

Program EVALPLOT  
(Version 2021-1)

by

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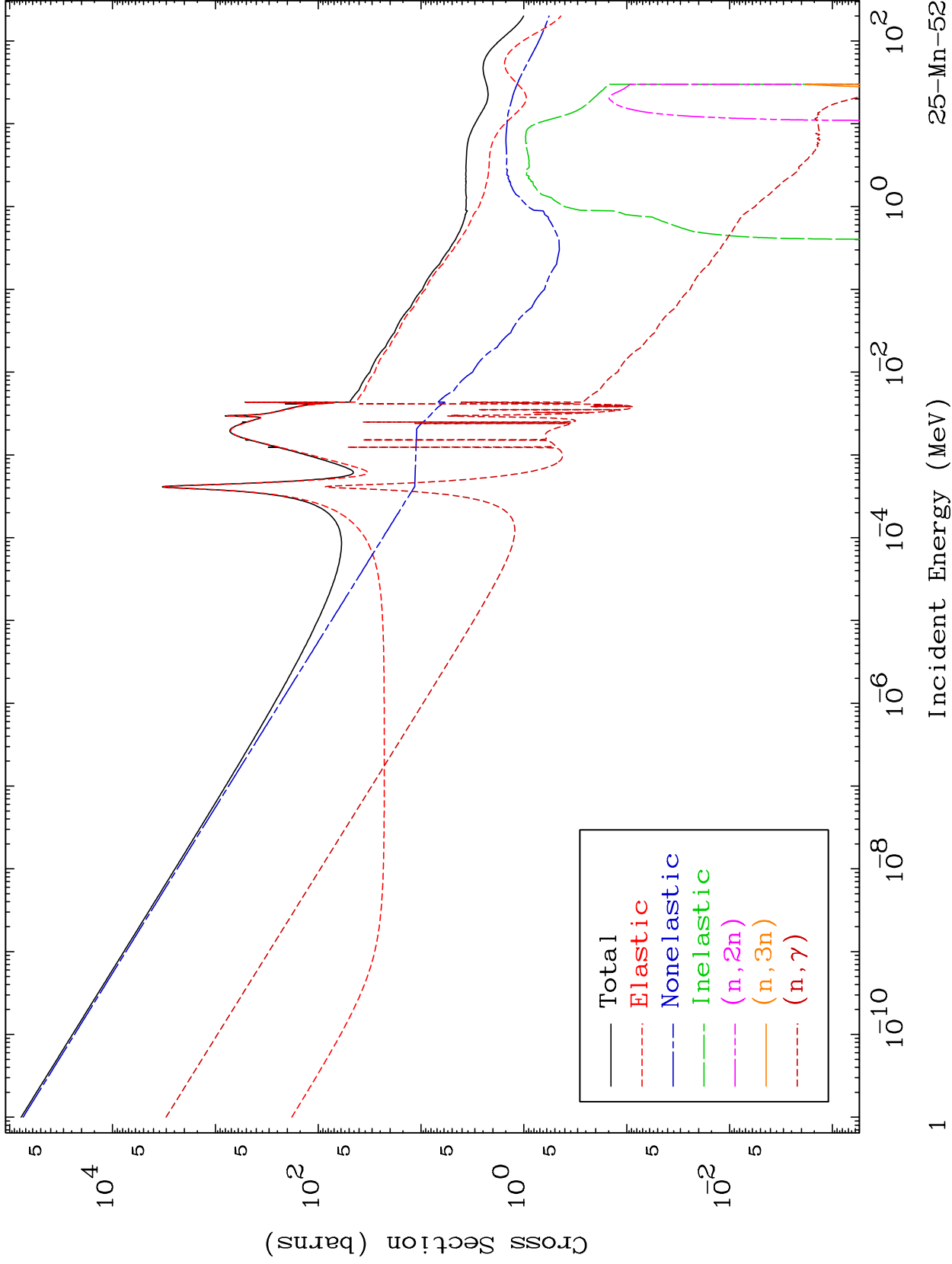
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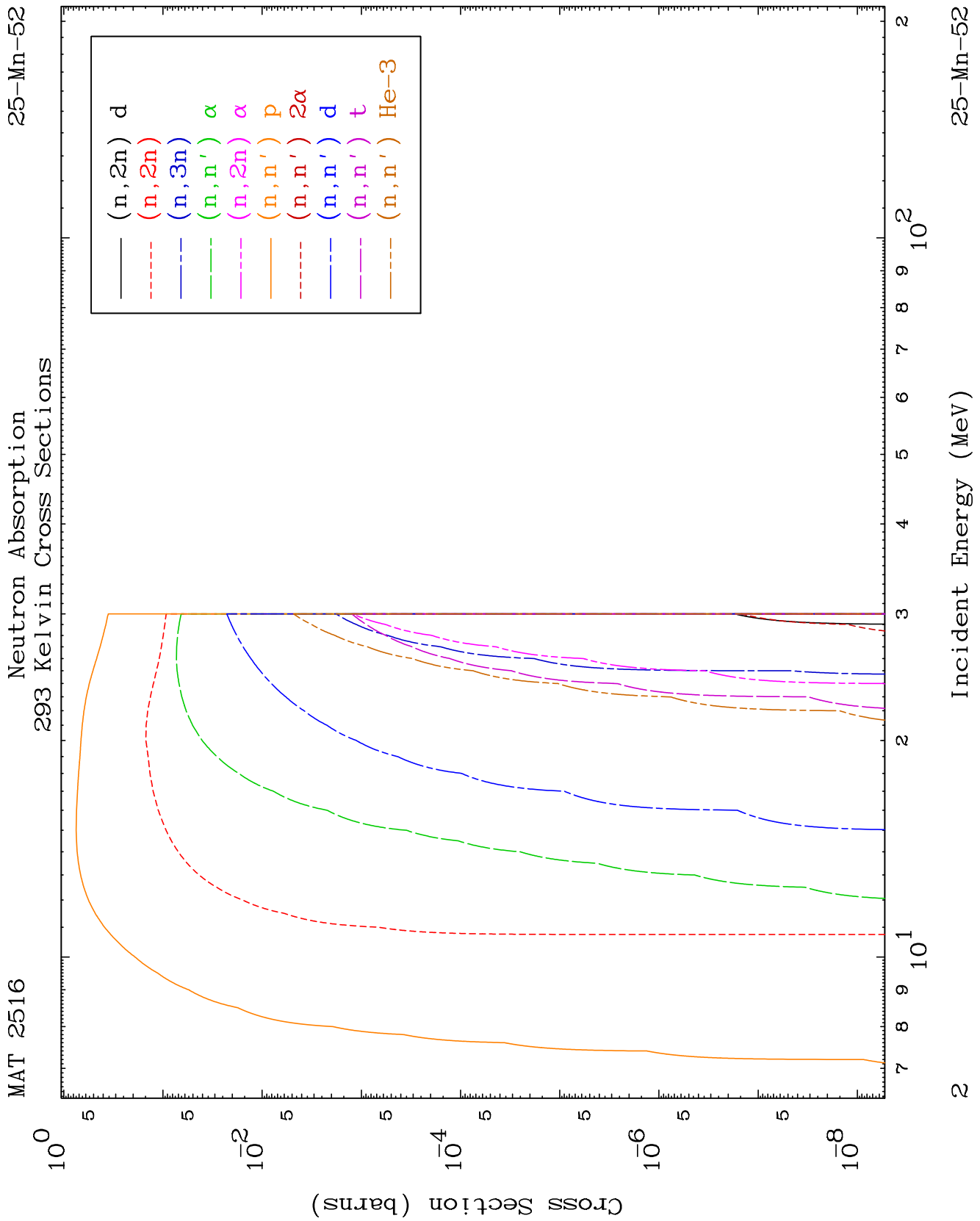
Press Mouse Button to Start

MAT 2516

Neutron Major  
293 Kelvin Cross Sections

25-Mn-52

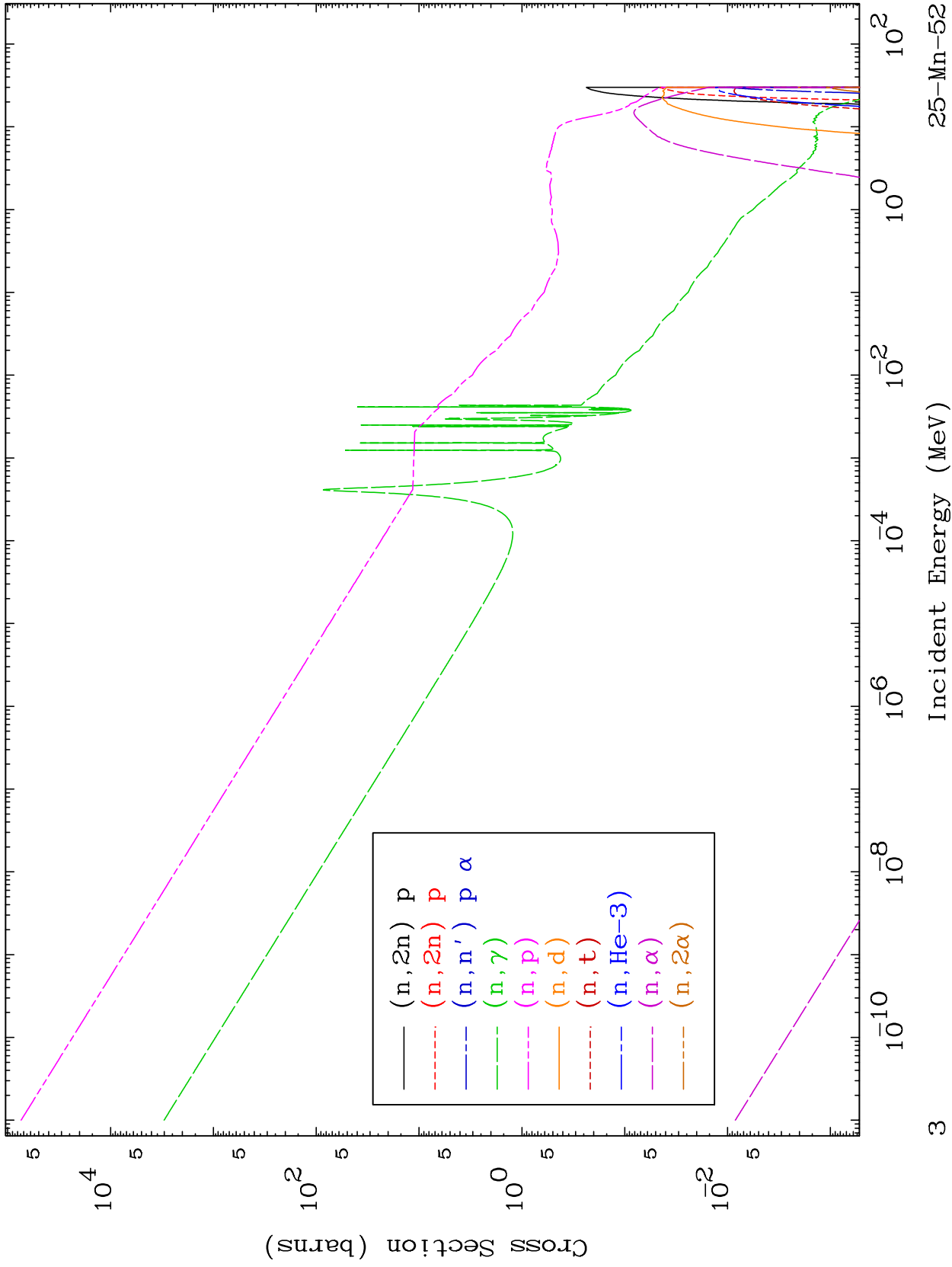




MAT 2516

Neutron Absorption  
293 Kelvin Cross Sections

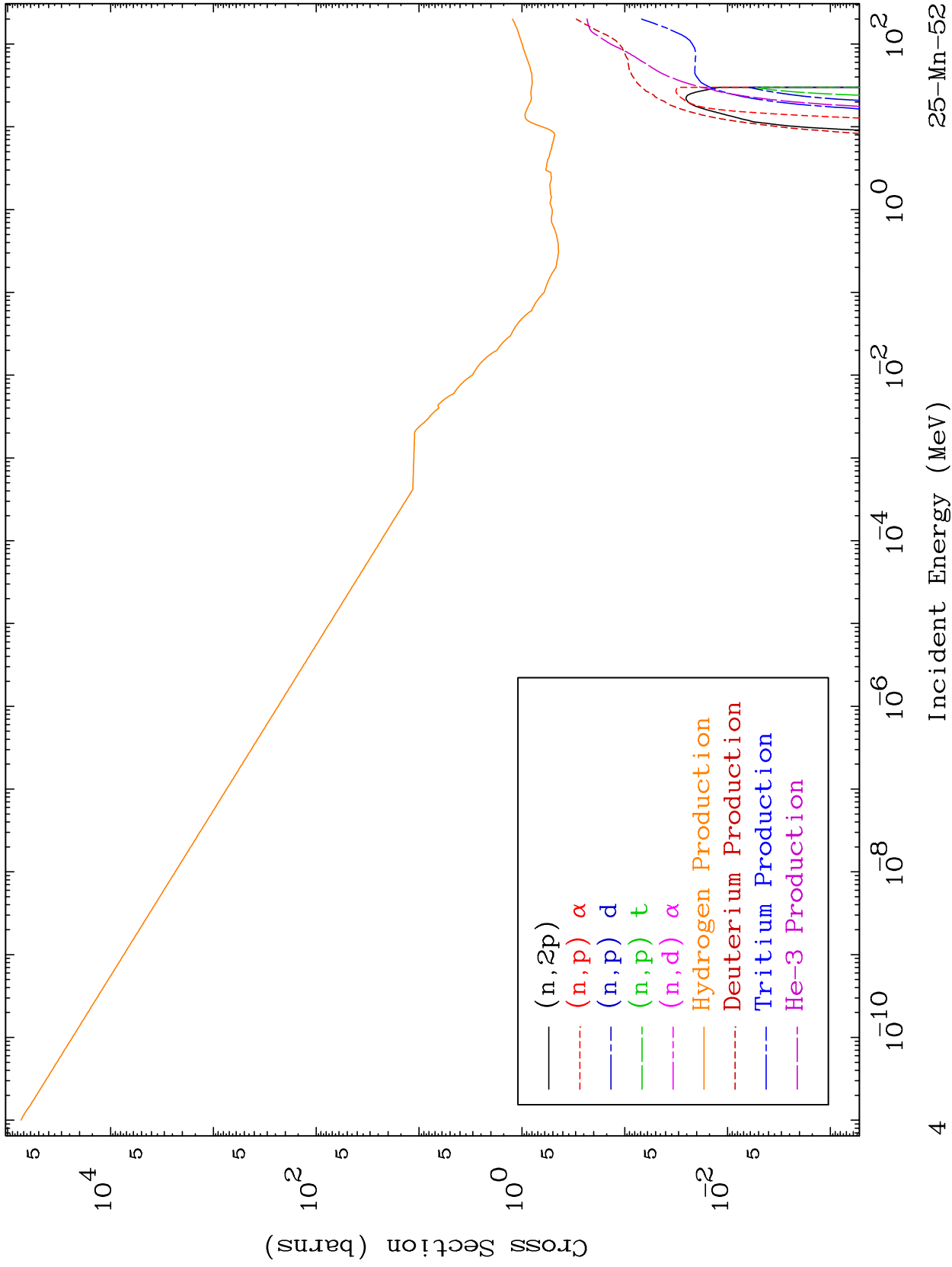
25-Mn-52



MAT 2516

Neutron Absorption  
293 Kelvin Cross Sections

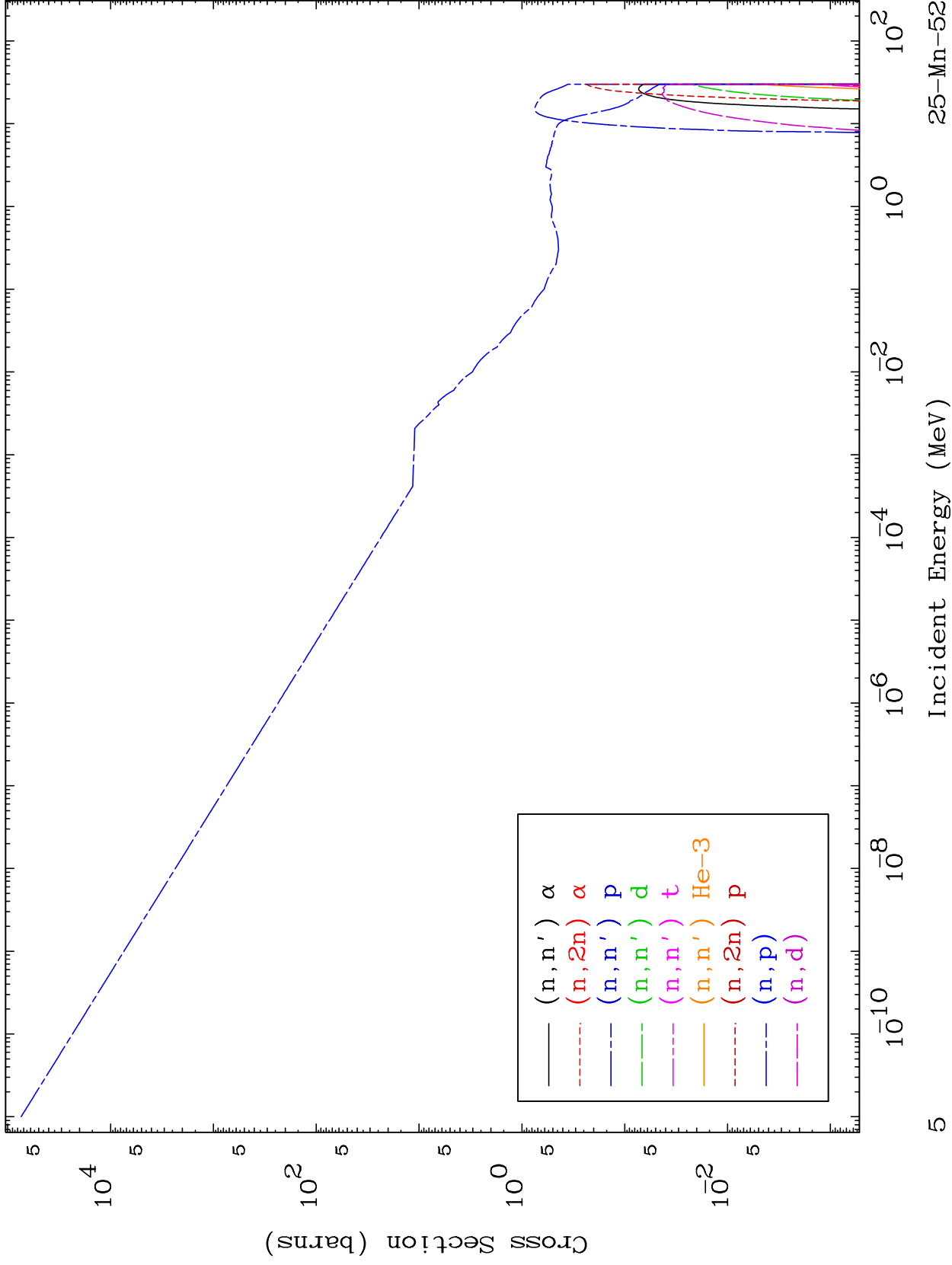
25-Mn-52



MAT 2516

Charged Particle  
293 Kelvin Cross Sections

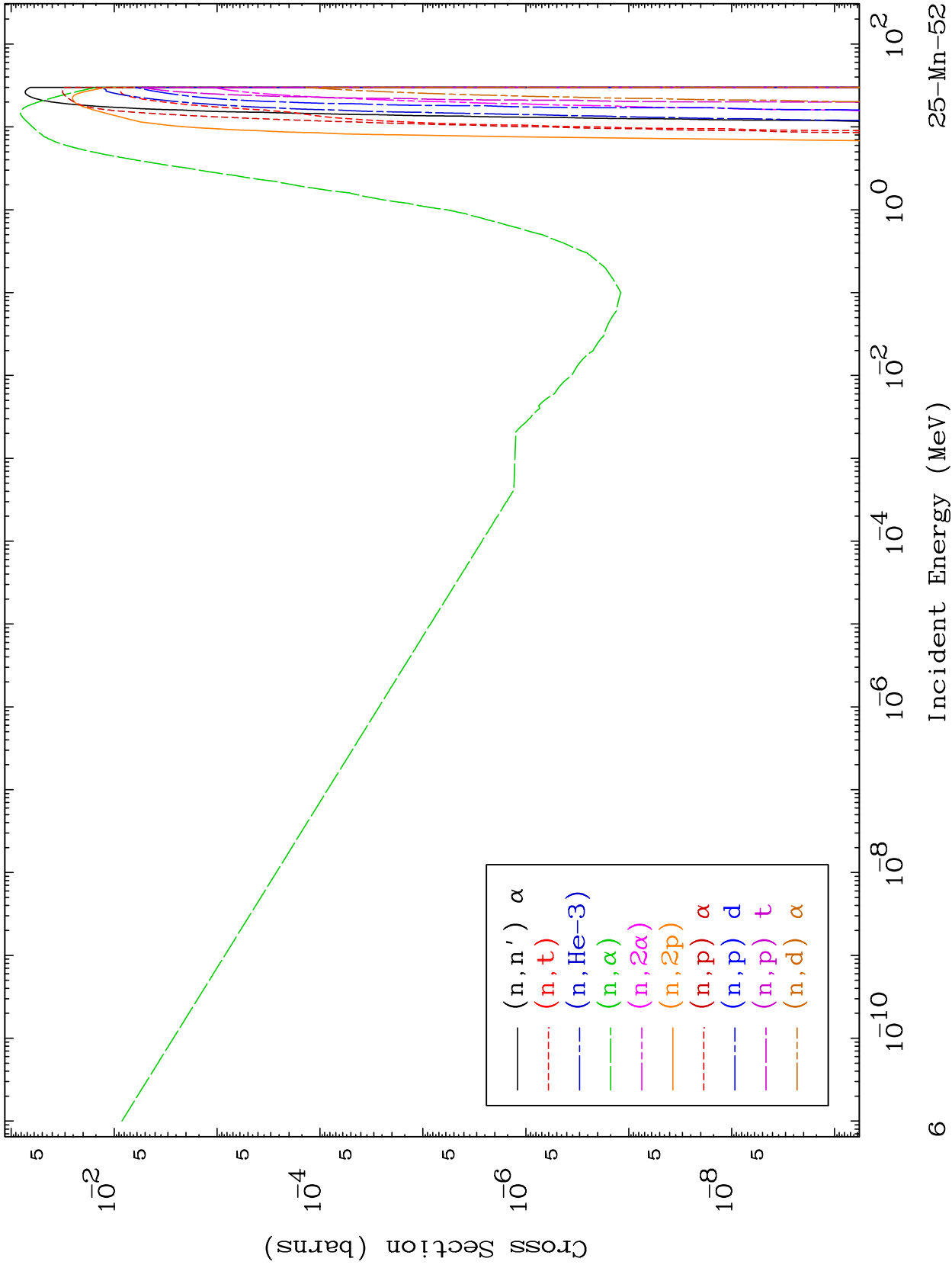
25-Mn-52



MAT 2516

Charged Particle  
293 Kelvin Cross Sections

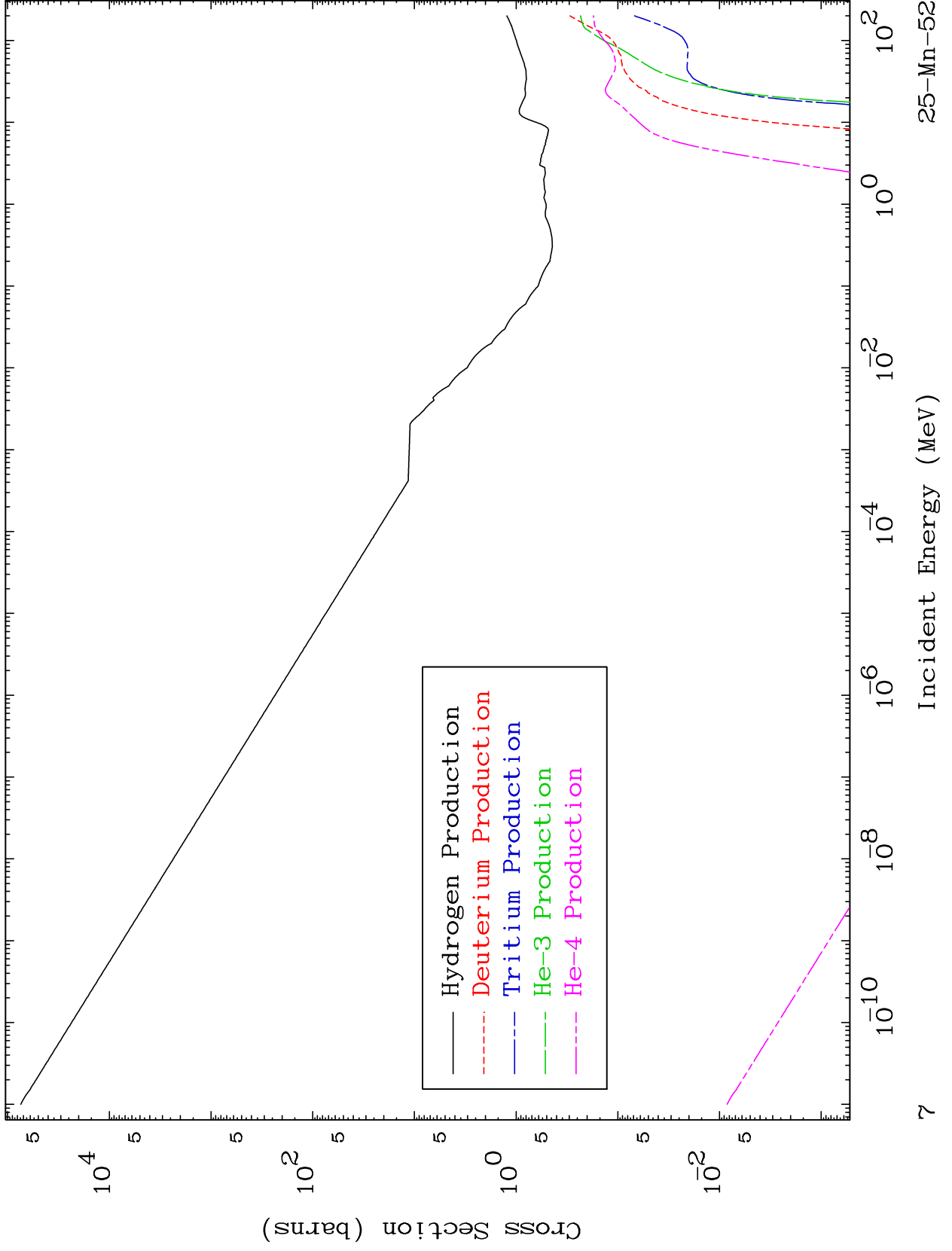
25-Mn-52



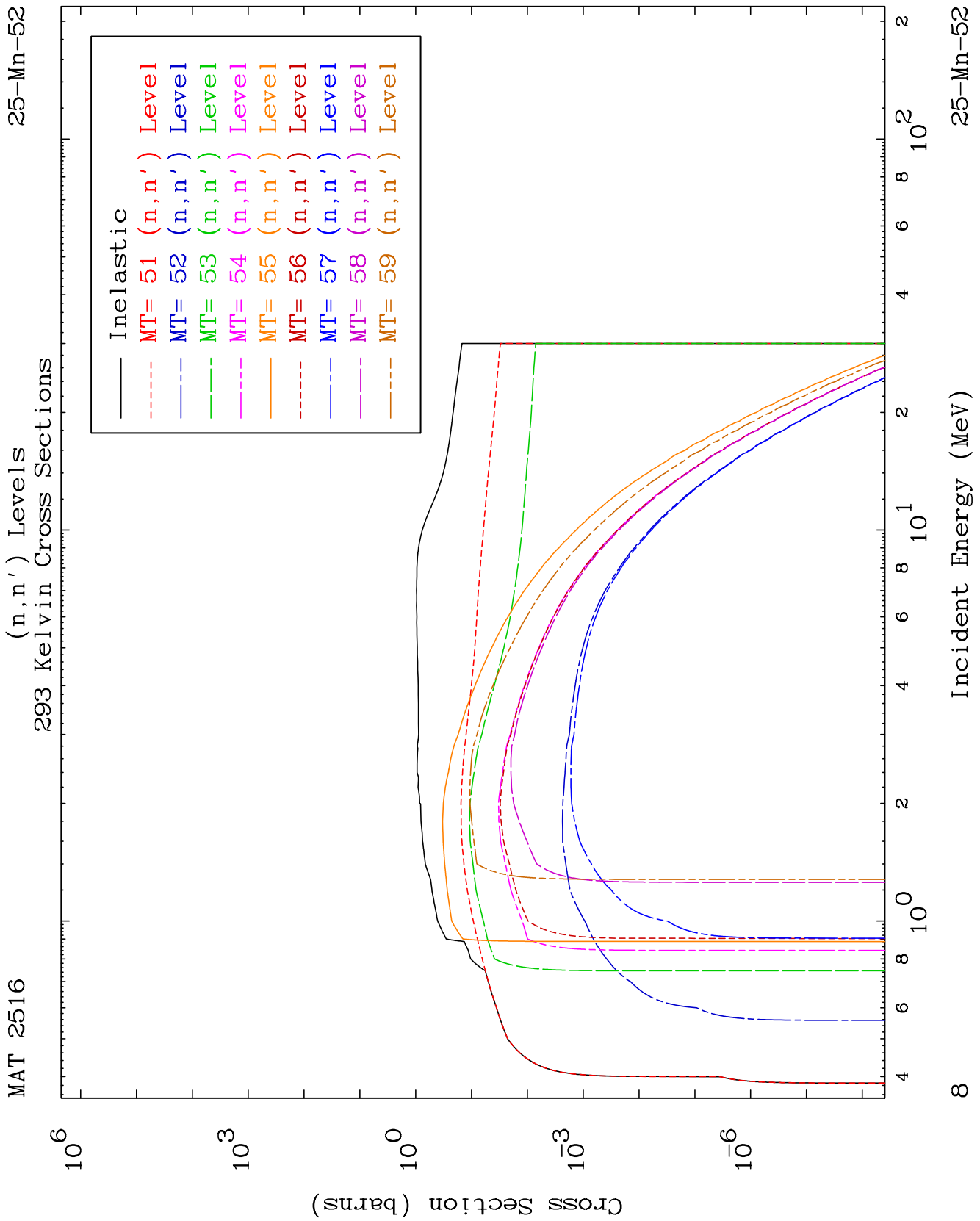
MAT 2516

Particle Production  
293 Kelvin Cross Sections

25-Mn-52





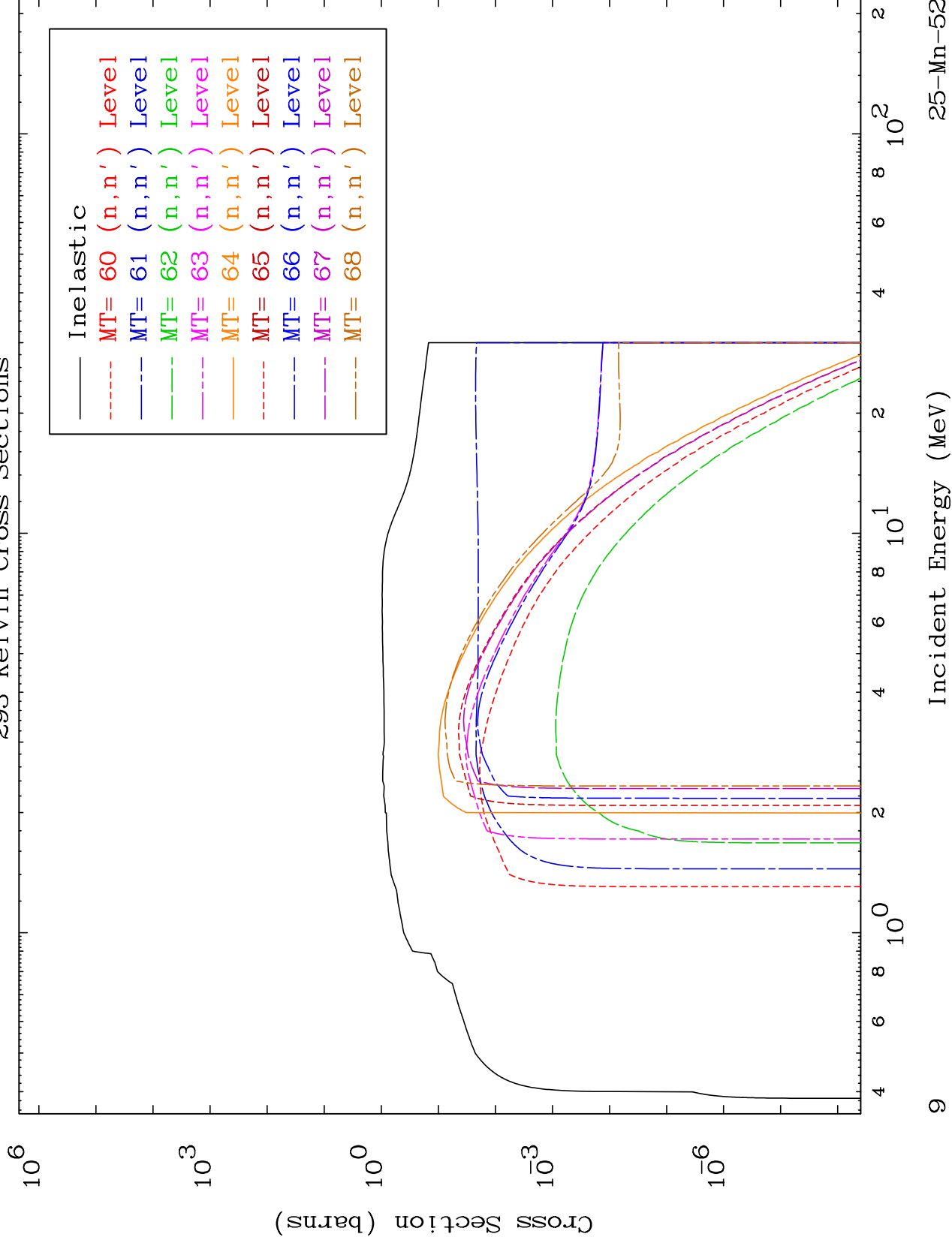


MAT 2516

(n,n') Levels

25-Mn-52

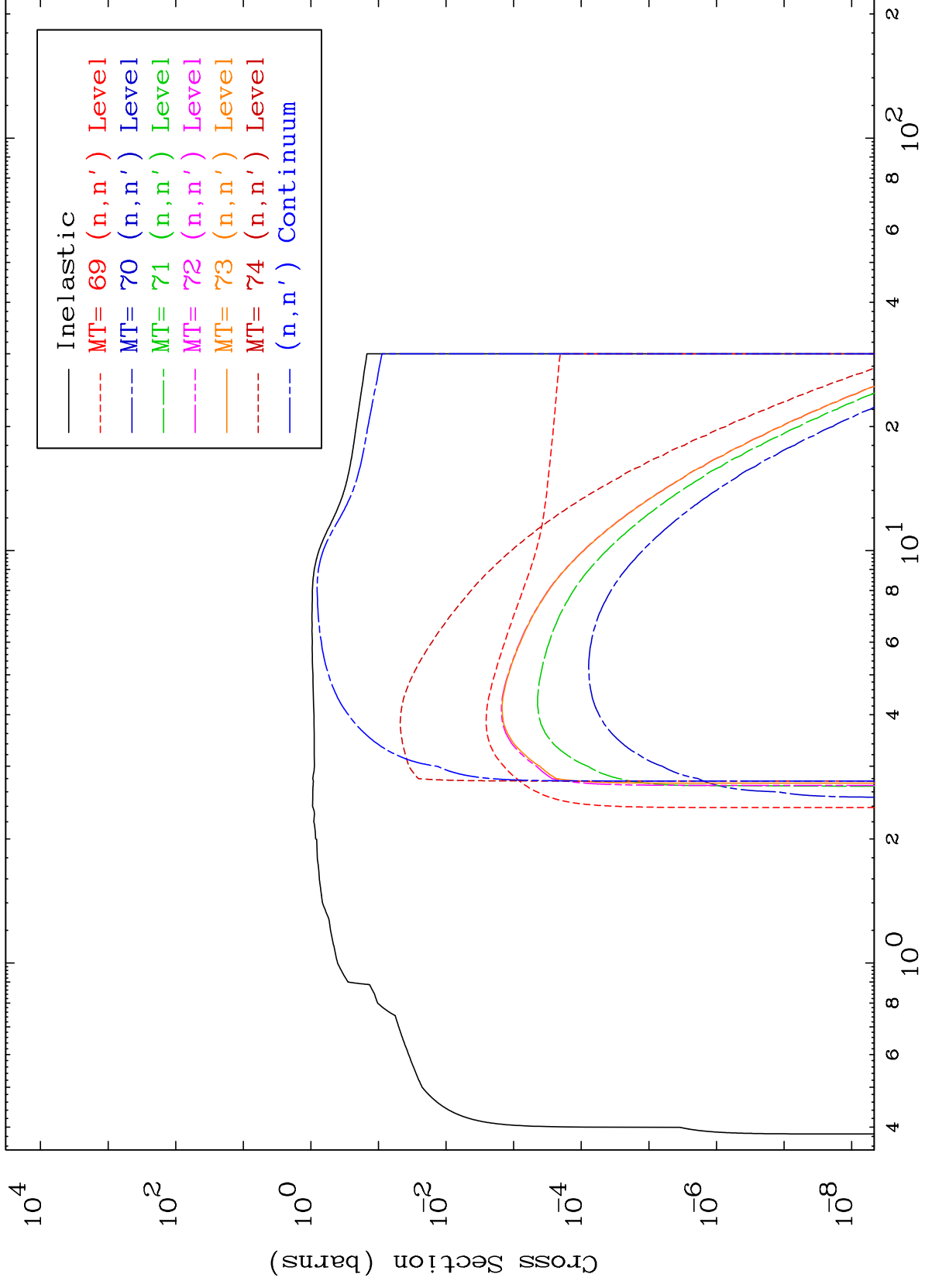
293 Kelvin Cross Sections



MAT 2516

(n,n') Levels  
293 Kelvin Cross Sections

25-Mn-52



10

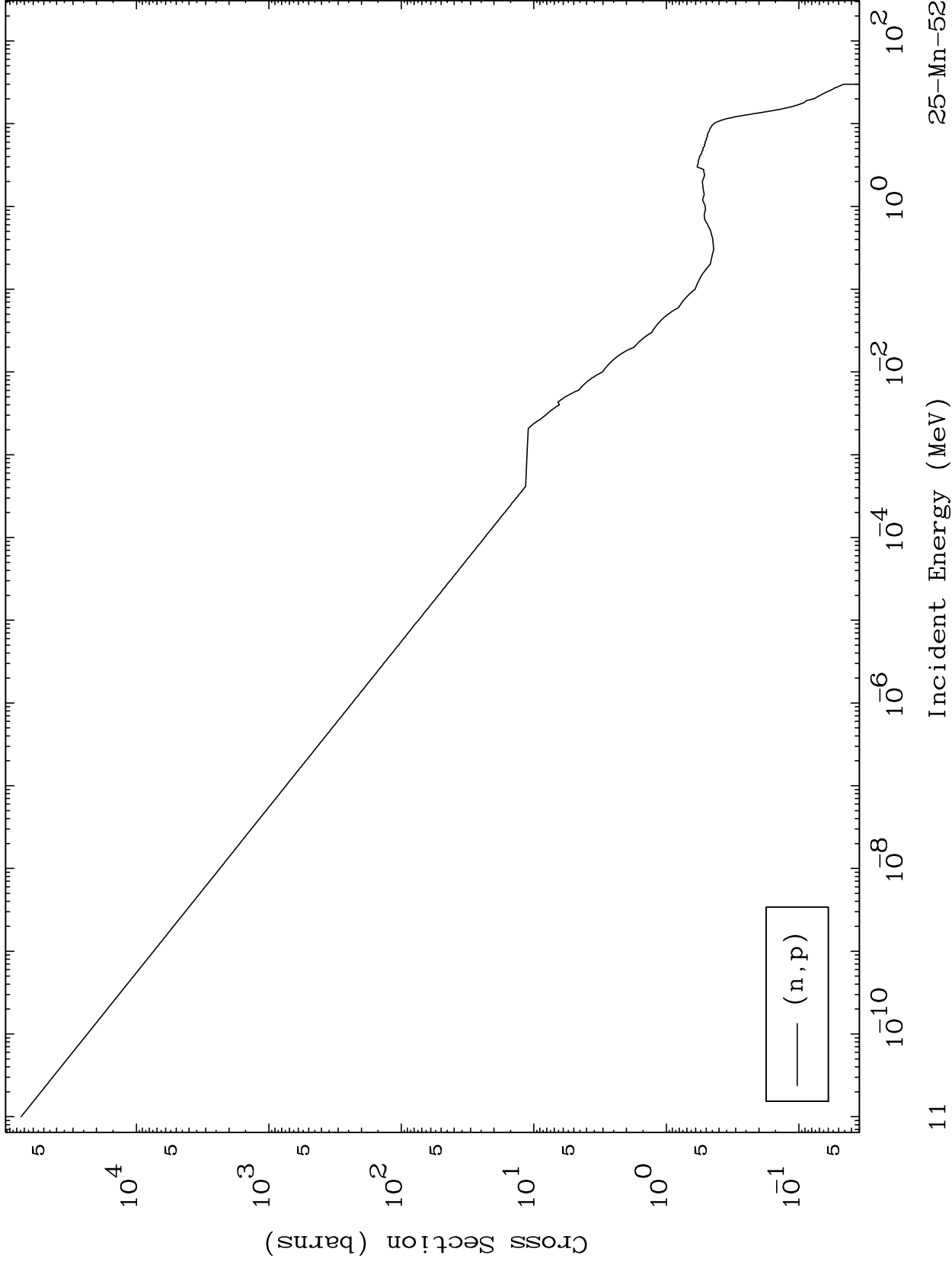
Incident Energy (MeV)

25-Mn-52

MAT 2516

(n,p) Levels  
293 Kelvin Cross Sections

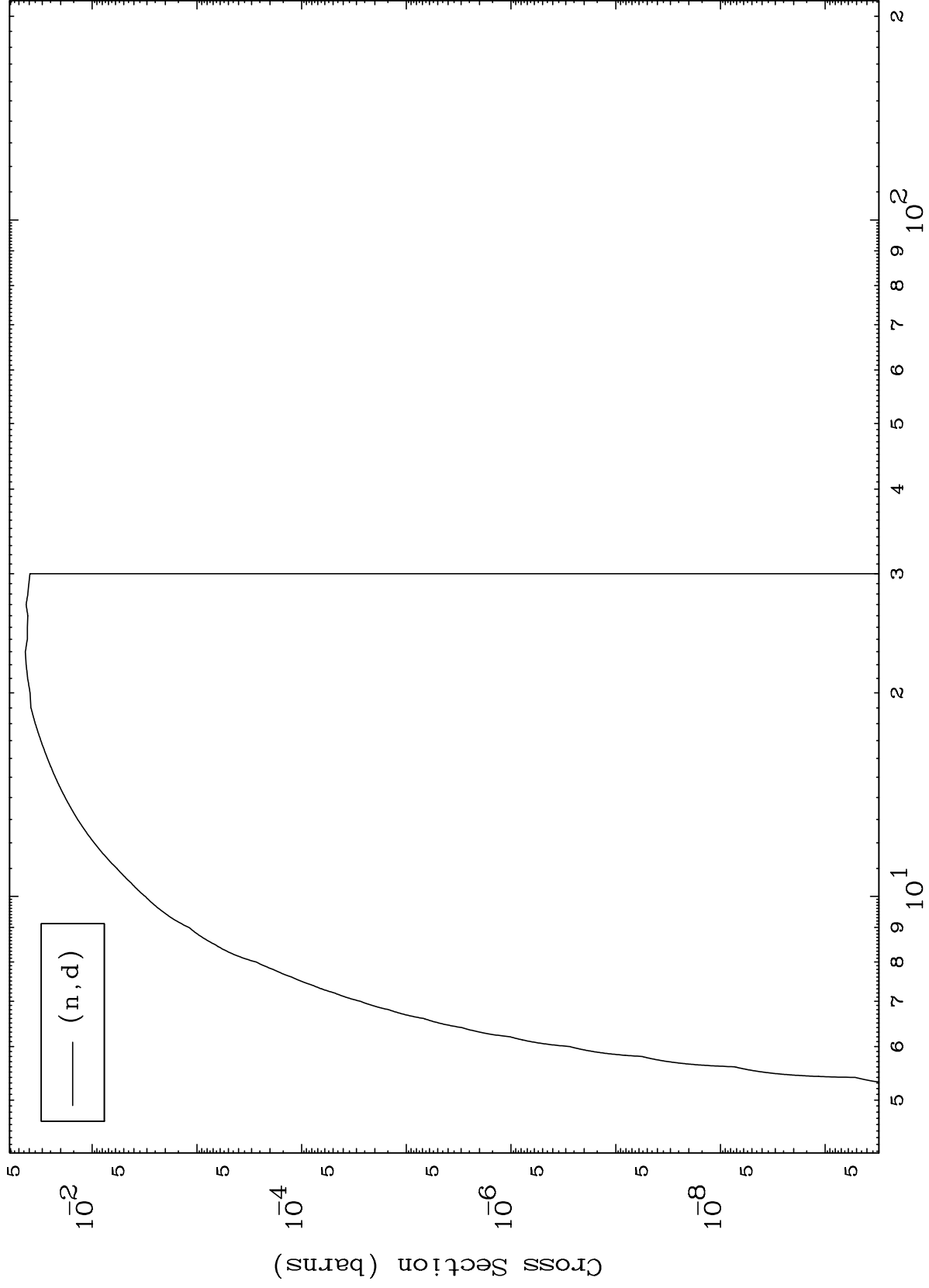
25-Mn-52



MAT 2516

(n,d) Levels  
293 Kelvin Cross Sections

25-Mn-52



(n,d)

Incident Energy (MeV)

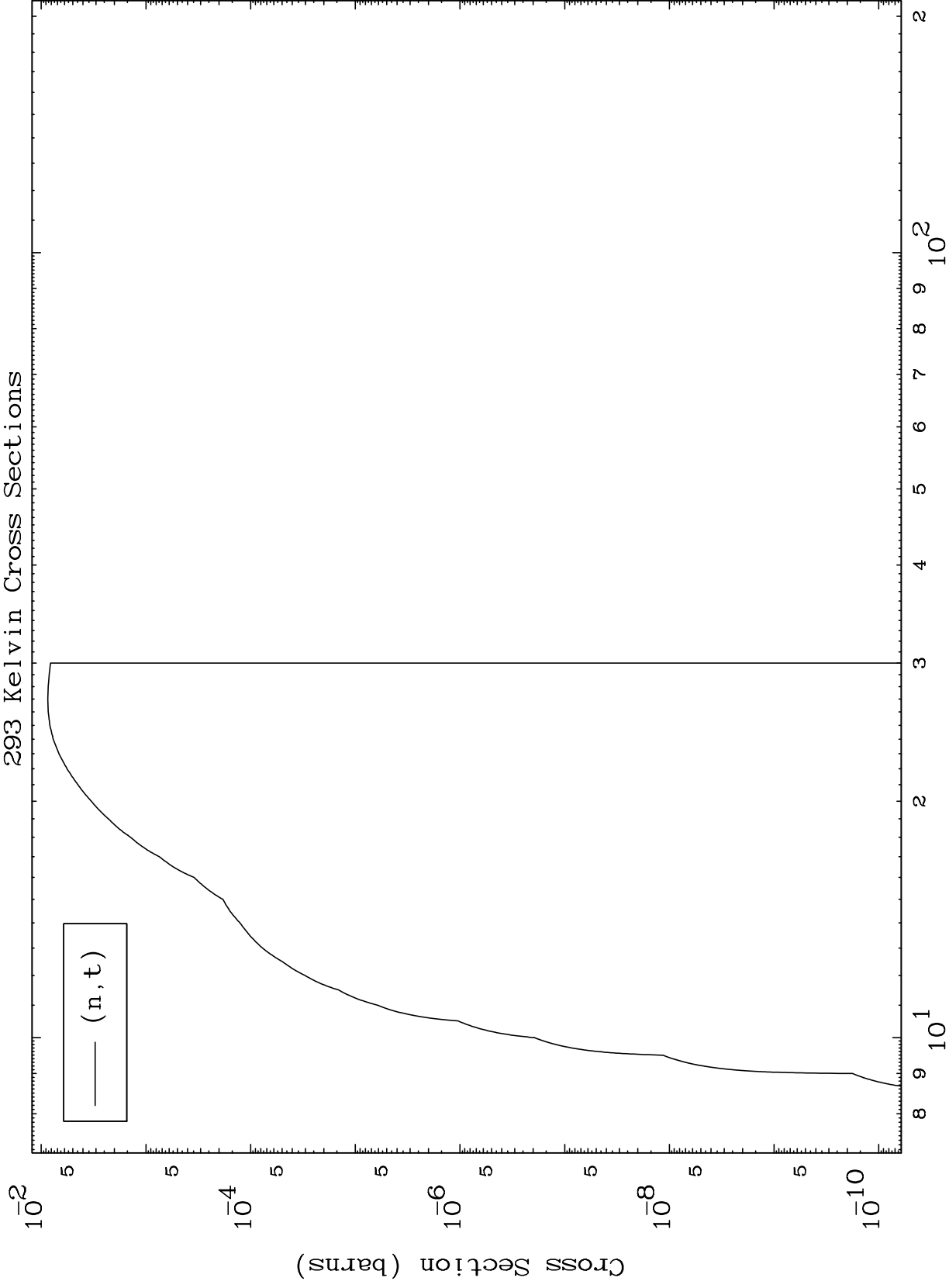
25-Mn-52

12

MAT 2516

(n,t) Levels  
293 Kelvin Cross Sections

25-Mn-52



13

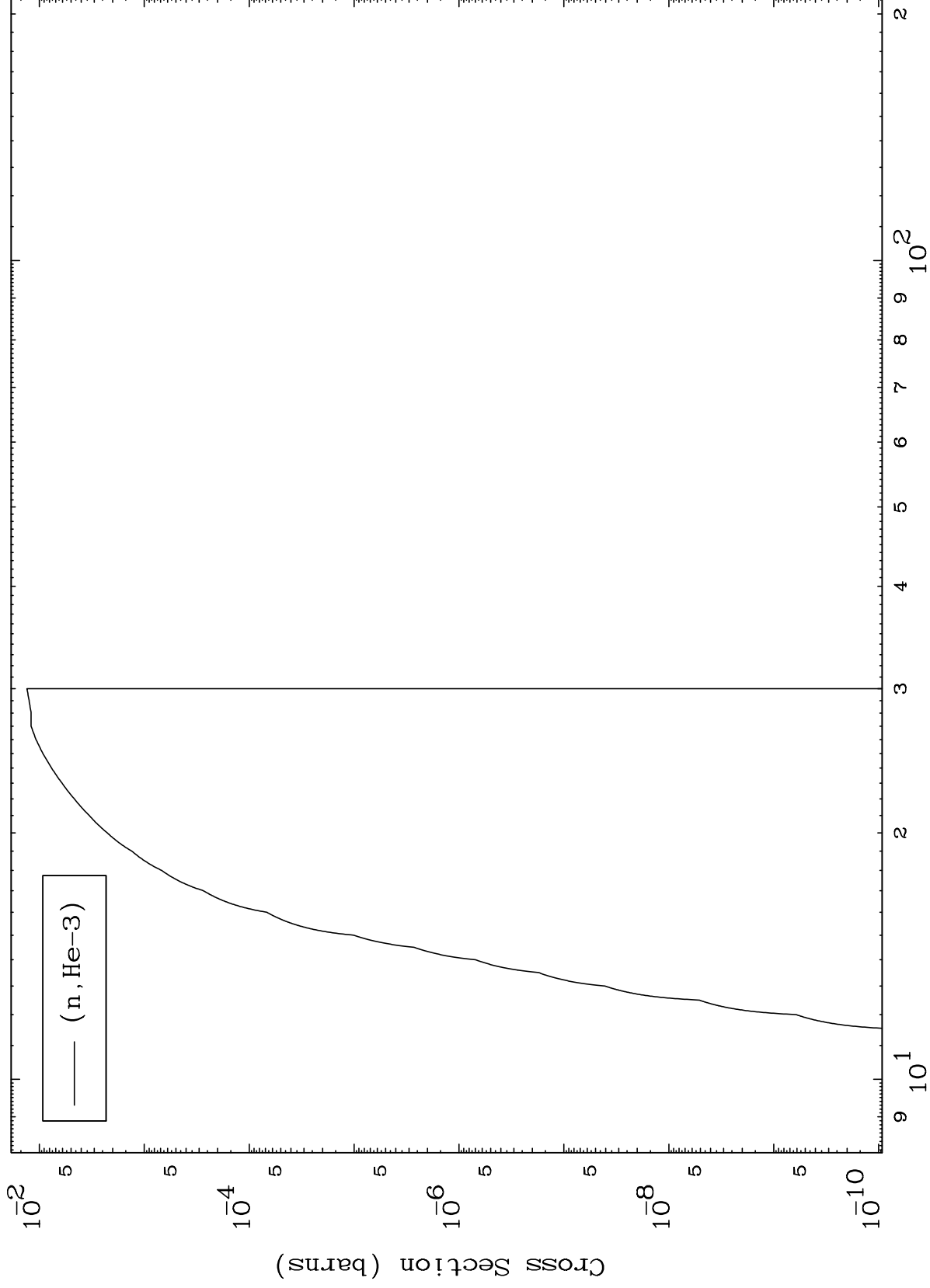
Incident Energy (MeV)

25-Mn-52

MAT 2516

(n,He3) Levels  
293 Kelvin Cross Sections

25-Mn-52



14

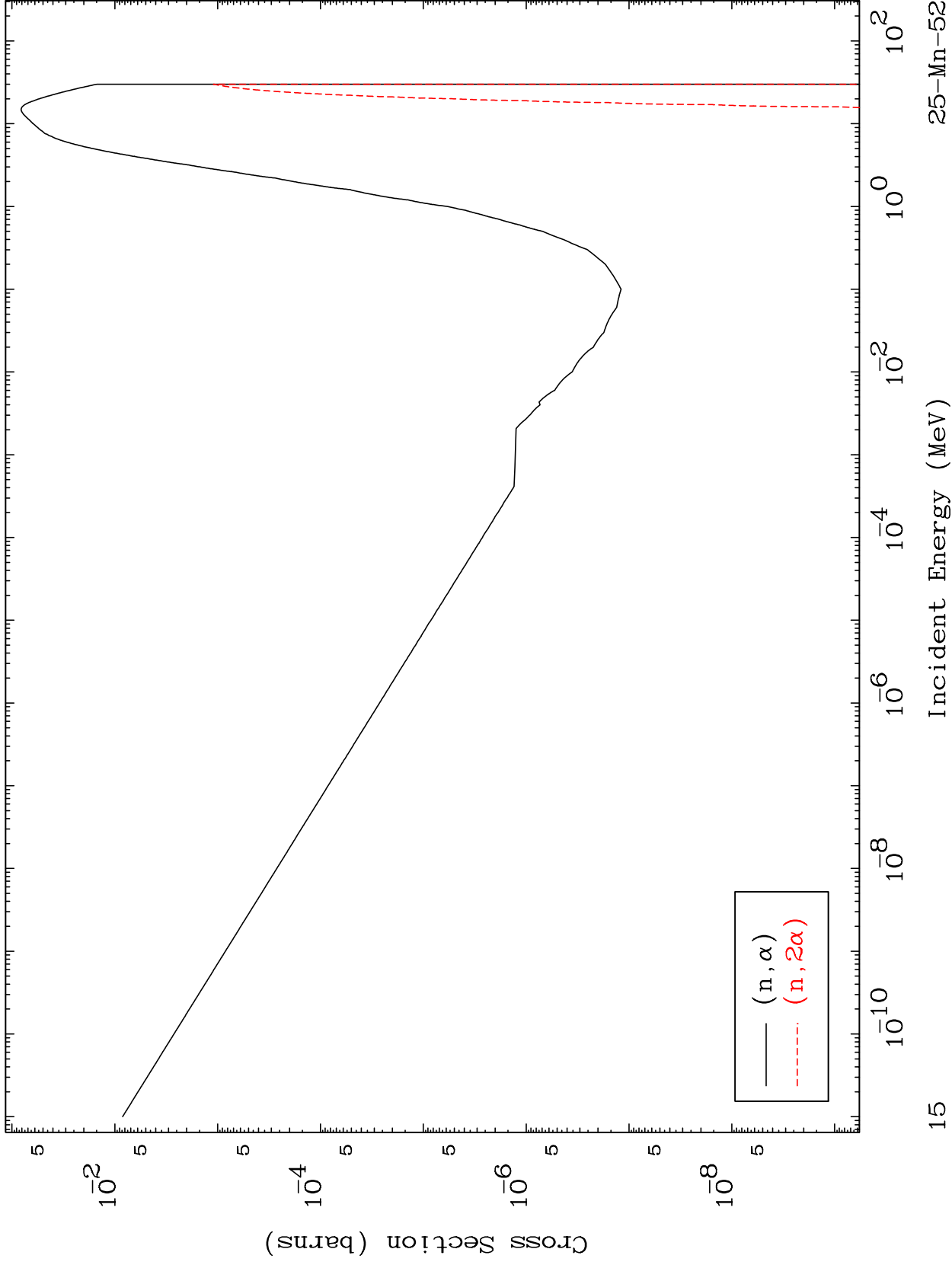
Incident Energy (MeV)

25-Mn-52

MAT 2516

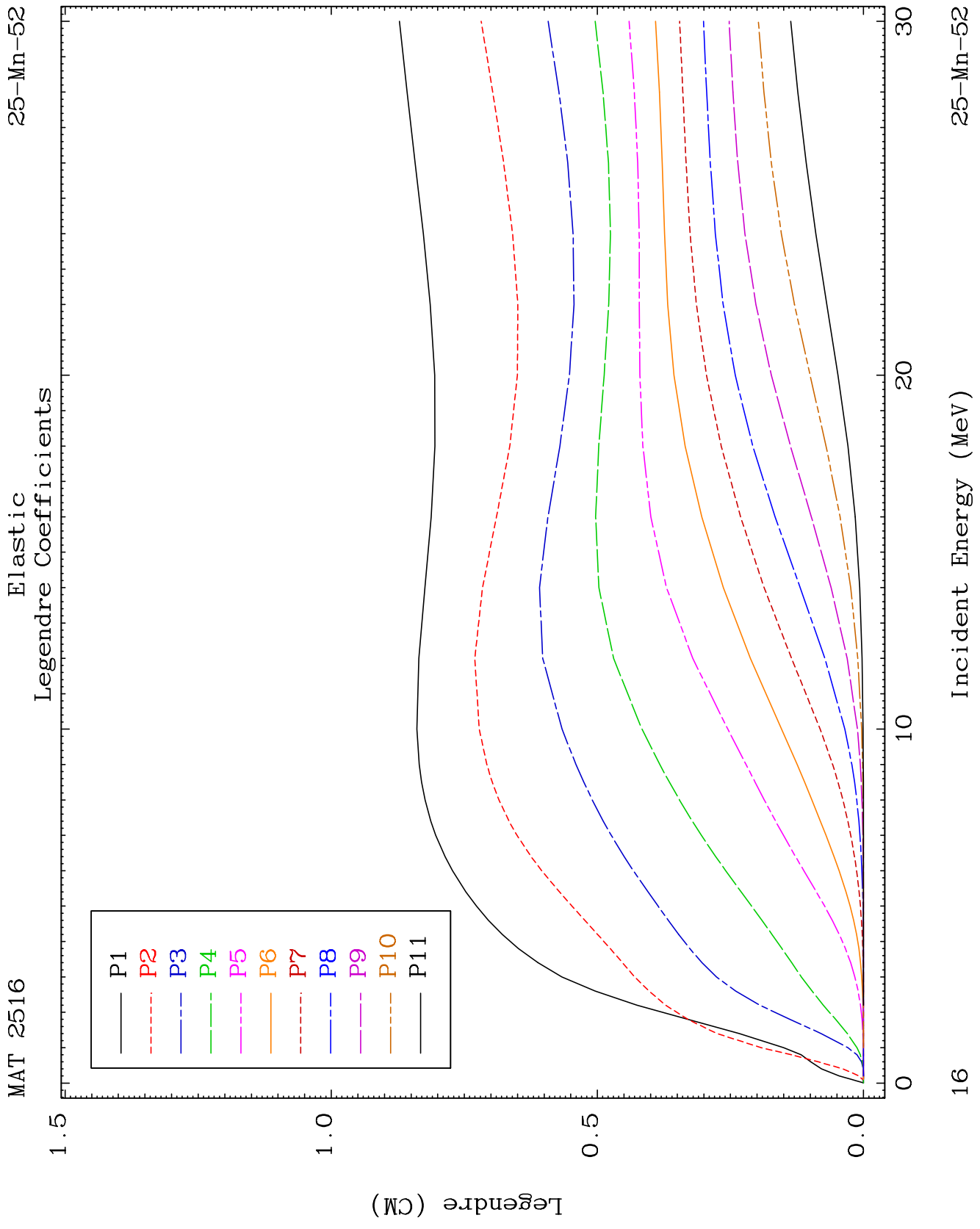
(n,α) Levels  
293 Kelvin Cross Sections

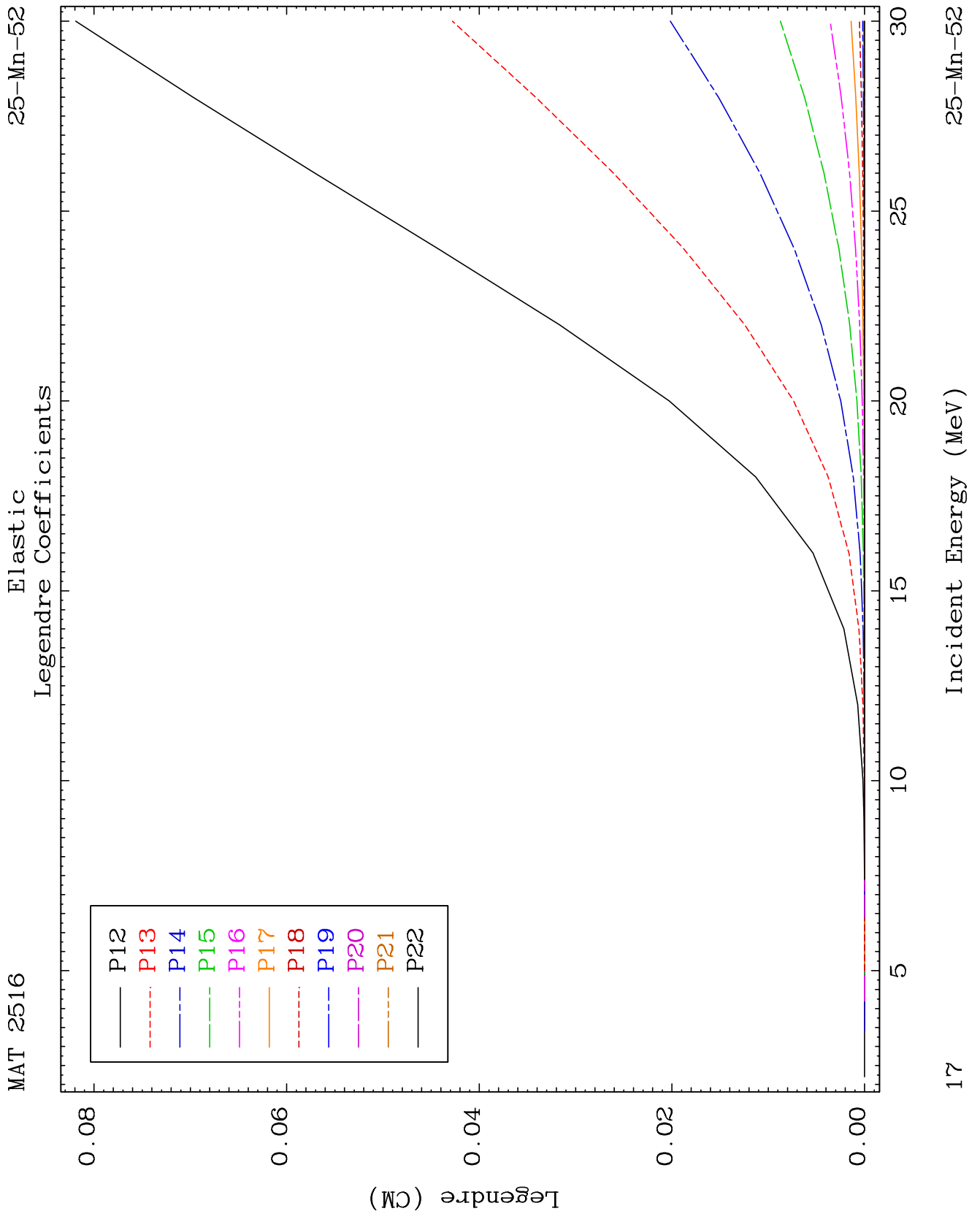
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15



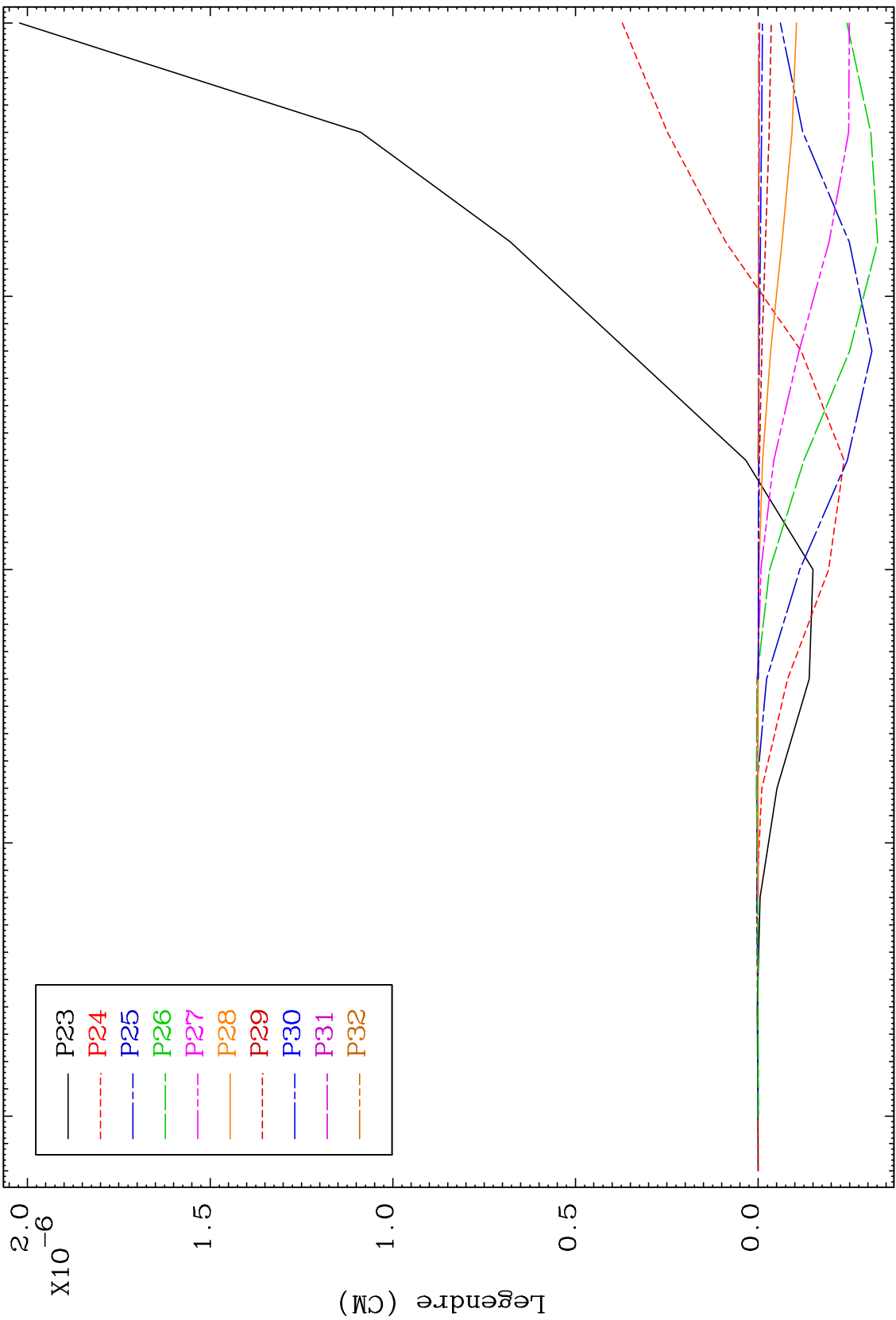




MAT 2516

Elastic Legendre Coefficients

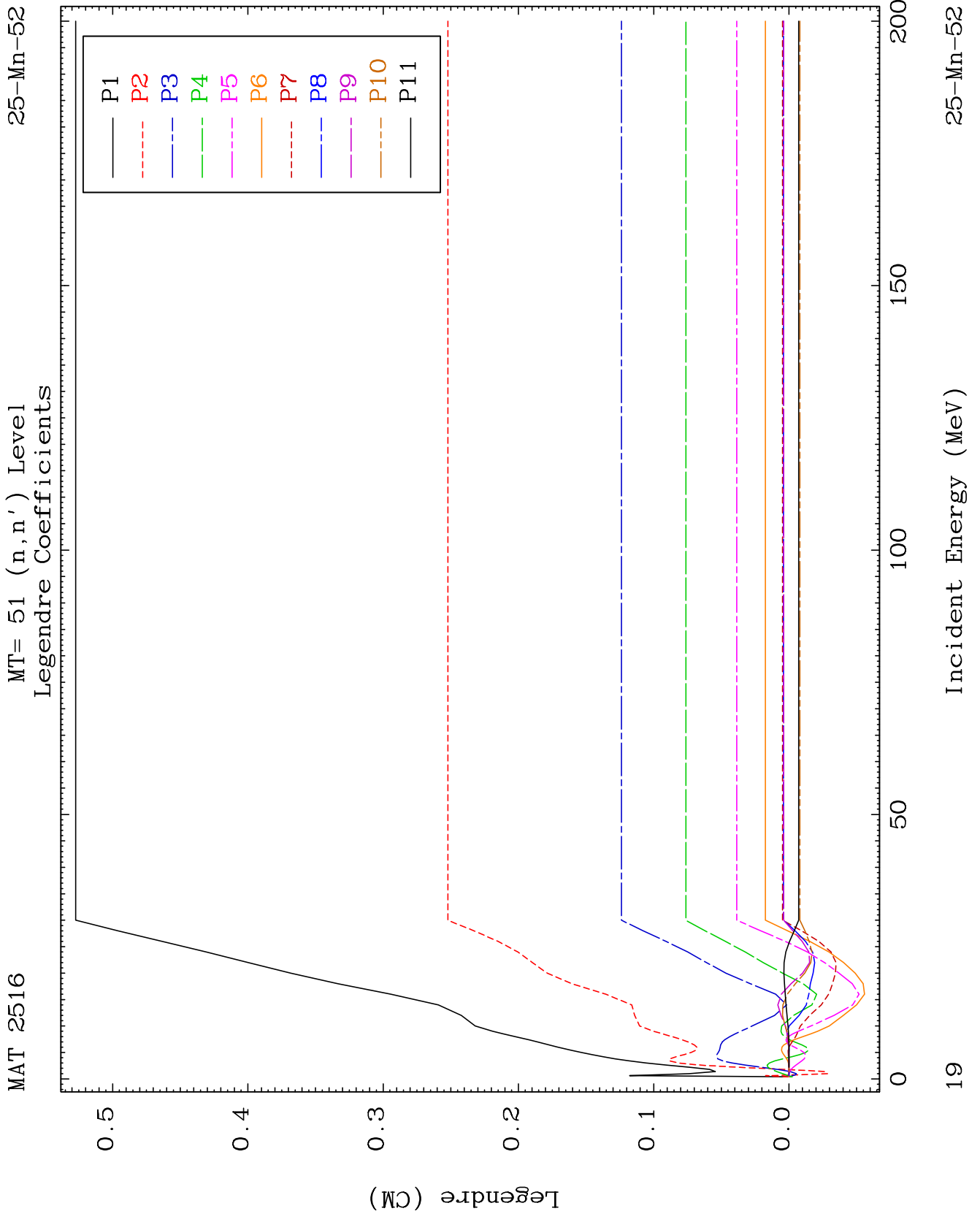
25-Mn-52



18

Incident Energy (MeV)

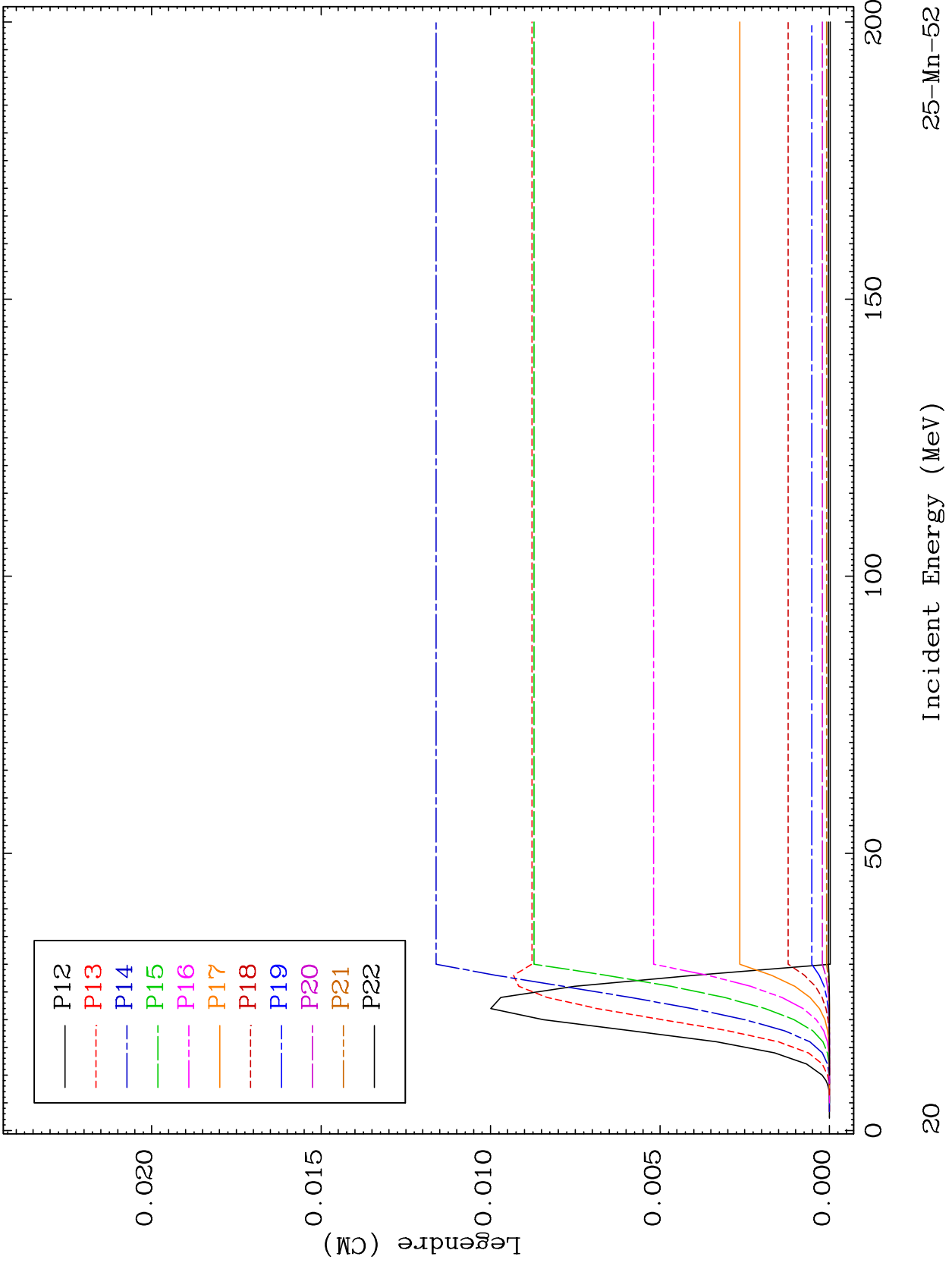
25-Mn-52



MAT 2516

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

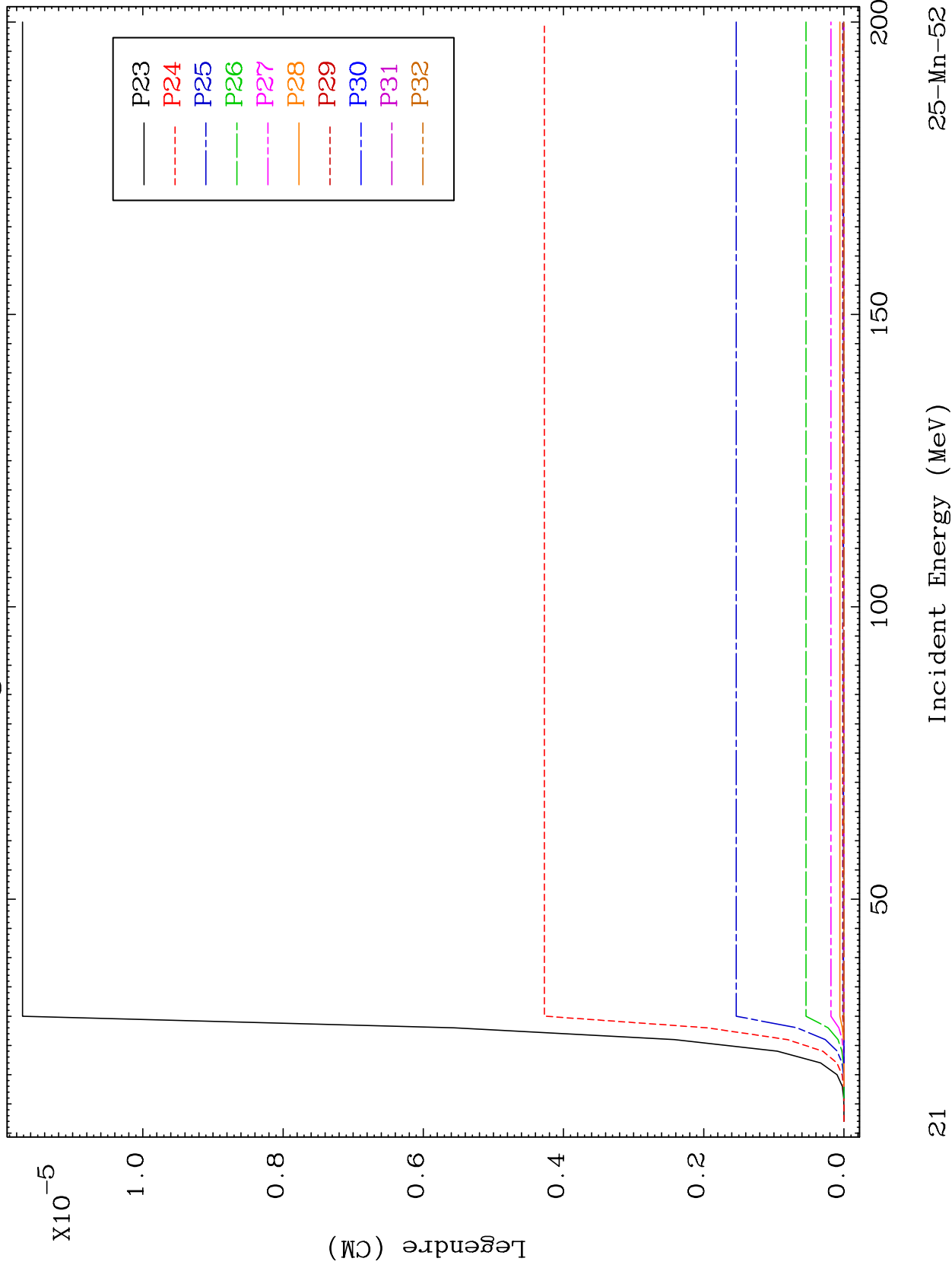
25-Mn-52



MAT 2516

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

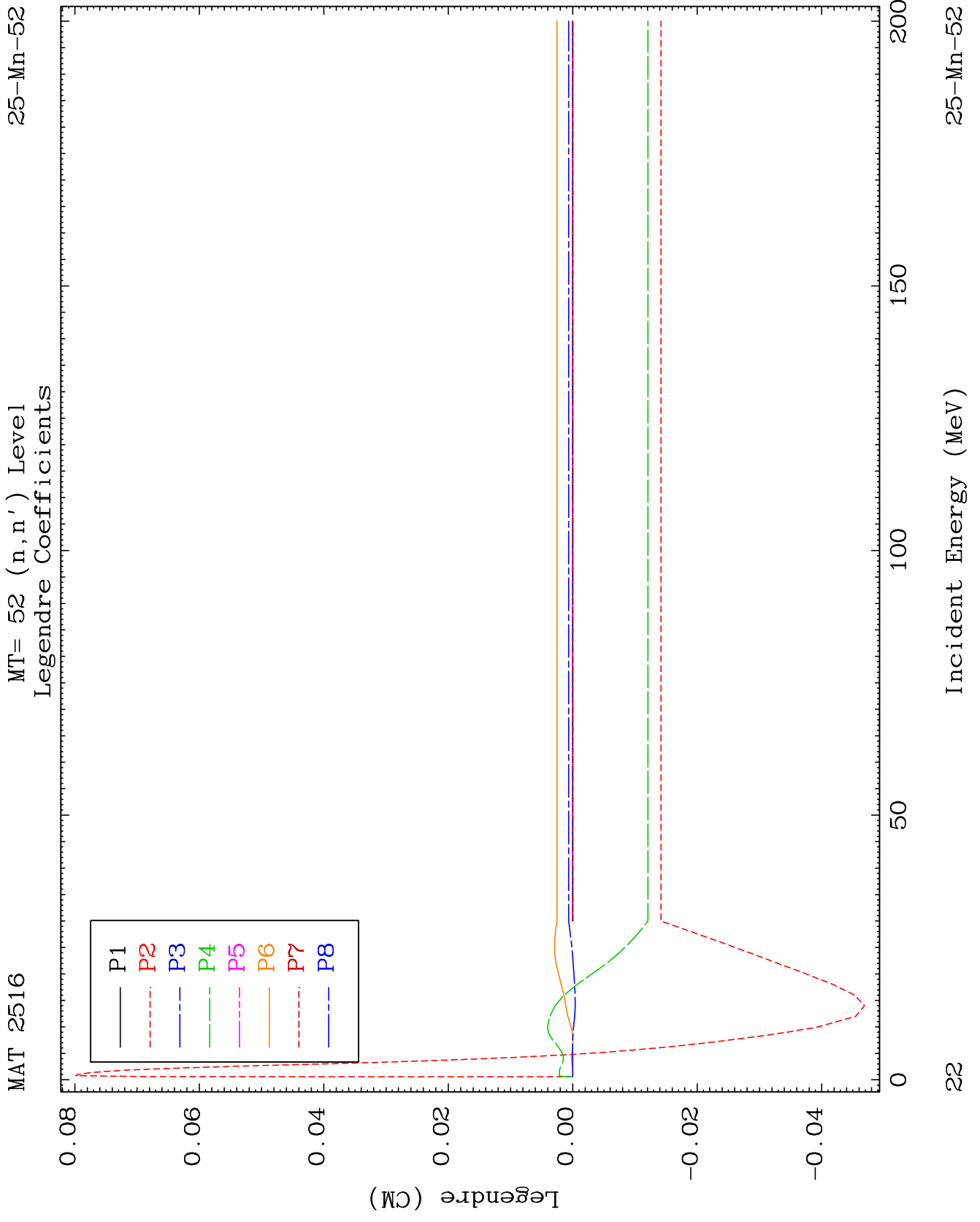
25-Mn-52



21

Incident Energy (MeV)

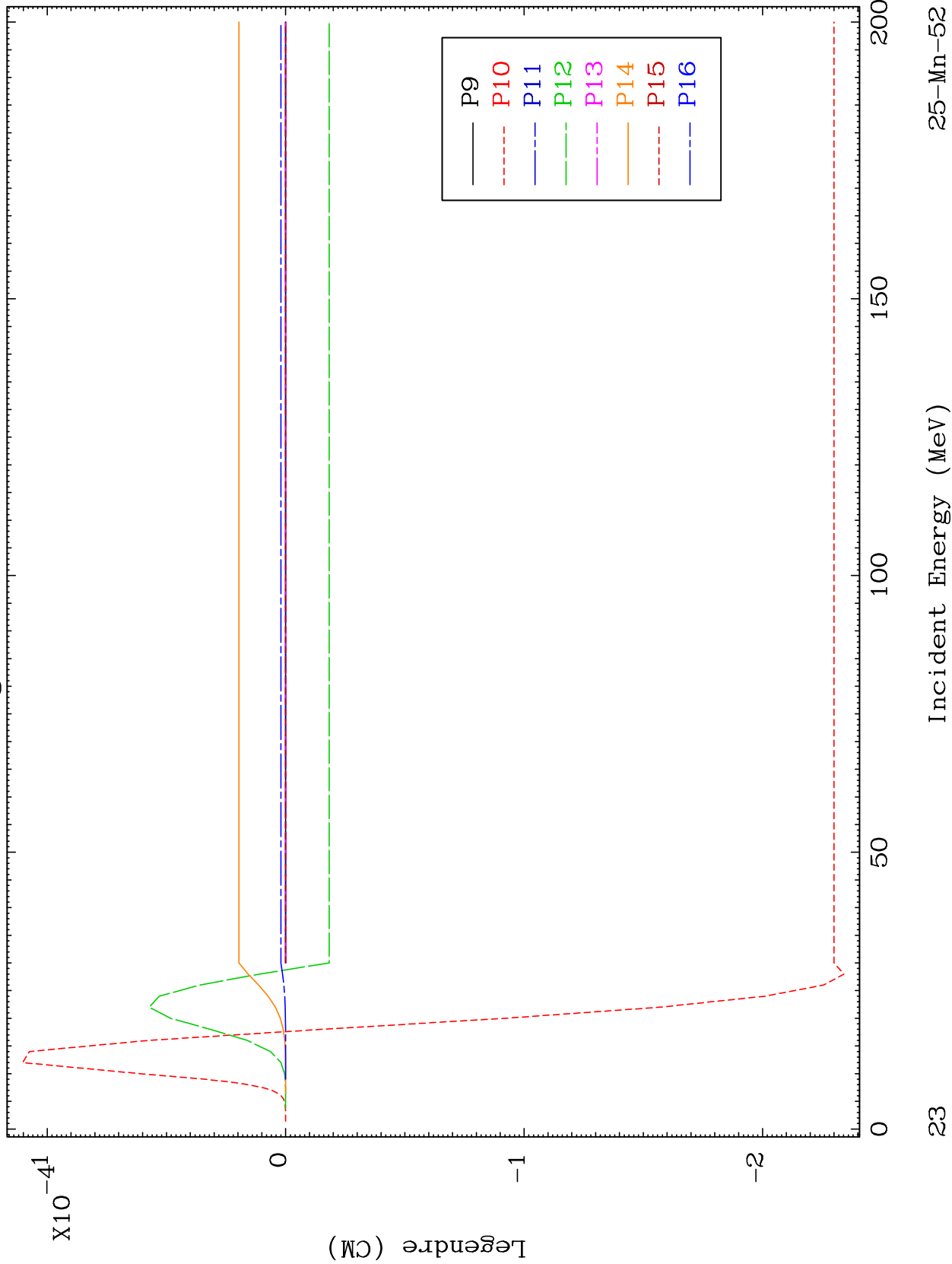
25-Mn-52



MAT 2516

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

25-Mn-52



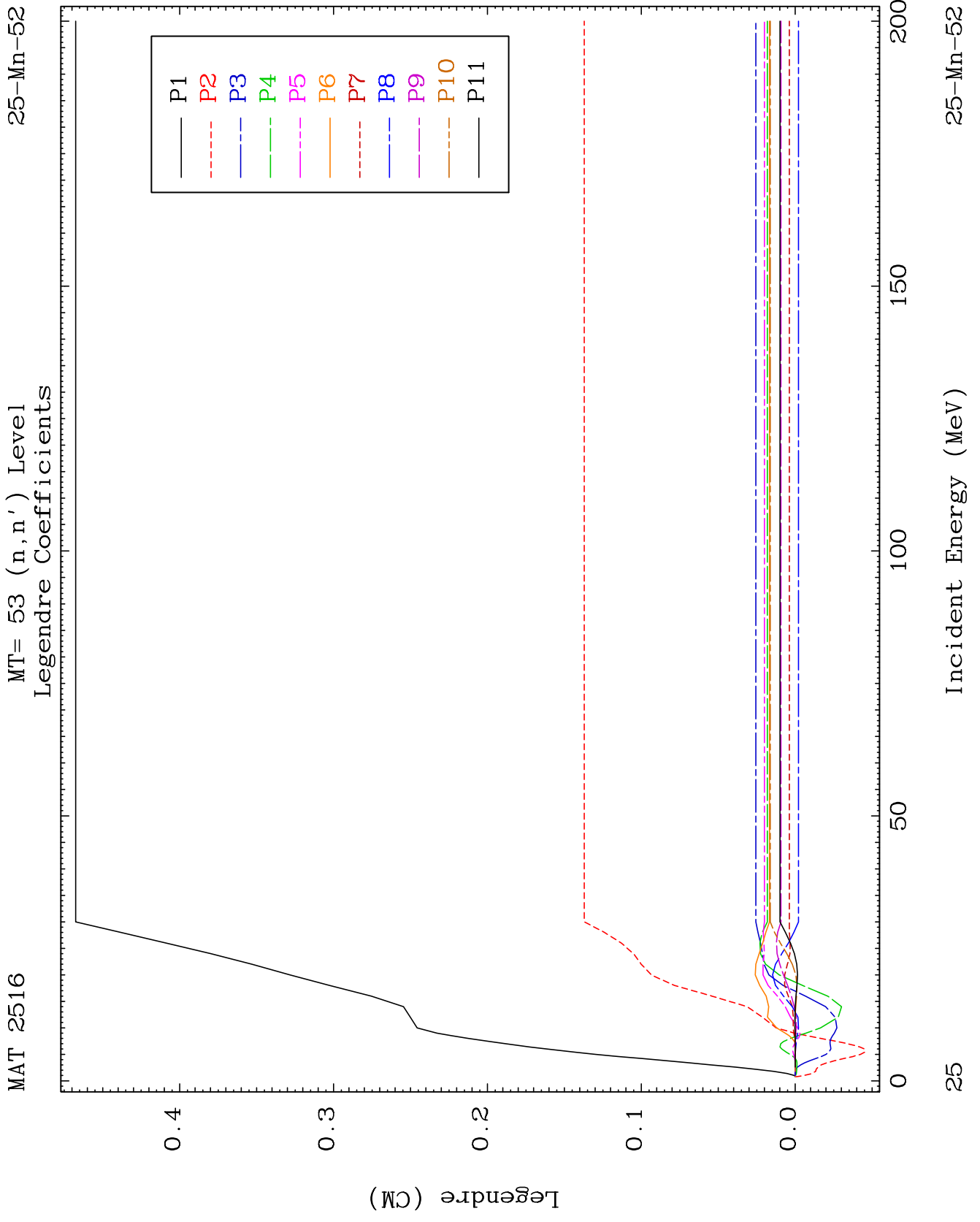
23

Incident Energy (MeV)

25-Mn-52



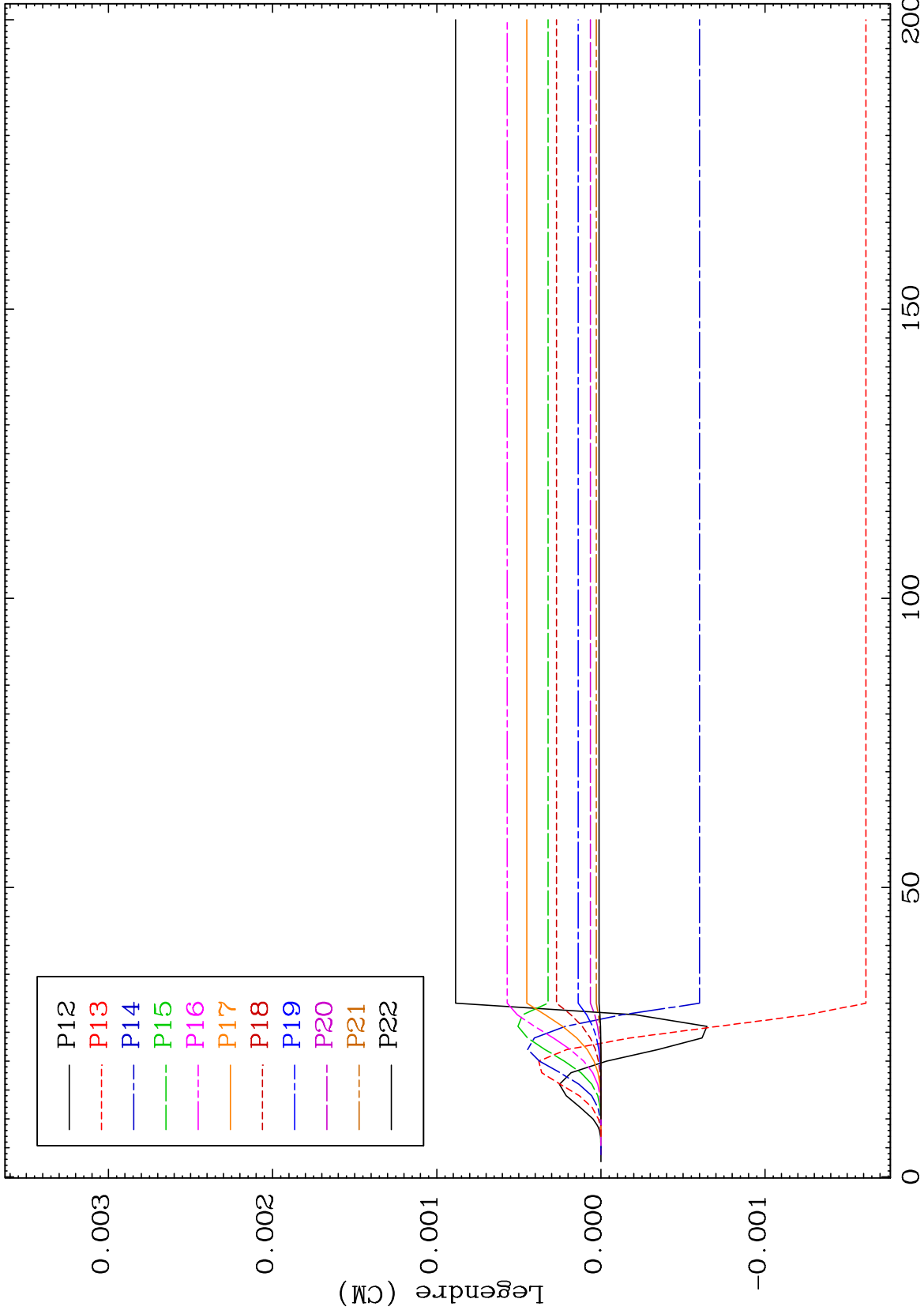




MAT 2516

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

25-Mn-52



26

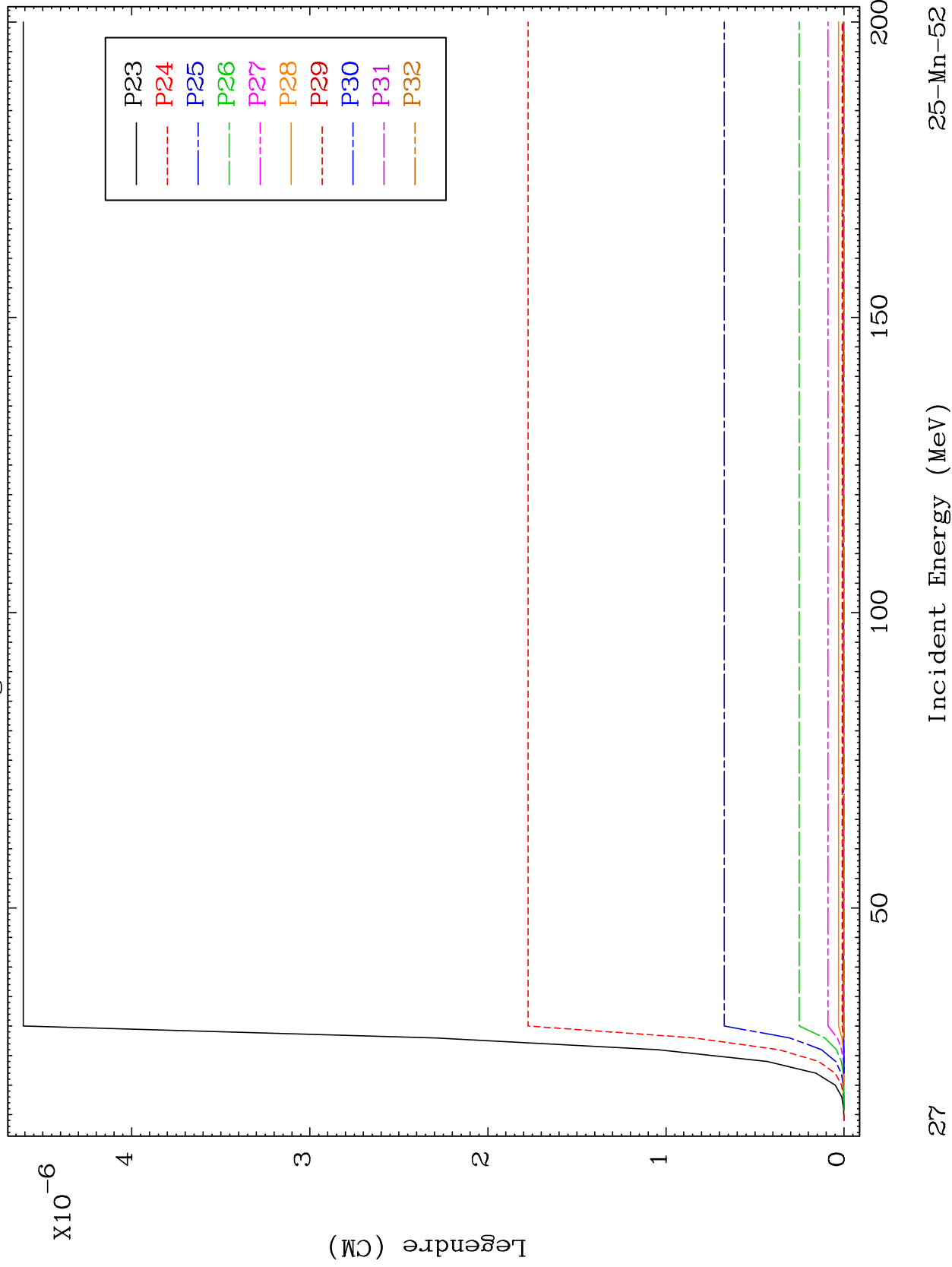
Incident Energy (MeV)

25-Mn-52

MAT 2516

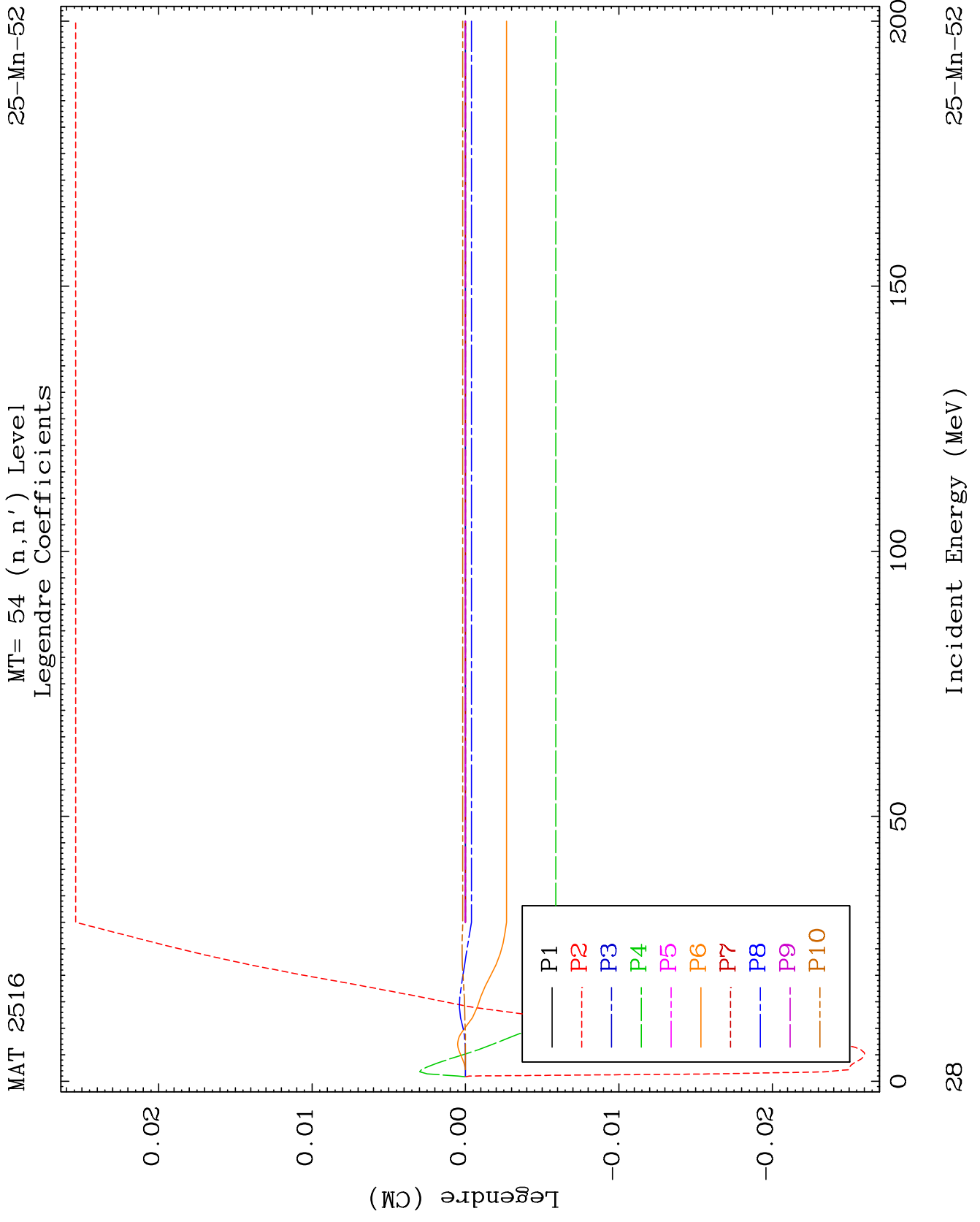
MT= 53 (n,n') Level  
Legendre Coefficients

25-Mn-52



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25-Mn-52

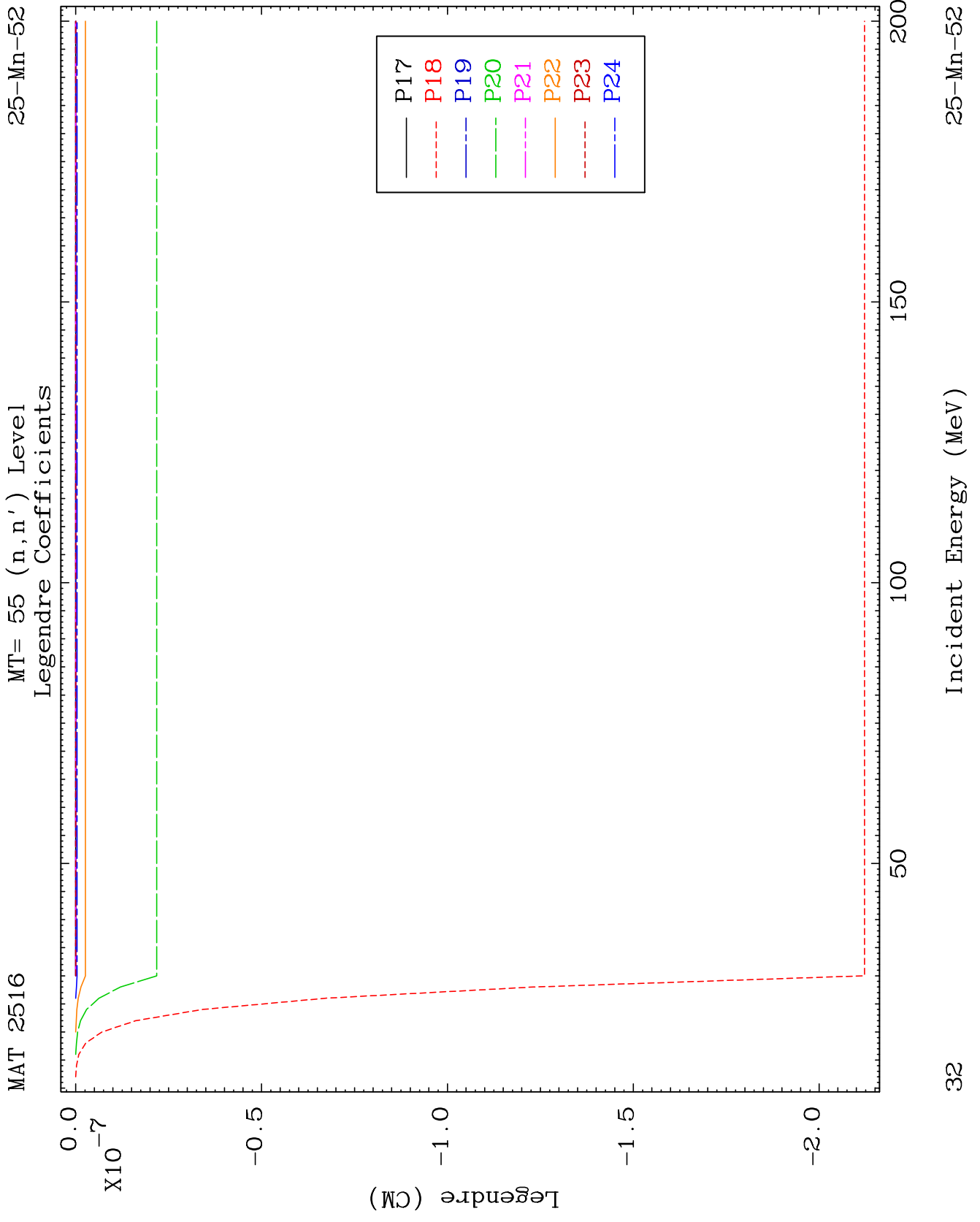


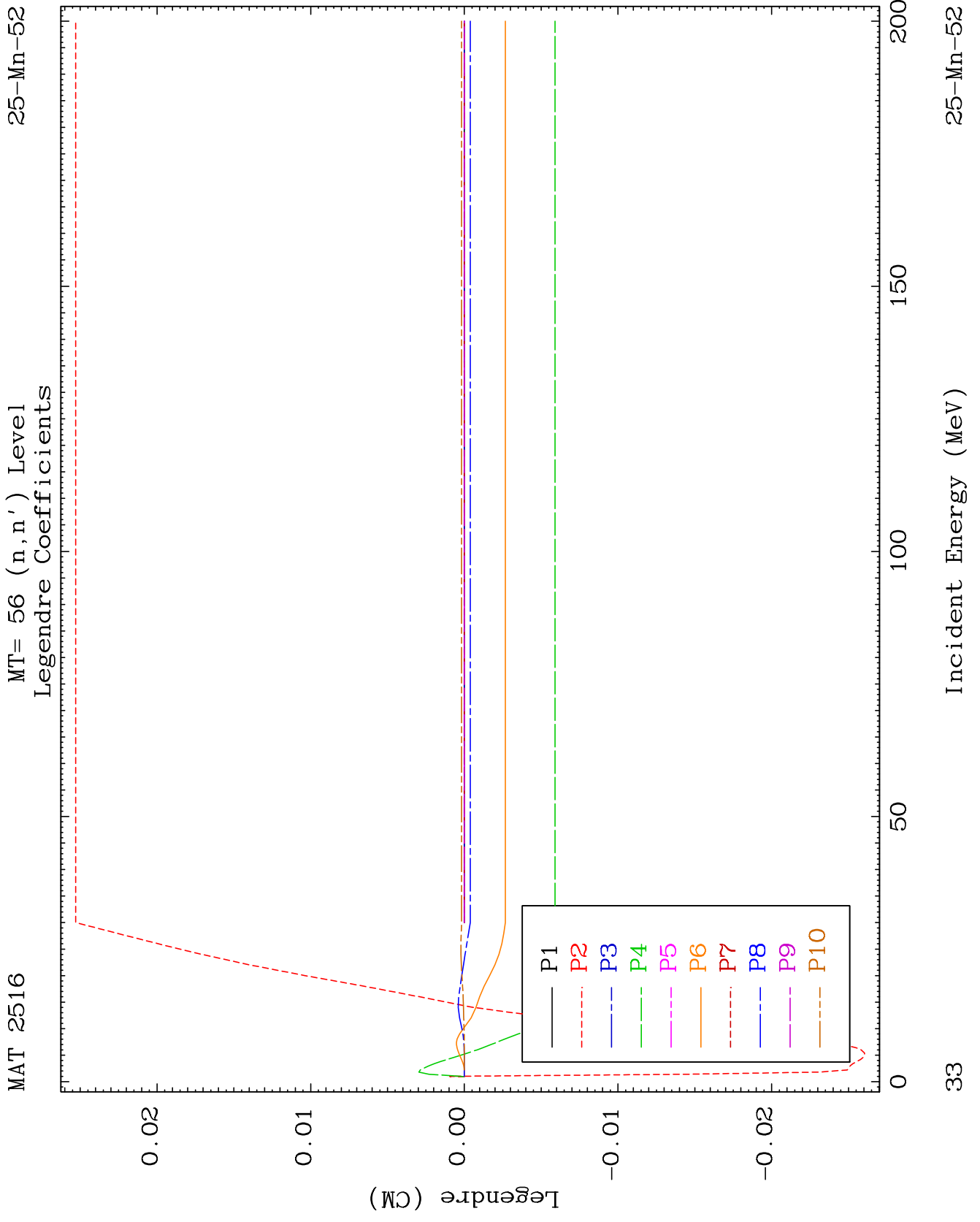


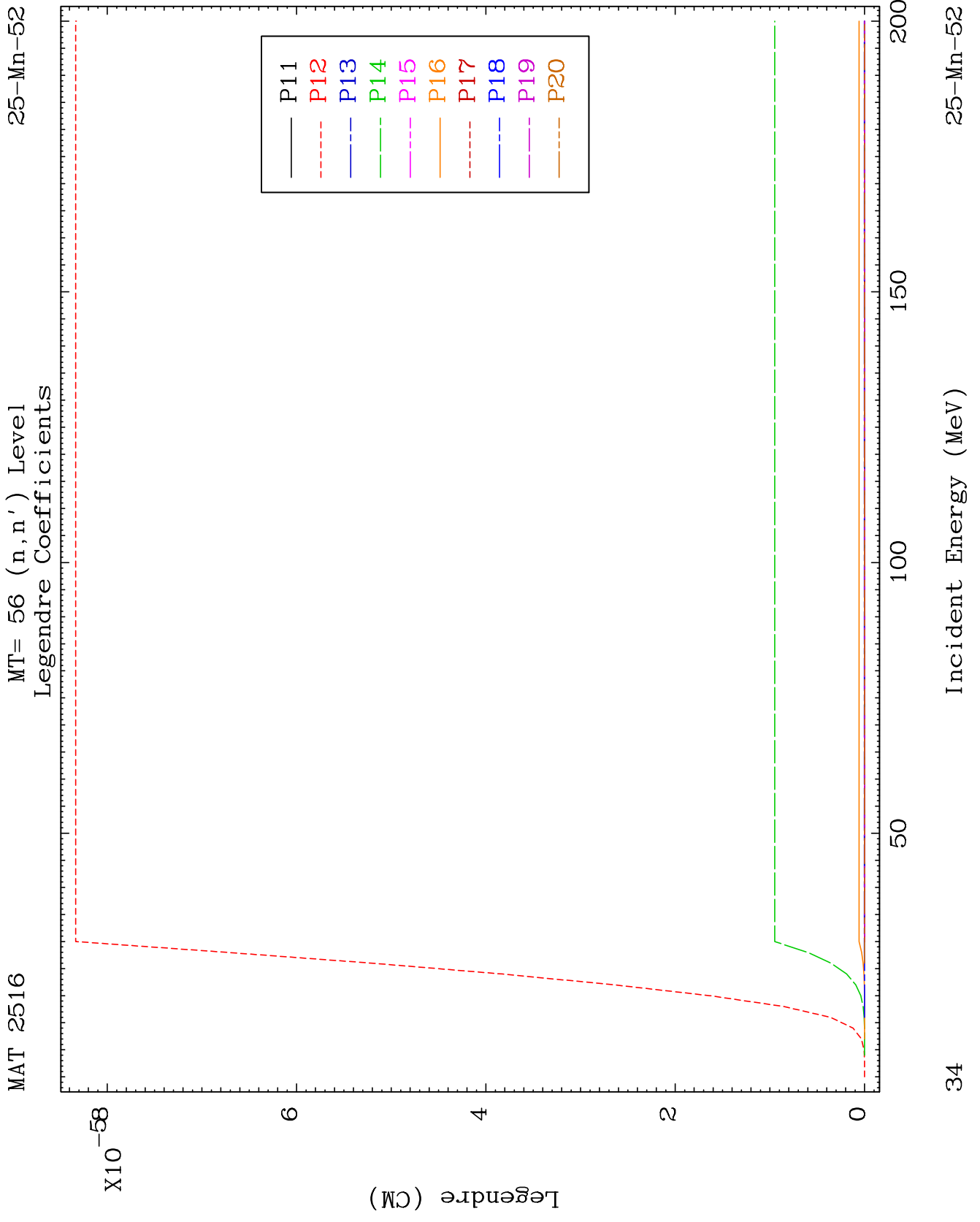










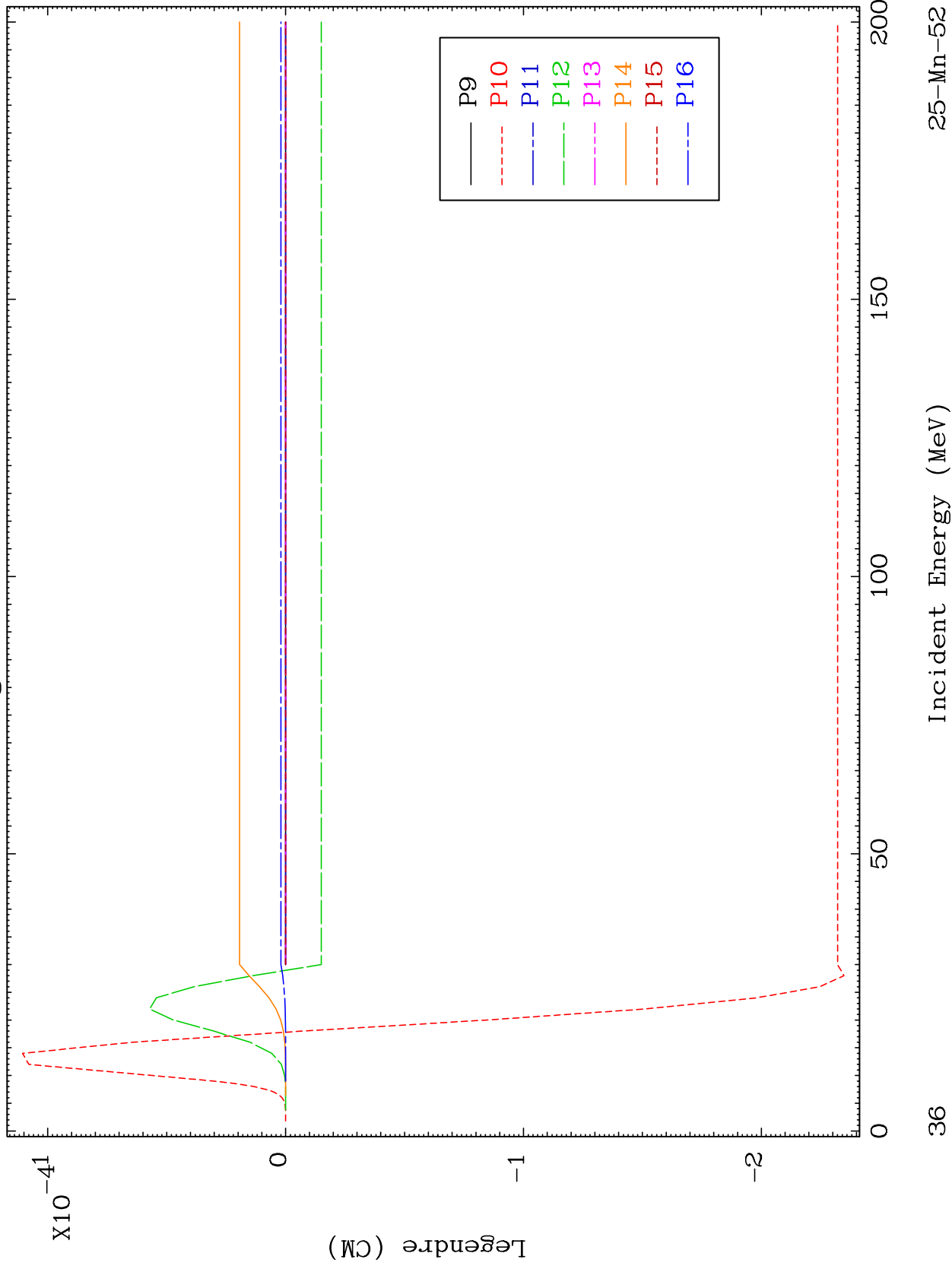




MAT 2516

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

25-Mn-52

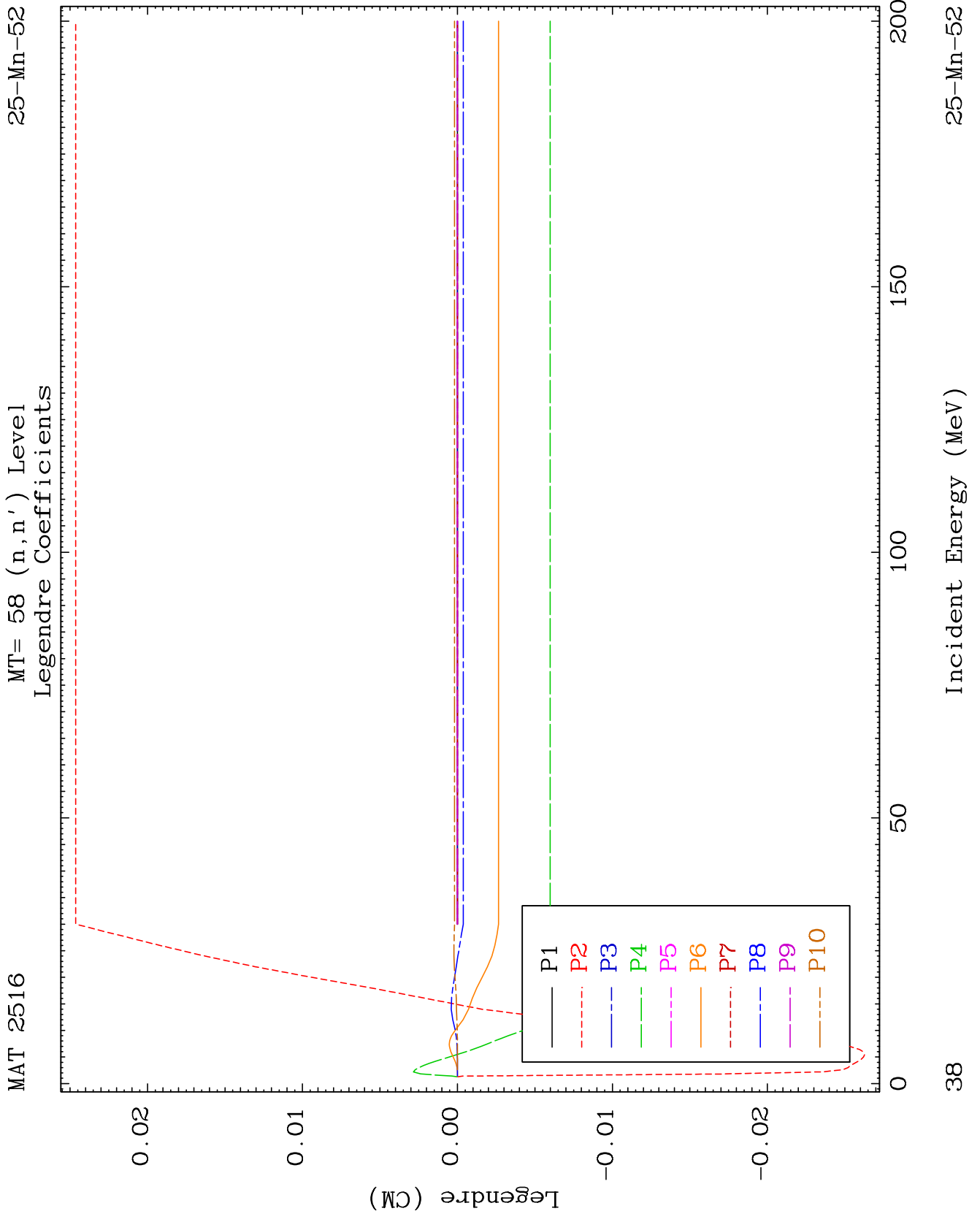


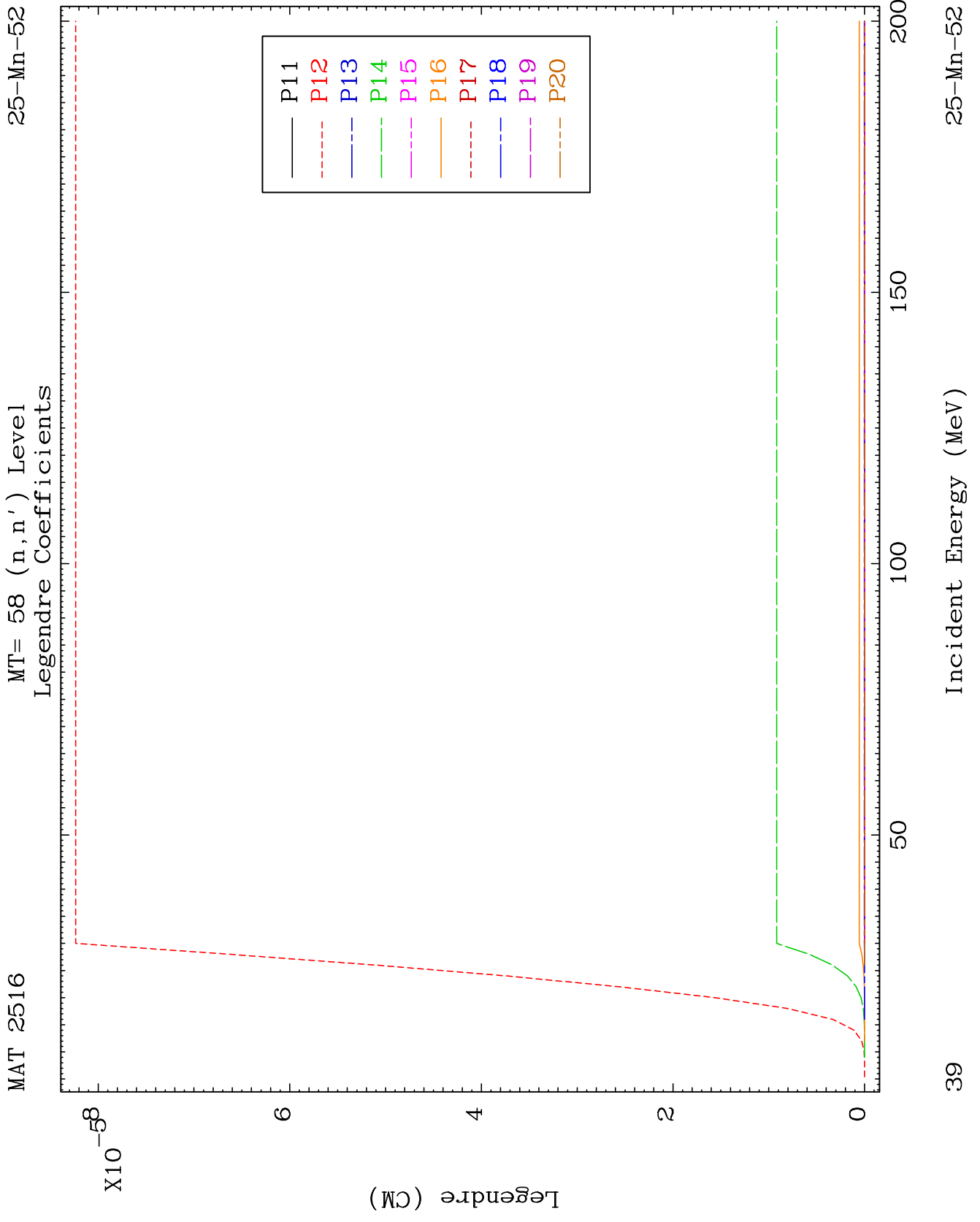
36

Incident Energy (MeV)

25-Mn-52

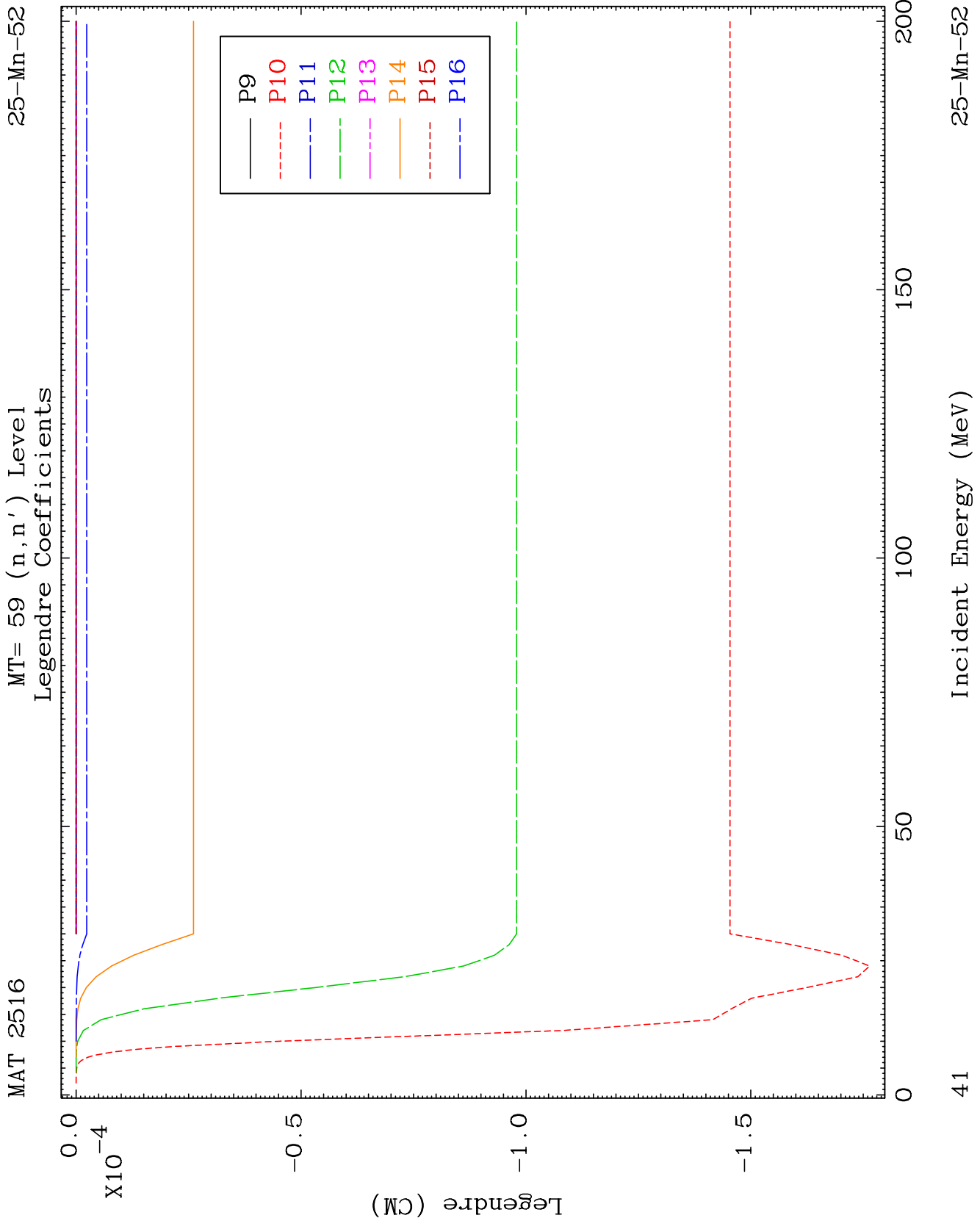


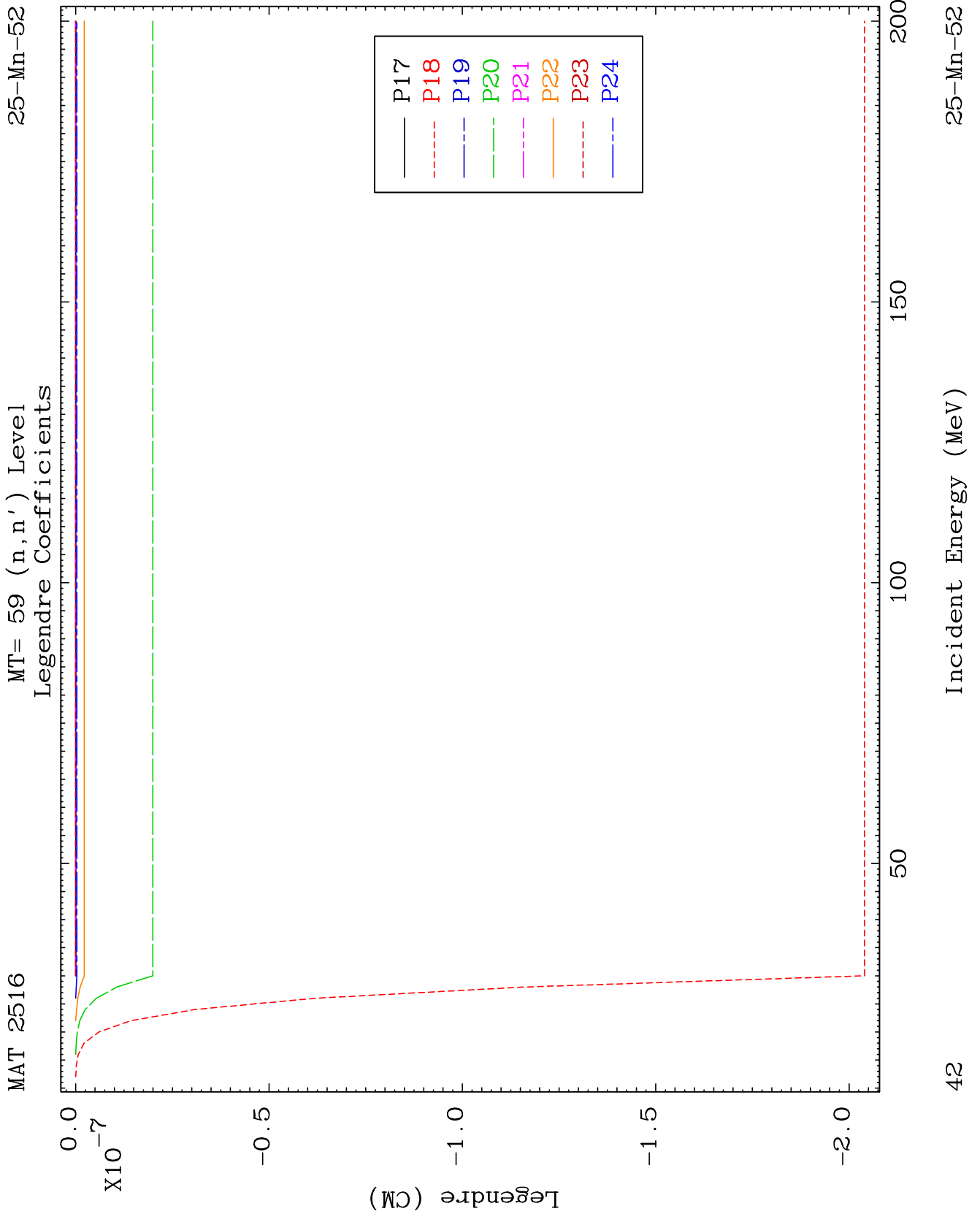


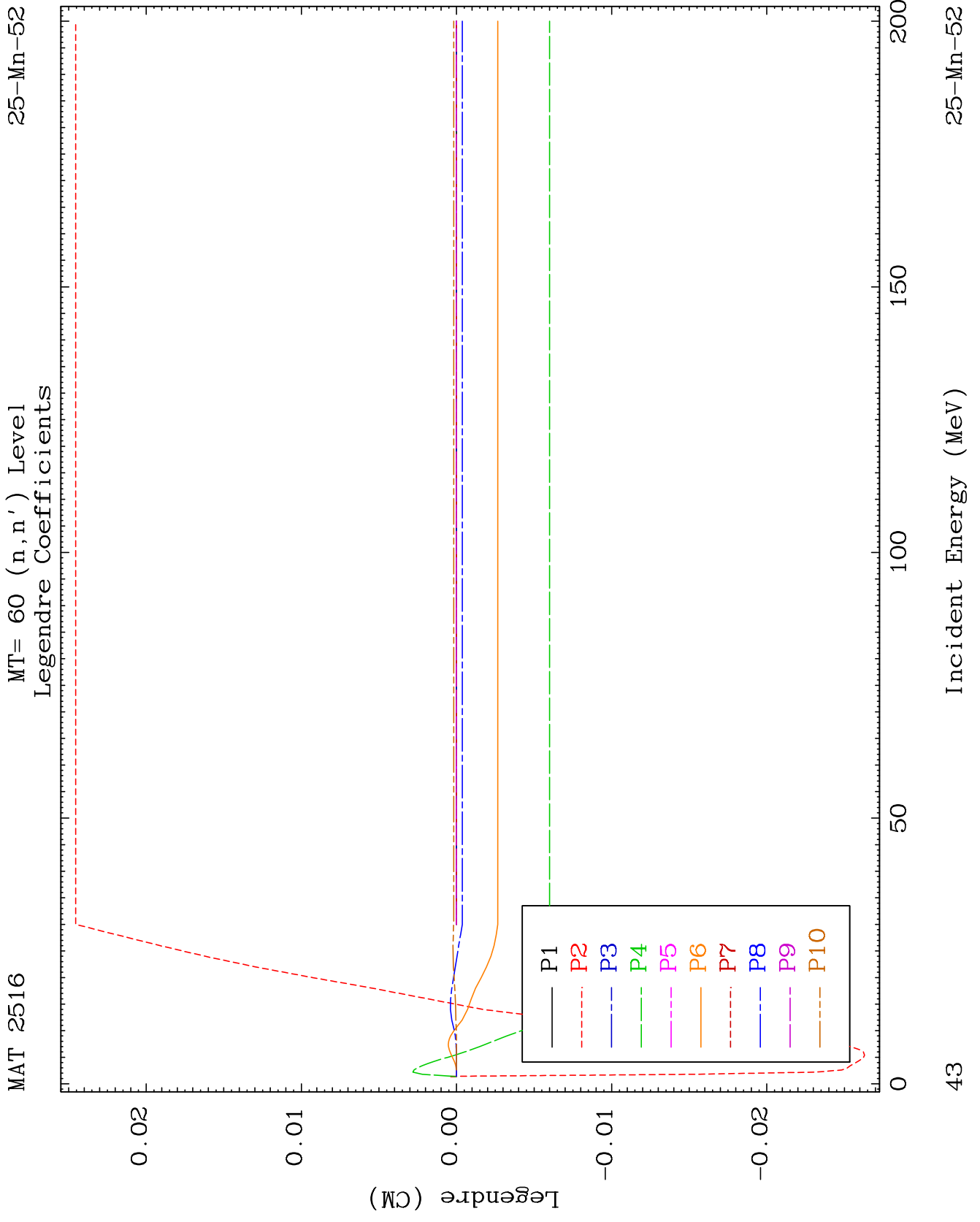


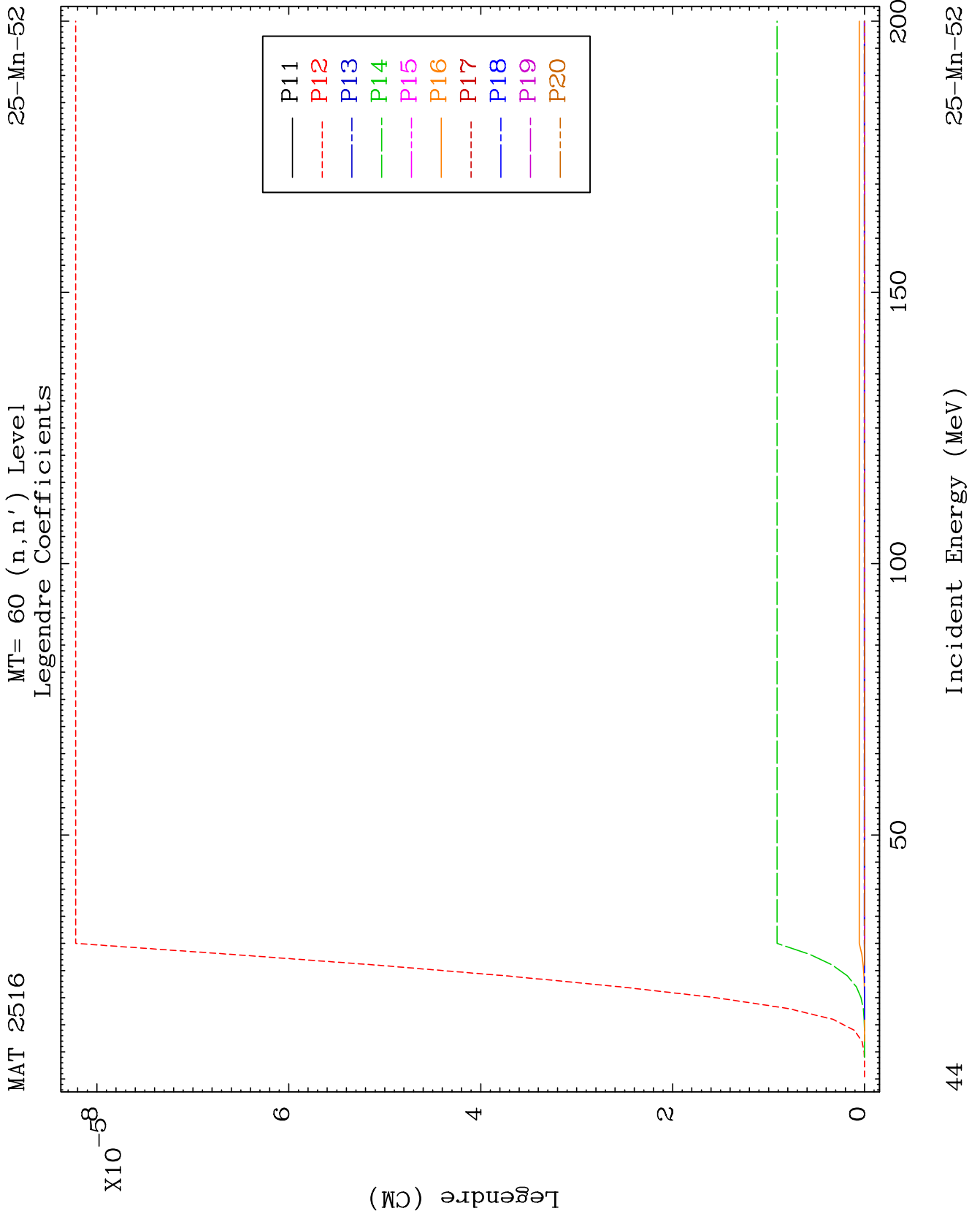








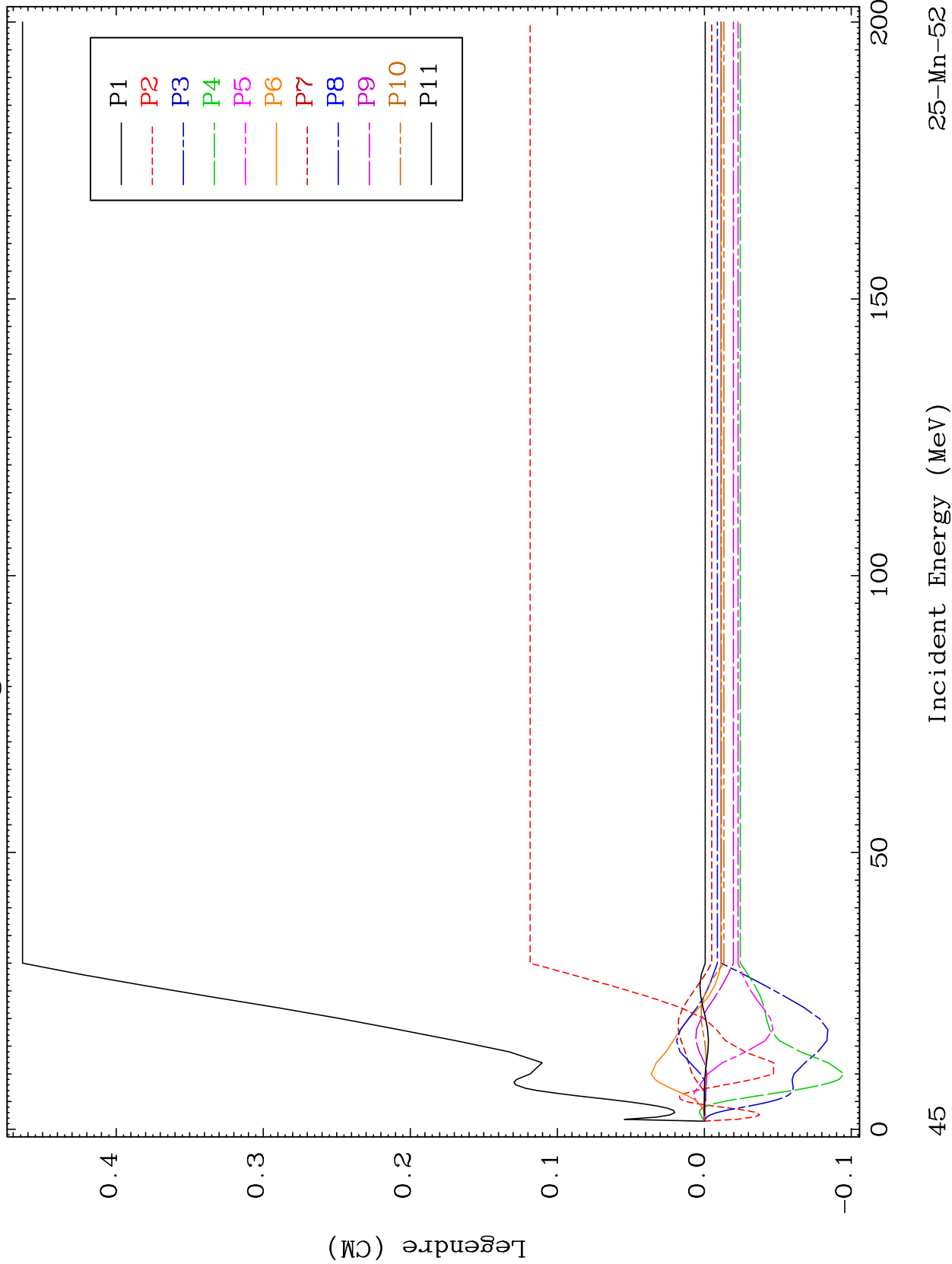




MAT 2516

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

25-Mn-52



25-Mn-52

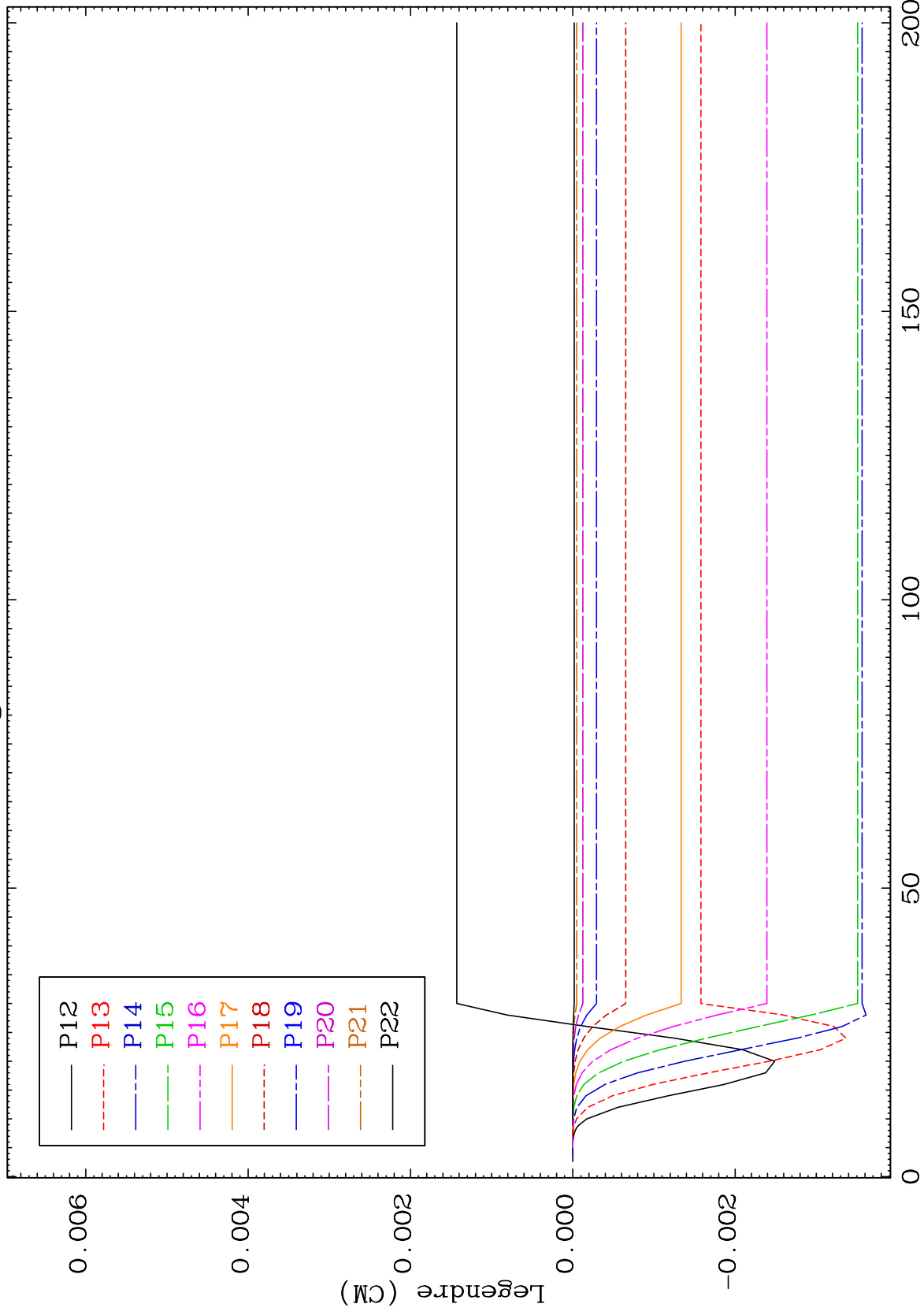
Incident Energy (MeV)

45

MAT 2516

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

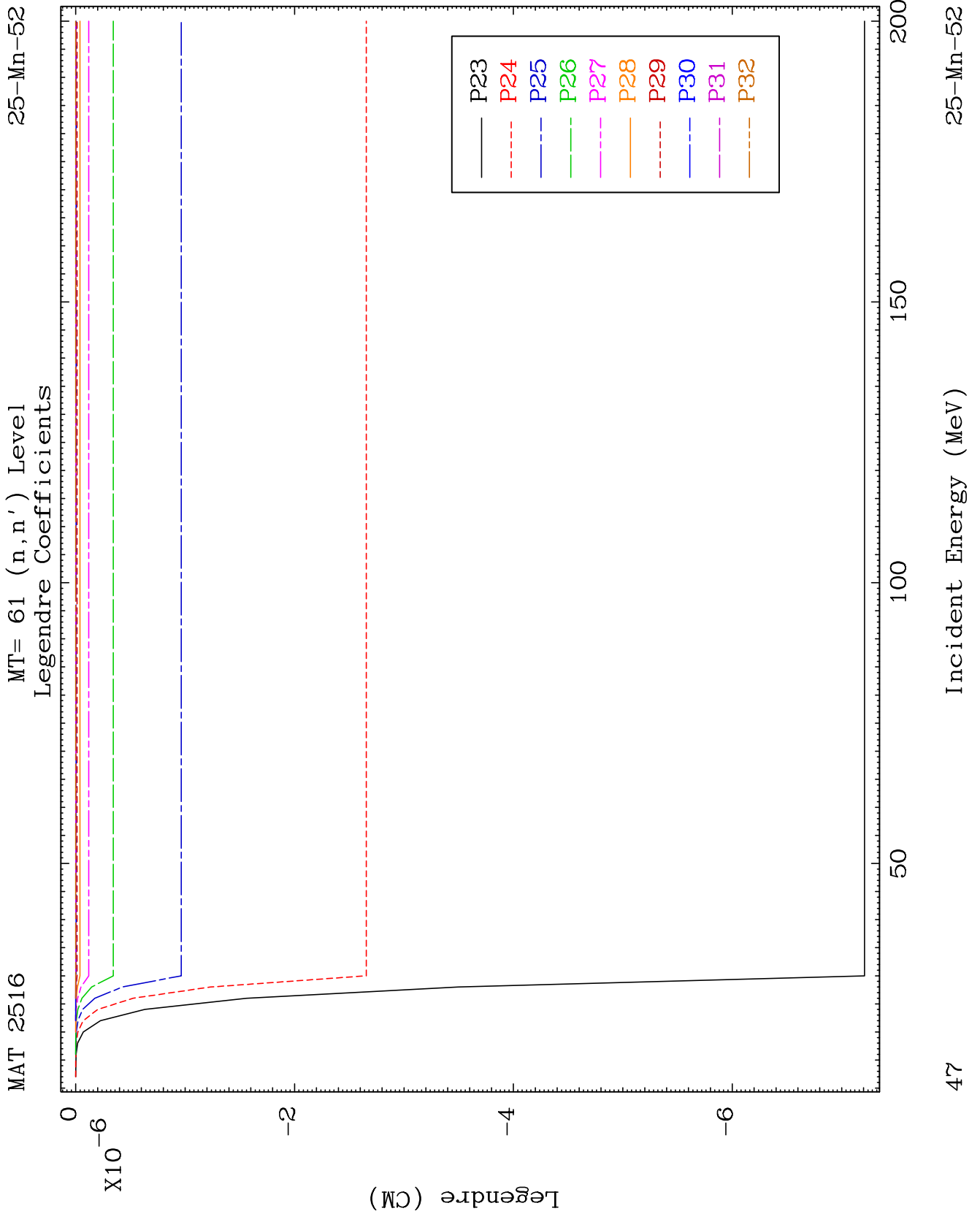
25-Mn-52



46

Incident Energy (MeV)

25-Mn-52

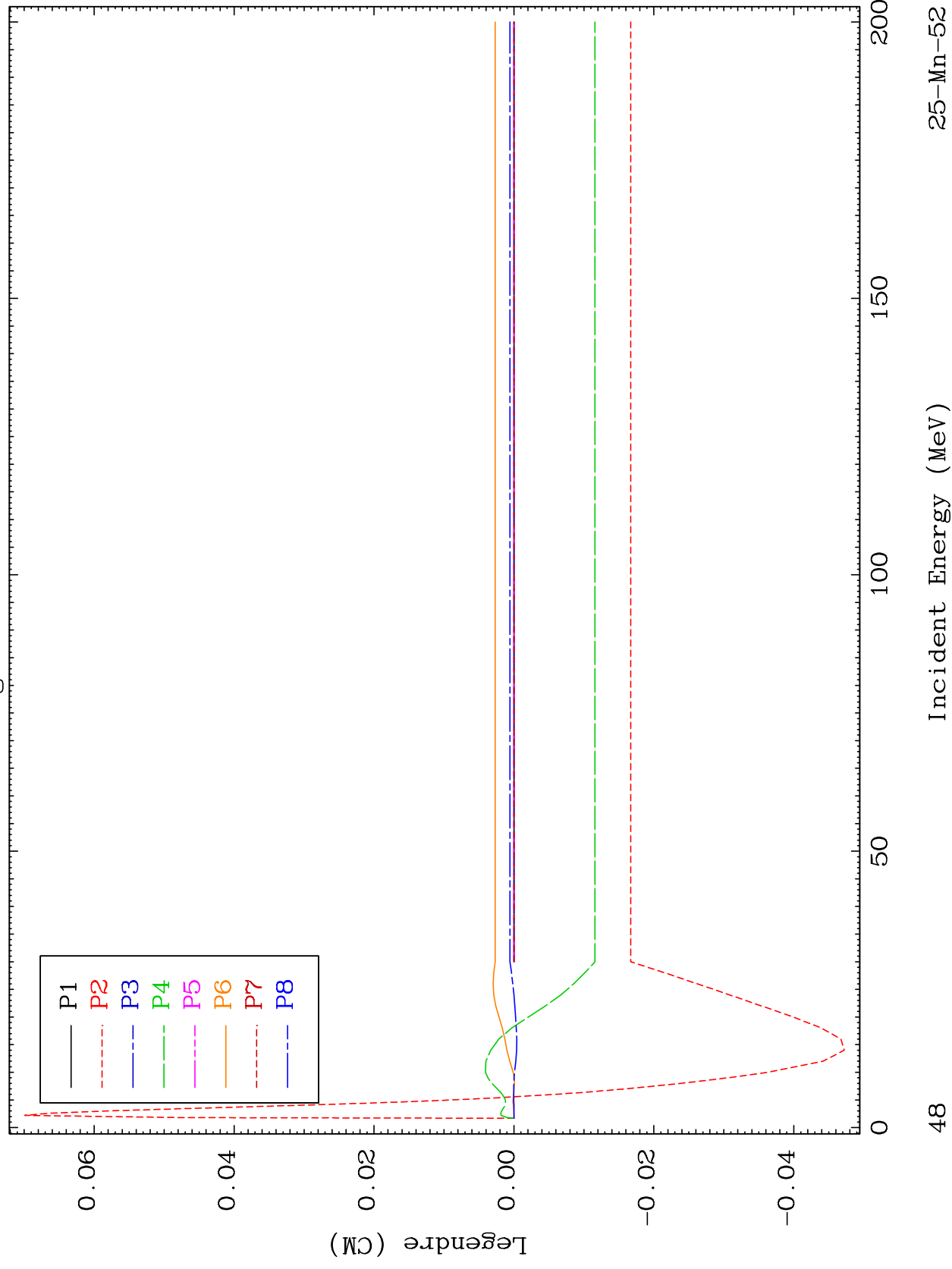




MAT 2516

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

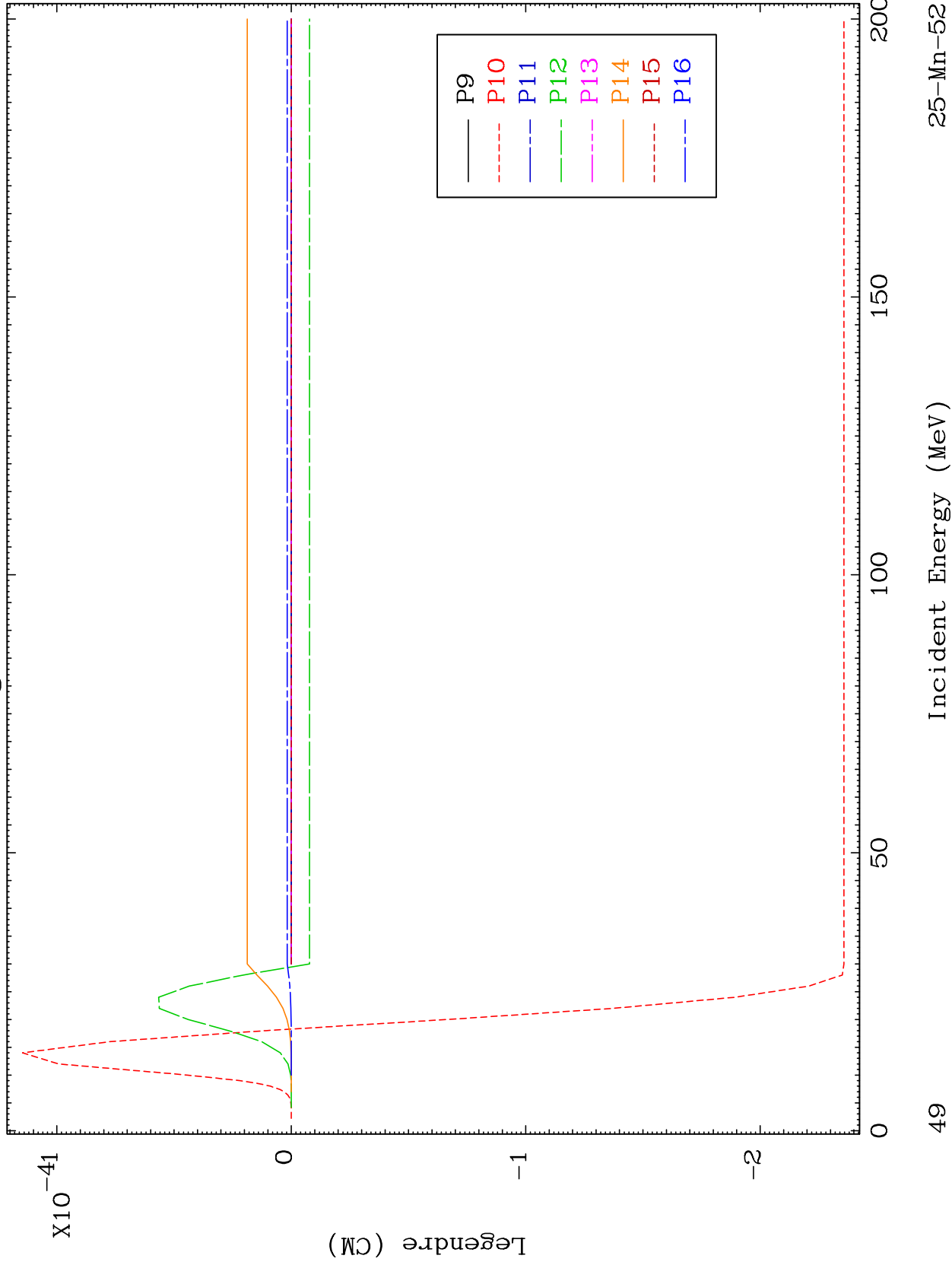
25-Mn-52



MAT 2516

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

25-Mn-52

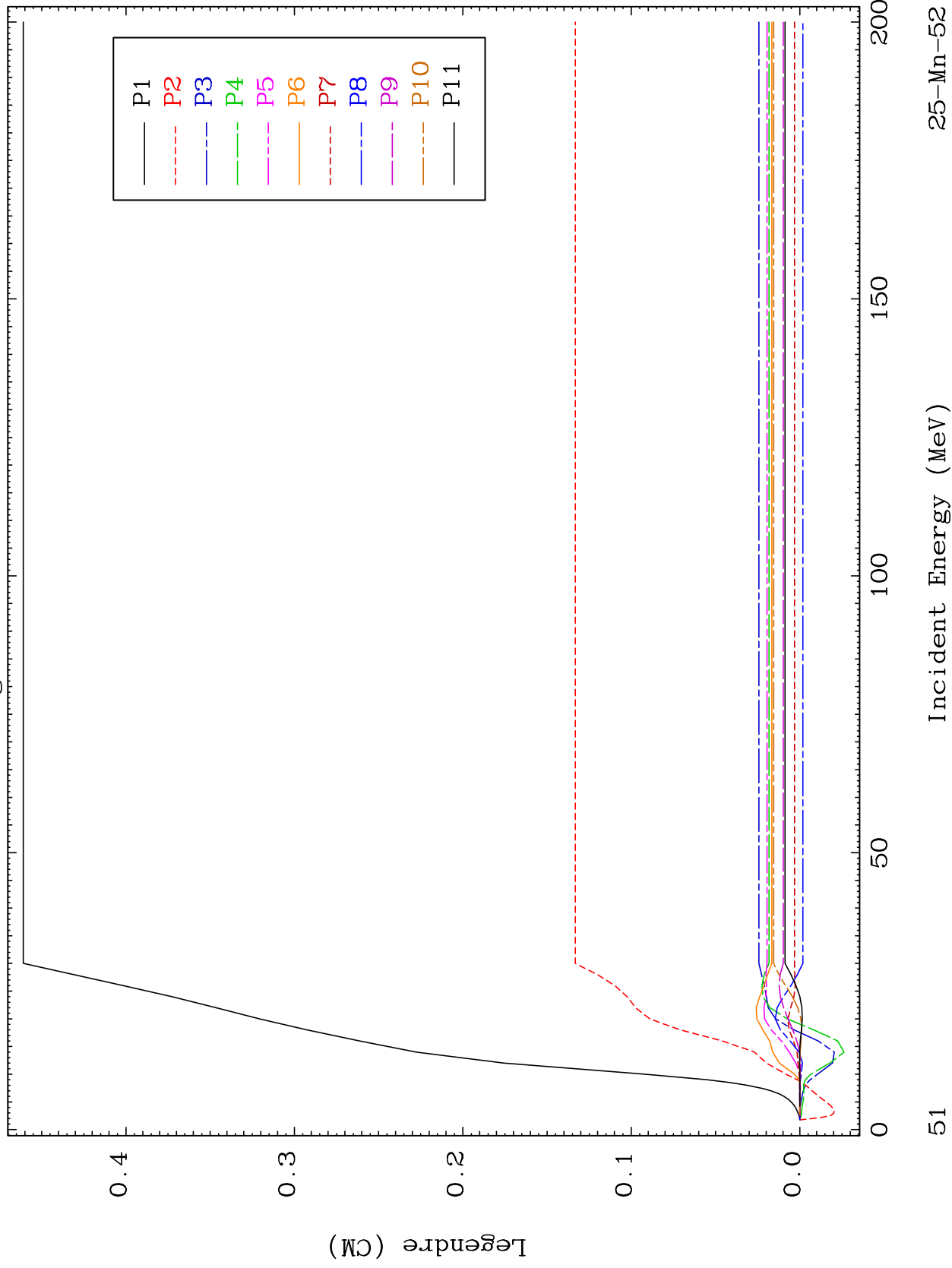




MAT 2516

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

25-Mn-52



25-Mn-52

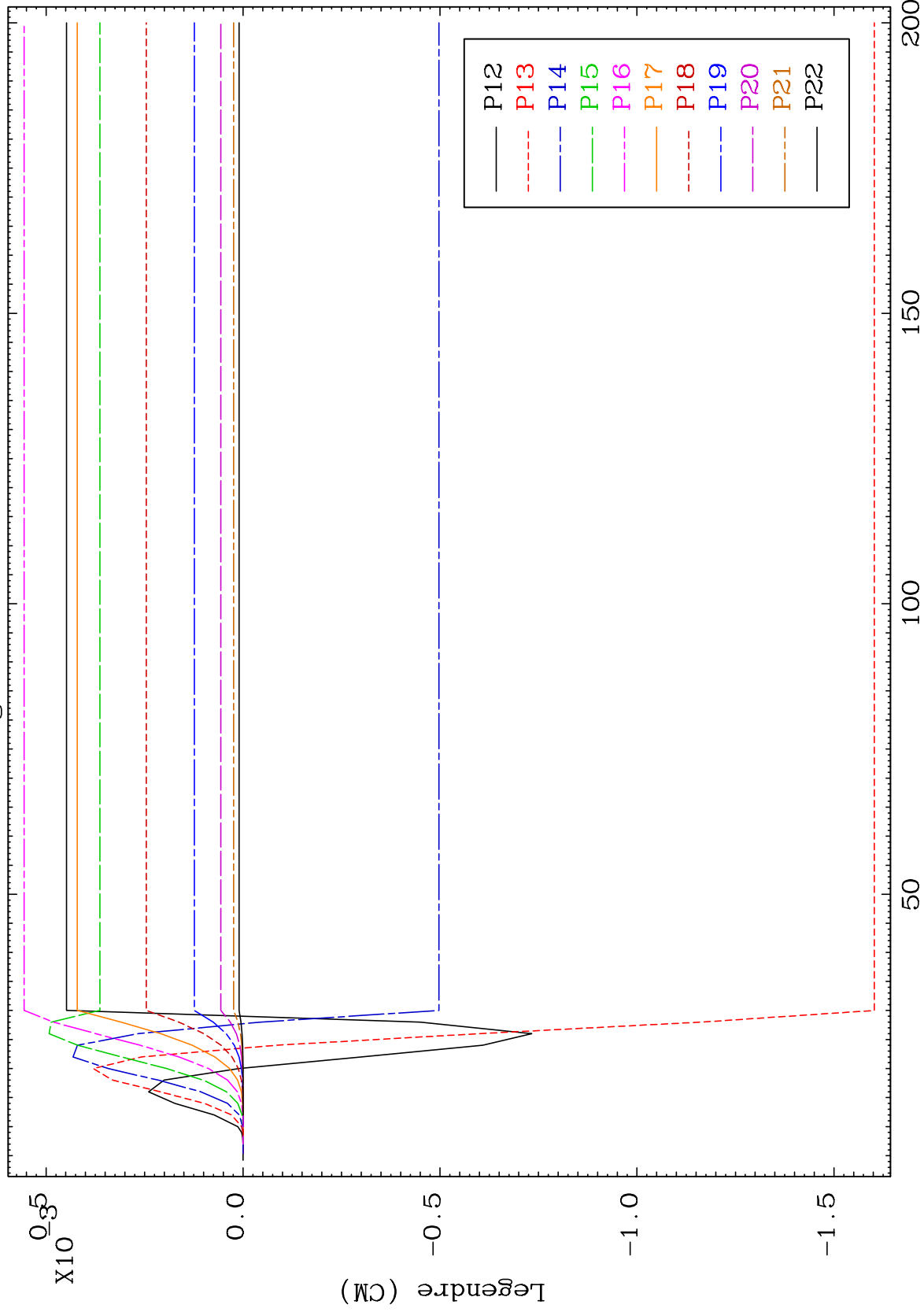
Incident Energy (MeV)

51

MAT 2516

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

25-Mn-52



52

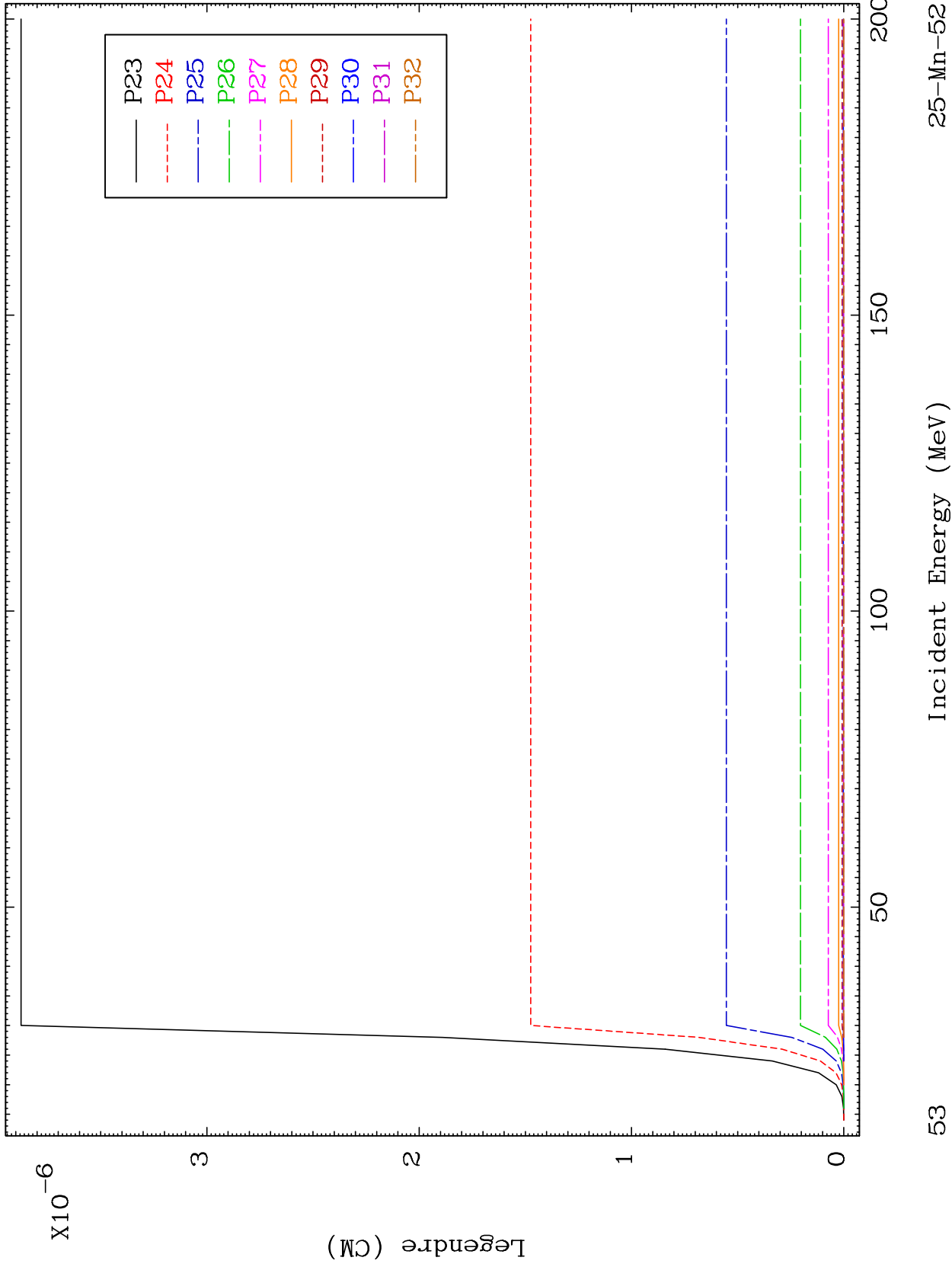
Incident Energy (MeV)

25-Mn-52

MAT 2516

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

25-Mn-52

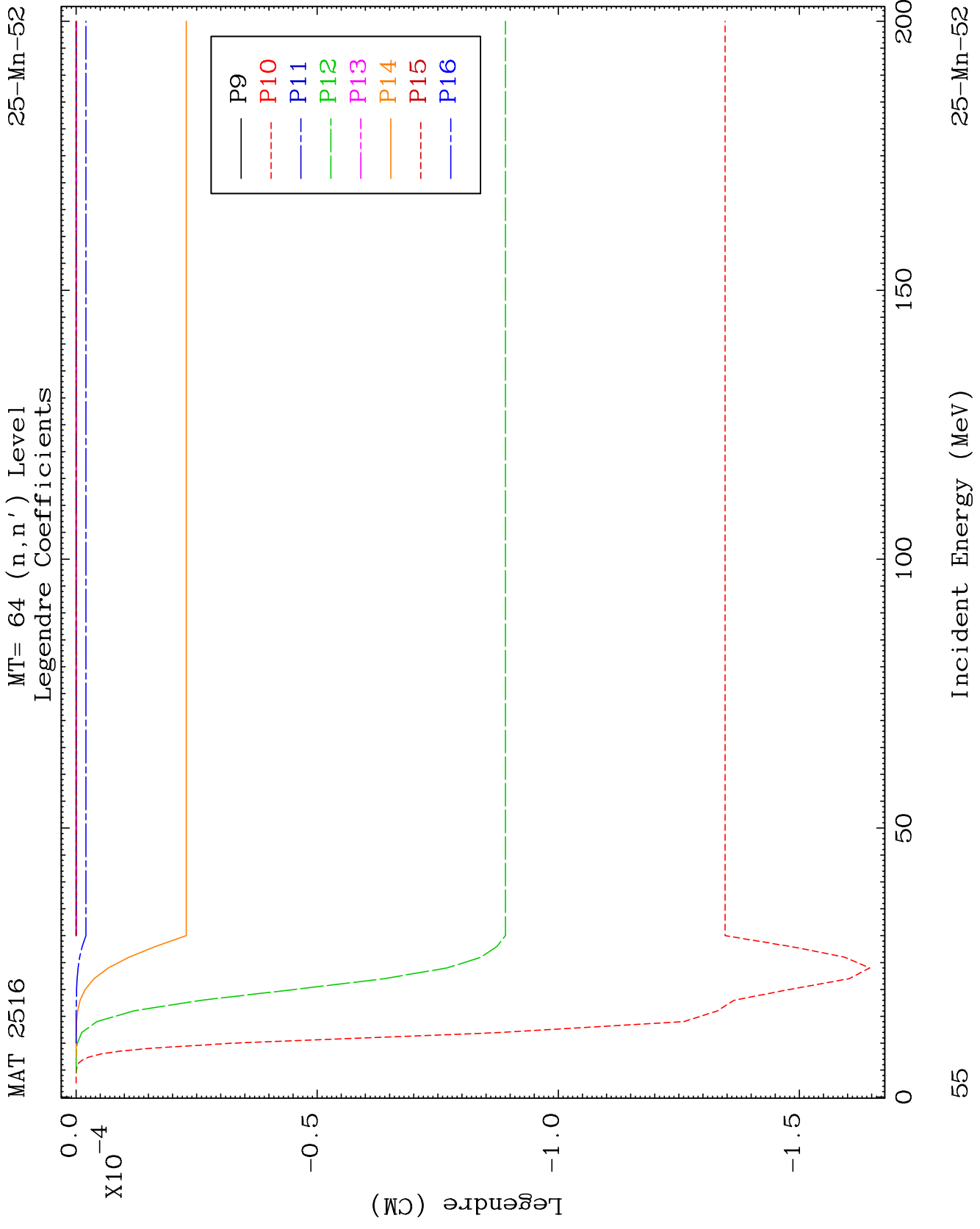


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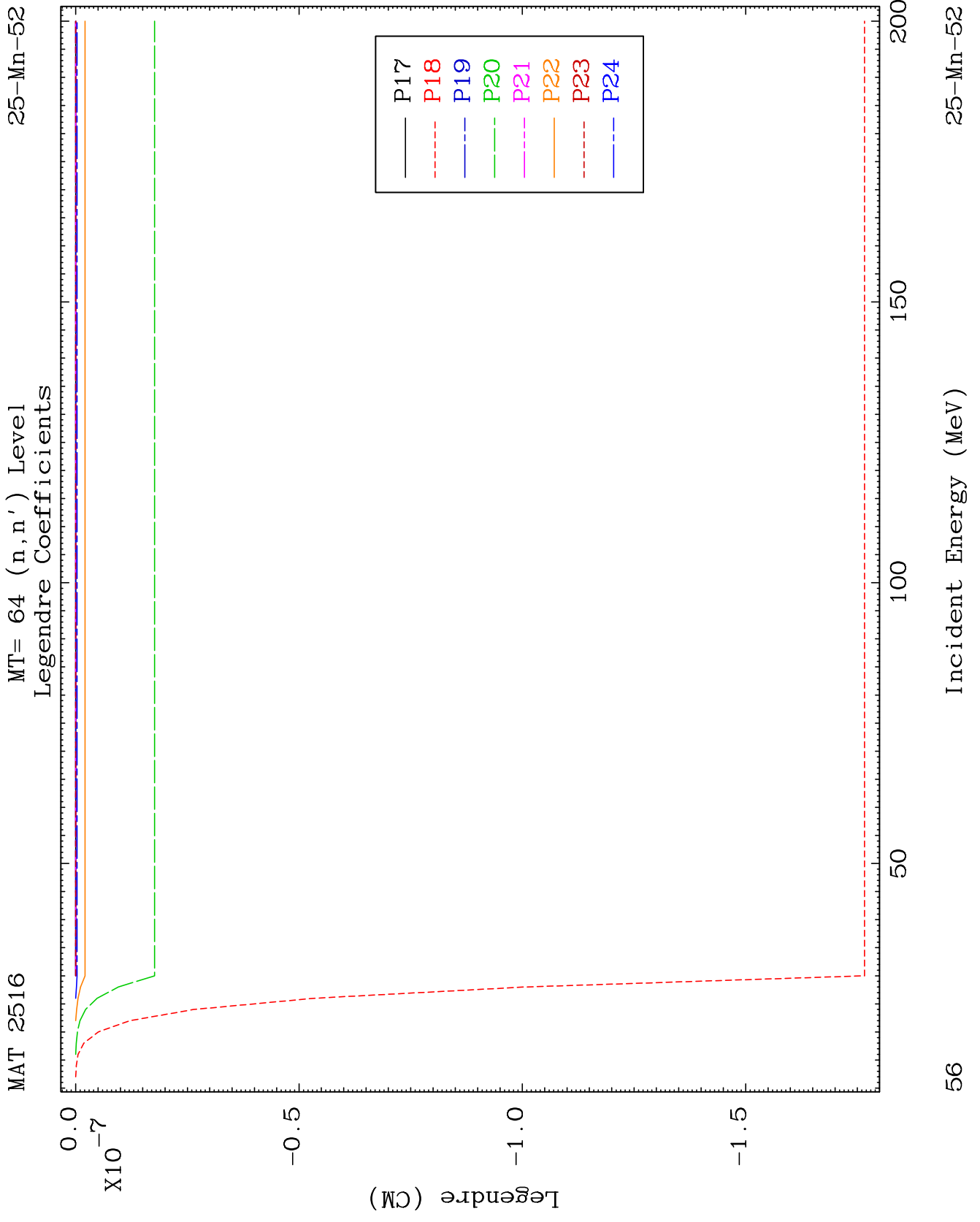
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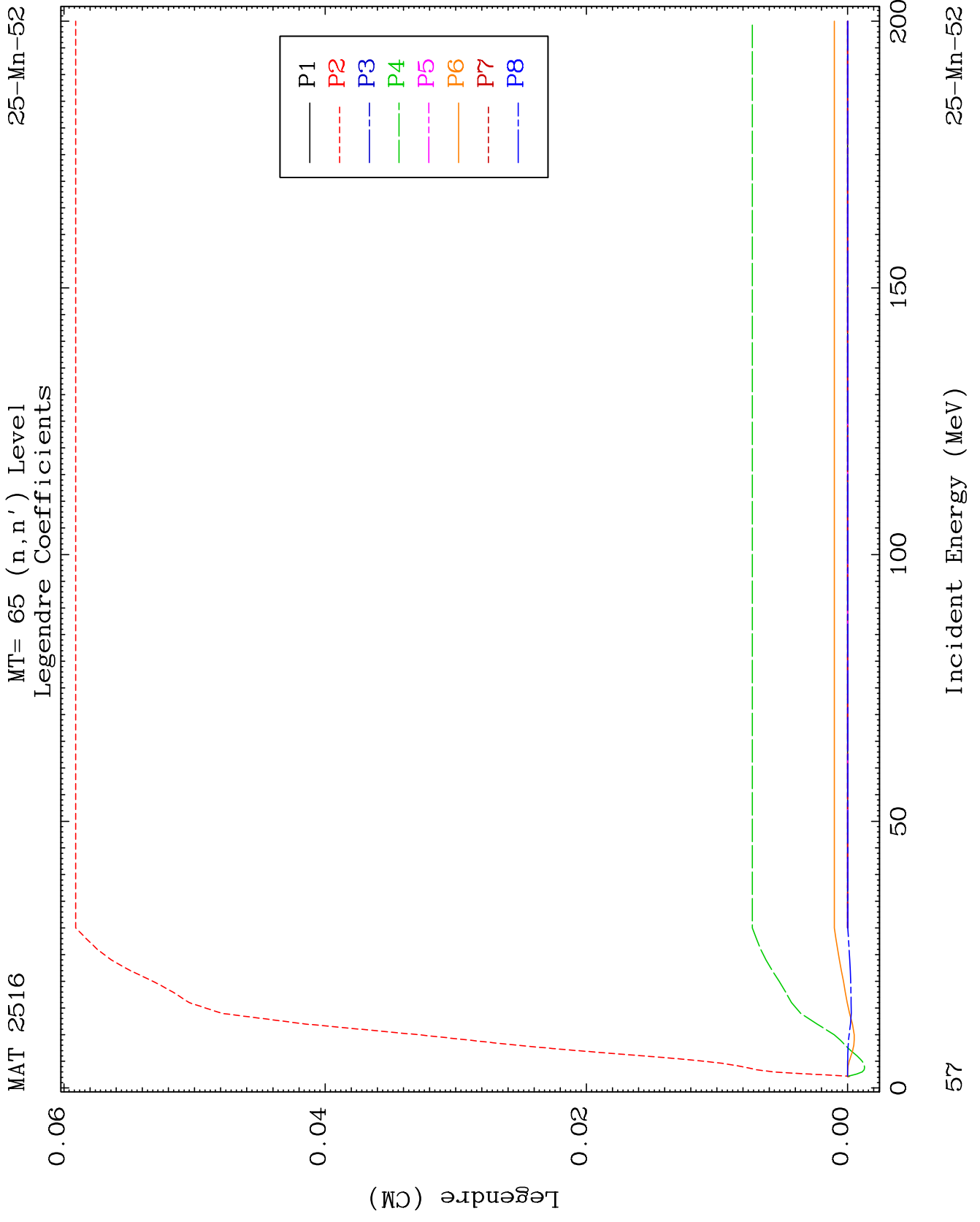
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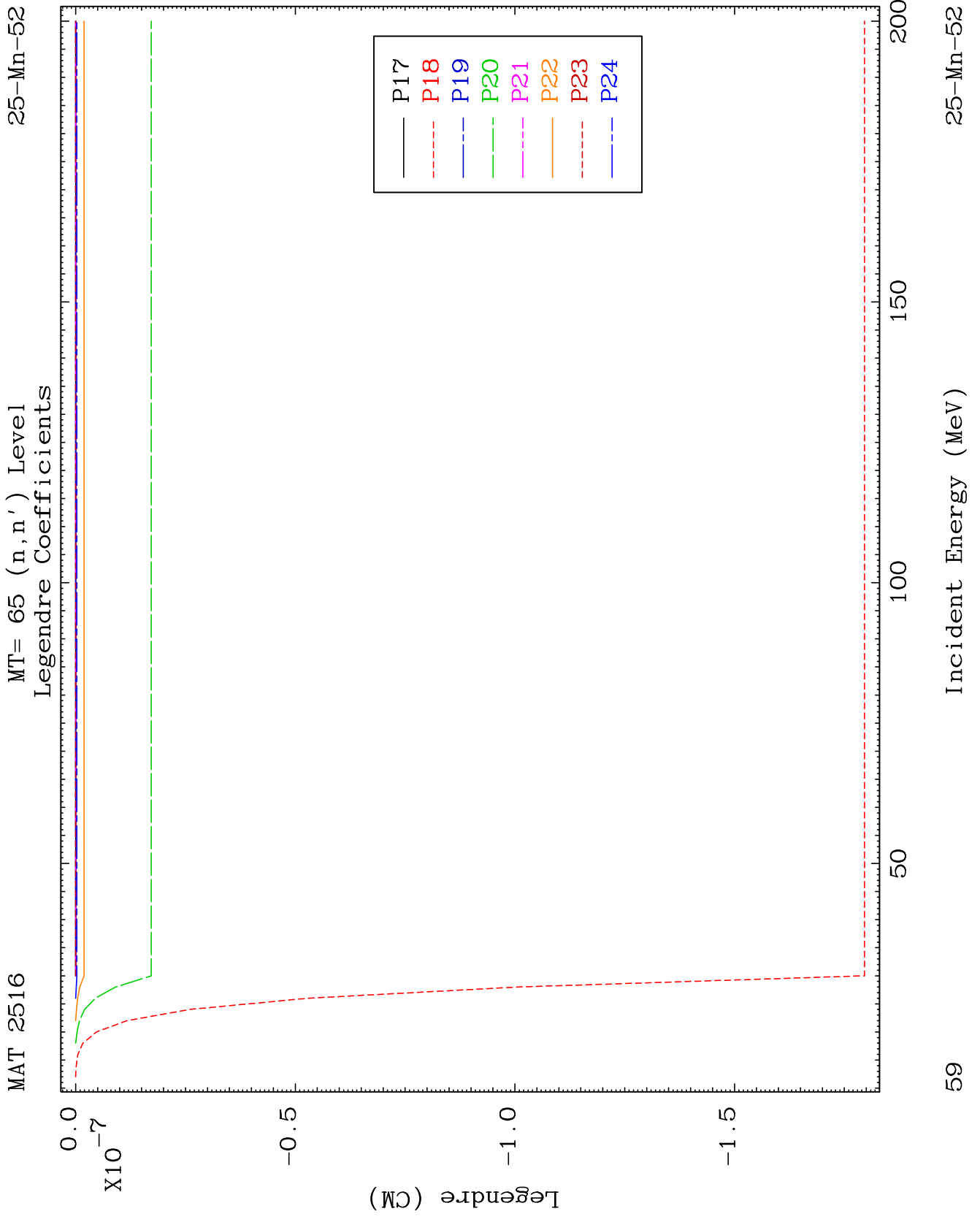








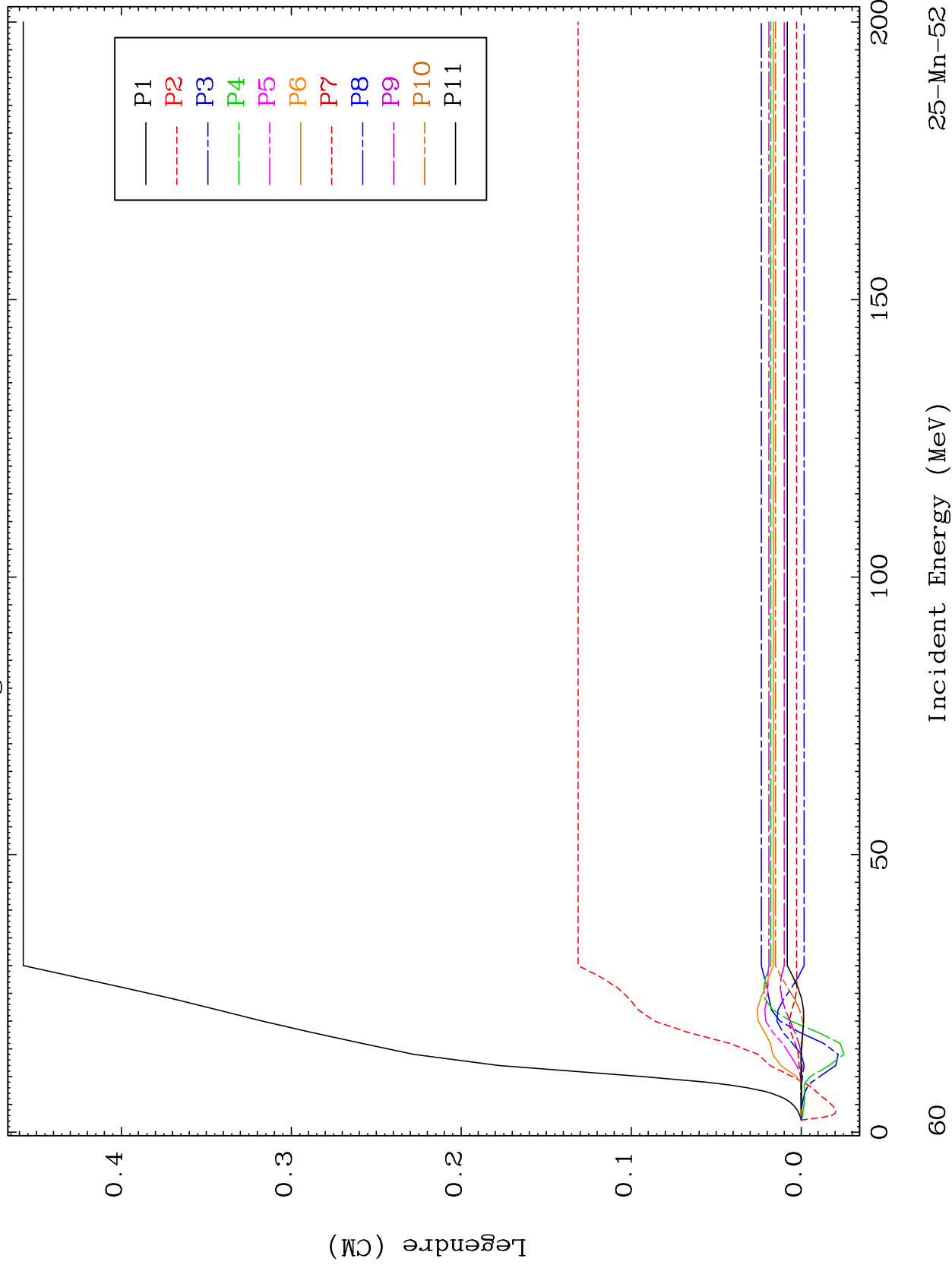




MAT 2516

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

25-Mn-52

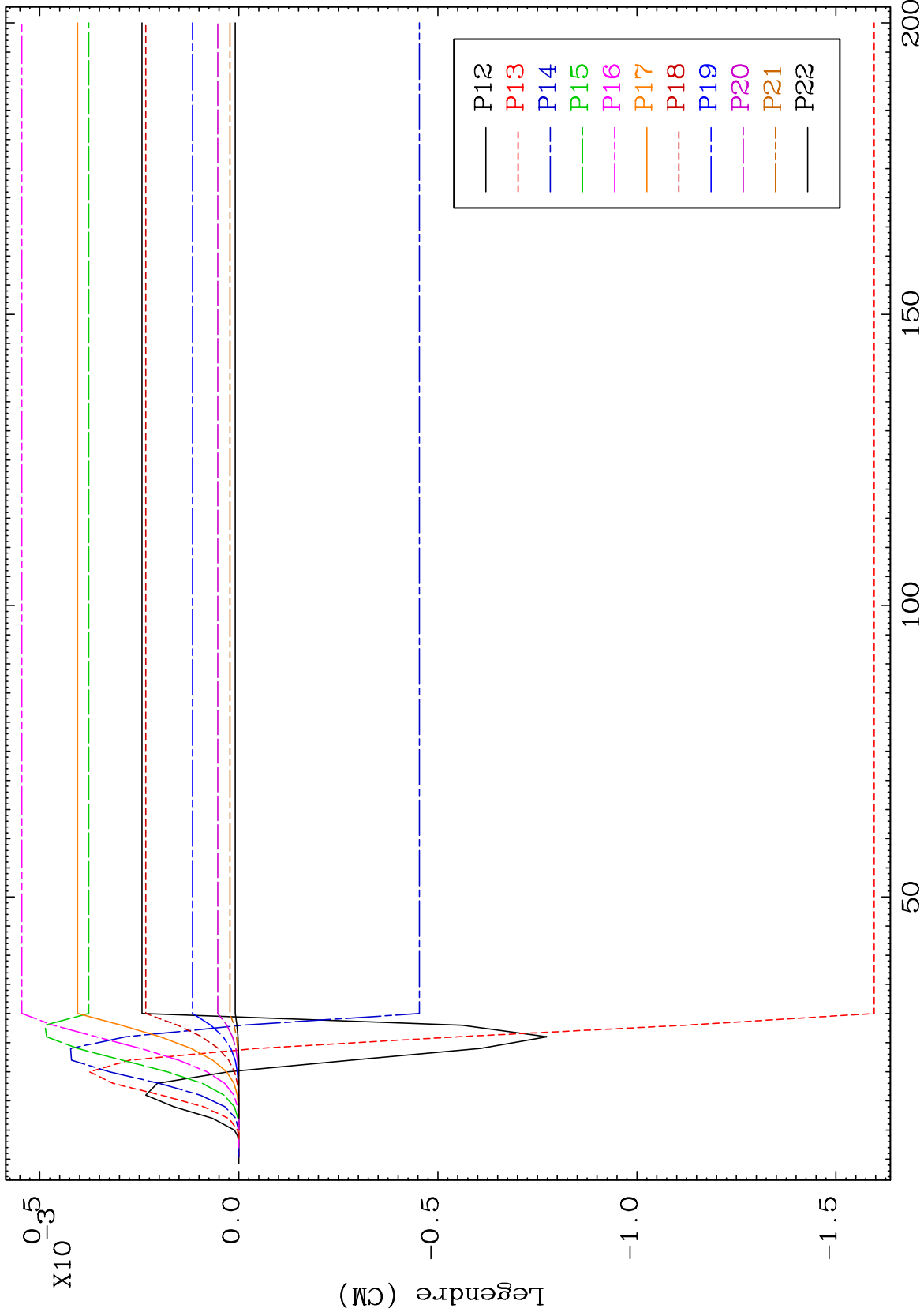


25-Mn-52

MAT 2516

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

25-Mn-52



61

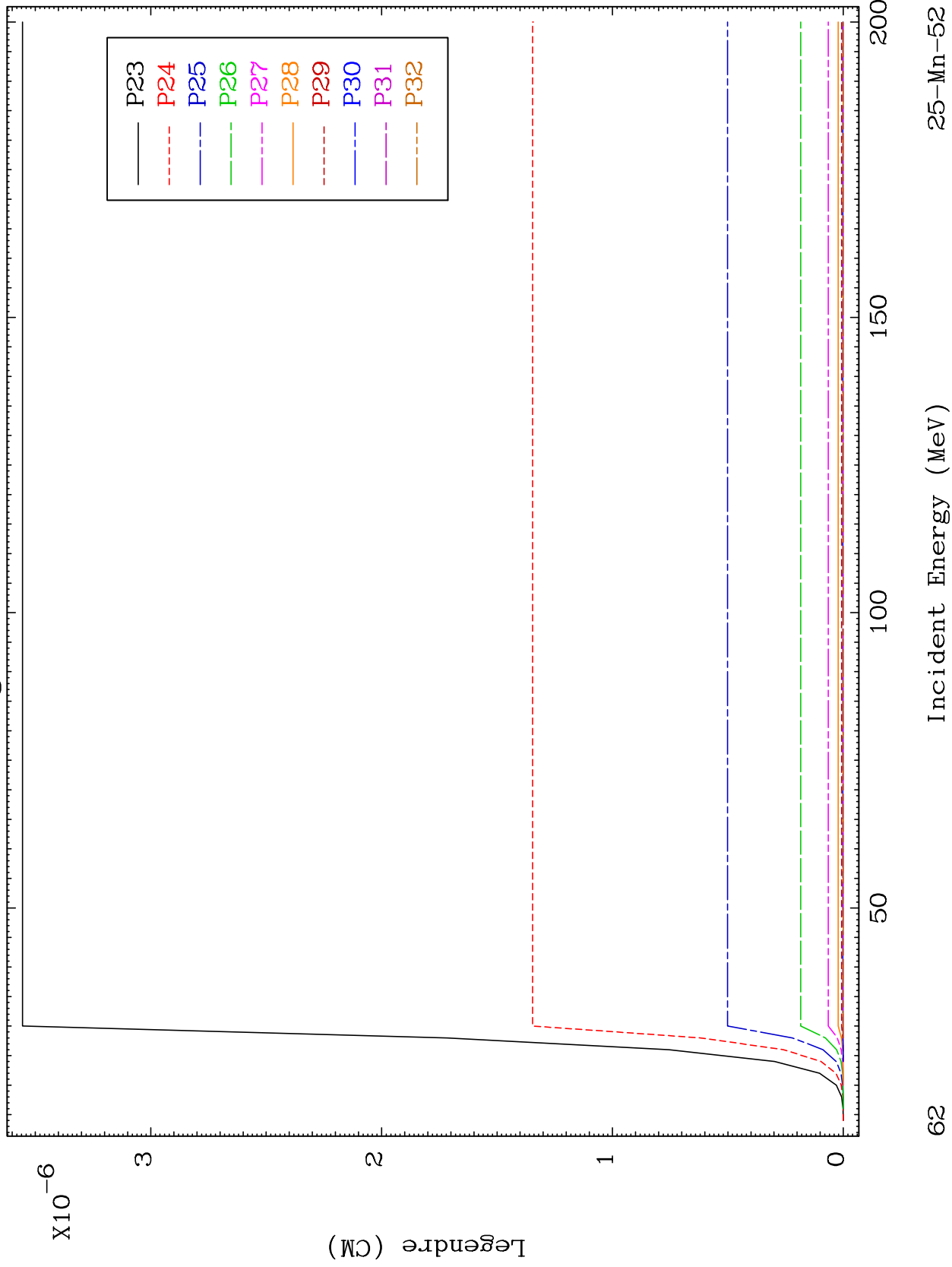
Incident Energy (MeV)

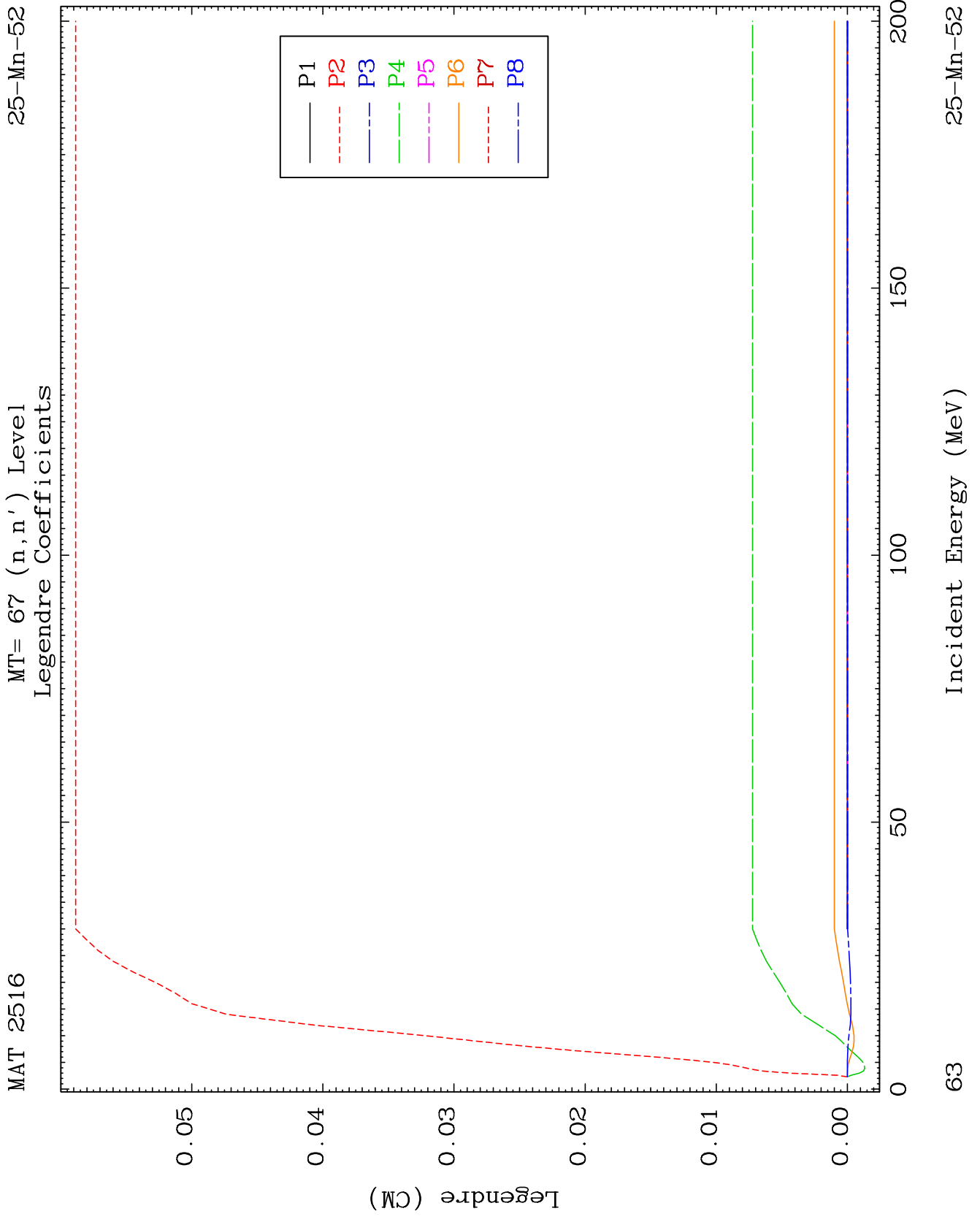
25-Mn-52

MAT 2516

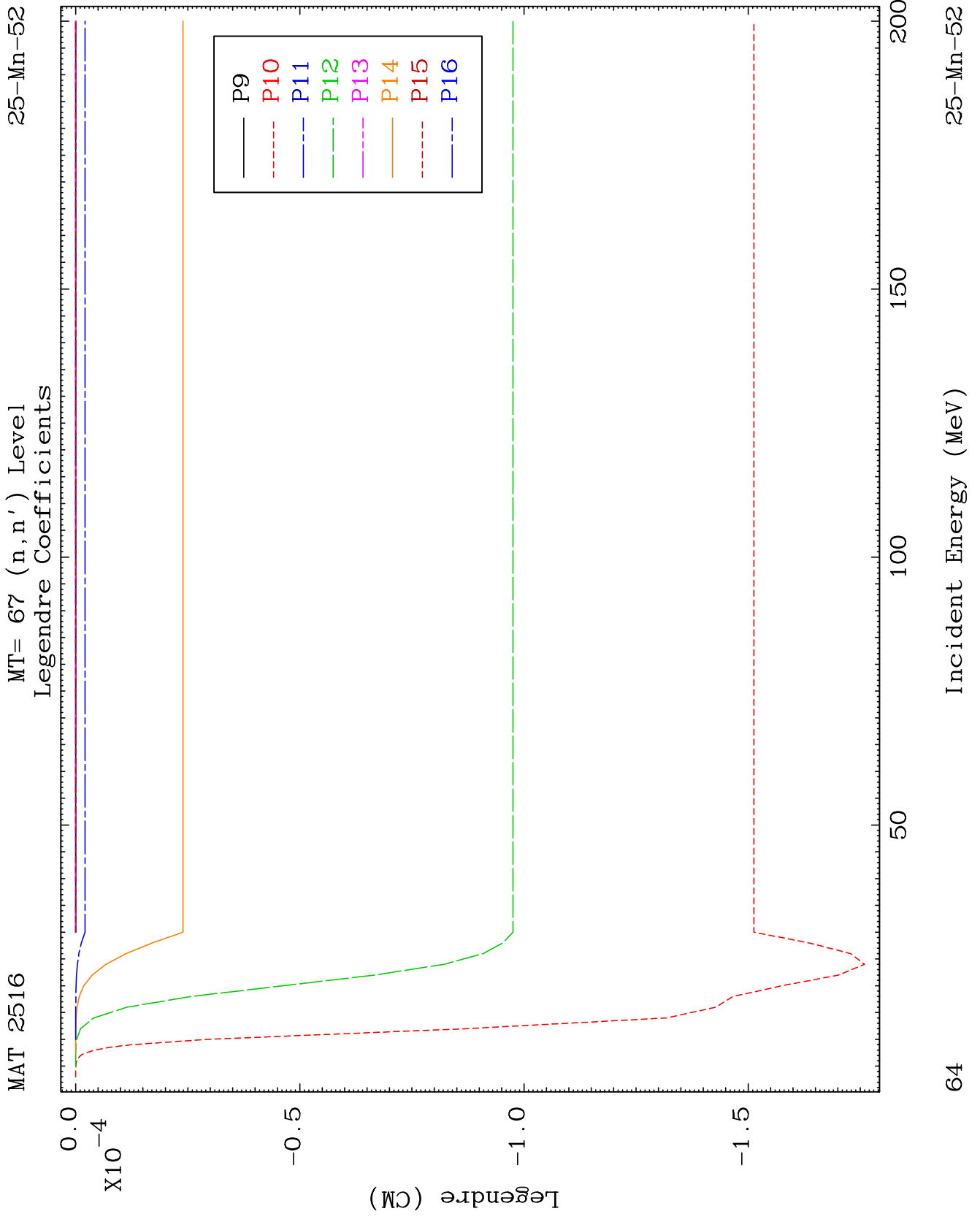
MT= 66 (n,n') Level  
Legendre Coefficients

25-Mn-52







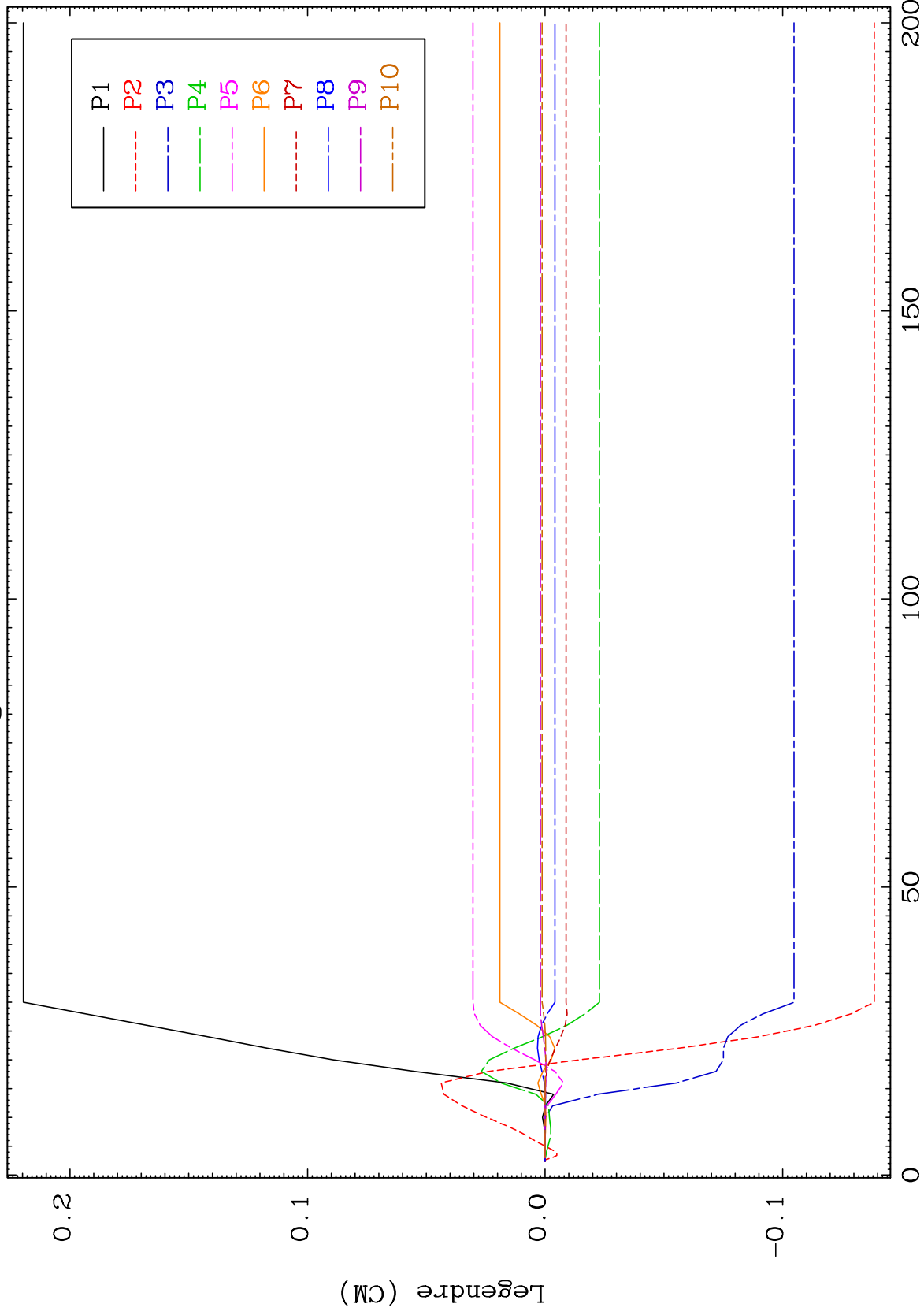




MAT 2516

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Legendre Coefficients

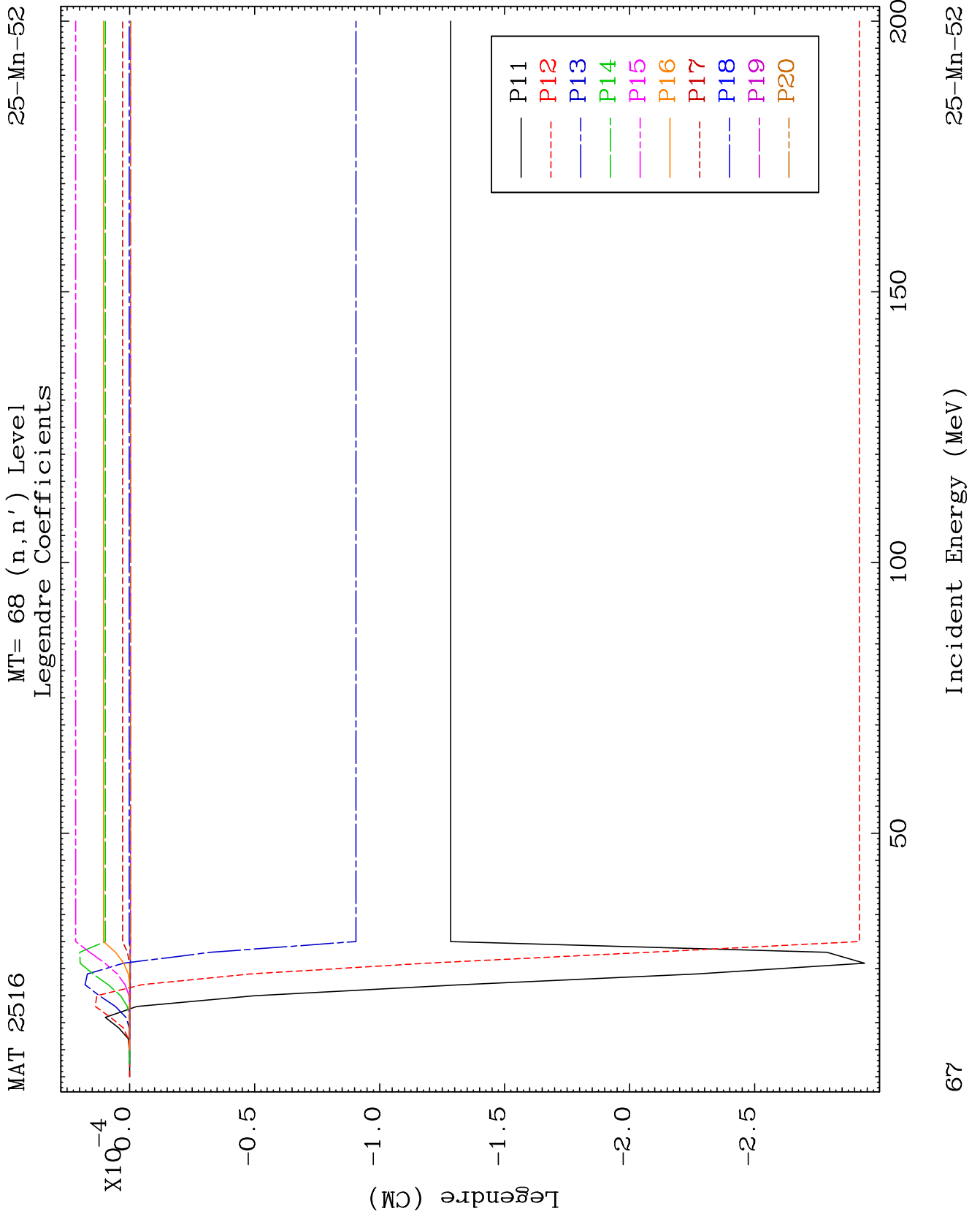
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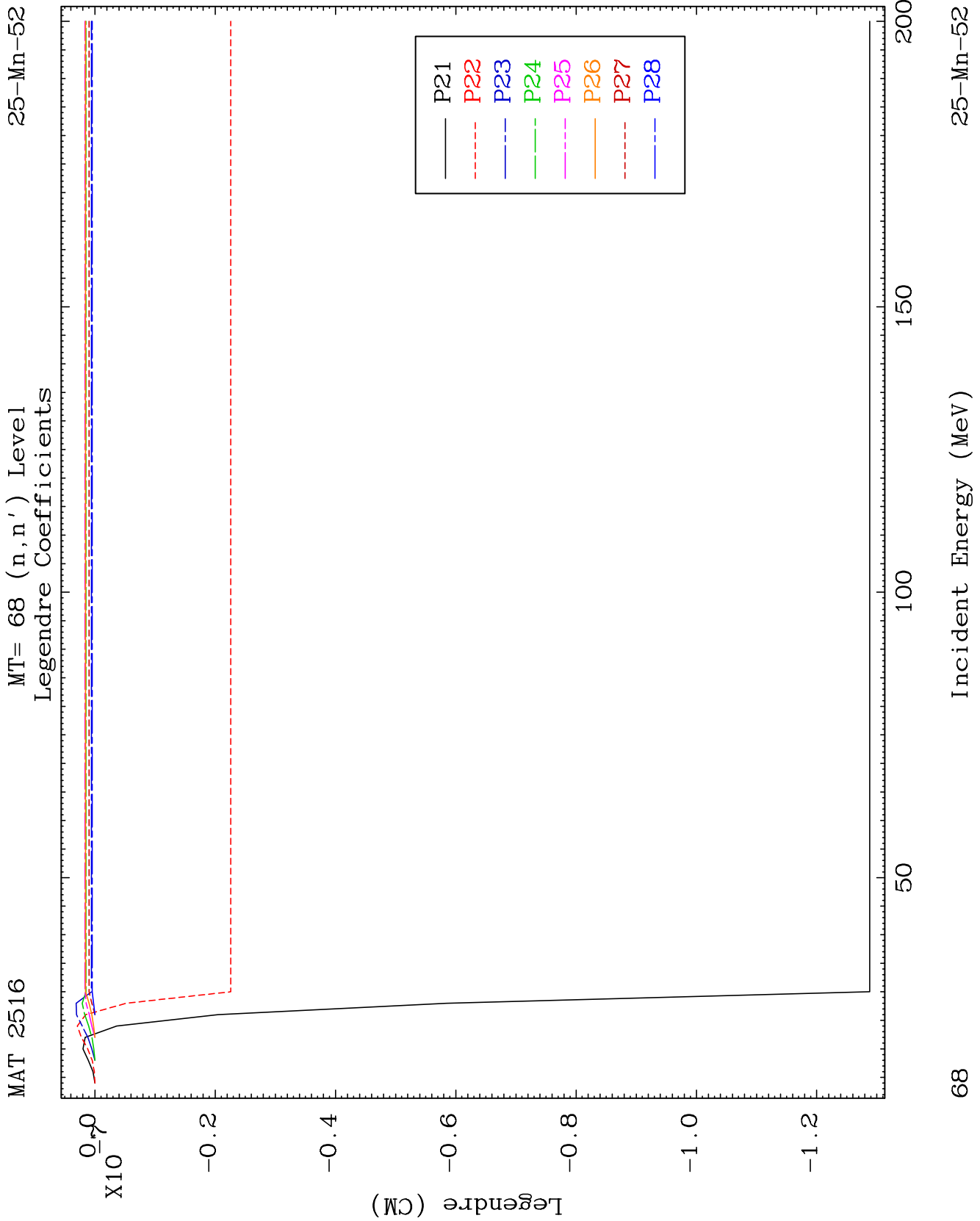


66

Incident Energy (MeV)

25-Mn-52

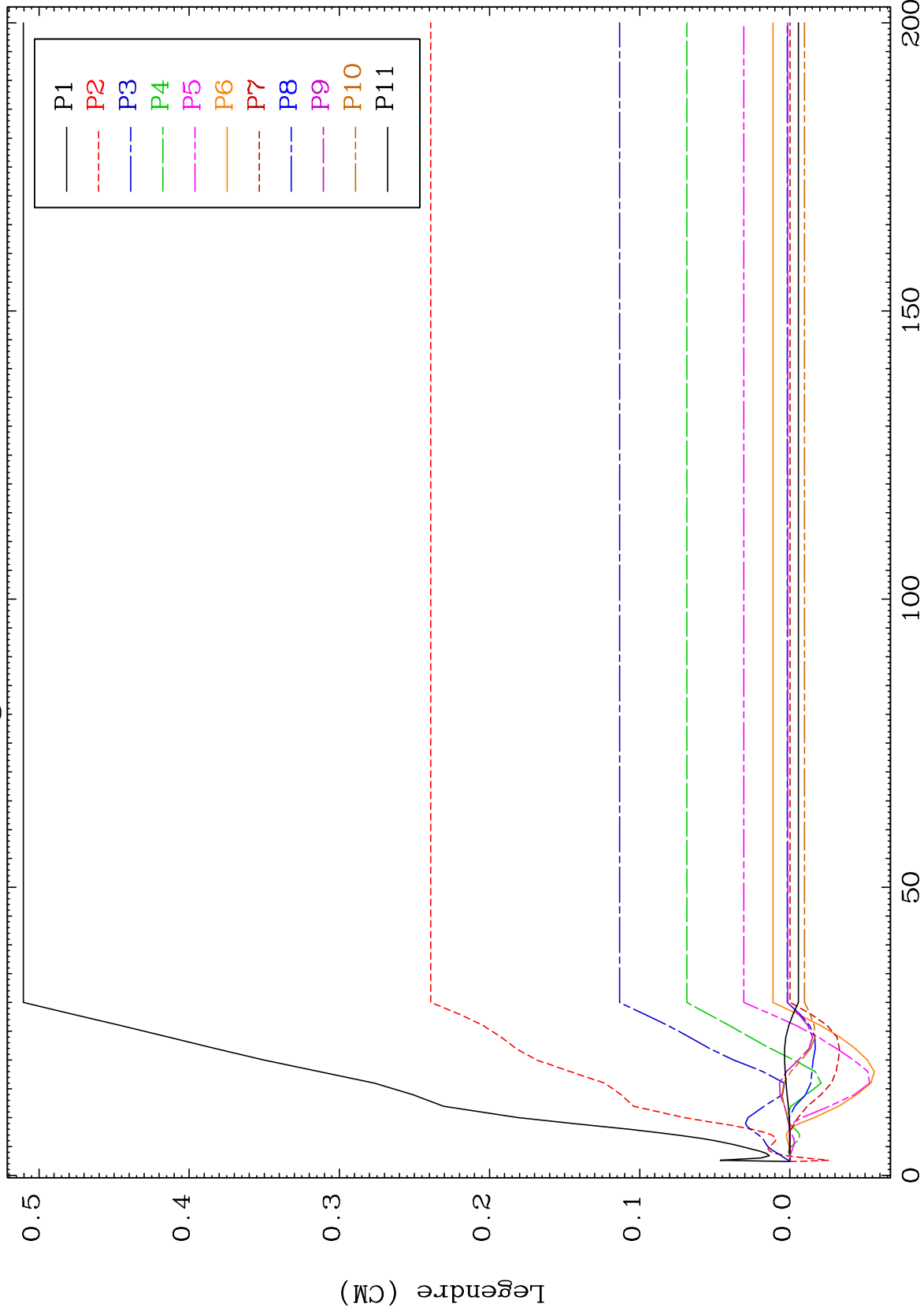




MAT 2516

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

25-Mn-52



69

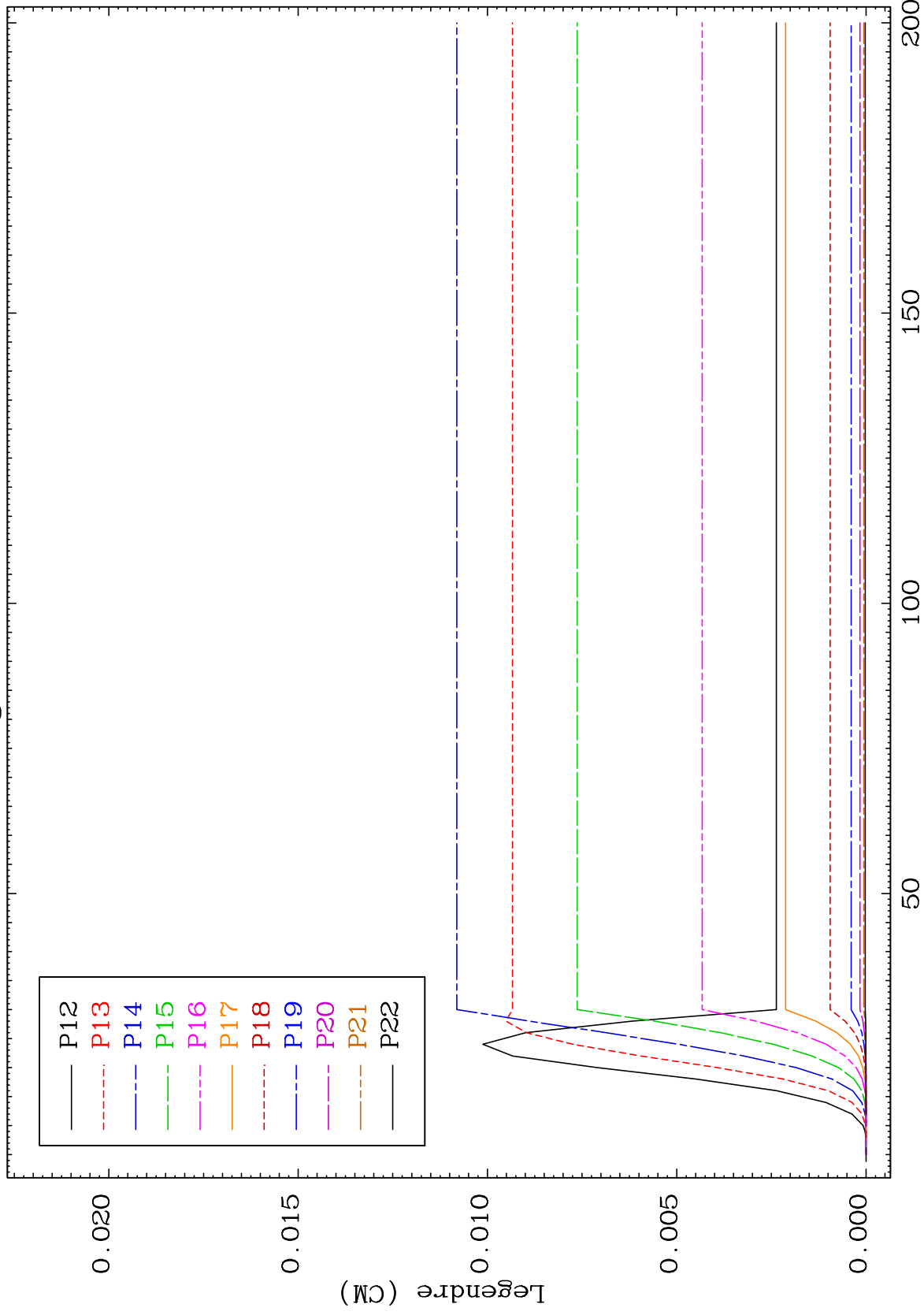
Incident Energy (MeV)

25-Mn-52

MAT 2516

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

25-Mn-52



70

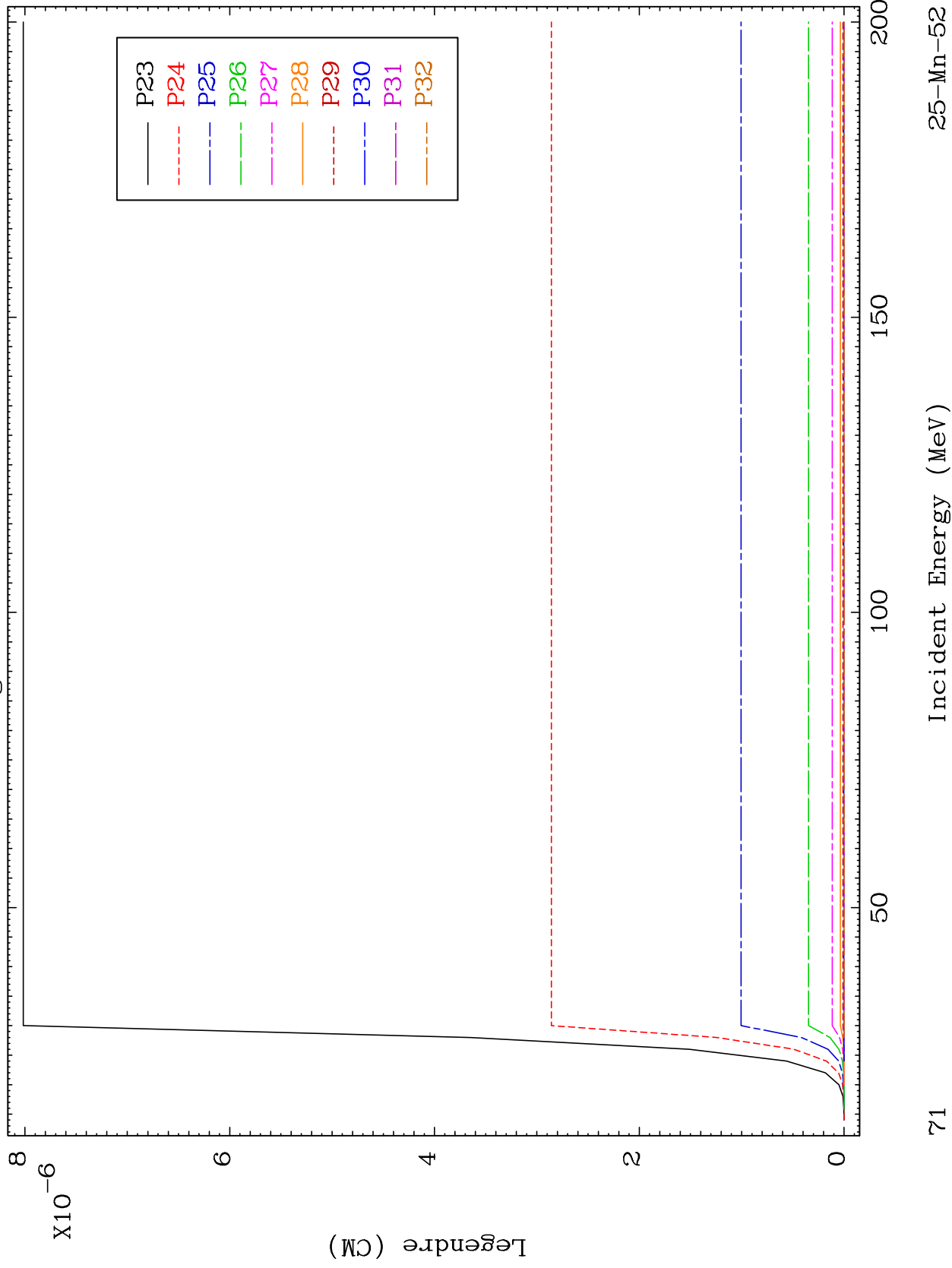
Incident Energy (MeV)

25-Mn-52

MAT 2516

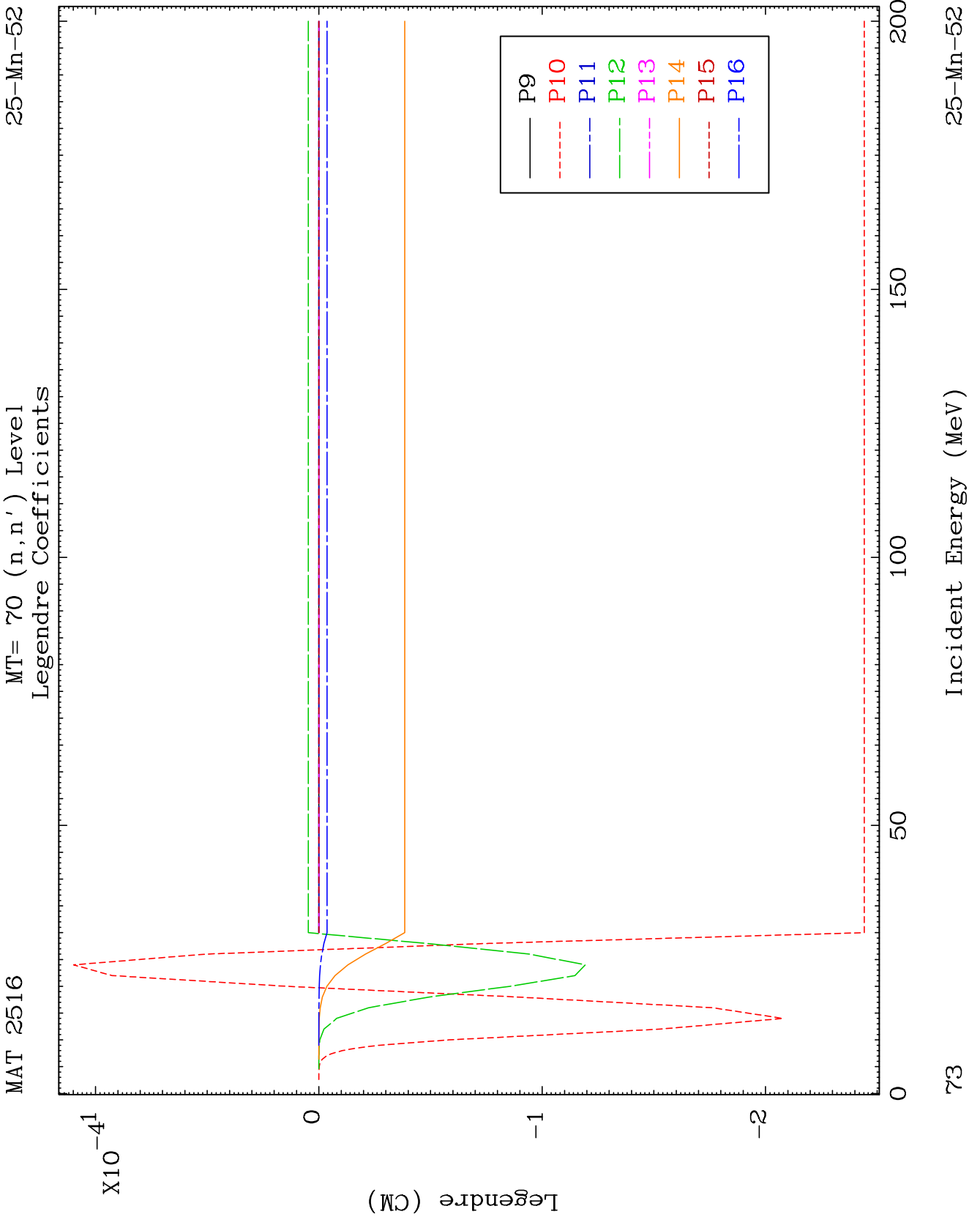
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Legendre Coefficients

25-Mn-52

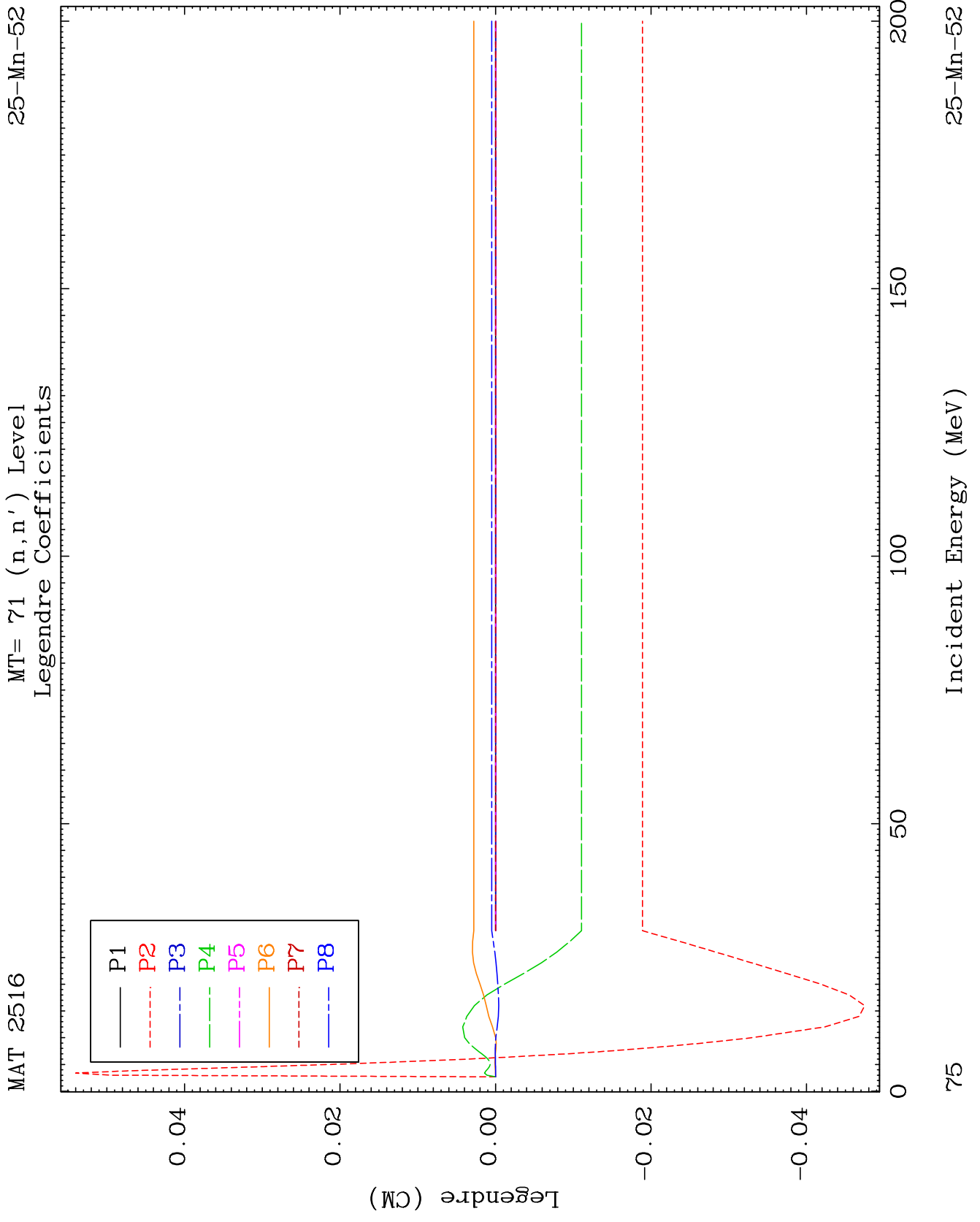








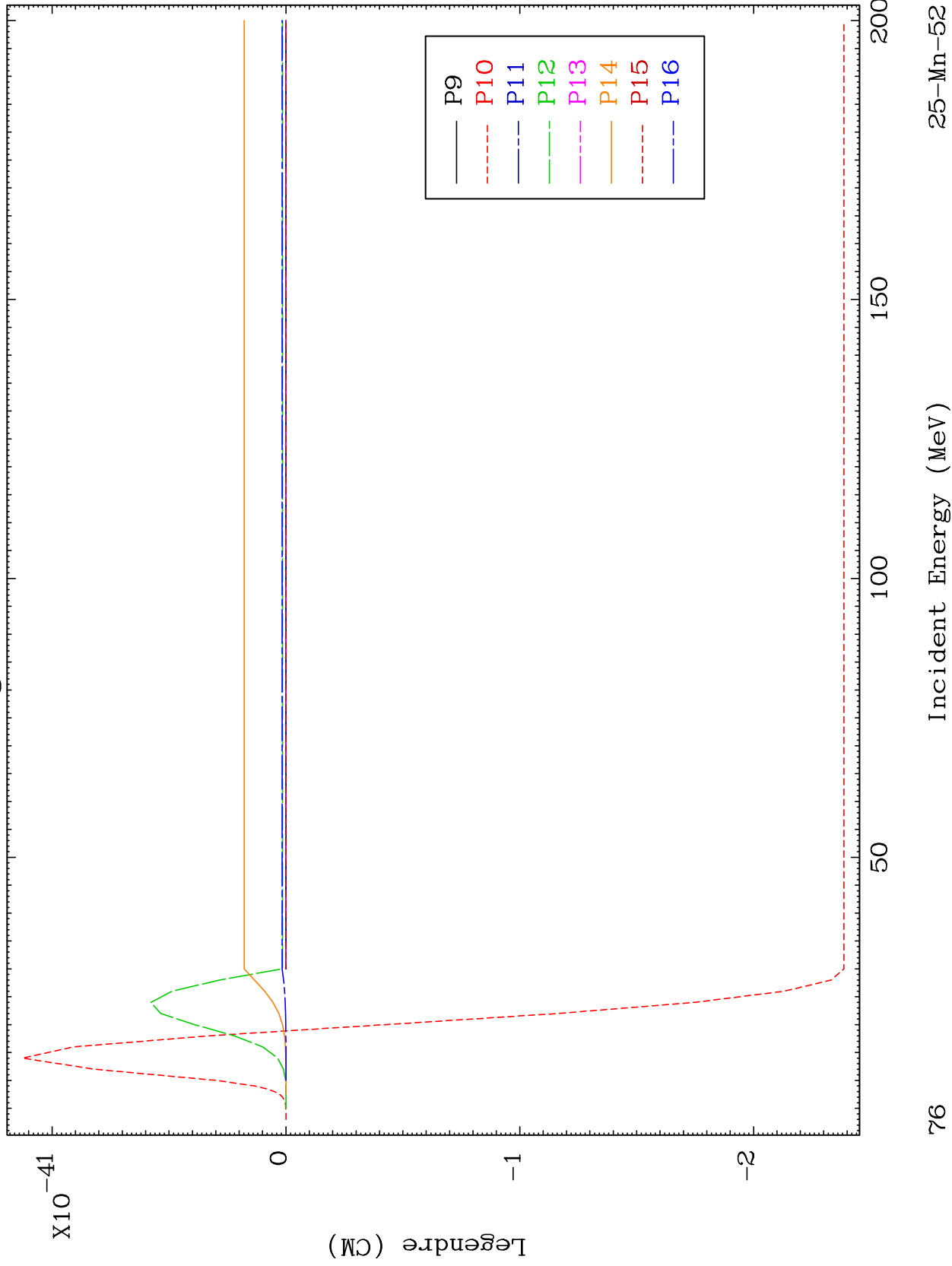




MAT 2516

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Legendre Coefficients

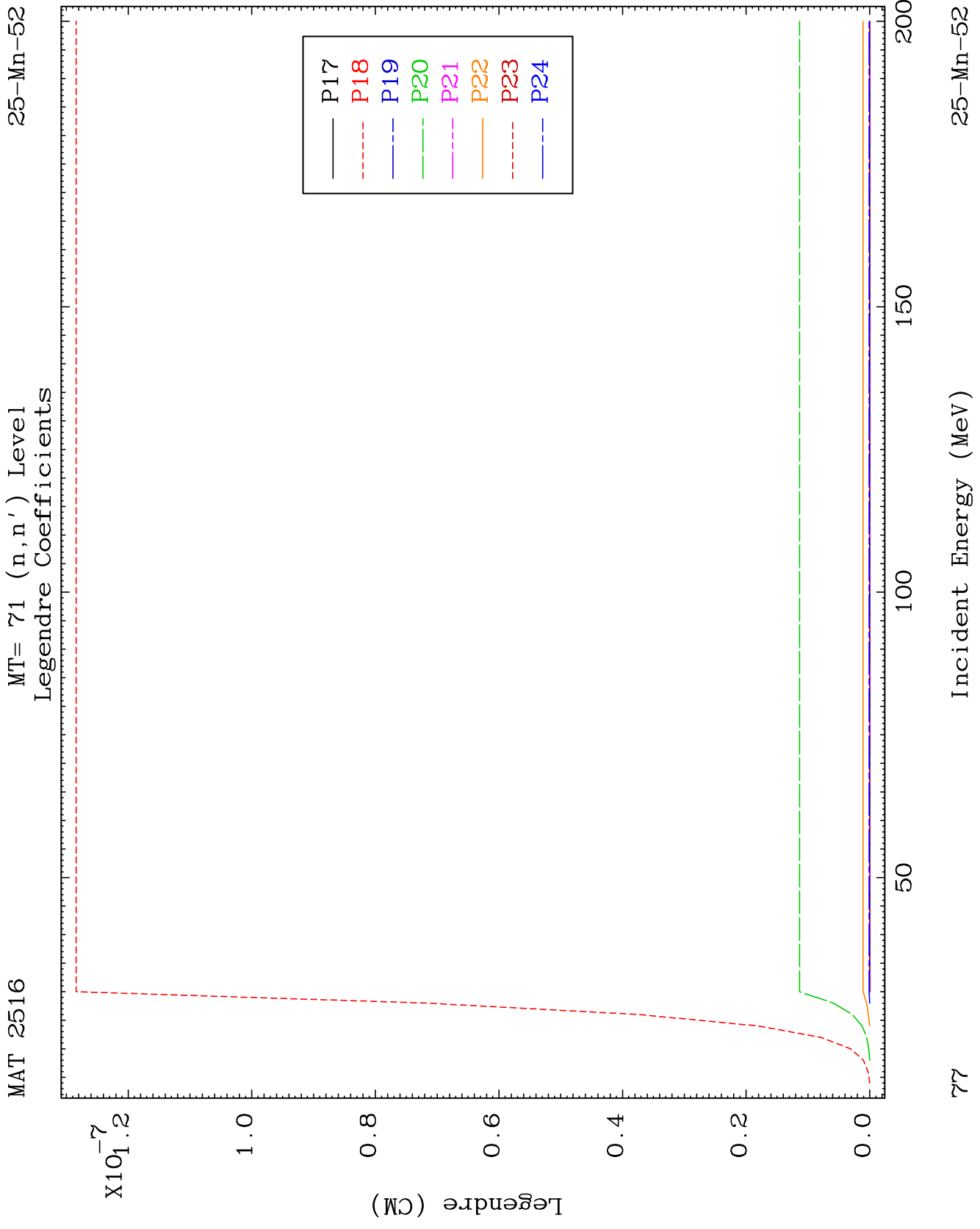
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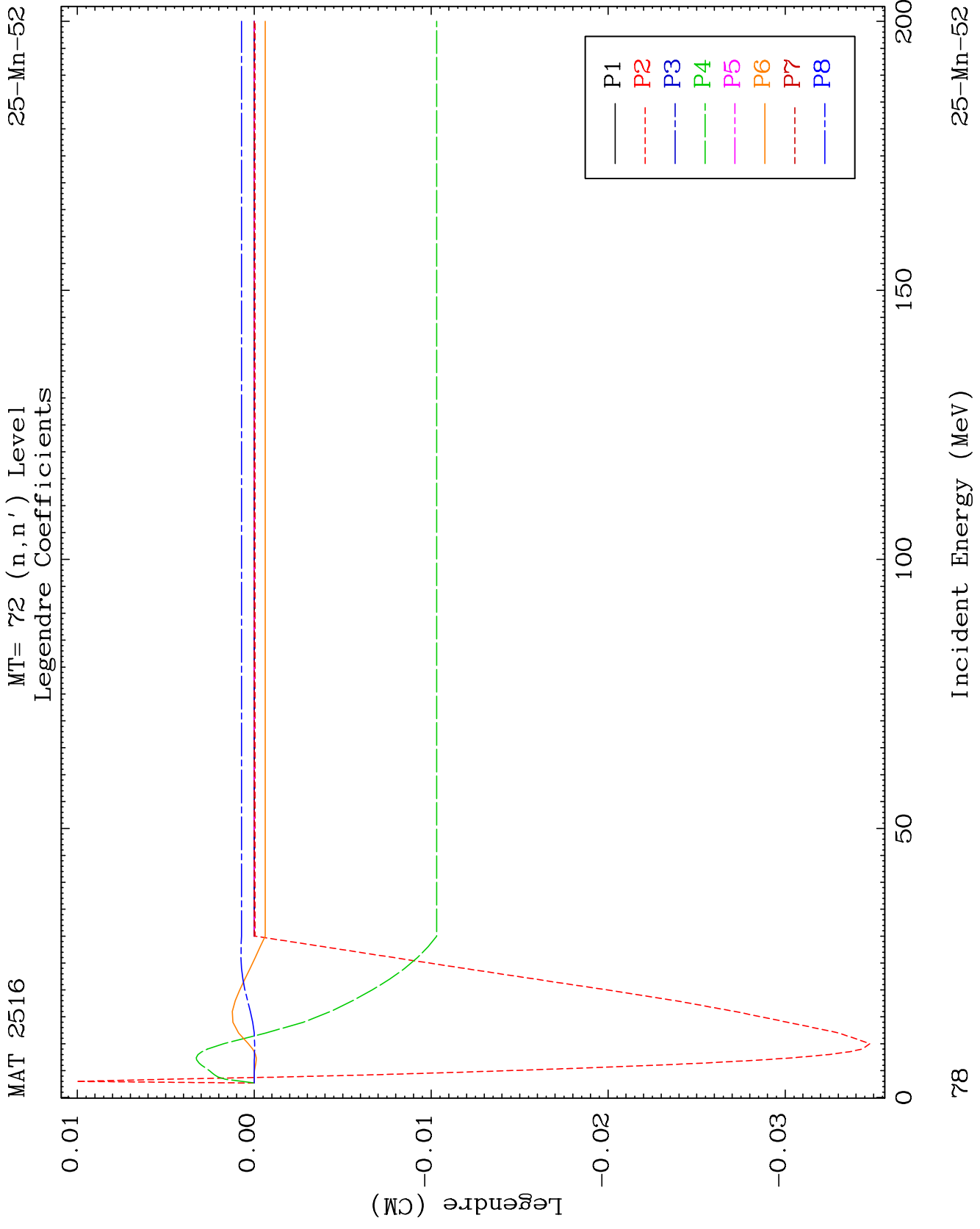


76

Incident Energy (MeV)

25-Mn-52

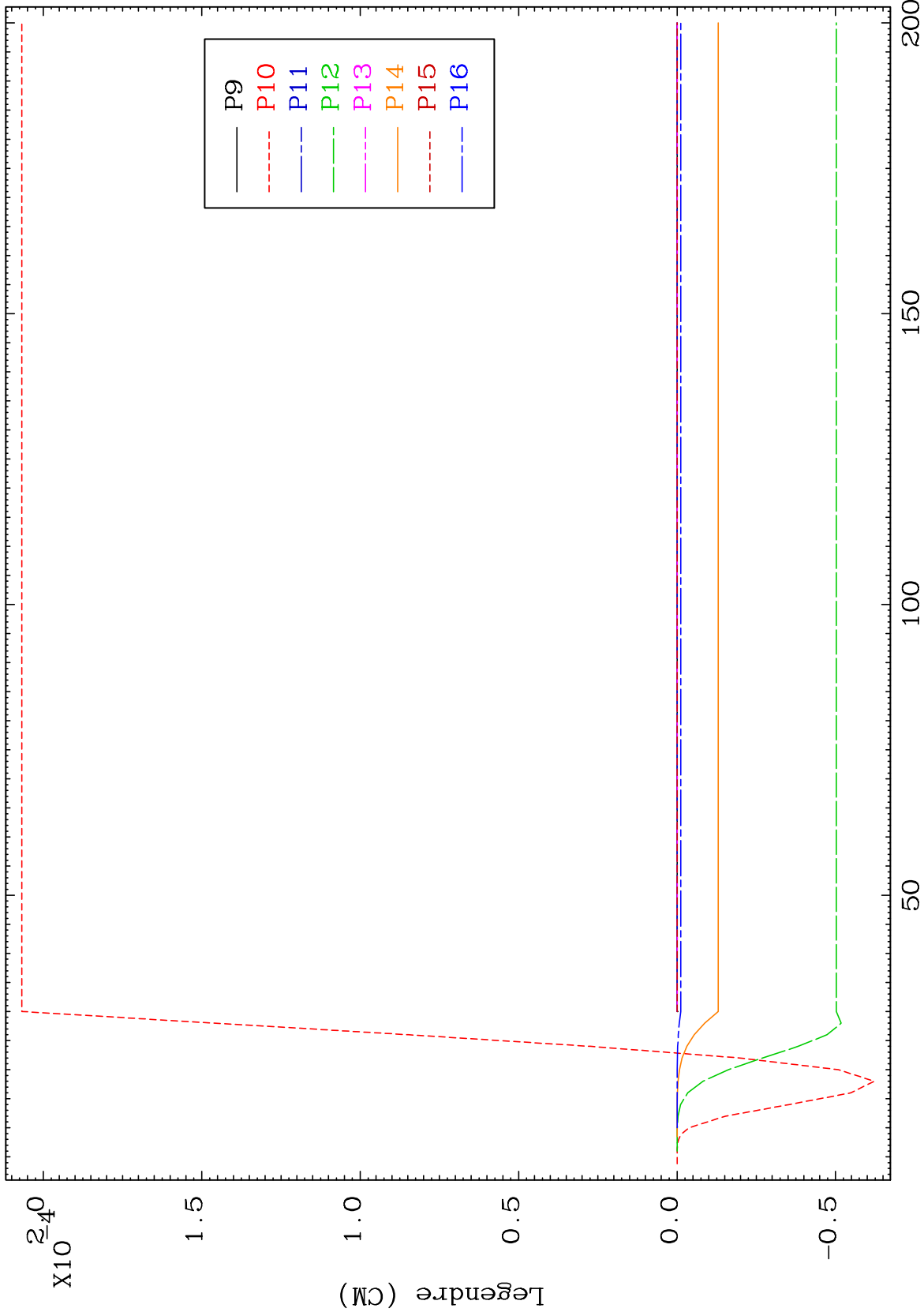




MAT 2516

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

25-Mn-52

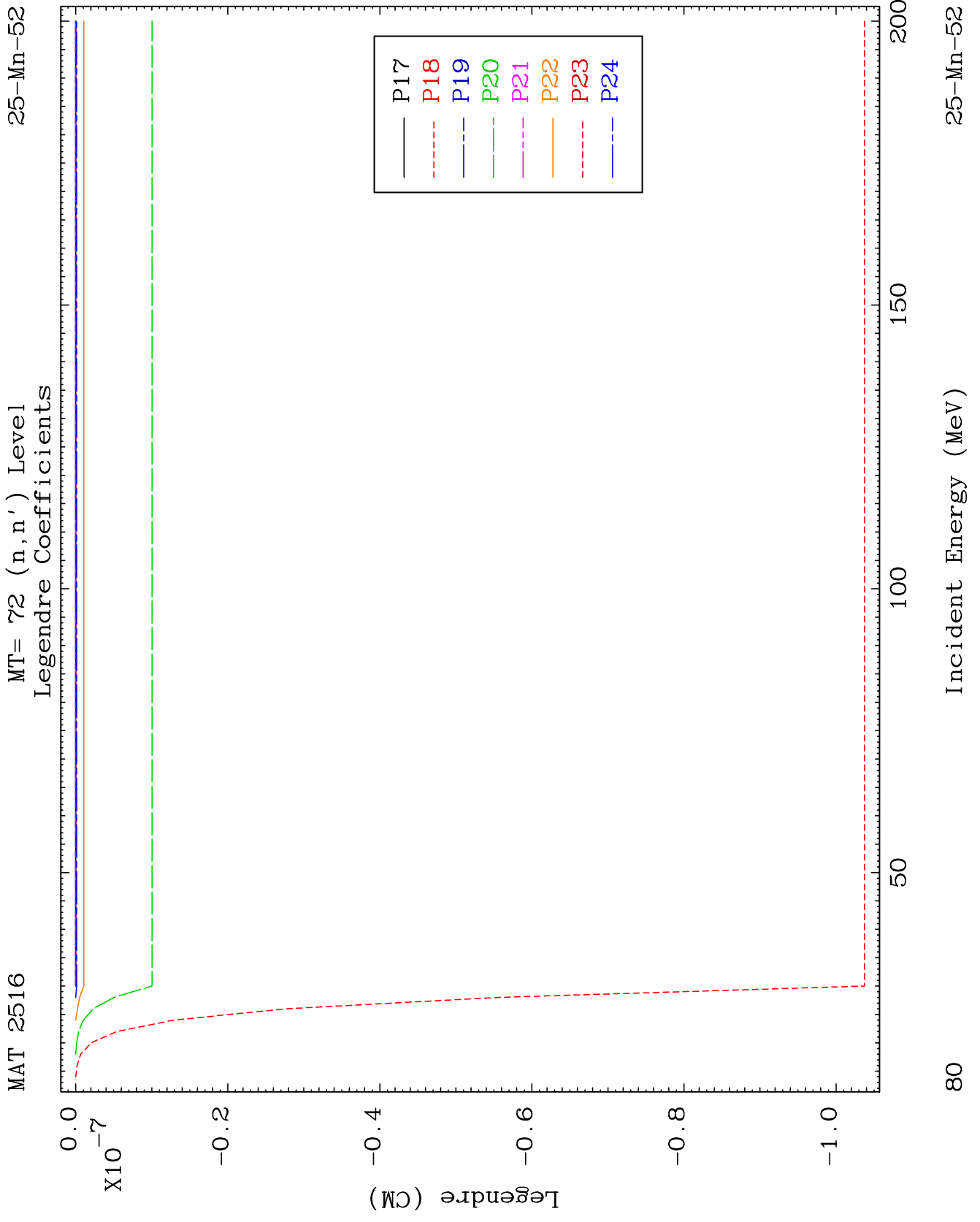


79

Incident Energy (MeV)

25-Mn-52



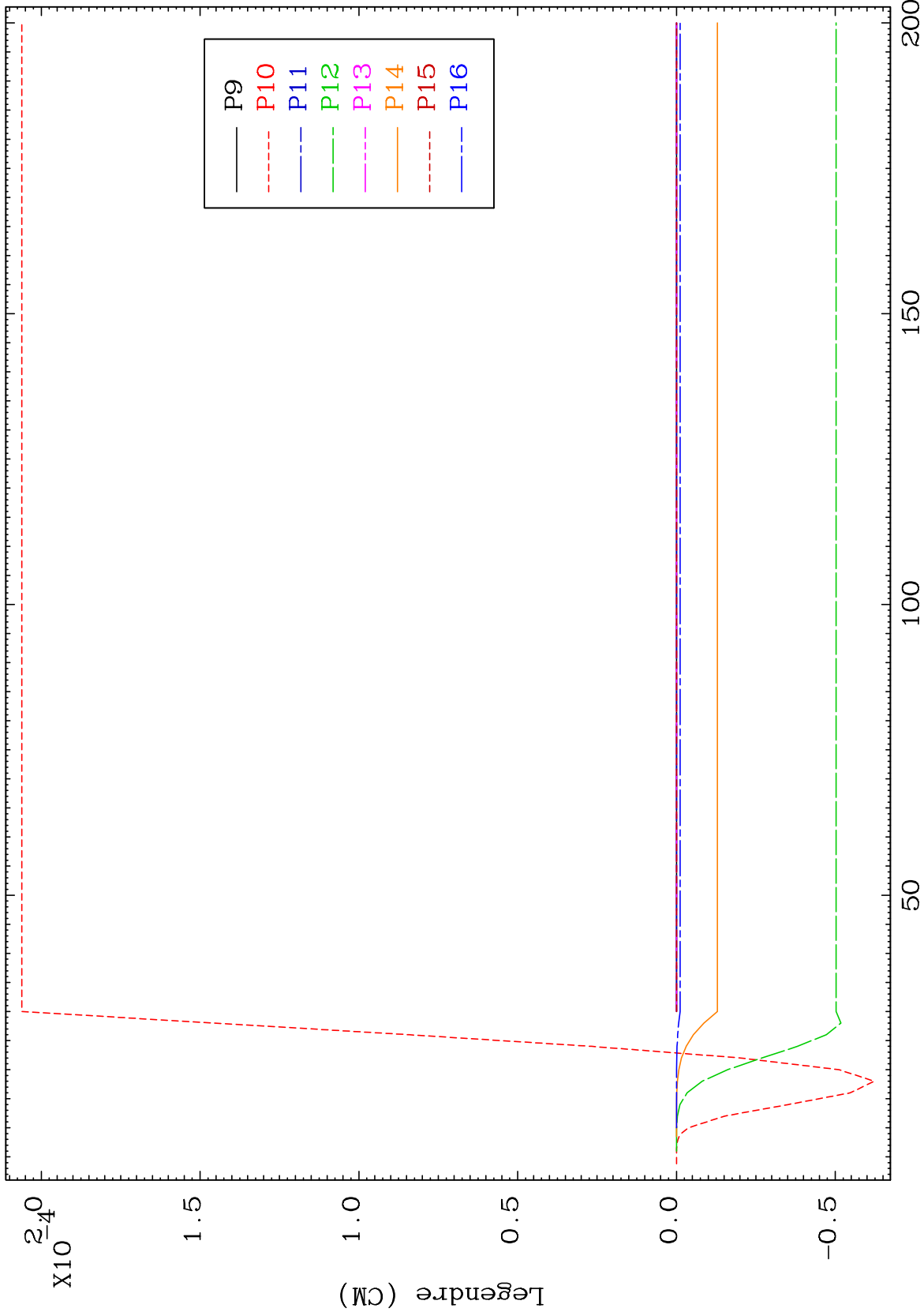




MAT 2516

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

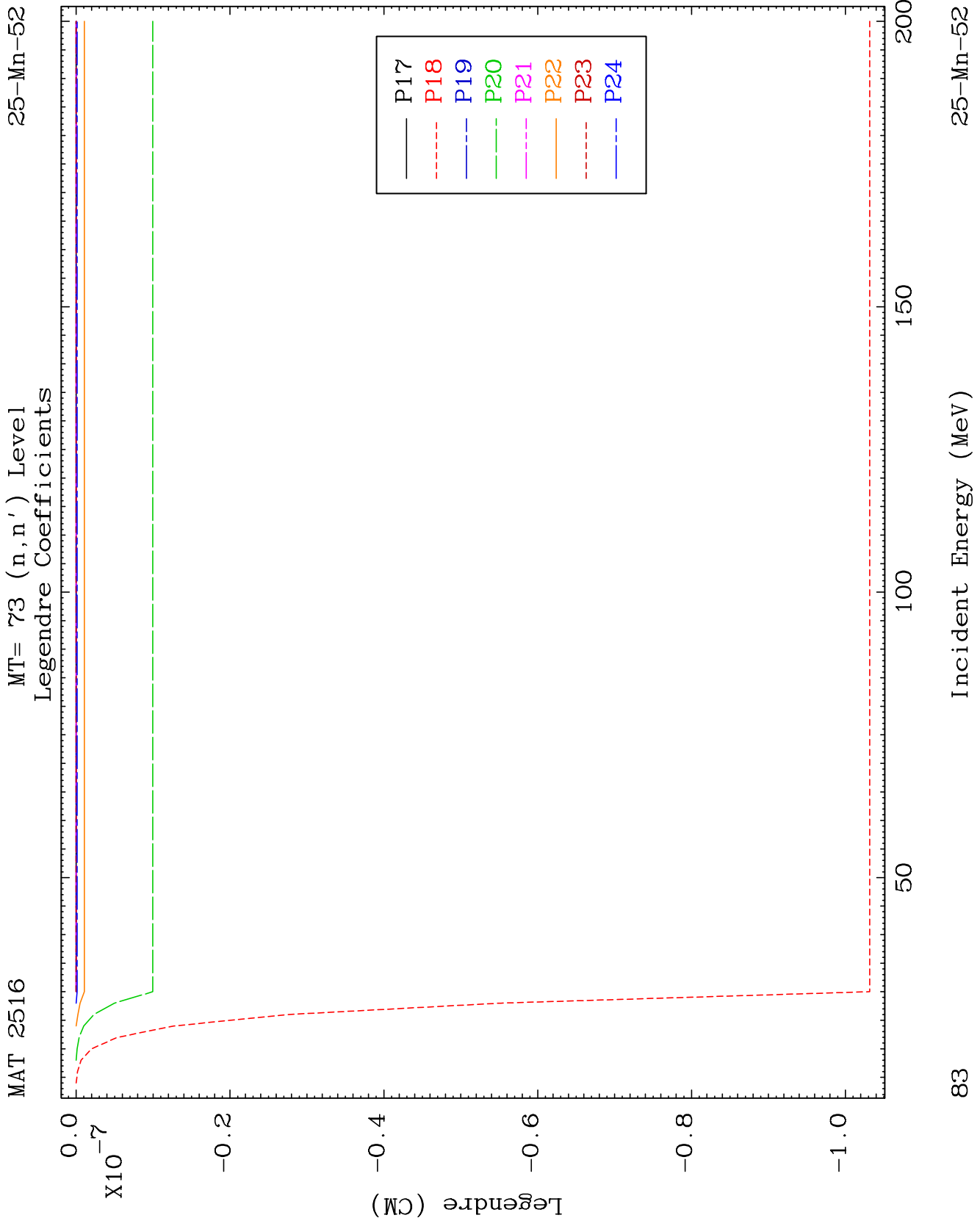
25-Mn-52

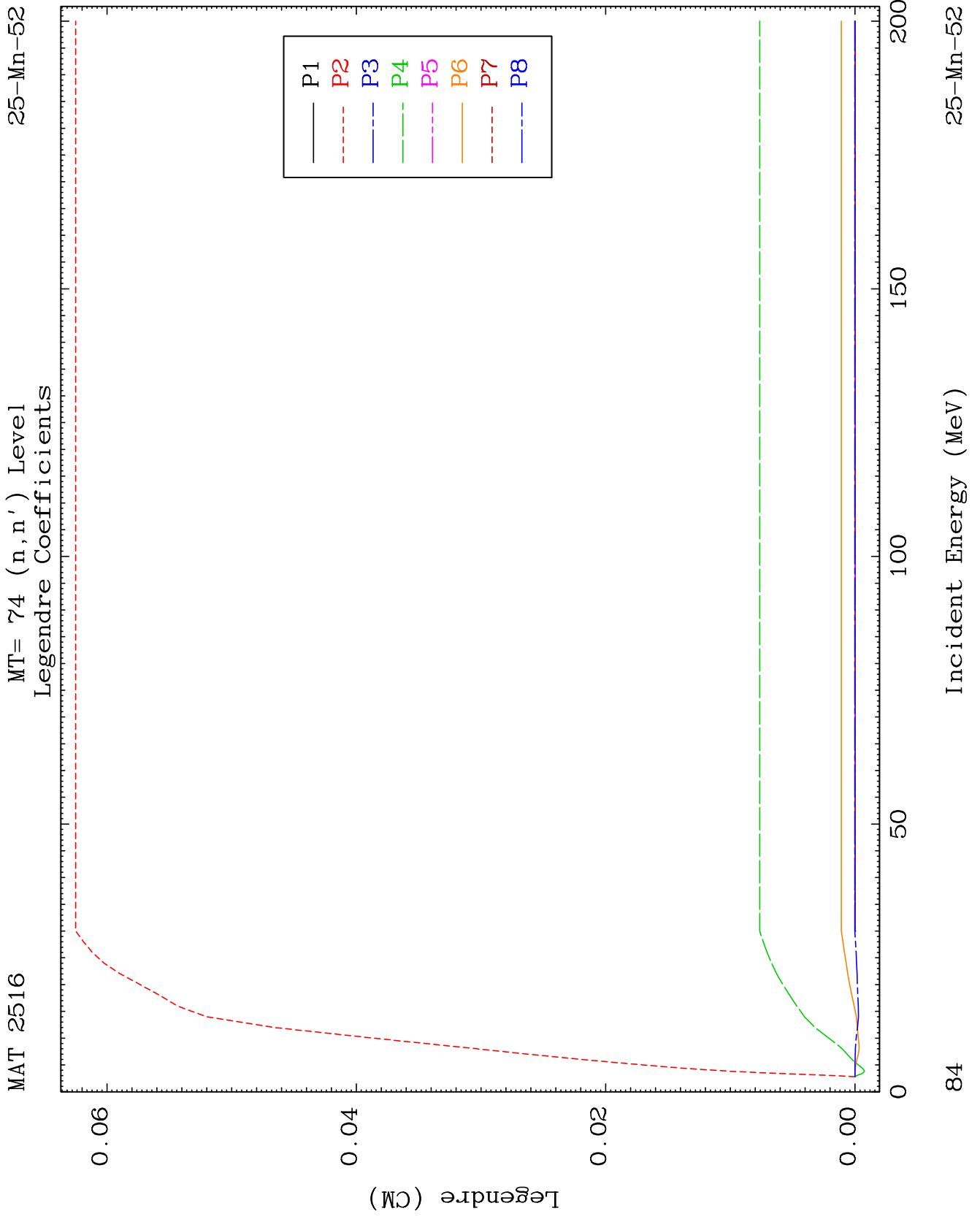


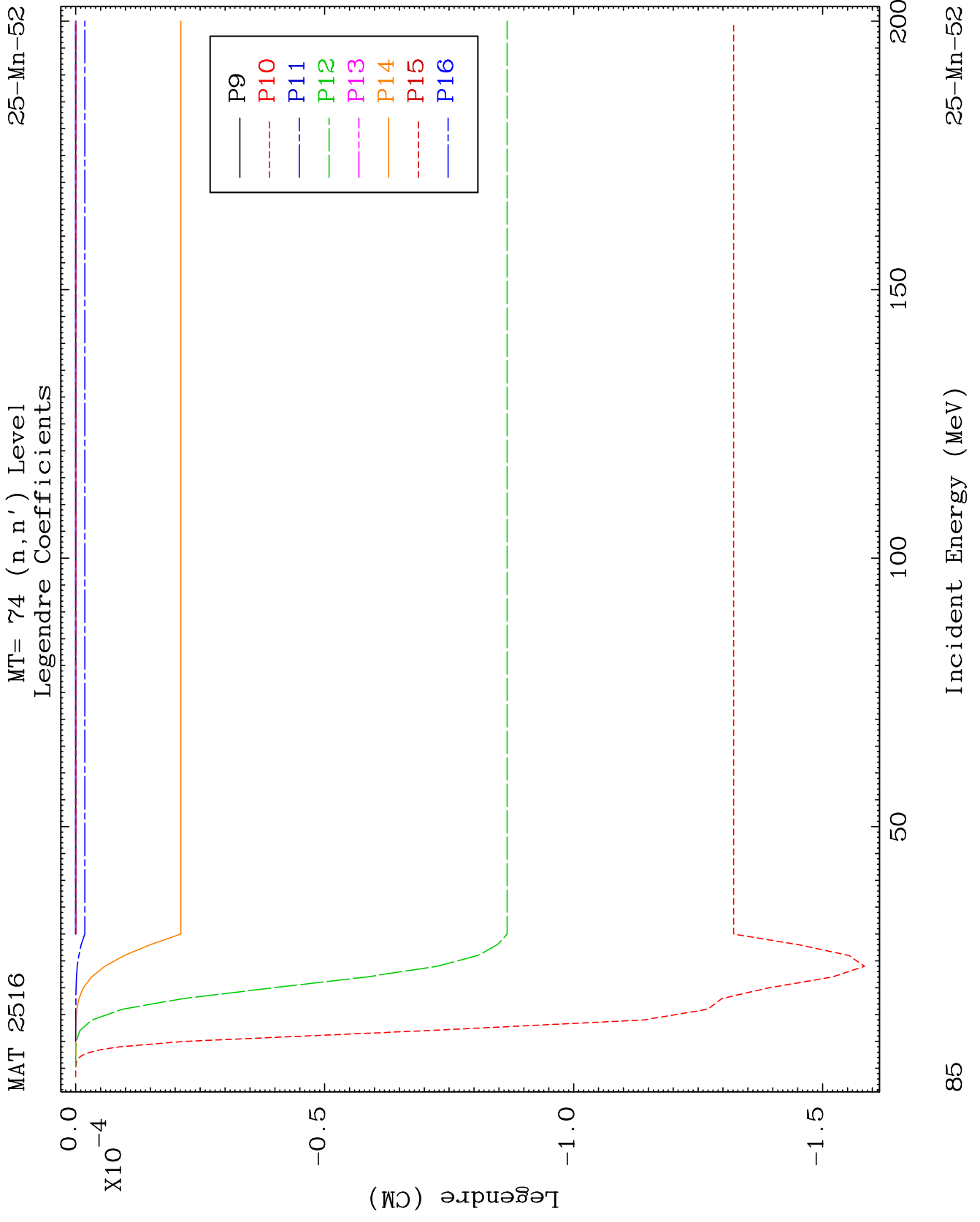
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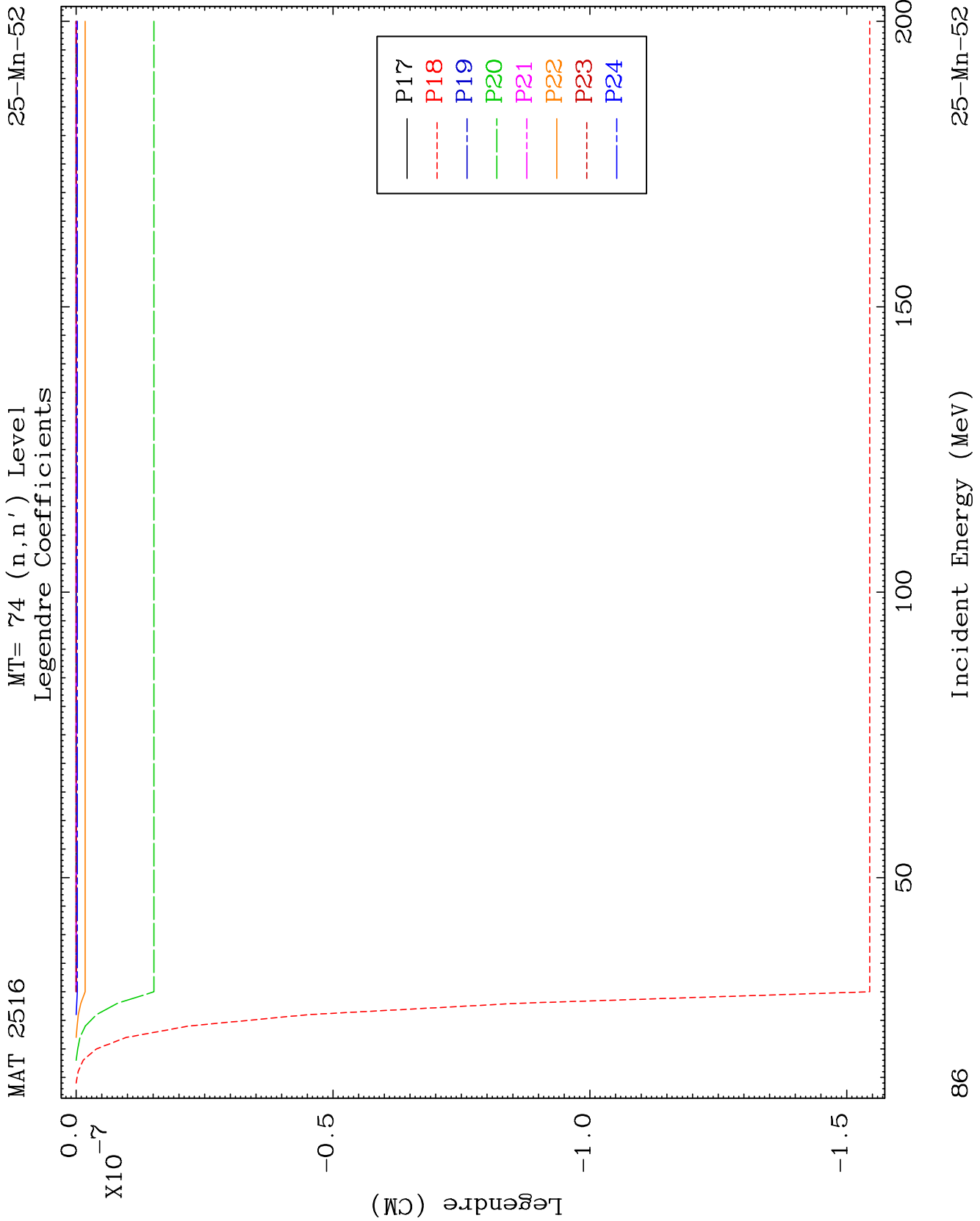
Incident Energy (MeV)

25-Mn-52





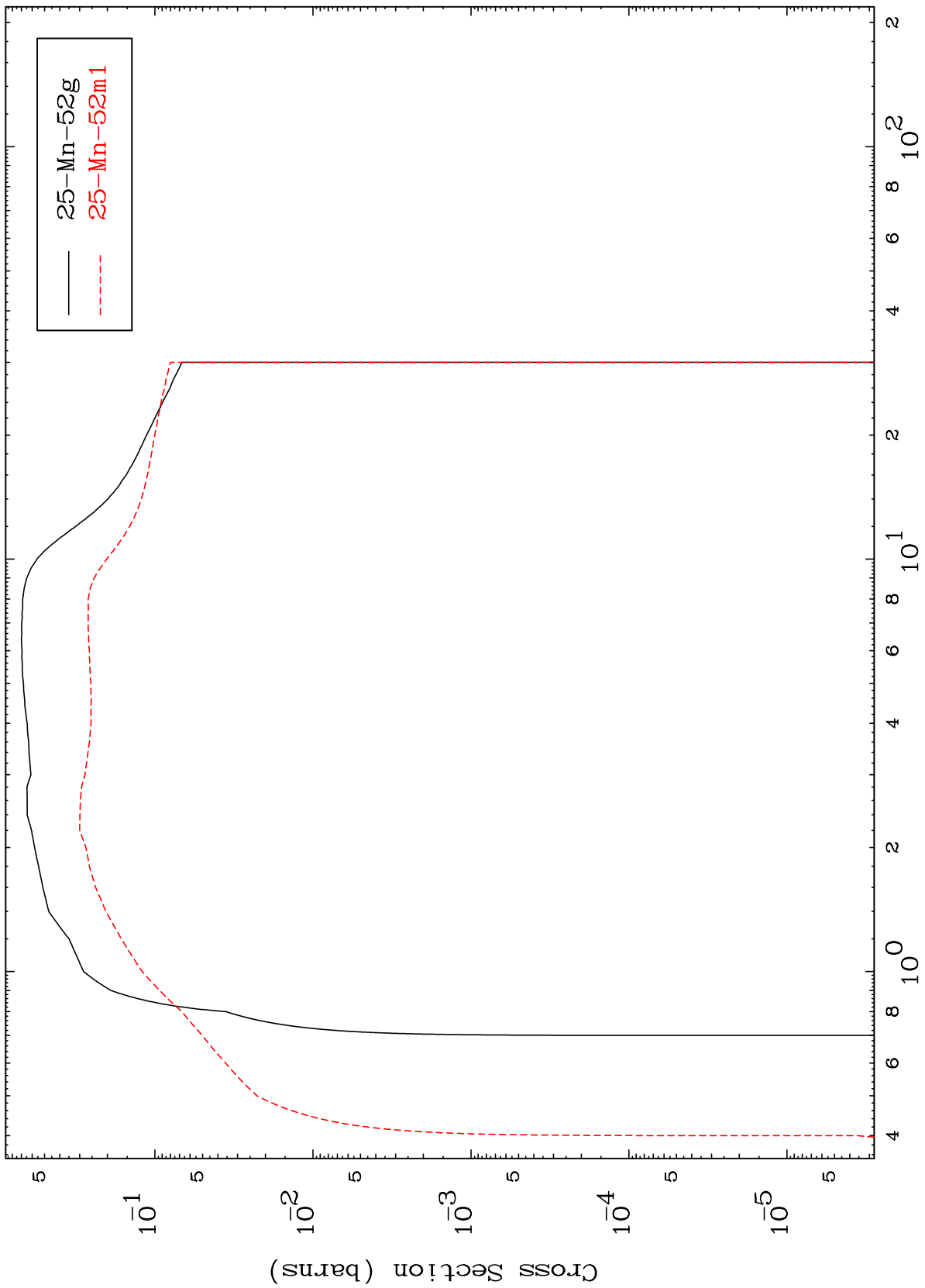




MAT 2516

25-Mn-52

Inelastic  
Radionuclide Production Cross Section



87

Incident Energy (MeV)

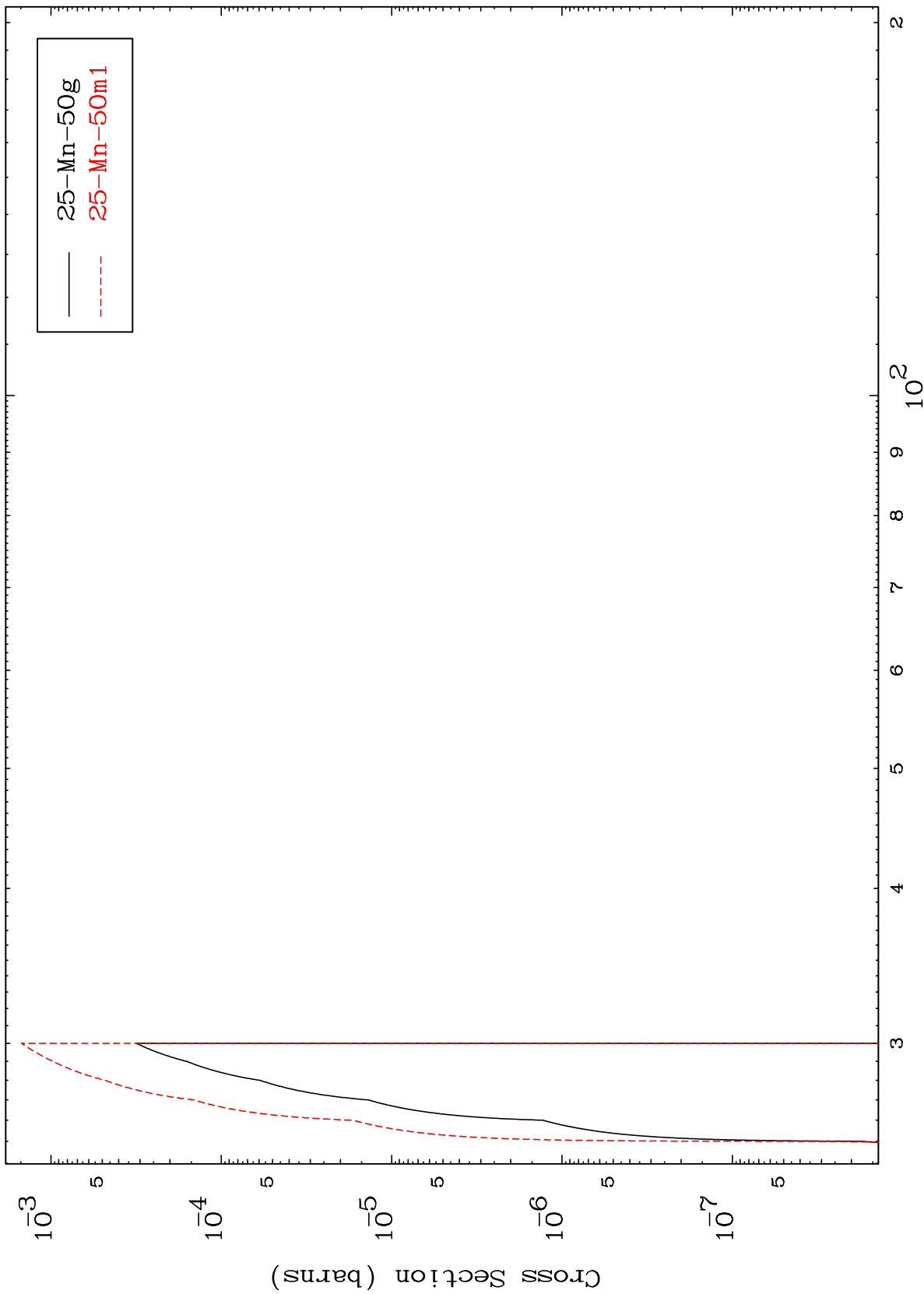
25-Mn-52



MAT 2516

25-Mn-52

(n,3n)  
Radionuclide Production Cross Section



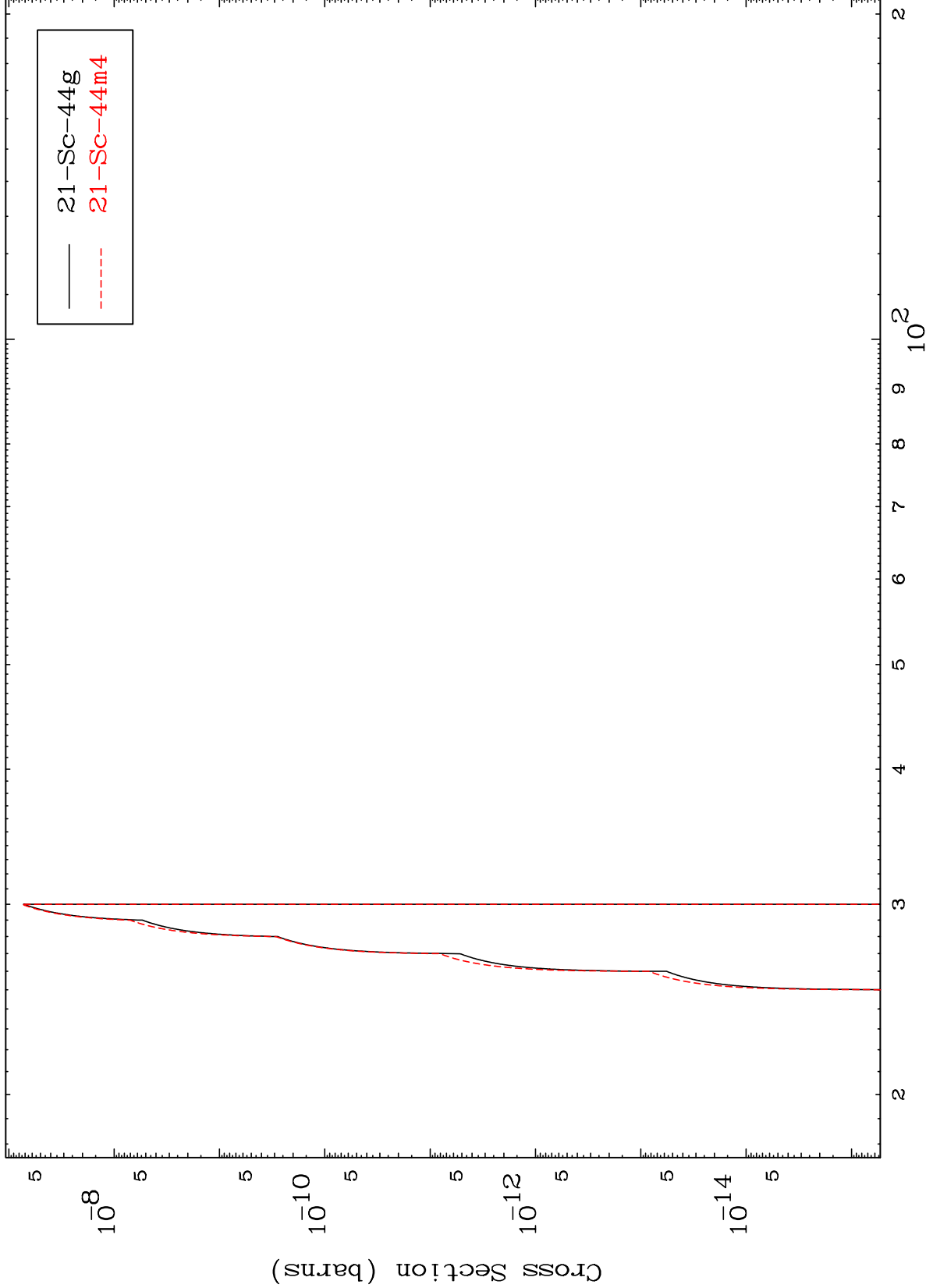
25-Mn-50g  
25-Mn-50m1

88

25-Mn-52

Incident Energy (MeV)

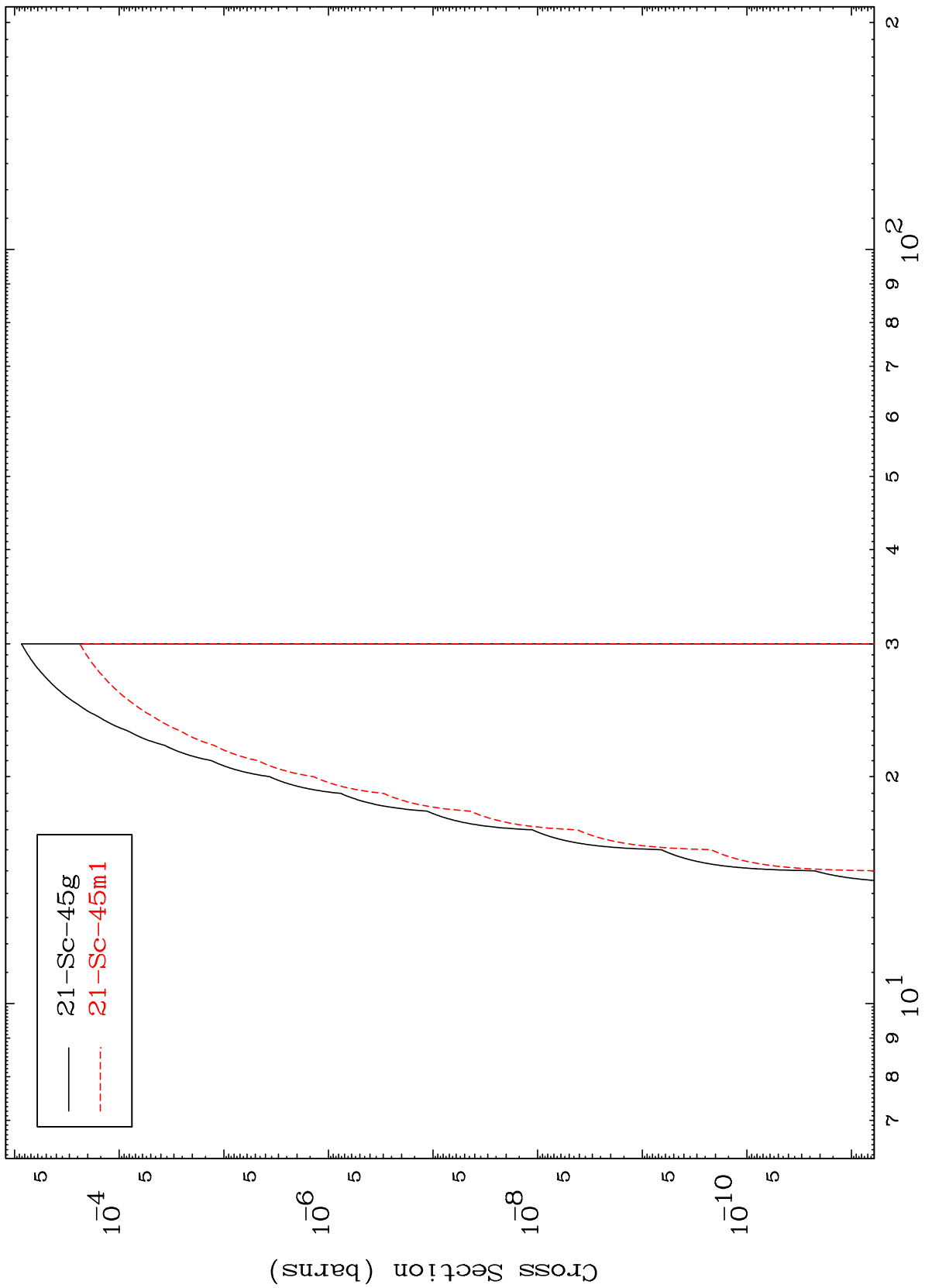
Radionuclide Production Cross Section



MAT 2516

25-Mn-52

(n,2α)  
Radionuclide Production Cross Section



— 21-Sc-45g  
- - - 21-Sc-45m1

90

Incident Energy (MeV)

25-Mn-52