

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

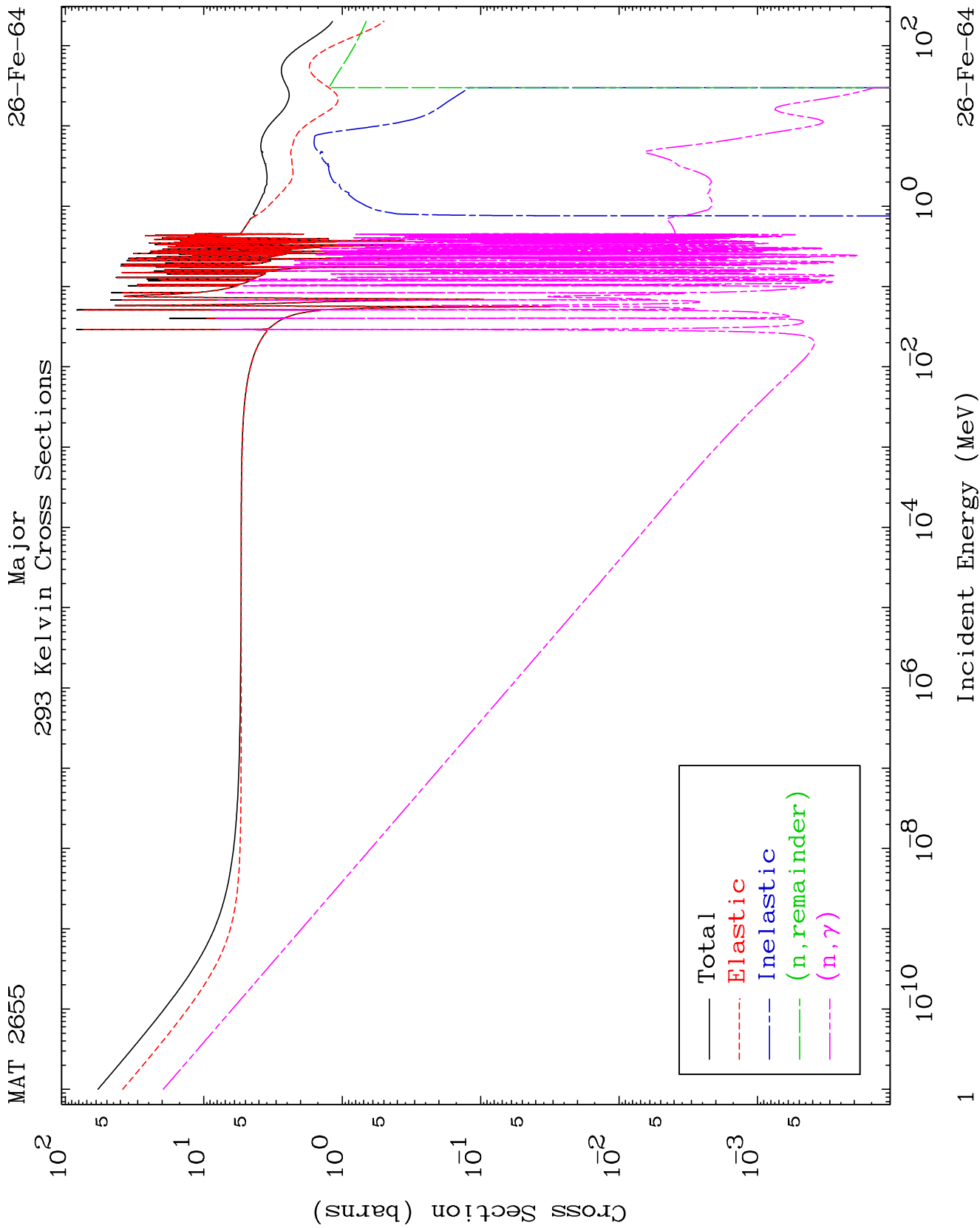
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

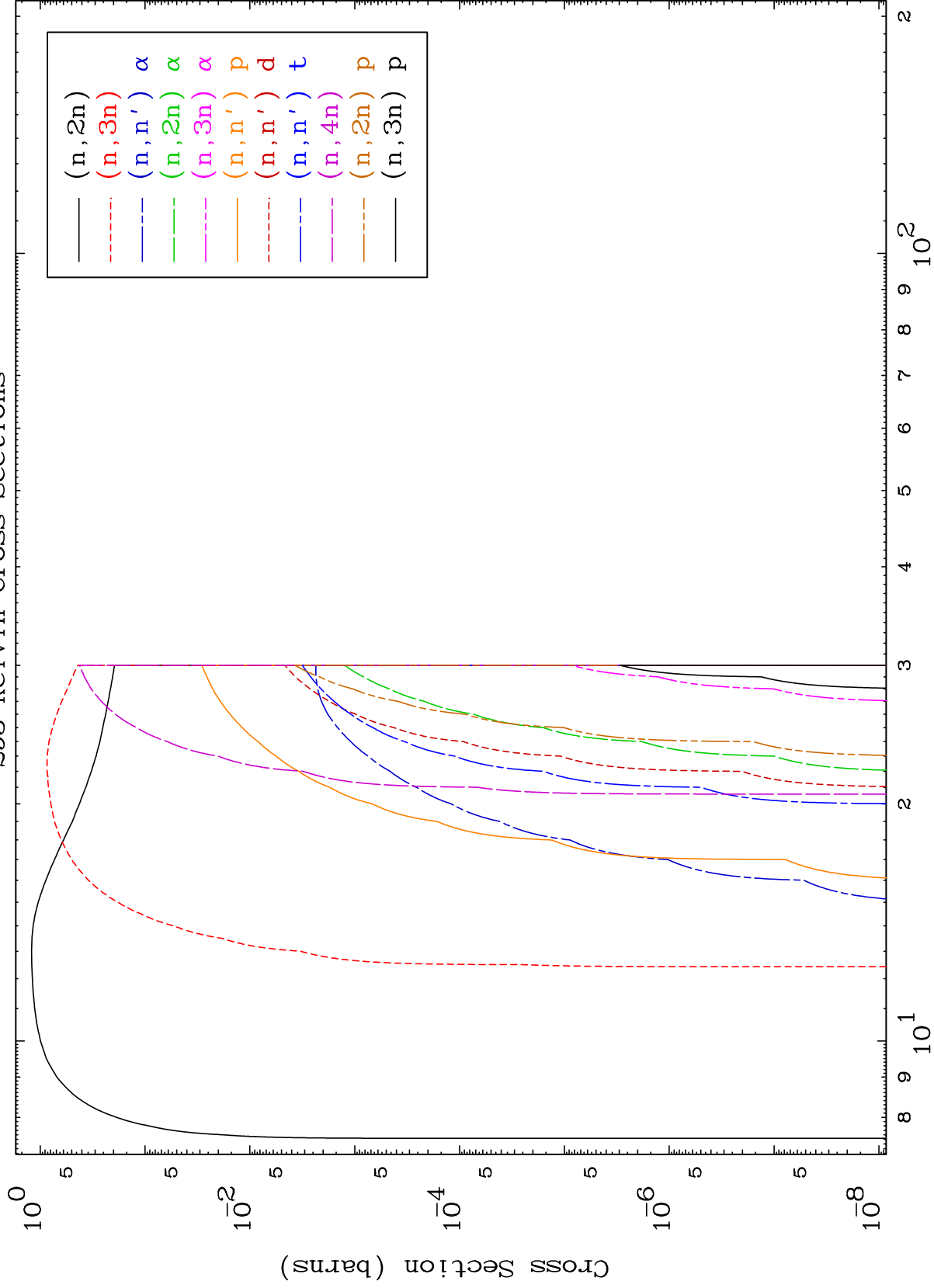
Press Mouse Button to Start



MAT 2655

Neutron Production
293 Kelvin Cross Sections

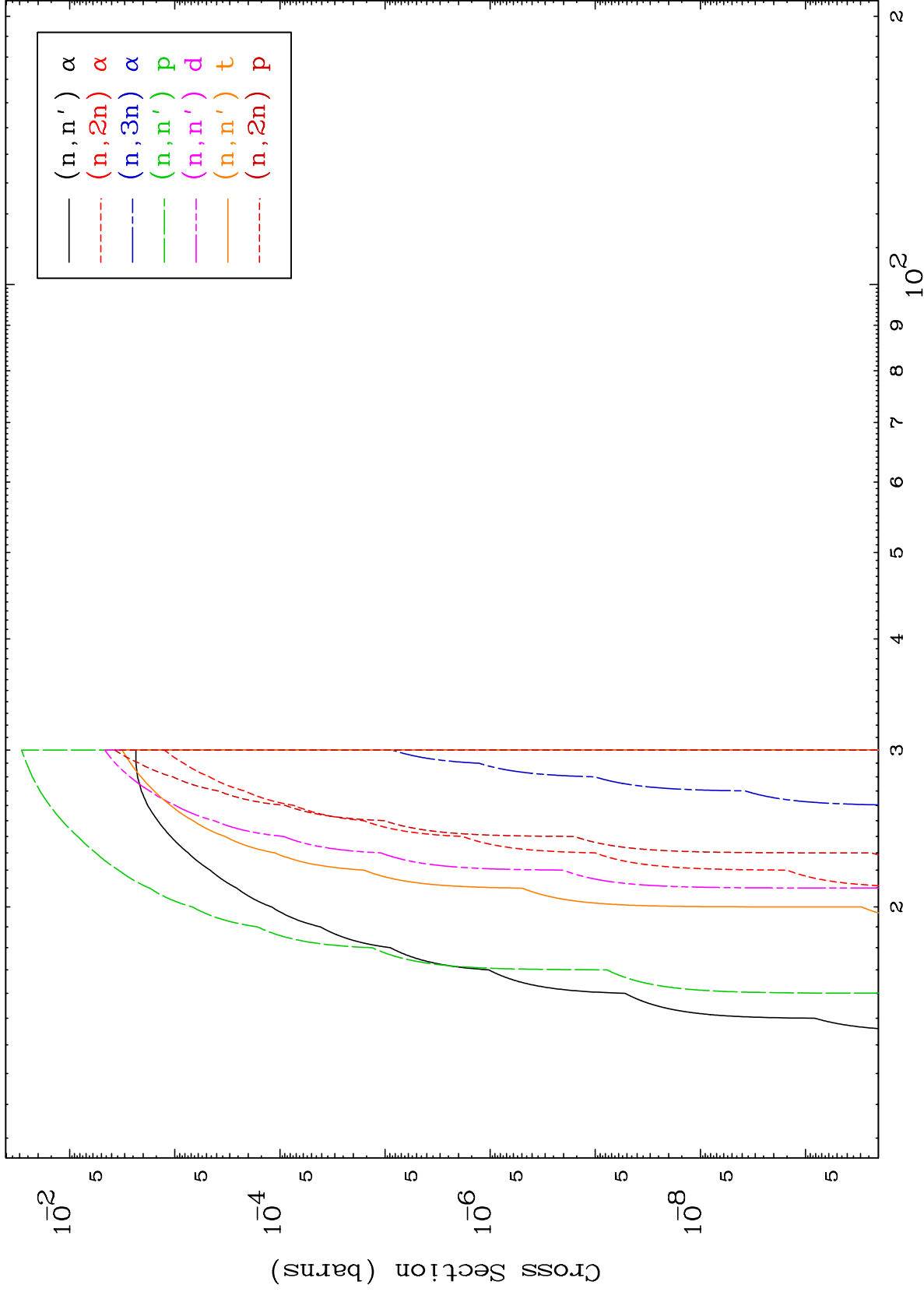
26-Fe-64



Incident Energy (MeV)

26-Fe-64

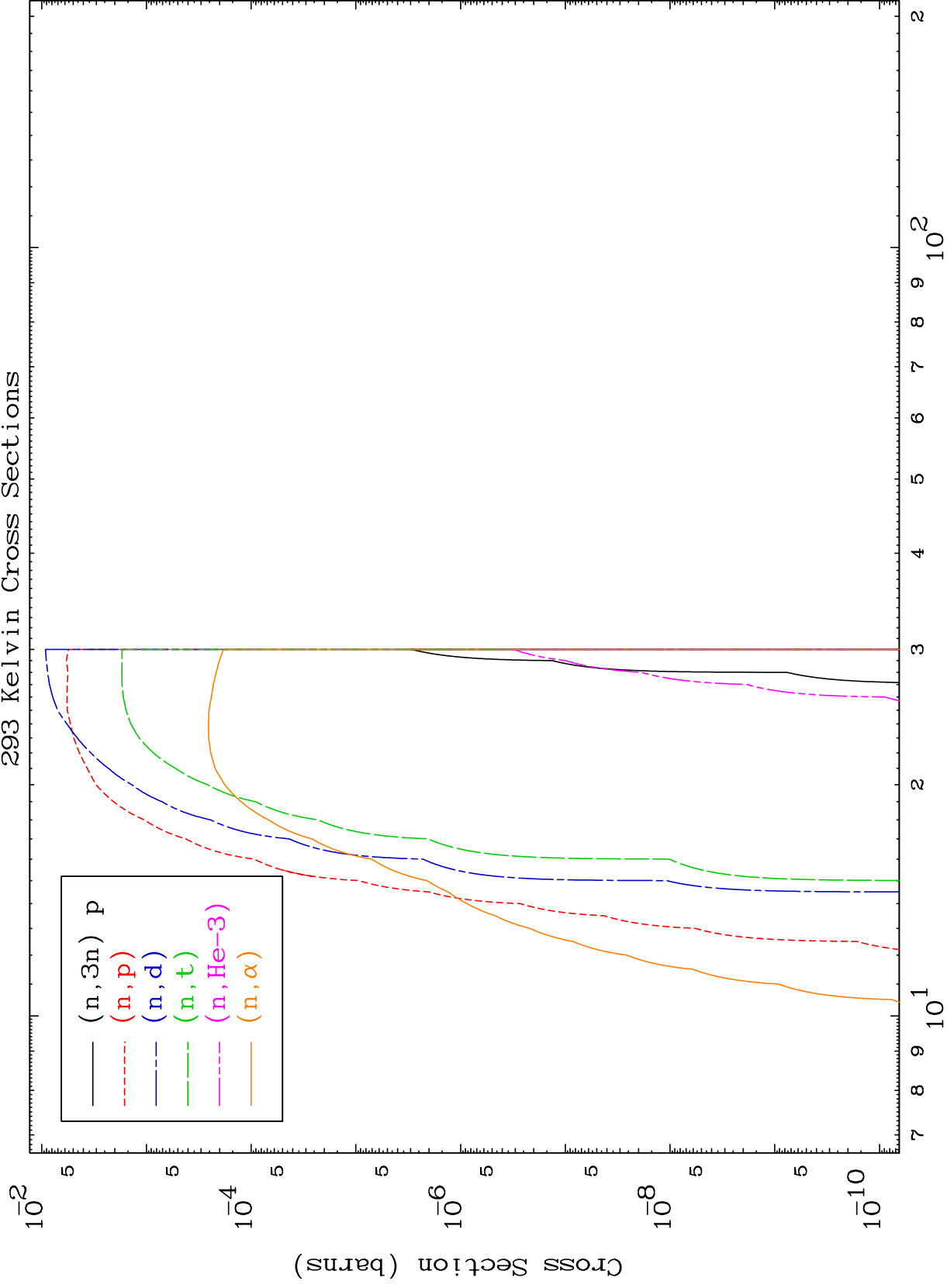
2



MAT 2655

Charged Particle
293 Kelvin Cross Sections

26-Fe-64



4

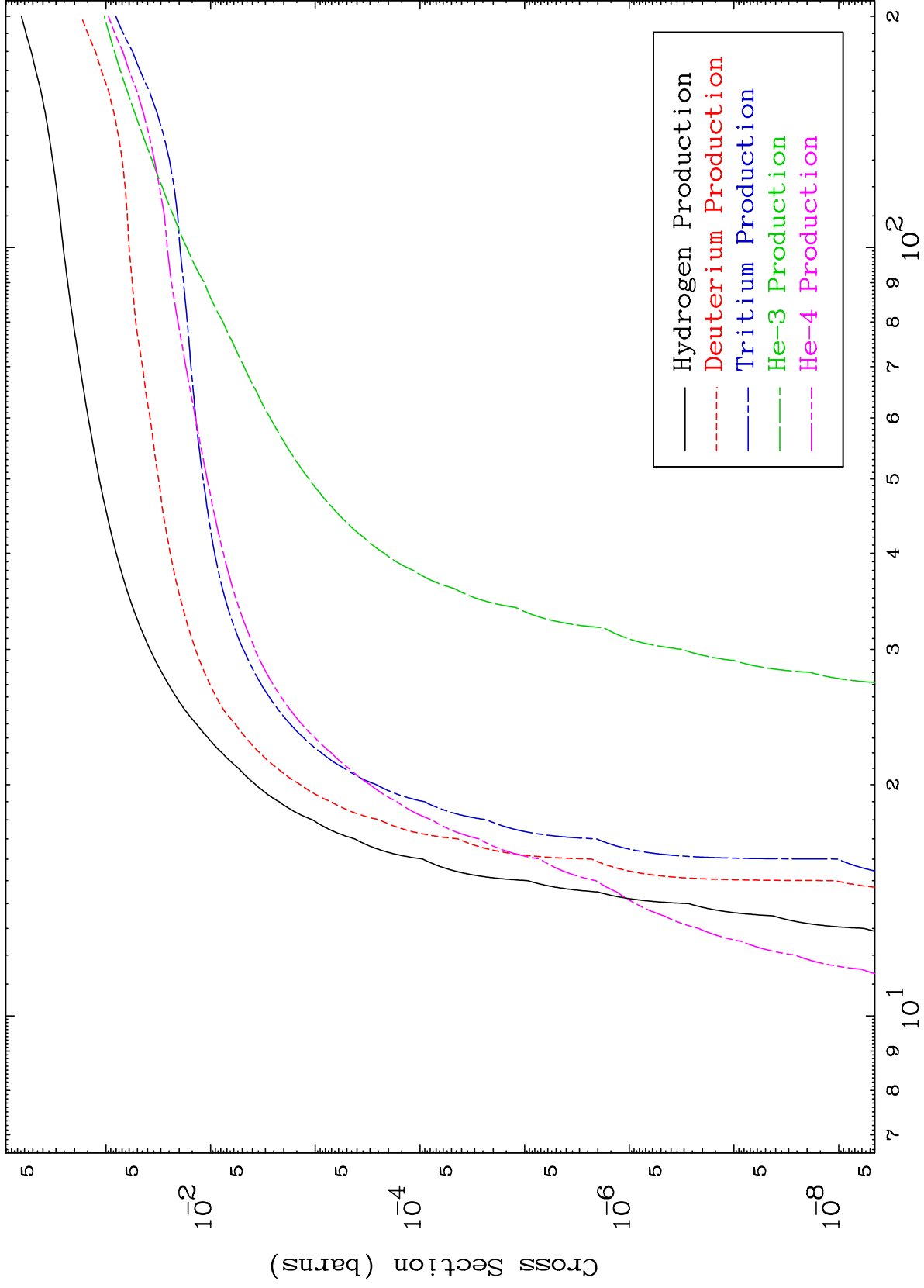
Incident Energy (MeV)

26-Fe-64

MAT 2655

Particle Production
293 Kelvin Cross Sections

26-Fe-64



5

Incident Energy (MeV)

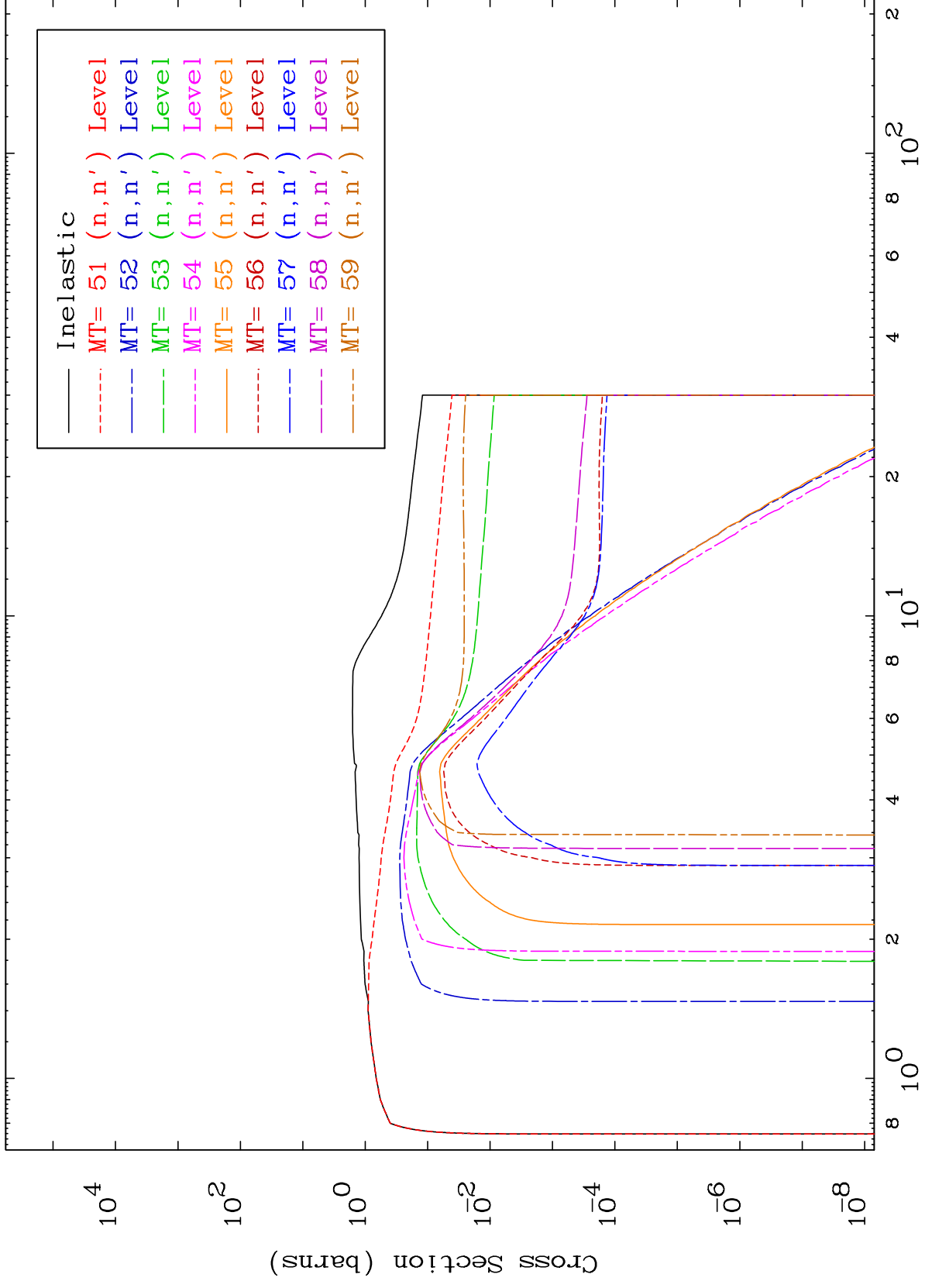
26-Fe-64

MAT 2655

(n,n') Level

26-Fe-64

293 Kelvin Cross Sections



Incident Energy (MeV)

26-Fe-64

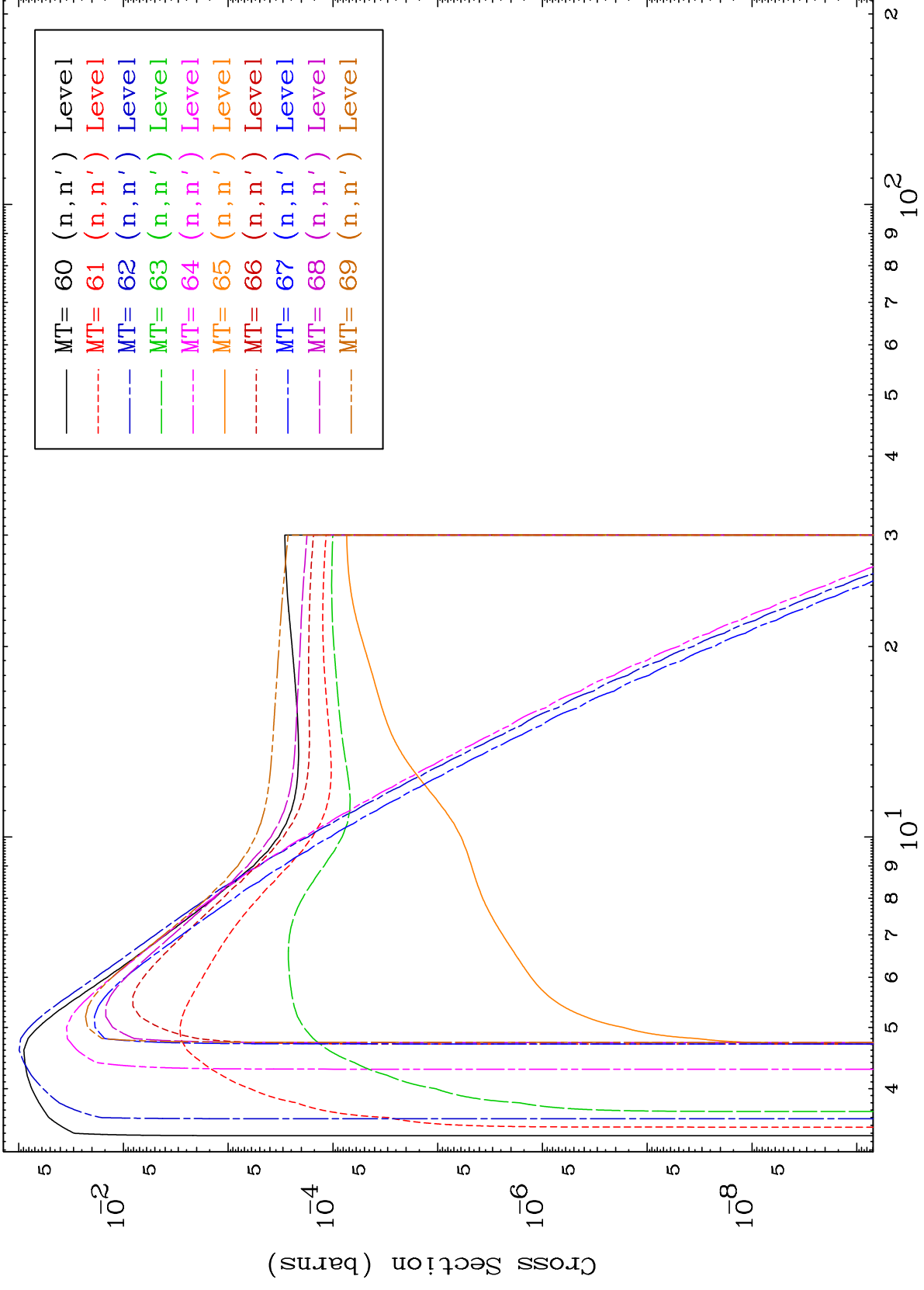
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MAT 2655

(n,n') Level

26-Fe-64

293 Kelvin Cross Sections



7

Incident Energy (MeV)

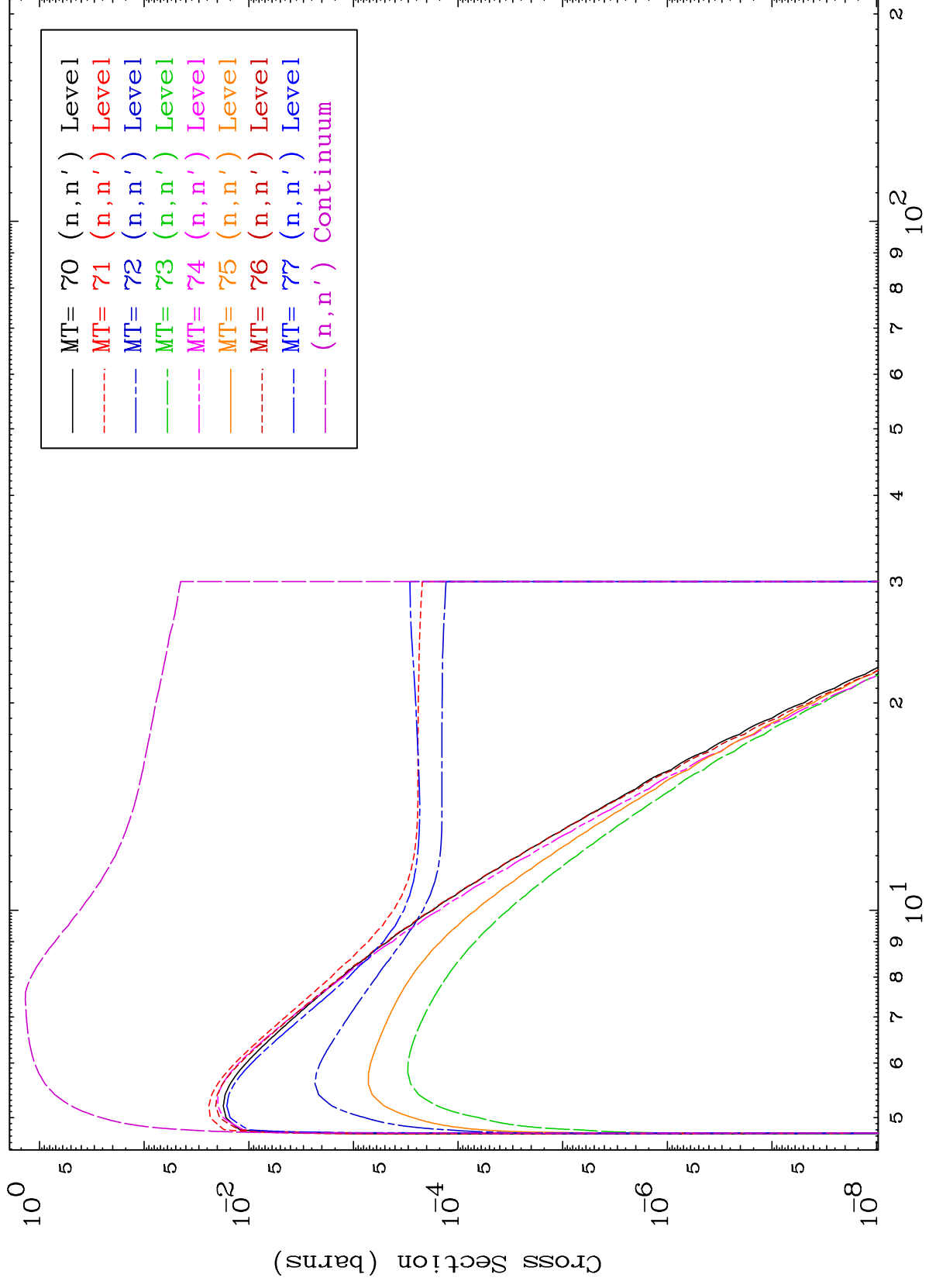
26-Fe-64

MAT 2655

(n,n') Level

293 Kelvin Cross Sections

26-Fe-64



8

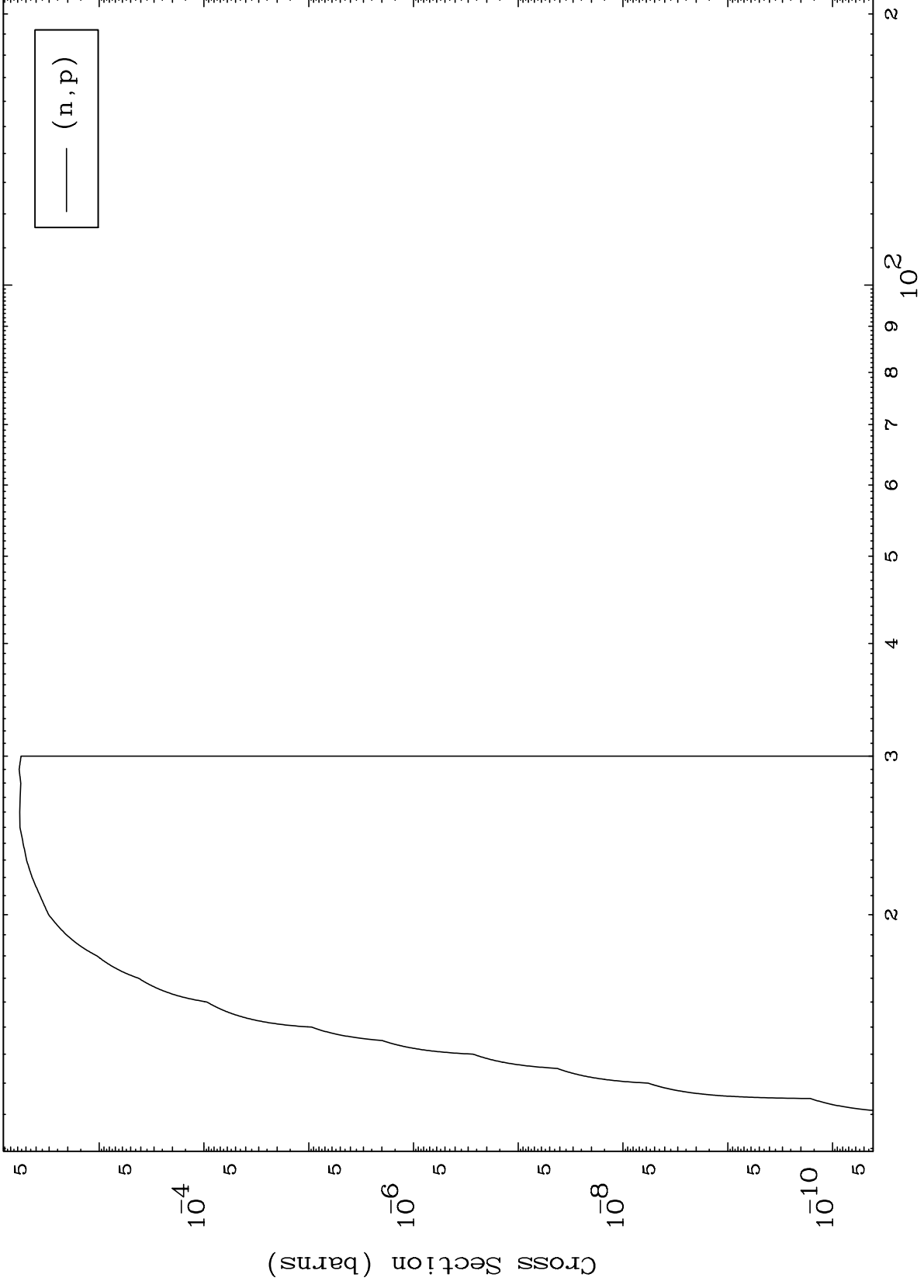
Incident Energy (MeV)

26-Fe-64

MAT 2655

(n,p) Levels
293 Kelvin Cross Sections

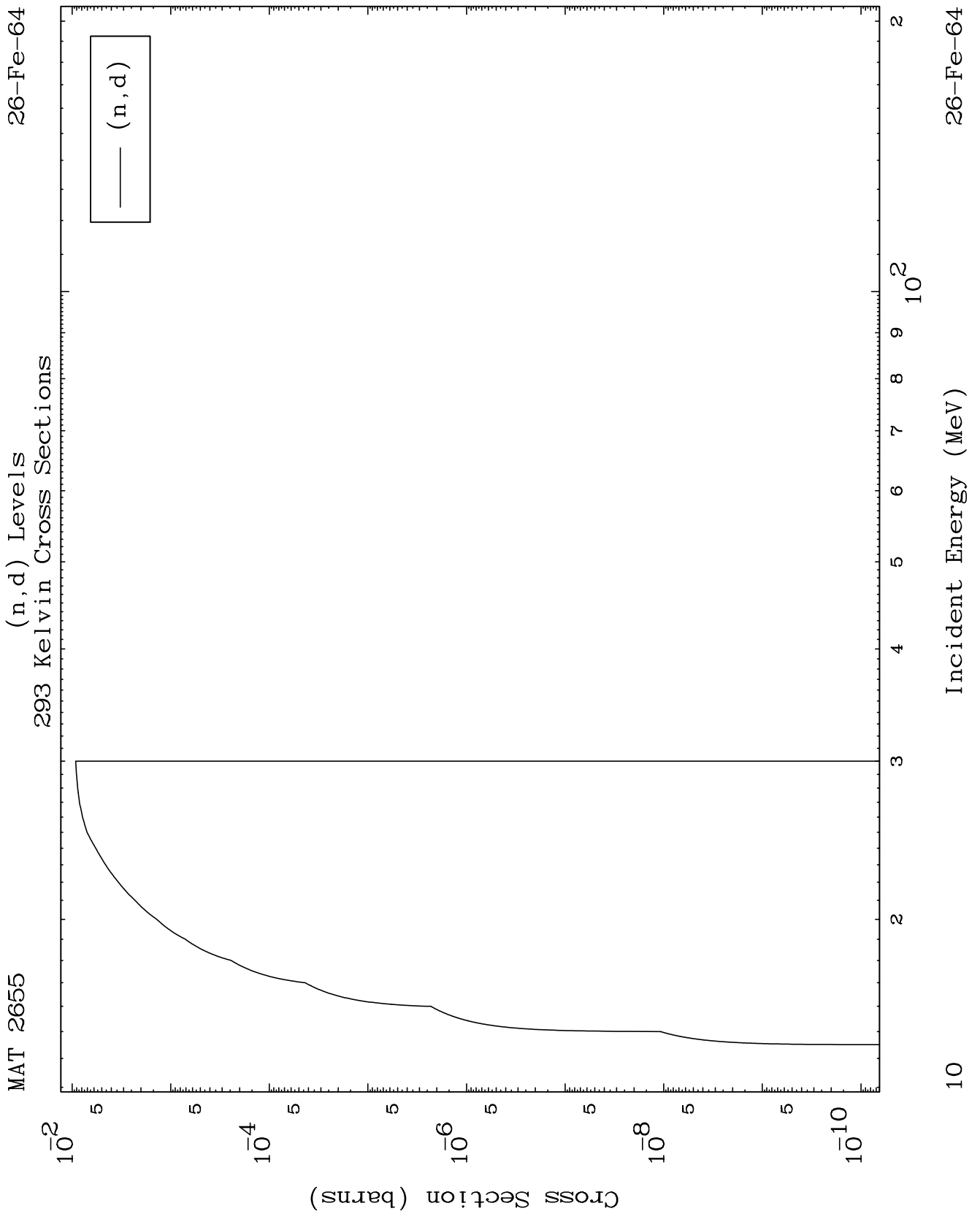
26-Fe-64



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Incident Energy (MeV)

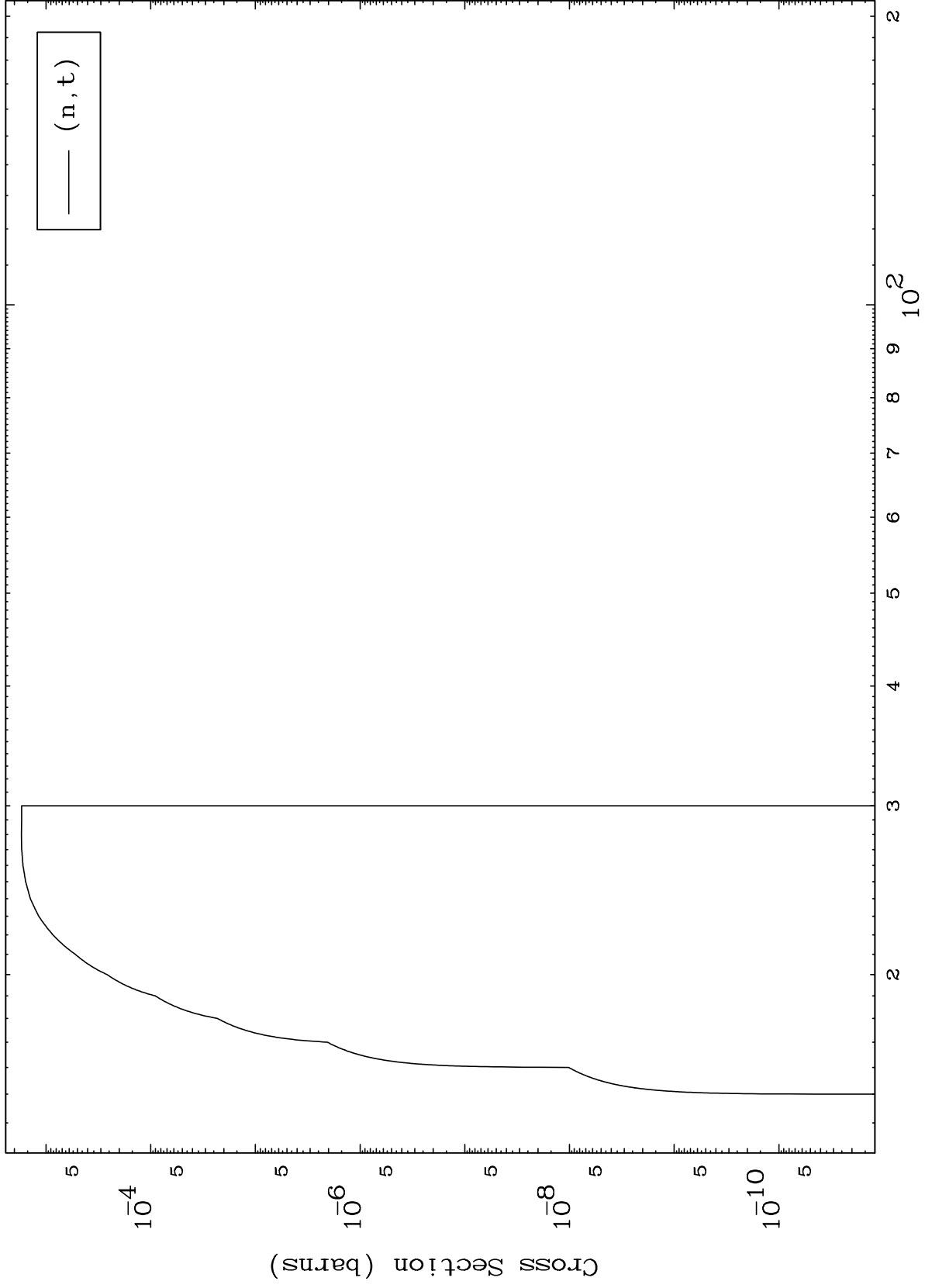
26-Fe-64



MAT 2655

(n,t) Levels
293 Kelvin Cross Sections

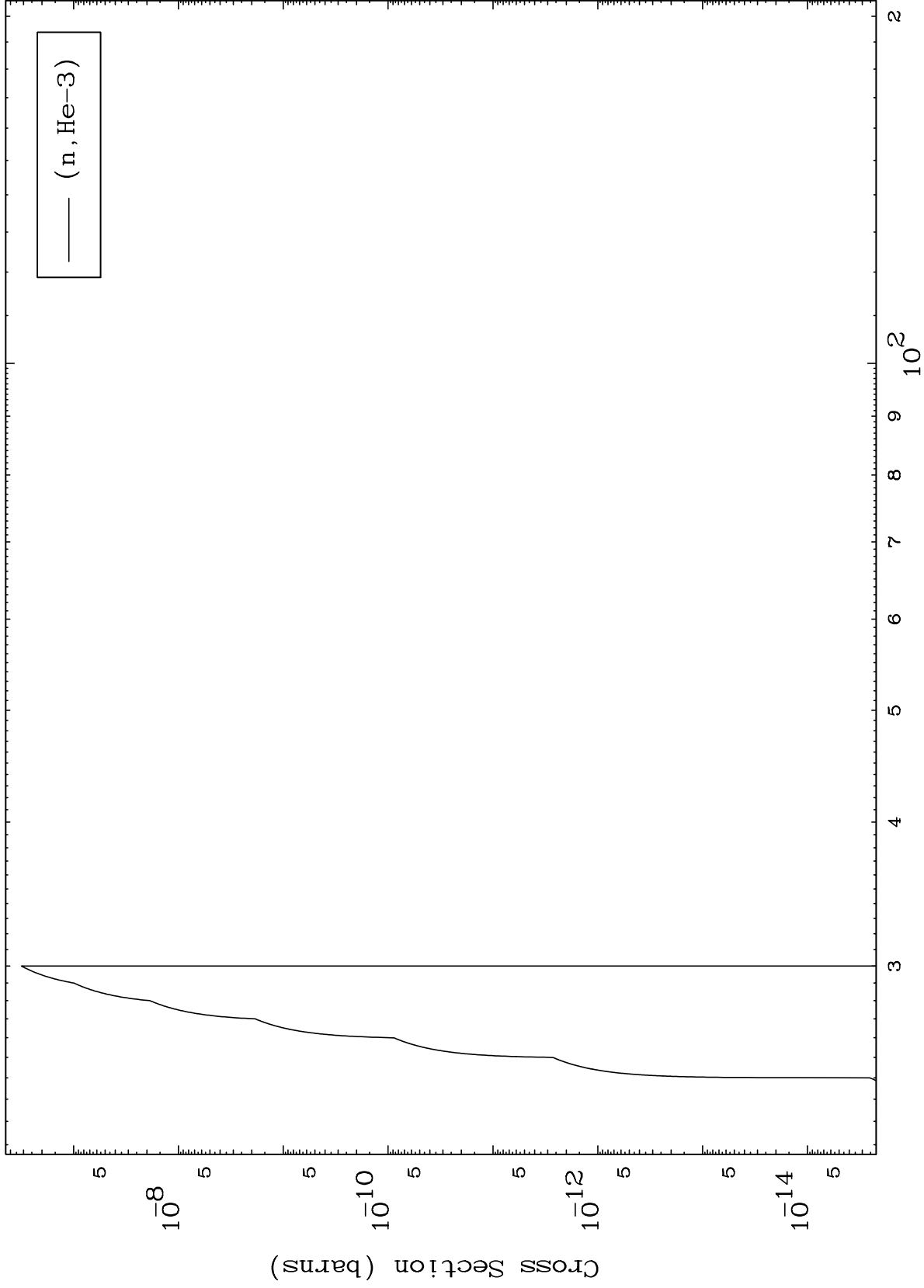
26-Fe-64



MAT 2655

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-64



12

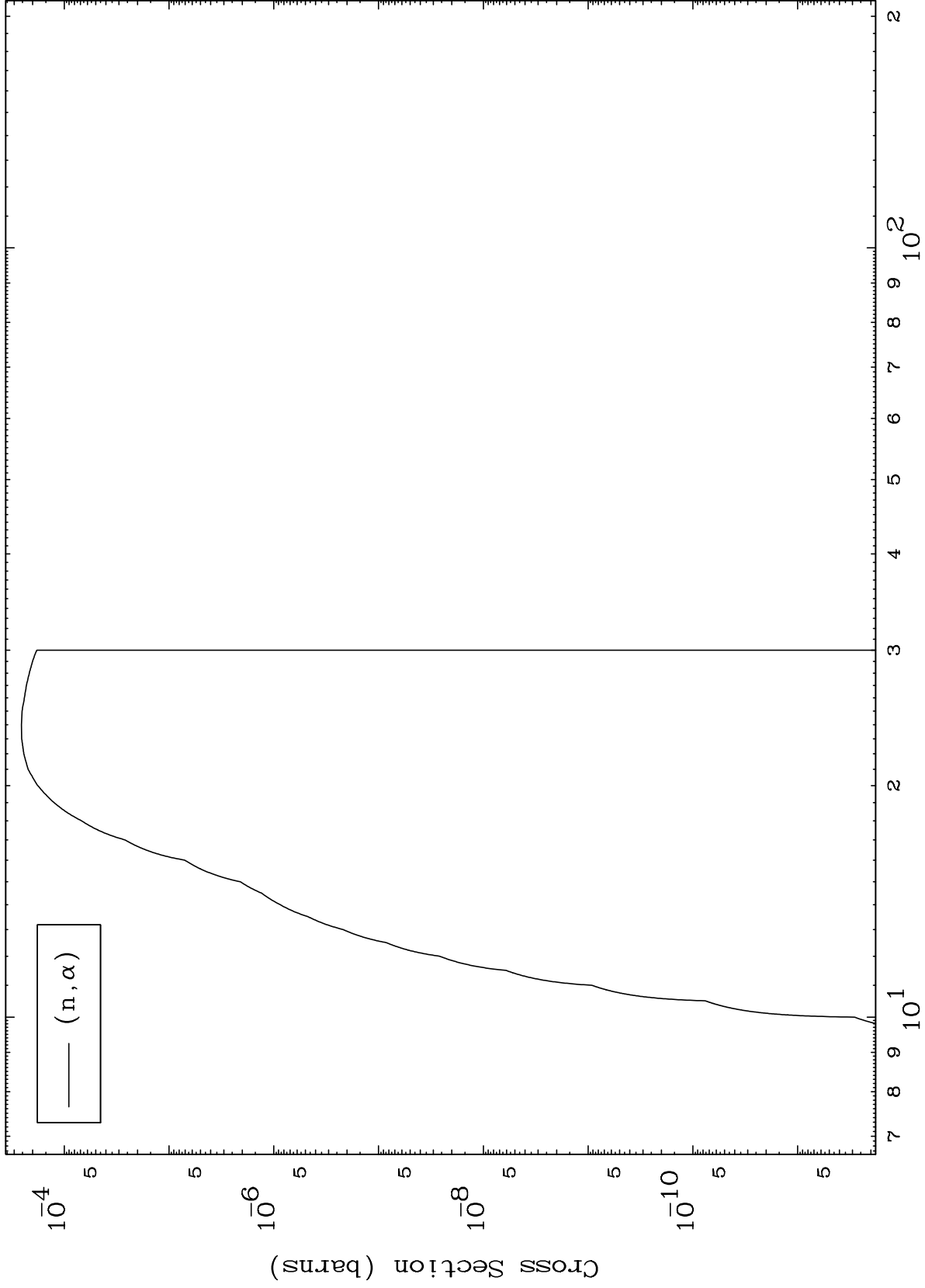
Incident Energy (MeV)

26-Fe-64

MAT 2655

(n, α) Levels
293 Kelvin Cross Sections

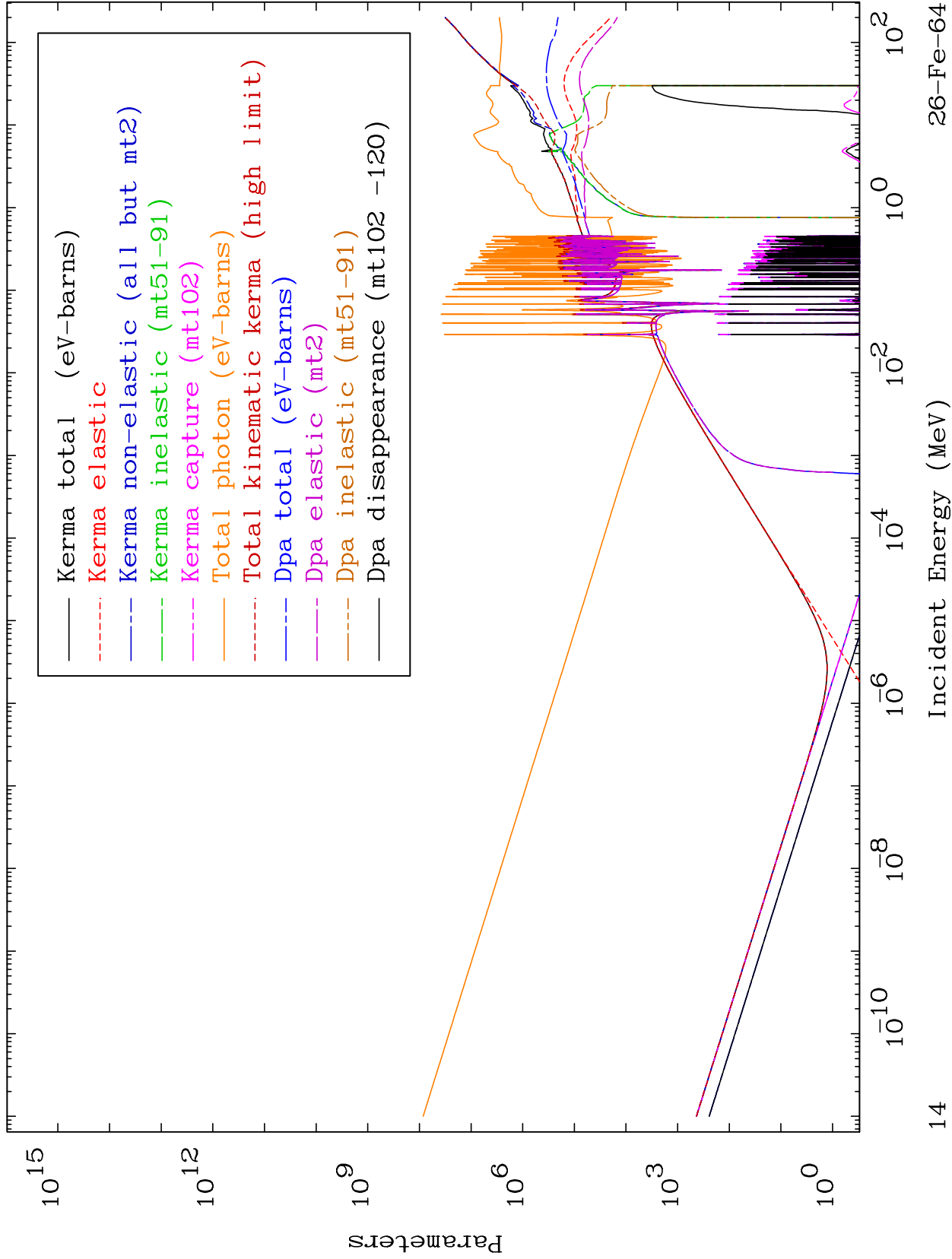
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13

Incident Energy (MeV)

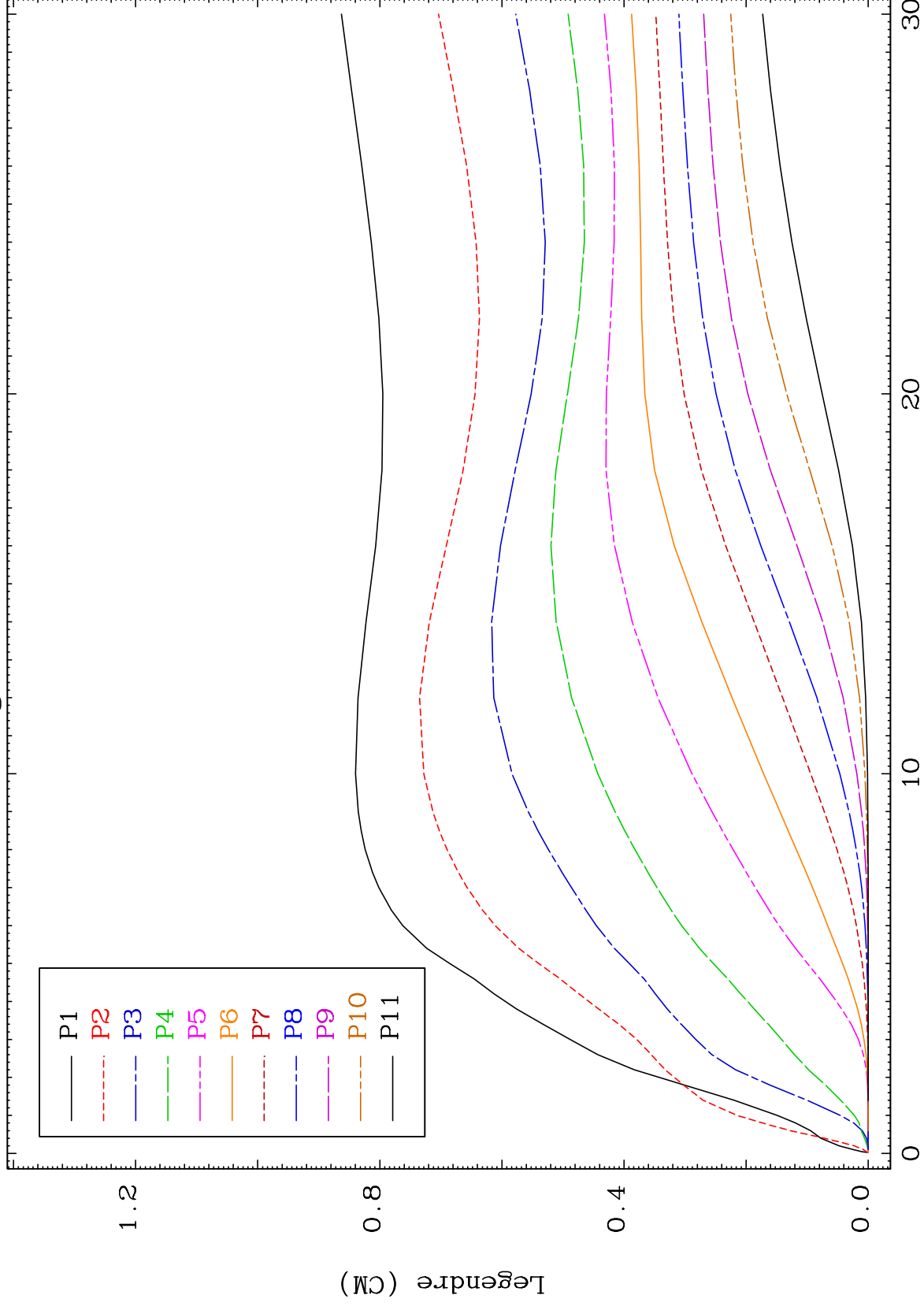
26-Fe-64



MAT 2655

Elastic Legendre Coefficients

26-Fe-64

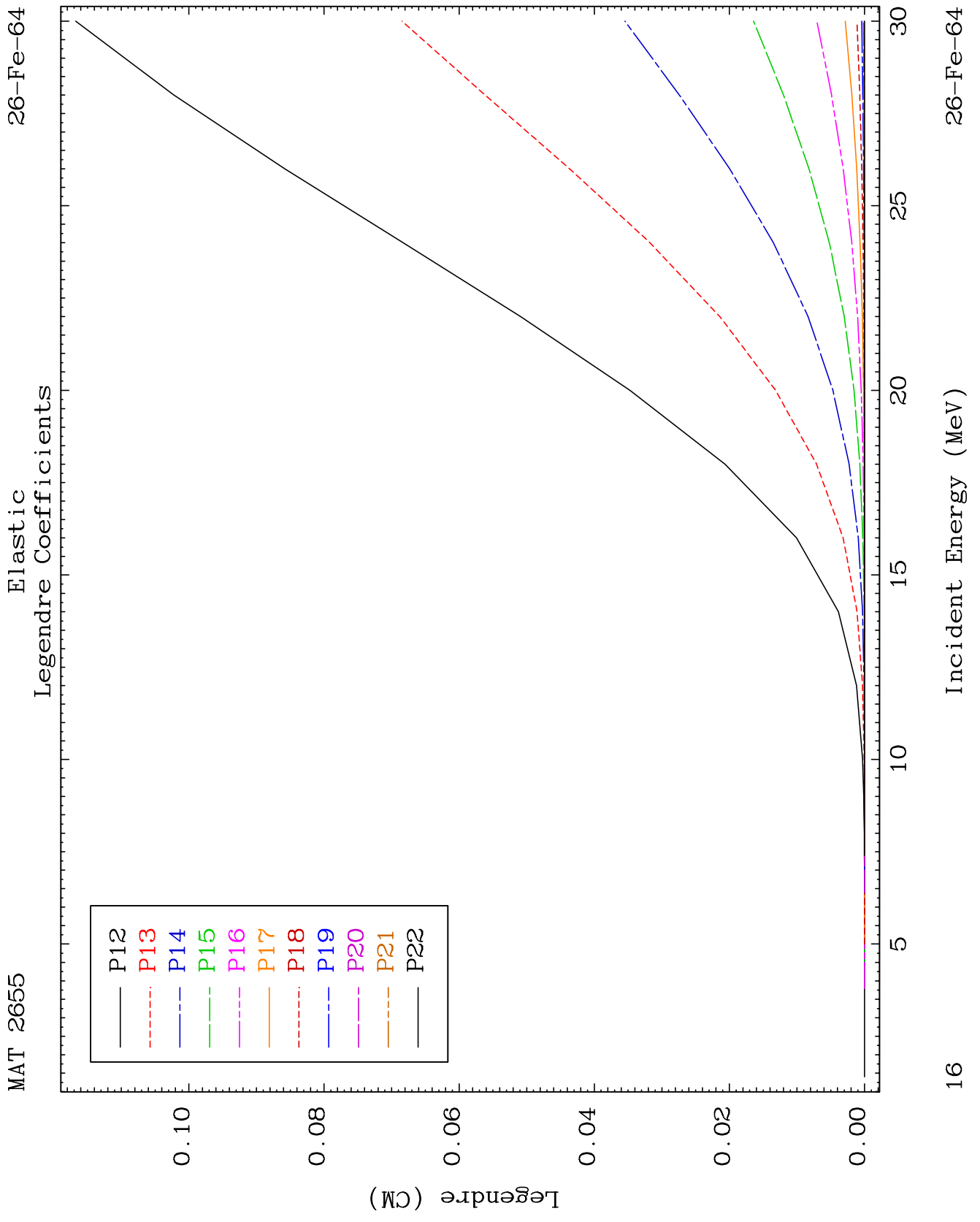


15

Incident Energy (MeV)

26-Fe-64

30



MAT 2655

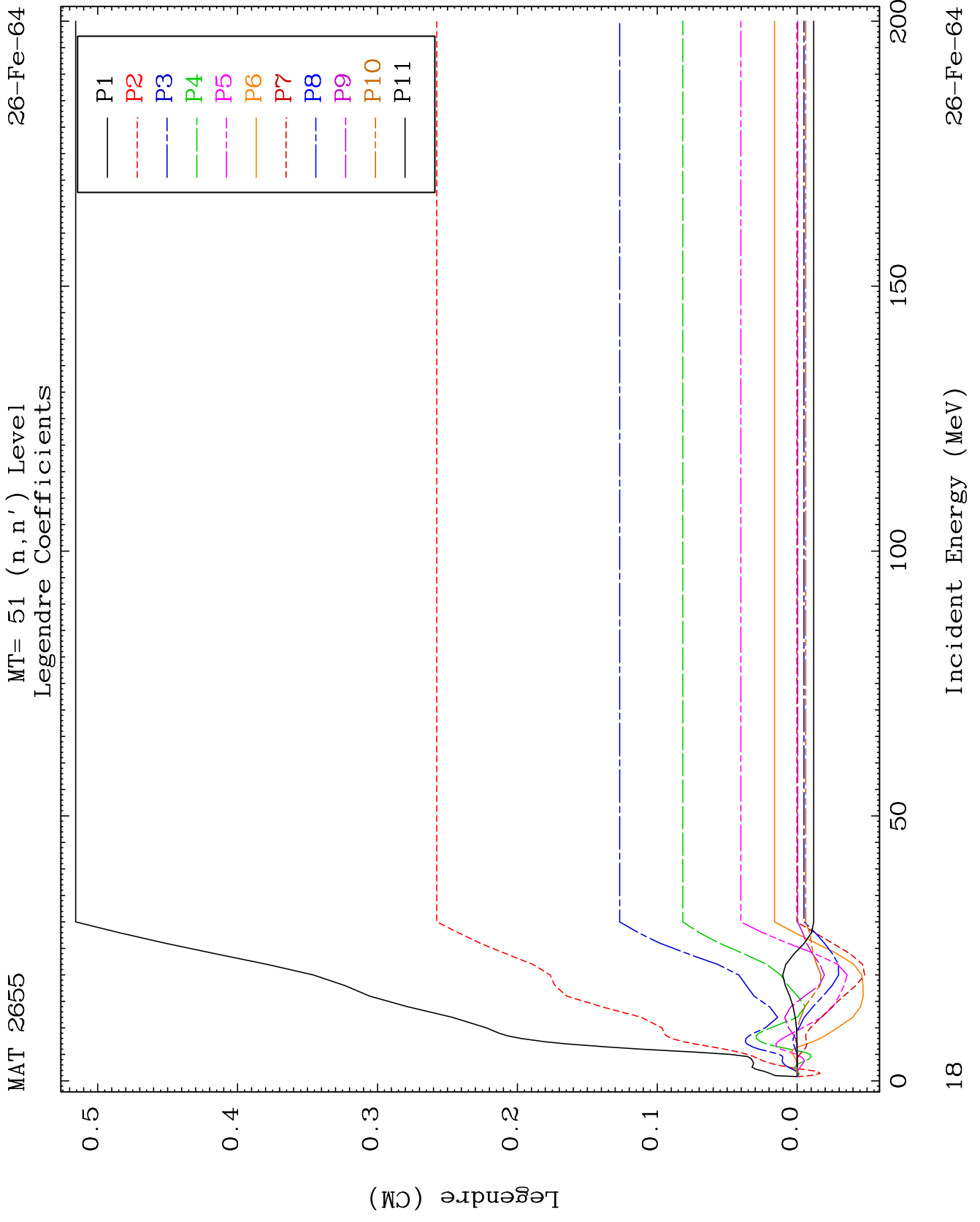
Elastic Legendre Coefficients

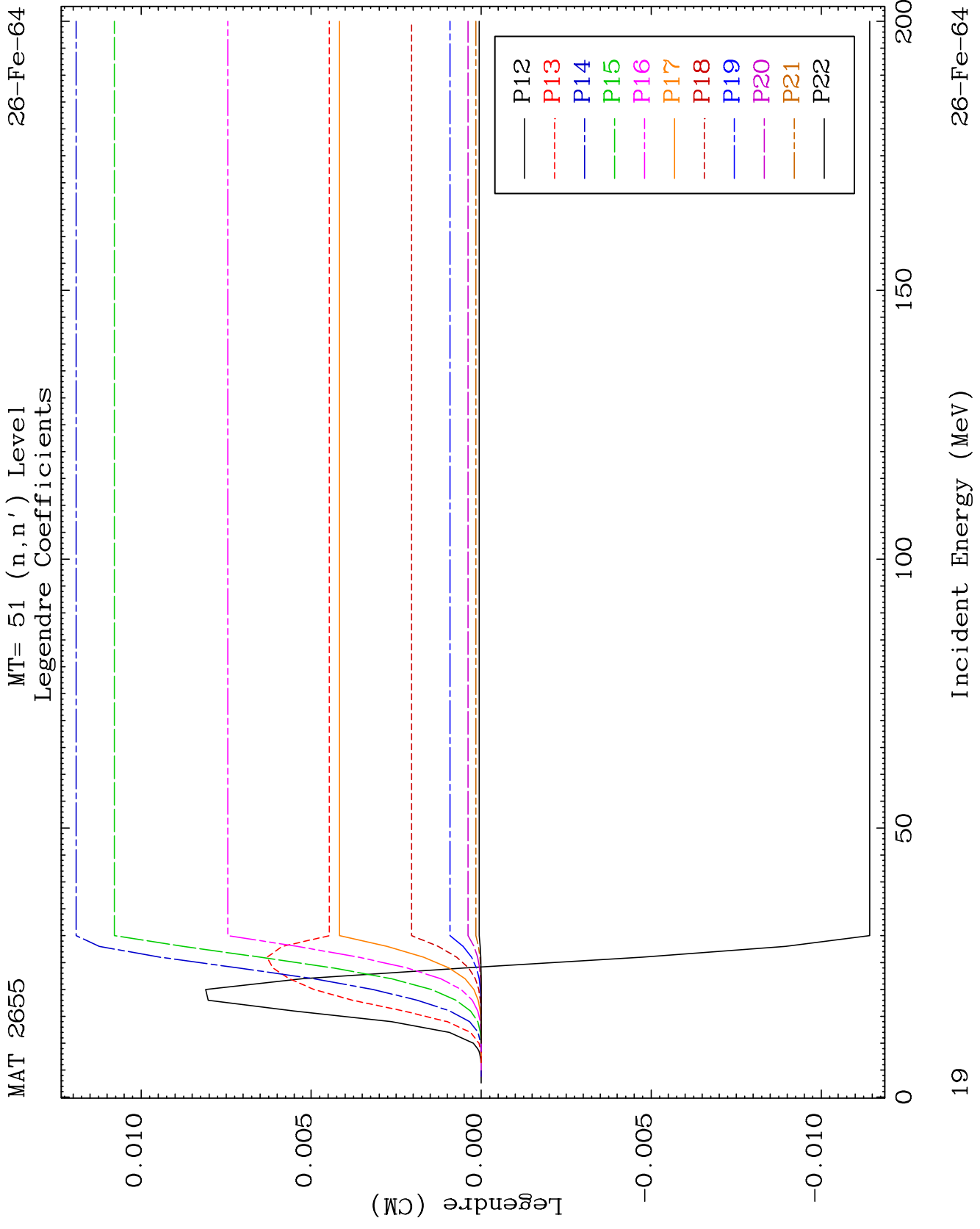
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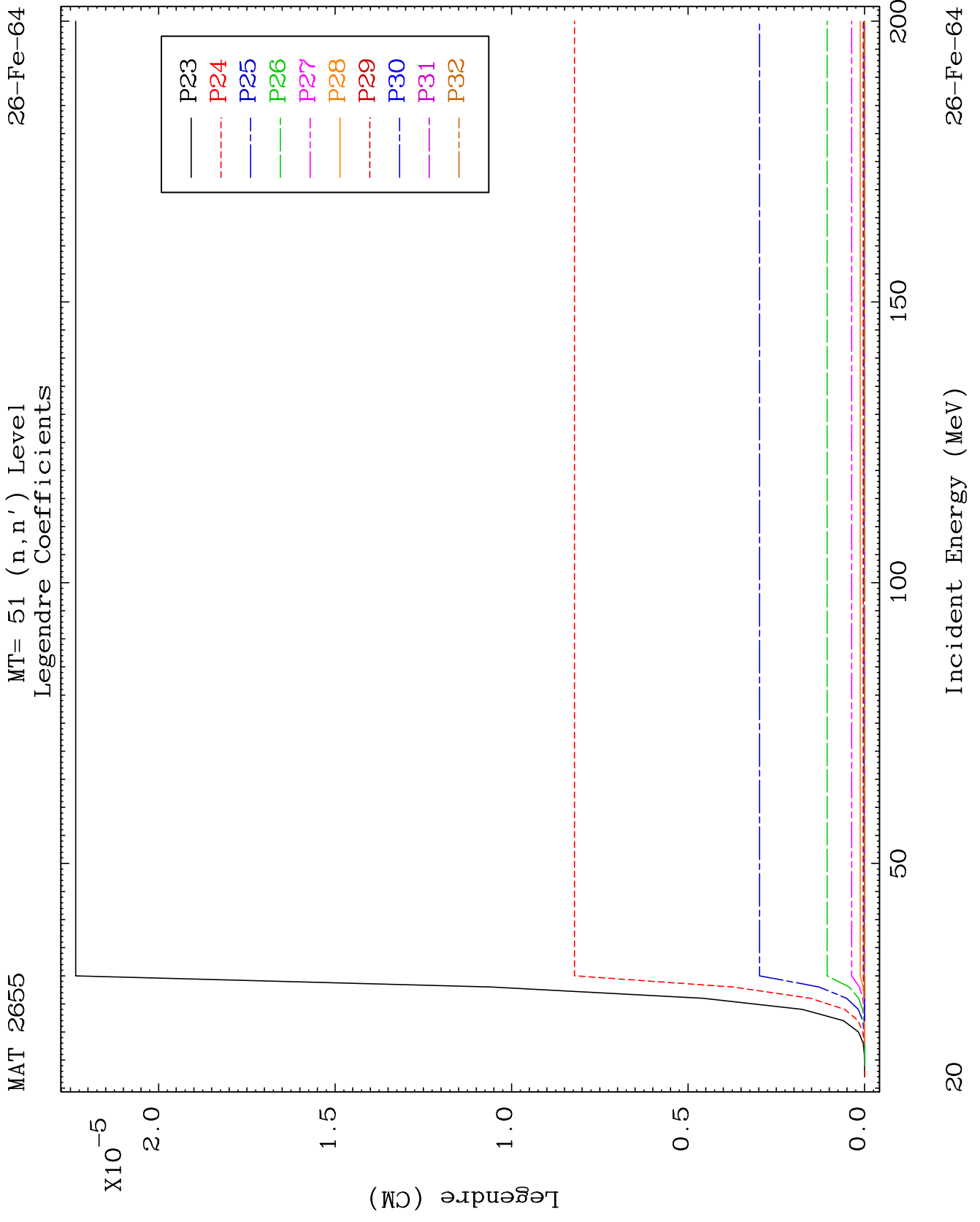
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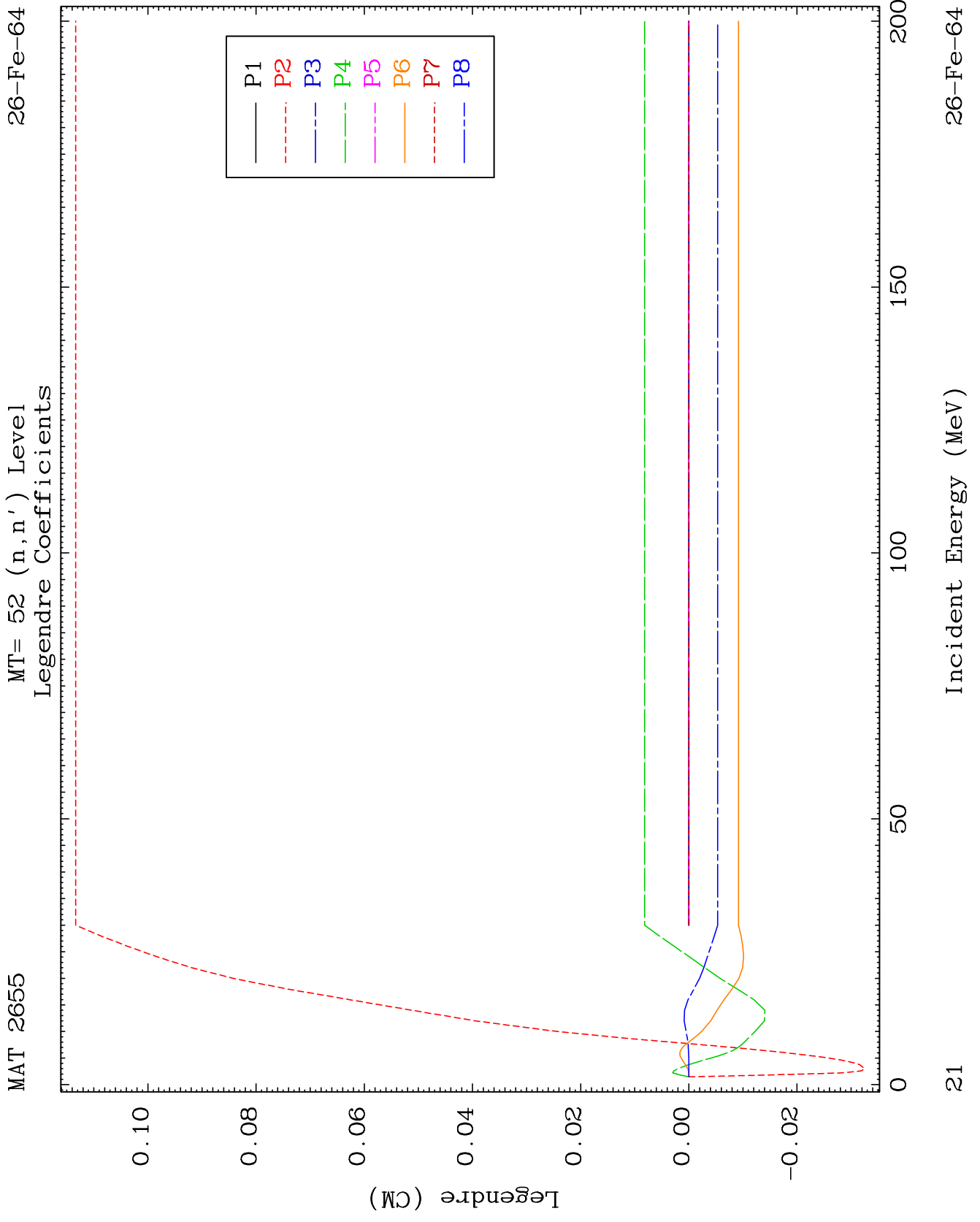
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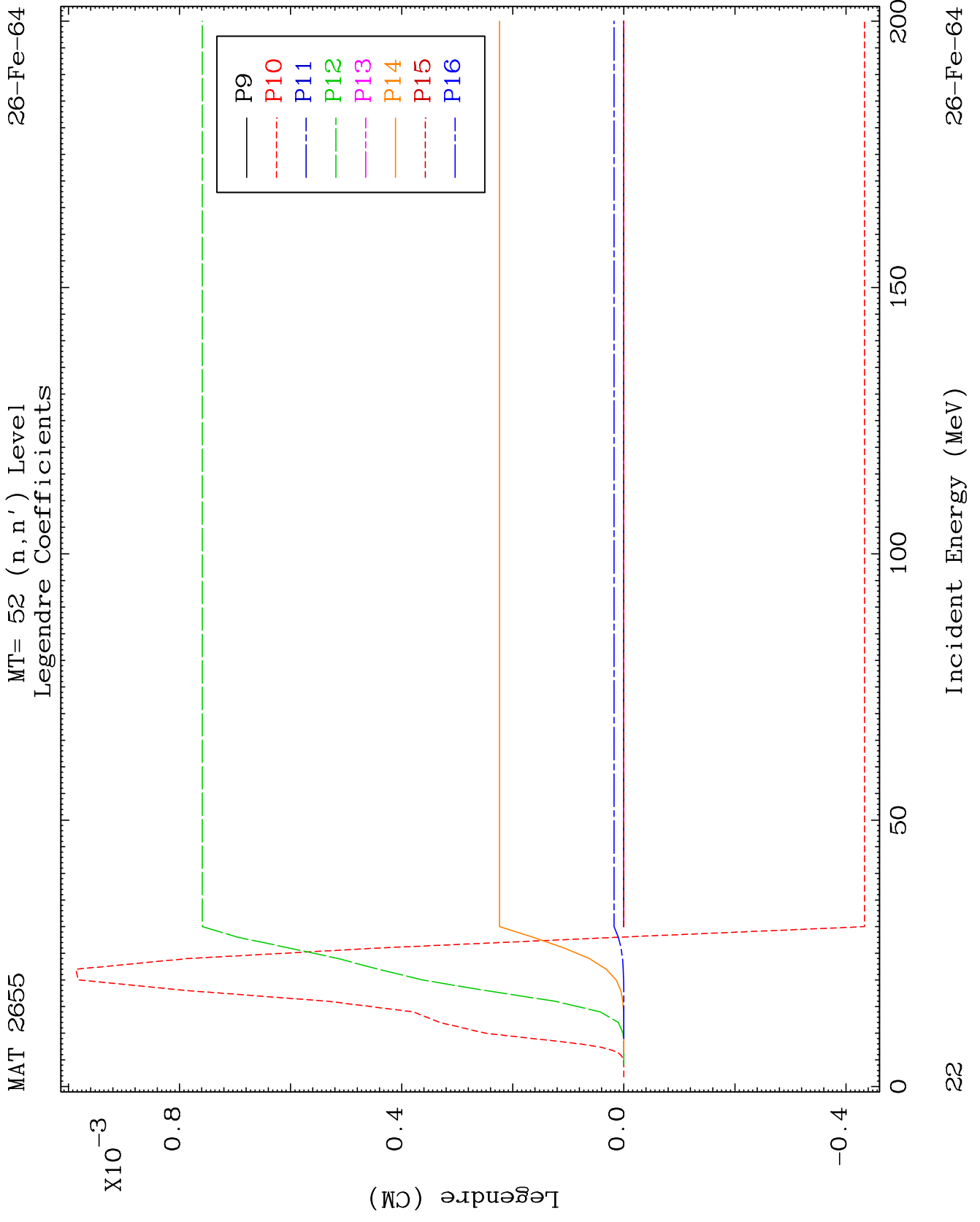
$^{26}\text{Fe-64}$







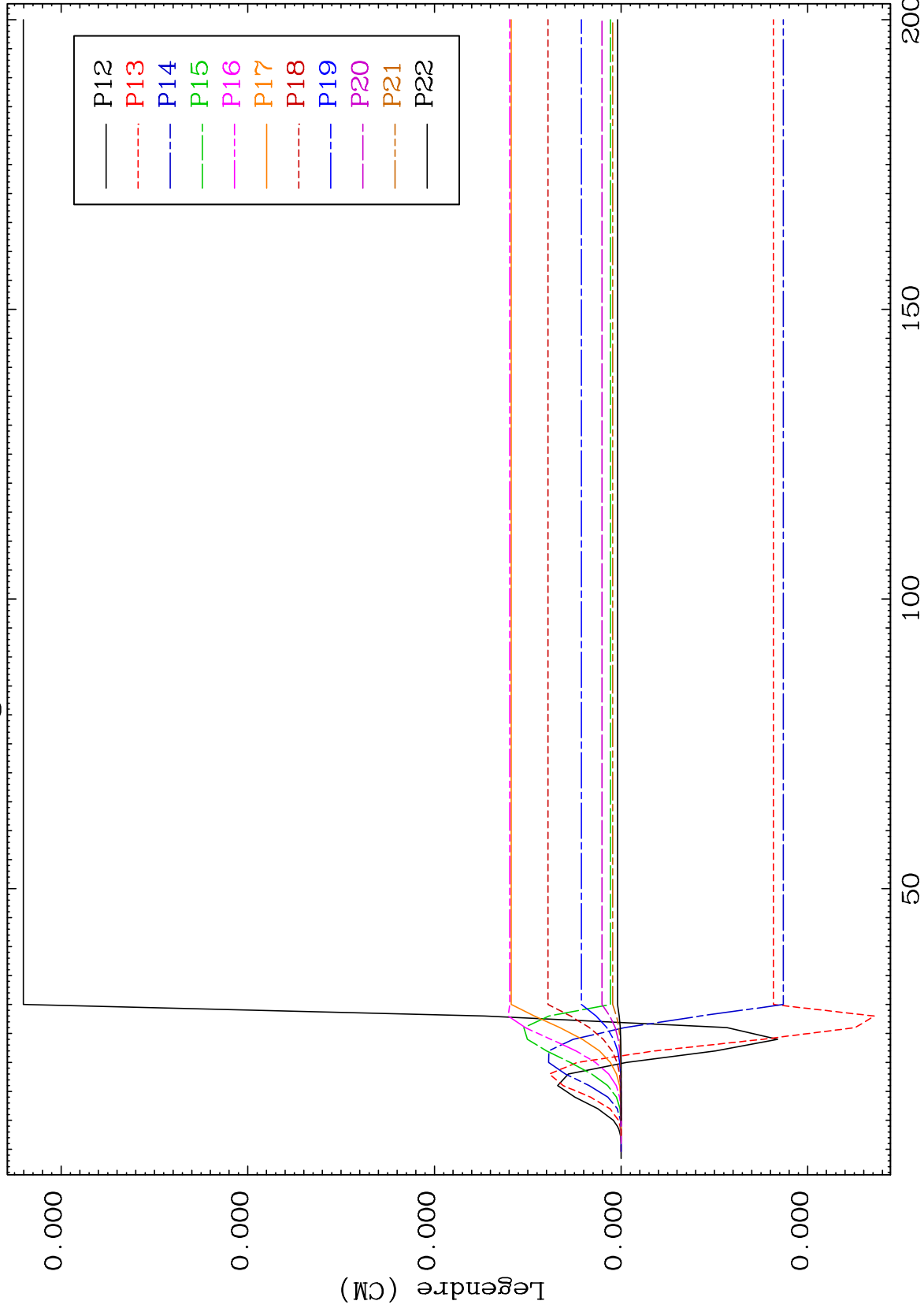




MAT 2655

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

26-Fe-64



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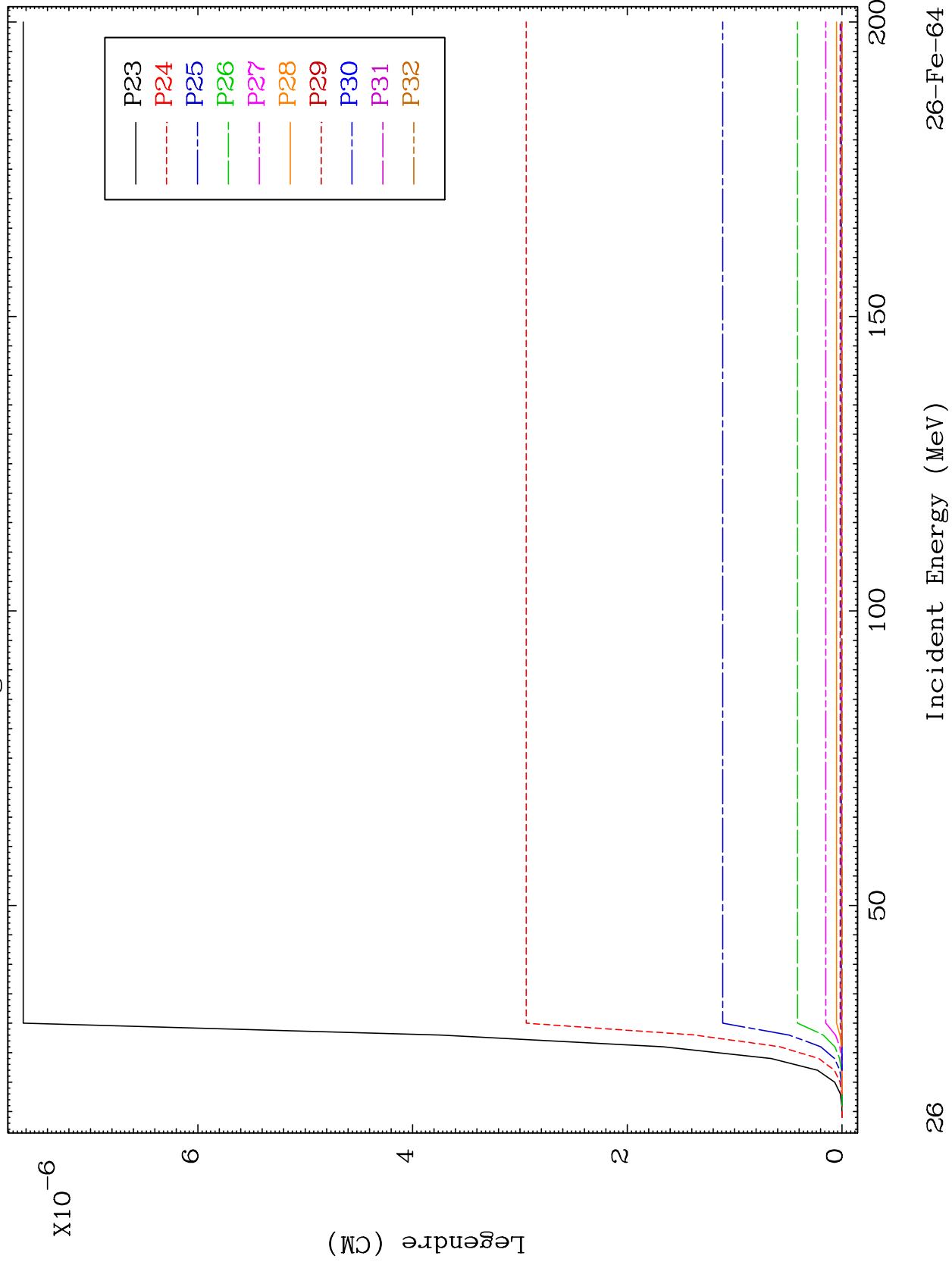
Incident Energy (MeV)

26-Fe-64

MAT 2655

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

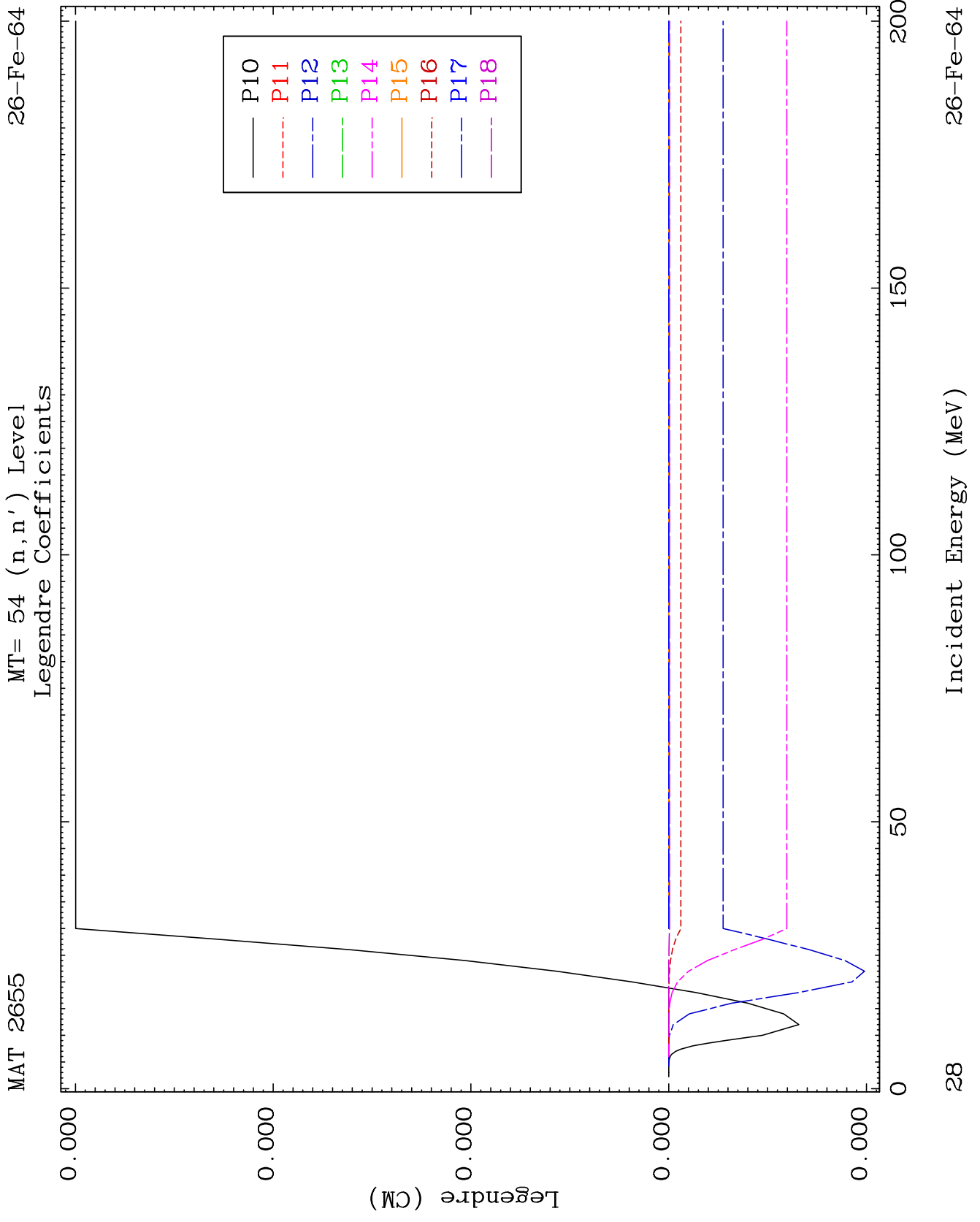
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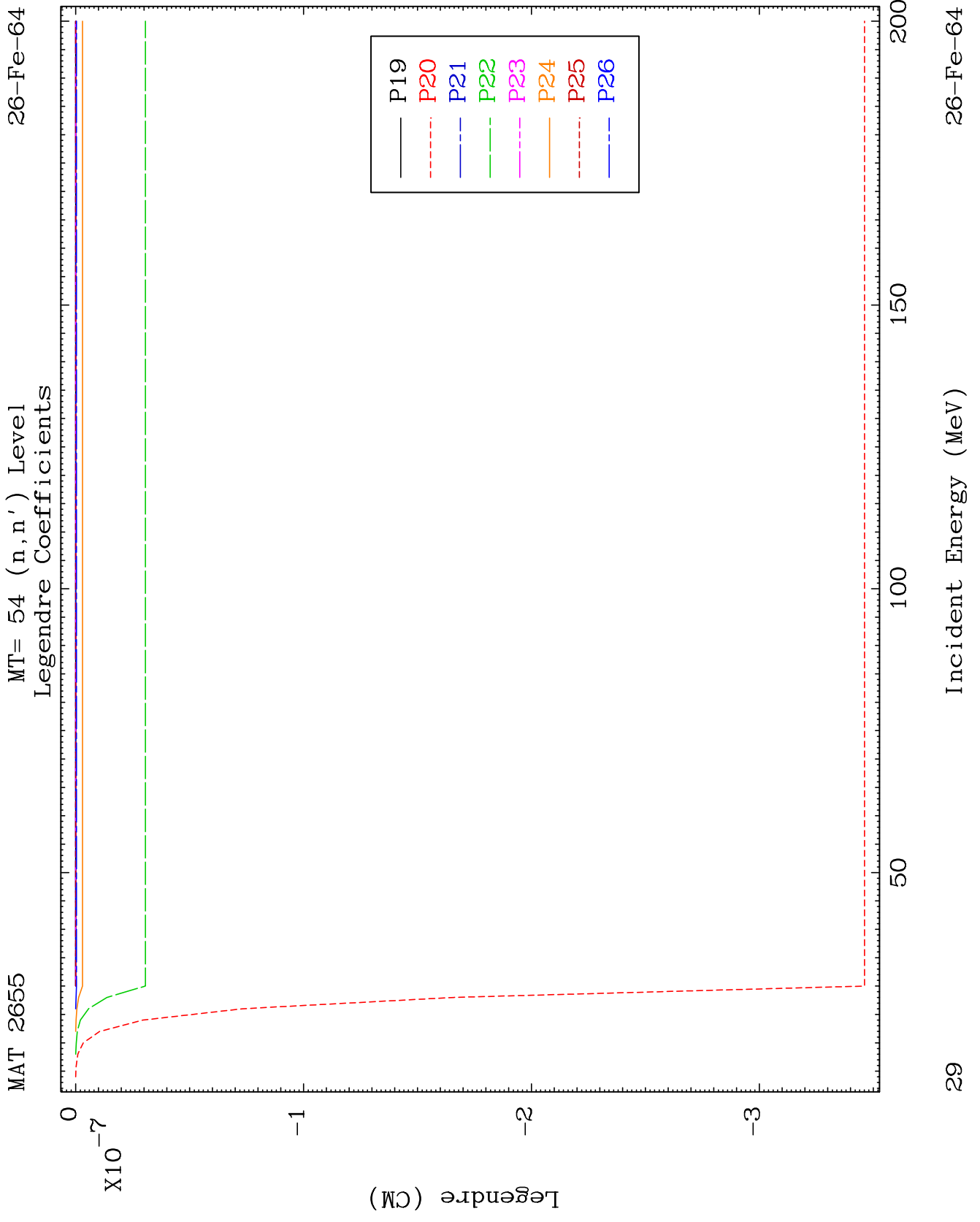


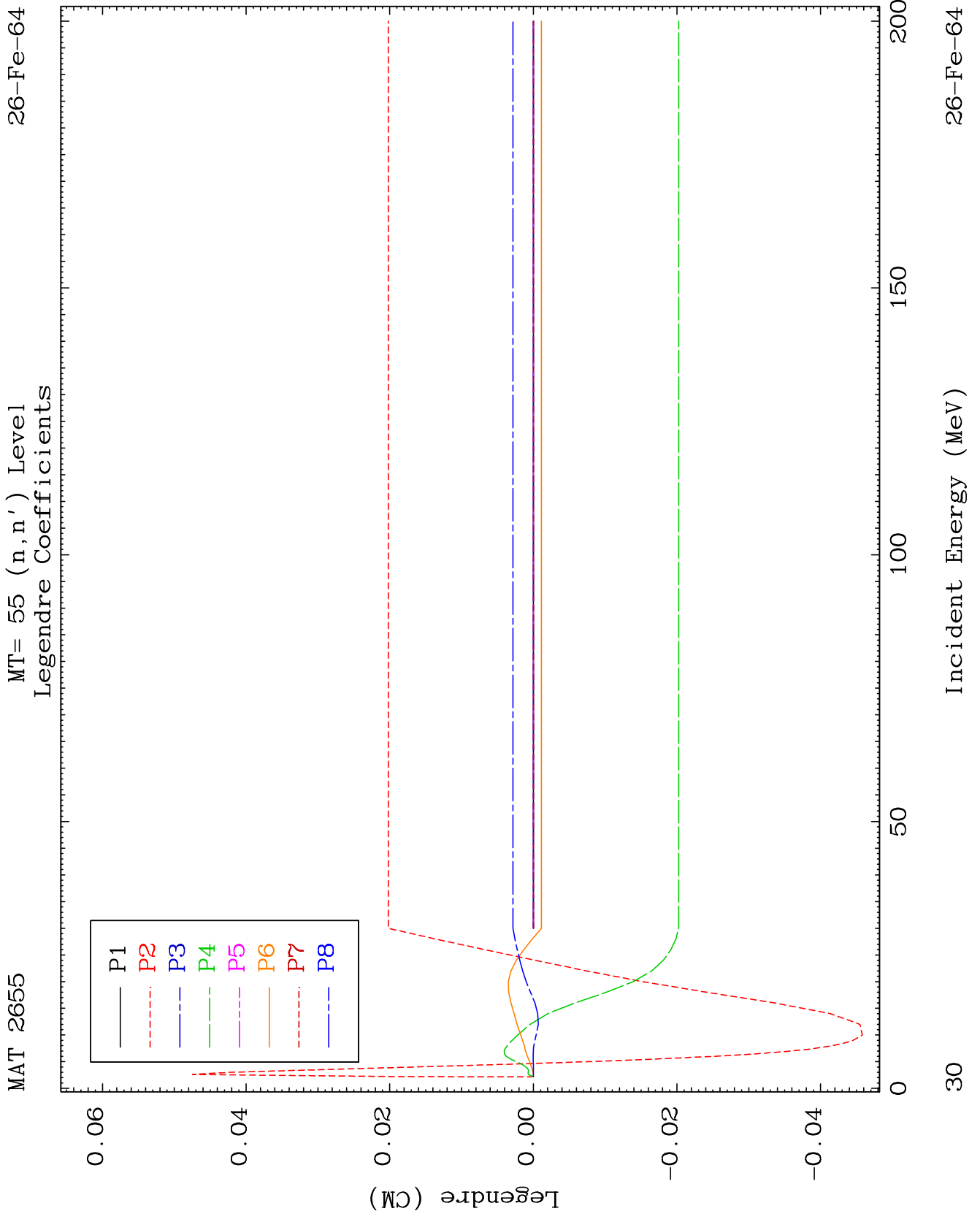
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Incident Energy (MeV)

26-Fe-64



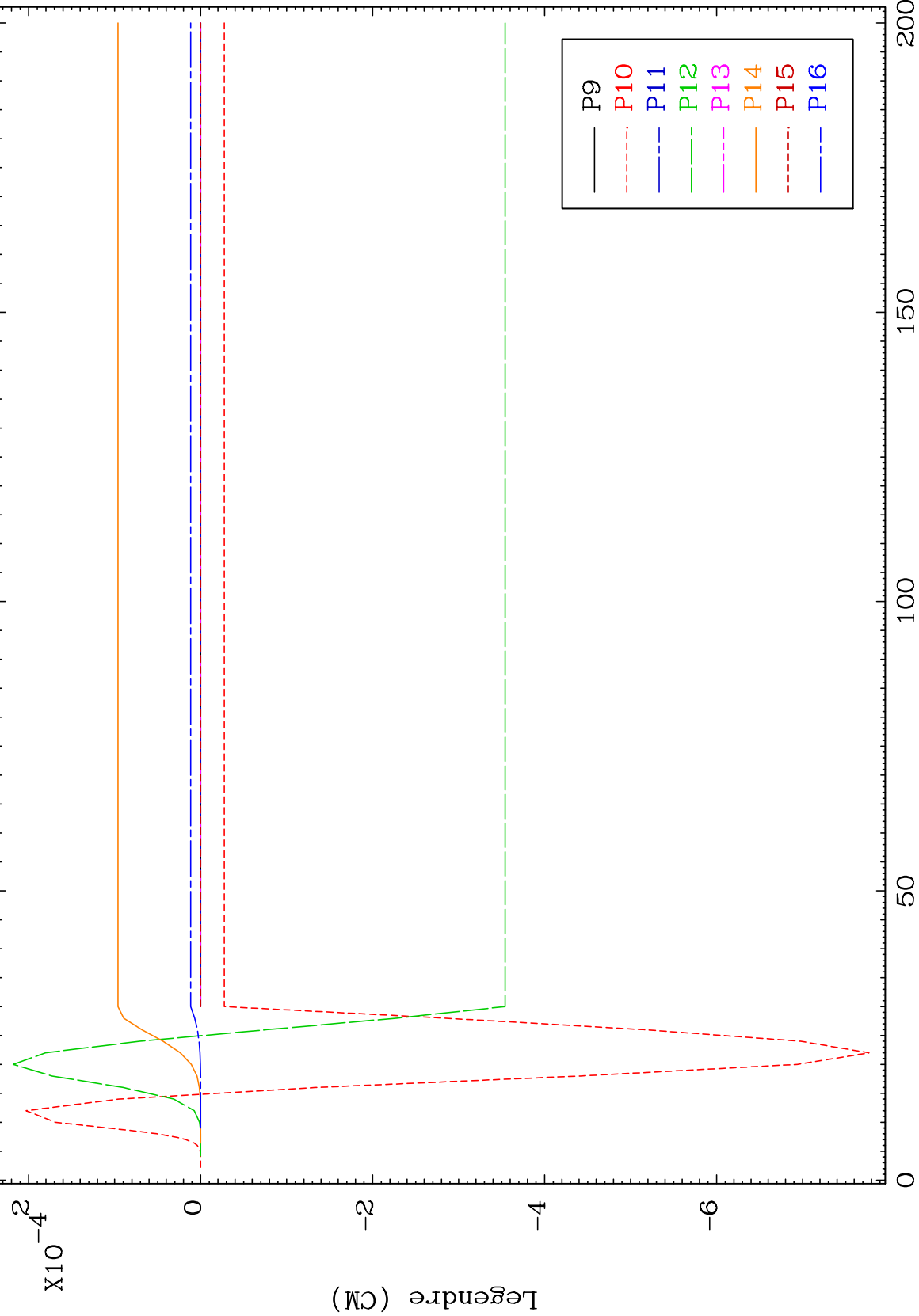




MAT 2655

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

26-Fe-64



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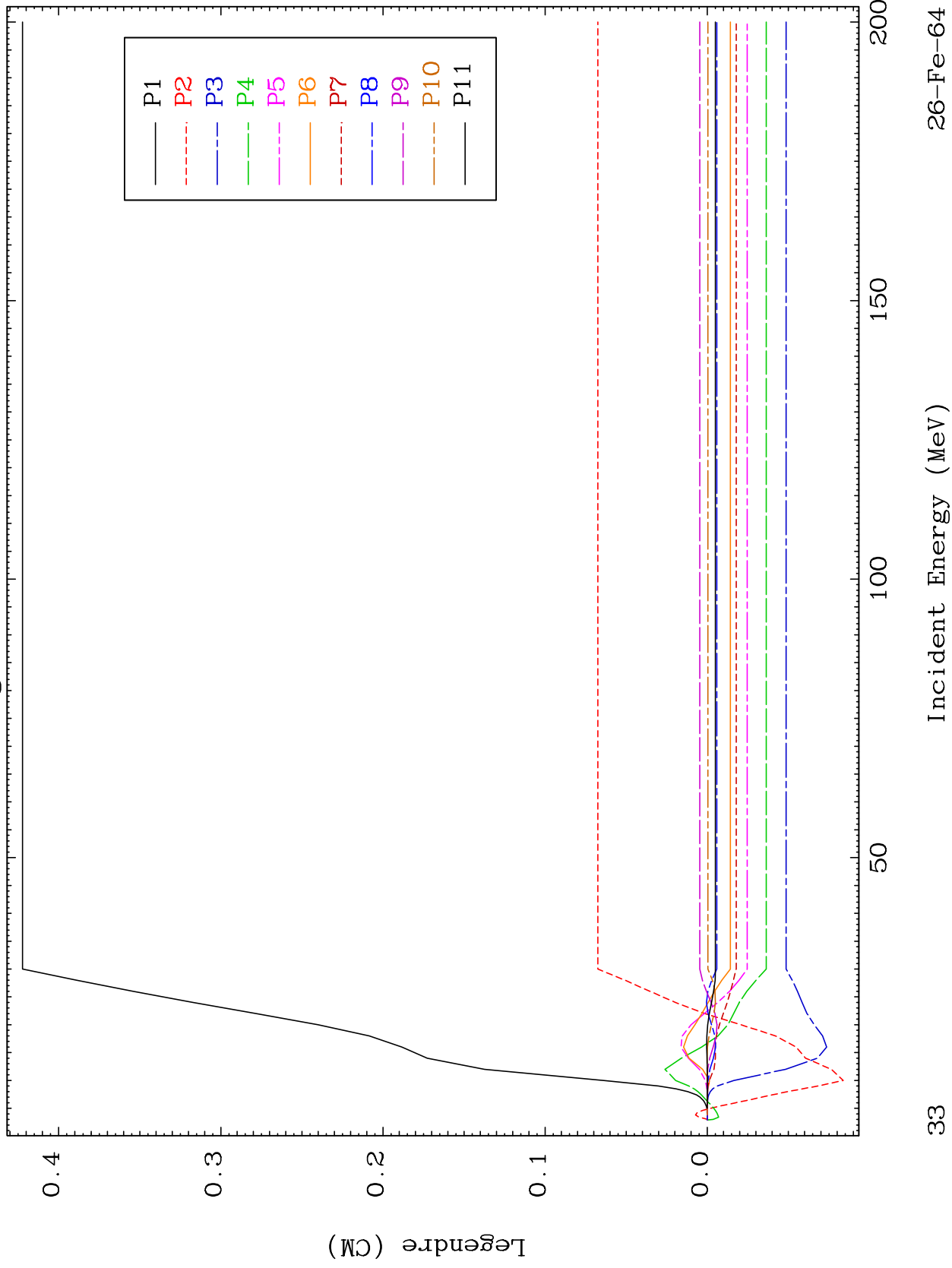
Incident Energy (MeV)

26-Fe-64

MAT 2655

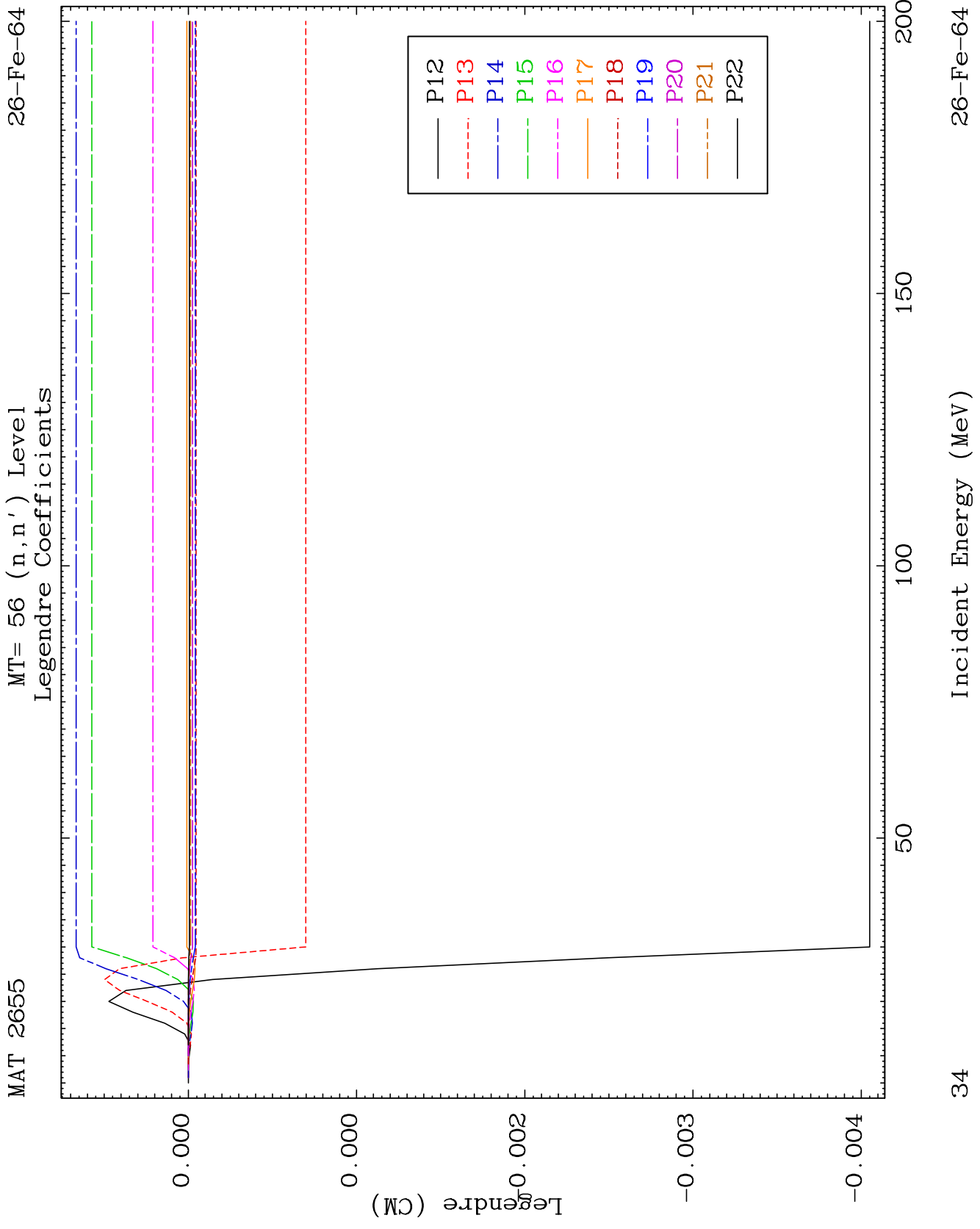
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Legendre Coefficients

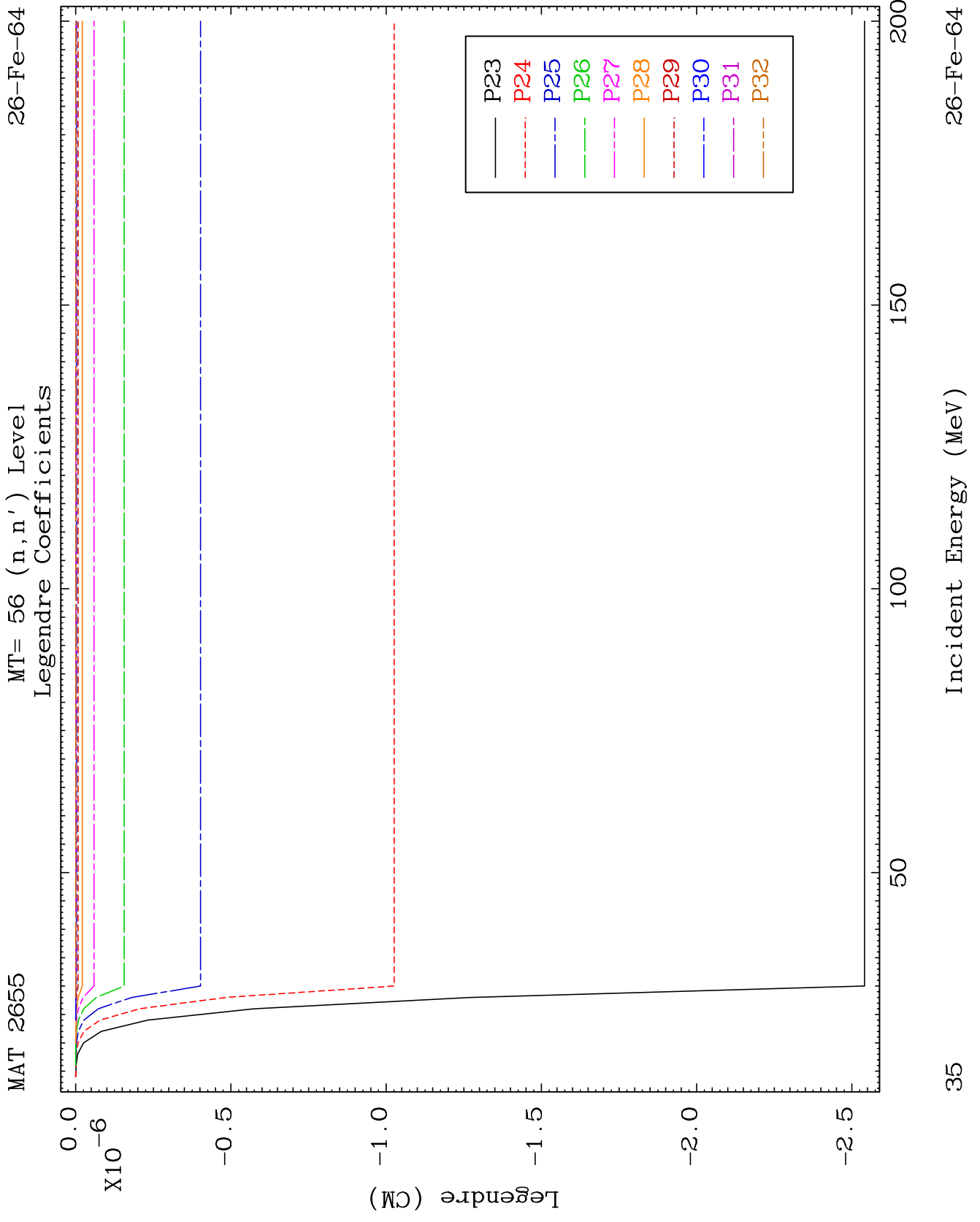
26-Fe-64



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26-Fe-64

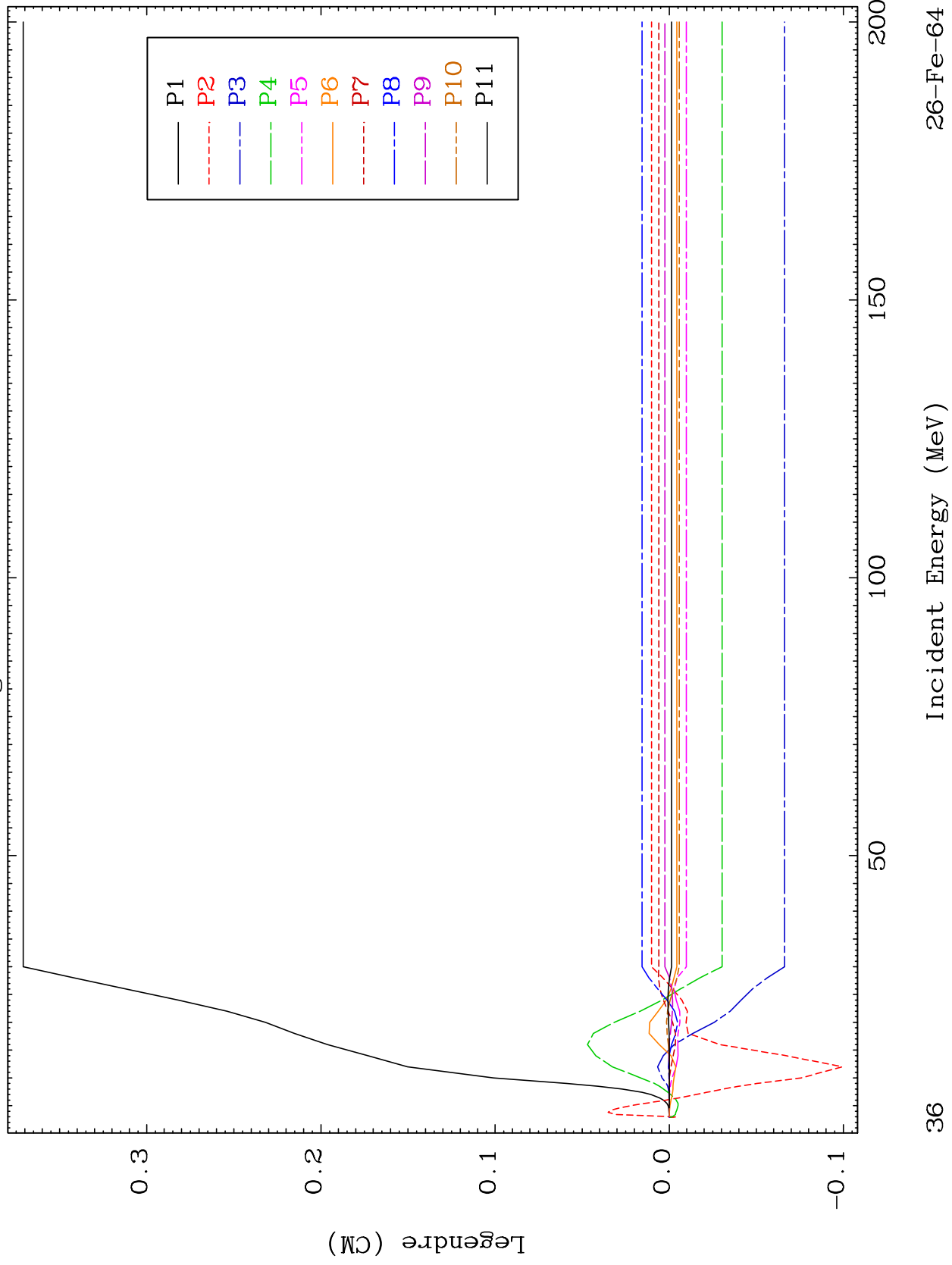




MAT 2655

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

26-Fe-64

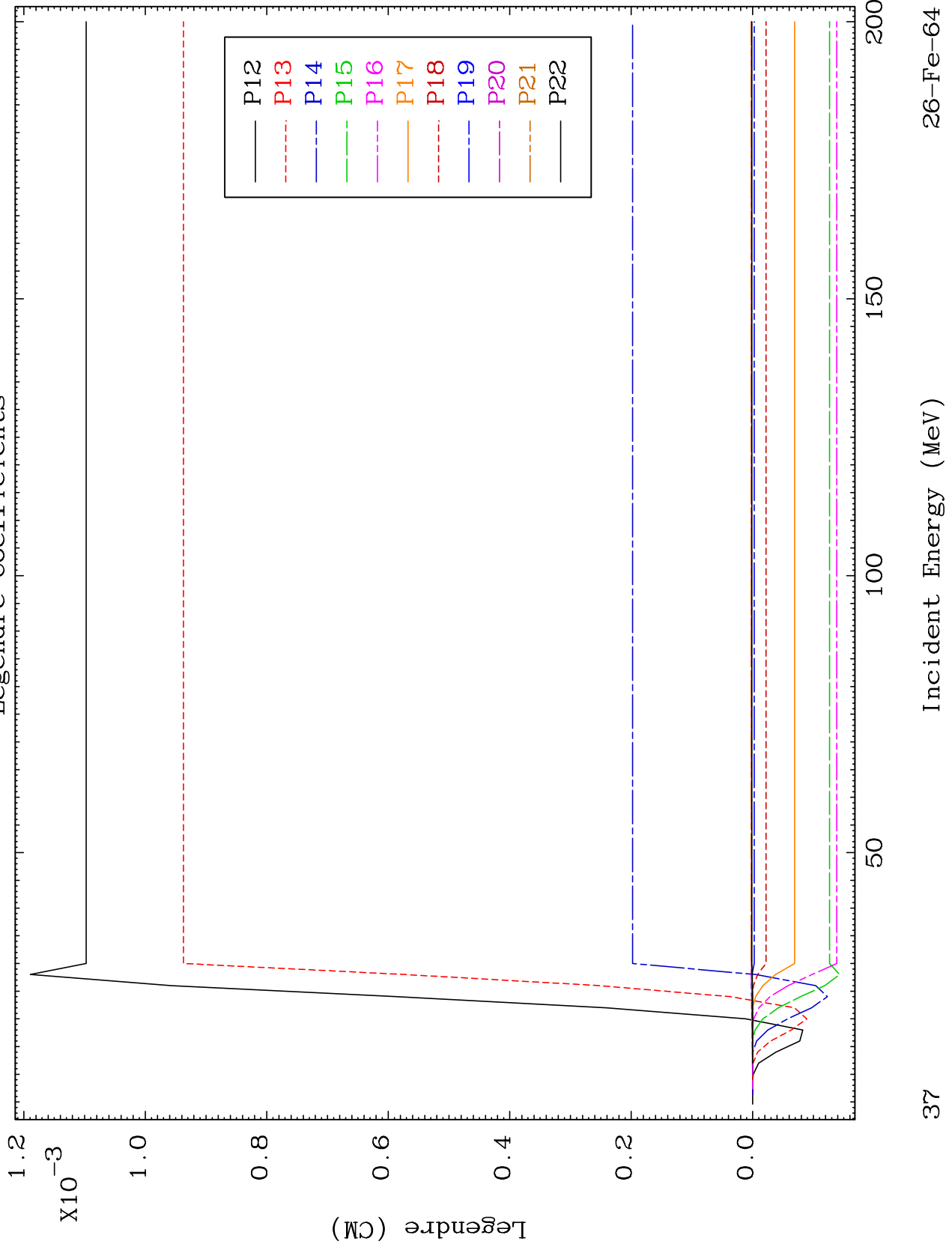


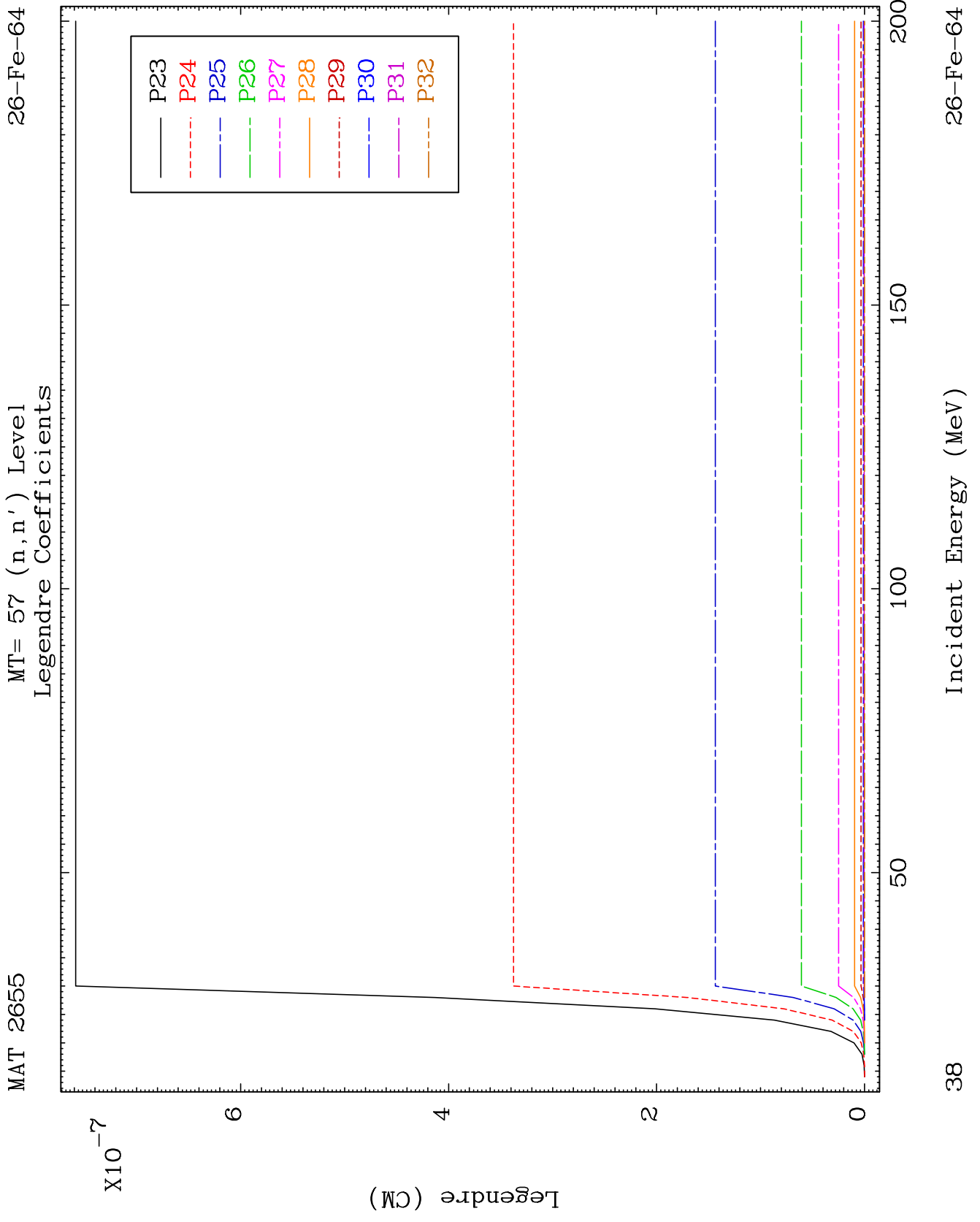
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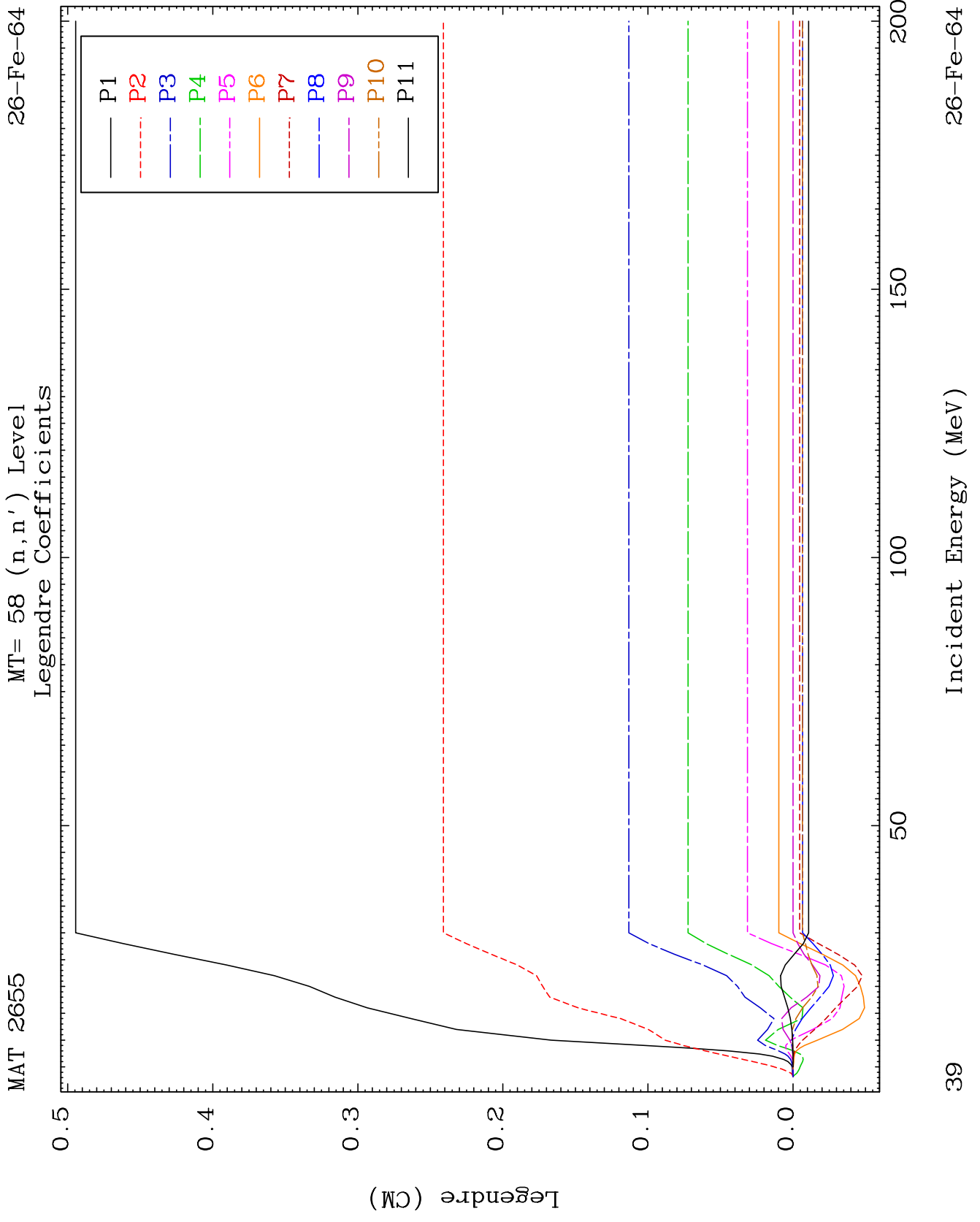
Incident Energy (MeV)

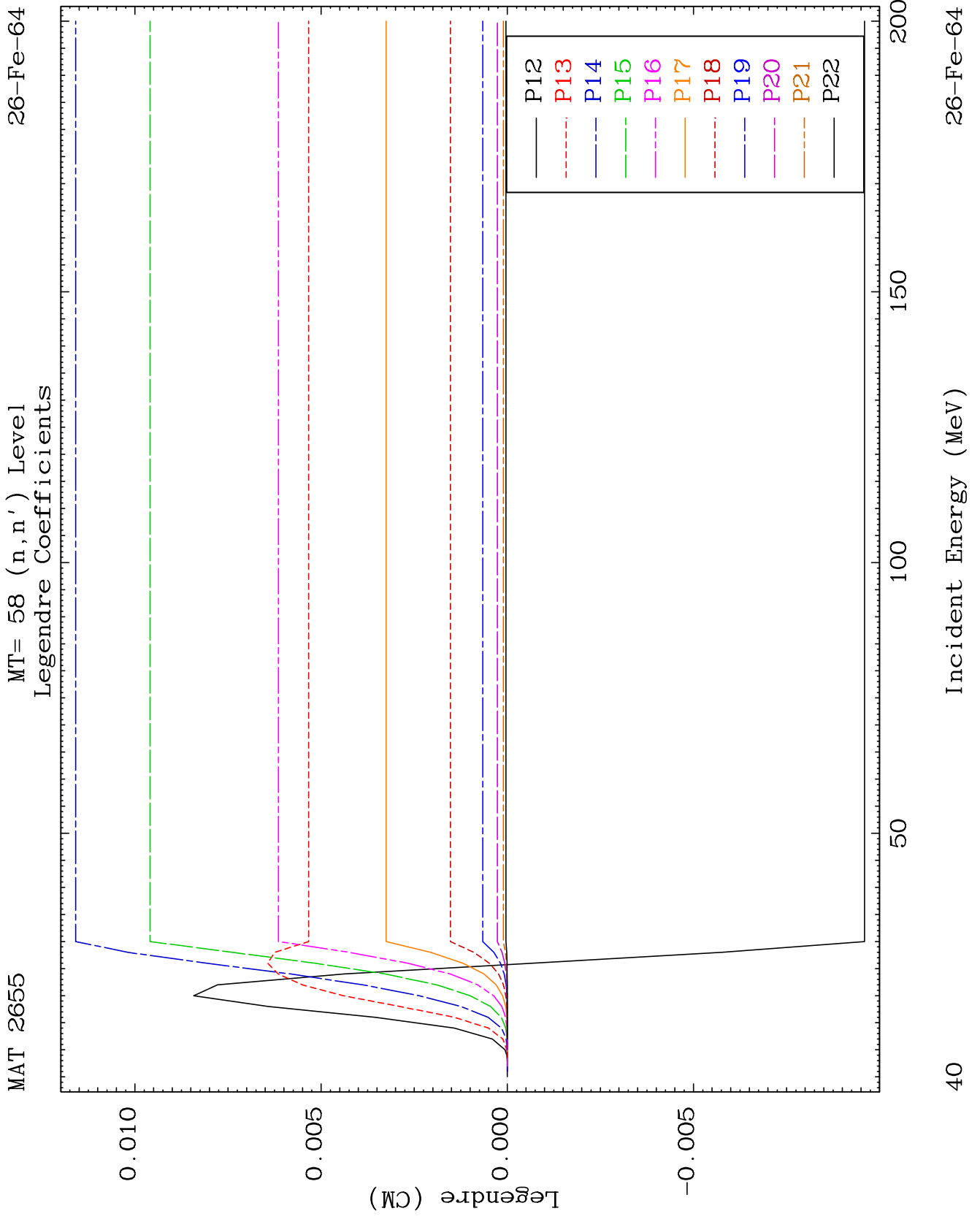
26-Fe-64

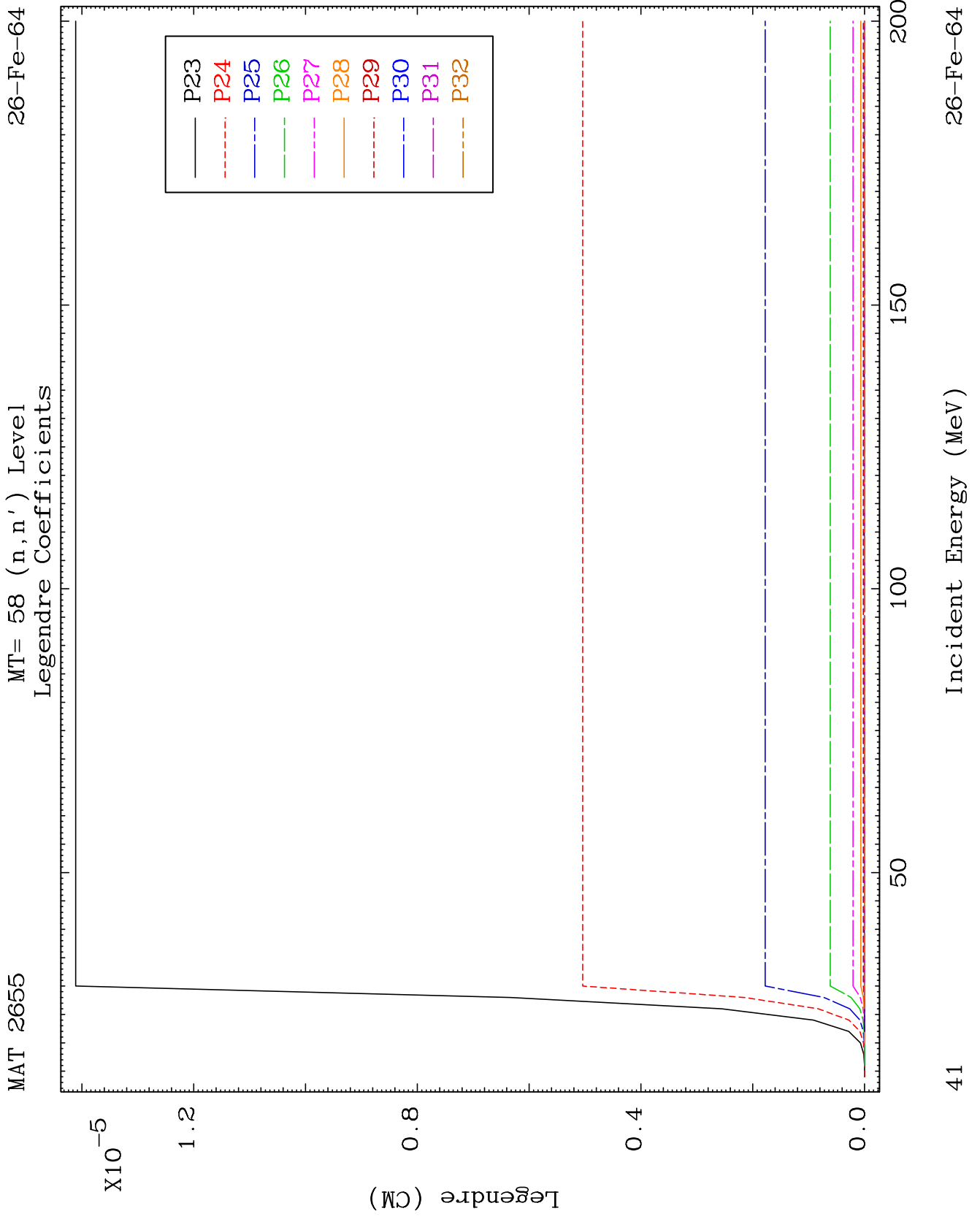
MAT 2655 MT= 57 (n,n') Level Legendre Coefficients 26-Fe-64







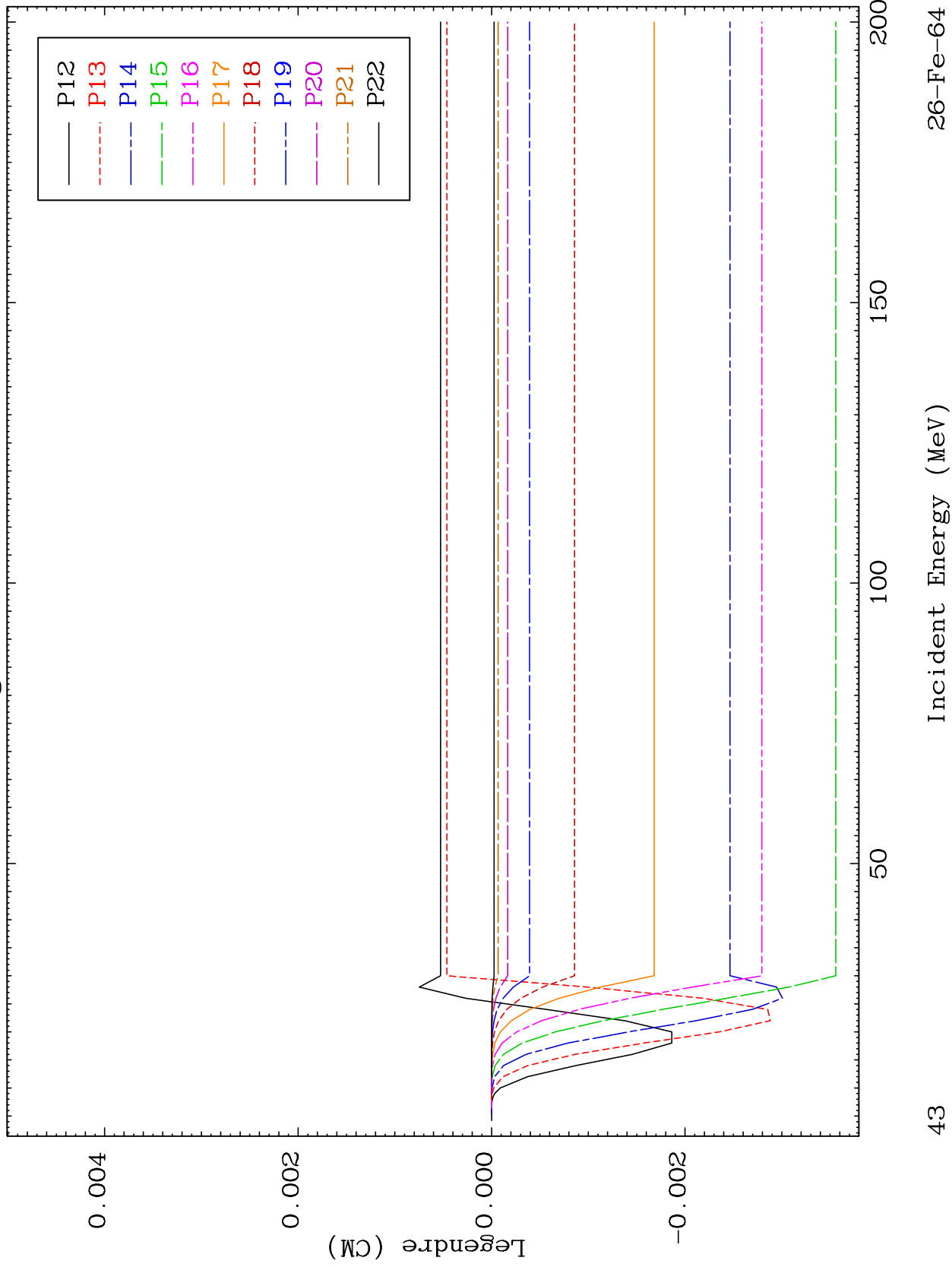




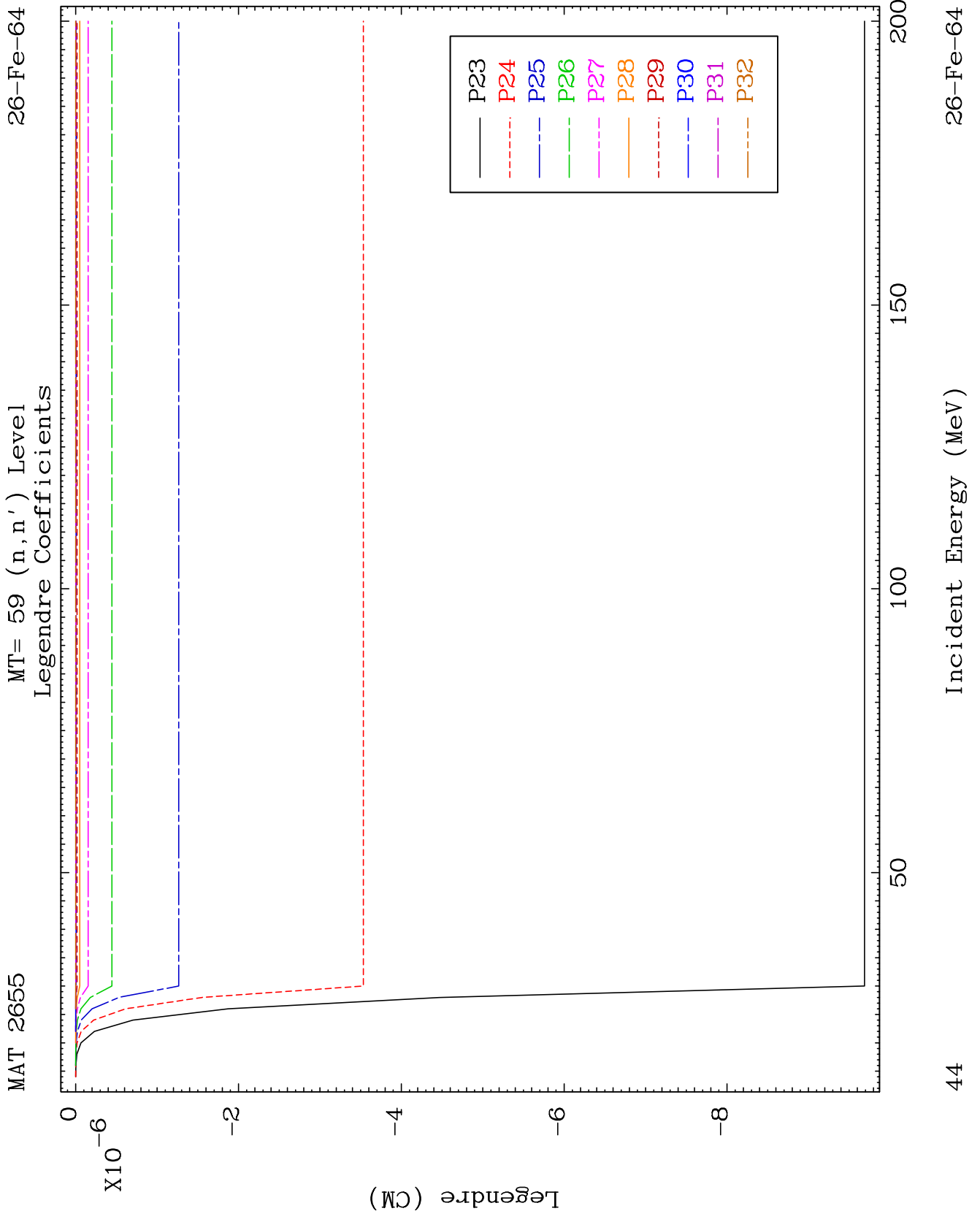
MAT 2655

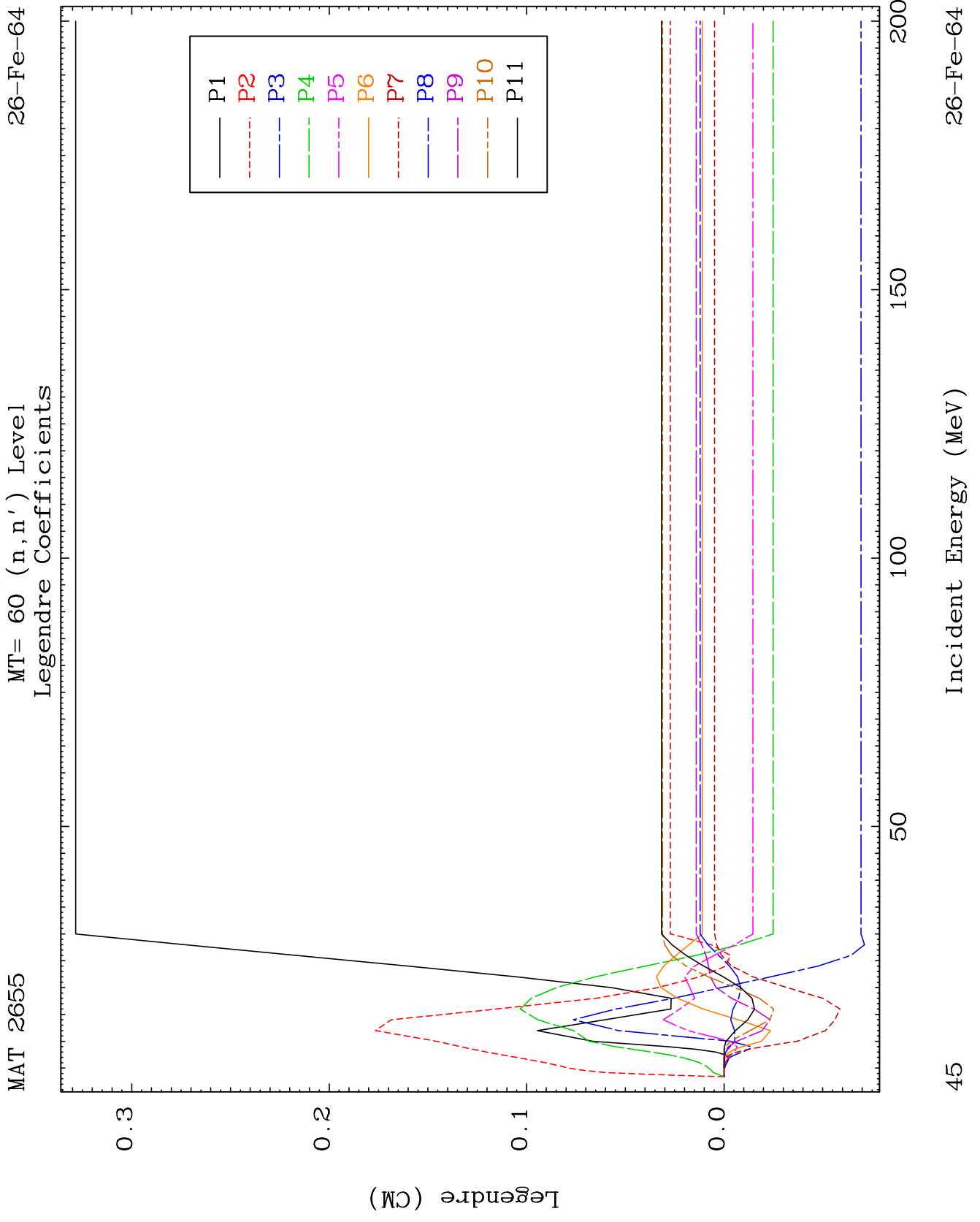
MT= 59 (n,n') Level
Legendre Coefficients

26-Fe-64



43

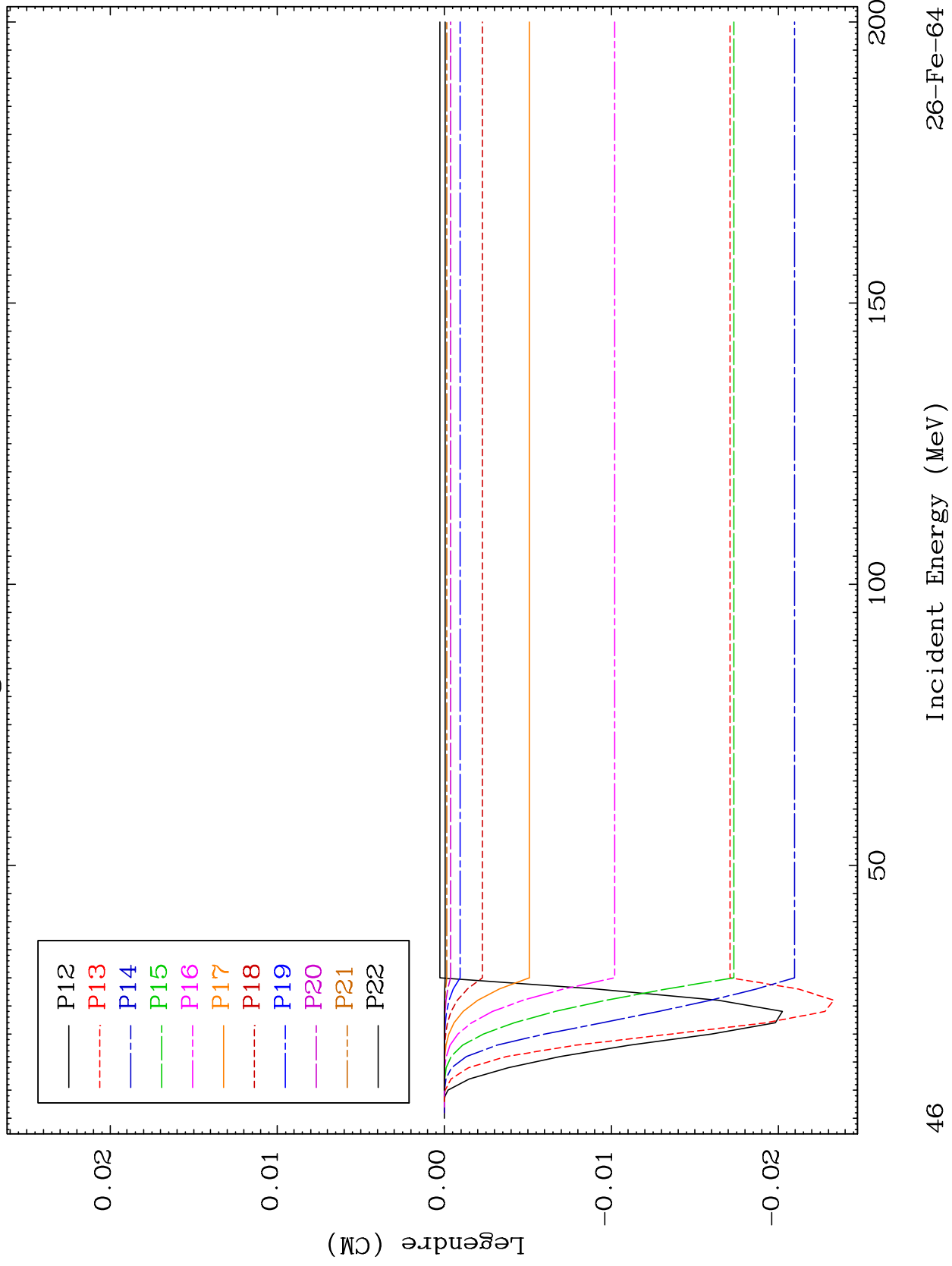




MAT 2655

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

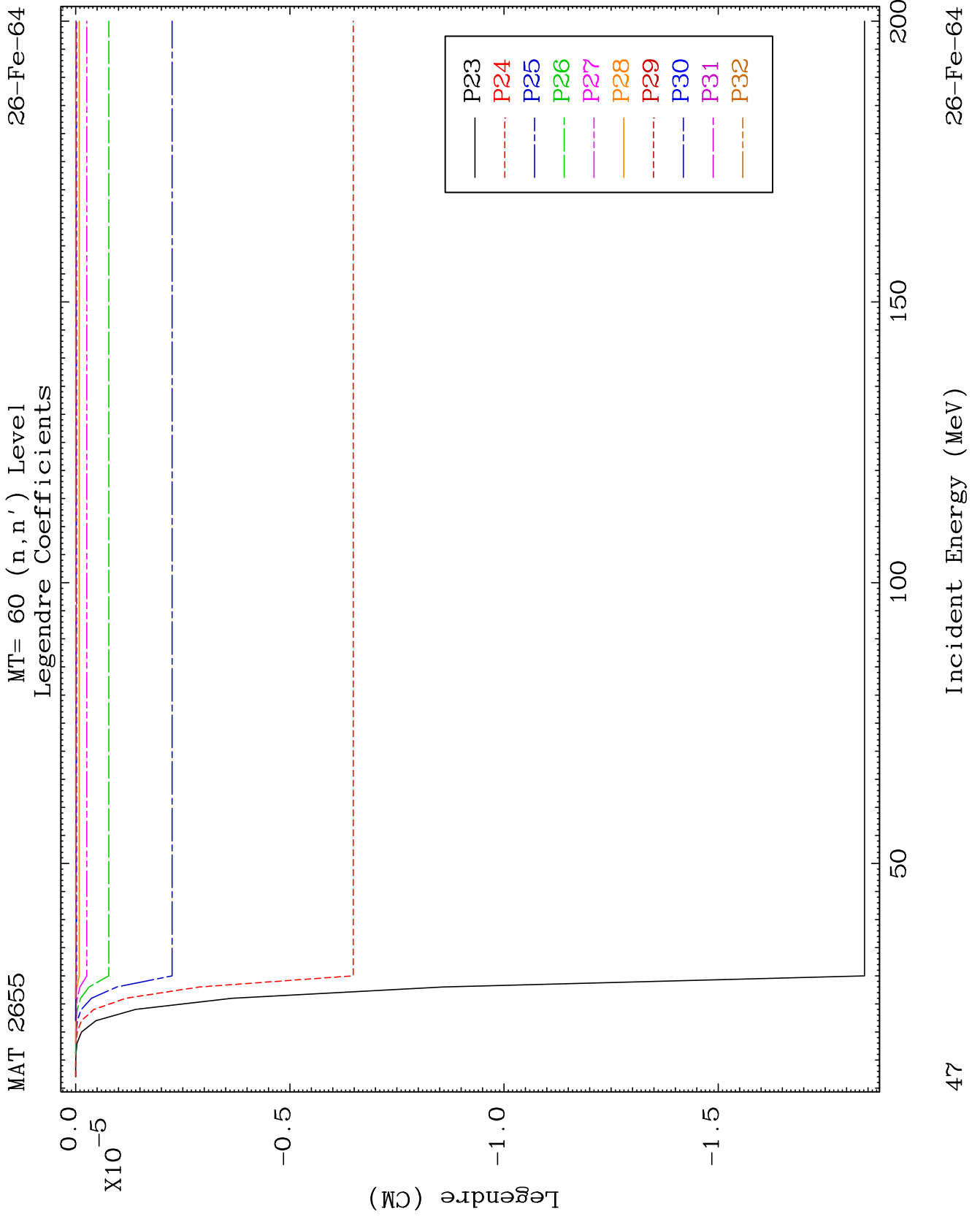
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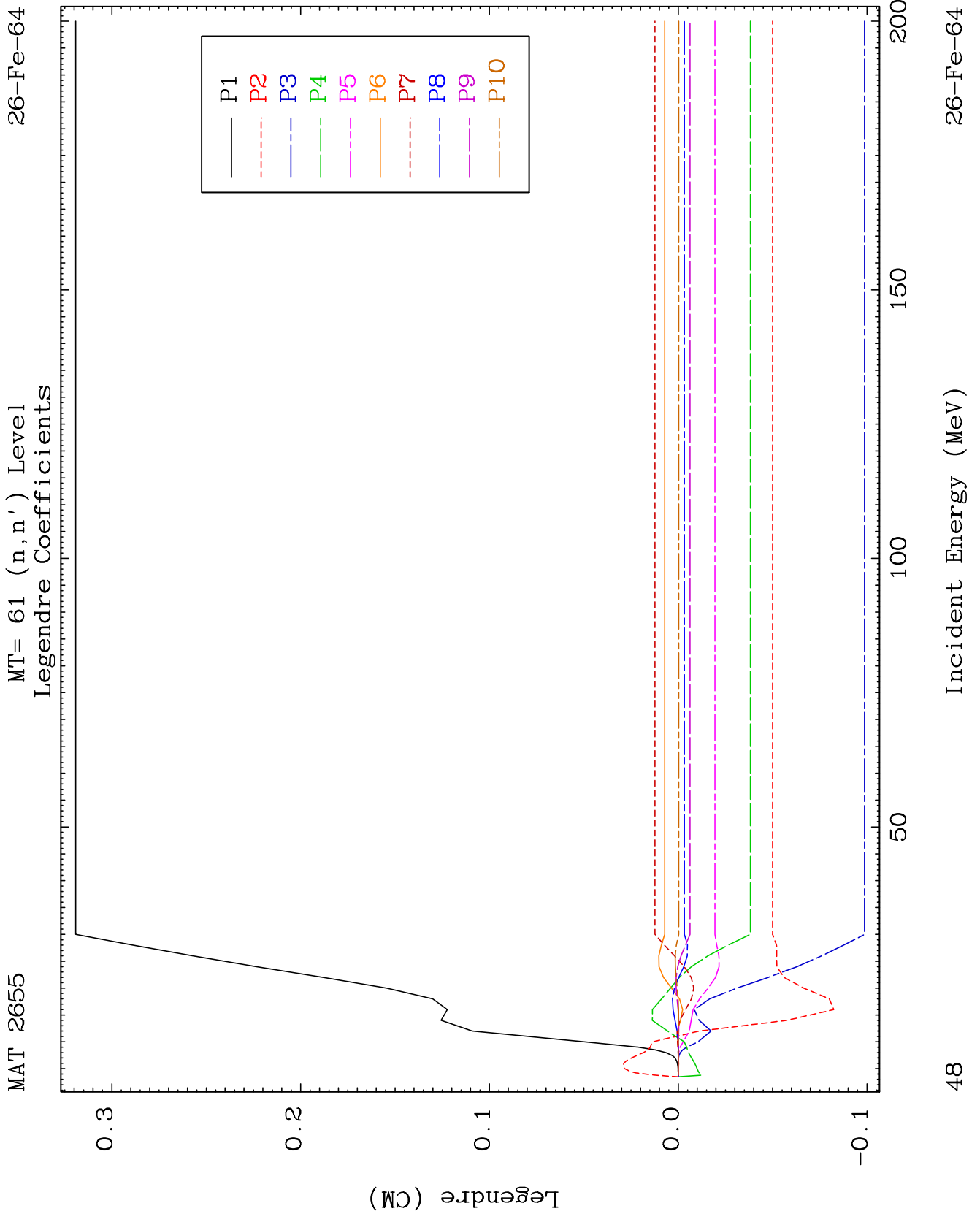


46

Incident Energy (MeV)

26-Fe-64

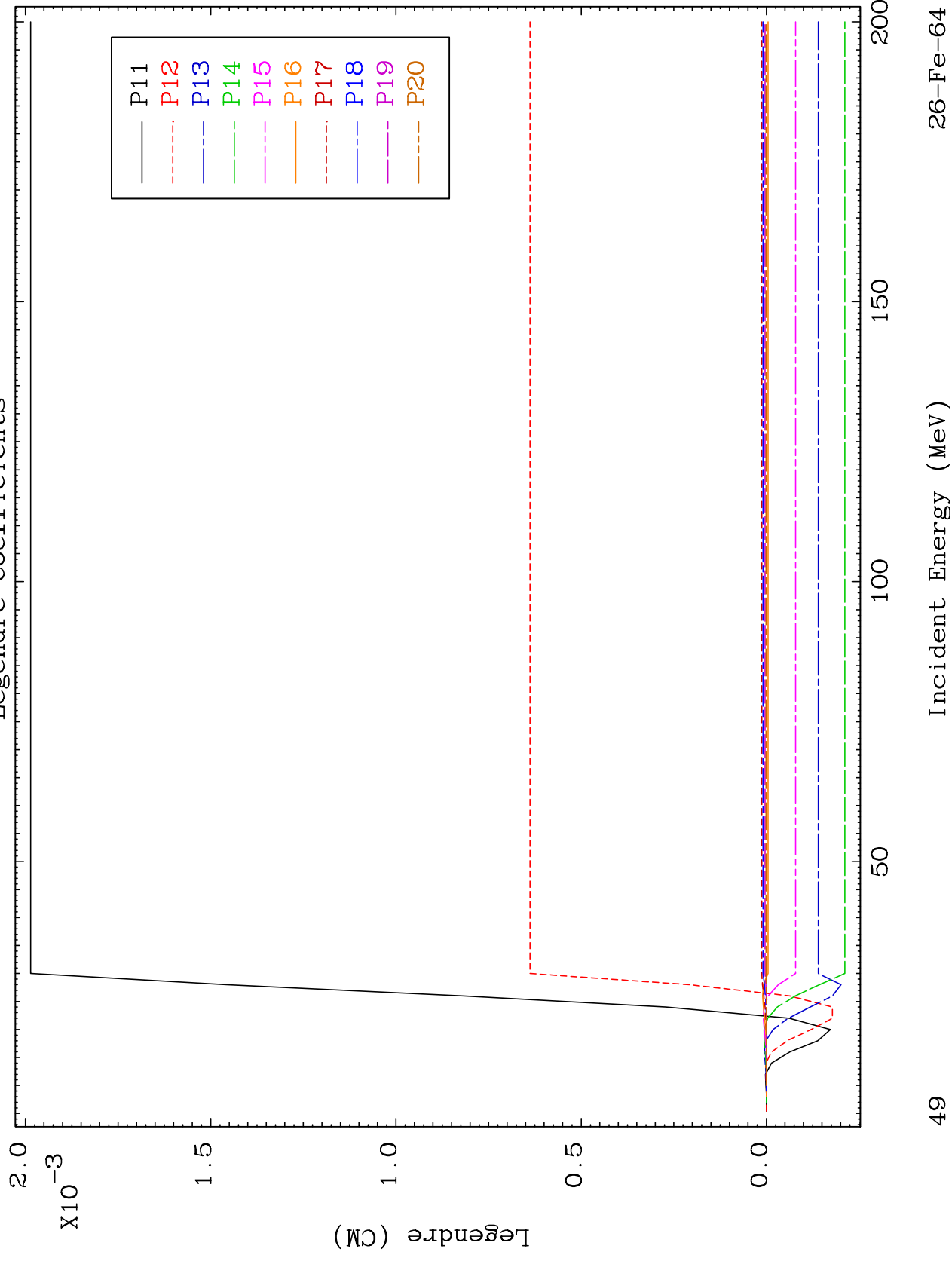




MAT 2655

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

26-Fe-64



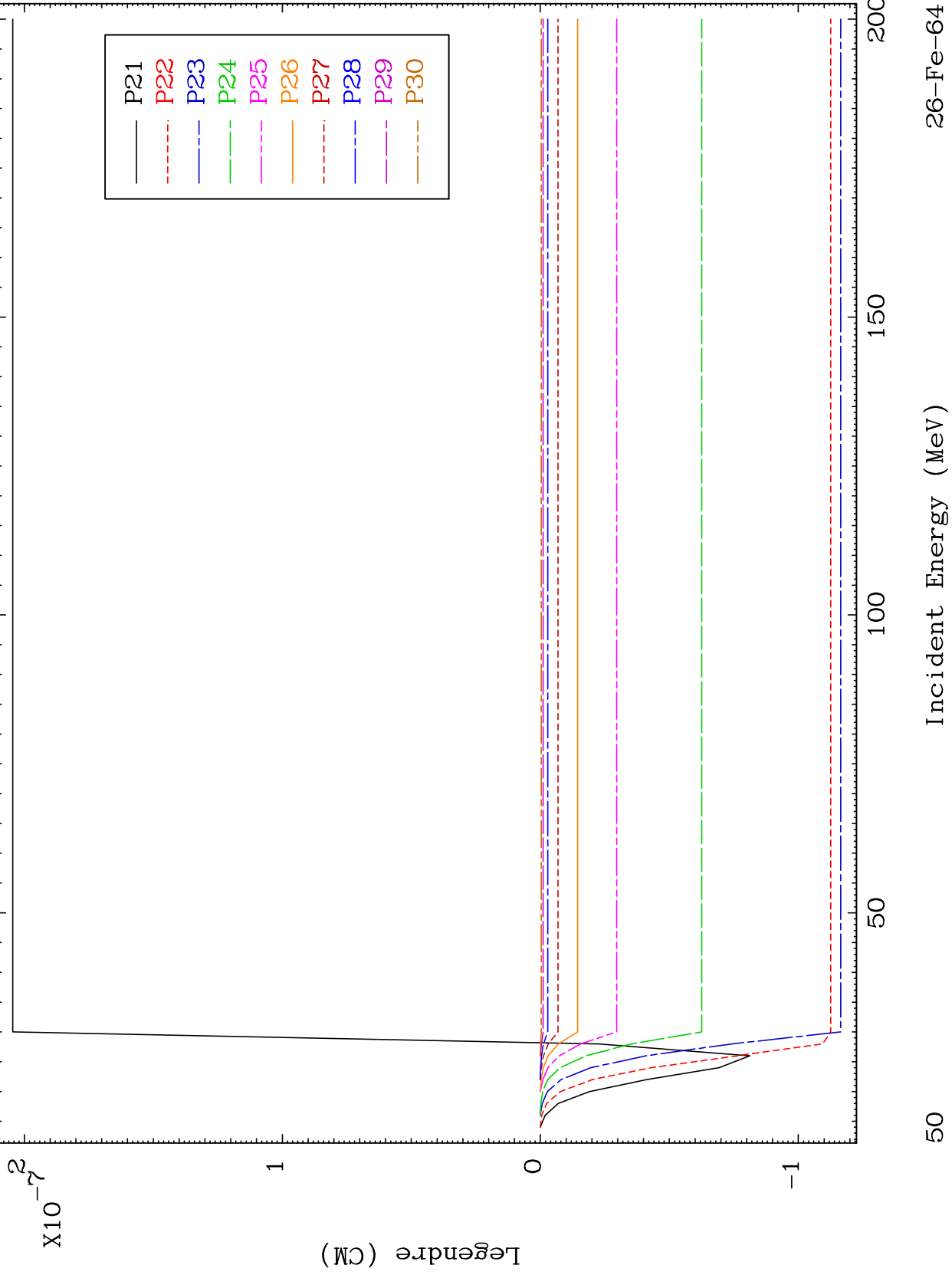
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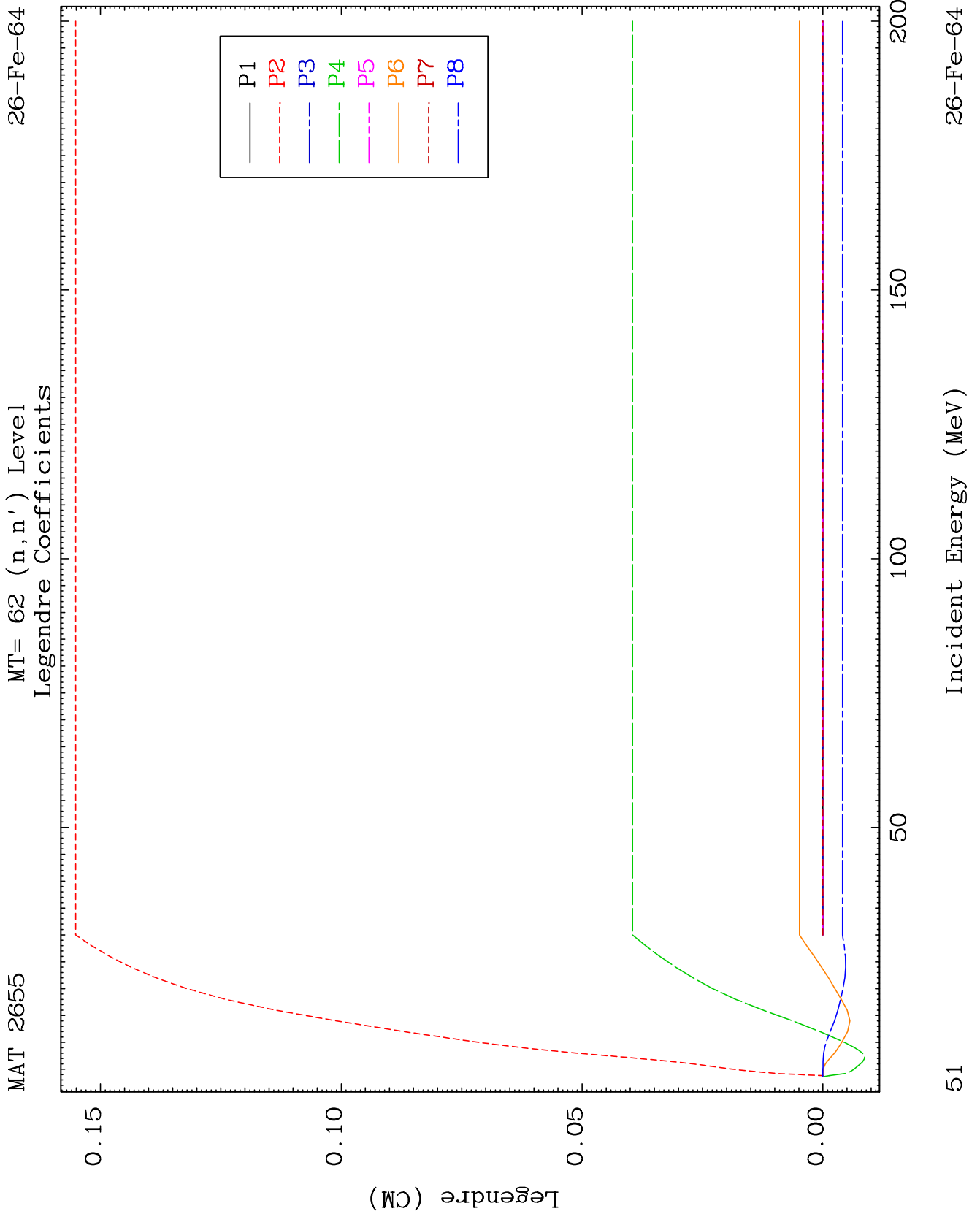
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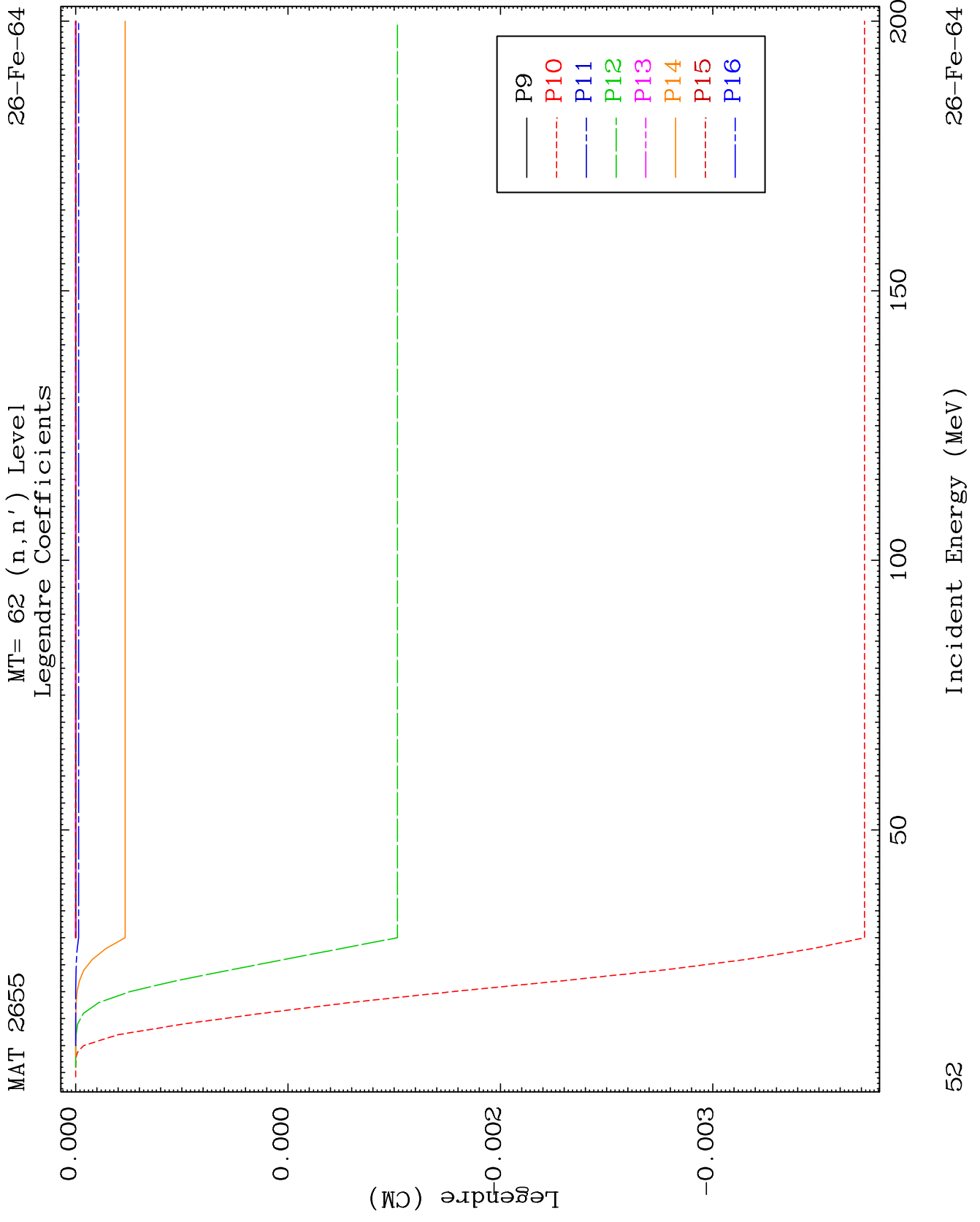
MAT 2655

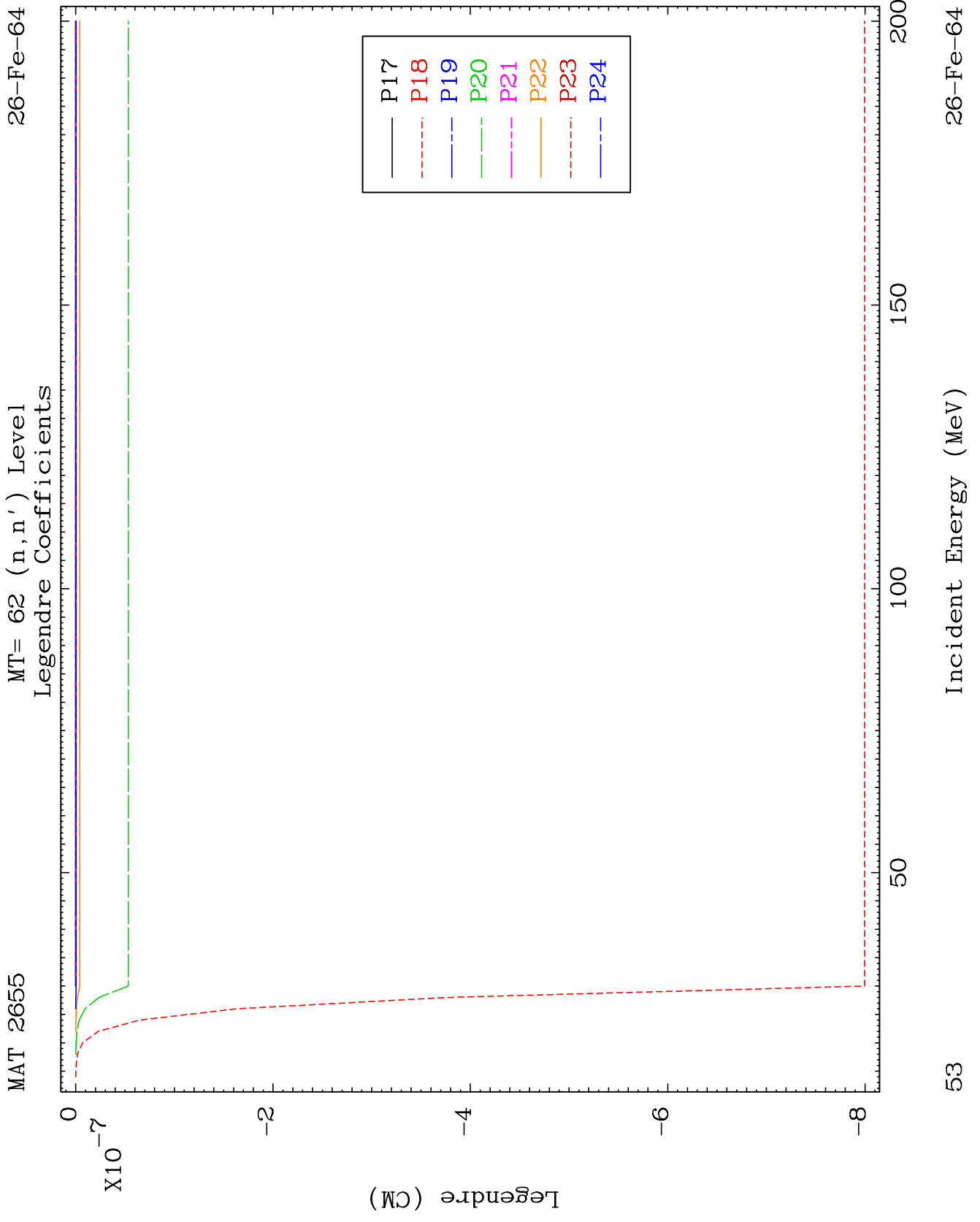
MT= 61 (n,n') Level
Legendre Coefficients

26-Fe-64





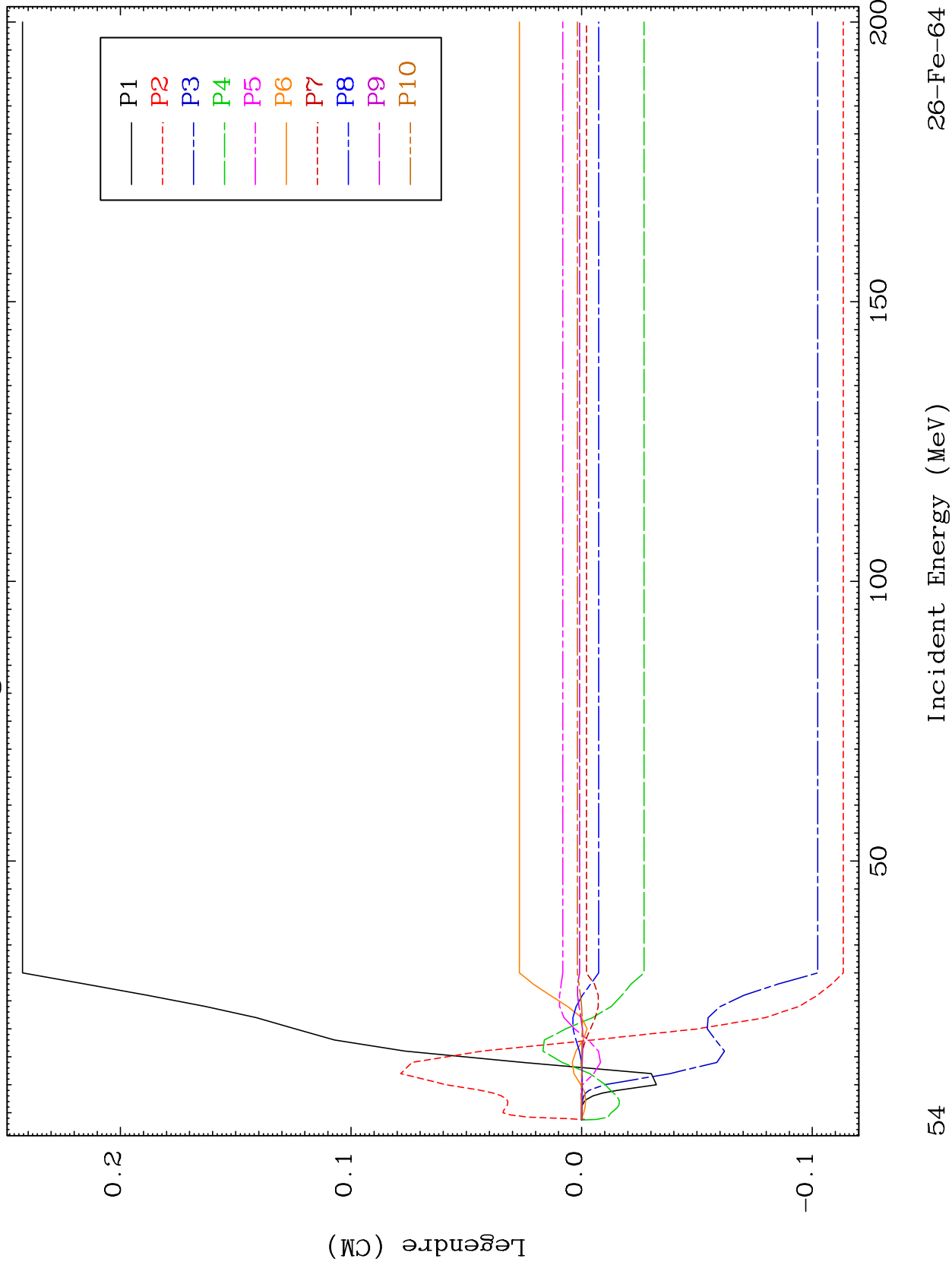




MAT 2655

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

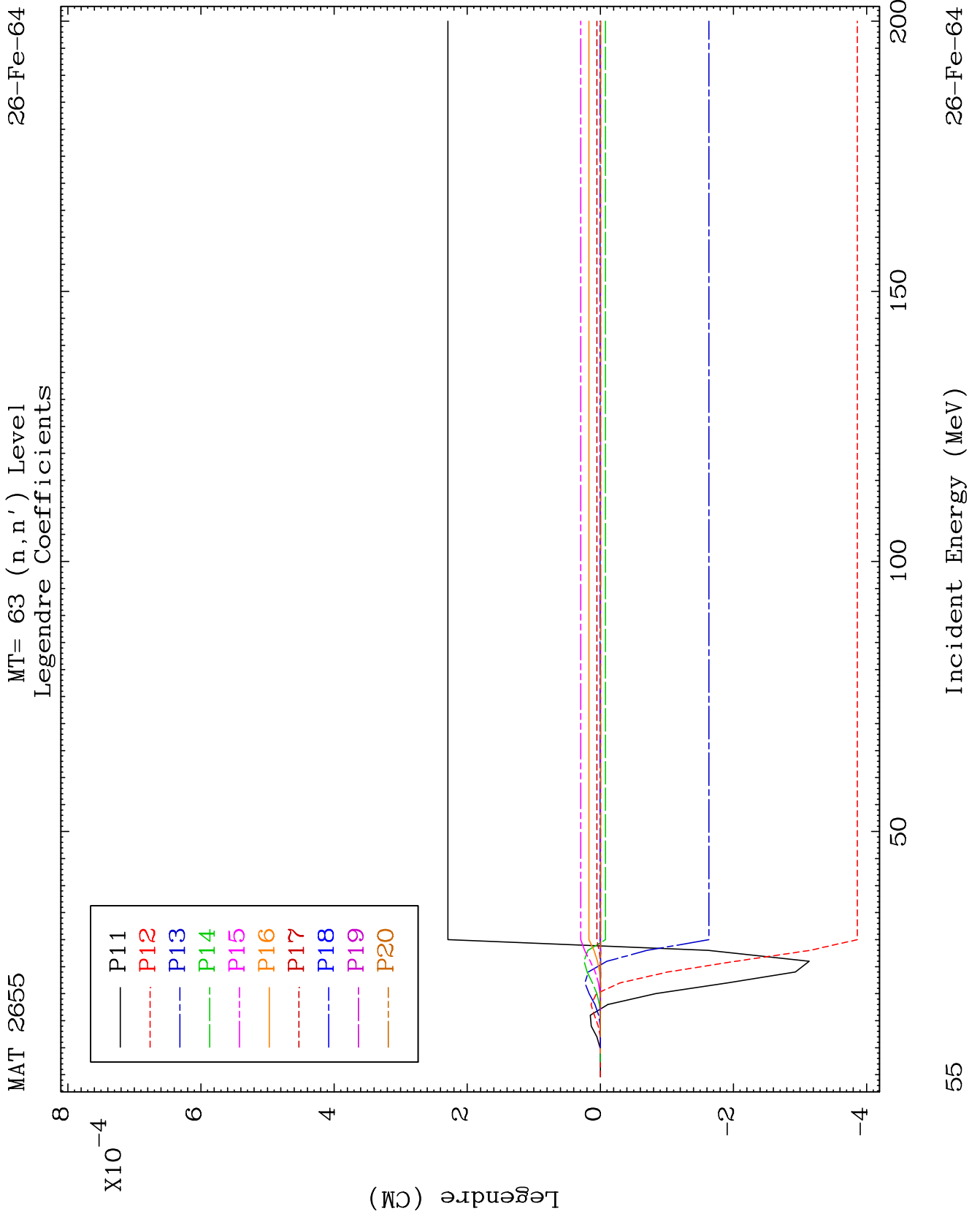
26-Fe-64



54

Incident Energy (MeV)

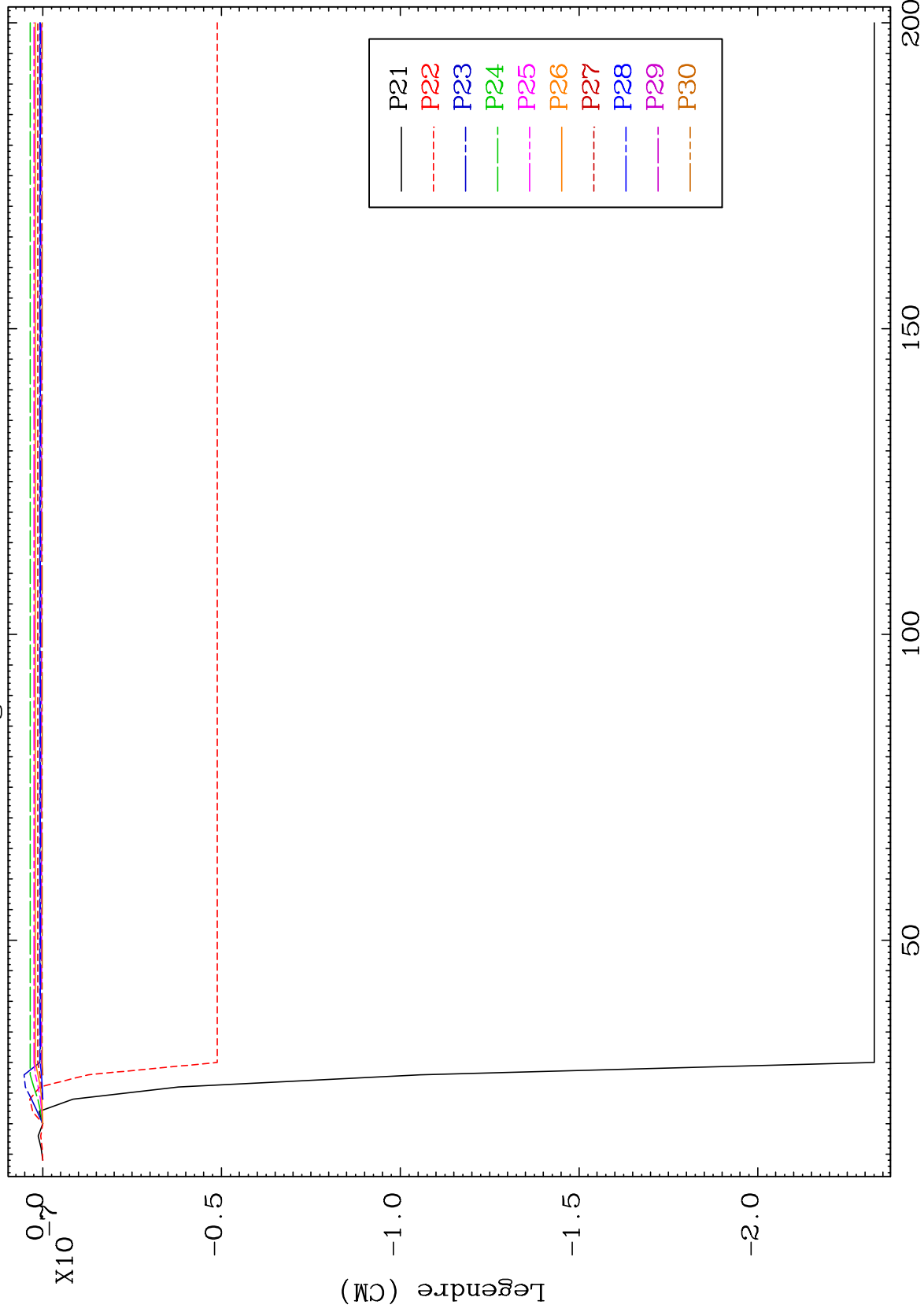
26-Fe-64



MAT 2655

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

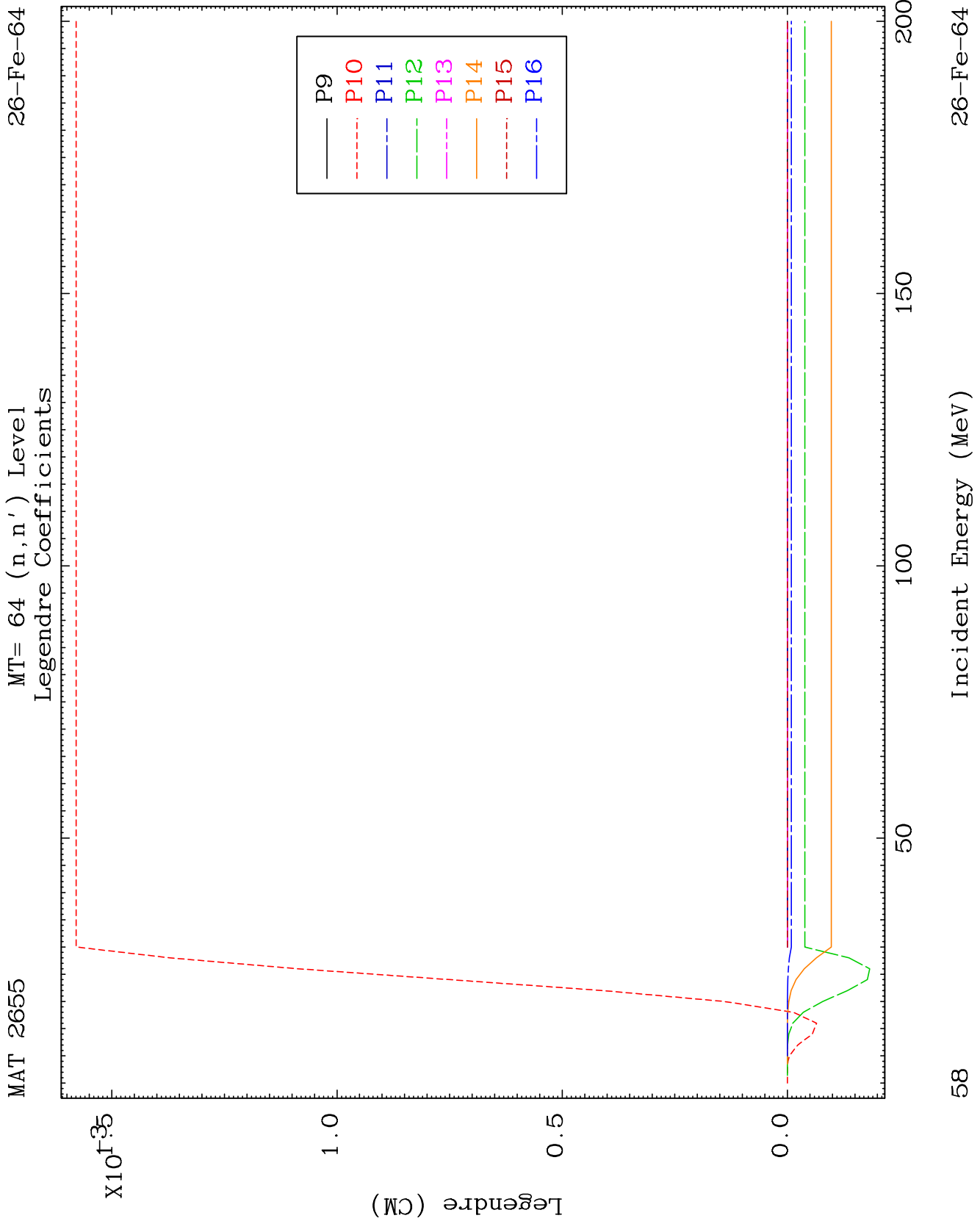
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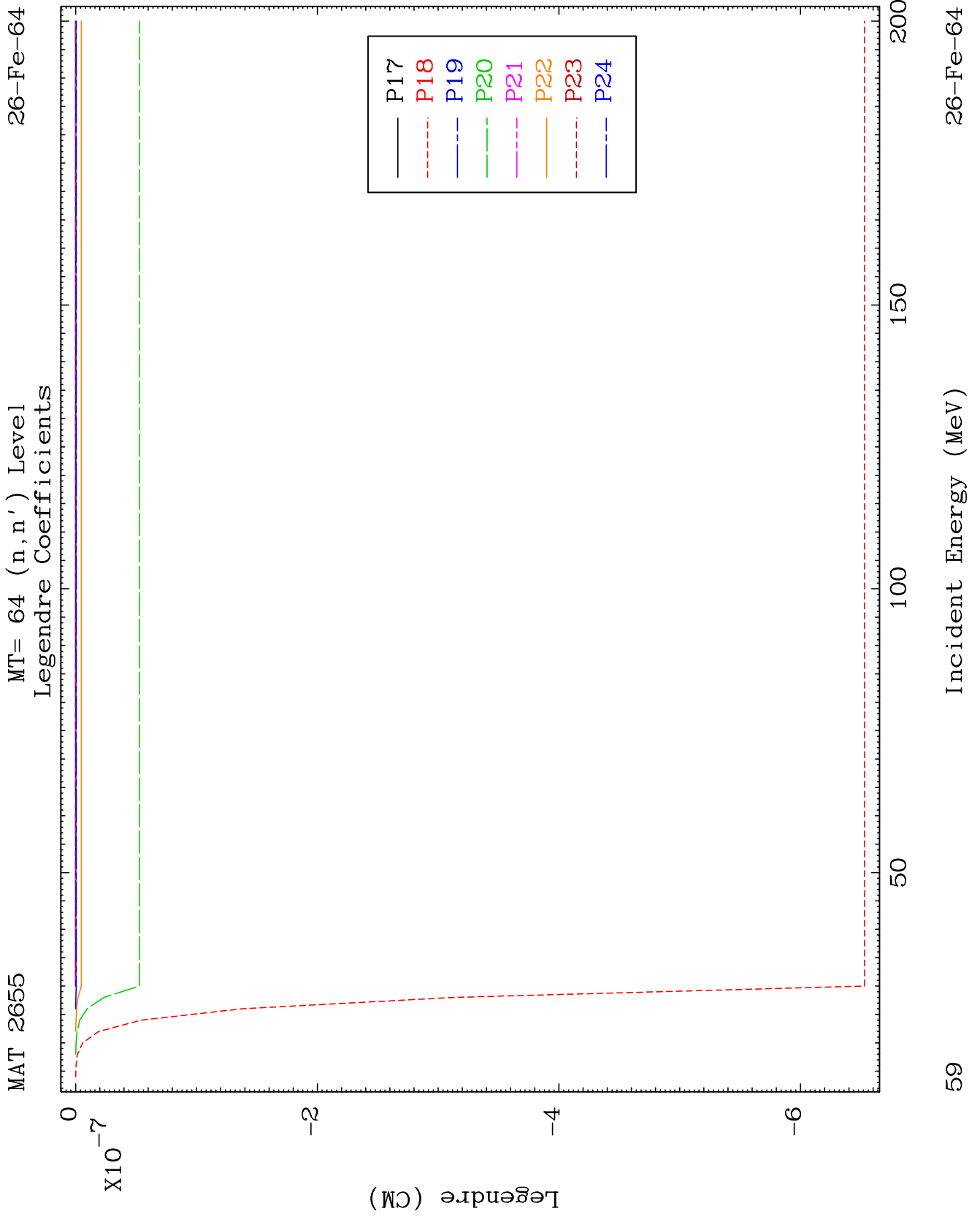


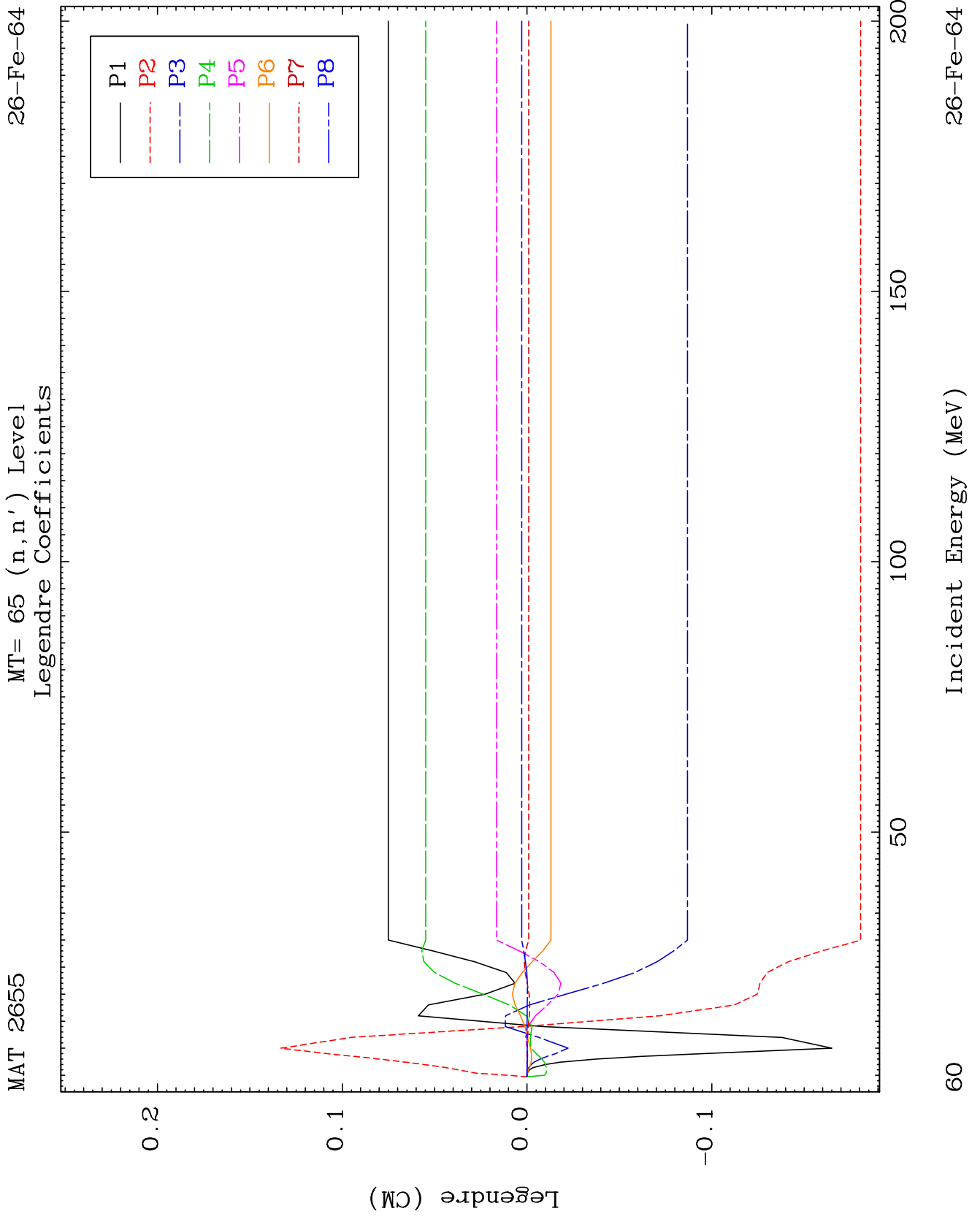
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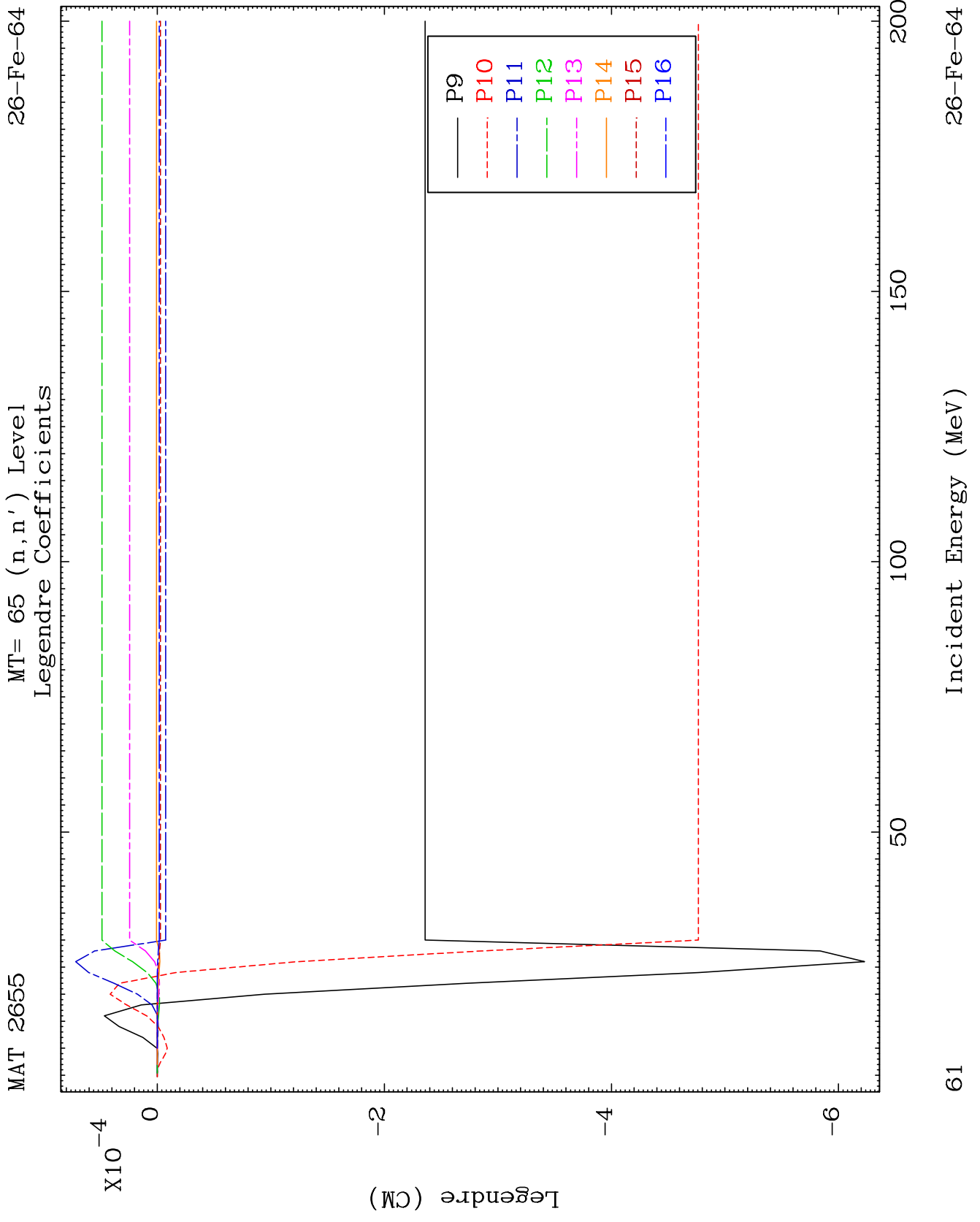
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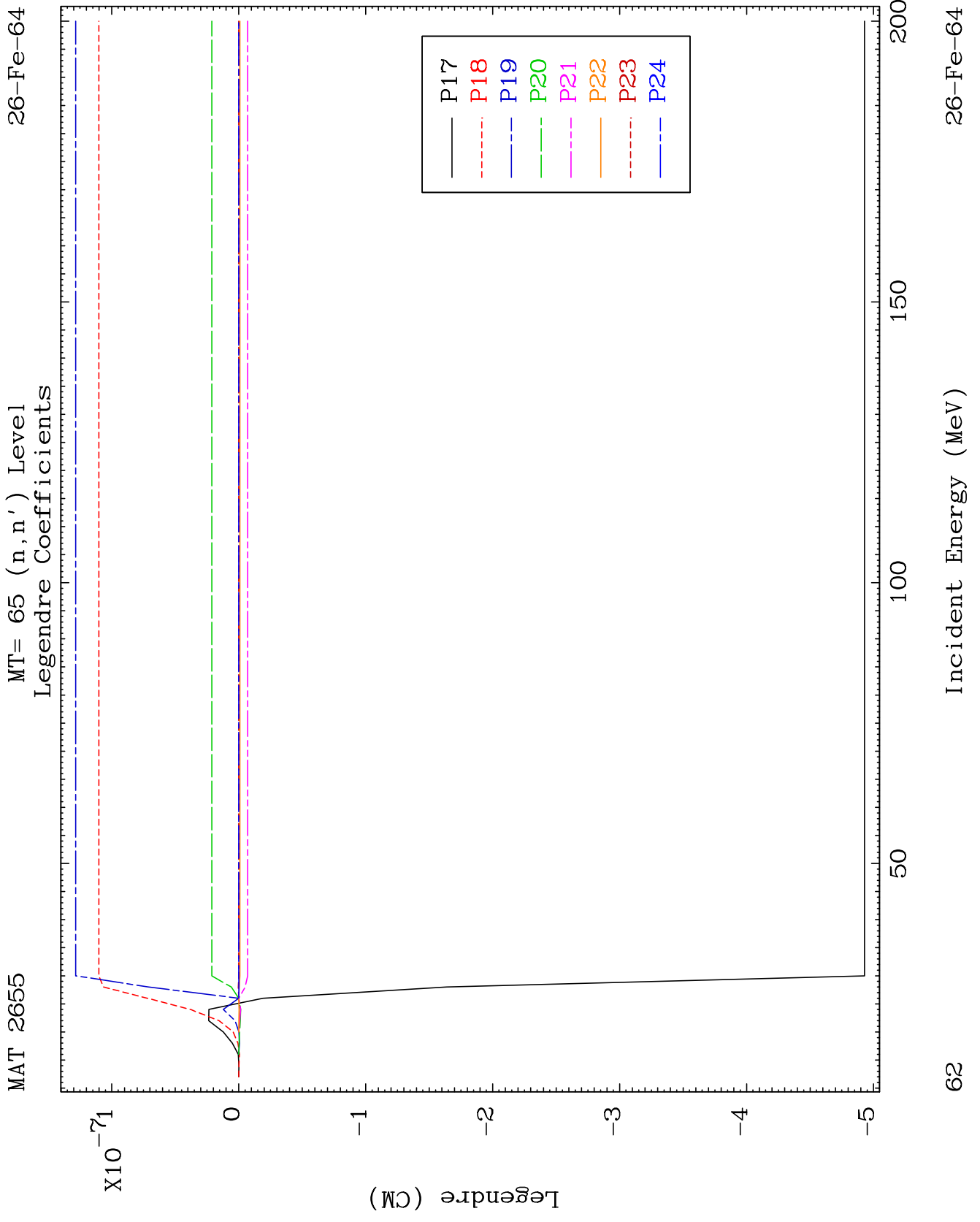
26-Fe-64







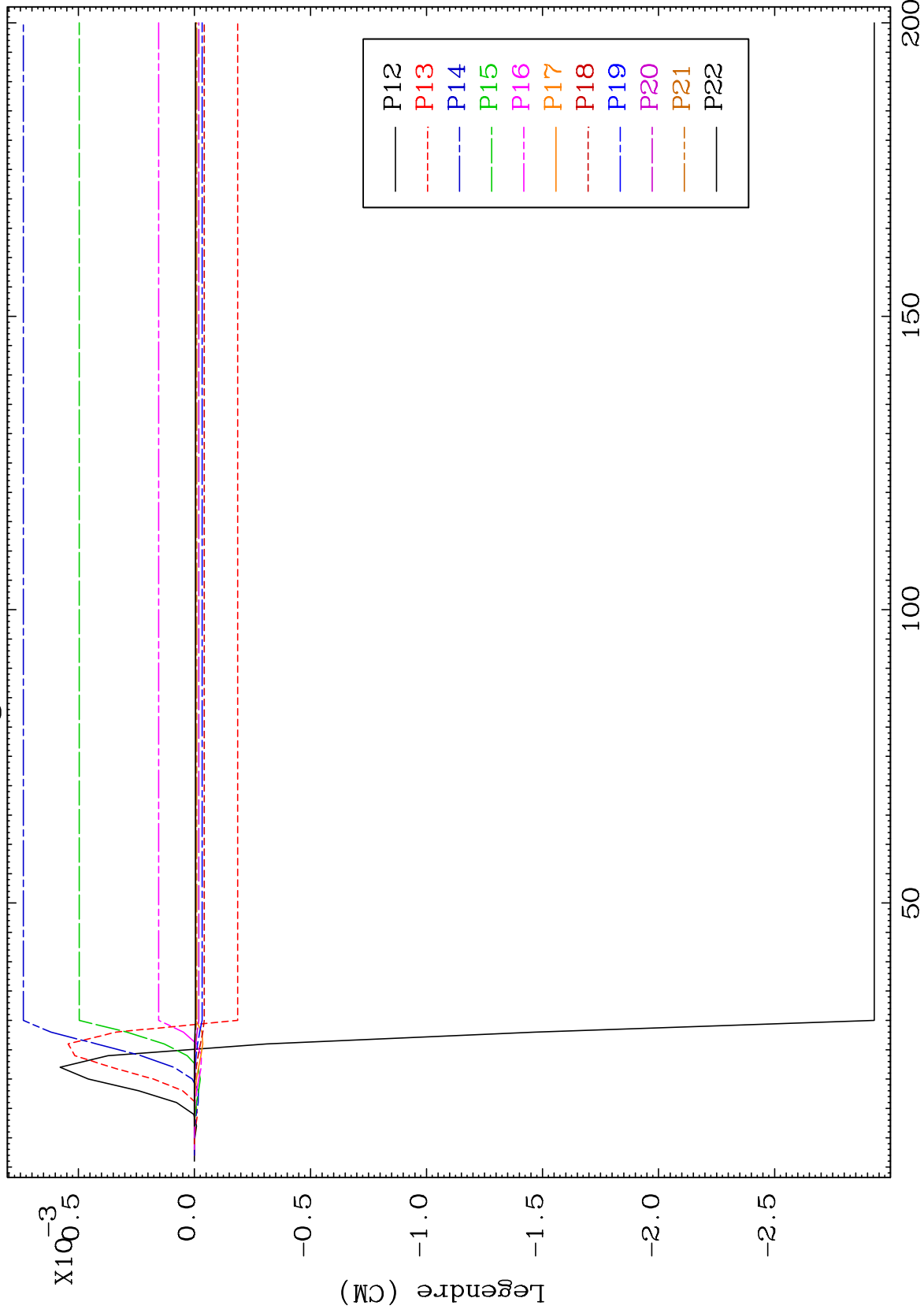




MAT 2655

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

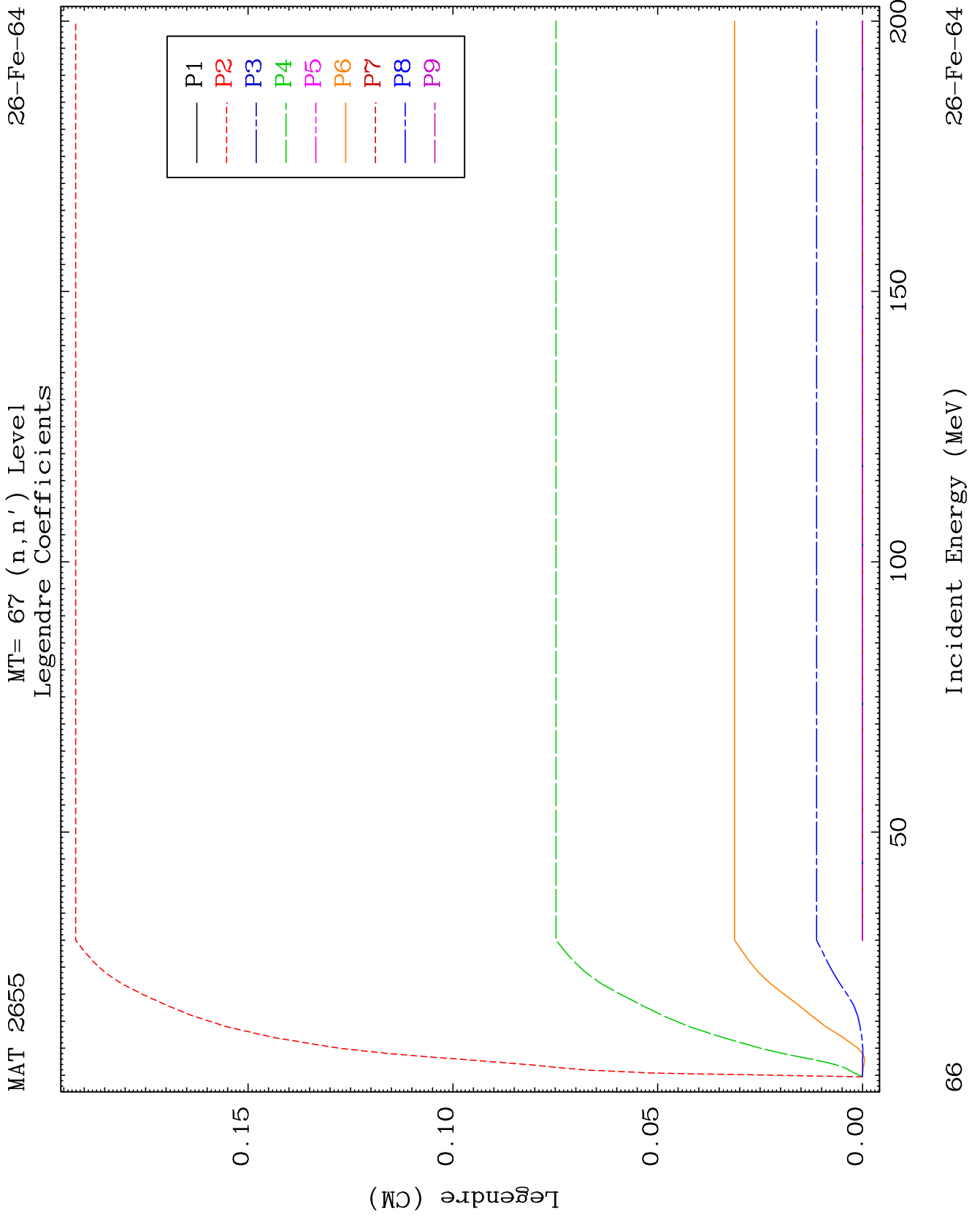
26-Fe-64



64

Incident Energy (MeV)

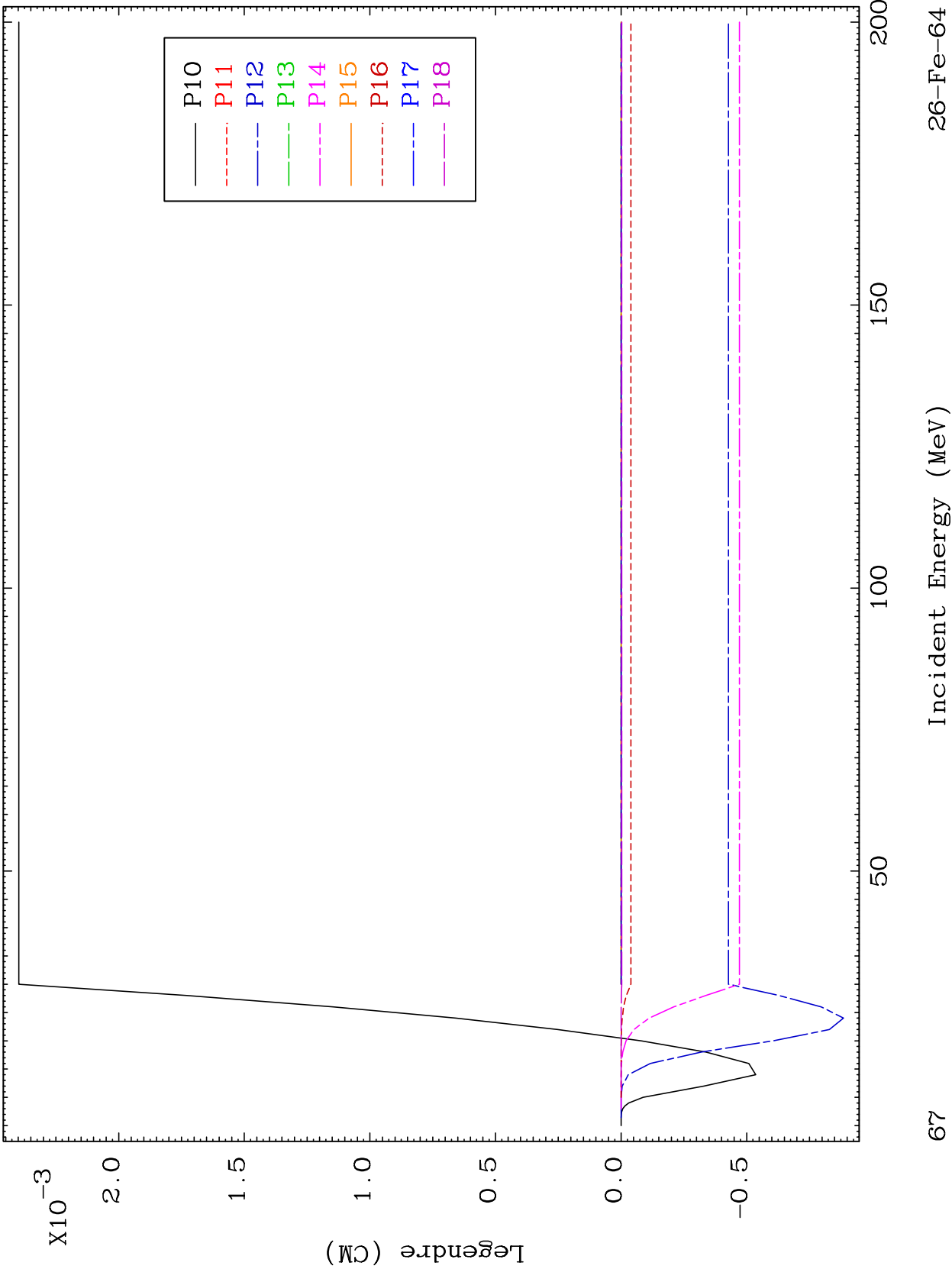
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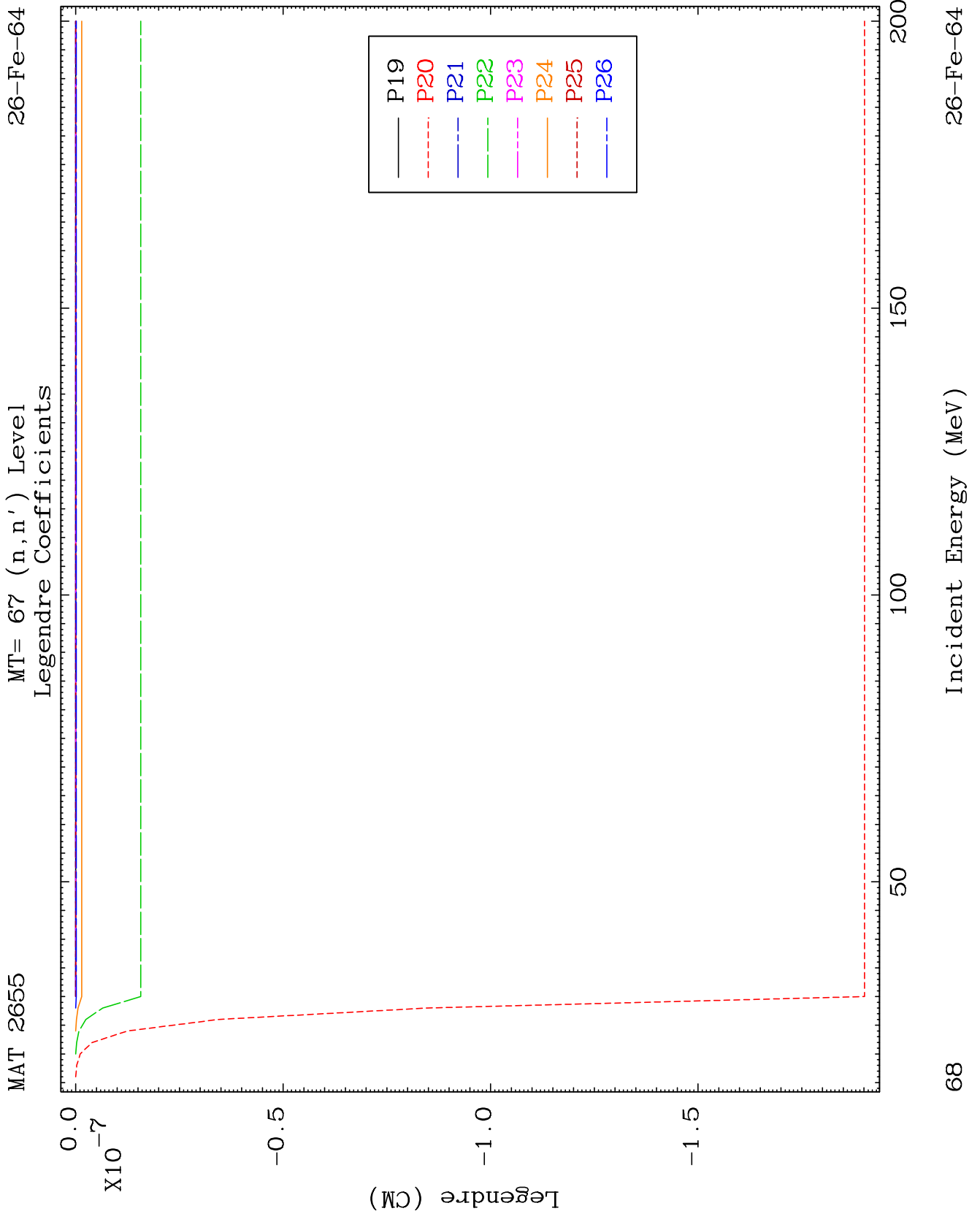


MAT 2655

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

26-Fe-64

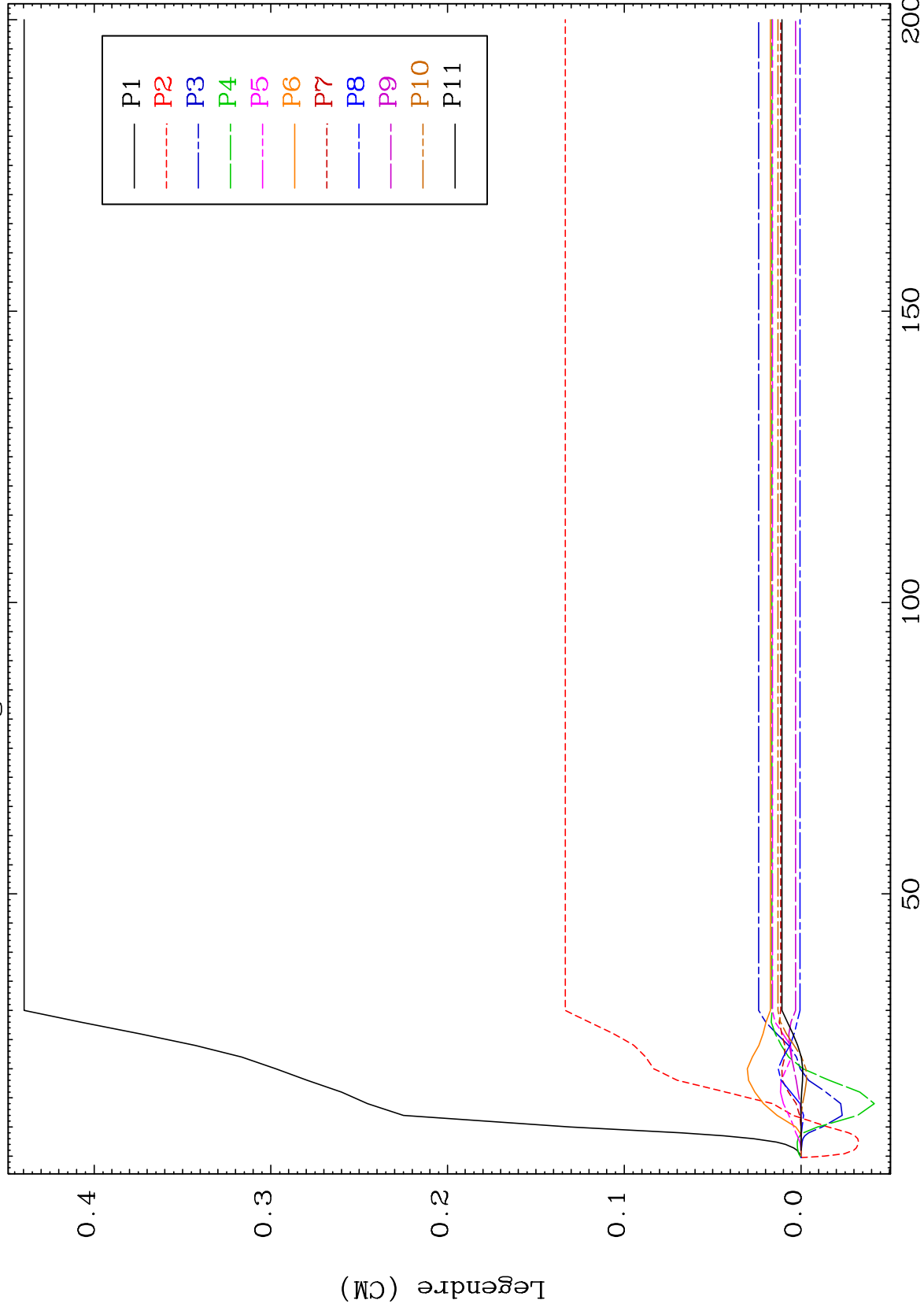




MAT 2655

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

26-Fe-64



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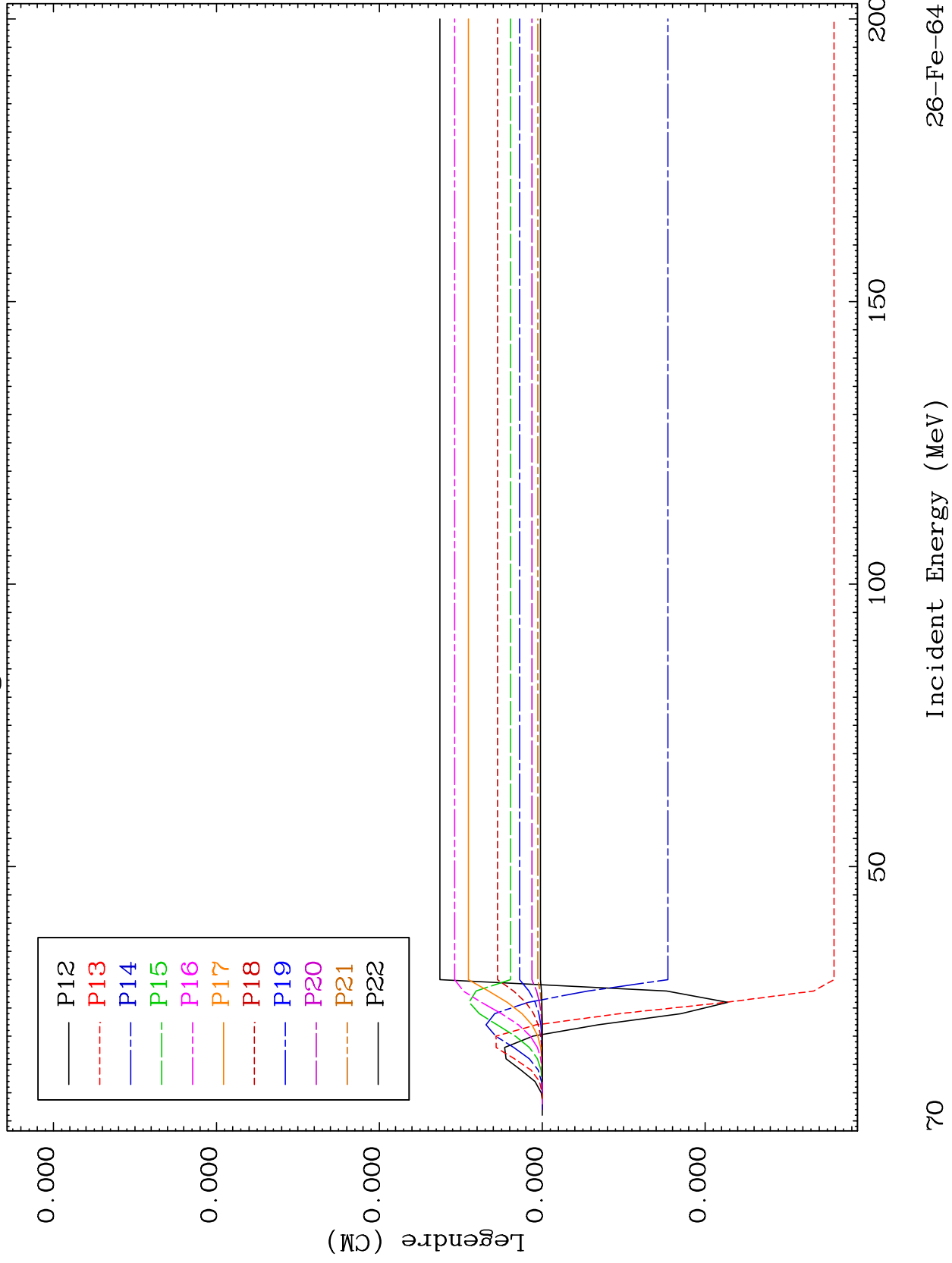
Incident Energy (MeV)

26-Fe-64

MAT 2655

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

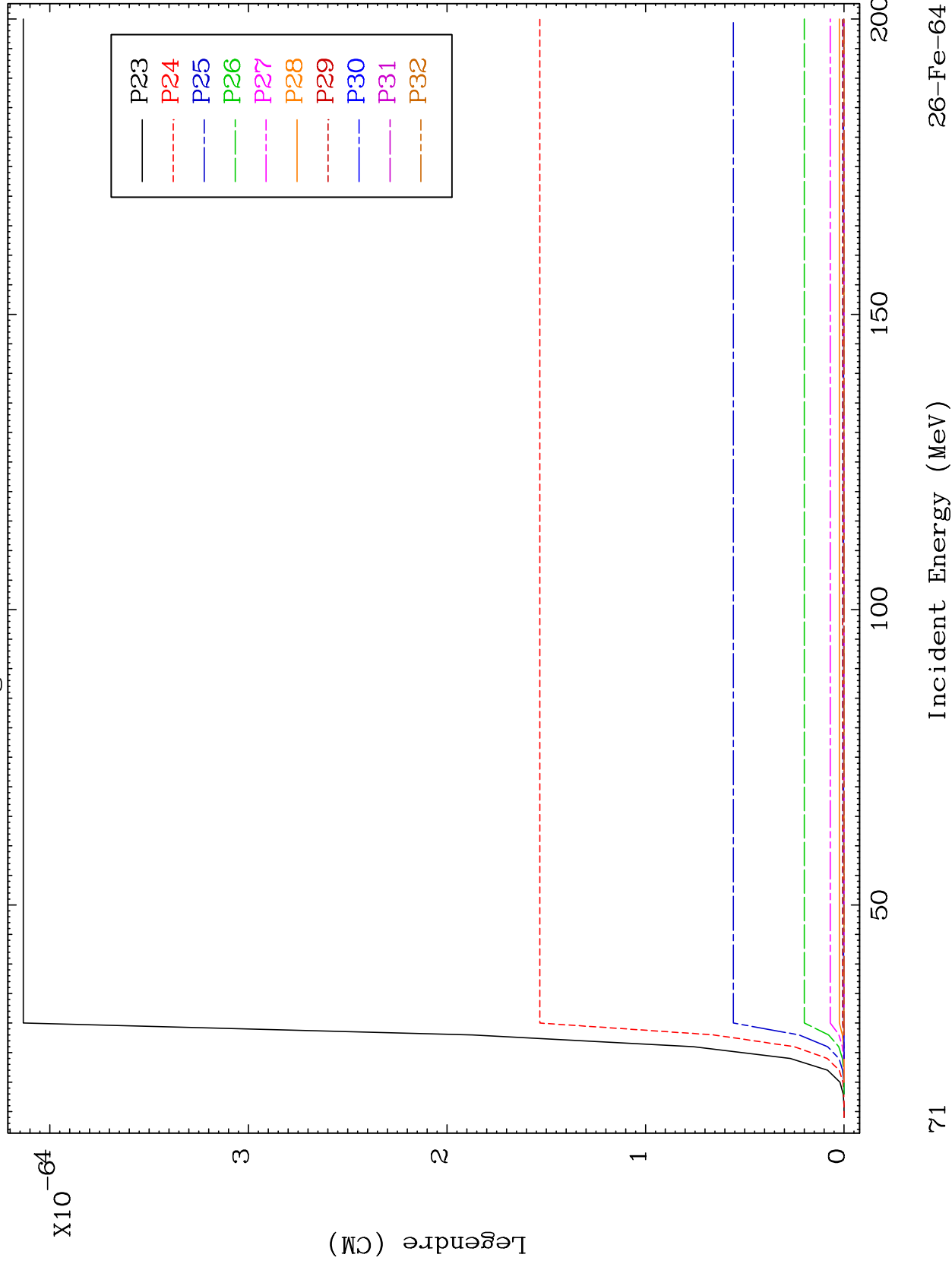
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MAT 2655

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

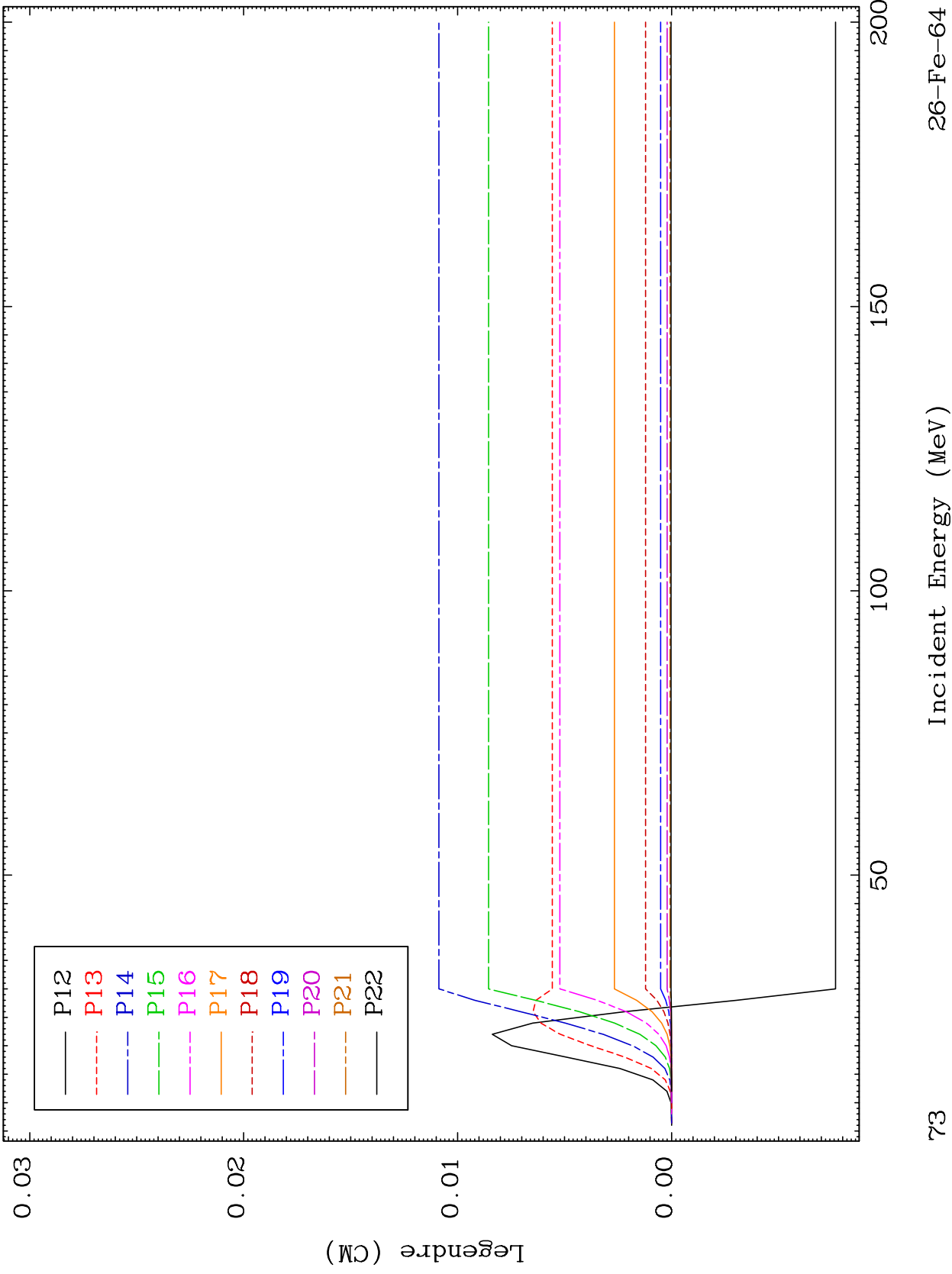
26-Fe-64



MAT 2655

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

26-Fe-64



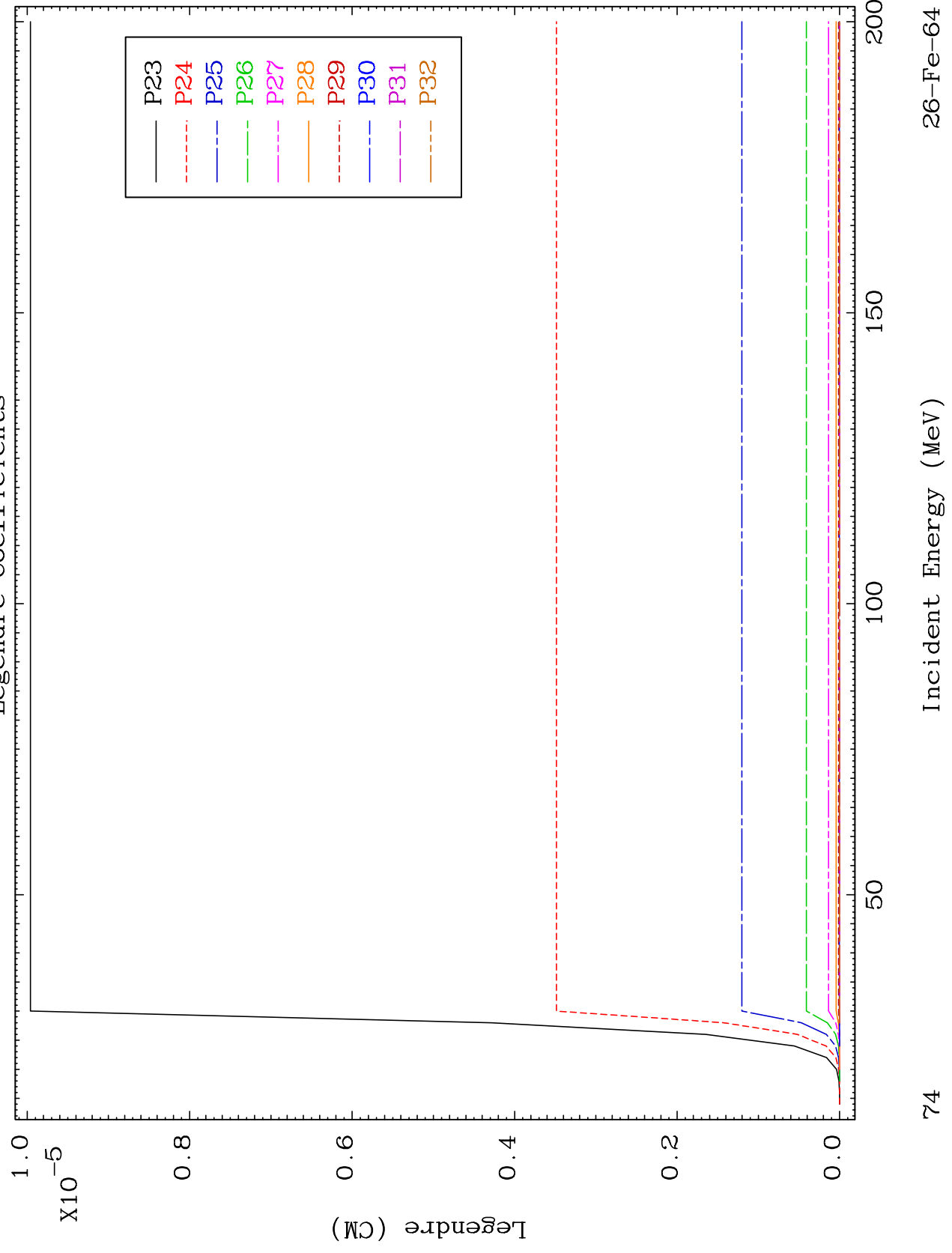
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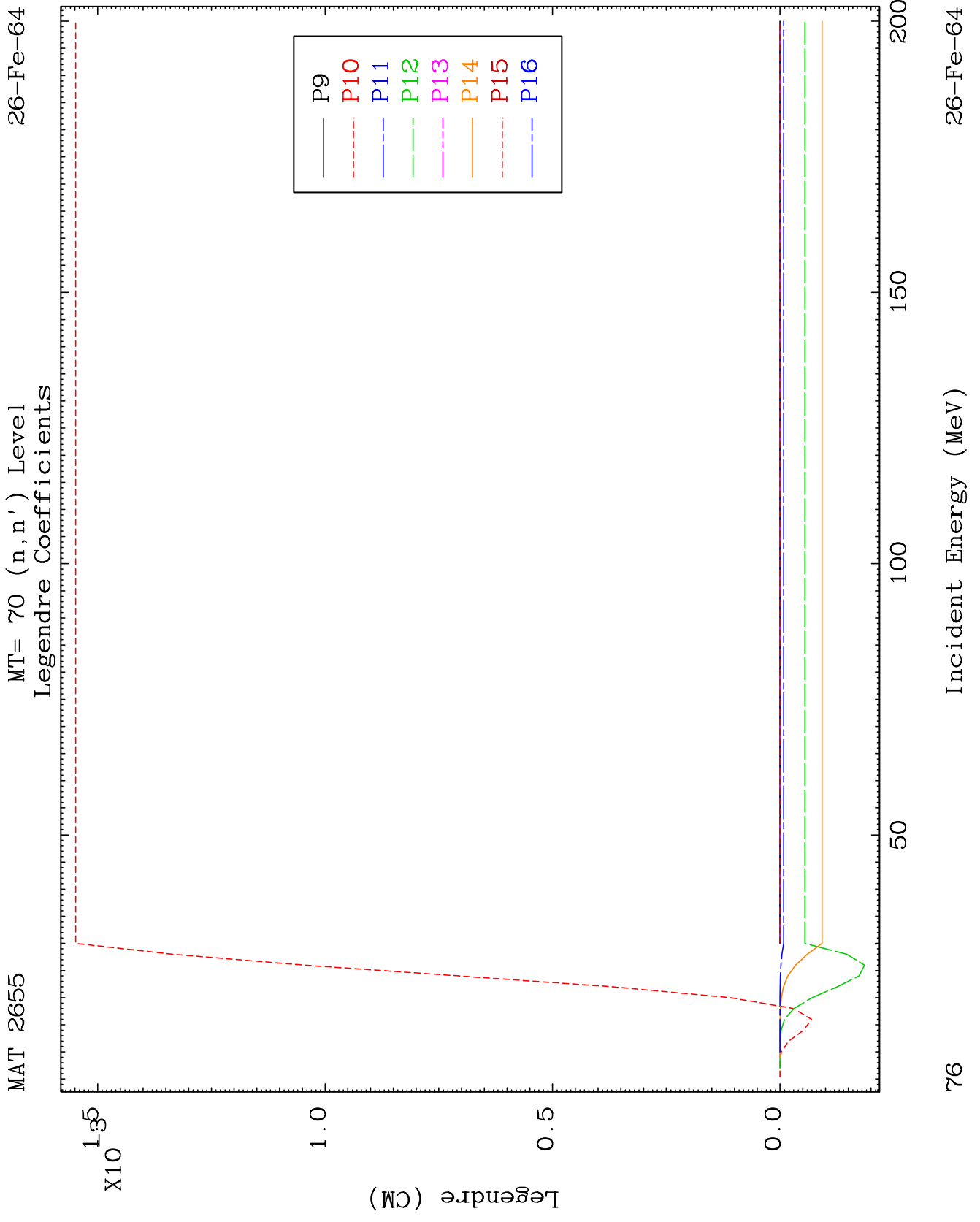
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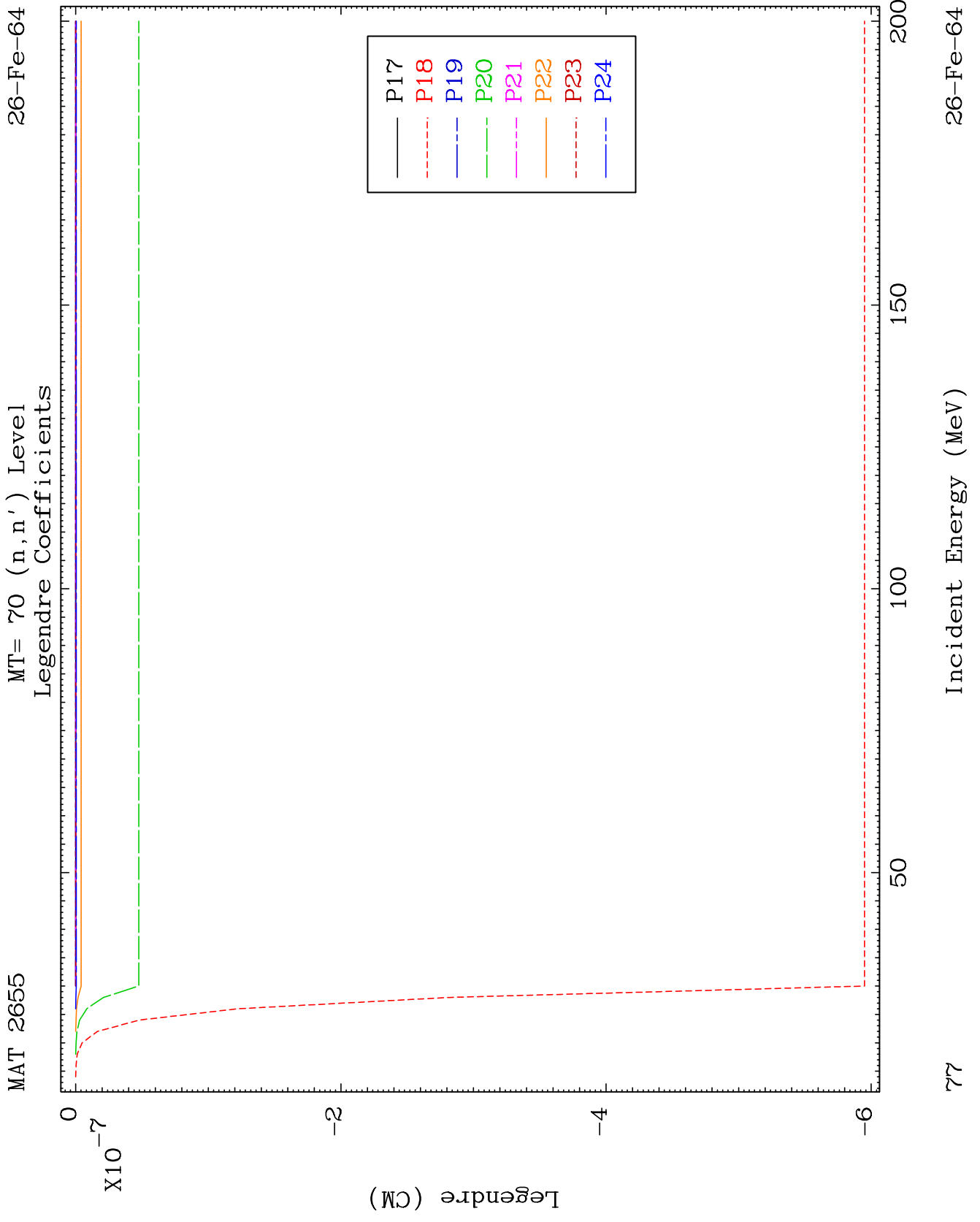
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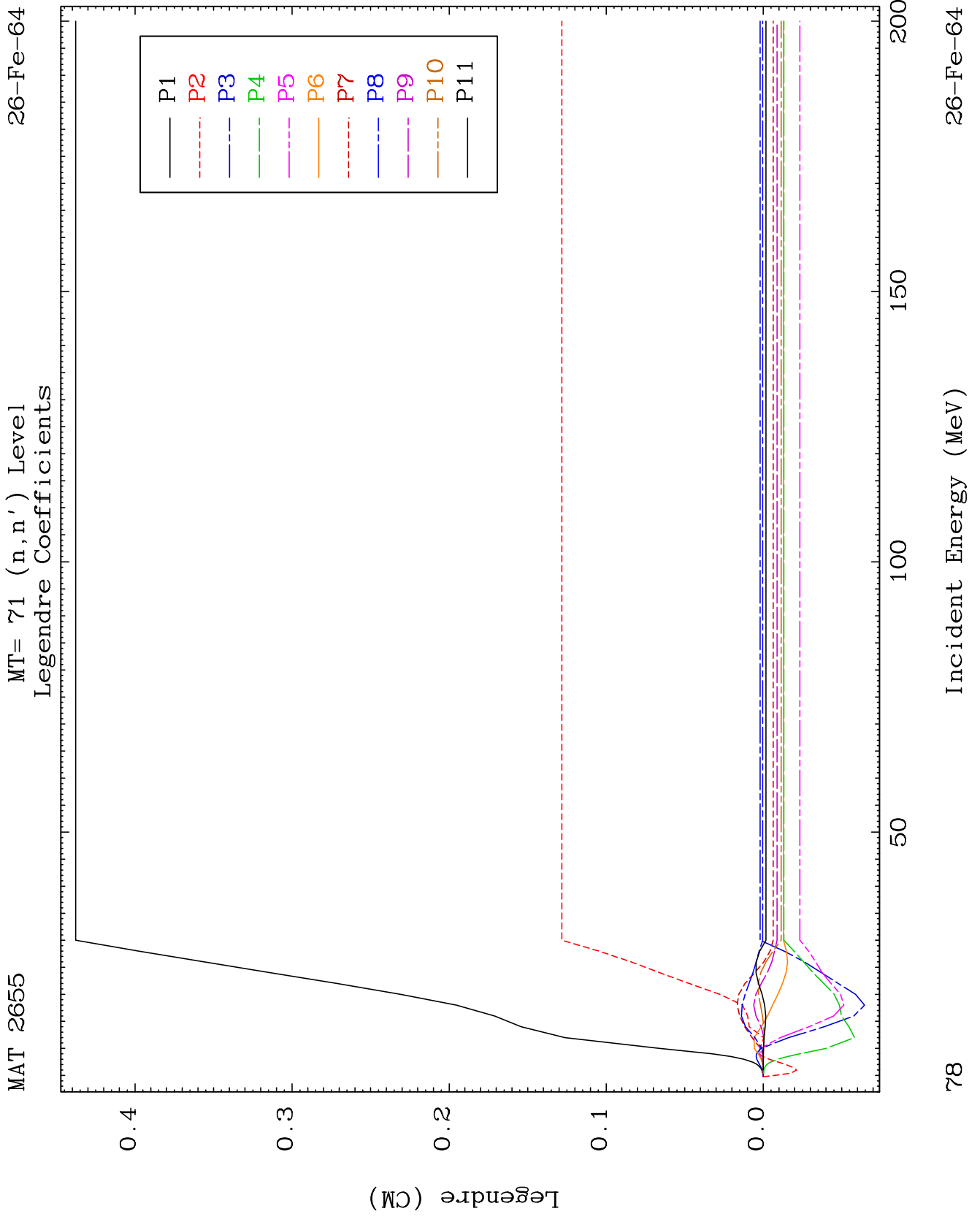
MT= 69 (n,n') Level
Legendre Coefficients

26-Fe-64





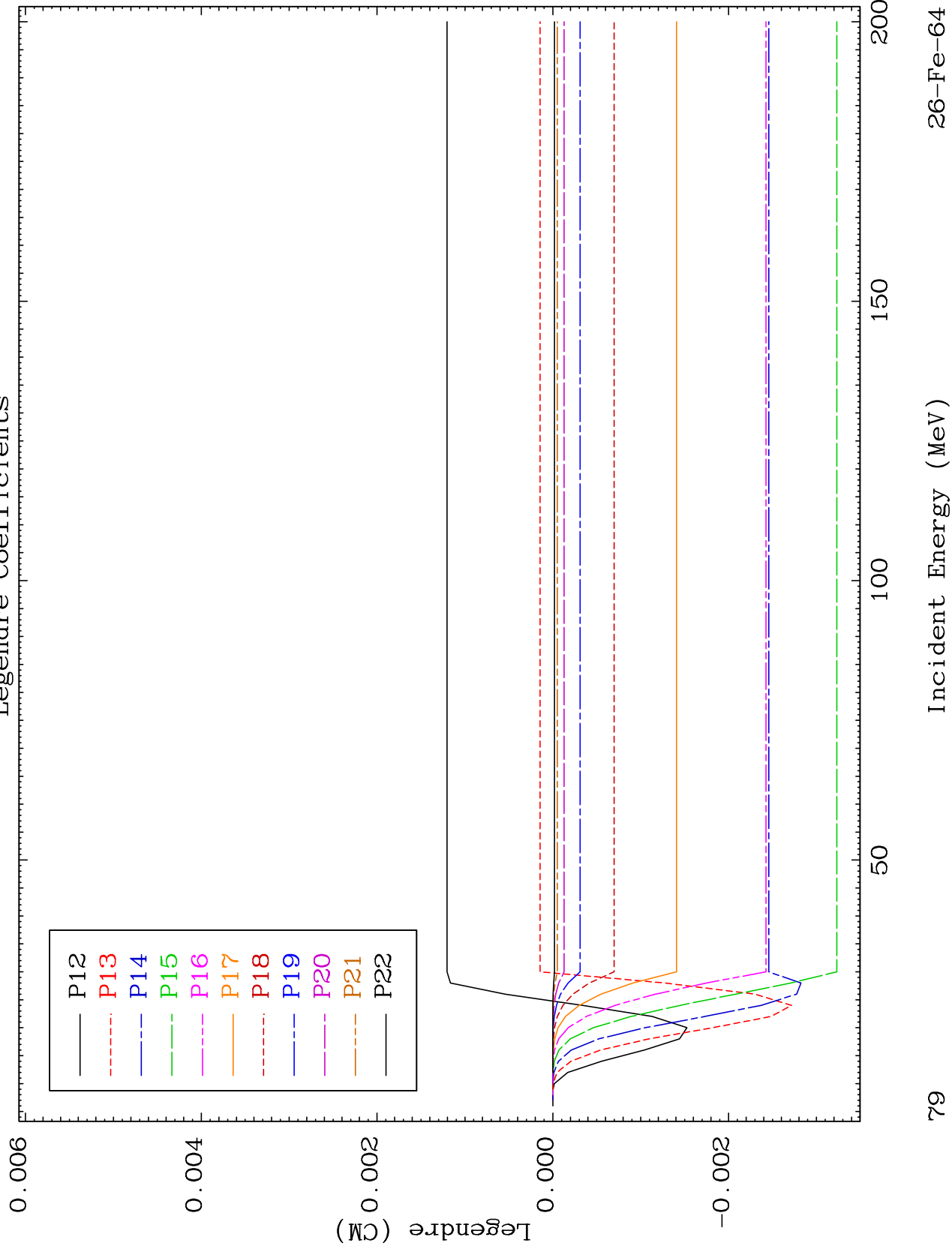




MAT 2655

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

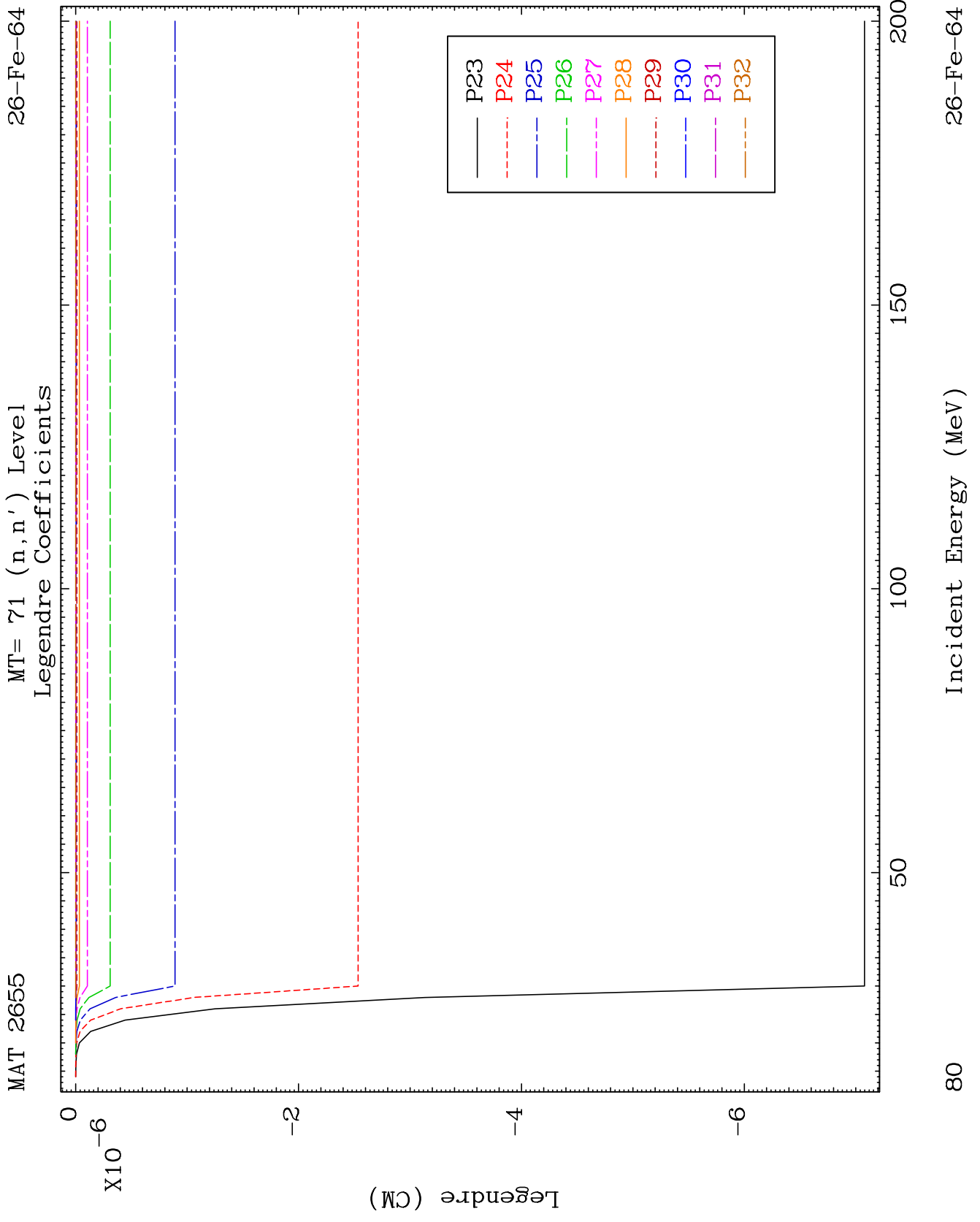
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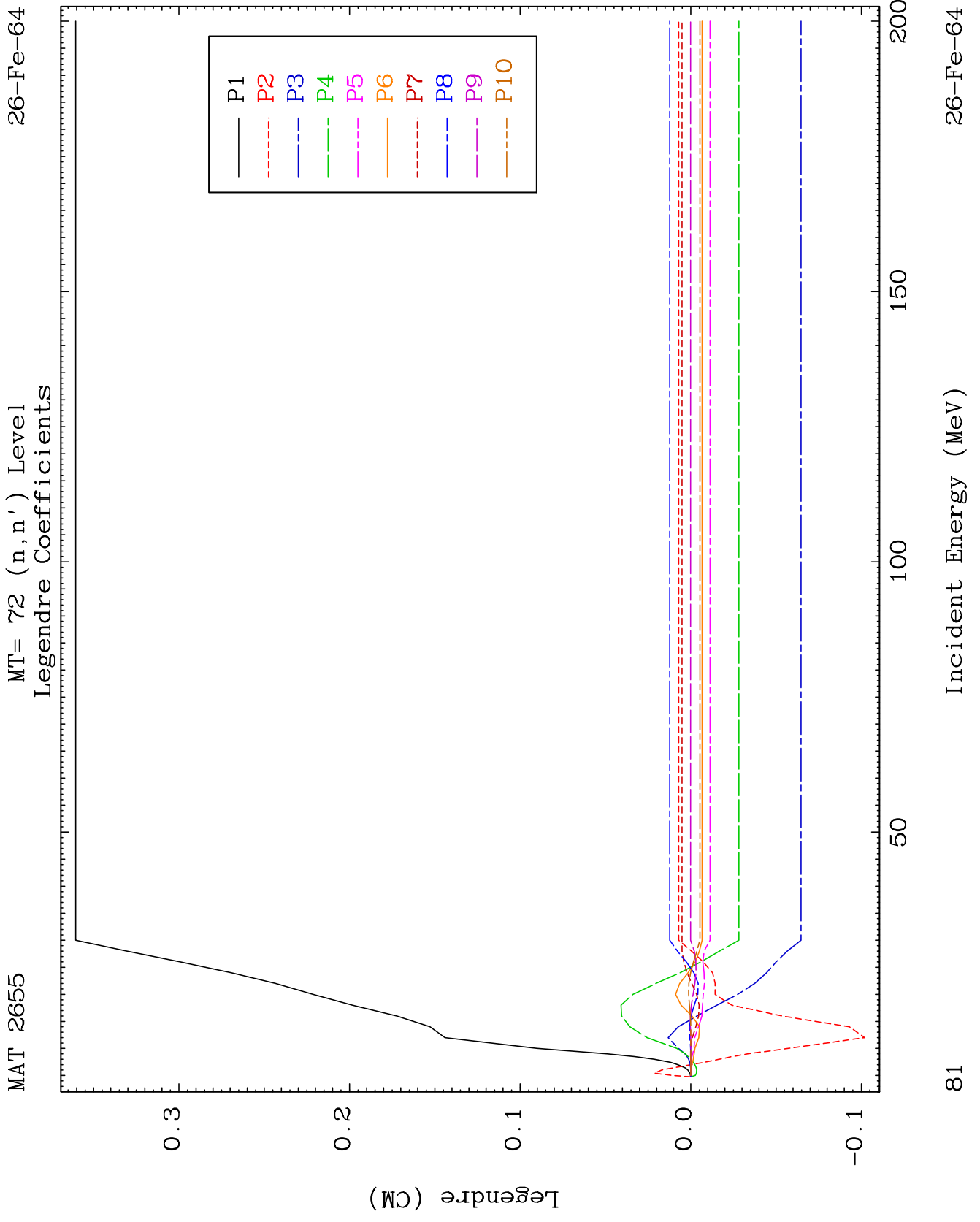


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Incident Energy (MeV)

26-Fe-64

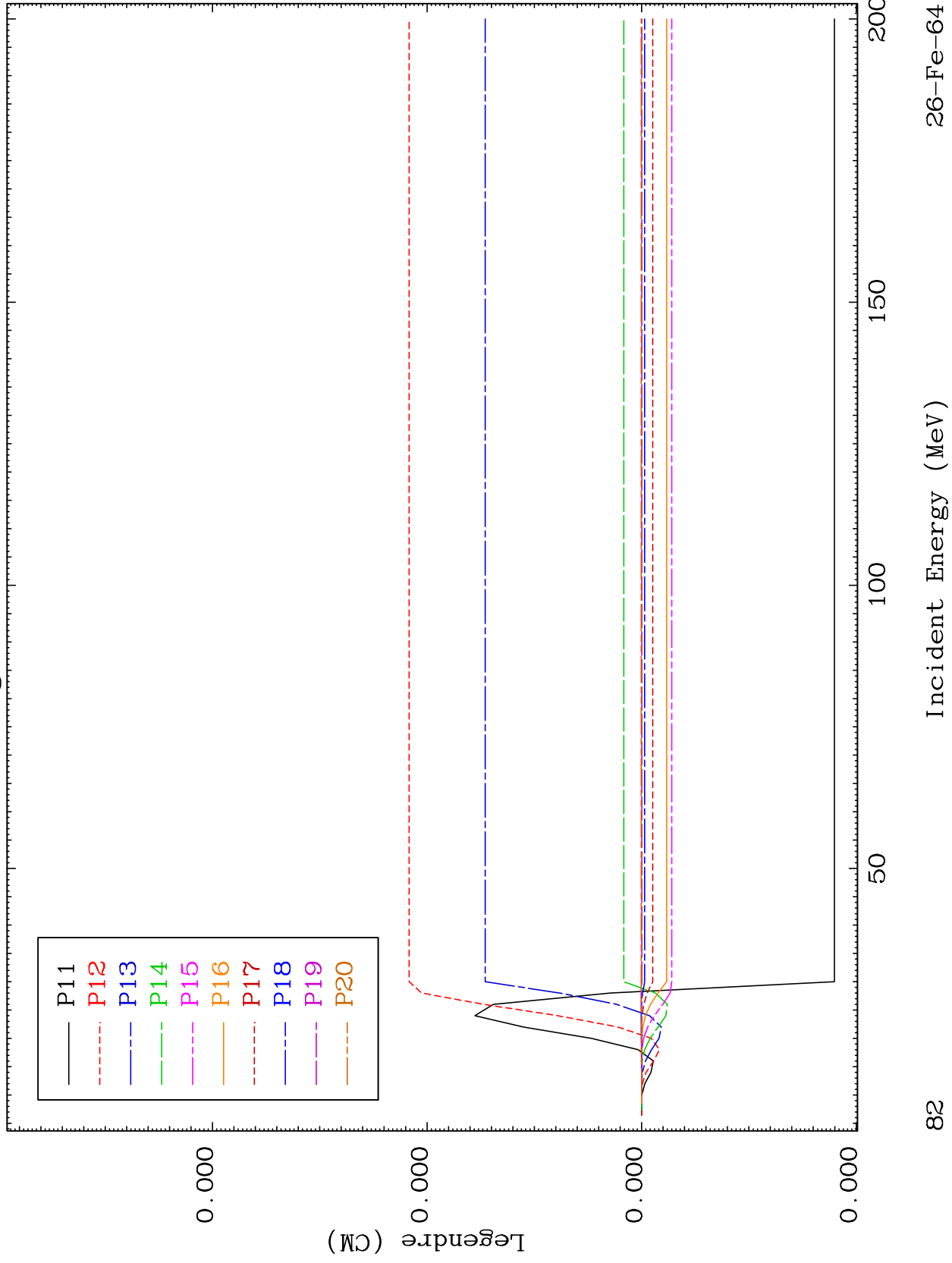




MAT 2655

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

26-Fe-64



82

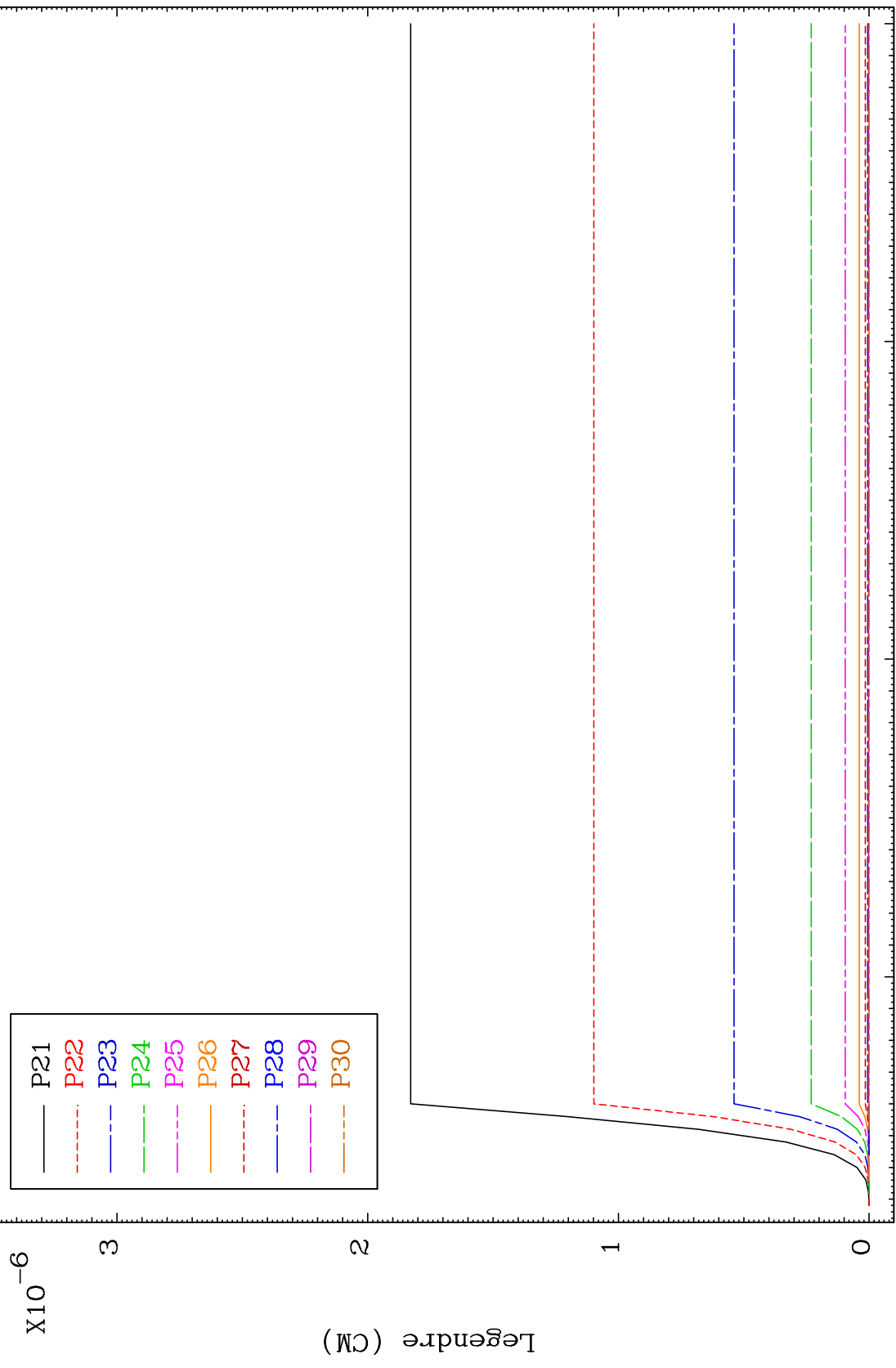
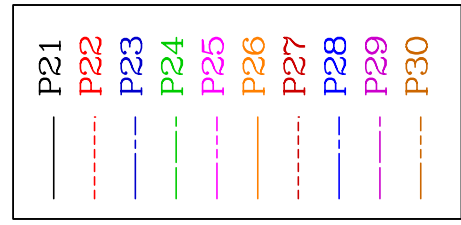
Incident Energy (MeV)

26-Fe-64

MAT 2655

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

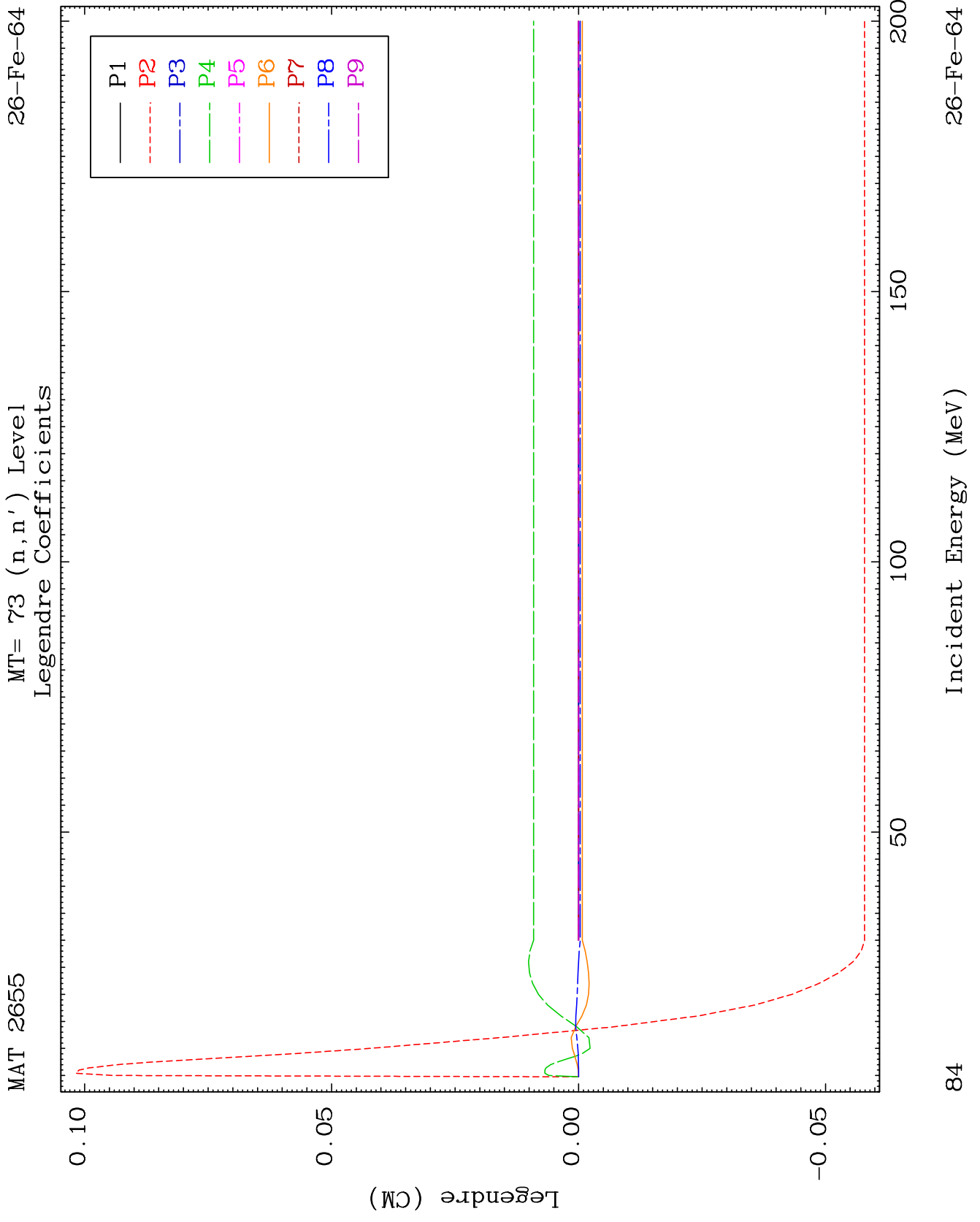
26-Fe-64

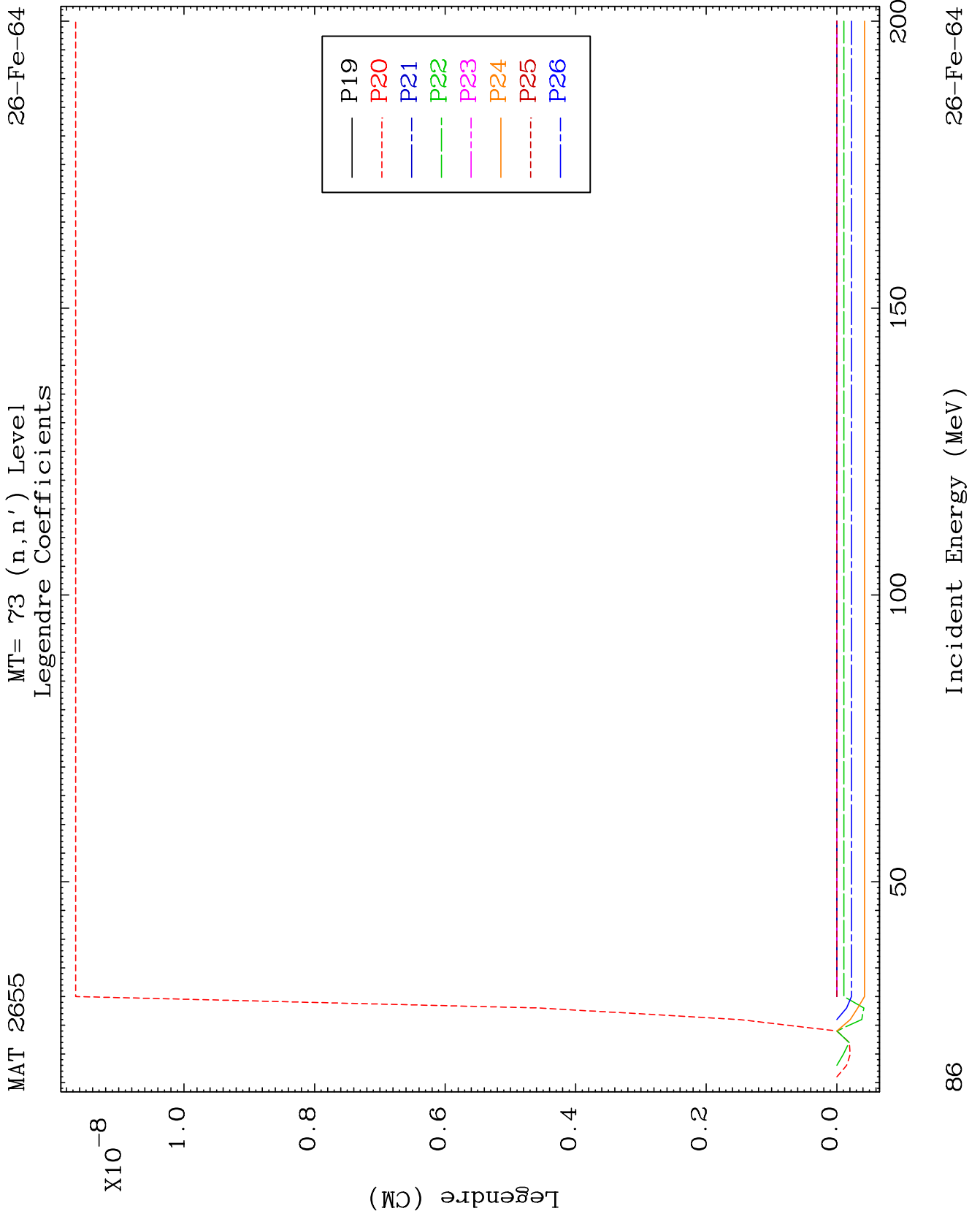


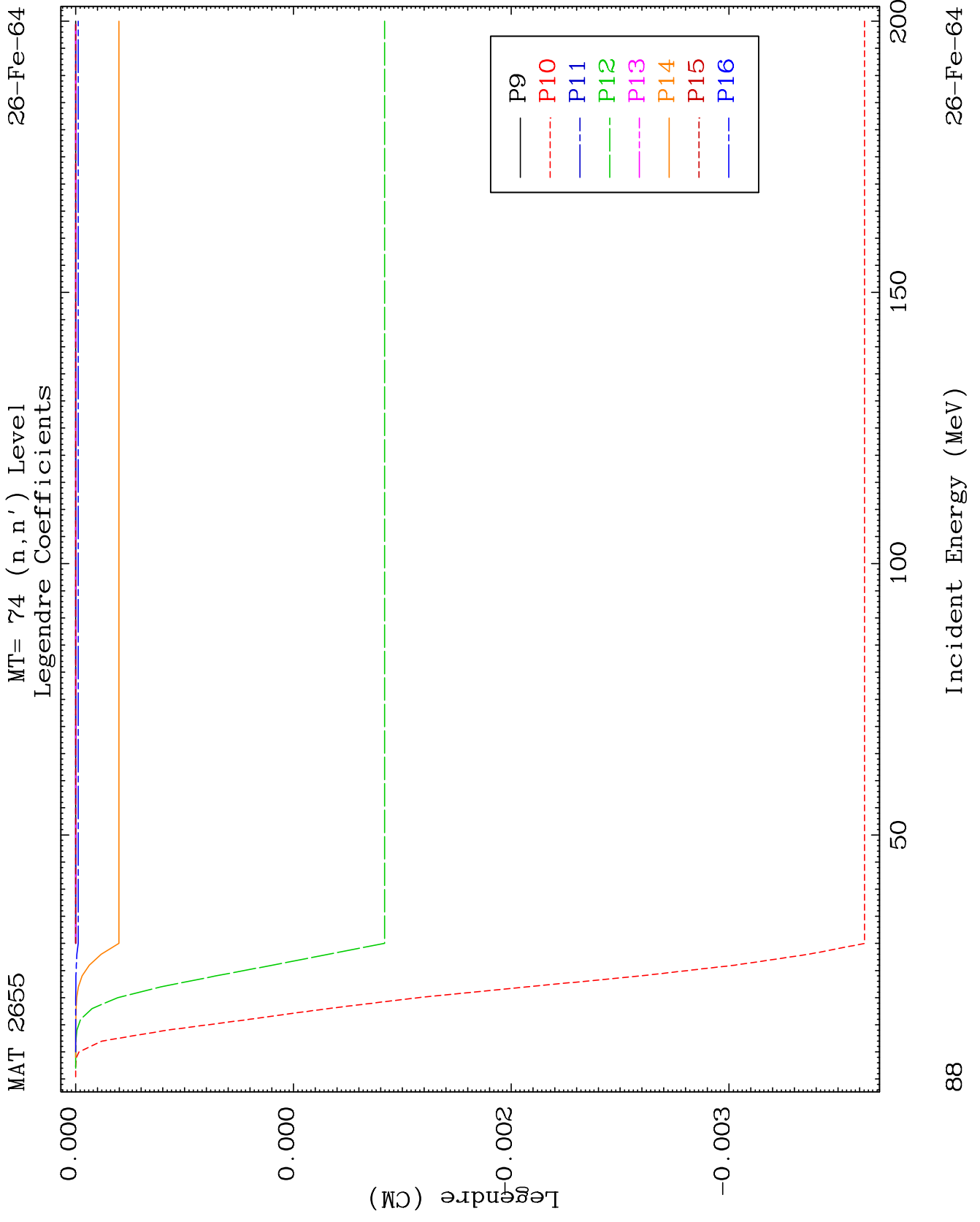
83

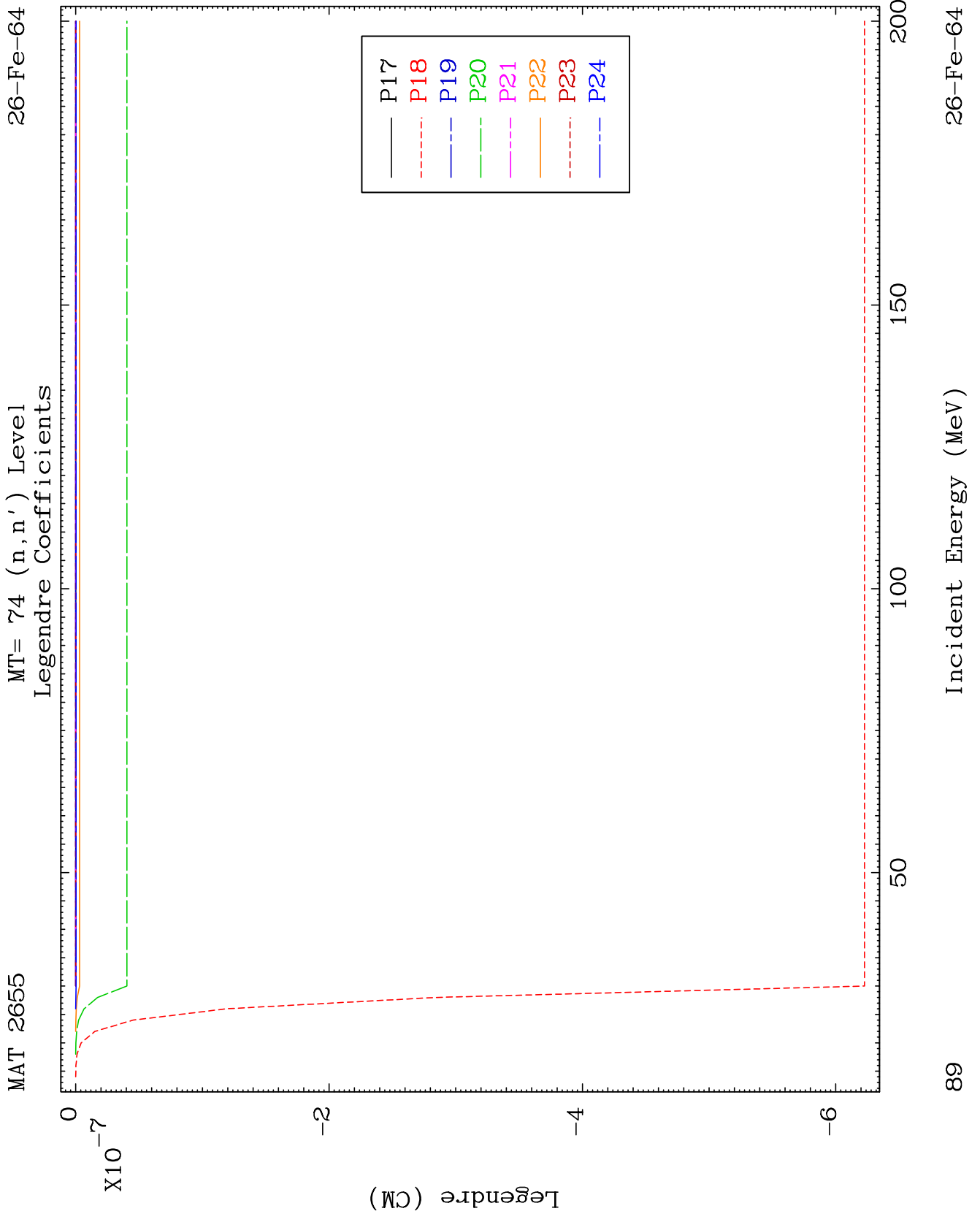
Incident Energy (MeV)

26-Fe-64





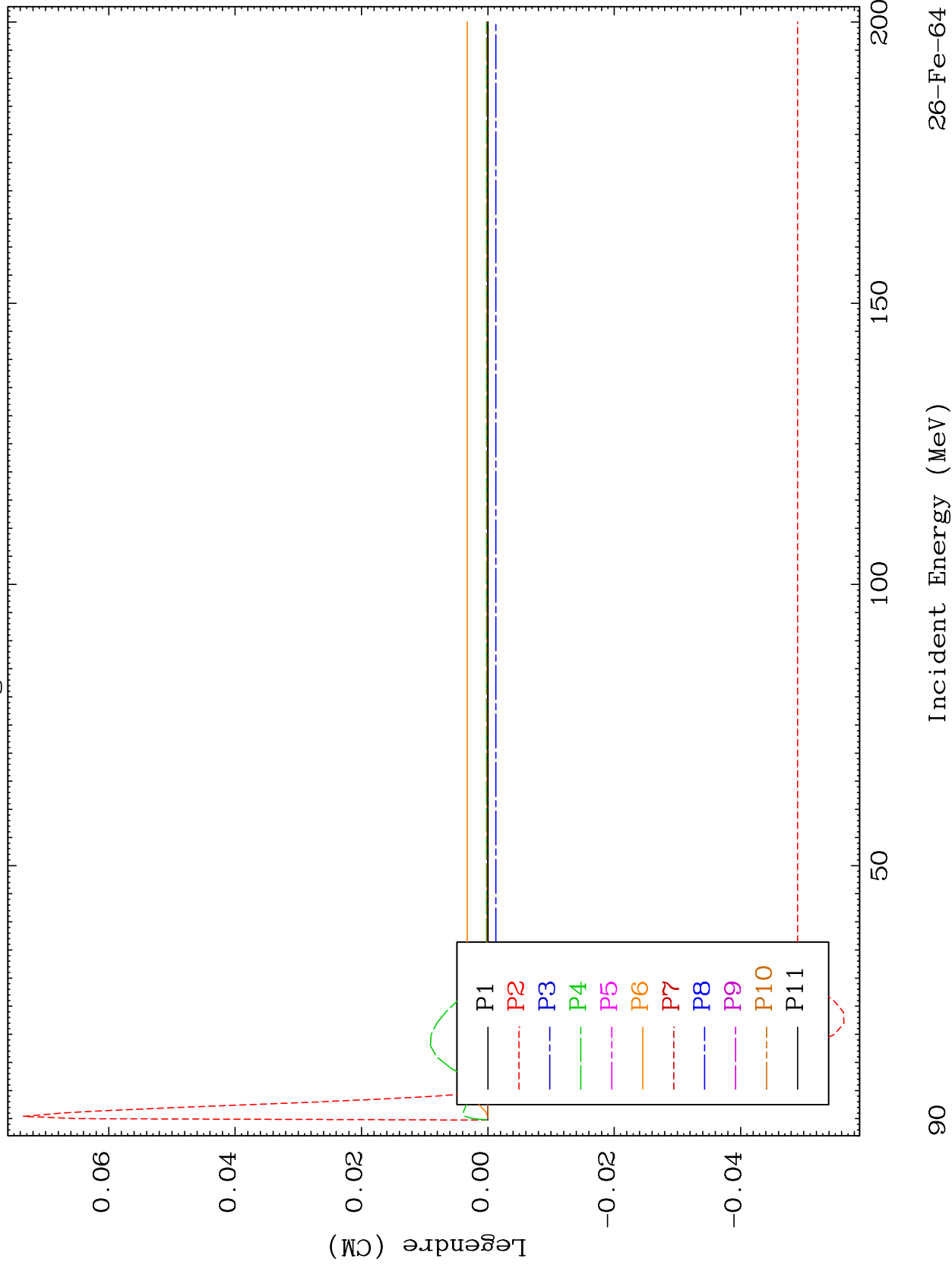




MAT 2655

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

26-Fe-64



90

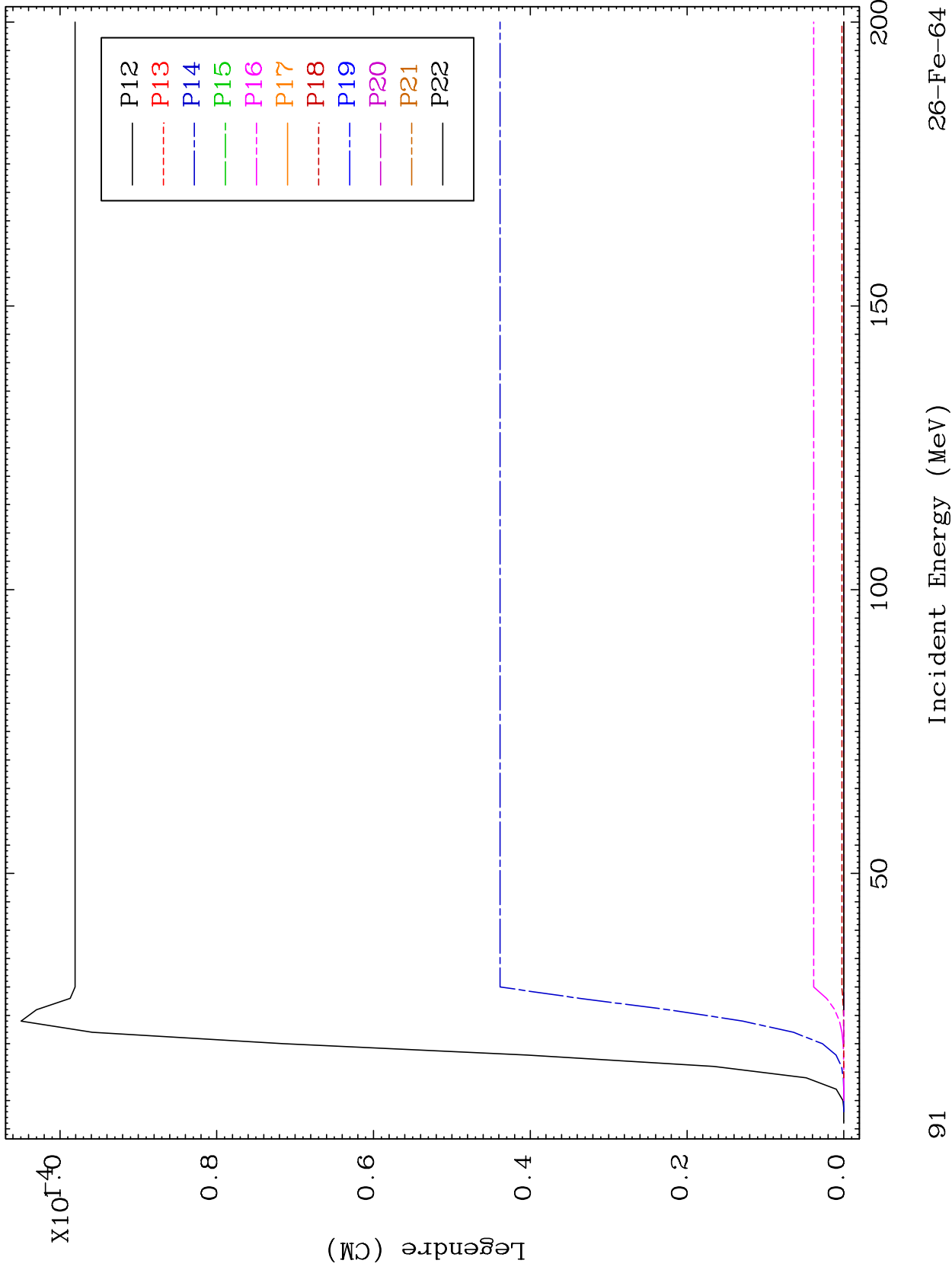
Incident Energy (MeV)

26-Fe-64

MAT 2655

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

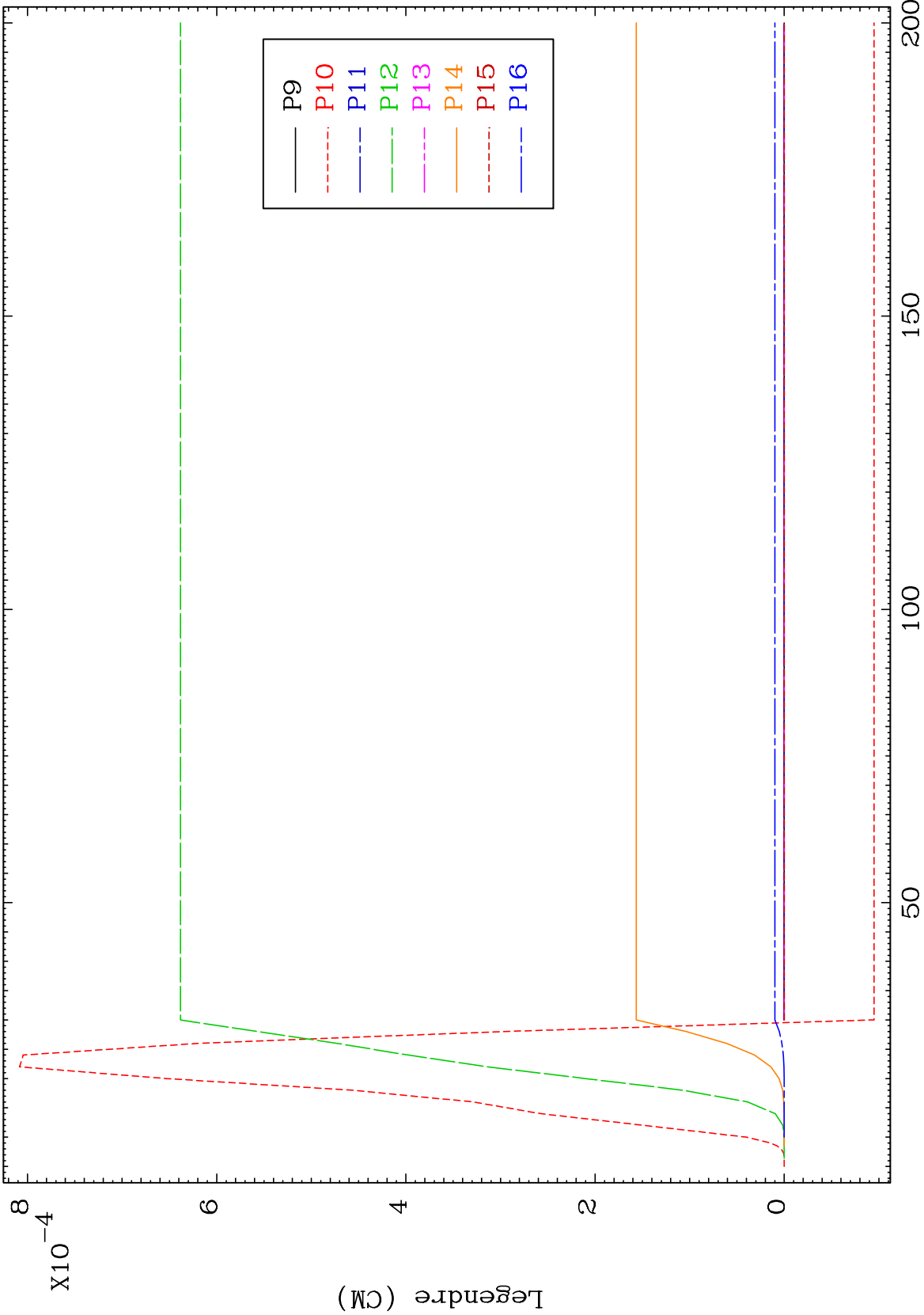
26-Fe-64



MAT 2655

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

26-Fe-64



93

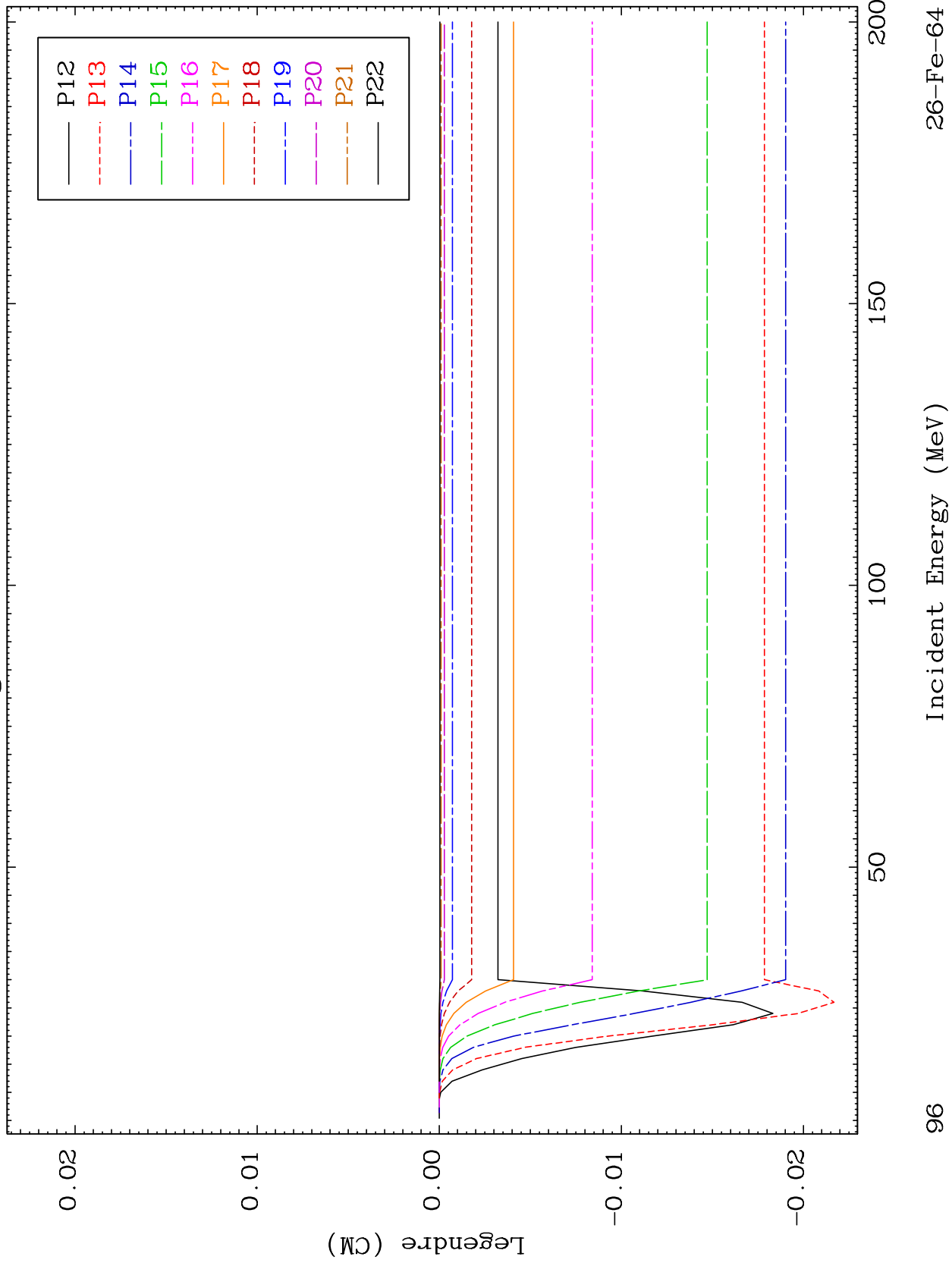
Incident Energy (MeV)

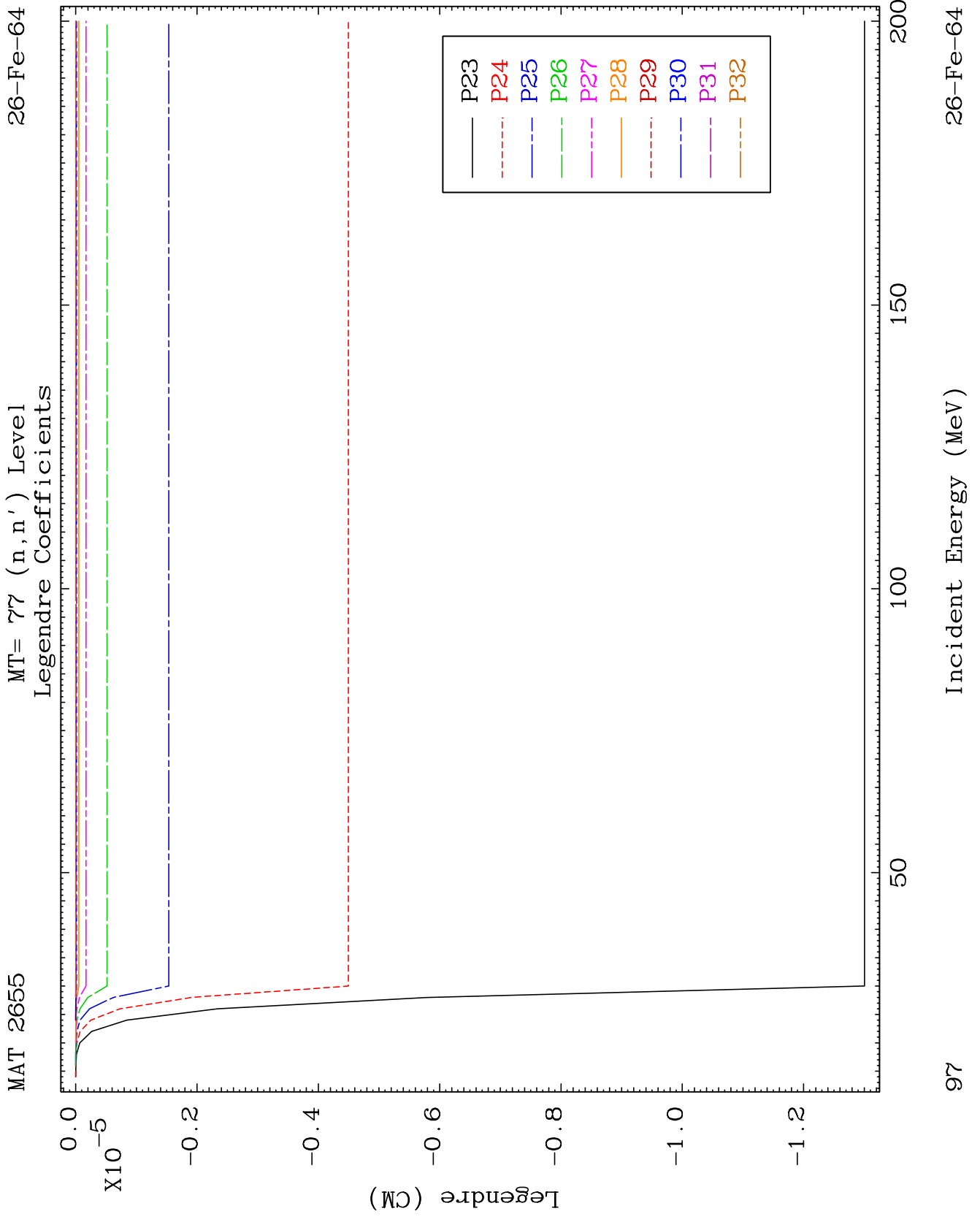
26-Fe-64

MAT 2655

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

26-Fe-64



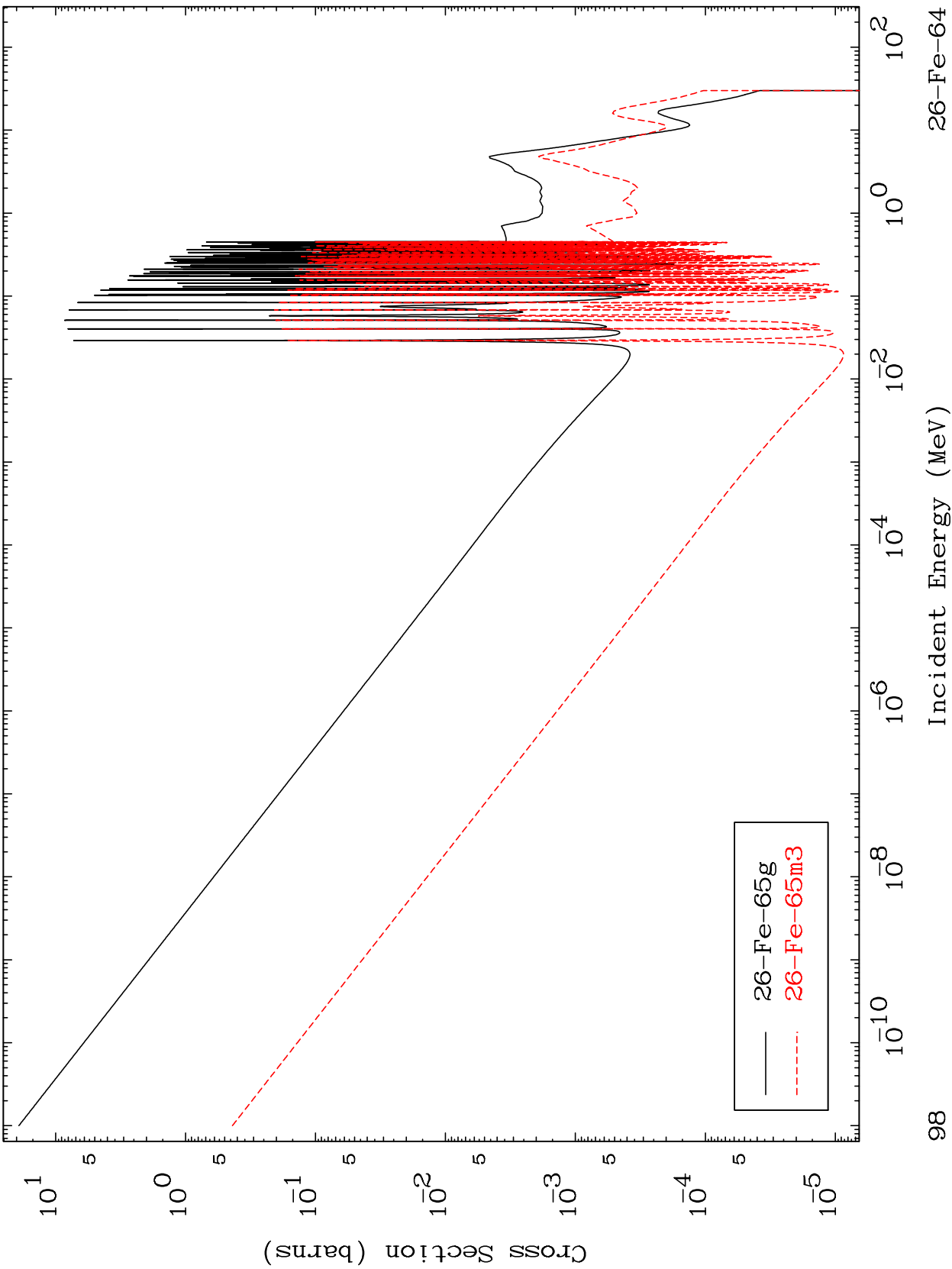


MAT 2655

(n, γ)

²⁶Fe-64

Radionuclide Production Cross Section



98

Incident Energy (MeV)

²⁶Fe-64