

Program EVALPLOT
(Version 2018-1)

by

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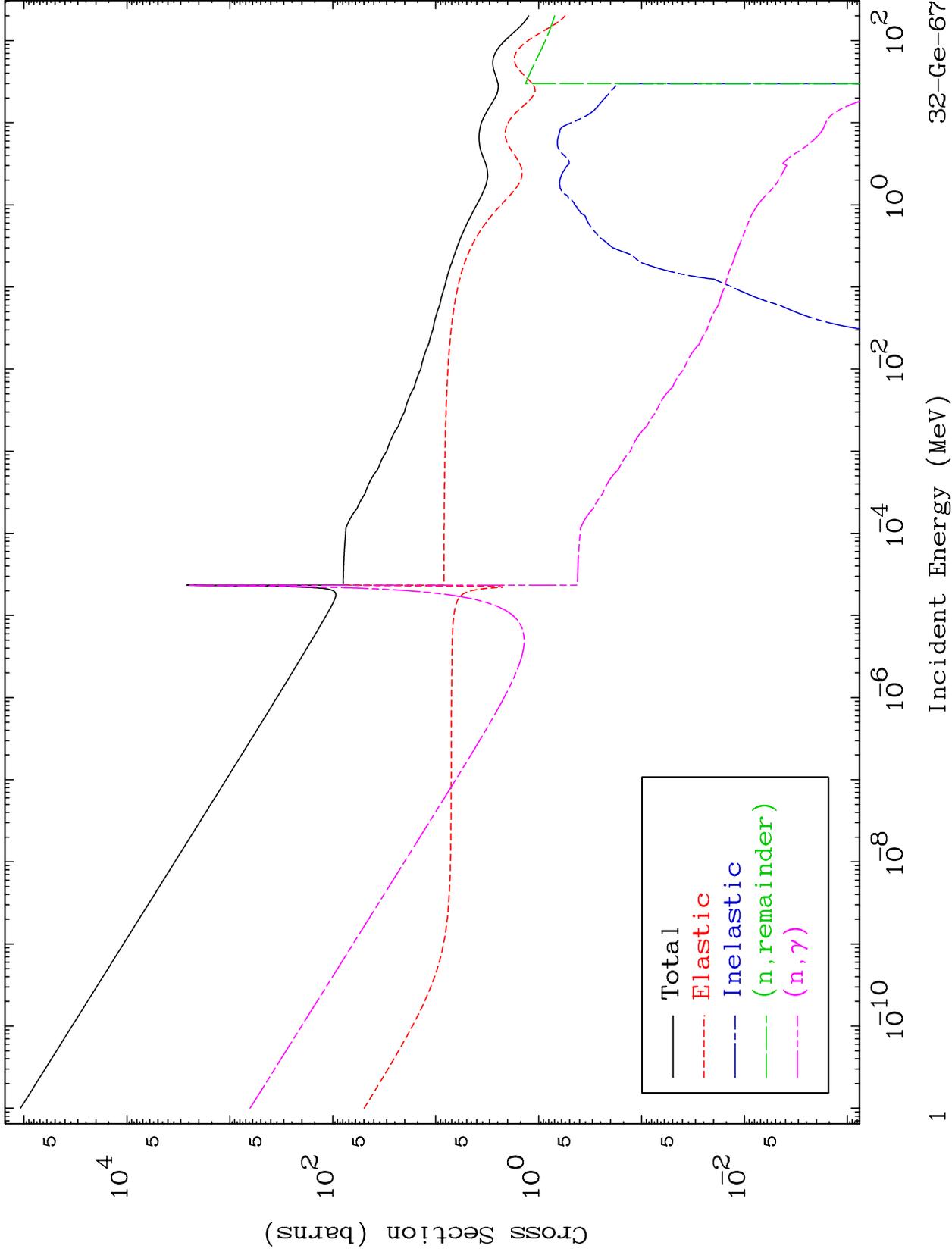
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Press Mouse Button to Start

MAT 3216

Major
293 Kelvin Cross Sections

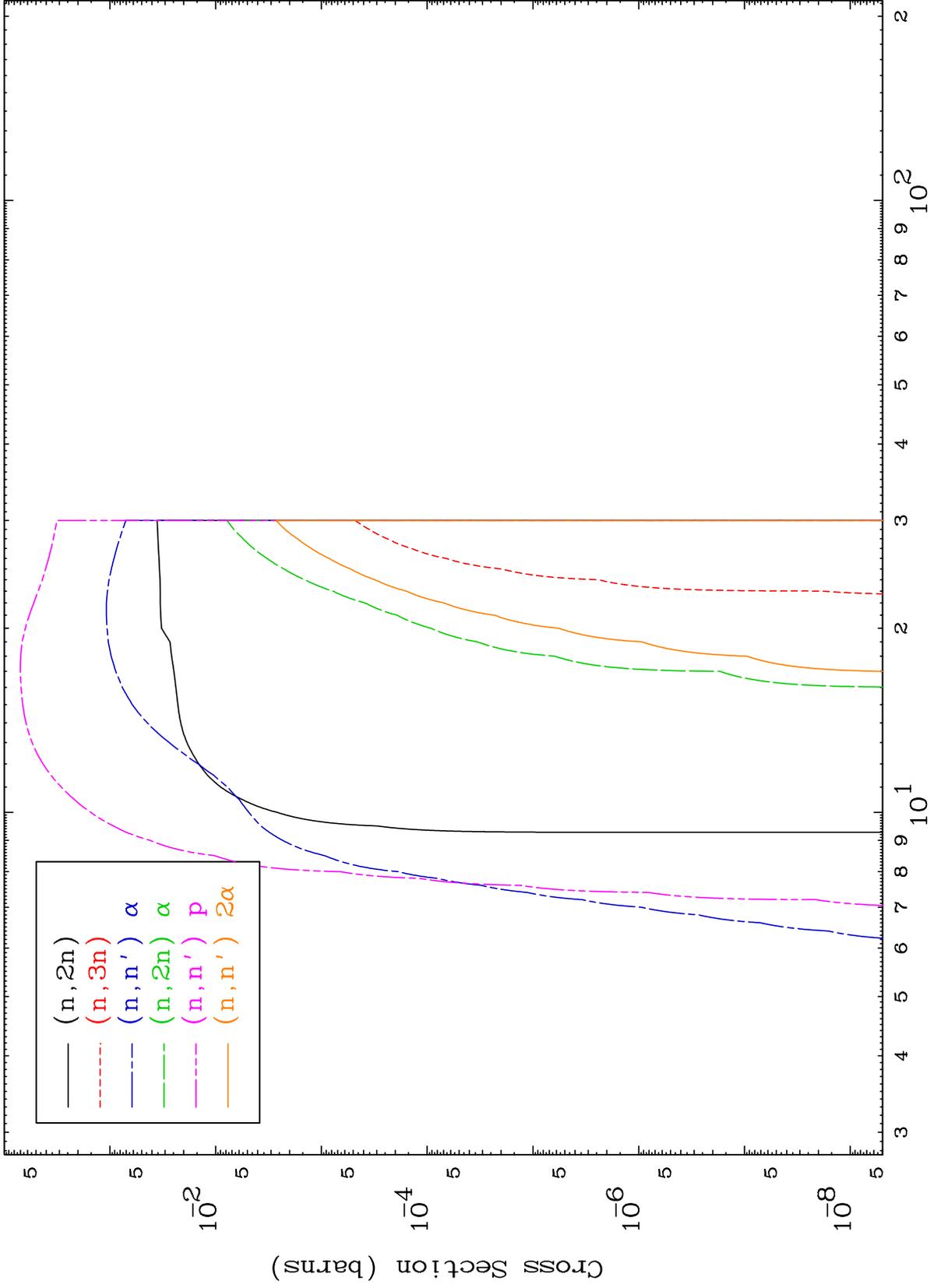
32-Ge-67



MAT 3216

Neutron Production
293 Kelvin Cross Sections

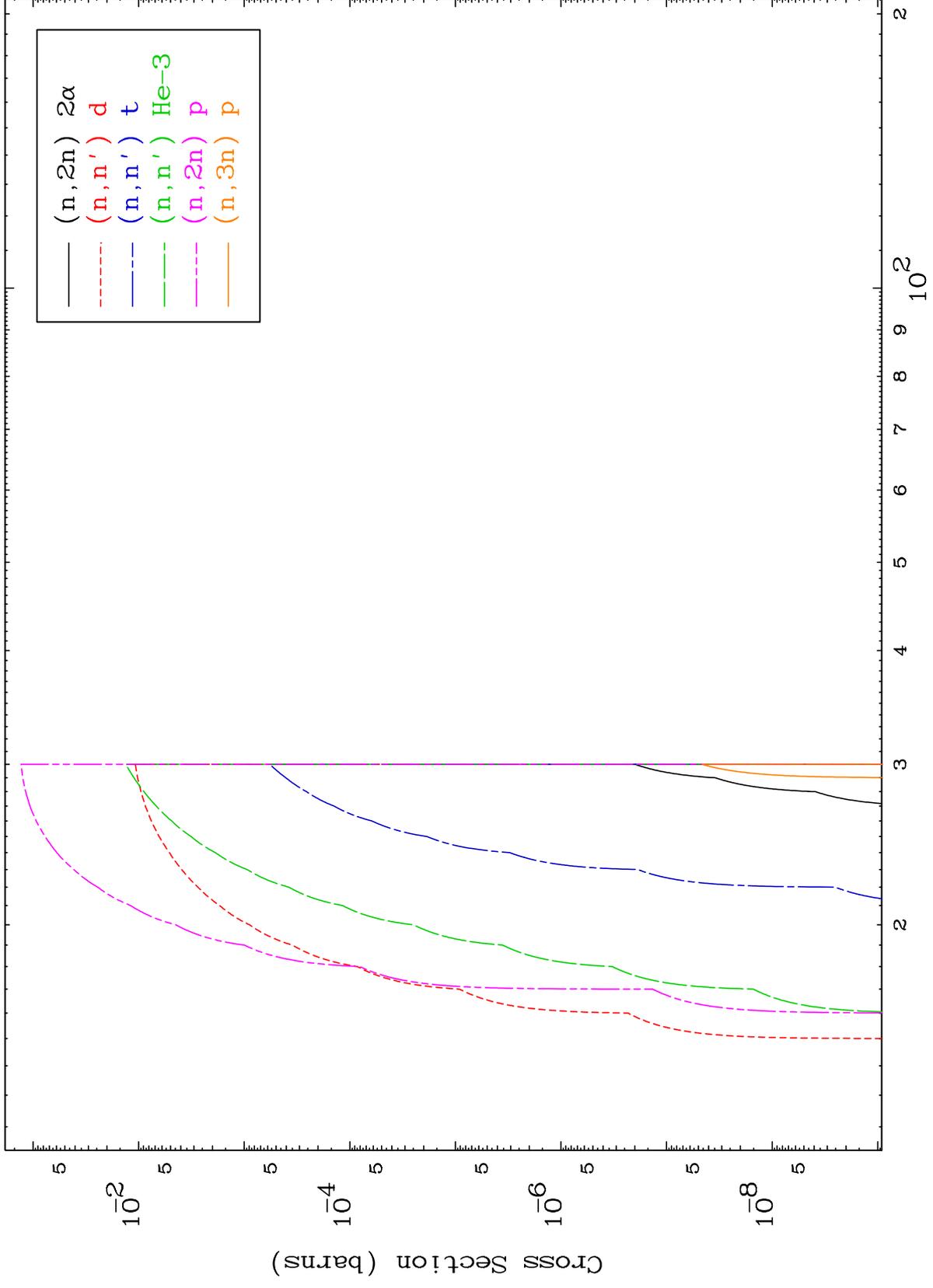
32-Ge-67



2

Incident Energy (MeV)

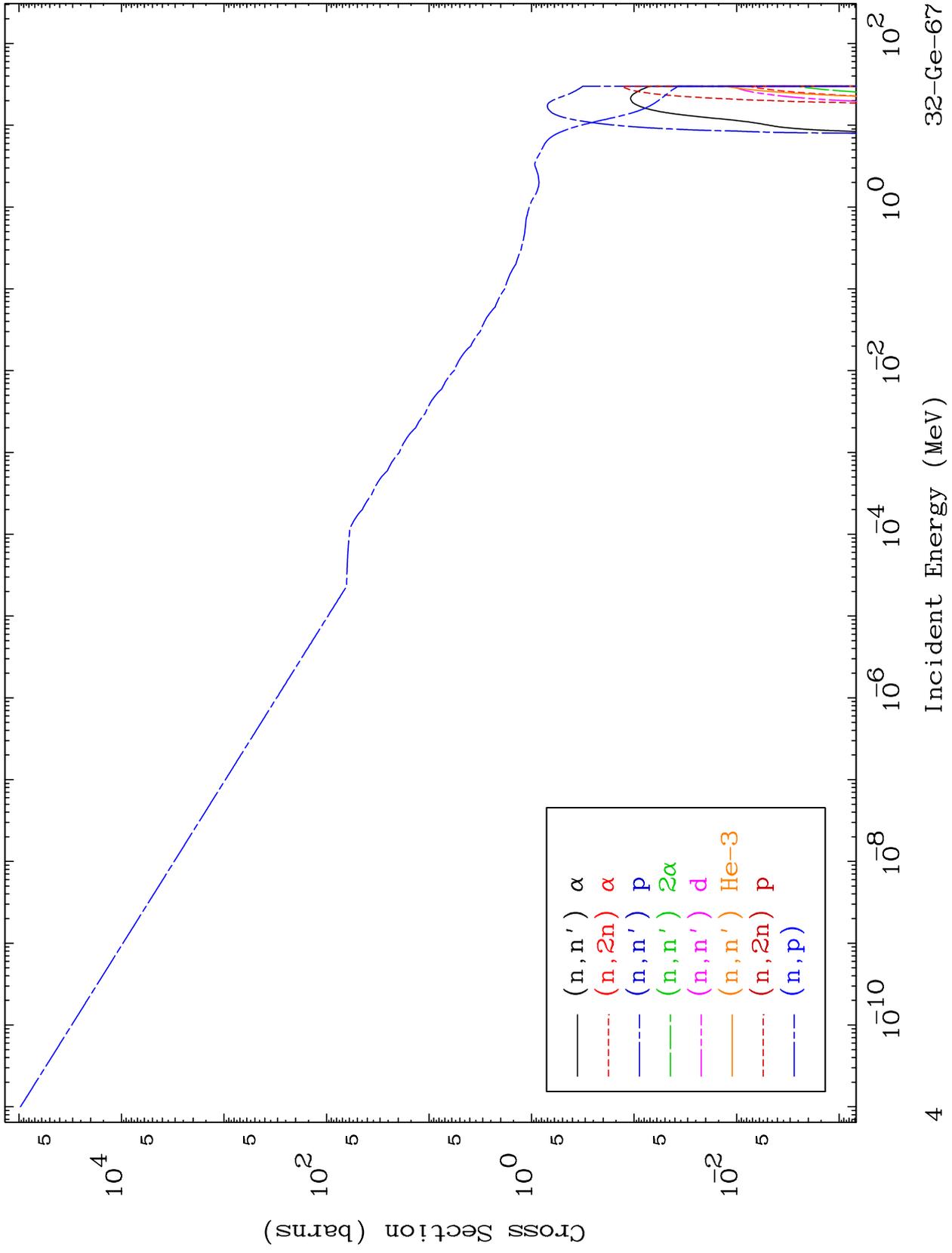
32-Ge-67



MAT 3216

Charged Particle
293 Kelvin Cross Sections

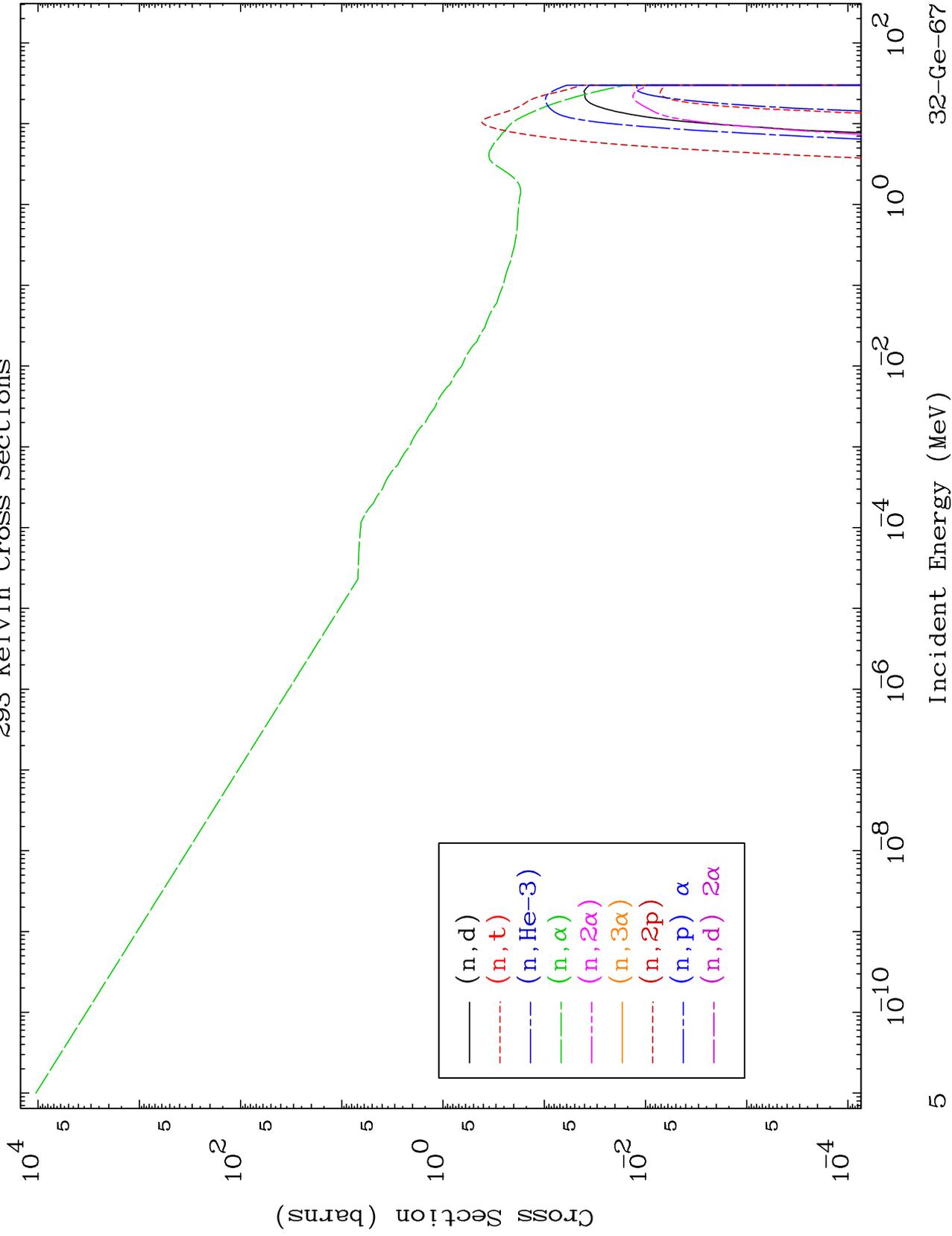
32-Ge-67



MAT 3216

Charged Particle
293 Kelvin Cross Sections

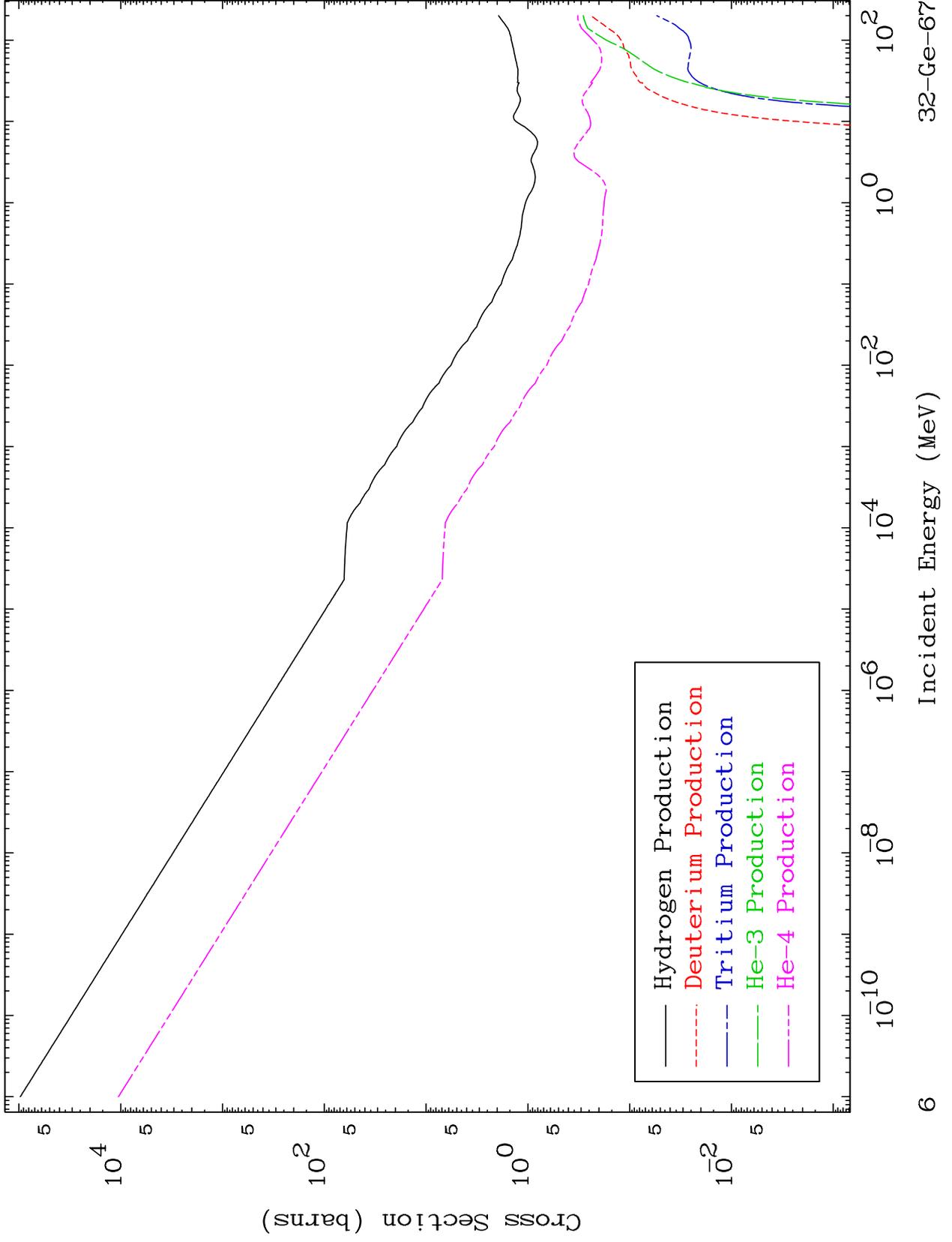
32-Ge-67



MAT 3216

Particle Production
293 Kelvin Cross Sections

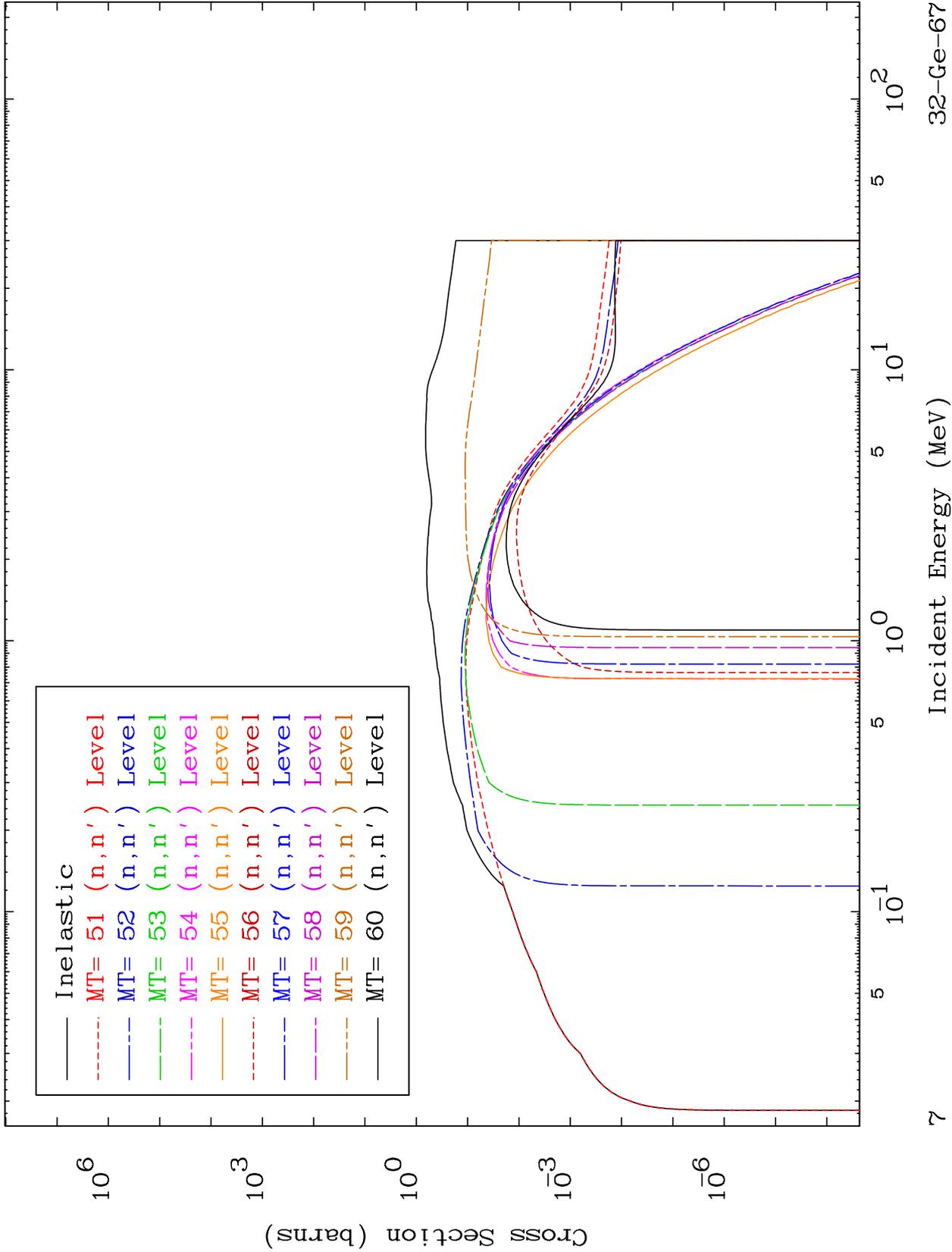
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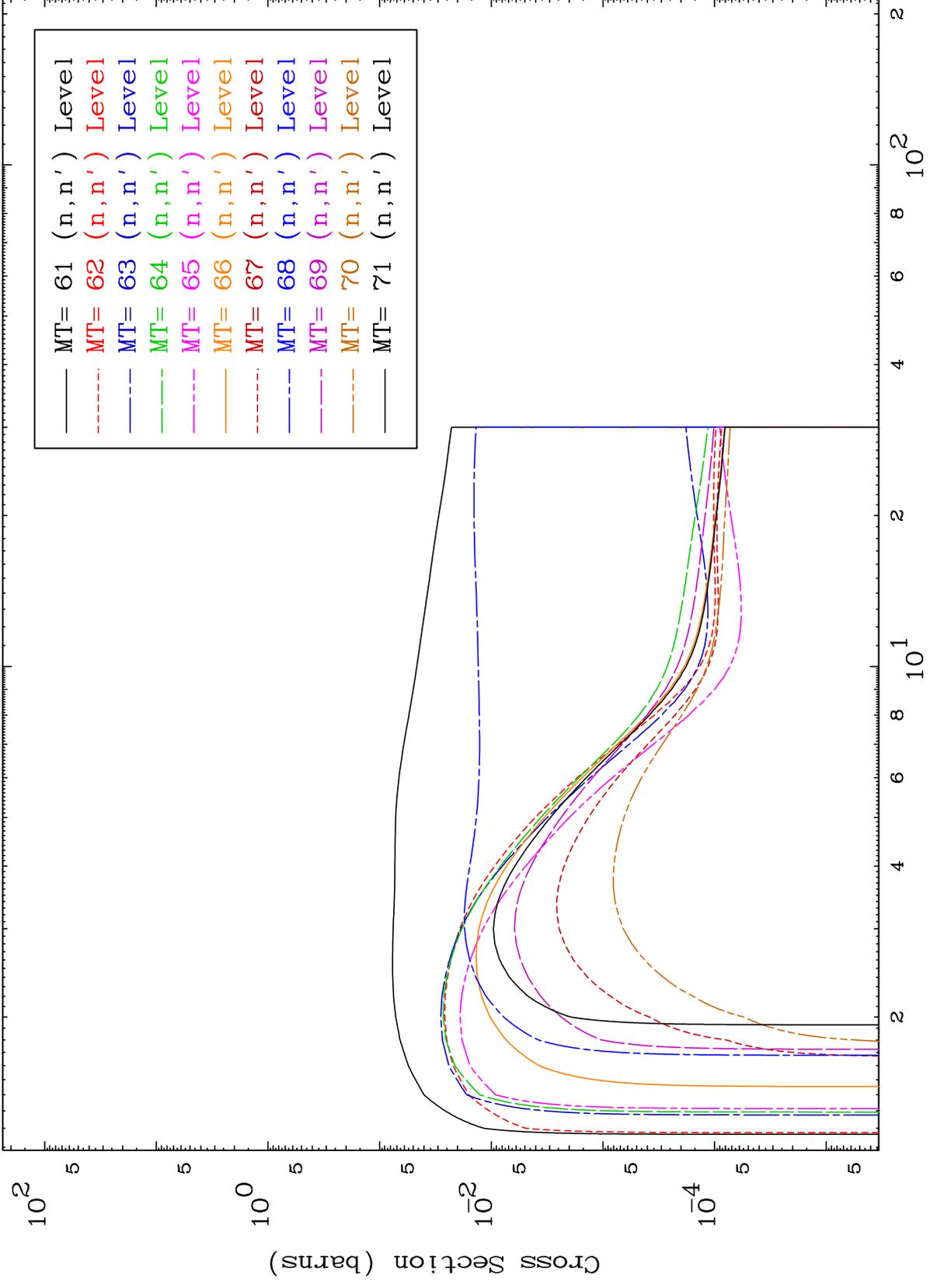
MAT 3216

(n,n') Level
293 Kelvin Cross Sections

32-Ge-67



293 Kelvin Cross Sections



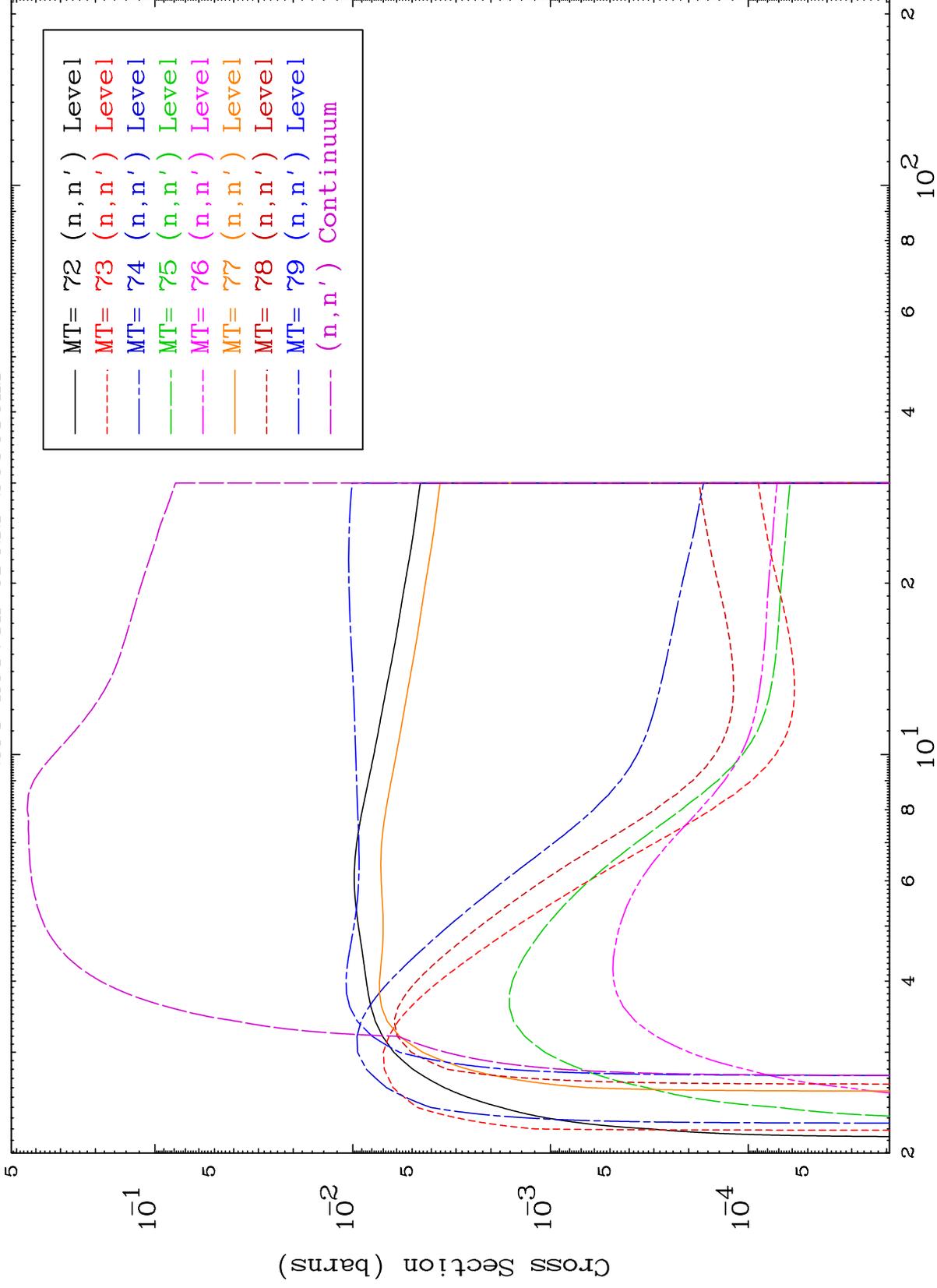
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Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dash-dot	63	(n, n')	Level
Dashed	64	(n, n')	Level
Dash-dot	65	(n, n')	Level
Solid	66	(n, n')	Level
Dashed	67	(n, n')	Level
Dash-dot	68	(n, n')	Level
Dashed	69	(n, n')	Level
Dash-dot	70	(n, n')	Level
Solid	71	(n, n')	Level

MAT 3216

(n,n') Level

32-Ge-67

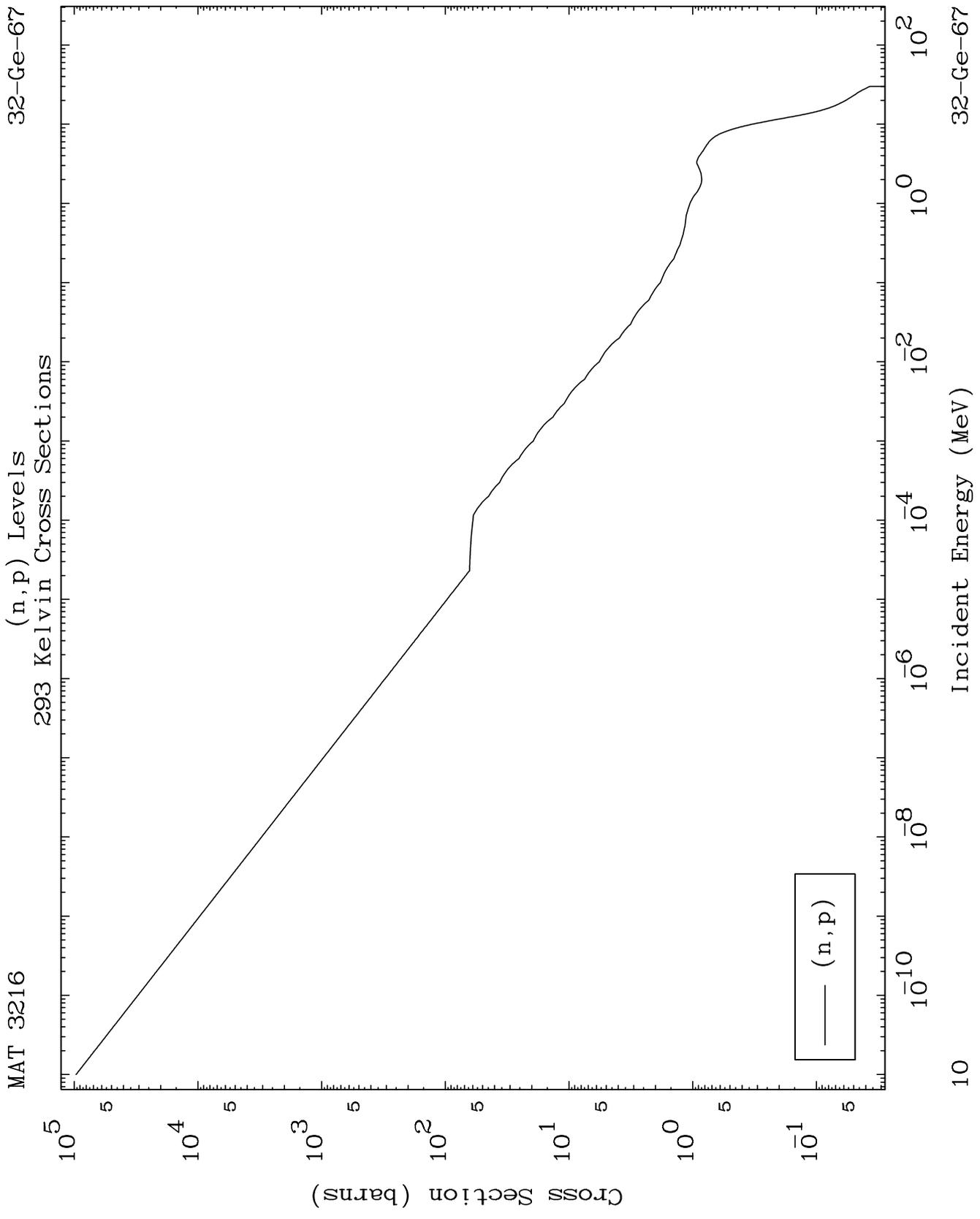
293 Kelvin Cross Sections



9

Incident Energy (MeV)

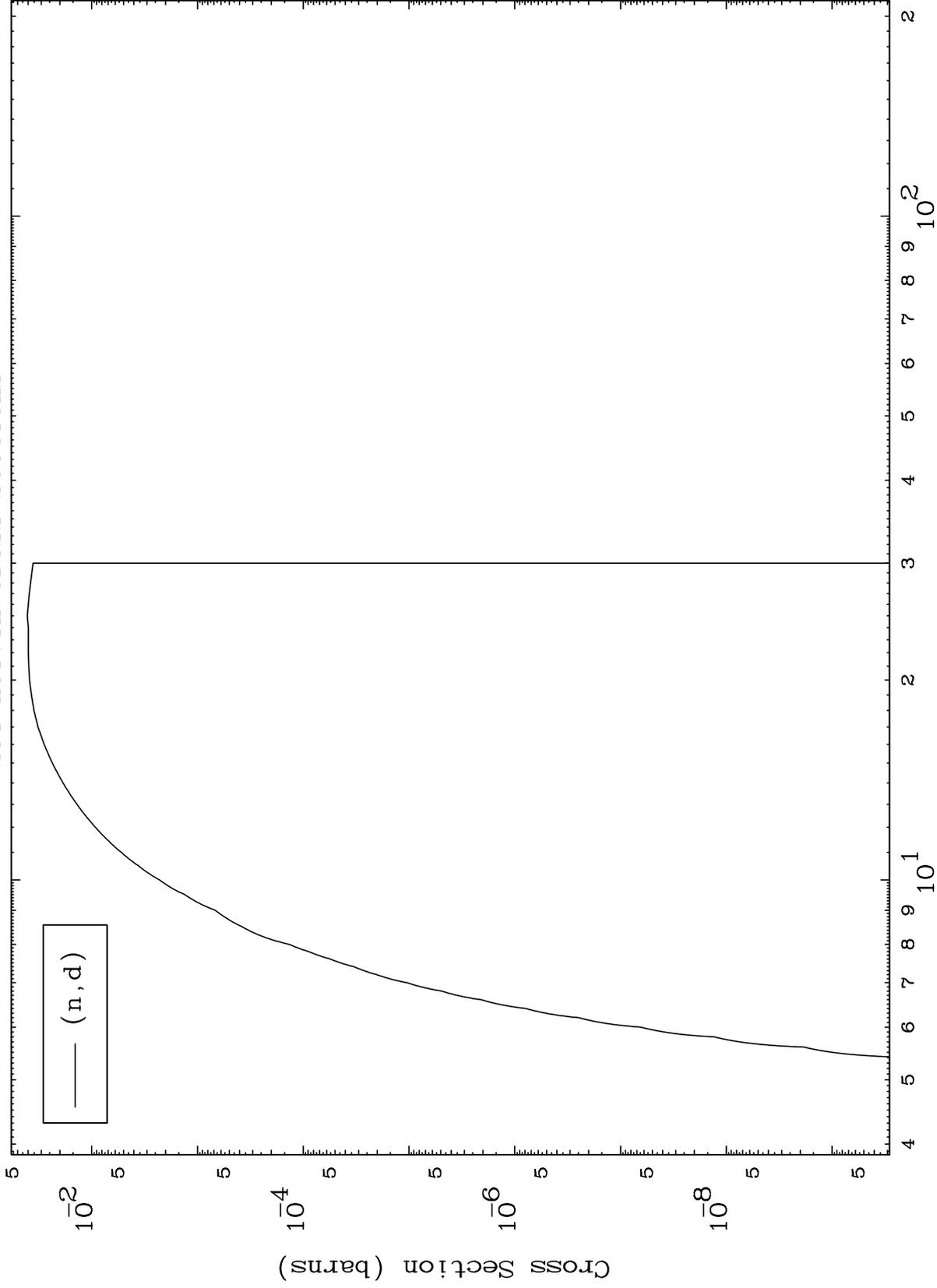
32-Ge-67



MAT 3216

(n,d) Levels
293 Kelvin Cross Sections

³²Ge-67



11

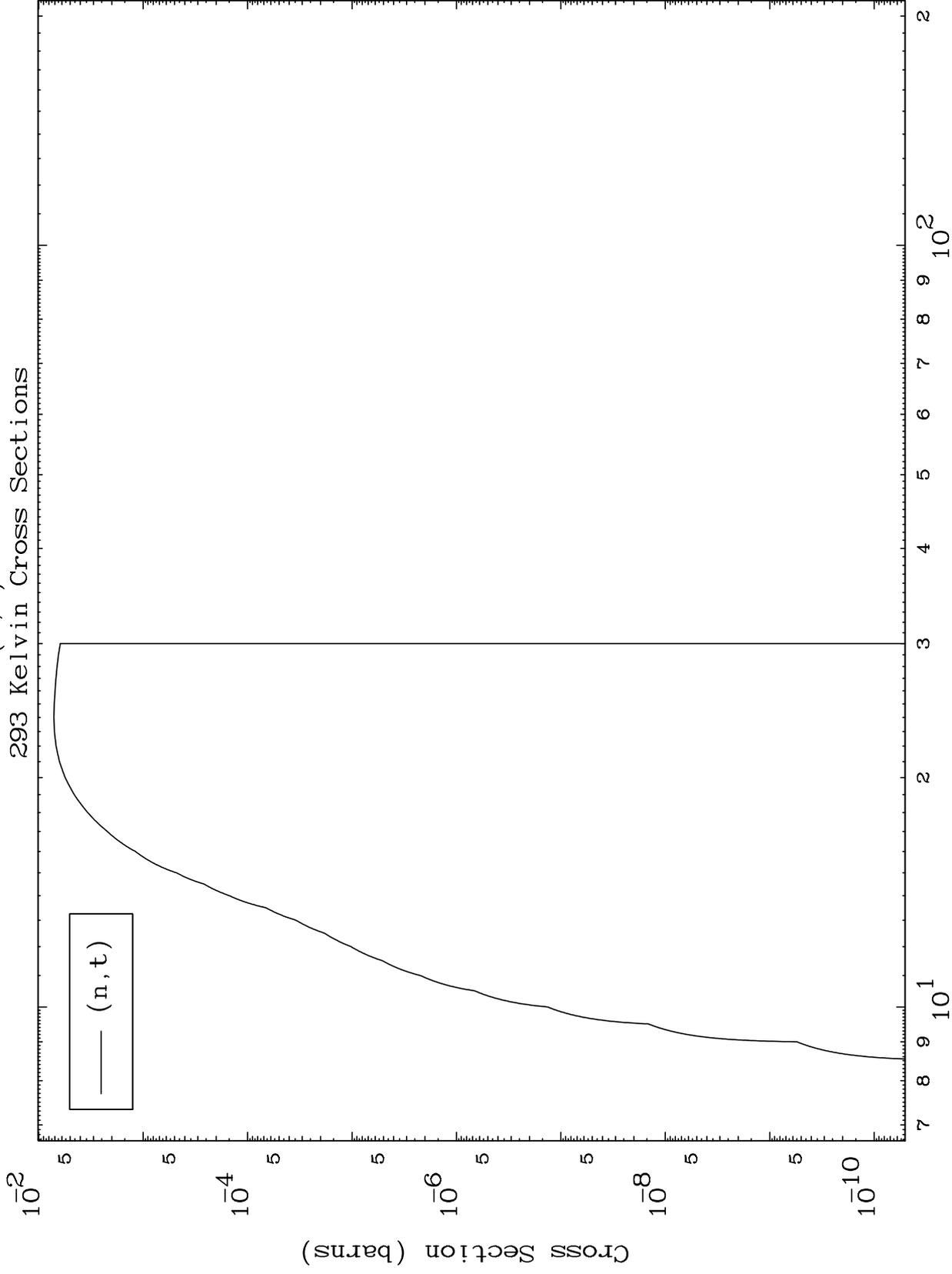
Incident Energy (MeV)

³²Ge-67

MAT 3216

(n,t) Levels
293 Kelvin Cross Sections

32-Ge-67



12

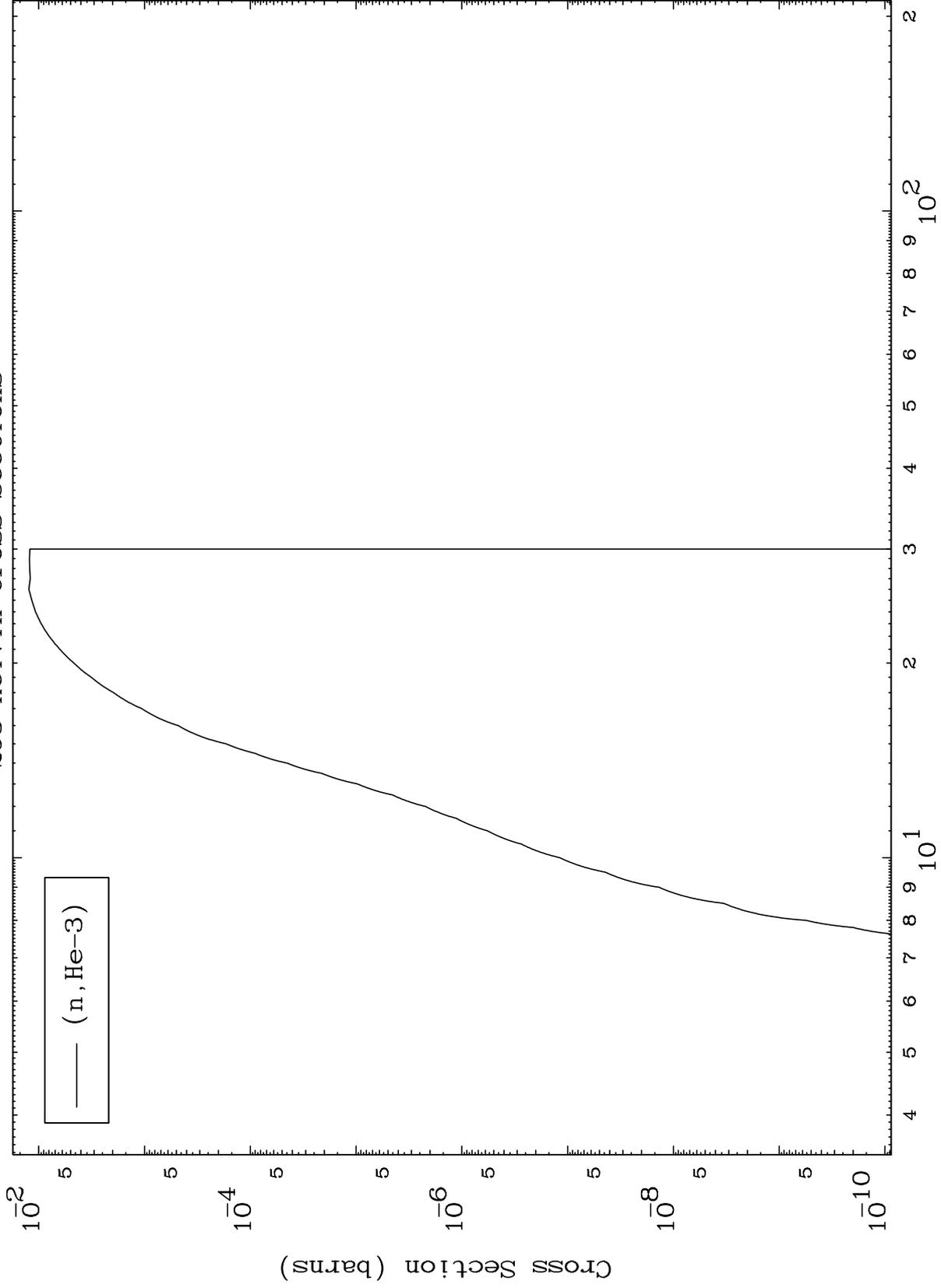
Incident Energy (MeV)

32-Ge-67

MAT 3216

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-67



13

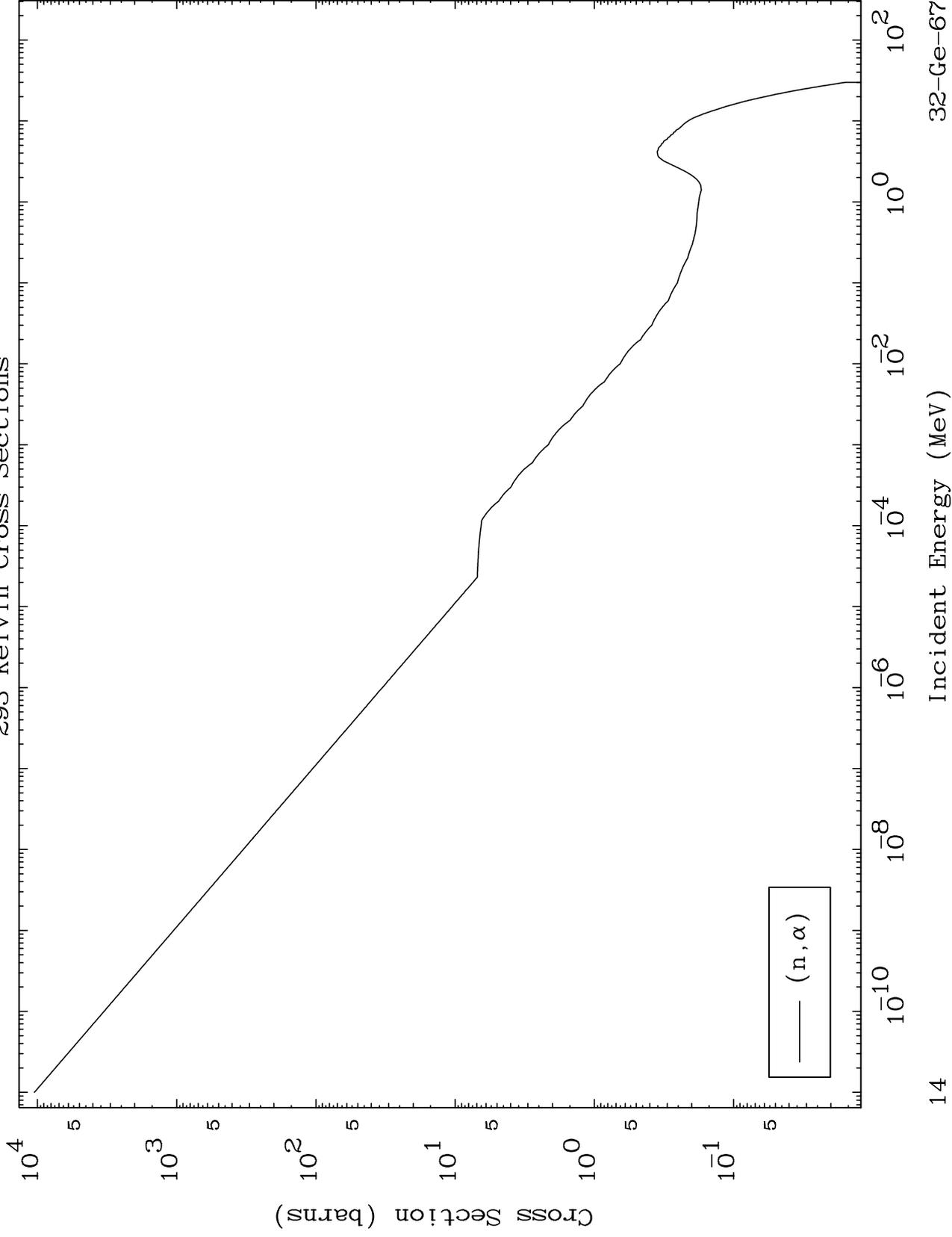
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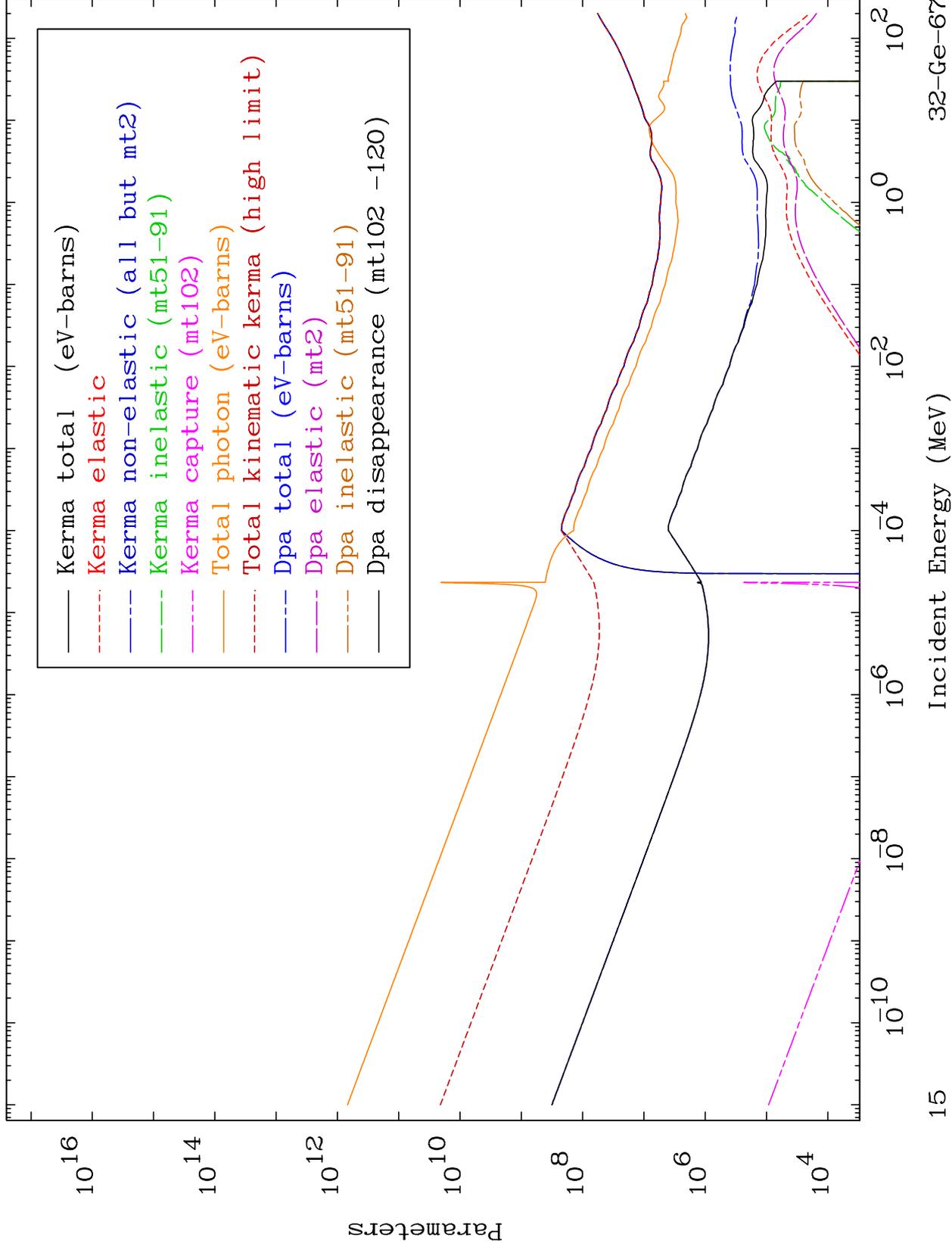
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MAT 3216

(n,α) Levels
293 Kelvin Cross Sections

32-Ge-67

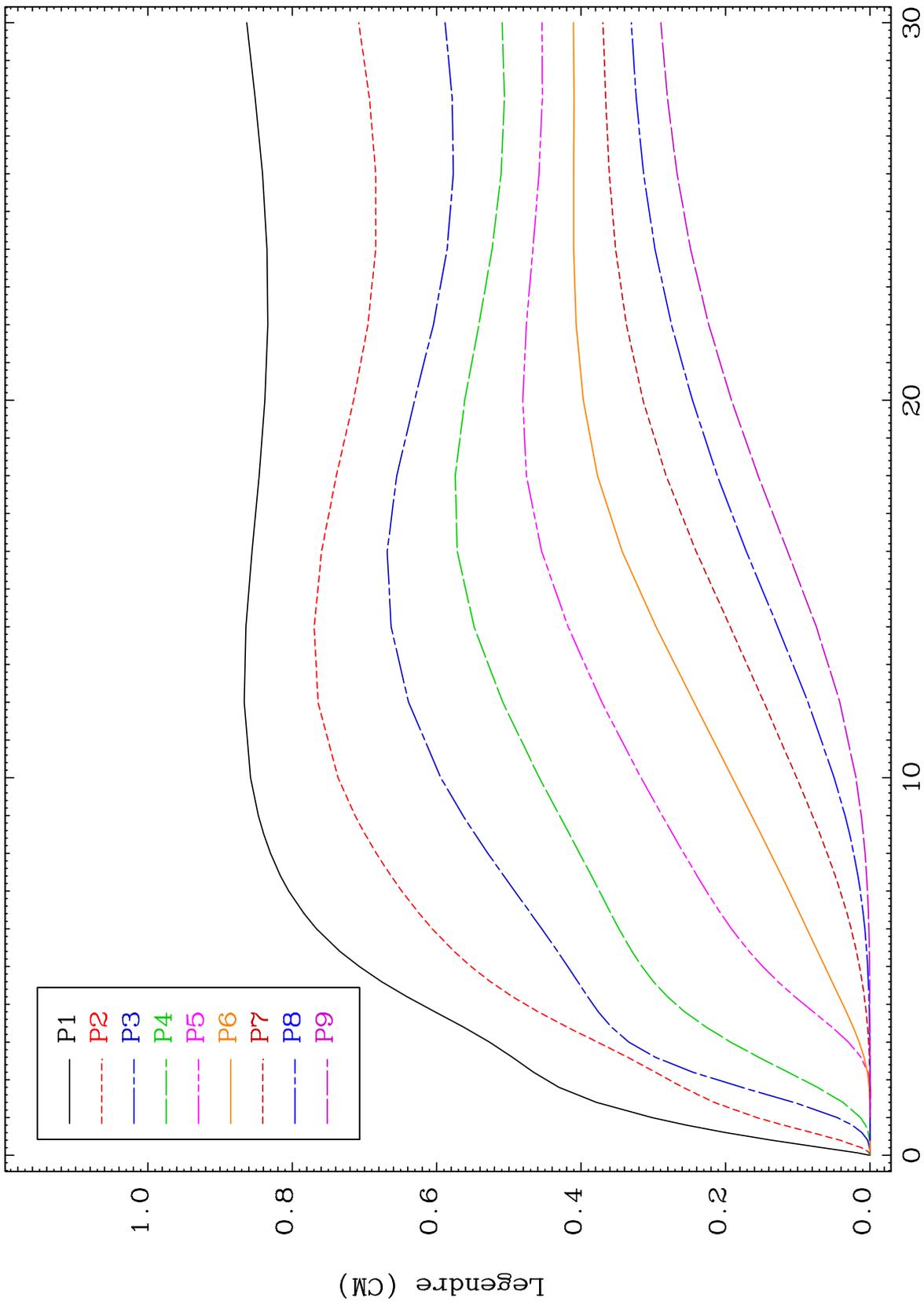




MAT 3216

Elastic Legendre Coefficients

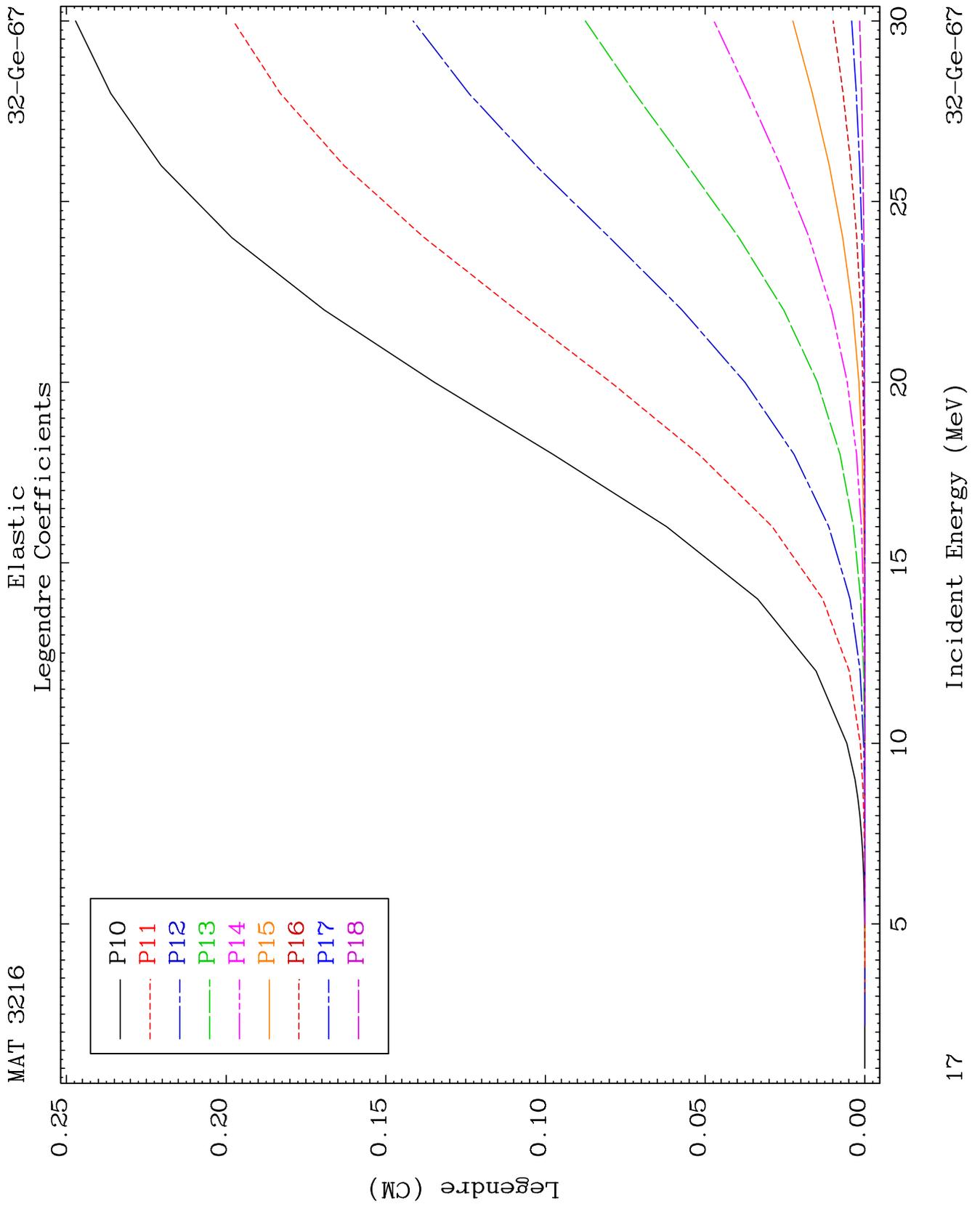
³²Ge-67



16

Incident Energy (MeV)

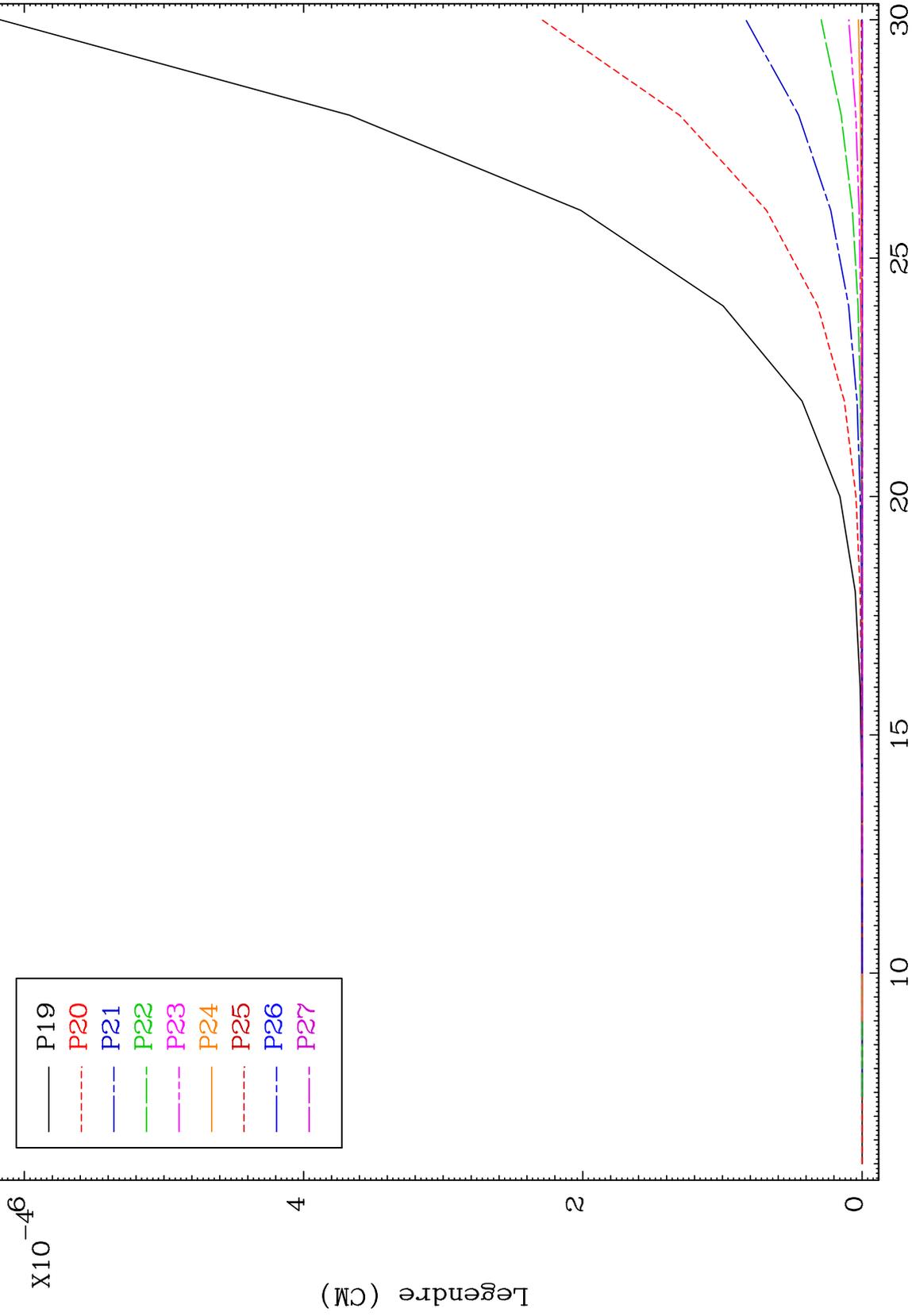
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MAT 3216

Elastic Legendre Coefficients

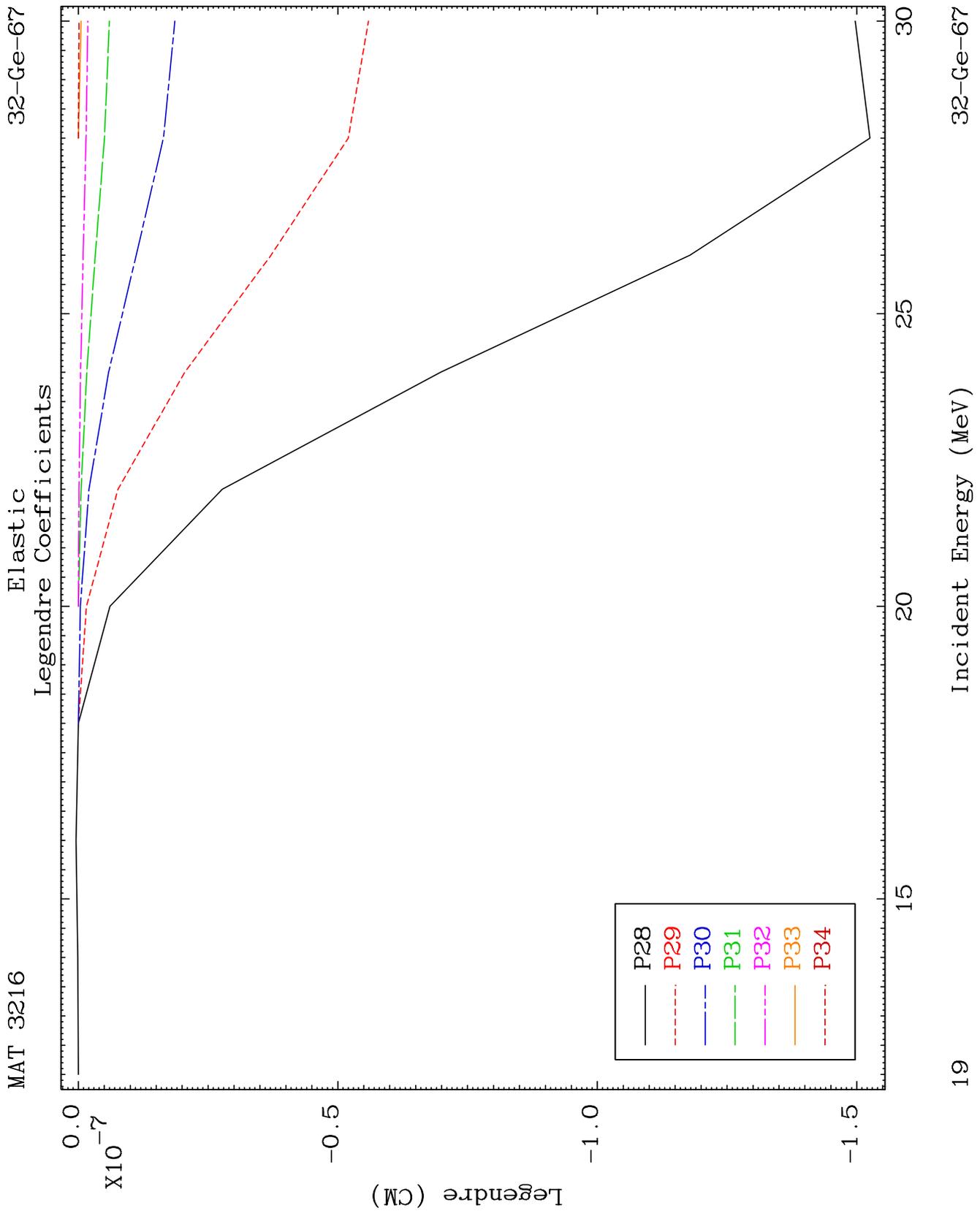
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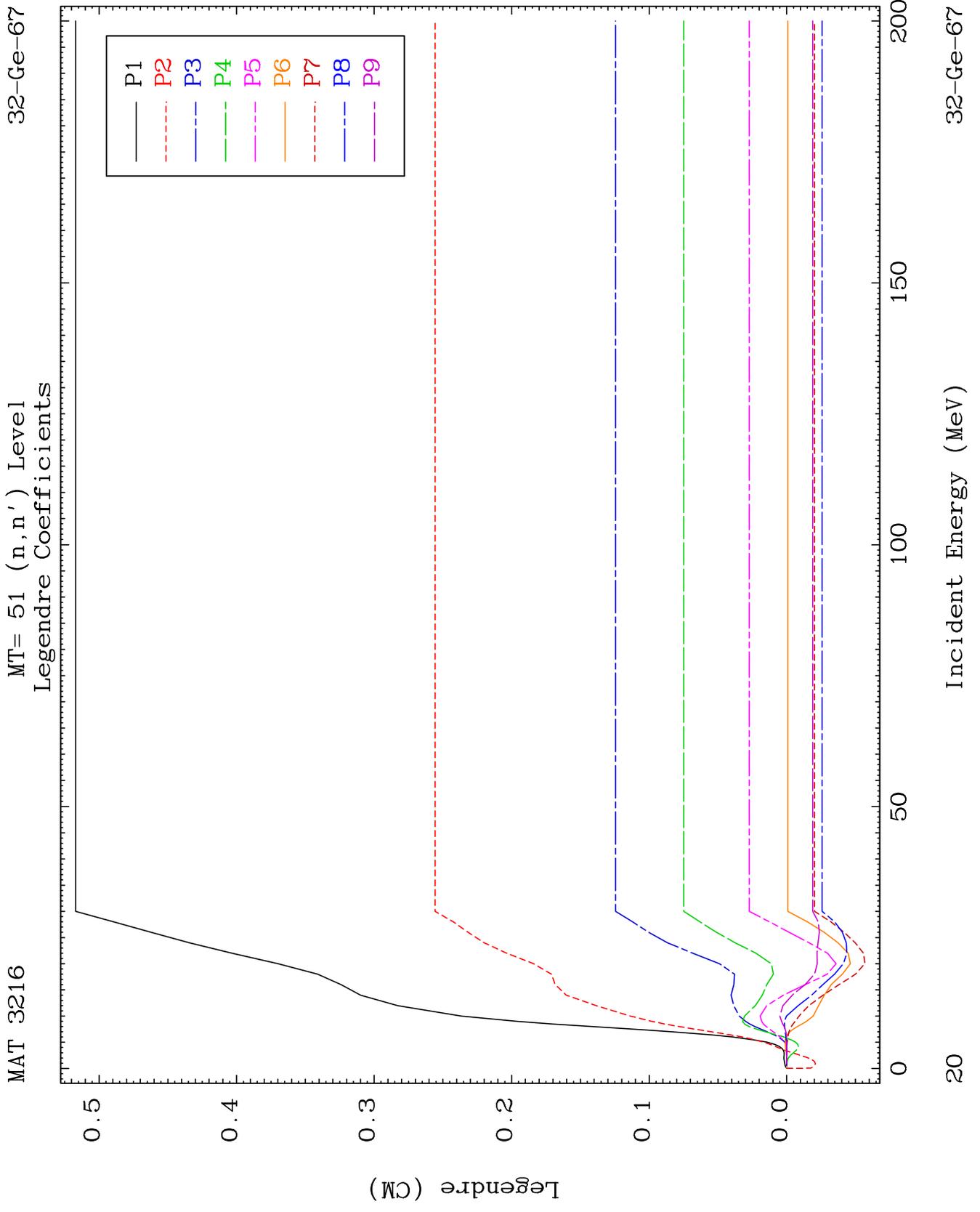


18

Incident Energy (MeV)

³²Ge-67

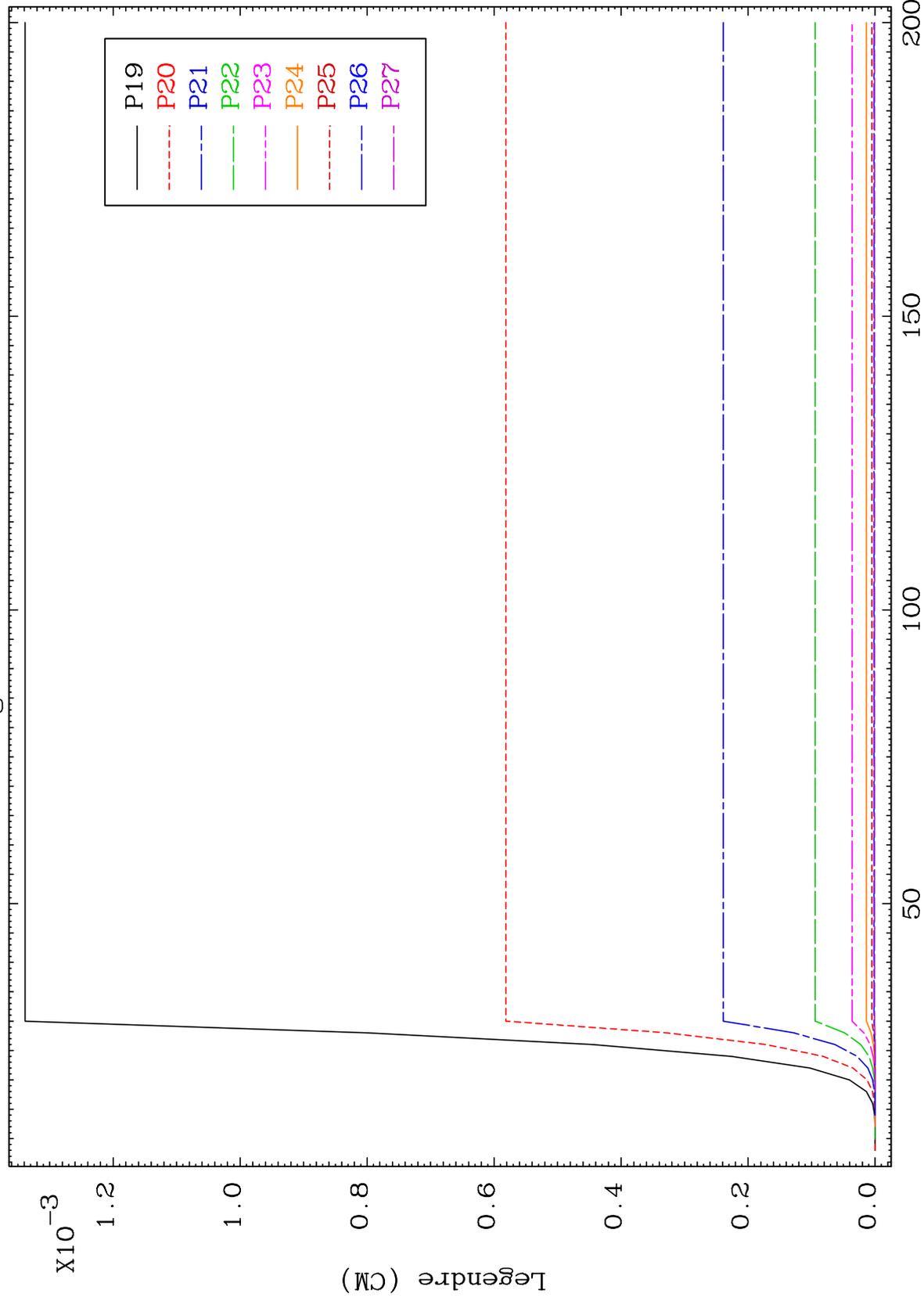




MAT 3216

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

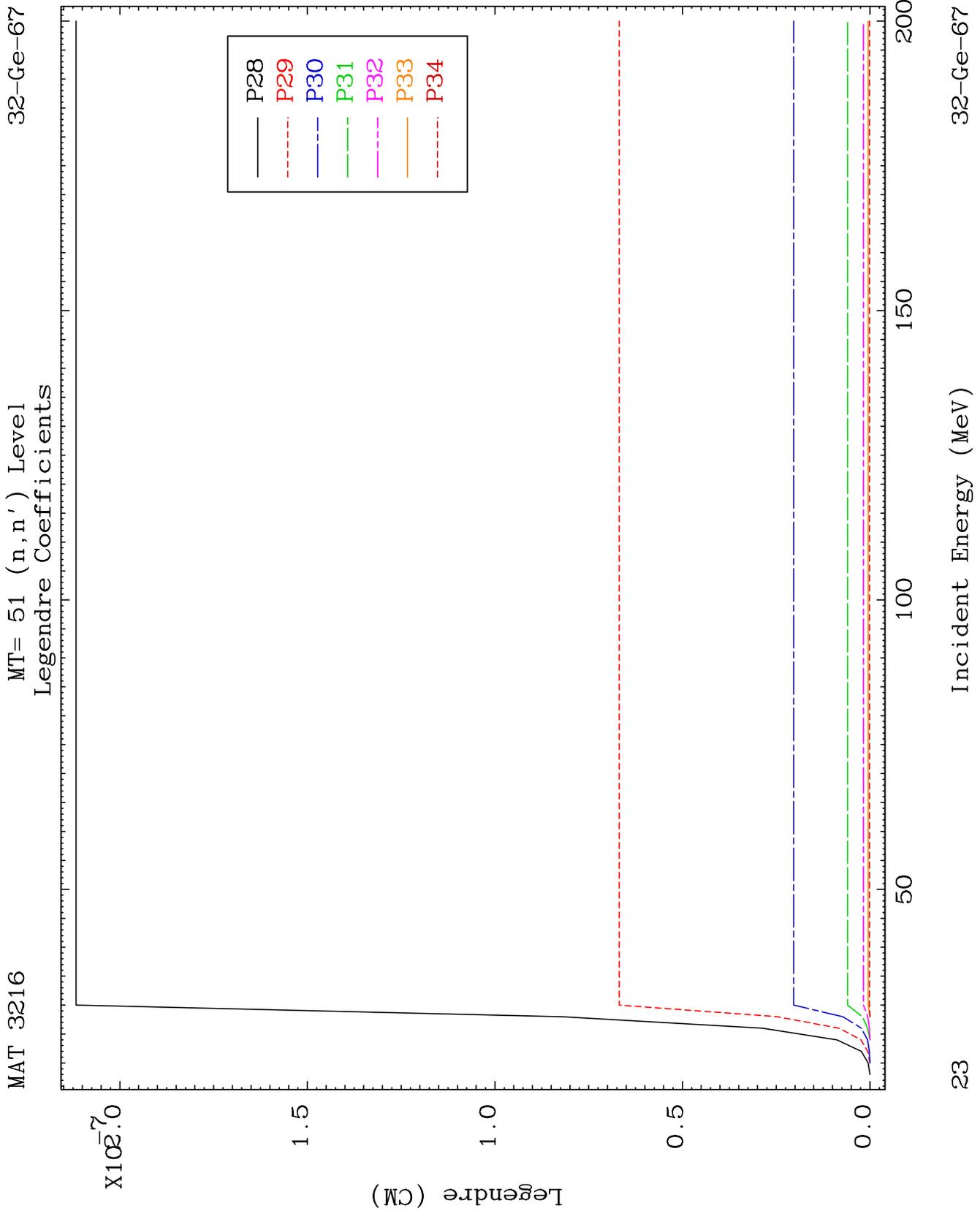
32-Ge-67



22

Incident Energy (MeV)

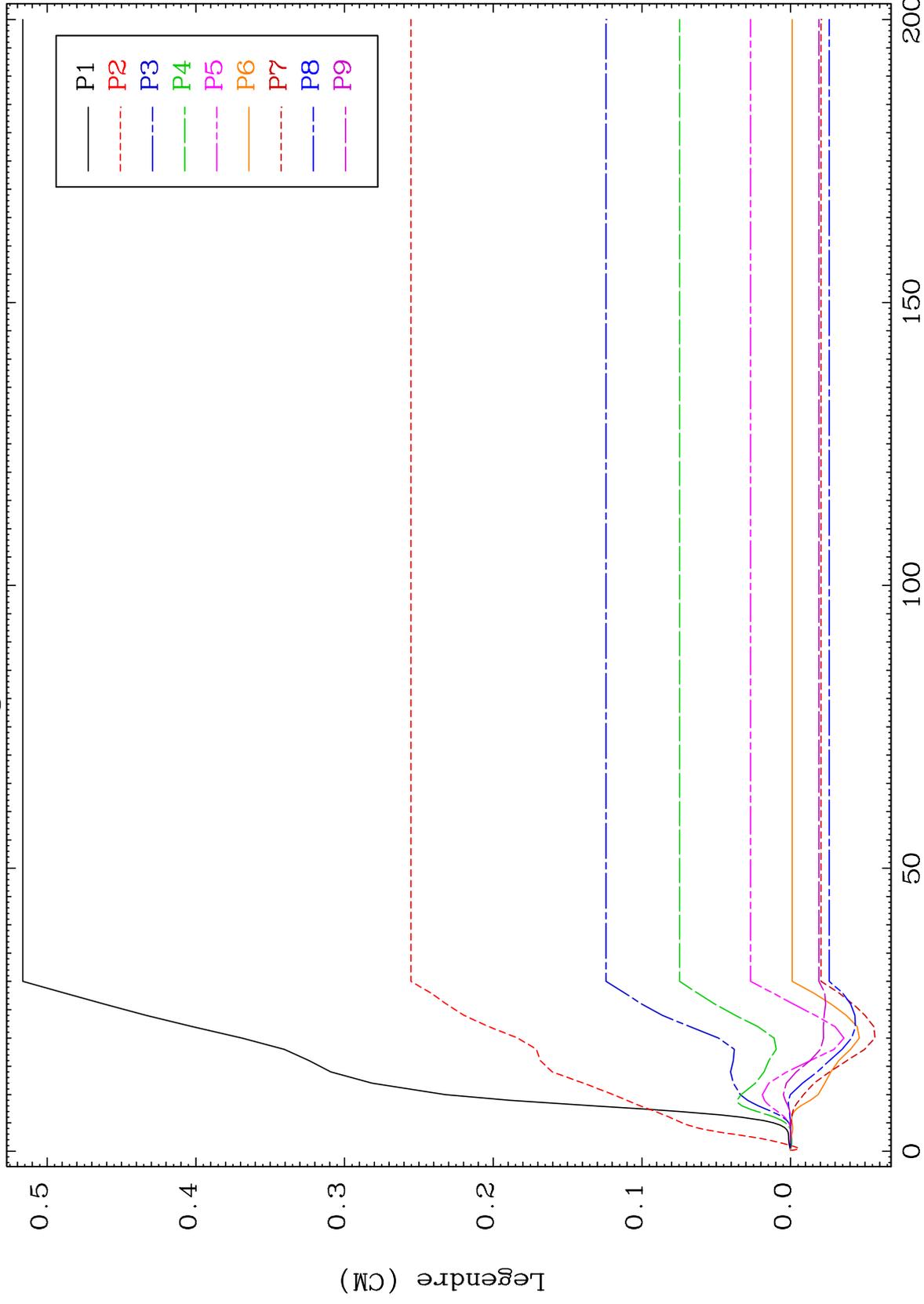
32-Ge-67



MAT 3216

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

32-Ge-67



24

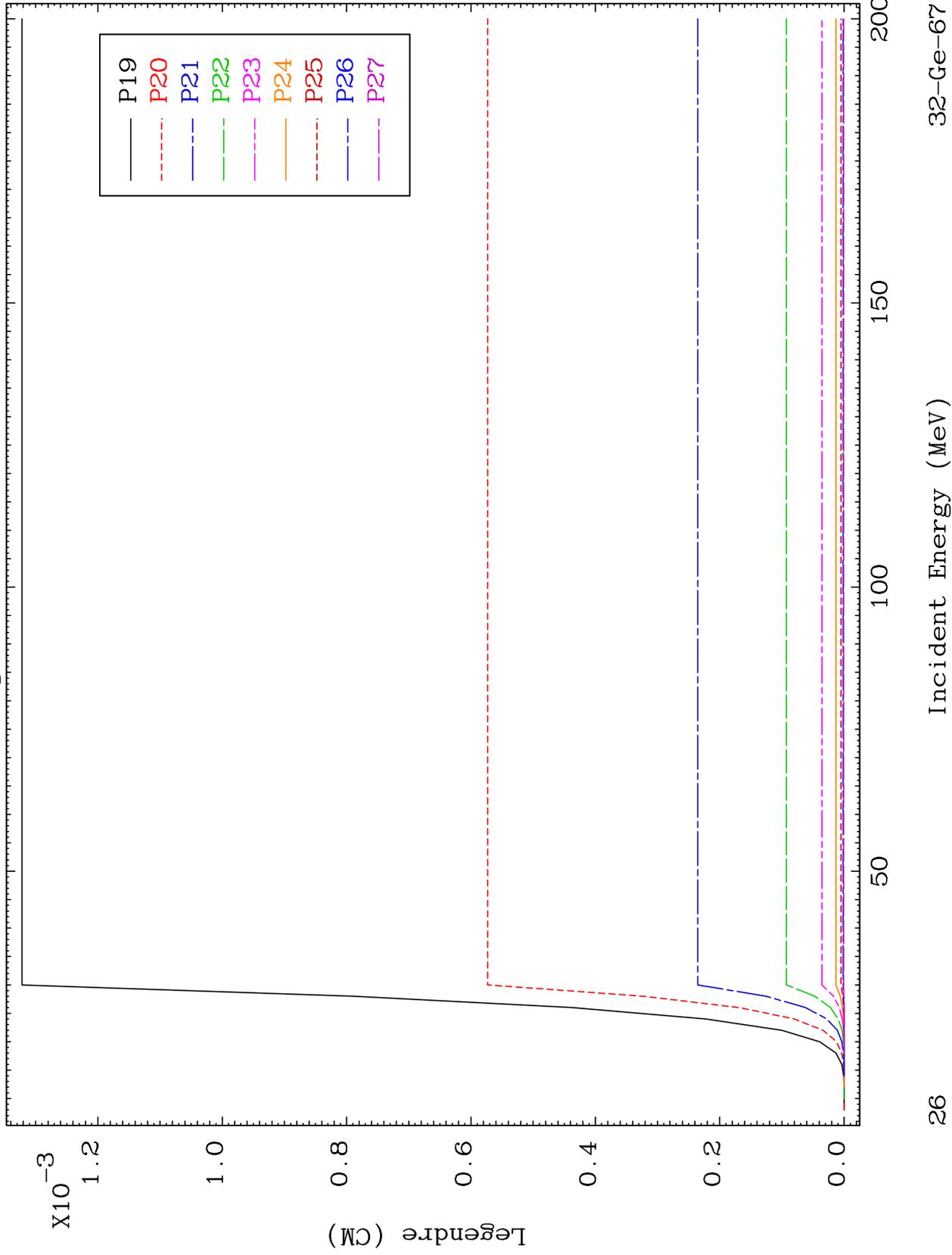
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

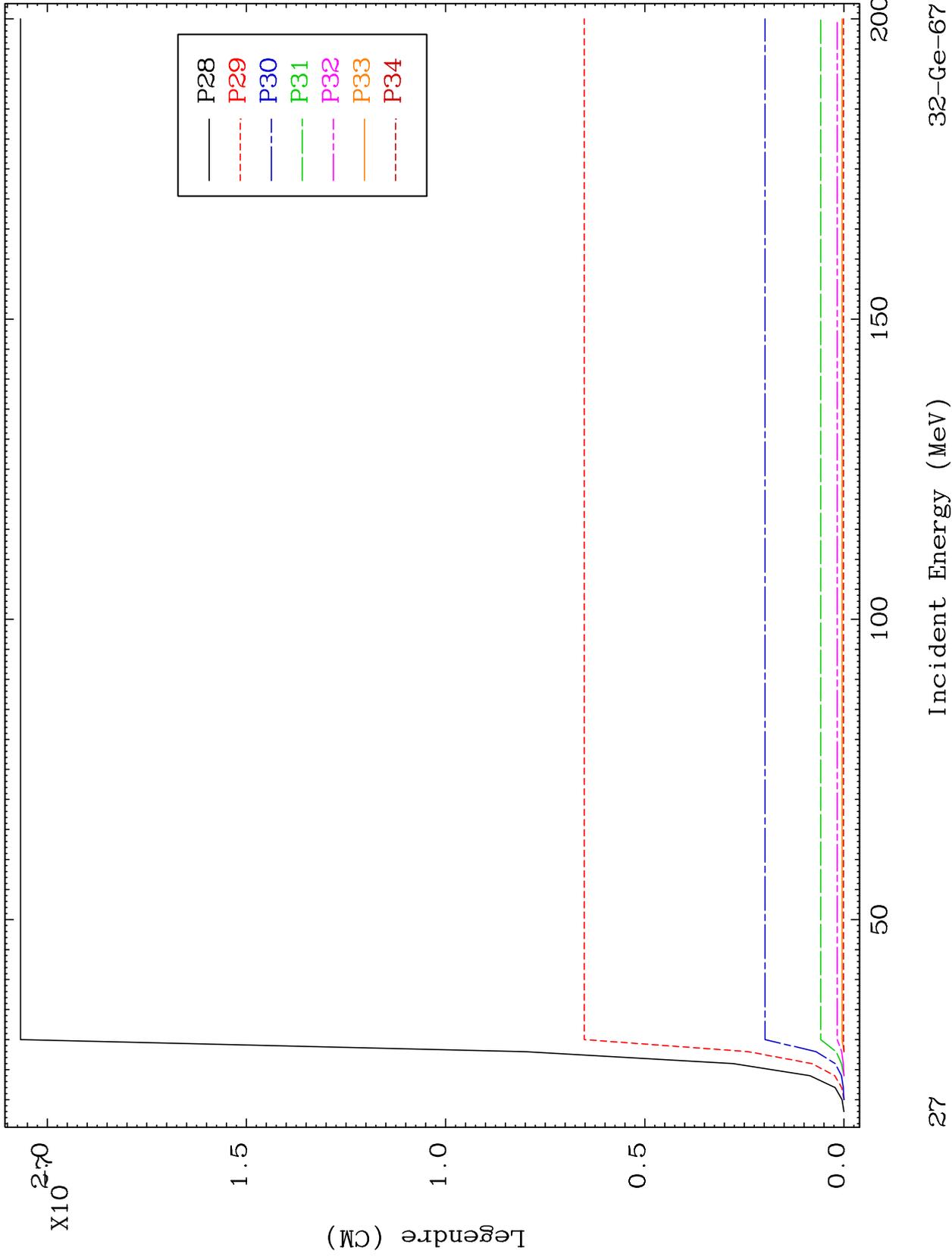
32-Ge-67



MAT 3216

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

32-Ge-67



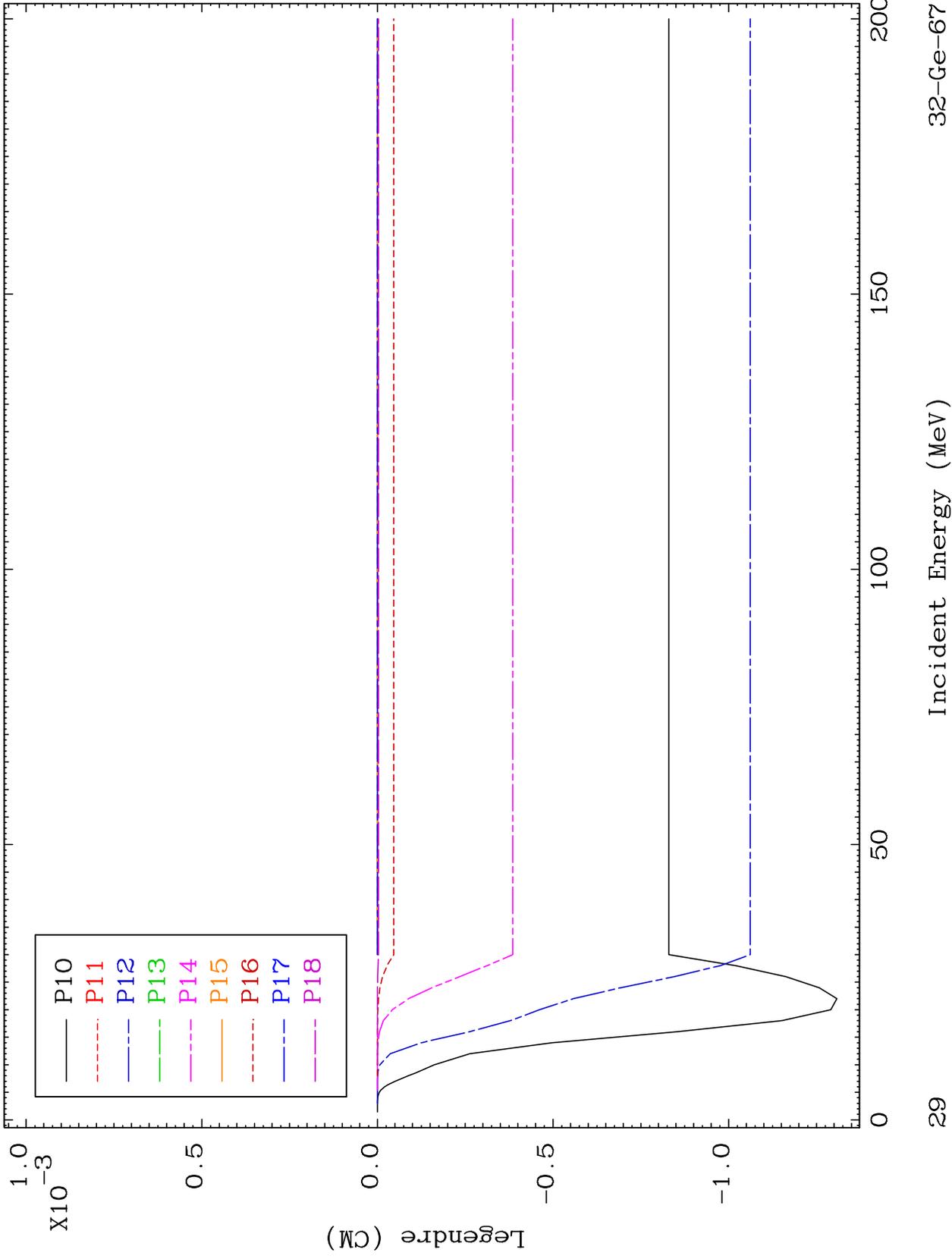
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32-Ge-67

MAT 3216

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

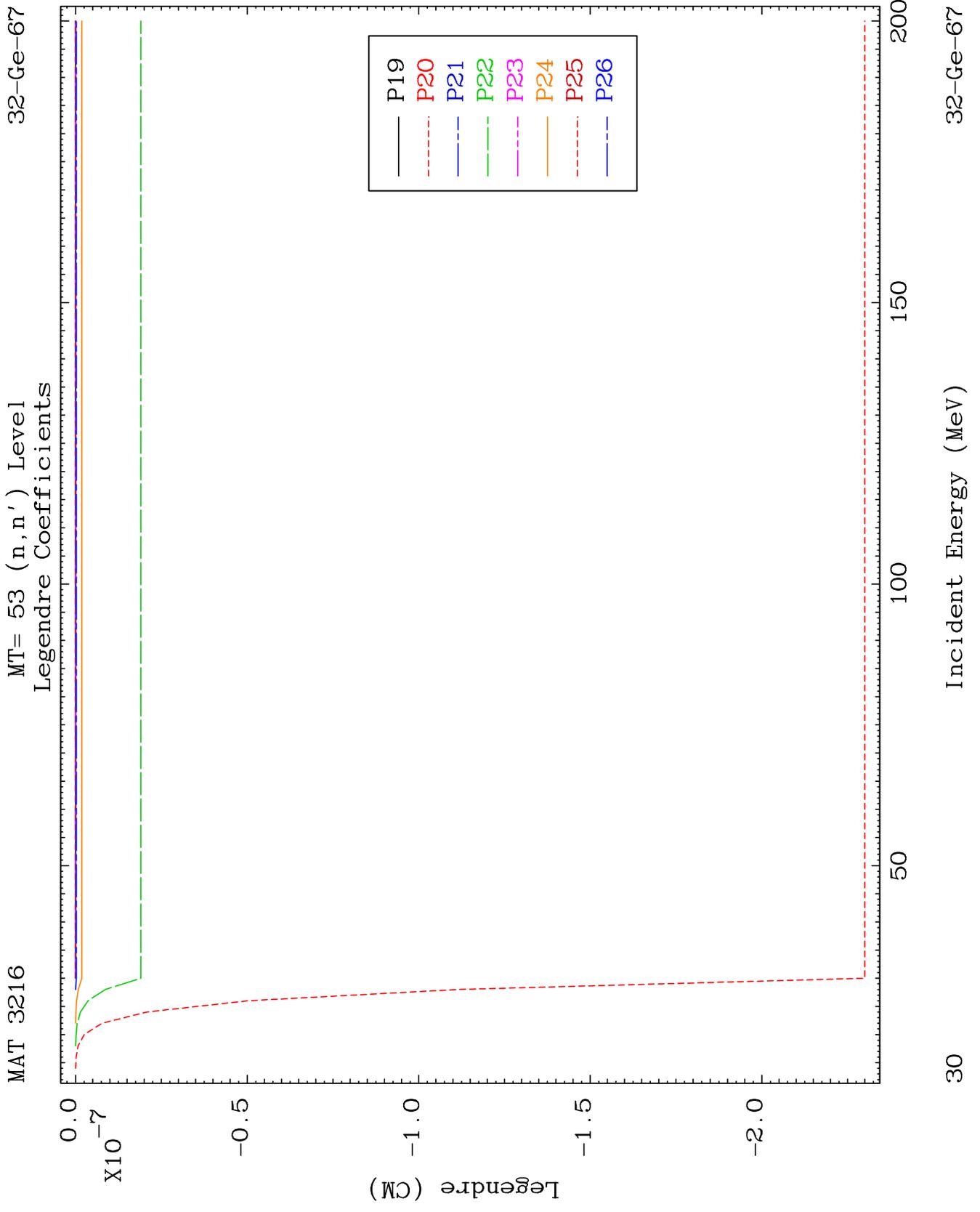
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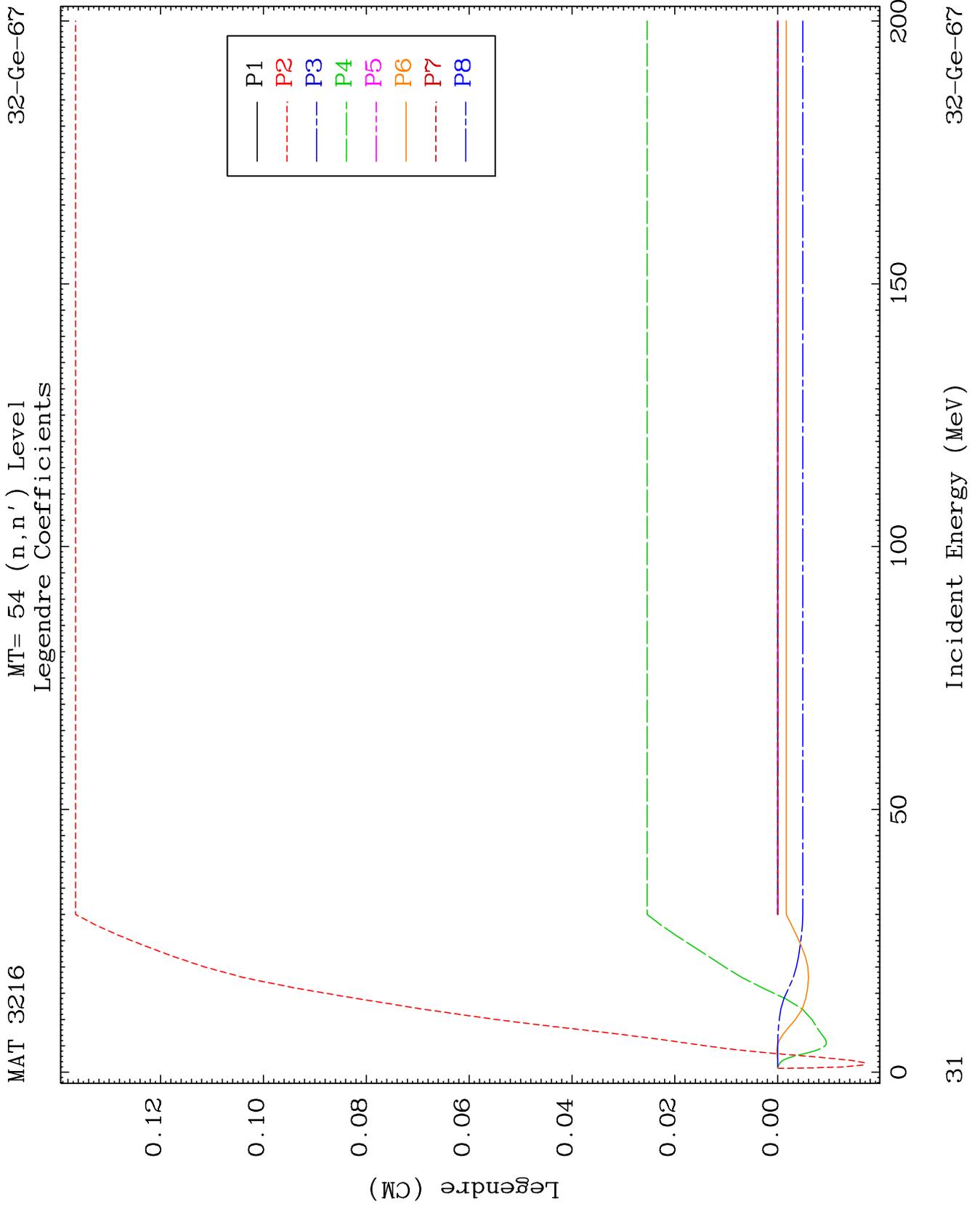


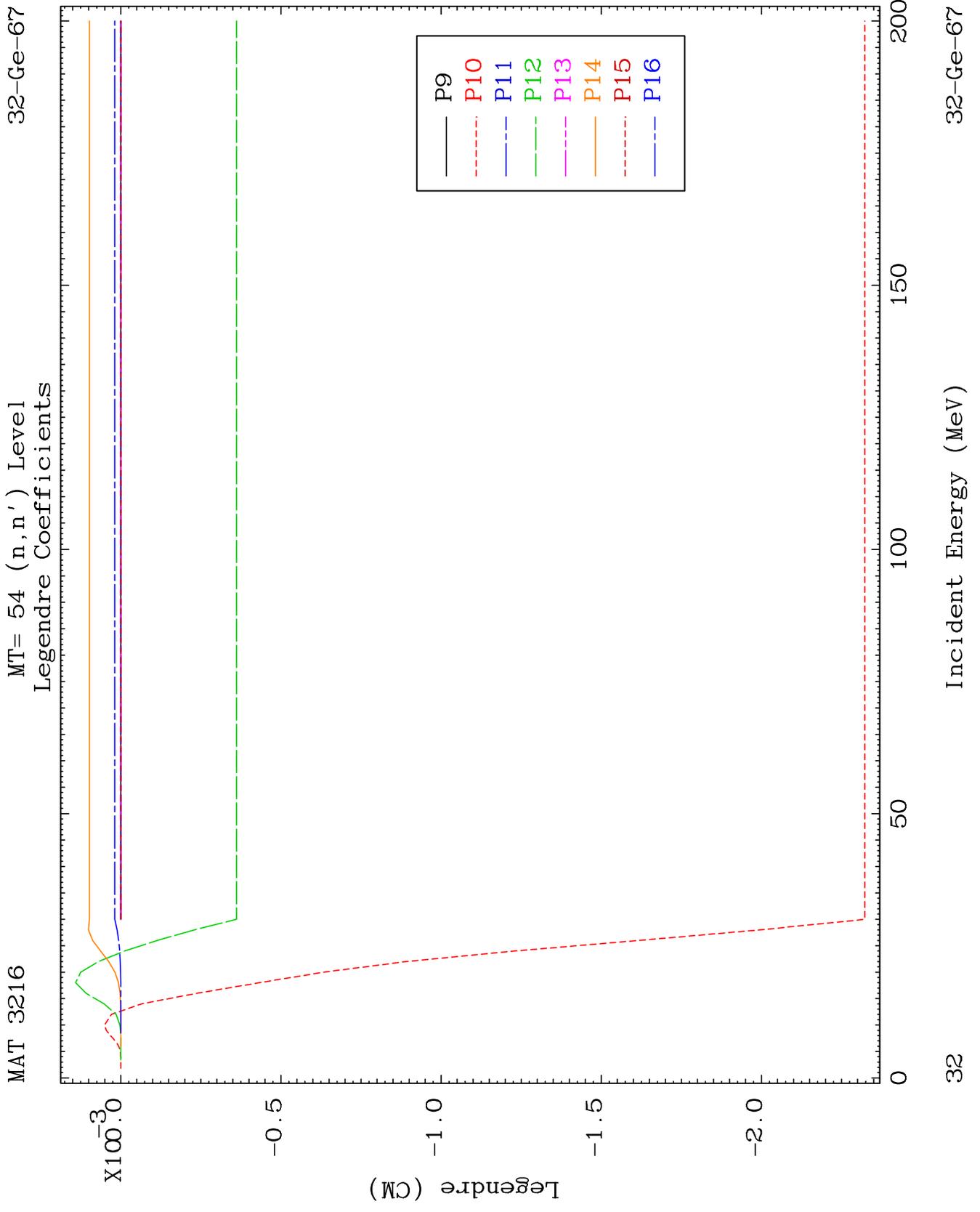
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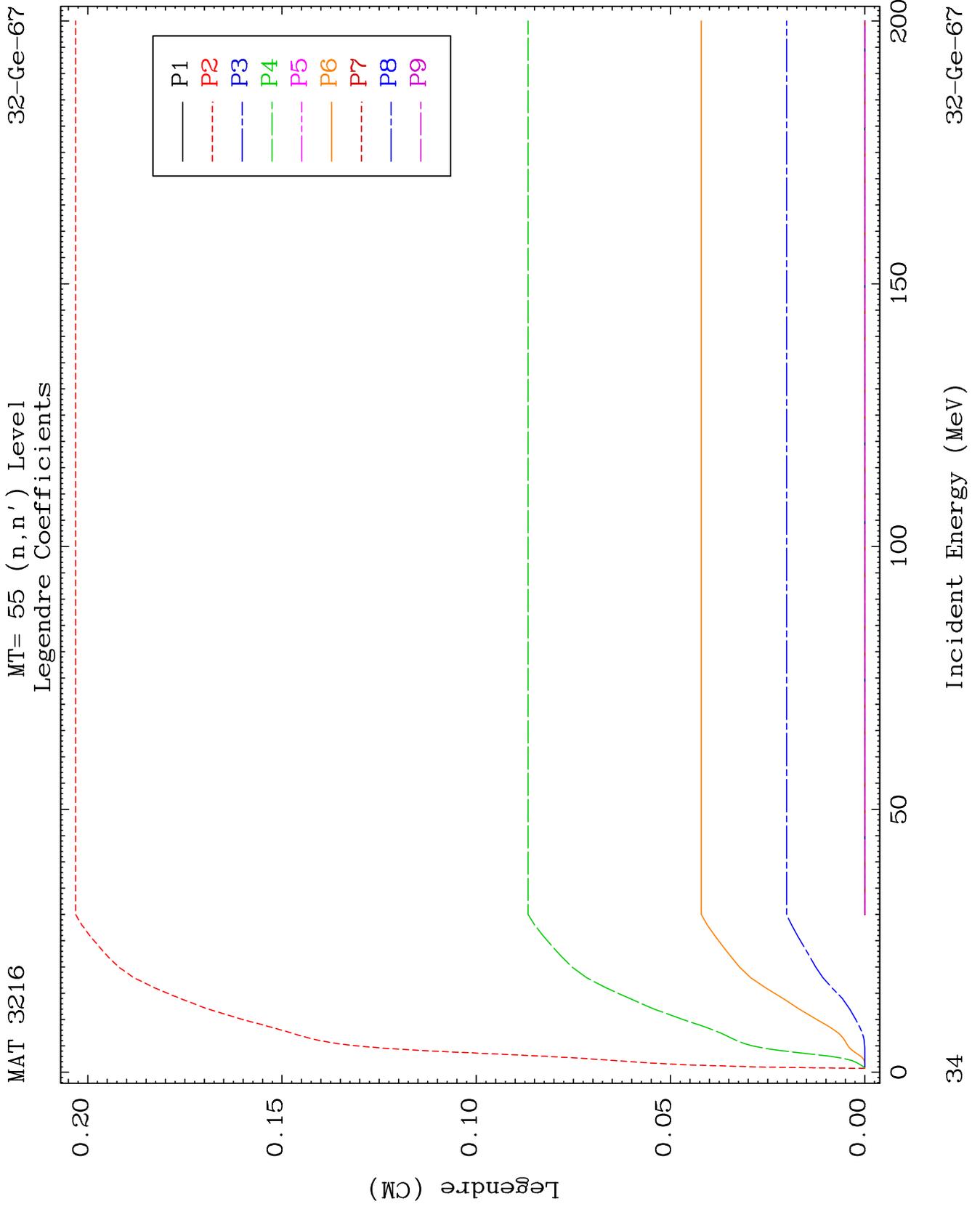
Incident Energy (MeV)

32-Ge-67





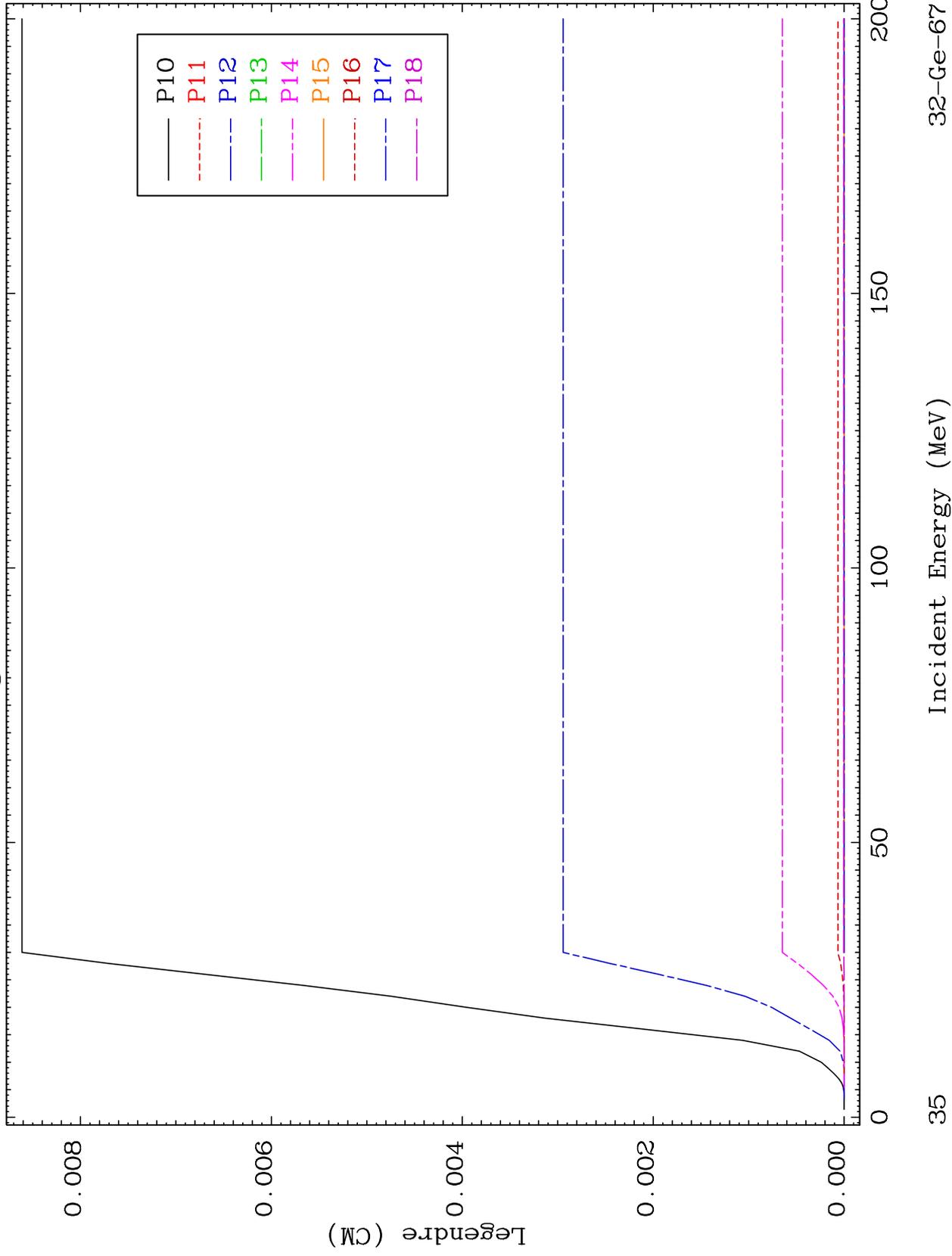




MAT 3216

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

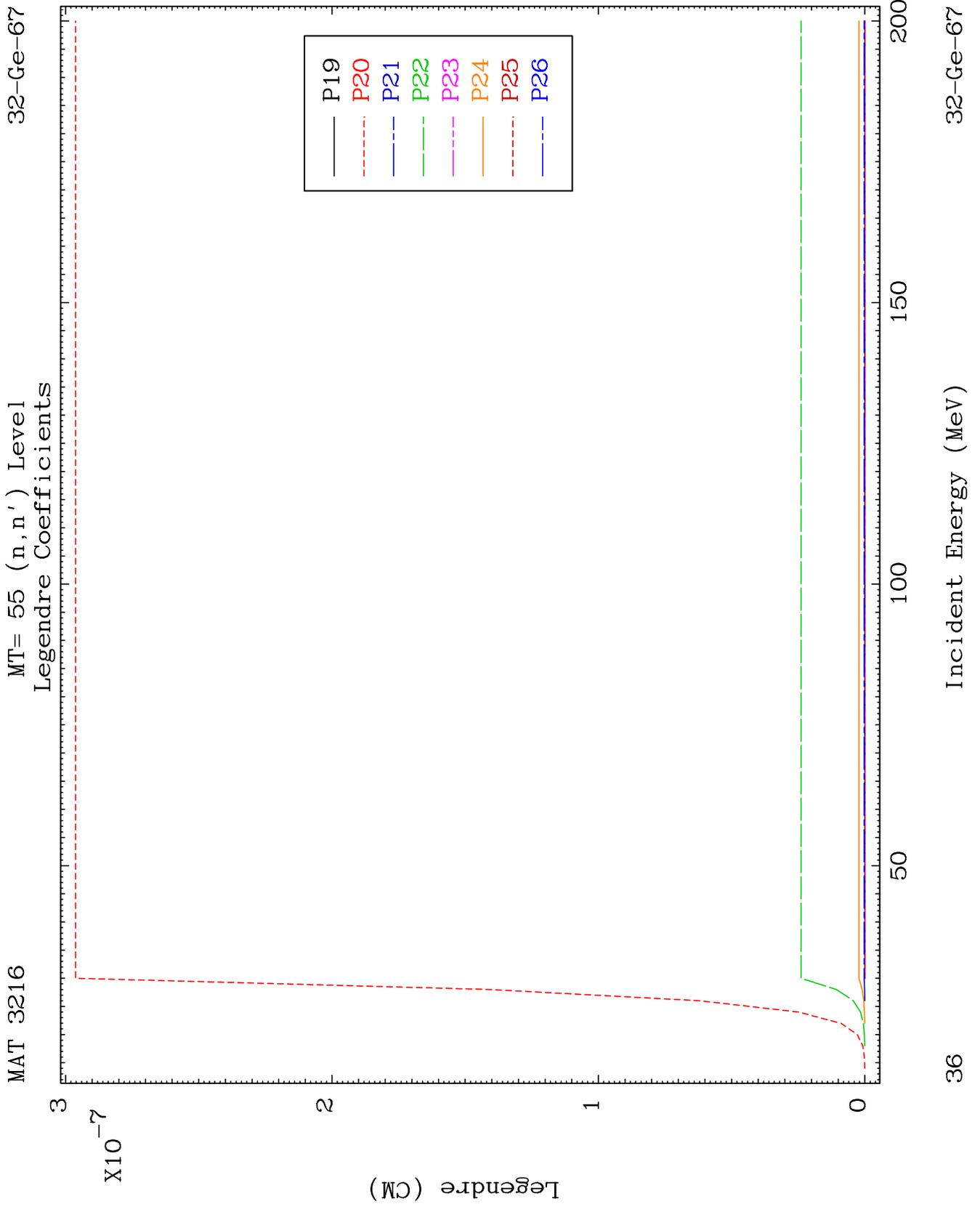
32-Ge-67



32-Ge-67

Incident Energy (MeV)

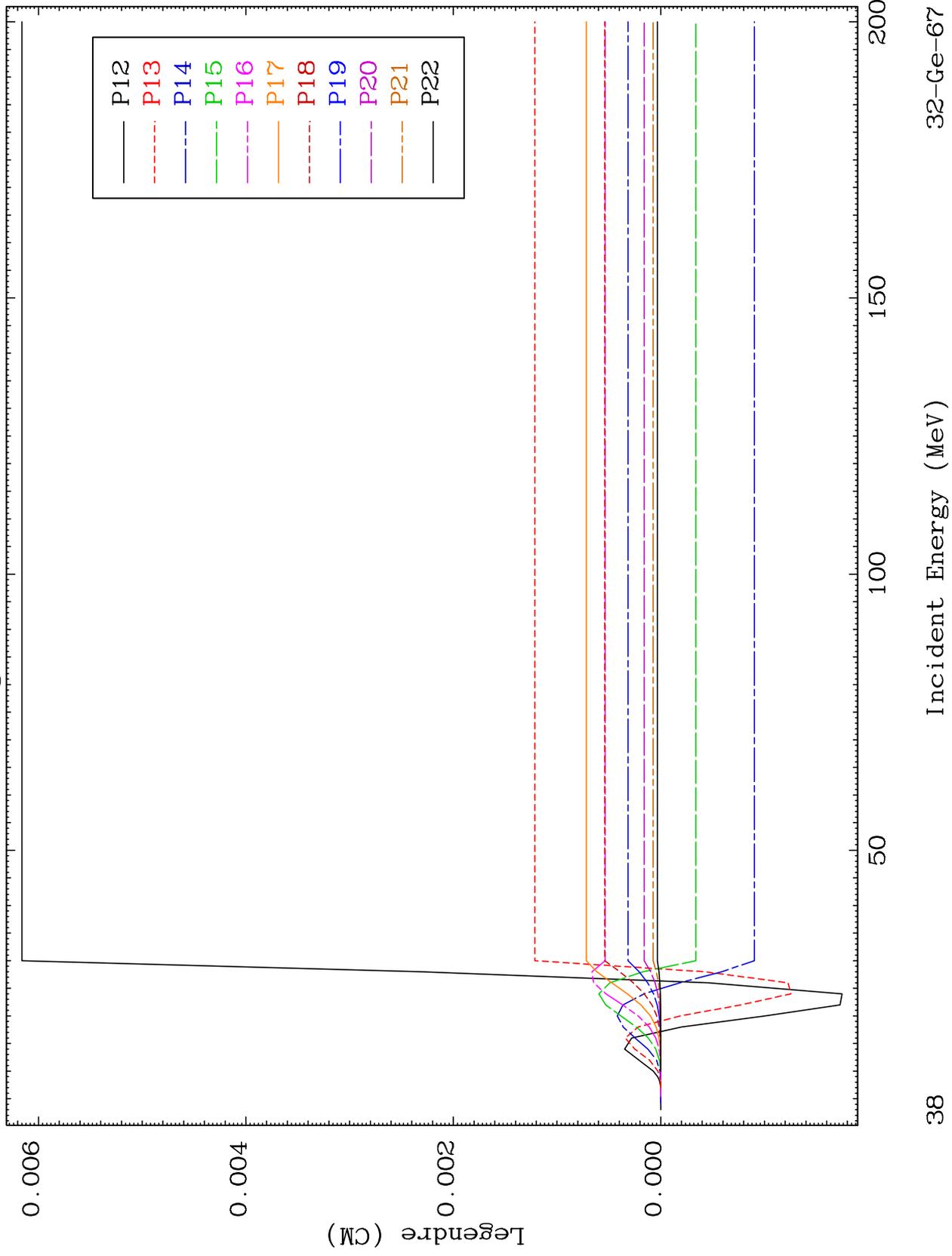
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MAT 3216

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

32-Ge-67



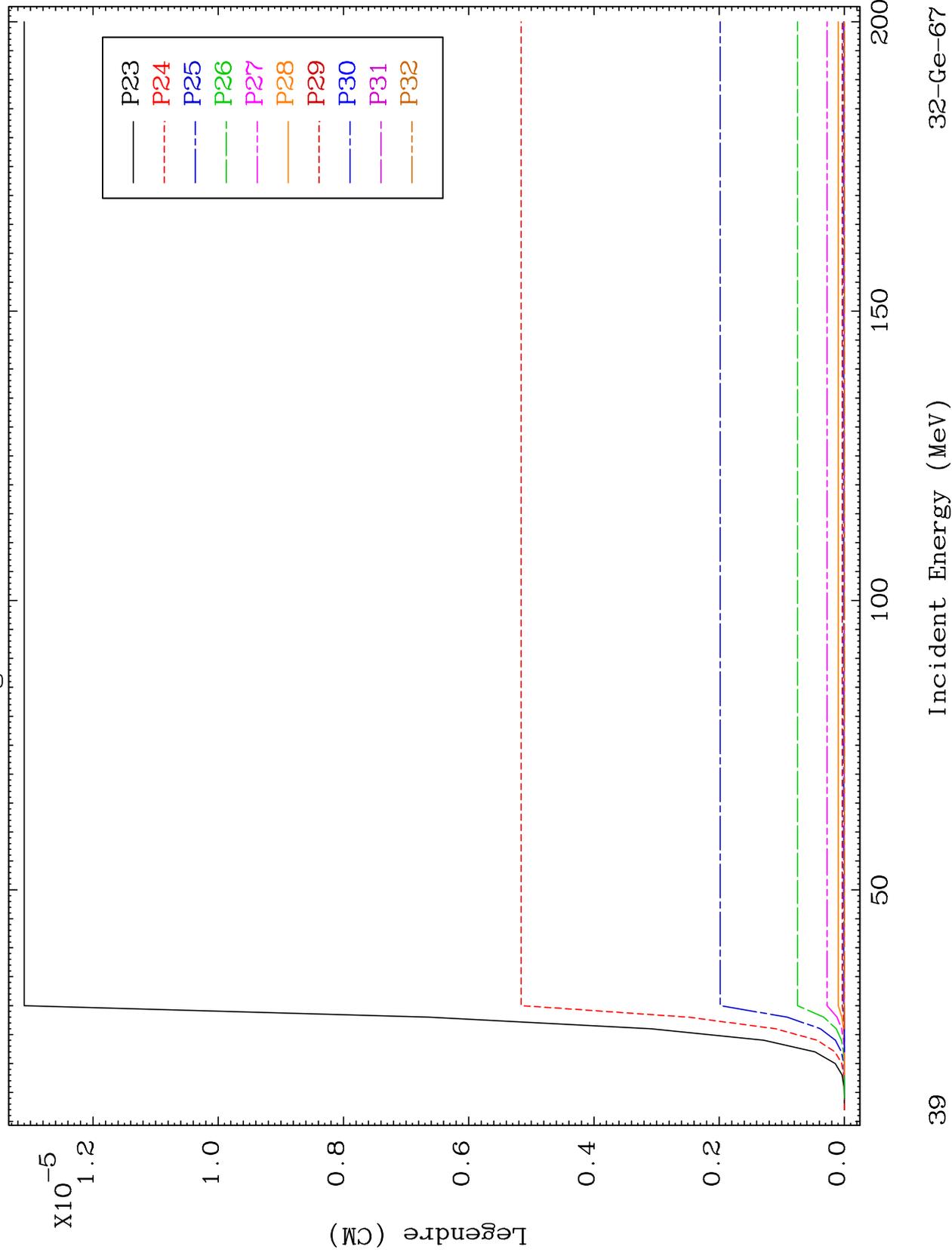
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32-Ge-67

MAT 3216

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

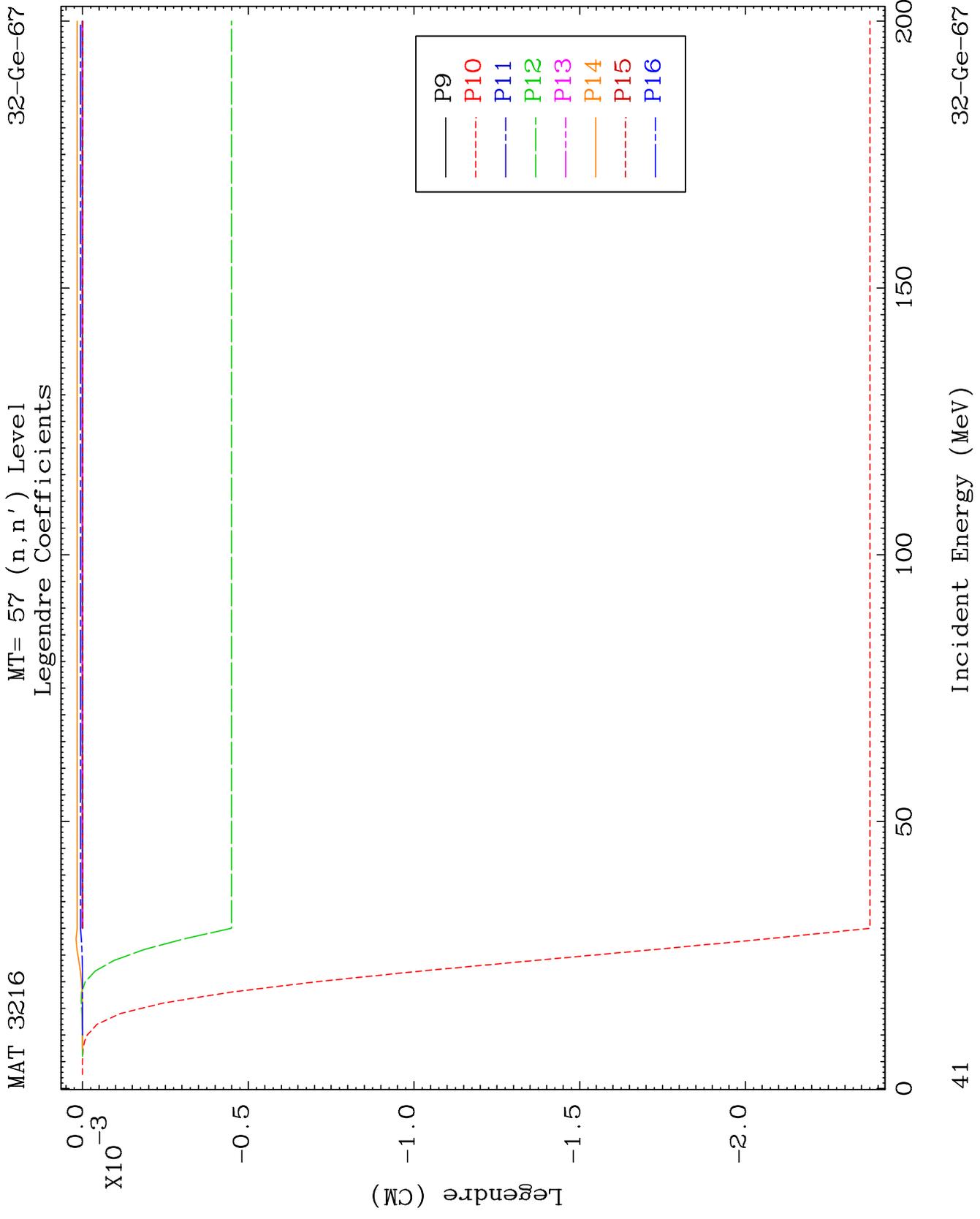
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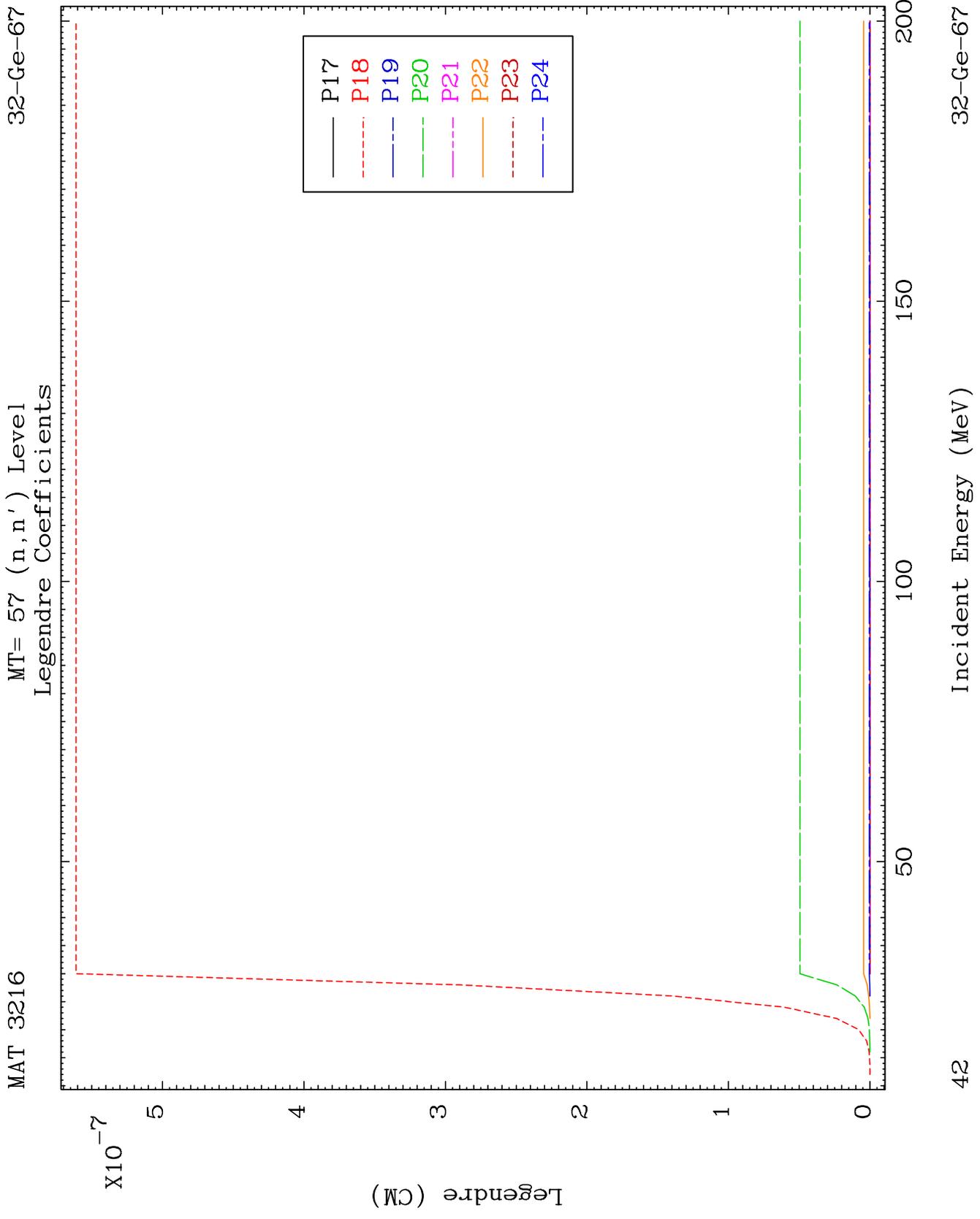


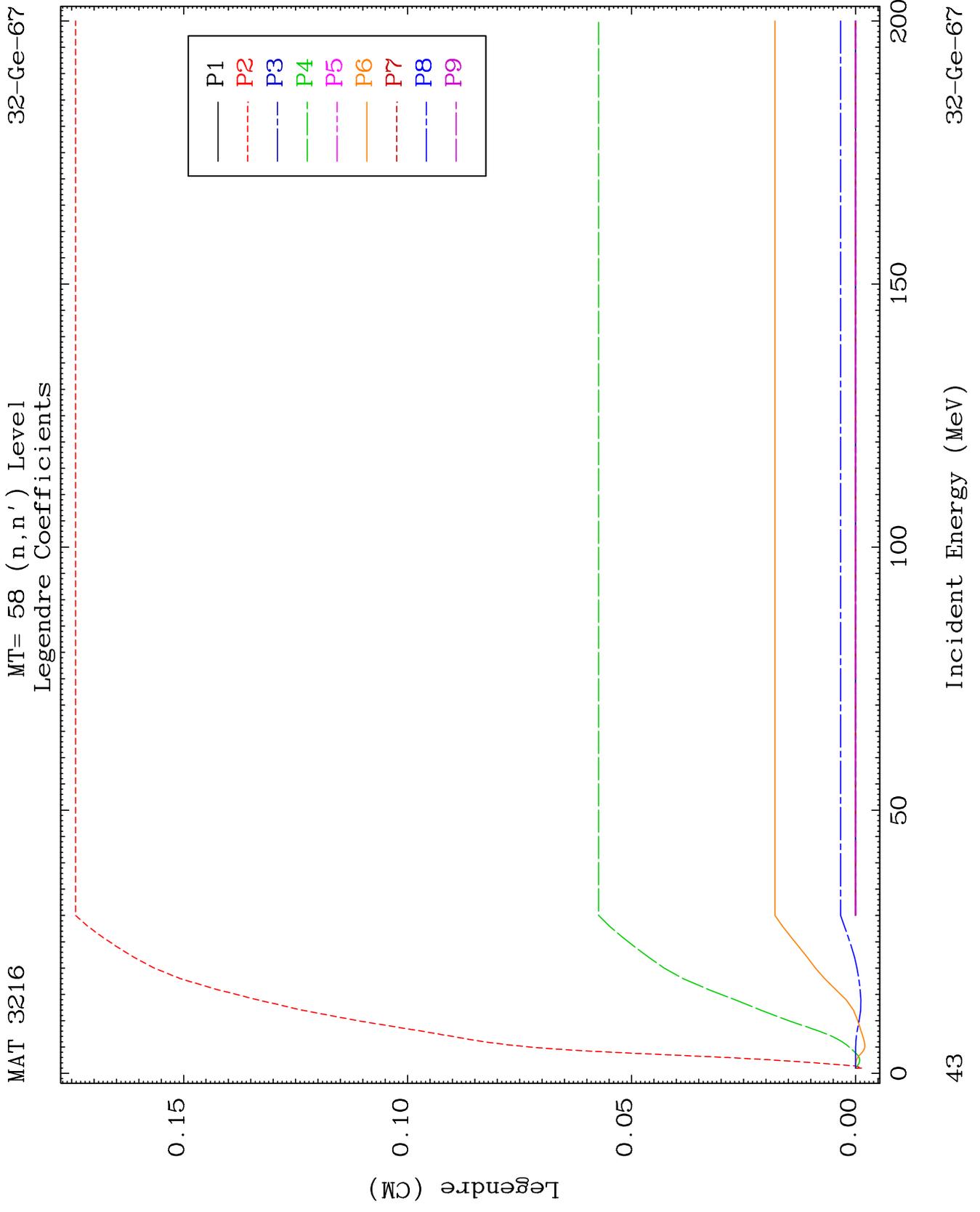
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Incident Energy (MeV)

32-Ge-67



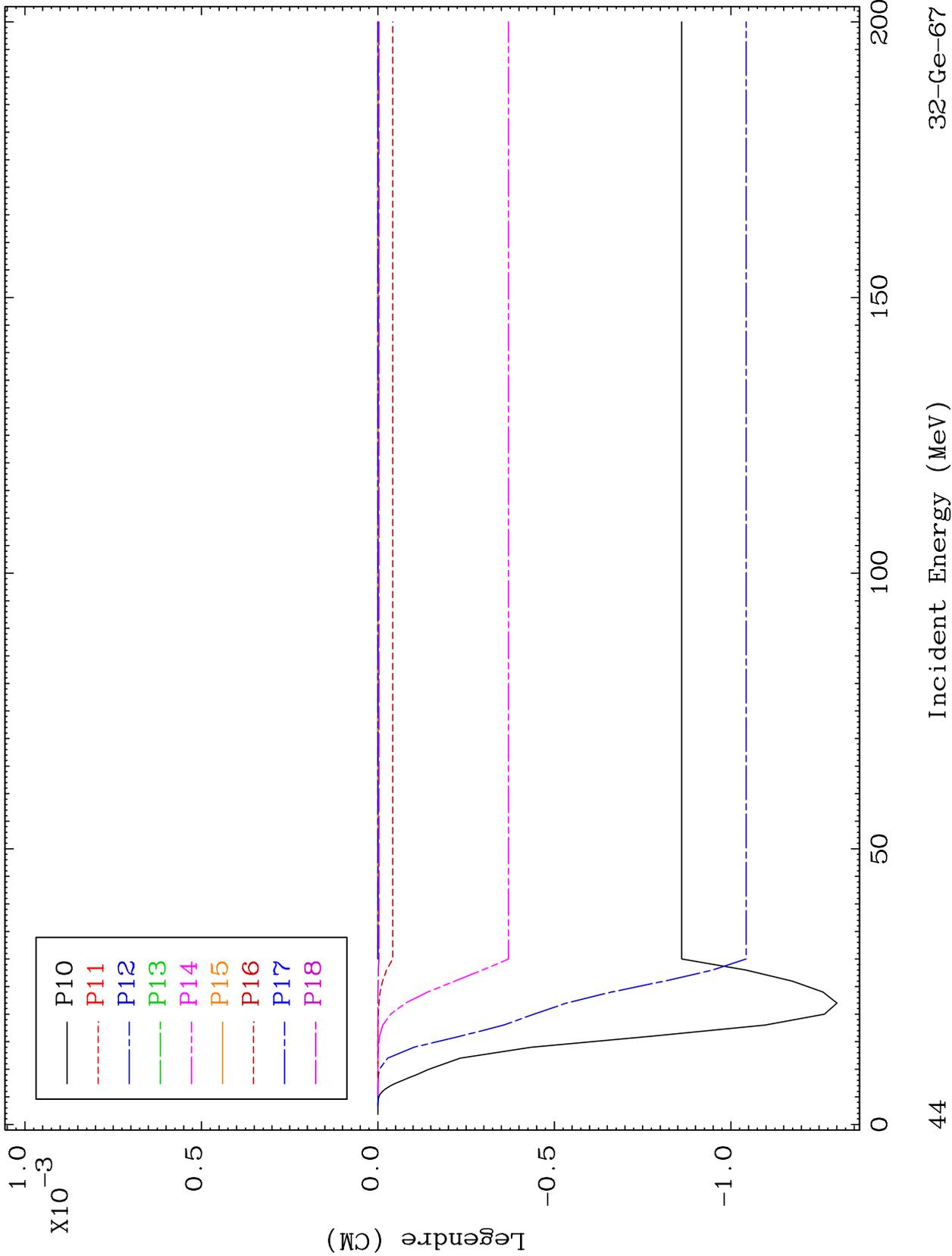




MAT 3216

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Legendre Coefficients

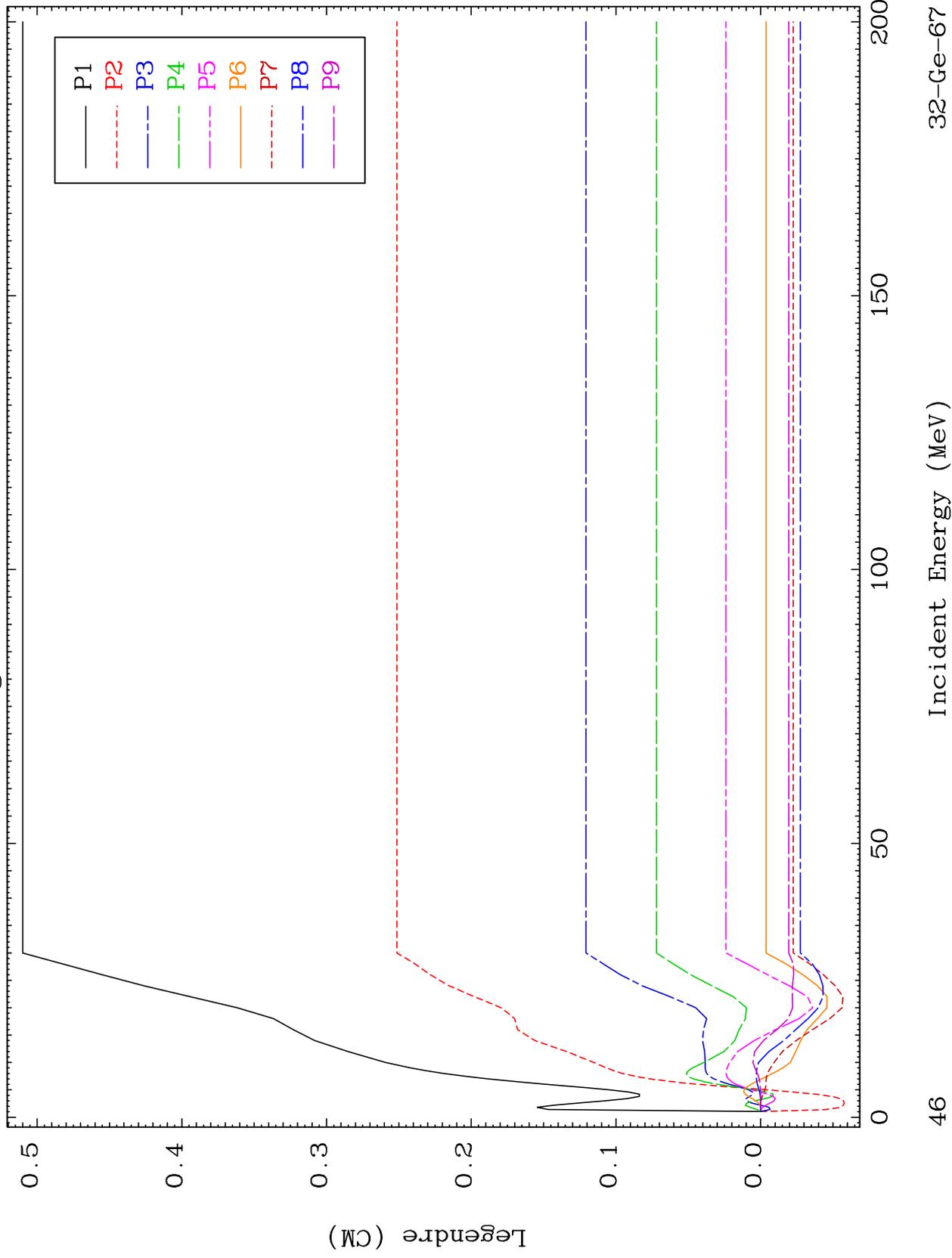
32-Ge-67



MAT 3216

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

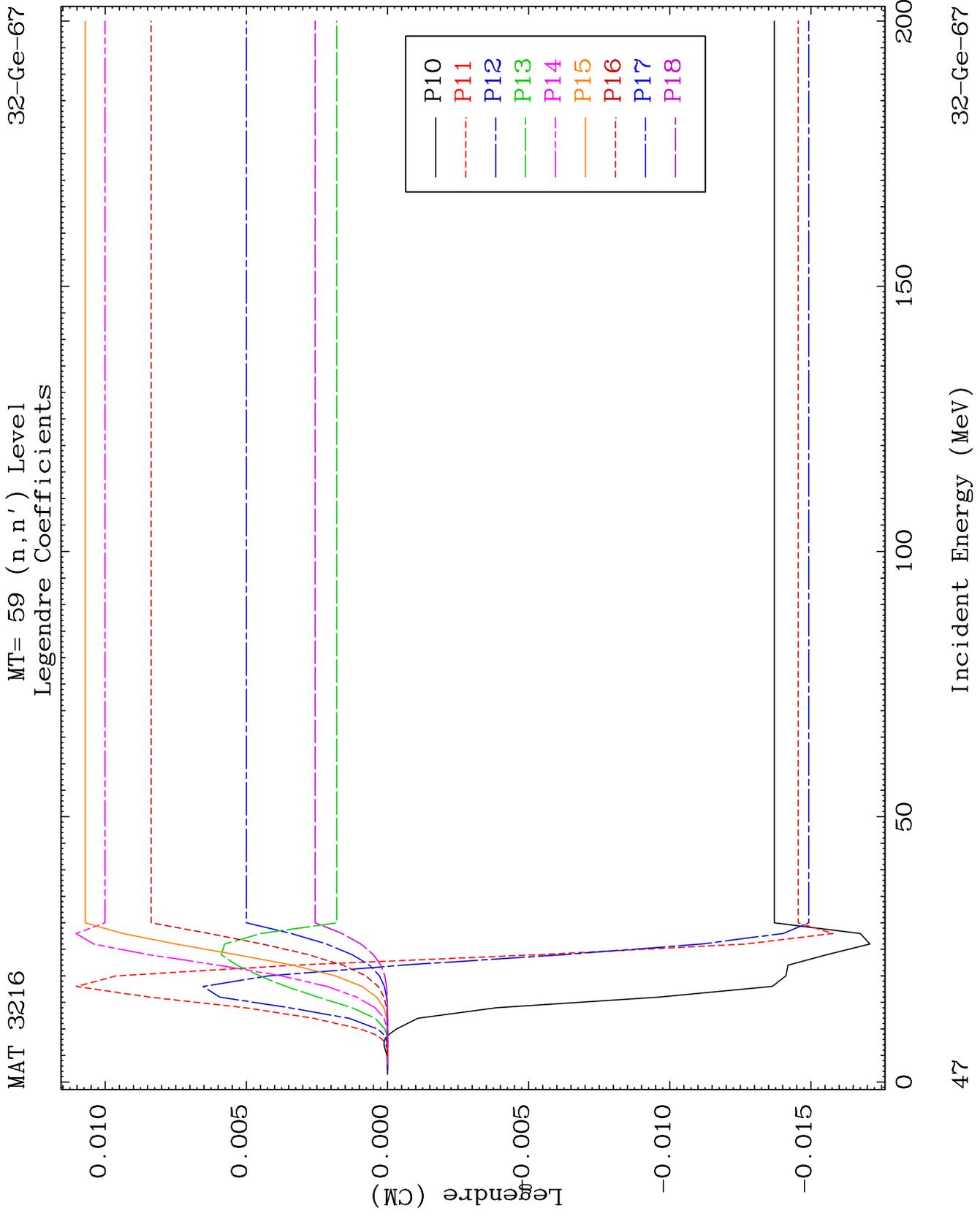
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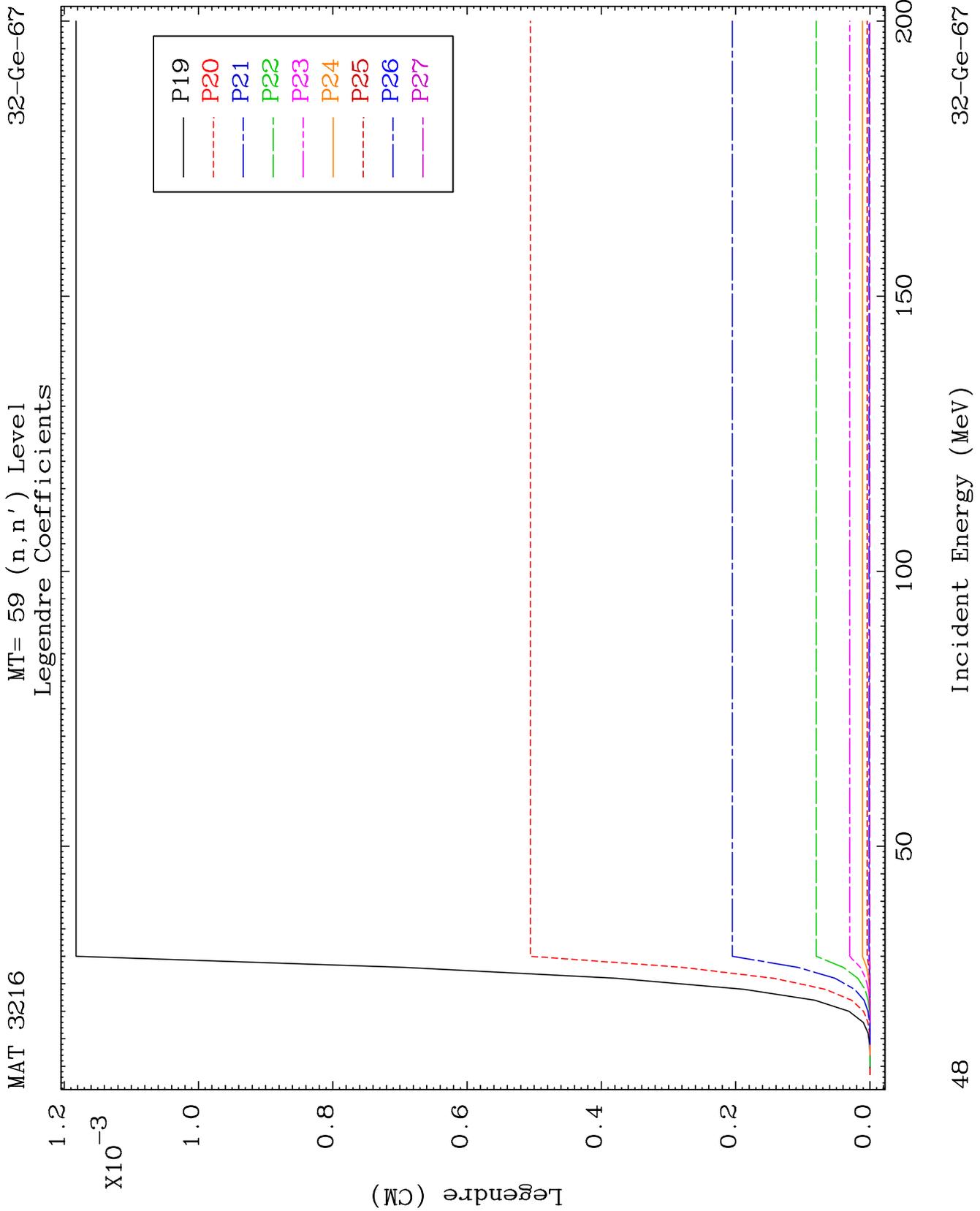


32-Ge-67

Incident Energy (MeV)

46

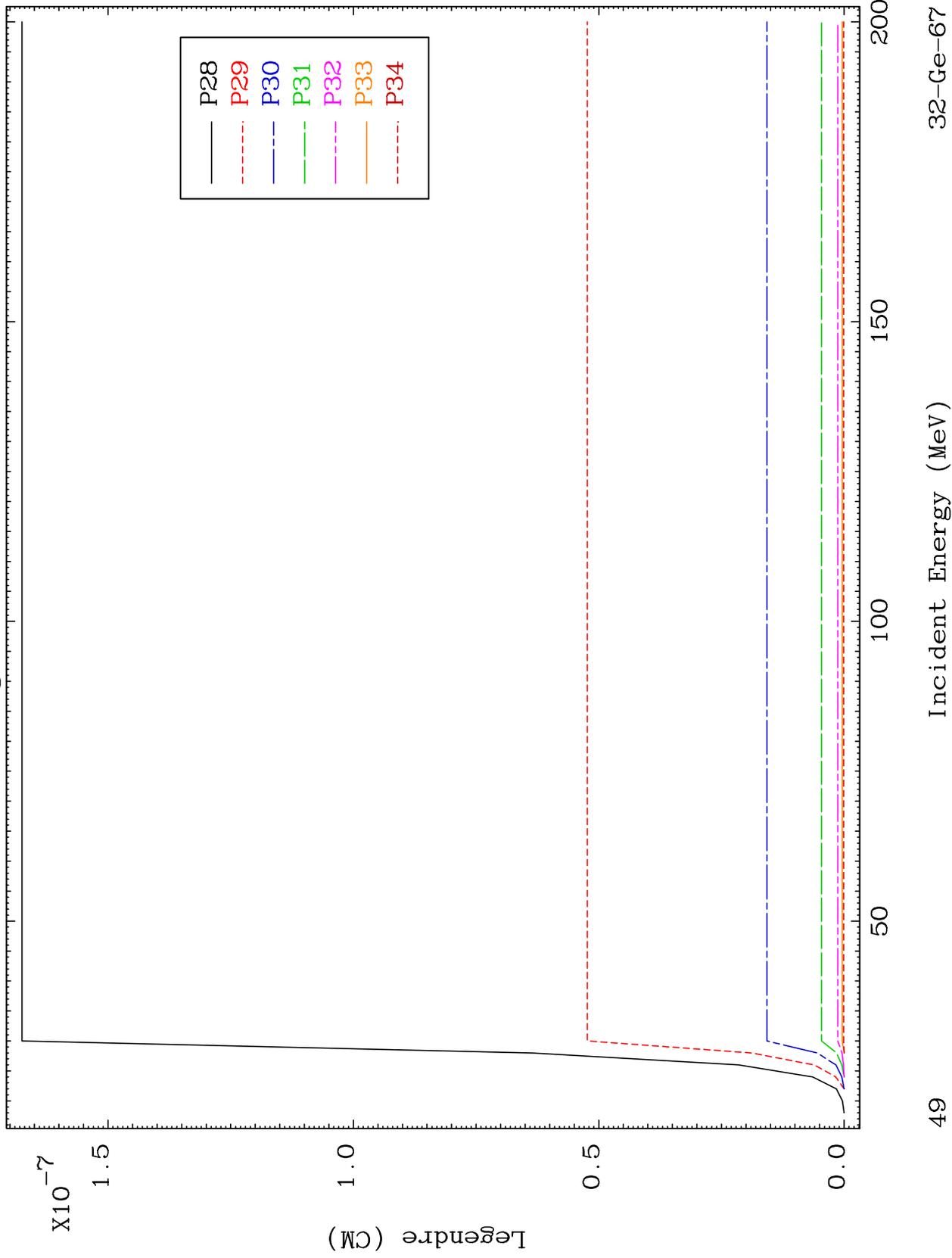




MAT 3216

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

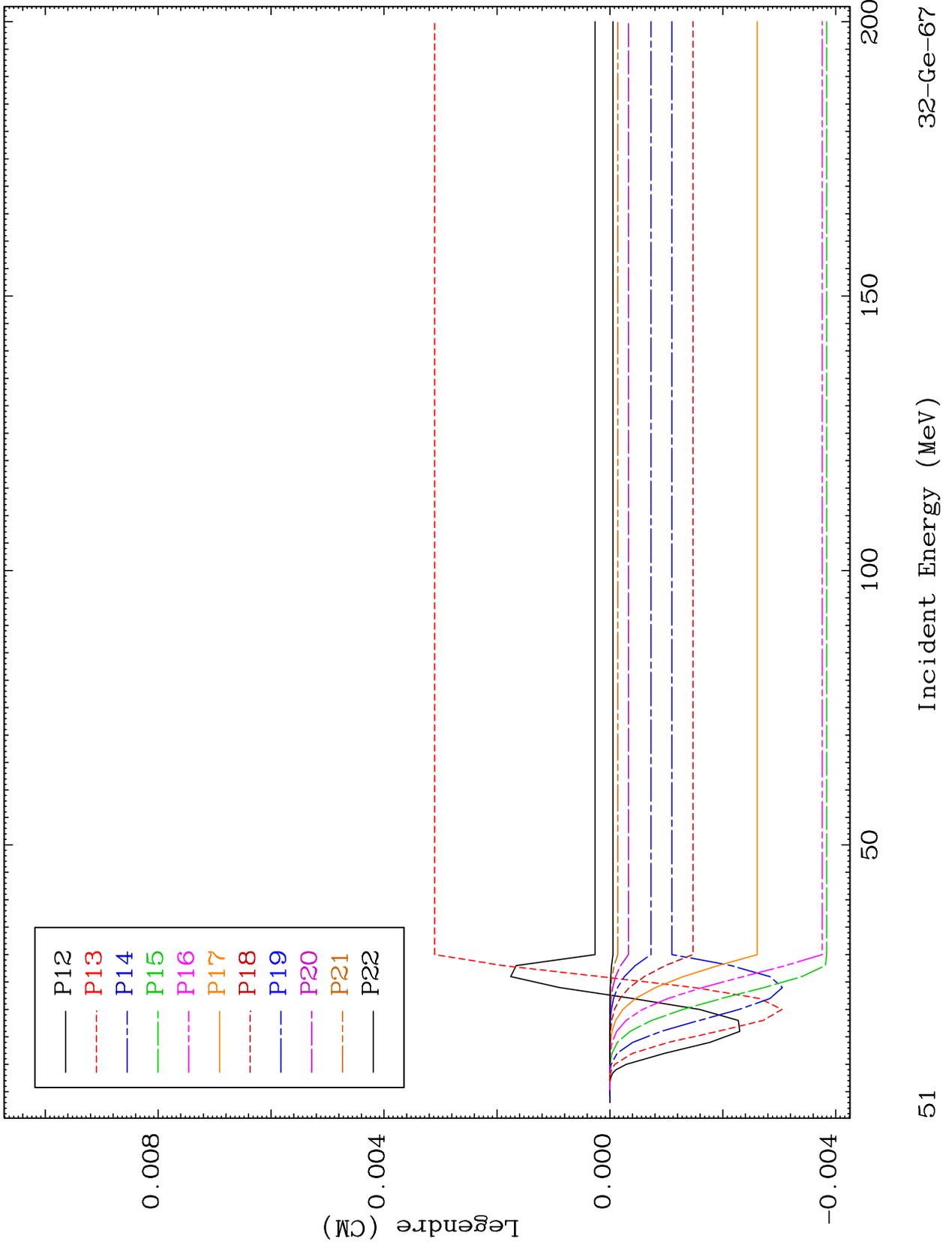
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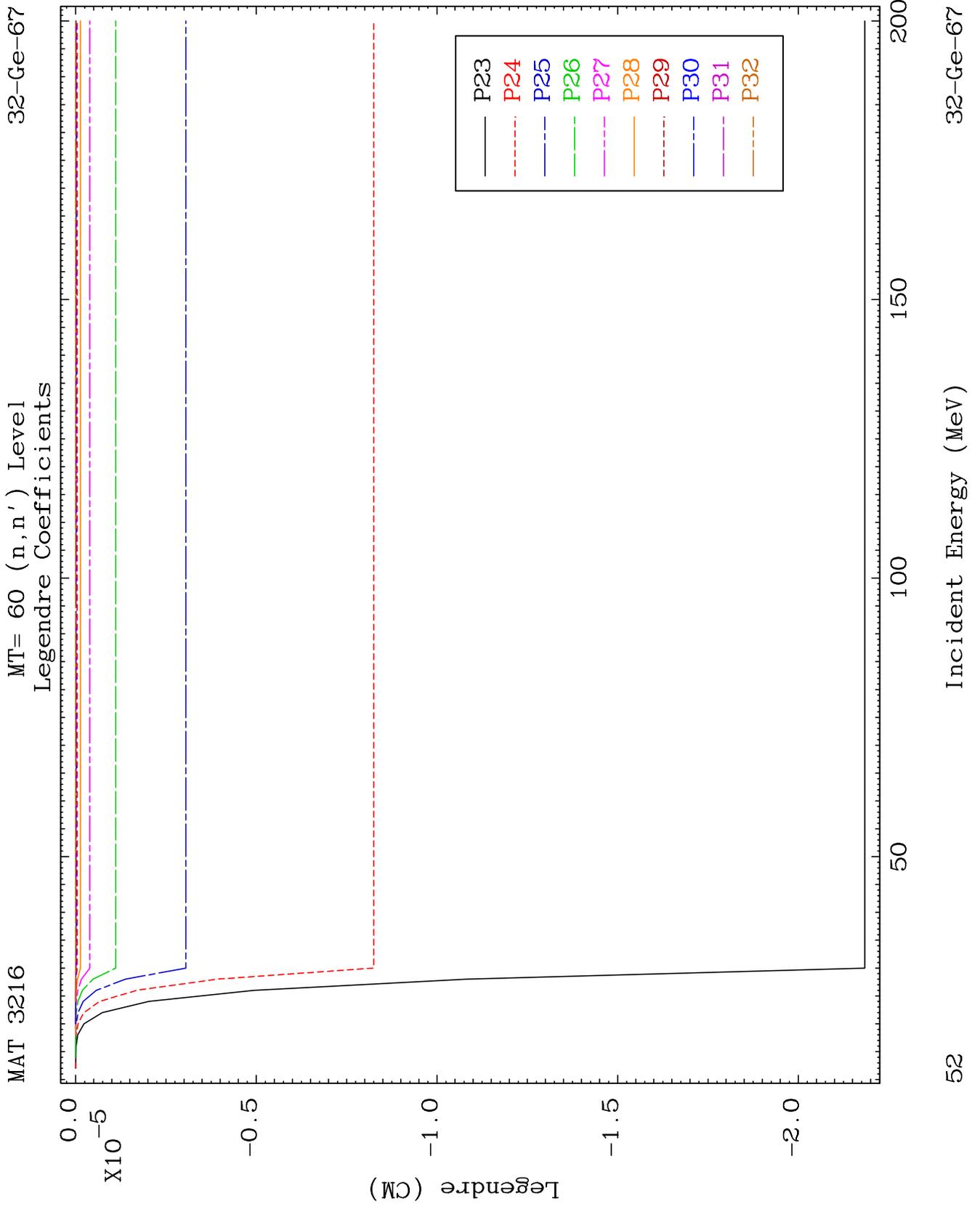


MAT 3216

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

32-Ge-67

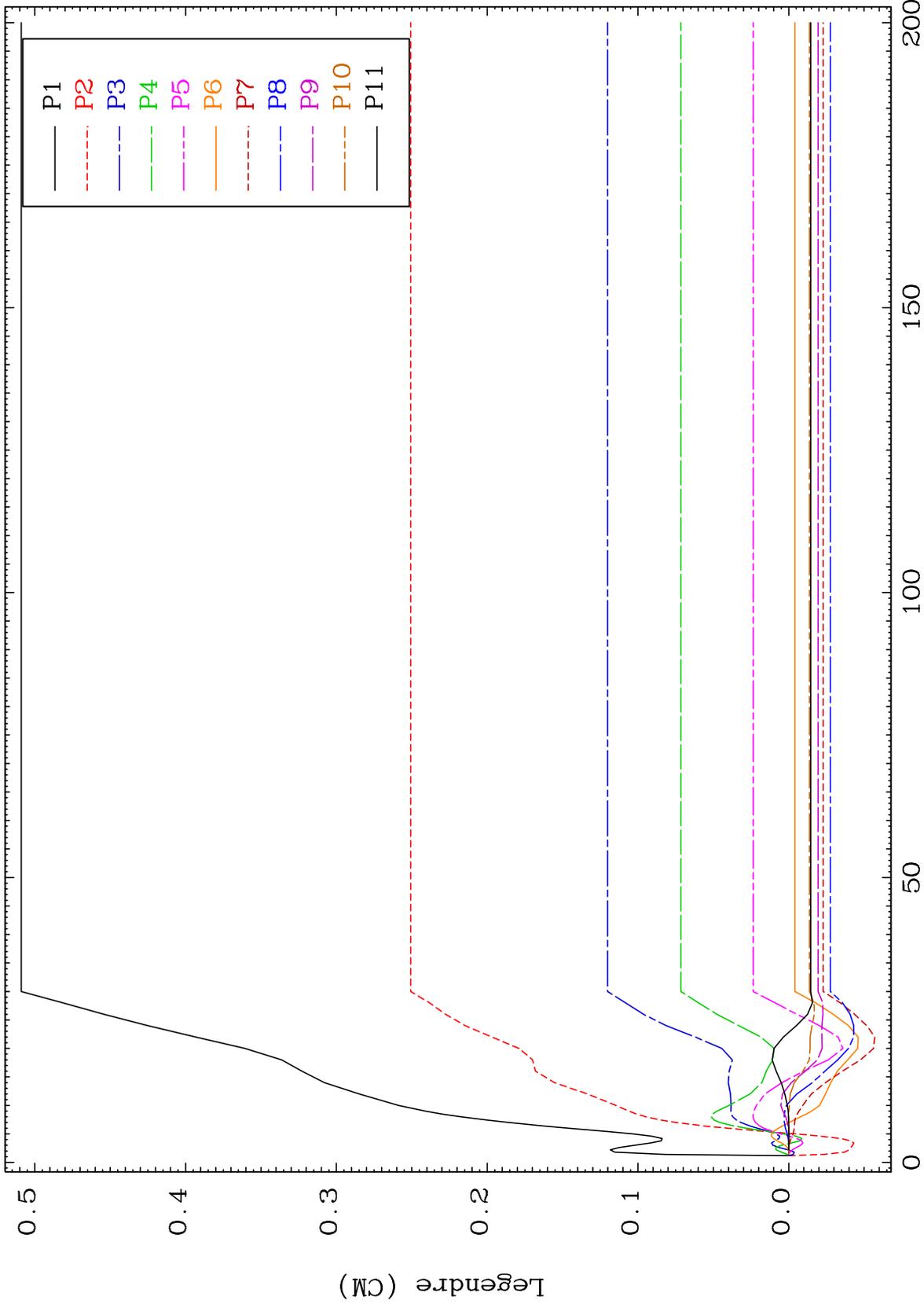




MAT 3216

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

32-Ge-67



32-Ge-67

Incident Energy (MeV)

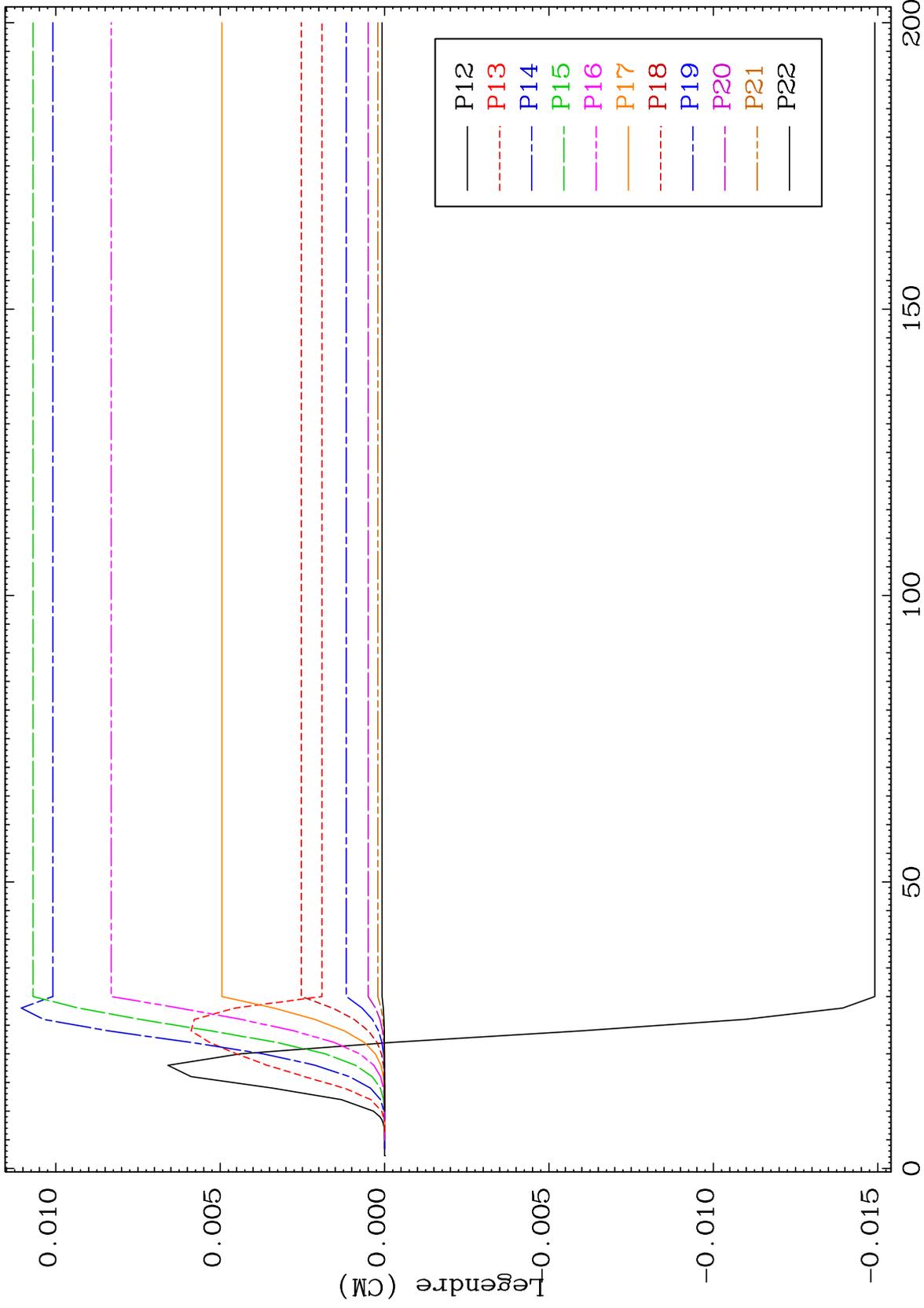
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MAT 3216

MT= 61 (n,n') Level

32-Ge-67

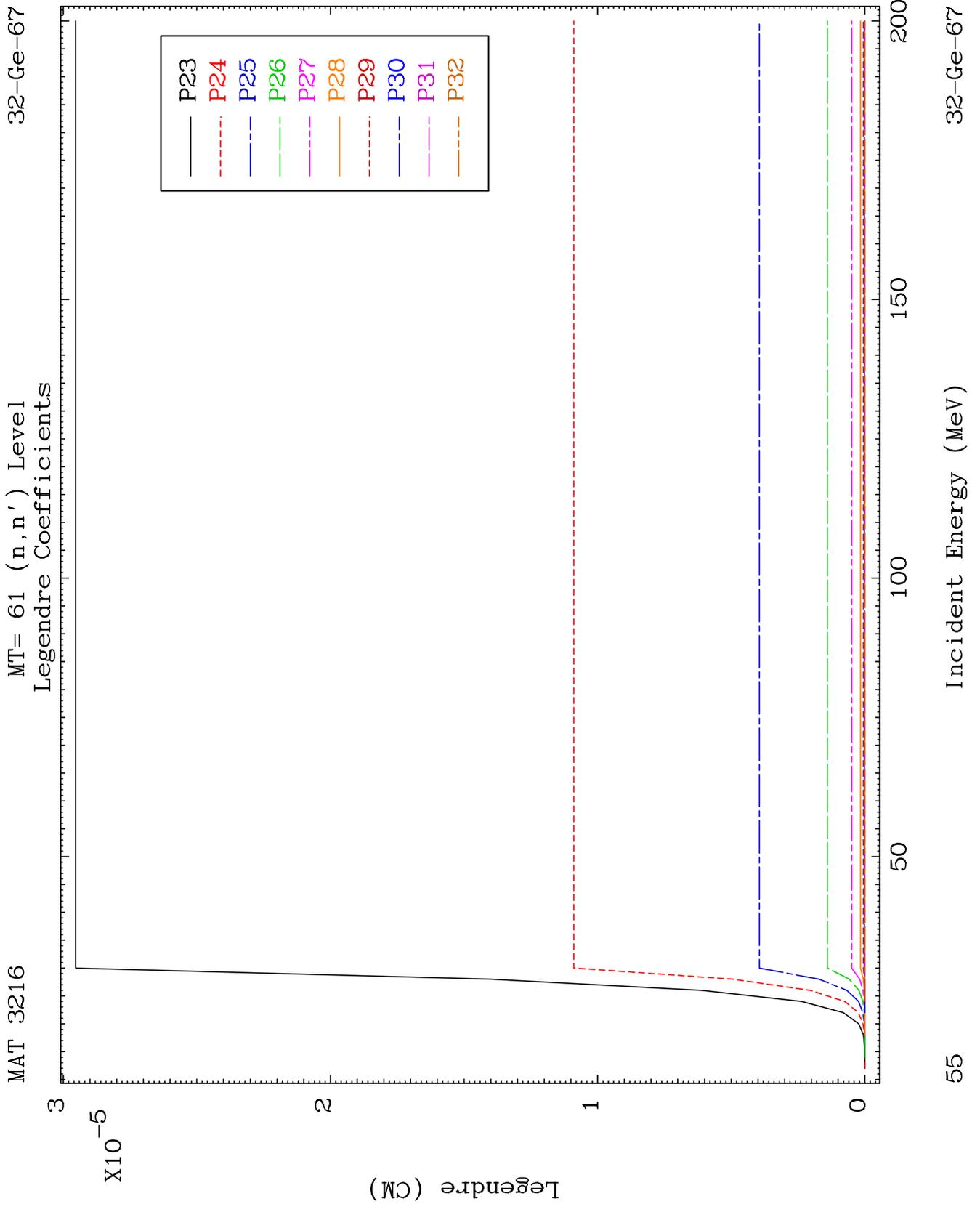
Legendre Coefficients



54

Incident Energy (MeV)

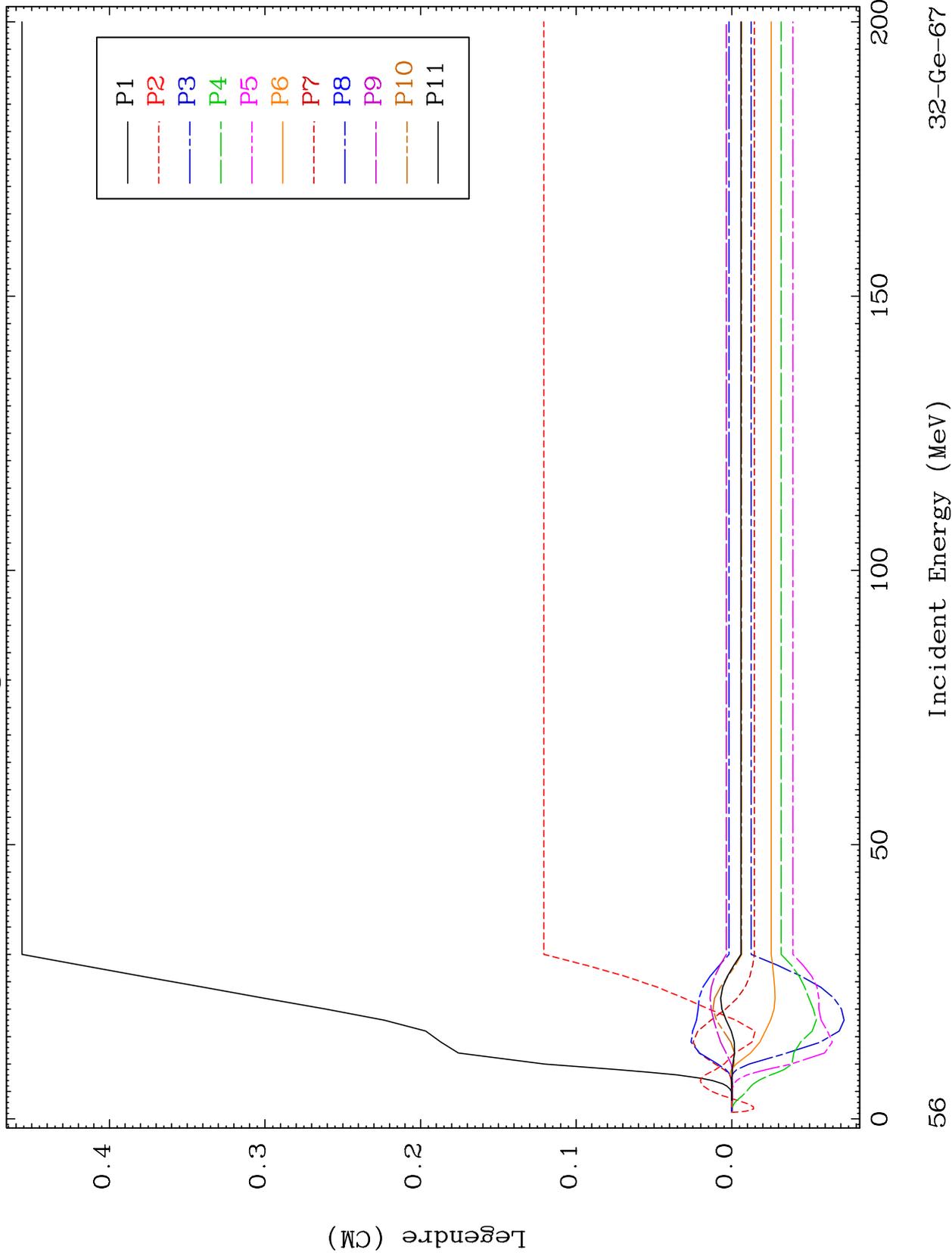
32-Ge-67



MAT 3216

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

32-Ge-67



56

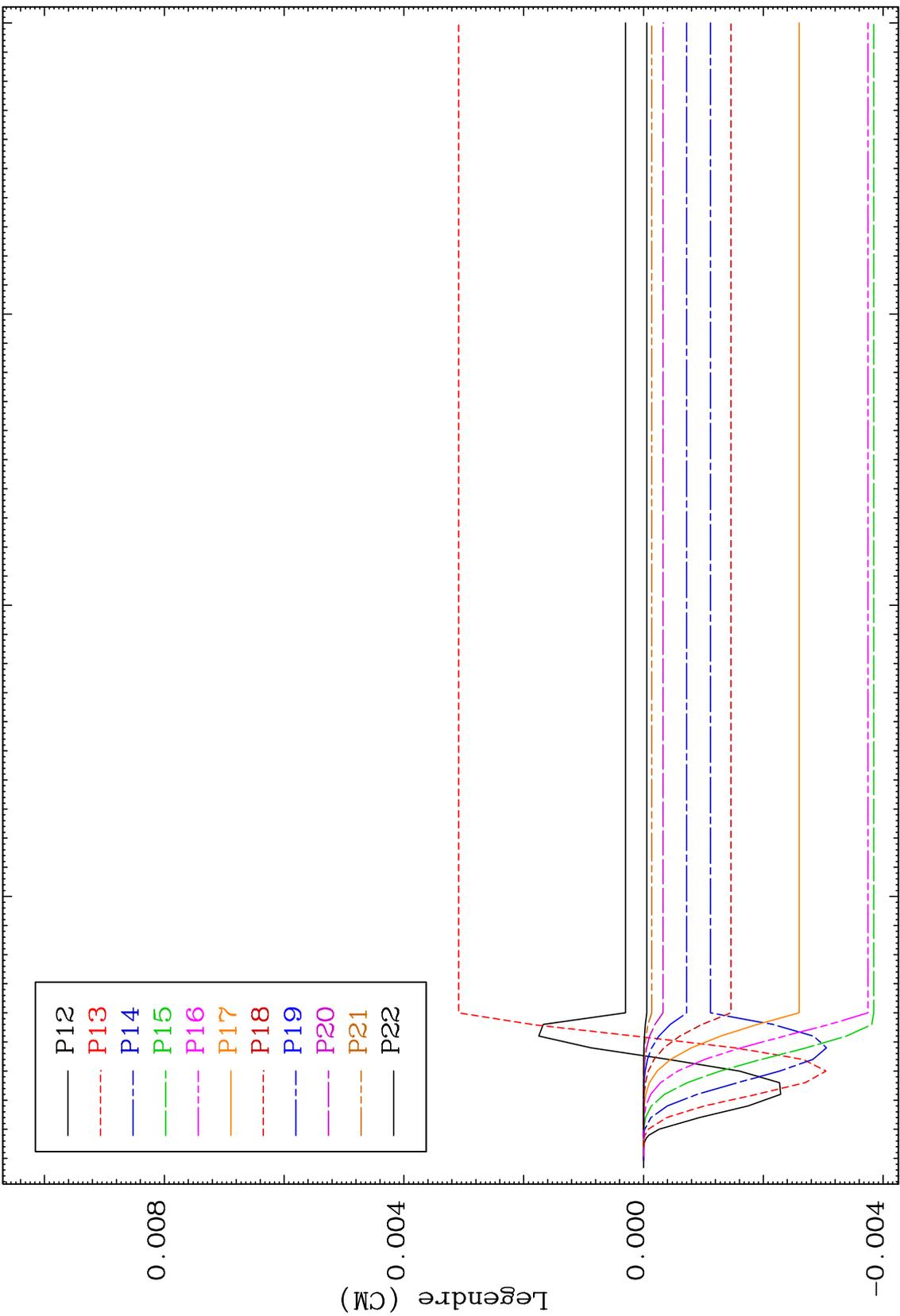
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

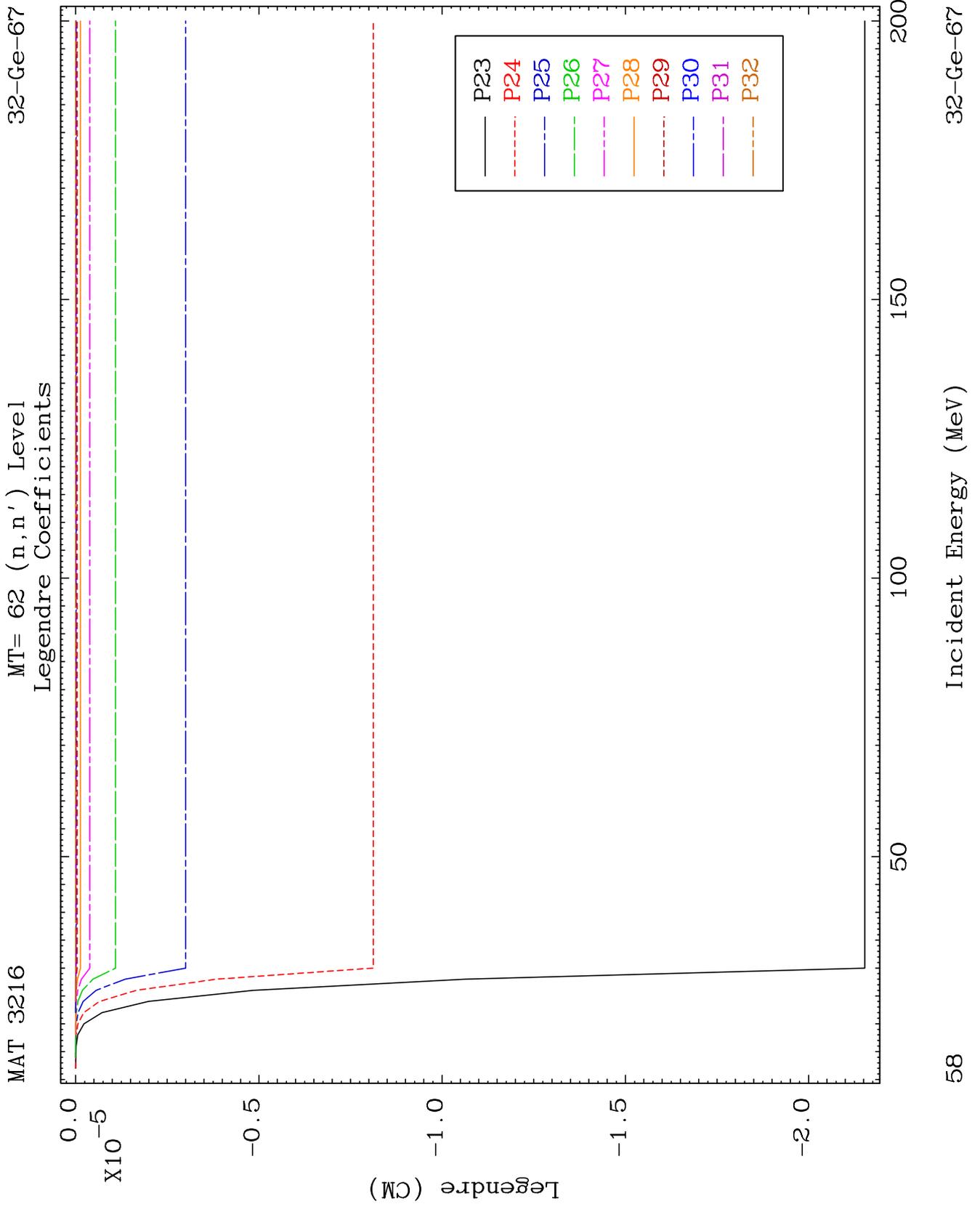
32-Ge-67



57

Incident Energy (MeV)

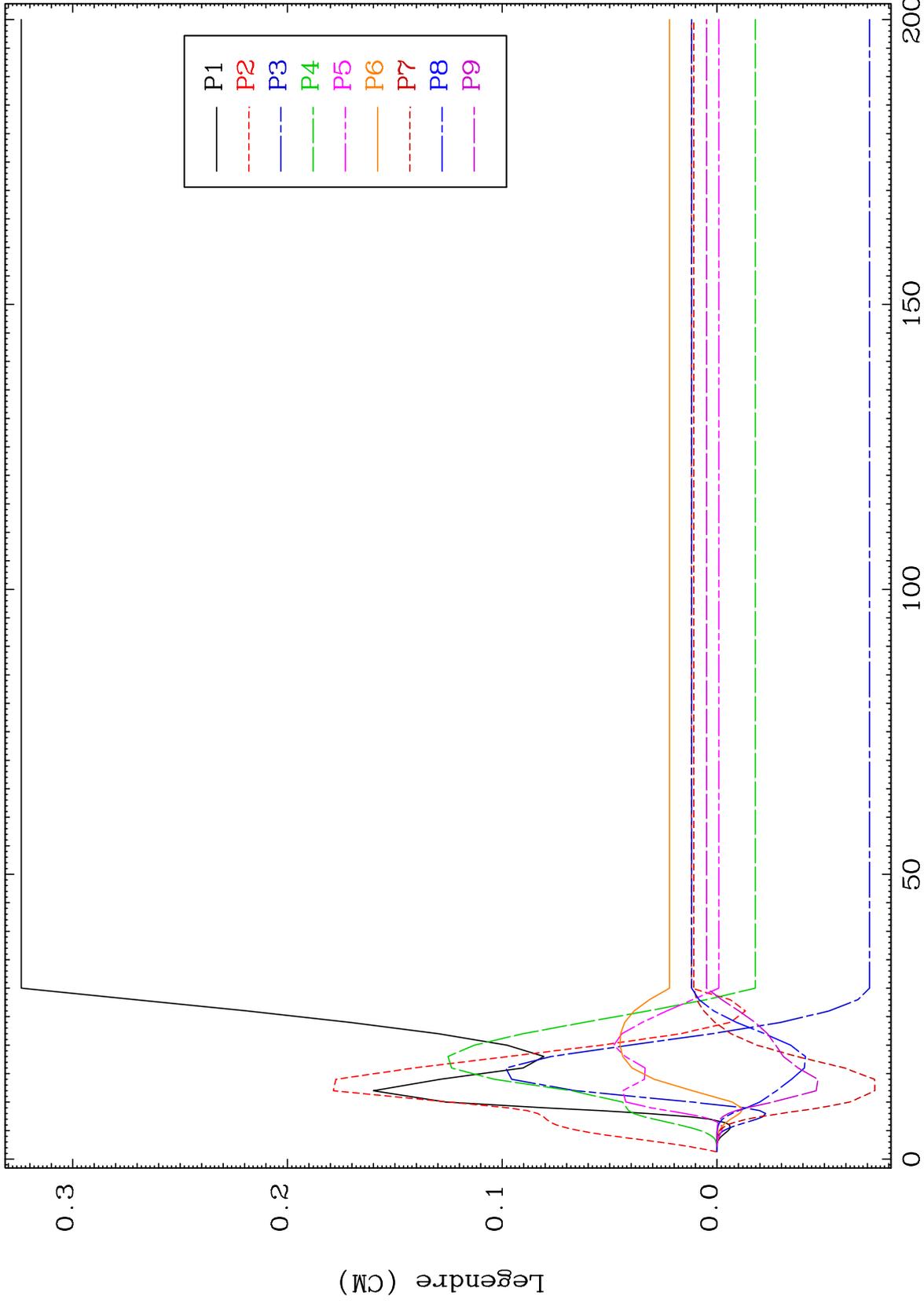
32-Ge-67



MAT 3216

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

32-Ge-67



59

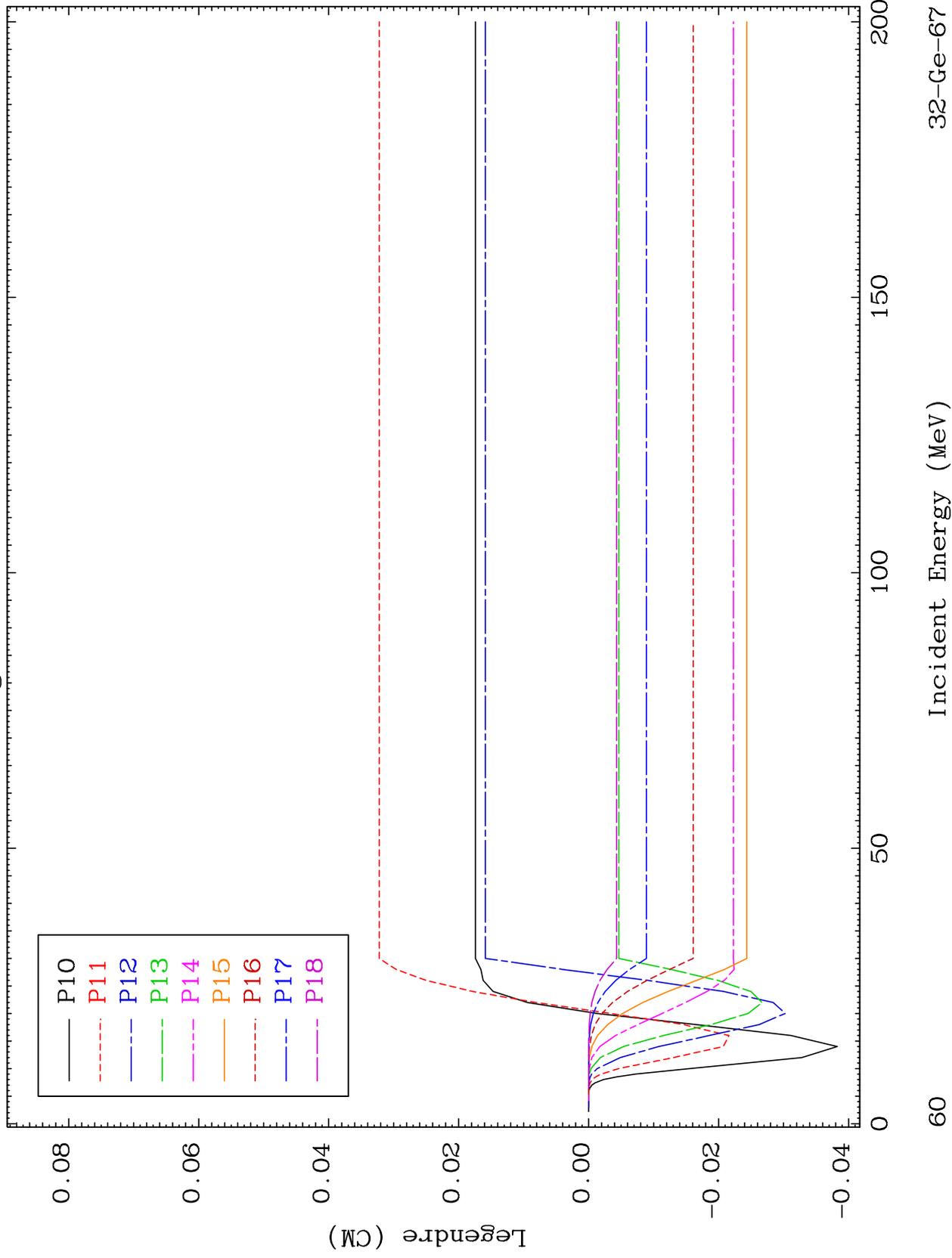
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

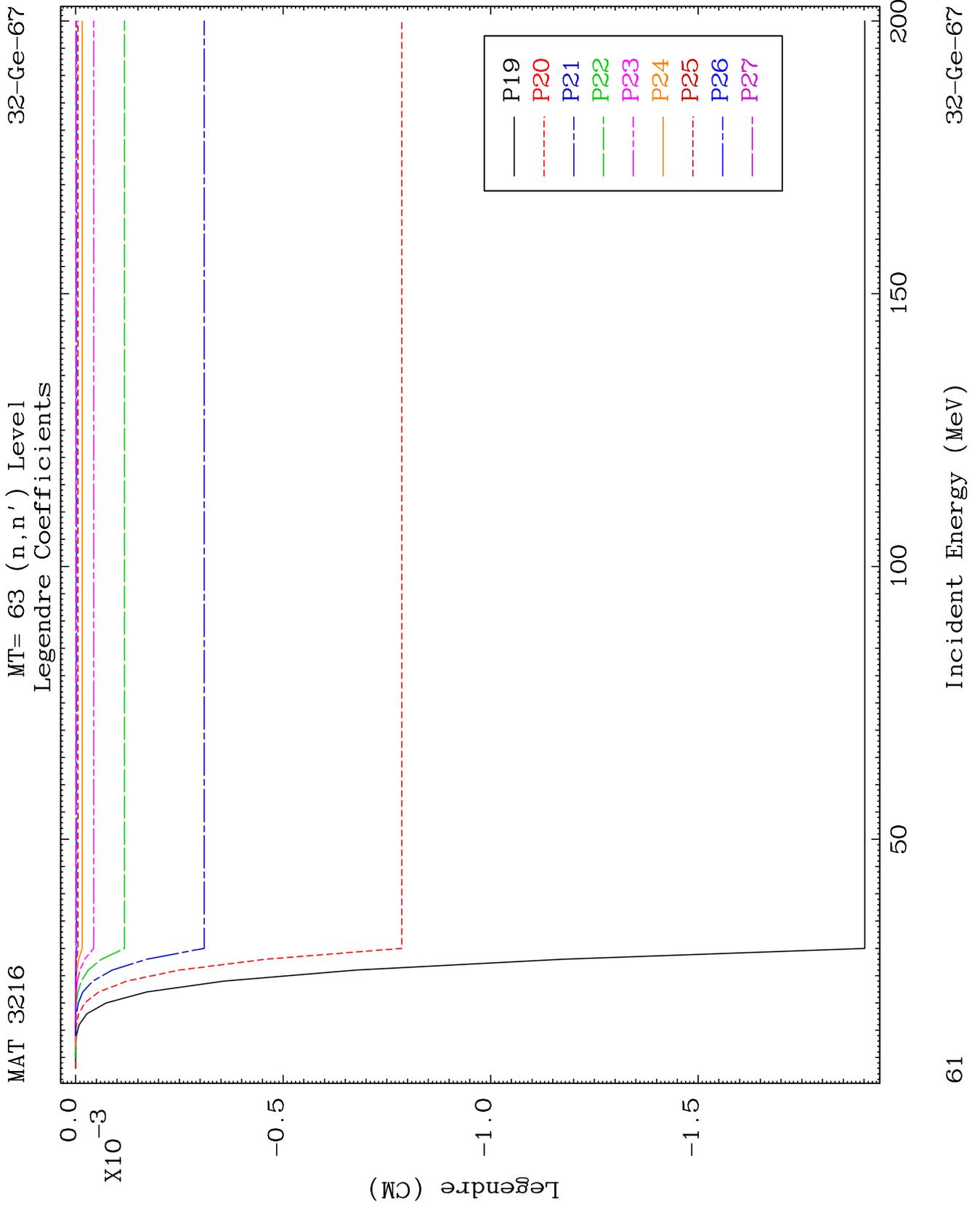
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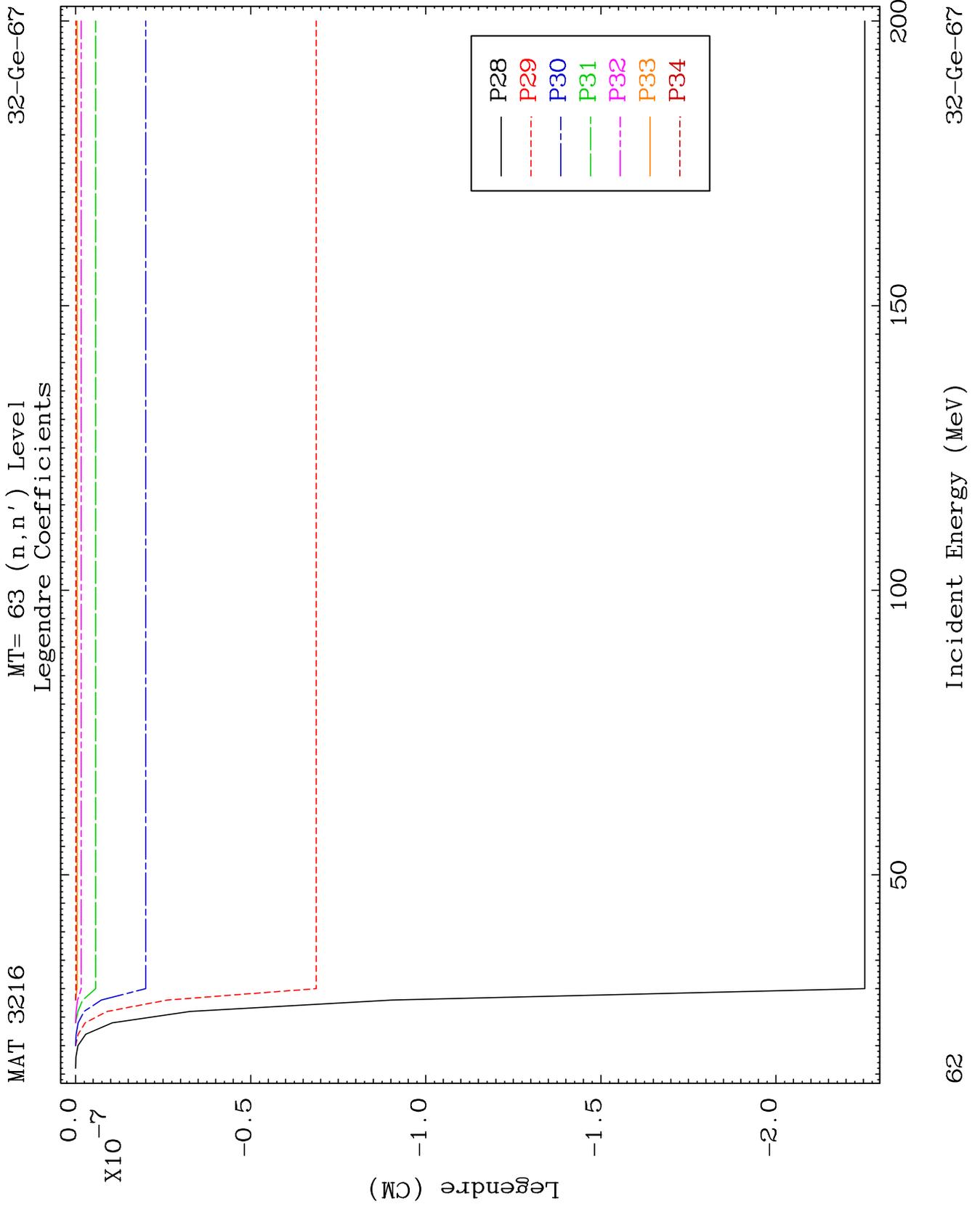


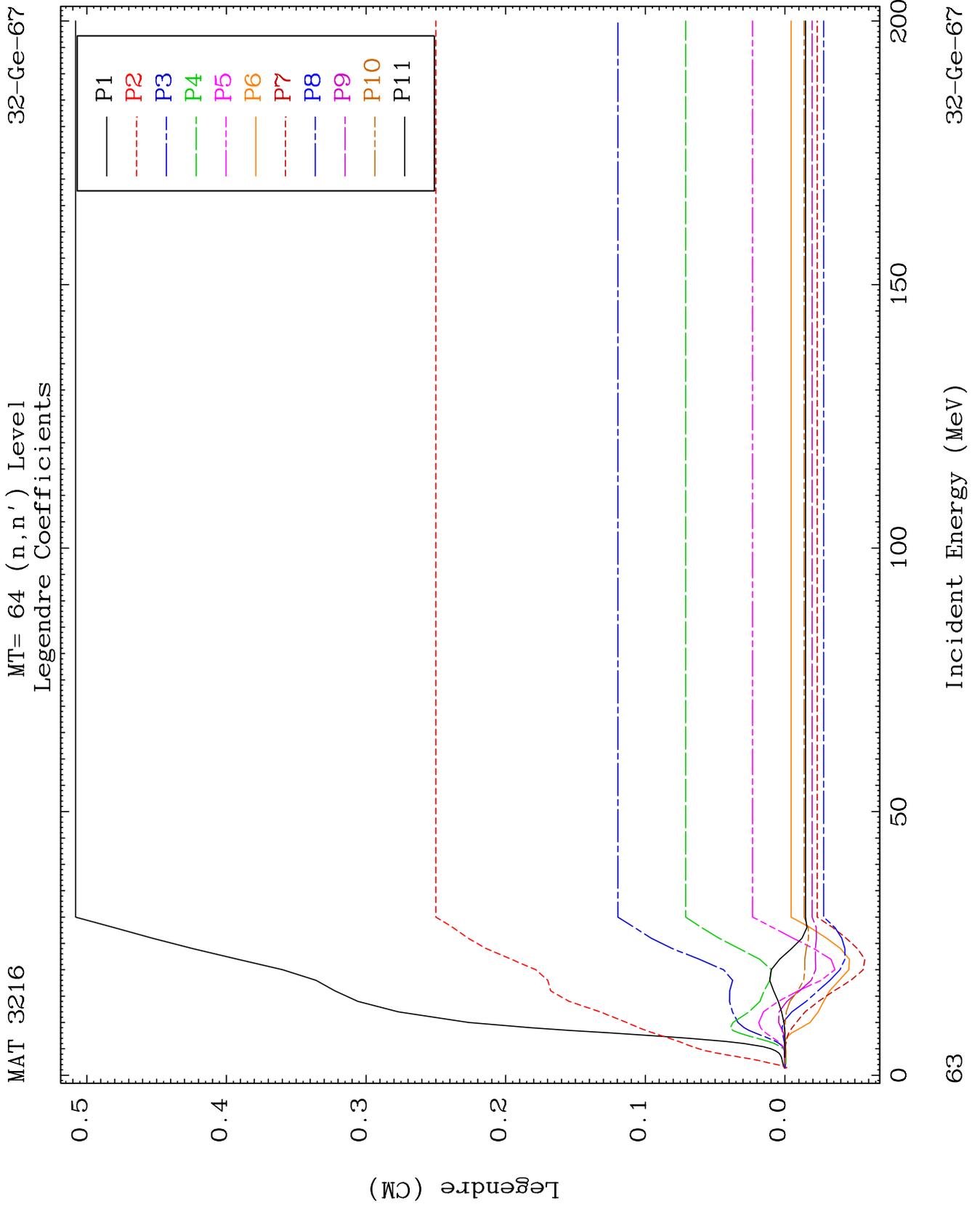
32-Ge-67

Incident Energy (MeV)

60



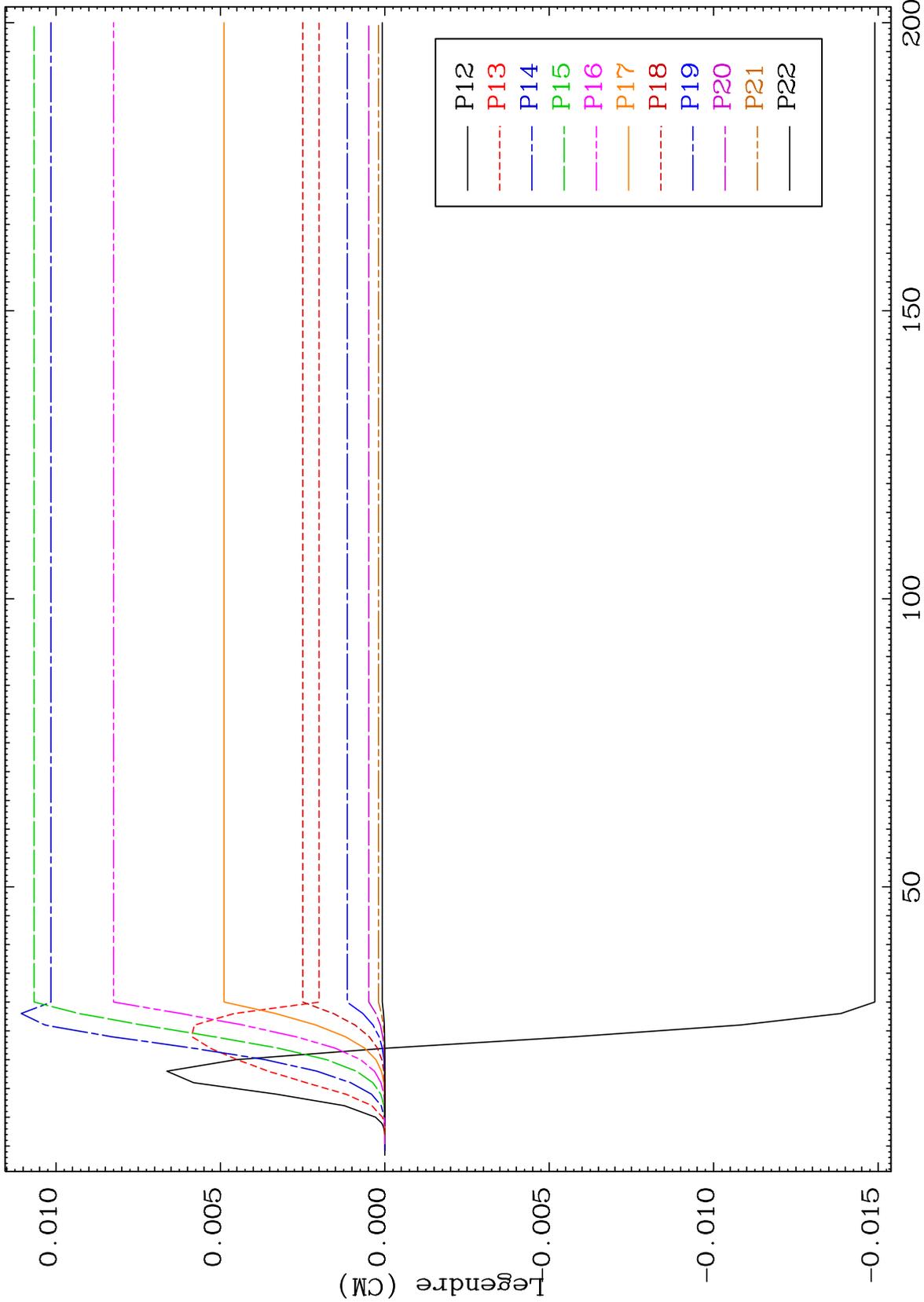




MAT 3216

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

32-Ge-67



64

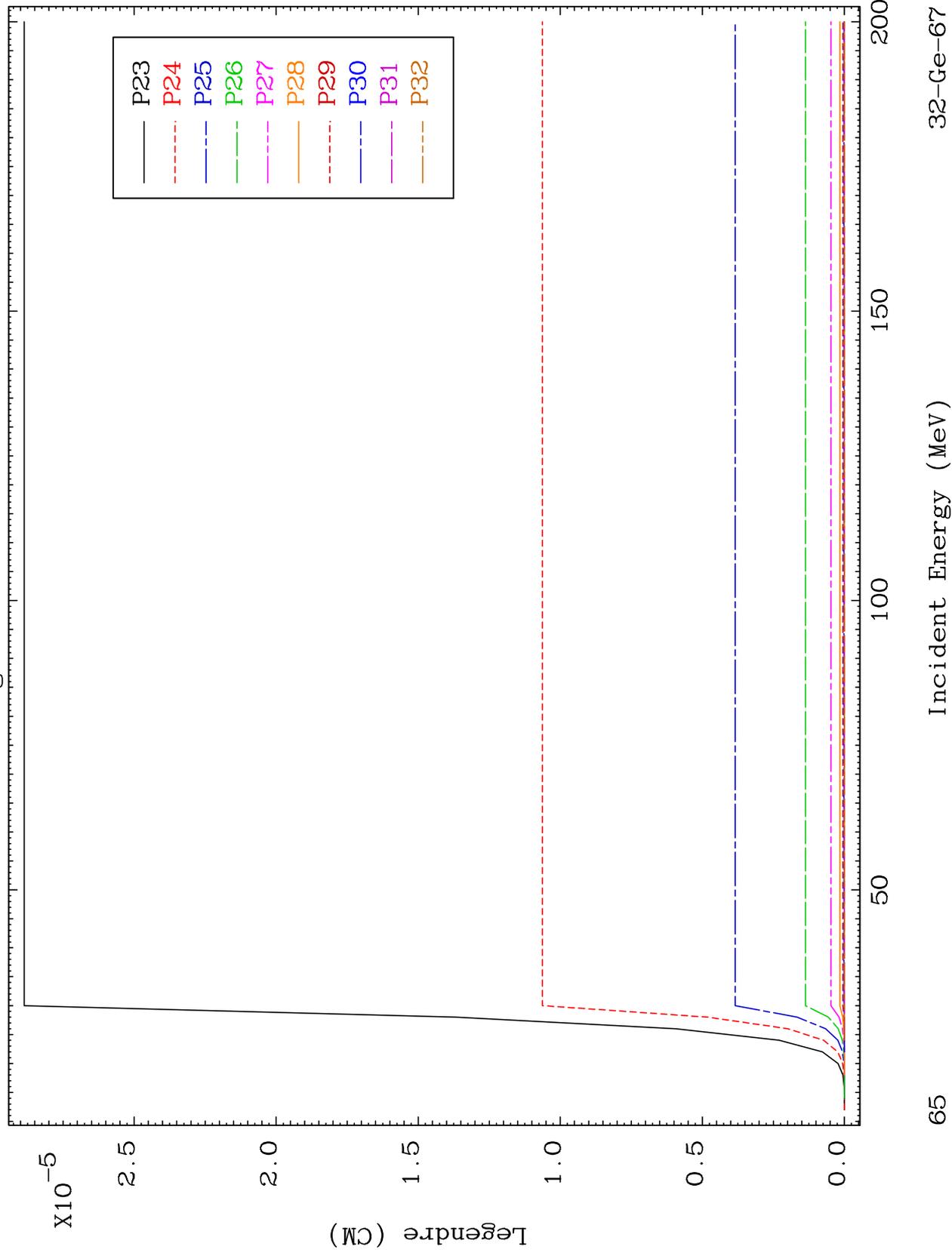
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



65

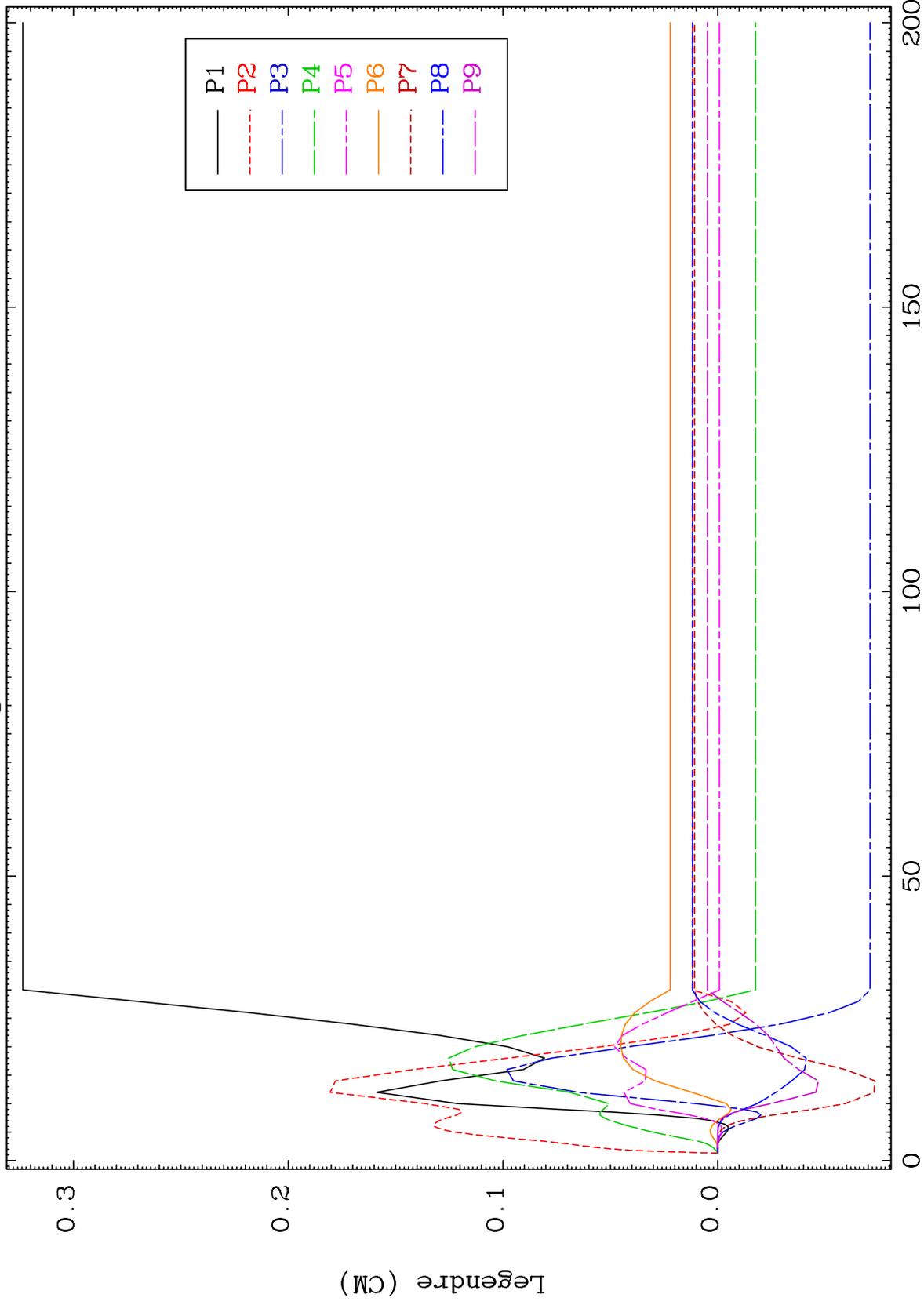
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



66

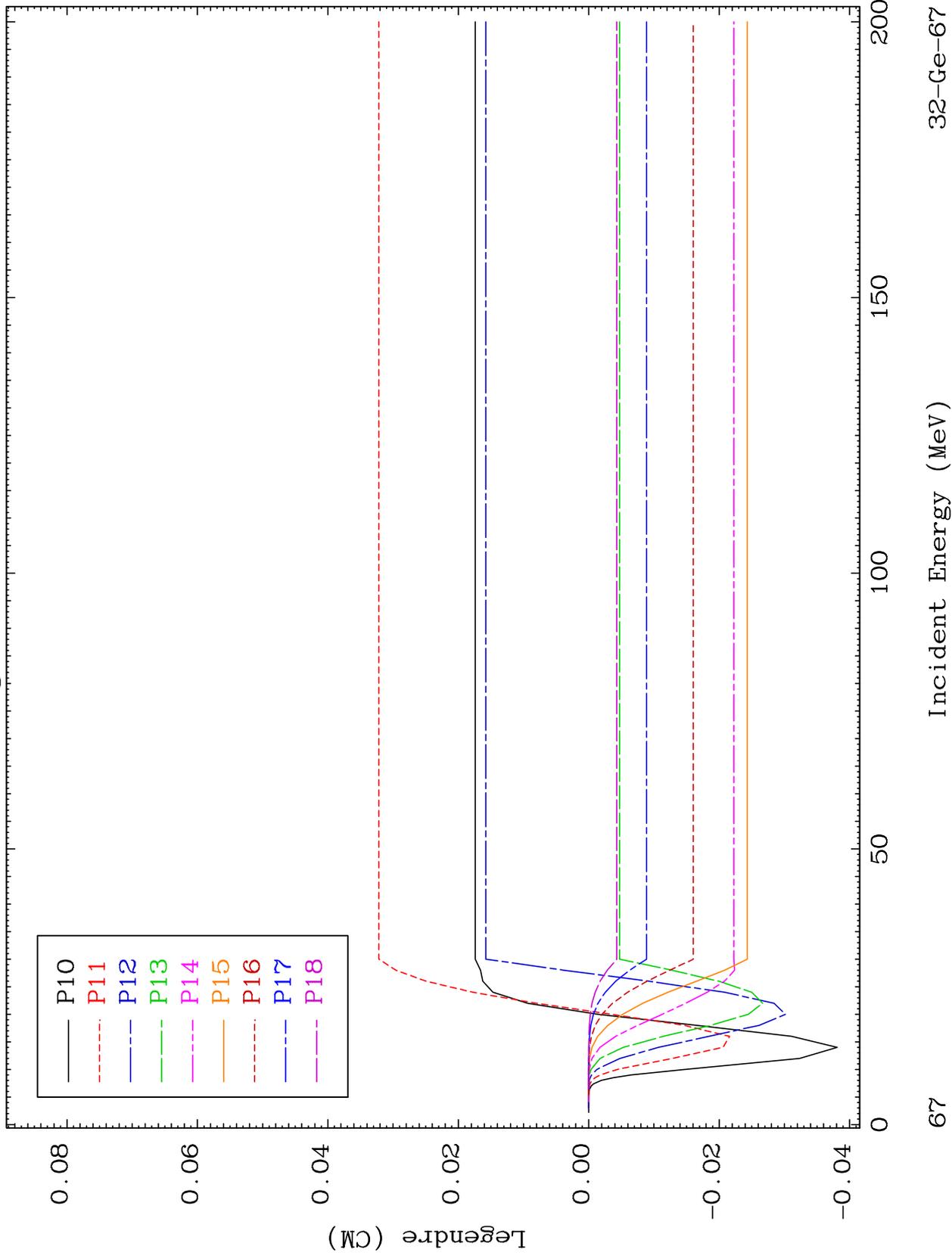
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

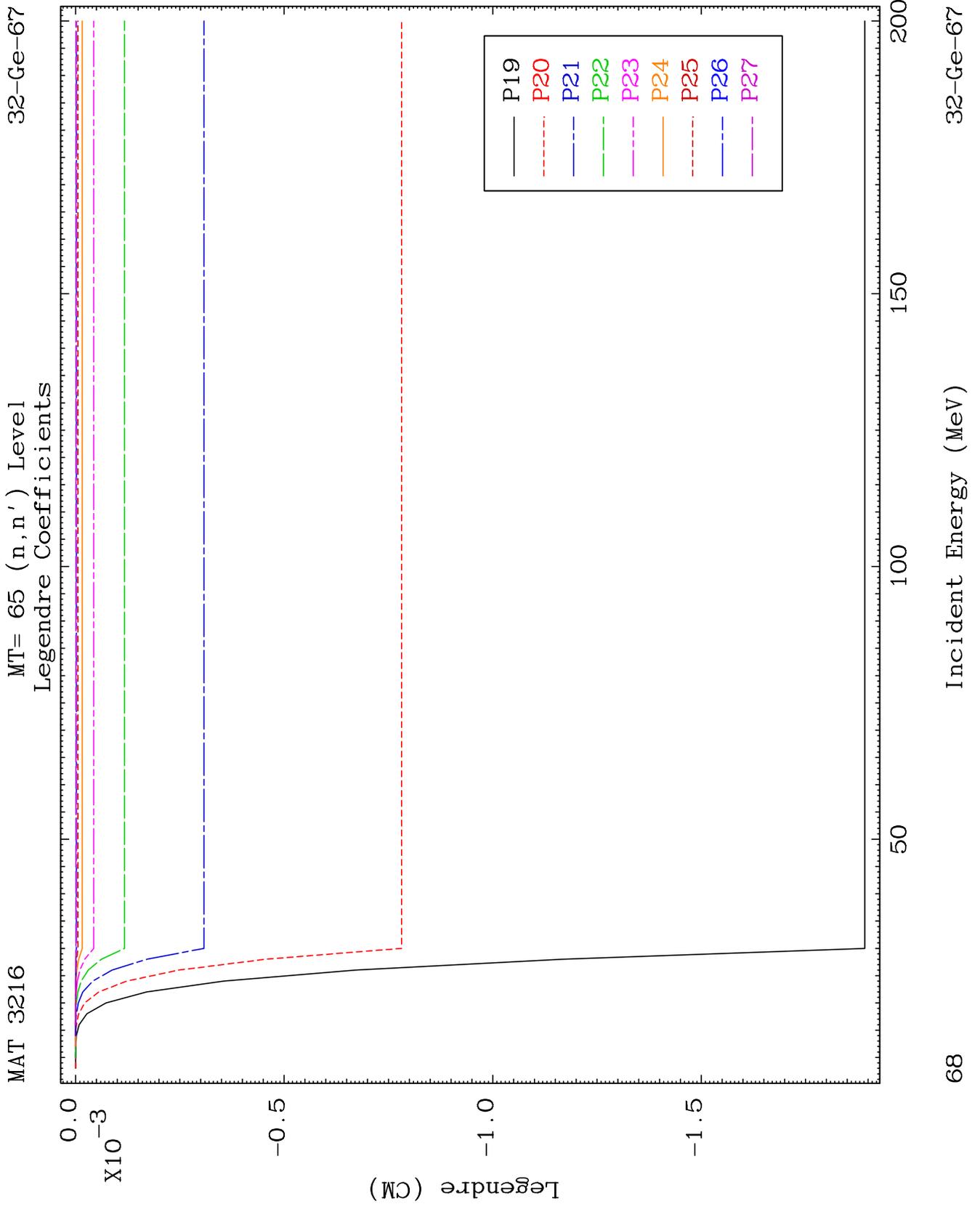
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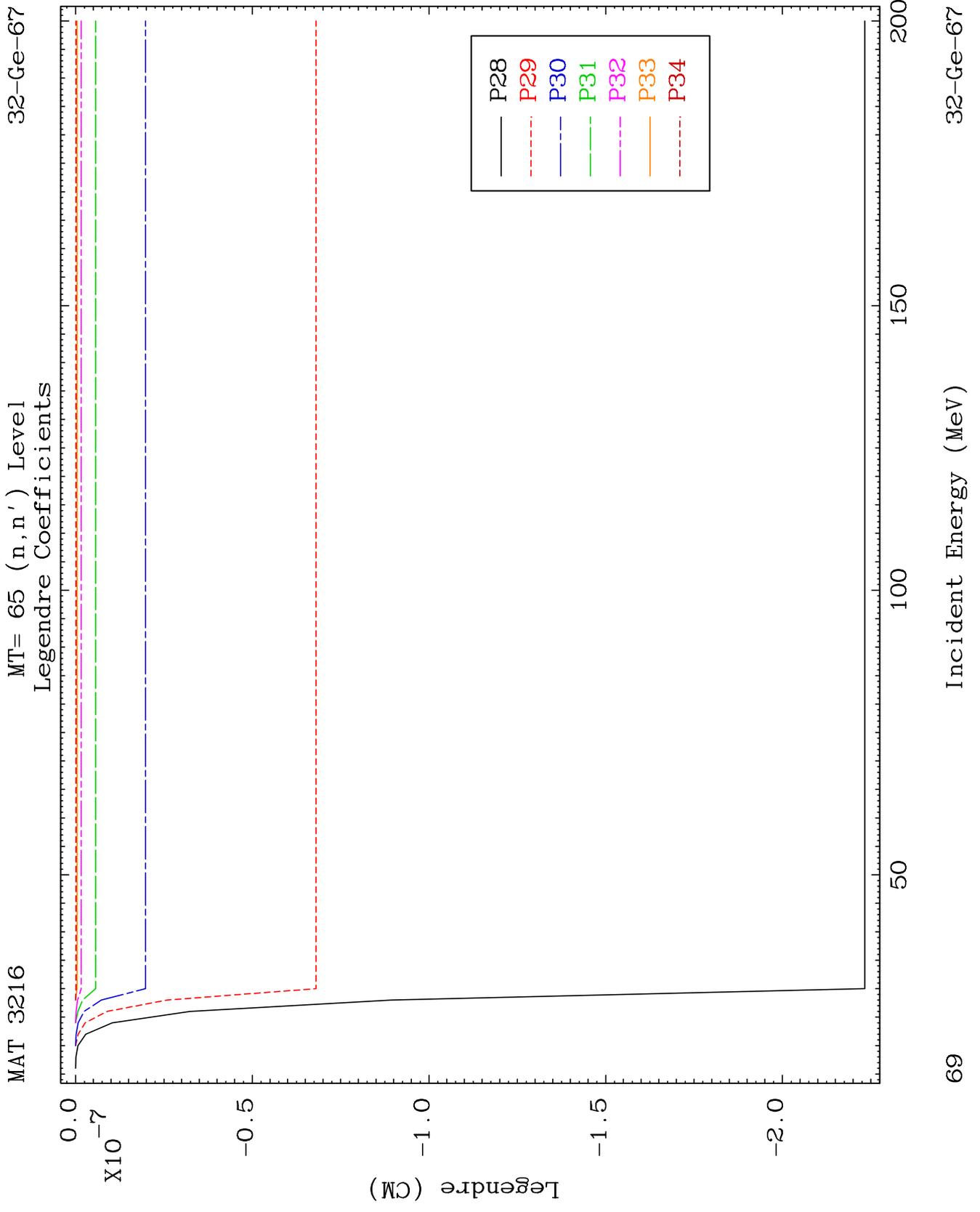


67

Incident Energy (MeV)

32-Ge-67

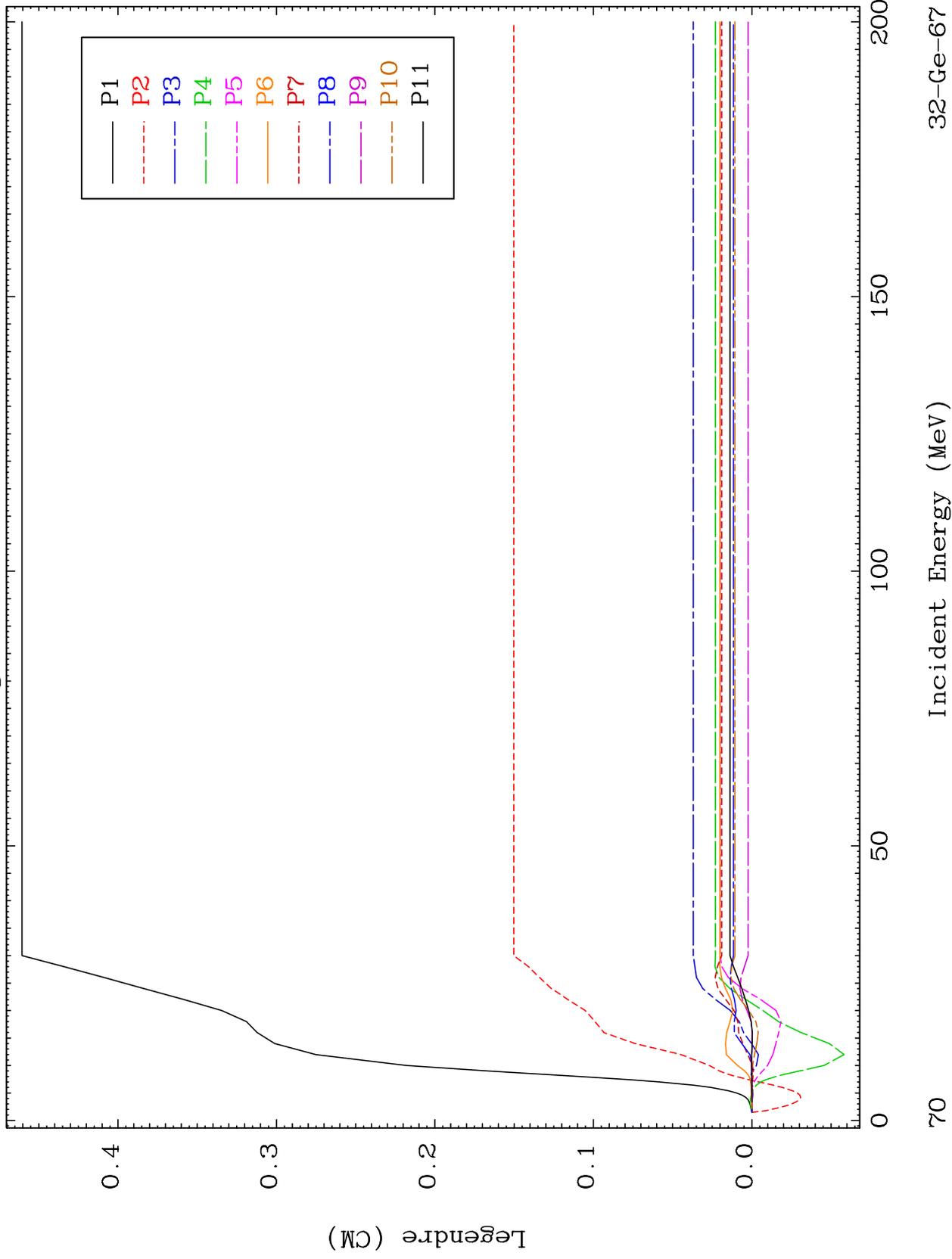




MAT 3216

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

32-Ge-67



32-Ge-67

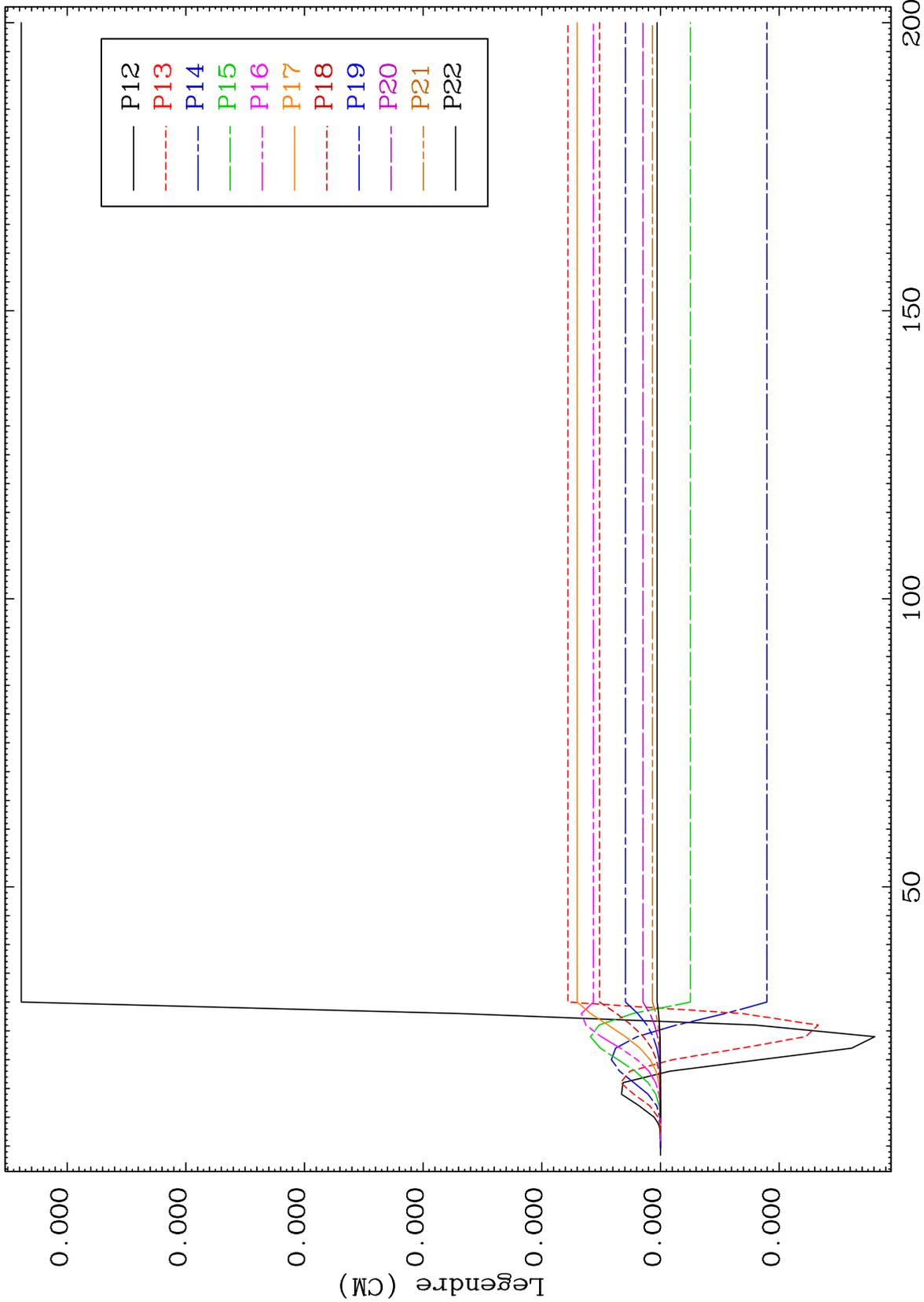
Incident Energy (MeV)

70

MAT 3216

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

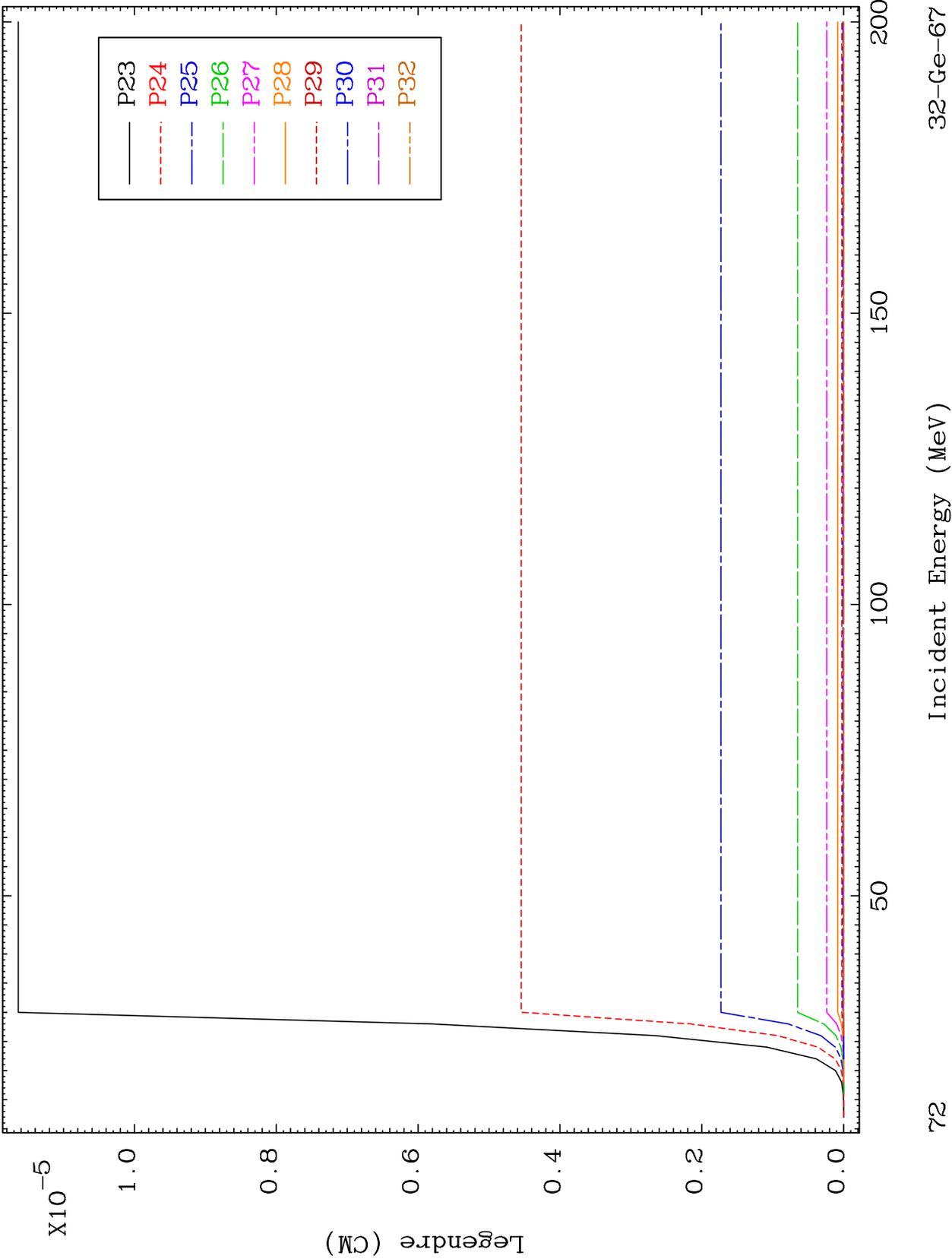
32-Ge-67



MAT 3216

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

32-Ge-67



72

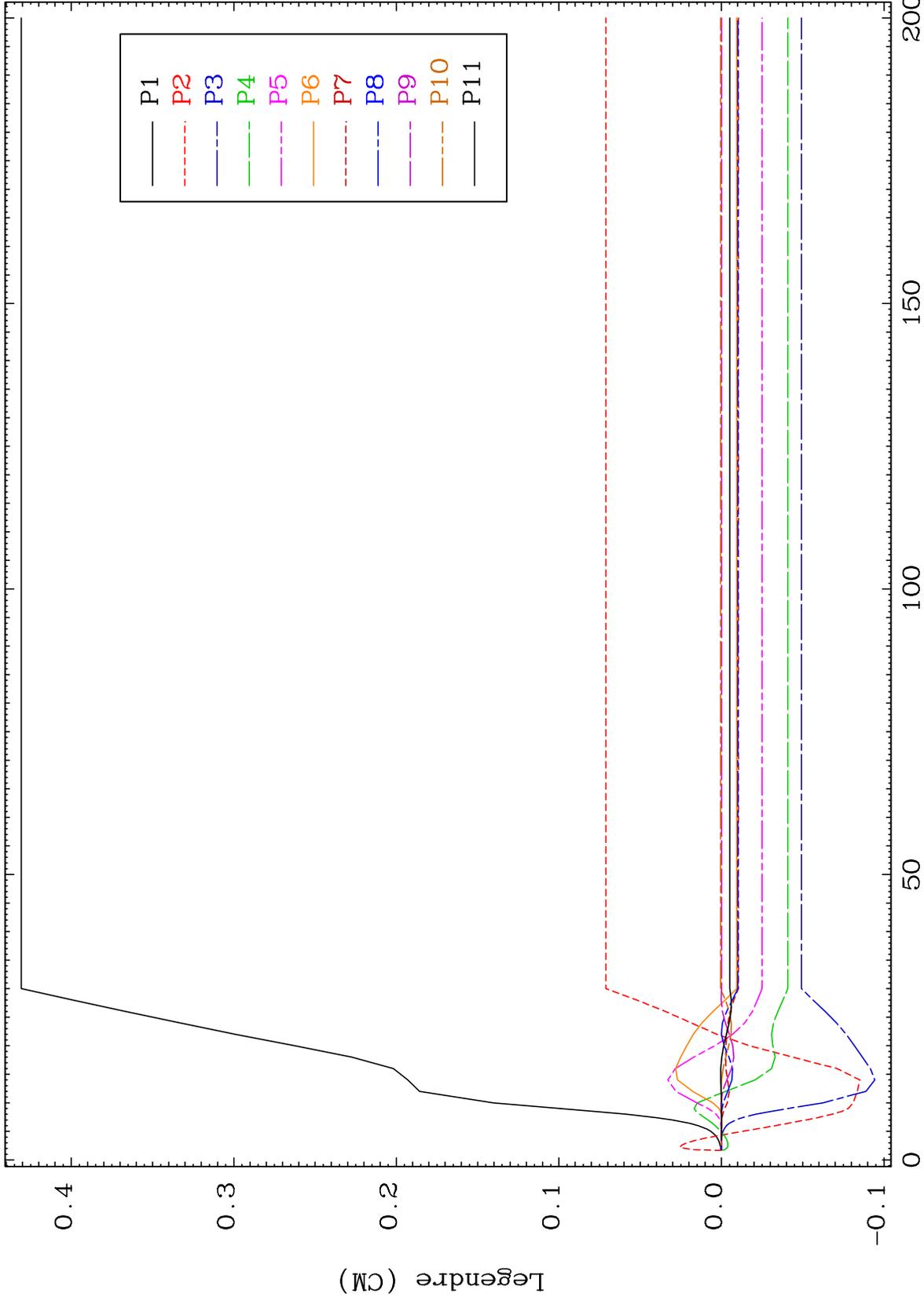
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



73

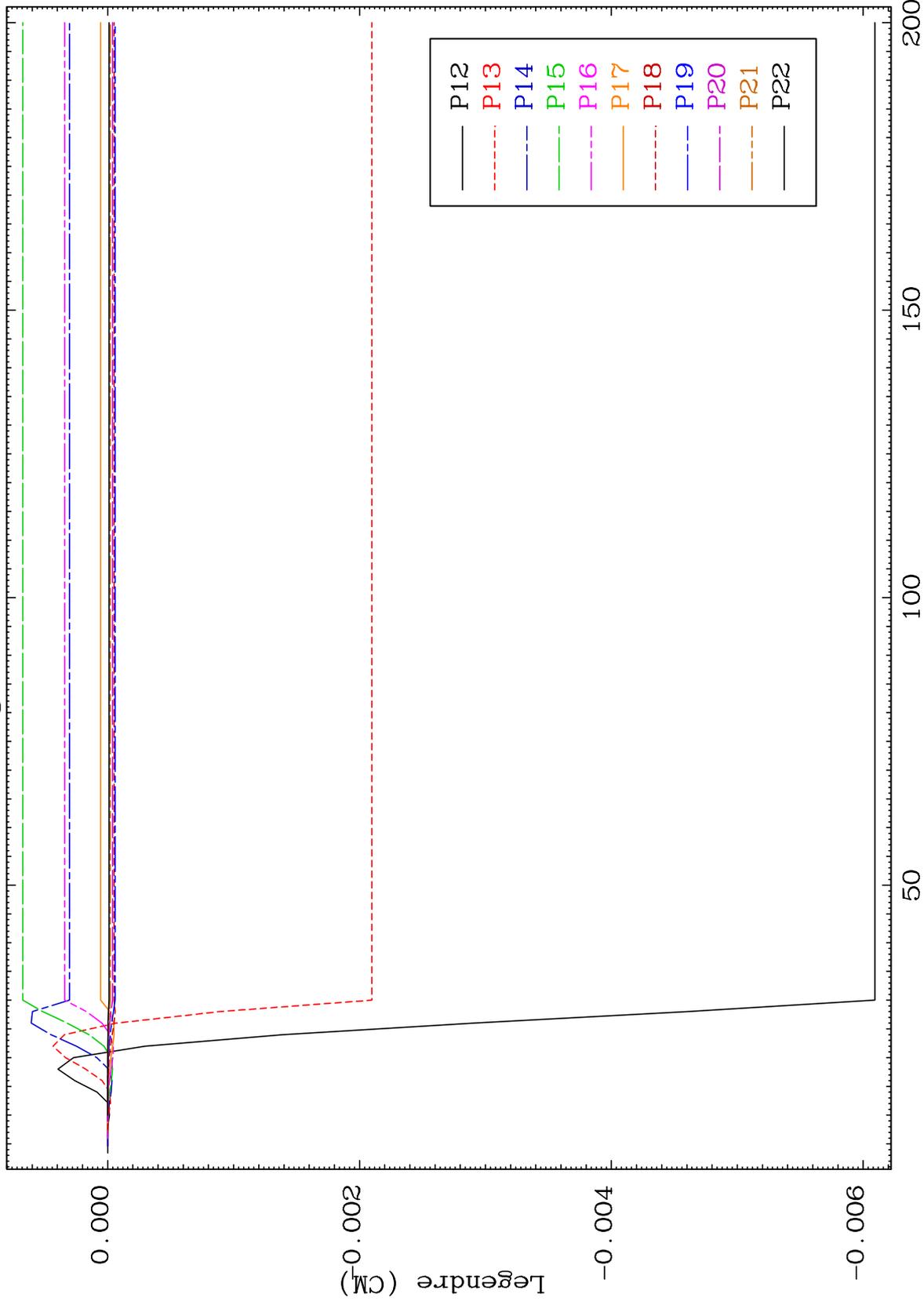
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



74

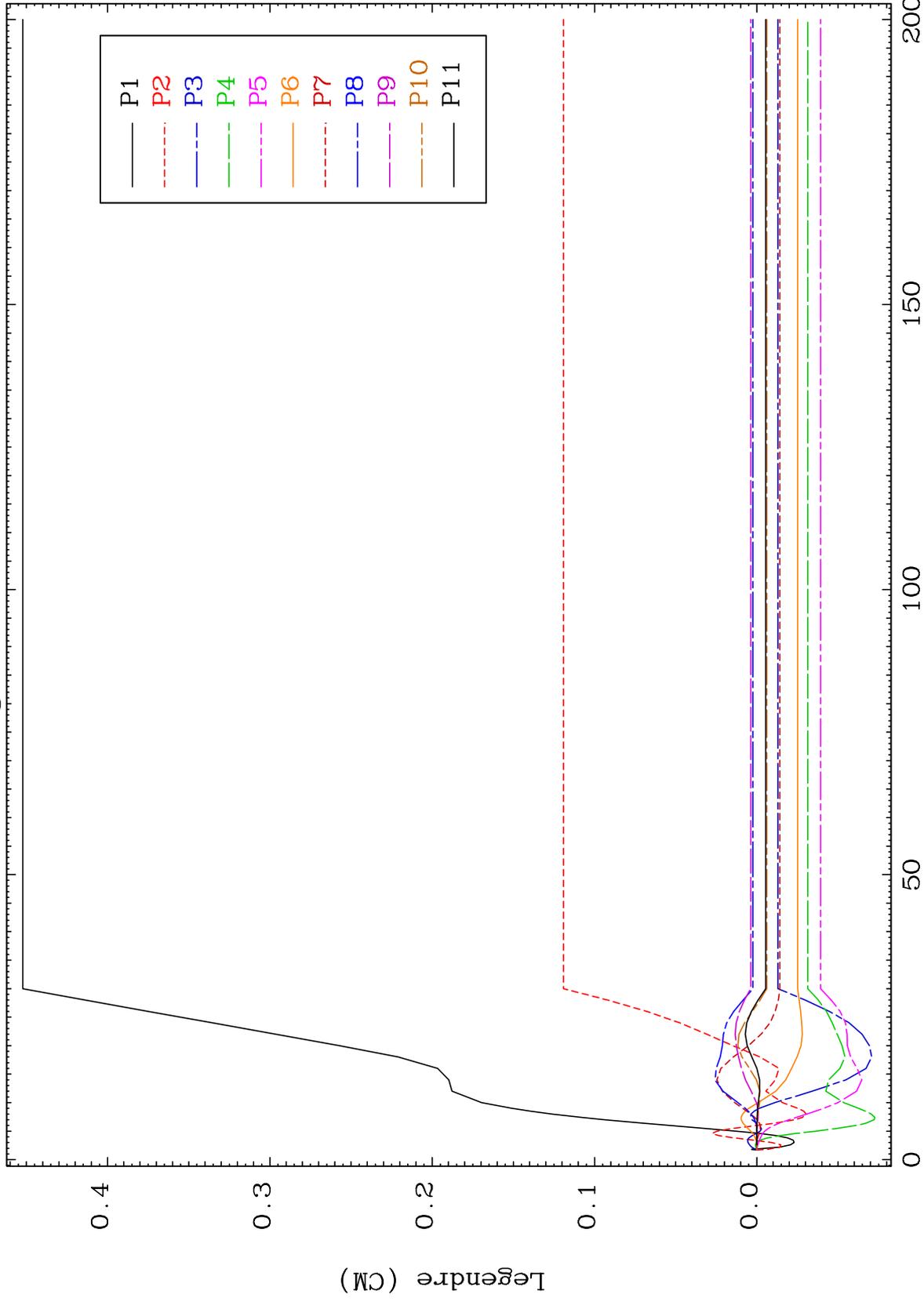
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



76

Incident Energy (MeV)

32-Ge-67

200

150

100

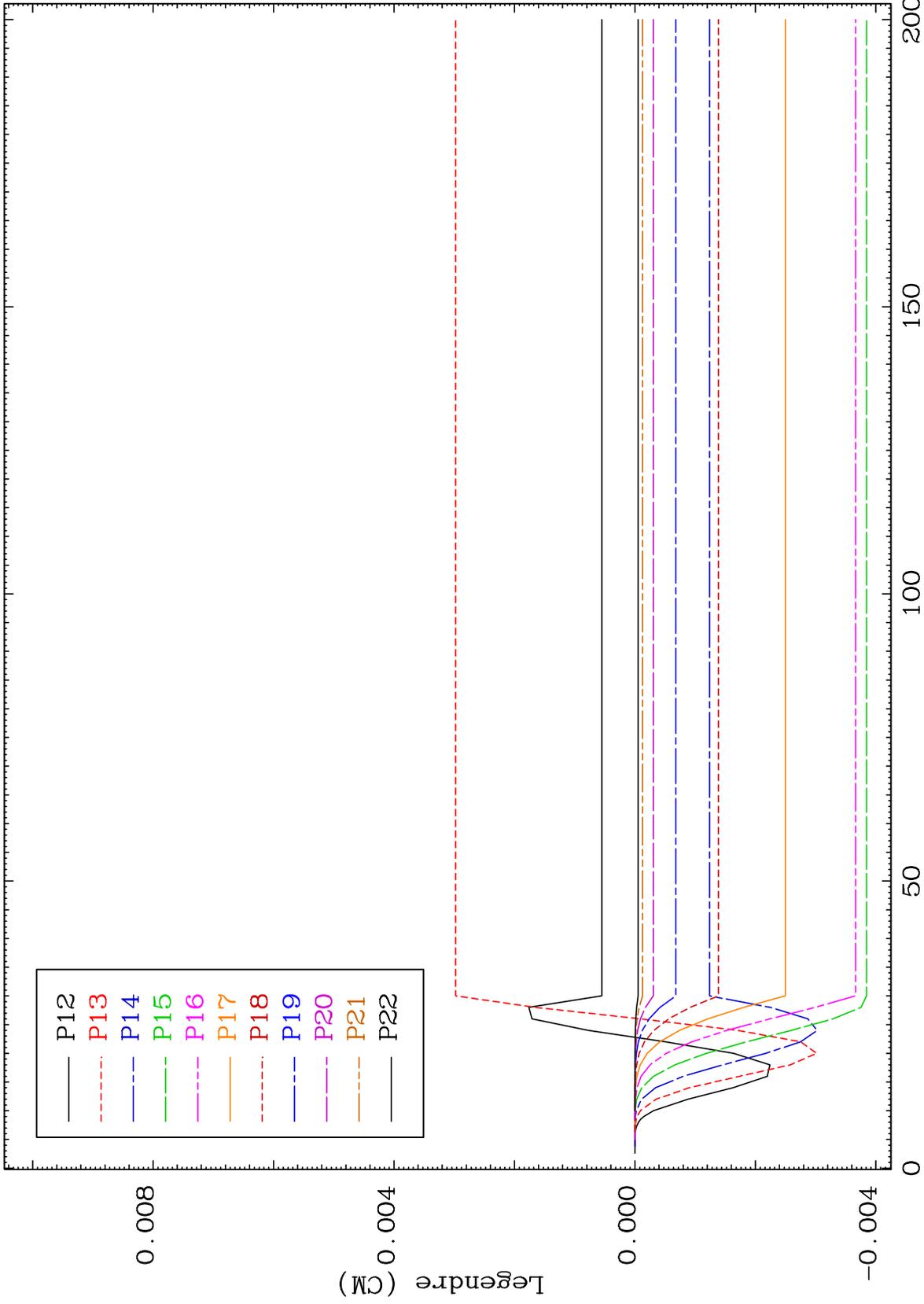
50

0

MAT 3216

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

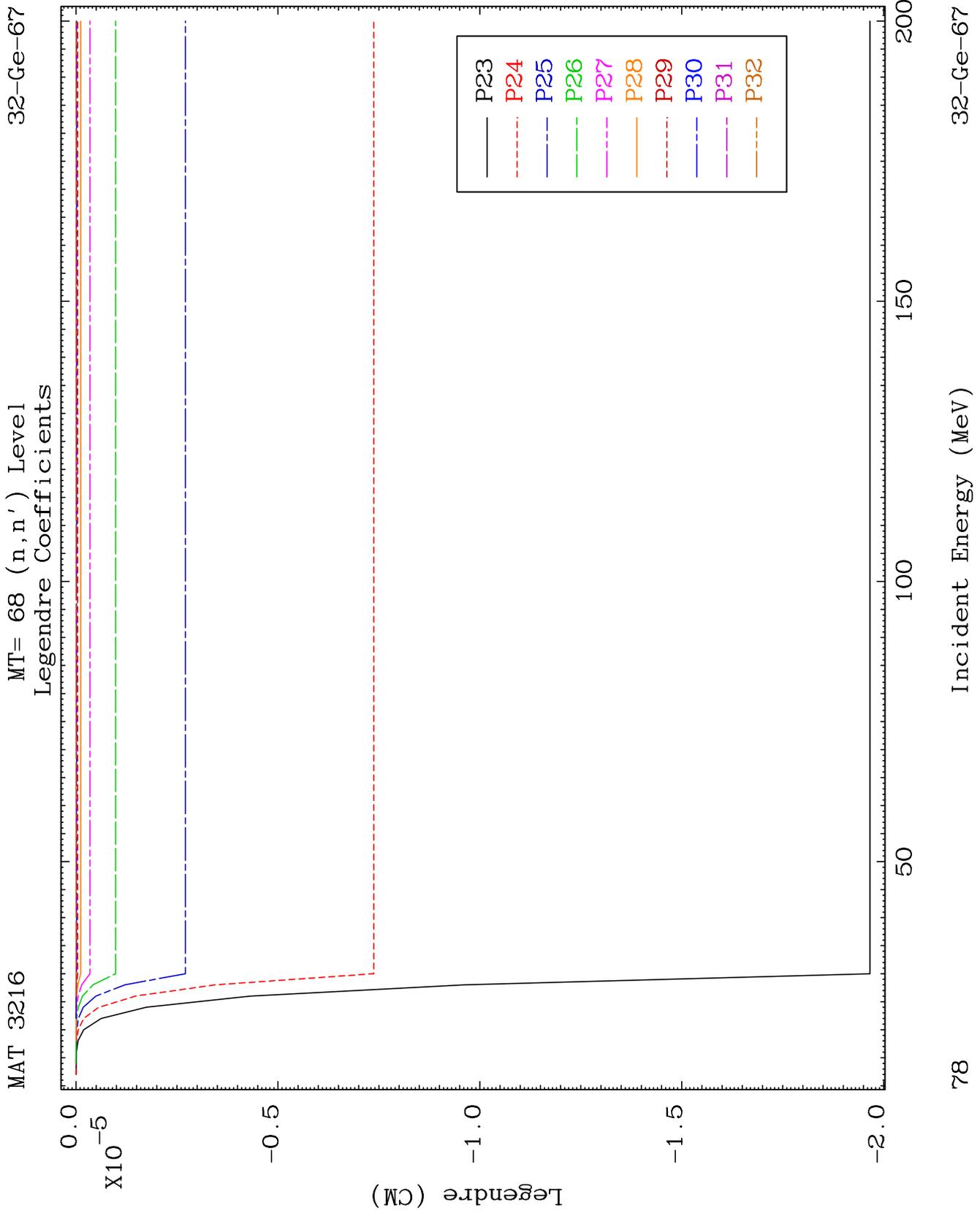
32-Ge-67



77

Incident Energy (MeV)

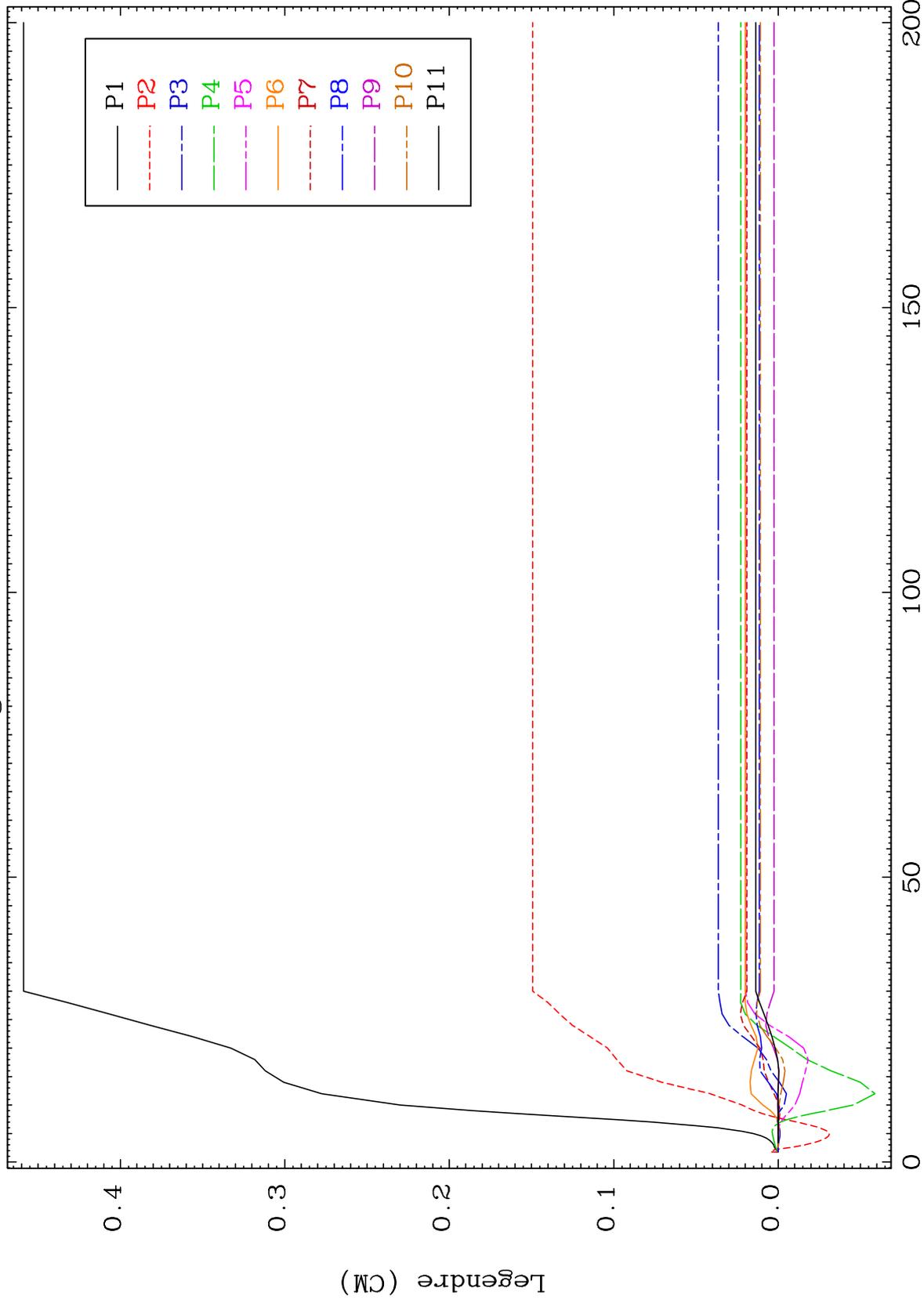
32-Ge-67



MAT 3216

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

32-Ge-67



79

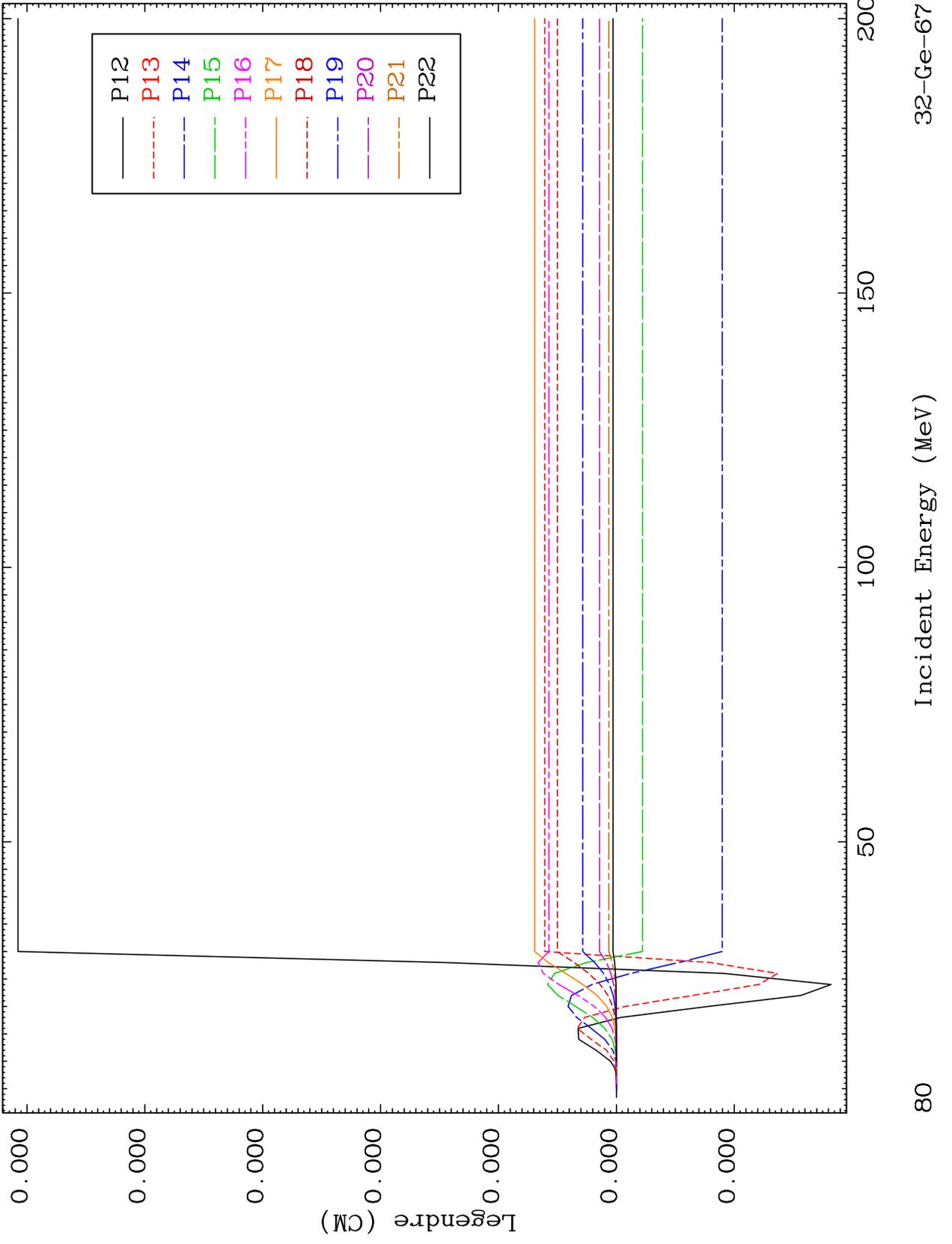
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



80

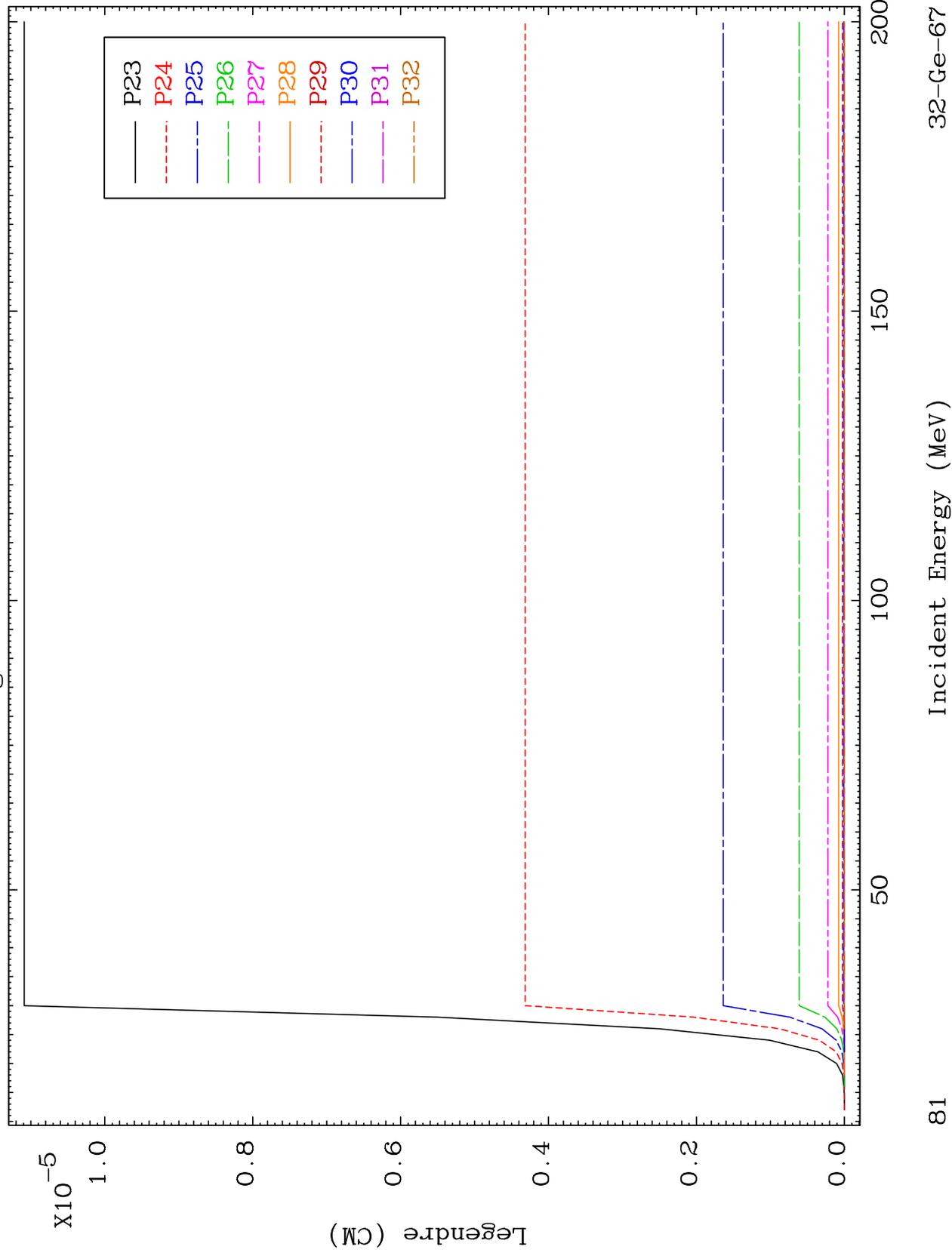
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



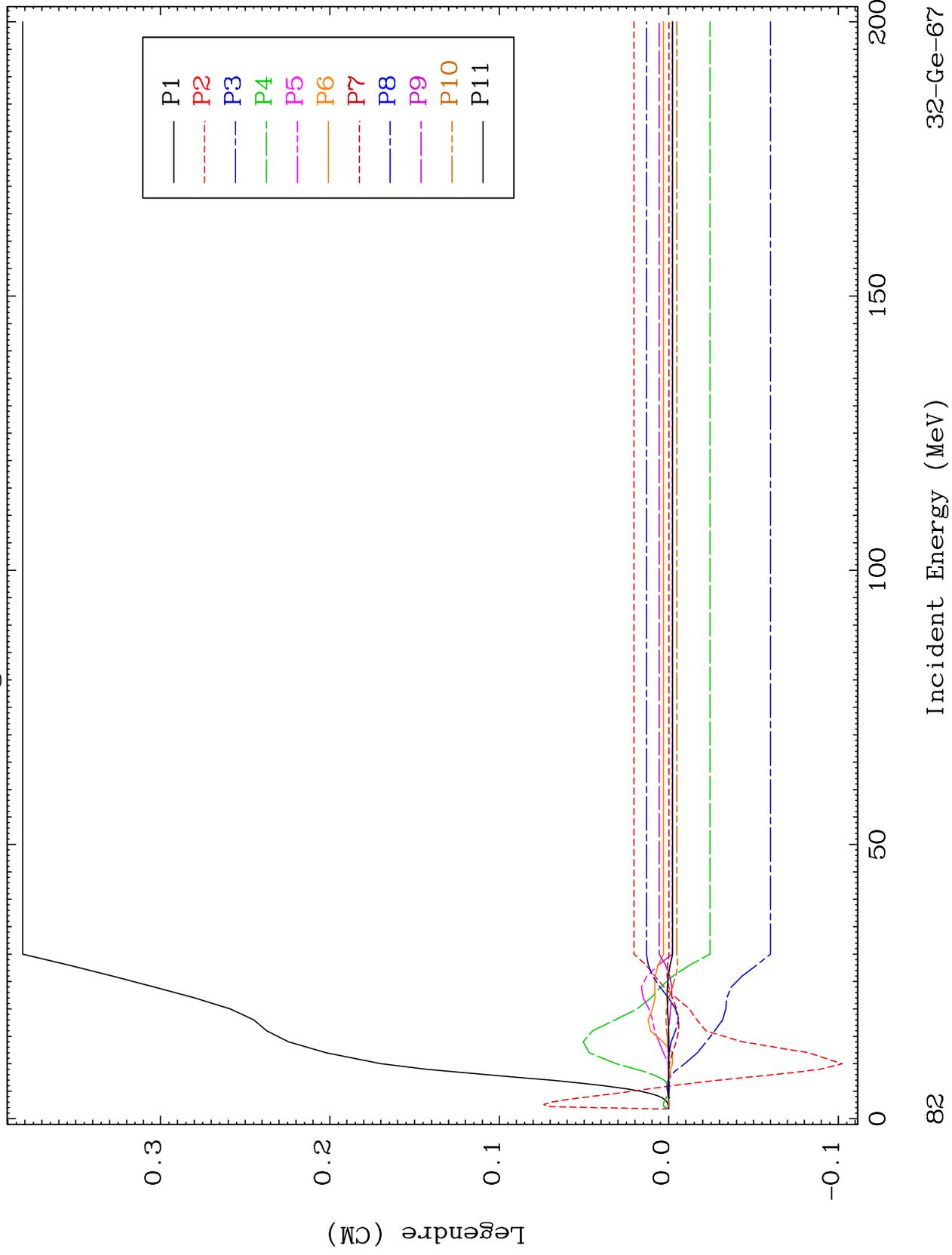
81

32-Ge-67

MAT 3216

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

32-Ge-67



32-Ge-67

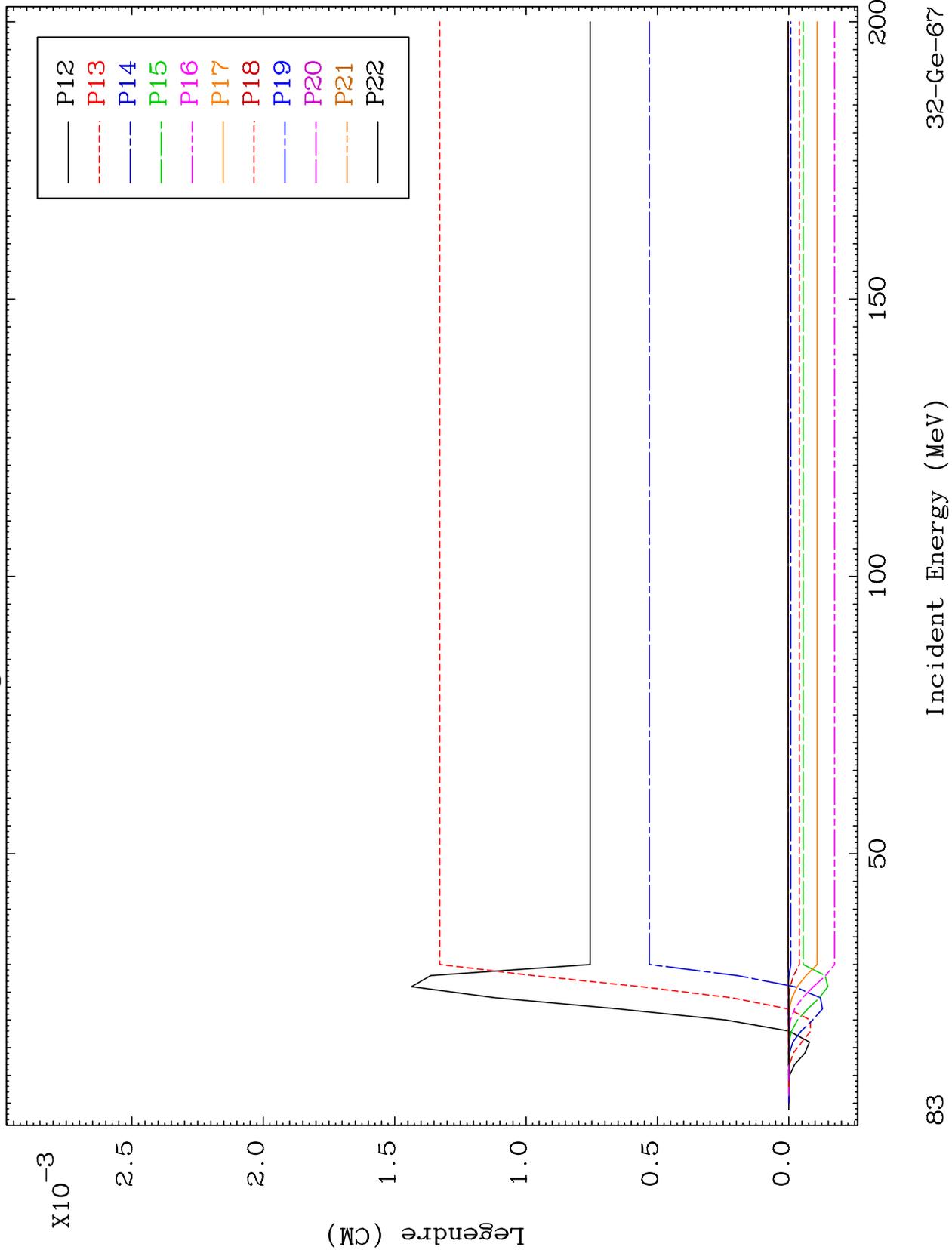
Incident Energy (MeV)

82

MAT 3216

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

32-Ge-67



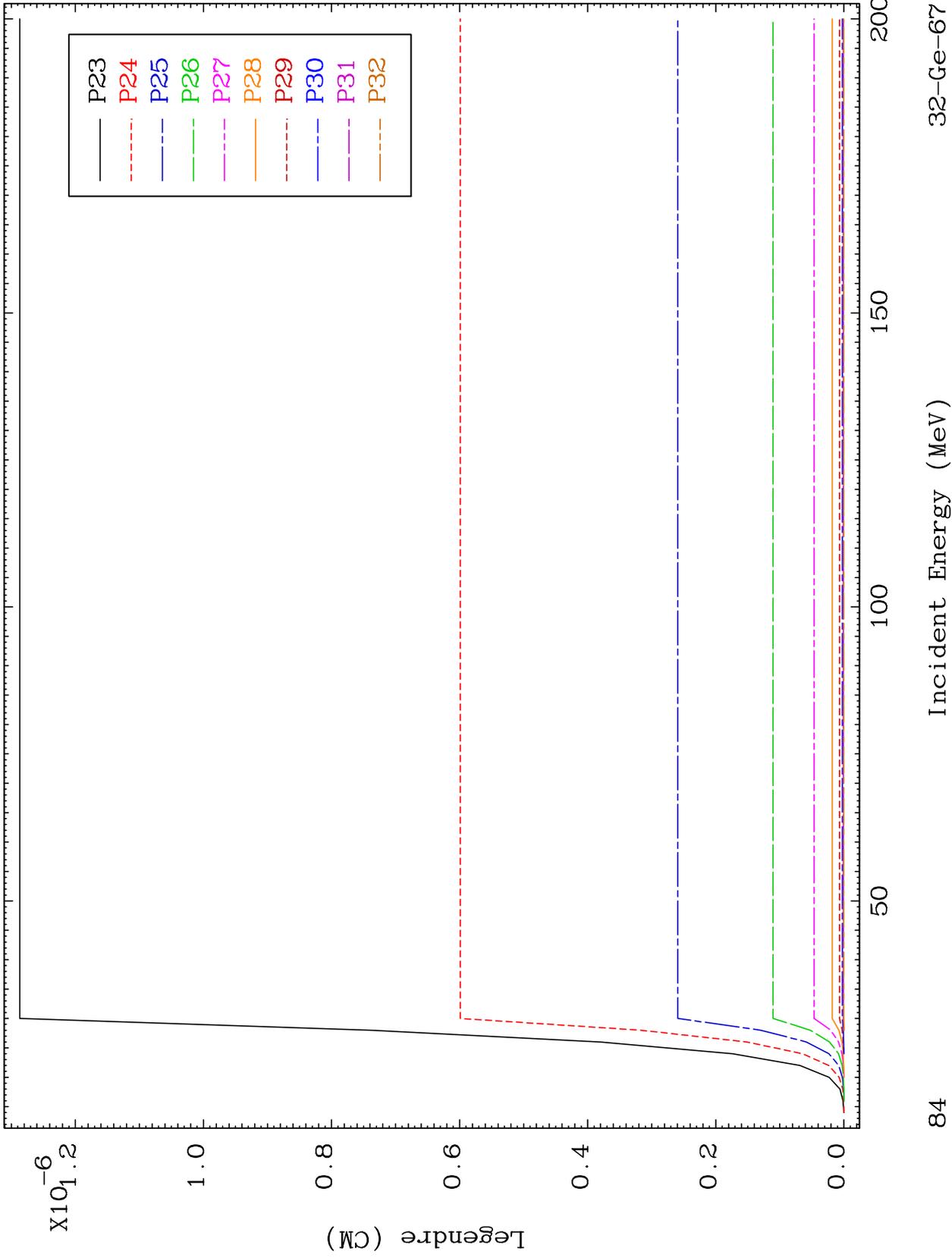
83

32-Ge-67

MAT 3216

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

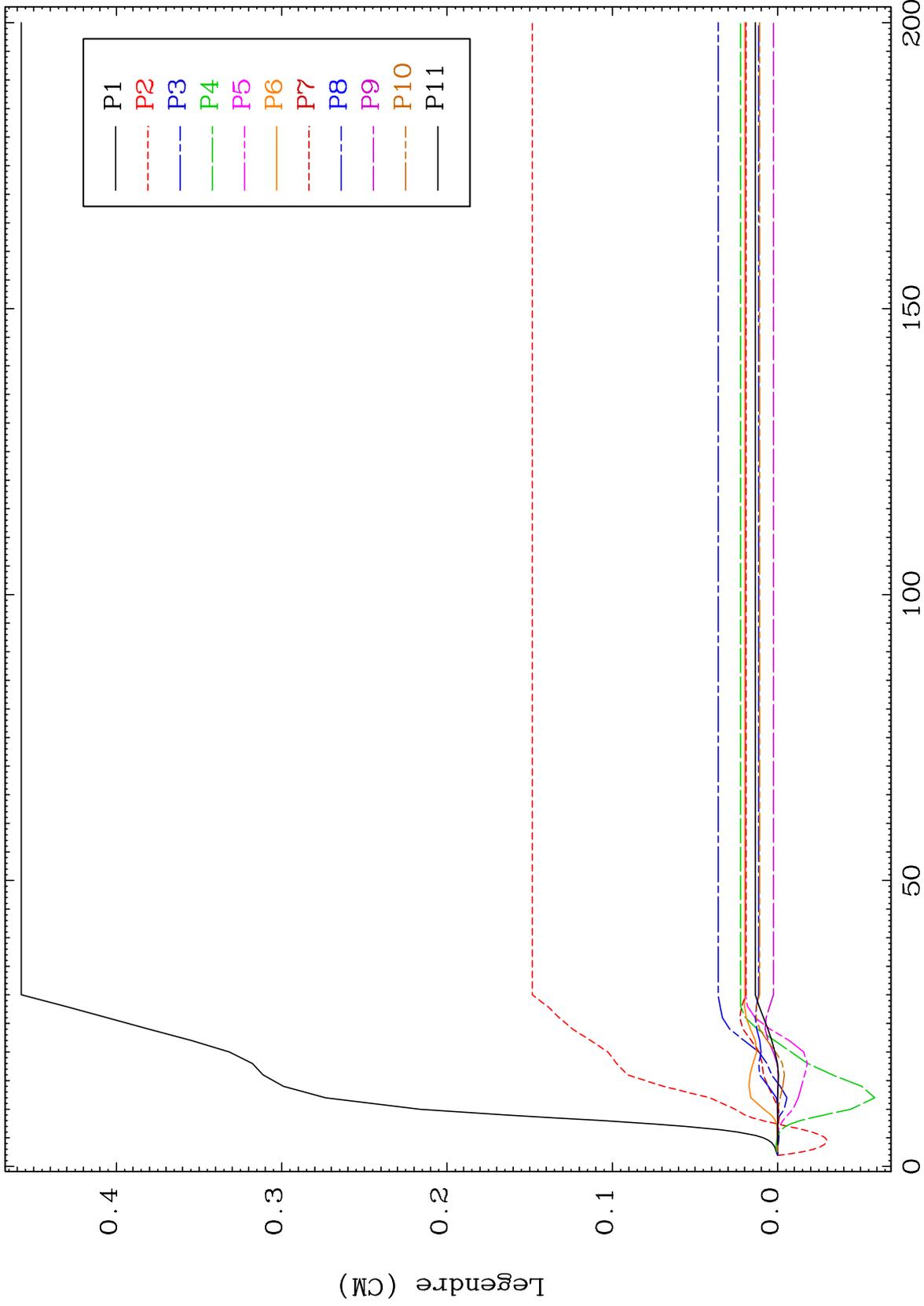
32-Ge-67



MAT 3216

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

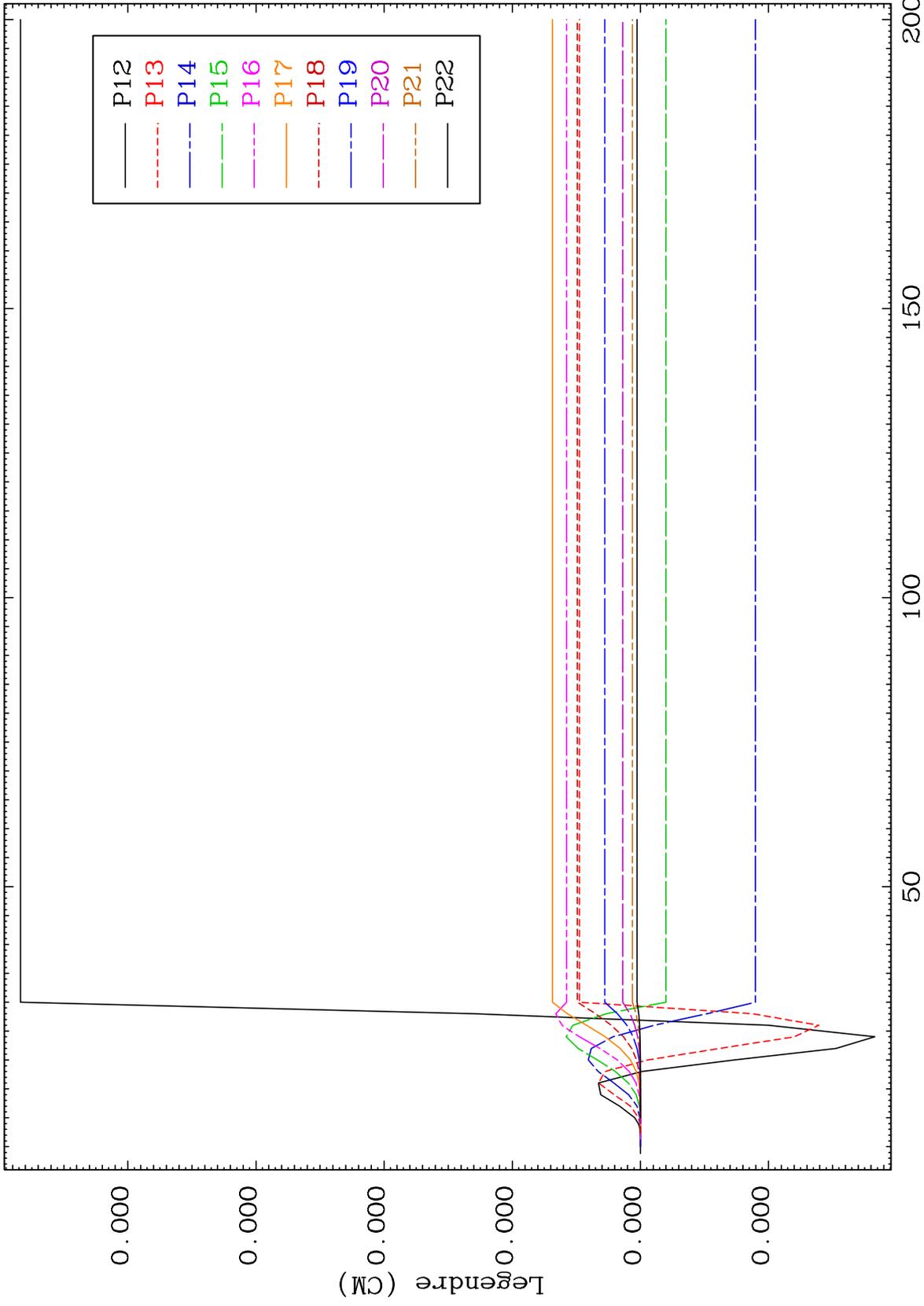
32-Ge-67



85

Incident Energy (MeV)

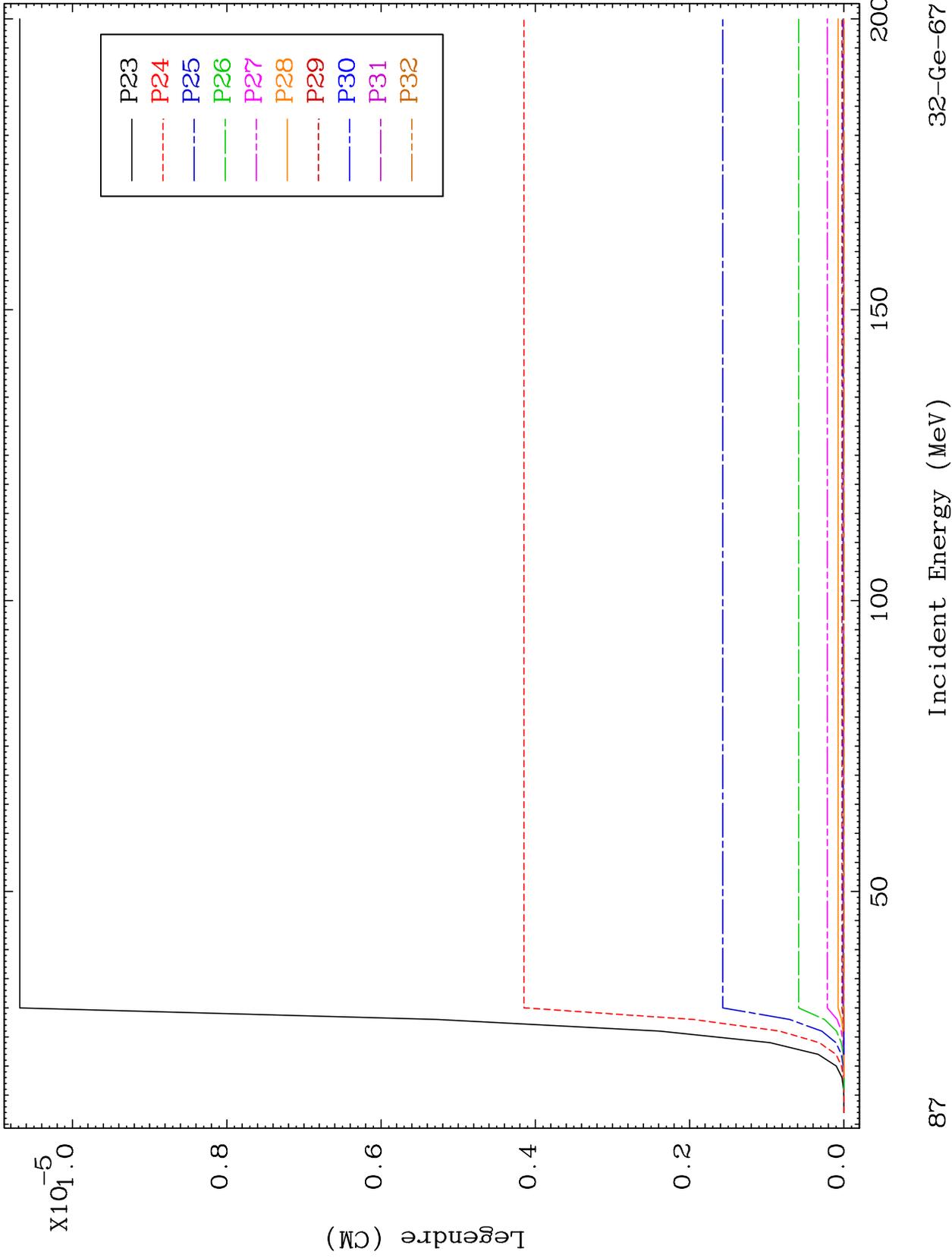
32-Ge-67



MAT 3216

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

32-Ge-67



87

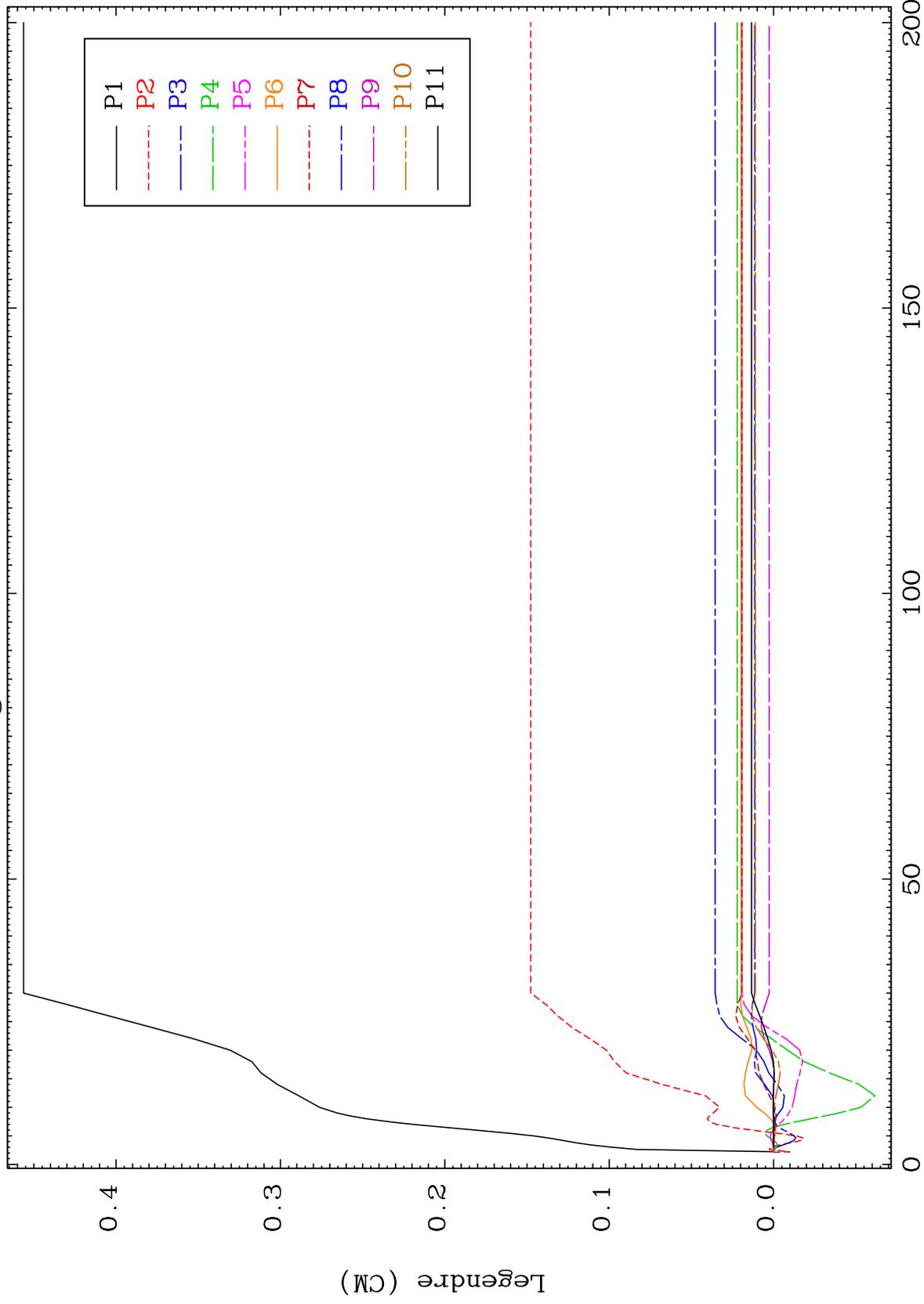
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



88

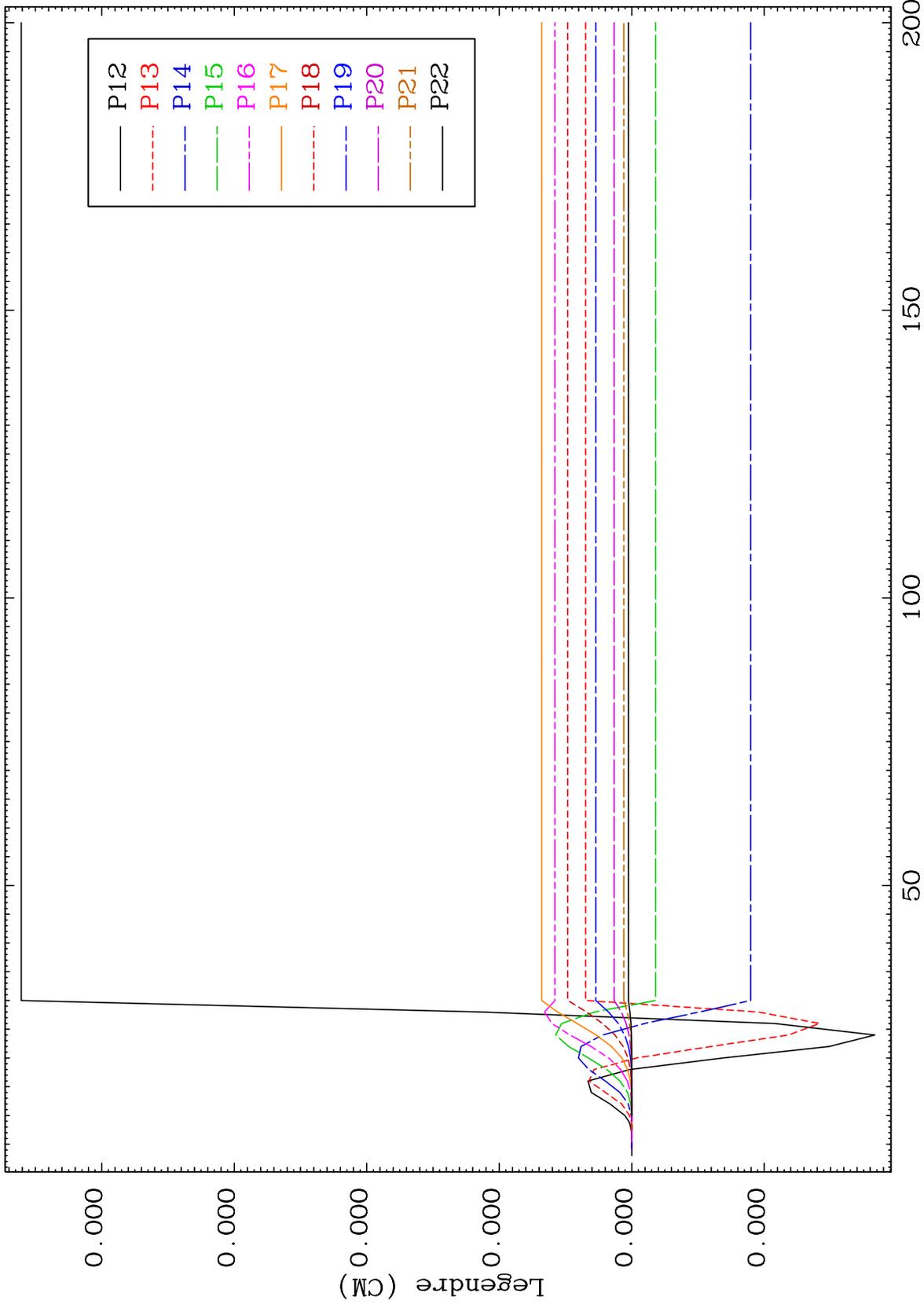
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



89

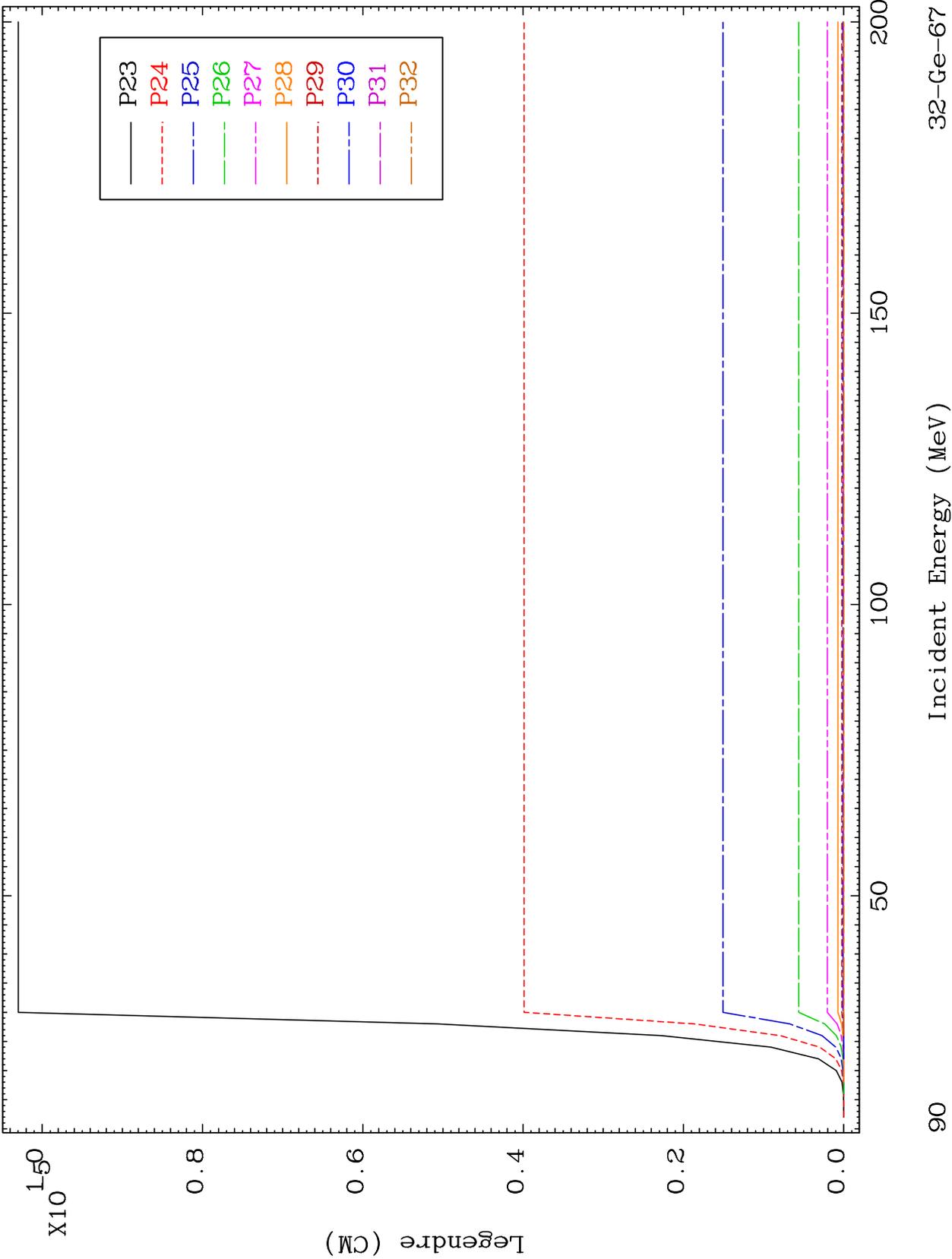
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

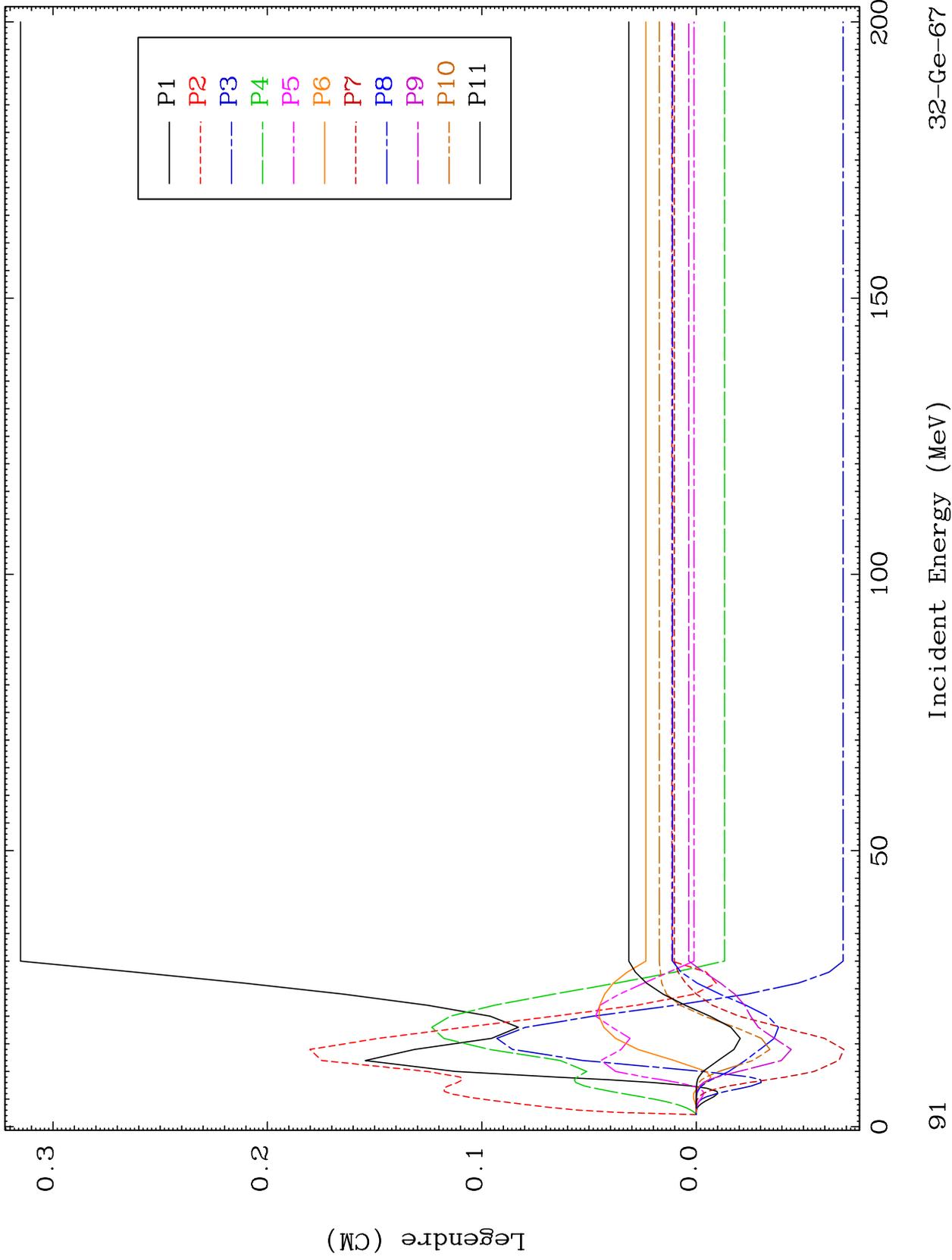
32-Ge-67



MAT 3216

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

32-Ge-67



91

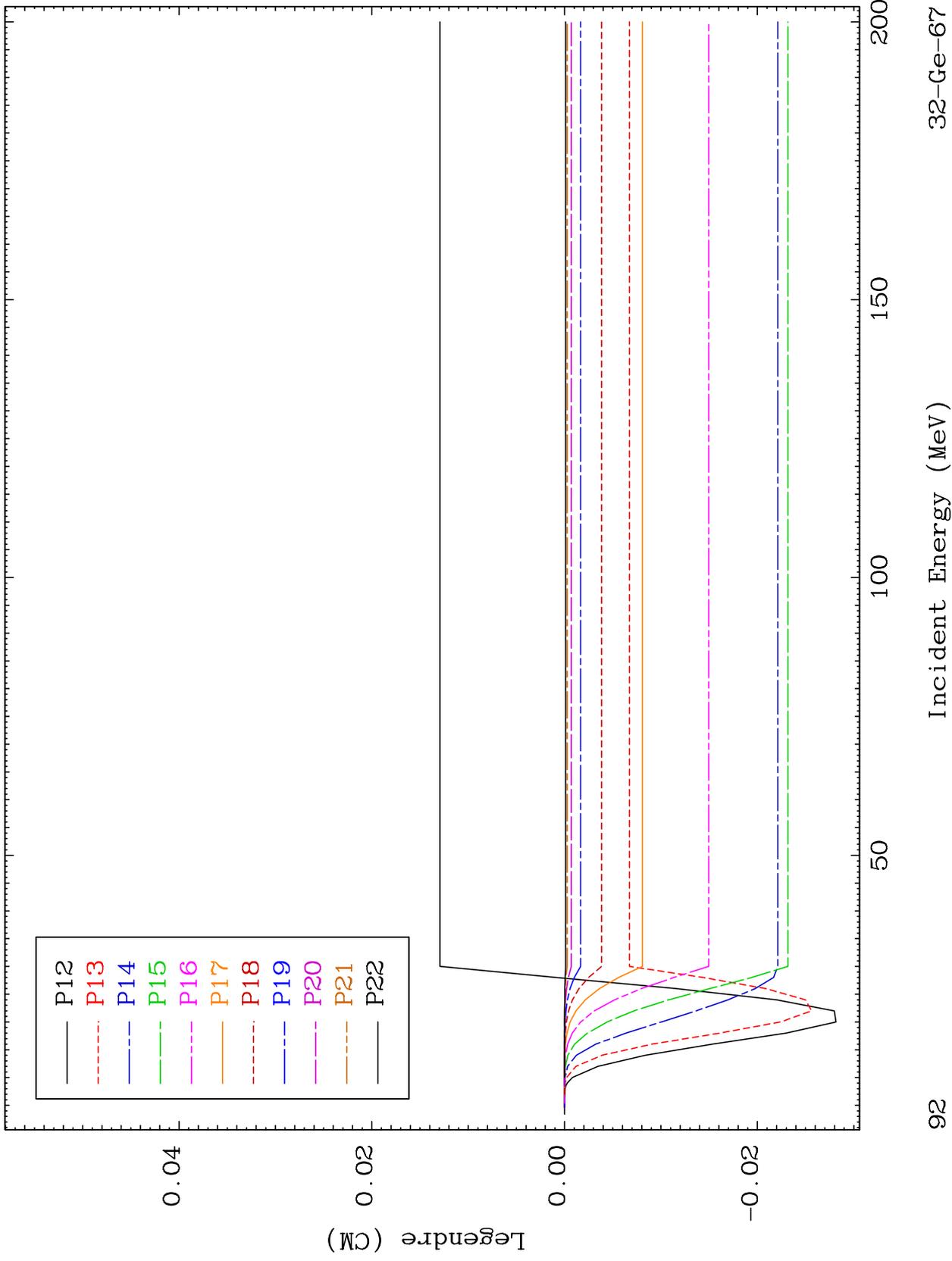
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

³²Ge-67

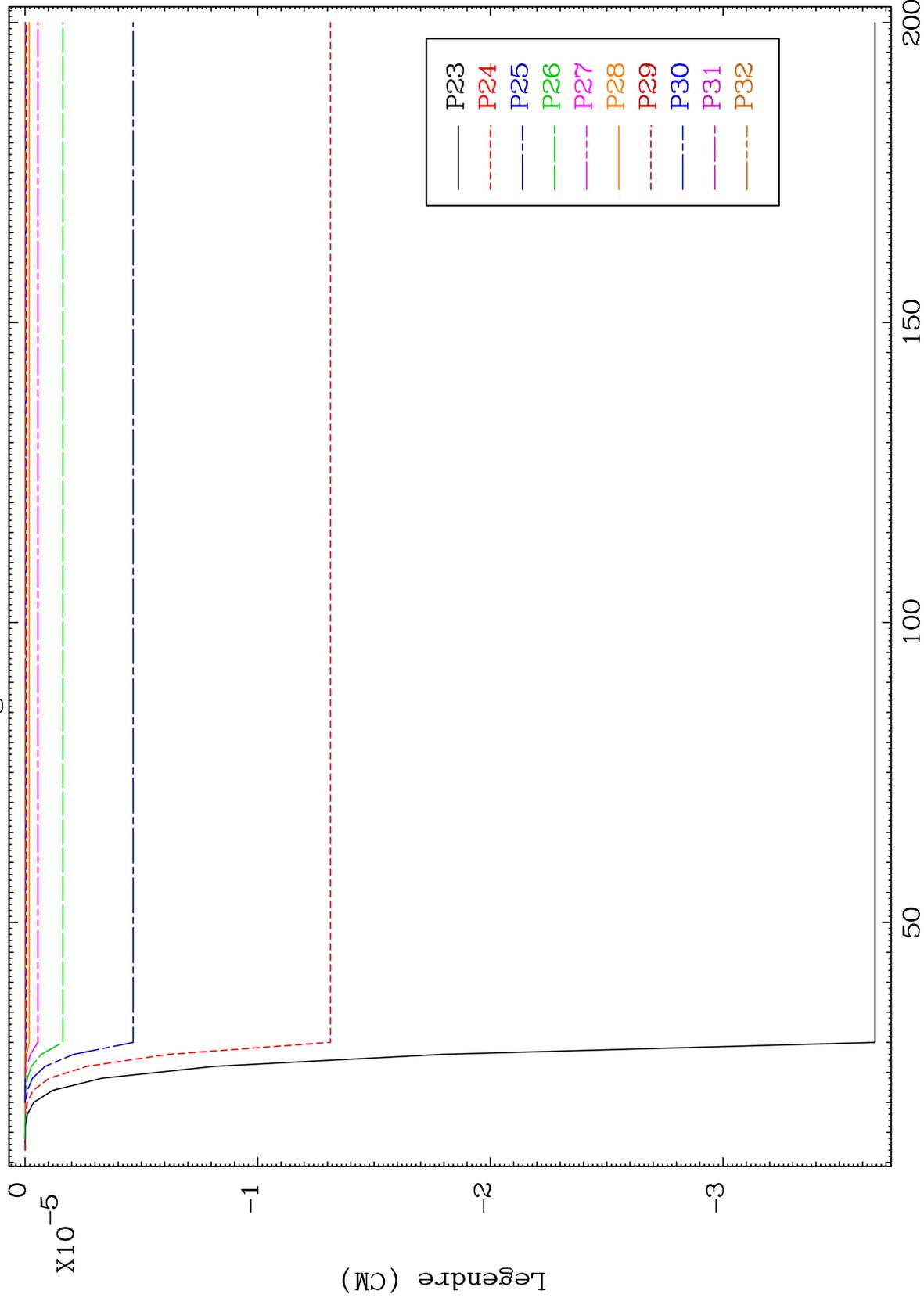


92

Incident Energy (MeV)

³²Ge-67

Legendre Coefficients

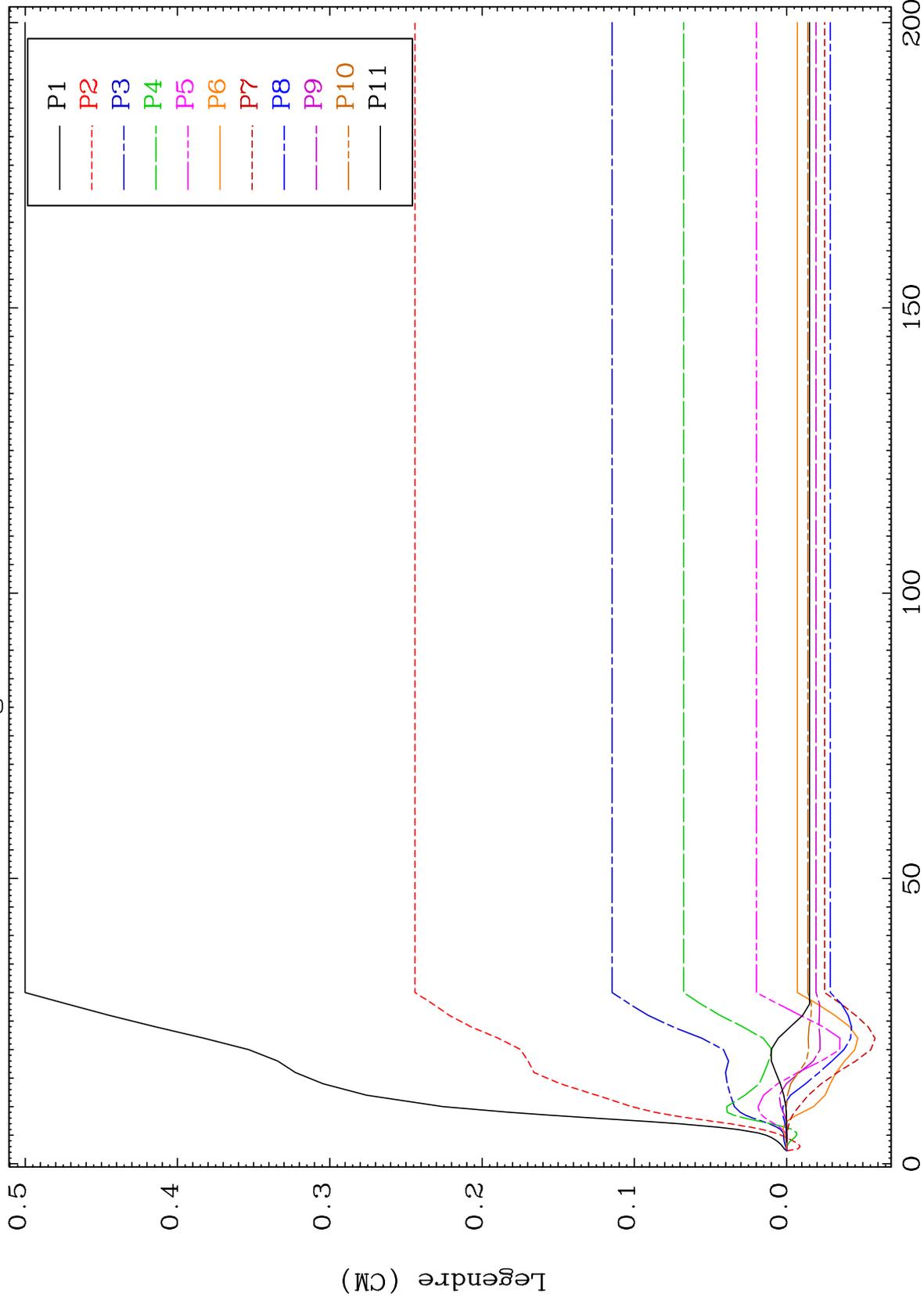


MAT 3216

MT= 74 (n,n') Level

32-Ge-67

Legendre Coefficients



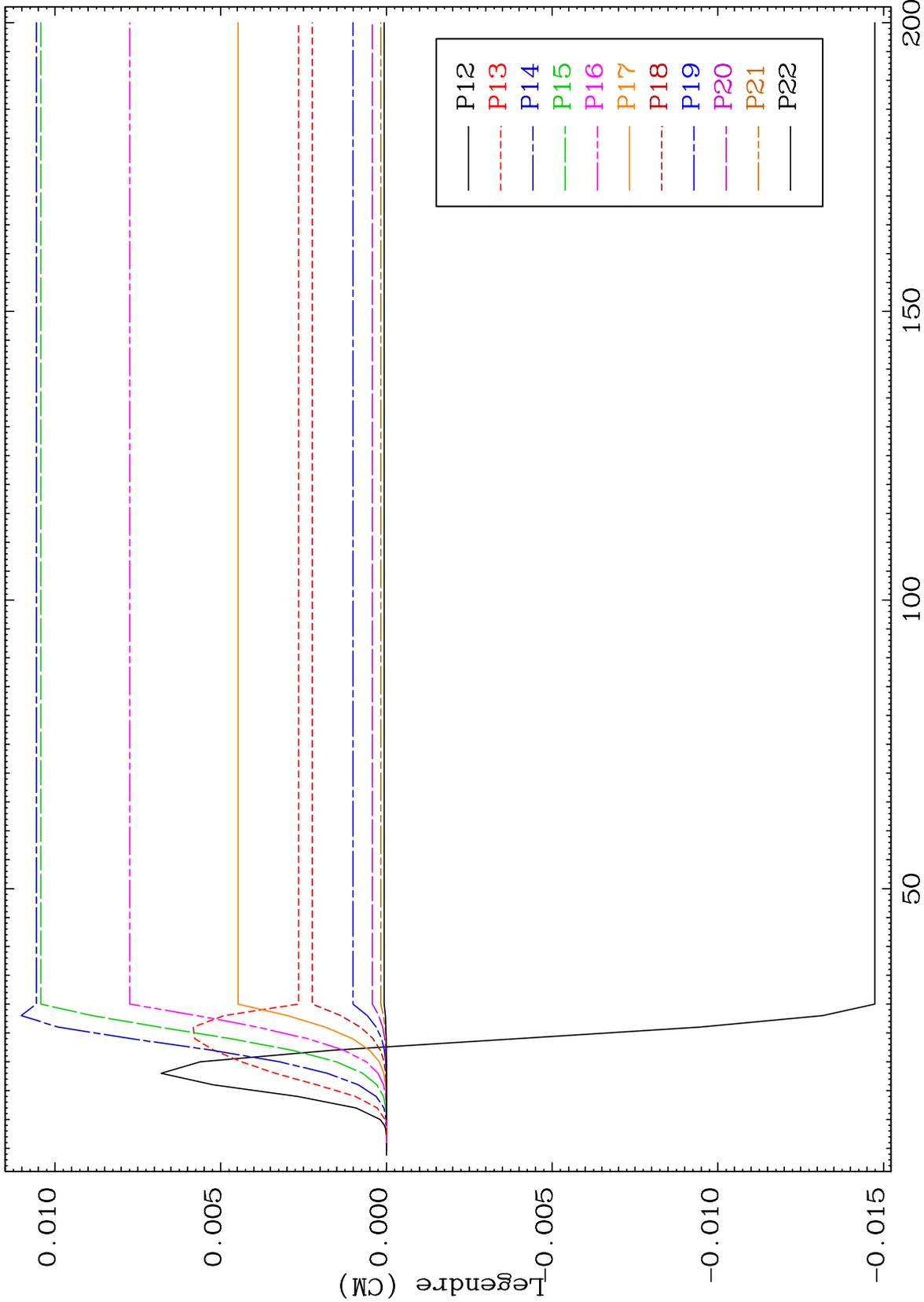
94

32-Ge-67

MAT 3216

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

32-Ge-67



95

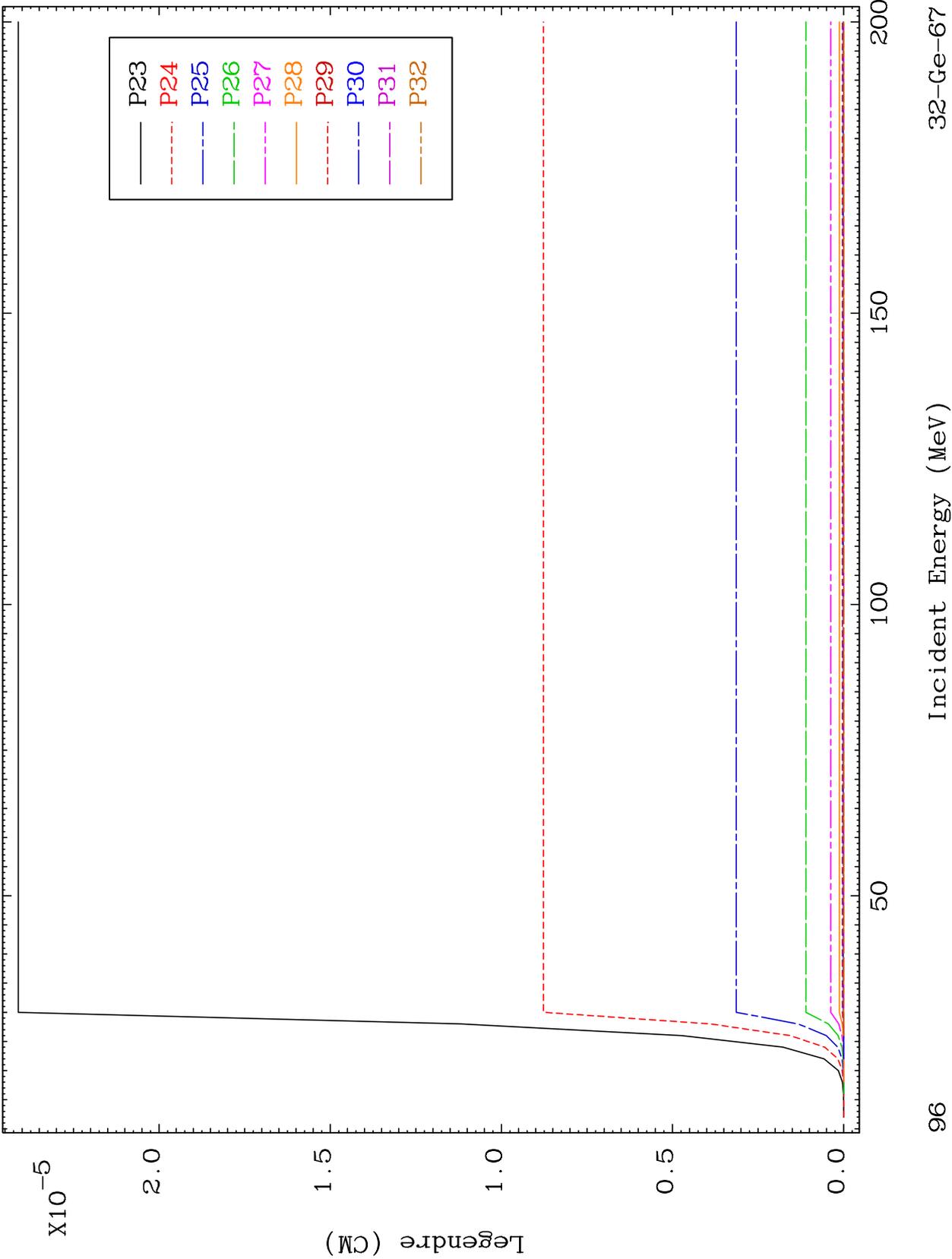
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

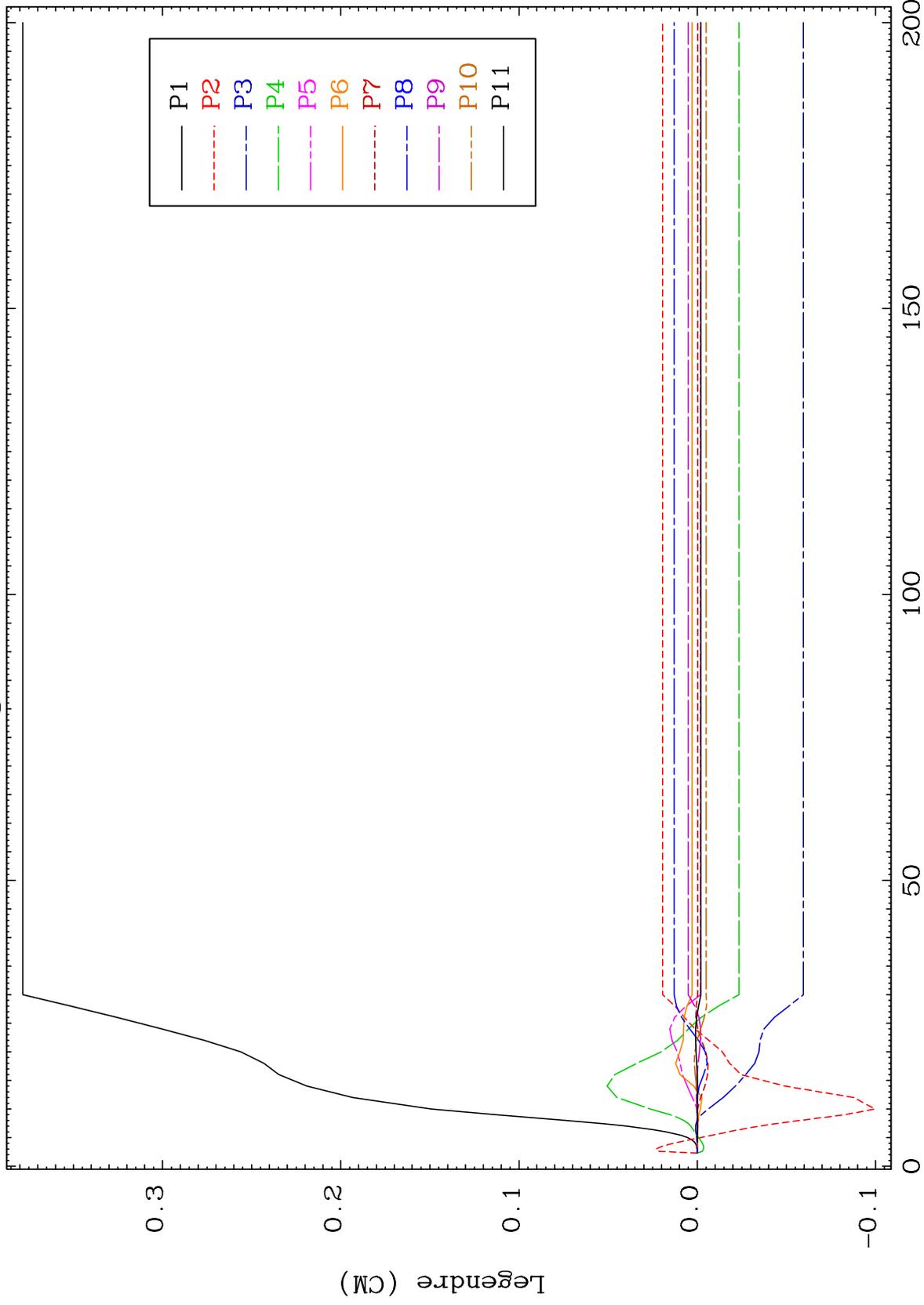
32-Ge-67



MAT 3216

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

32-Ge-67



97

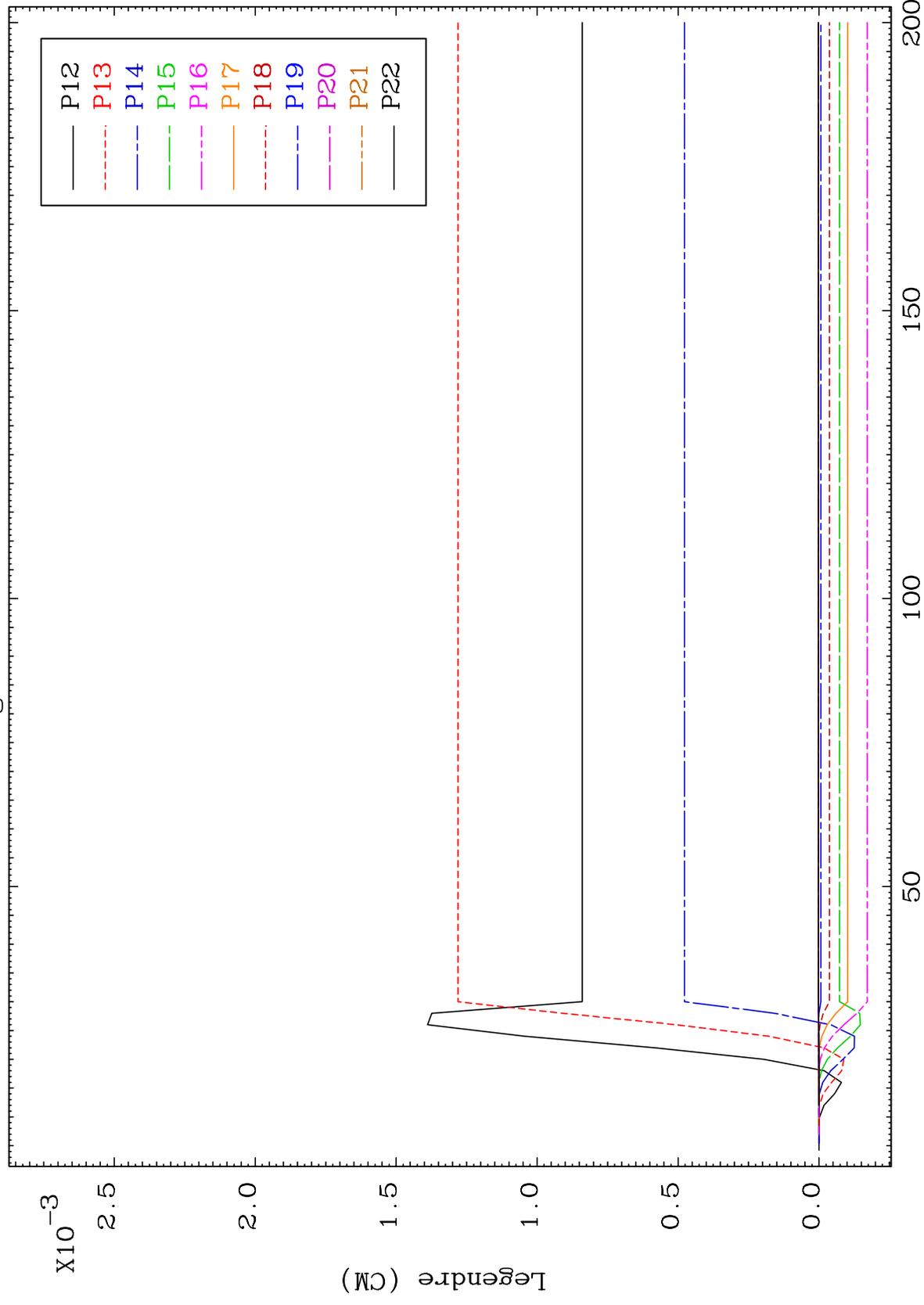
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



98

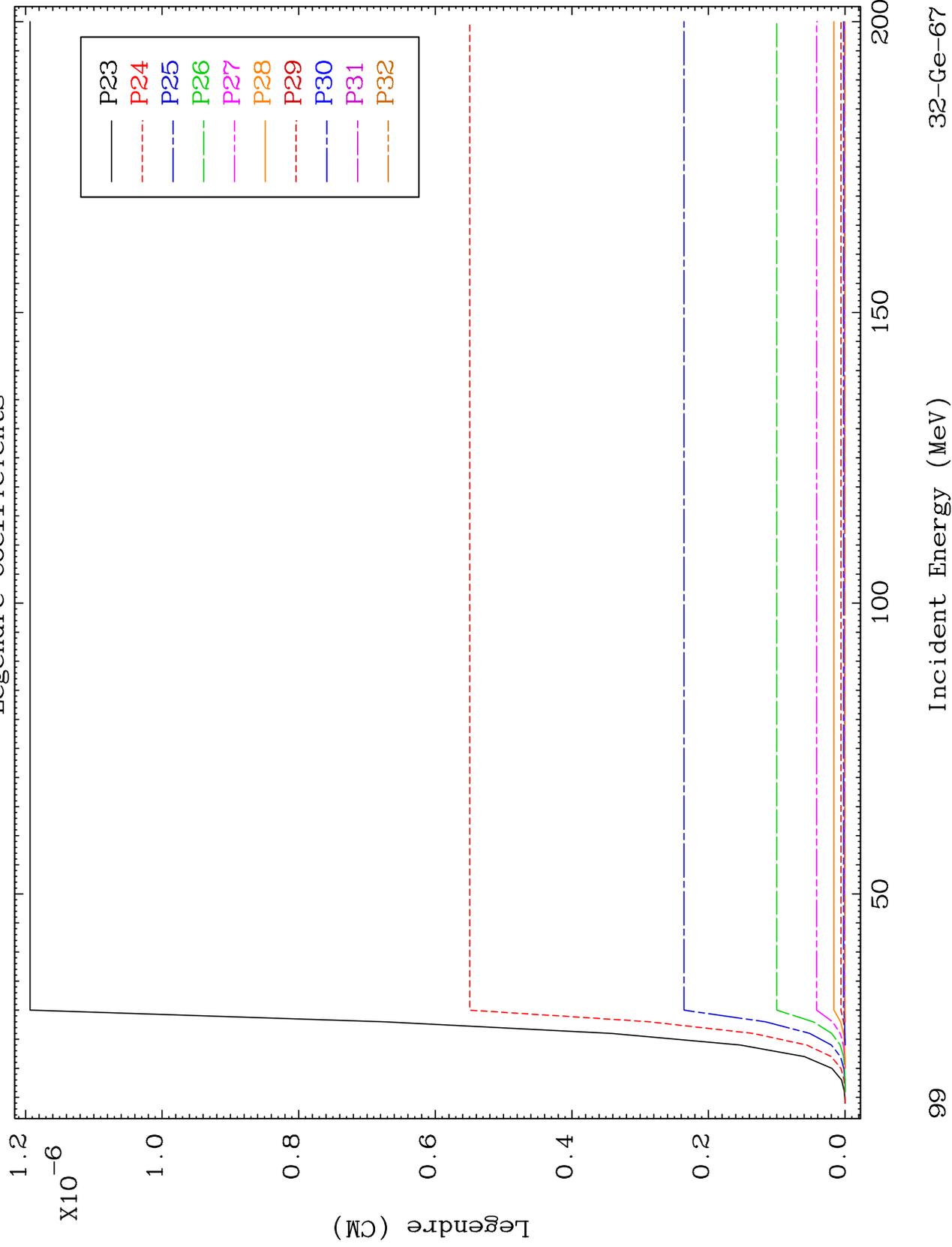
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

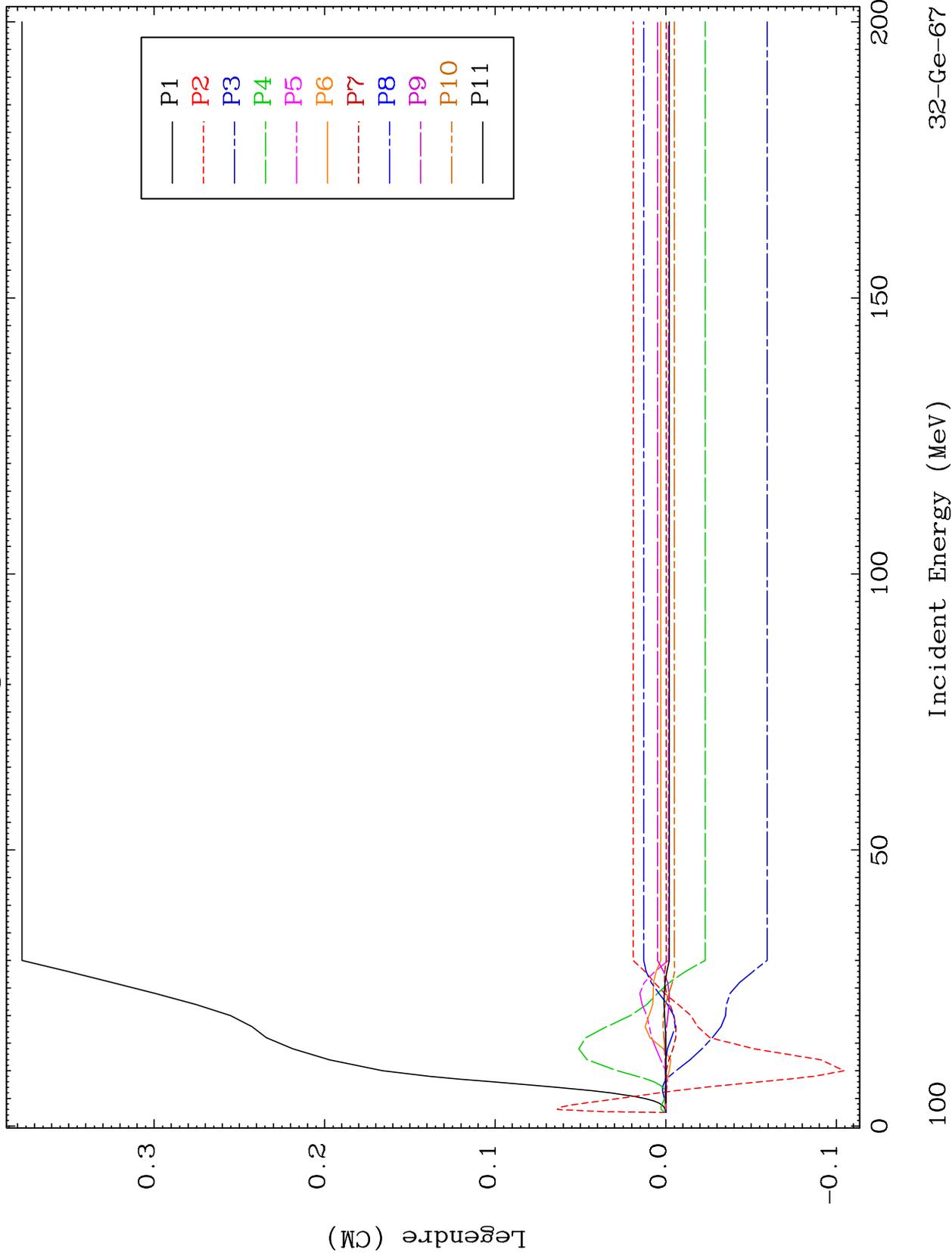
32-Ge-67



MAT 3216

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

32-Ge-67

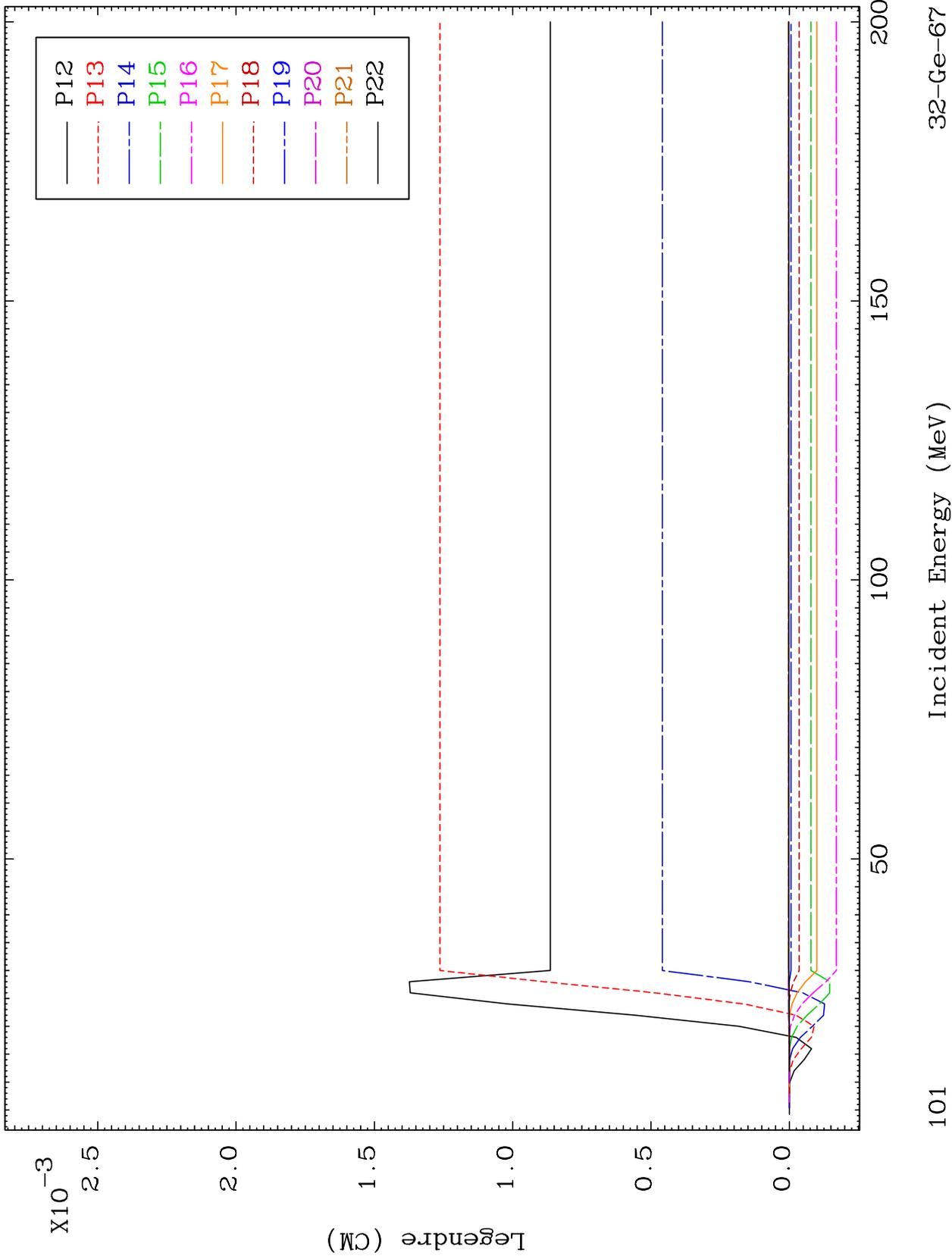


32-Ge-67

MAT 3216

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

32-Ge-67



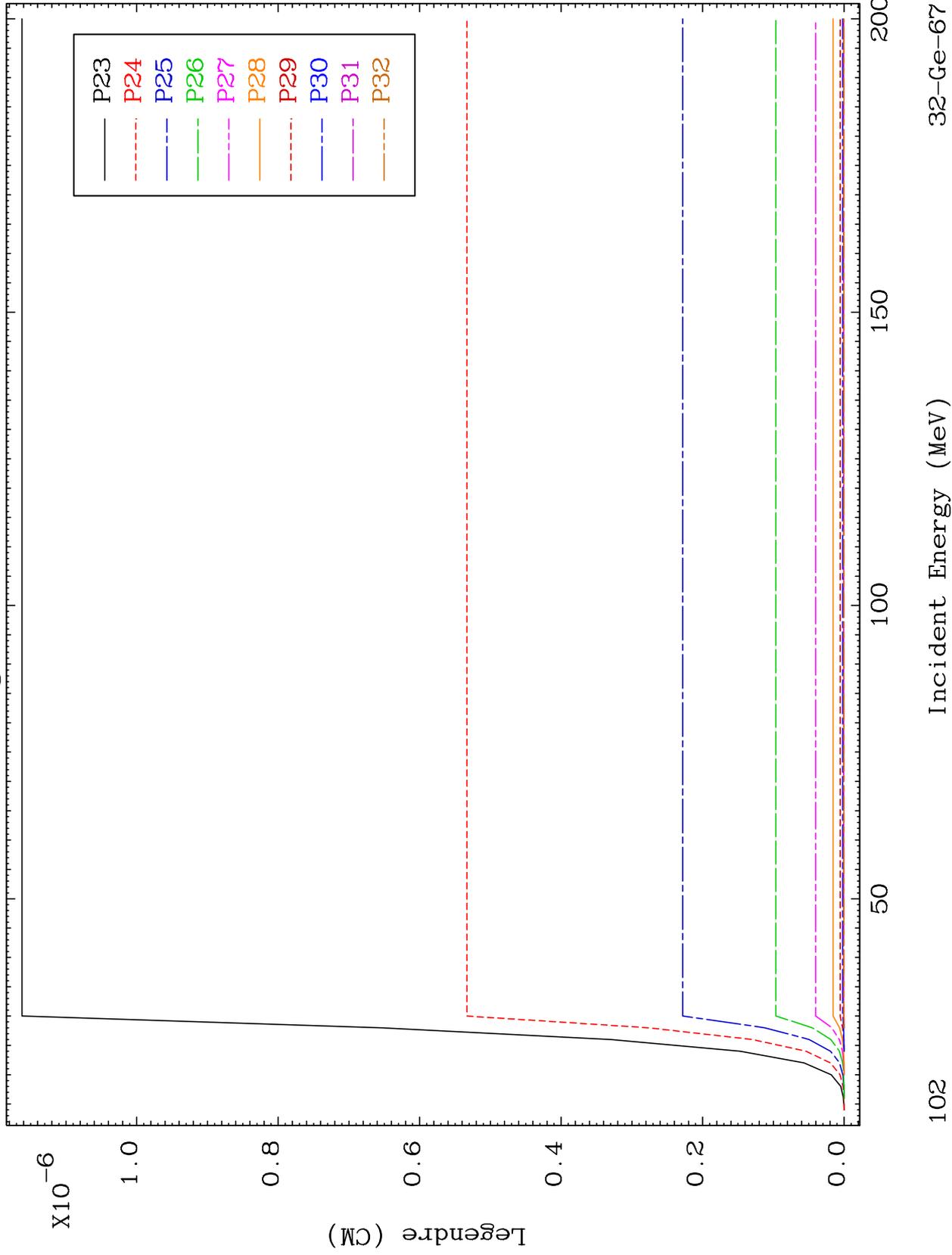
101

32-Ge-67

MAT 3216

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

32-Ge-67



102

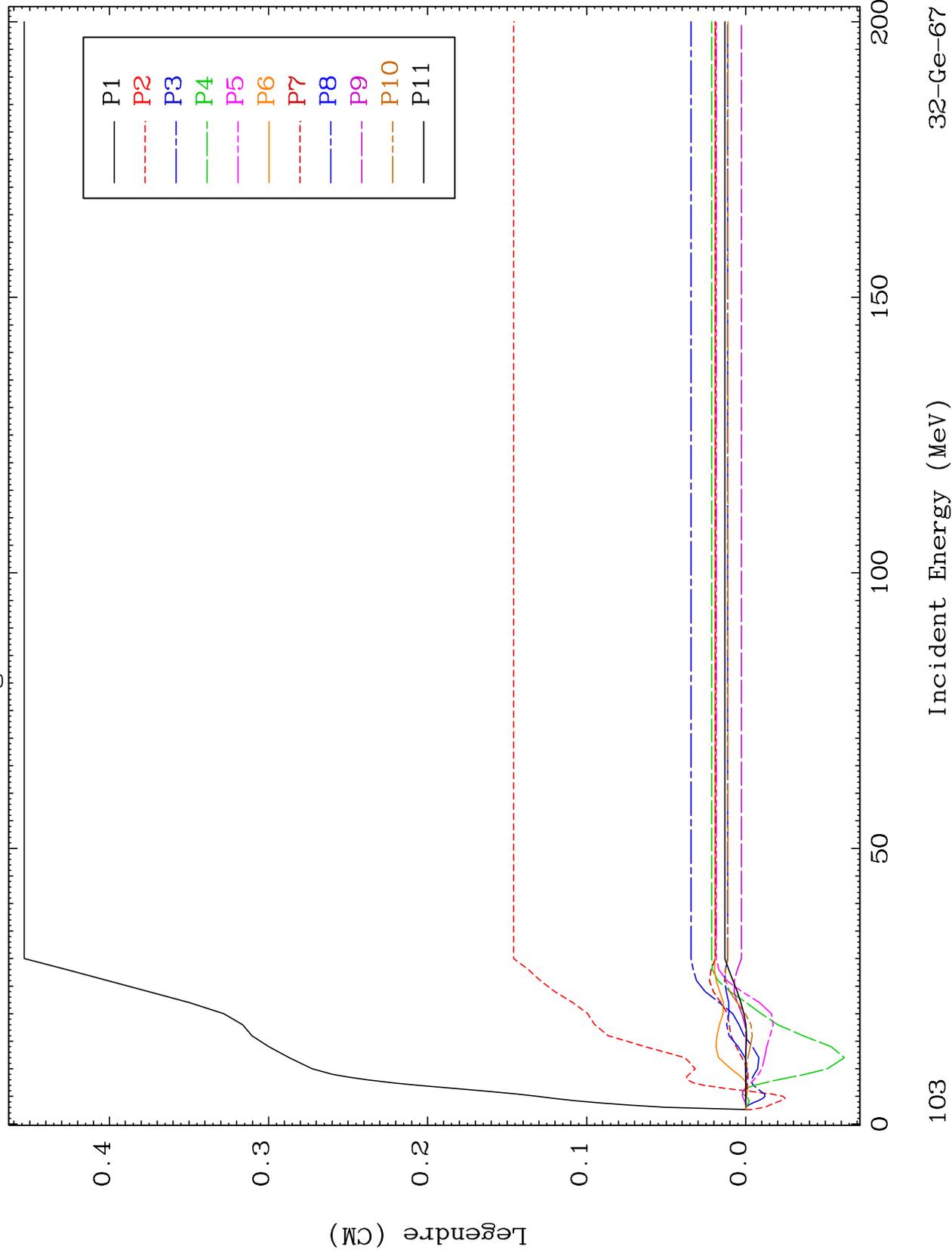
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



103

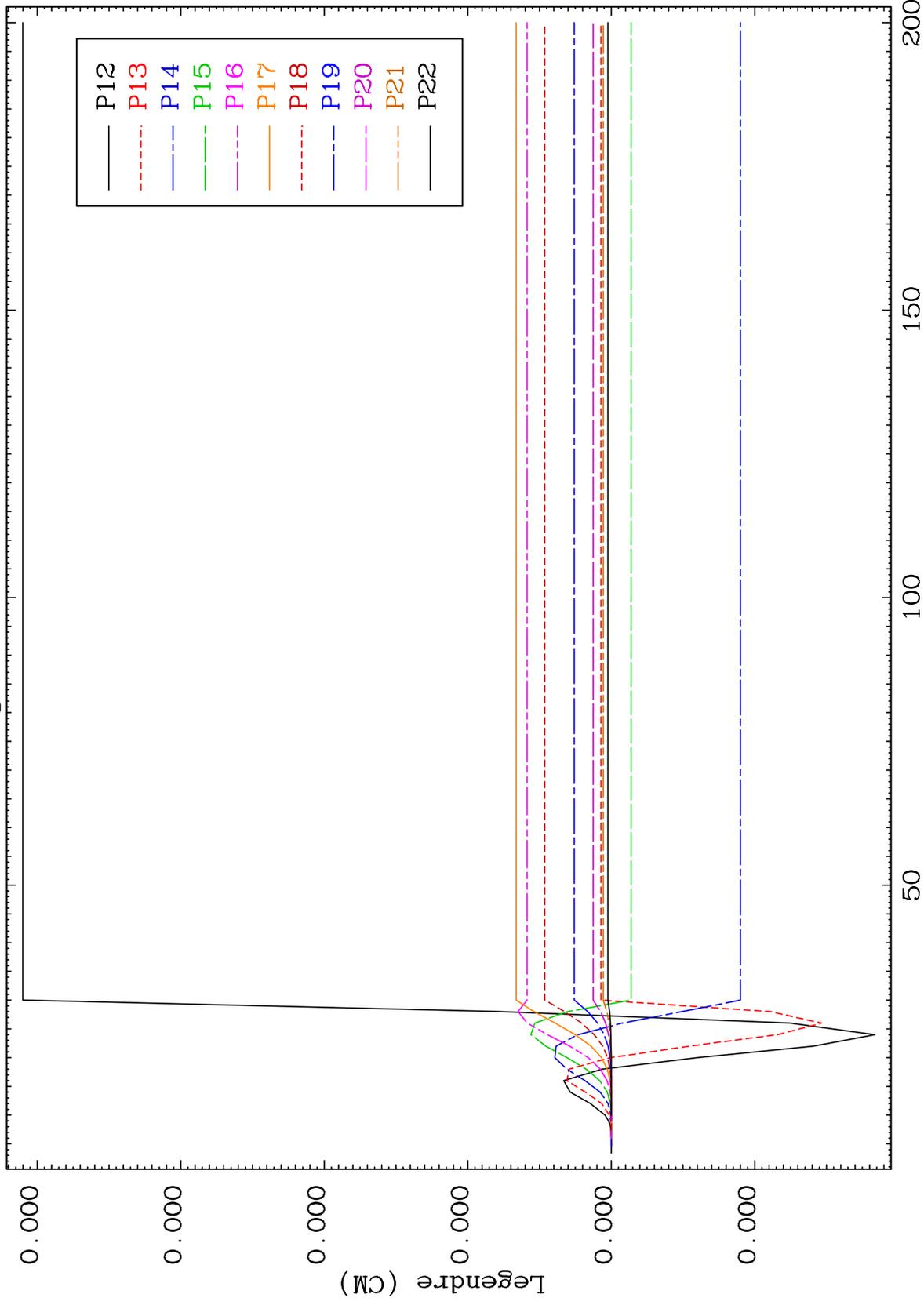
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

32-Ge-67



104

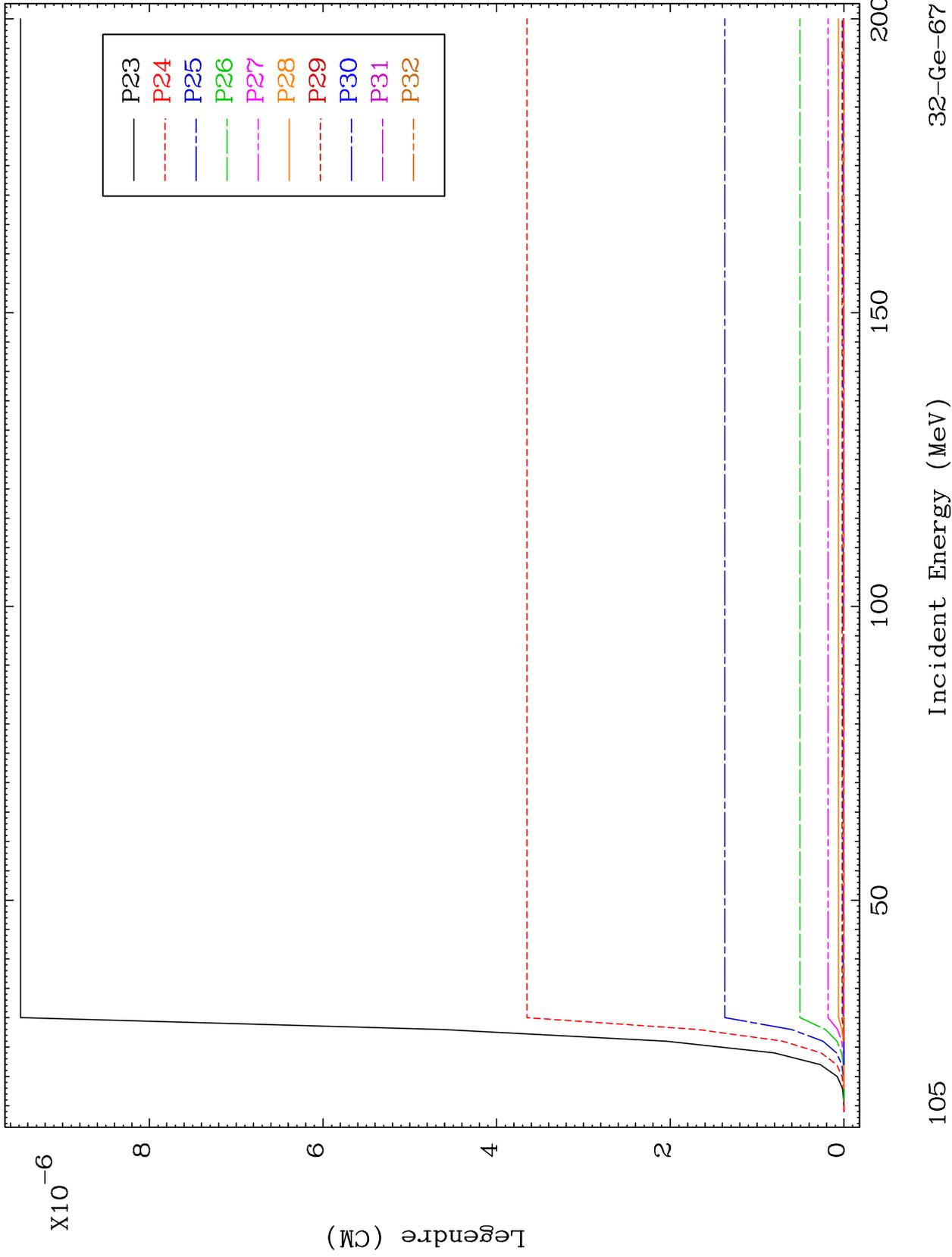
Incident Energy (MeV)

32-Ge-67

MAT 3216

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

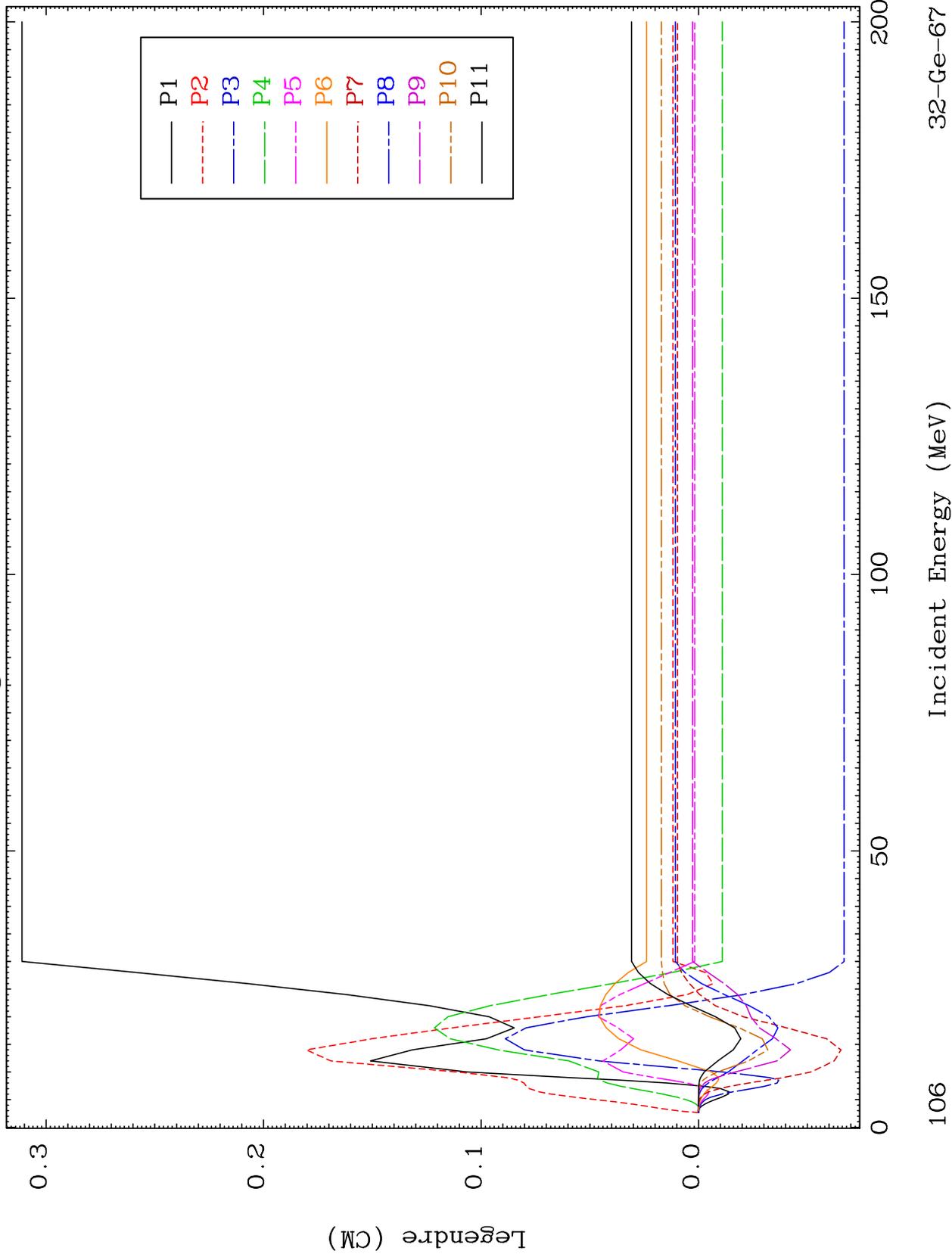
32-Ge-67



MAT 3216

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

32-Ge-67



32-Ge-67

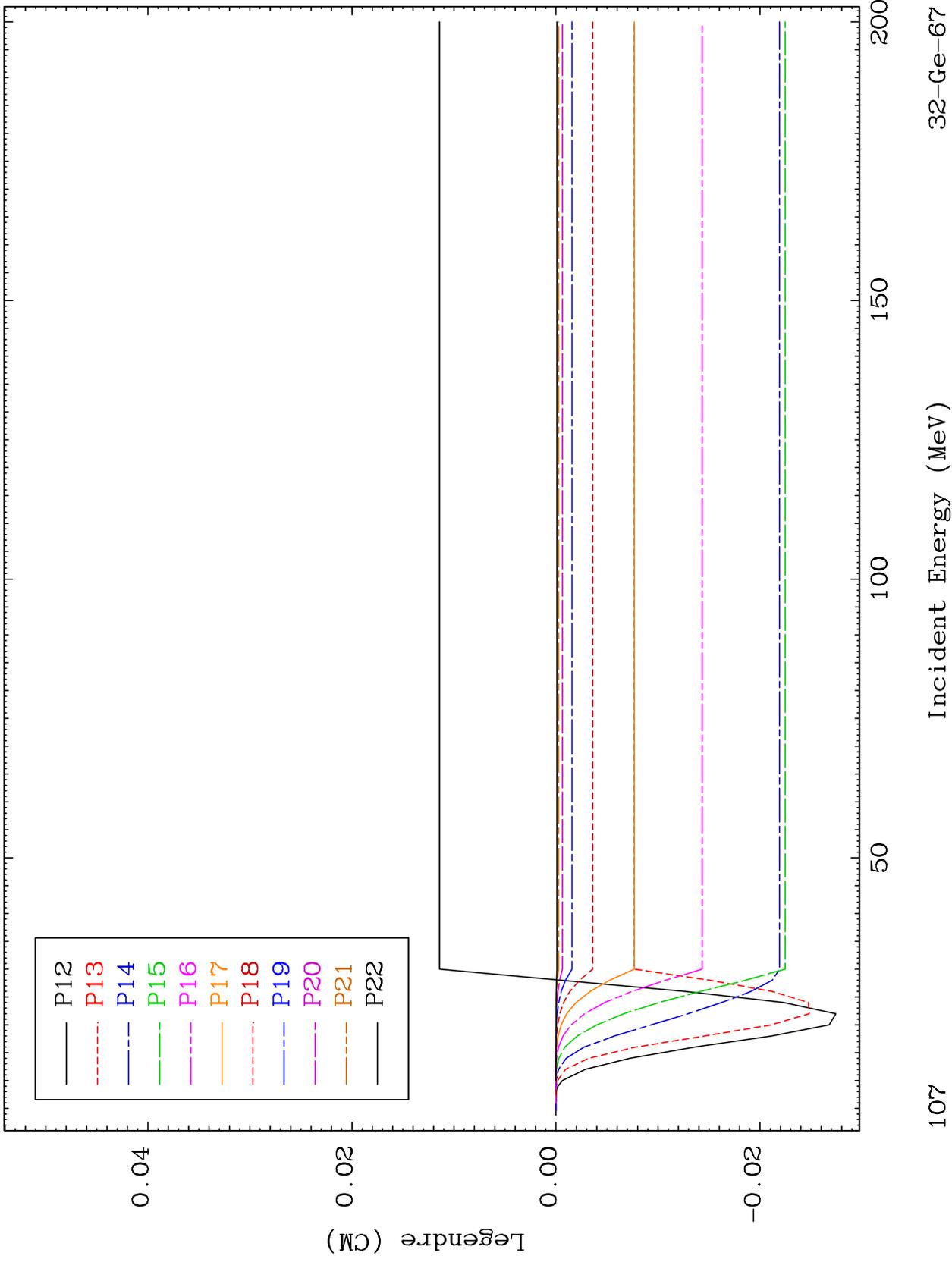
Incident Energy (MeV)

106

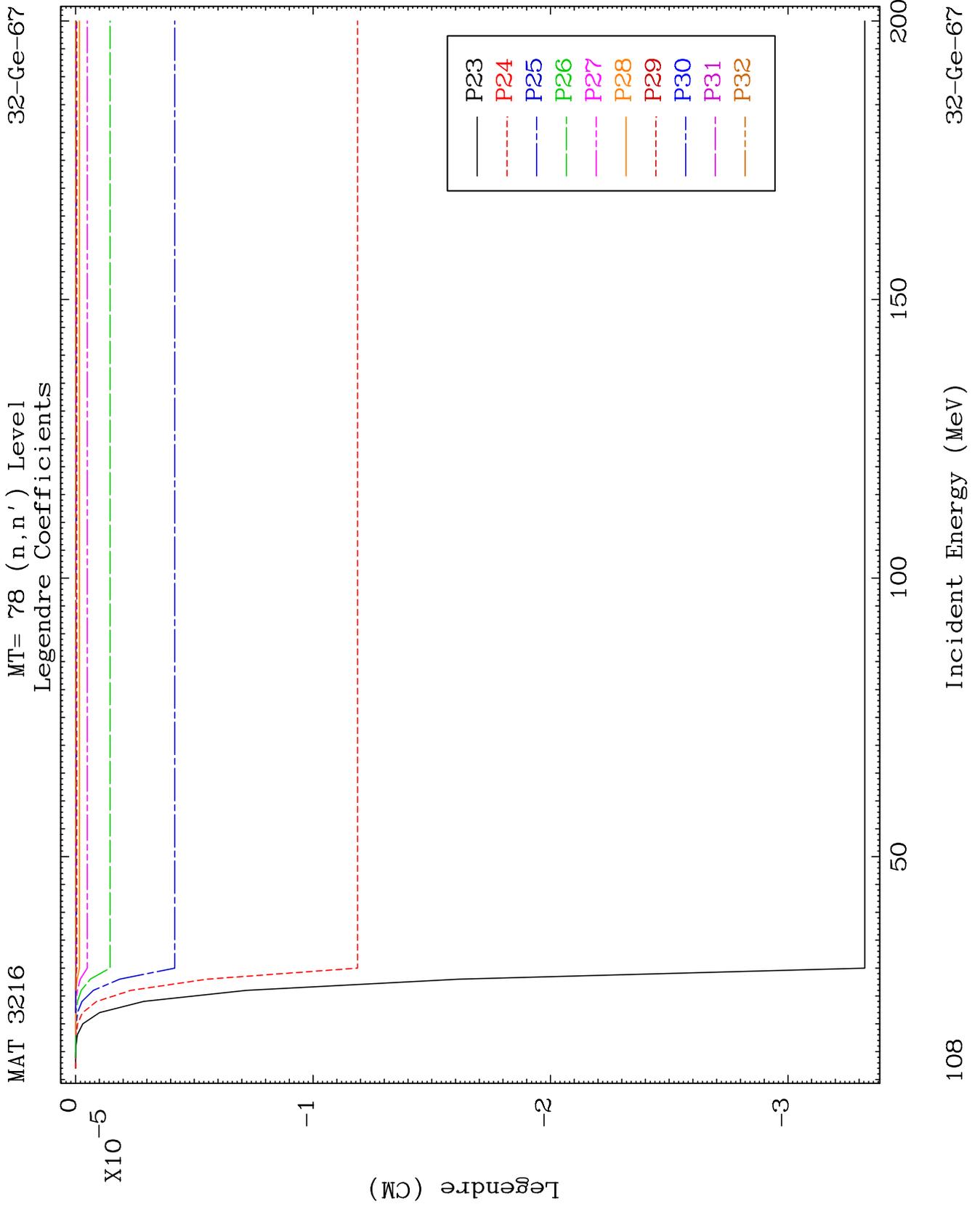
MAT 3216

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

32-Ge-67



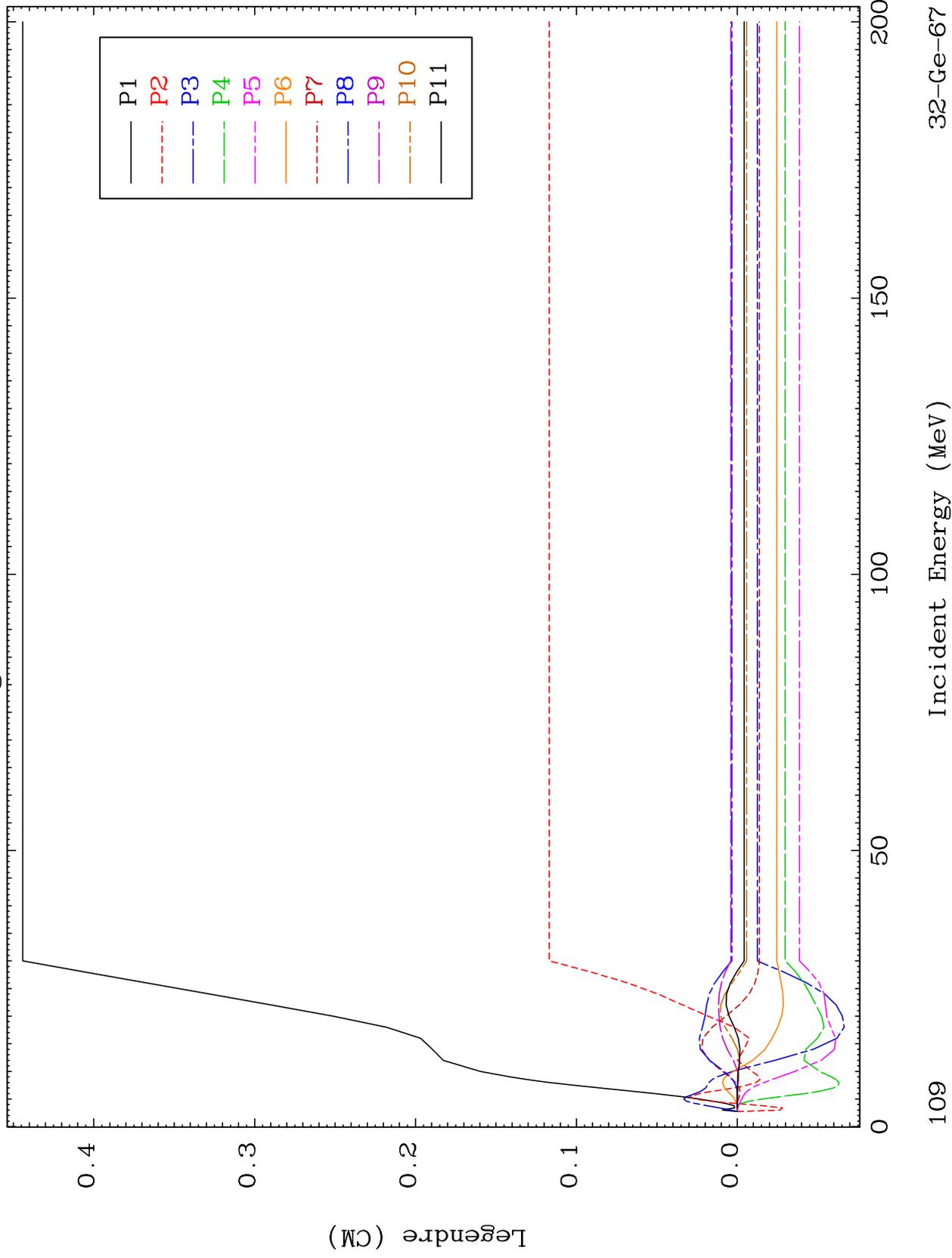
107



MAT 3216

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

32-Ge-67



32-Ge-67

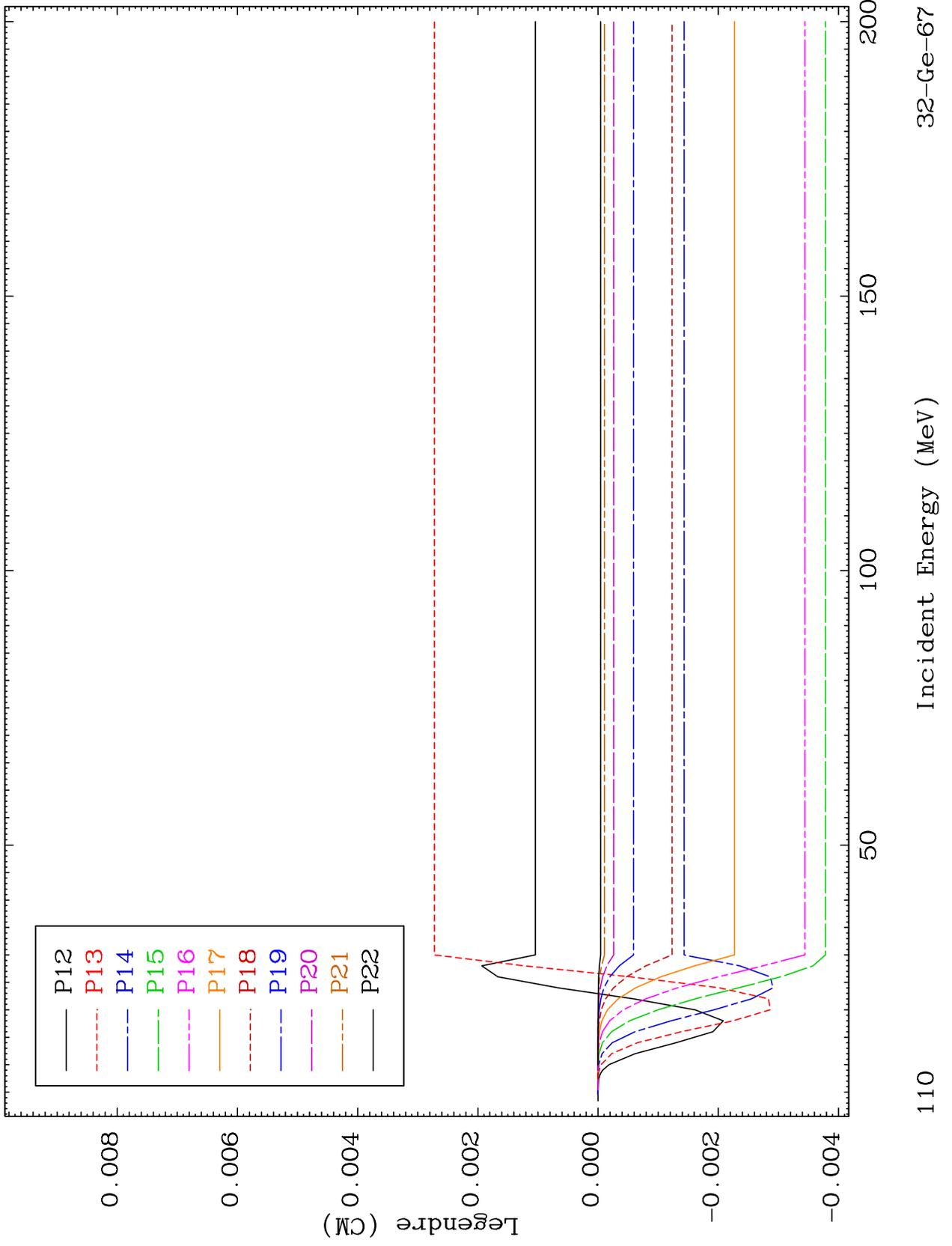
Incident Energy (MeV)

109

MAT 3216

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

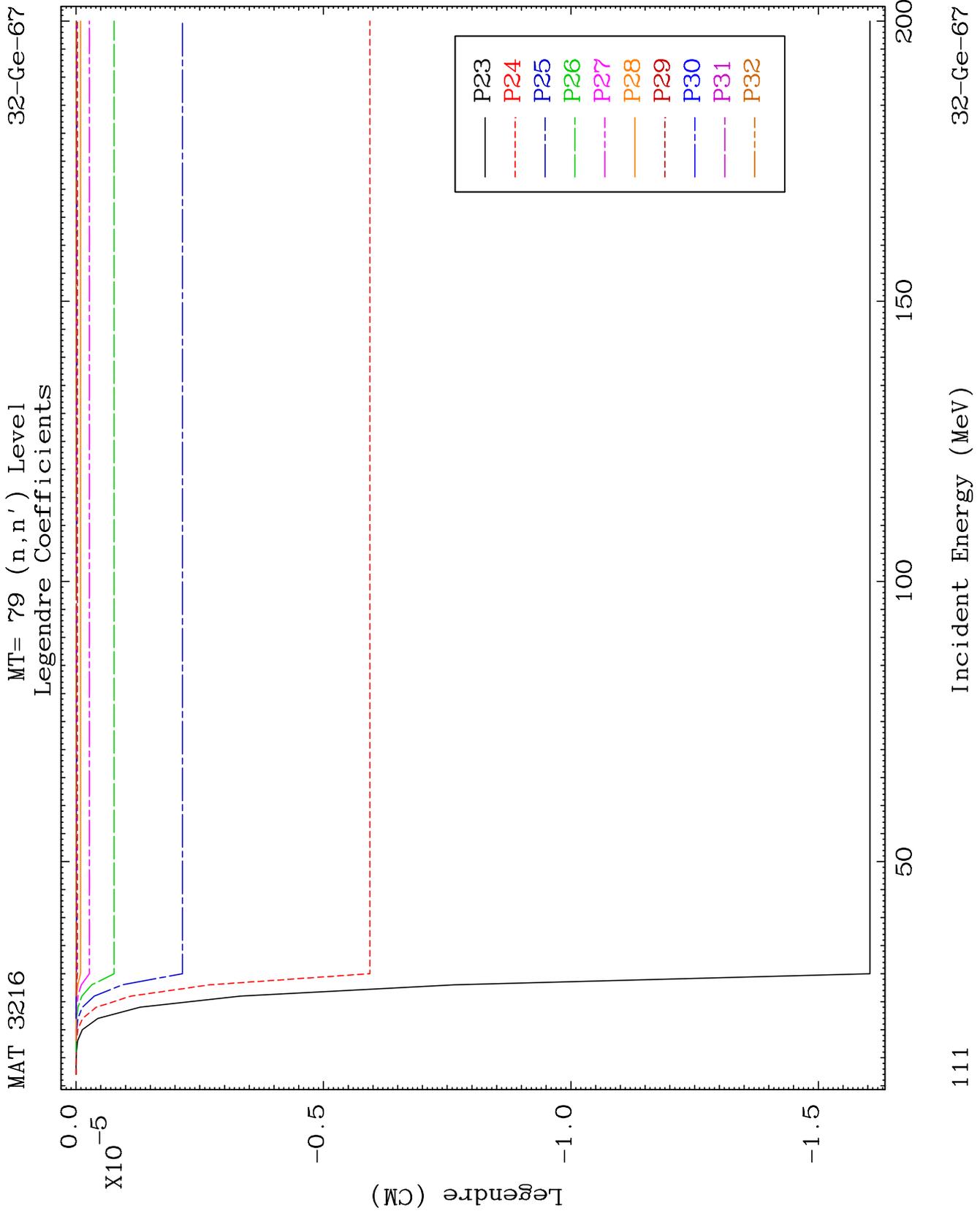
32-Ge-67



110

Incident Energy (MeV)

32-Ge-67

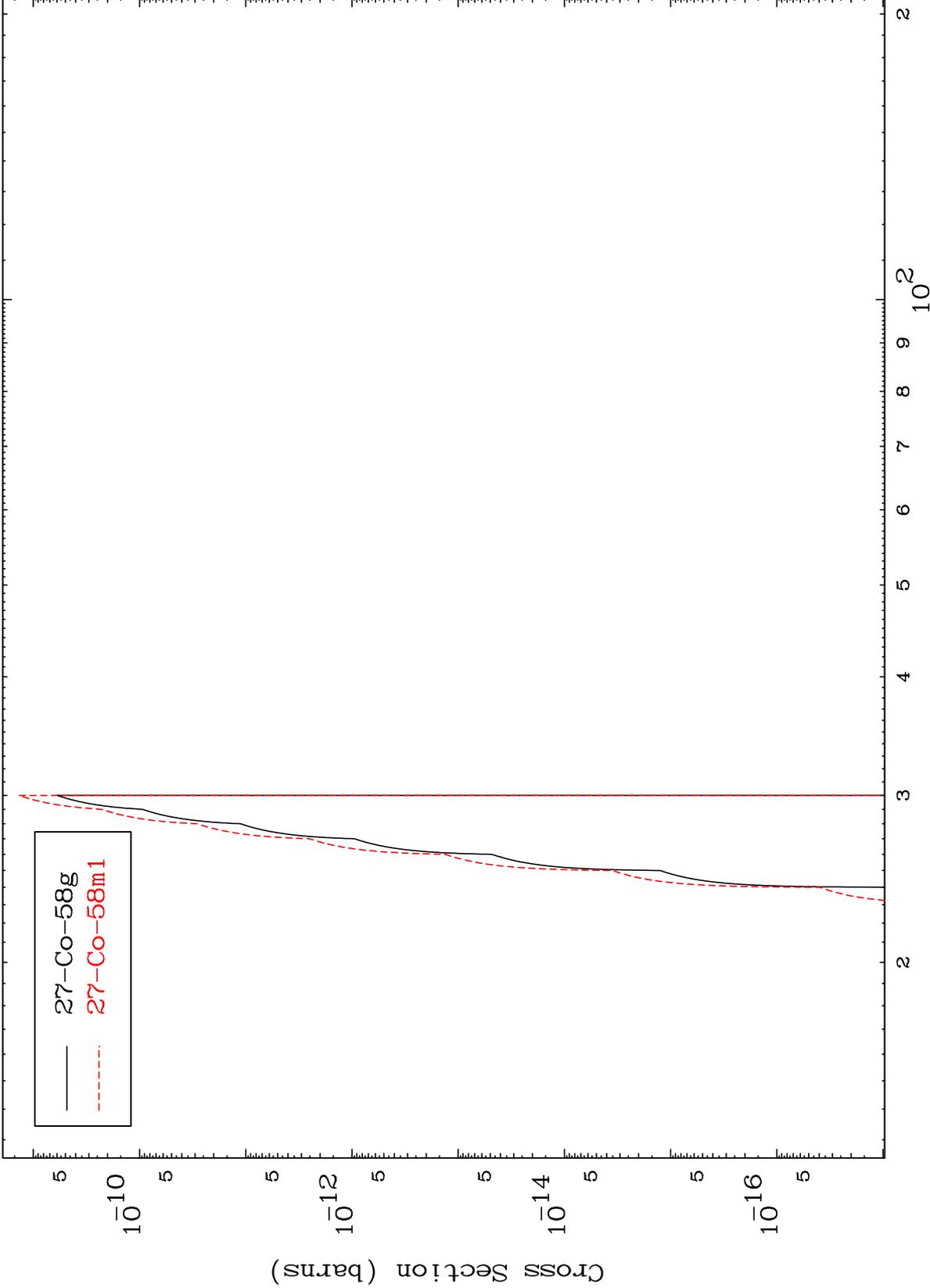


MAT 3216

(n,d) 2α

$^{32}\text{Ge-67}$

Radionuclide Production Cross Section



112

Incident Energy (MeV)

$^{32}\text{Ge-67}$