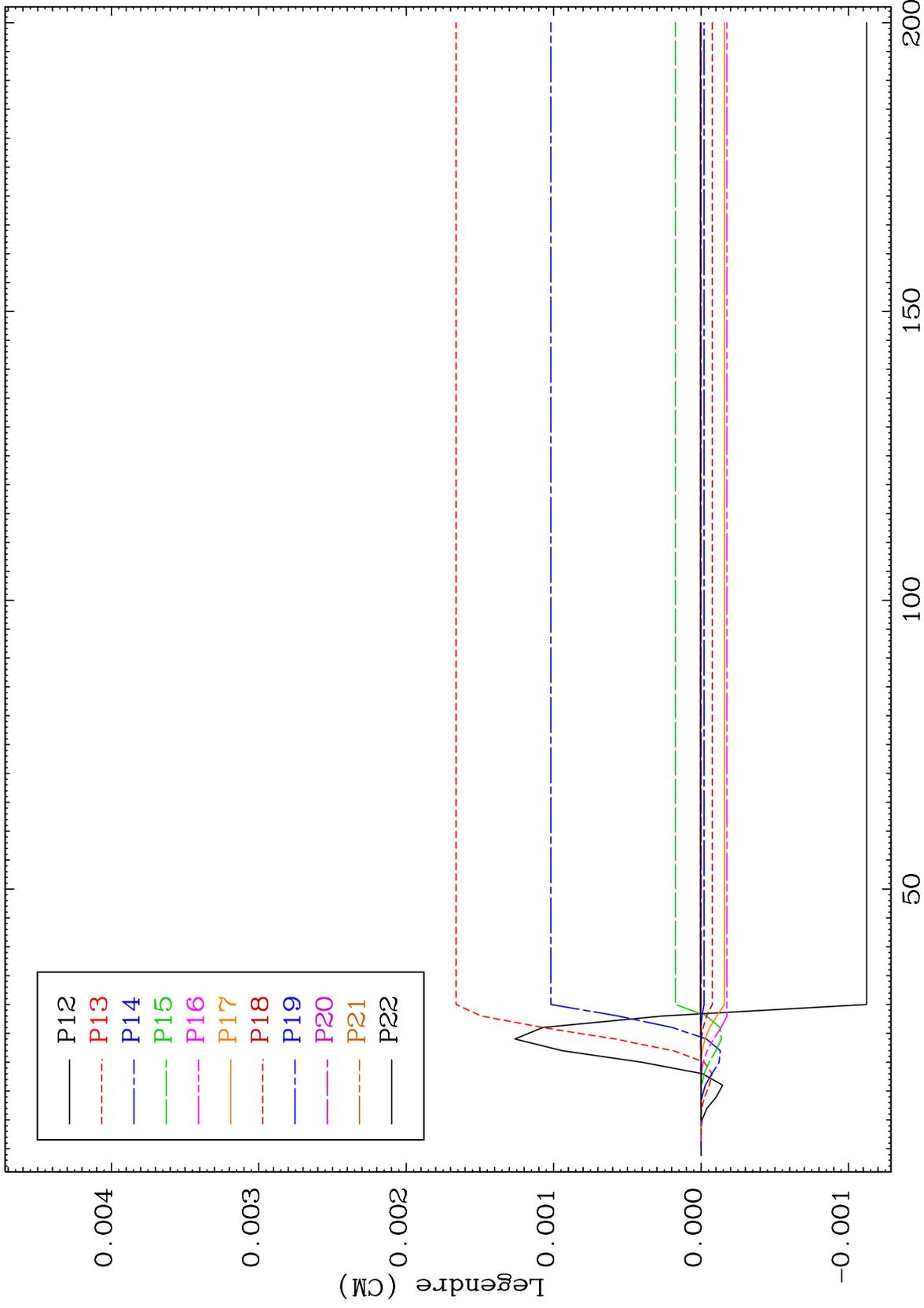




MAT 3252

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

32-Ge-79



61

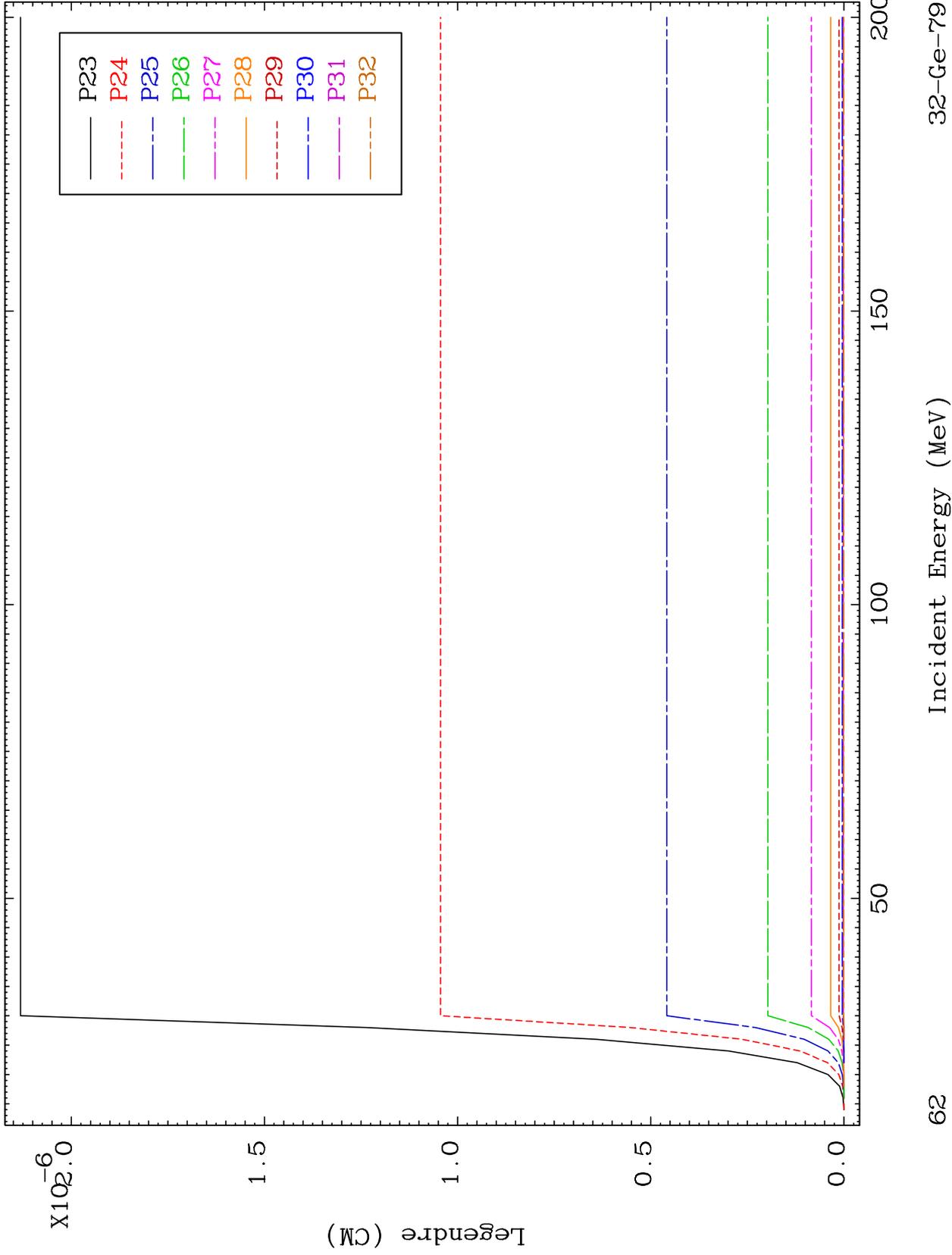
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



62

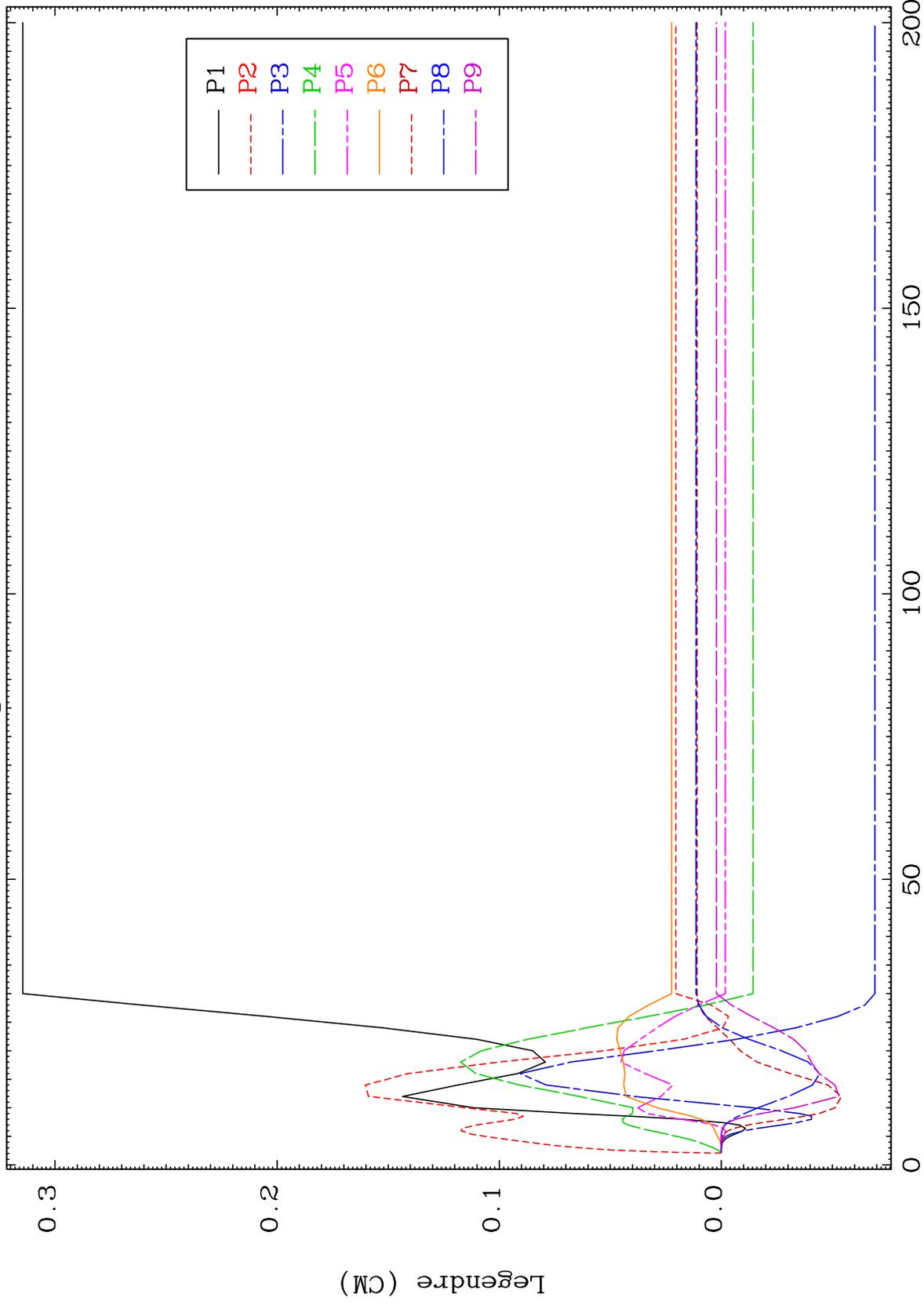
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



63

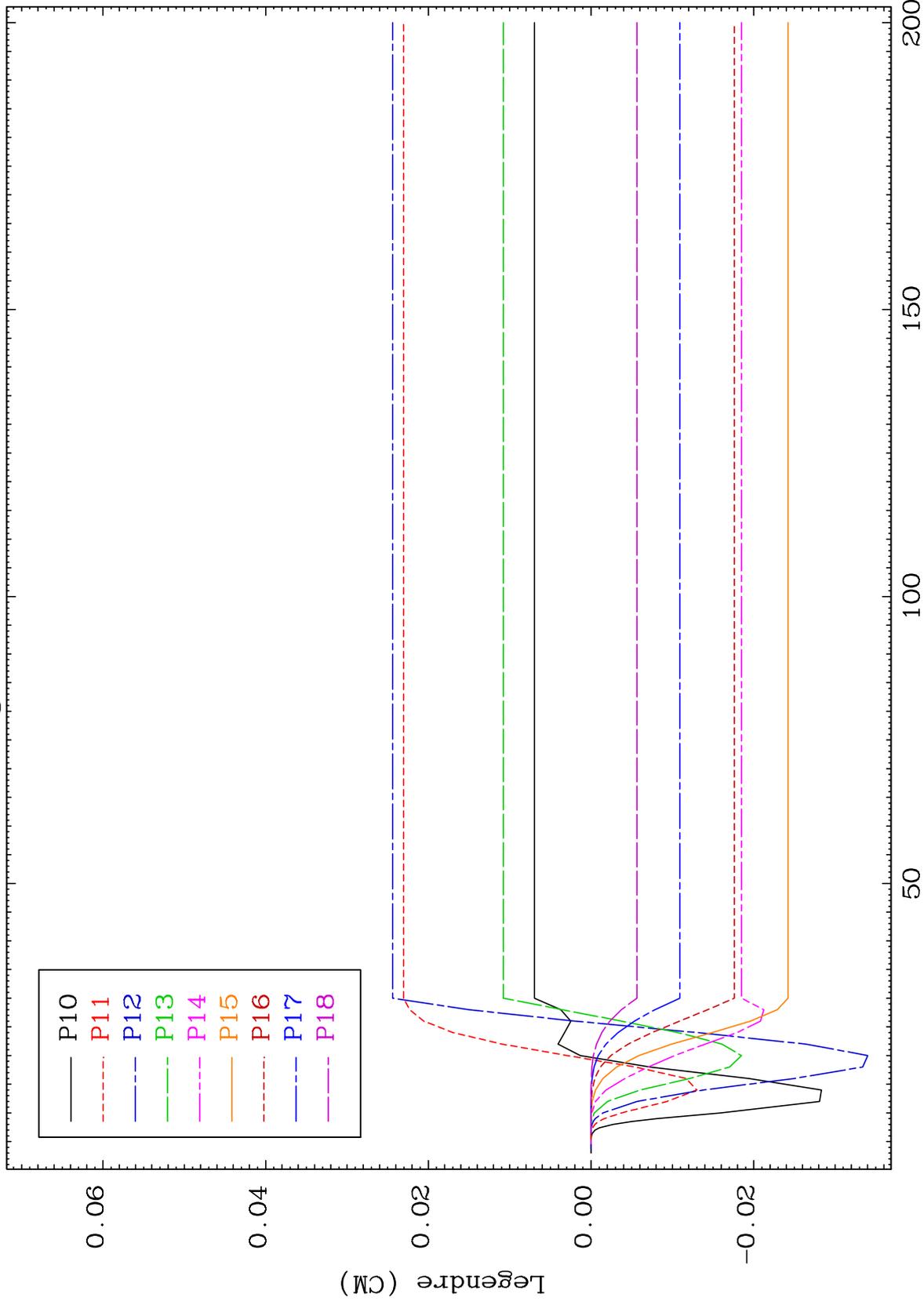
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

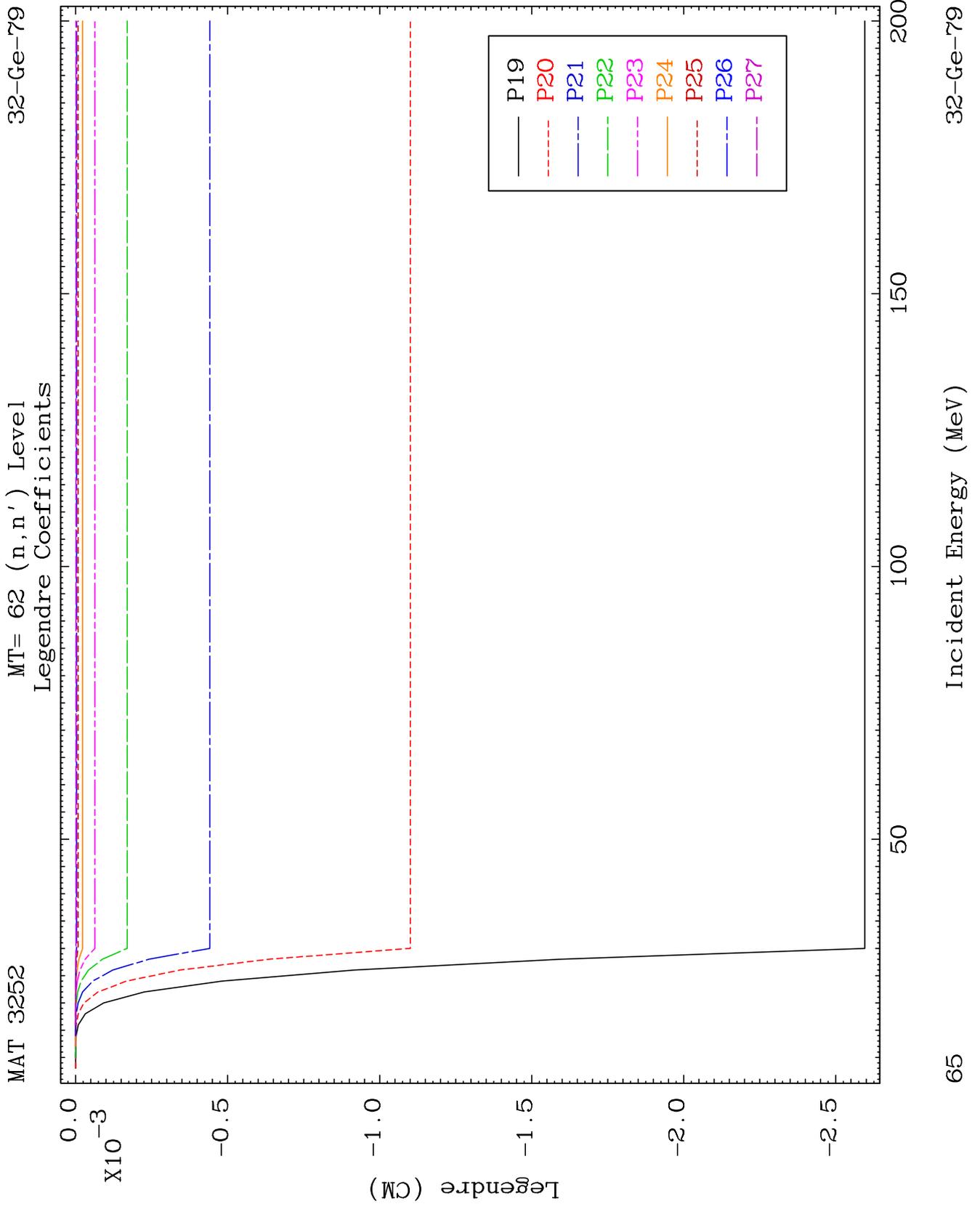
32-Ge-79

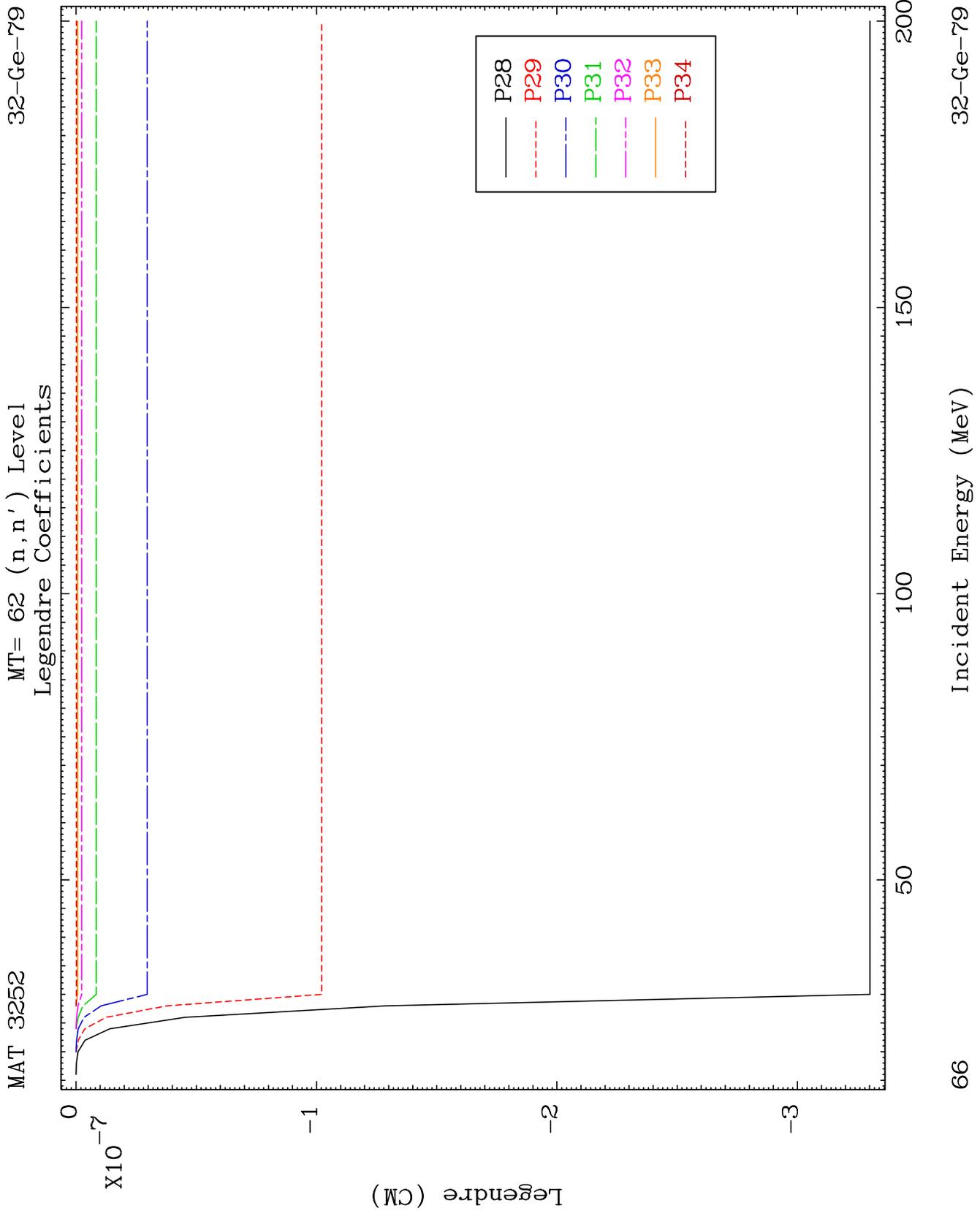


64

Incident Energy (MeV)

32-Ge-79

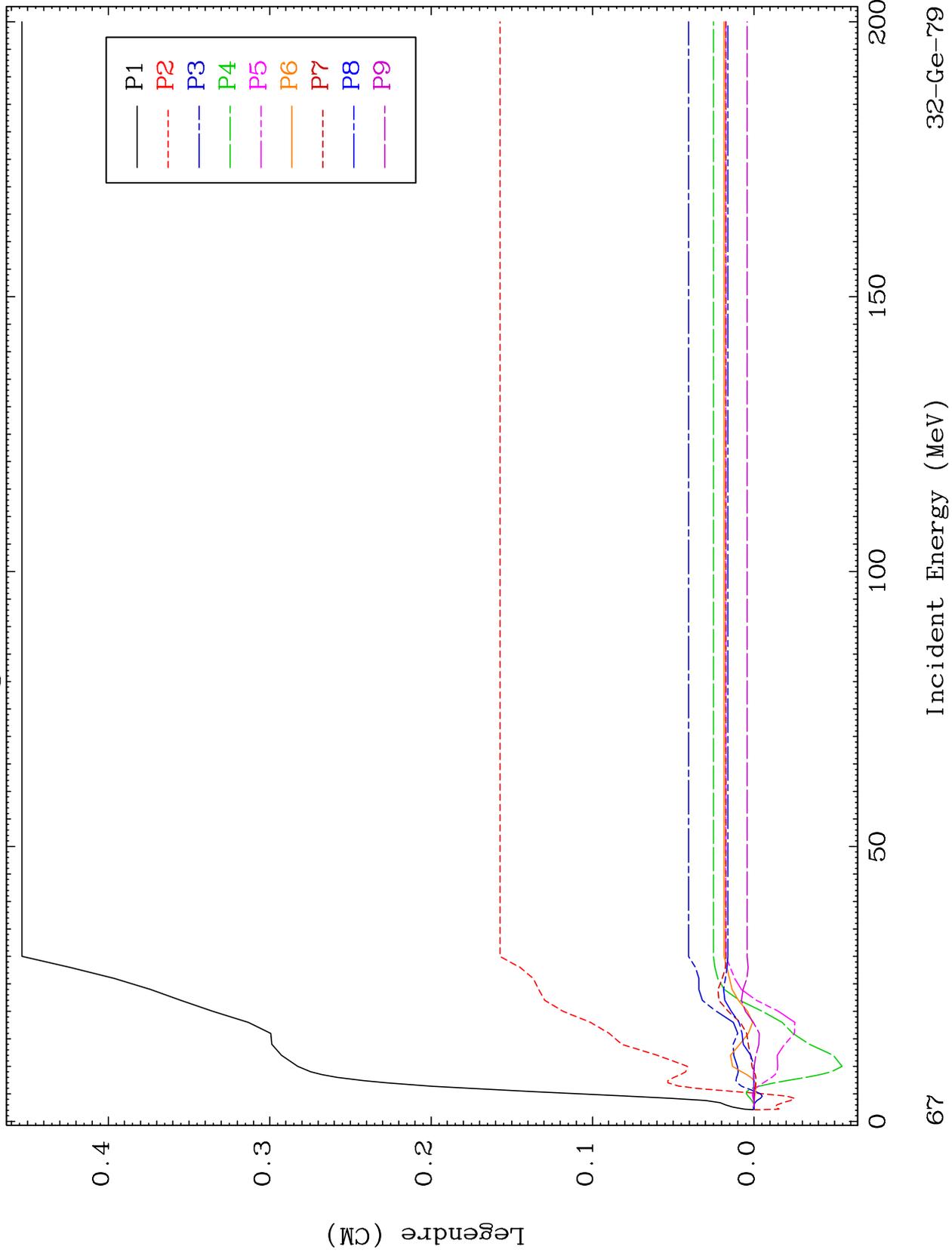




MAT 3252

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

32-Ge-79



32-Ge-79

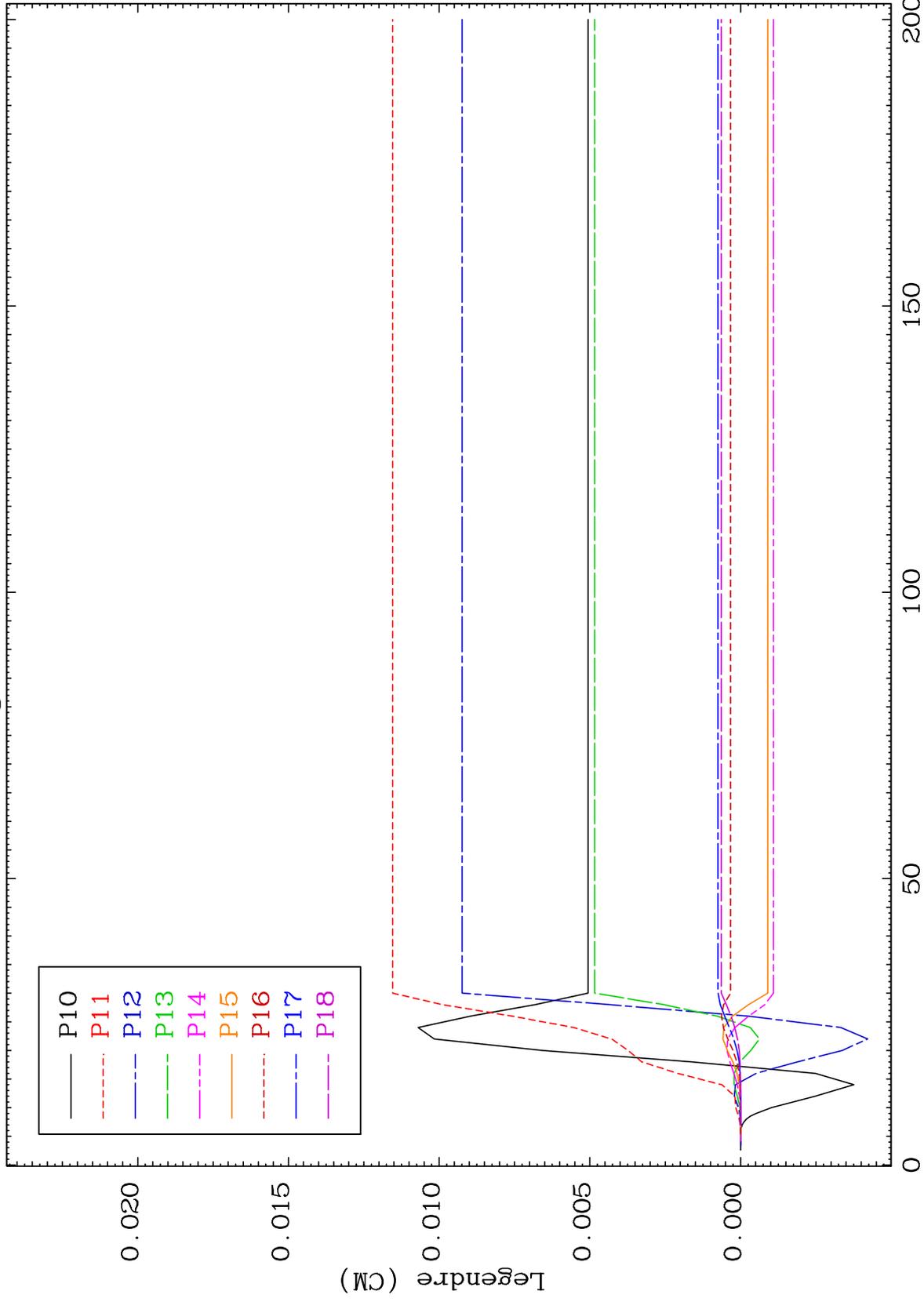
Incident Energy (MeV)

67

MAT 3252

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

32-Ge-79



68

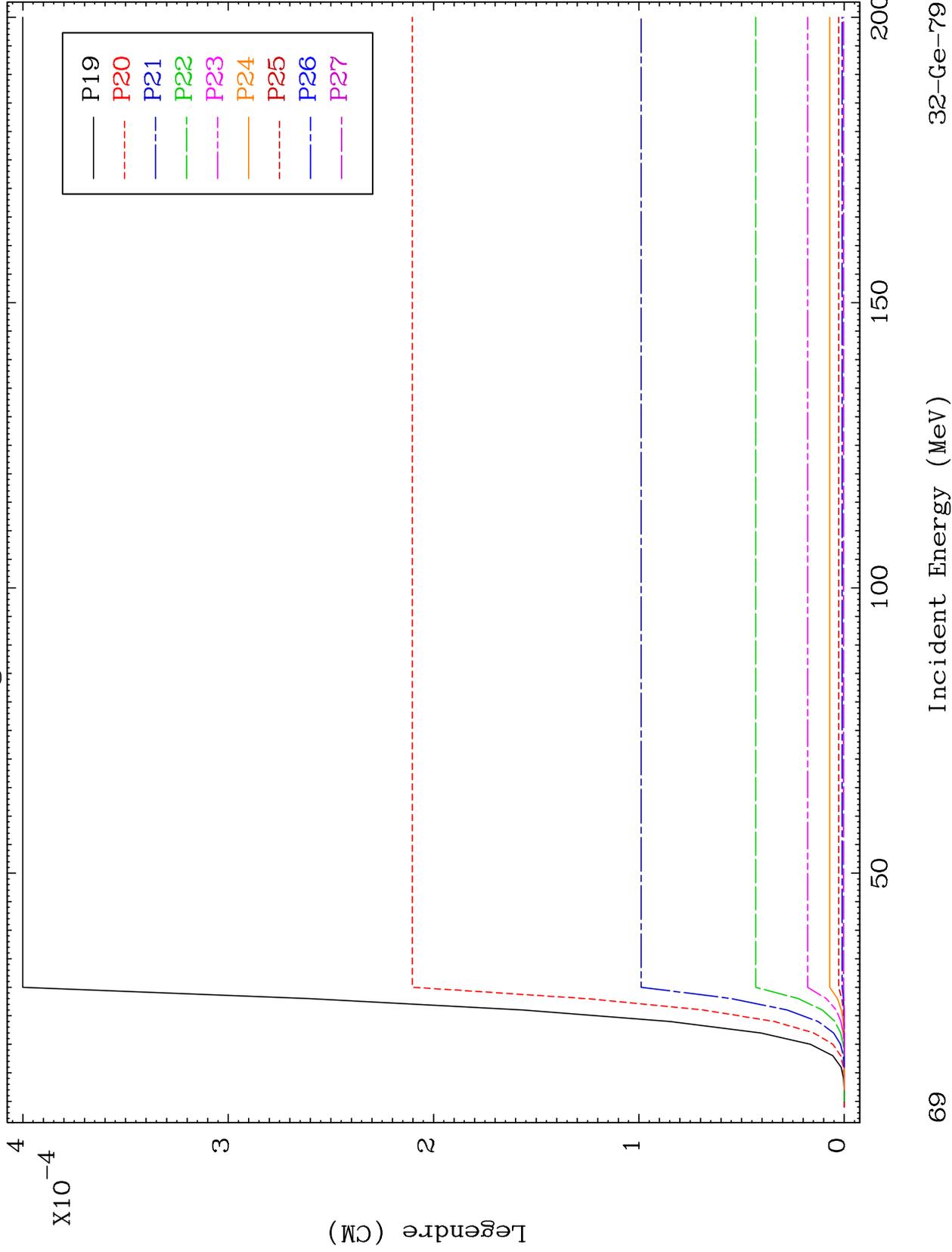
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

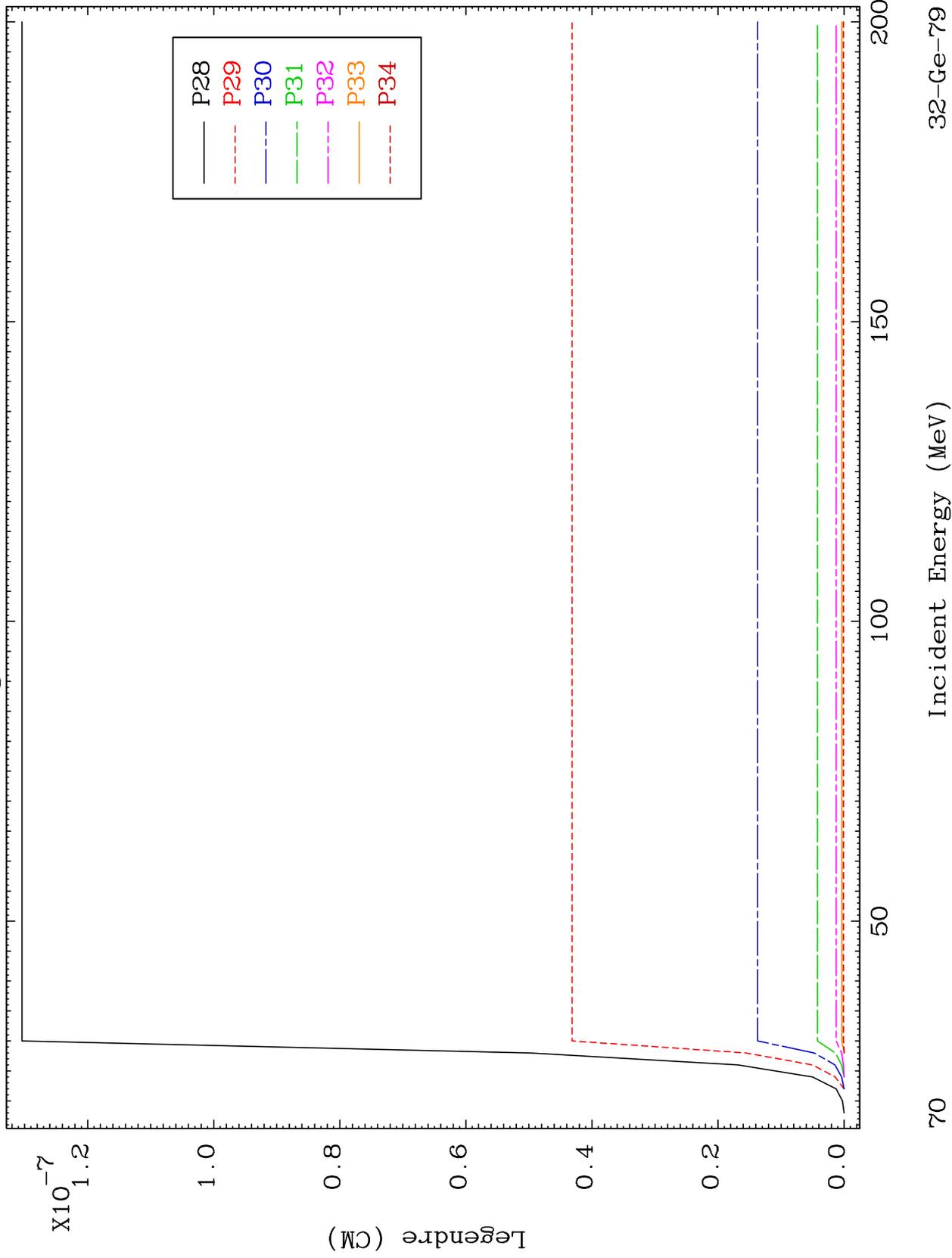
32-Ge-79



MAT 3252

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

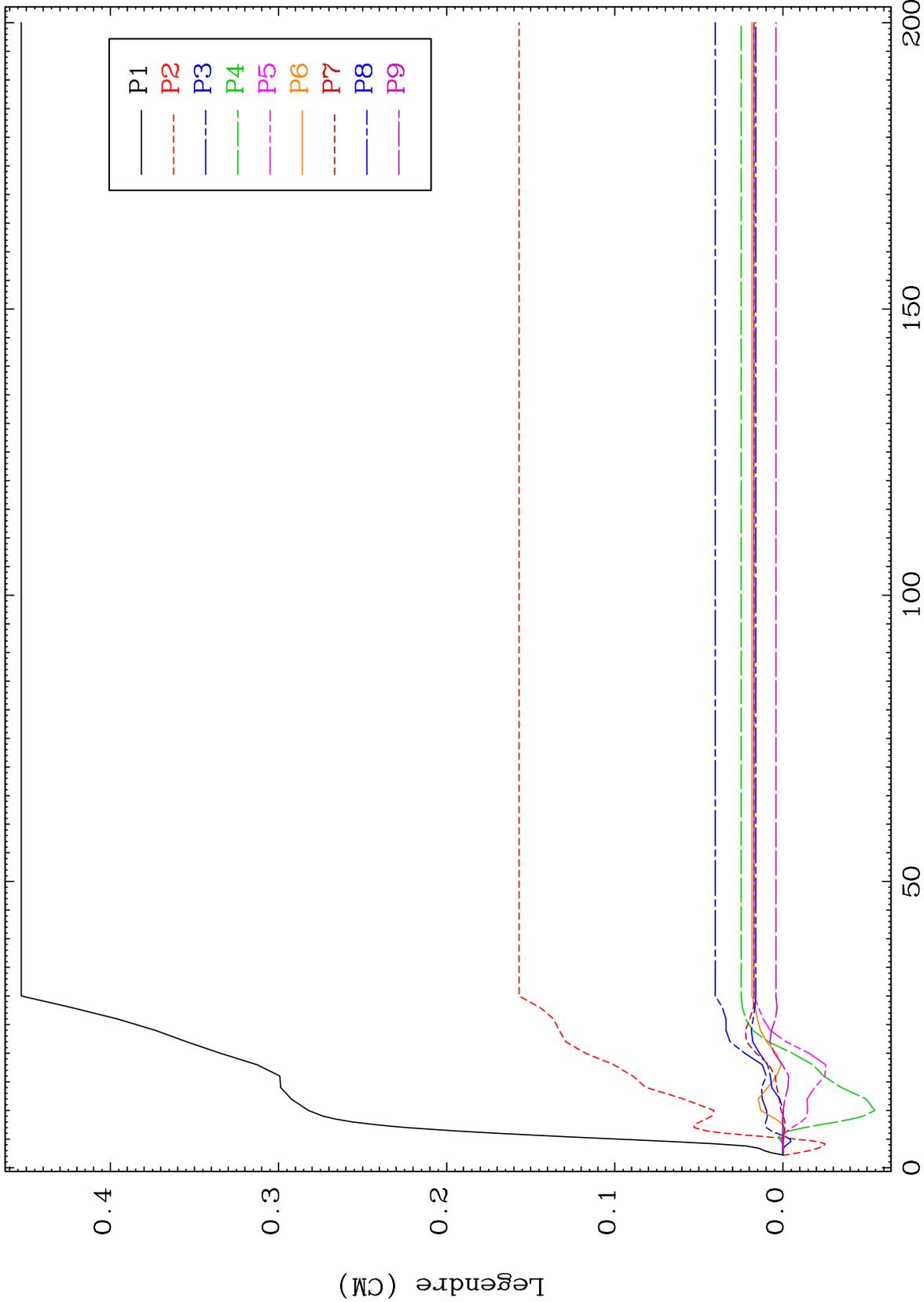
32-Ge-79



MAT 3252

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

32-Ge-79



71

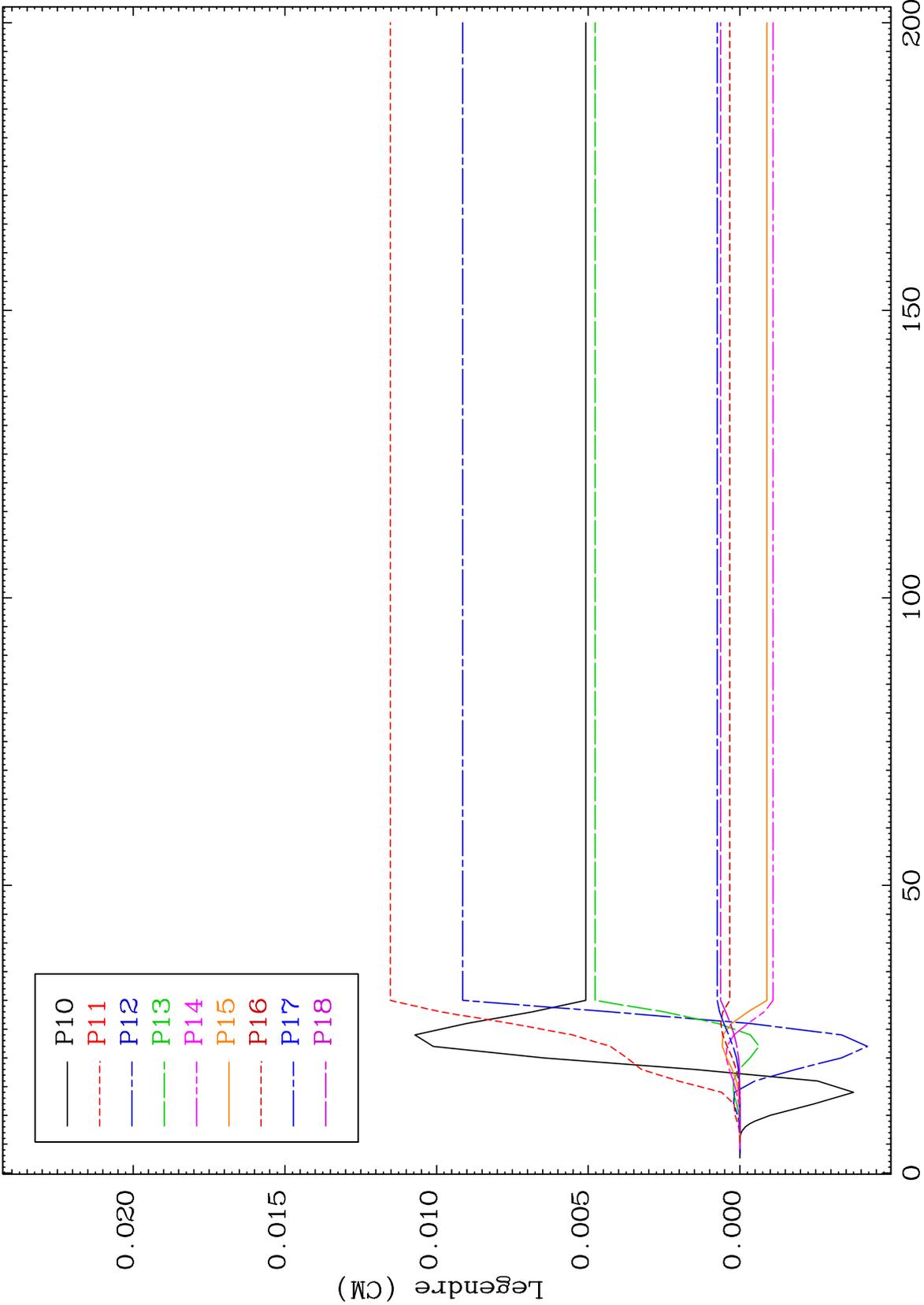
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



72

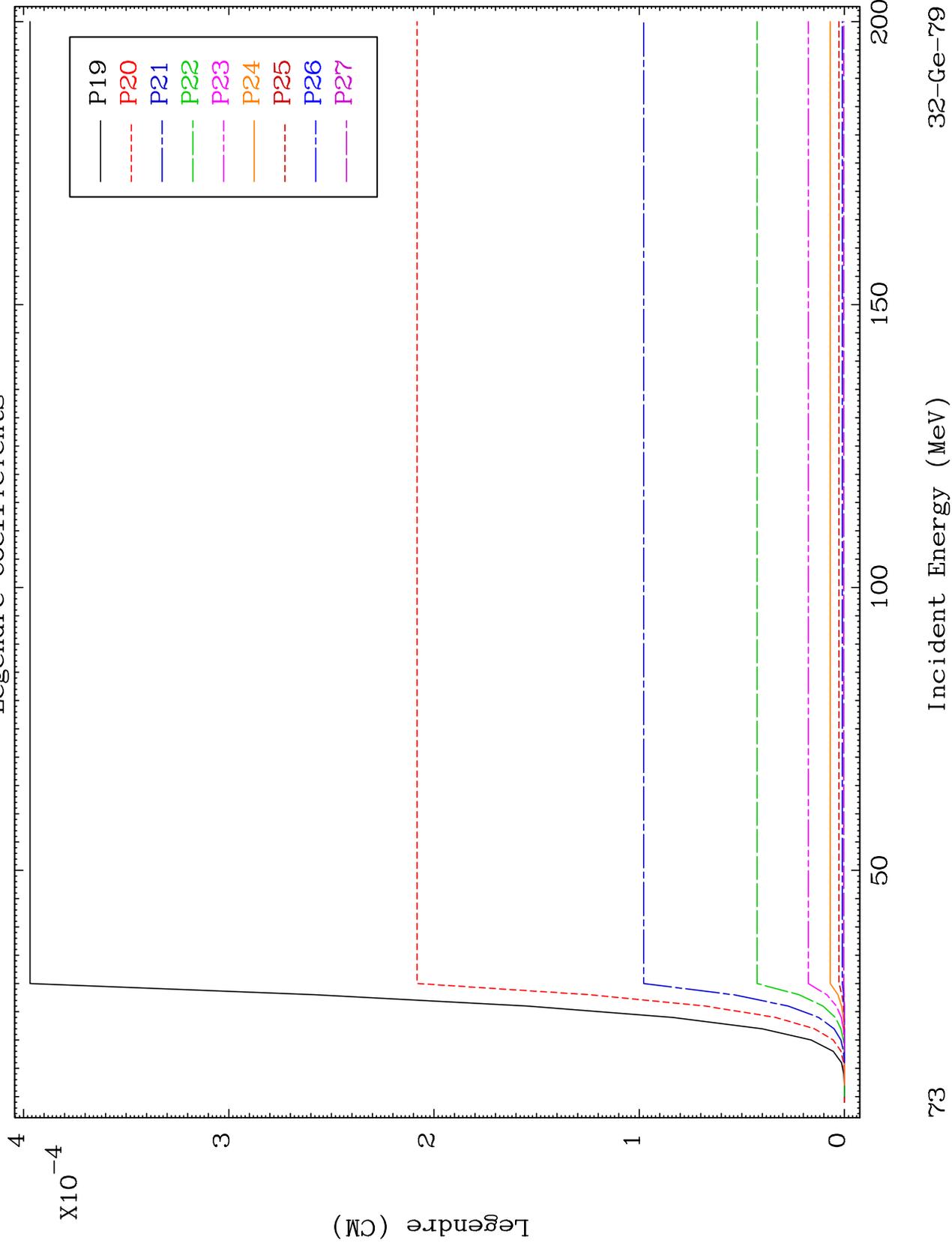
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



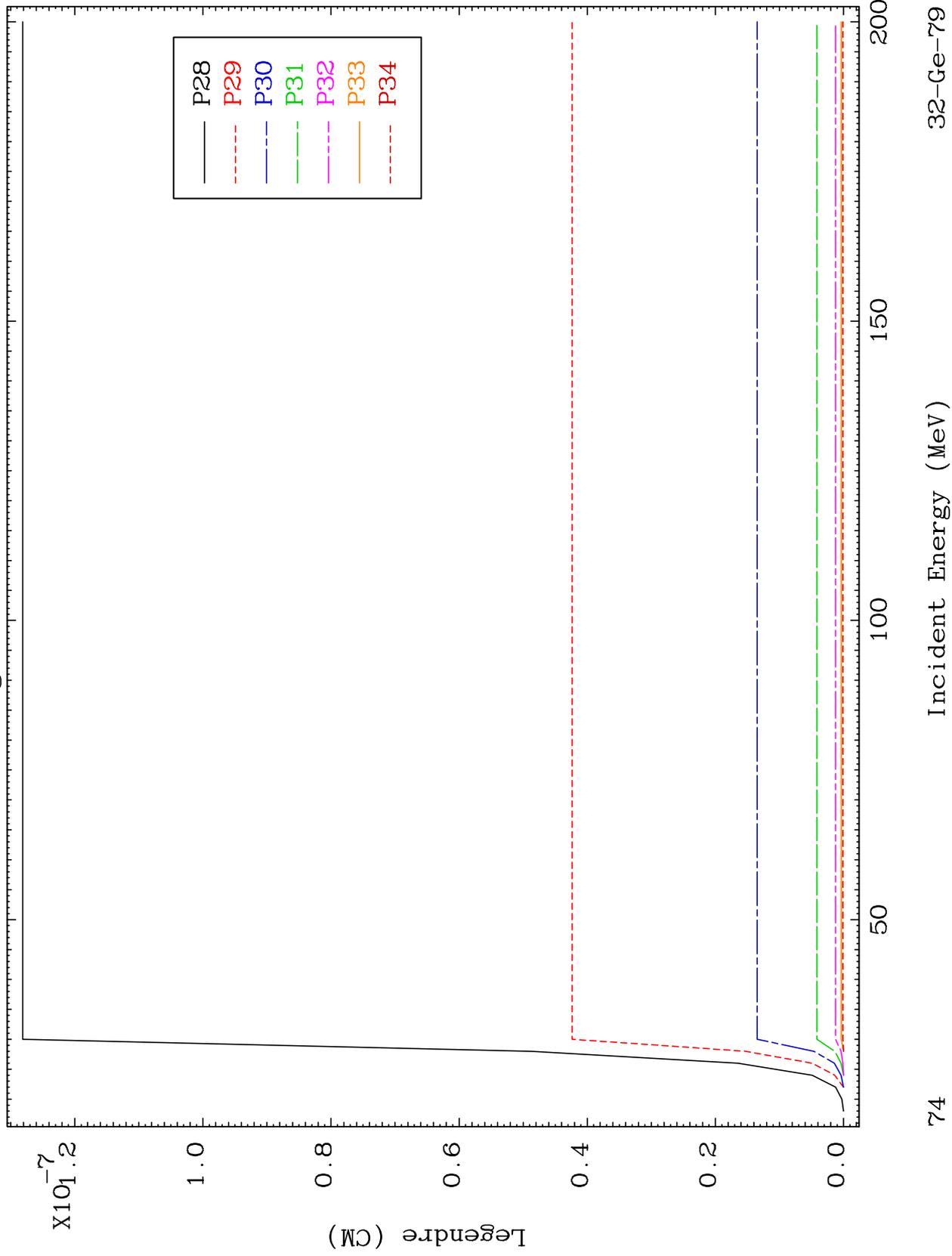
73

32-Ge-79

MAT 3252

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

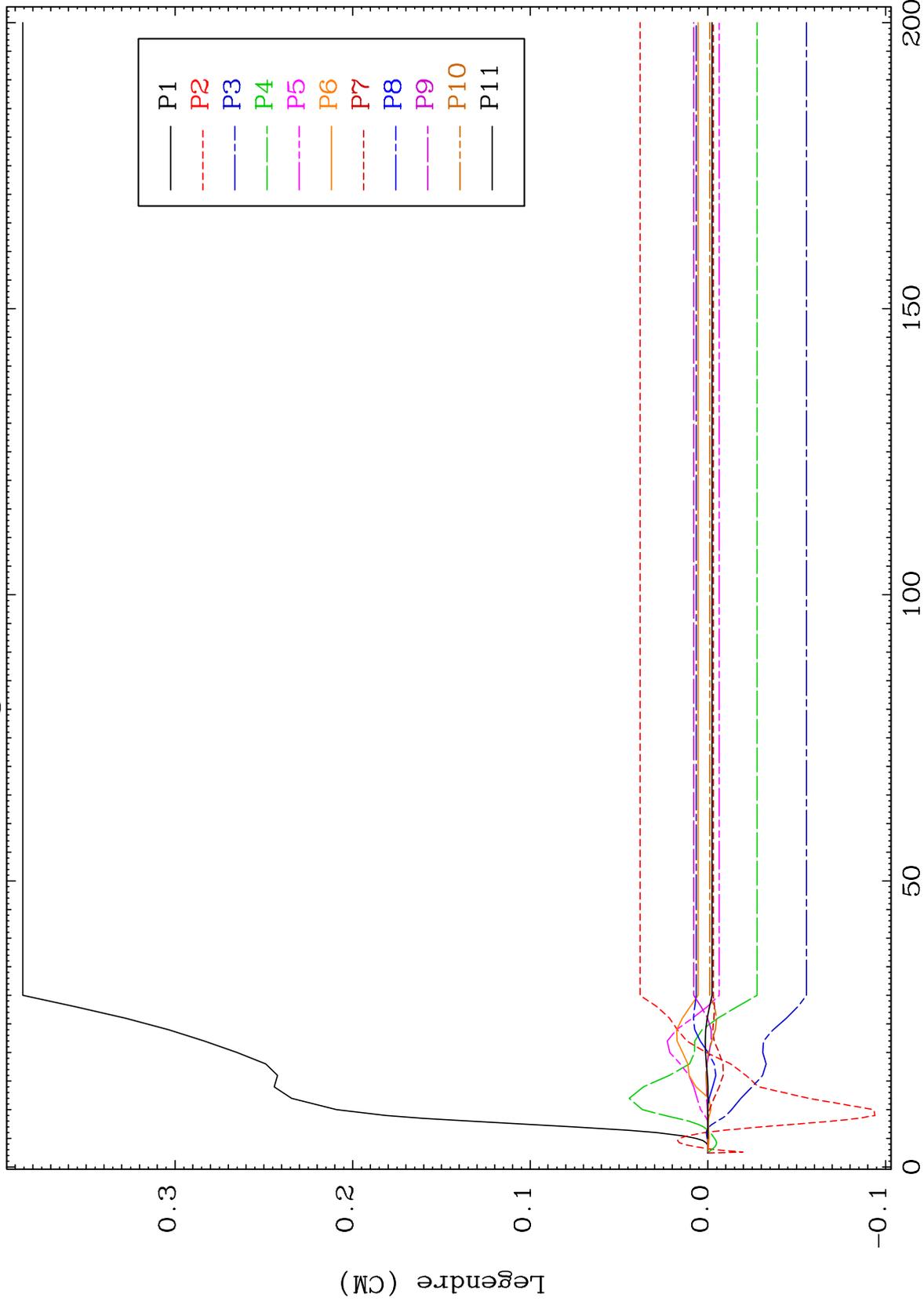
32-Ge-79



MAT 3252

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

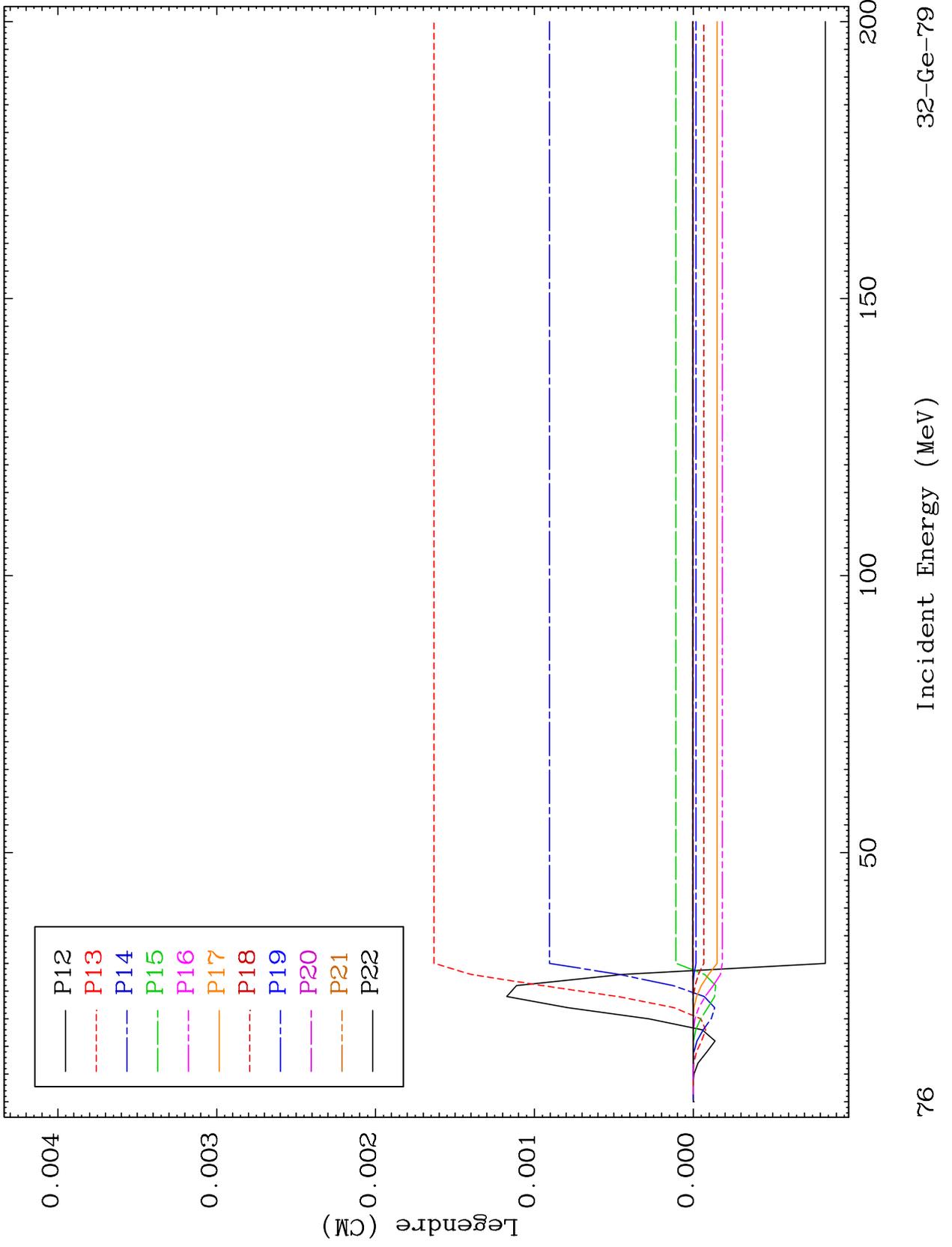
32-Ge-79



32-Ge-79

Incident Energy (MeV)

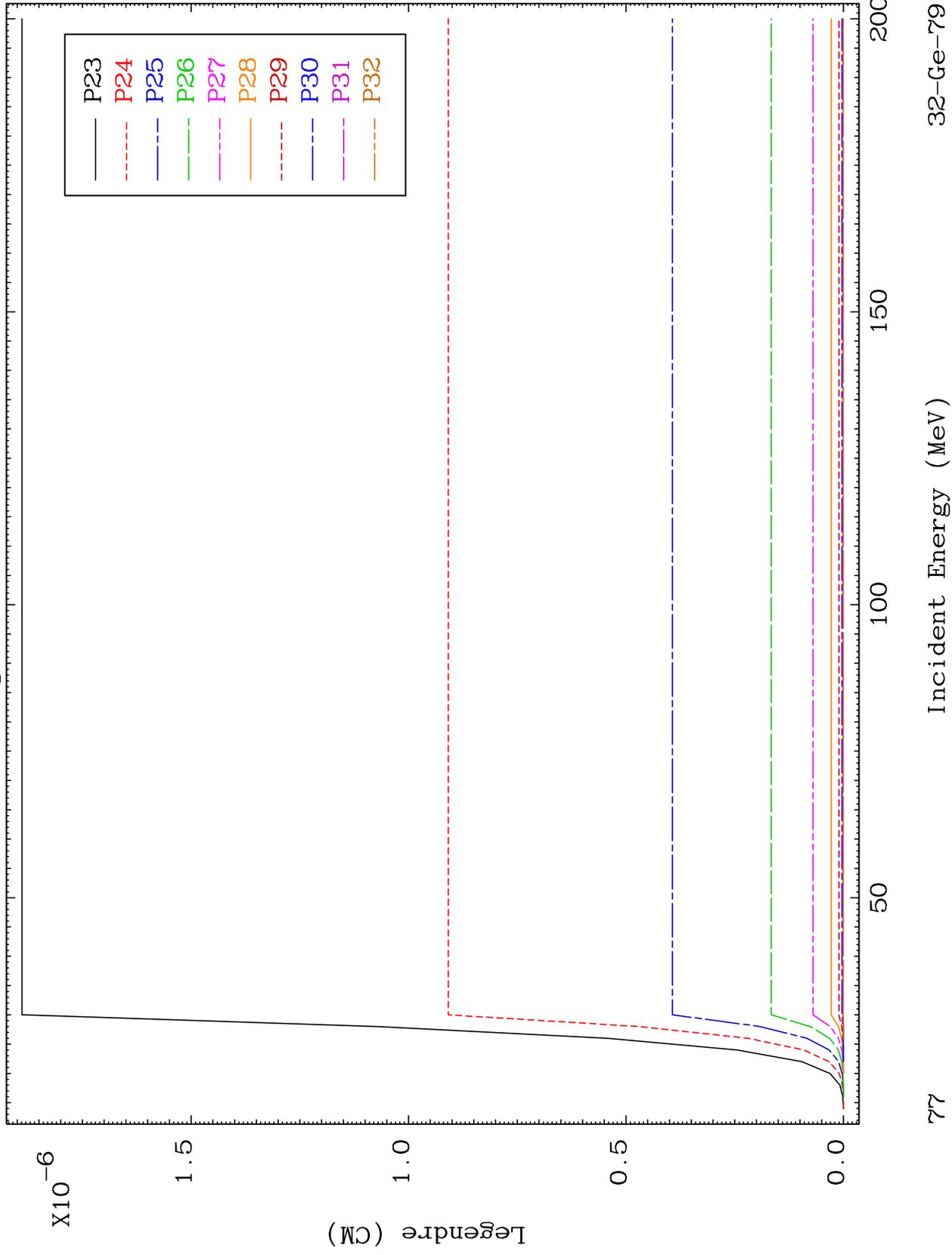
75



MAT 3252

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

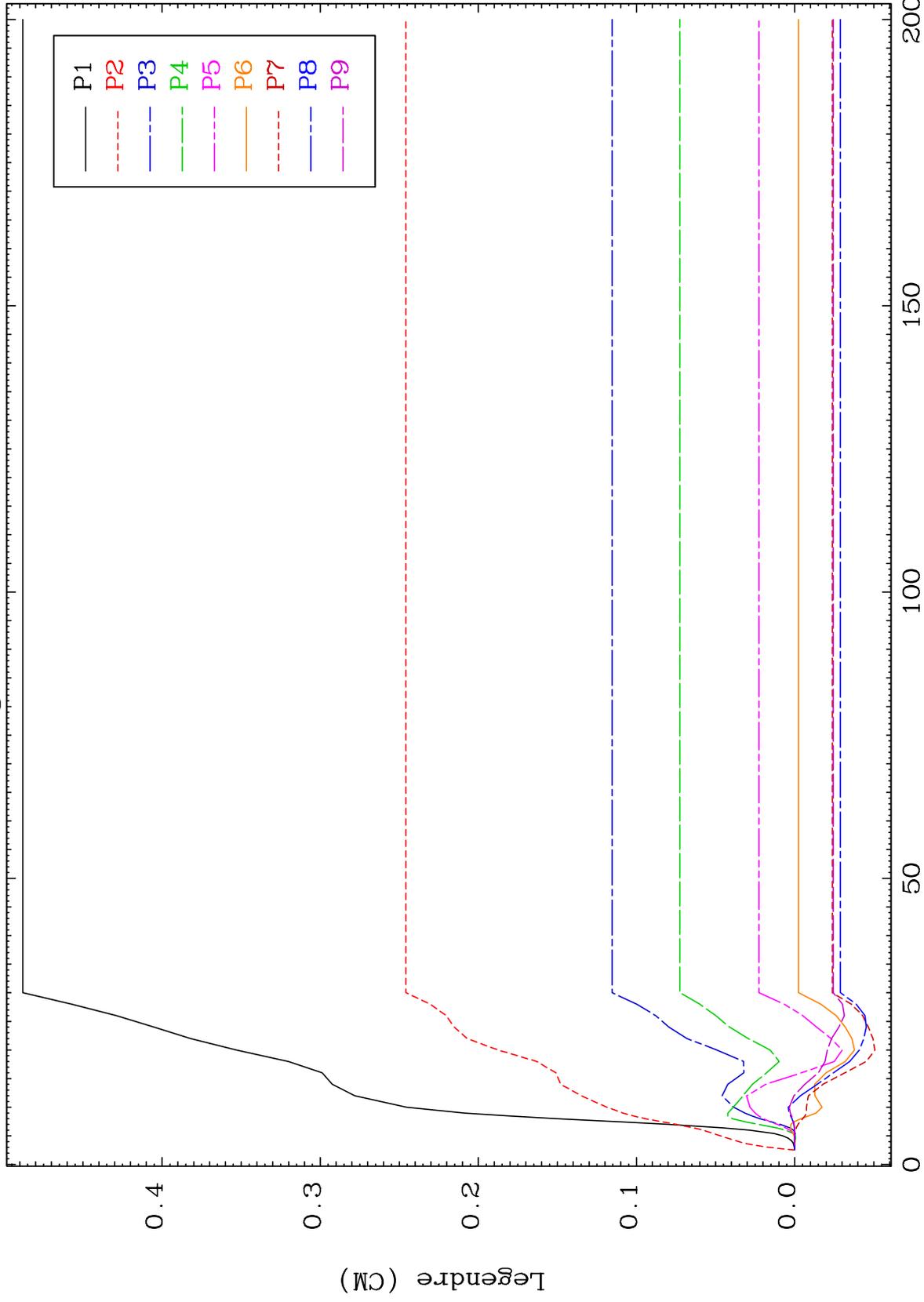
32-Ge-79



MAT 3252

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

32-Ge-79



78

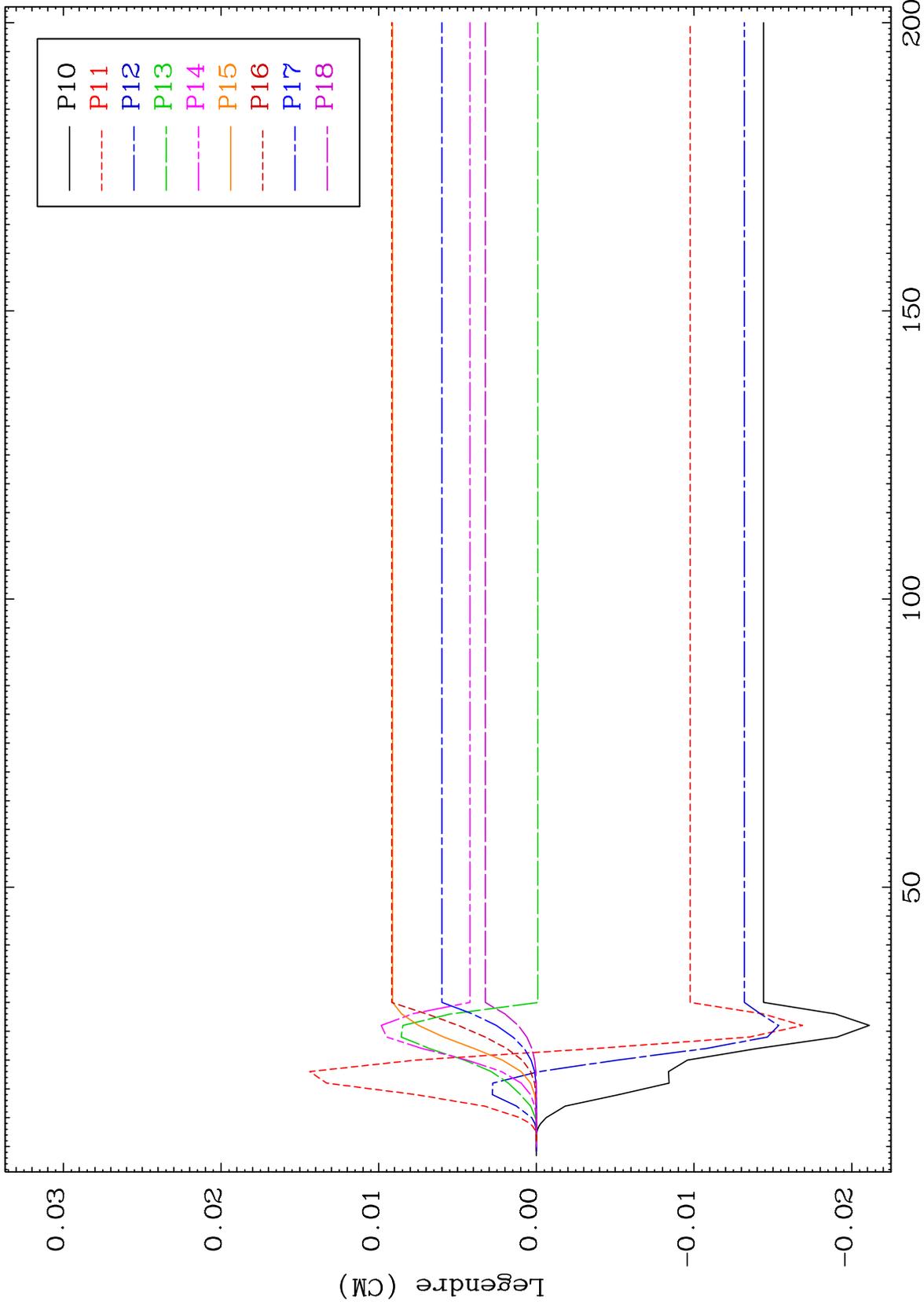
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

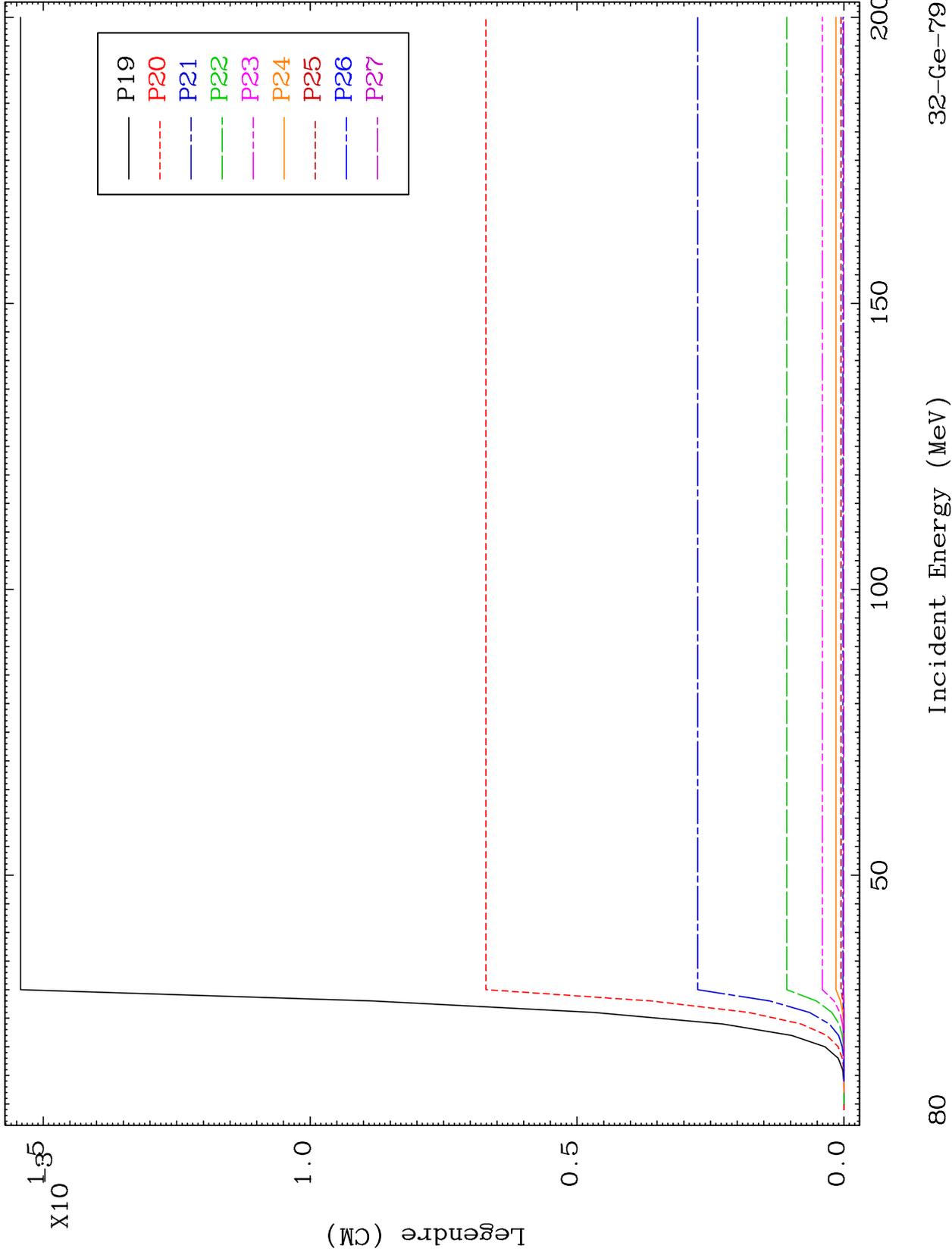
32-Ge-79



MAT 3252

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

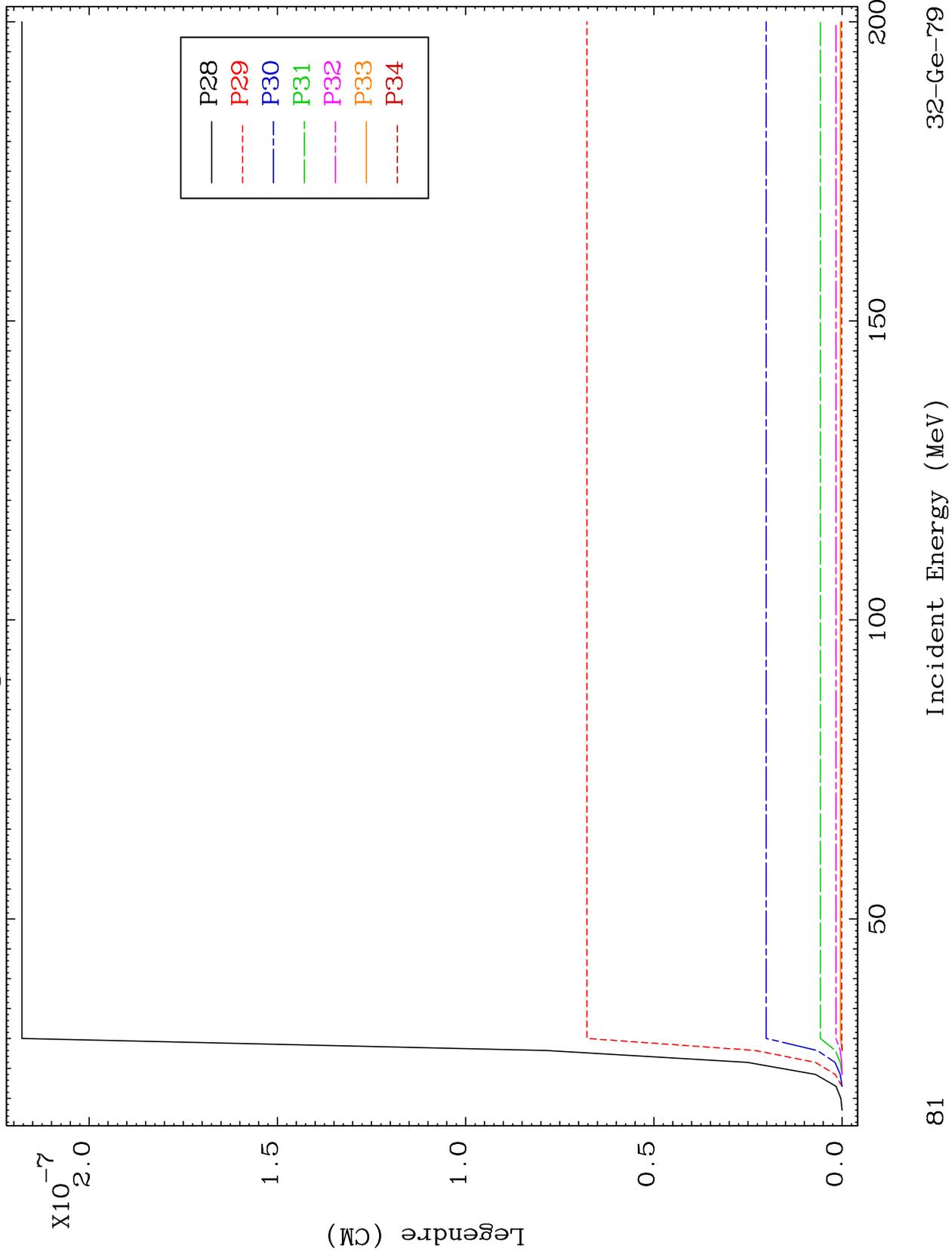
32-Ge-79



MAT 3252

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

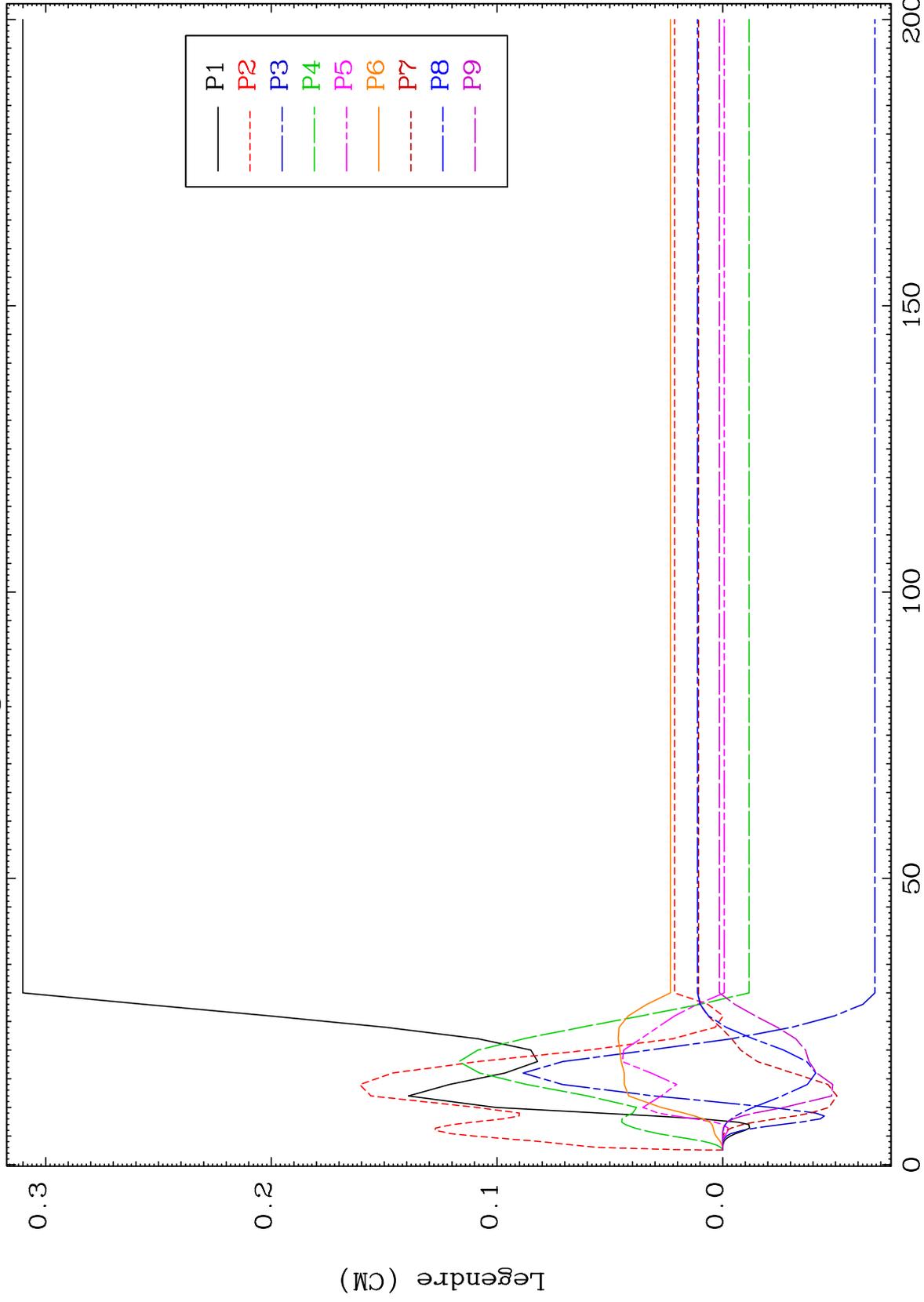
32-Ge-79



MAT 3252

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

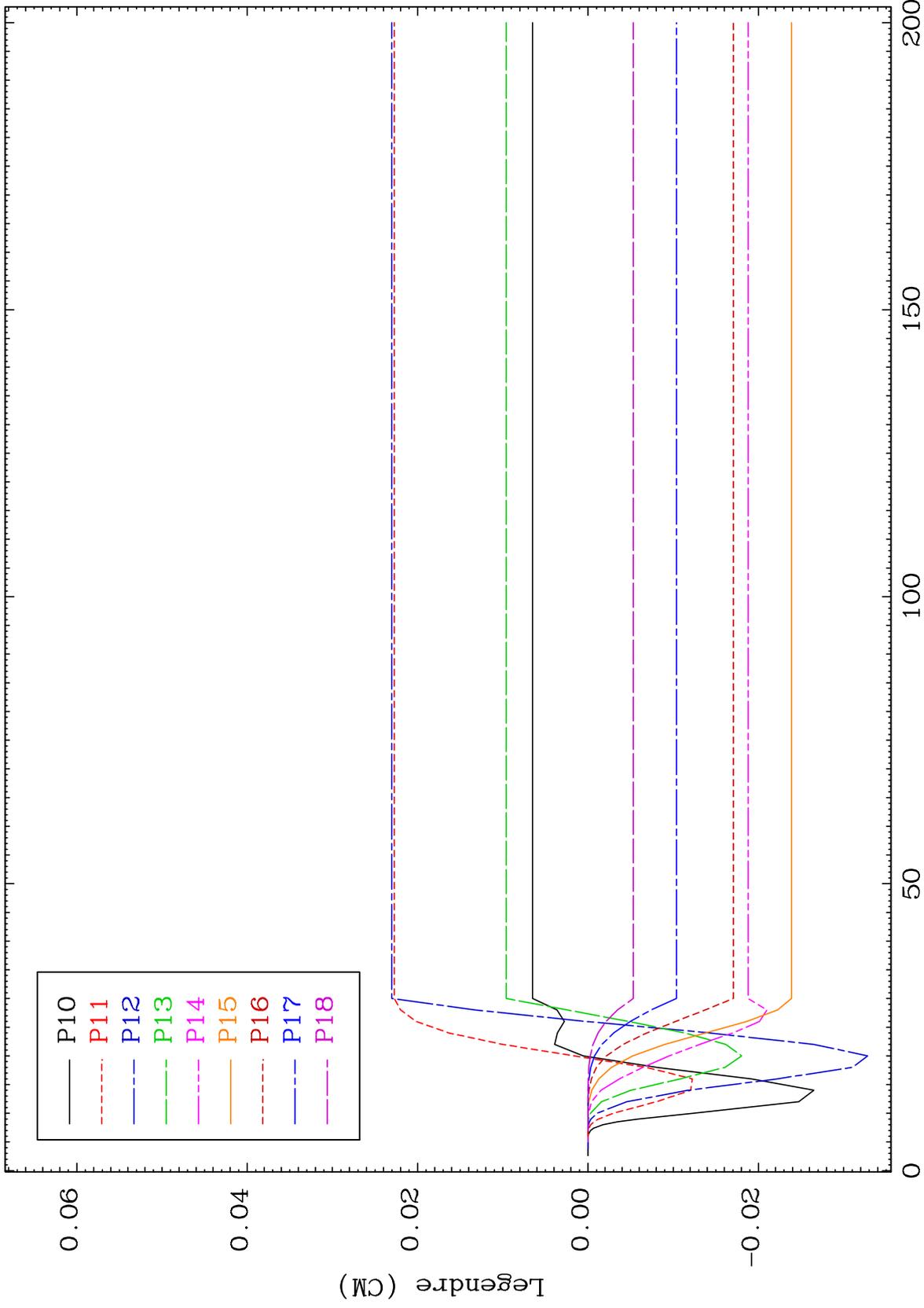
32-Ge-79

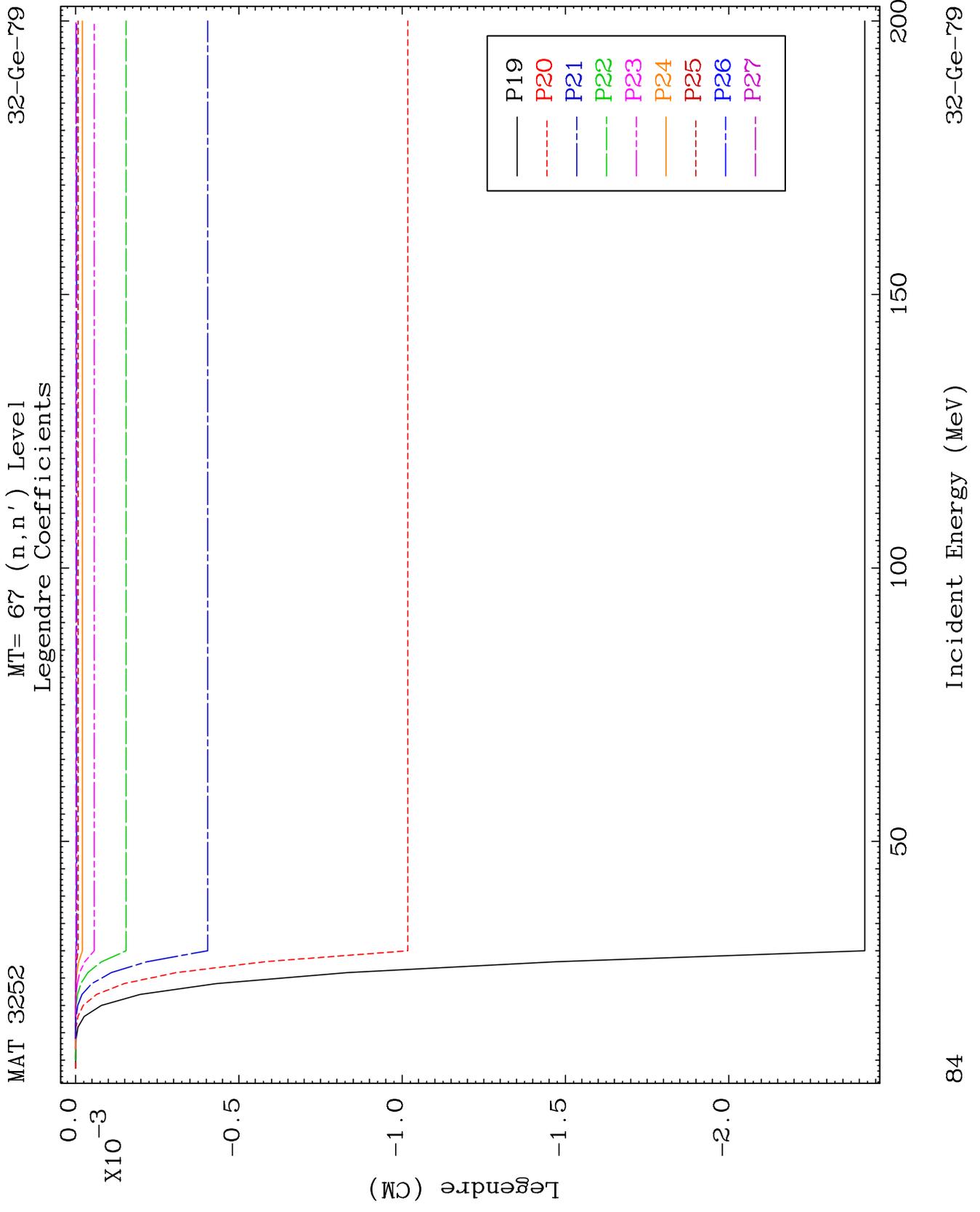


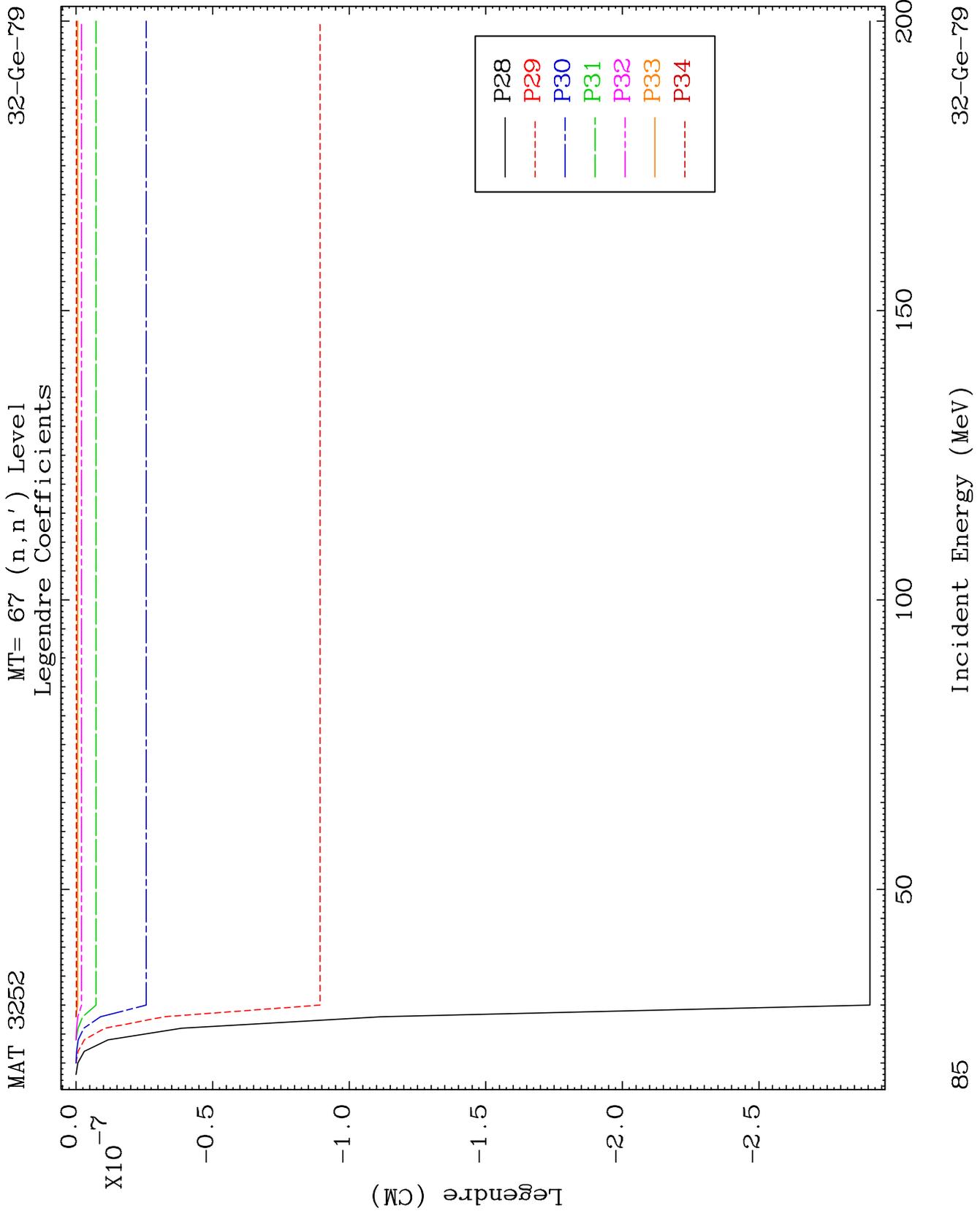
82

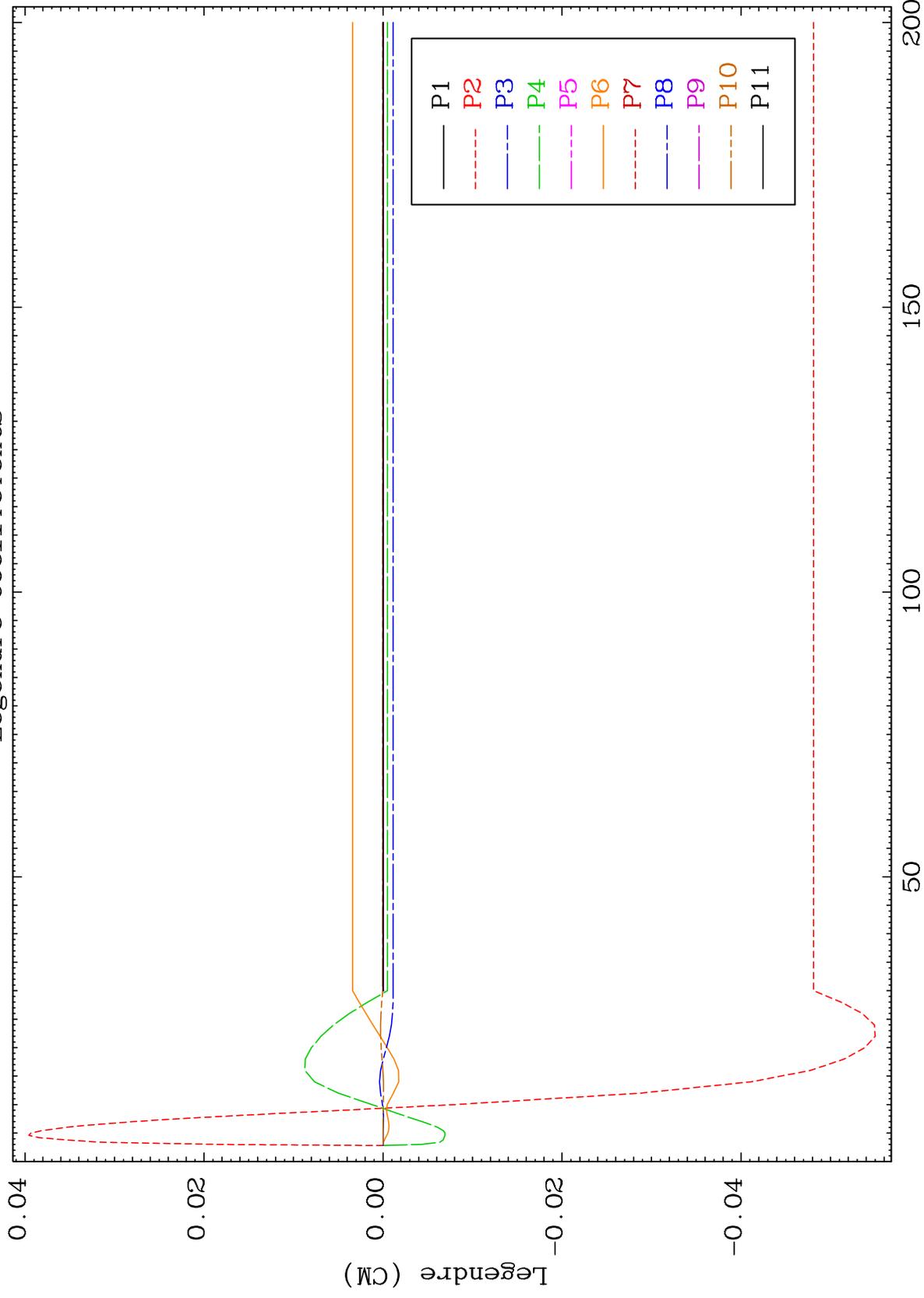
Incident Energy (MeV)

32-Ge-79





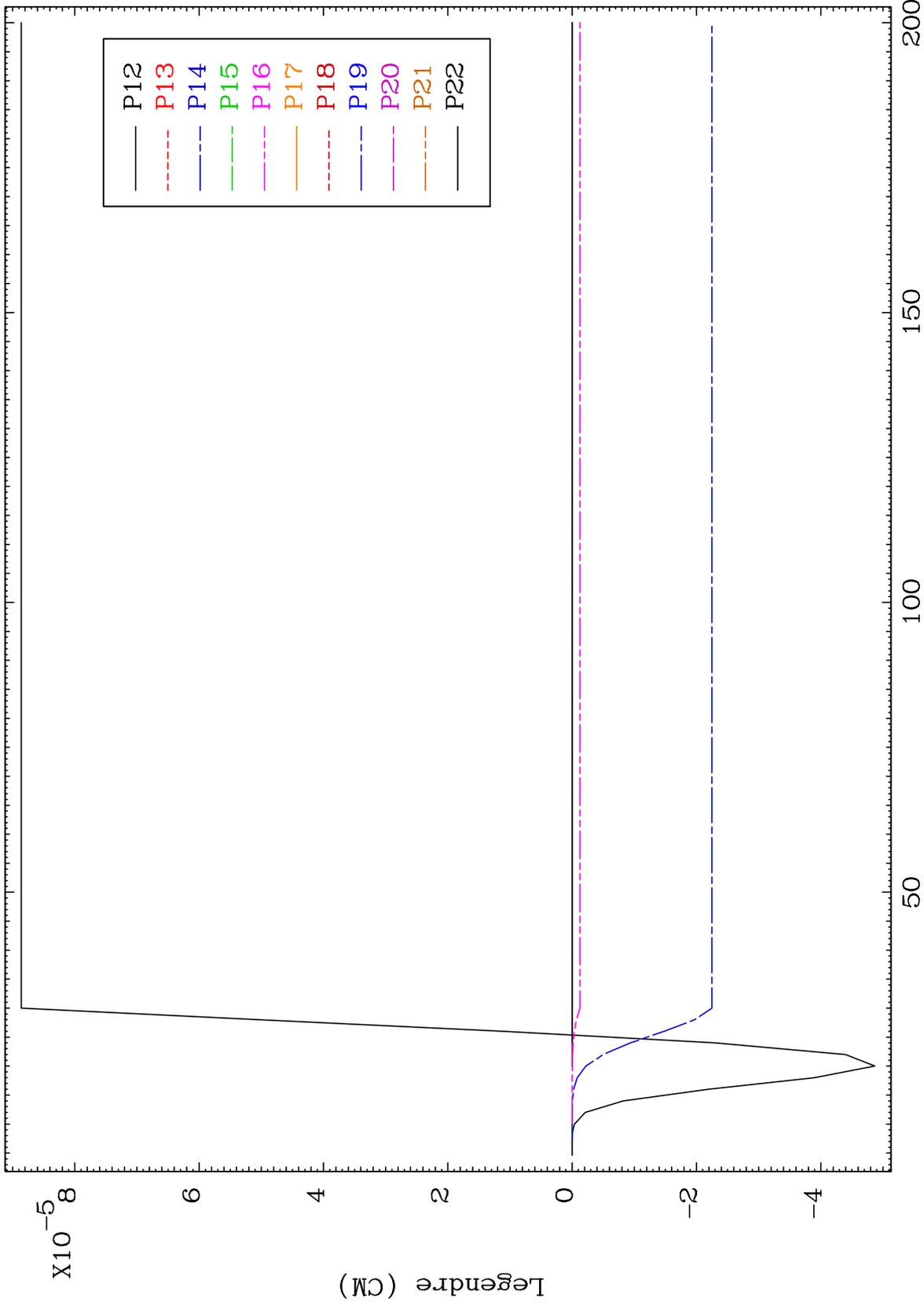




MAT 3252

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

32-Ge-79



87

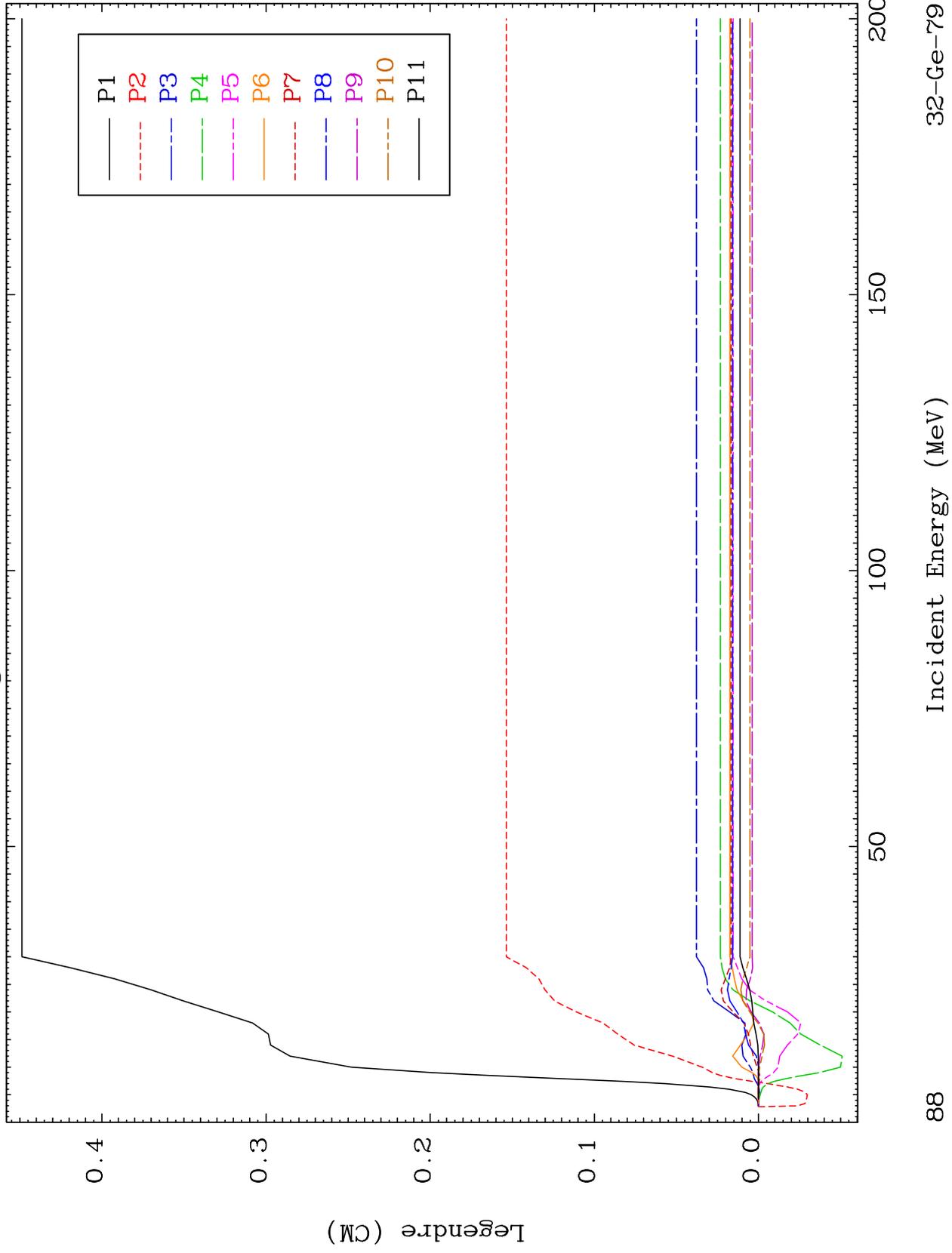
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



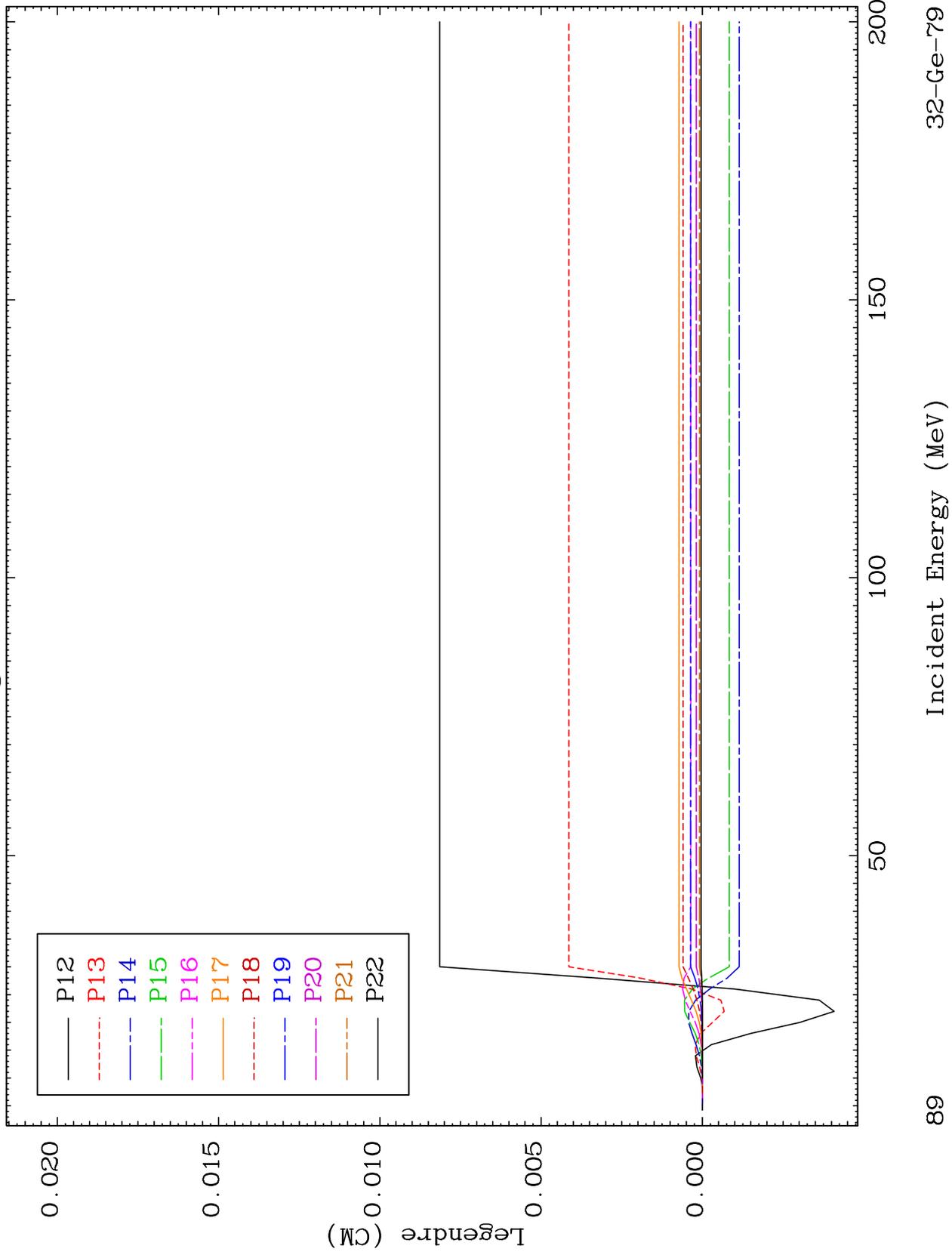
88

32-Ge-79

MAT 3252

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

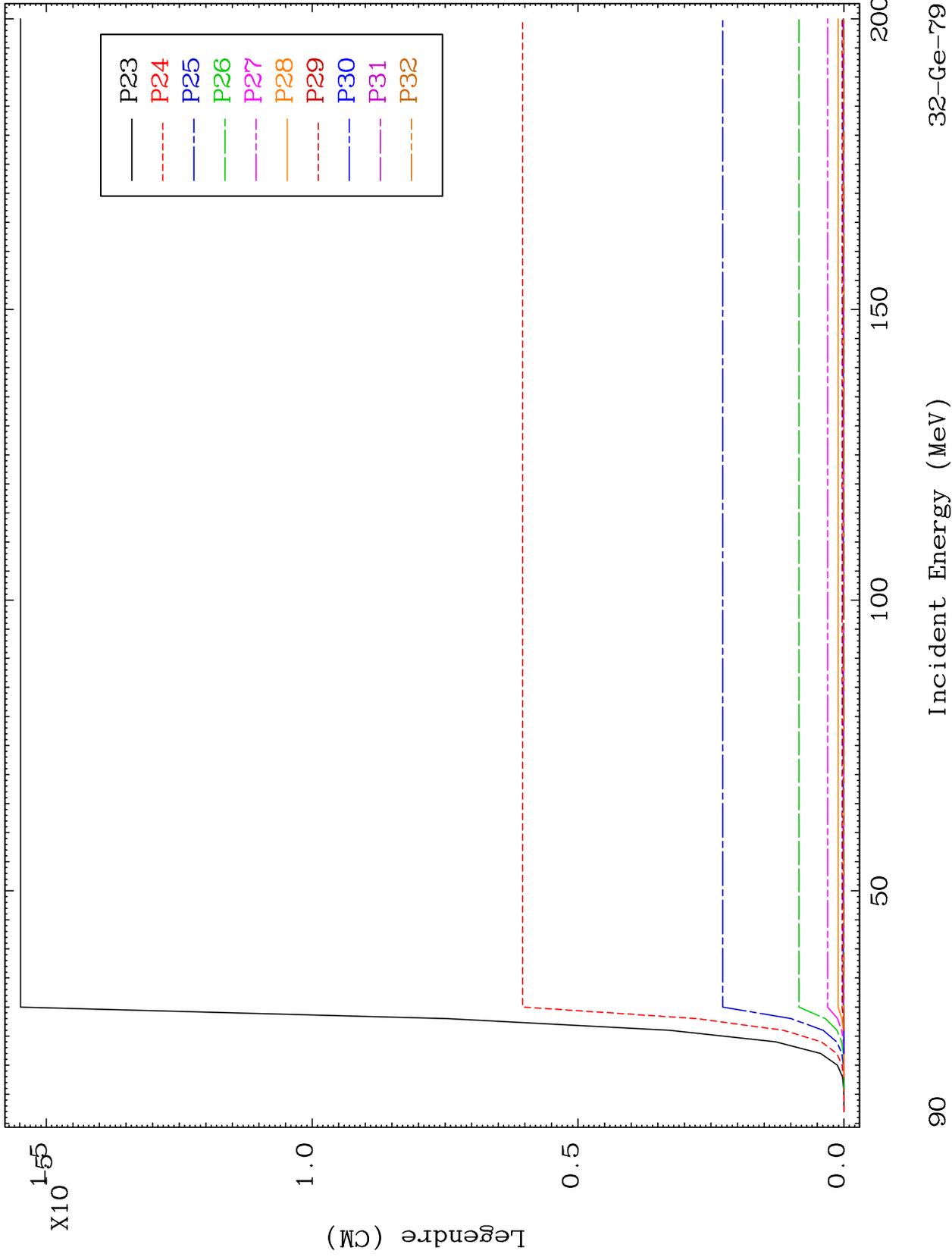
32-Ge-79



MAT 3252

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

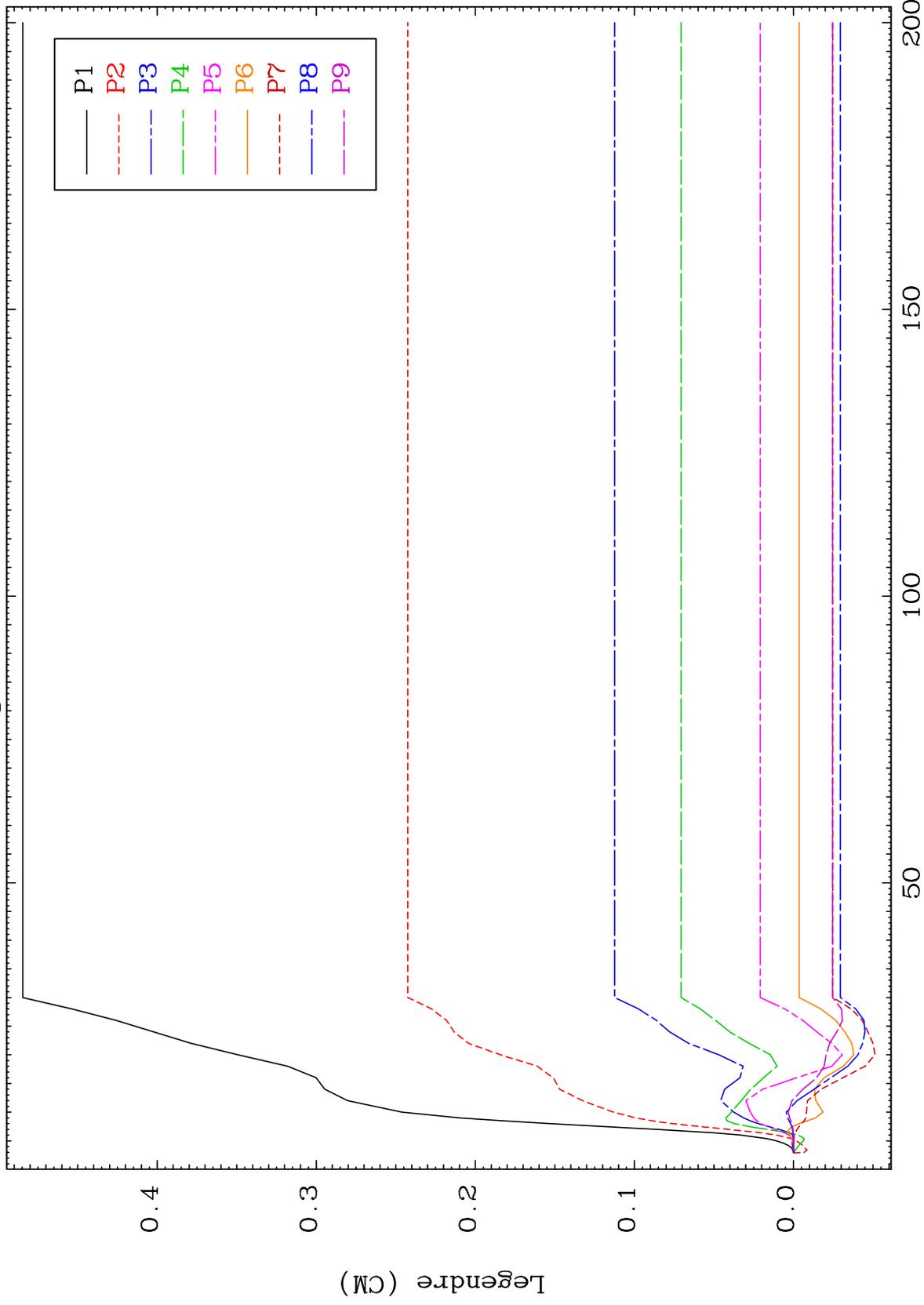
32-Ge-79



MAT 3252

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

32-Ge-79



91

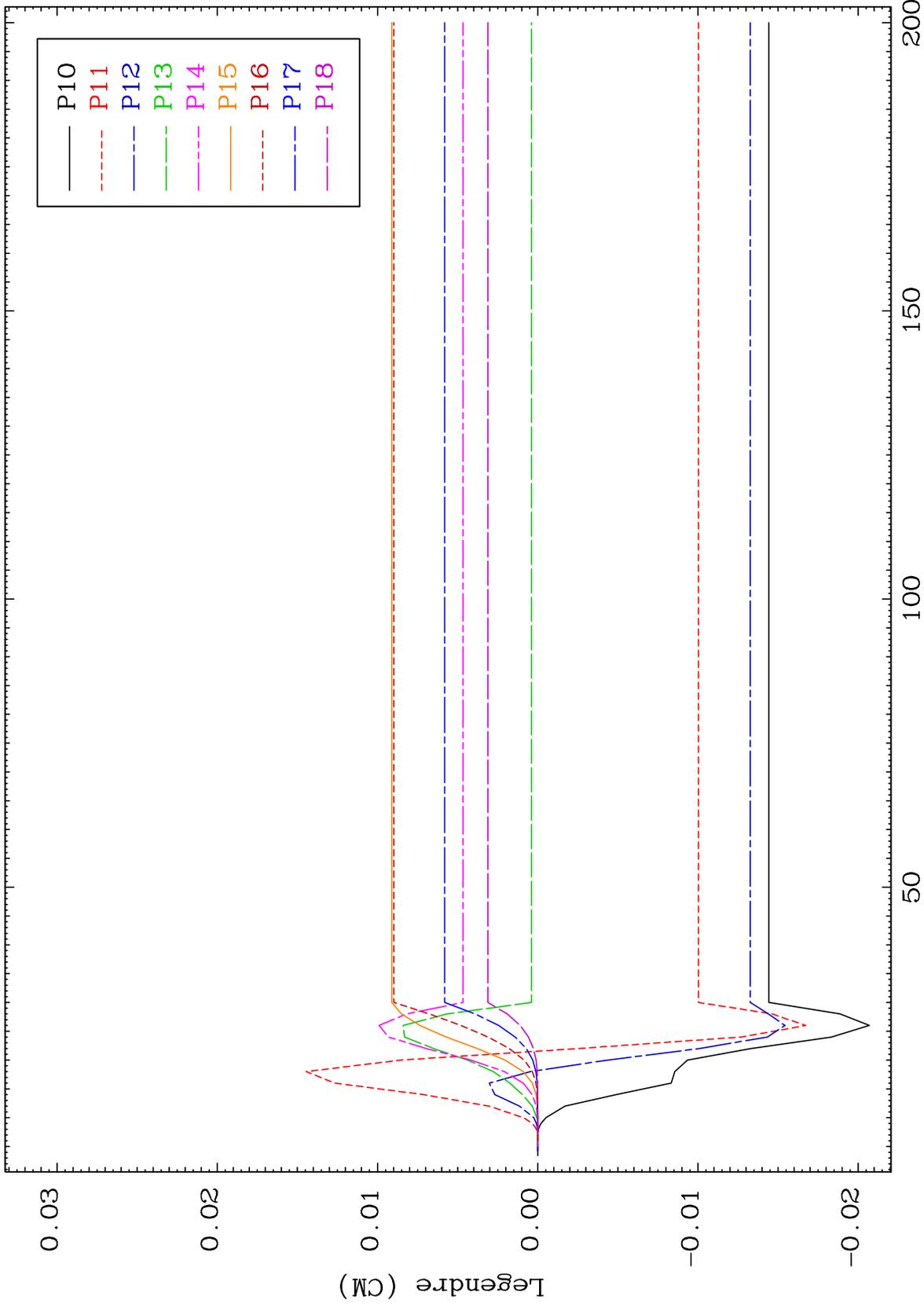
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

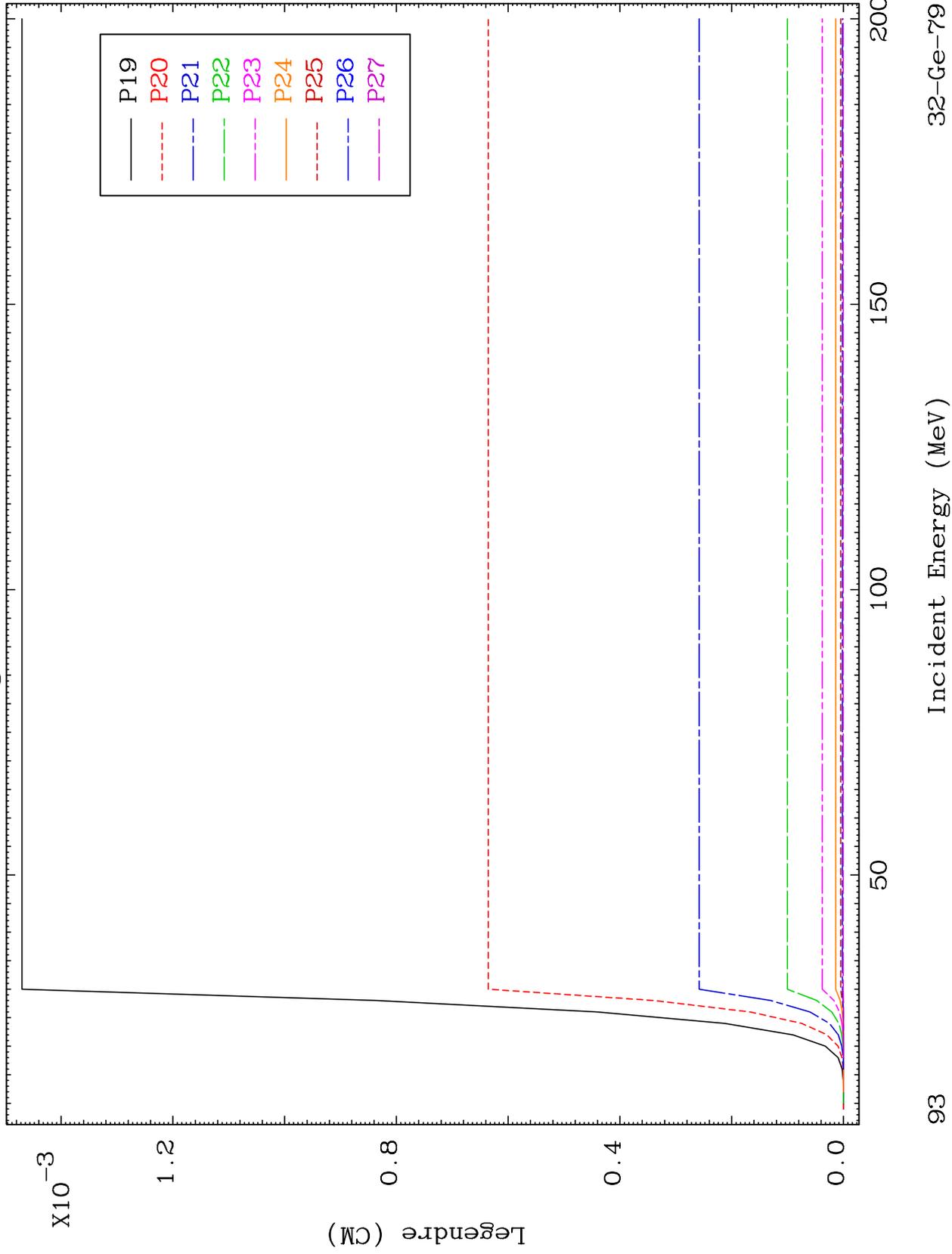
32-Ge-79



MAT 3252

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

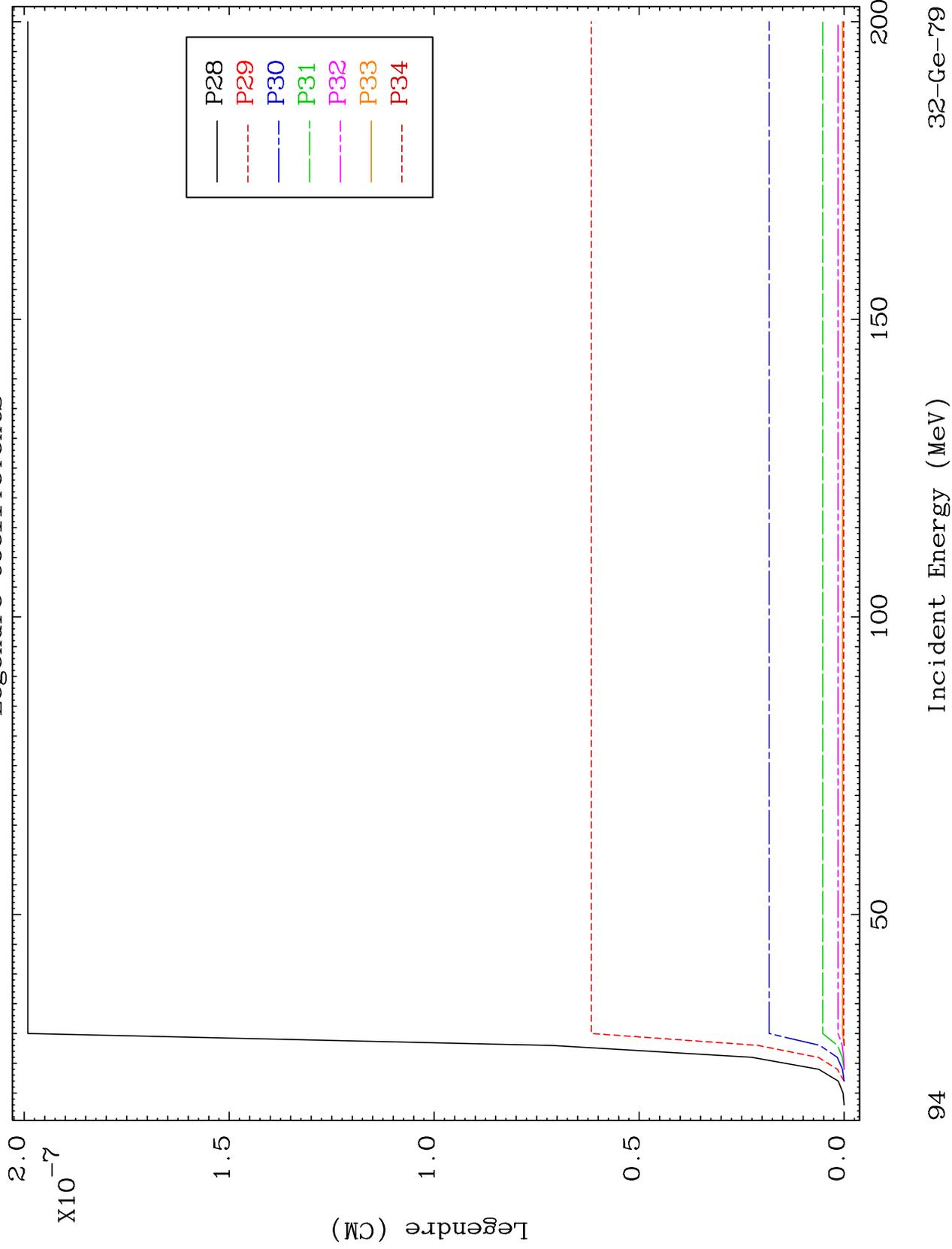
32-Ge-79



MAT 3252

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

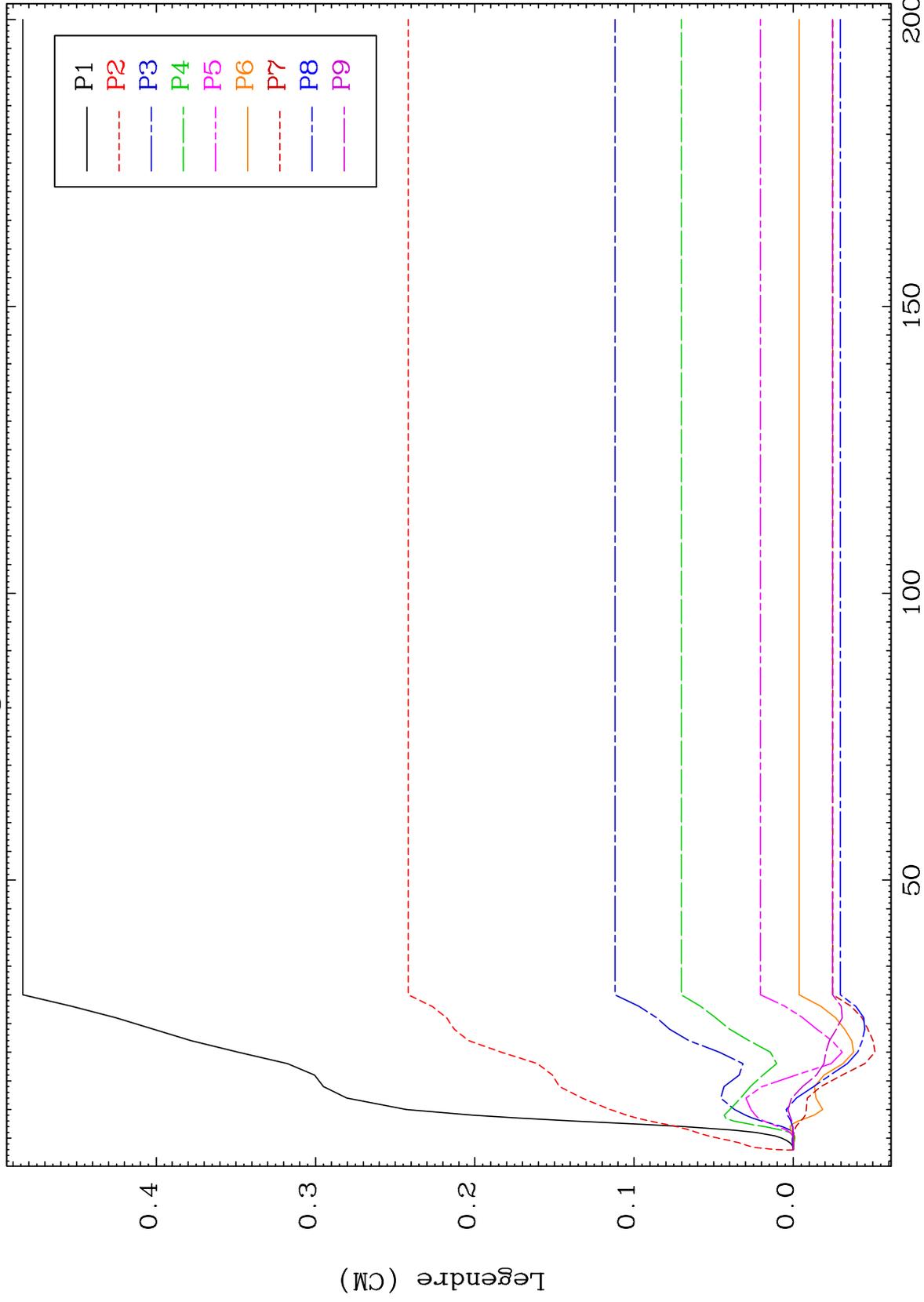
32-Ge-79



MAT 3252

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

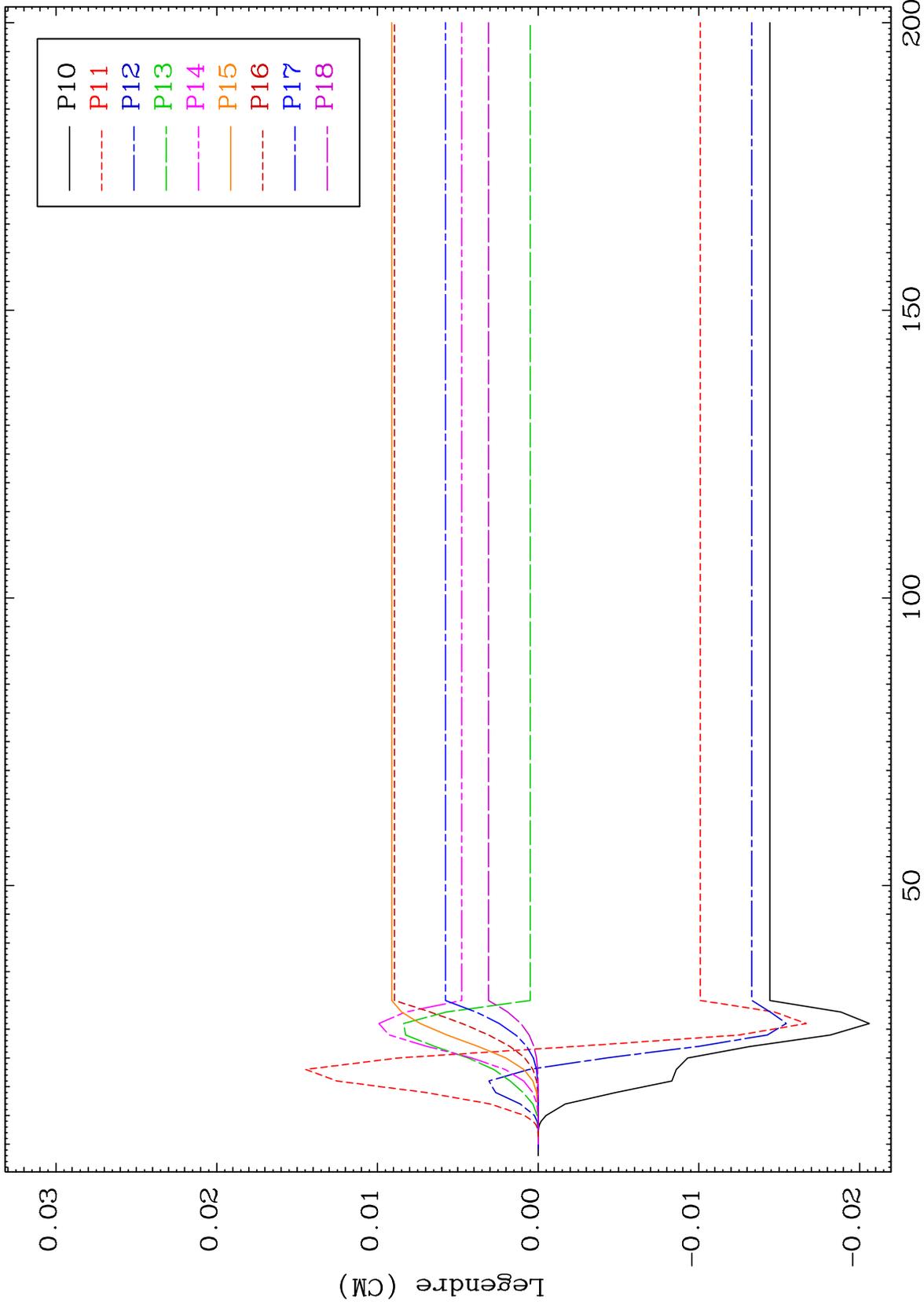
32-Ge-79



95

Incident Energy (MeV)

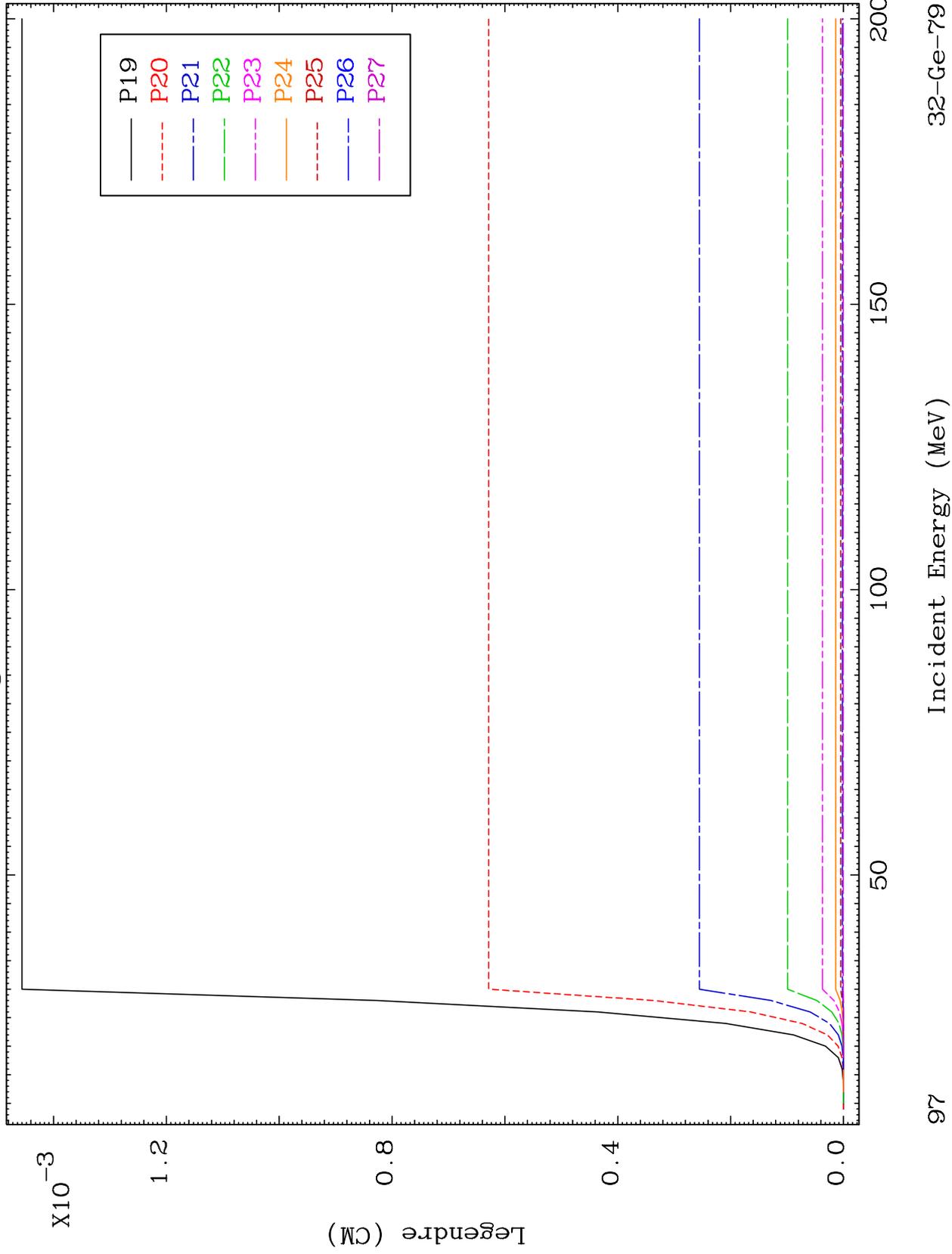
32-Ge-79



MAT 3252

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

32-Ge-79



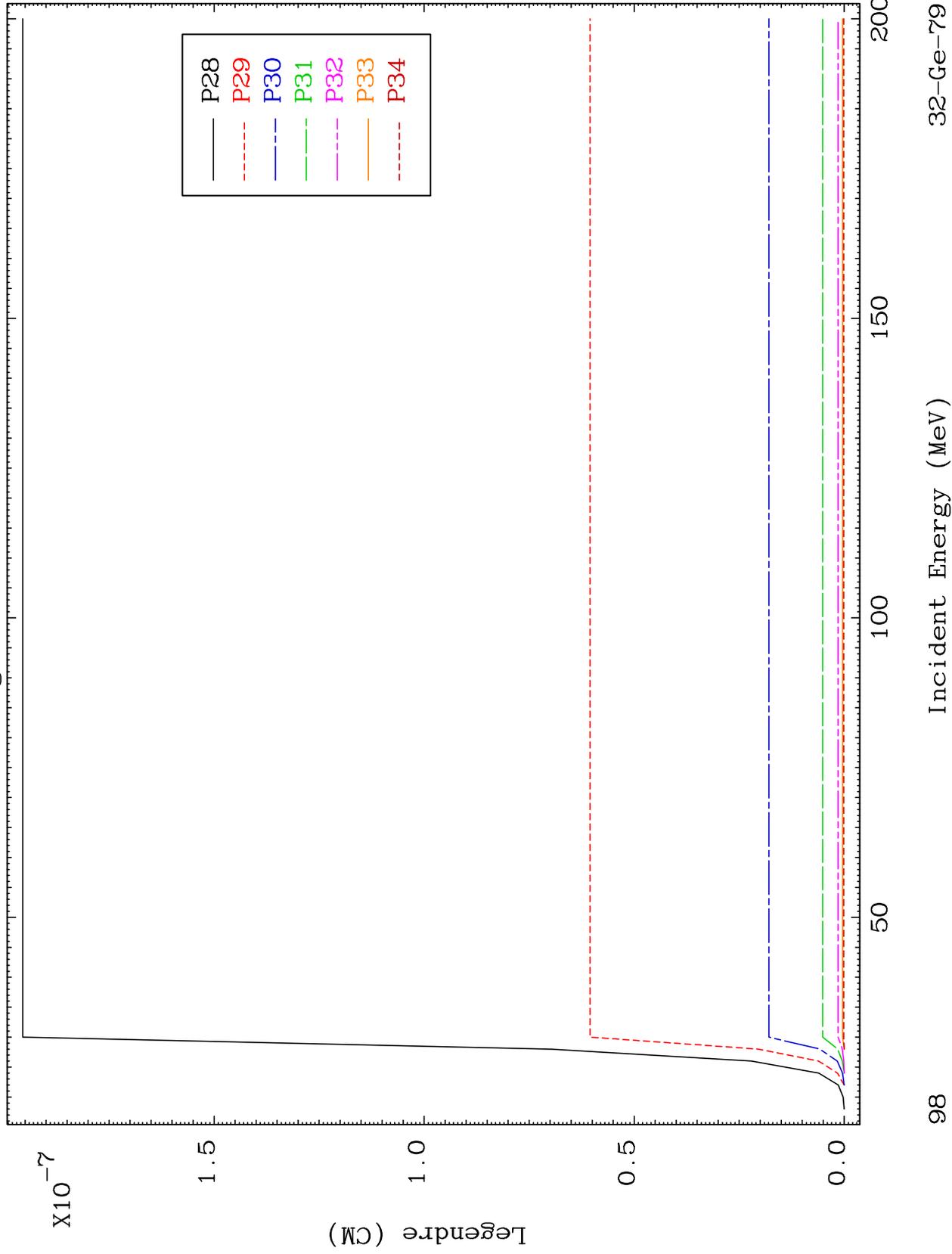
97

32-Ge-79

MAT 3252

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

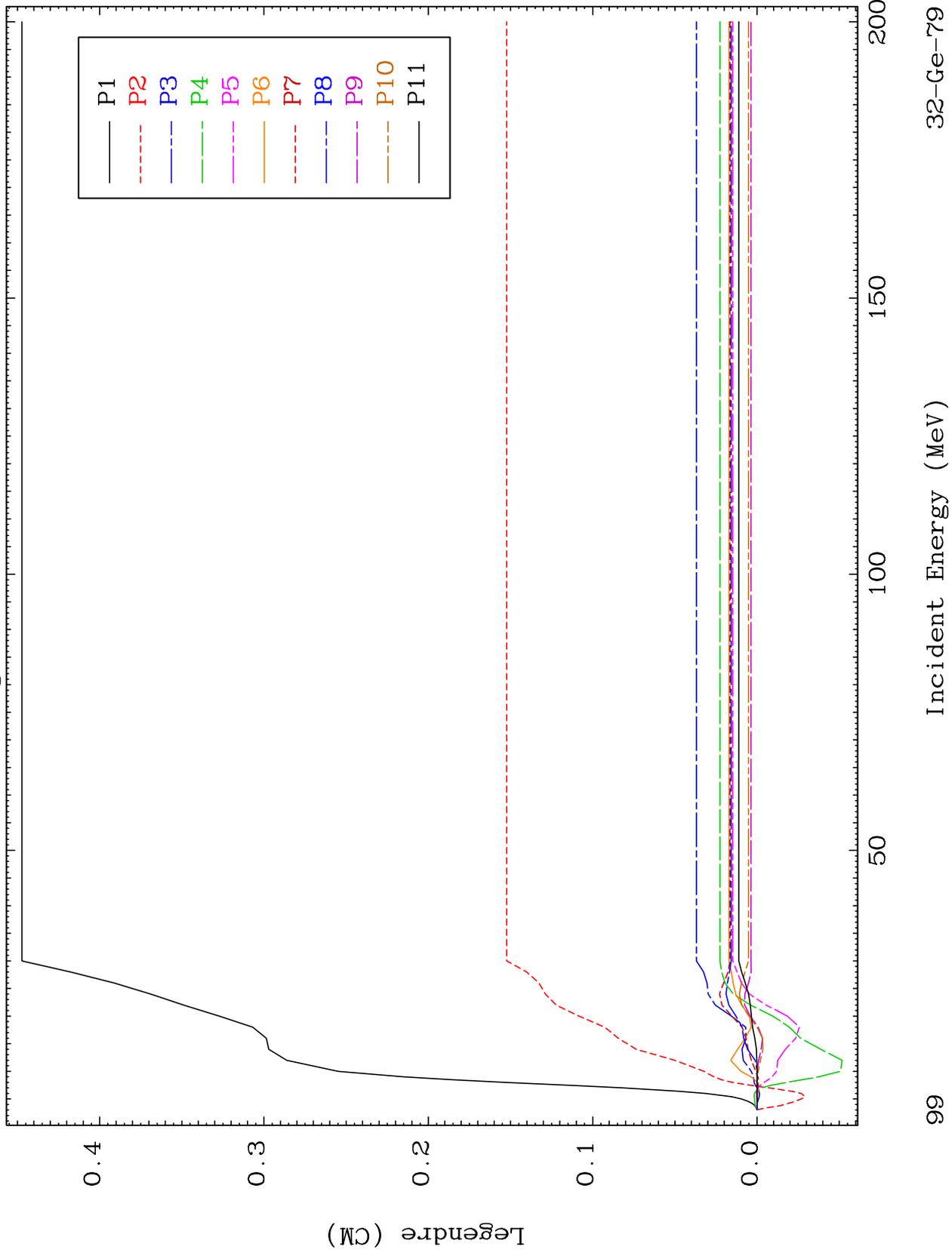
32-Ge-79



MAT 3252

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

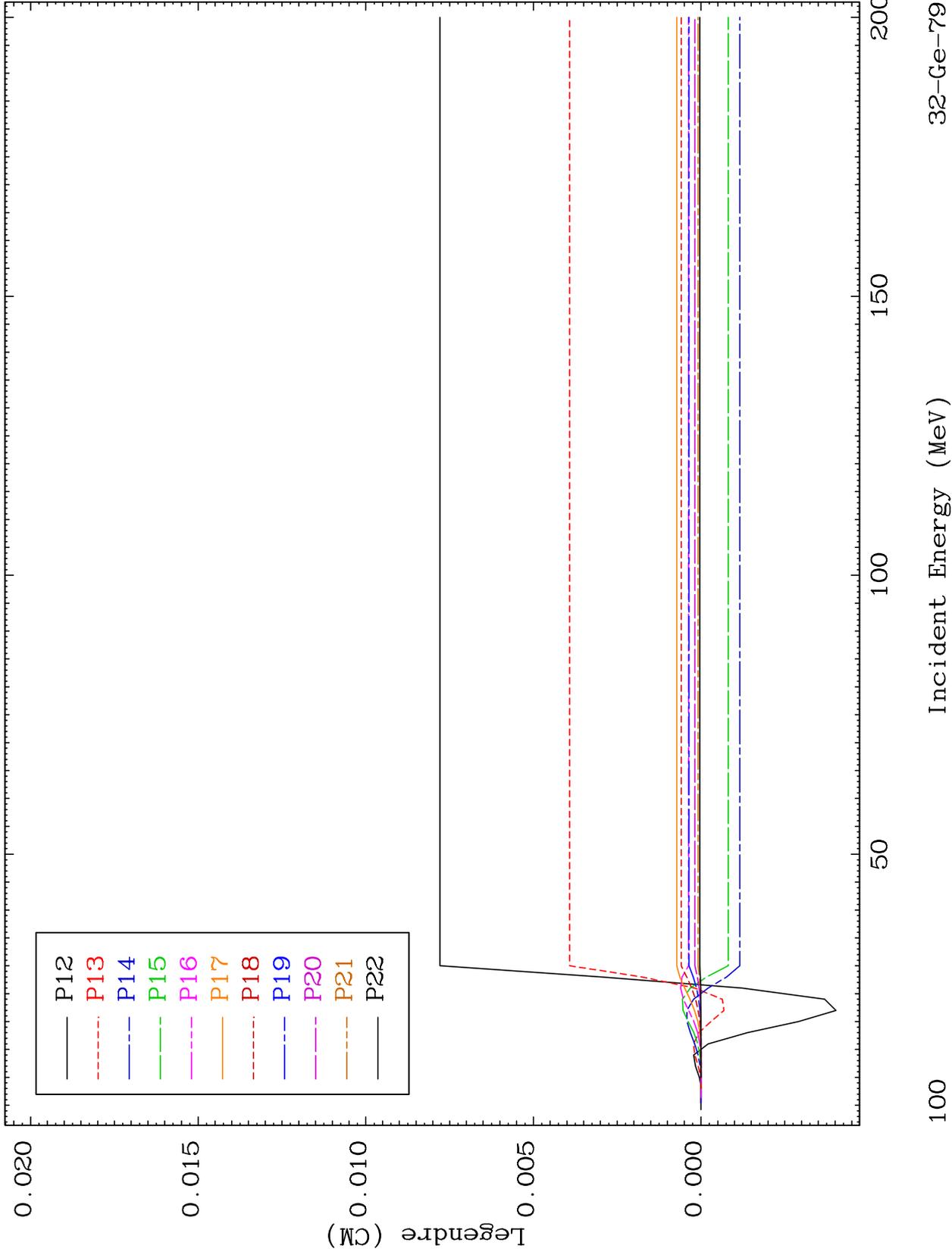
32-Ge-79



MAT 3252

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

32-Ge-79



100

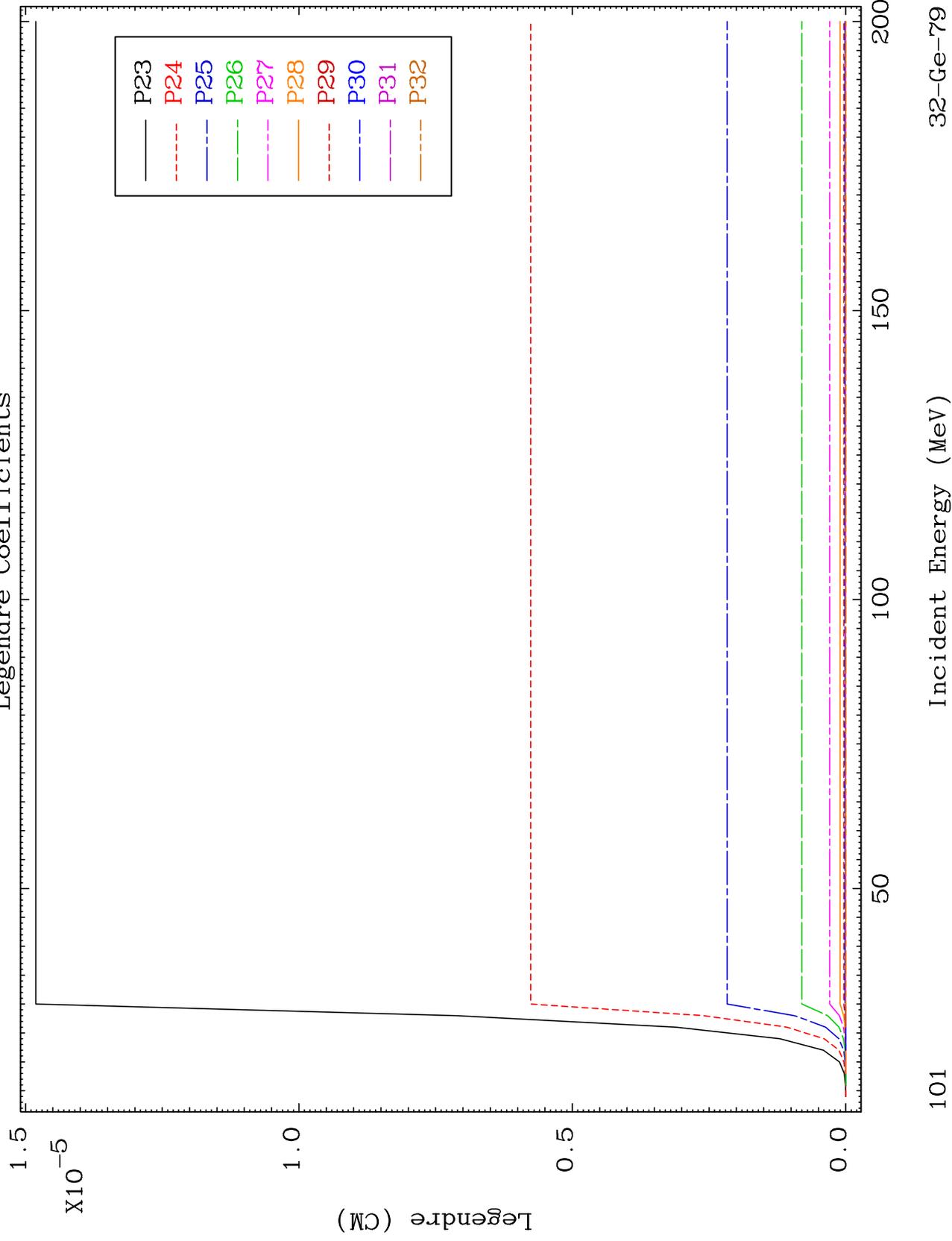
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

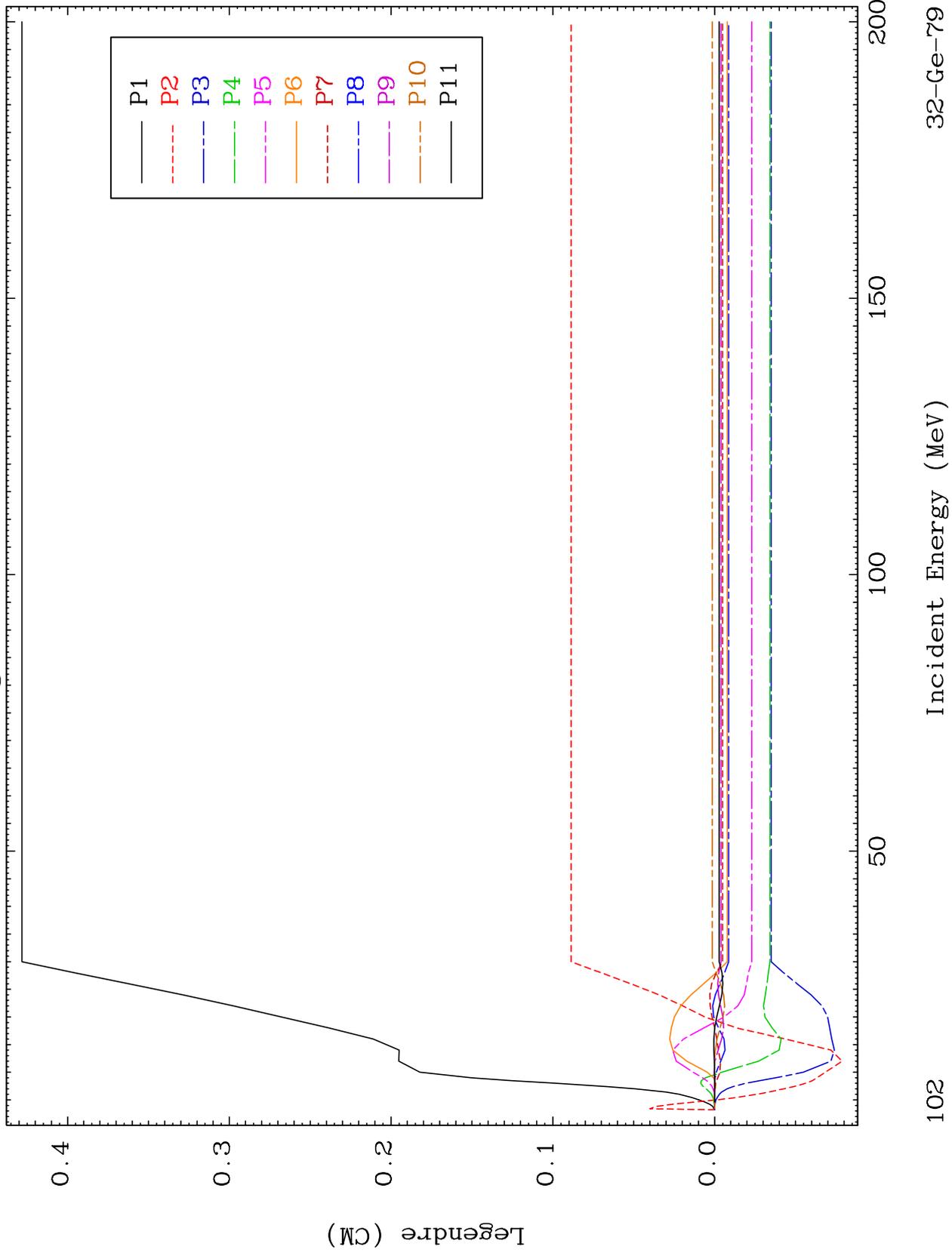
32-Ge-79



MAT 3252

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

32-Ge-79



102

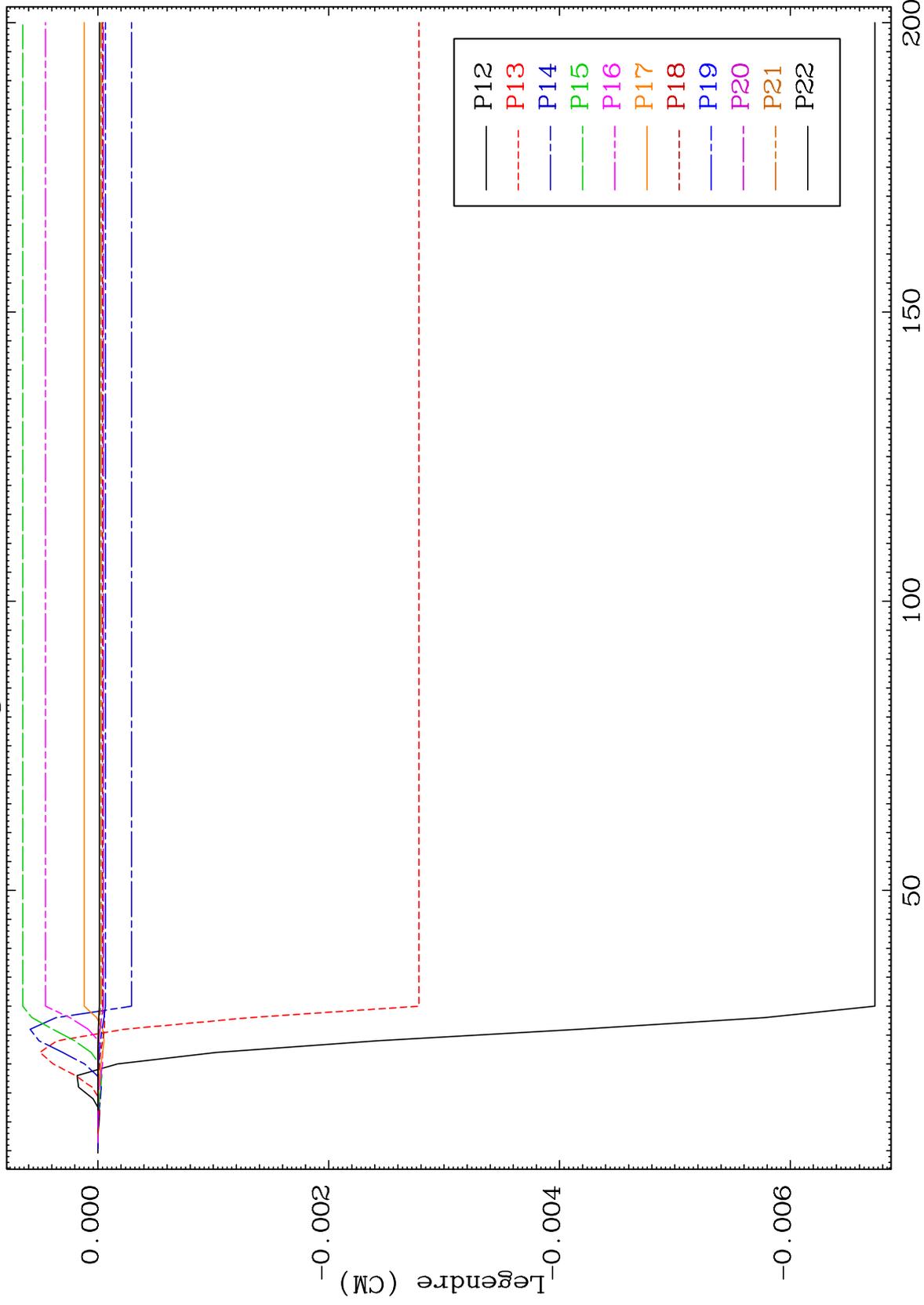
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

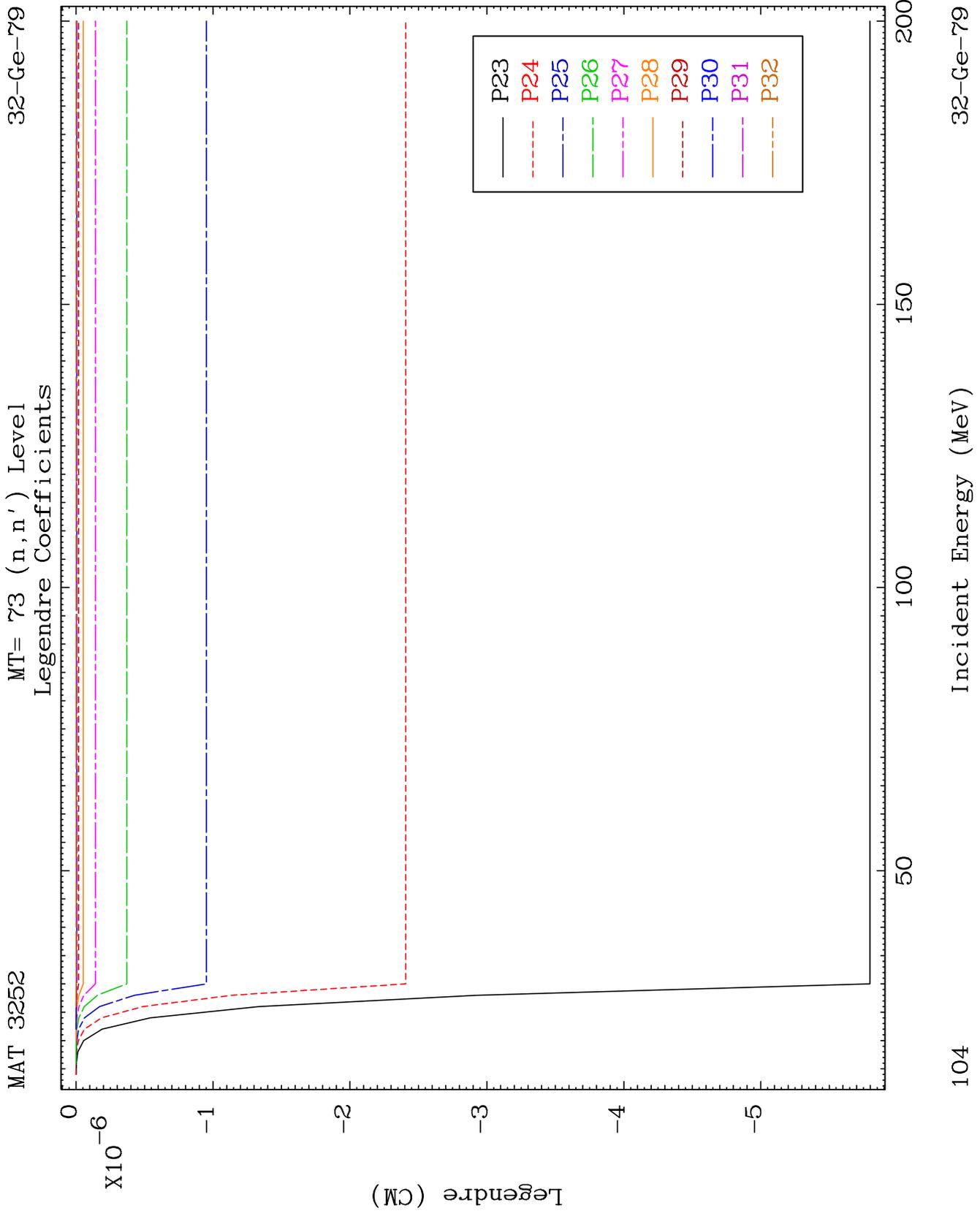
32-Ge-79



103

Incident Energy (MeV)

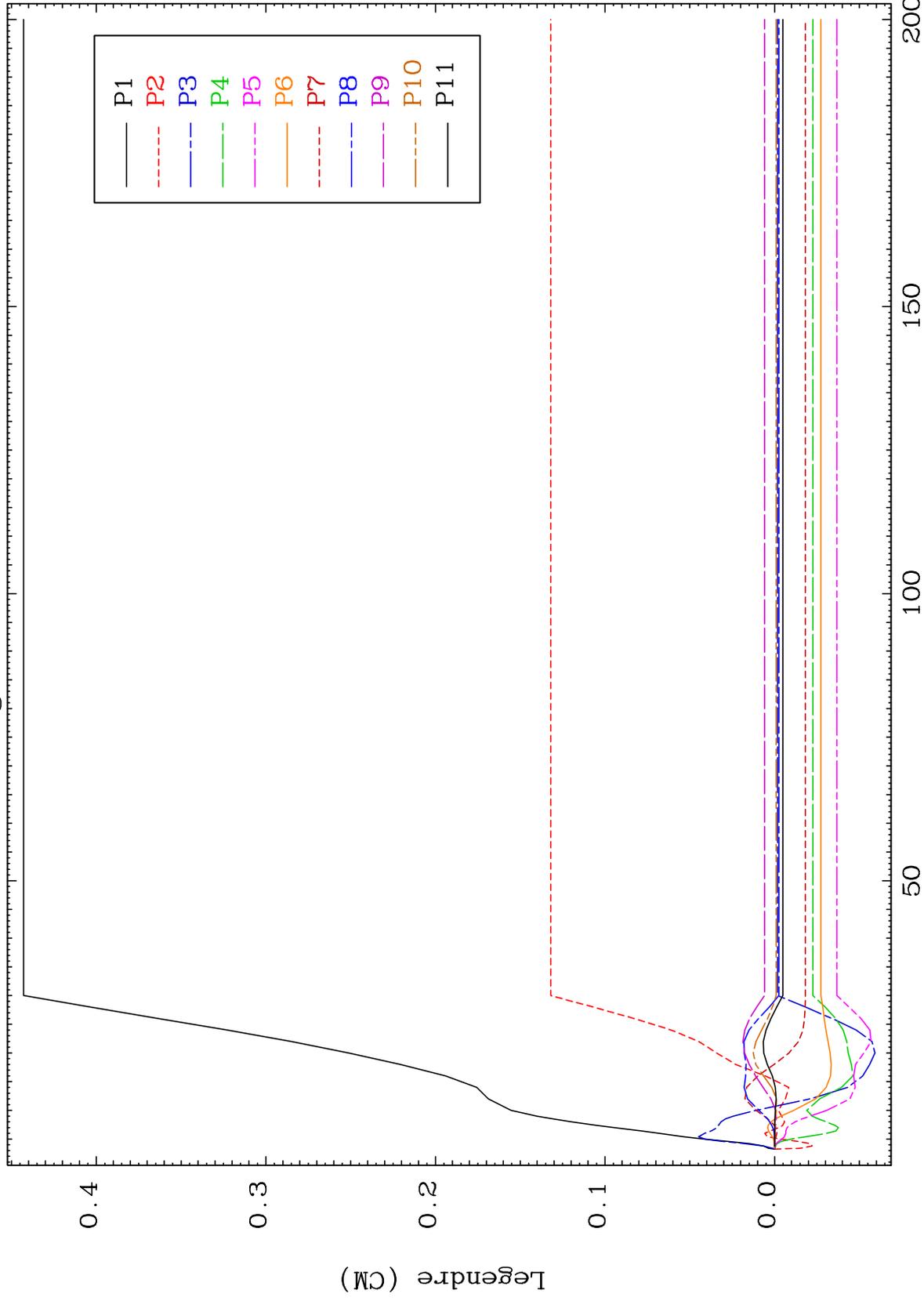
32-Ge-79



MAT 3252

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

32-Ge-79



105

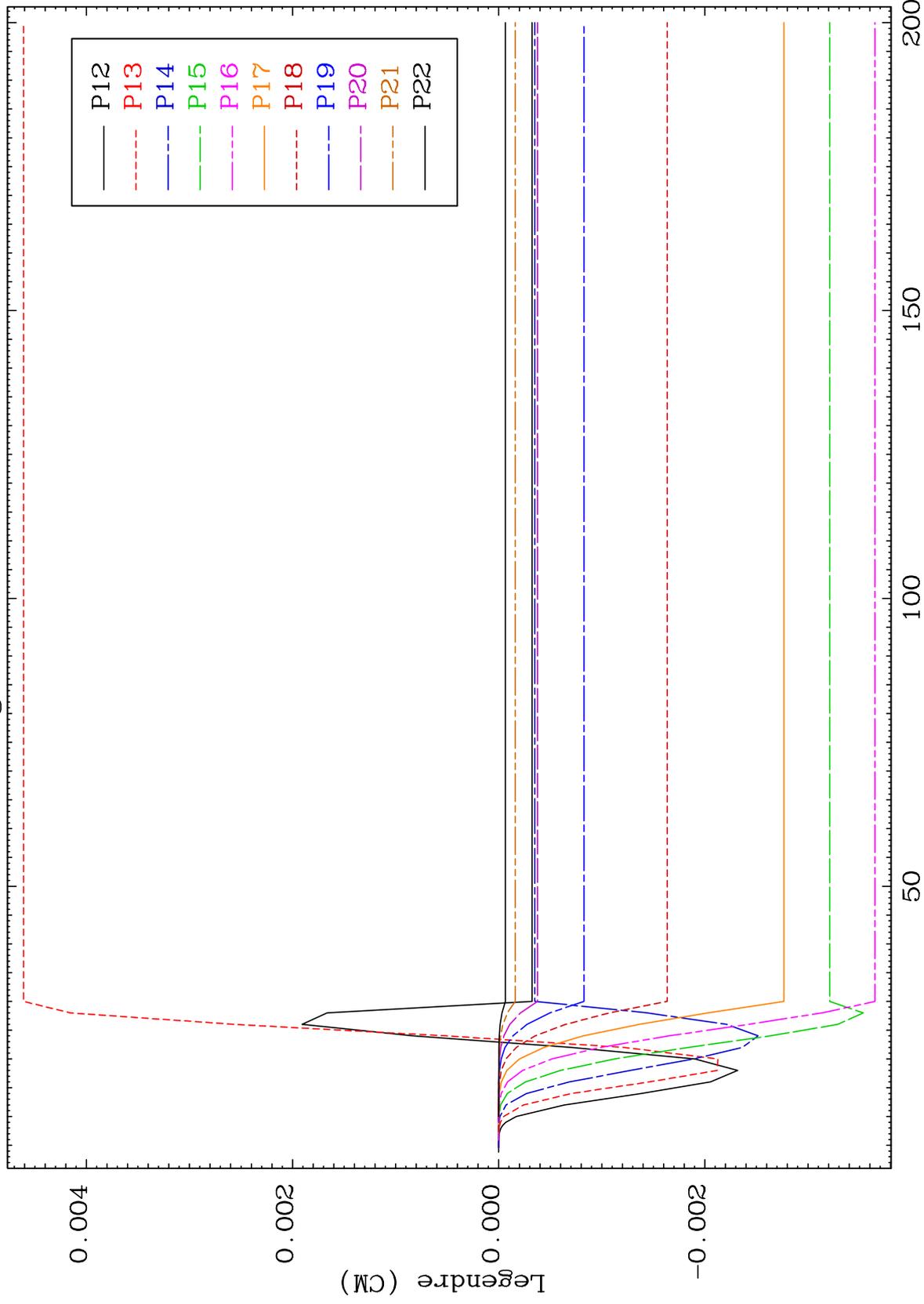
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



106

Incident Energy (MeV)

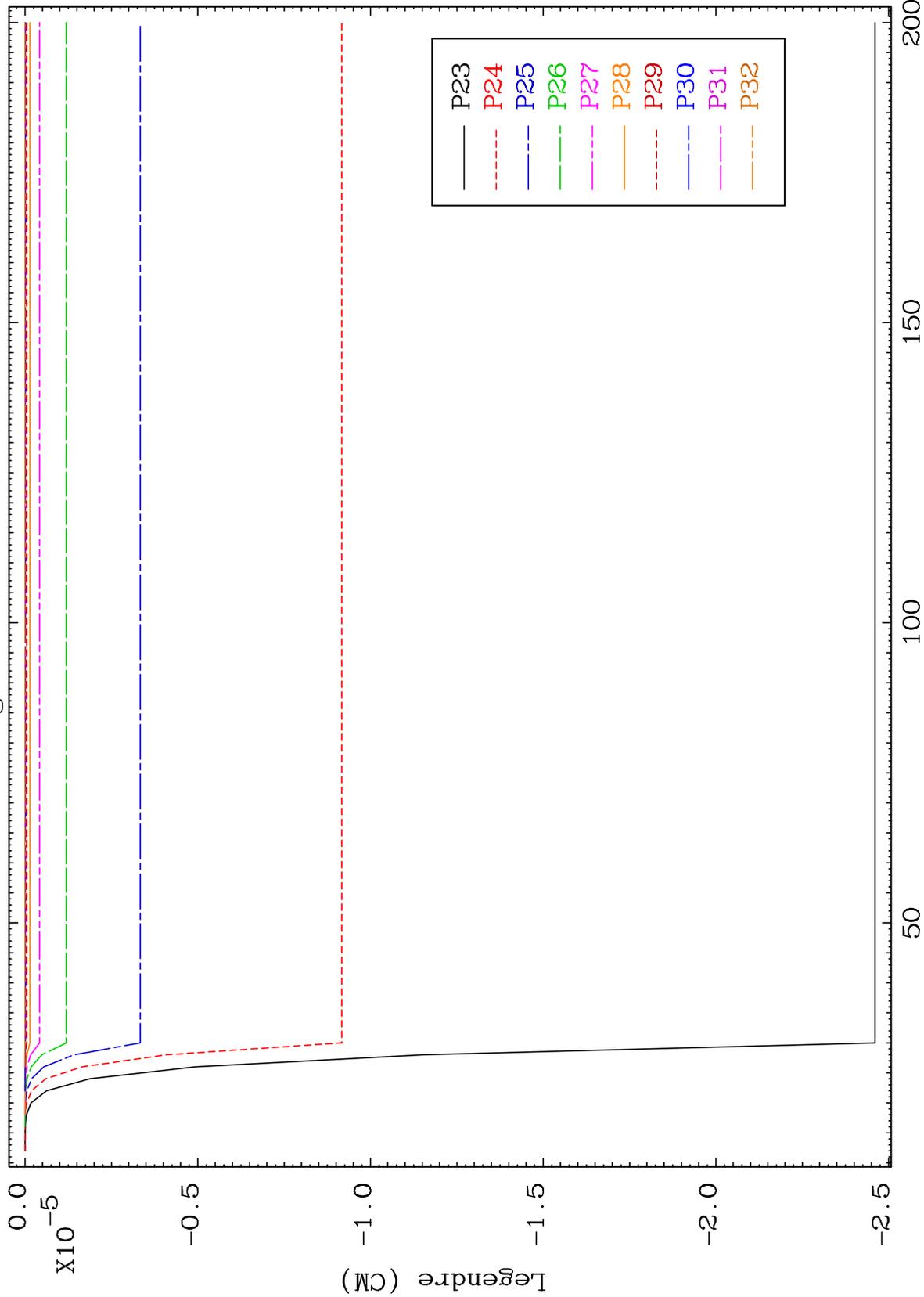
32-Ge-79

MAT 3252

MT= 74 (n,n') Level

32-Ge-79

Legendre Coefficients



107

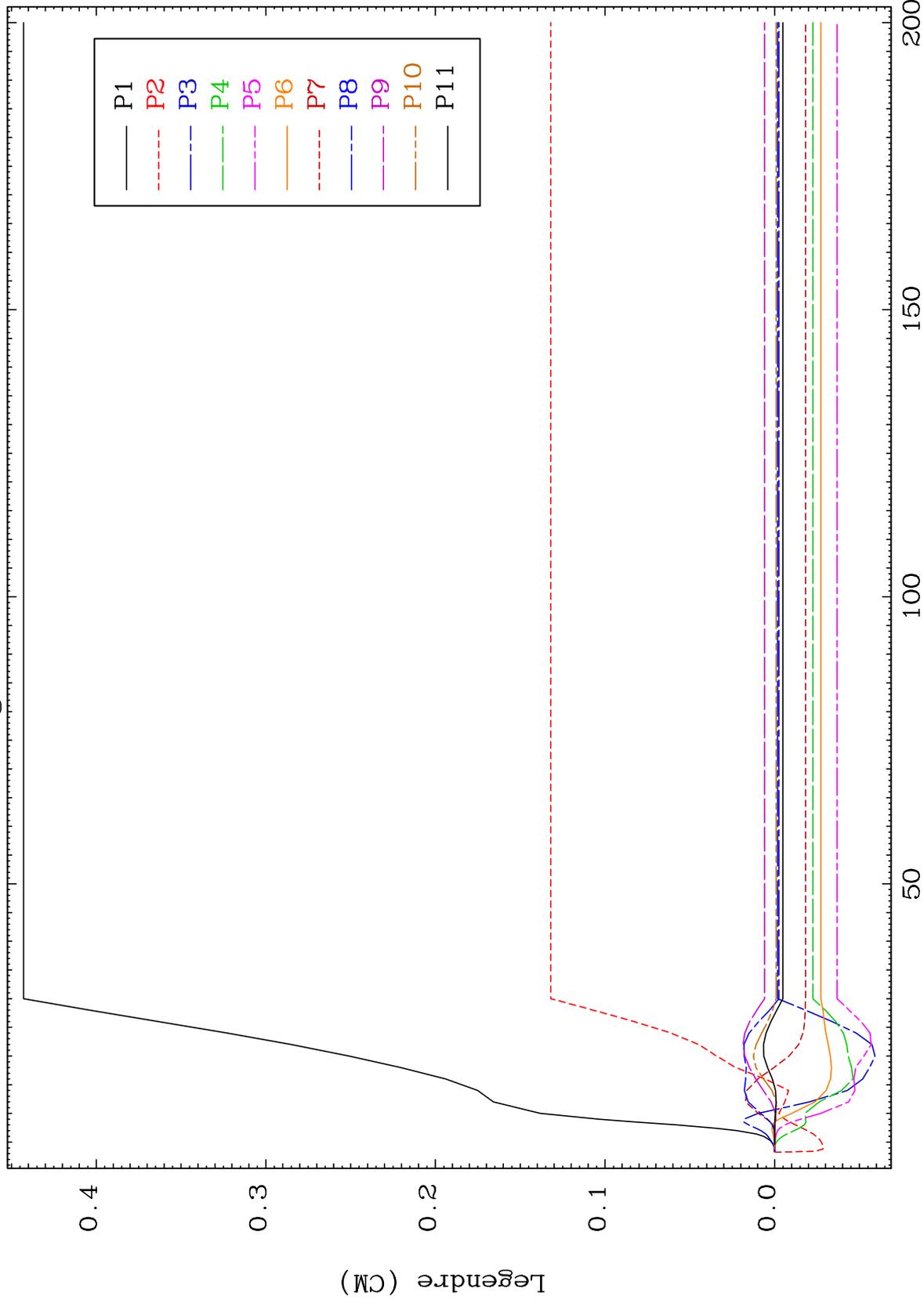
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



108

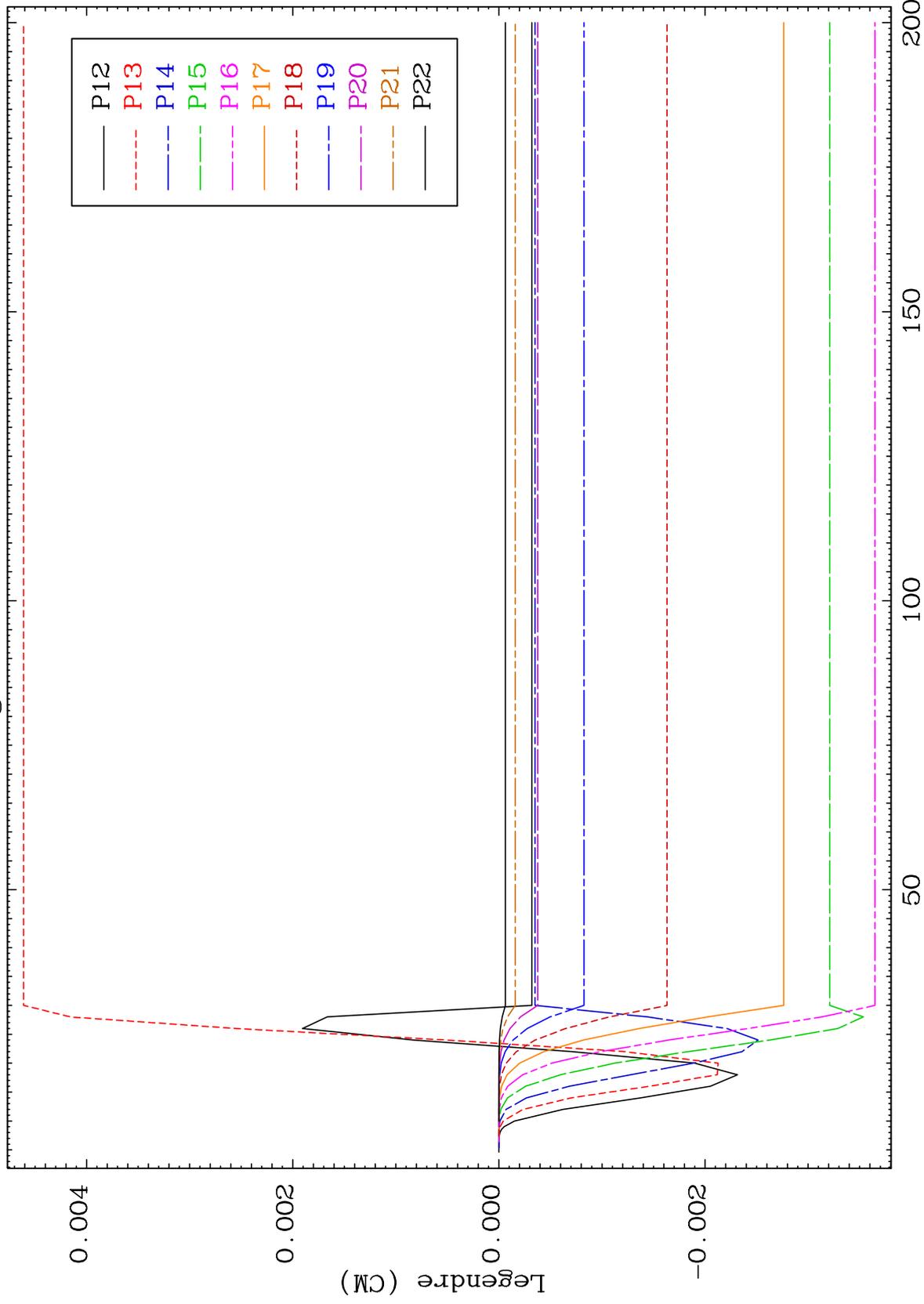
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

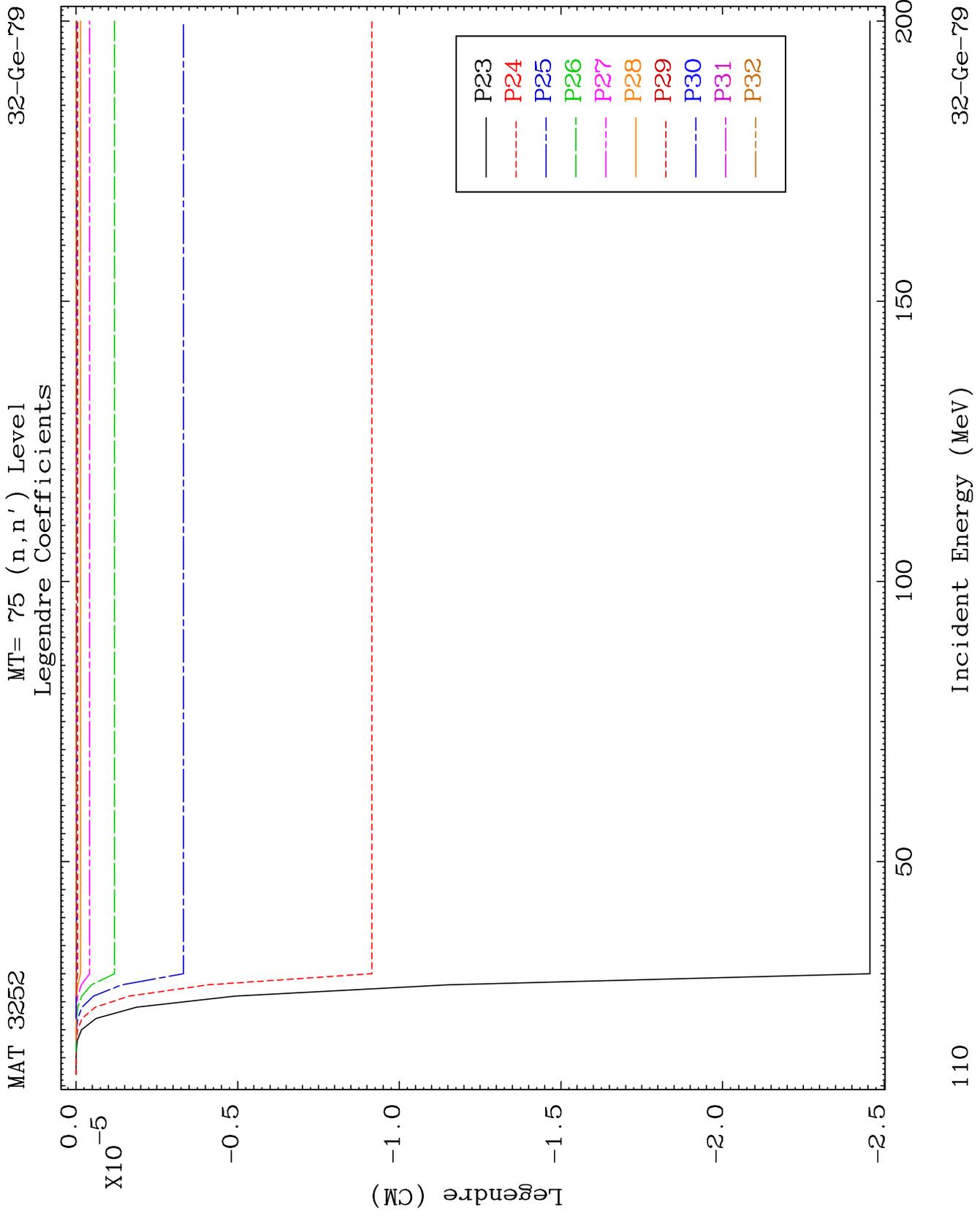
32-Ge-79

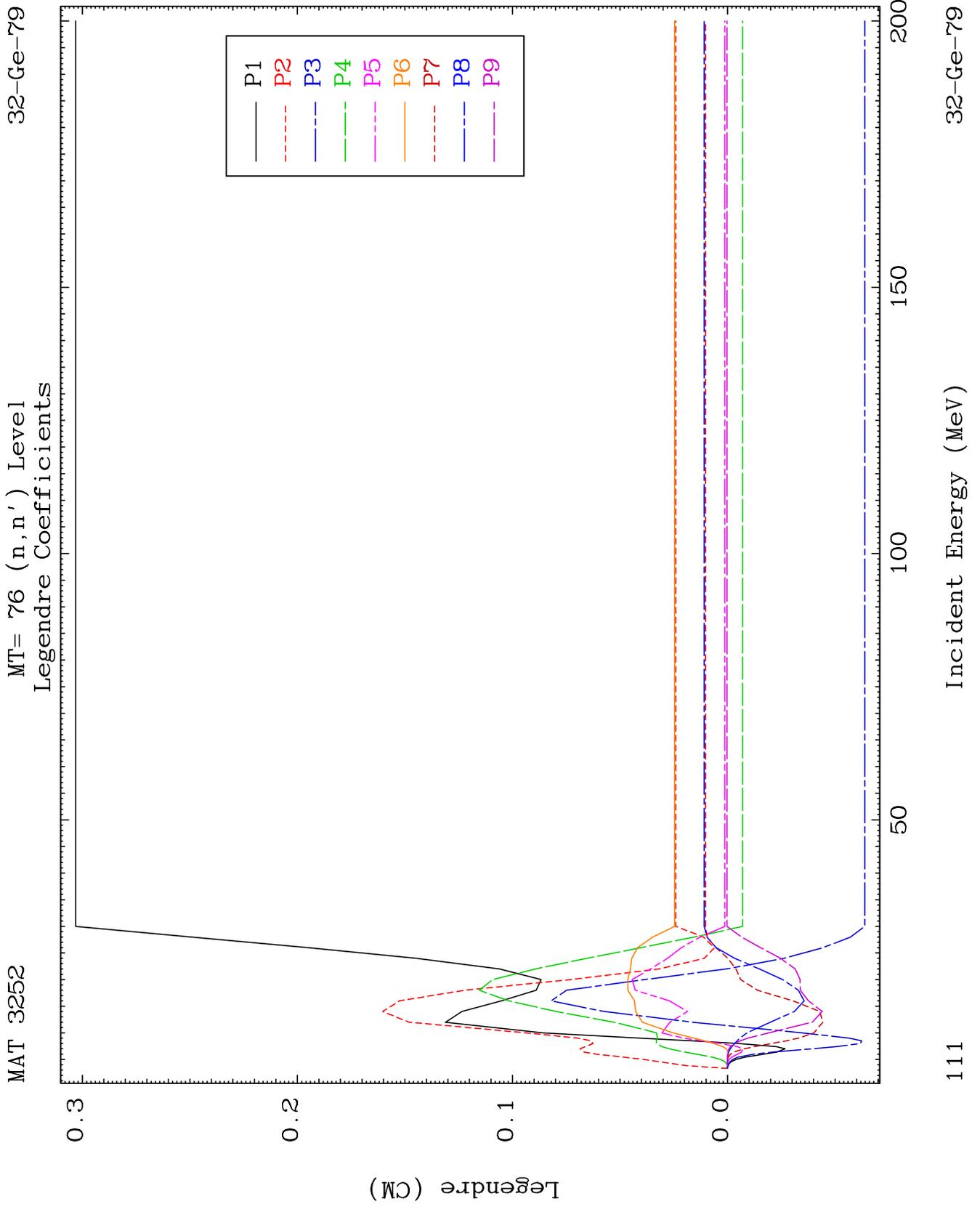


109

Incident Energy (MeV)

32-Ge-79

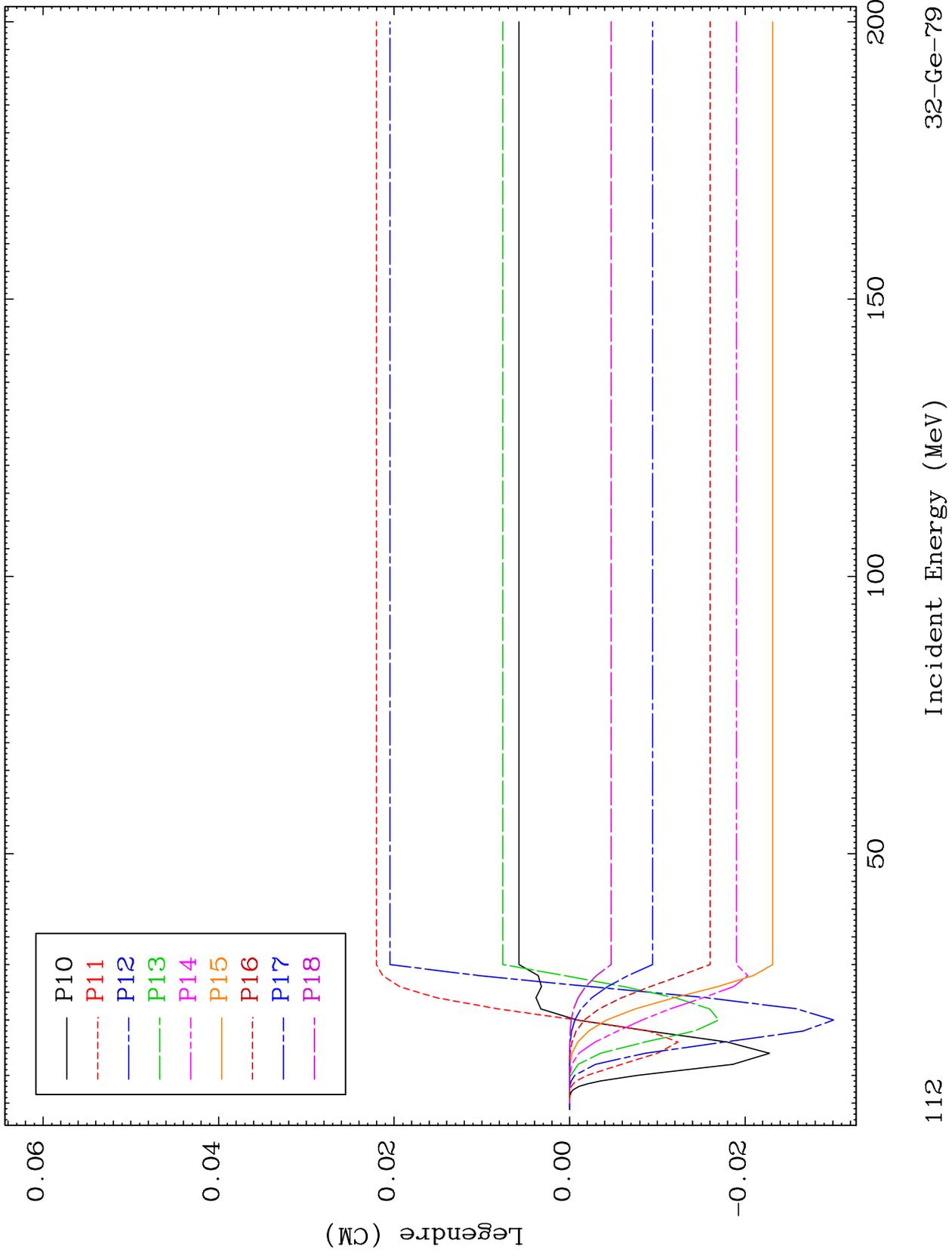




MAT 3252

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

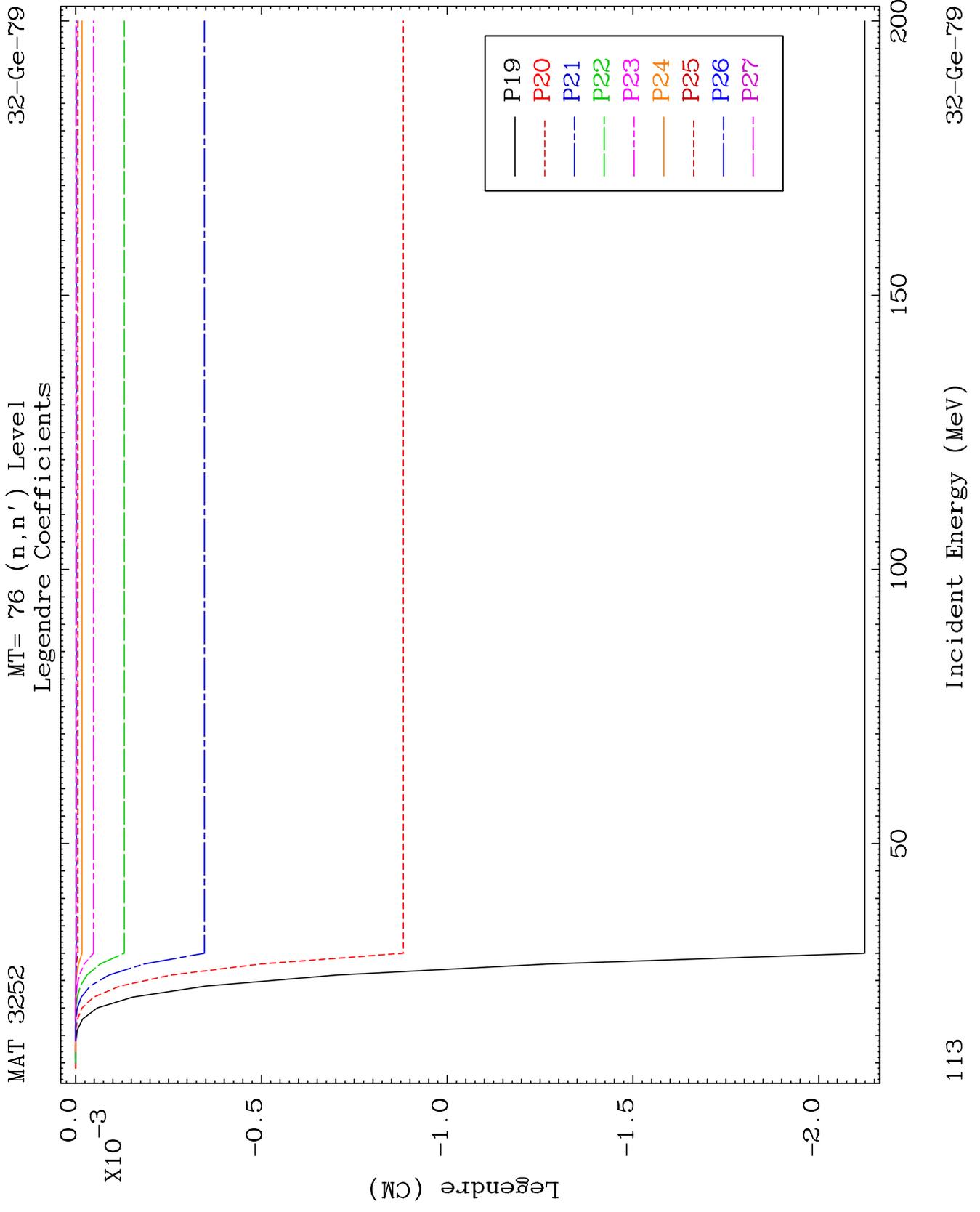
32-Ge-79

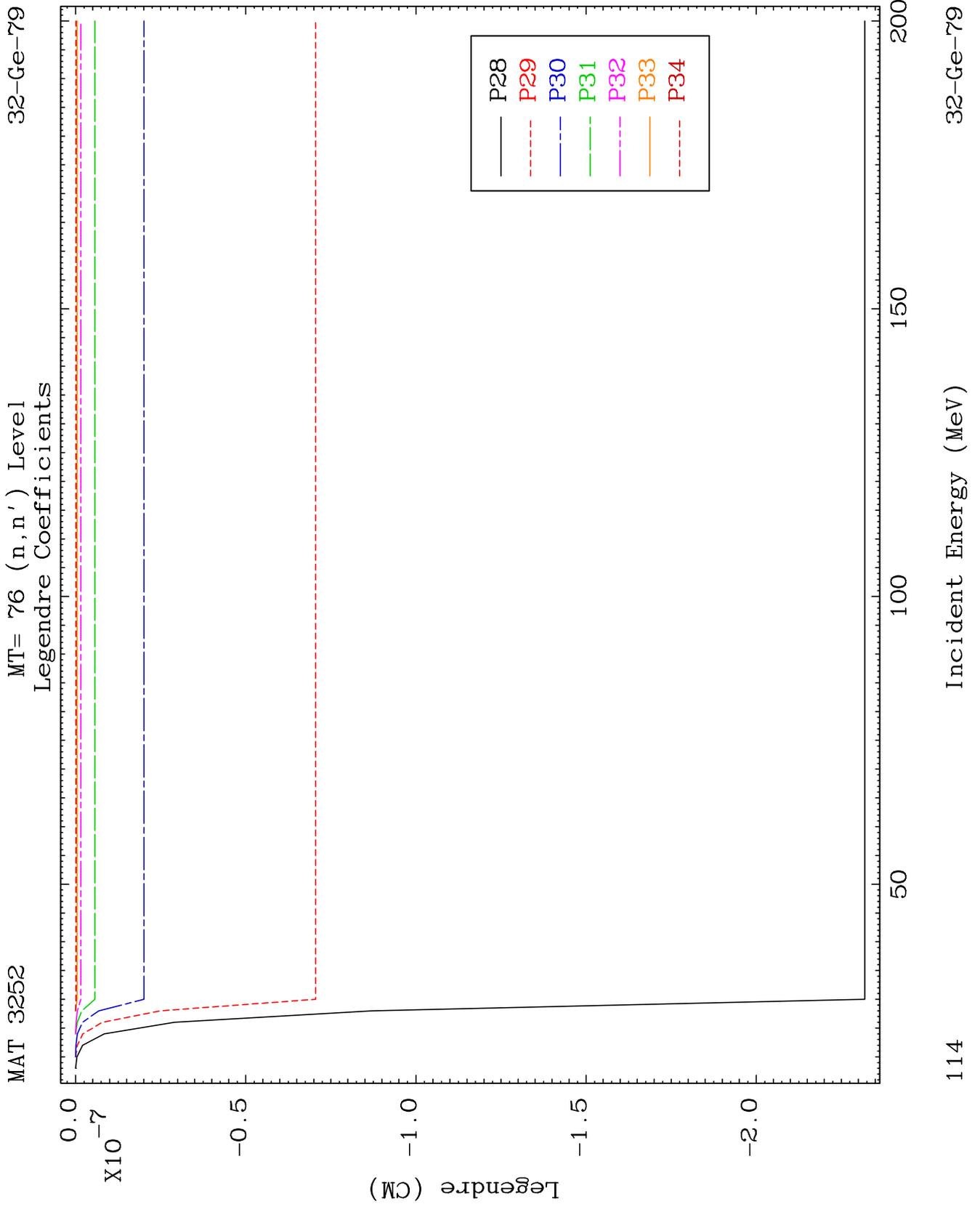


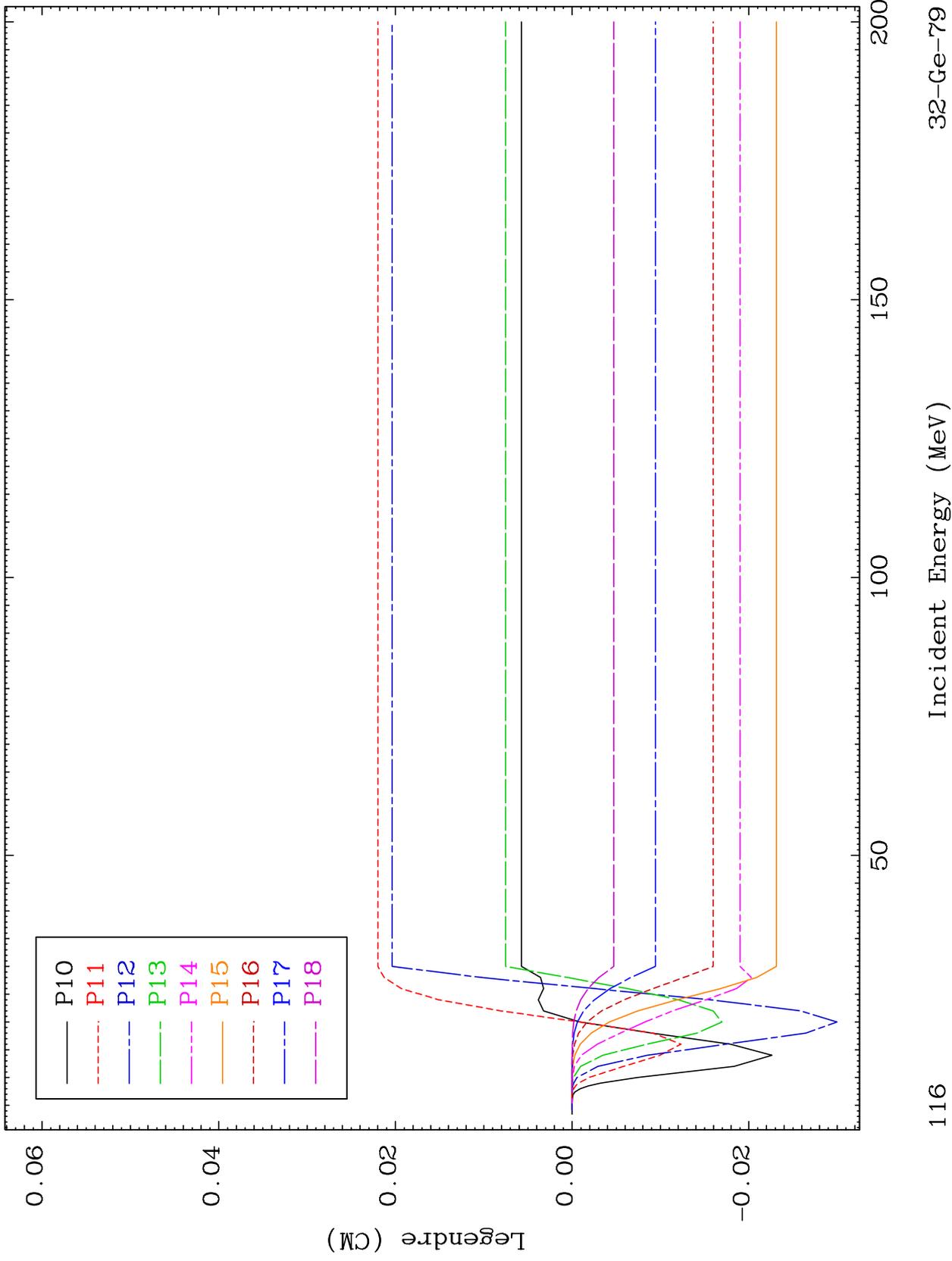
112

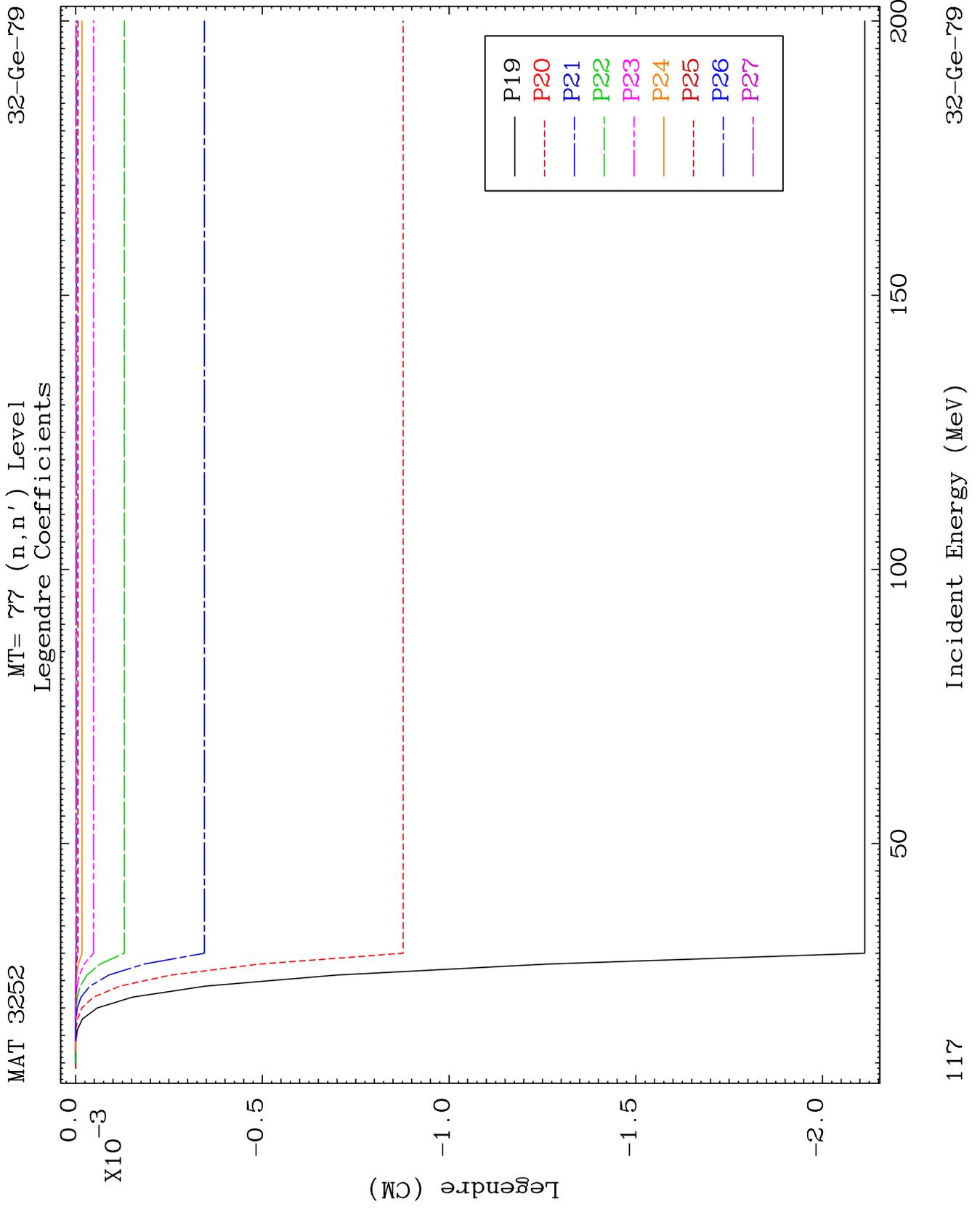
Incident Energy (MeV)

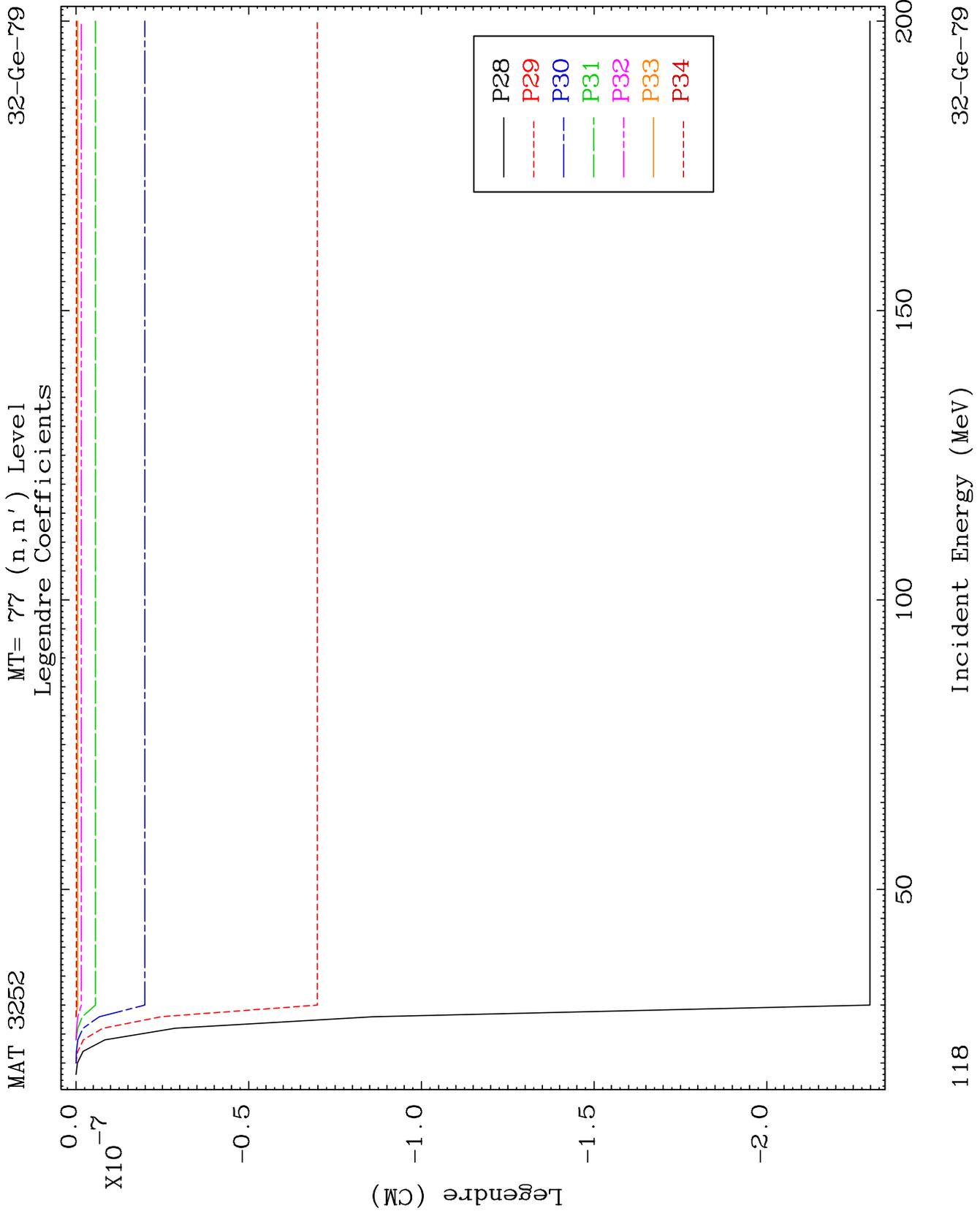
32-Ge-79







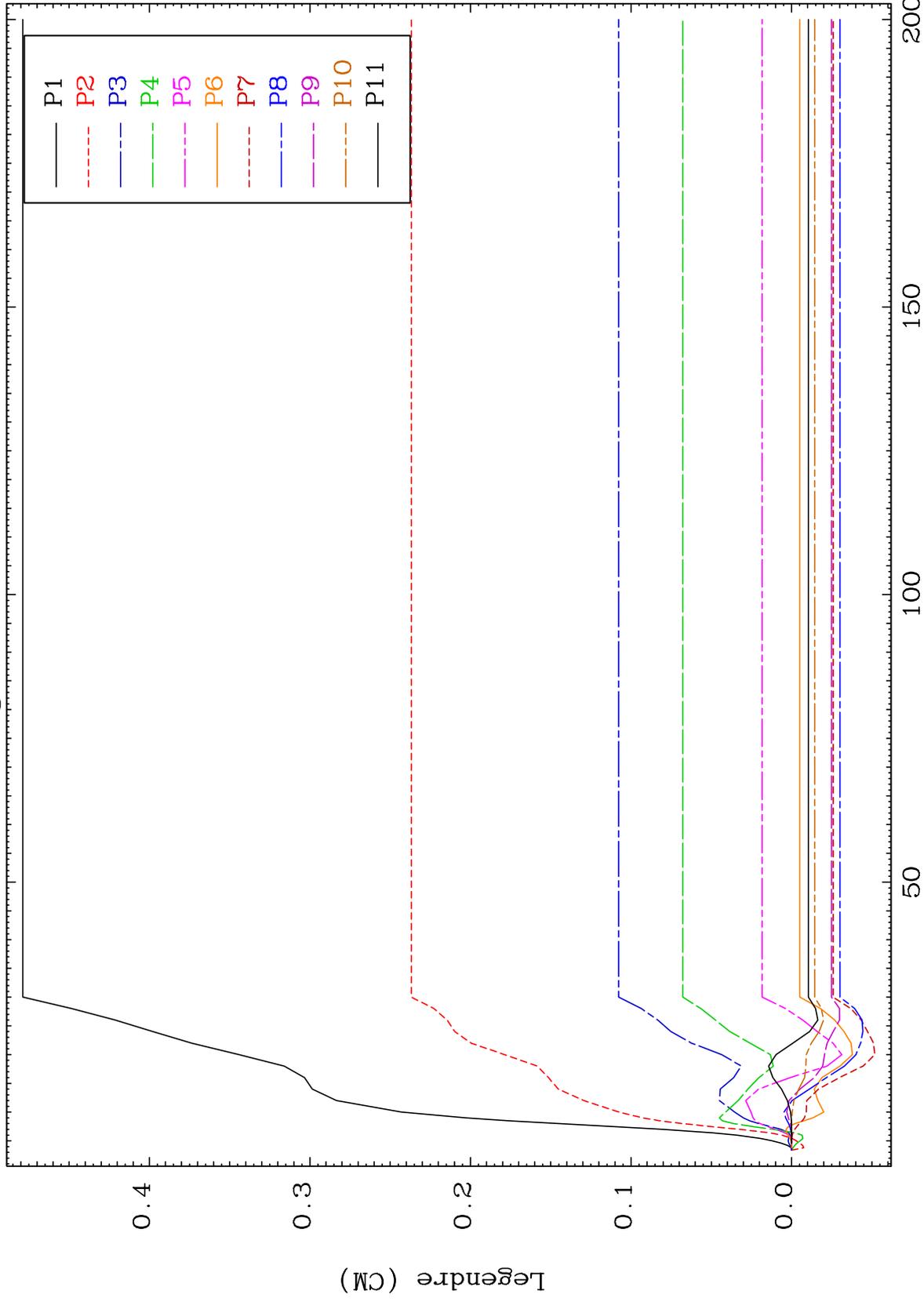




MAT 3252

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

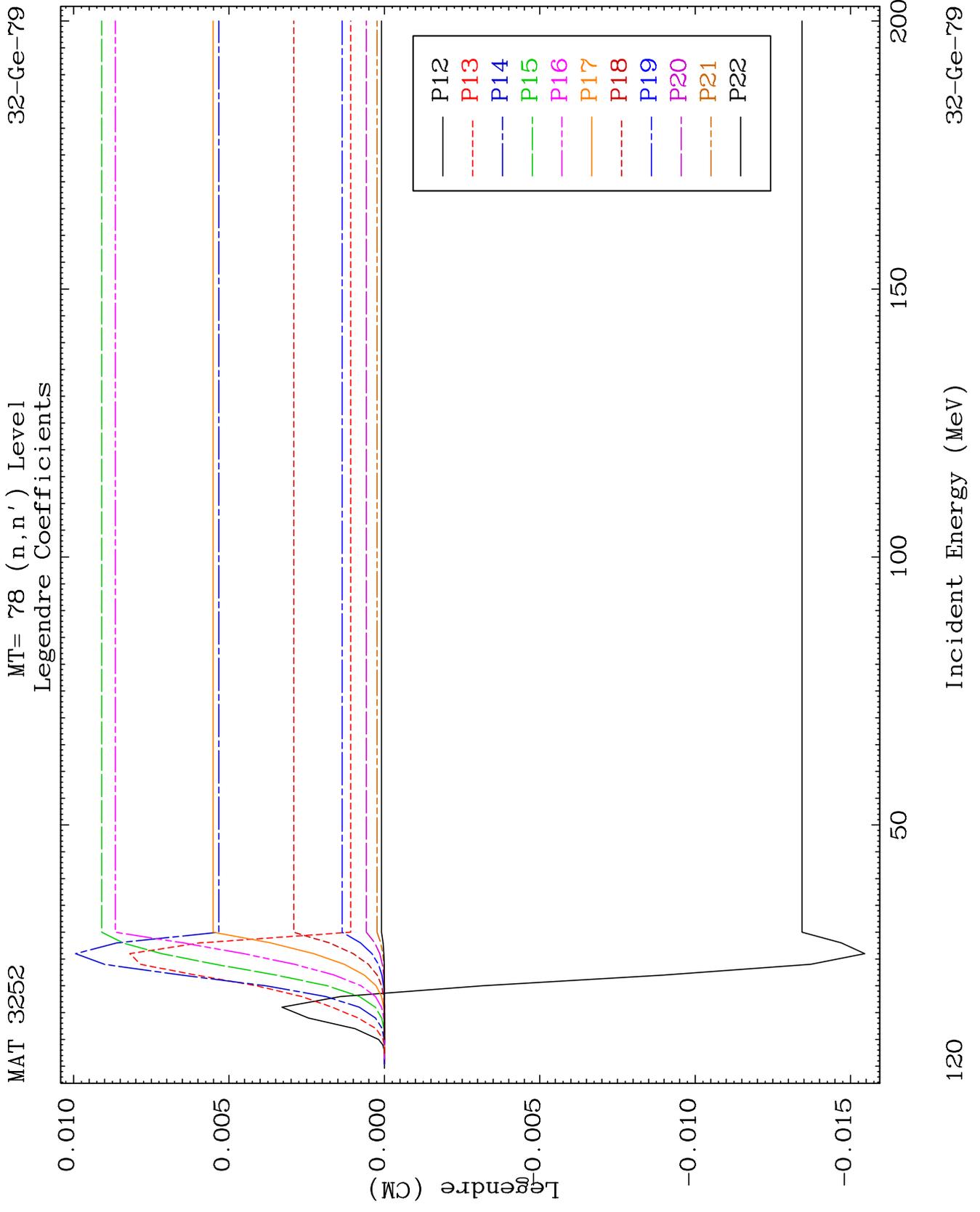
32-Ge-79



119

Incident Energy (MeV)

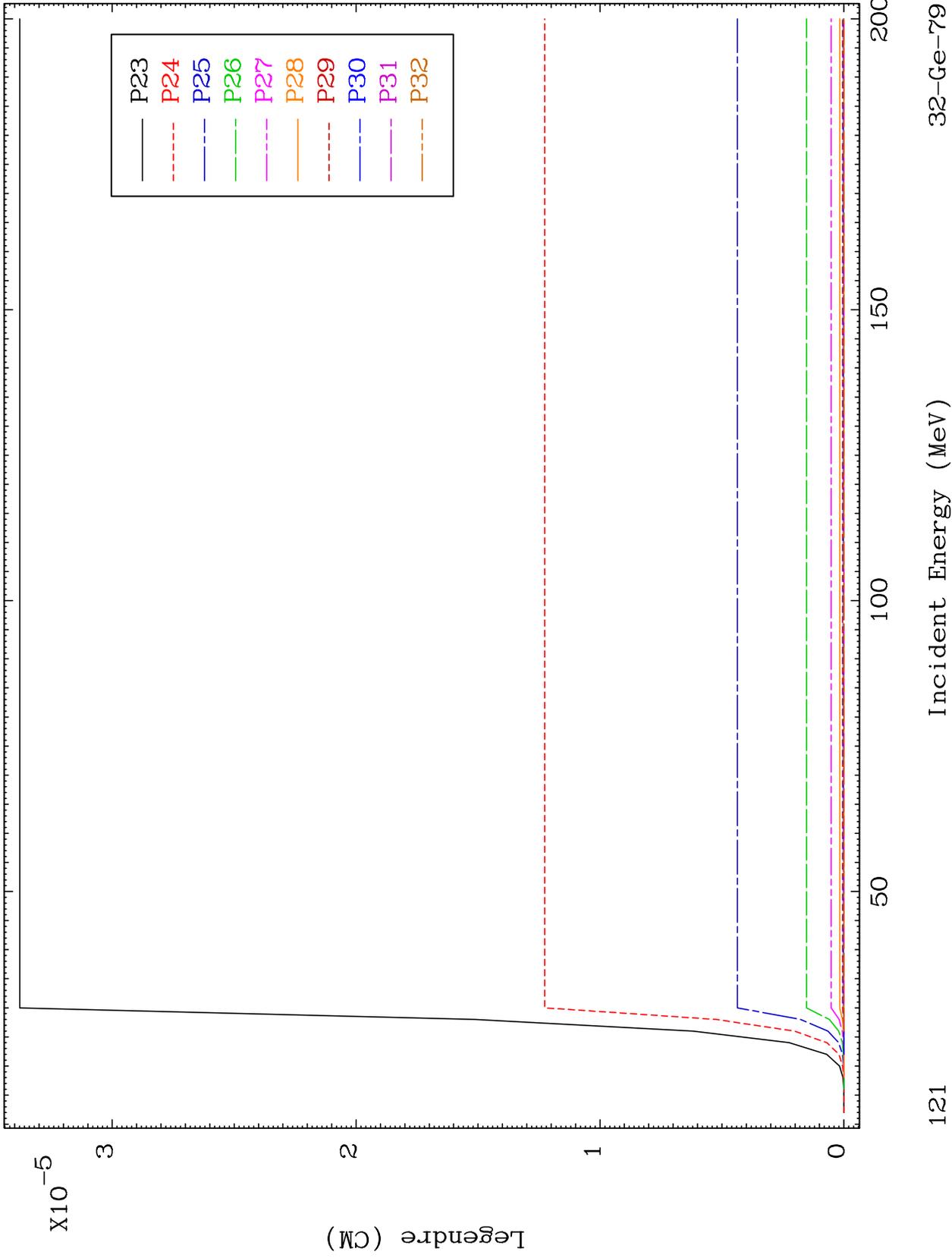
32-Ge-79



MAT 3252

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

32-Ge-79



121

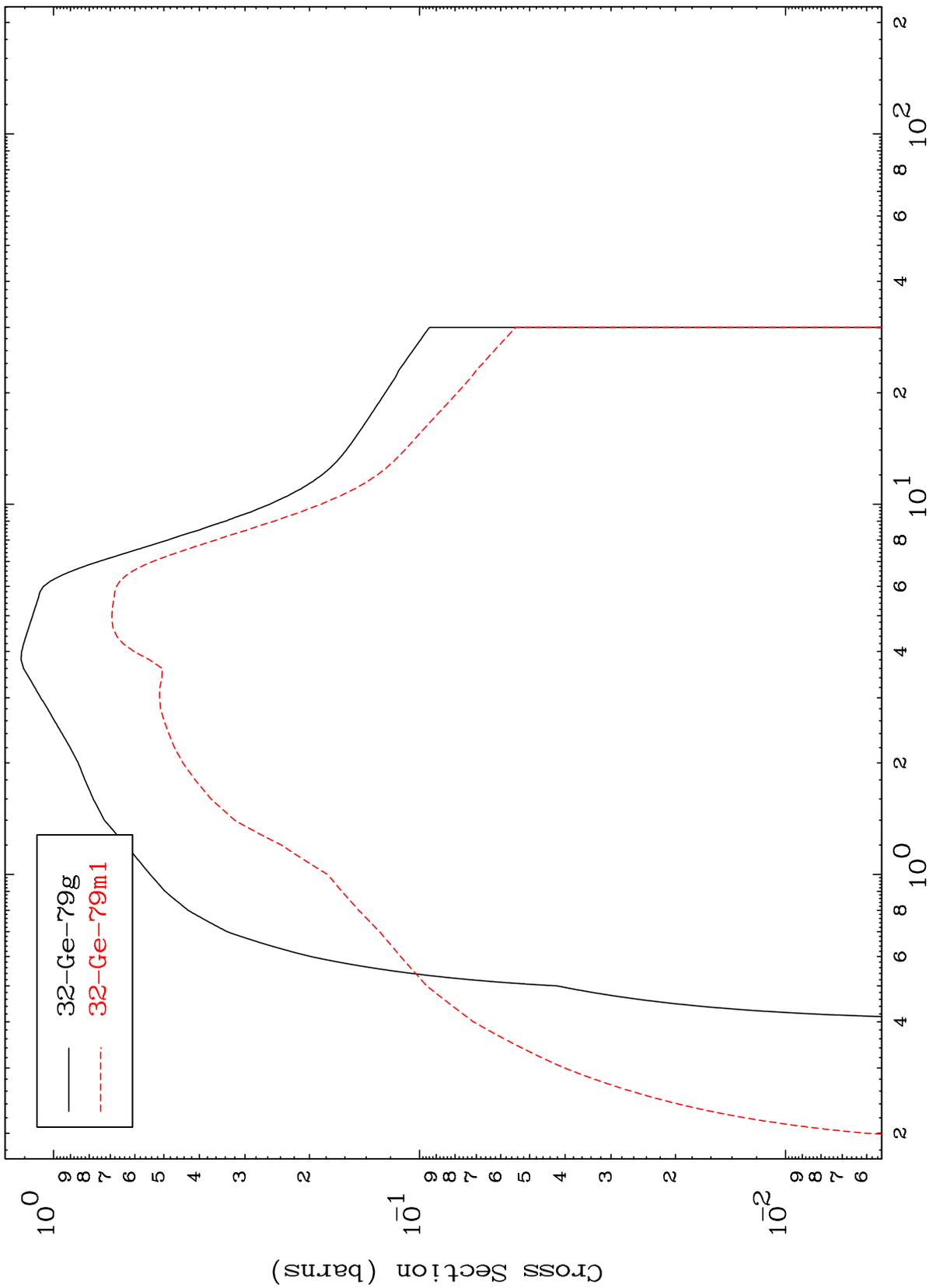
Incident Energy (MeV)

32-Ge-79

MAT 3252

³²Ge-79

Radionuclide Production Cross Section



— 32-Ge-79g
- - - 32-Ge-79m1

³²Ge-79

Incident Energy (MeV)

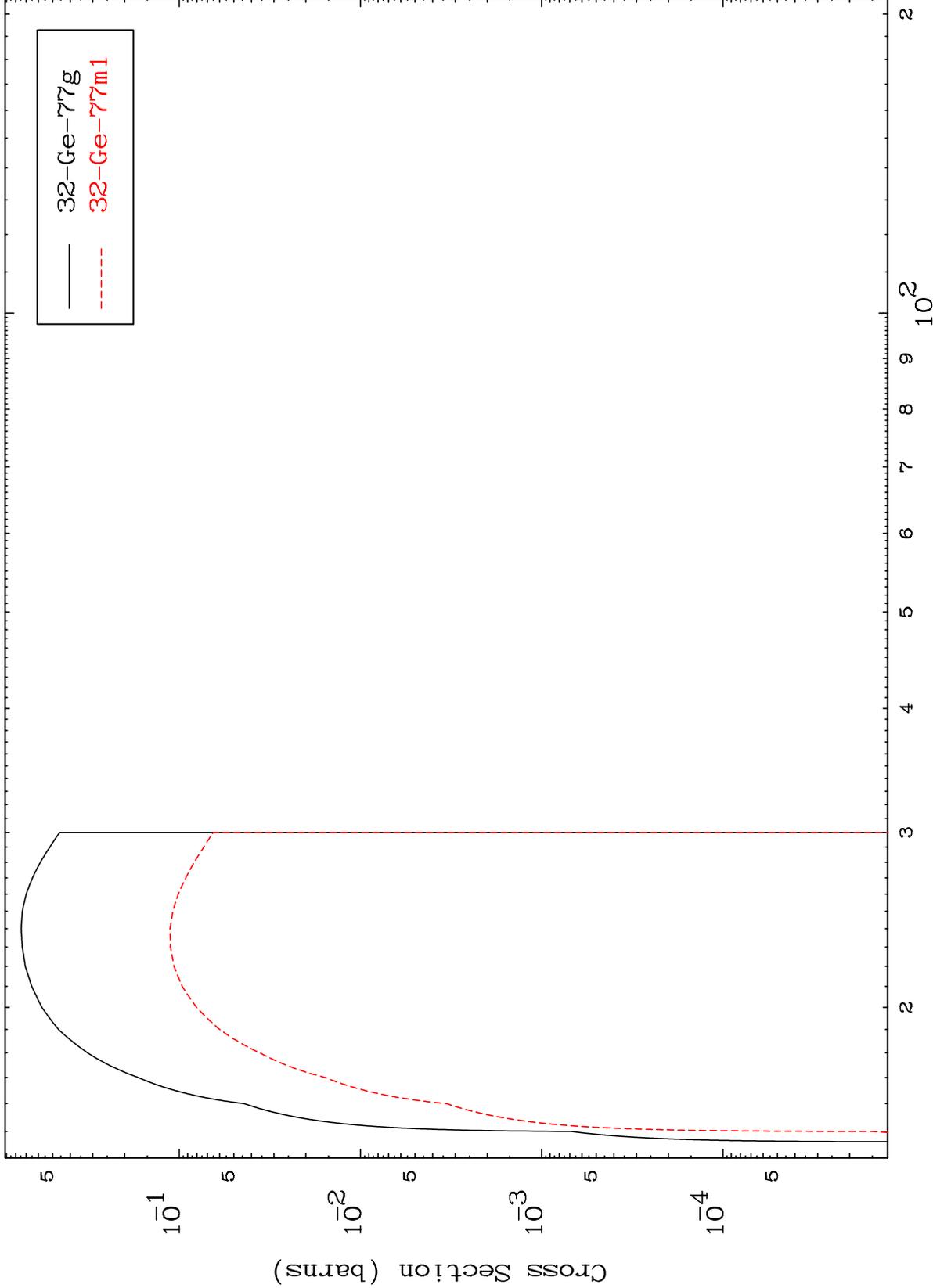
122

MAT 3252

(n,3n)

³²Ge-79

Radionuclide Production Cross Section



123

Incident Energy (MeV)

³²Ge-79

(n,He-3)
Radionuclide Production Cross Section

