

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

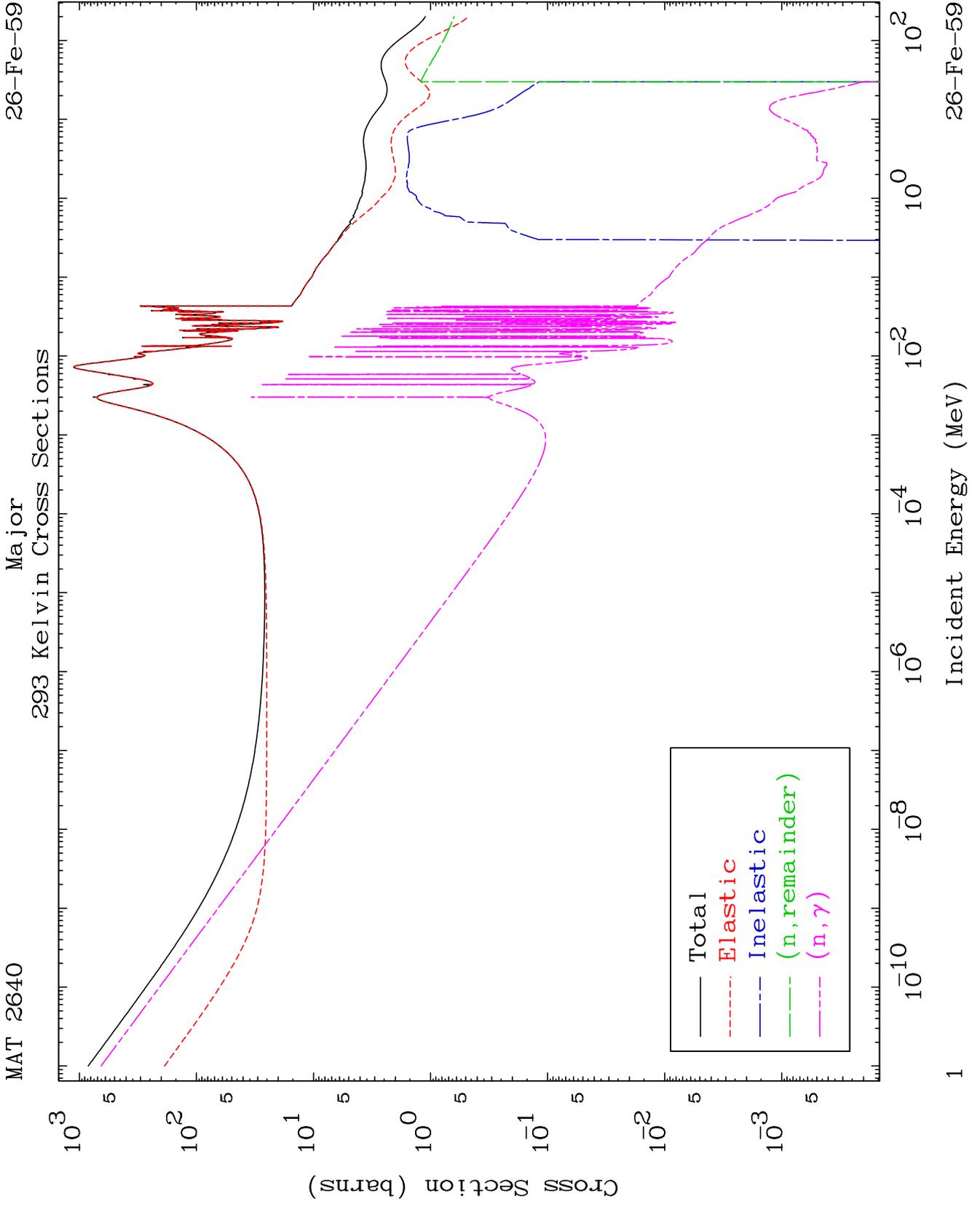
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

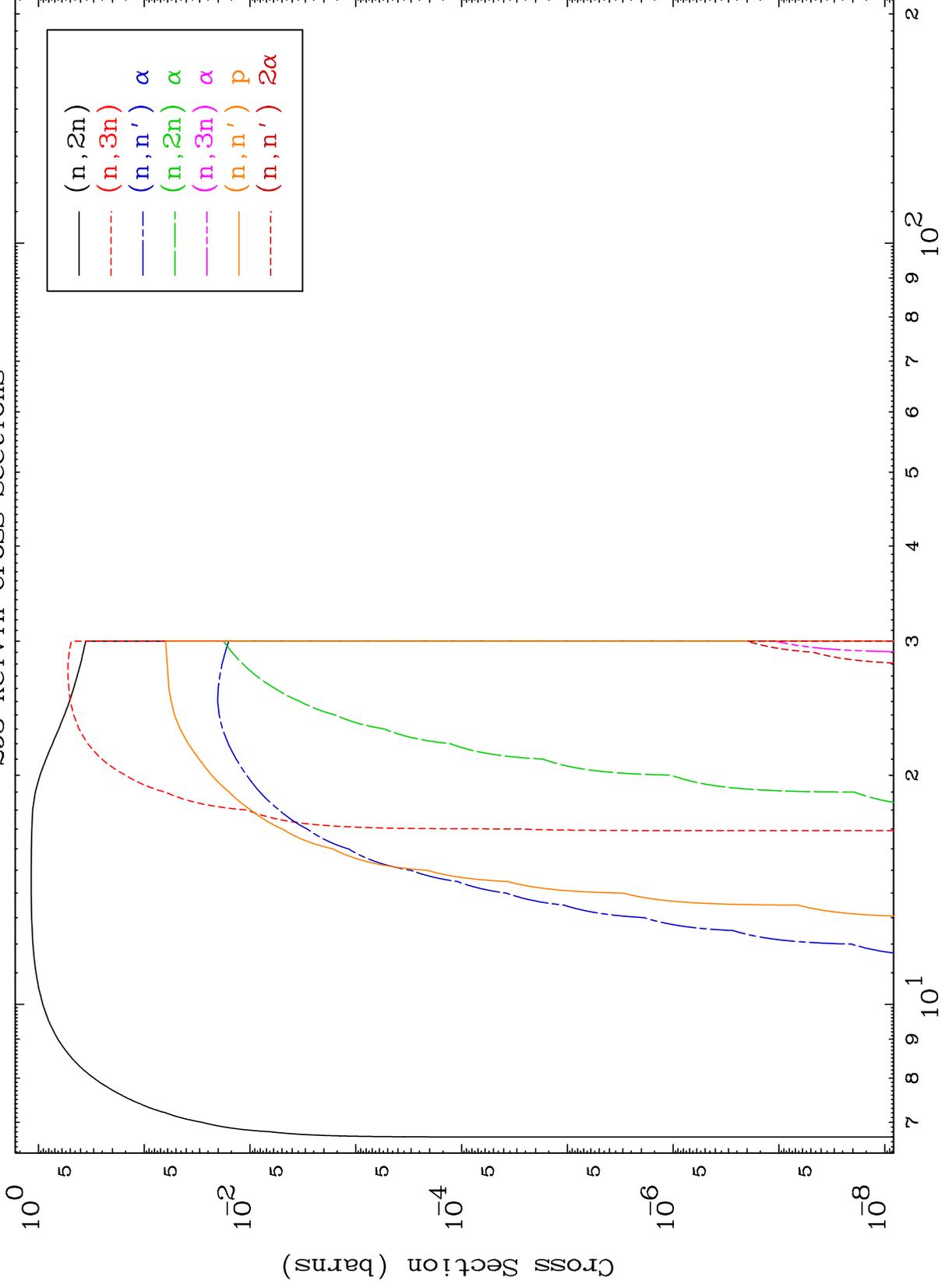
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MAT 2640

Neutron Production
293 Kelvin Cross Sections

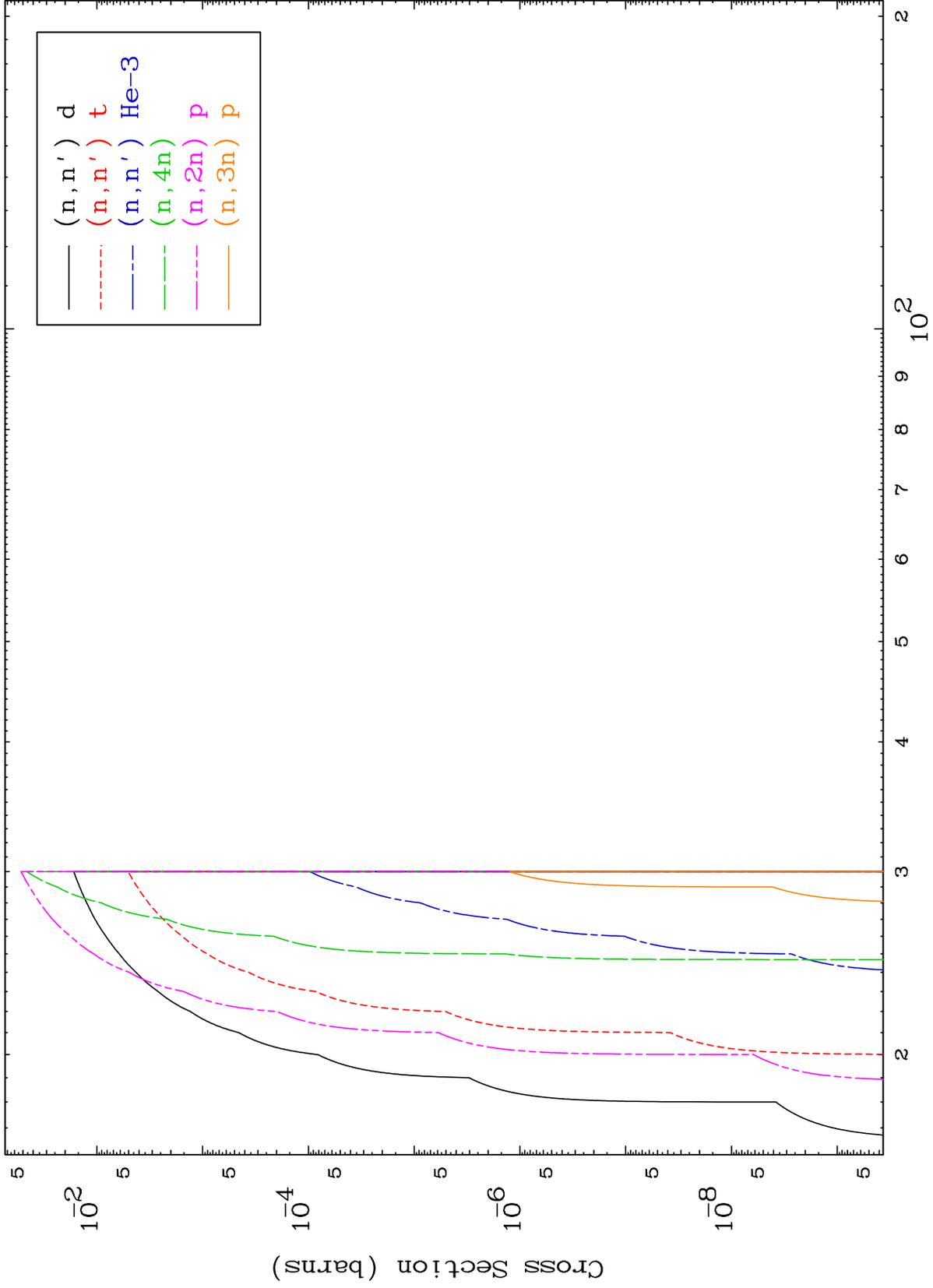
26-Fe-59

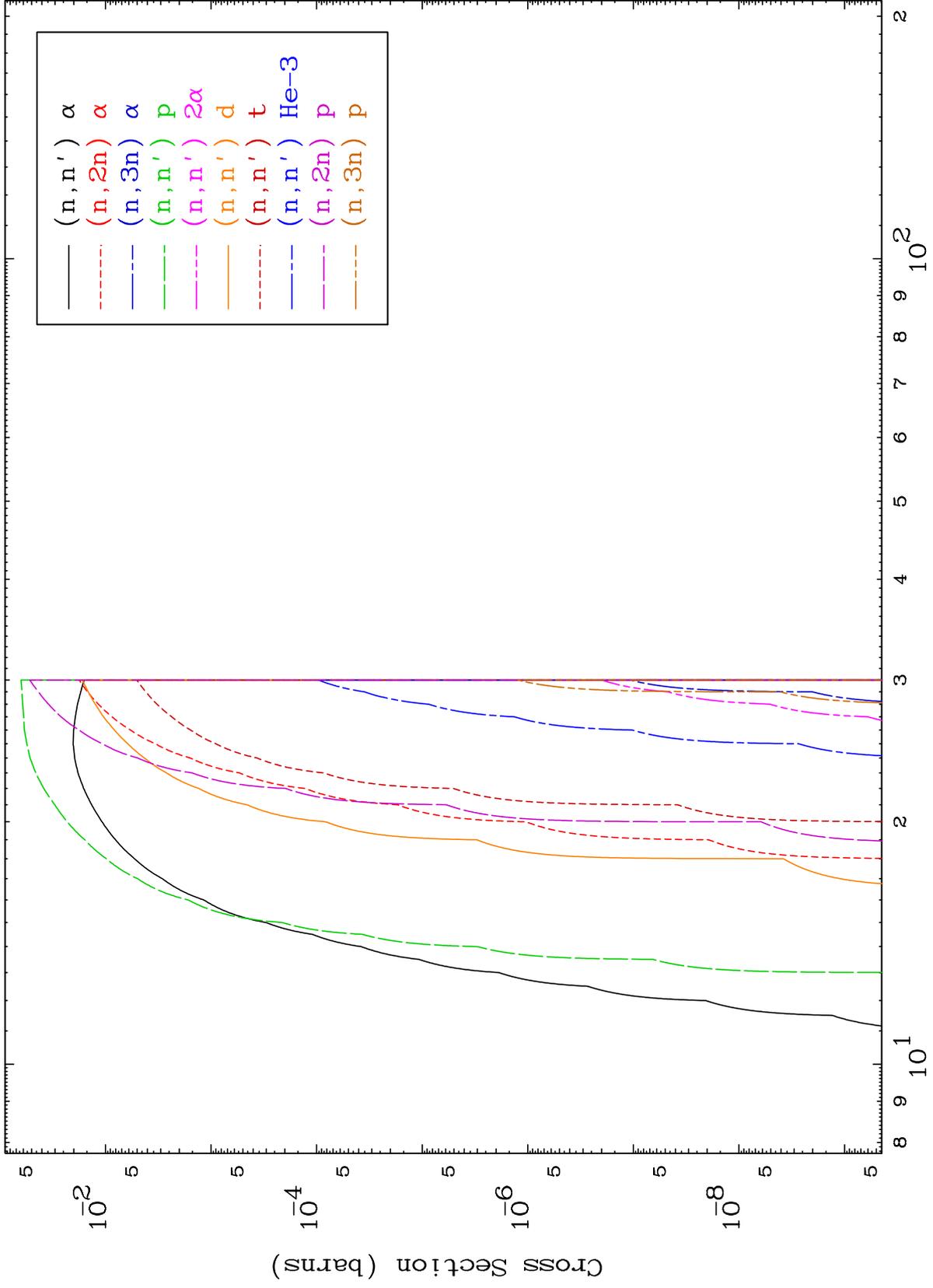


2

Incident Energy (MeV)

26-Fe-59

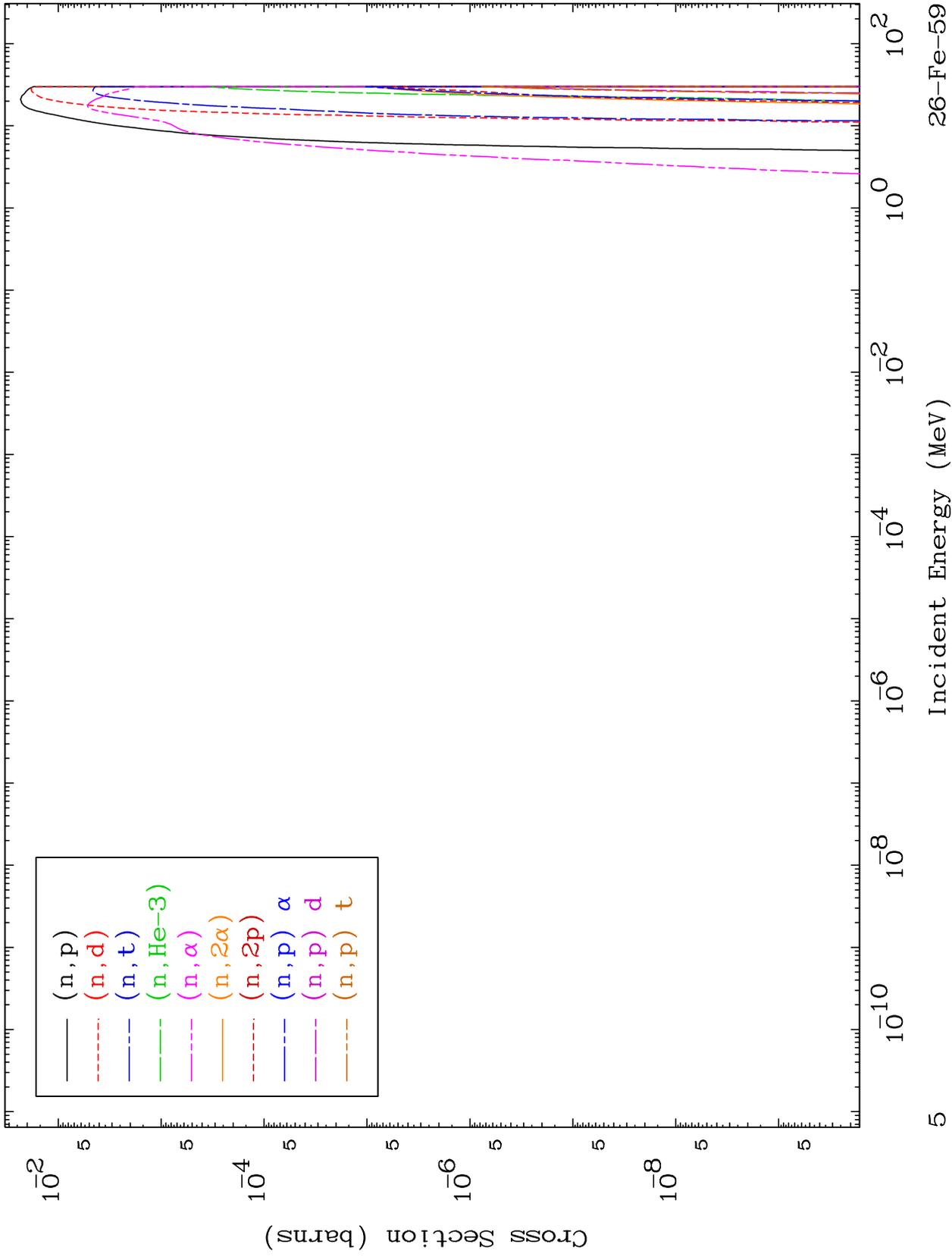




MAT 2640

Charged Particle
293 Kelvin Cross Sections

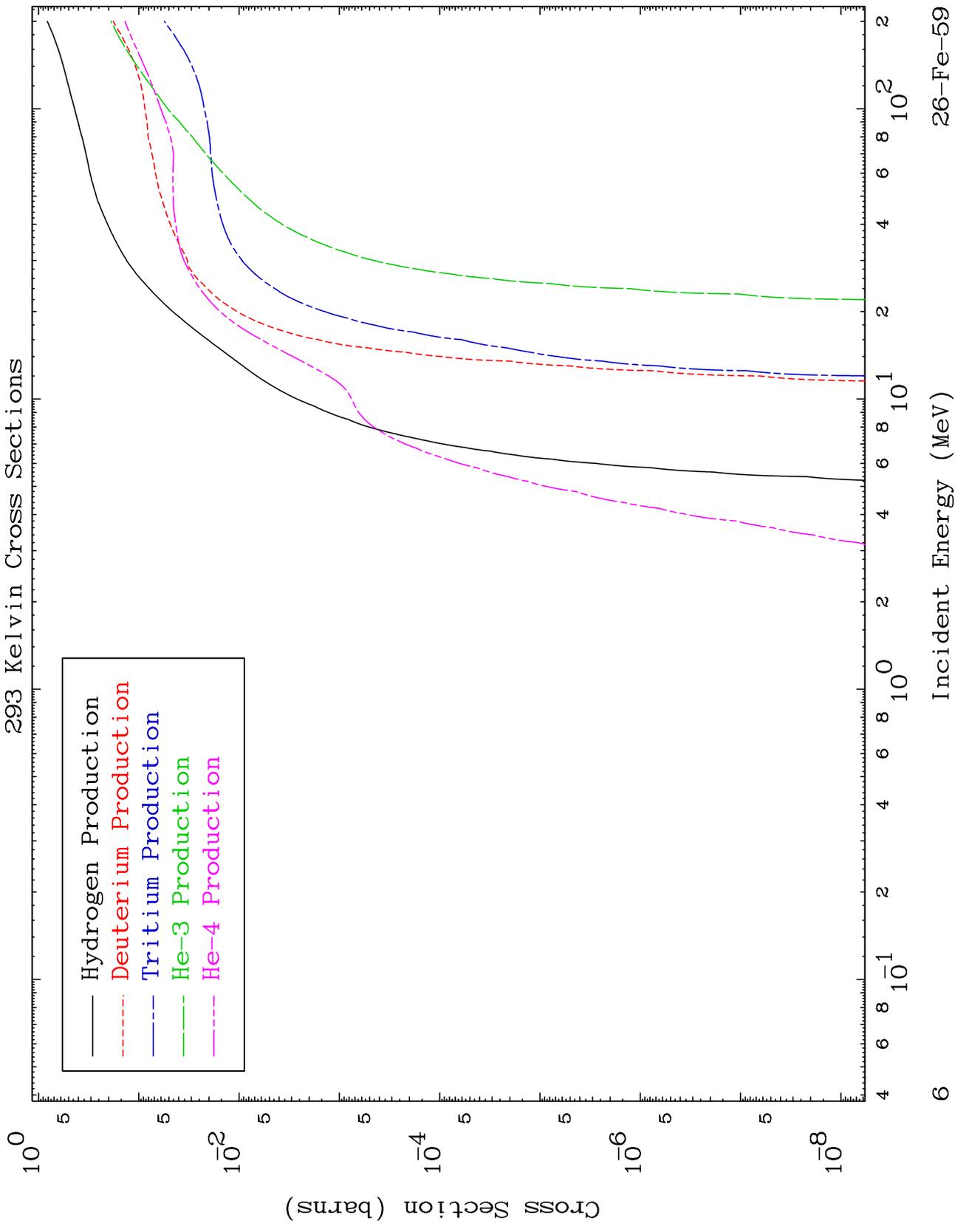
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MAT 2640

Particle Production
293 Kelvin Cross Sections

26-Fe-59



6

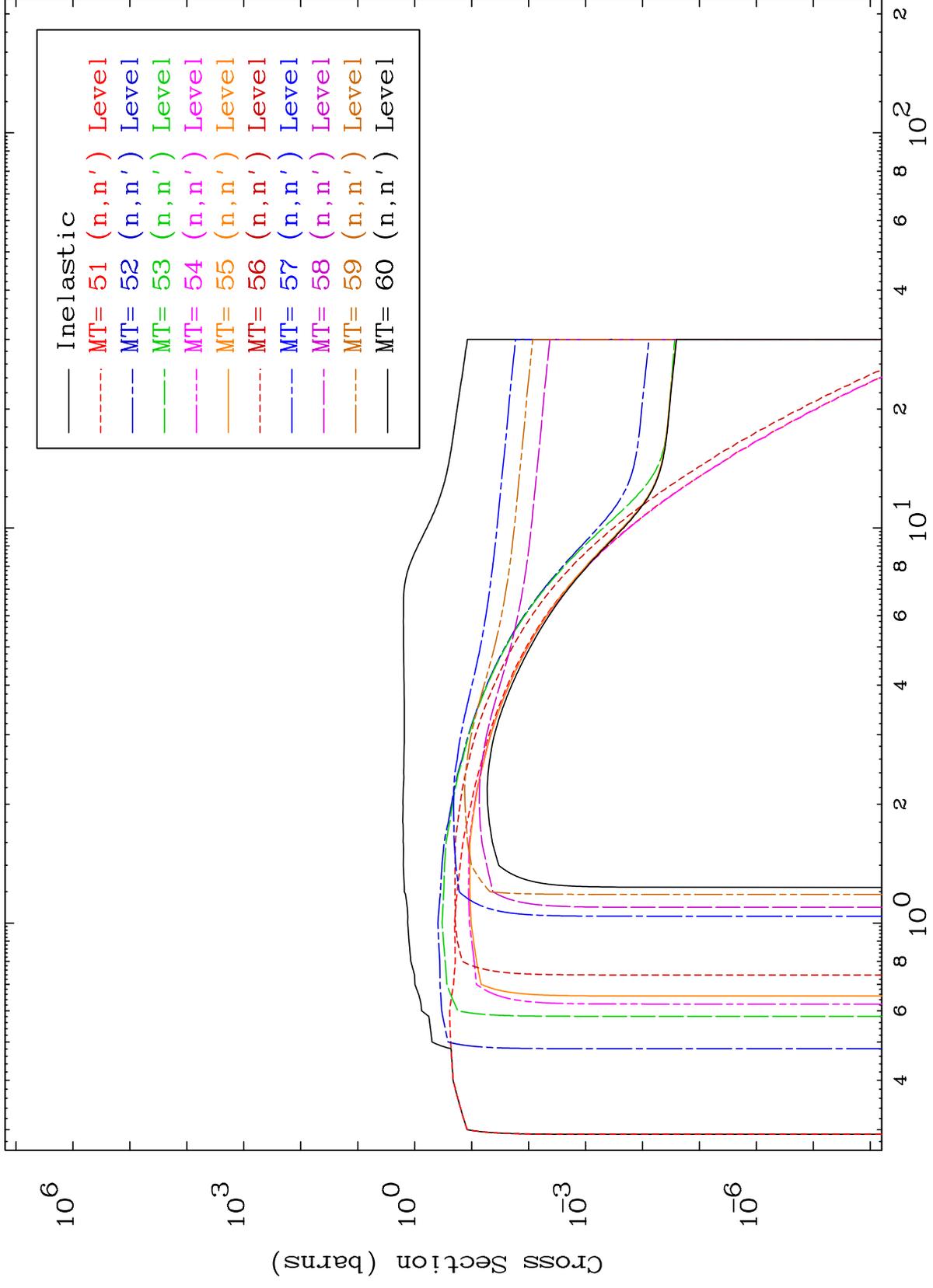
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MAT 2640

(n,n') Level

26-Fe-59

293 Kelvin Cross Sections

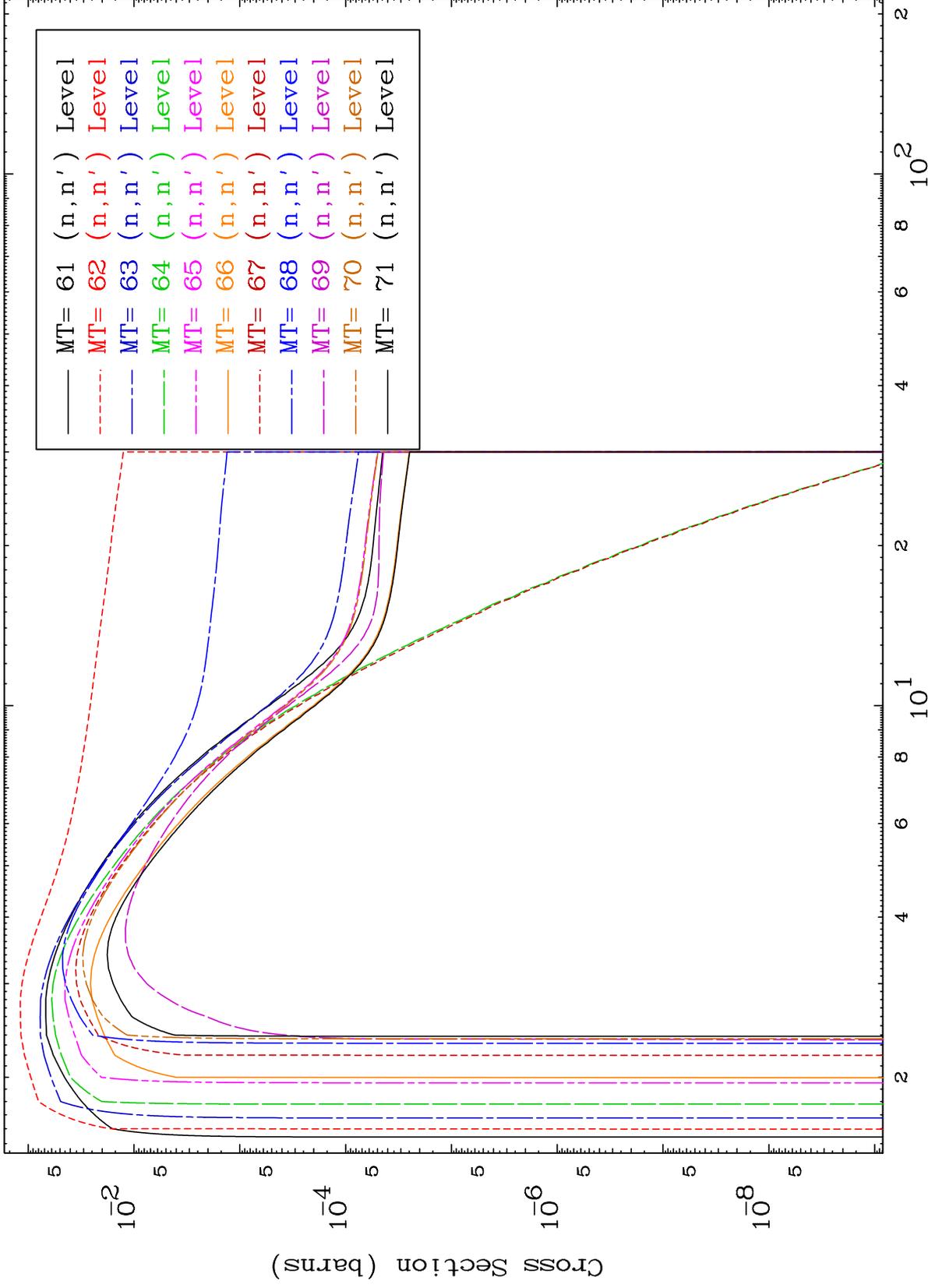


MAT 2640

(n,n') Level

26-Fe-59

293 Kelvin Cross Sections

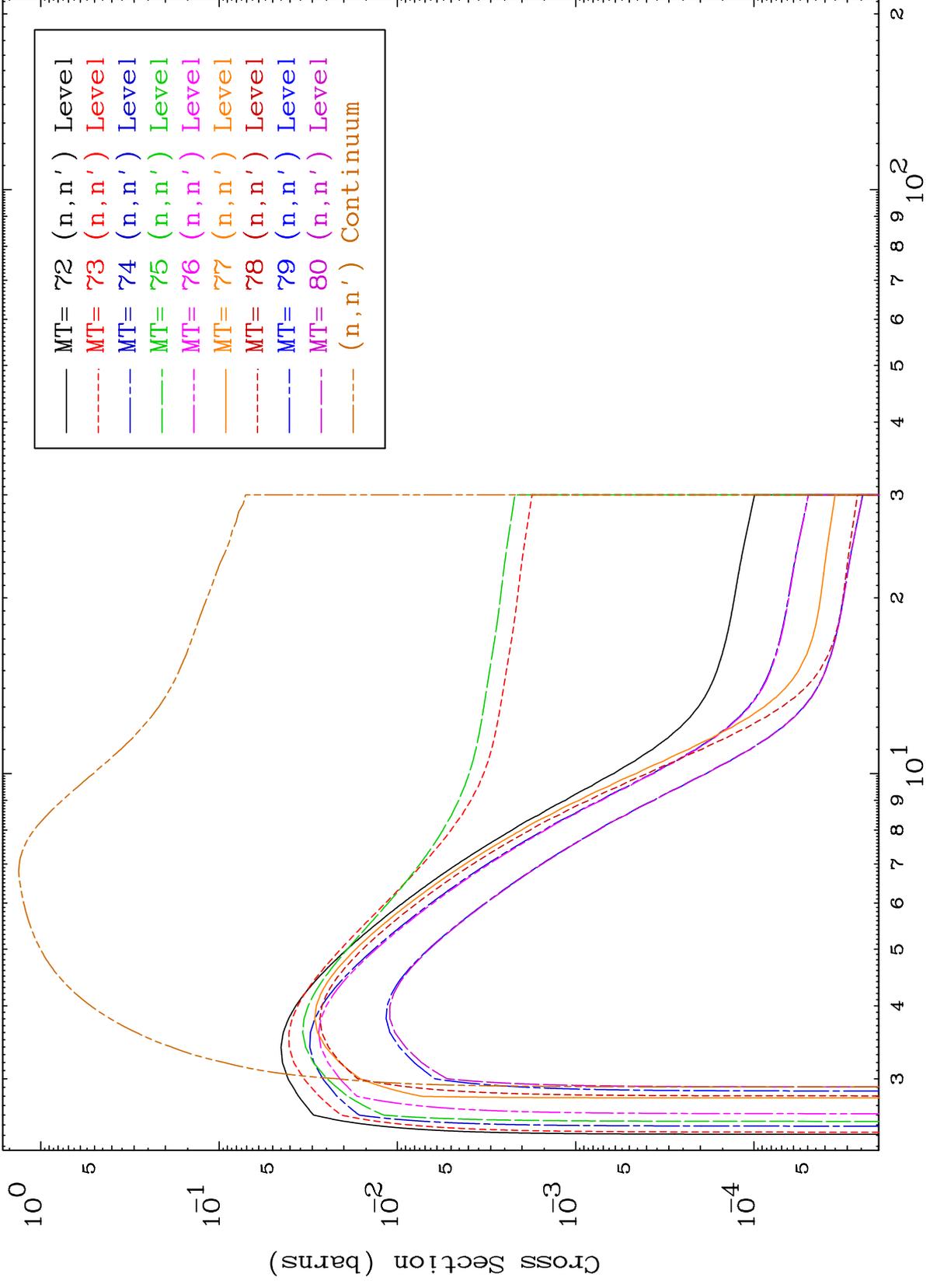


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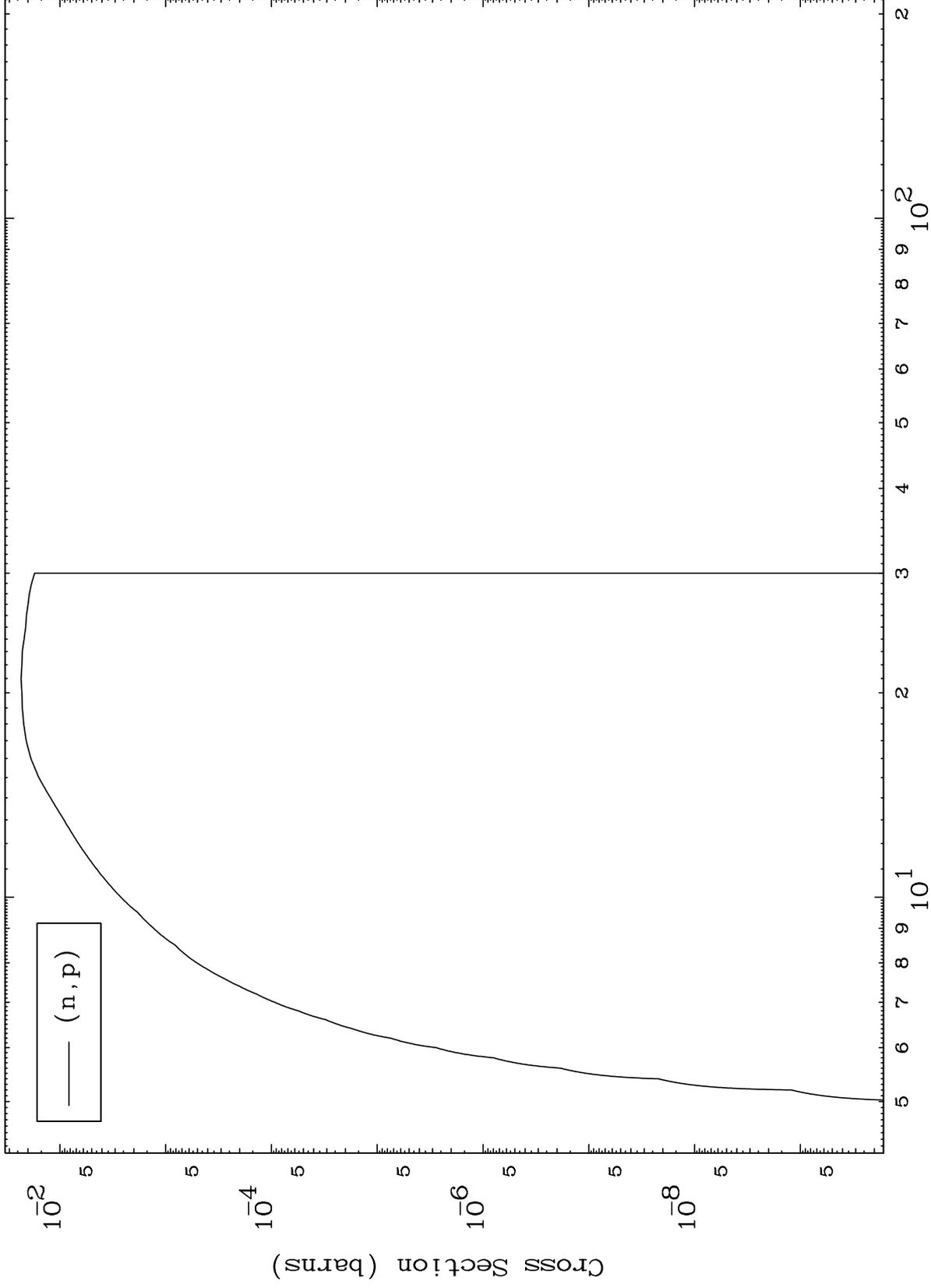
293 Kelvin Cross Sections



MAT 2640

(n,p) Levels
293 Kelvin Cross Sections

26-Fe-59



10

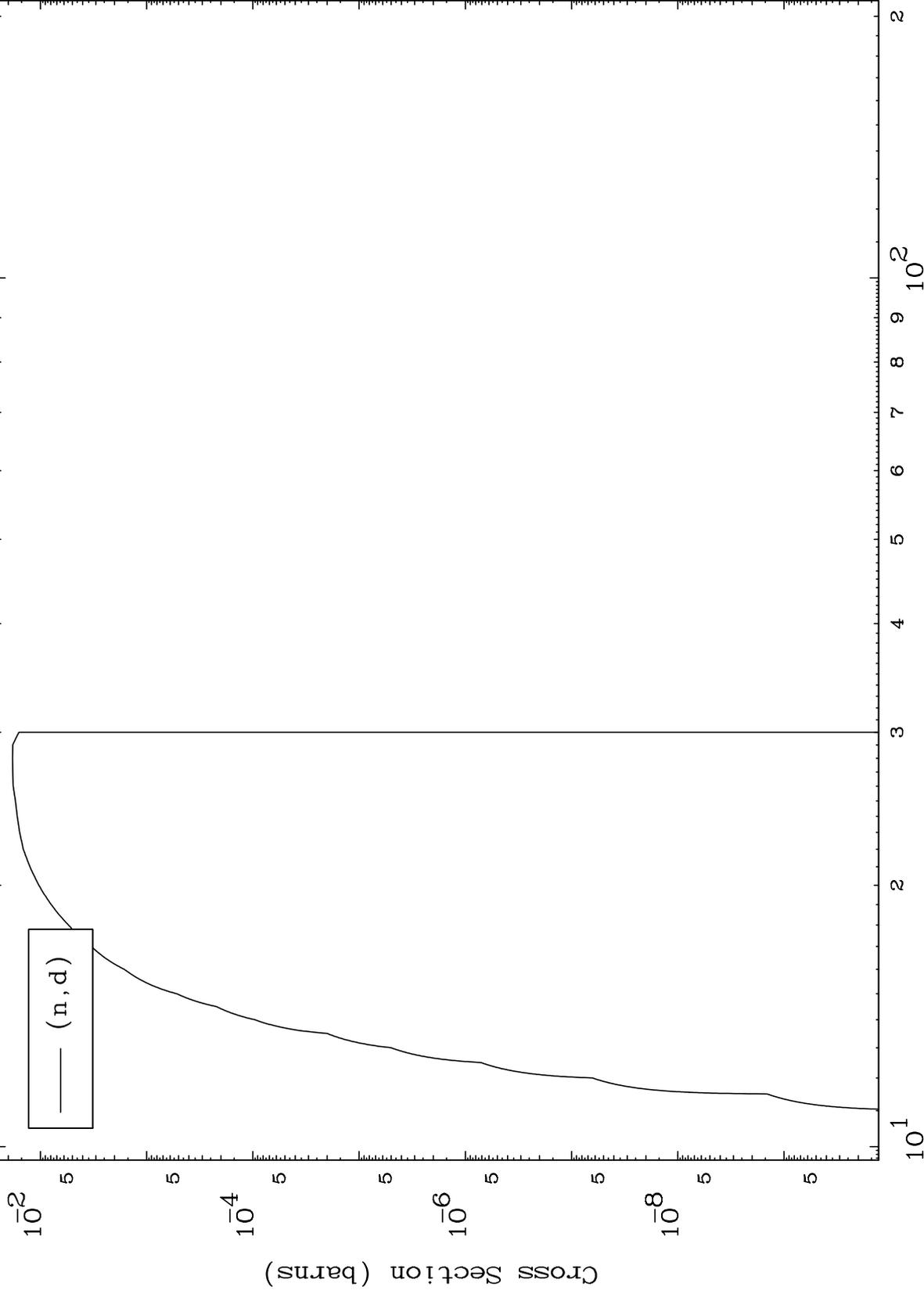
Incident Energy (MeV)

26-Fe-59

MAT 2640

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-59



Incident Energy (MeV)

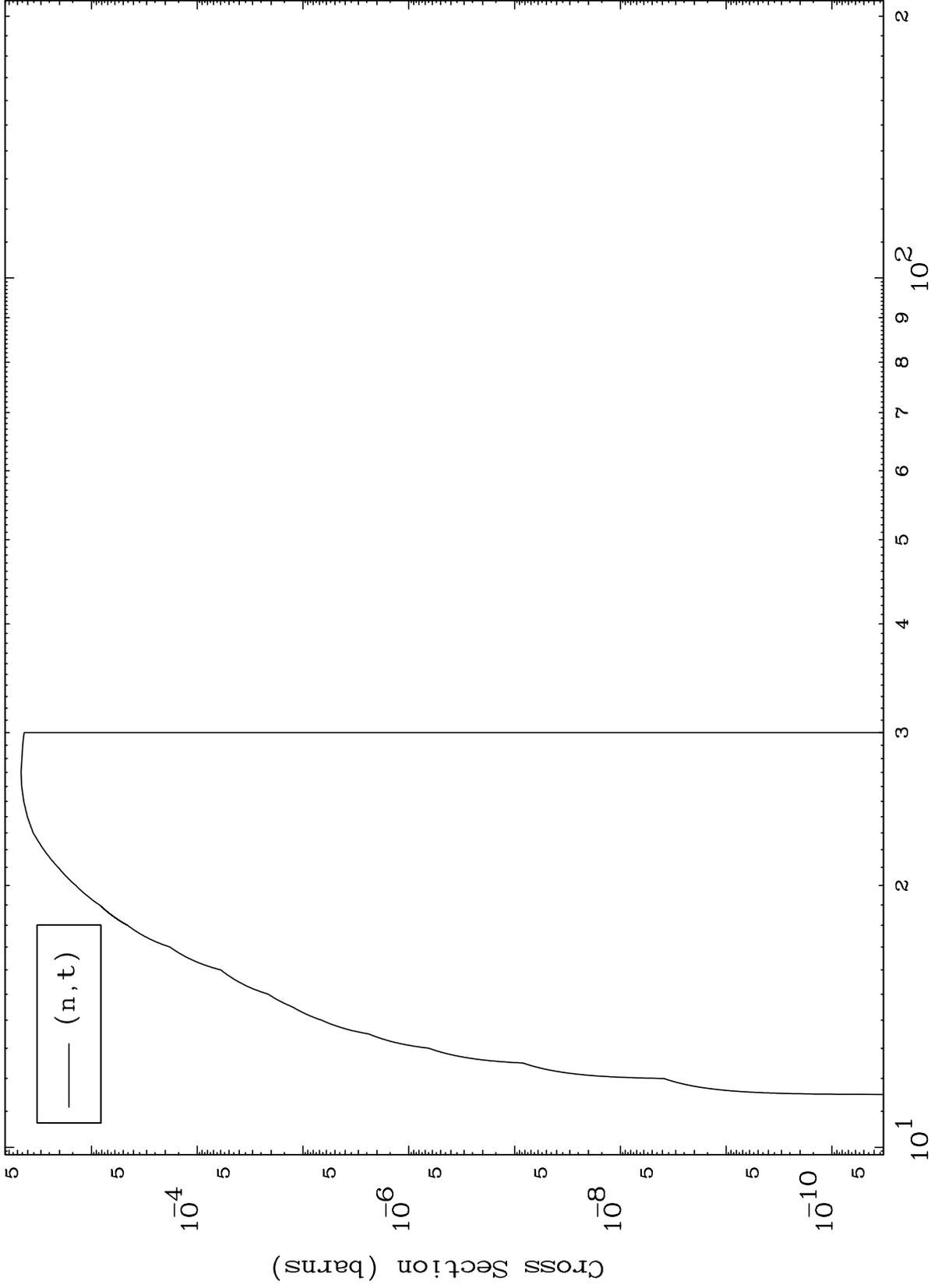
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MAT 2640

(n,t) Levels
293 Kelvin Cross Sections

26-Fe-59



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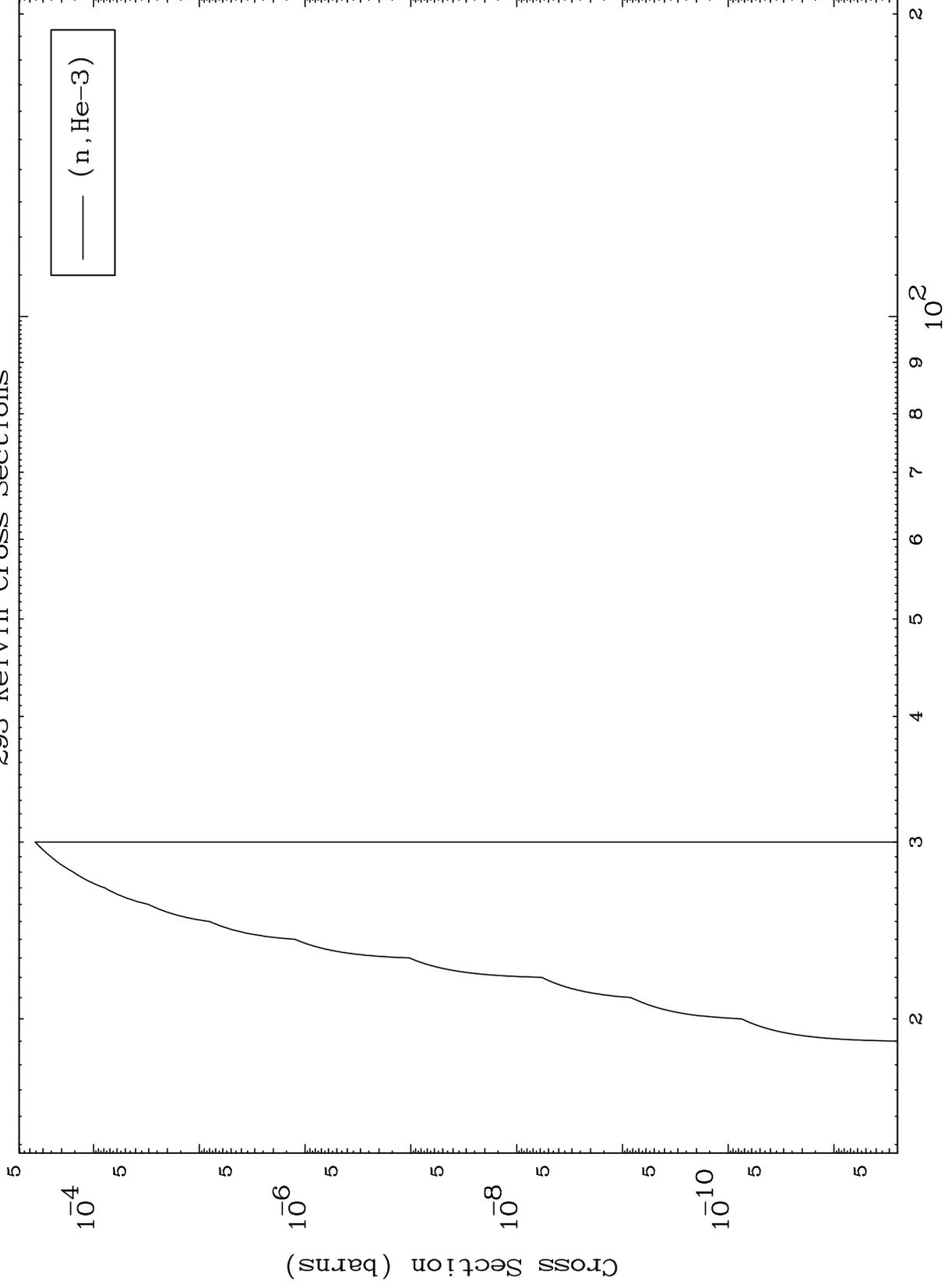
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MAT 2640

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-59



13

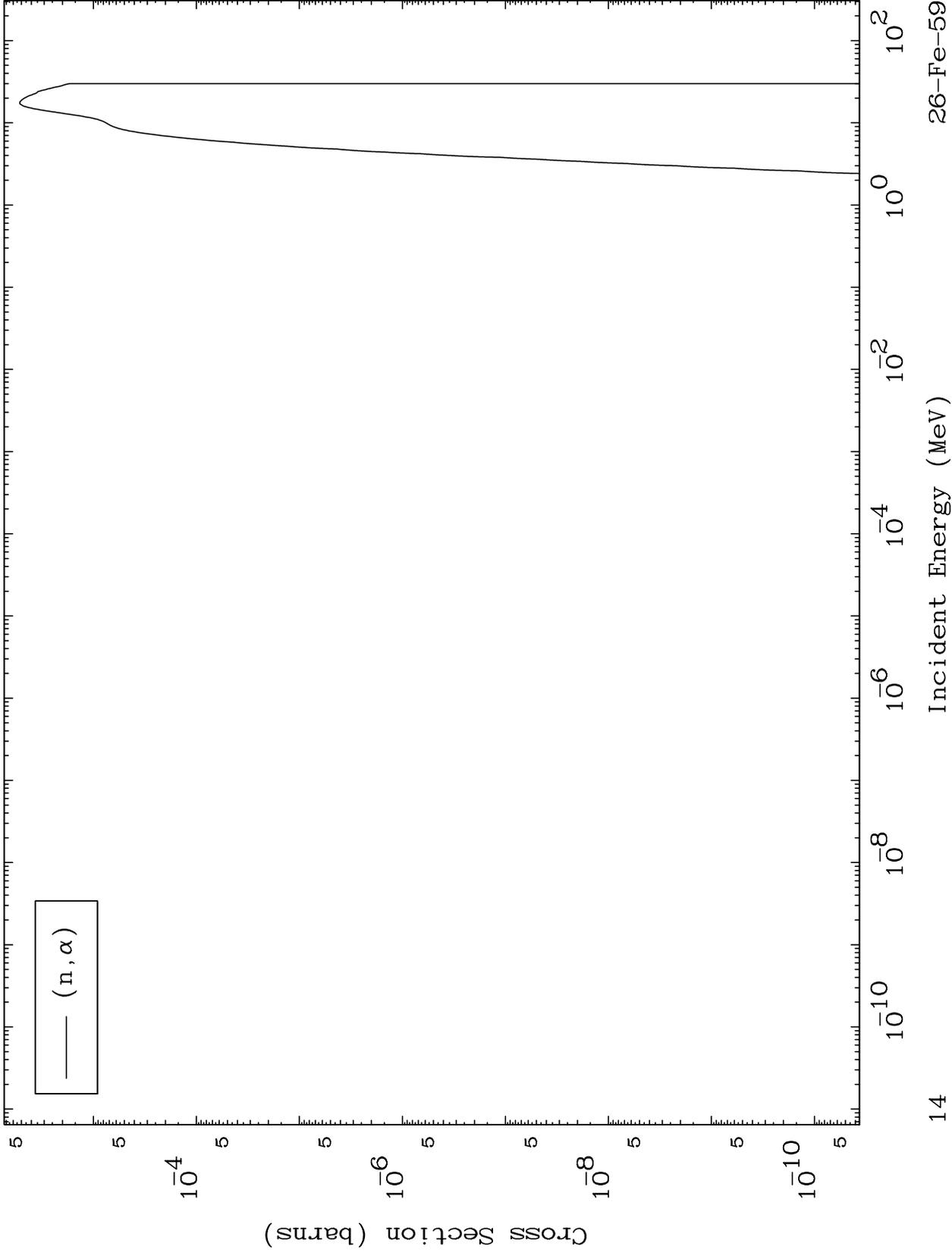
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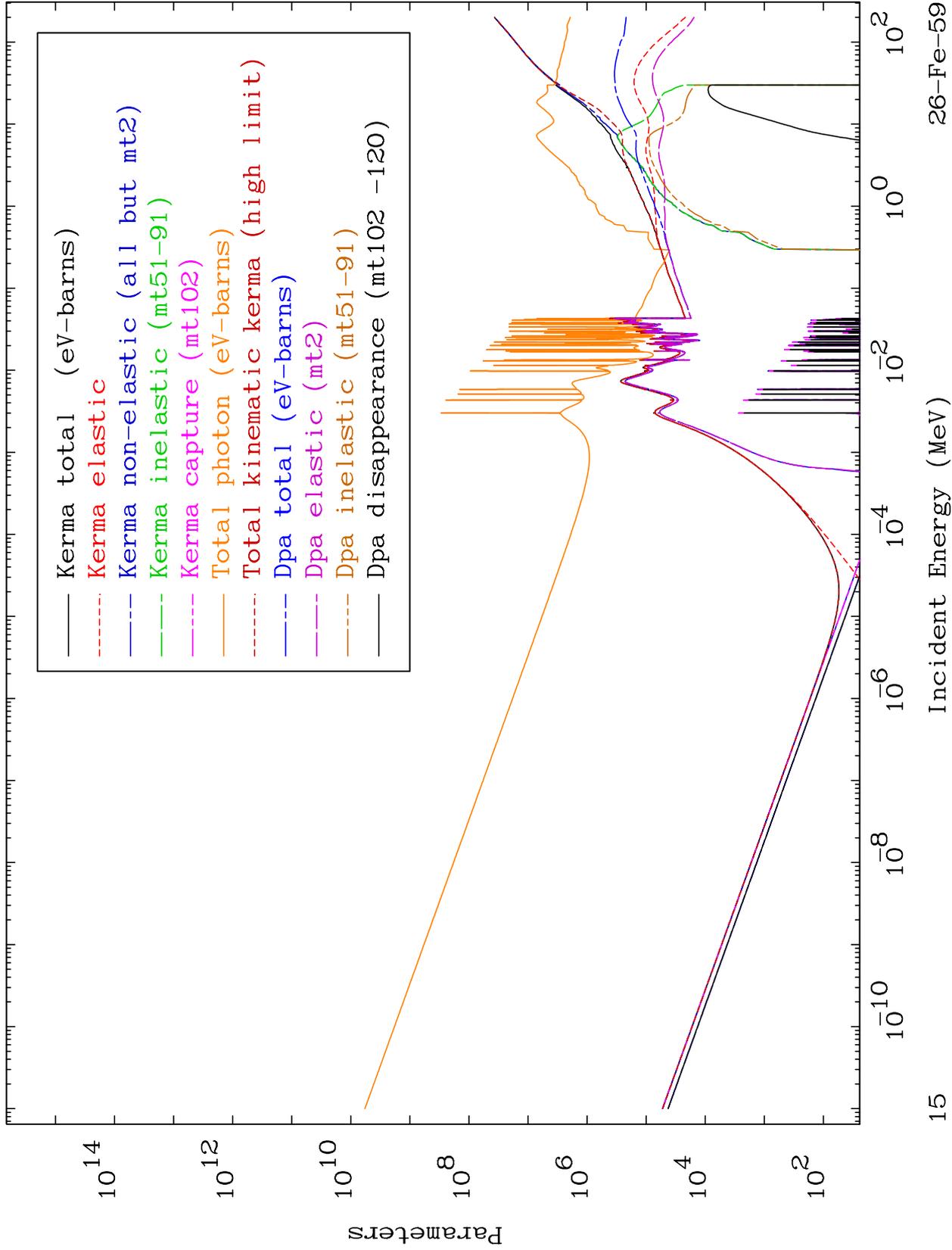
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MAT 2640

(n, α) Levels
293 Kelvin Cross Sections

26-Fe-59

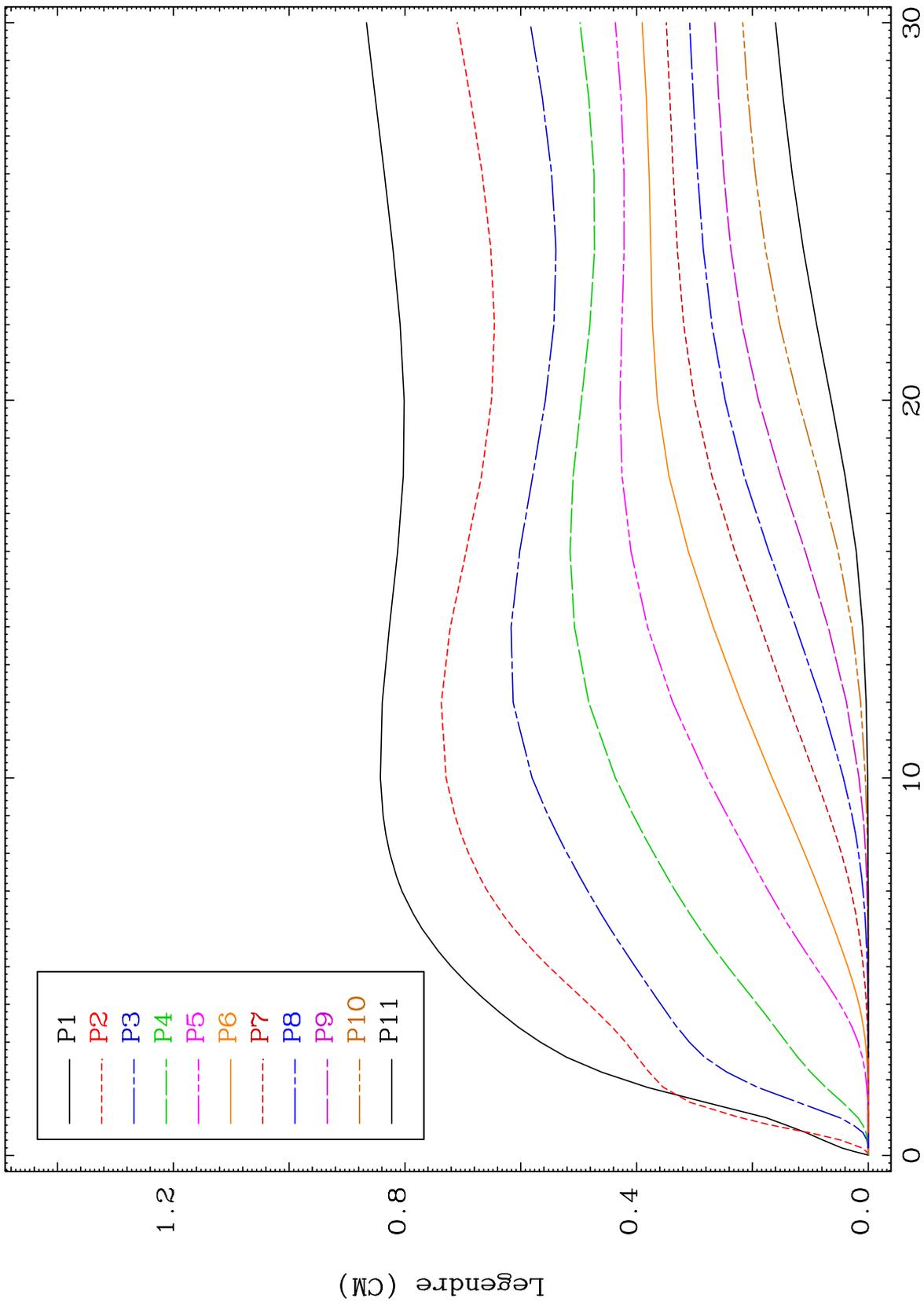




MAT 2640

Elastic Legendre Coefficients

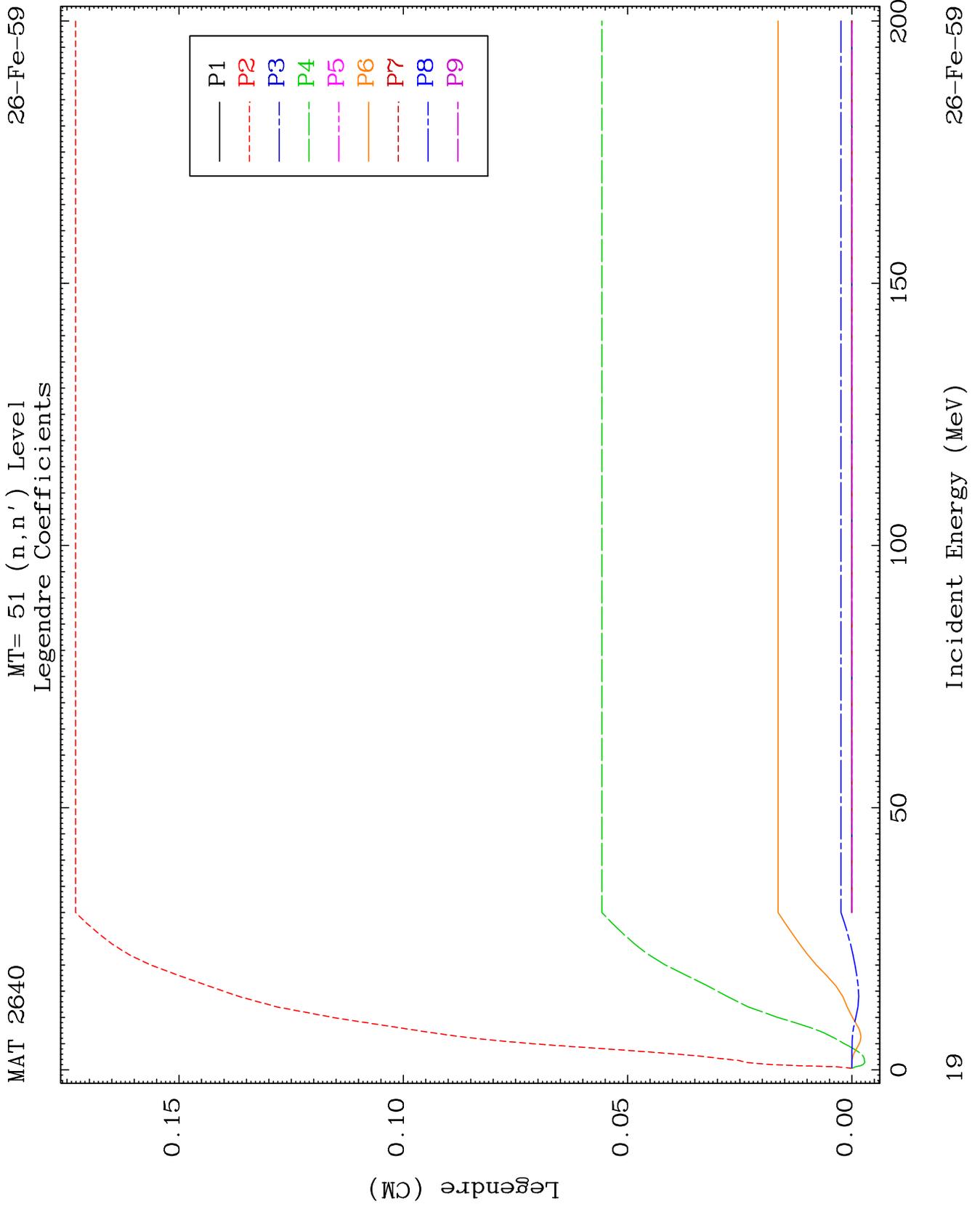
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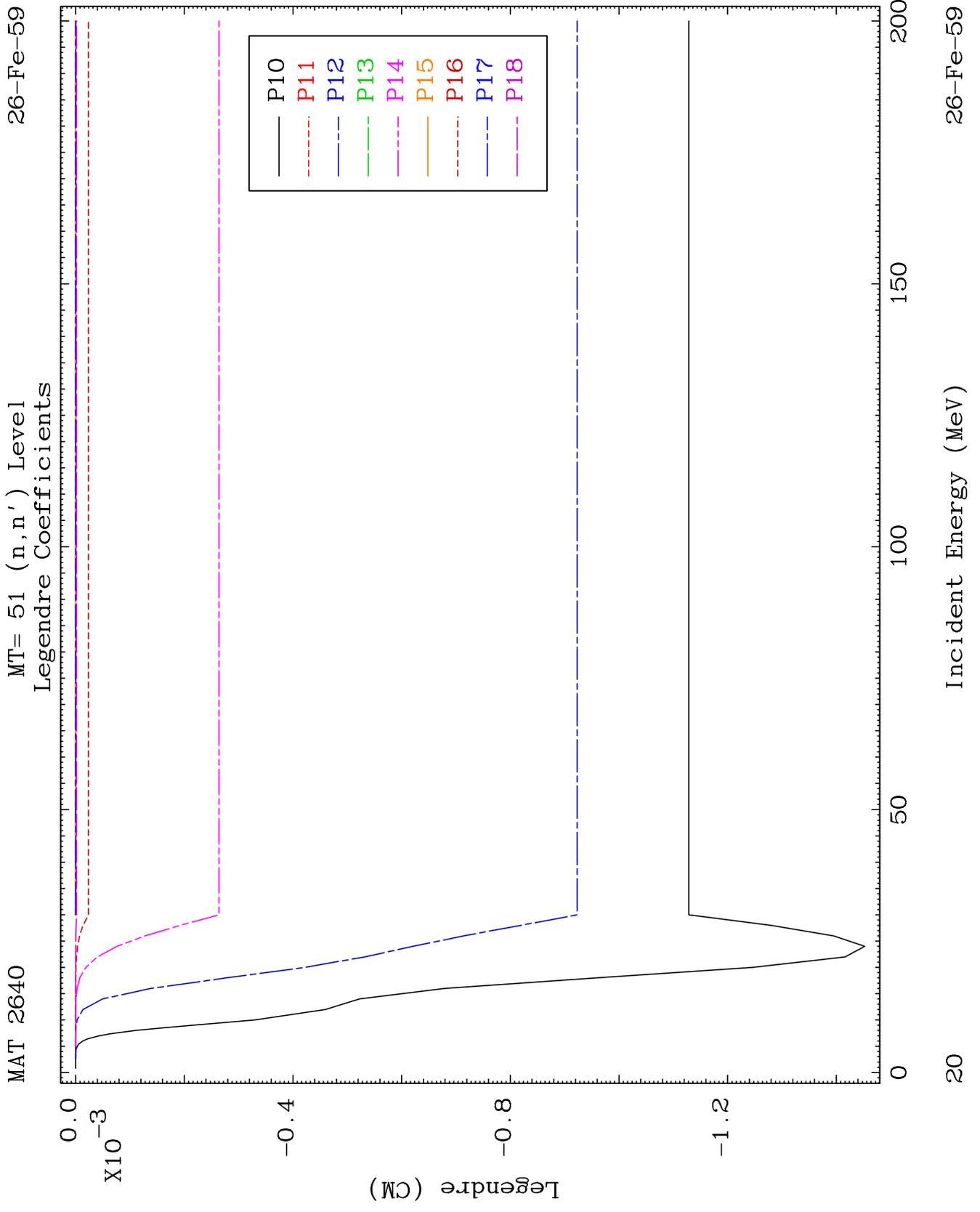


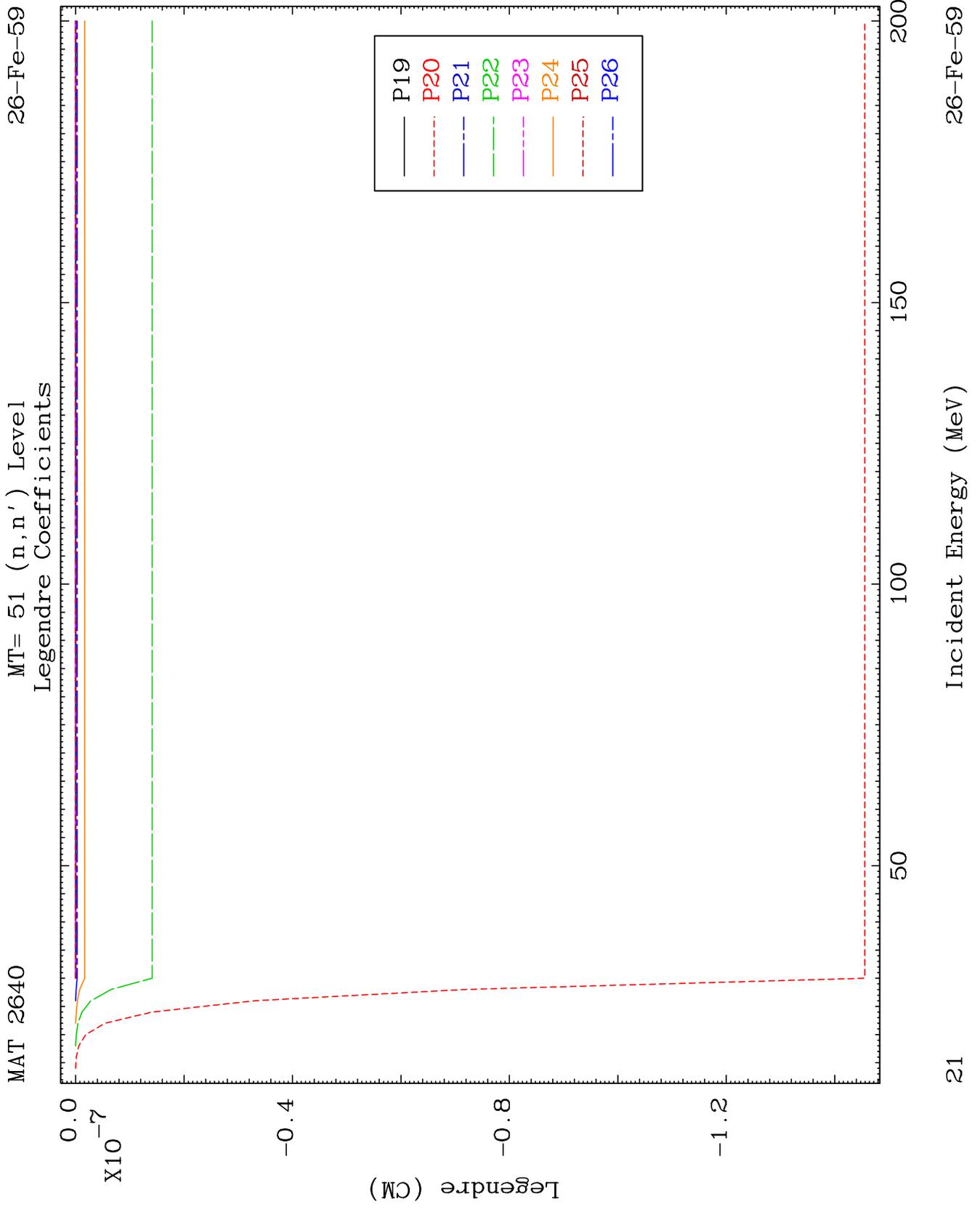
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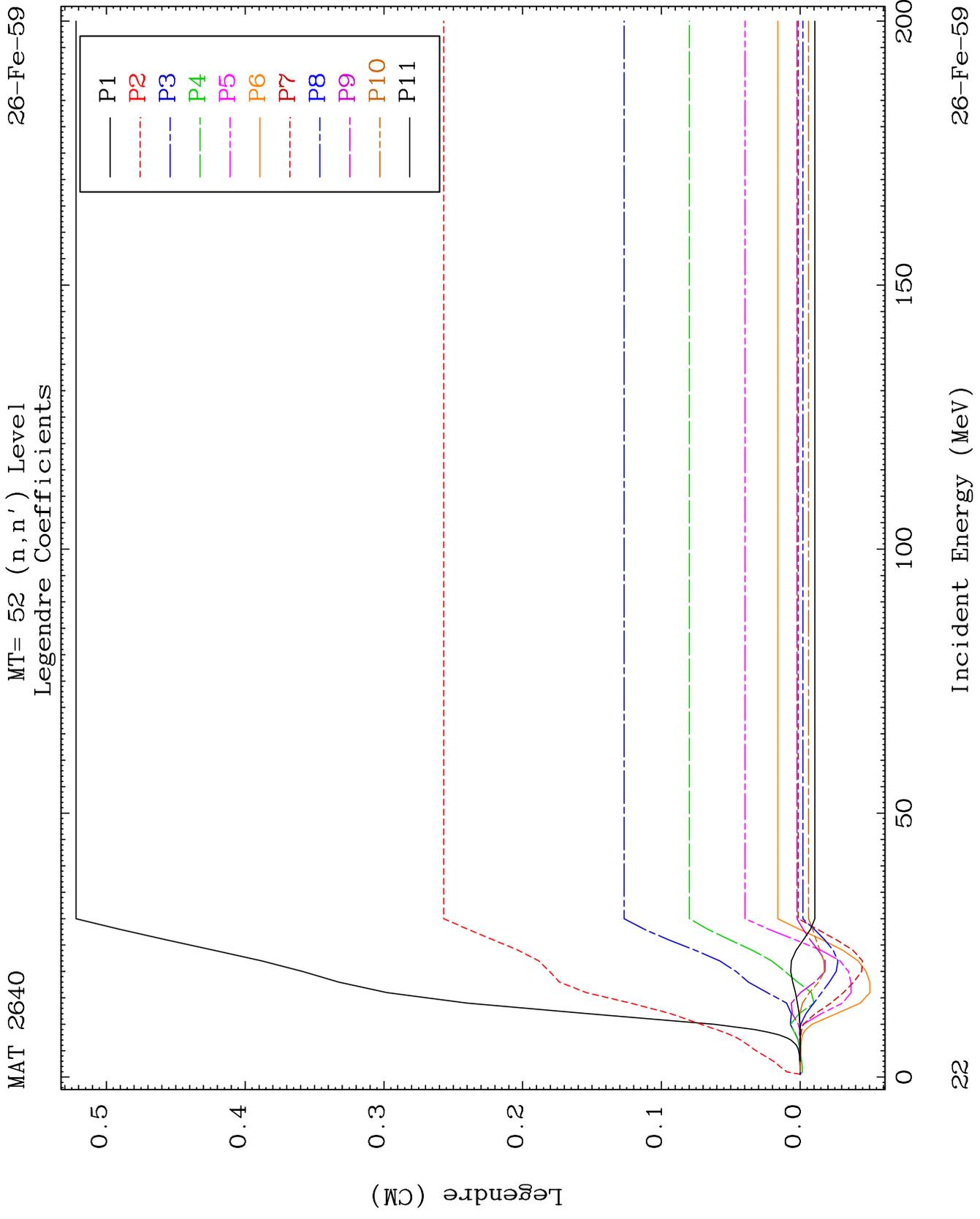
Incident Energy (MeV)

²⁶Fe-59





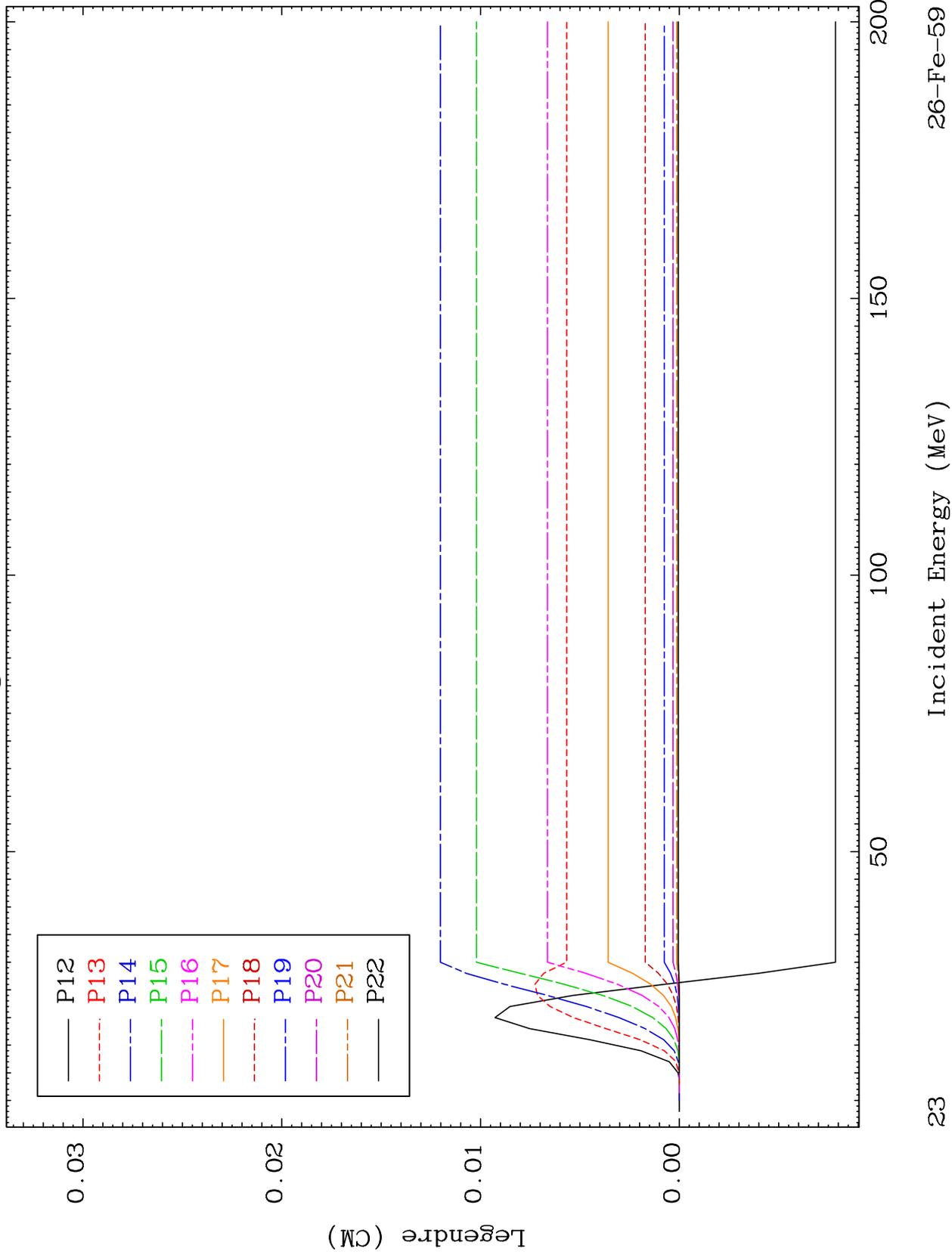




MAT 2640

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

26-Fe-59



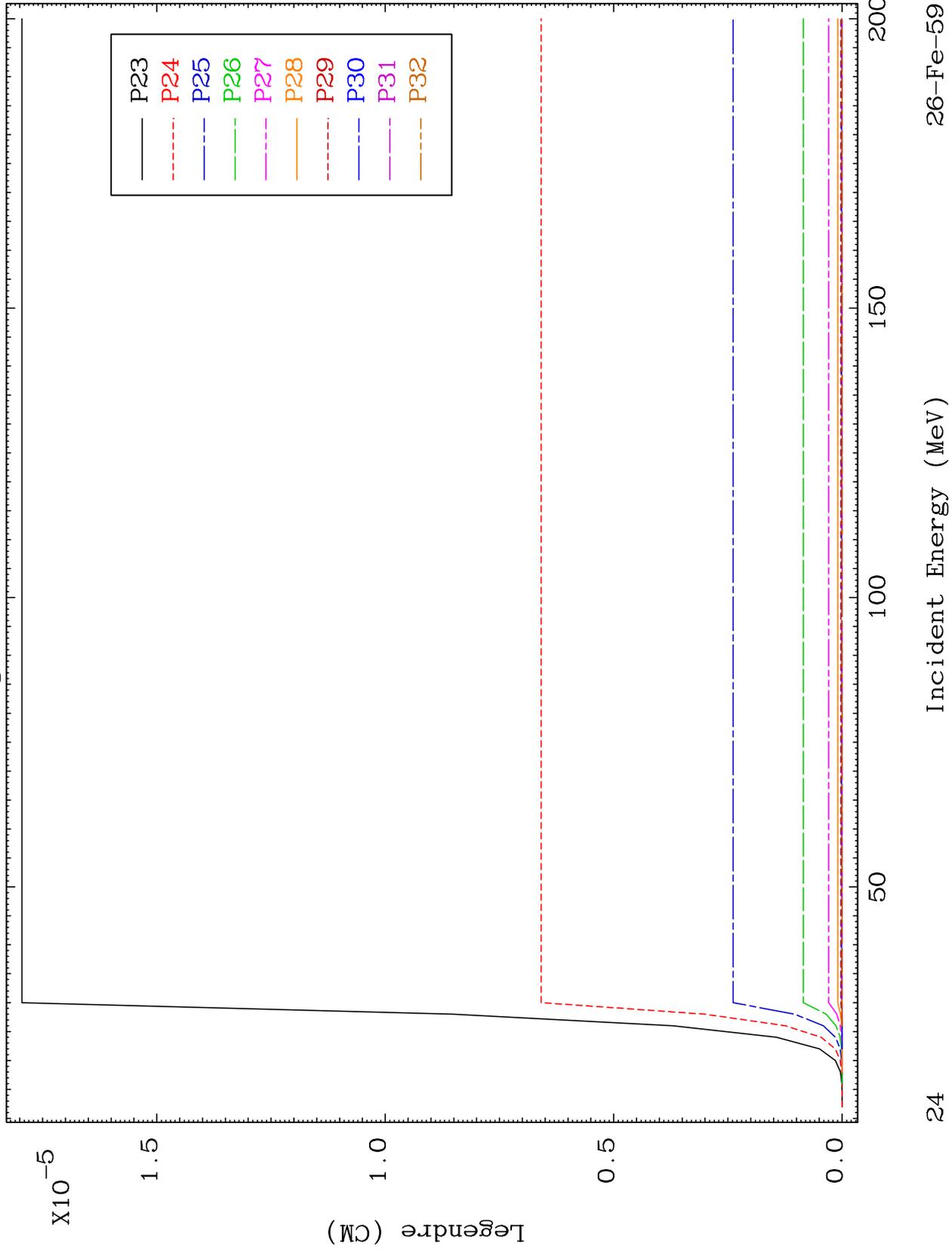
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26-Fe-59

MAT 2640

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

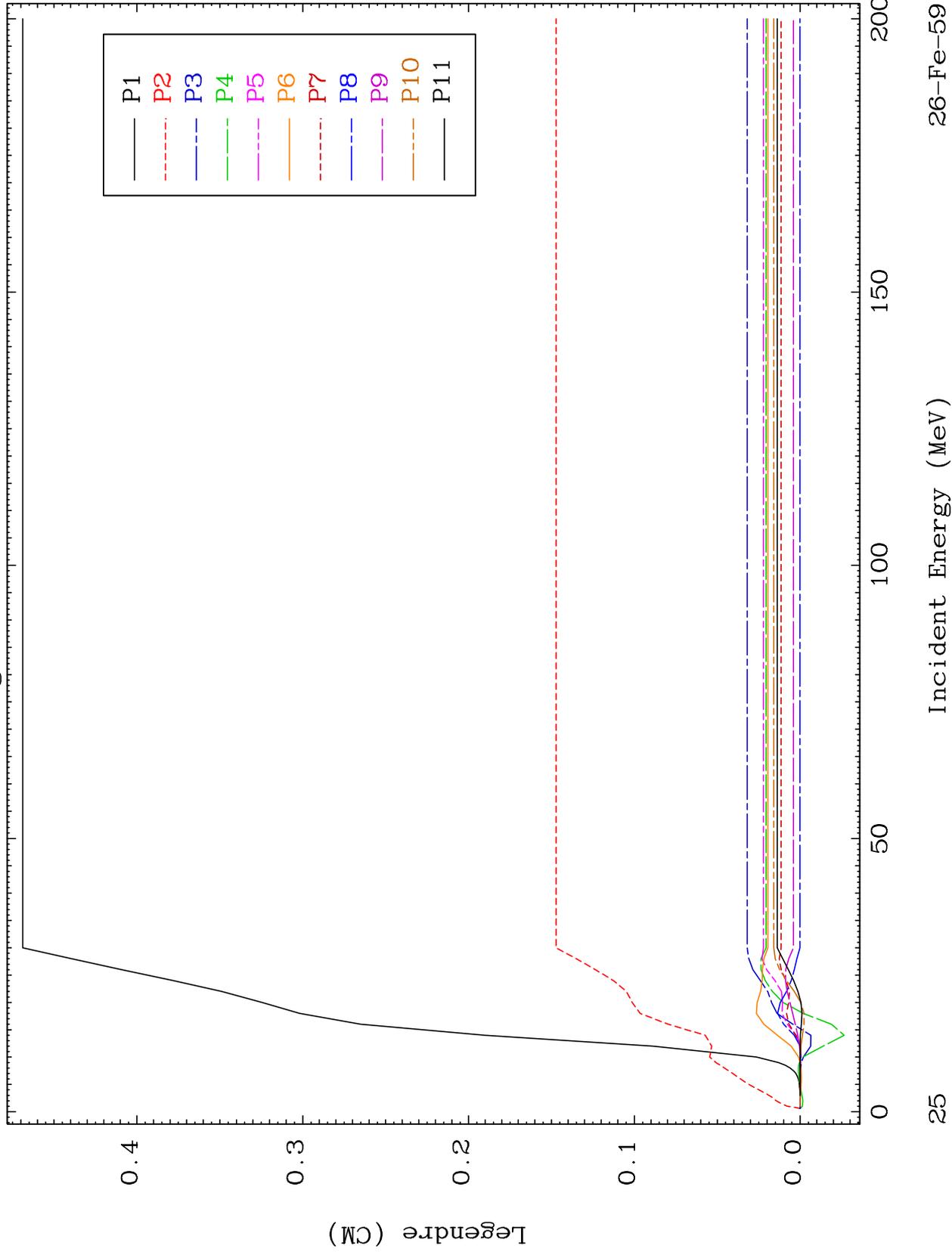
26-Fe-59



MAT 2640

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

26-Fe-59



26-Fe-59

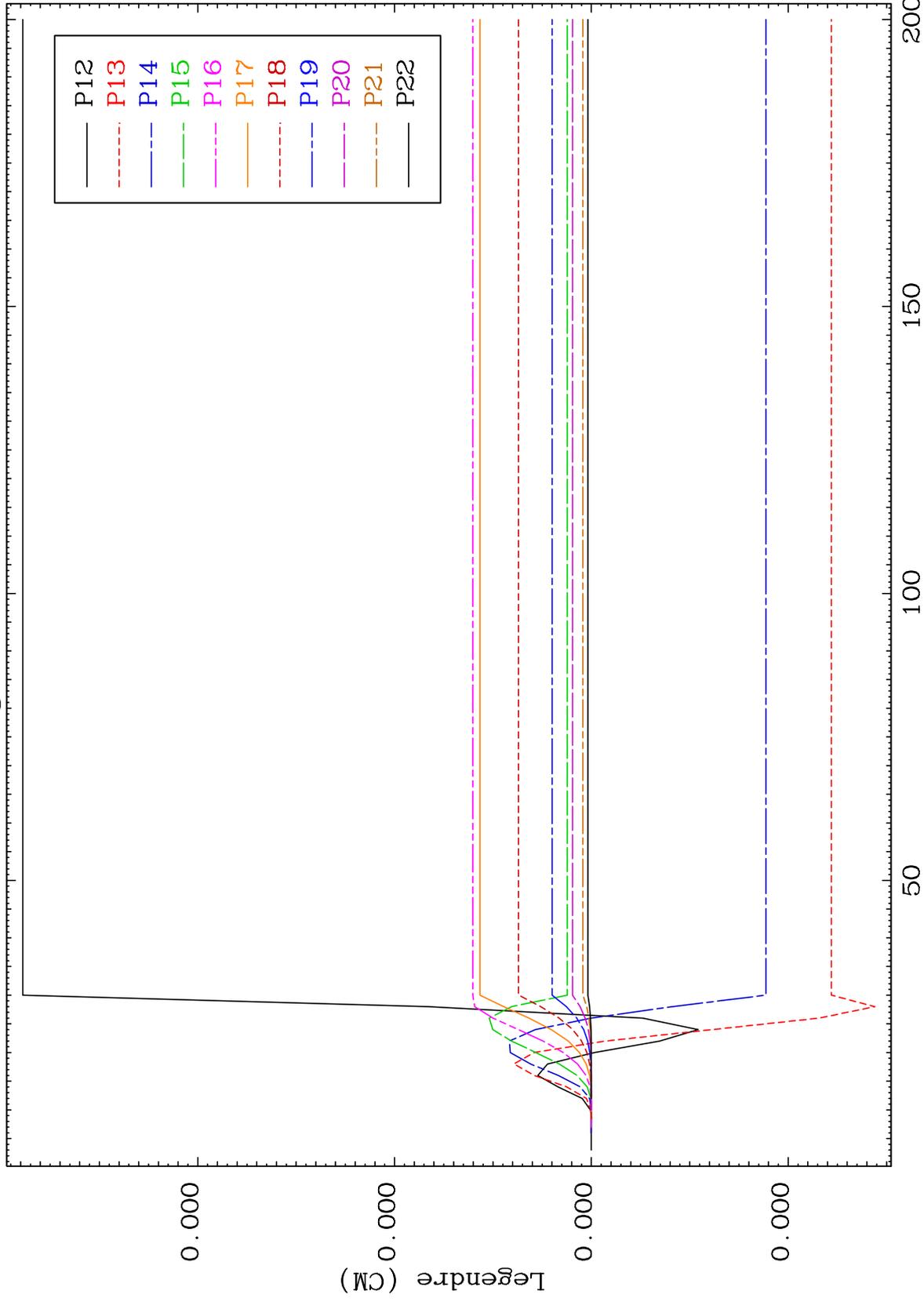
Incident Energy (MeV)

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MAT 2640

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

26-Fe-59



26

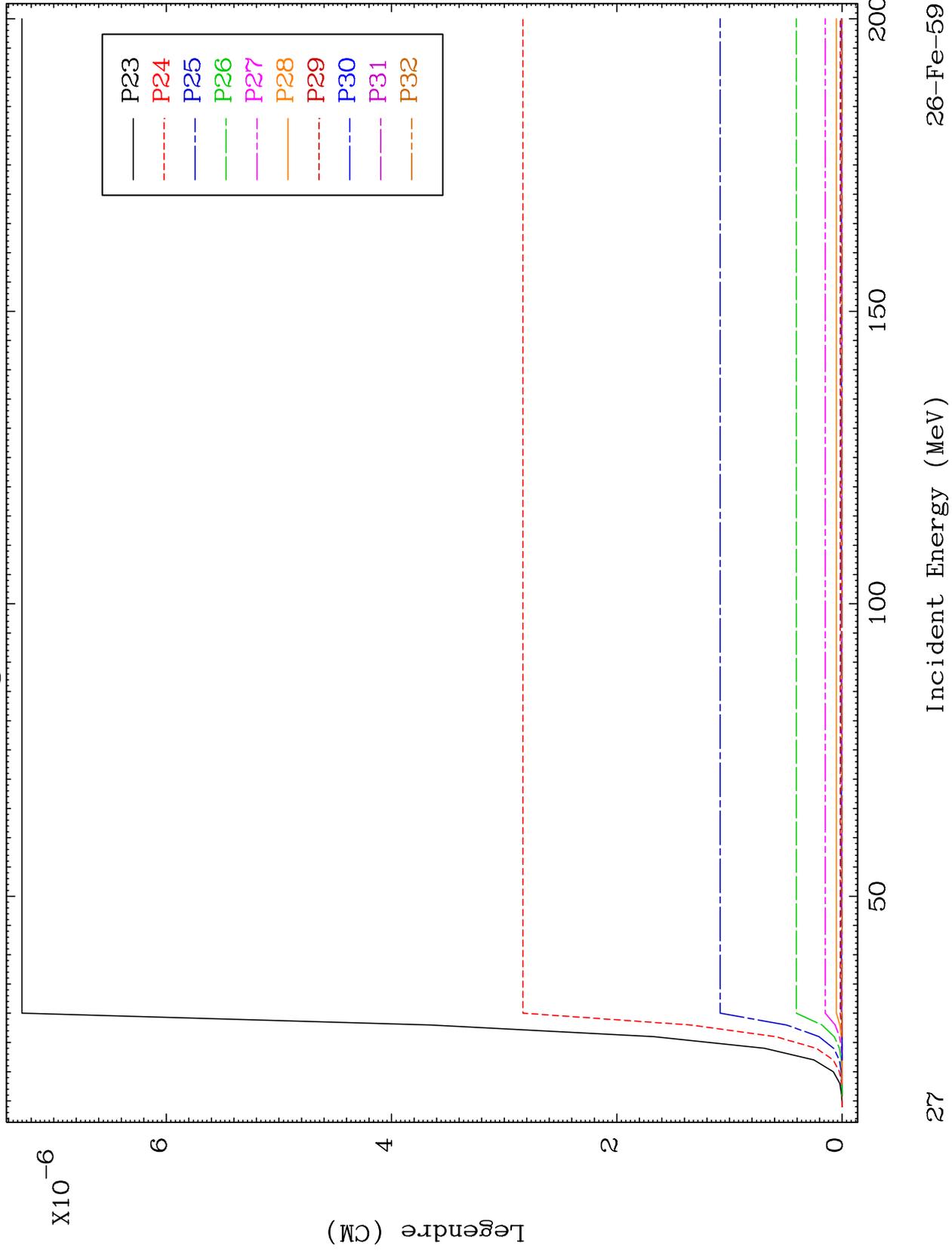
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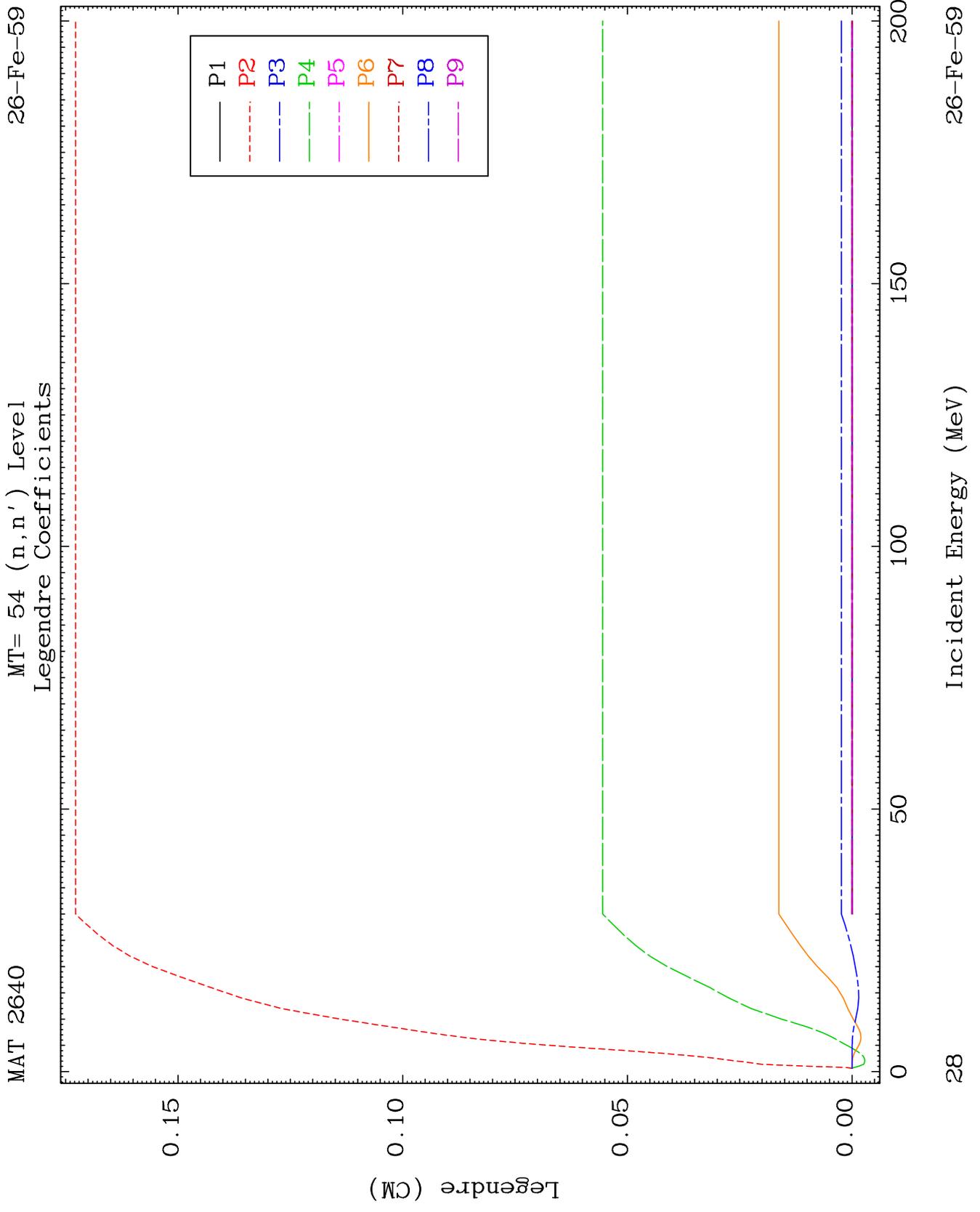
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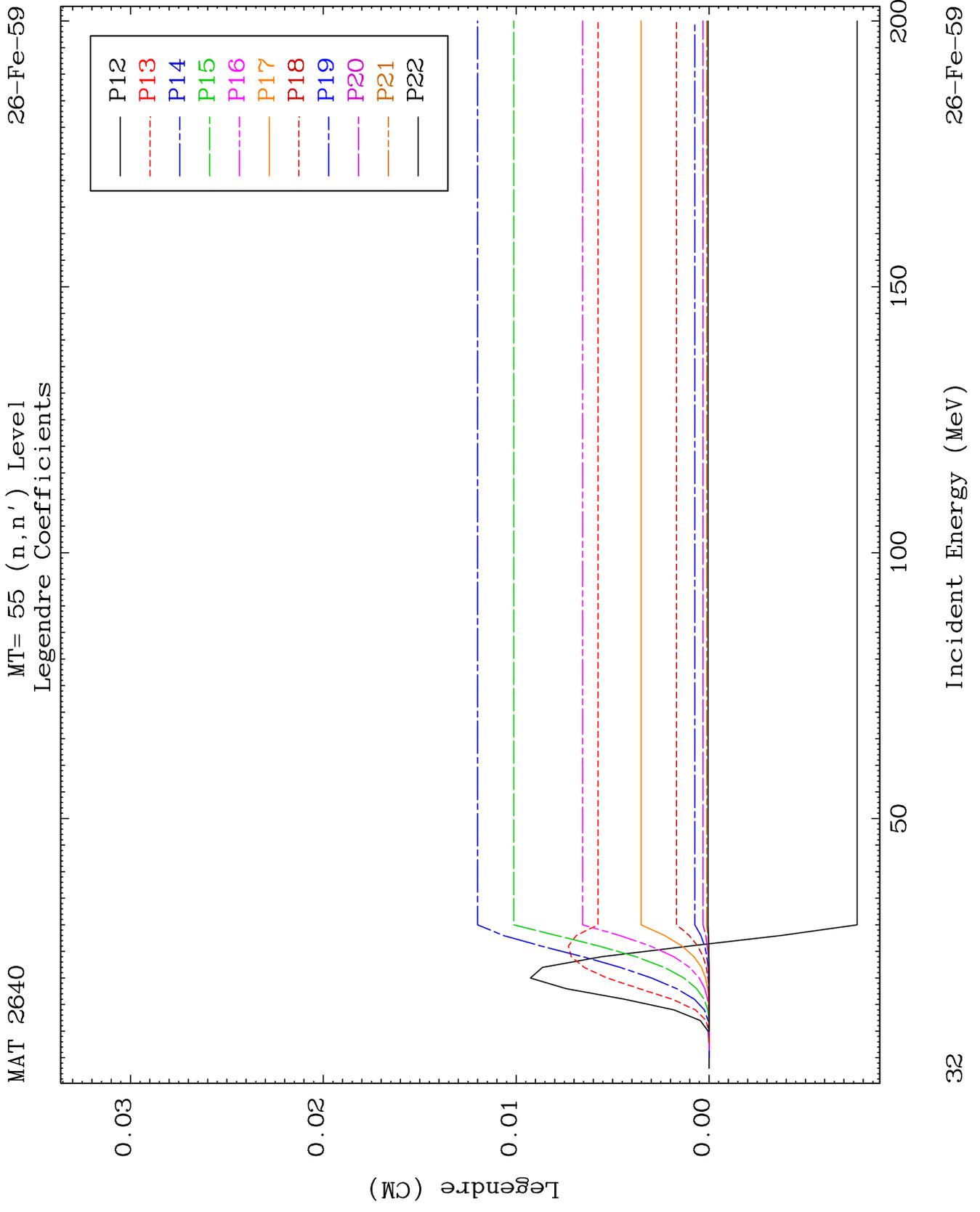
MAT 2640

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

26-Fe-59



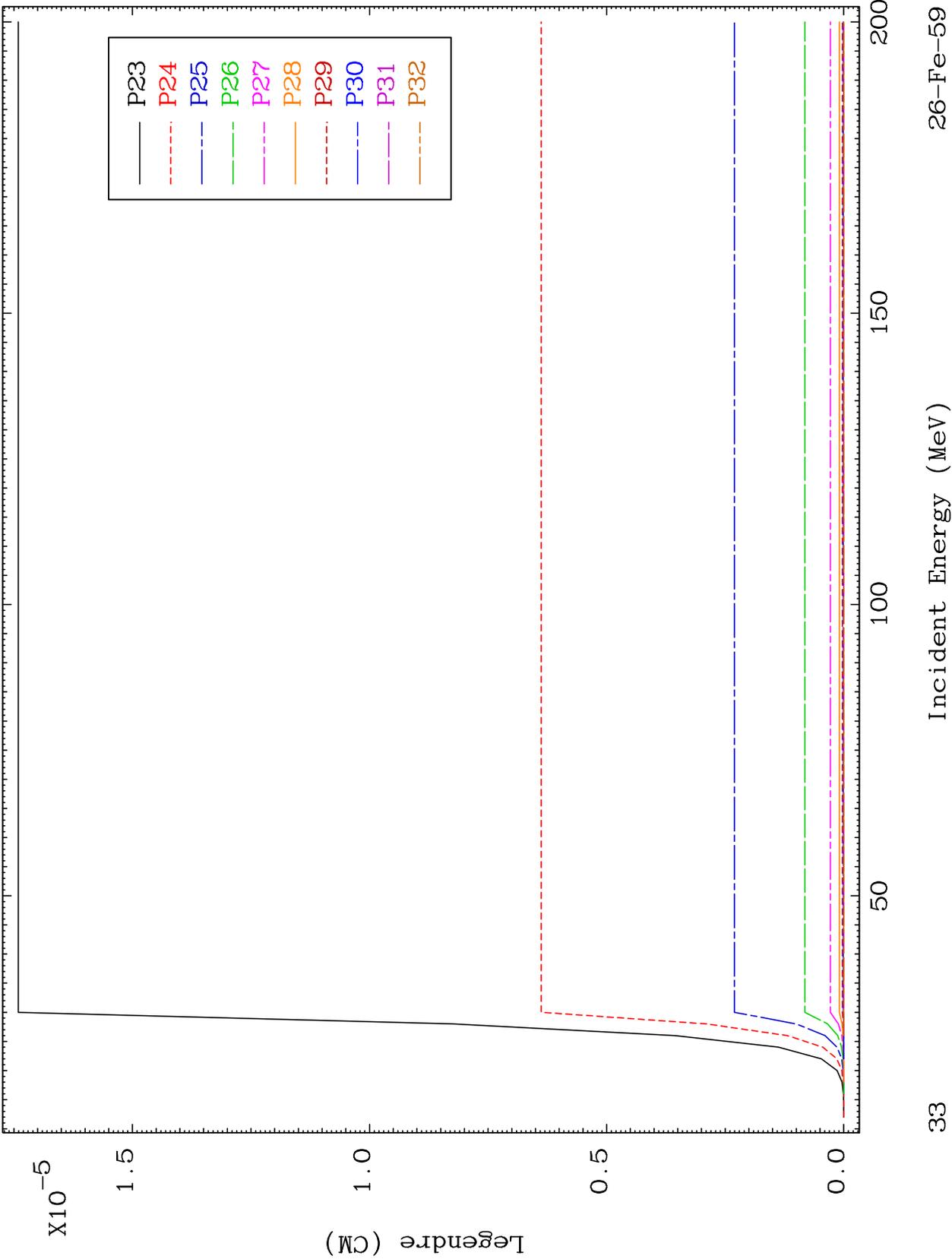


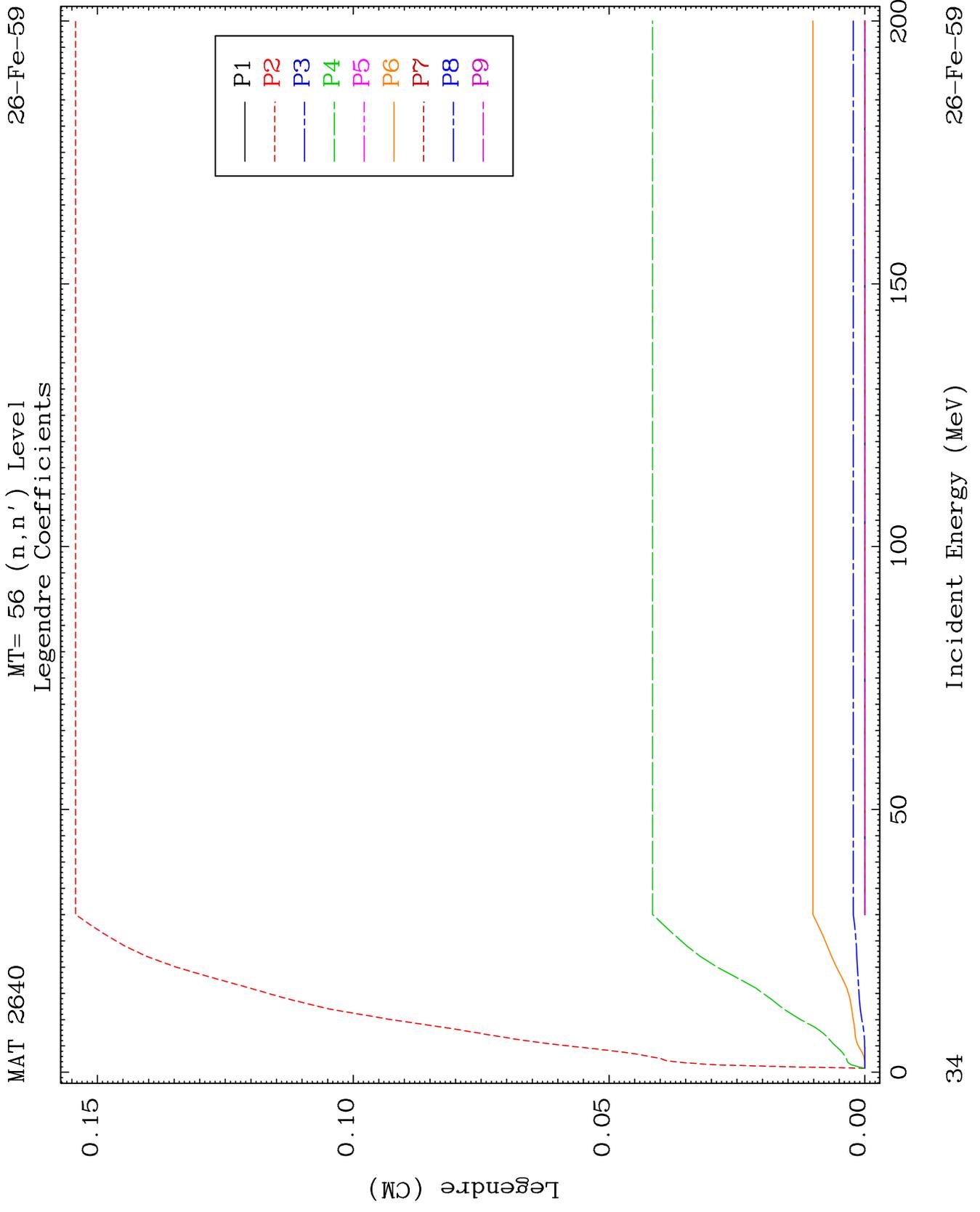


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MT= 55 (n,n') Level
Legendre Coefficients

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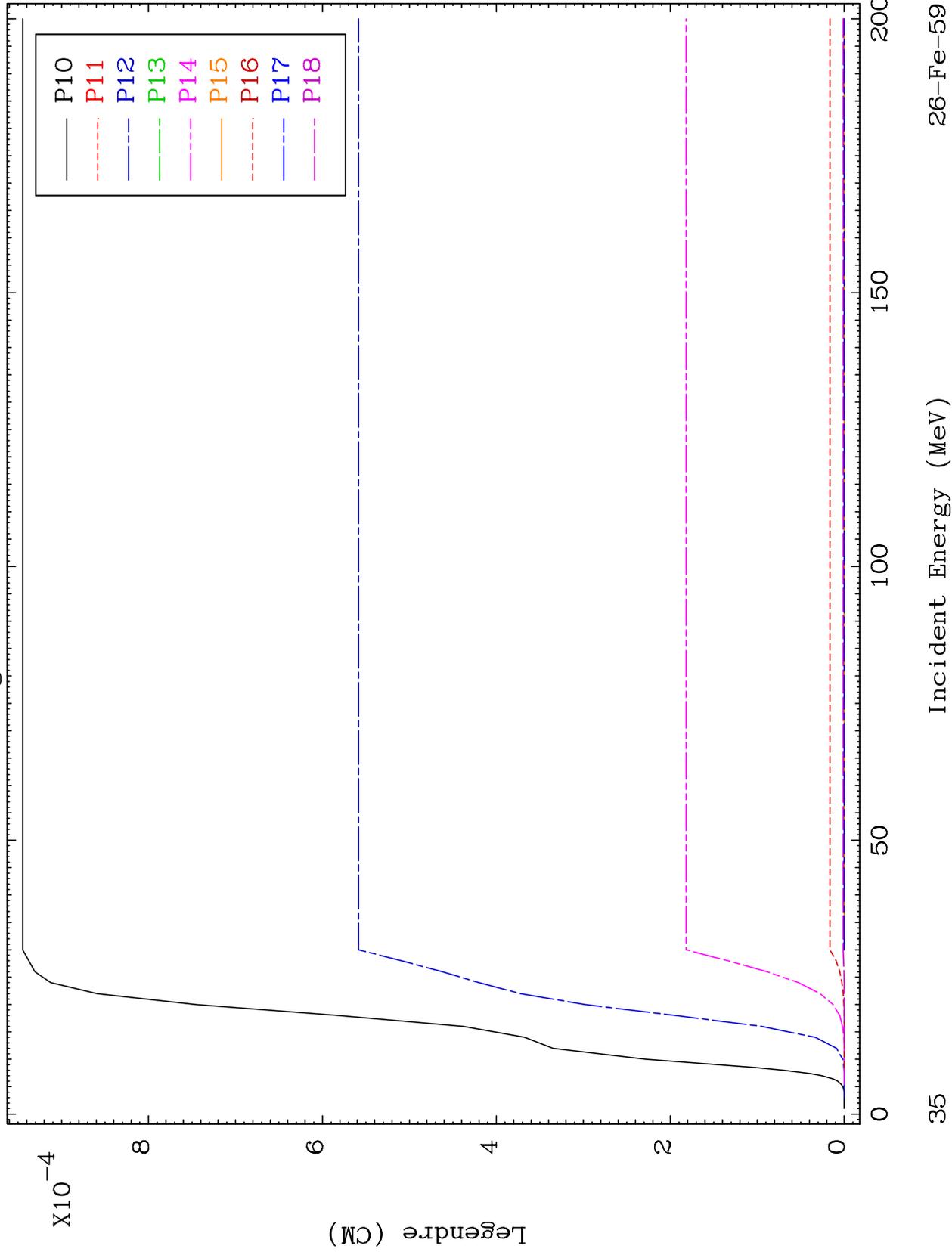




MAT 2640

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

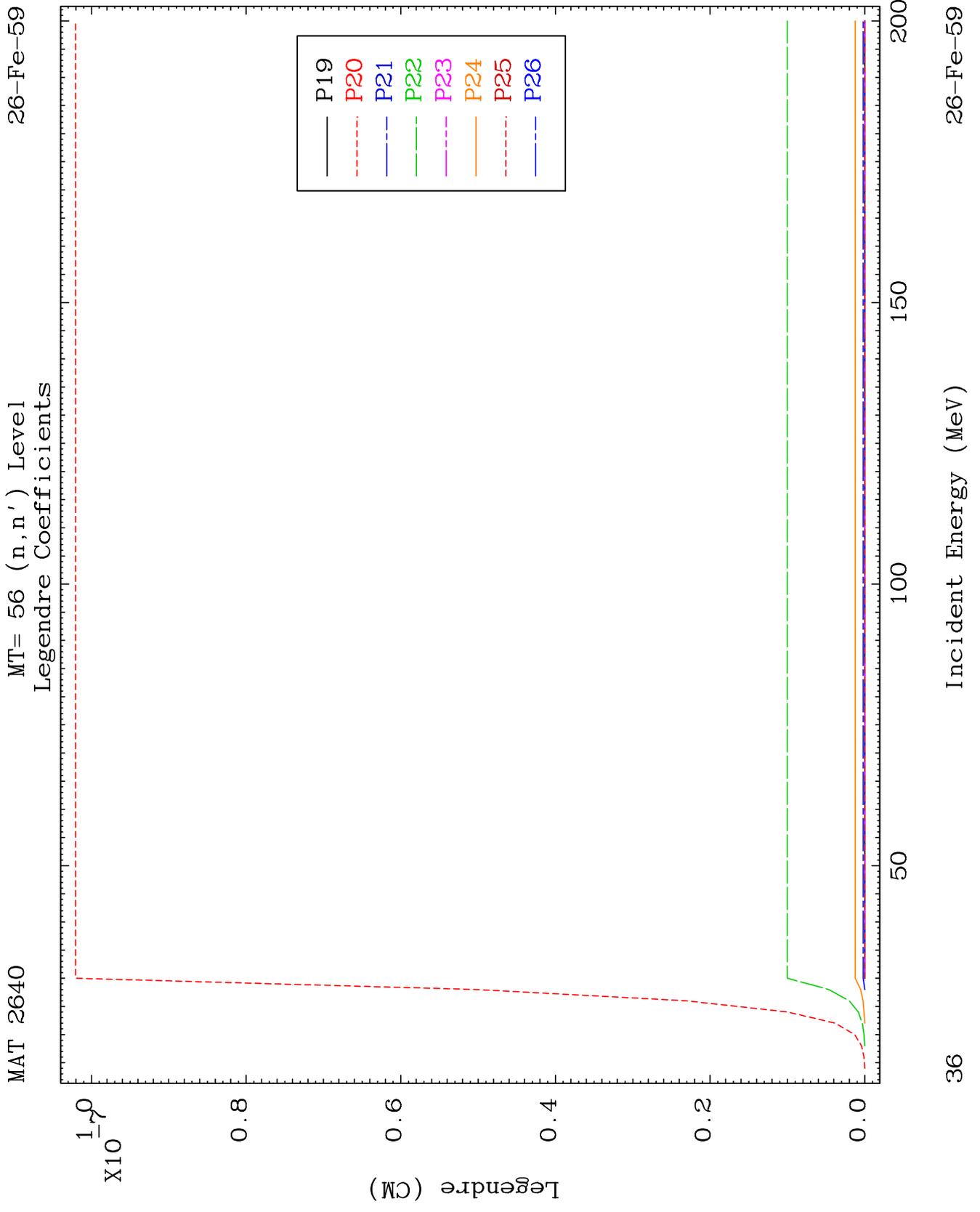
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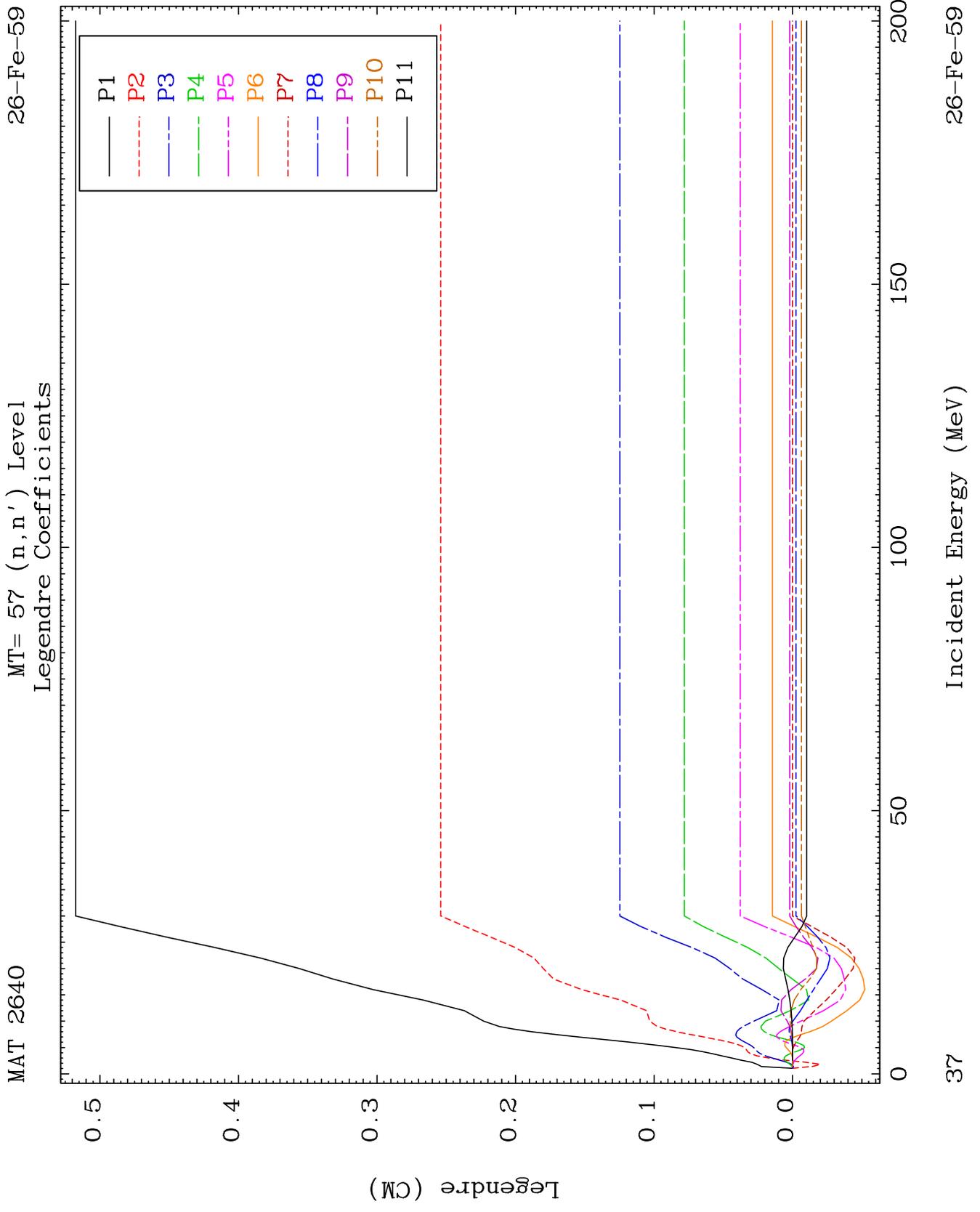


26-Fe-59

Incident Energy (MeV)

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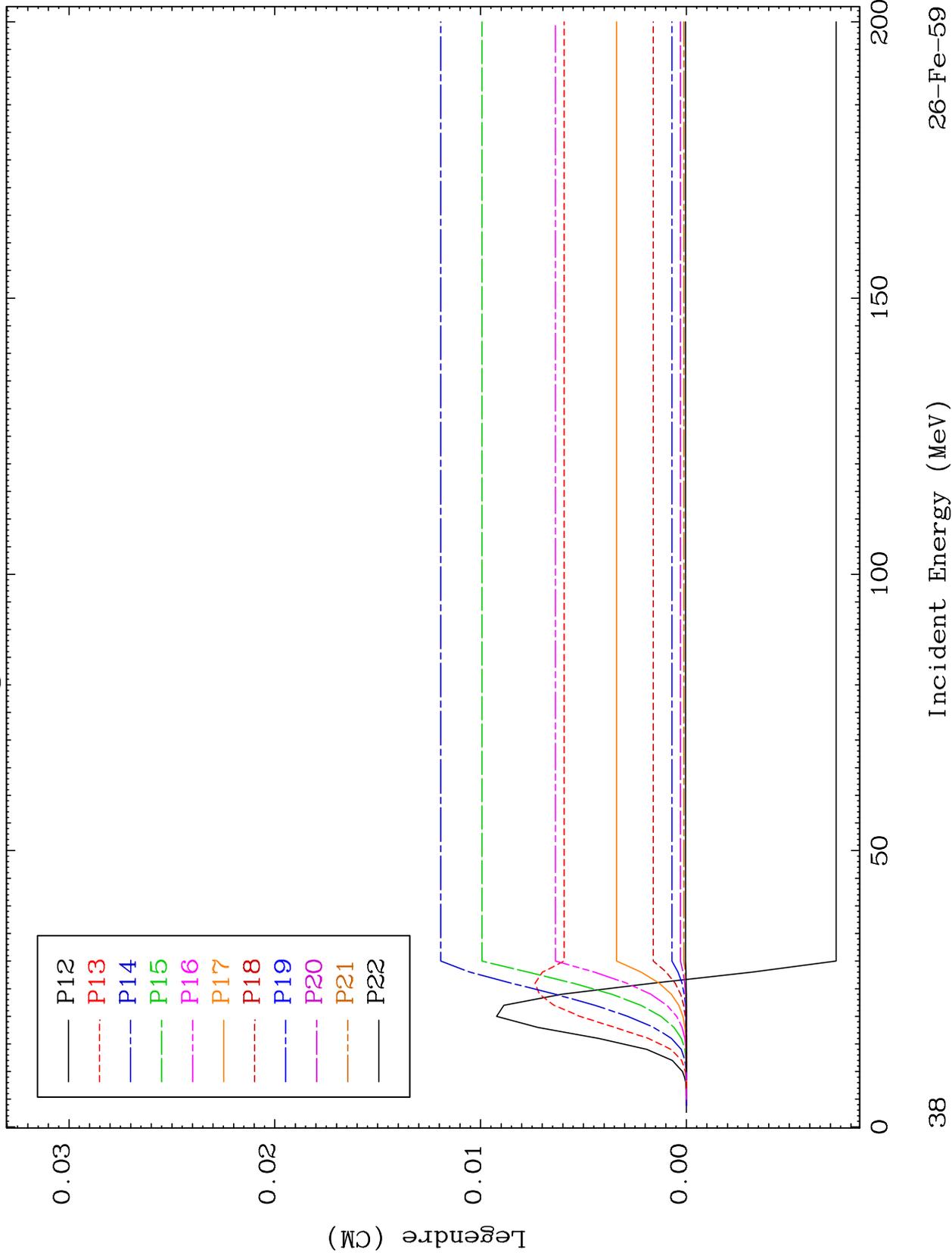




MAT 2640

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

26-Fe-59



38

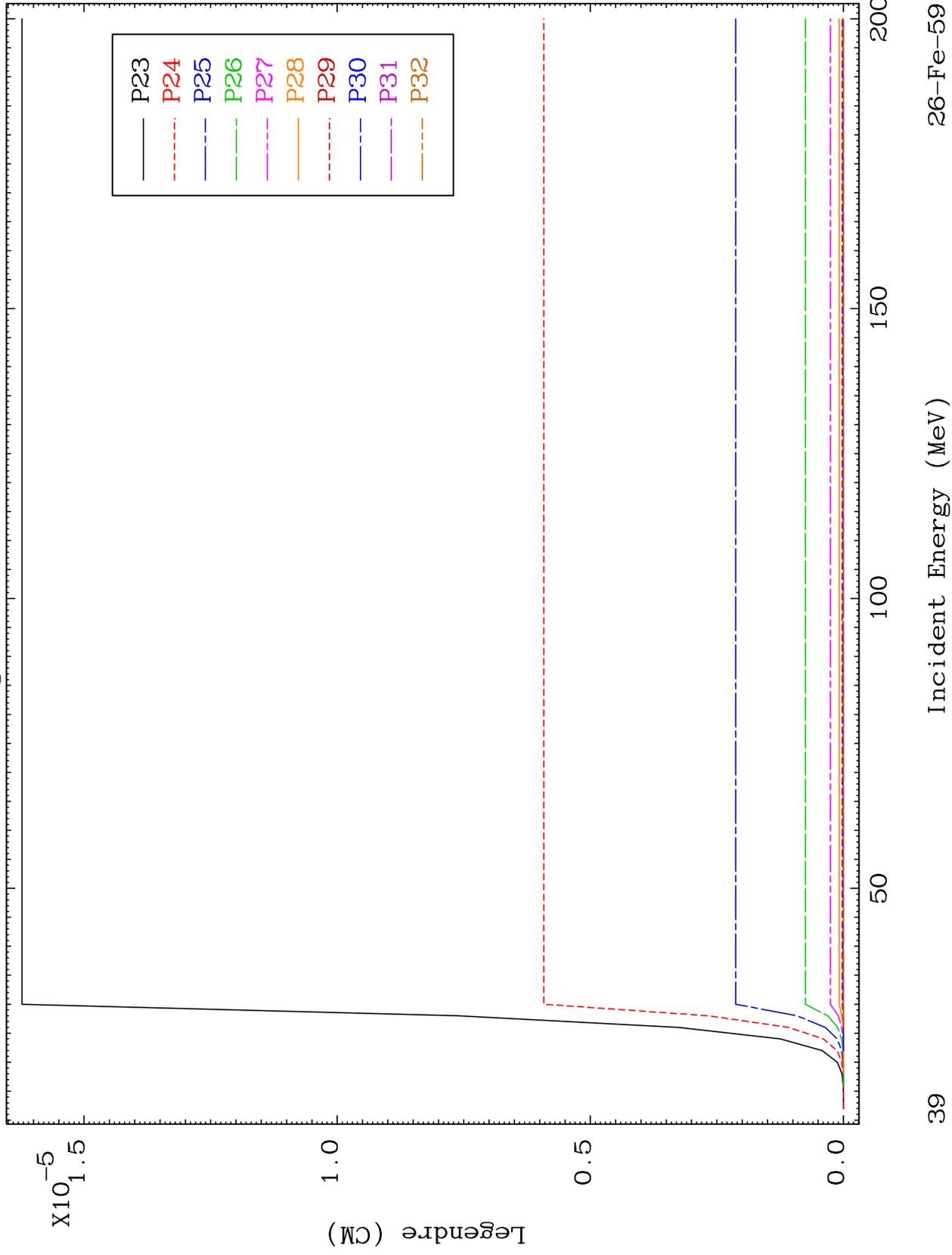
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

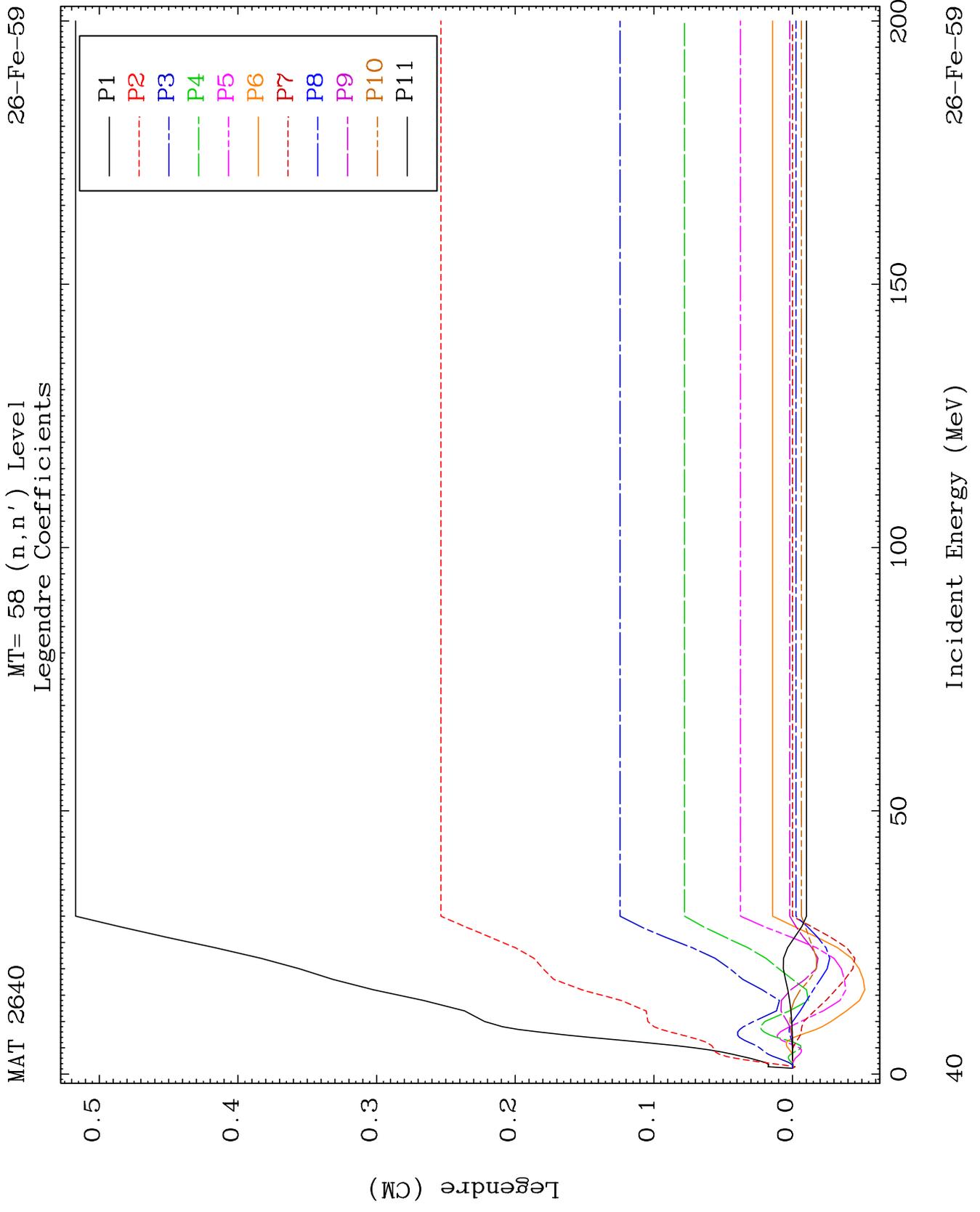
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Incident Energy (MeV)

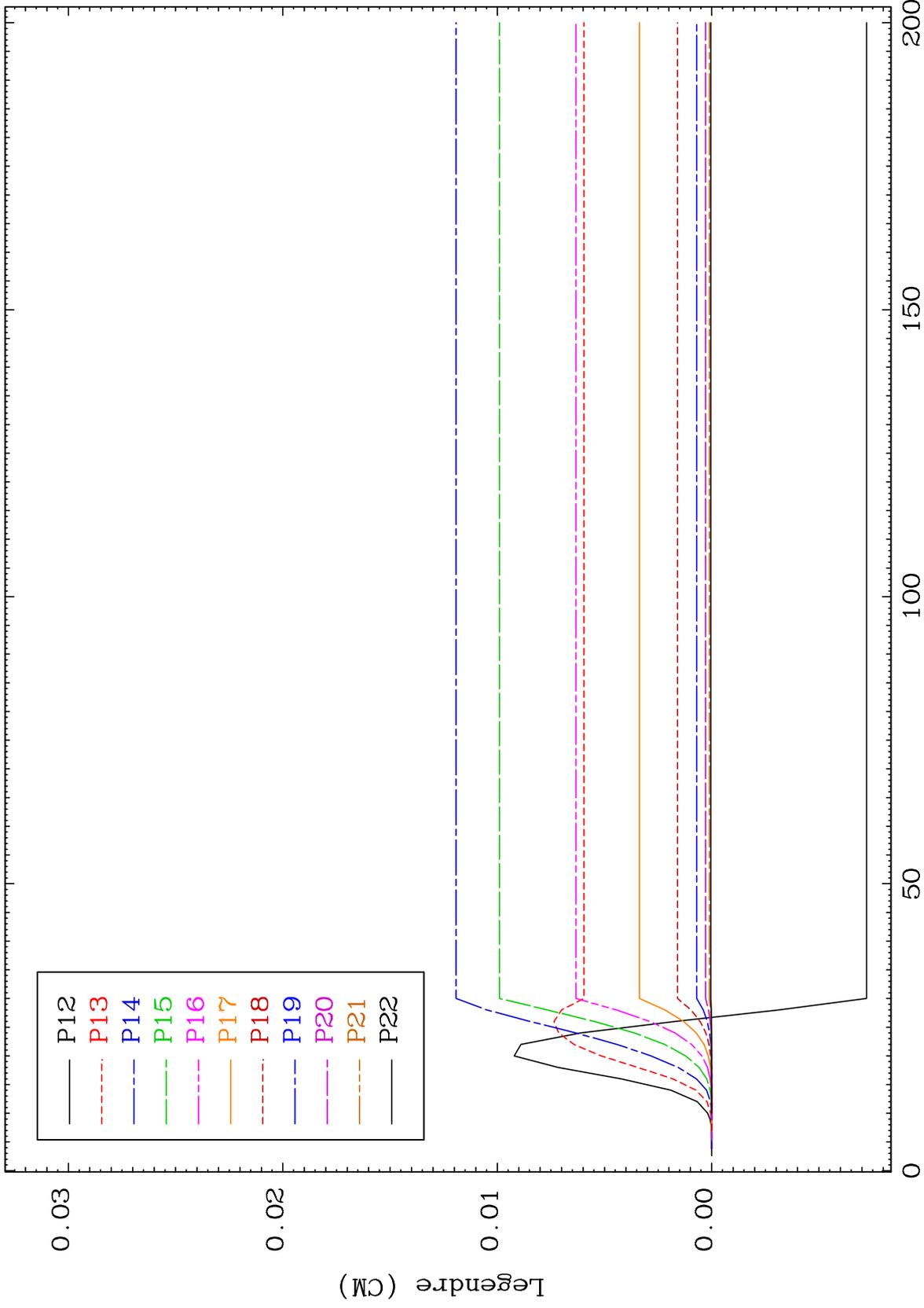
26-Fe-59



MAT 2640

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

26-Fe-59



41

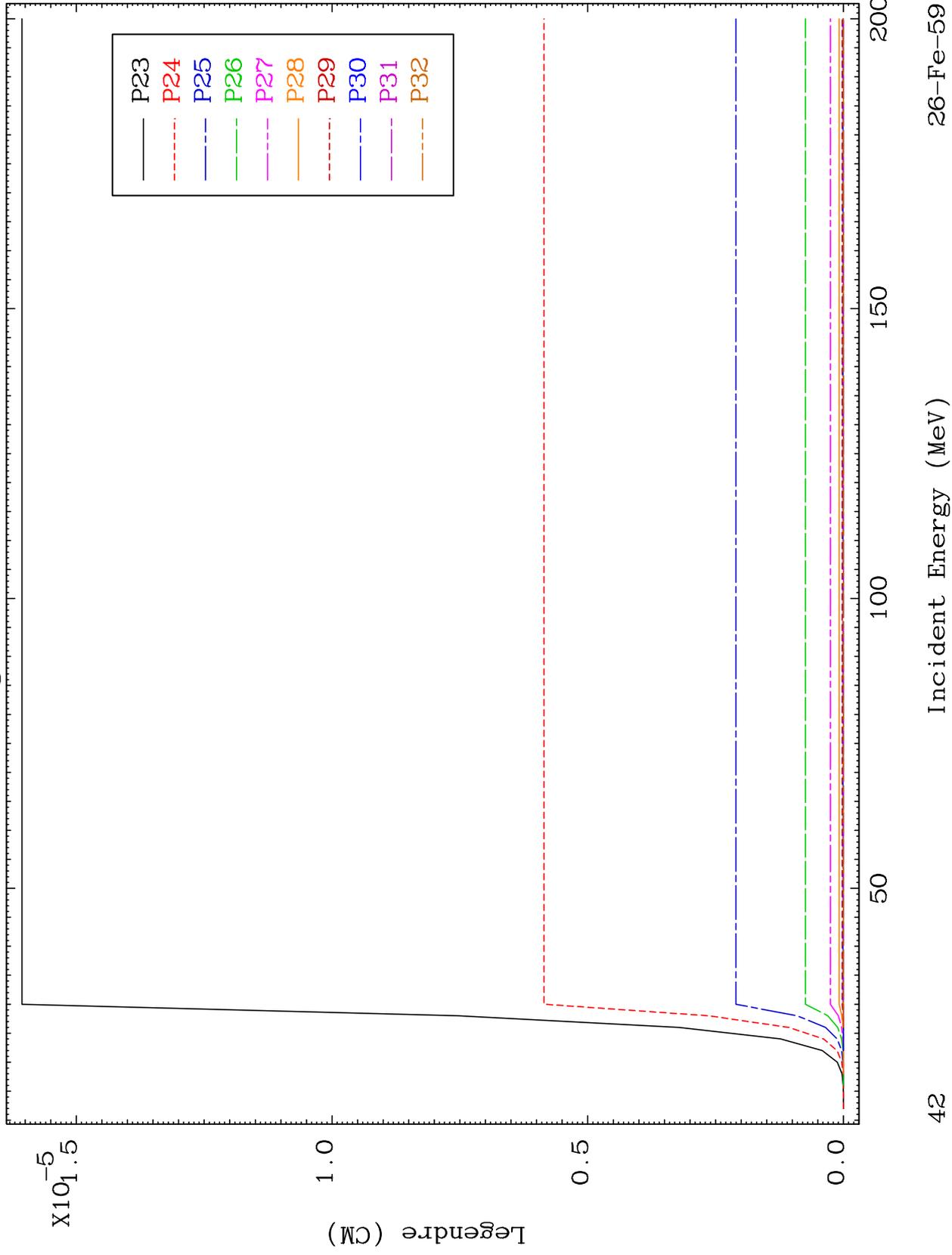
Incident Energy (MeV)

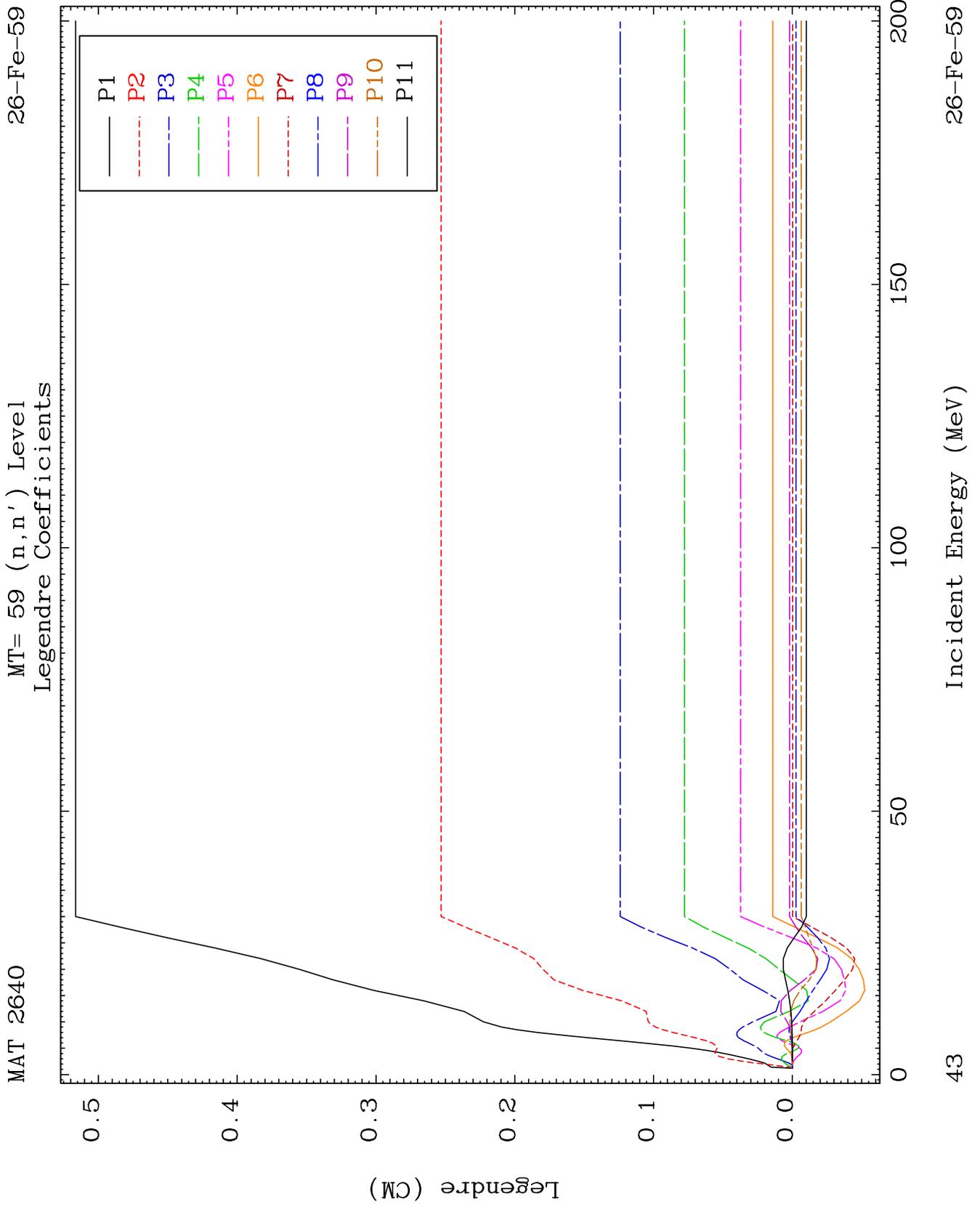
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MAT 2640

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

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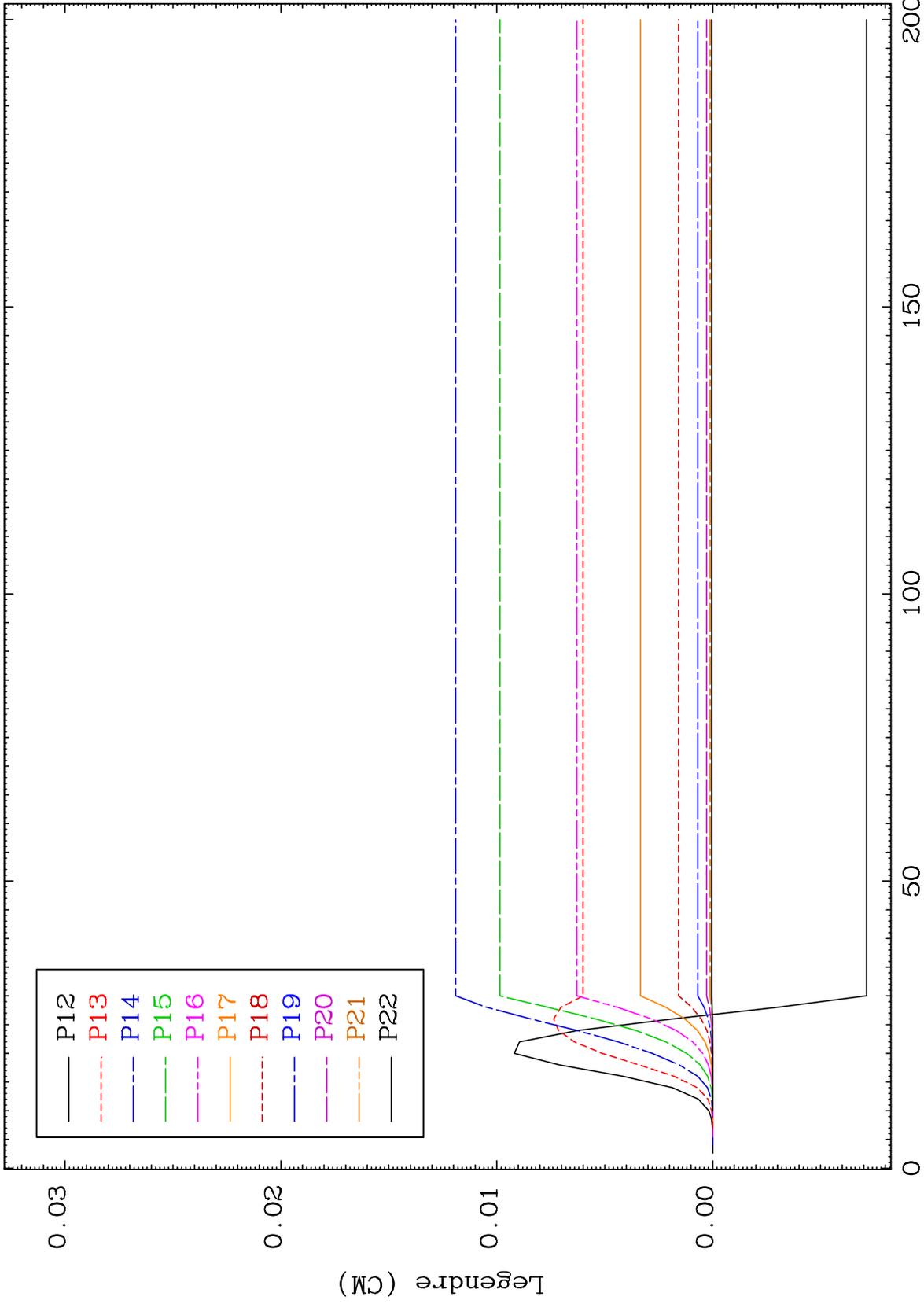




MAT 2640

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

26-Fe-59



44

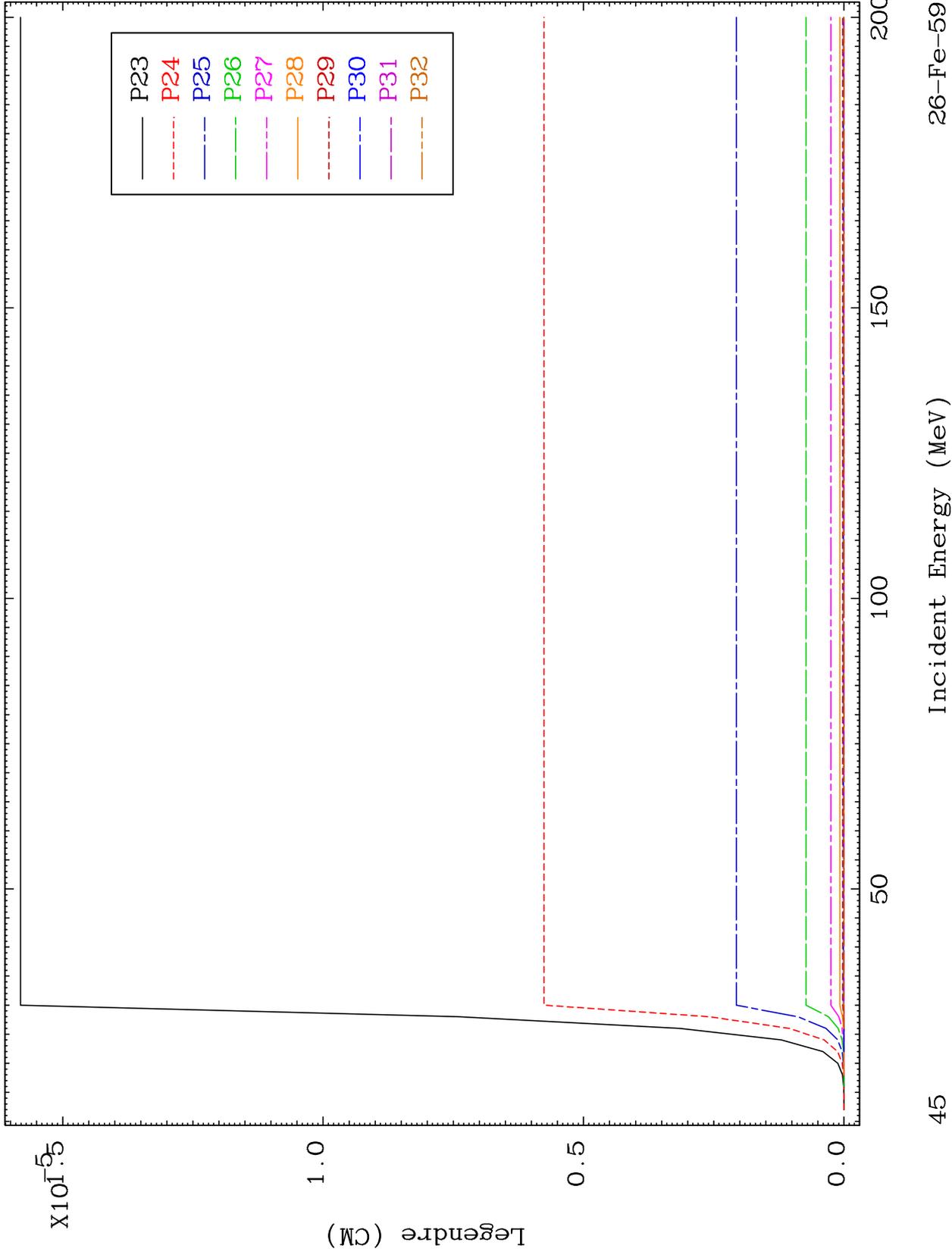
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

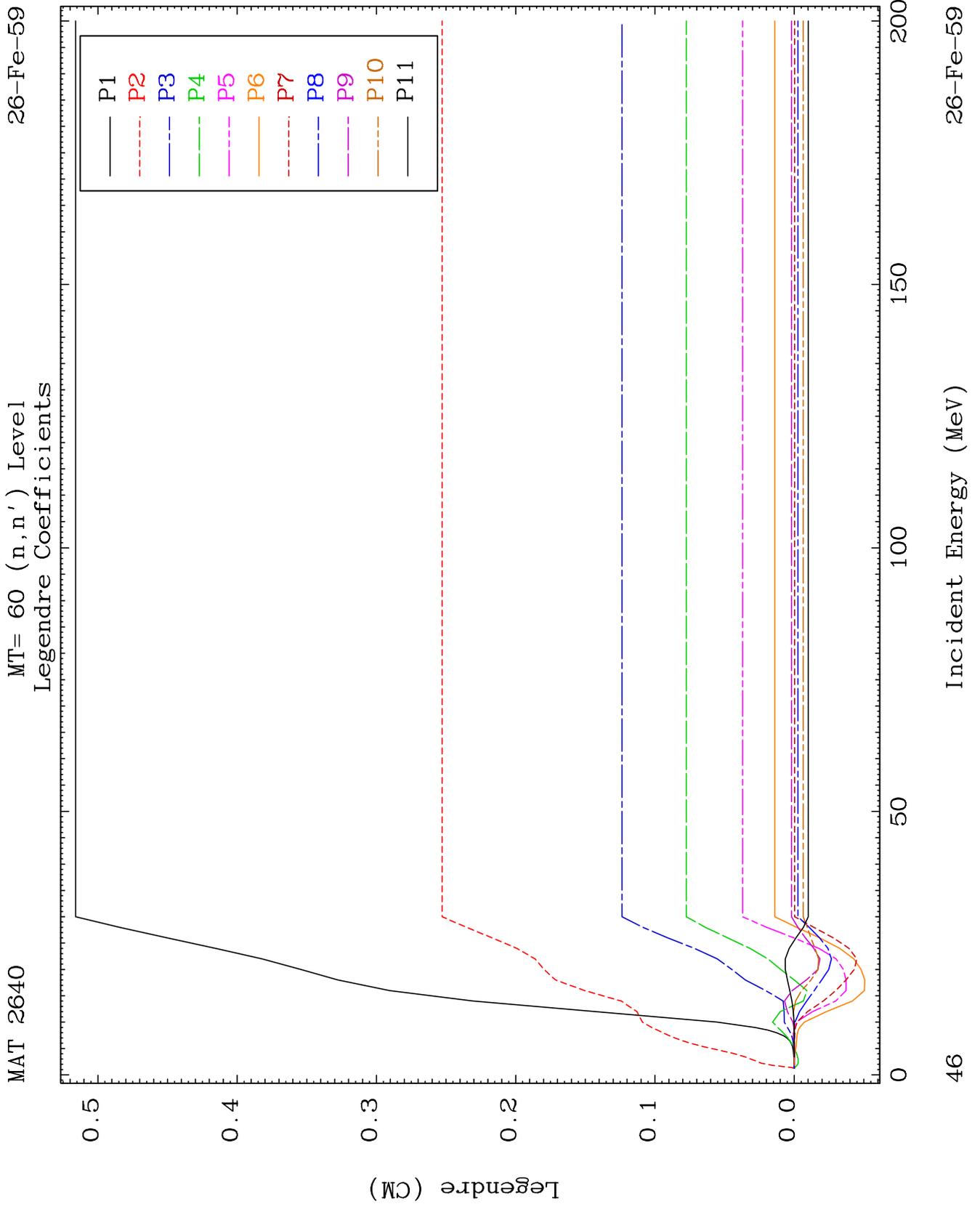
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45

Incident Energy (MeV)

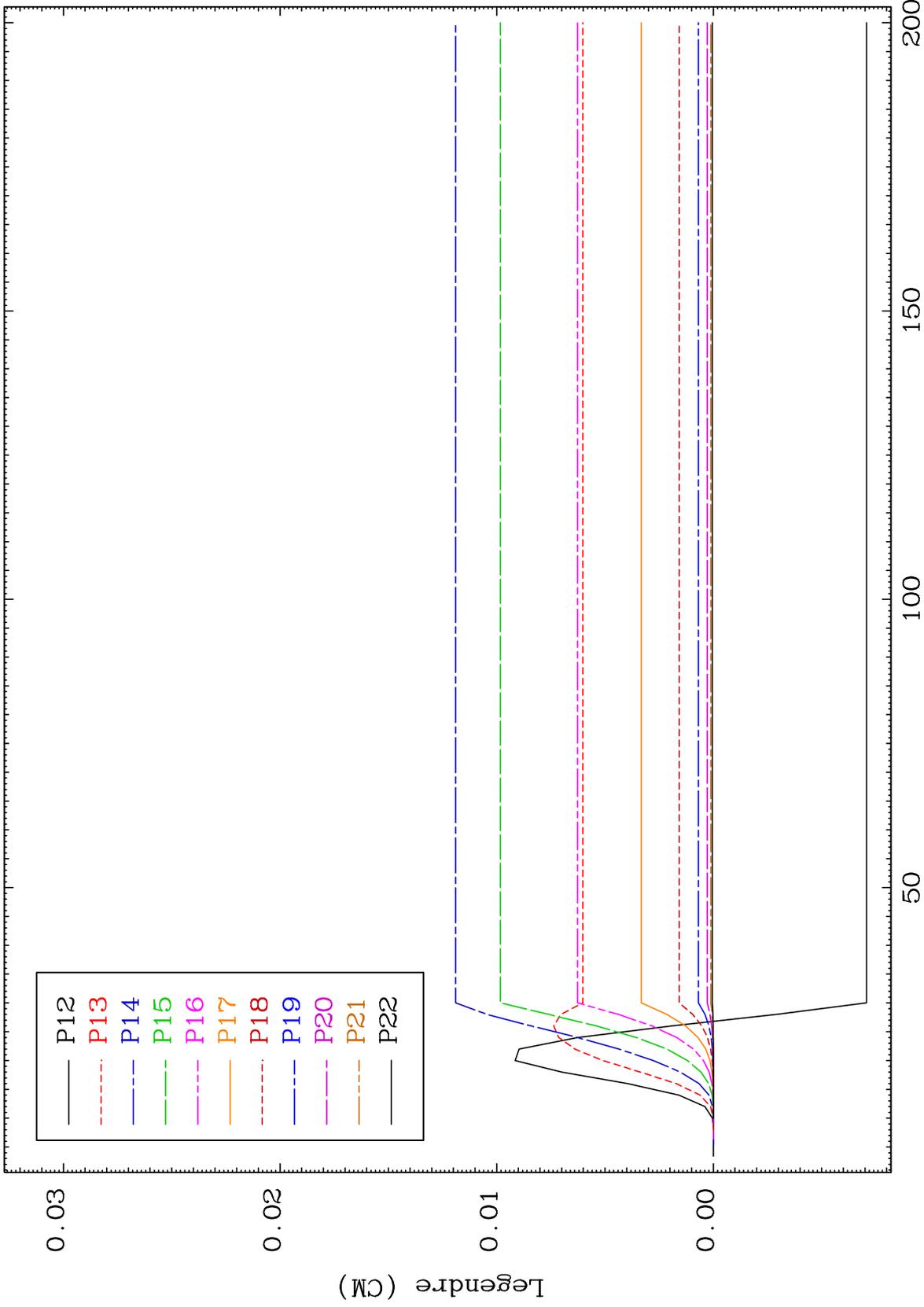
26-Fe-59



MAT 2640

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

26-Fe-59



47

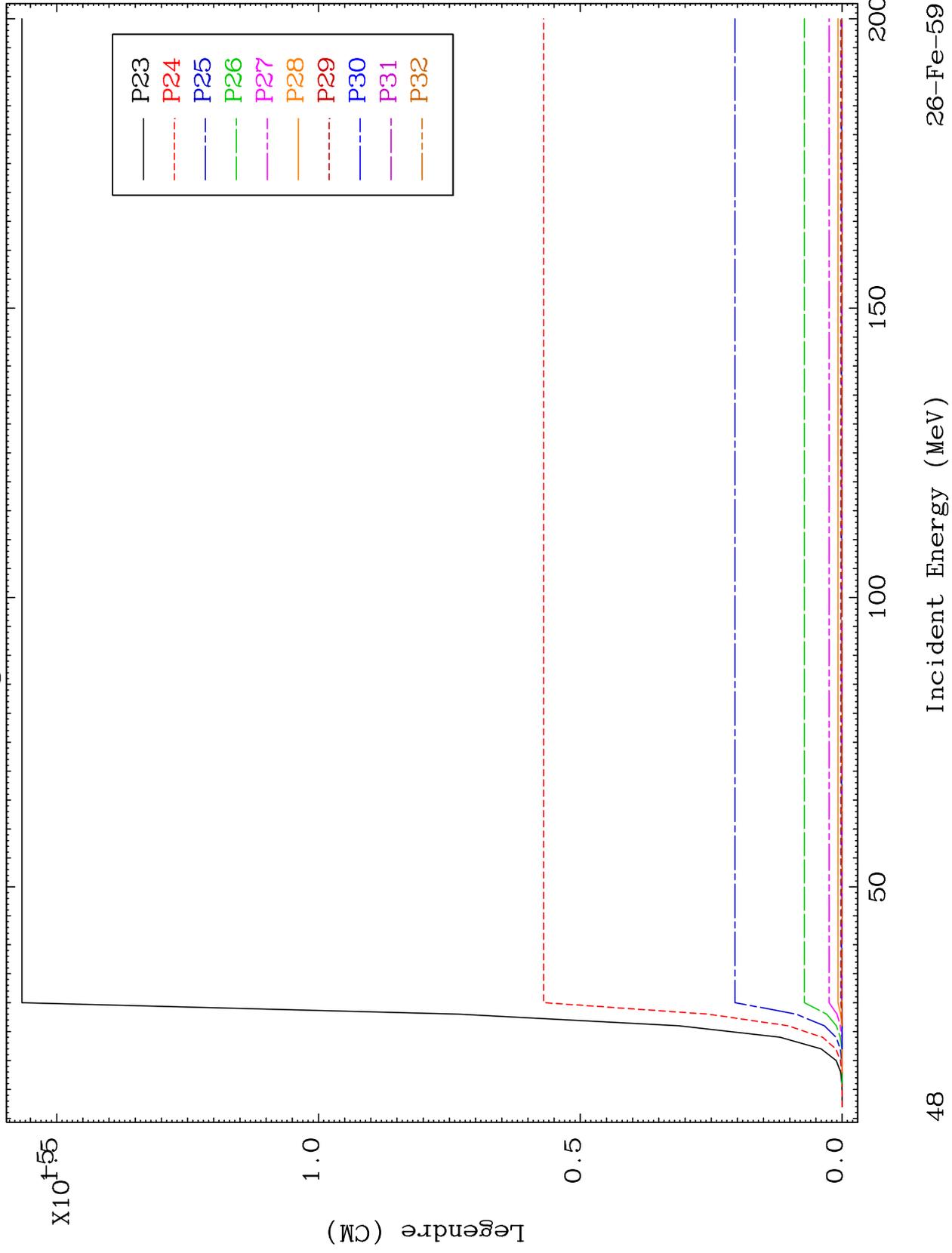
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26-Fe-59

MAT 2640

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

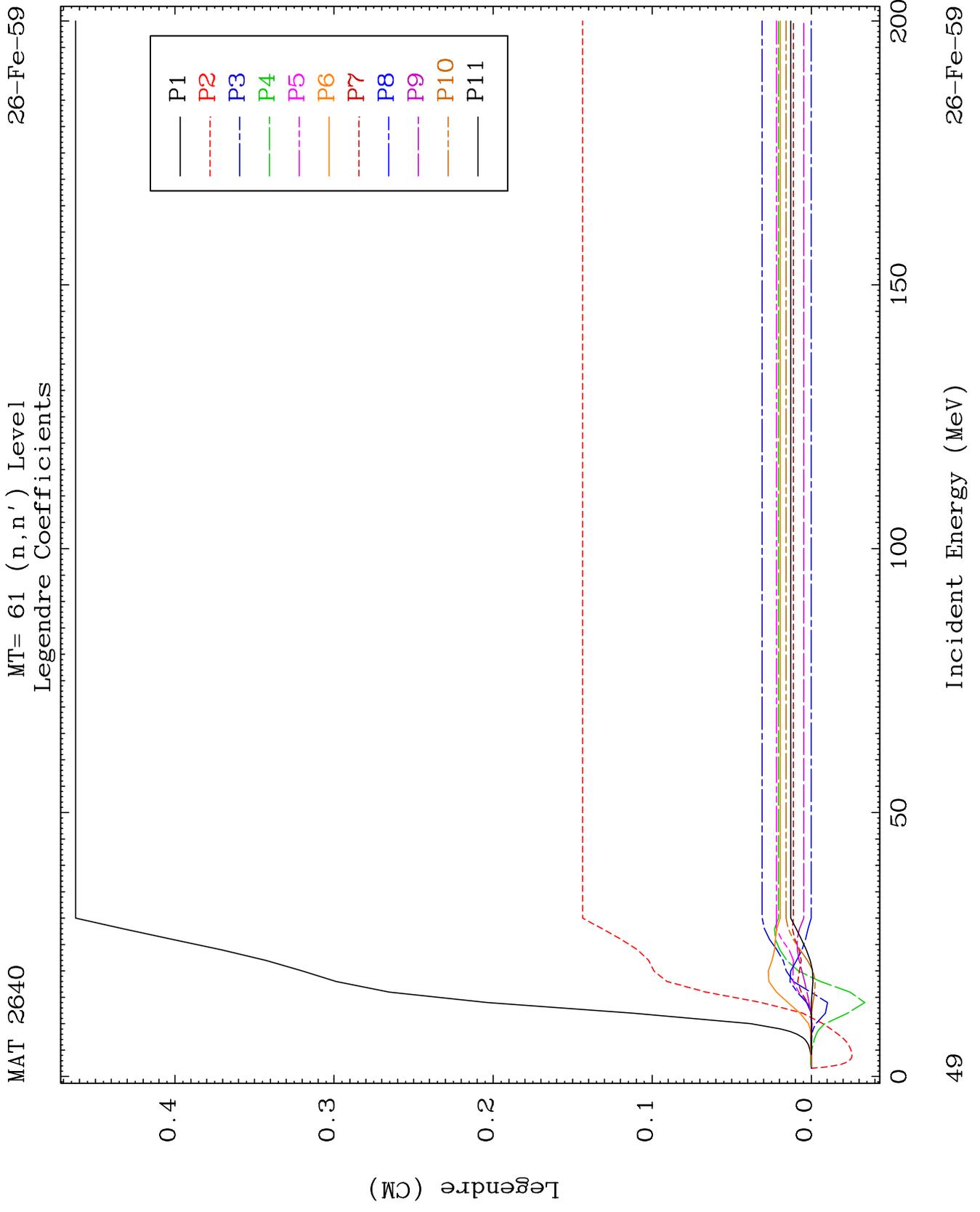
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48

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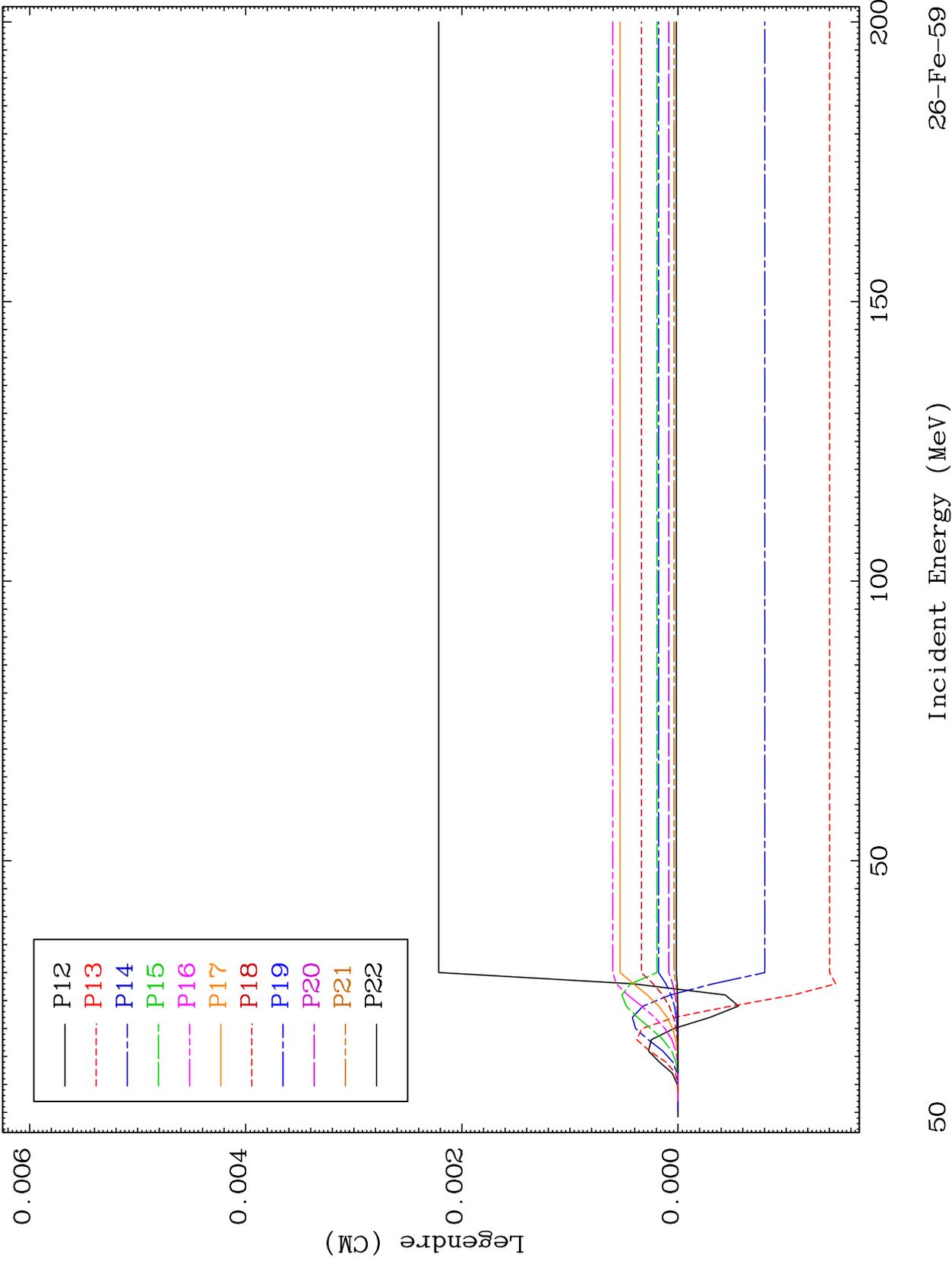
26-Fe-59



MAT 2640

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

26-Fe-59



26-Fe-59

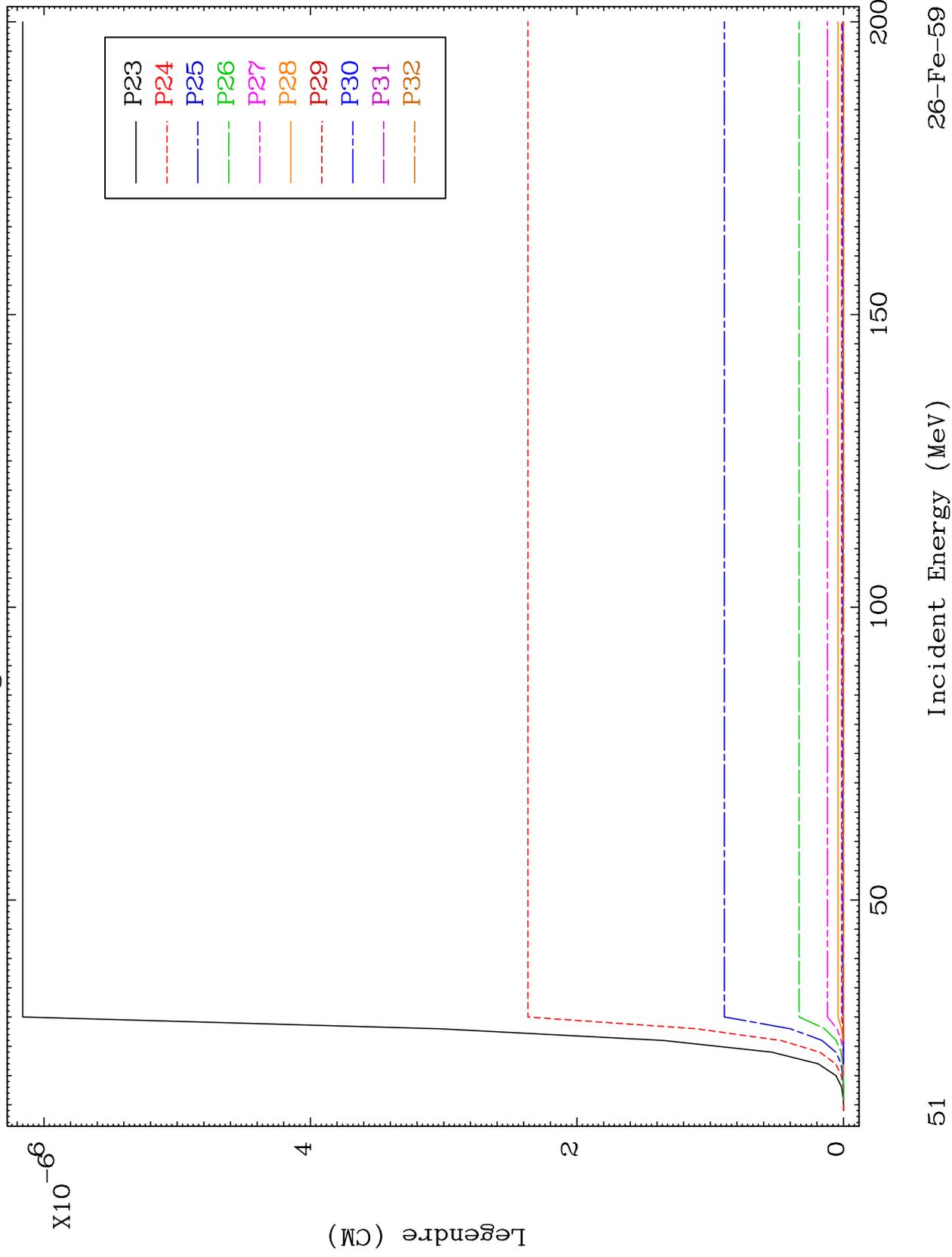
Incident Energy (MeV)

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MAT 2640

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

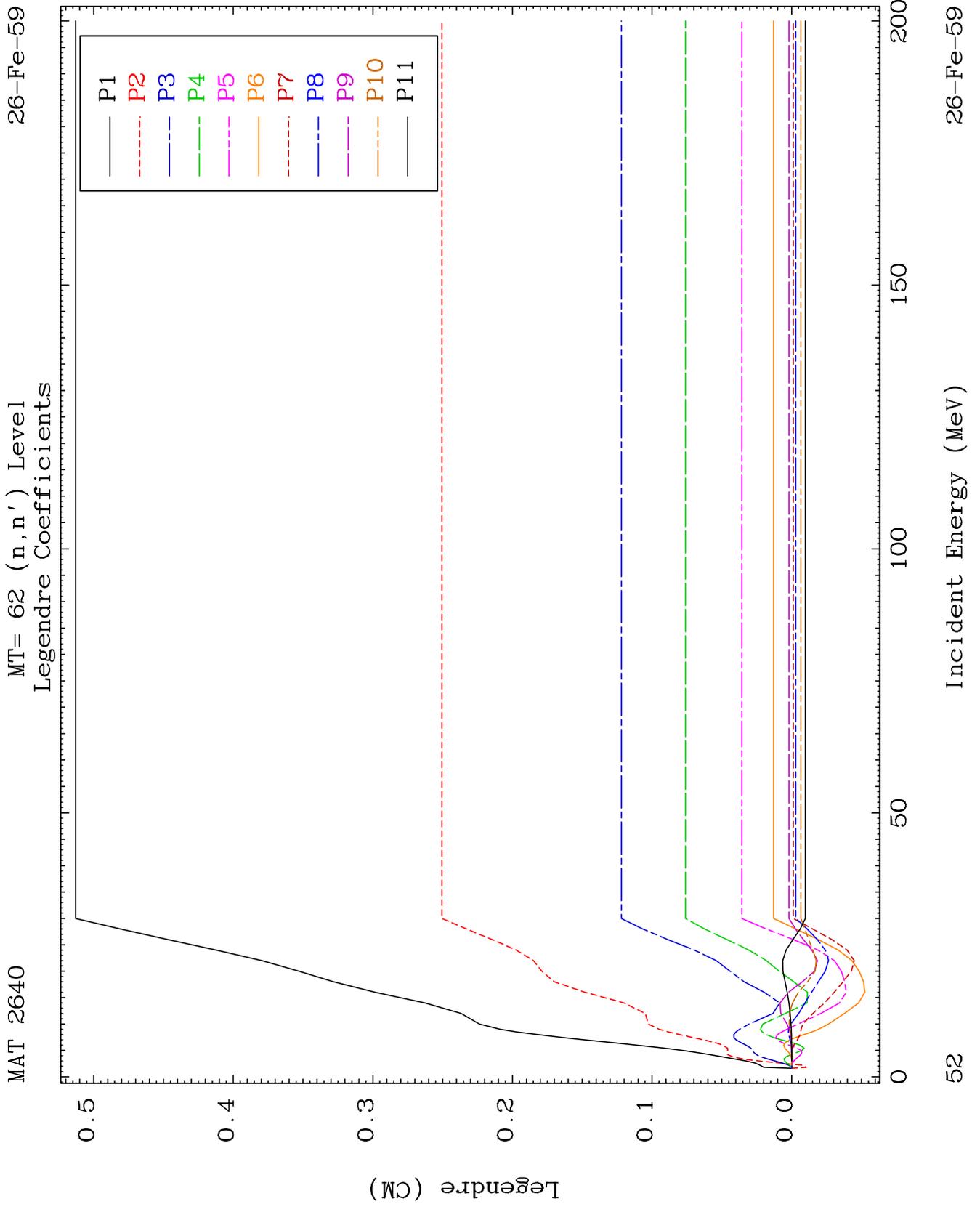
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Incident Energy (MeV)

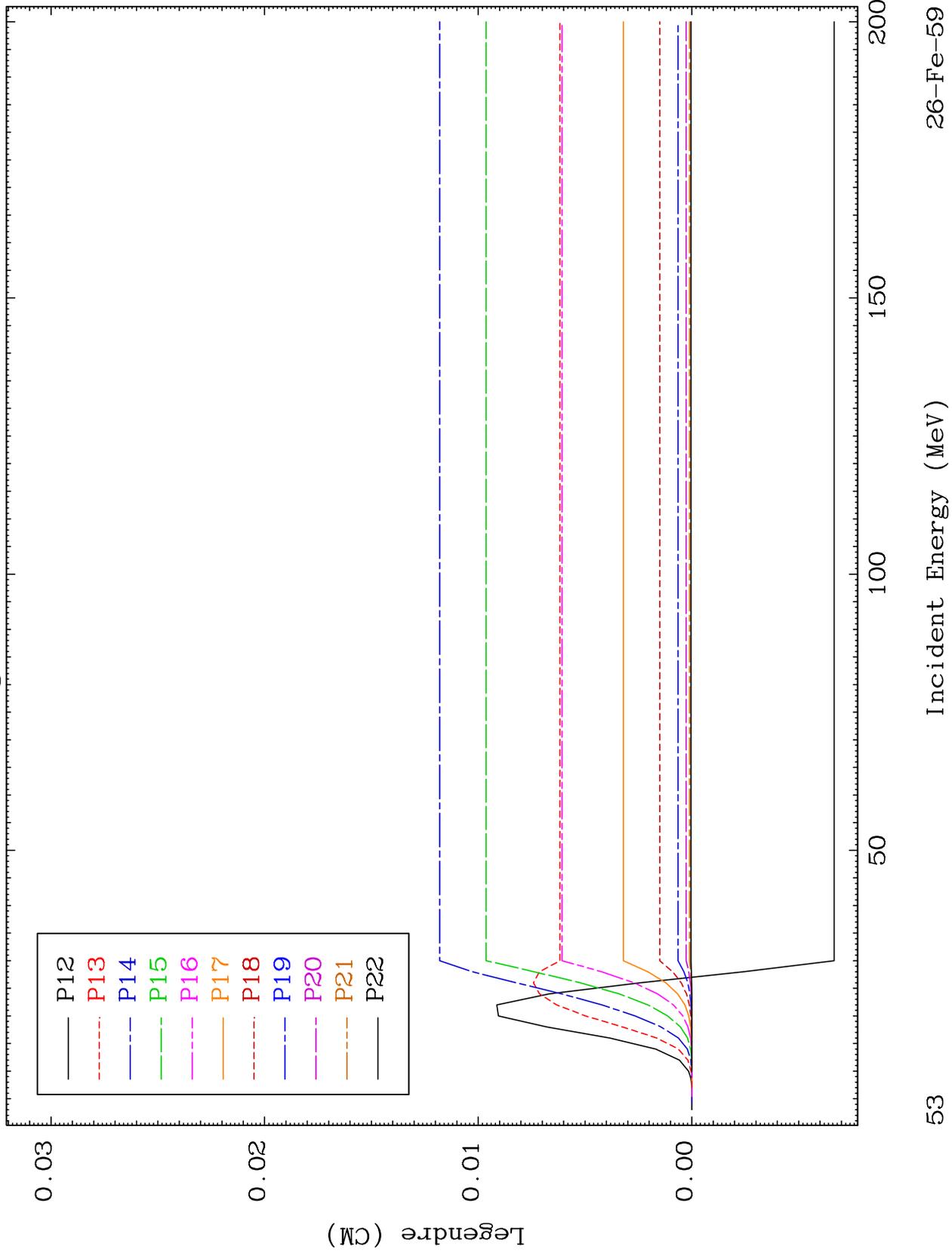
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MAT 2640

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

26-Fe-59



53

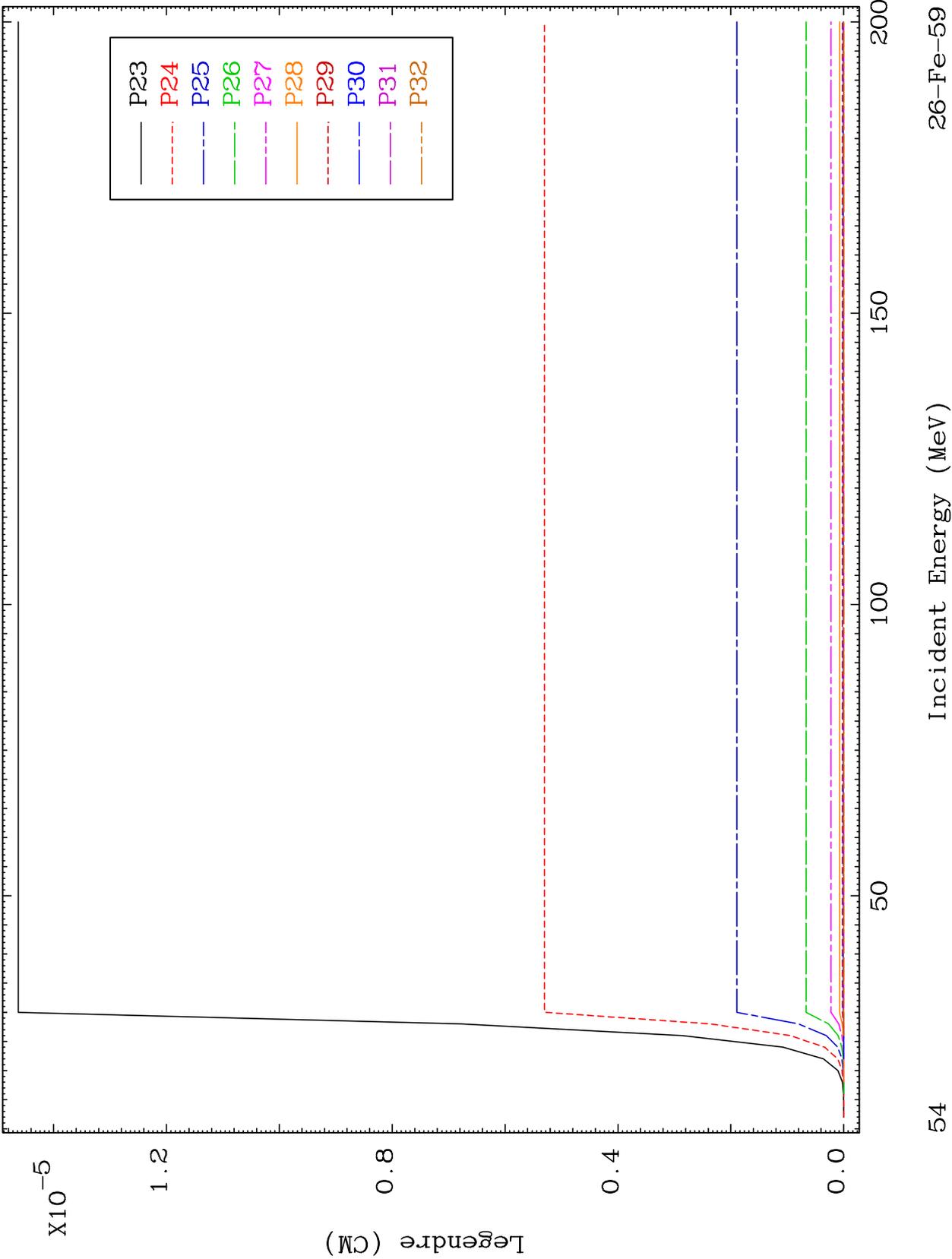
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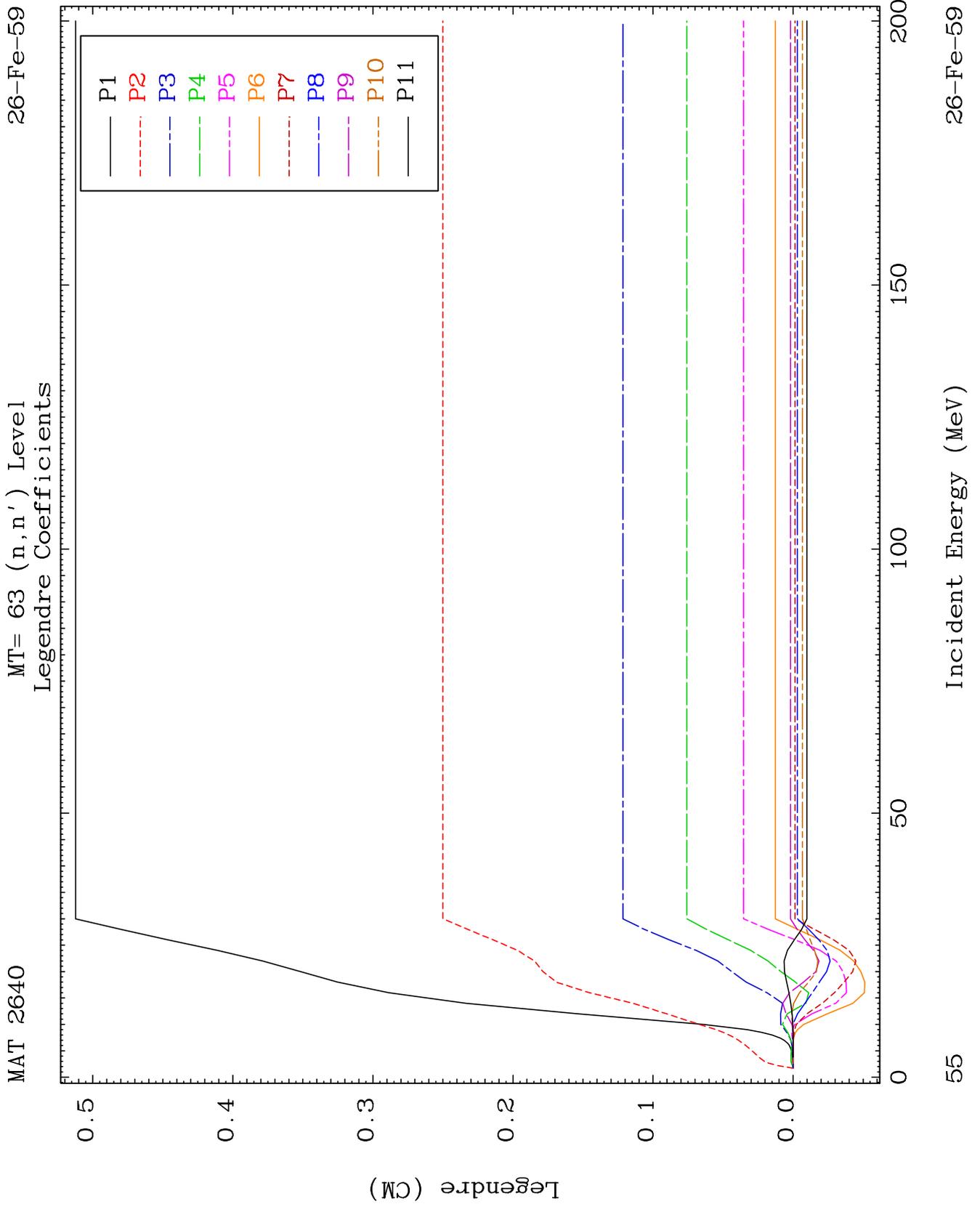
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MAT 2640

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

26-Fe-59

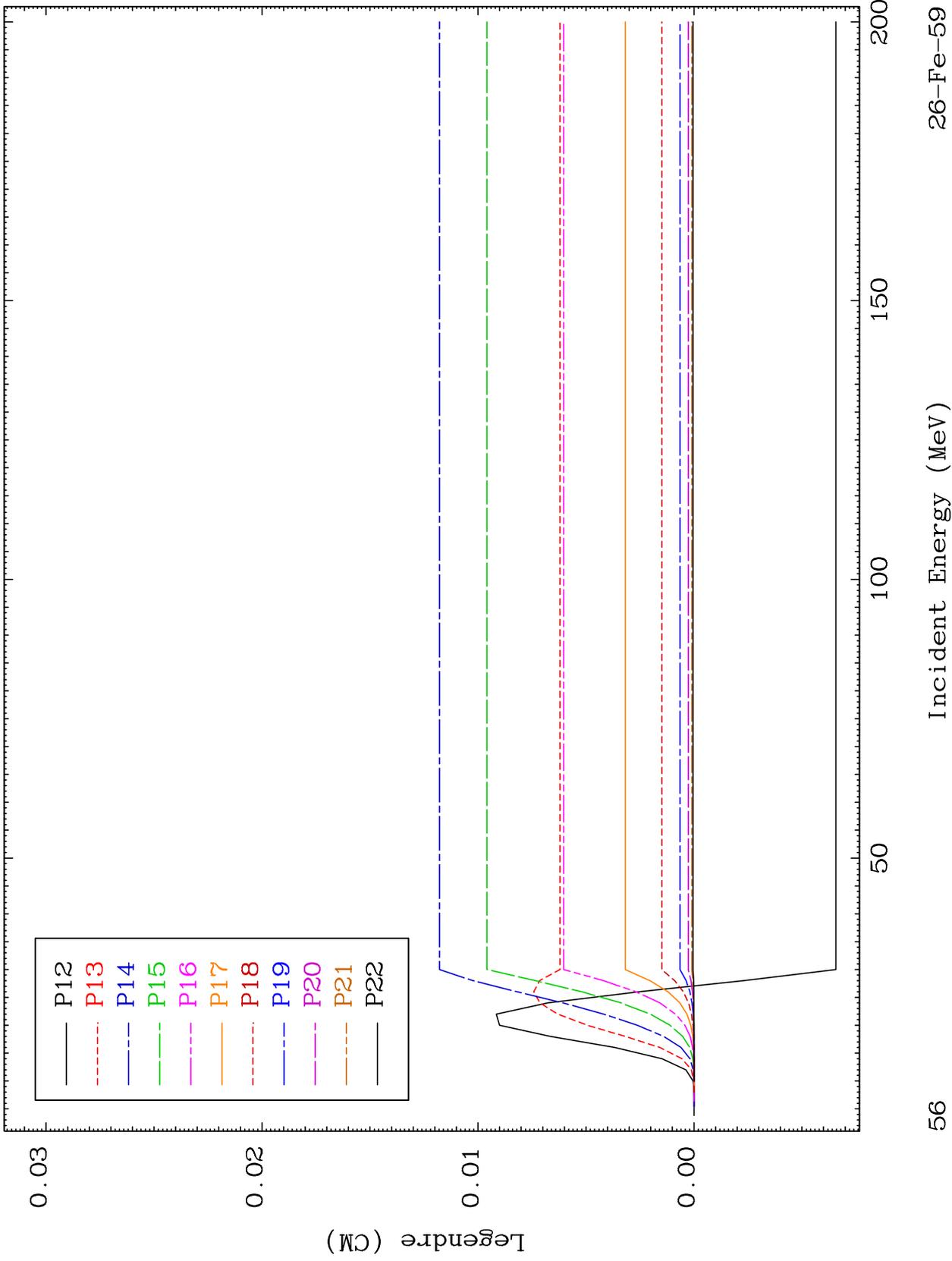




MAT 2640

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

26-Fe-59



56

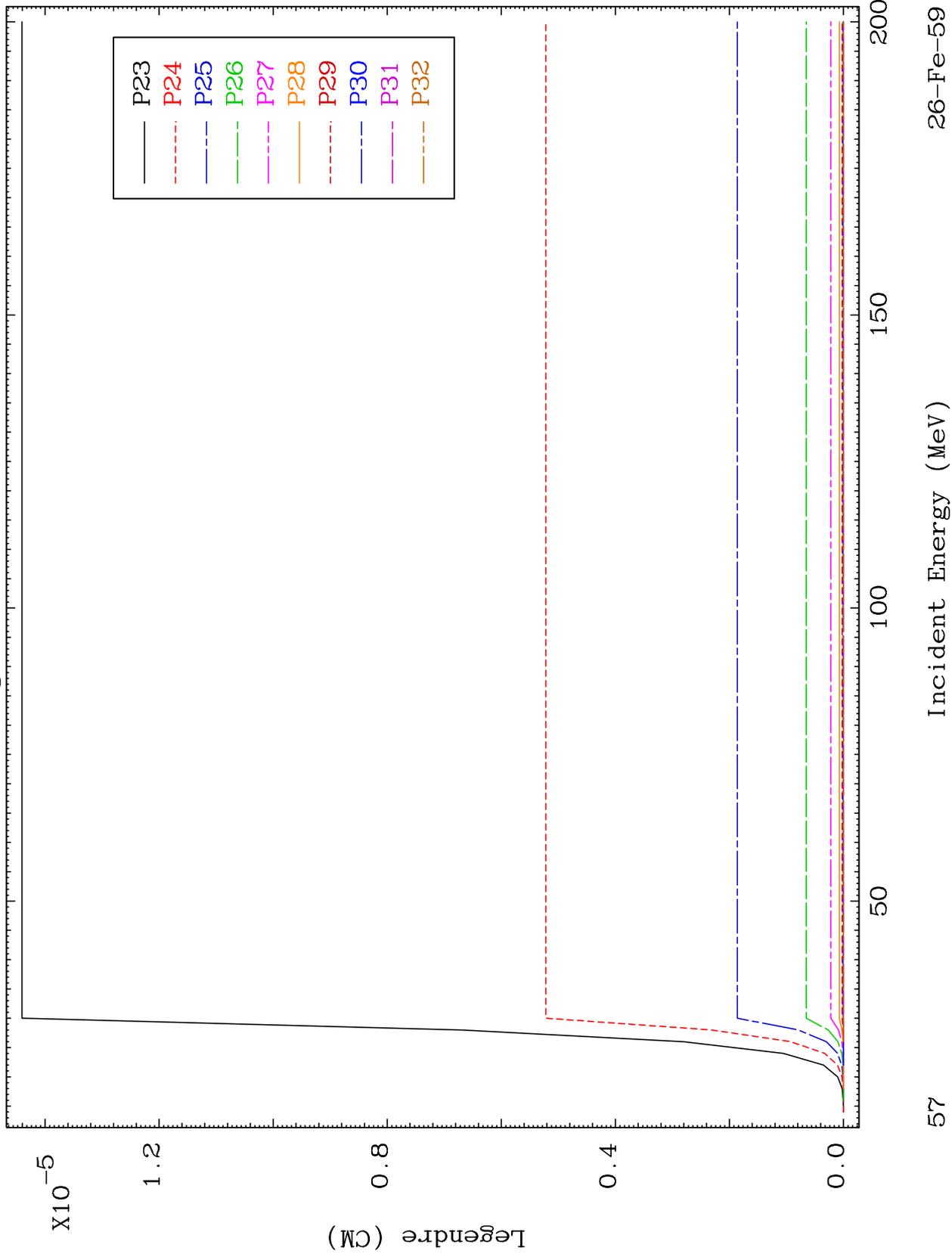
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

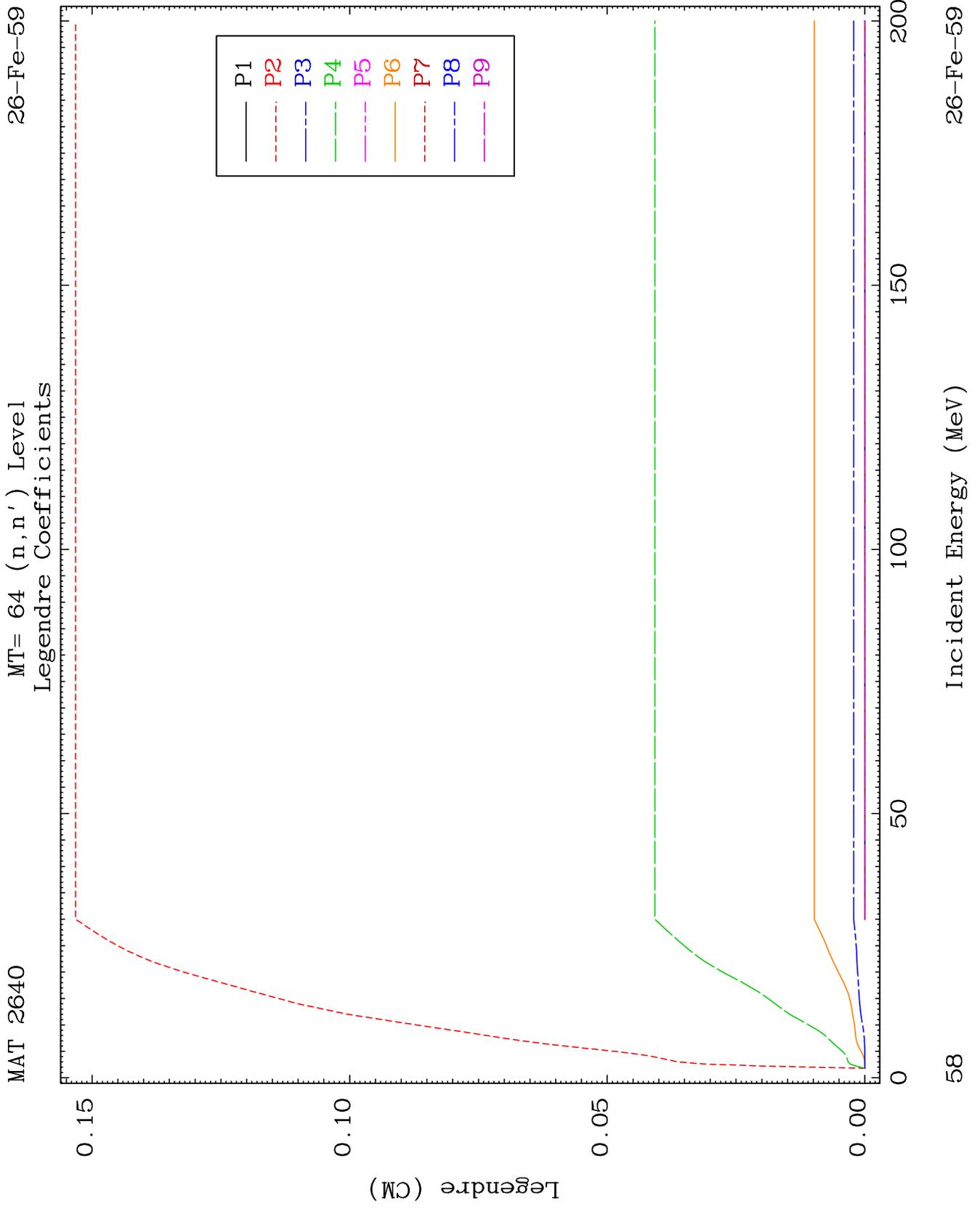
26-Fe-59



57

Incident Energy (MeV)

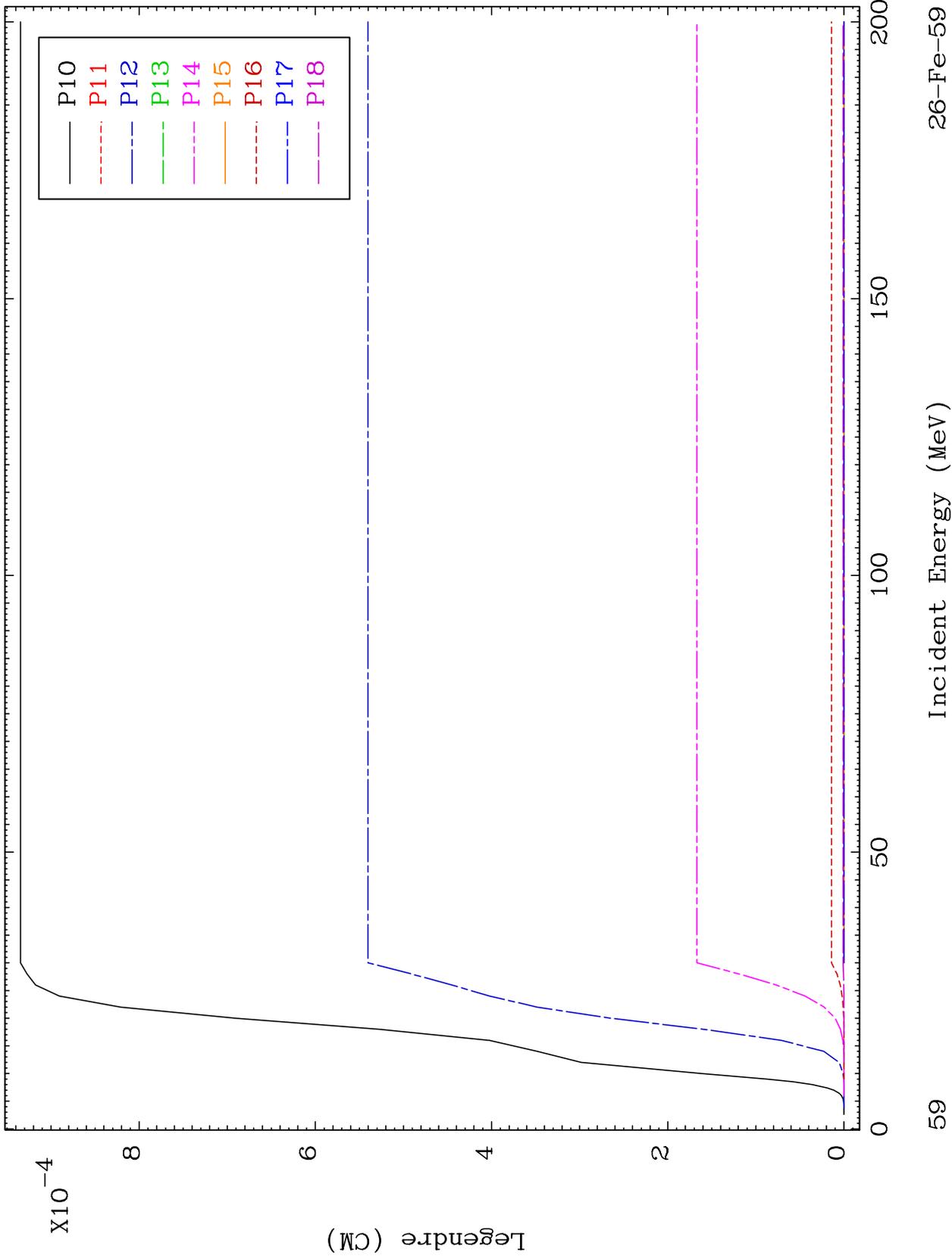
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MAT 2640

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

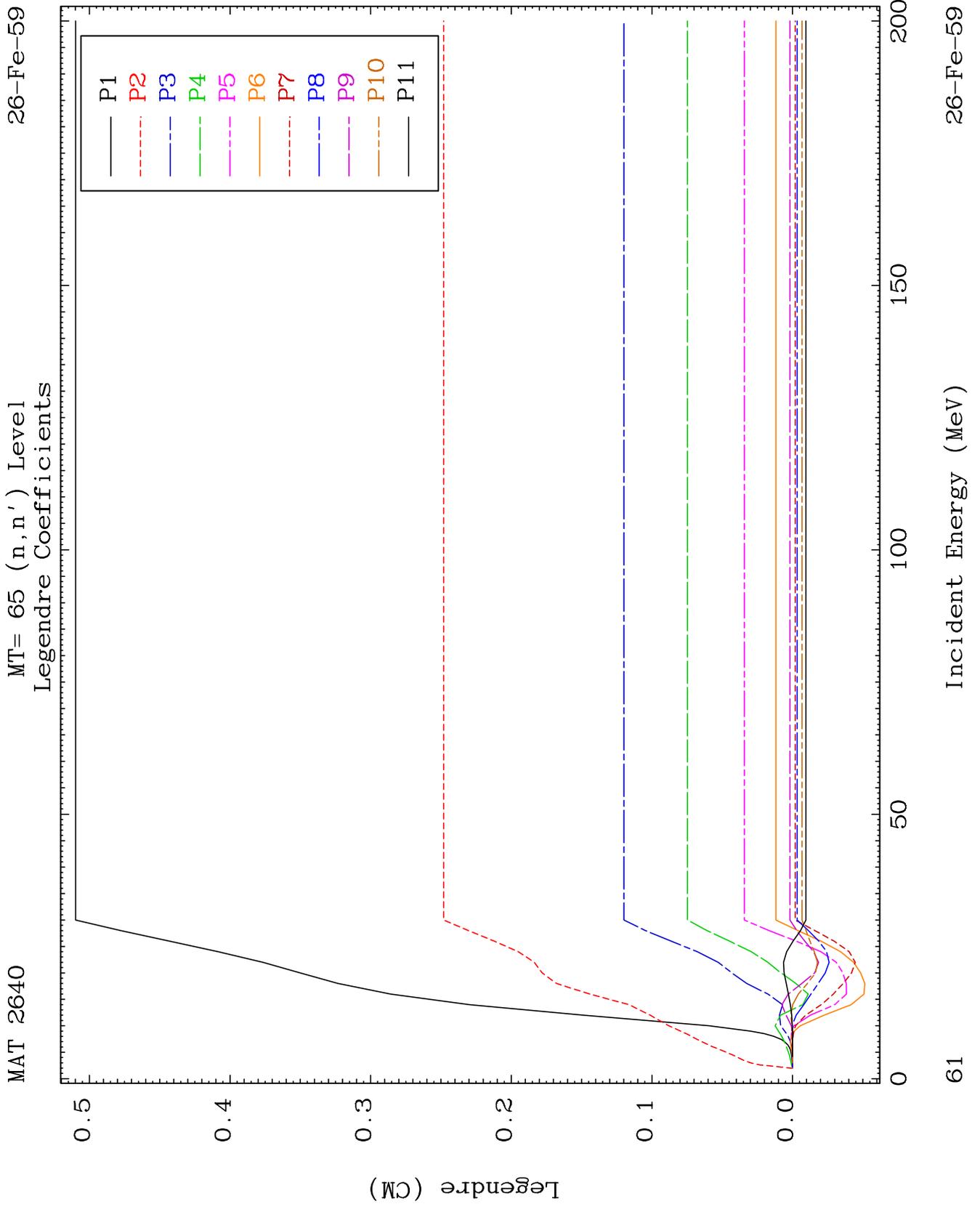
26-Fe-59



26-Fe-59

Incident Energy (MeV)

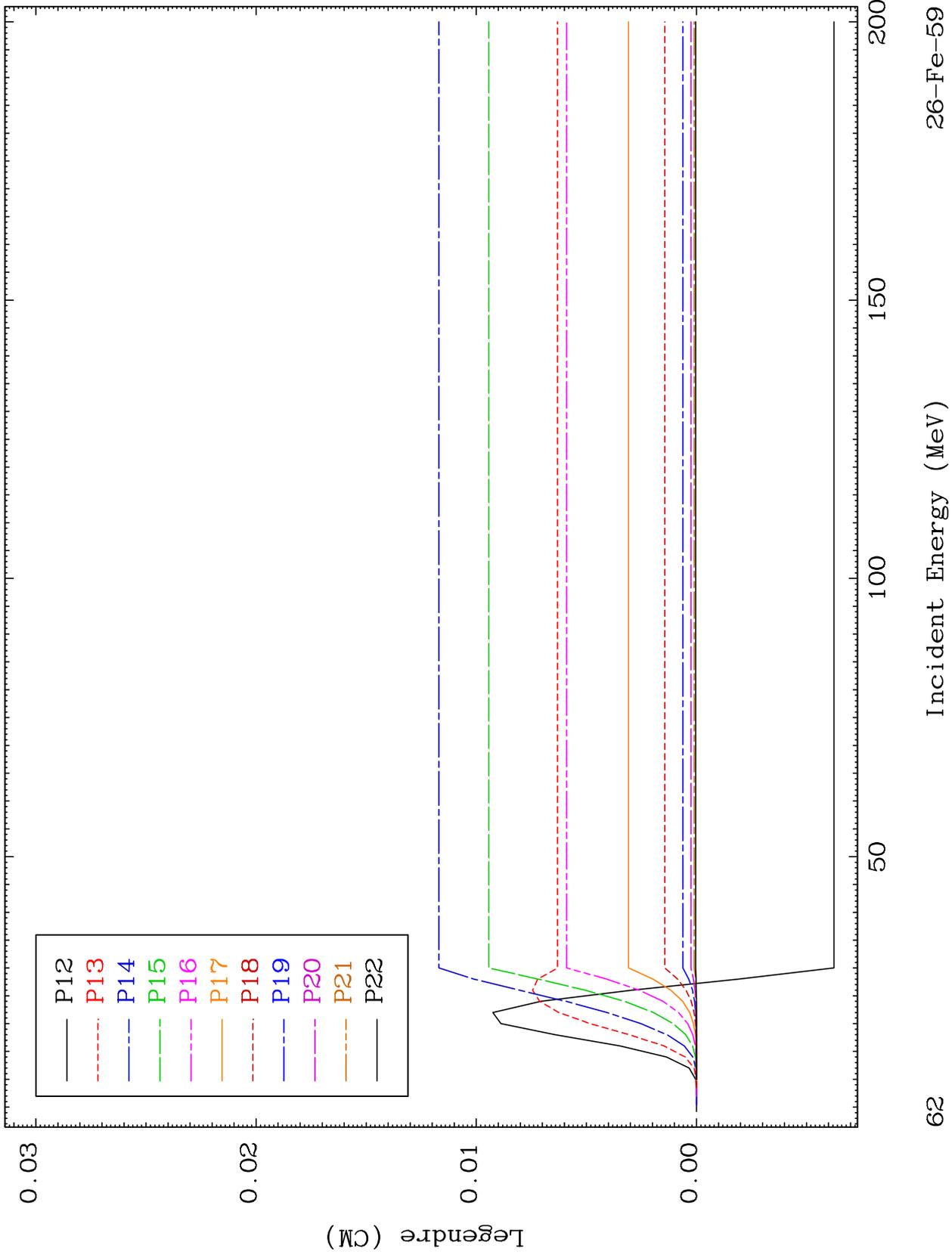
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MAT 2640

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

26-Fe-59



62

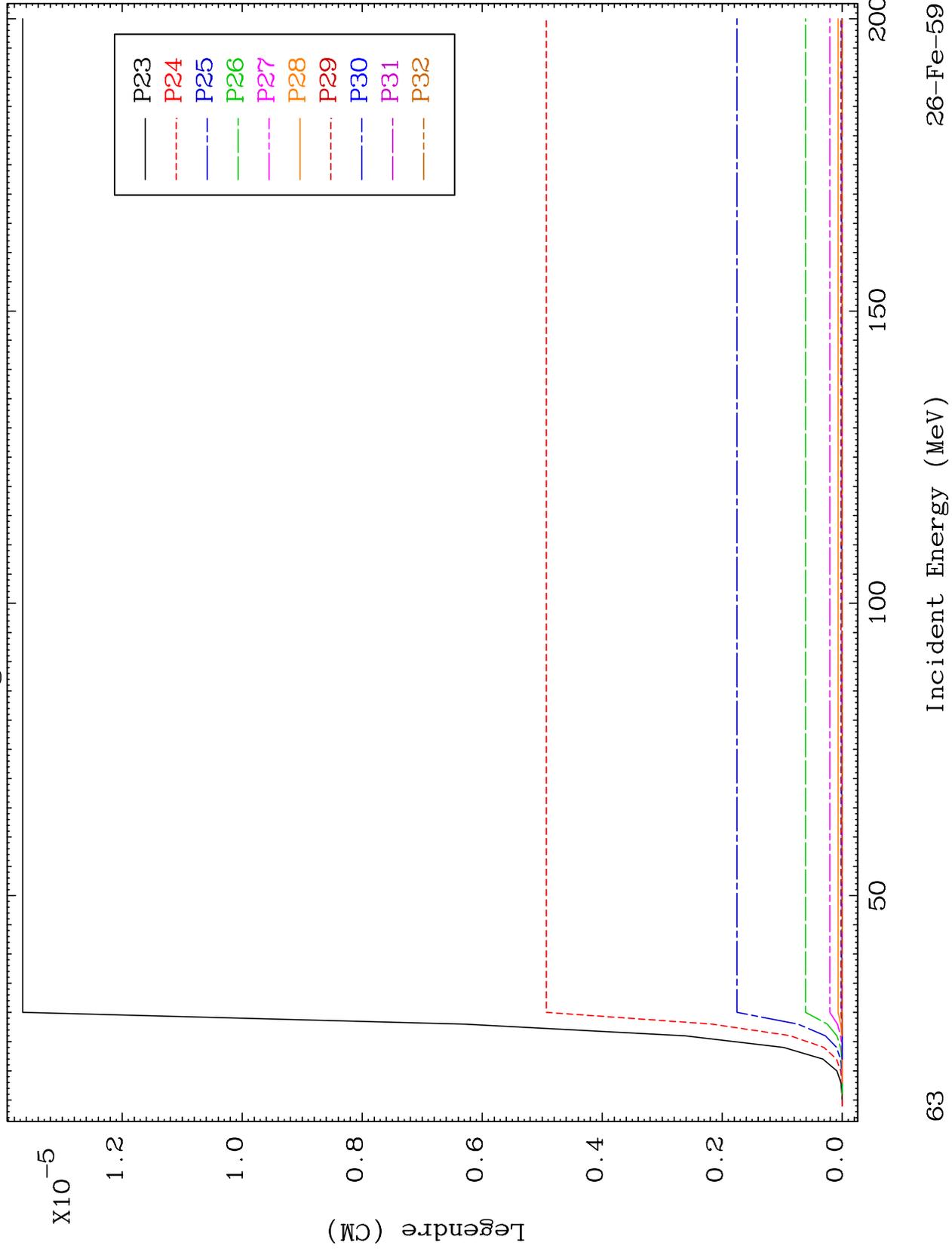
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

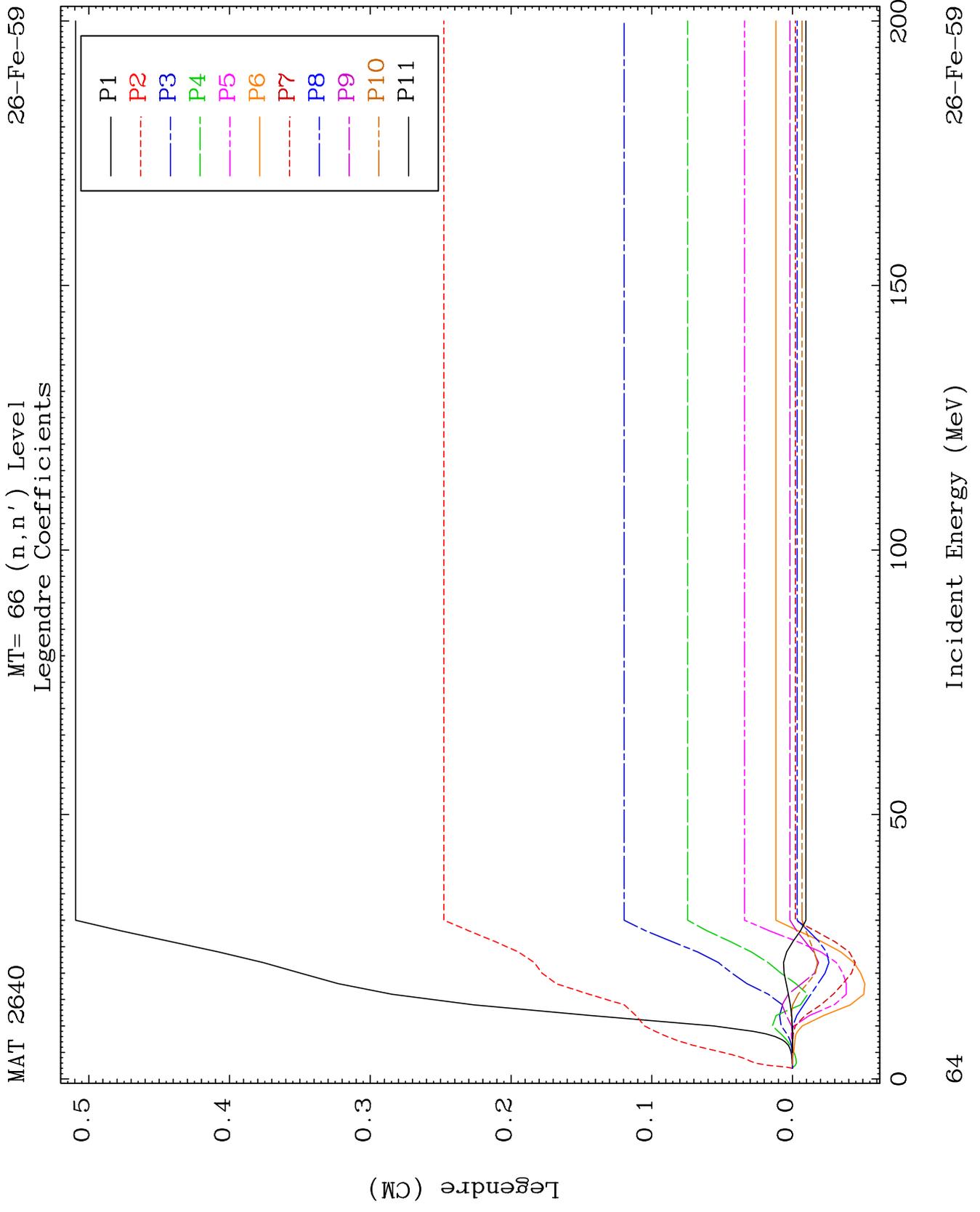
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Incident Energy (MeV)

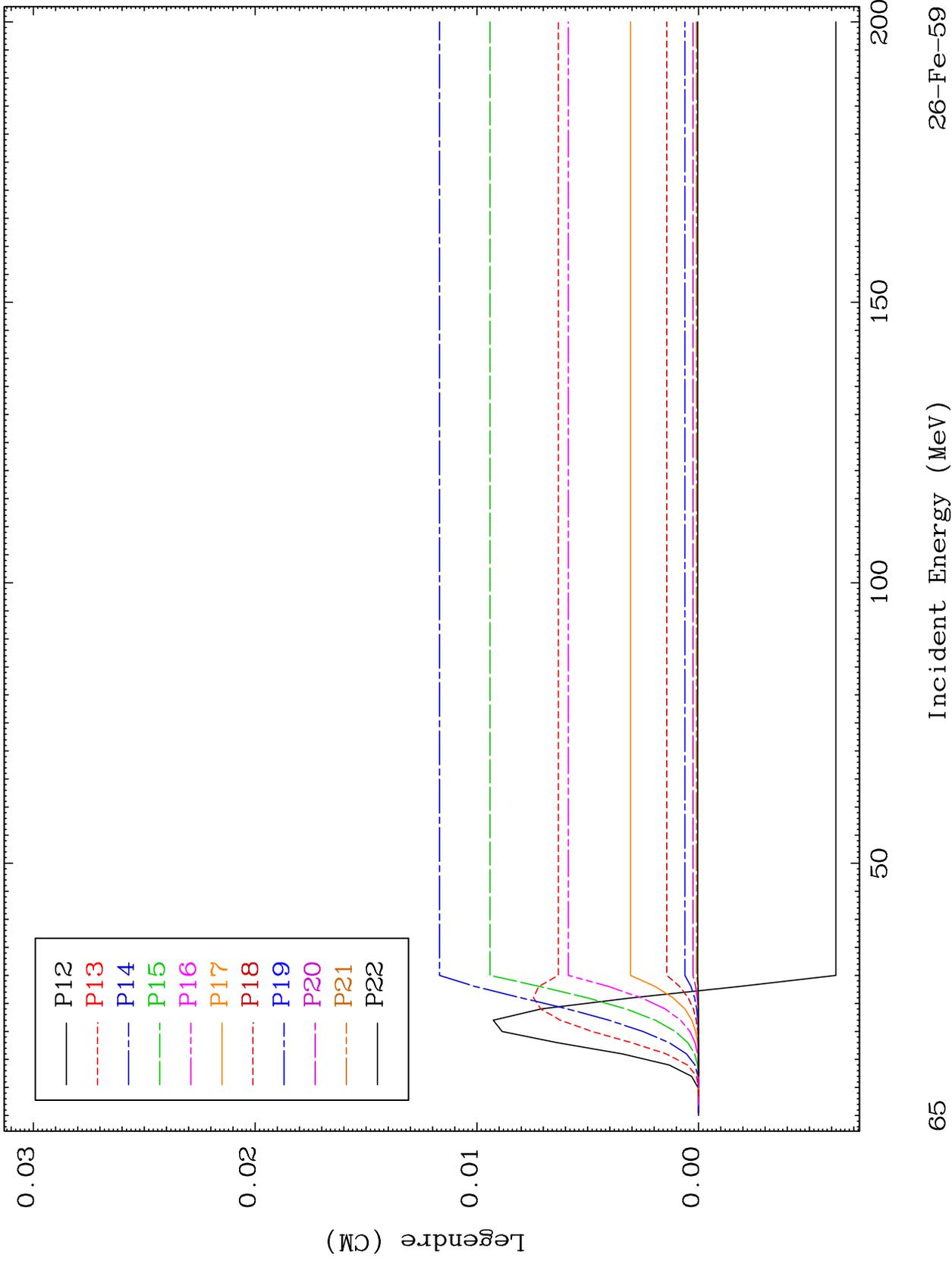
26-Fe-59



MAT 2640

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

26-Fe-59



65

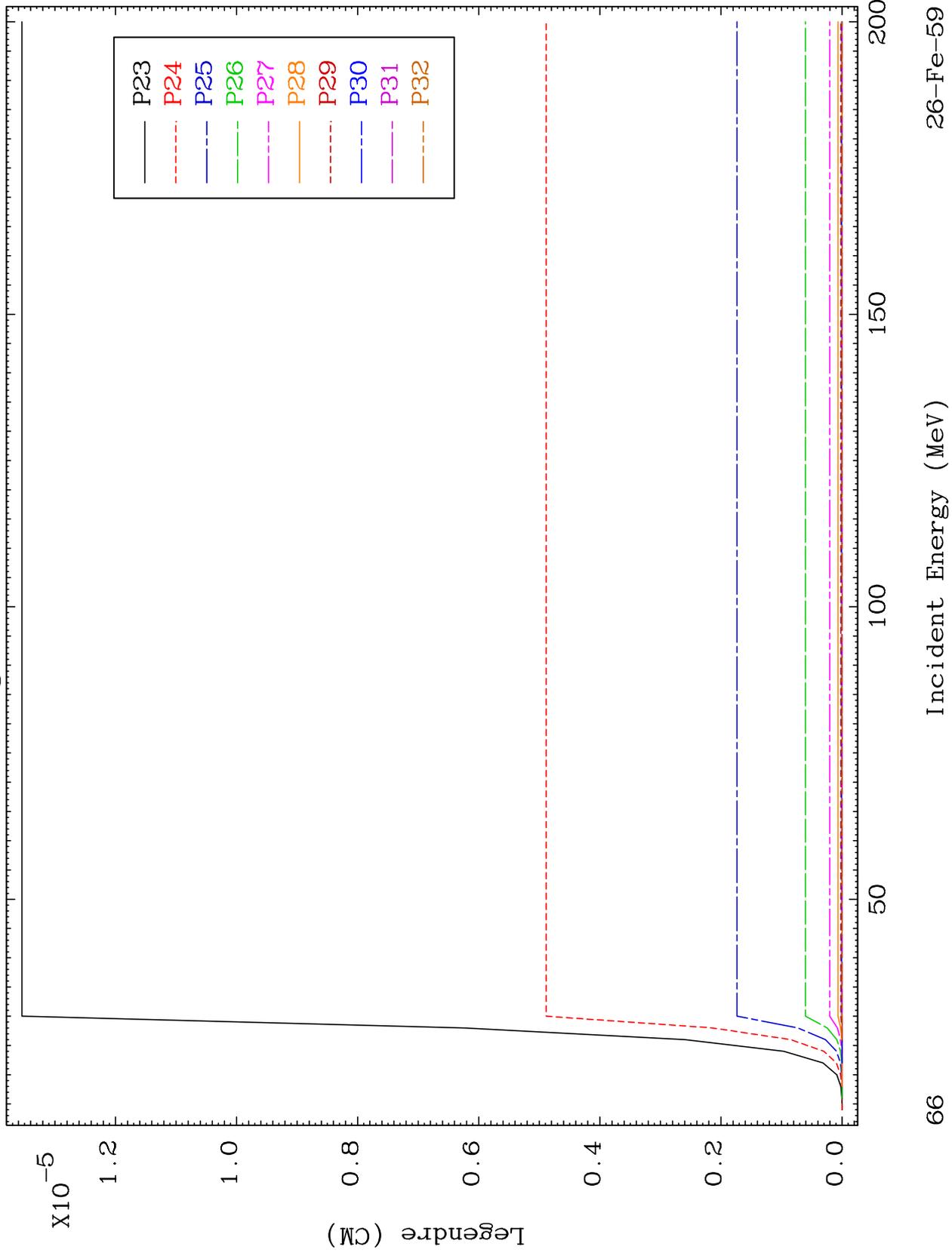
Incident Energy (MeV)

26-Fe-59

MAT 2640

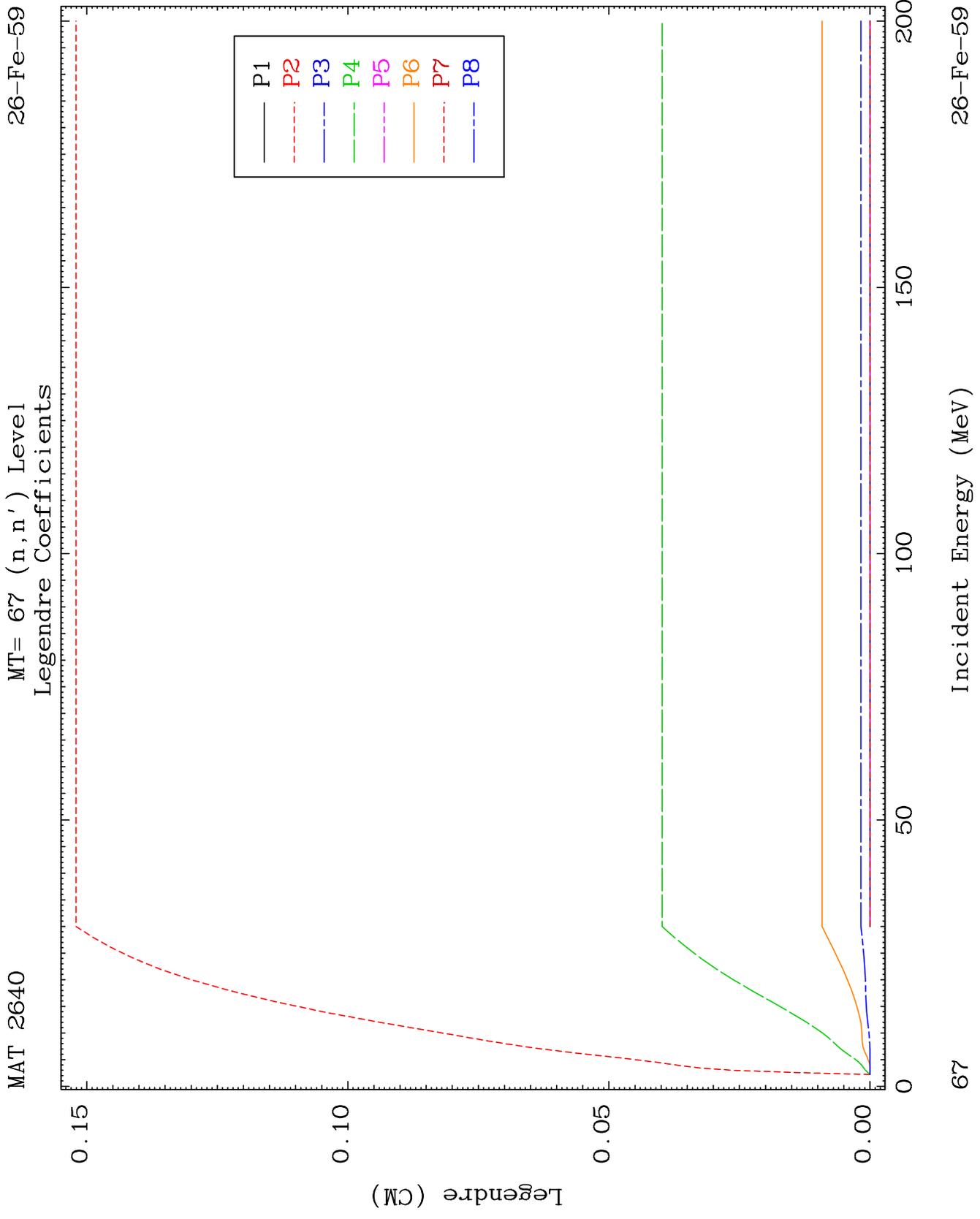
MT= 66 (n,n') Level
Legendre Coefficients

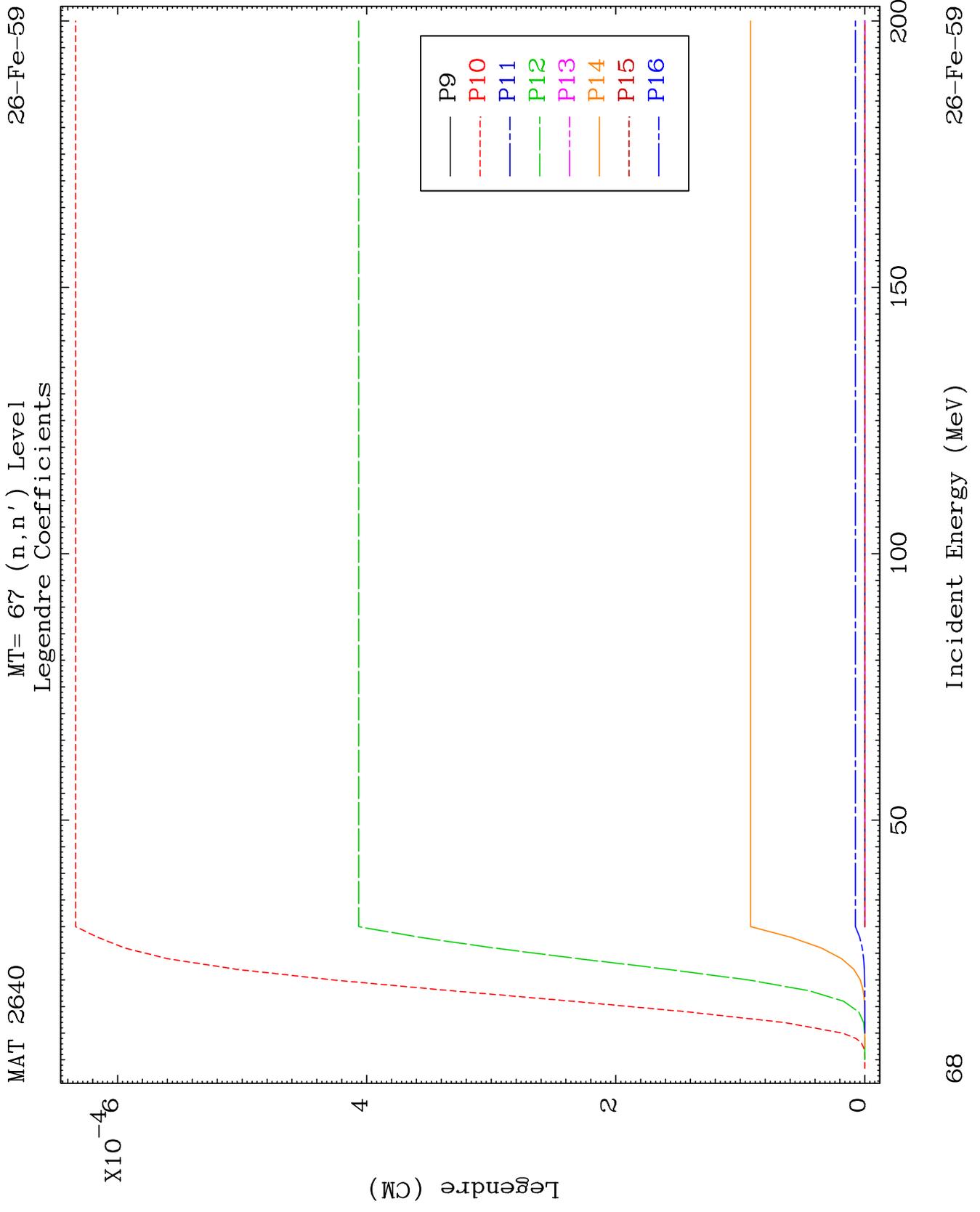
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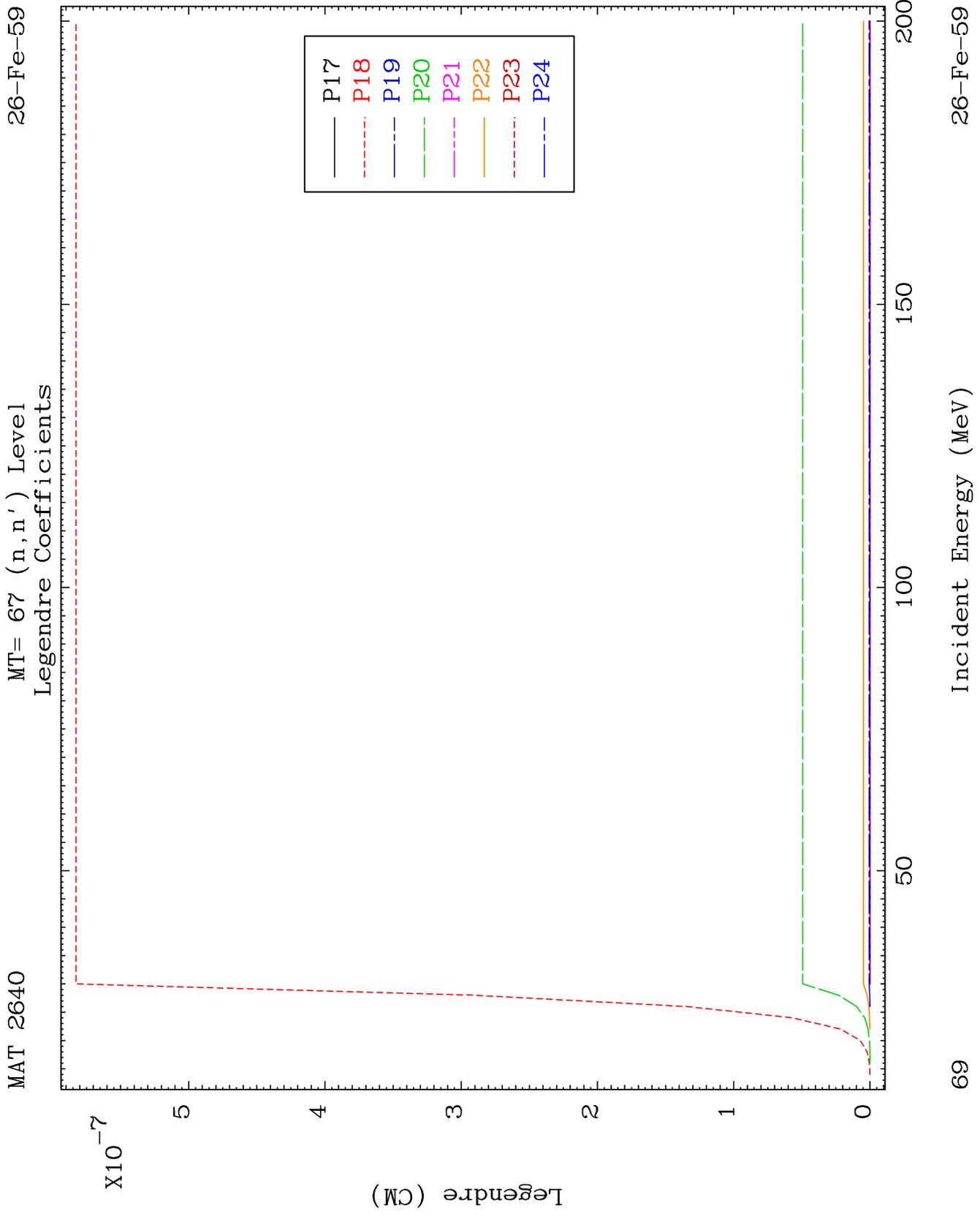


66

26-Fe-59



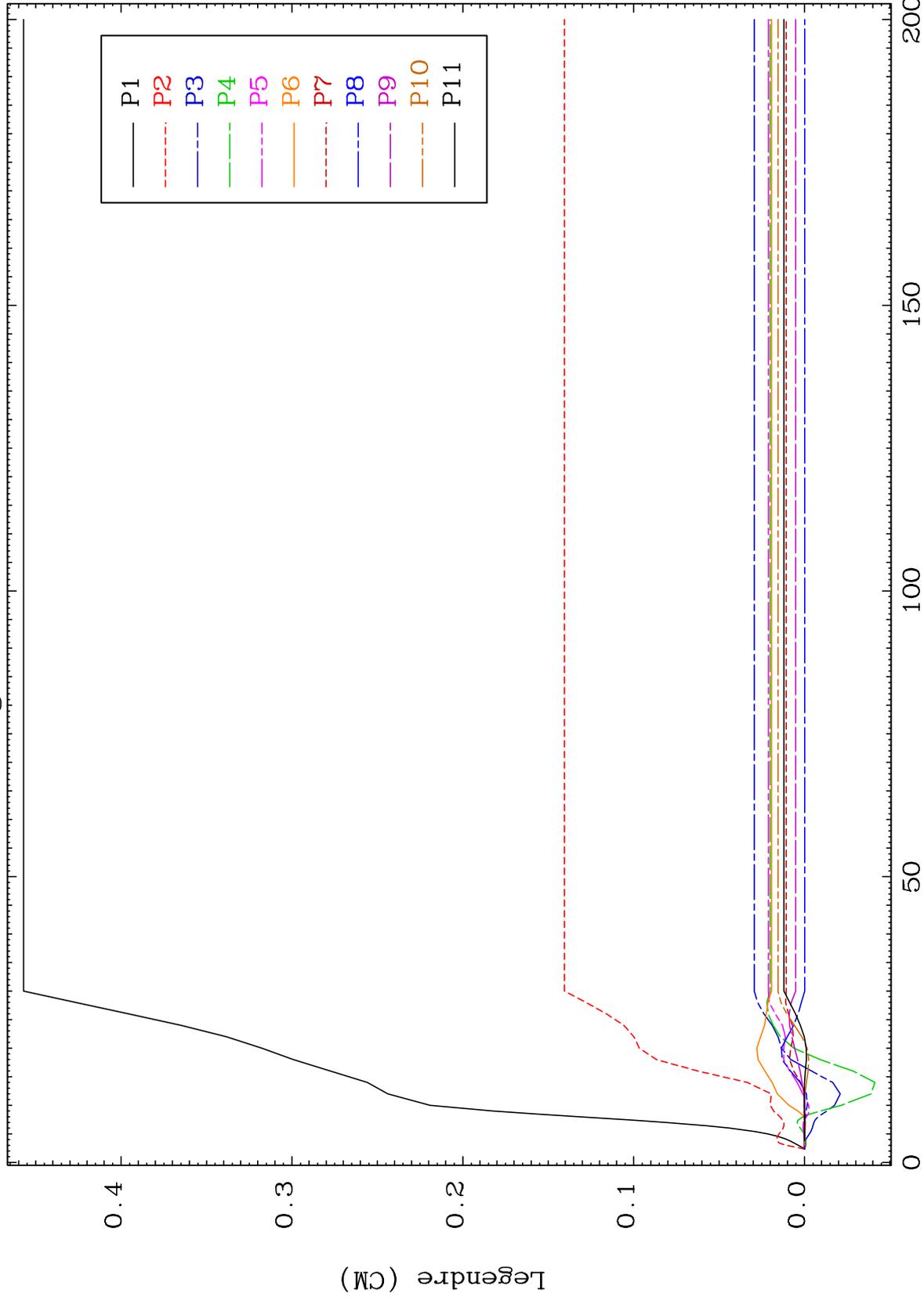




MAT 2640

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

26-Fe-59



26-Fe-59

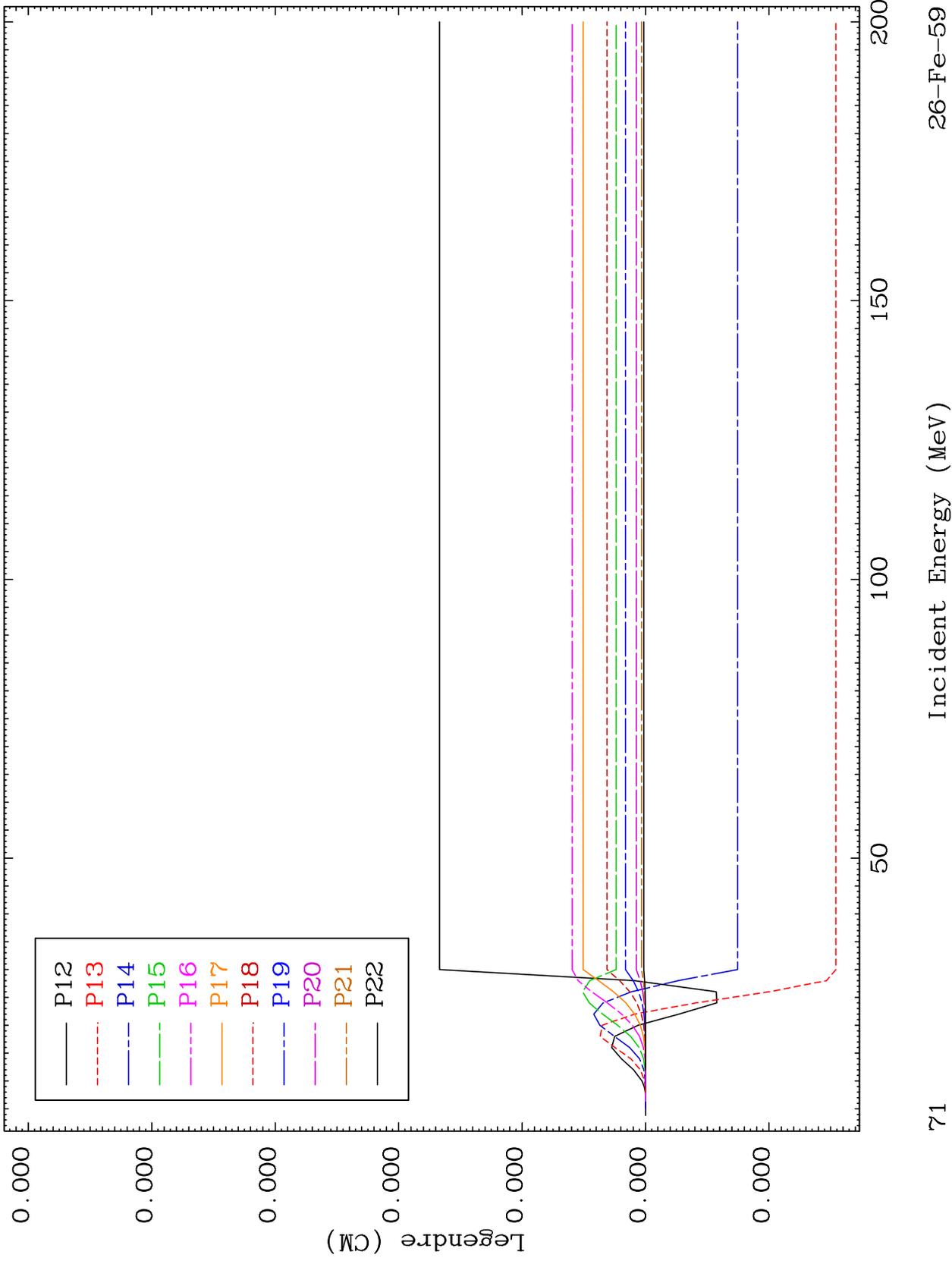
Incident Energy (MeV)

70

MAT 2640

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

26-Fe-59



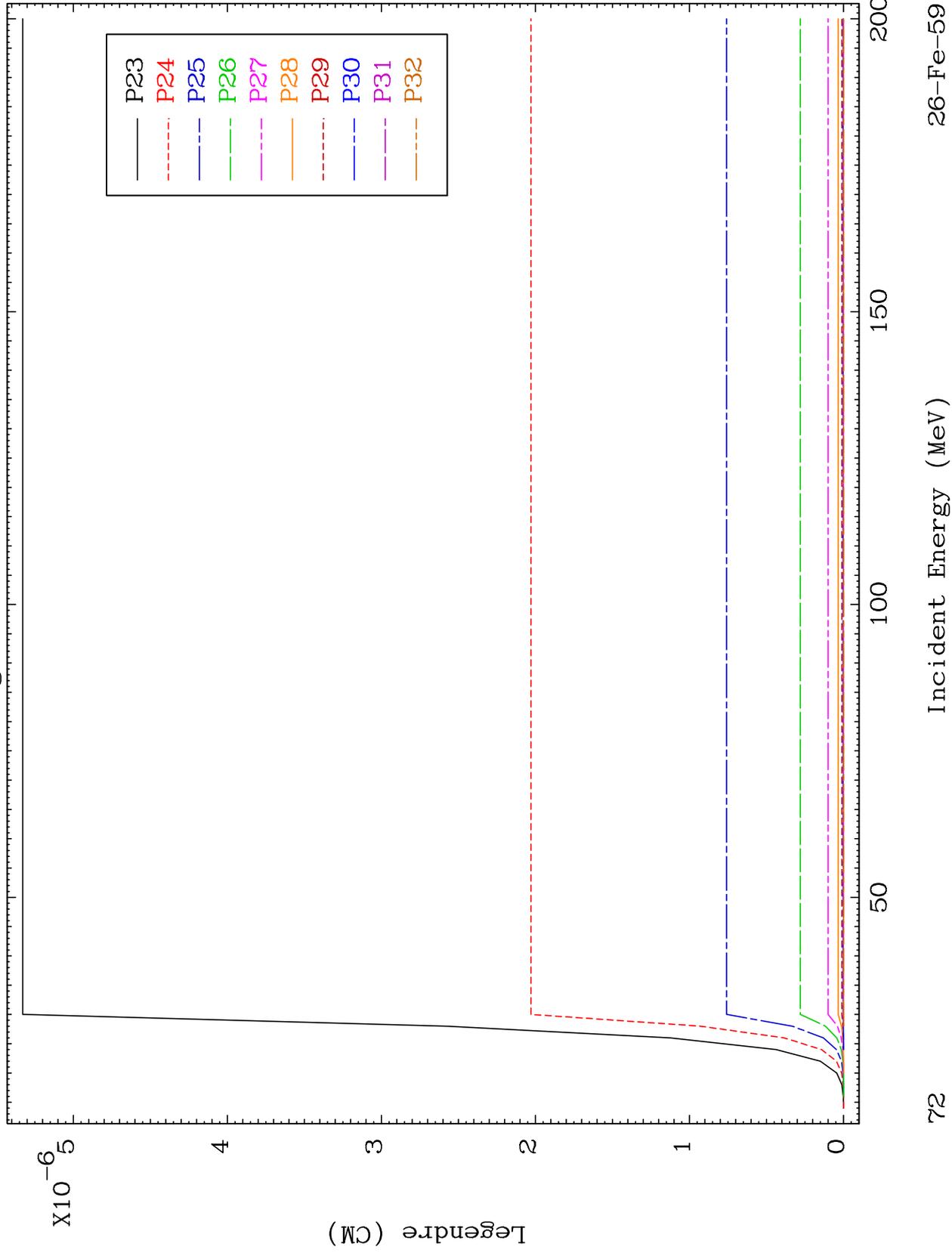
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26-Fe-59

MAT 2640

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

26-Fe-59

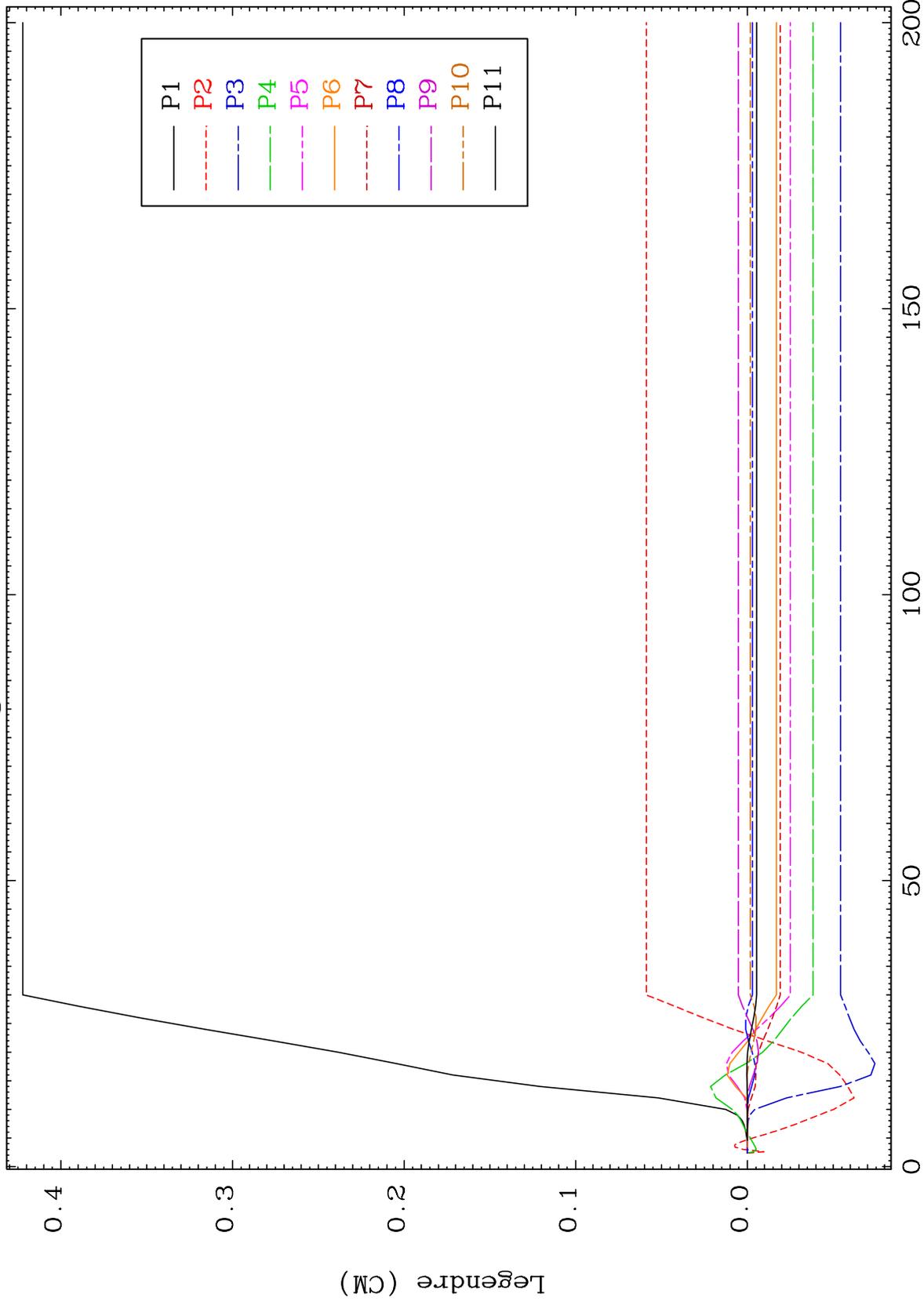


72

MAT 2640

MT= 69 (n,n') Level
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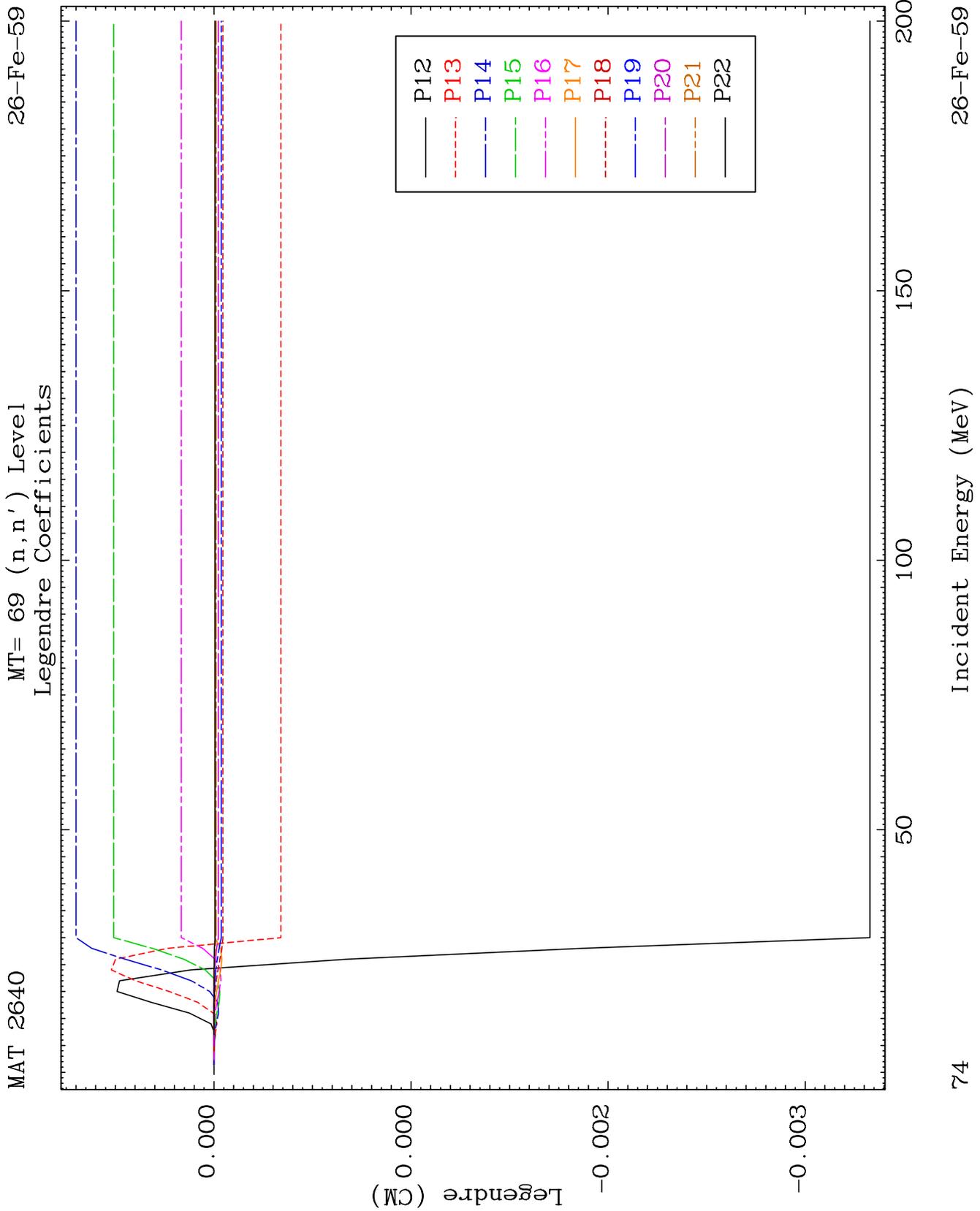
26-Fe-59

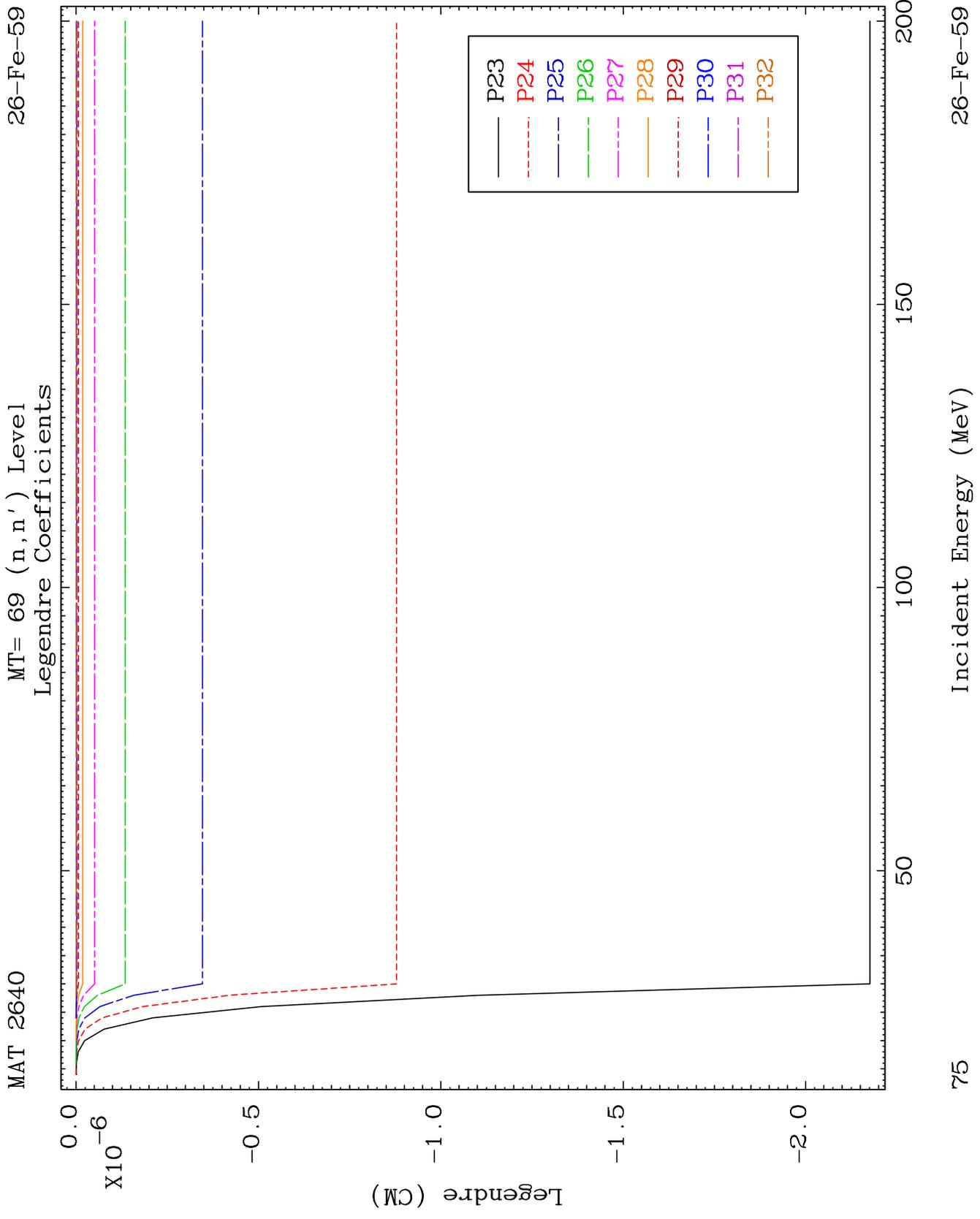


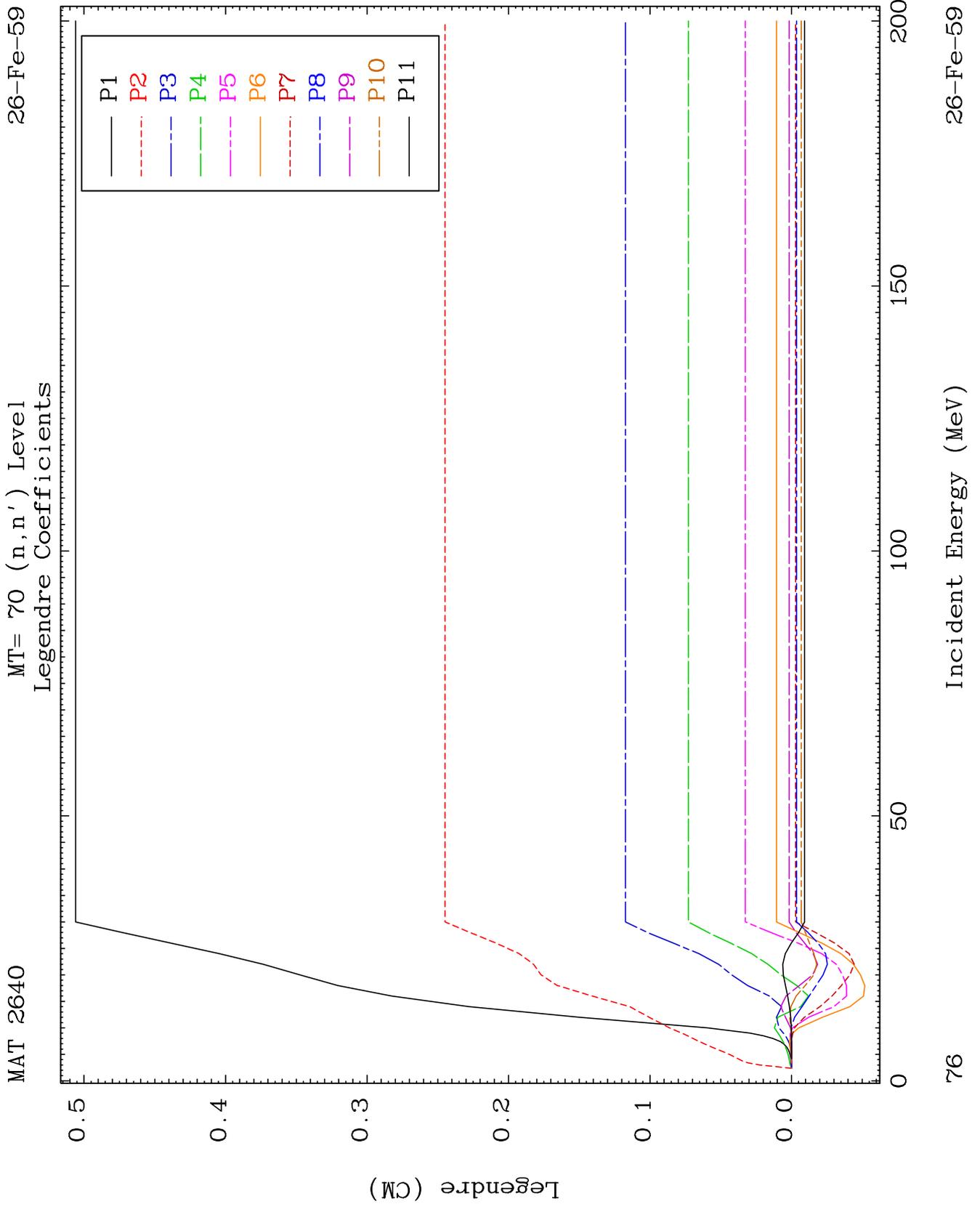
73

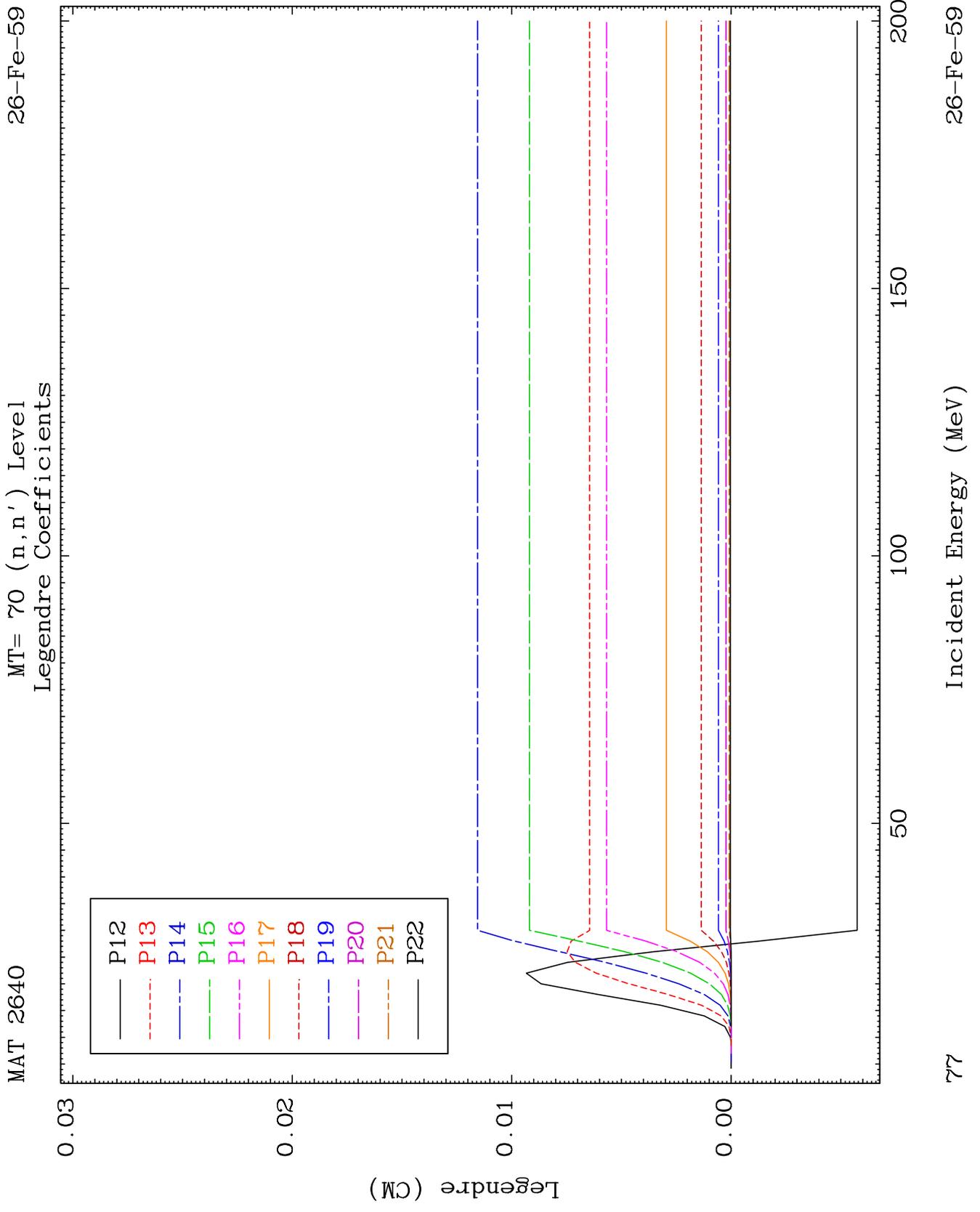
Incident Energy (MeV)

26-Fe-59





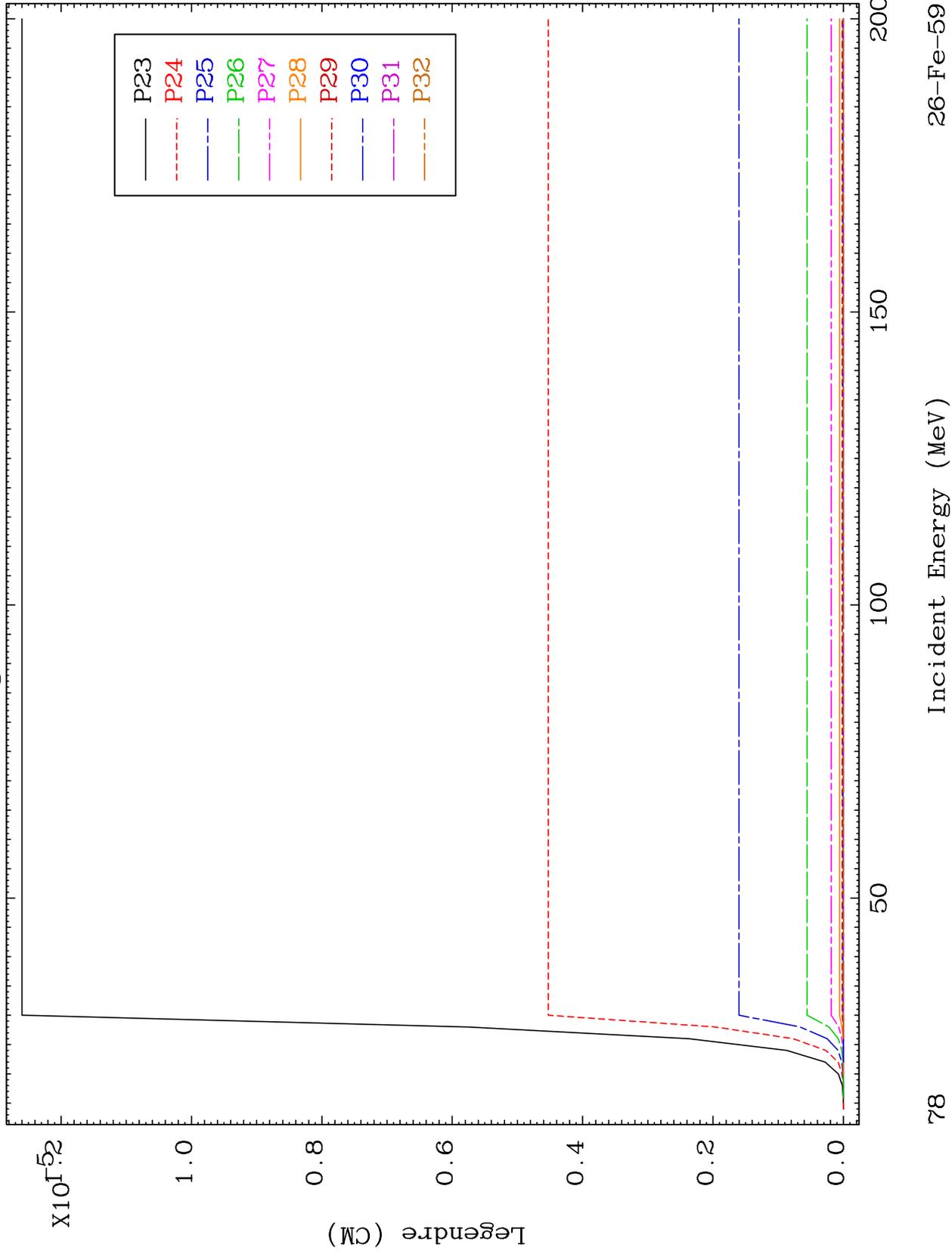




MAT 2640

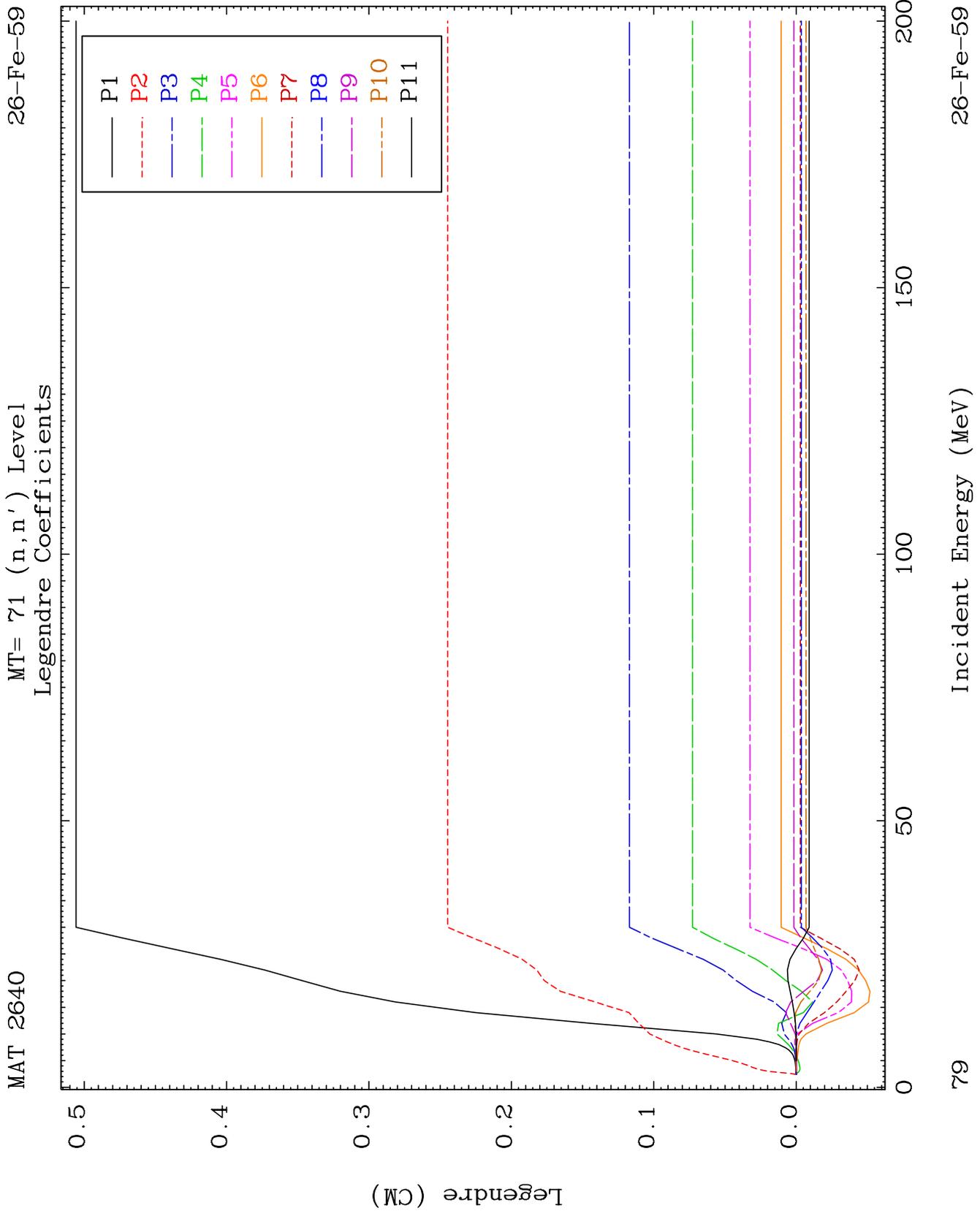
MT= 70 (n,n') Level
Legendre Coefficients

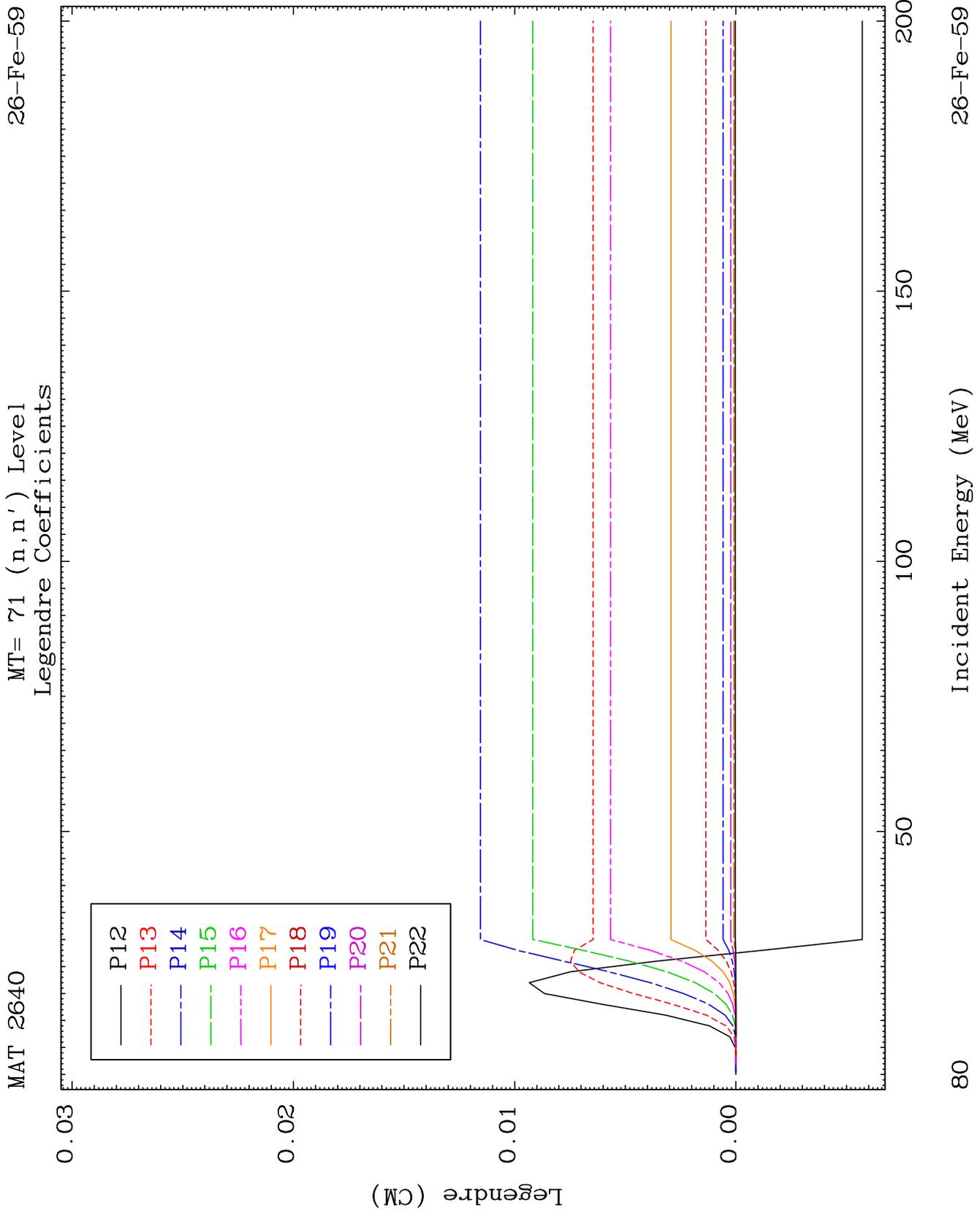
26-Fe-59



78

26-Fe-59

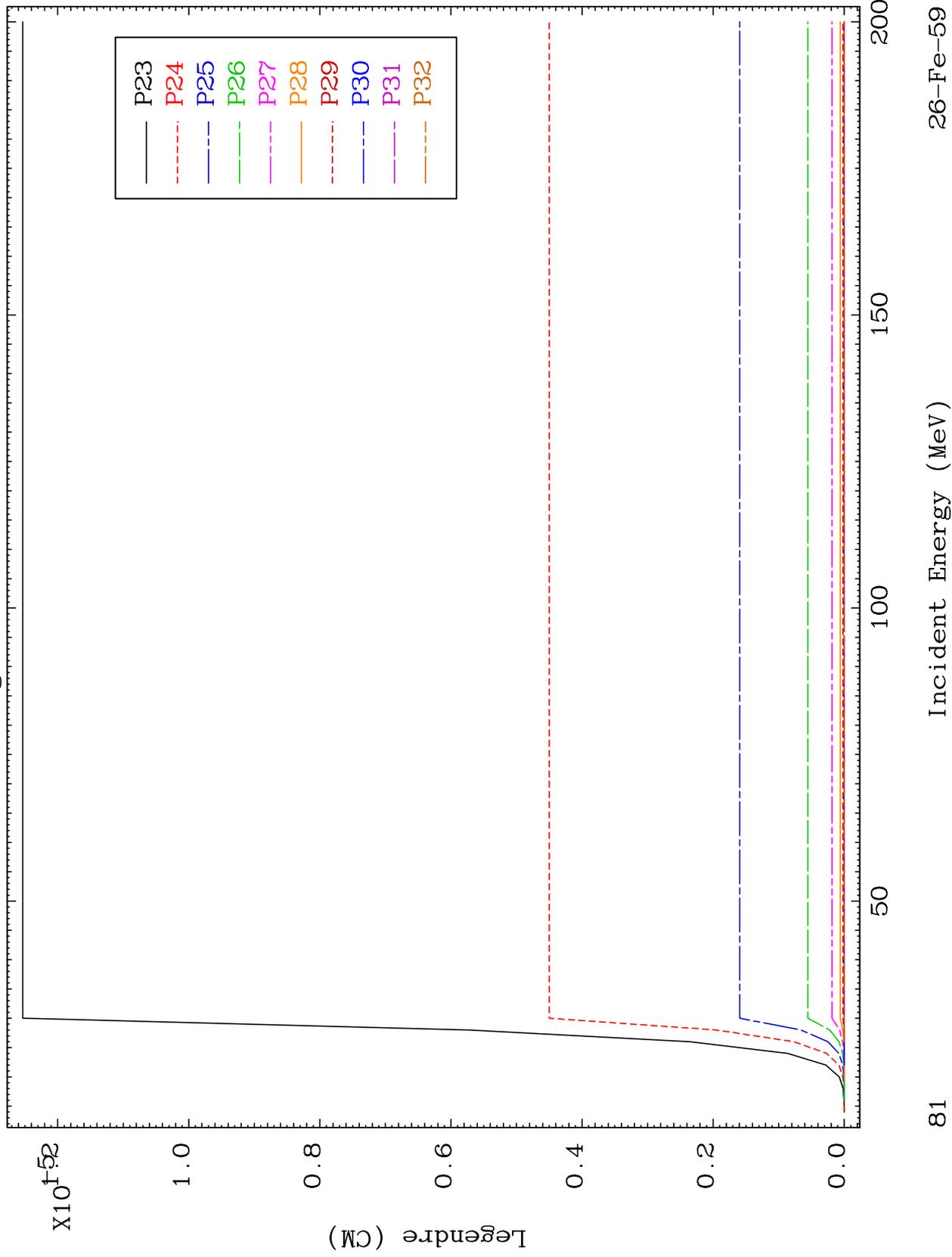




MAT 2640

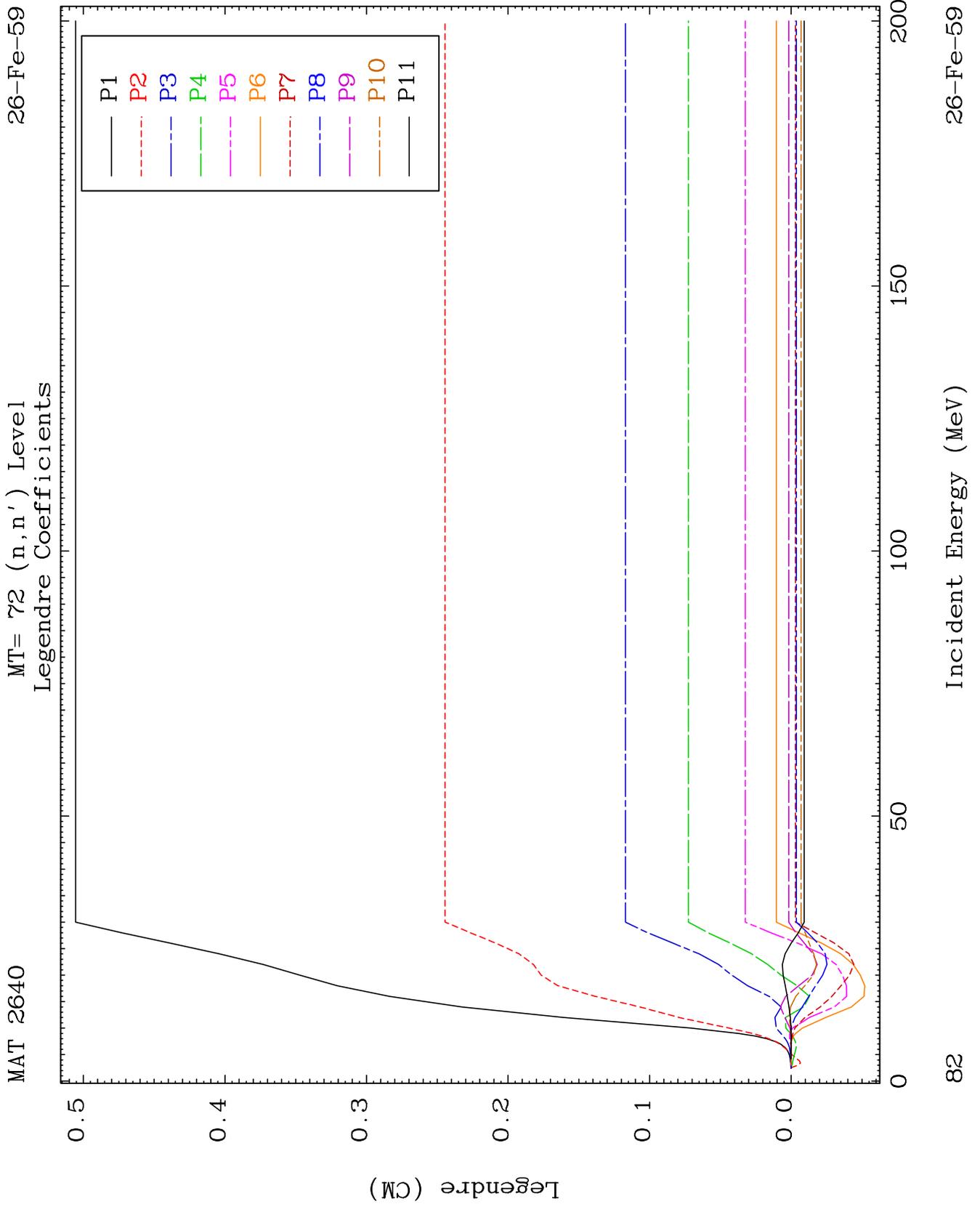
MT= 71 (n,n') Level
Legendre Coefficients

26-Fe-59



81

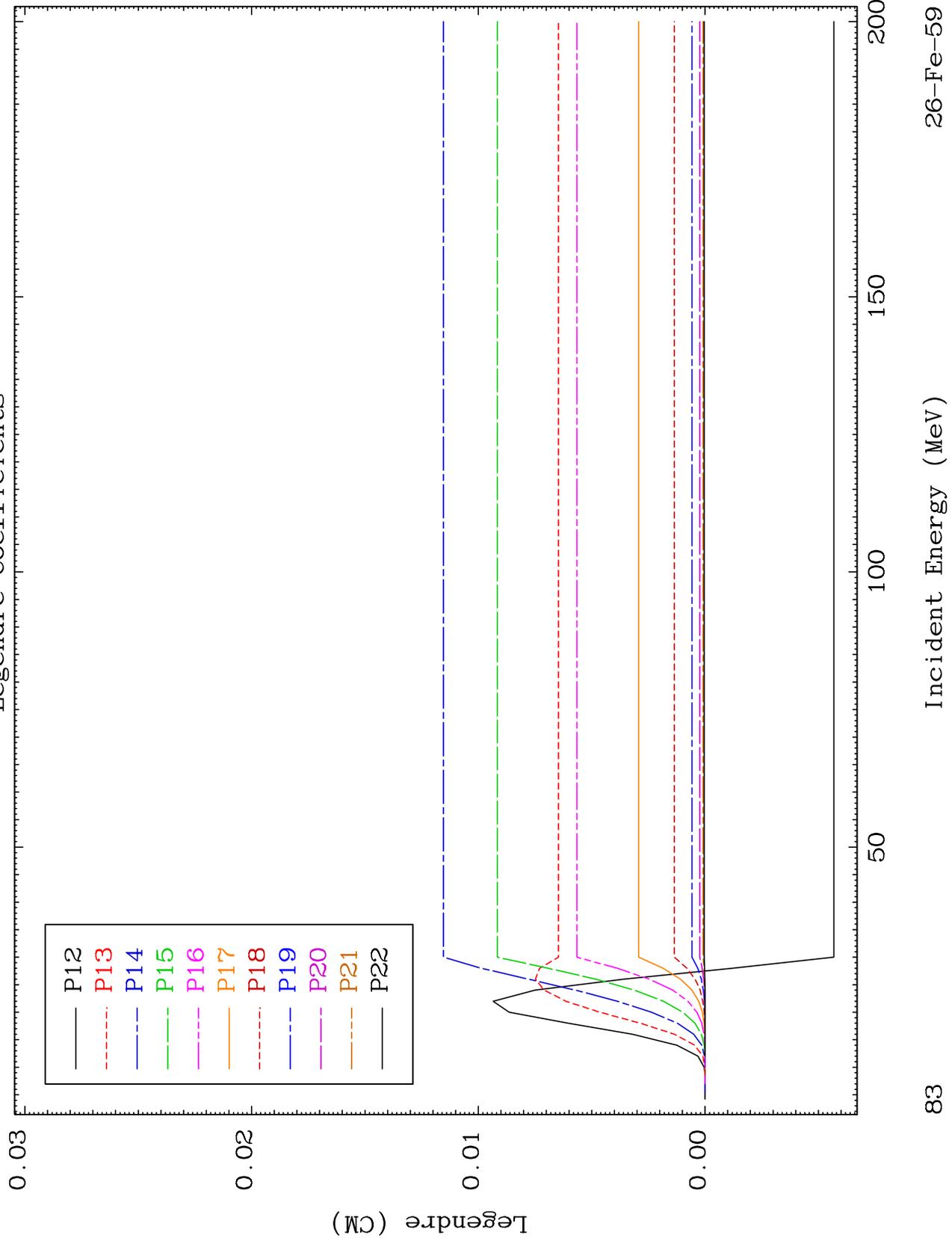
26-Fe-59



MAT 2640

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

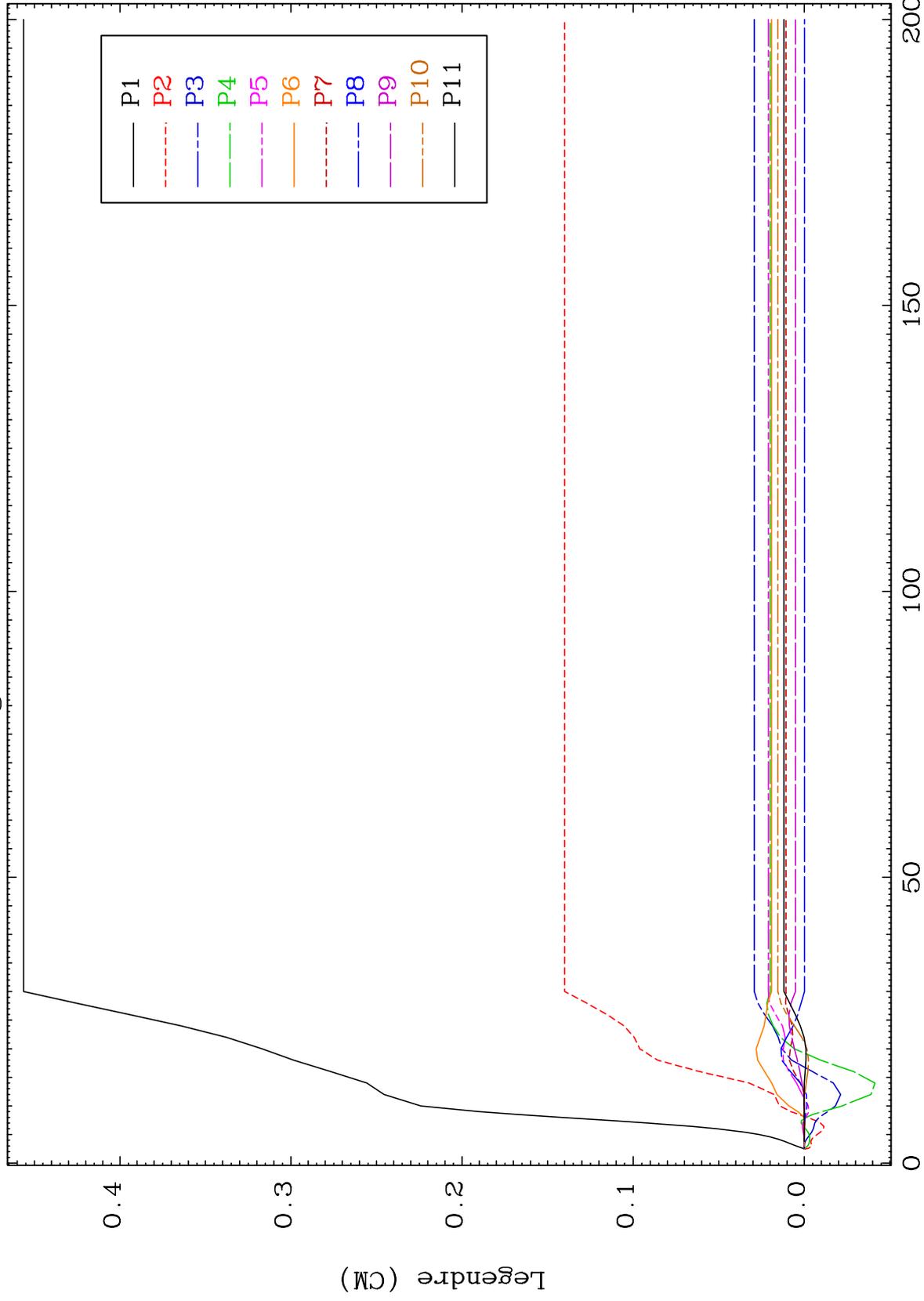
26-Fe-59



MAT 2640

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

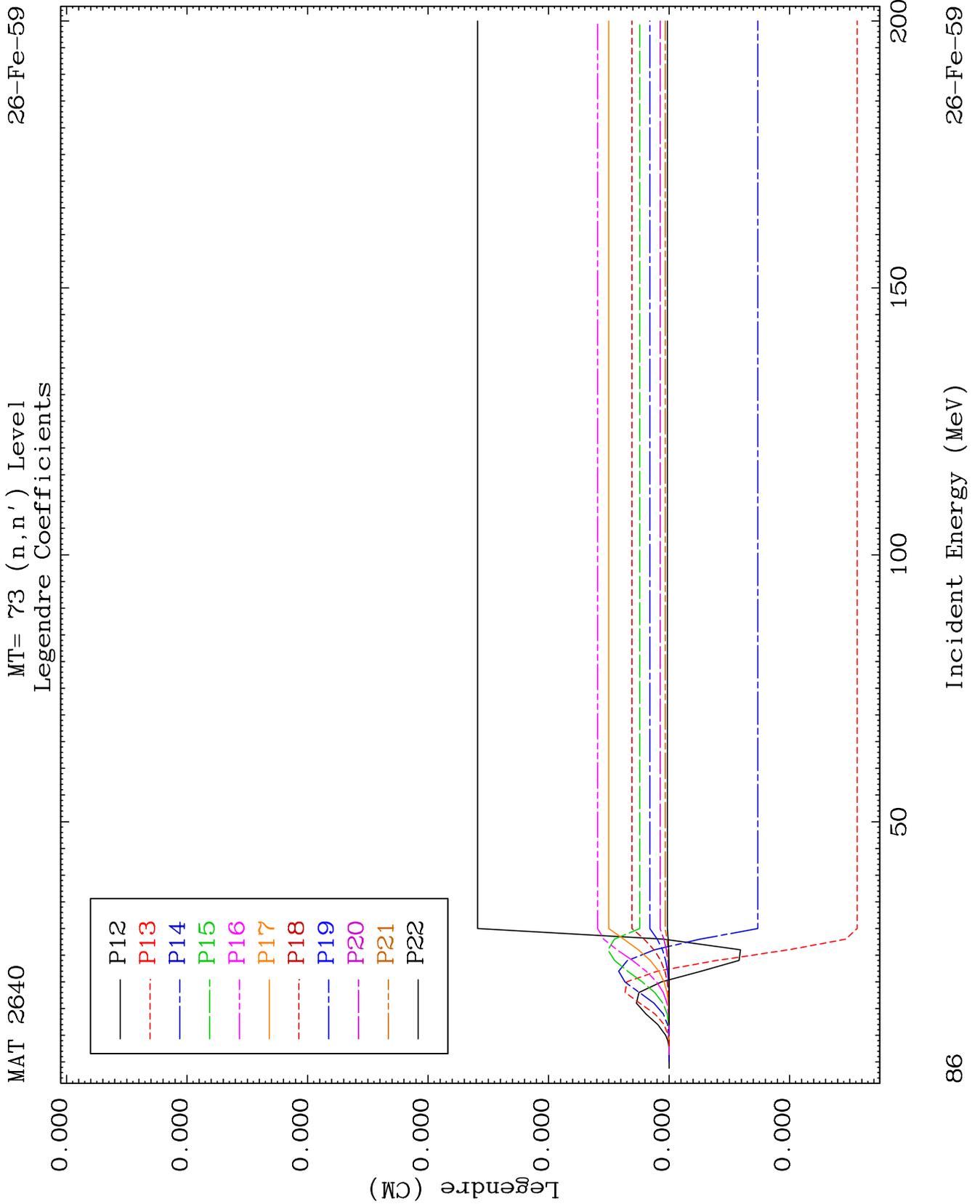
26-Fe-59

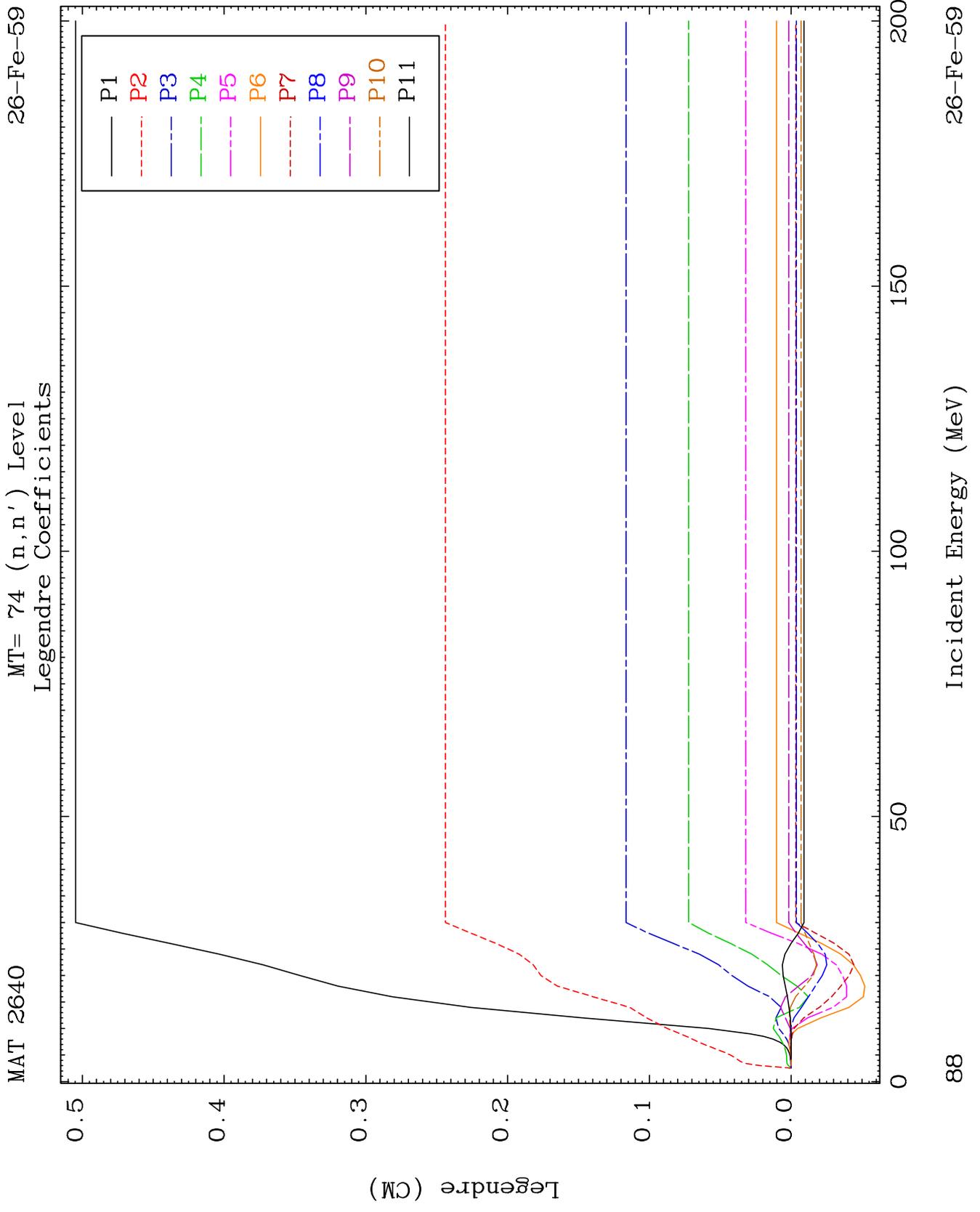


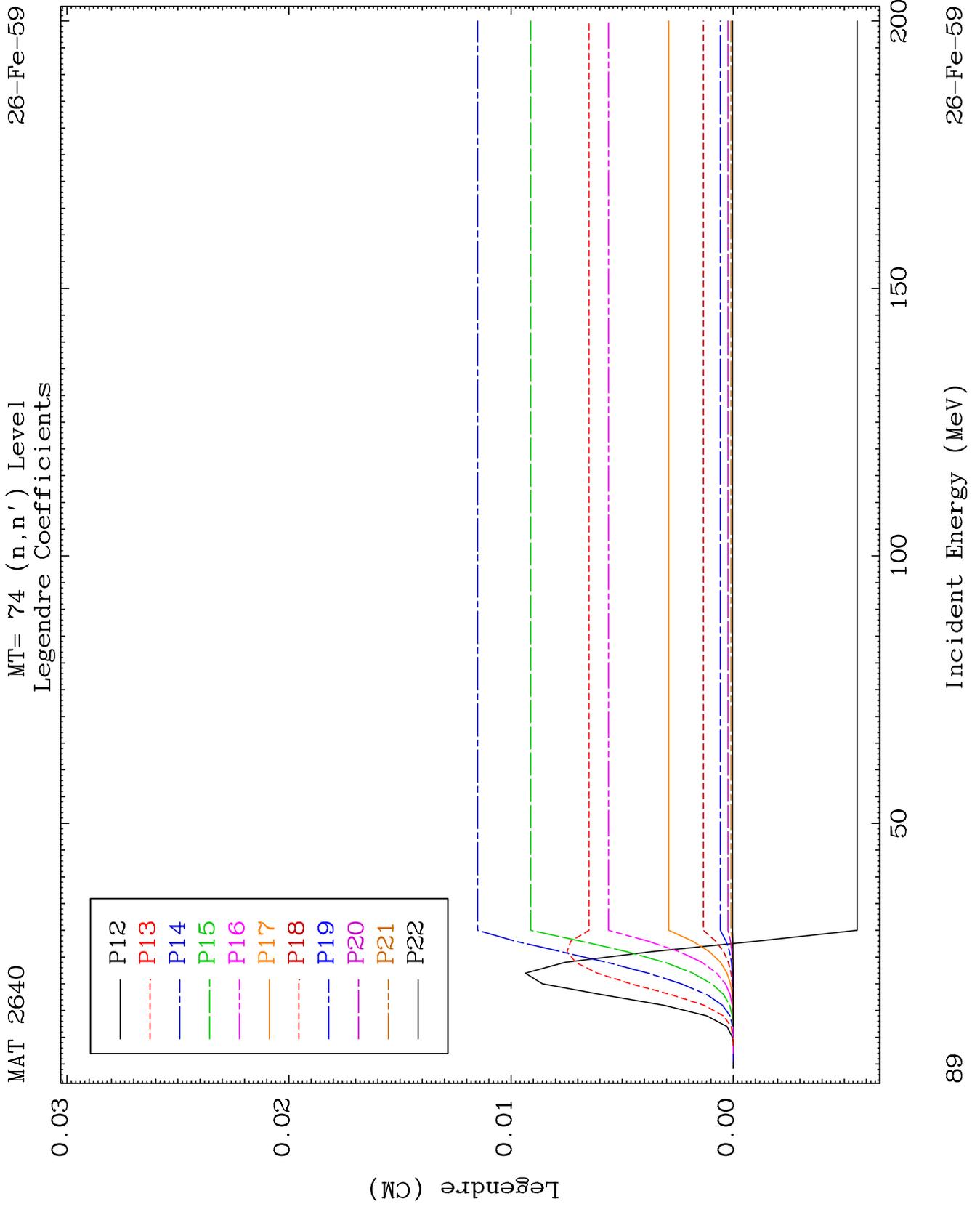
85

Incident Energy (MeV)

26-Fe-59



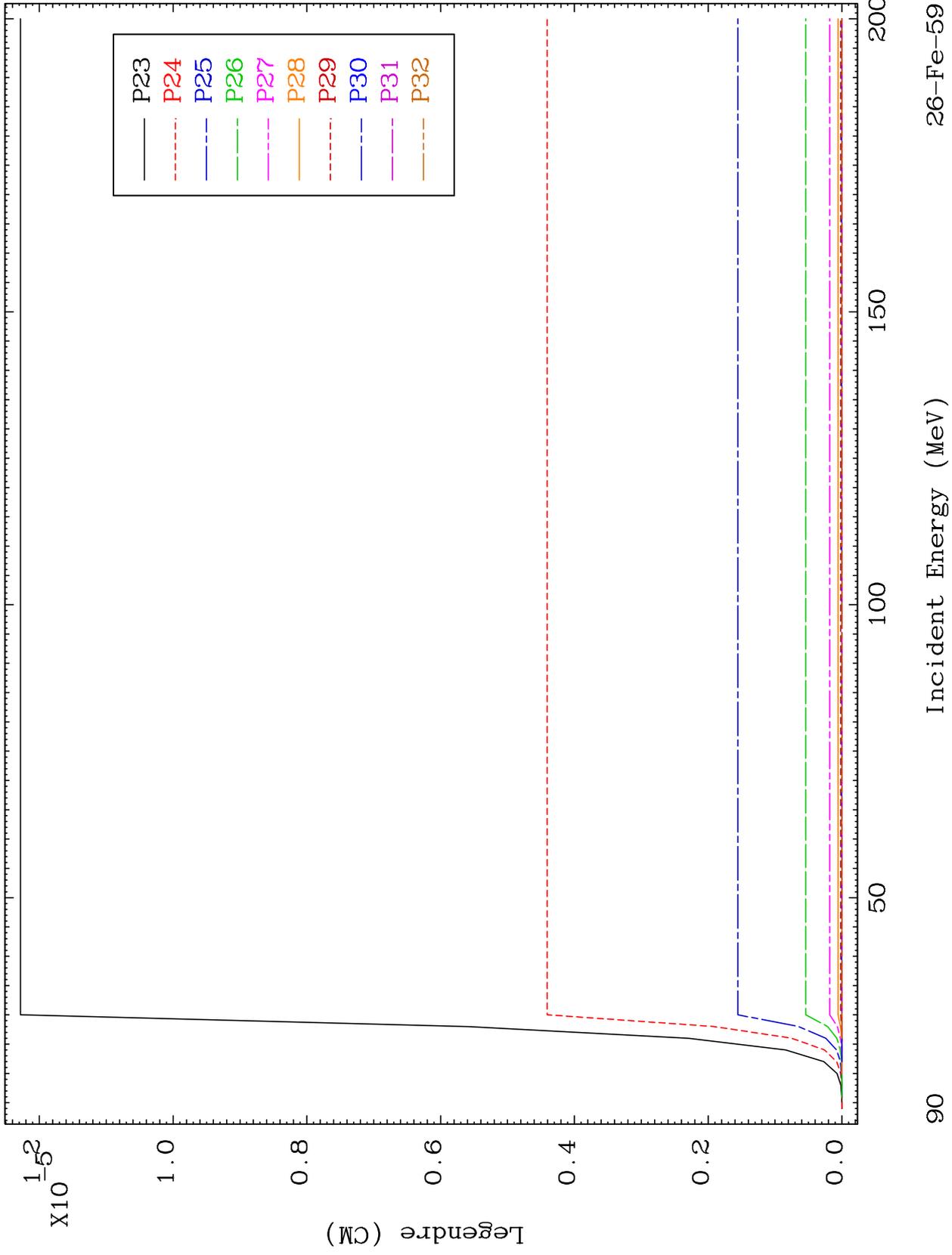




MAT 2640

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

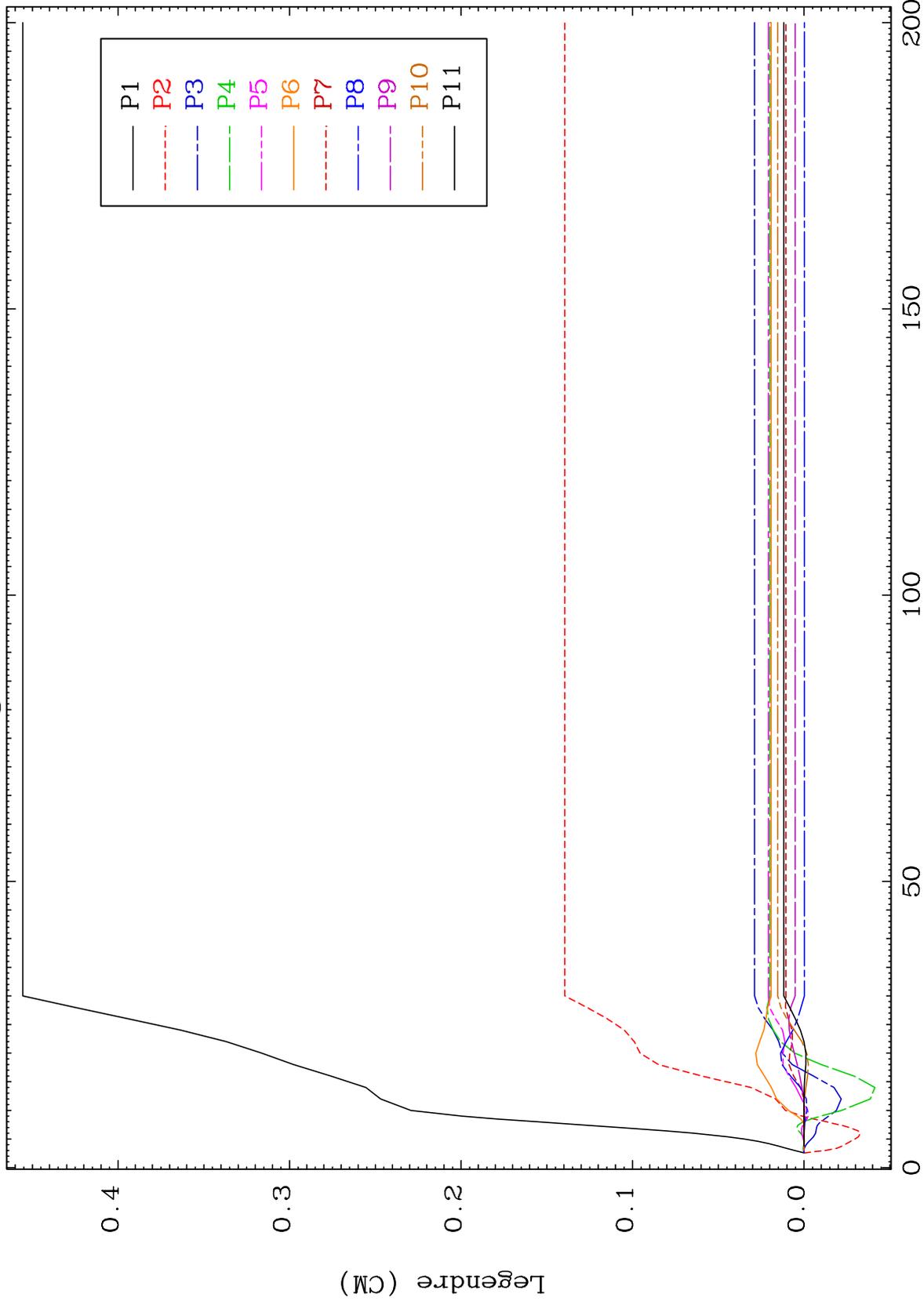
26-Fe-59



MAT 2640

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

26-Fe-59



91

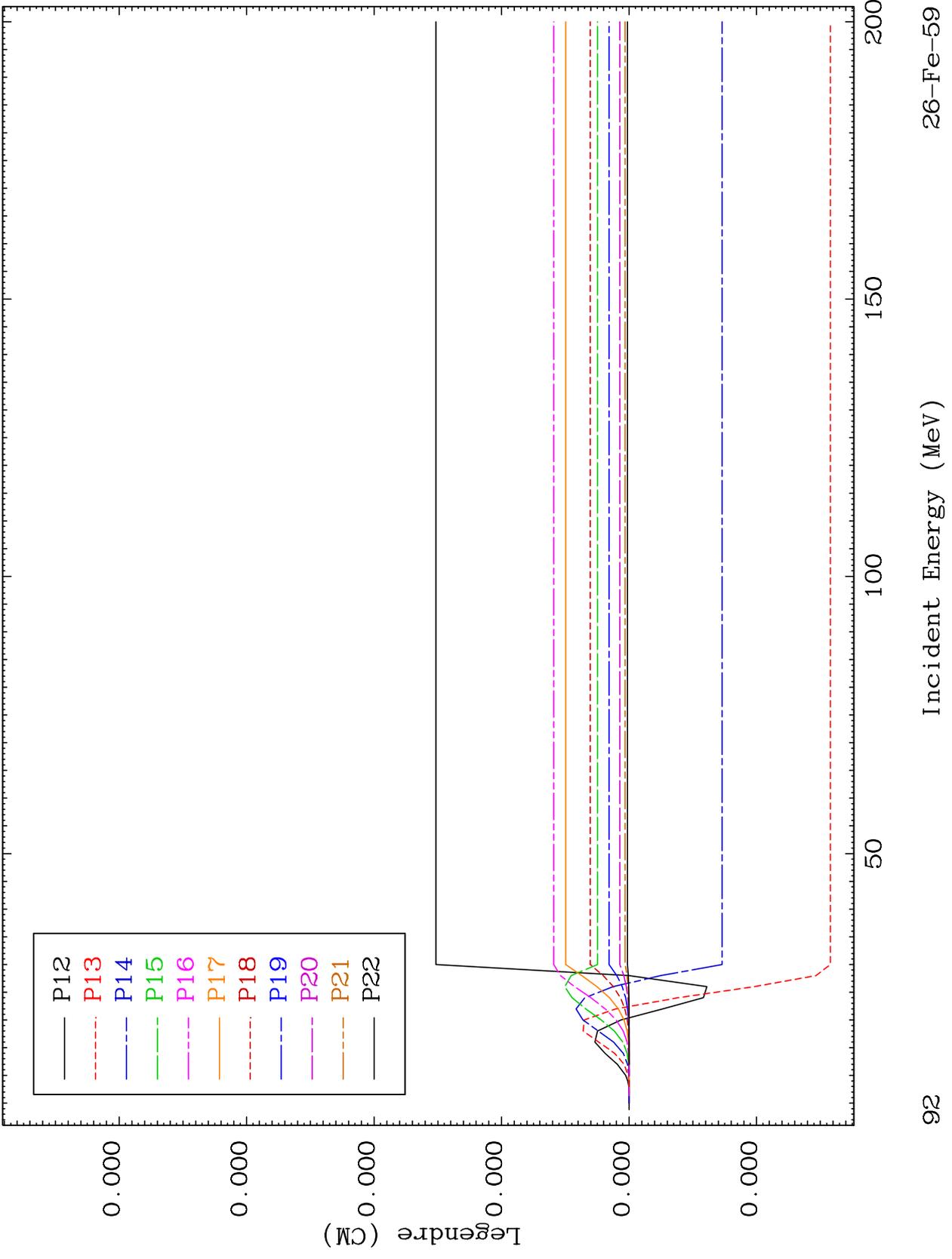
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

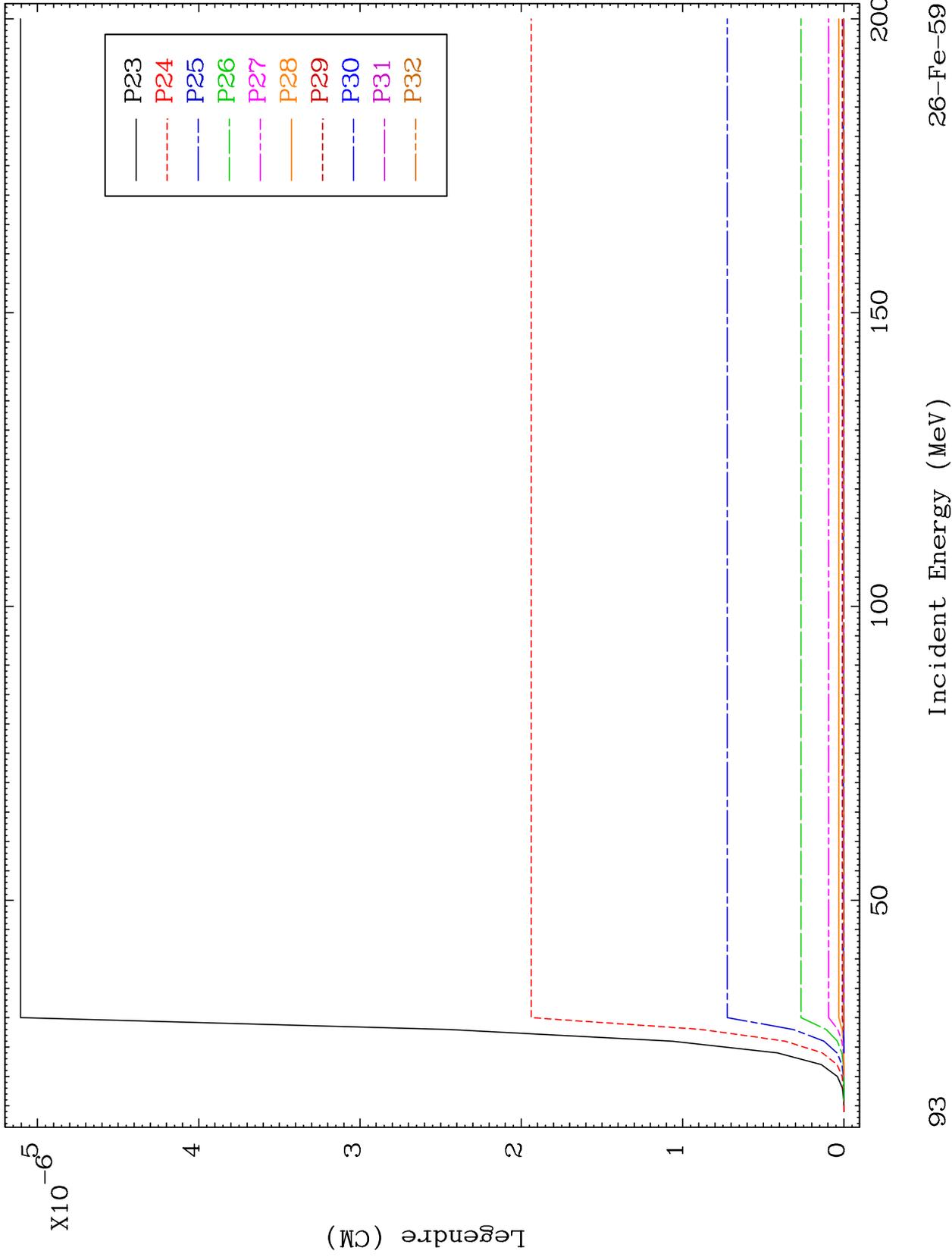
26-Fe-59

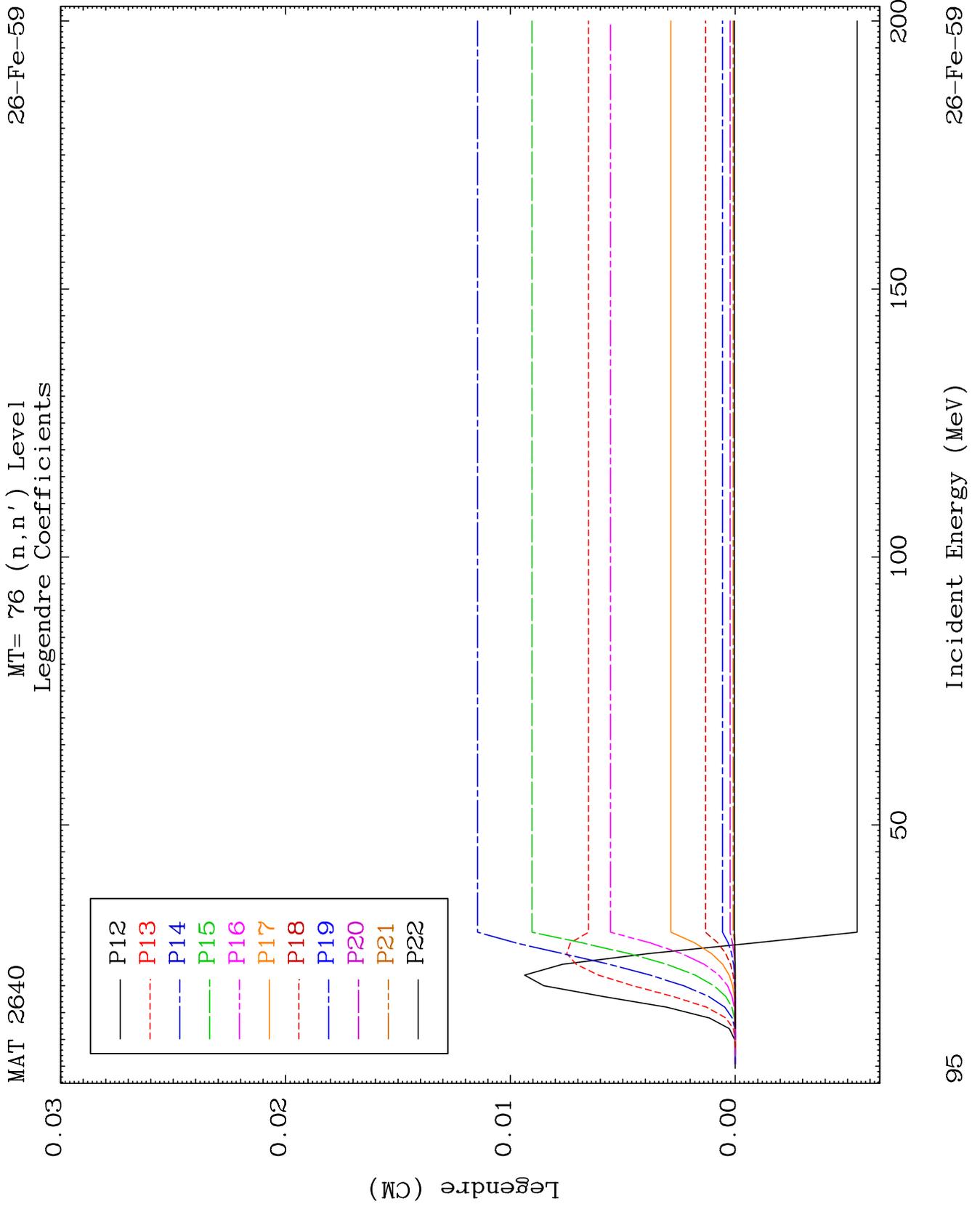


MAT 2640

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

26-Fe-59

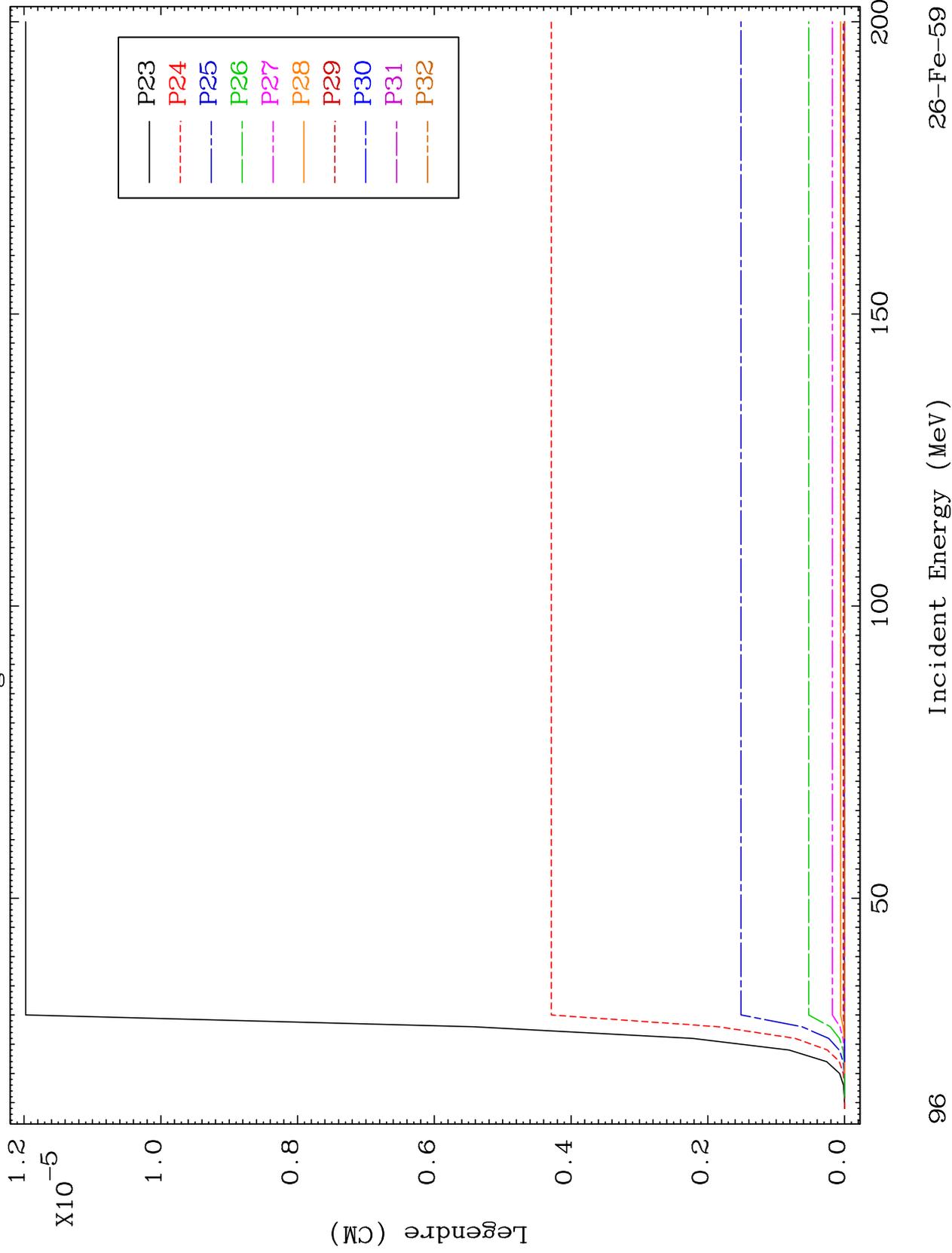




MAT 2640

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

26-Fe-59



96

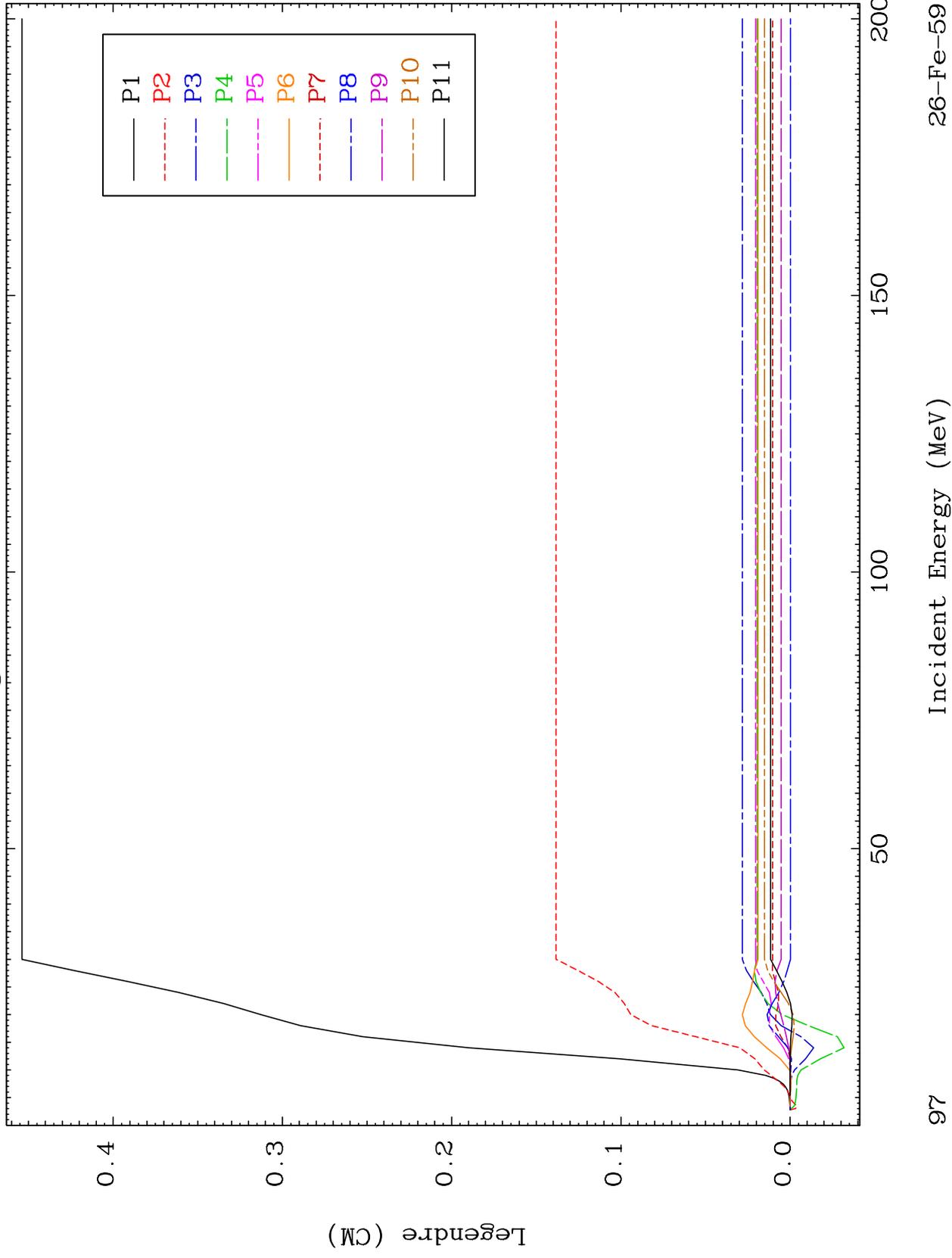
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

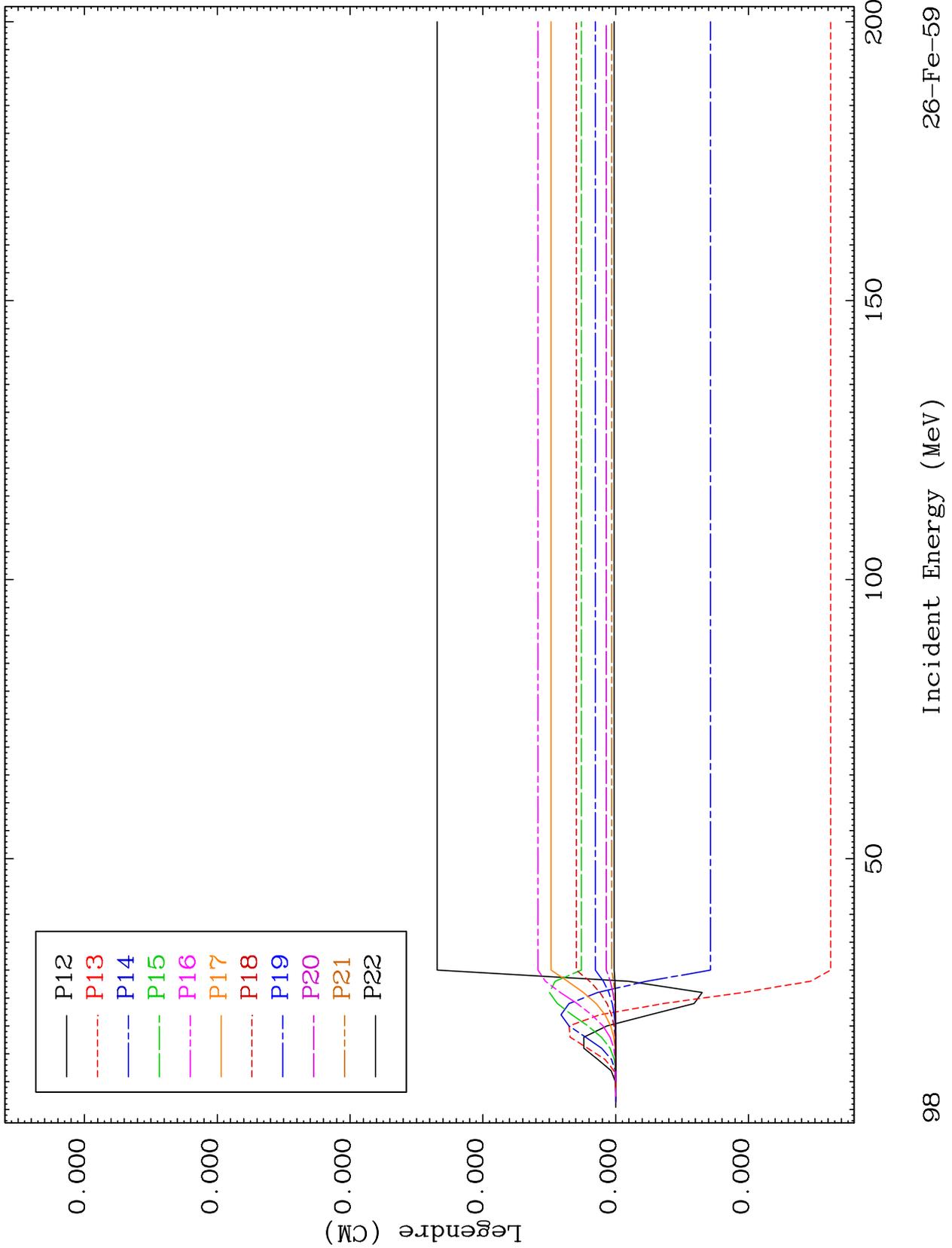
26-Fe-59



MAT 2640

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

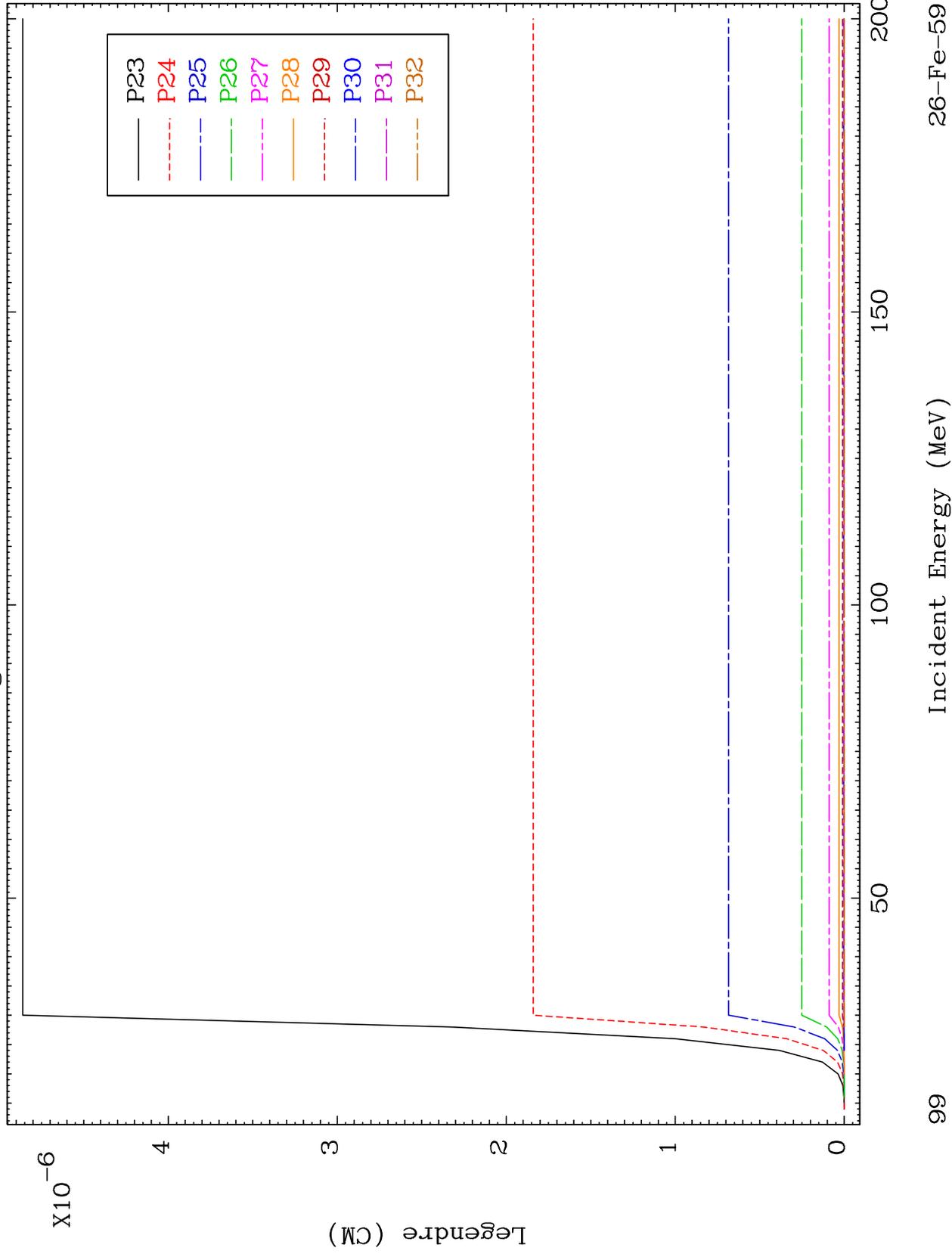
26-Fe-59



MAT 2640

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

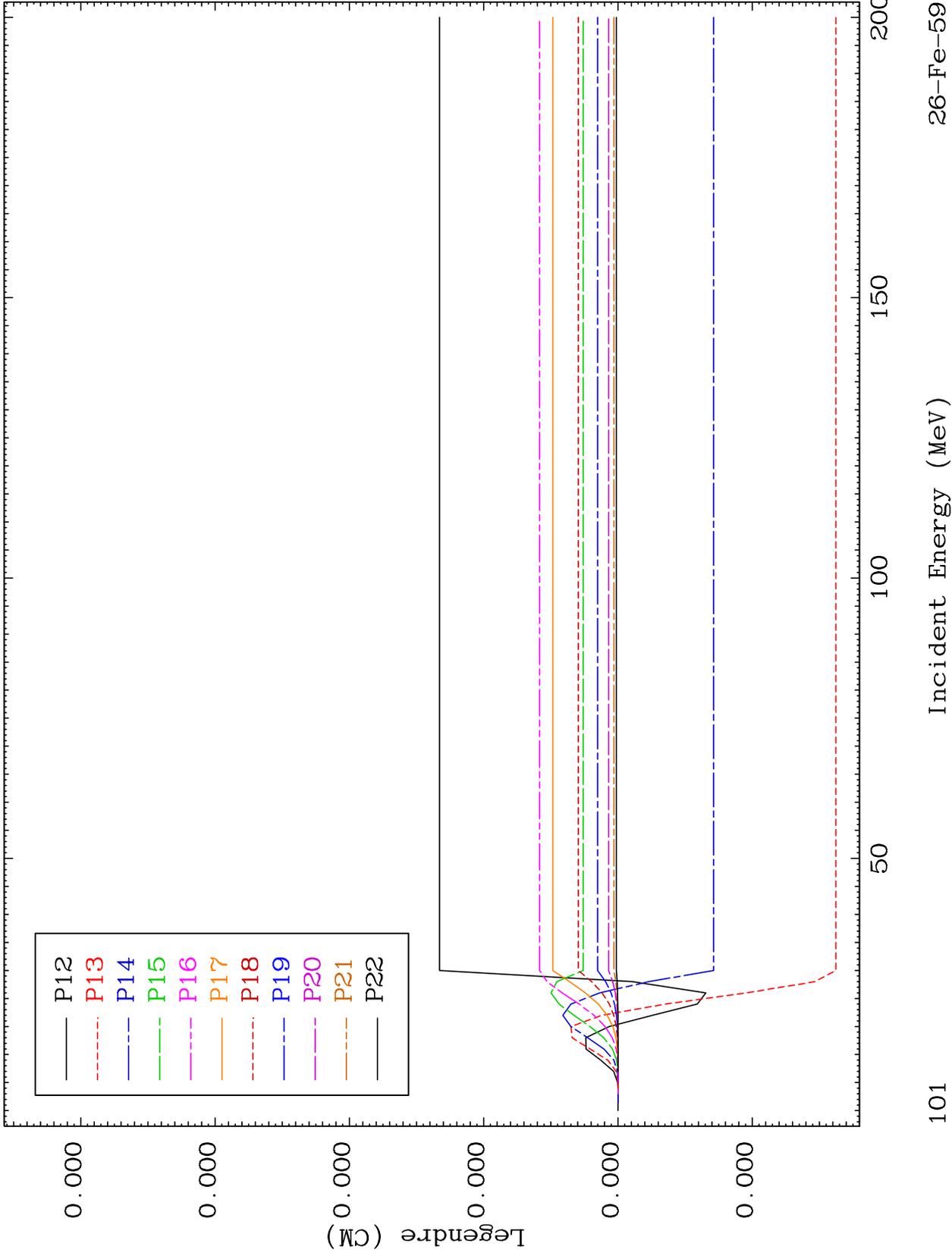
26-Fe-59



MAT 2640

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

26-Fe-59



101

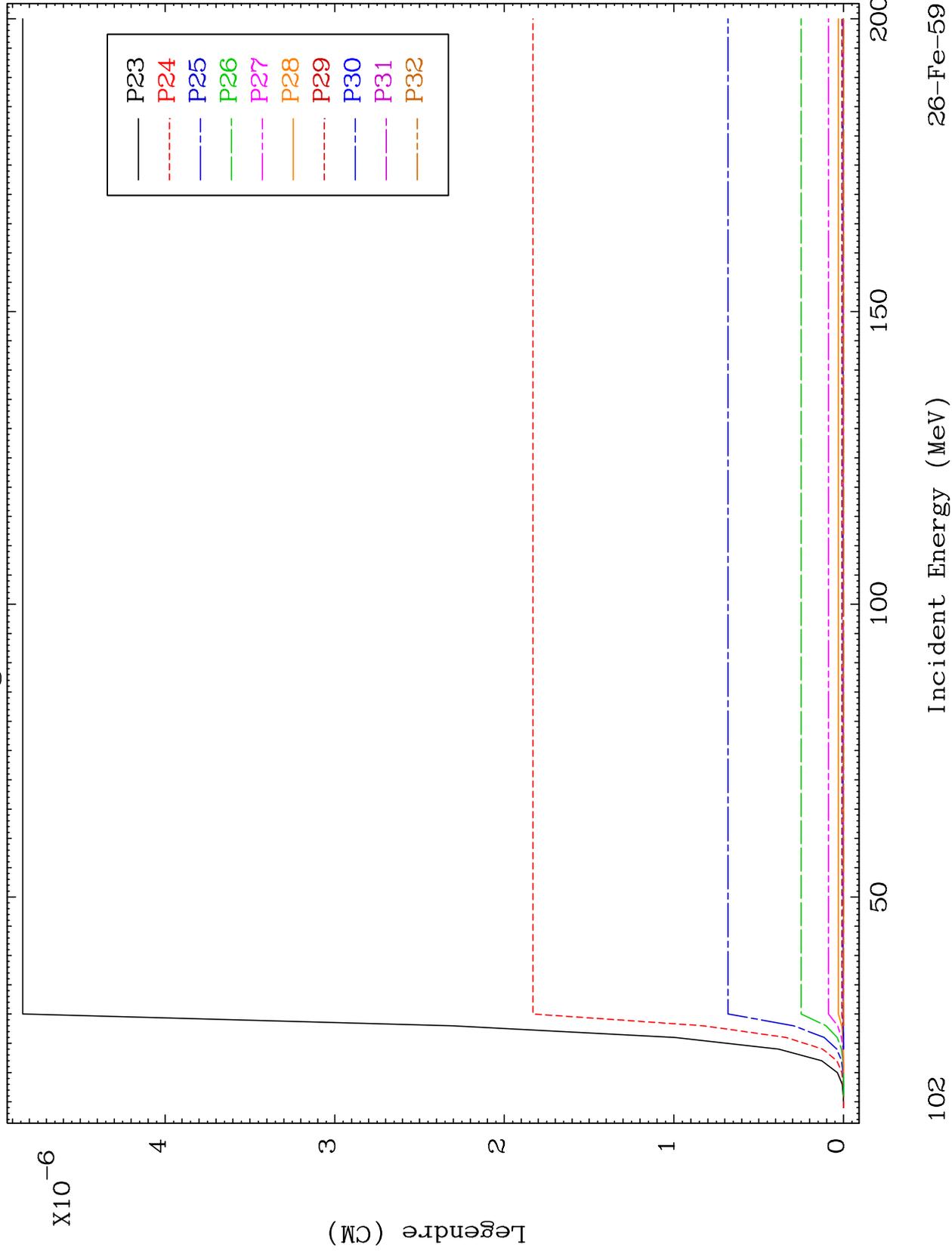
Incident Energy (MeV)

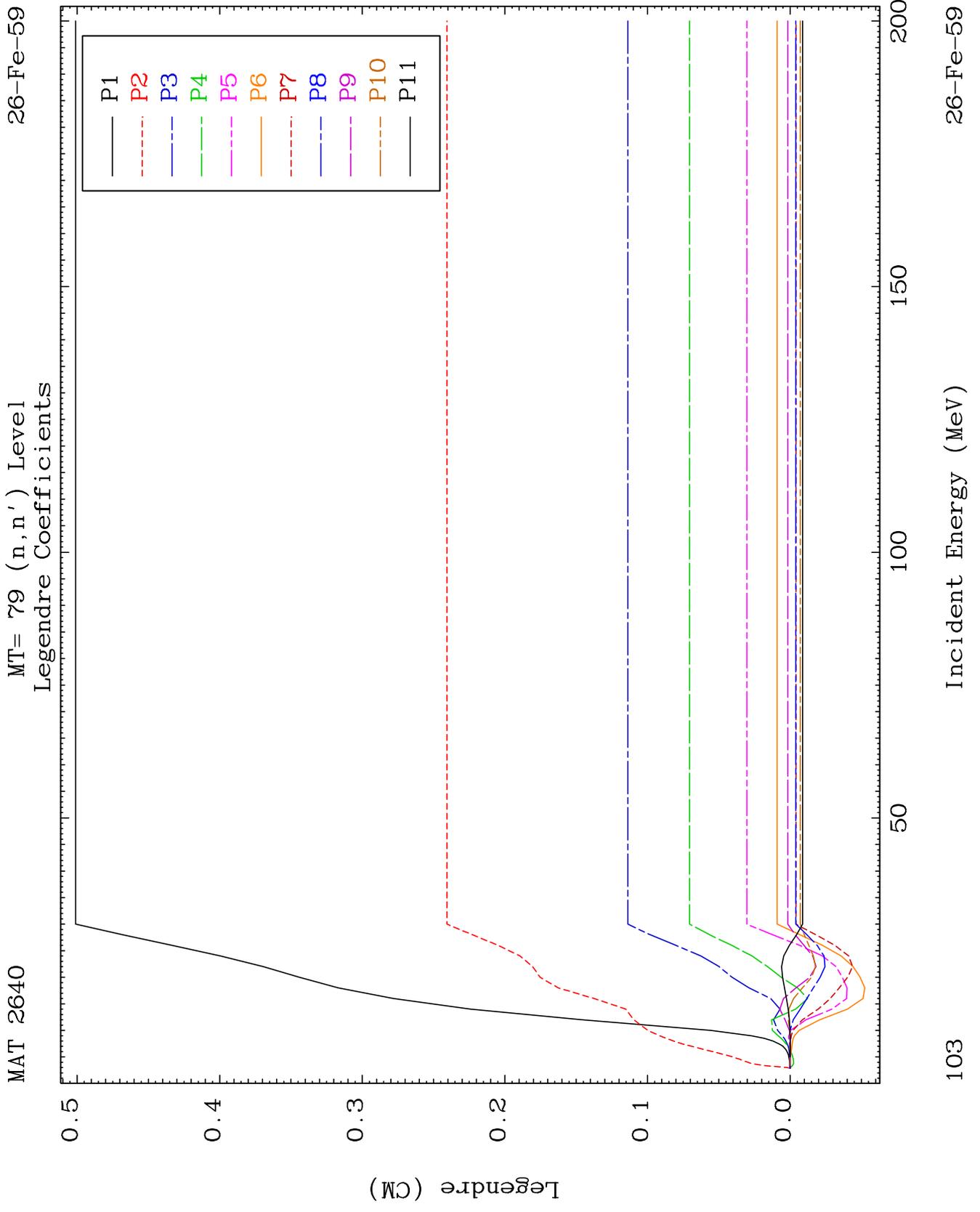
26-Fe-59

MAT 2640

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

26-Fe-59

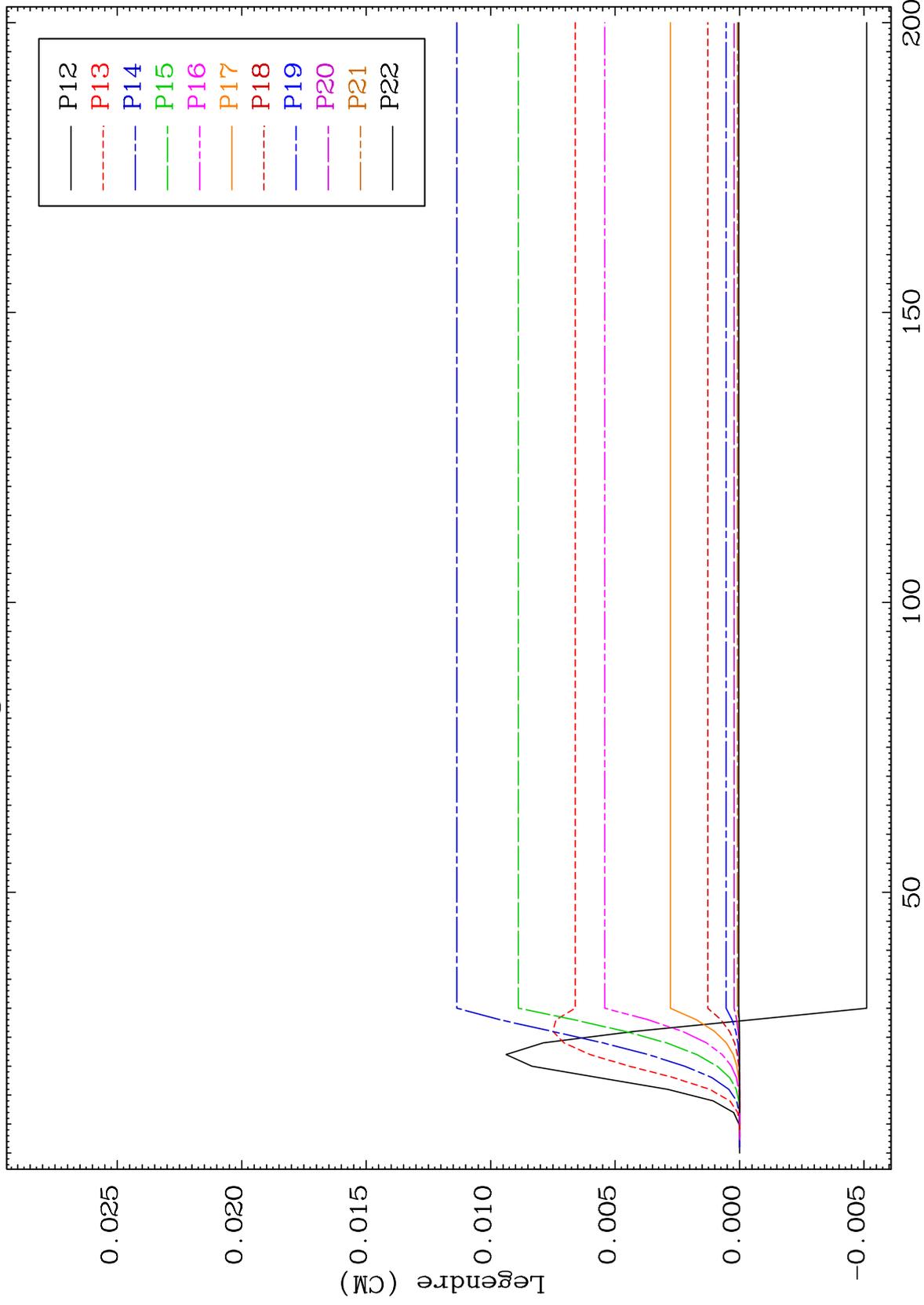




MAT 2640

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

26-Fe-59



104

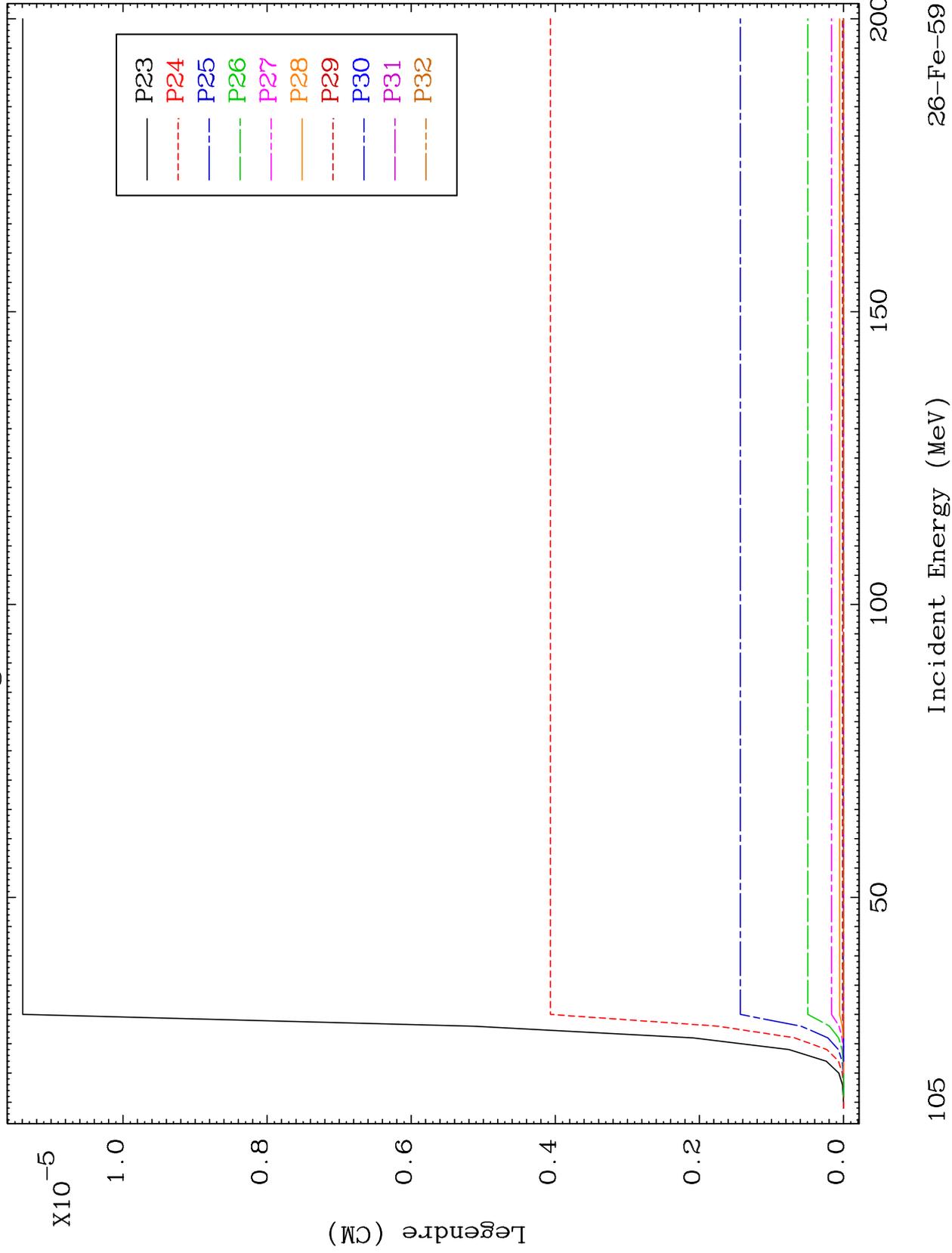
Incident Energy (MeV)

26-Fe-59

MAT 2640

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

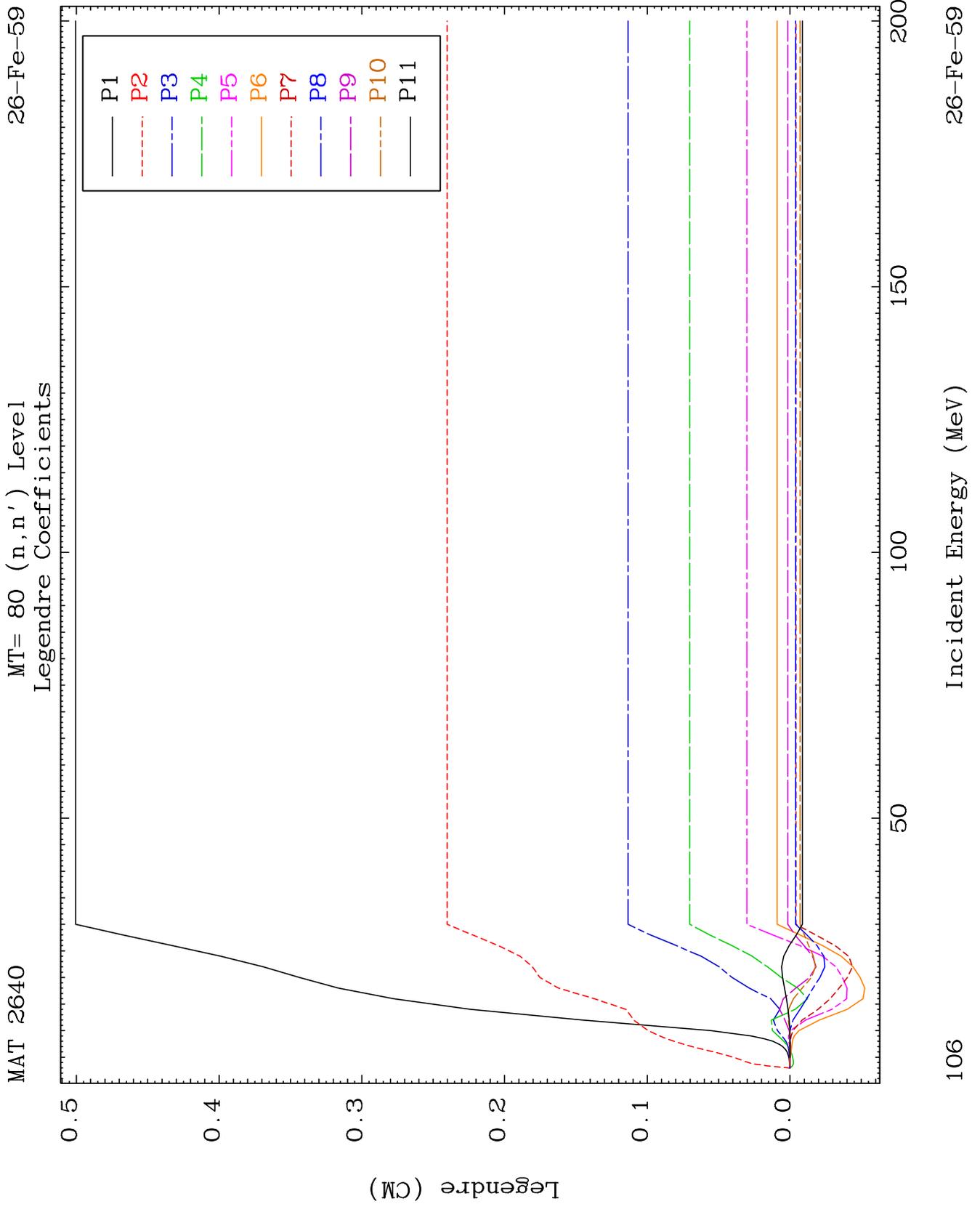
26-Fe-59



105

Incident Energy (MeV)

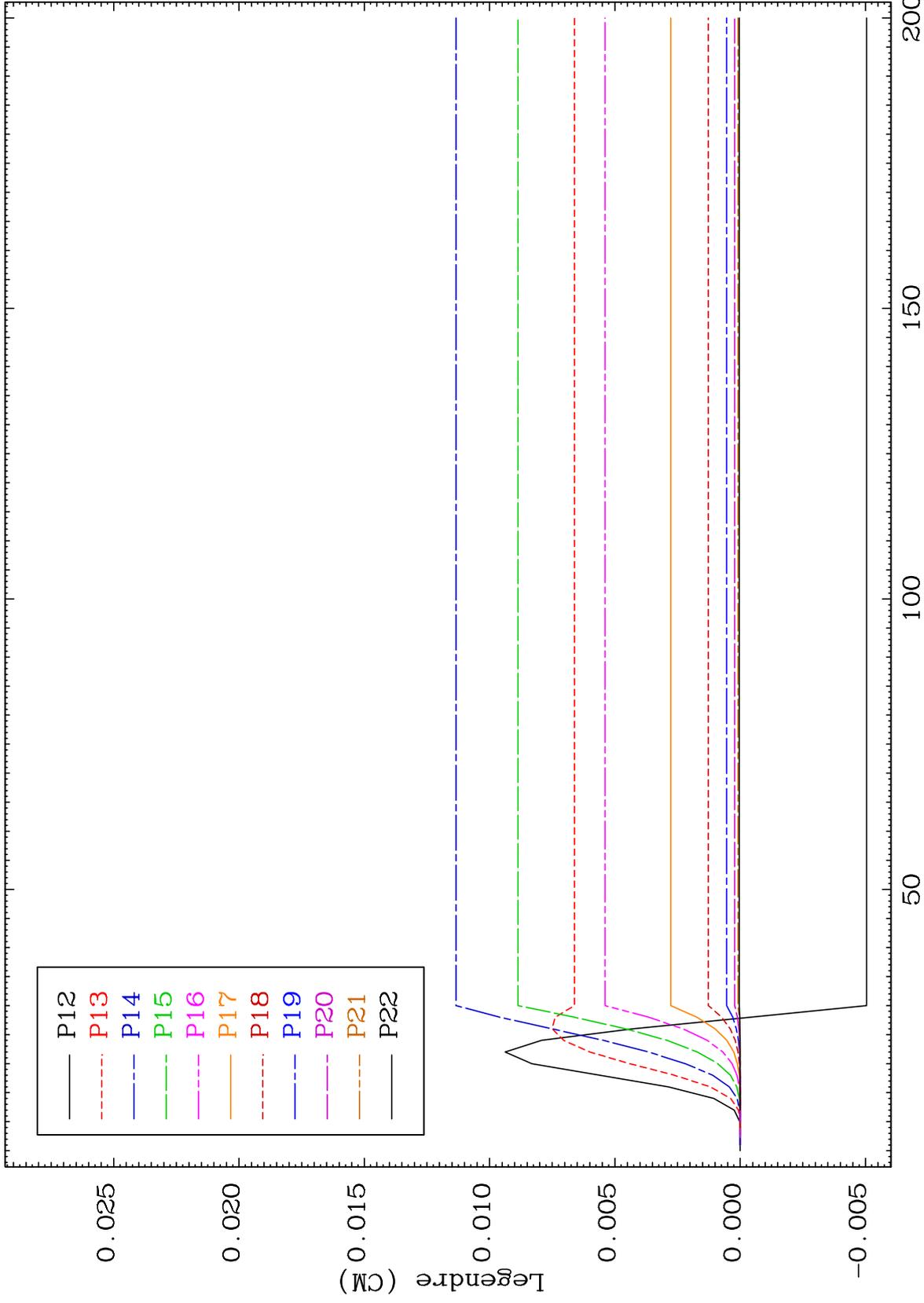
26-Fe-59



MAT 2640

MT= 80 (n,n') Level
Legendre Coefficients

26-Fe-59



107

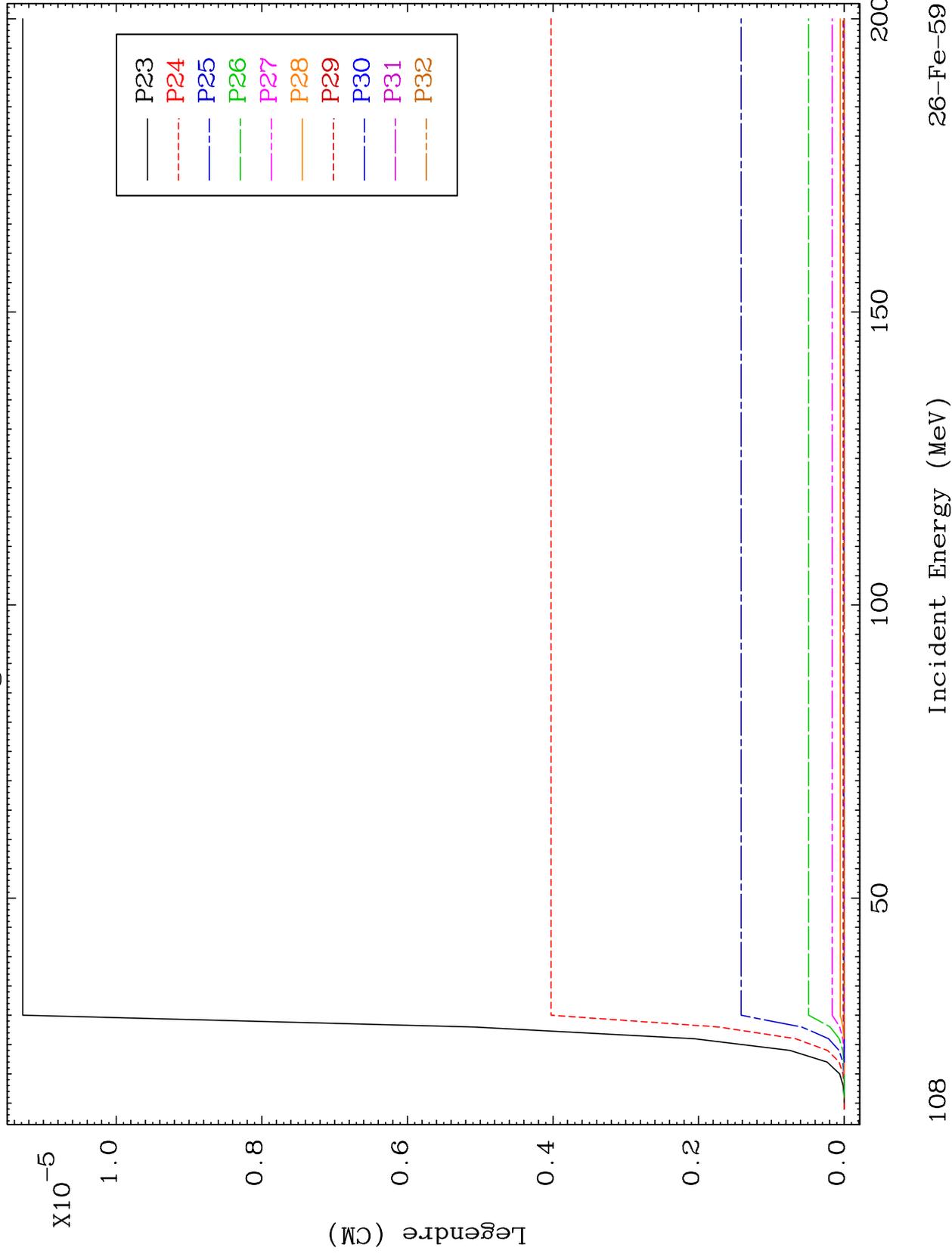
Incident Energy (MeV)

26-Fe-59

MAT 2640

MT= 80 (n,n') Level
Legendre Coefficients

26-Fe-59



108

Incident Energy (MeV)

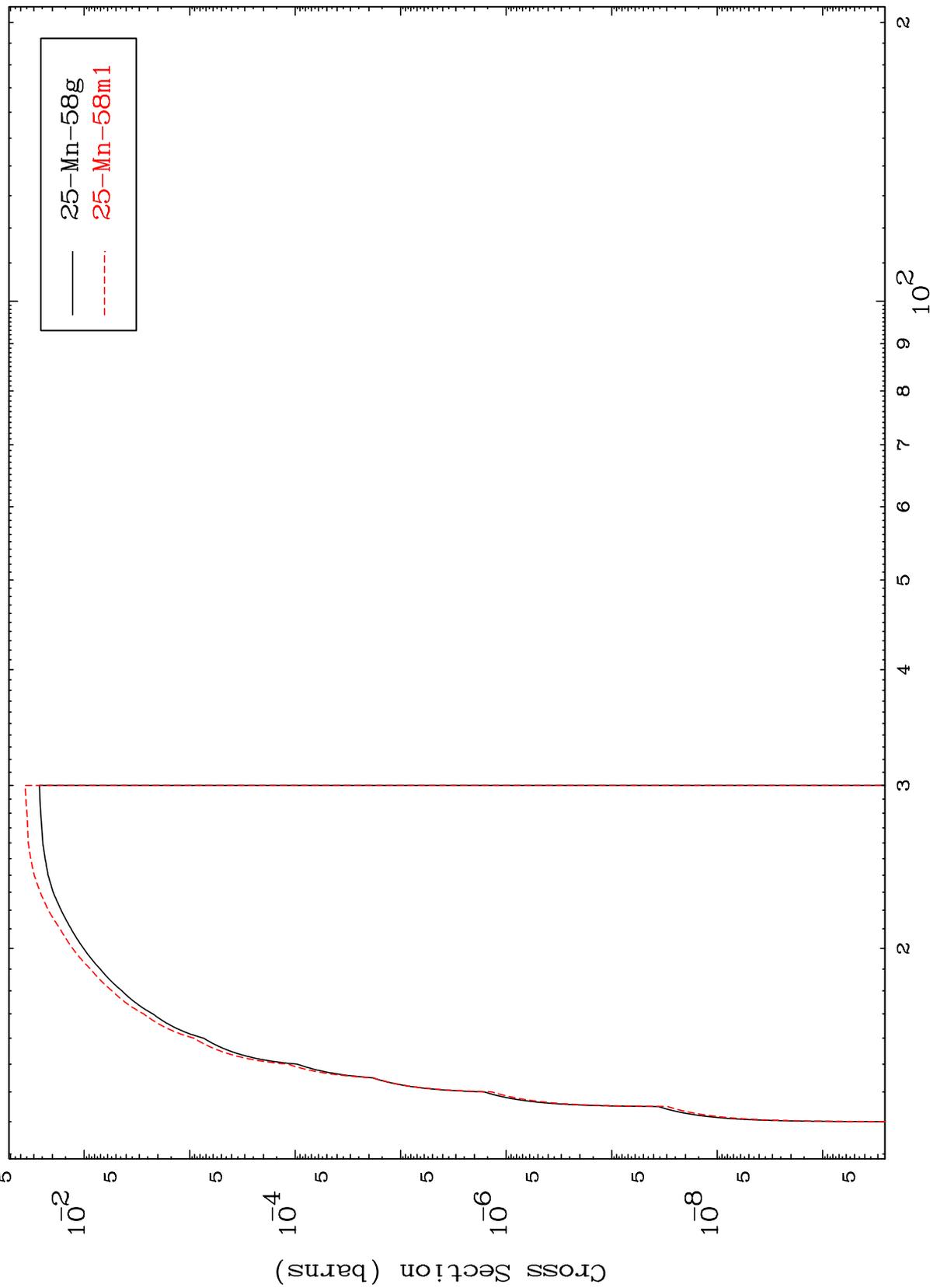
26-Fe-59

MAT 2640

(n,n') p

26-Fe-59

Radionuclide Production Cross Section



109

Incident Energy (MeV)

26-Fe-59

