

Program EVALPLOT
(Version 2018-1)

by

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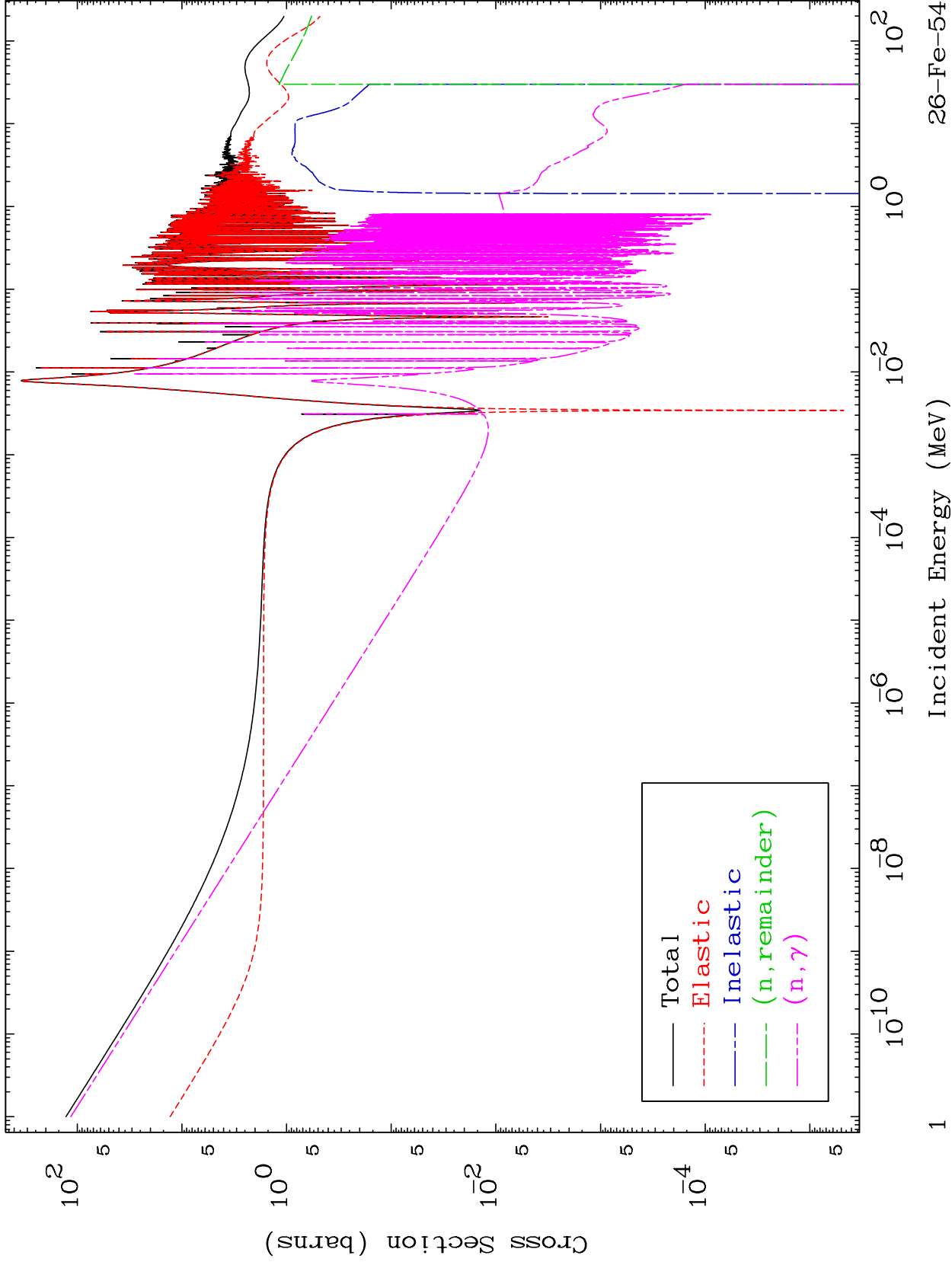
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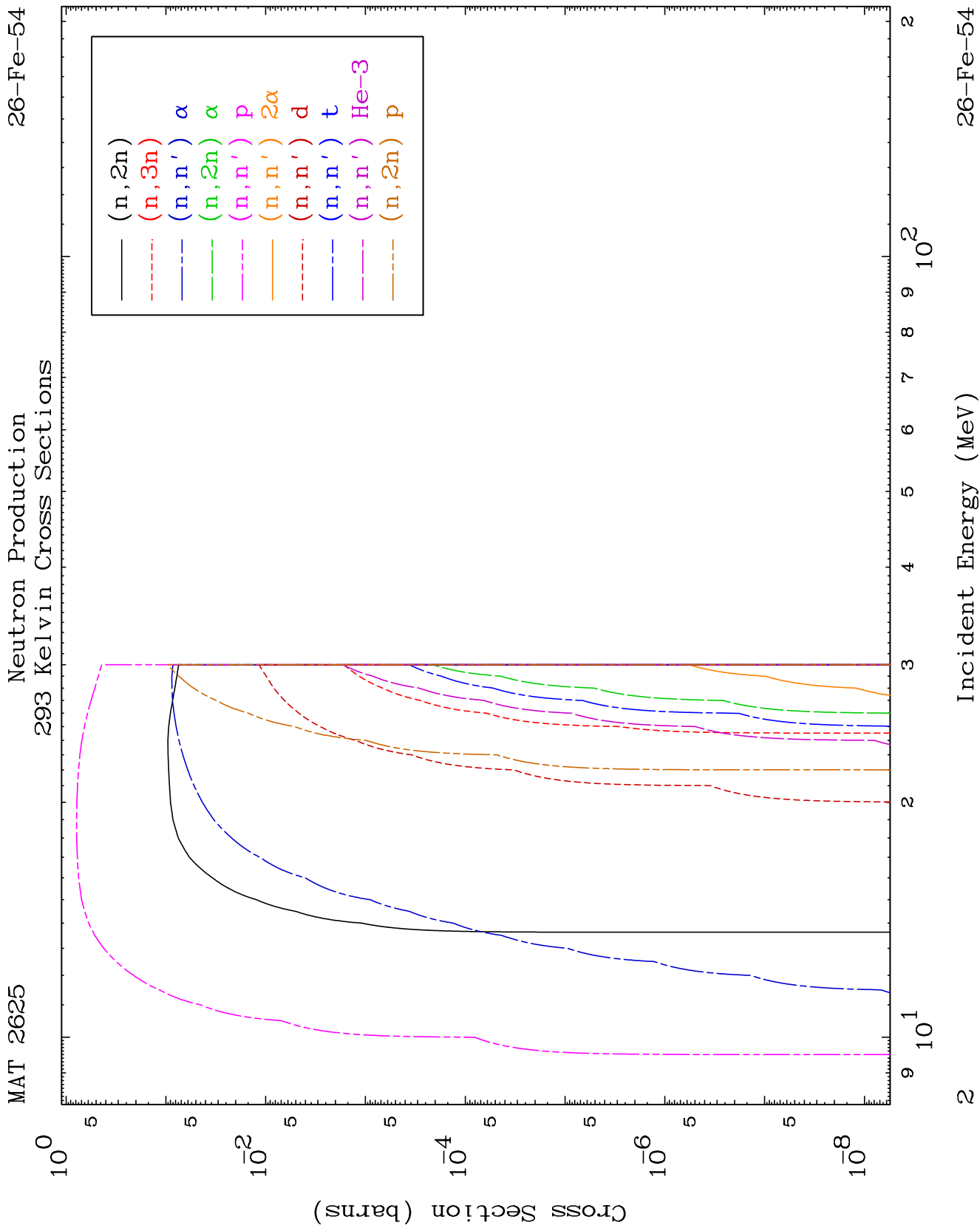
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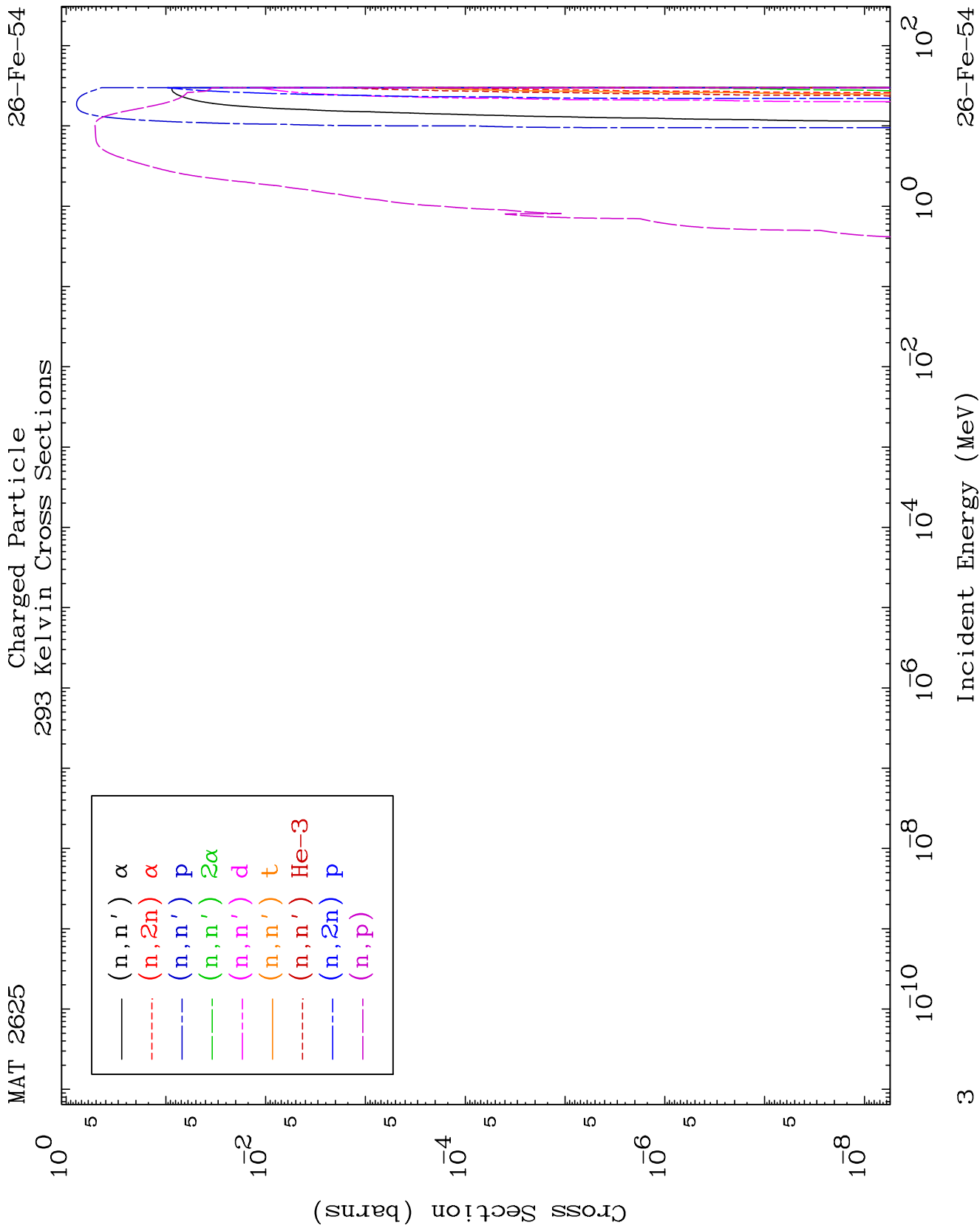
MAT 2625

Major
293 Kelvin Cross Sections

26-Fe-54



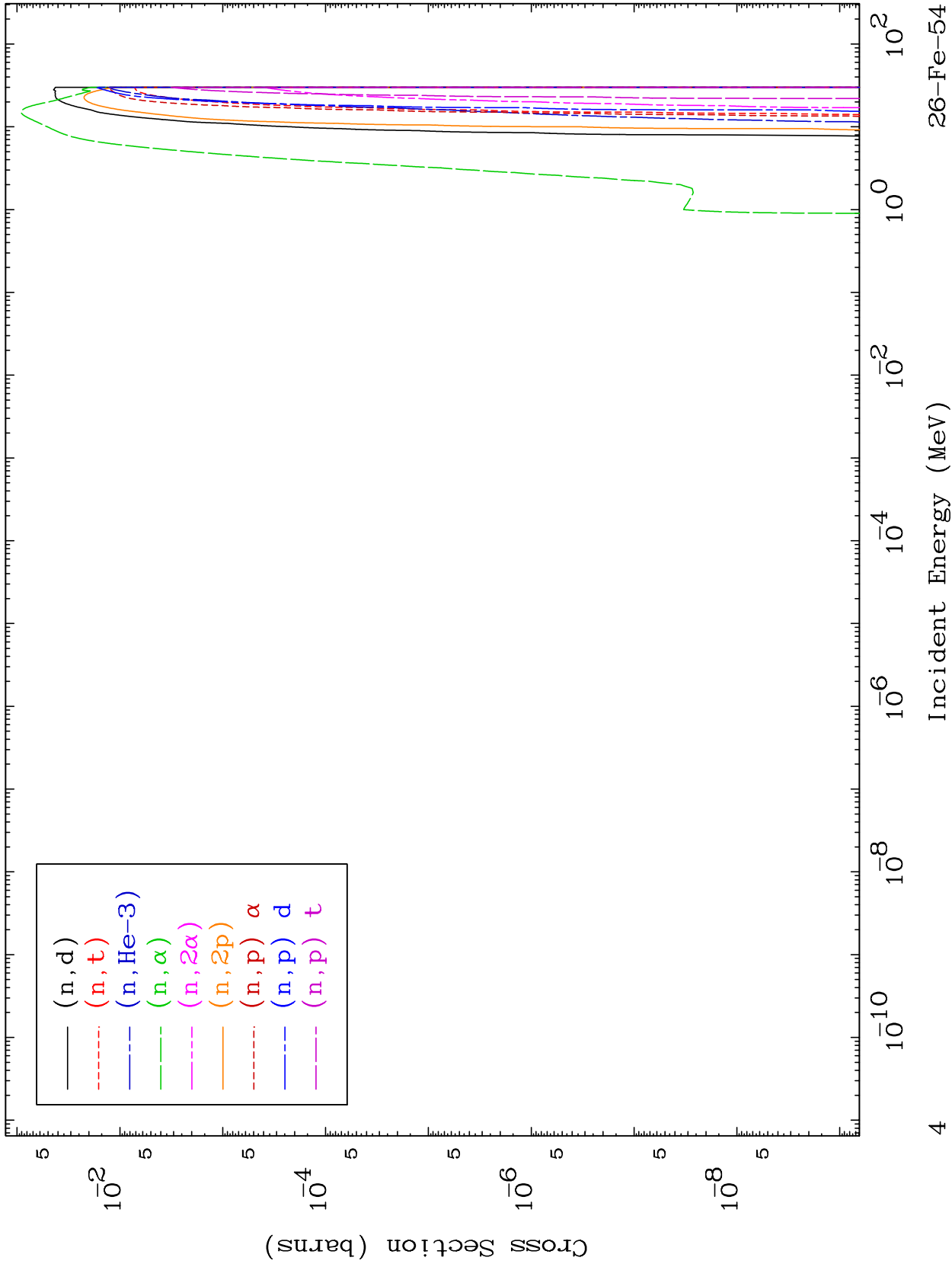




MAT 2625

Charged Particle
293 Kelvin Cross Sections

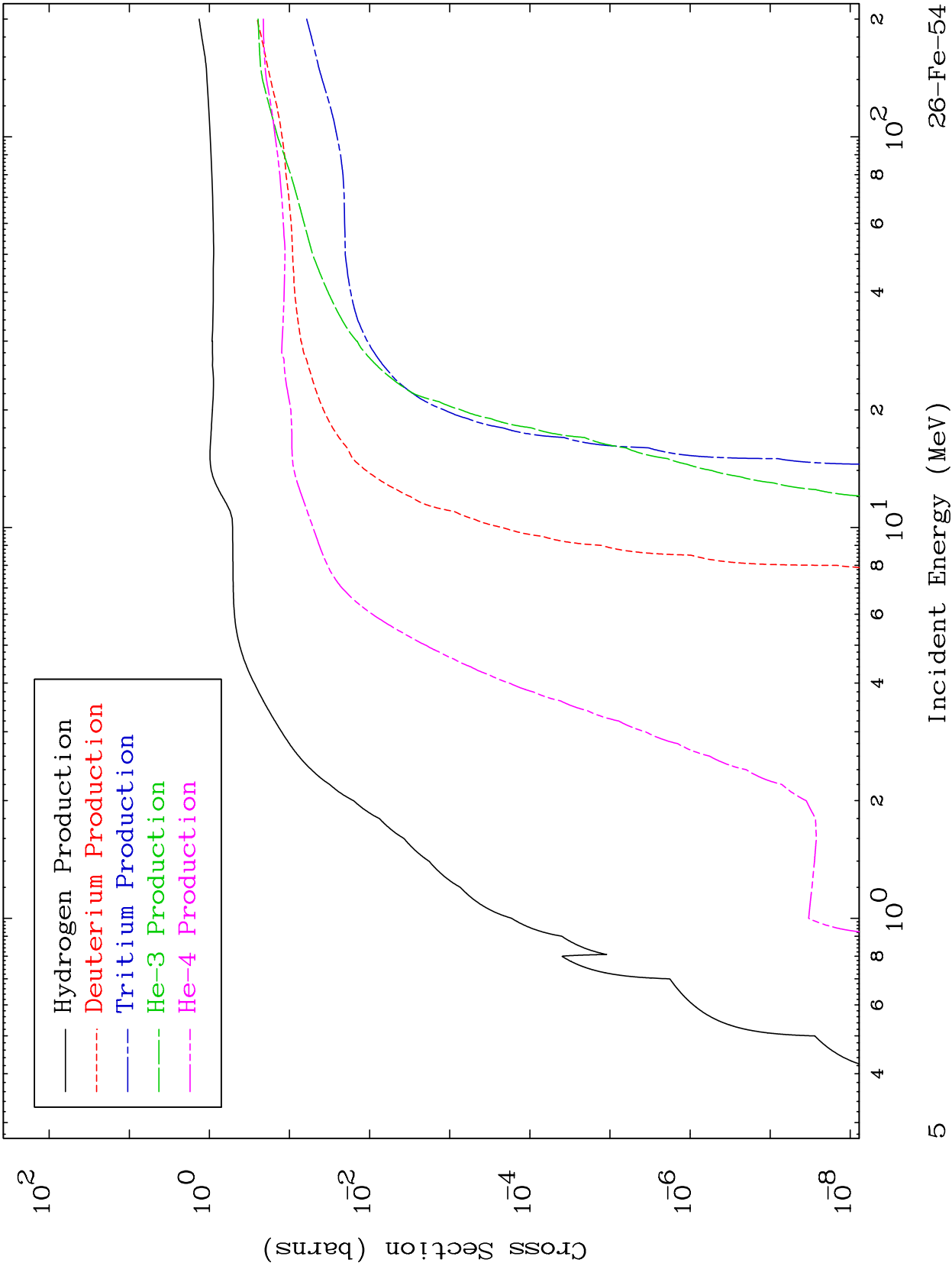
26-Fe-54



MAT 2625

Particle Production
293 Kelvin Cross Sections

26-Fe-54



5

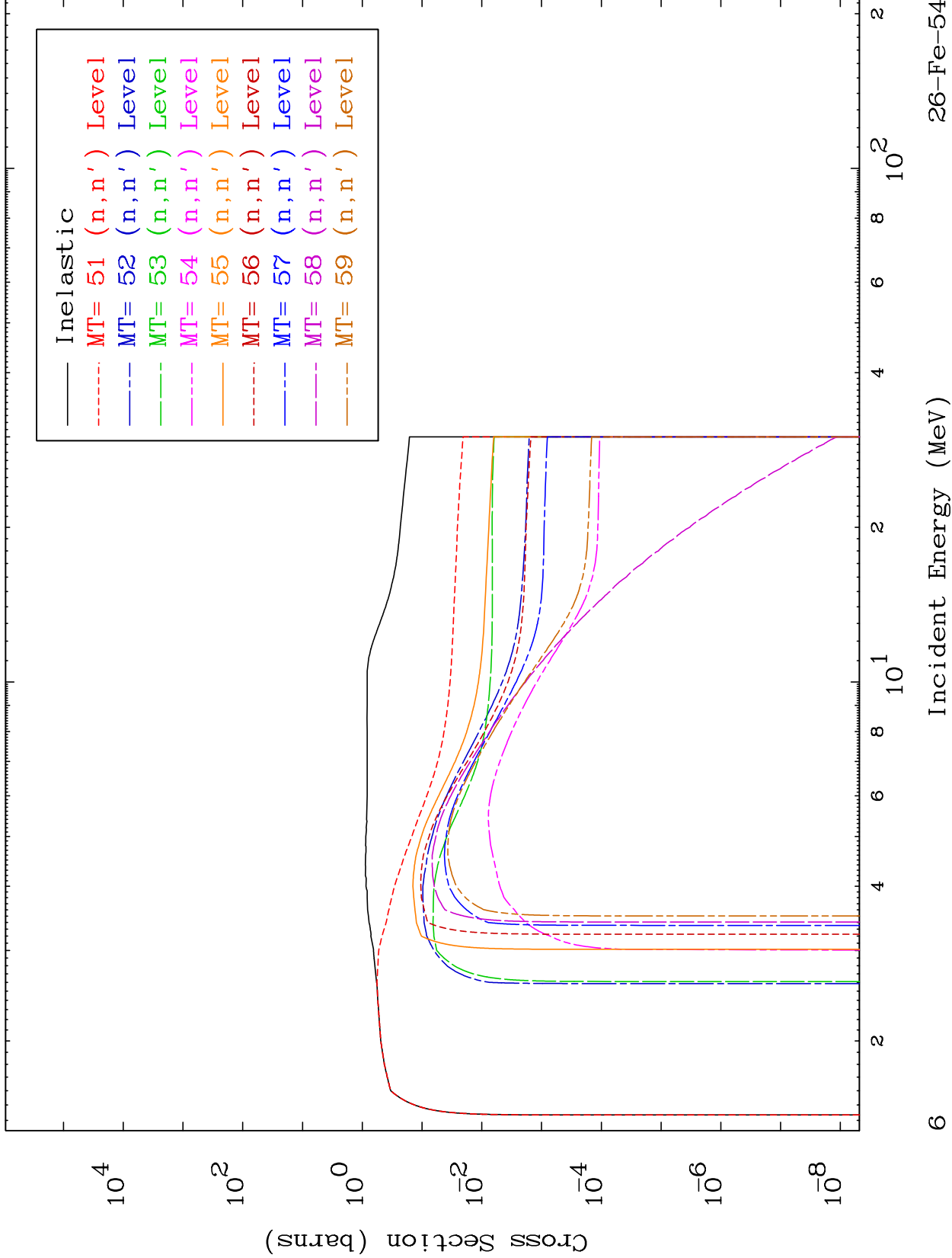
26-Fe-54

MAT 2625

(n,n') Level

26-Fe-54

293 Kelvin Cross Sections



6

Incident Energy (MeV)

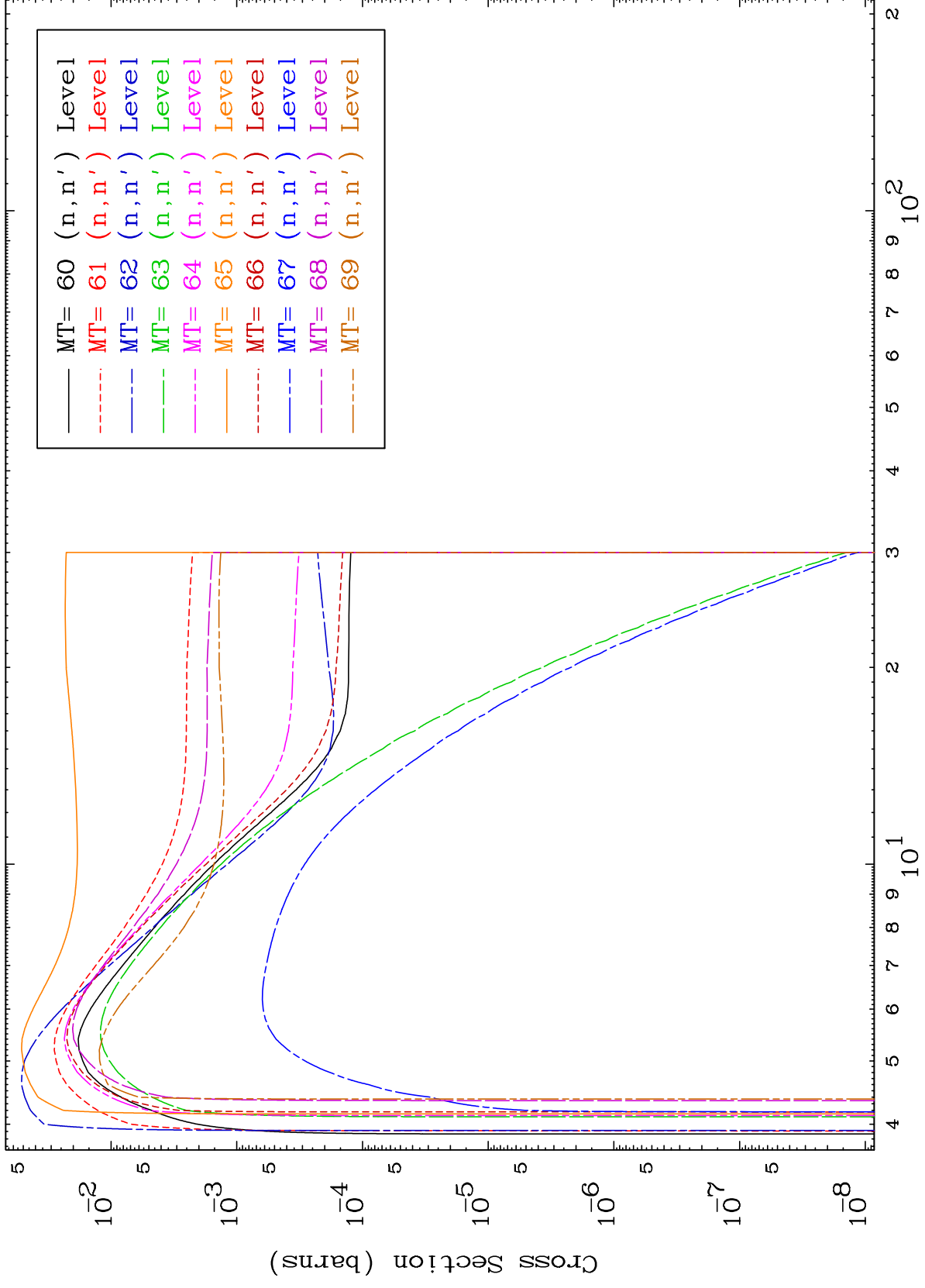
26-Fe-54

MAT 2625

(n,n') Level

26-Fe-54

293 Kelvin Cross Sections



7

Incident Energy (MeV)

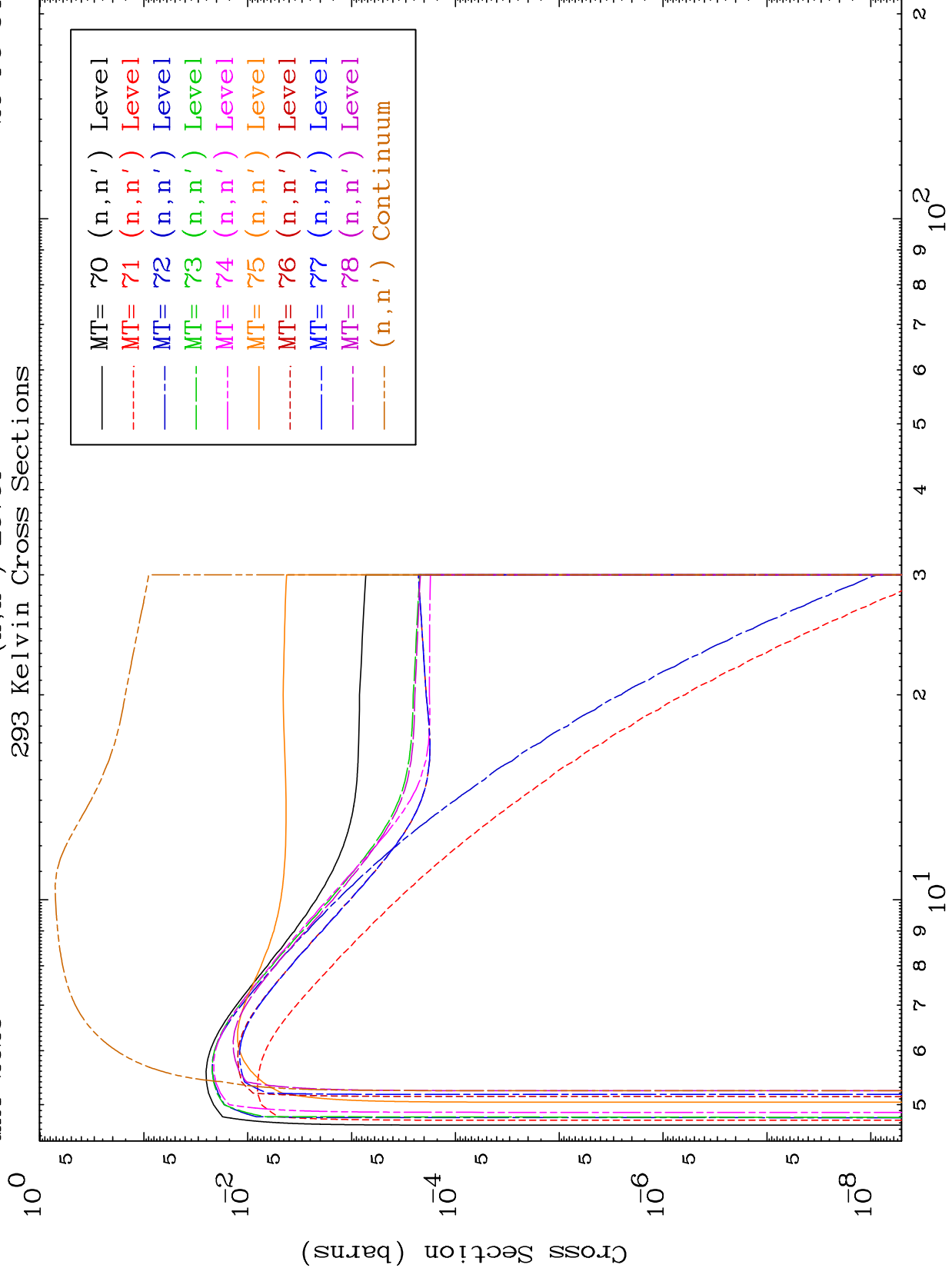
26-Fe-54

MAT 2625

(n,n') Level

293 Kelvin Cross Sections

26-Fe-54



8

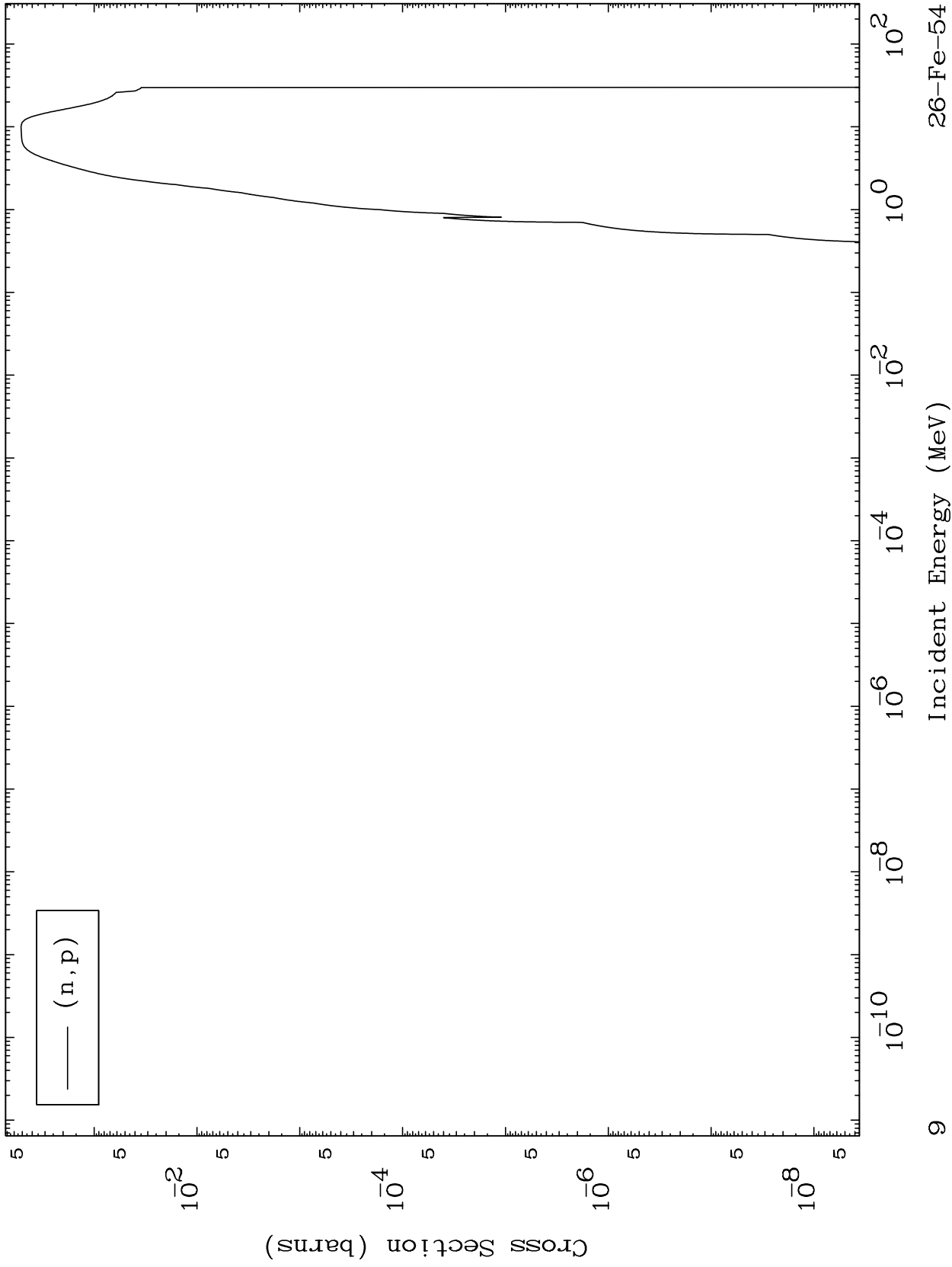
Incident Energy (MeV)

26-Fe-54

MAT 2625

(n,p) Levels
293 Kelvin Cross Sections

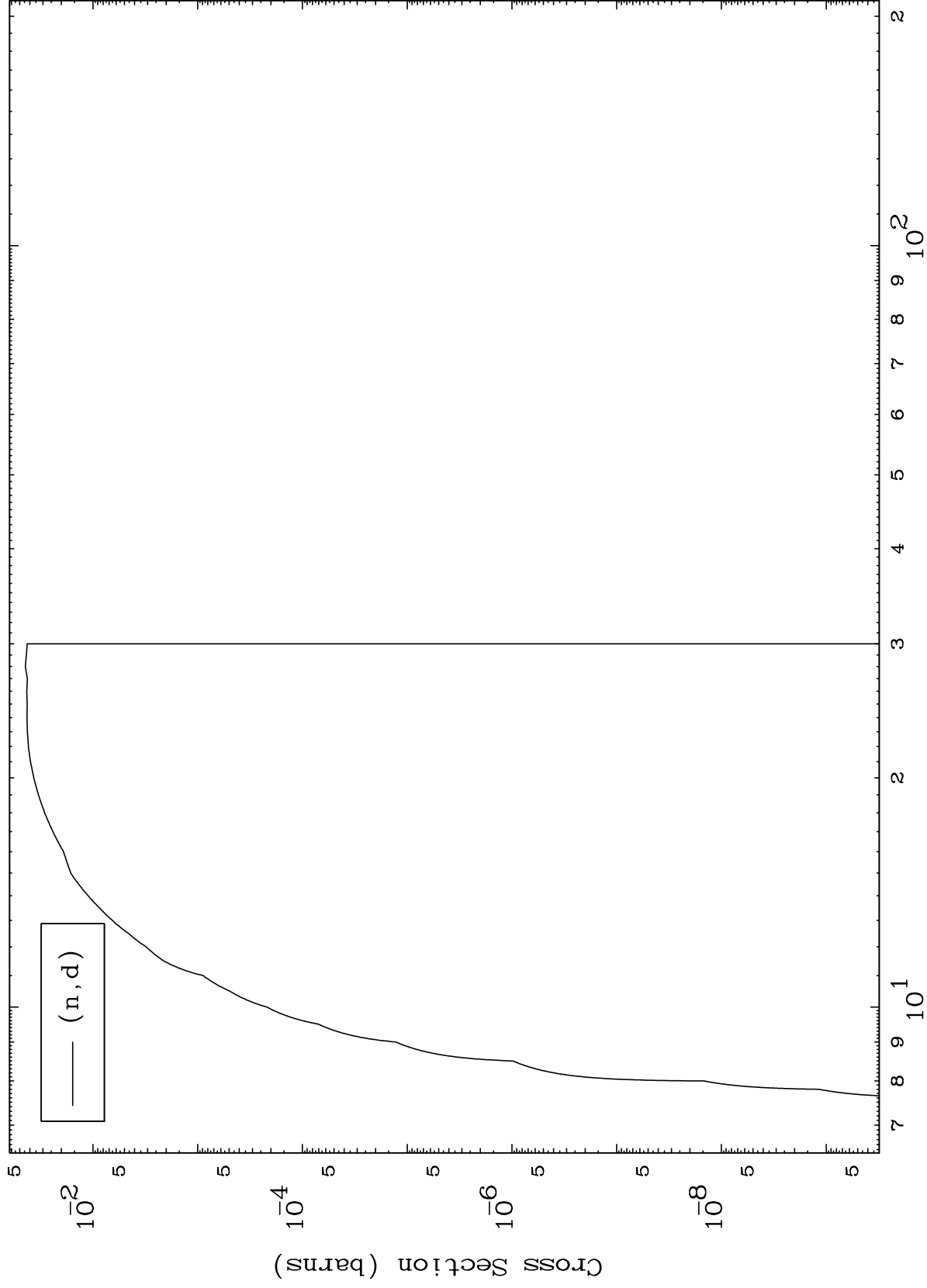
26-Fe-54



MAT 2625

(n,d) Levels
293 Kelvin Cross Sections

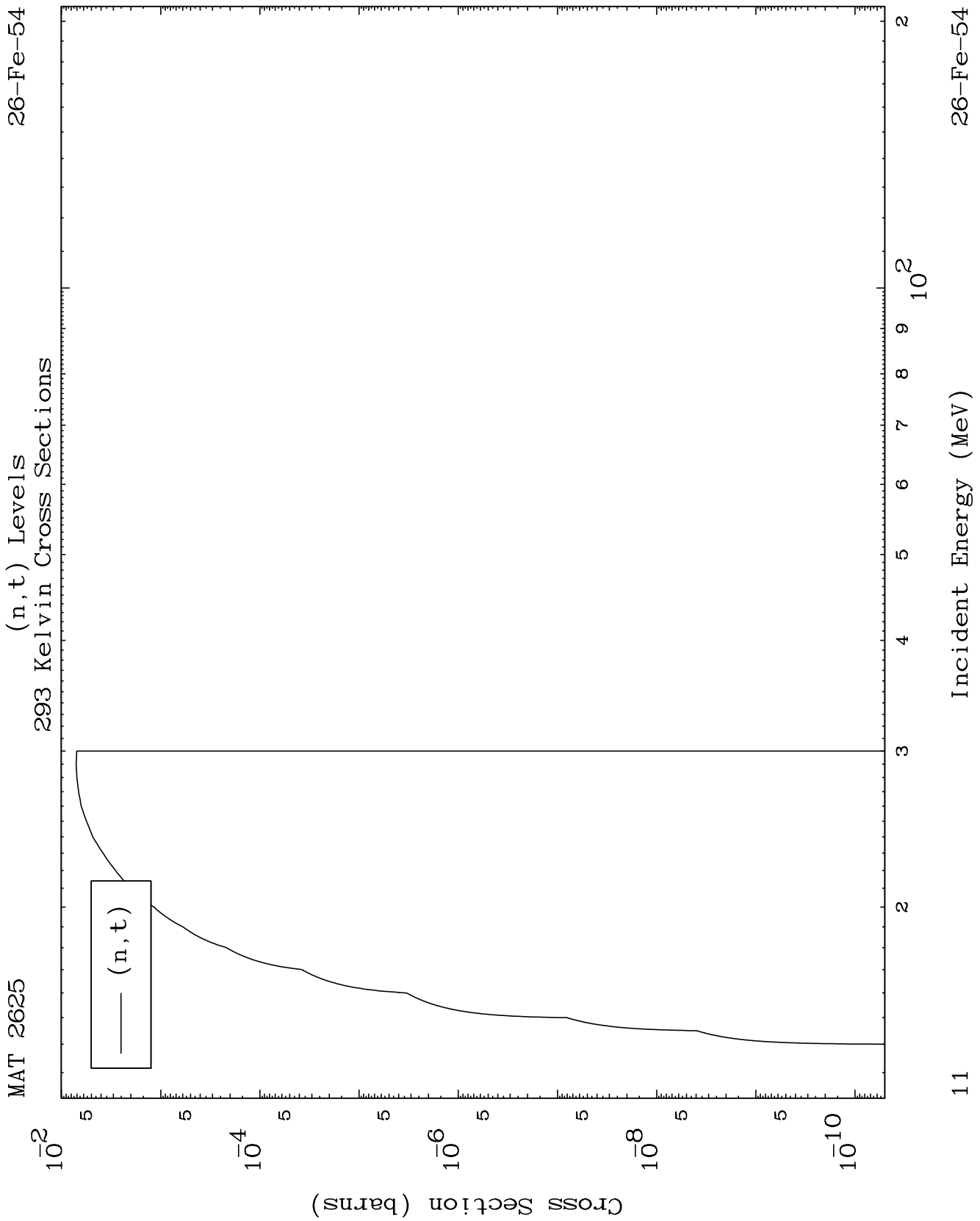
26-Fe-54



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Incident Energy (MeV)

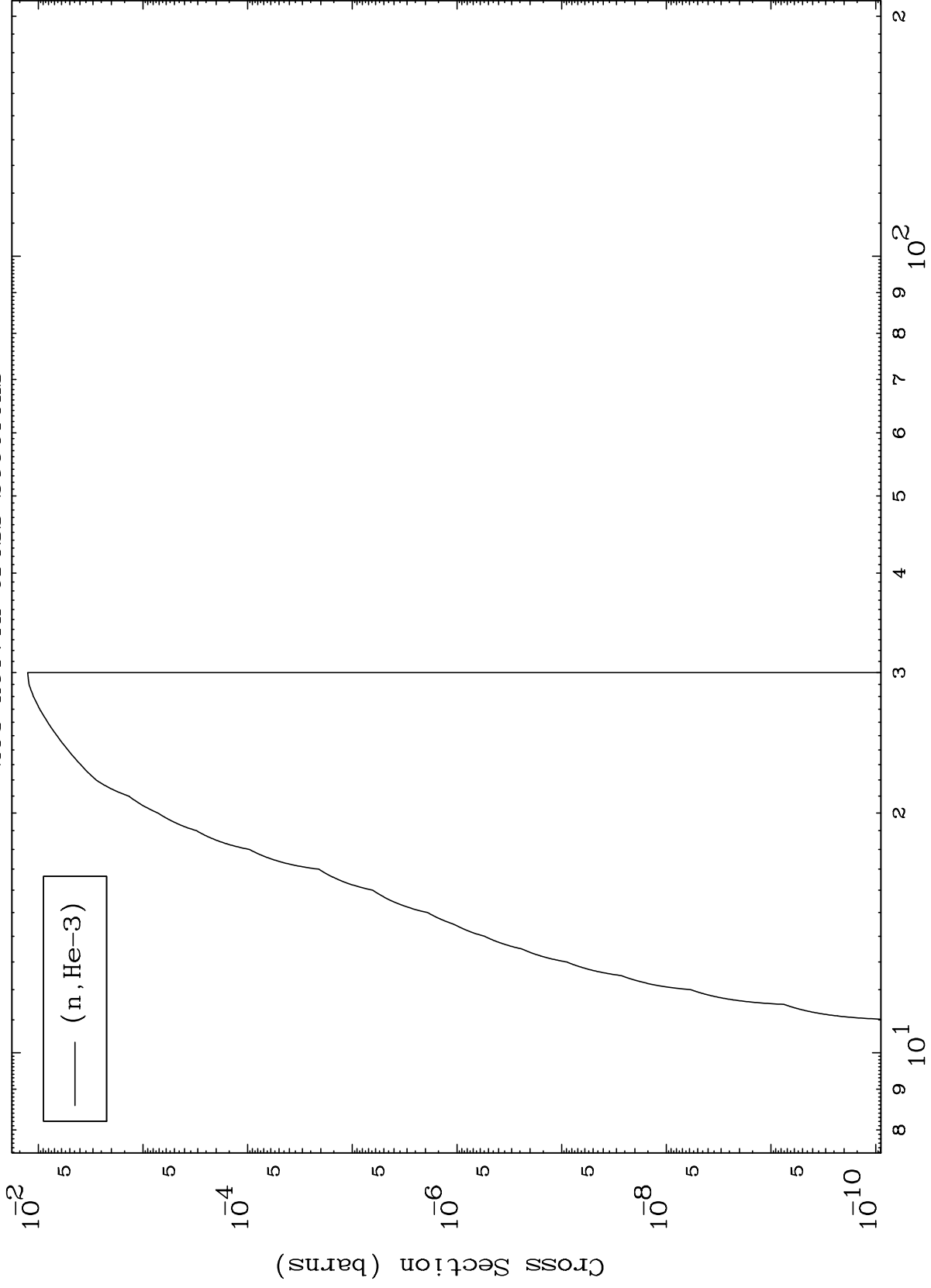
26-Fe-54



MAT 2625

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-54



12

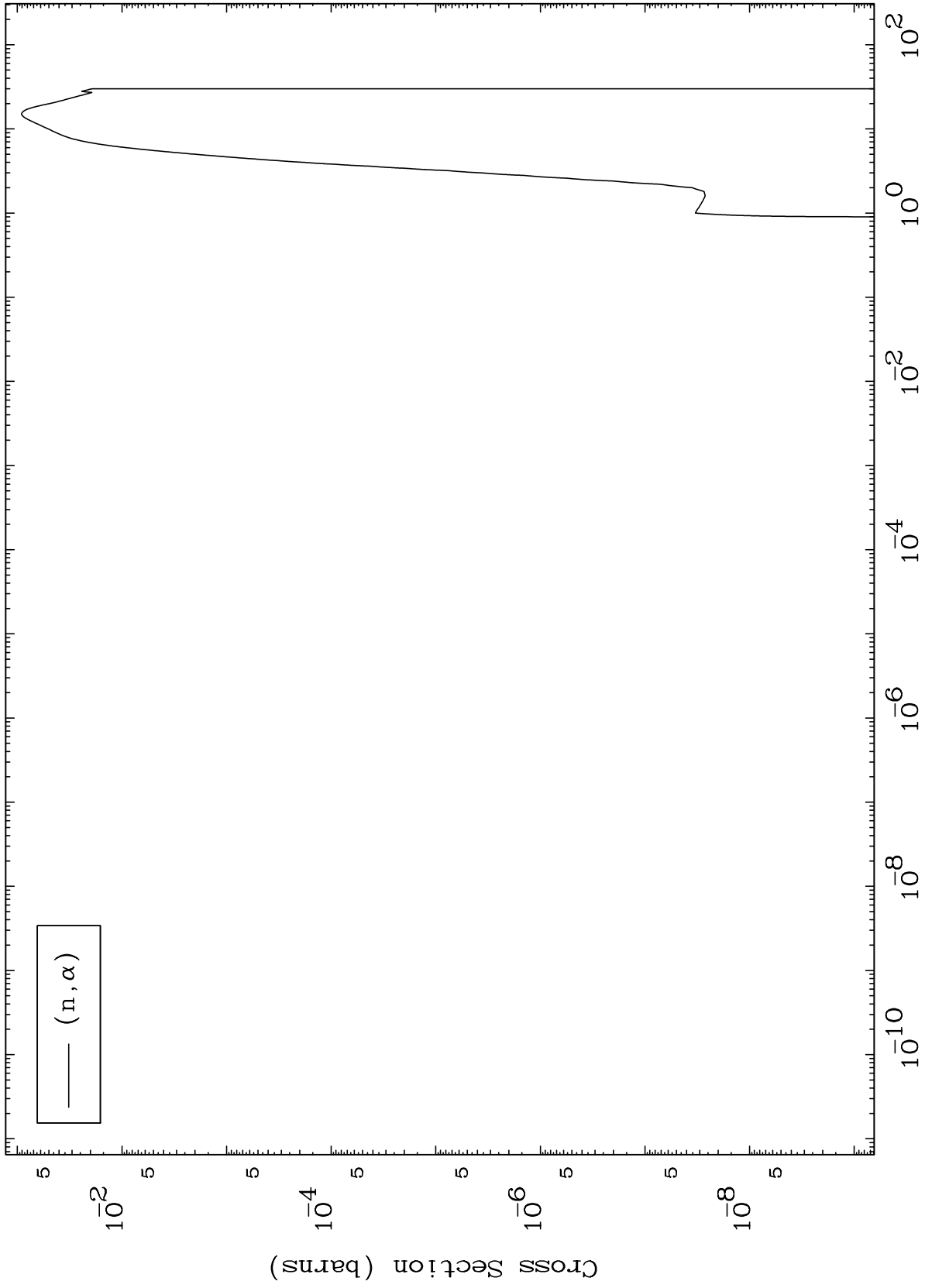
Incident Energy (MeV)

26-Fe-54

MAT 2625

(n, α) Levels
293 Kelvin Cross Sections

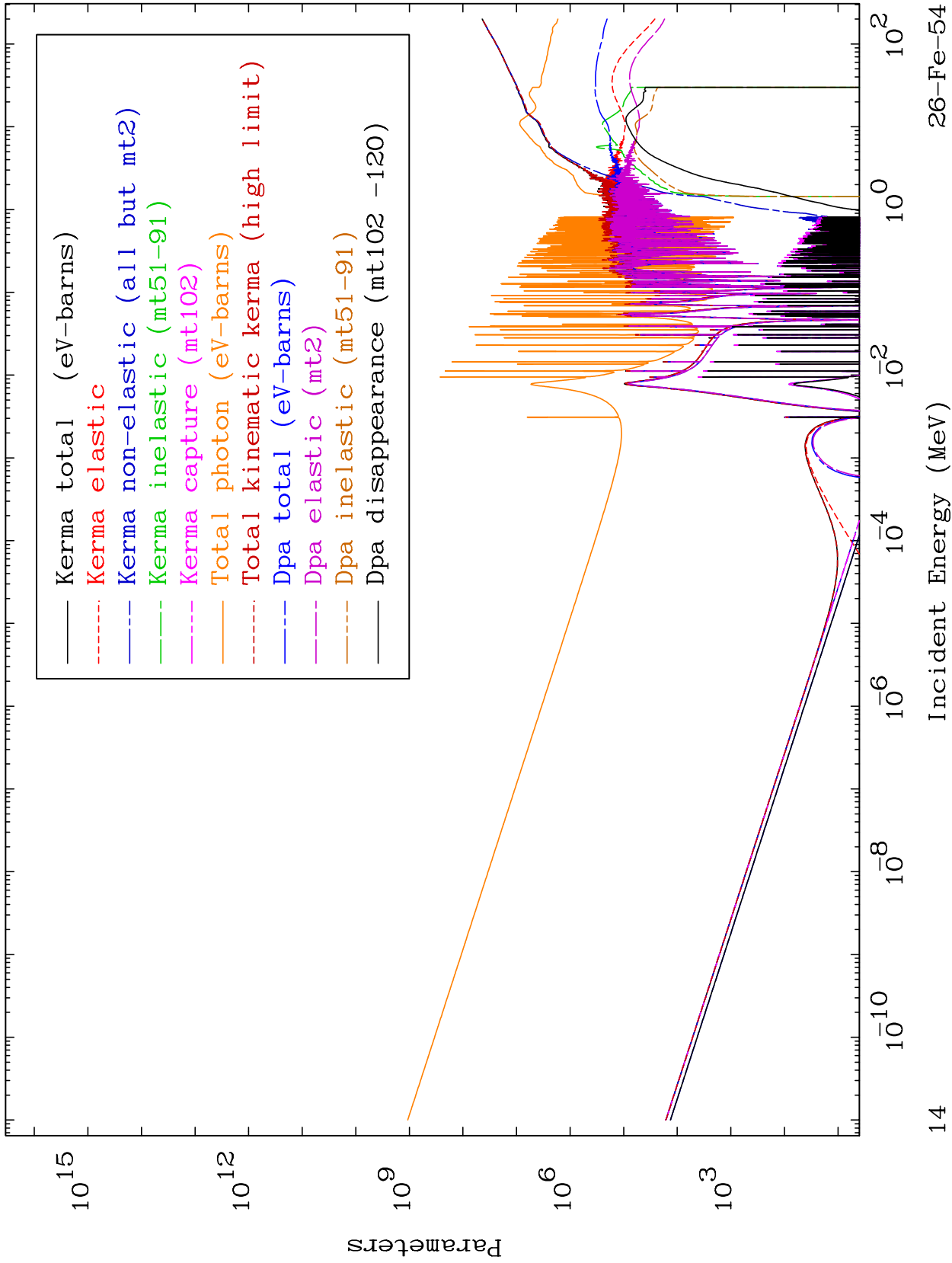
26-Fe-54



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Incident Energy (MeV)

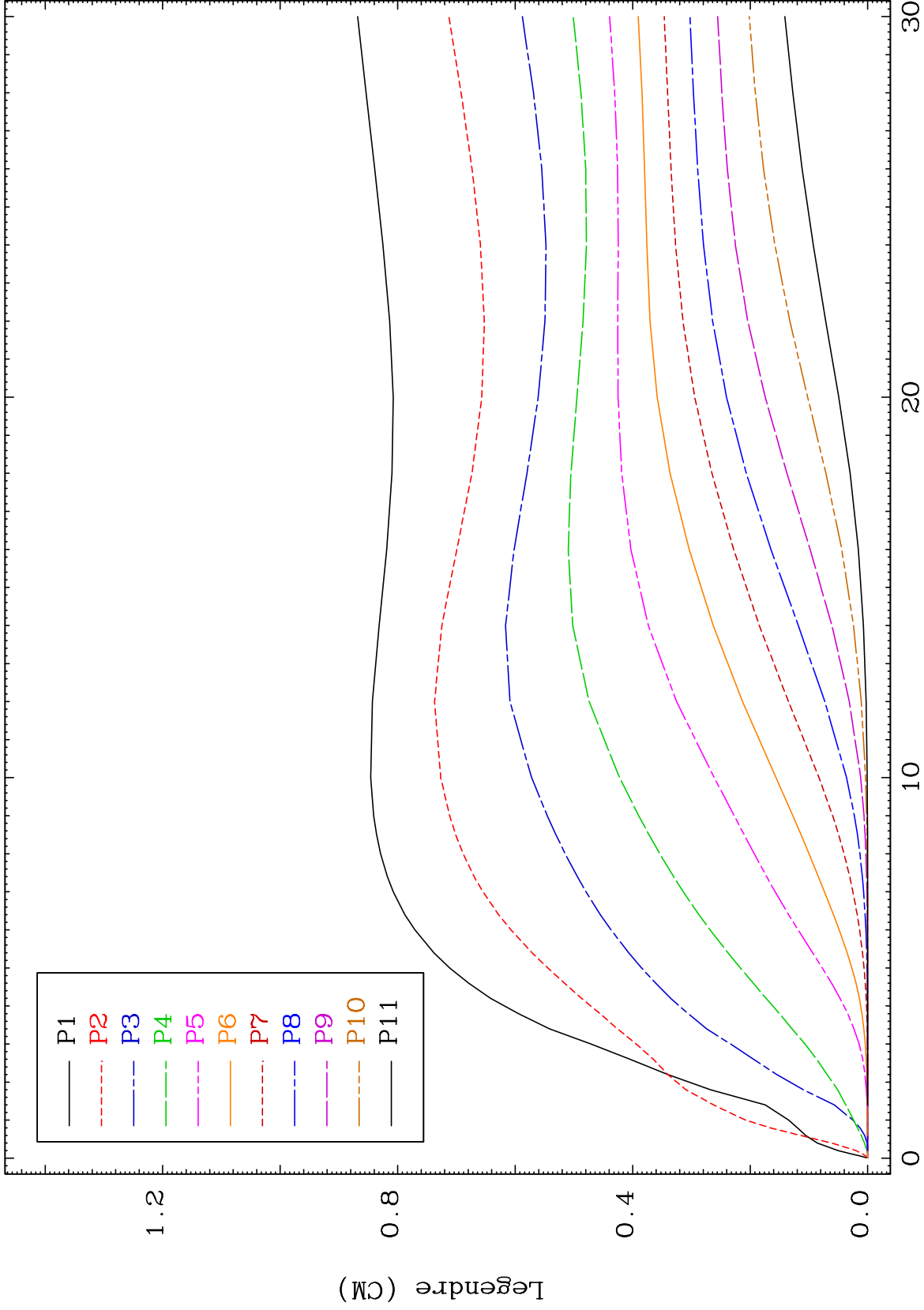
26-Fe-54



MAT 2625

Elastic Legendre Coefficients

²⁶Fe-54



15

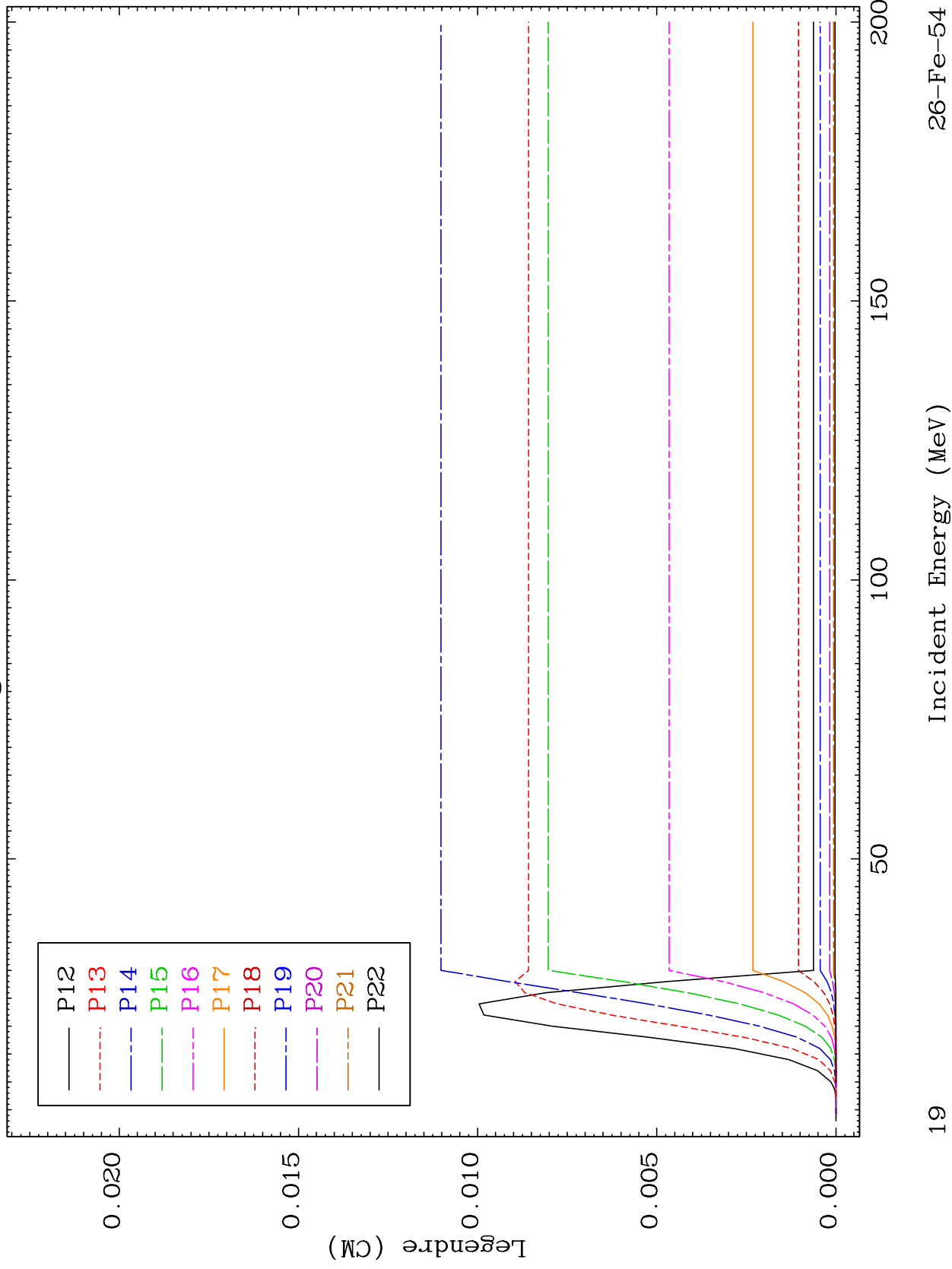
Incident Energy (MeV)

²⁶Fe-54

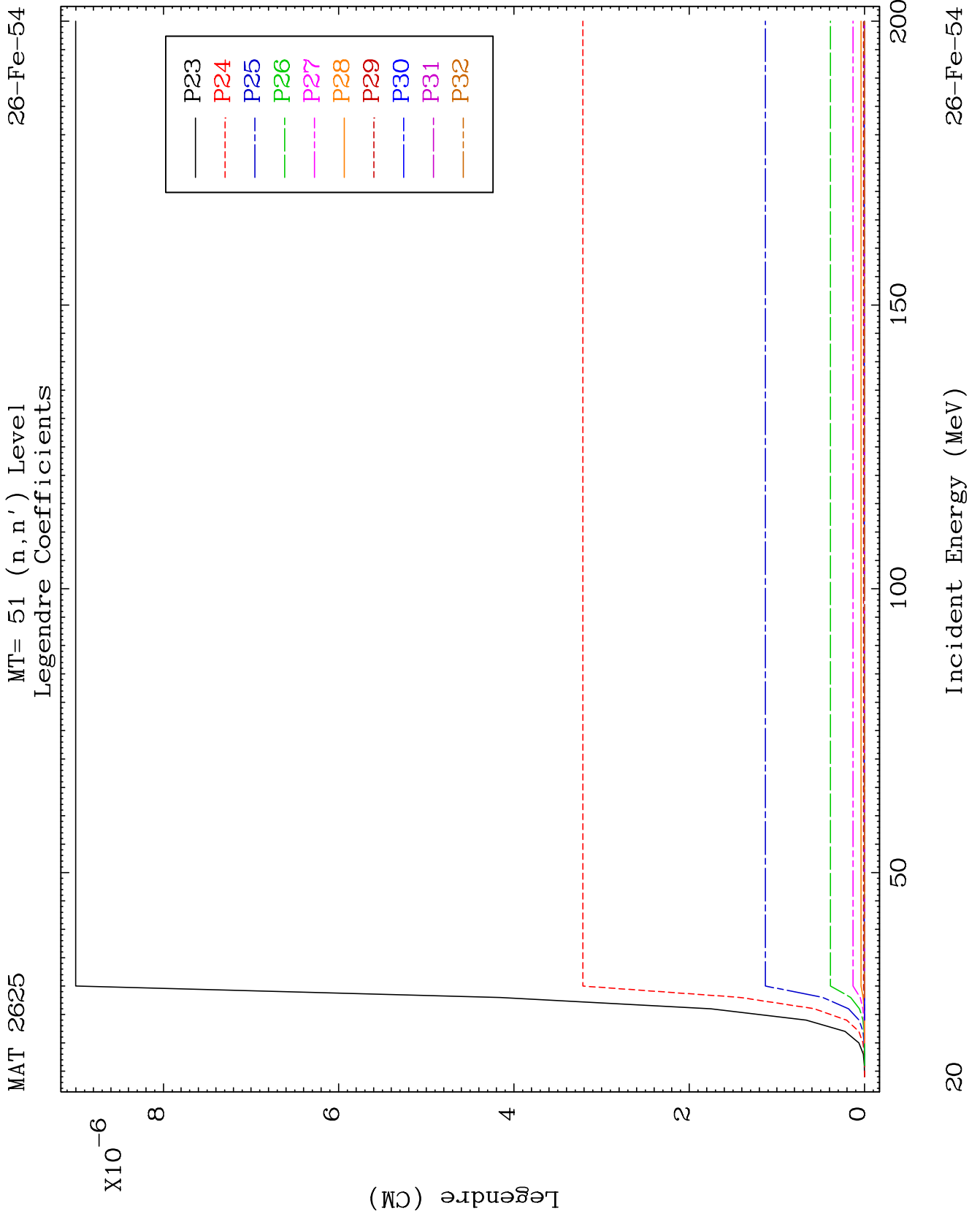
MAT 2625

MT= 51 (n,n') Level
Legendre Coefficients

26-Fe-54



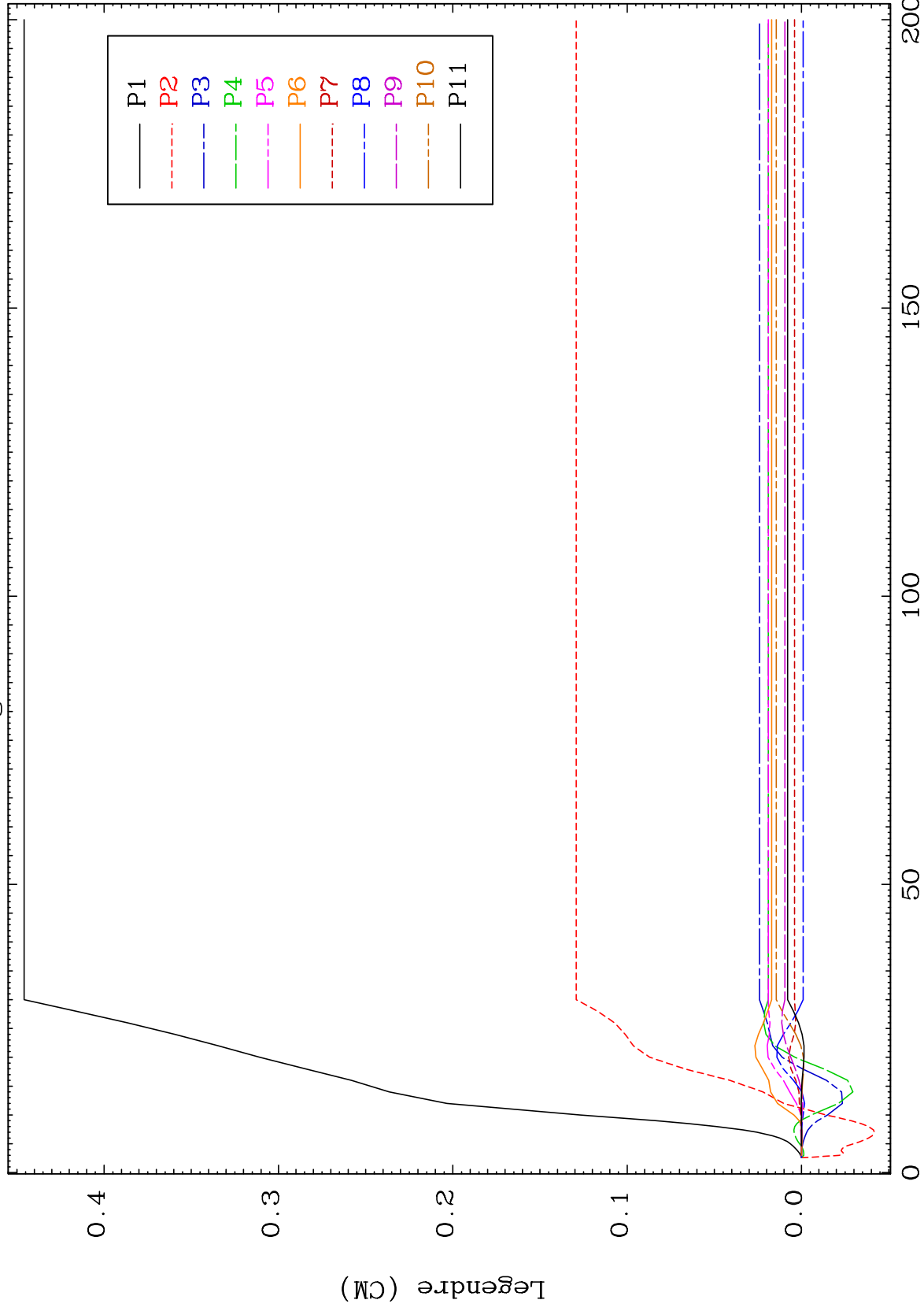
19



MAT 2625

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

26-Fe-54



21

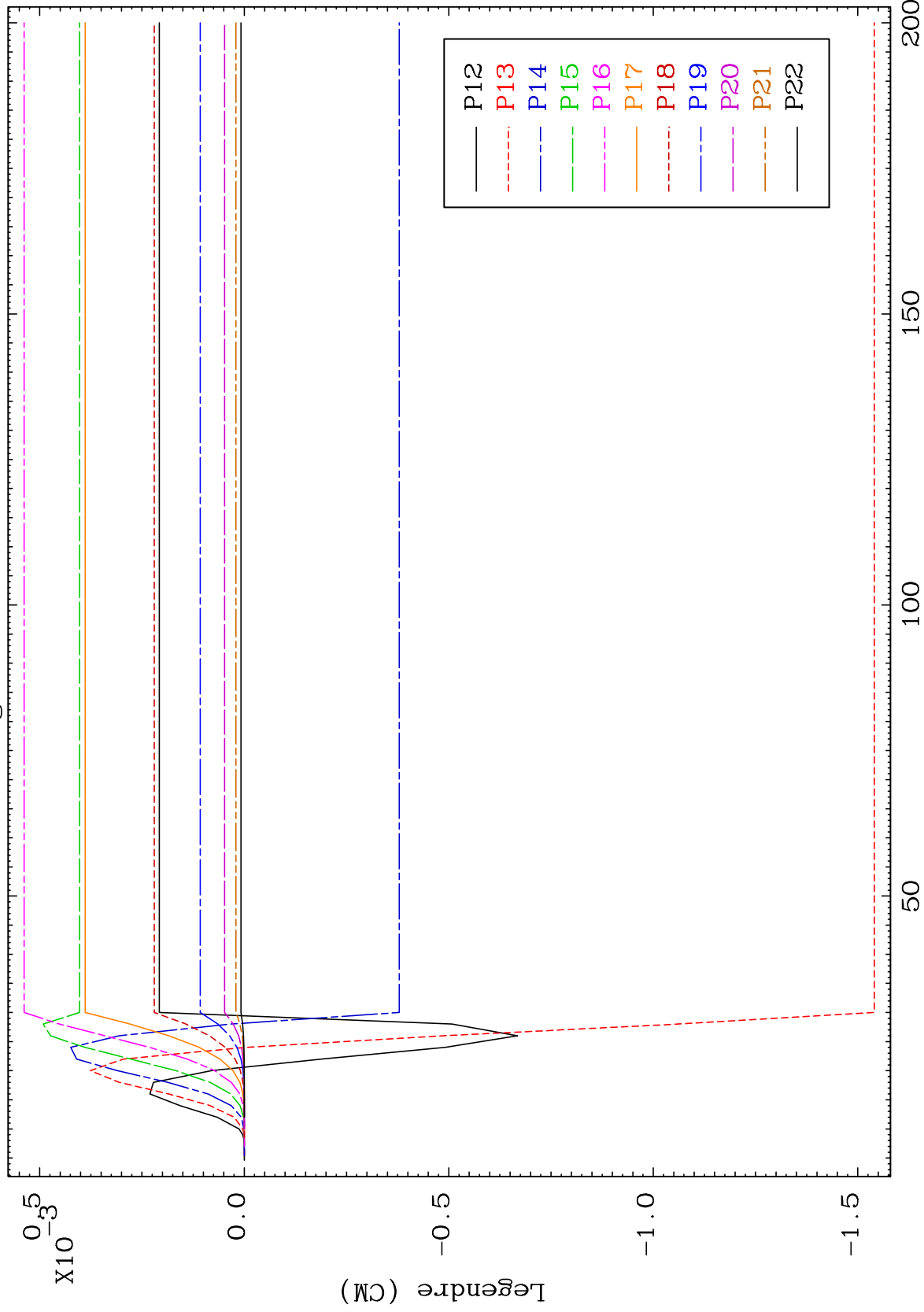
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

26-Fe-54



22

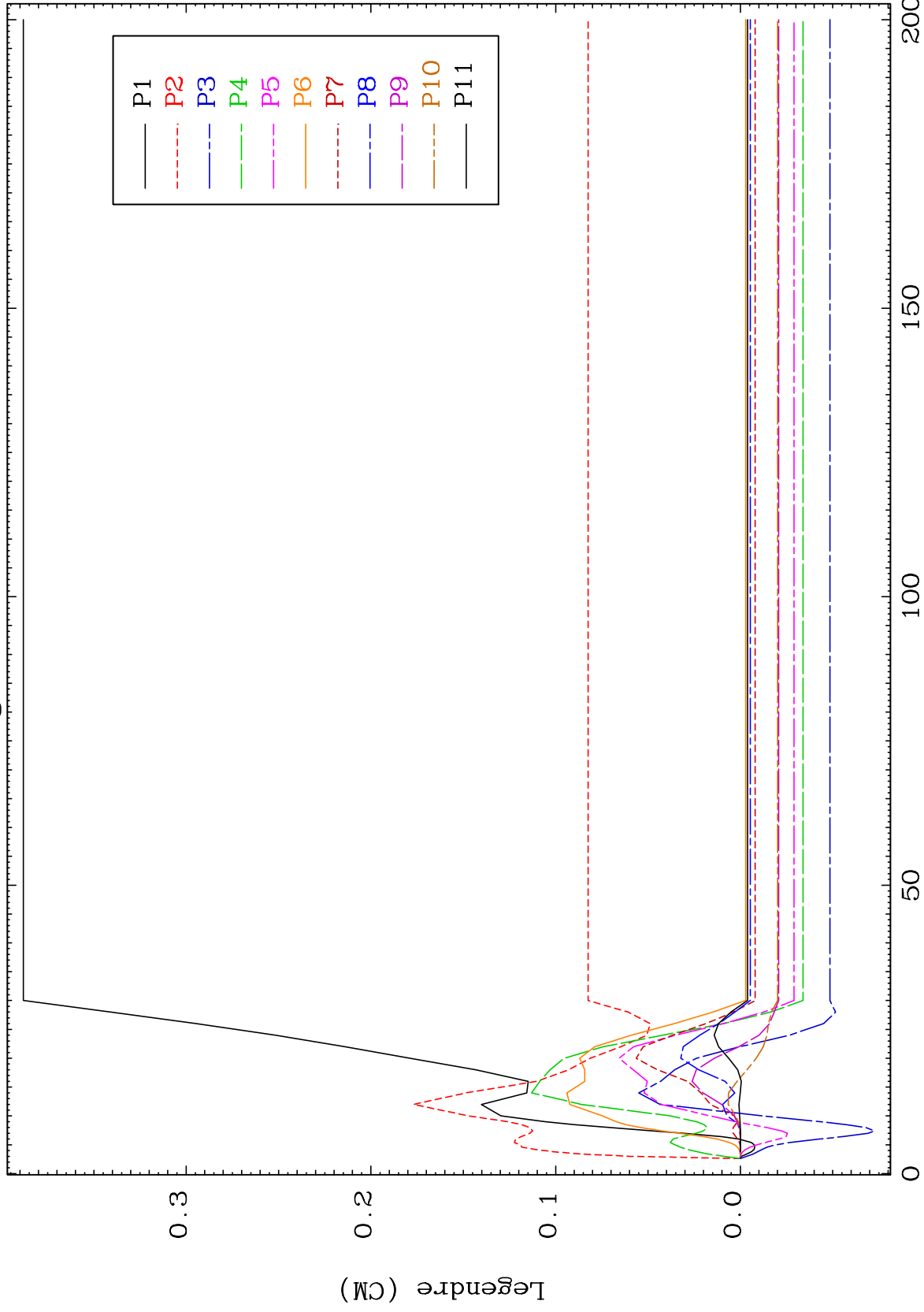
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

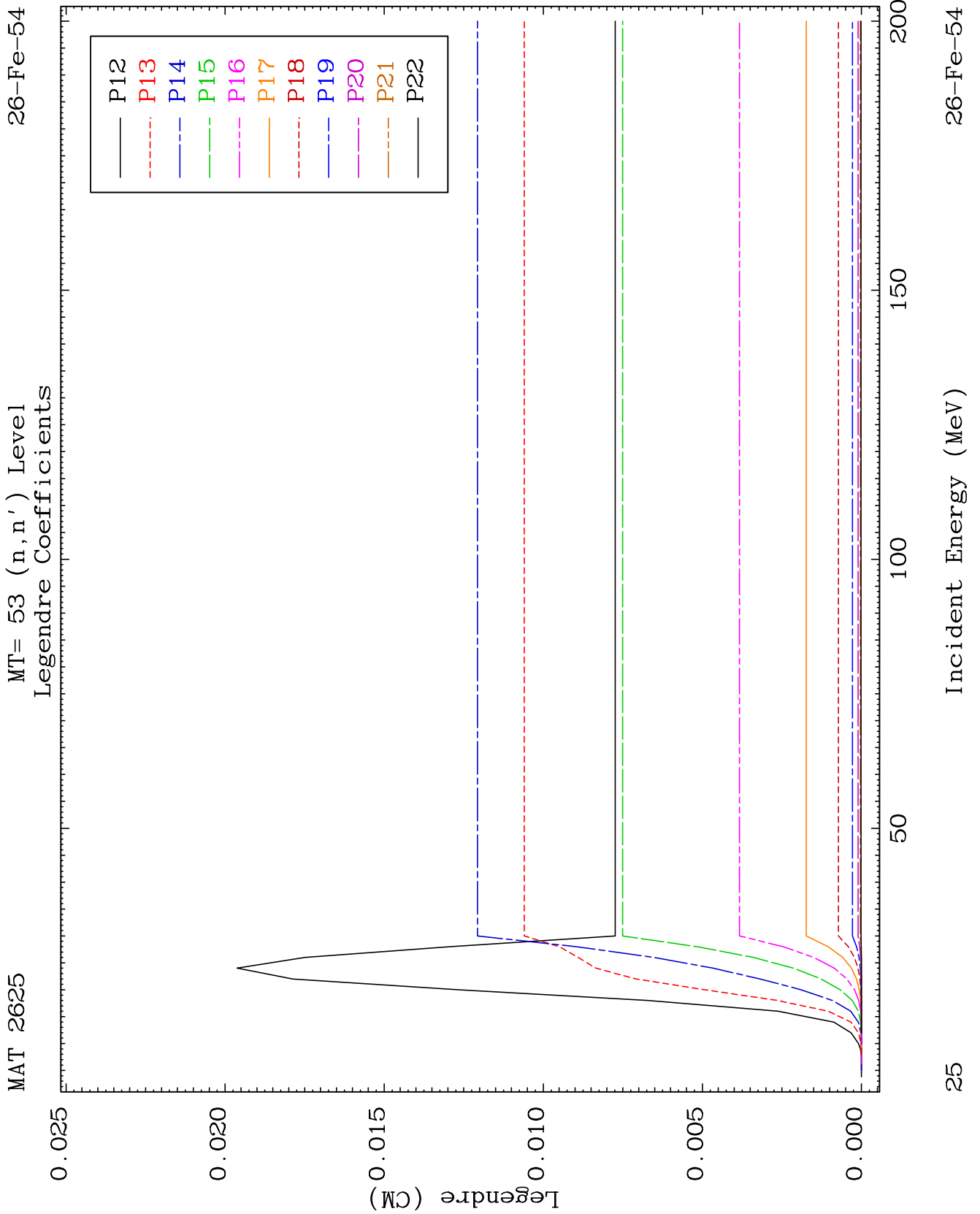
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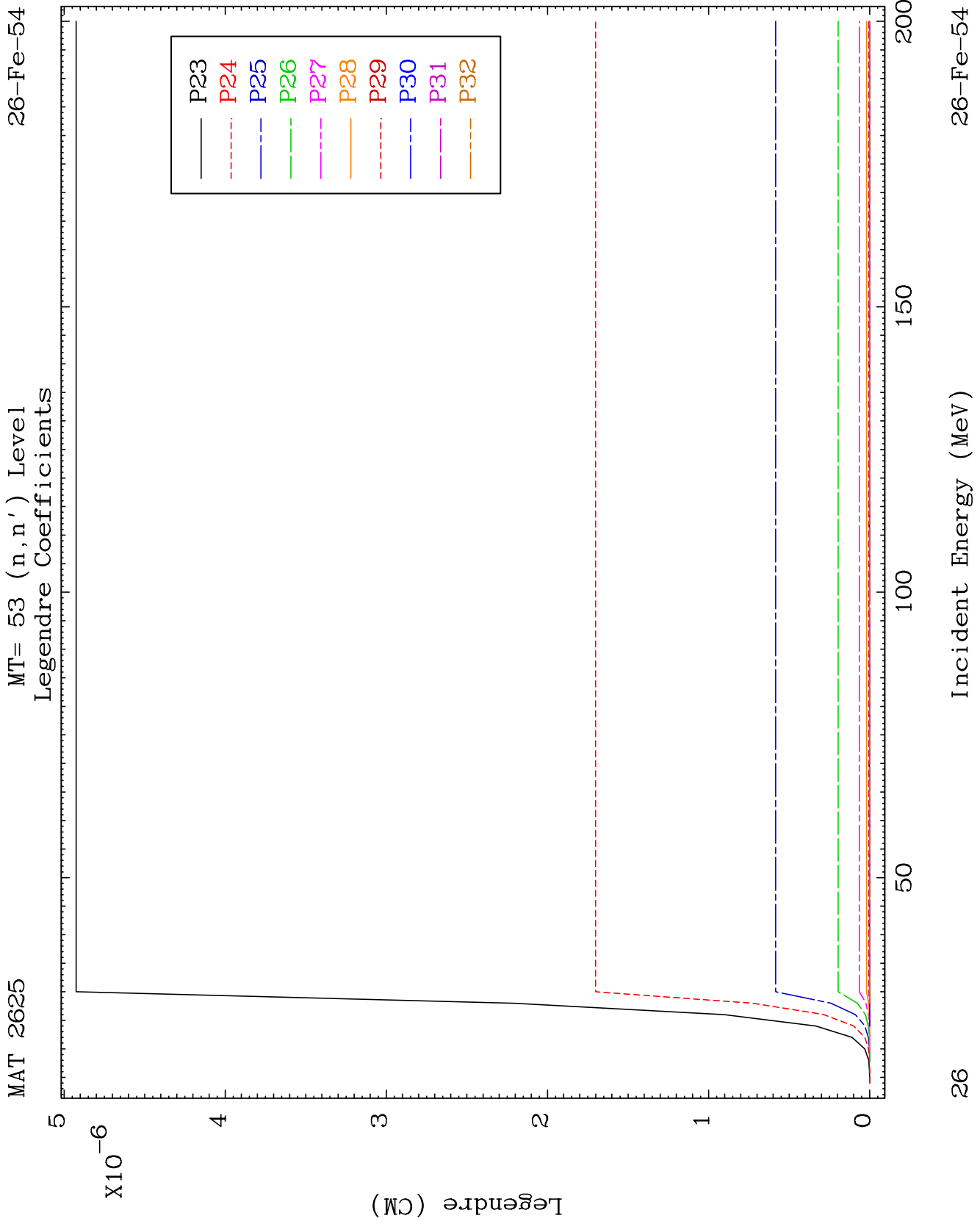


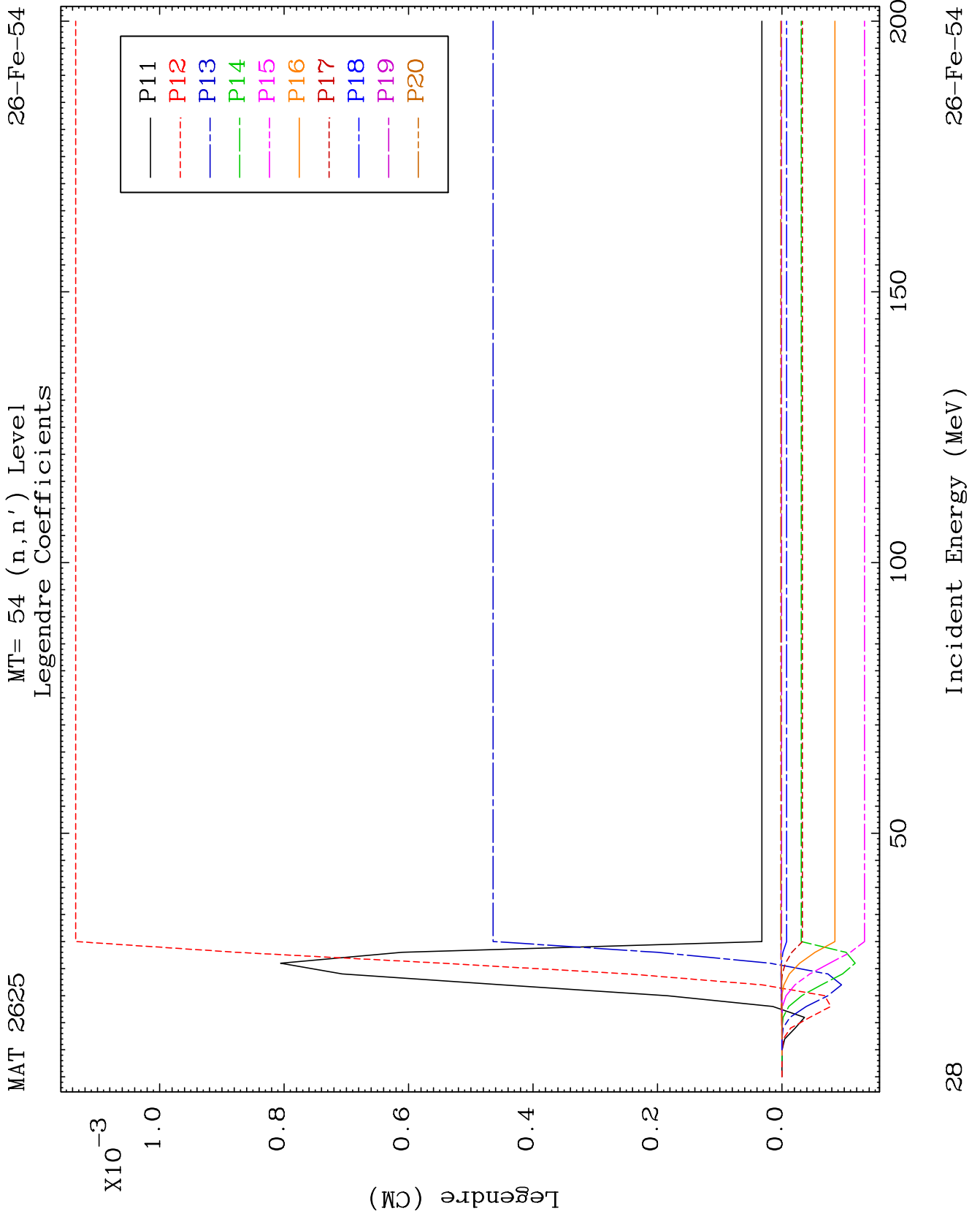
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Incident Energy (MeV)

26-Fe-54



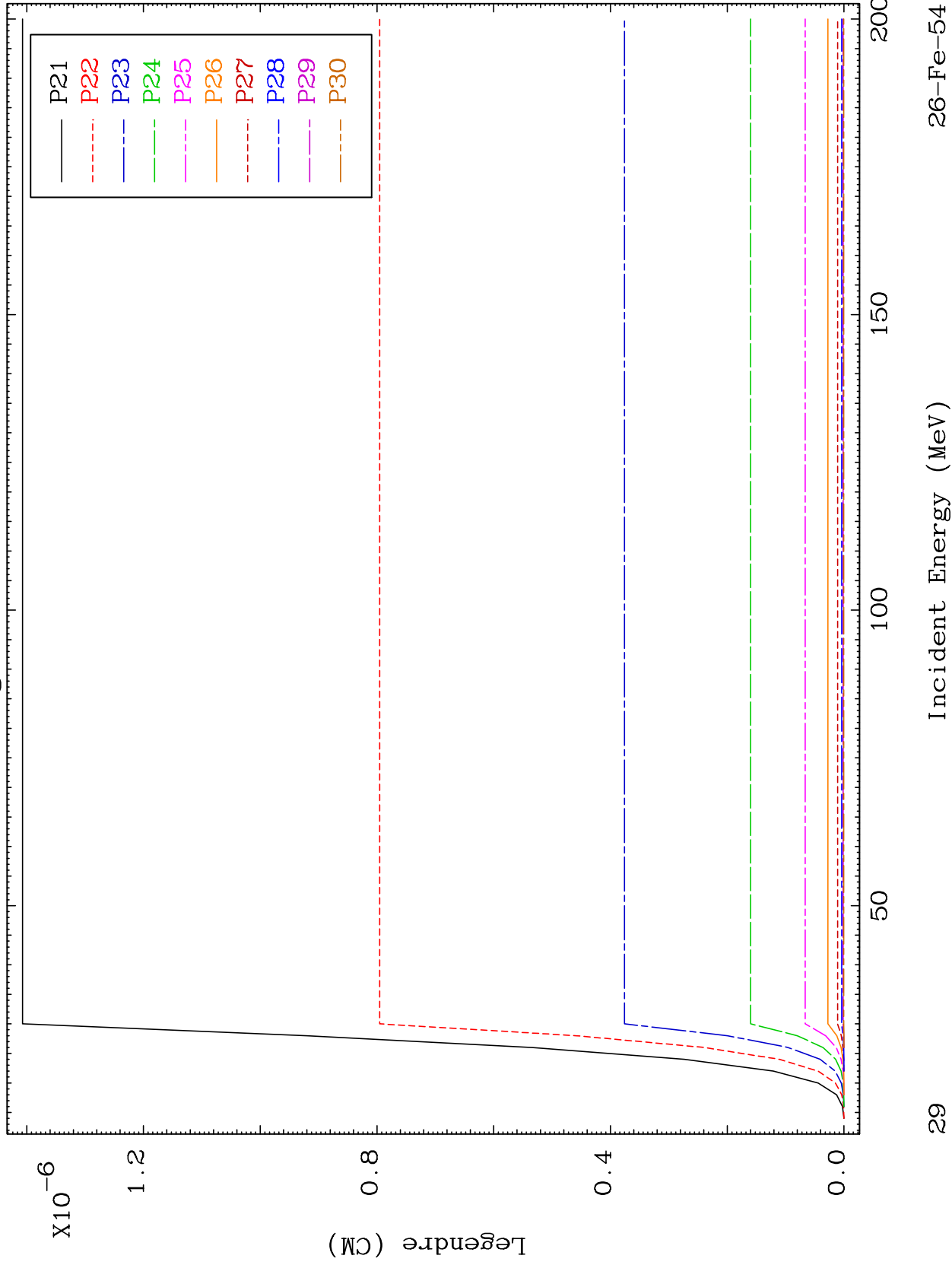




MAT 2625

MT= 54 (n,n') Level
Legendre Coefficients

26-Fe-54



29

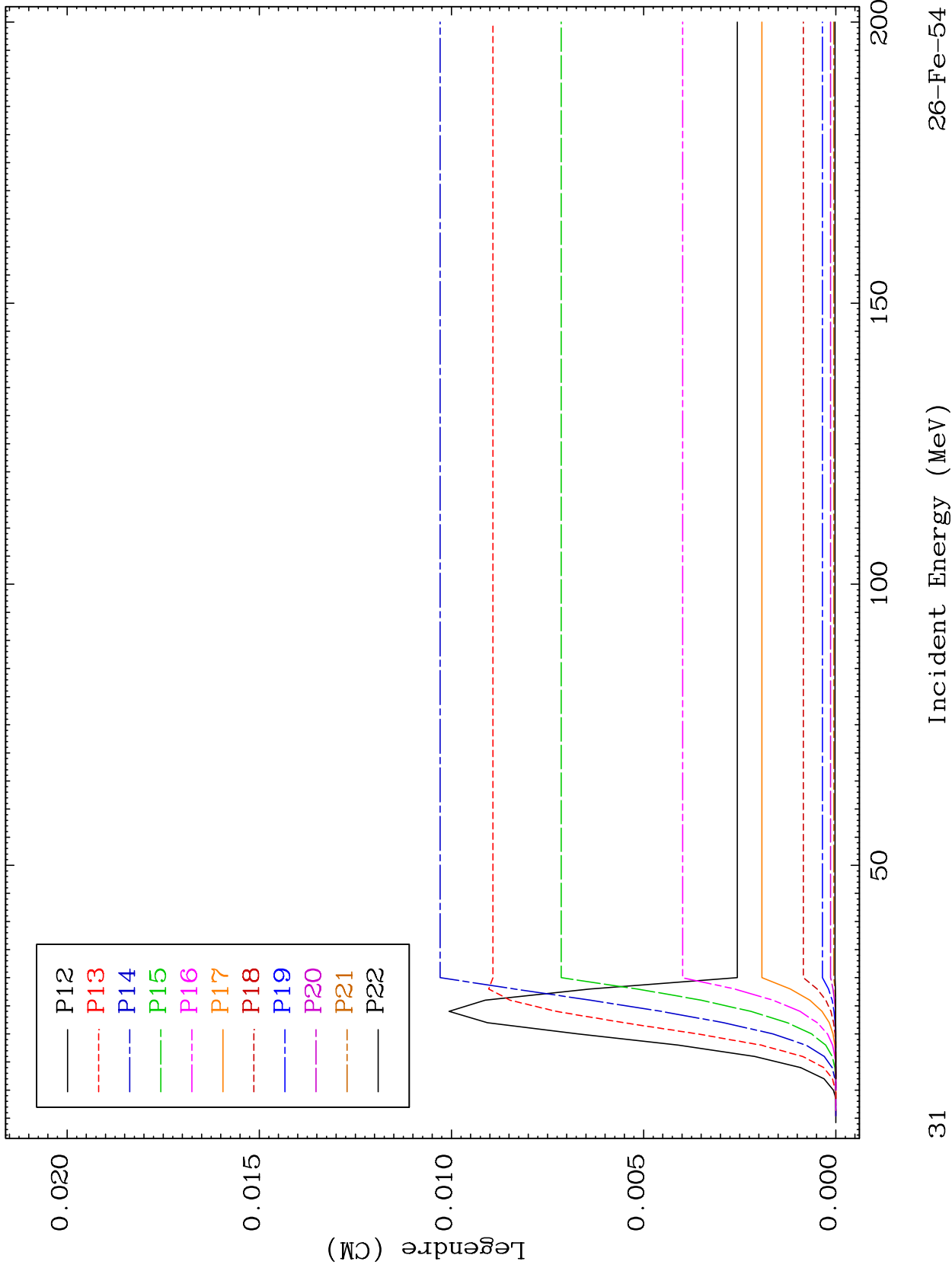
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

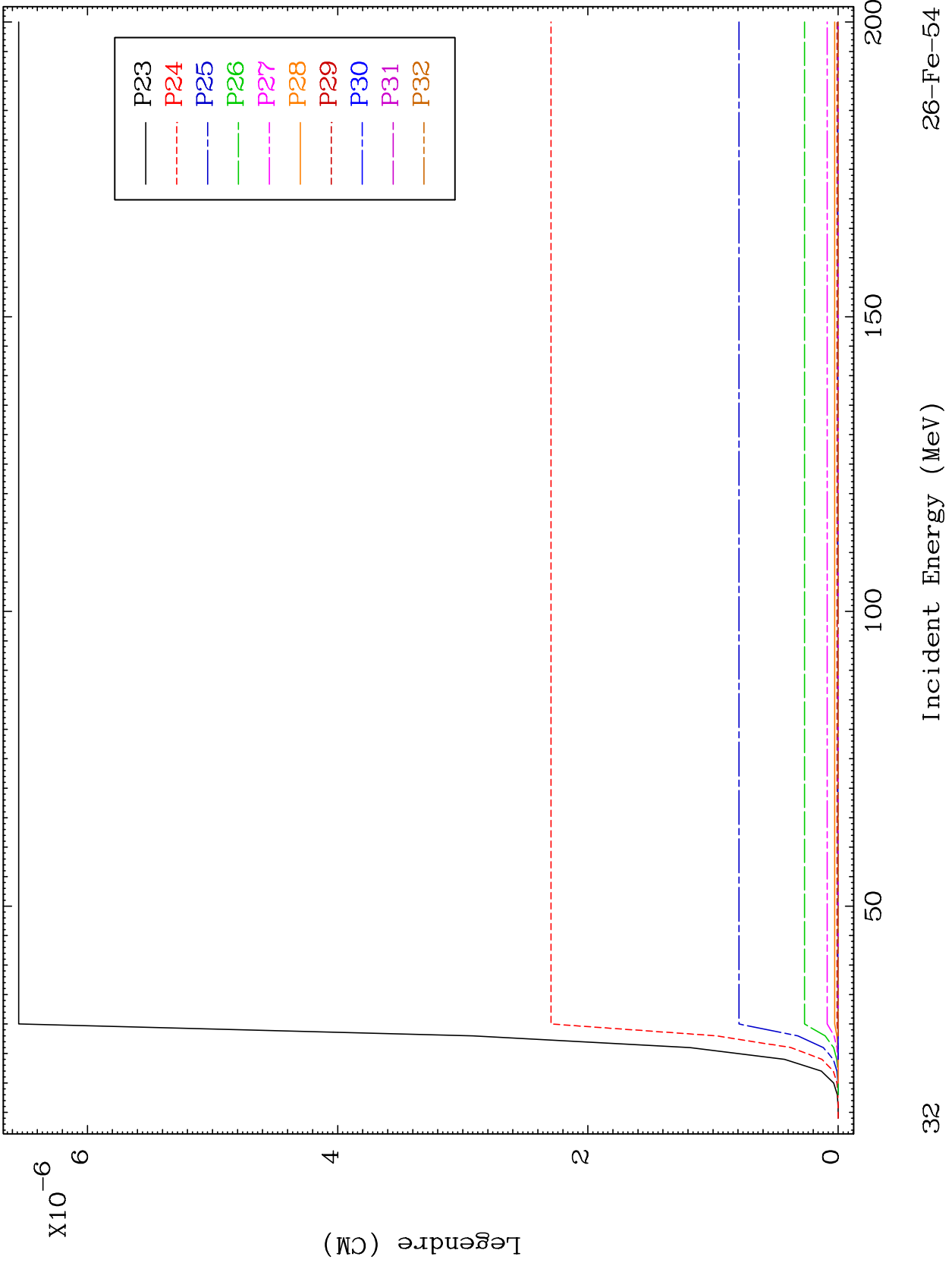
26-Fe-54



MAT 2625

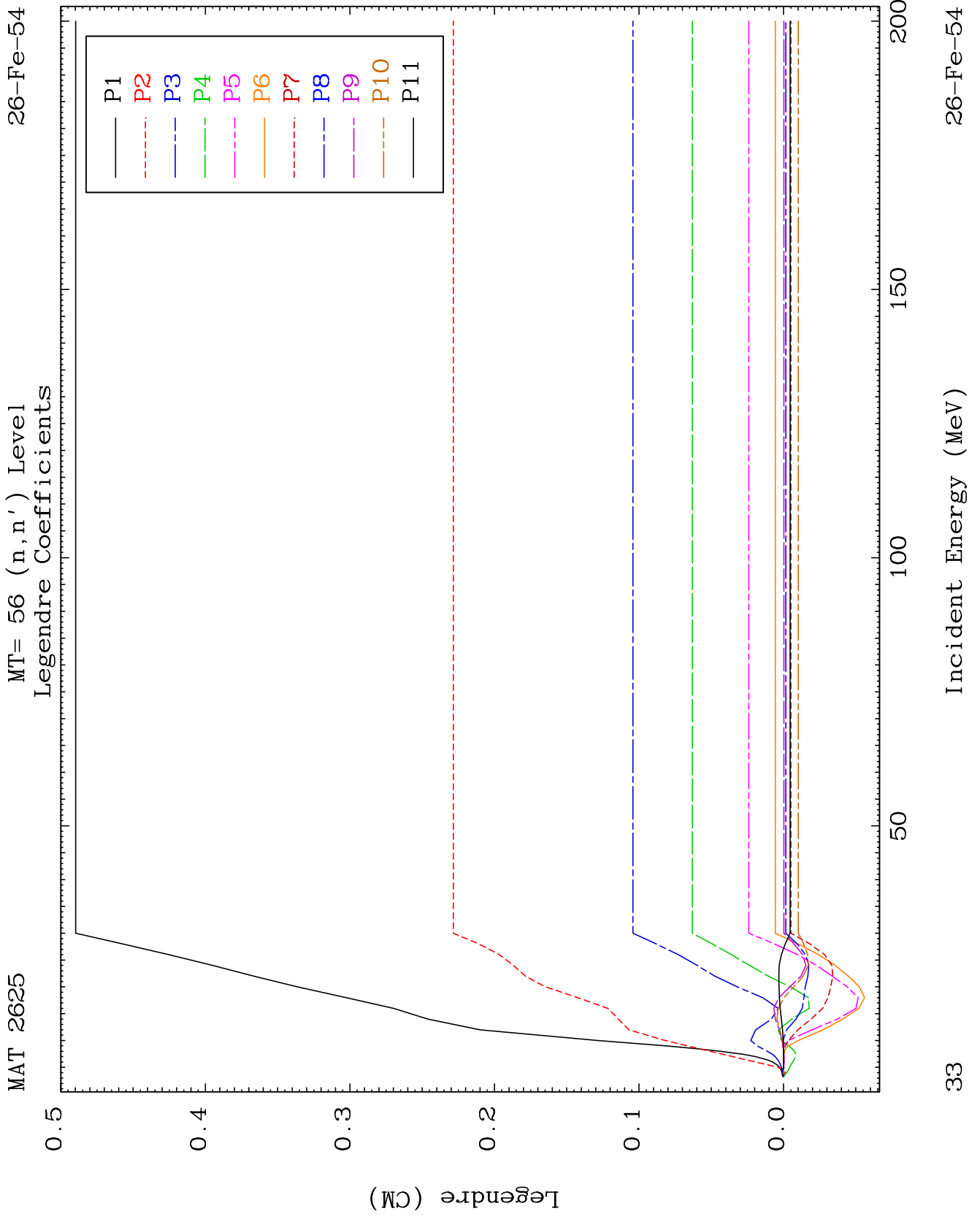
MT= 55 (n,n') Level
Legendre Coefficients

26-Fe-54



26-Fe-54

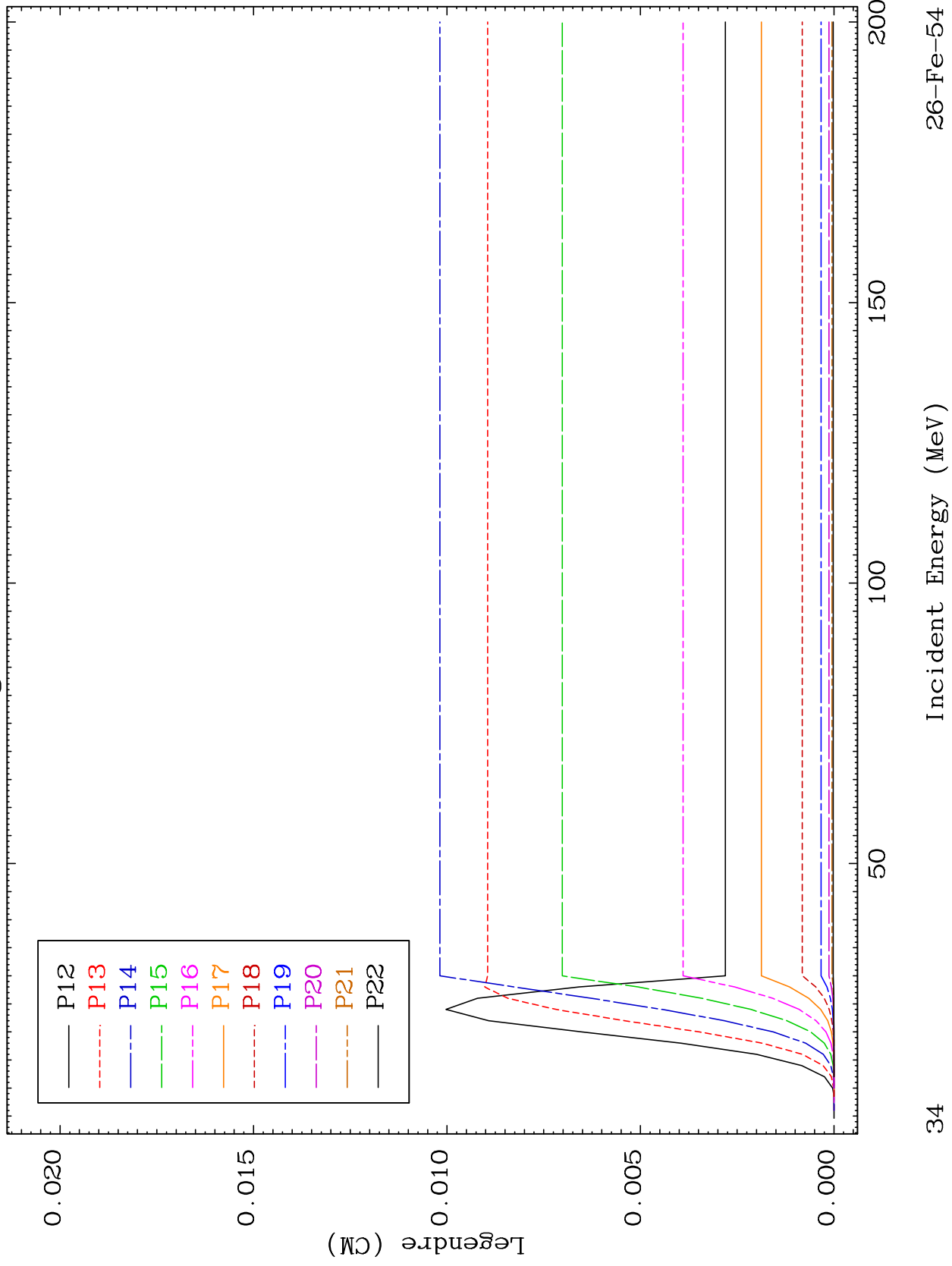
32



MAT 2625

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

26-Fe-54



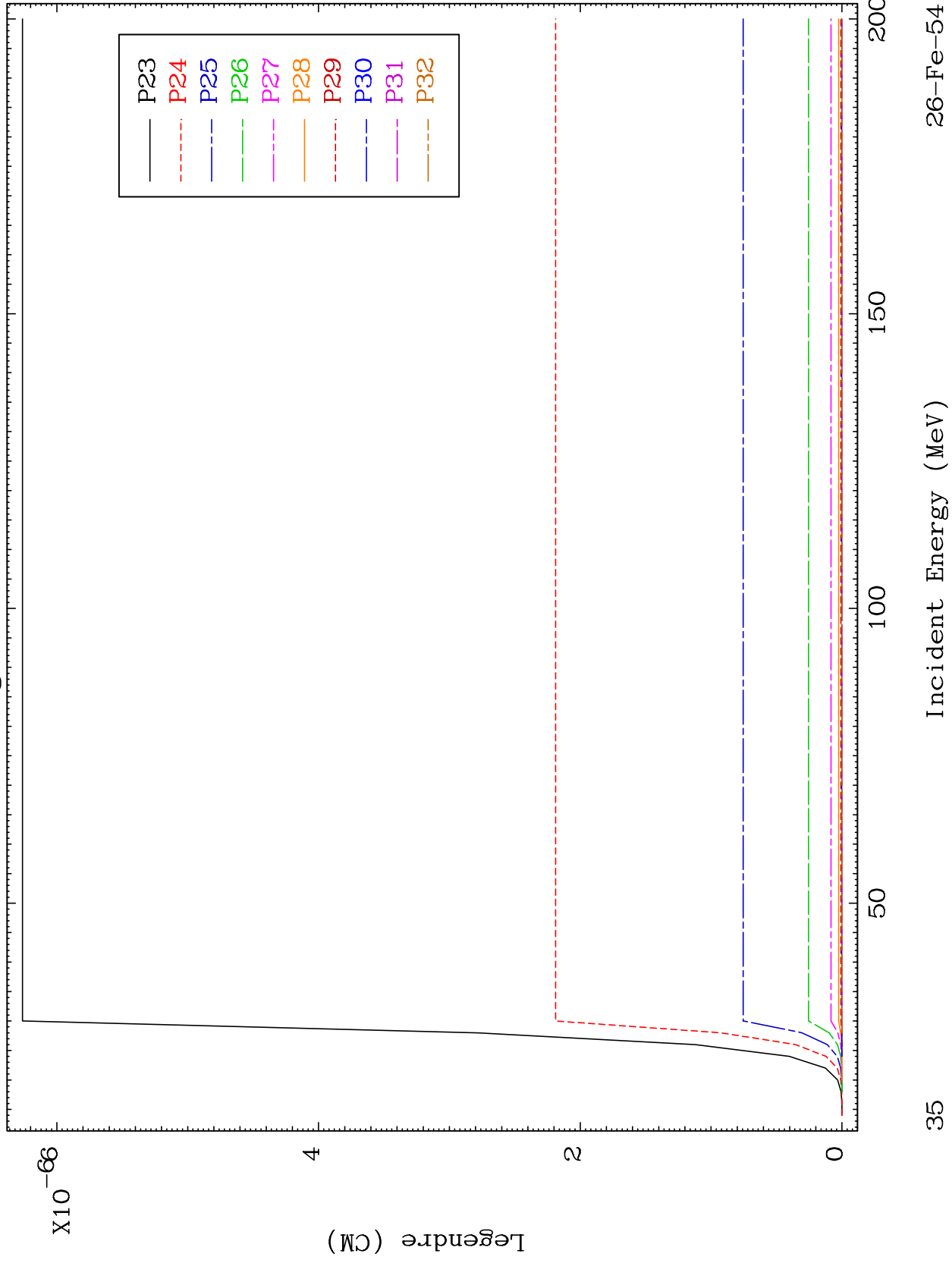
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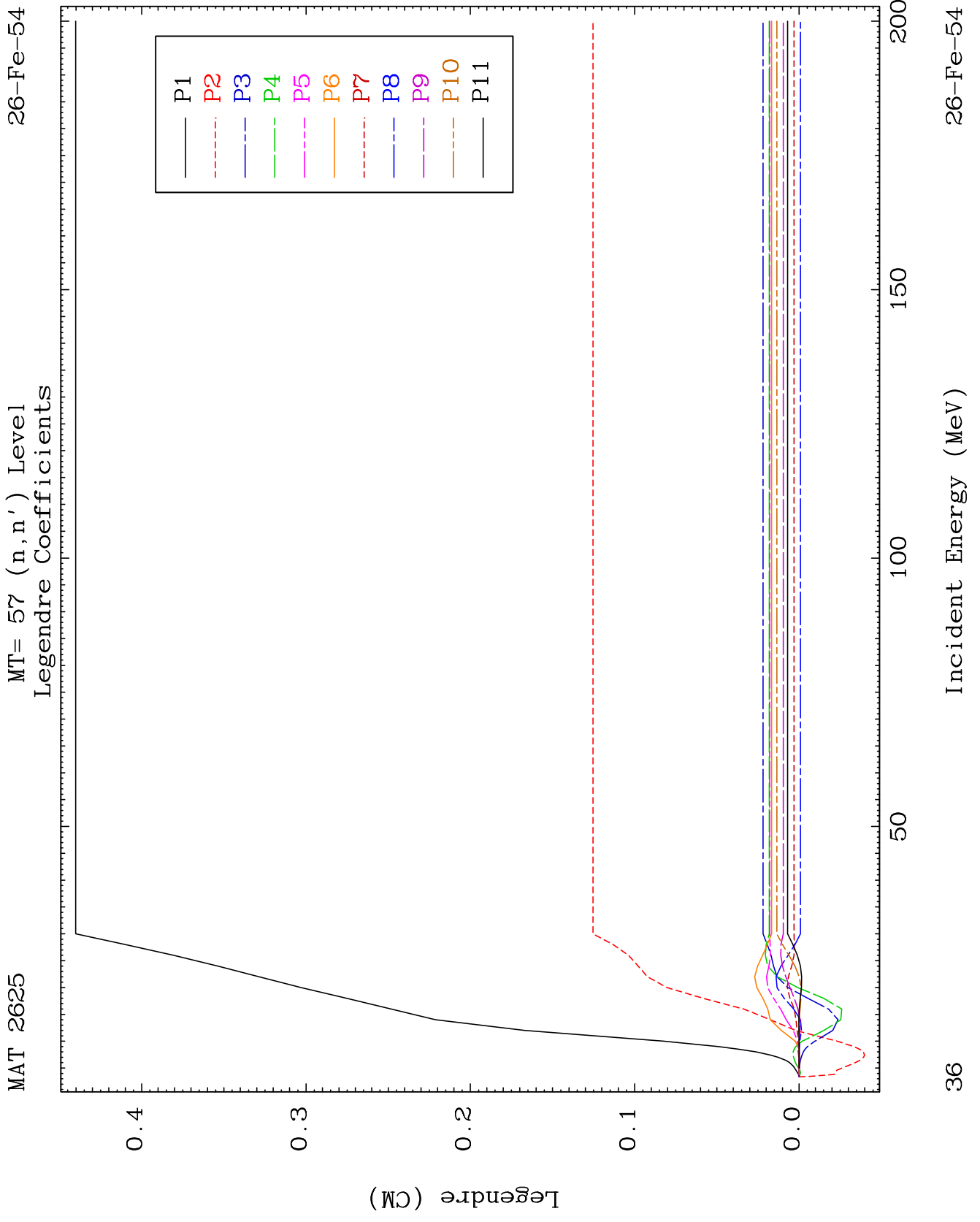
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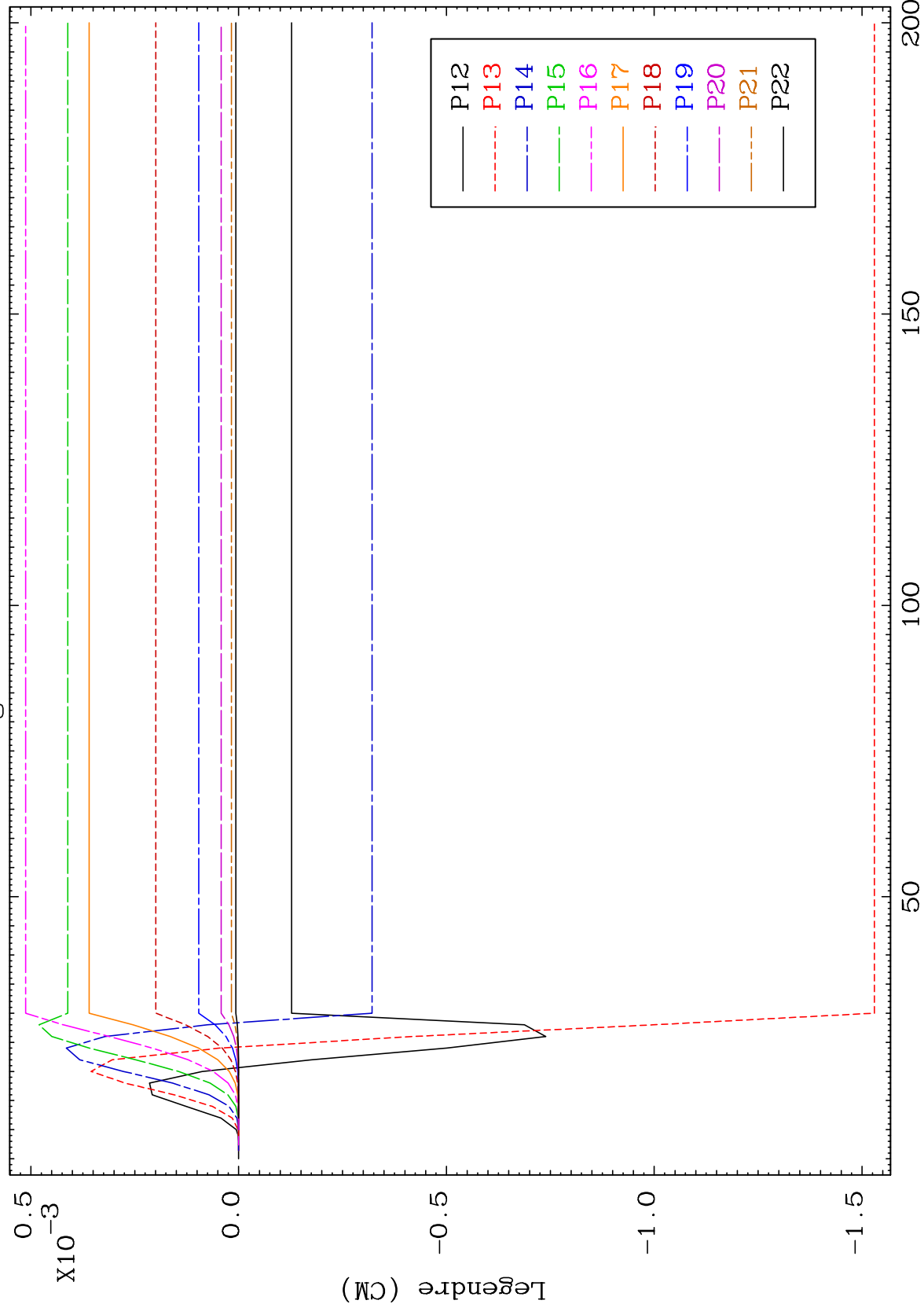
MAT 2625

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

26-Fe-54



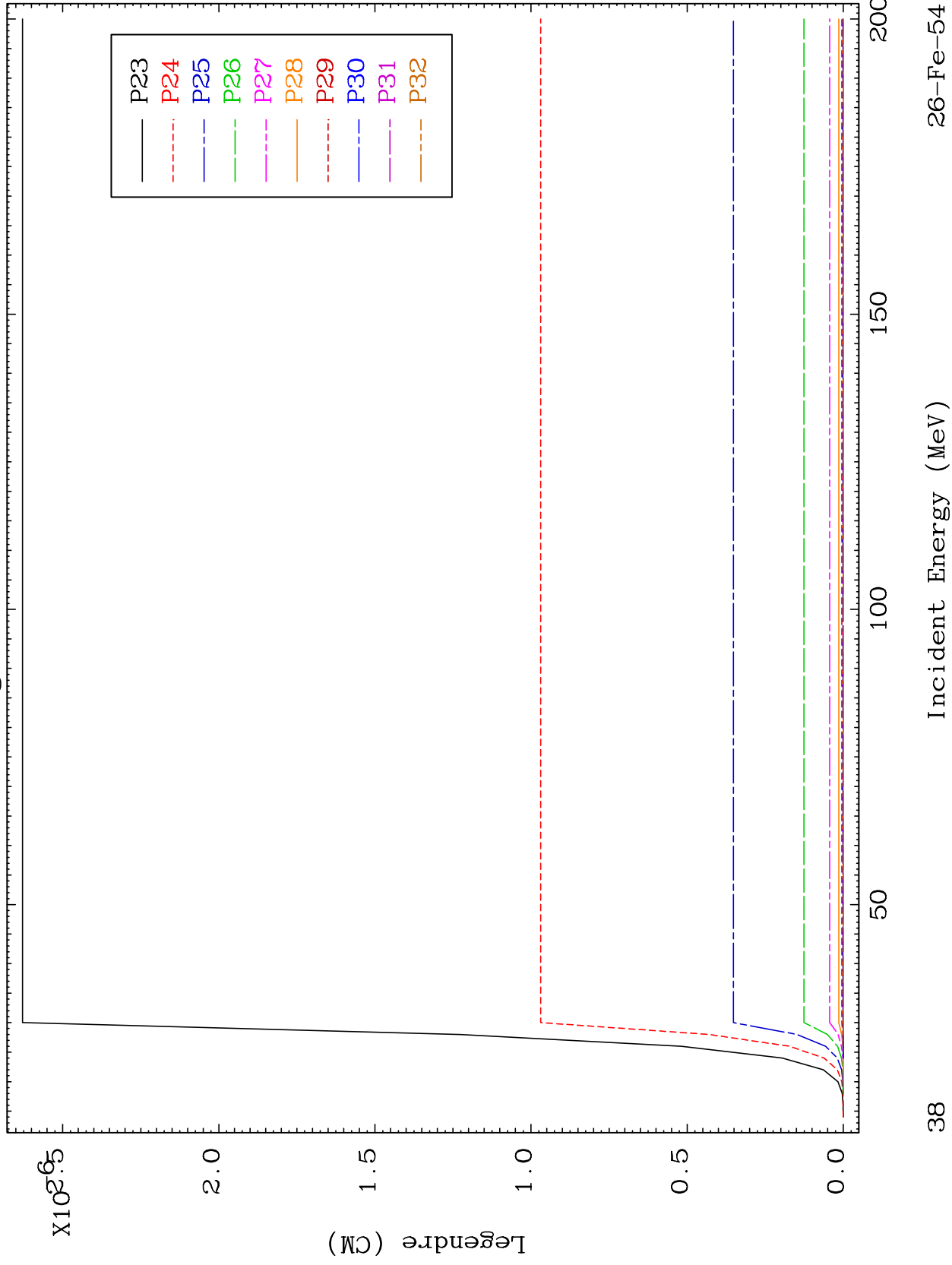




MAT 2625

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

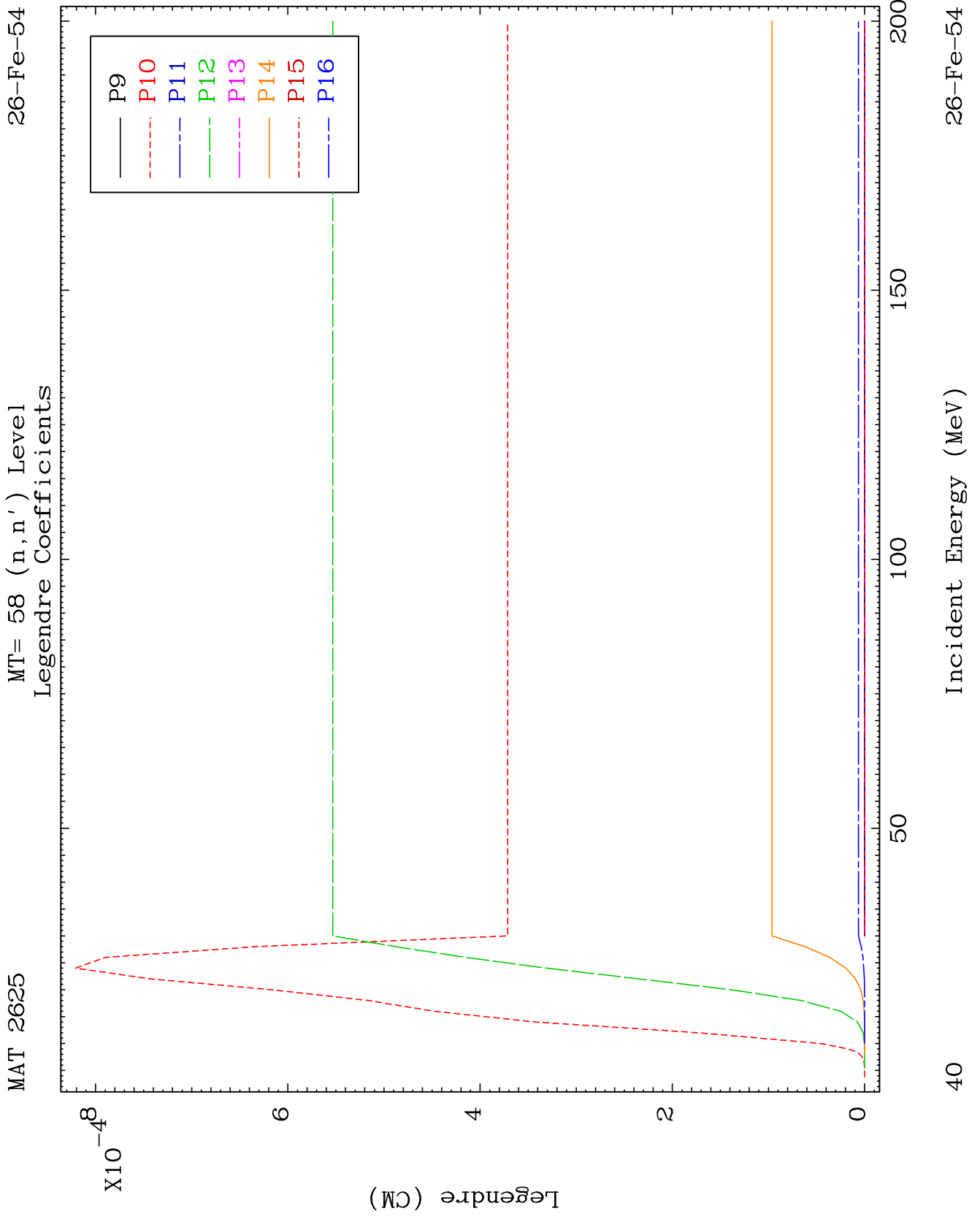
26-Fe-54



38

Incident Energy (MeV)

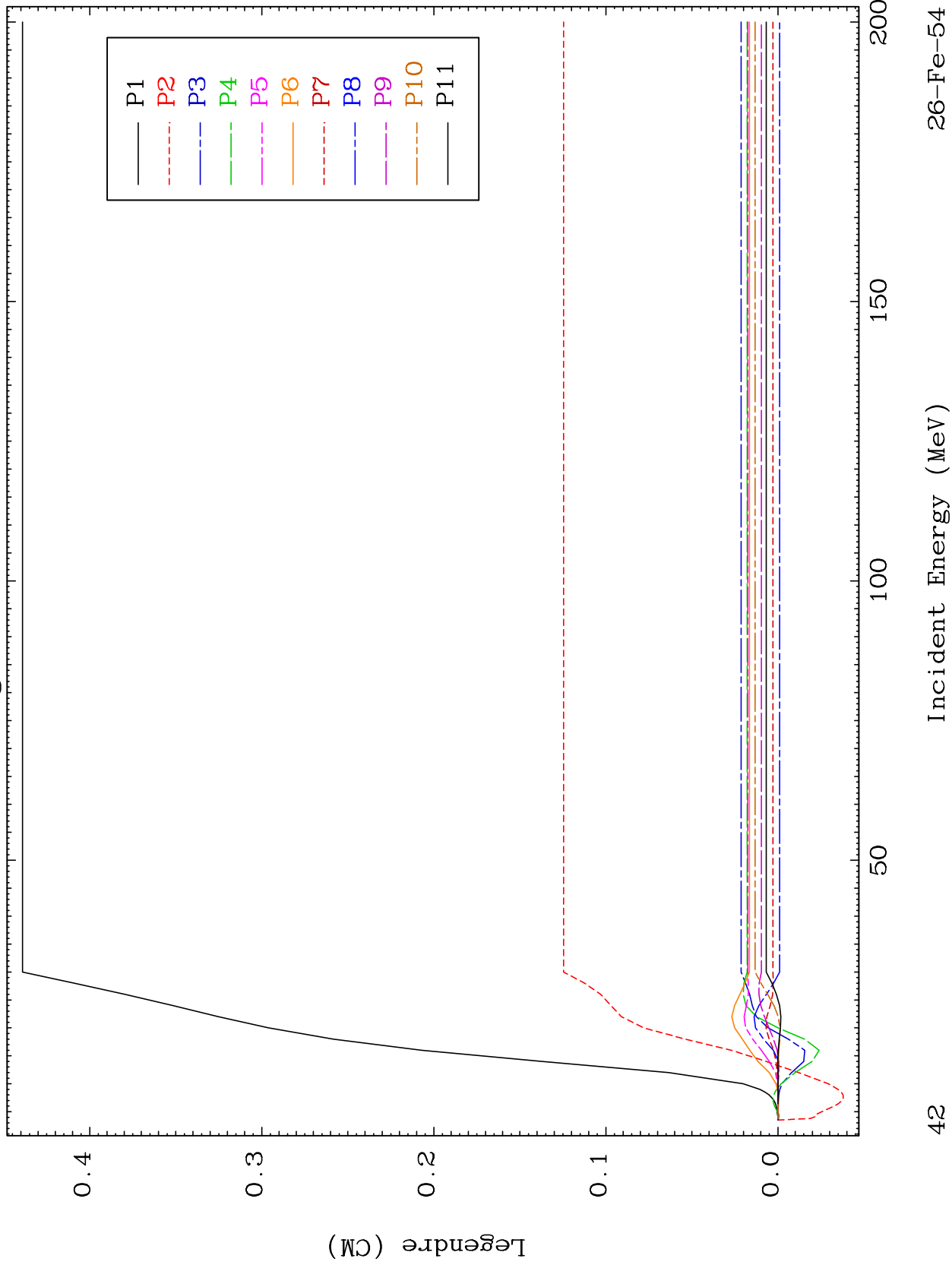
26-Fe-54



MAT 2625

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

26-Fe-54



42

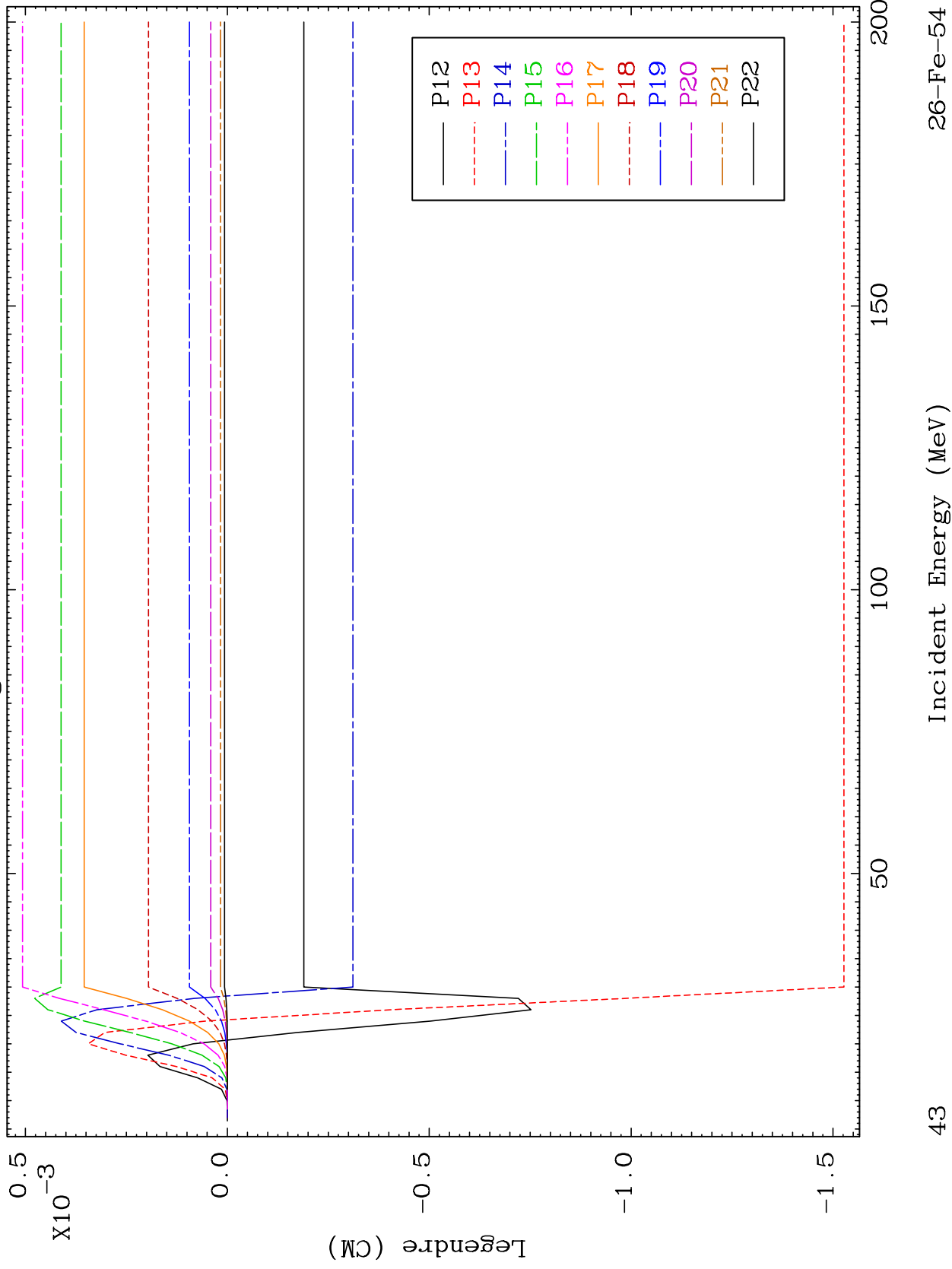
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

26-Fe-54



43

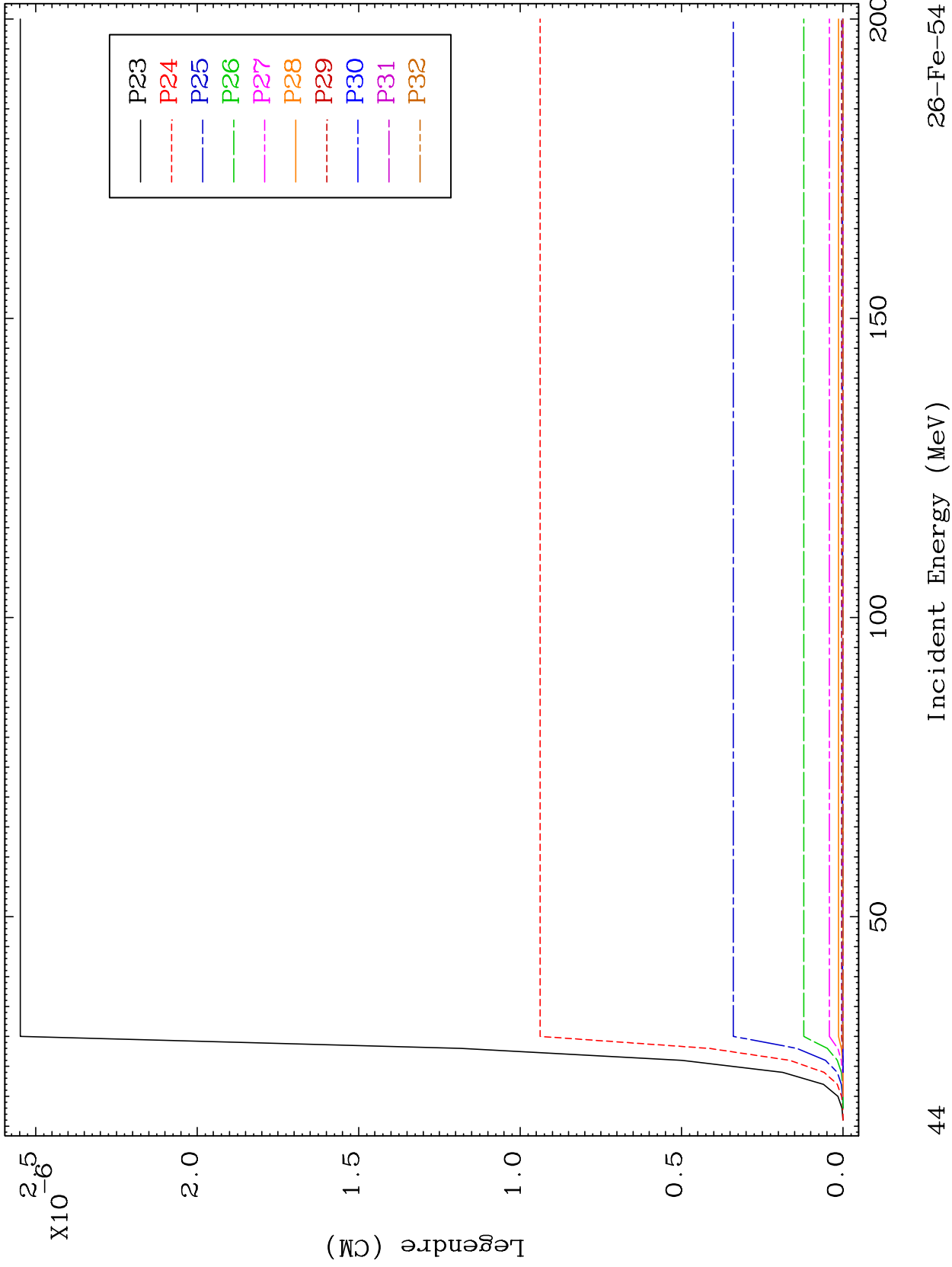
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

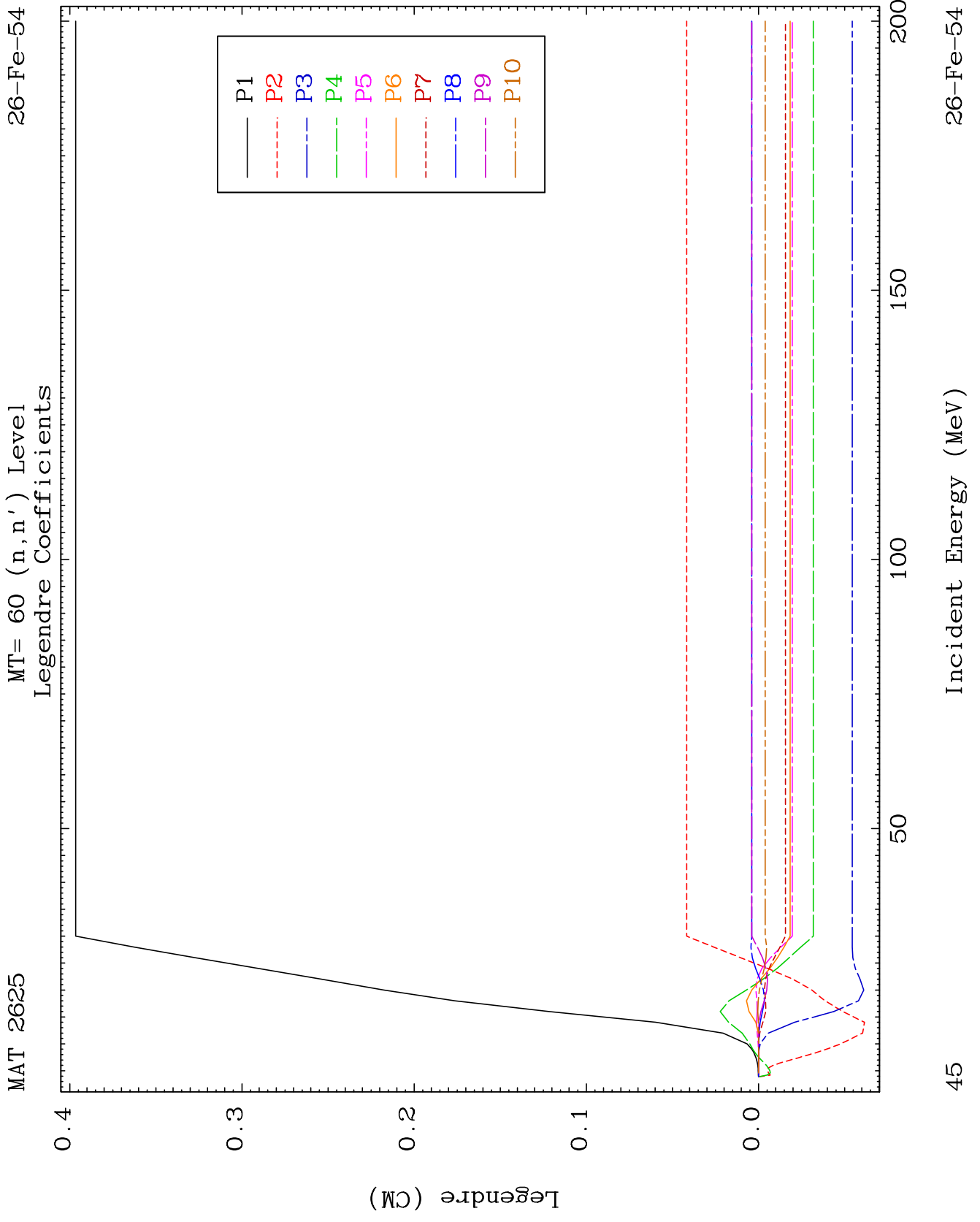
26-Fe-54



44

Incident Energy (MeV)

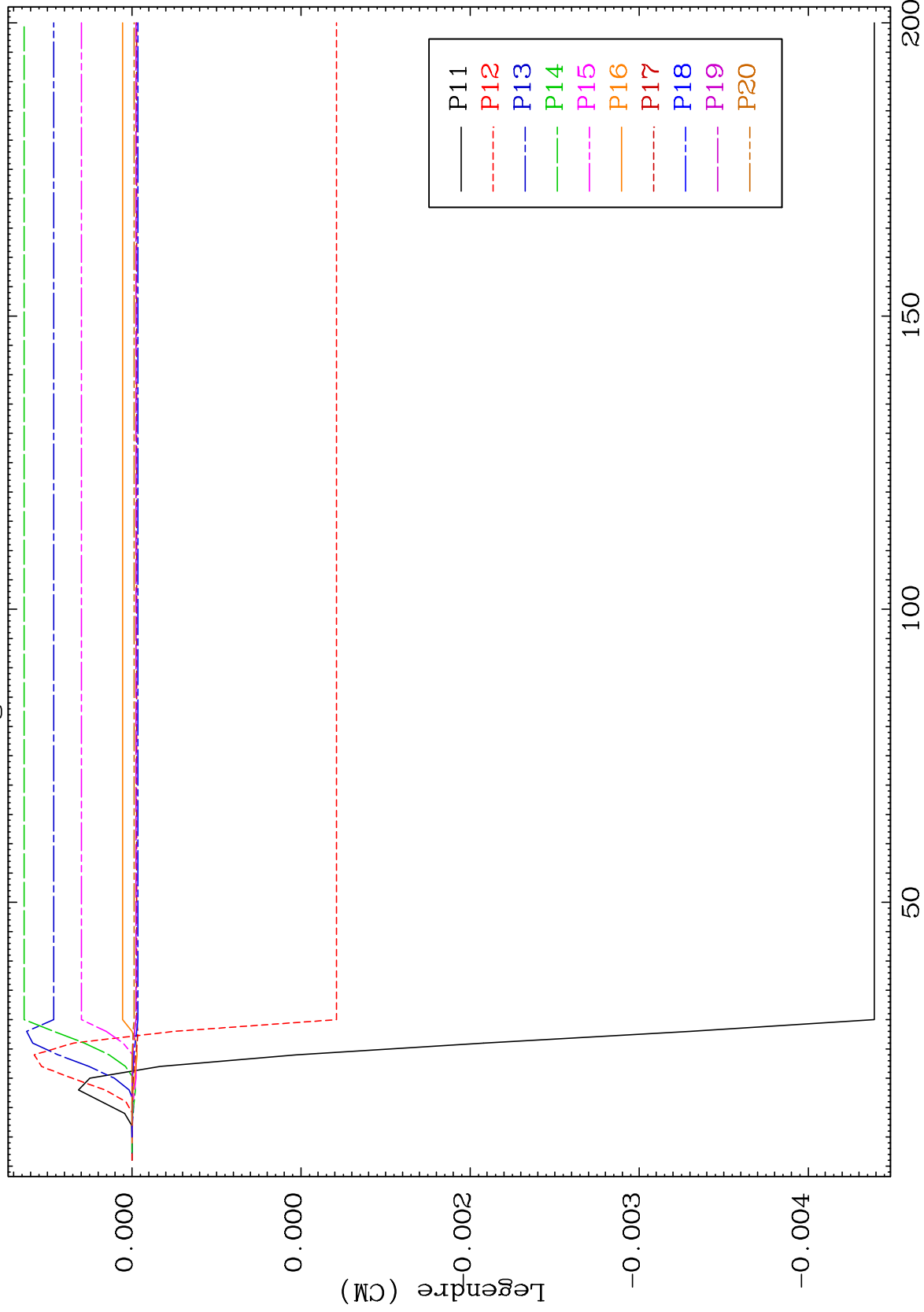
26-Fe-54



MAT 2625

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

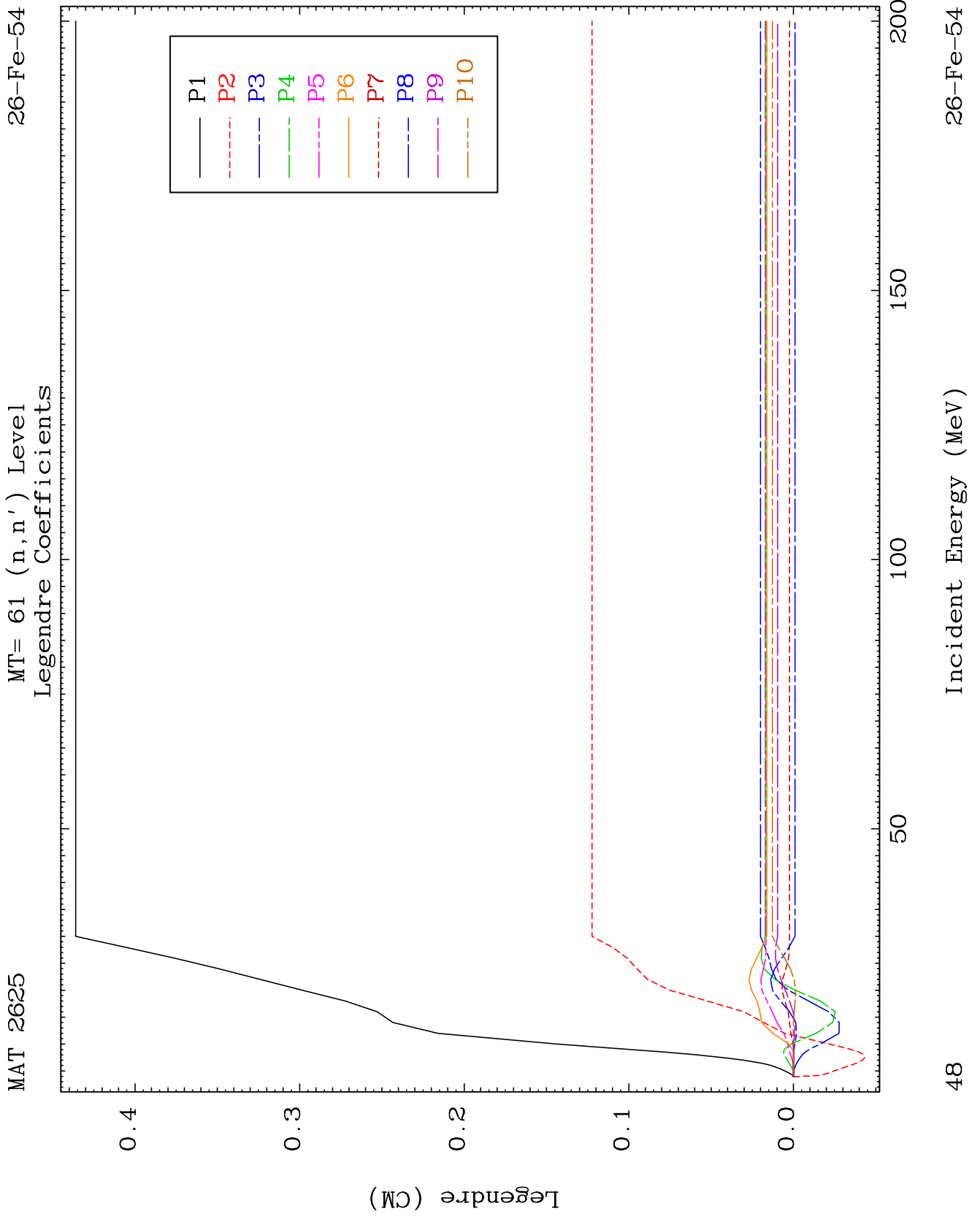
26-Fe-54



46

Incident Energy (MeV)

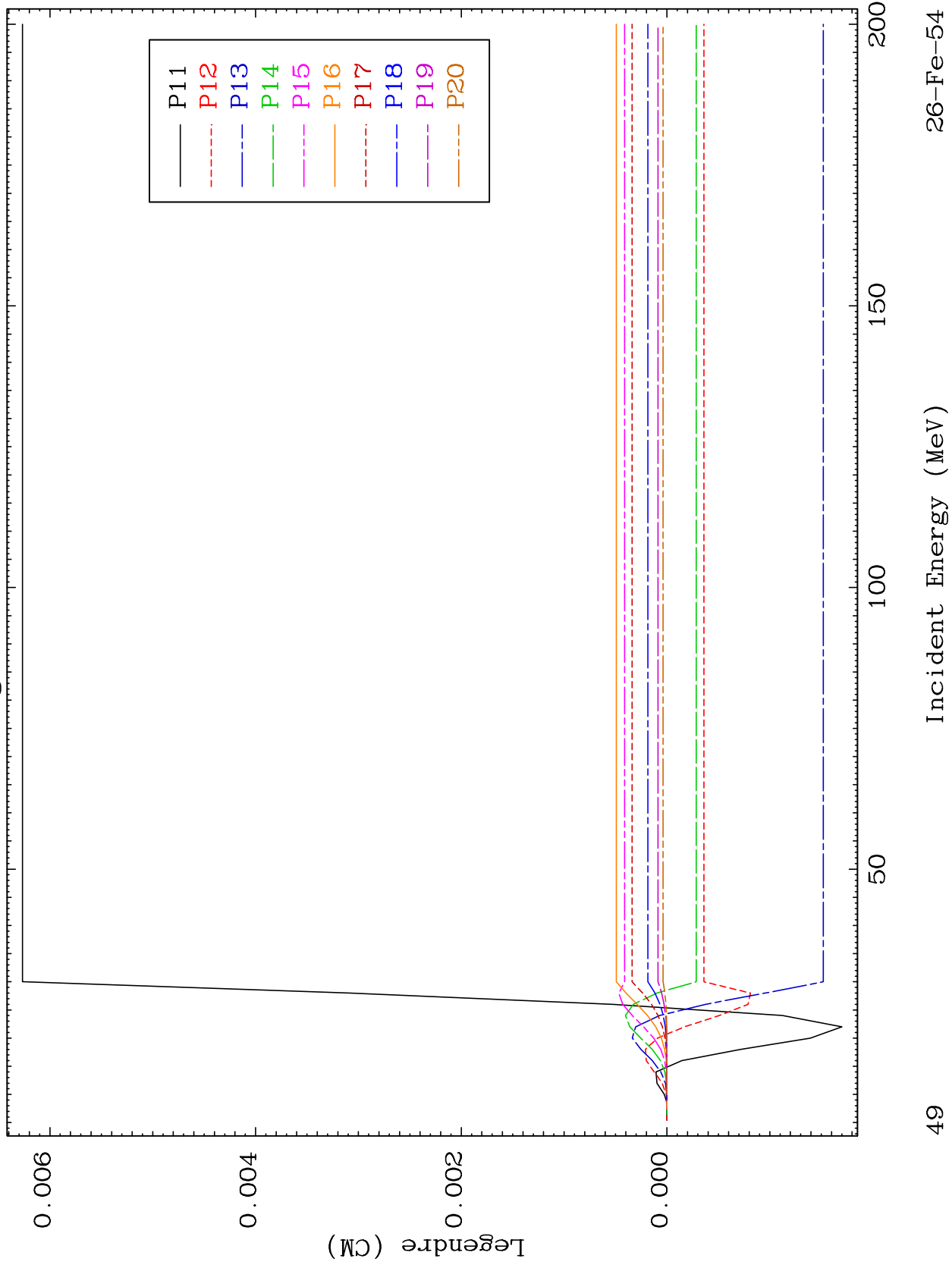
26-Fe-54



MAT 2625

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

26-Fe-54



49

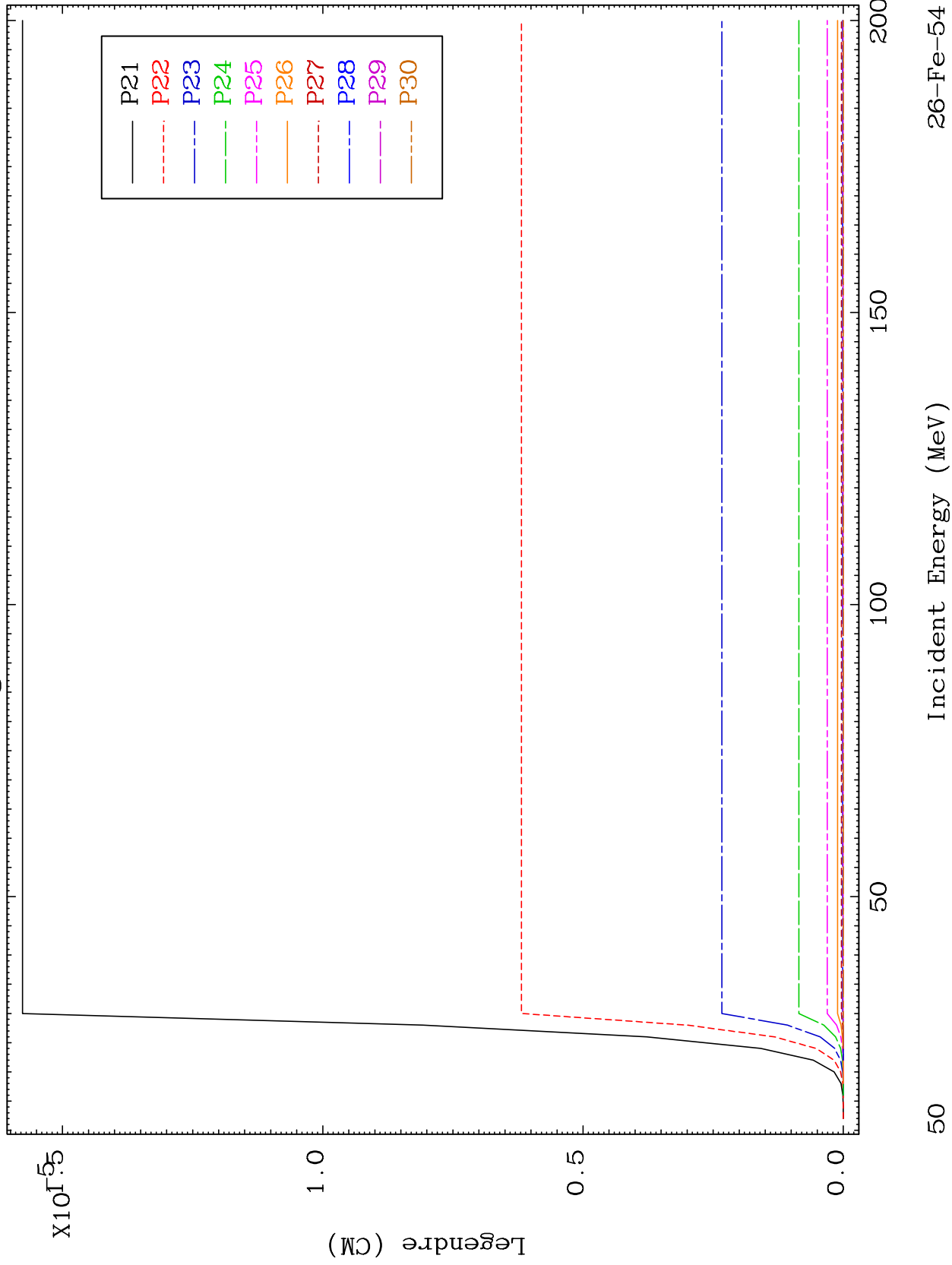
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

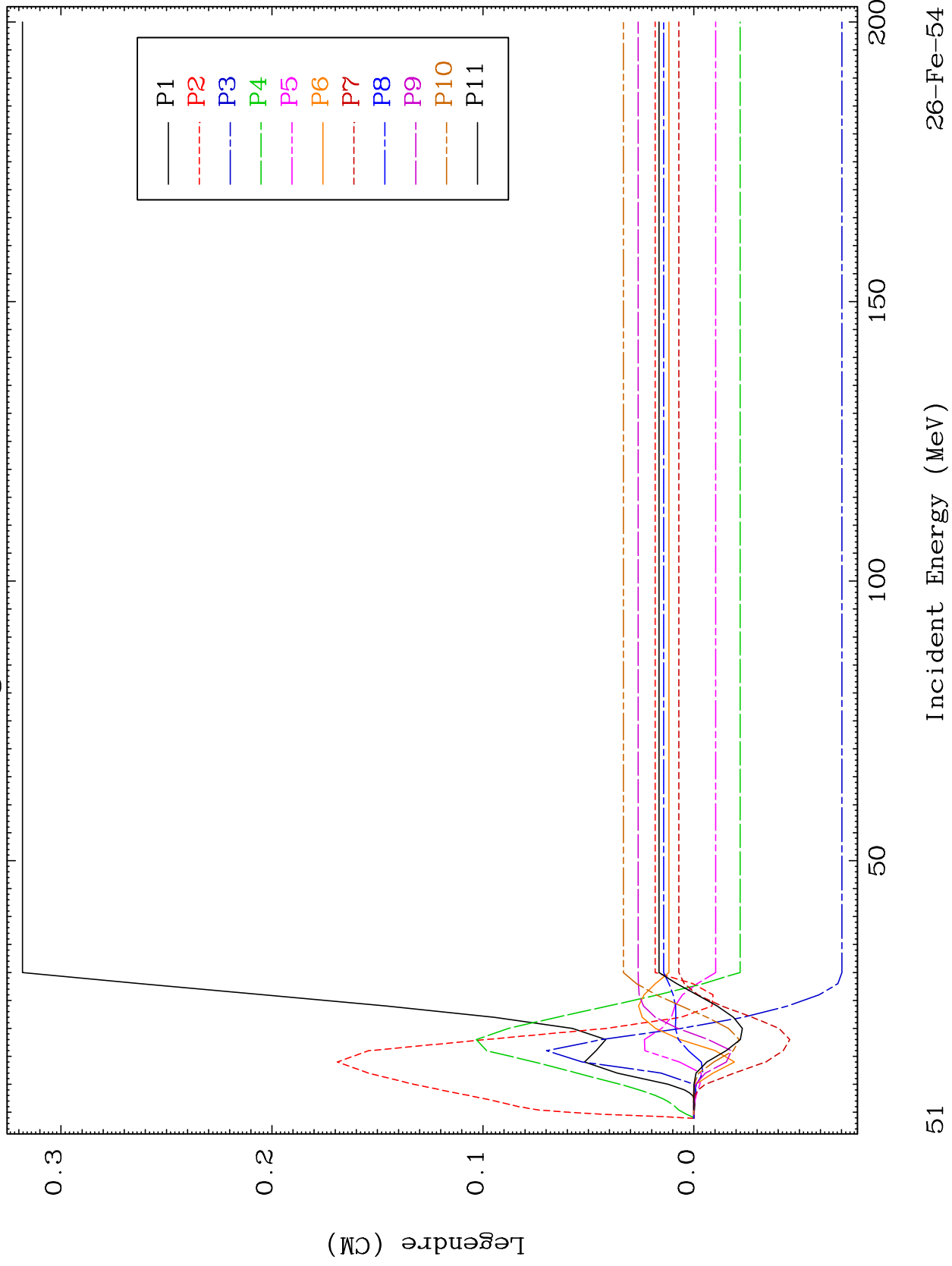
26-Fe-54



MAT 2625

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

26-Fe-54



51

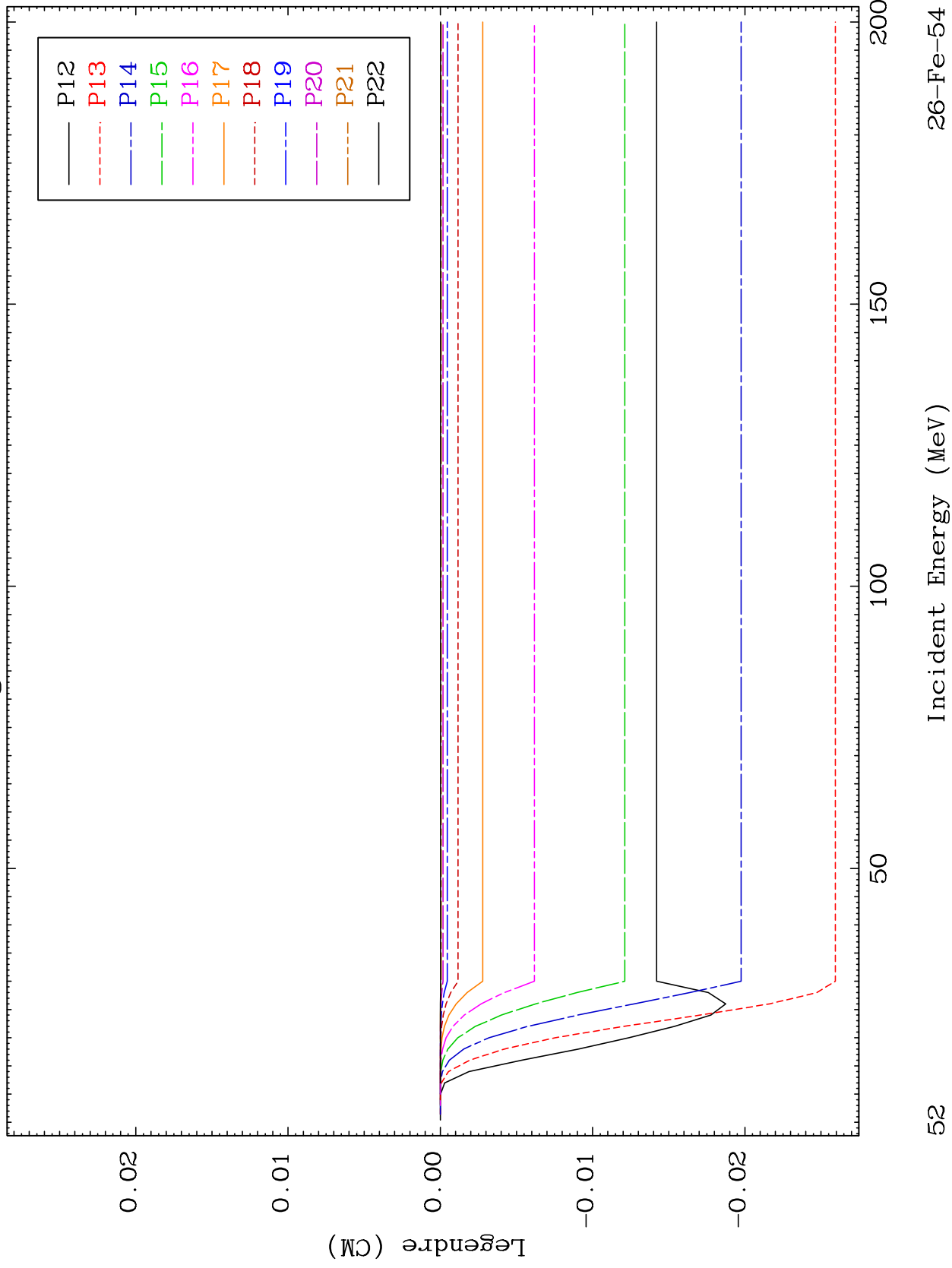
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

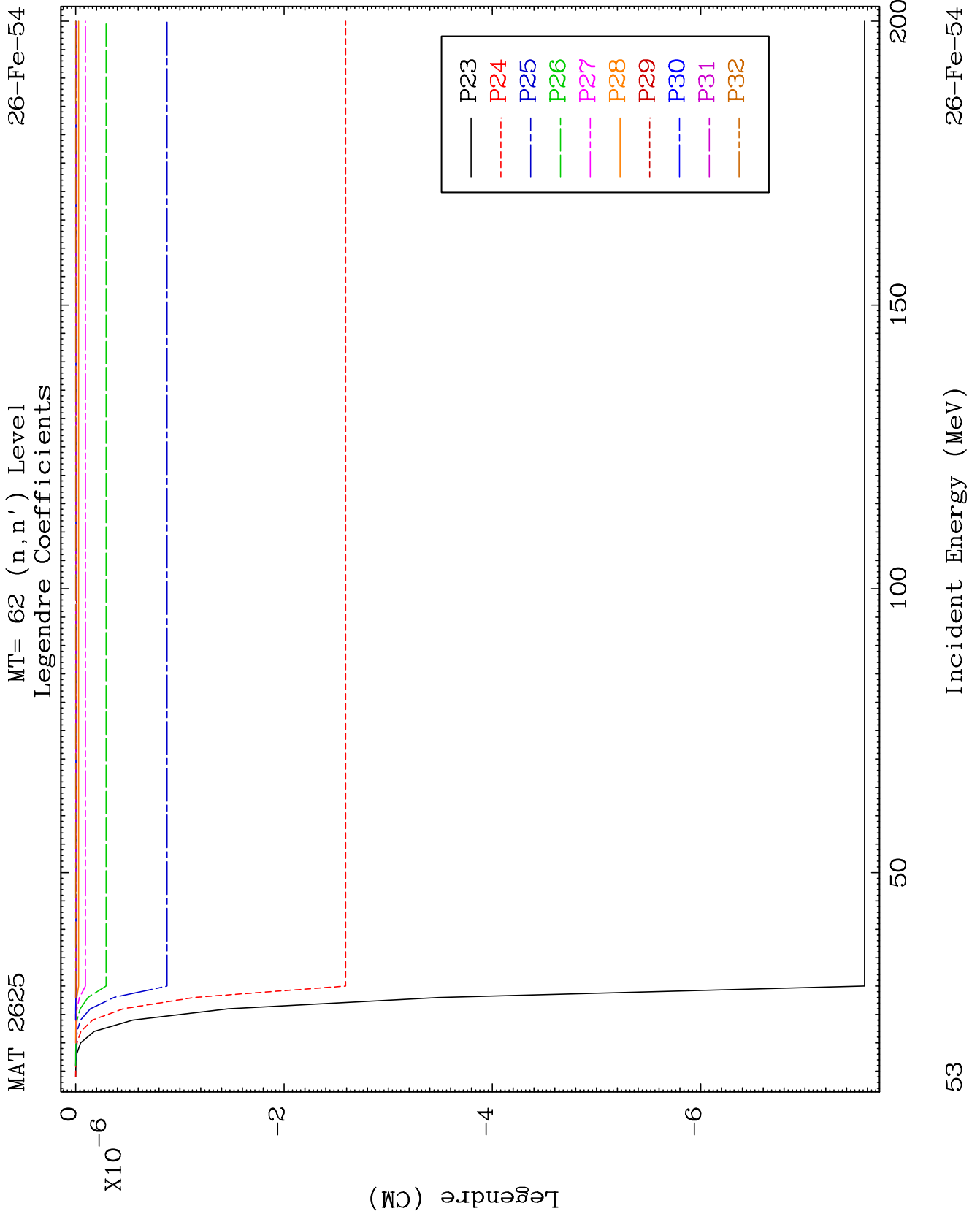
26-Fe-54



52

Incident Energy (MeV)

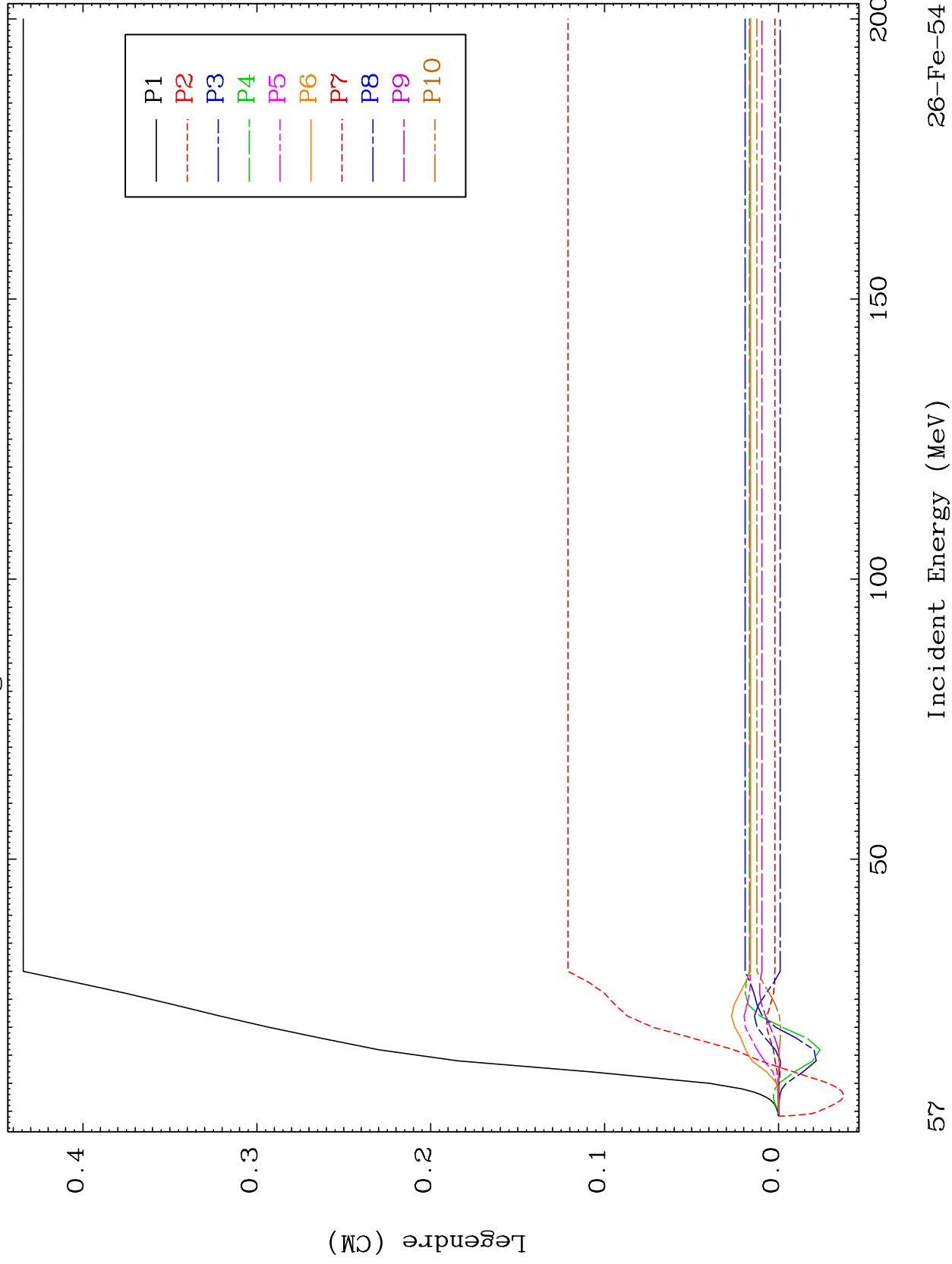
26-Fe-54



MAT 2625

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

26-Fe-54



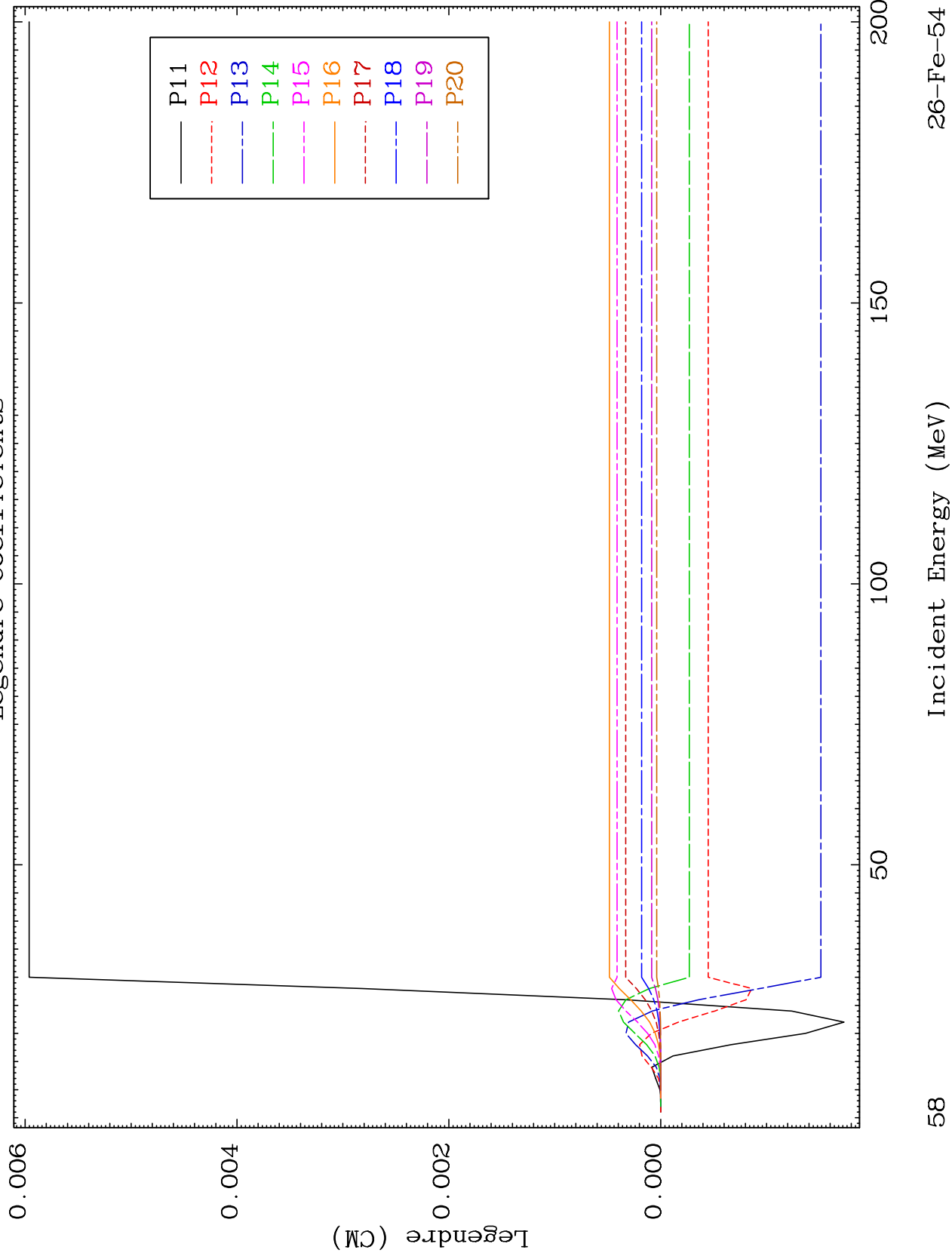
57

26-Fe-54

MAT 2625

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

26-Fe-54



58

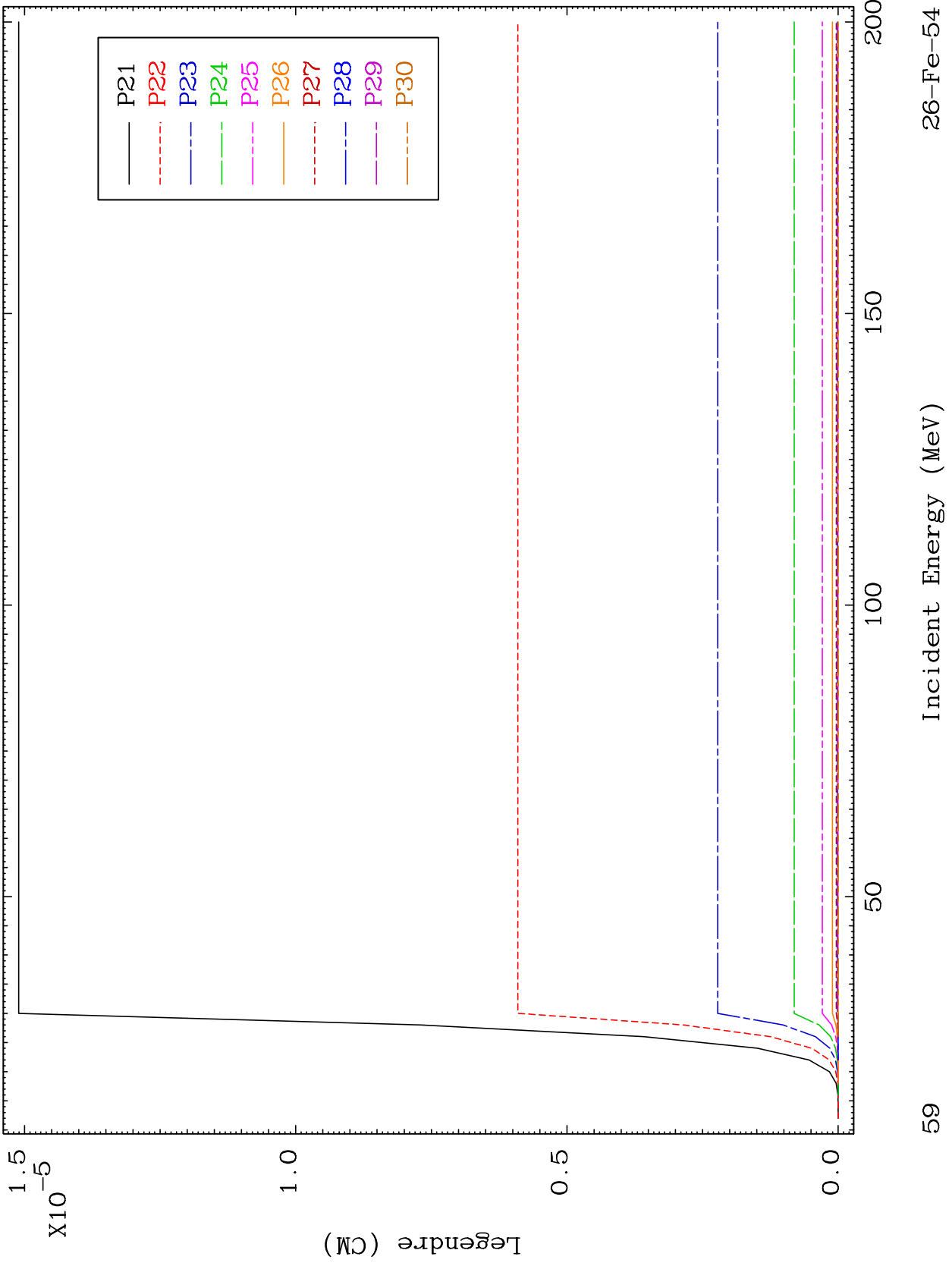
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

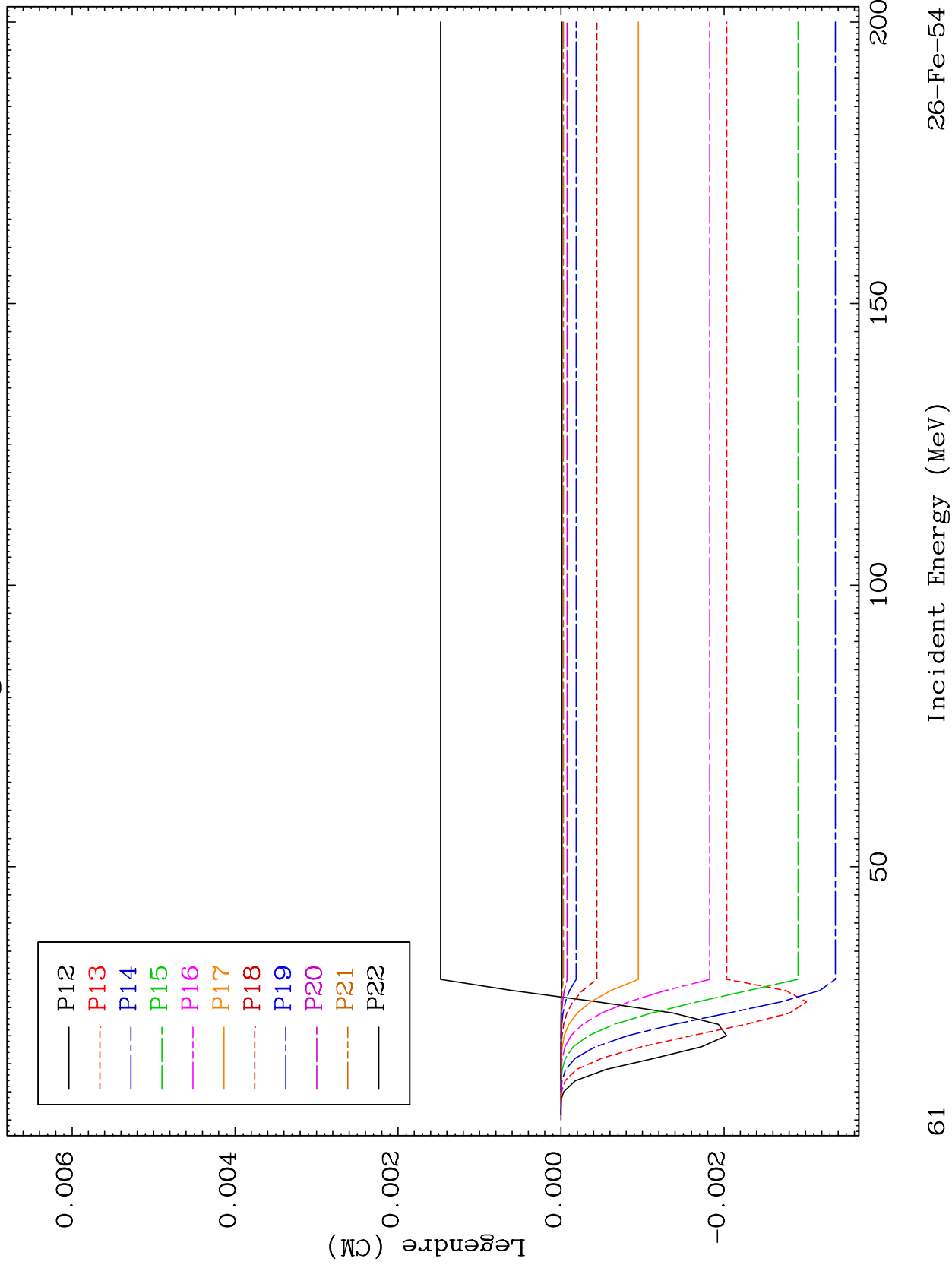
26-Fe-54



MAT 2625

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

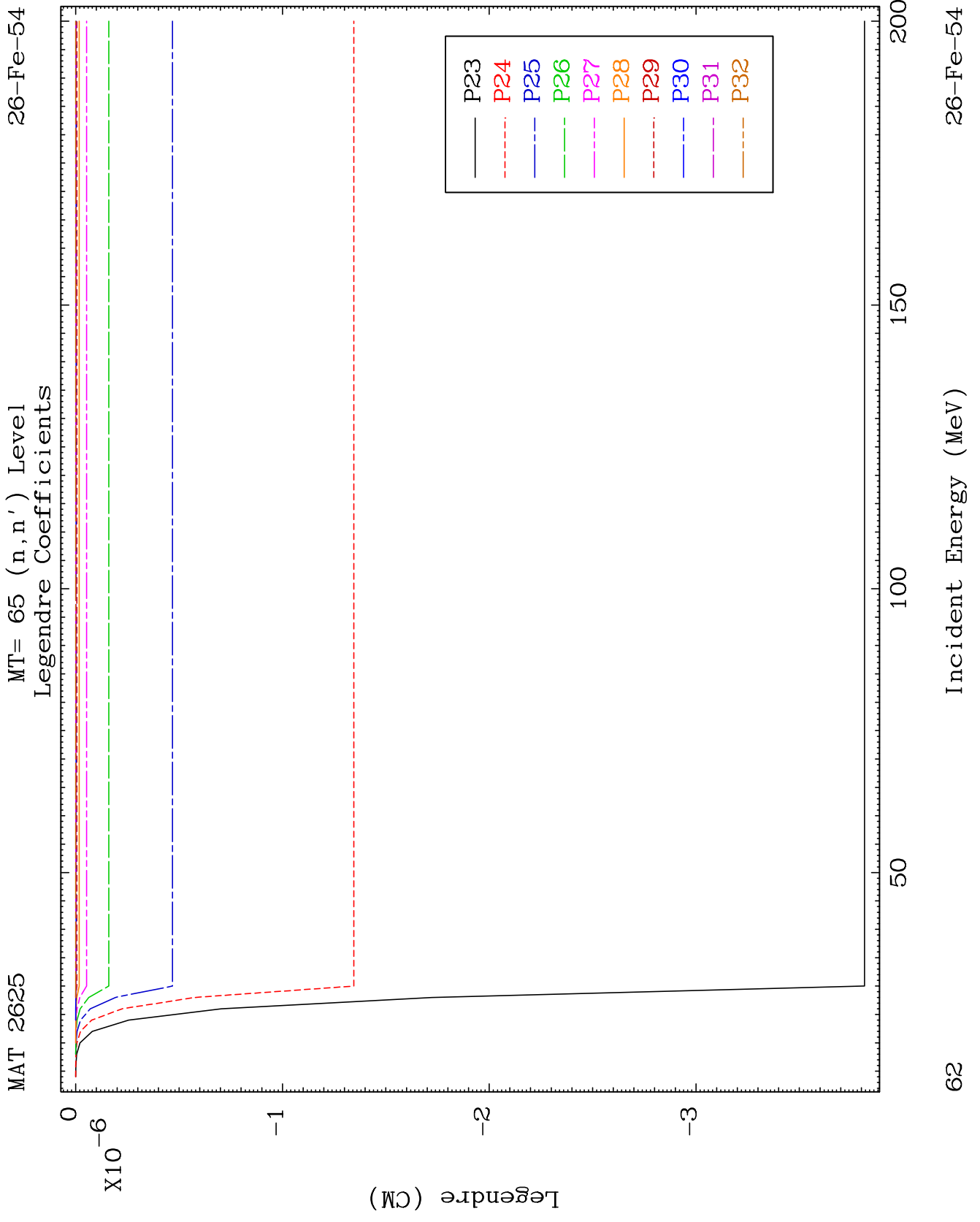
26-Fe-54



61

Incident Energy (MeV)

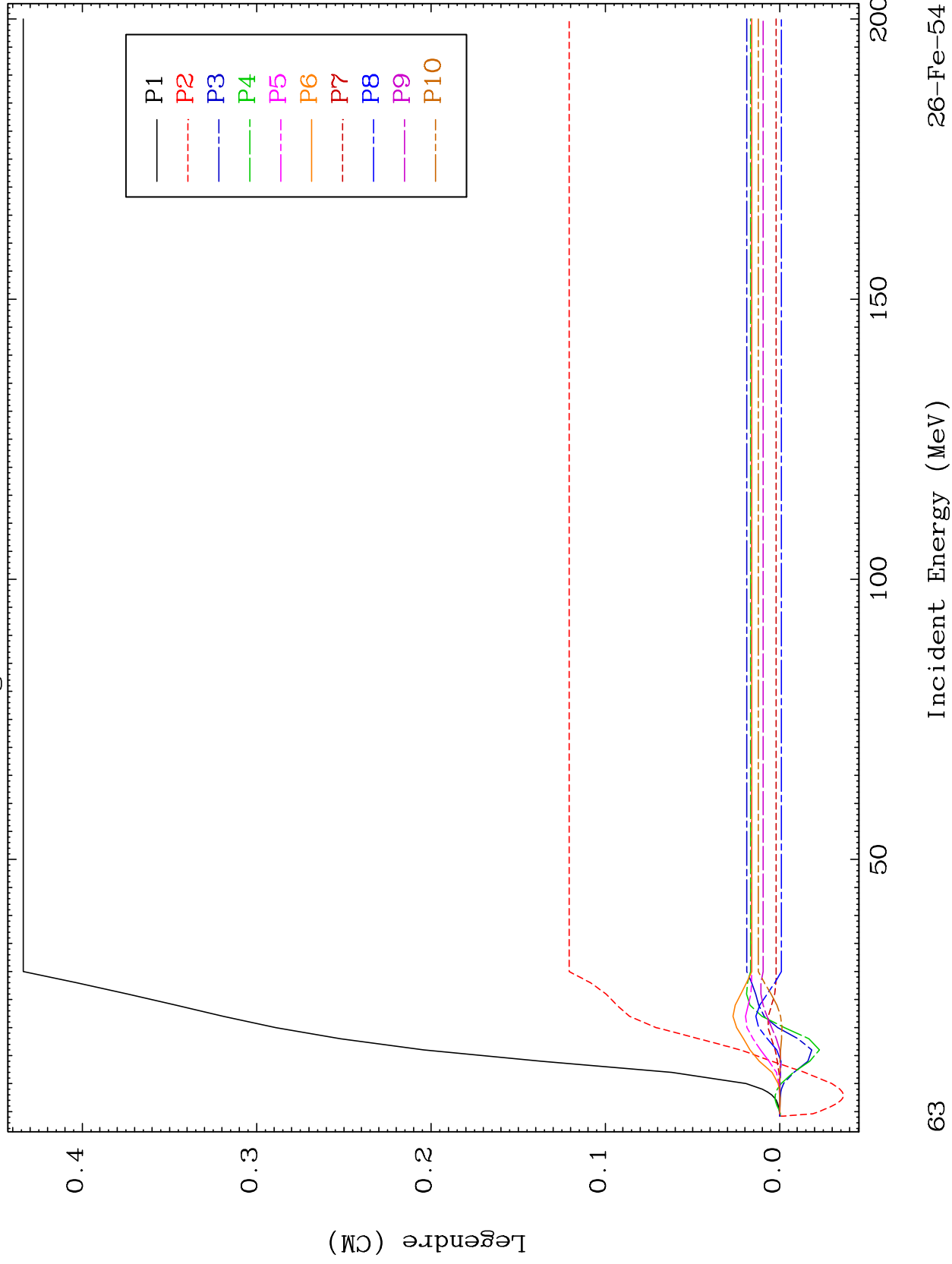
26-Fe-54



MAT 2625

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

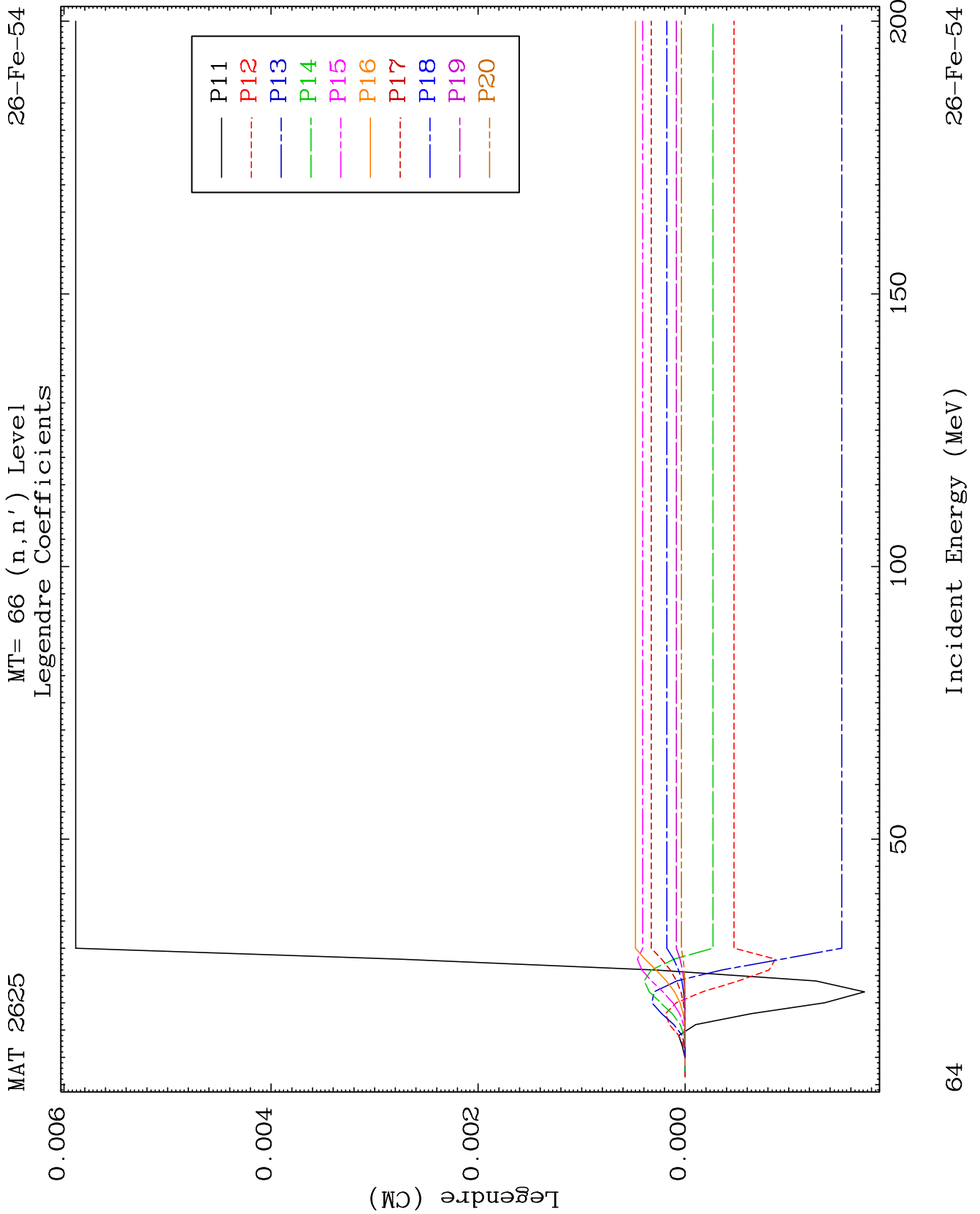
26-Fe-54



63

Incident Energy (MeV)

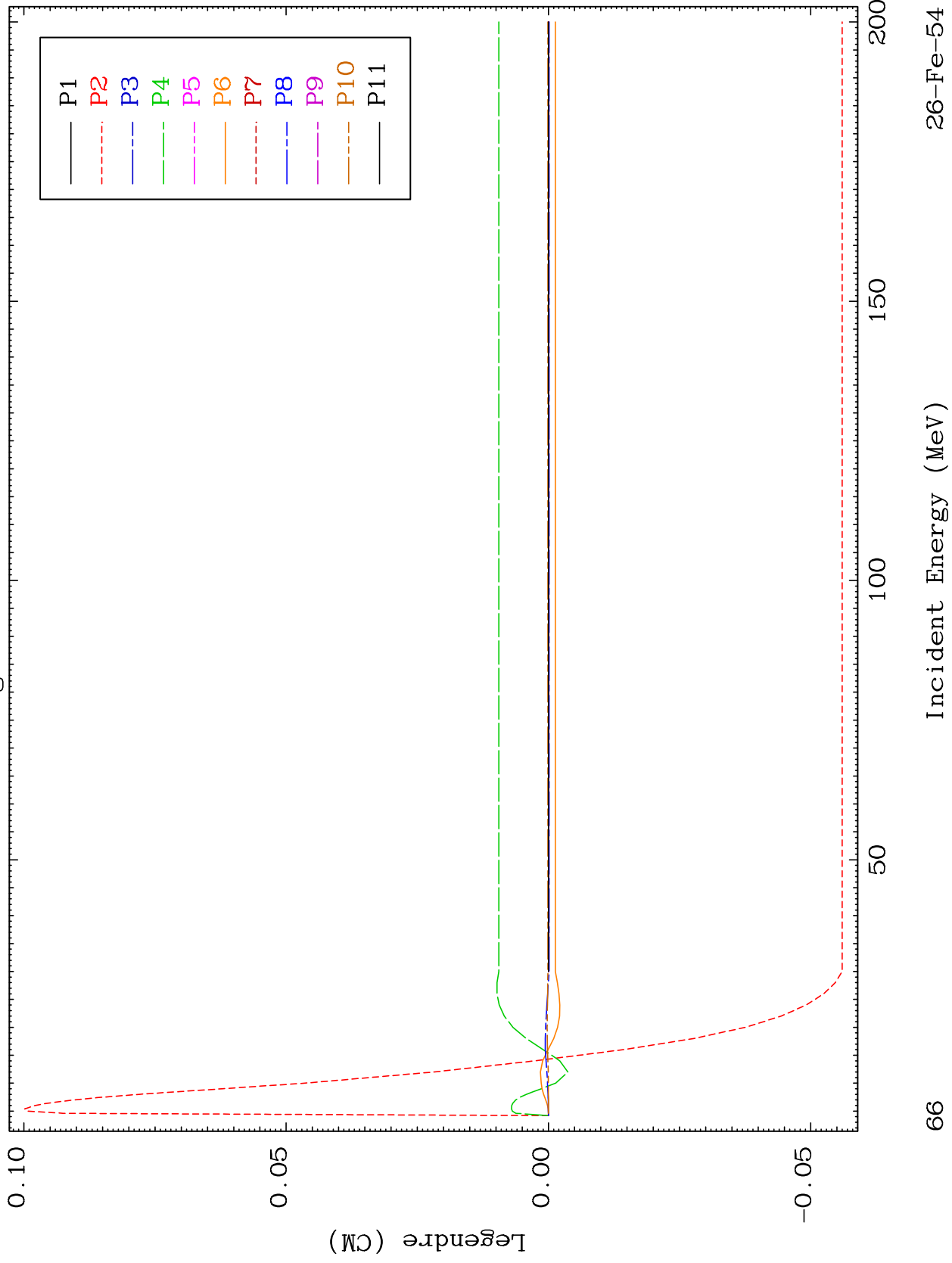
26-Fe-54



MAT 2625

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

26-Fe-54



66

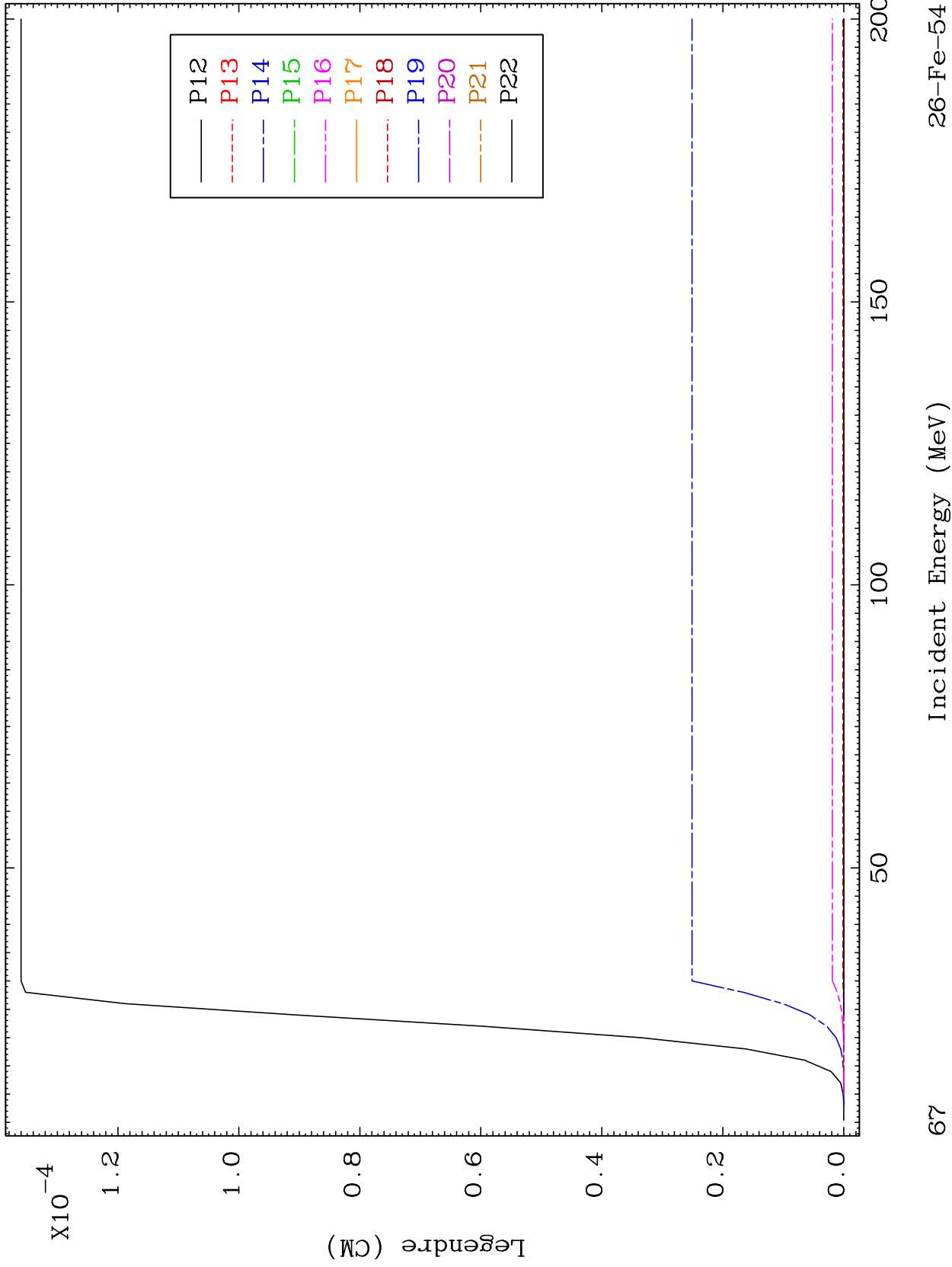
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

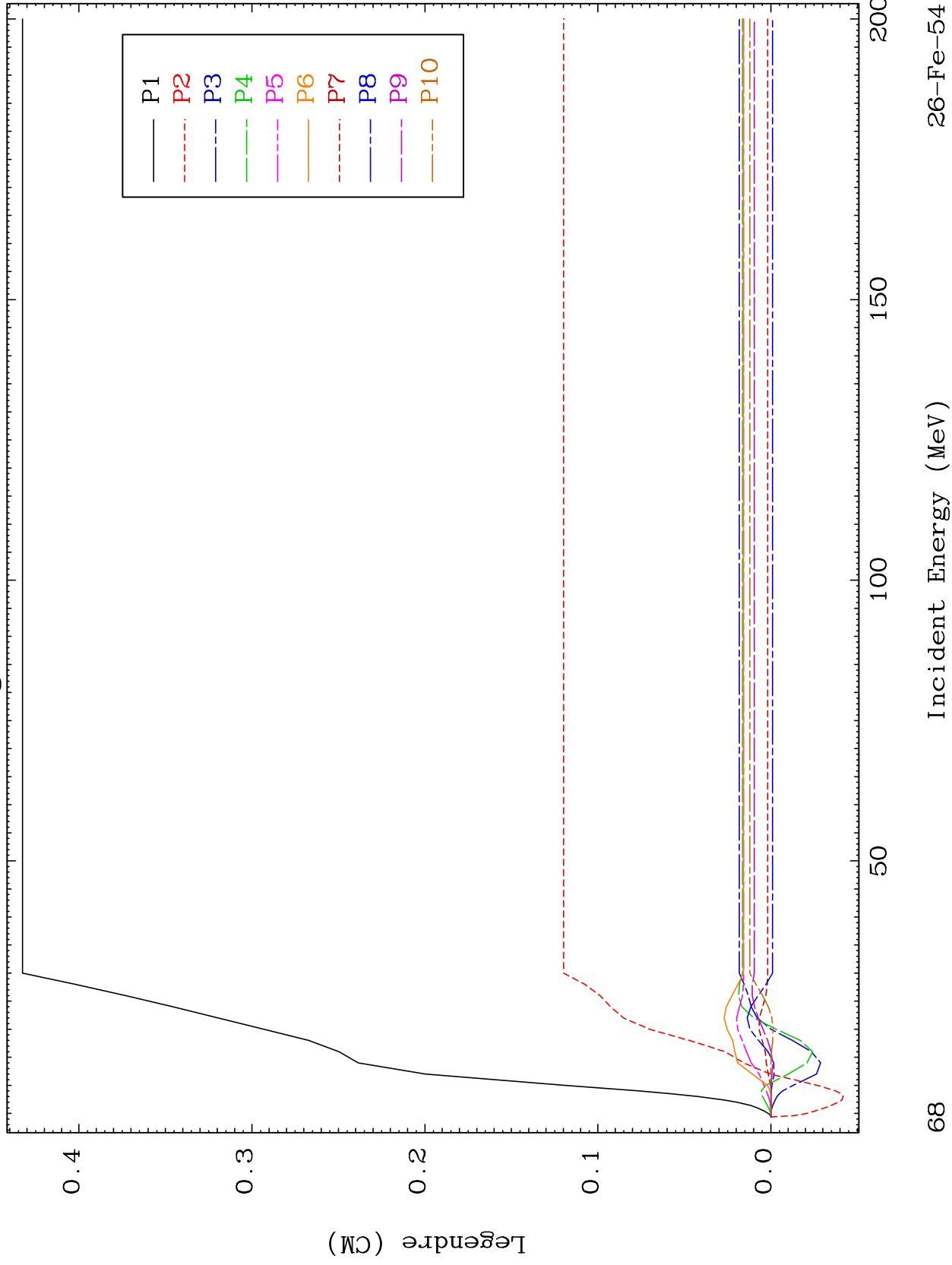
26-Fe-54



MAT 2625

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

26-Fe-54



68

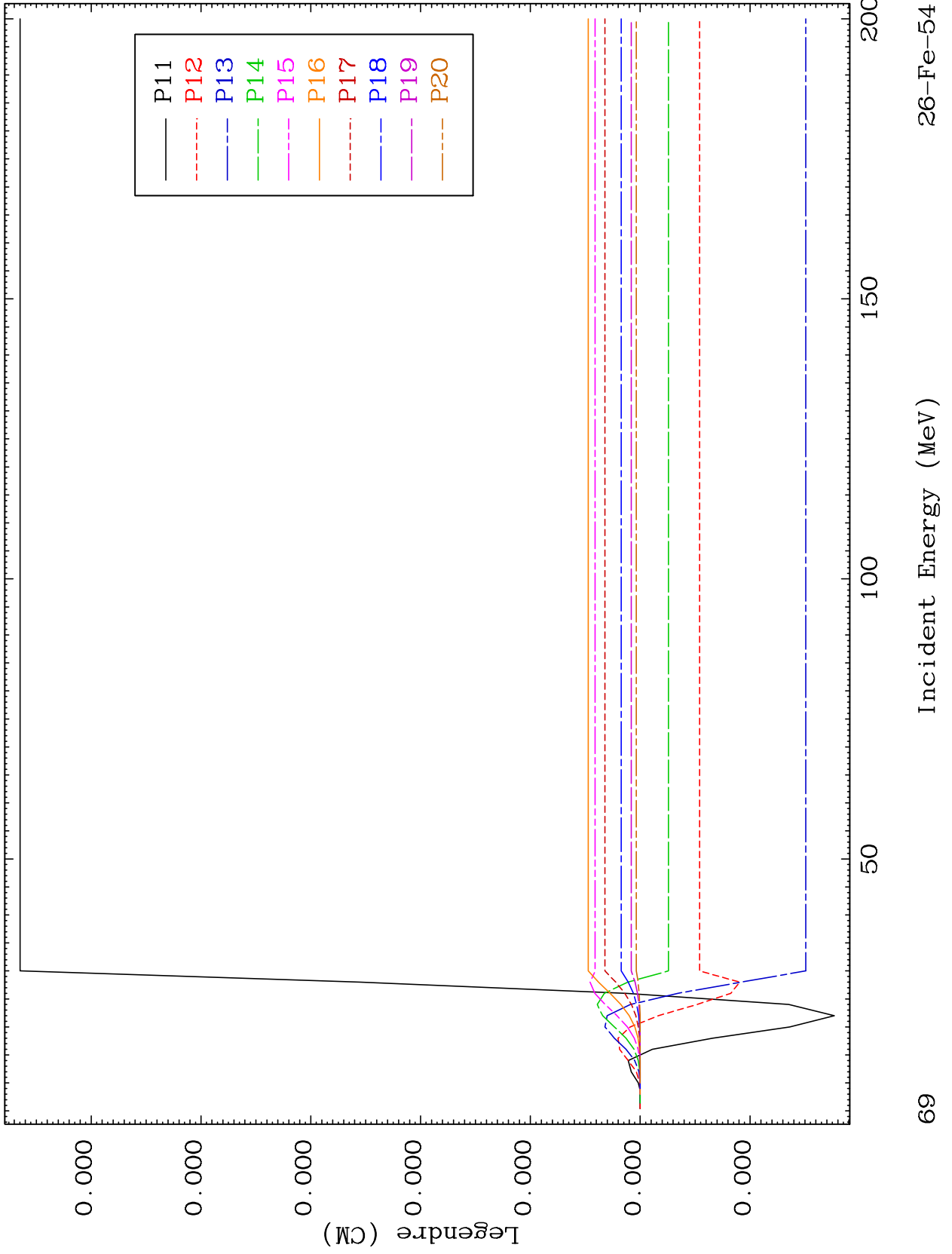
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

26-Fe-54



69

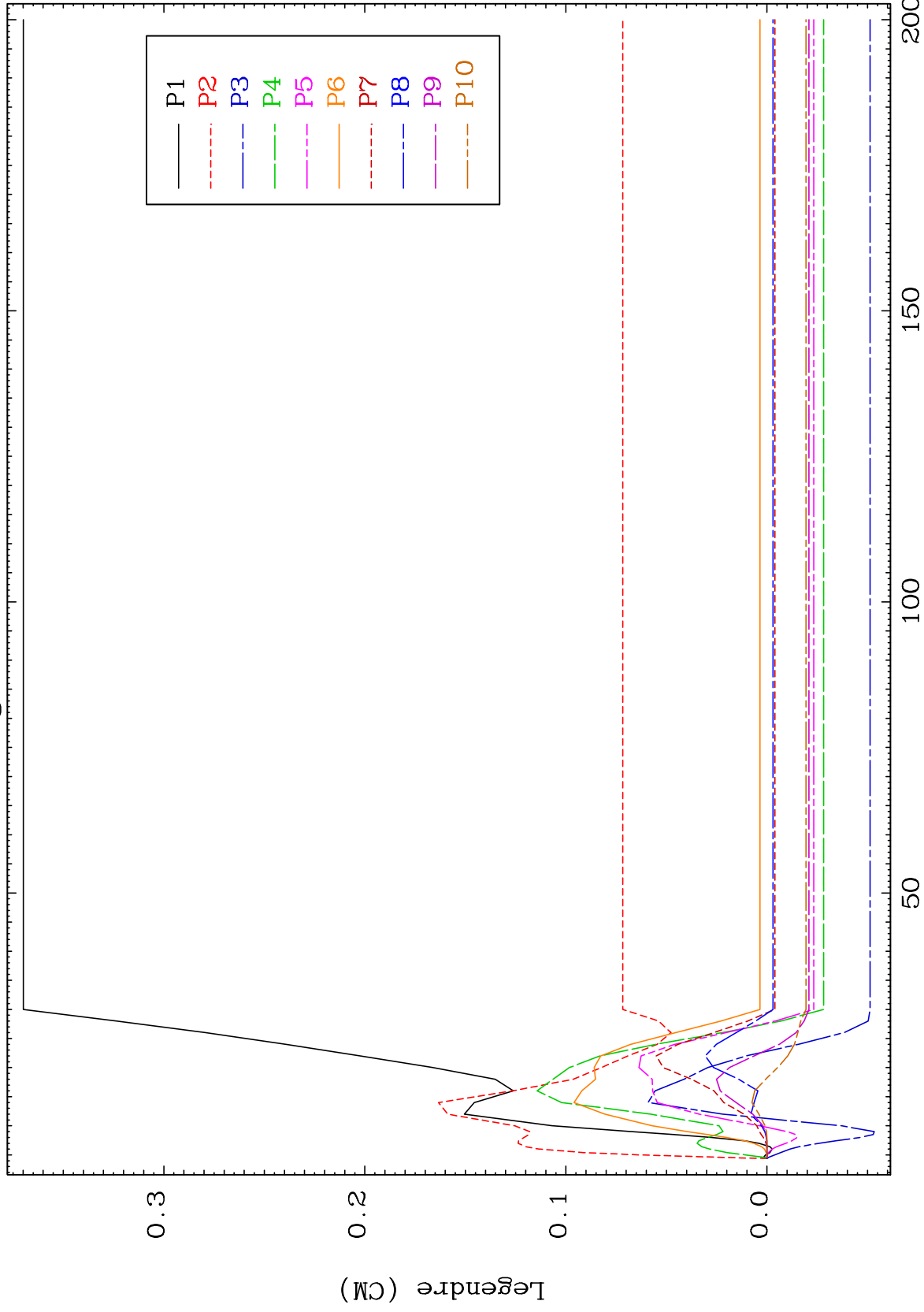
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

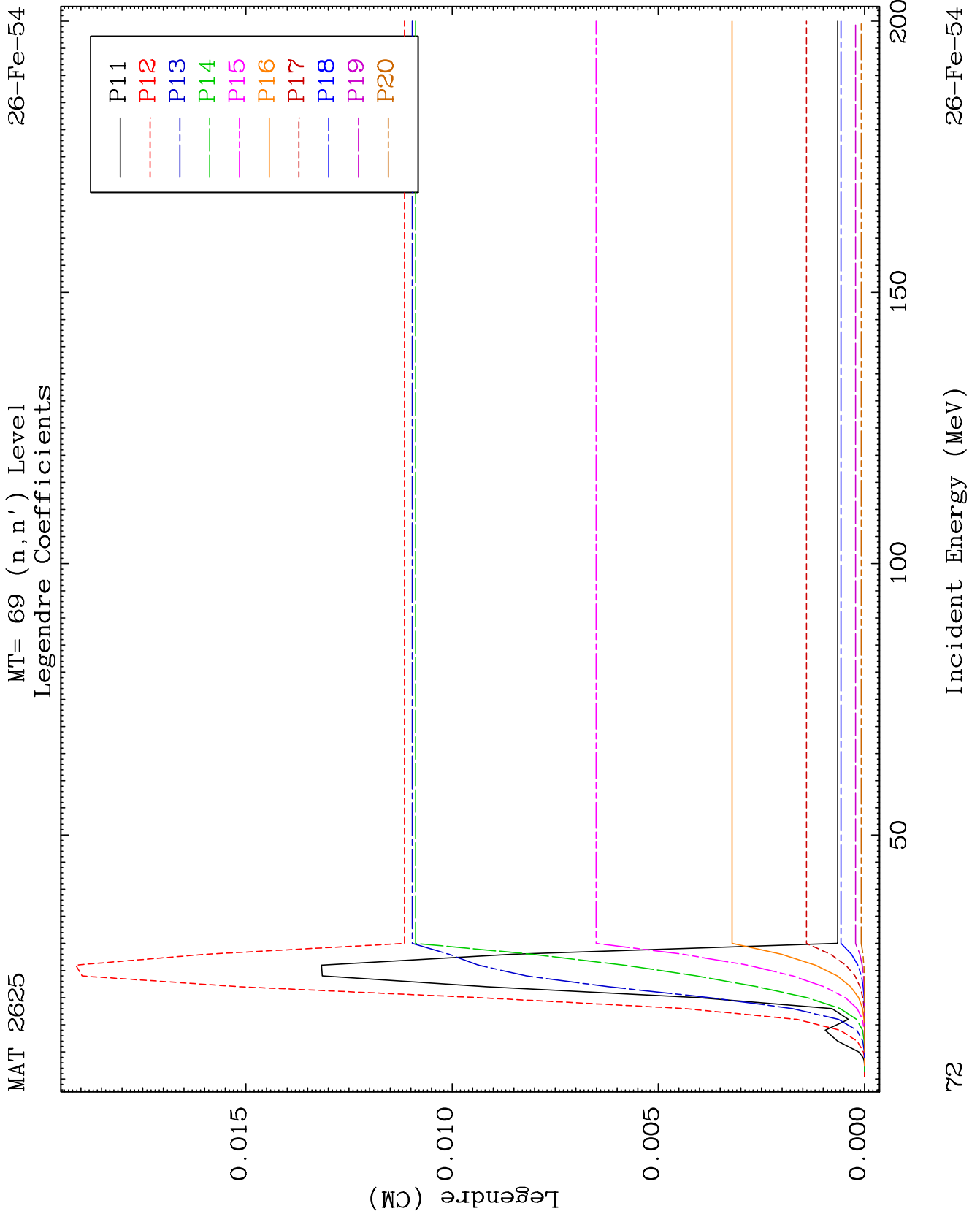
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71

Incident Energy (MeV)

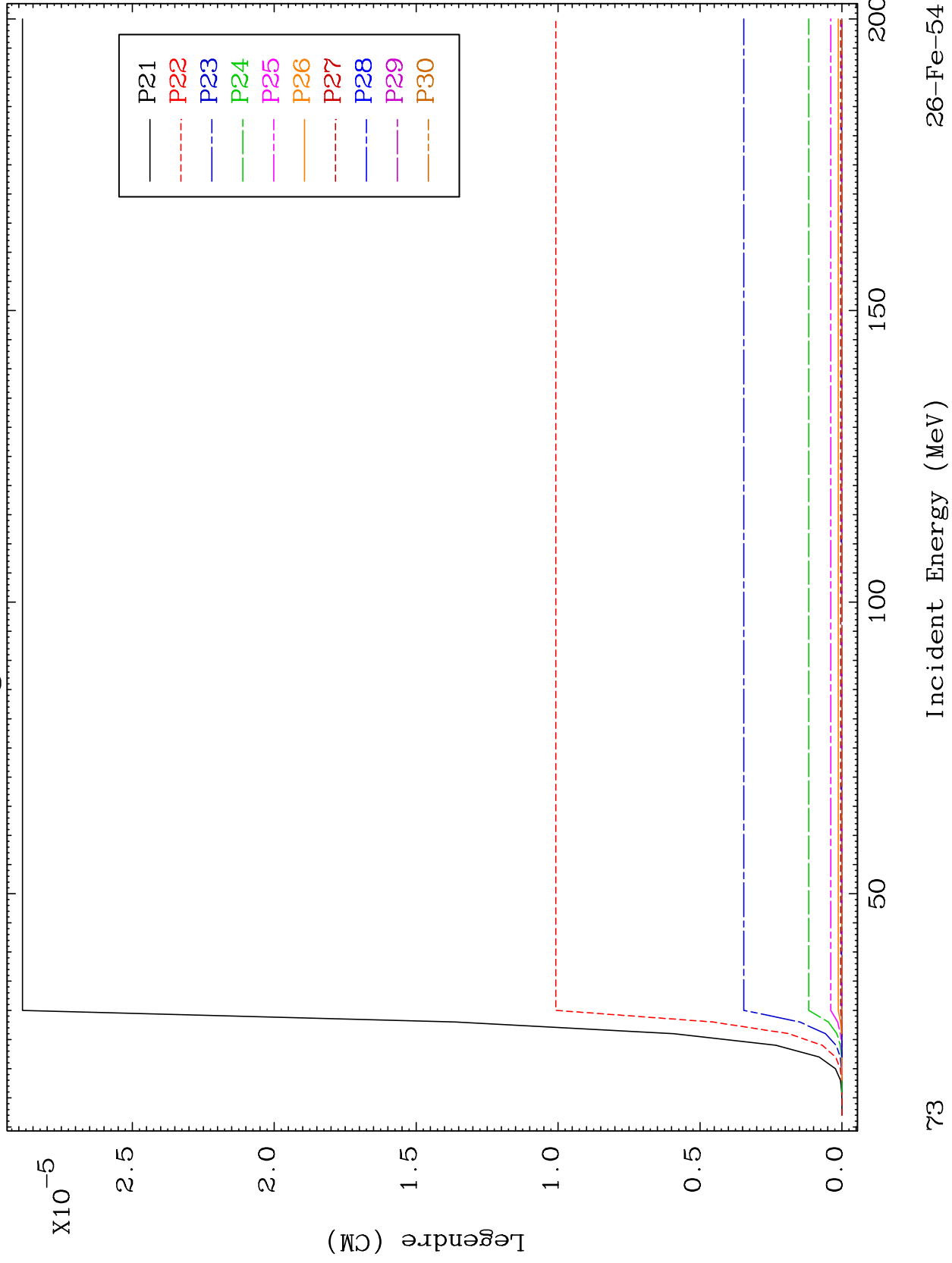
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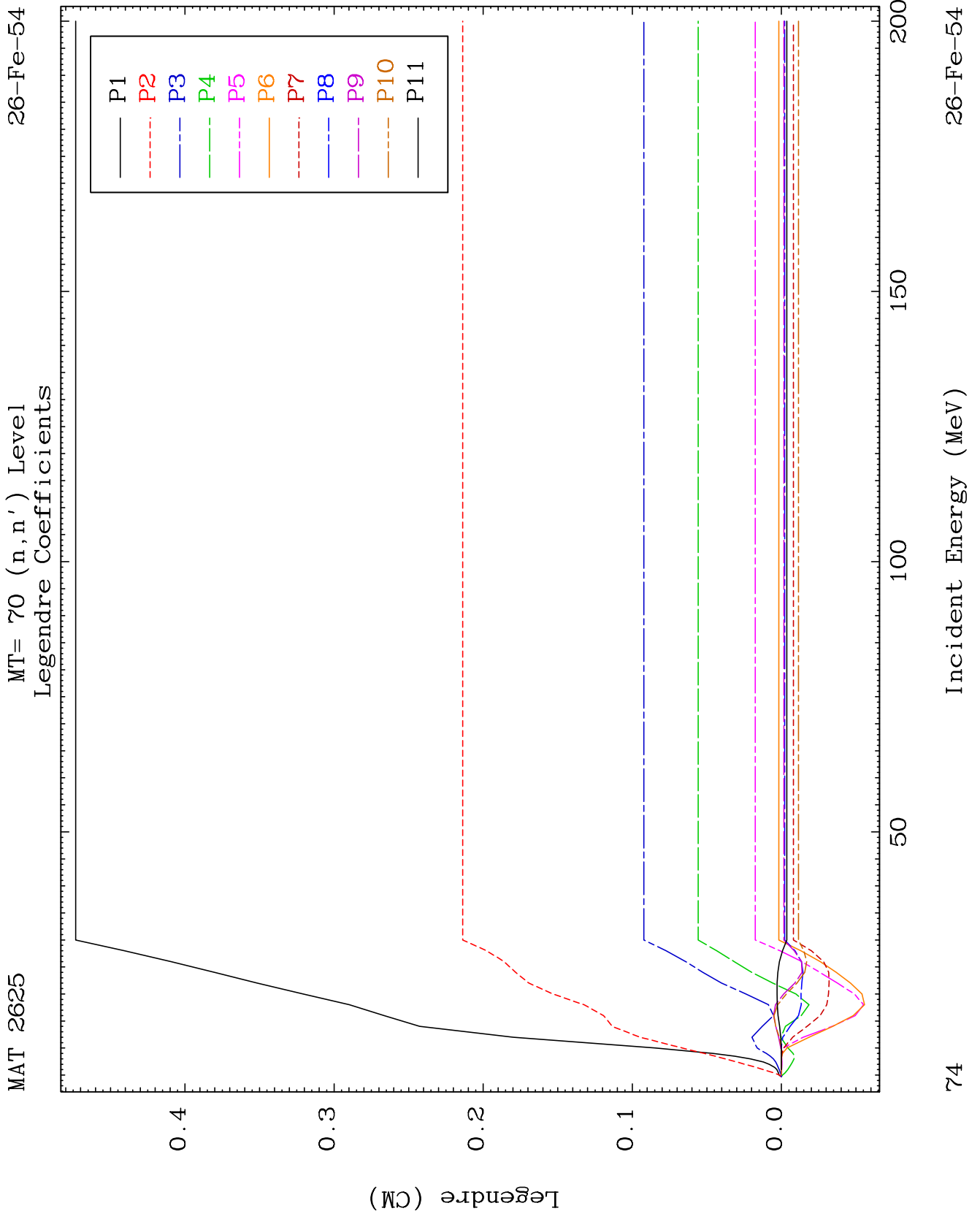


MAT 2625

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

26-Fe-54

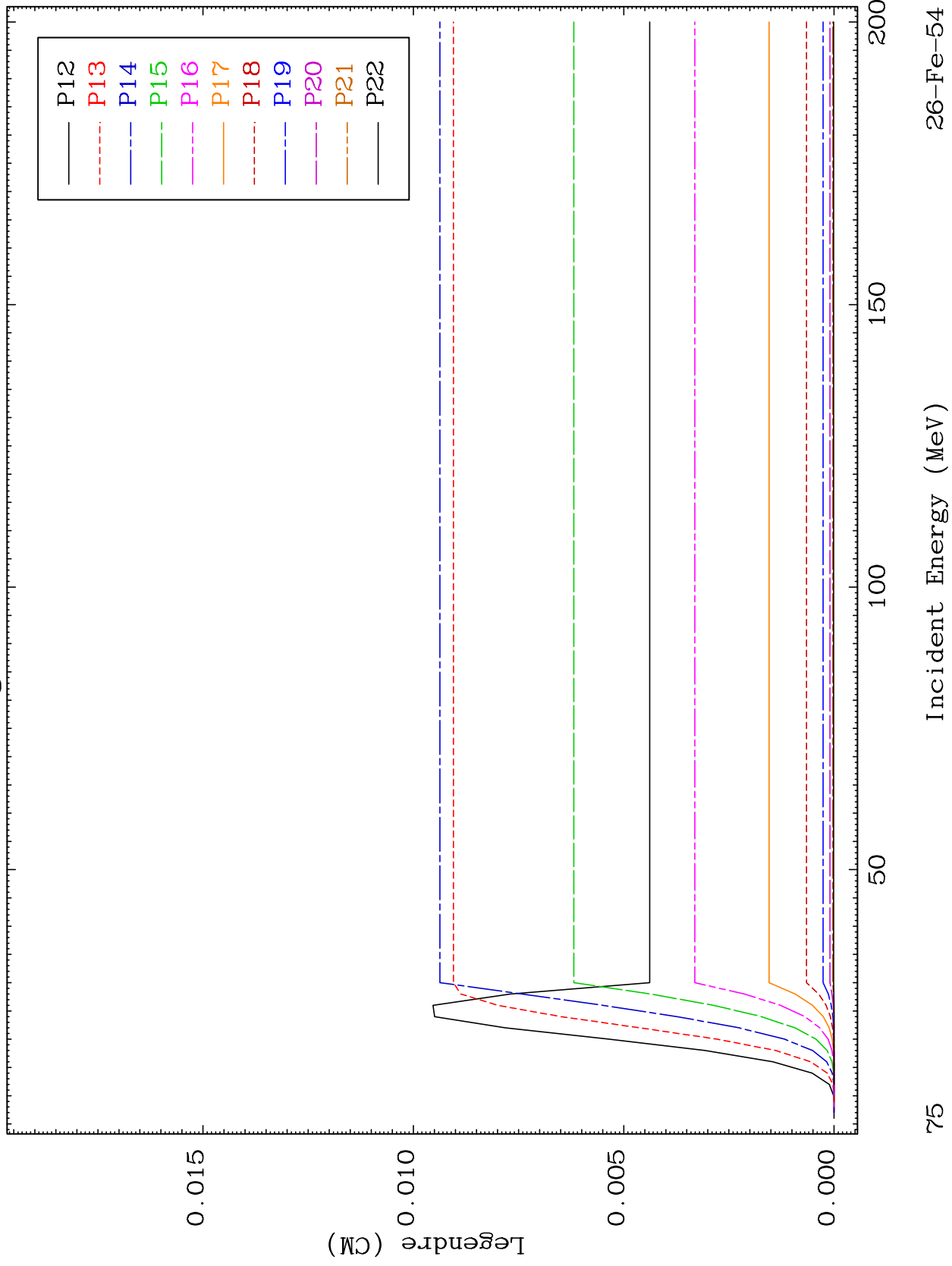




MAT 2625

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

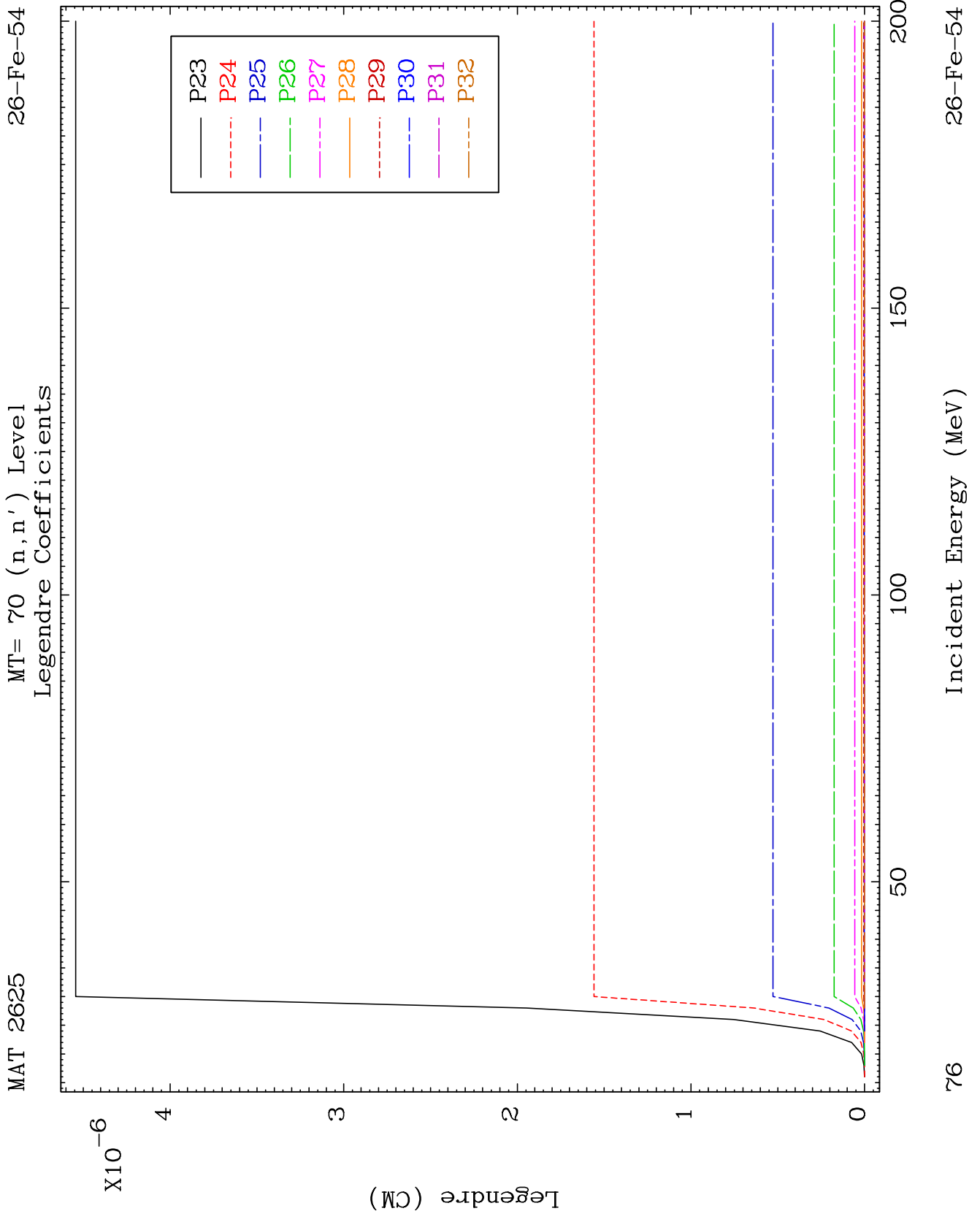
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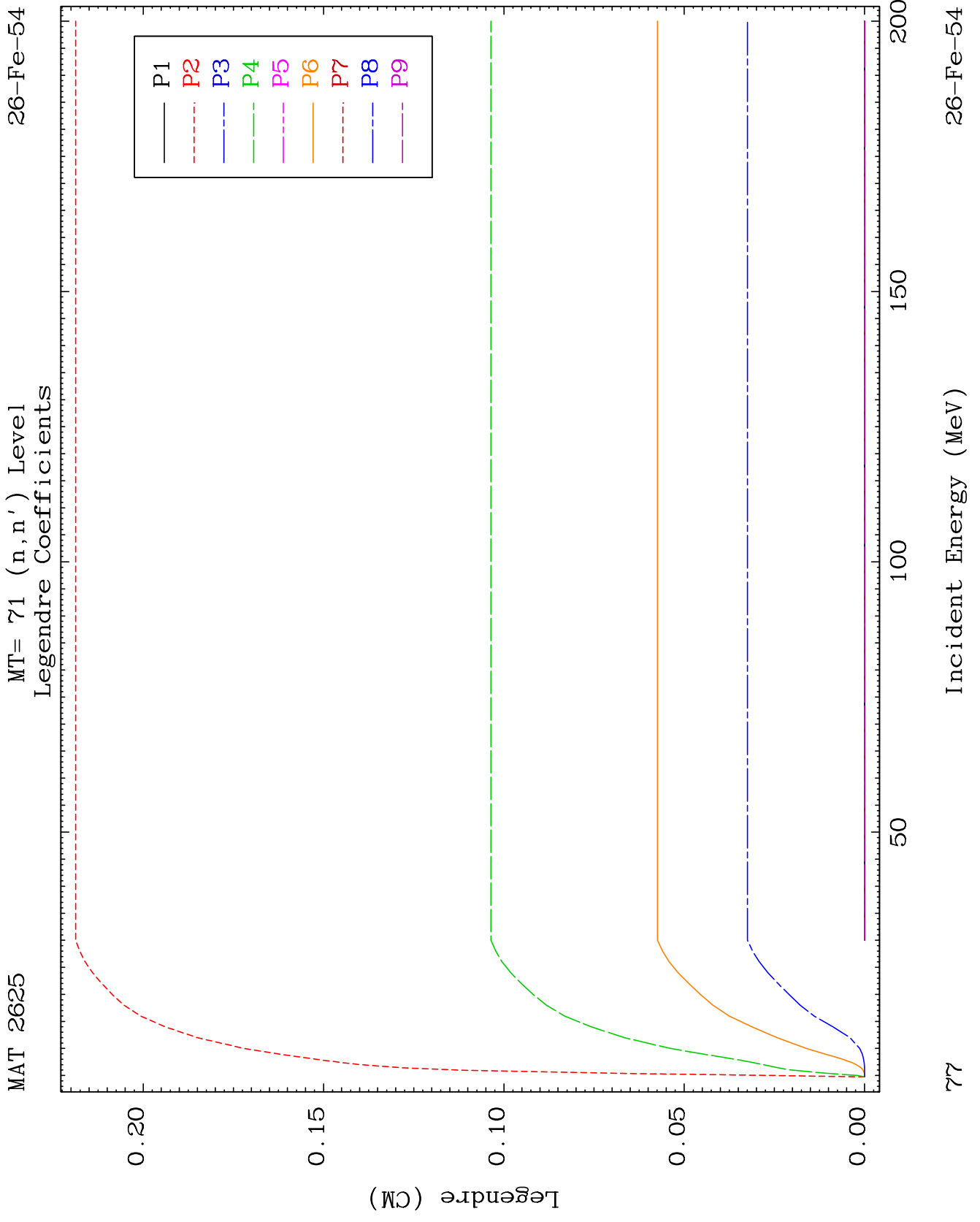


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Incident Energy (MeV)

26-Fe-54

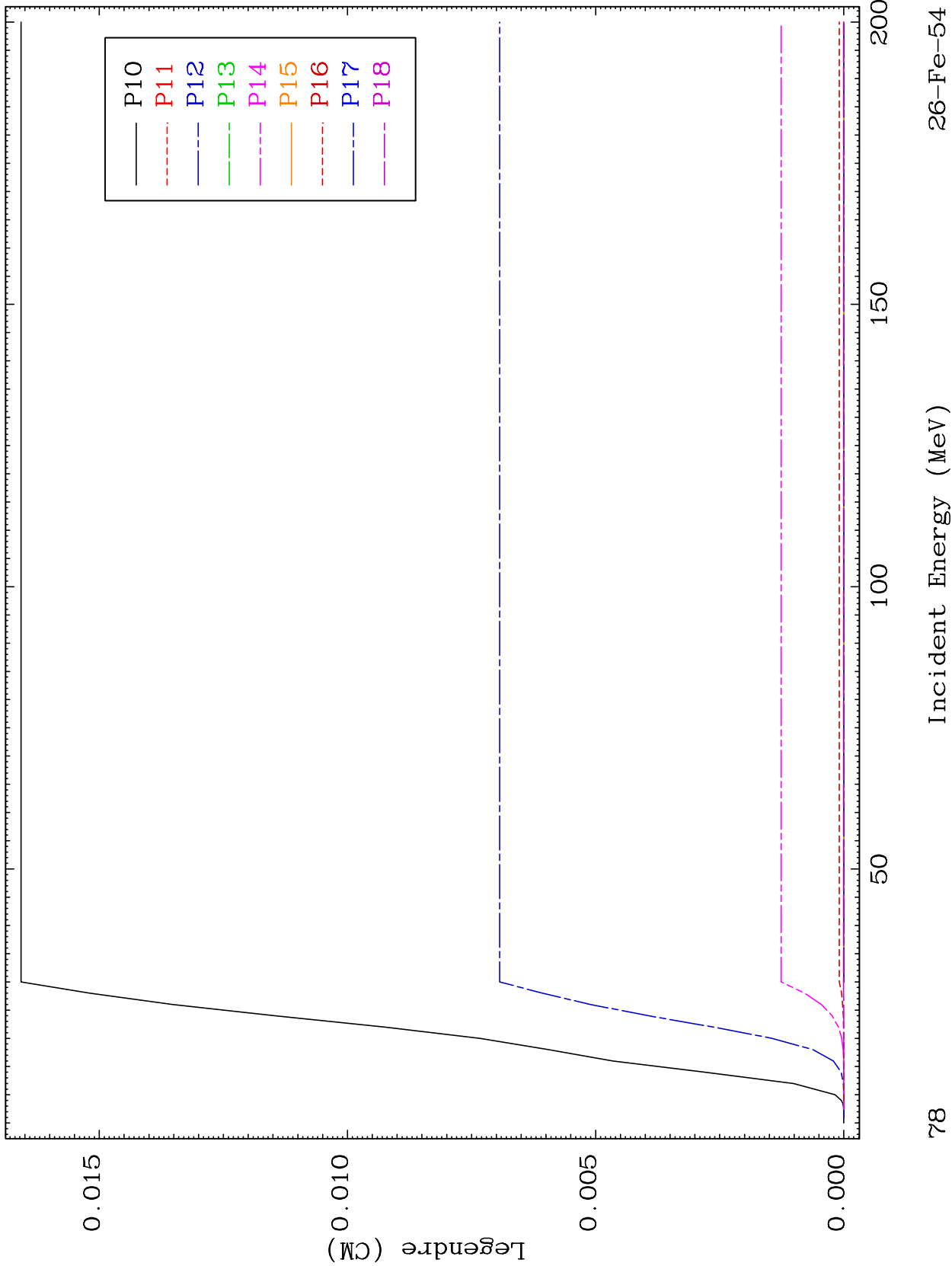




MAT 2625

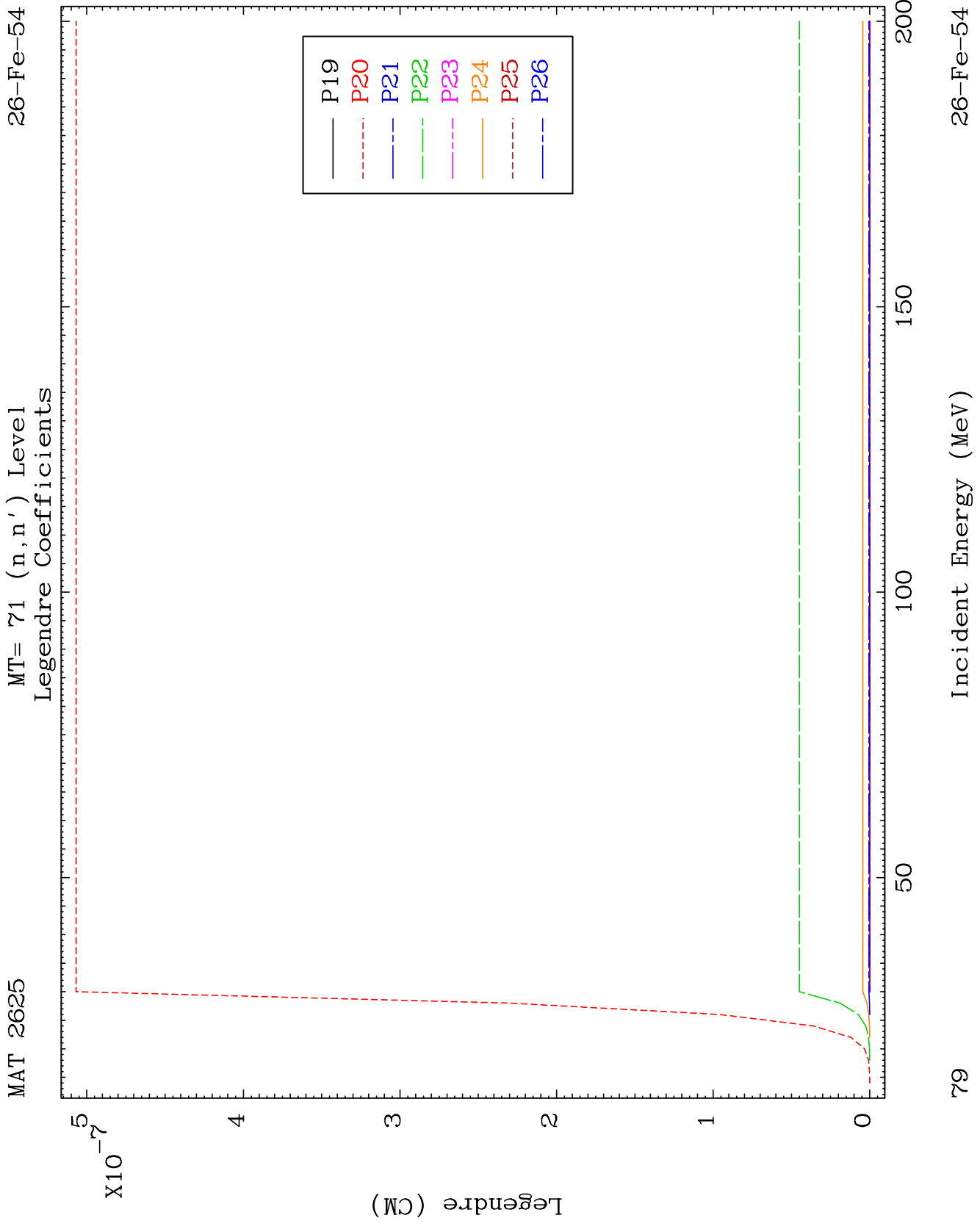
MT= 71 (n,n') Level
Legendre Coefficients

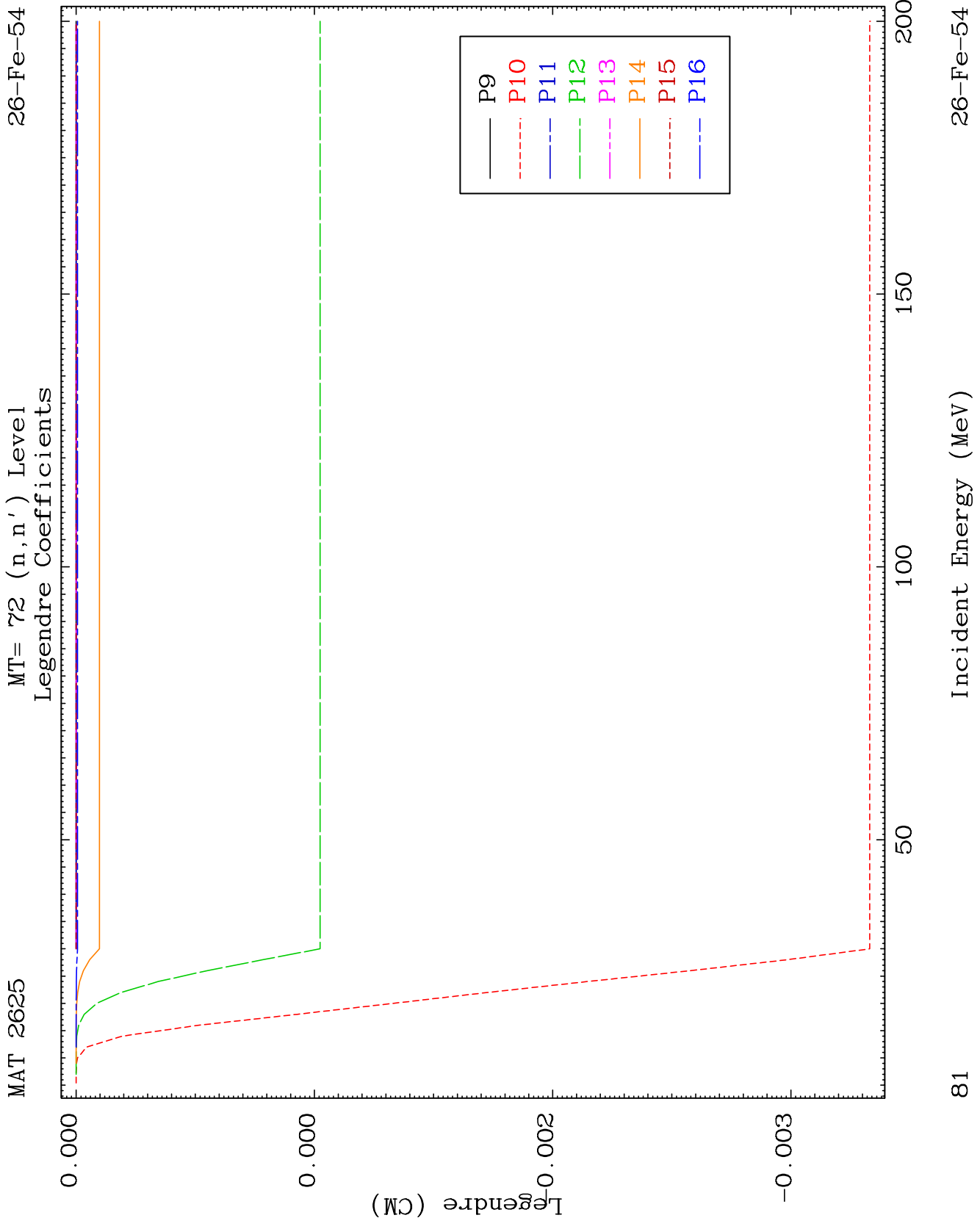
26-Fe-54

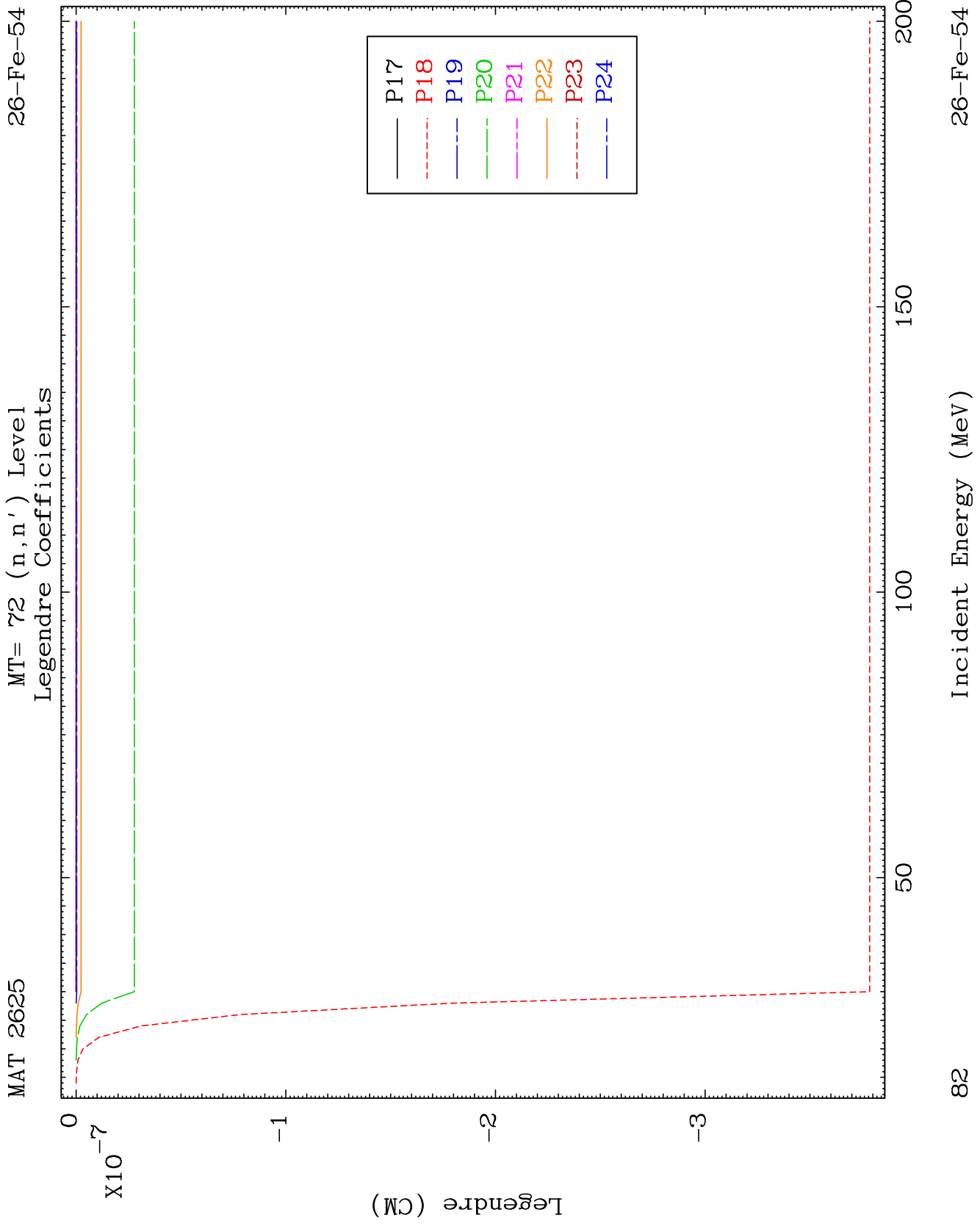


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26-Fe-54



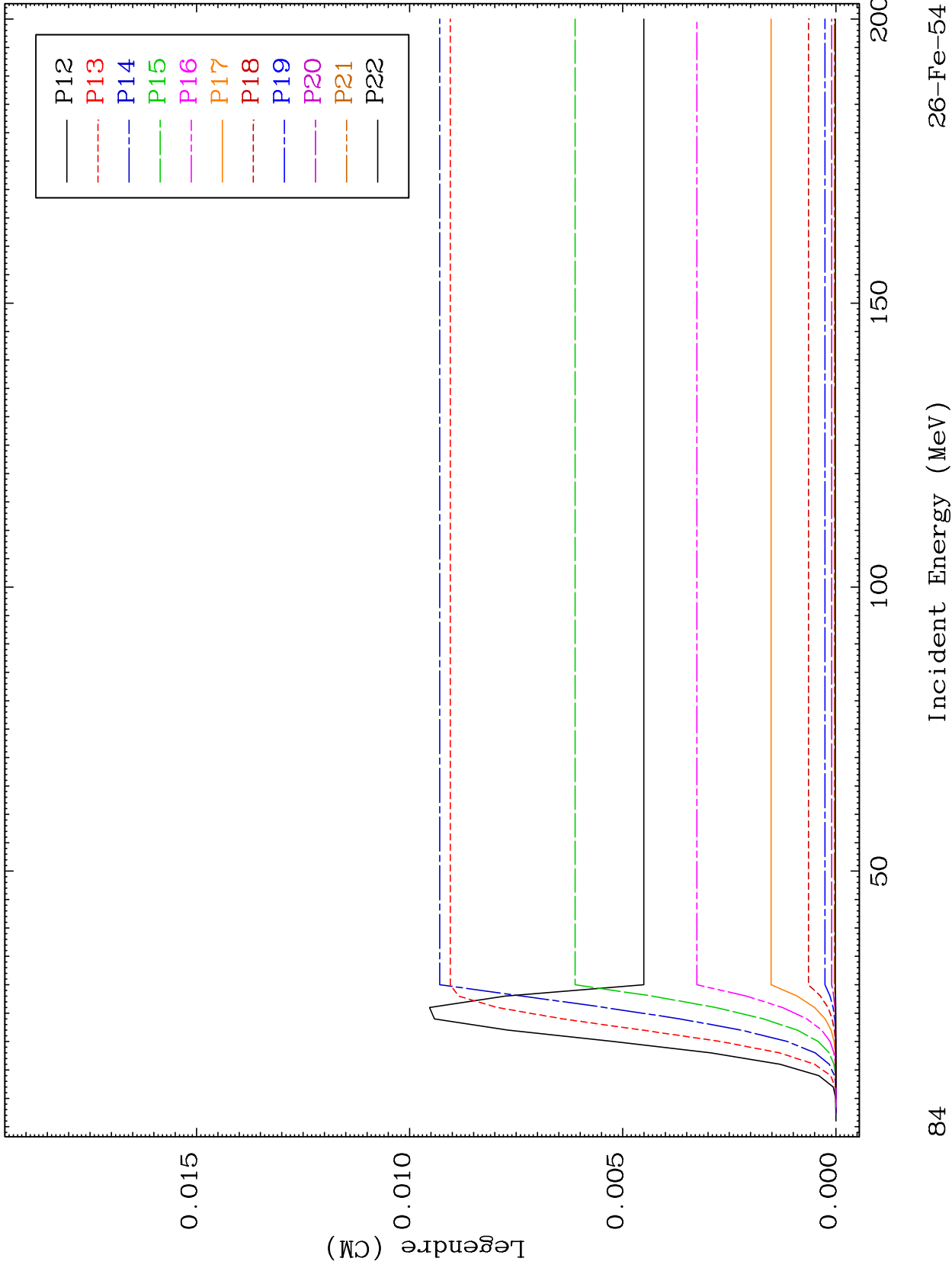




MAT 2625

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

26-Fe-54



84

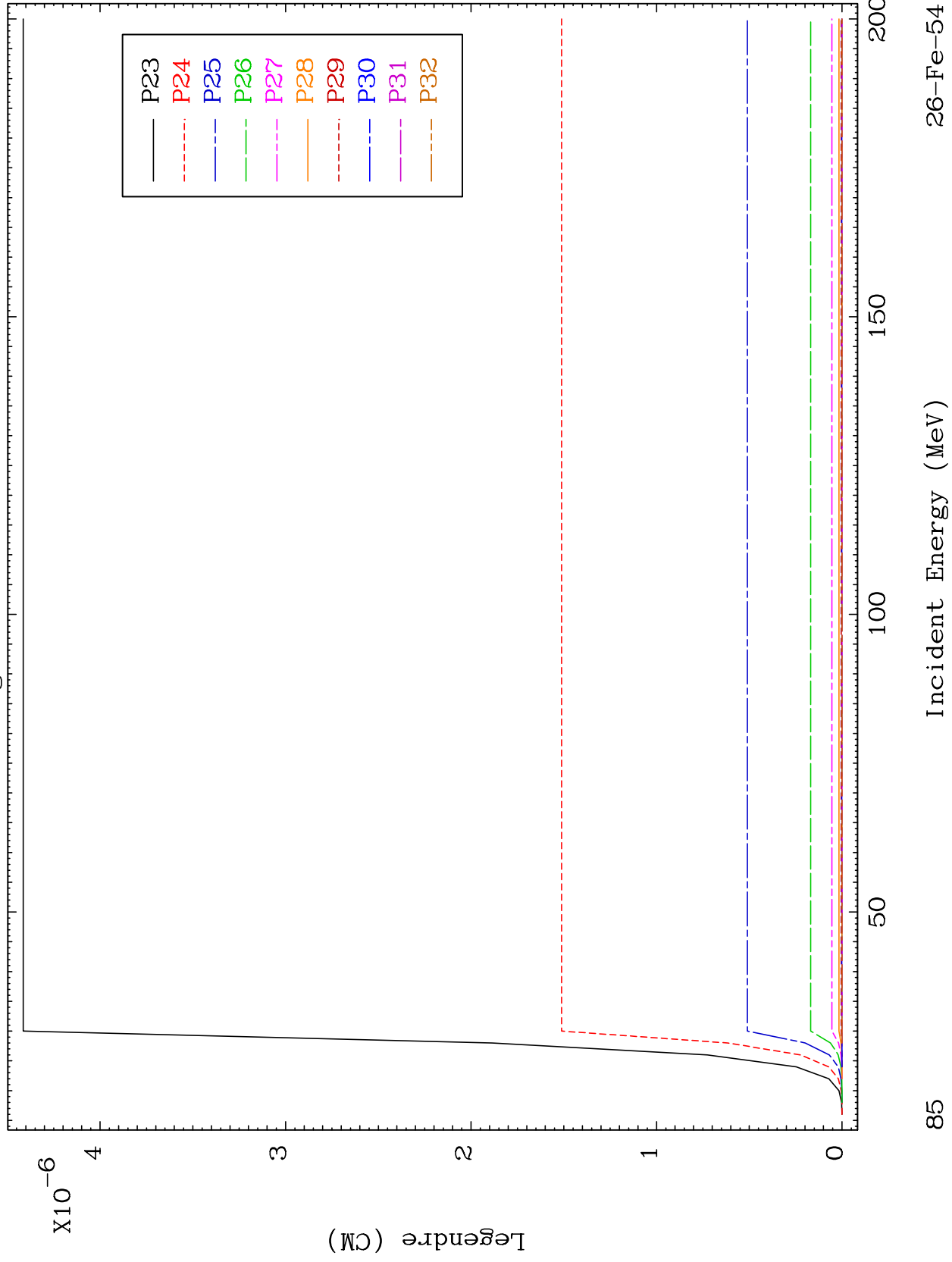
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

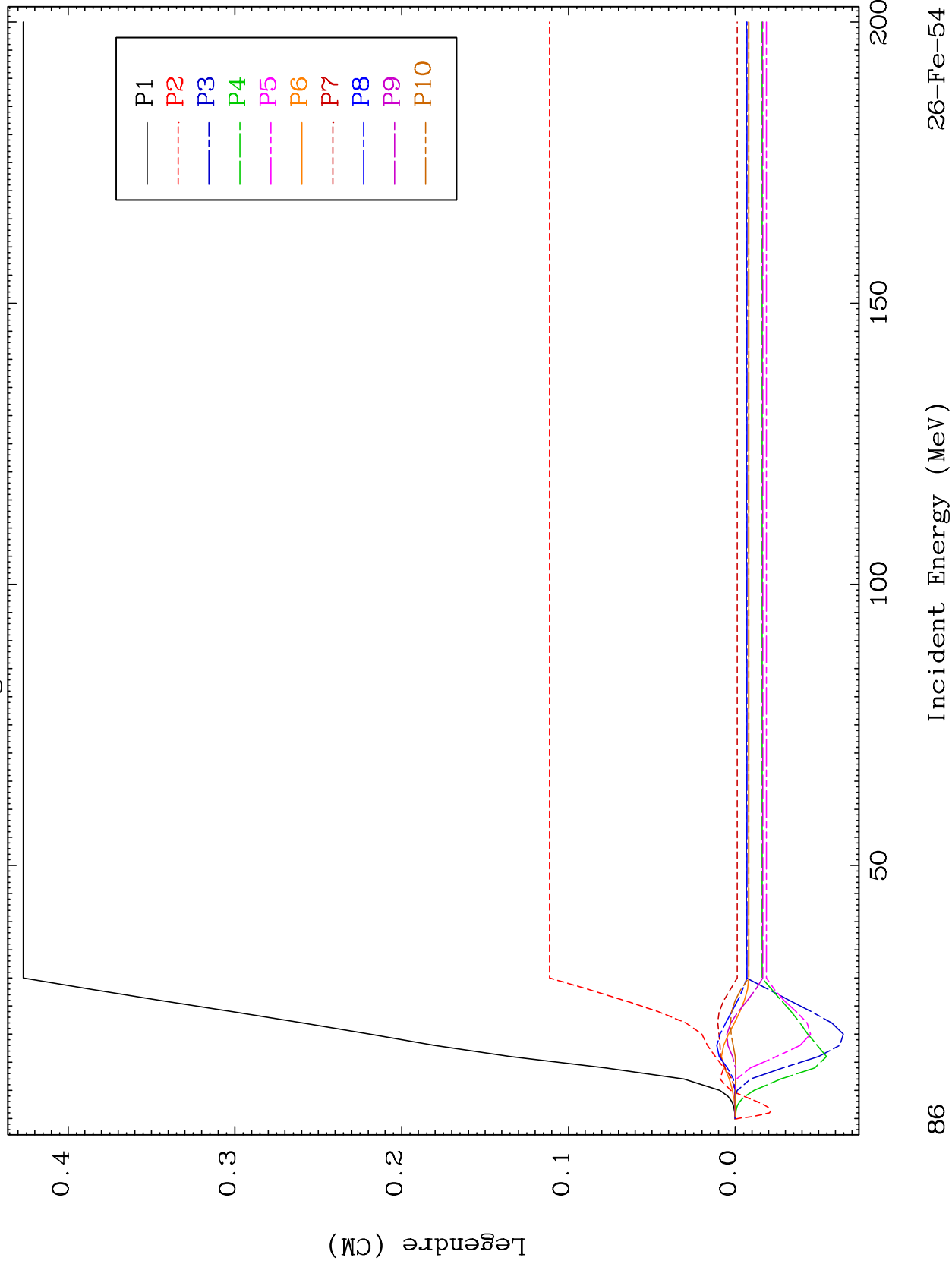
26-Fe-54



MAT 2625

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

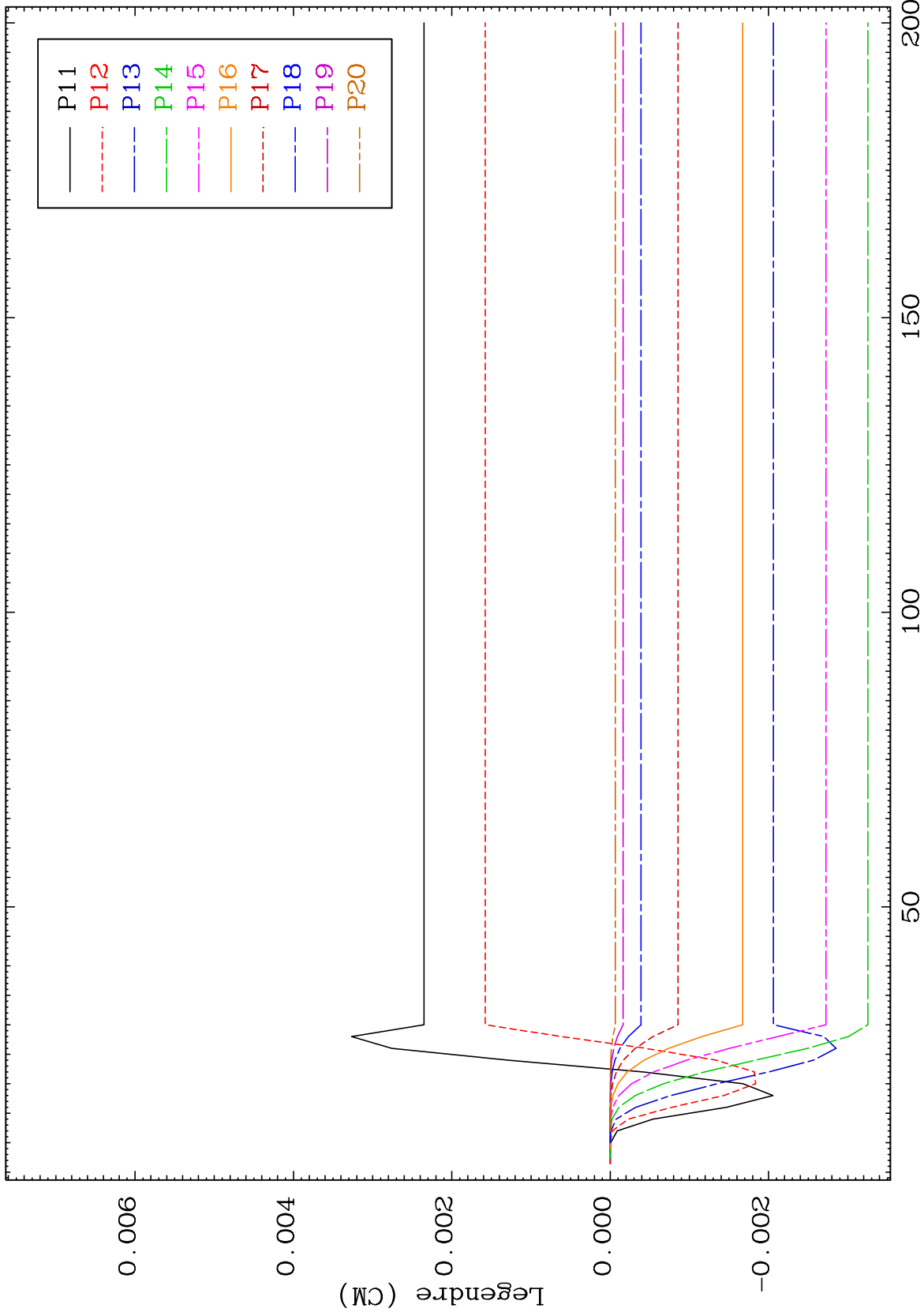
26-Fe-54



MAT 2625

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

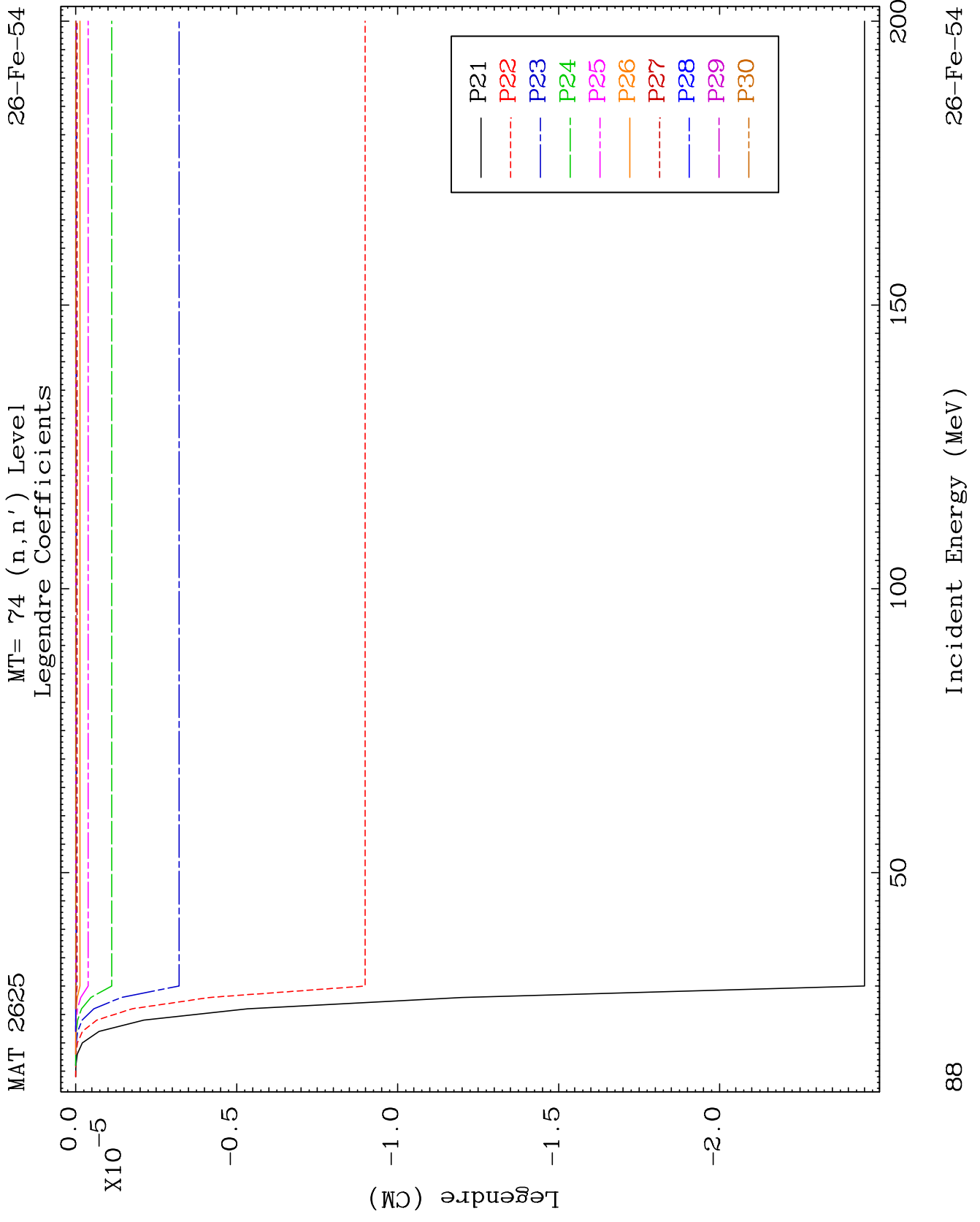
26-Fe-54



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Incident Energy (MeV)

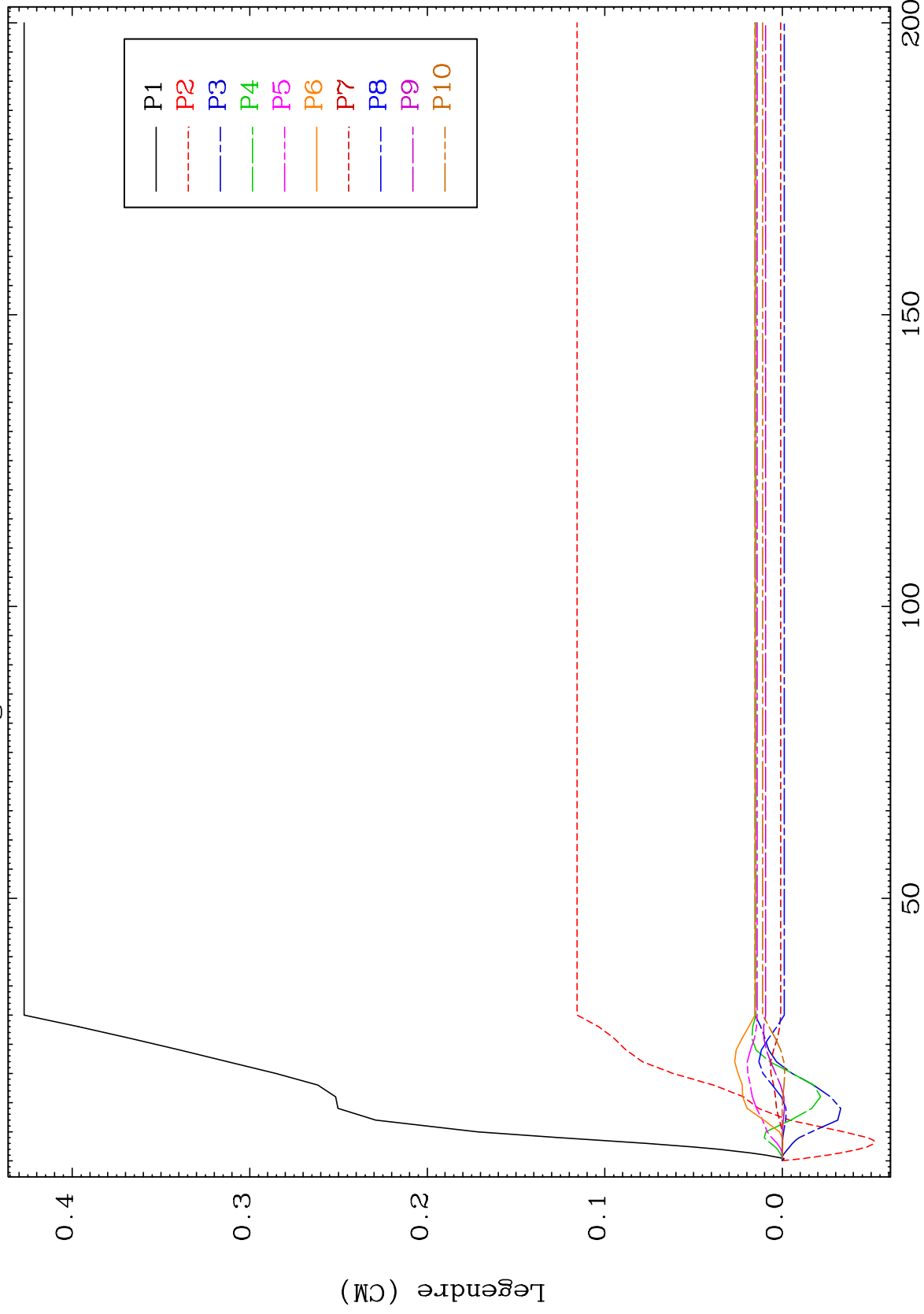
26-Fe-54



MAT 2625

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

26-Fe-54



89

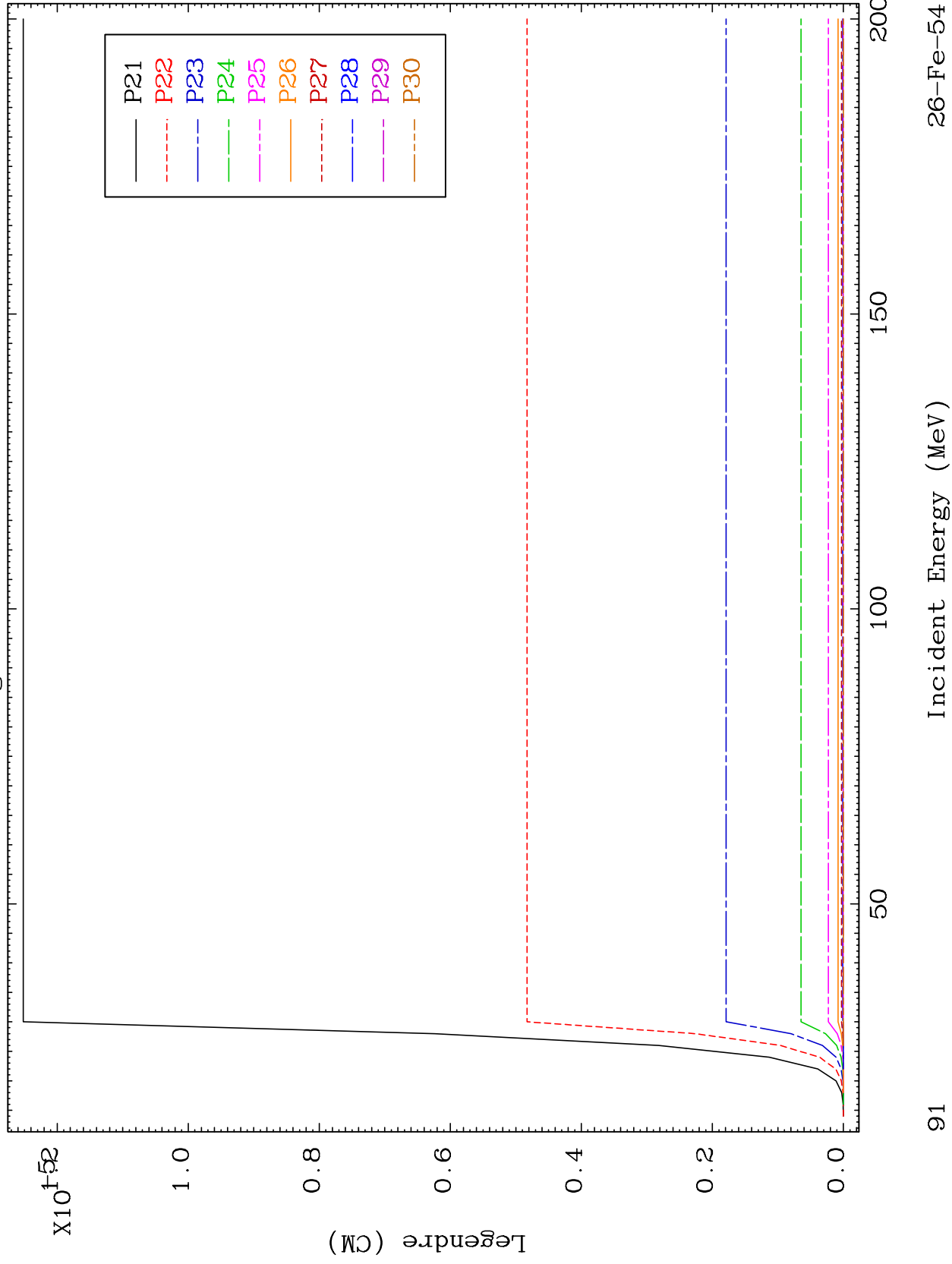
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

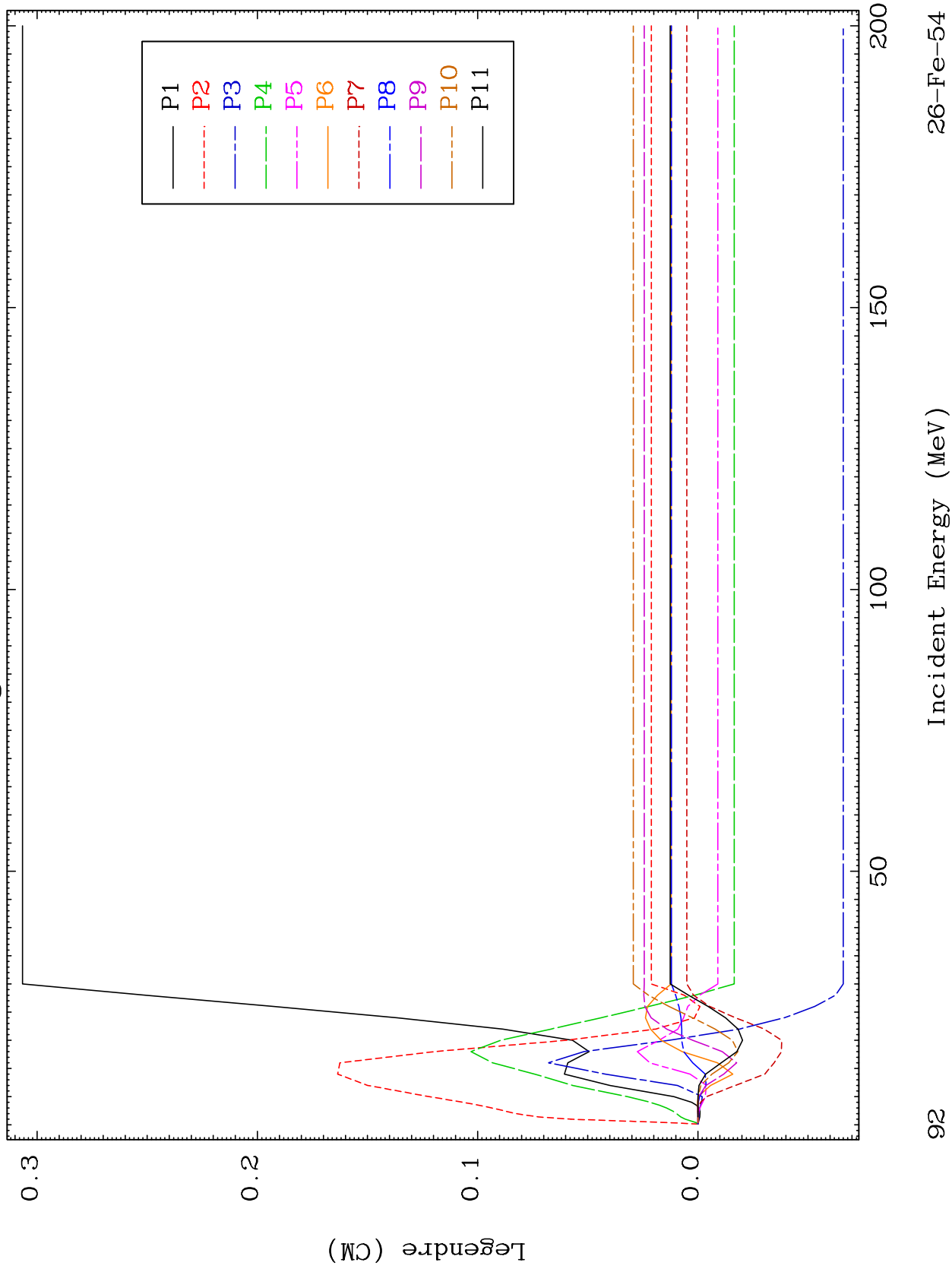
26-Fe-54



MAT 2625

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

26-Fe-54



92

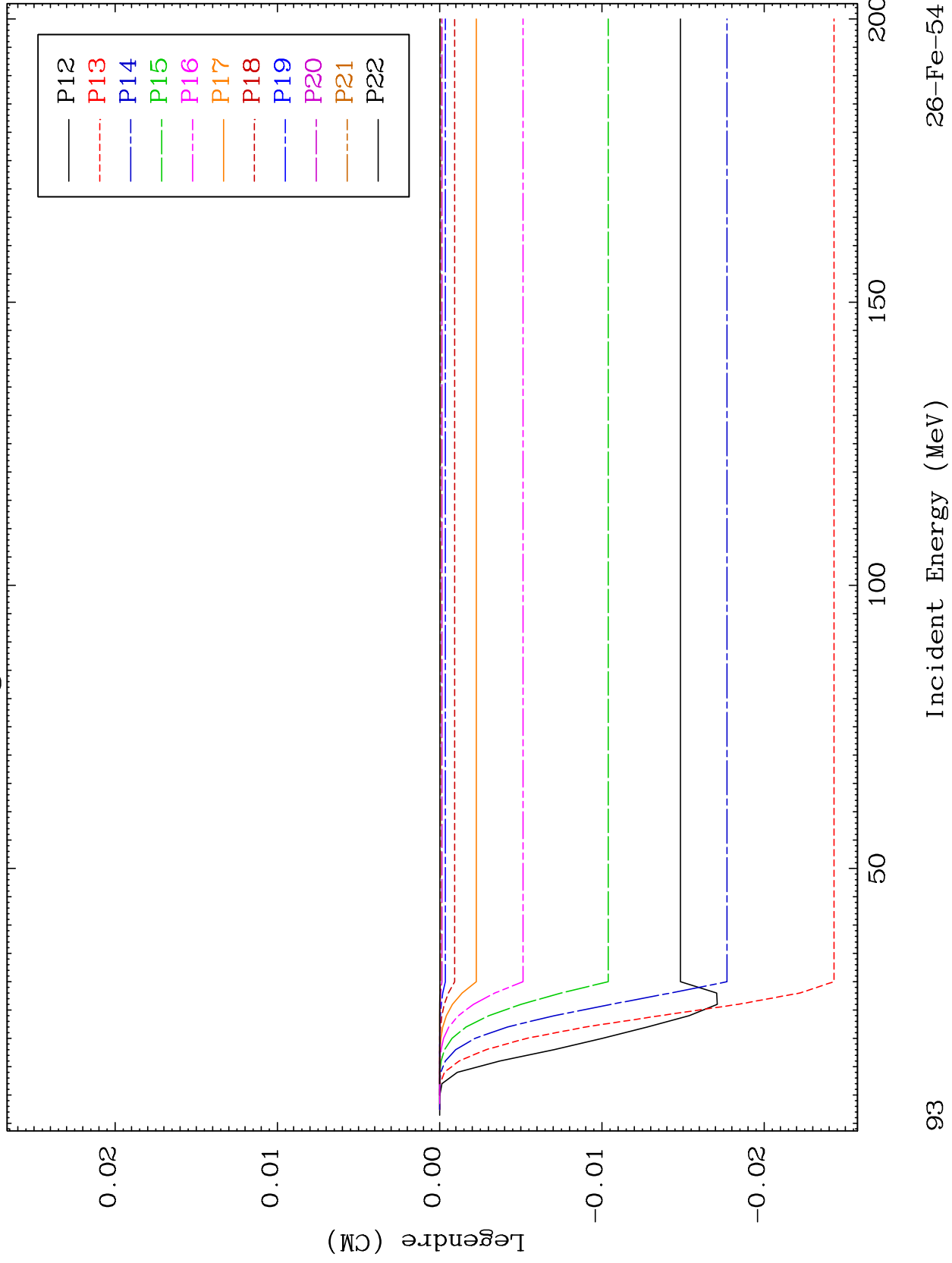
Incident Energy (MeV)

26-Fe-54

MAT 2625

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

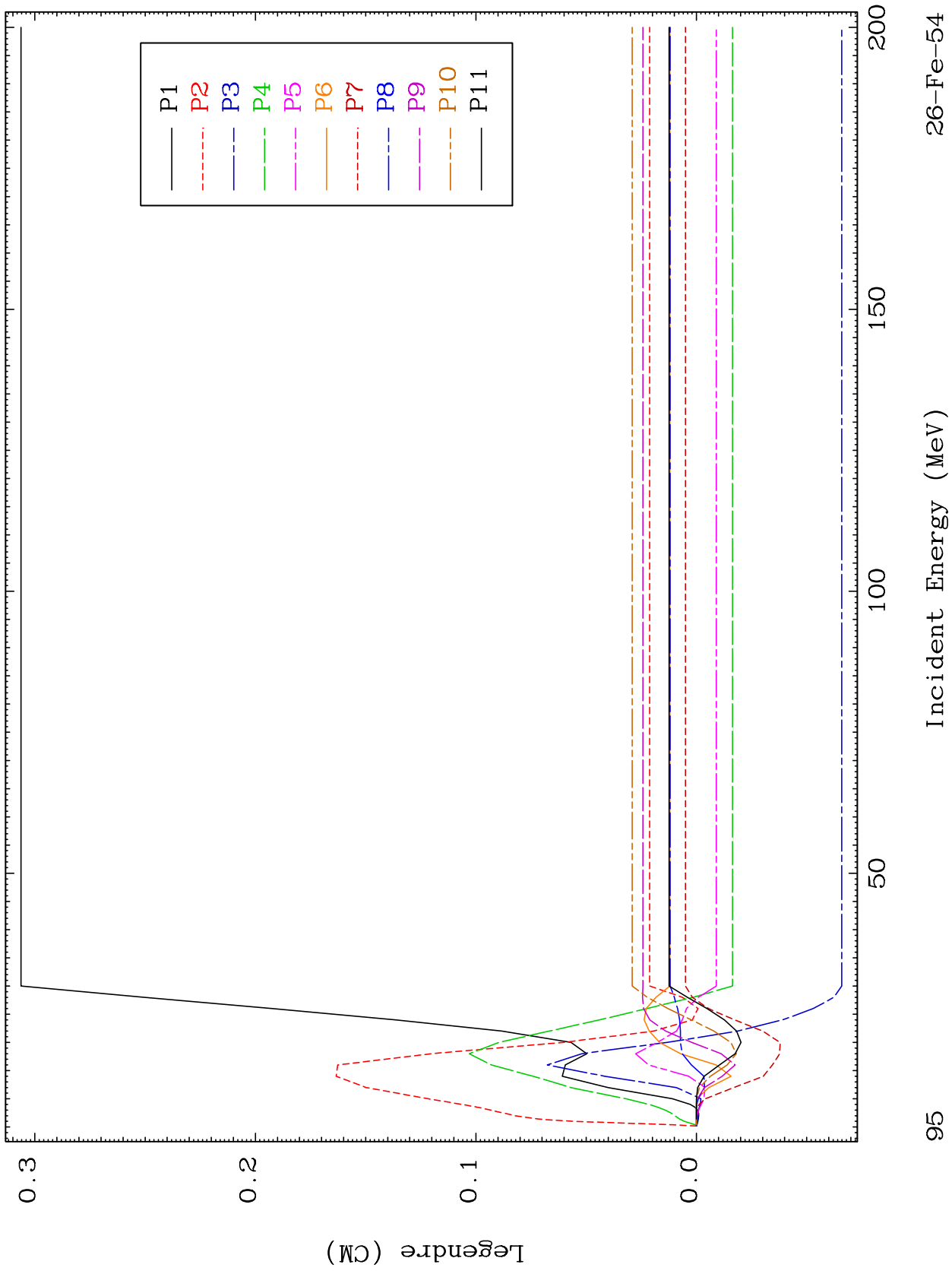
26-Fe-54



MAT 2625

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

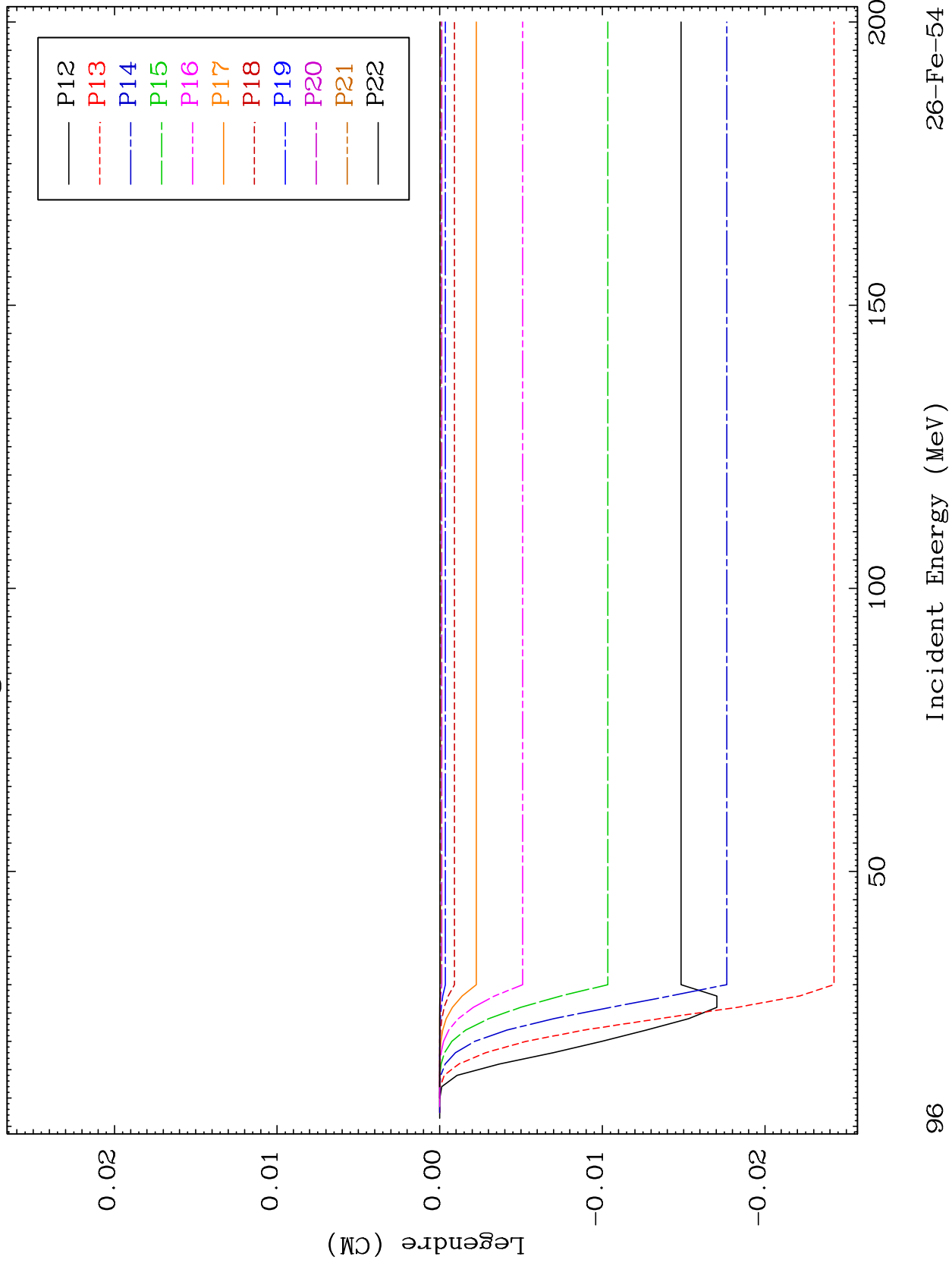
26-Fe-54

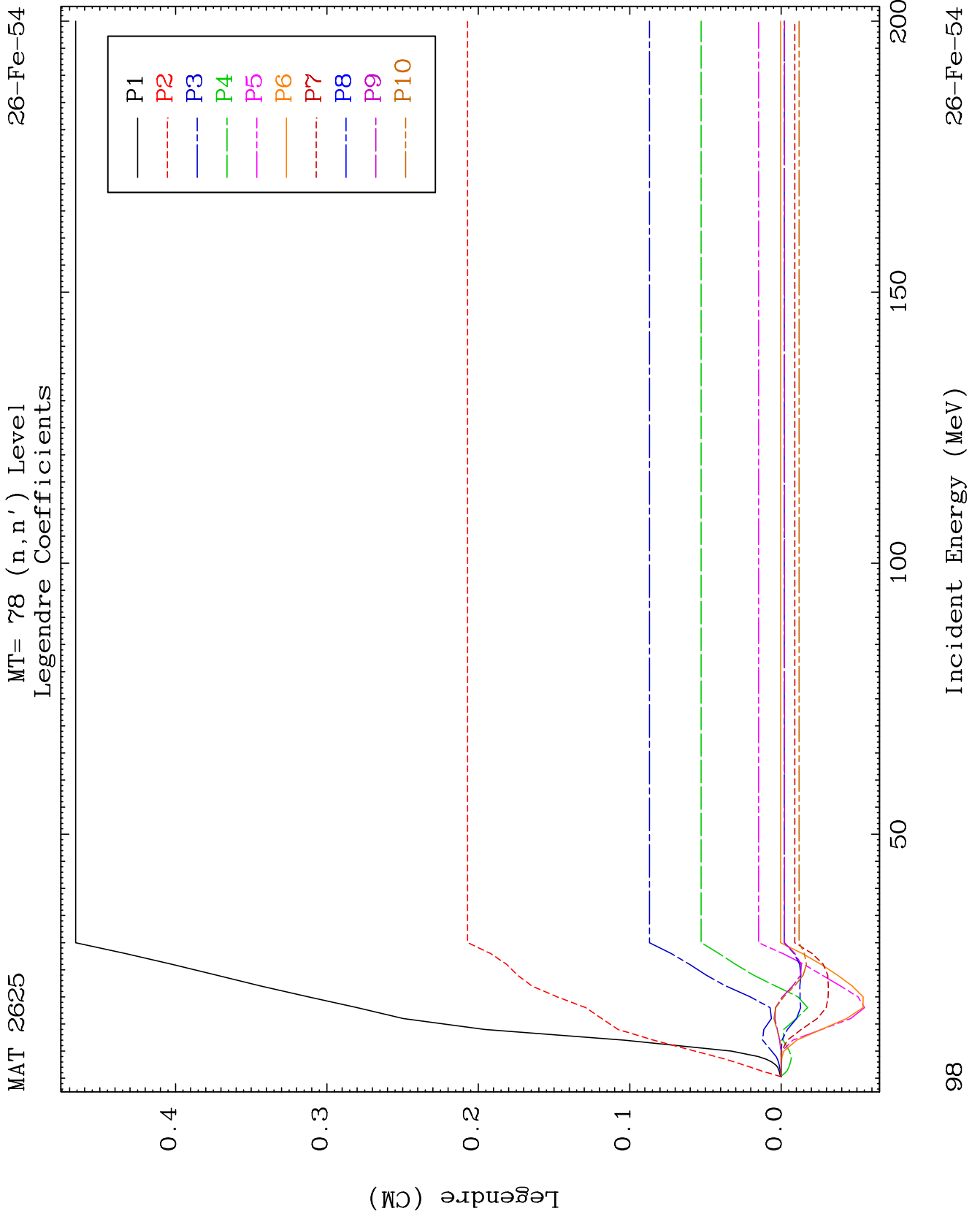


MAT 2625

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

26-Fe-54

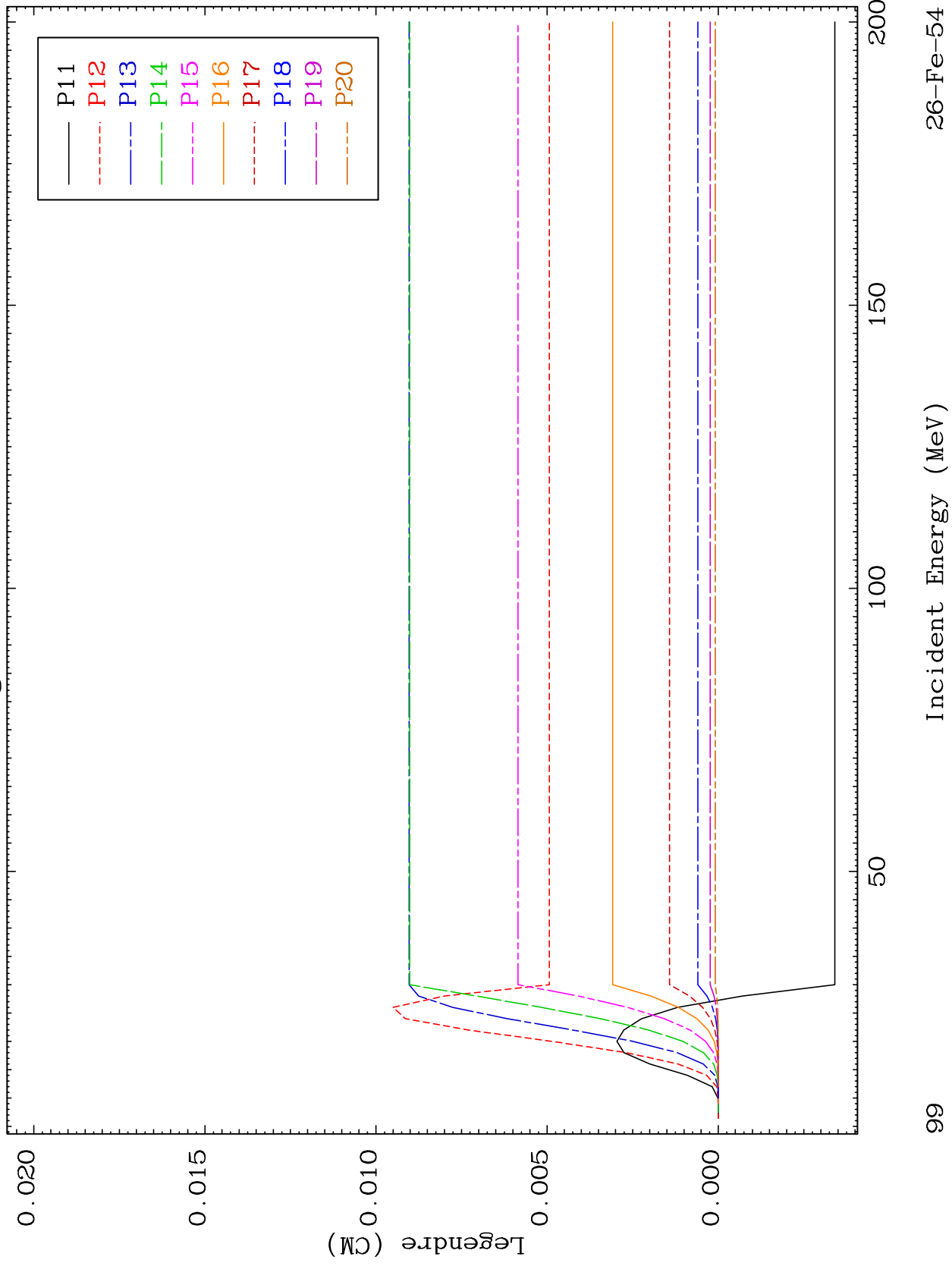




MAT 2625

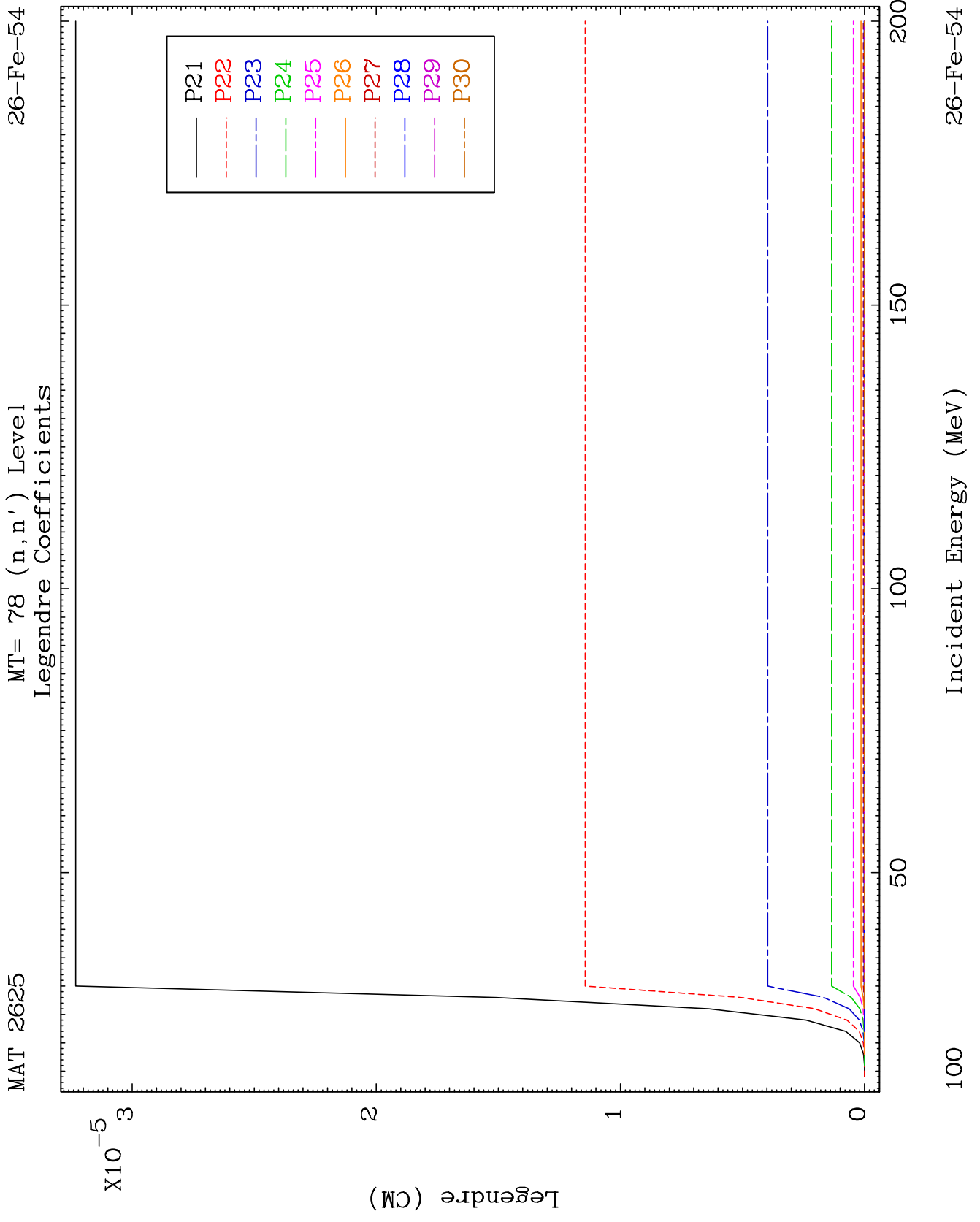
MT= 78 (n,n') Level
Legendre Coefficients

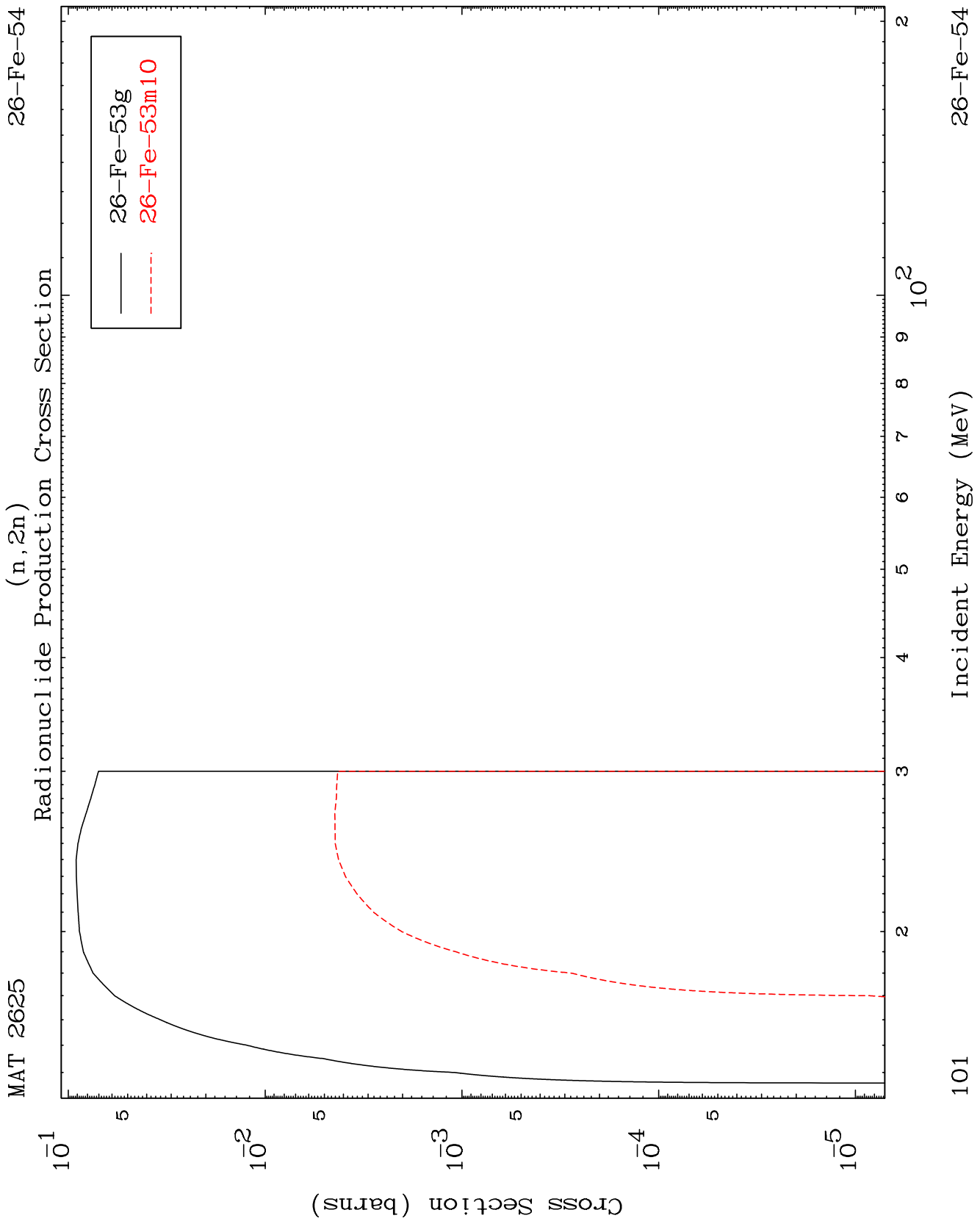
26-Fe-54



99

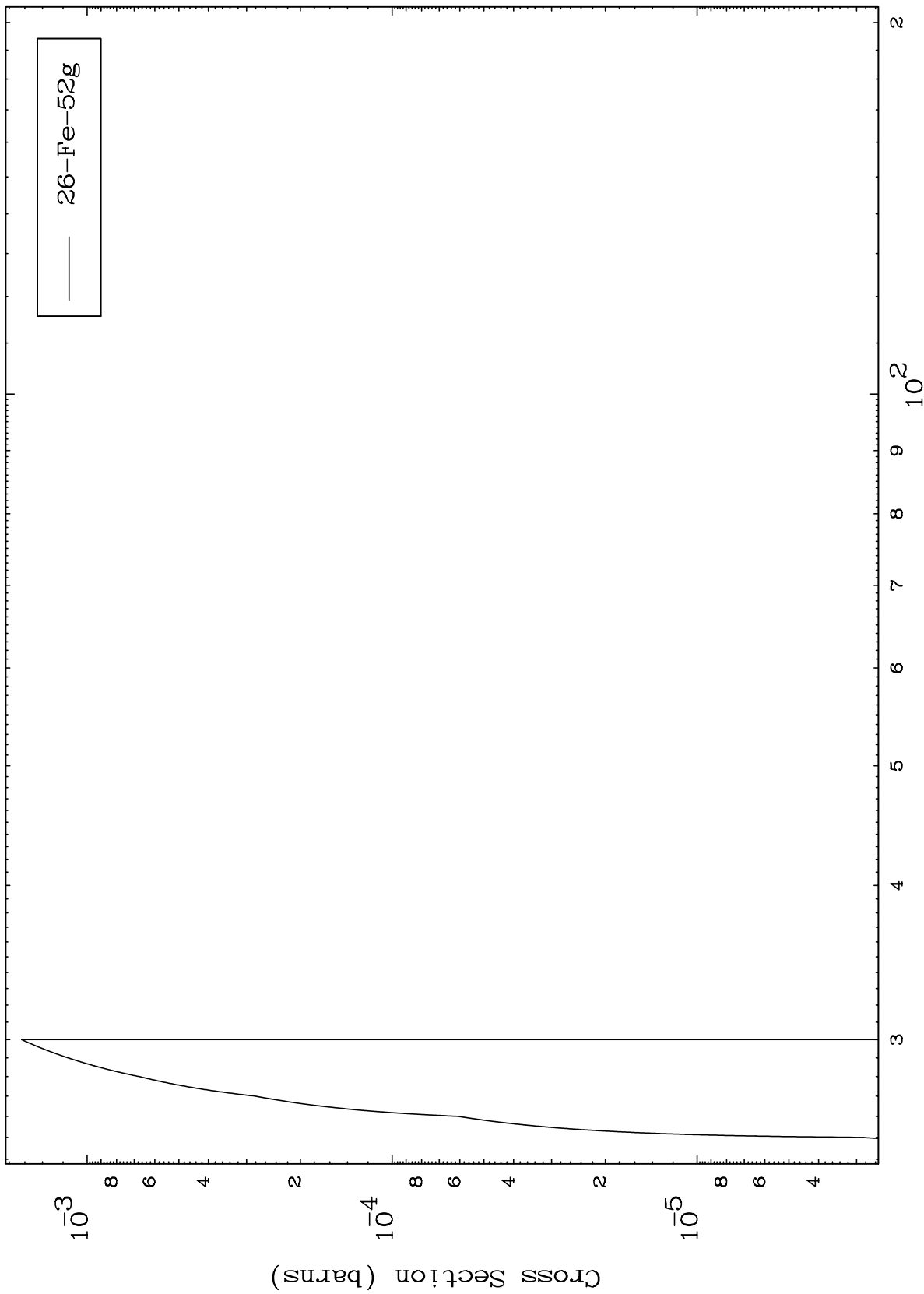
26-Fe-54



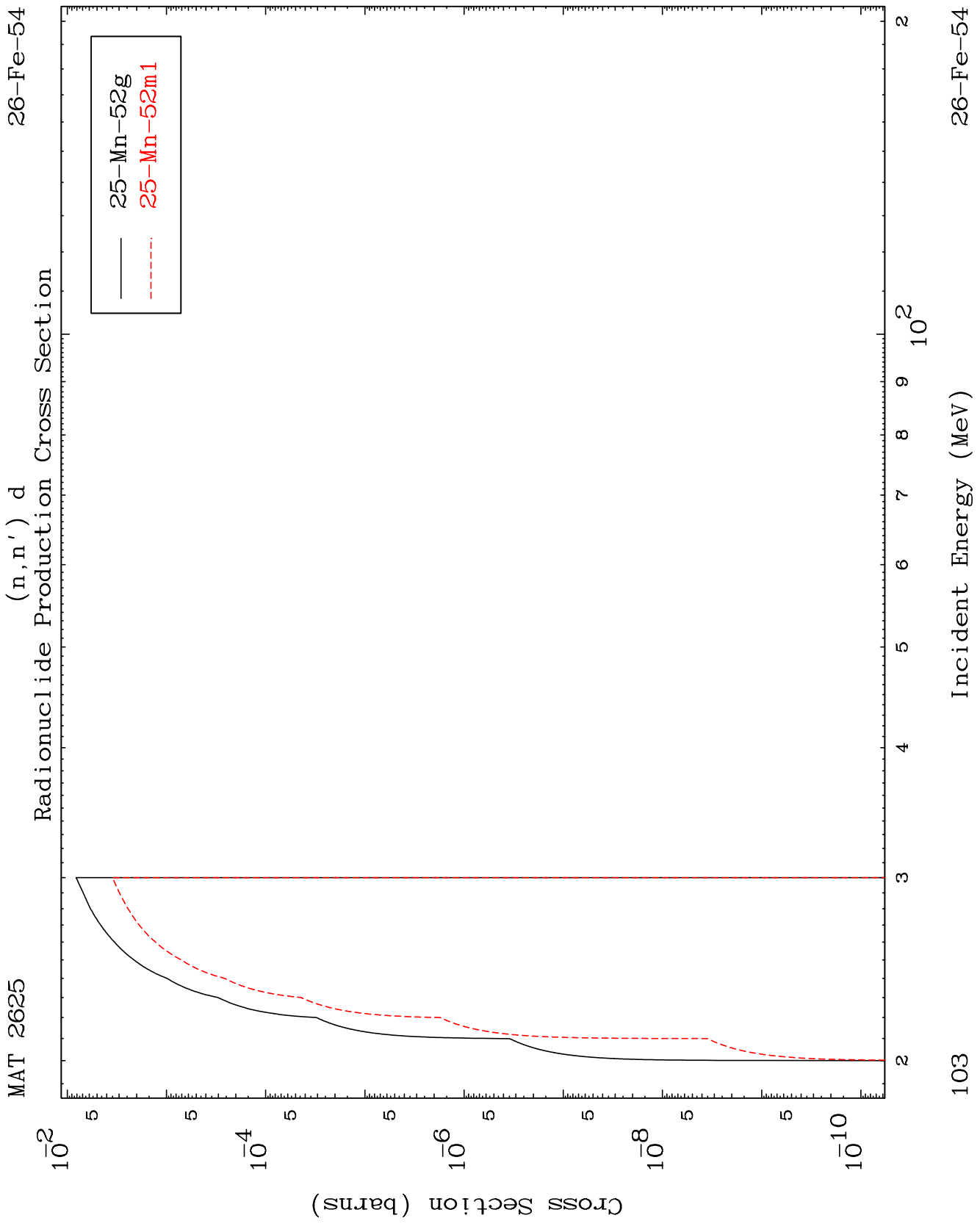


(n,3n)

Radionuclide Production Cross Section



Incident Energy (MeV)

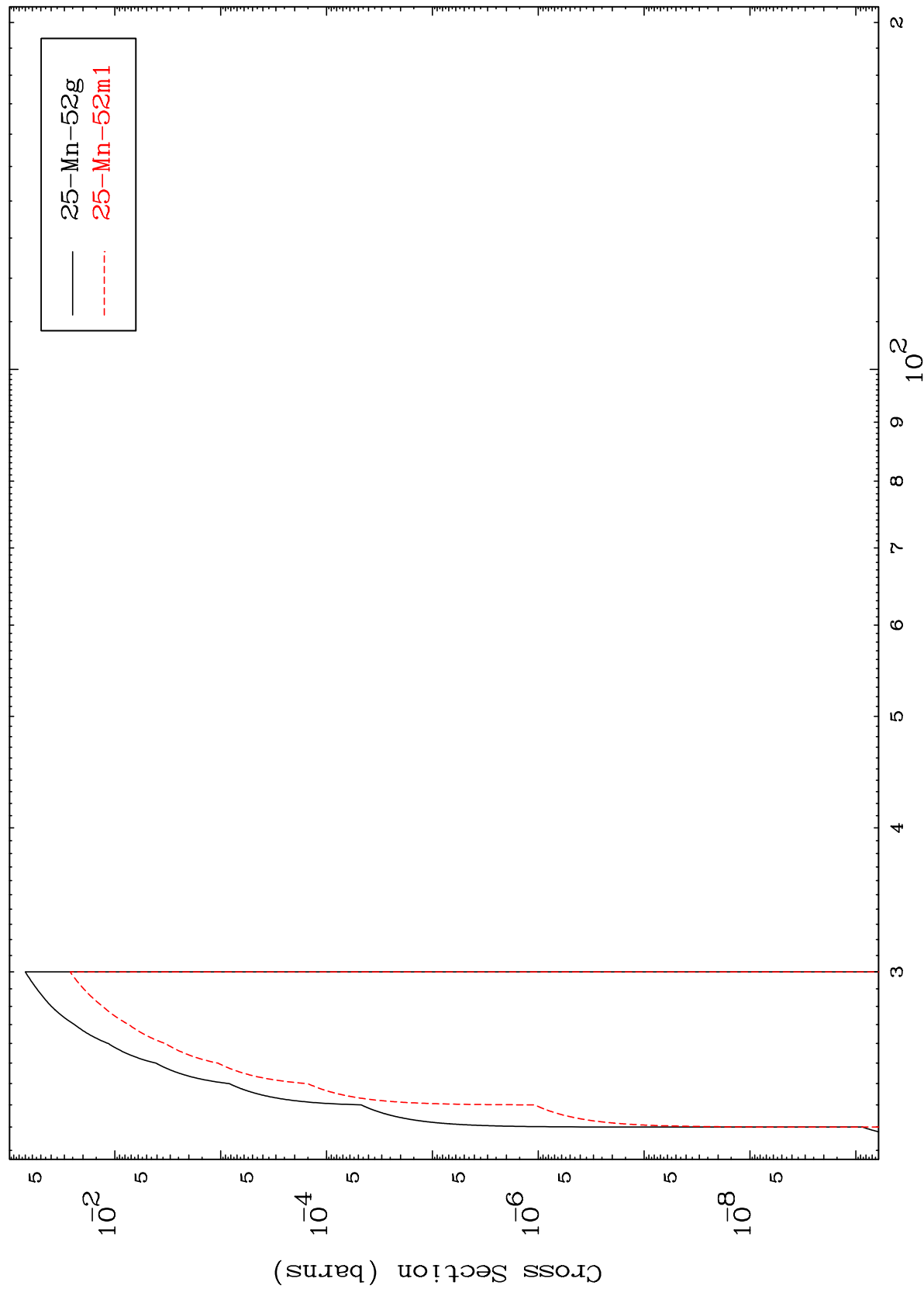


MAT 2625

(n,2n) p

26-Fe-54

Radionuclide Production Cross Section



— 25-Mn-52g
- - - 25-Mn-52m1

104

Incident Energy (MeV)

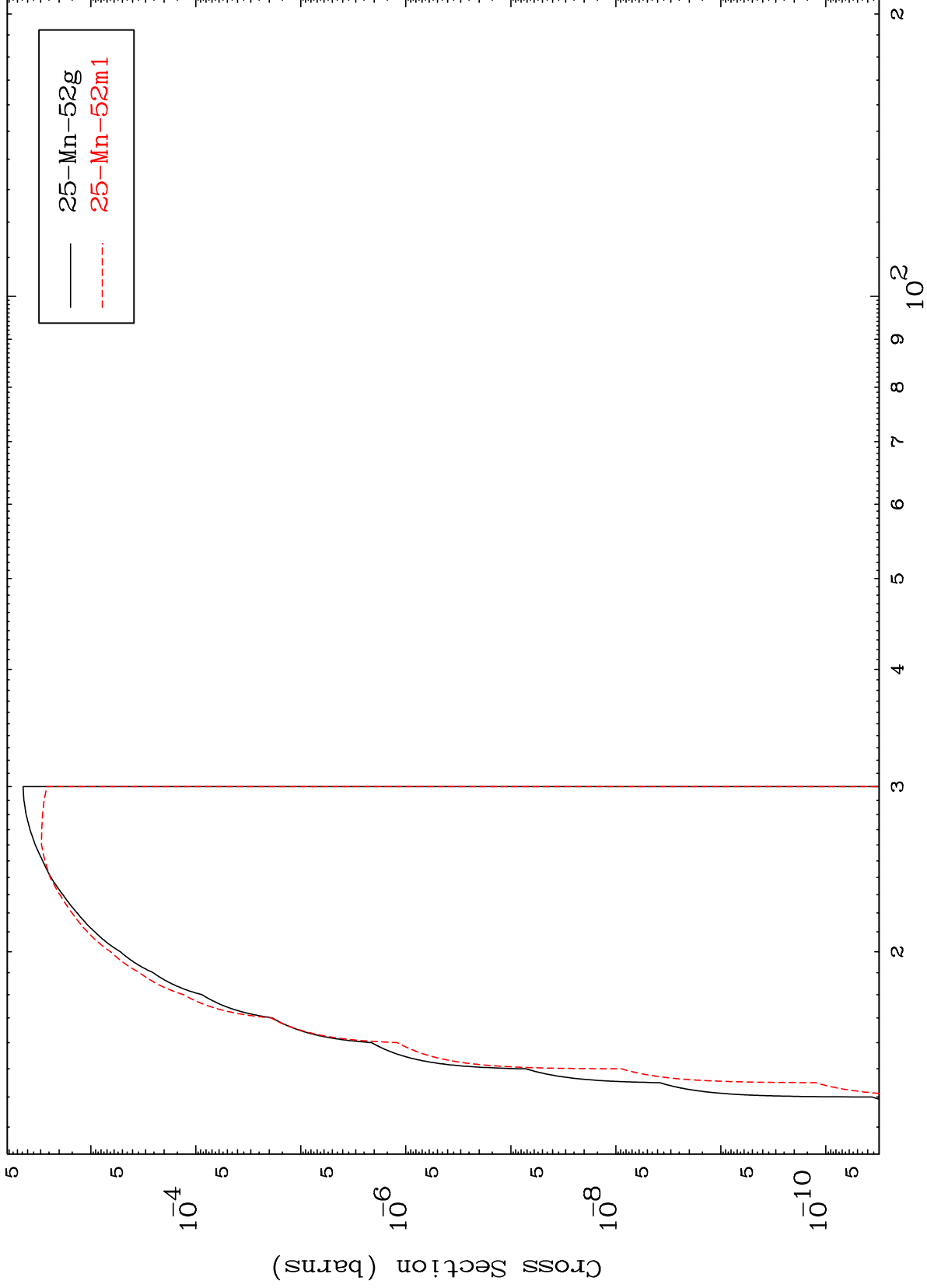
26-Fe-54

MAT 2625

(n,t)

26-Fe-54

Radionuclide Production Cross Section



105

Incident Energy (MeV)

26-Fe-54