

Program EVALPLOT  
(Version 2021-1)

by

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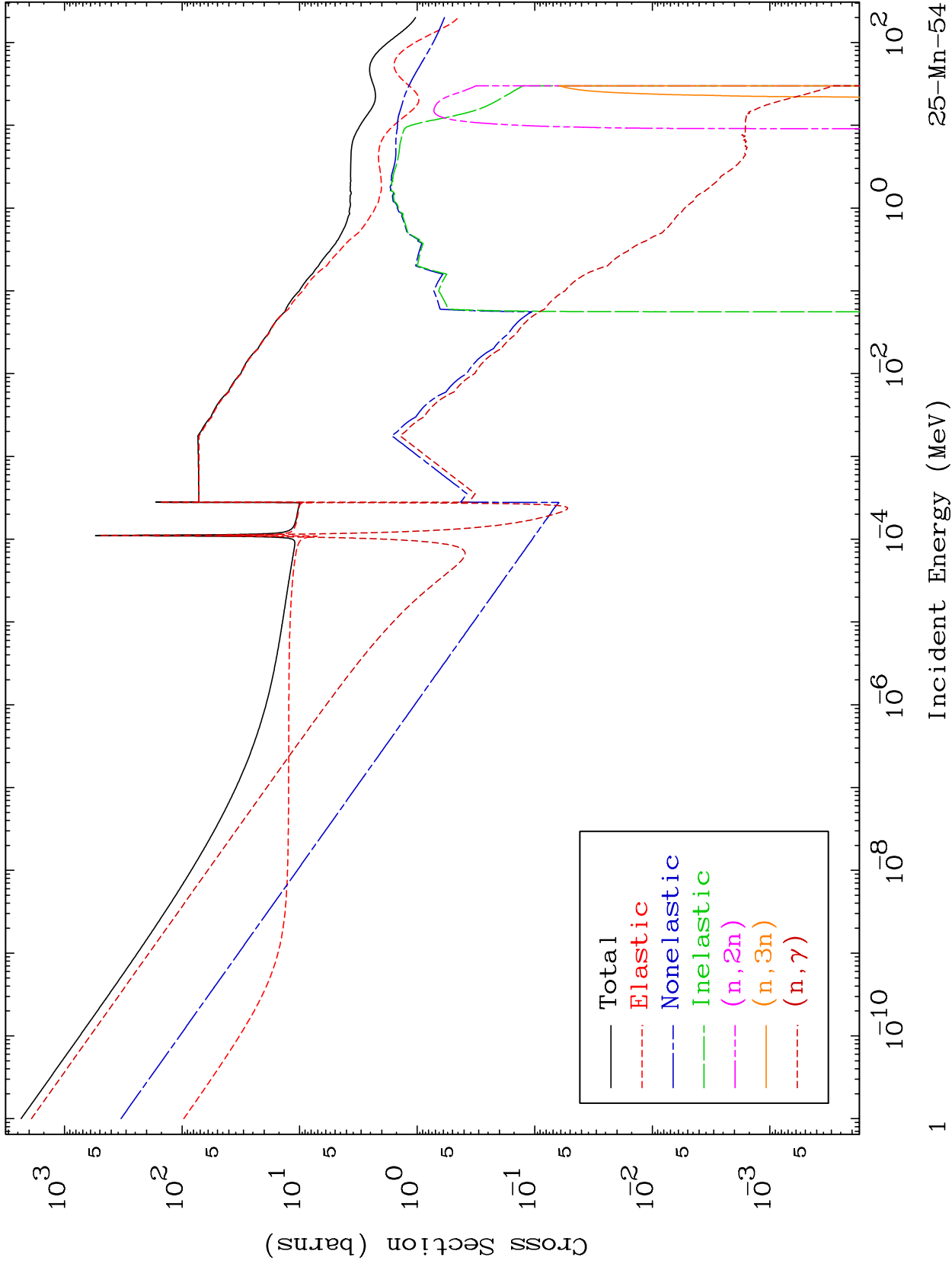
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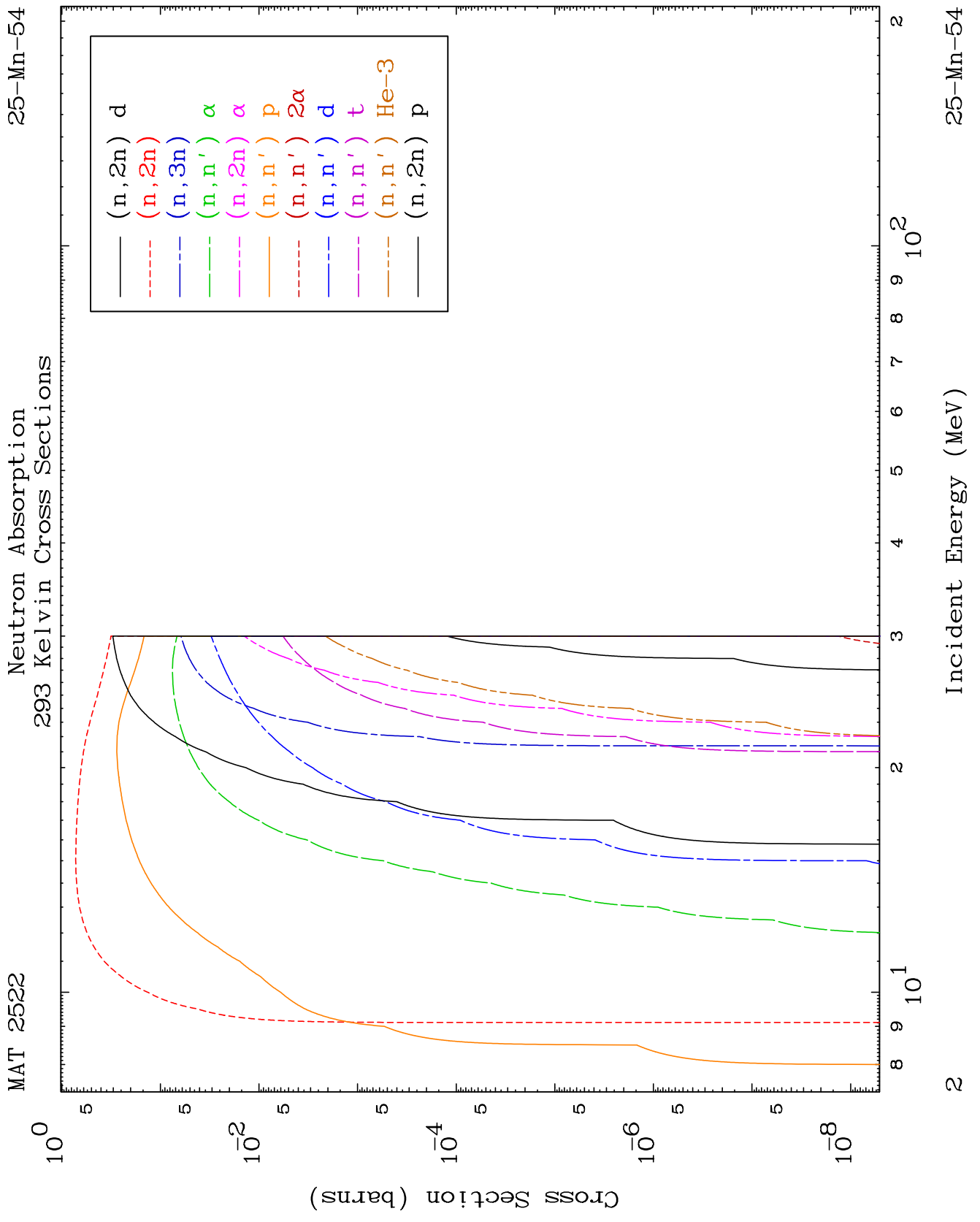
Press Mouse Button to Start

MAT 2522

Neutron Major  
293 Kelvin Cross Sections

25-Mn-54

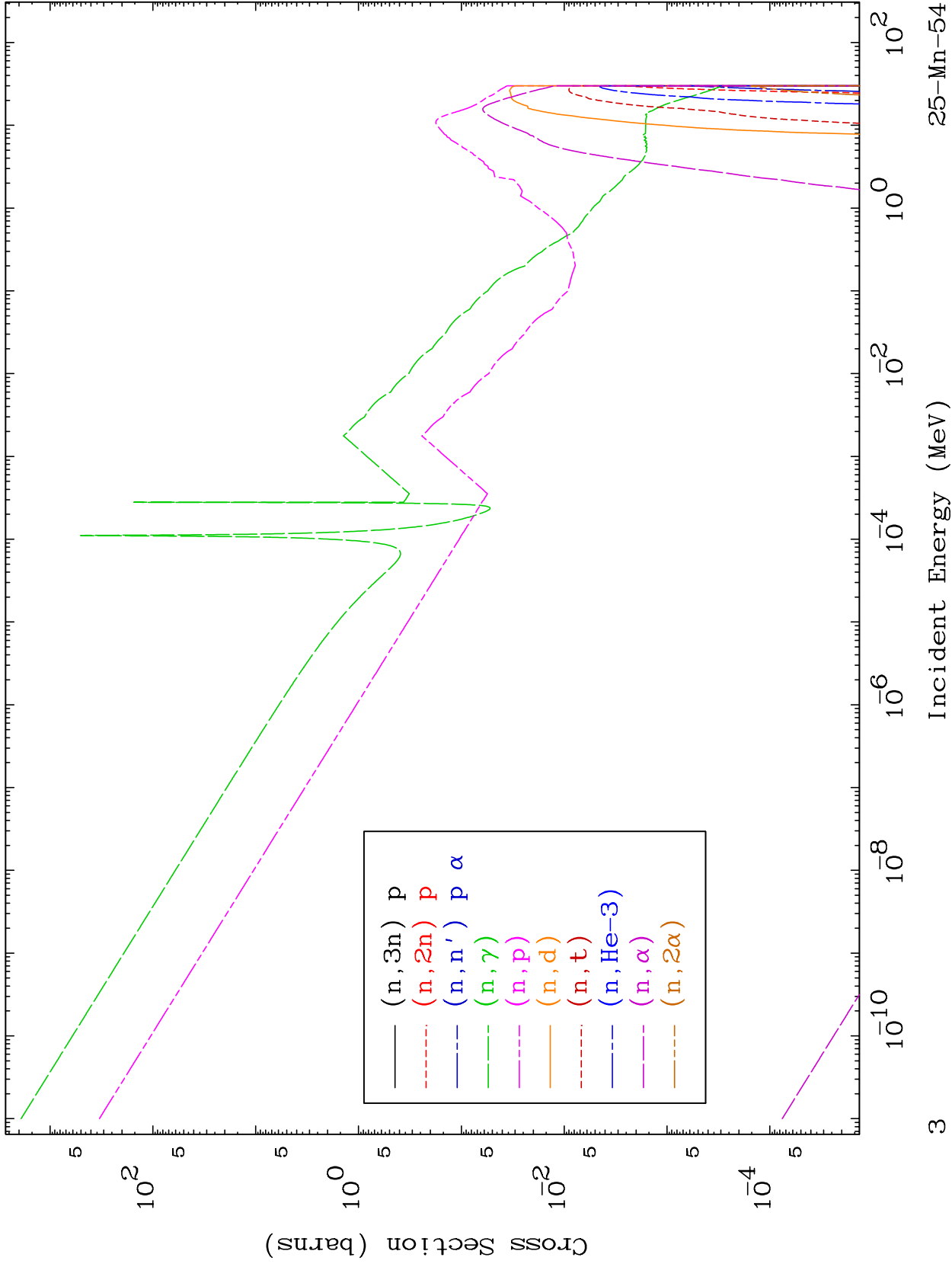




MAT 2522

Neutron Absorption  
293 Kelvin Cross Sections

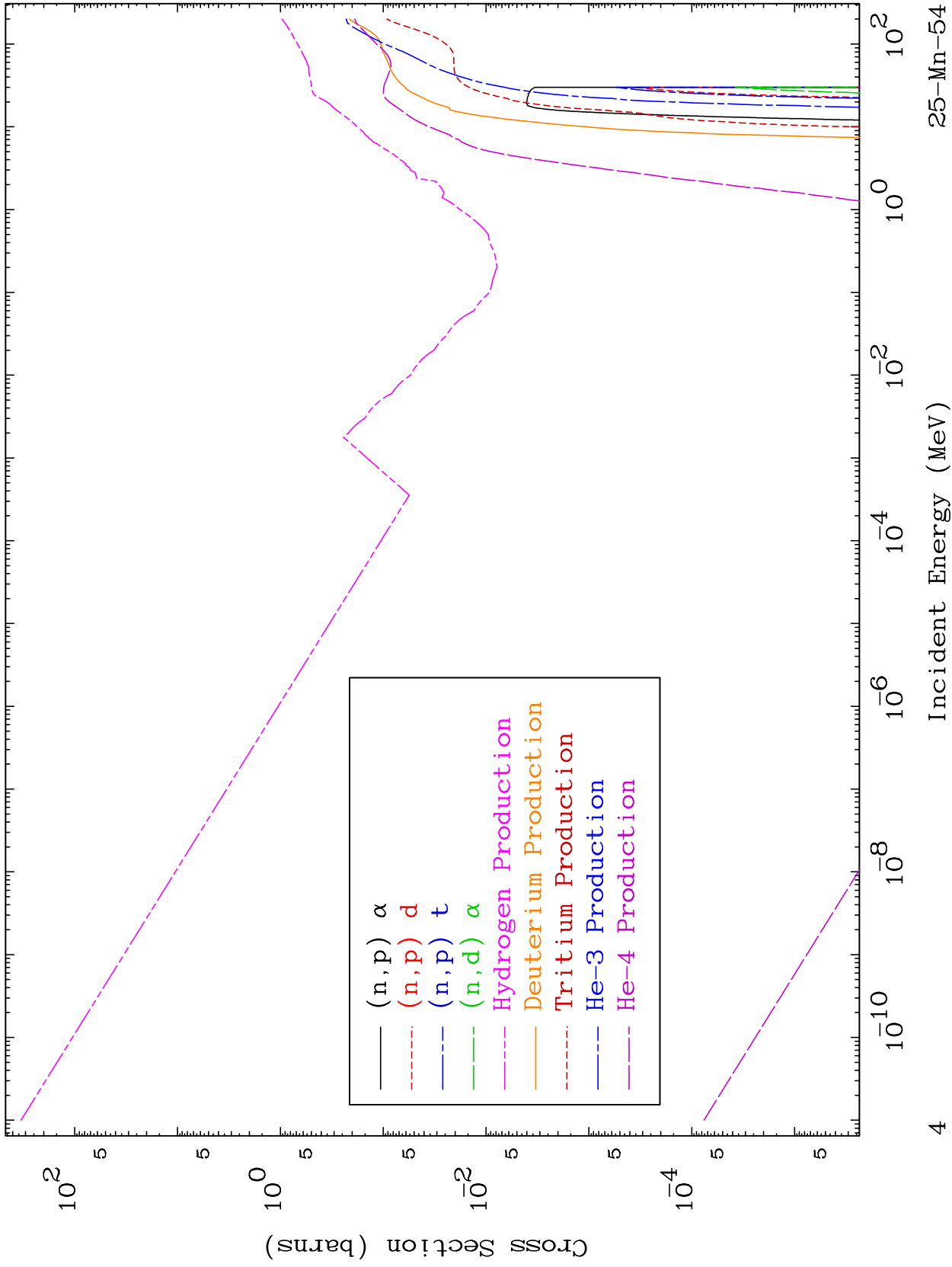
25-Mn-54



MAT 2522

Neutron Absorption  
293 Kelvin Cross Sections

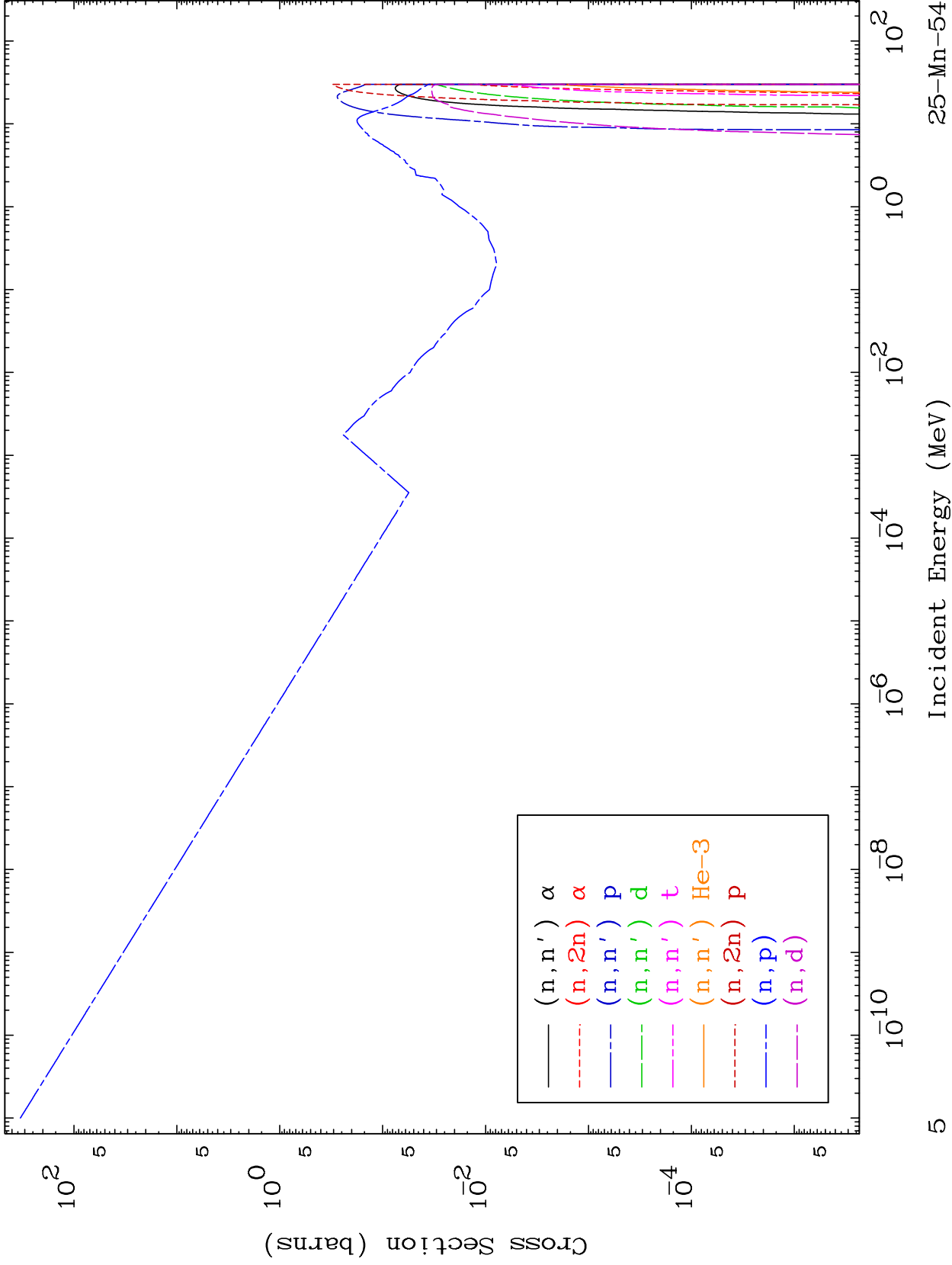
25-Mn-54



MAT 2522

Charged Particle  
293 Kelvin Cross Sections

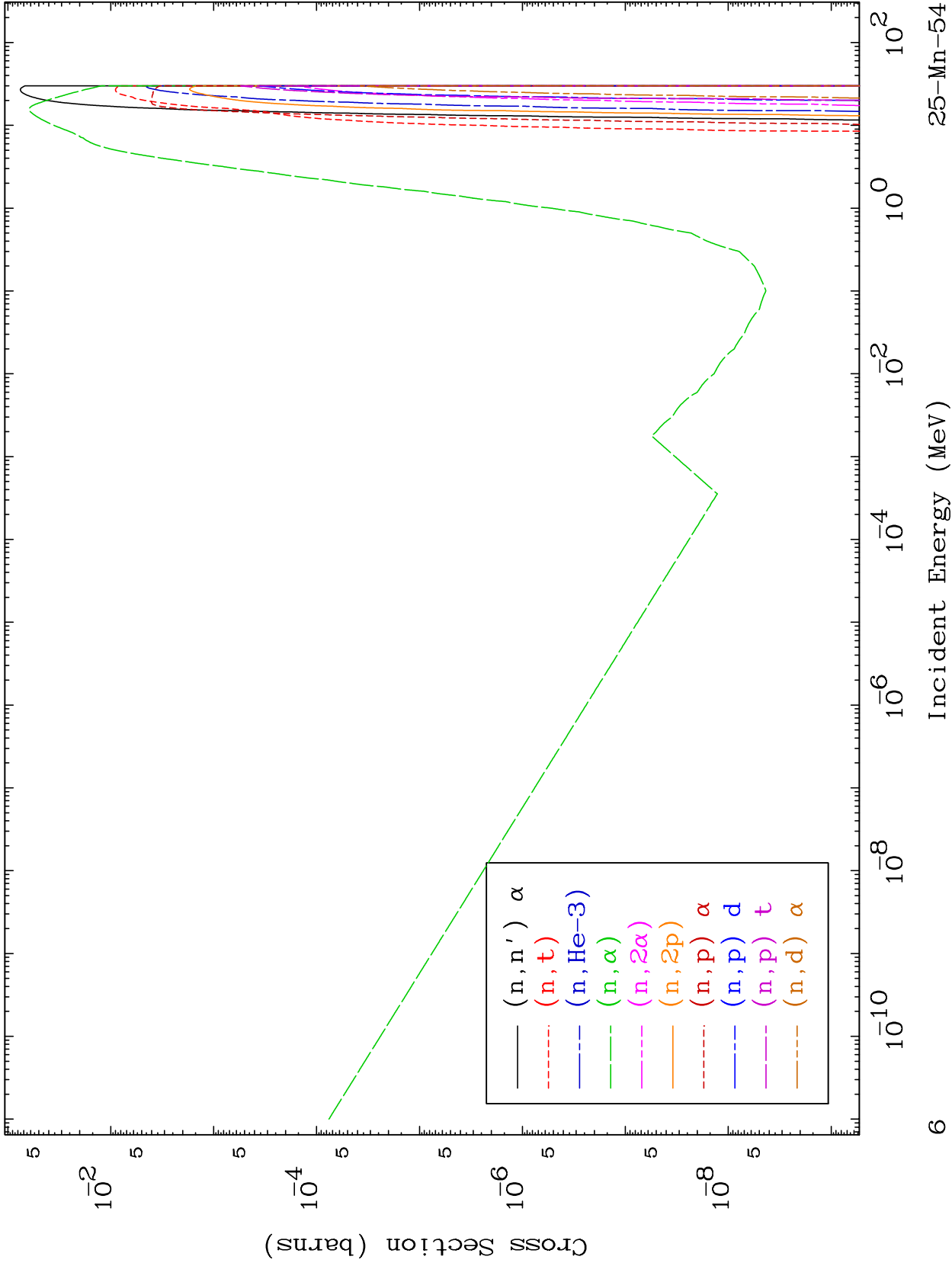
25-Mn-54



MAT 2522

Charged Particle  
293 Kelvin Cross Sections

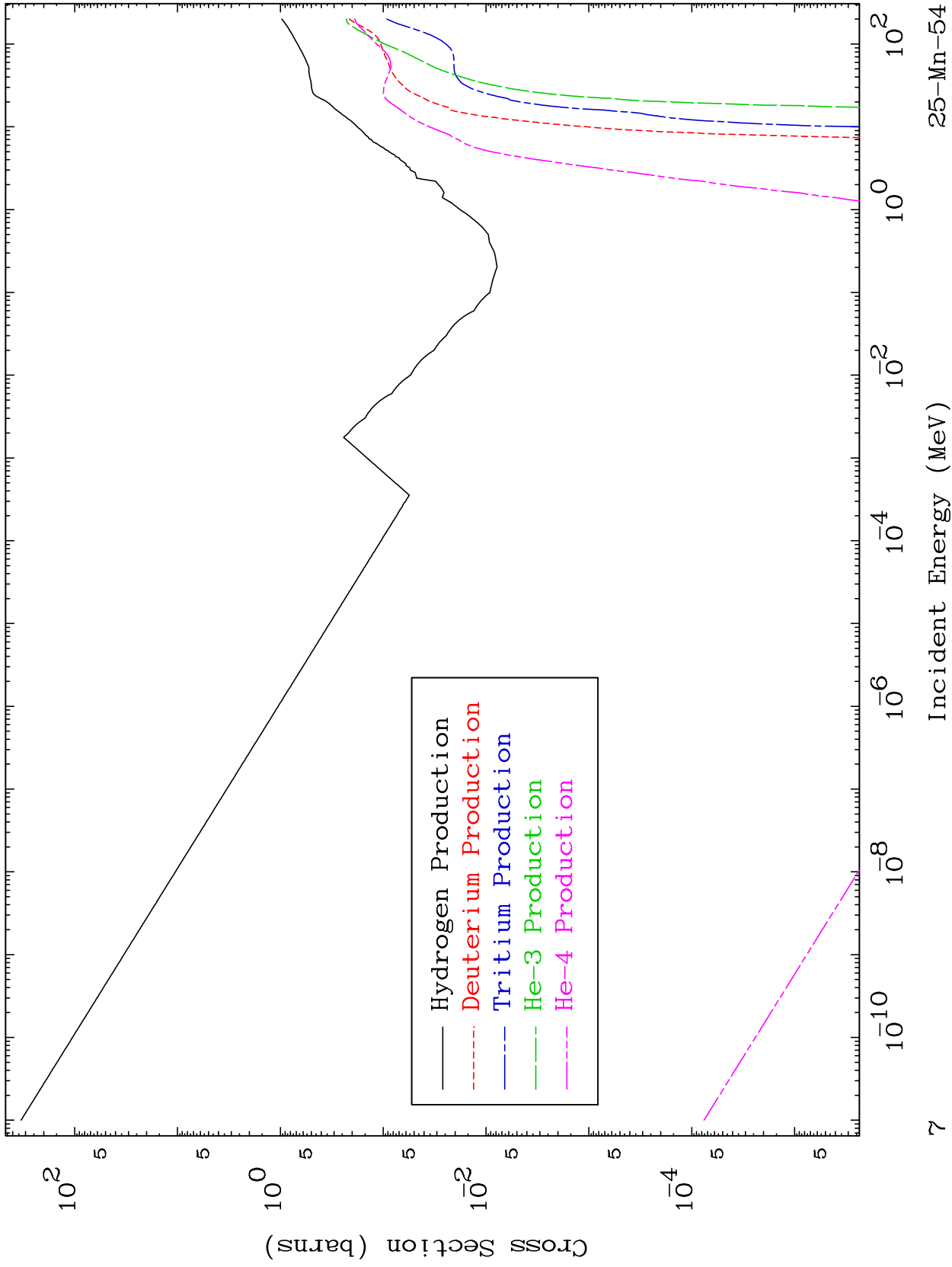
25-Mn-54



MAT 2522

Particle Production  
293 Kelvin Cross Sections

25-Mn-54

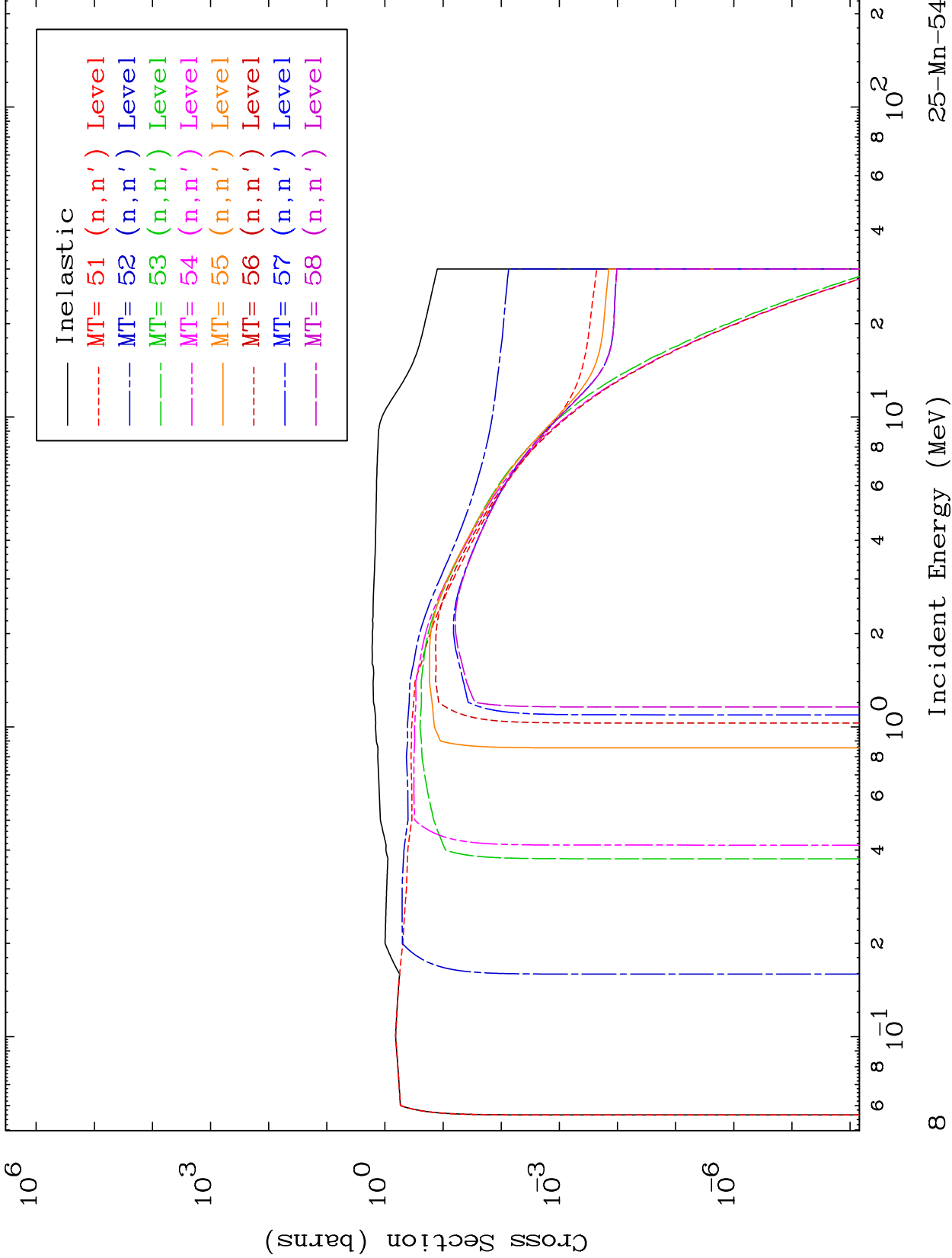


MAT 2522

(n,n') Levels

293 Kelvin Cross Sections

25-Mn-54



8

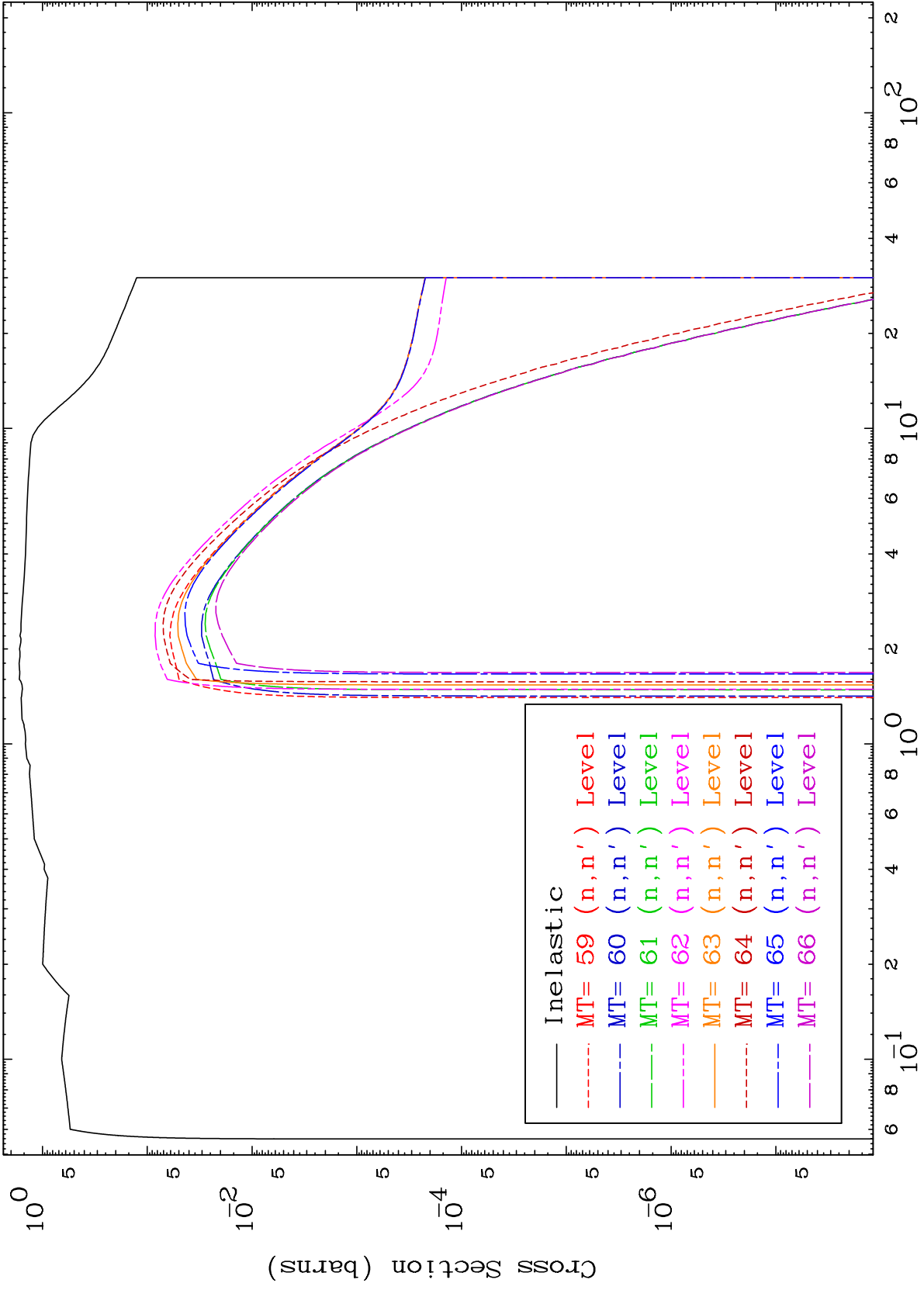
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,n') Levels  
293 Kelvin Cross Sections

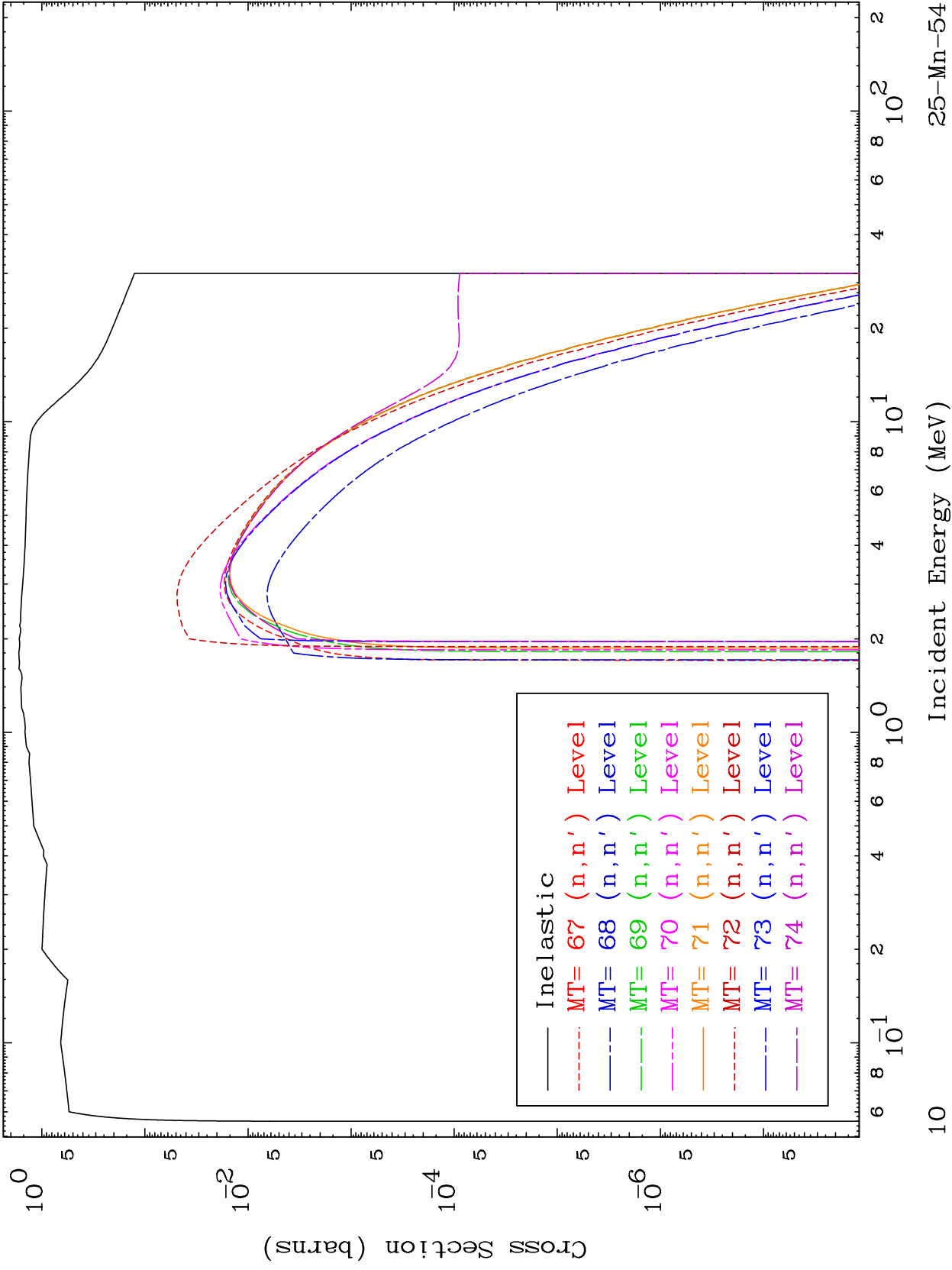
25-Mn-54



MAT 2522

(n,n') Levels  
293 Kelvin Cross Sections

25-Mn-54



10

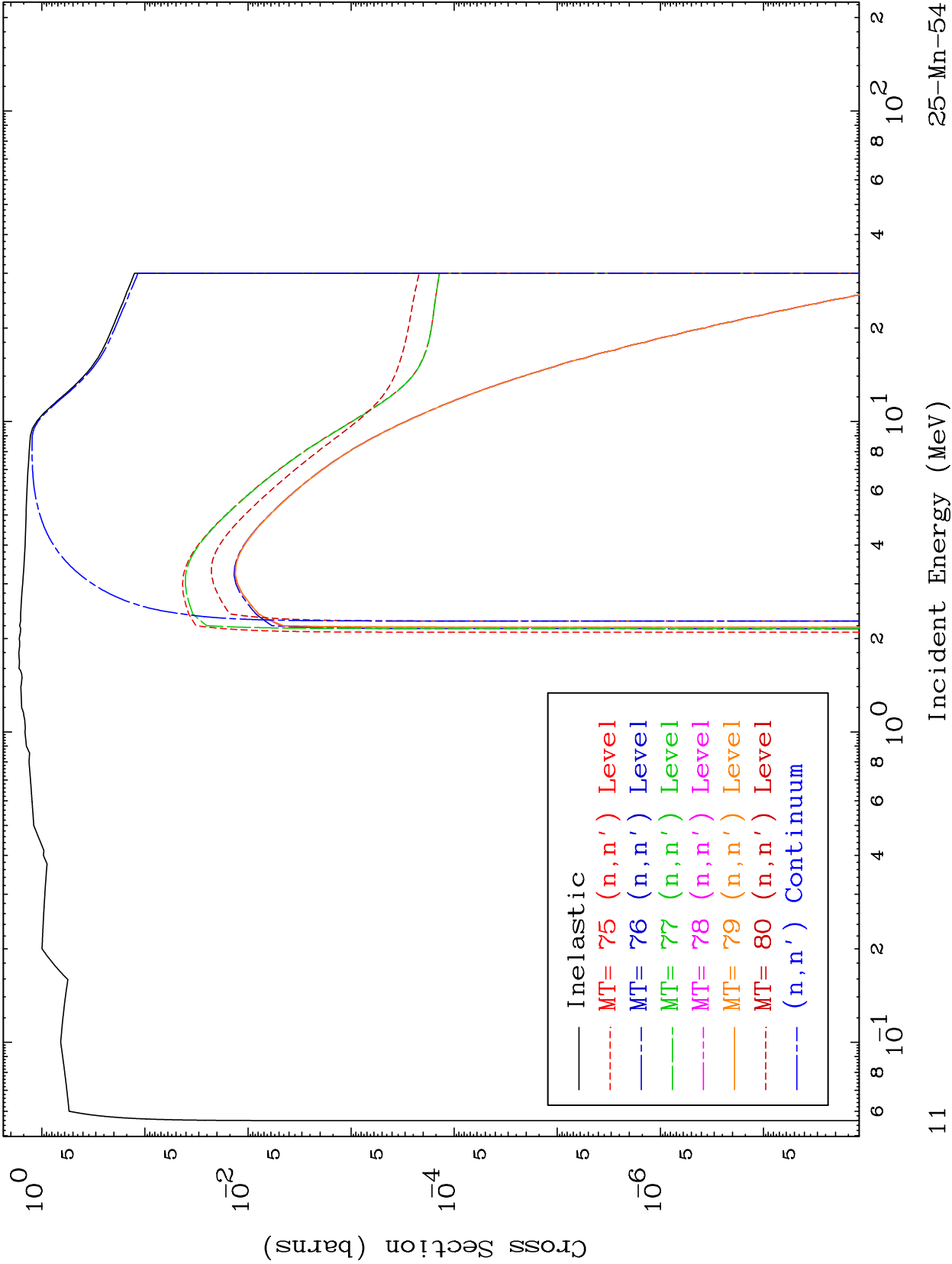
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,n') Levels  
293 Kelvin Cross Sections

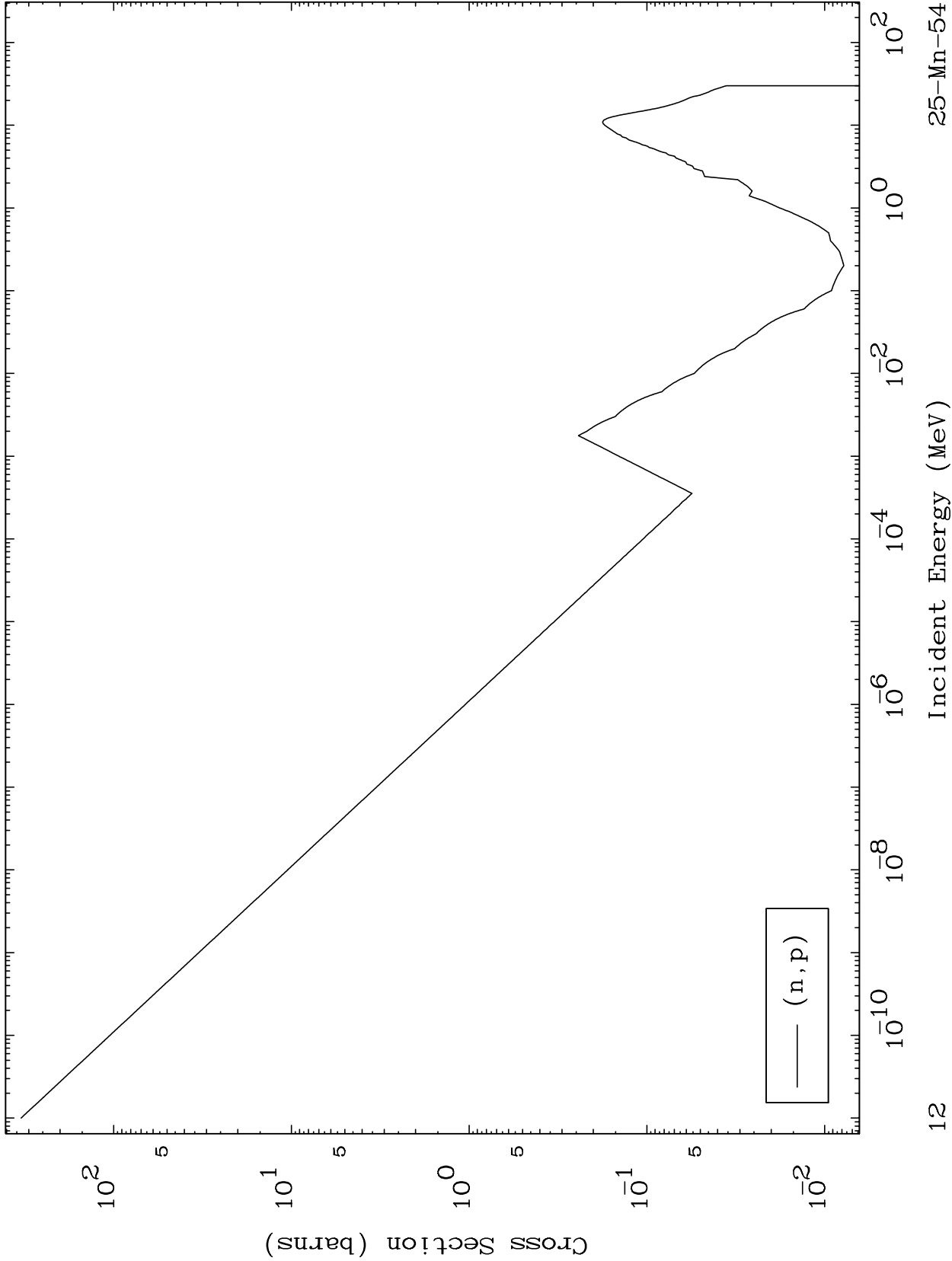
25-Mn-54



MAT 2522

(n,p) Levels  
293 Kelvin Cross Sections

25-Mn-54

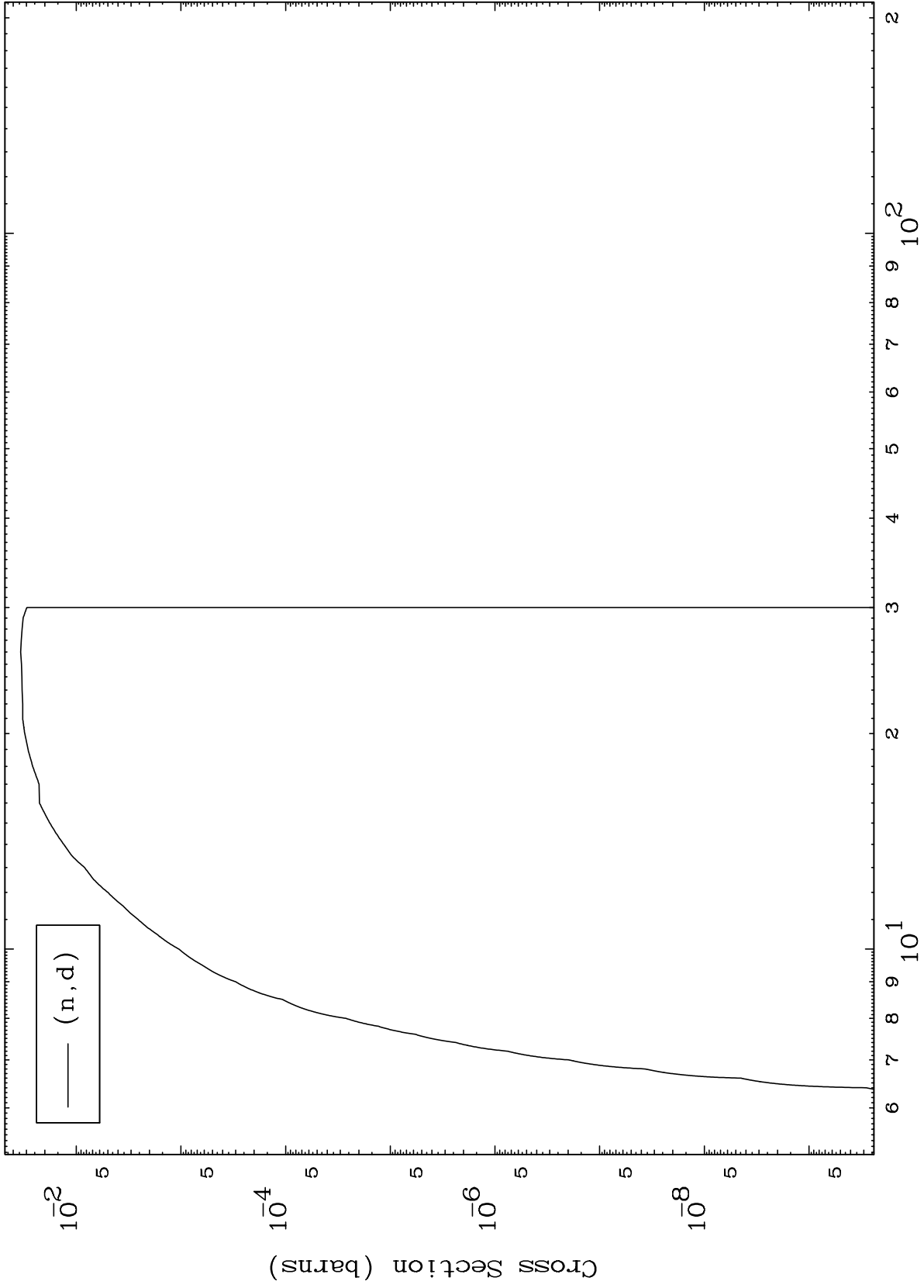


(n,p)

MAT 2522

(n,d) Levels  
293 Kelvin Cross Sections

25-Mn-54



13

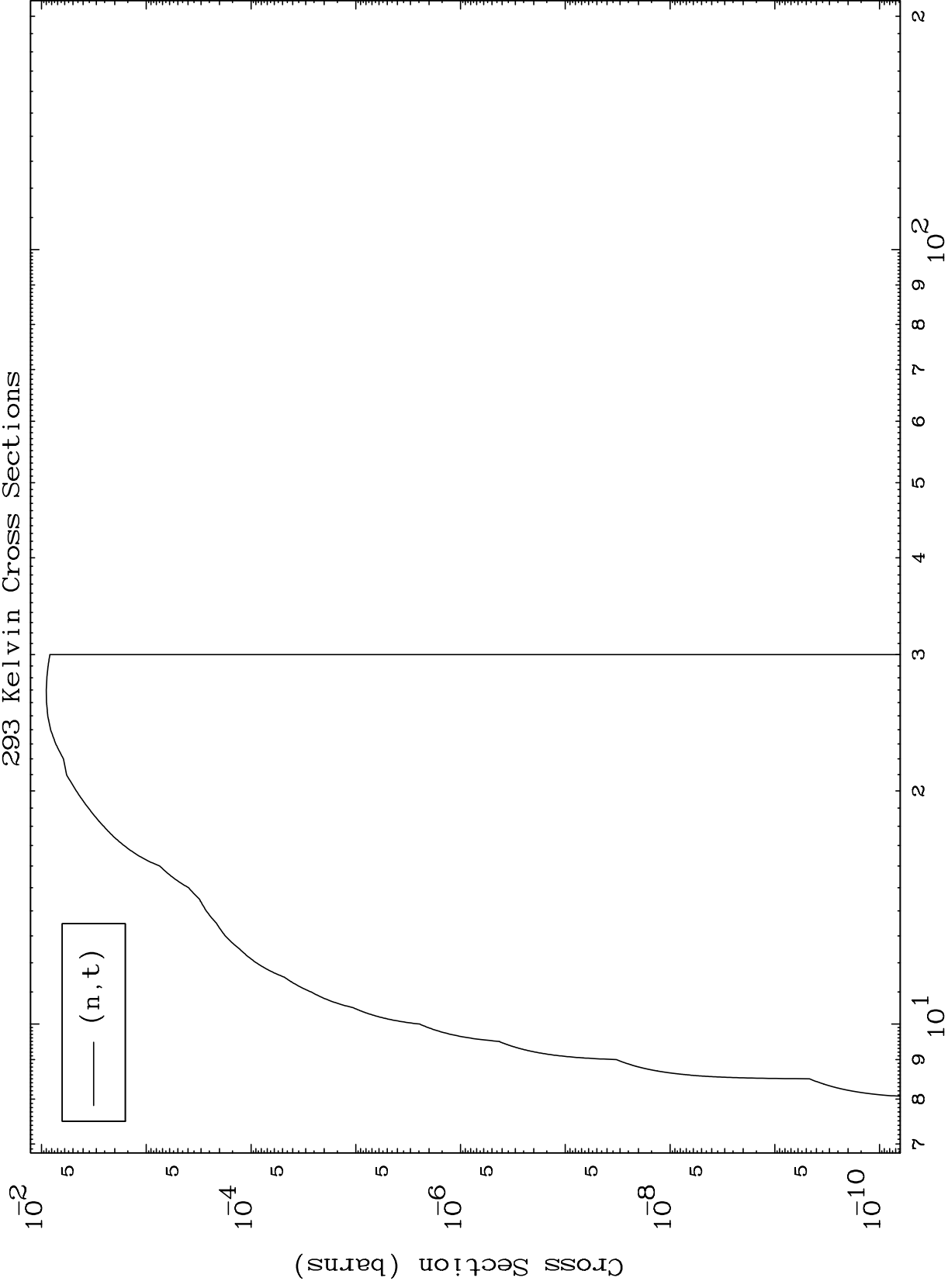
Incident Energy (MeV)

25-Mn-54

MAT 2522

(n,t) Levels  
293 Kelvin Cross Sections

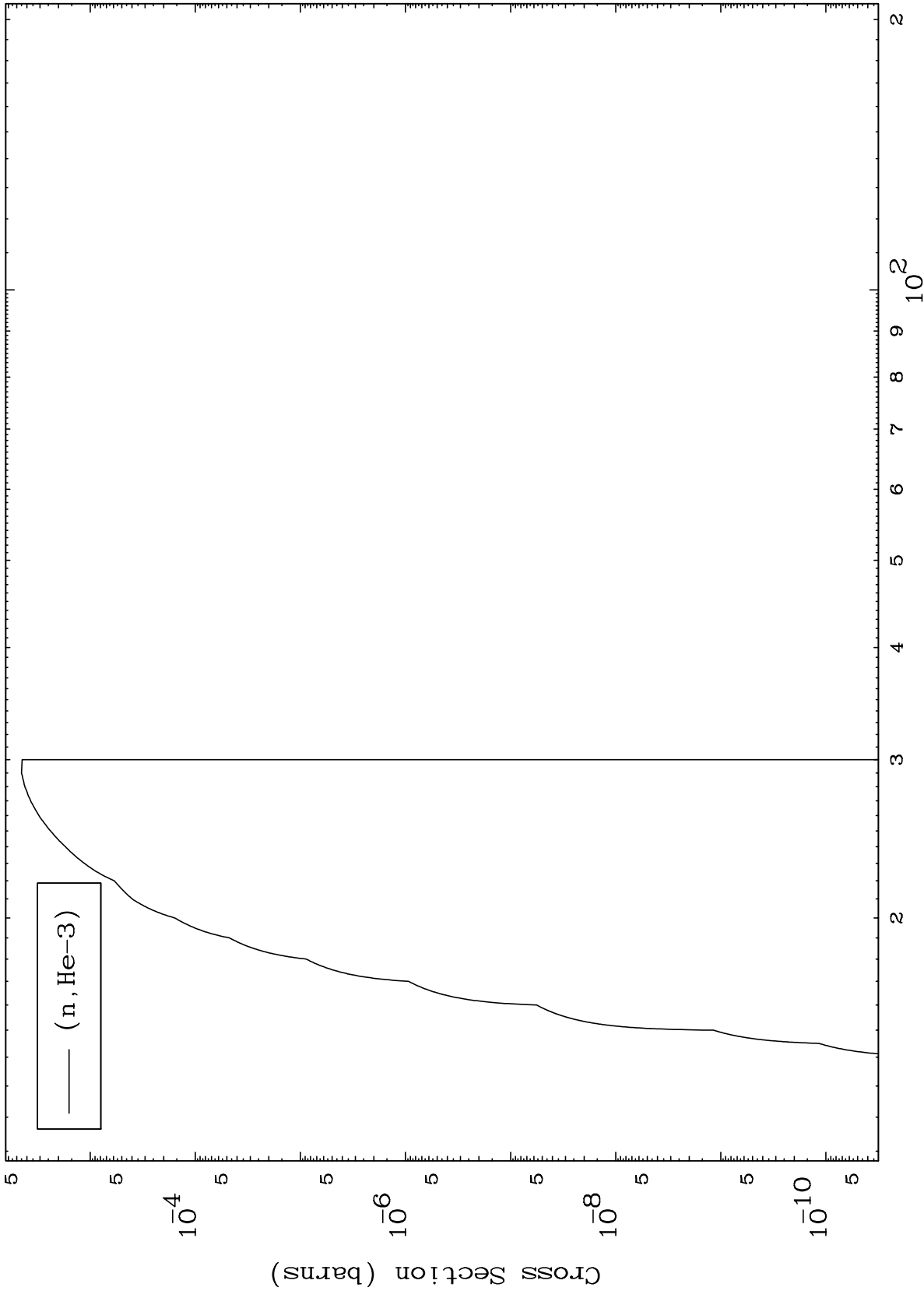
25-Mn-54



Incident Energy (MeV)

25-Mn-54

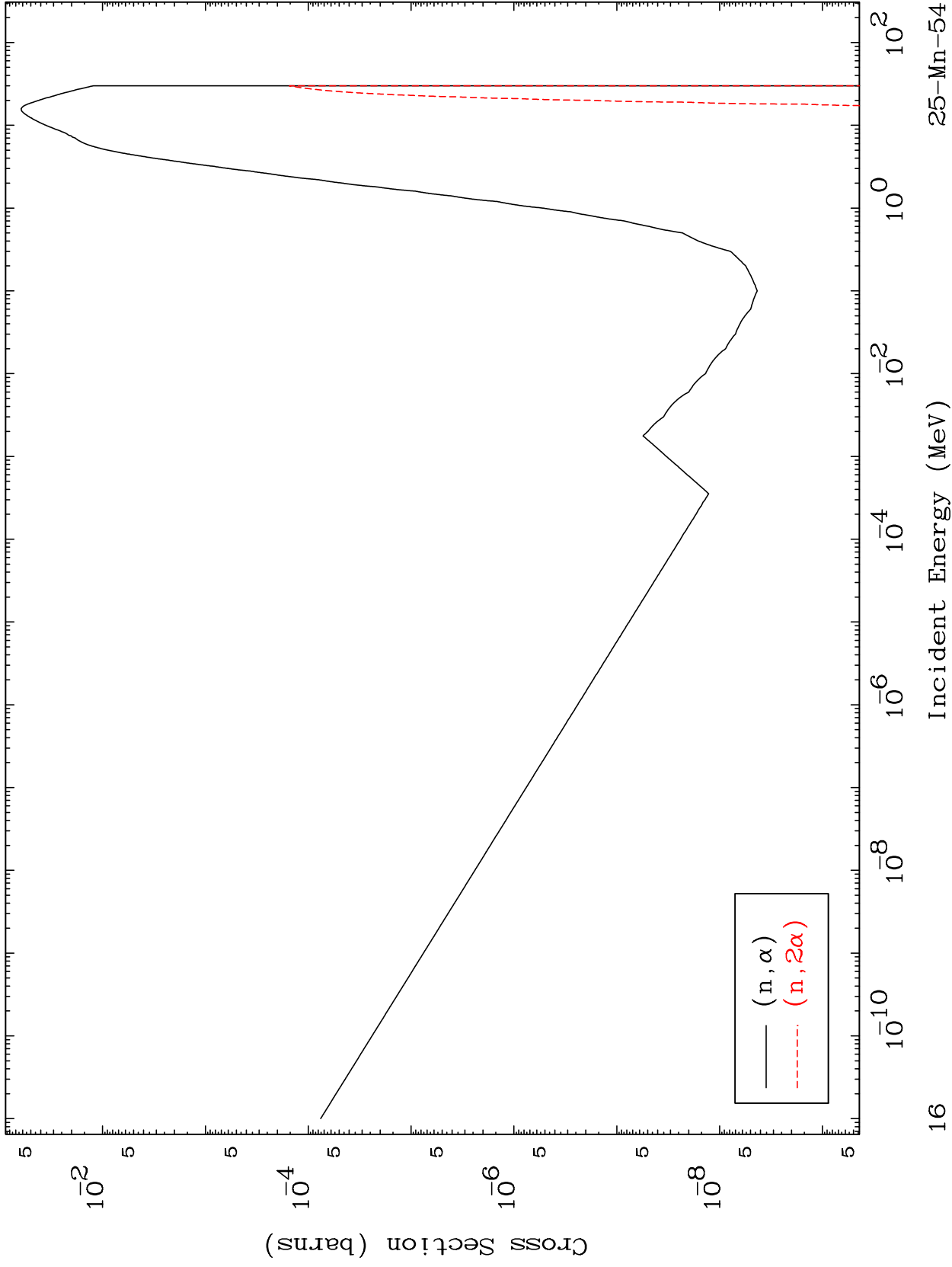
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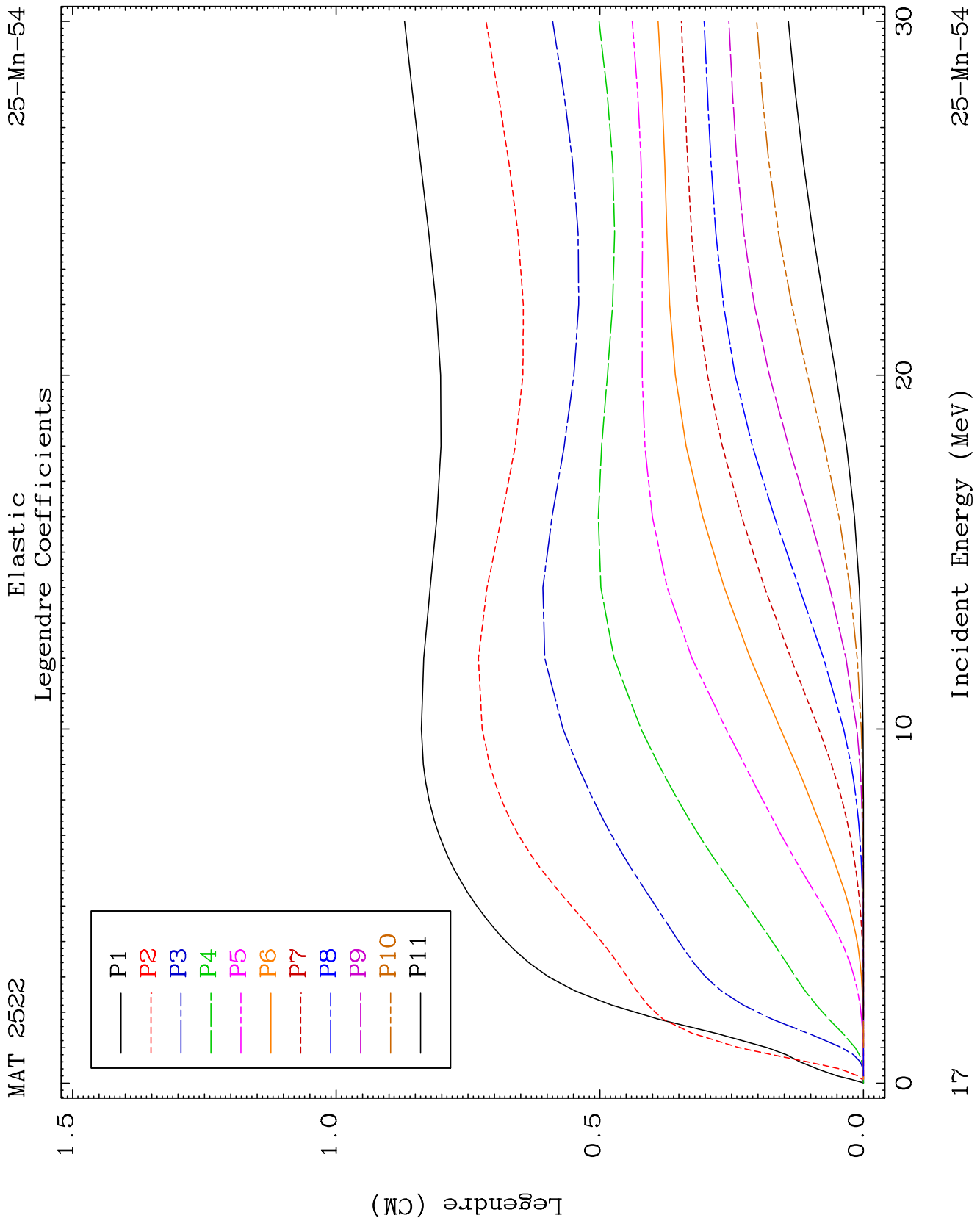


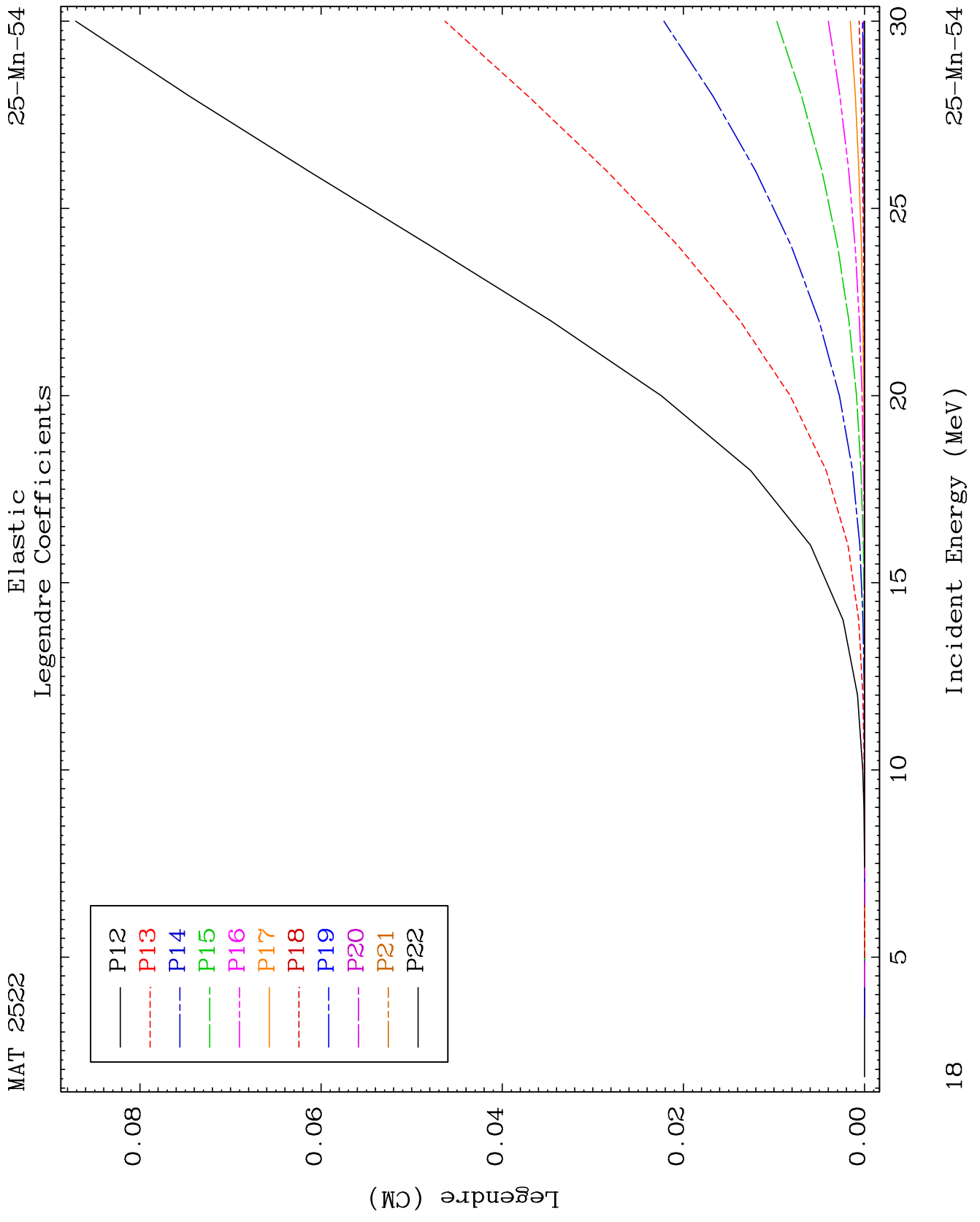
MAT 2522

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

25-Mn-54



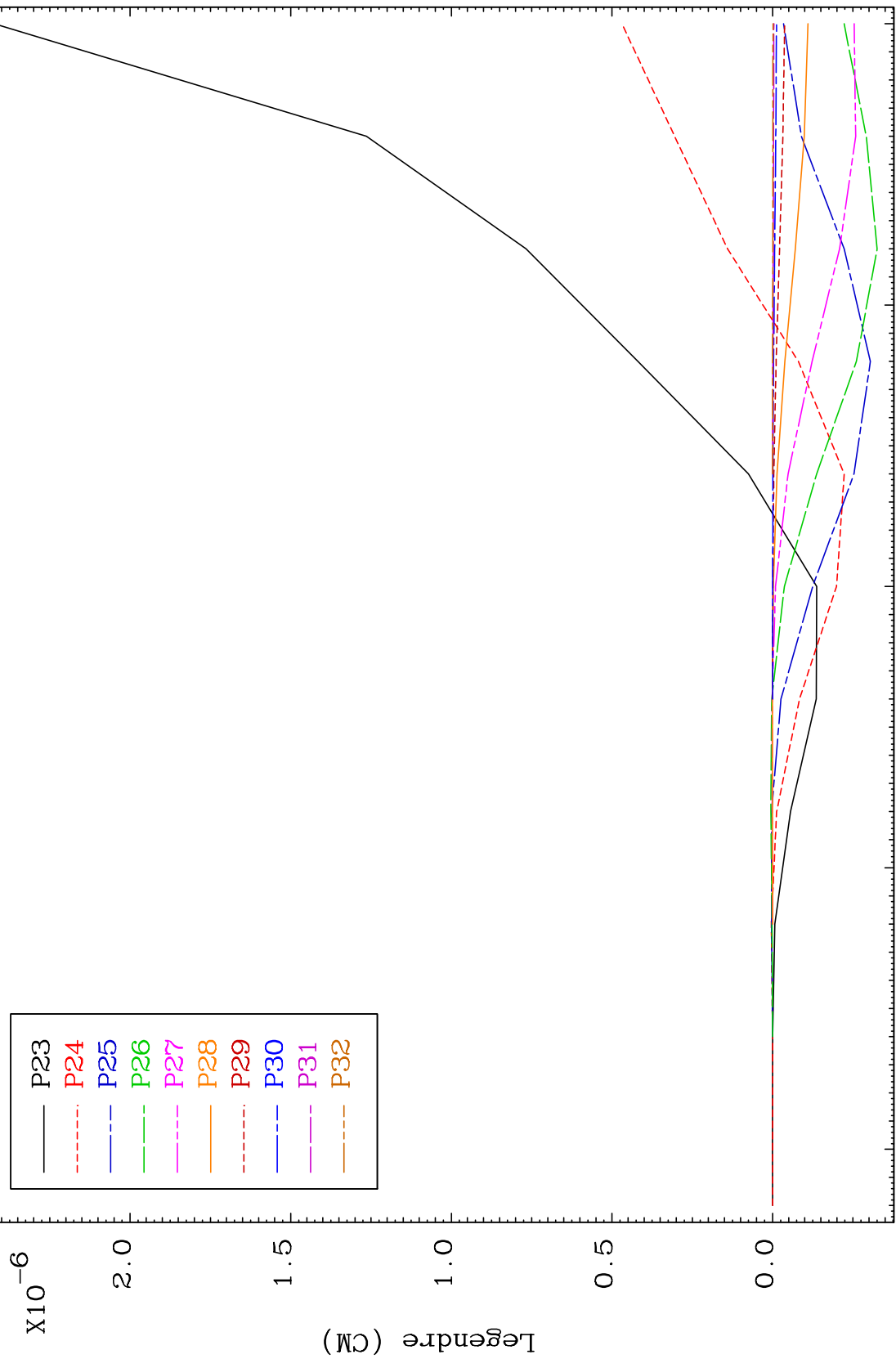
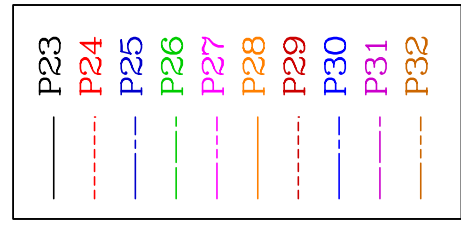




MAT 2522

Elastic Legendre Coefficients

25-Mn-54

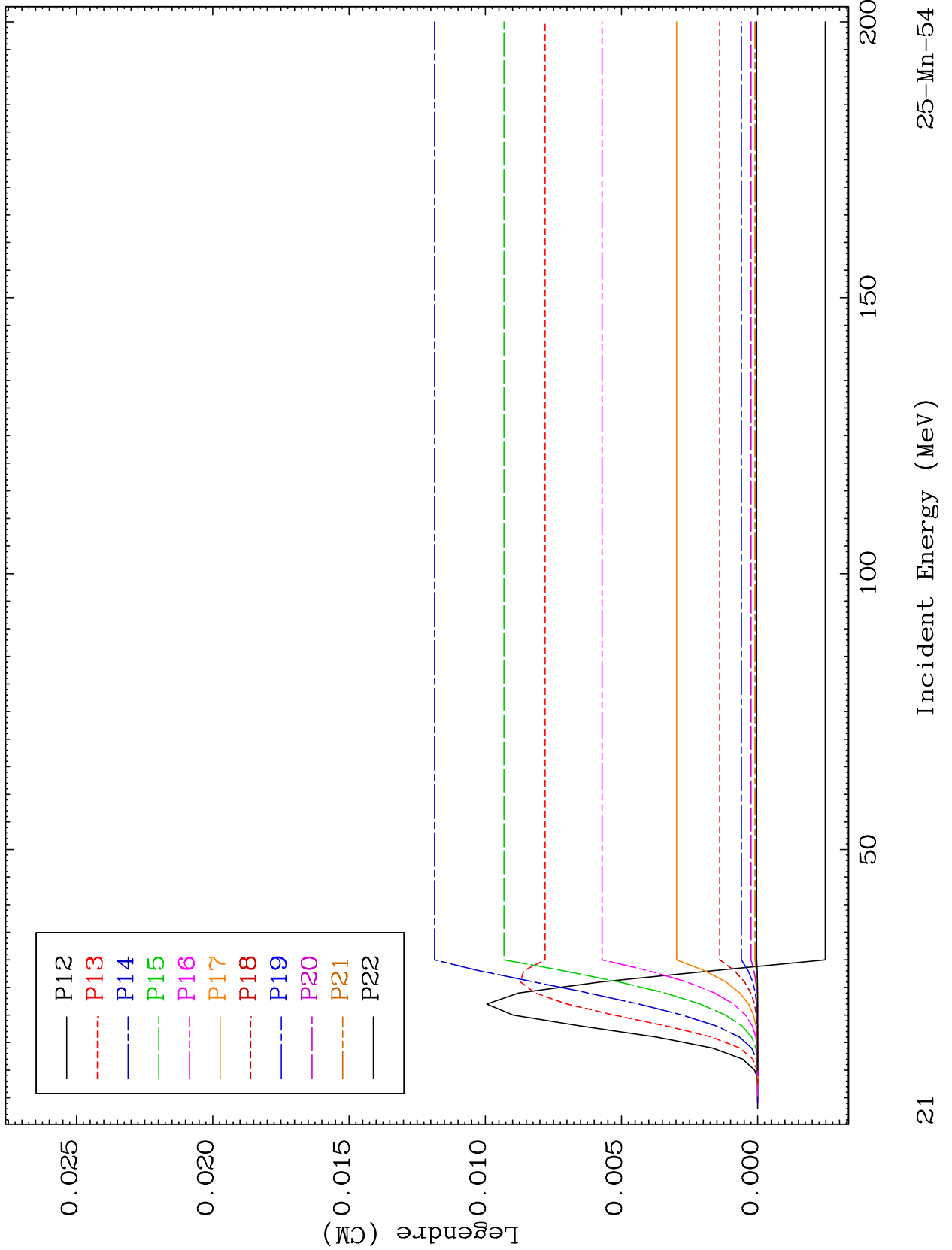


19

Incident Energy (MeV)

25-Mn-54



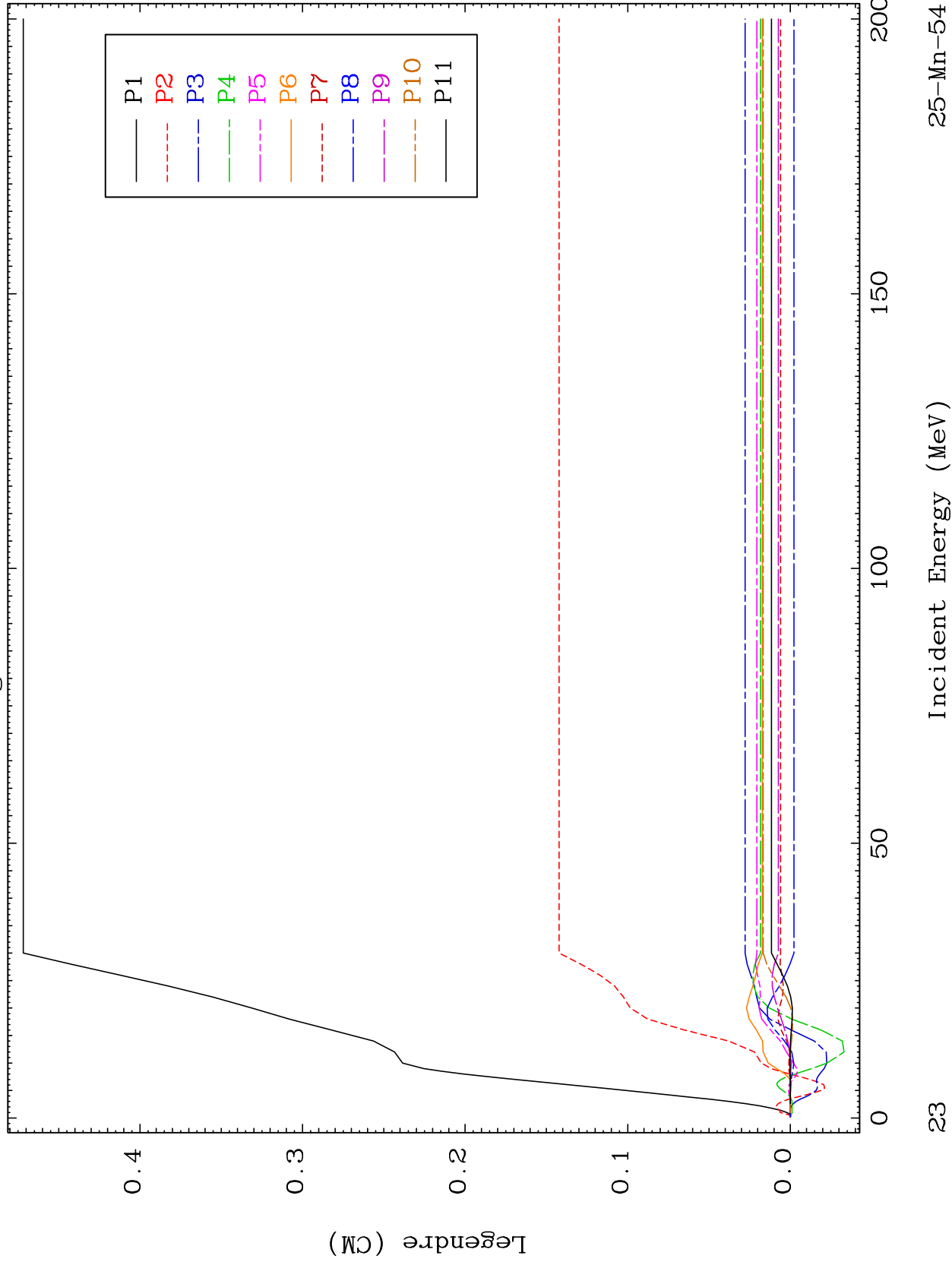




MAT 2522

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

25-Mn-54



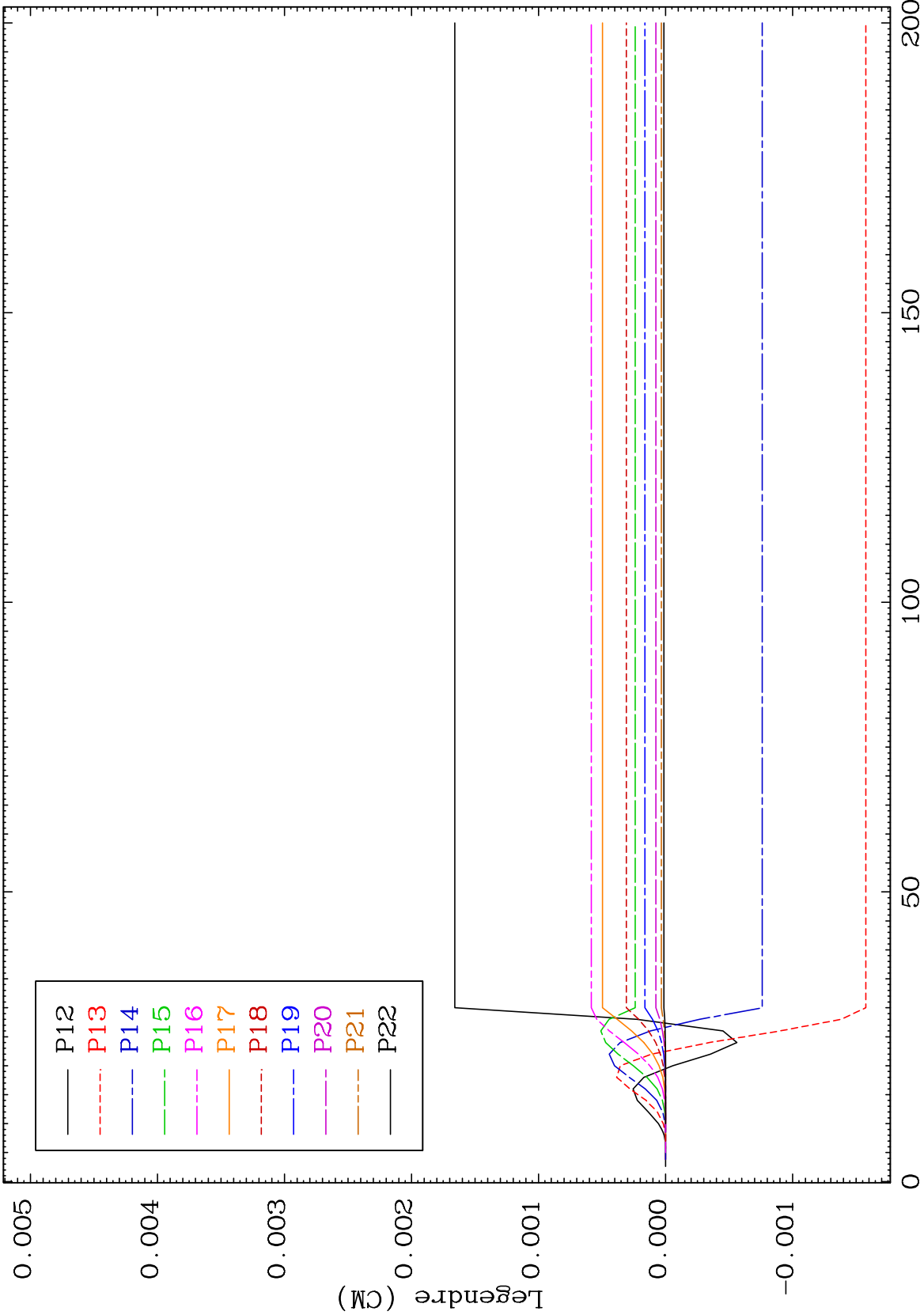
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25-Mn-54

MAT 2522

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

25-Mn-54



24

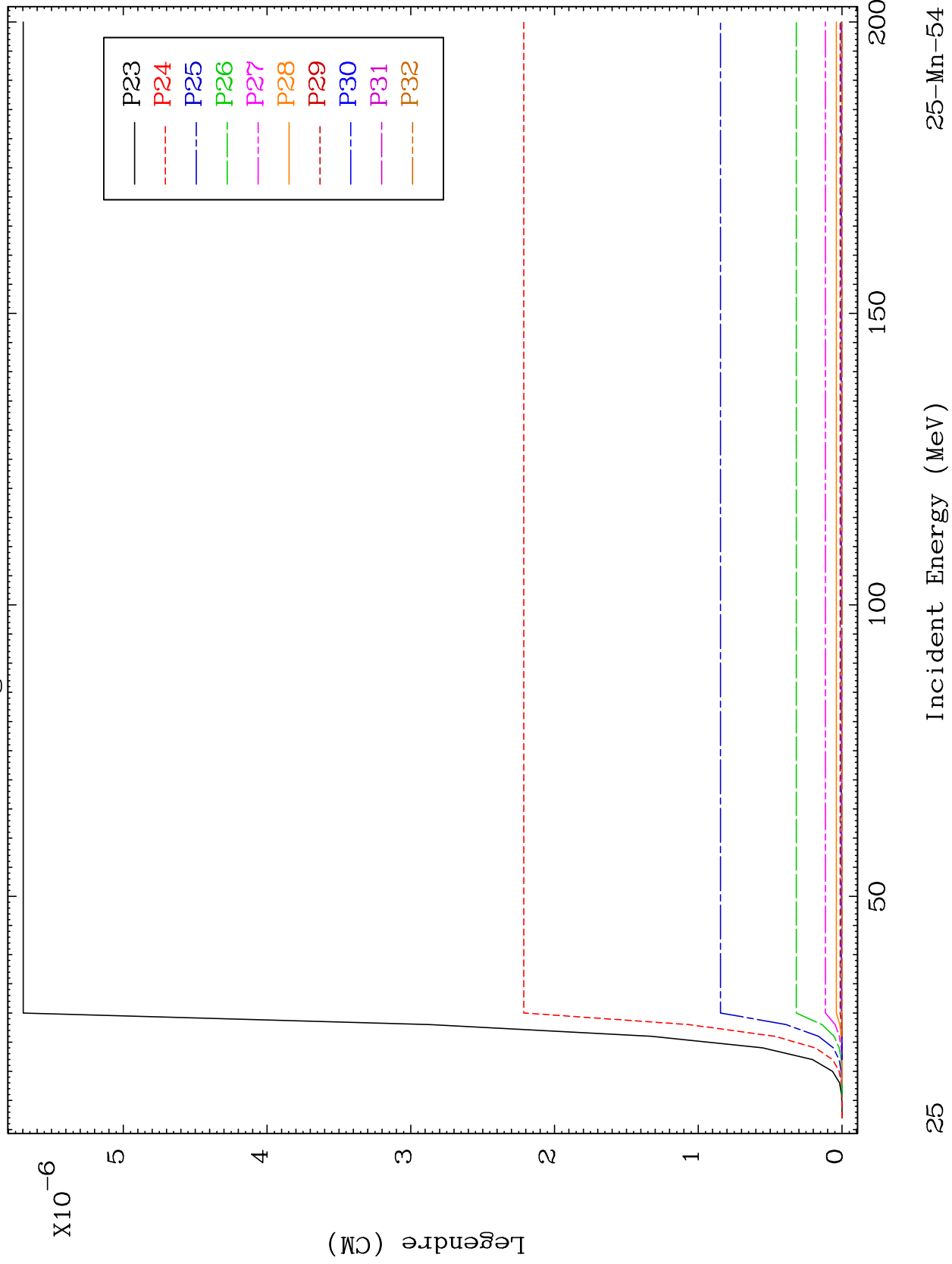
Incident Energy (MeV)

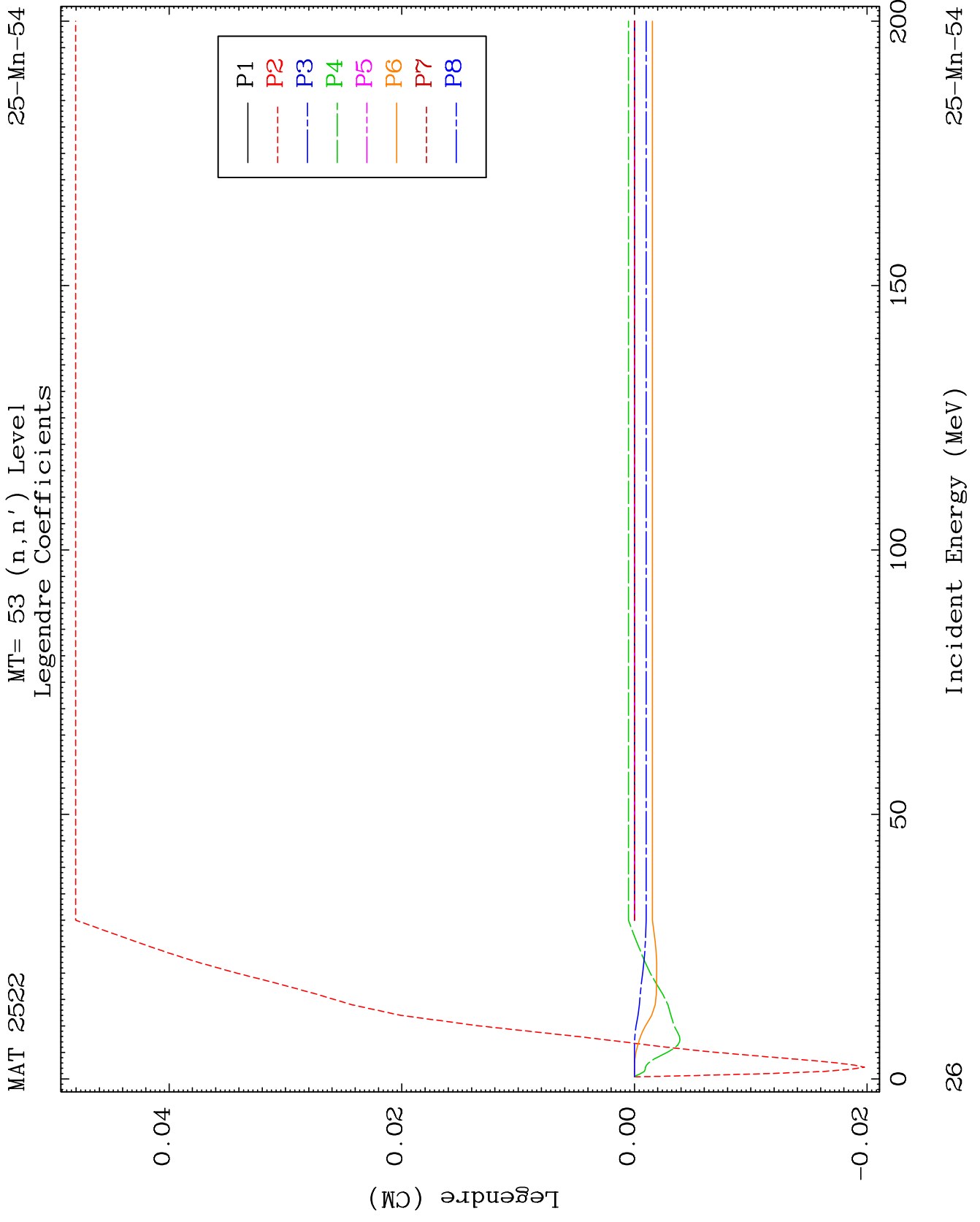
25-Mn-54

MAT 2522

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

25-Mn-54

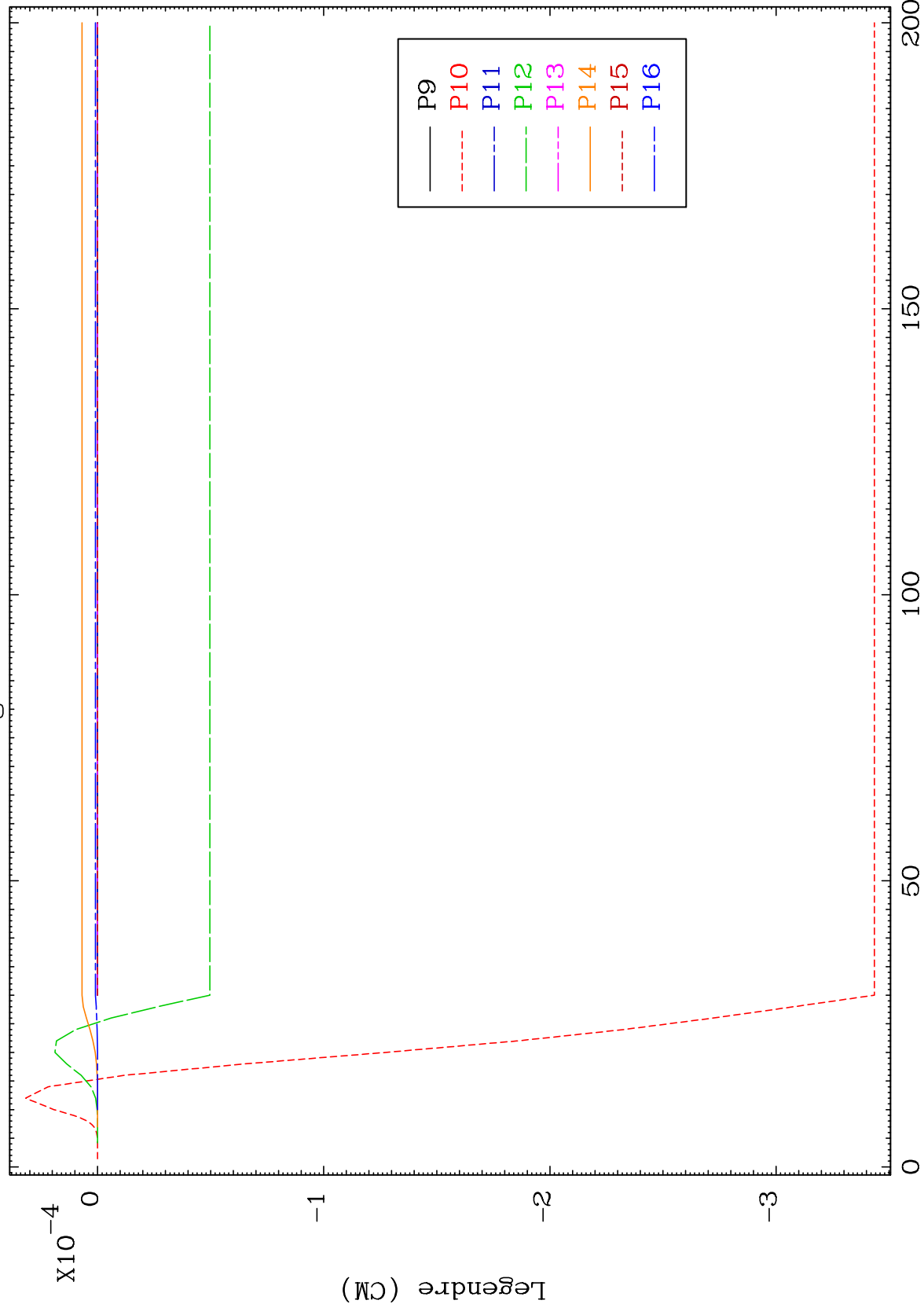




MAT 2522

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

25-Mn-54

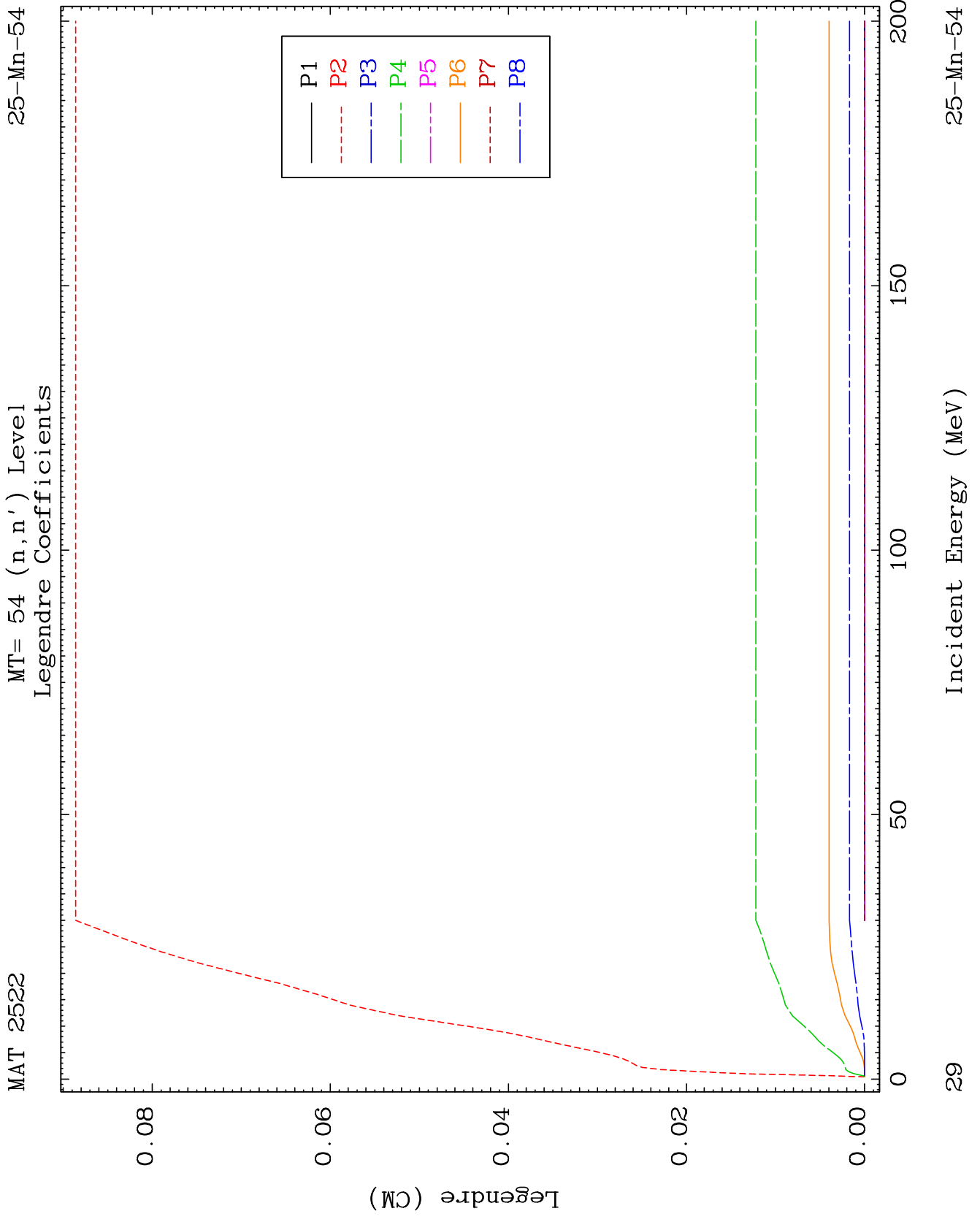


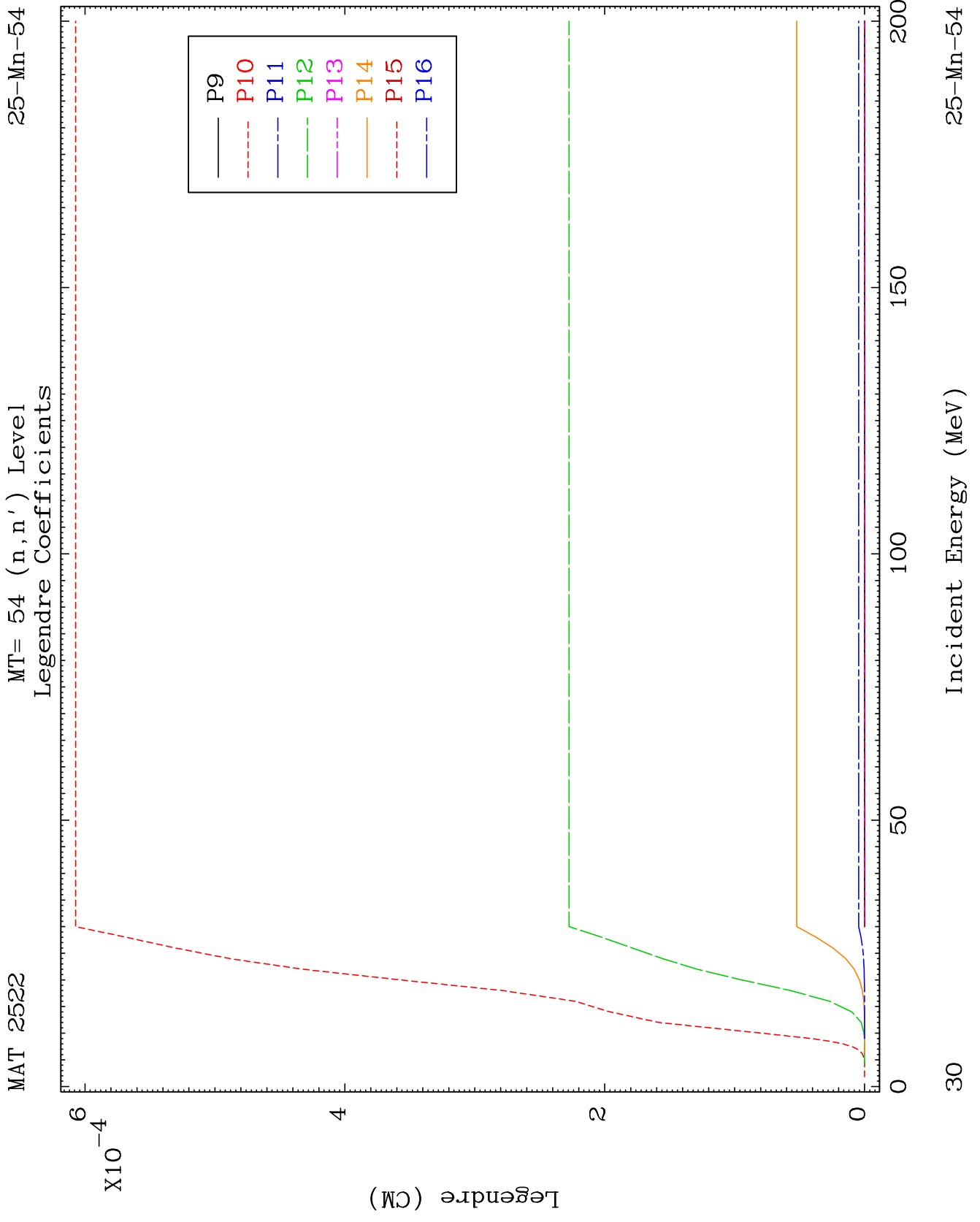
27

Incident Energy (MeV)

25-Mn-54





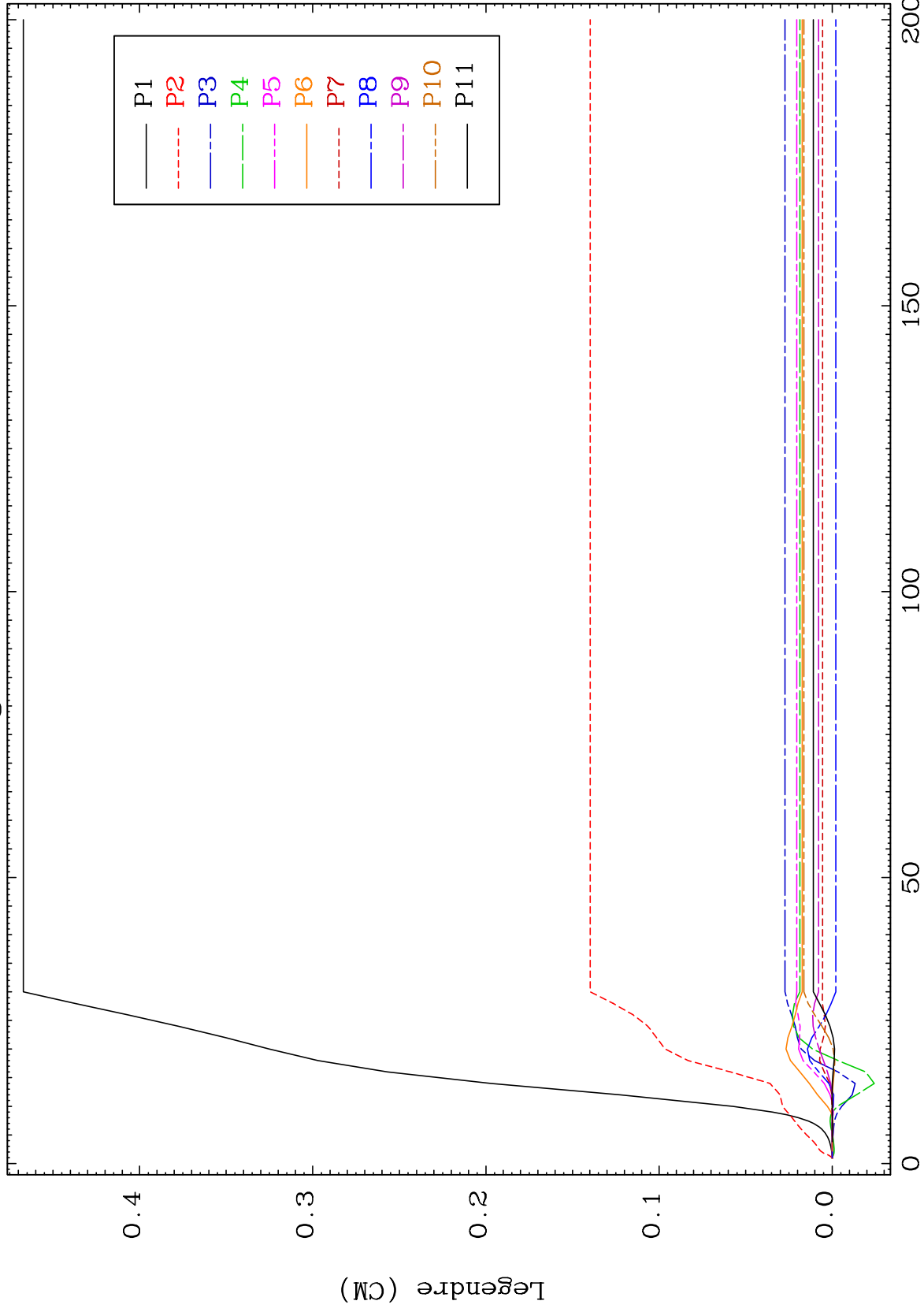




MAT 2522

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

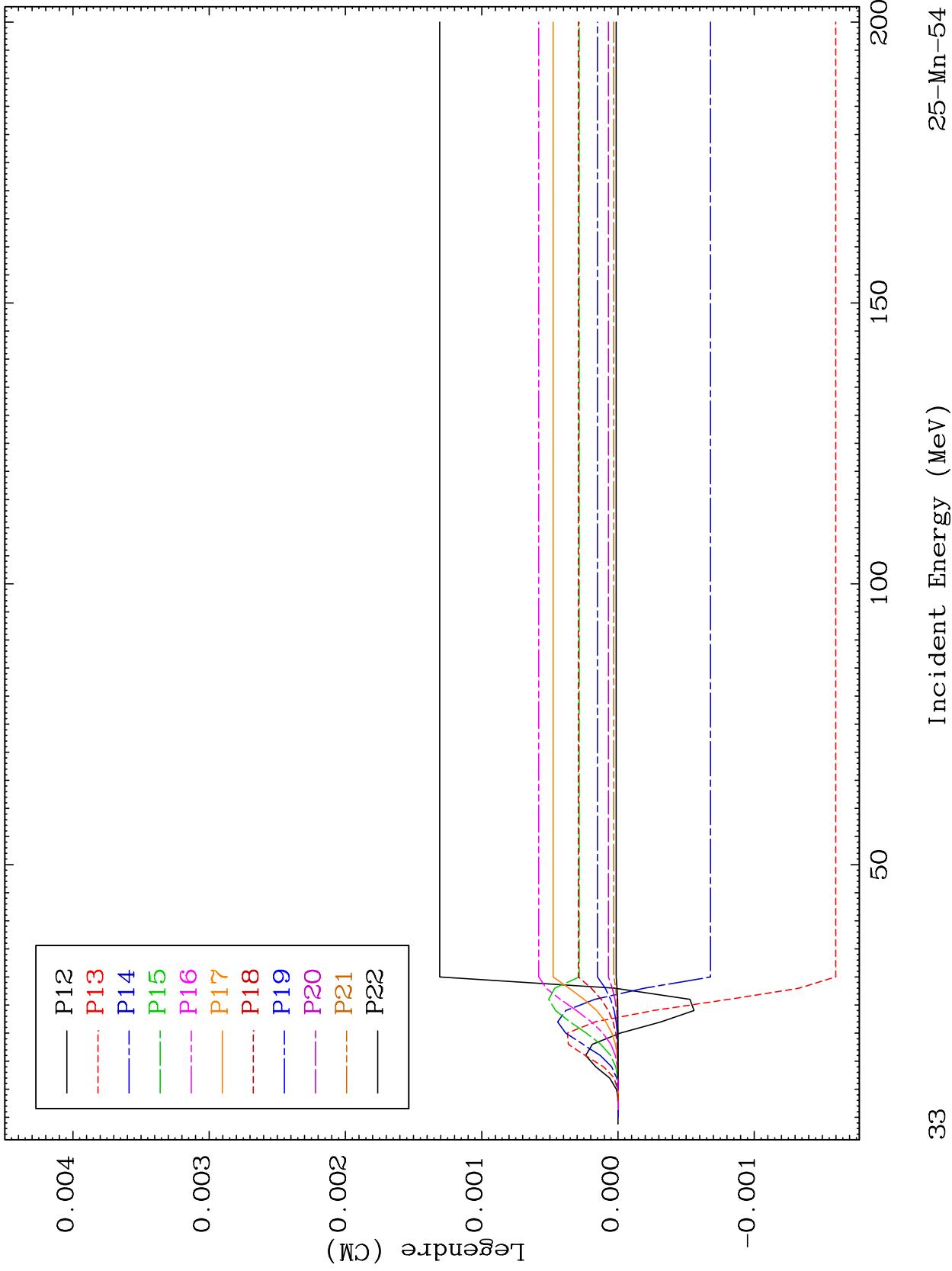
25-Mn-54



32

Incident Energy (MeV)

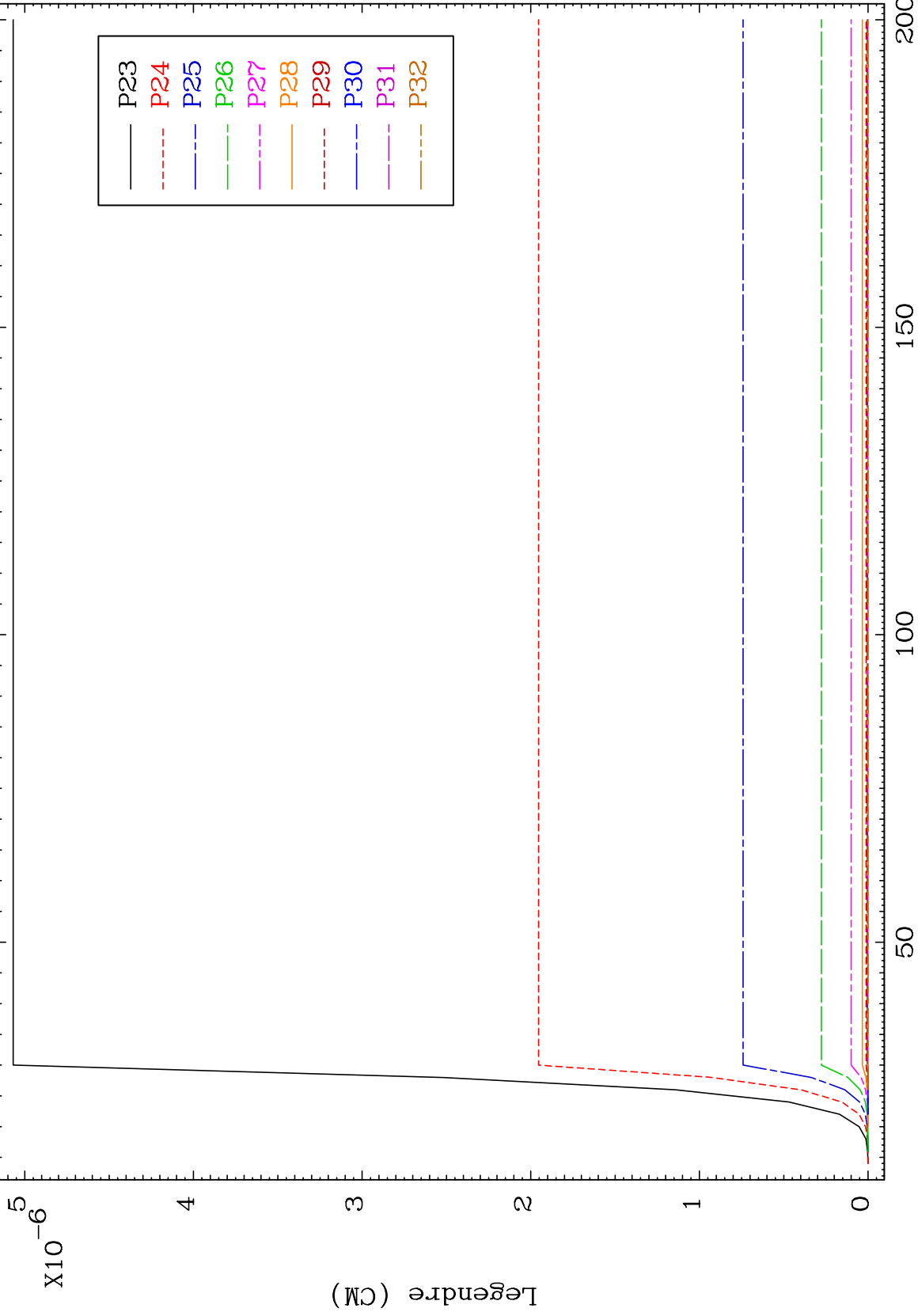
25-Mn-54



MAT 2522

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

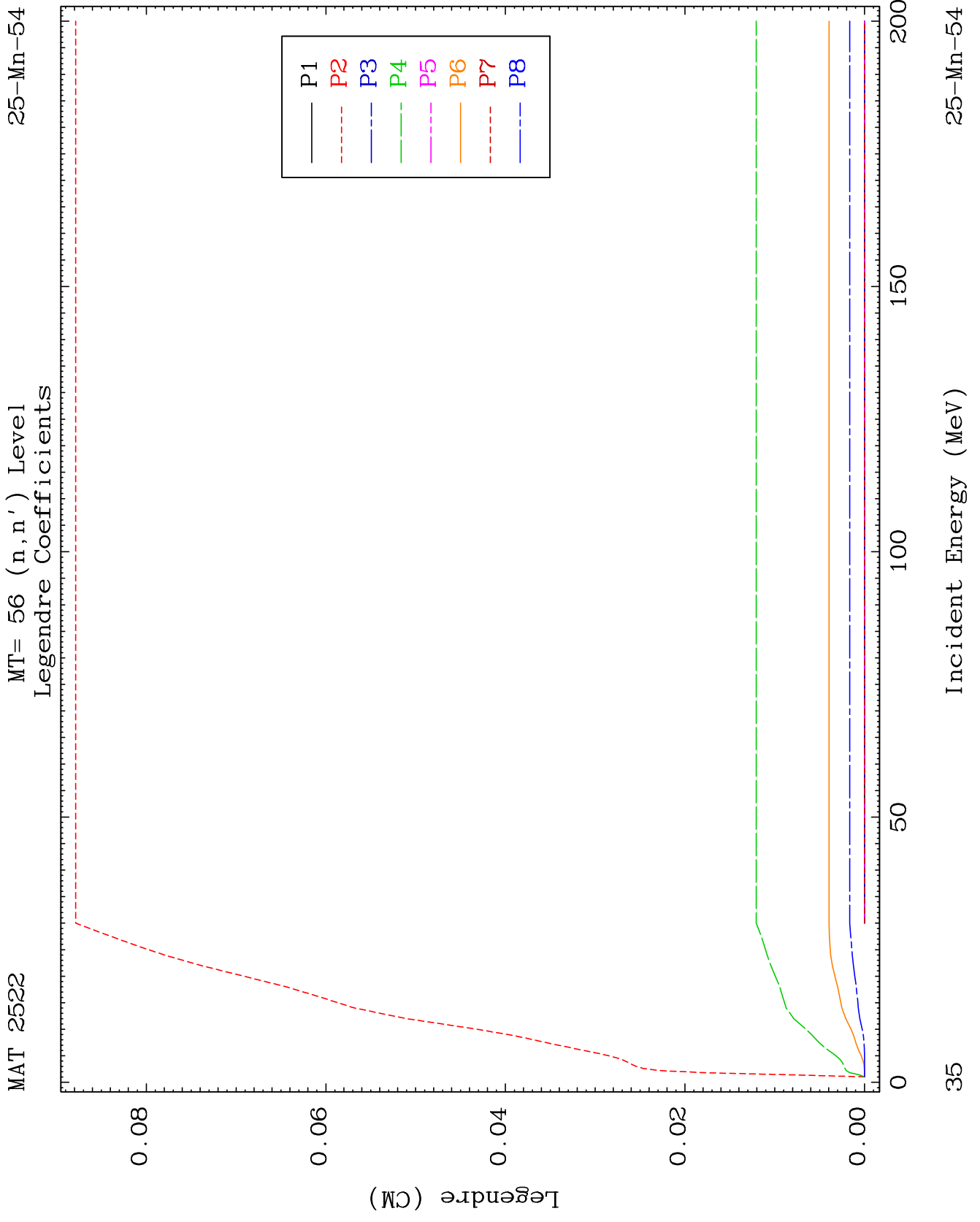
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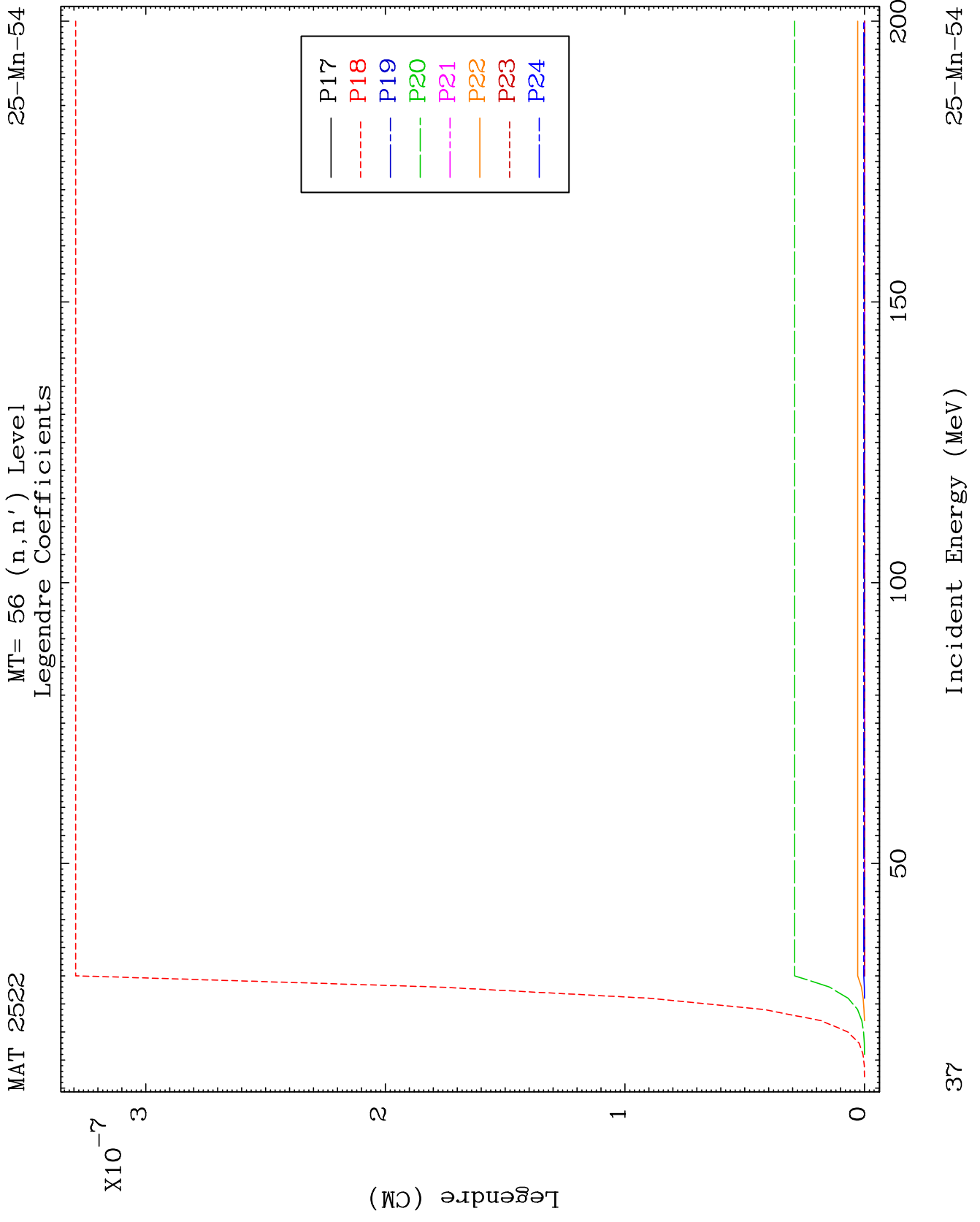
34

Incident Energy (MeV)

25-Mn-54



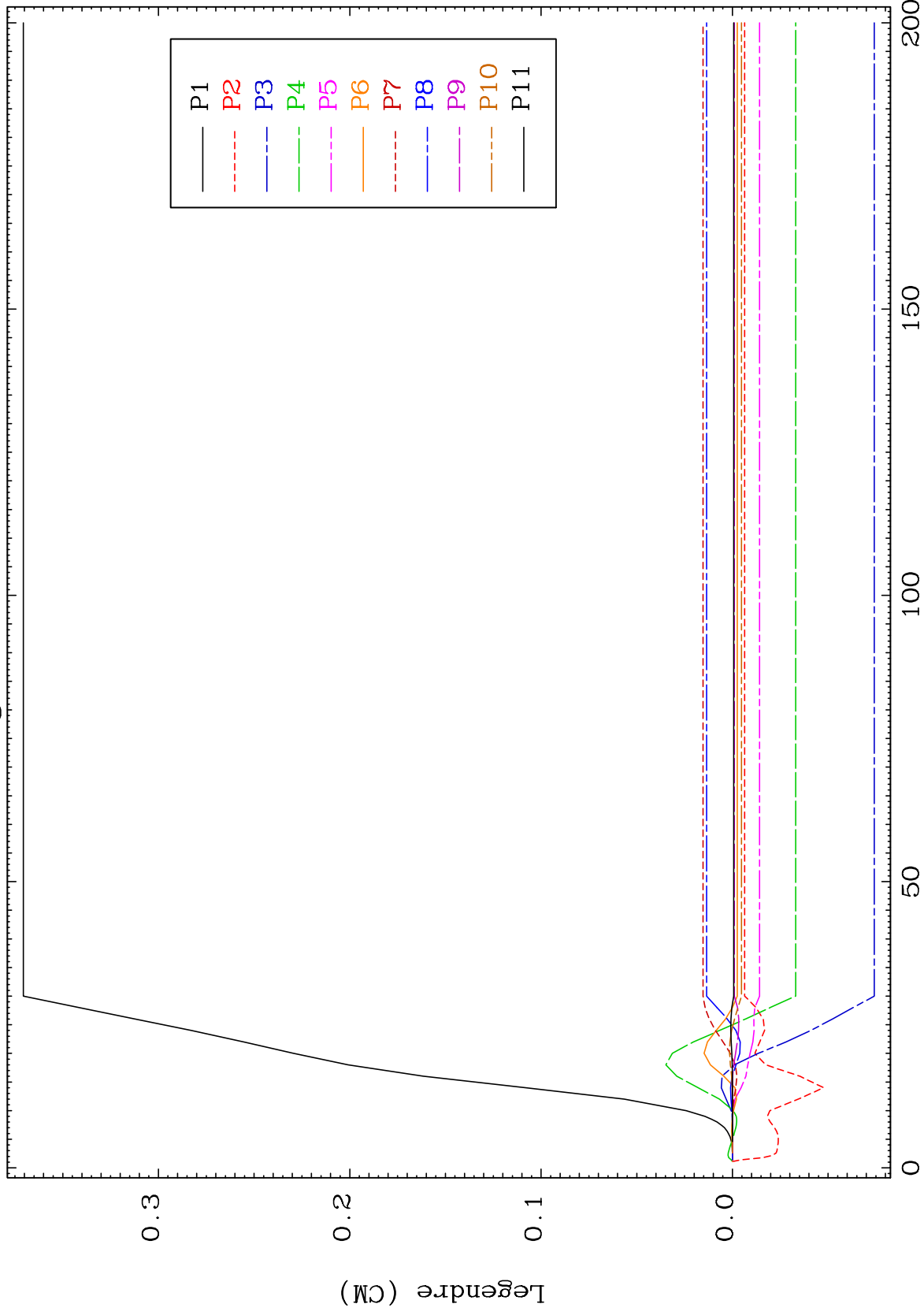




MAT 2522

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

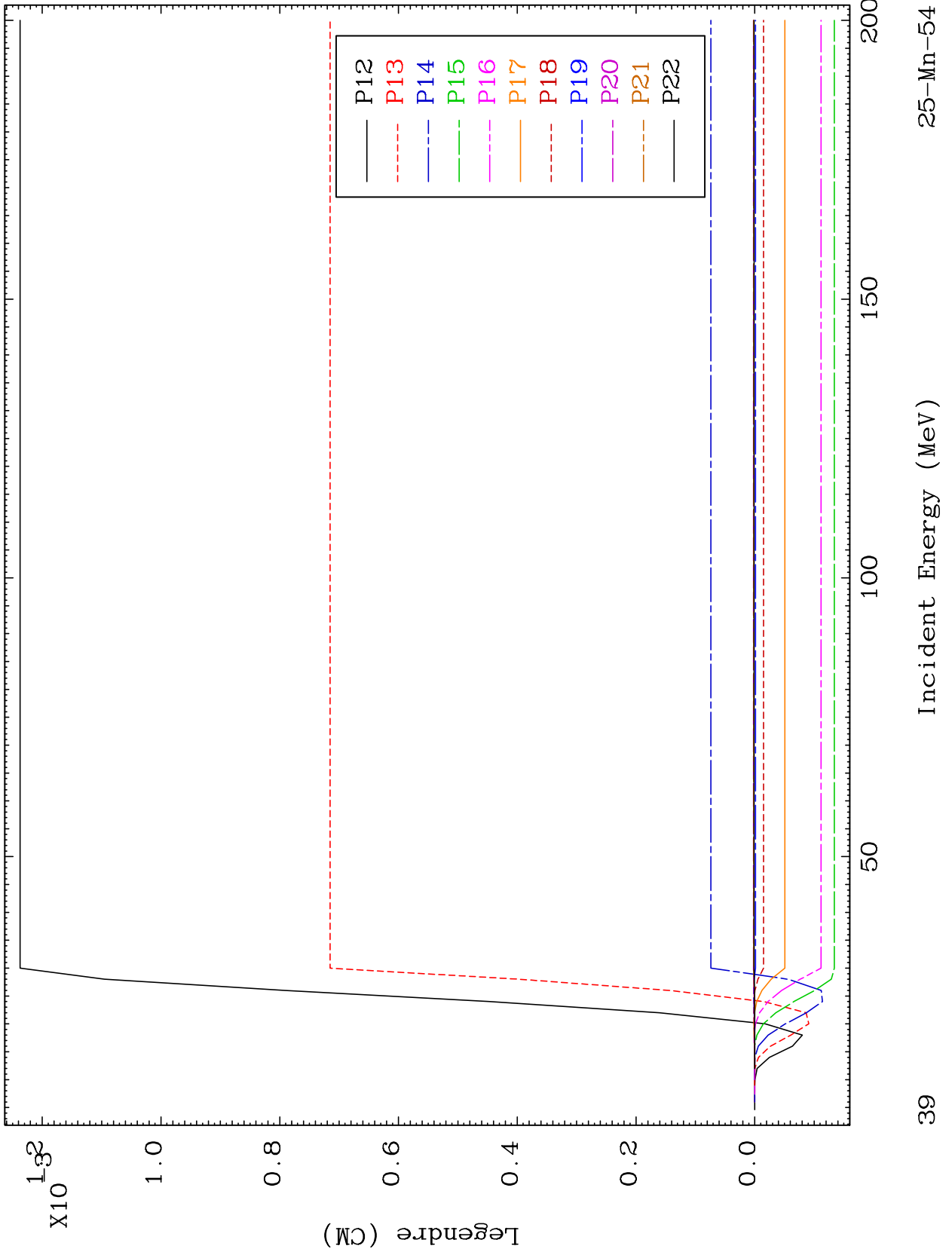
25-Mn-54



38

Incident Energy (MeV)

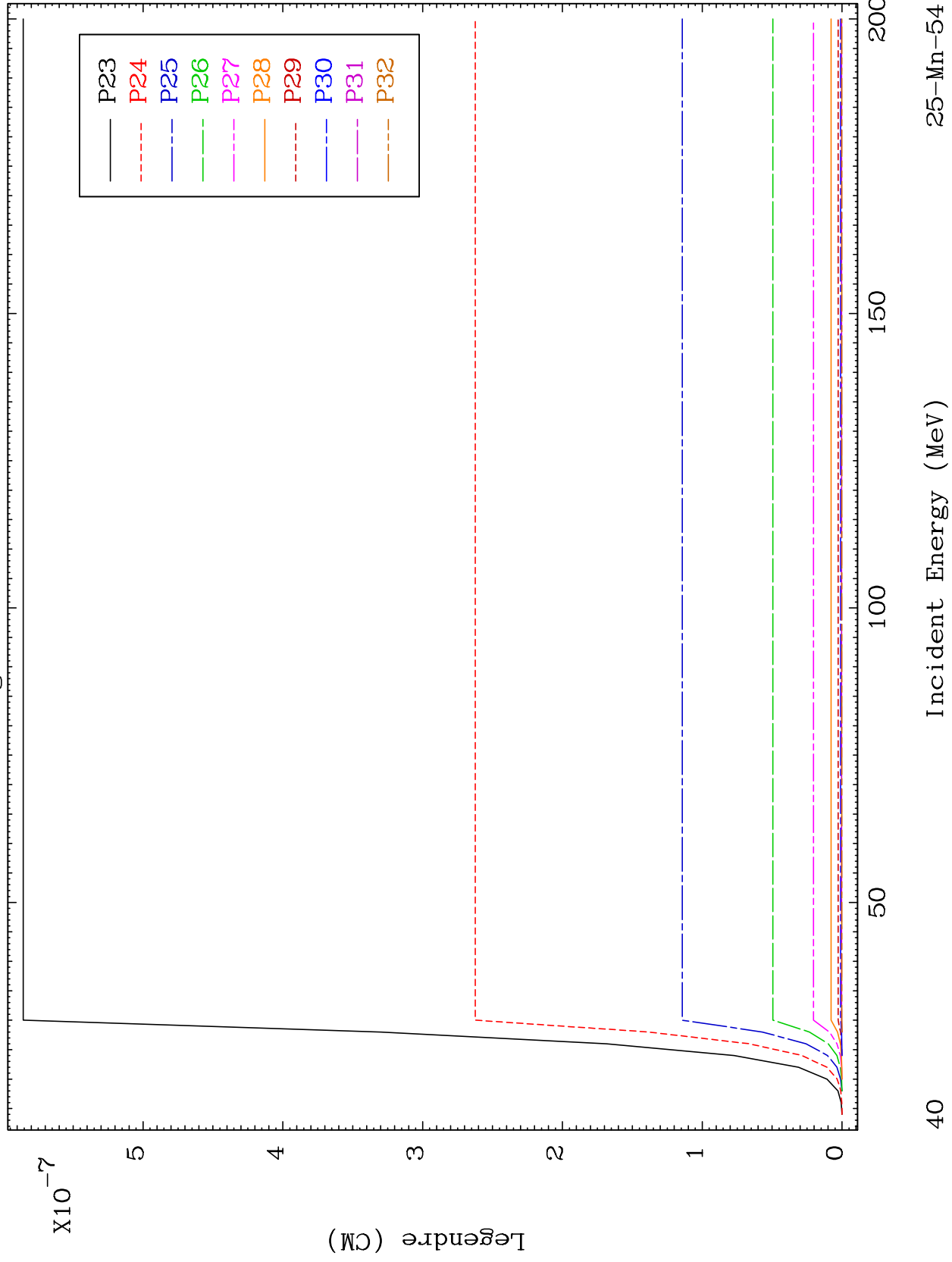
25-Mn-54



MAT 2522

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

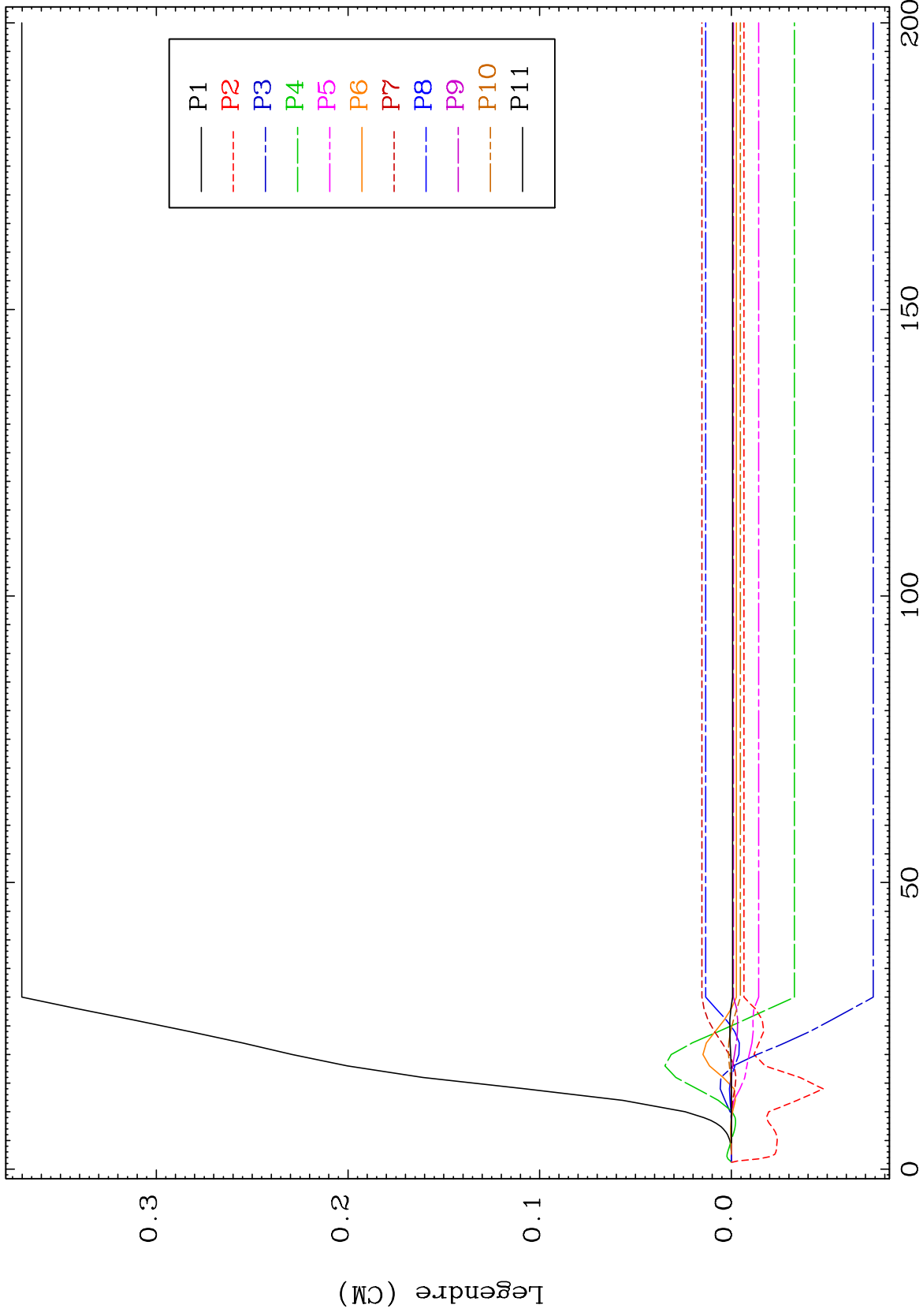
25-Mn-54



MAT 2522

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

25-Mn-54



41

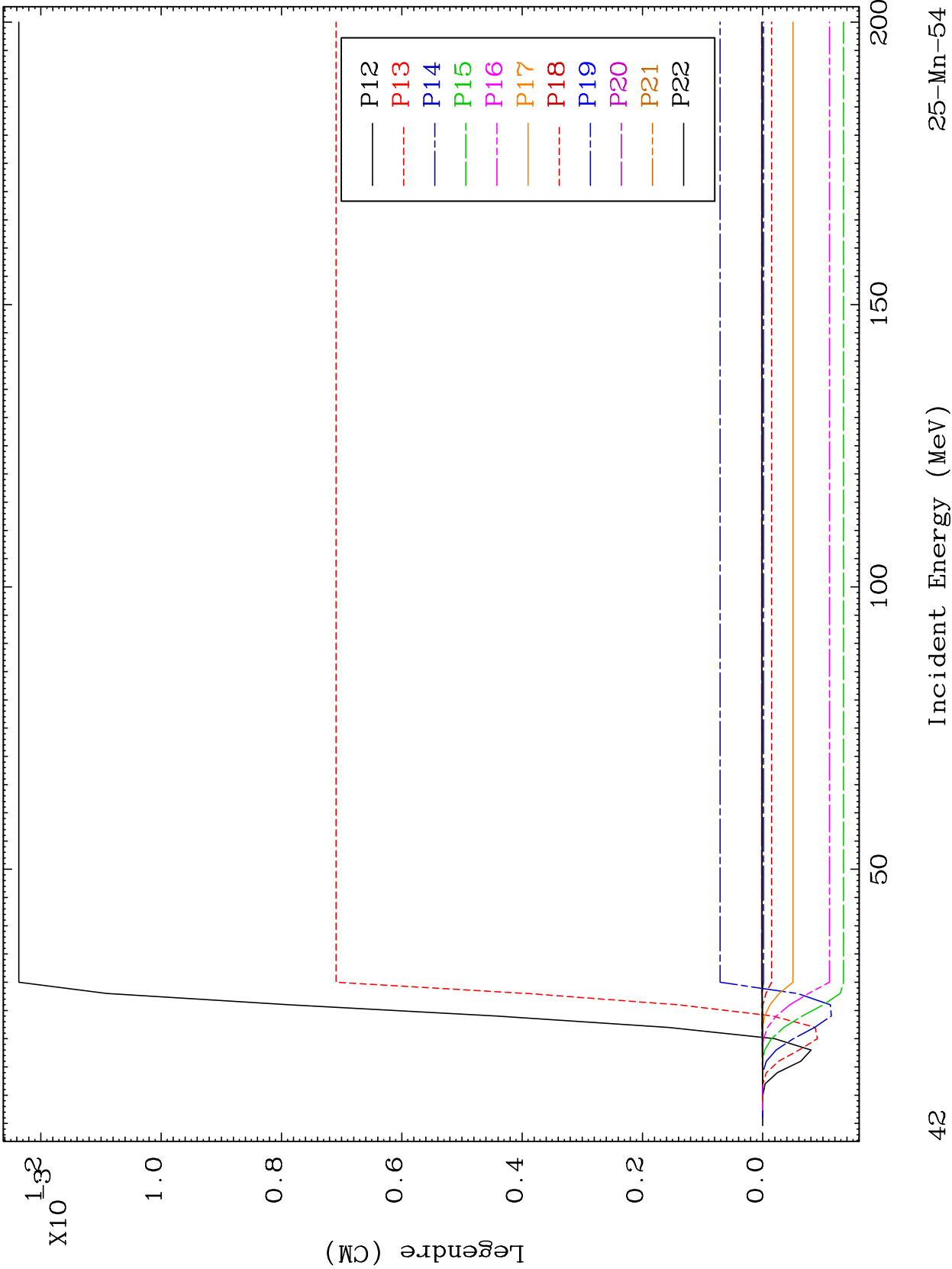
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



42

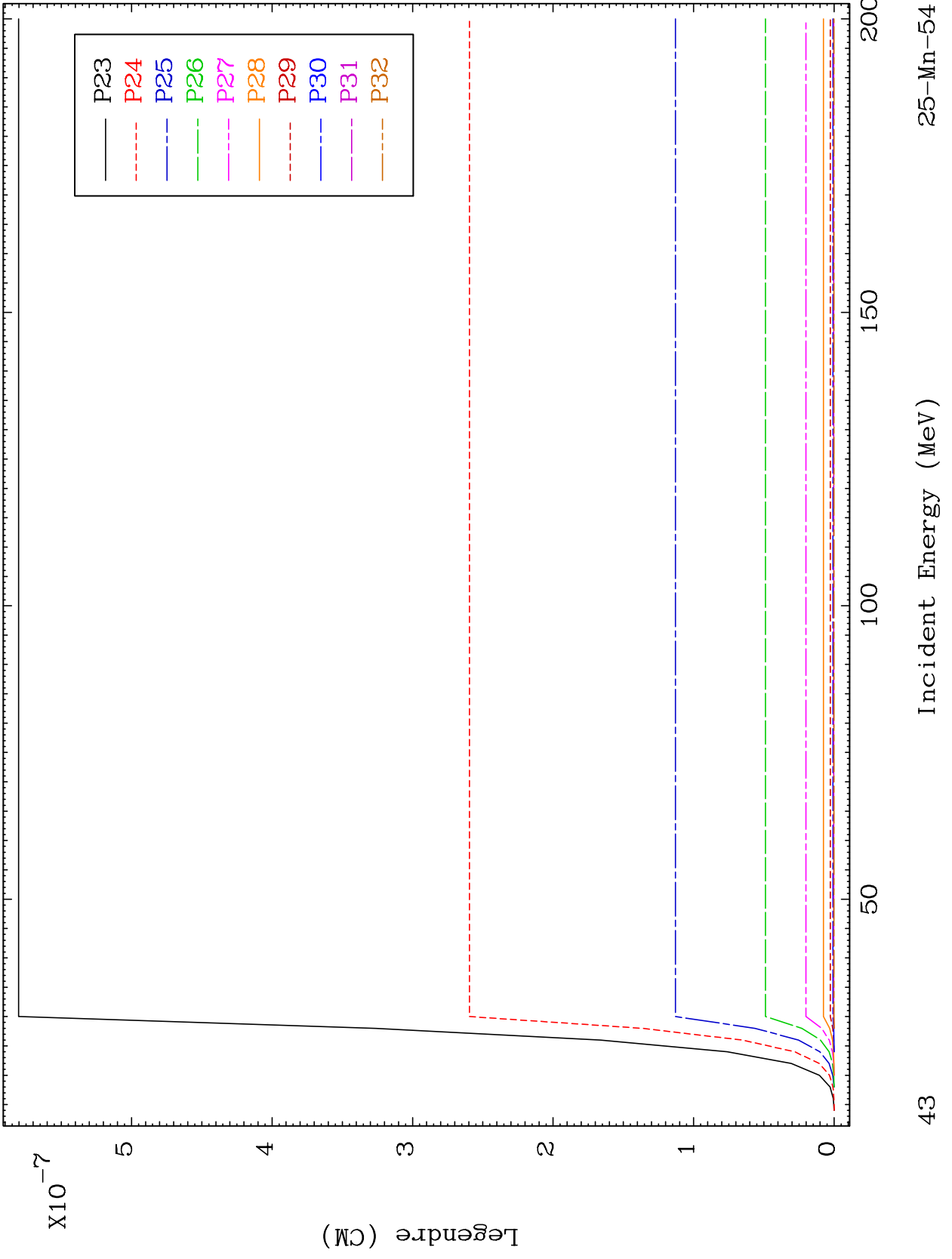
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

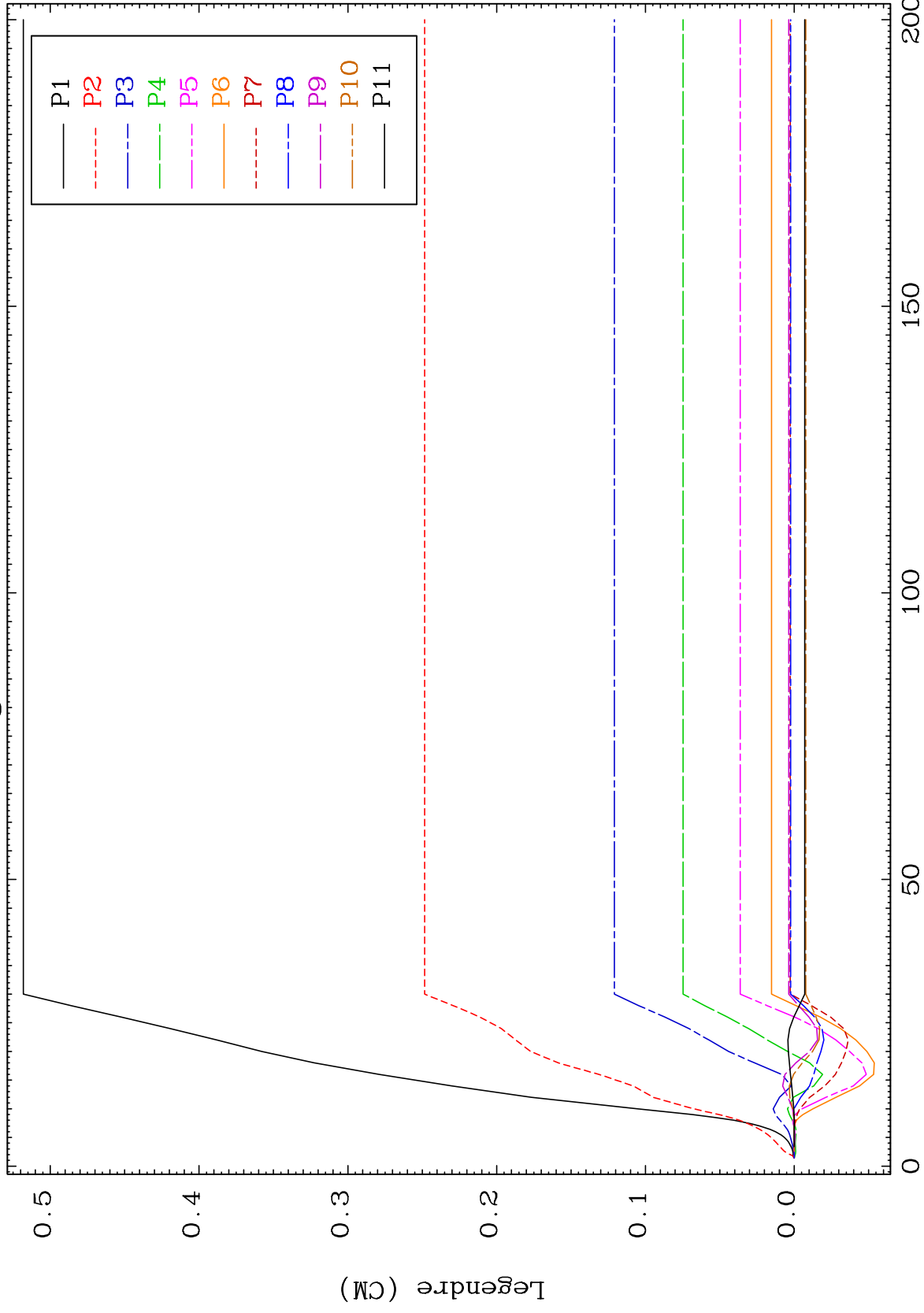
25-Mn-54



MAT 2522

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

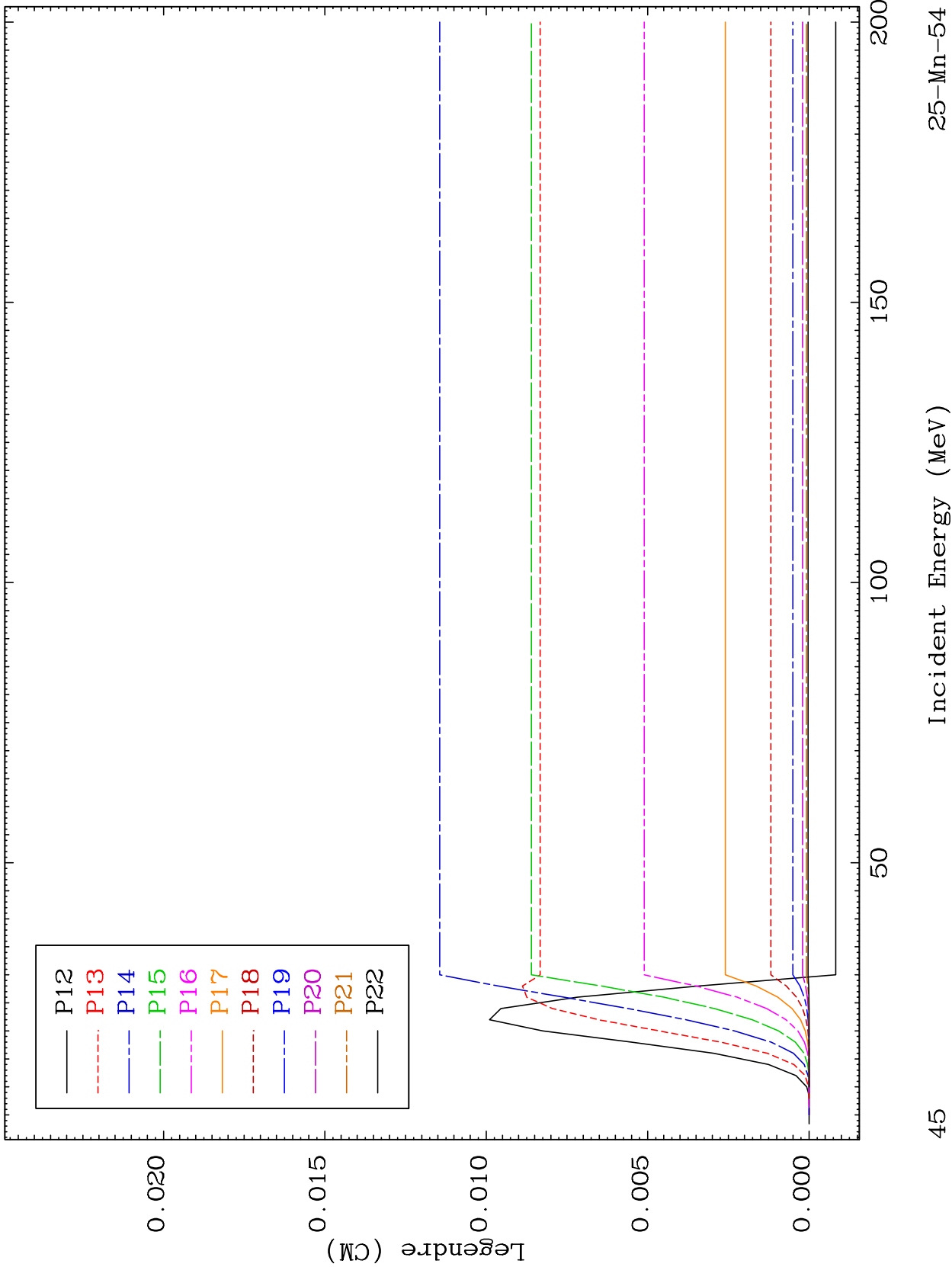
25-Mn-54



44

Incident Energy (MeV)

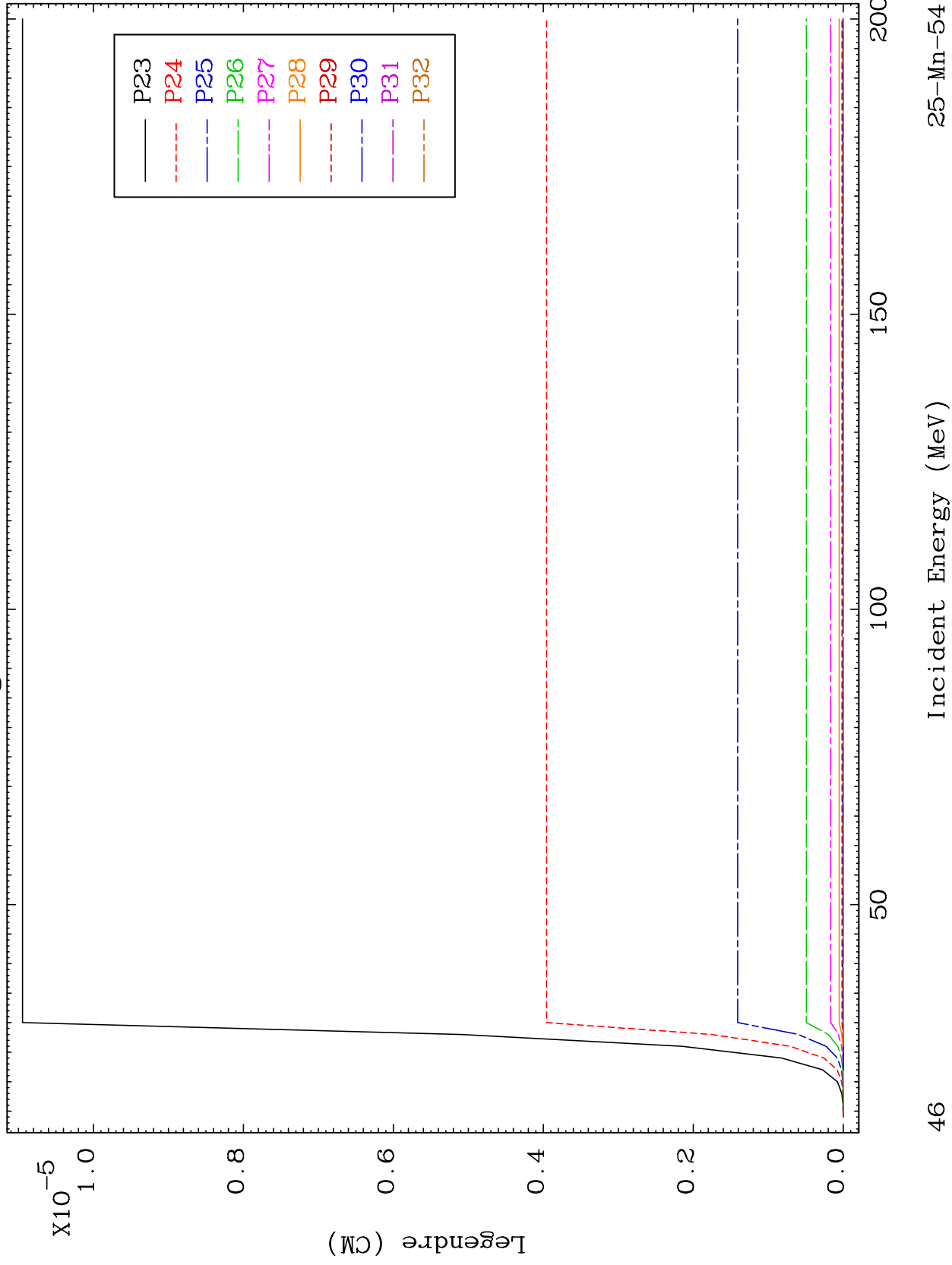
25-Mn-54



MAT 2522

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

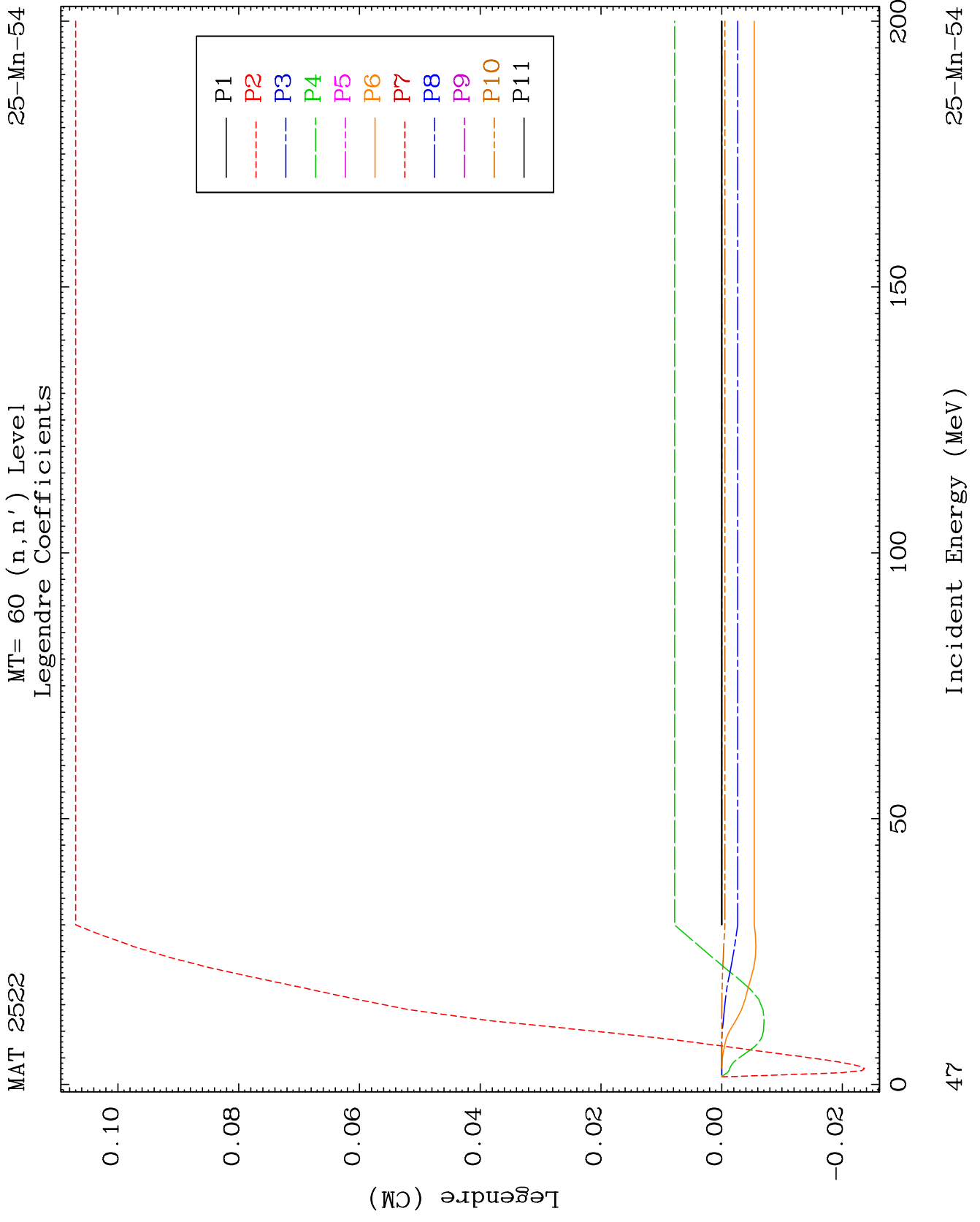
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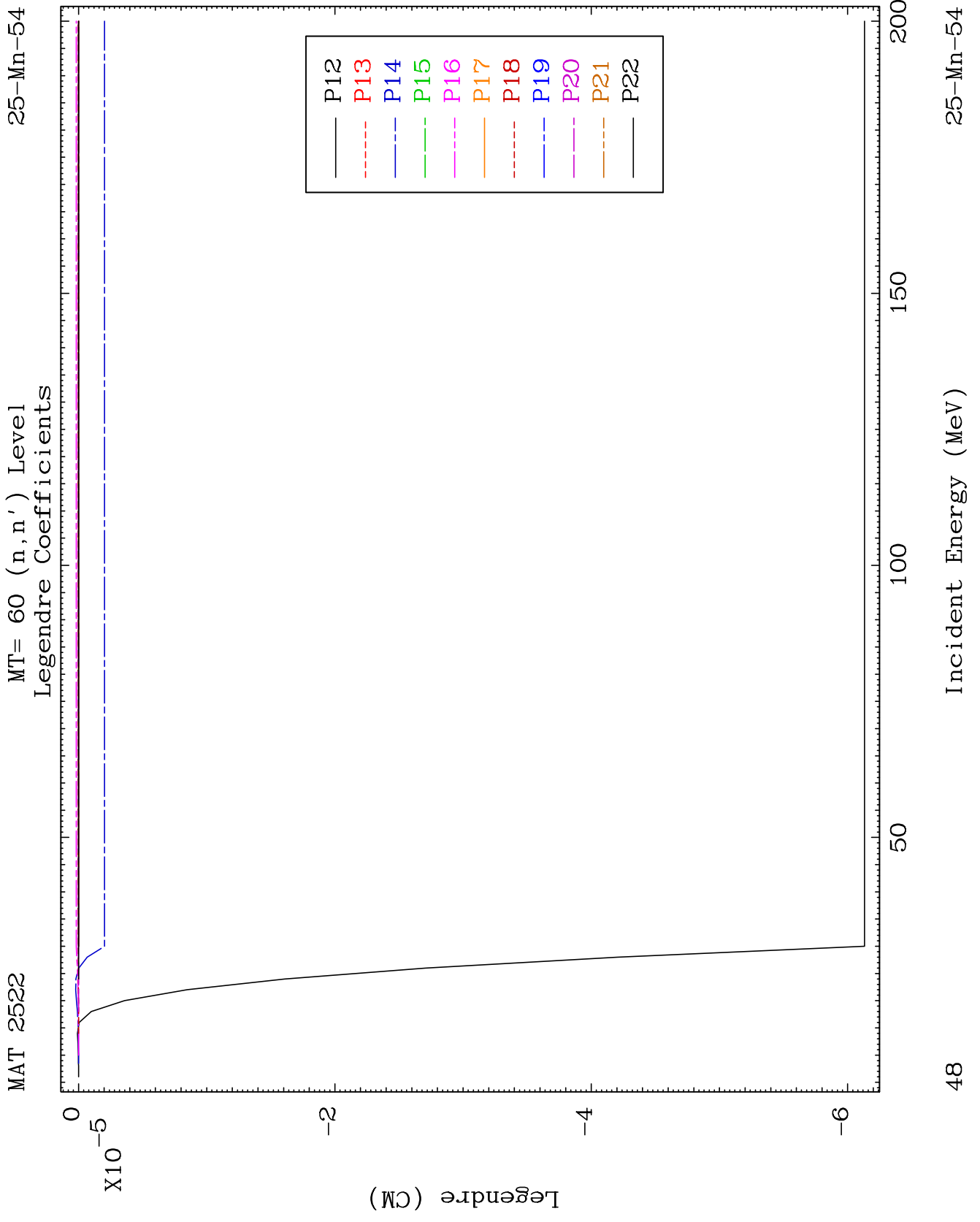


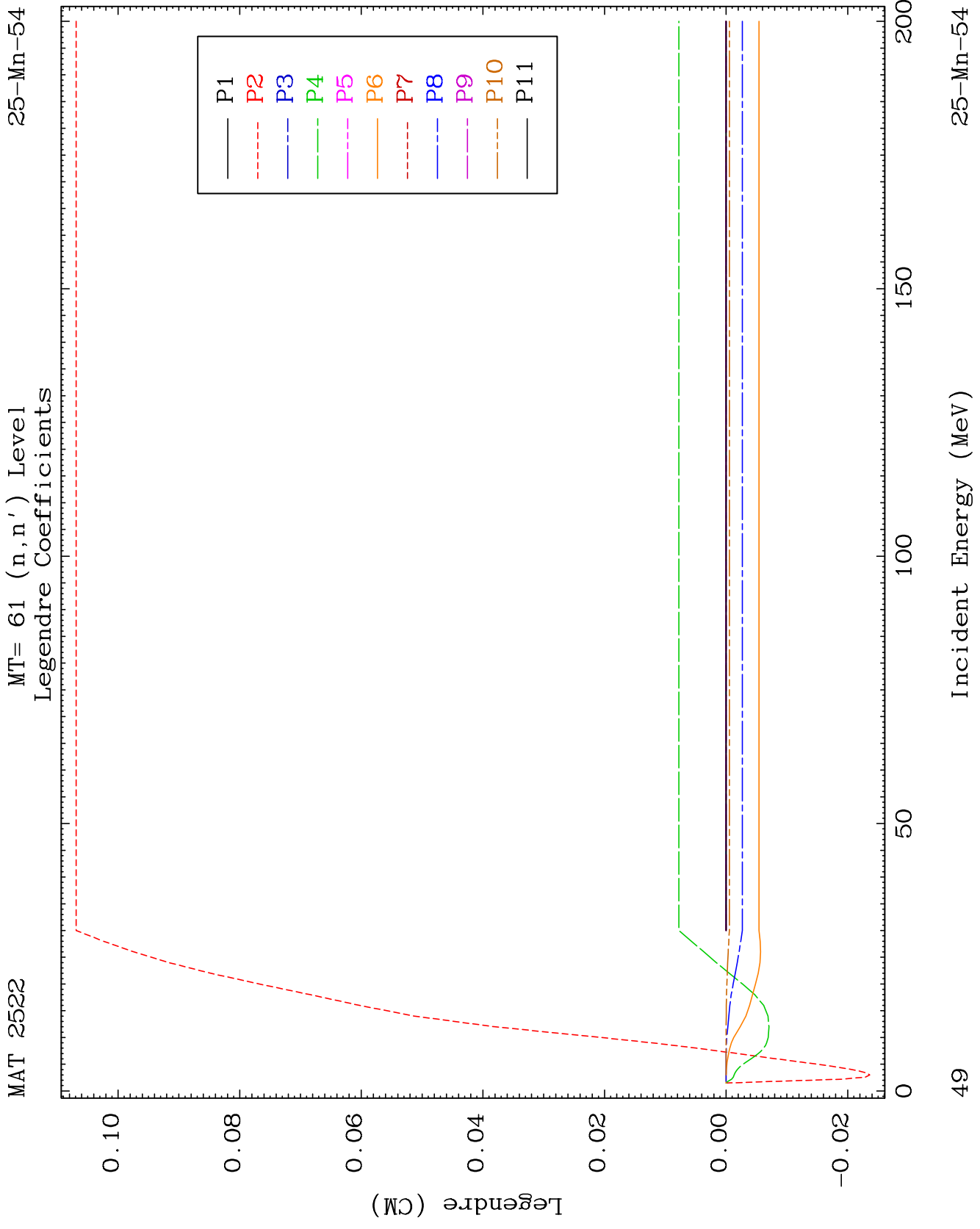
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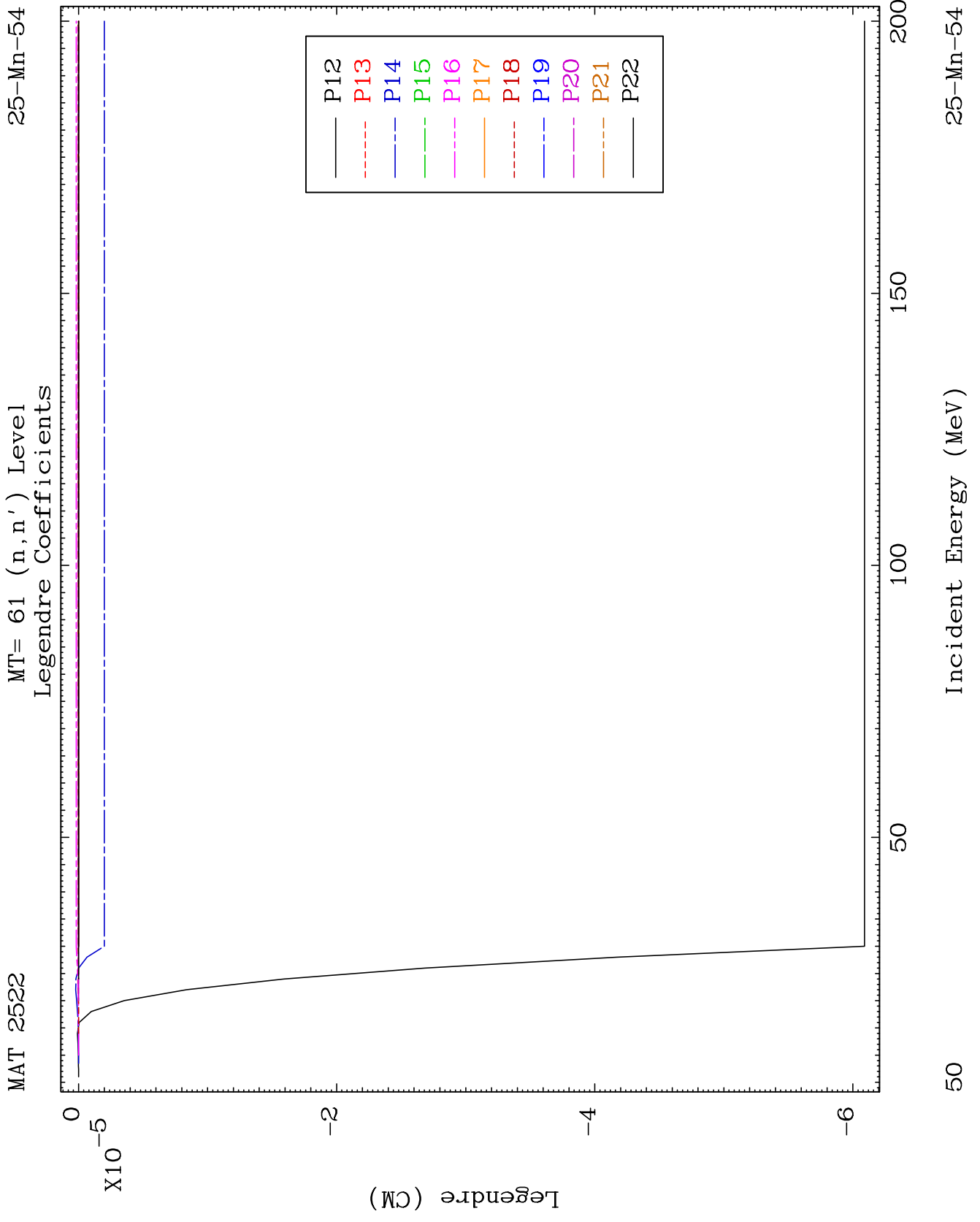
Incident Energy (MeV)

25-Mn-54





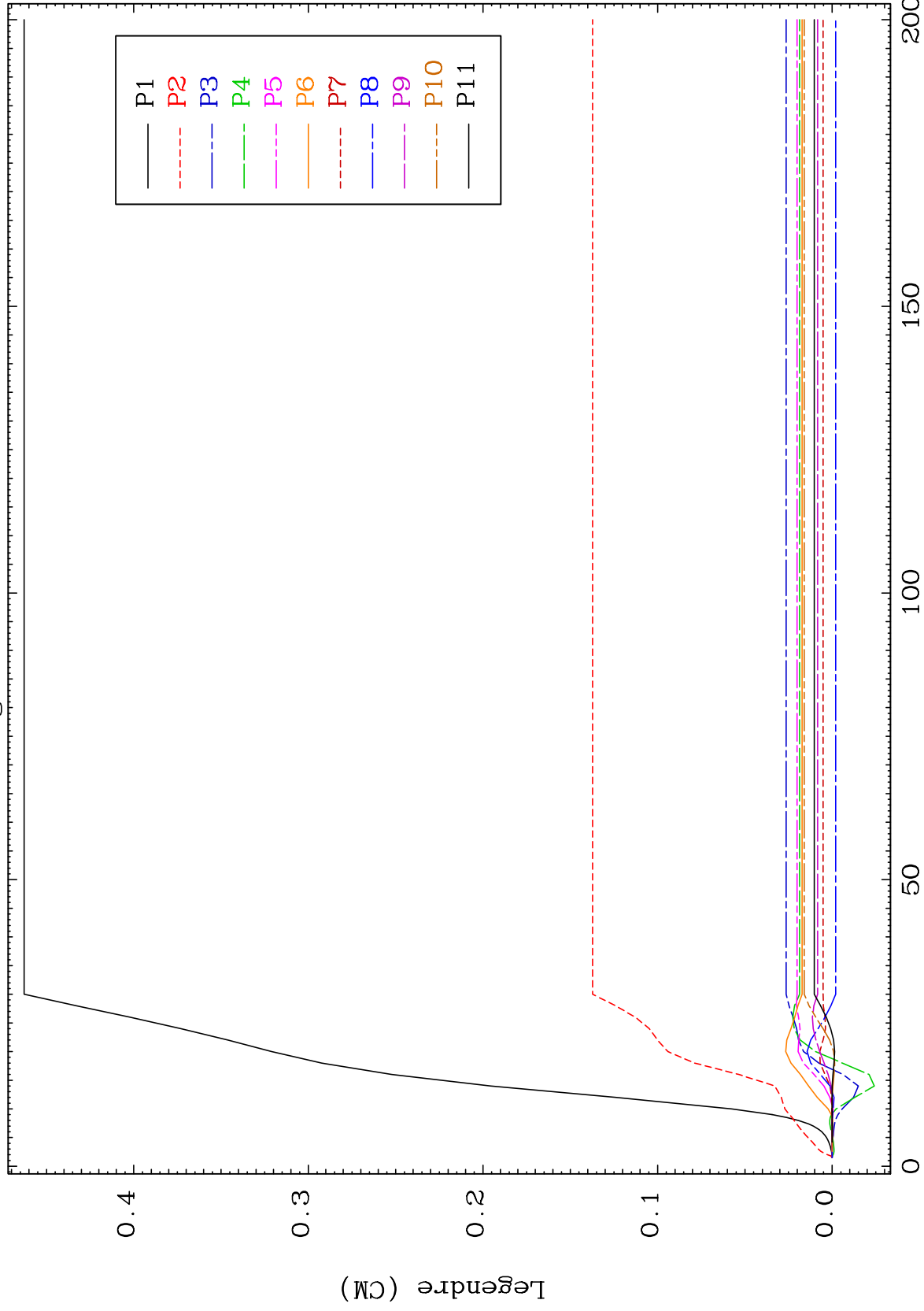




MAT 2522

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

25-Mn-54



51

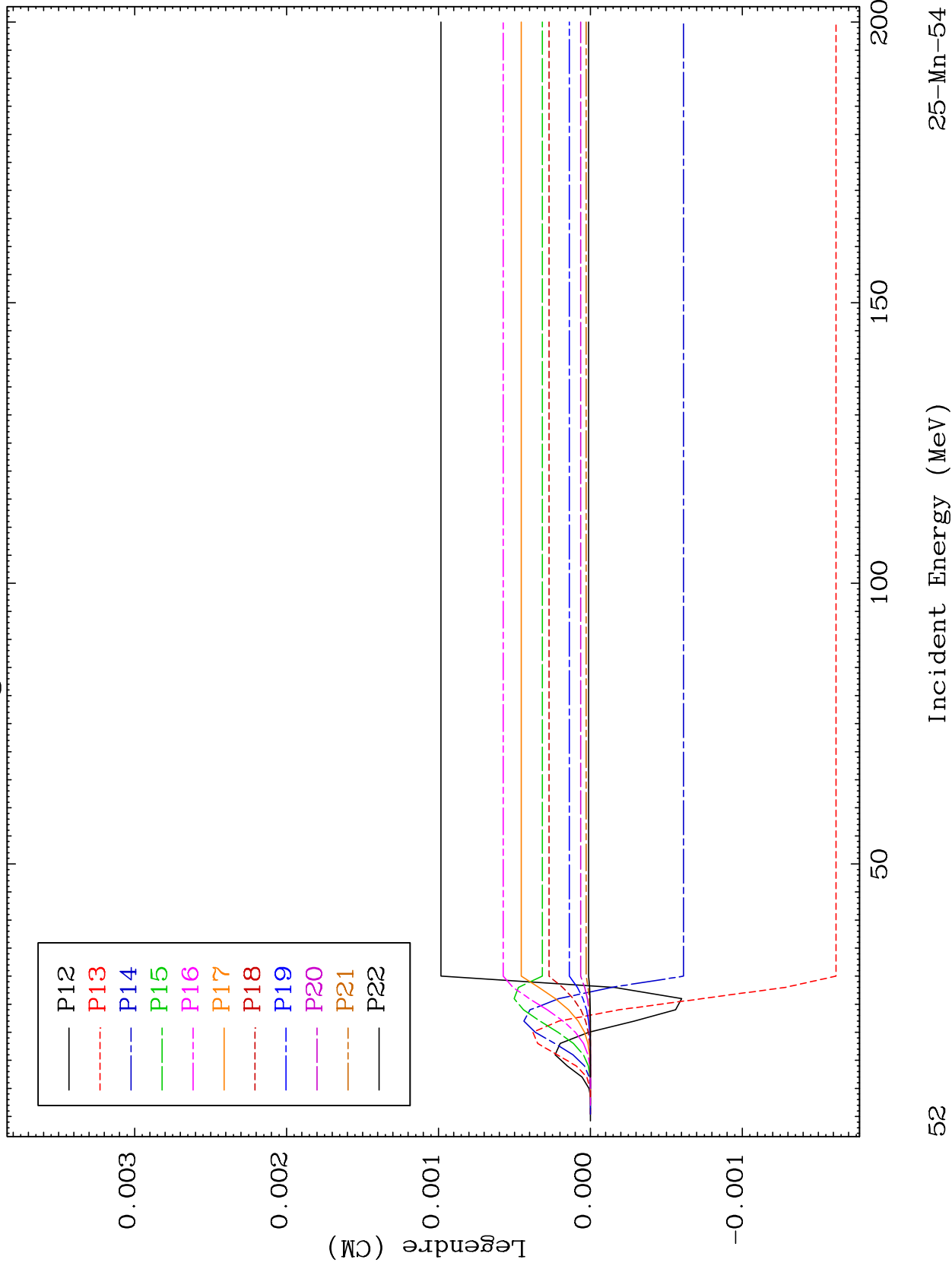
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



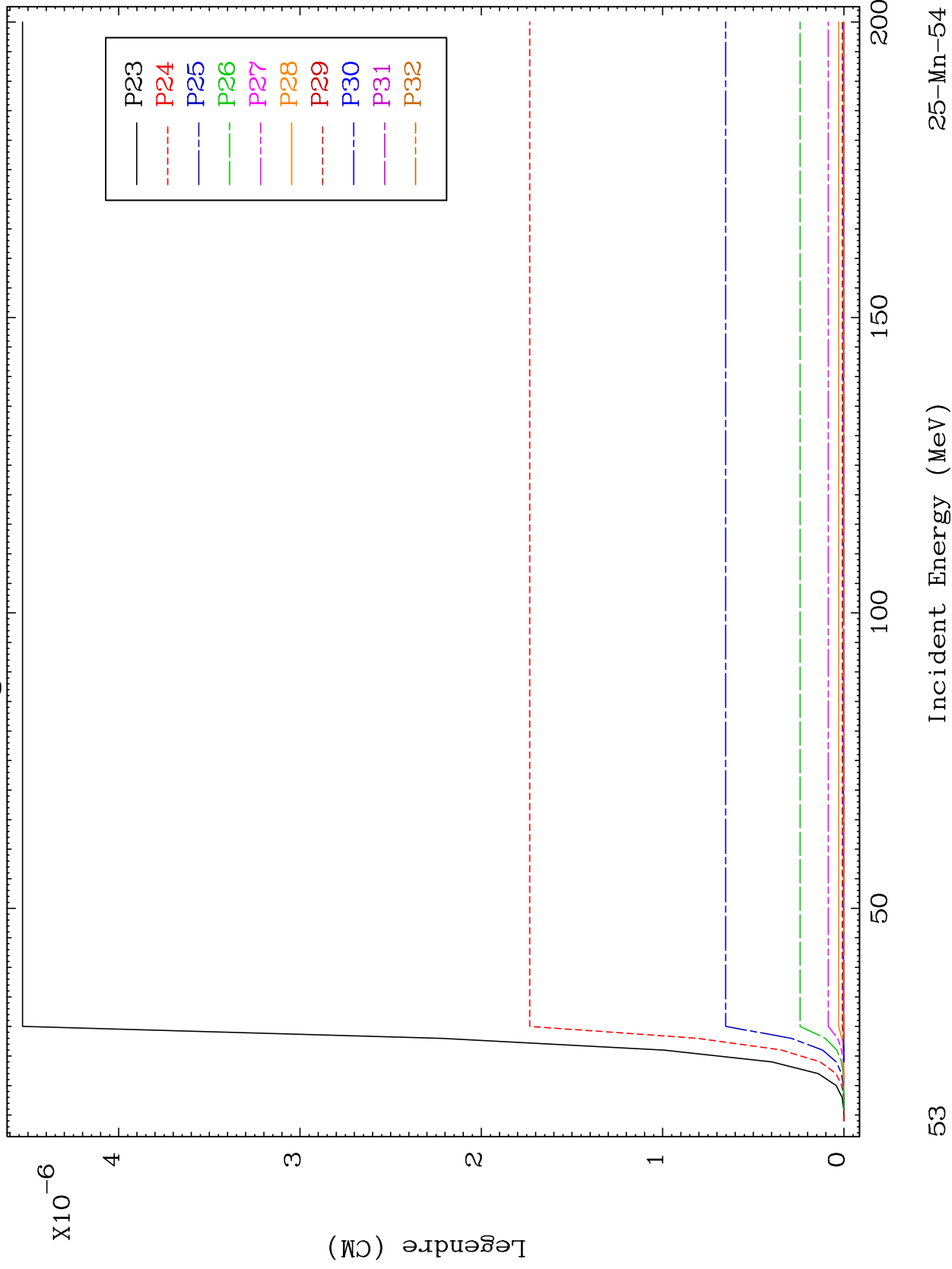
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25-Mn-54

MAT 2522

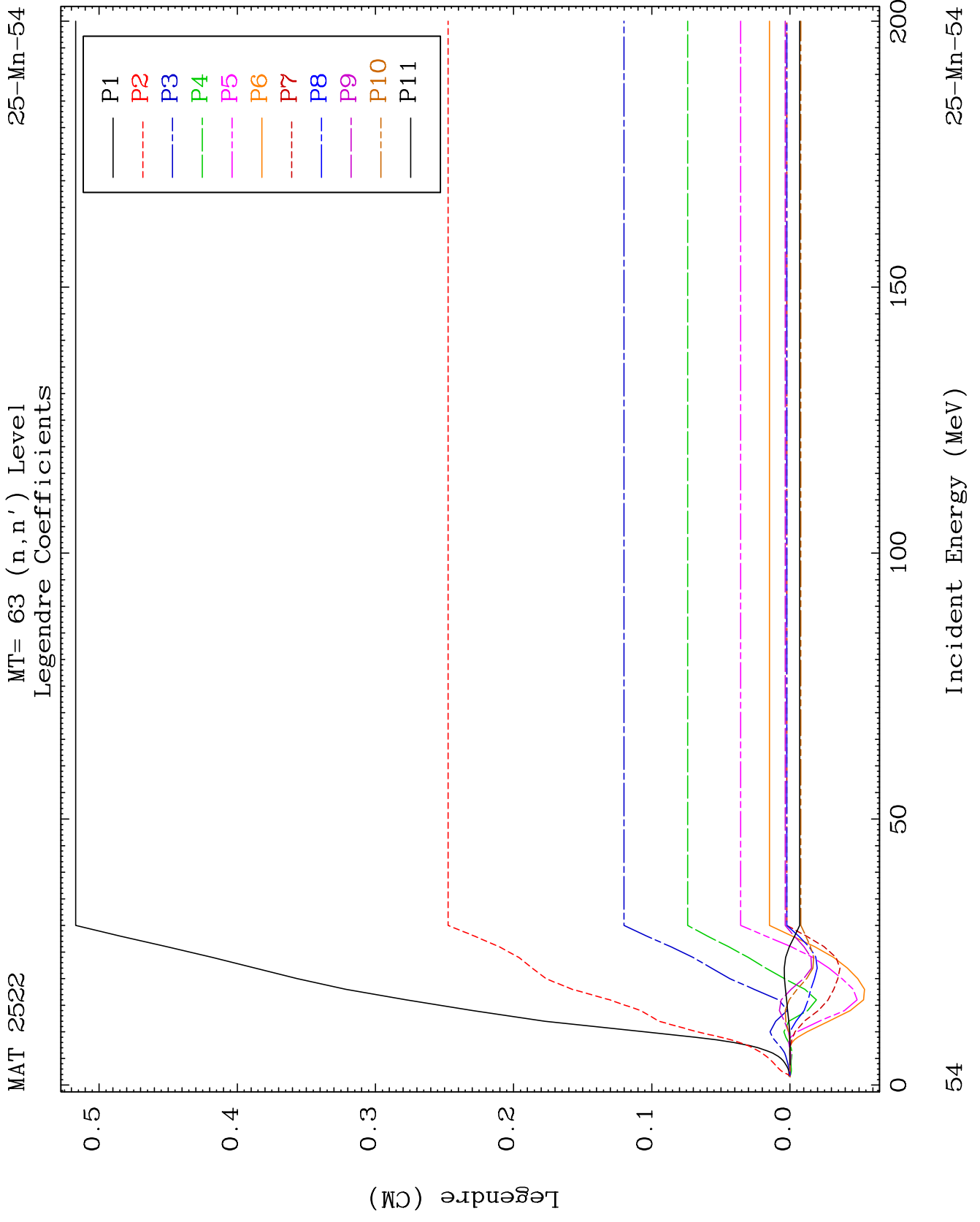
MT= 62 (n,n') Level  
Legendre Coefficients

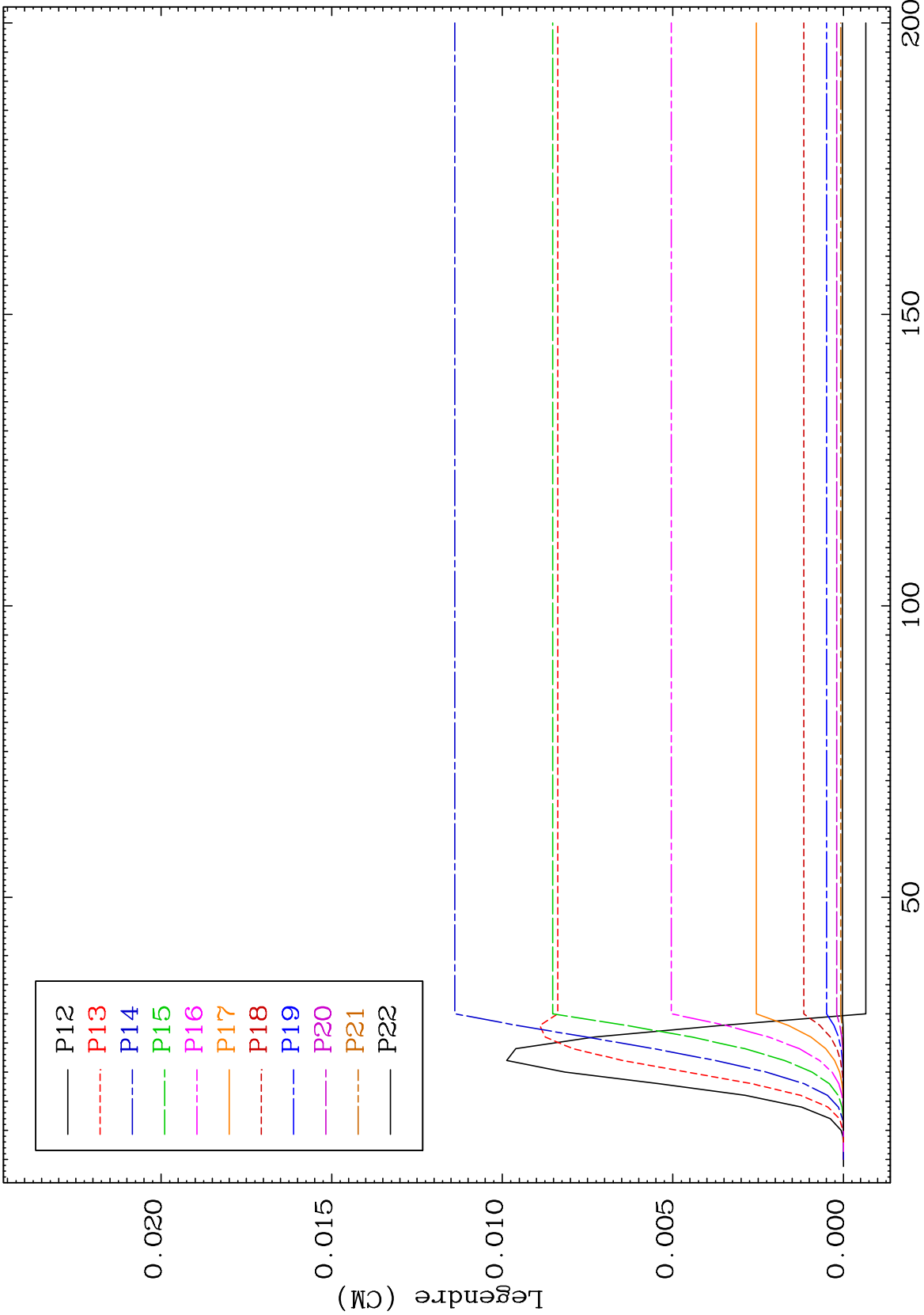
25-Mn-54



53

25-Mn-54

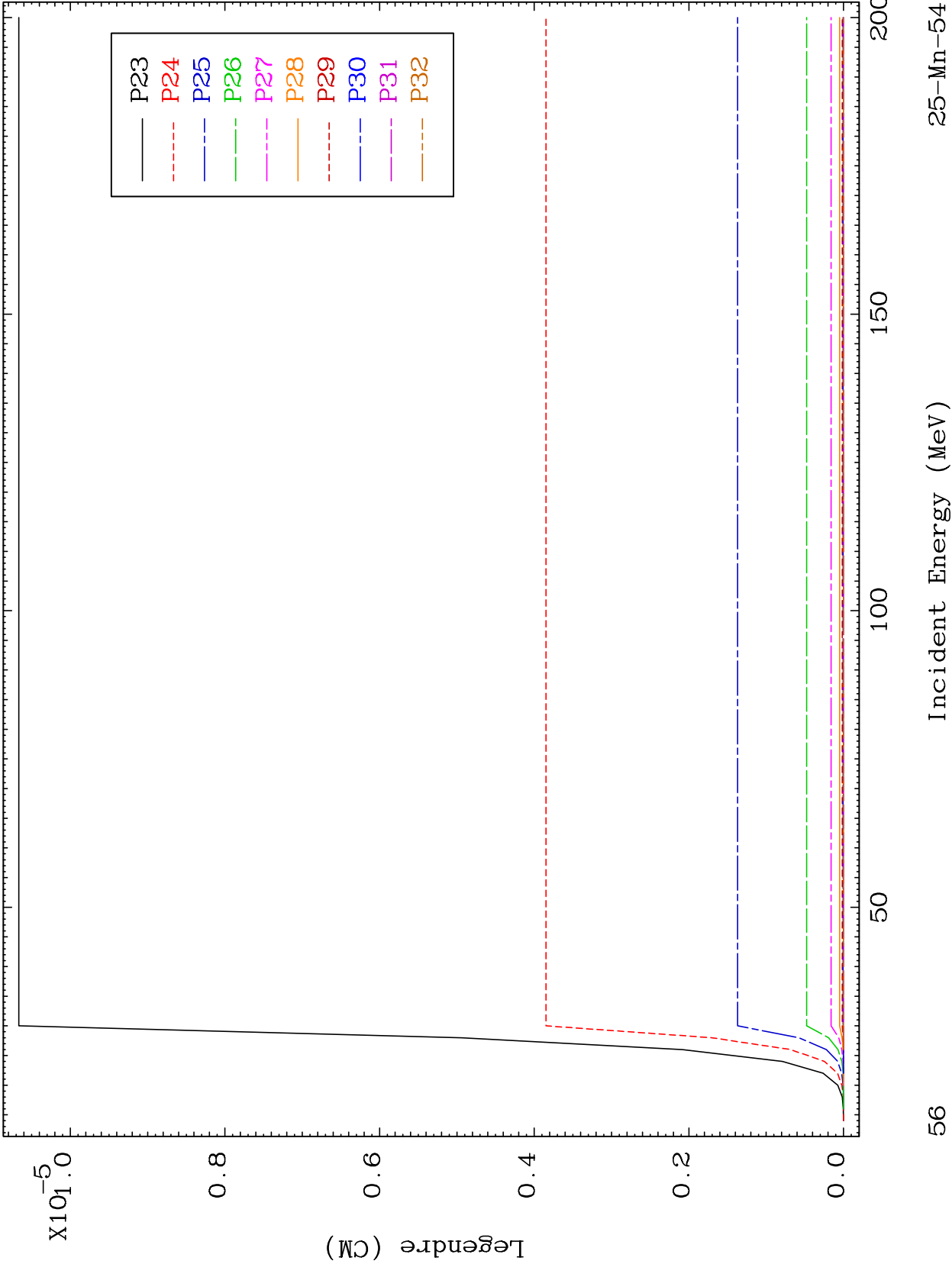




MAT 2522

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

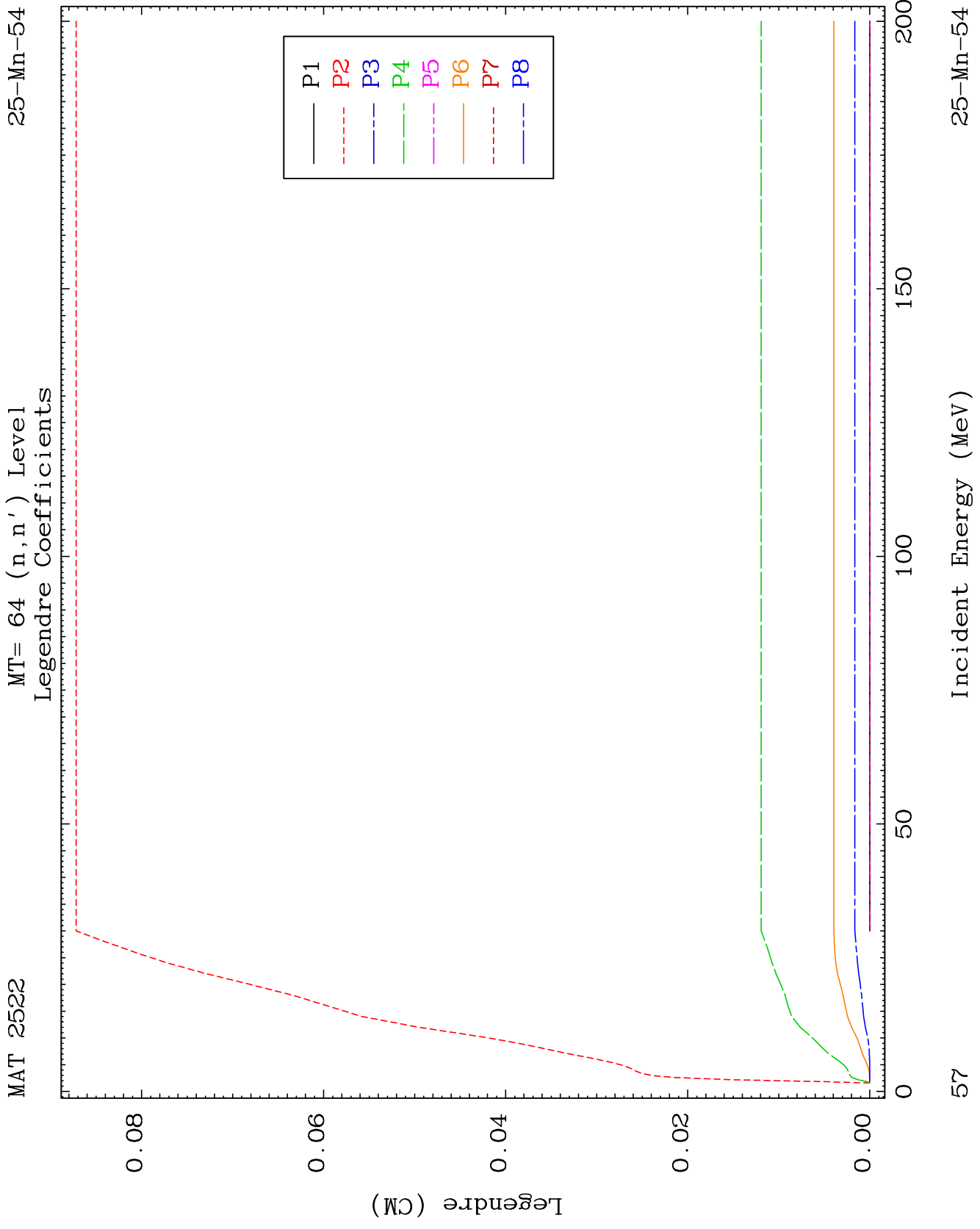
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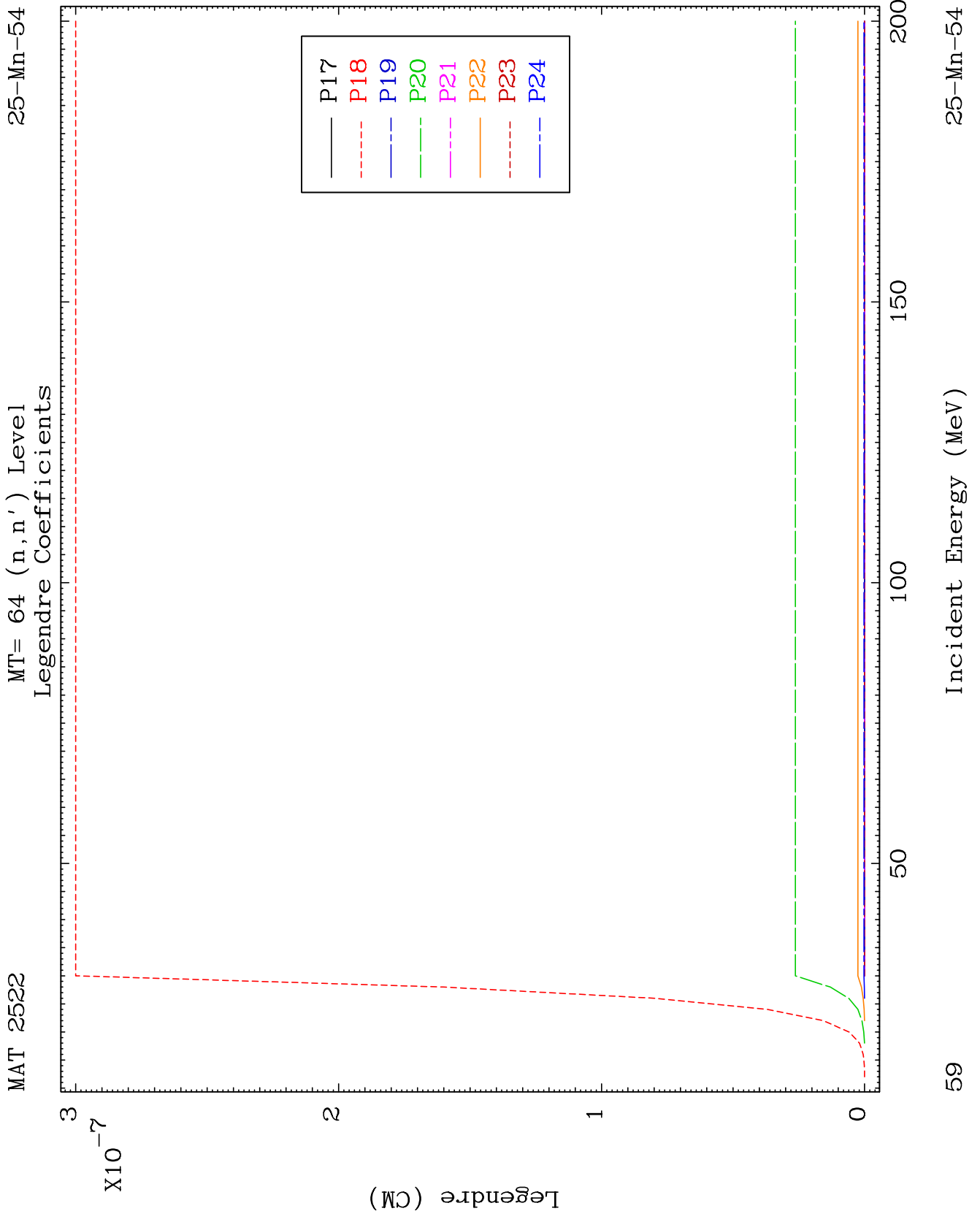
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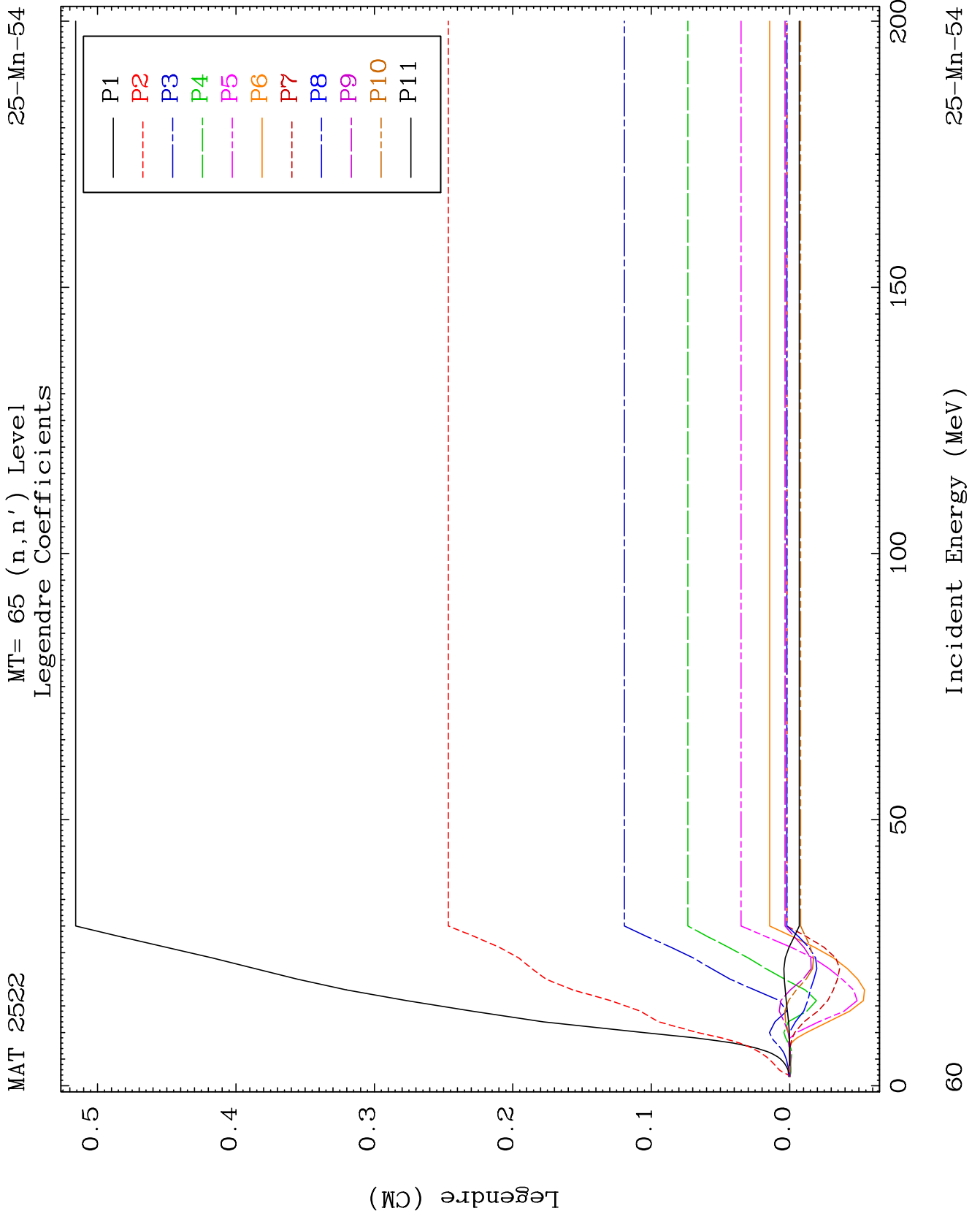
Incident Energy (MeV)

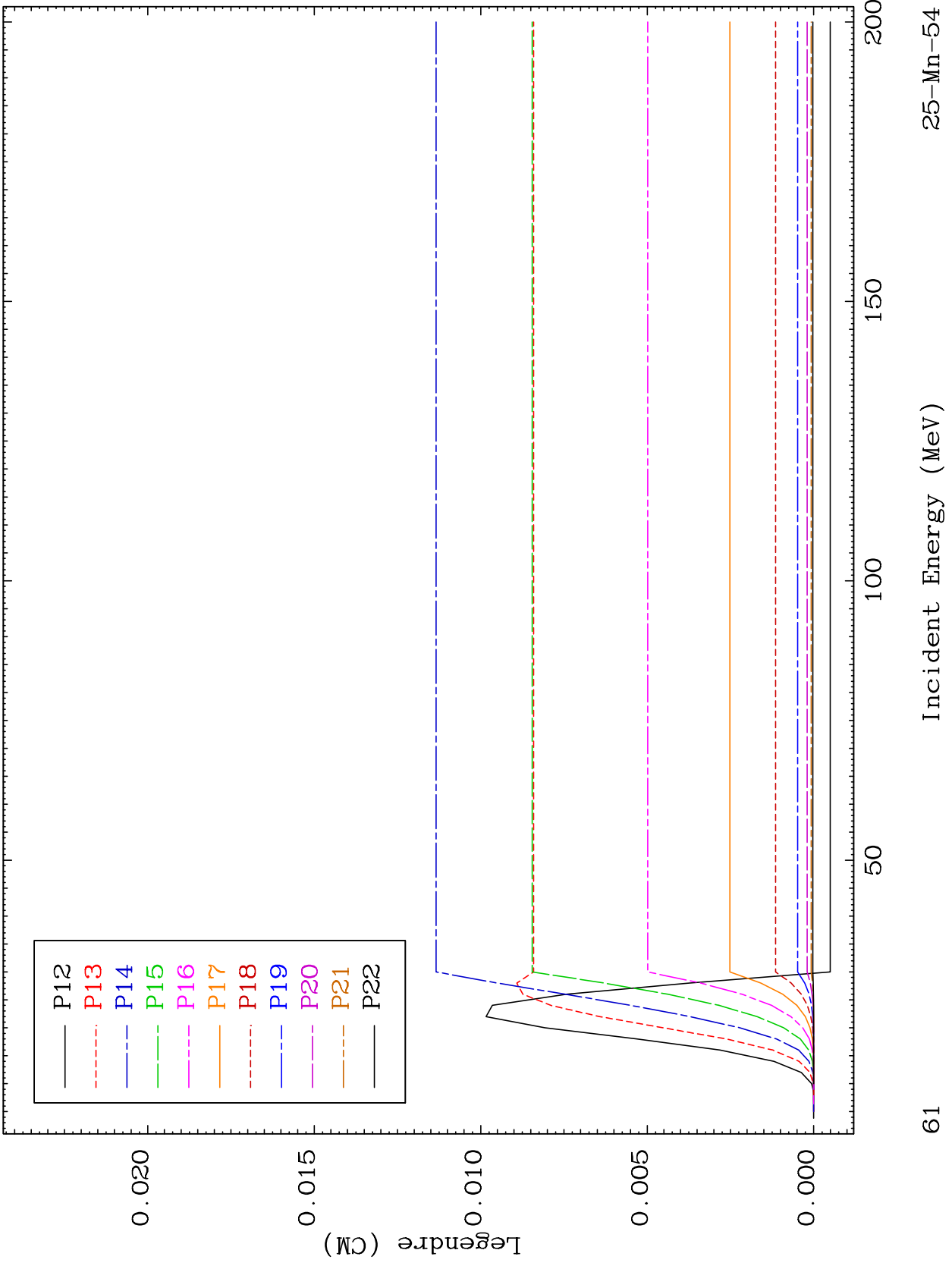
25-Mn-54







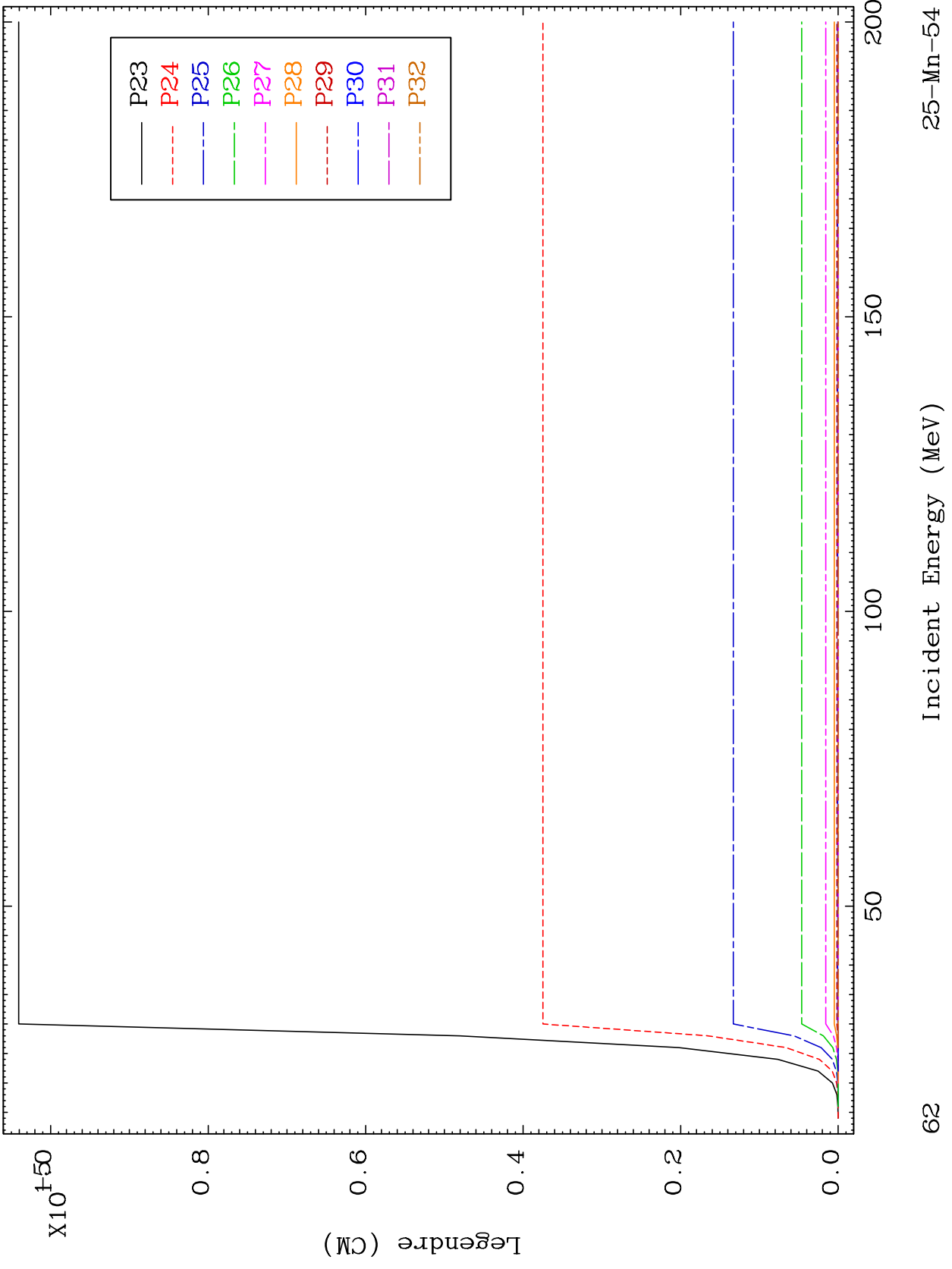




MAT 2522

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

25-Mn-54



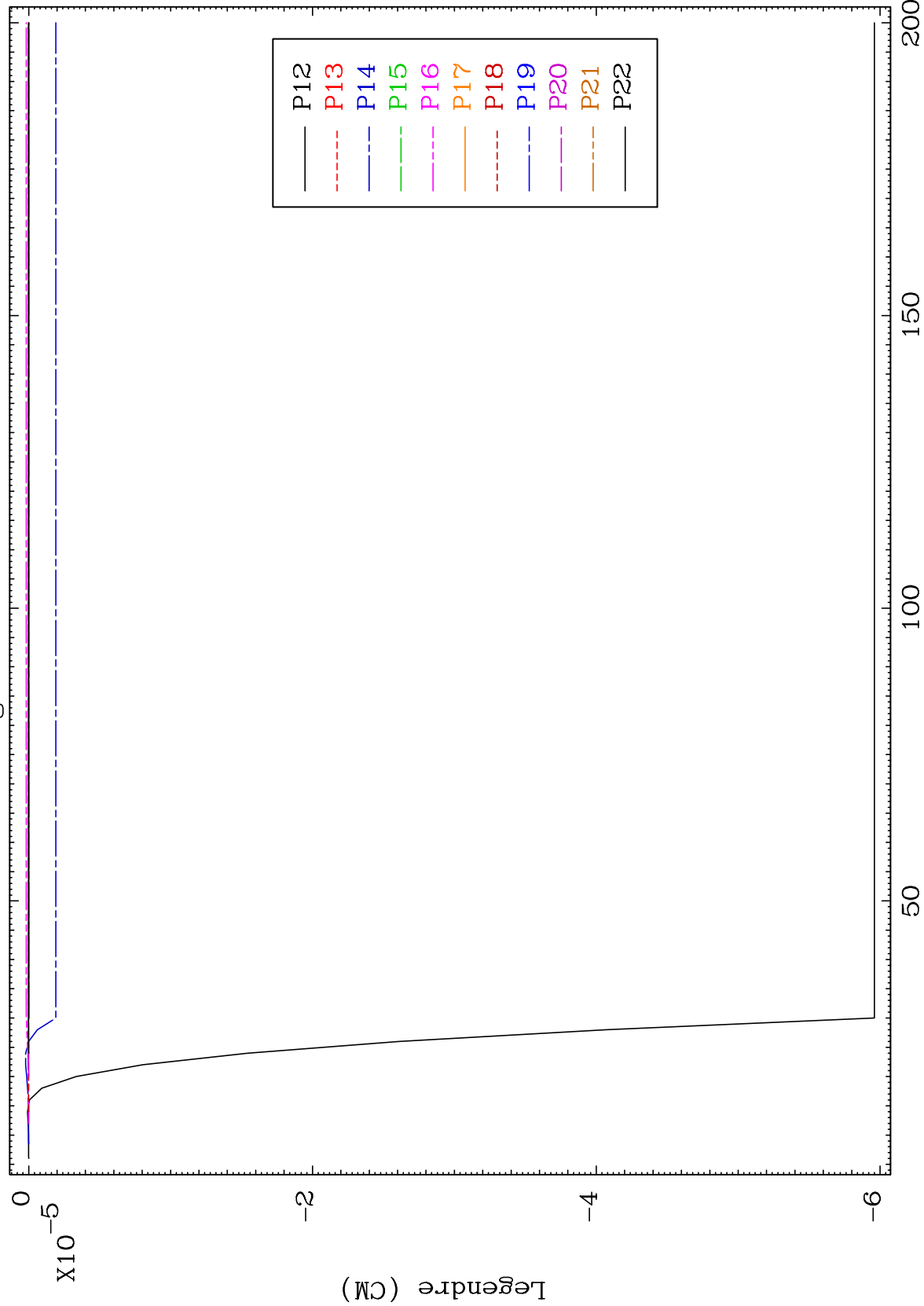
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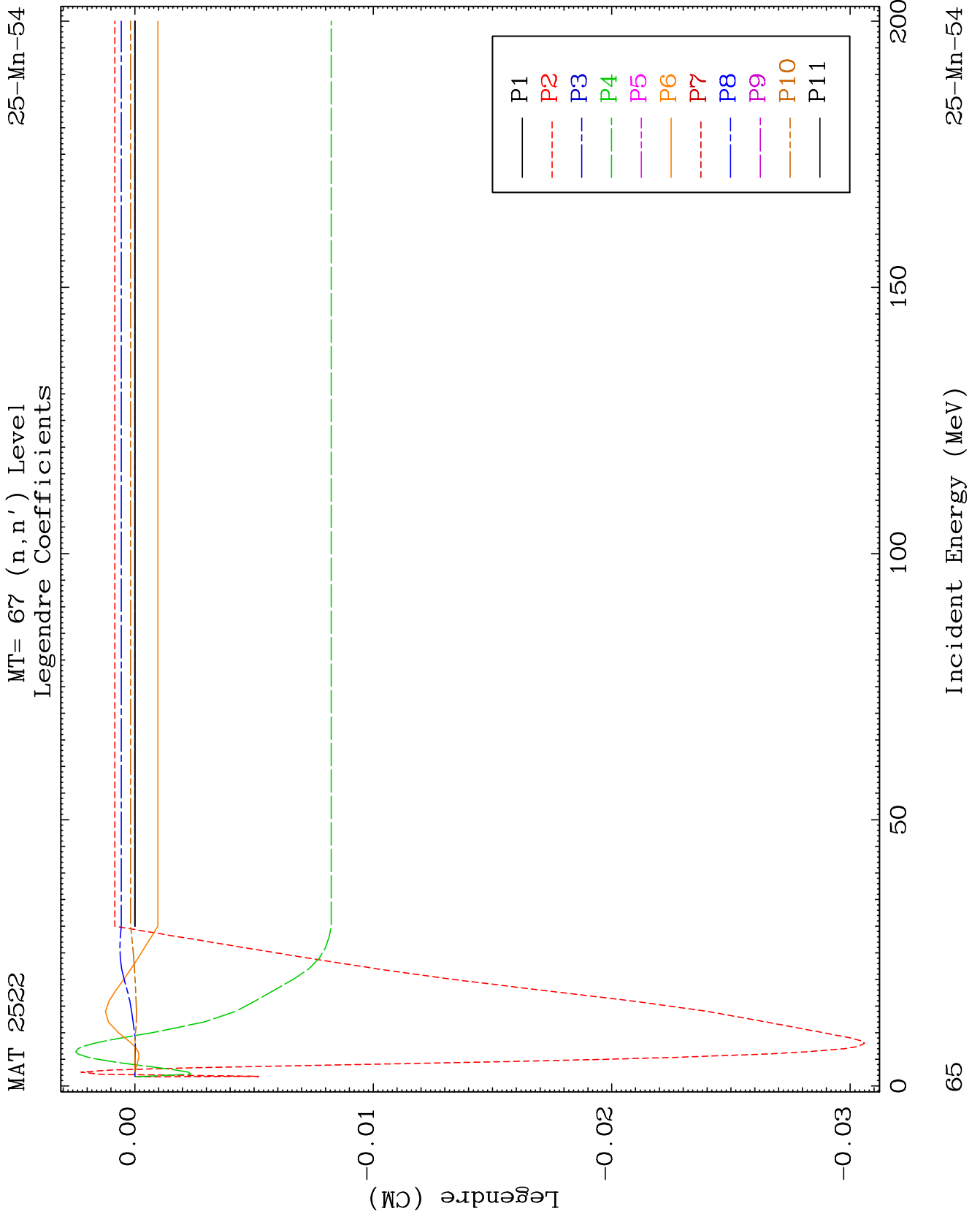
Incident Energy (MeV)

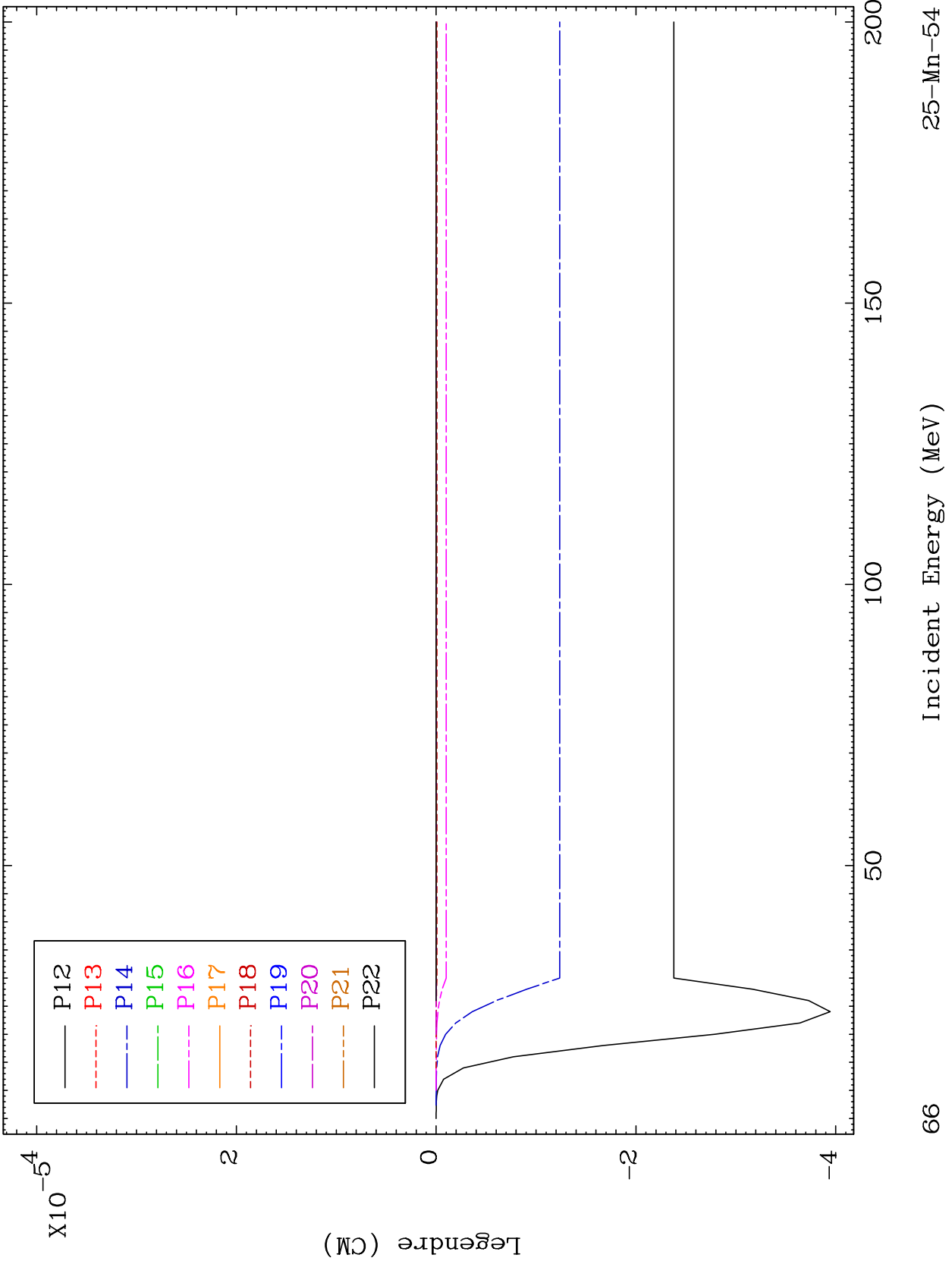
25-Mn-54

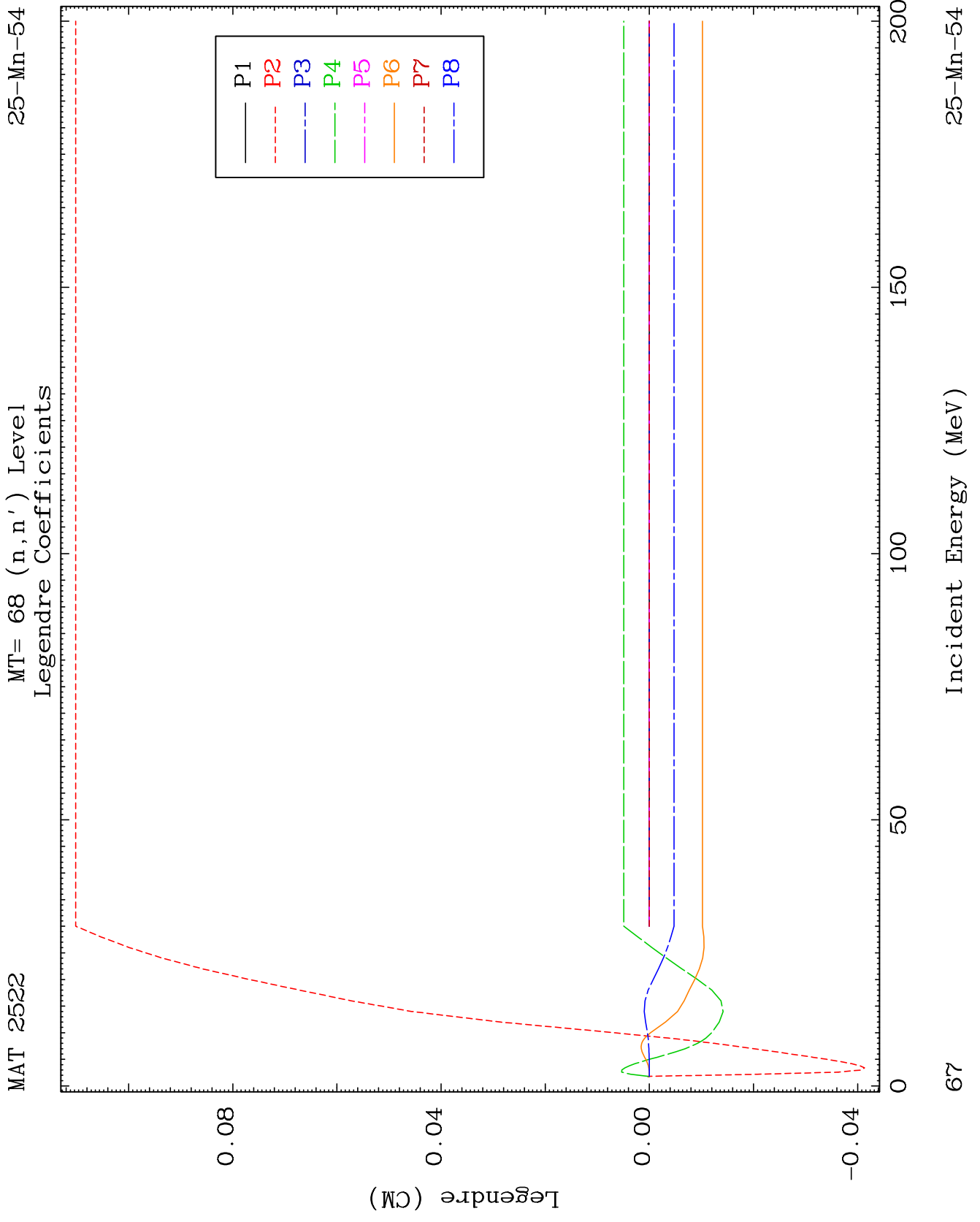


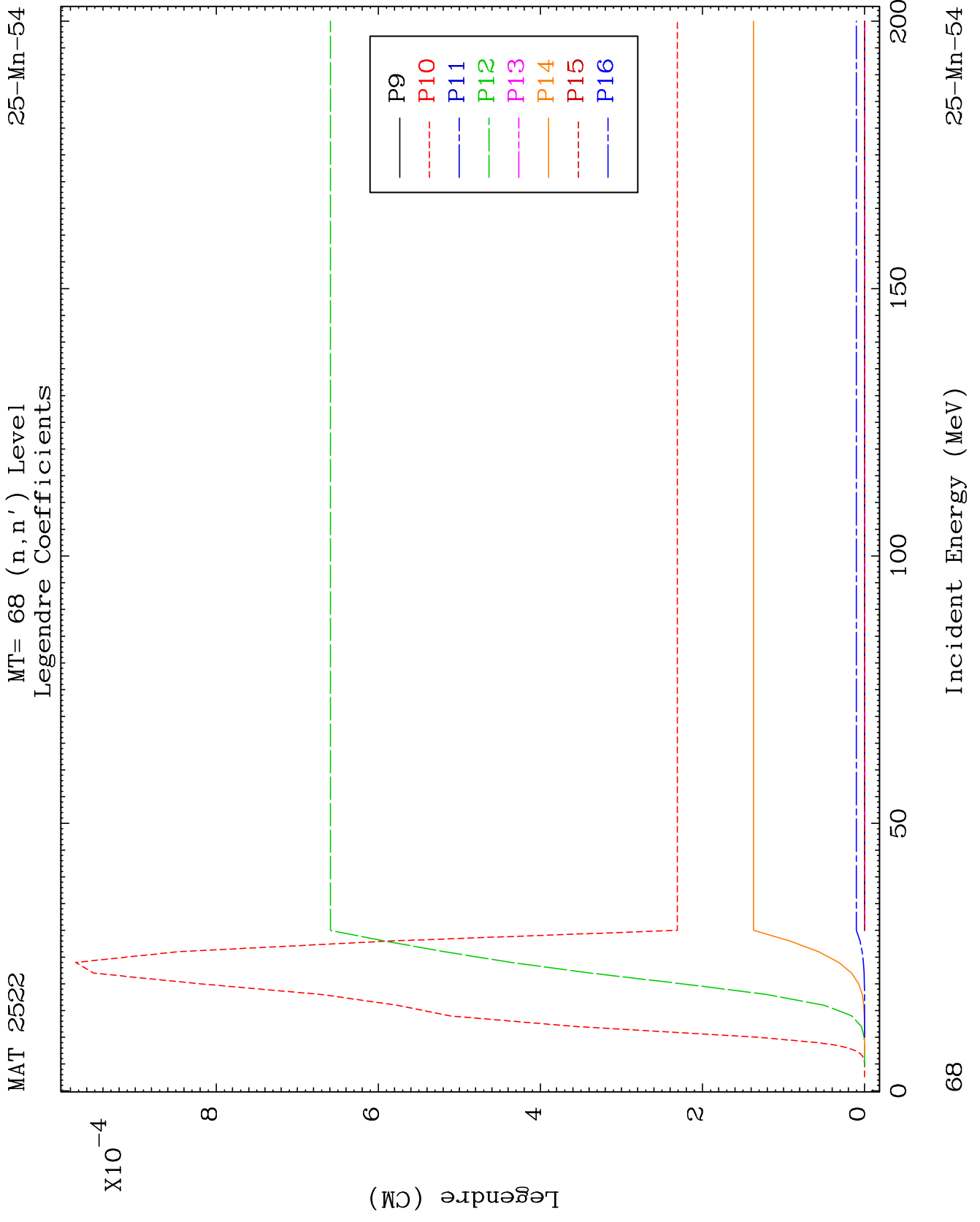
MAT 2522 MT= 66 (n,n') Level Legendre Coefficients 25-Mn-54

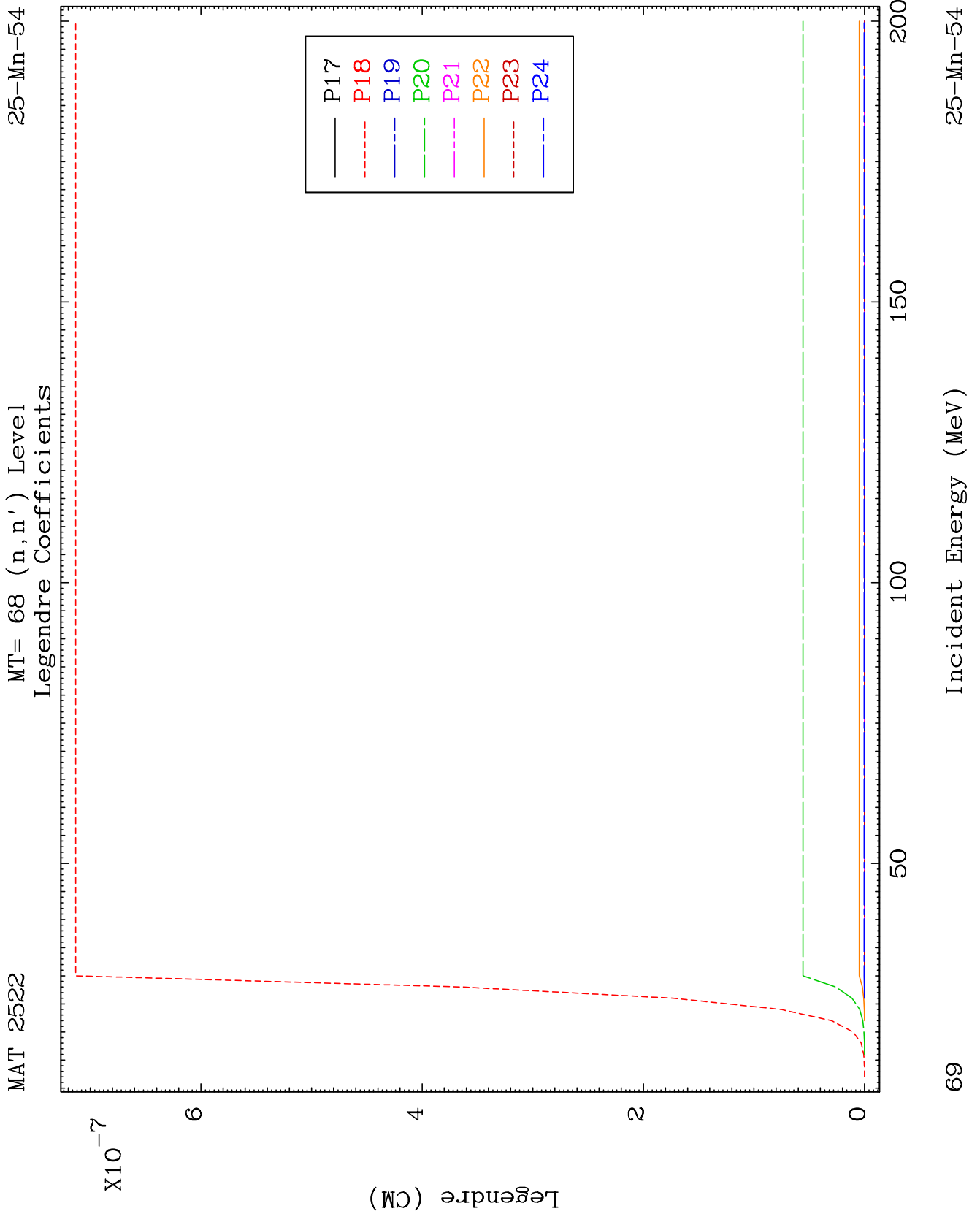


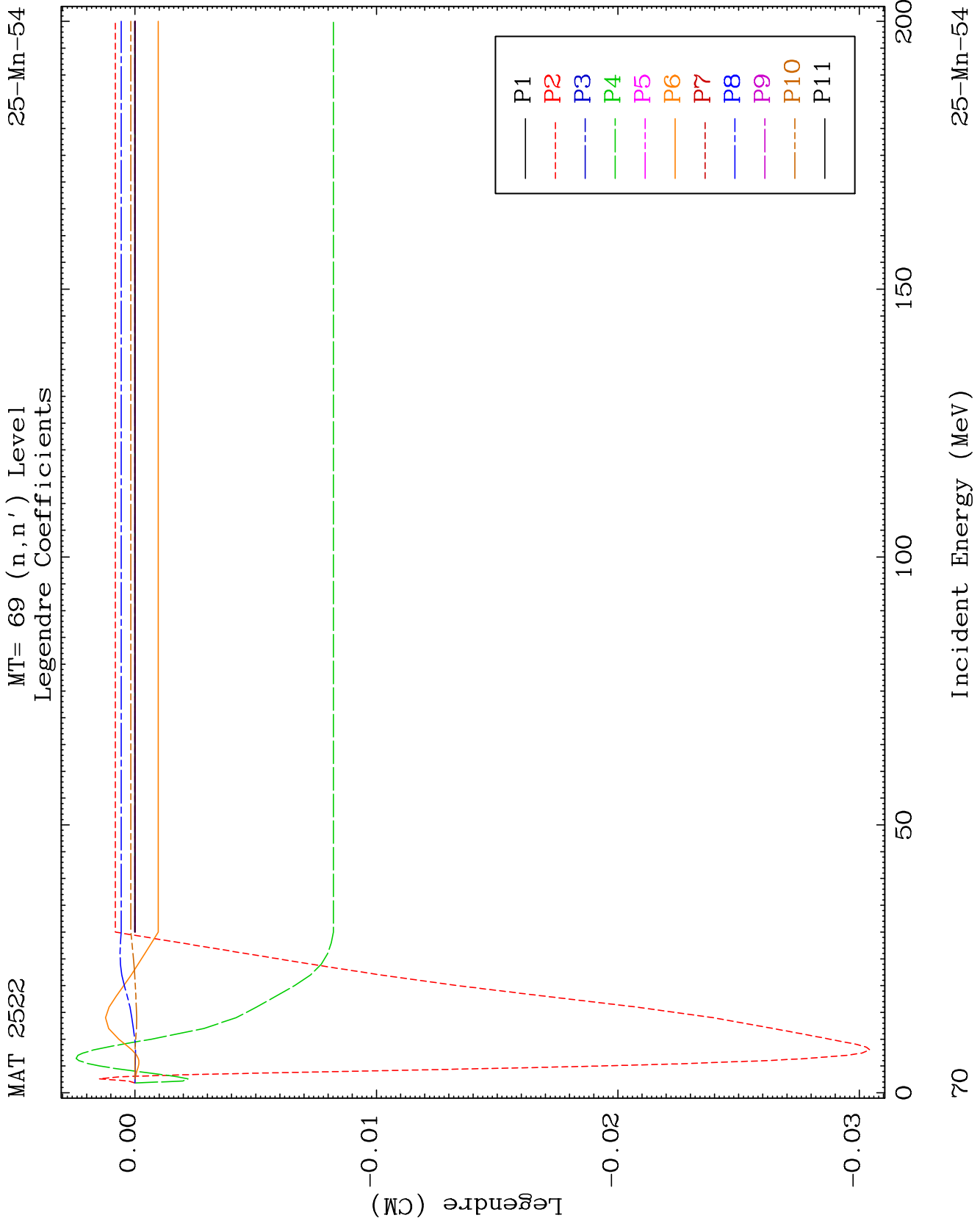


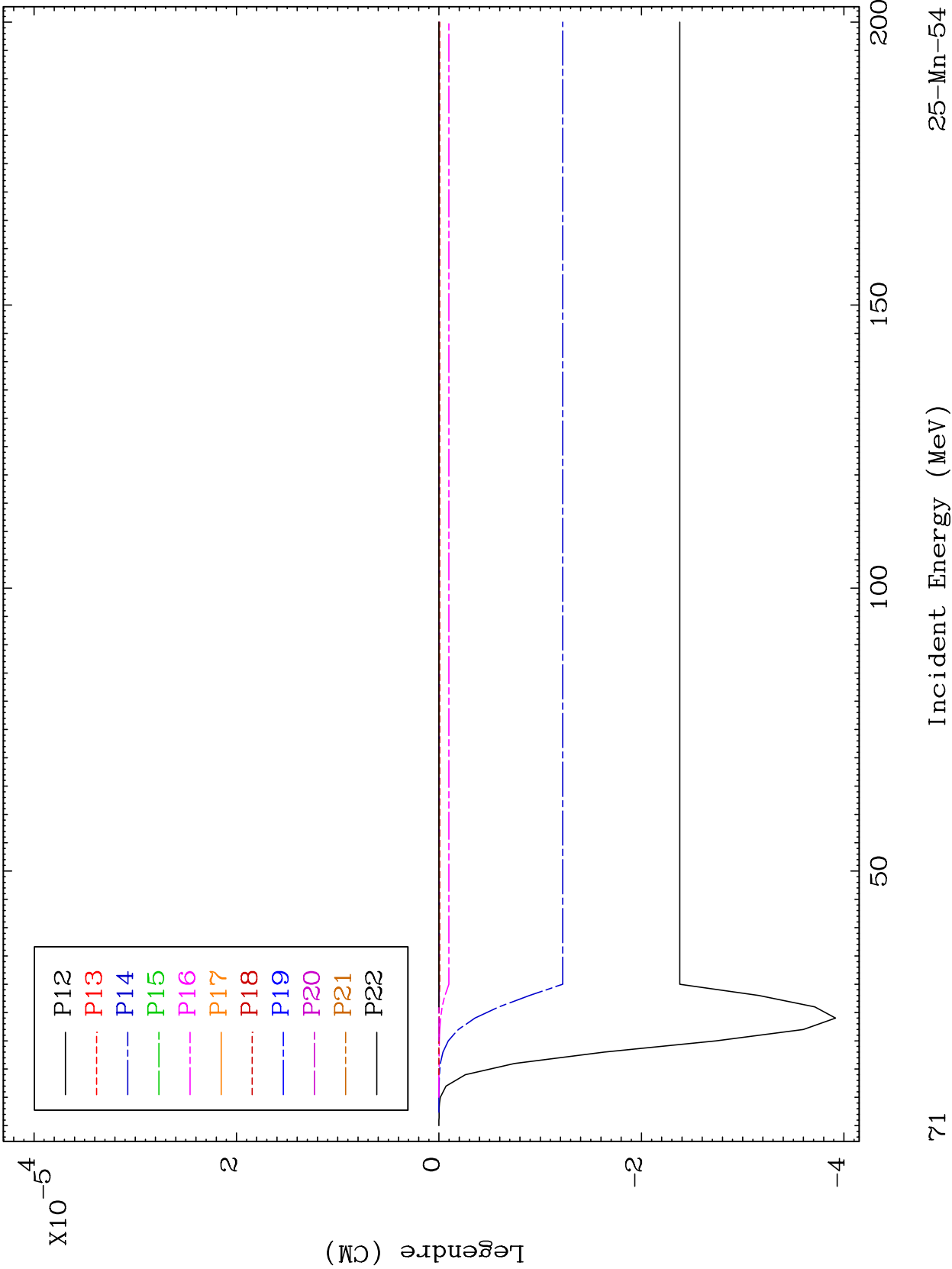


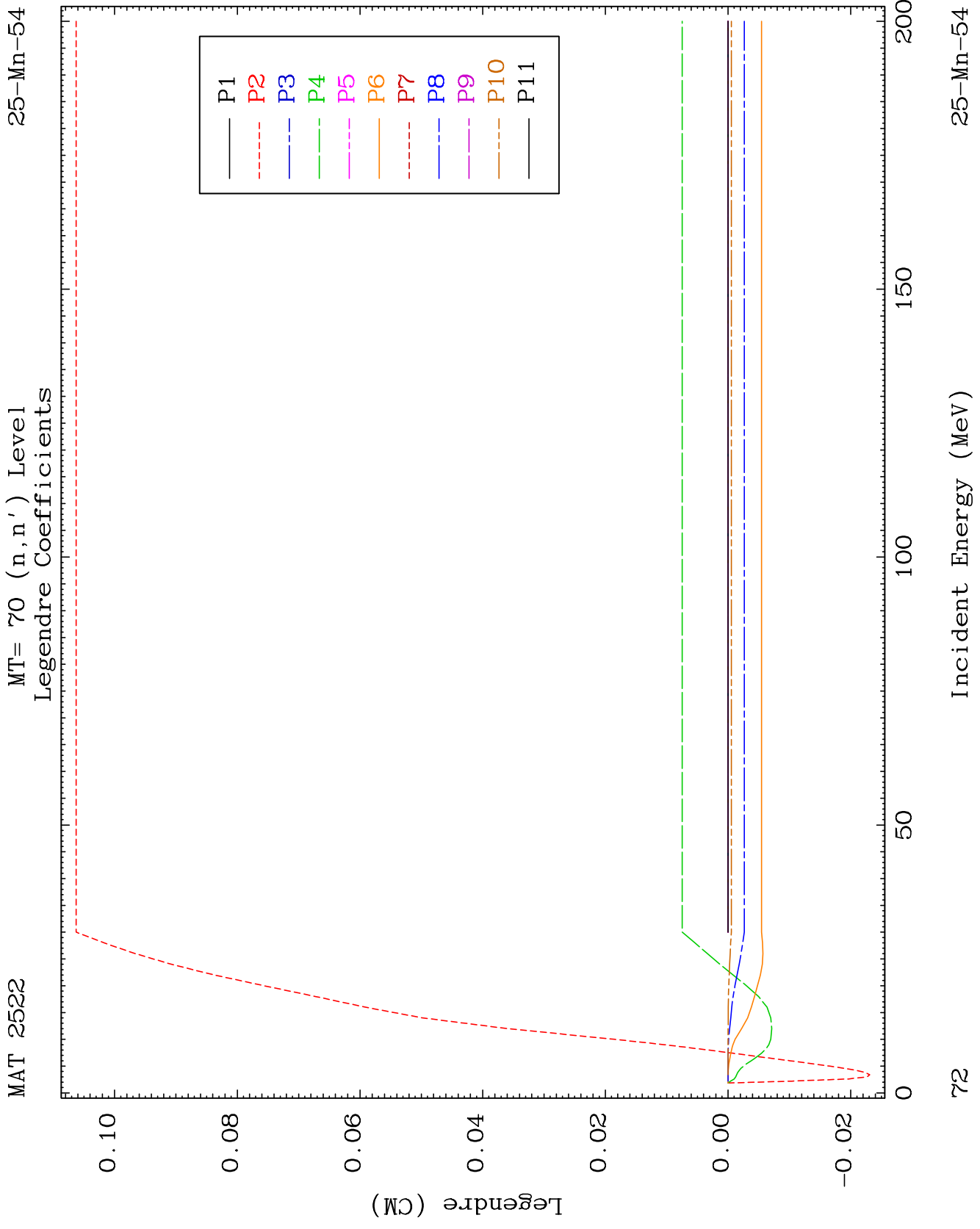








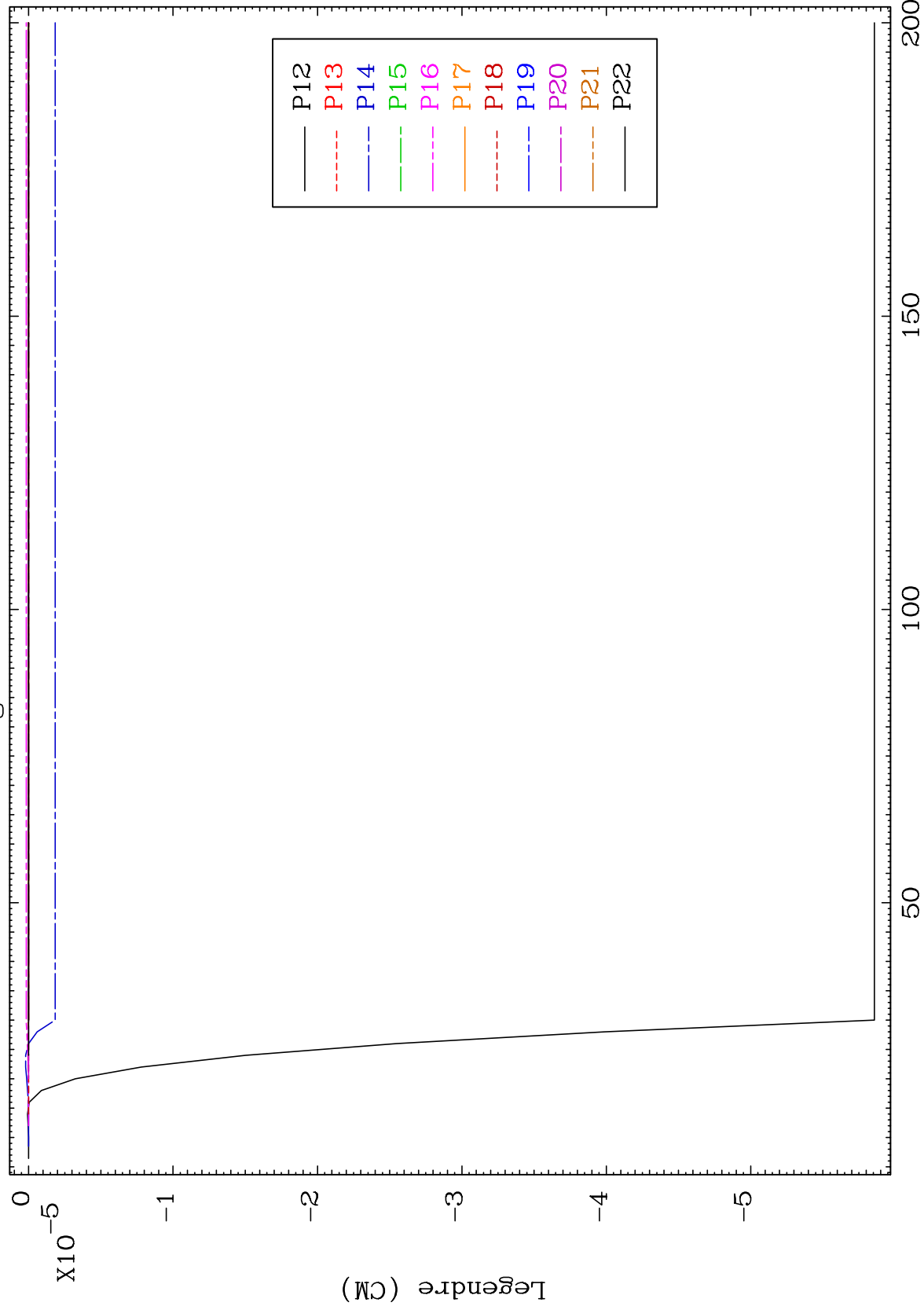




MAT 2522

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

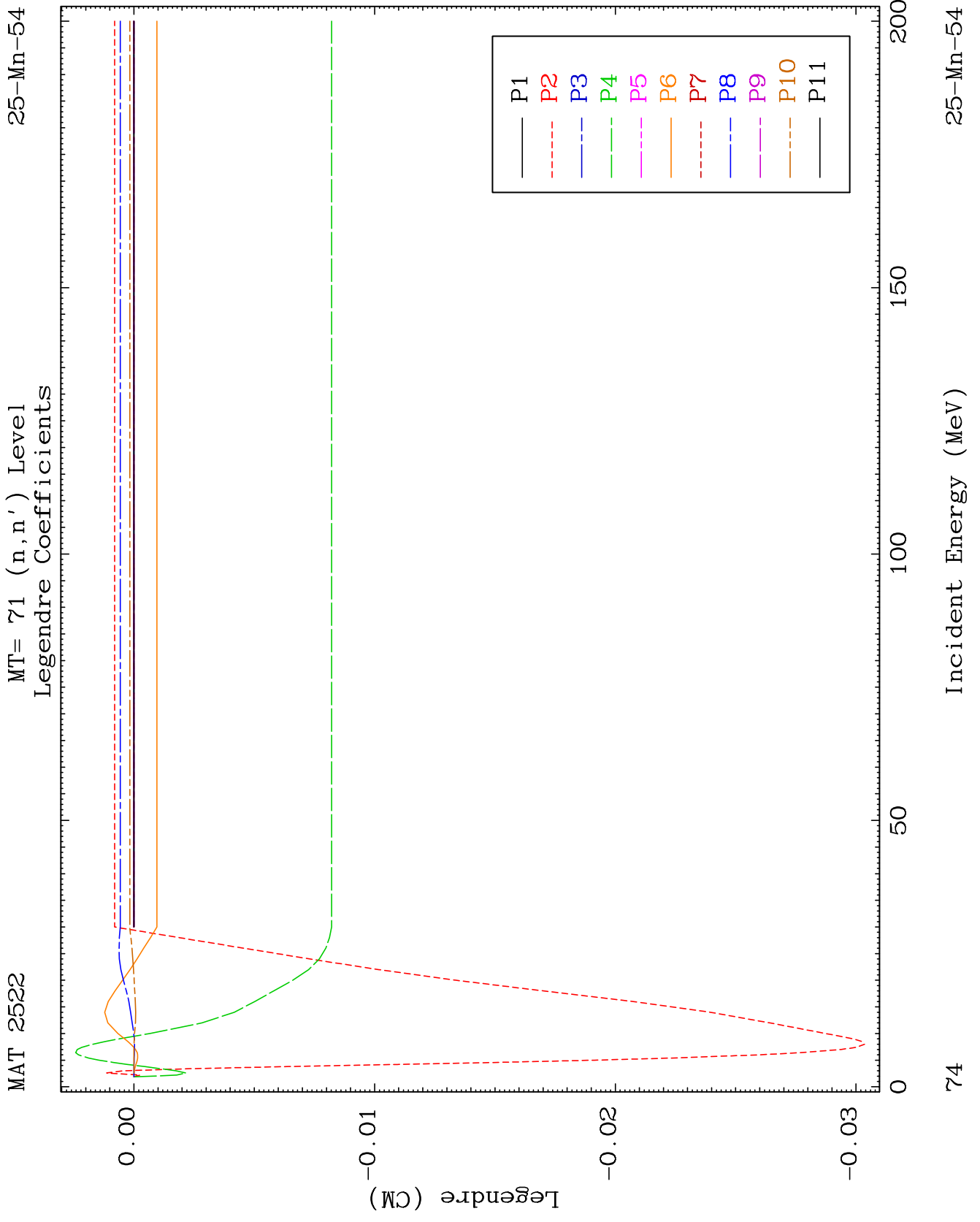
25-Mn-54



25-Mn-54

Incident Energy (MeV)

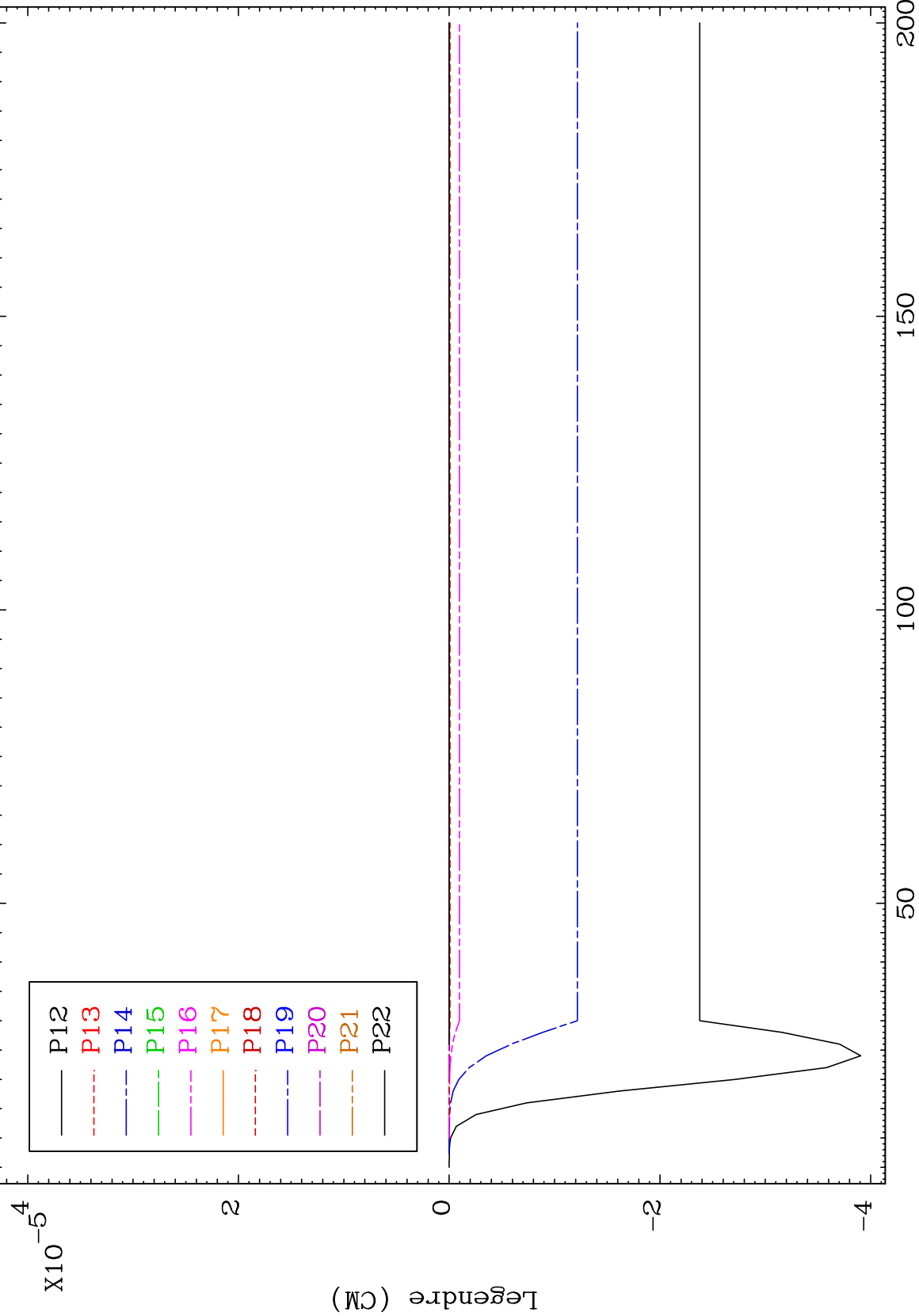
73



MAT 2522

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

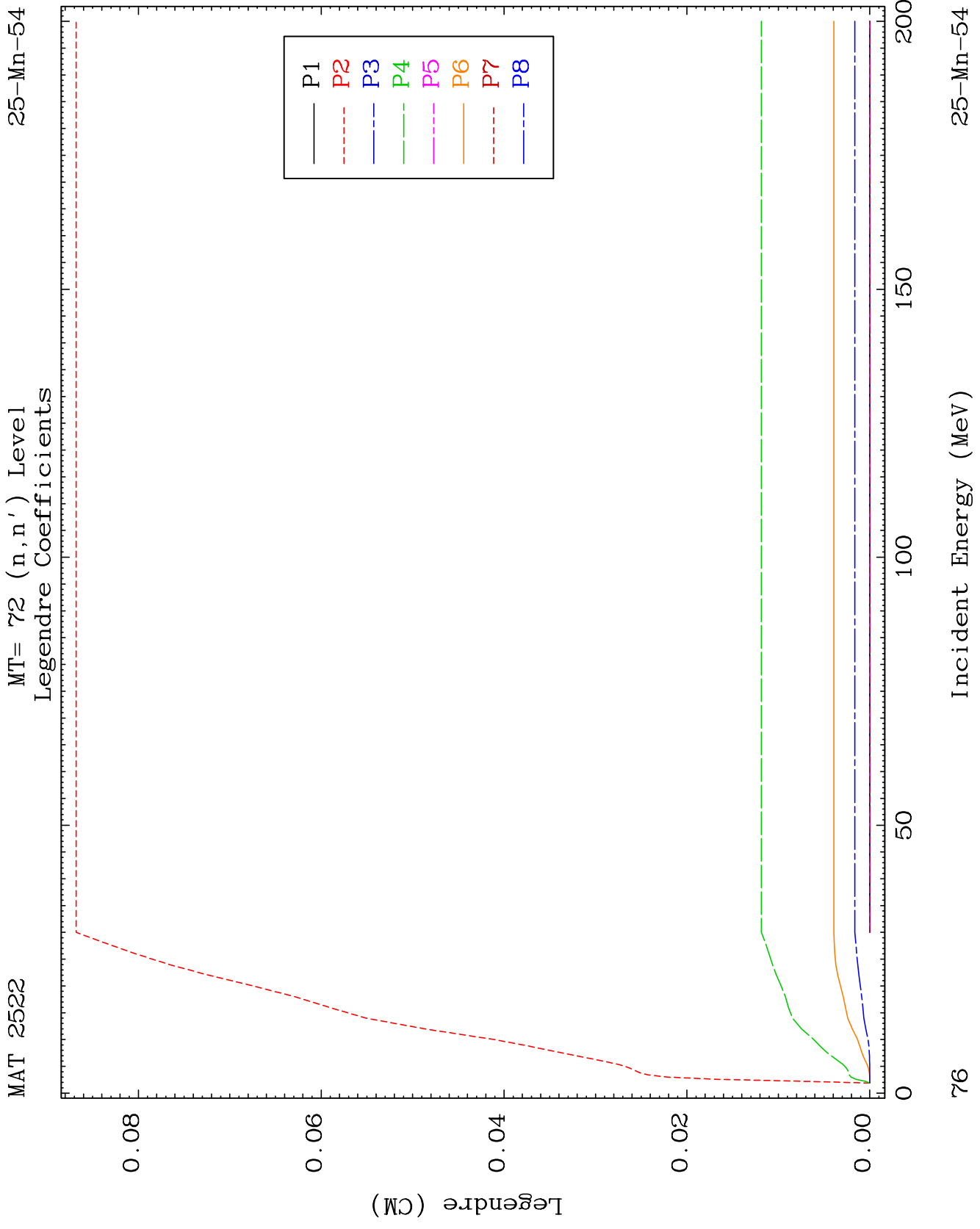
25-Mn-54



75

Incident Energy (MeV)

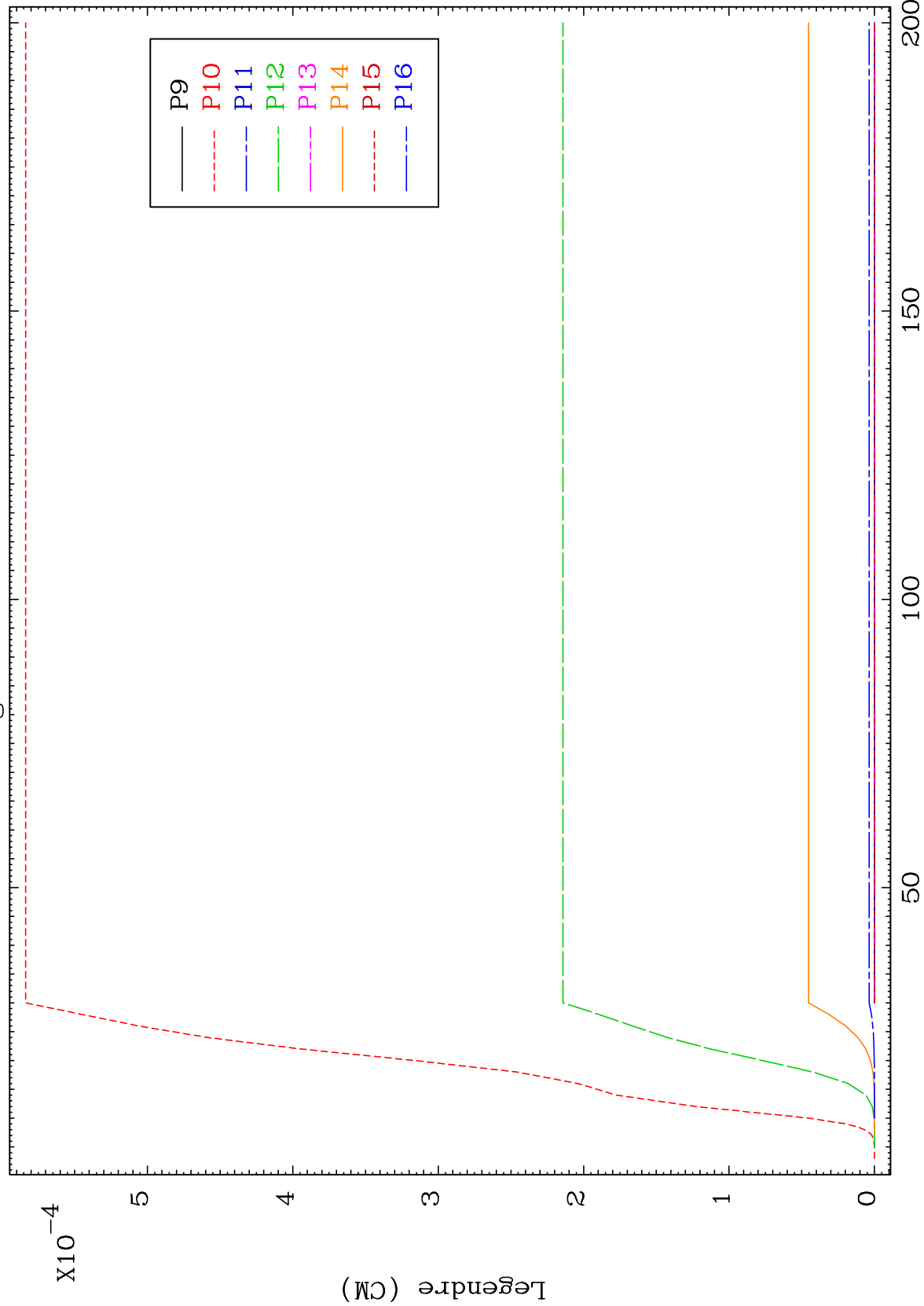
25-Mn-54



MAT 2522

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

25-Mn-54



77

Incident Energy (MeV)

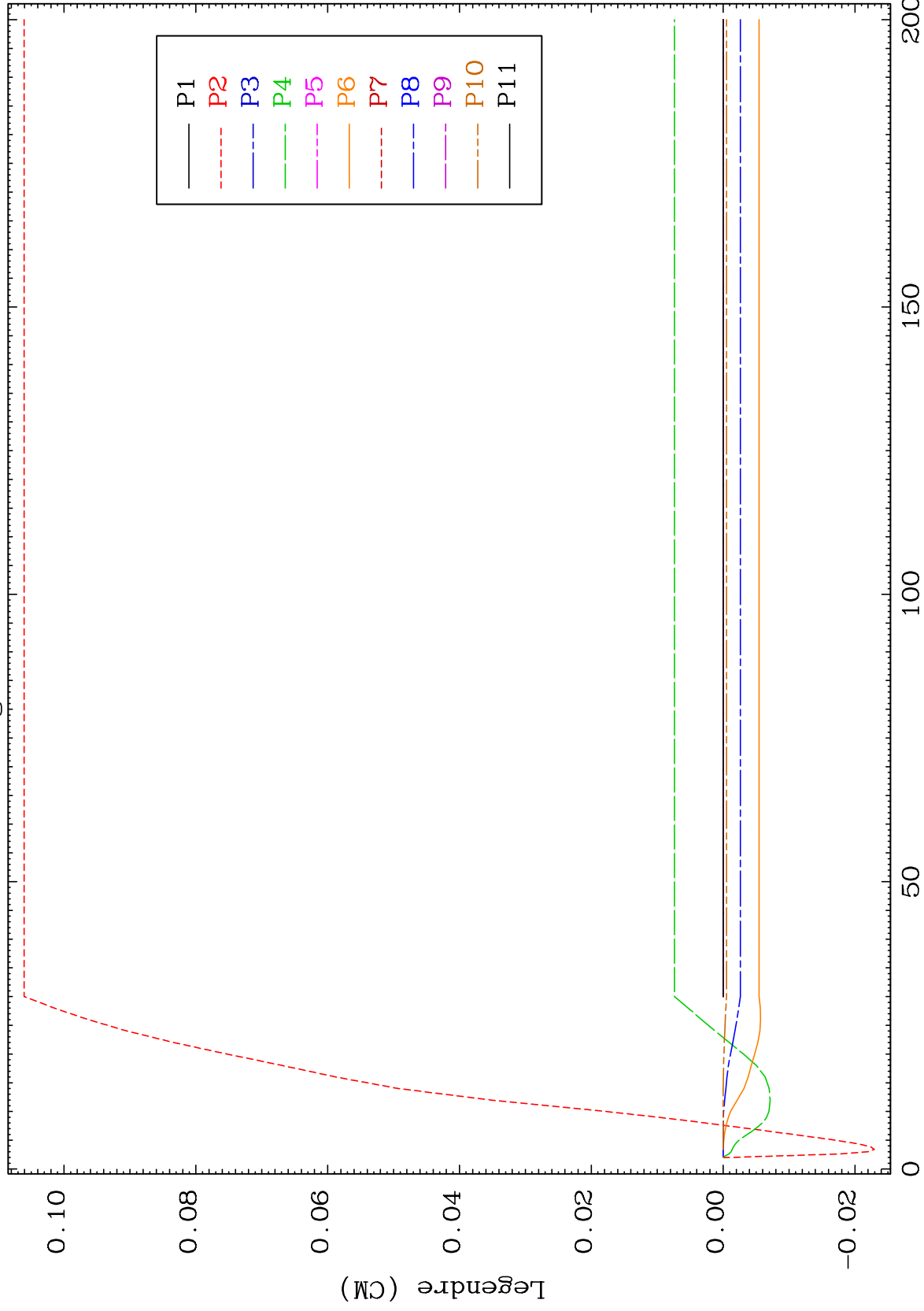
25-Mn-54



MAT 2522

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

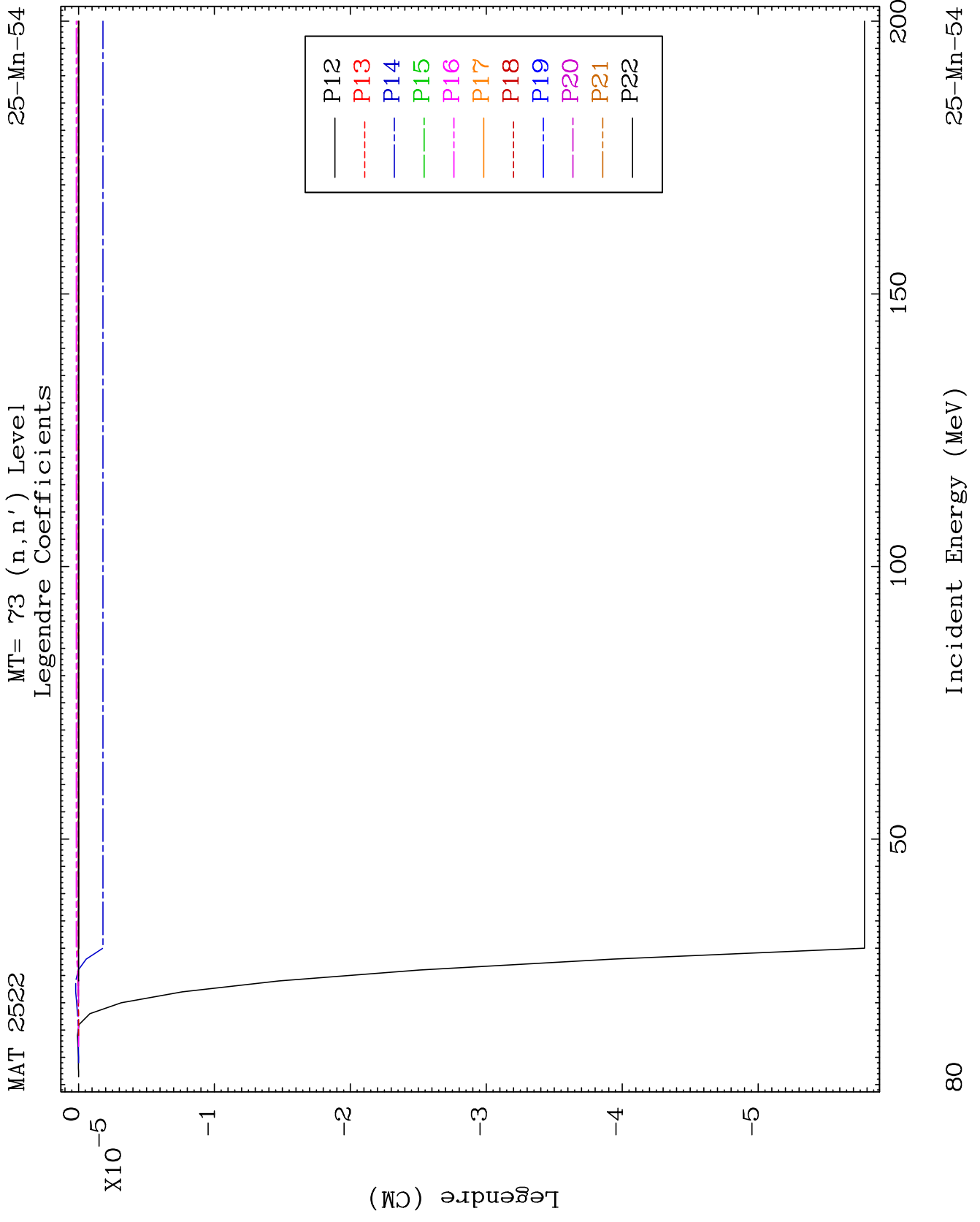
25-Mn-54



79

Incident Energy (MeV)

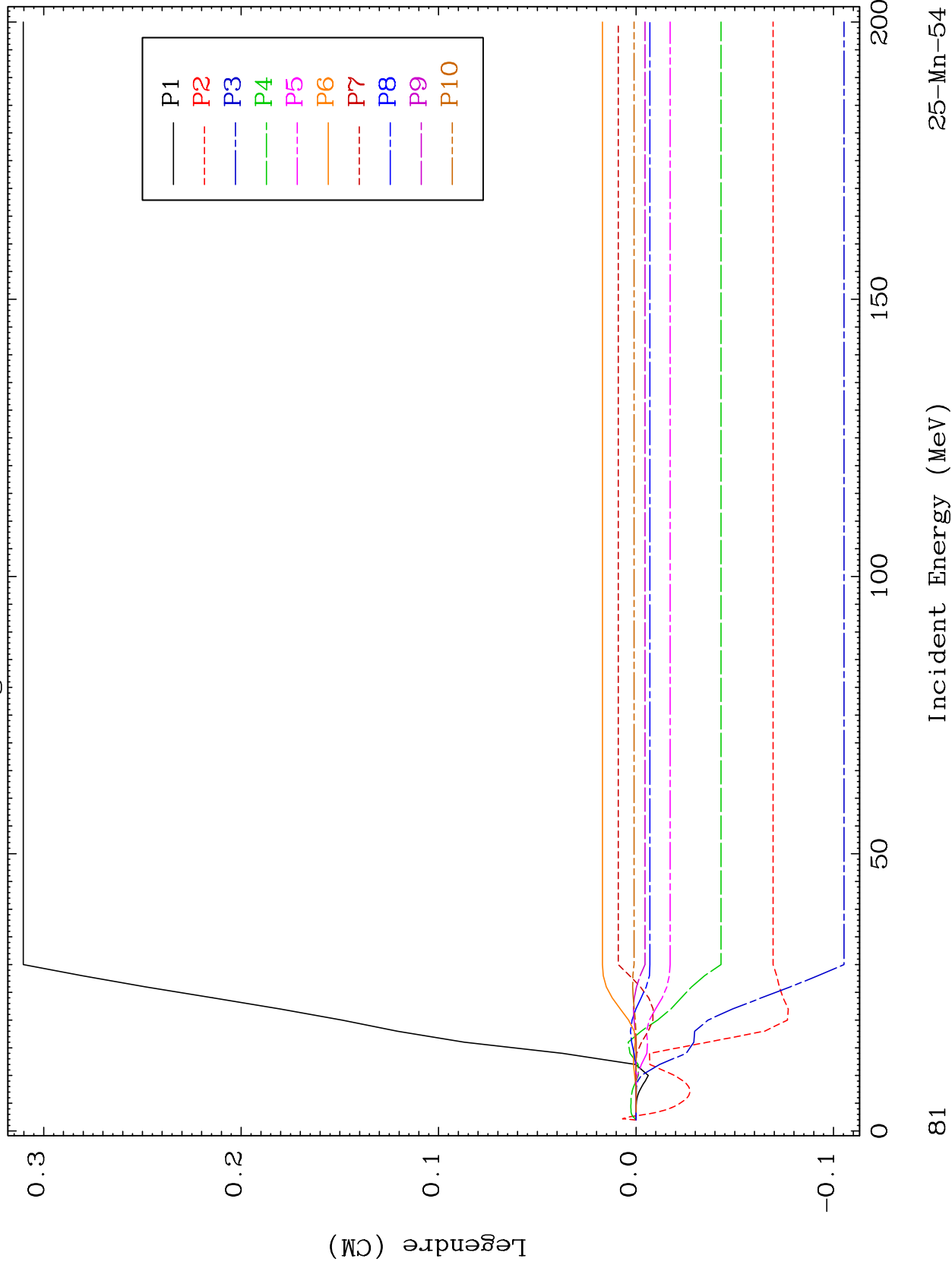
25-Mn-54



MAT 2522

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

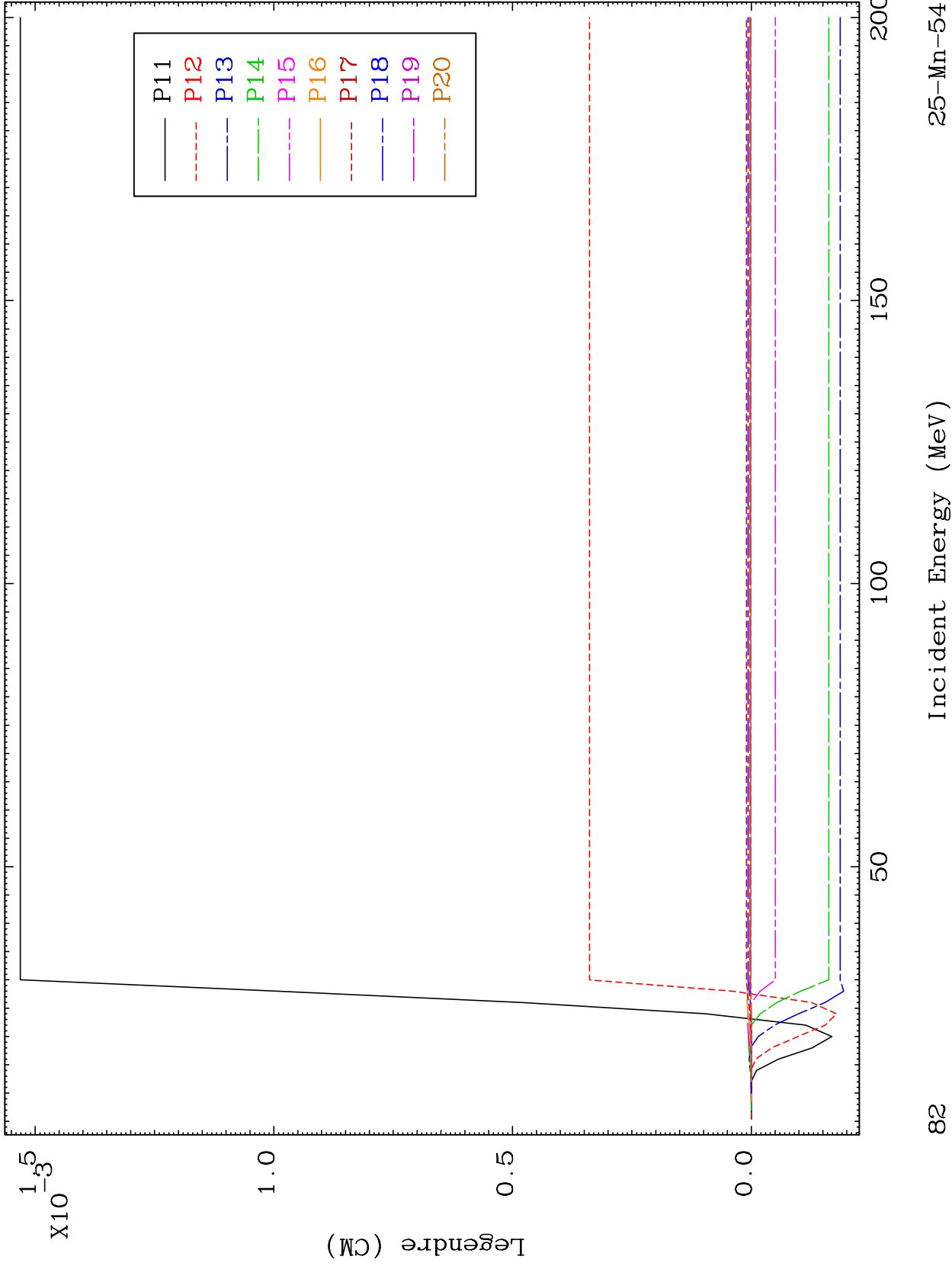
25-Mn-54

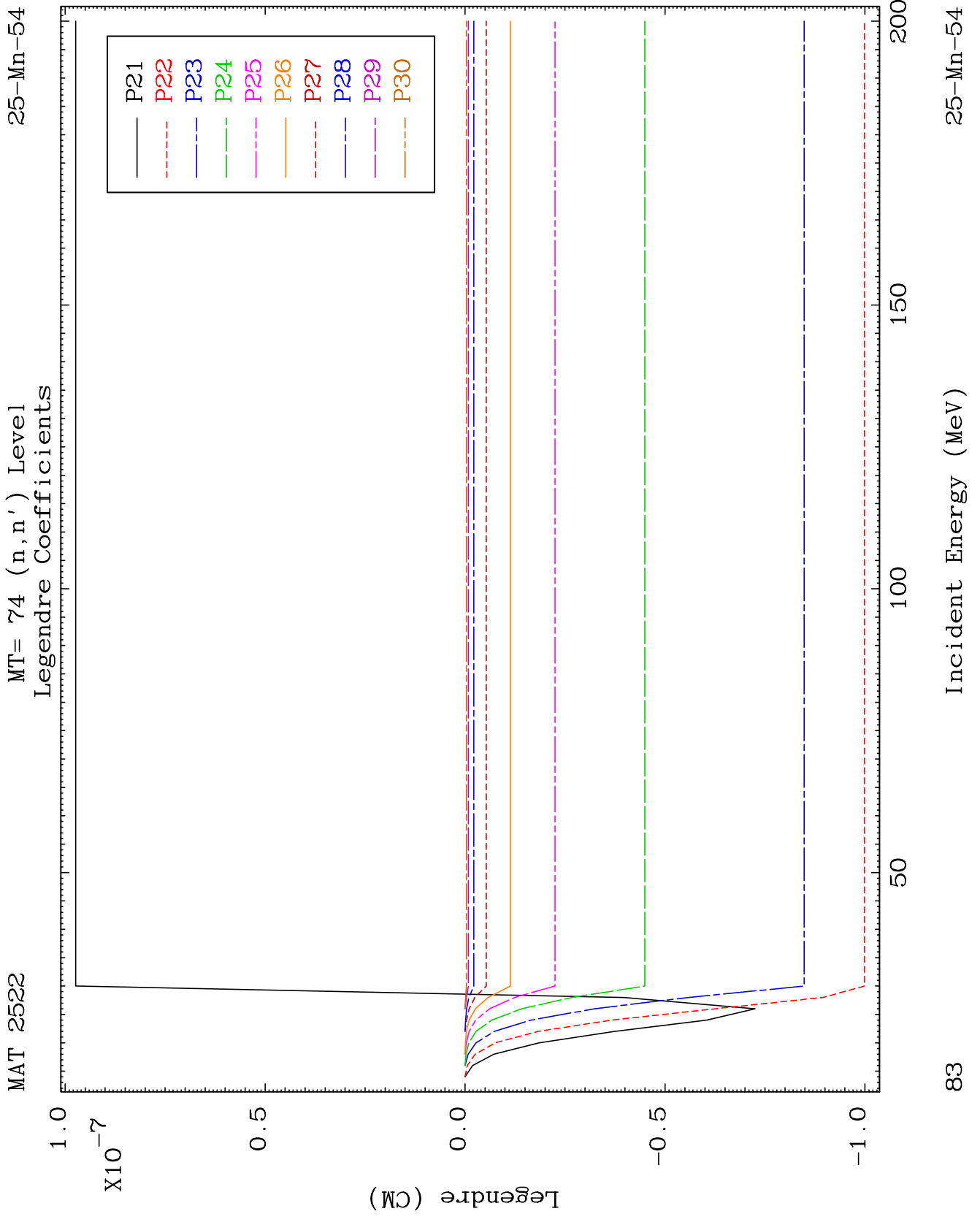


81

Incident Energy (MeV)

25-Mn-54

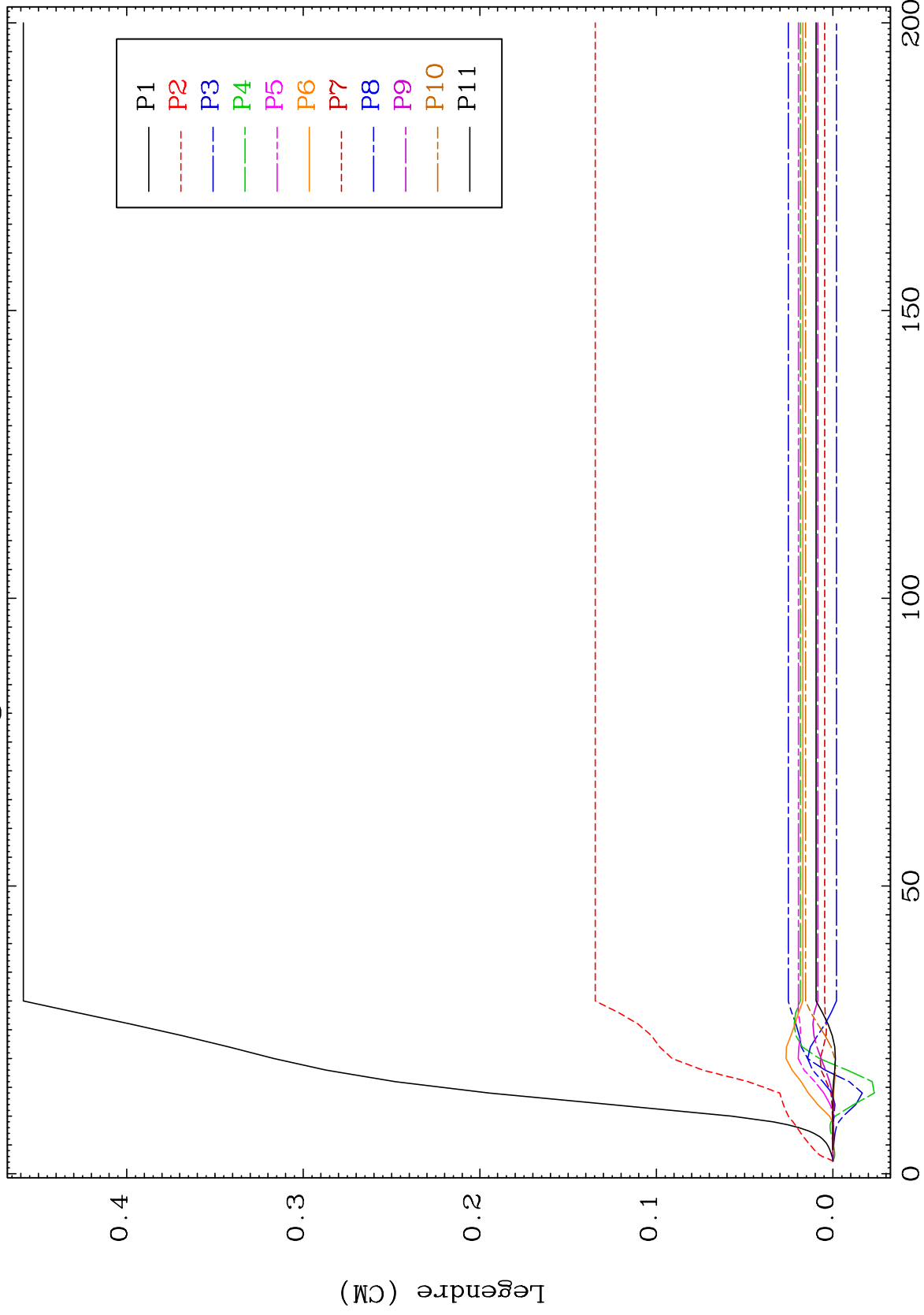




MAT 2522

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

25-Mn-54



84

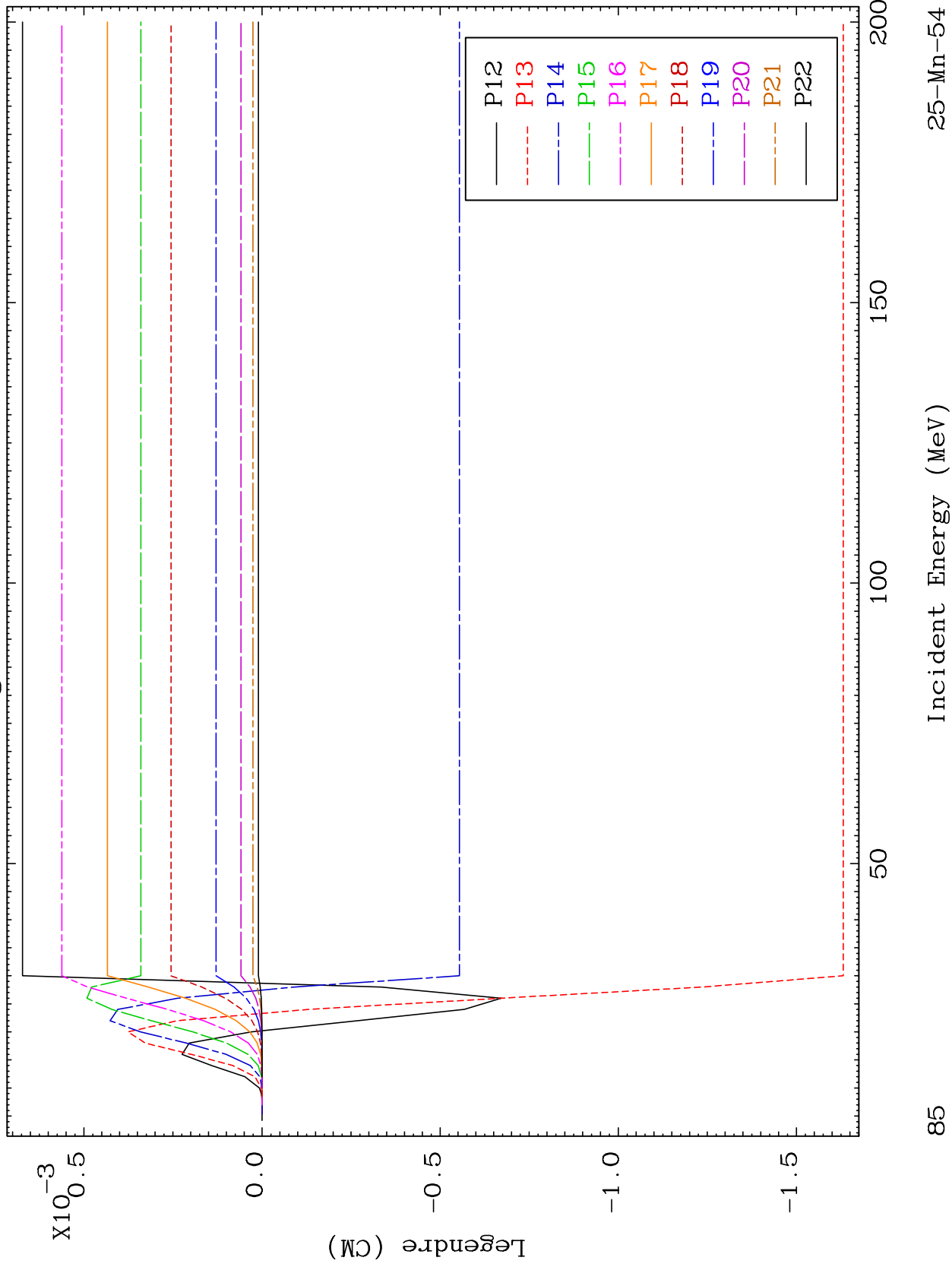
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



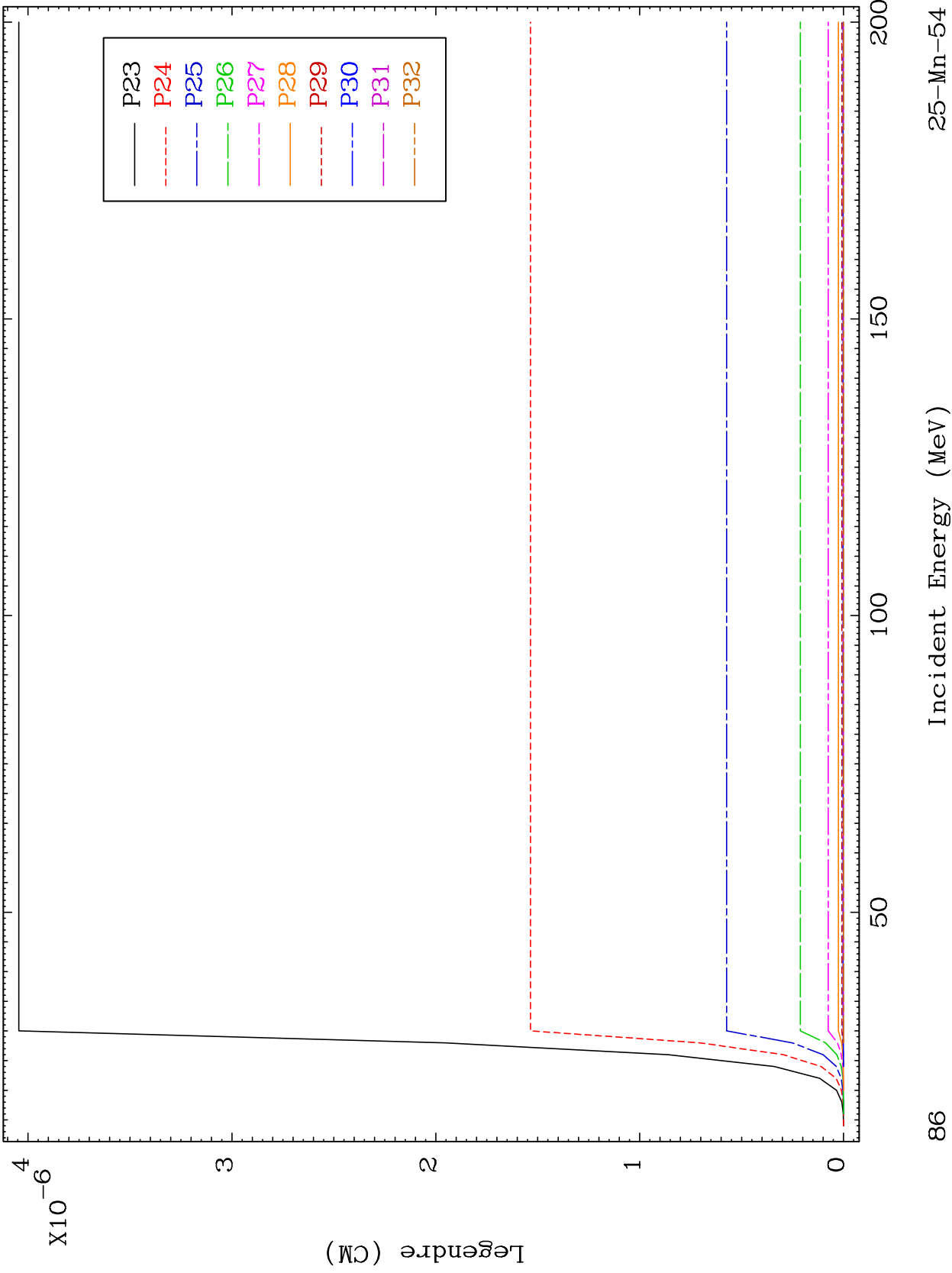
85

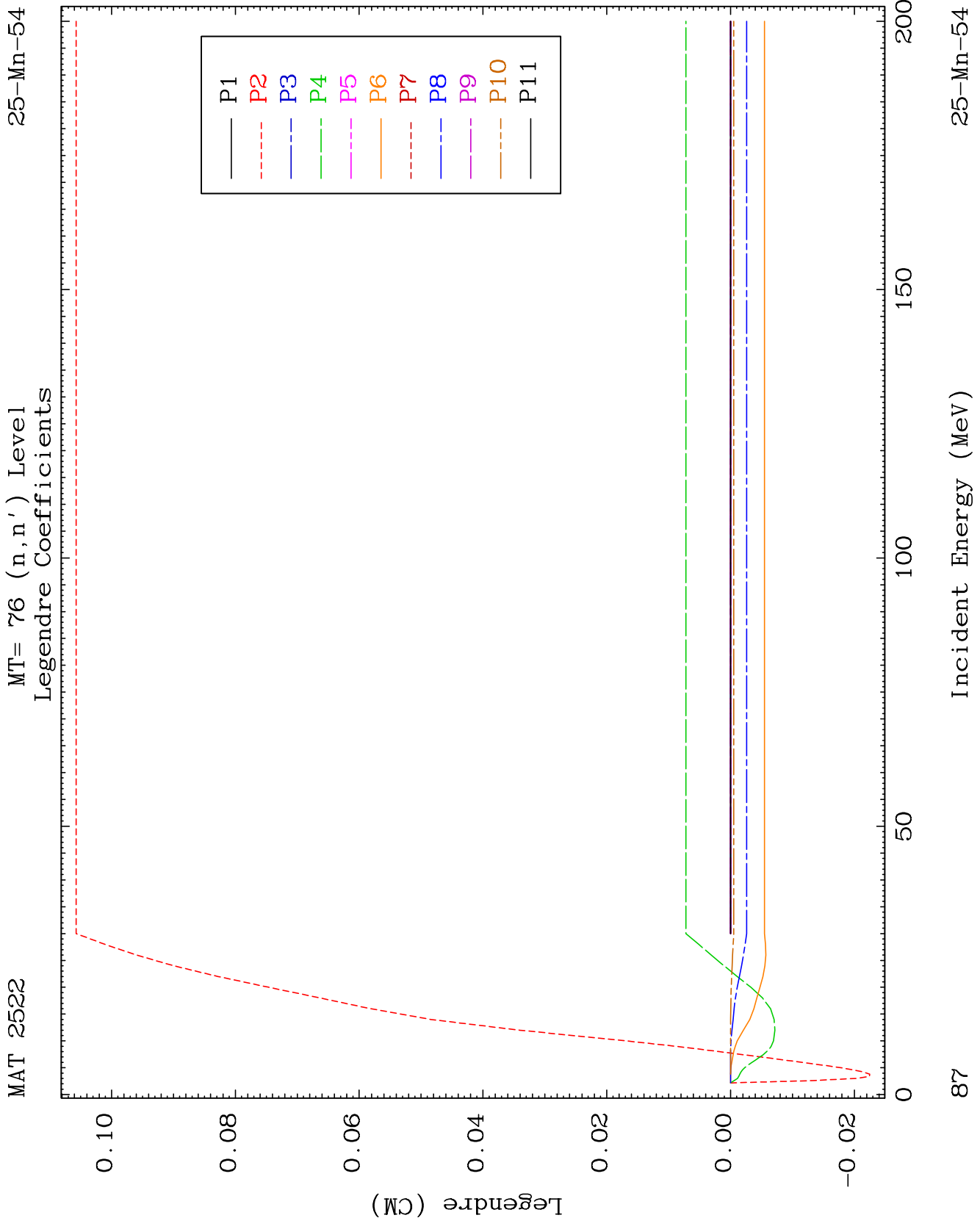
25-Mn-54

MAT 2522

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

25-Mn-54

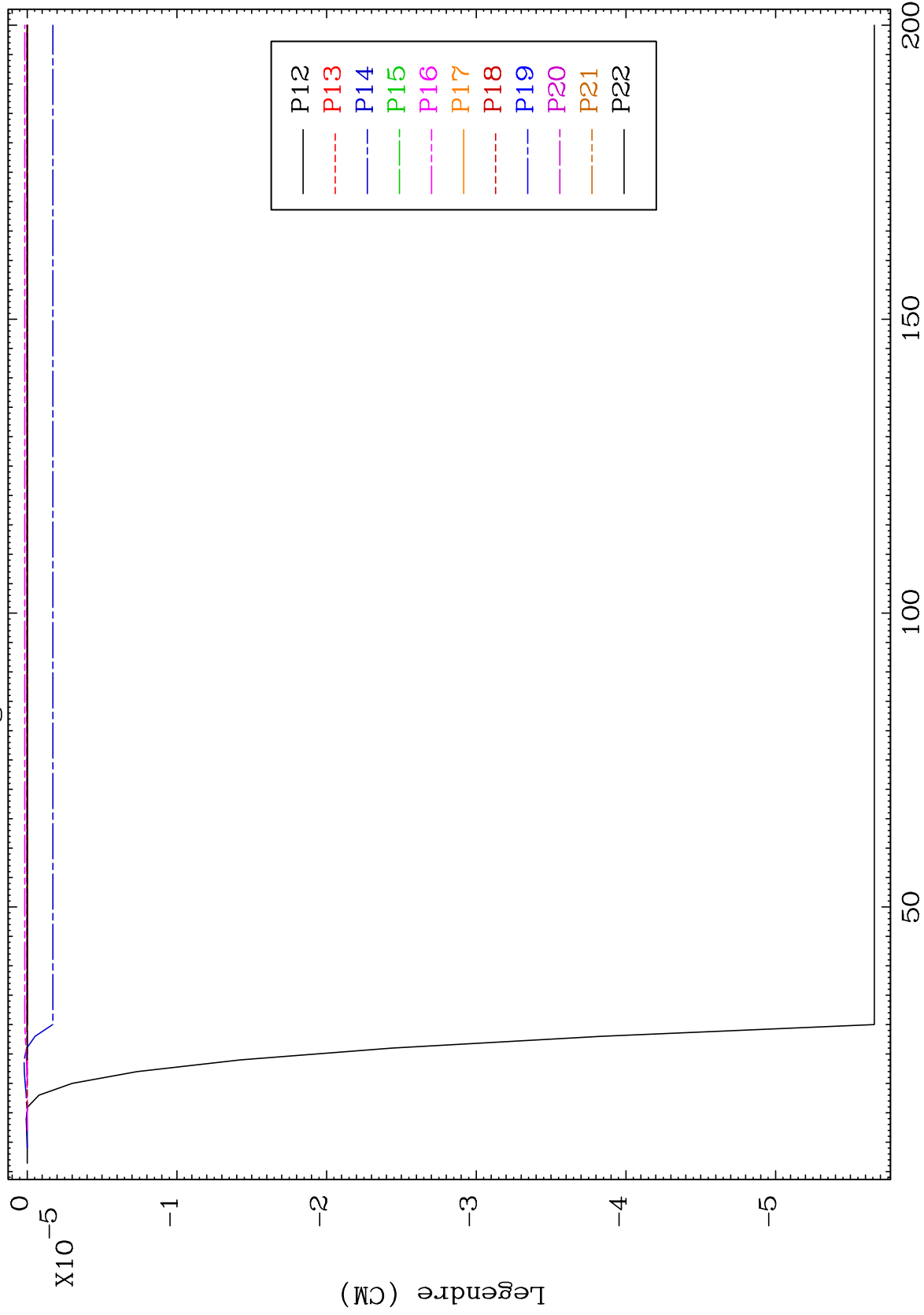




MAT 2522

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

25-Mn-54



88

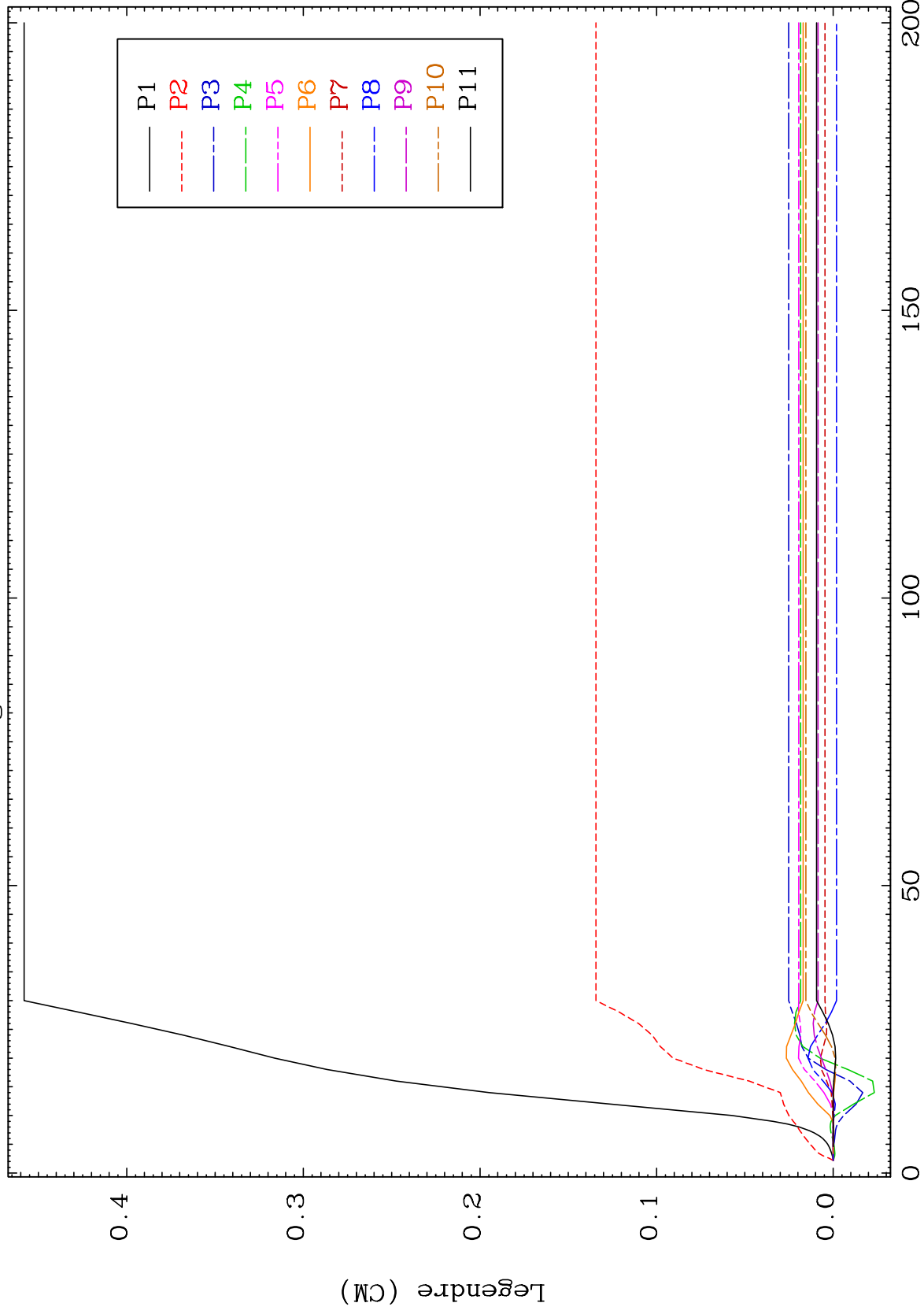
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



89

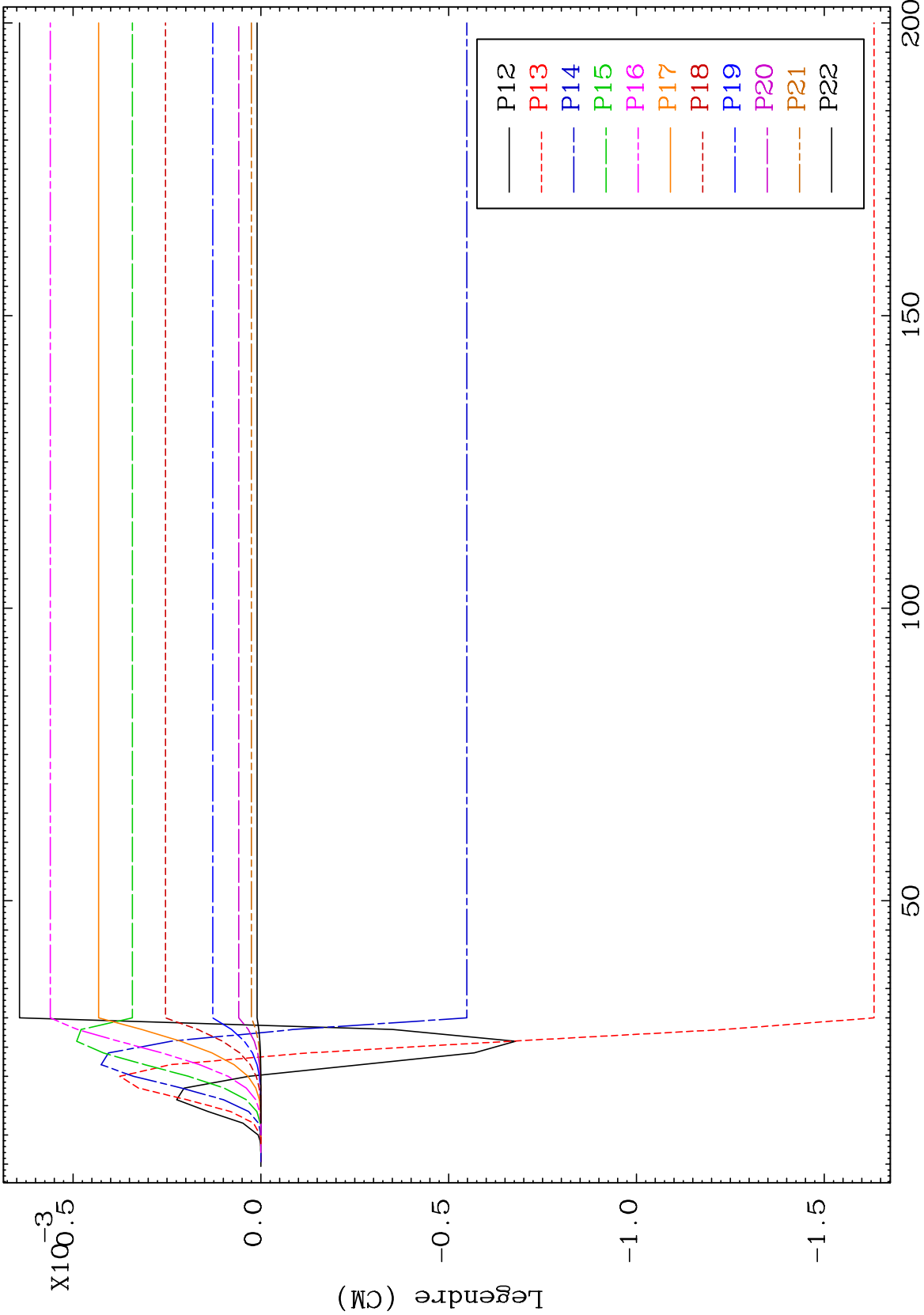
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



90

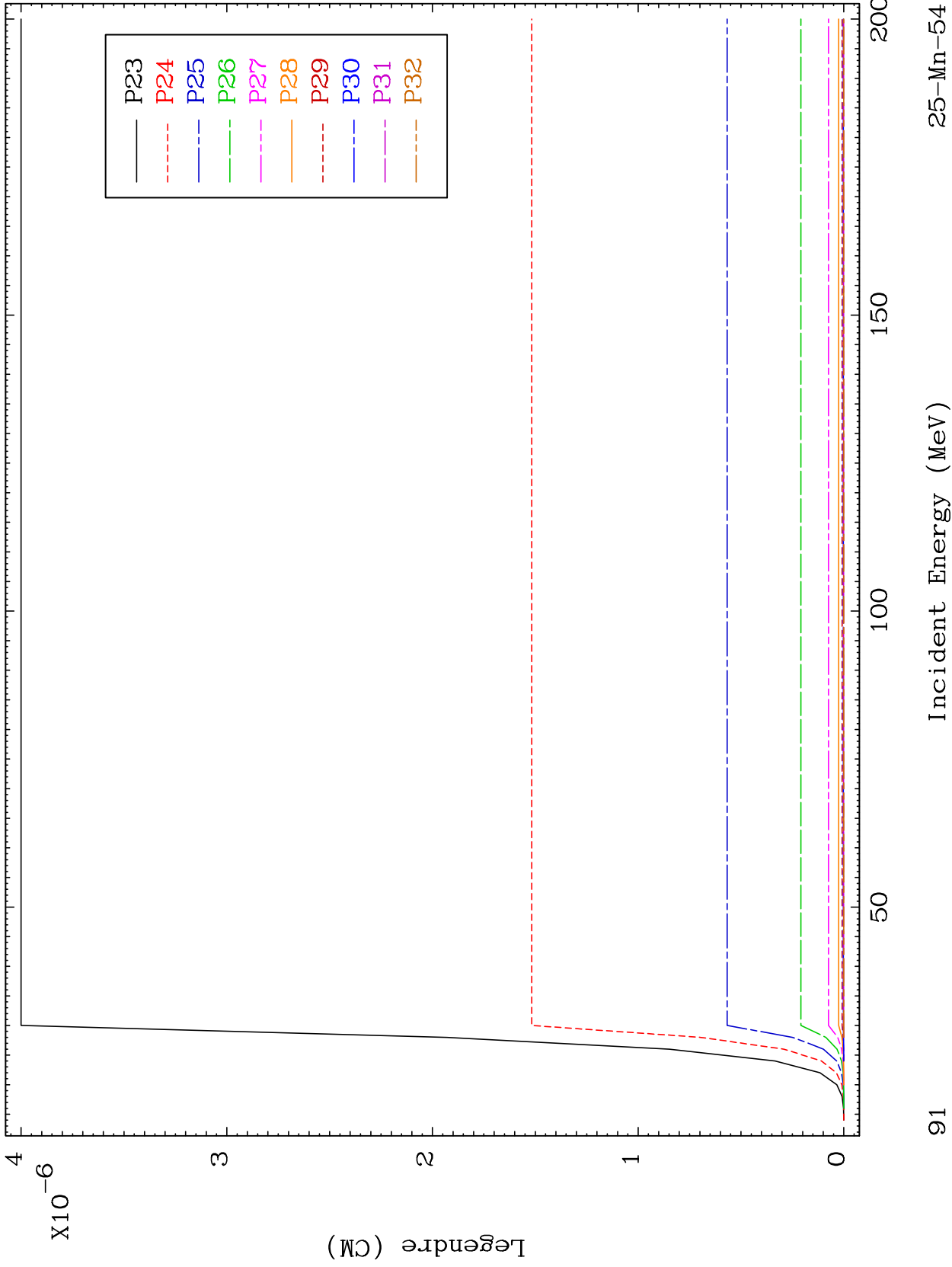
Incident Energy (MeV)

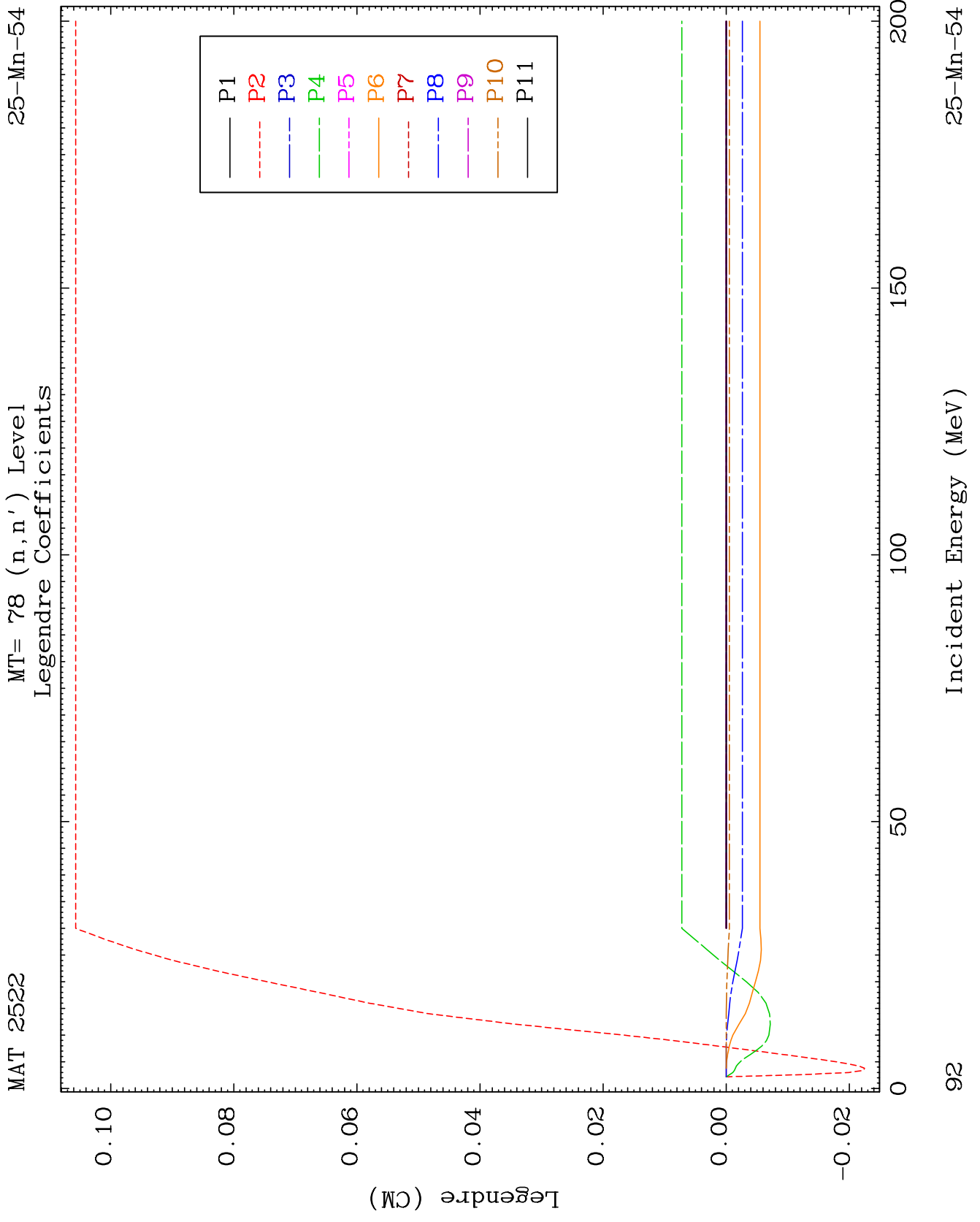
25-Mn-54

MAT 2522

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

25-Mn-54

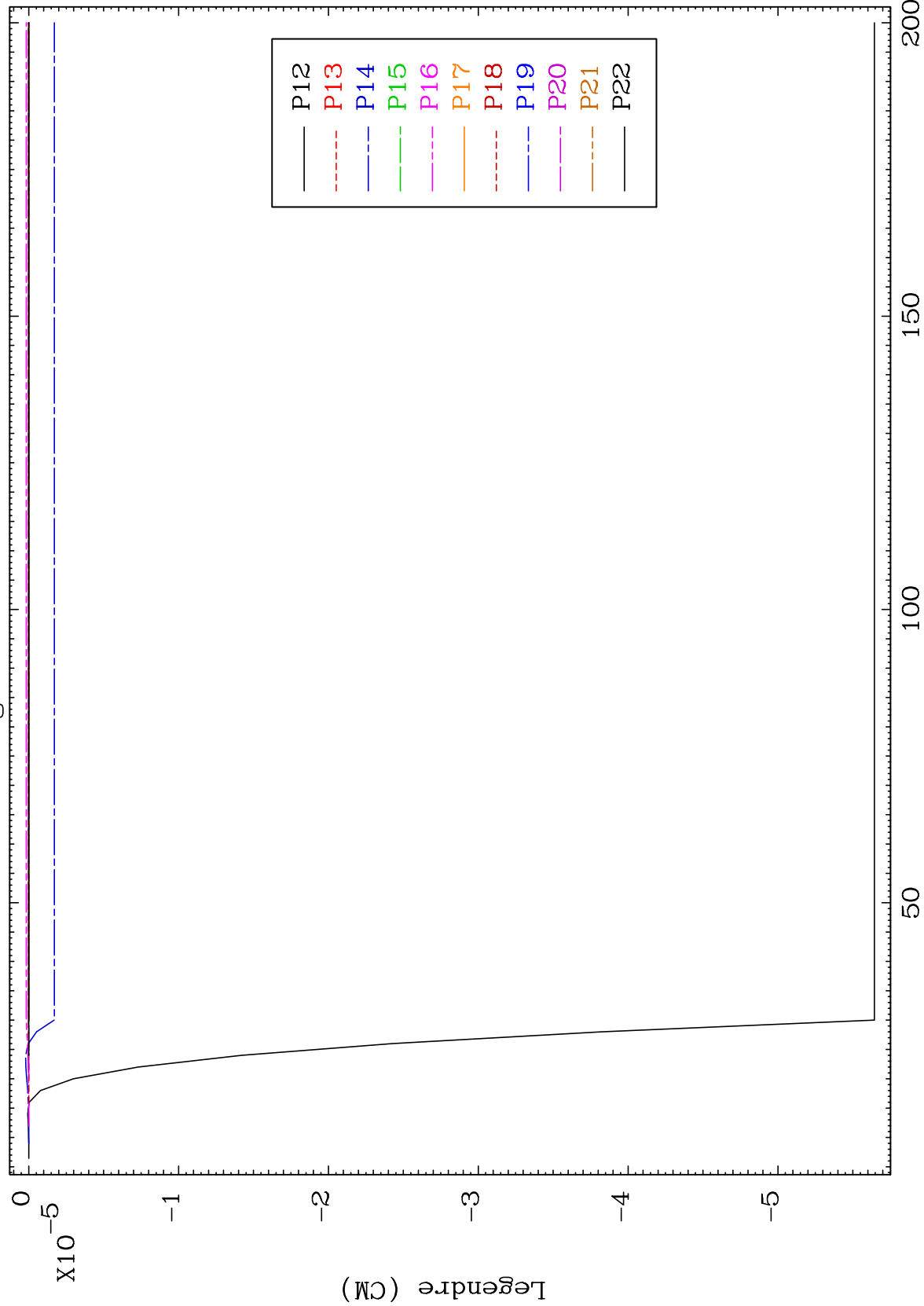




MAT 2522

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

25-Mn-54



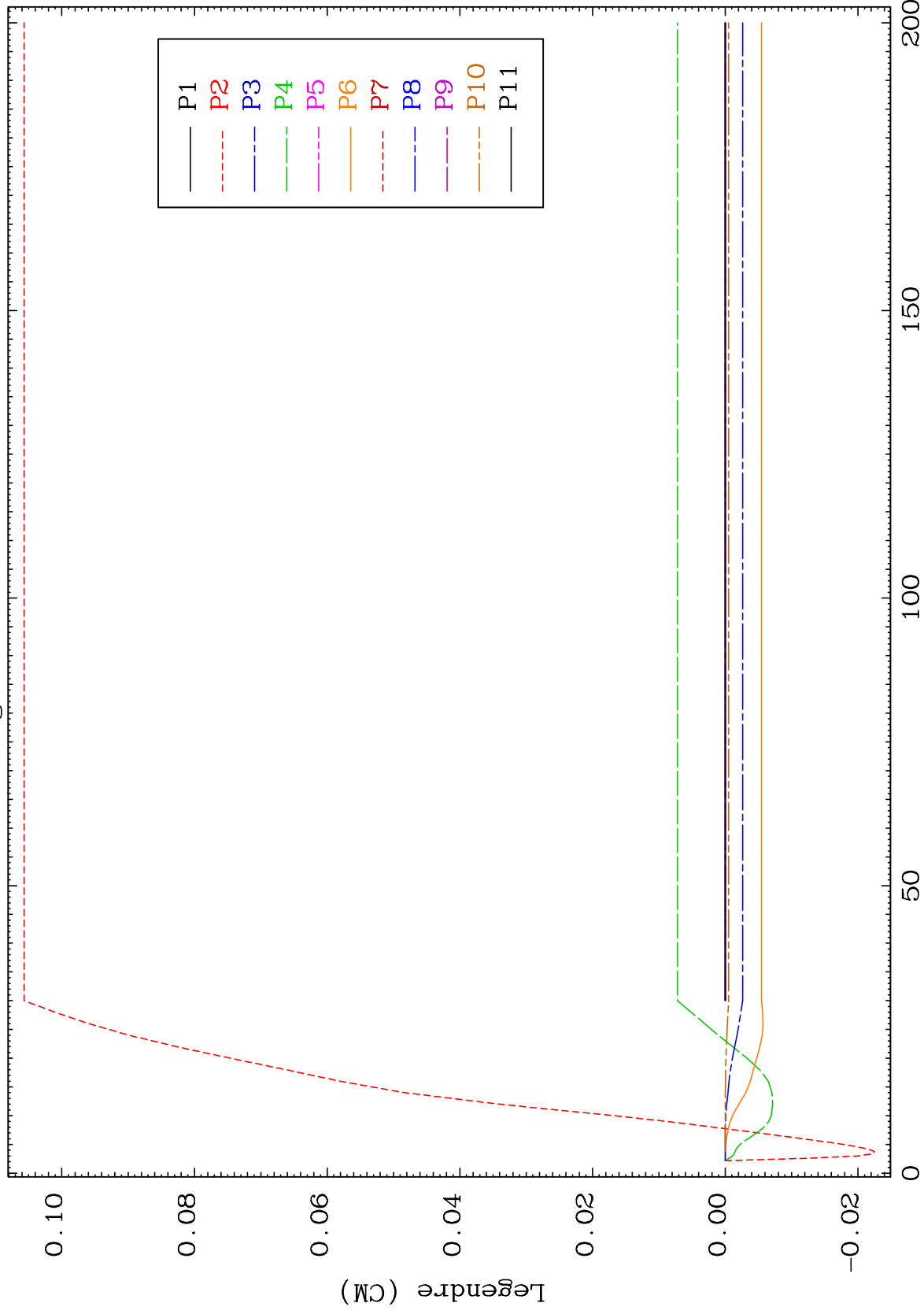
25-Mn-54

Incident Energy (MeV)

MAT 2522

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

25-Mn-54



94

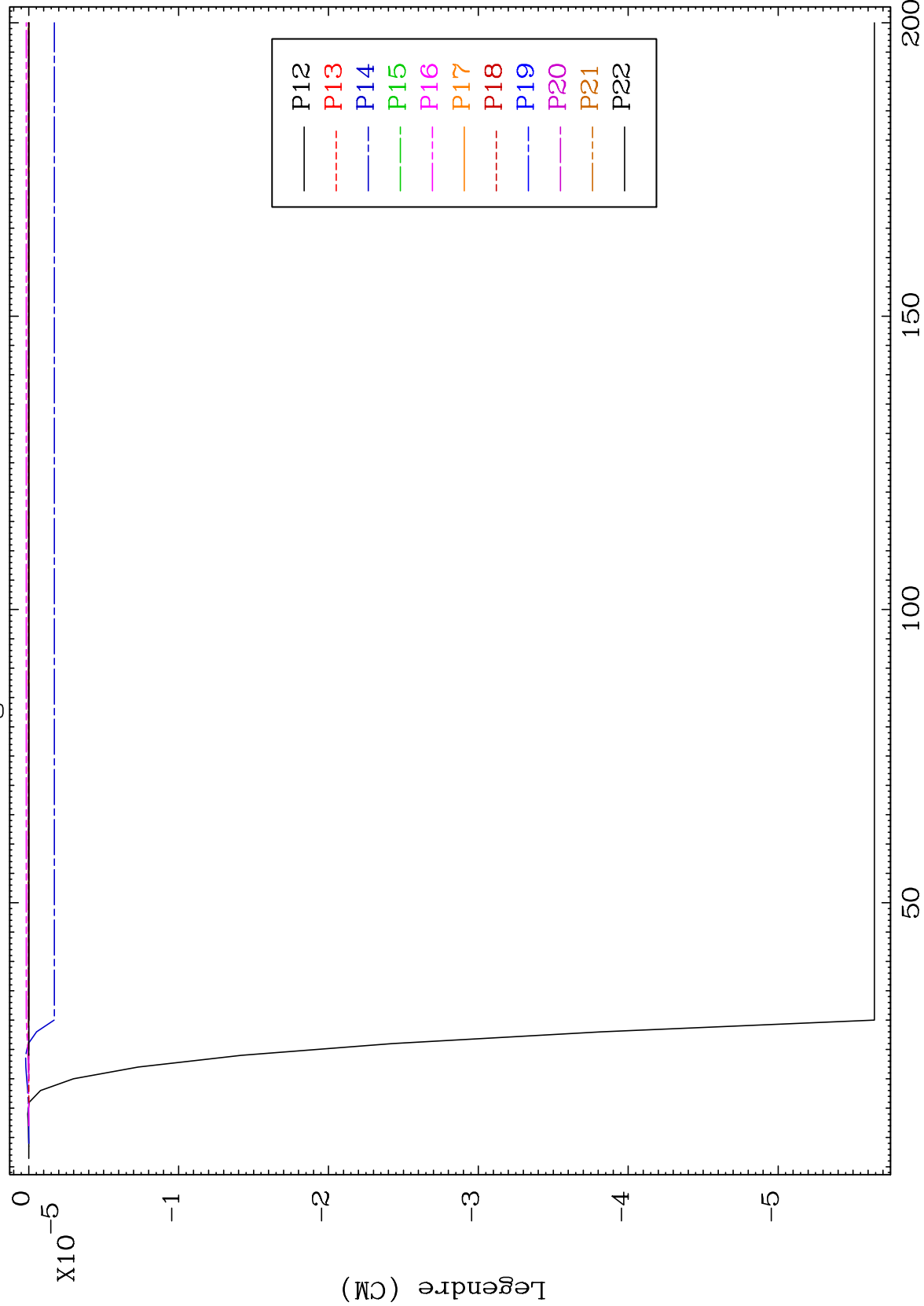
Incident Energy (MeV)

25-Mn-54

MAT 2522

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

25-Mn-54



25-Mn-54

Incident Energy (MeV)

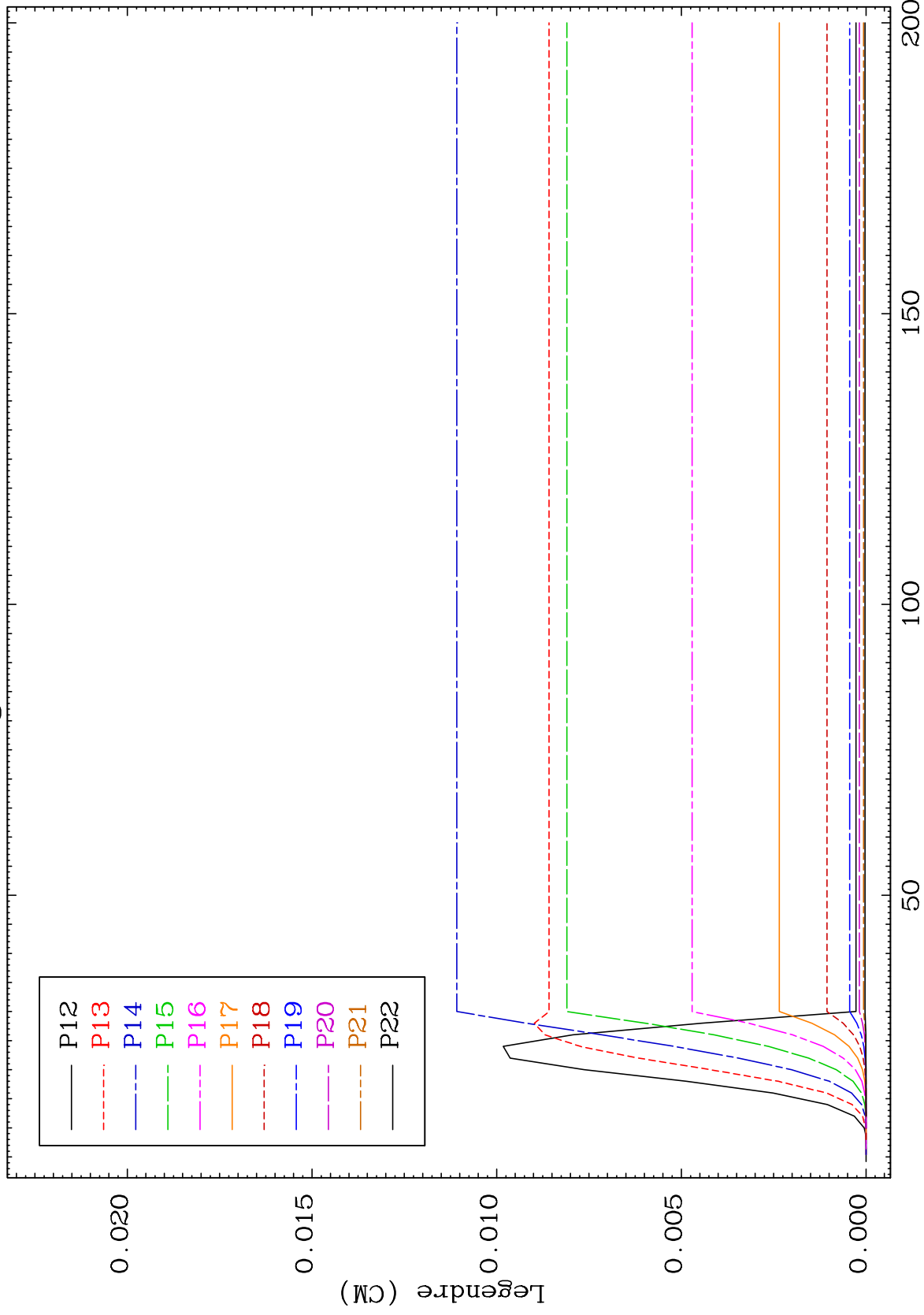
95



MAT 2522

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

25-Mn-54



97

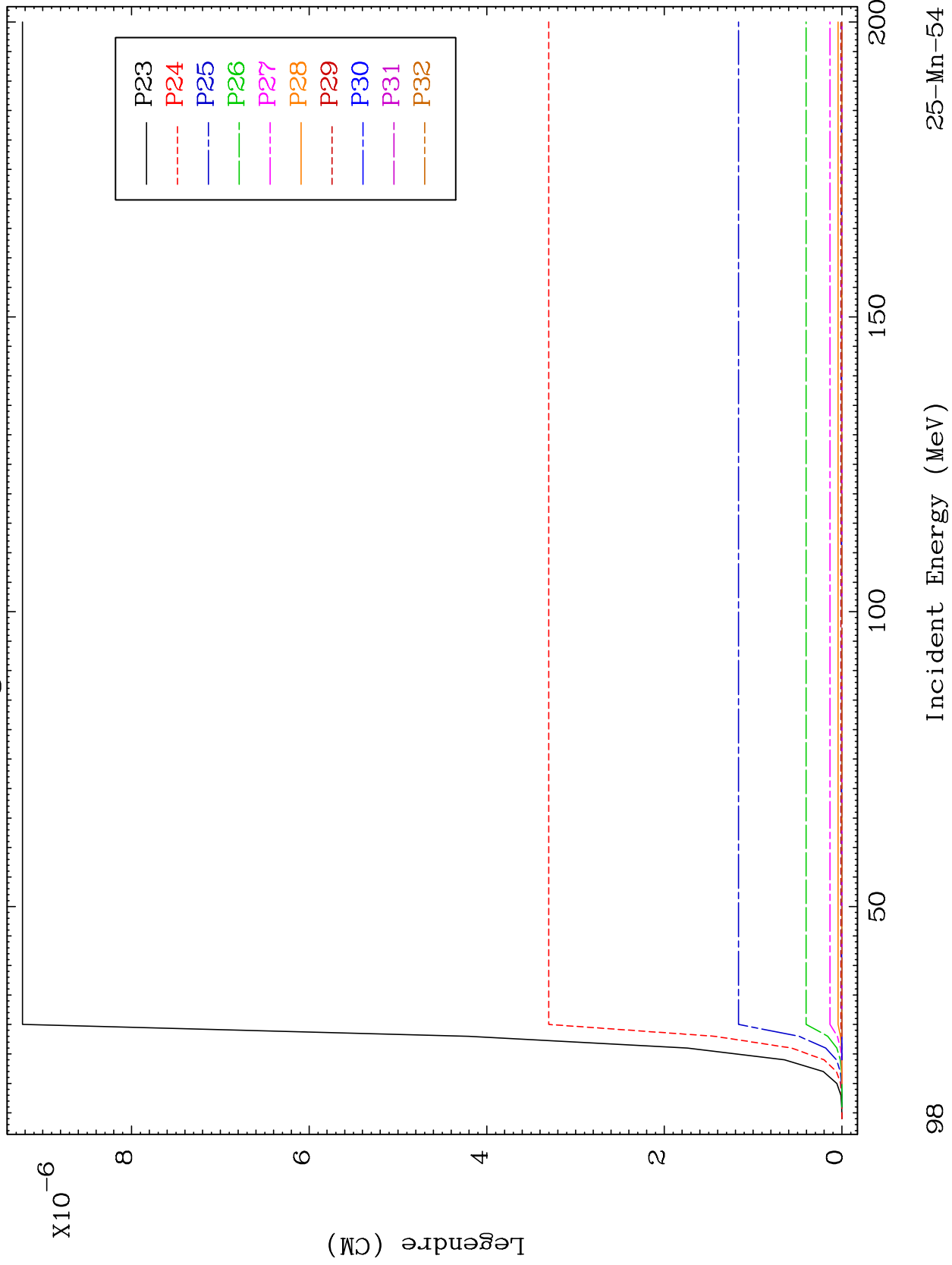
Incident Energy (MeV)

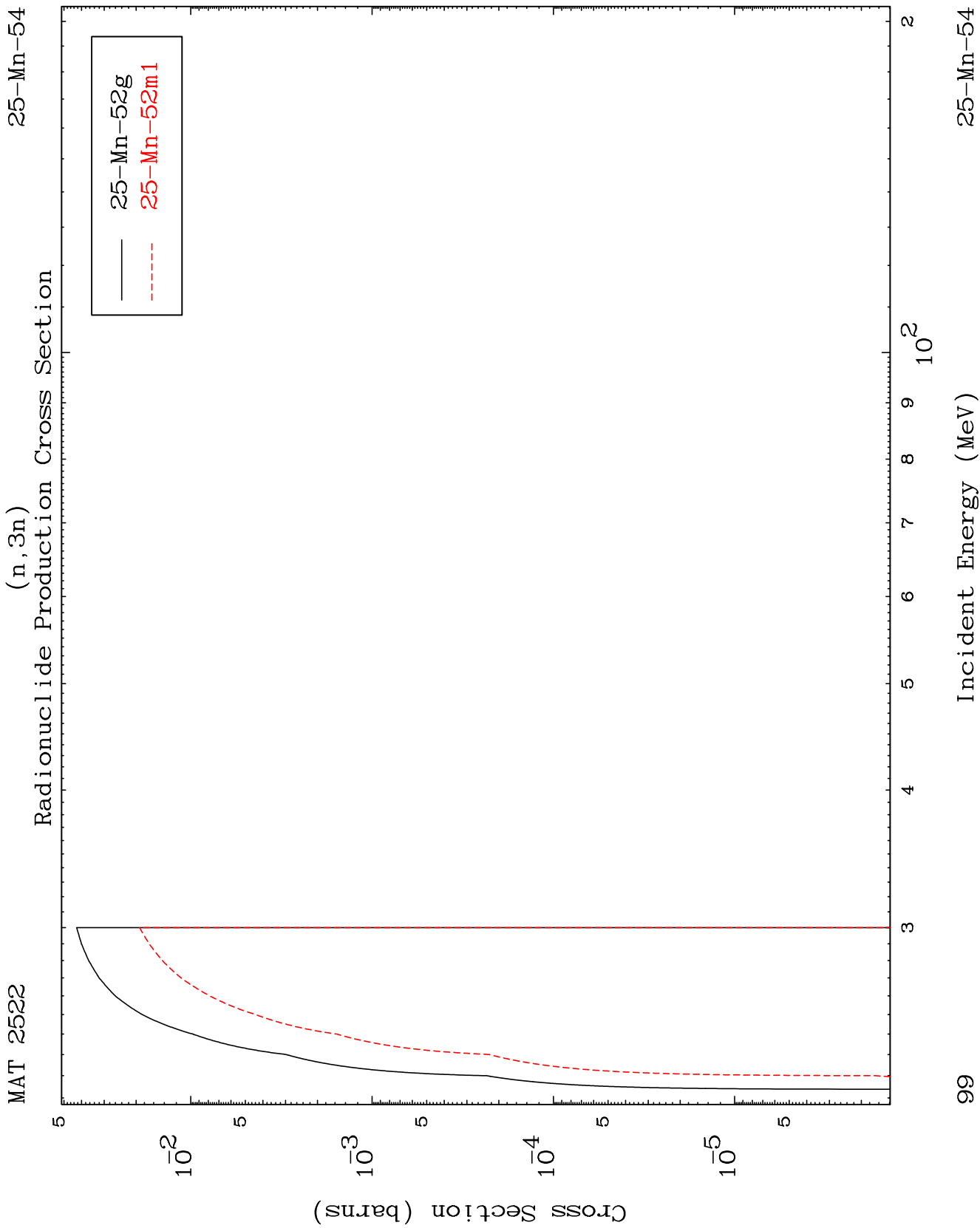
25-Mn-54

MAT 2522

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

25-Mn-54



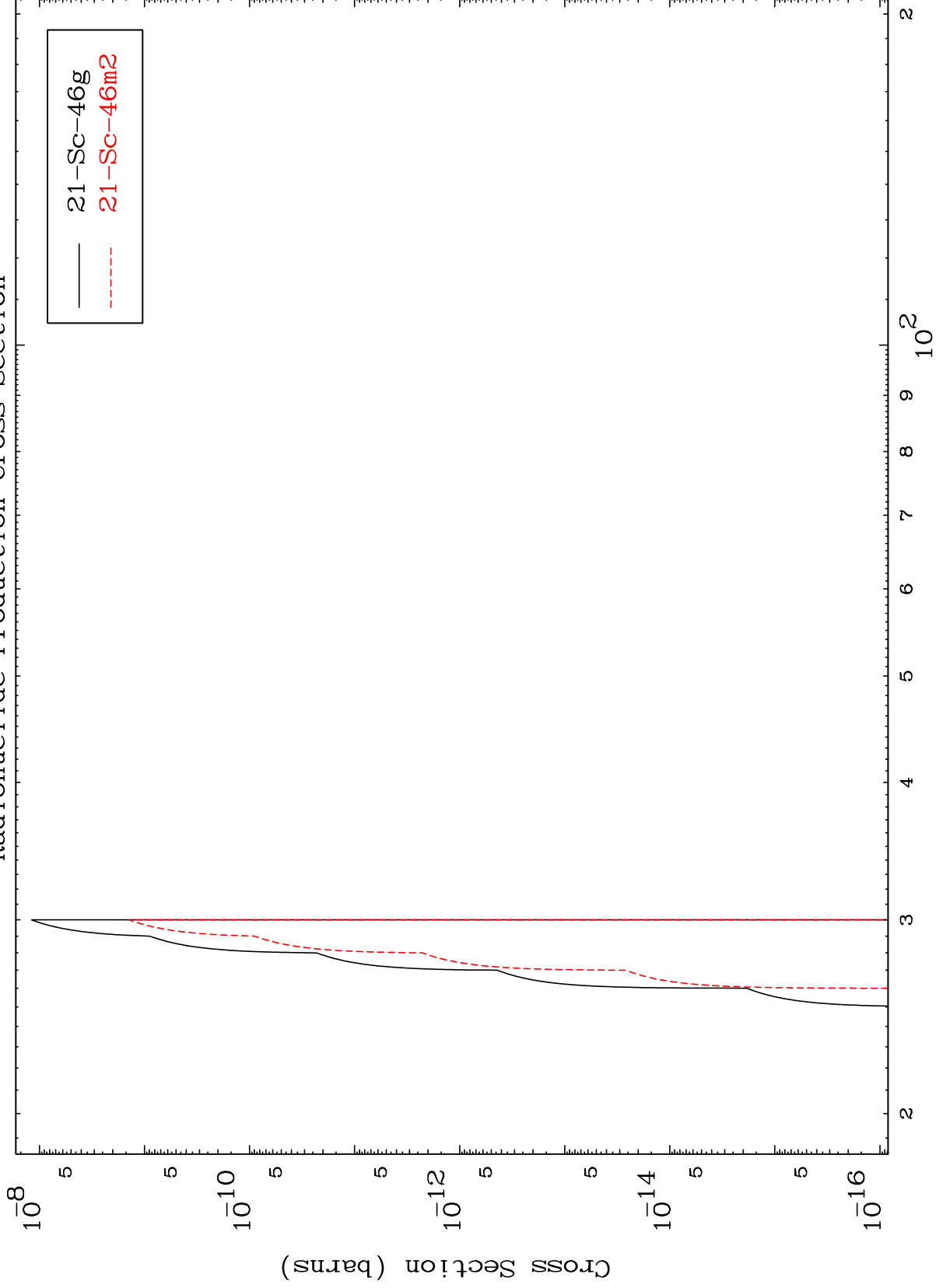


MAT 2522

(n,n') 2 $\alpha$

25-Mn-54

Radionuclide Production Cross Section



100

Incident Energy (MeV)

25-Mn-54