

Program EVALPLOT
(Version 2015-2)

by

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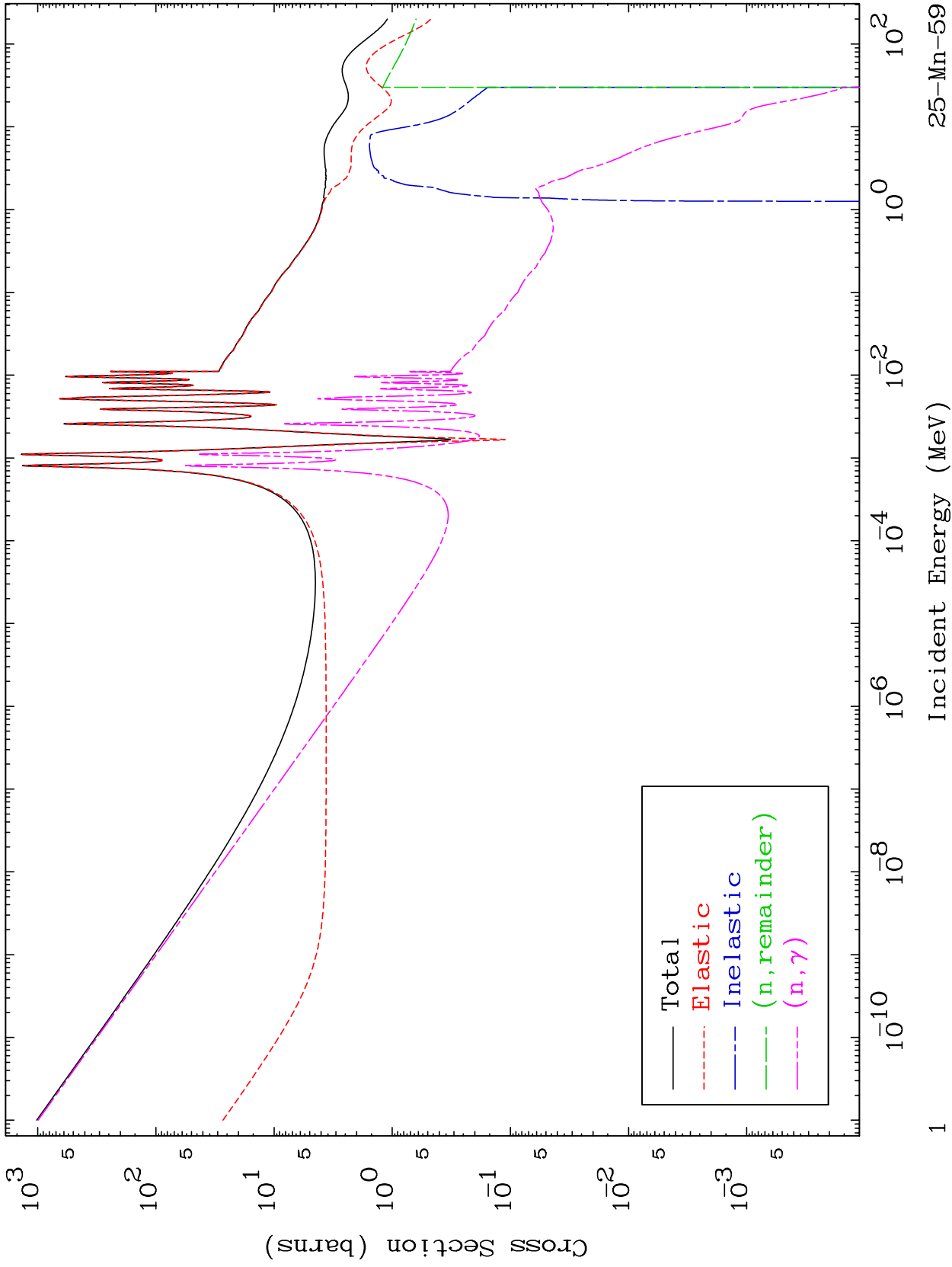
Press Mouse Button to Start

MAT 2537

Major

293 Kelvin Cross Sections

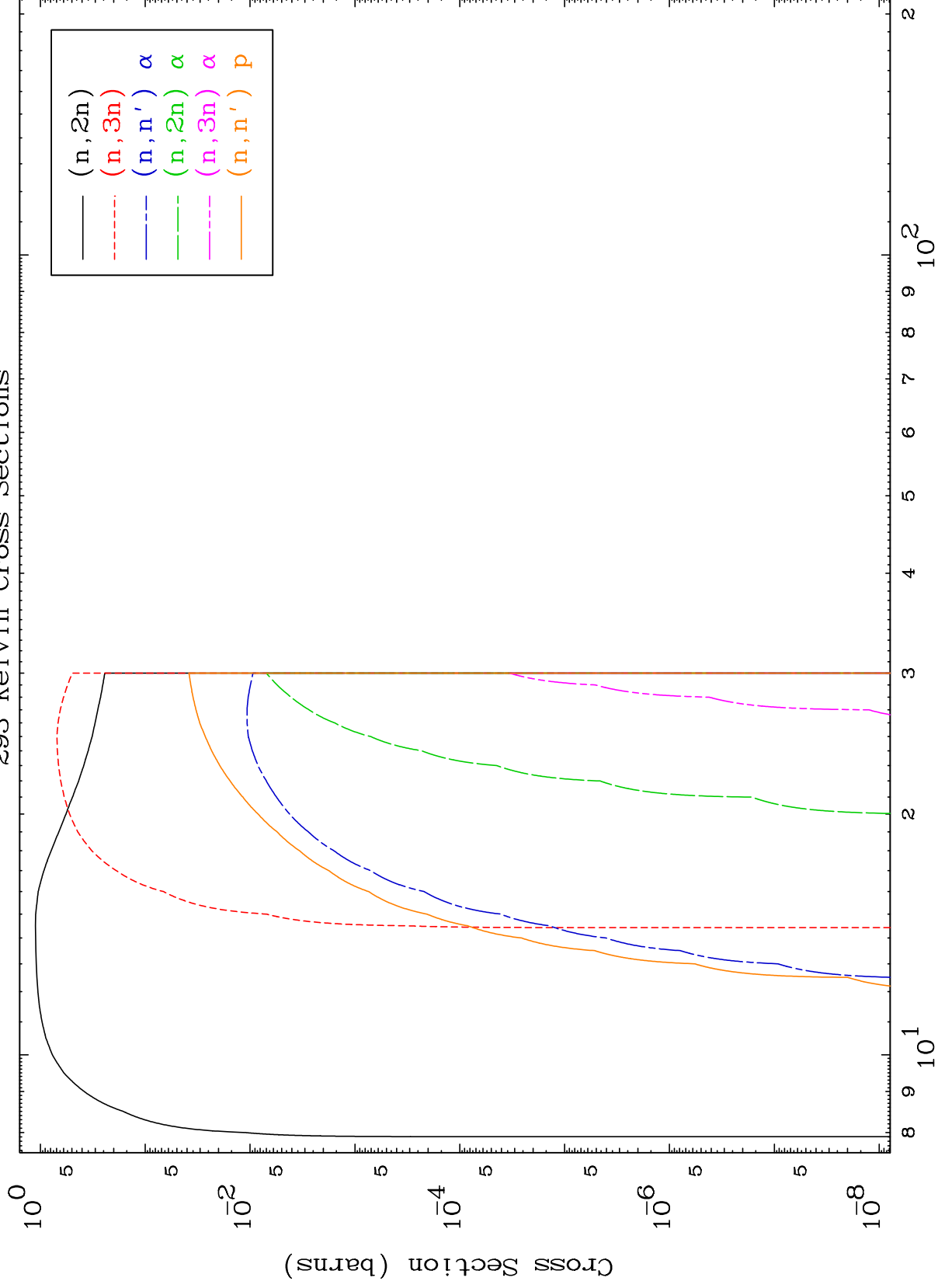
25-Mn-59



MAT 2537

Neutron Production
293 Kelvin Cross Sections

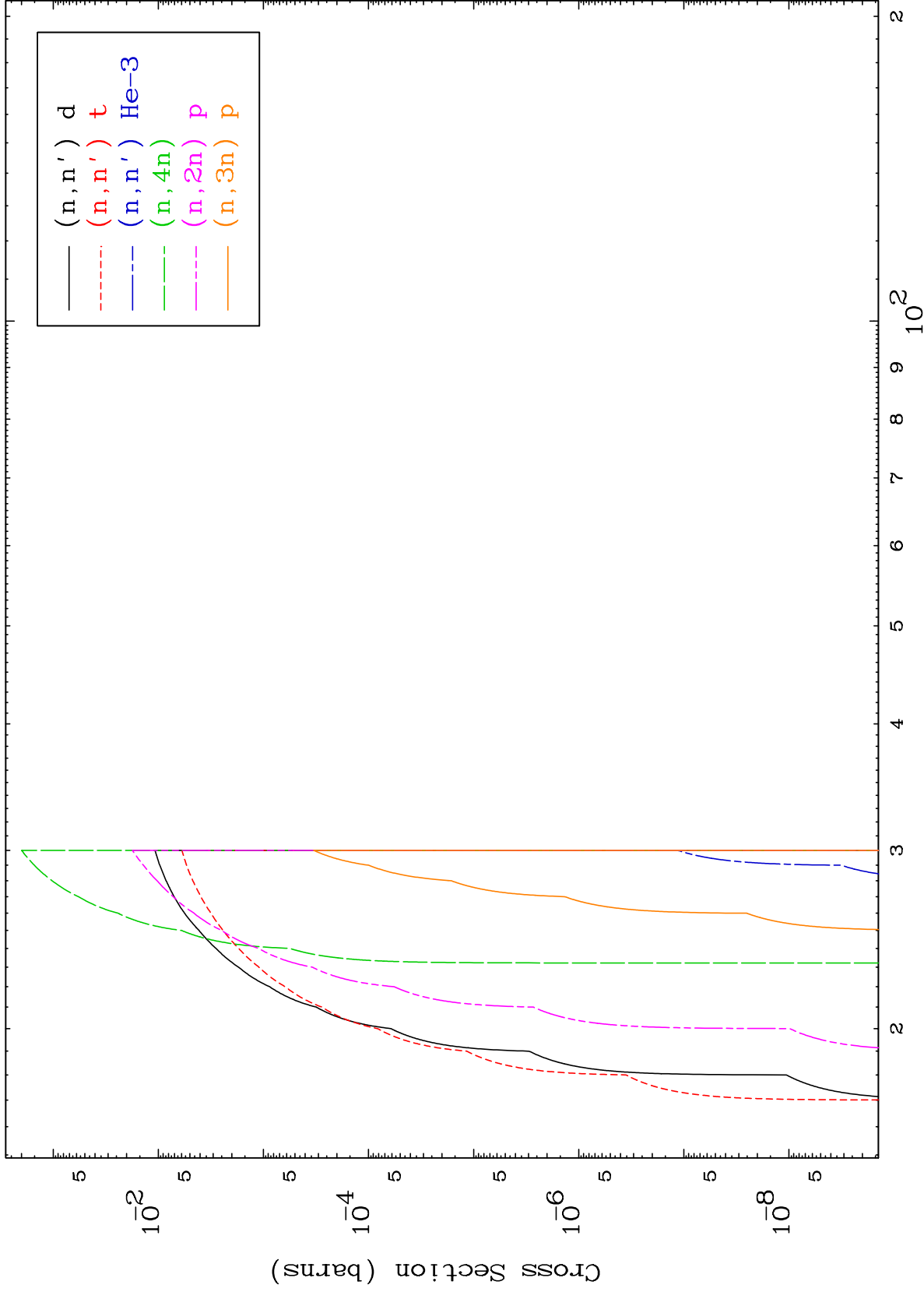
25-Mn-59



Incident Energy (MeV)

25-Mn-59

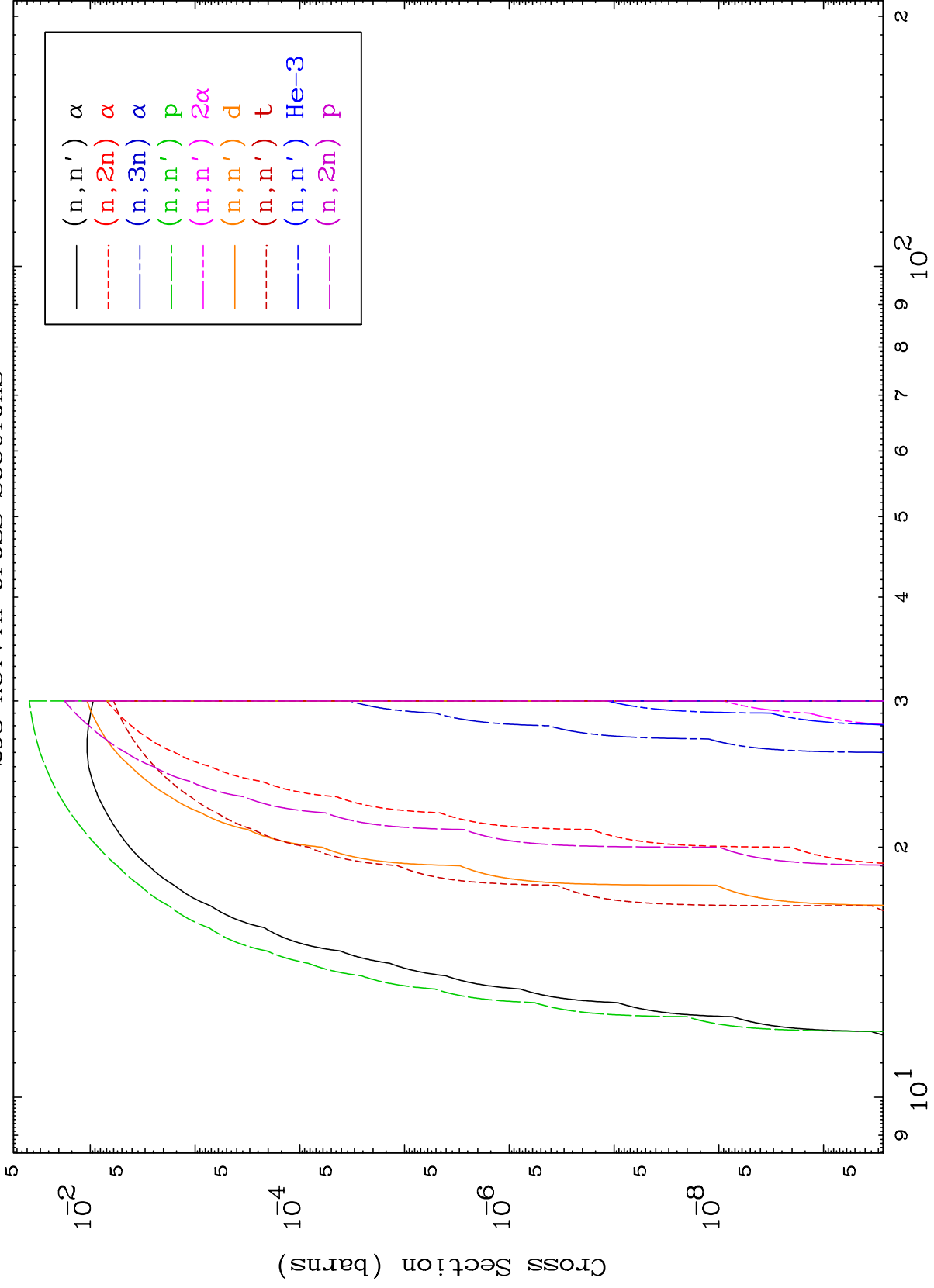
2



MAT 2537

Charged Particle
293 Kelvin Cross Sections

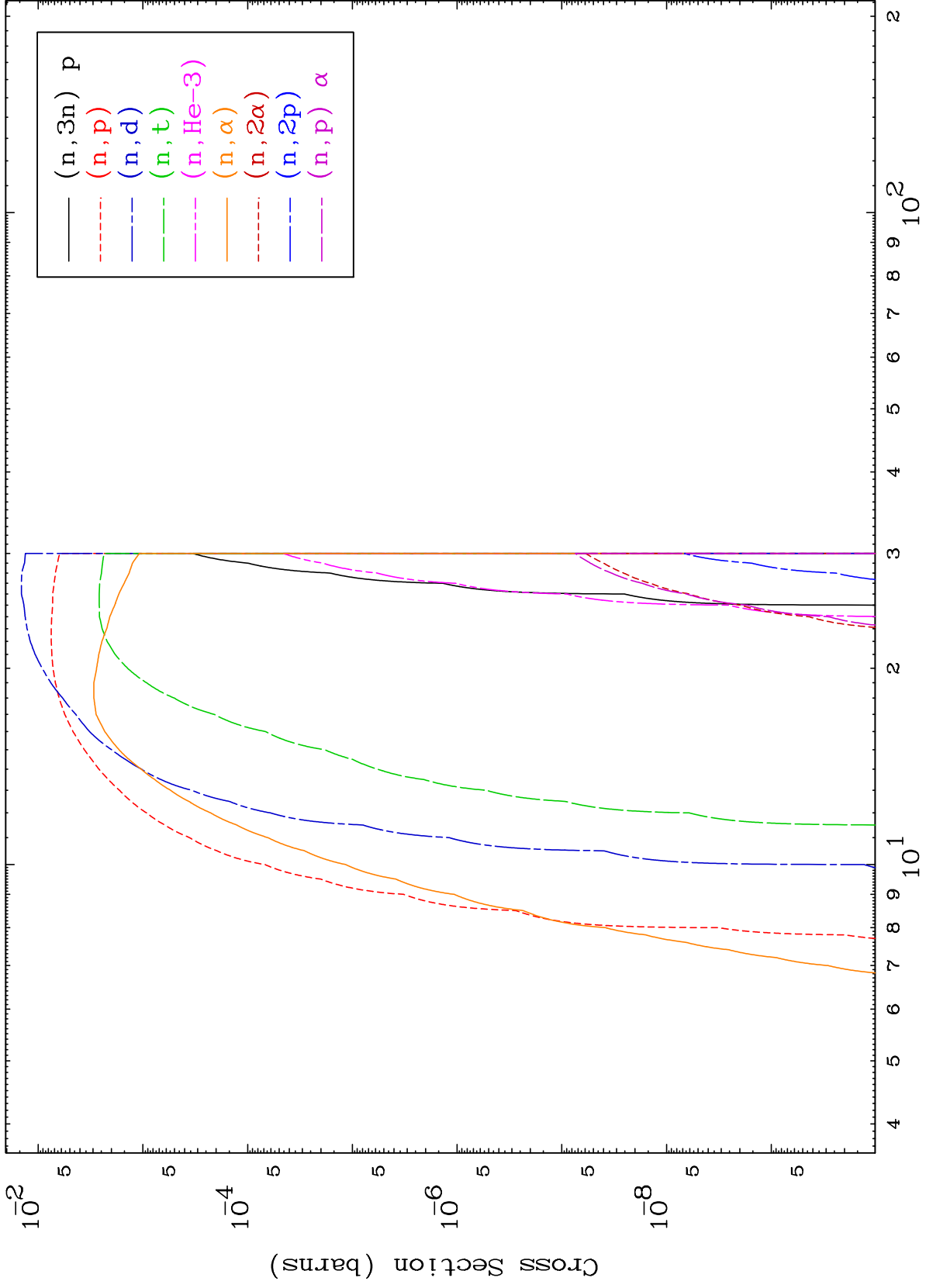
25-Mn-59

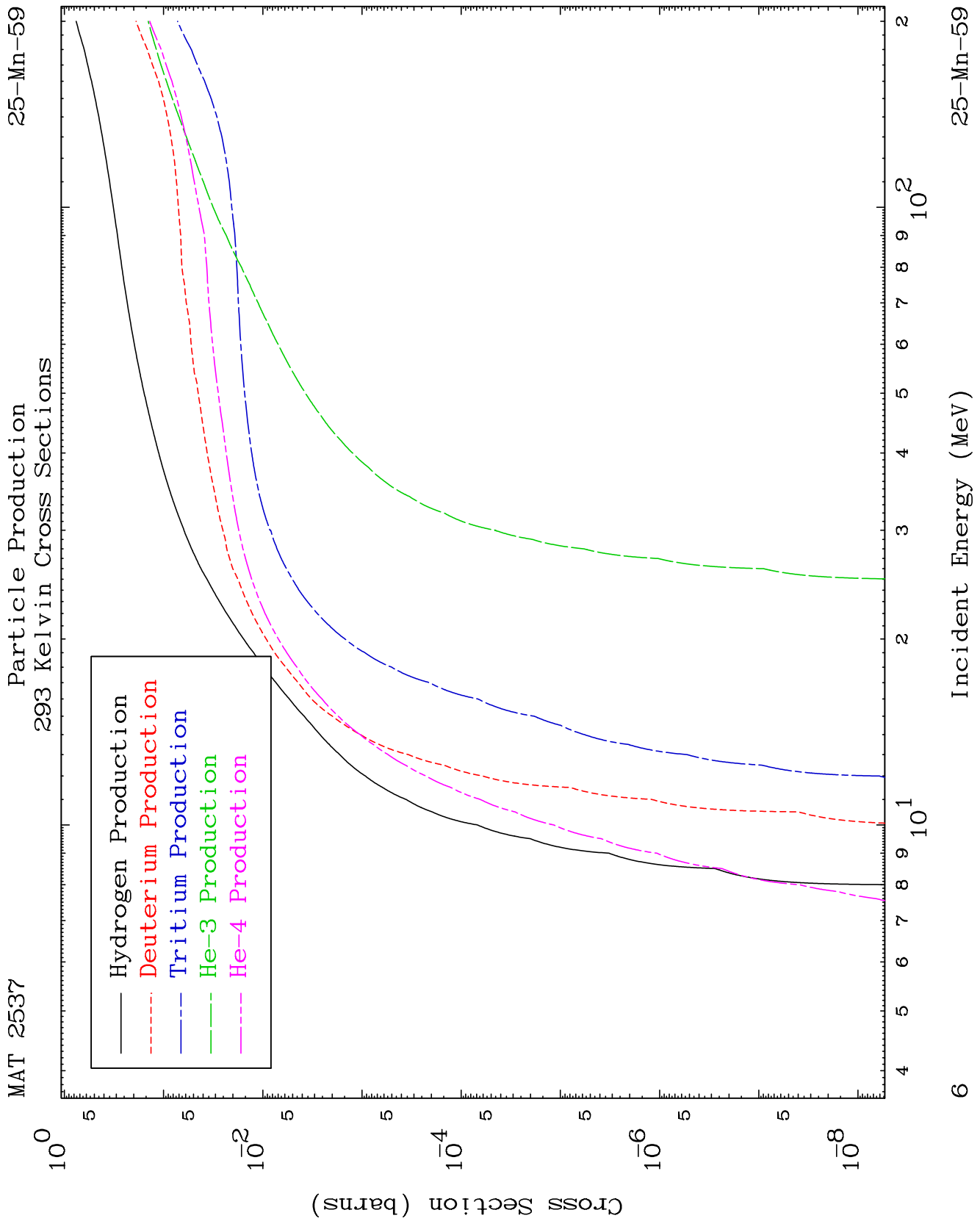


Incident Energy (MeV)

25-Mn-59

4

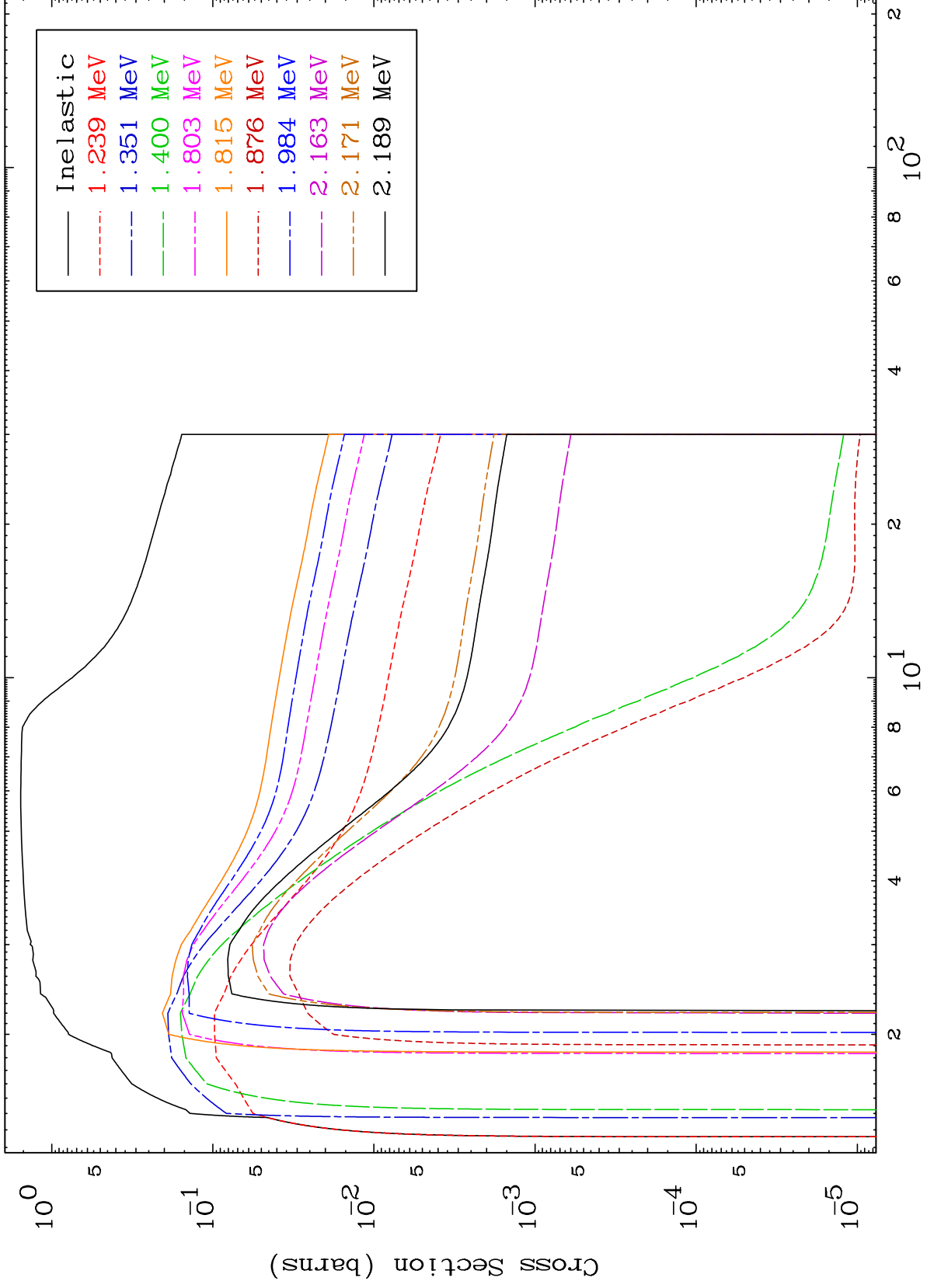




MAT 2537

(n,n') Level
293 Kelvin Cross Sections

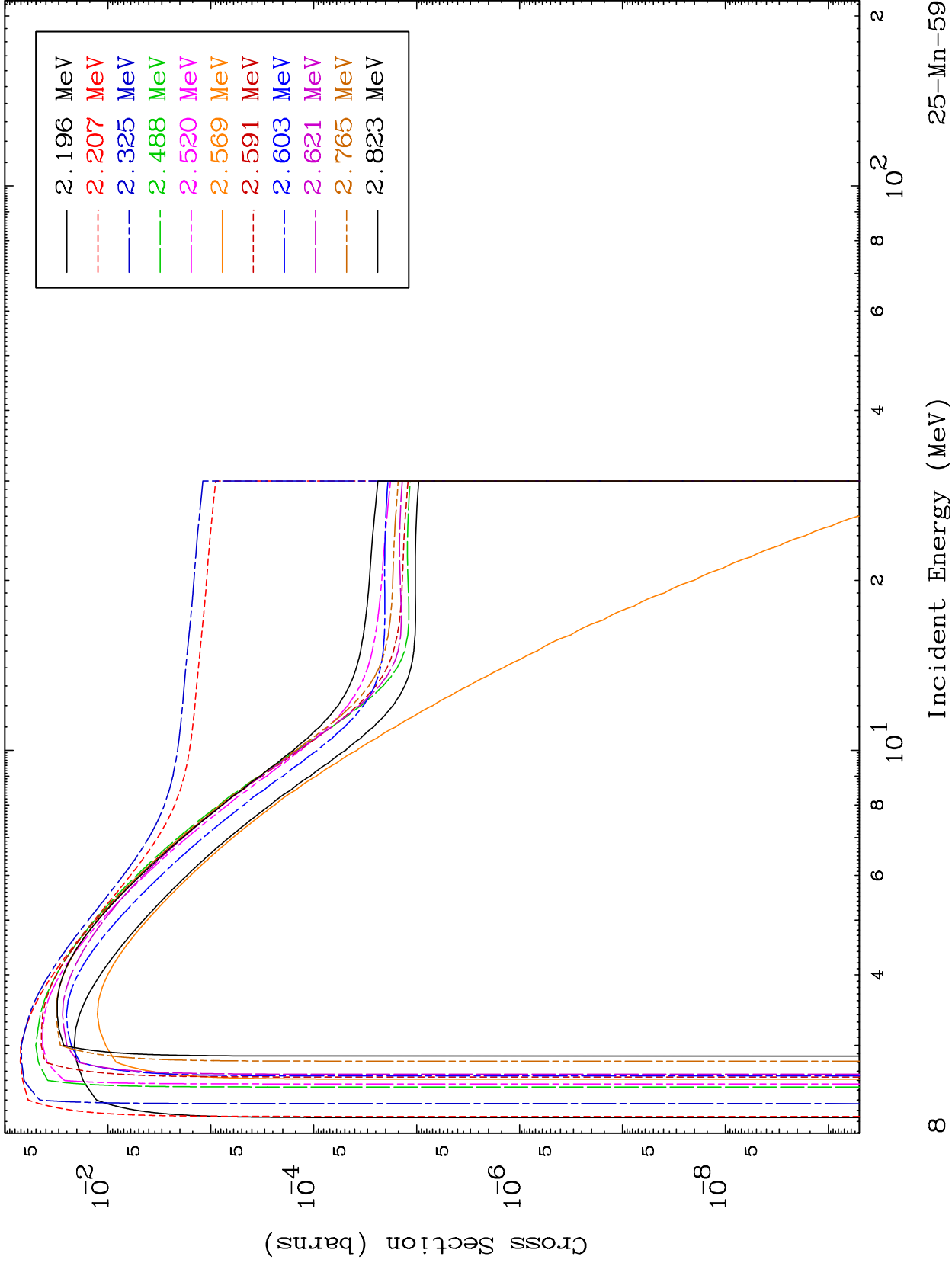
25-Mn-59



MAT 2537

(n,n') Level
293 Kelvin Cross Sections

25-Mn-59



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Incident Energy (MeV)

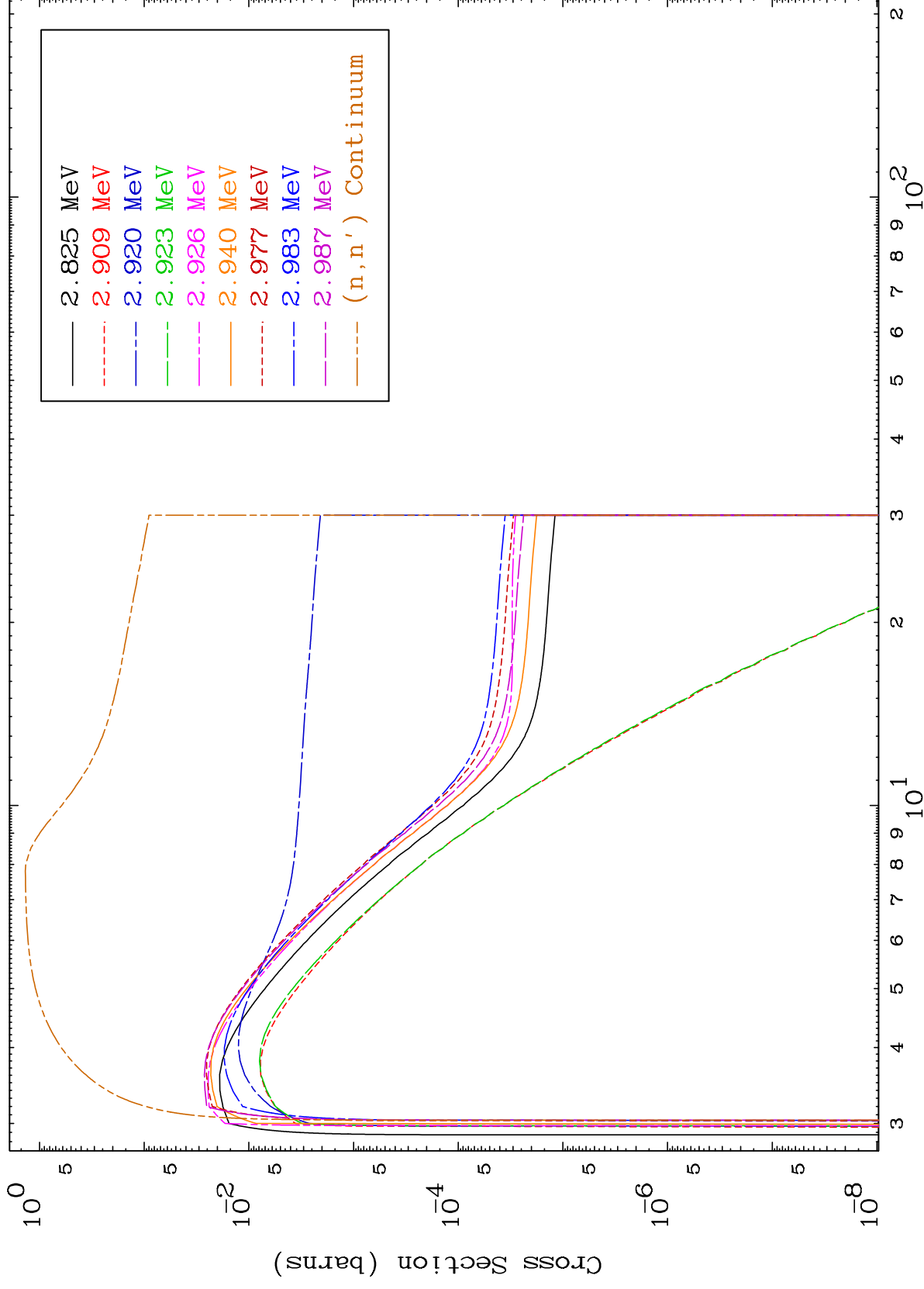
25-Mn-59

MAT 2537

(n,n') Level

25-Mn-59

293 Kelvin Cross Sections



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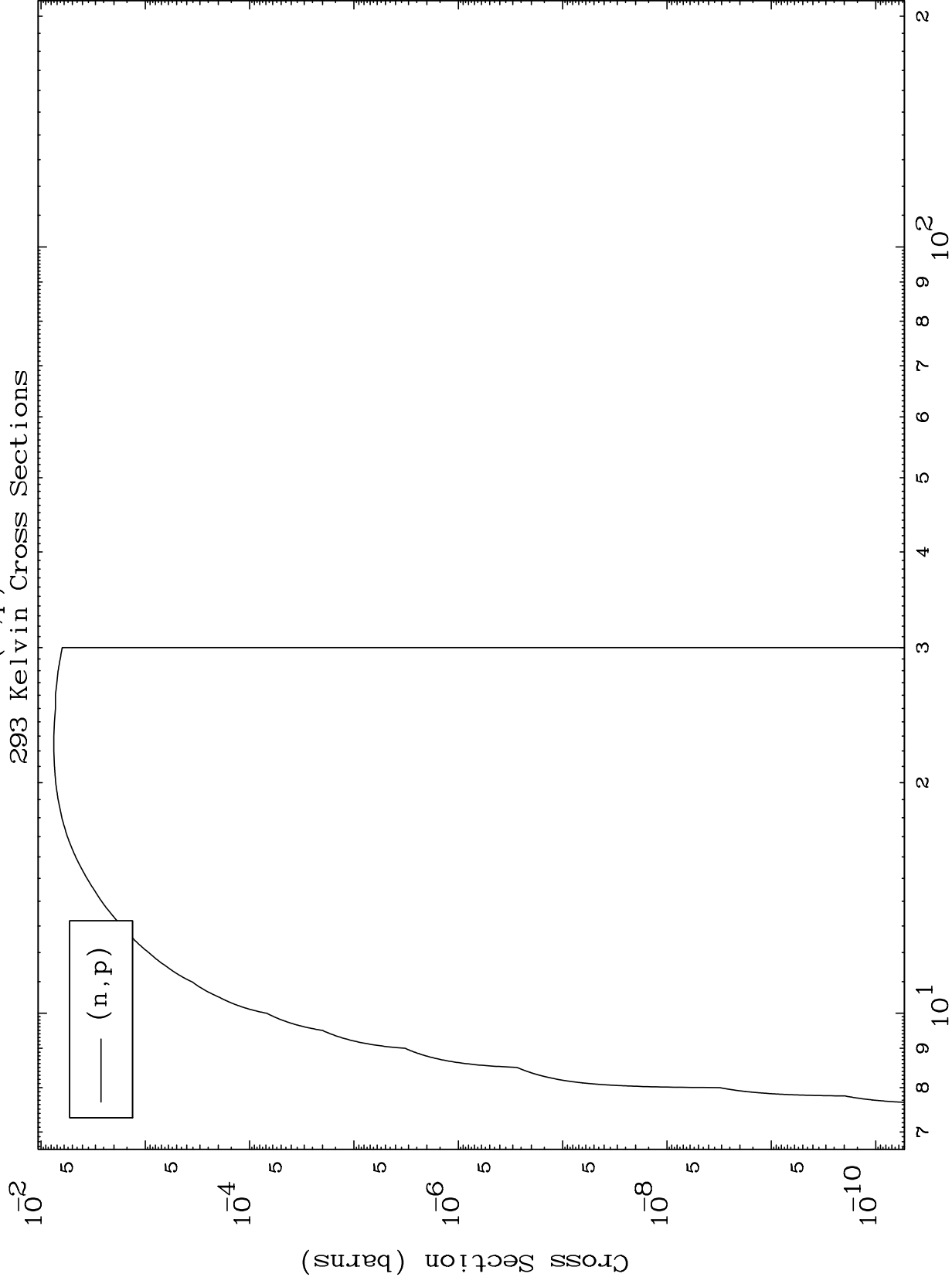
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-59



10

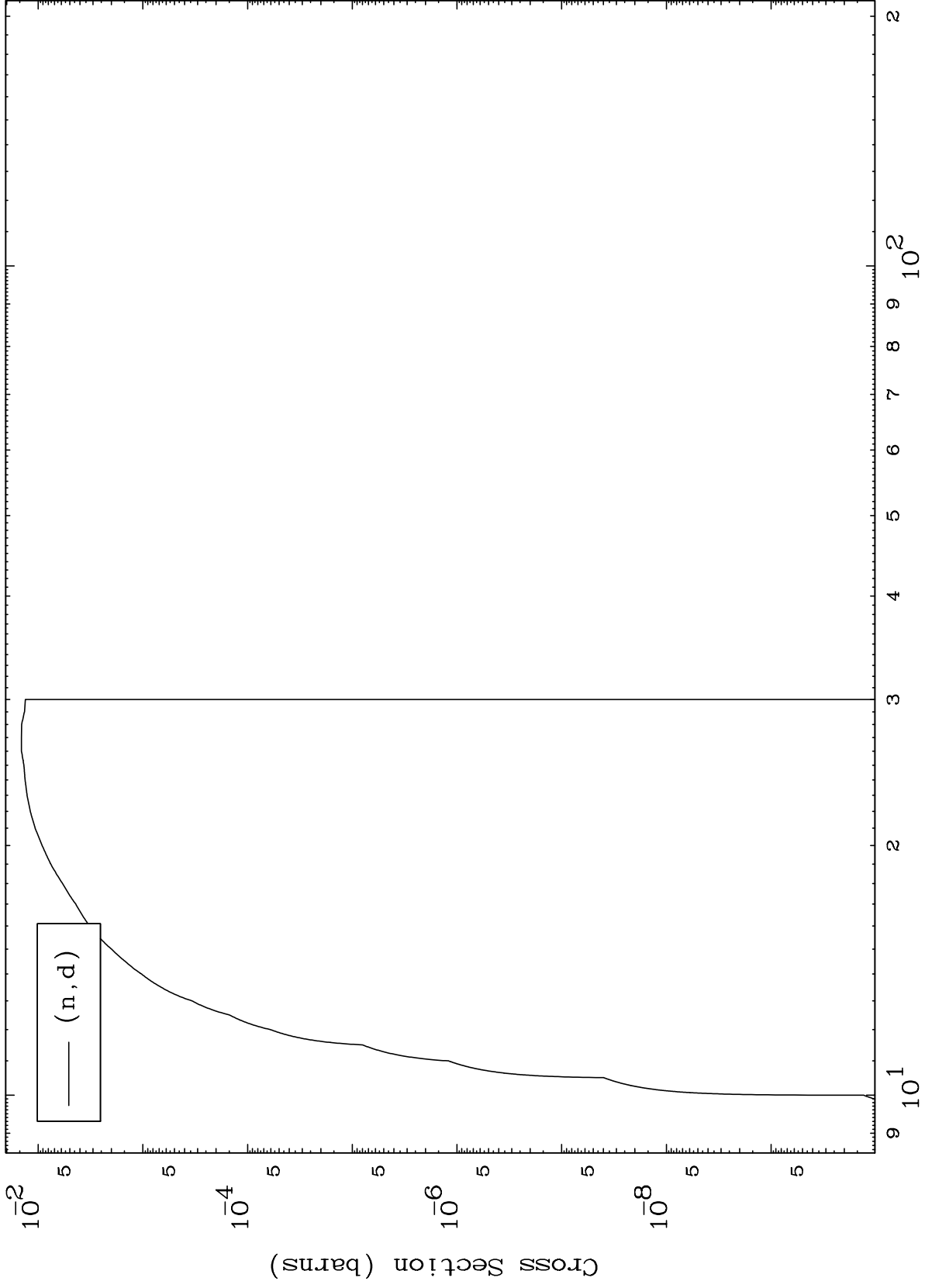
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-59



11

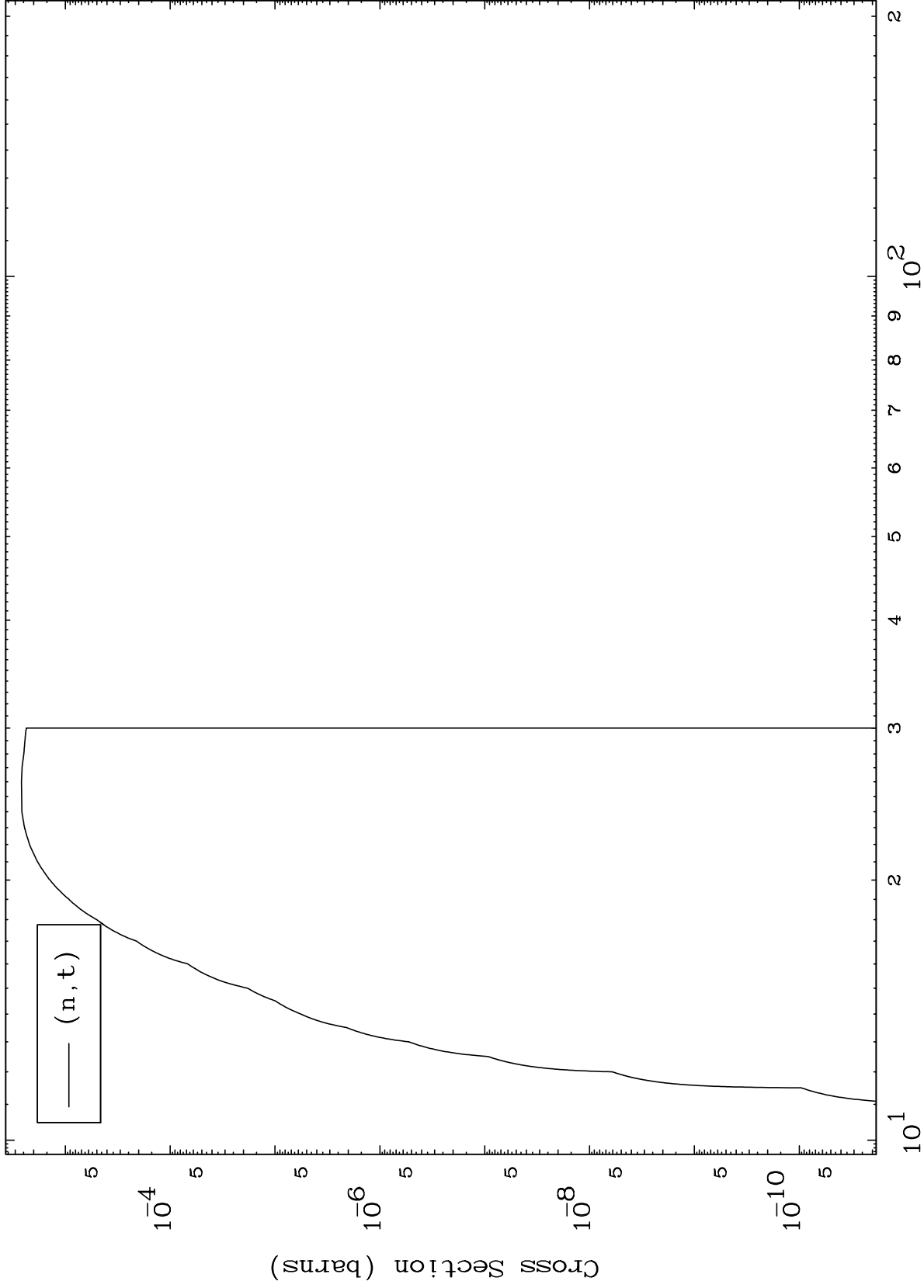
Incident Energy (MeV)

25-Mn-59

MAT 2537

(n,t) Levels
293 Kelvin Cross Sections

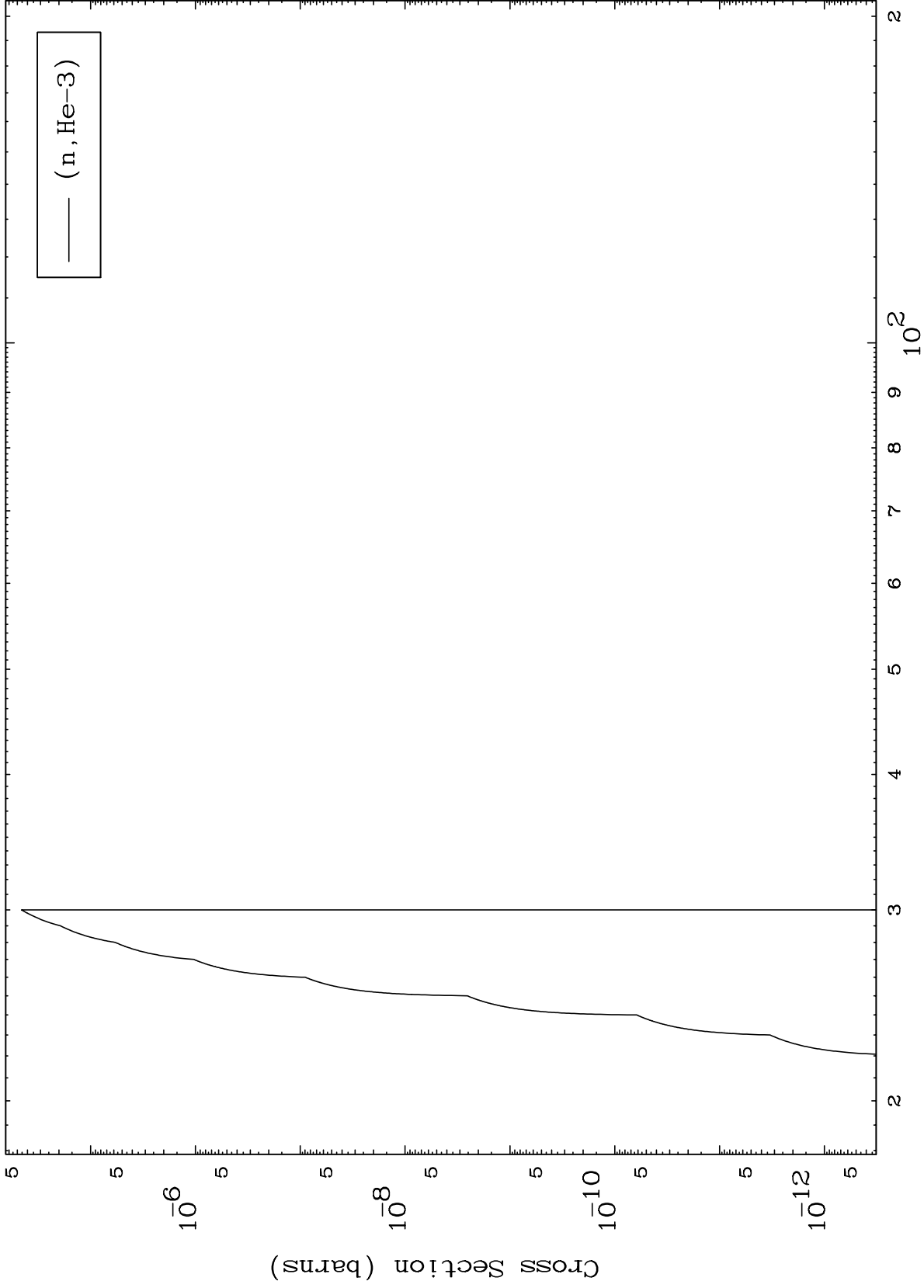
25-Mn-59



Incident Energy (MeV)

25-Mn-59

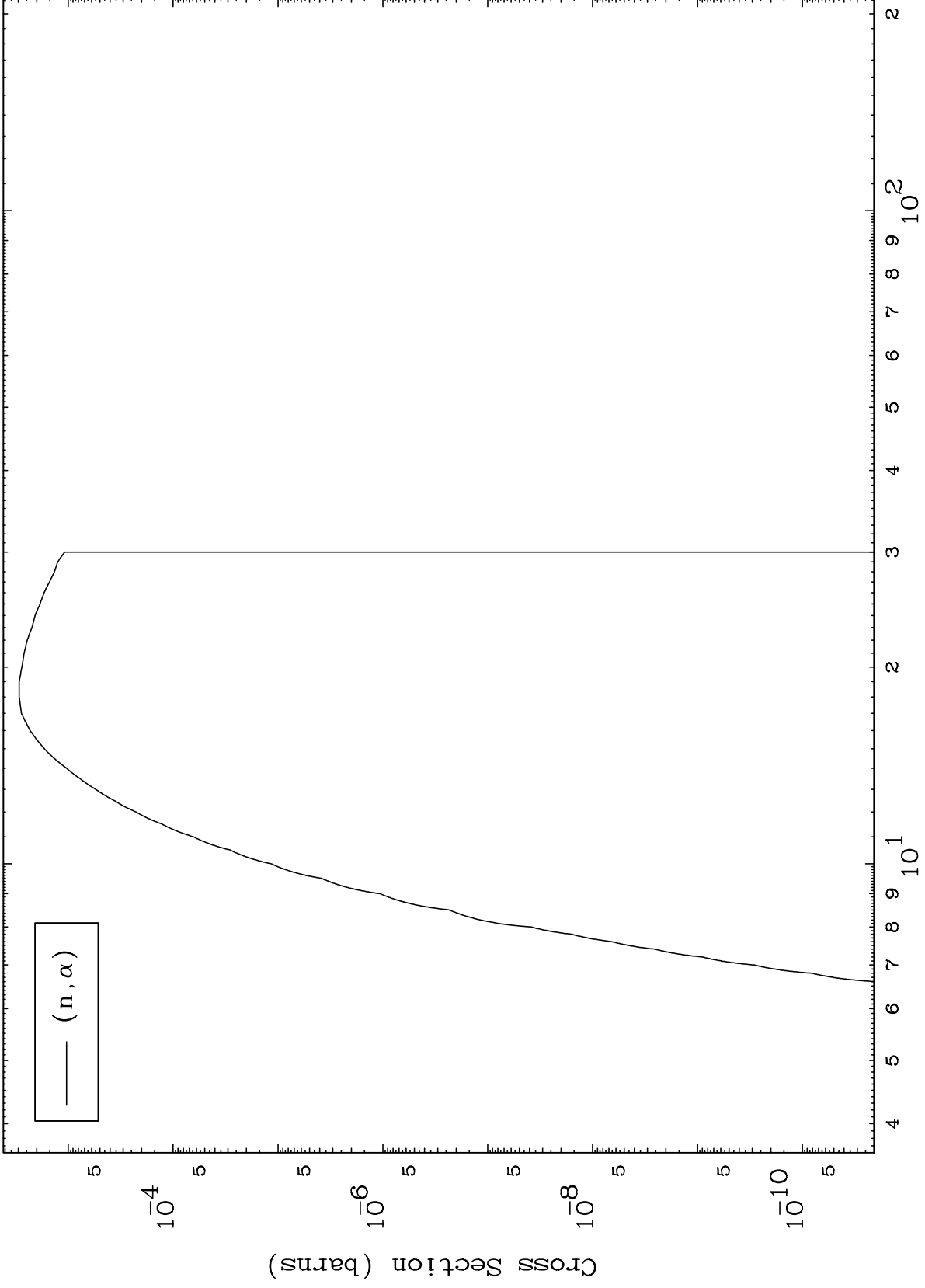
12



MAT 2537

(n, α) Levels
293 Kelvin Cross Sections

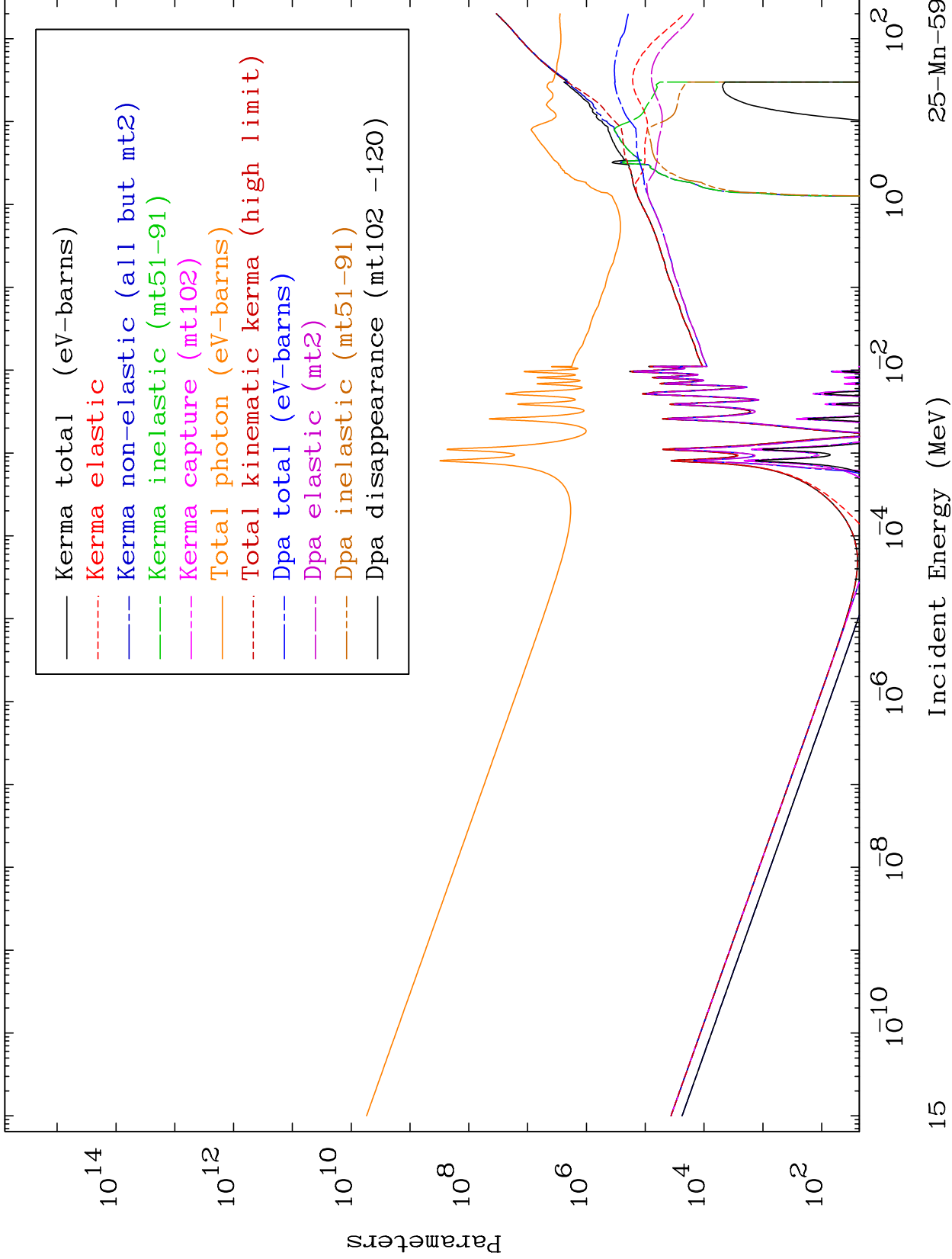
25-Mn-59



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Incident Energy (MeV)

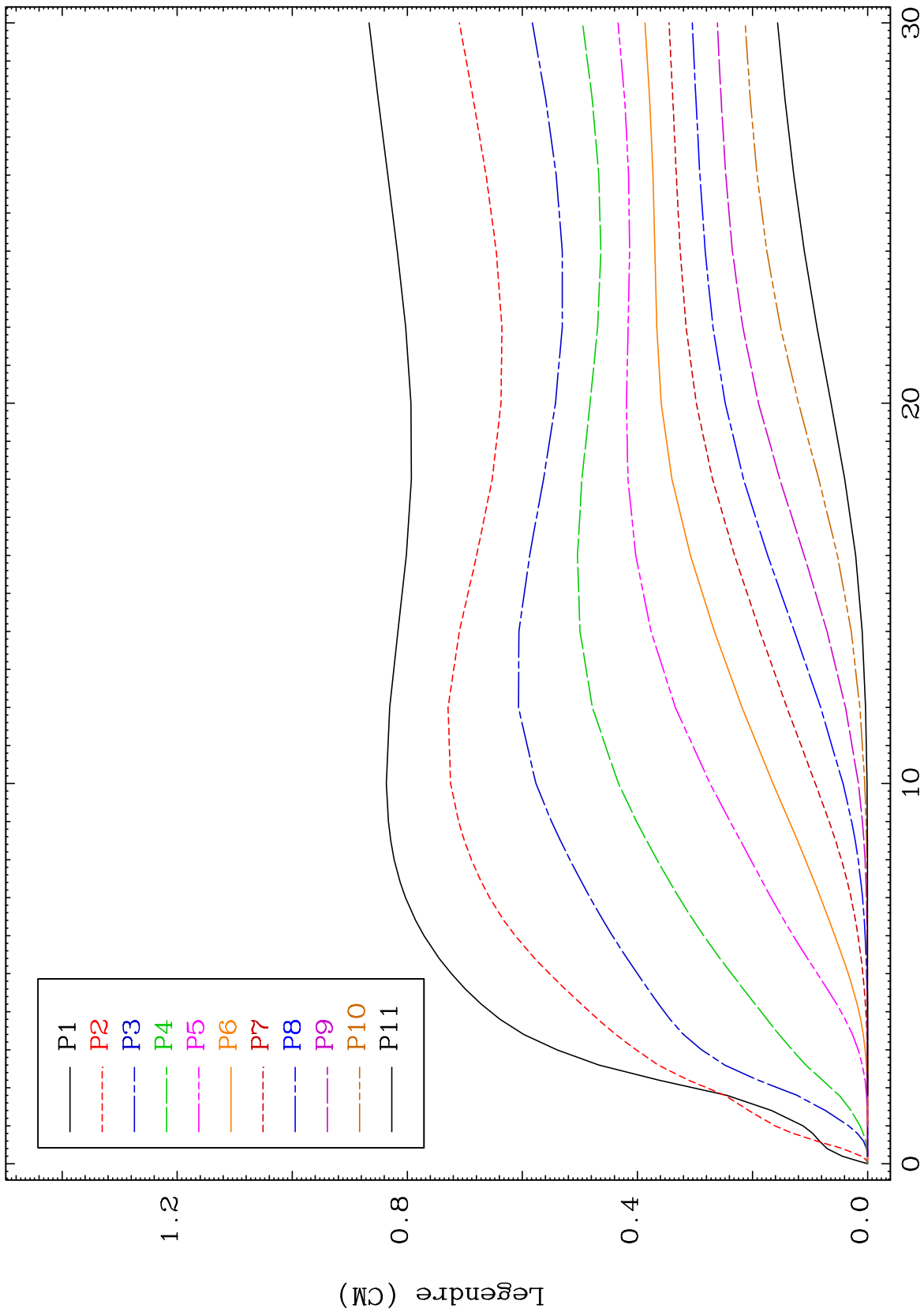
25-Mn-59



MAT 2537

Elastic Legendre Coefficients

25-Mn-59



16

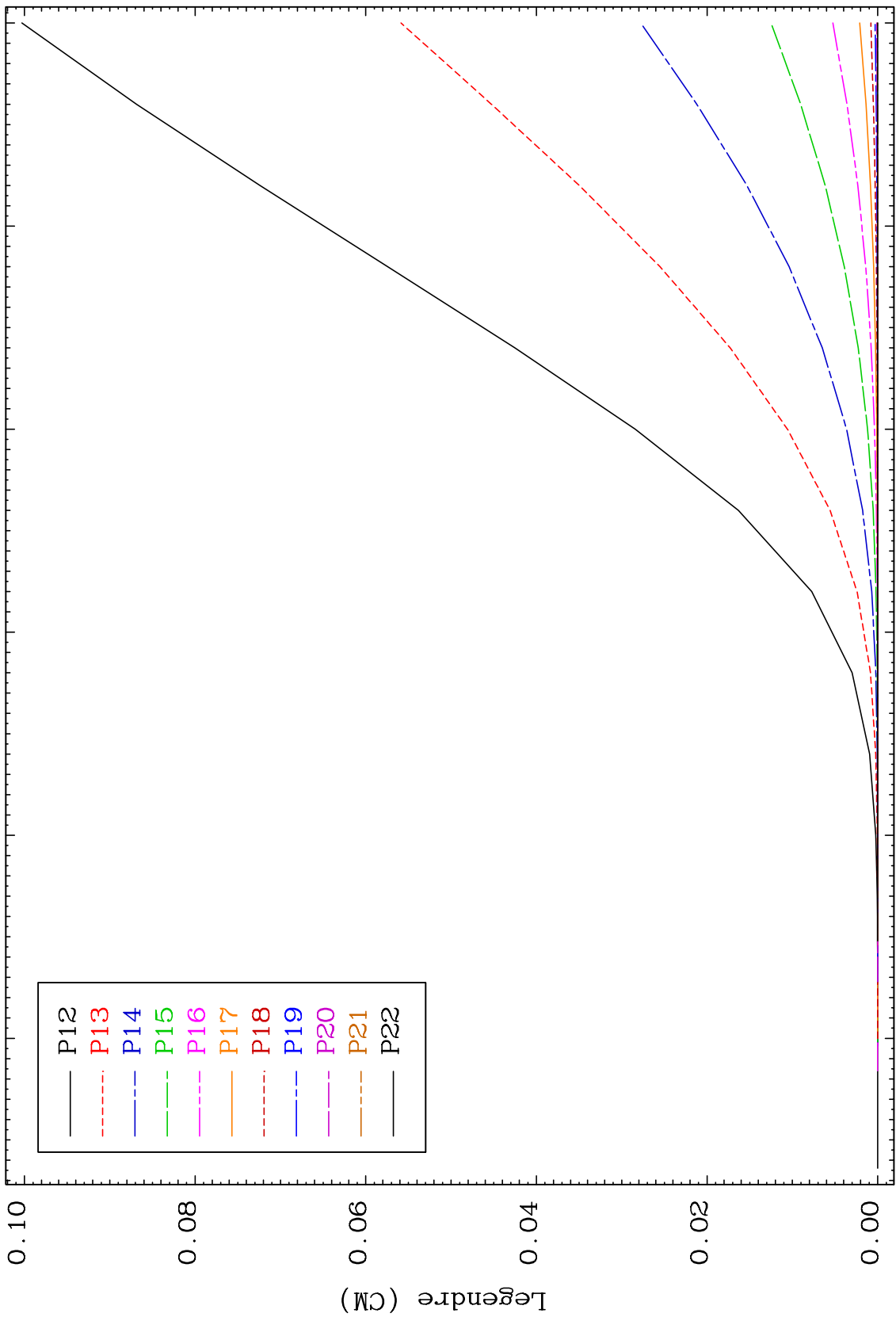
Incident Energy (MeV)

25-Mn-59

MAT 2537

Elastic Legendre Coefficients

25-Mn-59



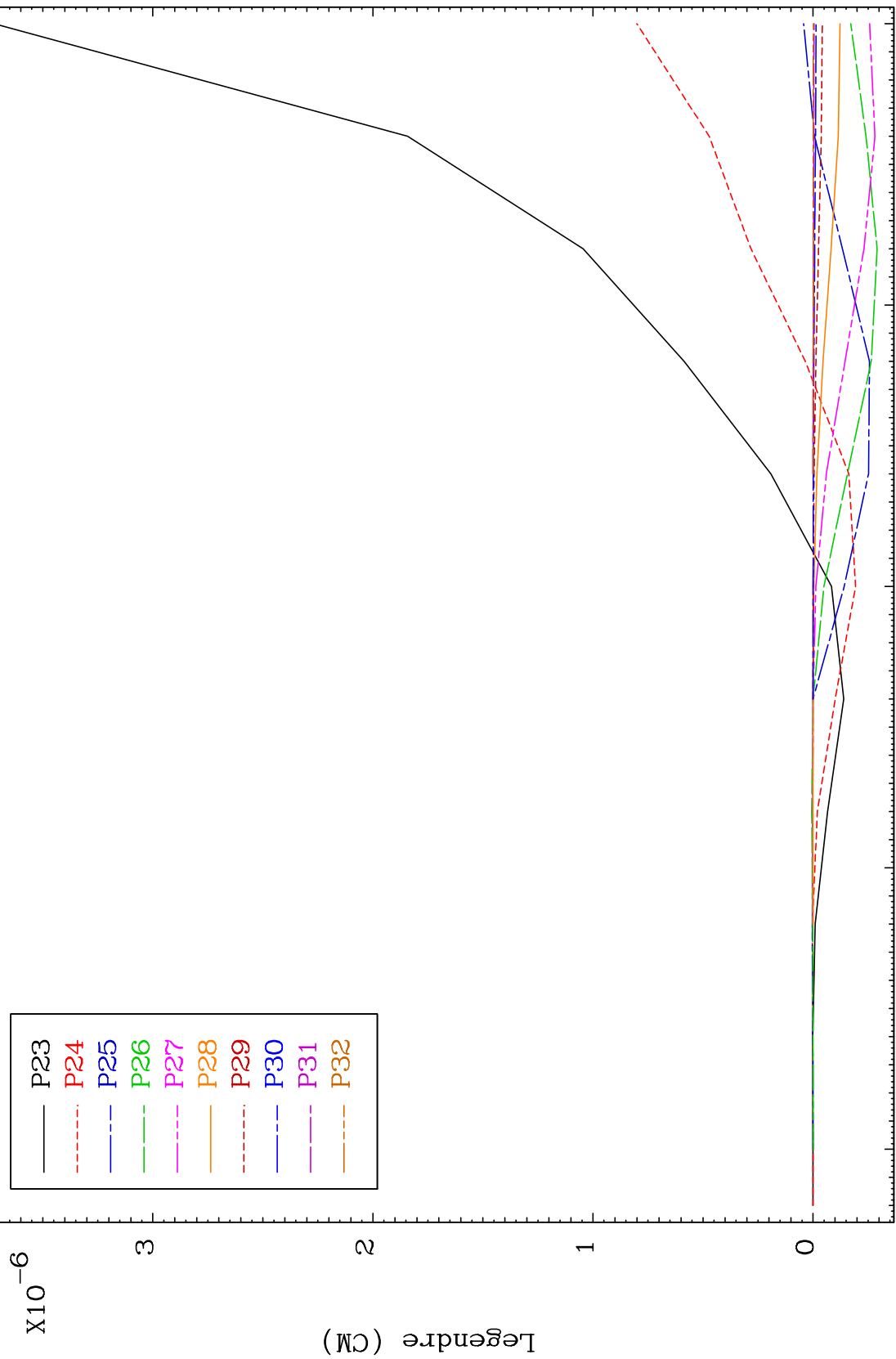
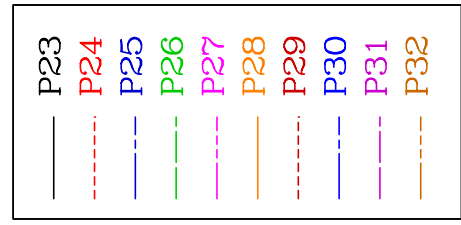
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25-Mn-59

MAT 2537

Elastic Legendre Coefficients

25-Mn-59



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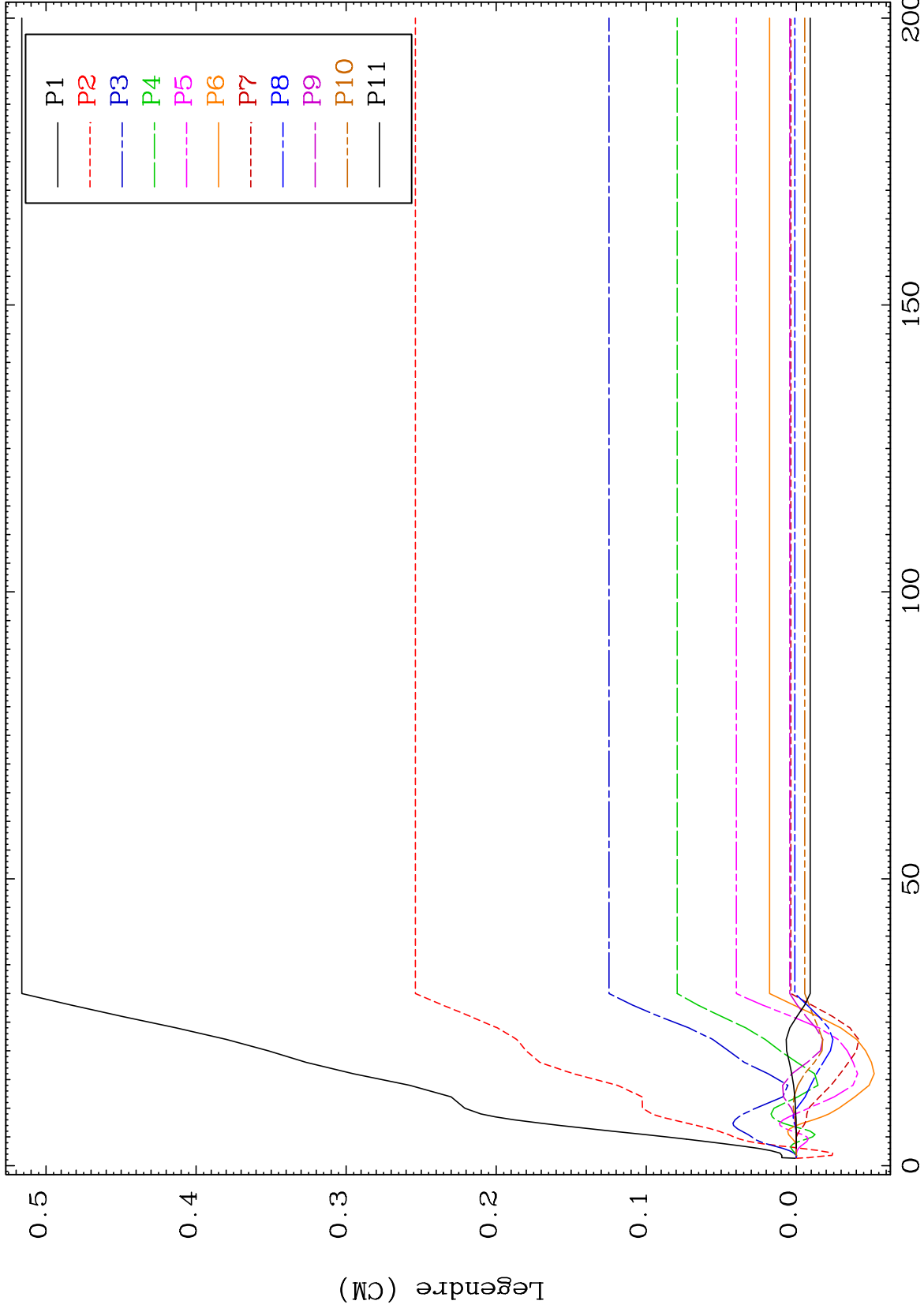
Incident Energy (MeV)

25-Mn-59

MAT 2537

1.239 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



19

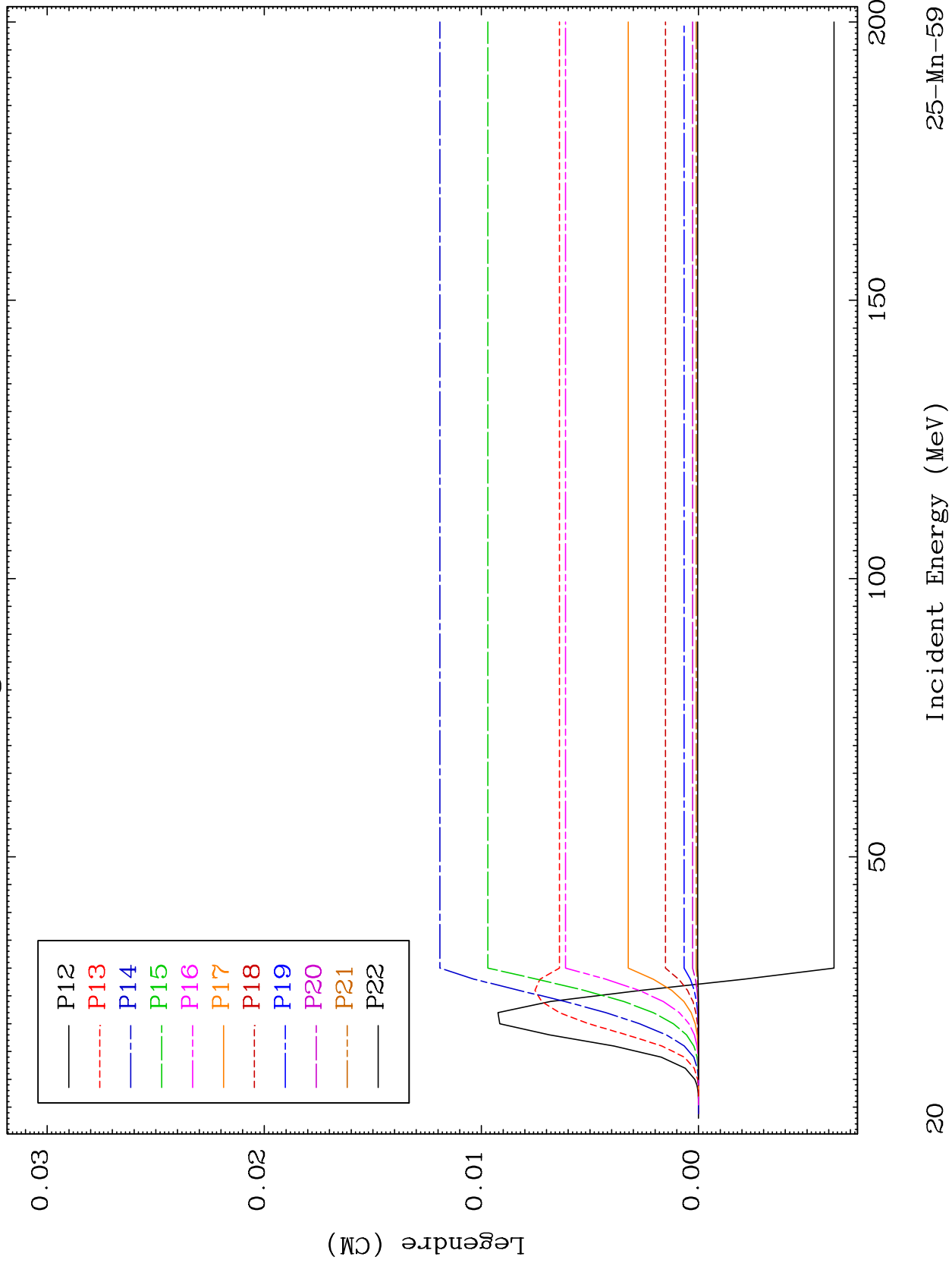
Incident Energy (MeV)

25-Mn-59

MAT 2537

1.239 MeV (n,n') Level
Legendre Coefficients

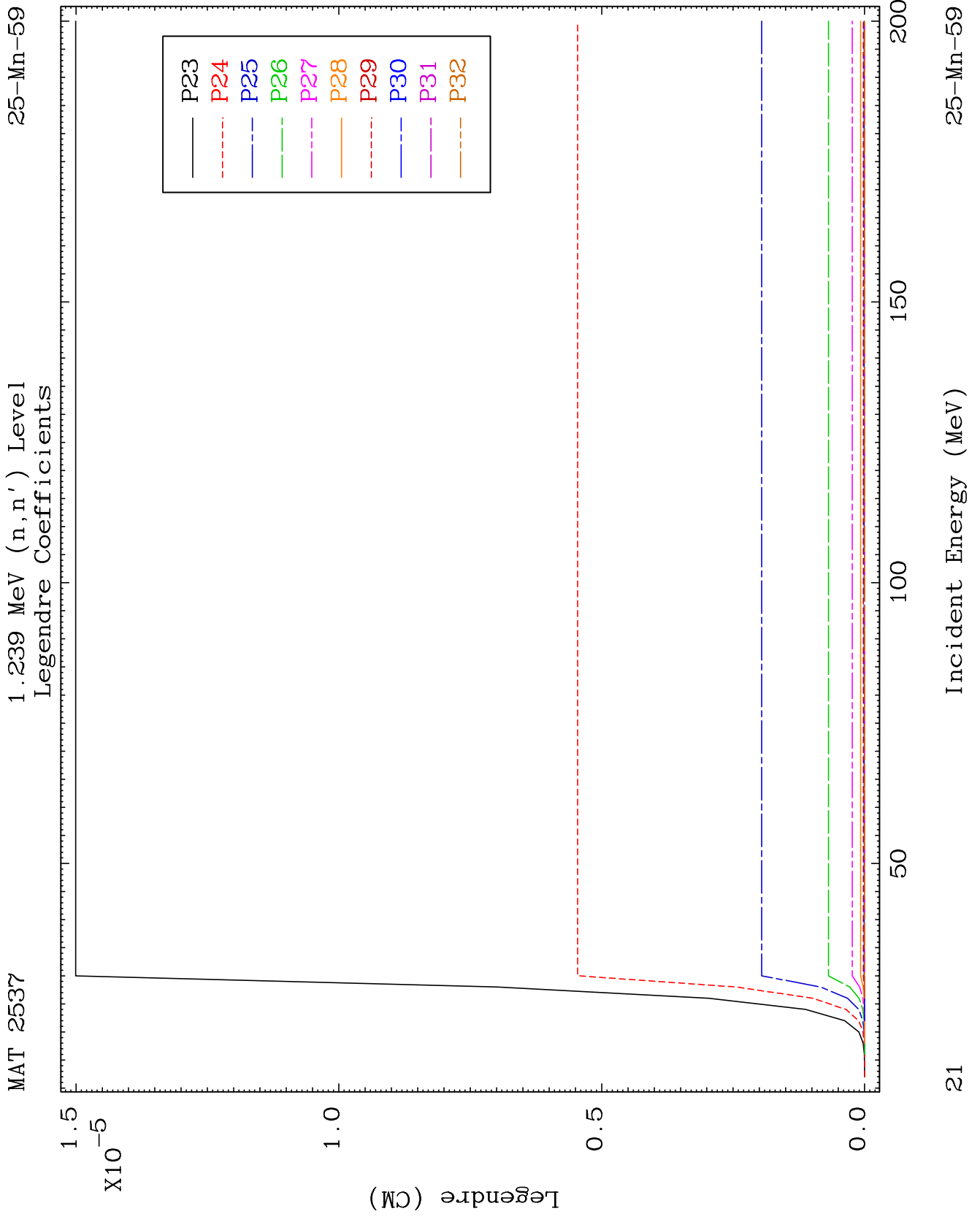
25-Mn-59



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Incident Energy (MeV)

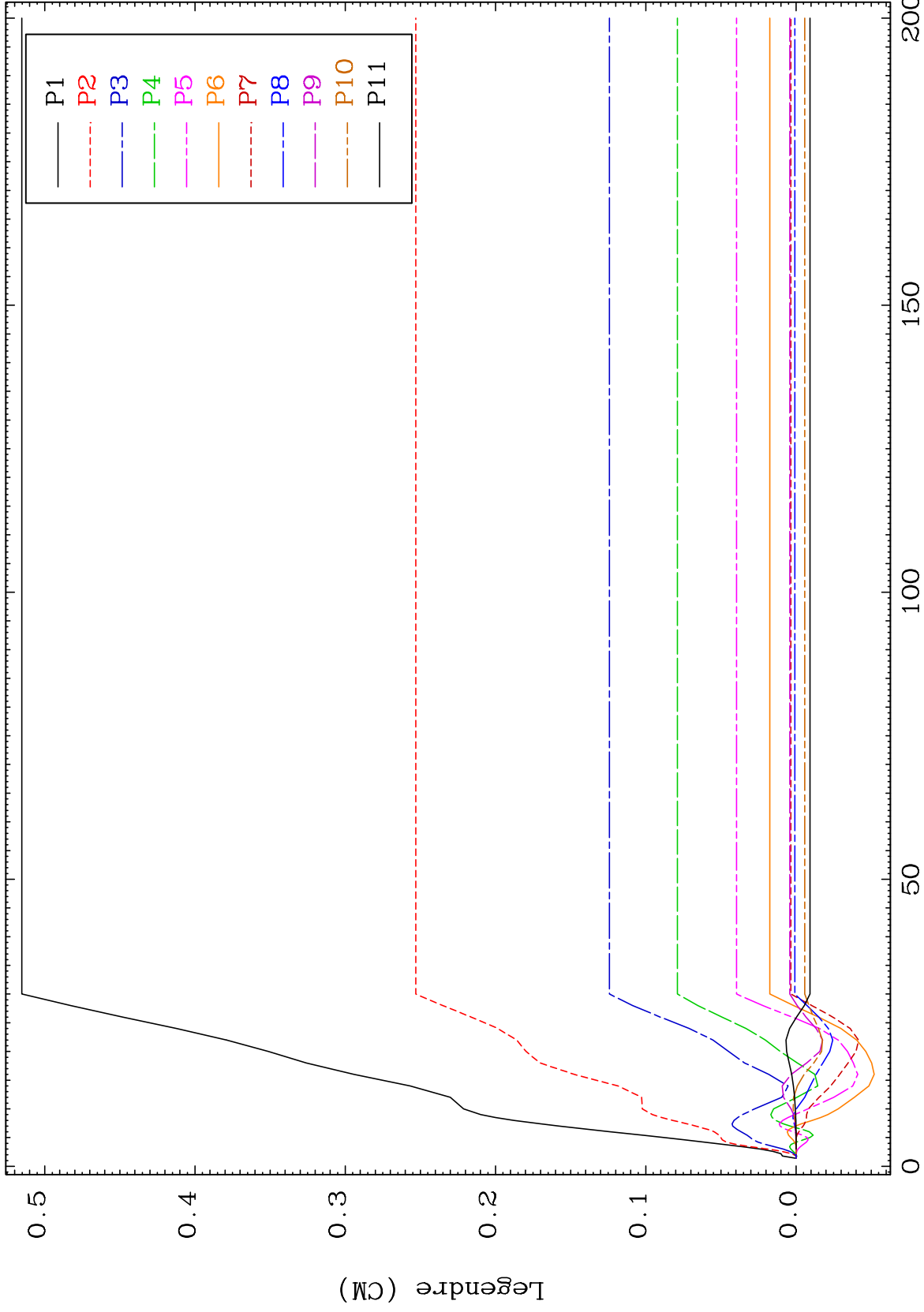
25-Mn-59



MAT 2537

1.351 MeV (n,n') Level
Legendre Coefficients

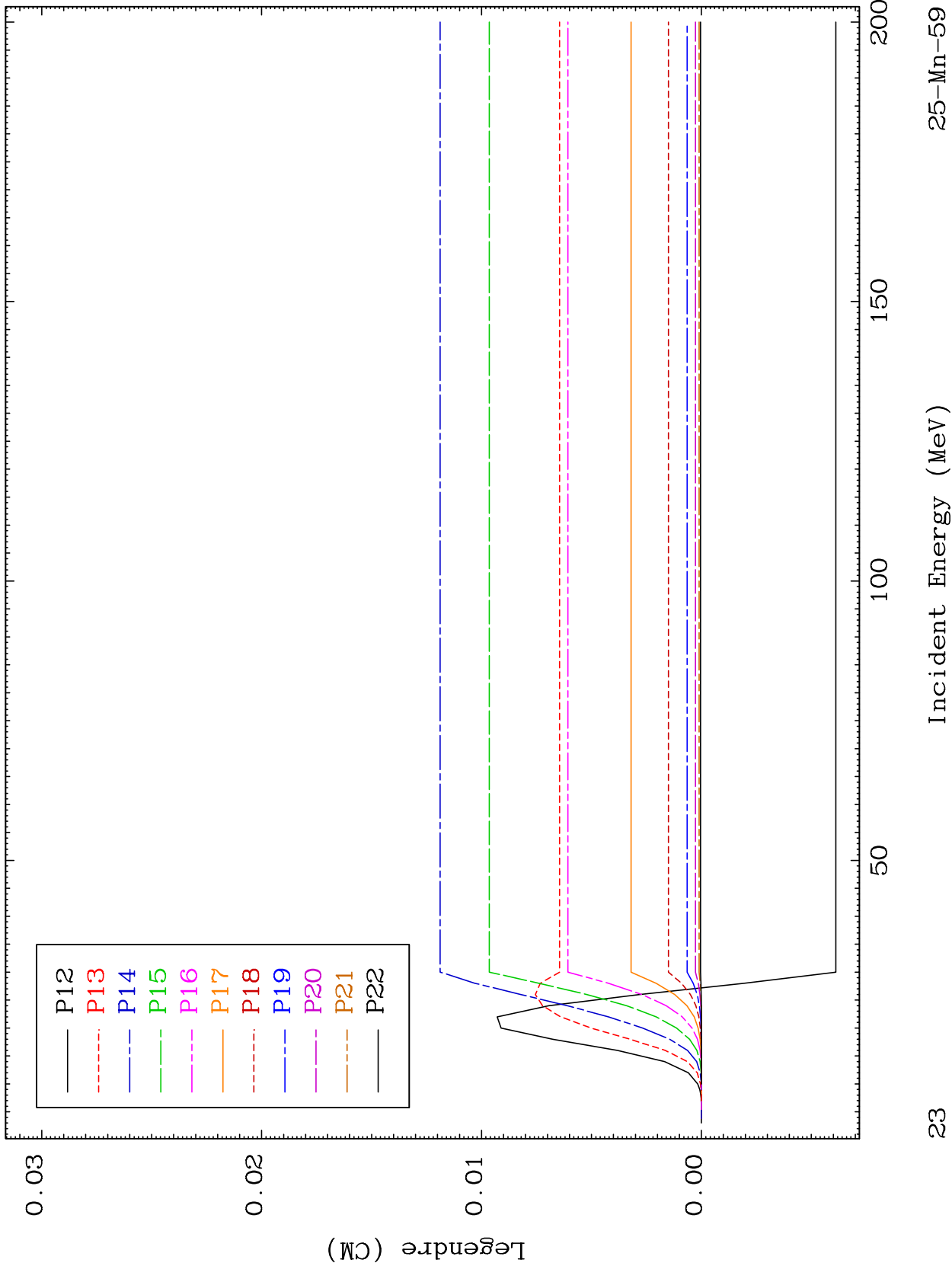
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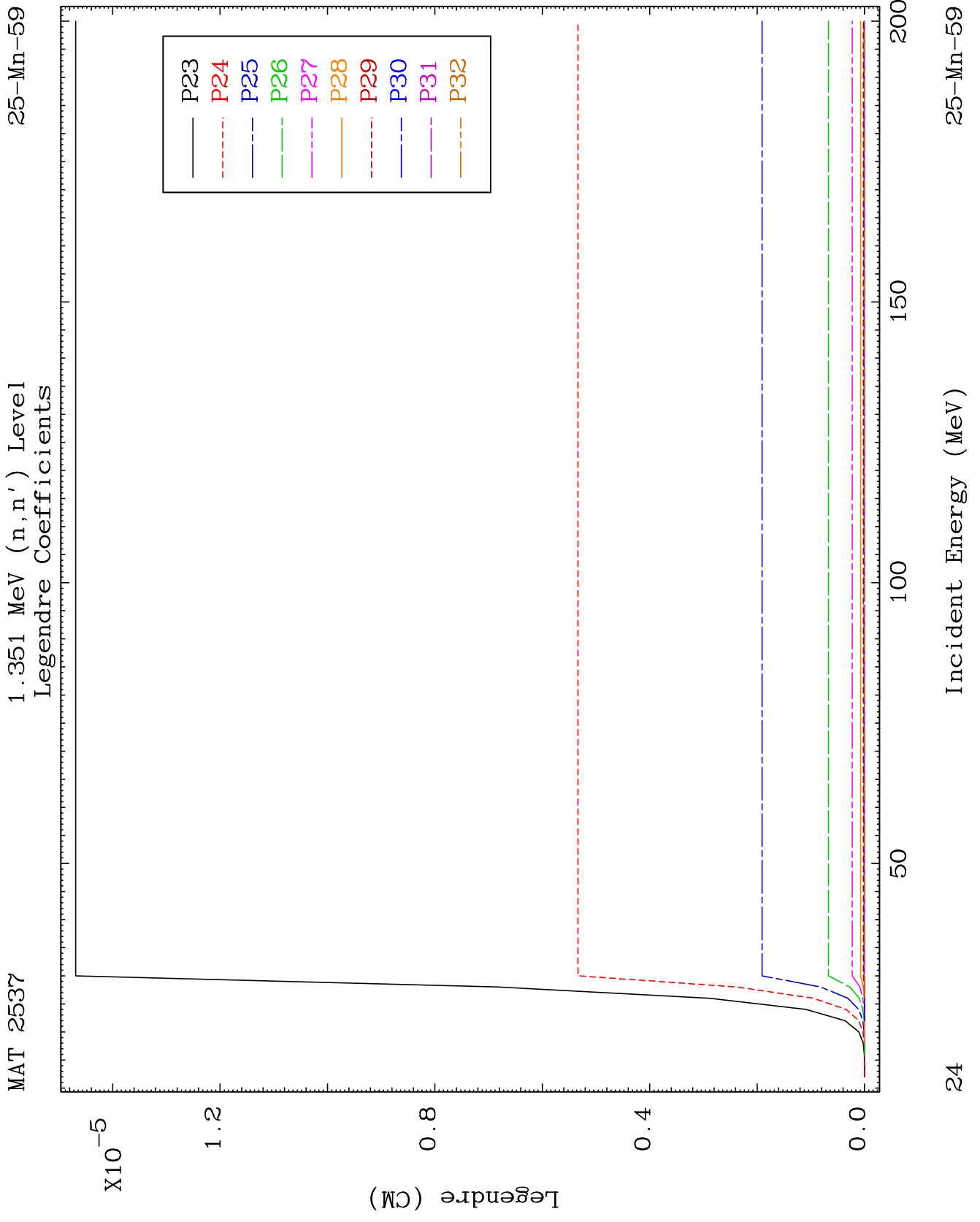


22

Incident Energy (MeV)

25-Mn-59

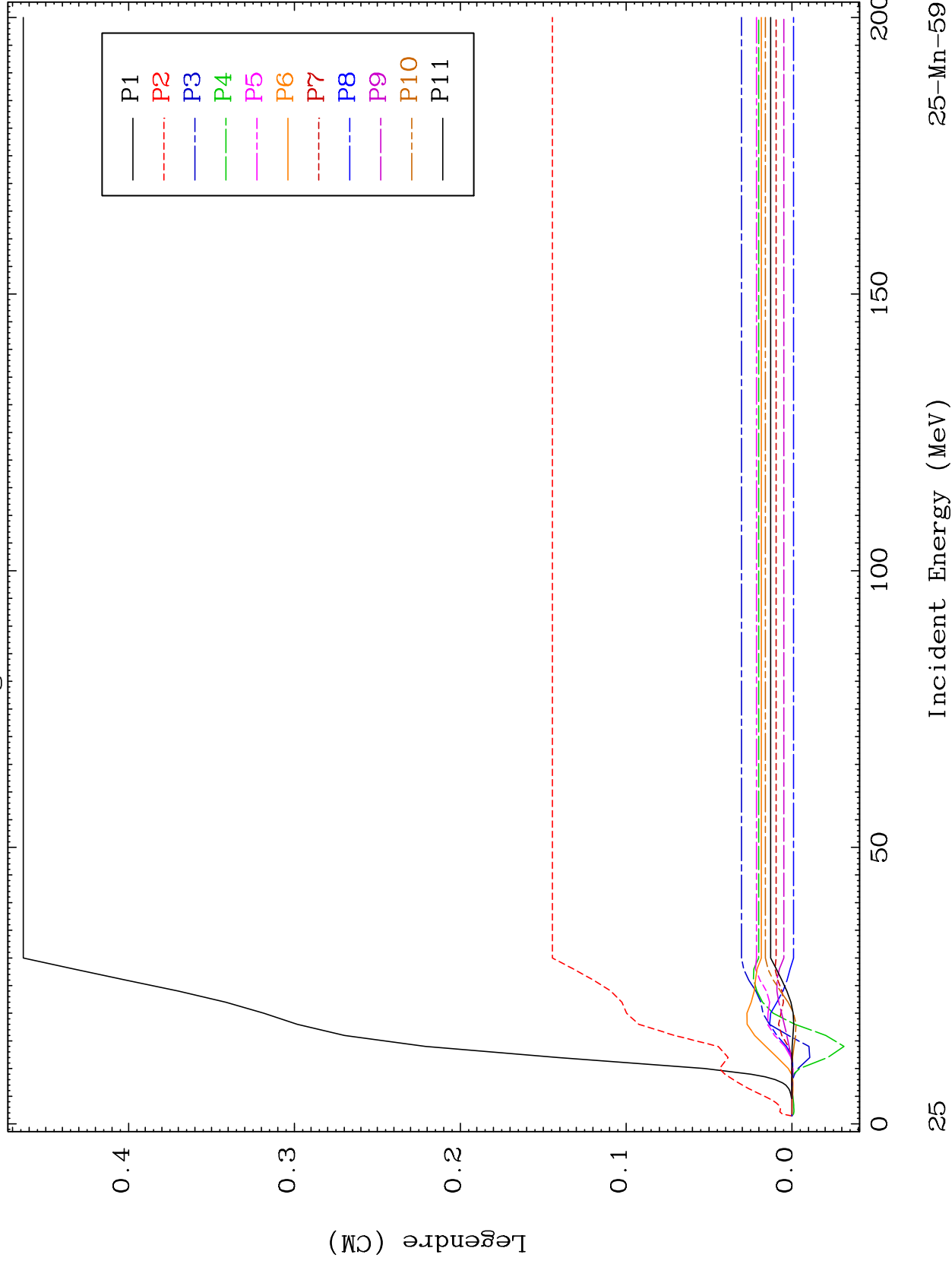


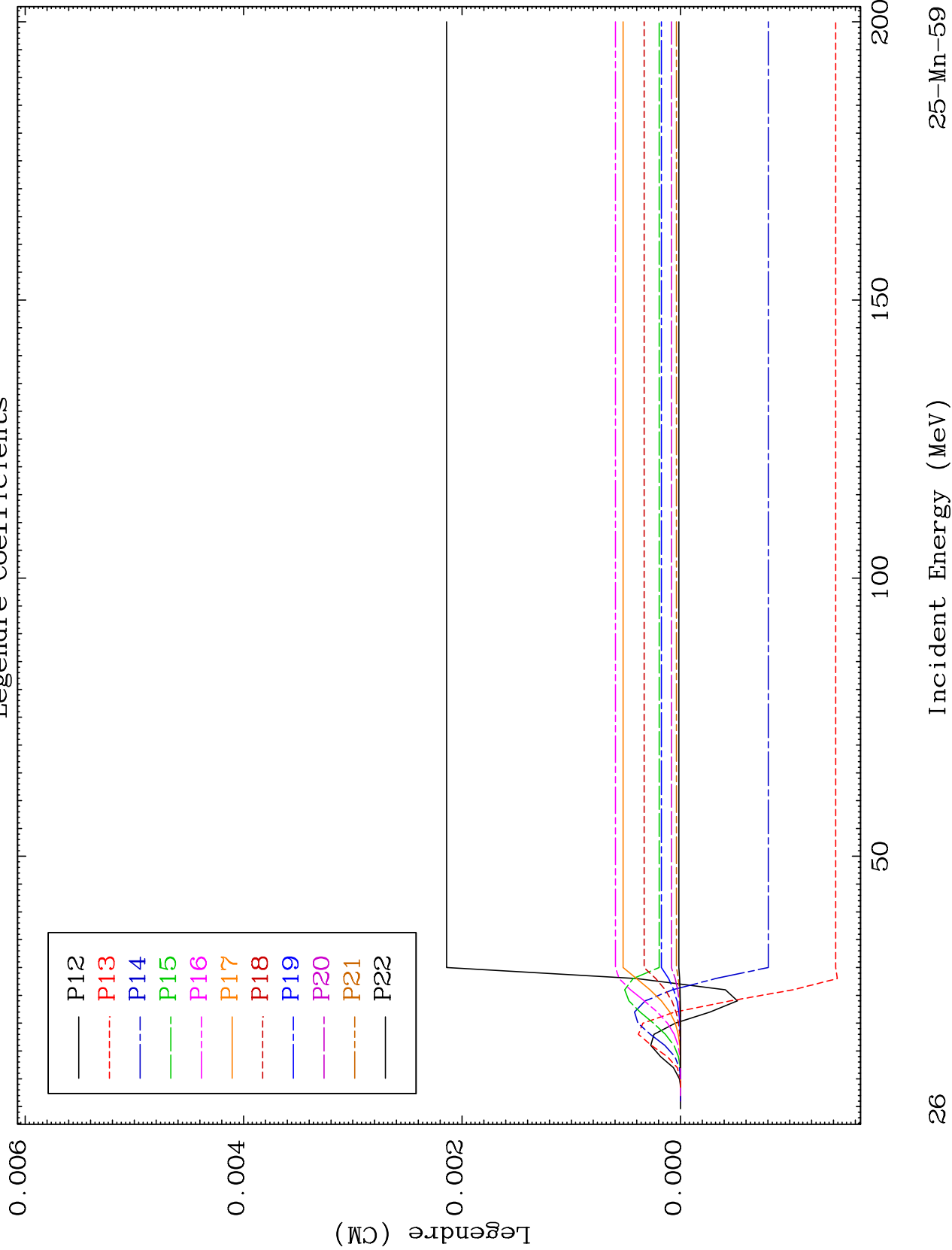


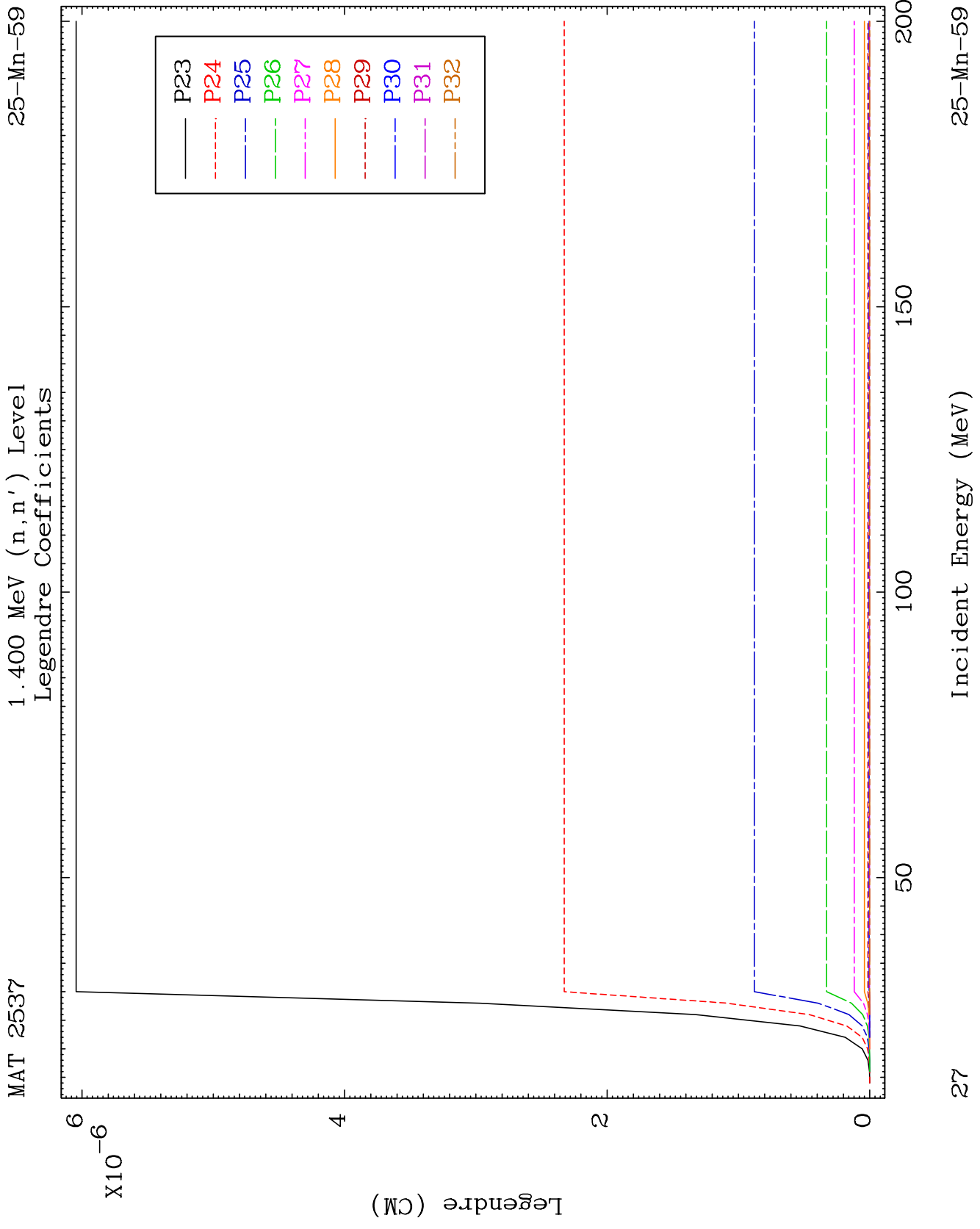
MAT 2537

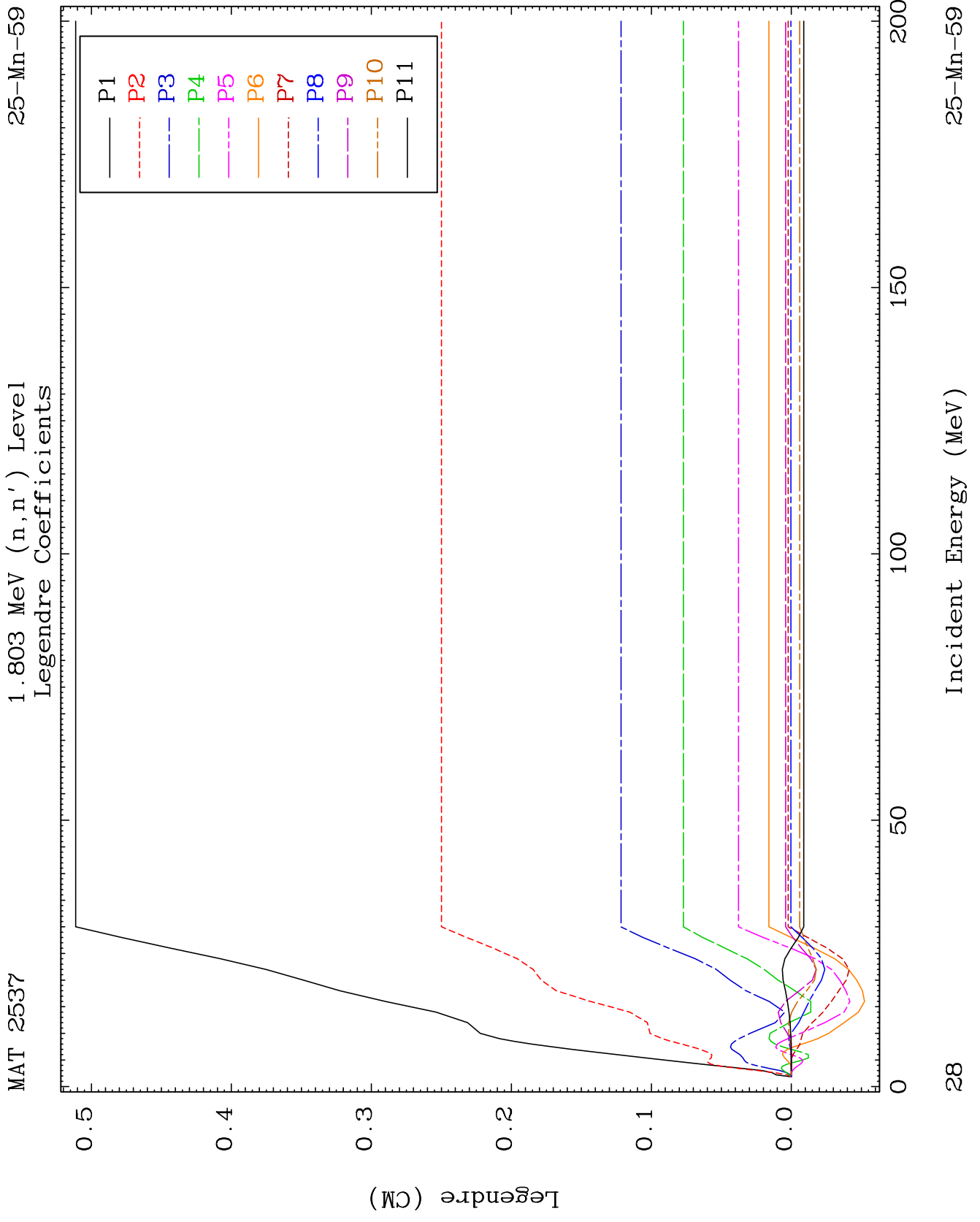
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Legendre Coefficients

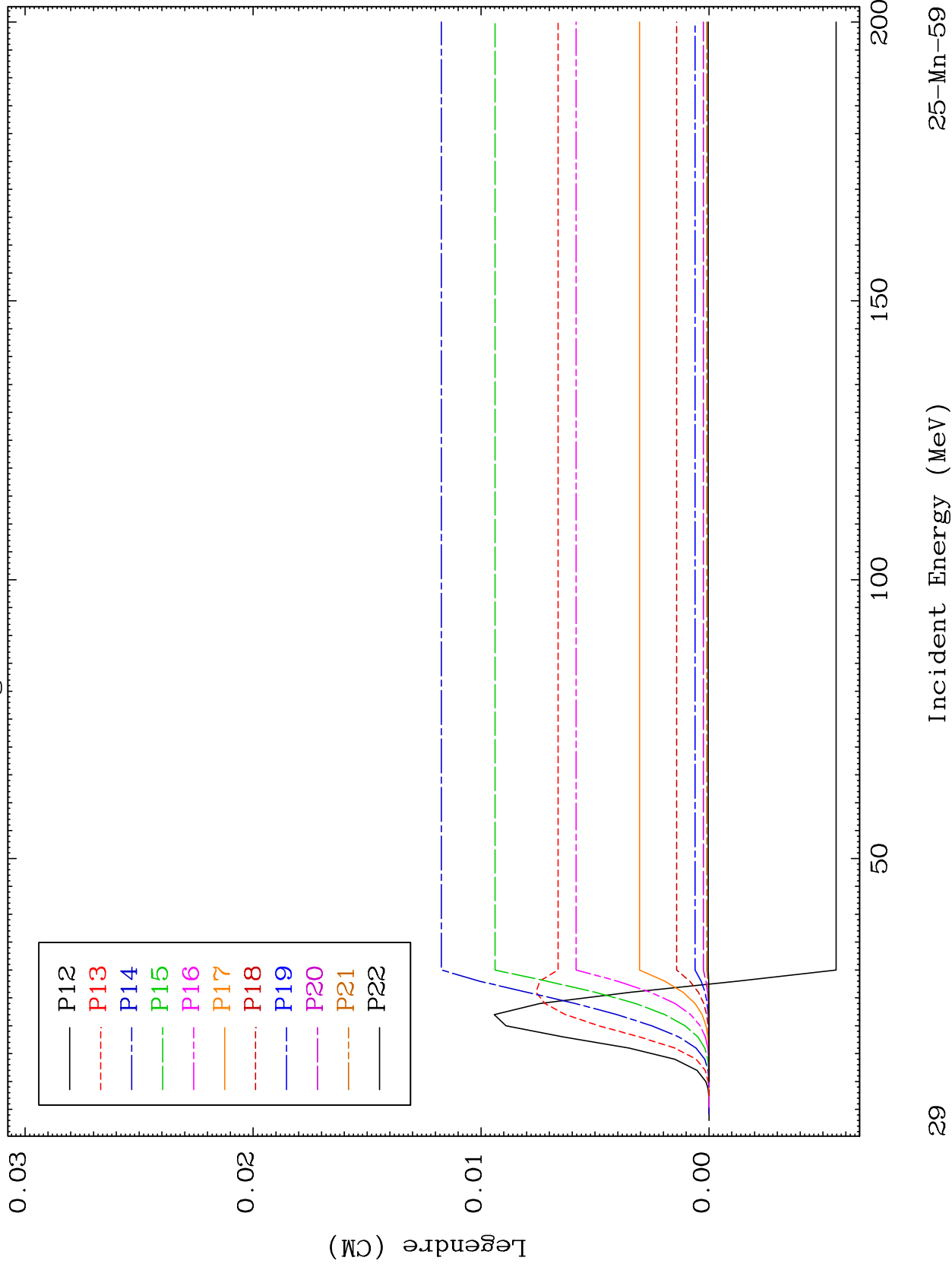
25-Mn-59

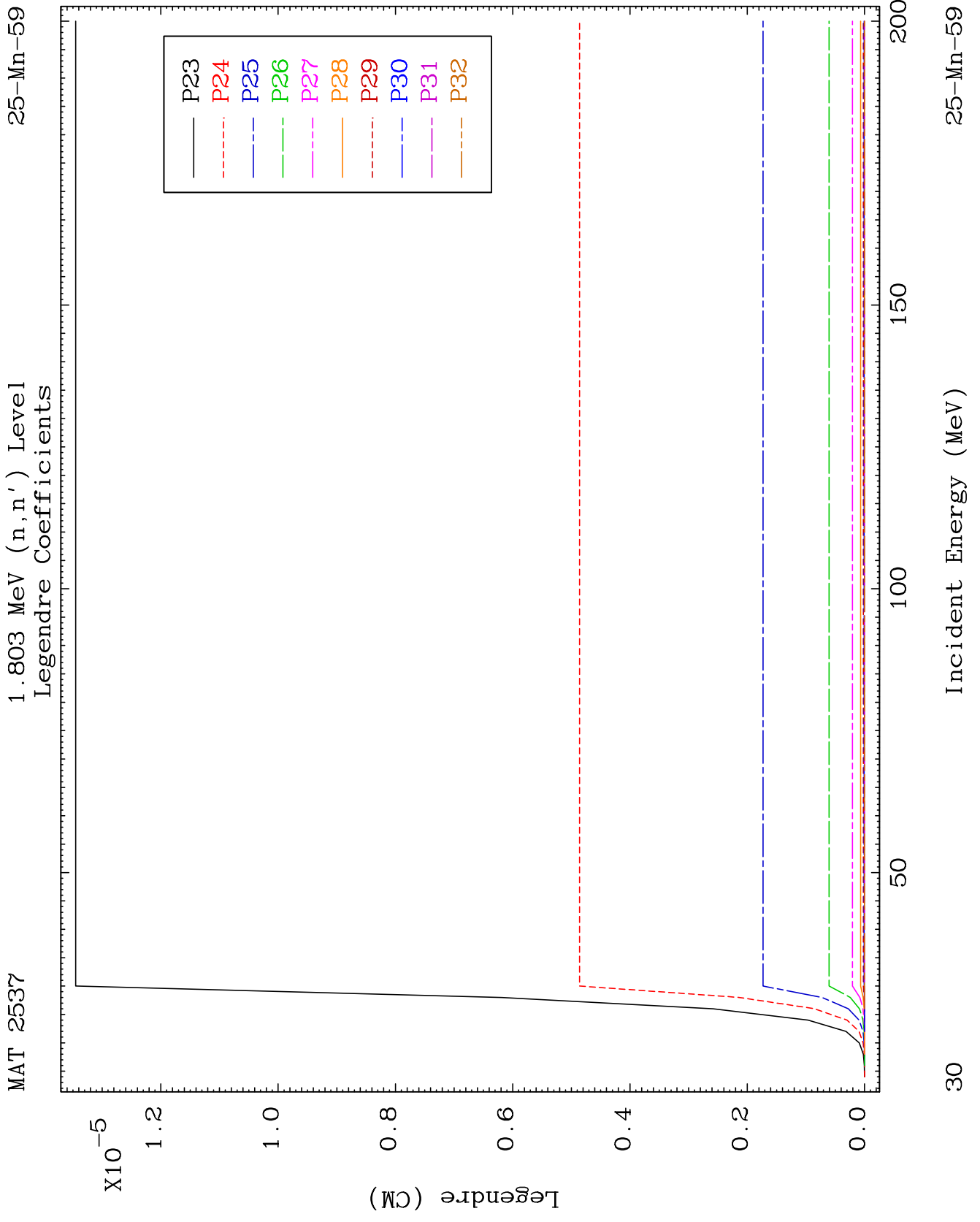


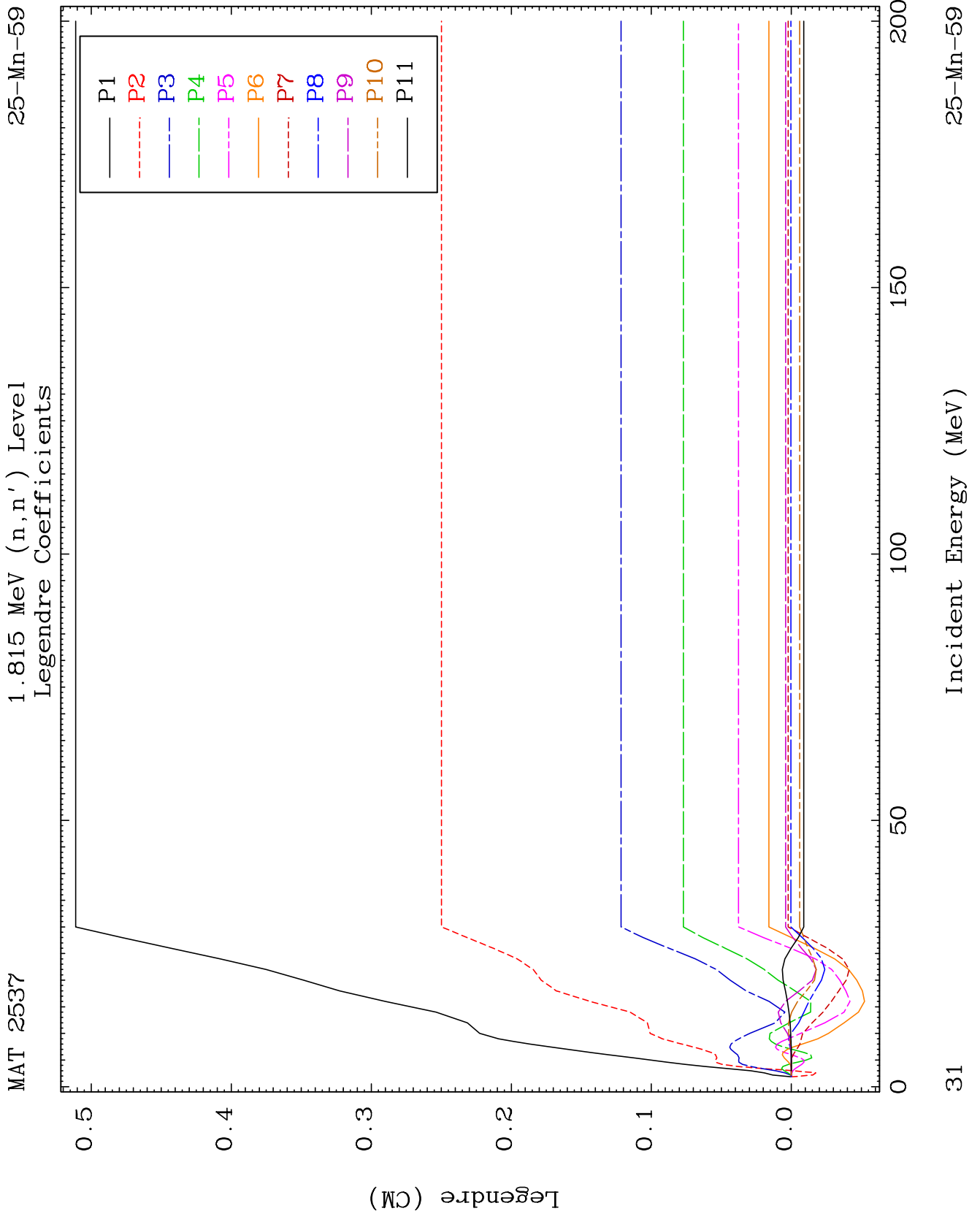








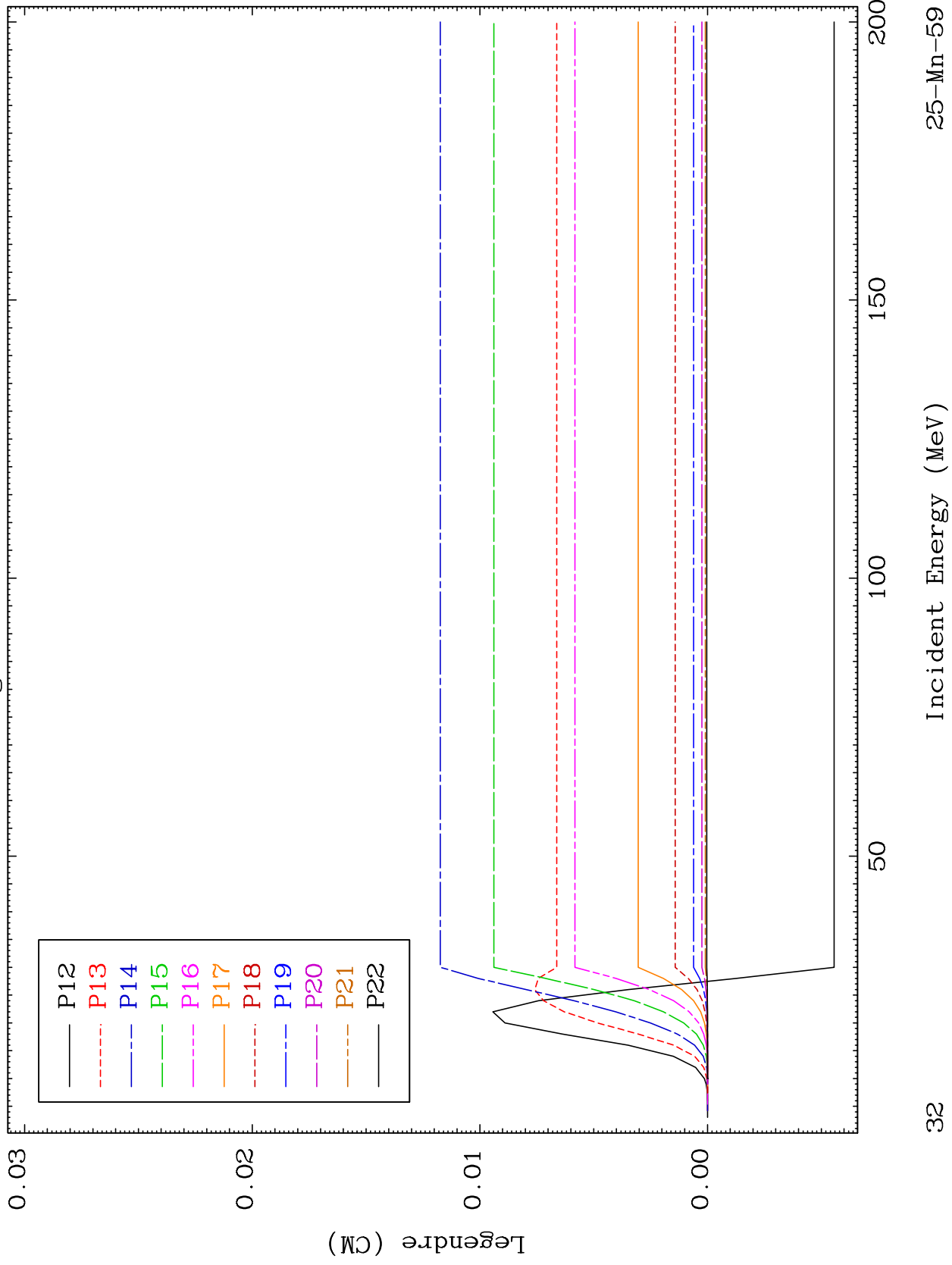




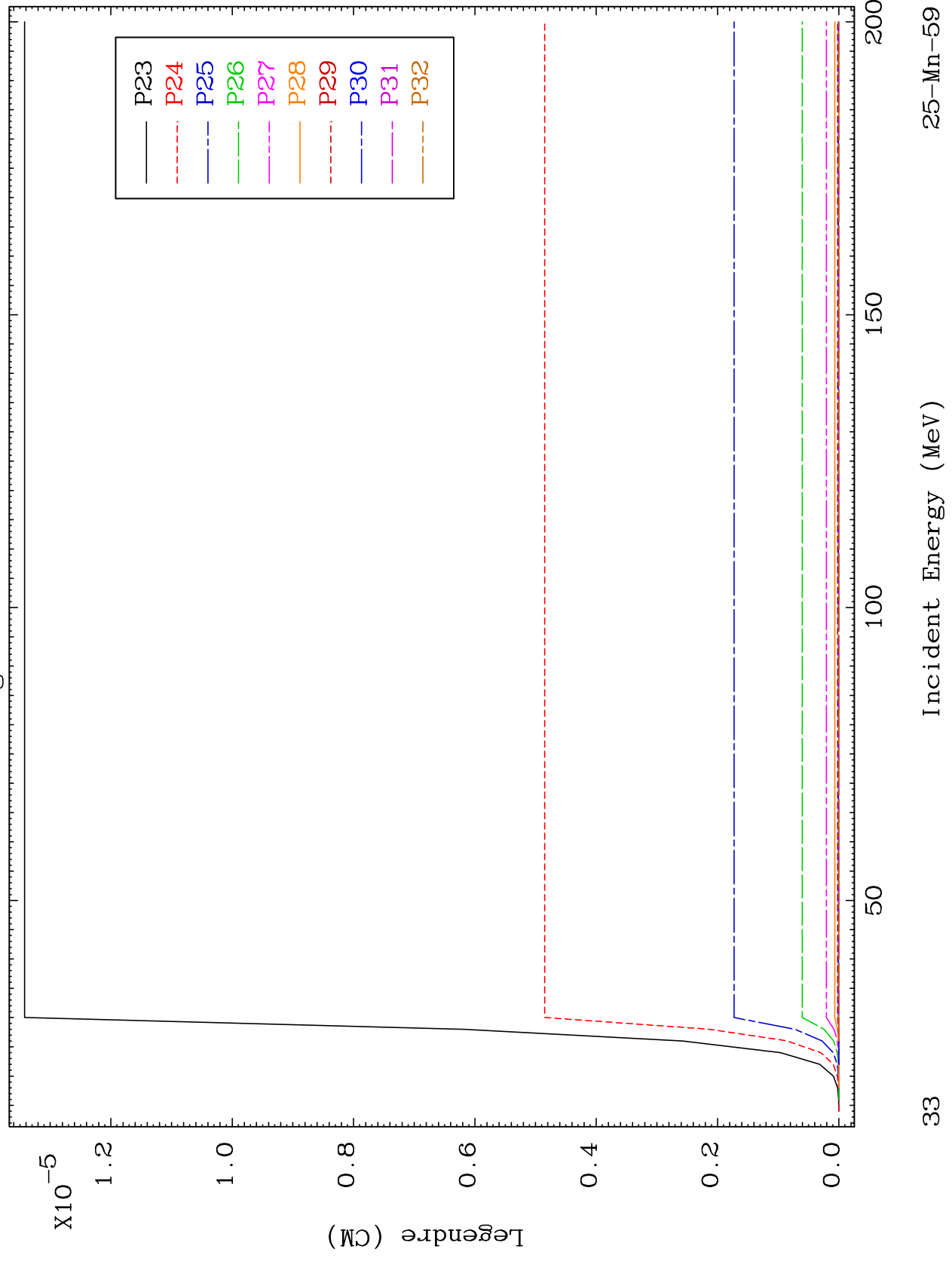
MAT 2537

1.815 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



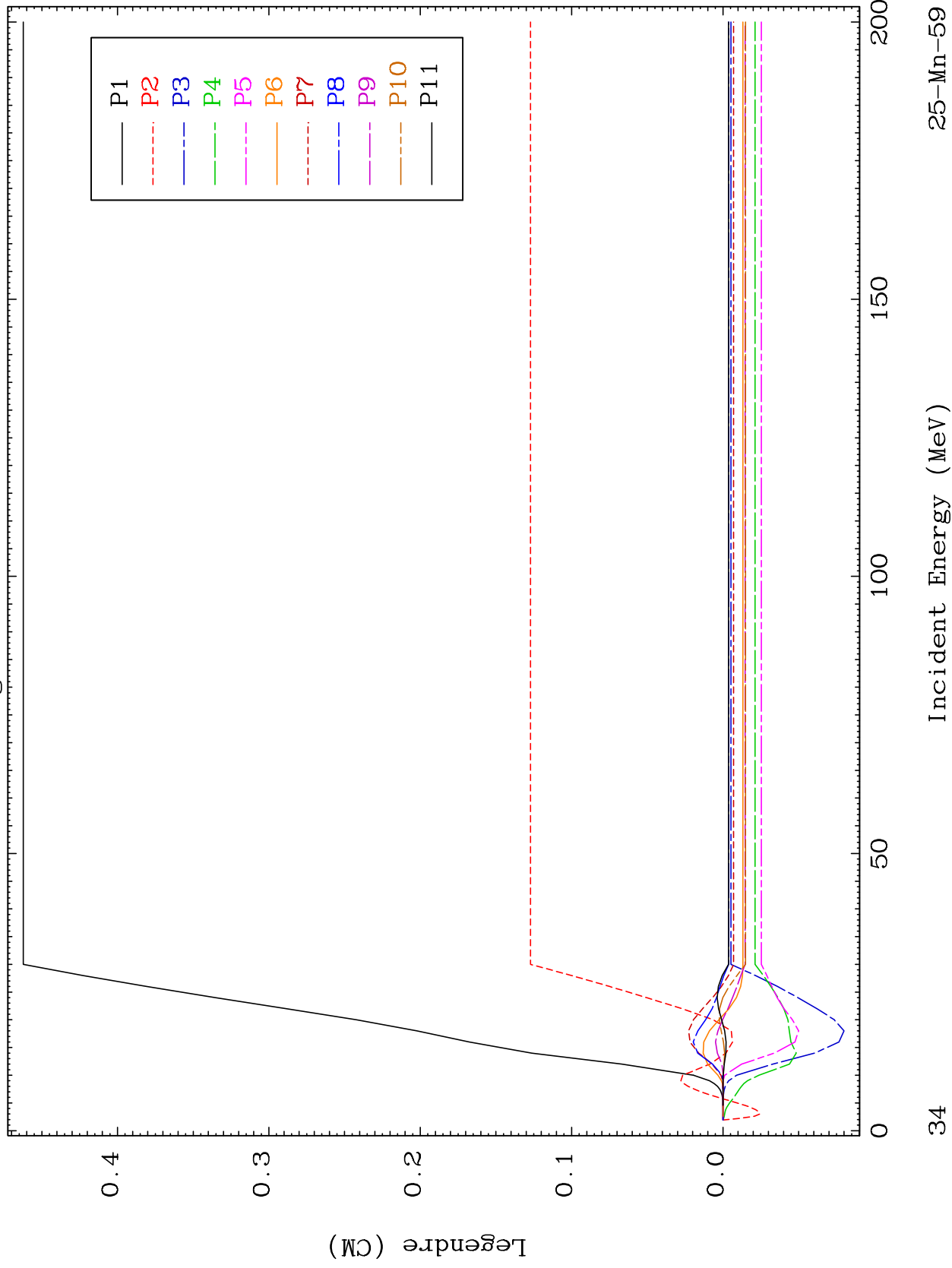
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MAT 2537

1.876 MeV (n,n') Level
Legendre Coefficients

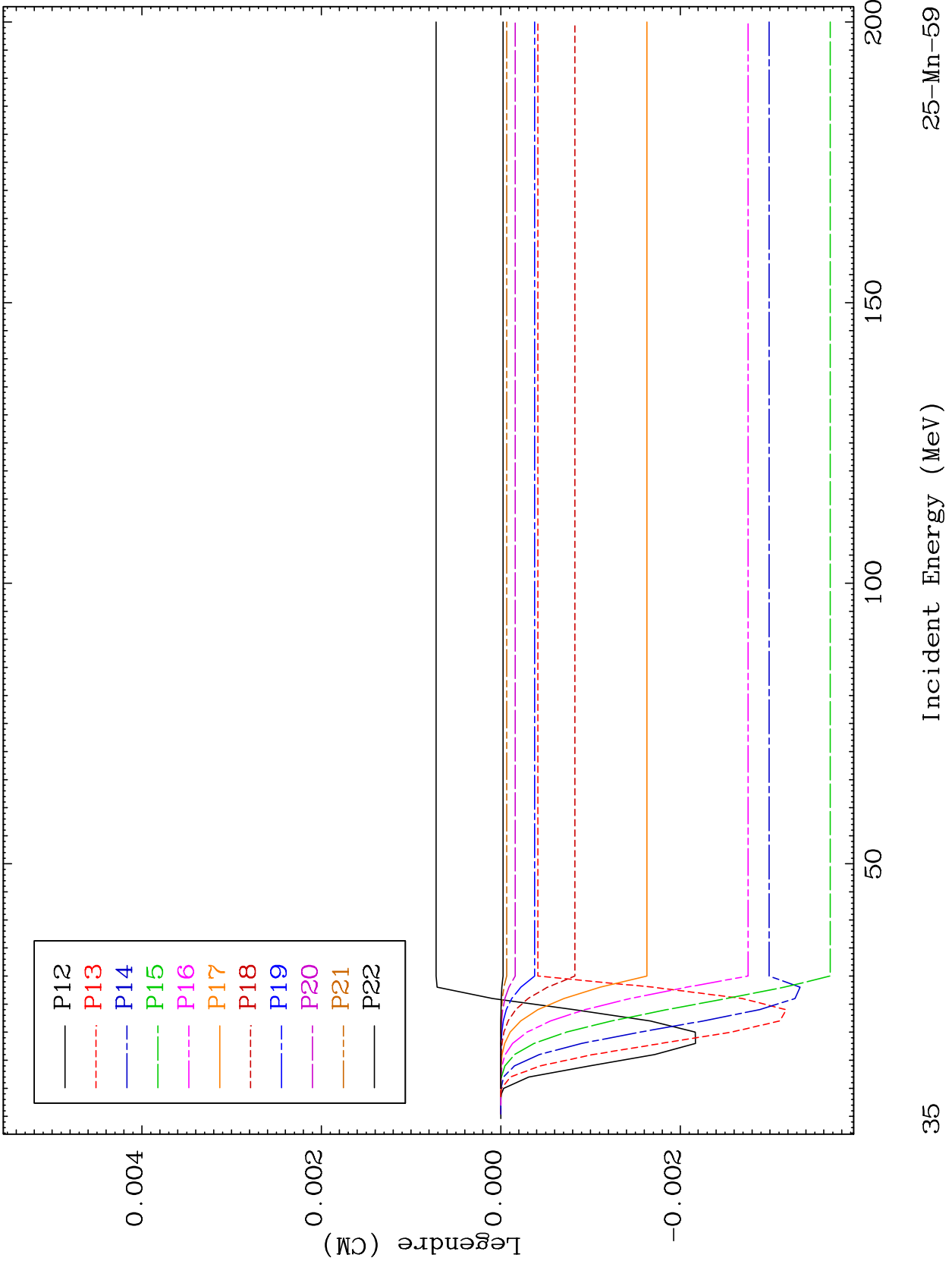
25-Mn-59

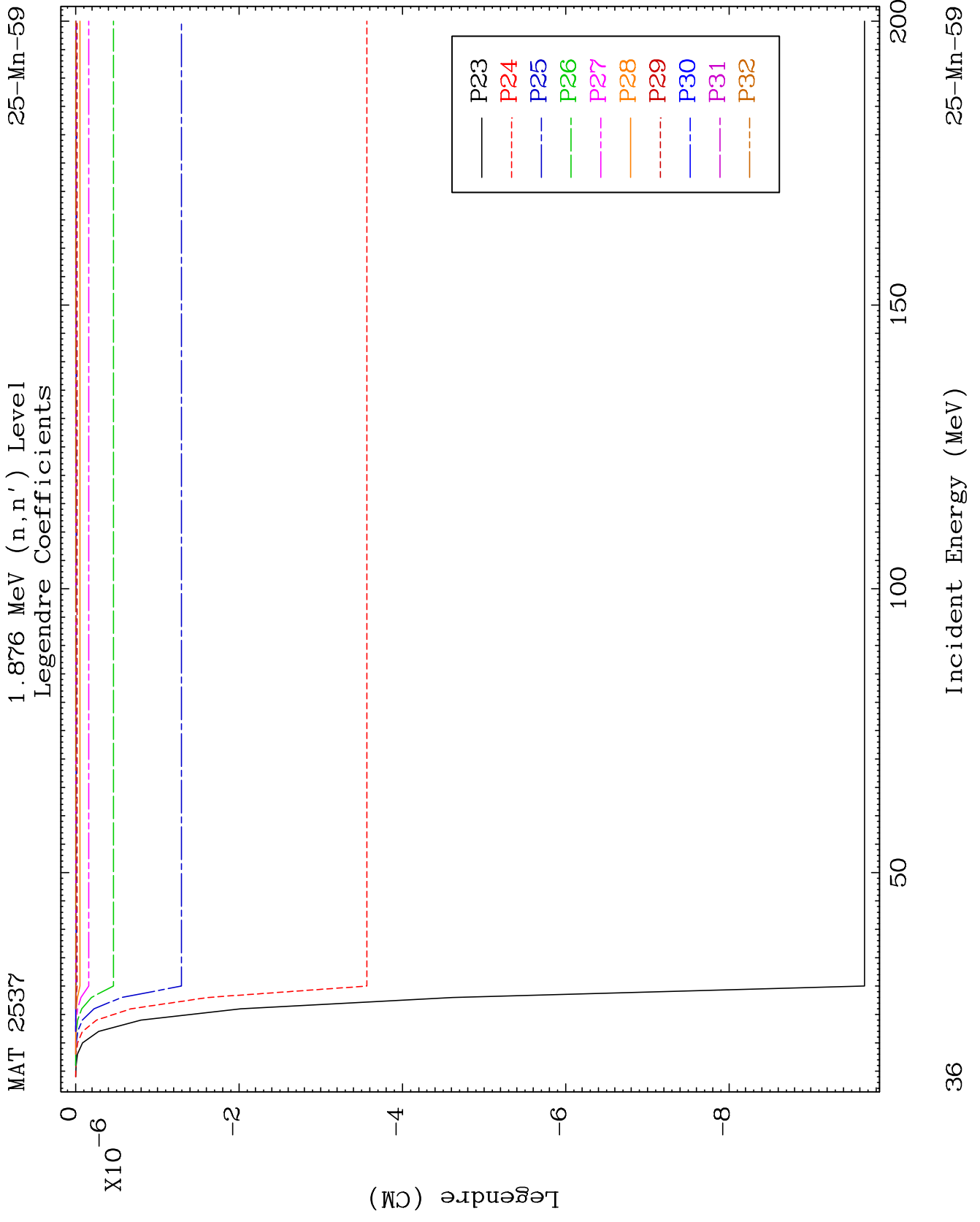


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Incident Energy (MeV)

25-Mn-59

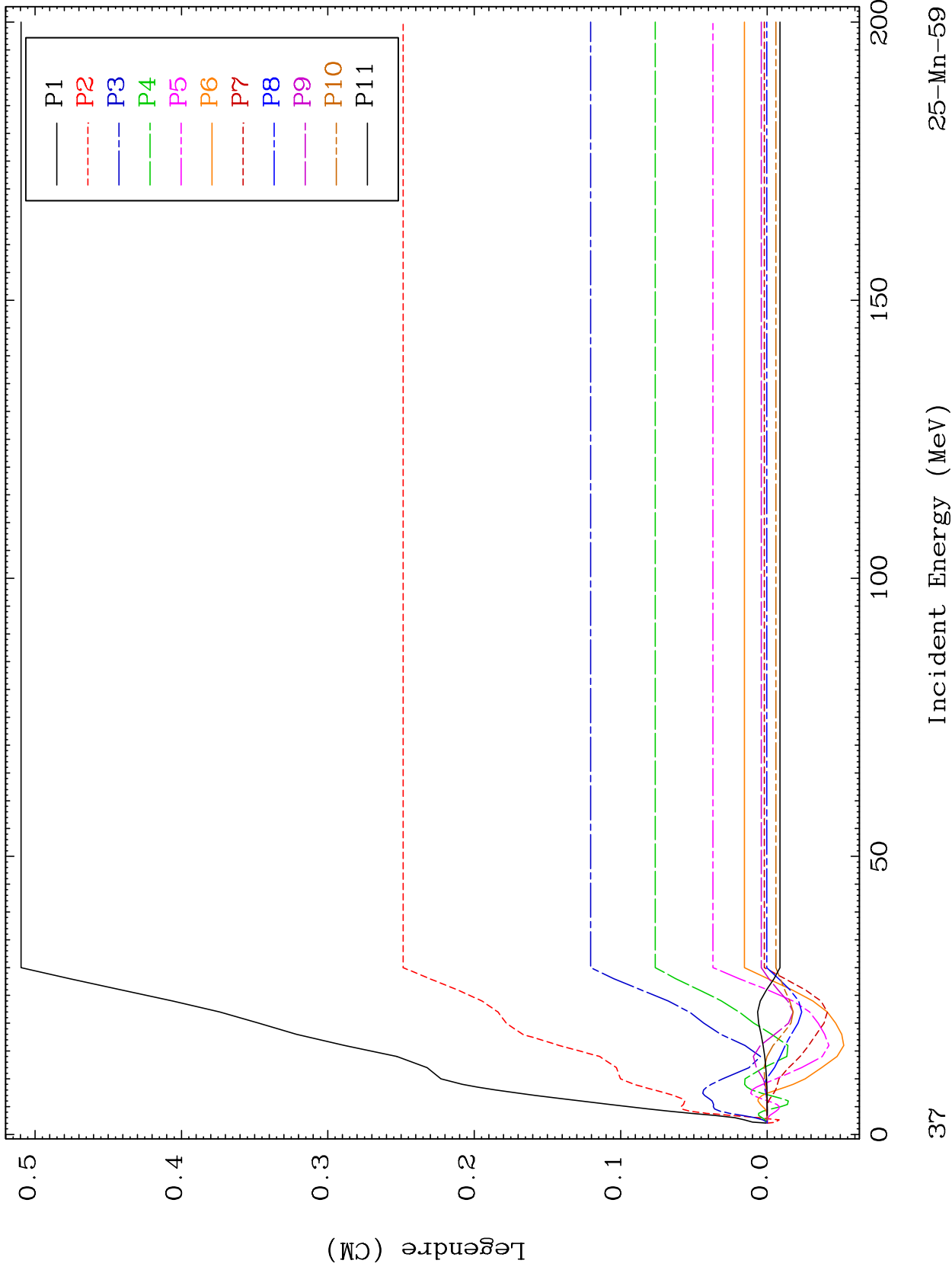




MAT 2537

1.984 MeV (n, n') Level
Legendre Coefficients

25-Mn-59



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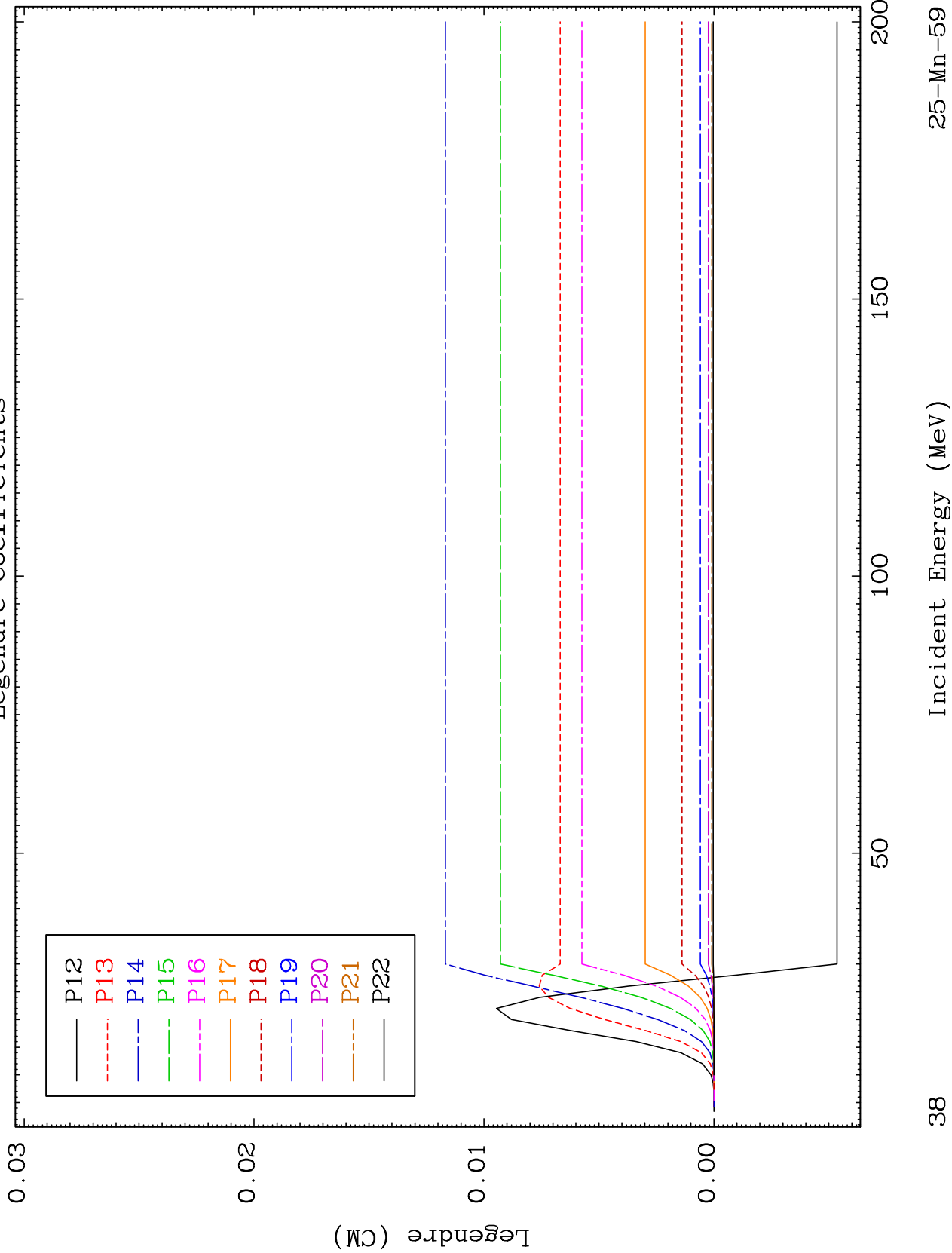
Incident Energy (MeV)

25-Mn-59

MAT 2537

1.984 MeV (n,n') Level
Legendre Coefficients

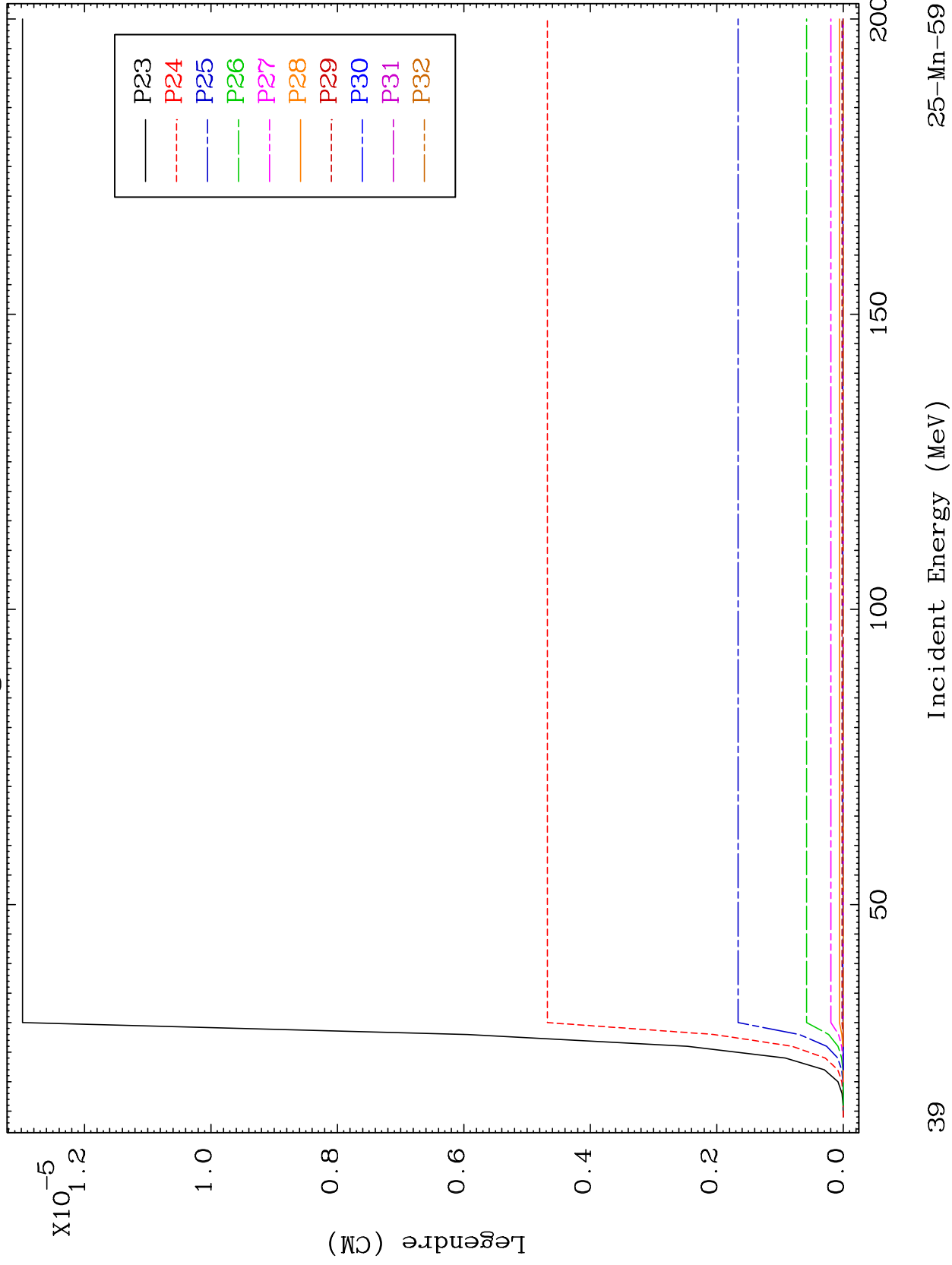
25-Mn-59



MAT 2537

1.984 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



39

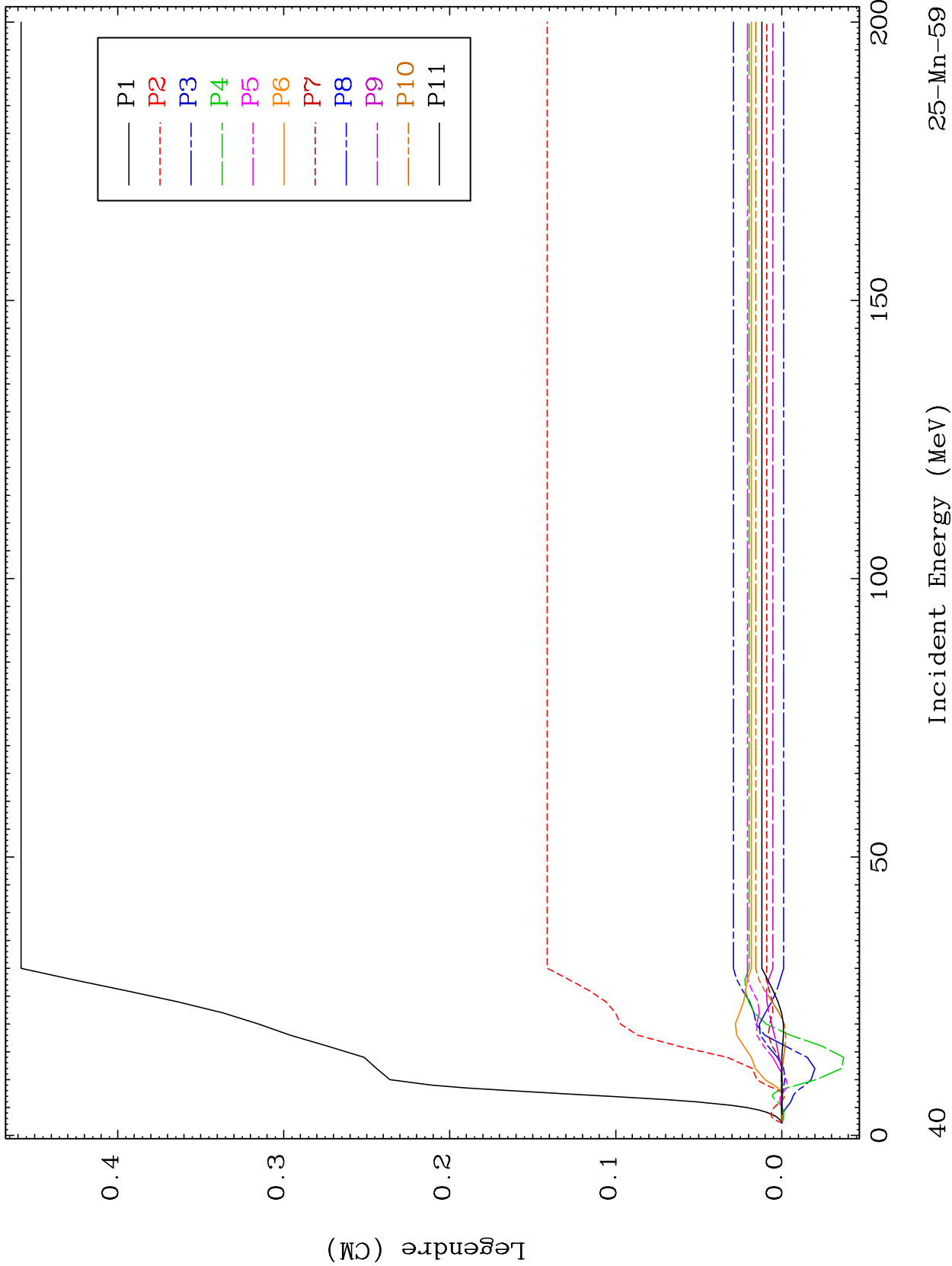
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.163 MeV (n,n') Level
Legendre Coefficients

25-Mn-59

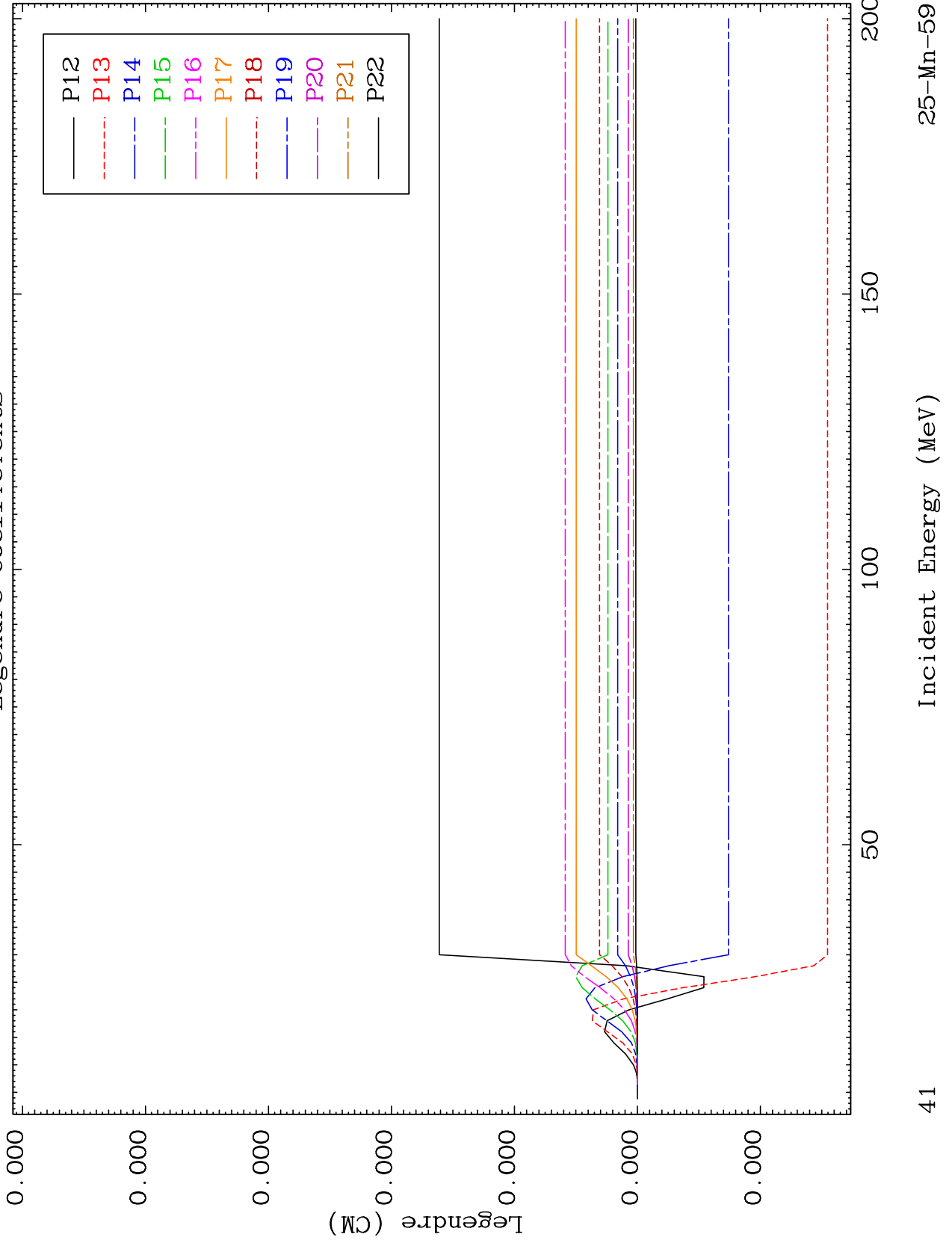


25-Mn-59

MAT 2537

2.163 MeV (n,n') Level
Legendre Coefficients

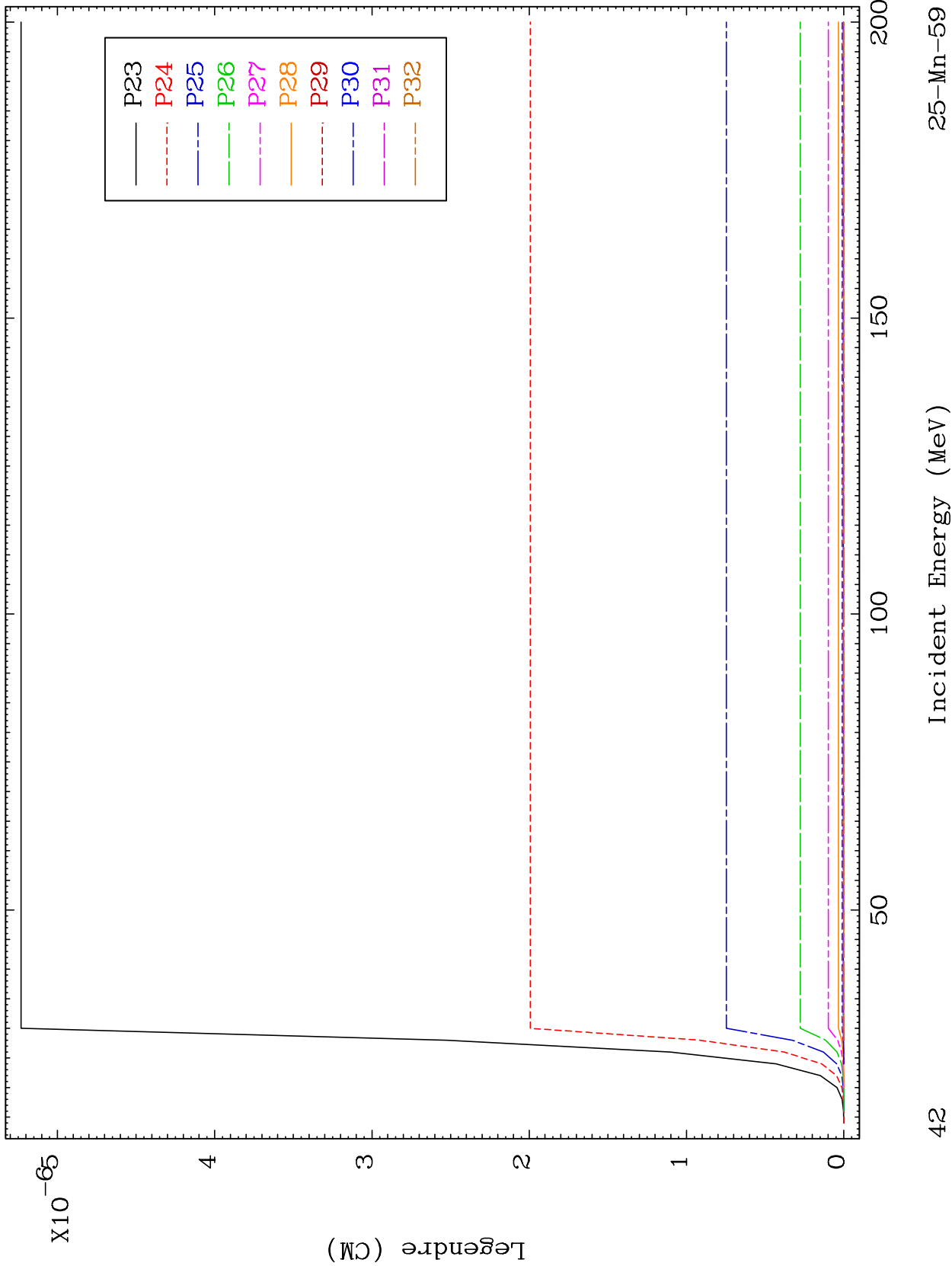
25-Mn-59



MAT 2537

2.163 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



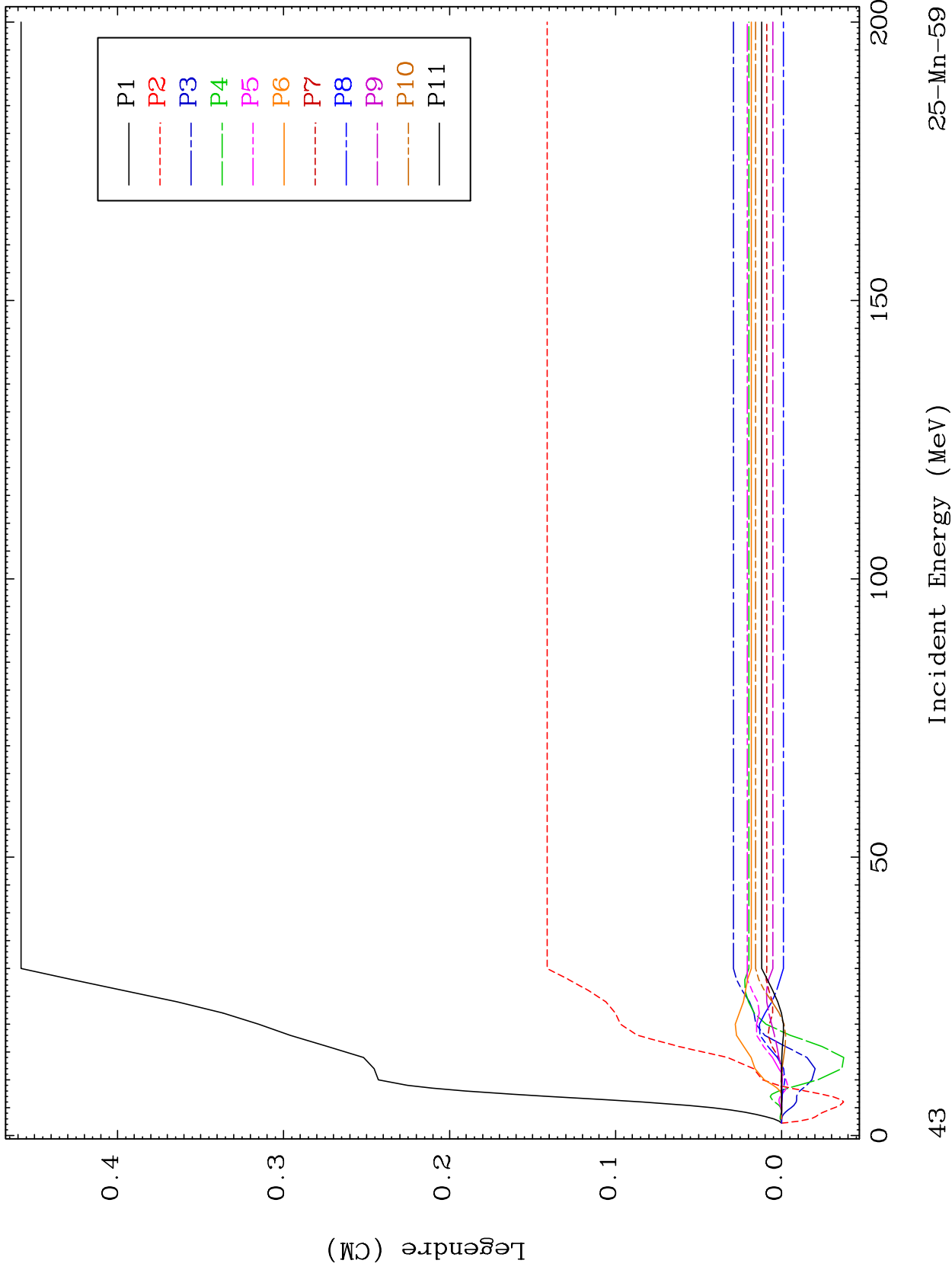
42

25-Mn-59

MAT 2537

2.171 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



43

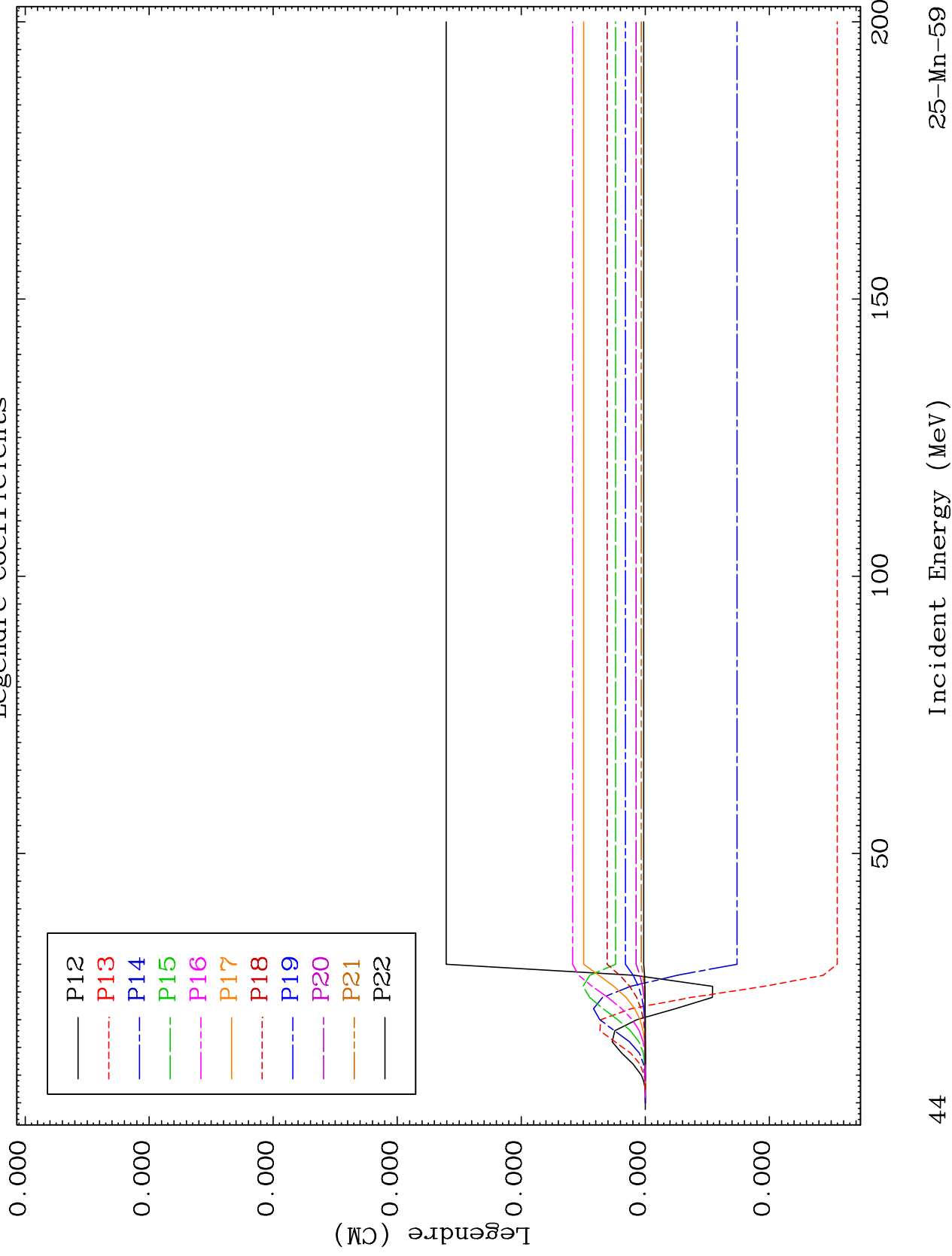
Incident Energy (MeV)

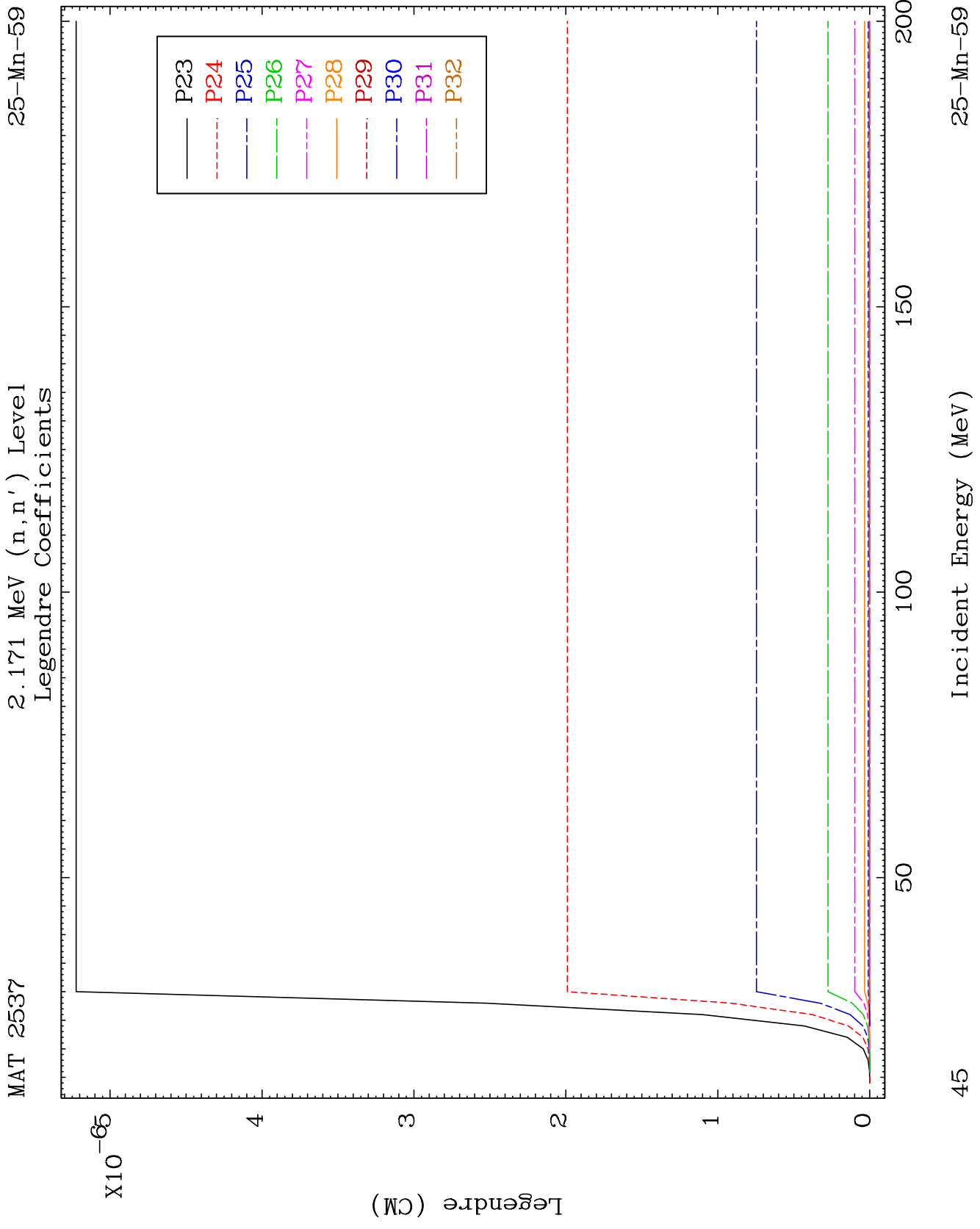
25-Mn-59

MAT 2537

2.171 MeV (n,n') Level
Legendre Coefficients

25-Mn-59

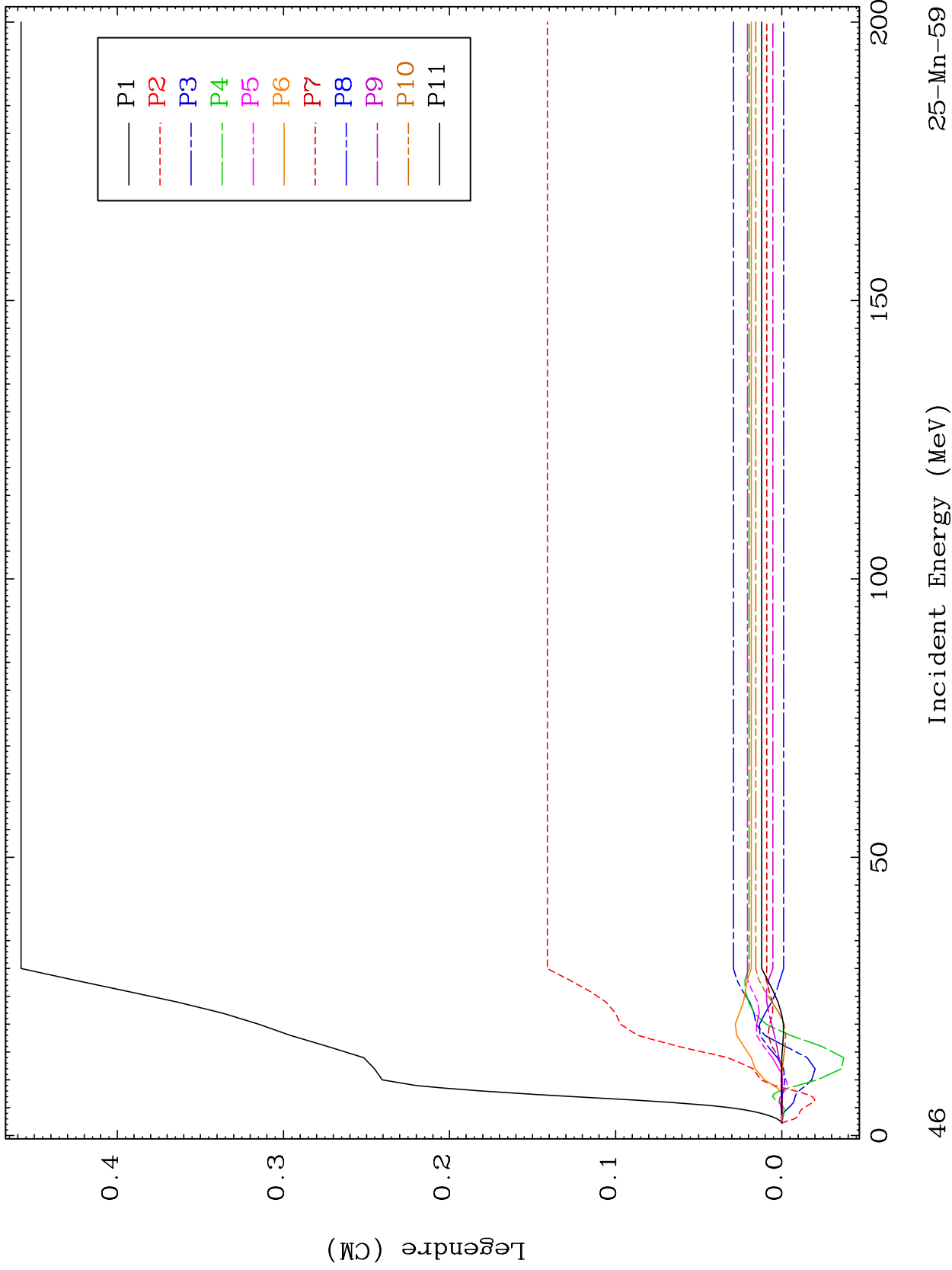




MAT 2537

2.189 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



46

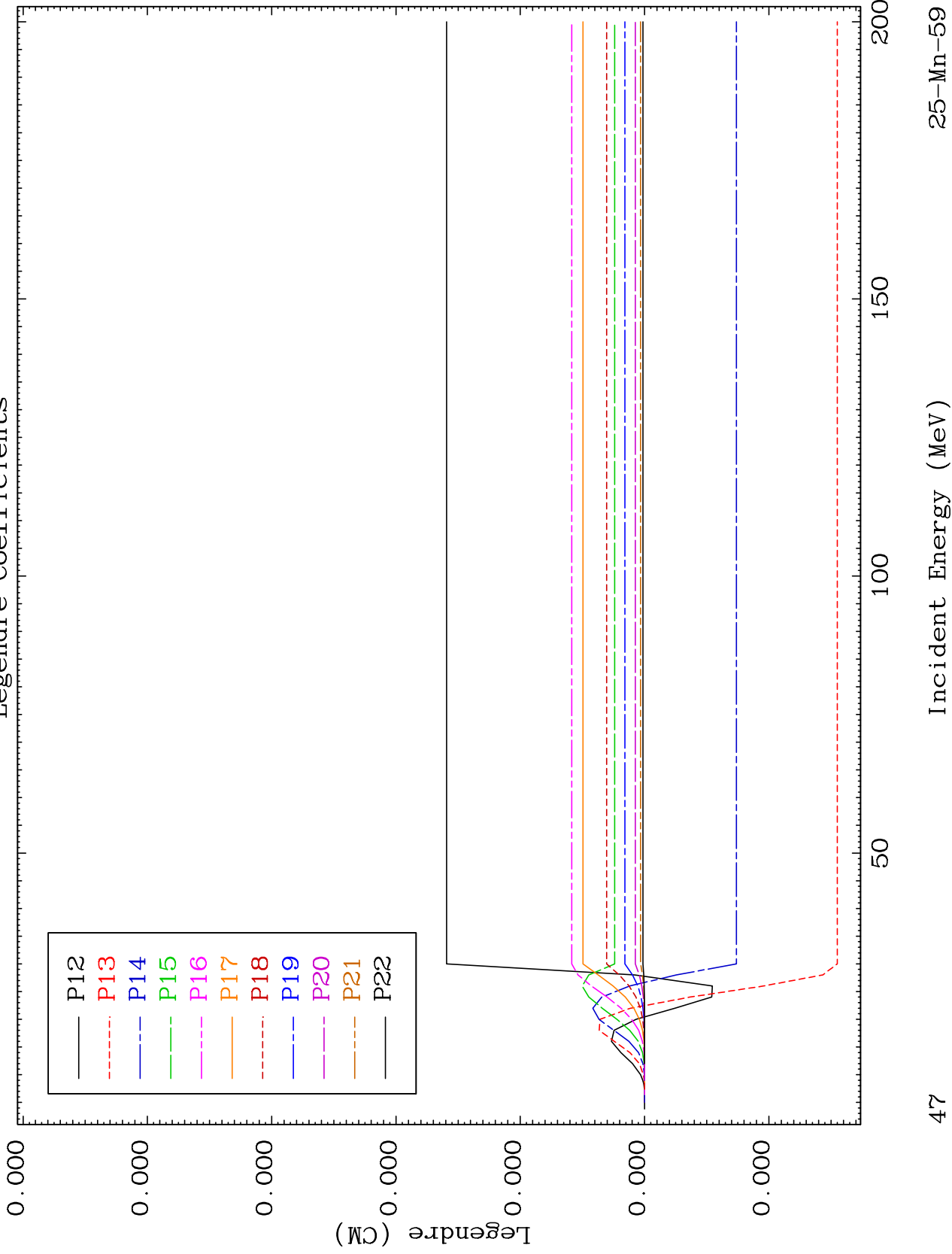
Incident Energy (MeV)

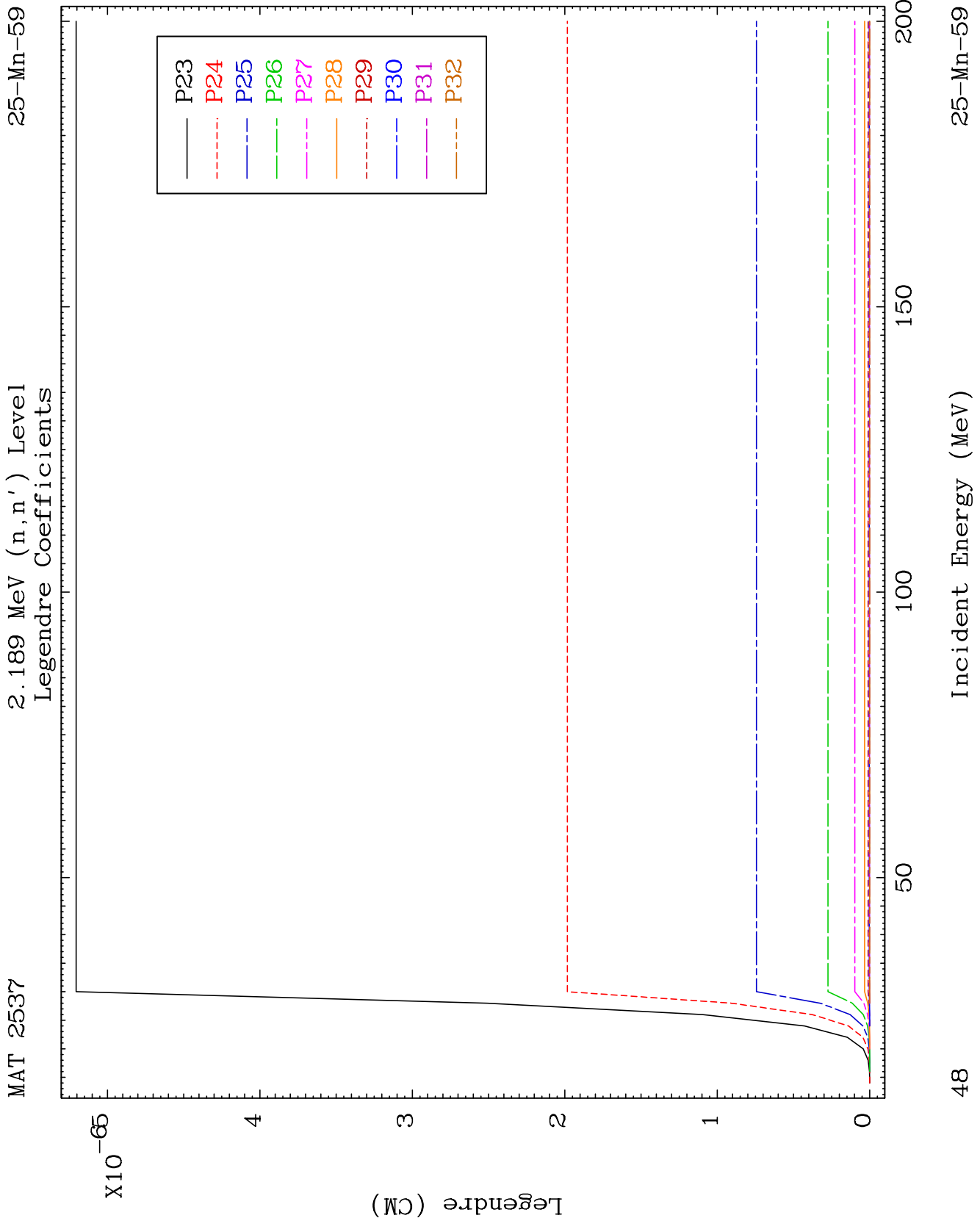
25-Mn-59

MAT 2537

2.189 MeV (n,n') Level
Legendre Coefficients

25-Mn-59

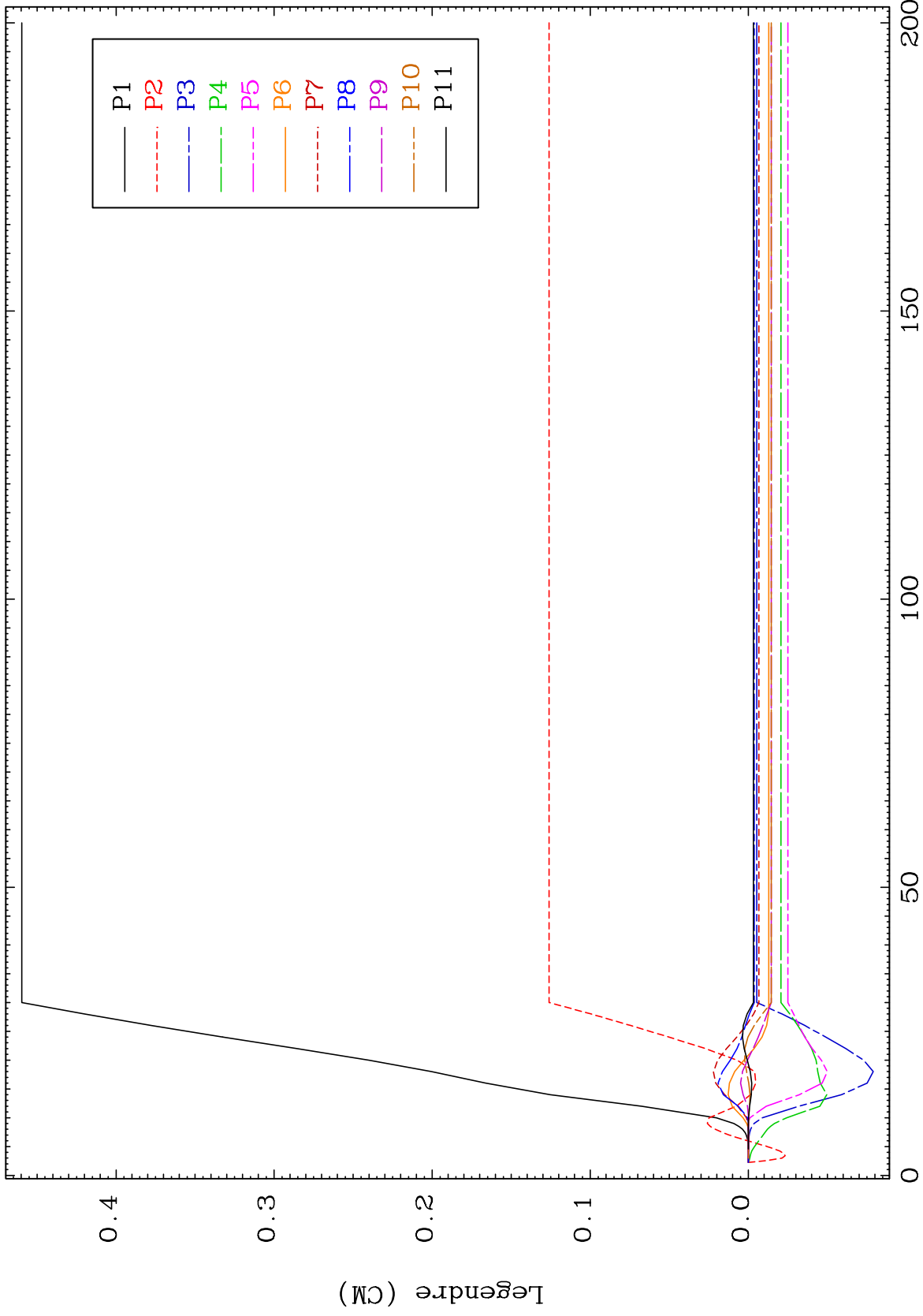




MAT 2537

2.196 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



49

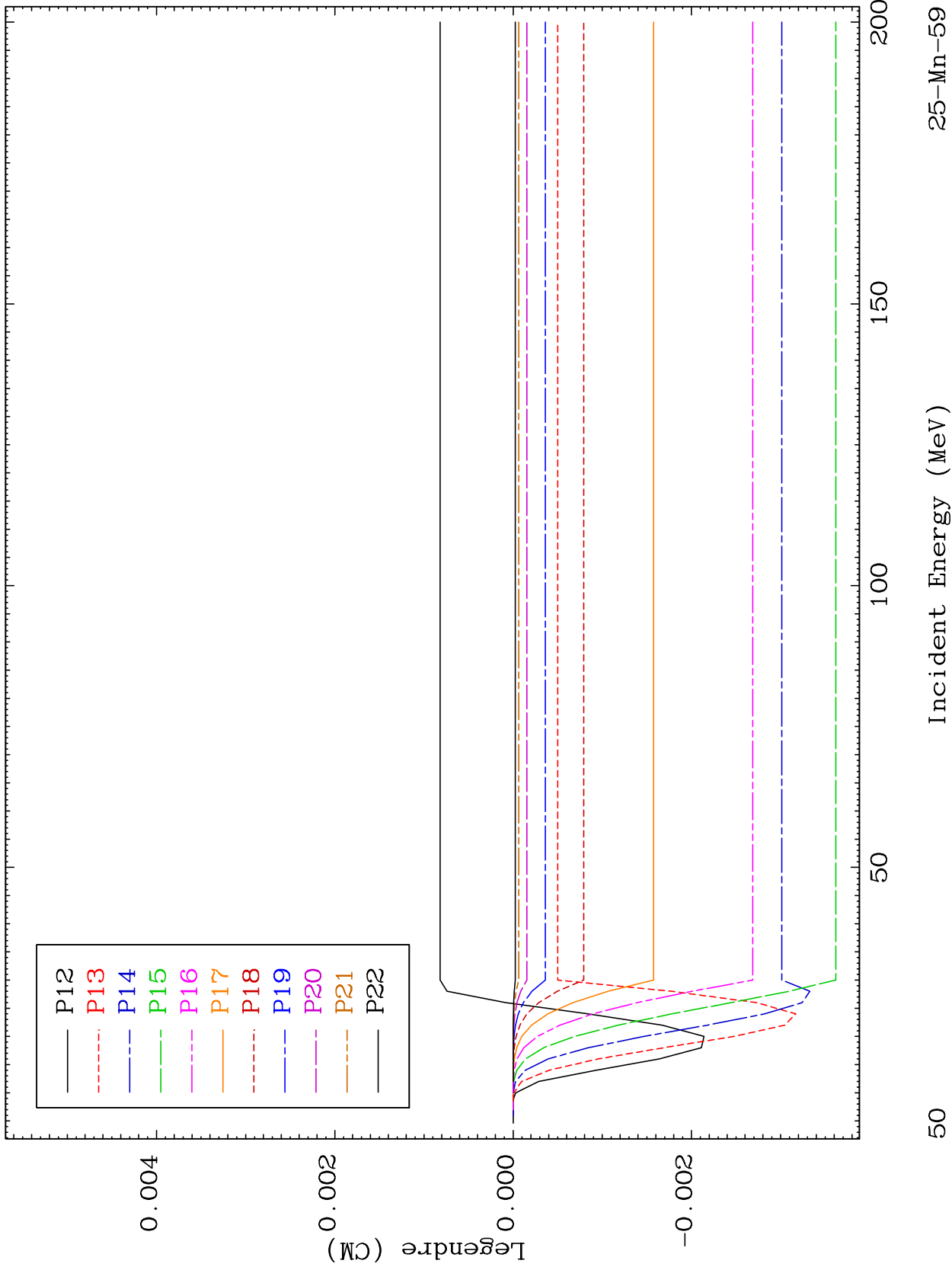
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.196 MeV (n, n') Level
Legendre Coefficients

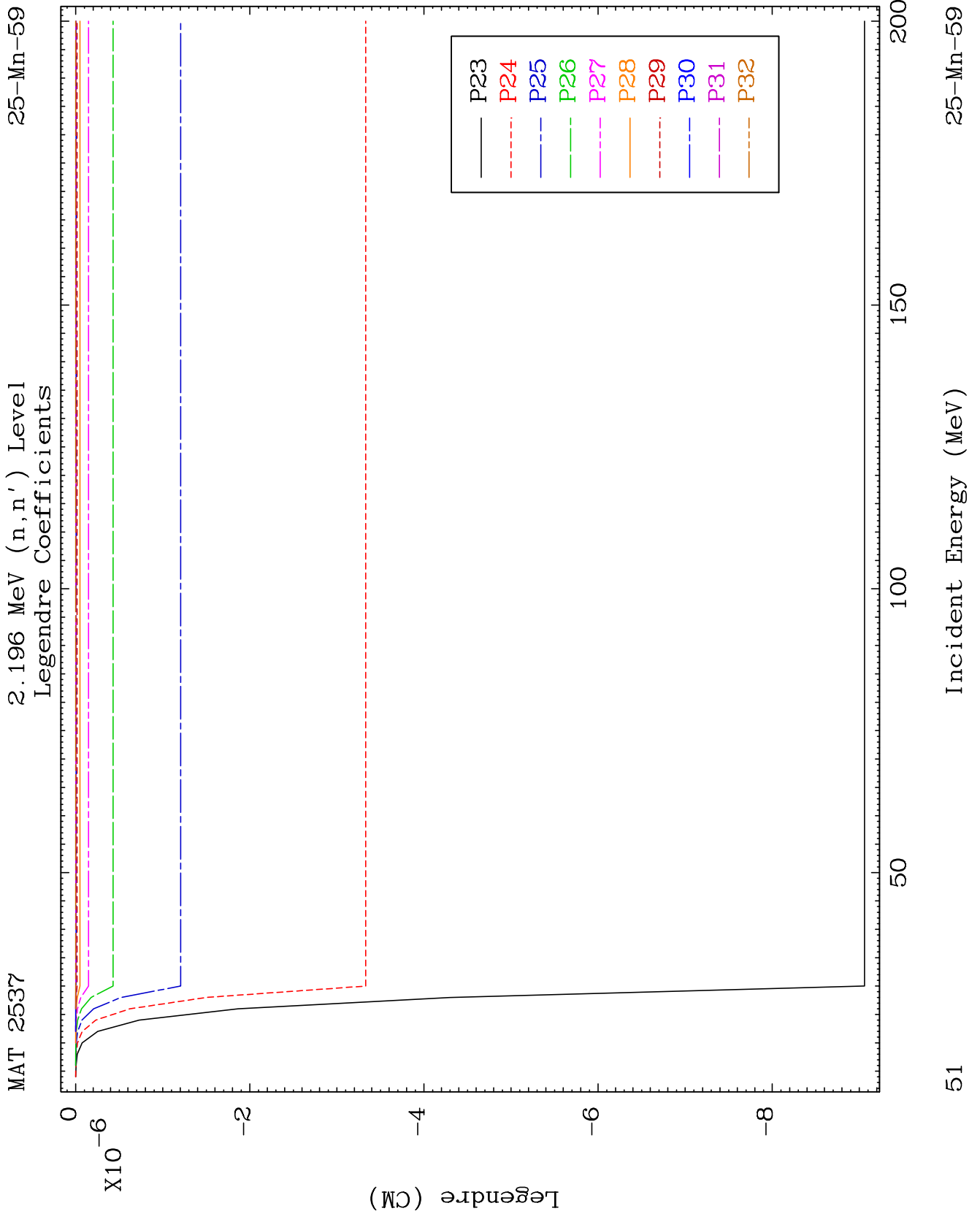
25-Mn-59



50

Incident Energy (MeV)

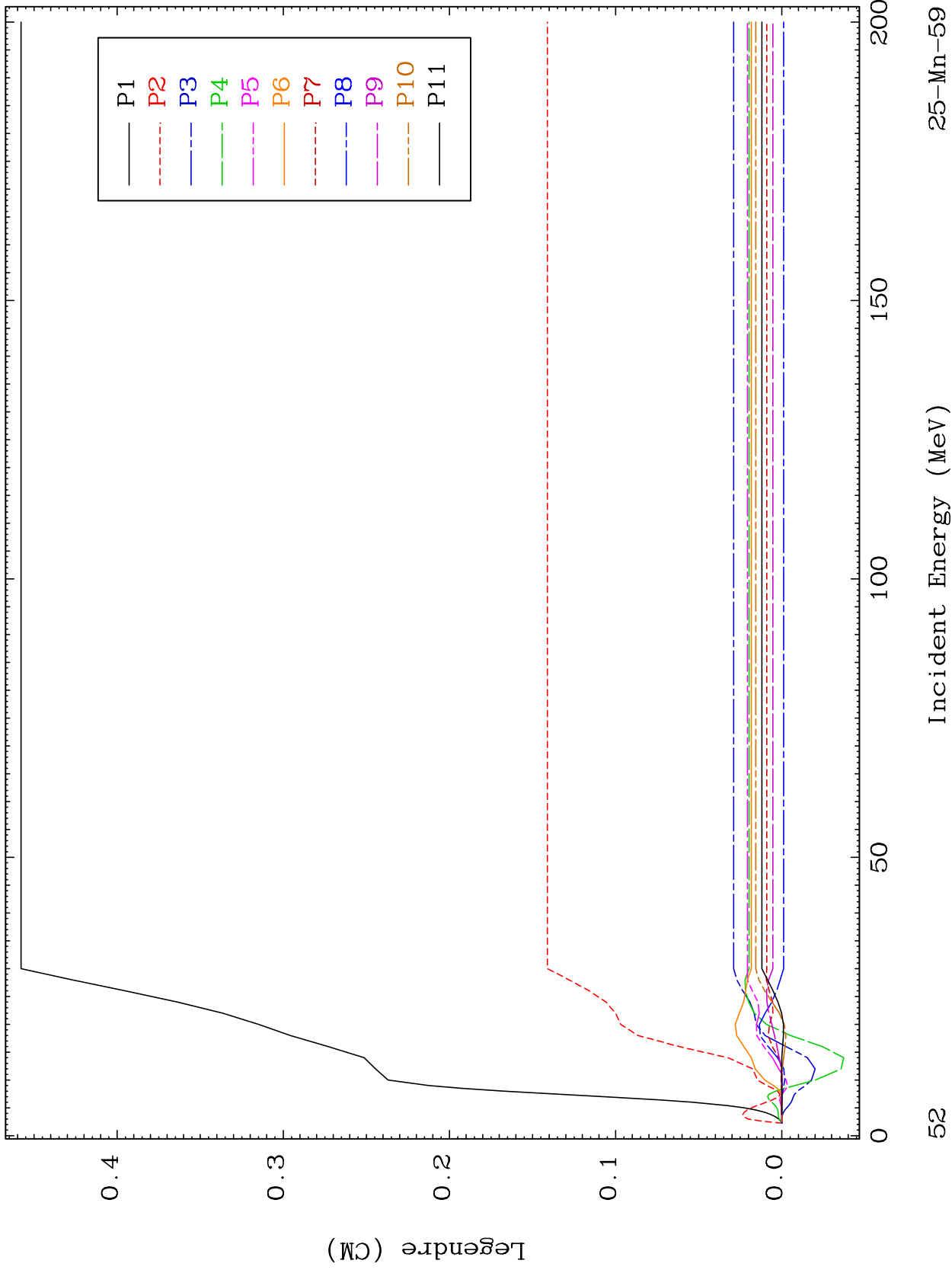
25-Mn-59



MAT 2537

2.207 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



25-Mn-59

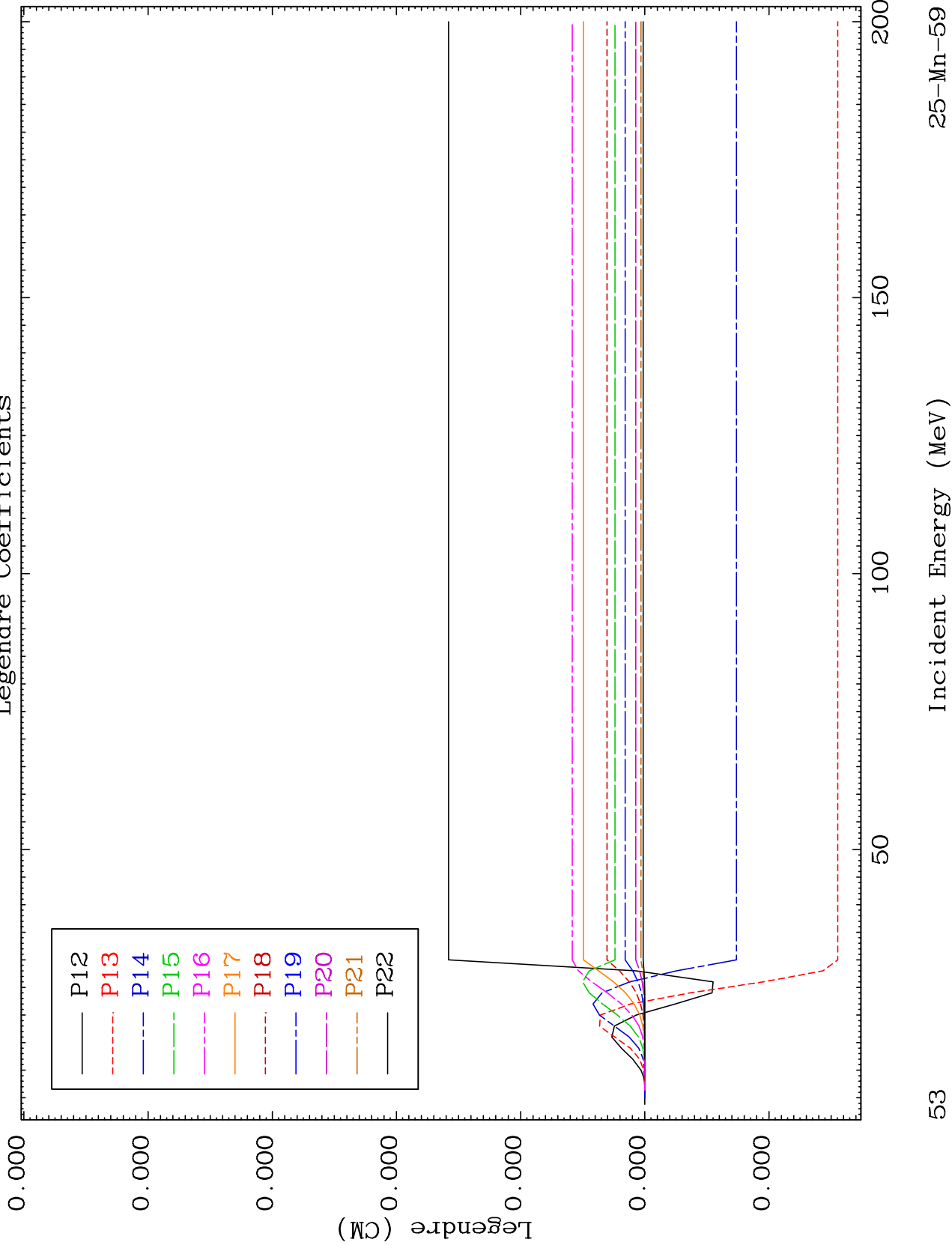
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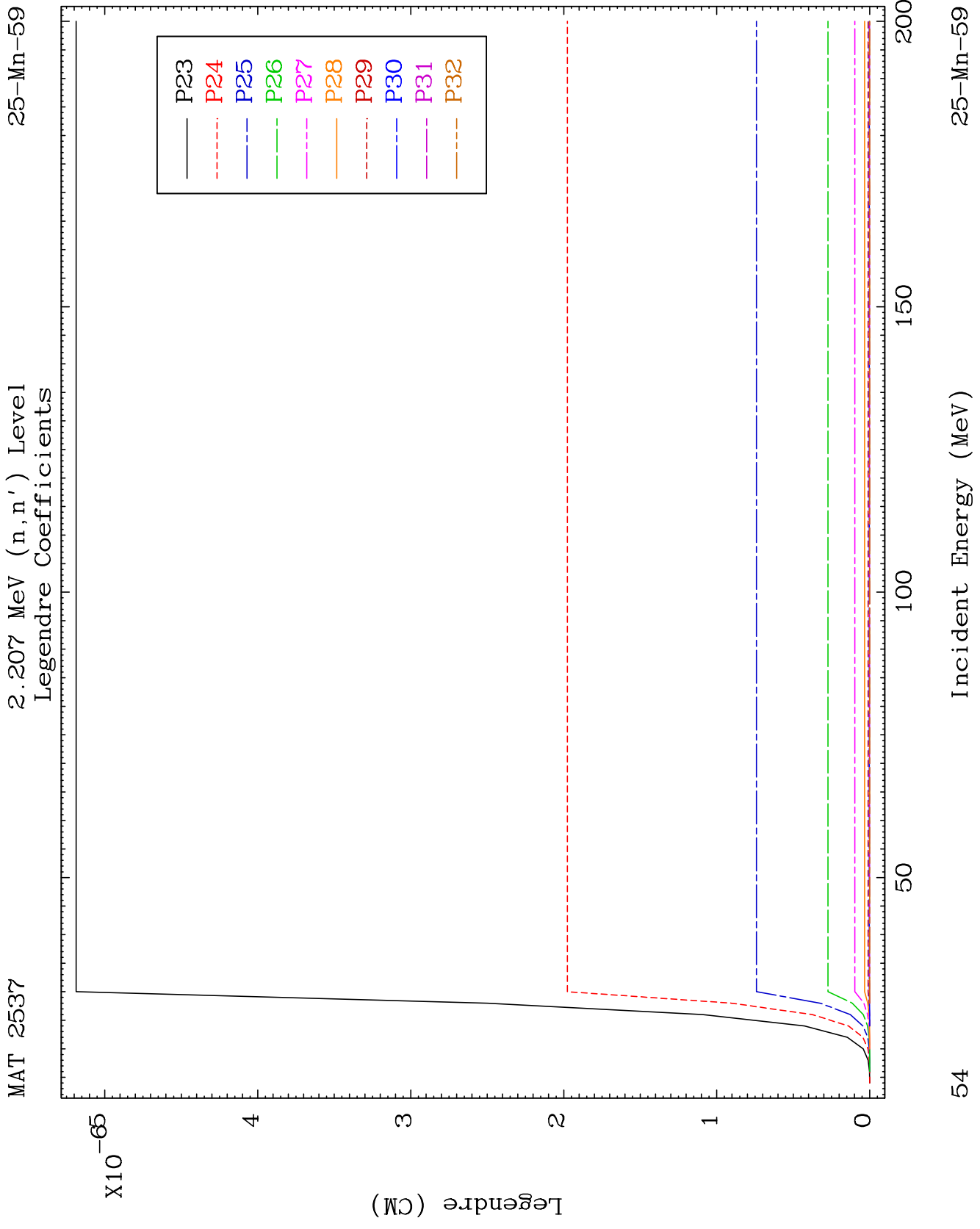
52

MAT 2537

2.207 MeV (n,n') Level
Legendre Coefficients

25-Mn-59

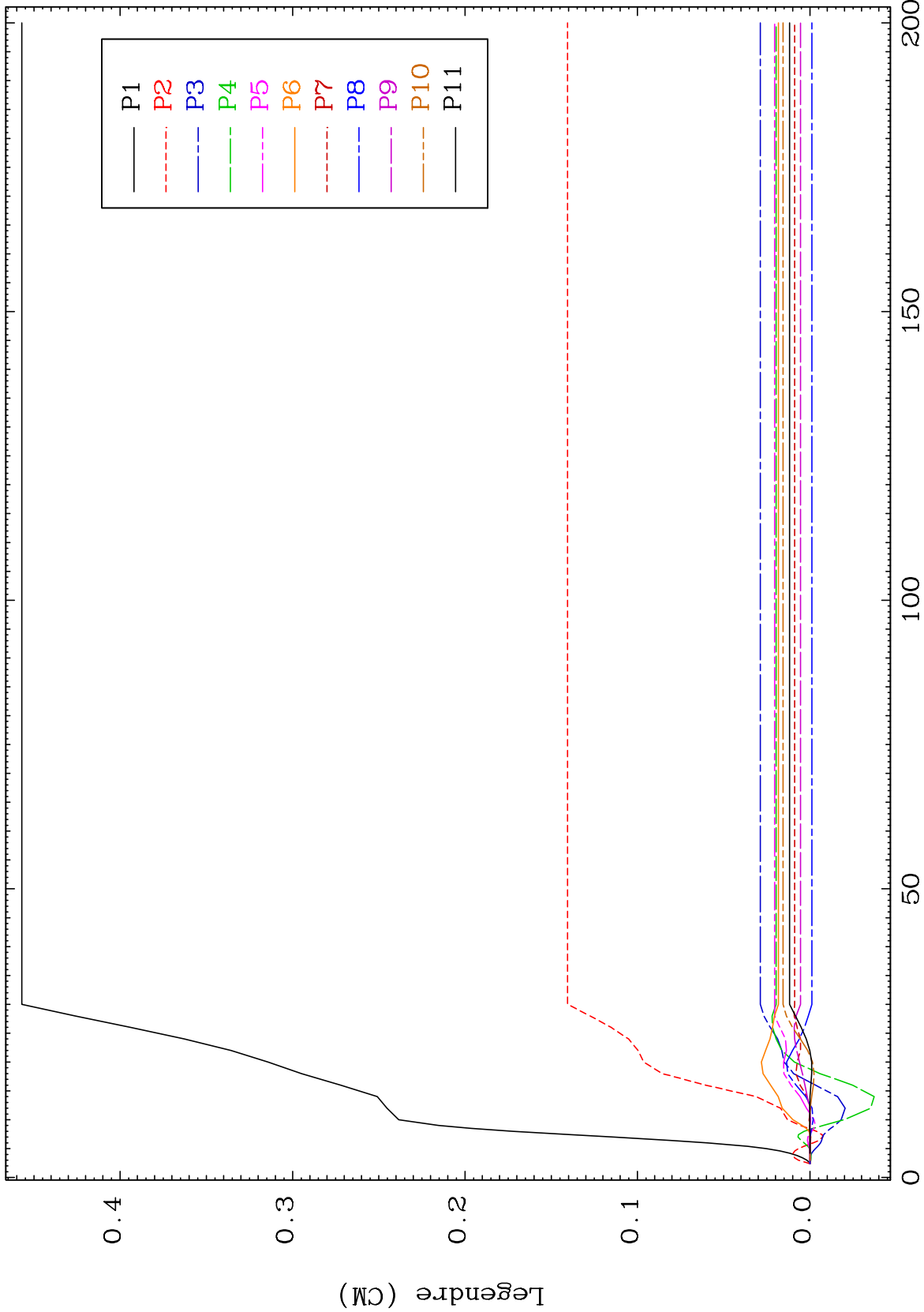




MAT 2537

2.325 MeV (n,n') Level
Legendre Coefficients

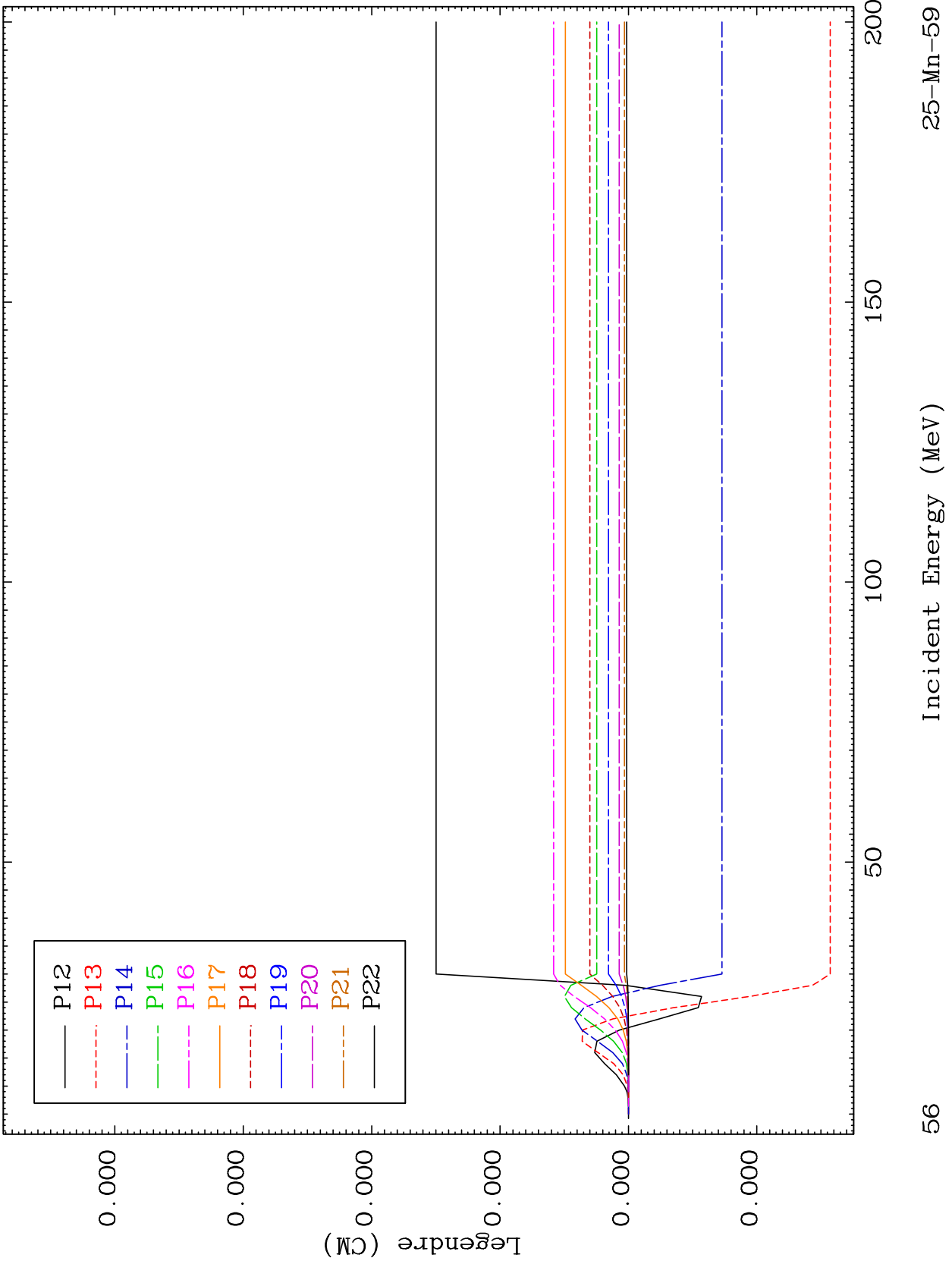
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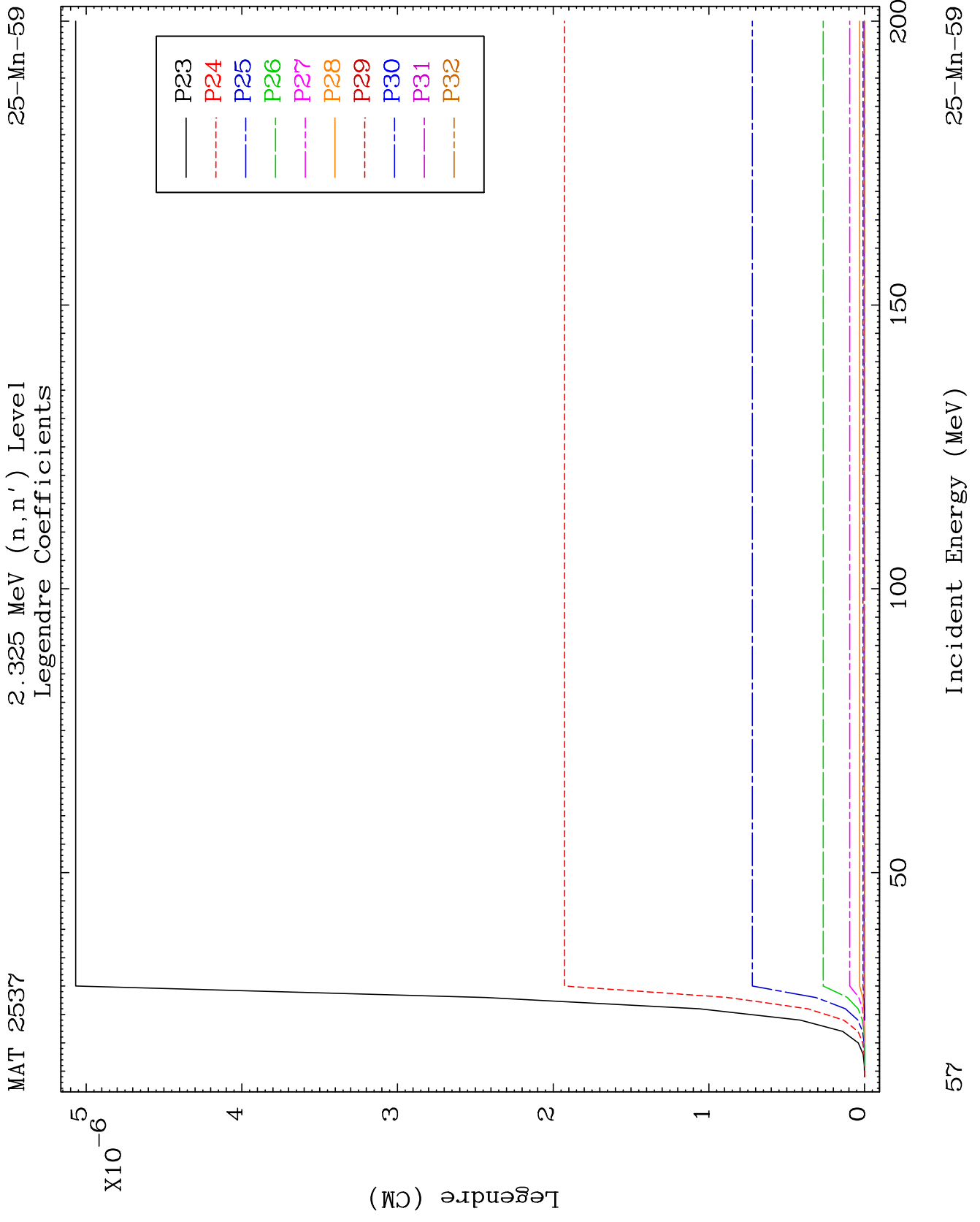


55

Incident Energy (MeV)

25-Mn-59

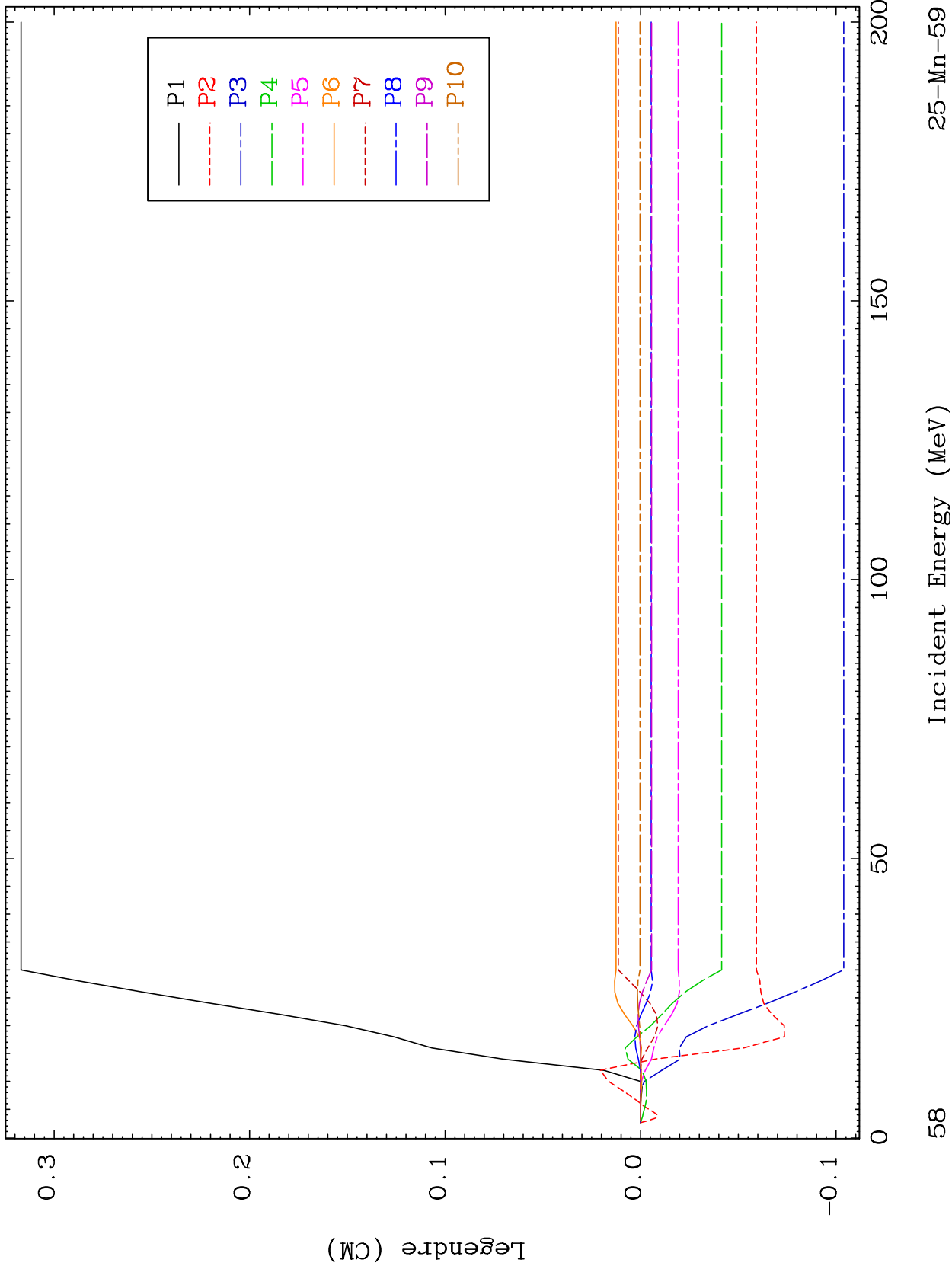




MAT 2537

2.488 MeV (n,n') Level
Legendre Coefficients

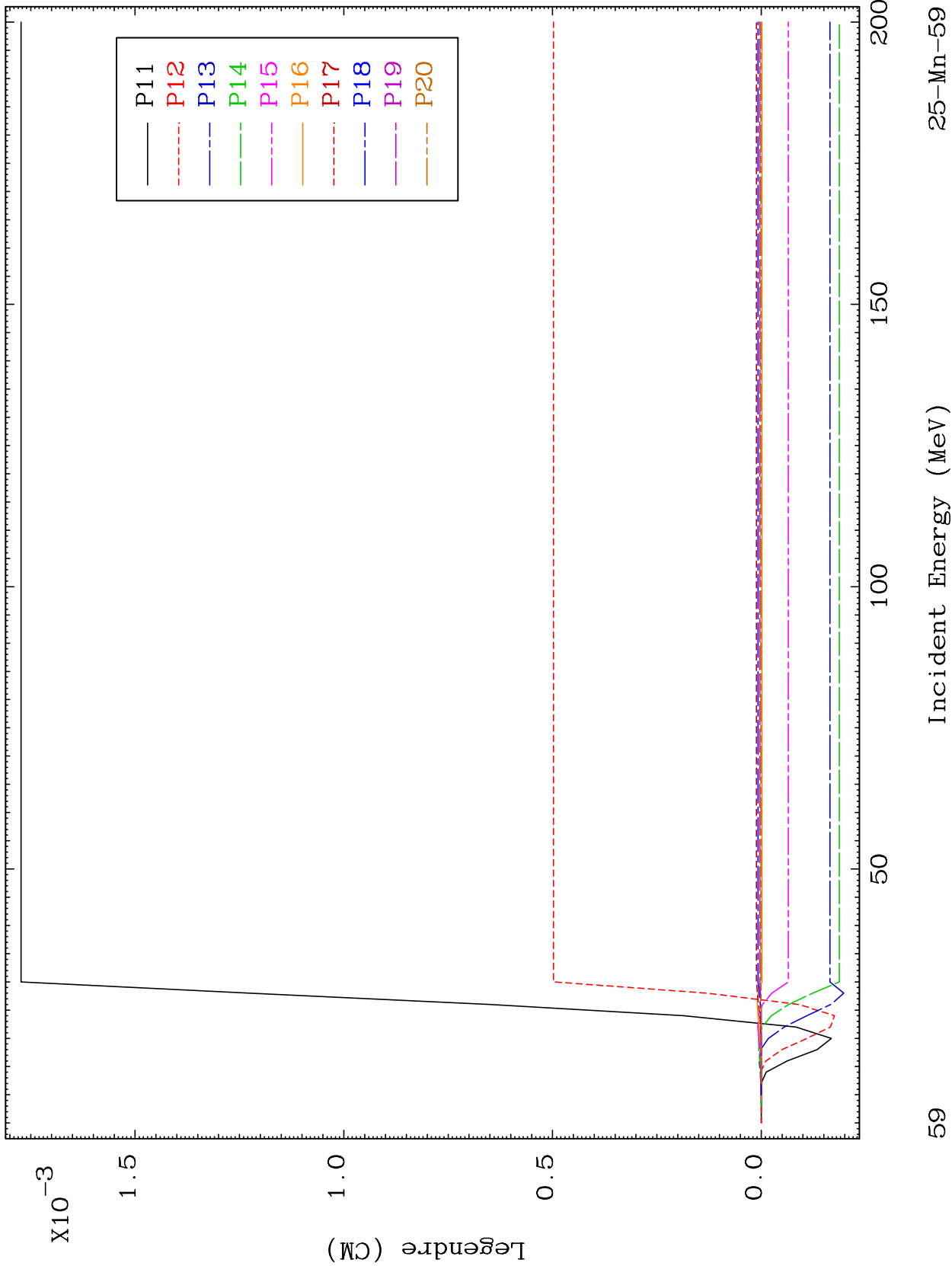
25-Mn-59



25-Mn-59

Incident Energy (MeV)

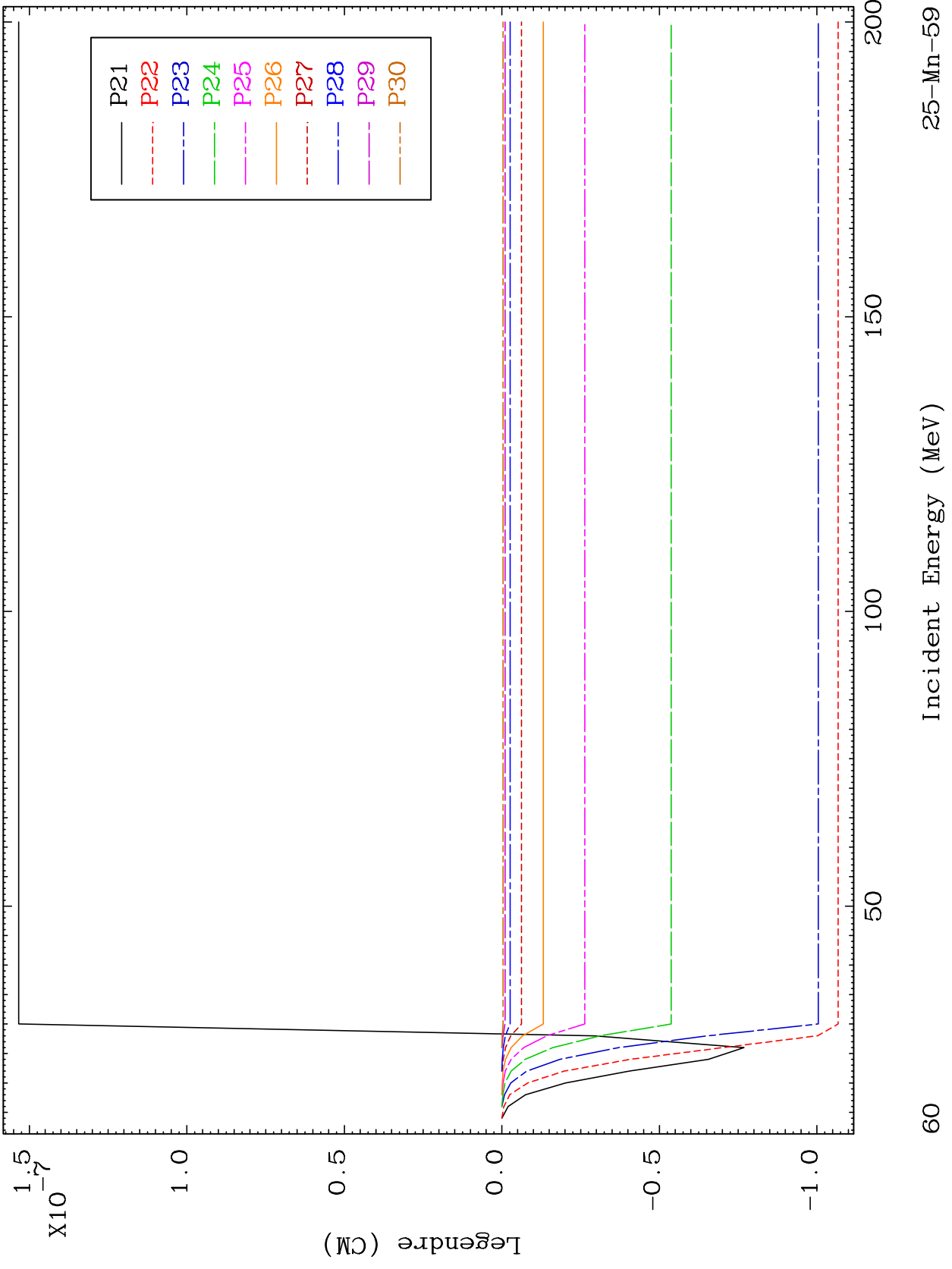
58



MAT 2537

2.488 MeV (n,n') Level
Legendre Coefficients

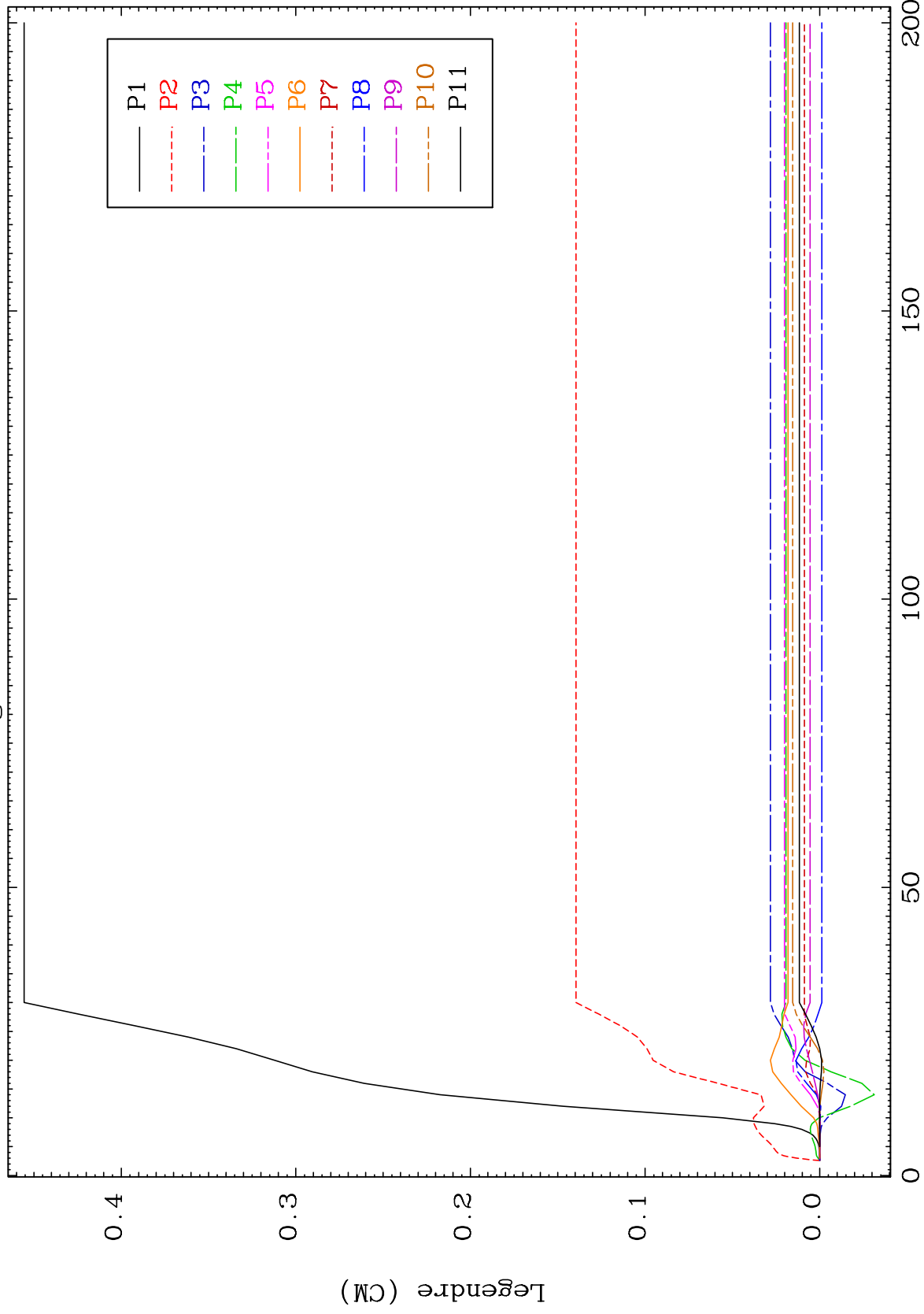
25-Mn-59



MAT 2537

2.520 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



61

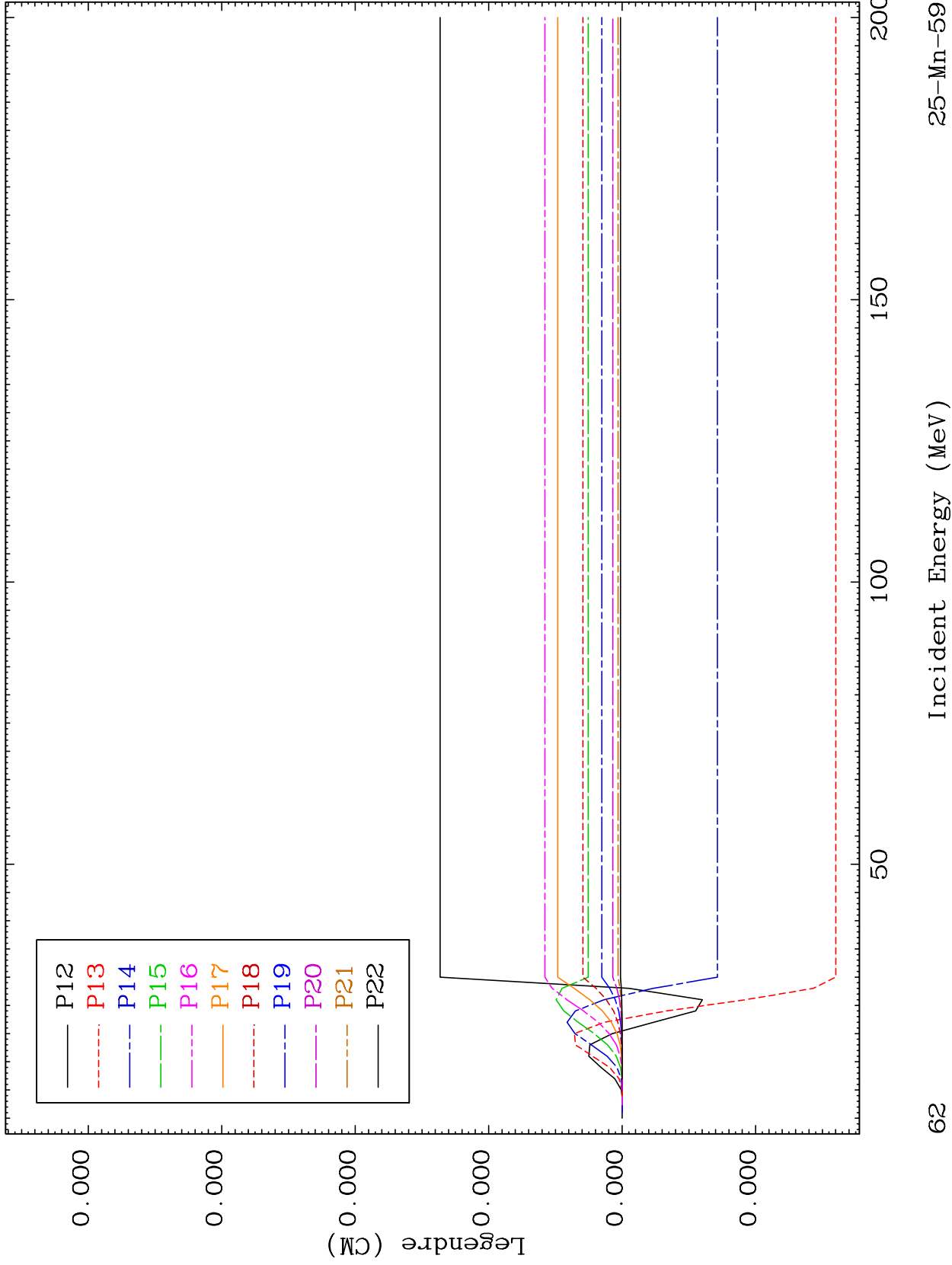
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.520 MeV (n, n') Level
Legendre Coefficients

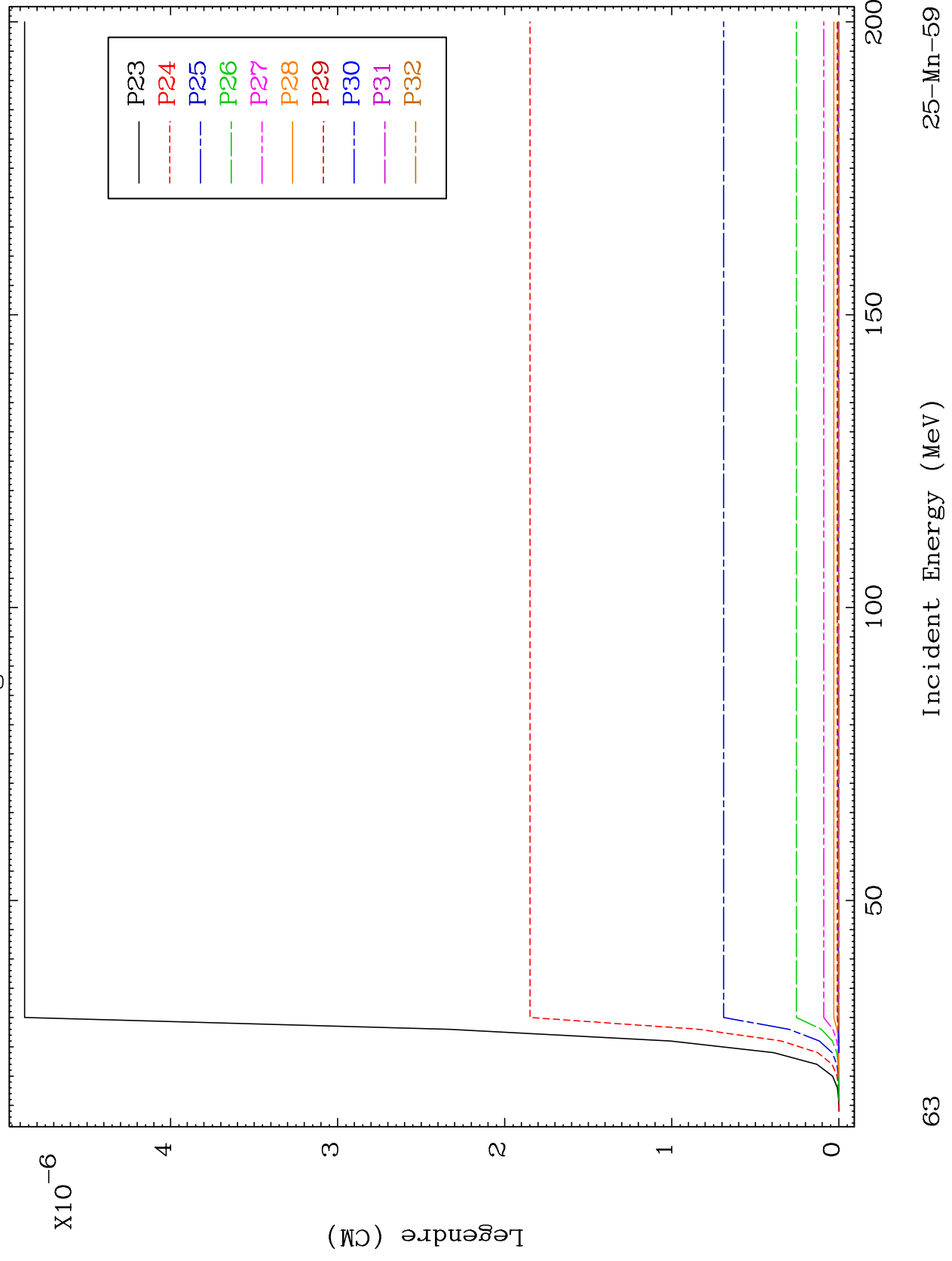
25-Mn-59



MAT 2537

2.520 MeV (n,n') Level
Legendre Coefficients

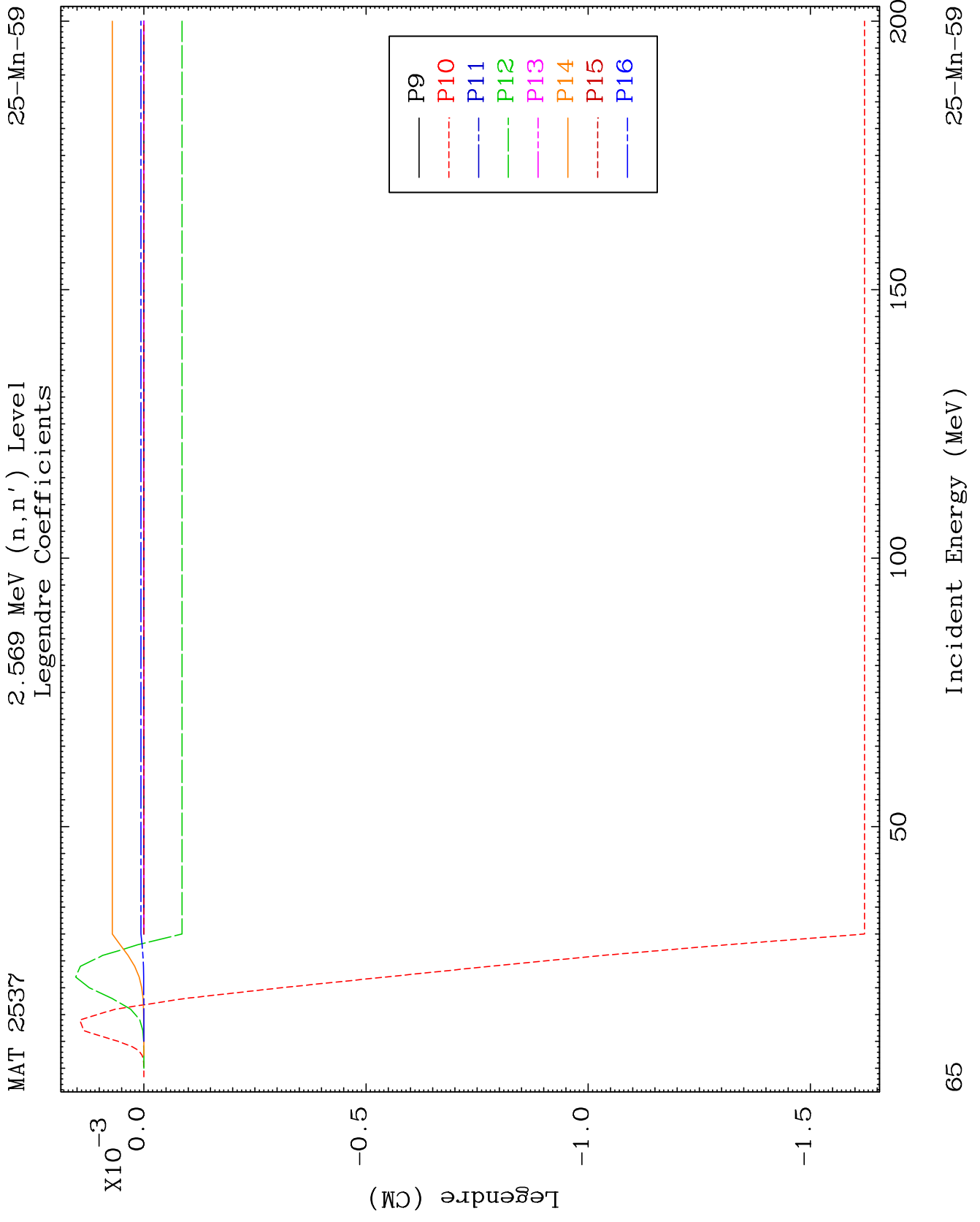
25-Mn-59

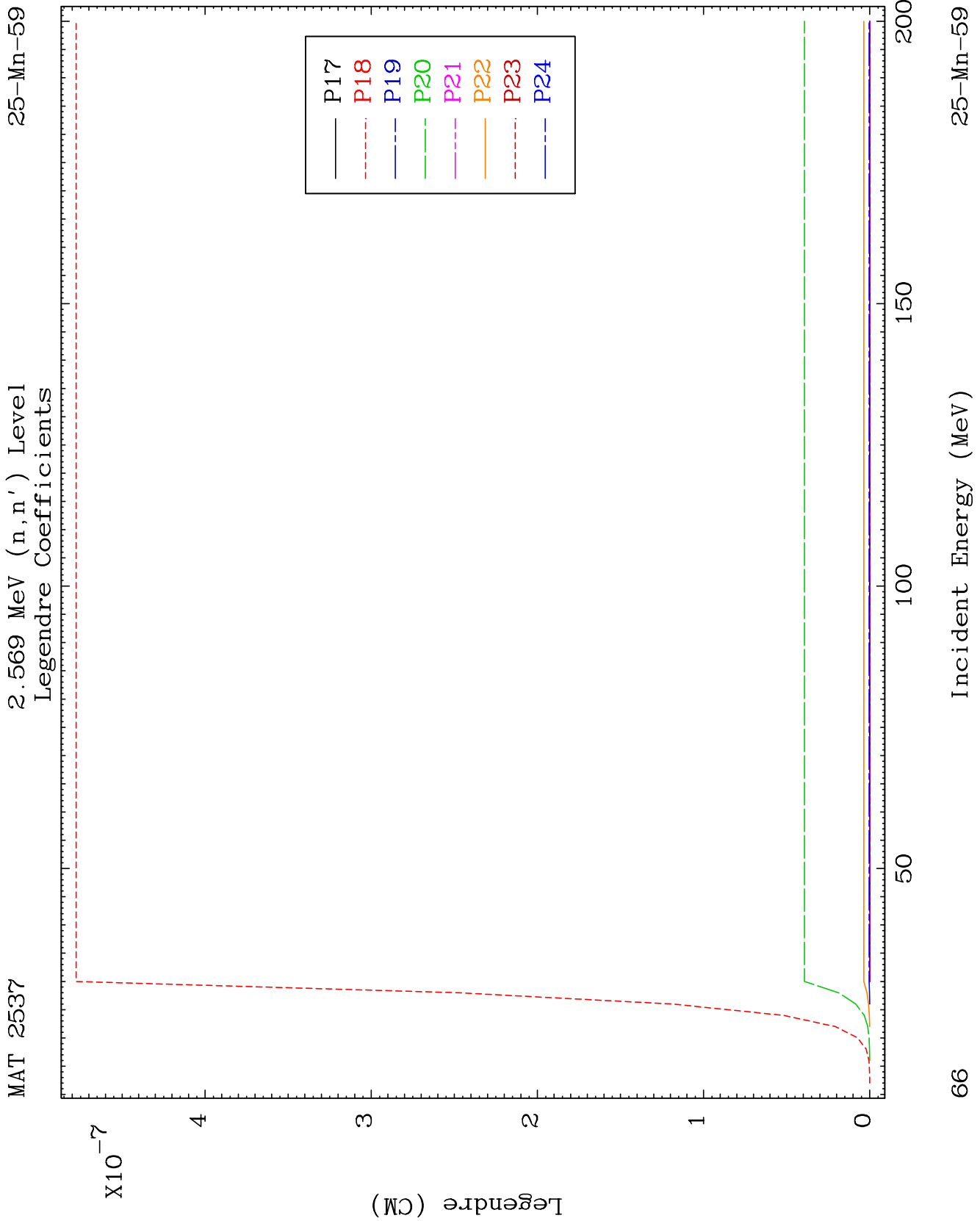


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Incident Energy (MeV)

25-Mn-59

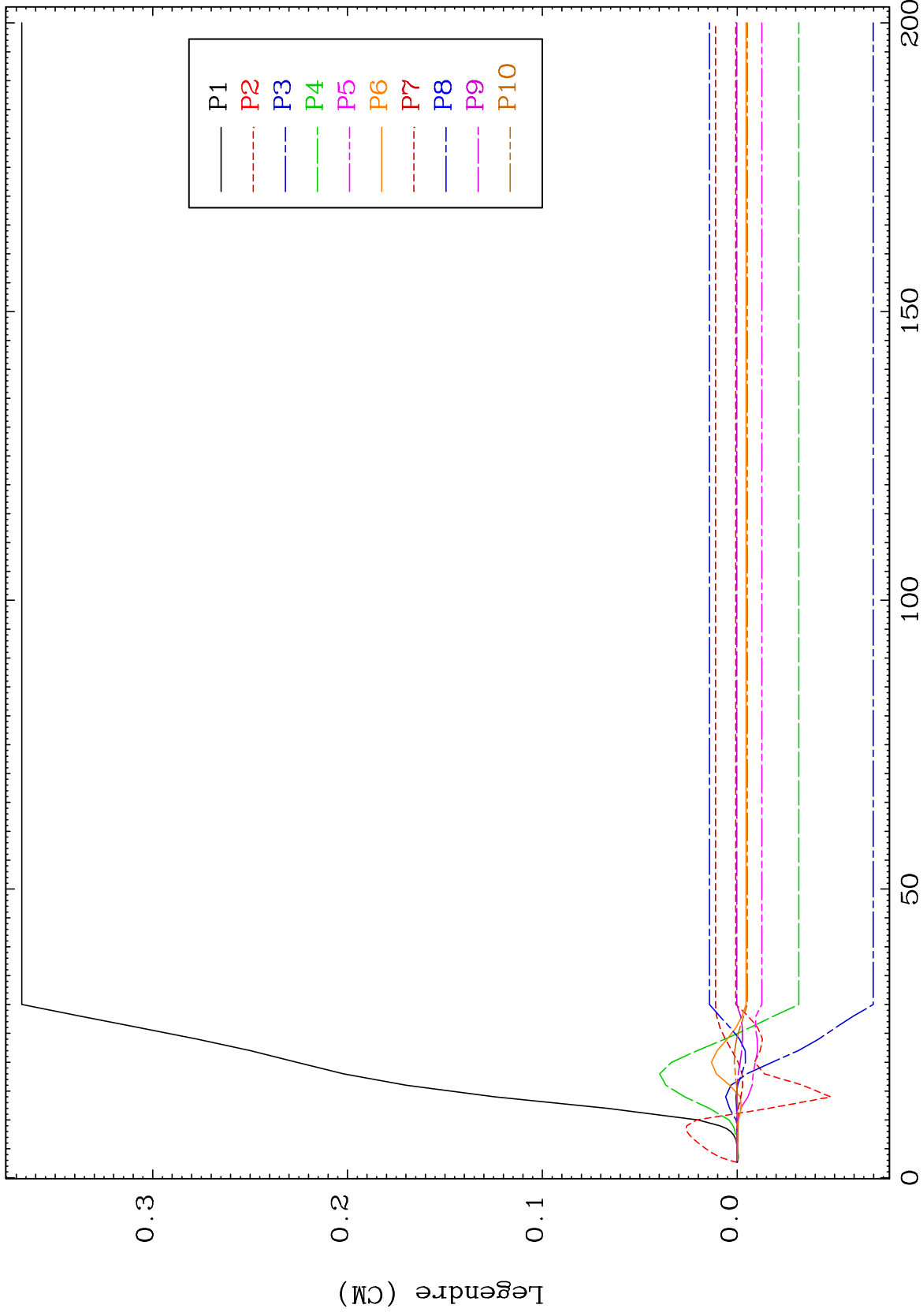




MAT 2537

2.591 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



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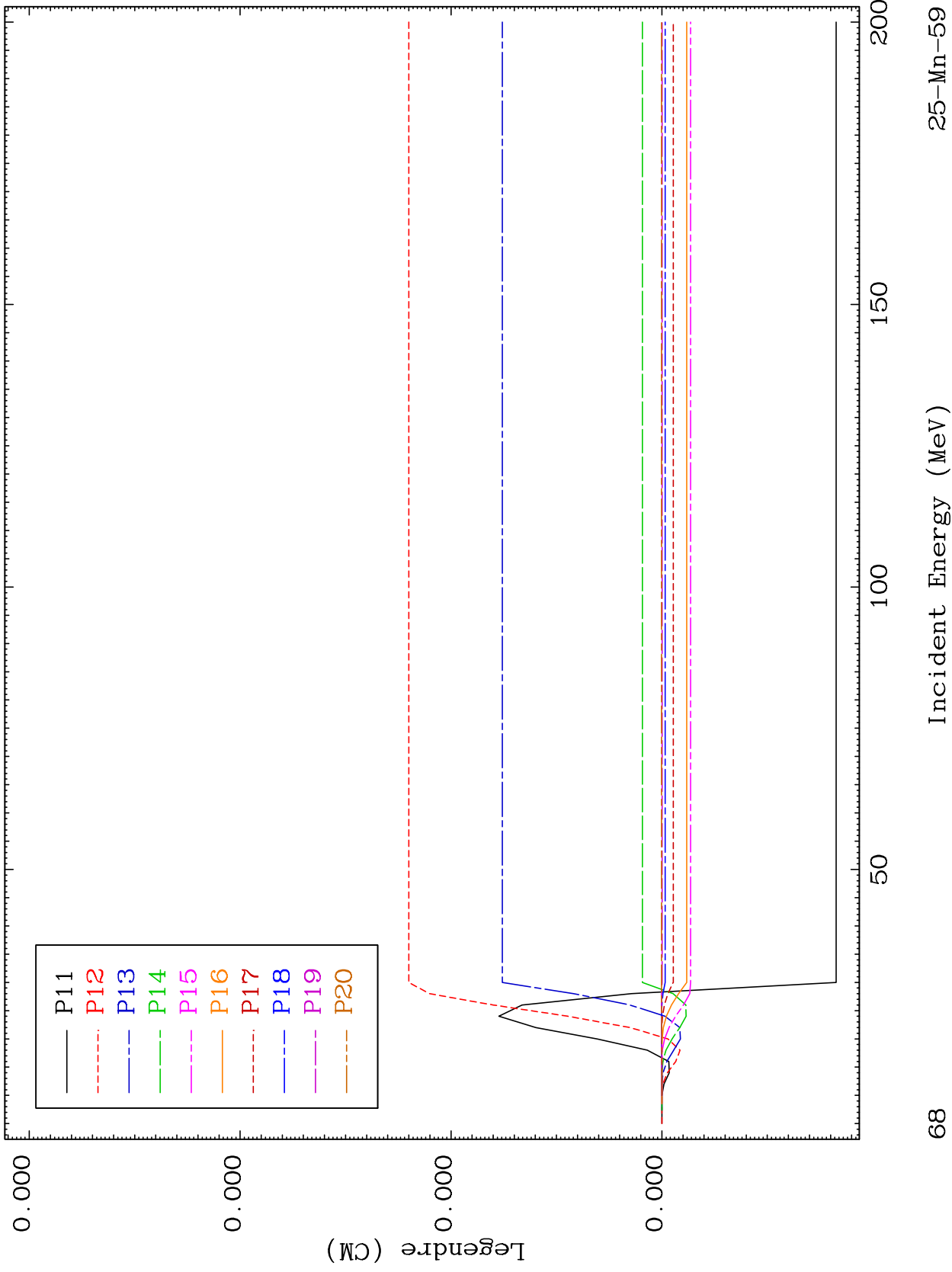
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.591 MeV (n,n') Level
Legendre Coefficients

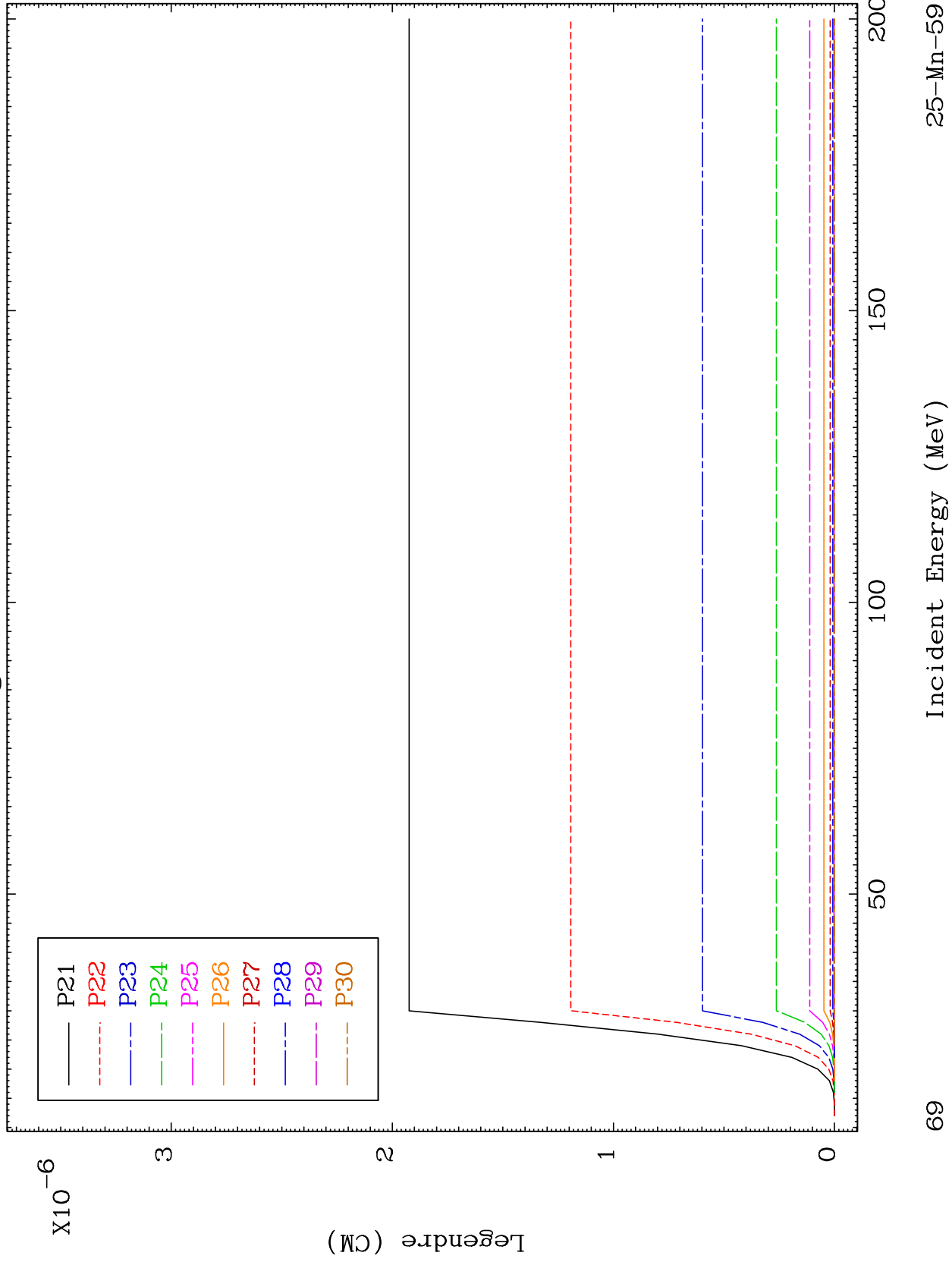
25-Mn-59



MAT 2537

2.591 MeV (n,n') Level
Legendre Coefficients

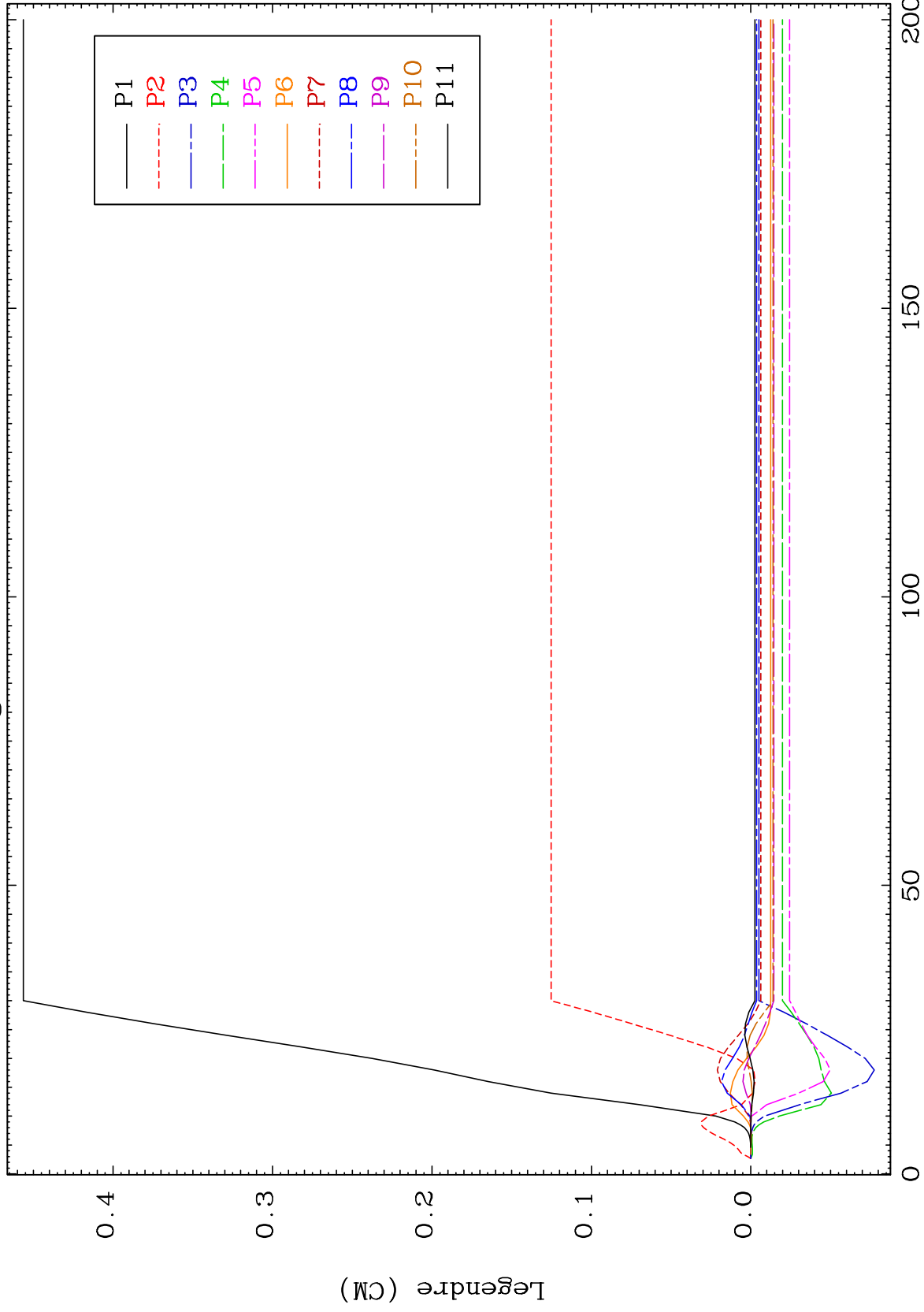
25-Mn-59



MAT 2537

2.603 MeV (n,n') Level
Legendre Coefficients

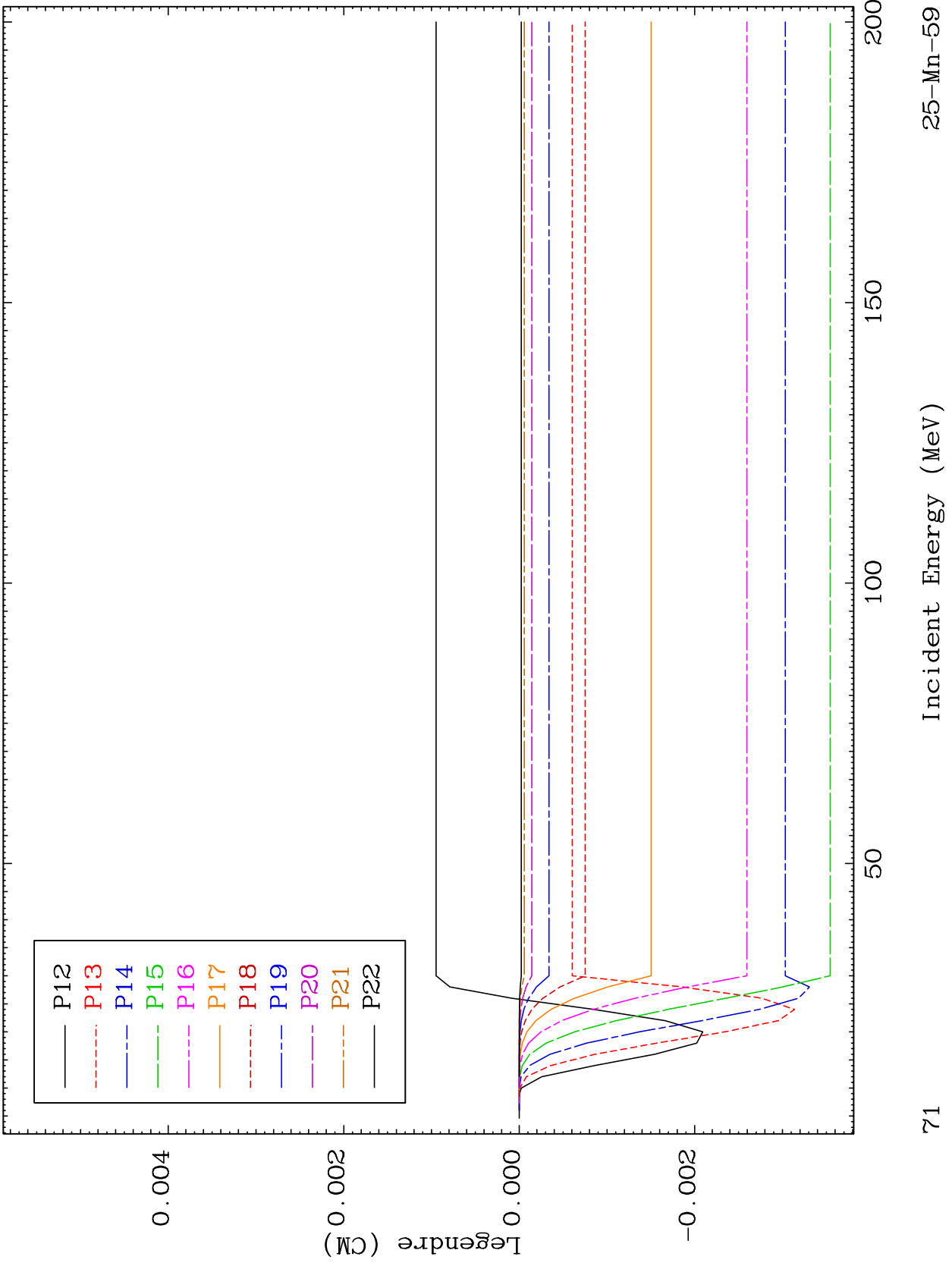
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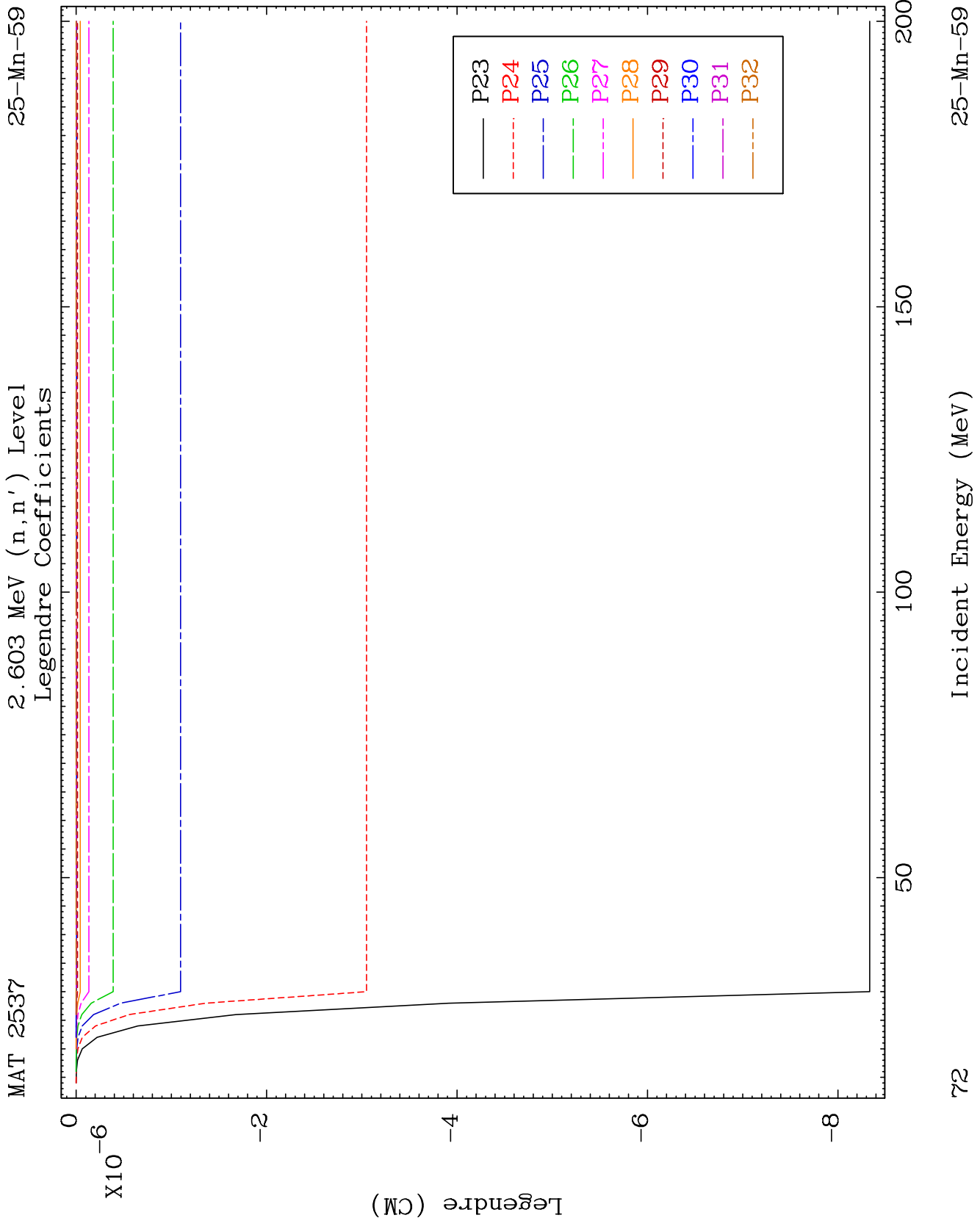


70

Incident Energy (MeV)

25-Mn-59

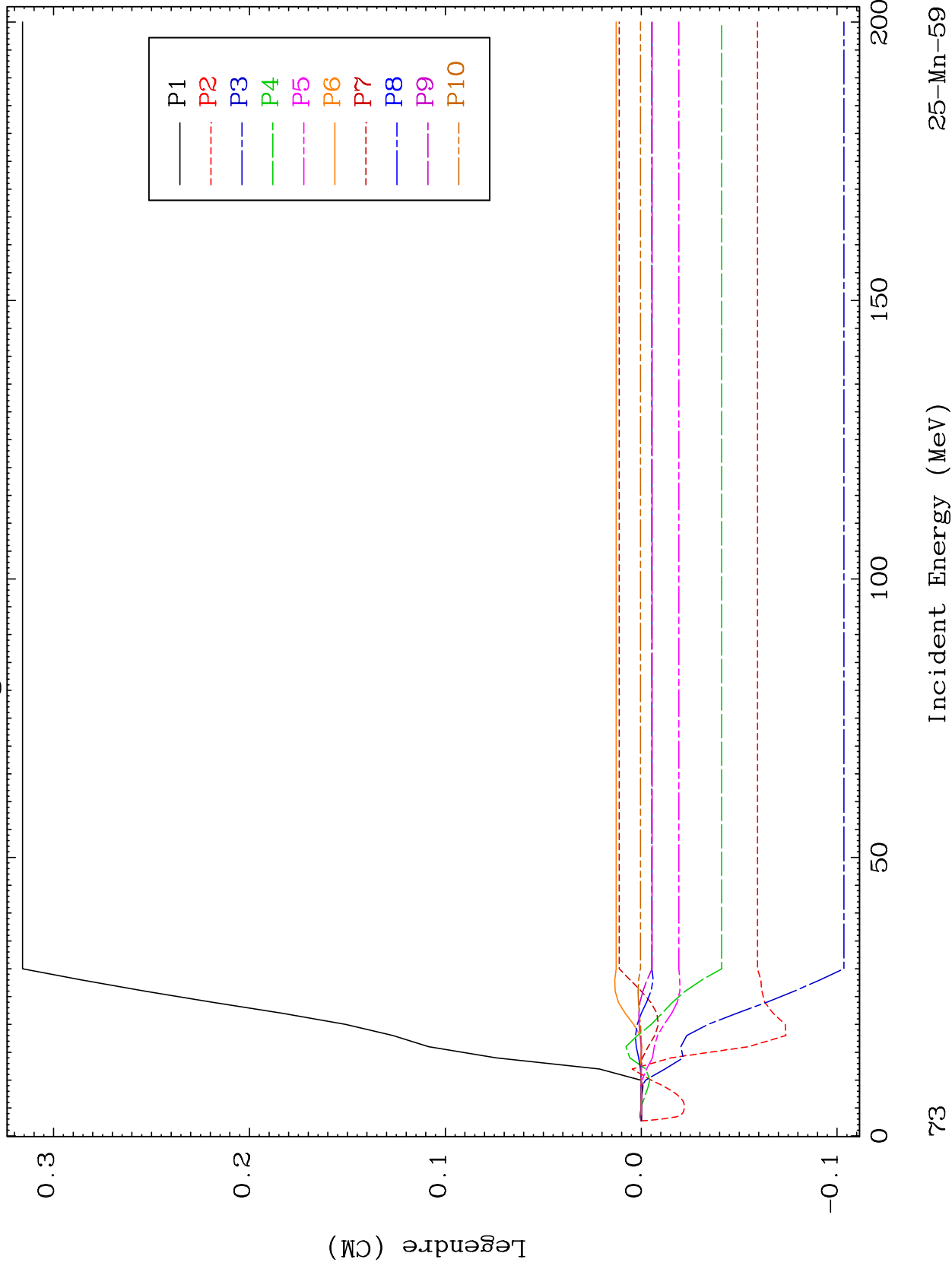




MAT 2537

2.621 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



73

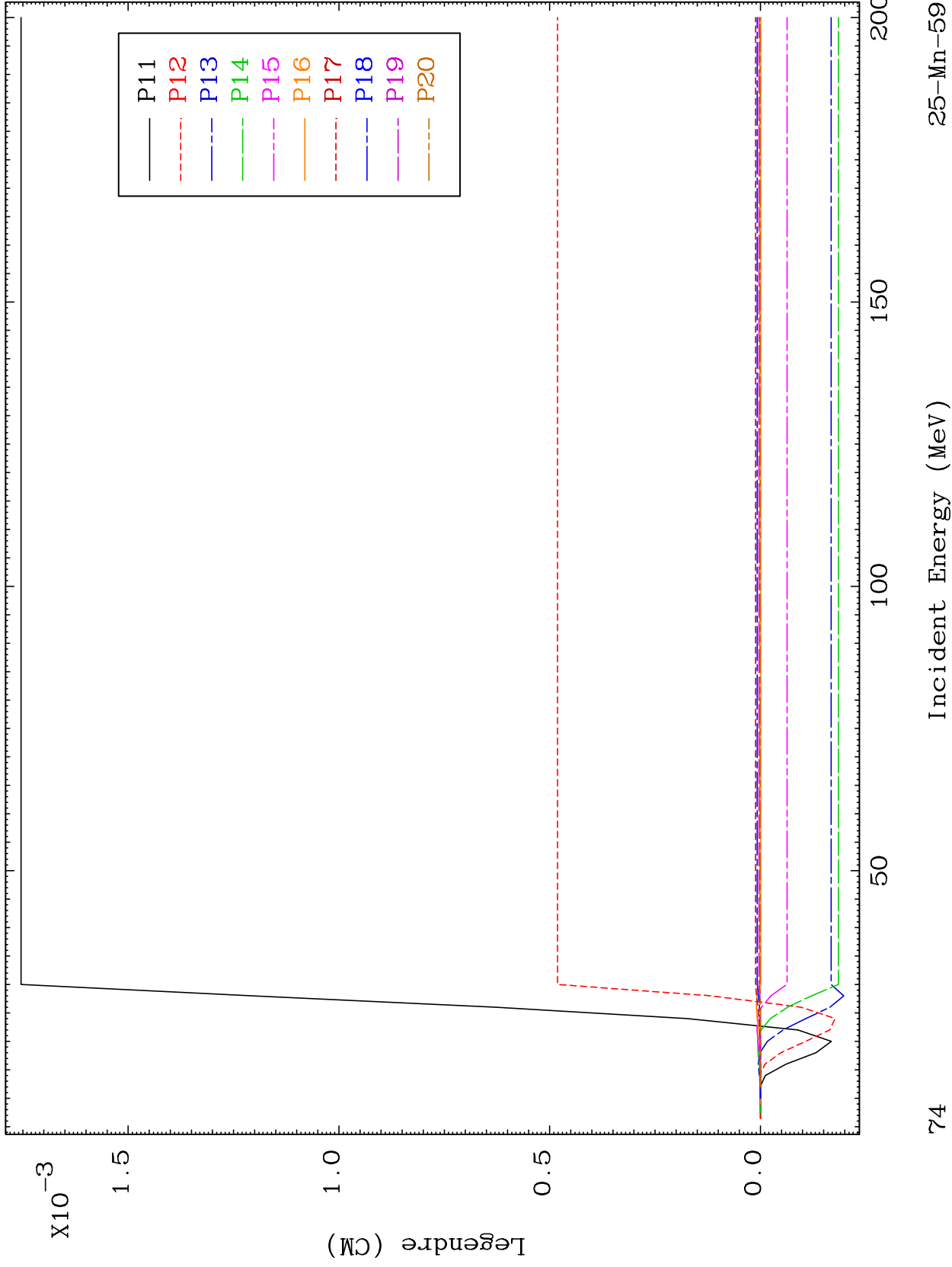
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.621 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



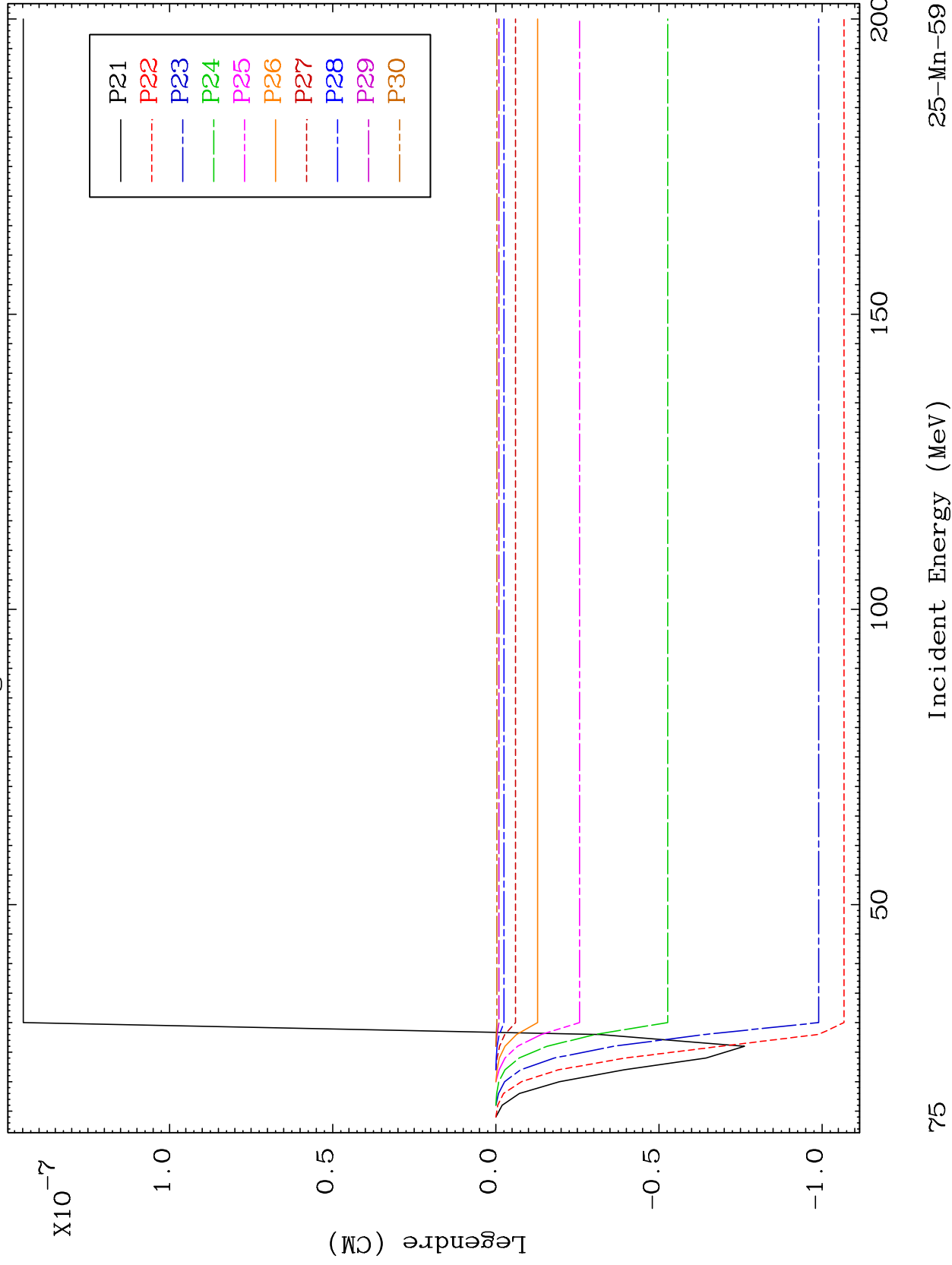
74

25-Mn-59

MAT 2537

2.621 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



75

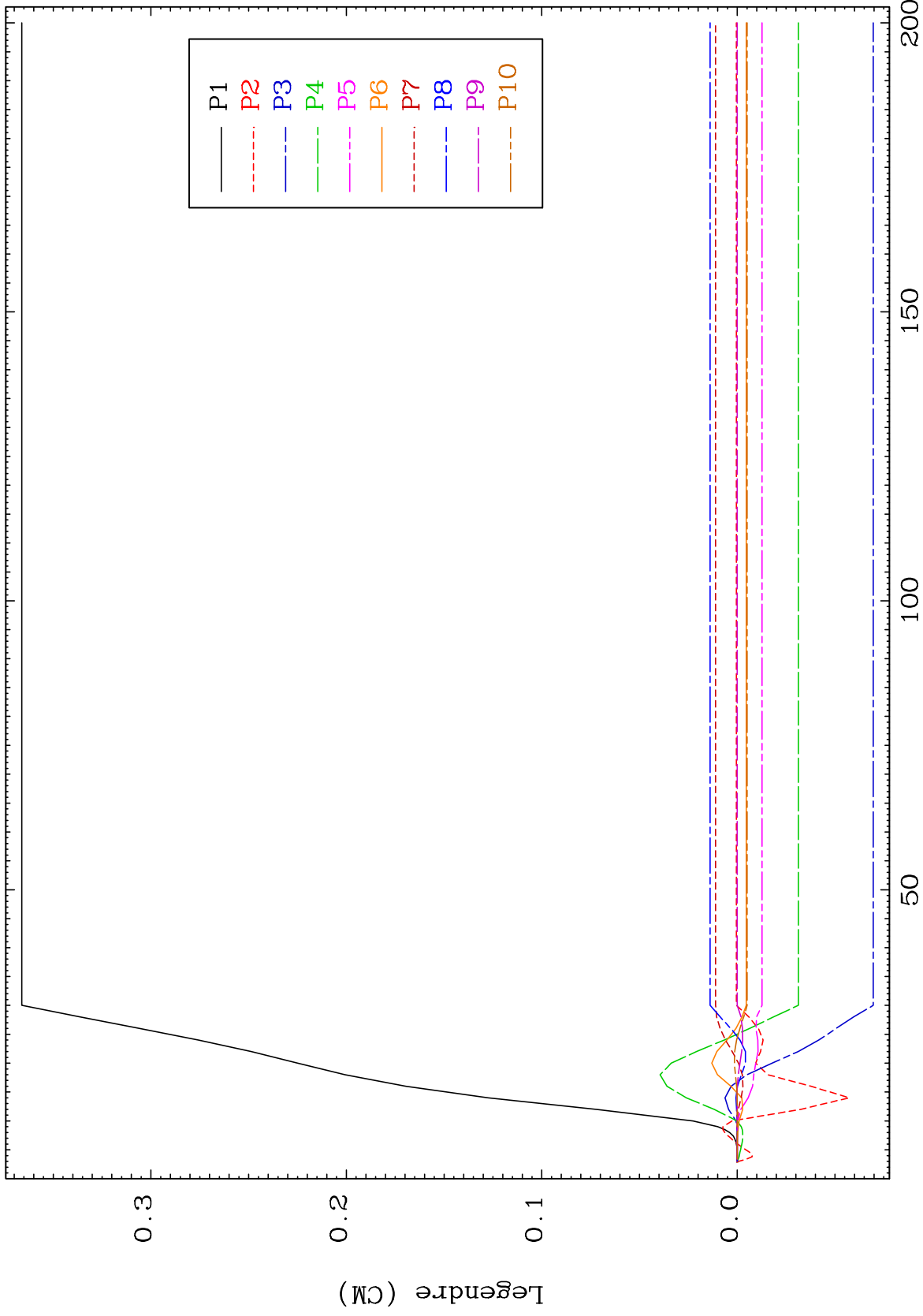
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.765 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



76

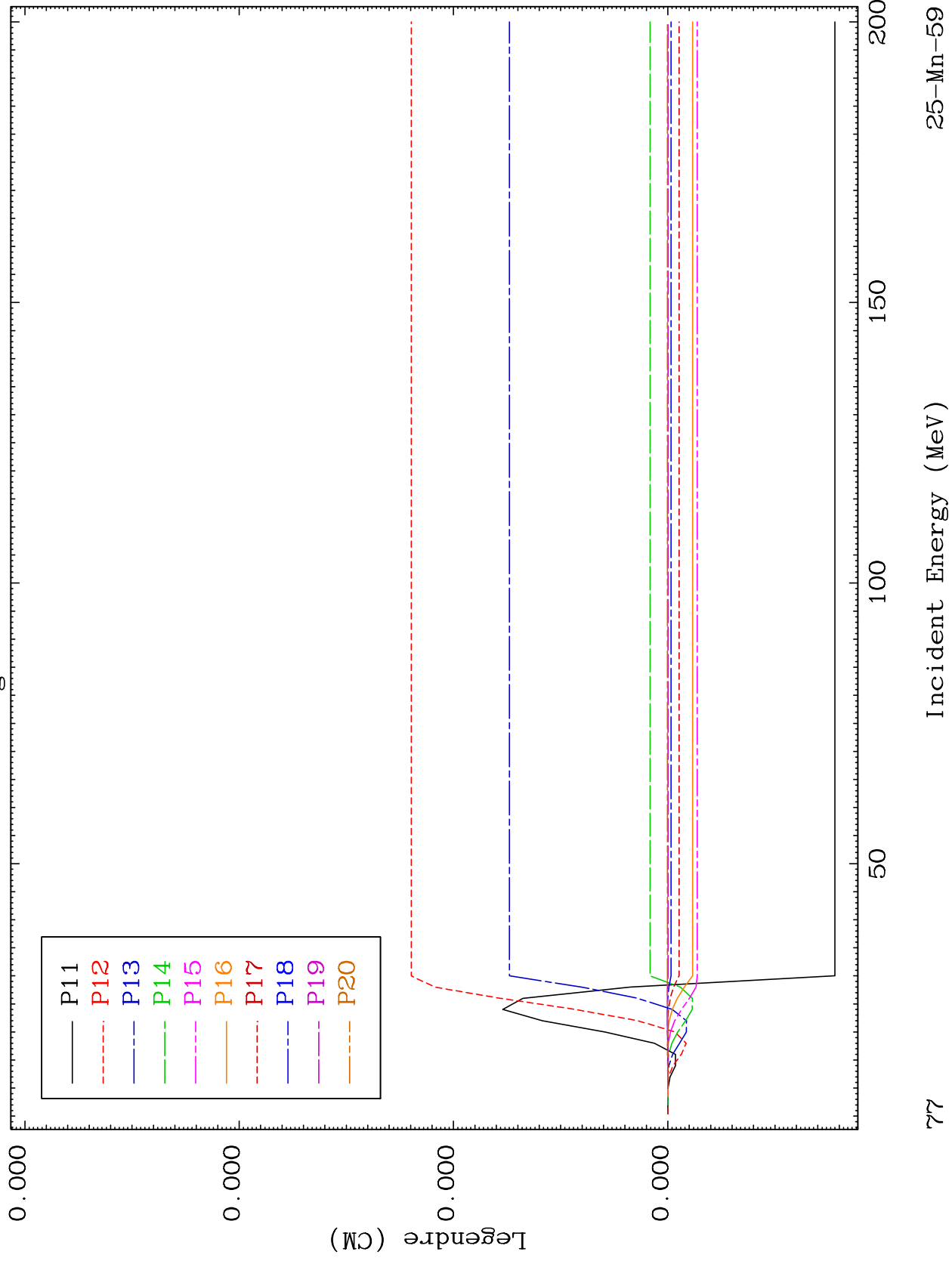
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.765 MeV (n,n') Level
Legendre Coefficients

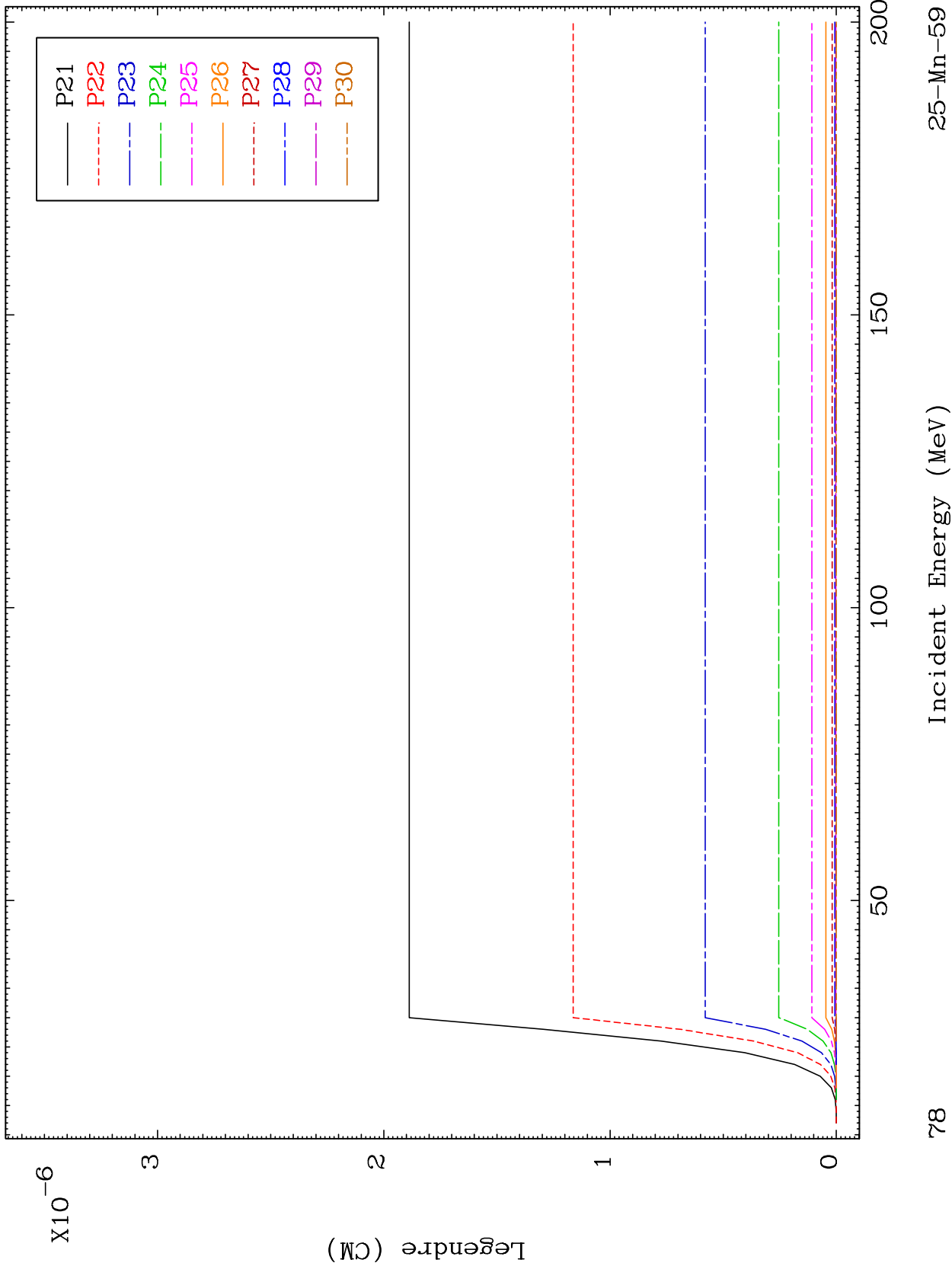
25-Mn-59



MAT 2537

2.765 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



78

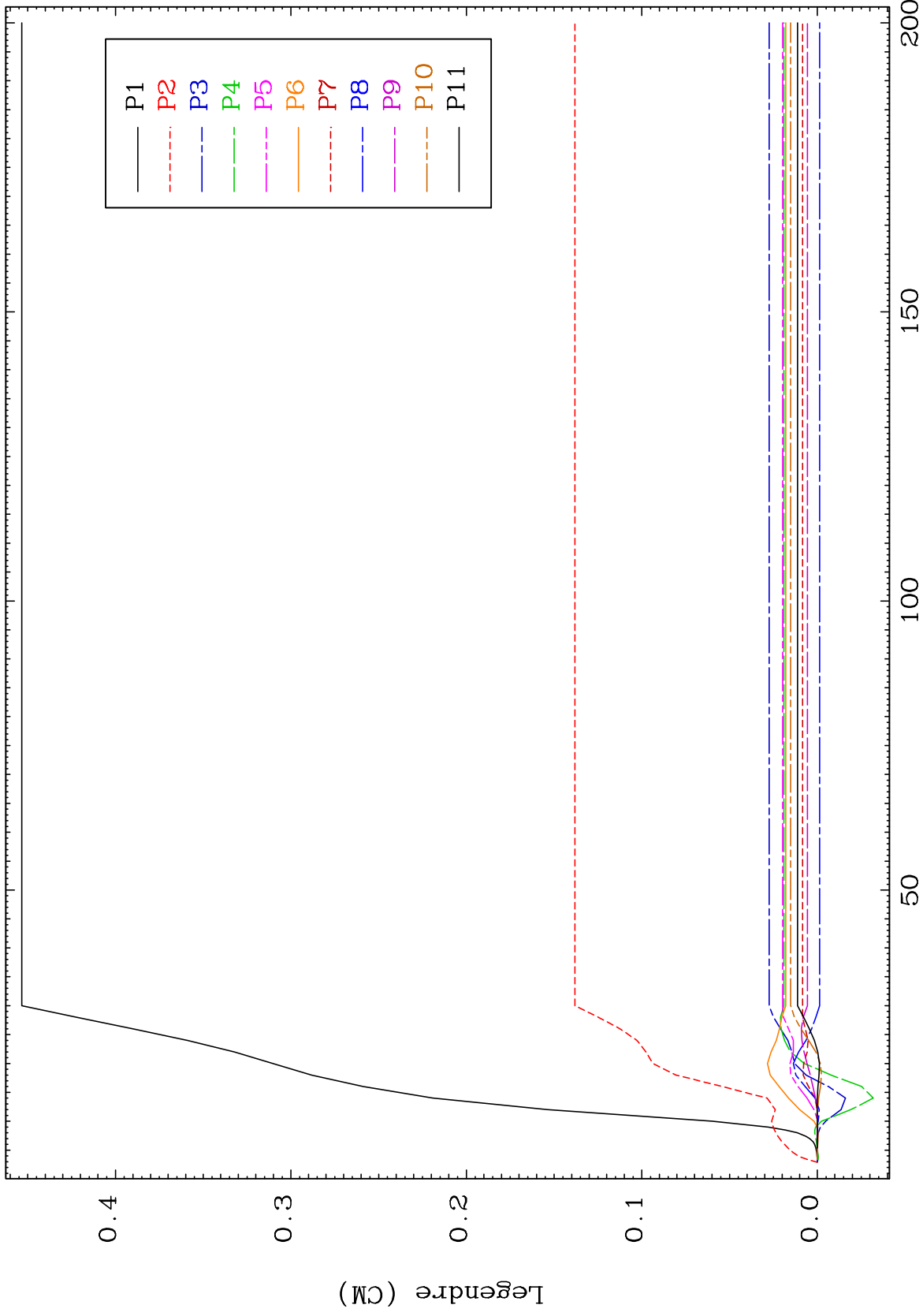
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.823 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



79

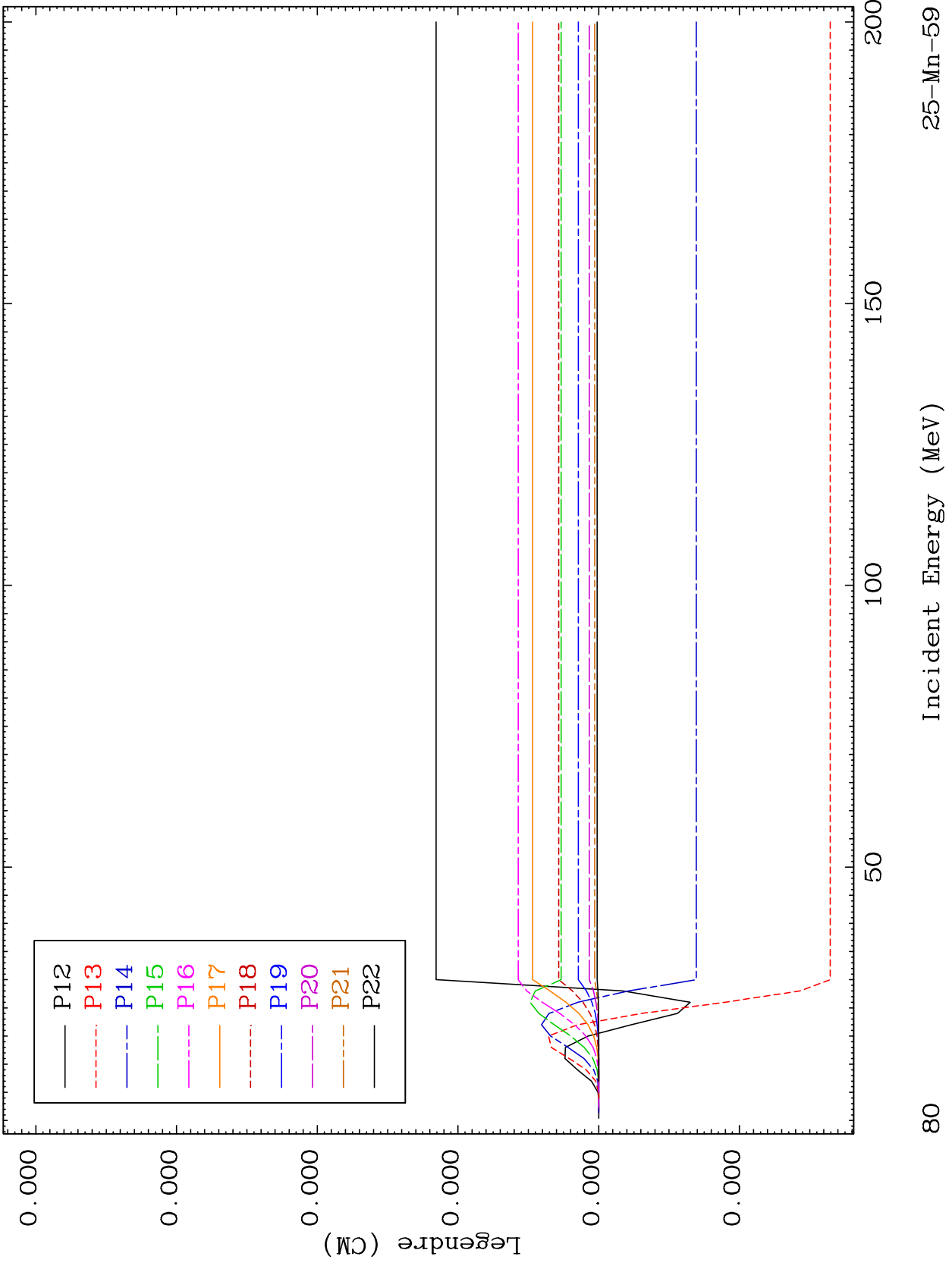
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.823 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



80

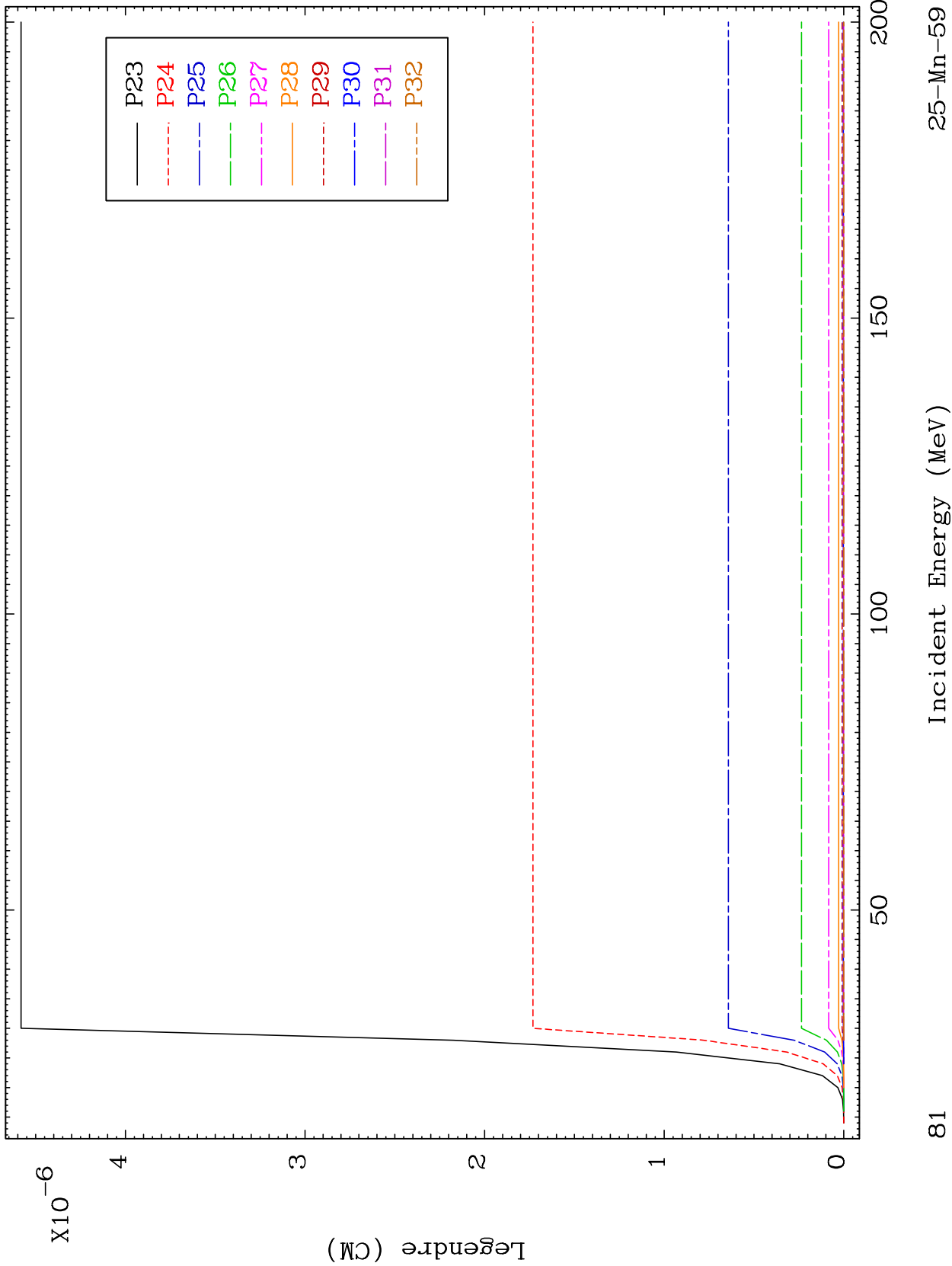
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.823 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



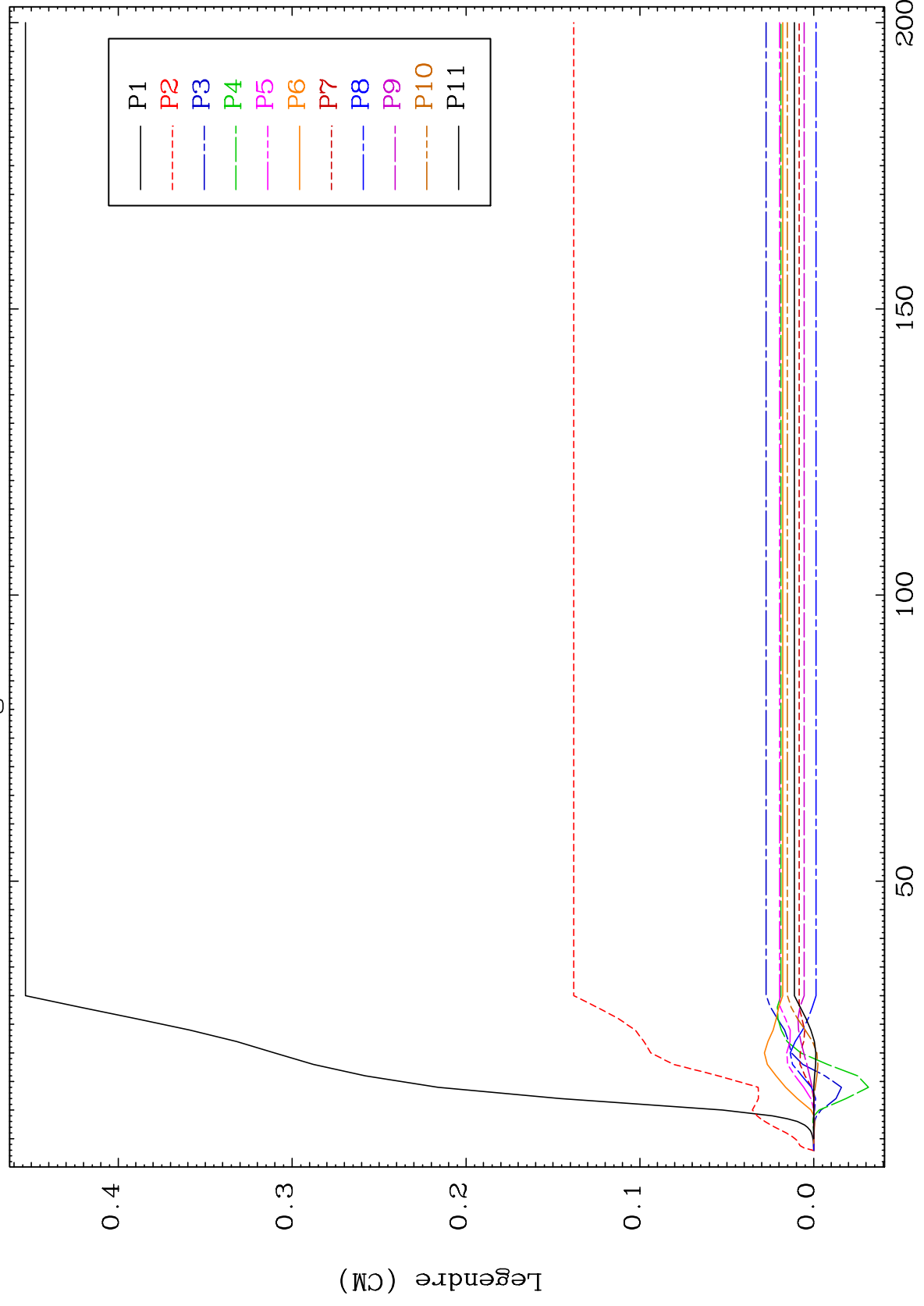
81

25-Mn-59

MAT 2537

2.825 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



82

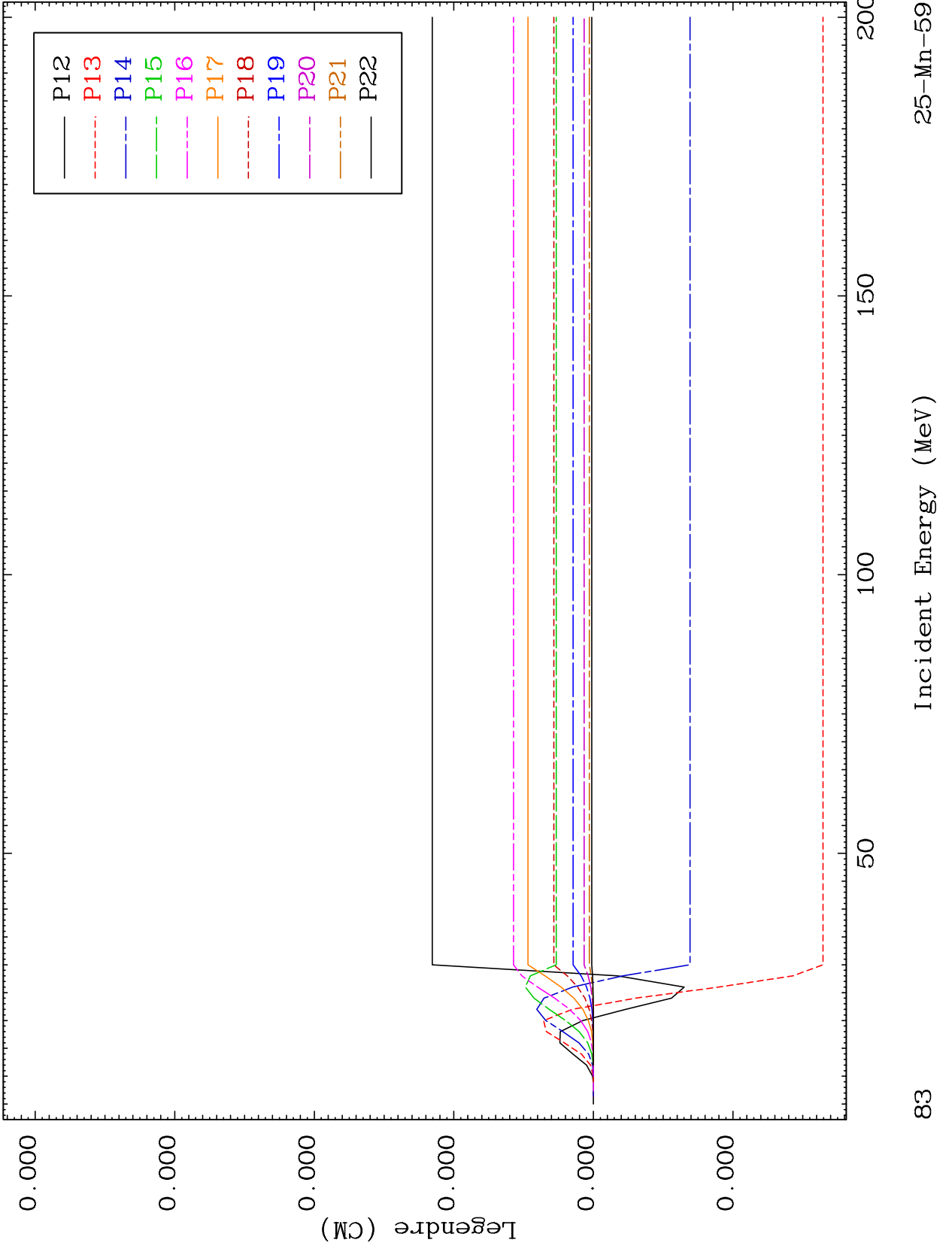
Incident Energy (MeV)

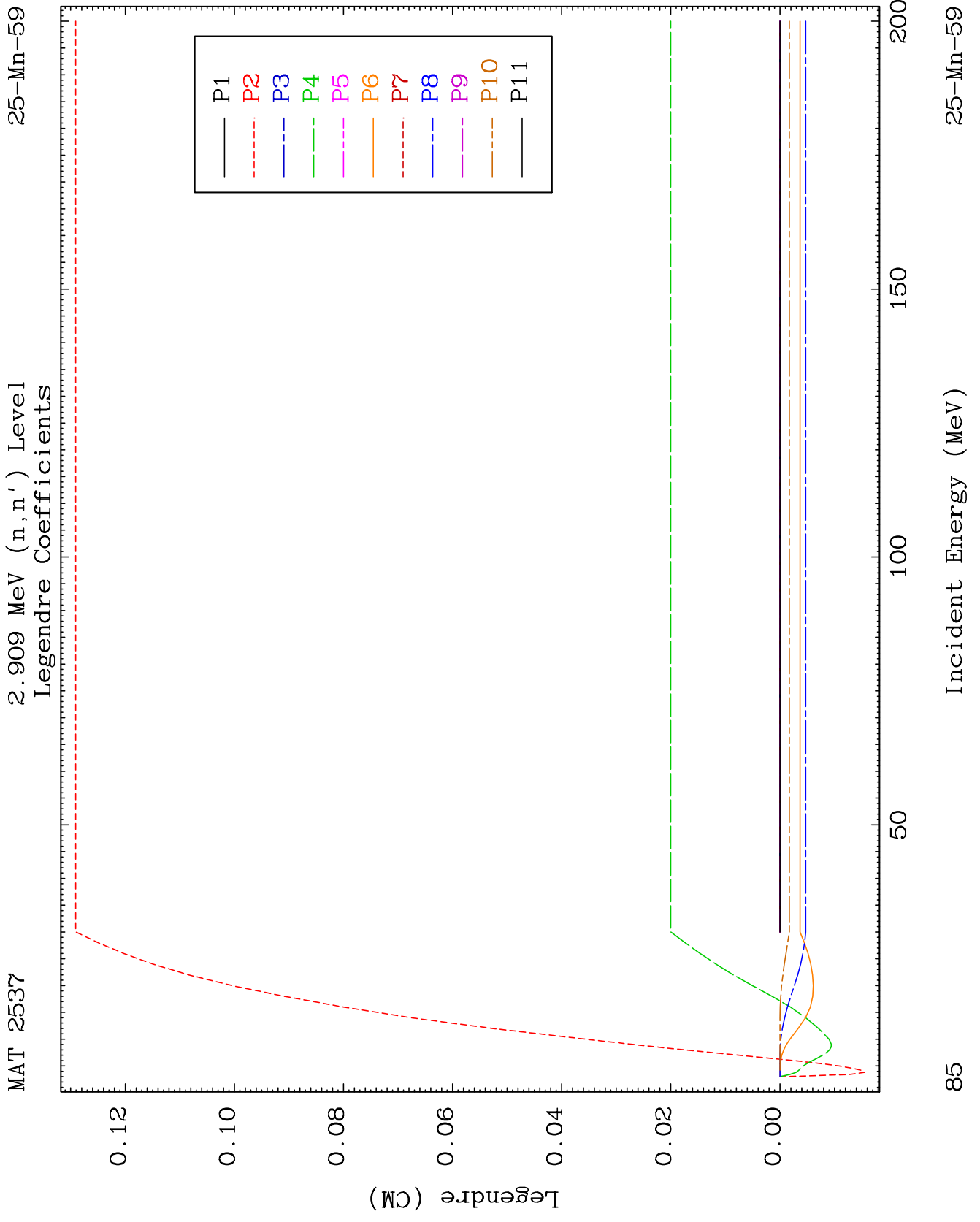
25-Mn-59

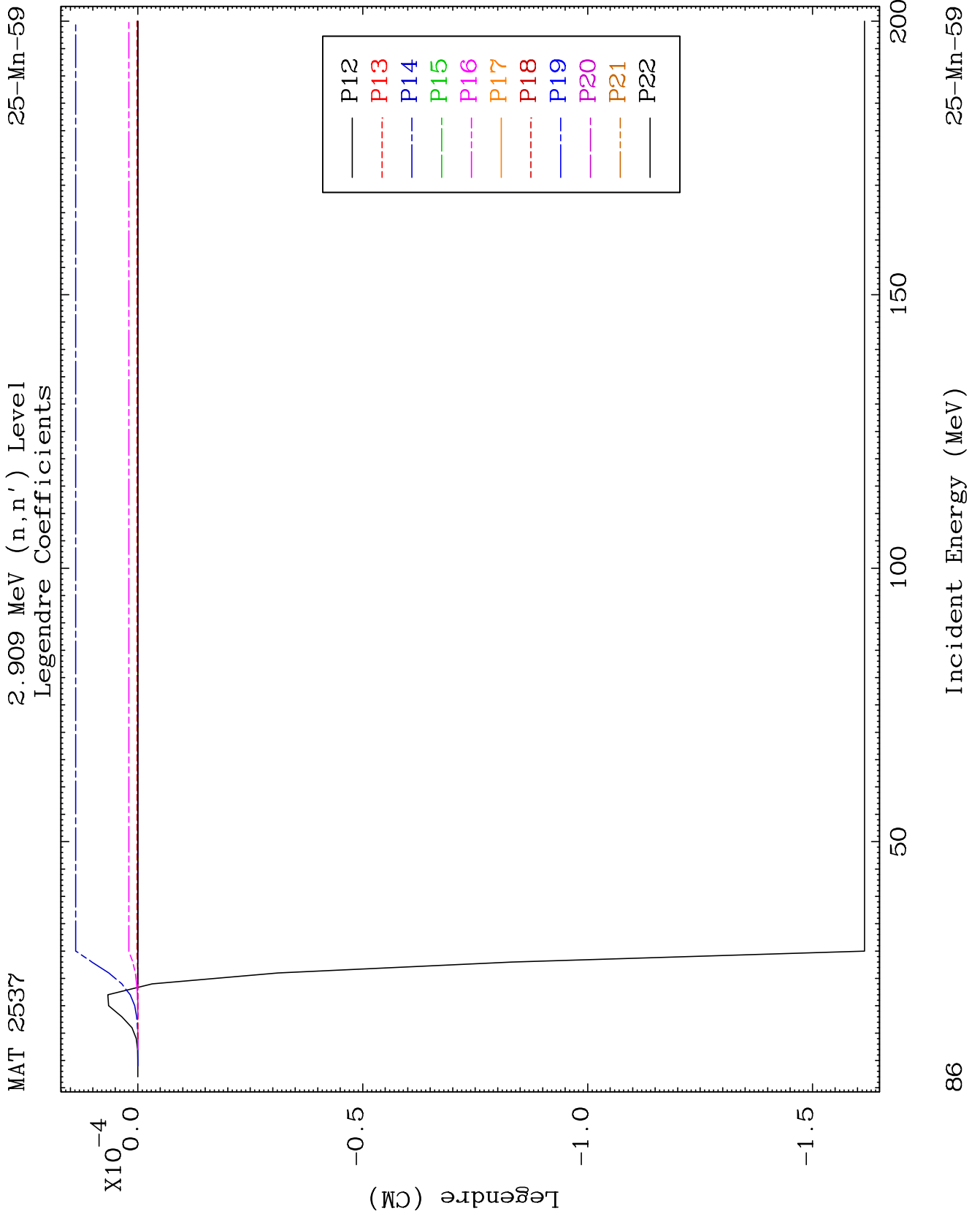
MAT 2537

2.825 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



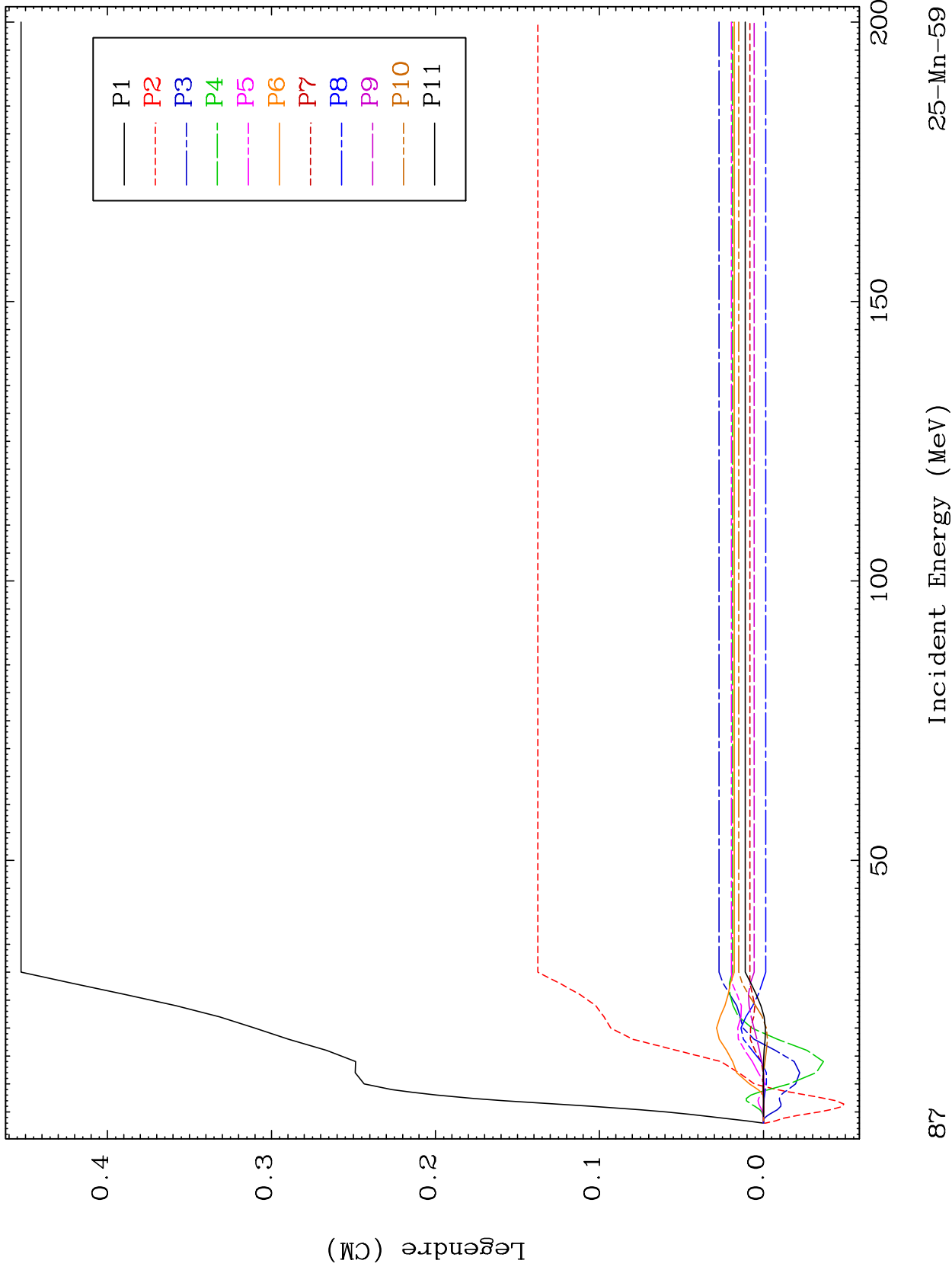




MAT 2537

2.920 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



87

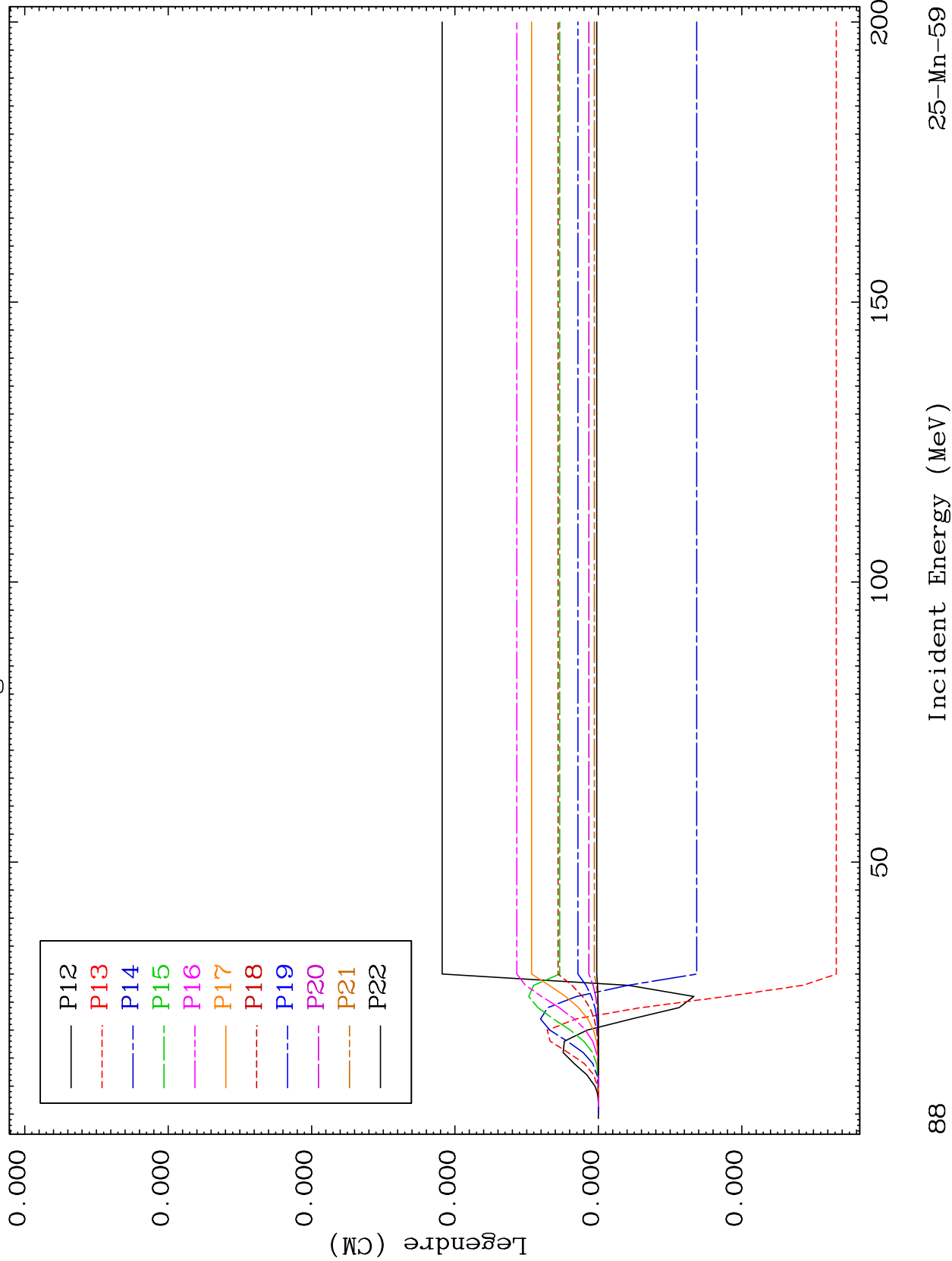
Incident Energy (MeV)

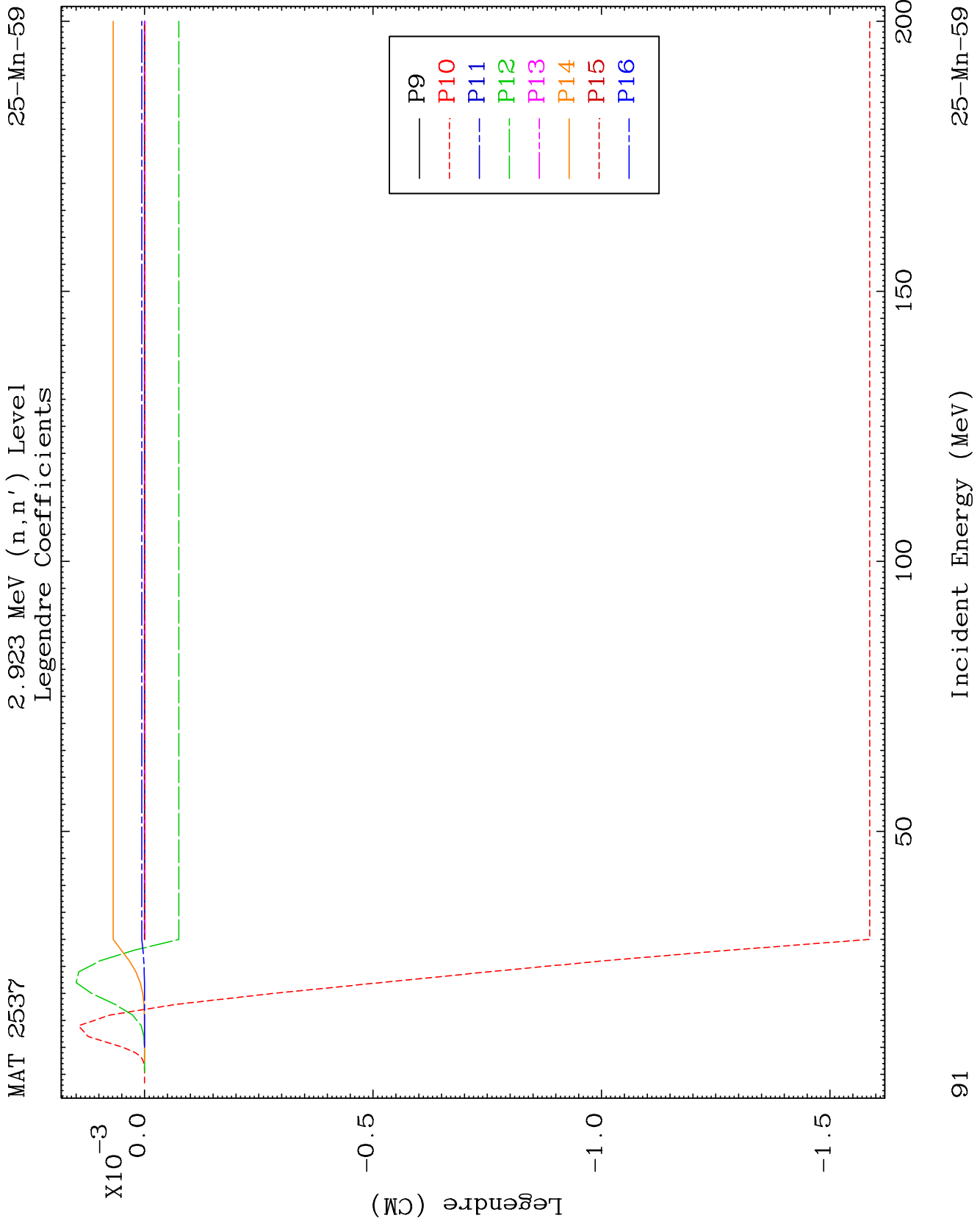
25-Mn-59

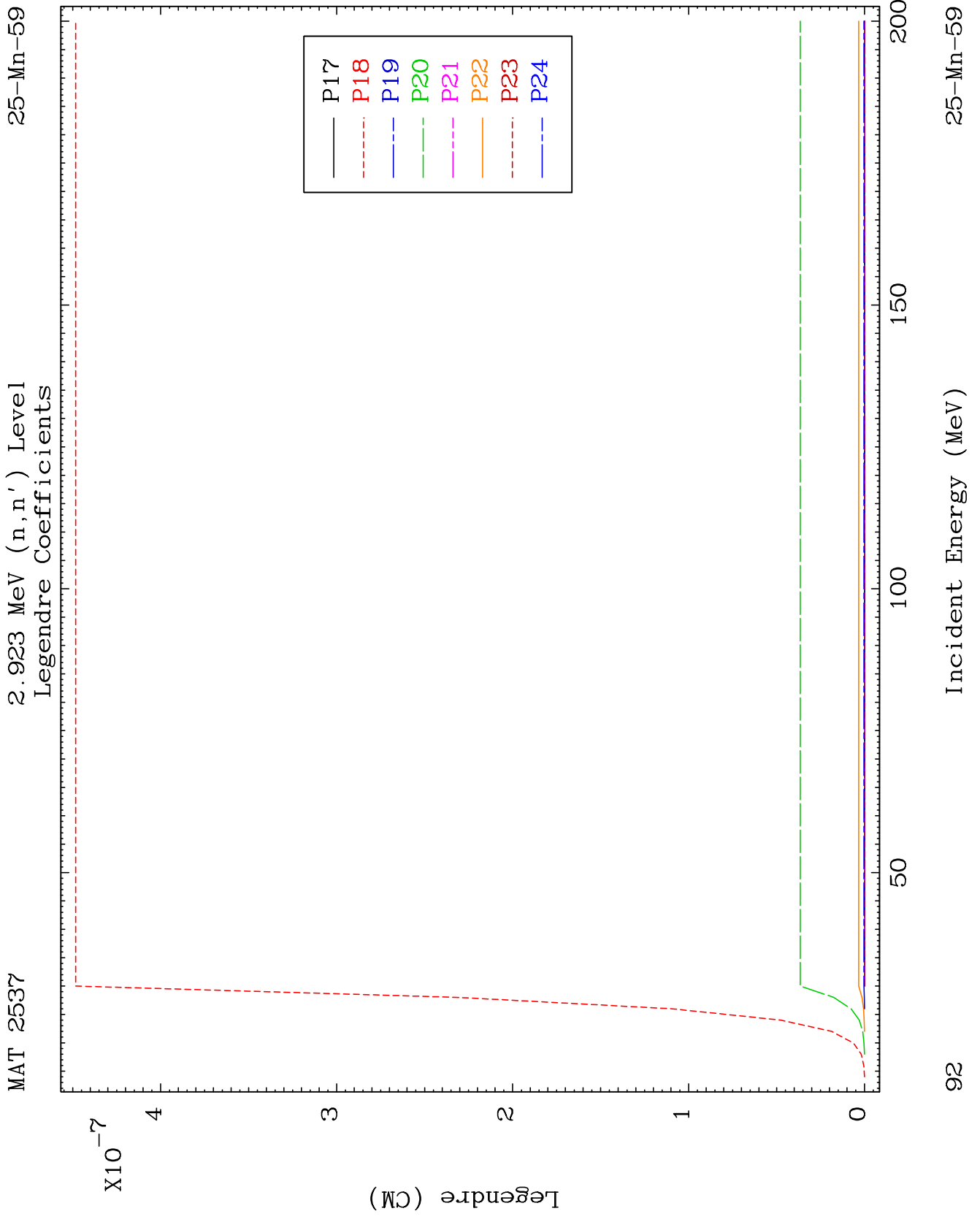
MAT 2537

2.920 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



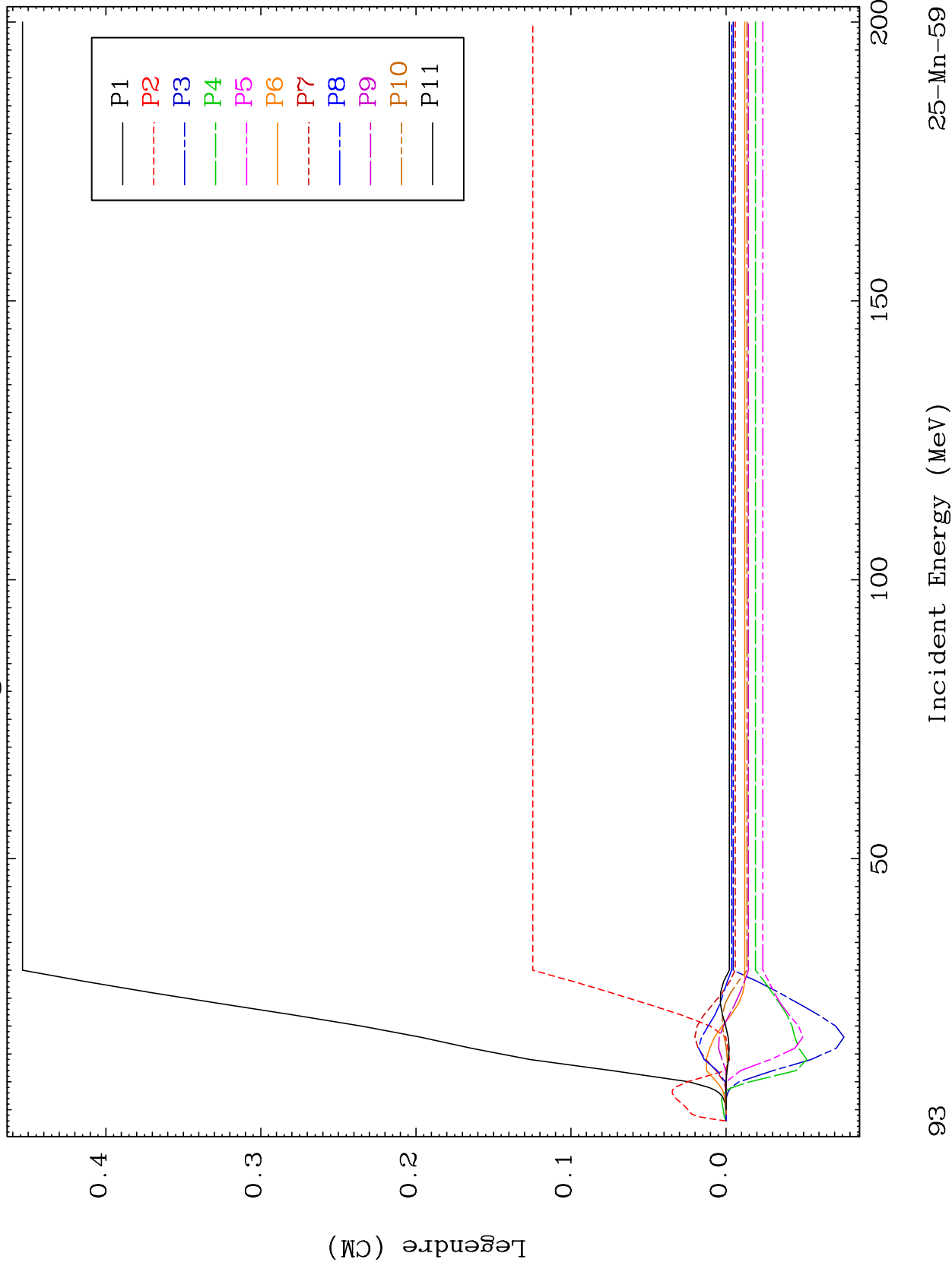




MAT 2537

2.926 MeV (n,n') Level
Legendre Coefficients

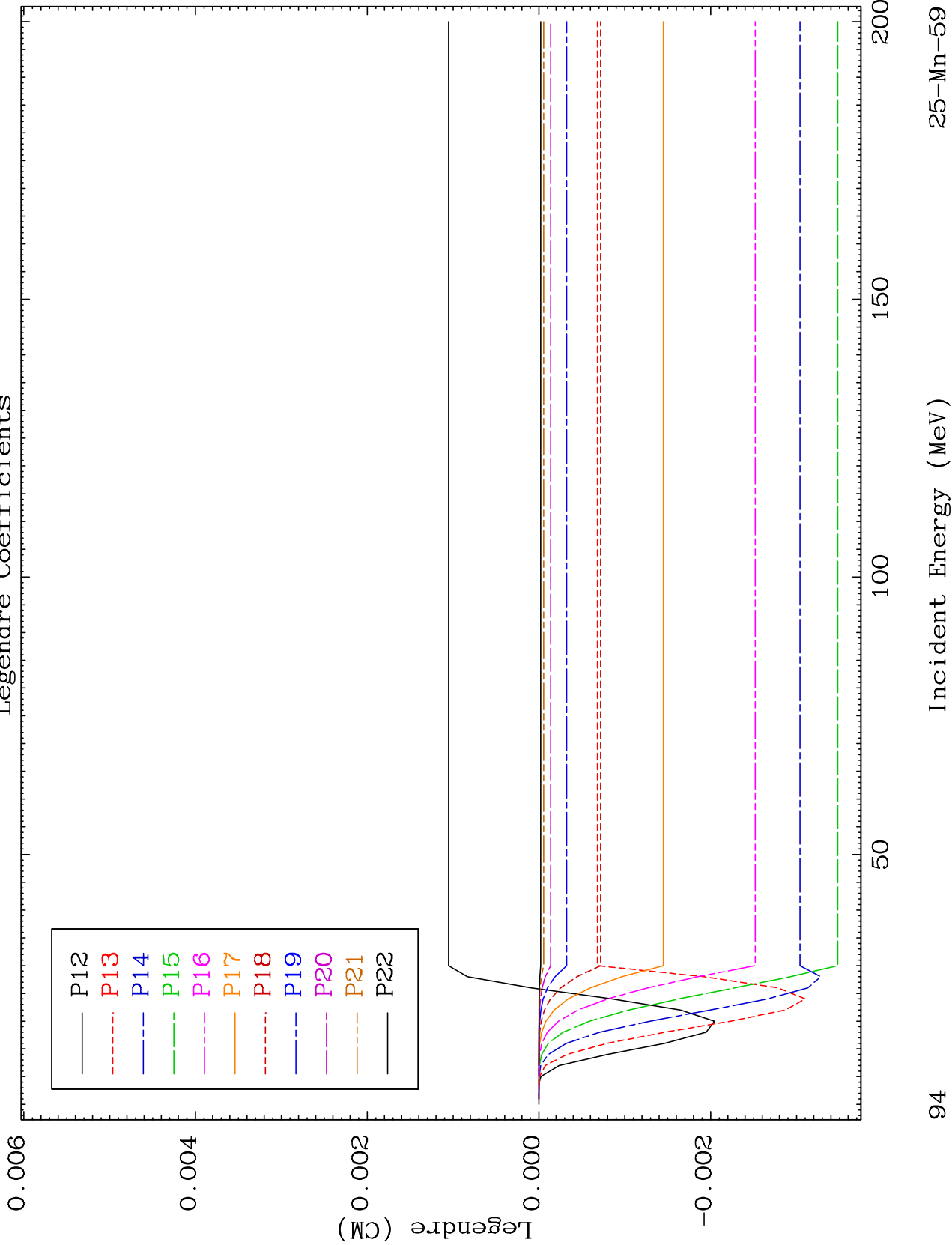
25-Mn-59

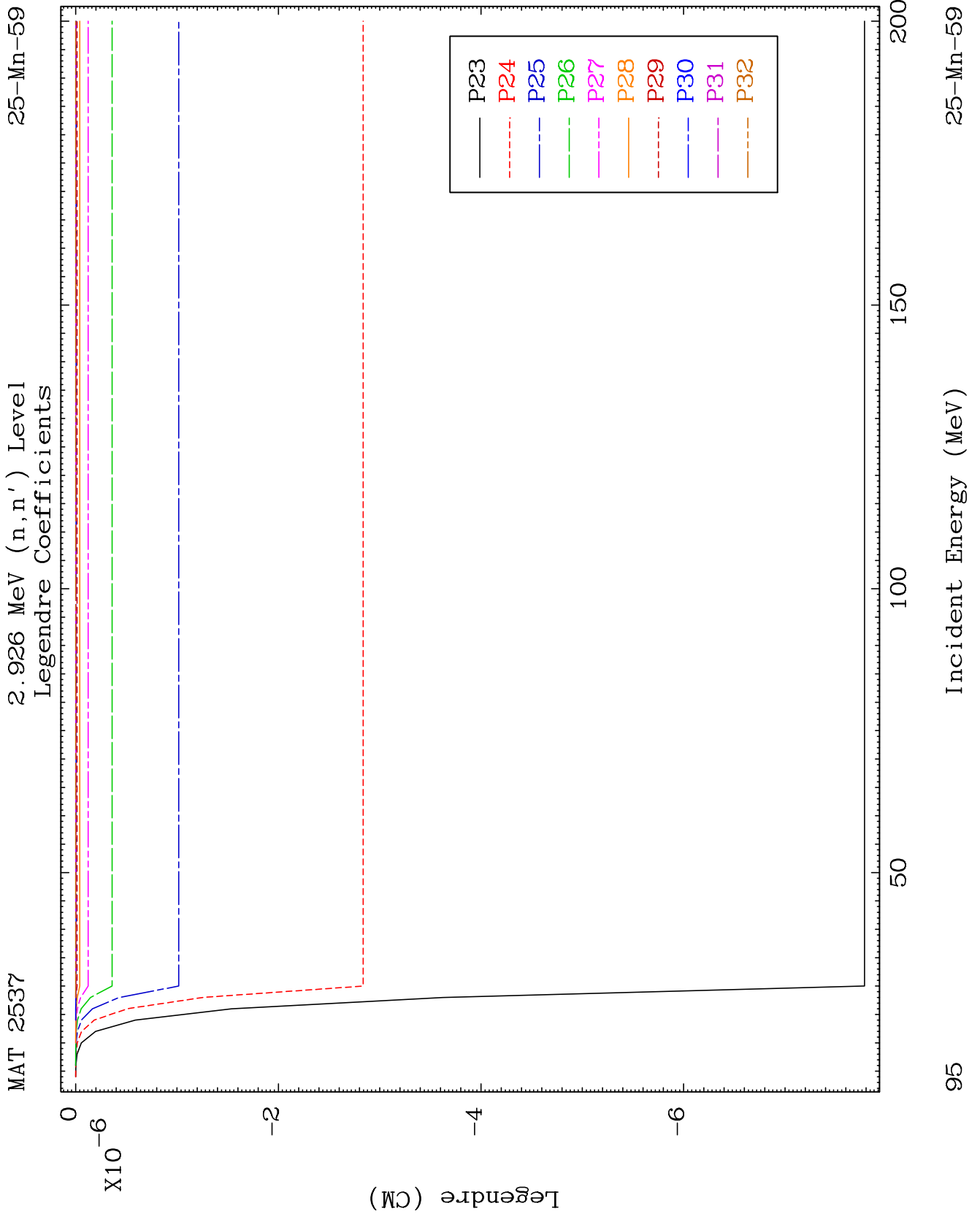


MAT 2537

2.926 MeV (n, n') Level
Legendre Coefficients

25-Mn-59

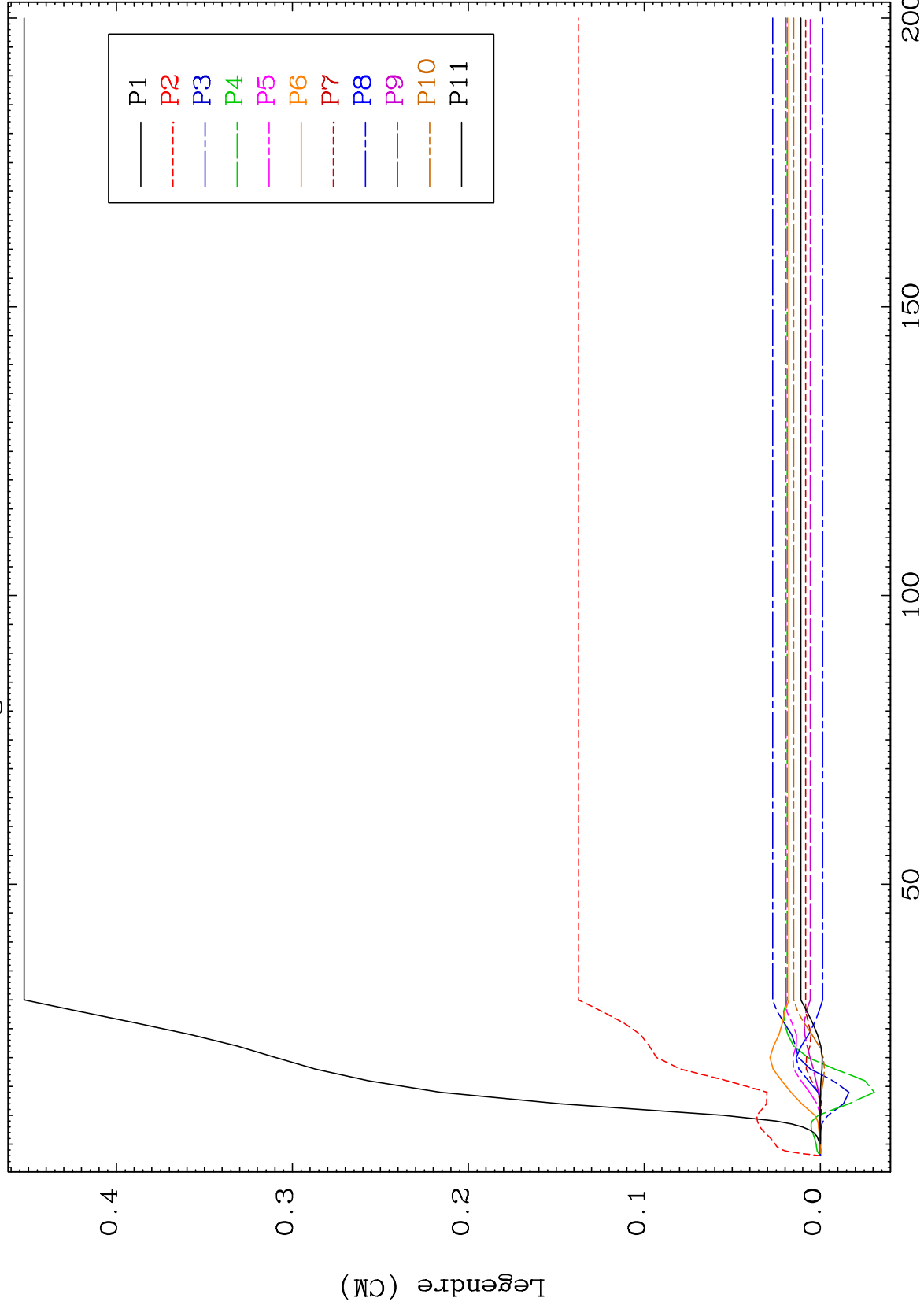




MAT 2537

2.940 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



96

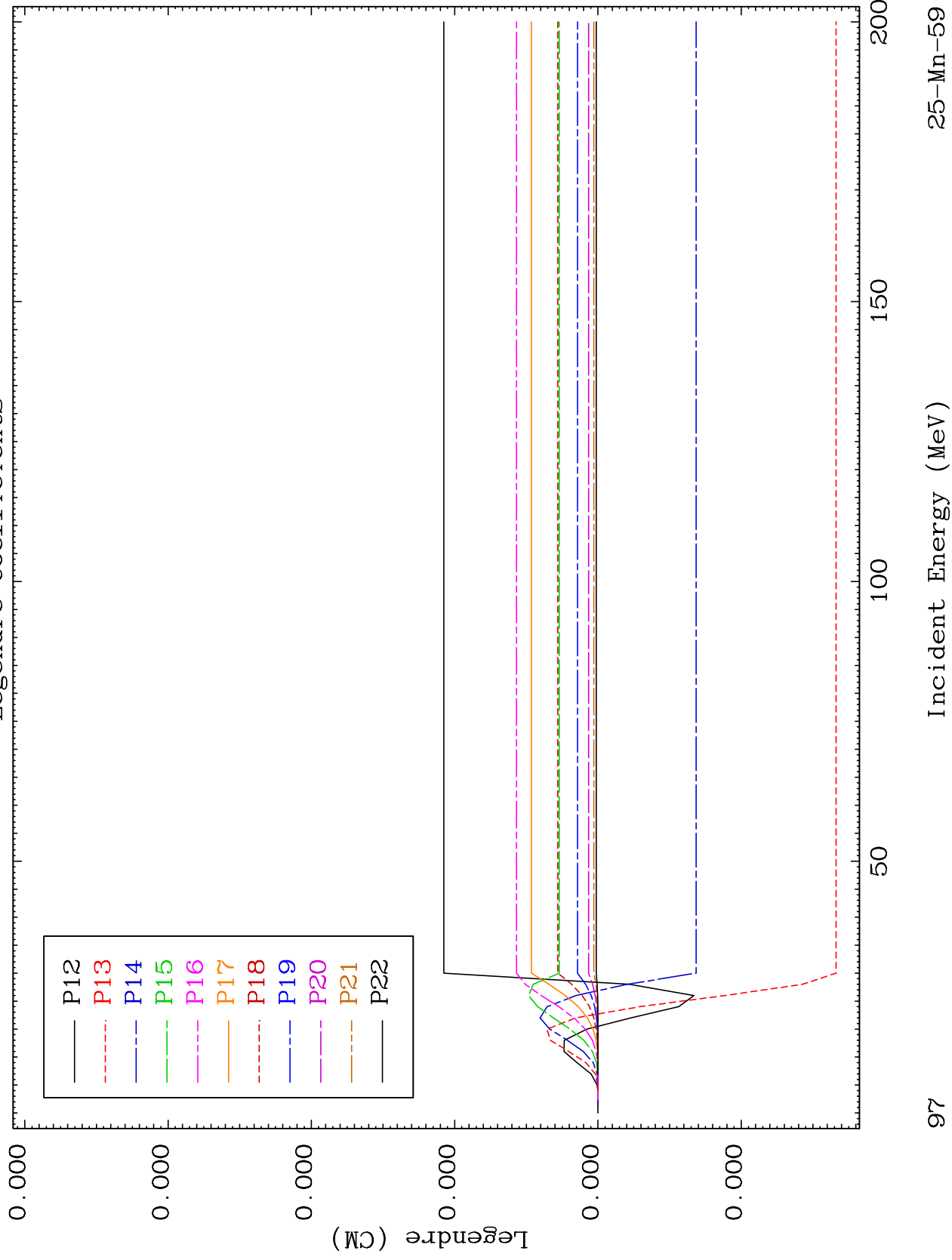
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.940 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



97

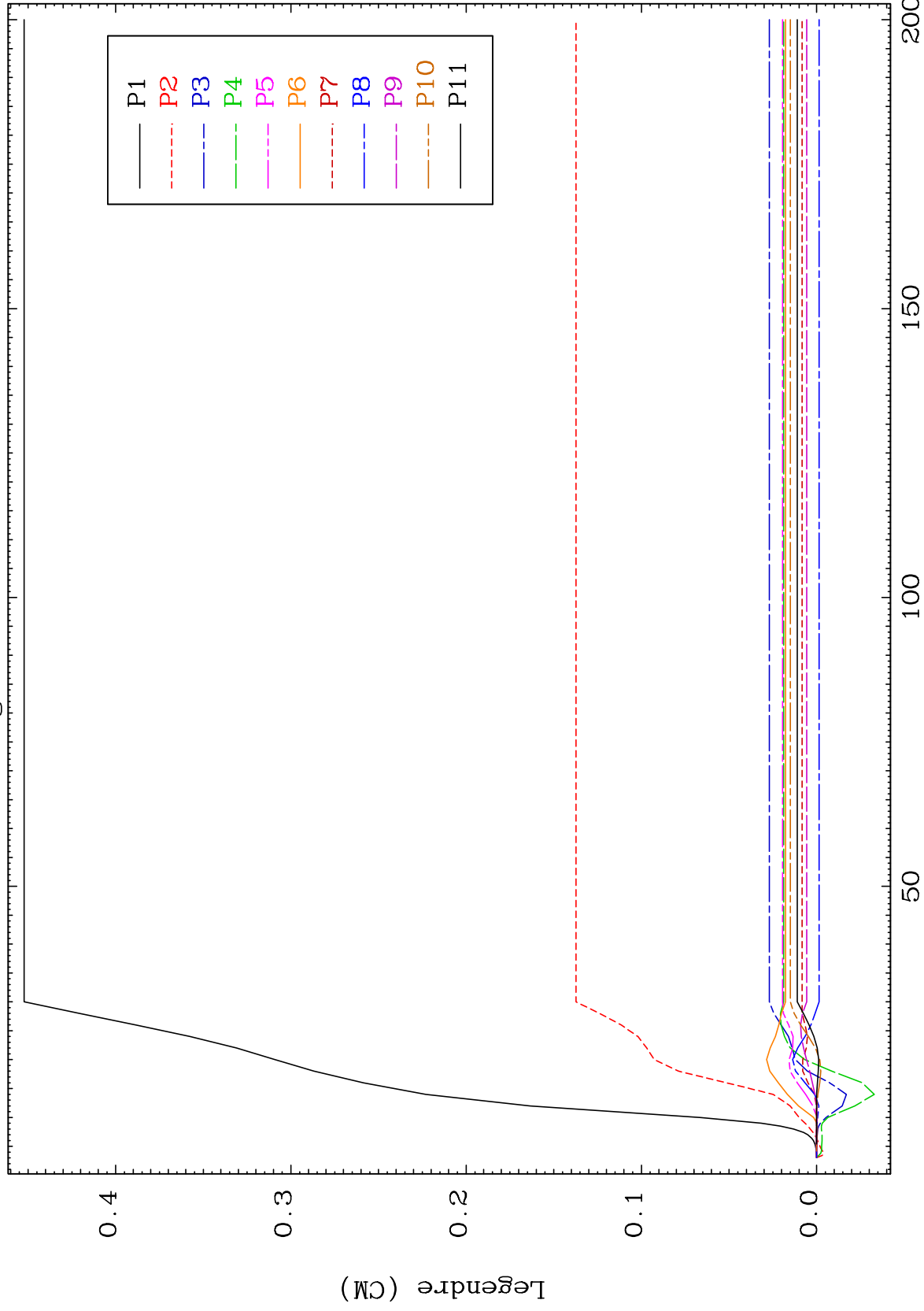
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.977 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



99

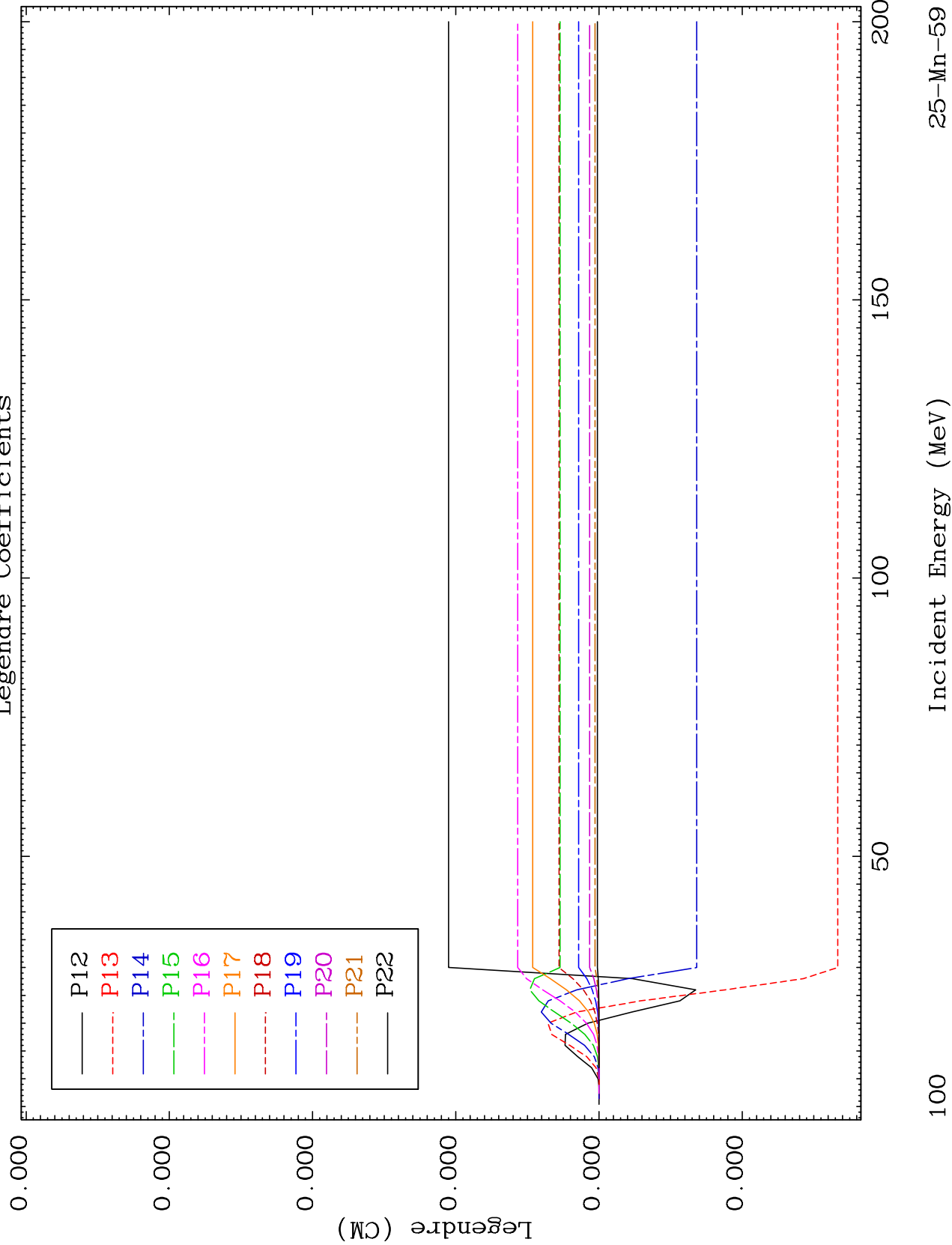
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.977 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



100

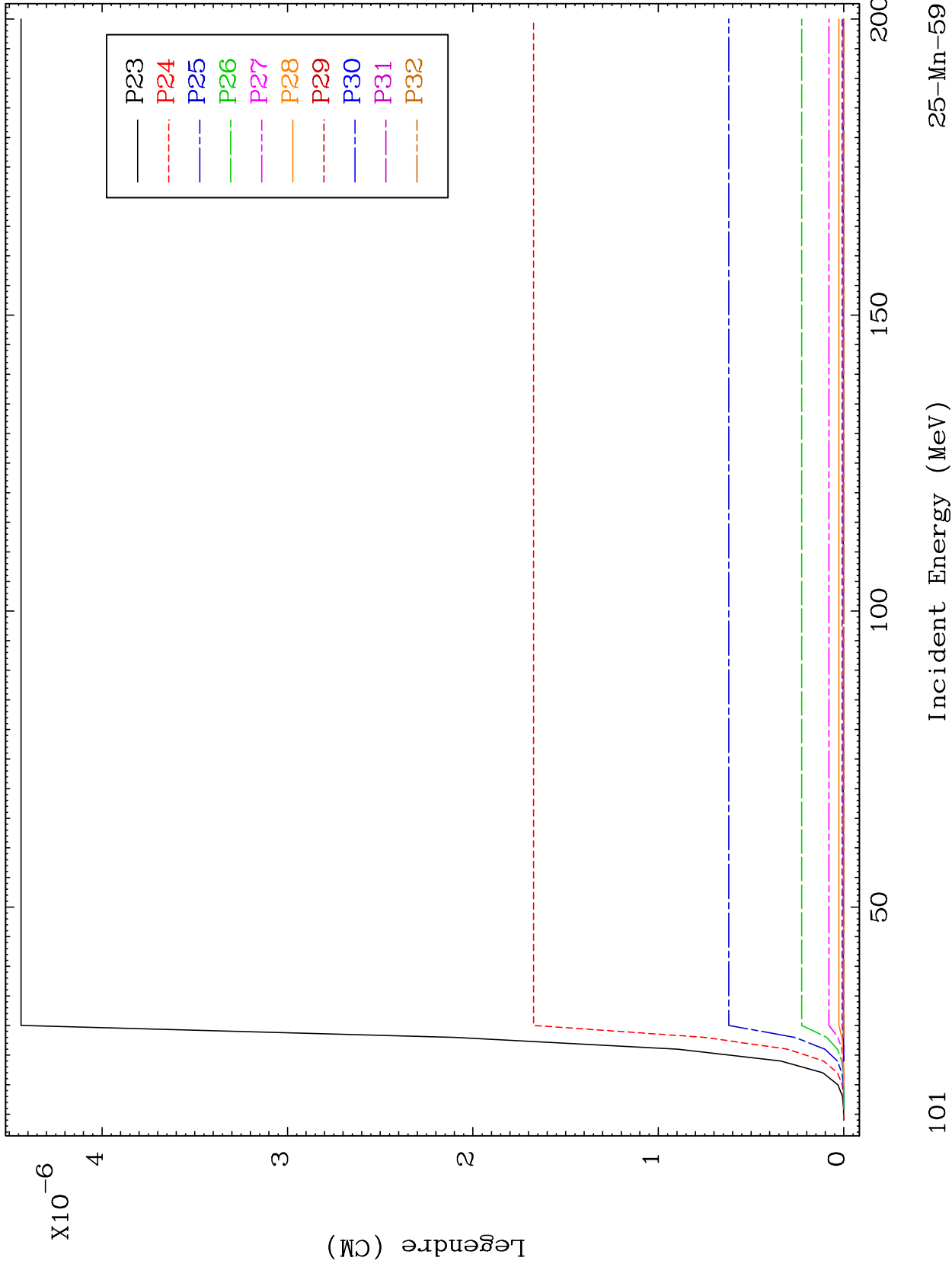
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.977 MeV (n,n') Level
Legendre Coefficients

25-Mn-59



101

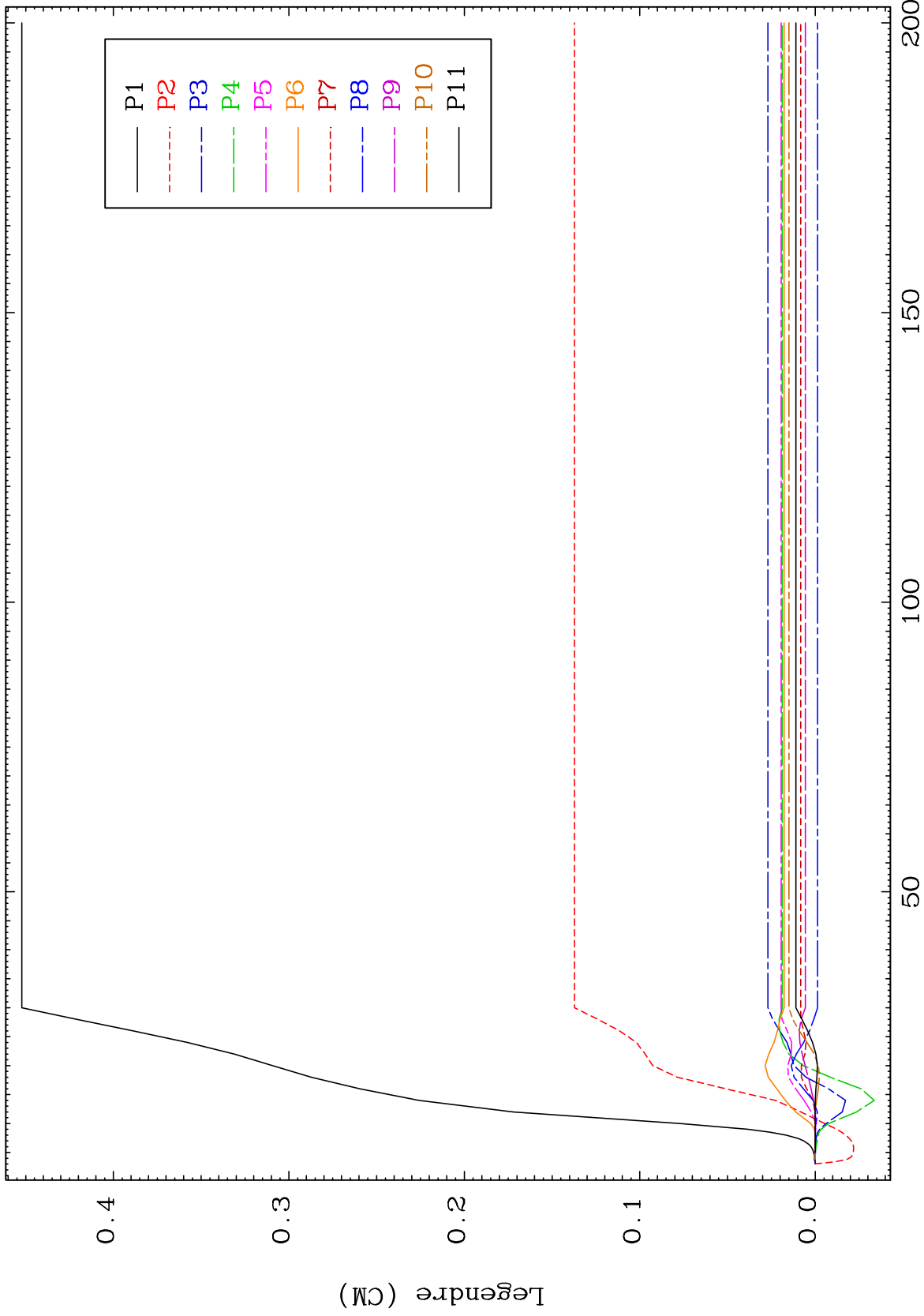
Incident Energy (MeV)

25-Mn-59

MAT 2537

2.983 MeV (n,n') Level
Legendre Coefficients

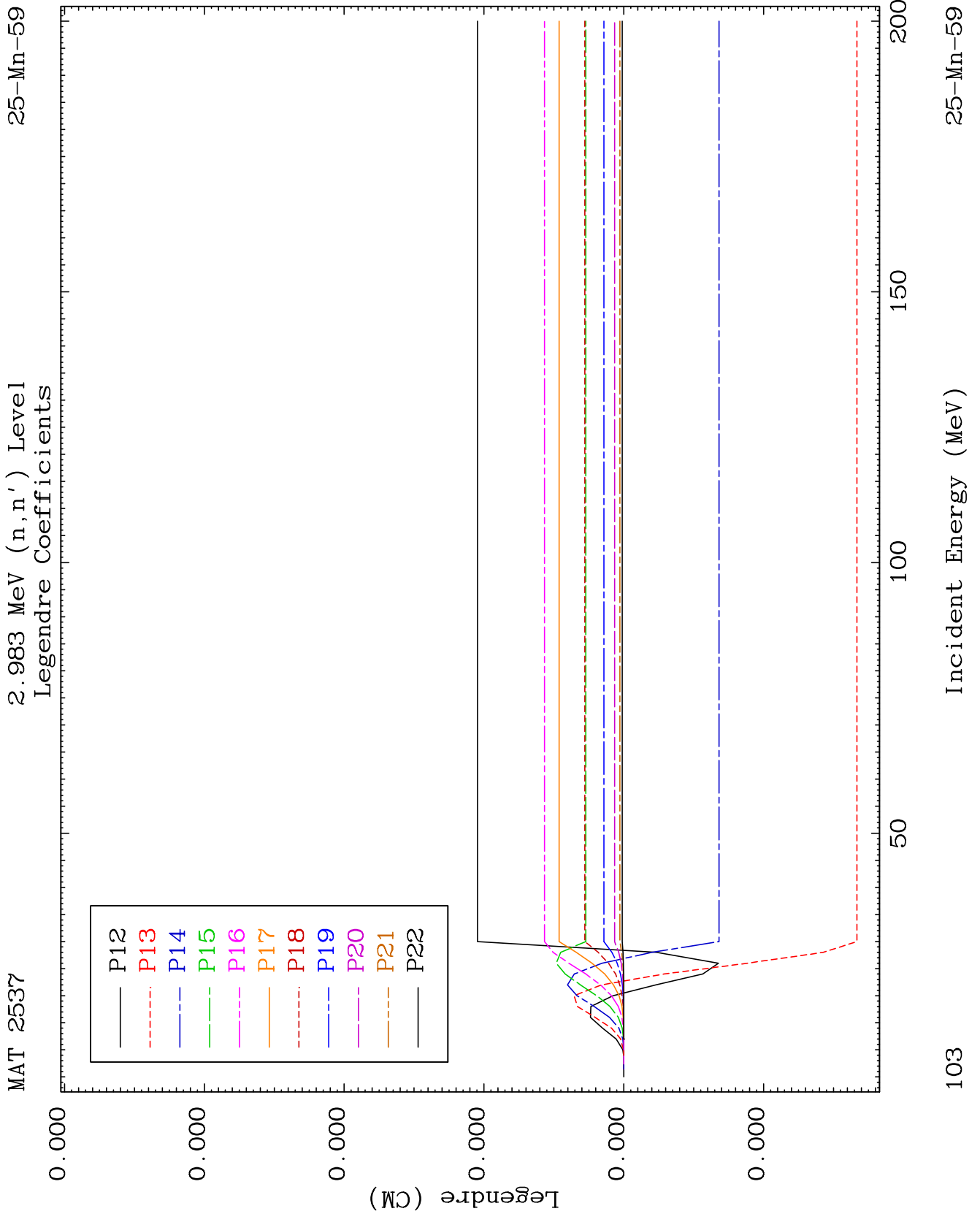
25-Mn-59

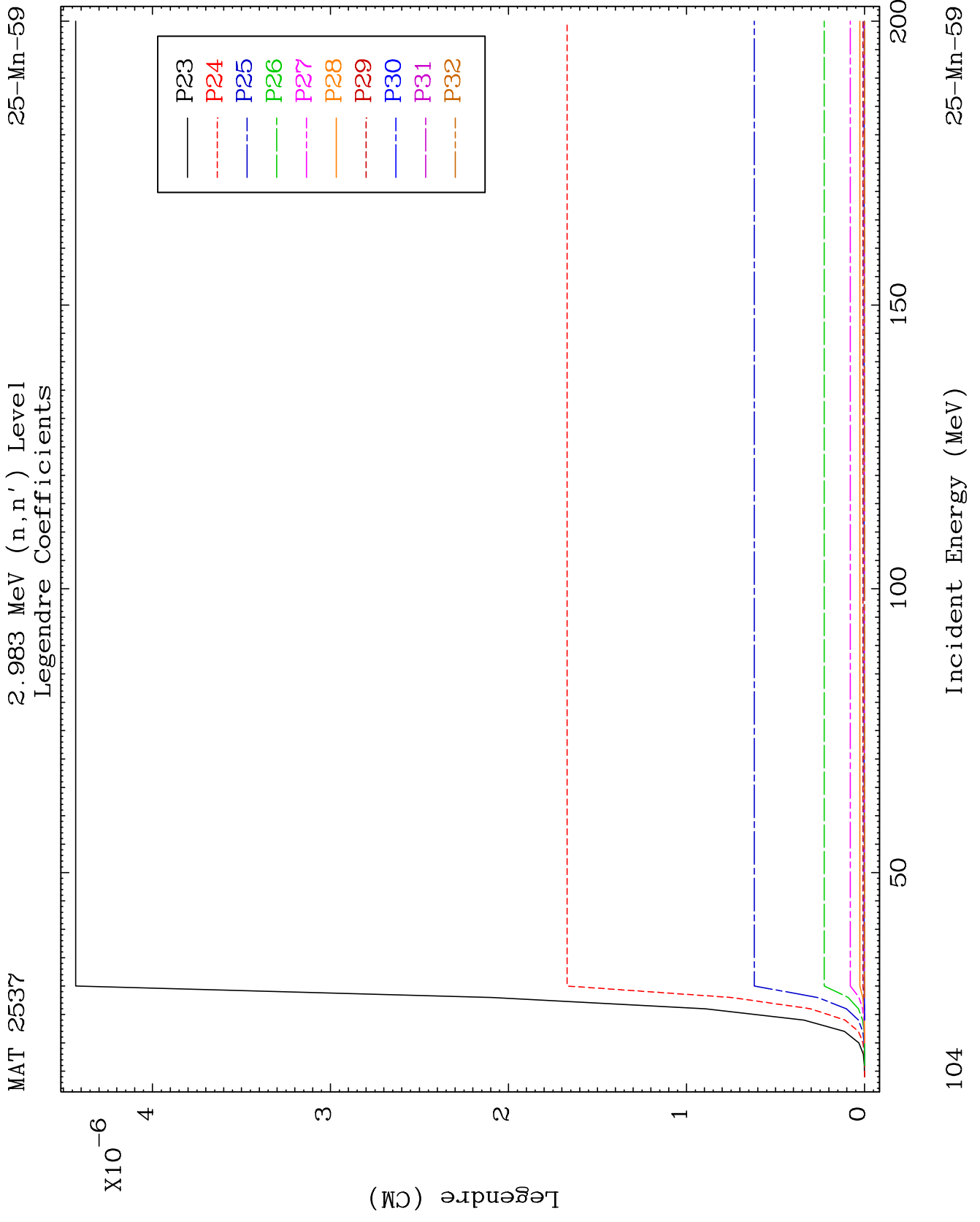


102

Incident Energy (MeV)

25-Mn-59

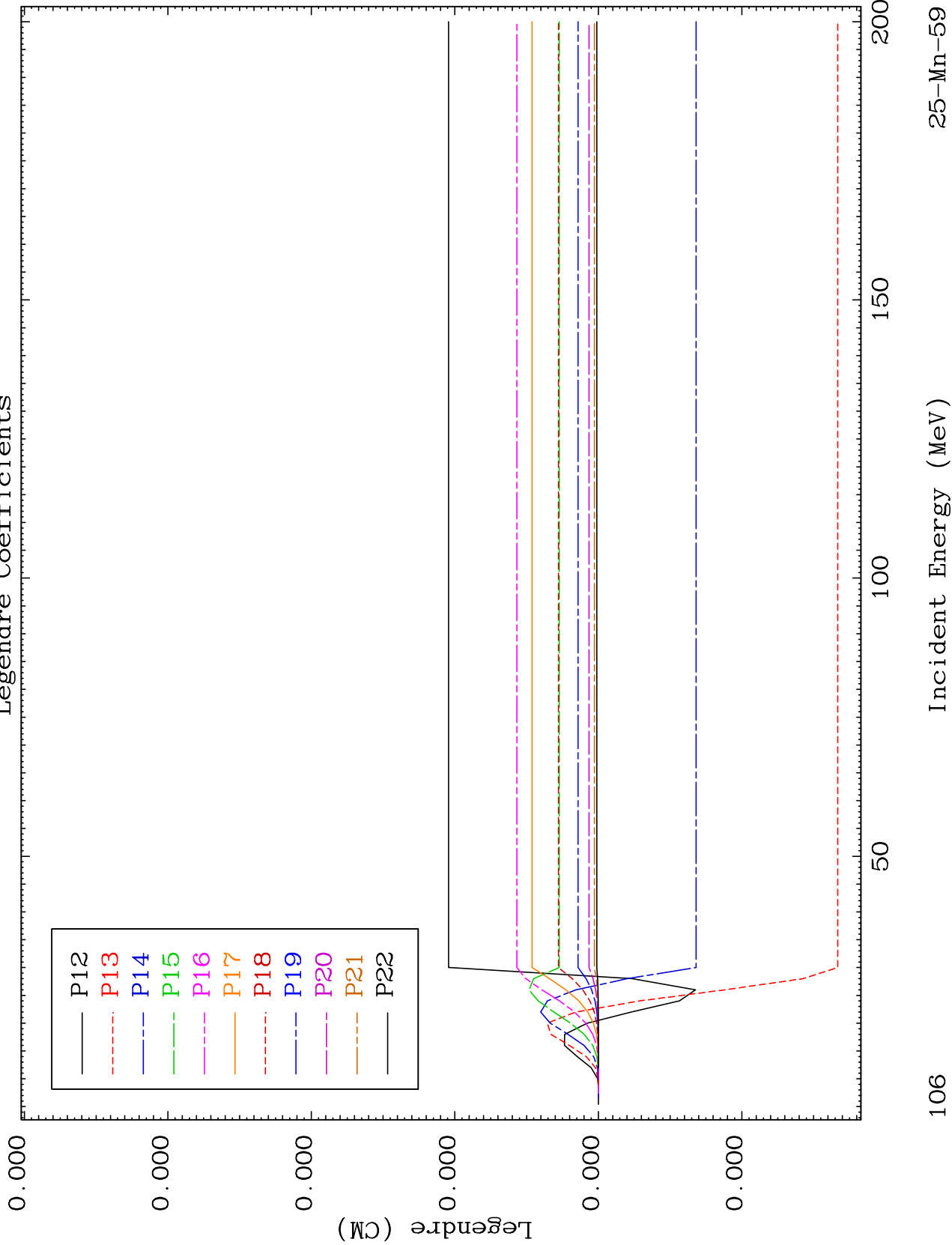




MAT 2537

2.987 MeV (n,n') Level
Legendre Coefficients

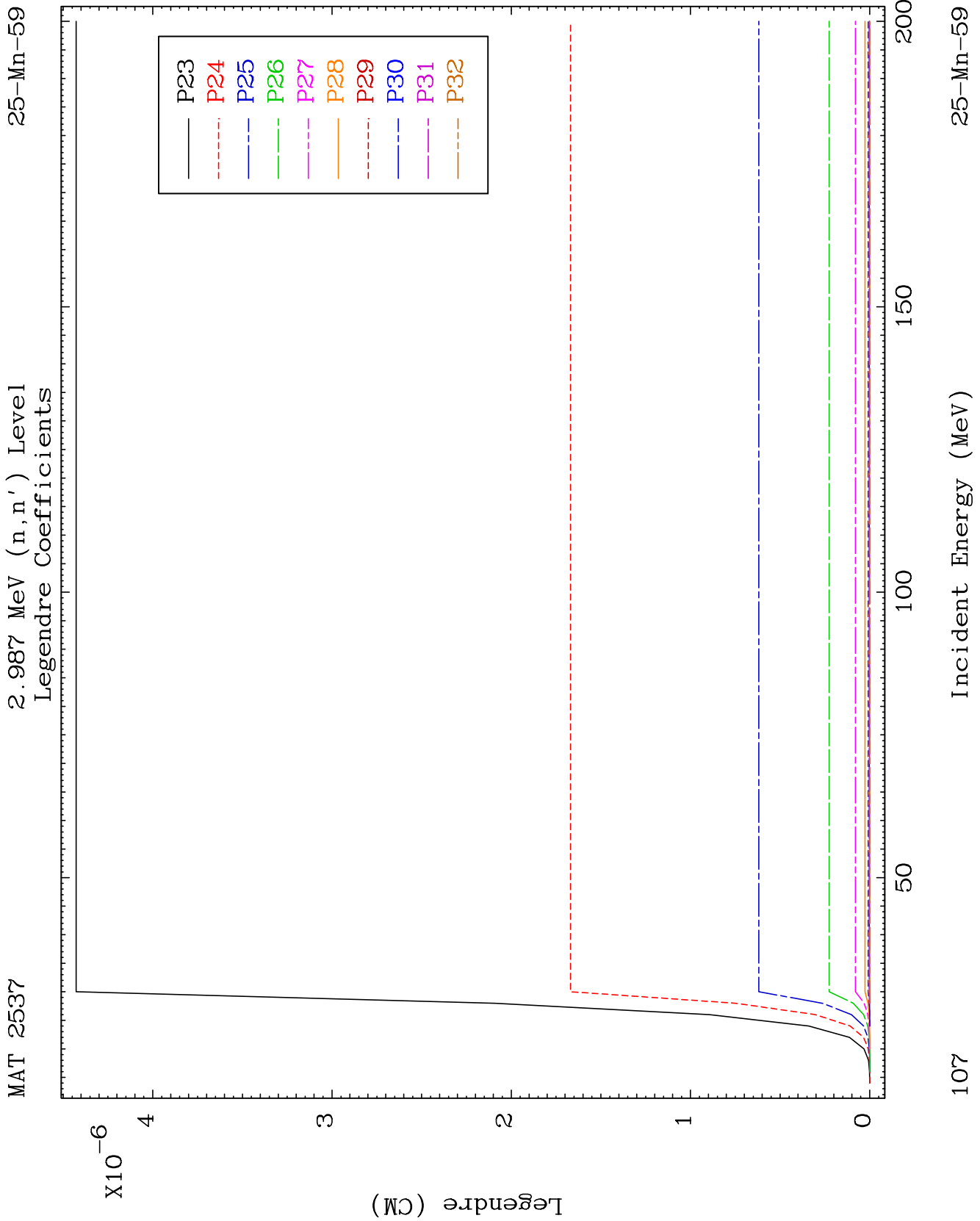
25-Mn-59



106

Incident Energy (MeV)

25-Mn-59

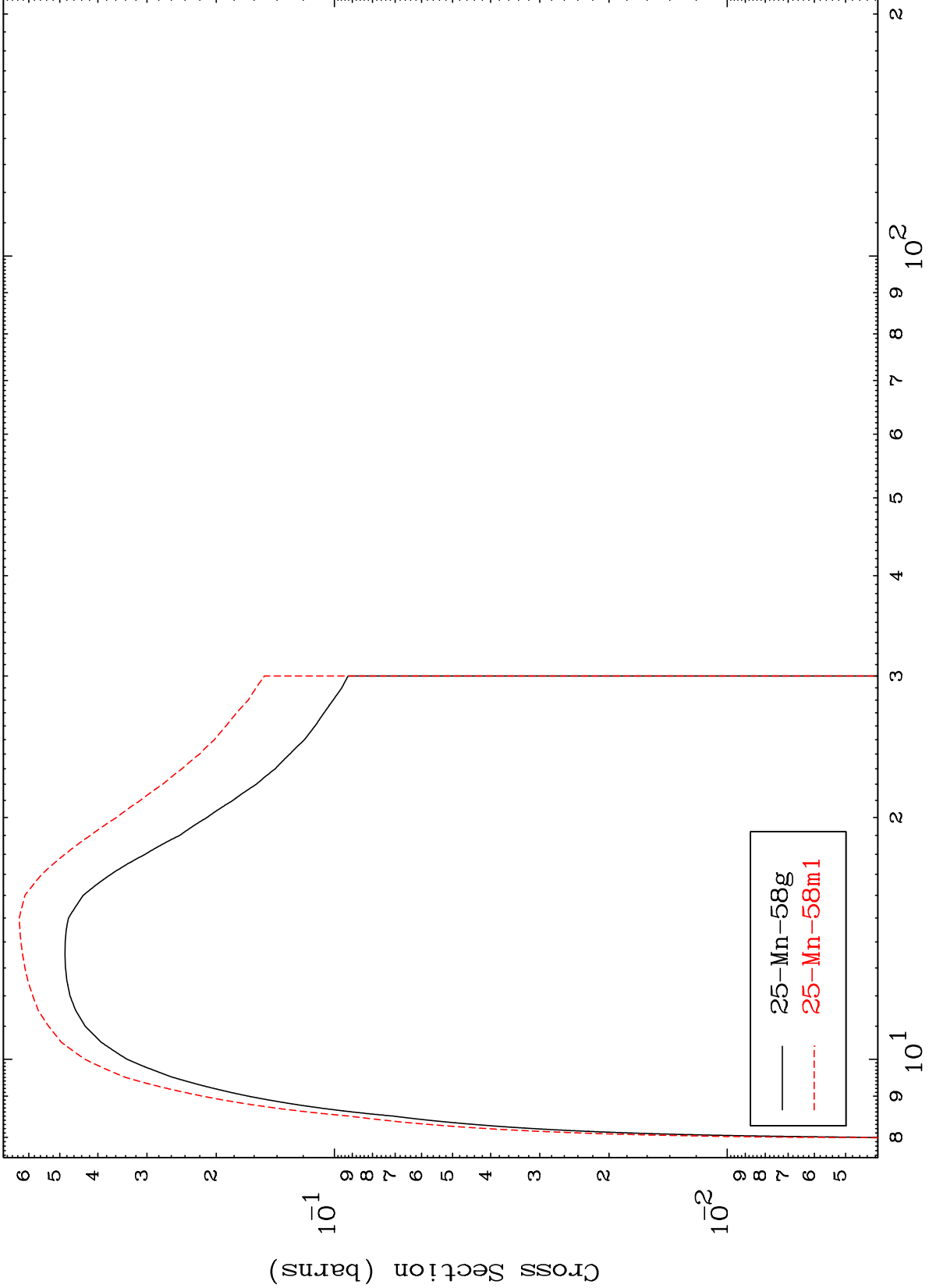


MAT 2537

(n,2n)

²⁵Mn-59

Radionuclide Production Cross Section



— 25-Mn-58g
- - - 25-Mn-58m1

108

Incident Energy (MeV)

²⁵Mn-59

MAT 2537

25-Mn-59

(n, γ)
Radionuclide Production Cross Section

