

Program EVALPLOT
(Version 2015-2)

by

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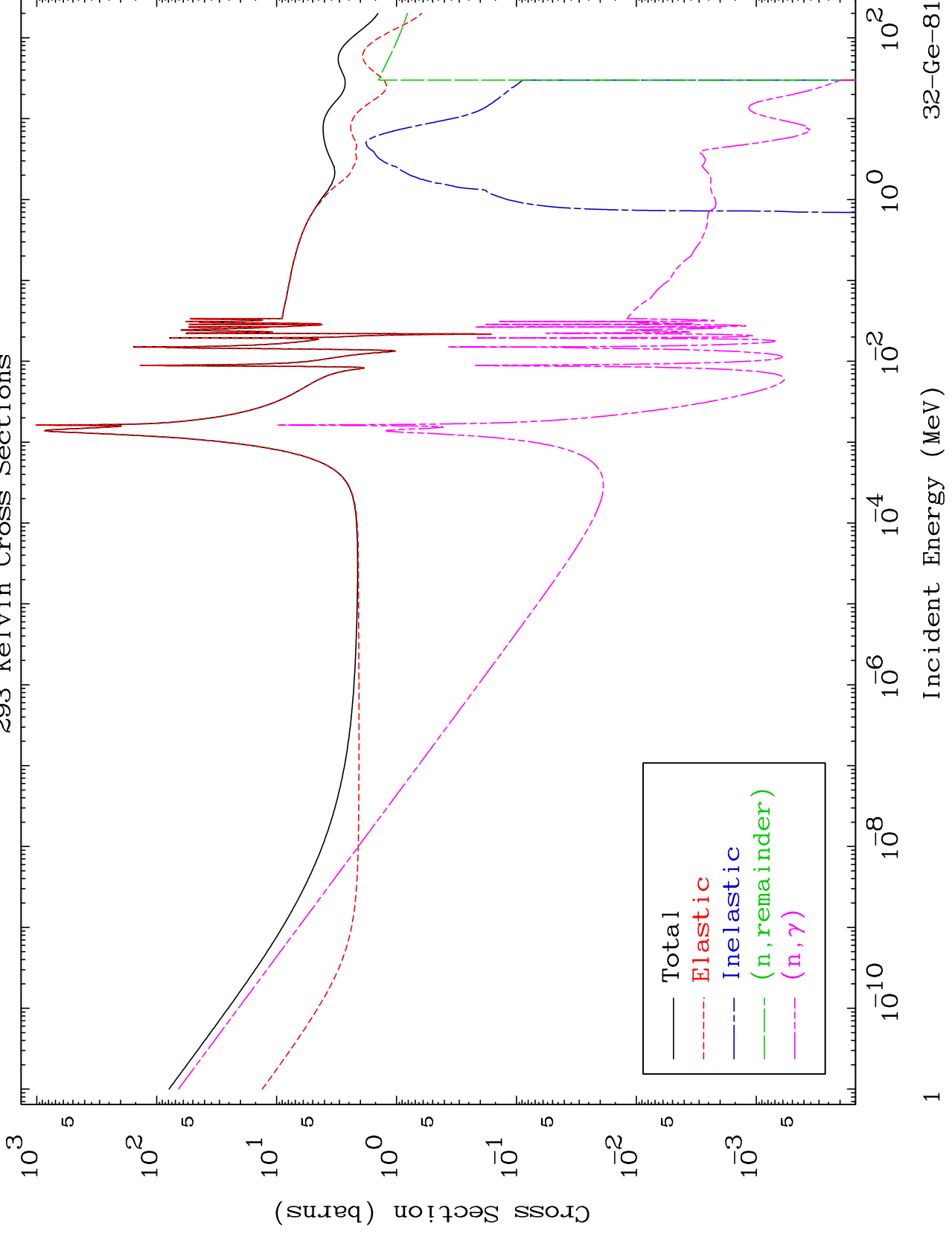
Press Mouse Button to Start

MAT 3258

Major

293 Kelvin Cross Sections

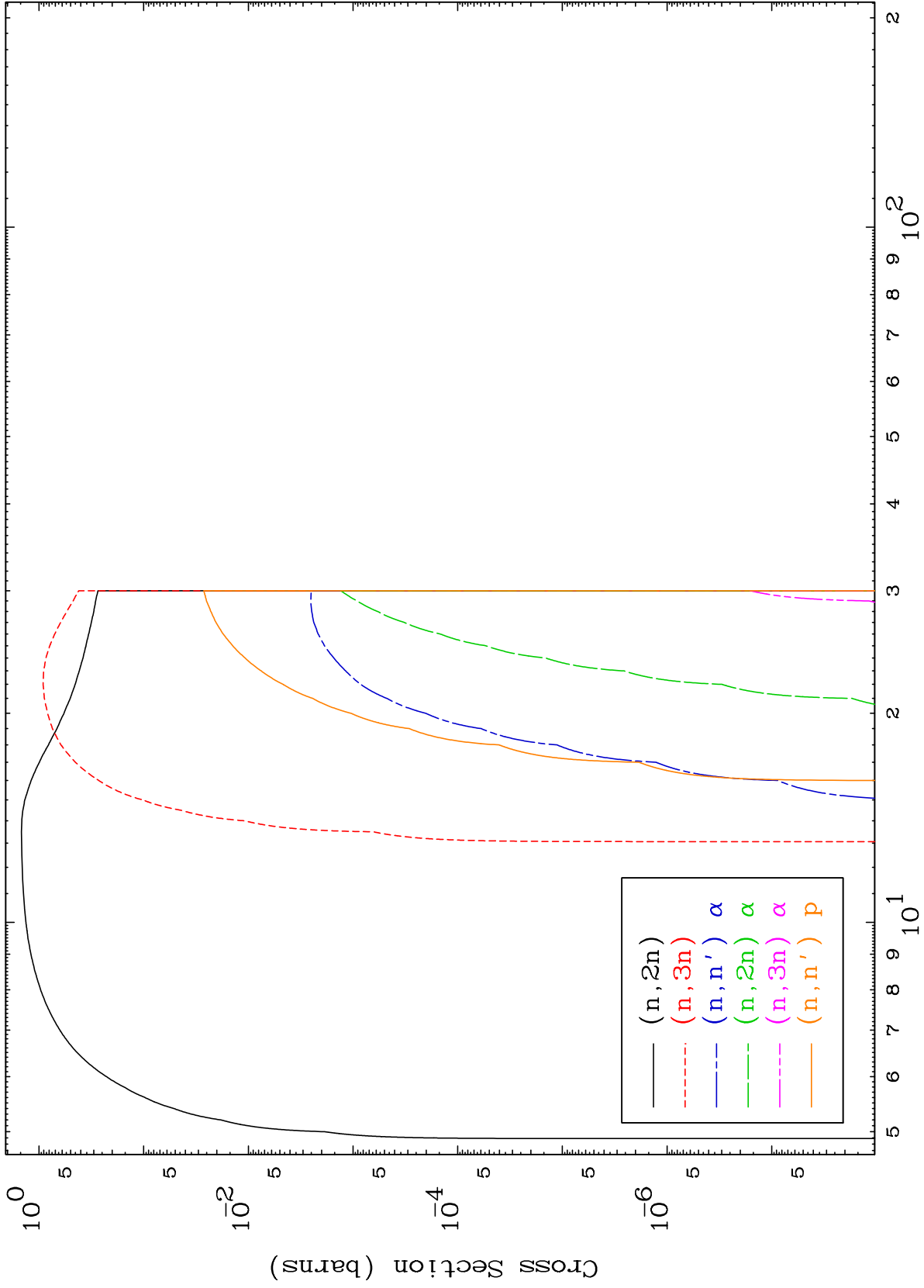
32-Ge-81

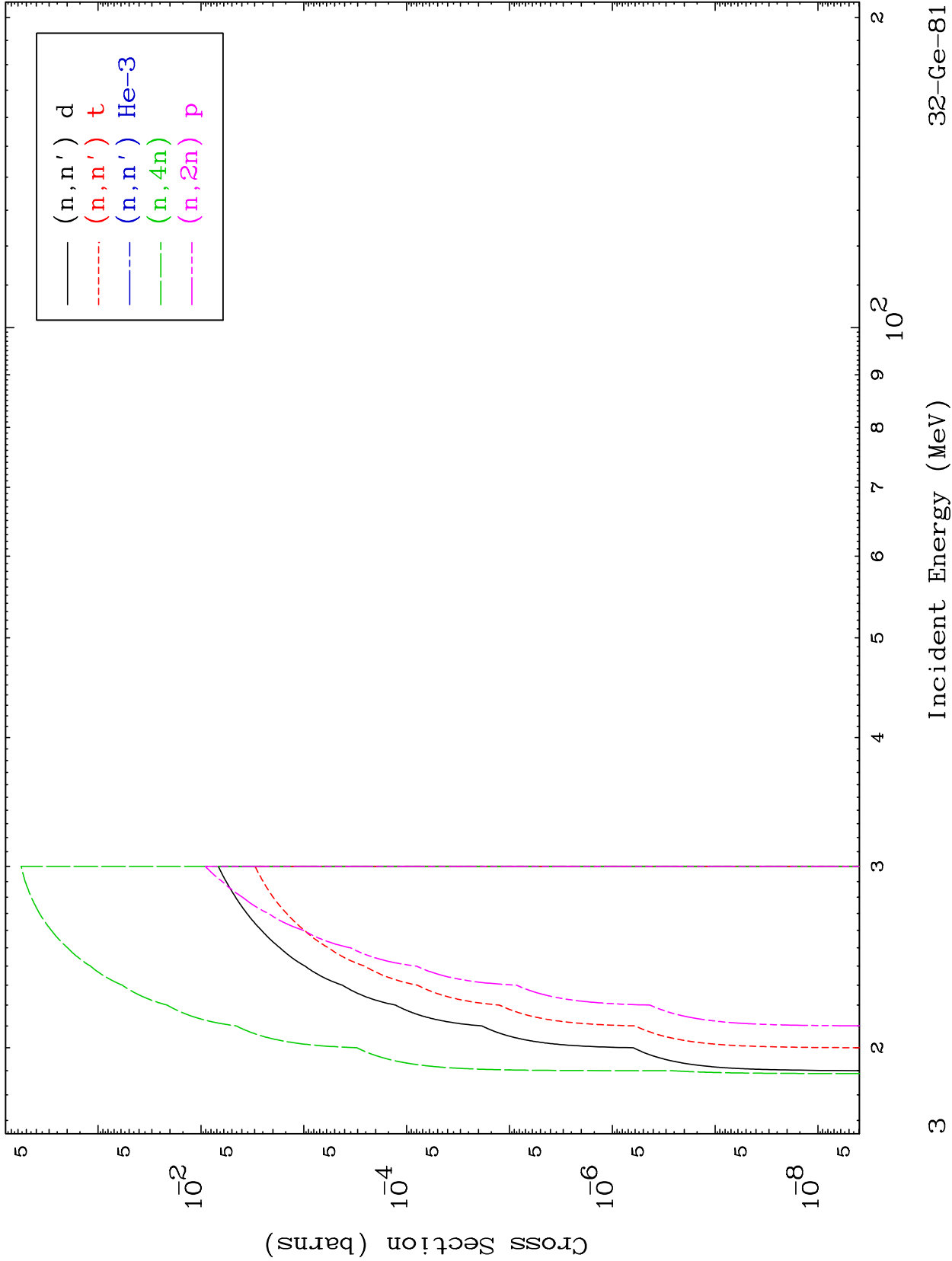


MAT 3258

Neutron Production
293 Kelvin Cross Sections

³²Ge-81

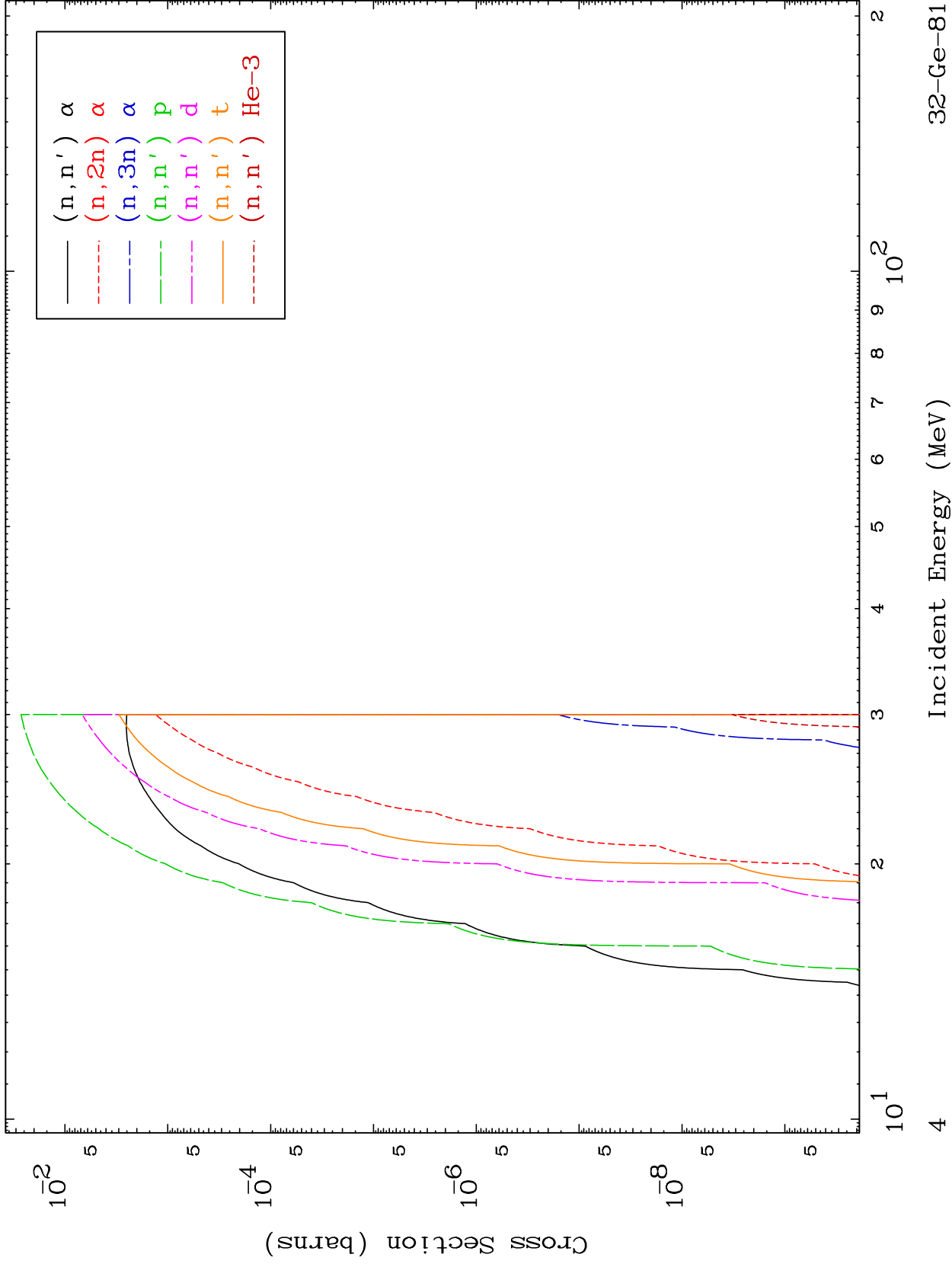




MAT 3258

Charged Particle
293 Kelvin Cross Sections

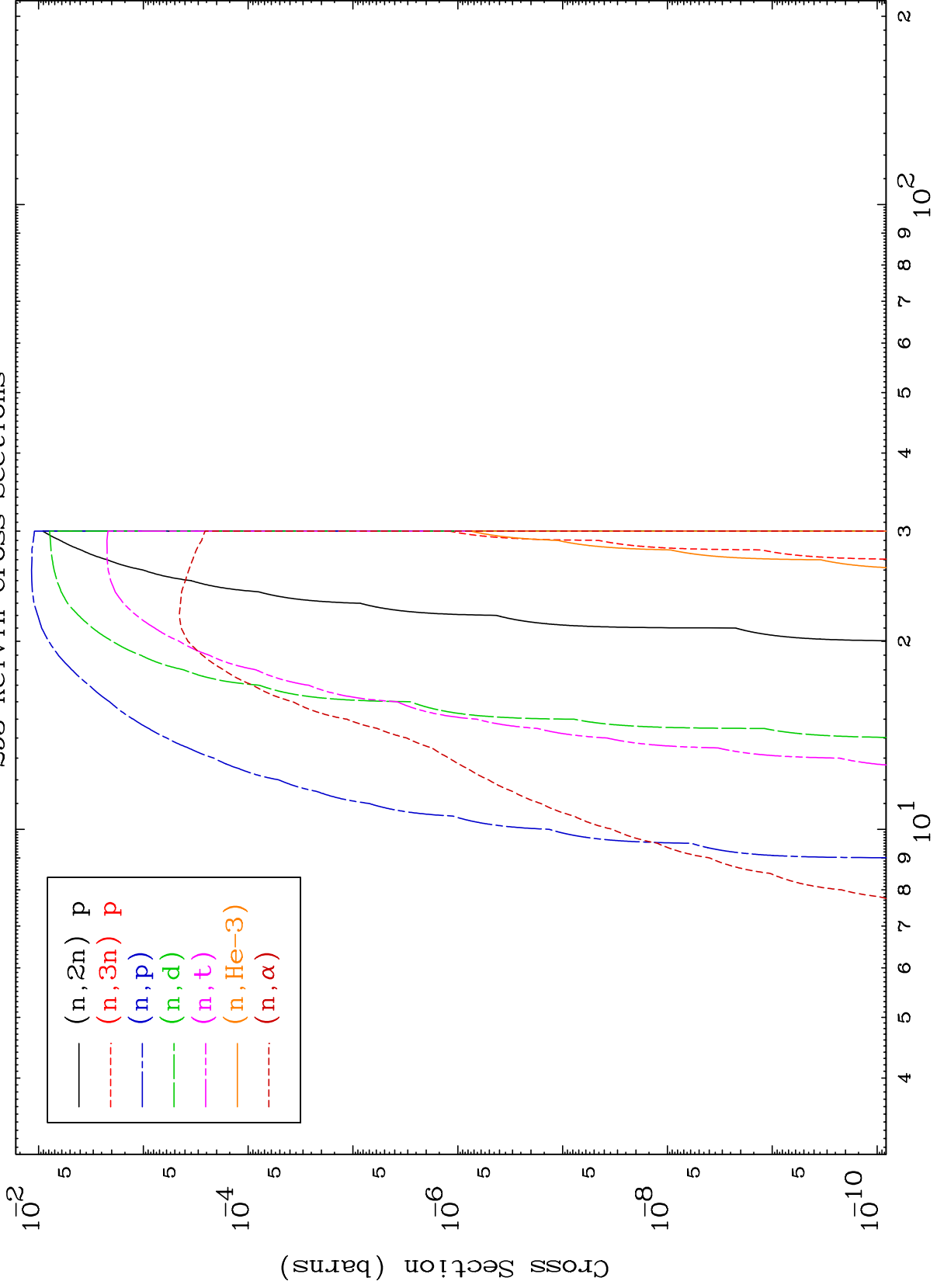
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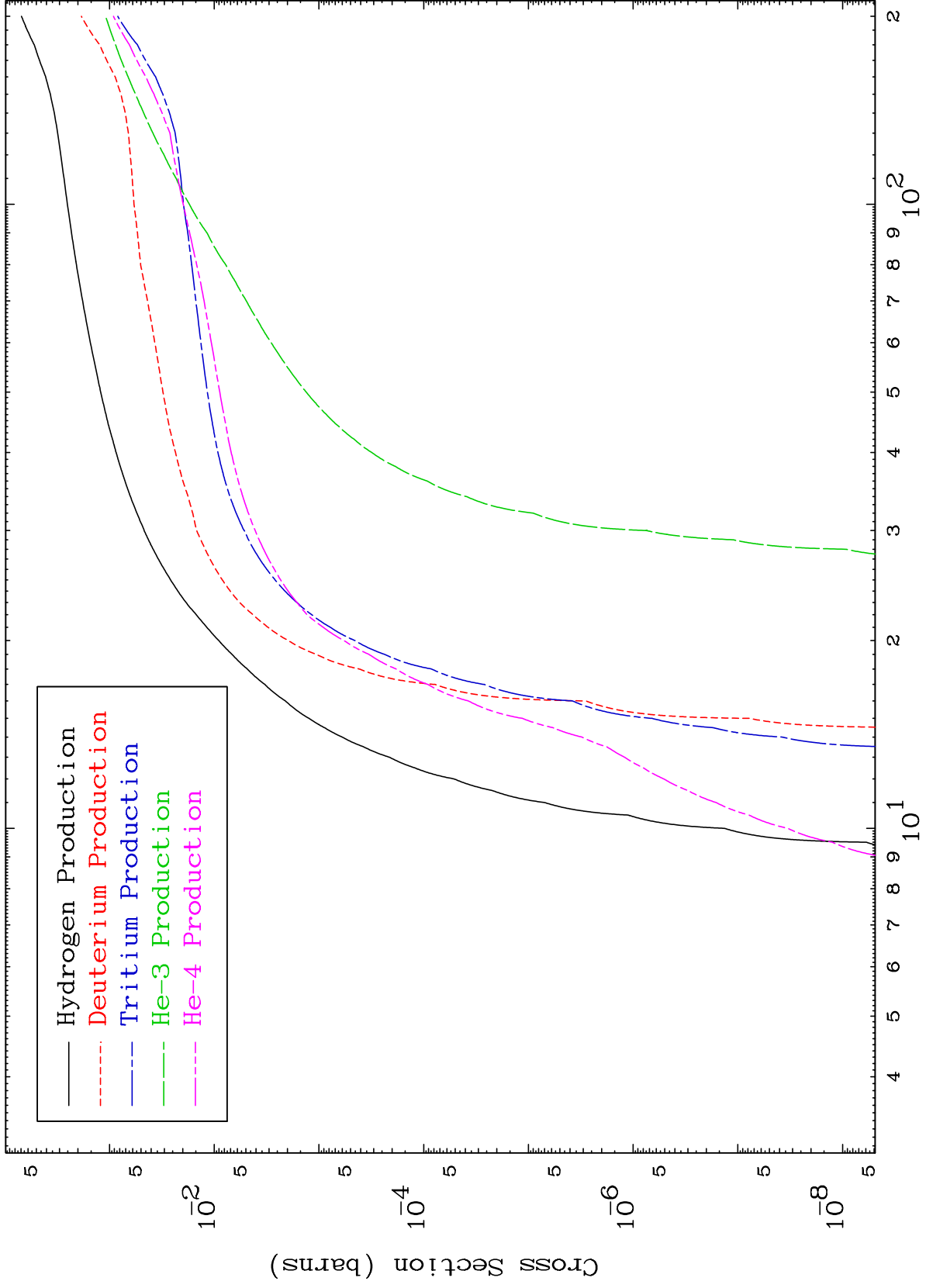


32-Ge-81

Incident Energy (MeV)

4



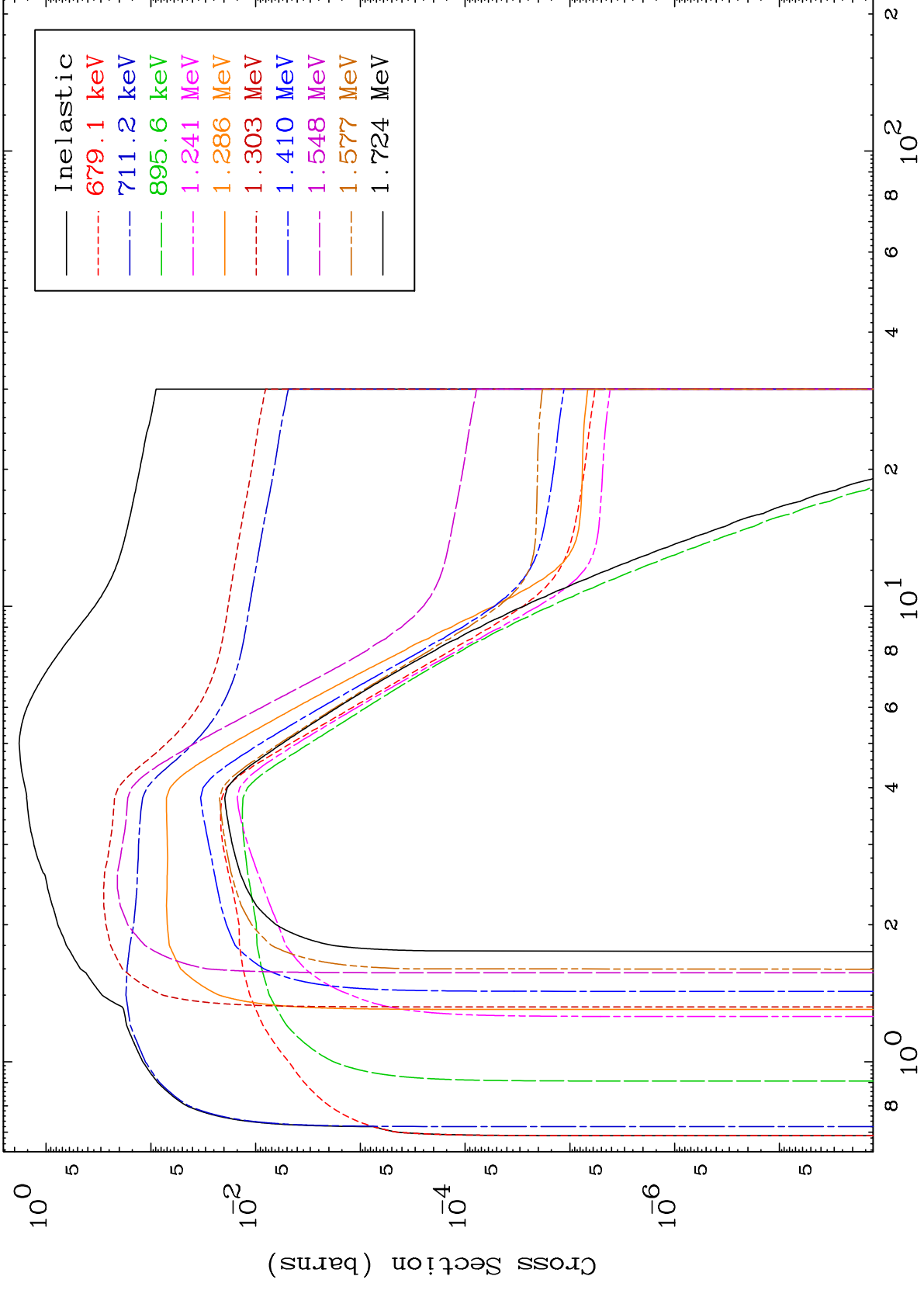


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(n,n') Level

32-Ge-81

293 Kelvin Cross Sections



7

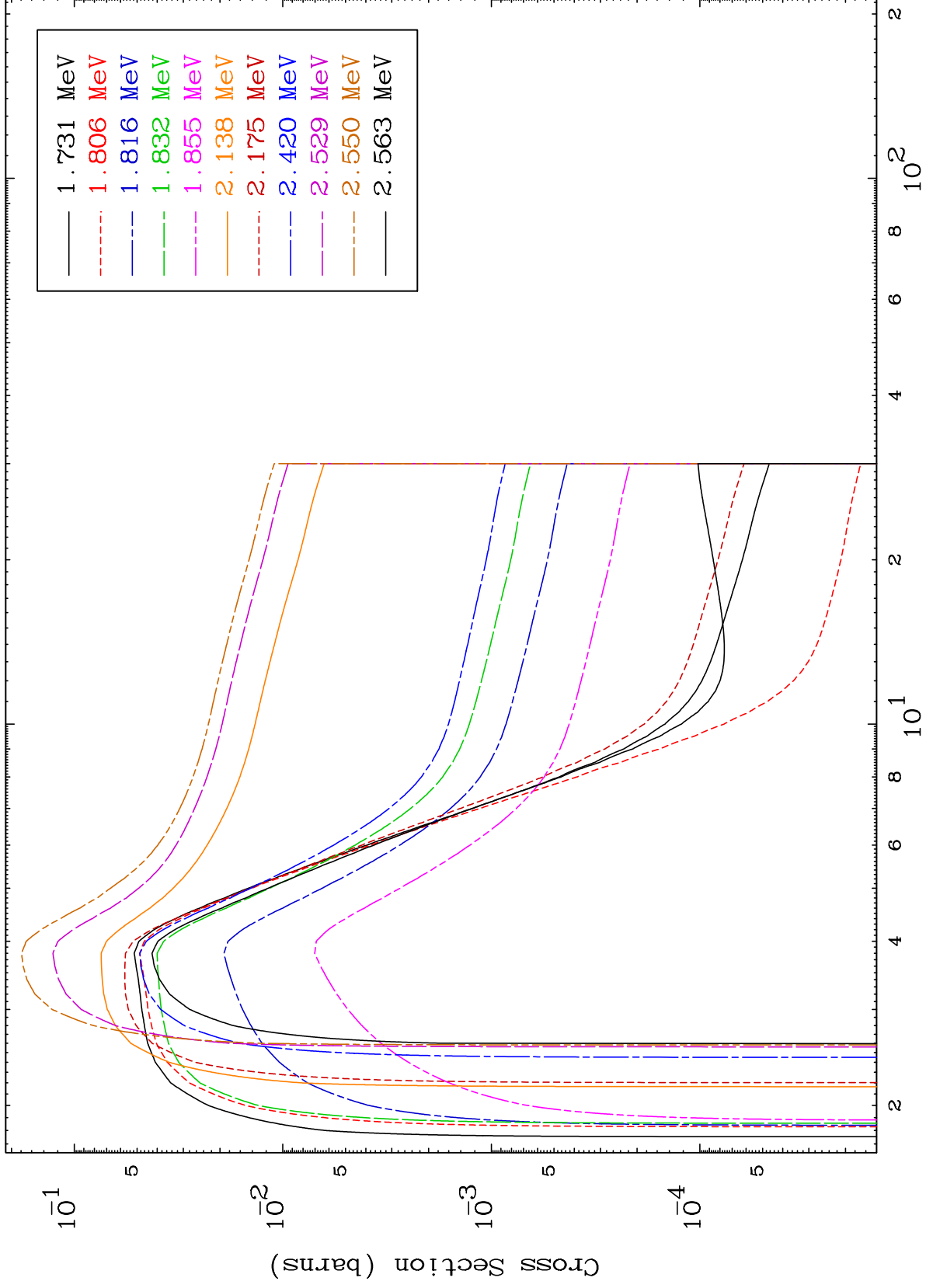
Incident Energy (MeV)

32-Ge-81

MAT 3258

(n,n') Level
293 Kelvin Cross Sections

32-Ge-81

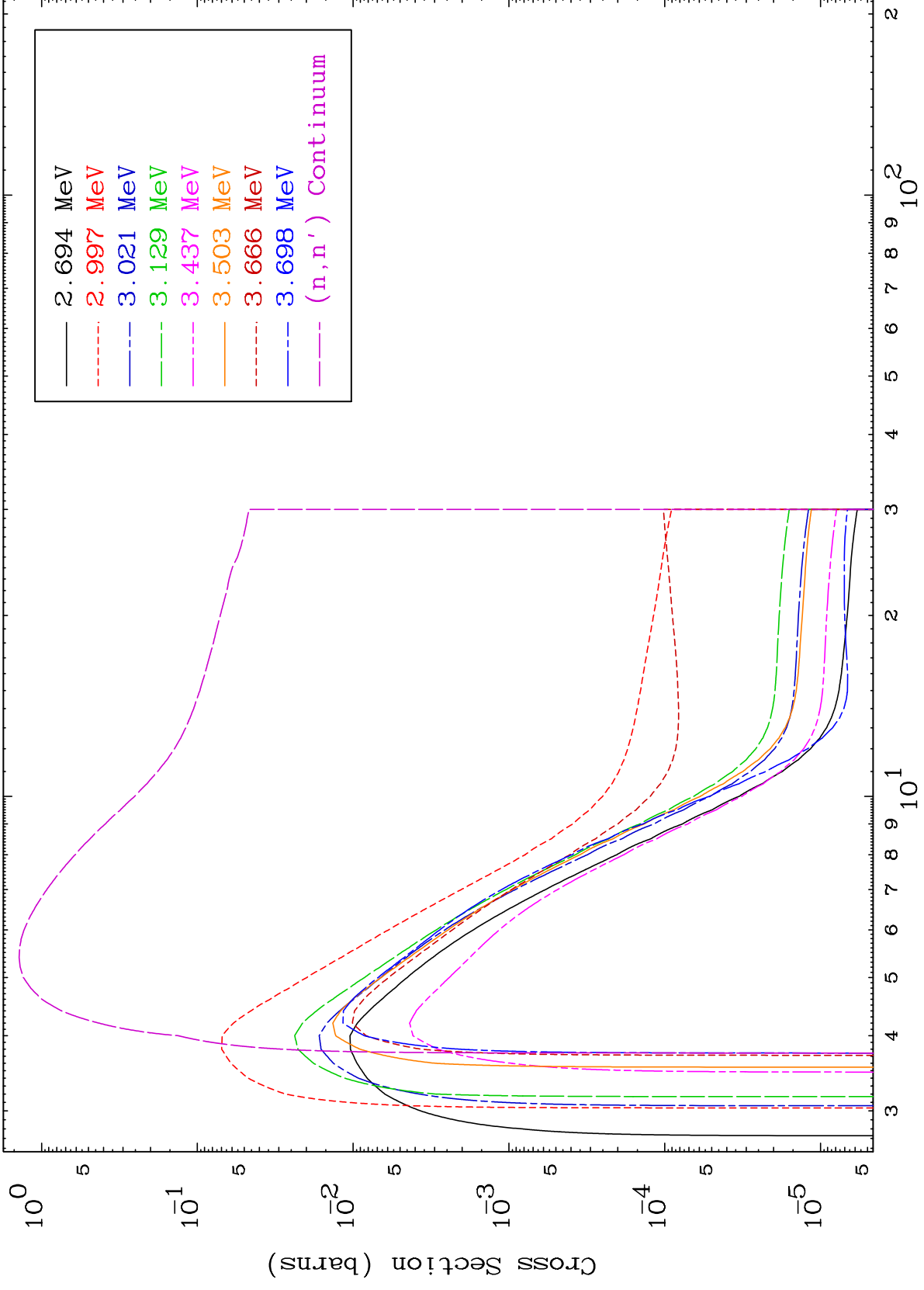


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Incident Energy (MeV)

32-Ge-81

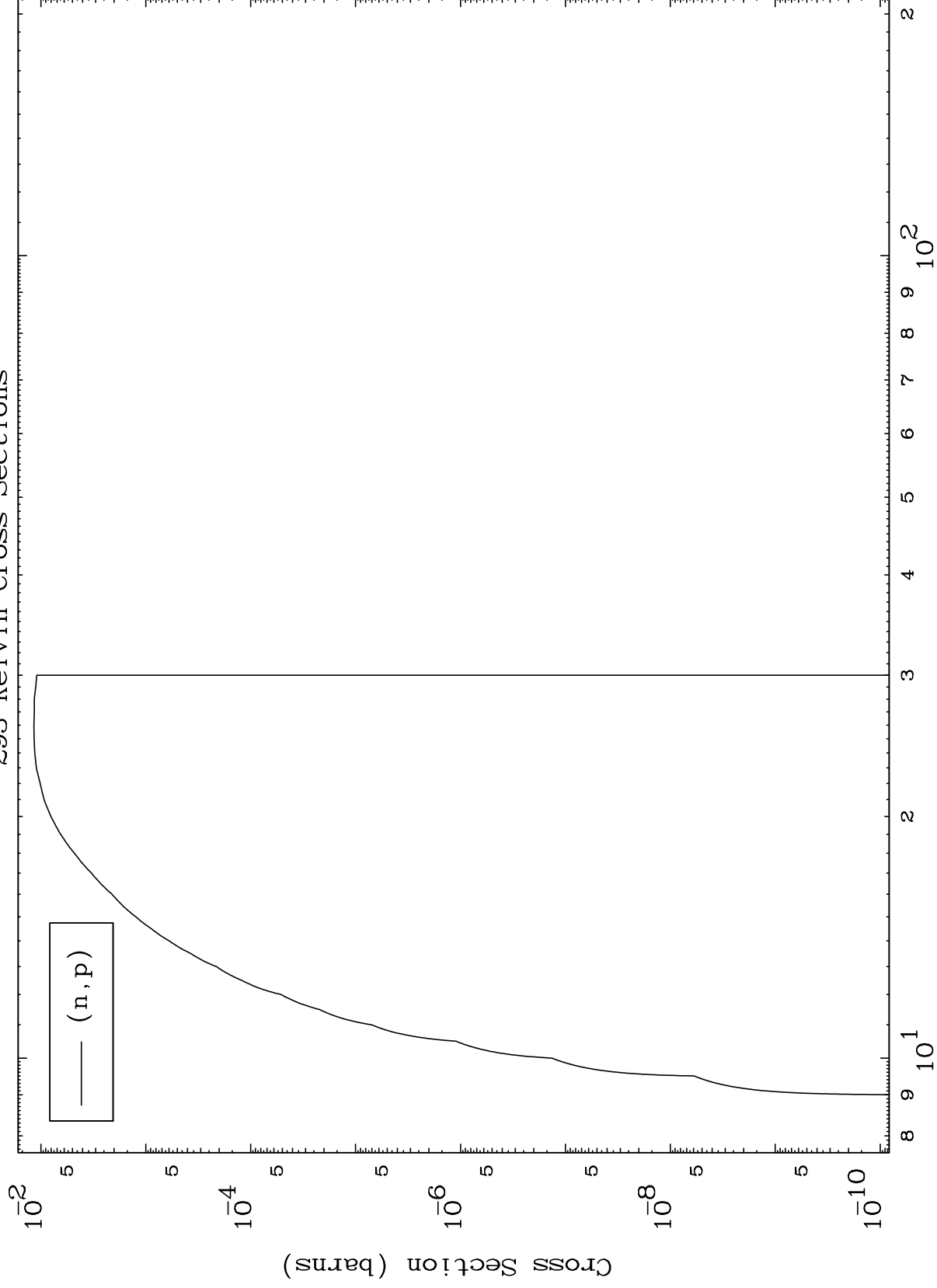
293 Kelvin Cross Sections



MAT 3258

(n,p) Levels
293 Kelvin Cross Sections

³²Ge-81



³²Ge-81

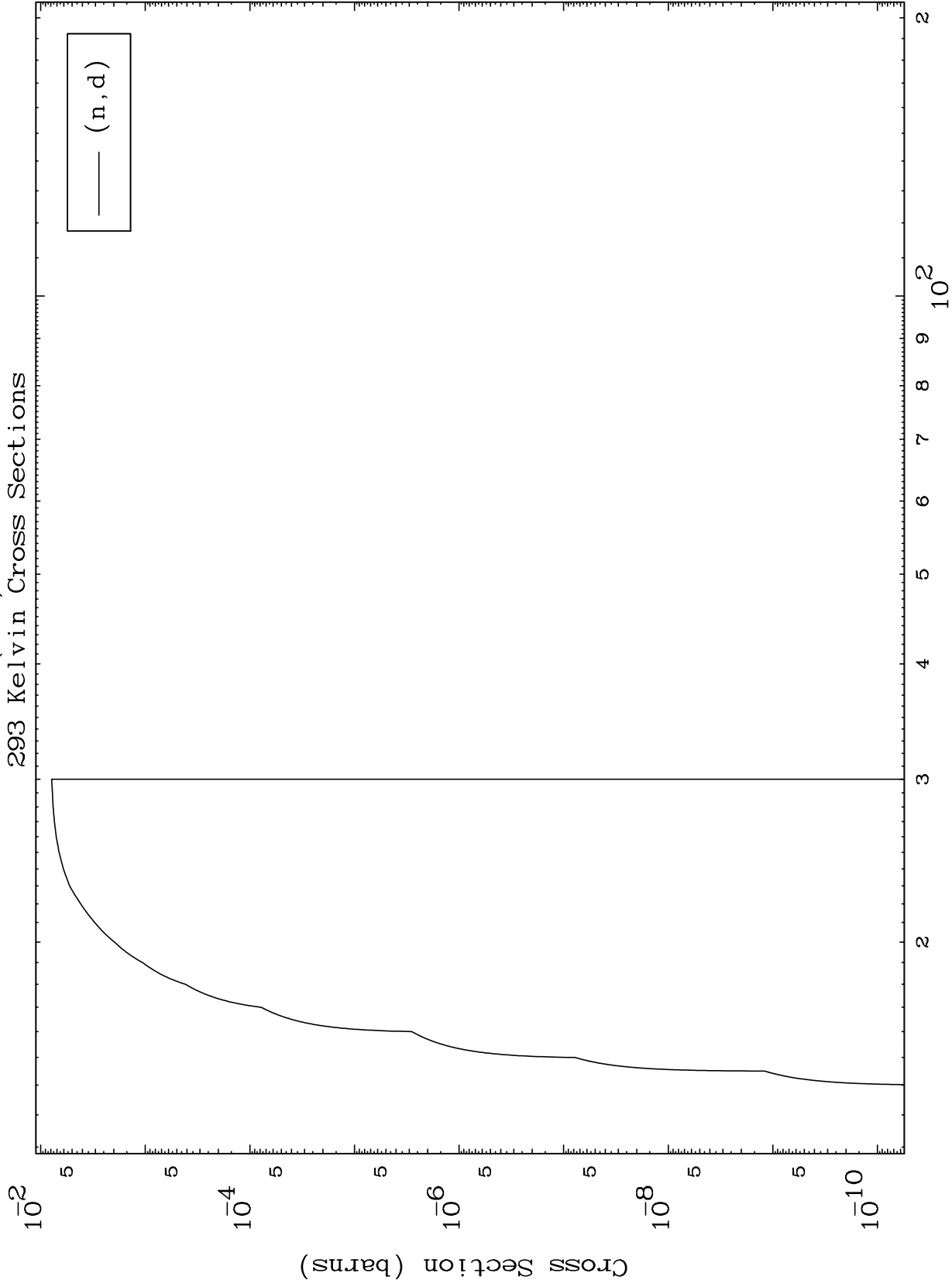
Incident Energy (MeV)

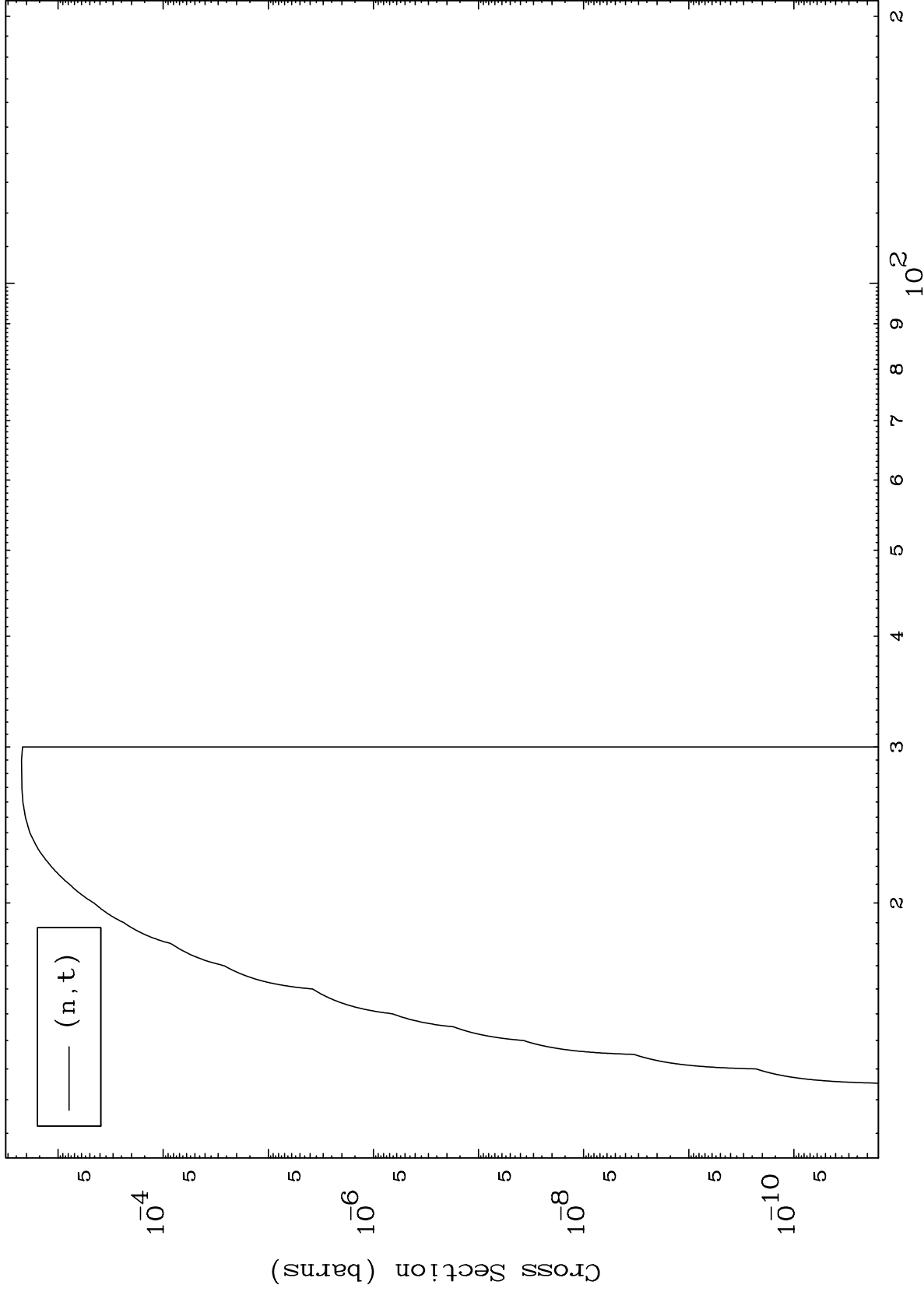
10

MAT 3258

(n,d) Levels
293 Kelvin Cross Sections

32-Ge-81

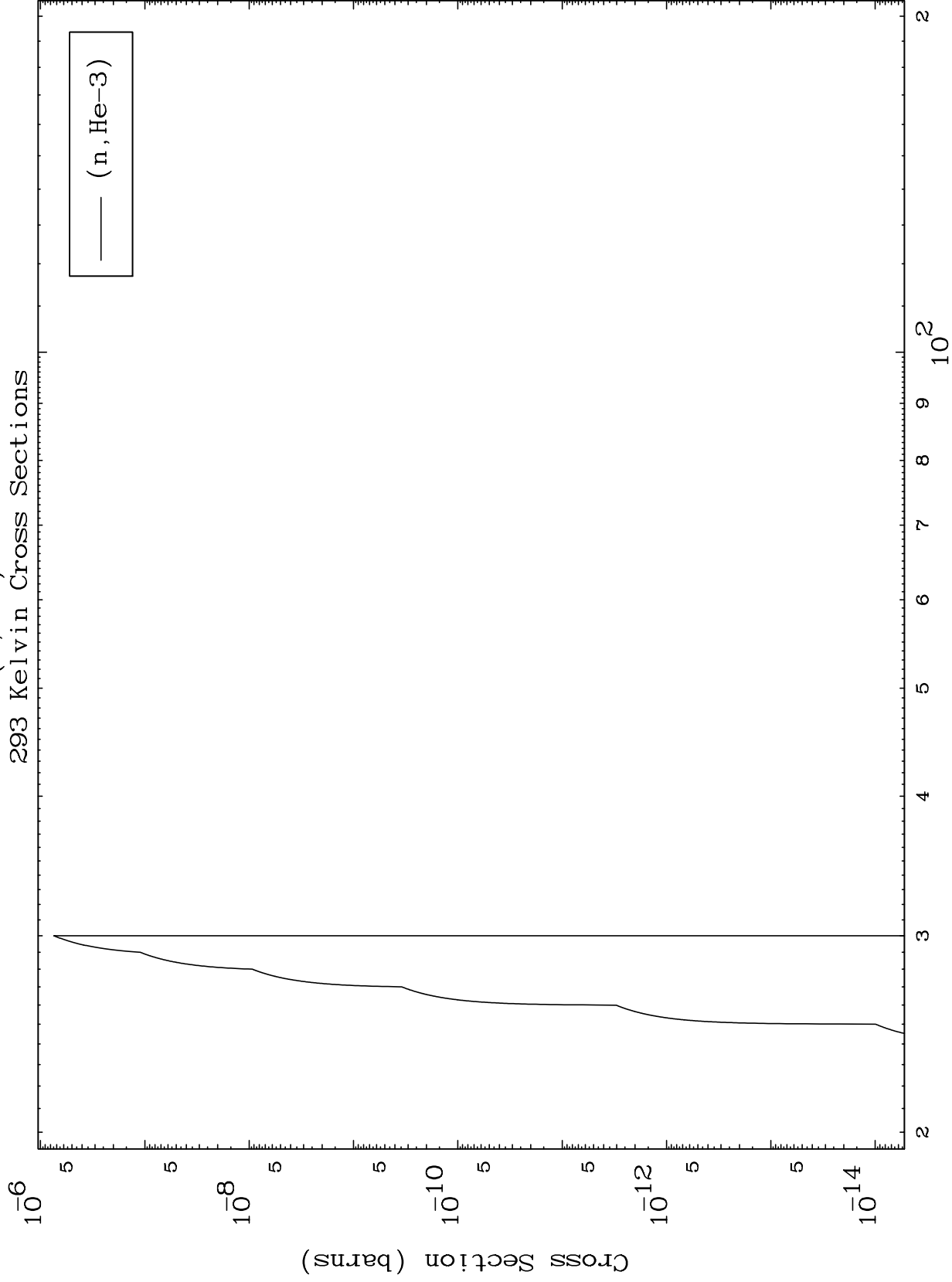




MAT 3258

(n,He3) Levels
293 Kelvin Cross Sections

32-Ge-81



13

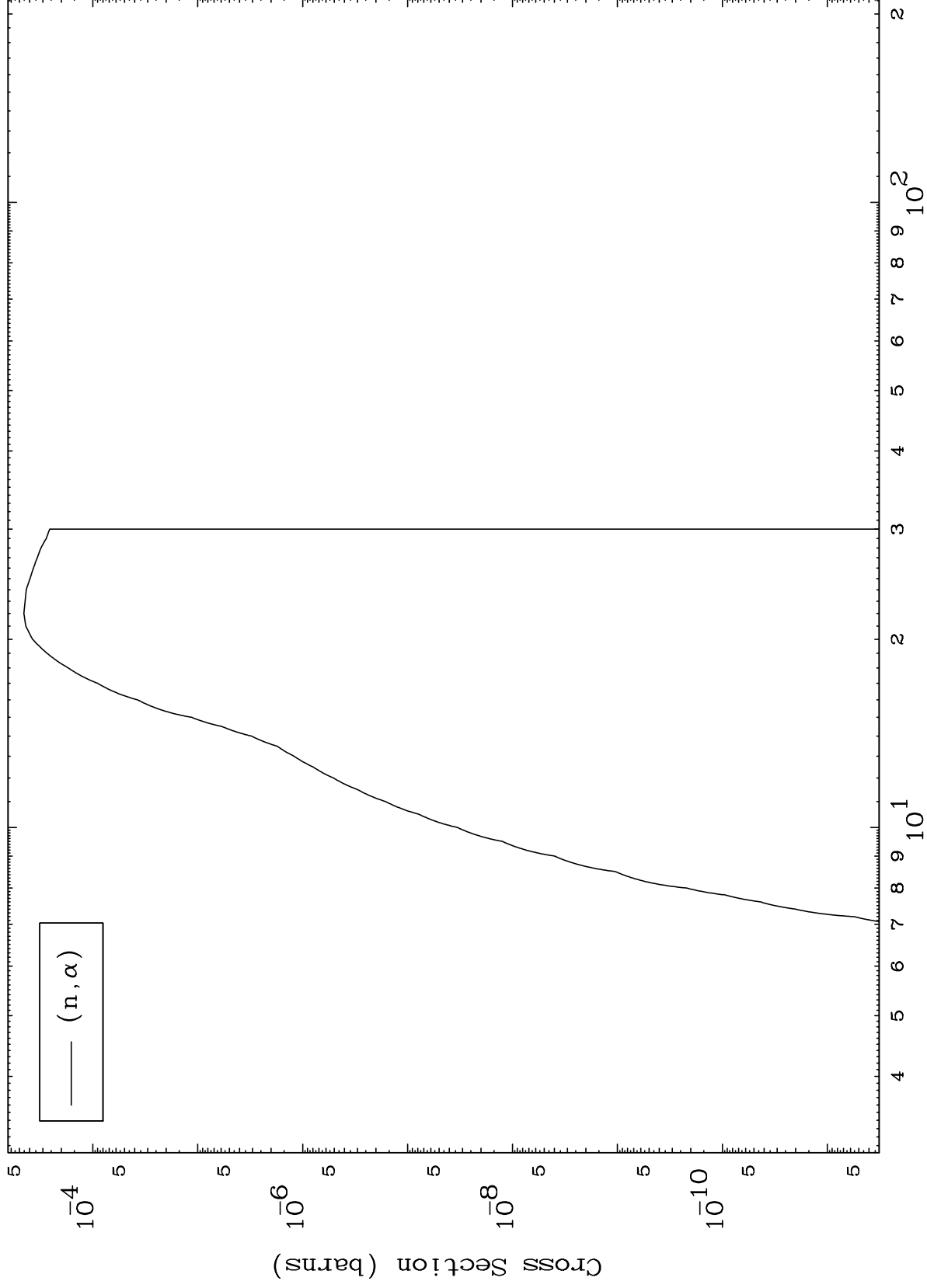
Incident Energy (MeV)

32-Ge-81

MAT 3258

(n, α) Levels
293 Kelvin Cross Sections

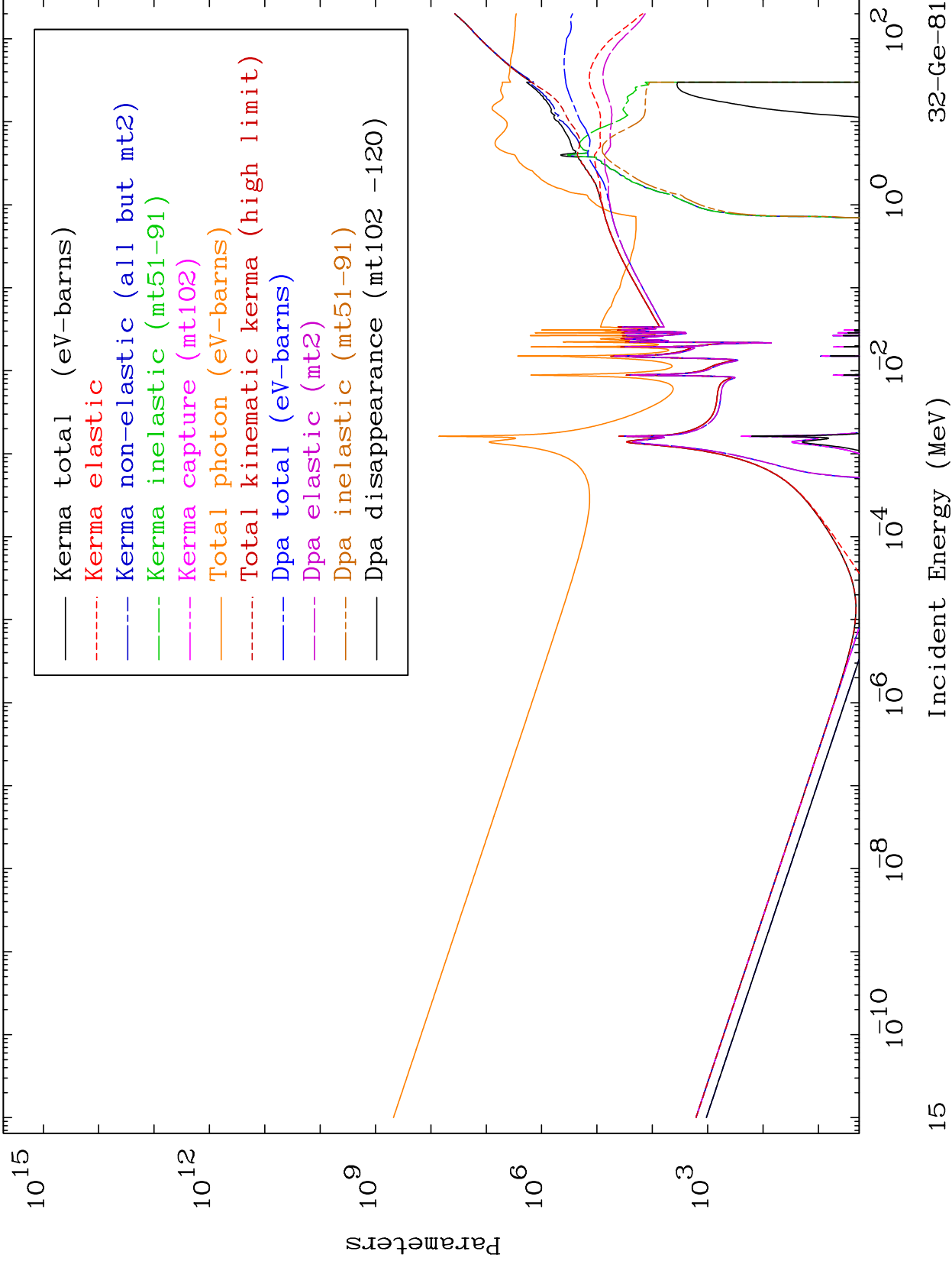
³²Ge-81



14

Incident Energy (MeV)

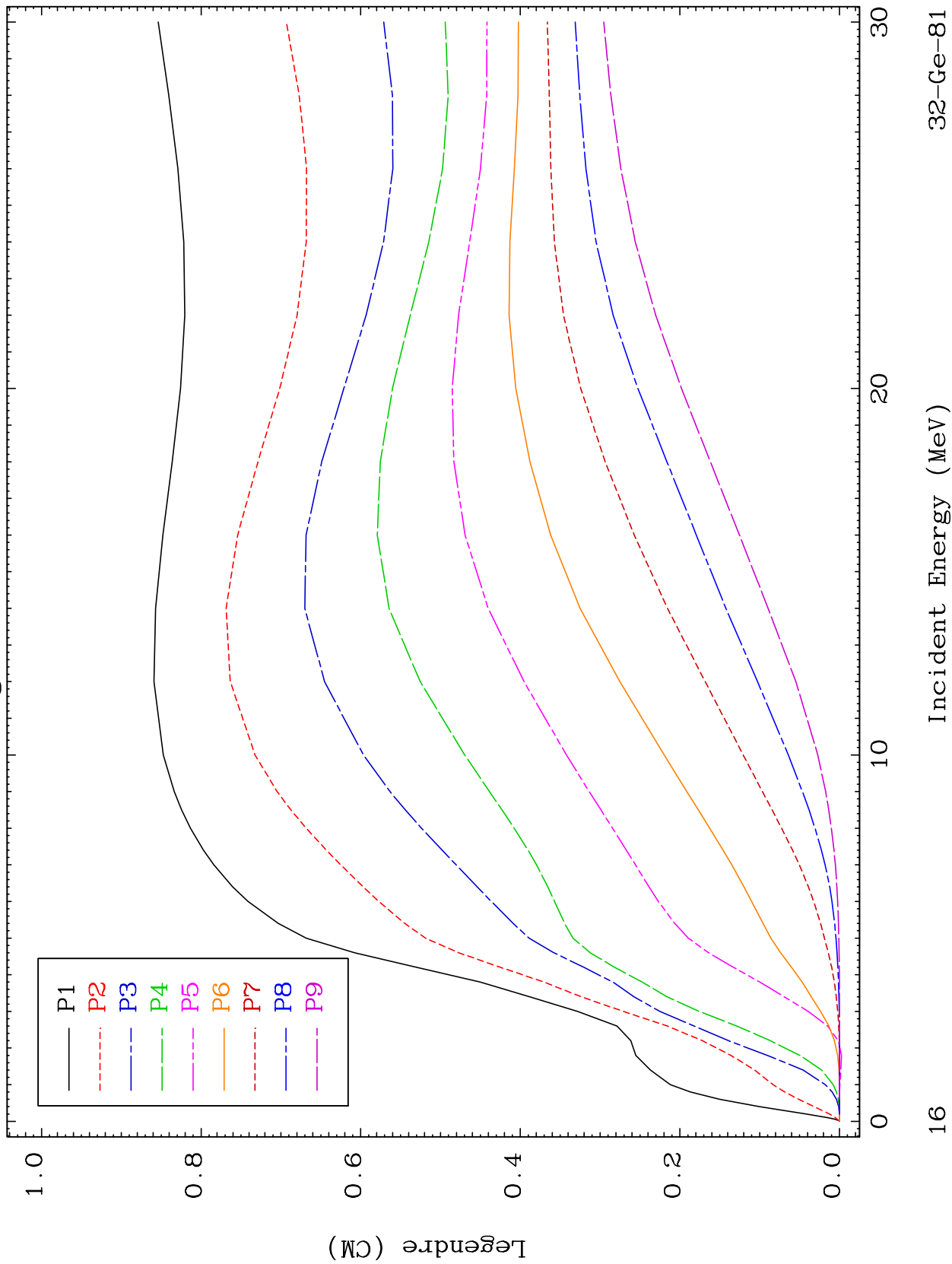
³²Ge-81



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Elastic Legendre Coefficients

³²Ge-81



16

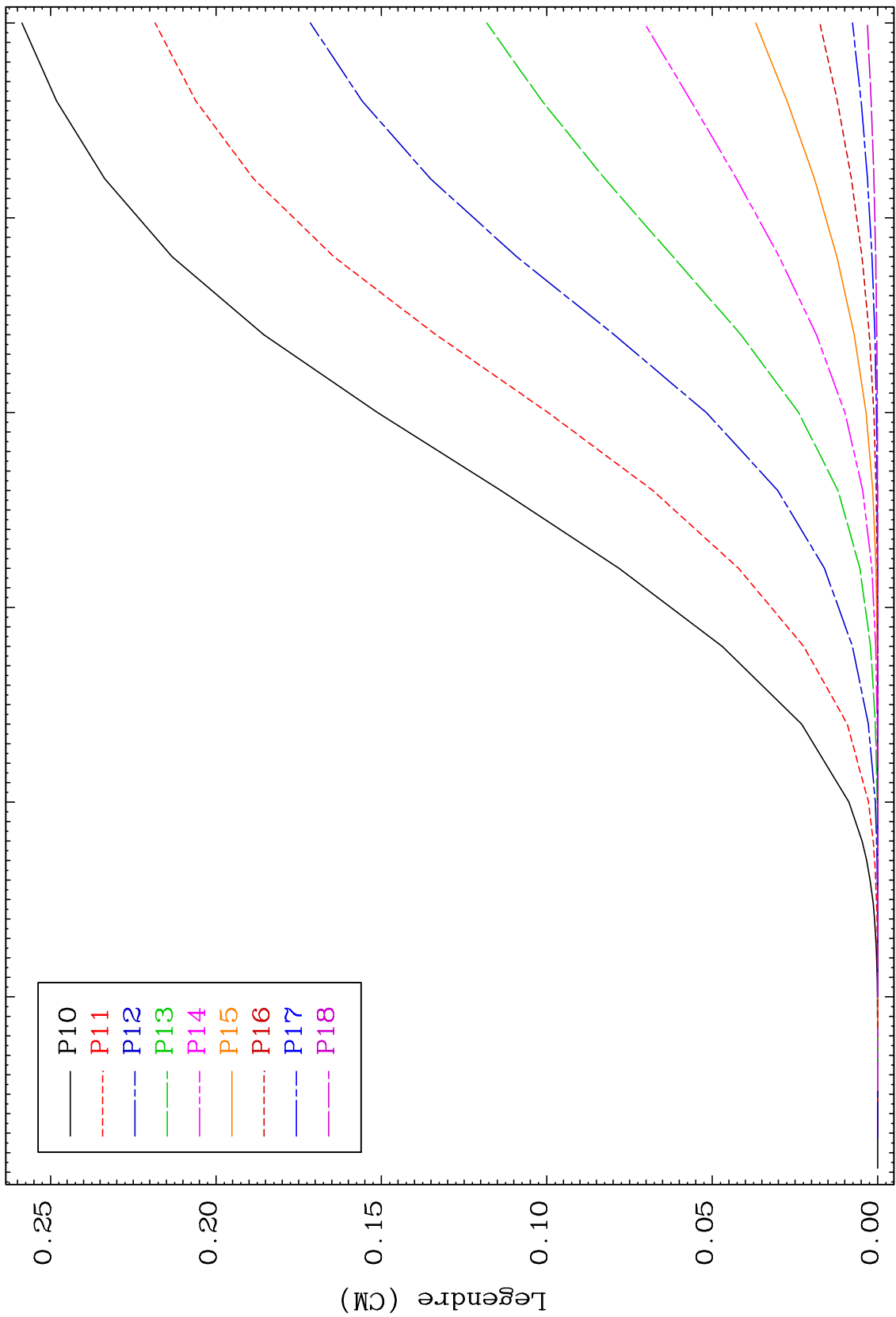
Incident Energy (MeV)

³²Ge-81

MAT 3258

Elastic Legendre Coefficients

³²Ge-81



17

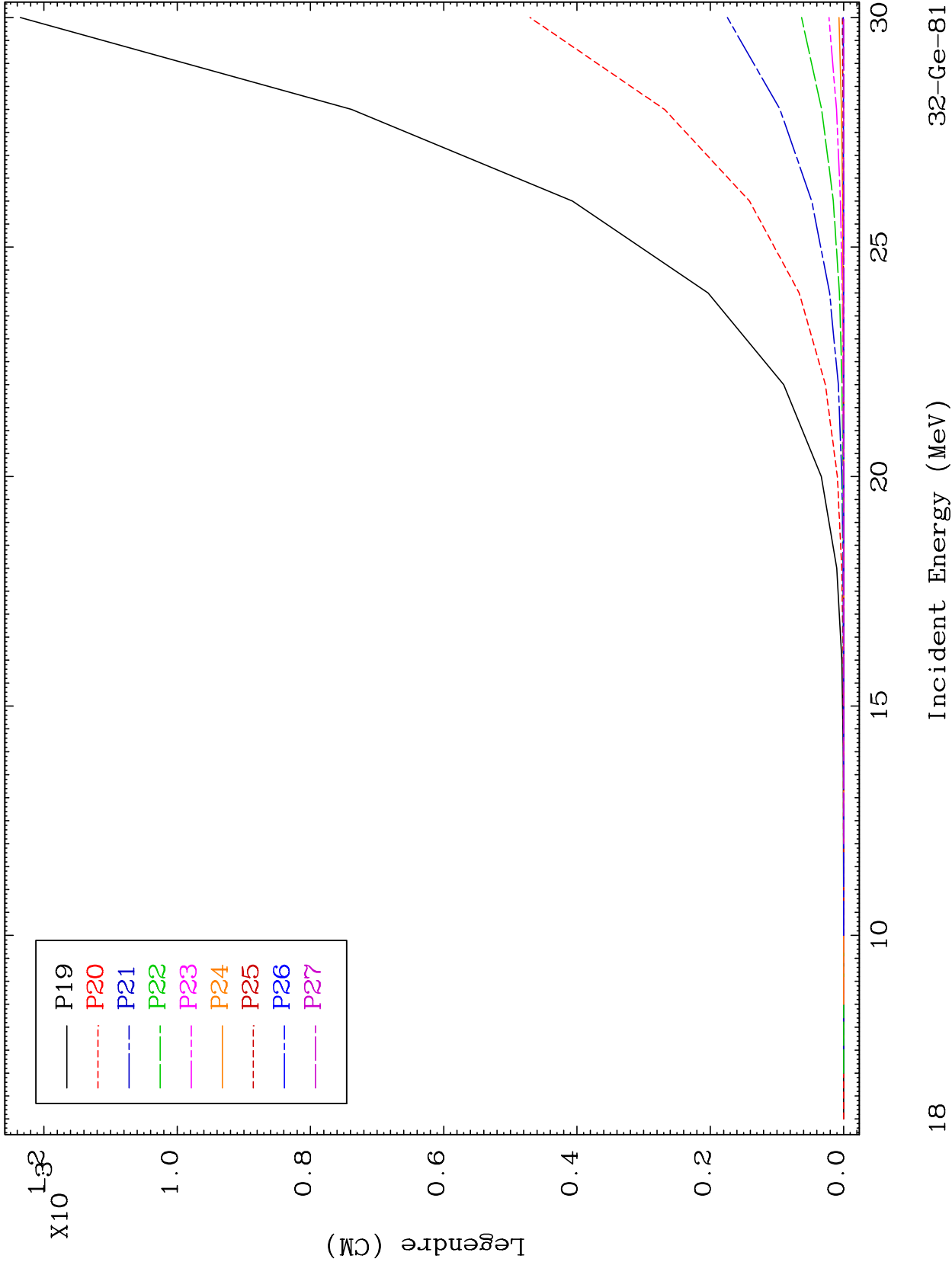
³²Ge-81

Incident Energy (MeV)

MAT 3258

Elastic Legendre Coefficients

³²Ge-81



18

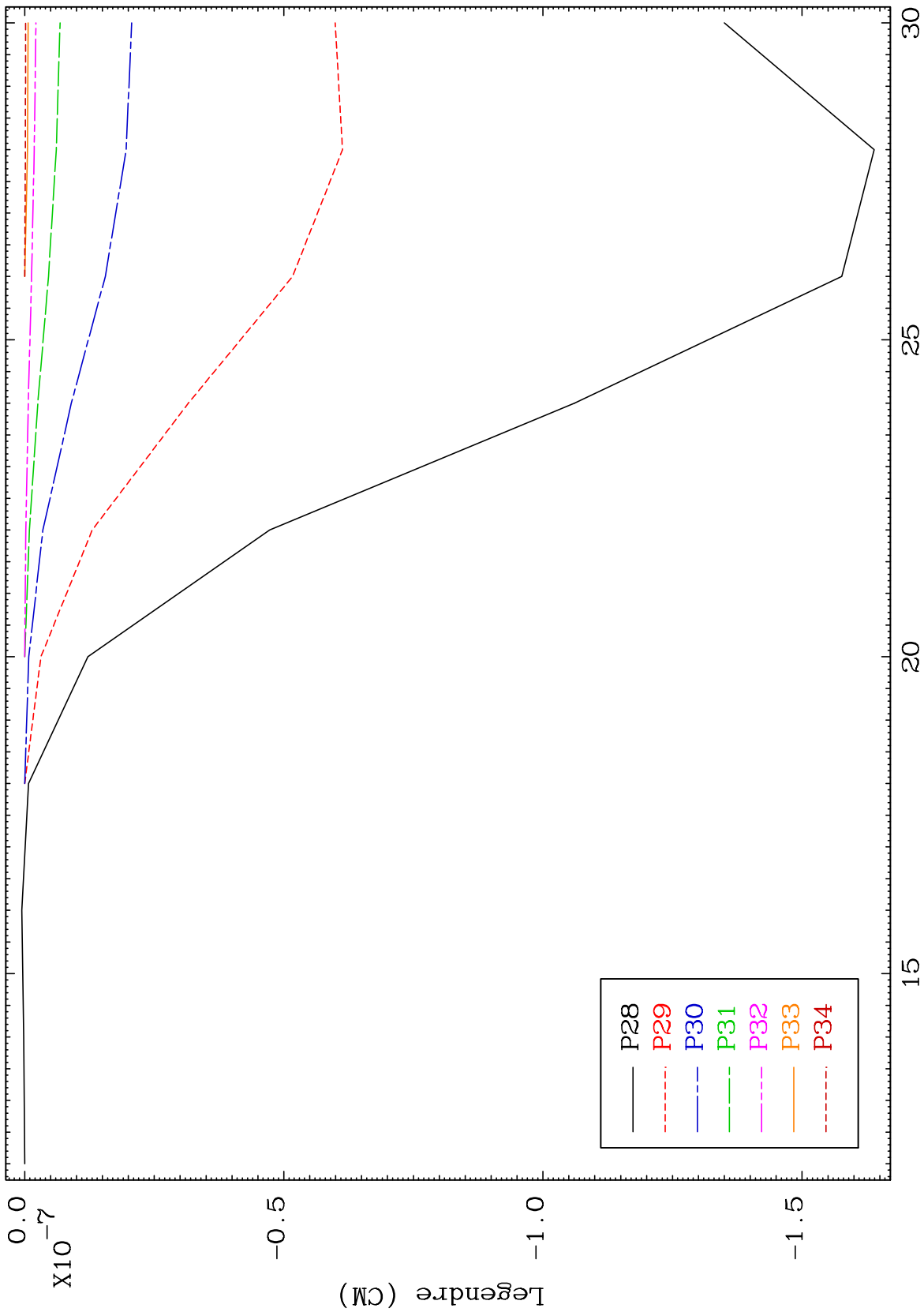
Incident Energy (MeV)

³²Ge-81

MAT 3258

32-Ge-81

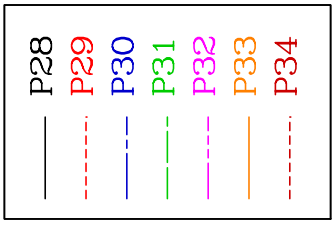
Elastic Legendre Coefficients



Legendre (CM)
X10⁻⁷

Incident Energy (MeV)

32-Ge-81

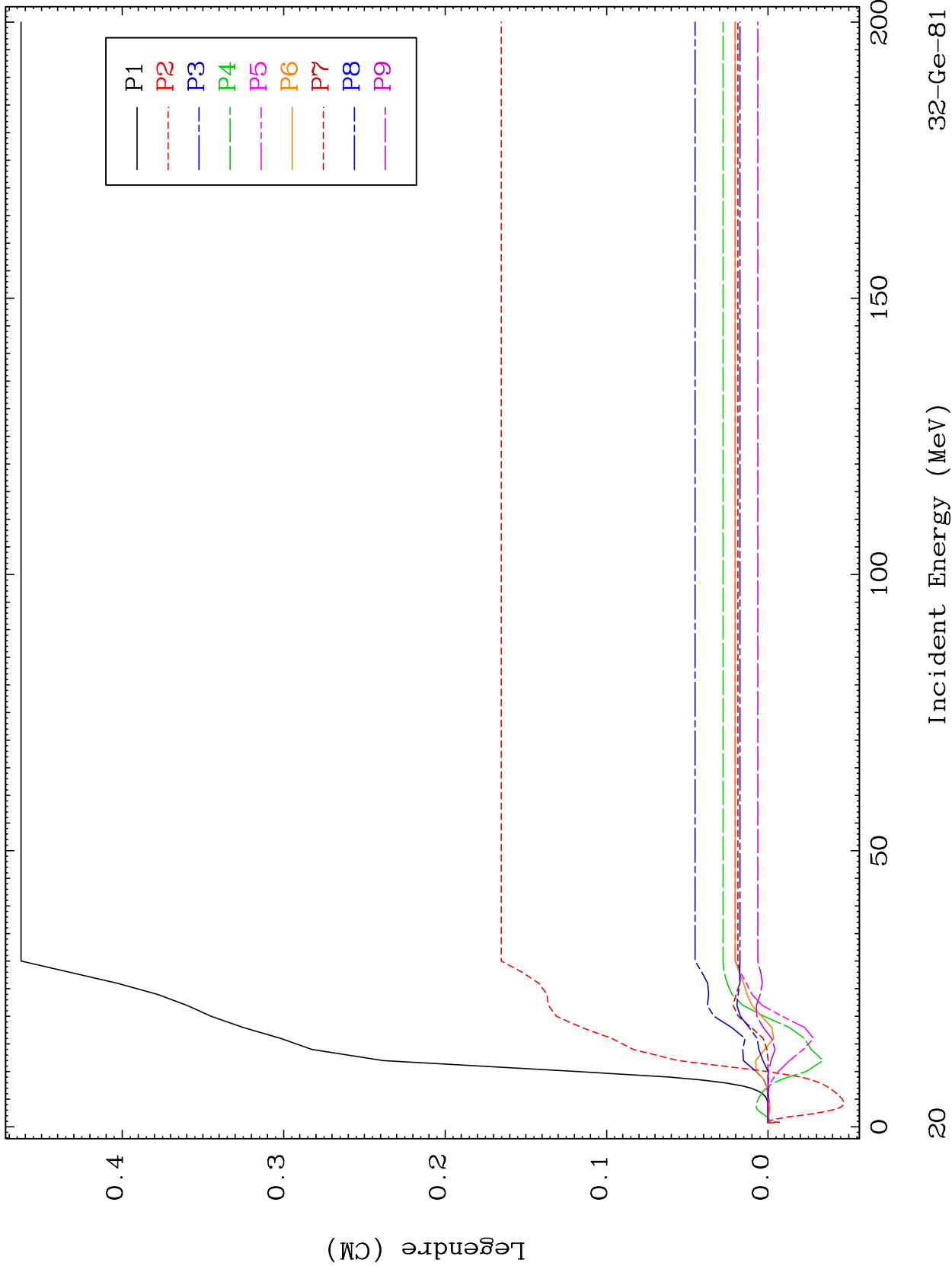


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MAT 3258

679.1 keV (n,n') Level
Legendre Coefficients

32-Ge-81

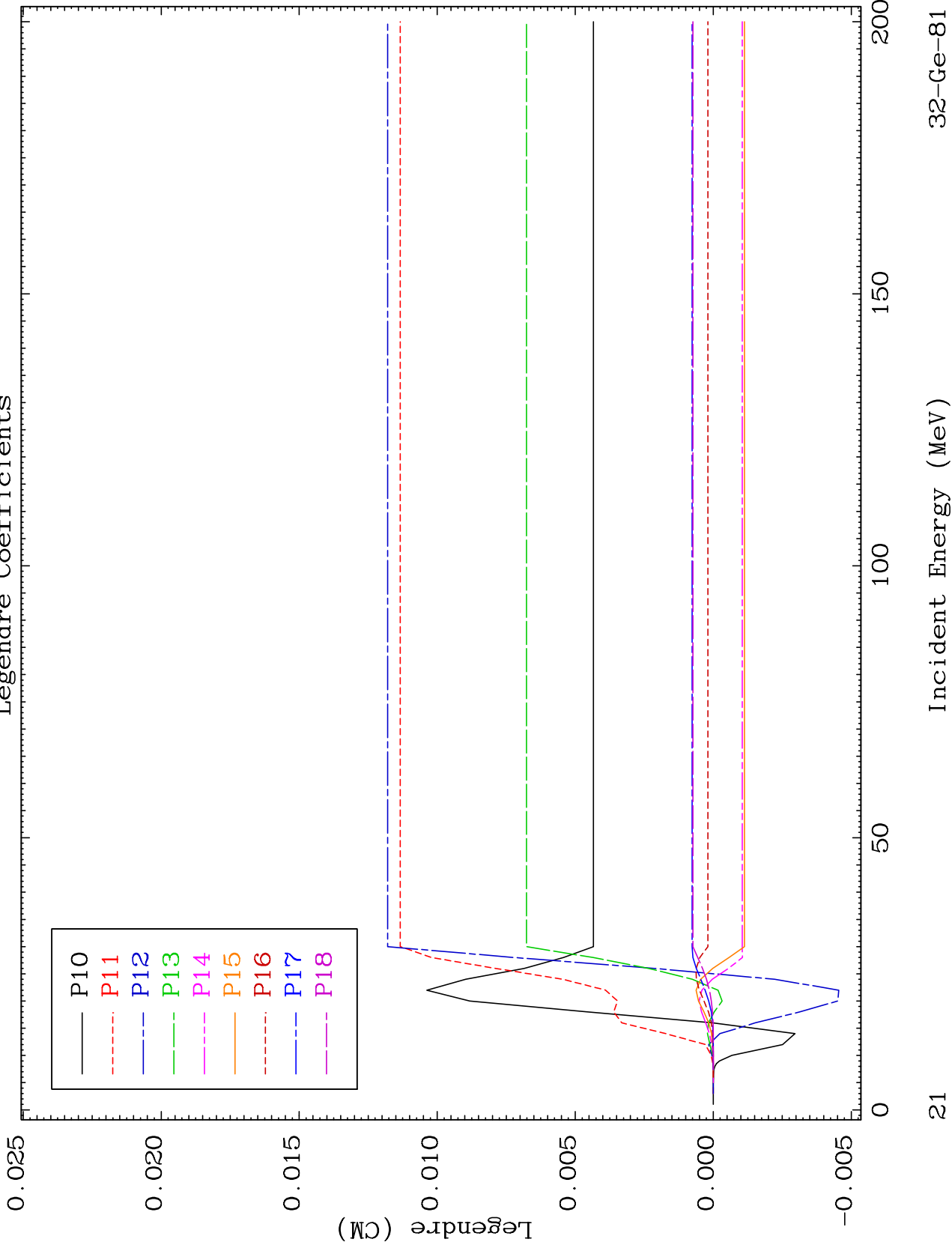


32-Ge-81

MAT 3258

679.1 keV (n,n') Level
Legendre Coefficients

32-Ge-81



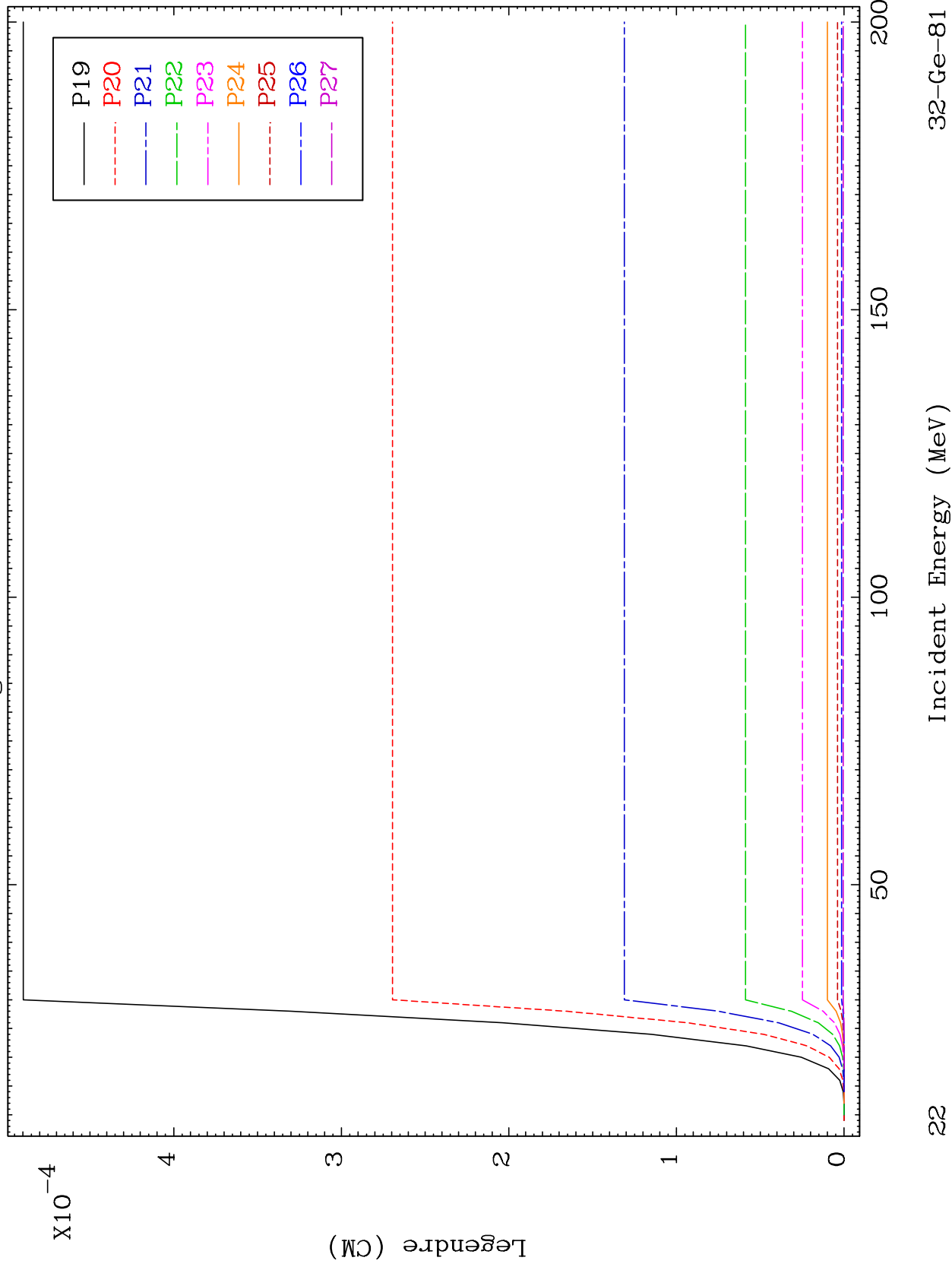
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32-Ge-81

MAT 3258

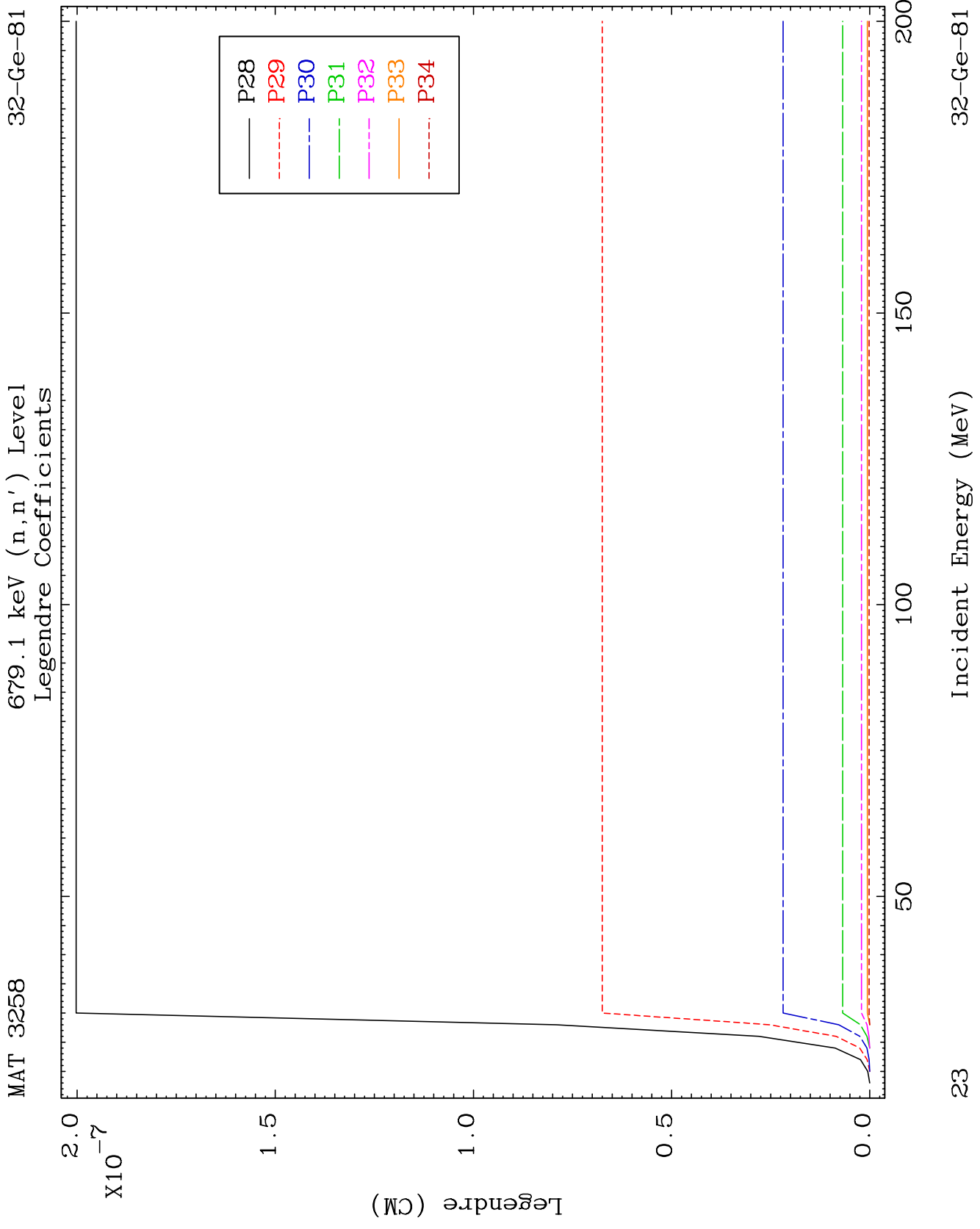
679.1 keV (n,n') Level
Legendre Coefficients

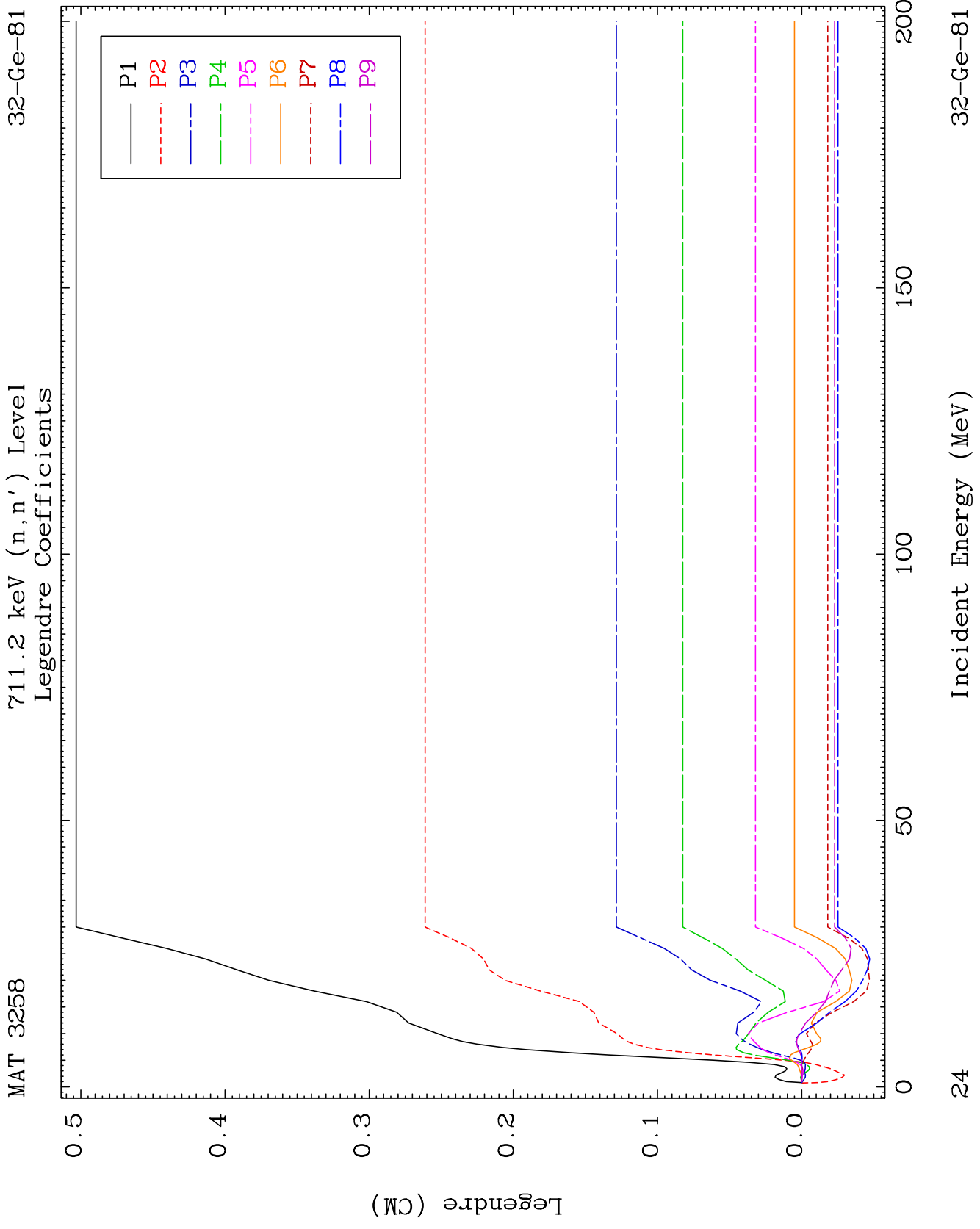
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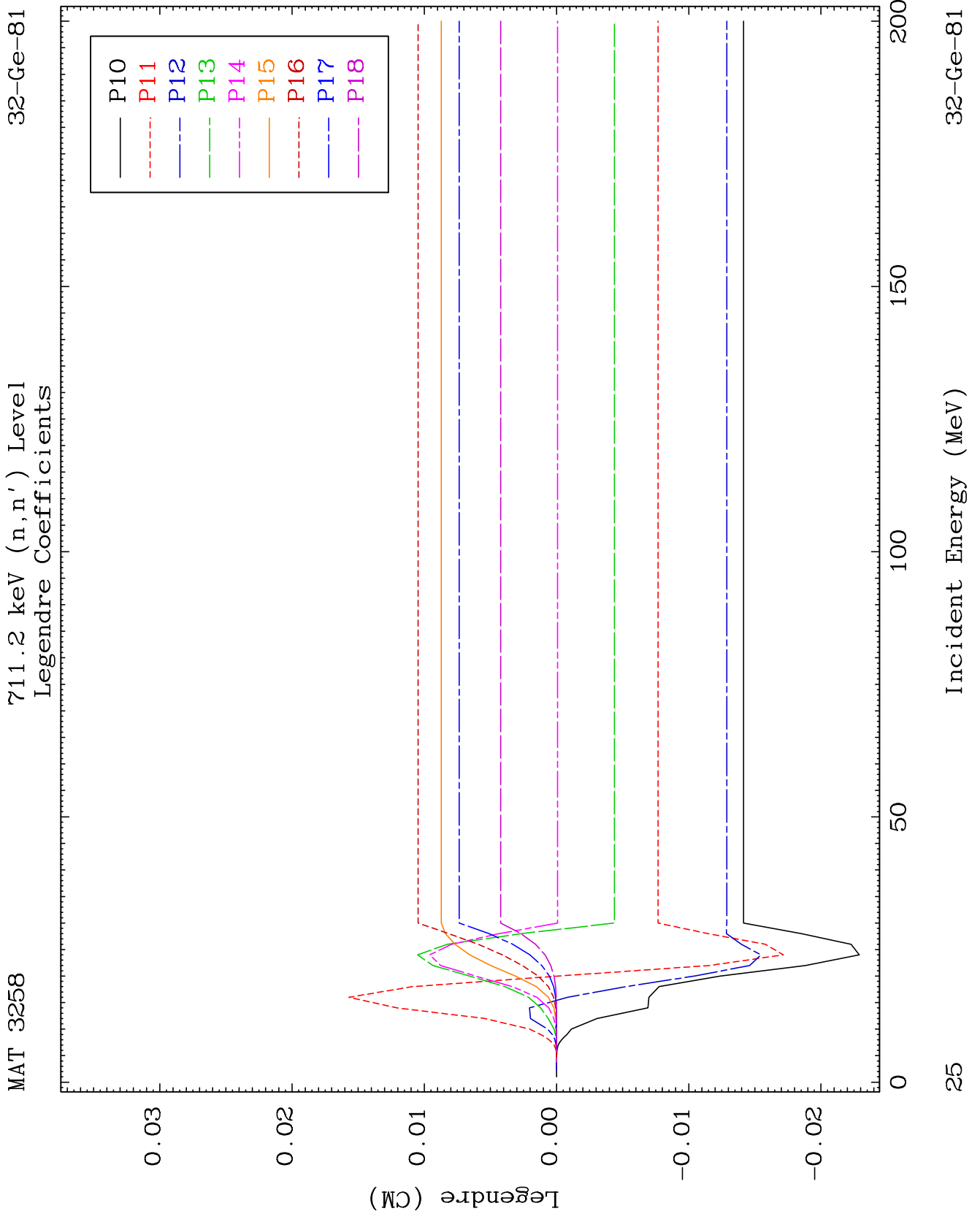


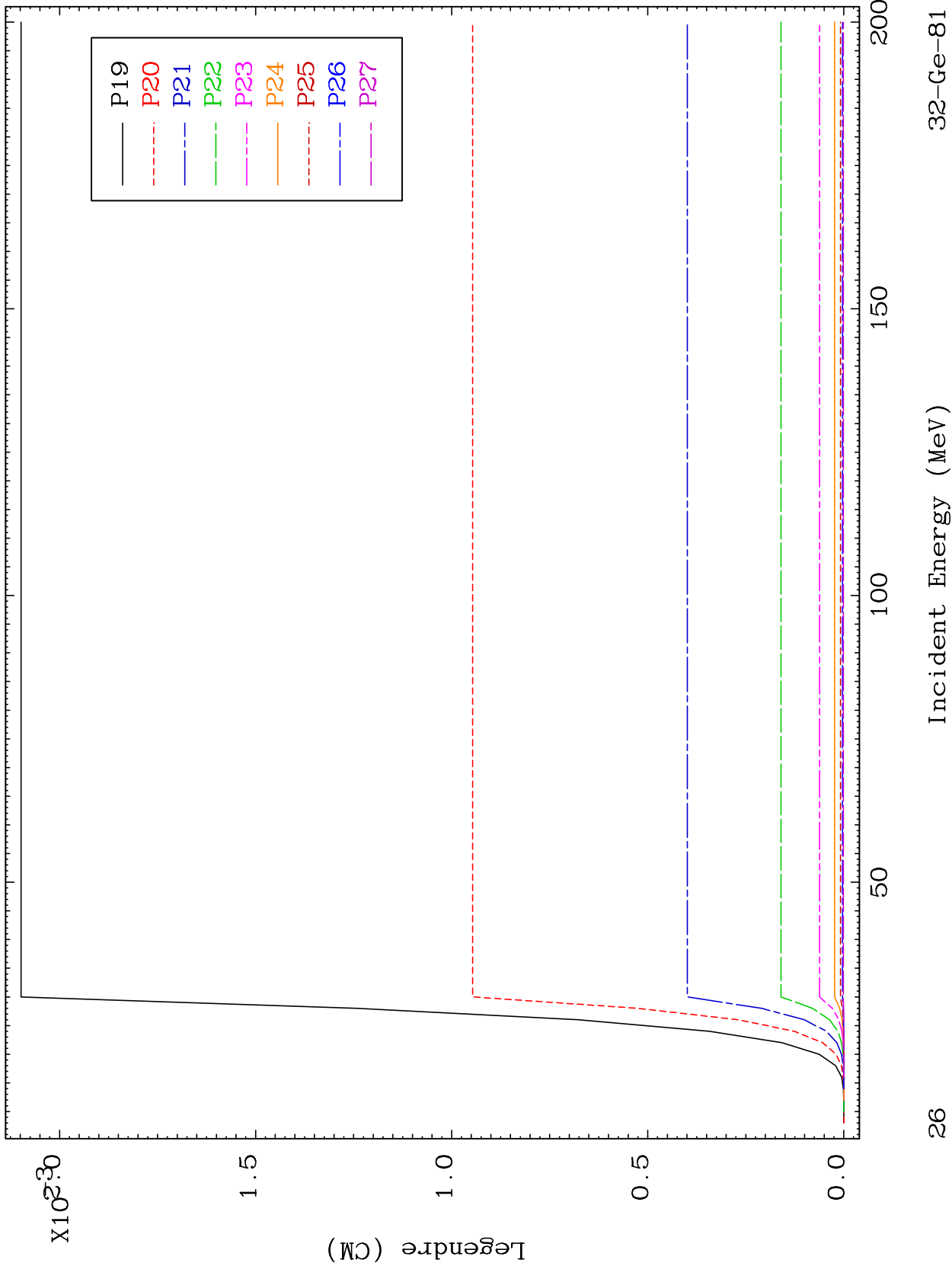
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32-Ge-81





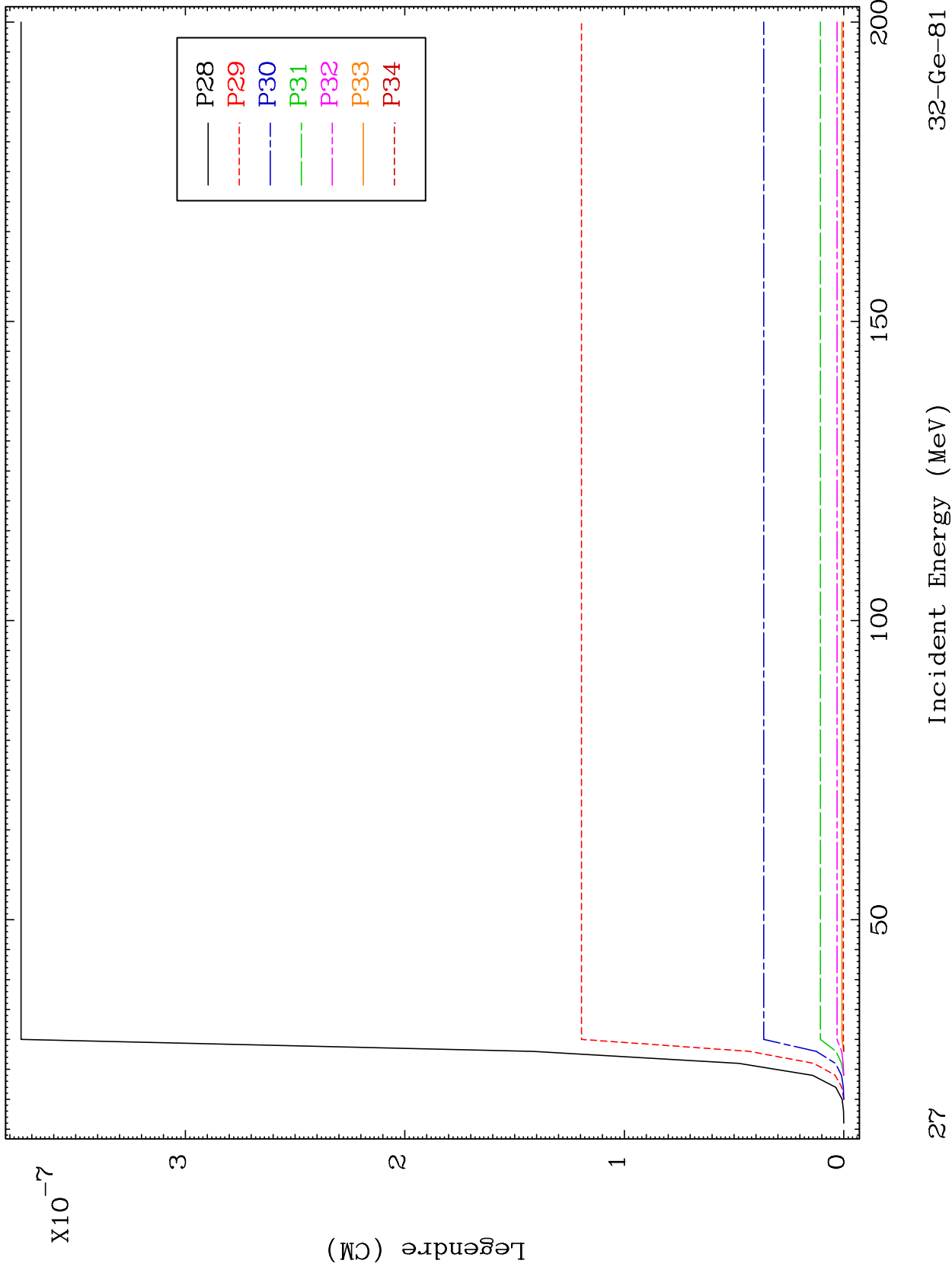




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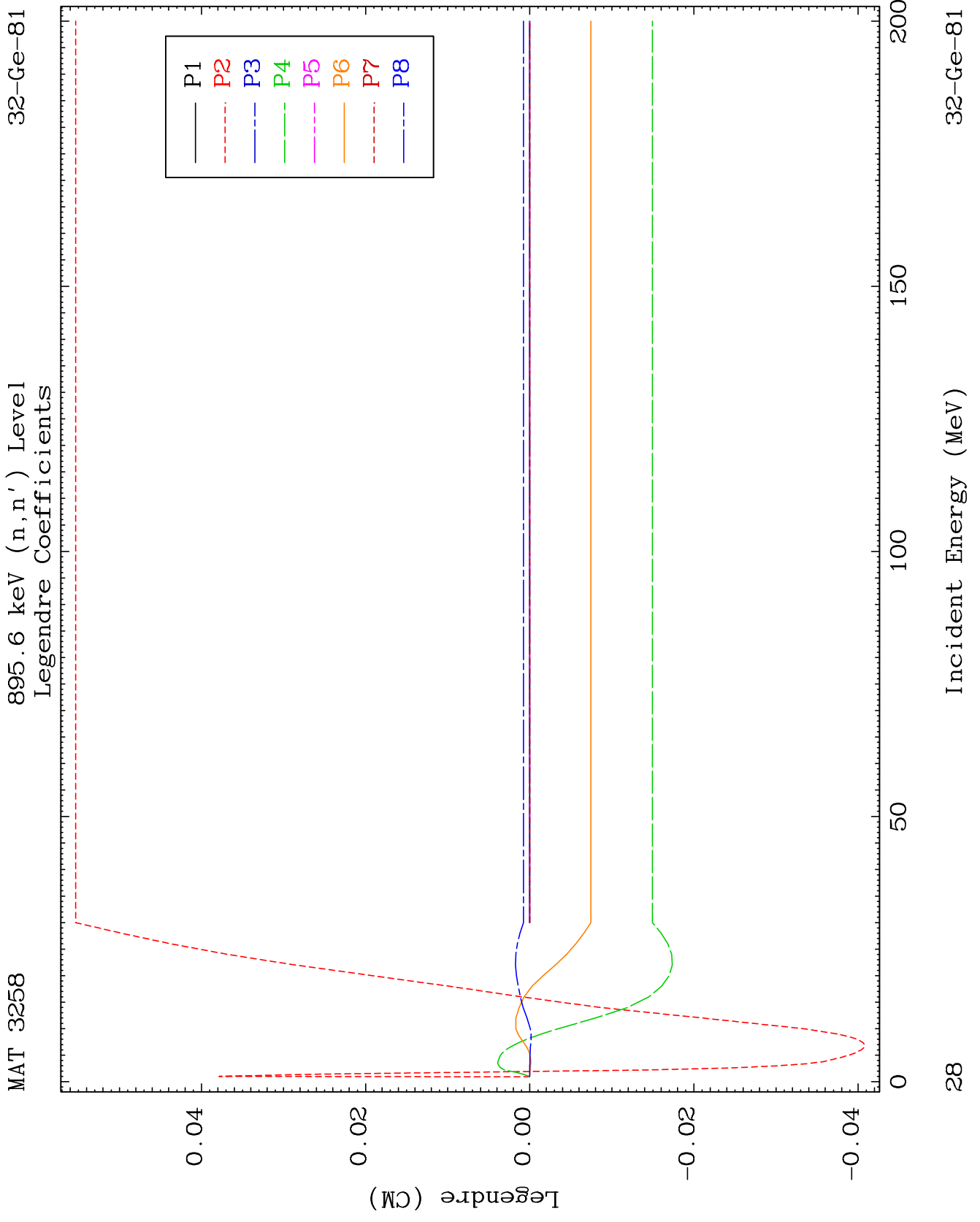
711.2 keV (n,n') Level
Legendre Coefficients

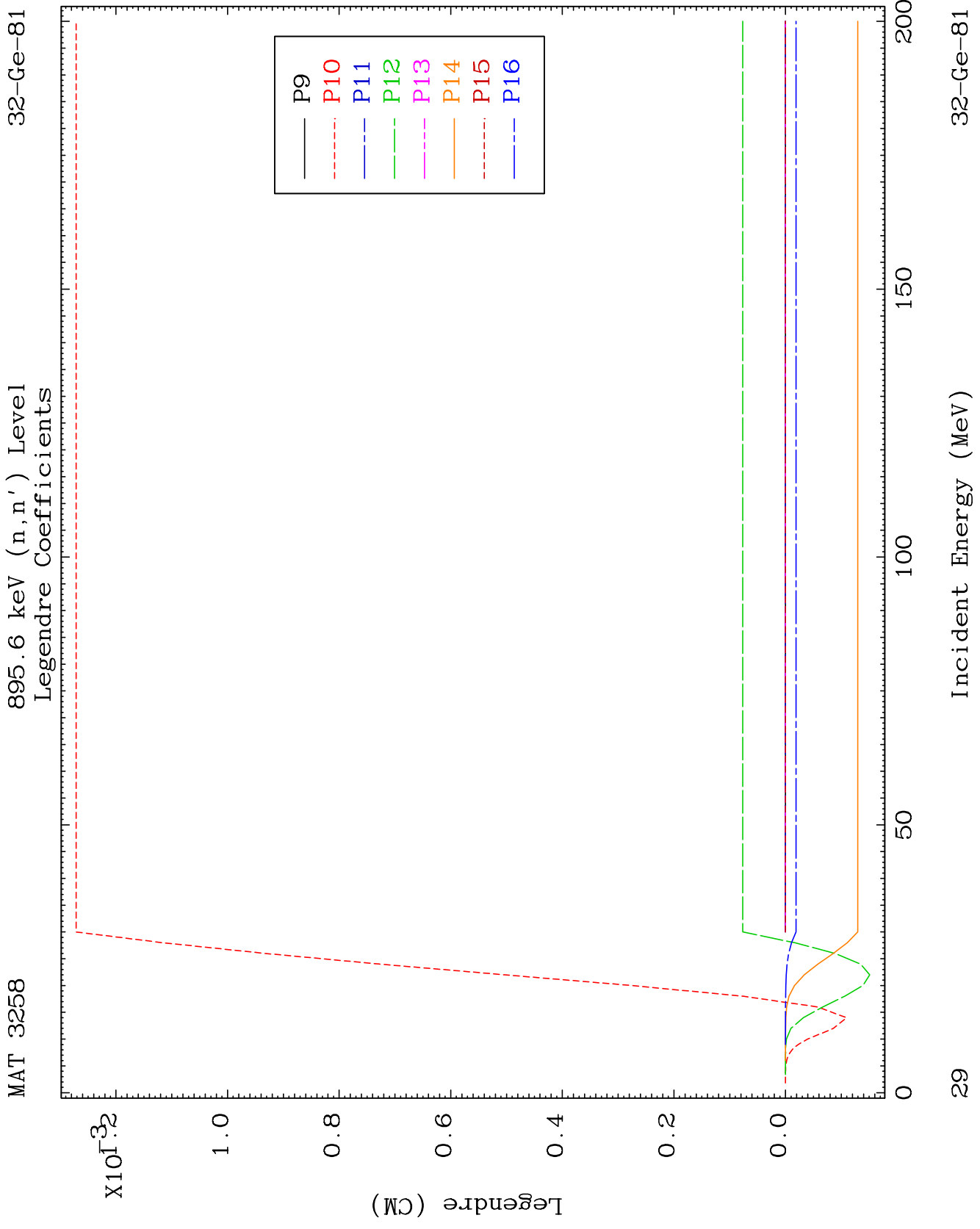
32-Ge-81

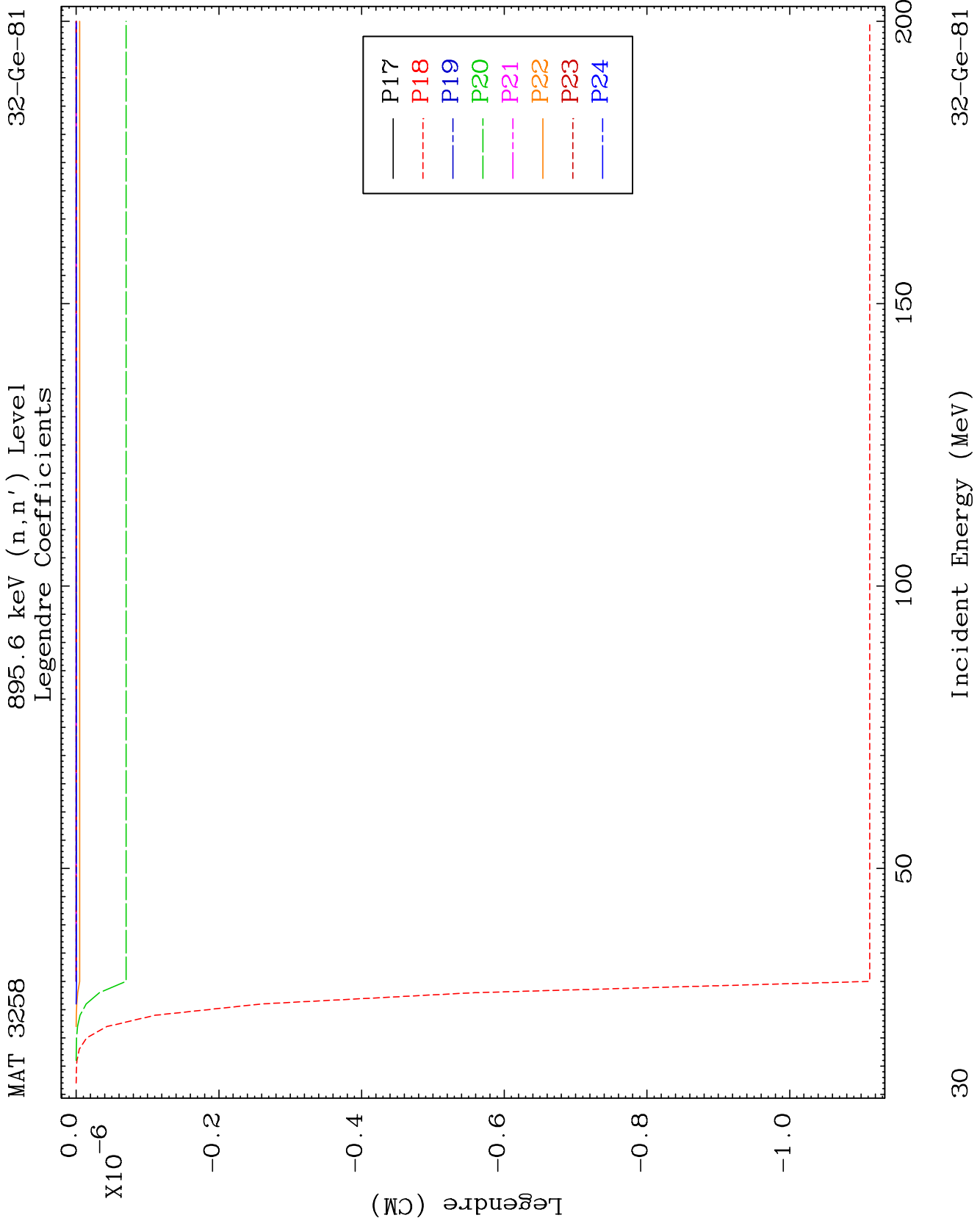


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32-Ge-81



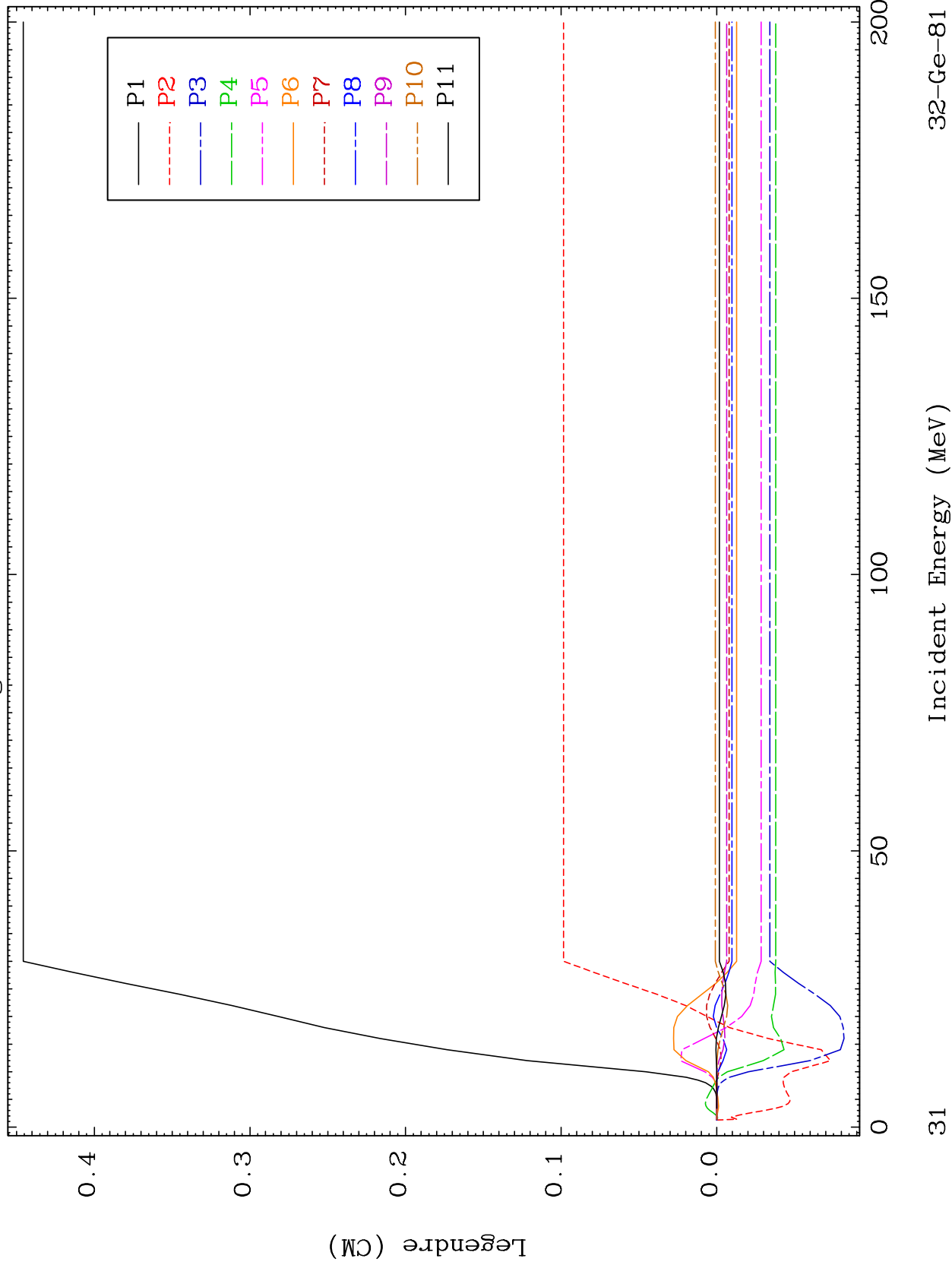




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1.241 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



31

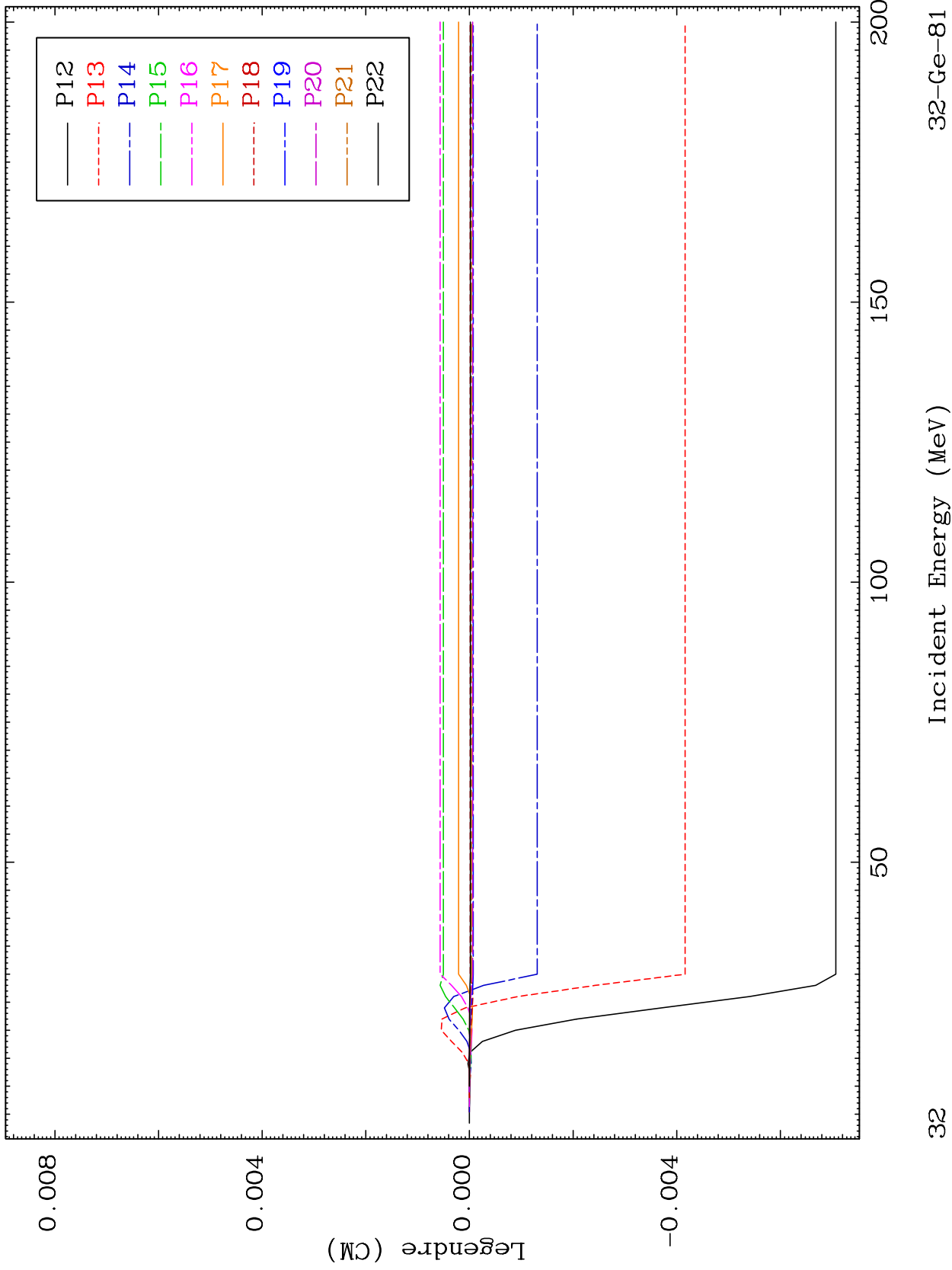
Incident Energy (MeV)

32-Ge-81

MAT 3258

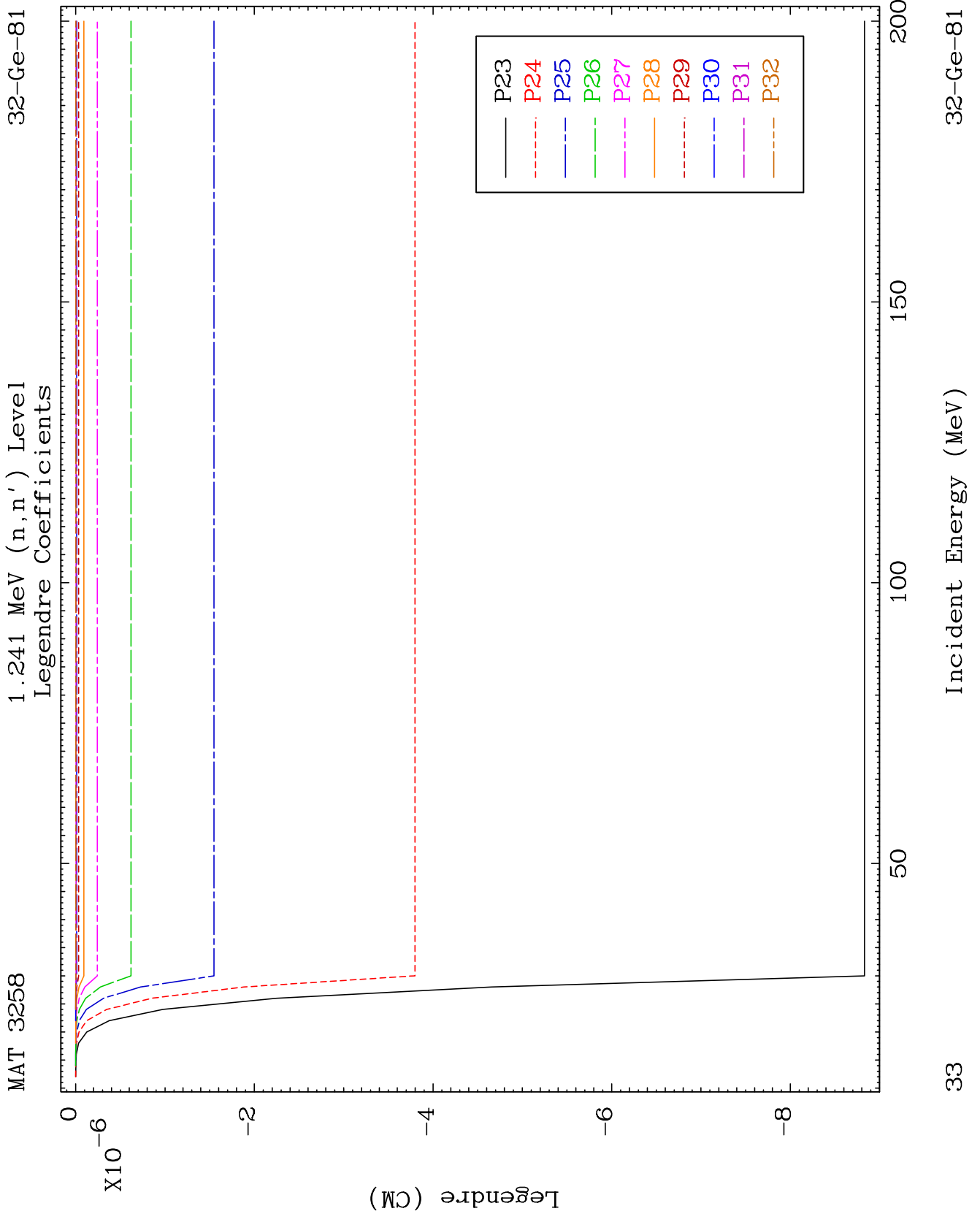
1.241 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



32

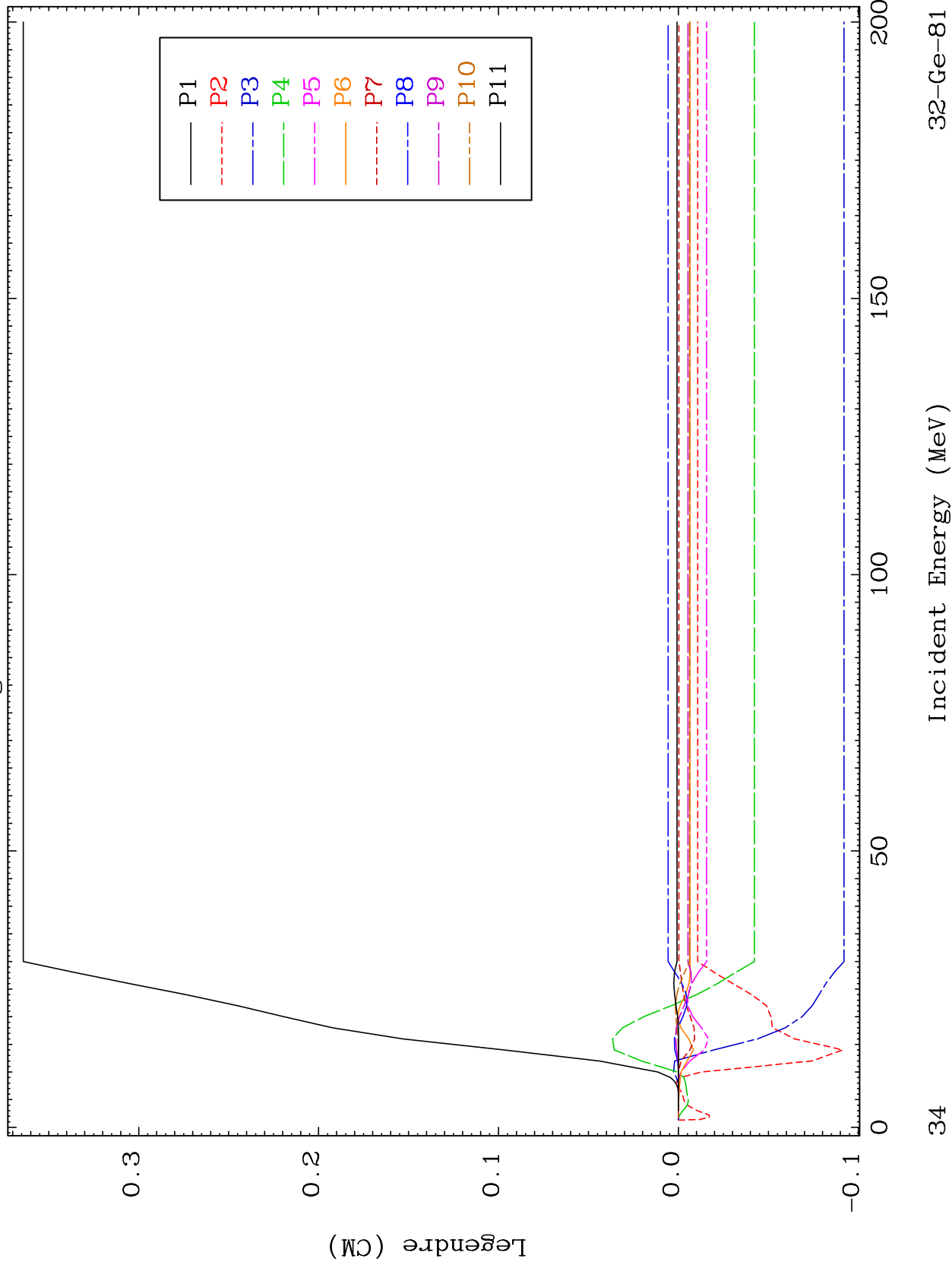
32-Ge-81



MAT 3258

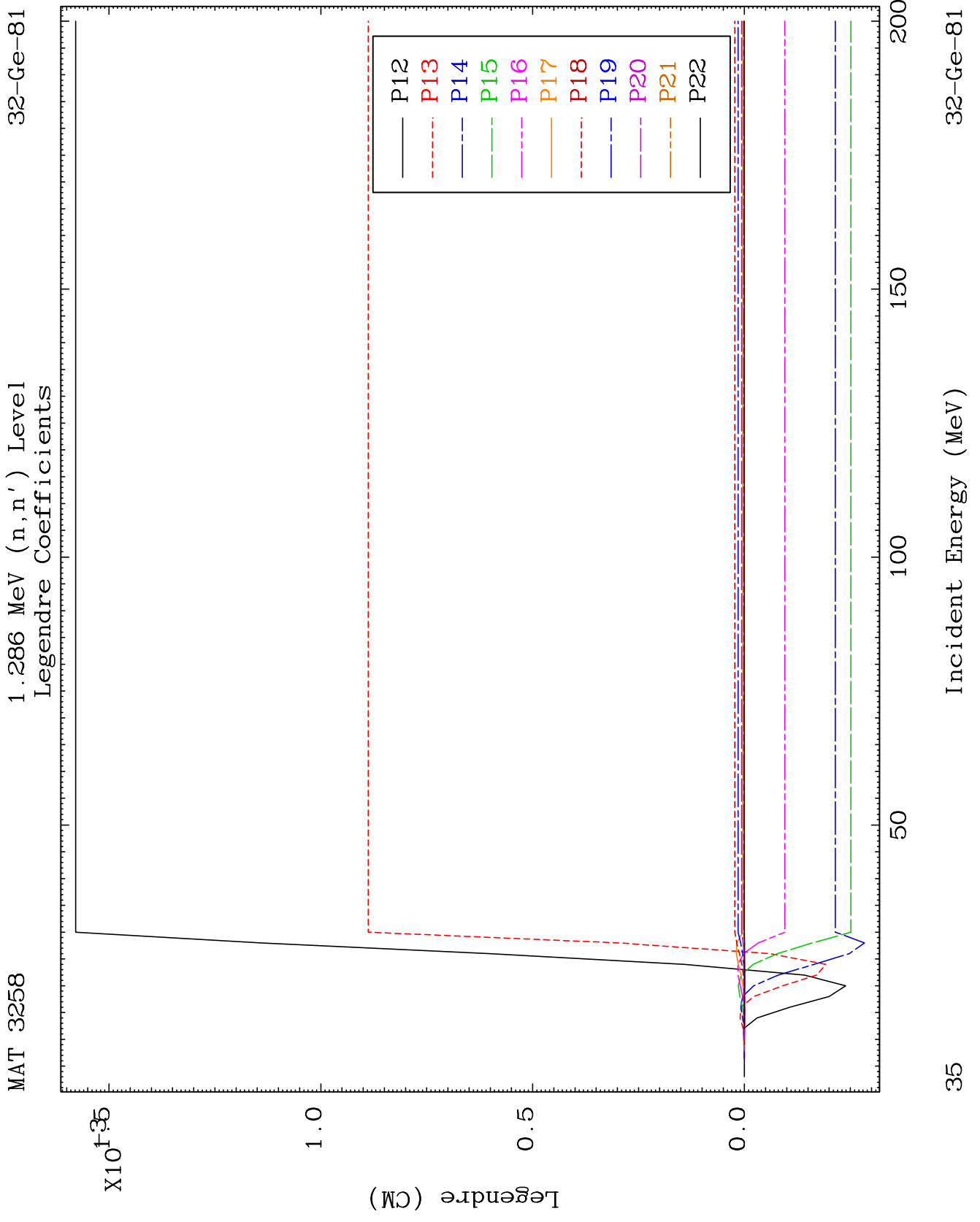
1.286 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



34

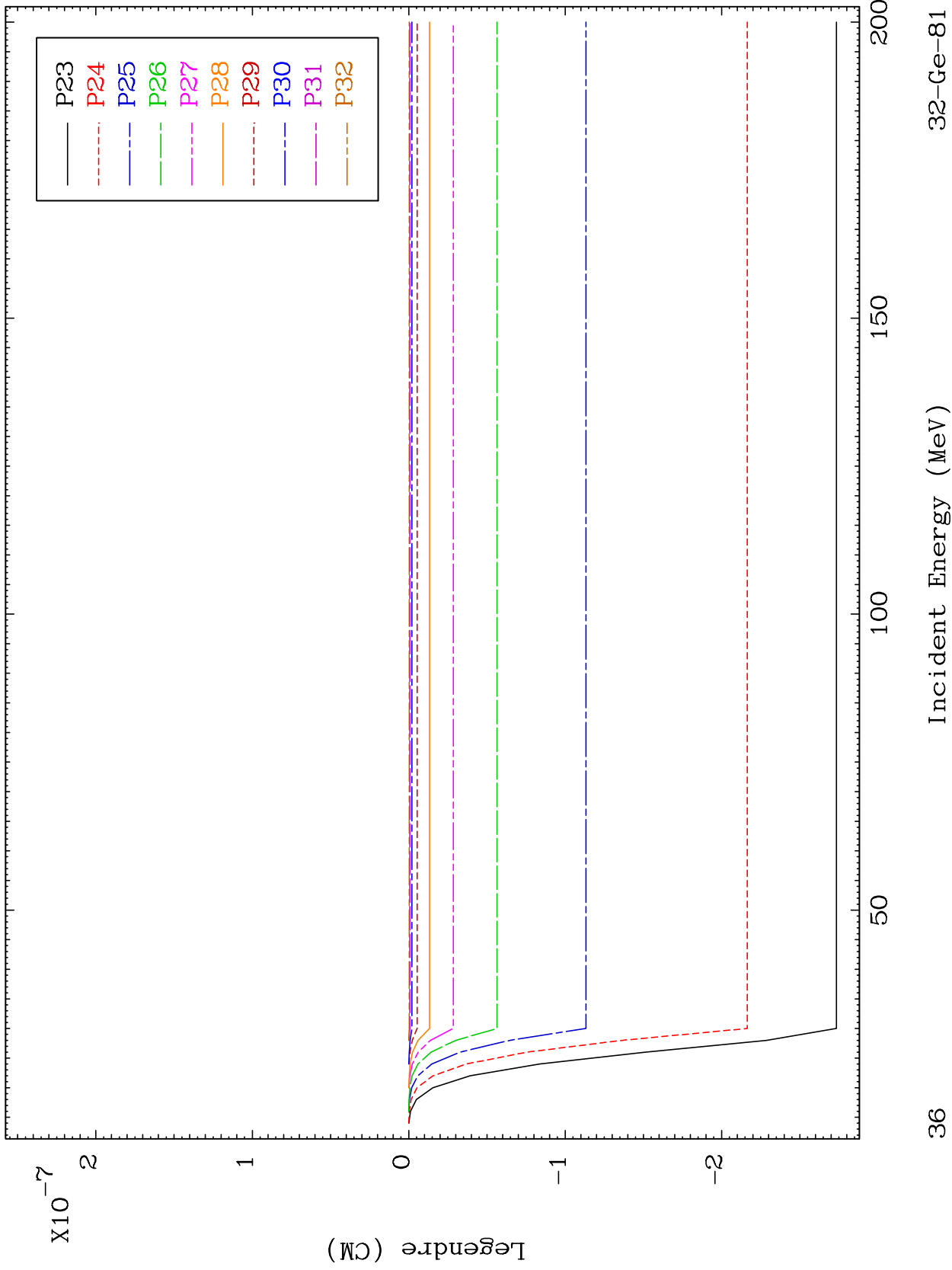
32-Ge-81



MAT 3258

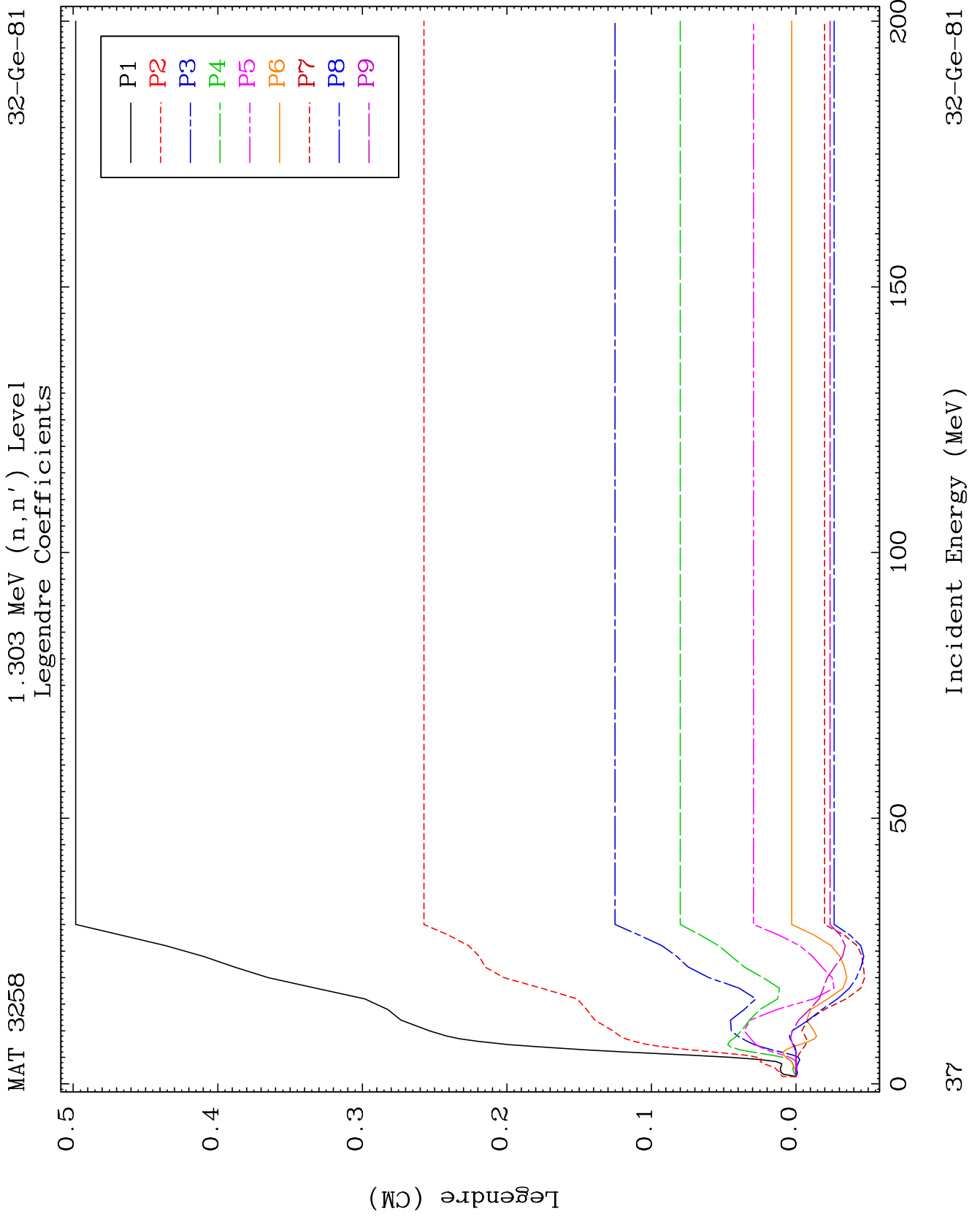
1.286 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



36

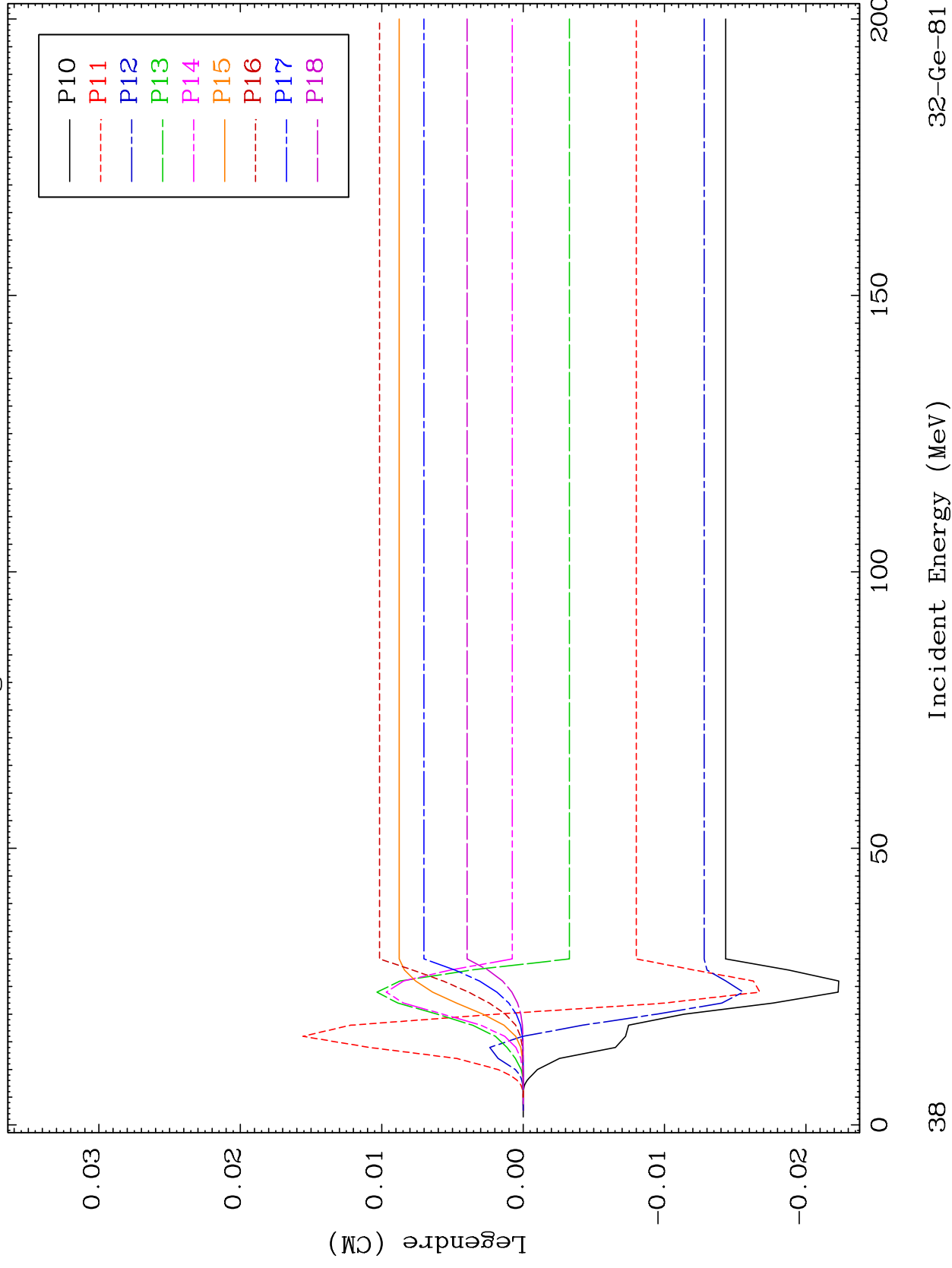
32-Ge-81



MAT 3258

1.303 MeV (n,n') Level
Legendre Coefficients

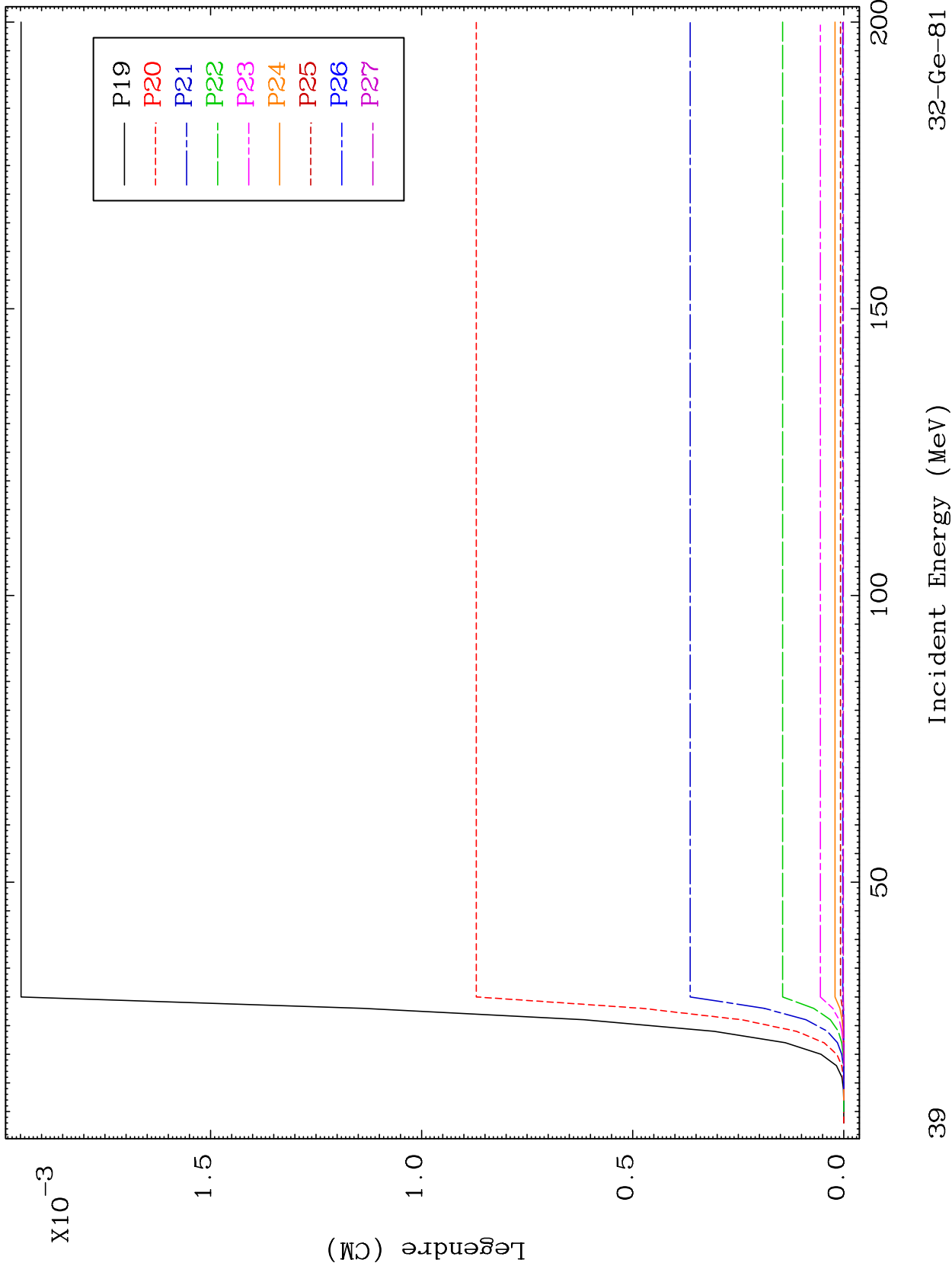
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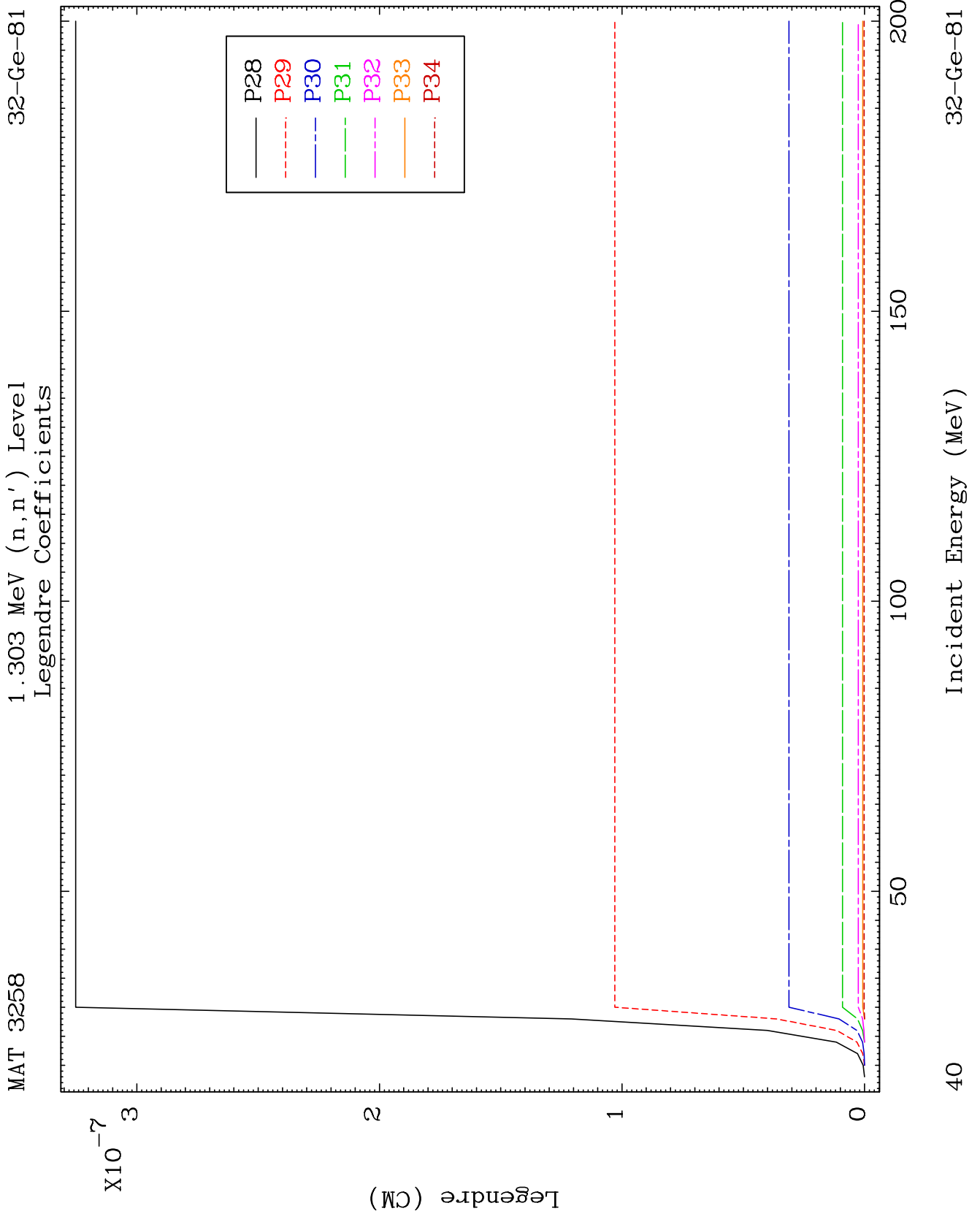


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Incident Energy (MeV)

32-Ge-81

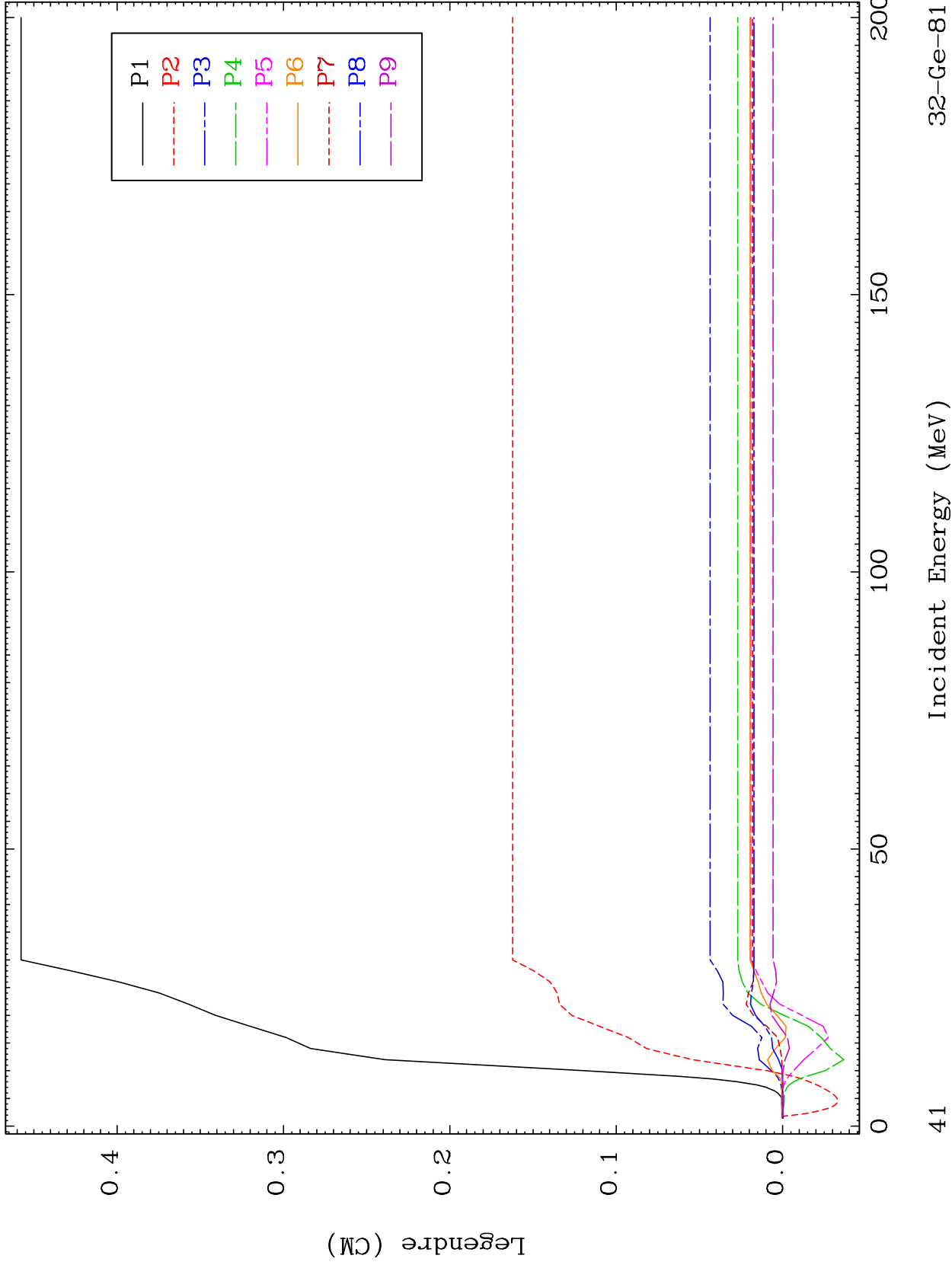




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1.410 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



41

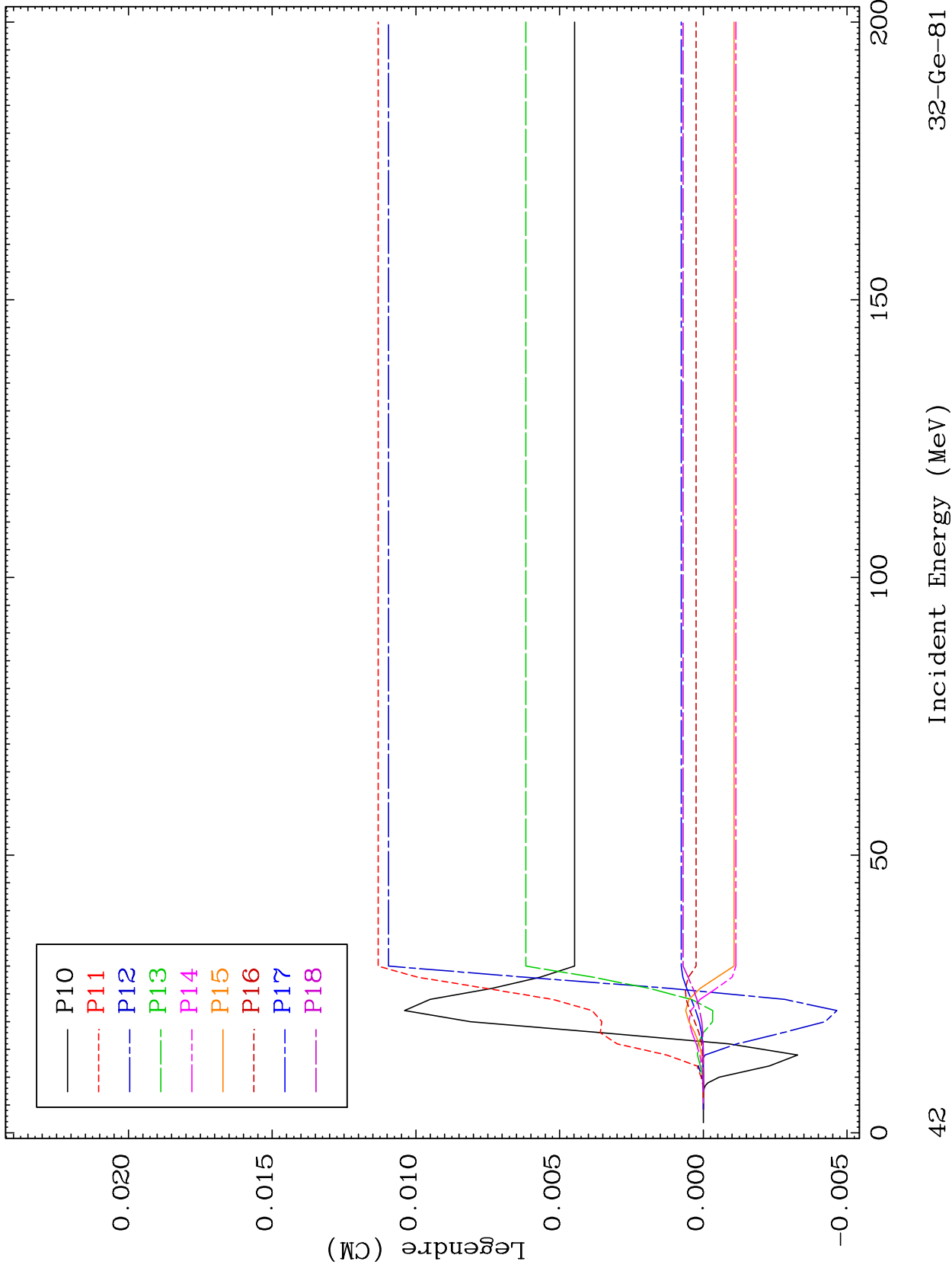
Incident Energy (MeV)

32-Ge-81

MAT 3258

1.410 MeV (n,n') Level
Legendre Coefficients

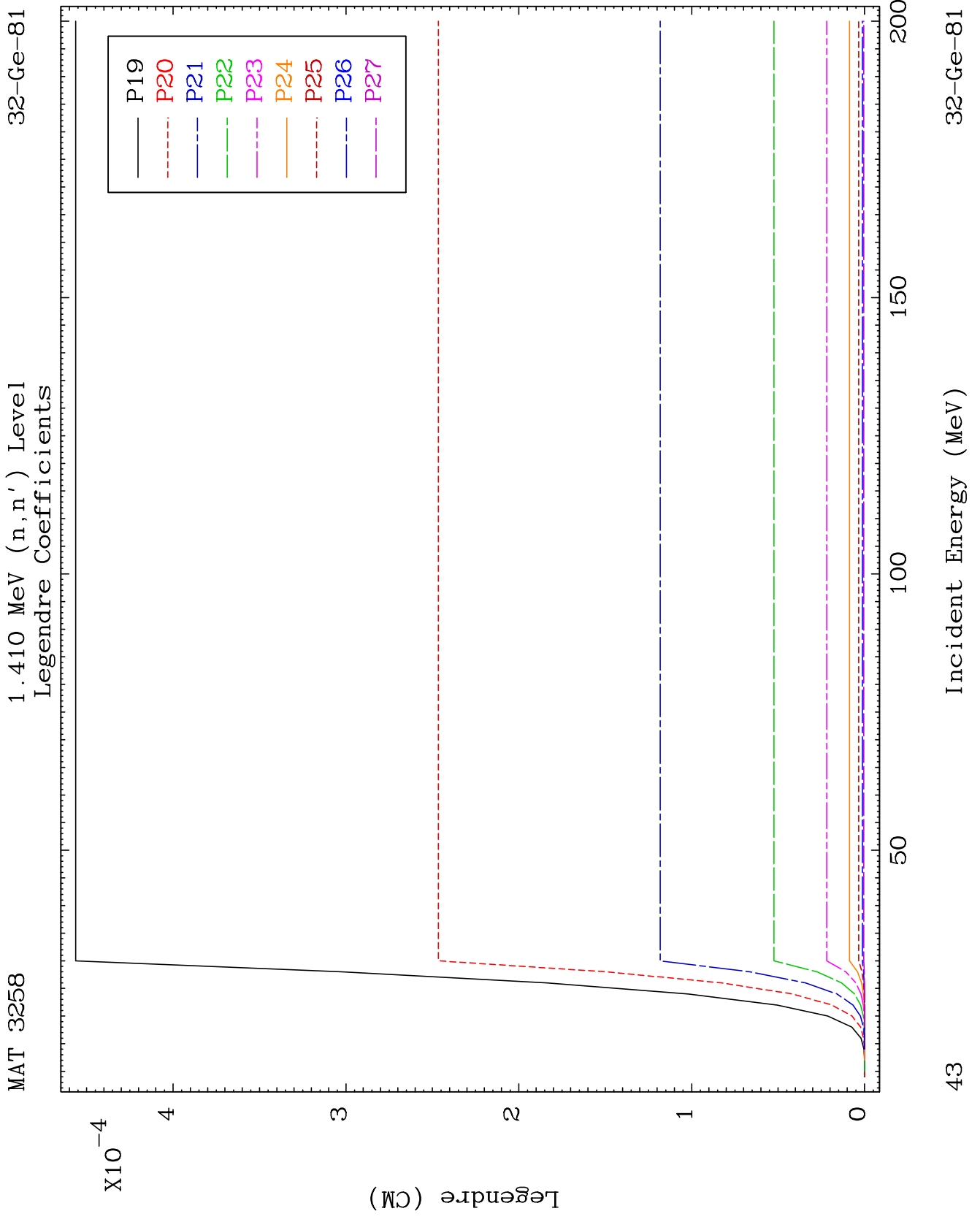
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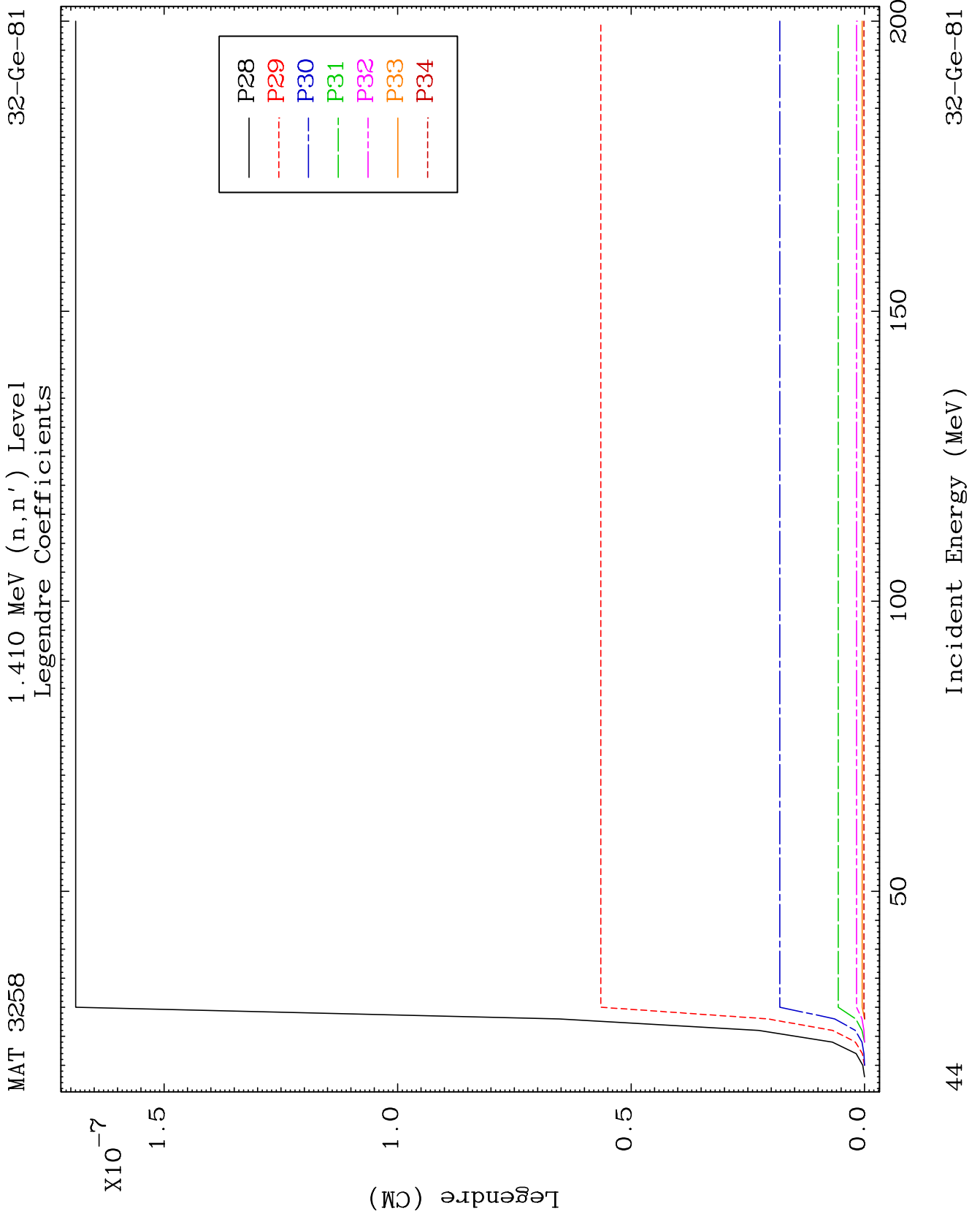


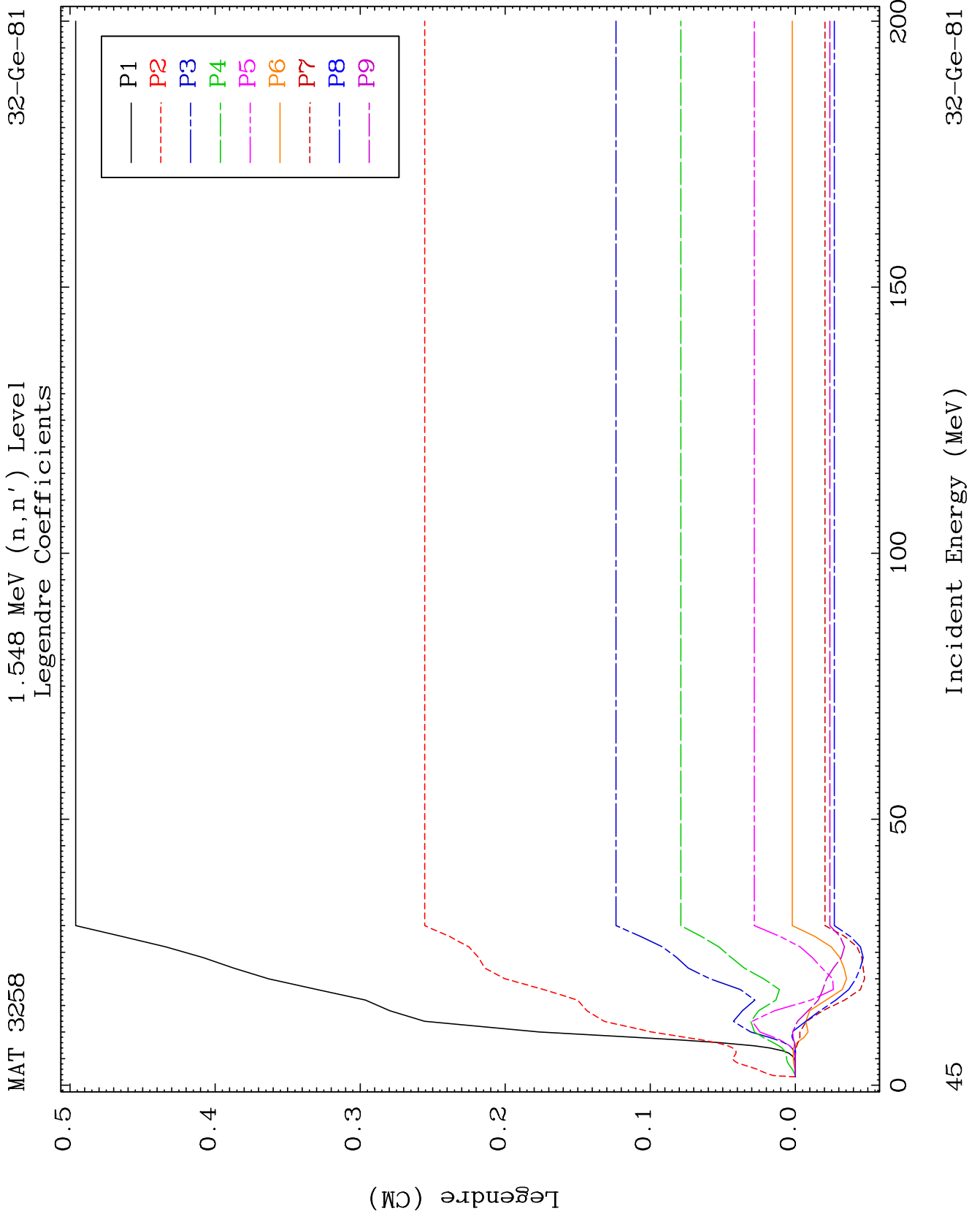
42

Incident Energy (MeV)

32-Ge-81



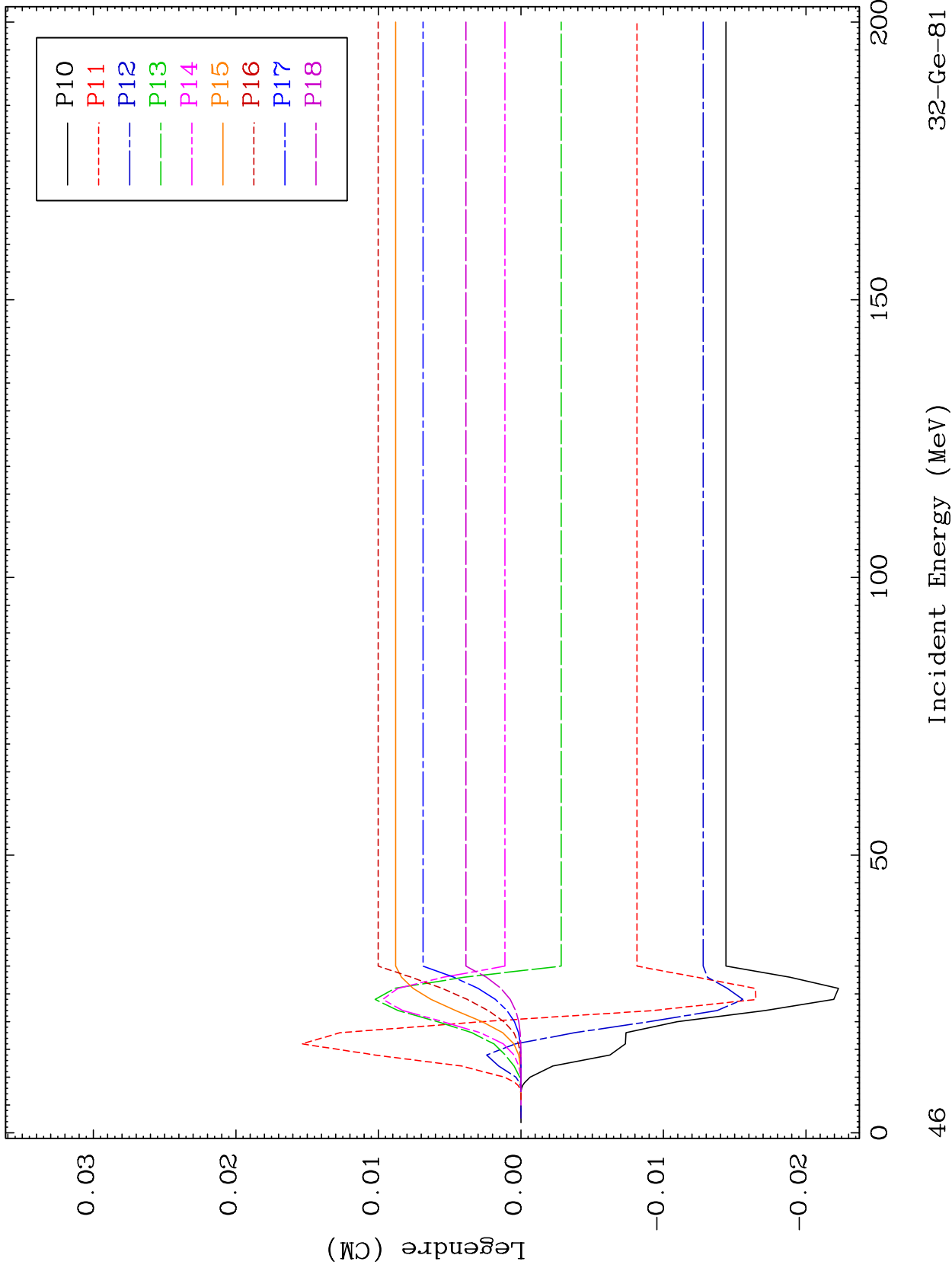




MAT 3258

1.548 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



46

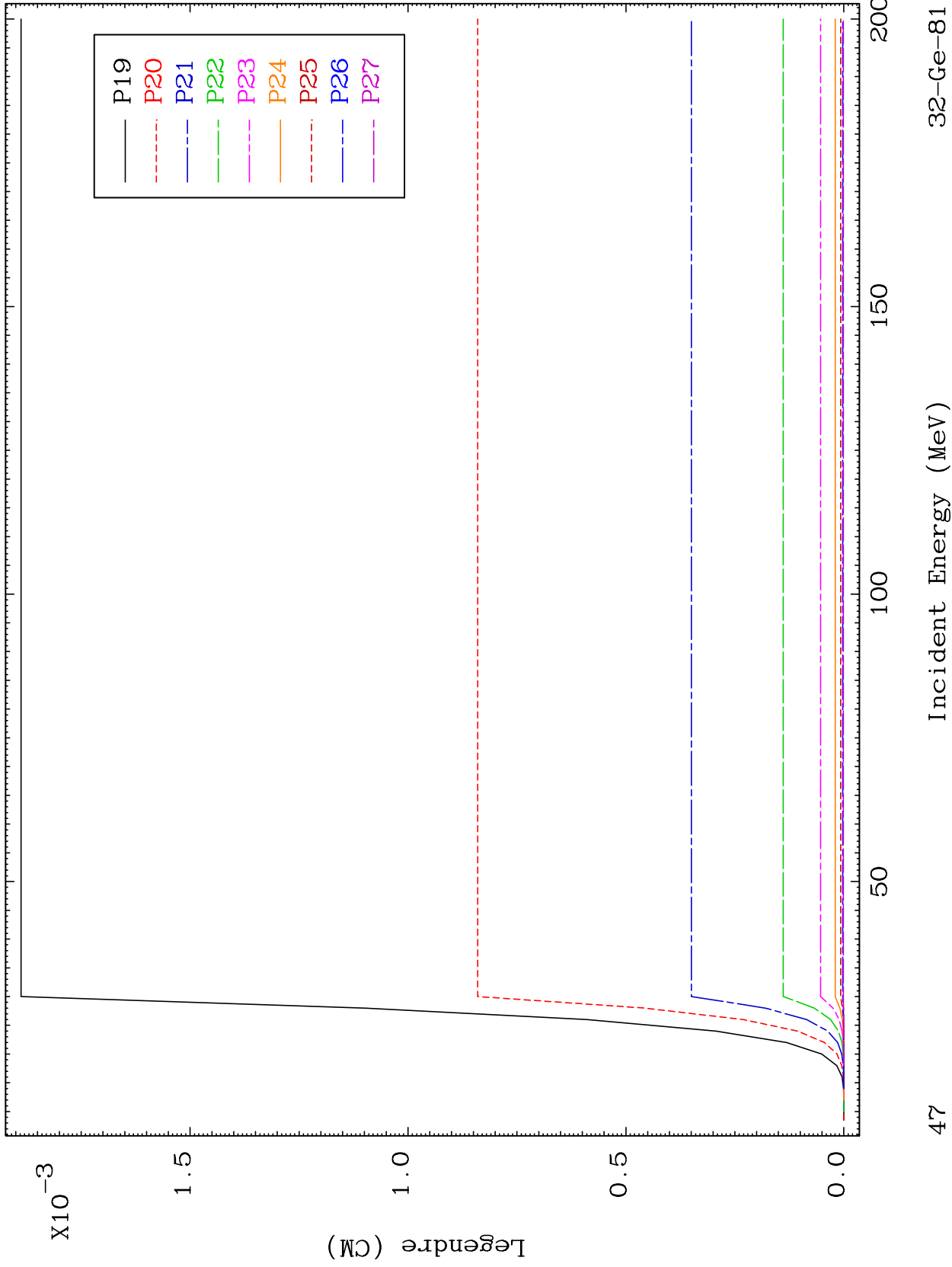
Incident Energy (MeV)

32-Ge-81

MAT 3258

1.548 MeV (n,n') Level
Legendre Coefficients

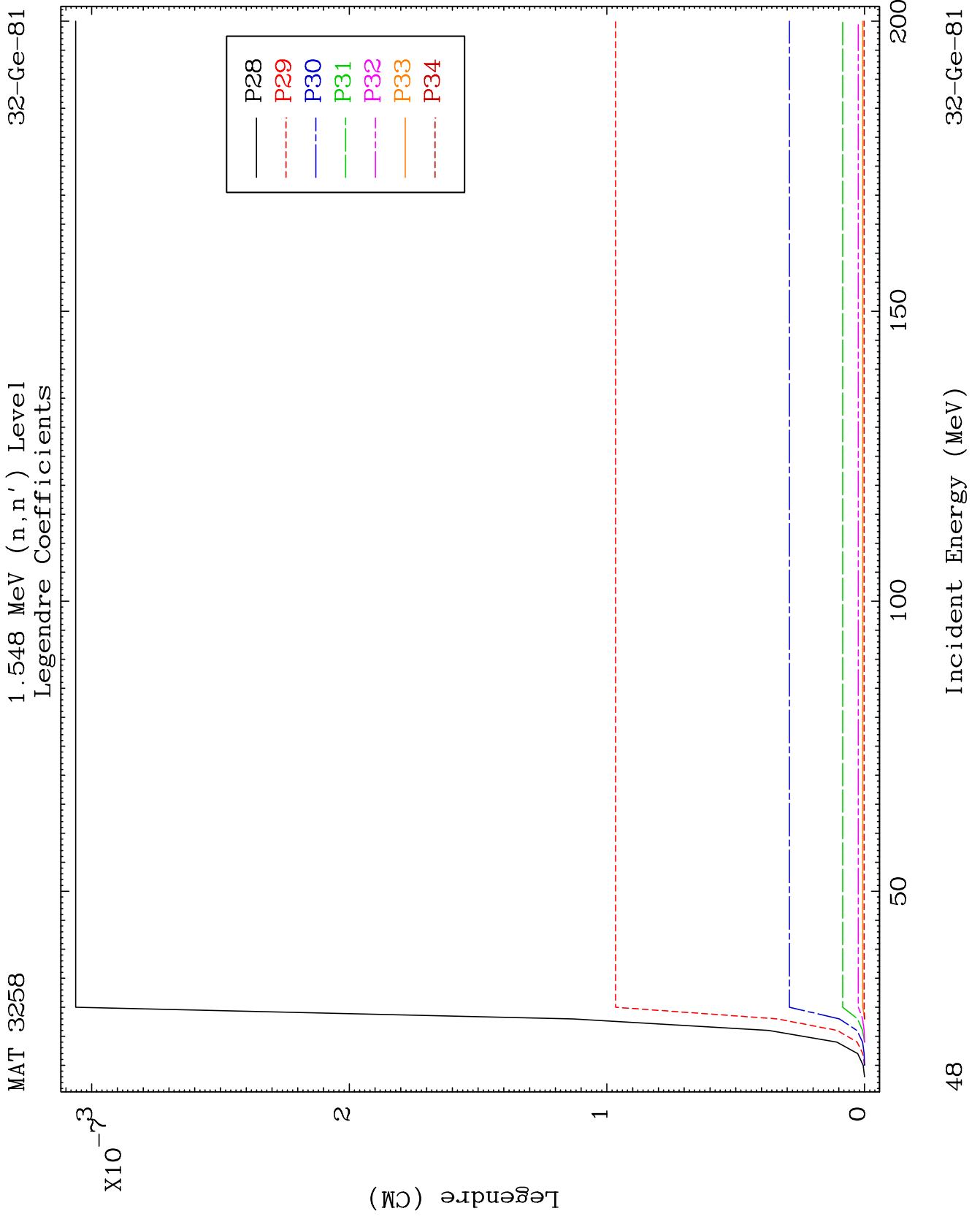
32-Ge-81



47

Incident Energy (MeV)

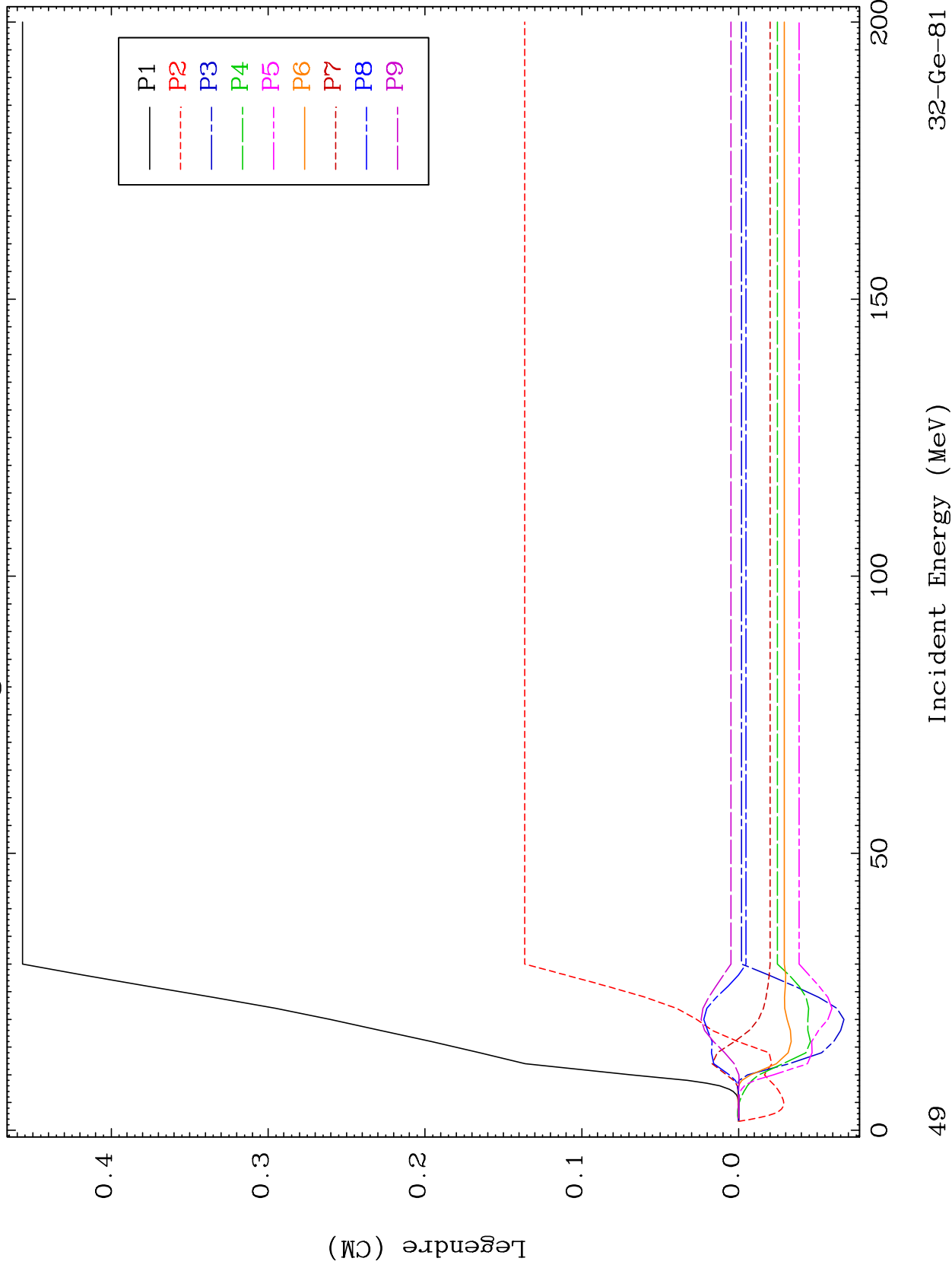
32-Ge-81



MAT 3258

1.577 MeV (n,n') Level
Legendre Coefficients

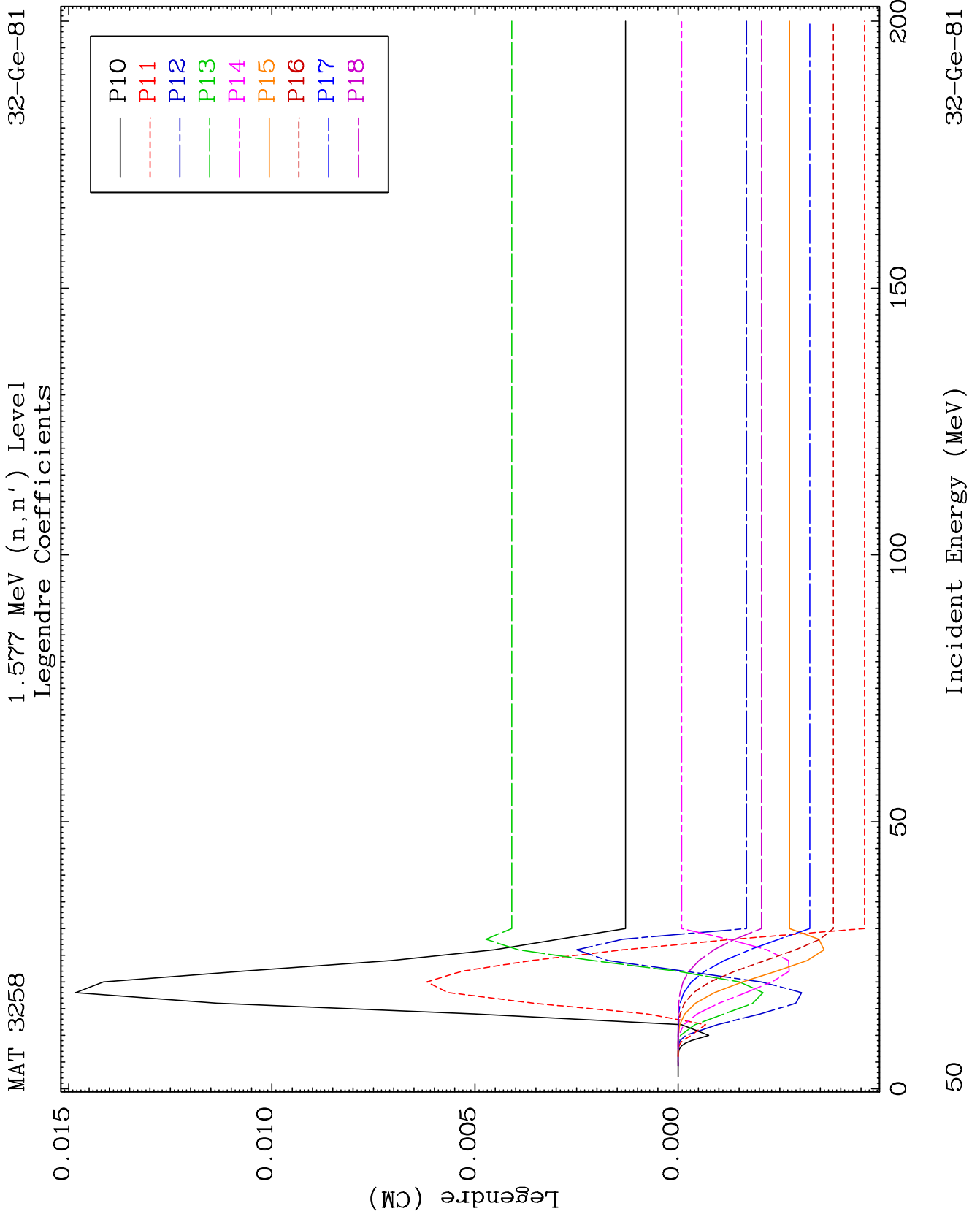
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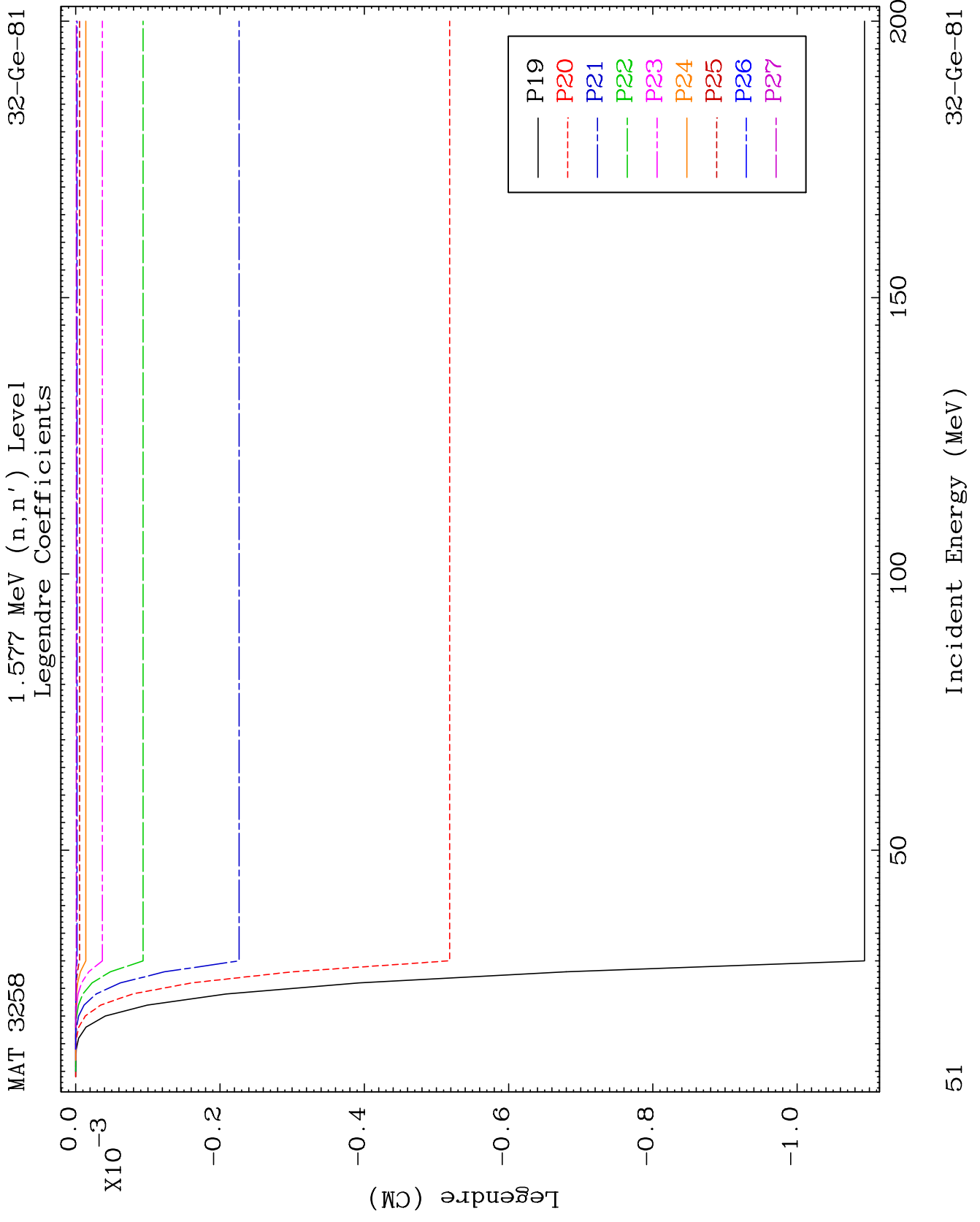


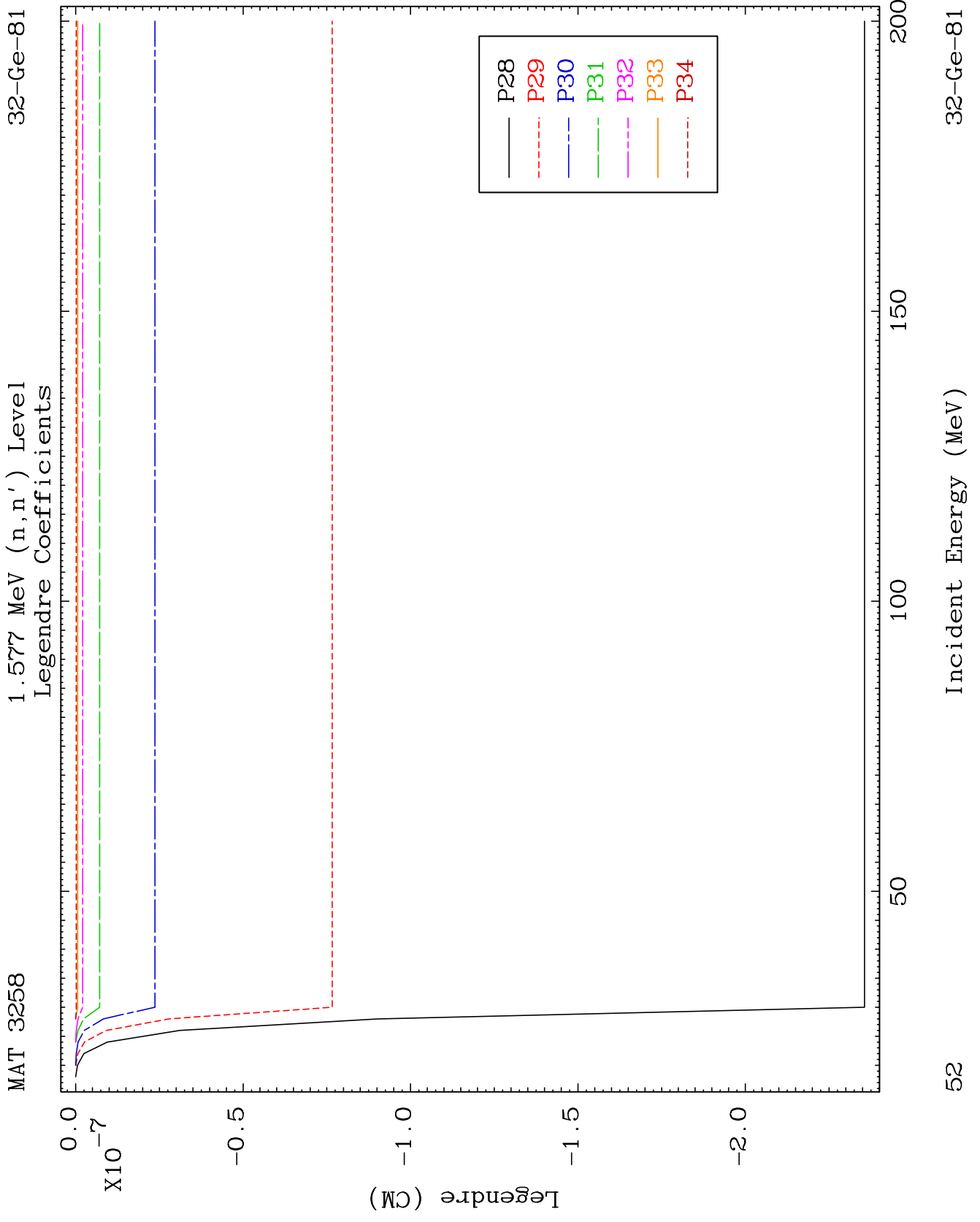
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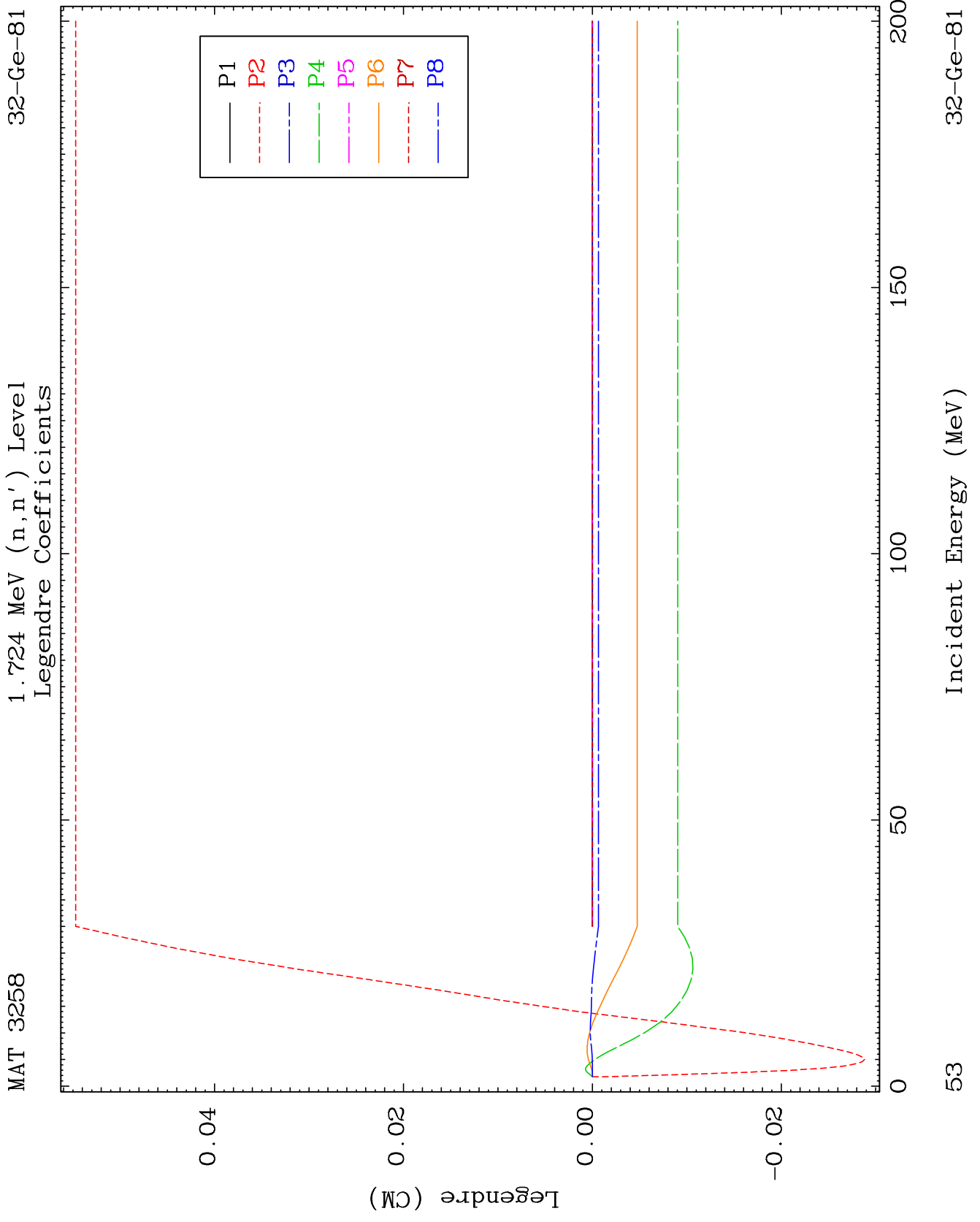
Incident Energy (MeV)

32-Ge-81





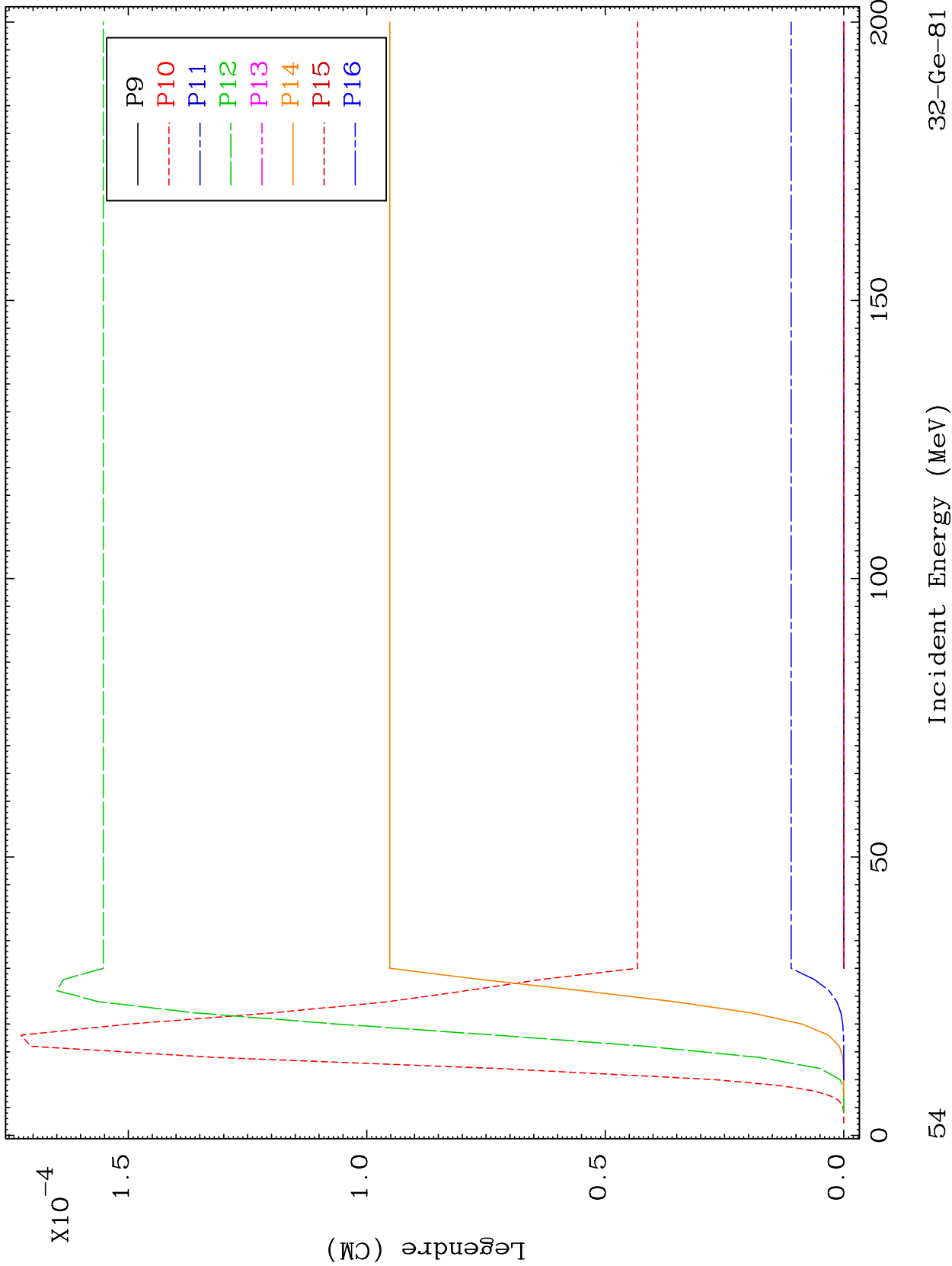




MAT 3258

1.724 MeV (n,n') Level
Legendre Coefficients

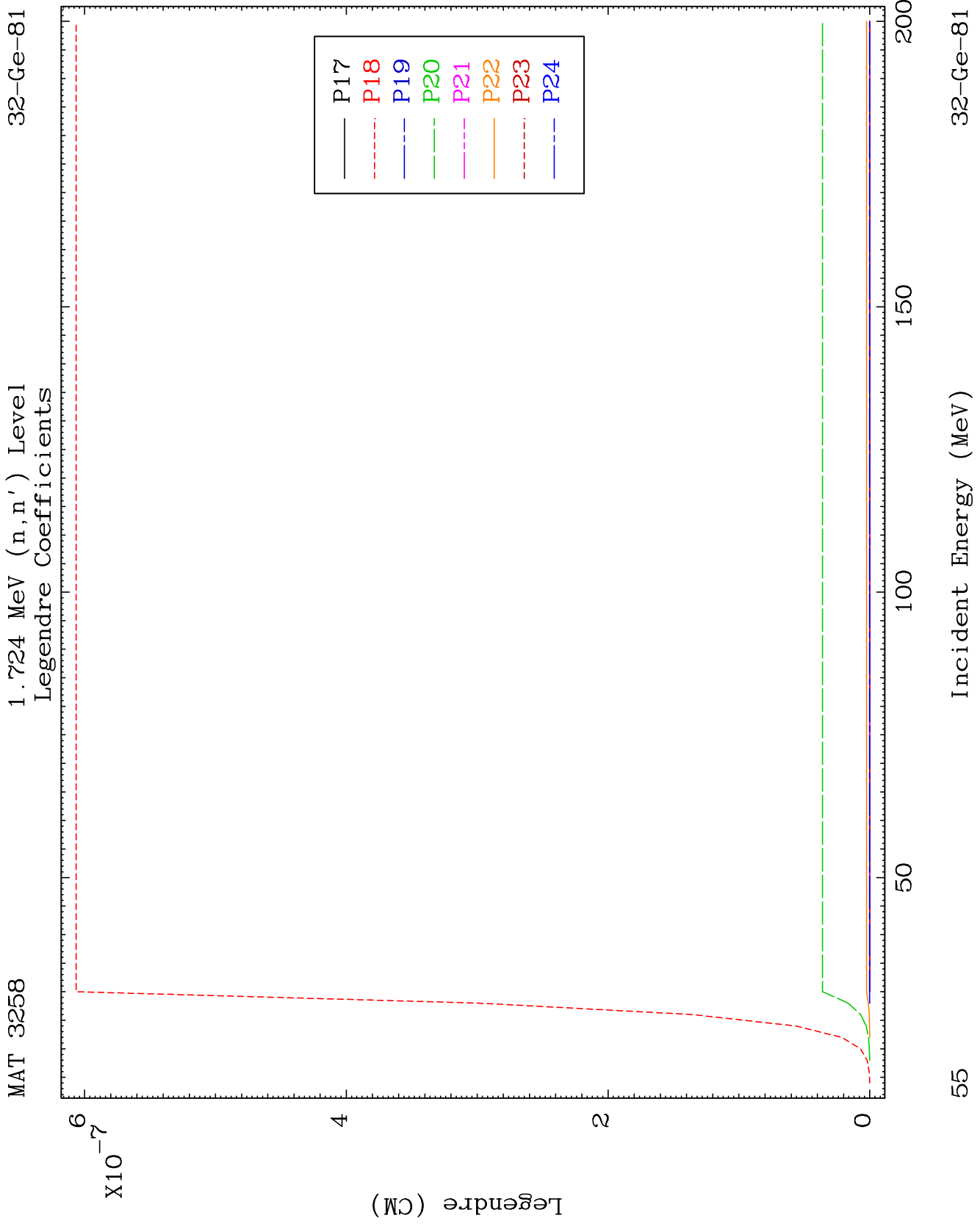
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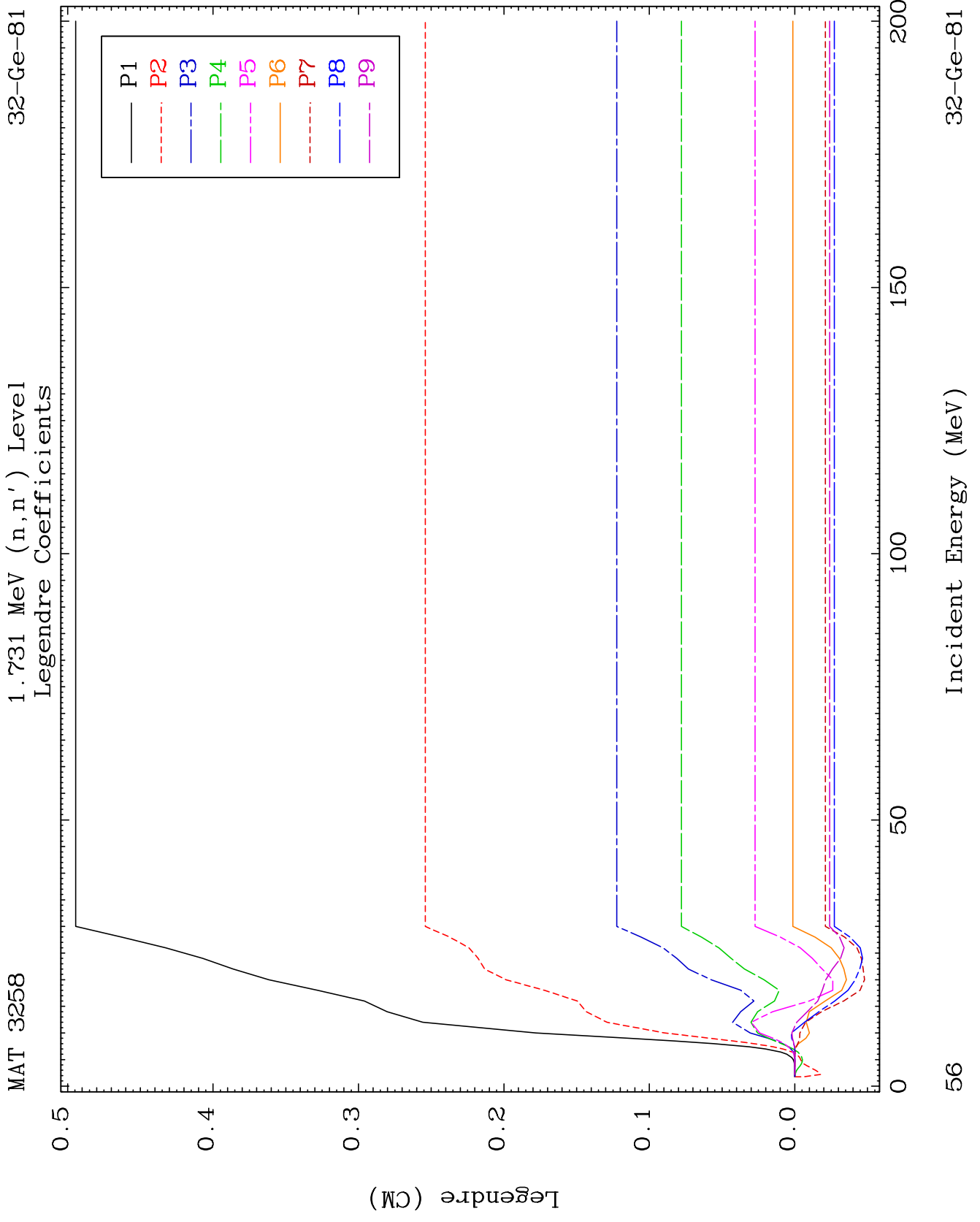


54

Incident Energy (MeV)

32-Ge-81

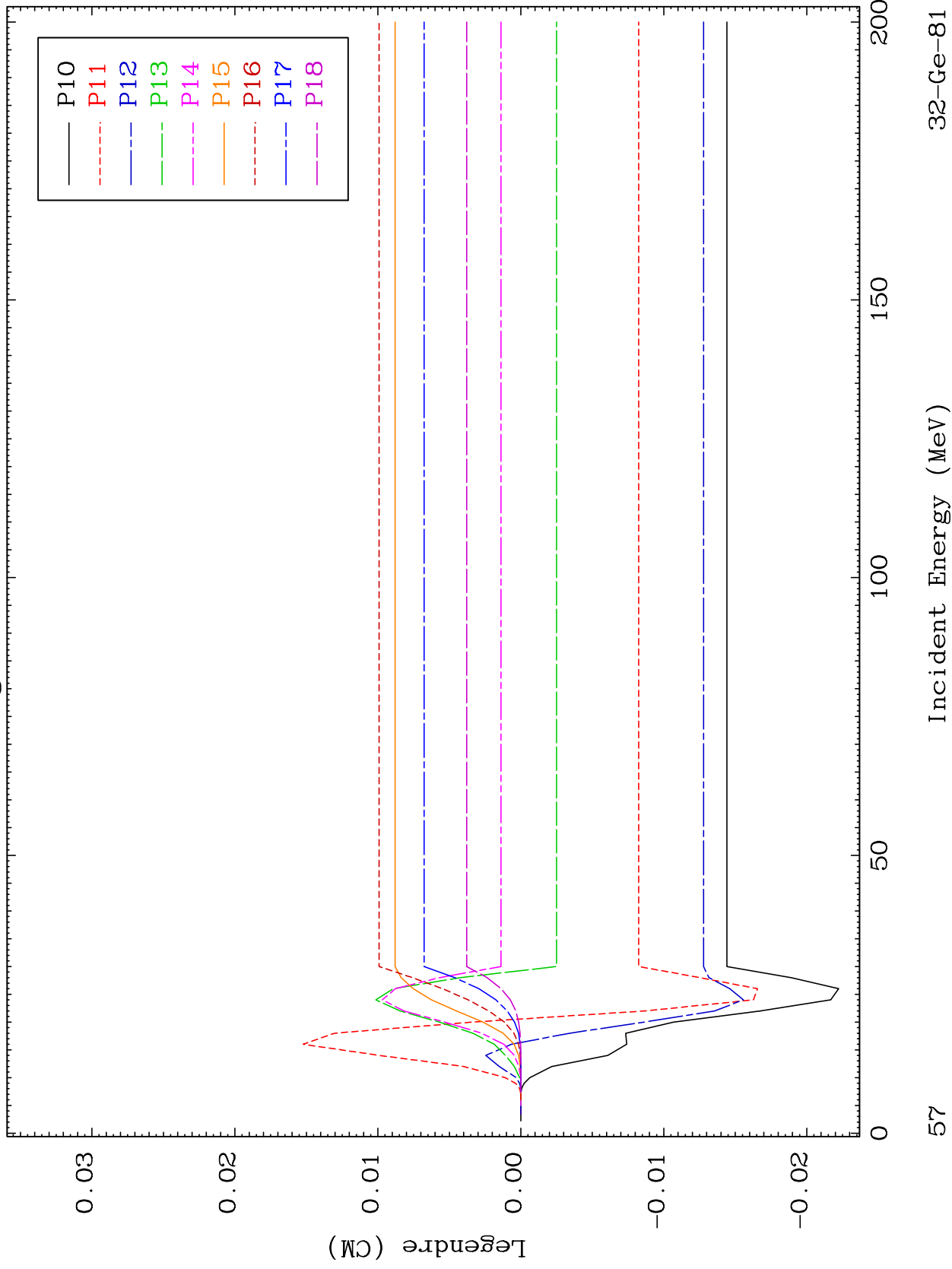




MAT 3258

1.731 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



57

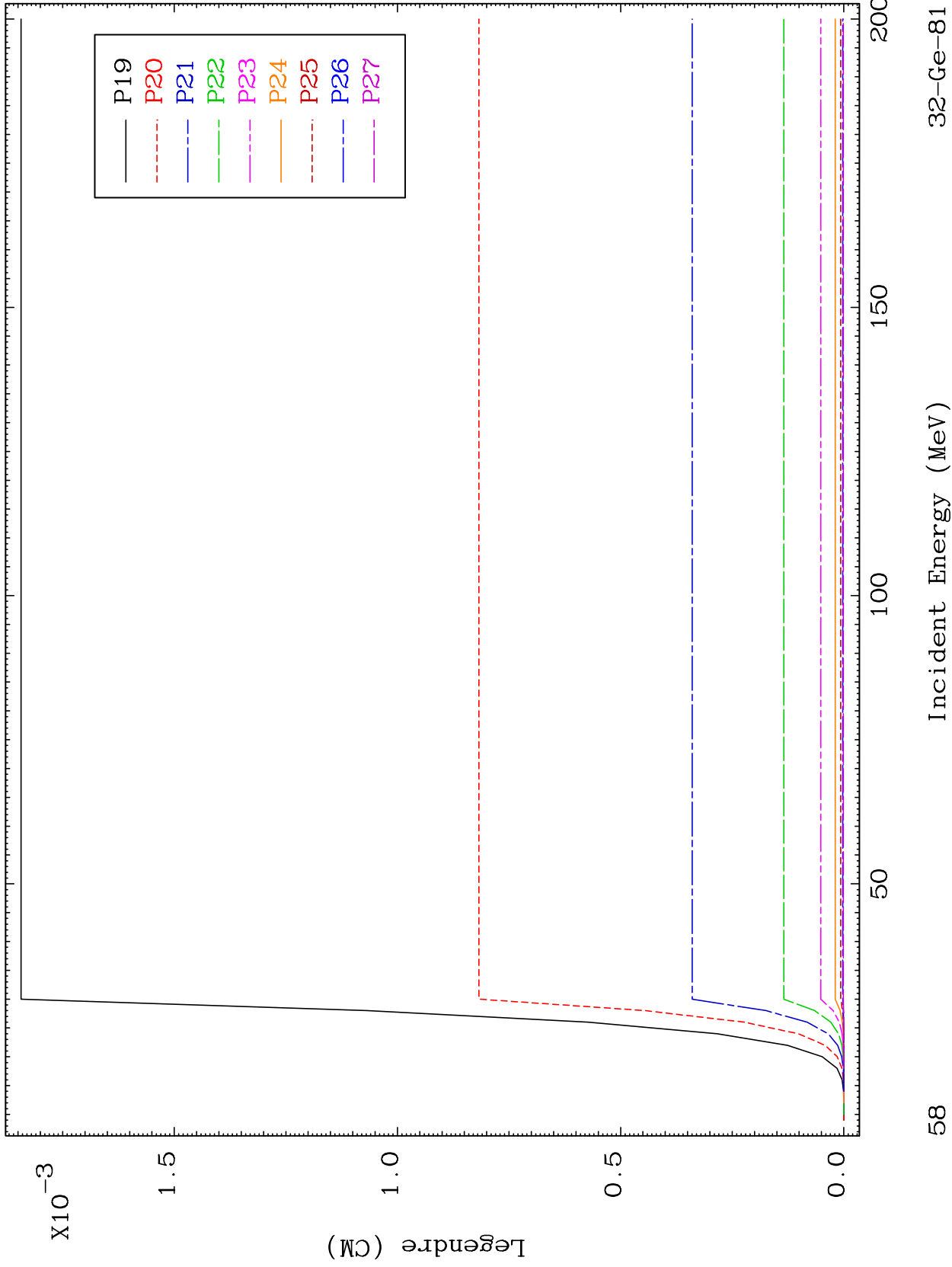
Incident Energy (MeV)

32-Ge-81

MAT 3258

1.731 MeV (n,n') Level
Legendre Coefficients

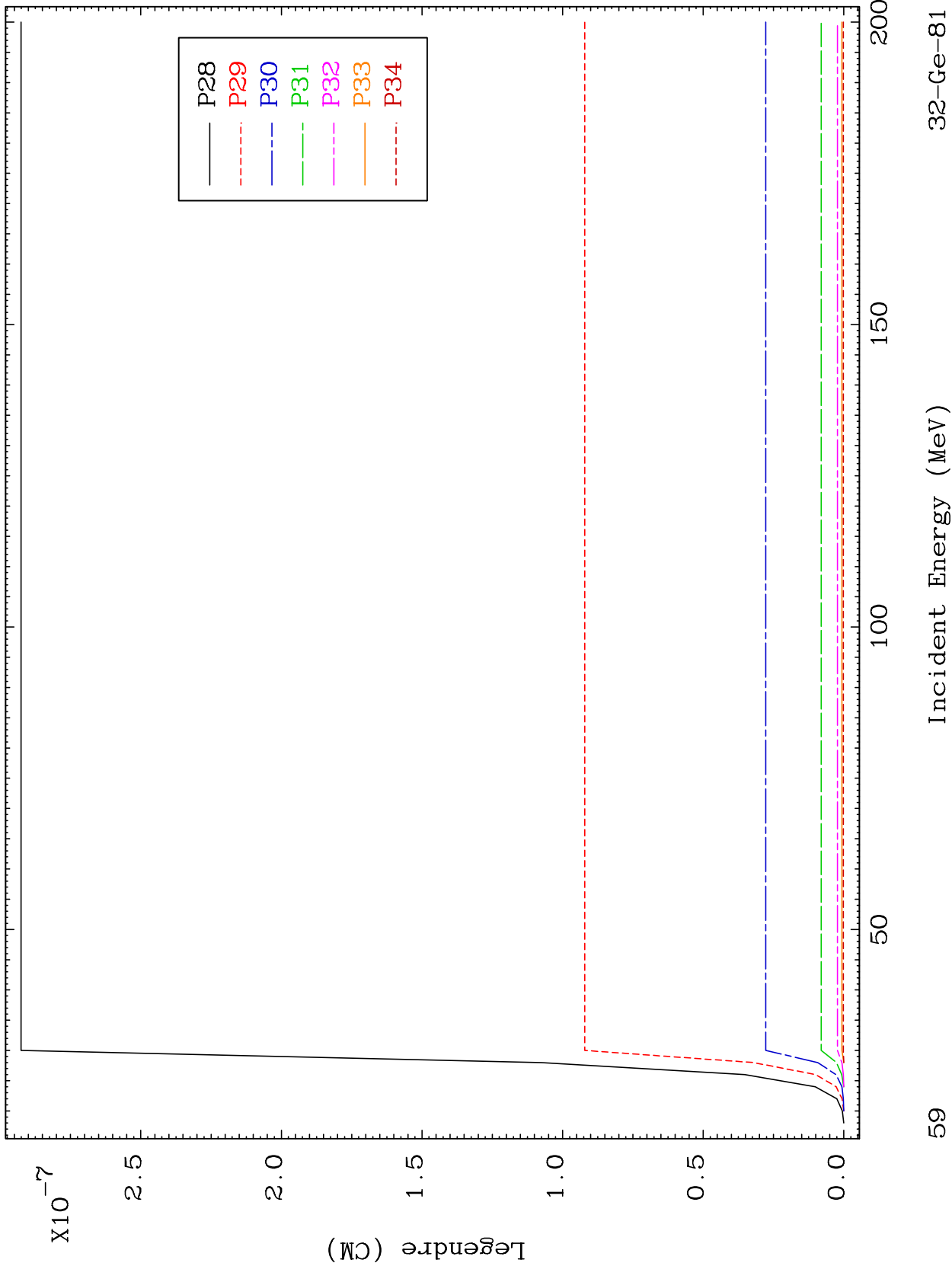
32-Ge-81



58

Incident Energy (MeV)

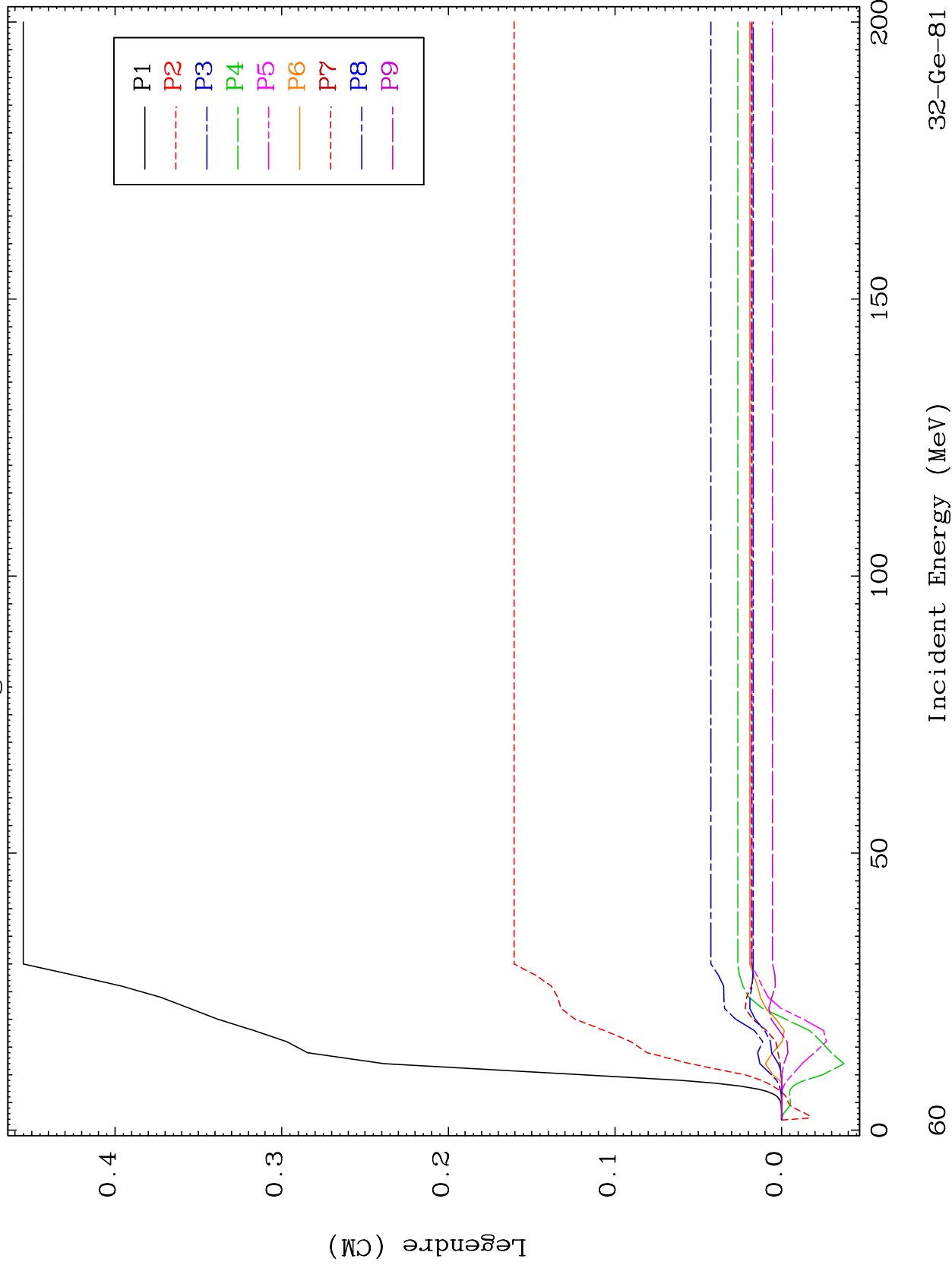
32-Ge-81



MAT 3258

1.806 MeV (n,n') Level
Legendre Coefficients

32-Ge-81

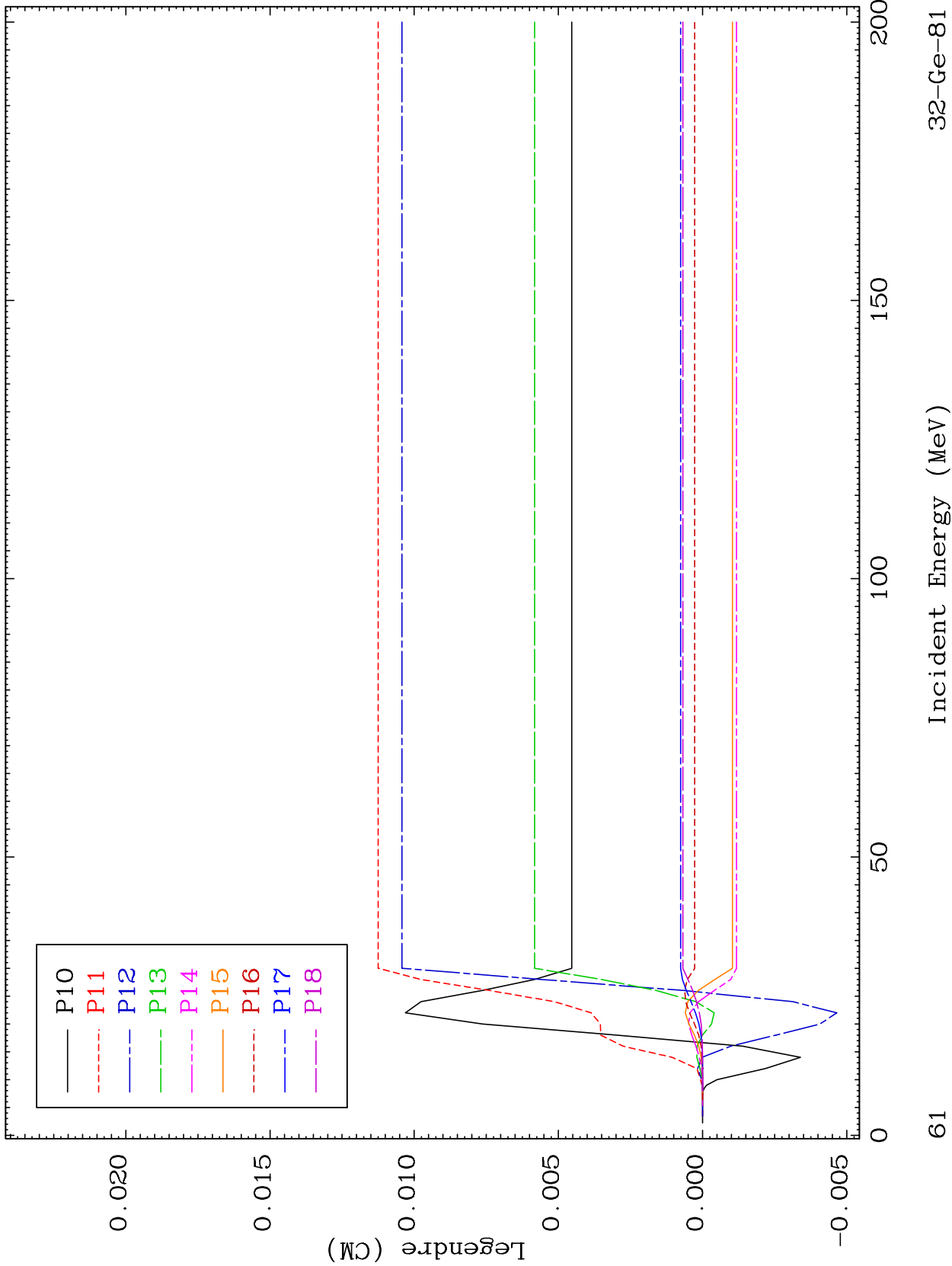


32-Ge-81

MAT 3258

1.806 MeV (n,n') Level
Legendre Coefficients

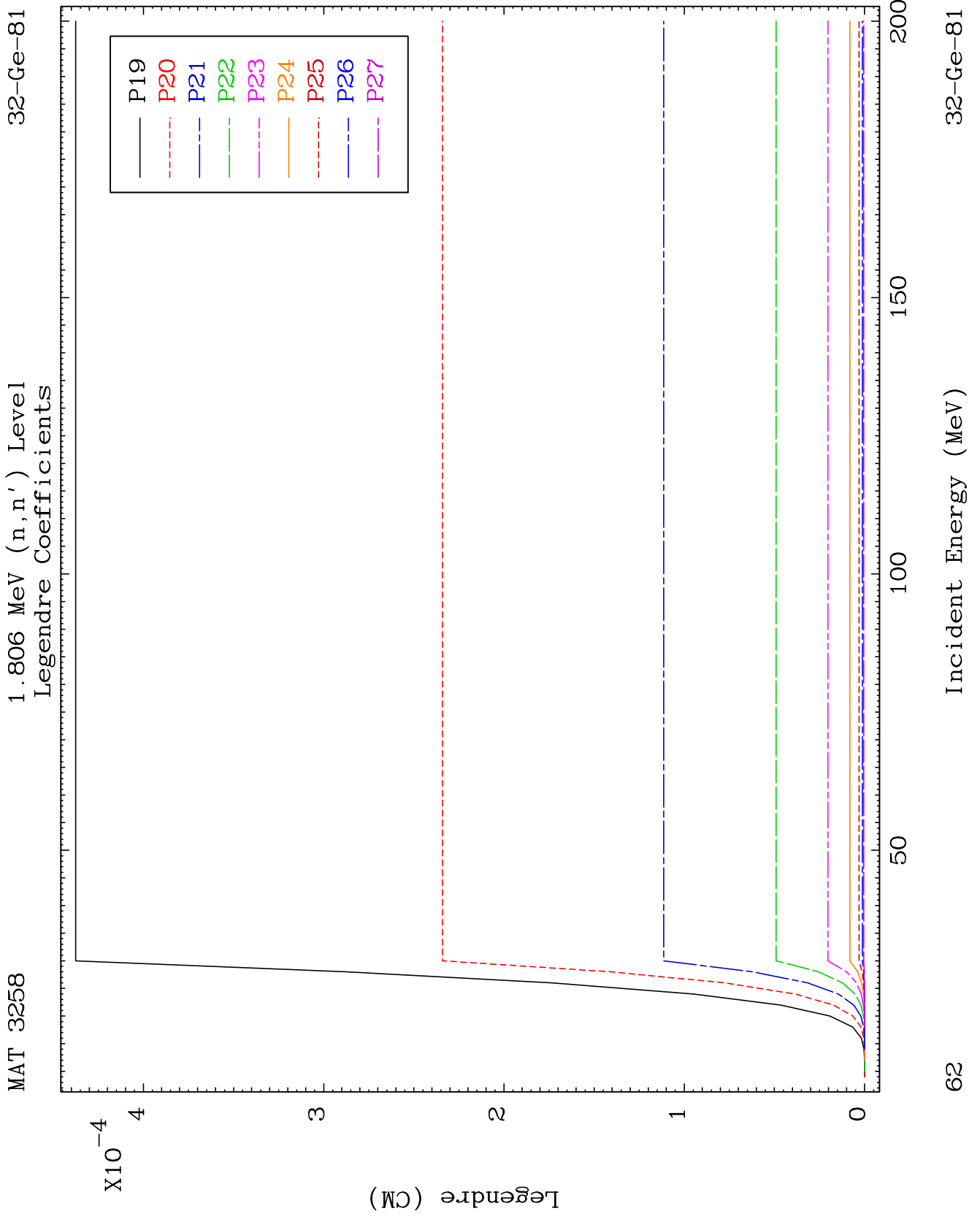
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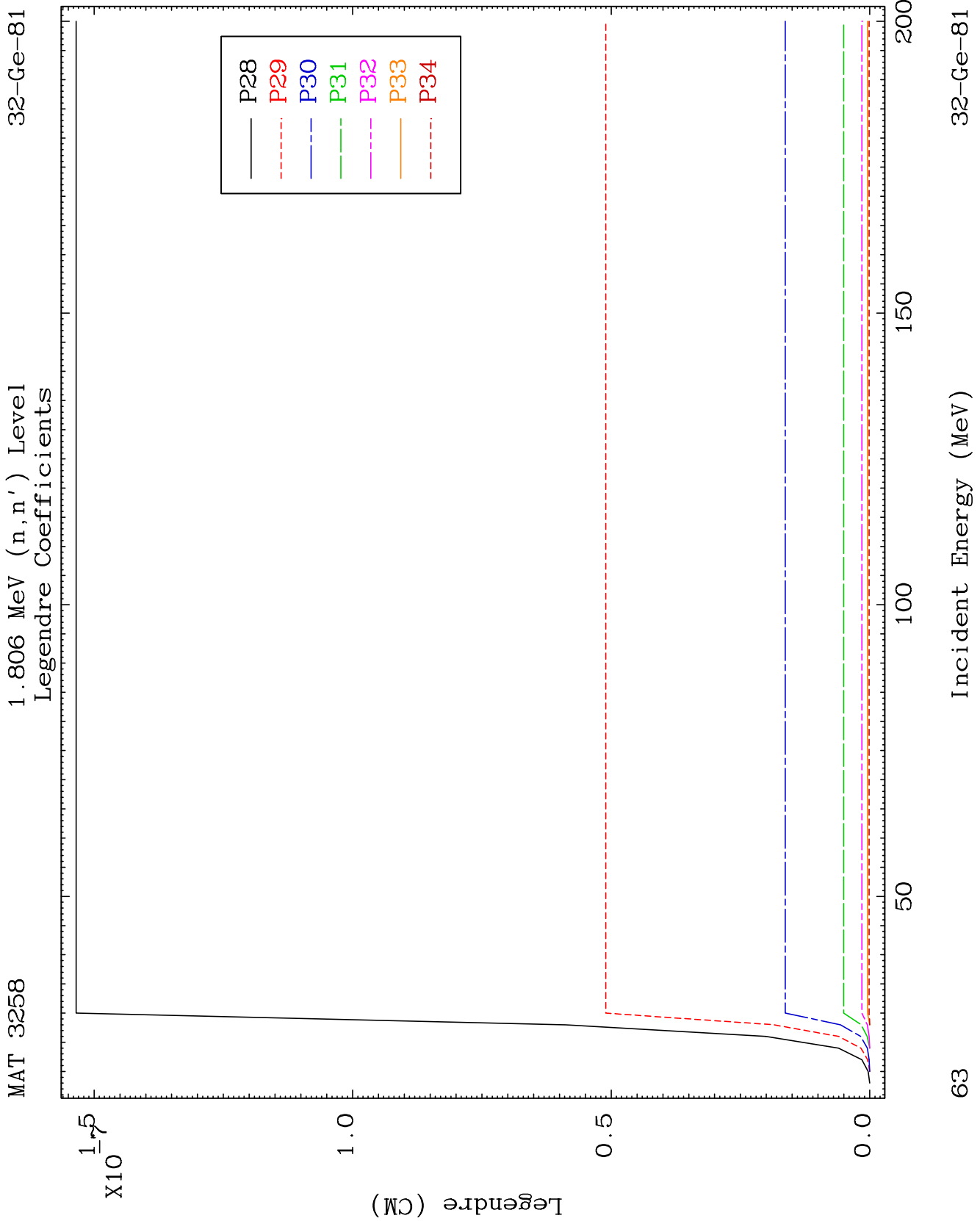


61

Incident Energy (MeV)

32-Ge-81

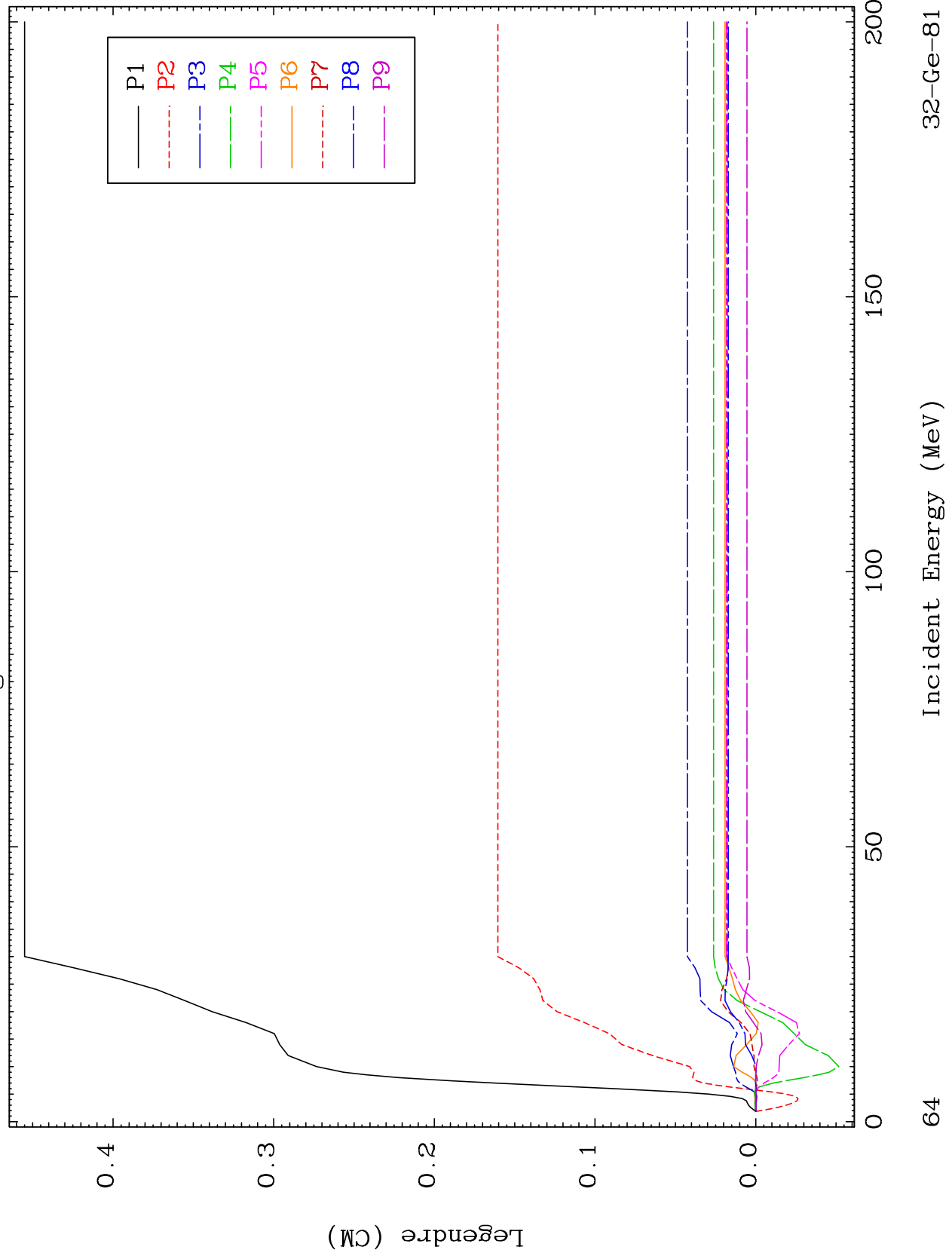




MAT 3258

1.816 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



32-Ge-81

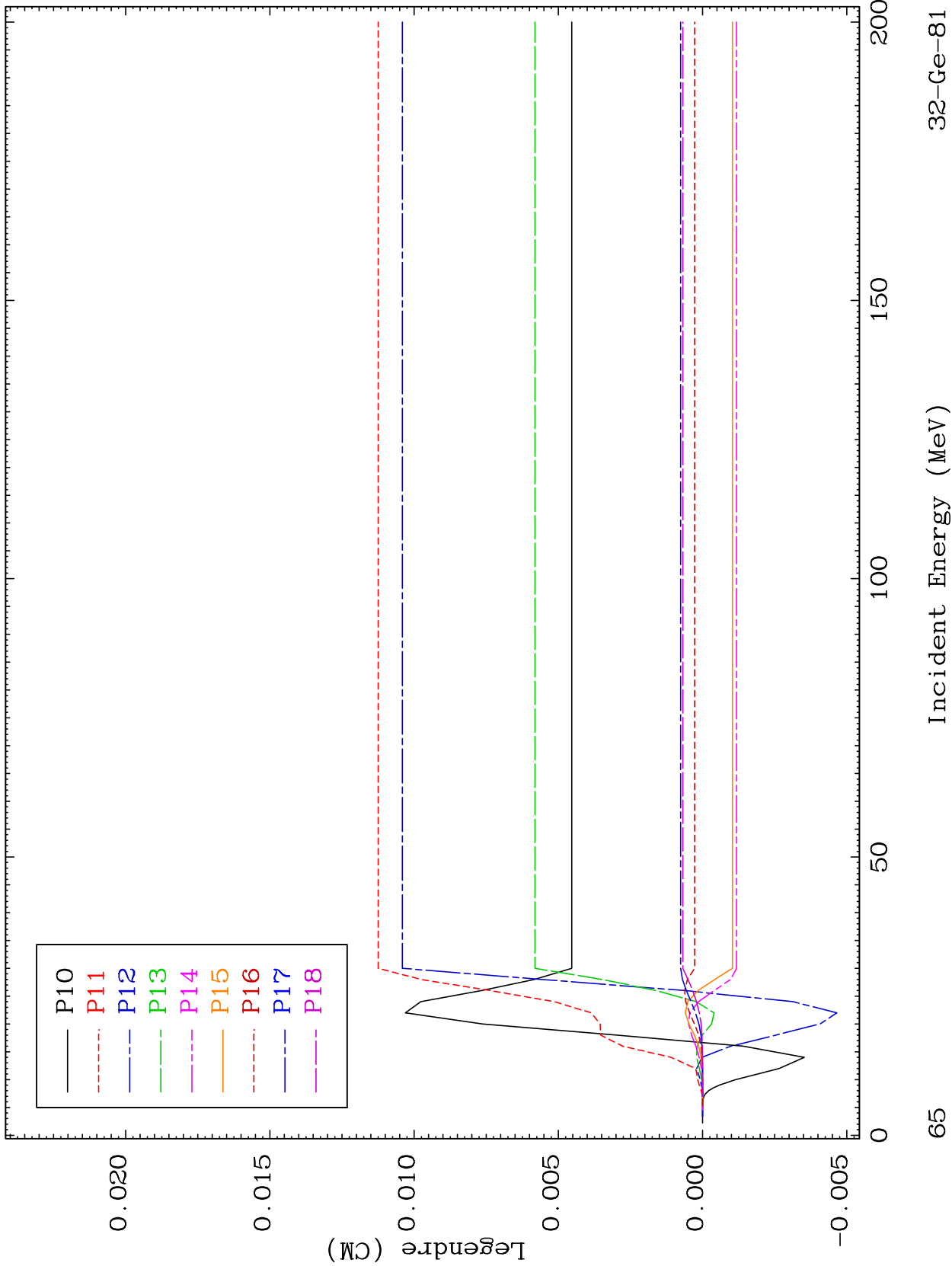
Incident Energy (MeV)

64

MAT 3258

1.816 MeV (n,n') Level
Legendre Coefficients

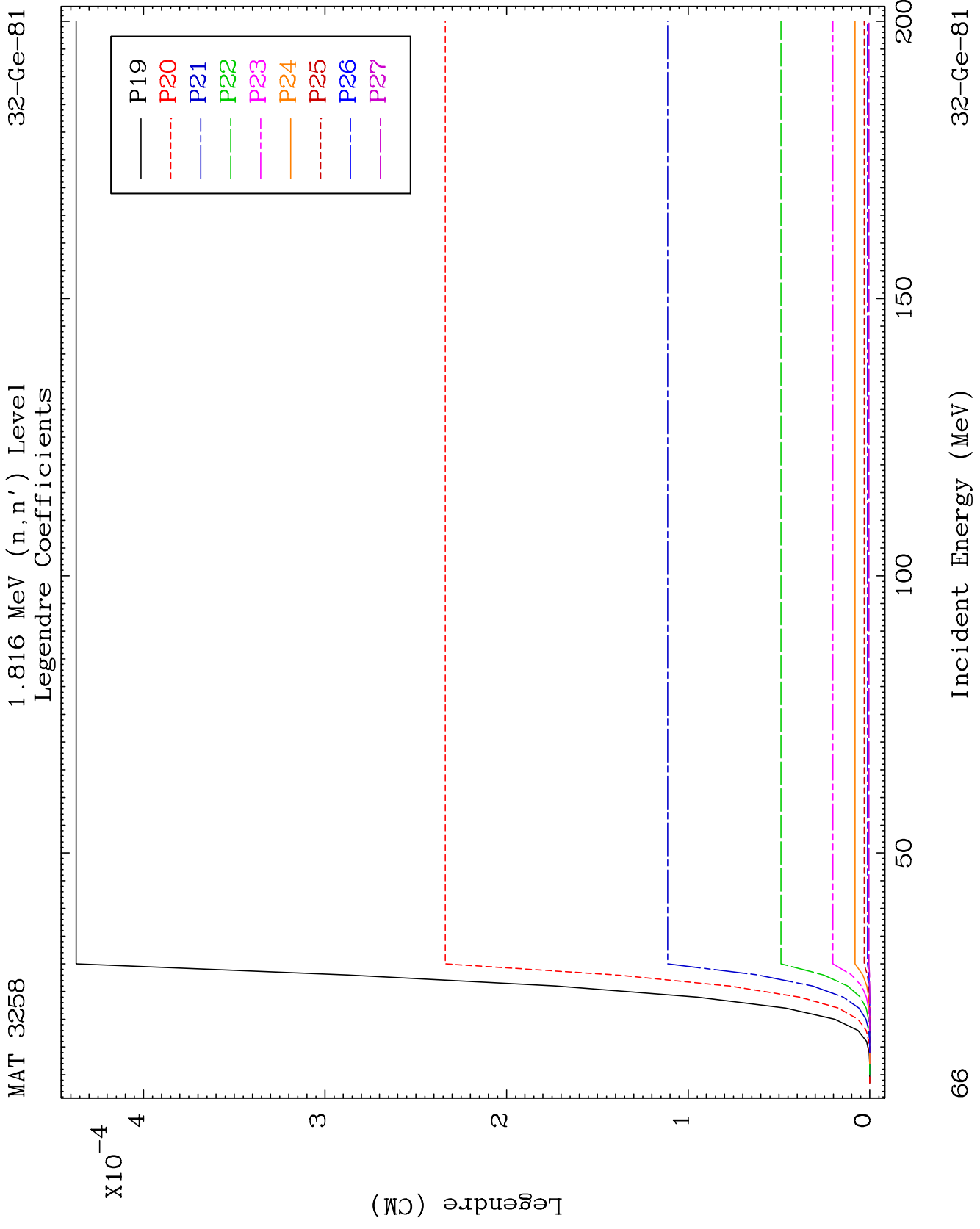
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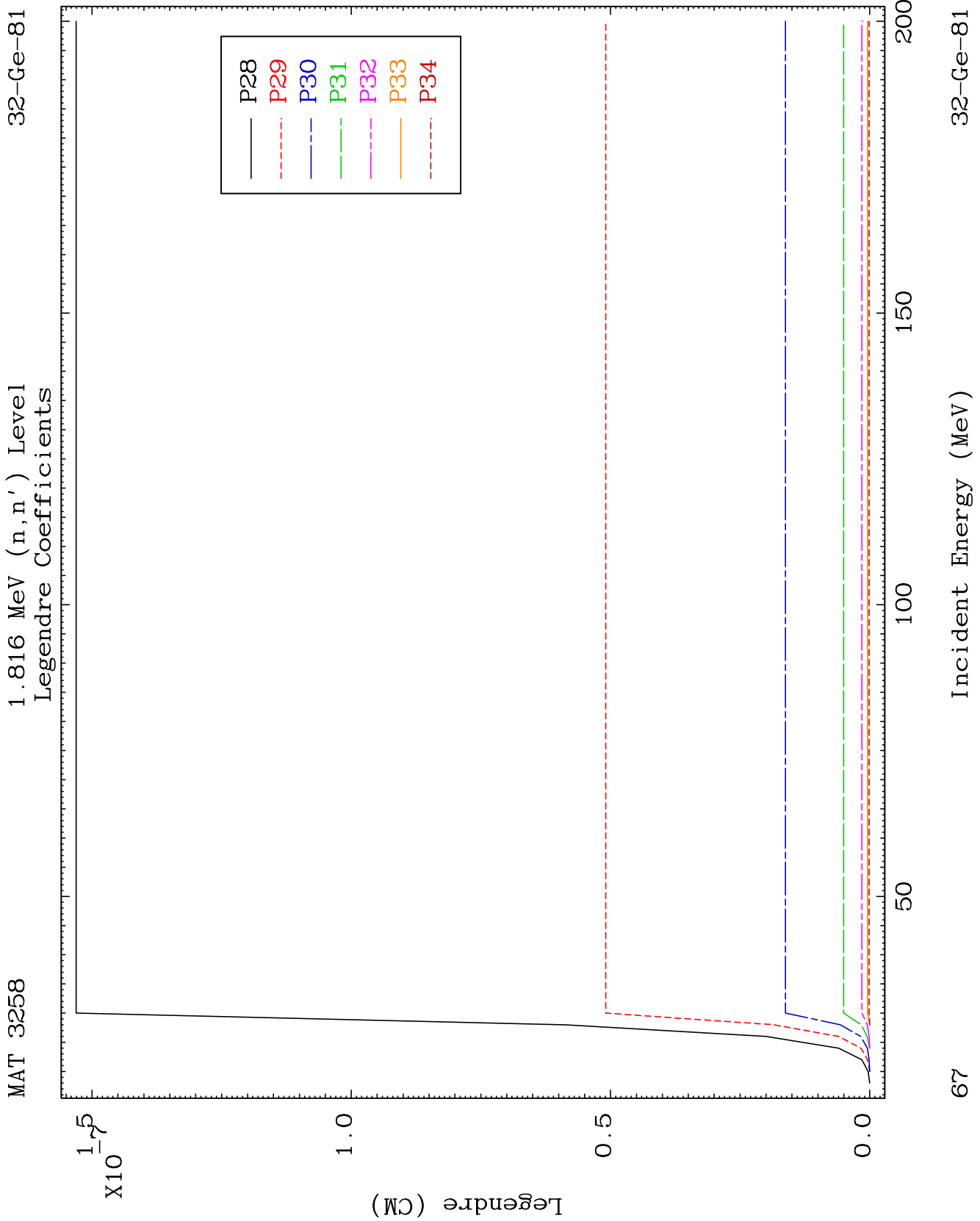


65

Incident Energy (MeV)

32-Ge-81

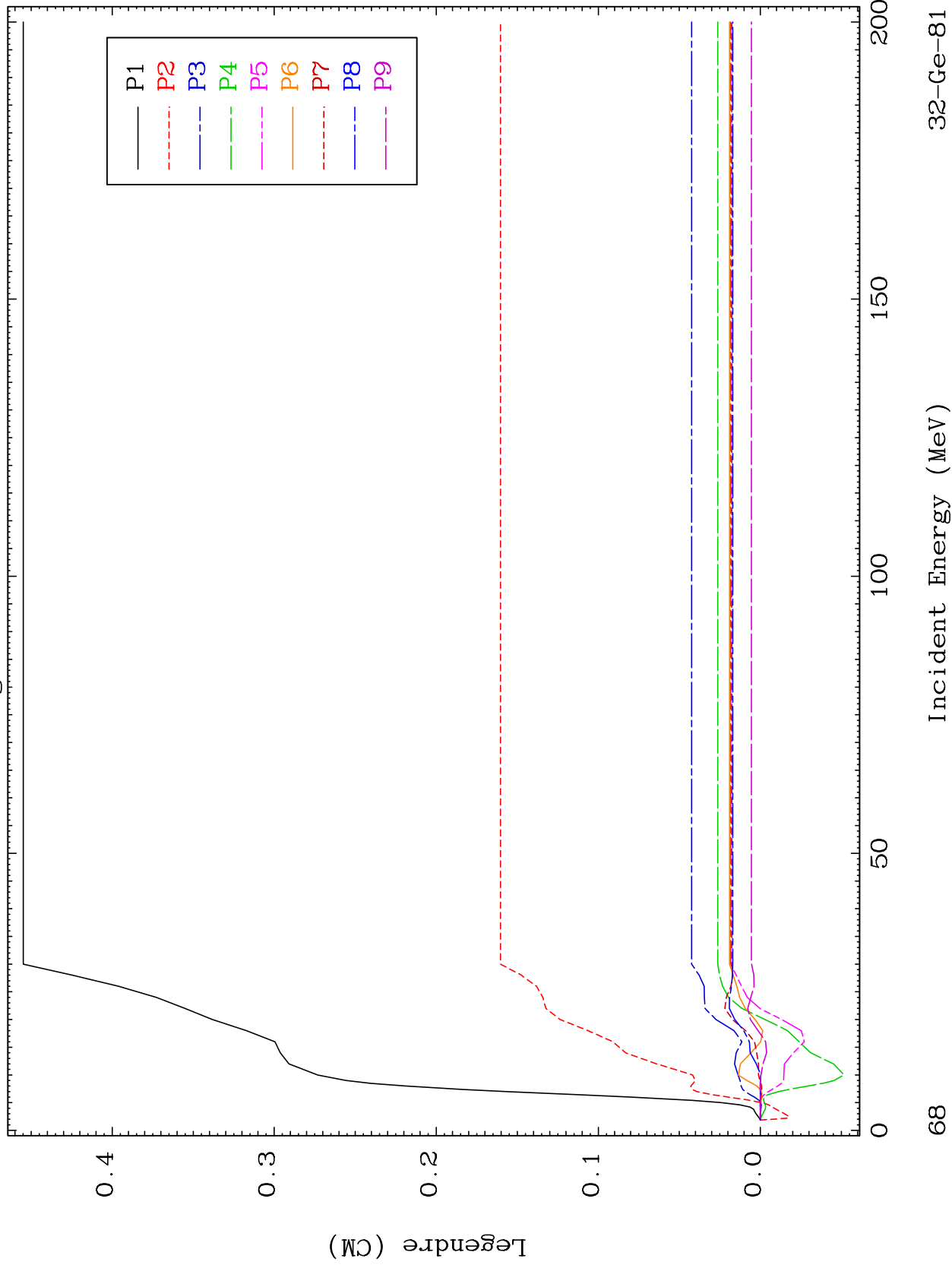




MAT 3258

1.832 MeV (n,n') Level
Legendre Coefficients

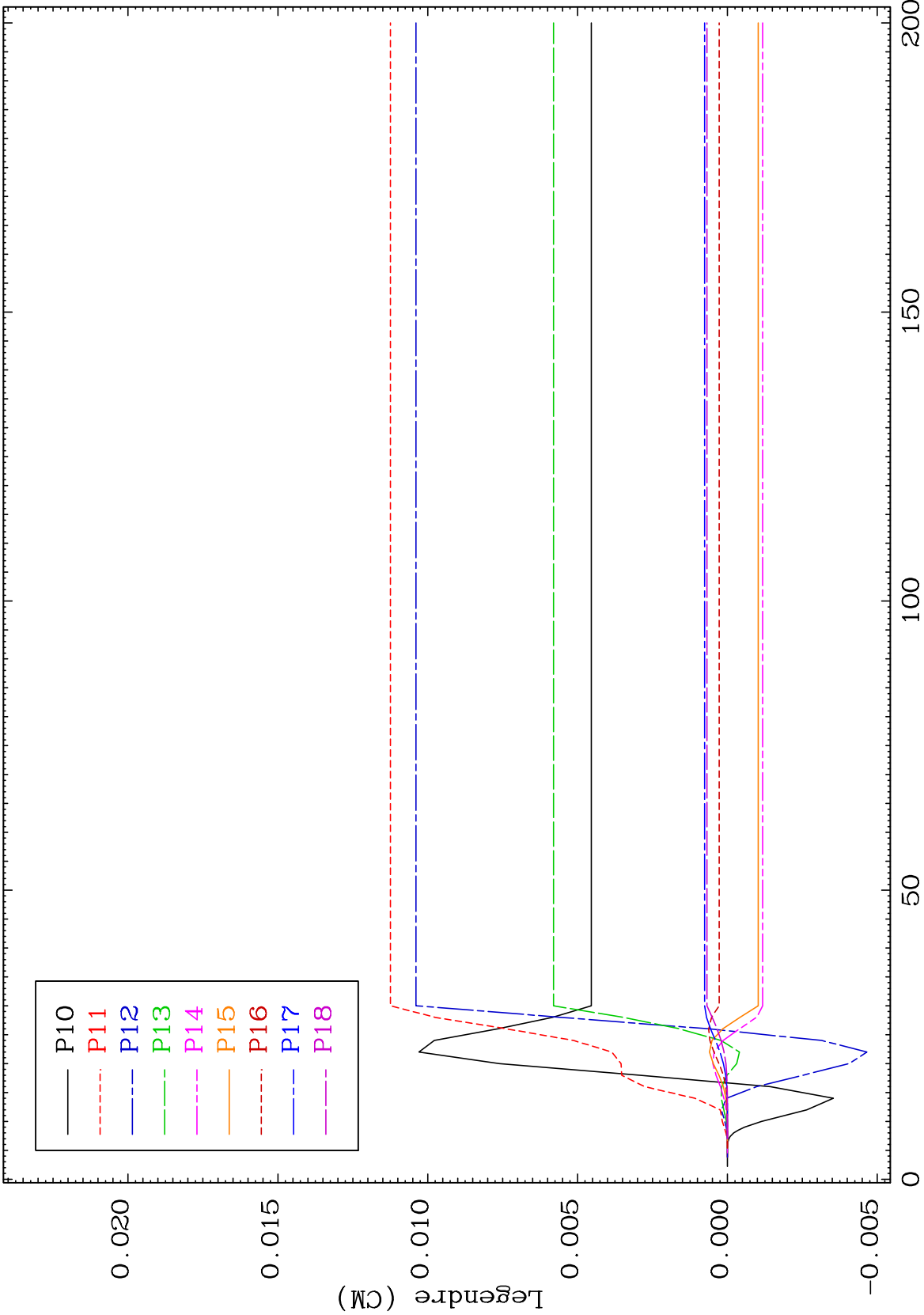
32-Ge-81



32-Ge-81

Incident Energy (MeV)

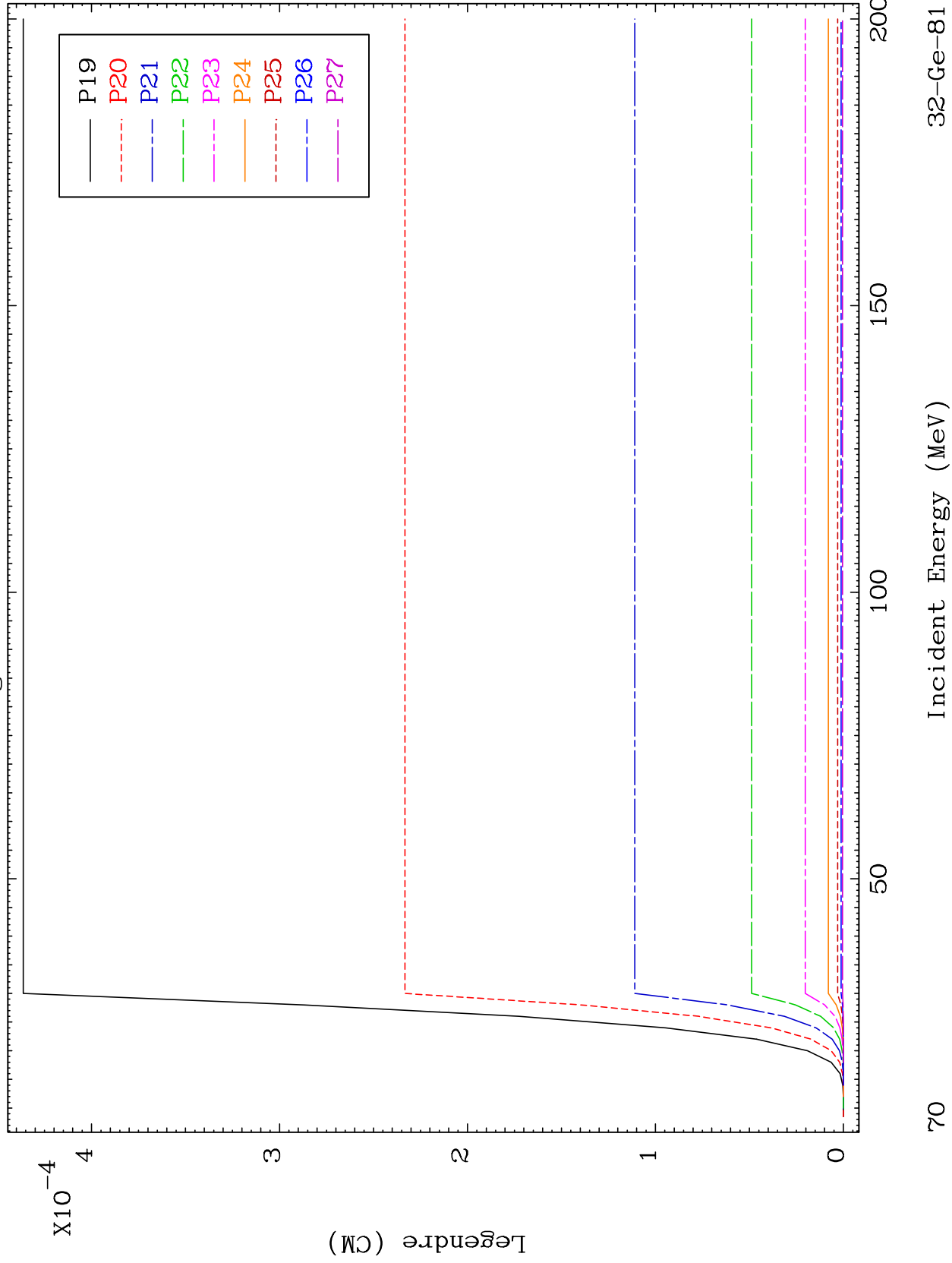
68



MAT 3258

1.832 MeV (n,n') Level
Legendre Coefficients

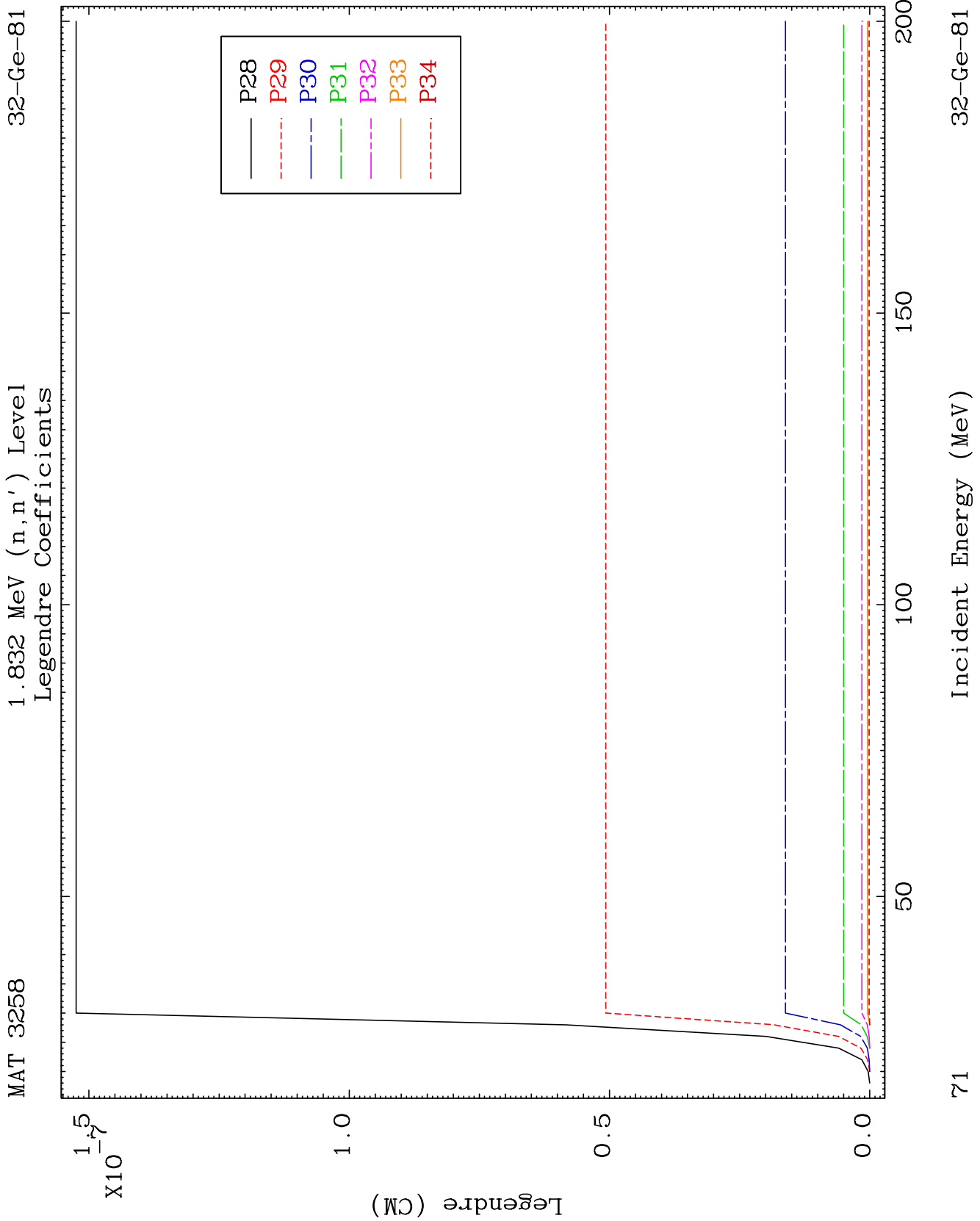
32-Ge-81



70

Incident Energy (MeV)

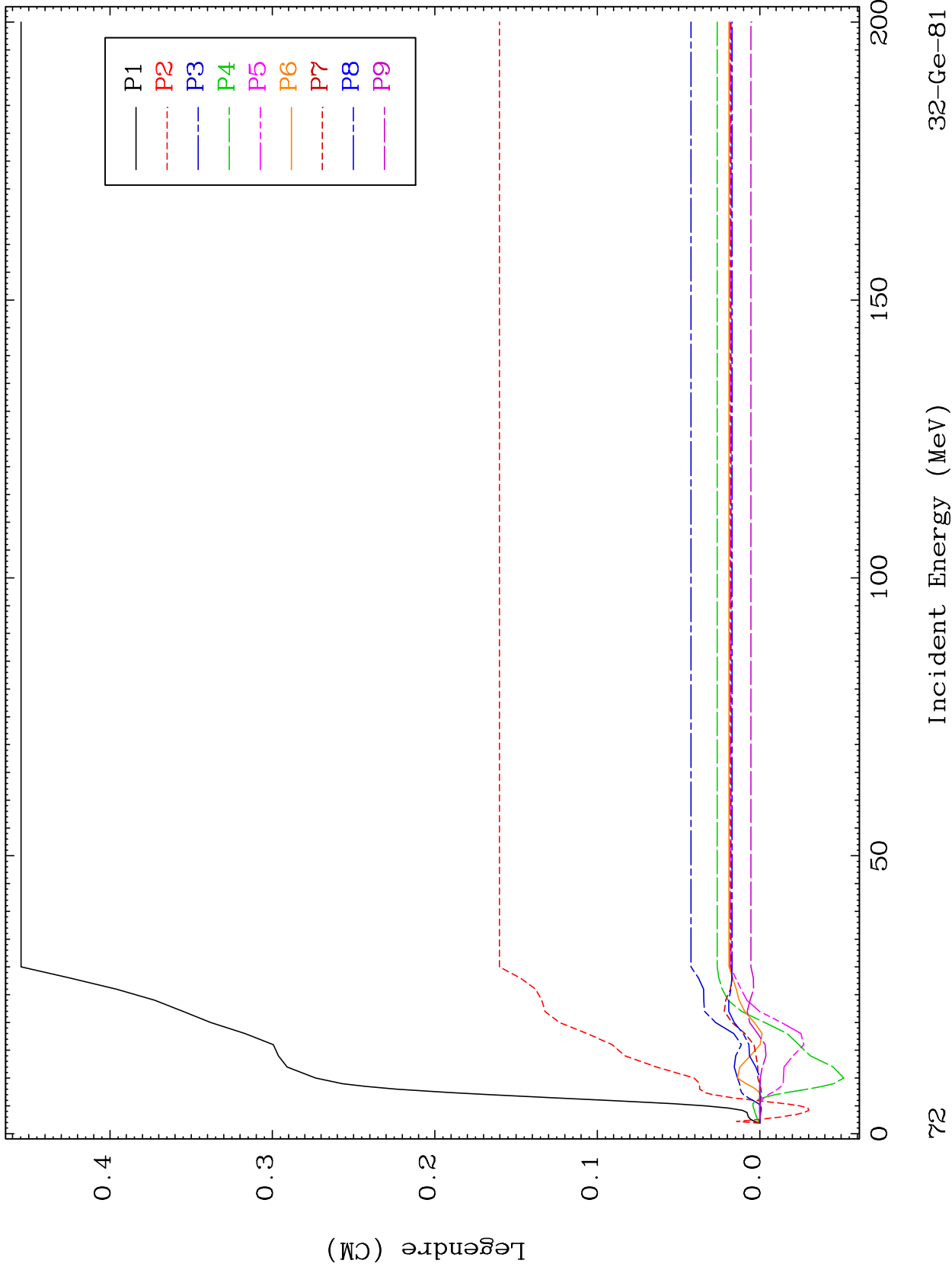
32-Ge-81



MAT 3258

1.855 MeV (n,n') Level
Legendre Coefficients

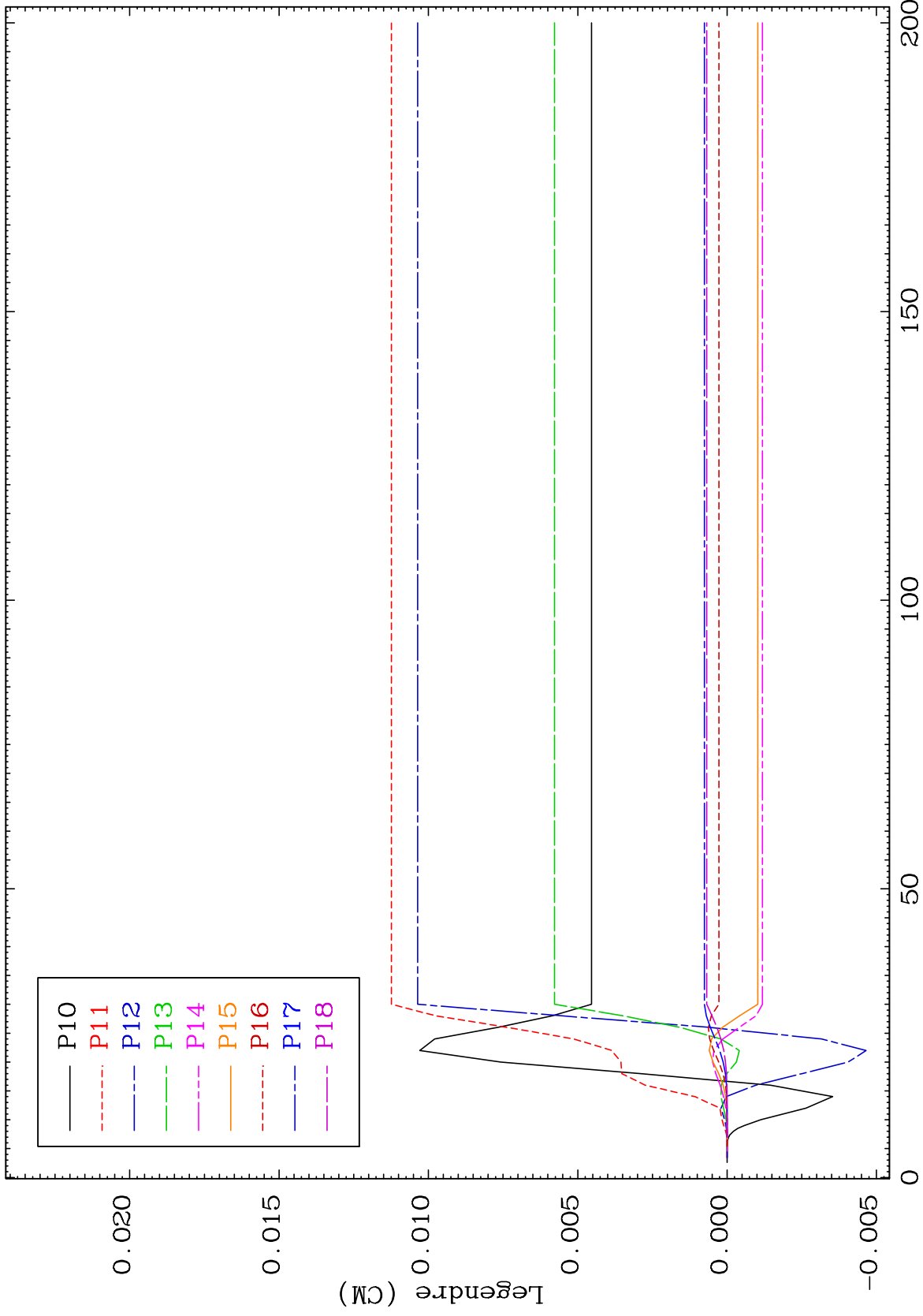
32-Ge-81

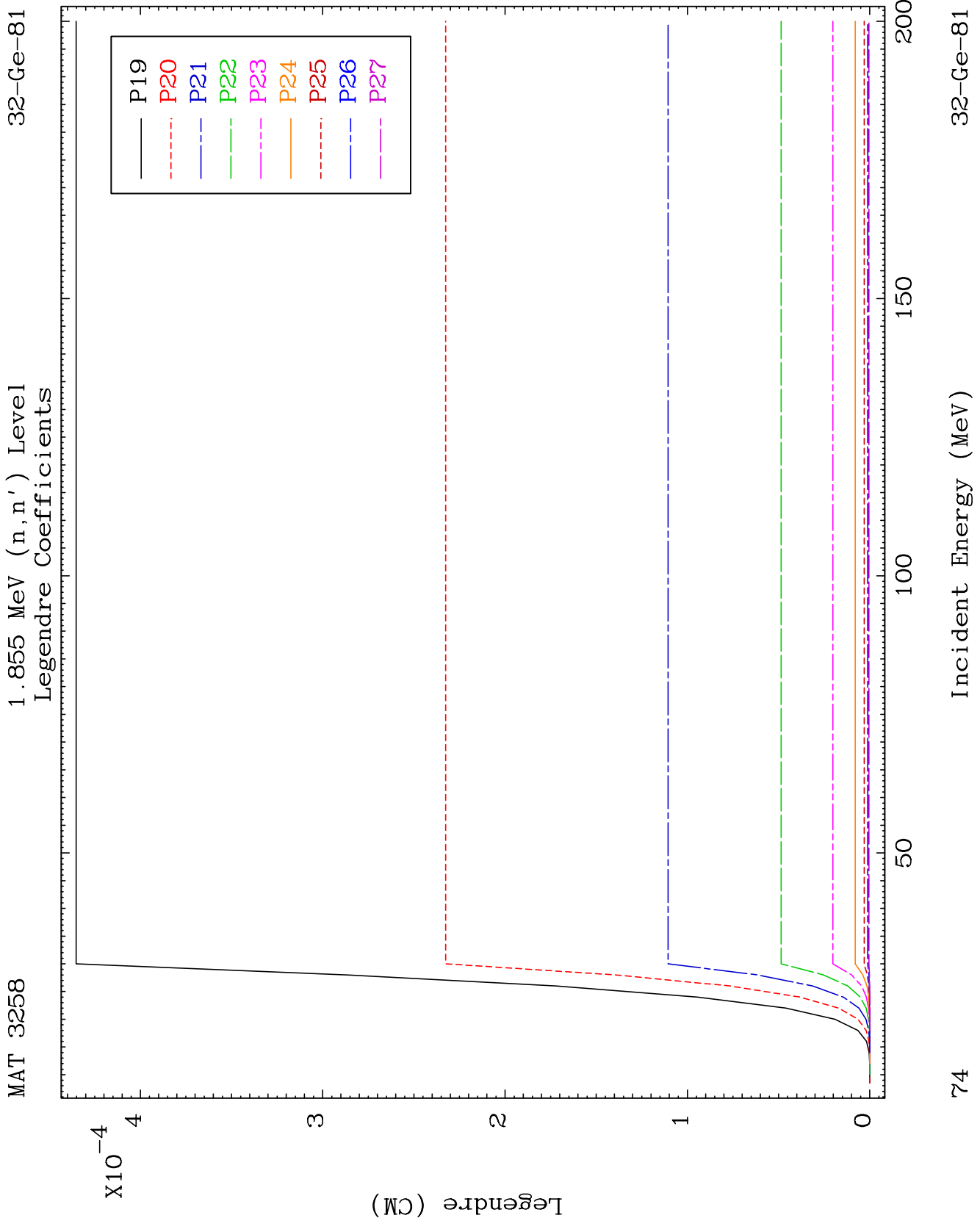


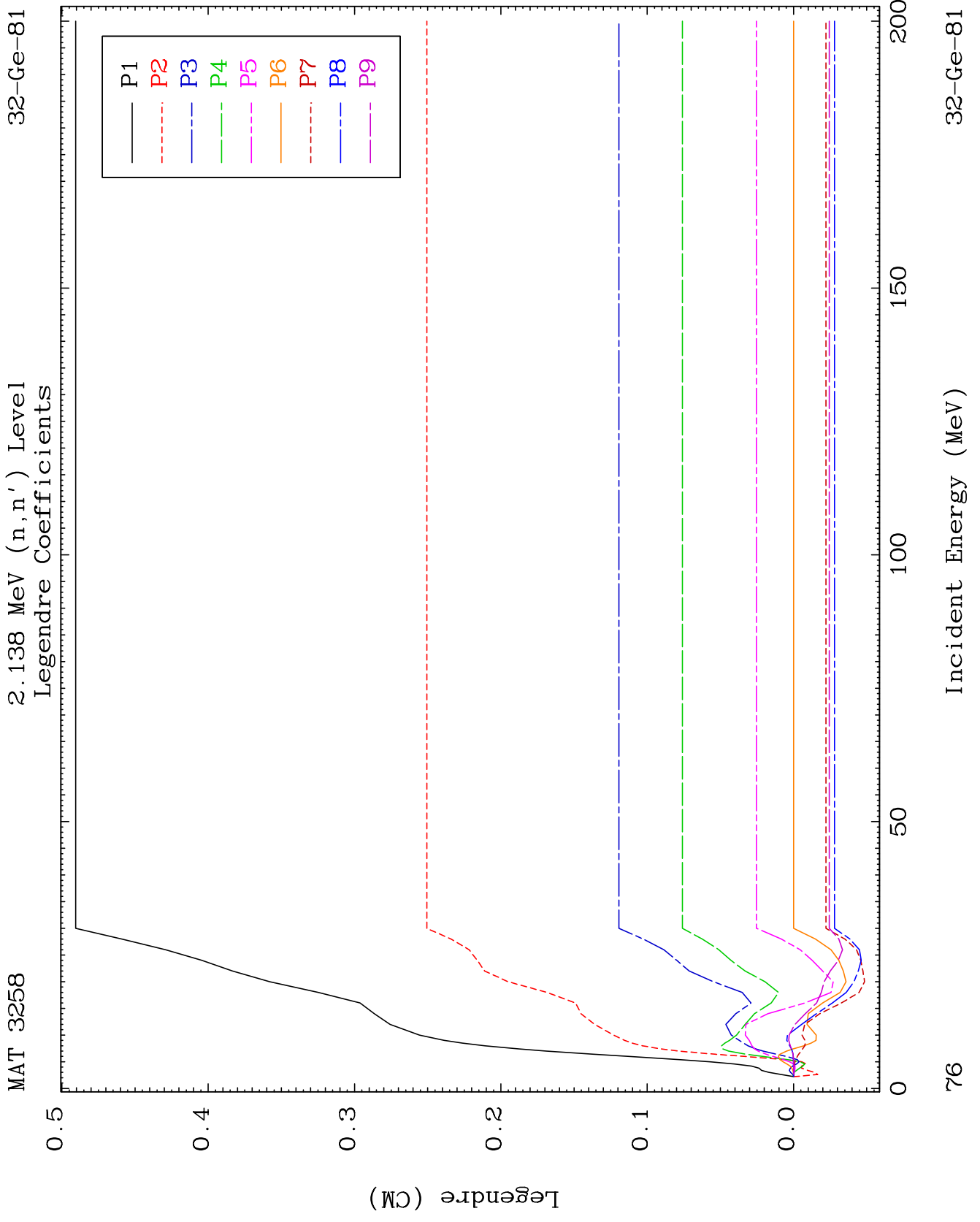
72

Incident Energy (MeV)

32-Ge-81



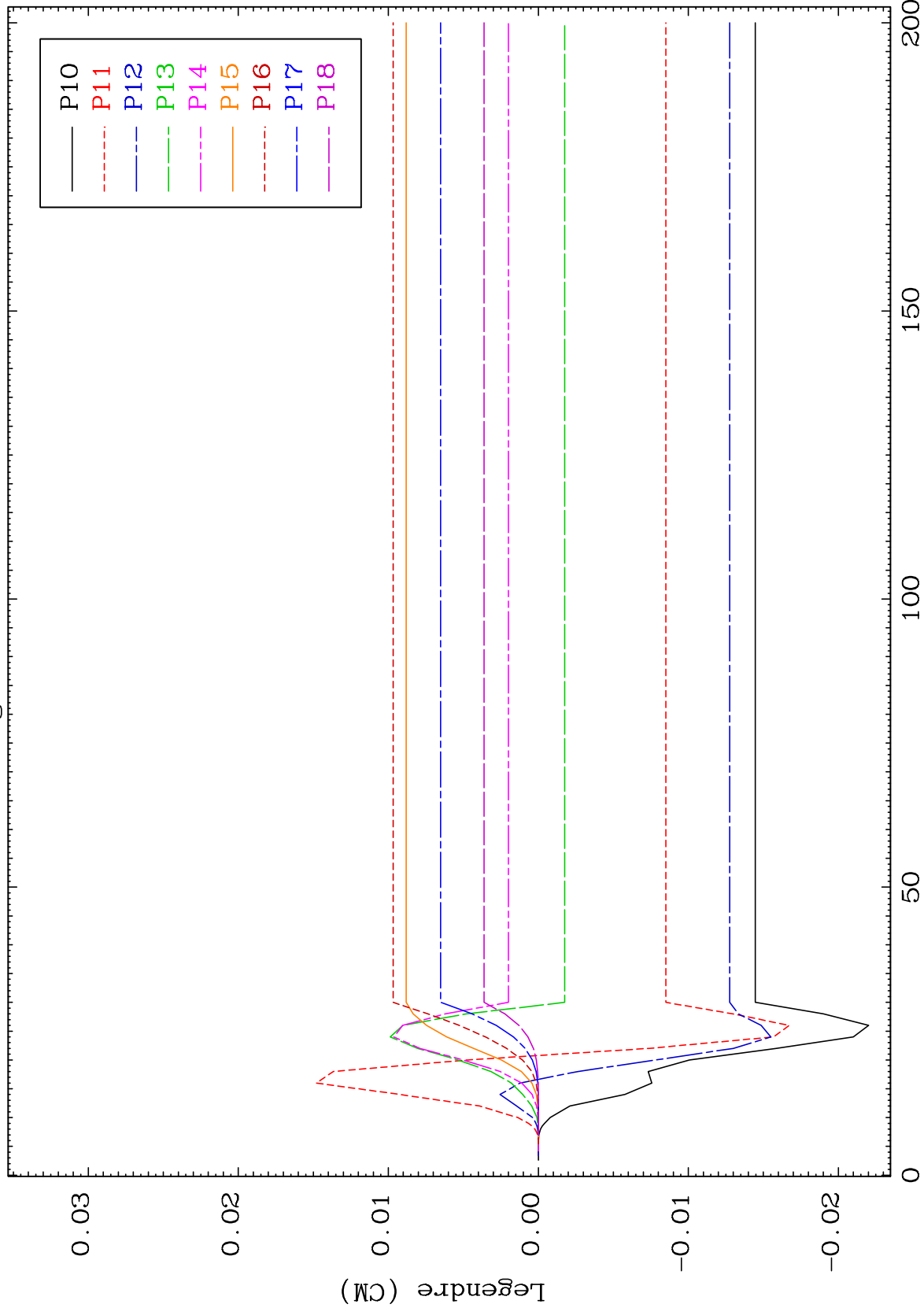




MAT 3258

2.138 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



77

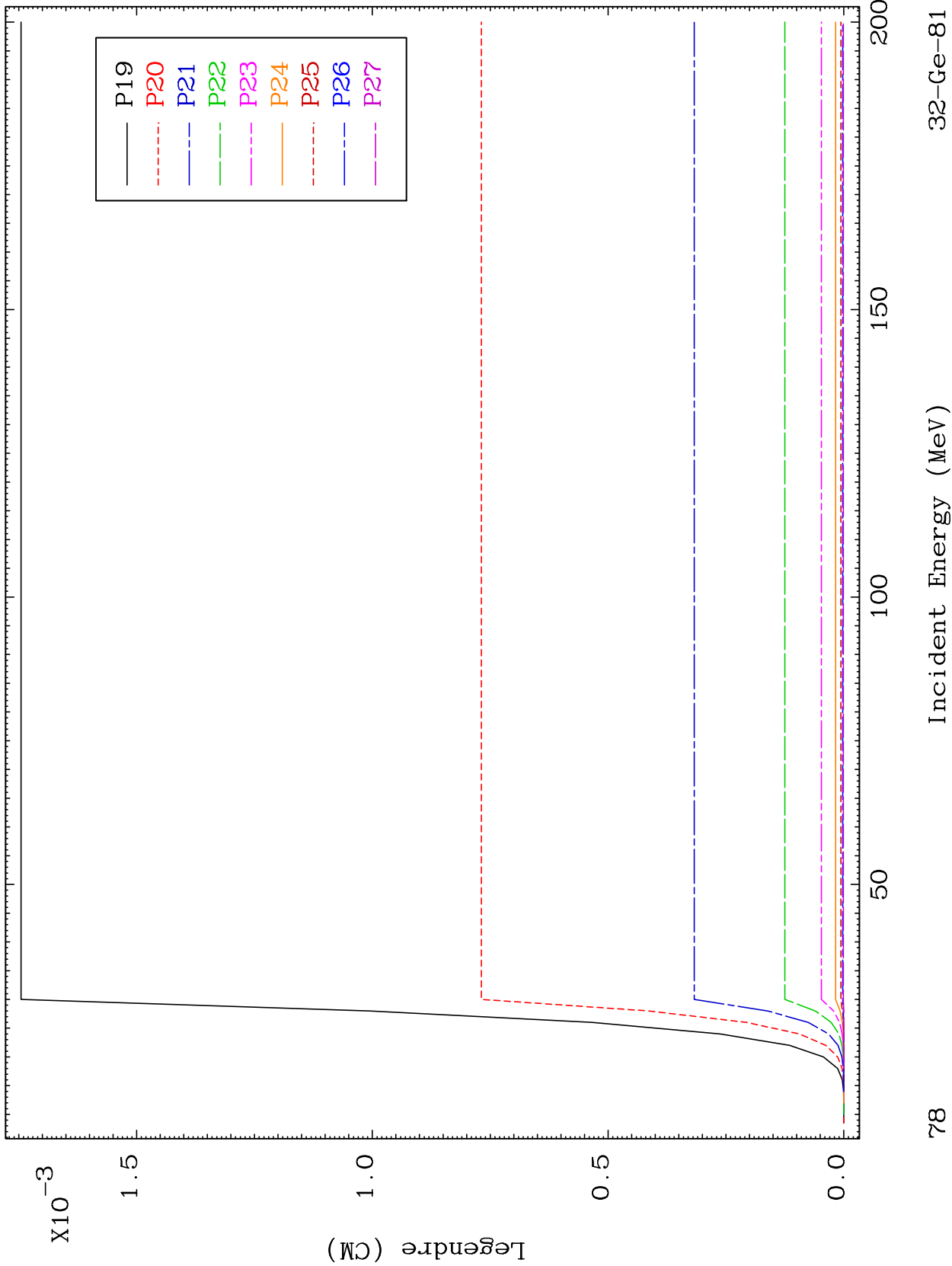
Incident Energy (MeV)

32-Ge-81

MAT 3258

2.138 MeV (n,n') Level
Legendre Coefficients

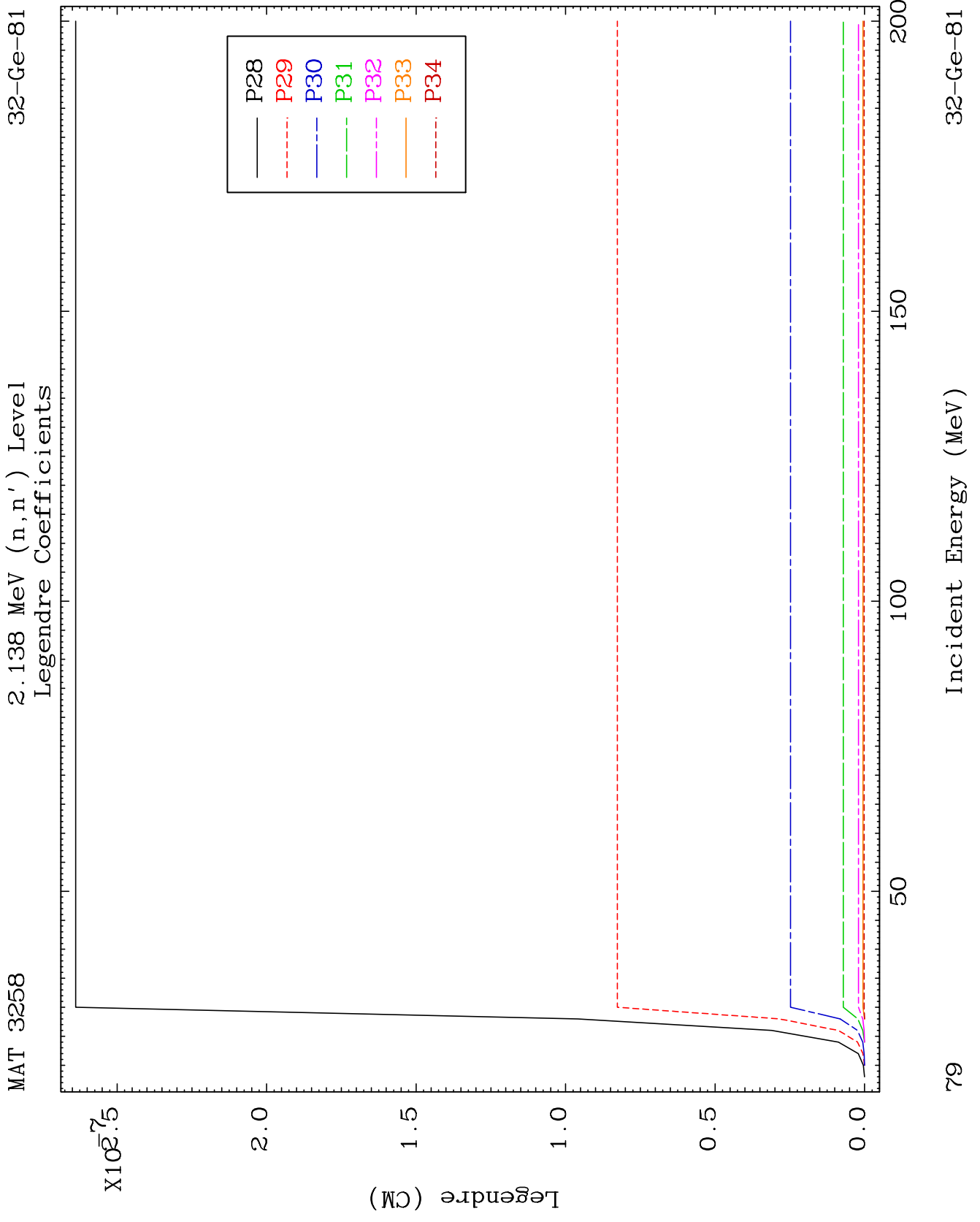
32-Ge-81

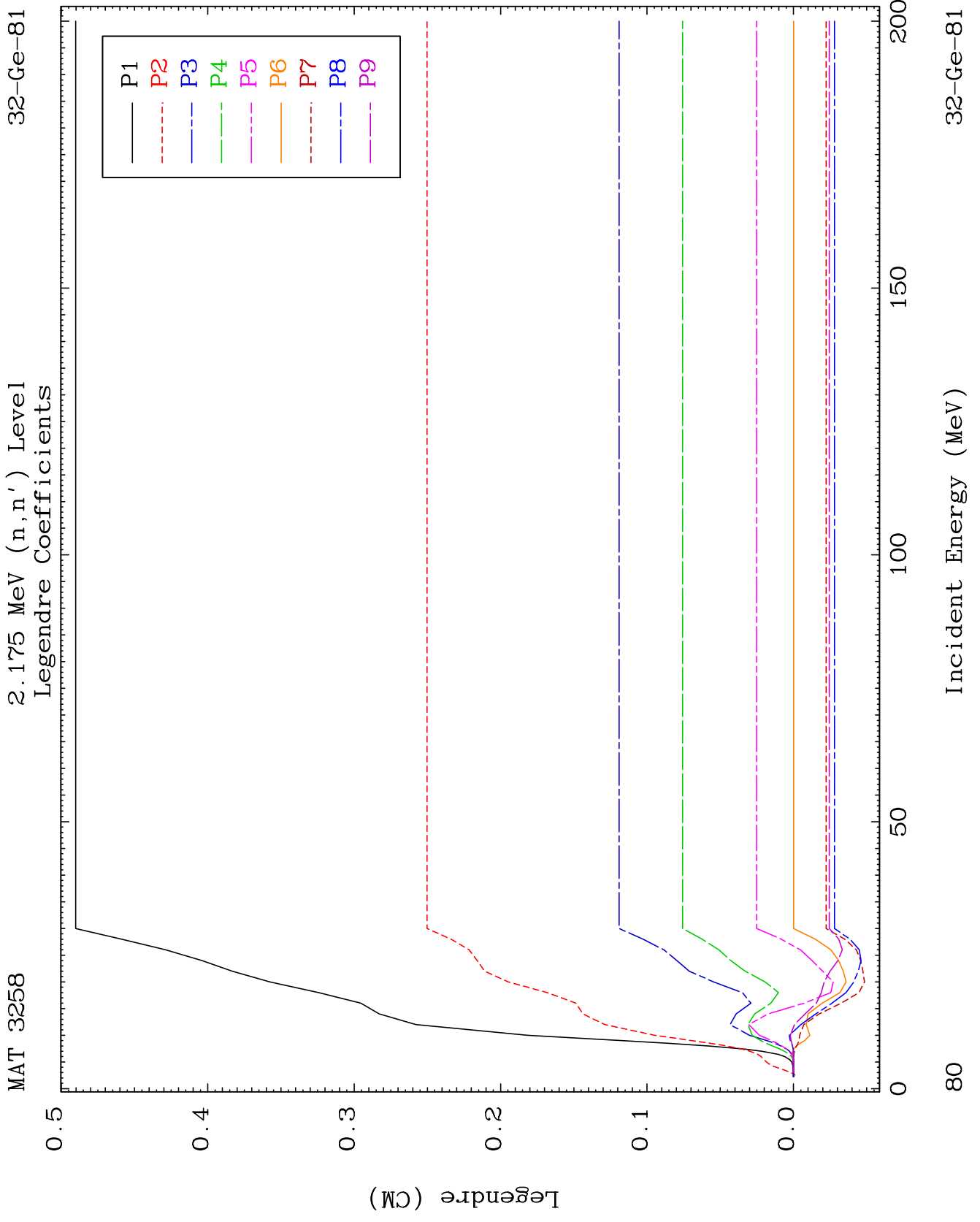


78

Incident Energy (MeV)

32-Ge-81

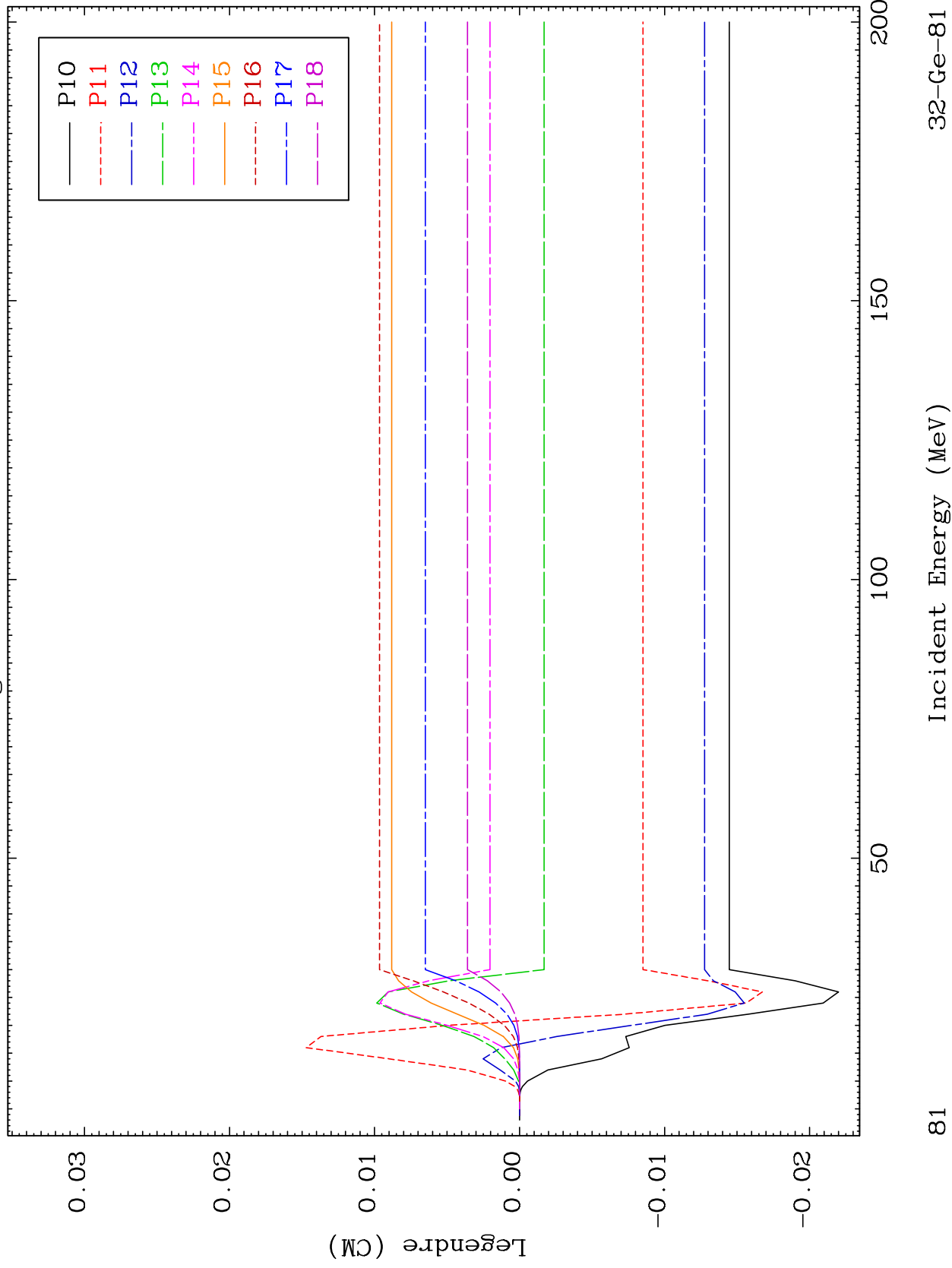




MAT 3258

2.175 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



81

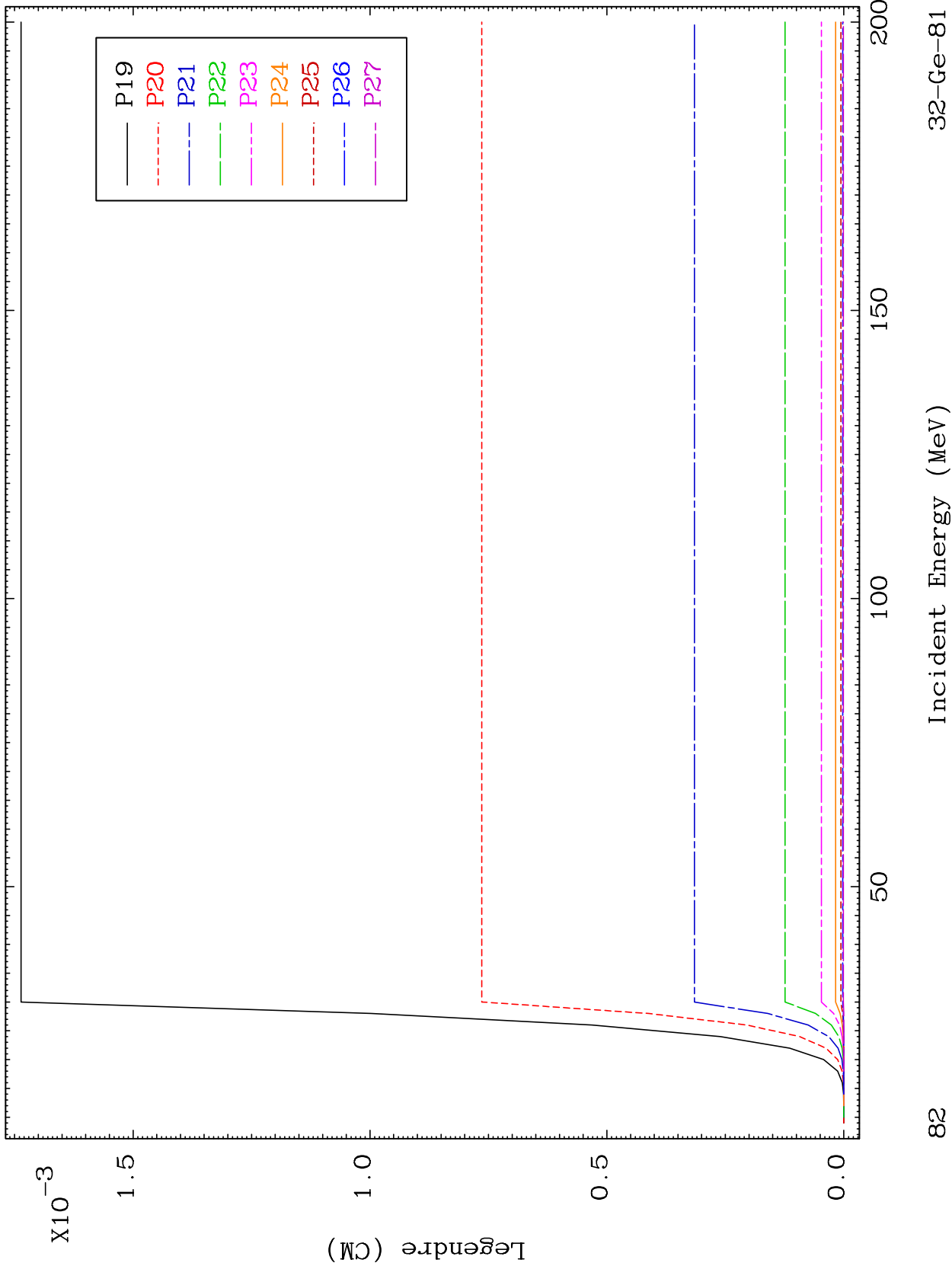
Incident Energy (MeV)

32-Ge-81

MAT 3258

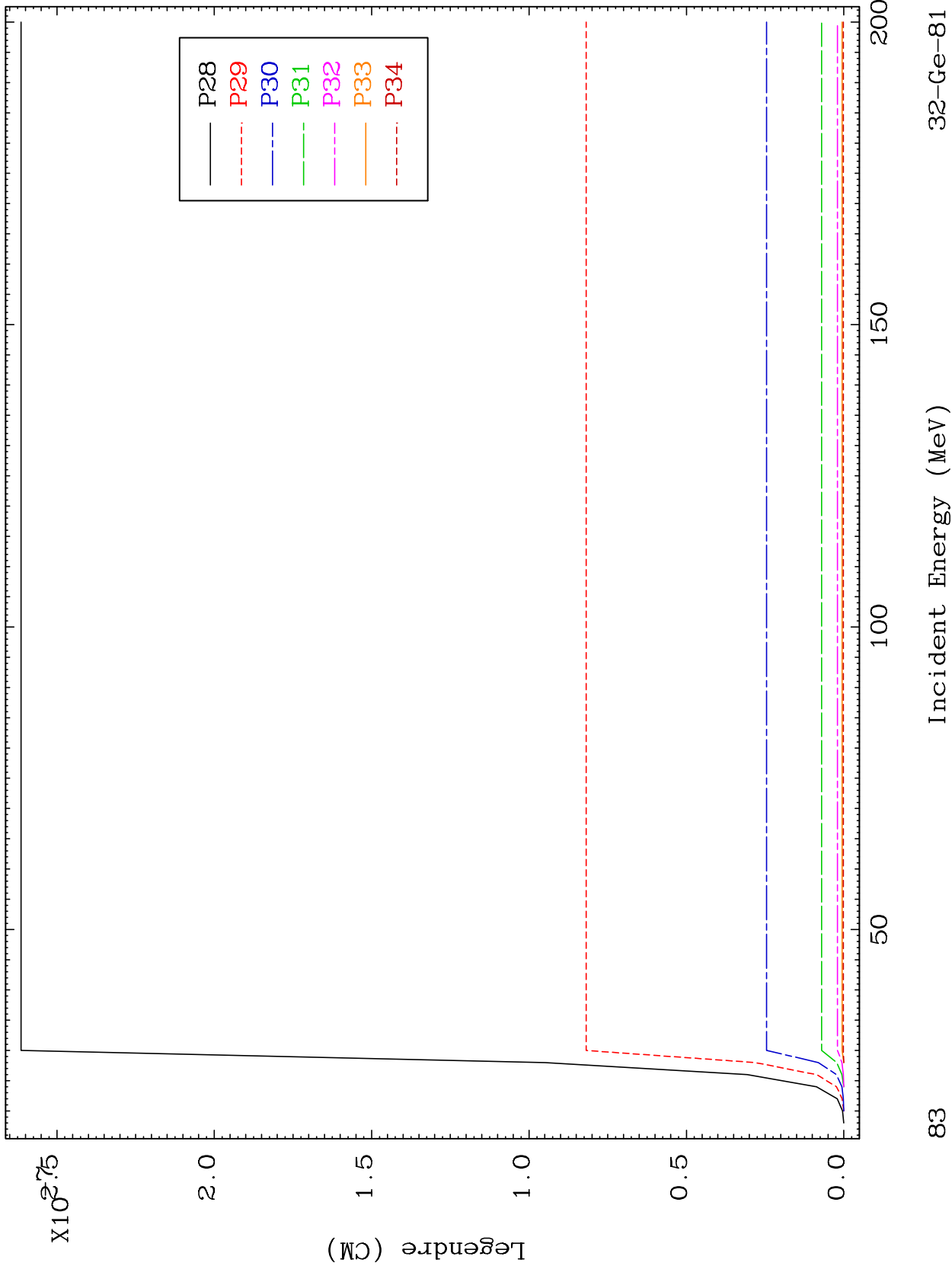
2.175 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



82

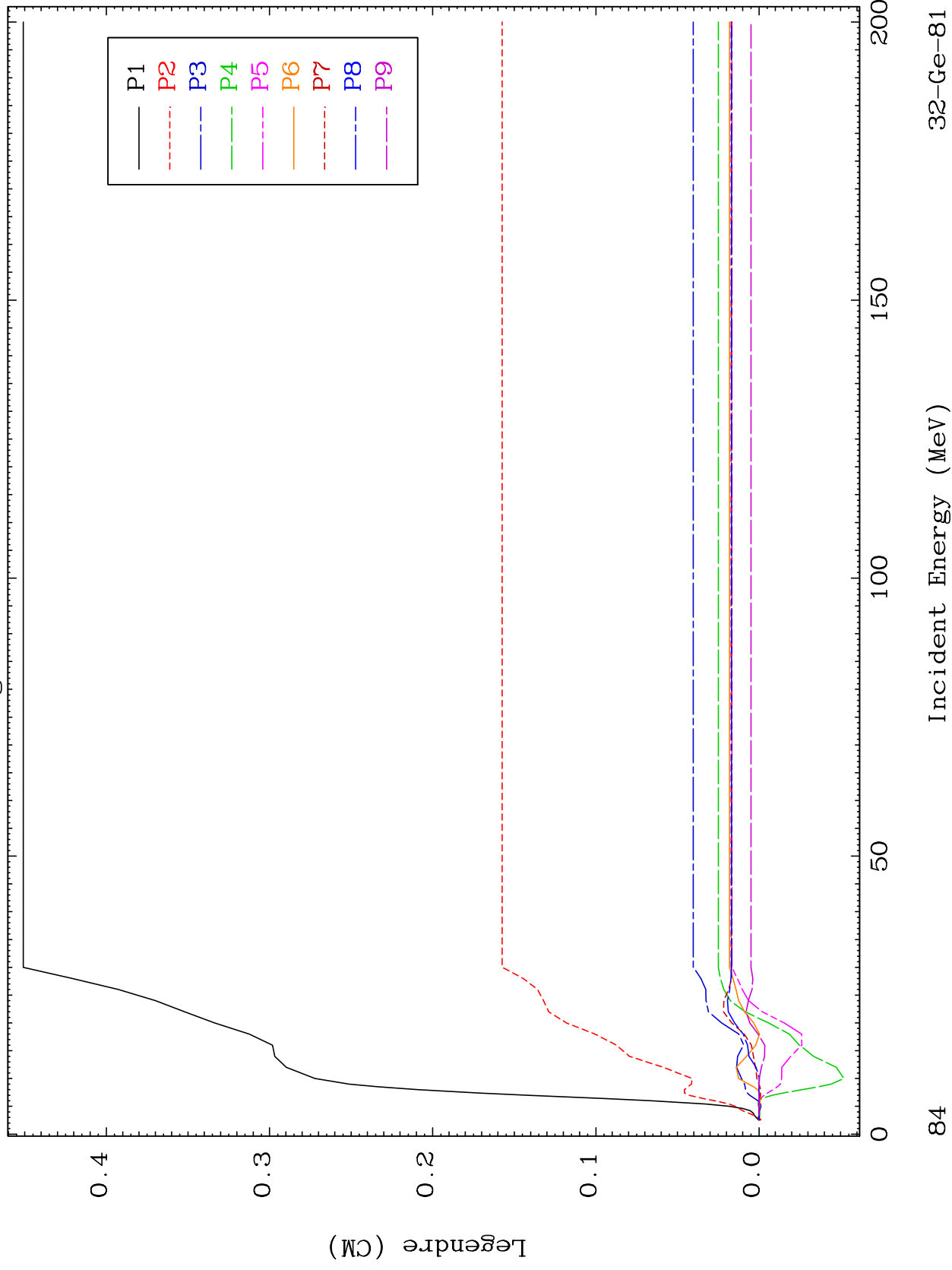
32-Ge-81



MAT 3258

2.420 MeV (n,n') Level
Legendre Coefficients

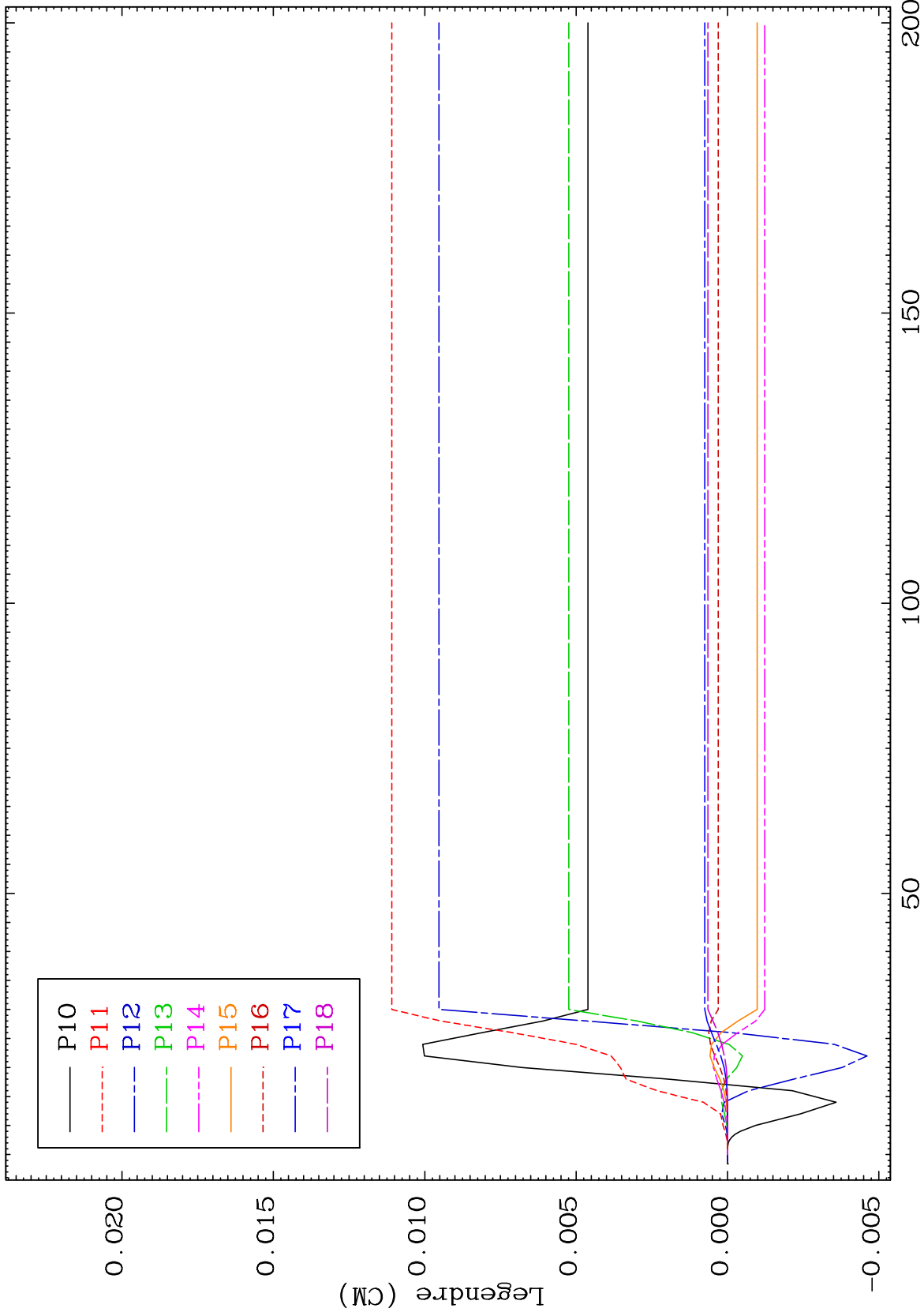
32-Ge-81

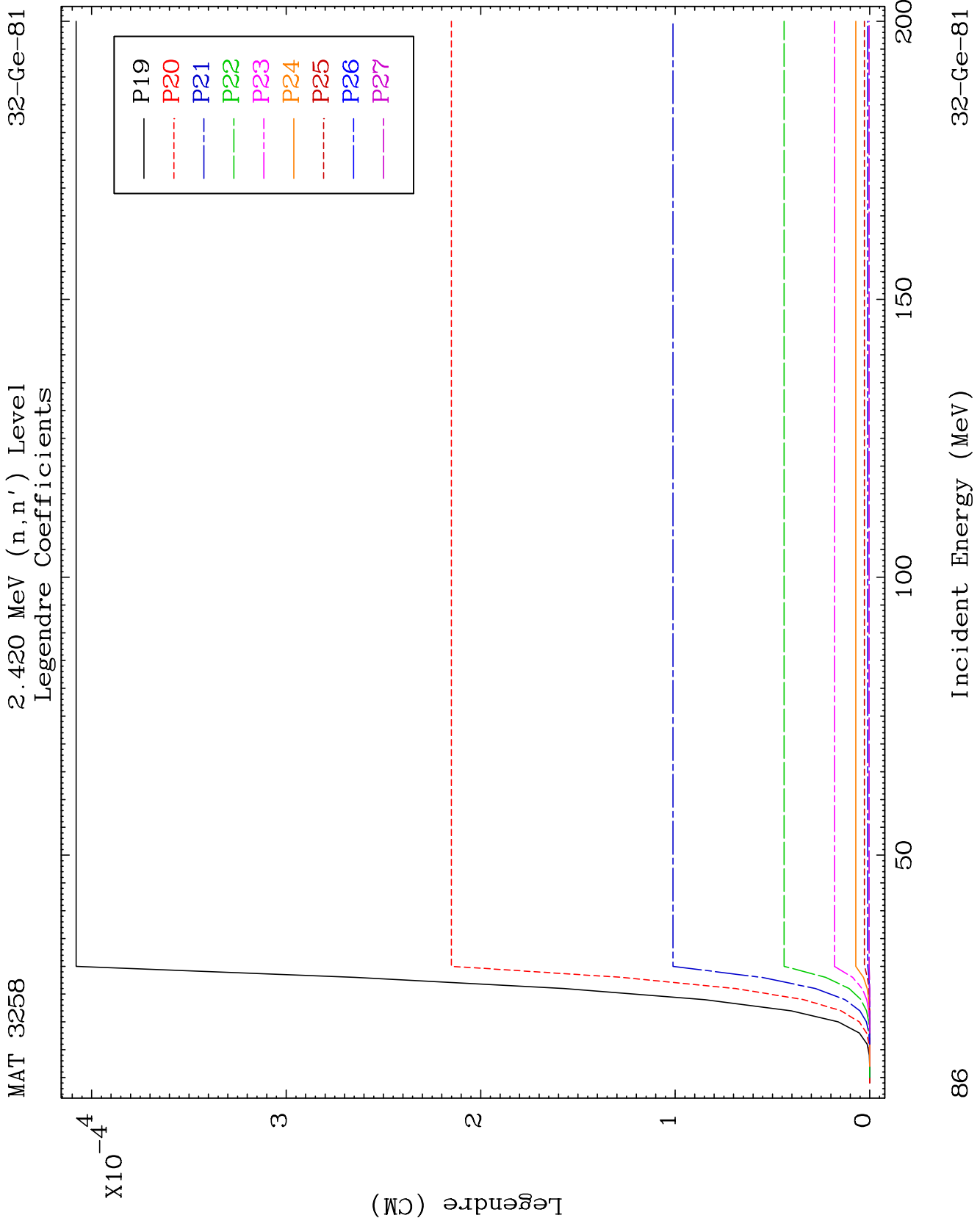


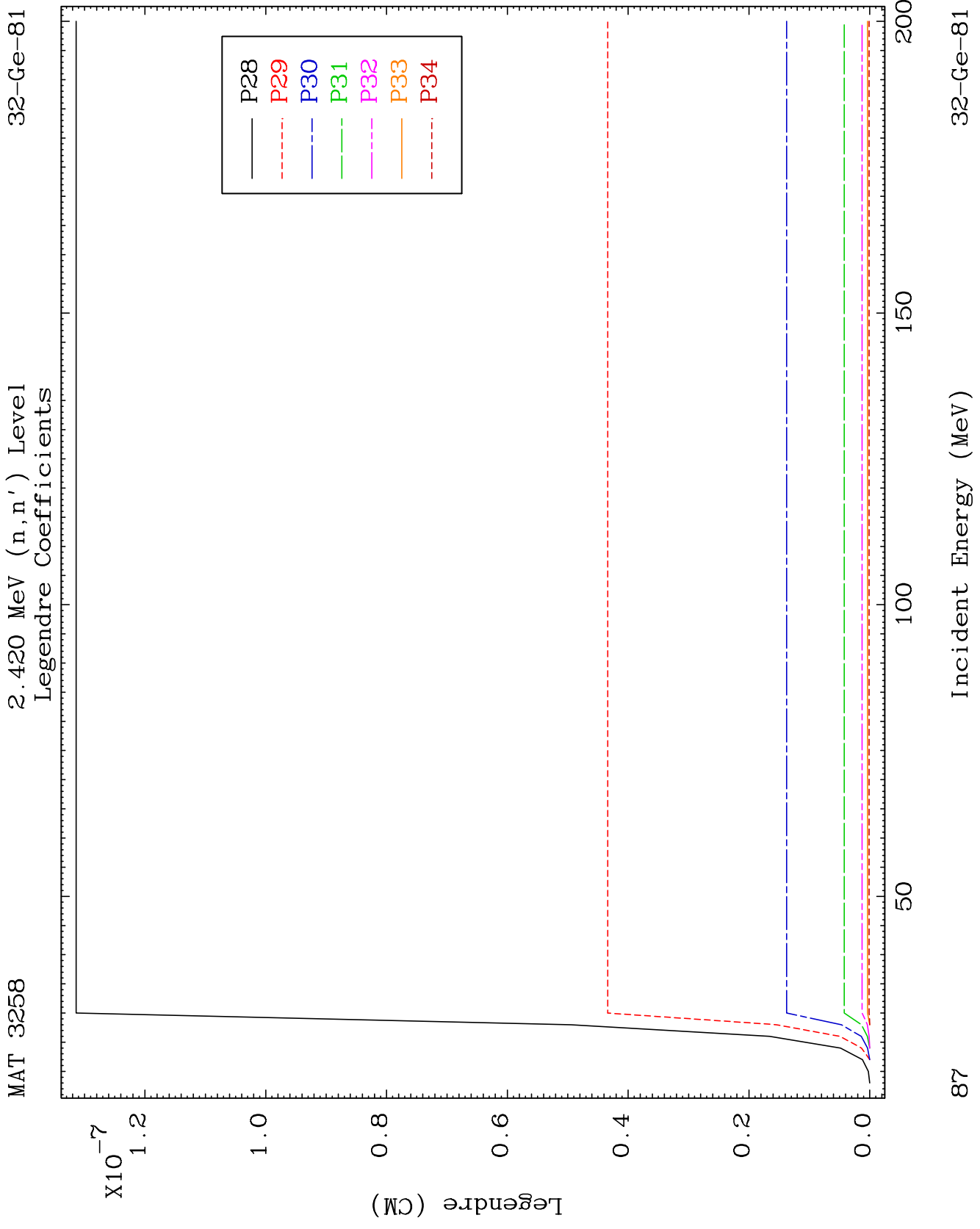
84

Incident Energy (MeV)

32-Ge-81



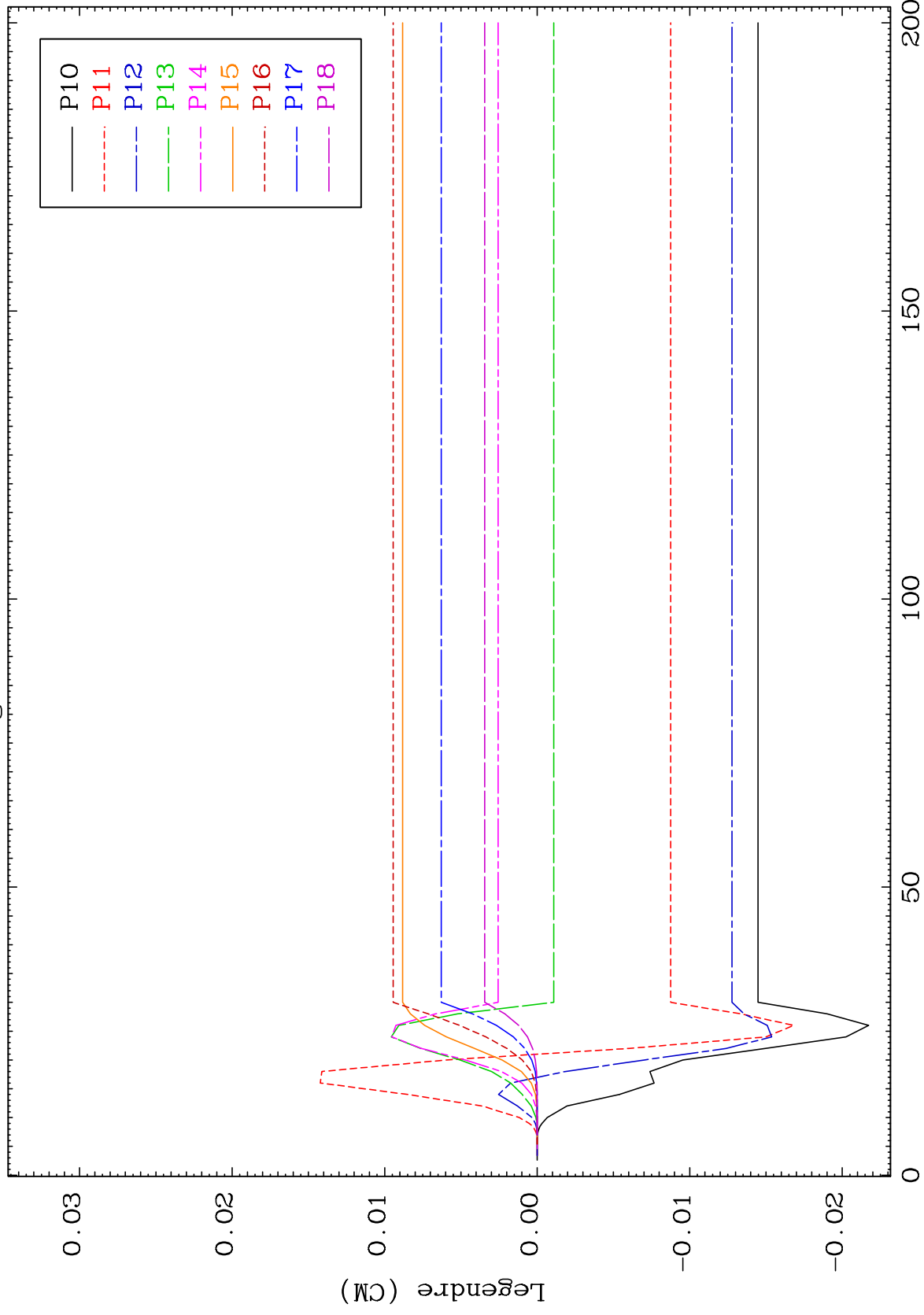




MAT 3258

2.529 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



89

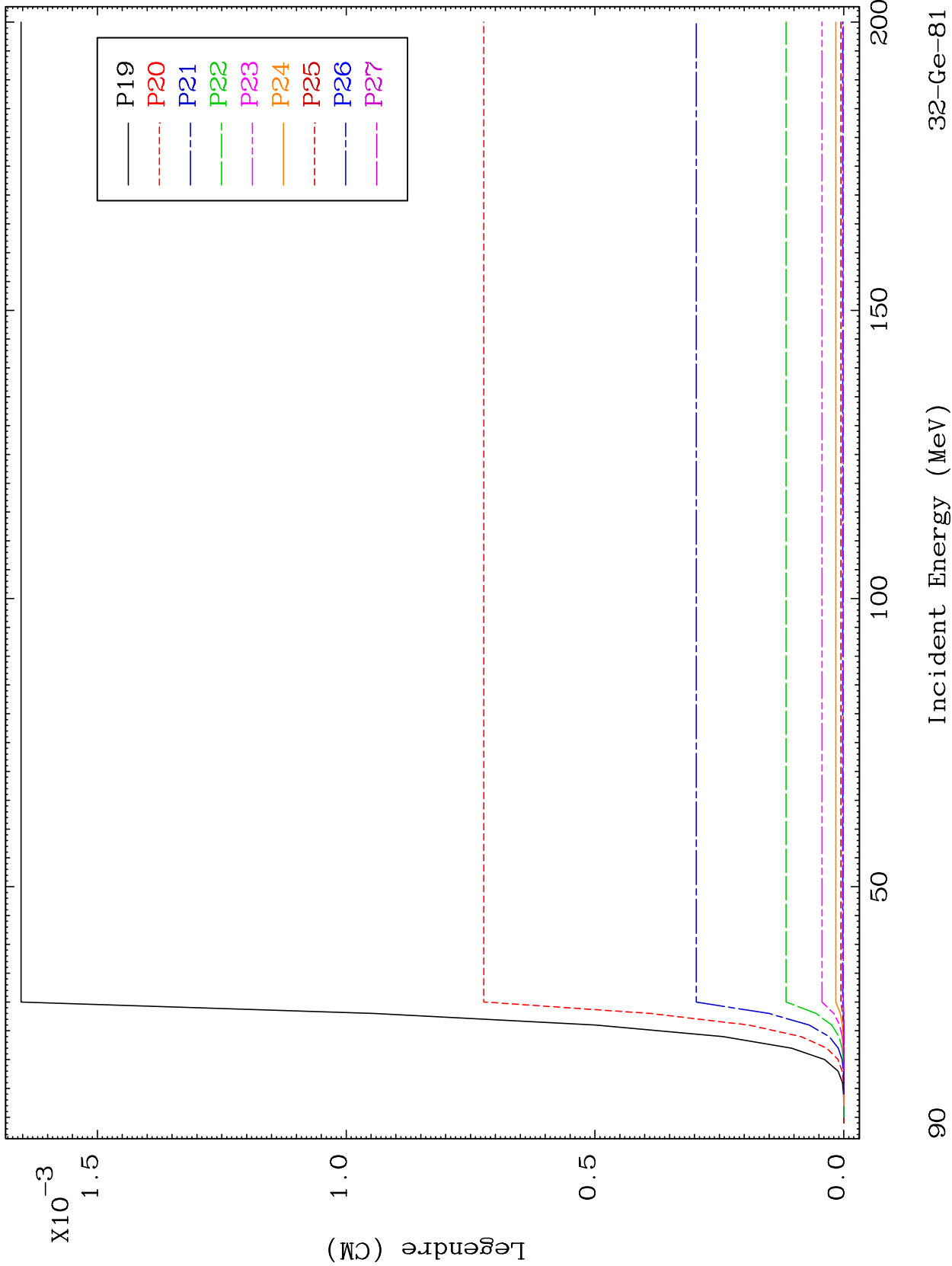
Incident Energy (MeV)

32-Ge-81

MAT 3258

2.529 MeV (n,n') Level
Legendre Coefficients

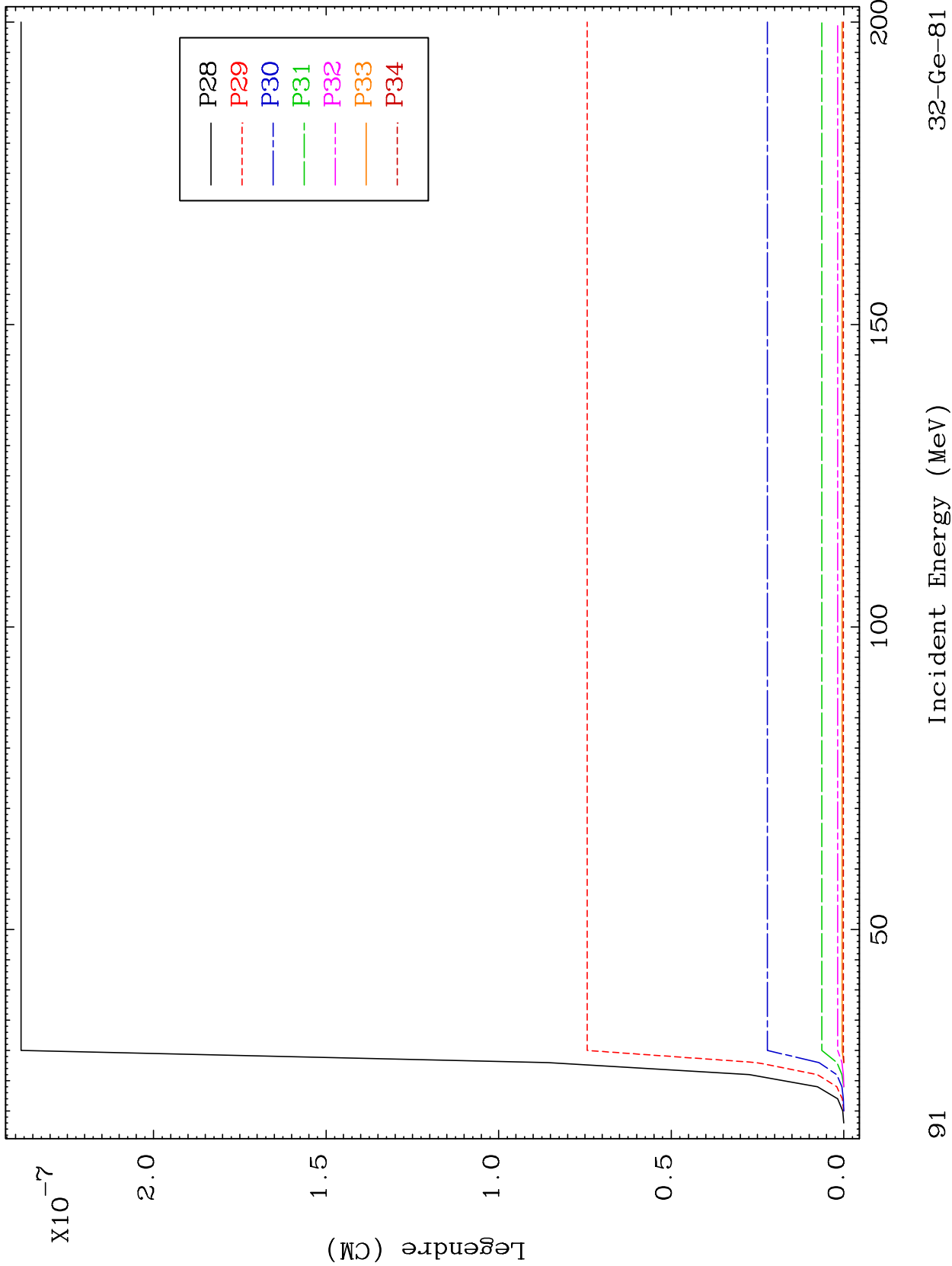
32-Ge-81



MAT 3258

2.529 MeV (n,n') Level
Legendre Coefficients

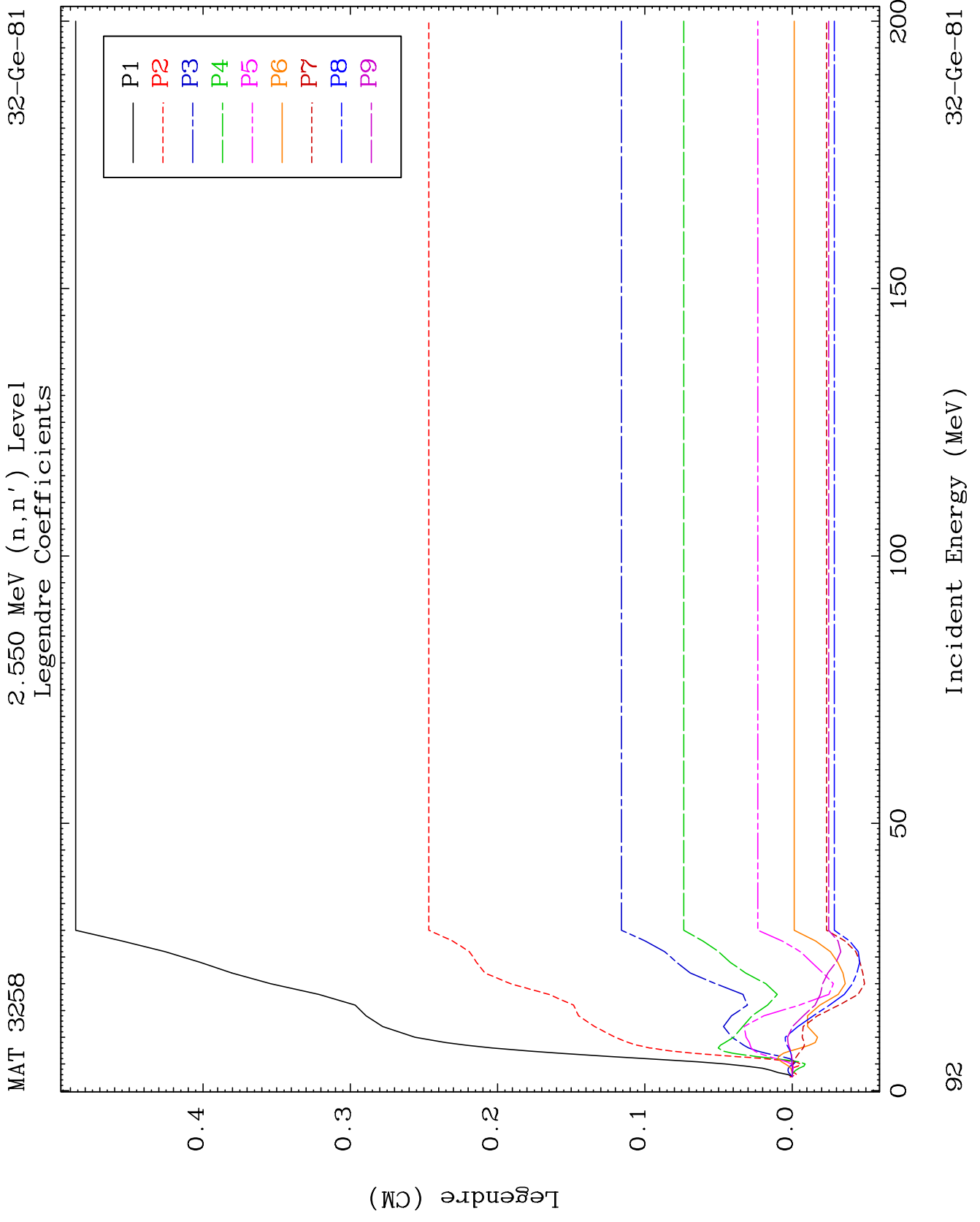
32-Ge-81

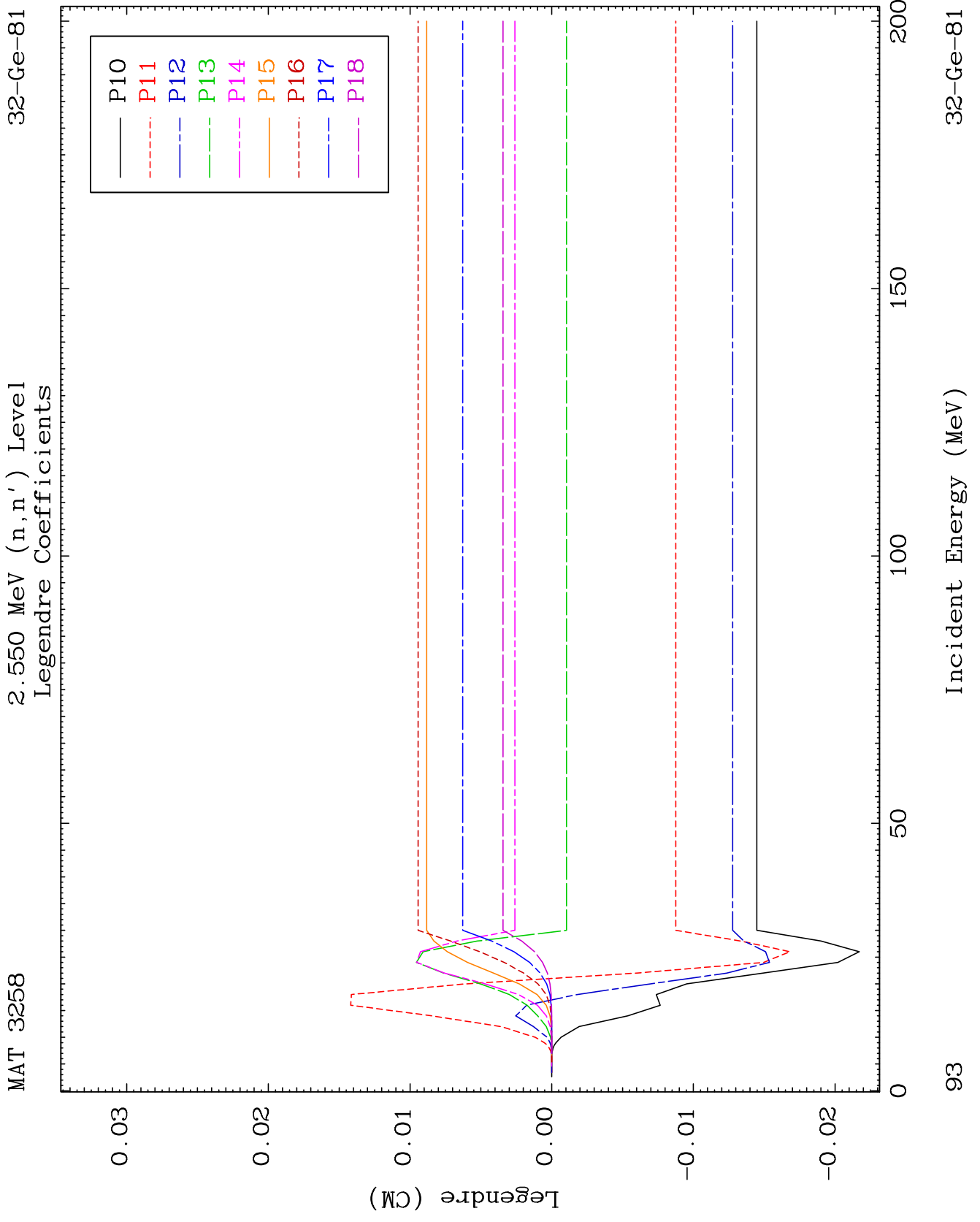


91

Incident Energy (MeV)

32-Ge-81

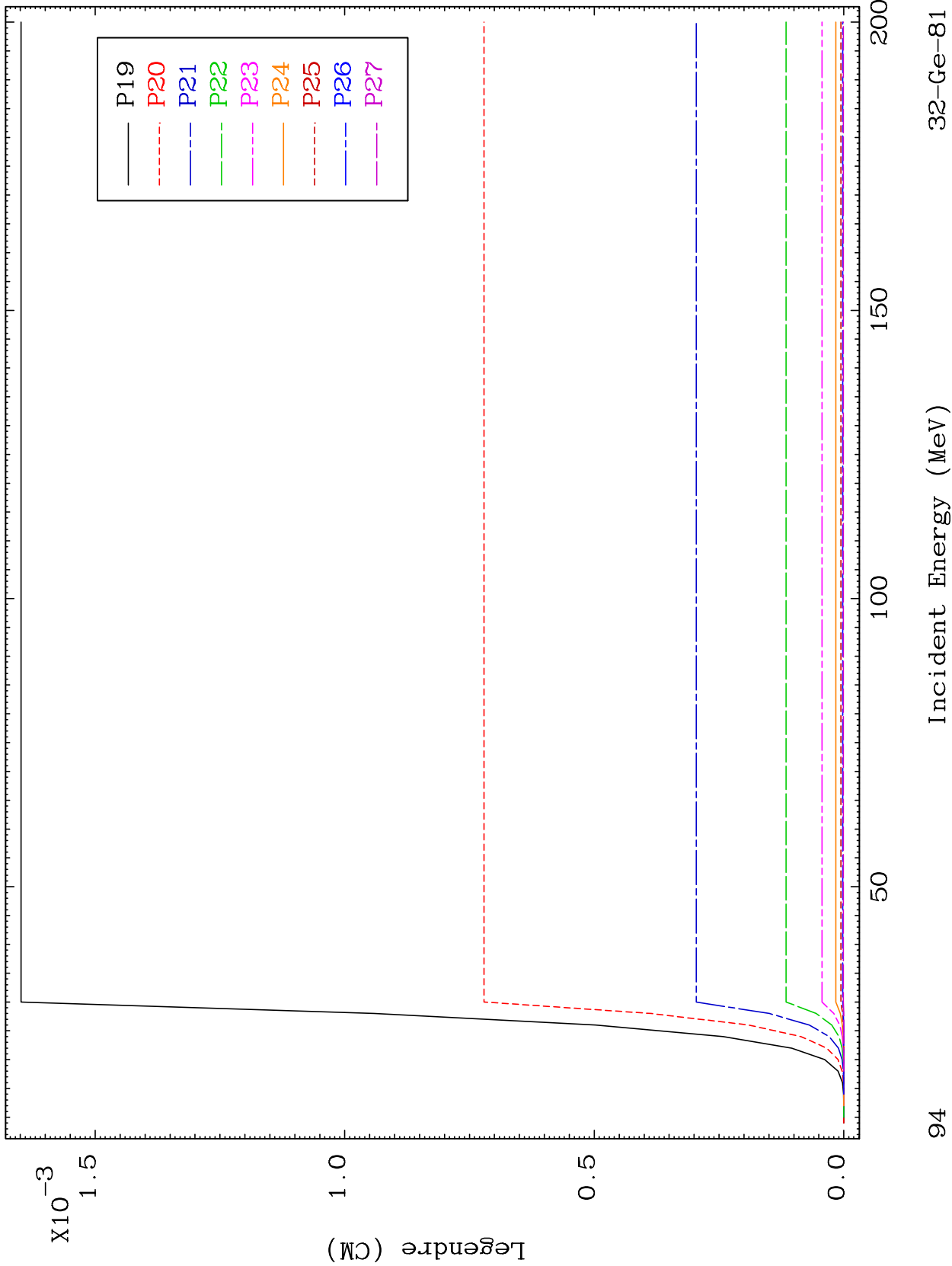


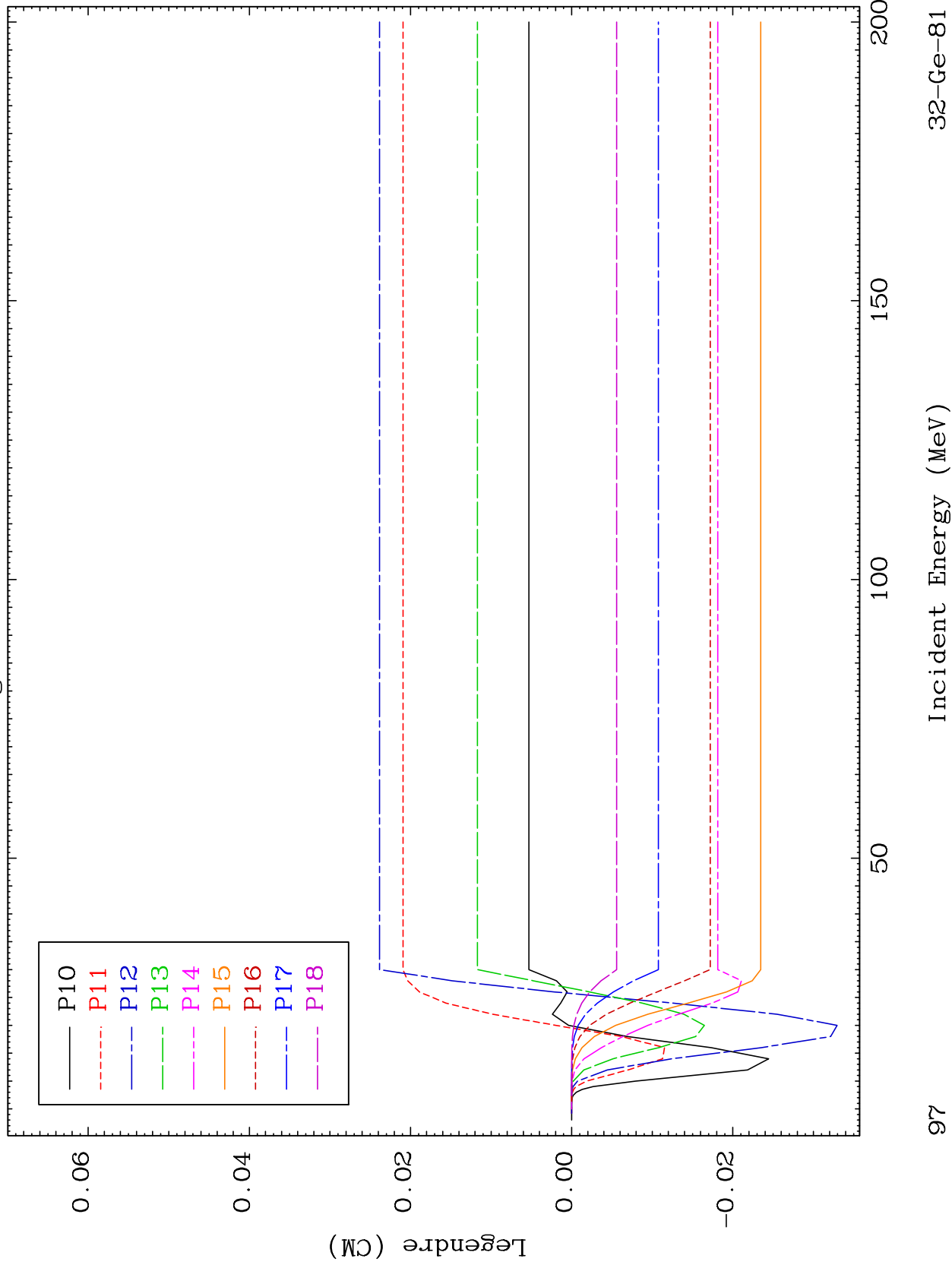


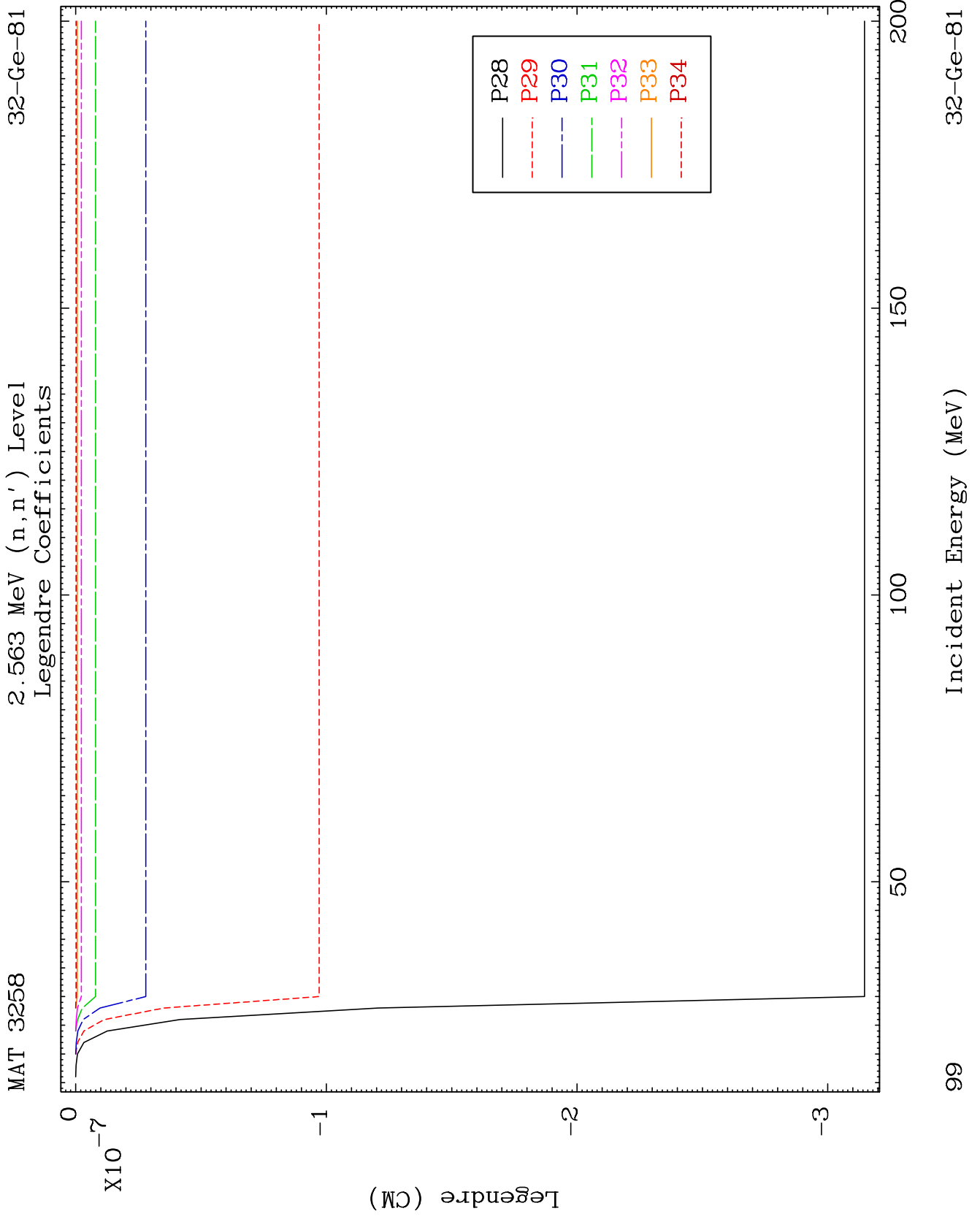
MAT 3258

2.550 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



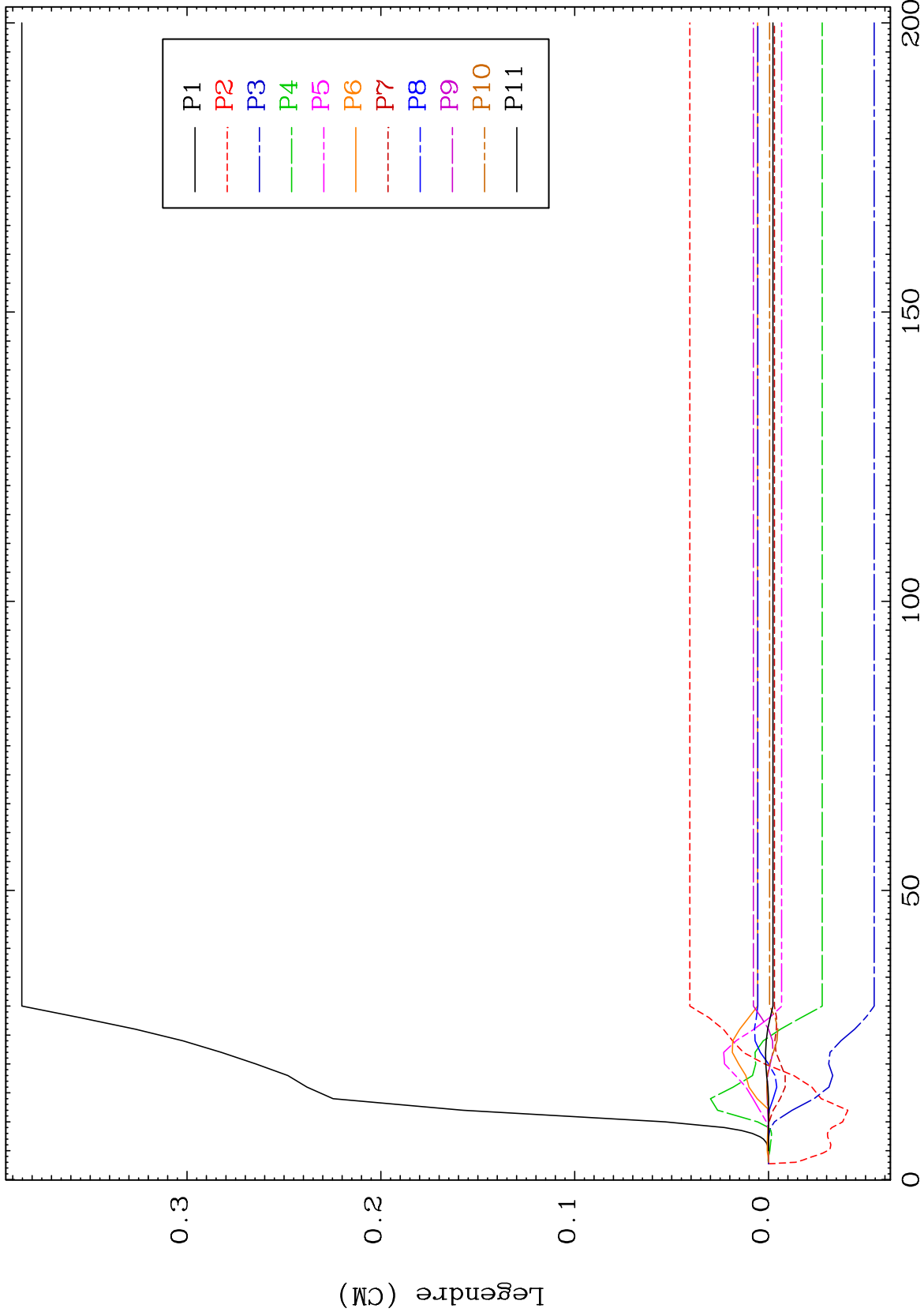




MAT 3258

2.694 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



32-Ge-81

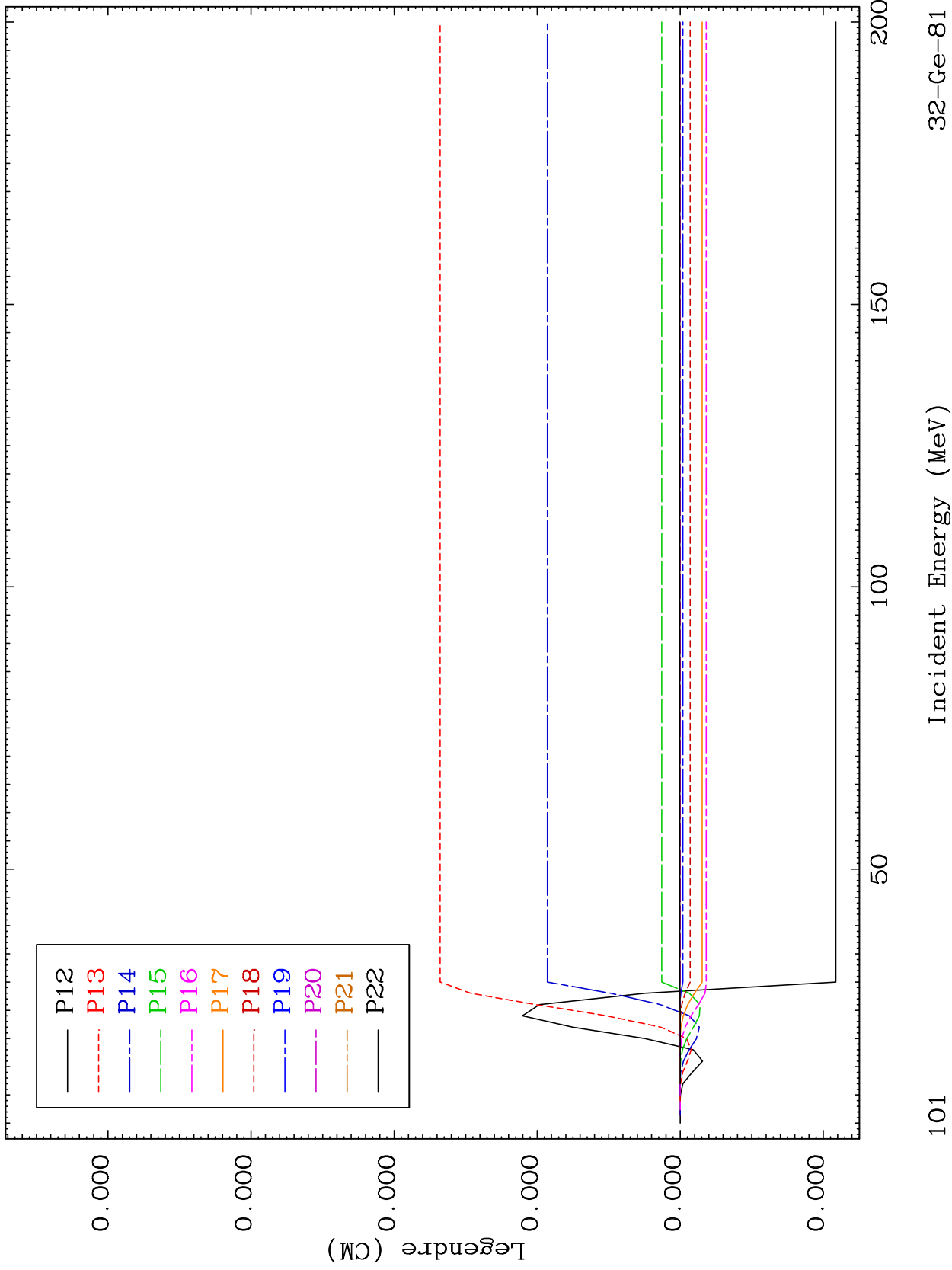
Incident Energy (MeV)

100

MAT 3258

2.694 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



101

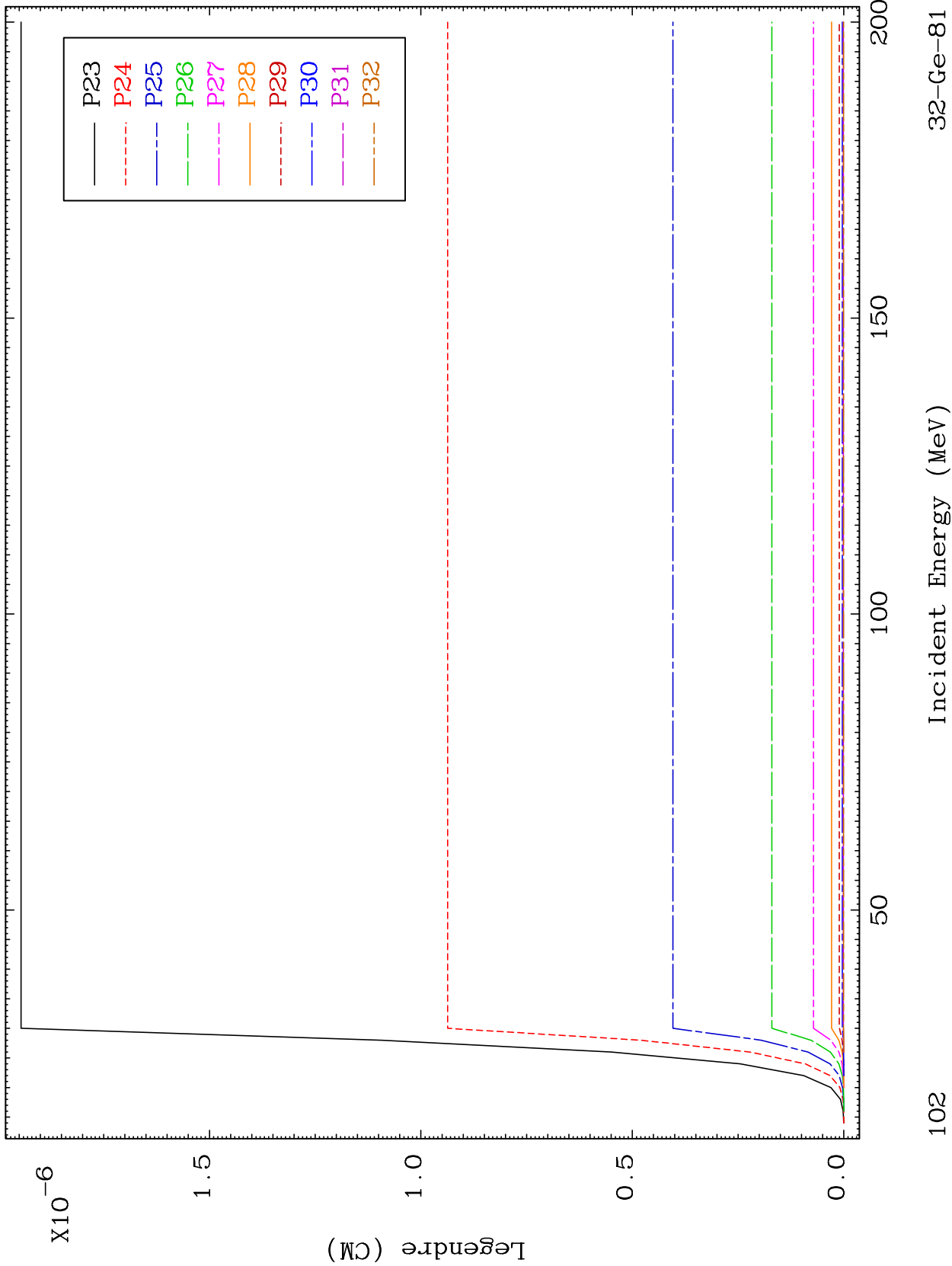
Incident Energy (MeV)

32-Ge-81

MAT 3258

2.694 MeV (n,n') Level
Legendre Coefficients

32-Ge-81

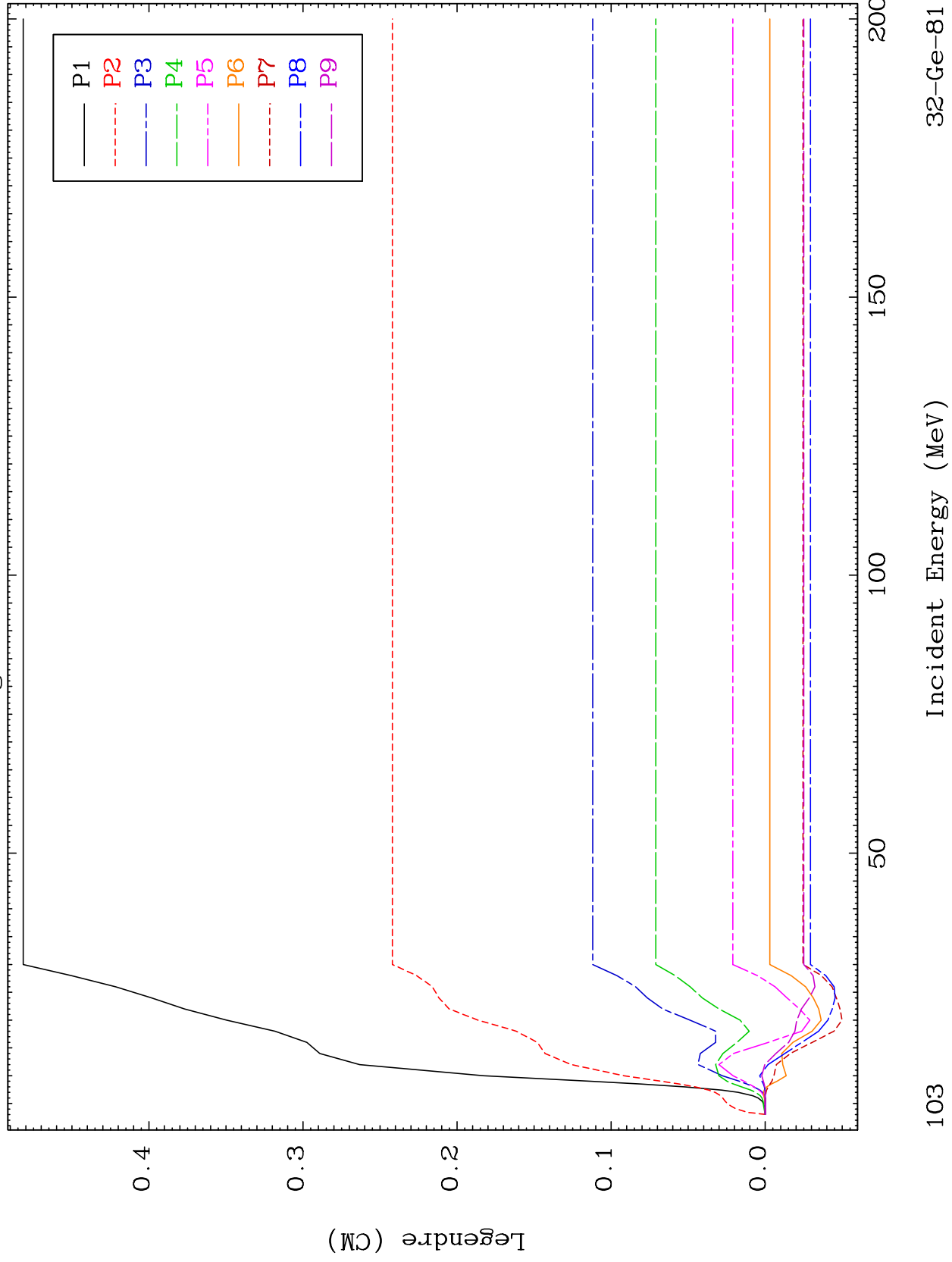


102

MAT 3258

2.997 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



103

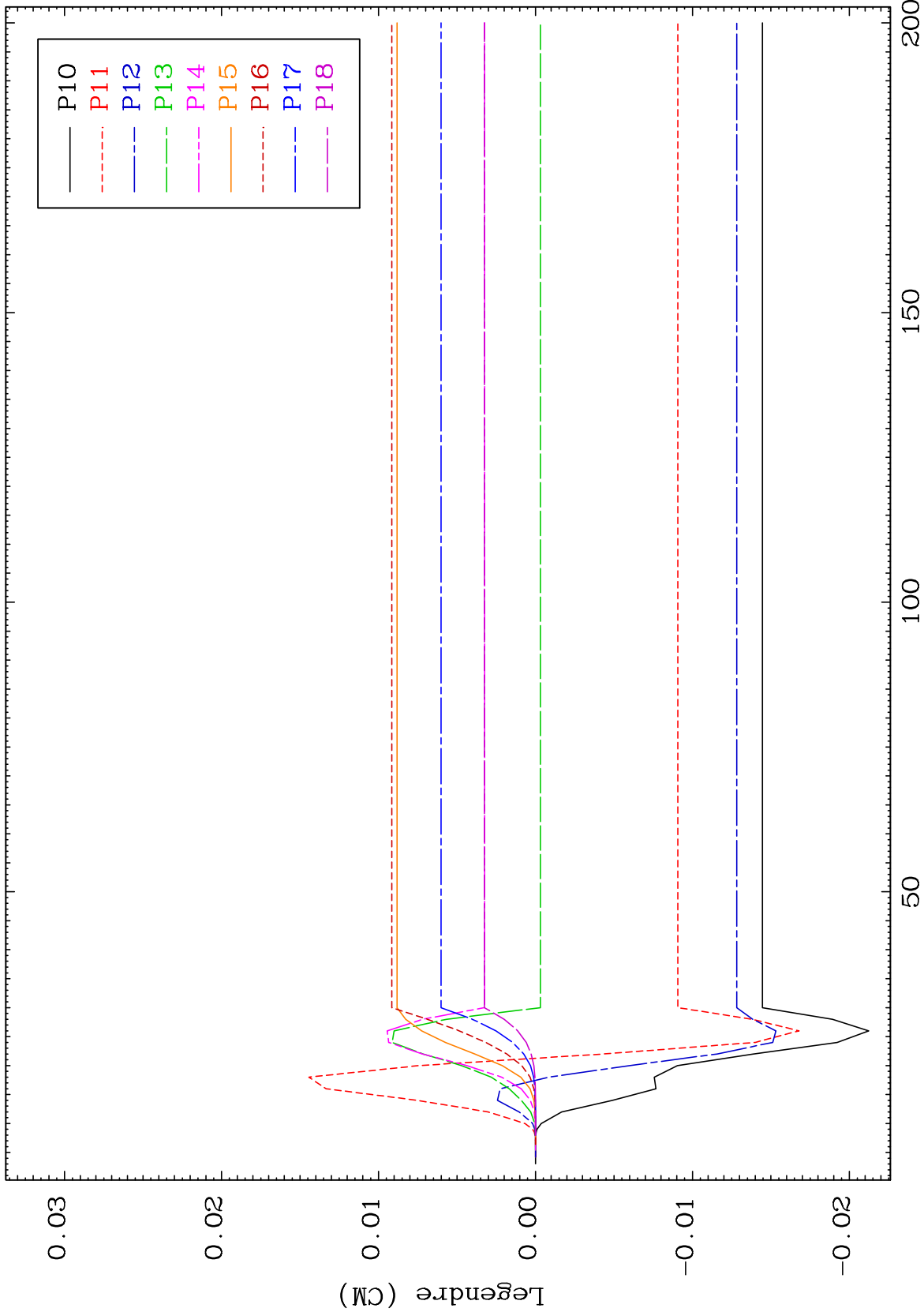
Incident Energy (MeV)

32-Ge-81

MAT 3258

2.997 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



104

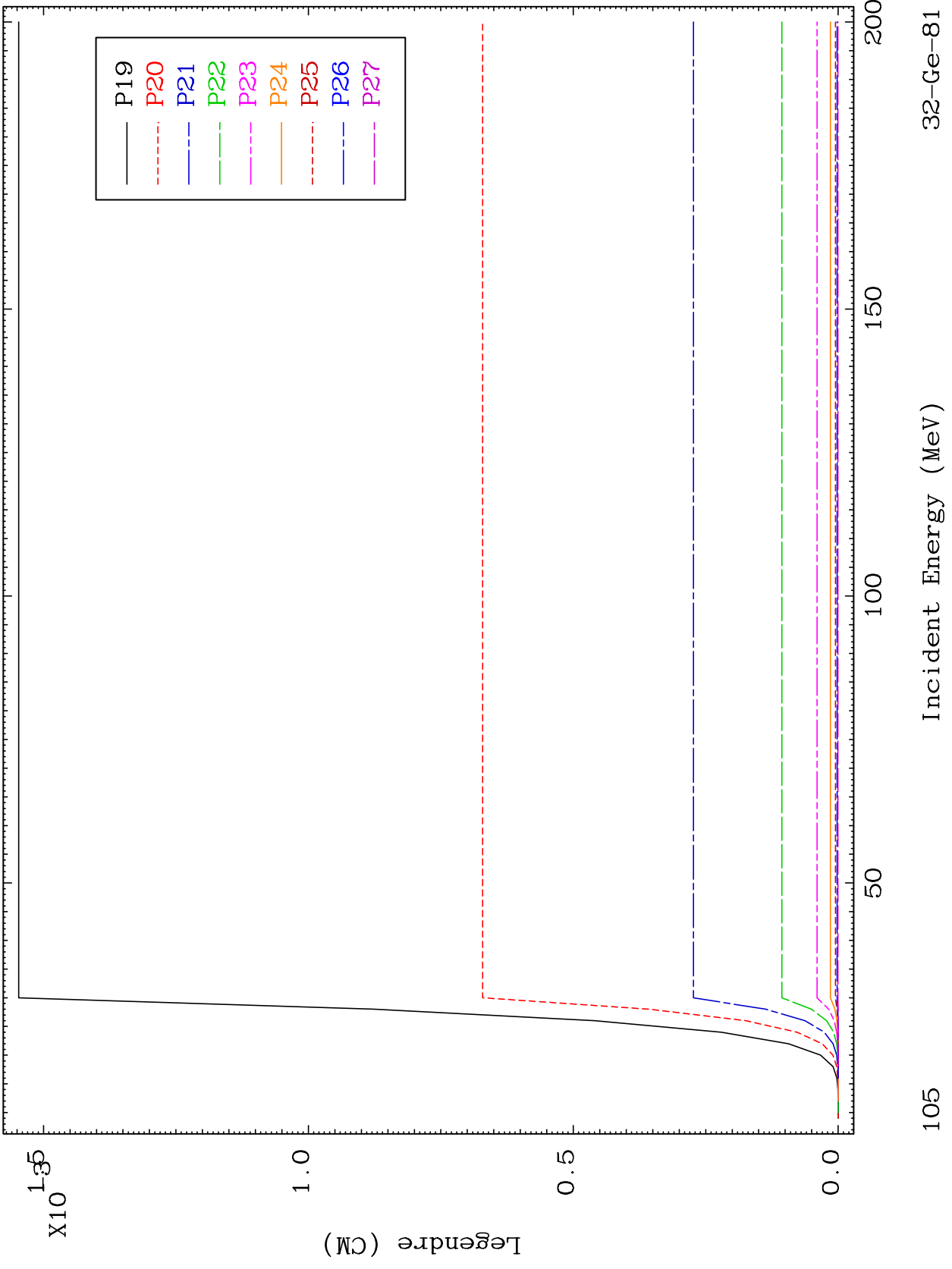
Incident Energy (MeV)

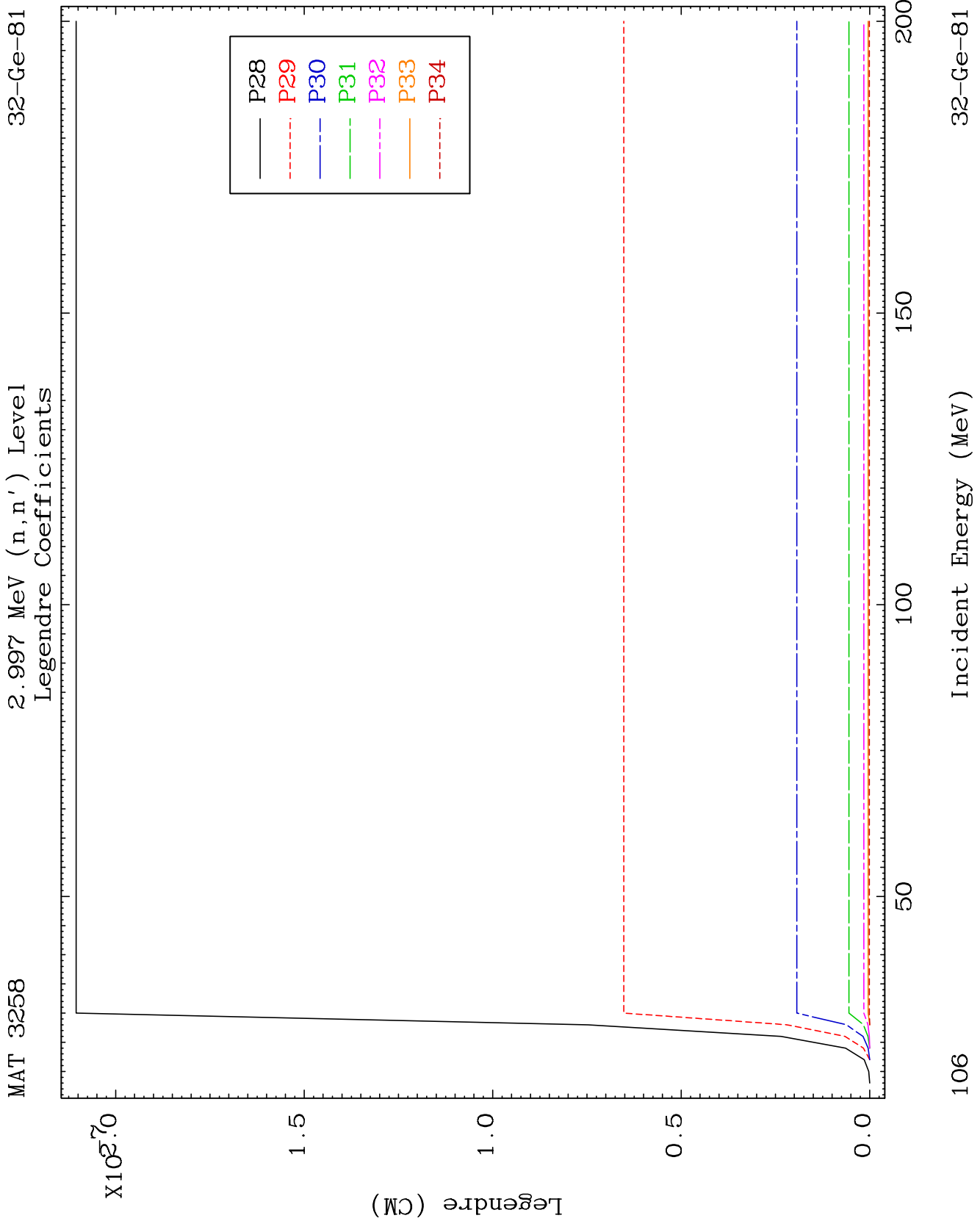
32-Ge-81

MAT 3258

2.997 MeV (n,n') Level
Legendre Coefficients

32-Ge-81

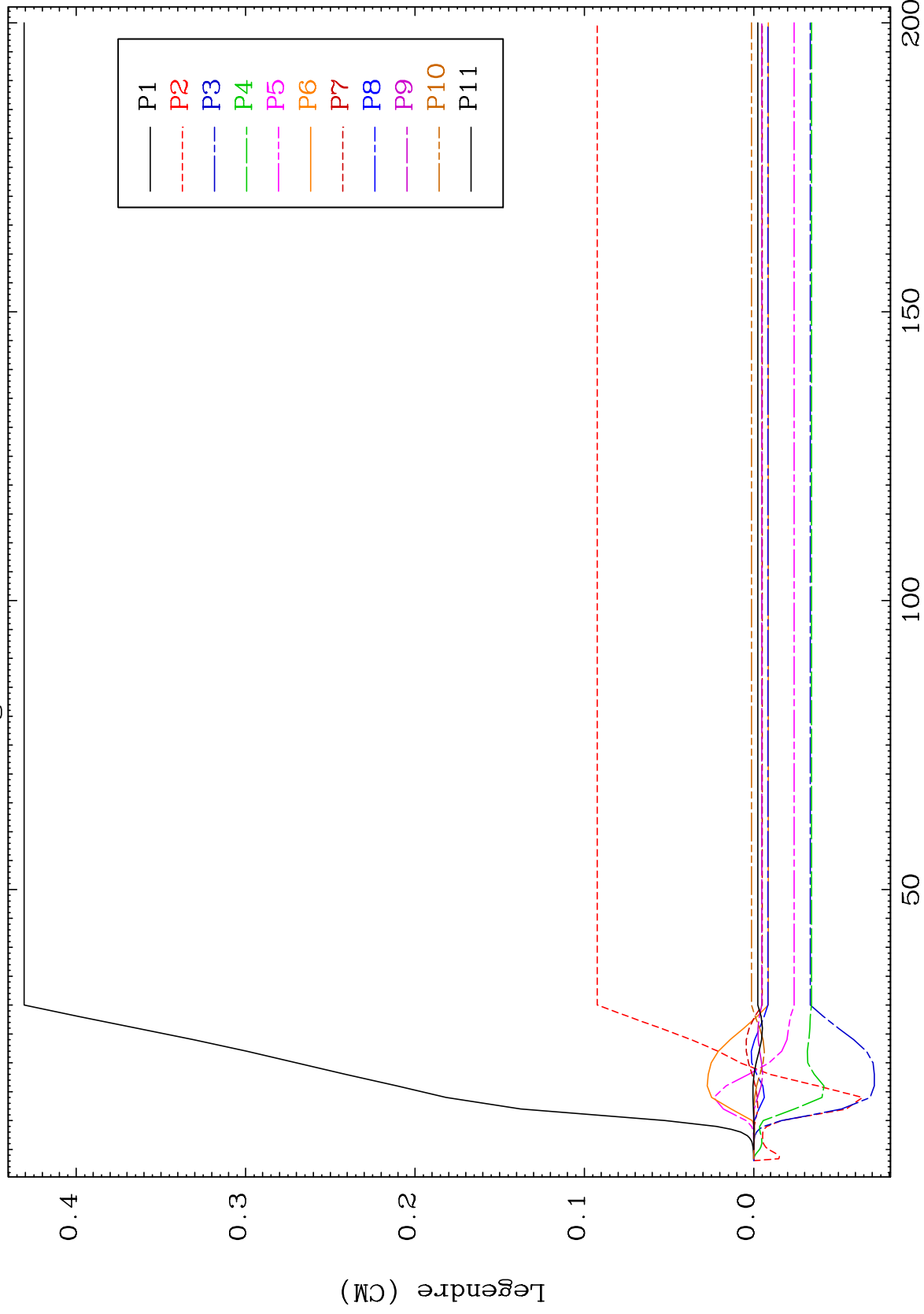




MAT 3258

3.021 MeV (n,n') Level
Legendre Coefficients

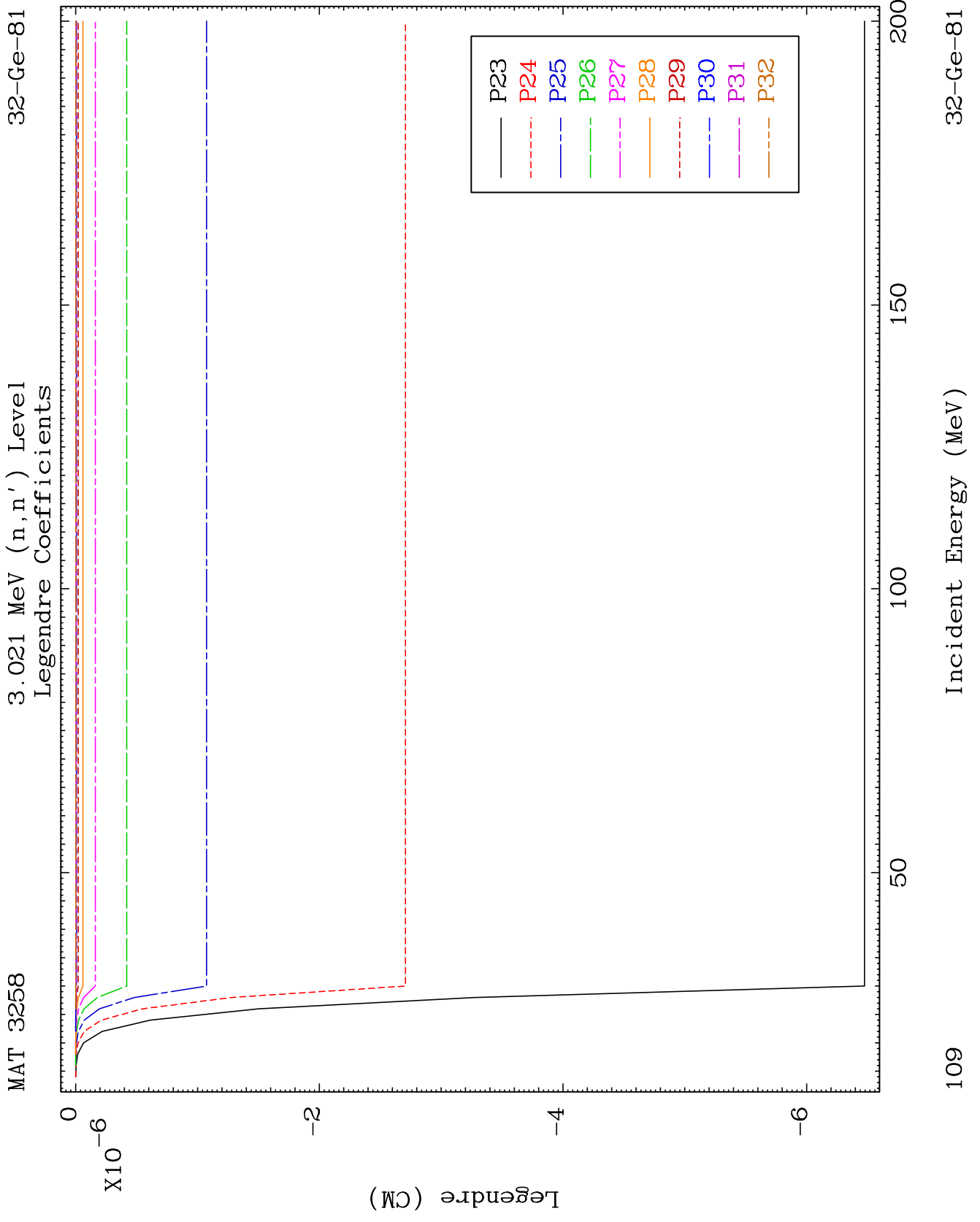
32-Ge-81



107

Incident Energy (MeV)

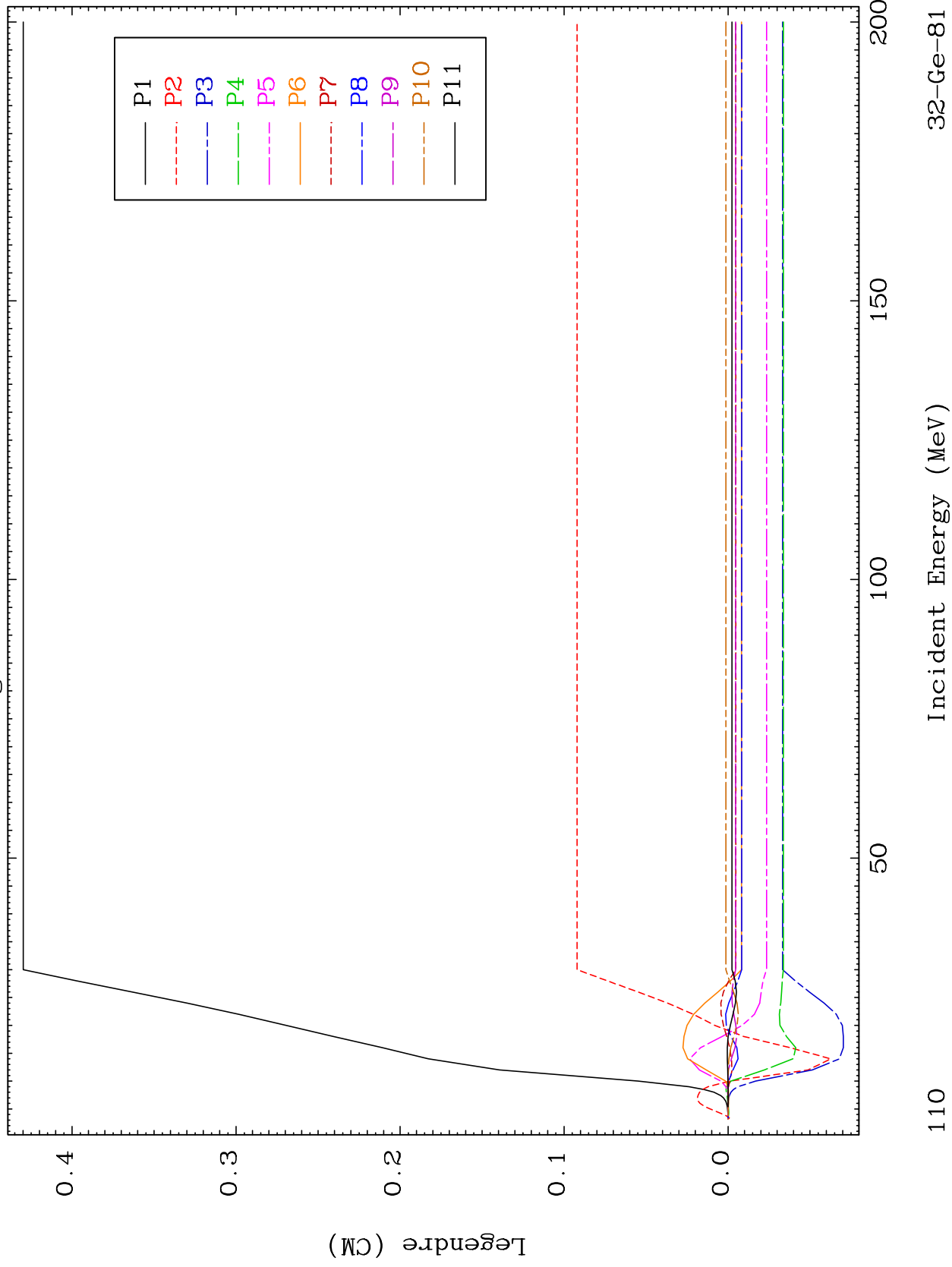
32-Ge-81



MAT 3258

3.129 MeV (n, n') Level
Legendre Coefficients

32-Ge-81



110

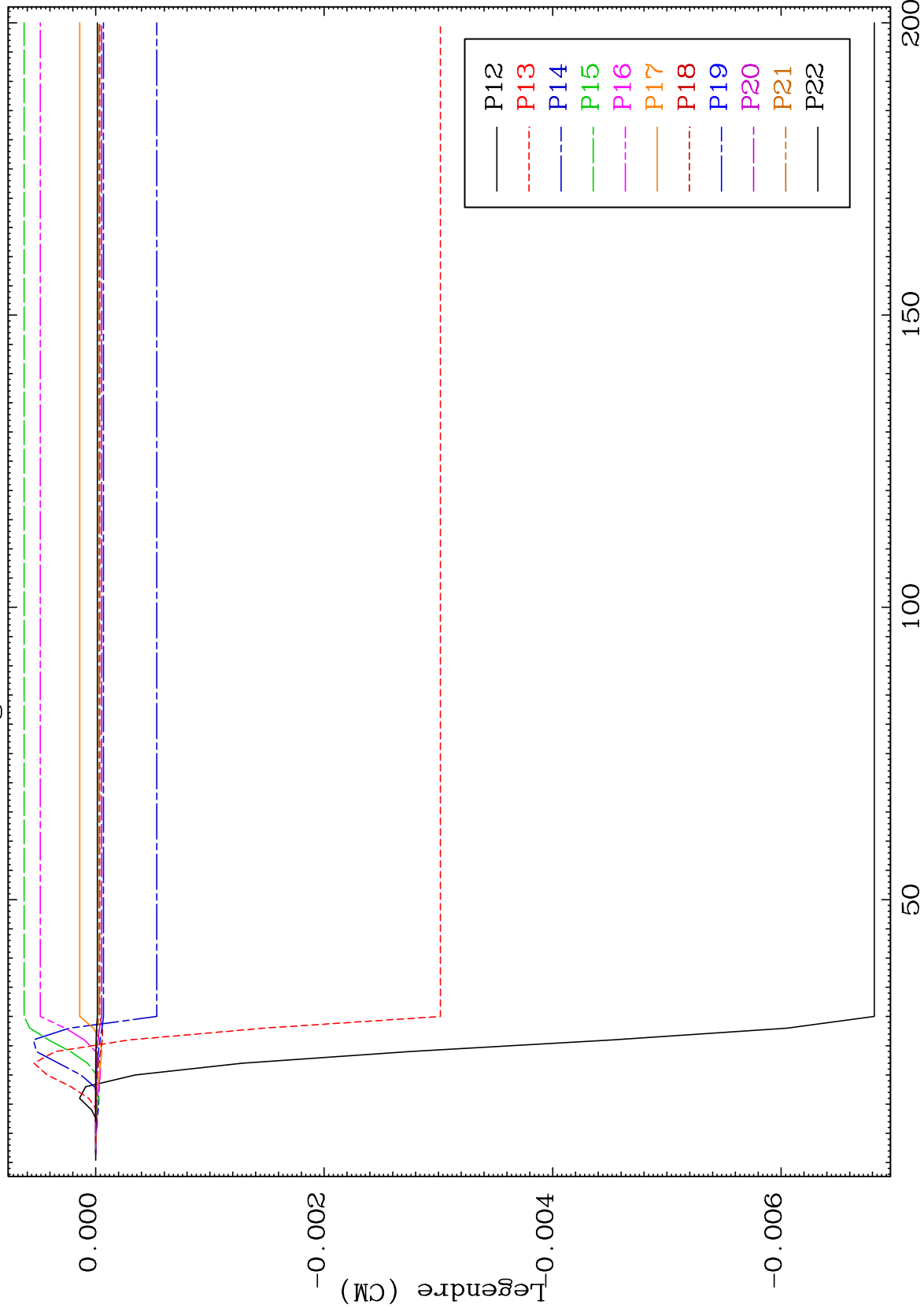
Incident Energy (MeV)

32-Ge-81

MAT 3258

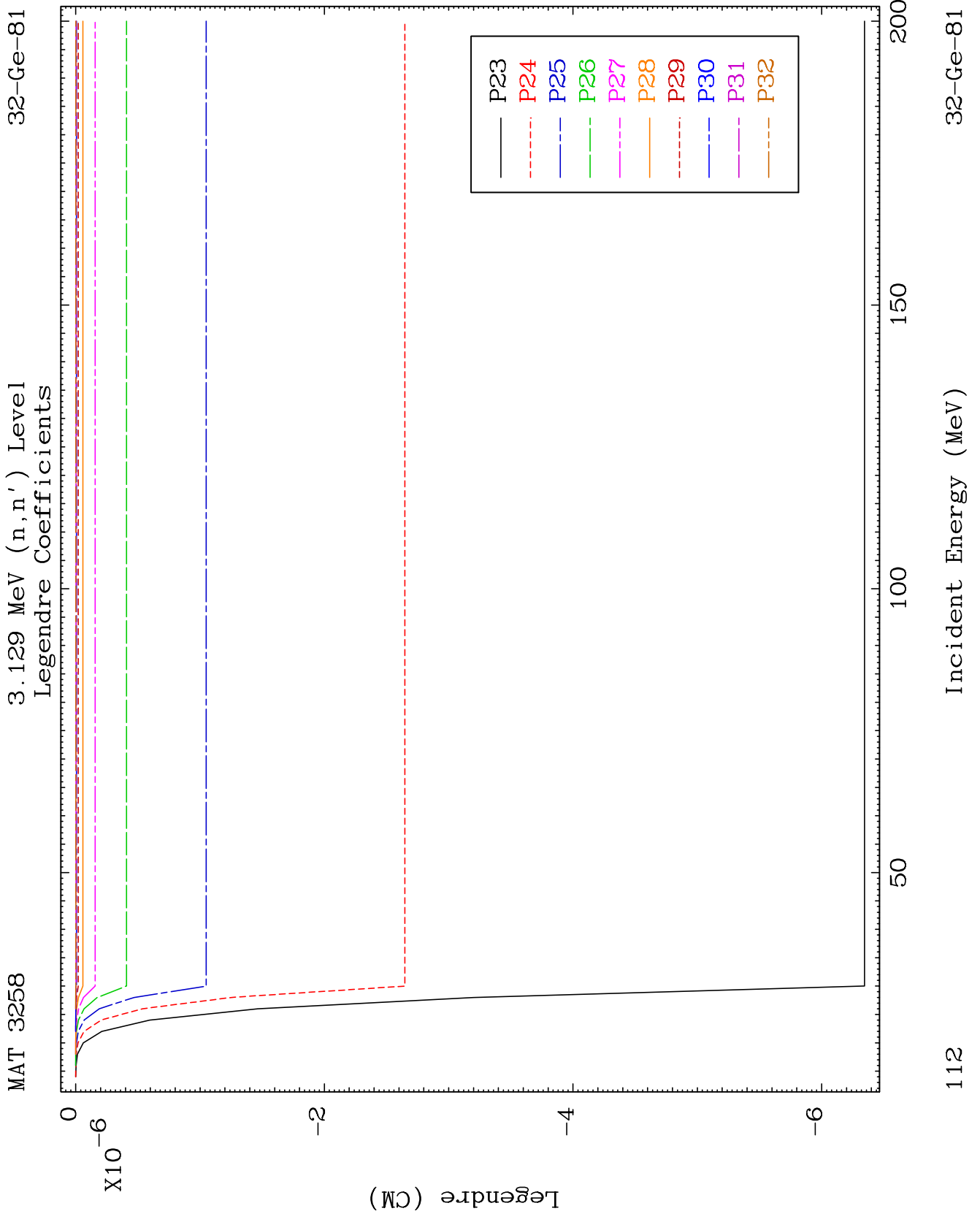
3.129 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



111

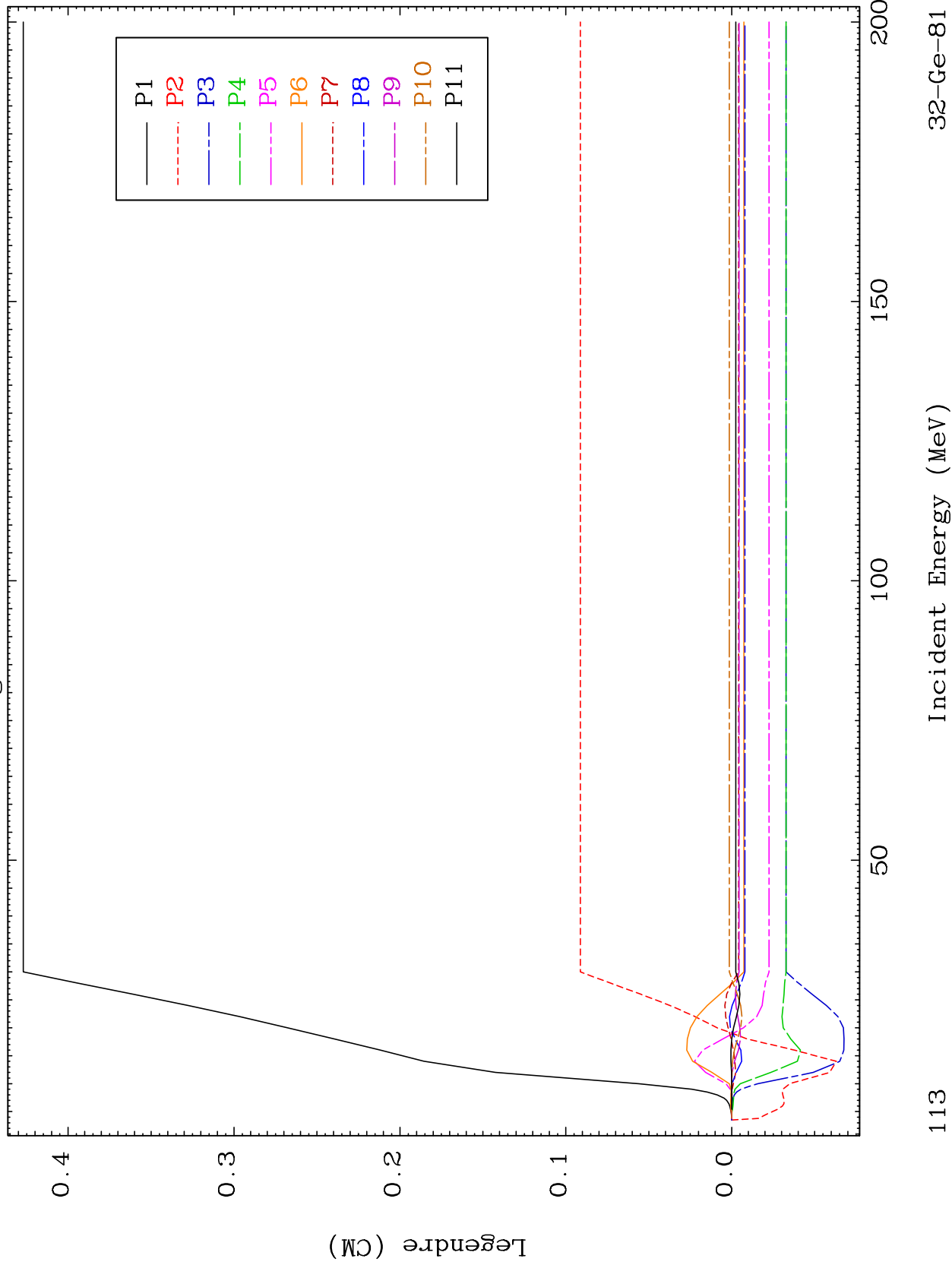
32-Ge-81



MAT 3258

3.437 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



113

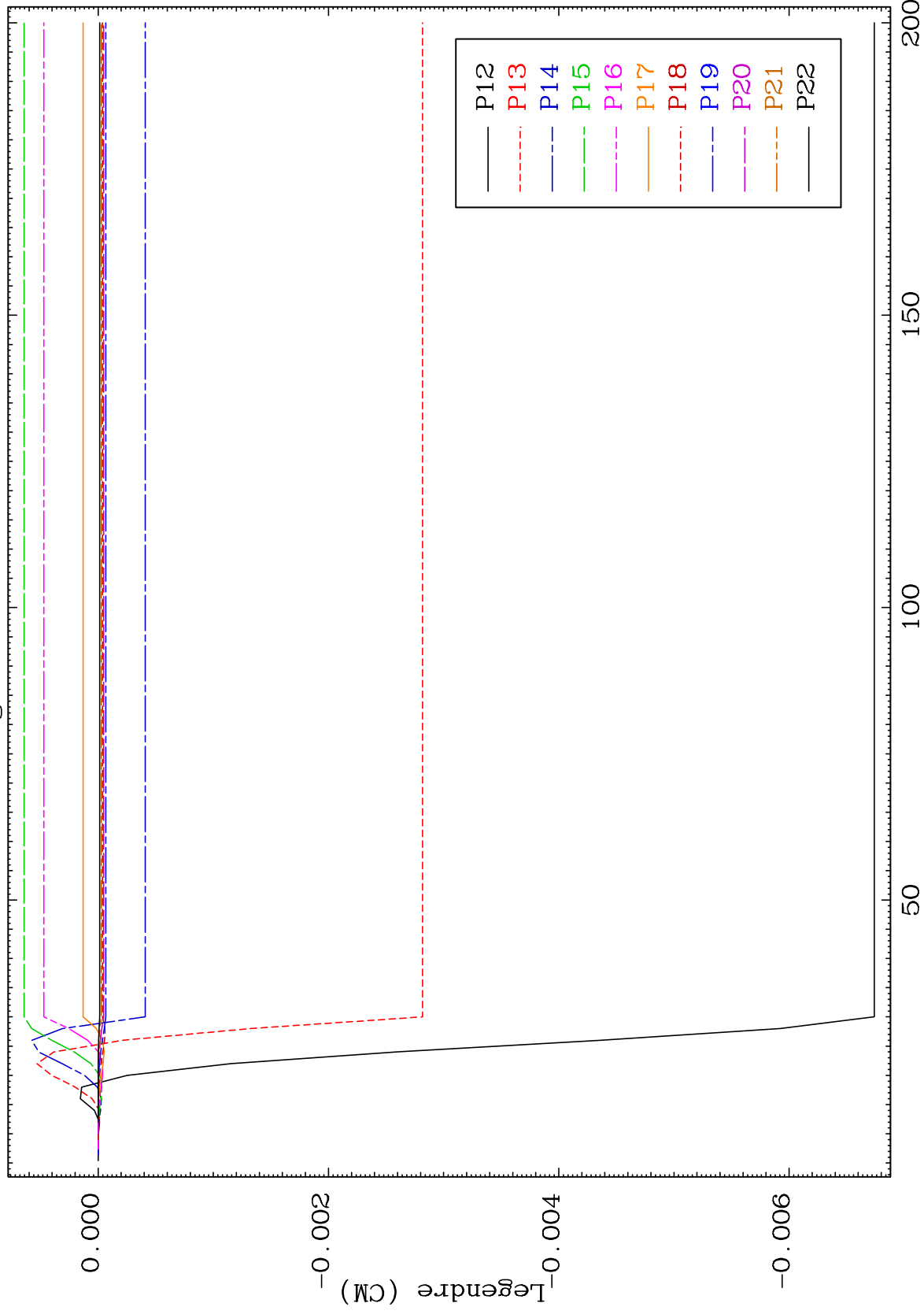
Incident Energy (MeV)

32-Ge-81

MAT 3258

3.437 MeV (n, n') Level
Legendre Coefficients

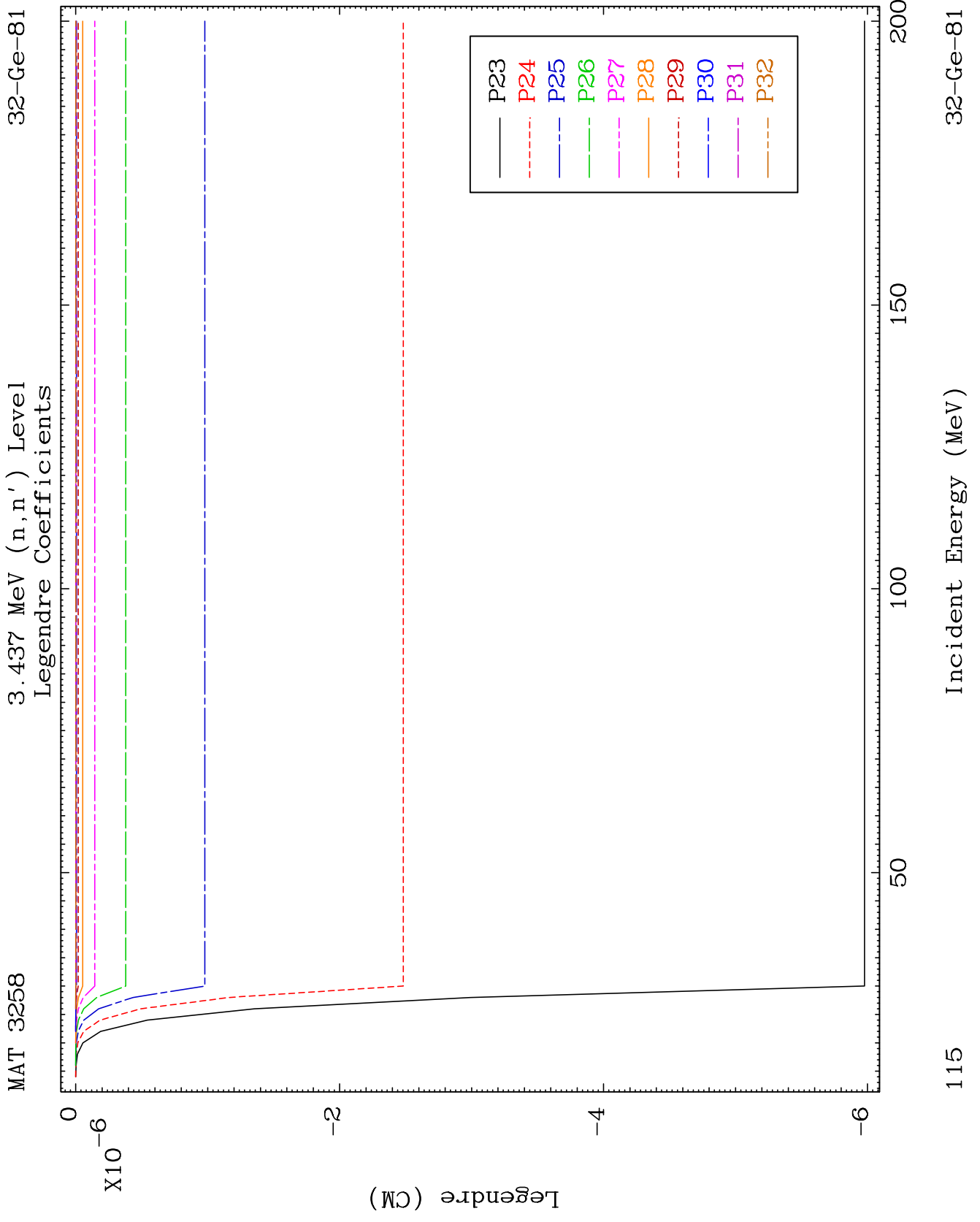
32-Ge-81

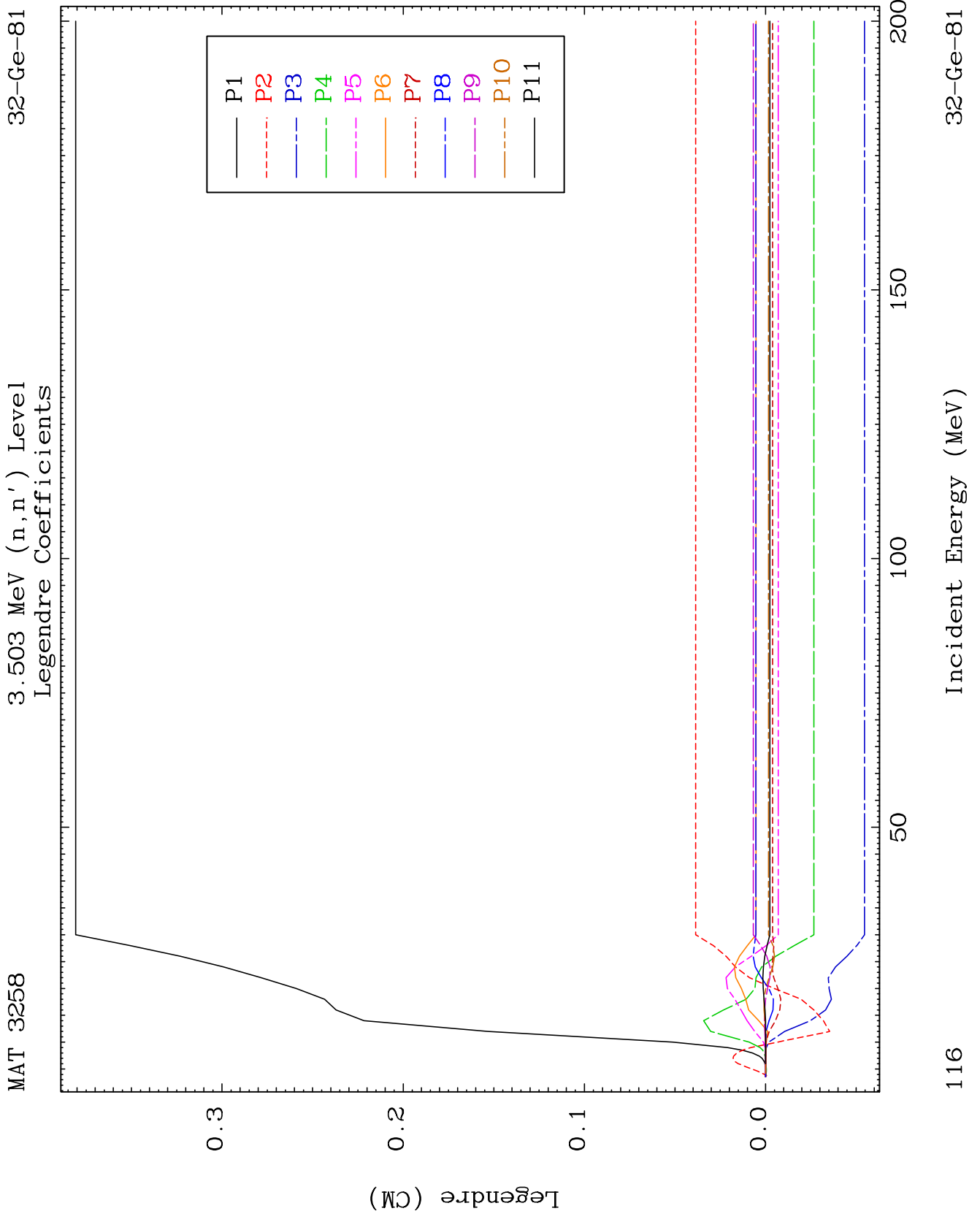


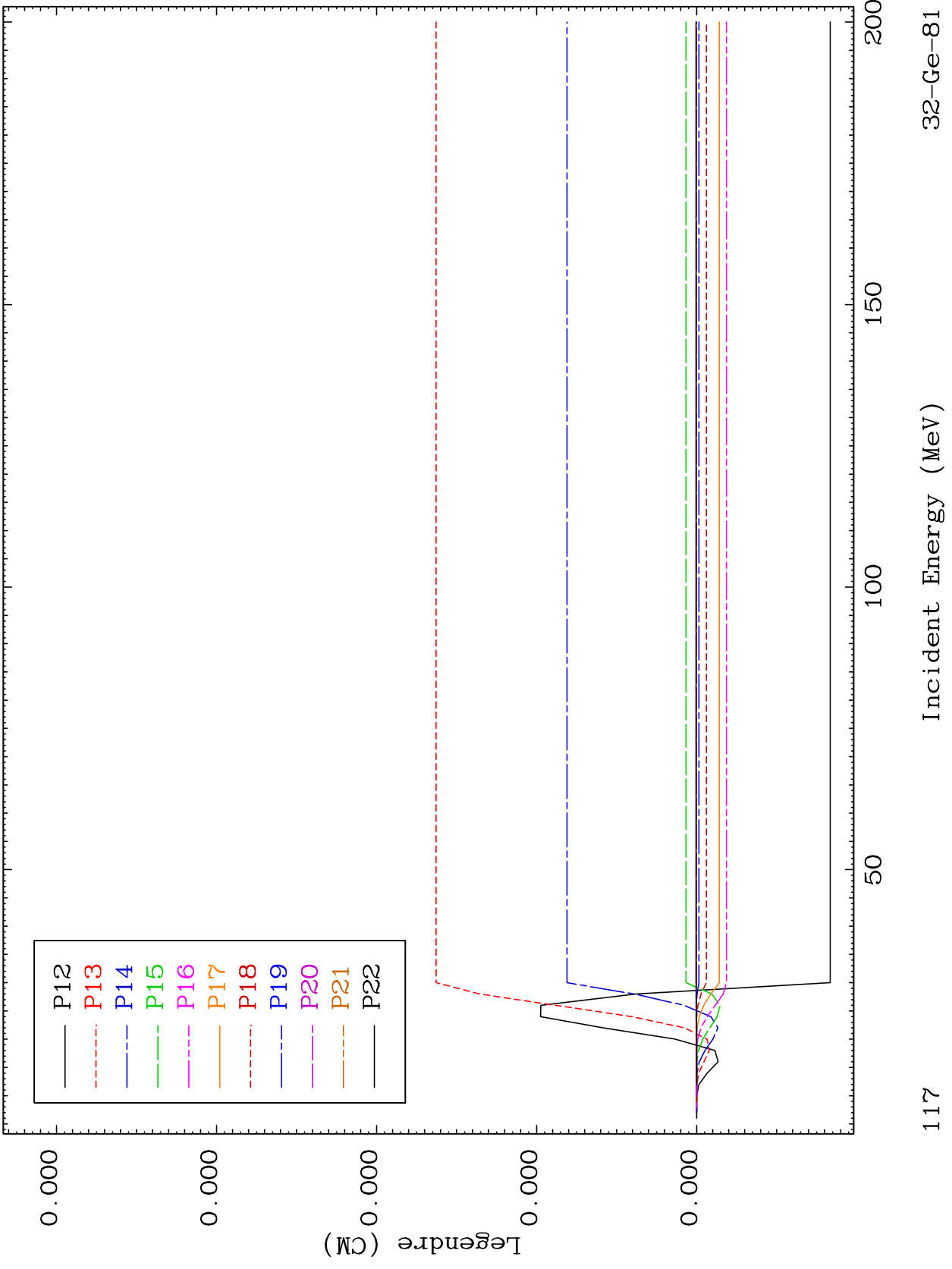
114

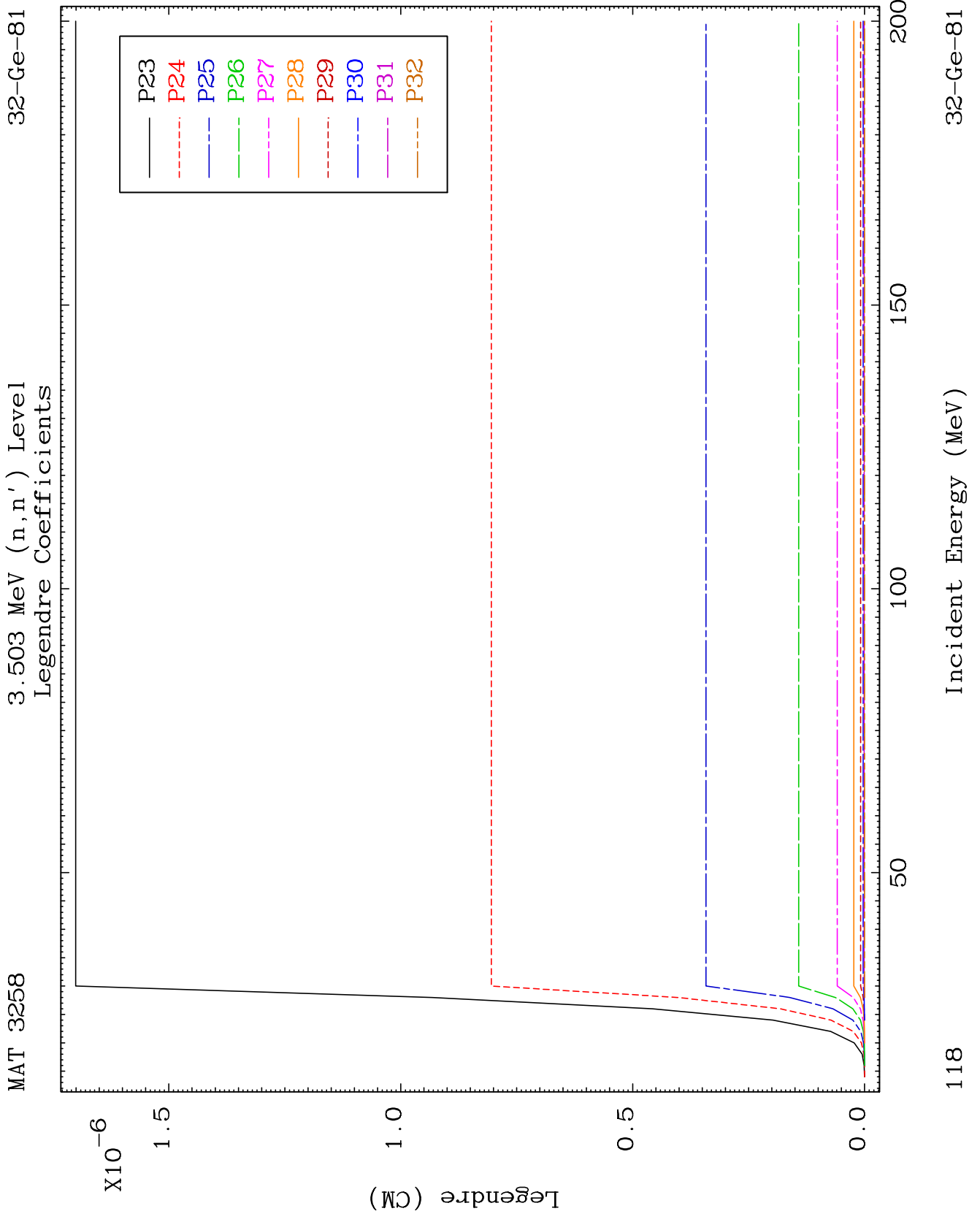
Incident Energy (MeV)

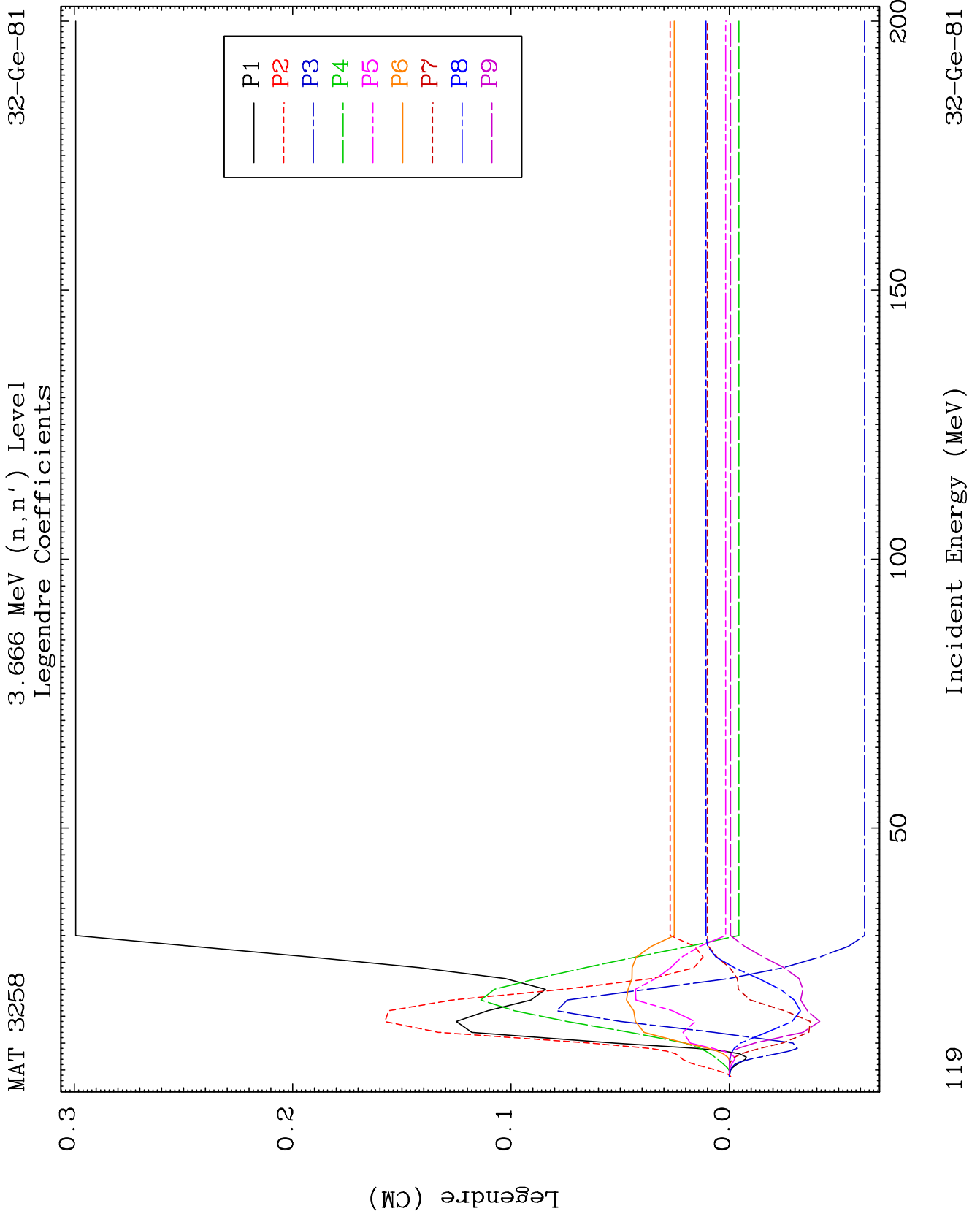
32-Ge-81







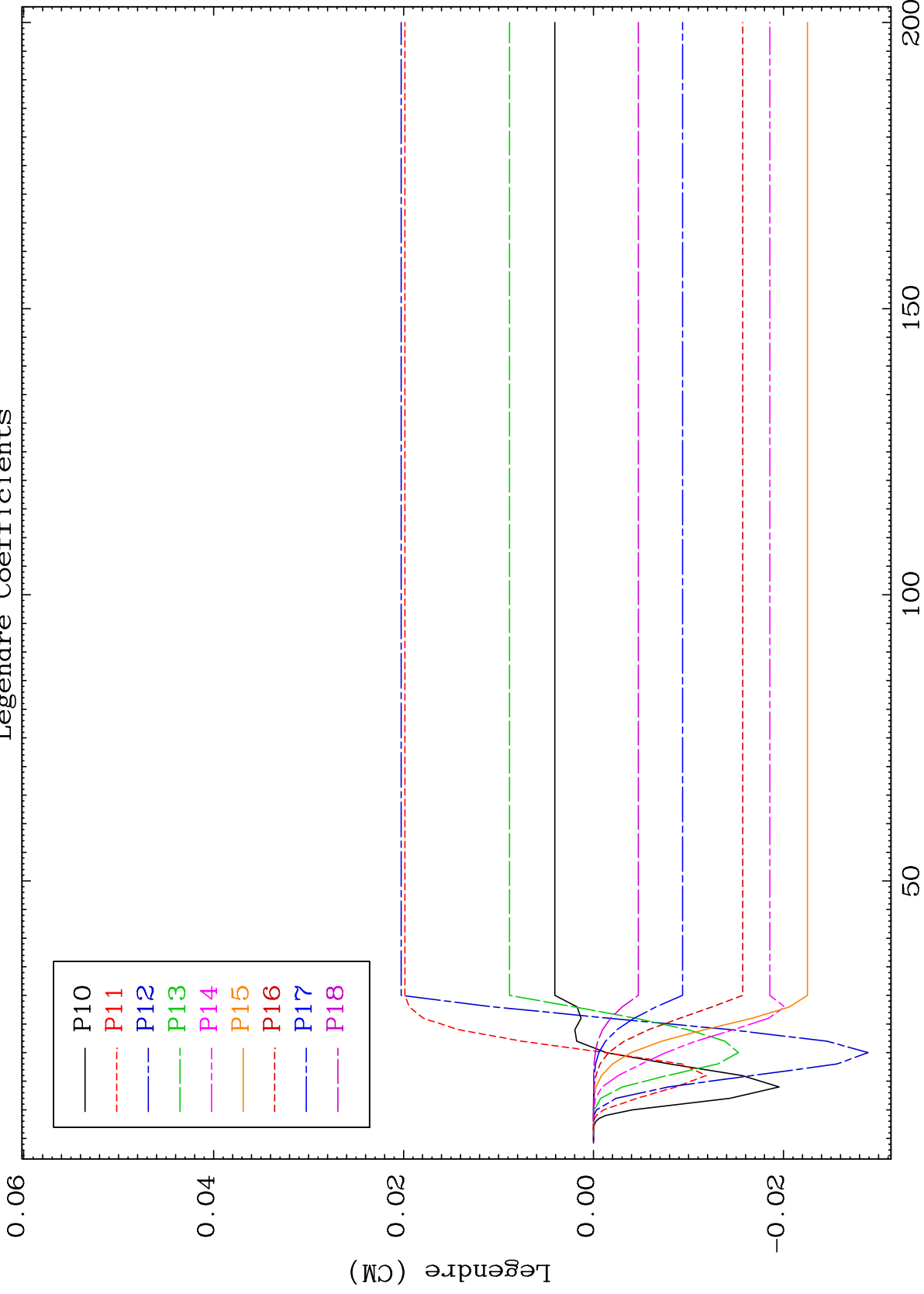




MAT 3258

3.666 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



120

Incident Energy (MeV)

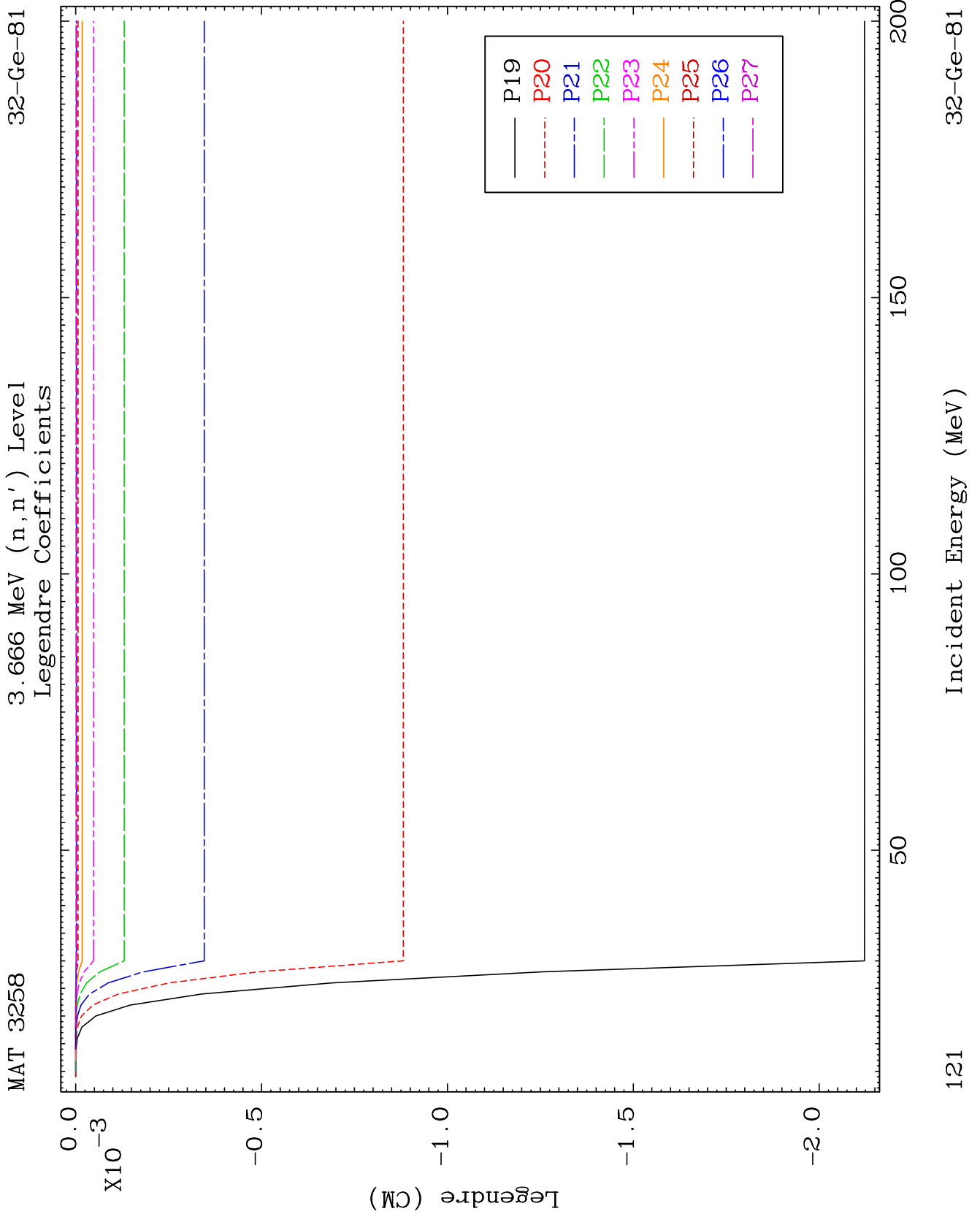
50

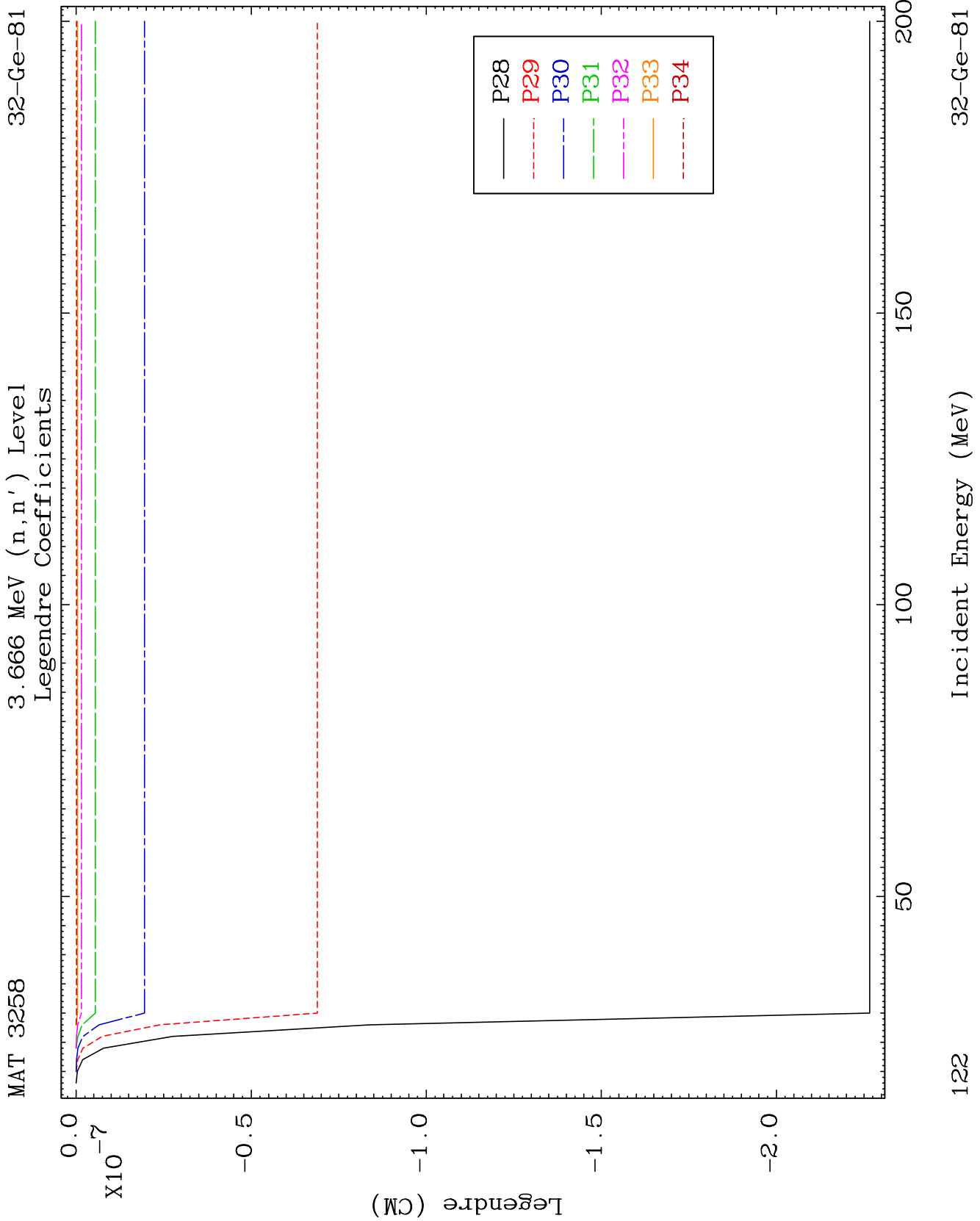
100

150

200

32-Ge-81

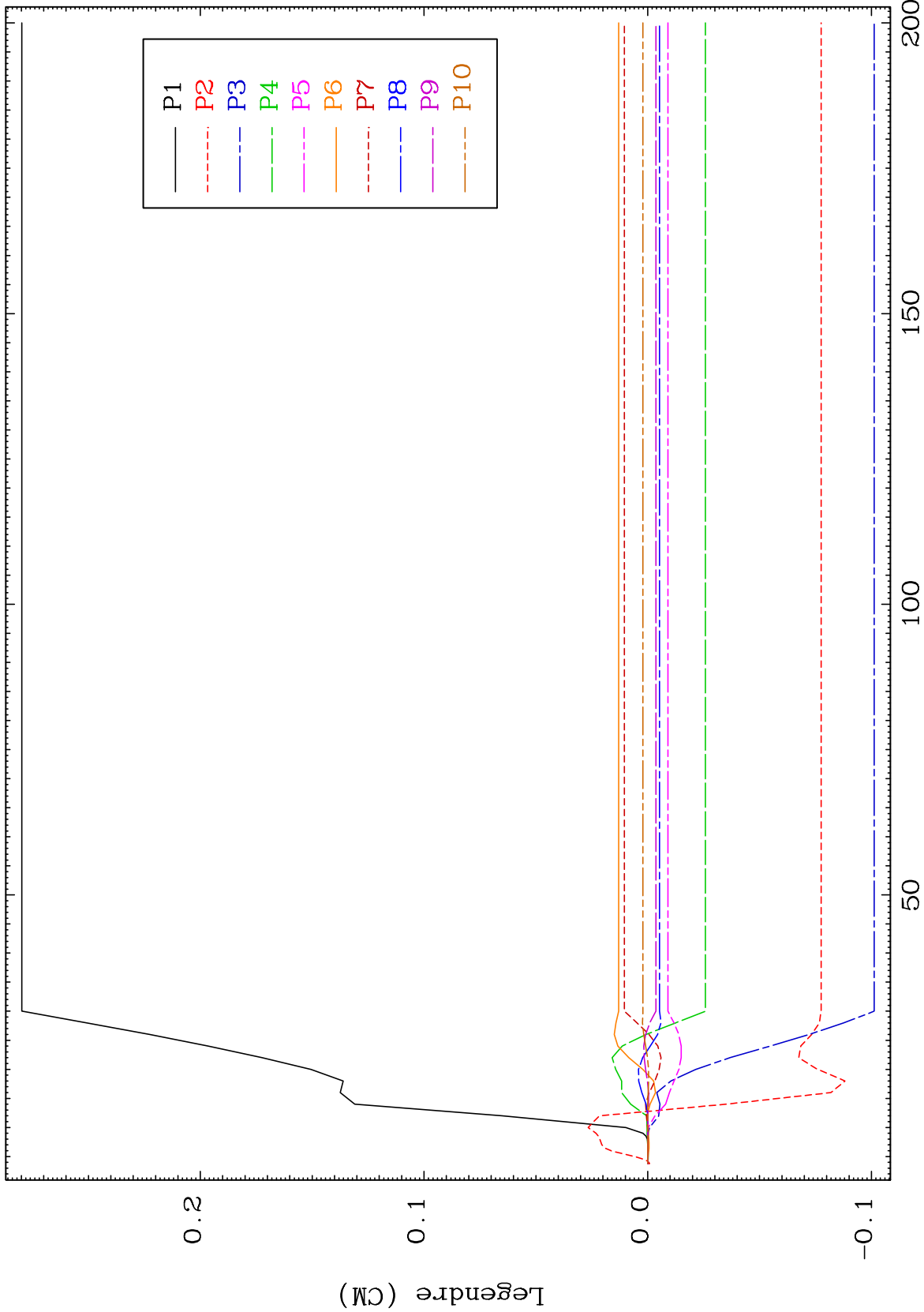




MAT 3258

3.698 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



123

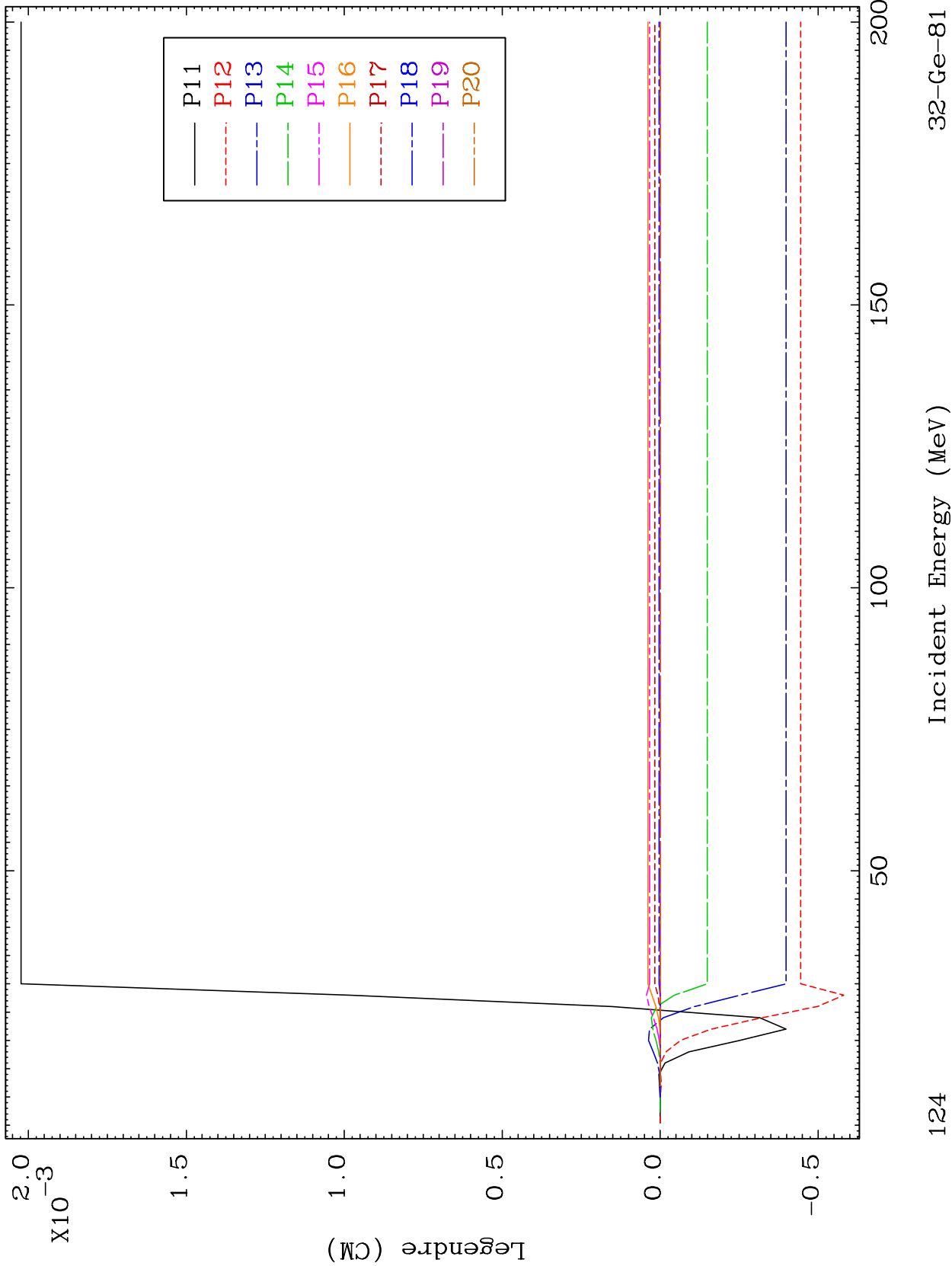
Incident Energy (MeV)

32-Ge-81

MAT 3258

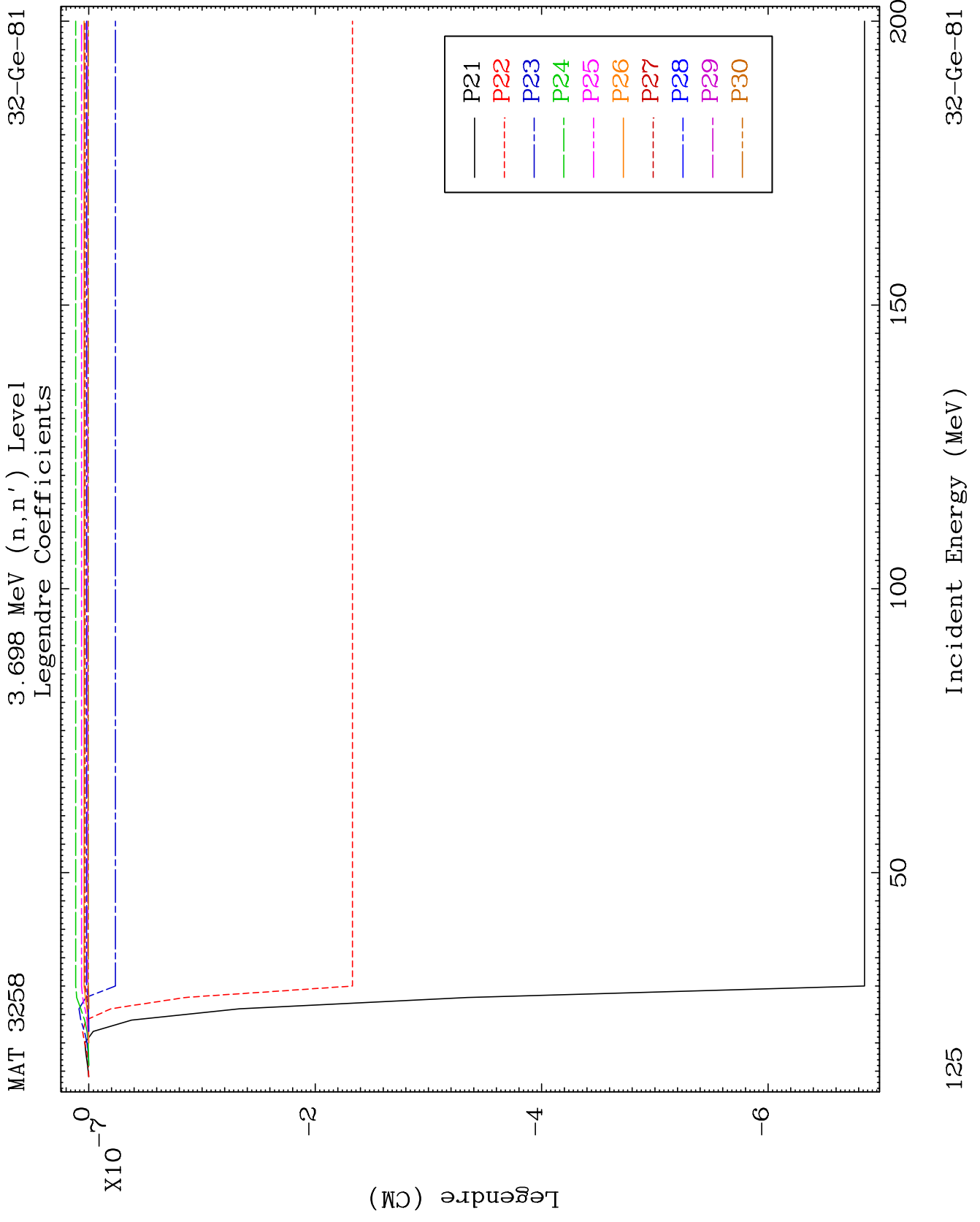
3.698 MeV (n,n') Level
Legendre Coefficients

32-Ge-81



124

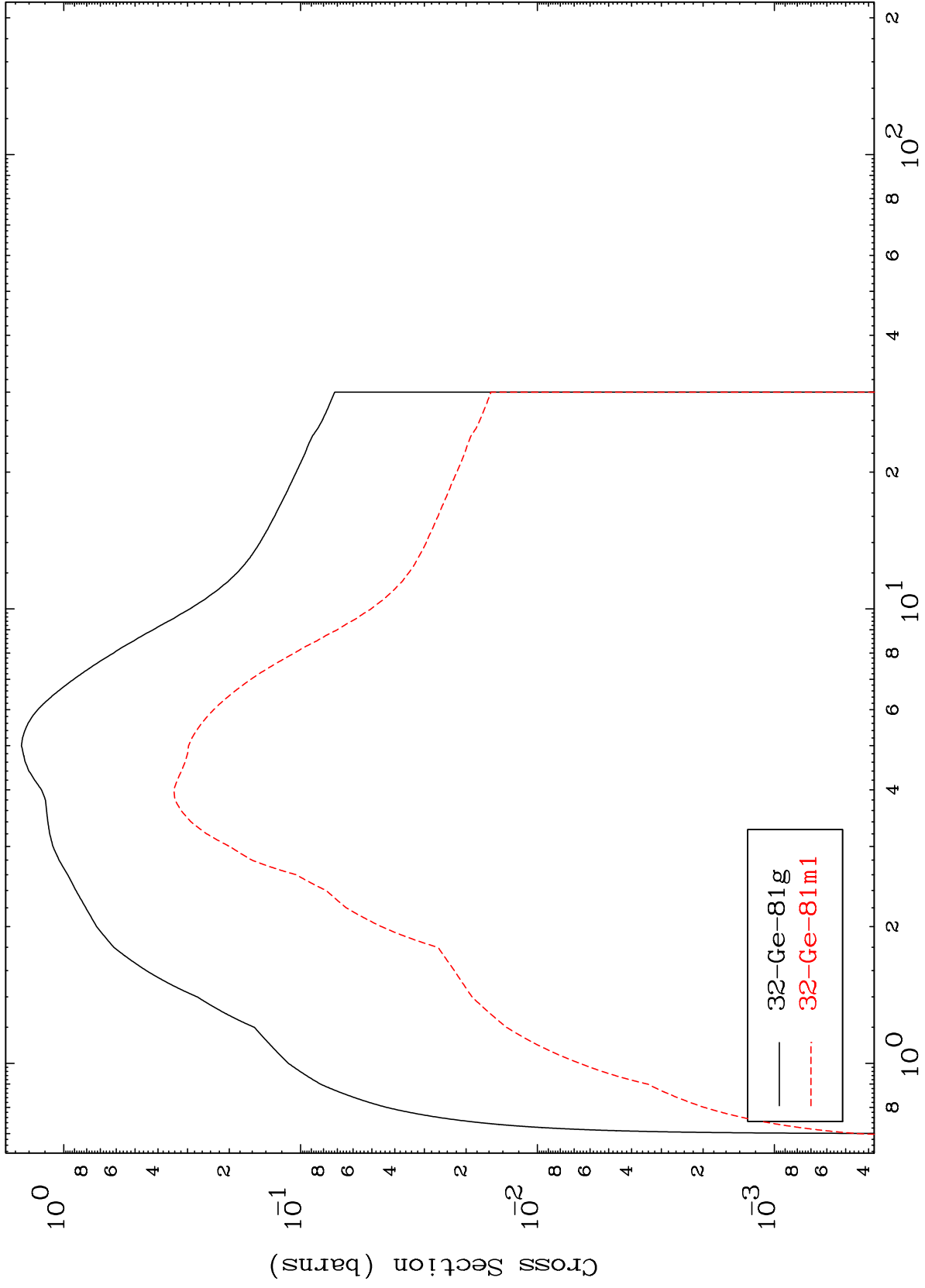
32-Ge-81



MAT 3258

³²Ge-81

Inelastic
Radionuclide Production Cross Section



126

Incident Energy (MeV)

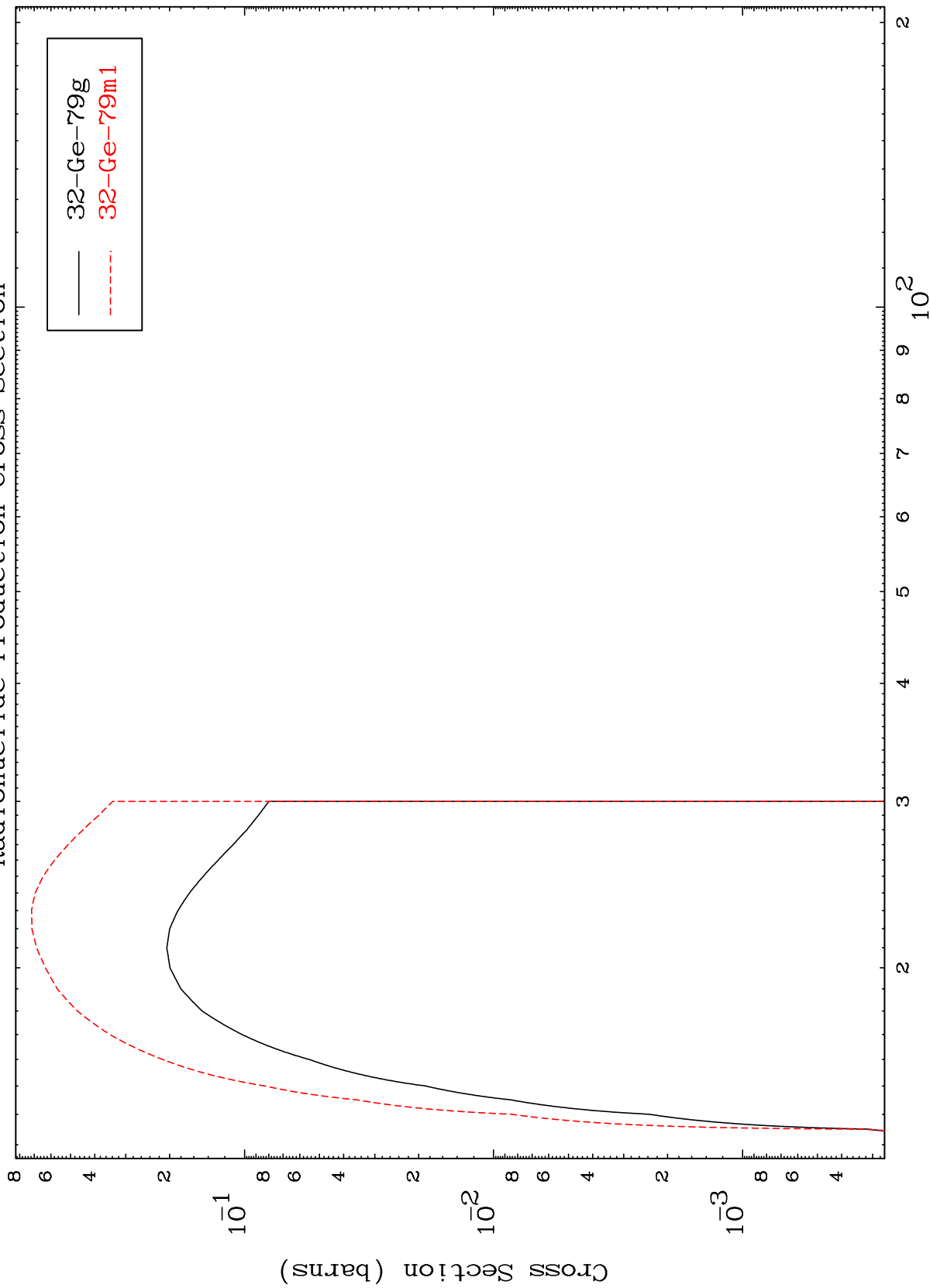
³²Ge-81

MAT 3258

³²Ge-81

(n,3n)

Radionuclide Production Cross Section



127

Incident Energy (MeV)

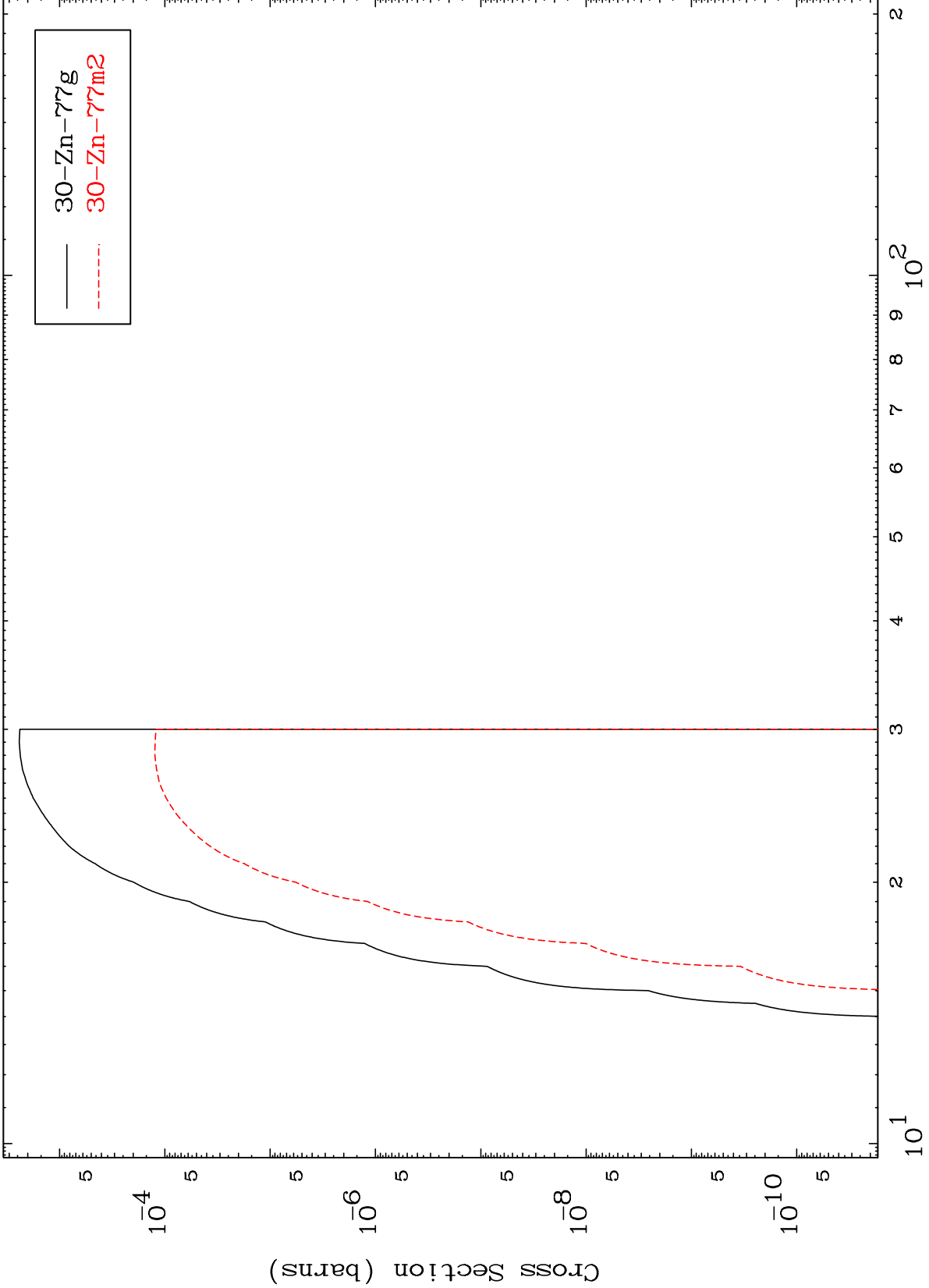
³²Ge-81

MAT 3258

(n, n') α

$^{32}\text{Ge-81}$

Radionuclide Production Cross Section



128

Incident Energy (MeV)

$^{32}\text{Ge-81}$