

Program EVALPLOT  
(Version 2015-2)

by

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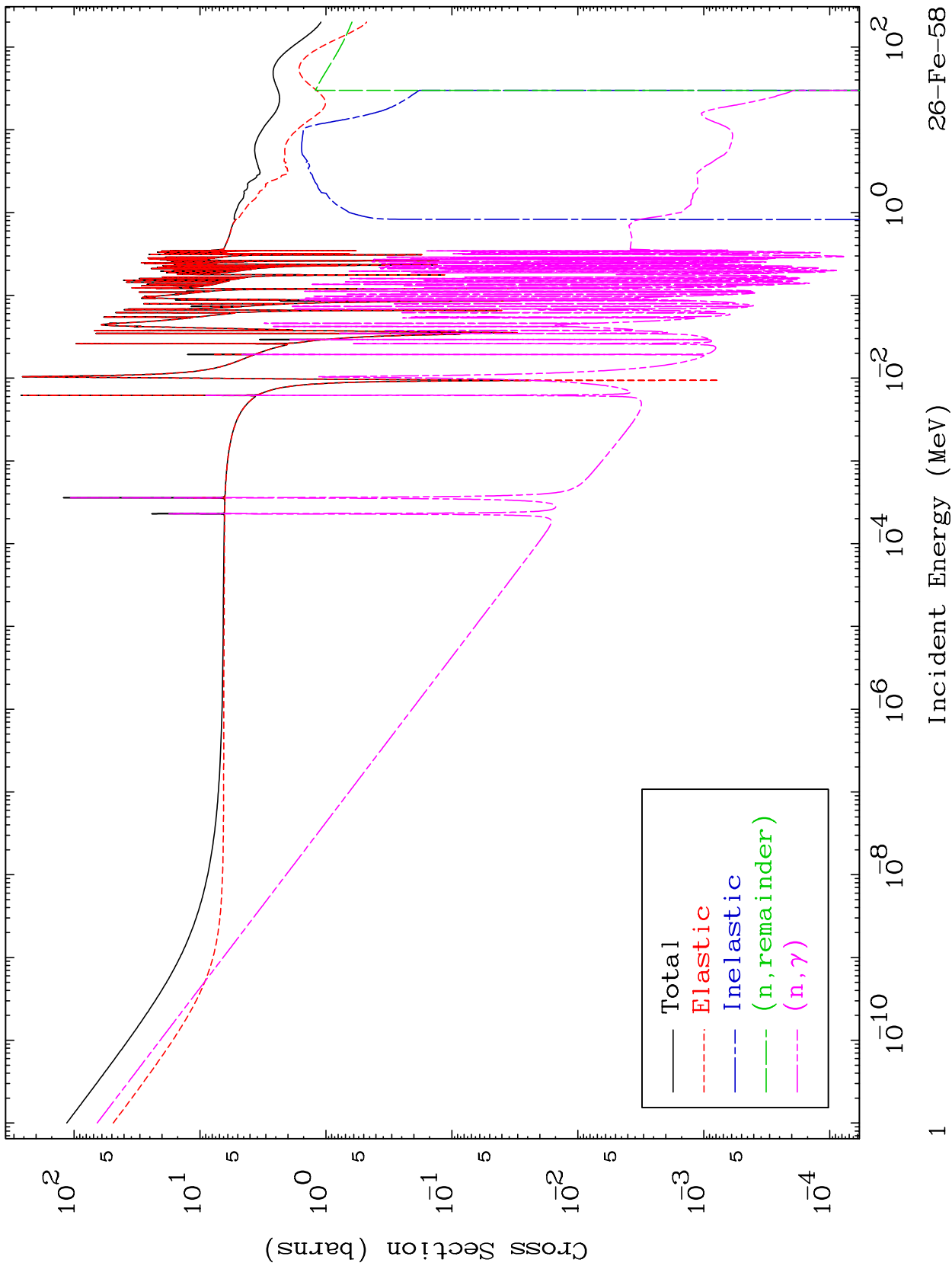
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2637

Major  
293 Kelvin Cross Sections

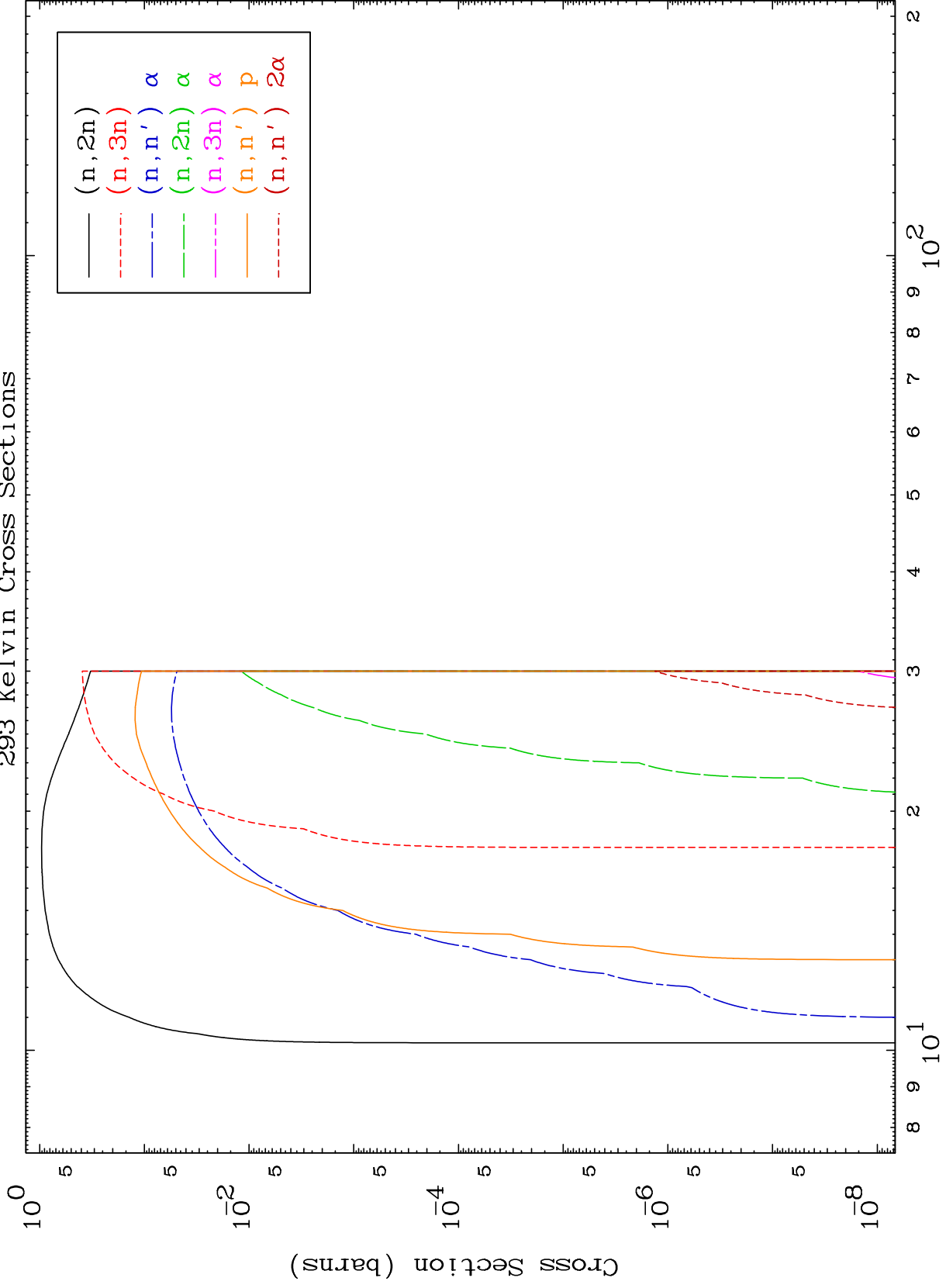
26-Fe-58



MAT 2637

Neutron Production  
293 Kelvin Cross Sections

26-Fe-58



2

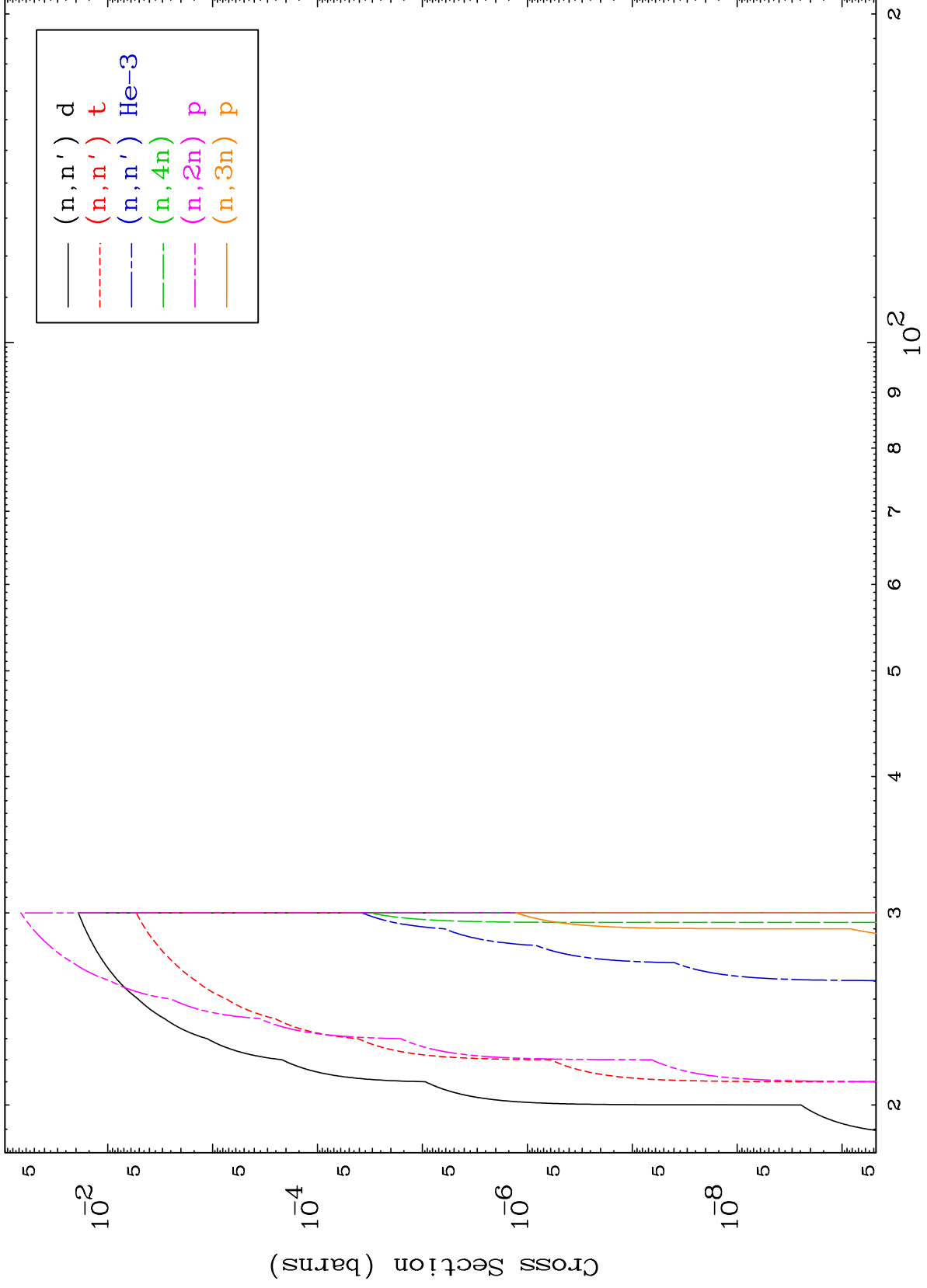
Incident Energy (MeV)

26-Fe-58

MAT 2637

Neutron Production  
293 Kelvin Cross Sections

26-Fe-58



3

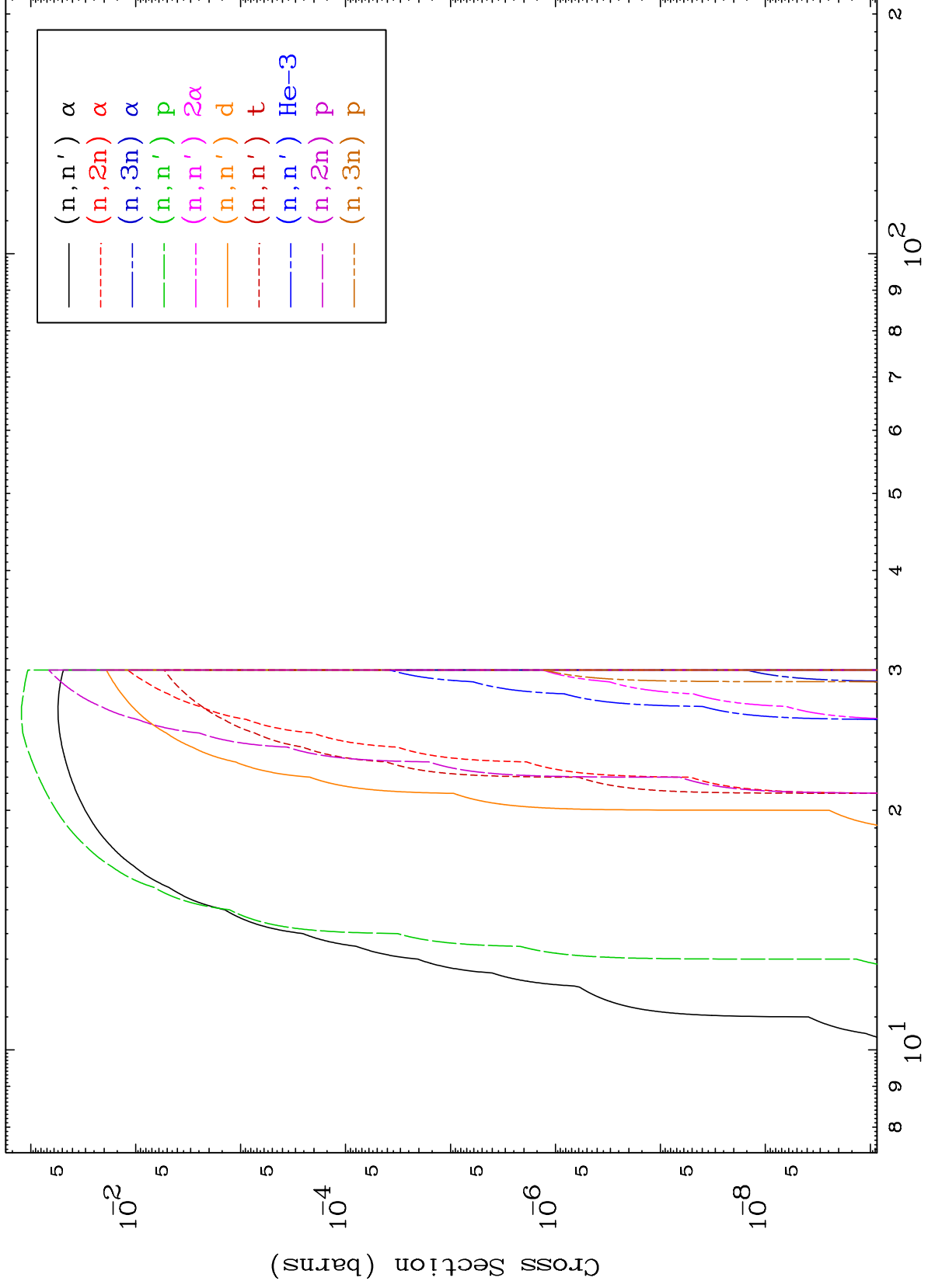
Incident Energy (MeV)

26-Fe-58

MAT 2637

Charged Particle  
293 Kelvin Cross Sections

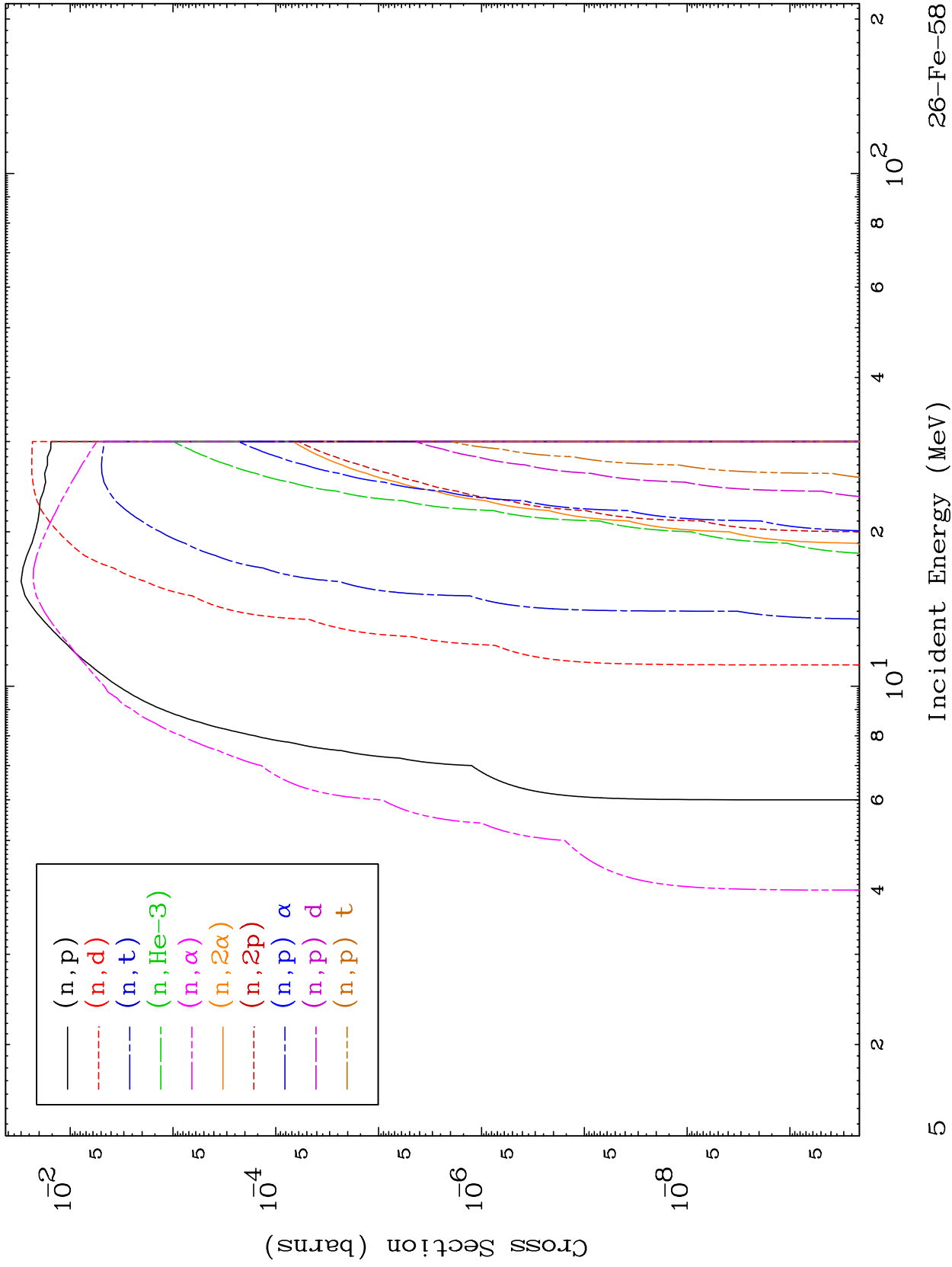
26-Fe-58



4

Incident Energy (MeV)

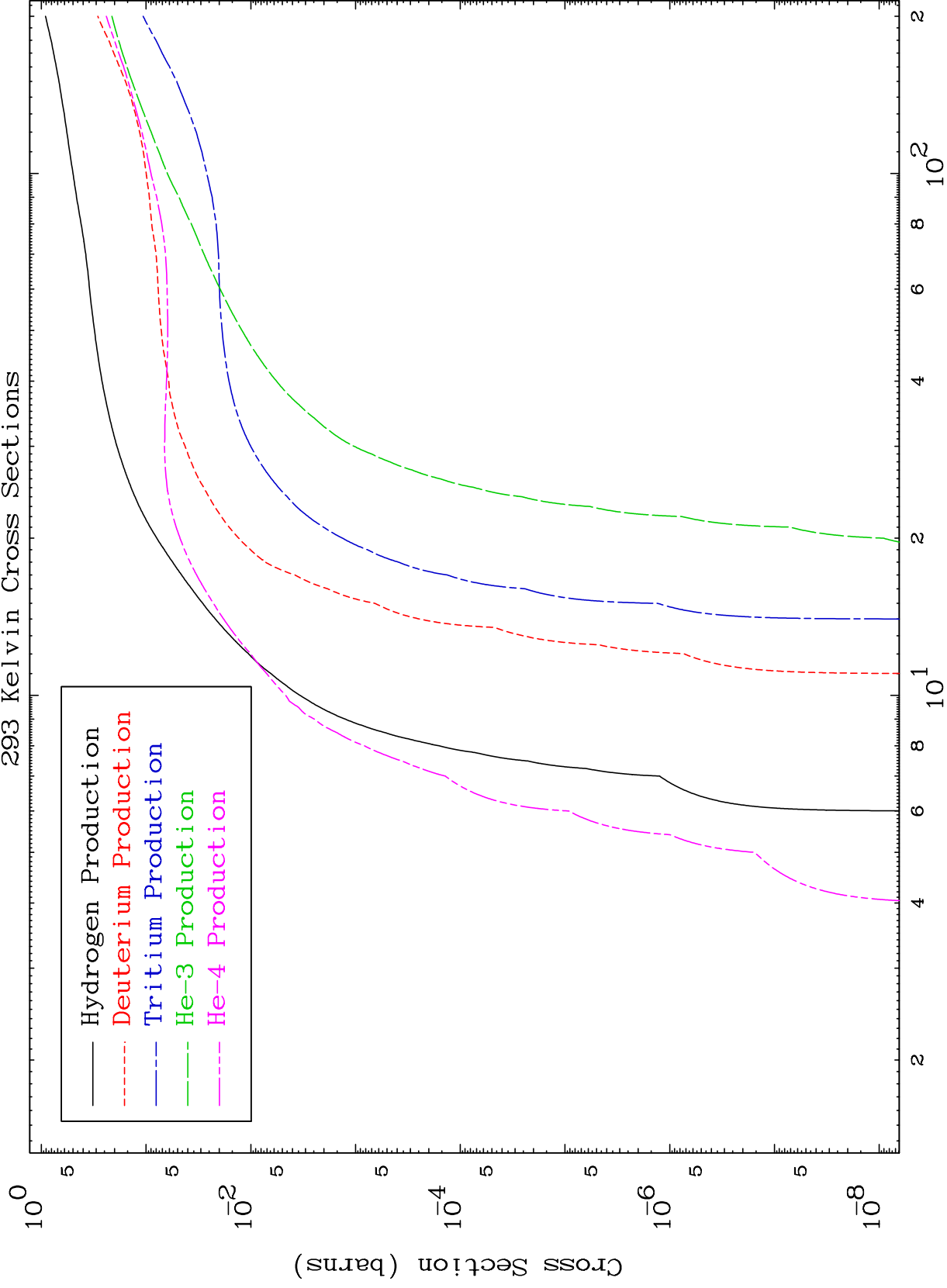
26-Fe-58



MAT 2637

Particle Production  
293 Kelvin Cross Sections

26-Fe-58



6

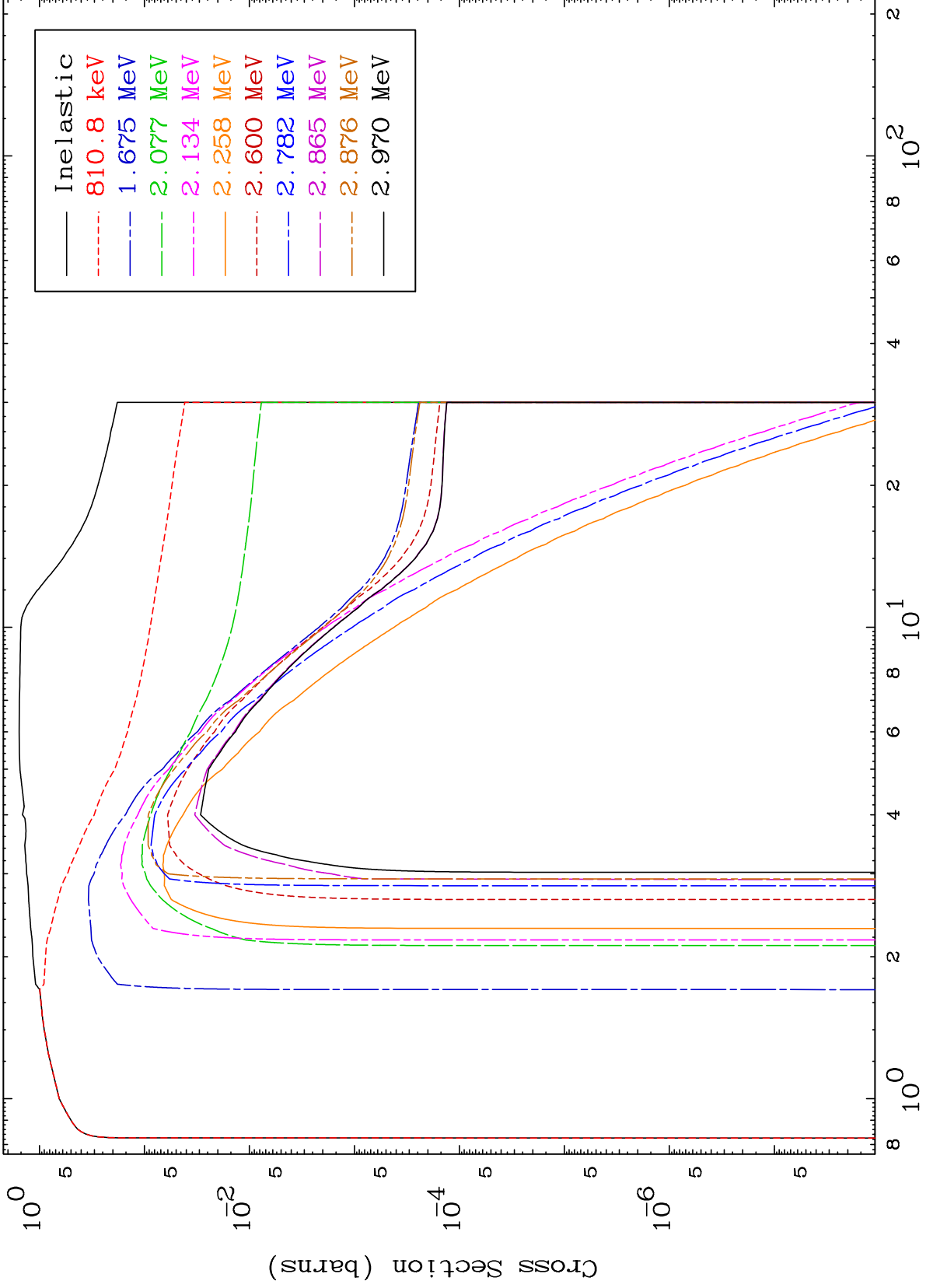
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-58



Incident Energy (MeV)

26-Fe-58

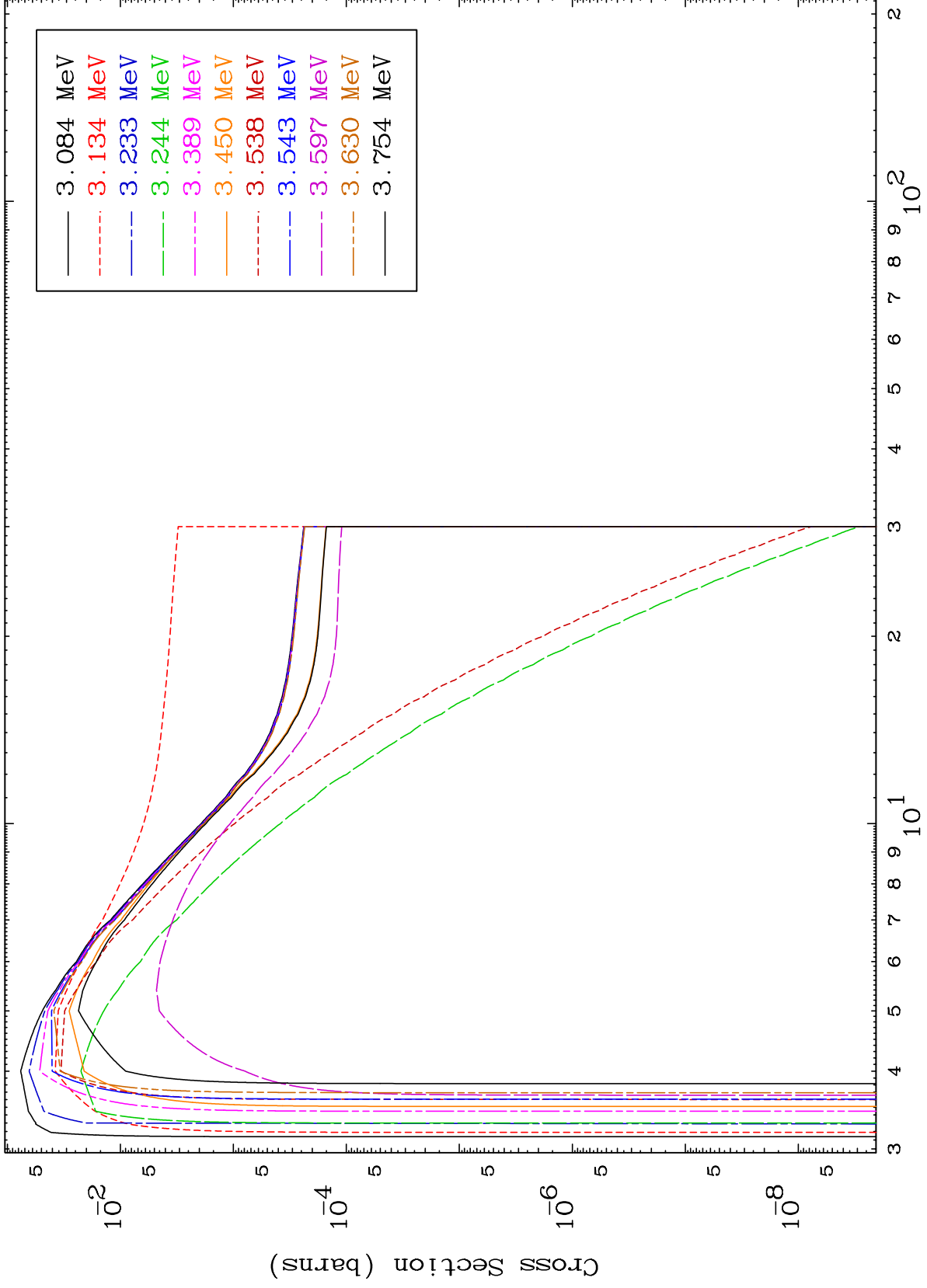
7



MAT 2637

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-58



8

Incident Energy (MeV)

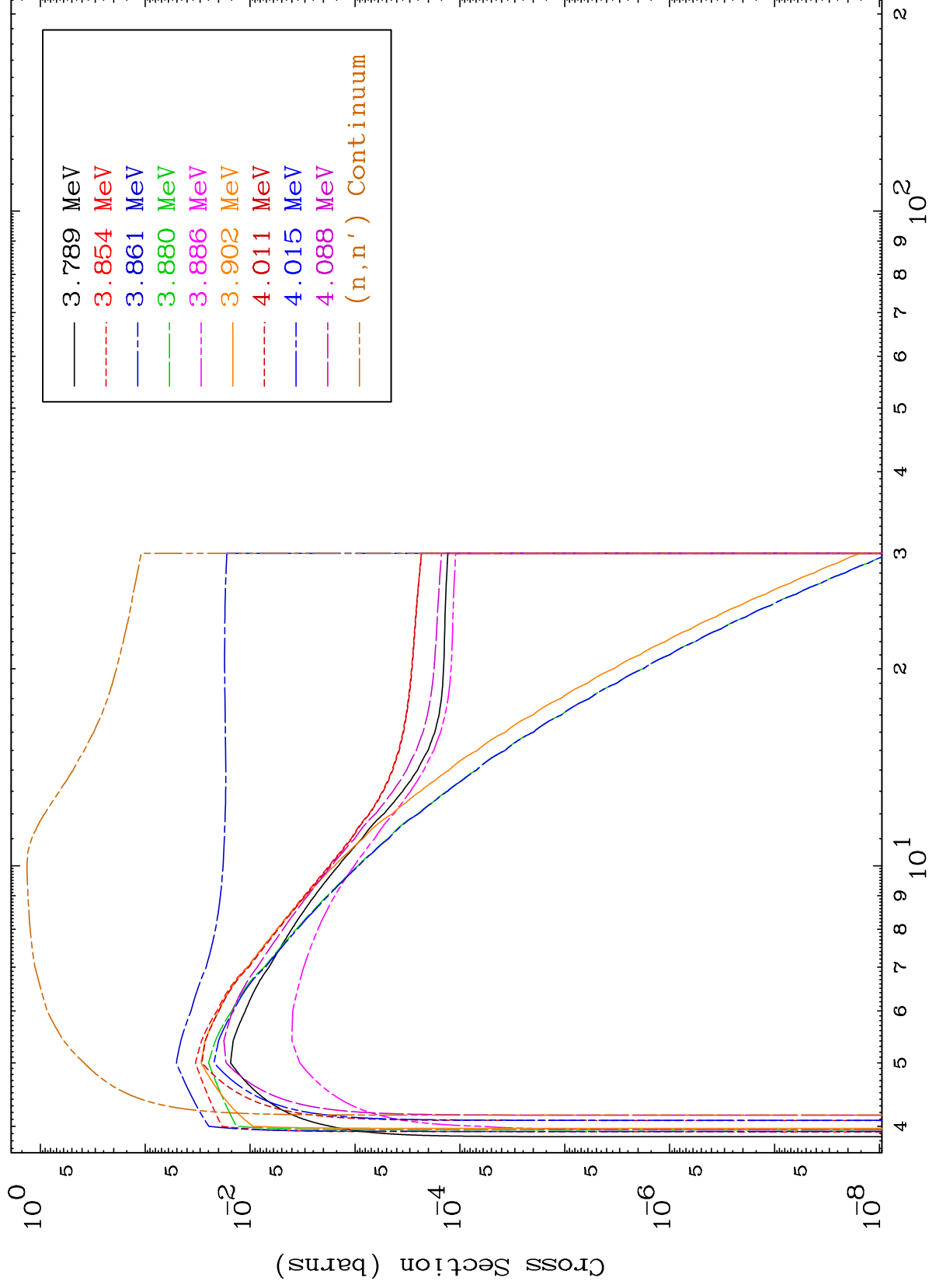
26-Fe-58

MAT 2637

(n,n') Level

26-Fe-58

293 Kelvin Cross Sections



9

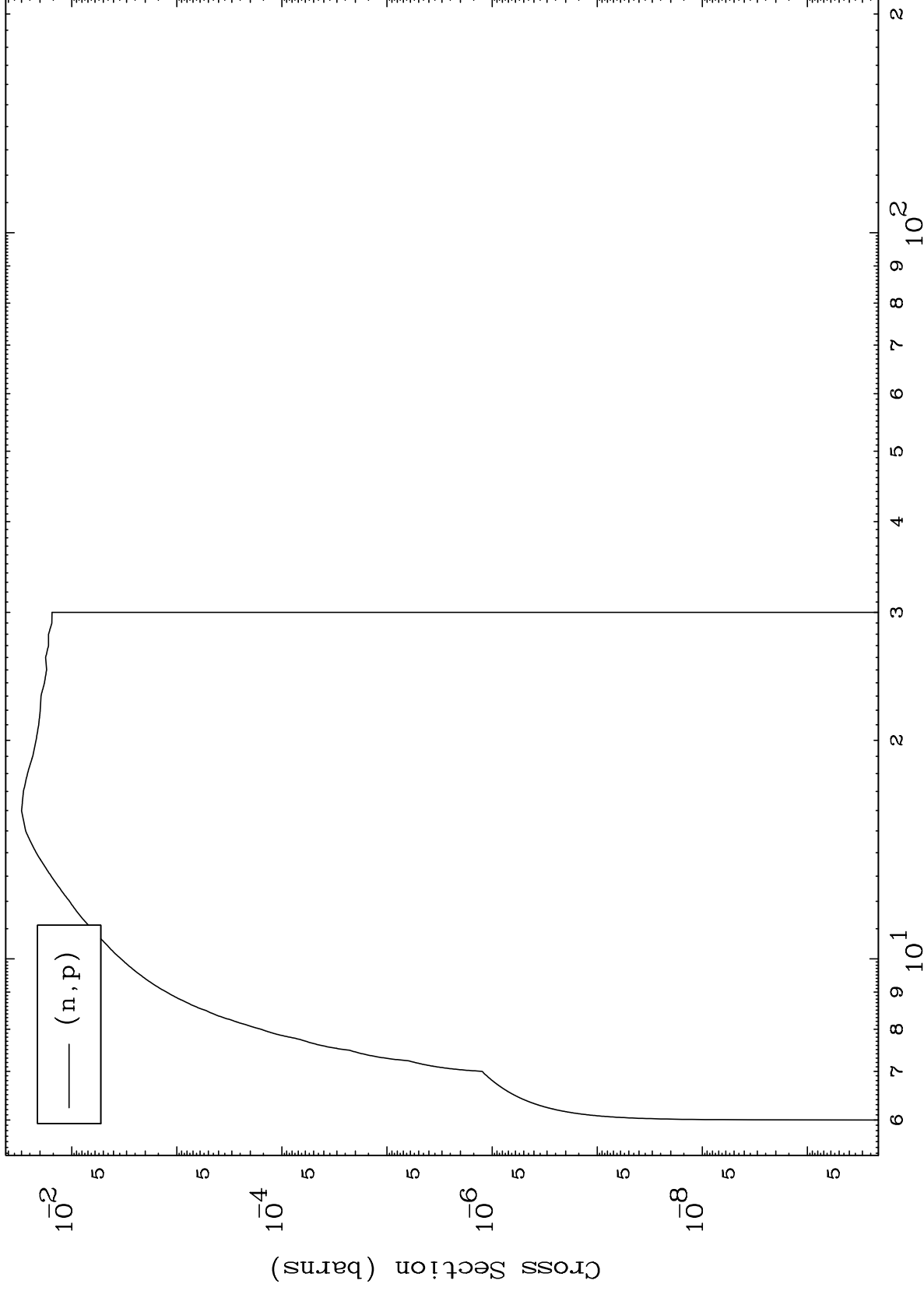
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,p) Levels  
293 Kelvin Cross Sections

26-Fe-58



10

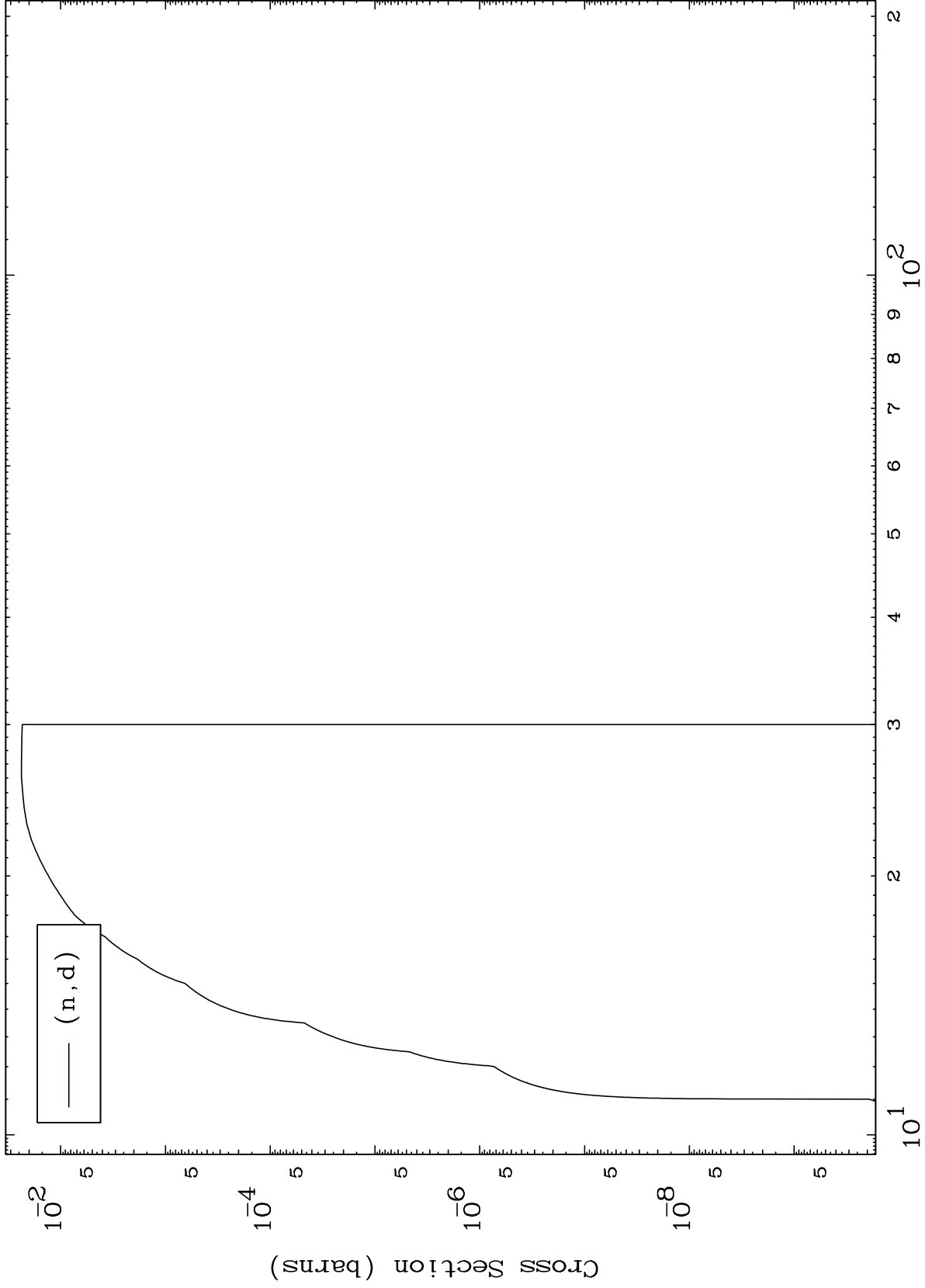
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,d) Levels  
293 Kelvin Cross Sections

26-Fe-58



Incident Energy (MeV)

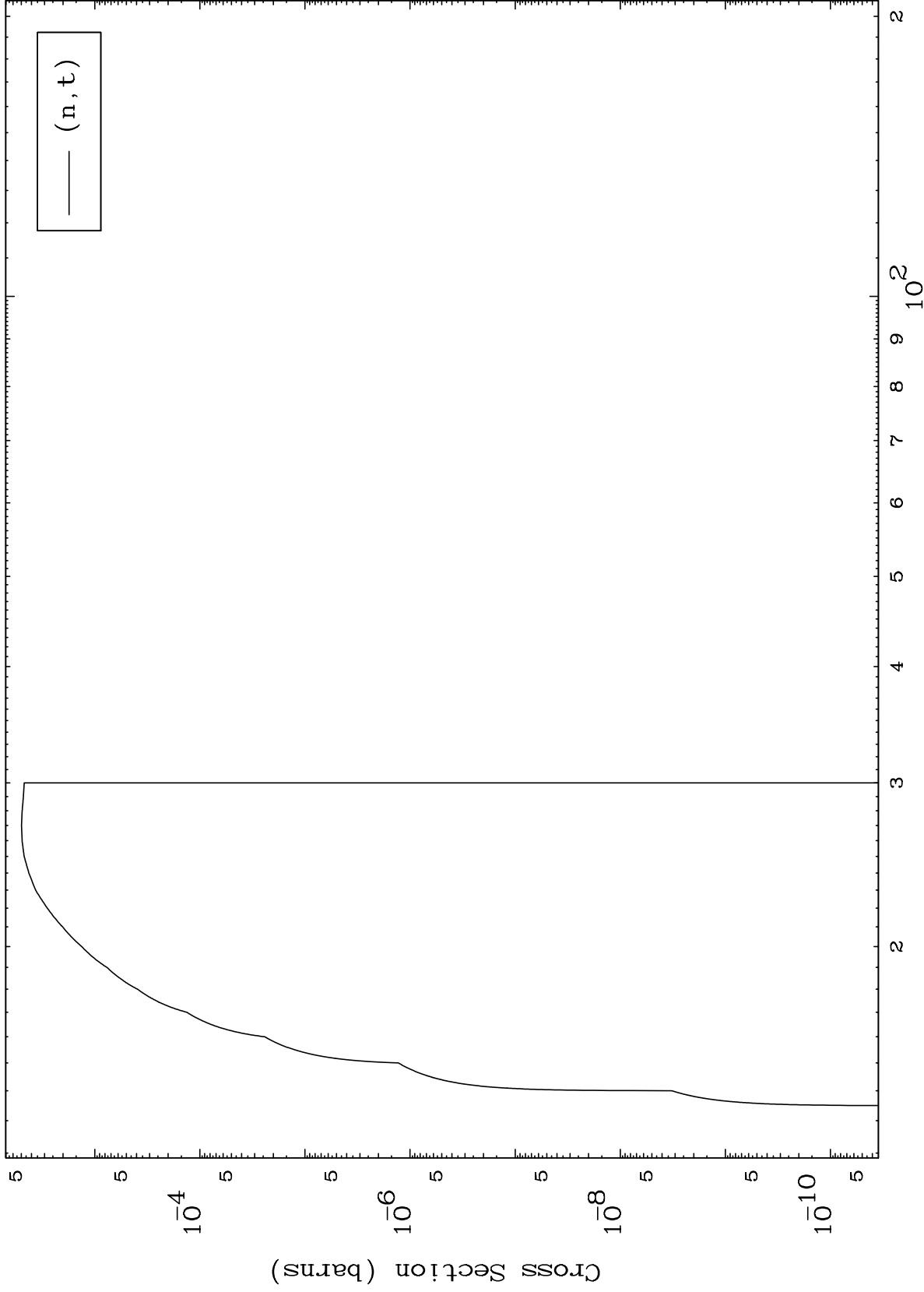
26-Fe-58

11

MAT 2637

(n,t) Levels  
293 Kelvin Cross Sections

26-Fe-58



12

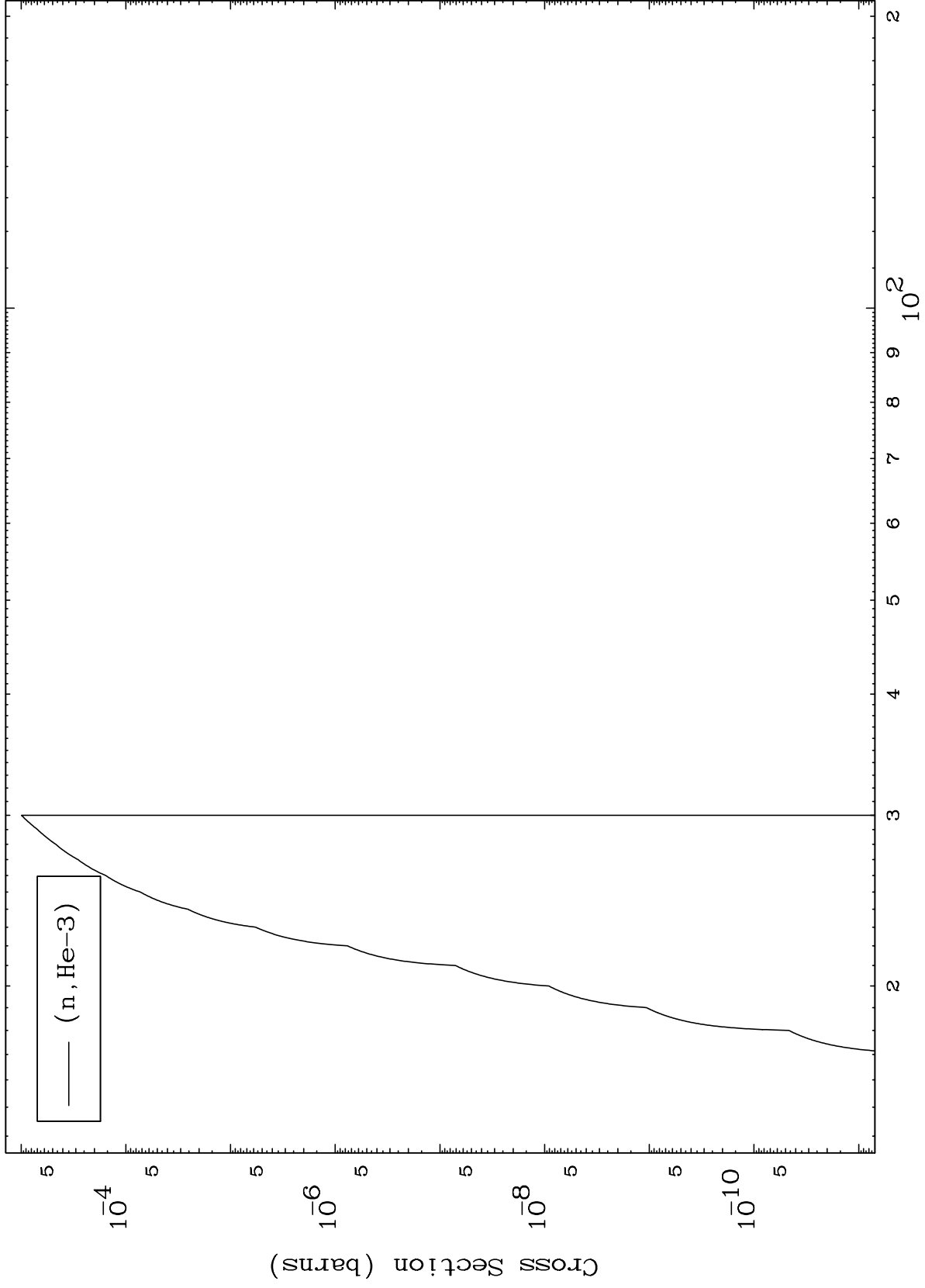
Incident Energy (MeV)

26-Fe-58

MAT 2637

(n,He3) Levels  
293 Kelvin Cross Sections

26-Fe-58



13

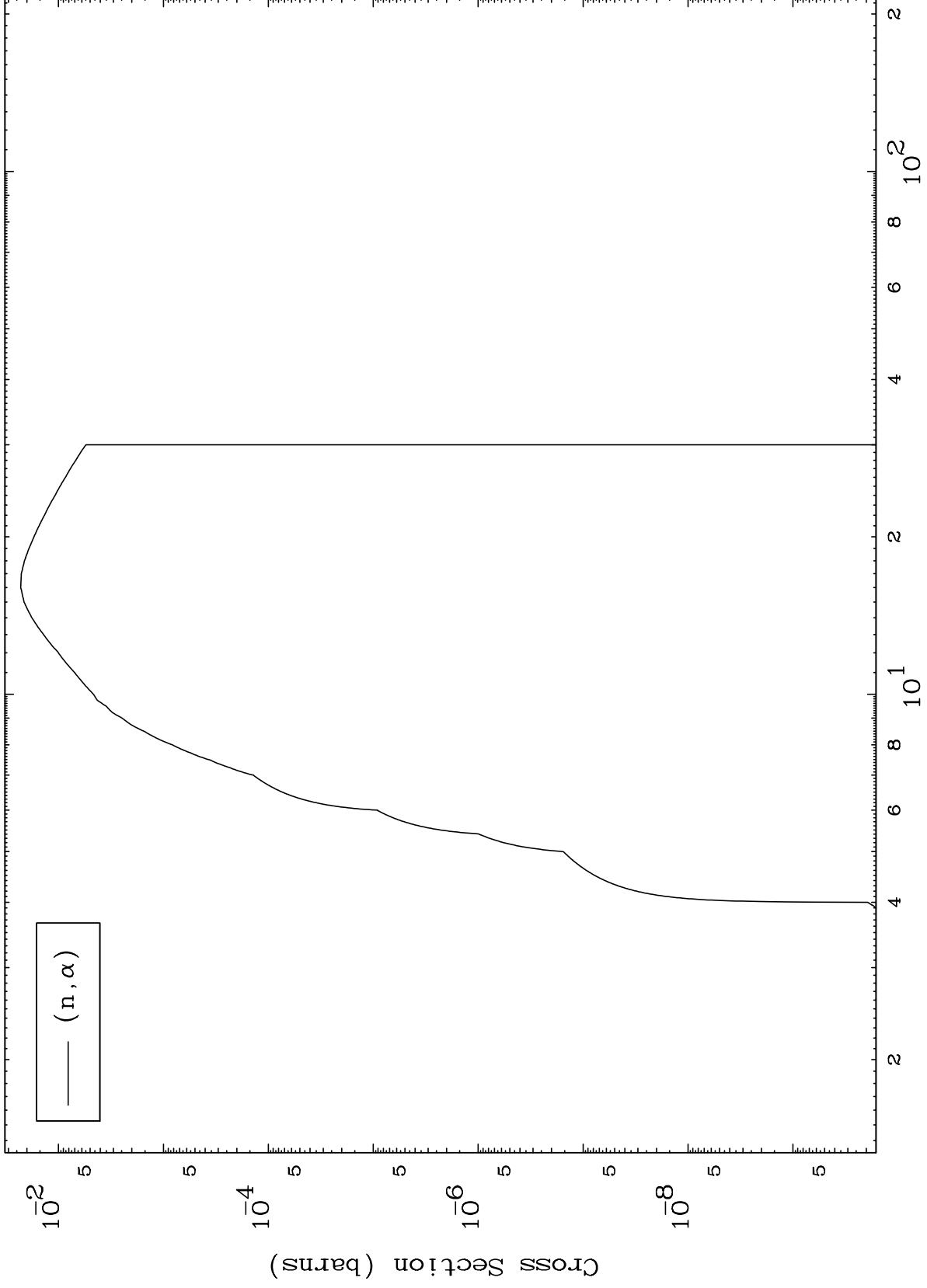
Incident Energy (MeV)

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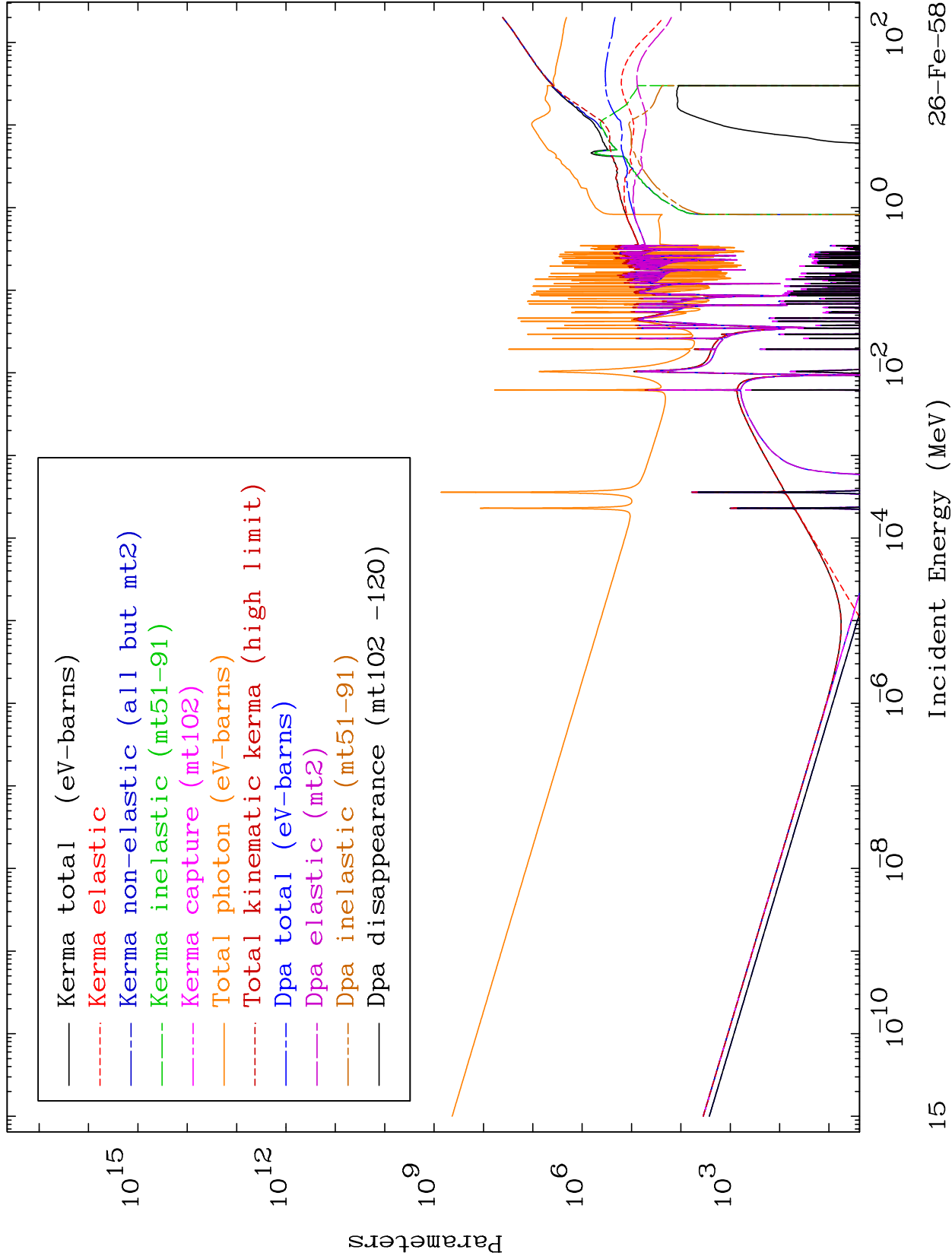
MAT 2637

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

26-Fe-58



(n,  $\alpha$ )

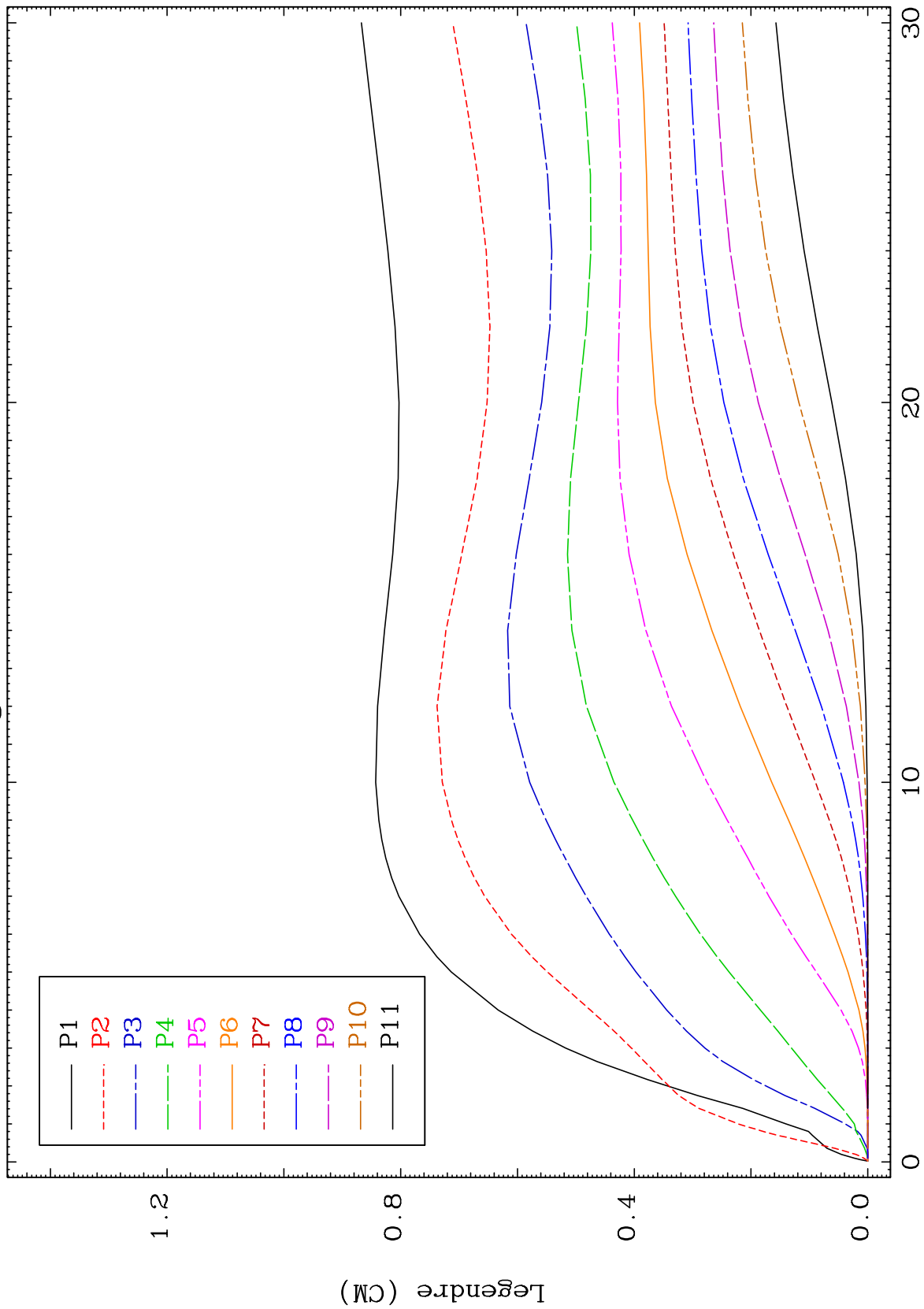




MAT 2637

Elastic Legendre Coefficients

<sup>26</sup>Fe-58



16

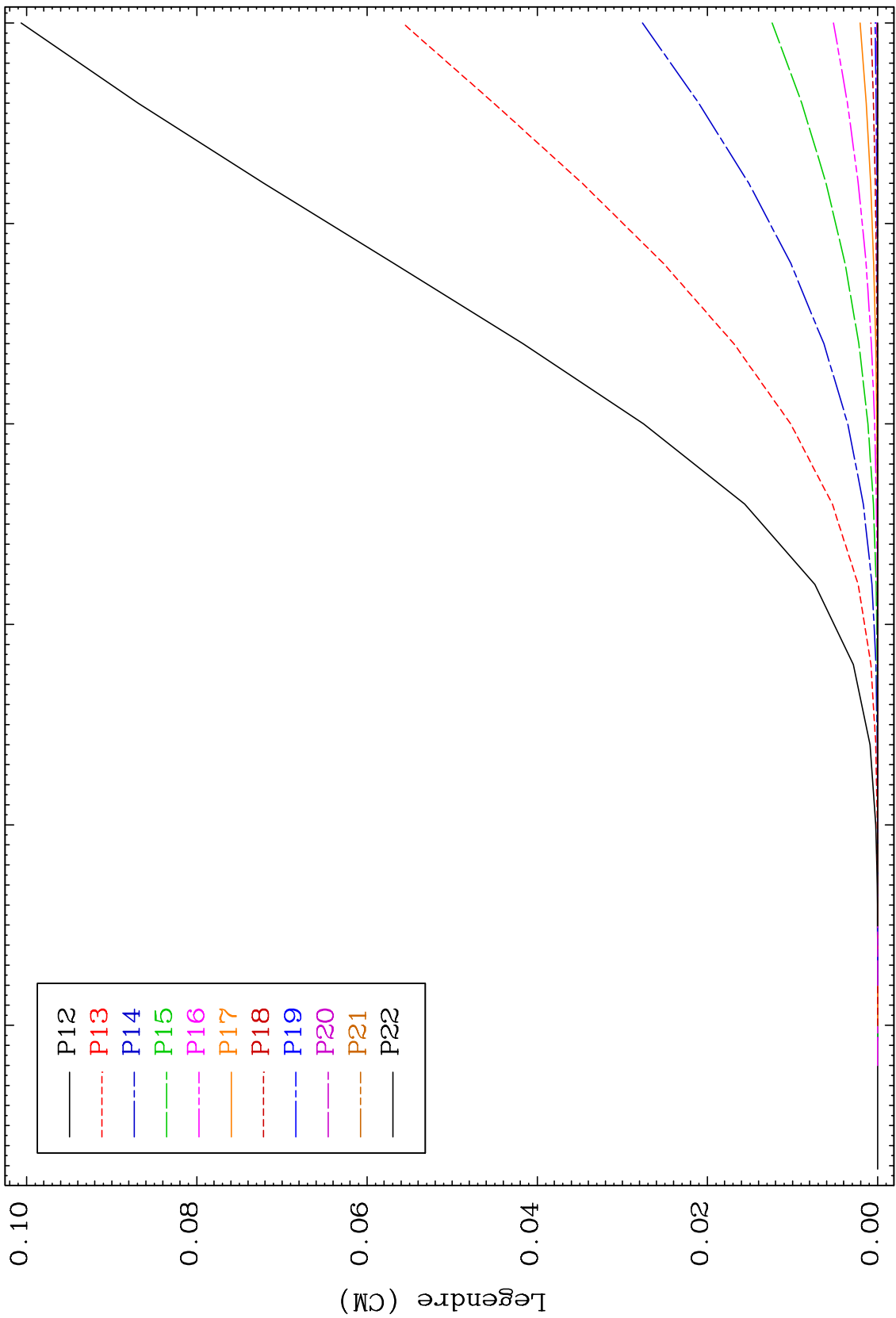
Incident Energy (MeV)

<sup>26</sup>Fe-58

MAT 2637

Elastic  
Legendre Coefficients

26-Fe-58



17

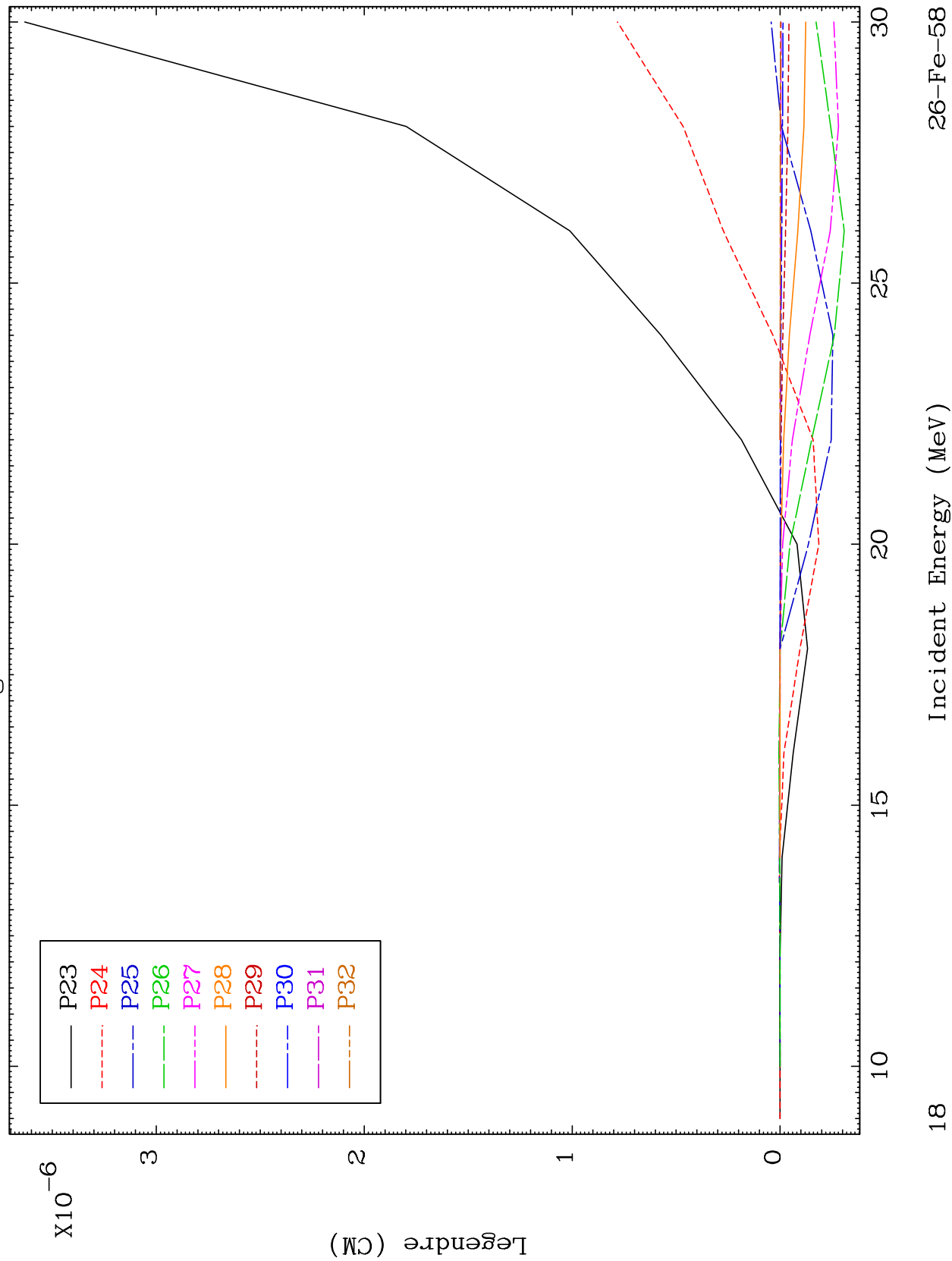
26-Fe-58

Incident Energy (MeV)

MAT 2637

Elastic Legendre Coefficients

26-Fe-58



18

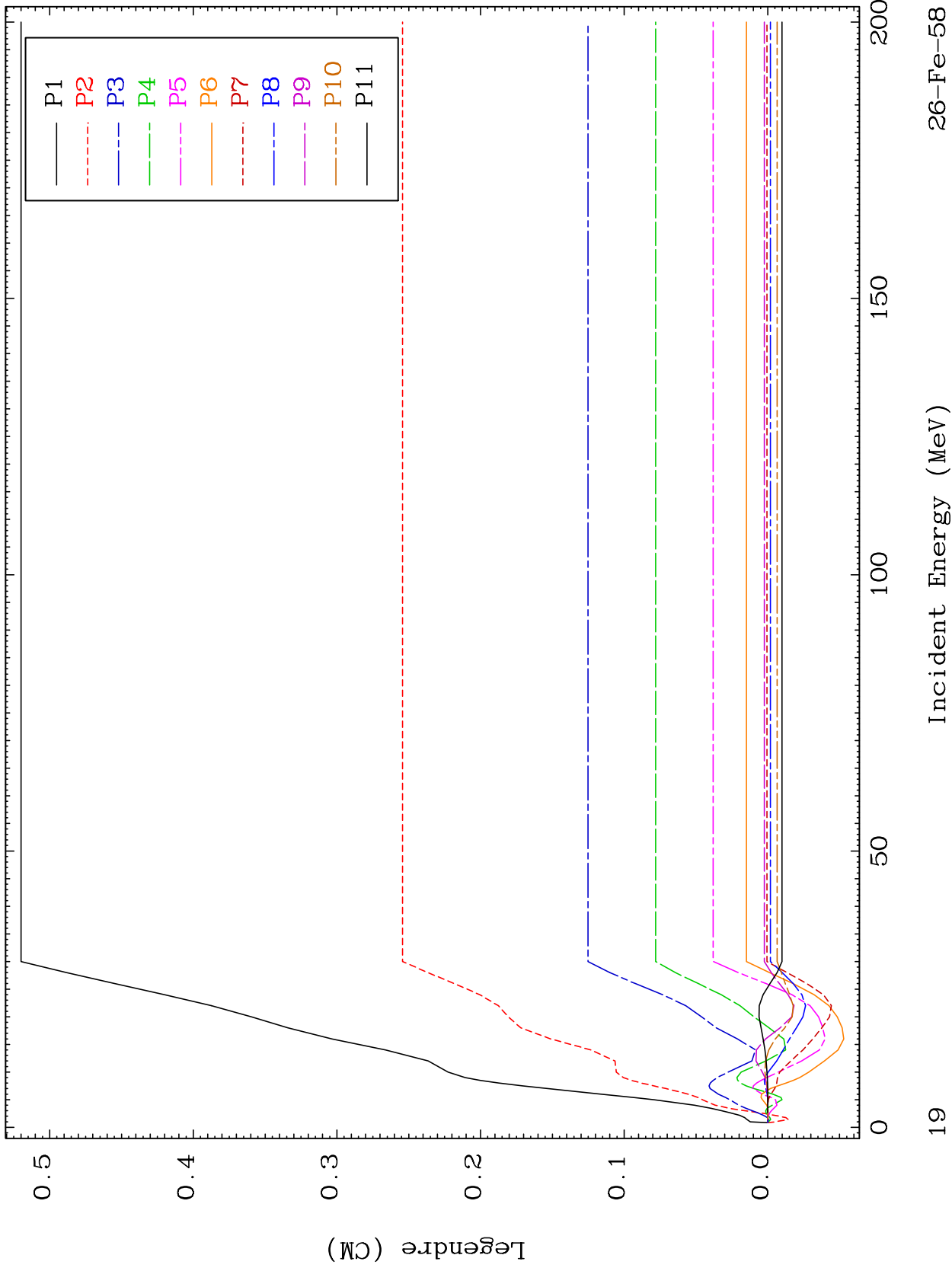
Incident Energy (MeV)

26-Fe-58

MAT 2637

810.8 keV (n, n') Level  
Legendre Coefficients

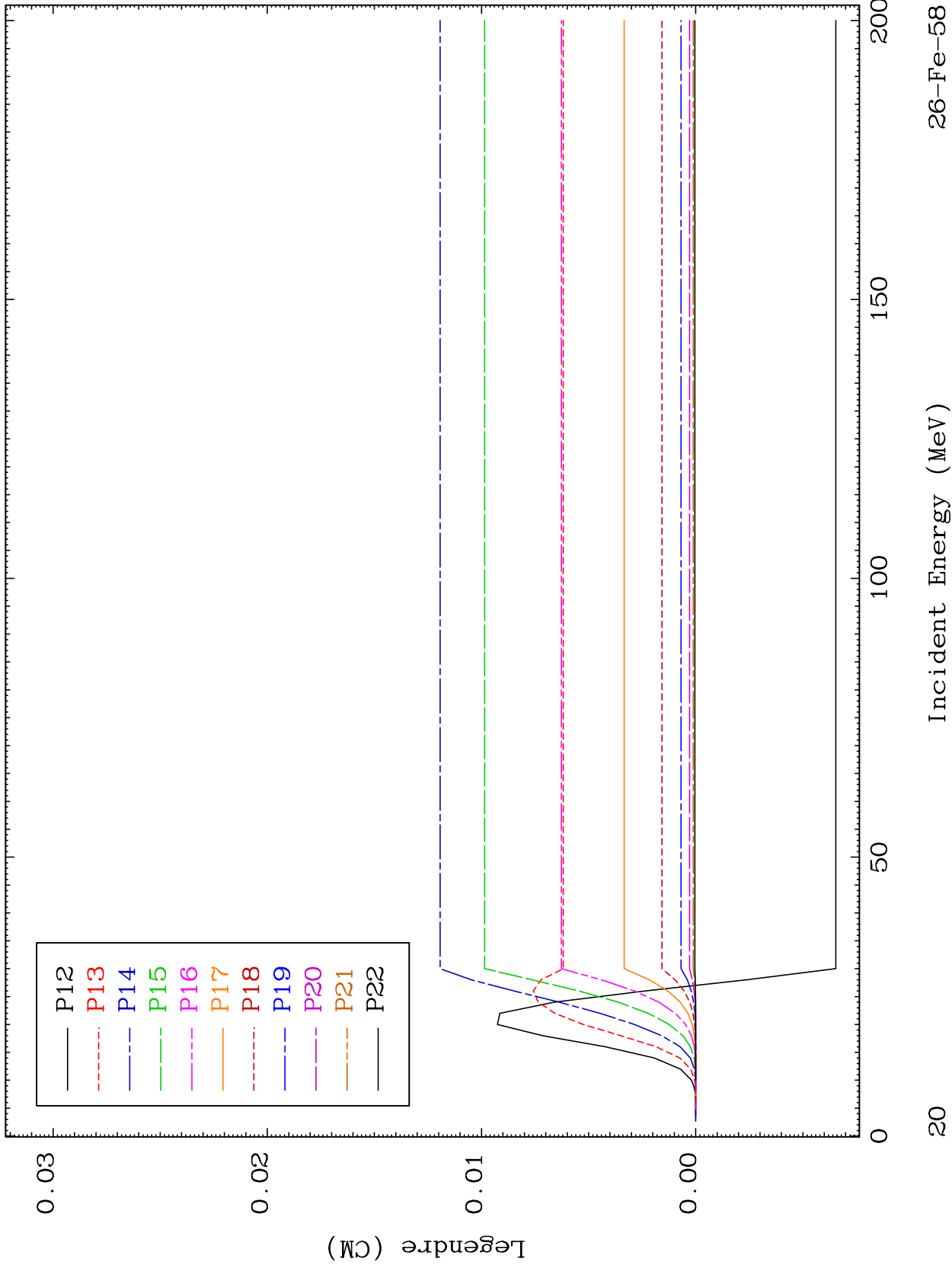
26-Fe-58



MAT 2637

810.8 keV (n,n') Level  
Legendre Coefficients

26-Fe-58



26-Fe-58

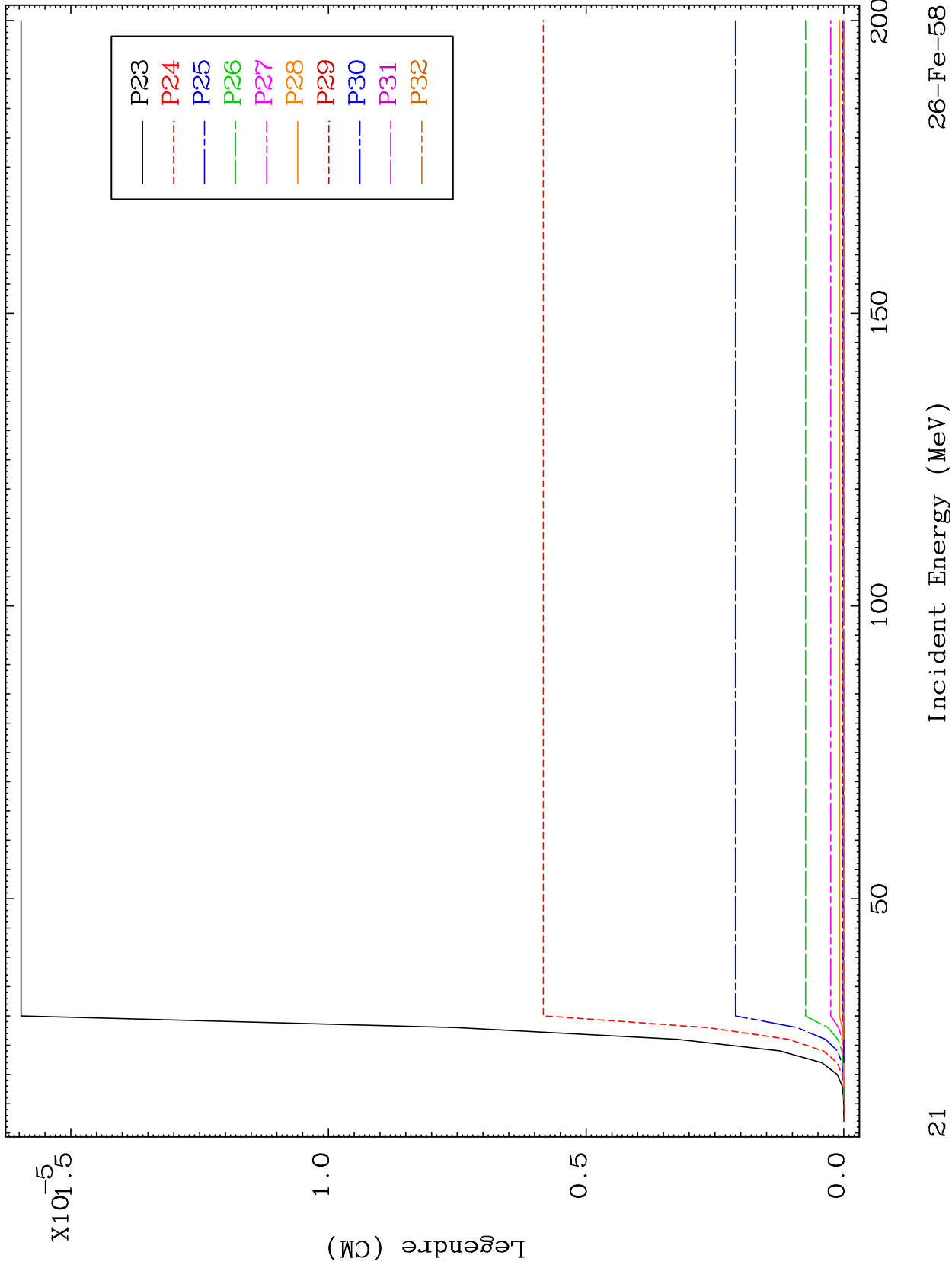
Incident Energy (MeV)

20

MAT 2637

810.8 keV (n,n') Level  
Legendre Coefficients

26-Fe-58



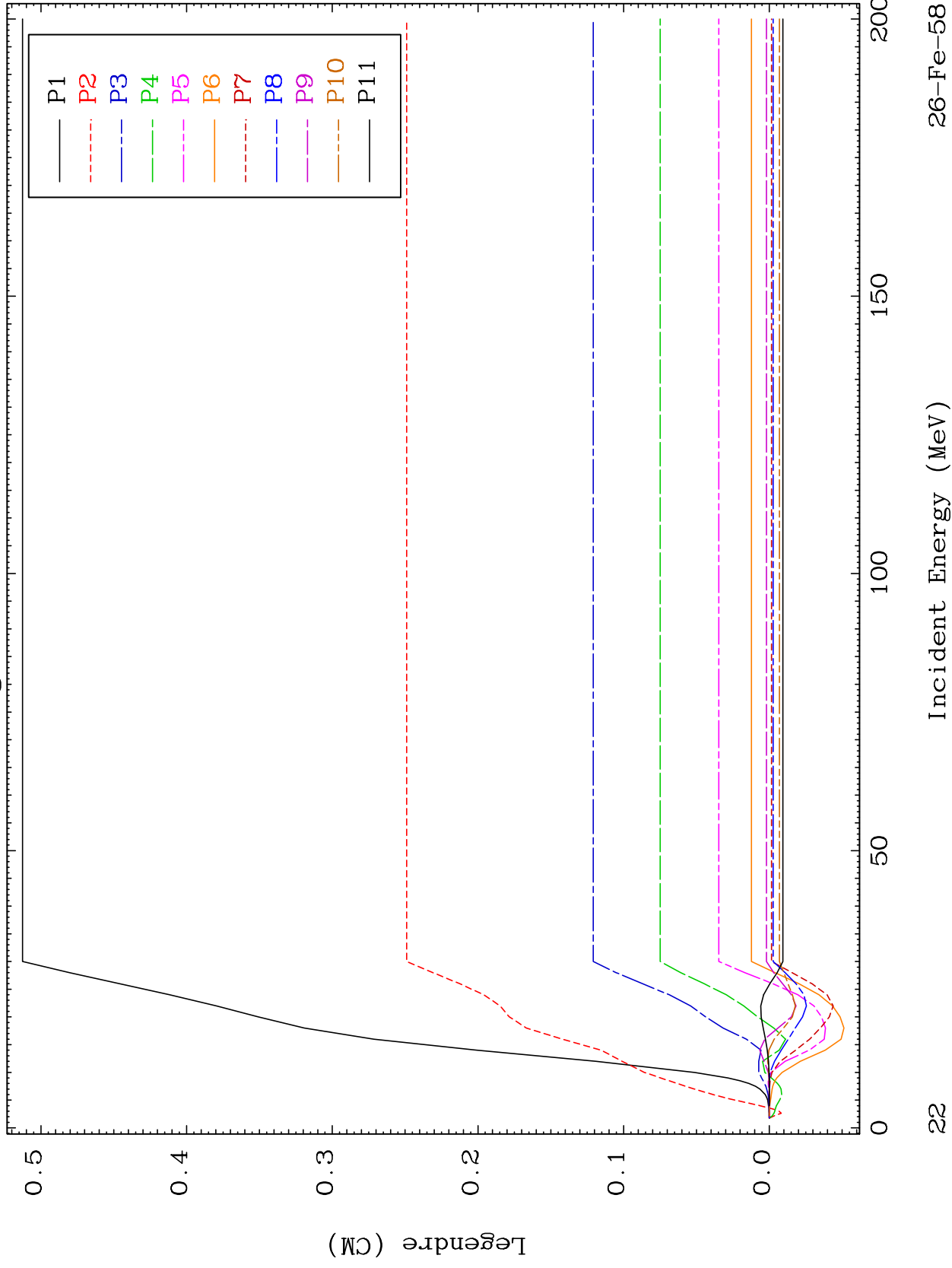
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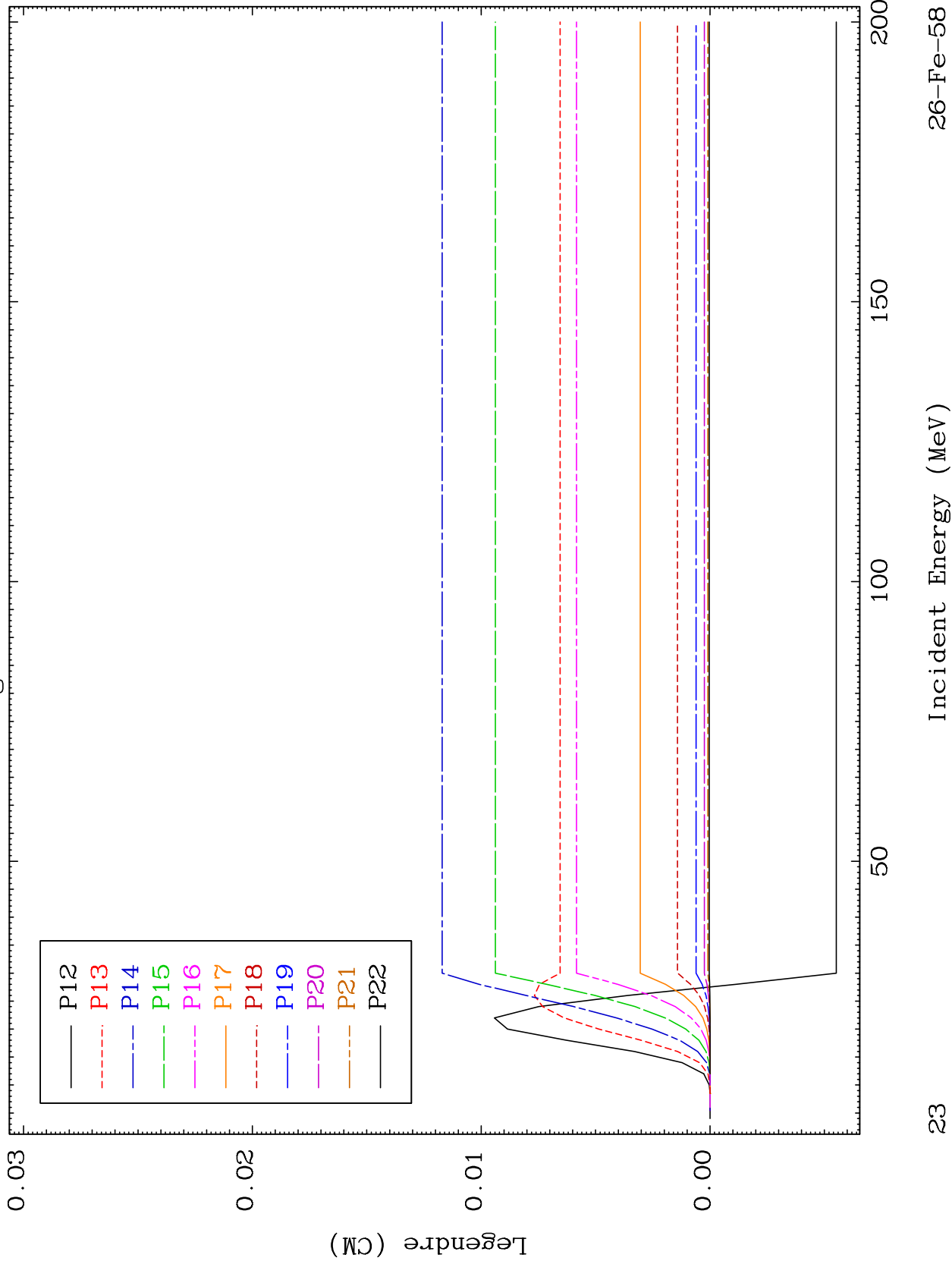
26-Fe-58

MAT 2637

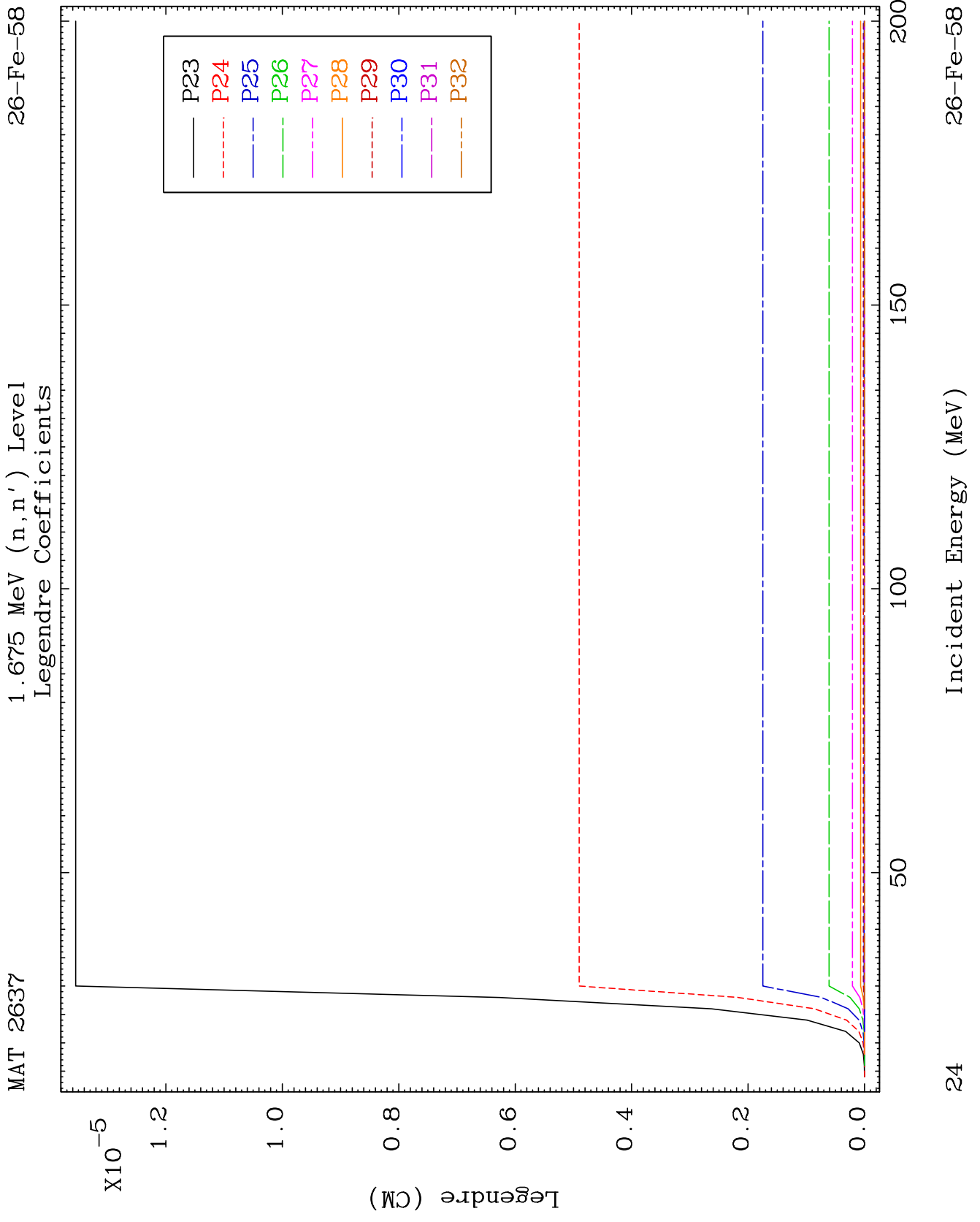
1.675 MeV (n, n') Level  
Legendre Coefficients

26-Fe-58





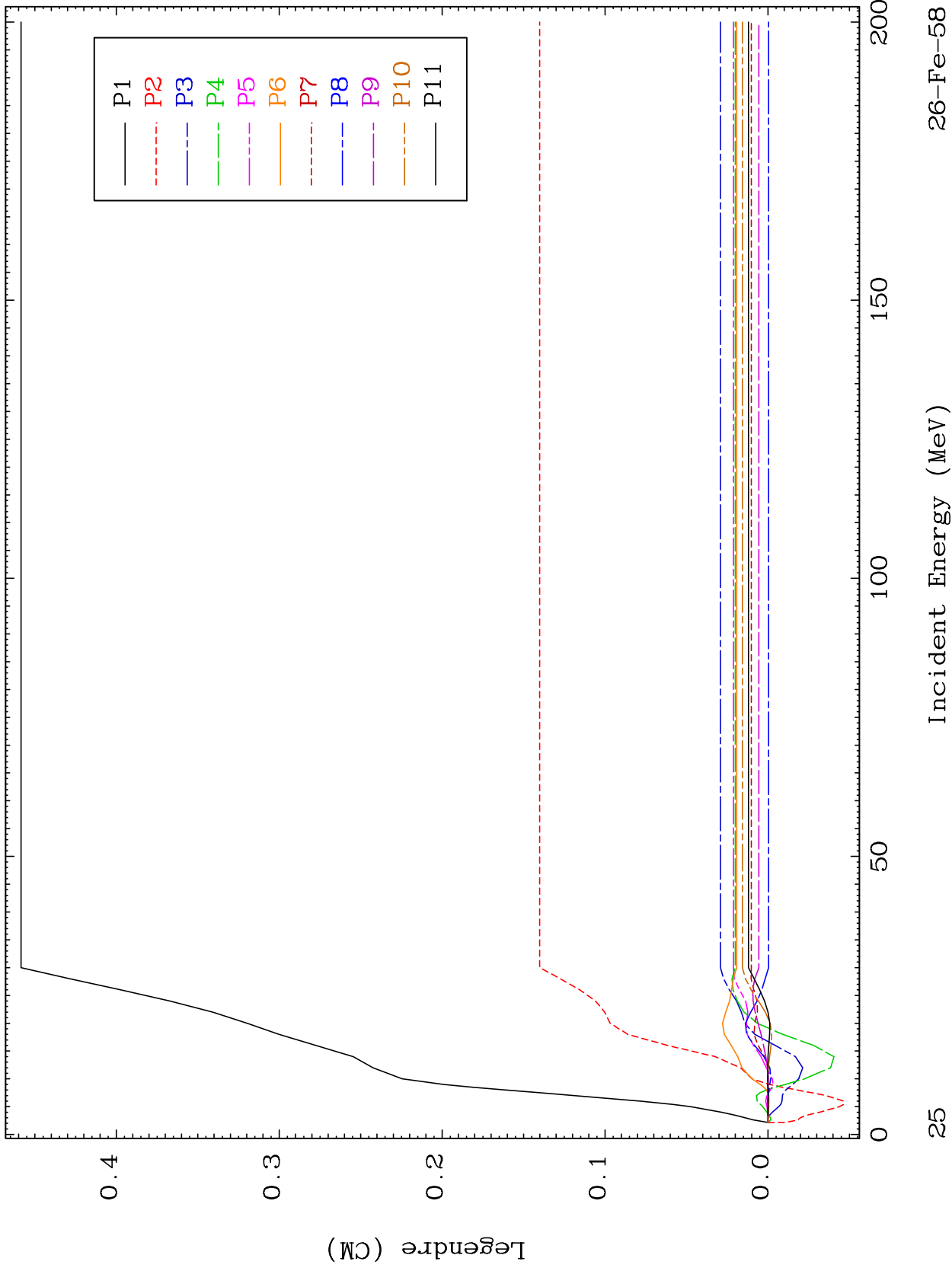




MAT 2637

2.077 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



26-Fe-58

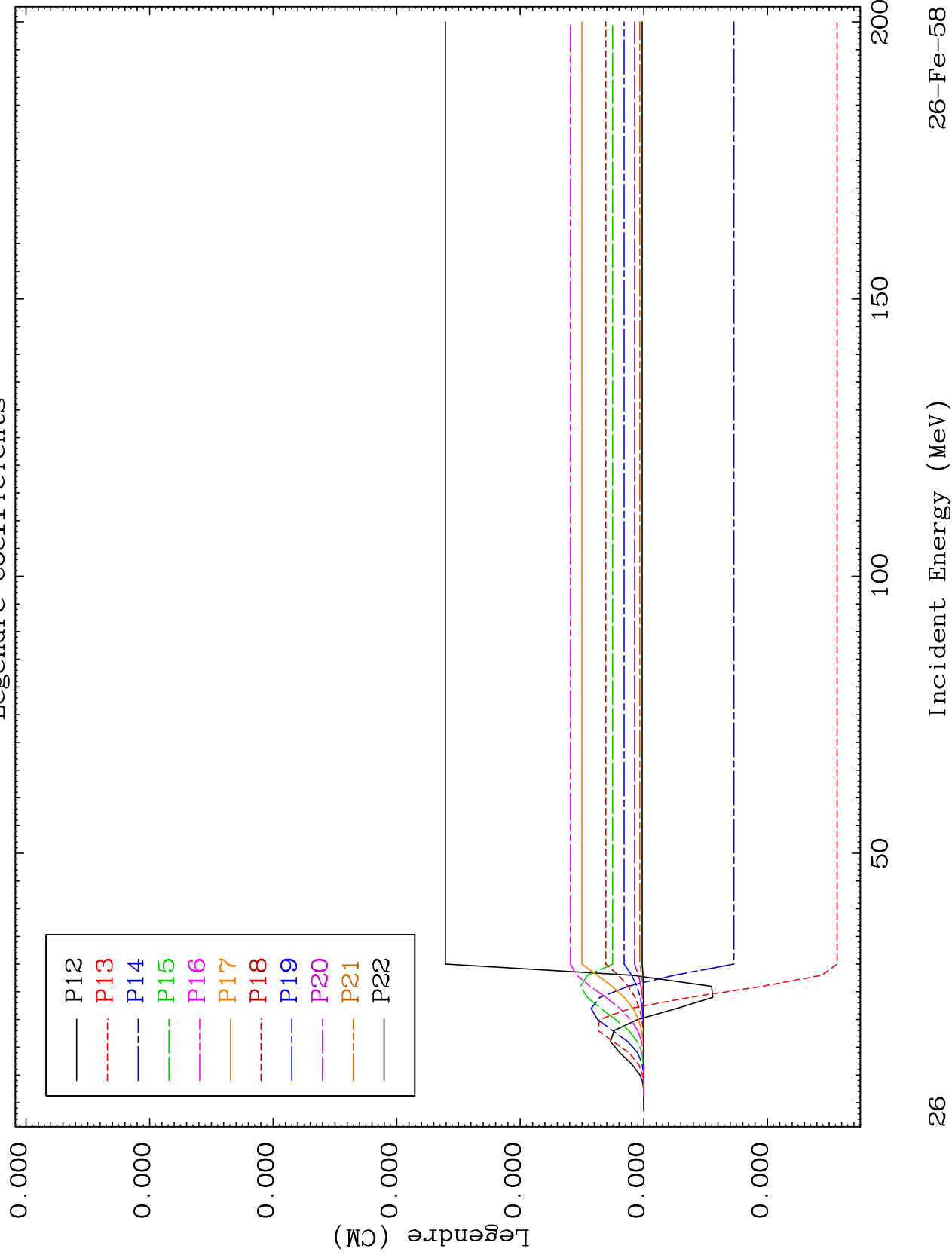
Incident Energy (MeV)

25

MAT 2637

2.077 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



26

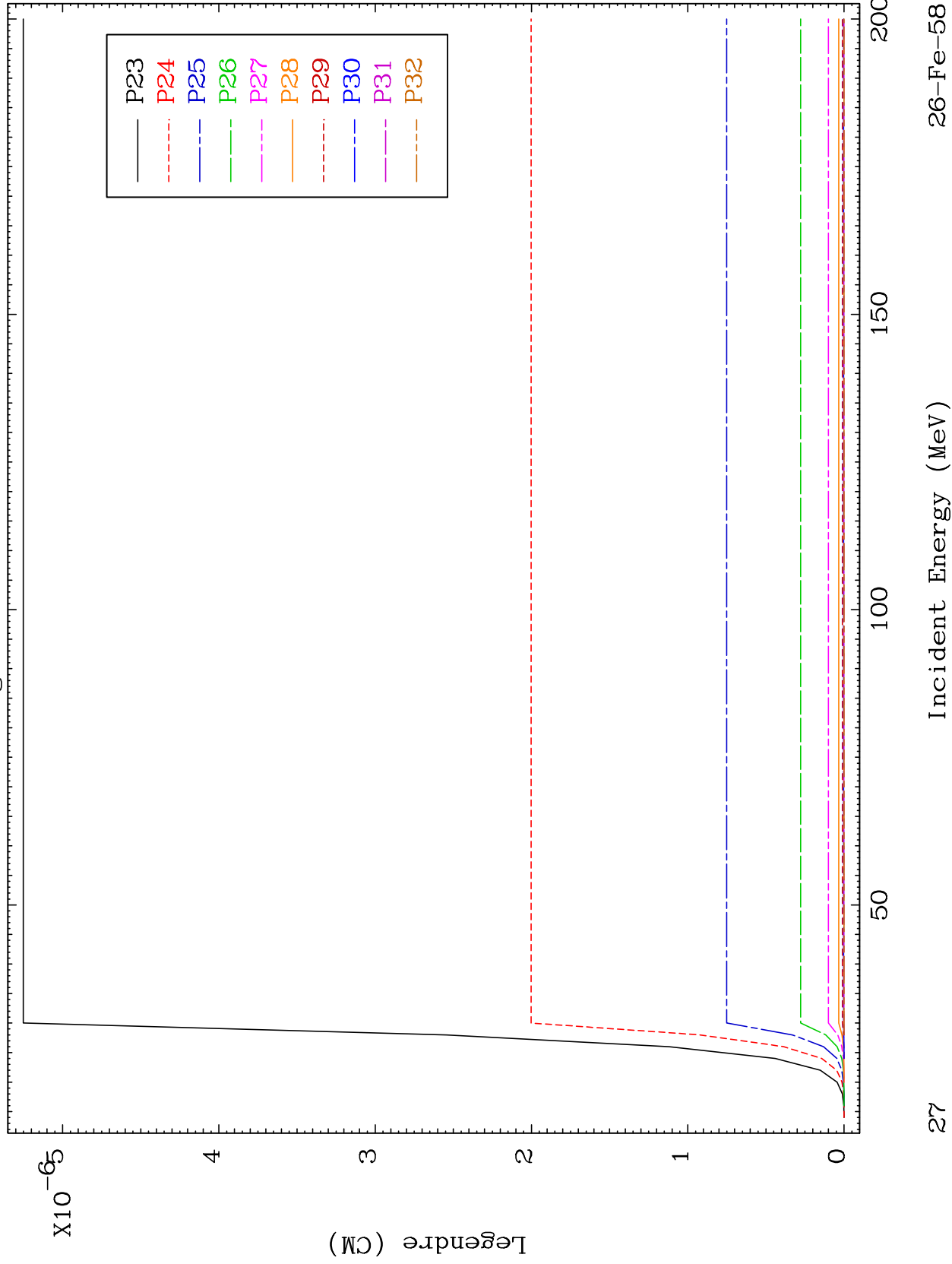
Incident Energy (MeV)

26-Fe-58

MAT 2637

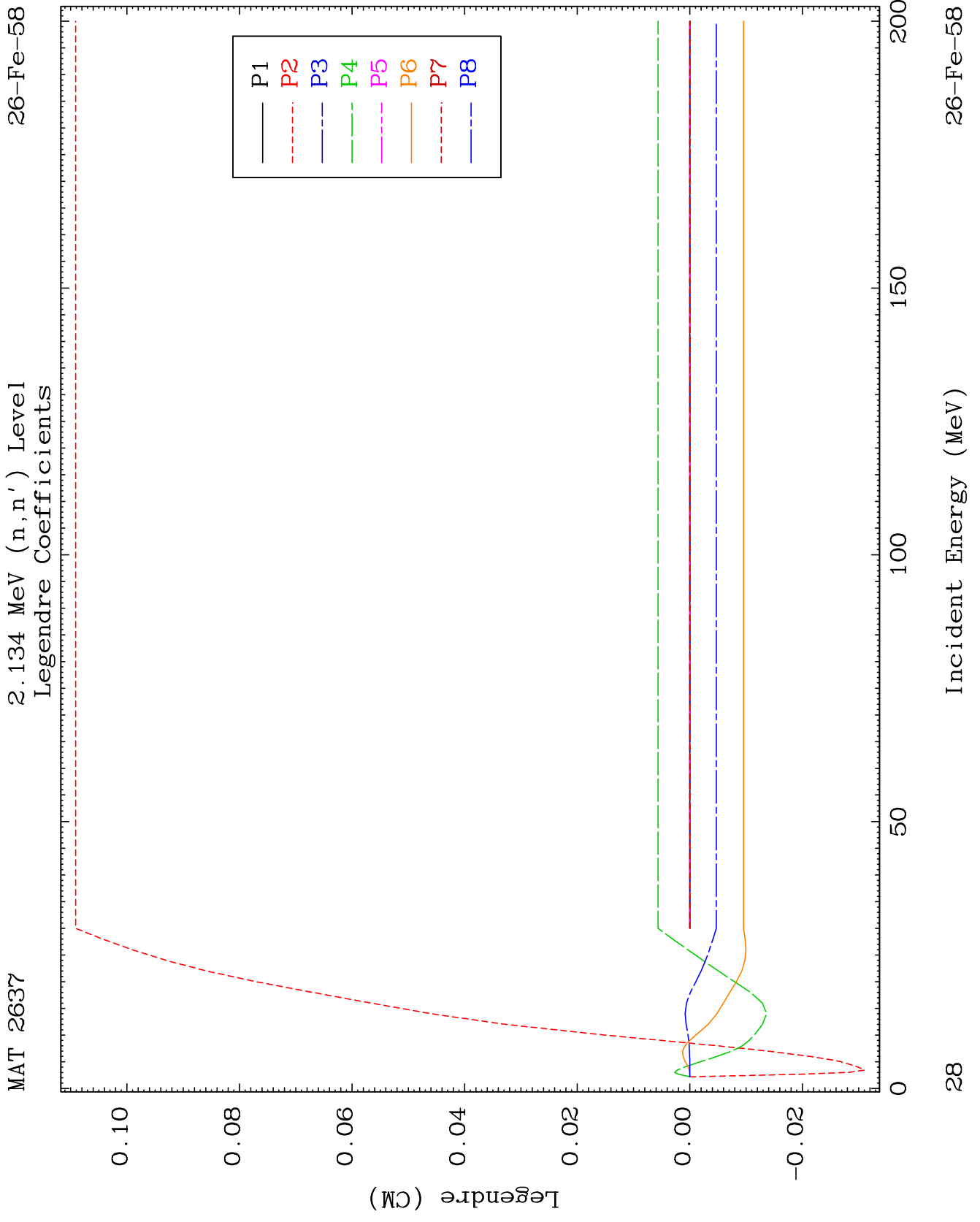
2.077 MeV (n,n') Level  
Legendre Coefficients

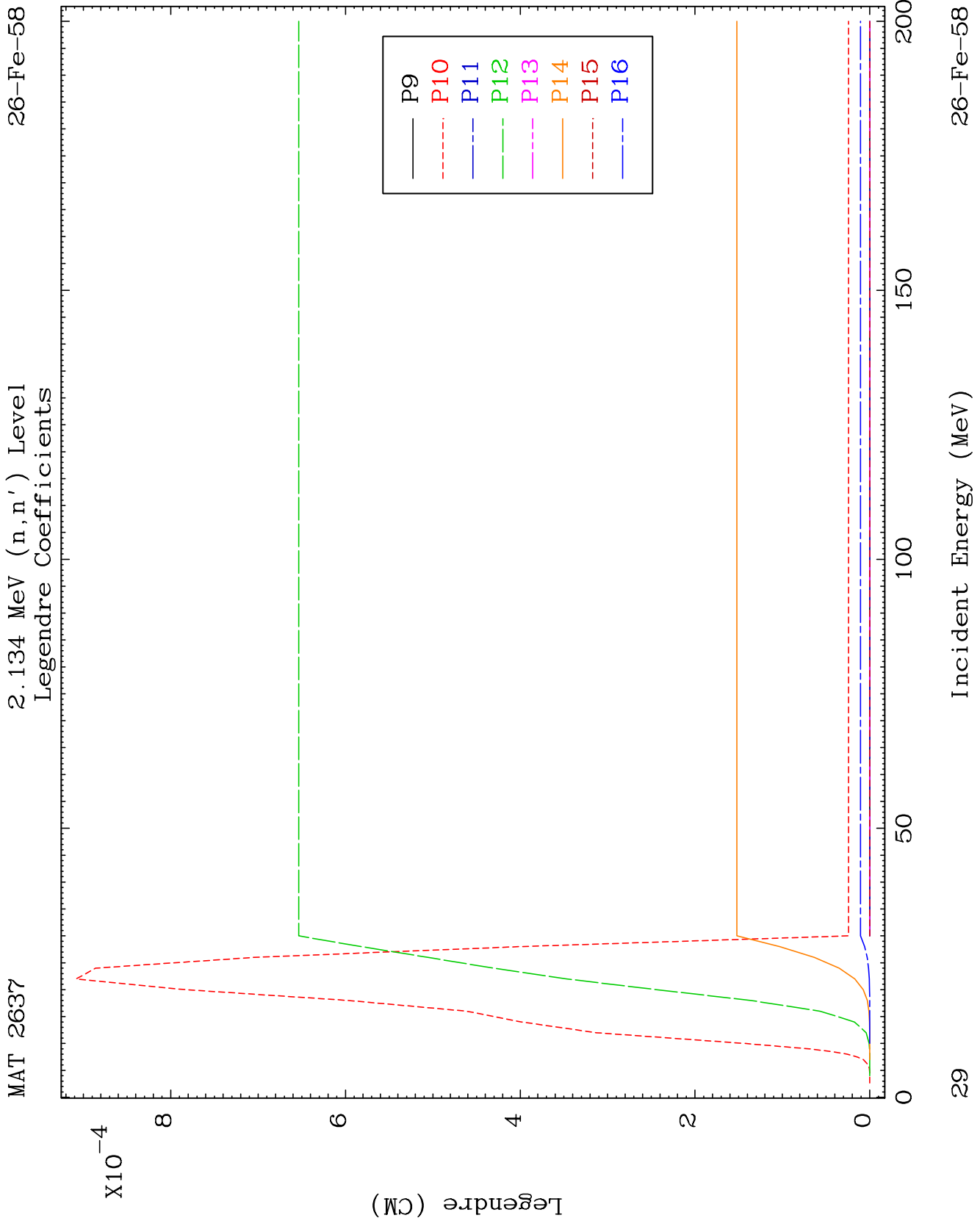
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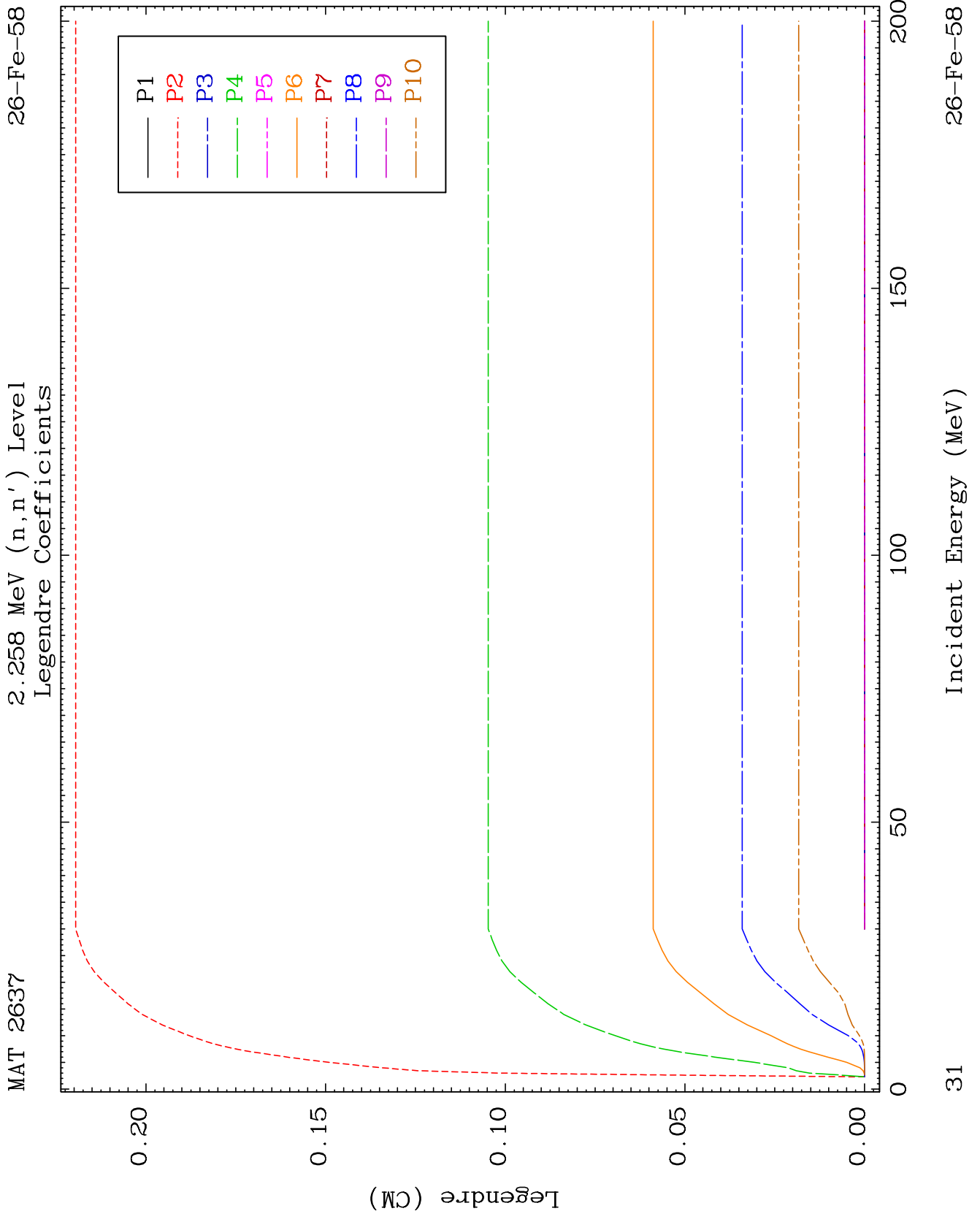
27

26-Fe-58











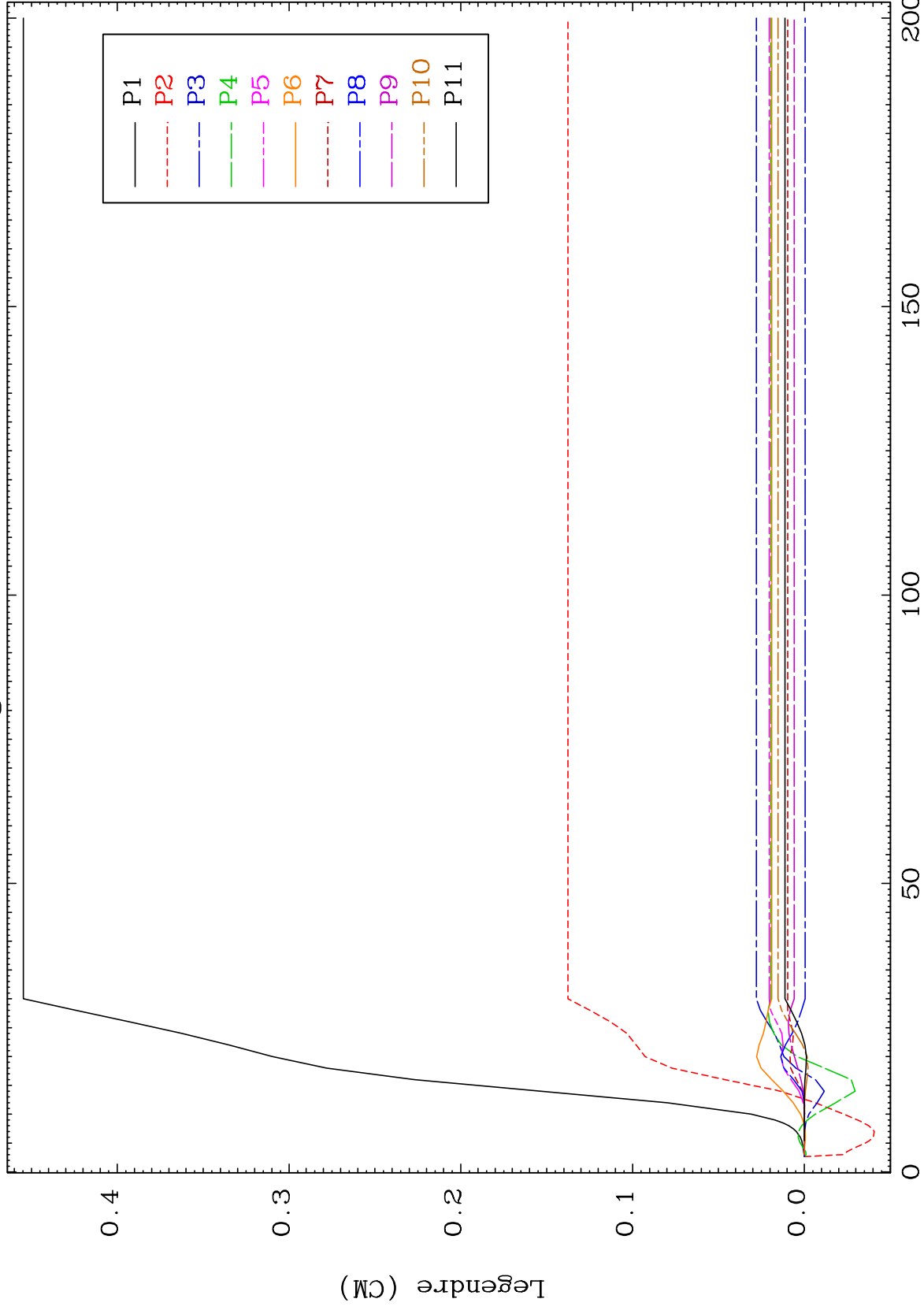




MAT 2637

2.600 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



34

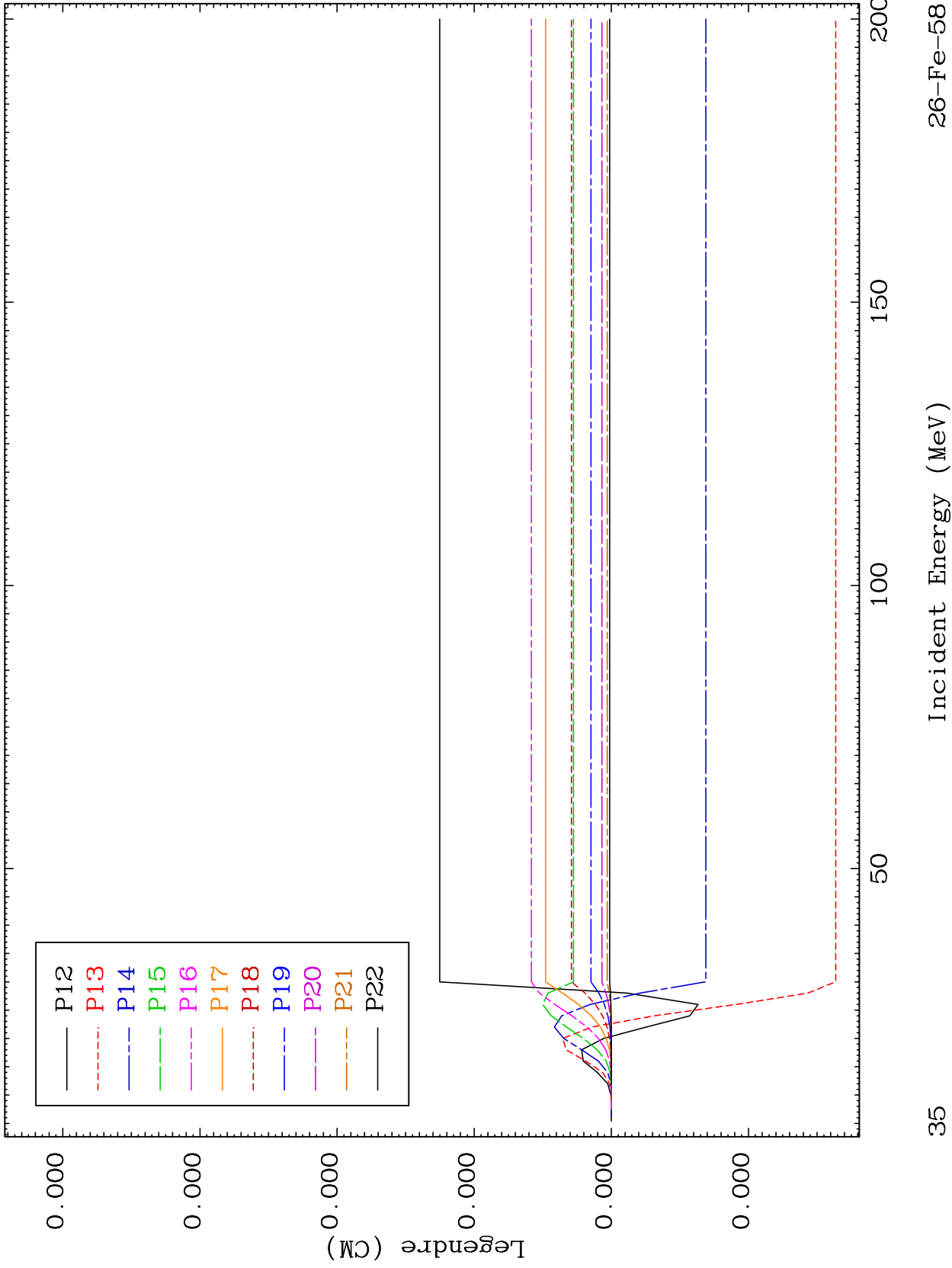
Incident Energy (MeV)

26-Fe-58

MAT 2637

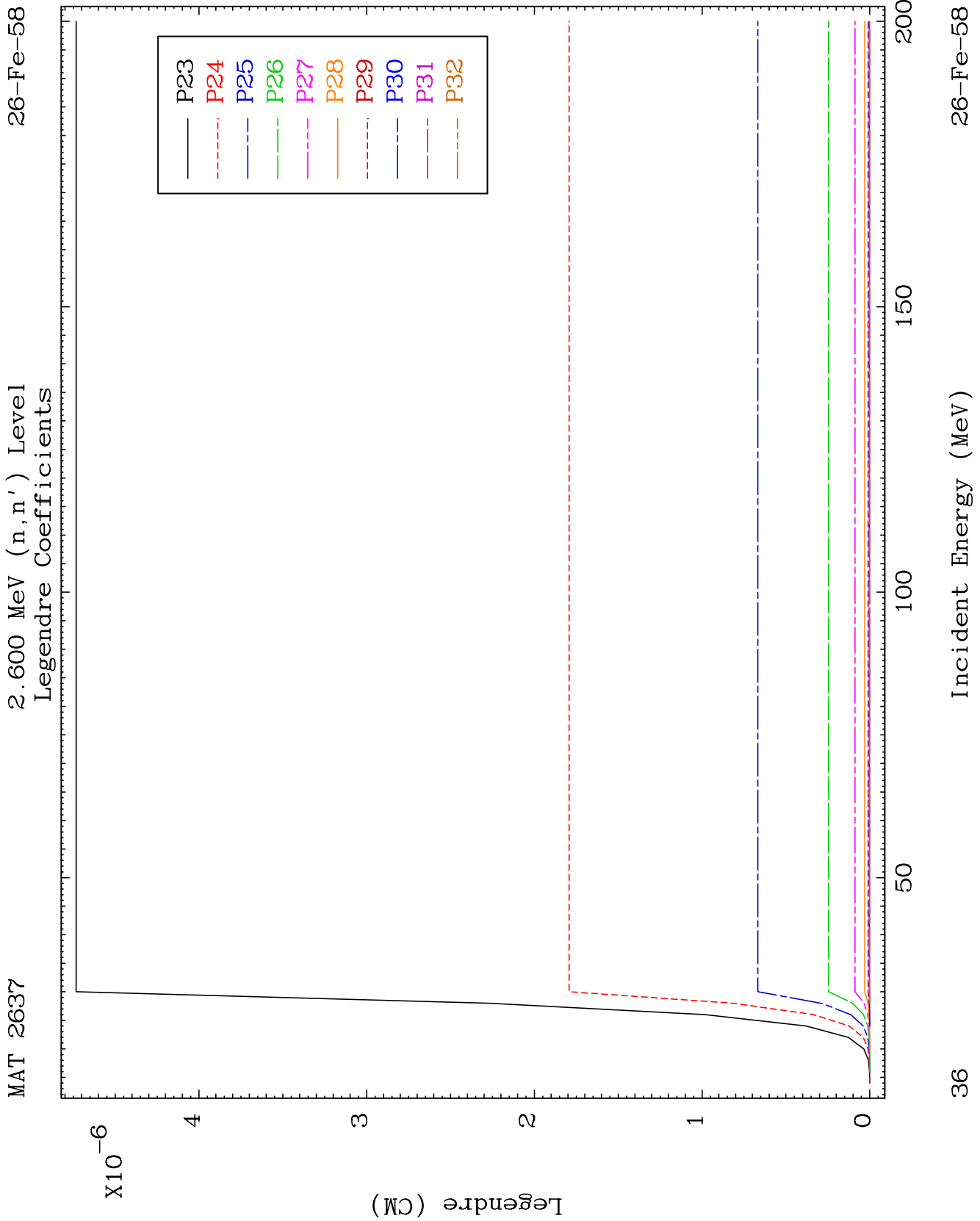
2.600 MeV (n,n') Level  
Legendre Coefficients

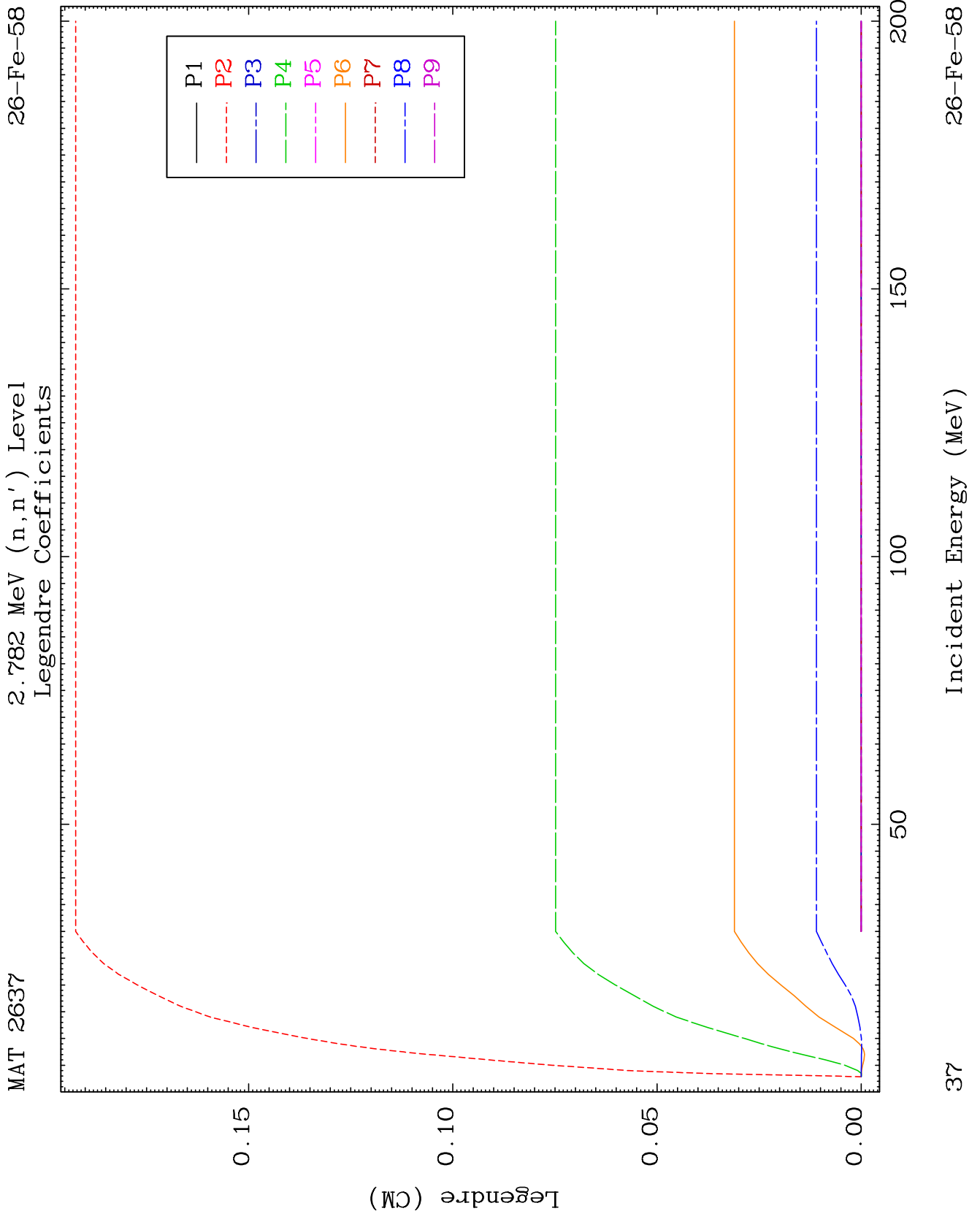
26-Fe-58



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26-Fe-58

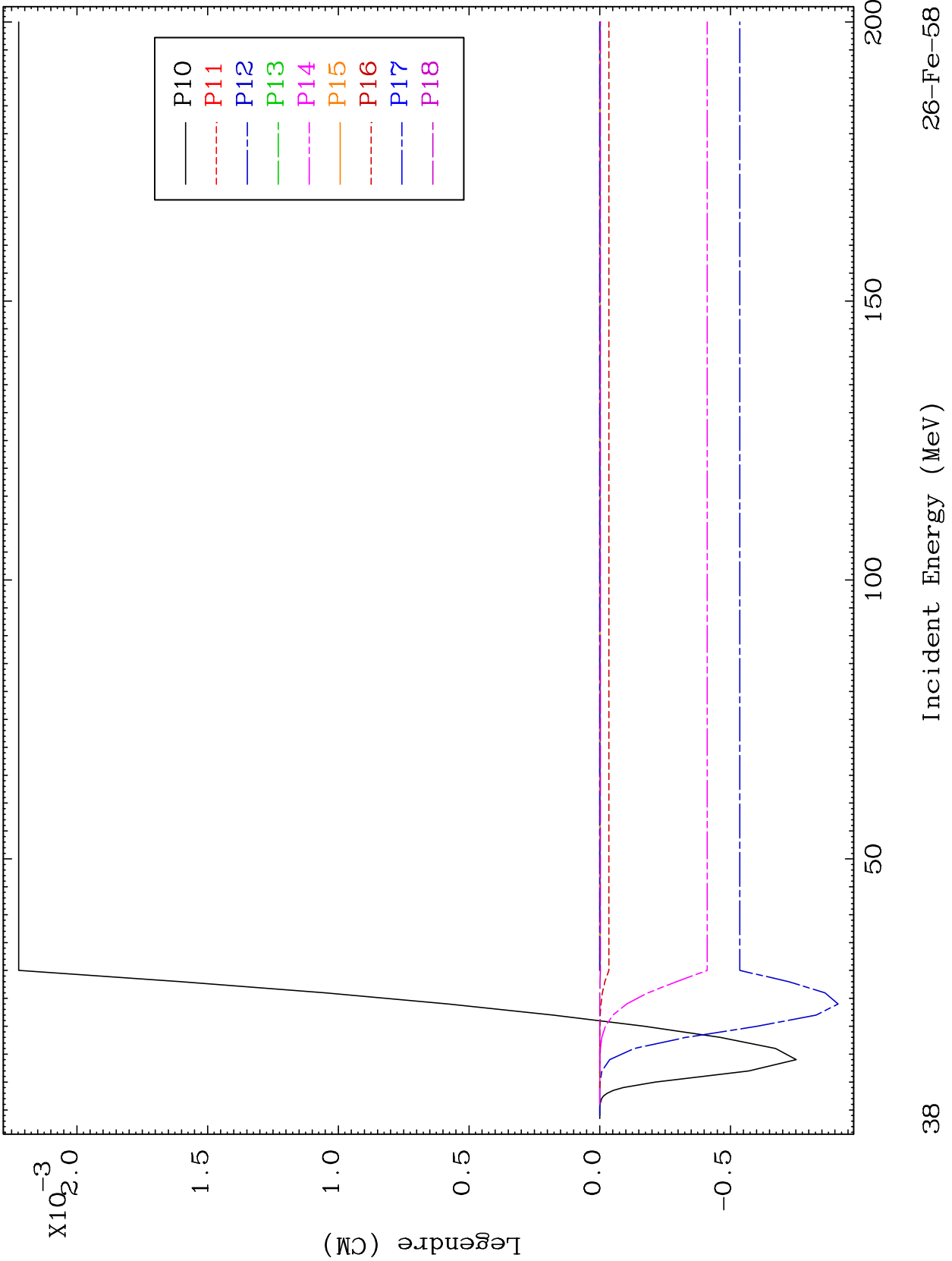




MAT 2637

2.782 MeV (n,n') Level  
Legendre Coefficients

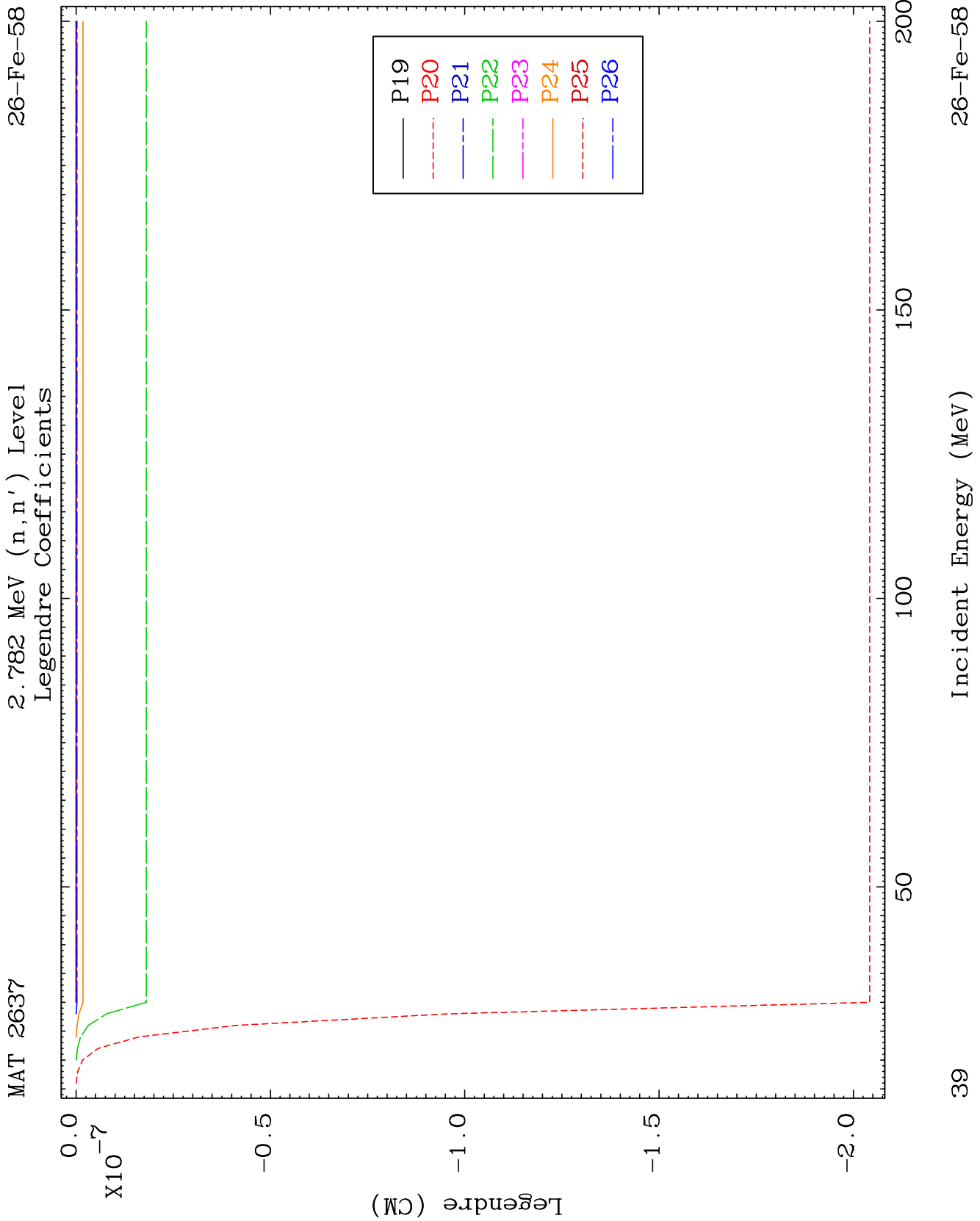
26-Fe-58



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Incident Energy (MeV)

26-Fe-58

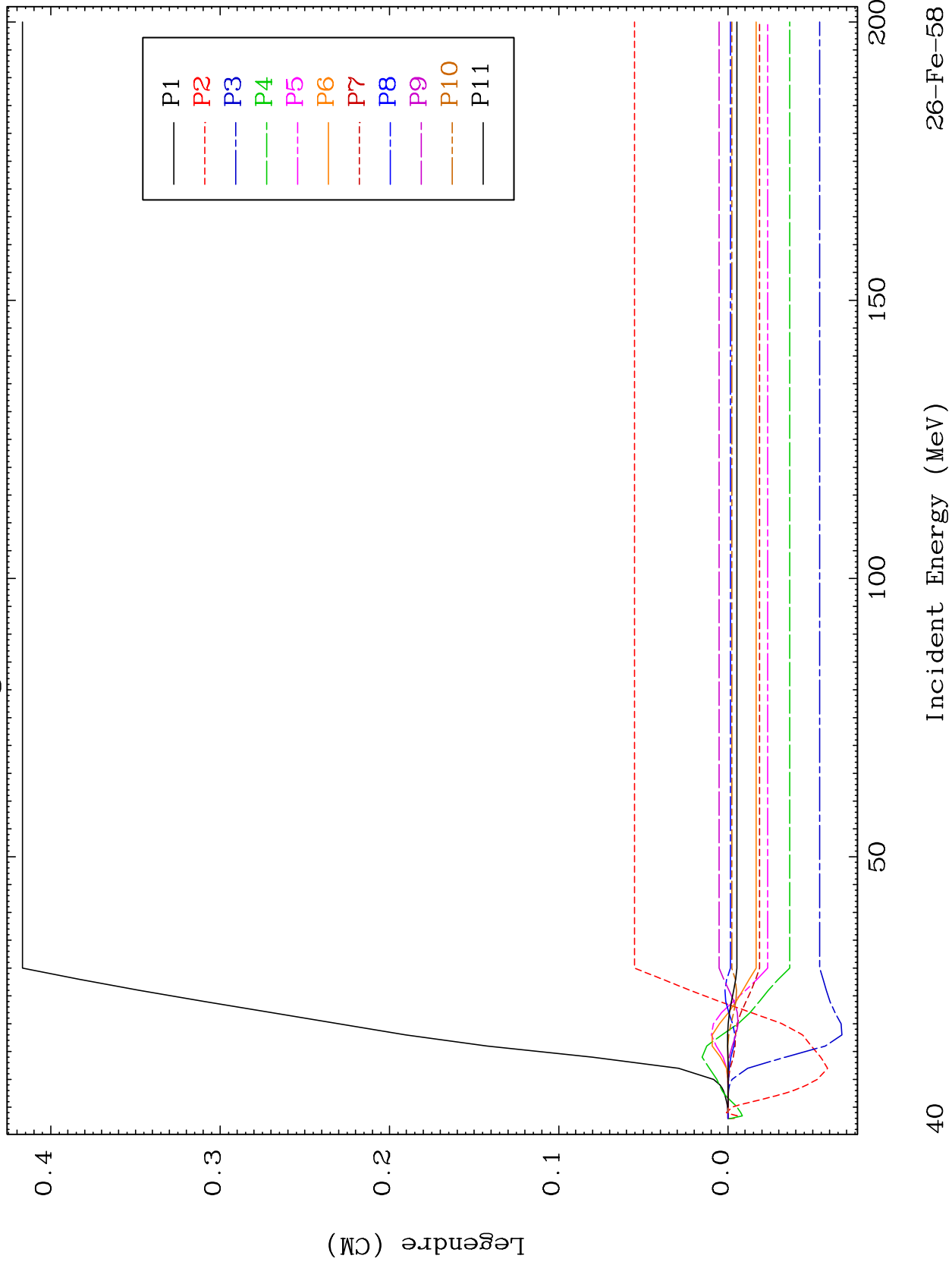




MAT 2637

2.865 MeV (n,n') Level  
Legendre Coefficients

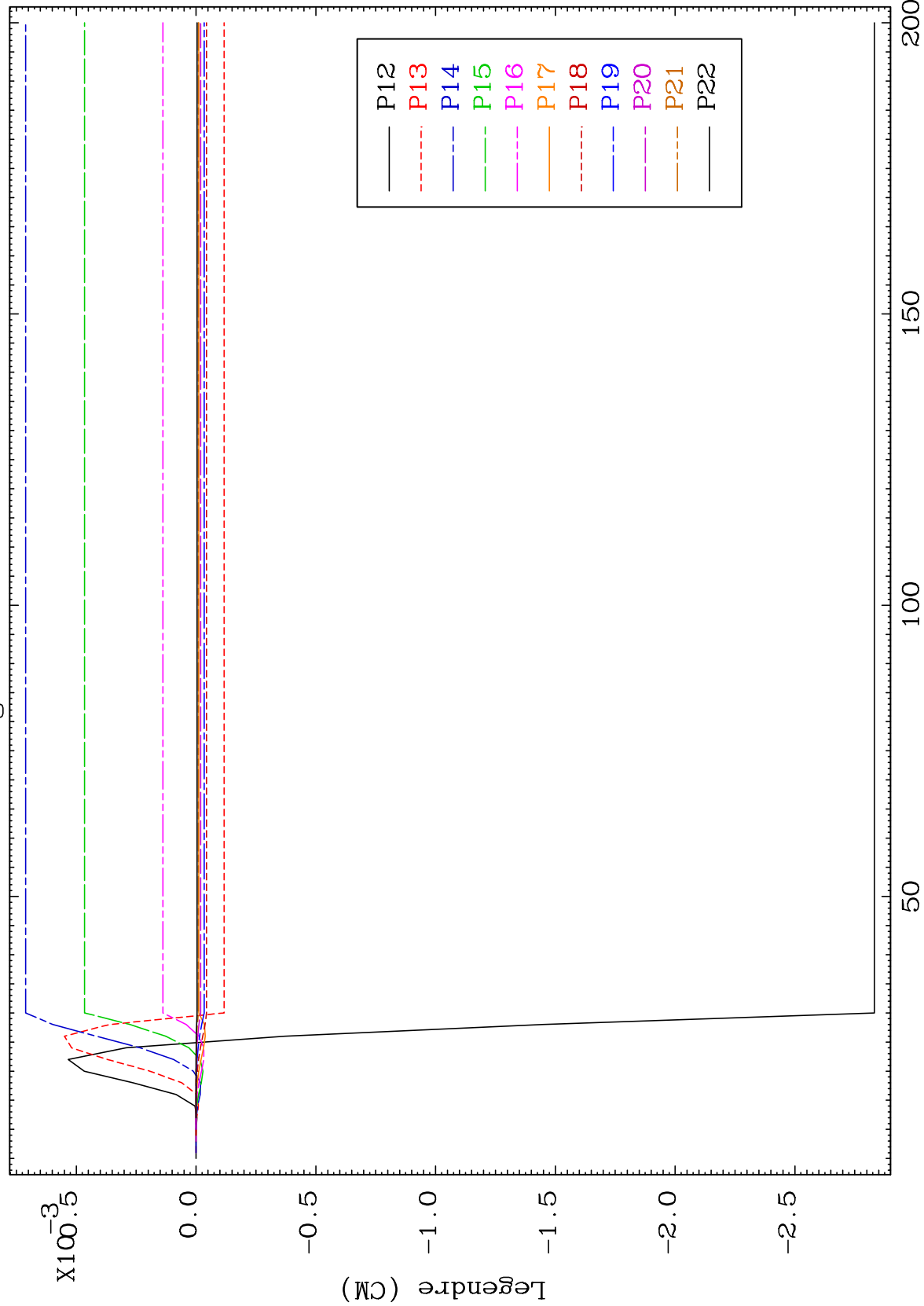
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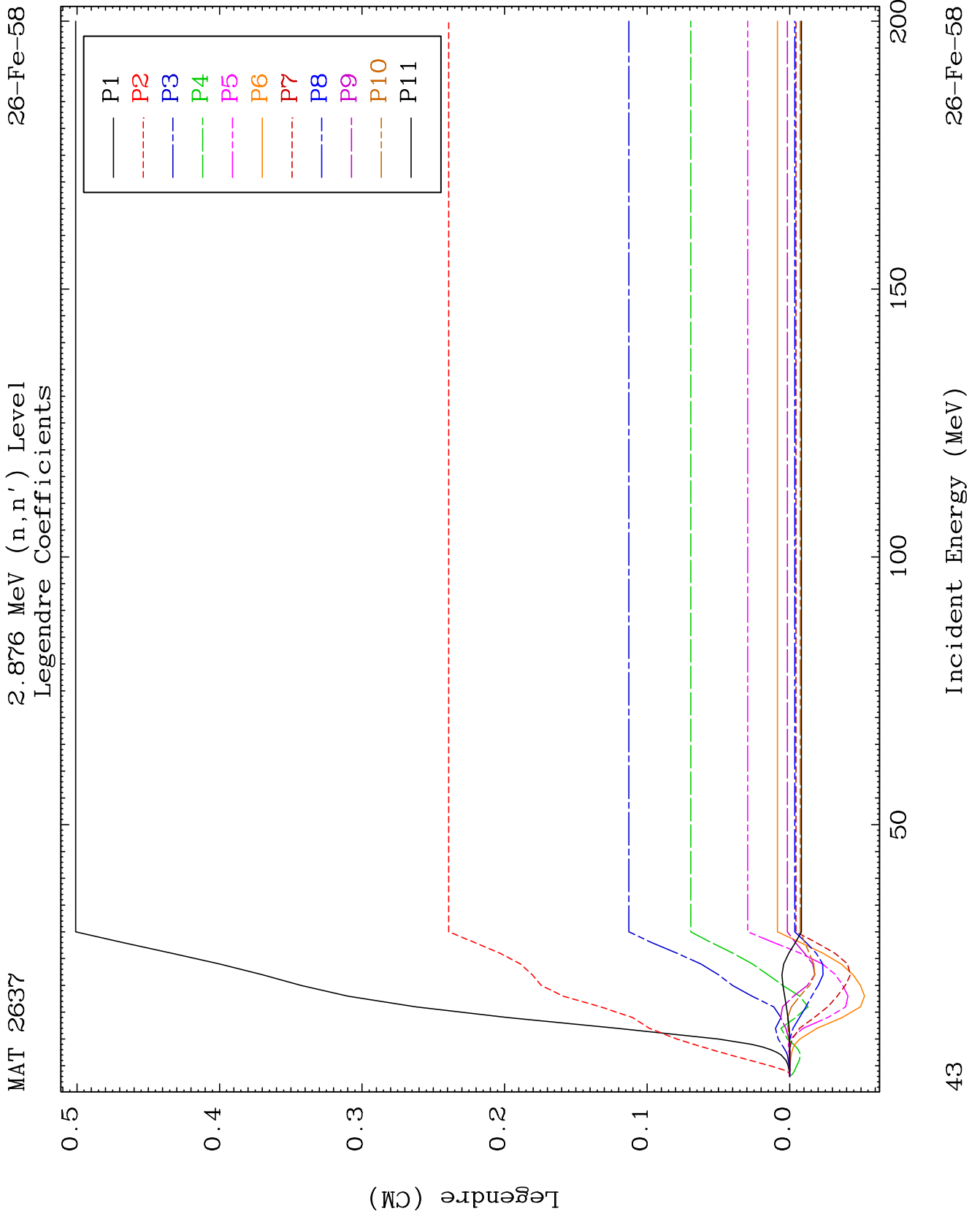
MAT 2637

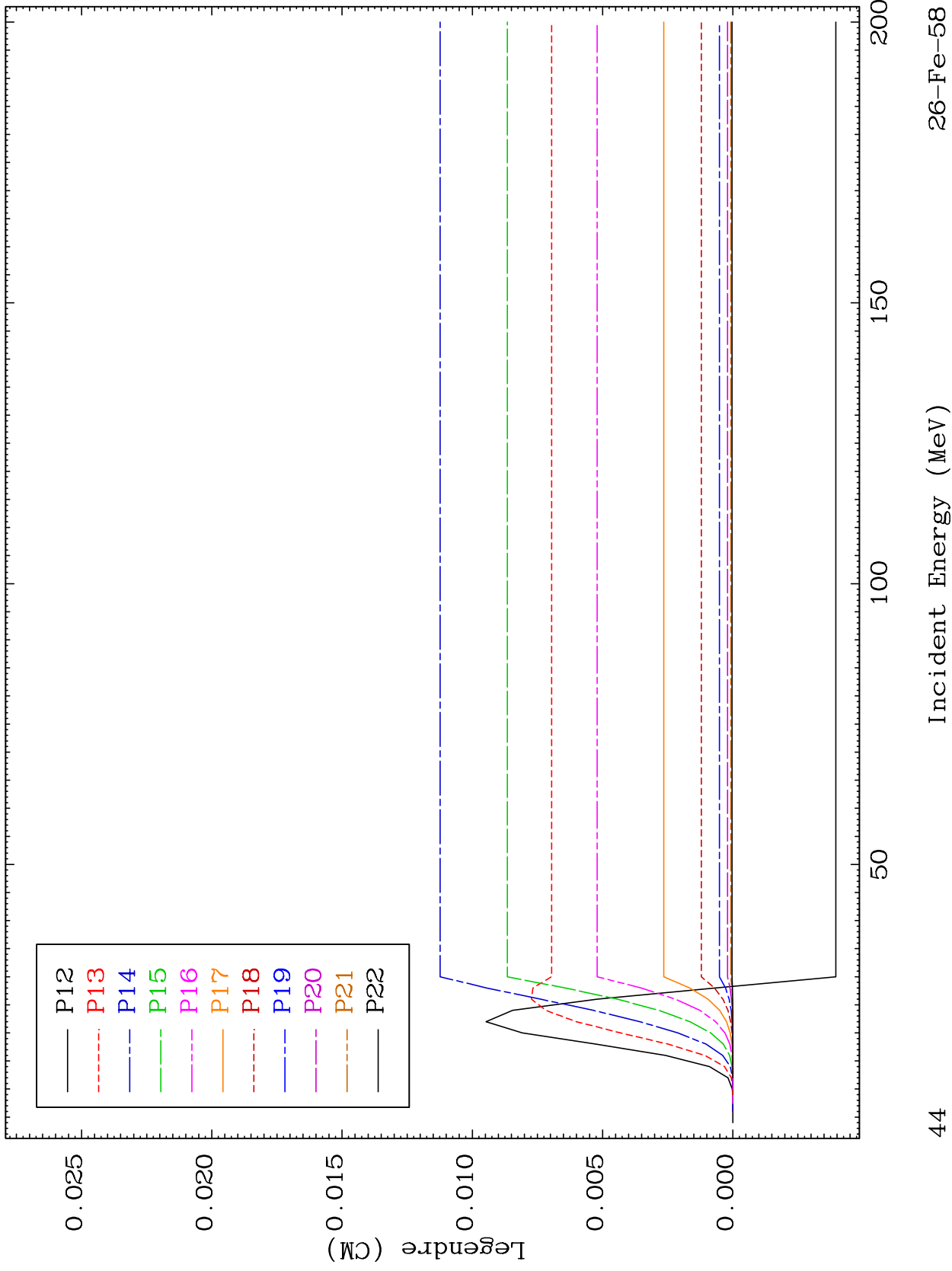
2.865 MeV (n,n') Level  
Legendre Coefficients

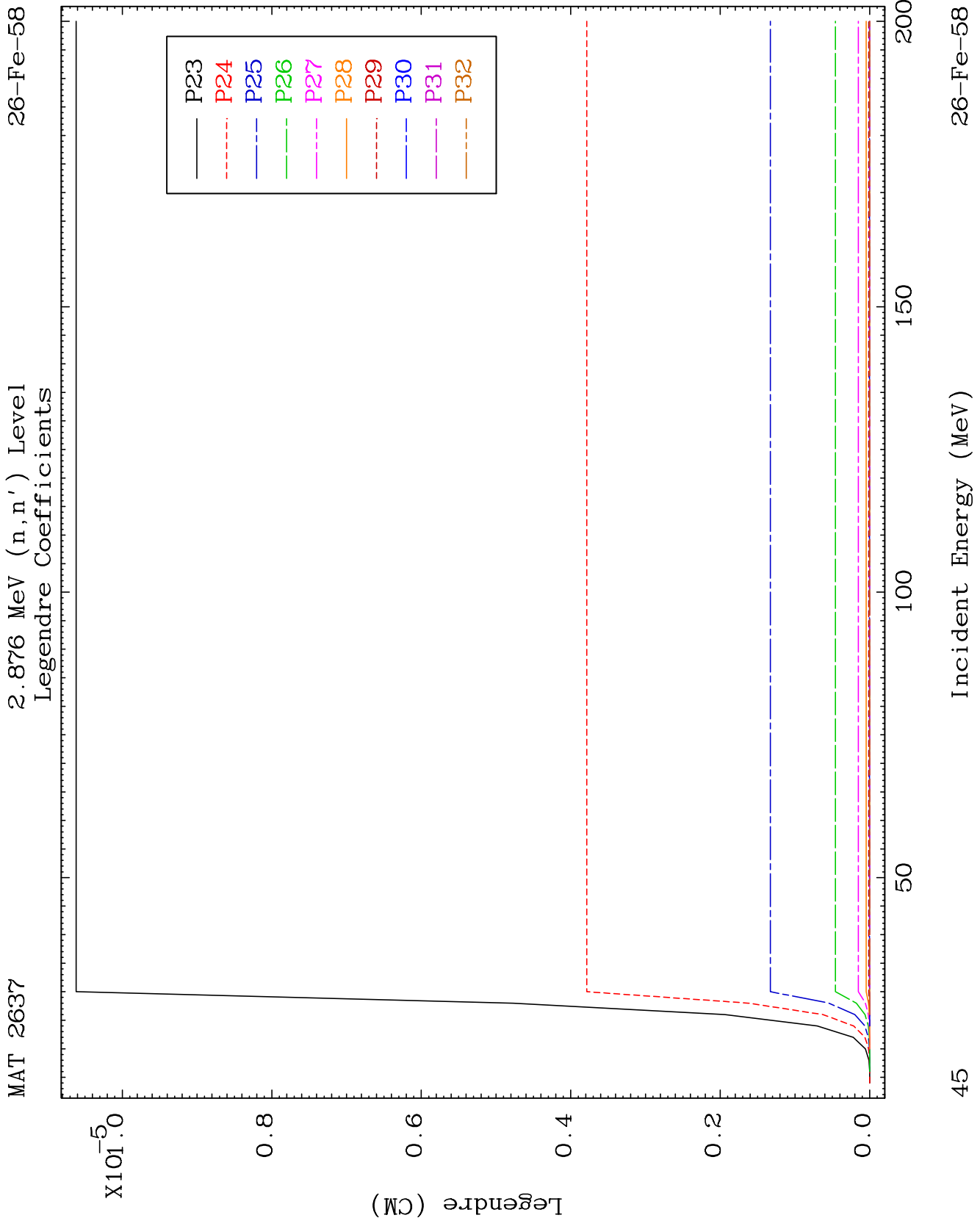
26-Fe-58







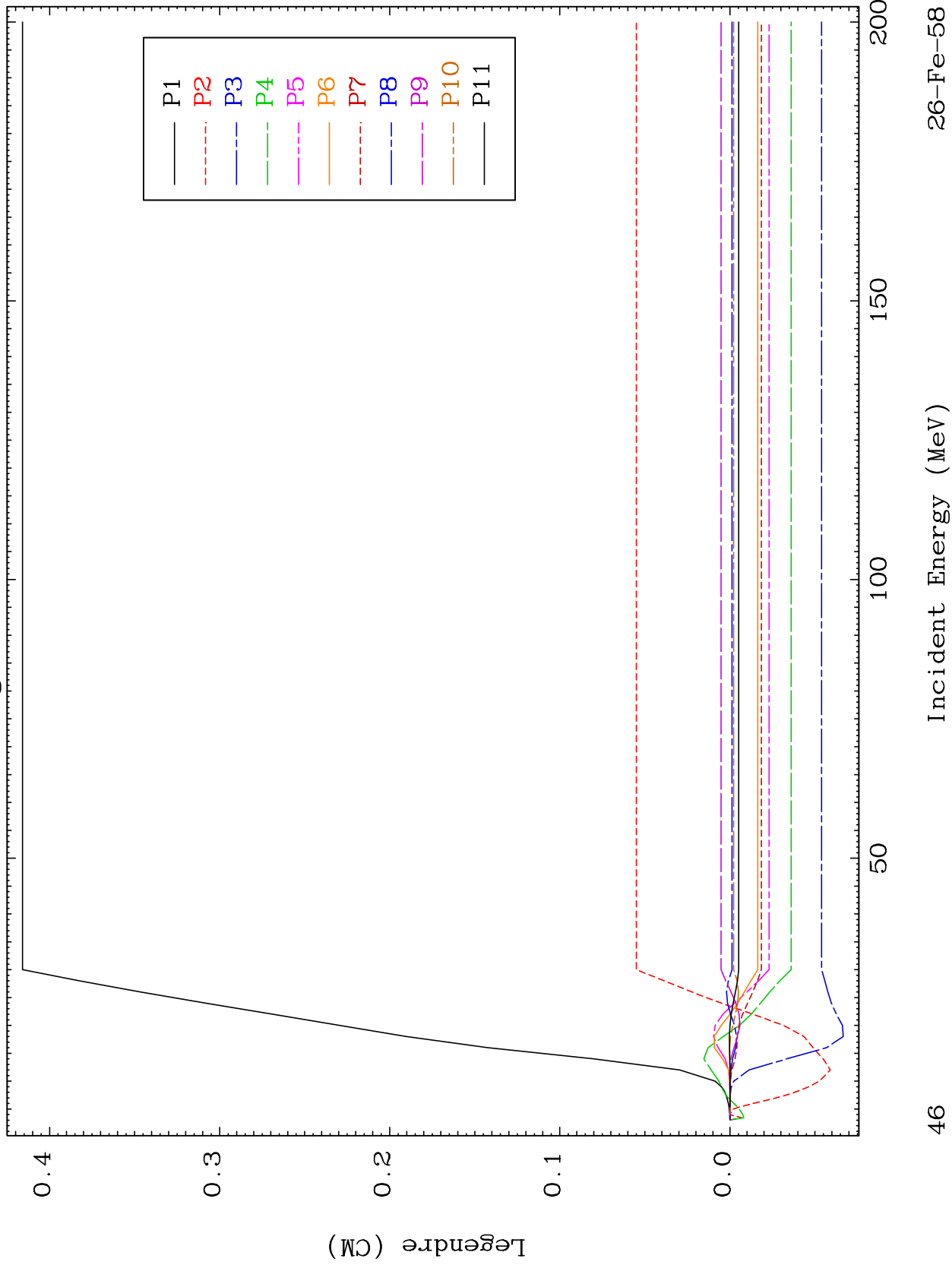




MAT 2637

2.970 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



46

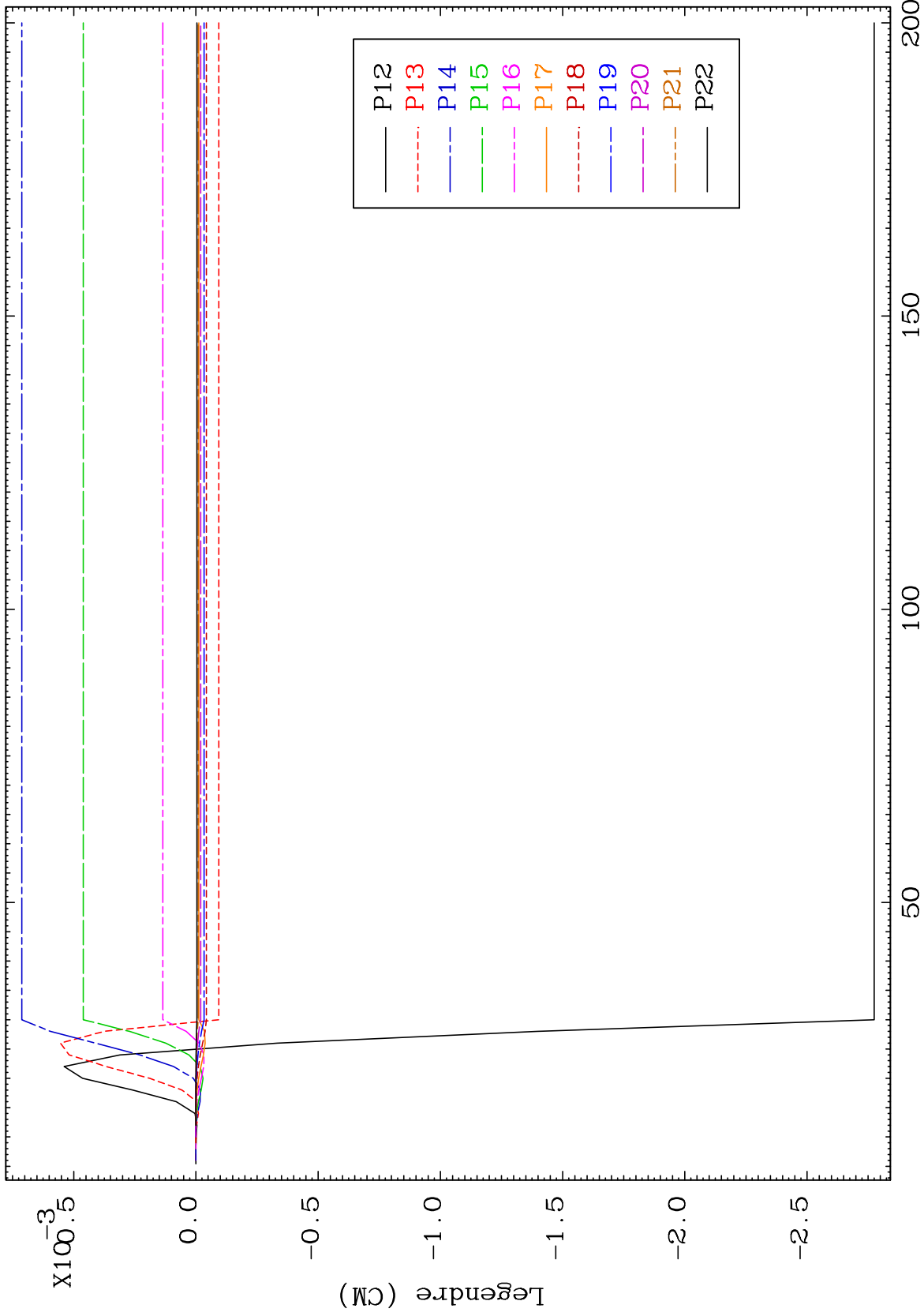
Incident Energy (MeV)

26-Fe-58

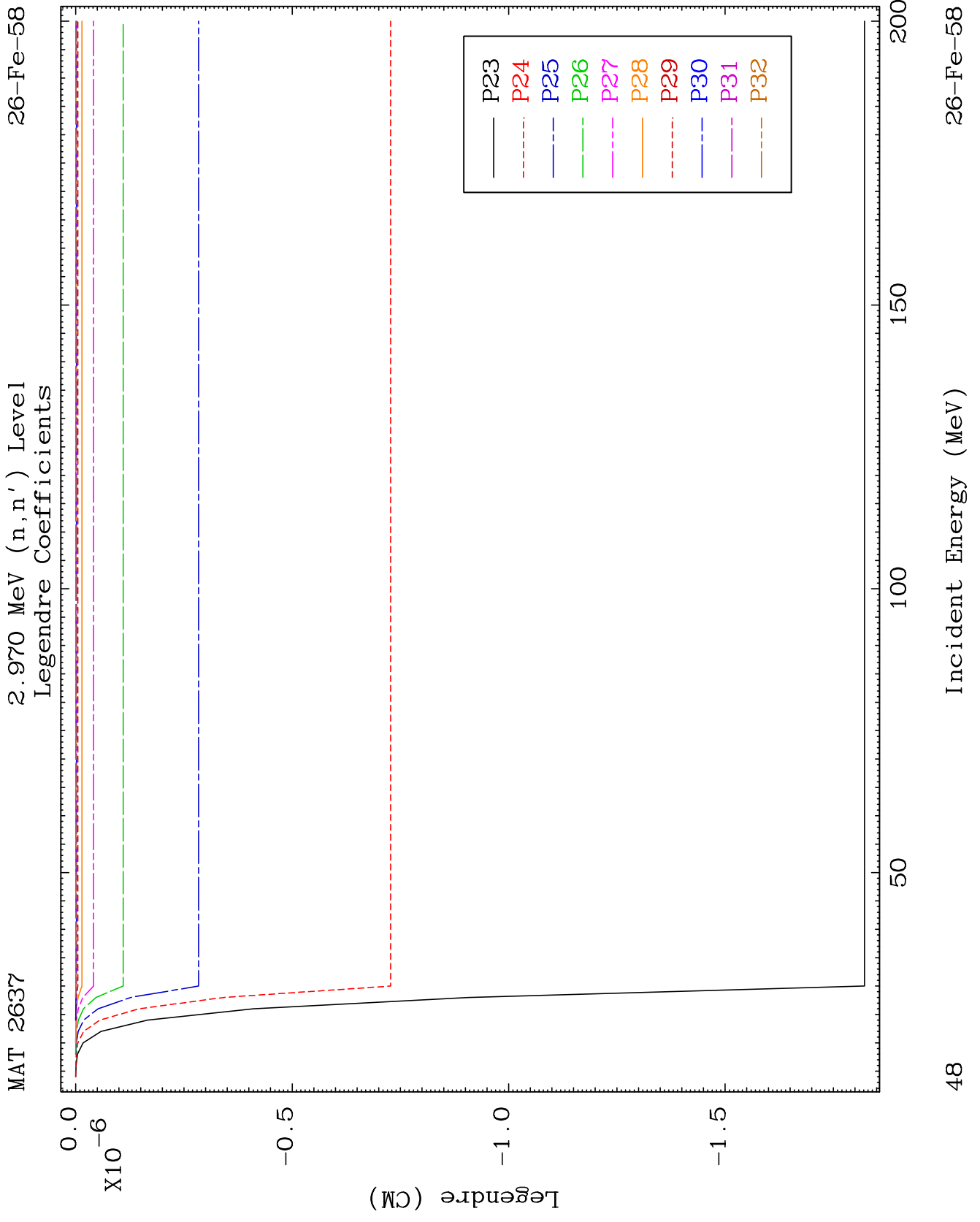
MAT 2637

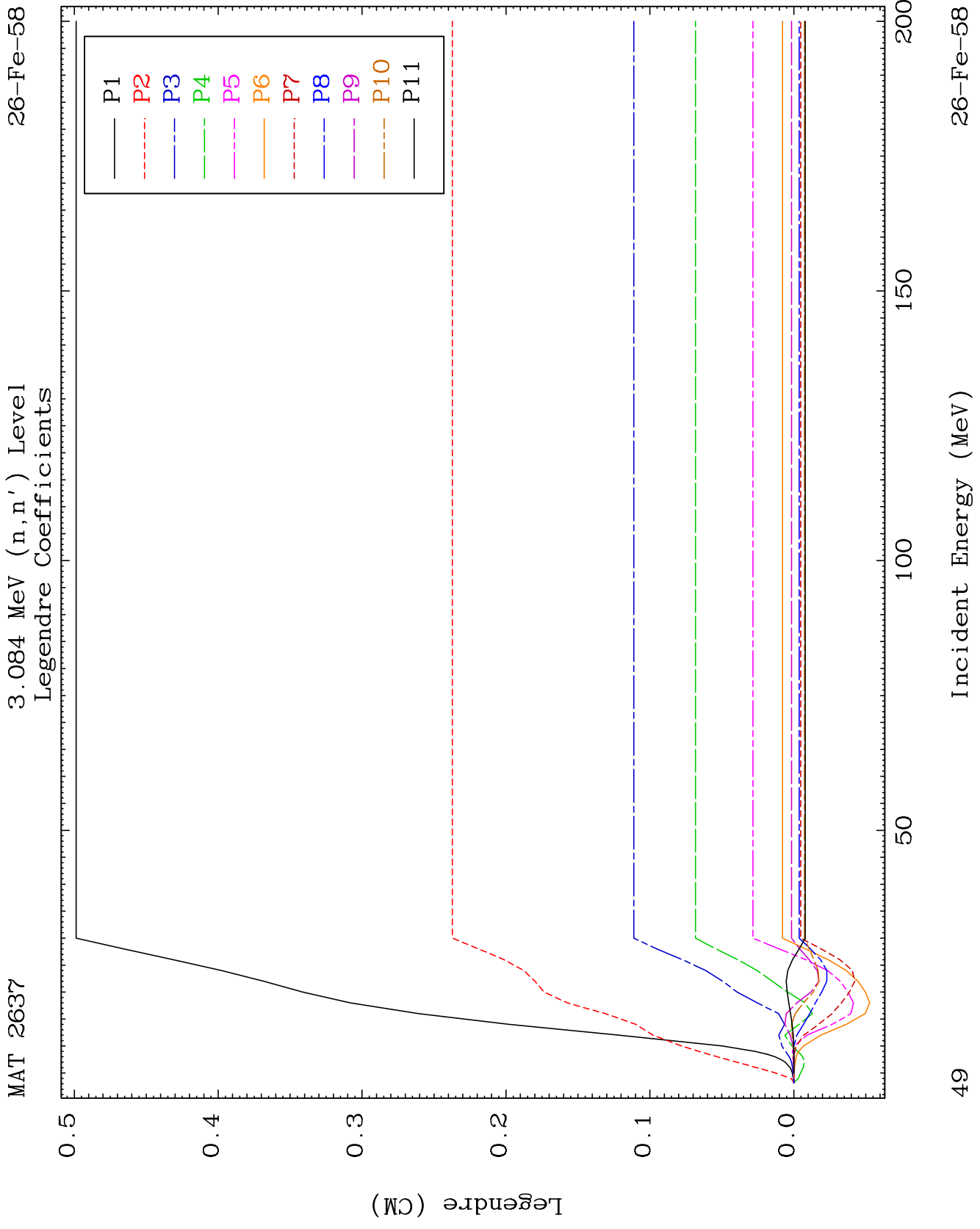
2.970 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58





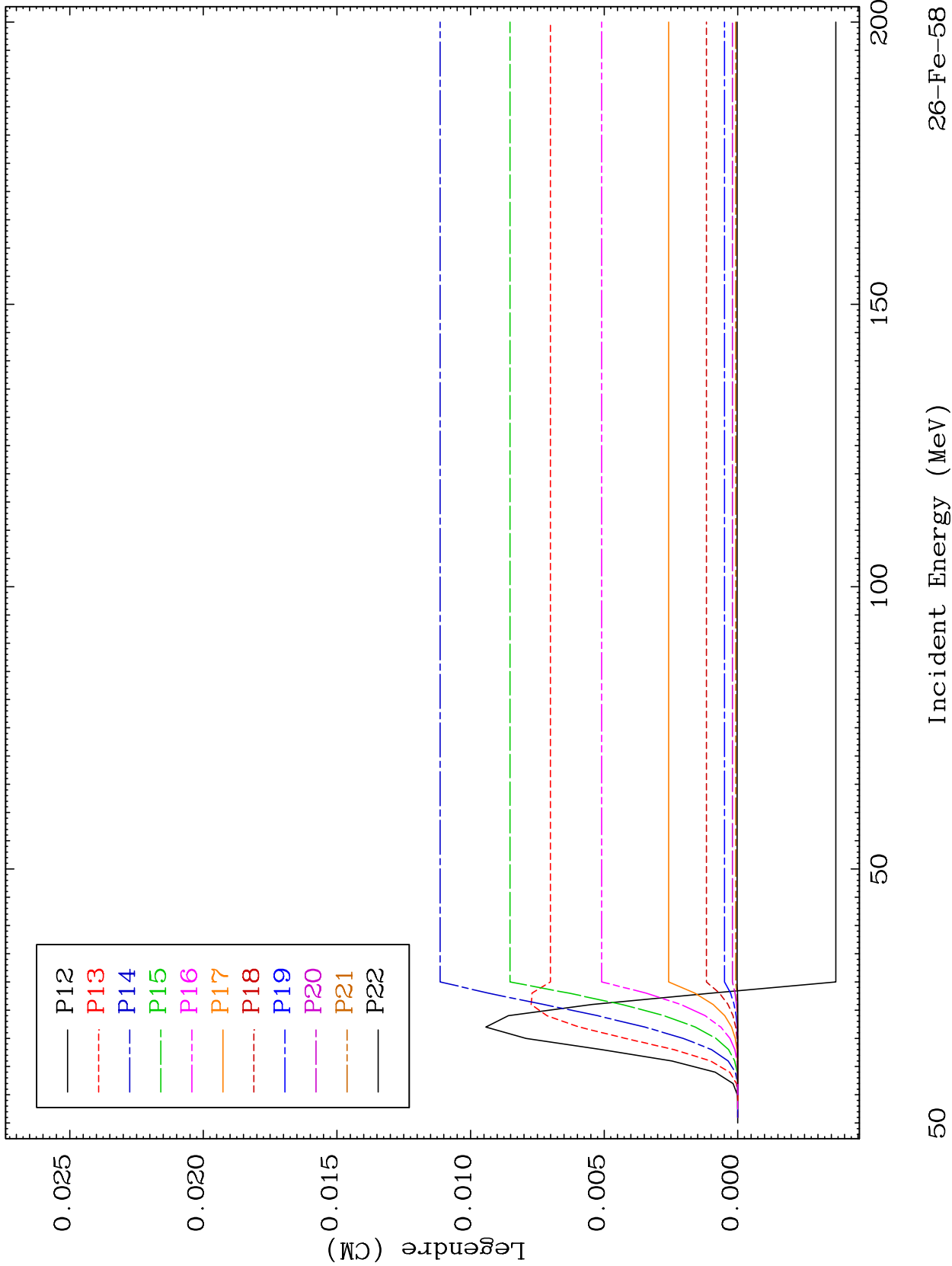




MAT 2637

3.084 MeV (n, n') Level  
Legendre Coefficients

26-Fe-58



50

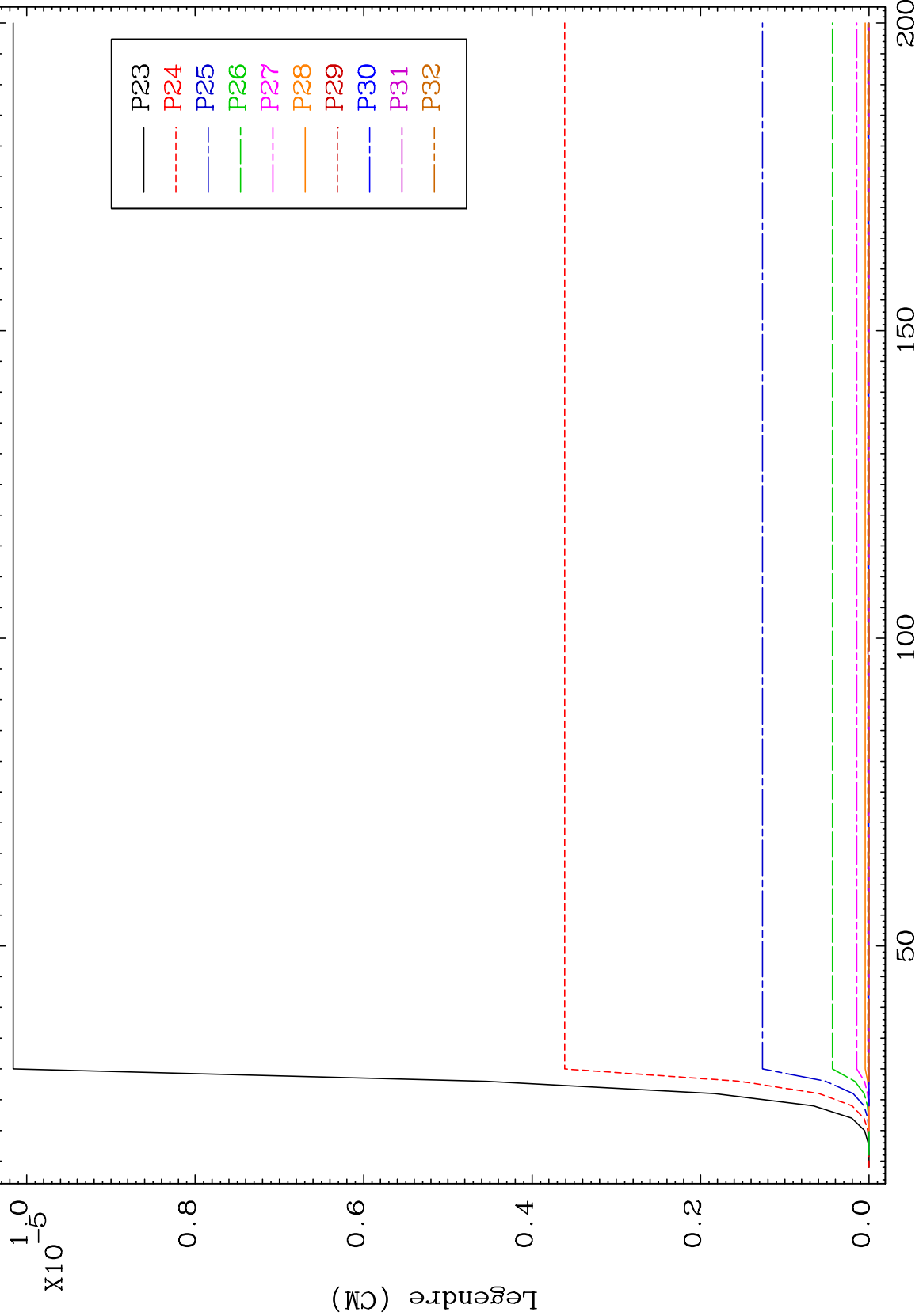
Incident Energy (MeV)

26-Fe-58

MAT 2637

3.084 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



51

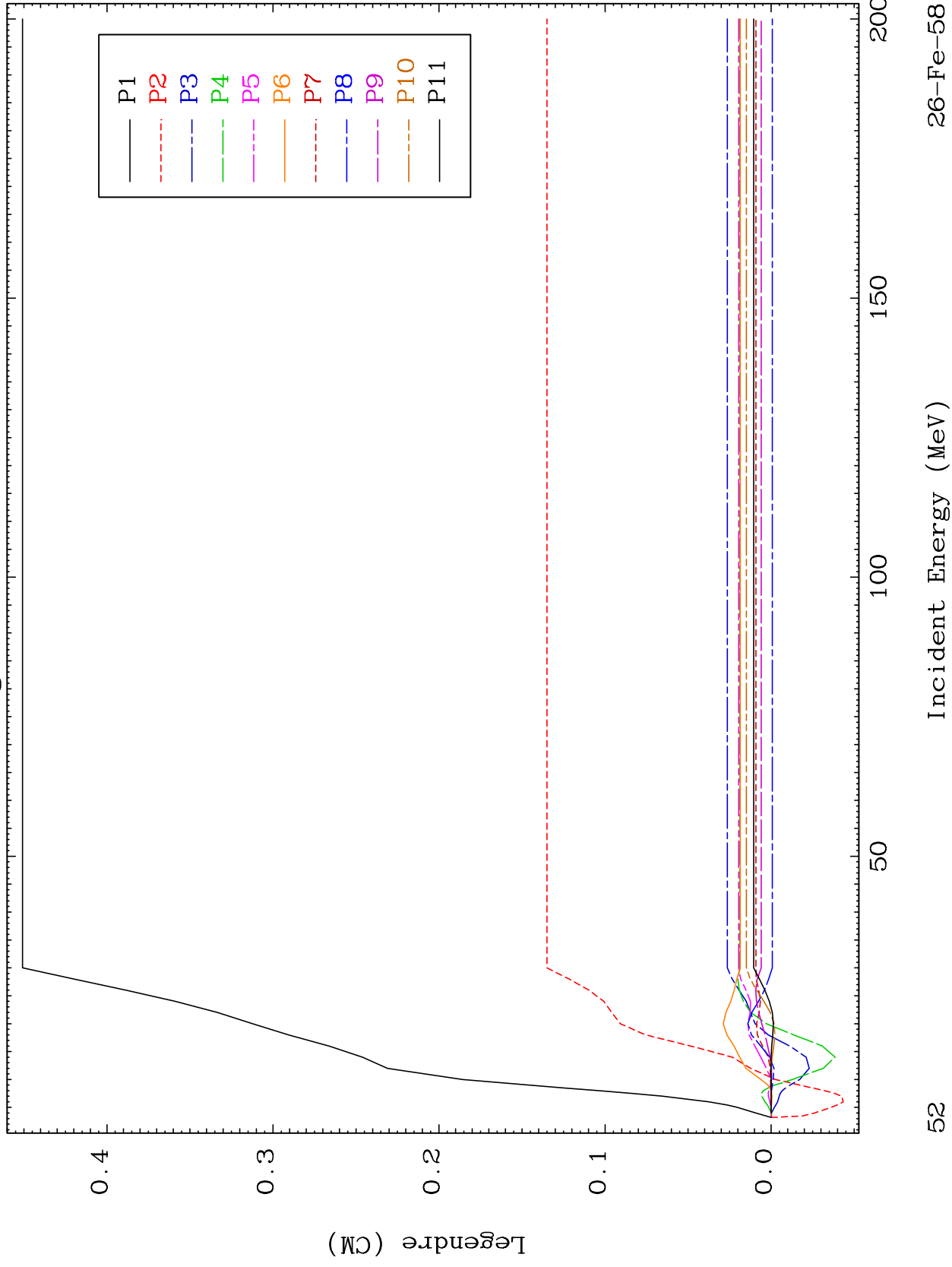
Incident Energy (MeV)

26-Fe-58

MAT 2637

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Legendre Coefficients

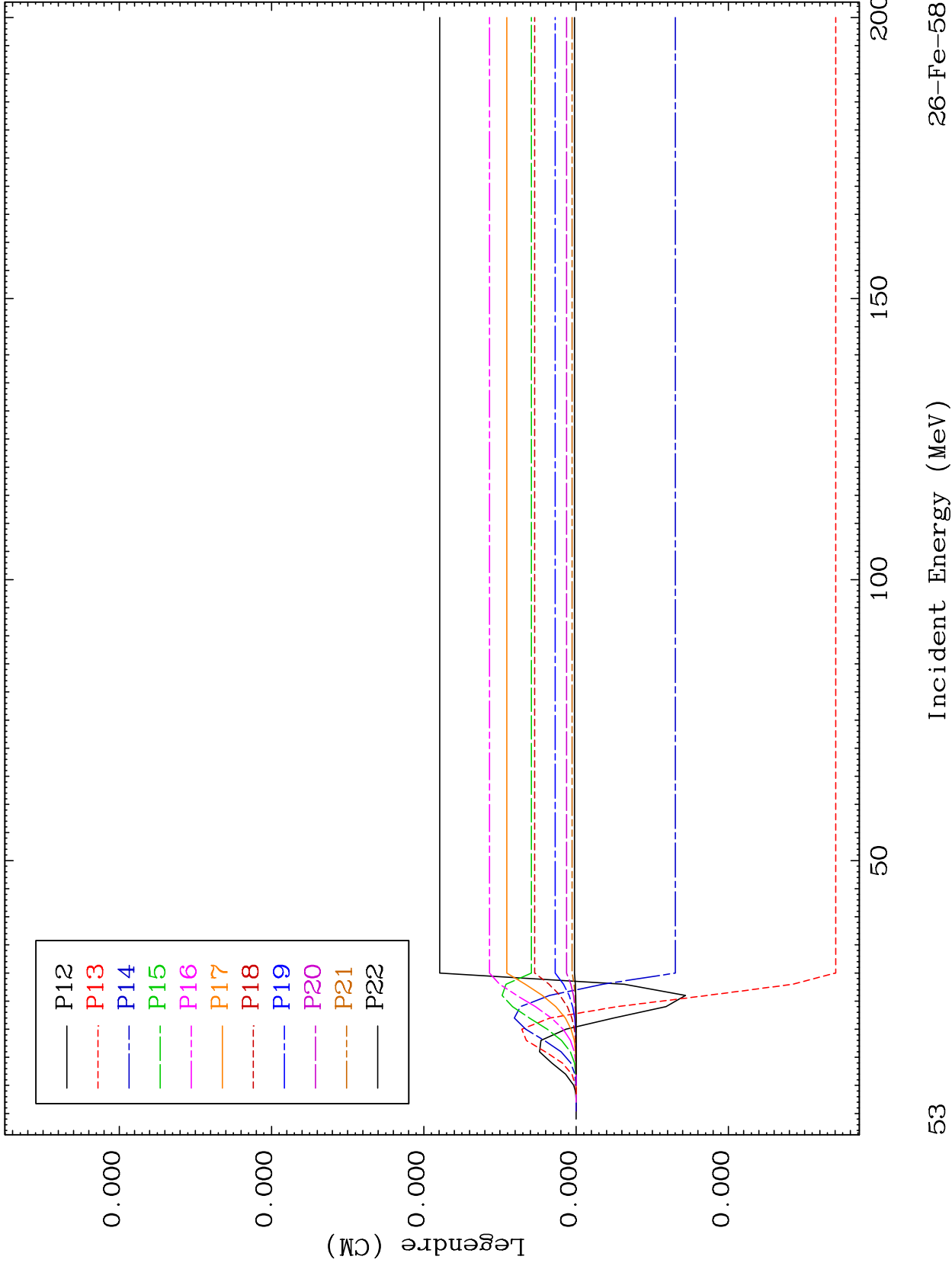
26-Fe-58



52

Incident Energy (MeV)

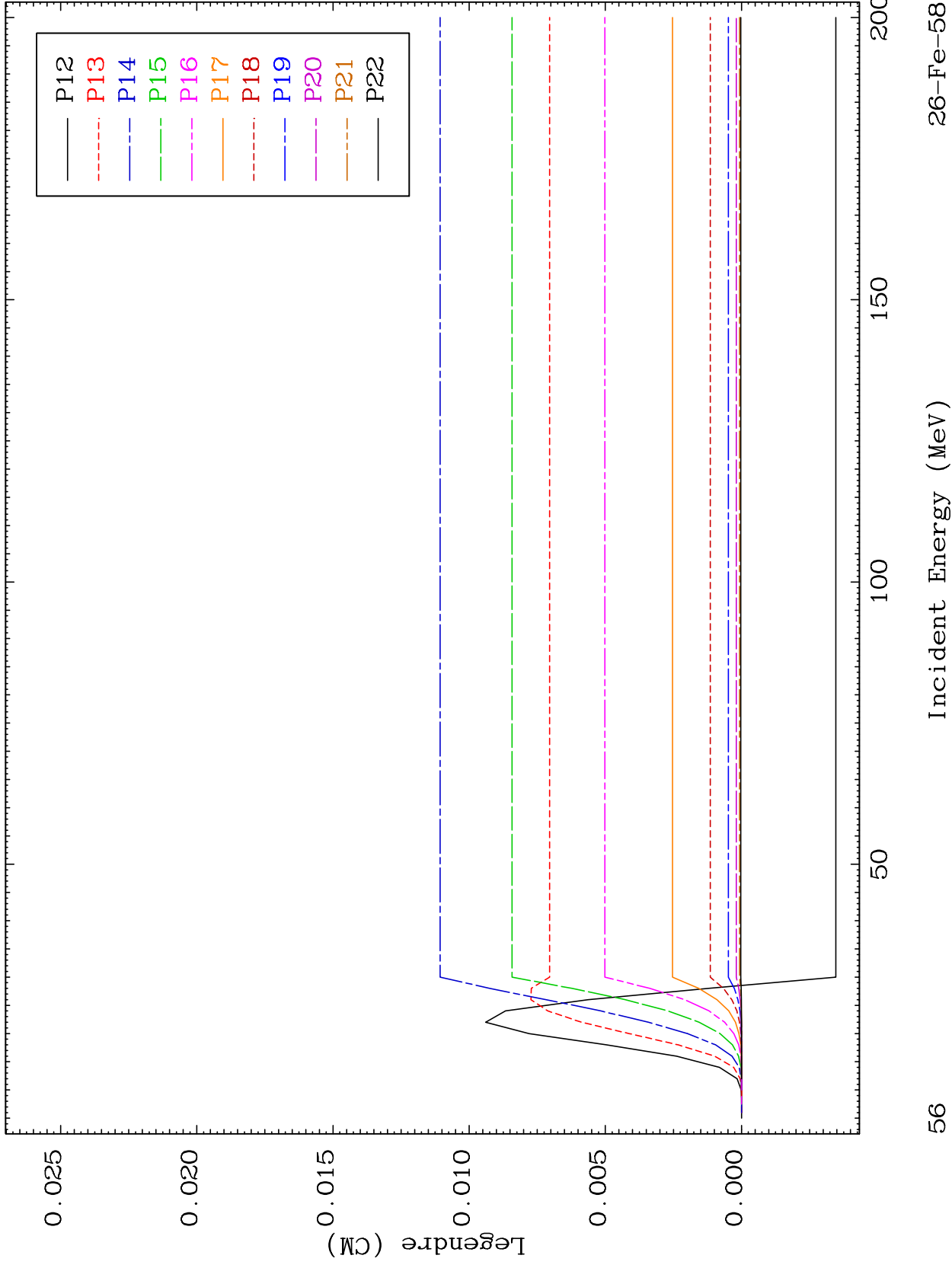
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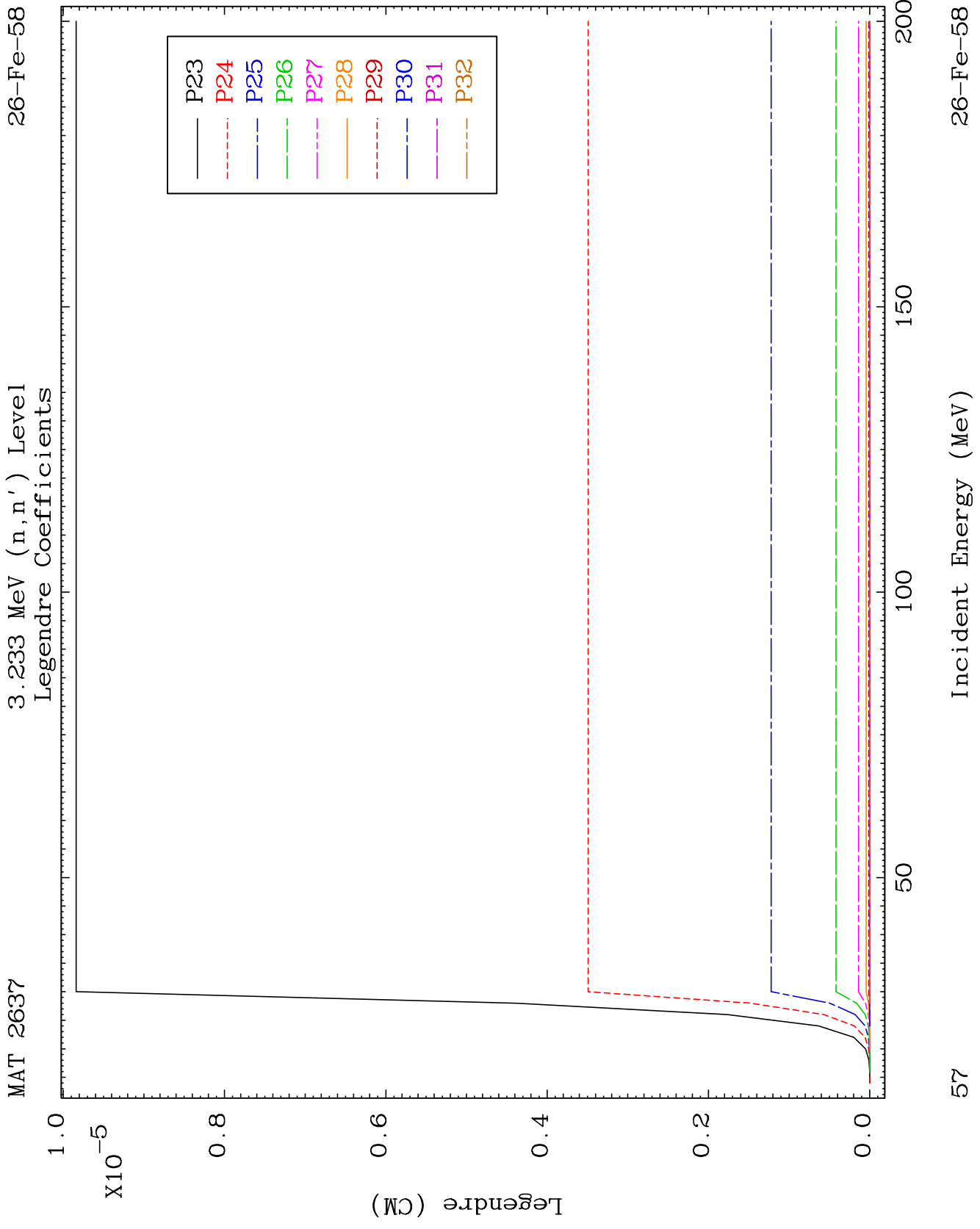


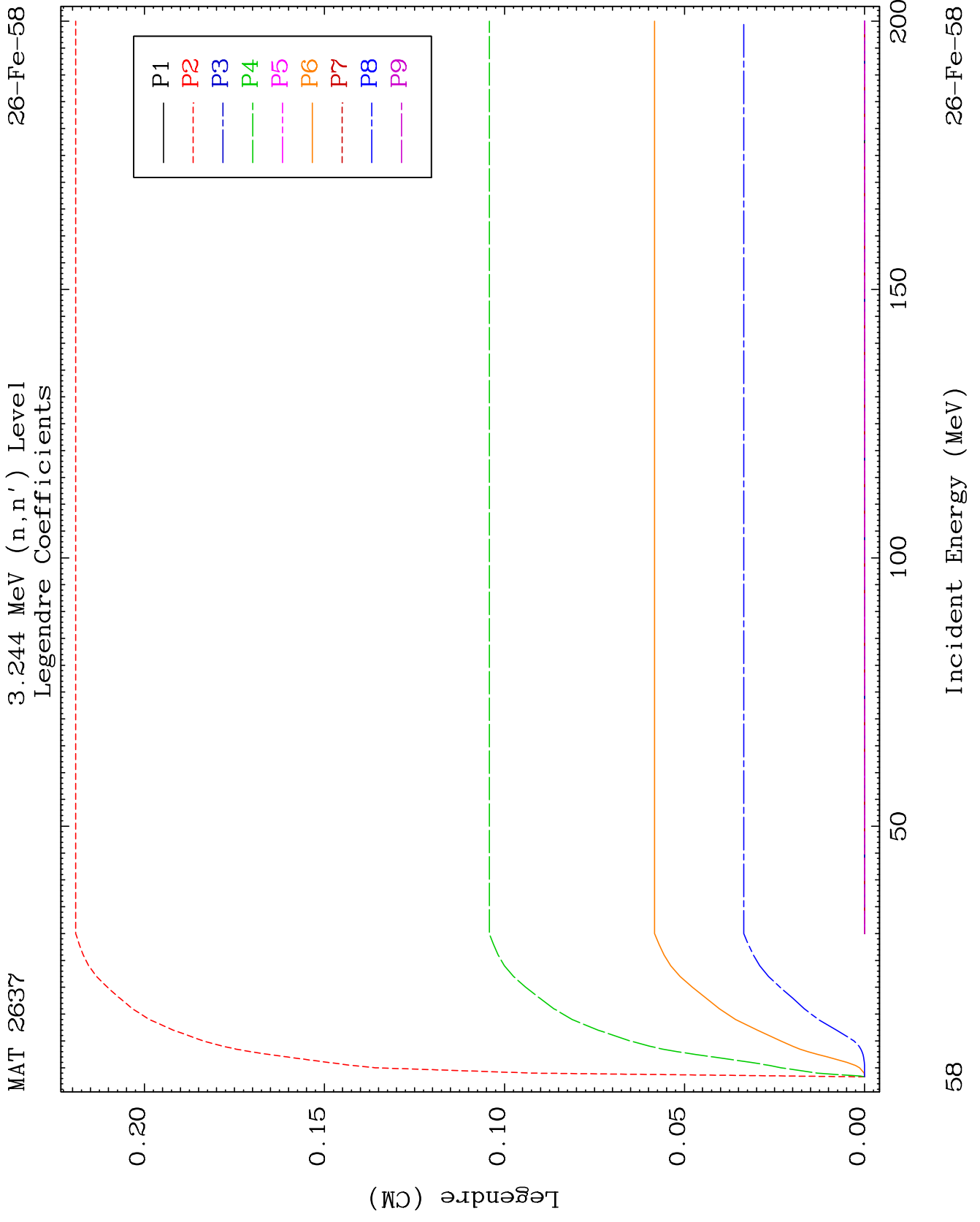








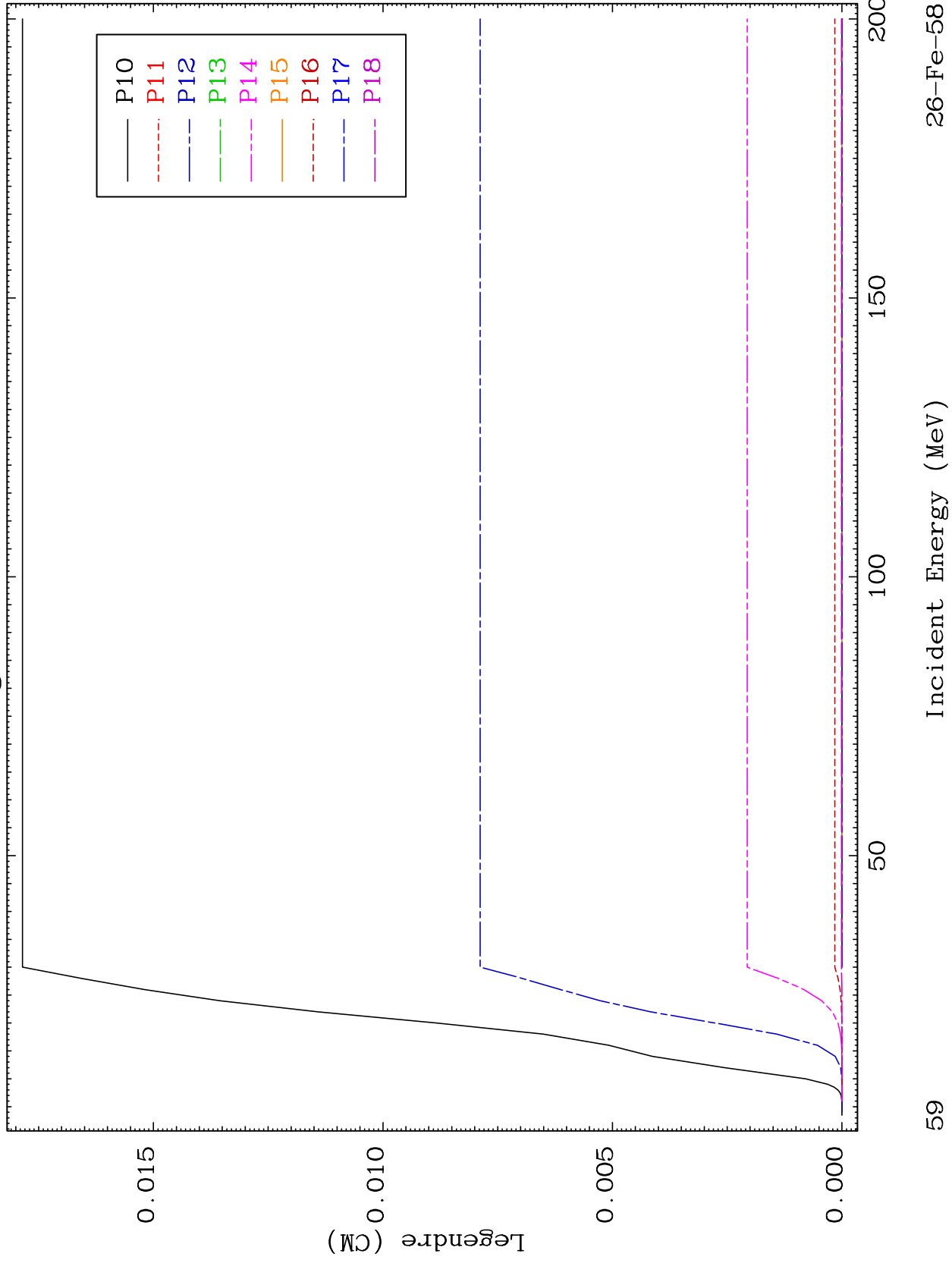




MAT 2637

3.244 MeV (n,n') Level  
Legendre Coefficients

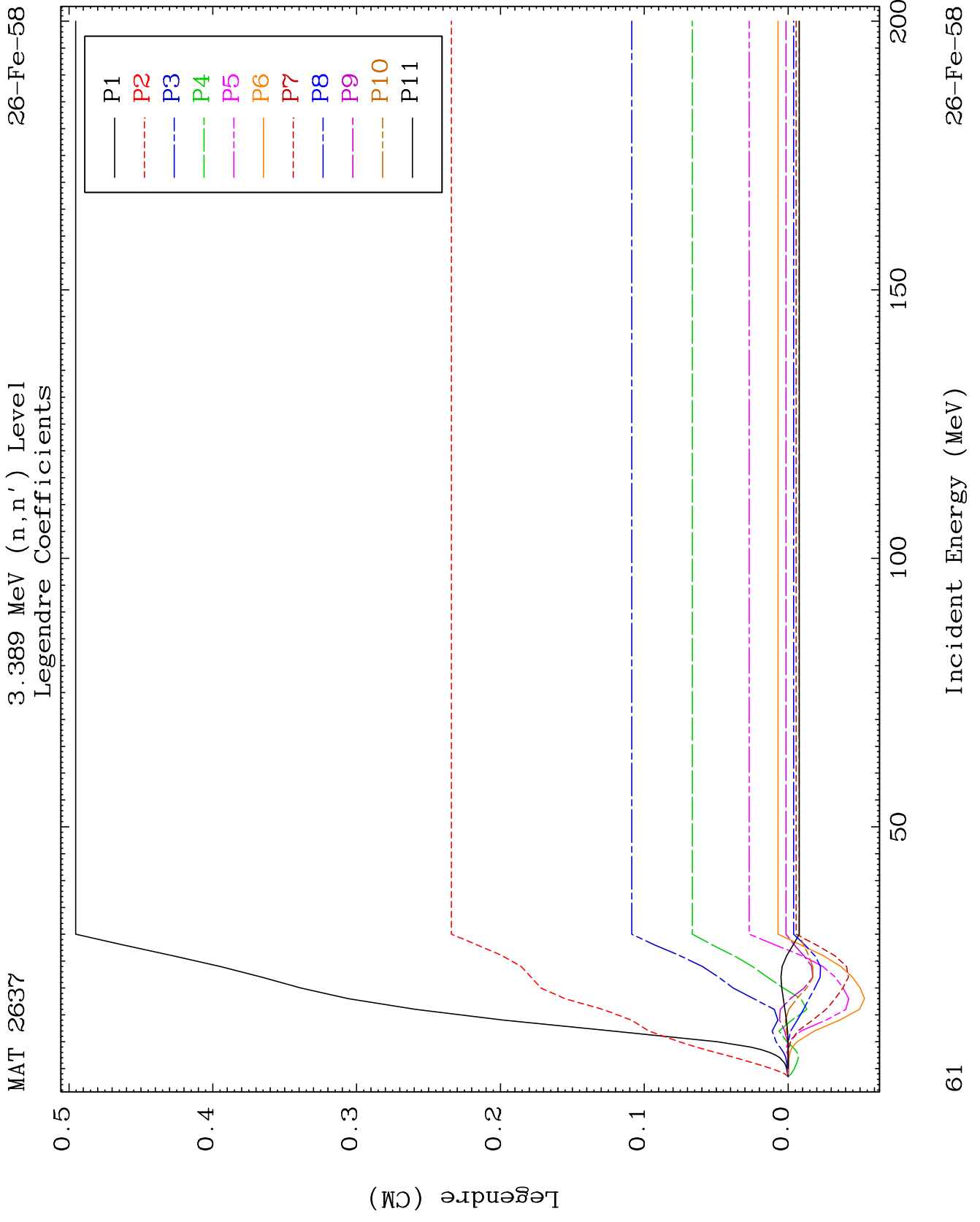
26-Fe-58



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26-Fe-58

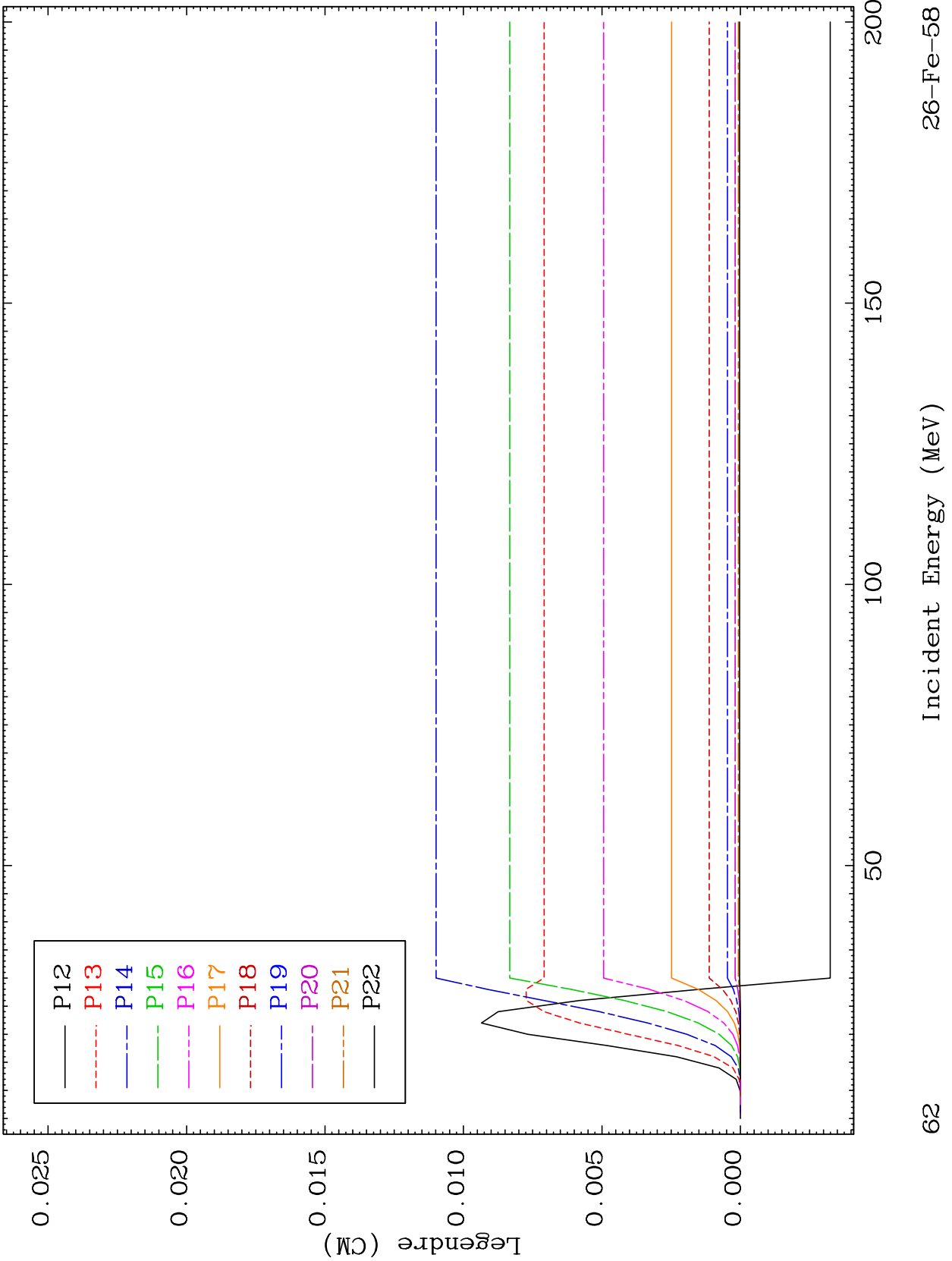


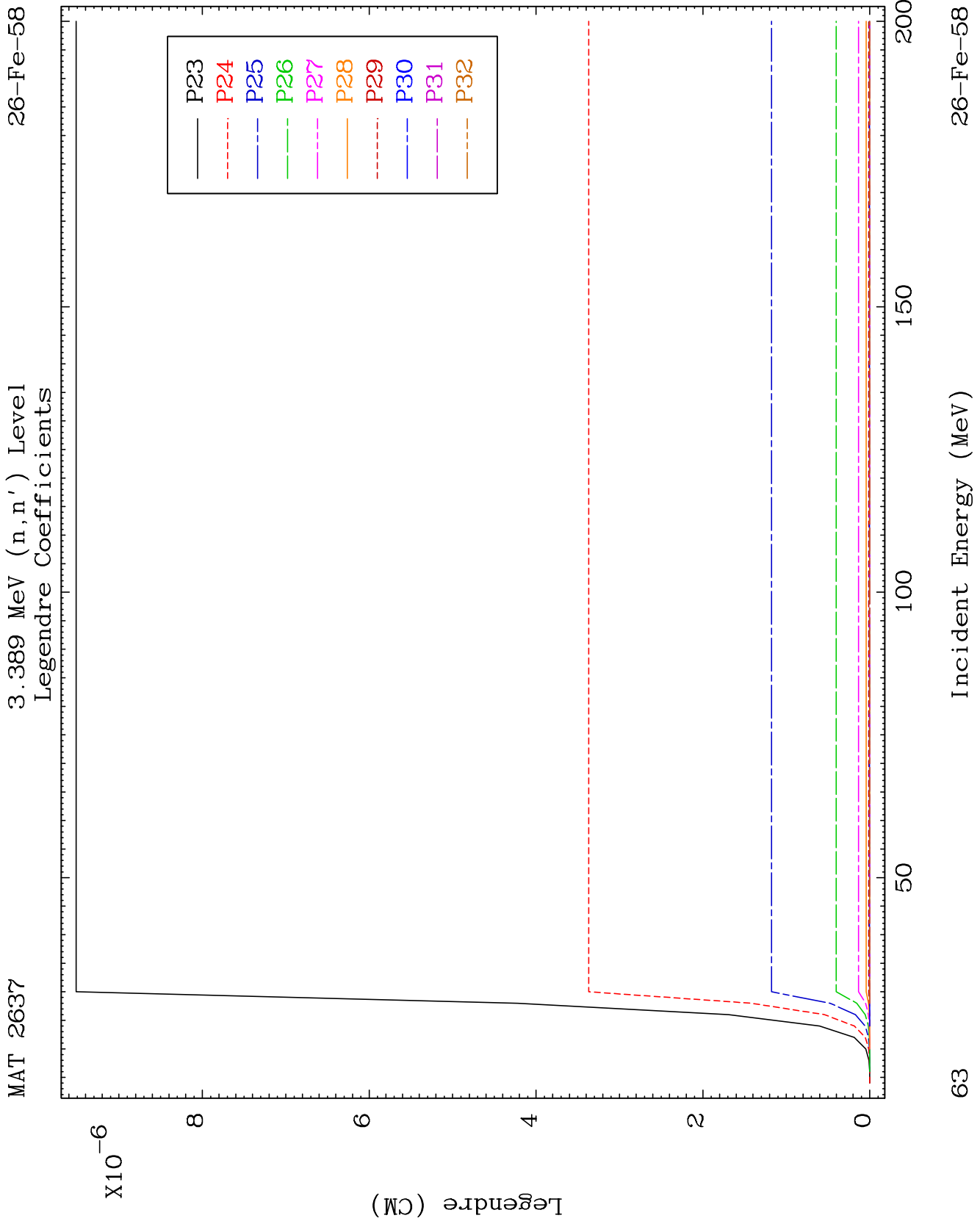


MAT 2637

3.389 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



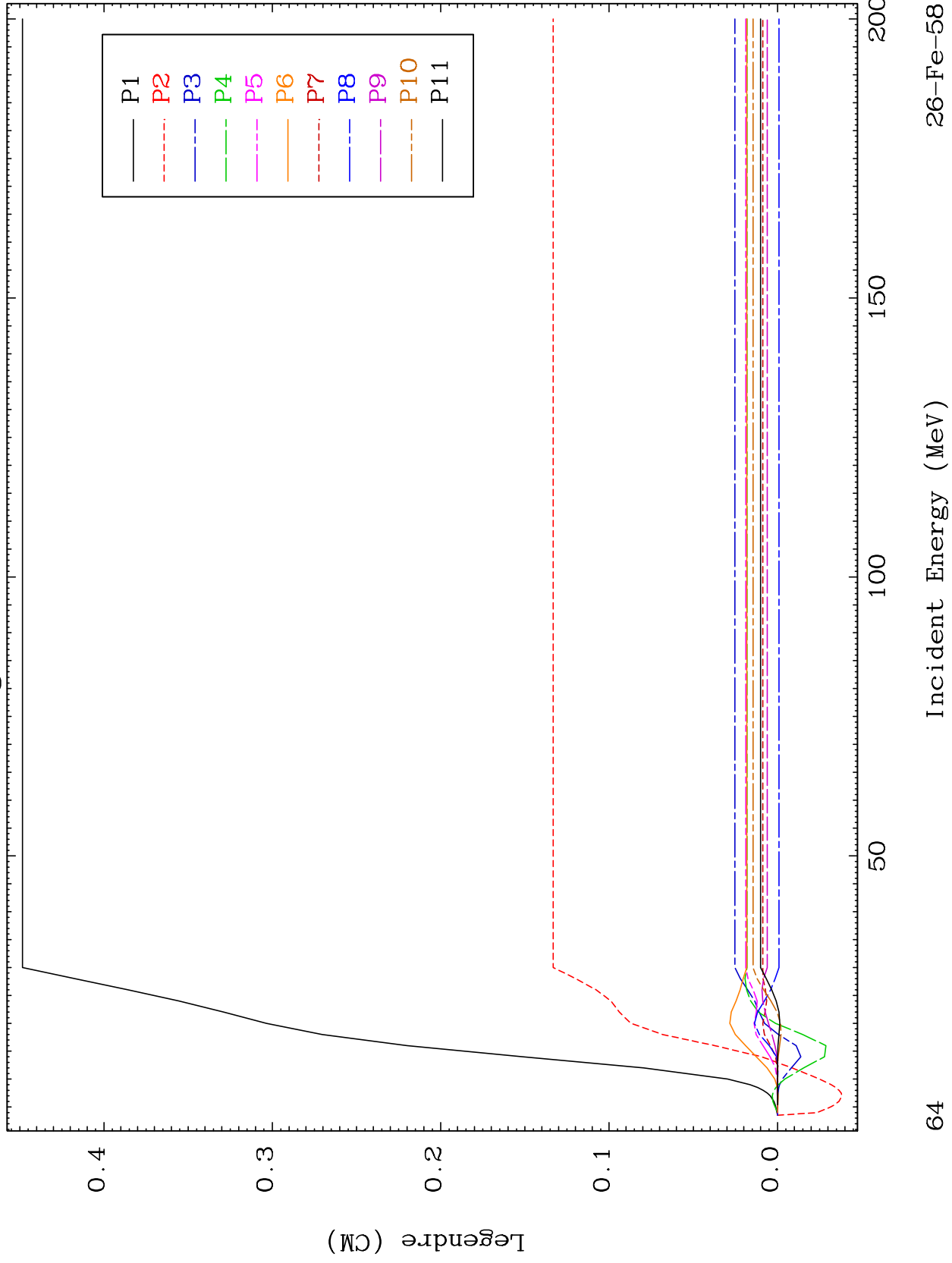




MAT 2637

3.450 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



64

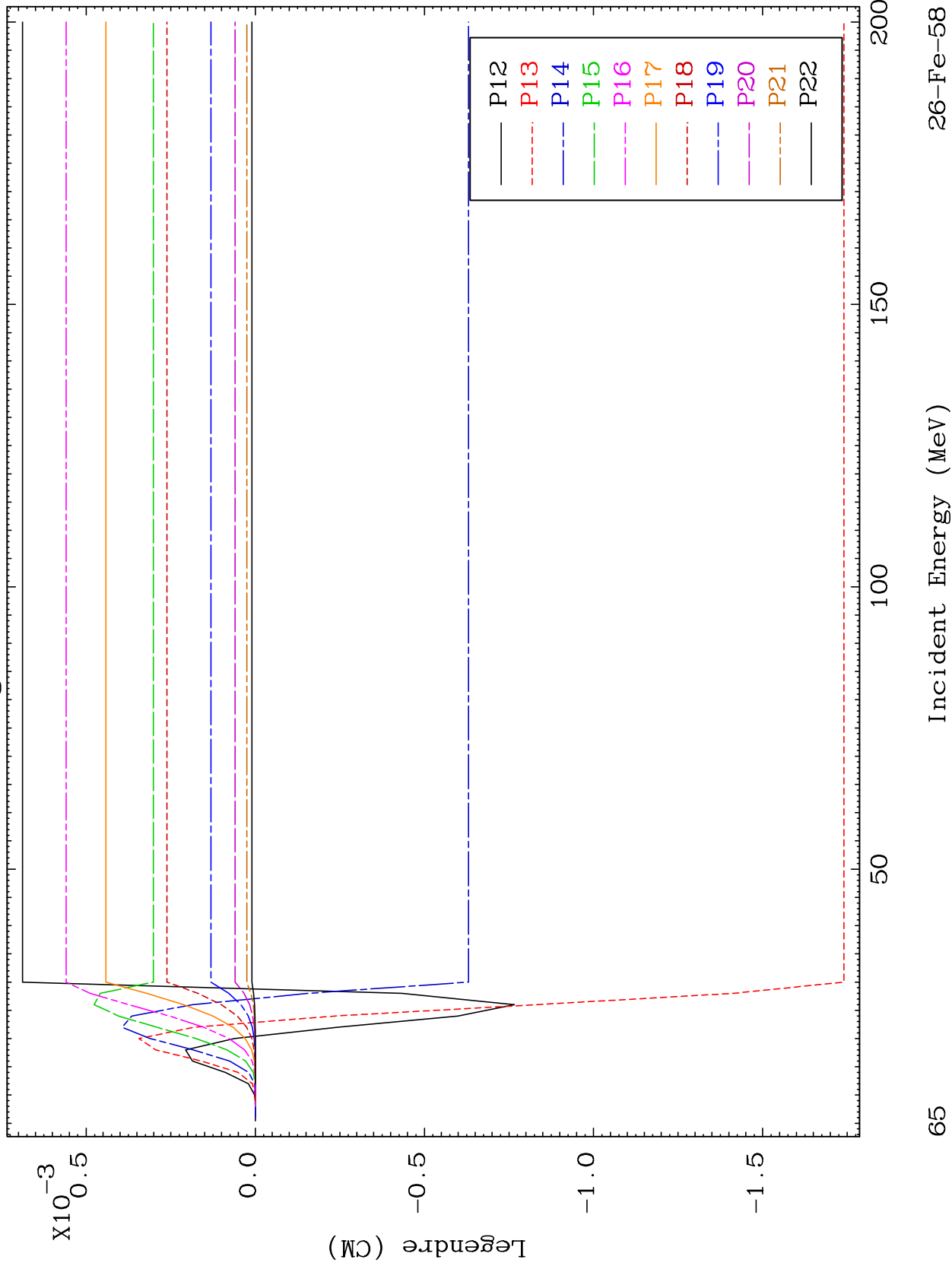
Incident Energy (MeV)

26-Fe-58

MAT 2637

3.450 MeV (n,n') Level  
Legendre Coefficients

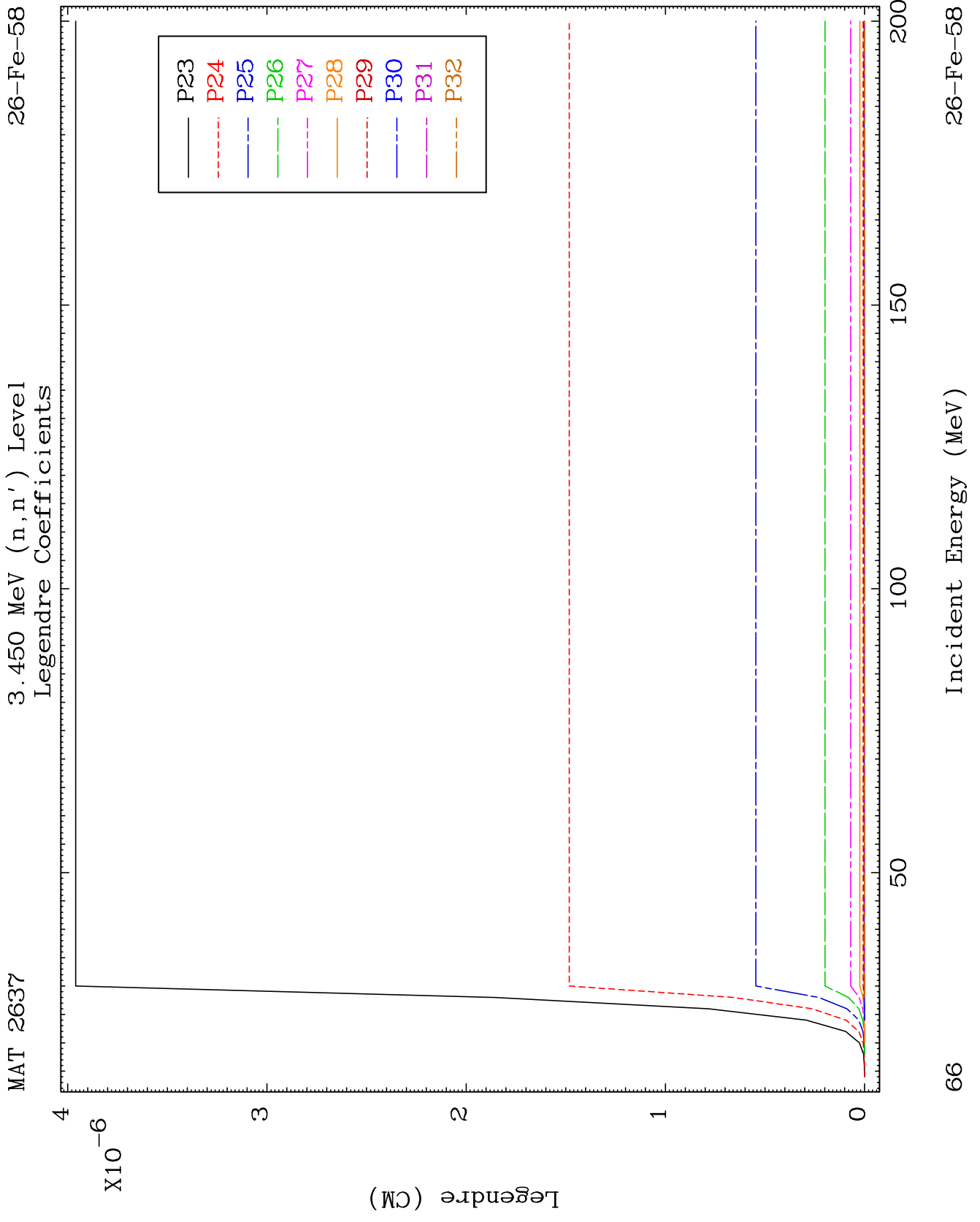
26-Fe-58



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Incident Energy (MeV)

26-Fe-58

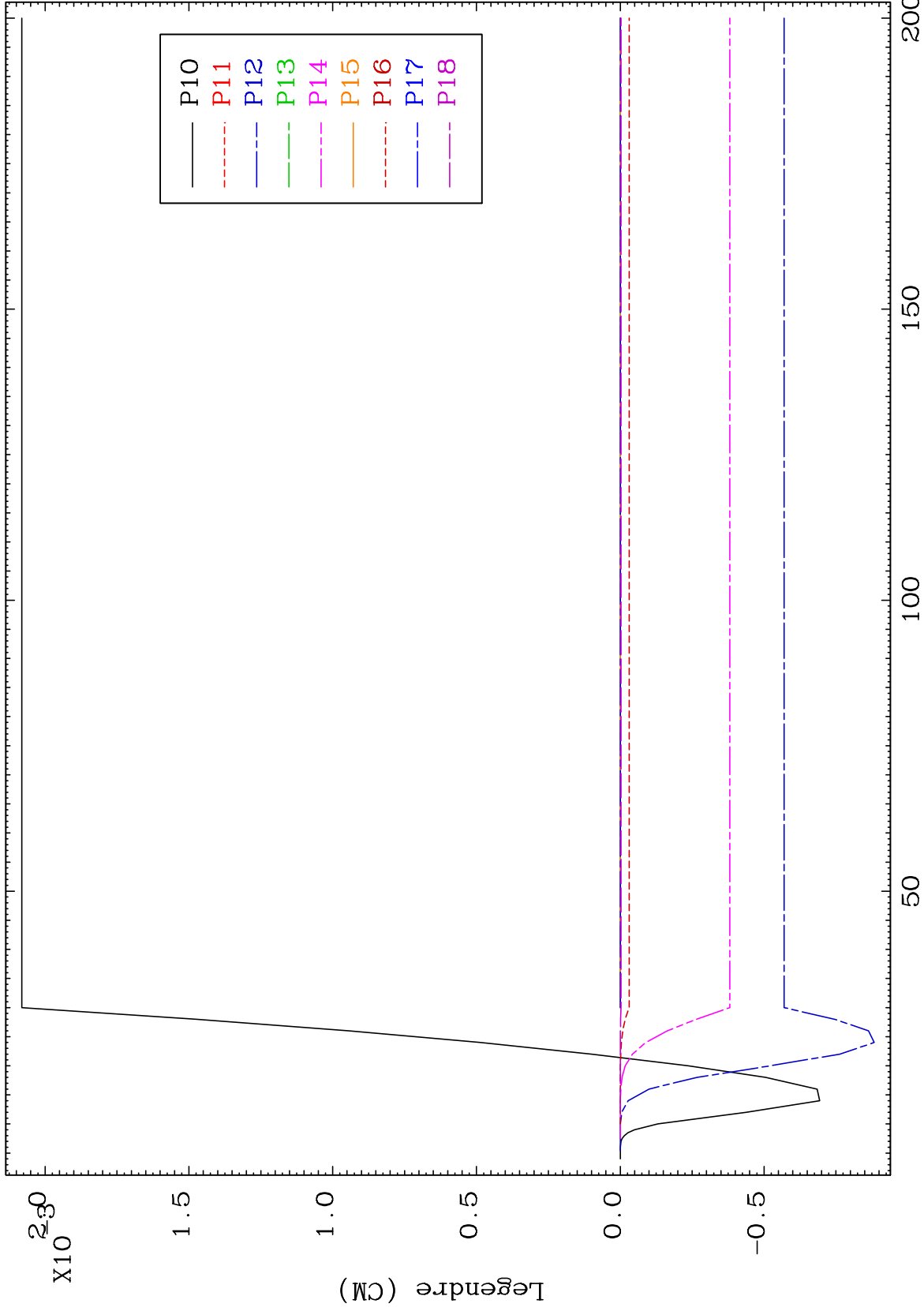




MAT 2637

3.538 MeV (n,n') Level  
Legendre Coefficients

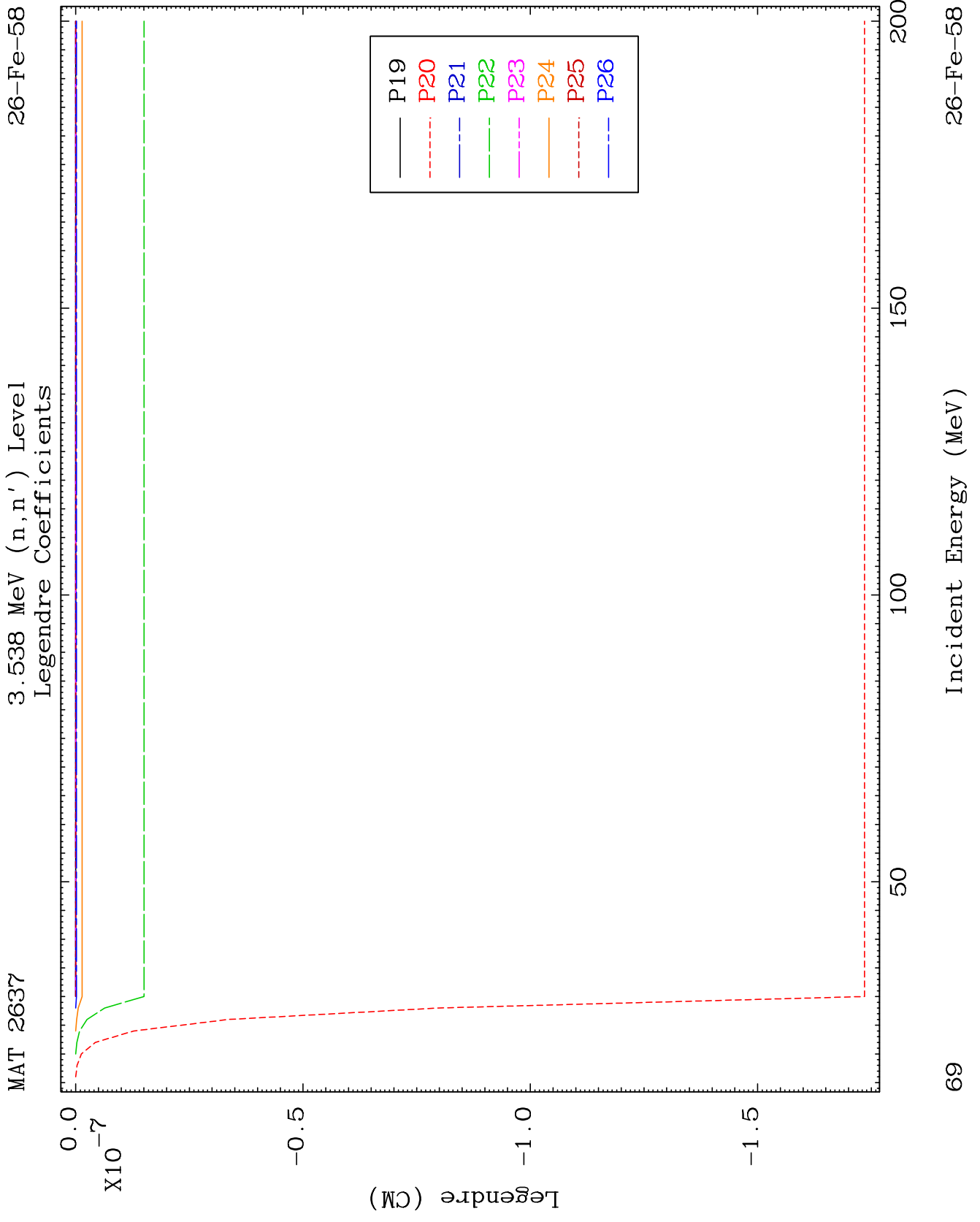
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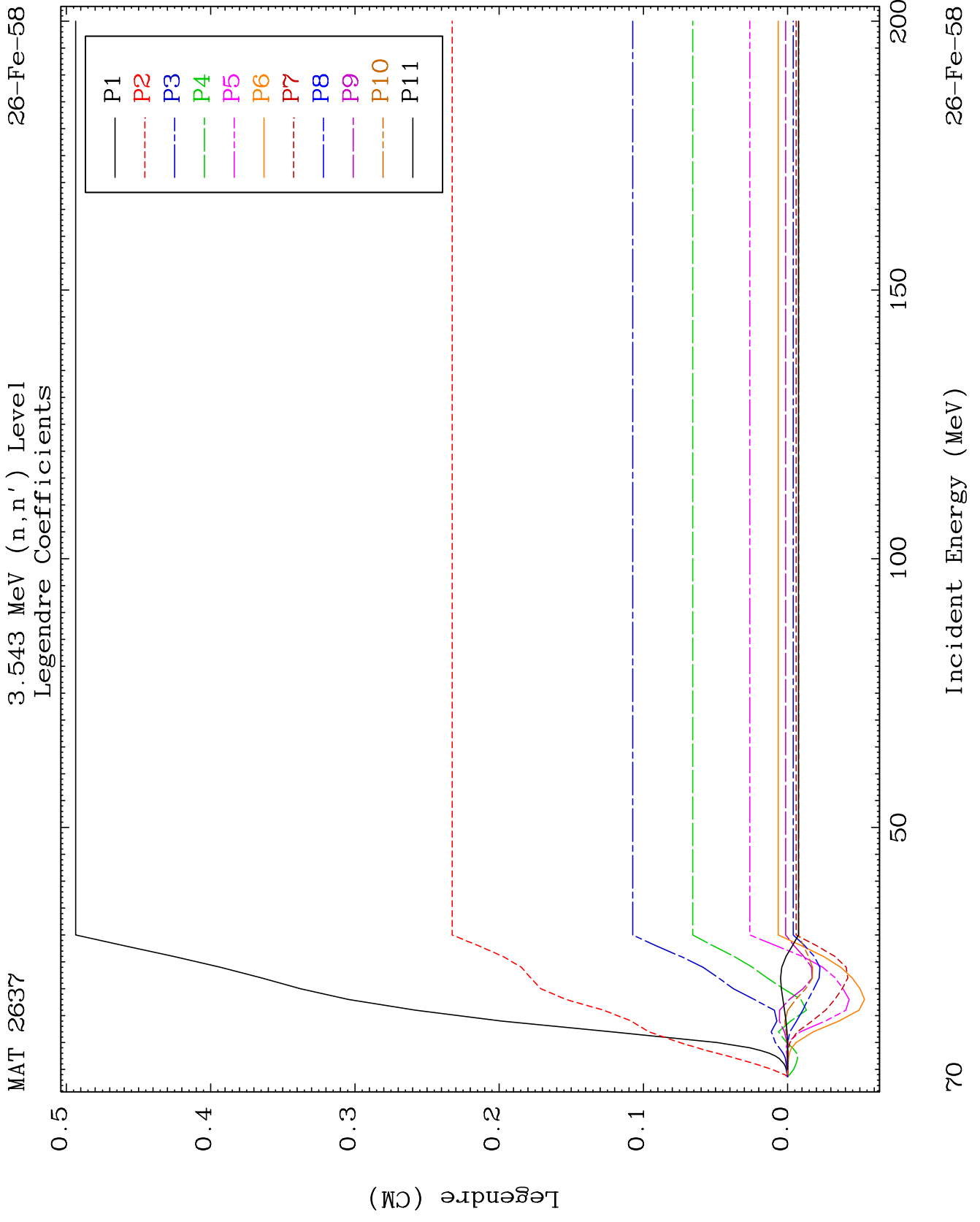


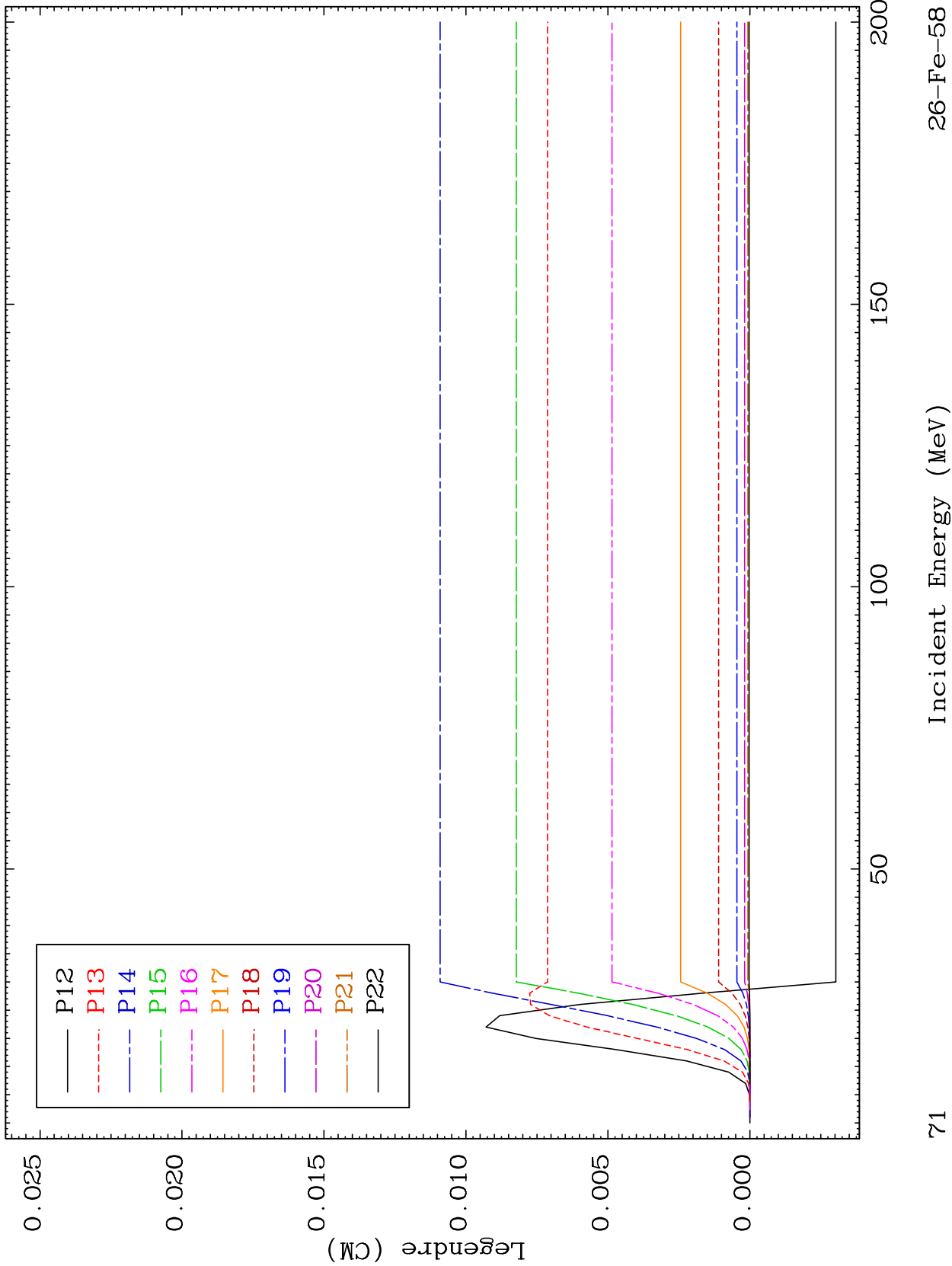
68

Incident Energy (MeV)

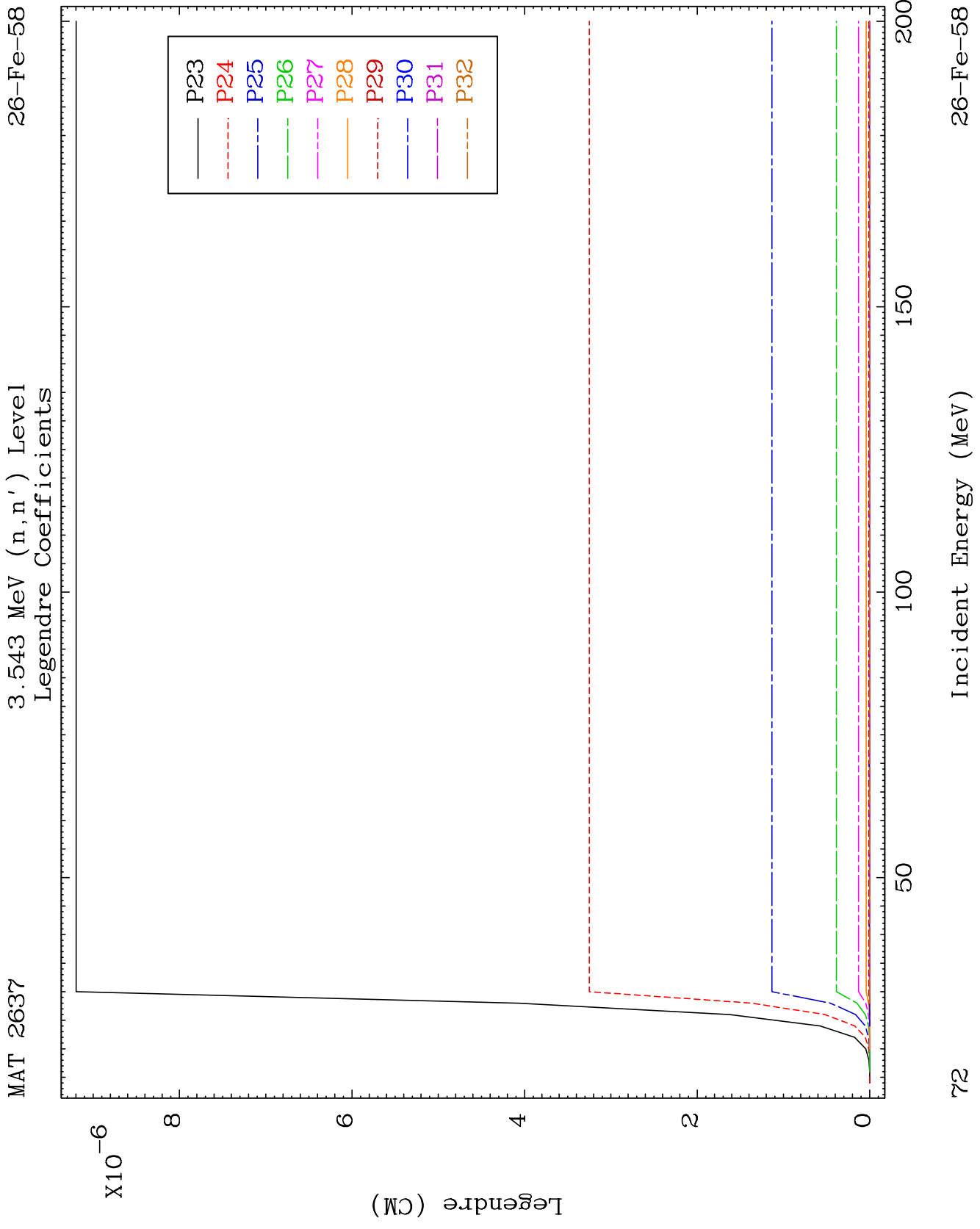
26-Fe-58







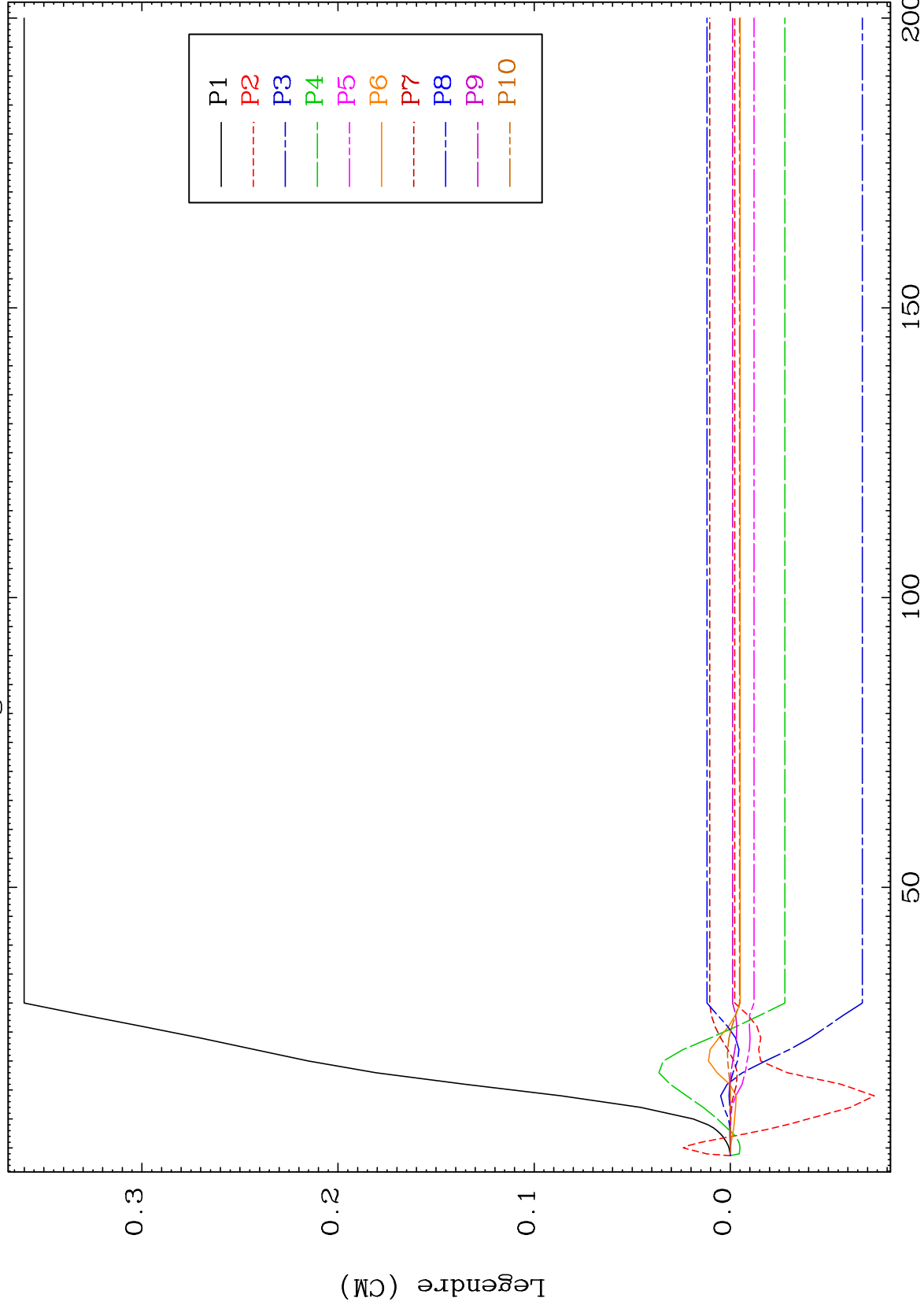




MAT 2637

3.597 MeV (n,n') Level  
Legendre Coefficients

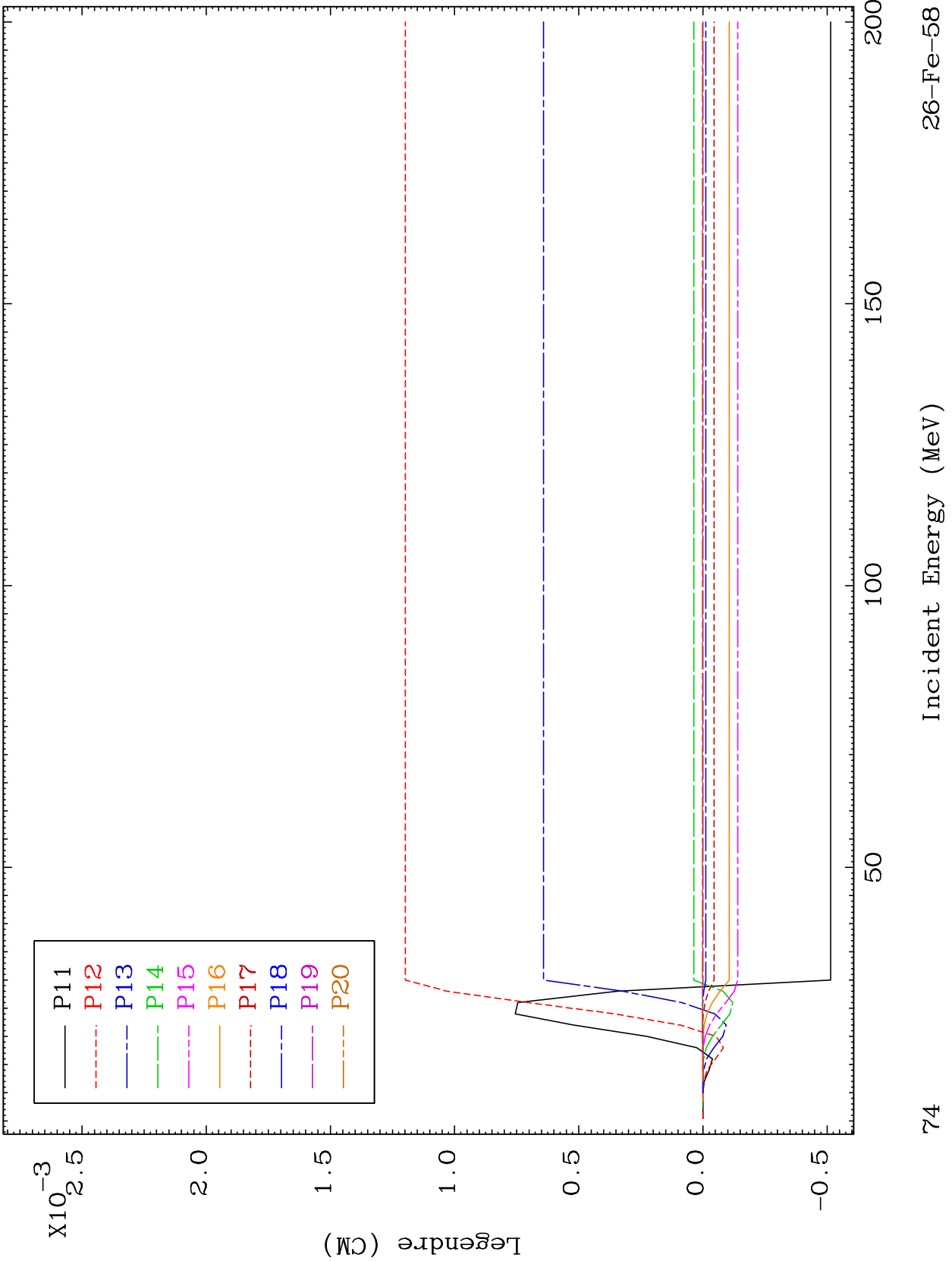
26-Fe-58



73

Incident Energy (MeV)

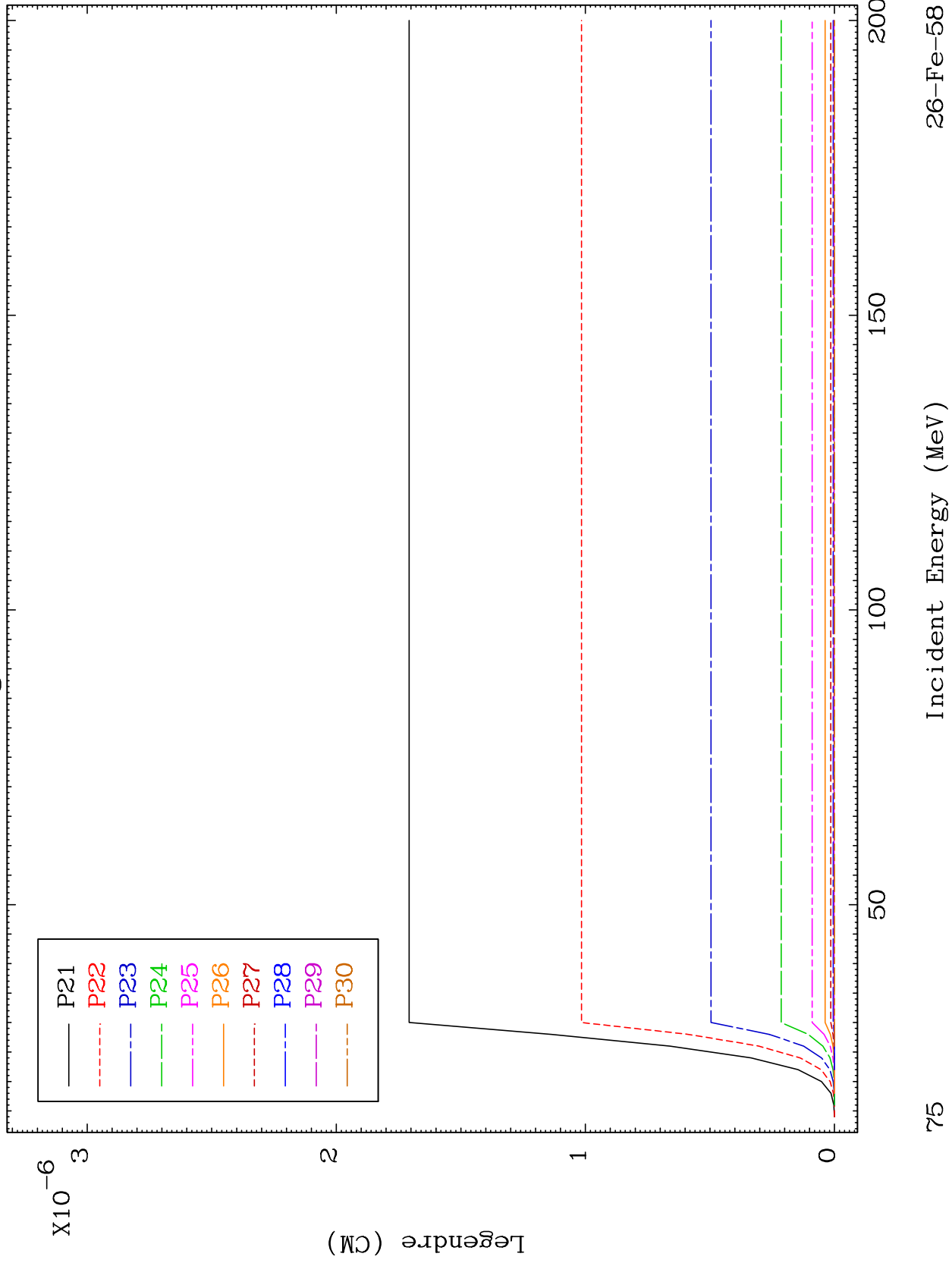
26-Fe-58

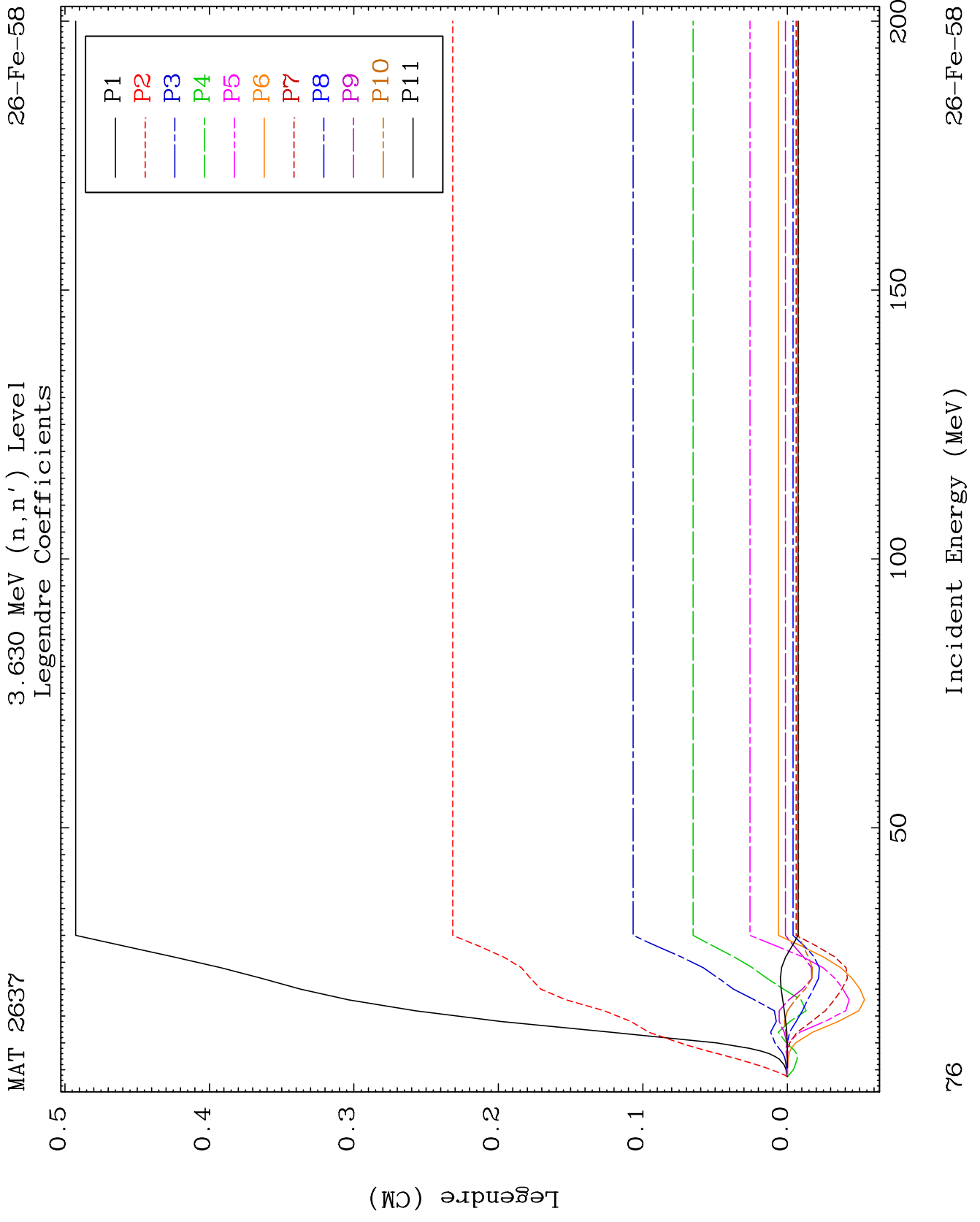


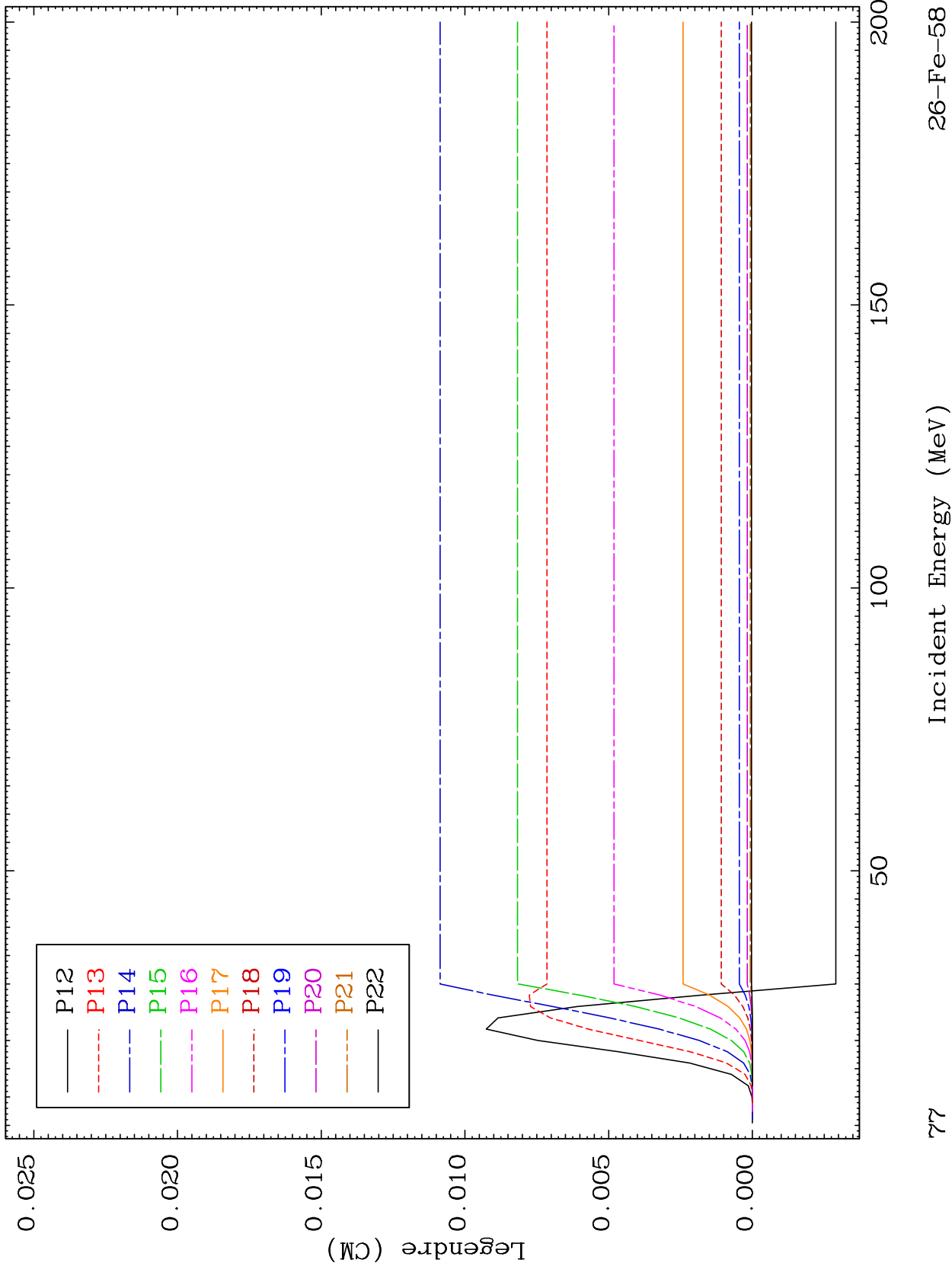
MAT 2637

3.597 MeV (n, n') Level  
Legendre Coefficients

26-Fe-58



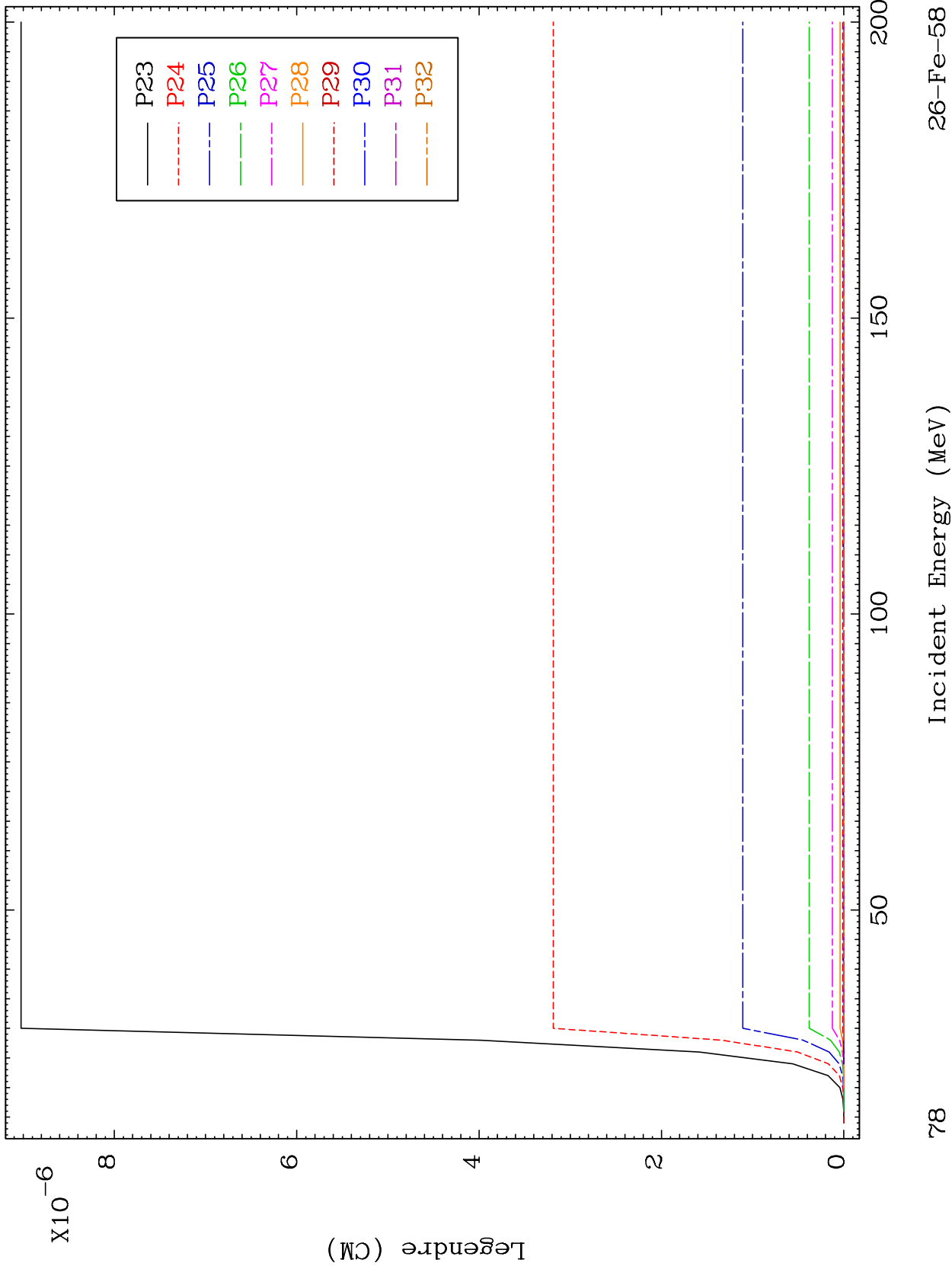




MAT 2637

3.630 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



78

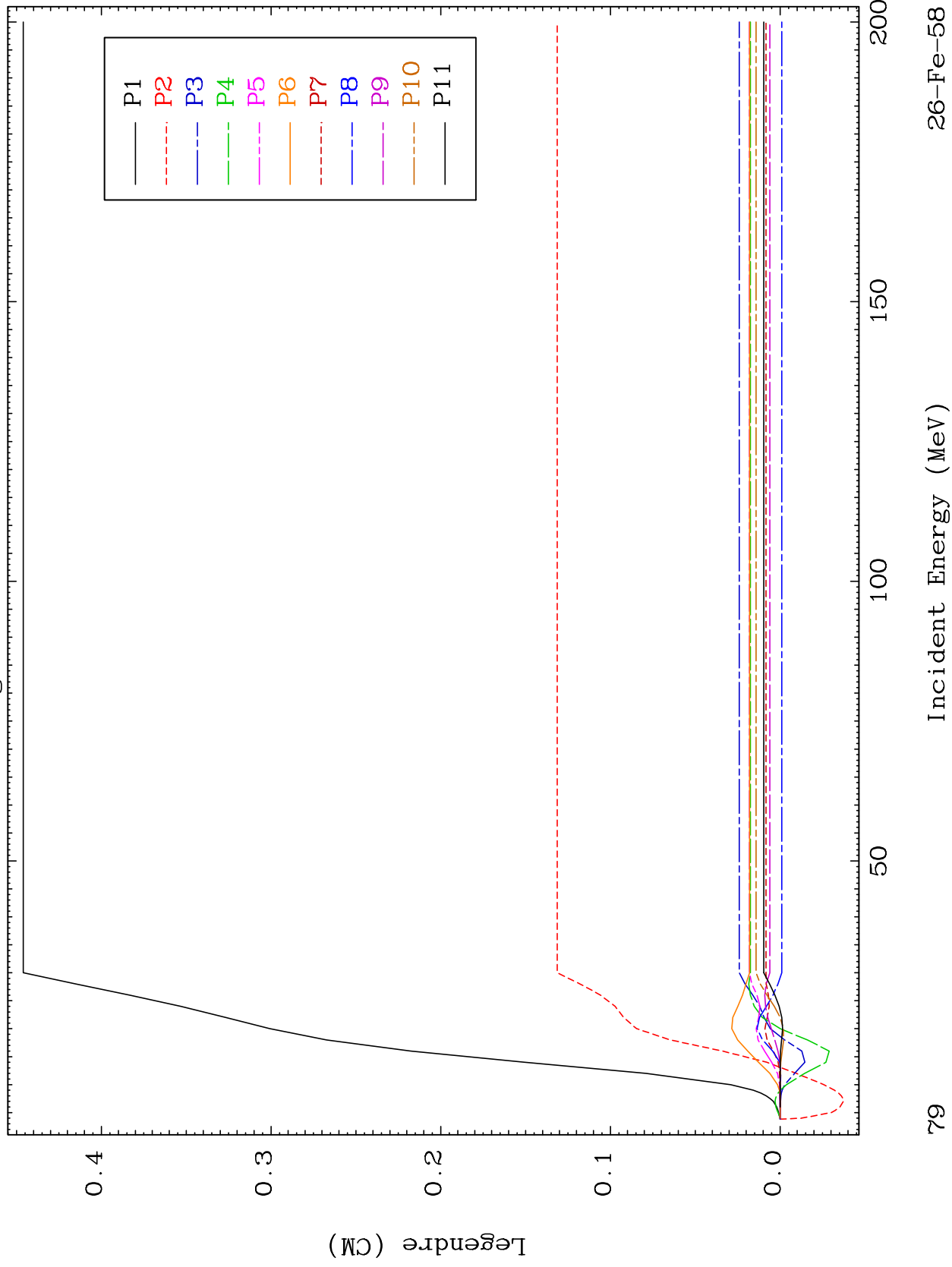
Incident Energy (MeV)

26-Fe-58

MAT 2637

3.754 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



79

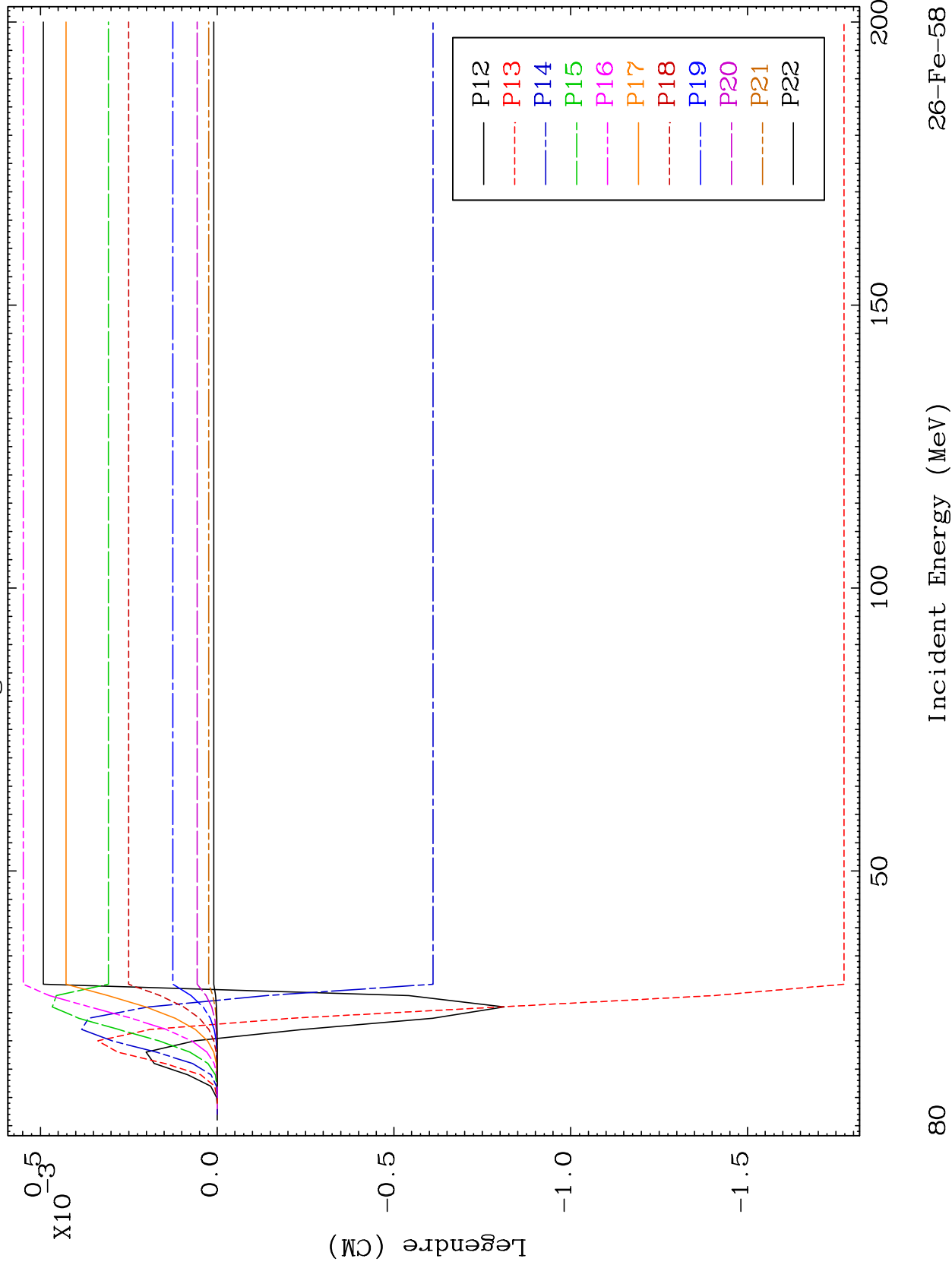
26-Fe-58



MAT 2637

3.754 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



80

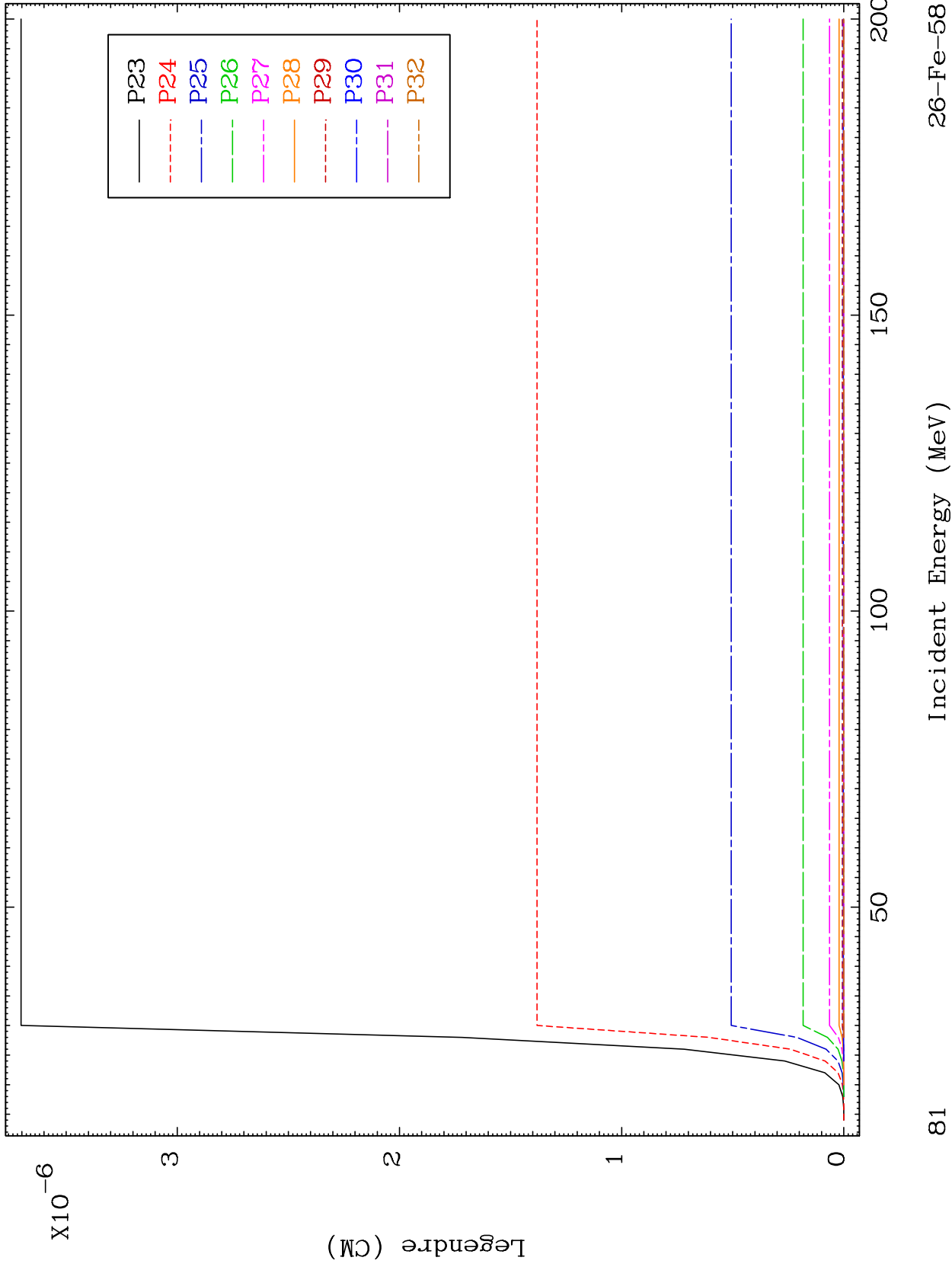
Incident Energy (MeV)

26-Fe-58

MAT 2637

3.754 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



81

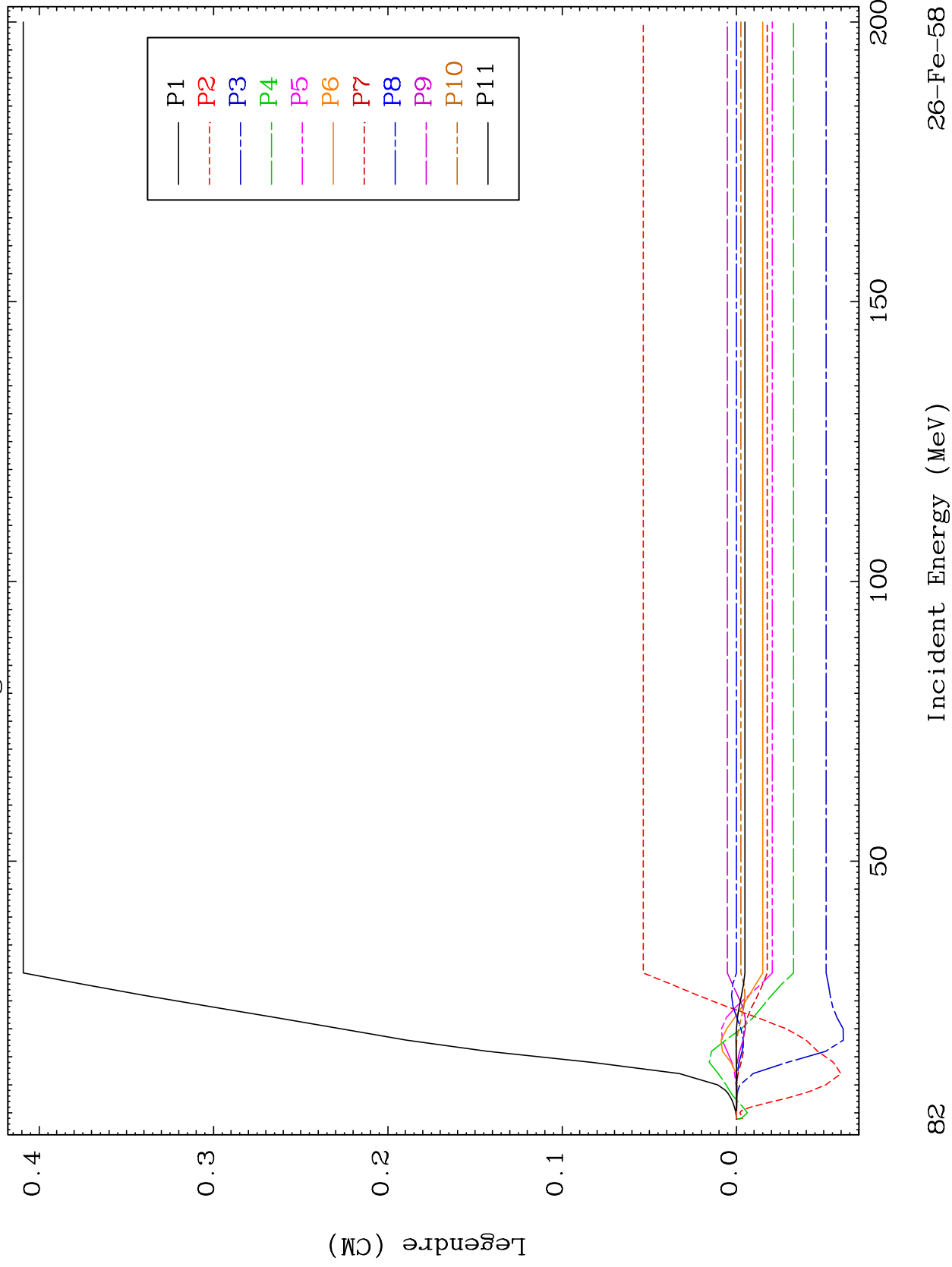
Incident Energy (MeV)

26-Fe-58

MAT 2637

3.789 MeV (n,n') Level  
Legendre Coefficients

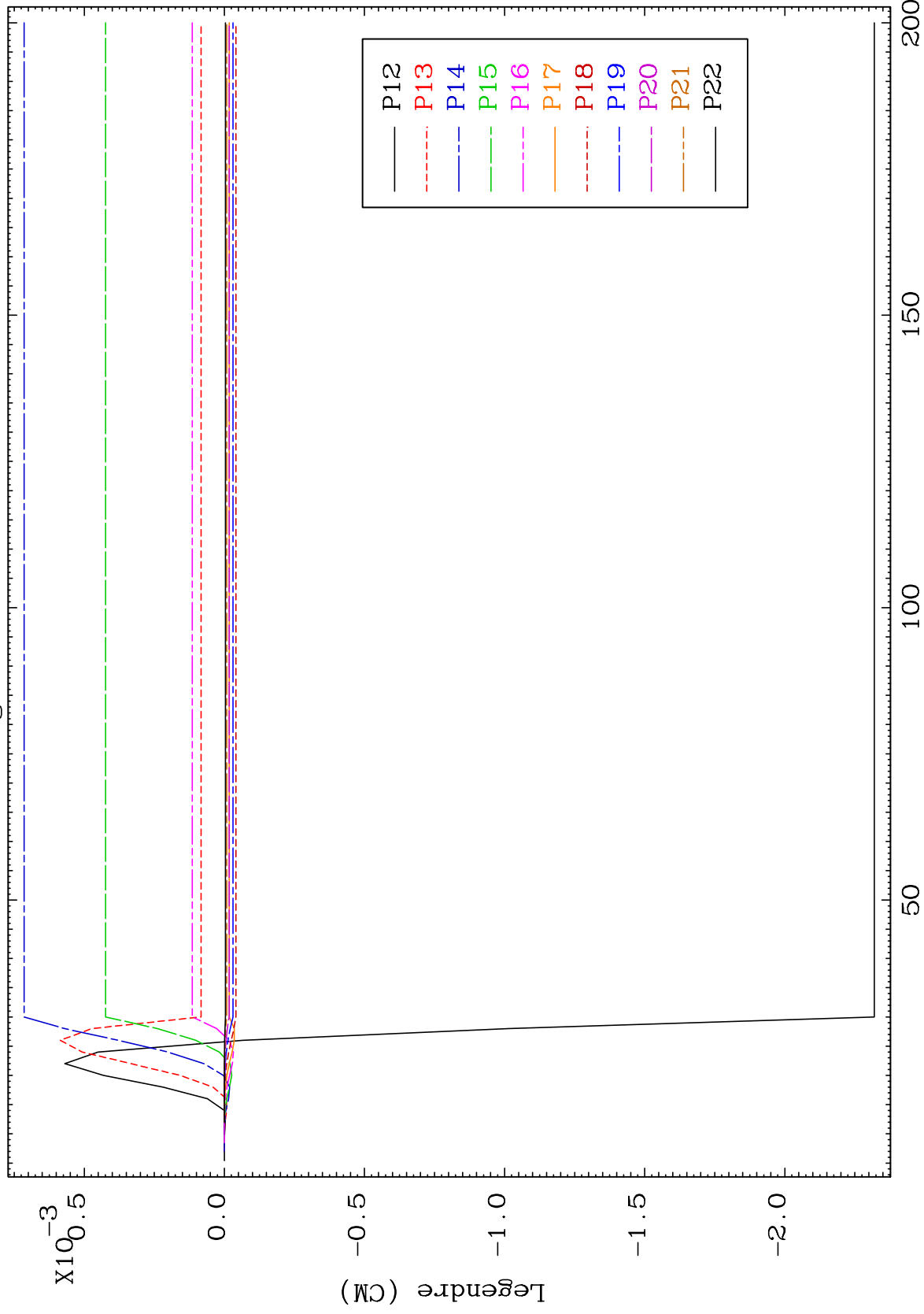
26-Fe-58



MAT 2637

3.789 MeV (n,n') Level  
Legendre Coefficients

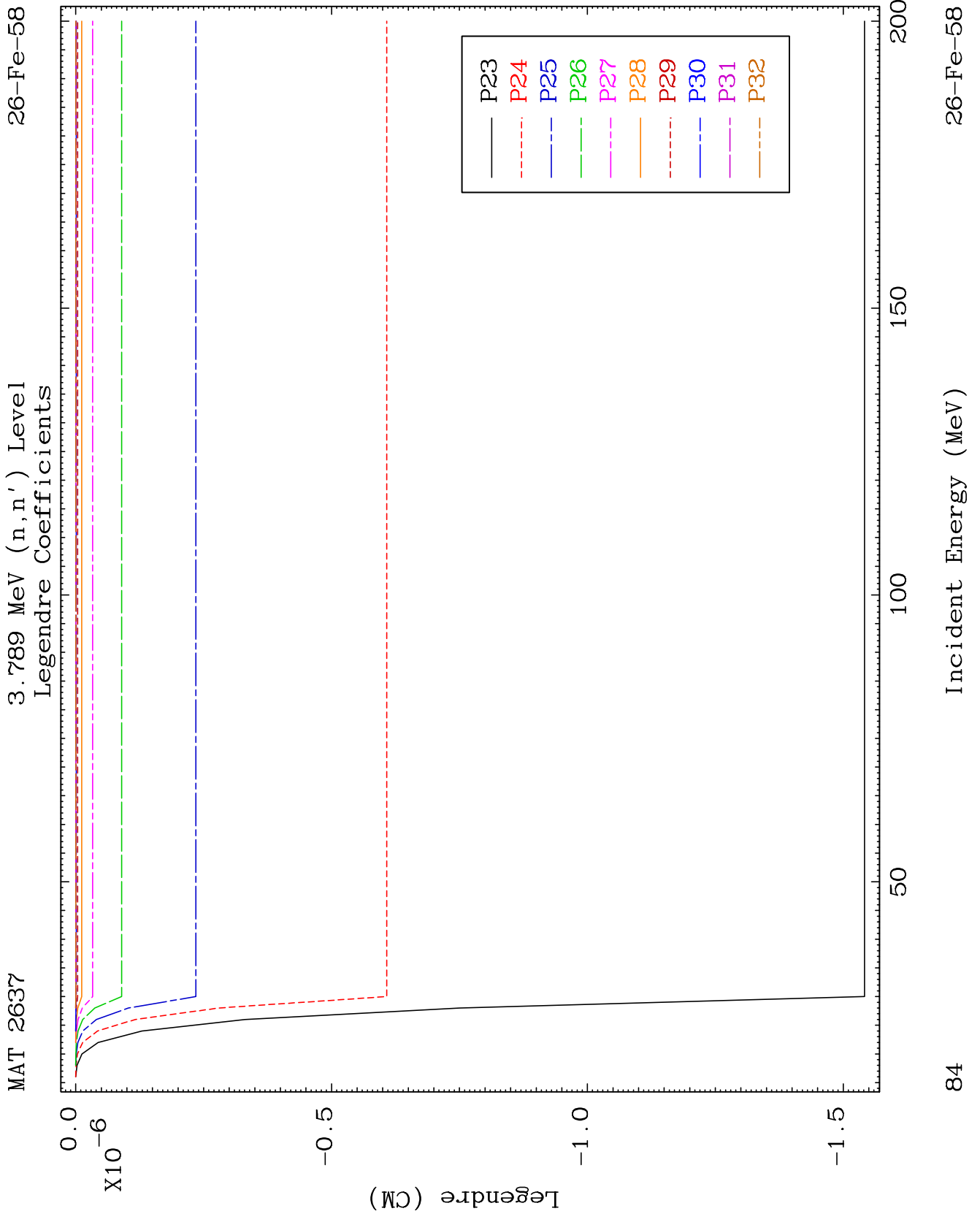
26-Fe-58

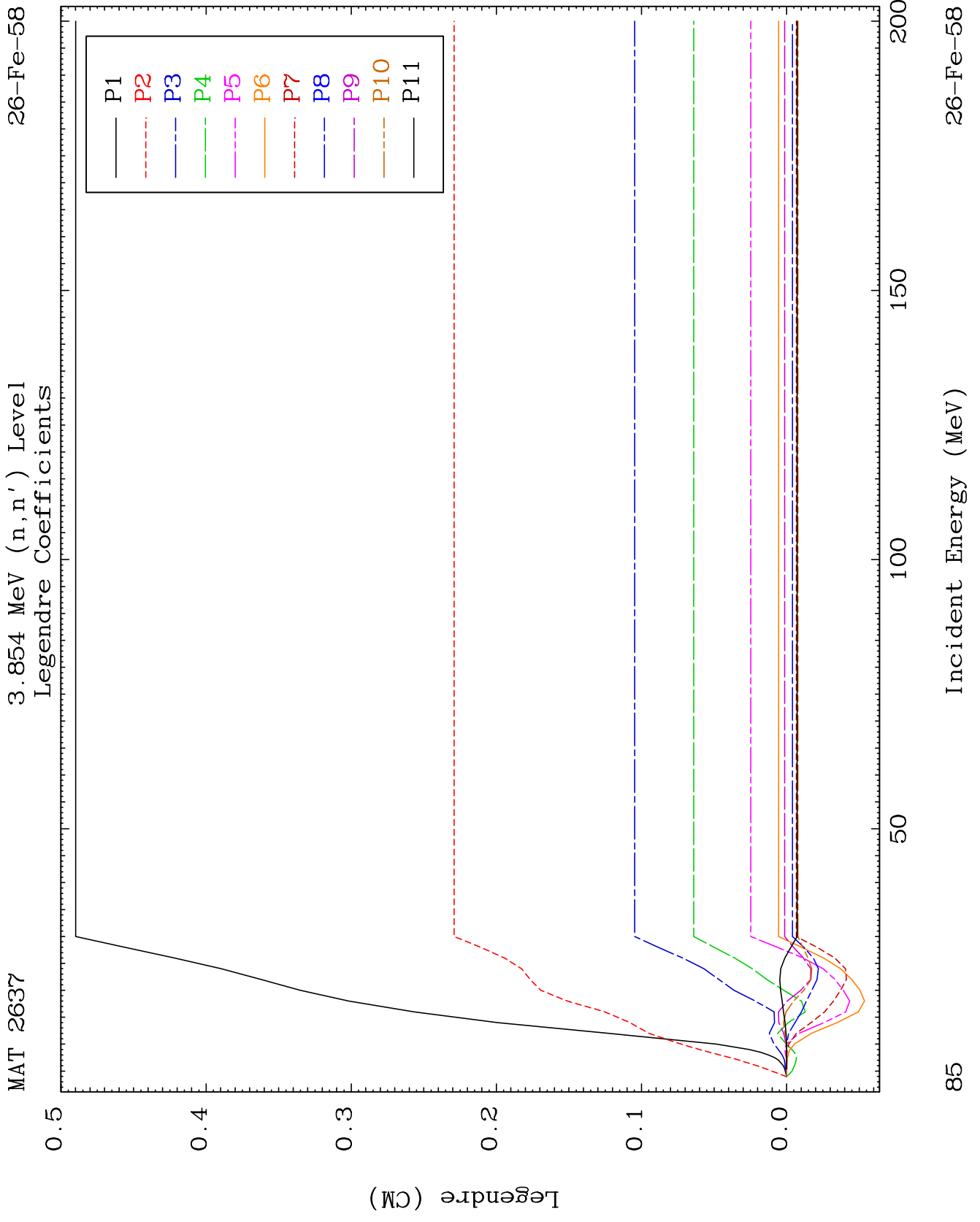


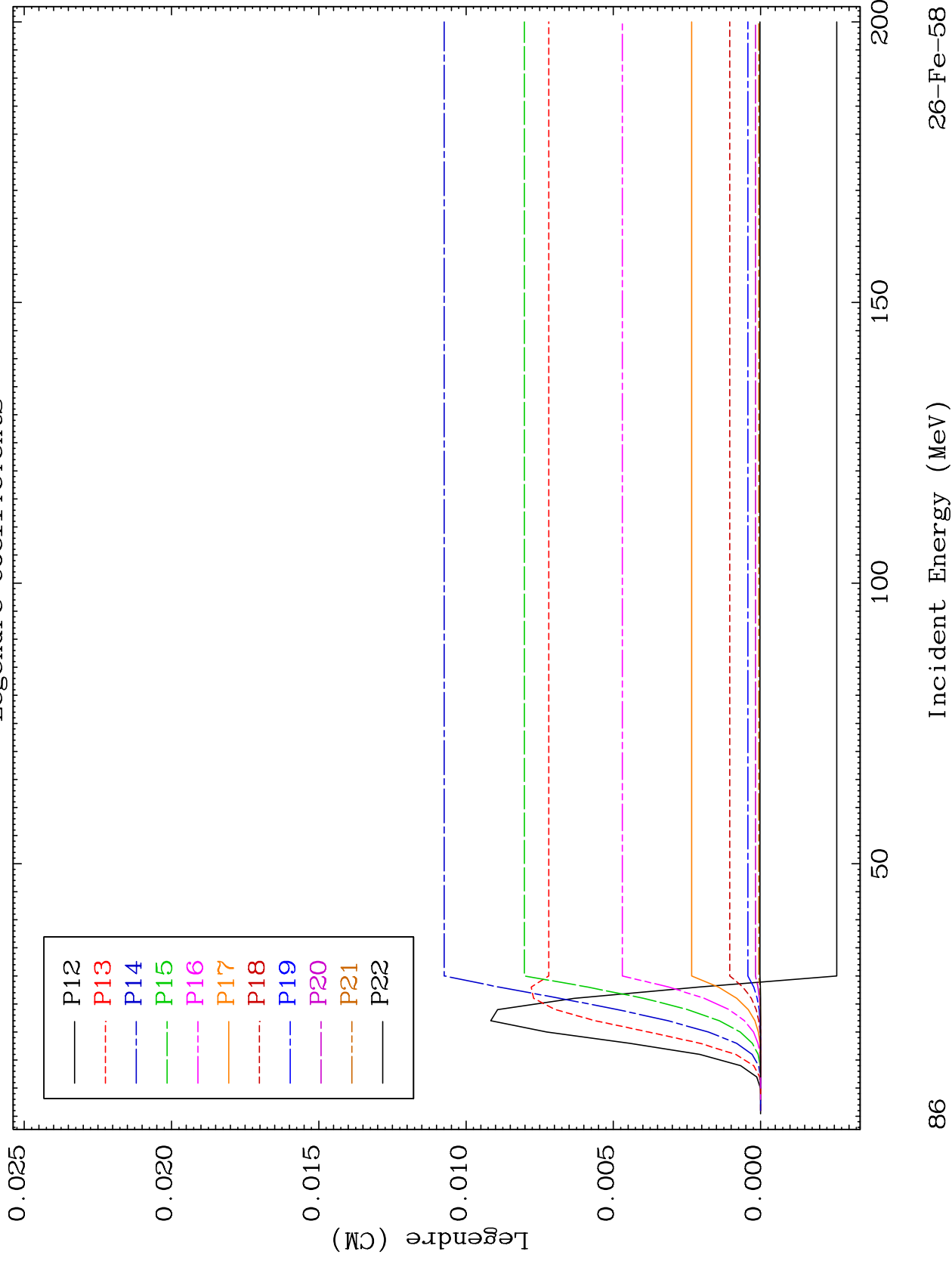
83

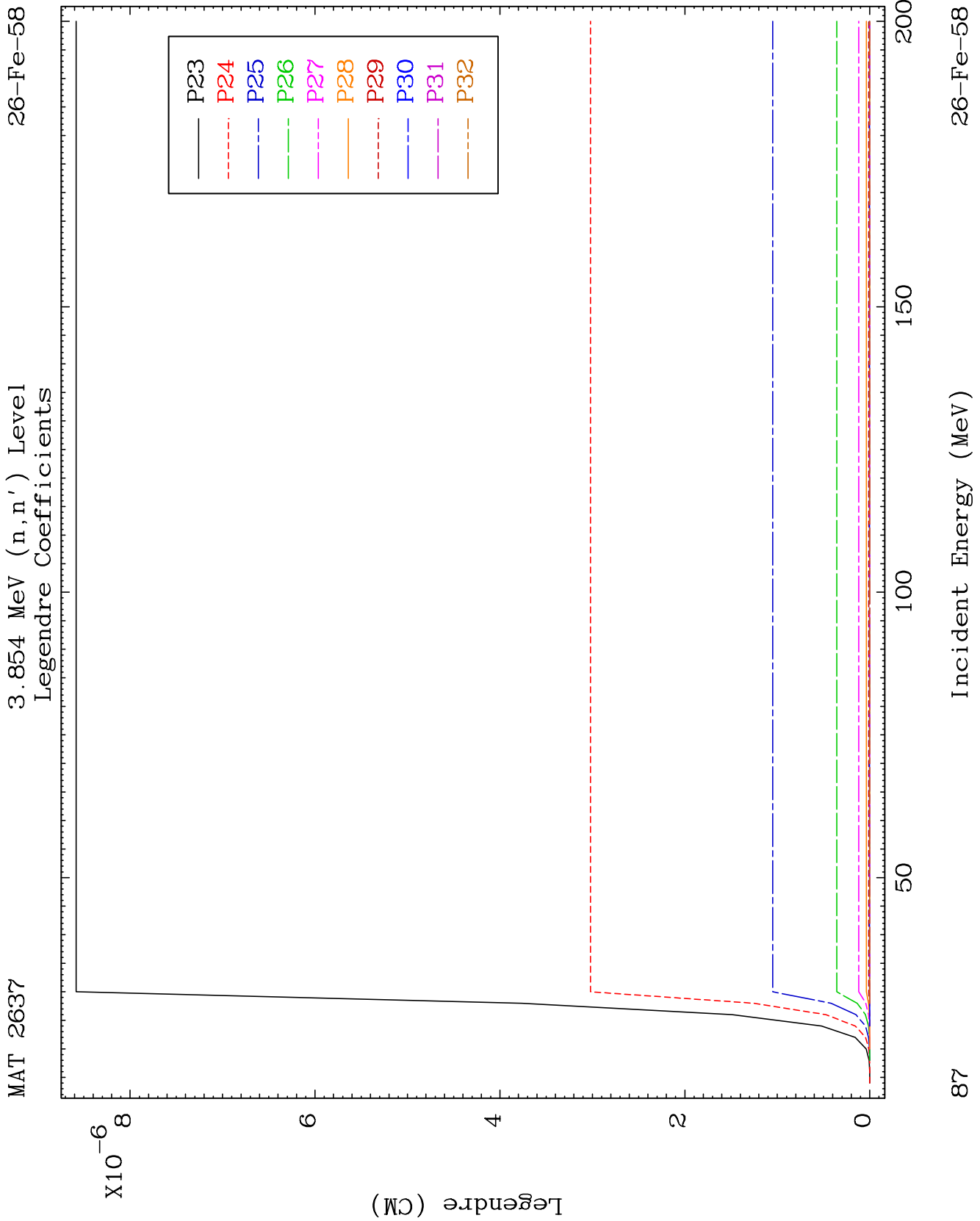
Incident Energy (MeV)

26-Fe-58







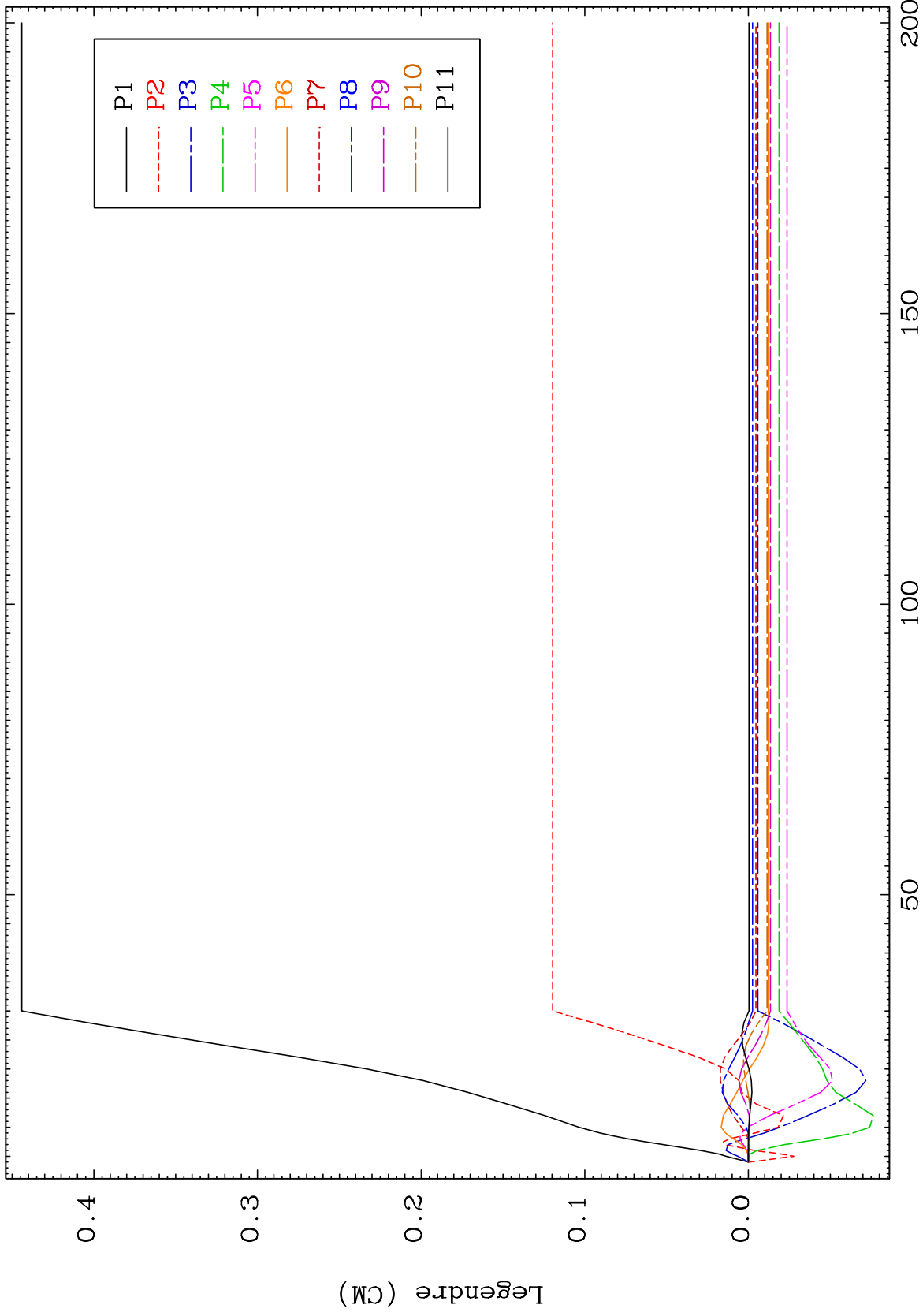




MAT 2637

3.861 MeV (n,n') Level  
Legendre Coefficients

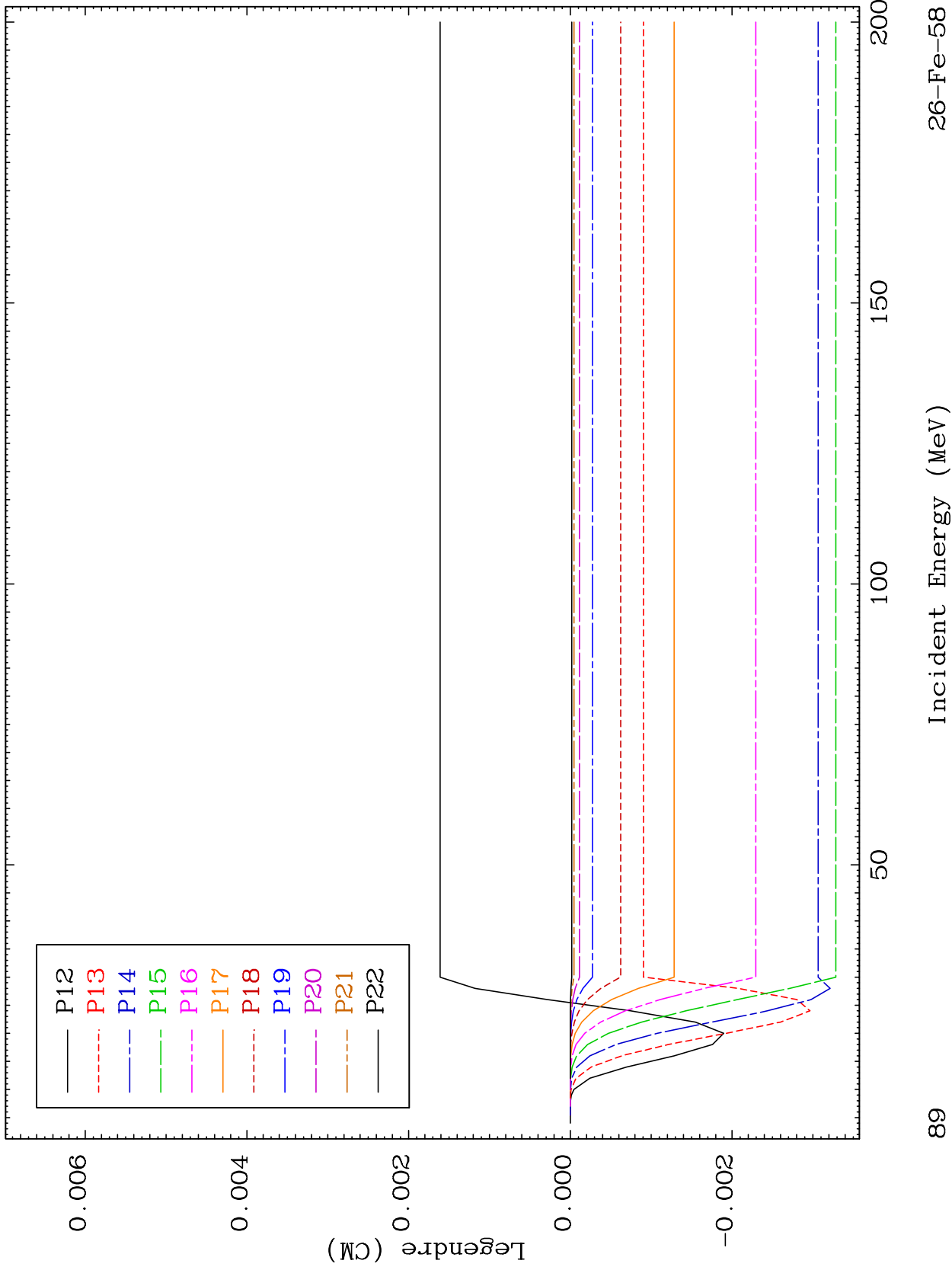
26-Fe-58

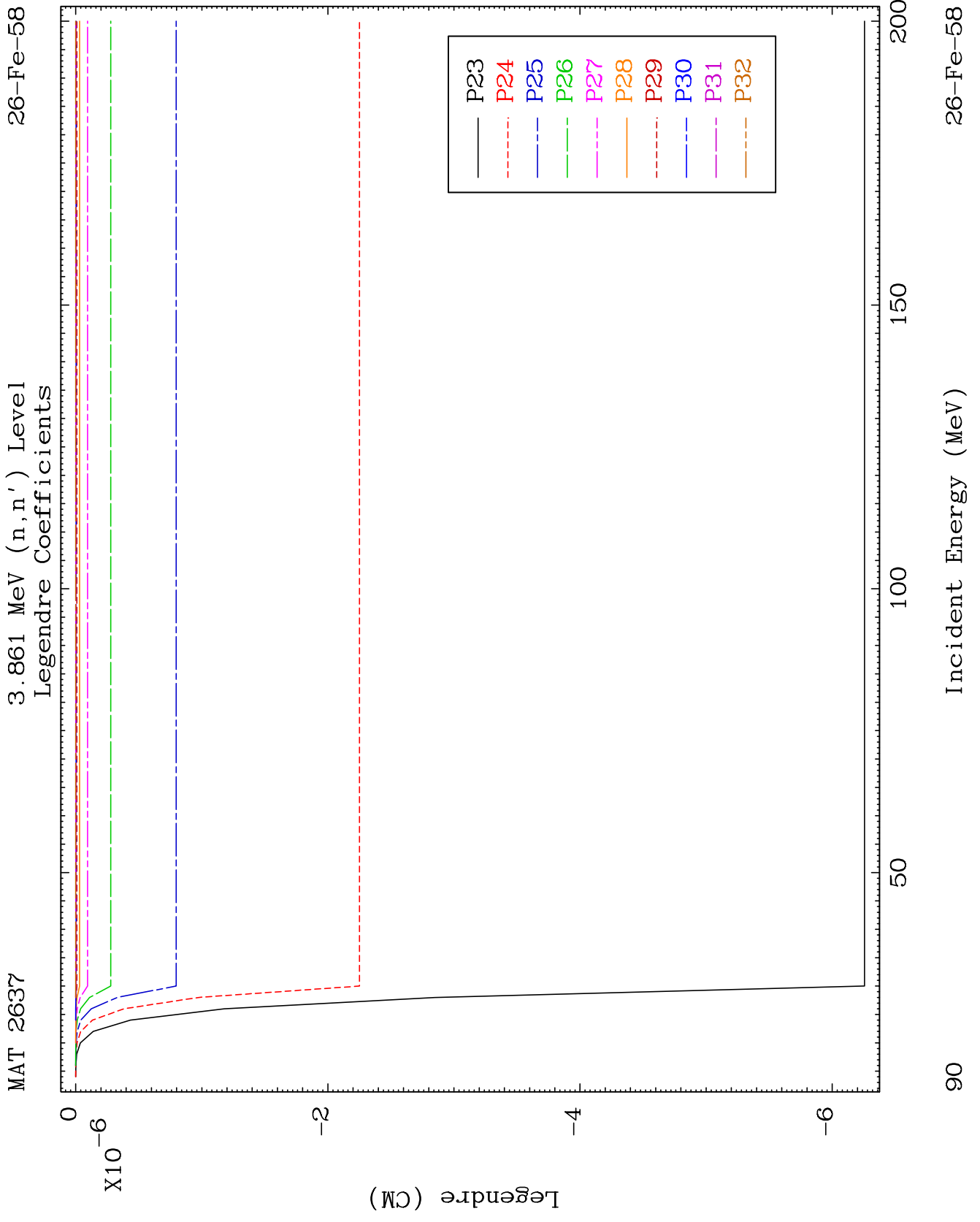


88

Incident Energy (MeV)

26-Fe-58



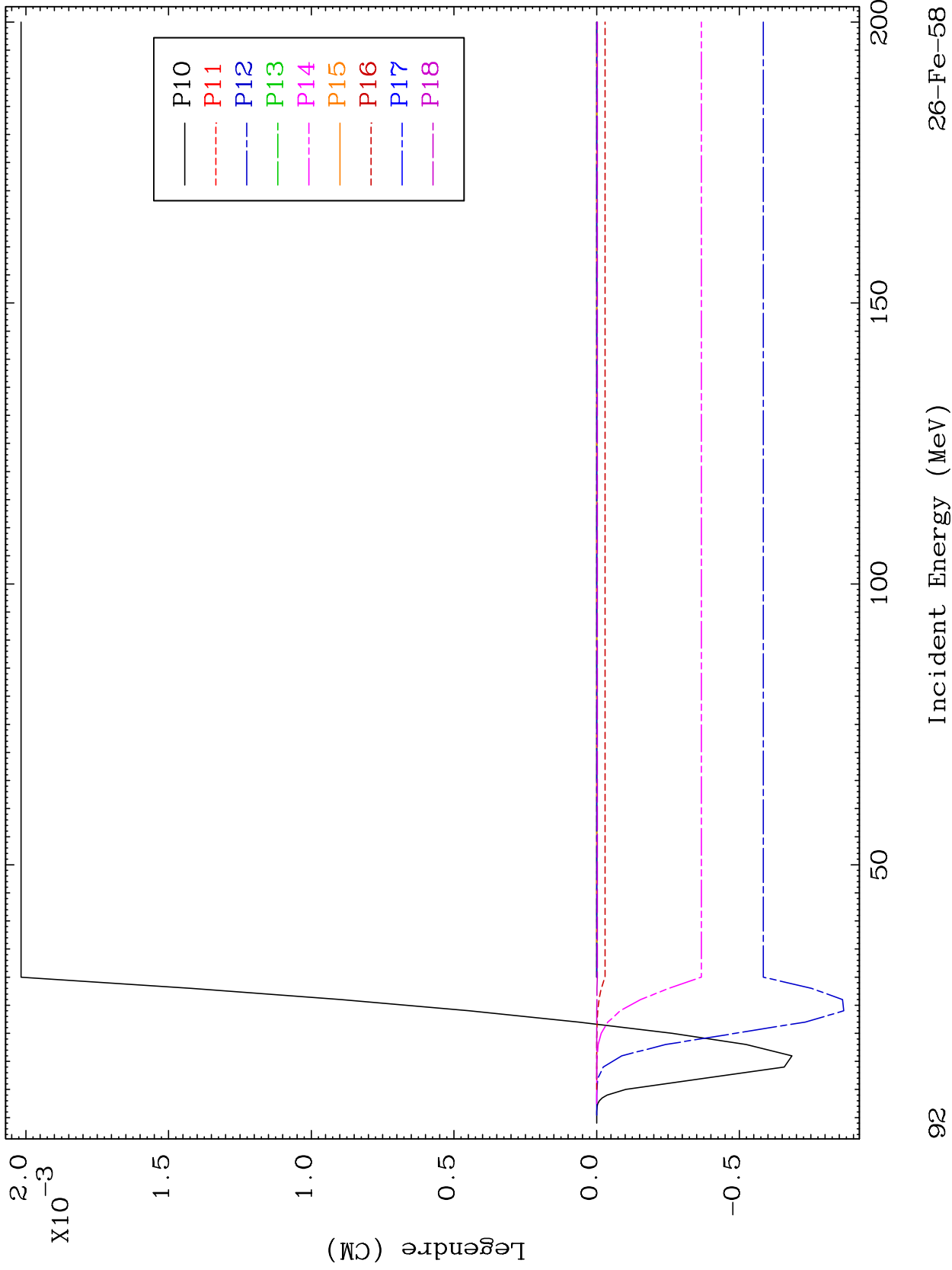




MAT 2637

3.880 MeV (n,n') Level  
Legendre Coefficients

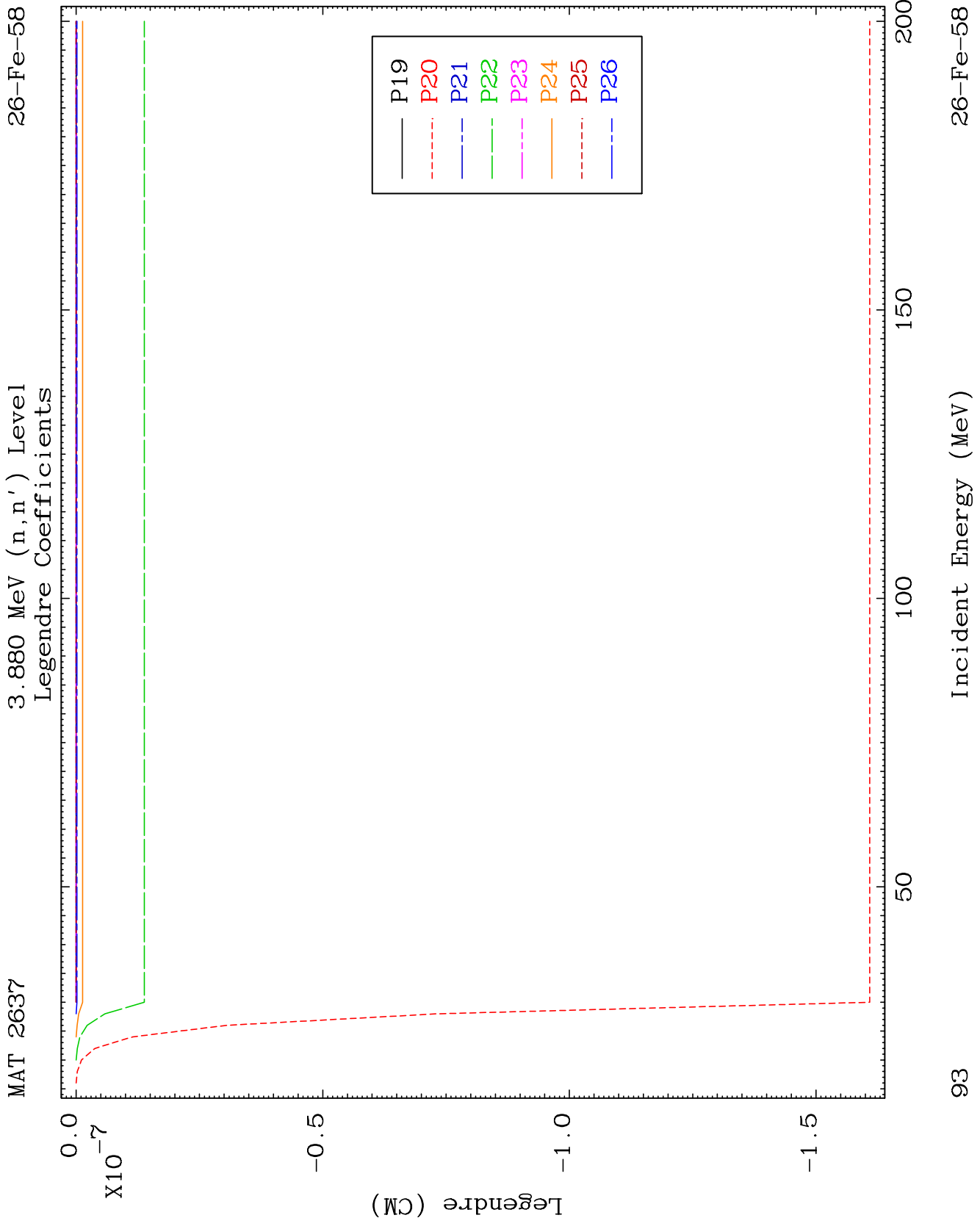
26-Fe-58

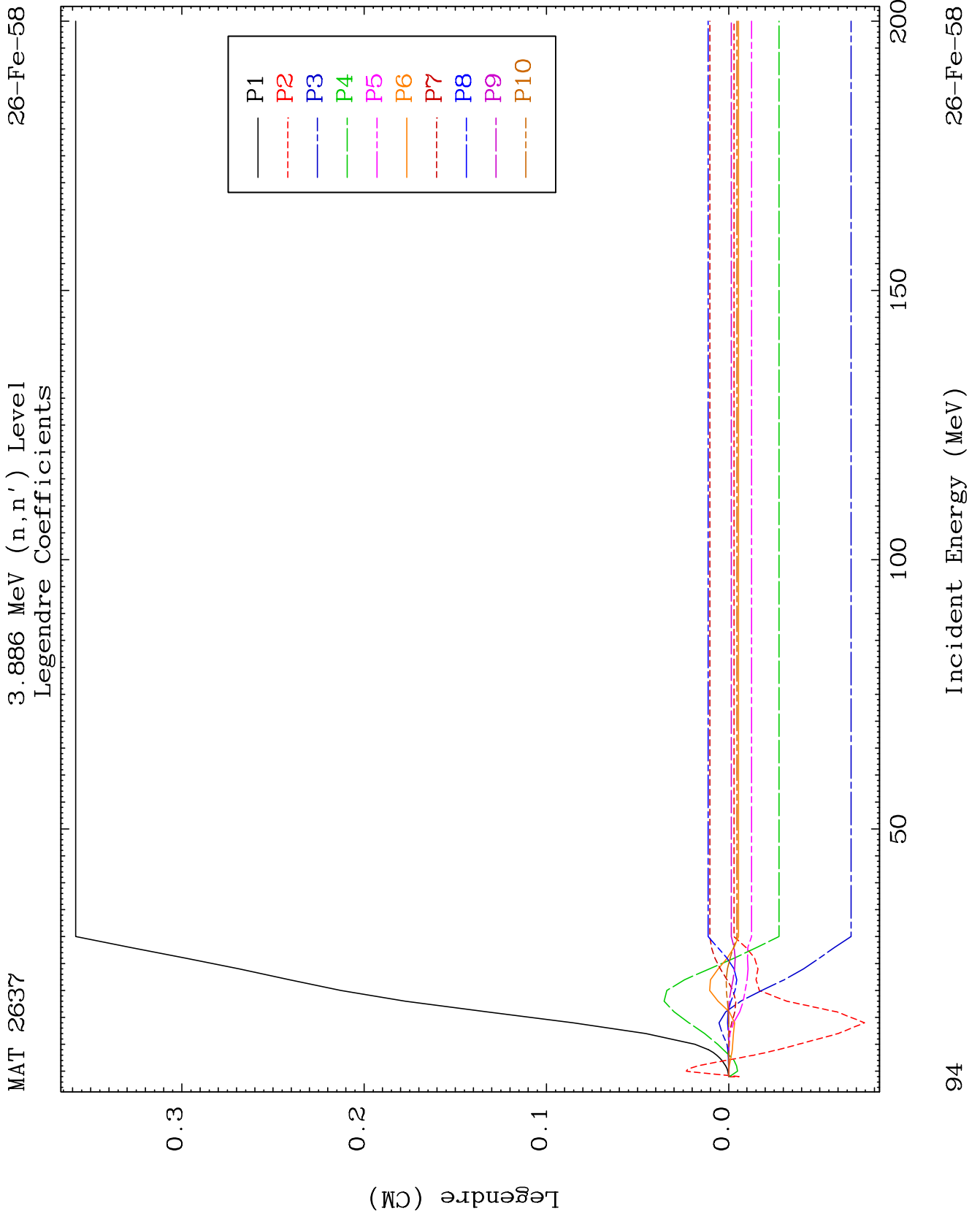


92

Incident Energy (MeV)

26-Fe-58

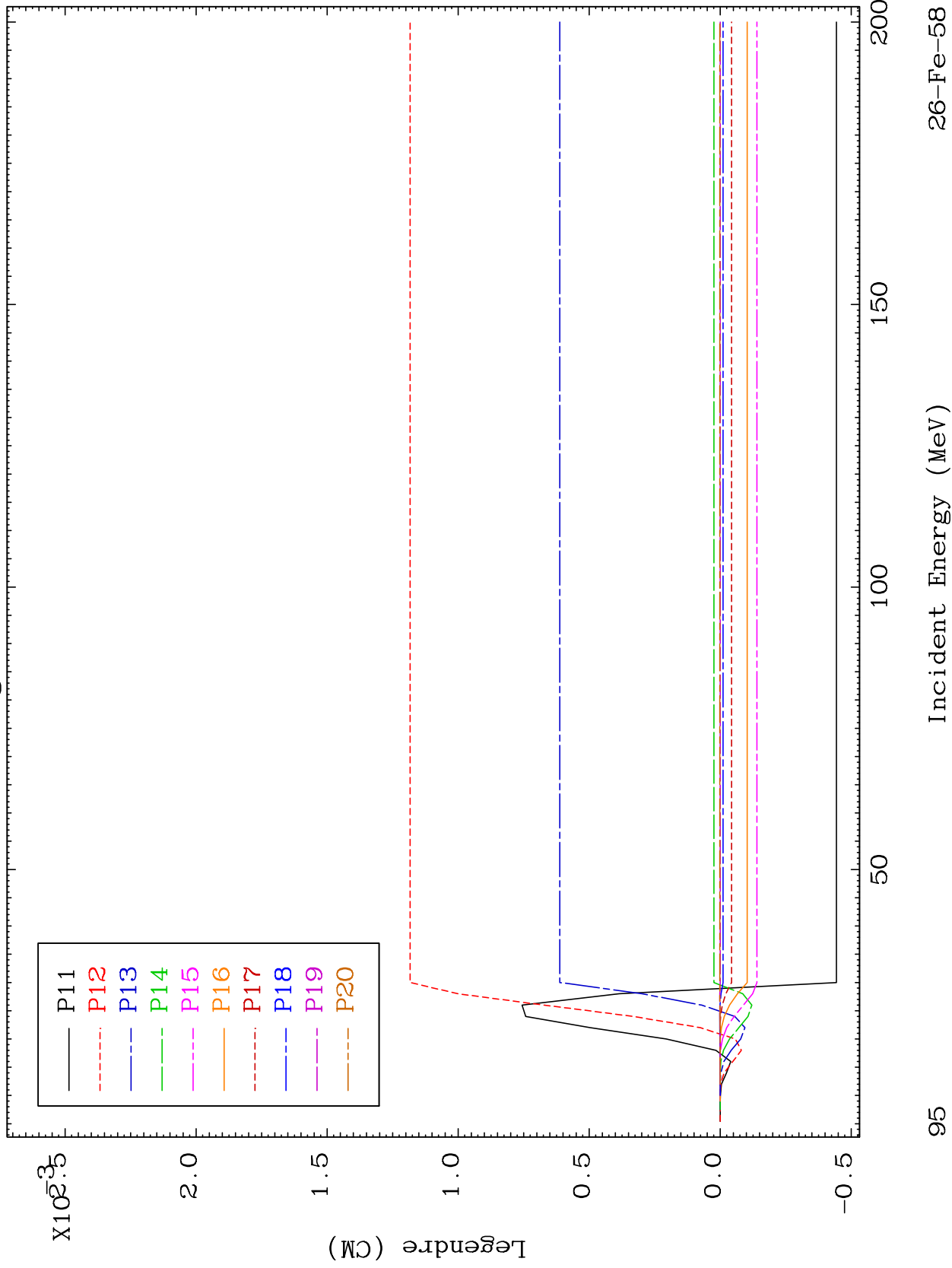




MAT 2637

3.886 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



95

Incident Energy (MeV)

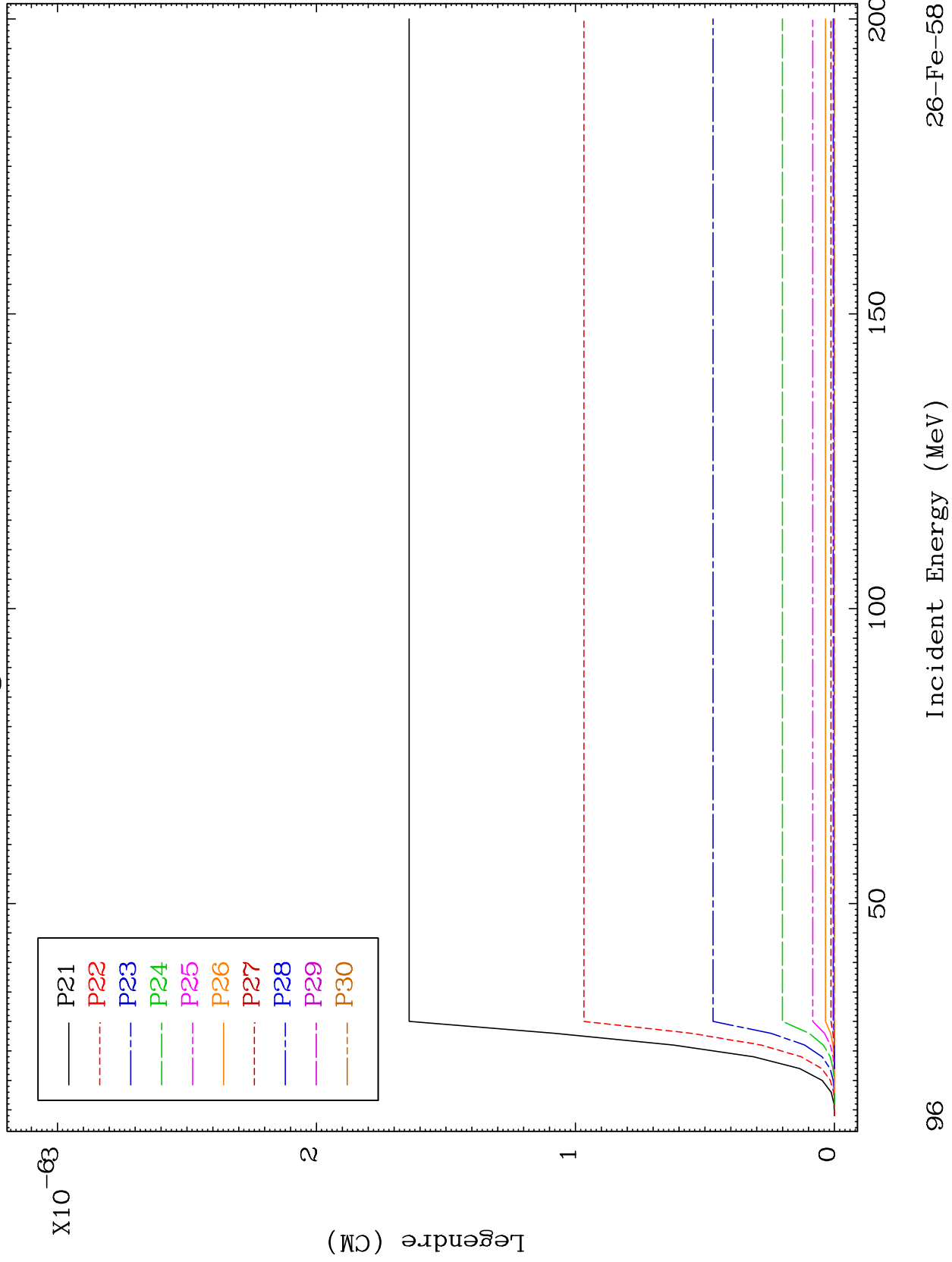
26-Fe-58



MAT 2637

3.886 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58

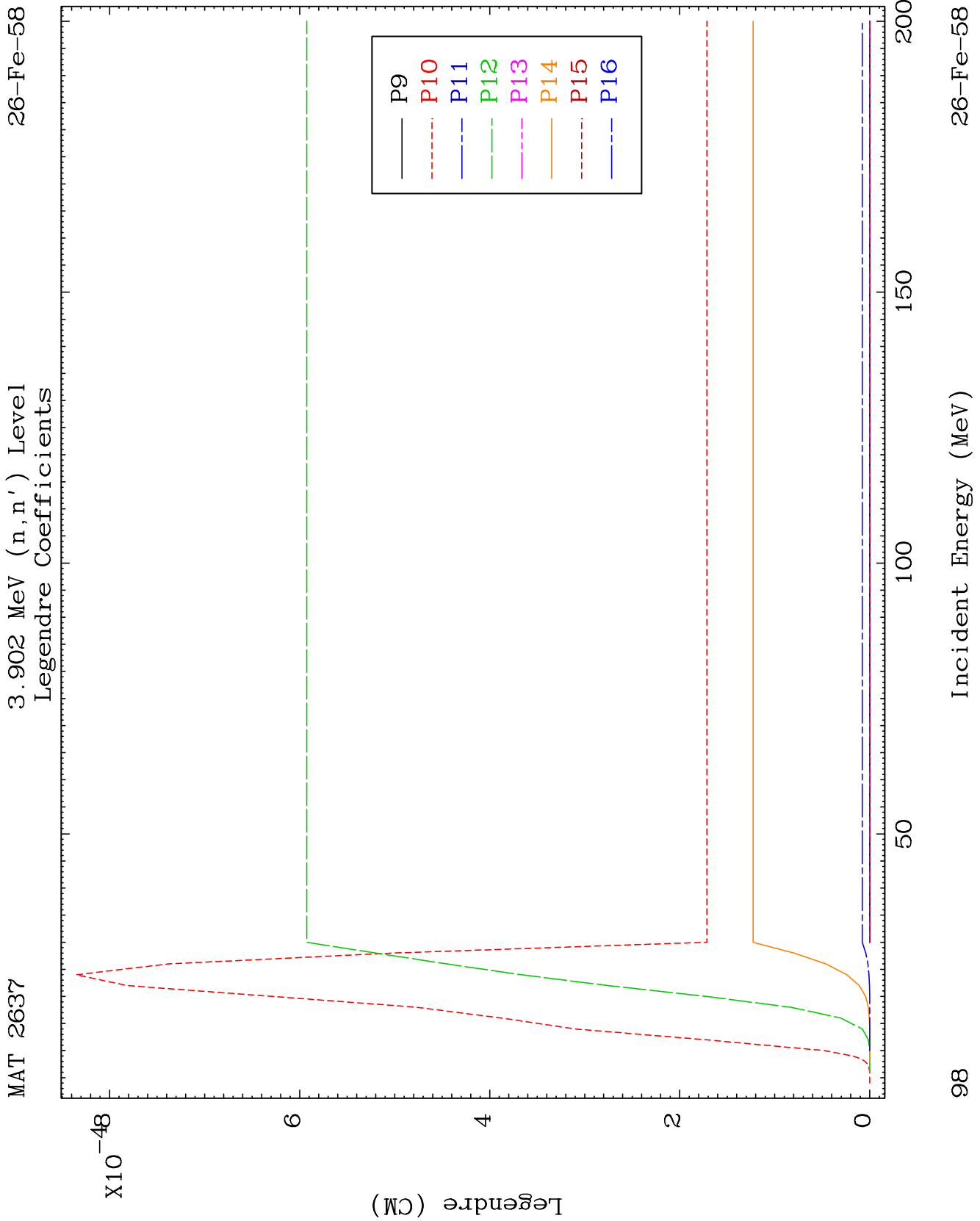


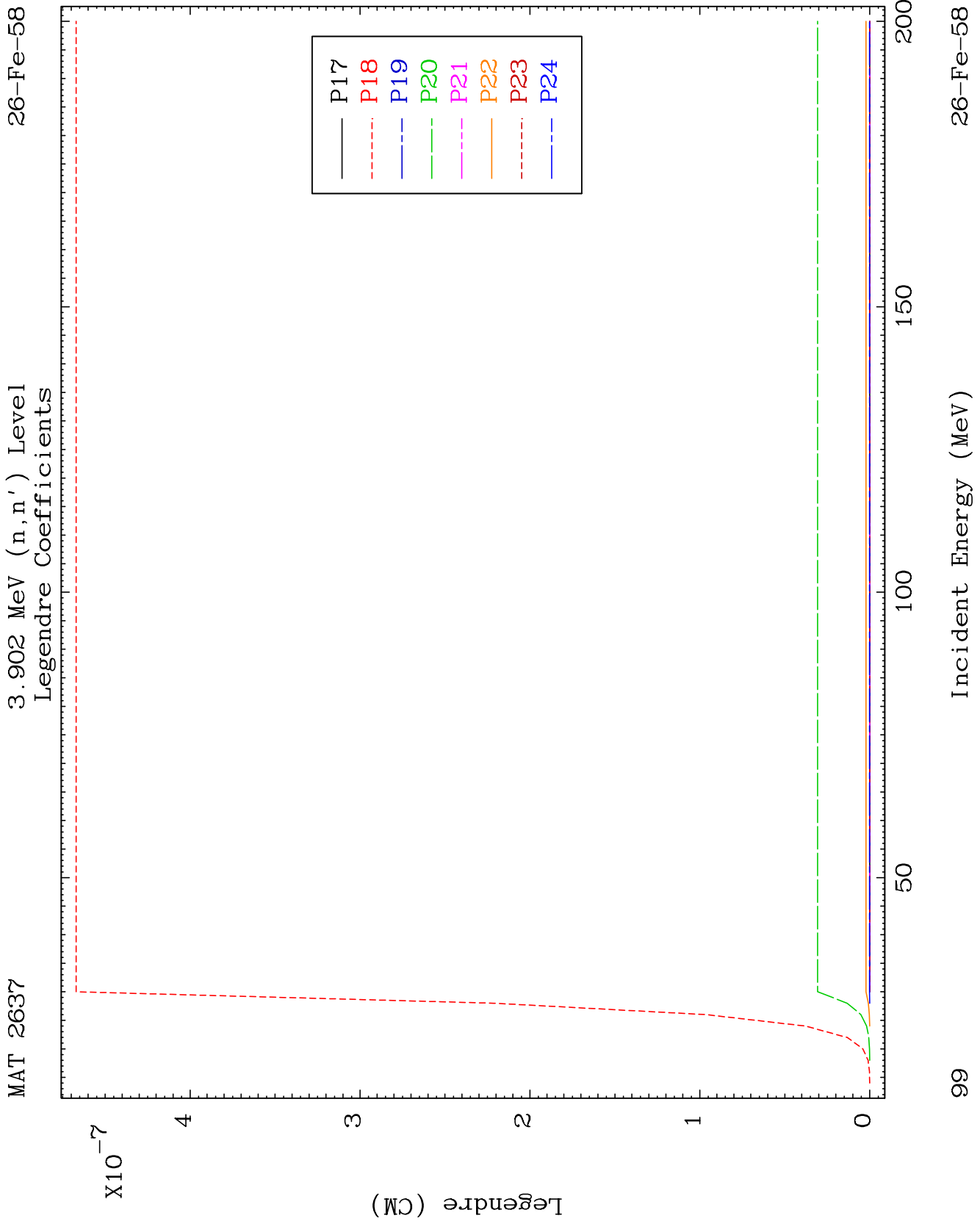
96

Incident Energy (MeV)

26-Fe-58



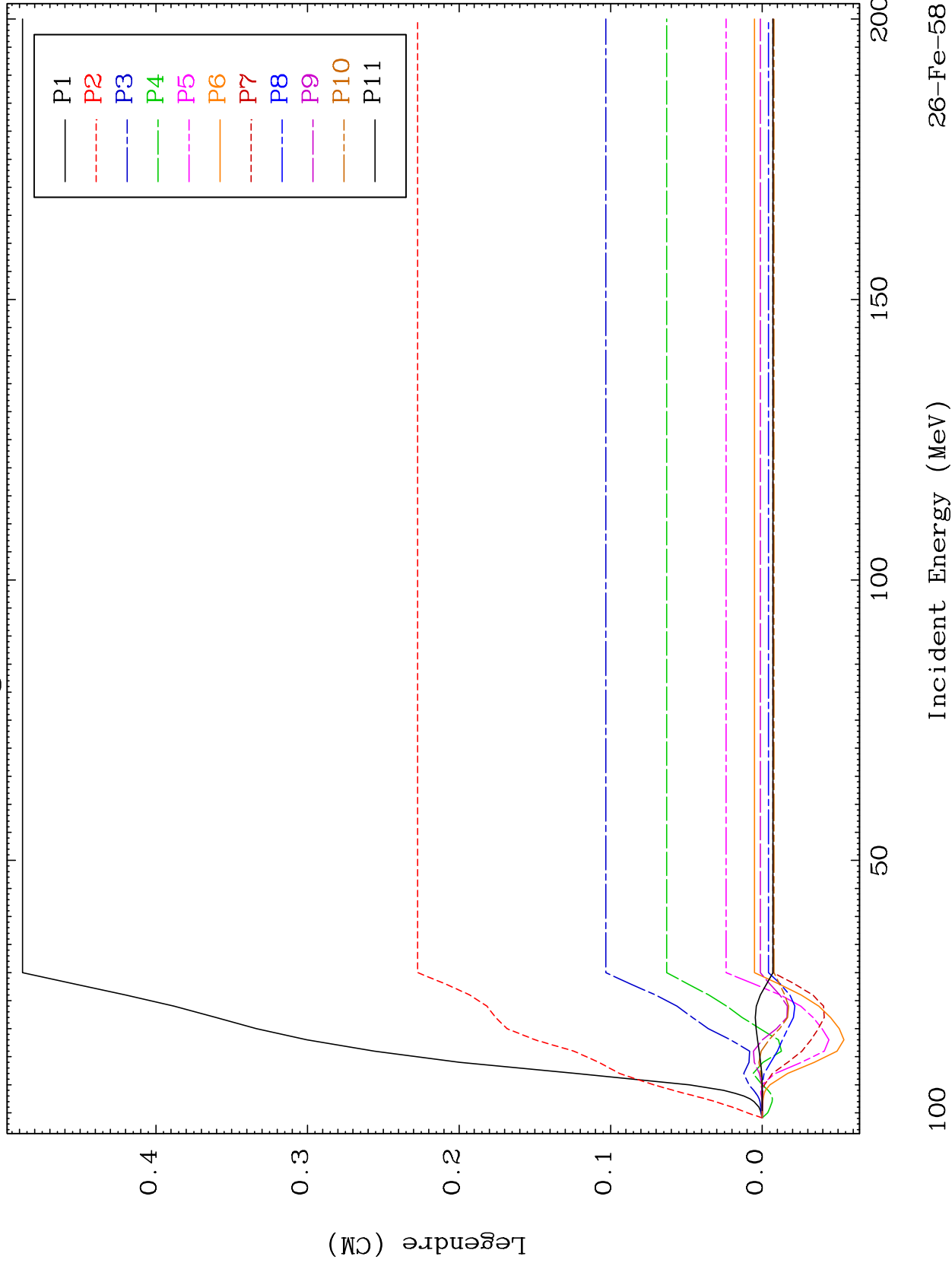




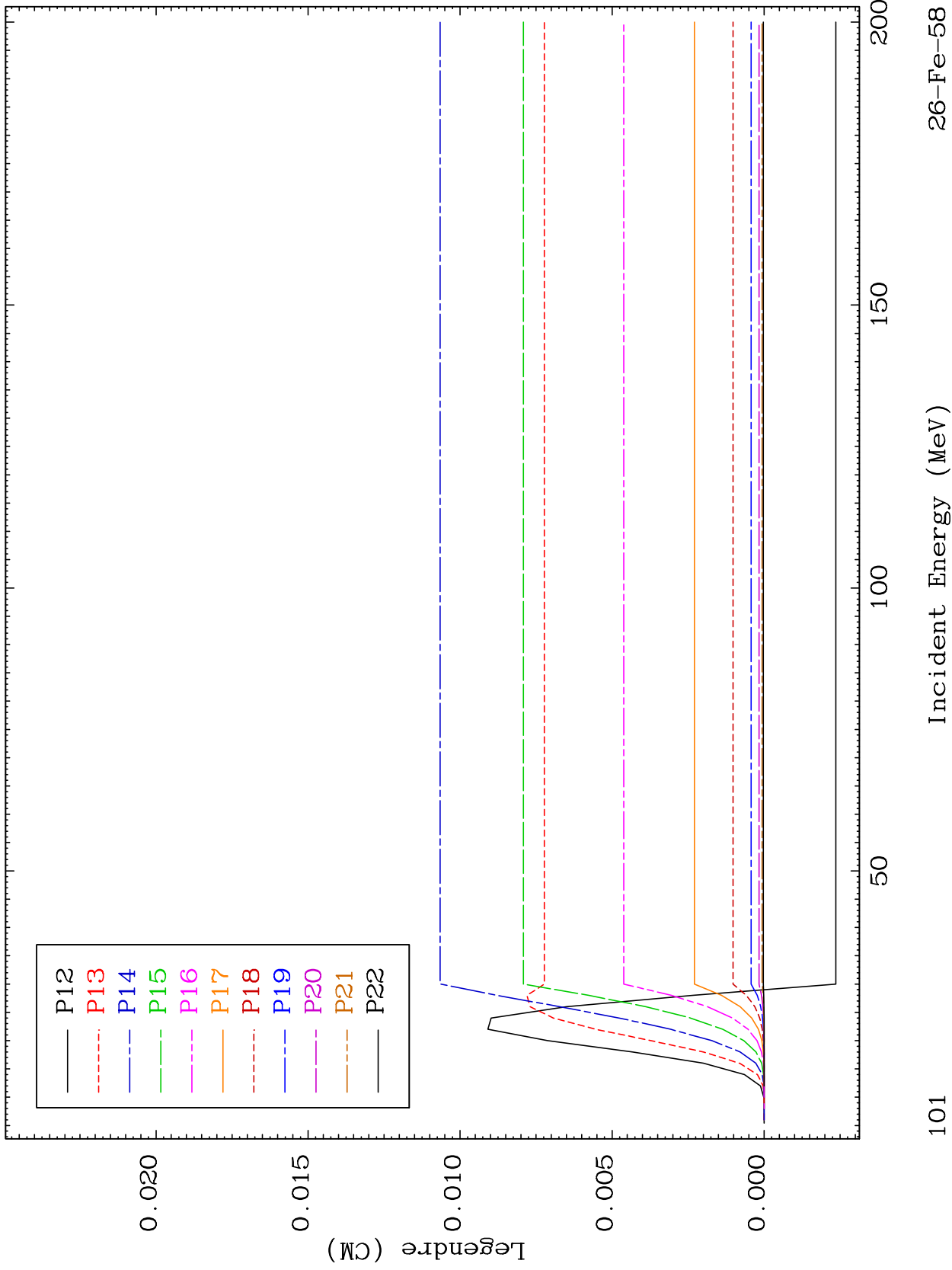
MAT 2637

4.011 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



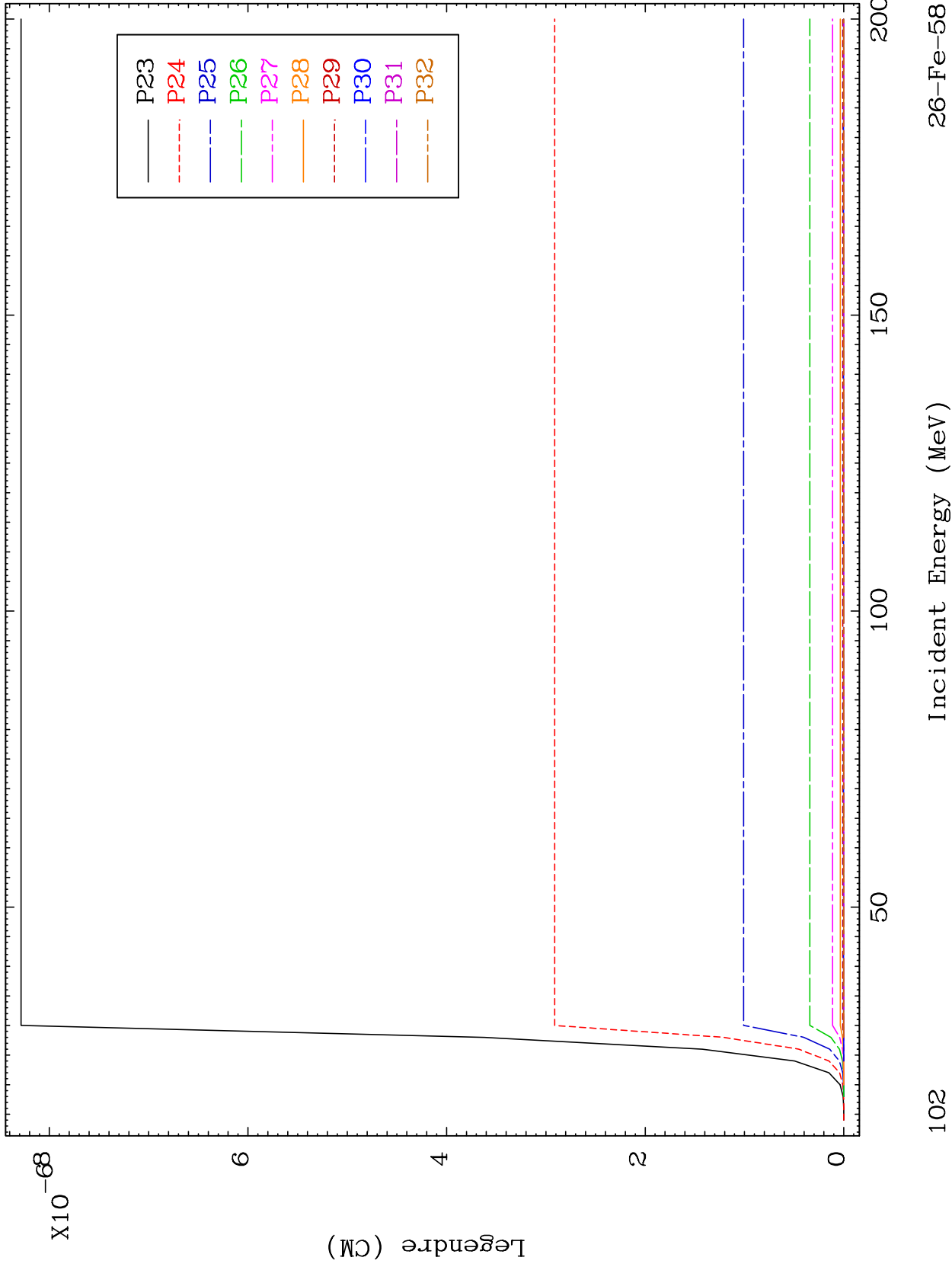
26-Fe-58



MAT 2637

4.011 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



102

Incident Energy (MeV)

150

200

26-Fe-58

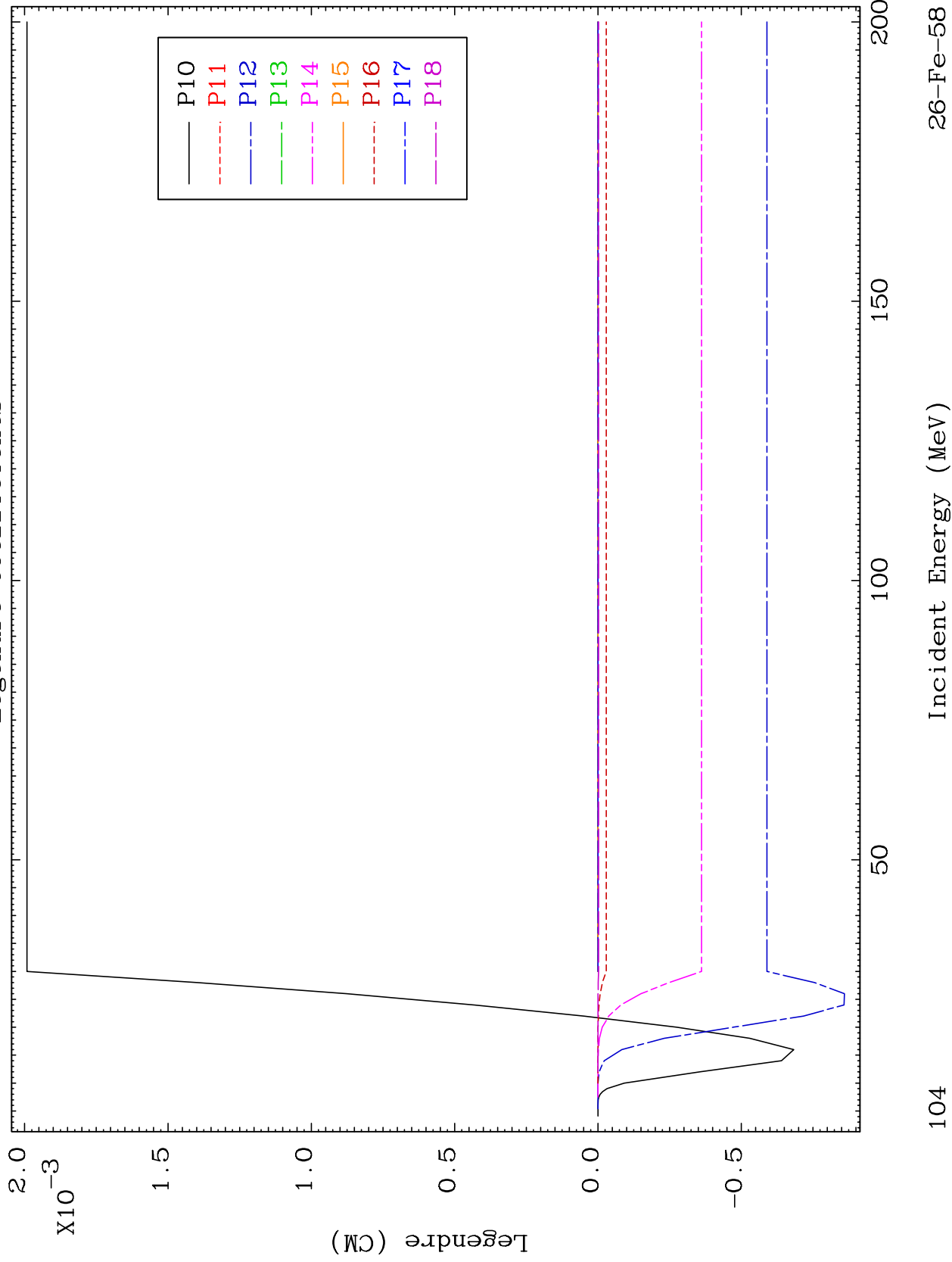




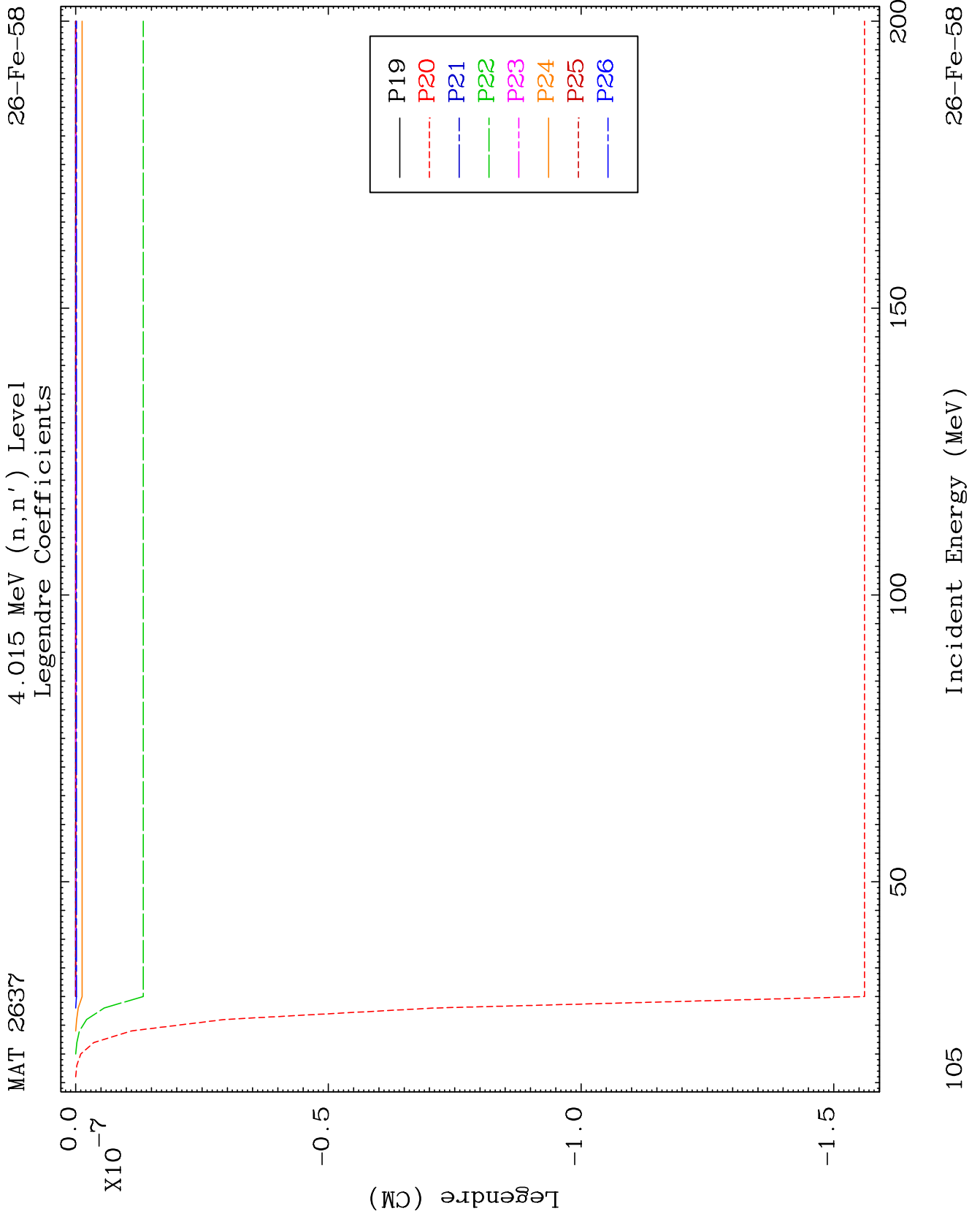
MAT 2637

4.015 MeV (n,n') Level  
Legendre Coefficients

26-Fe-58



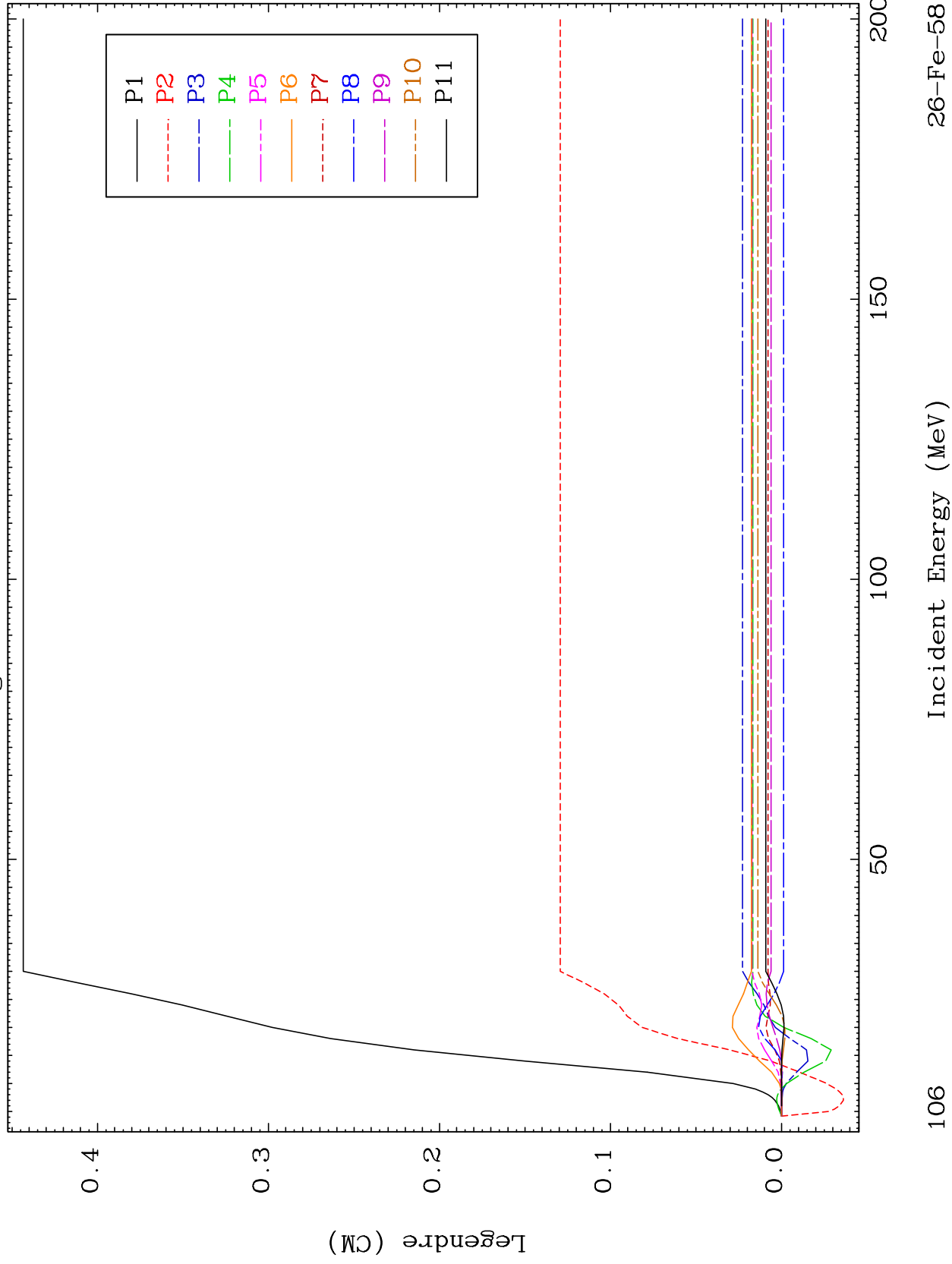
104



MAT 2637

4.088 MeV (n,n') Level  
Legendre Coefficients

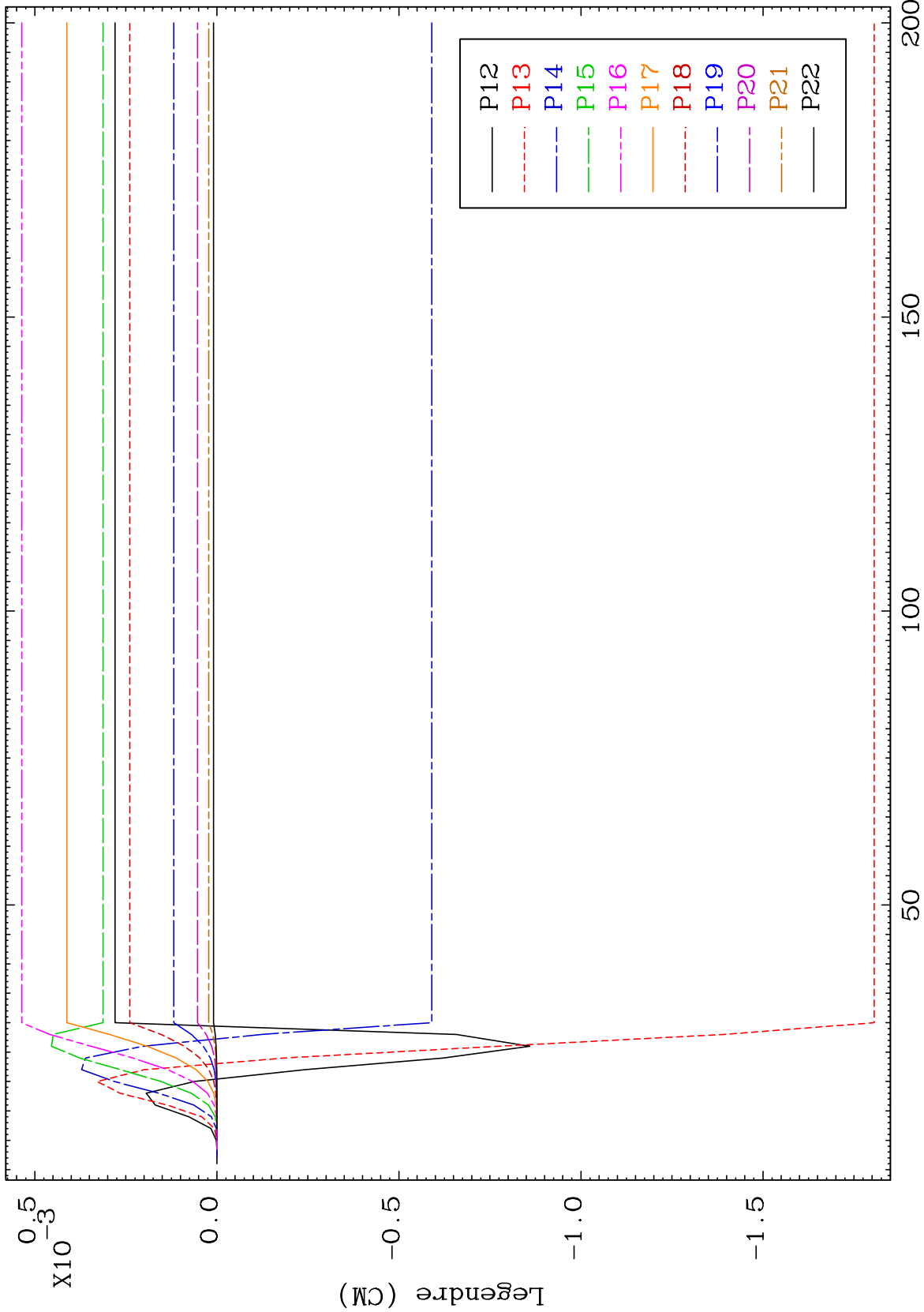
26-Fe-58



26-Fe-58

Incident Energy (MeV)

106

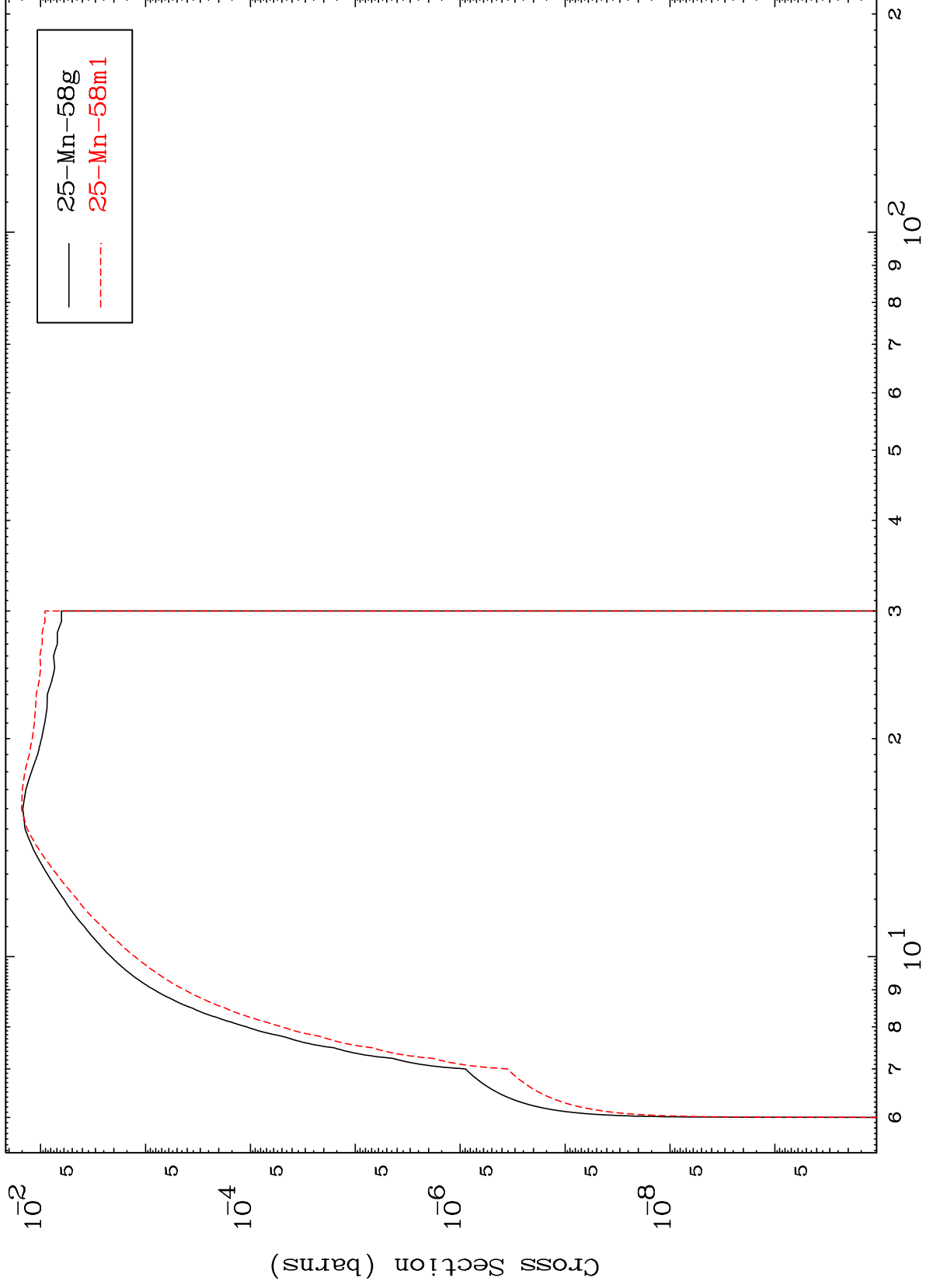




MAT 2637

26-Fe-58

(n,p)  
Radionuclide Production Cross Section



— 25-Mn-58g  
- - - 25-Mn-58m1

26-Fe-58

Incident Energy (MeV)

109