

Program EVALPLOT  
(Version 2021-1)

by

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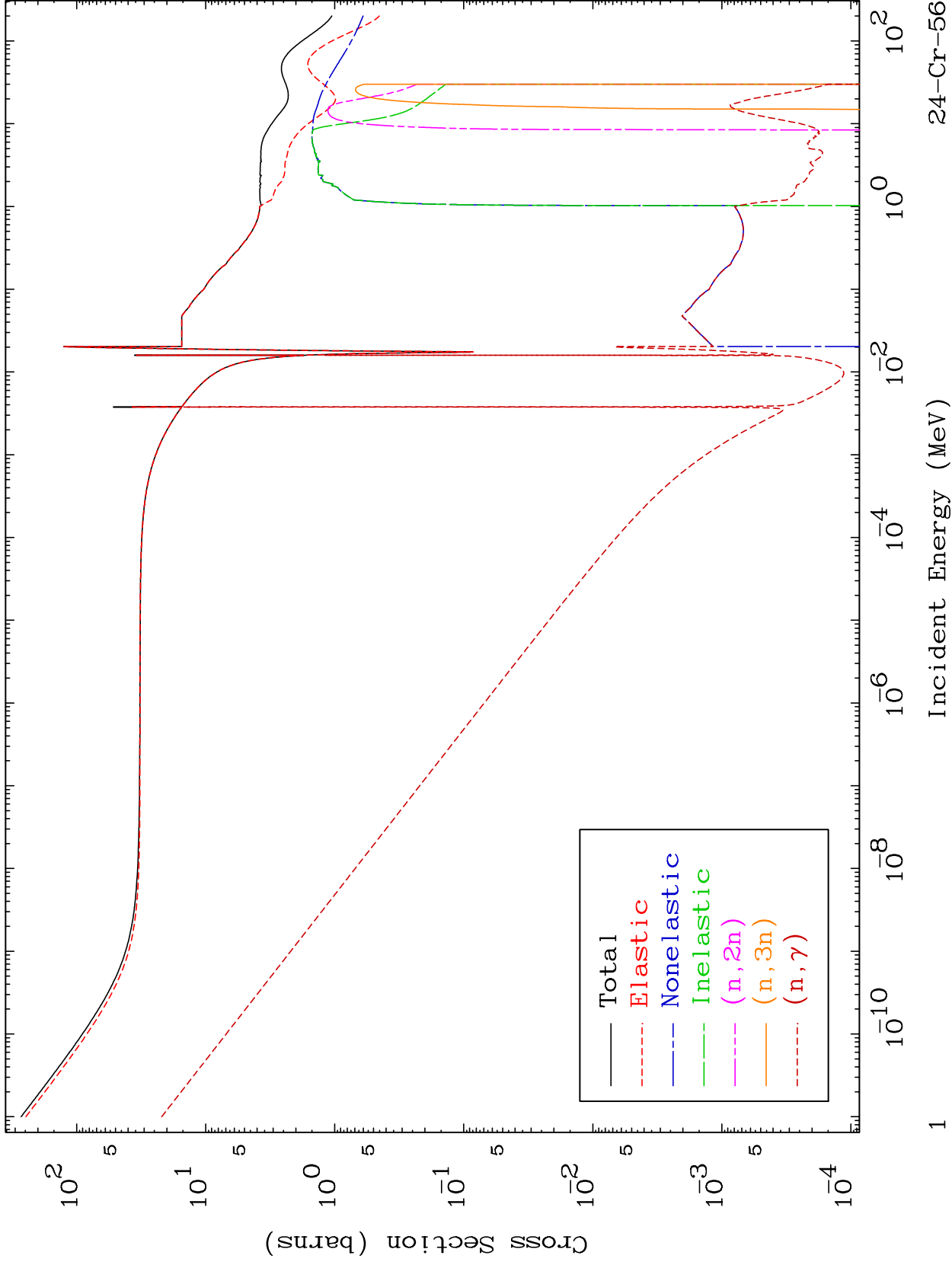
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2443

Neutron Major  
293 Kelvin Cross Sections

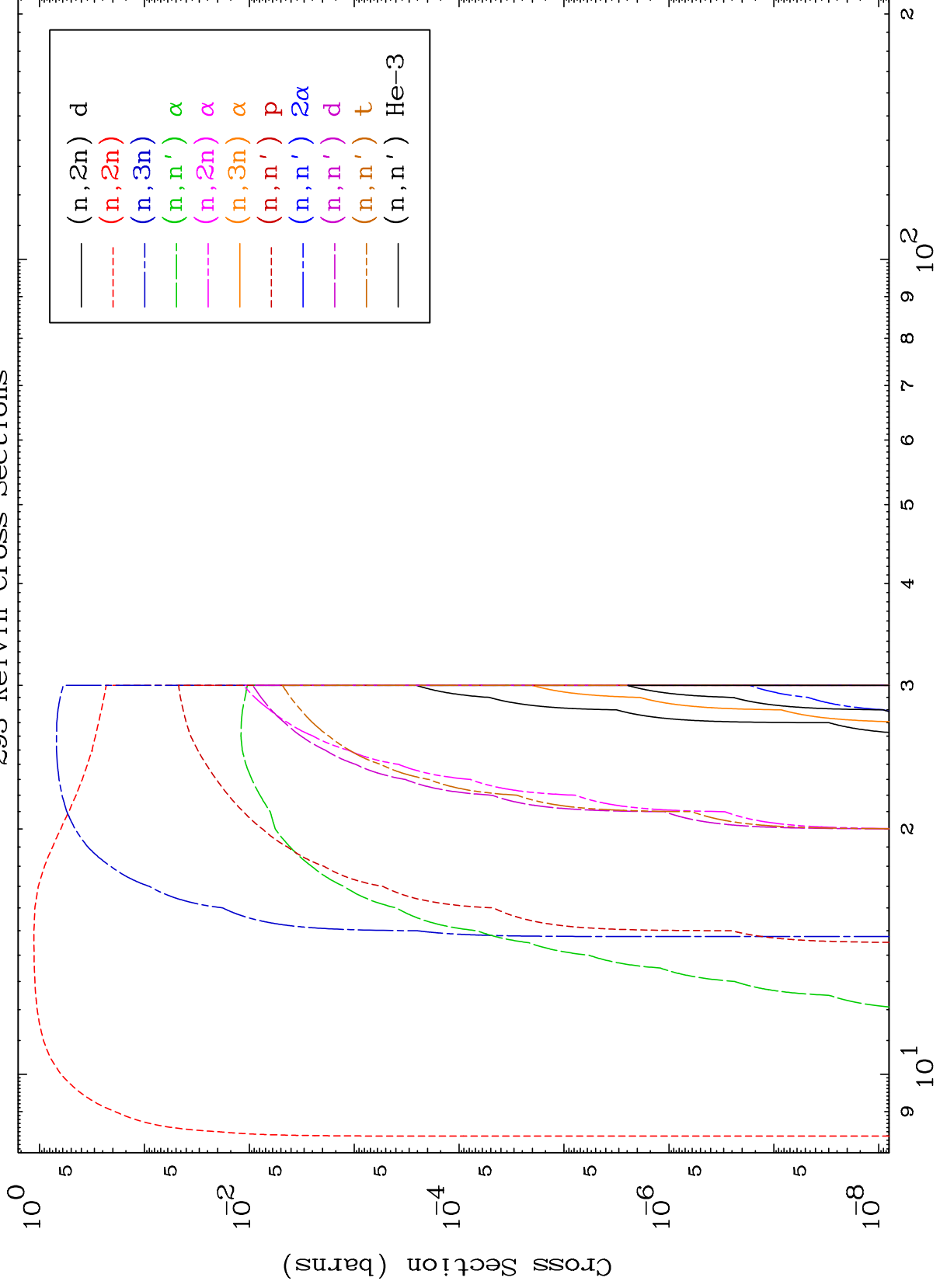
24-Cr-56



MAT 2443

Neutron Absorption  
293 Kelvin Cross Sections

24-Cr-56



2

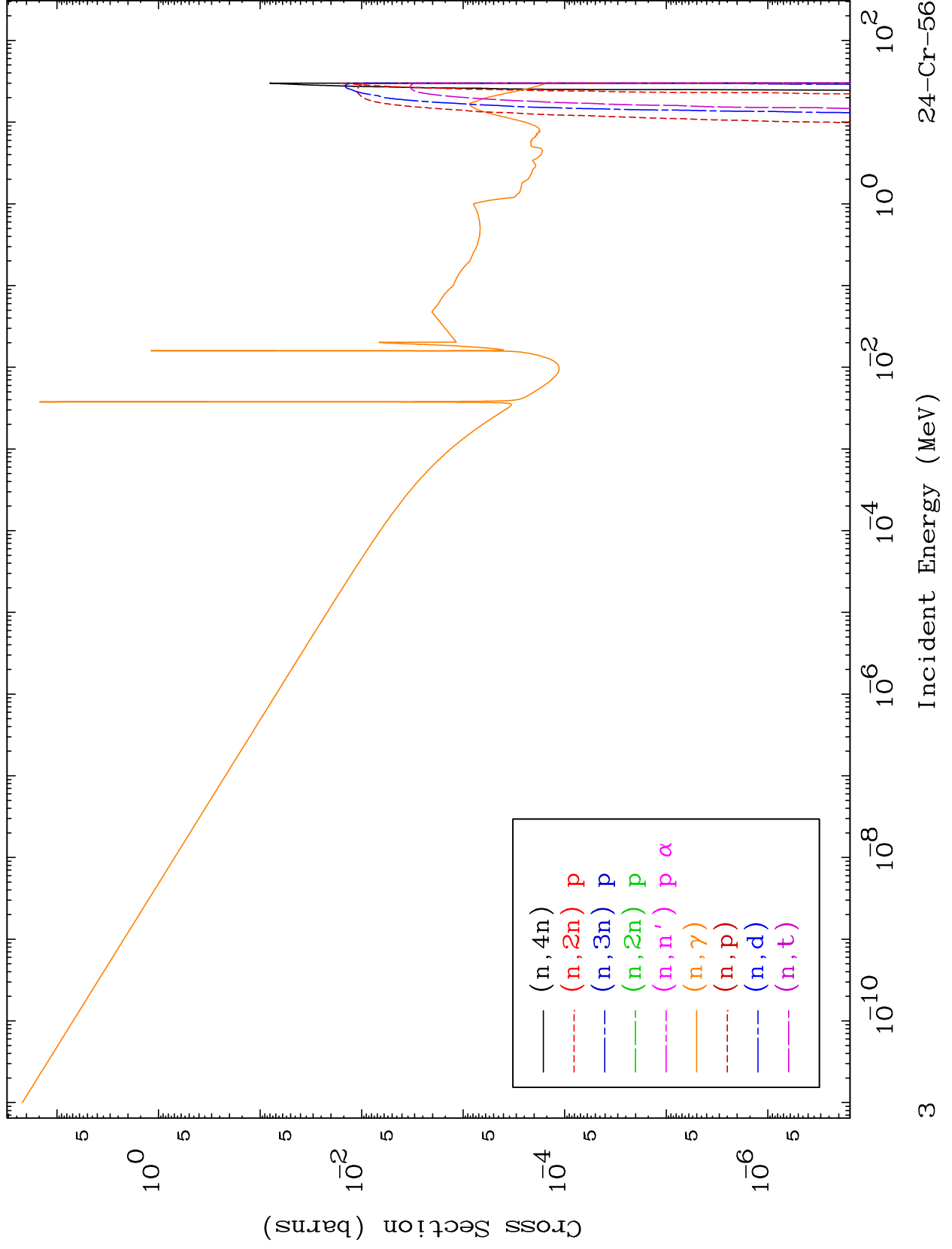
Incident Energy (MeV)

24-Cr-56

MAT 2443

Neutron Absorption  
293 Kelvin Cross Sections

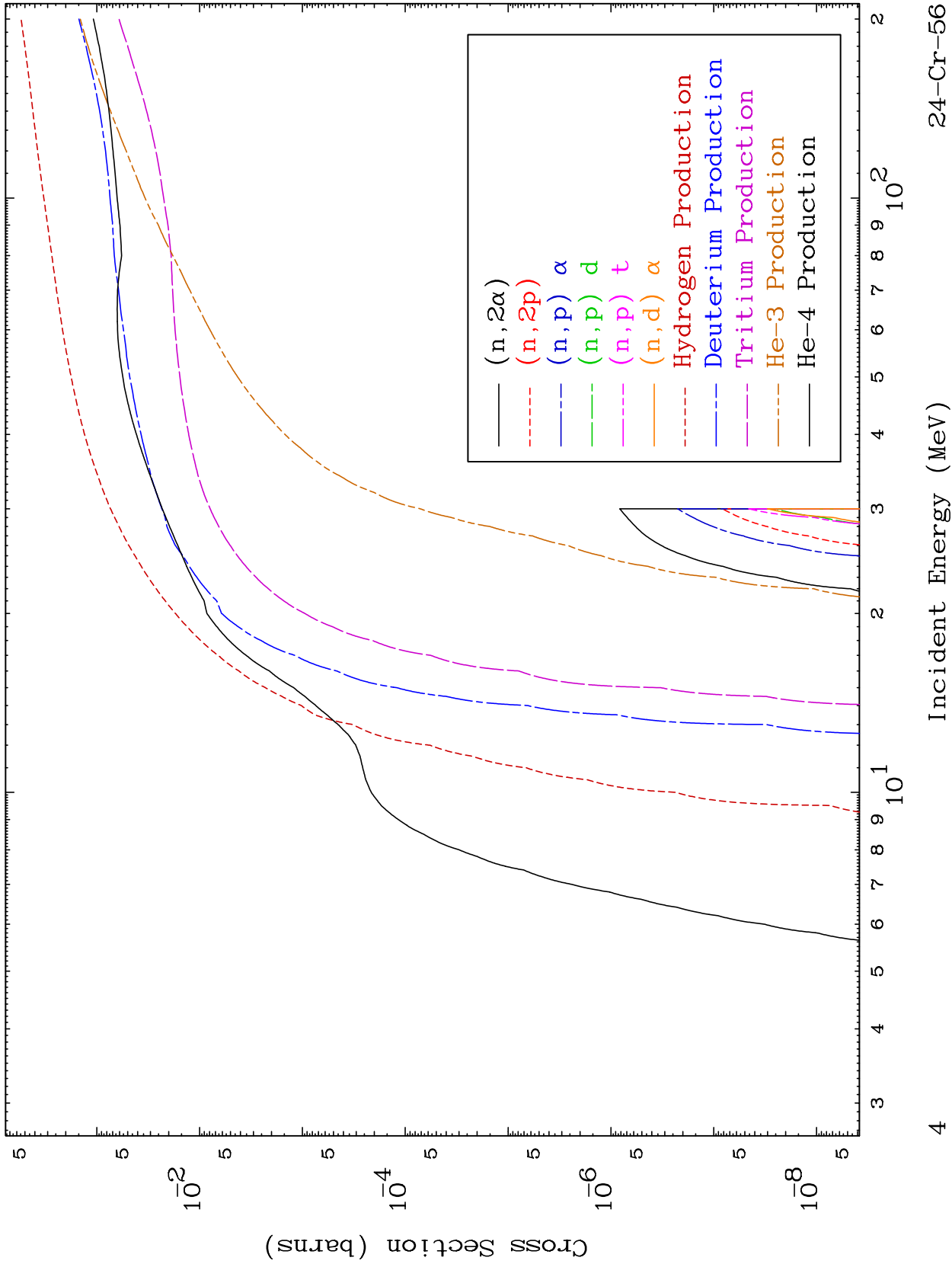
24-Cr-56



MAT 2443

Neutron Absorption  
293 Kelvin Cross Sections

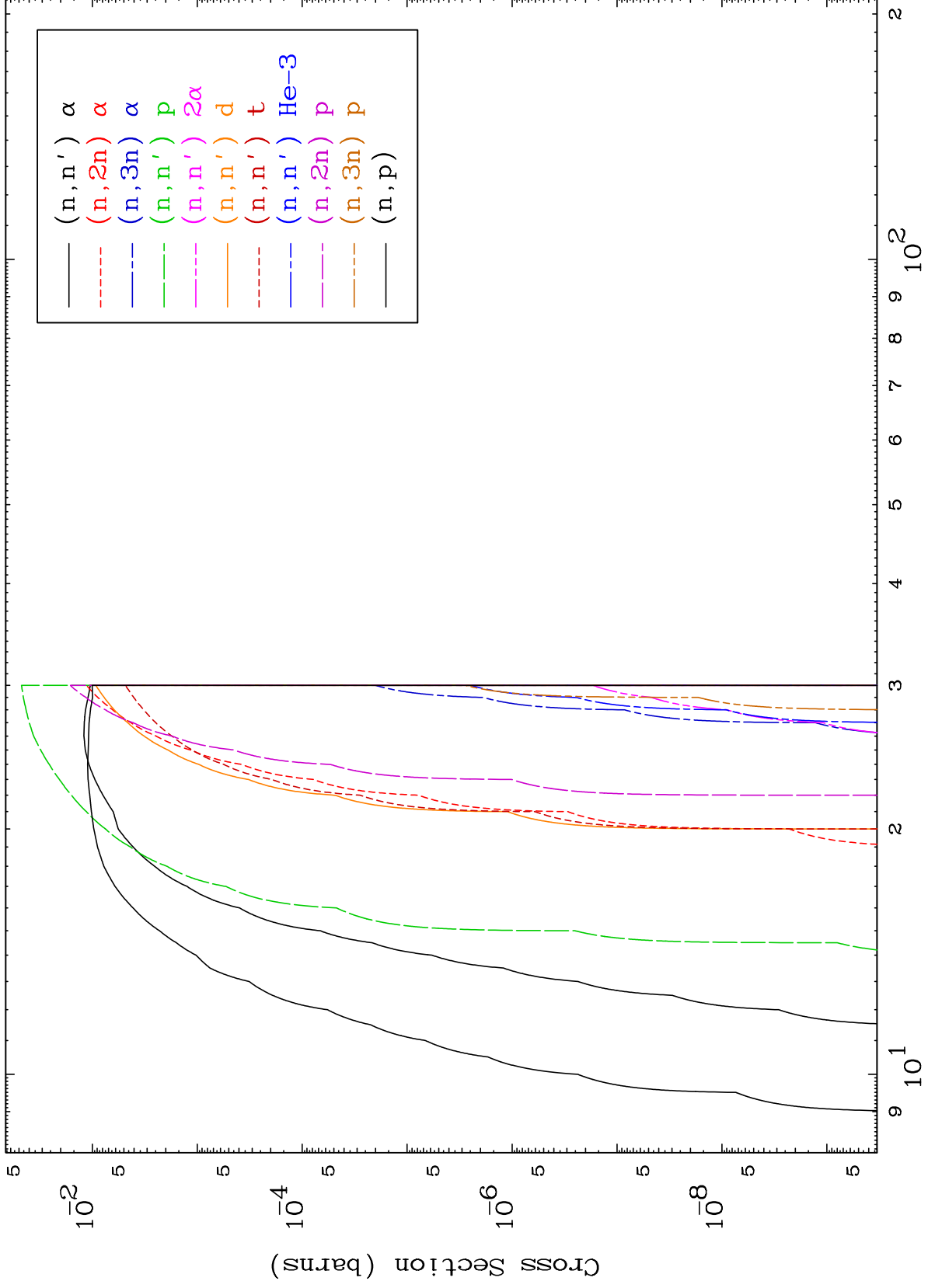
24-Cr-56



MAT 2443

Charged Particle  
293 Kelvin Cross Sections

24-Cr-56



5

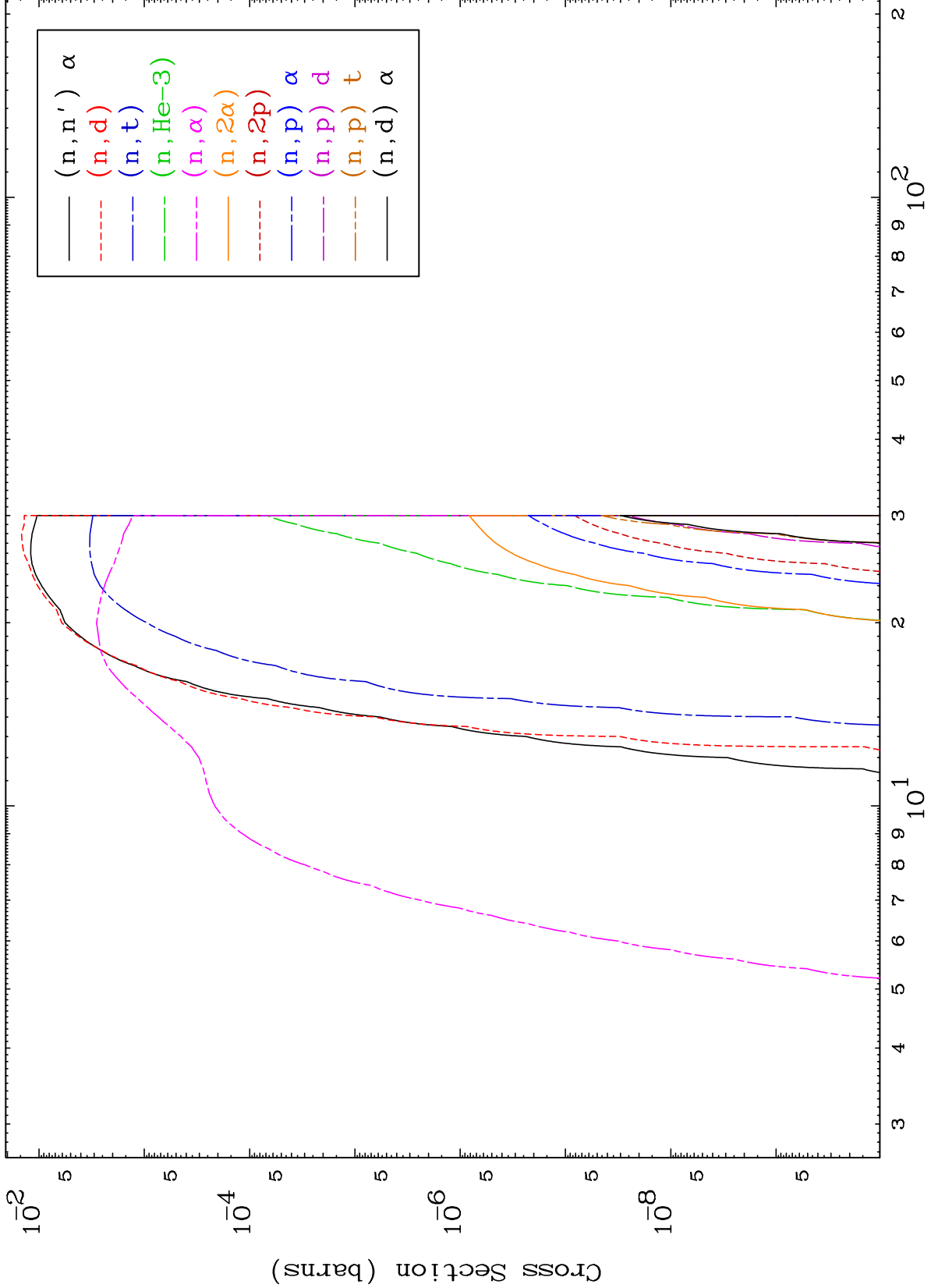
Incident Energy (MeV)

24-Cr-56

MAT 2443

Charged Particle  
293 Kelvin Cross Sections

24-Cr-56



6

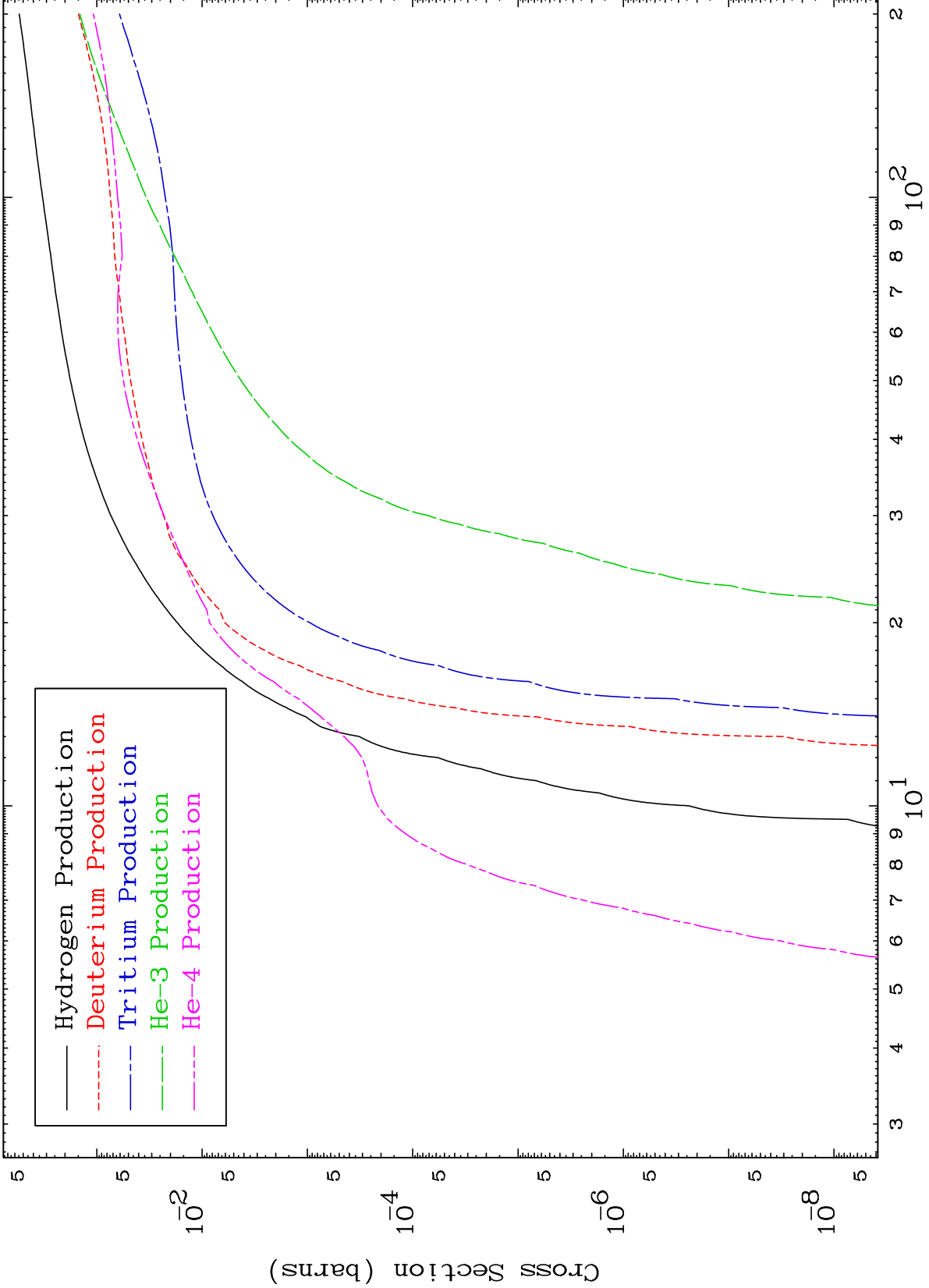
Incident Energy (MeV)

24-Cr-56

MAT 2443

Particle Production  
293 Kelvin Cross Sections

24-Cr-56



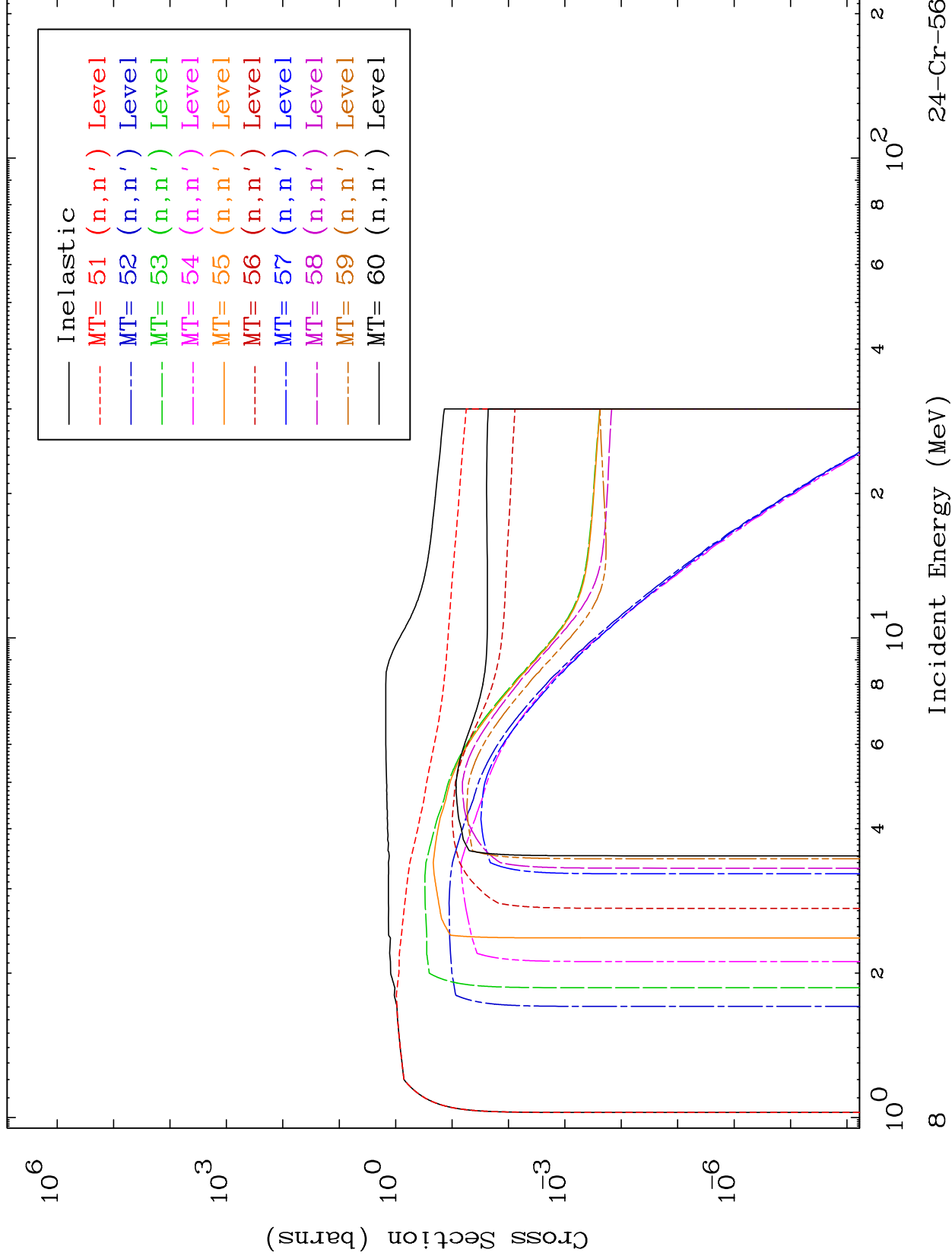


MAT 2443

(n,n') Levels

24-Cr-56

293 Kelvin Cross Sections

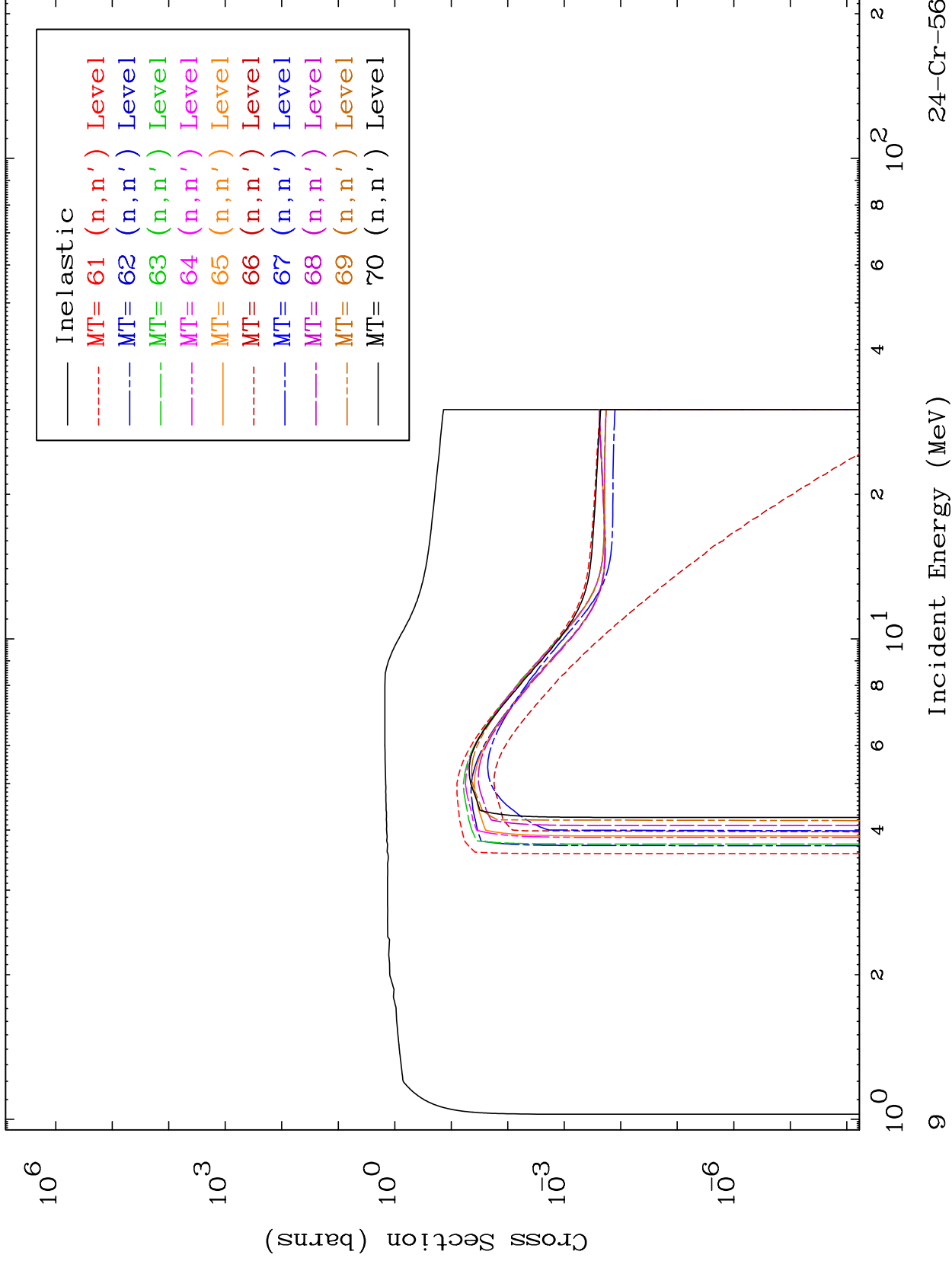


MAT 2443

(n,n') Levels

24-Cr-56

293 Kelvin Cross Sections



Incident Energy (MeV)

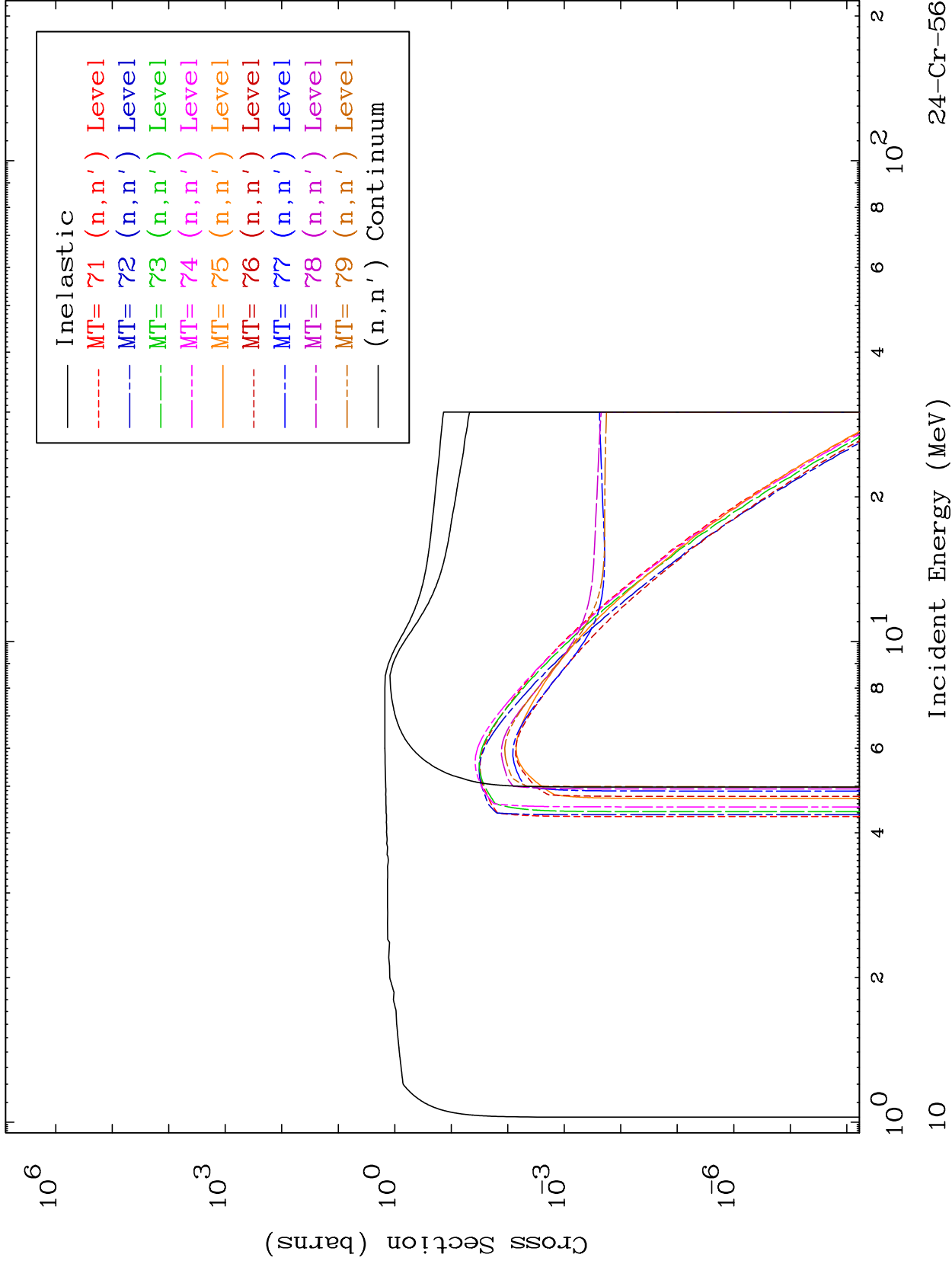
24-Cr-56

MAT 2443

(n,n') Levels

293 Kelvin Cross Sections

24-Cr-56



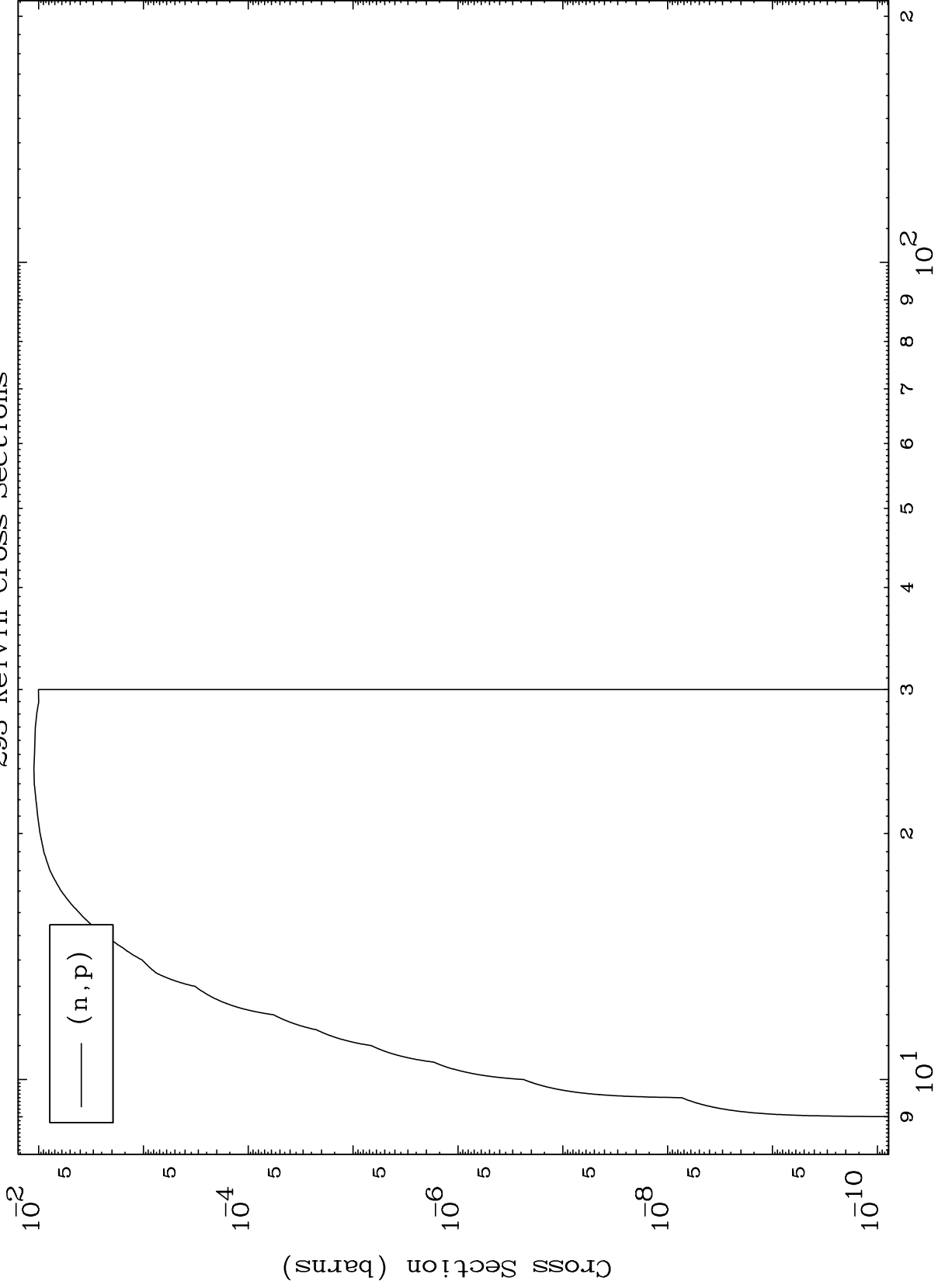
24-Cr-56

Incident Energy (MeV)

MAT 2443

(n,p) Levels  
293 Kelvin Cross Sections

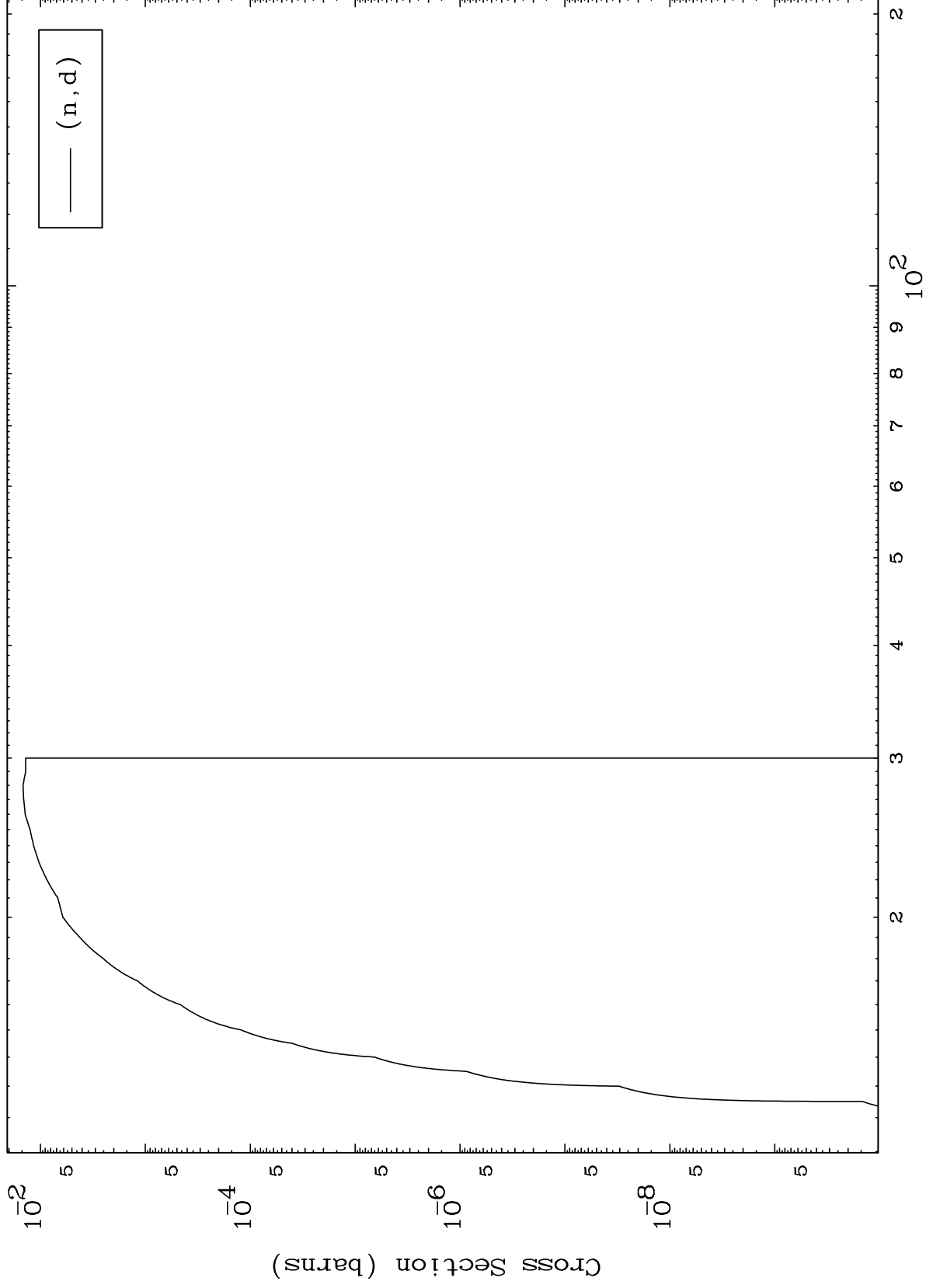
24-Cr-56



MAT 2443

(n,d) Levels  
293 Kelvin Cross Sections

24-Cr-56



12

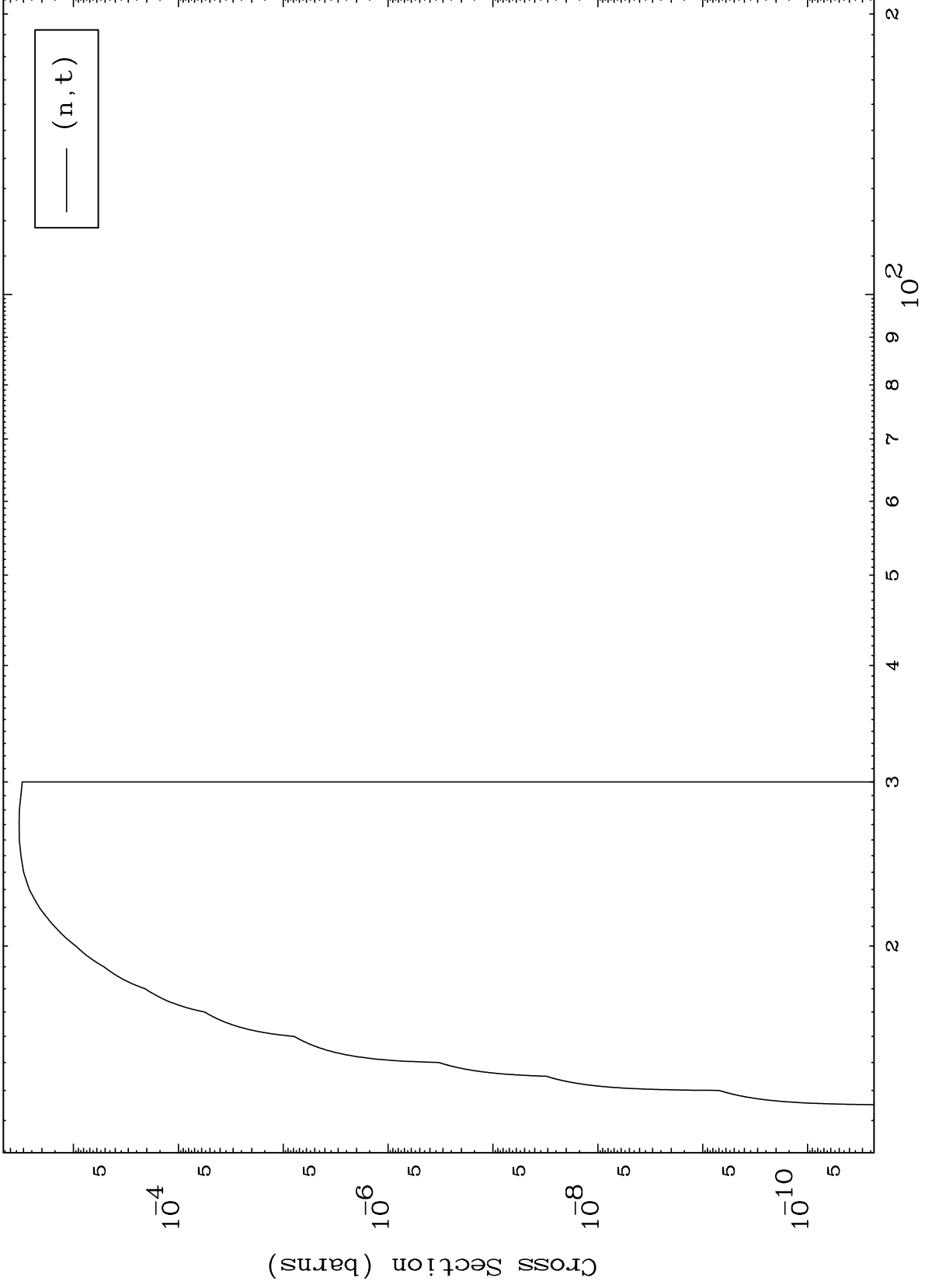
Incident Energy (MeV)

24-Cr-56

MAT 2443

(n,t) Levels  
293 Kelvin Cross Sections

24-Cr-56



13

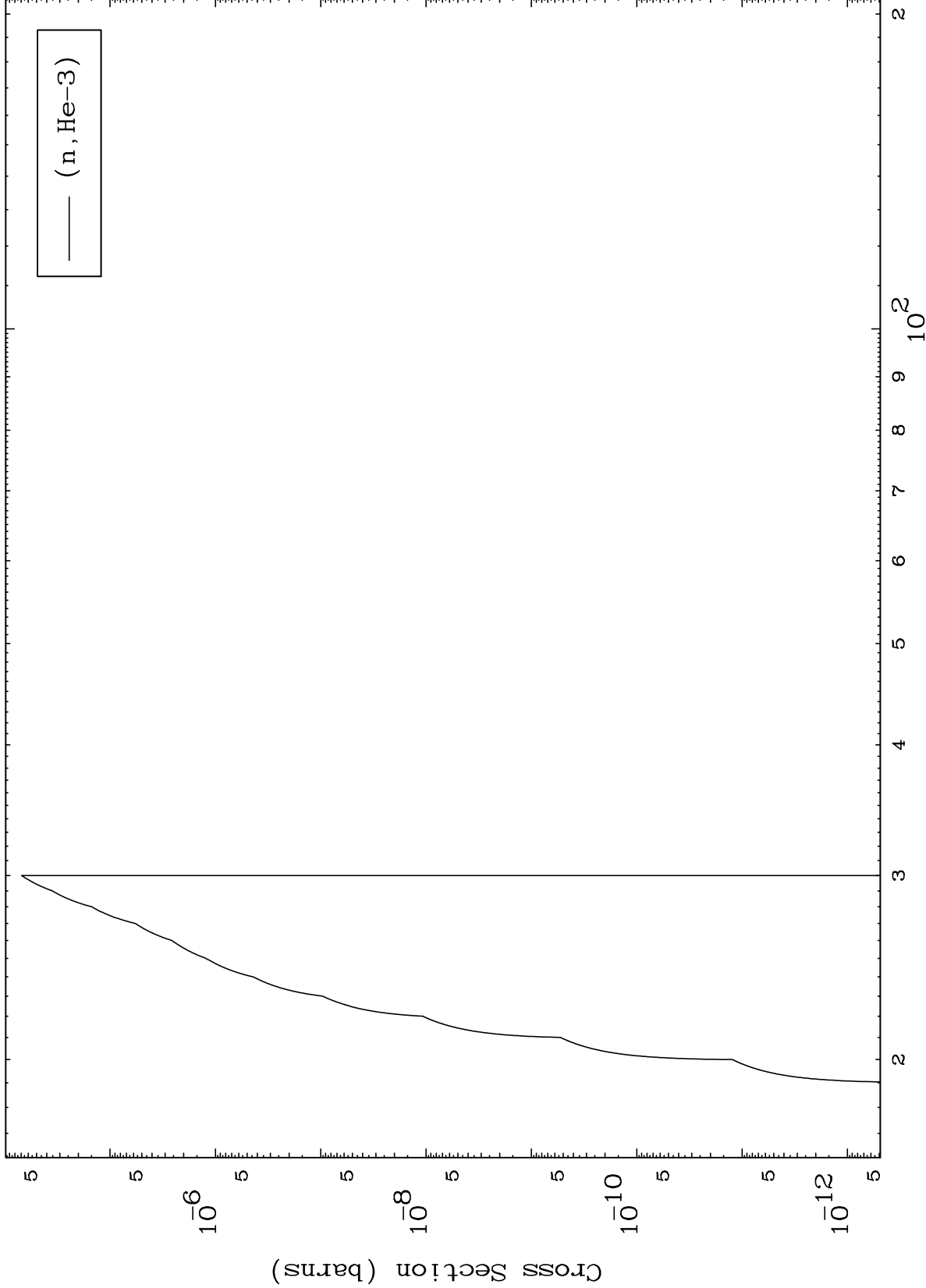
Incident Energy (MeV)

24-Cr-56

MAT 2443

(n,He3) Levels  
293 Kelvin Cross Sections

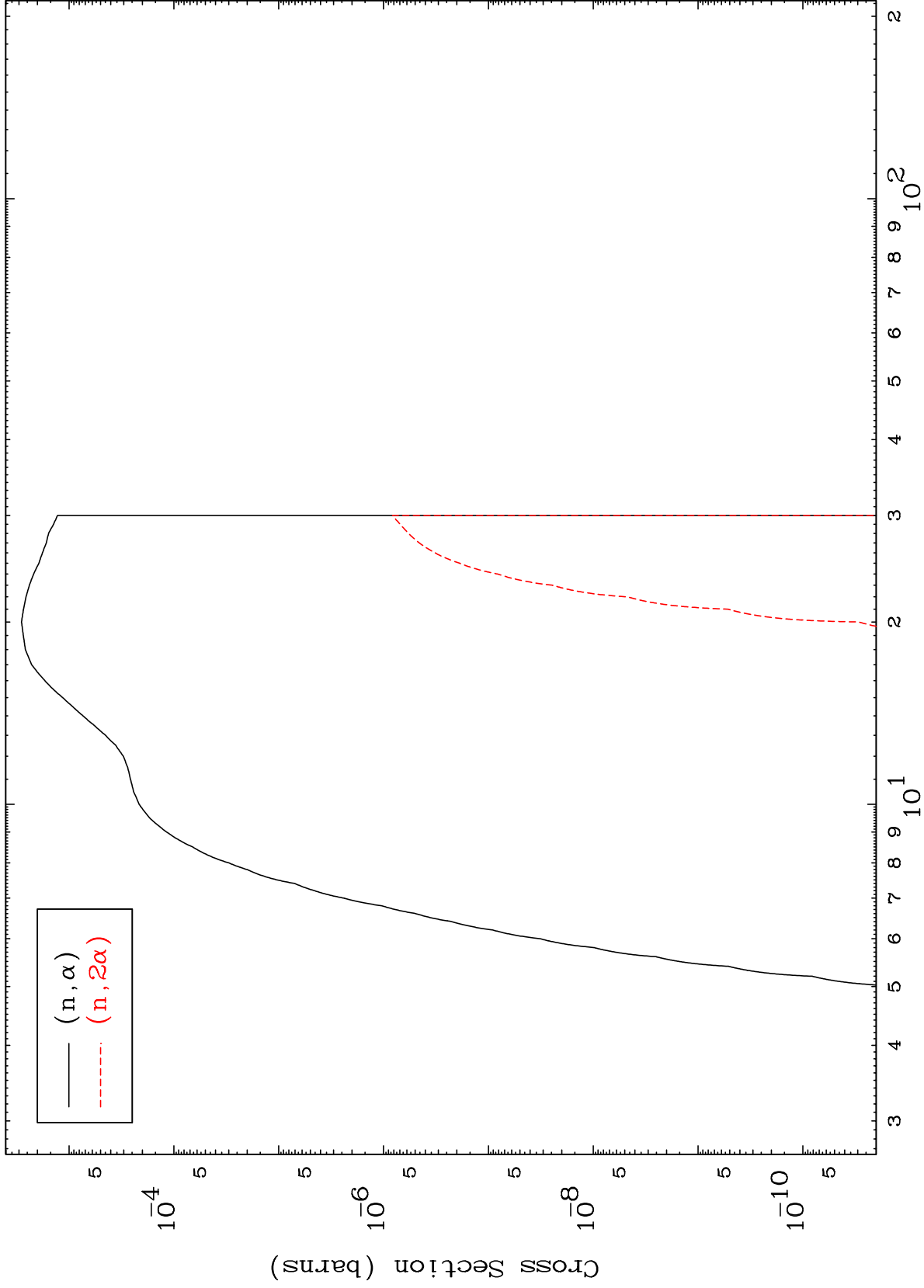
24-Cr-56



MAT 2443

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

24-Cr-56



15

Incident Energy (MeV)

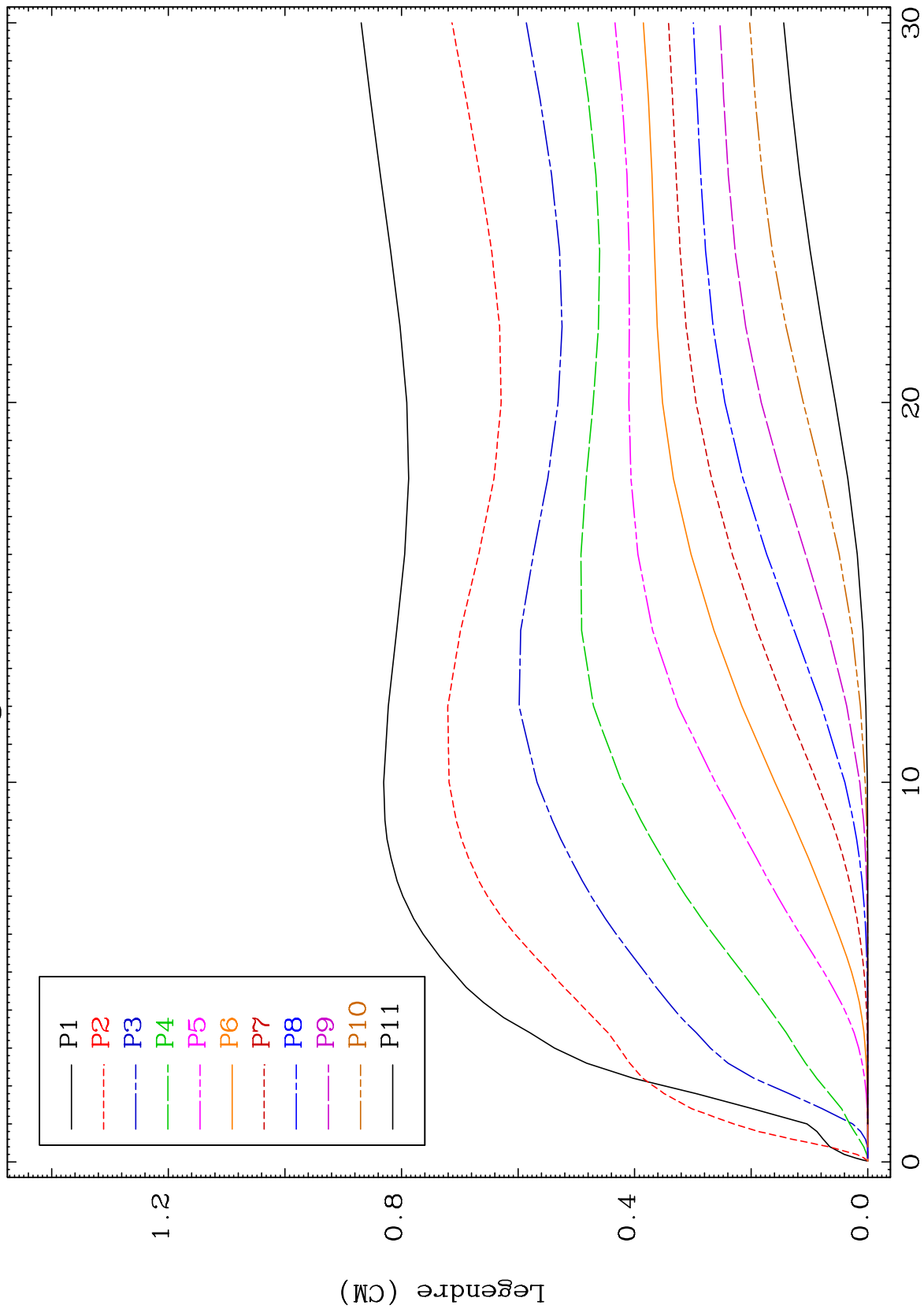
24-Cr-56



MAT 2443

Elastic Legendre Coefficients

<sup>24</sup>Cr-56



16

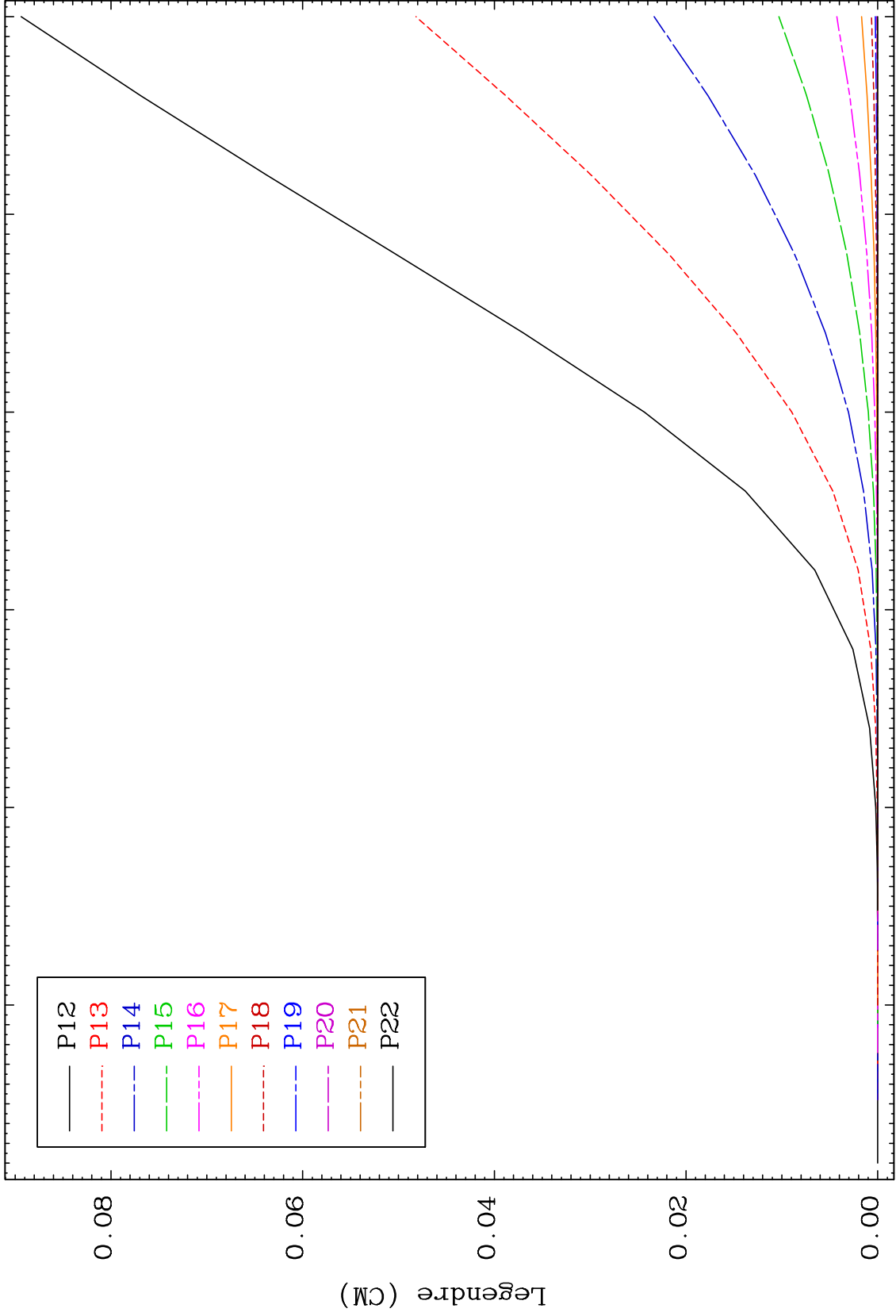
Incident Energy (MeV)

<sup>24</sup>Cr-56

MAT 2443

Elastic  
Legendre Coefficients

24-Cr-56



17

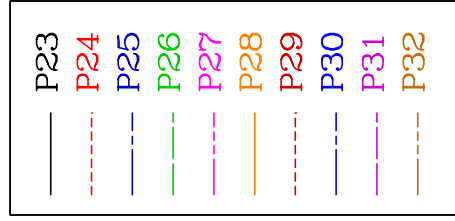
Incident Energy (MeV)

24-Cr-56

MAT 2443

Elastic  
Legendre Coefficients

24-Cr-56



$\times 10^{-6}$   
Legendre (CM)

2.0

Legendre (CM)

1.0

0.5

0.0

10

15

20

25

30

18

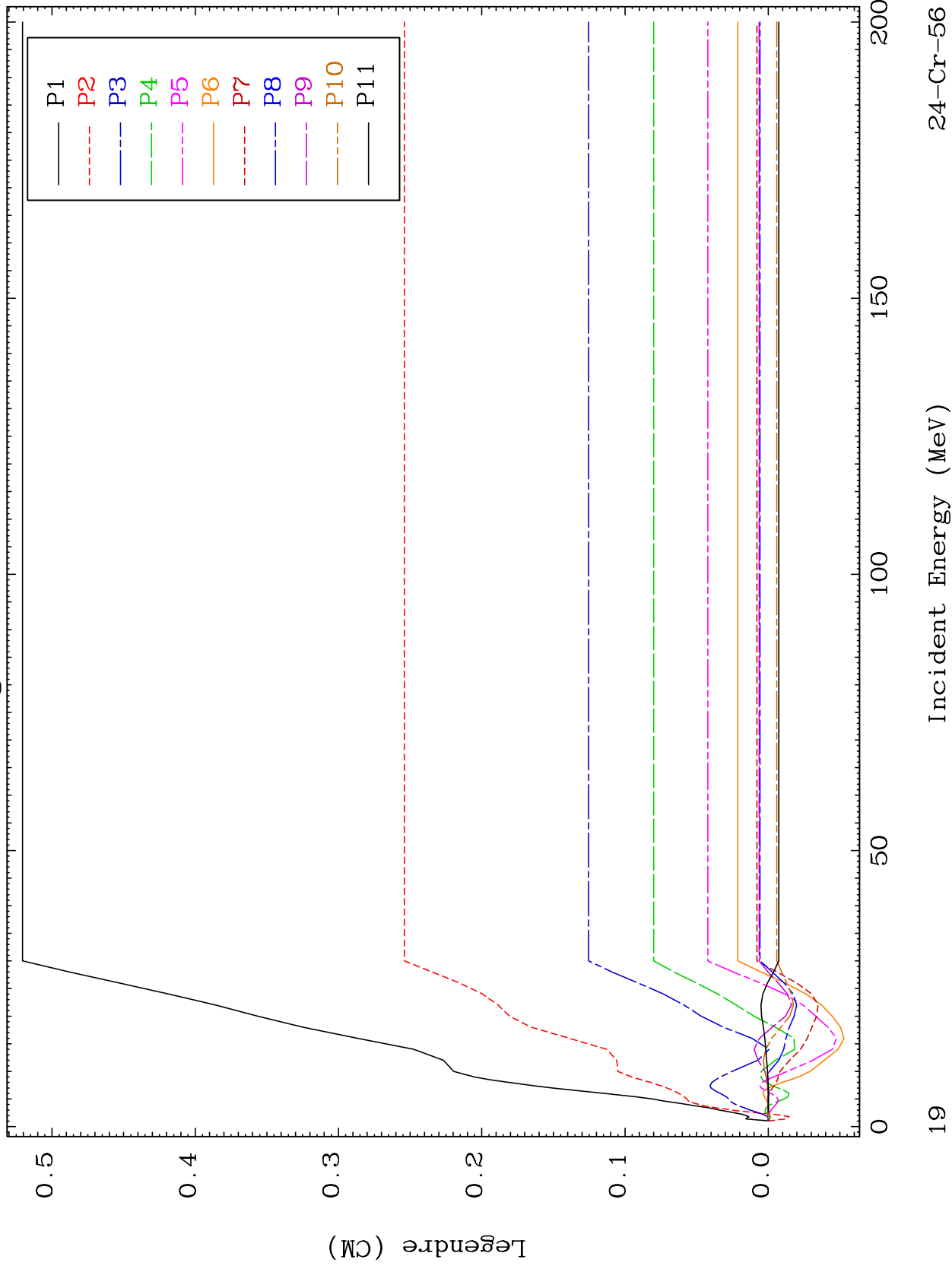
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



19

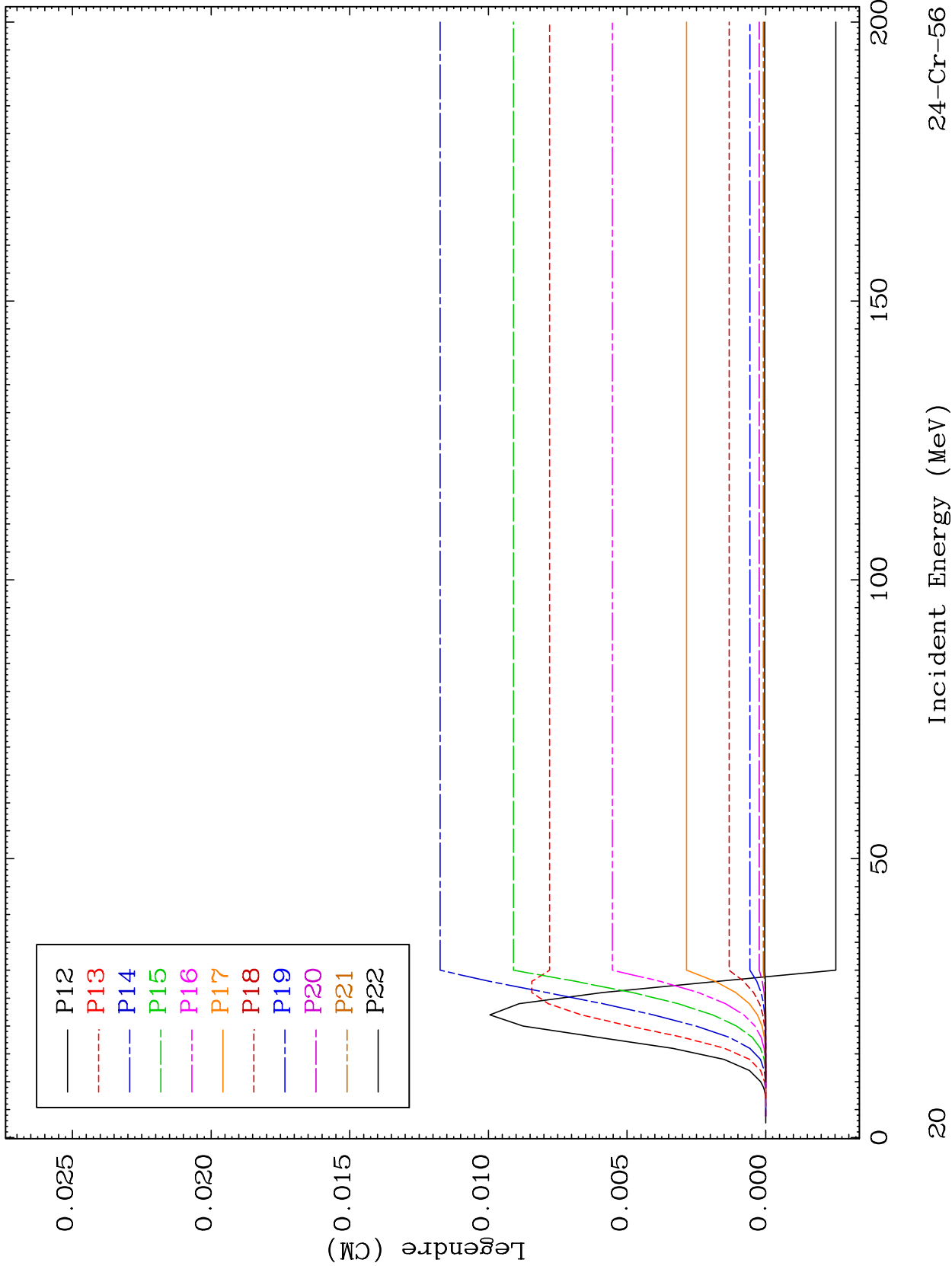
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



24-Cr-56

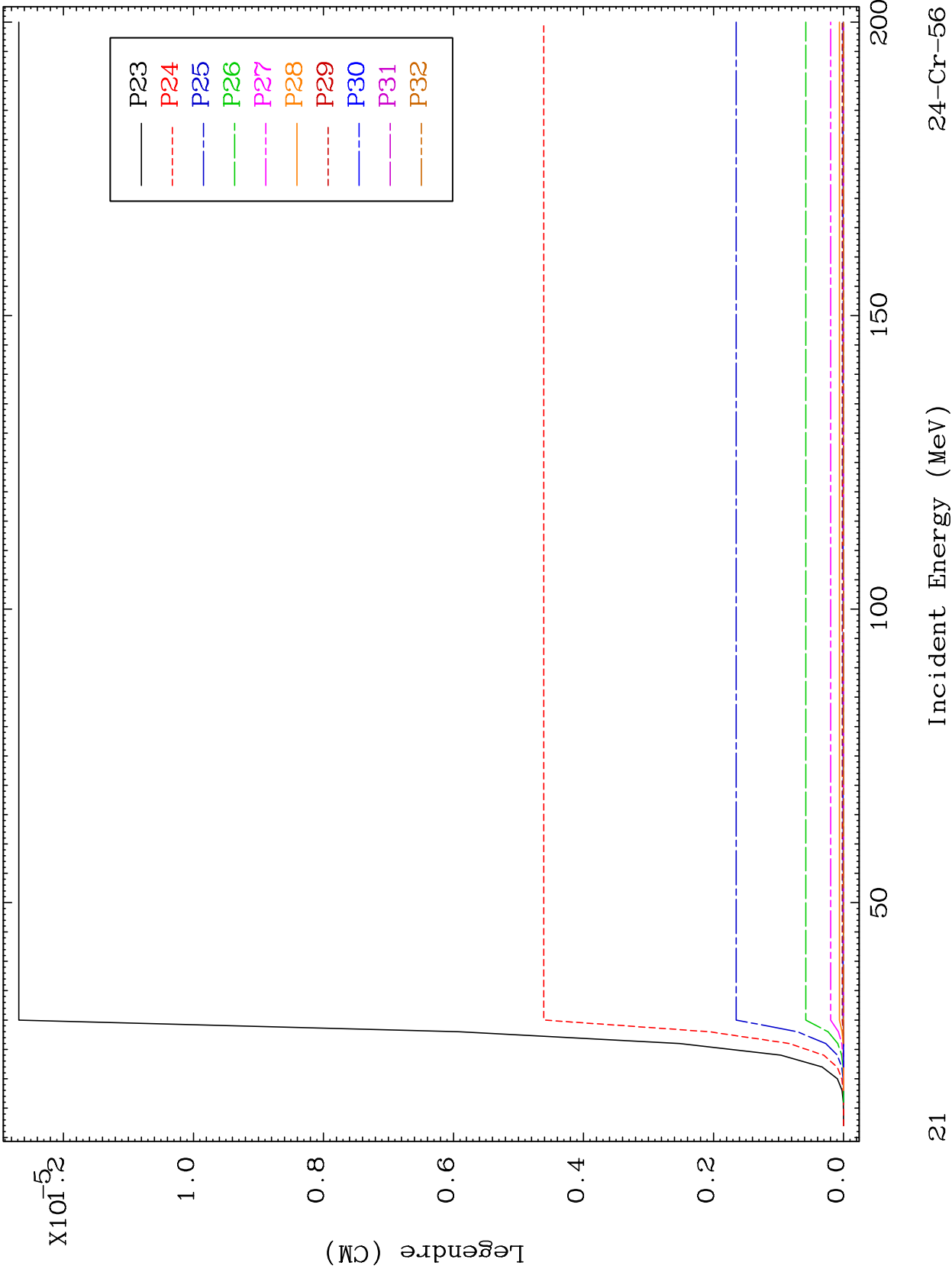
Incident Energy (MeV)

20

MAT 2443

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

24-Cr-56



21

Incident Energy (MeV)

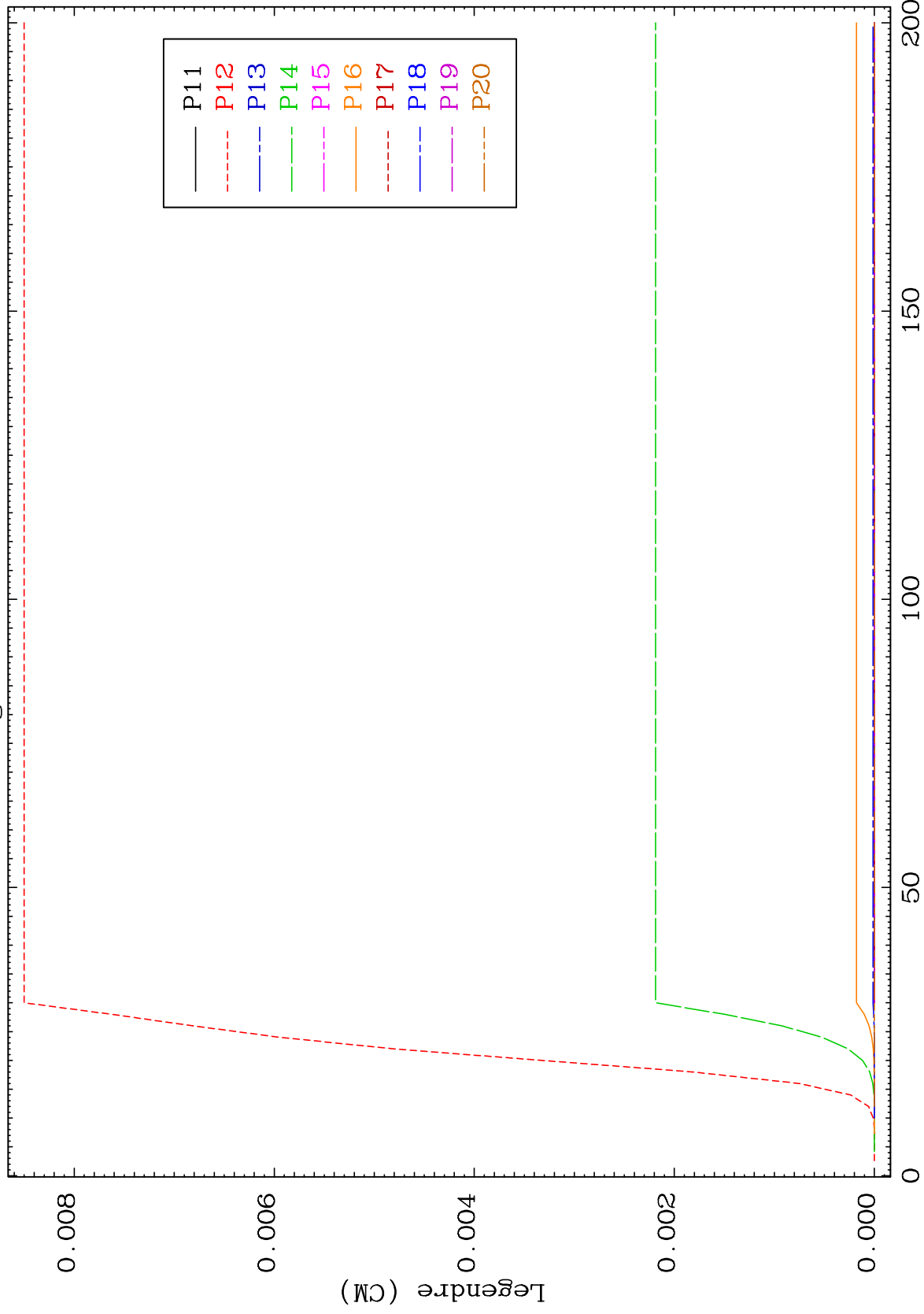
24-Cr-56



MAT 2443

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

24-Cr-56

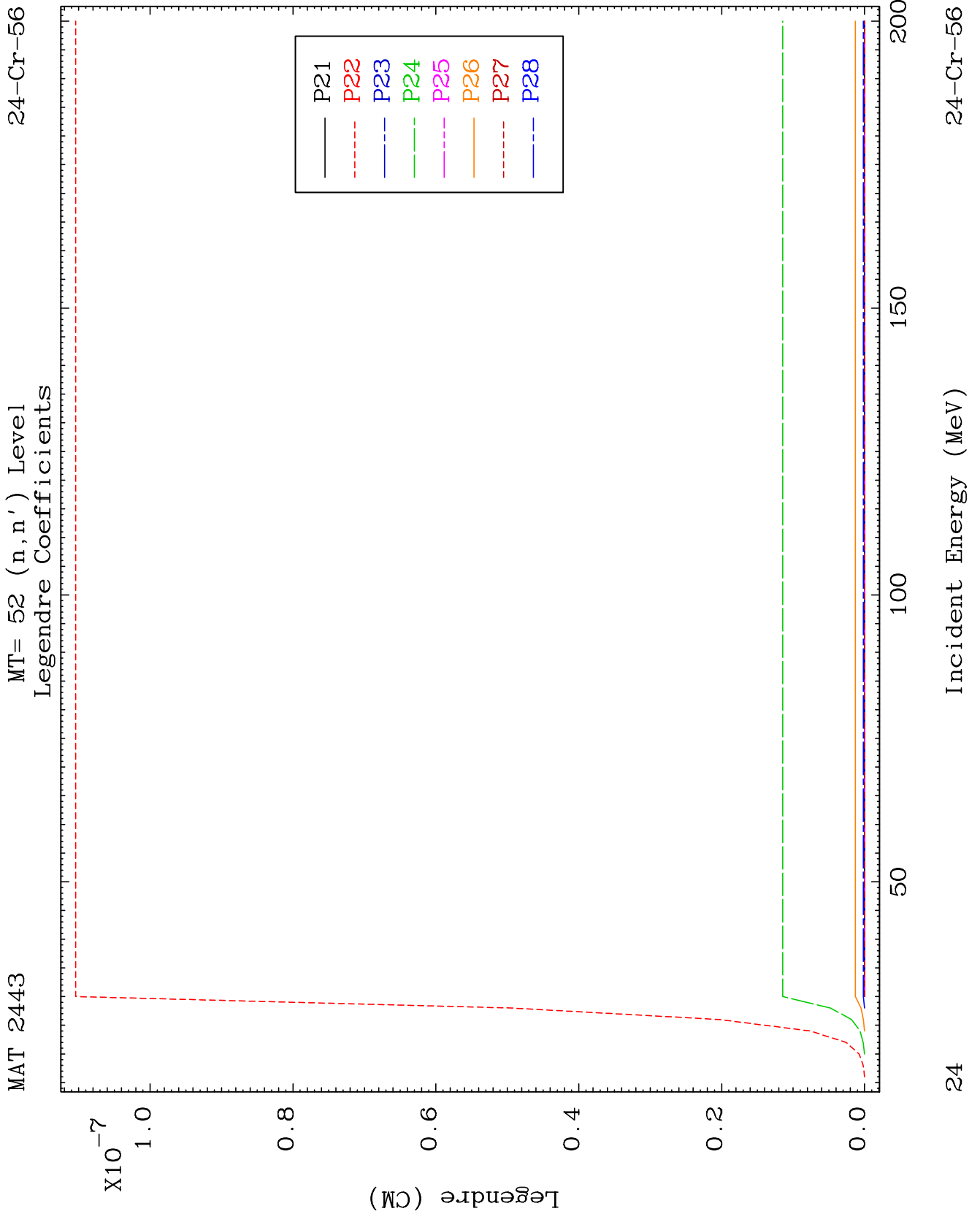


23

Incident Energy (MeV)

24-Cr-56

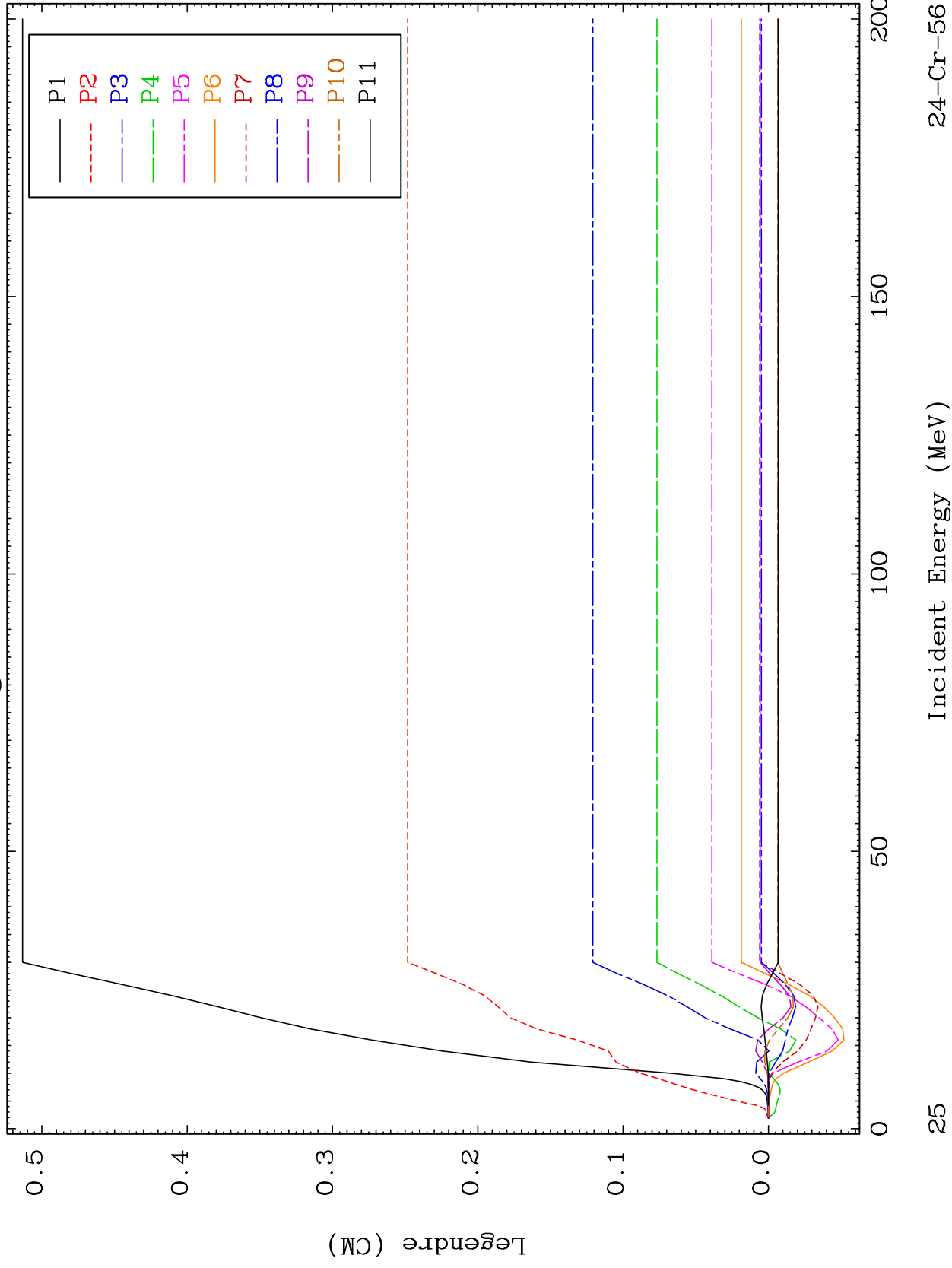


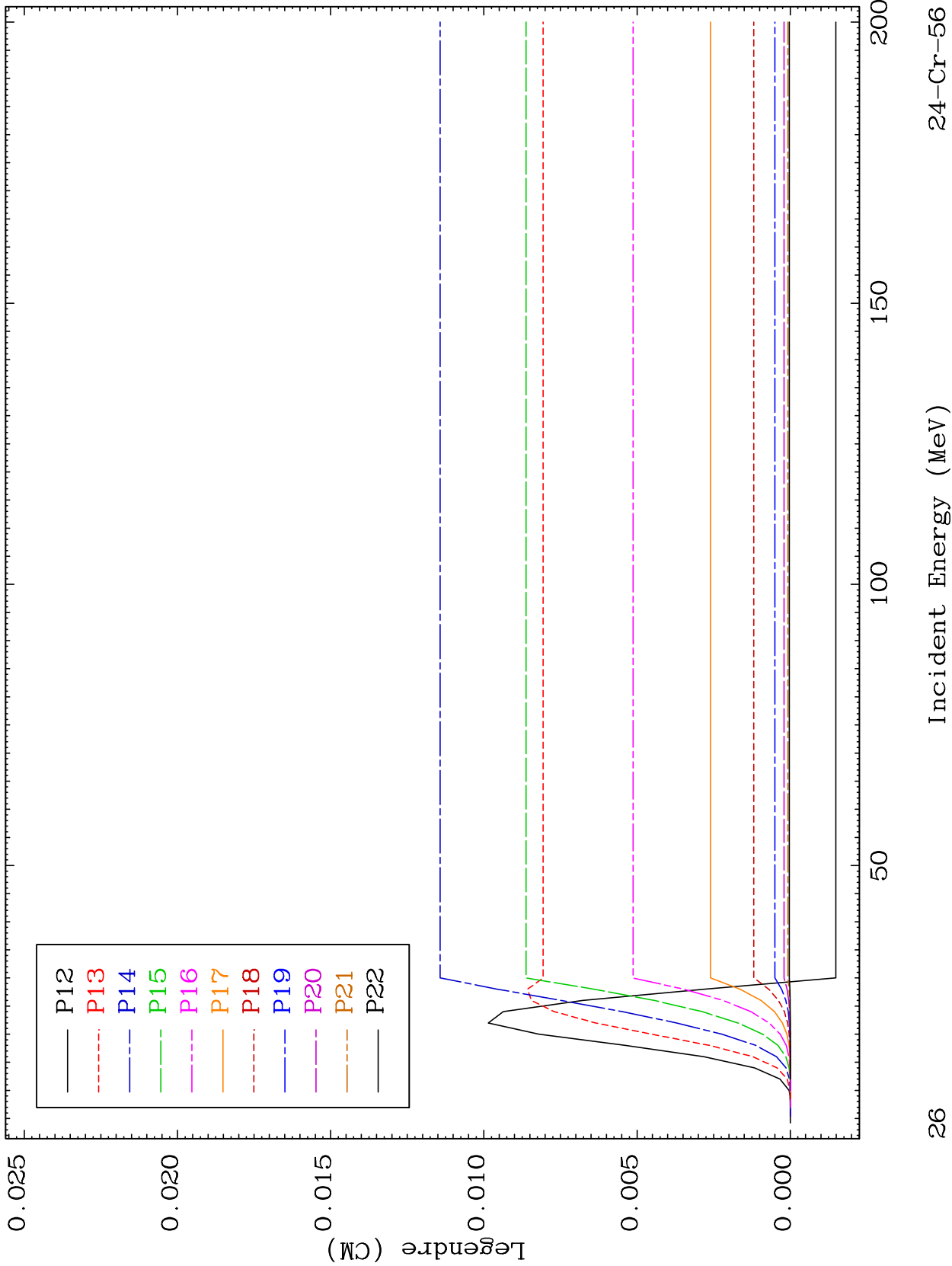


MAT 2443

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

24-Cr-56

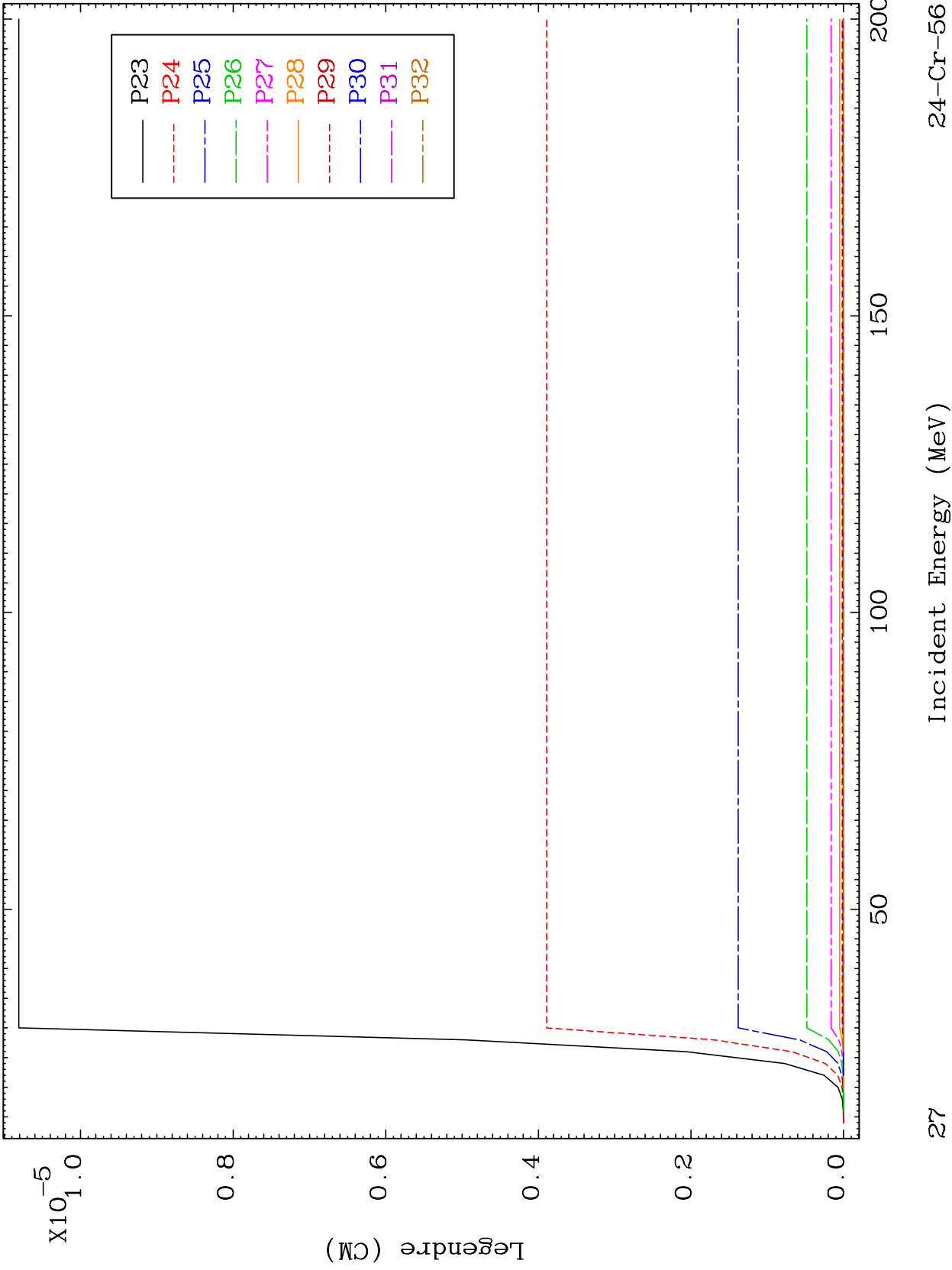




MAT 2443

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

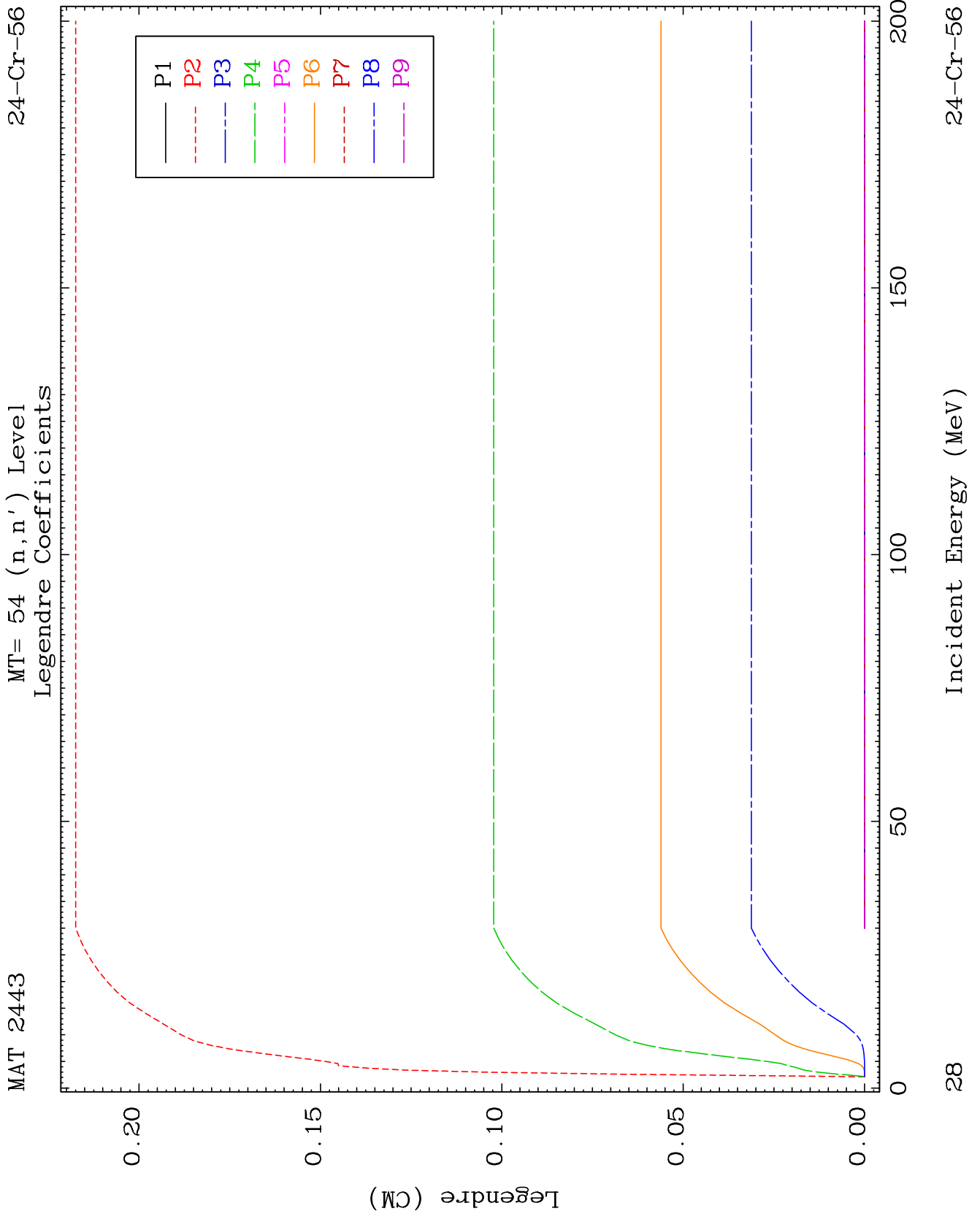
24-Cr-56



27

Incident Energy (MeV)

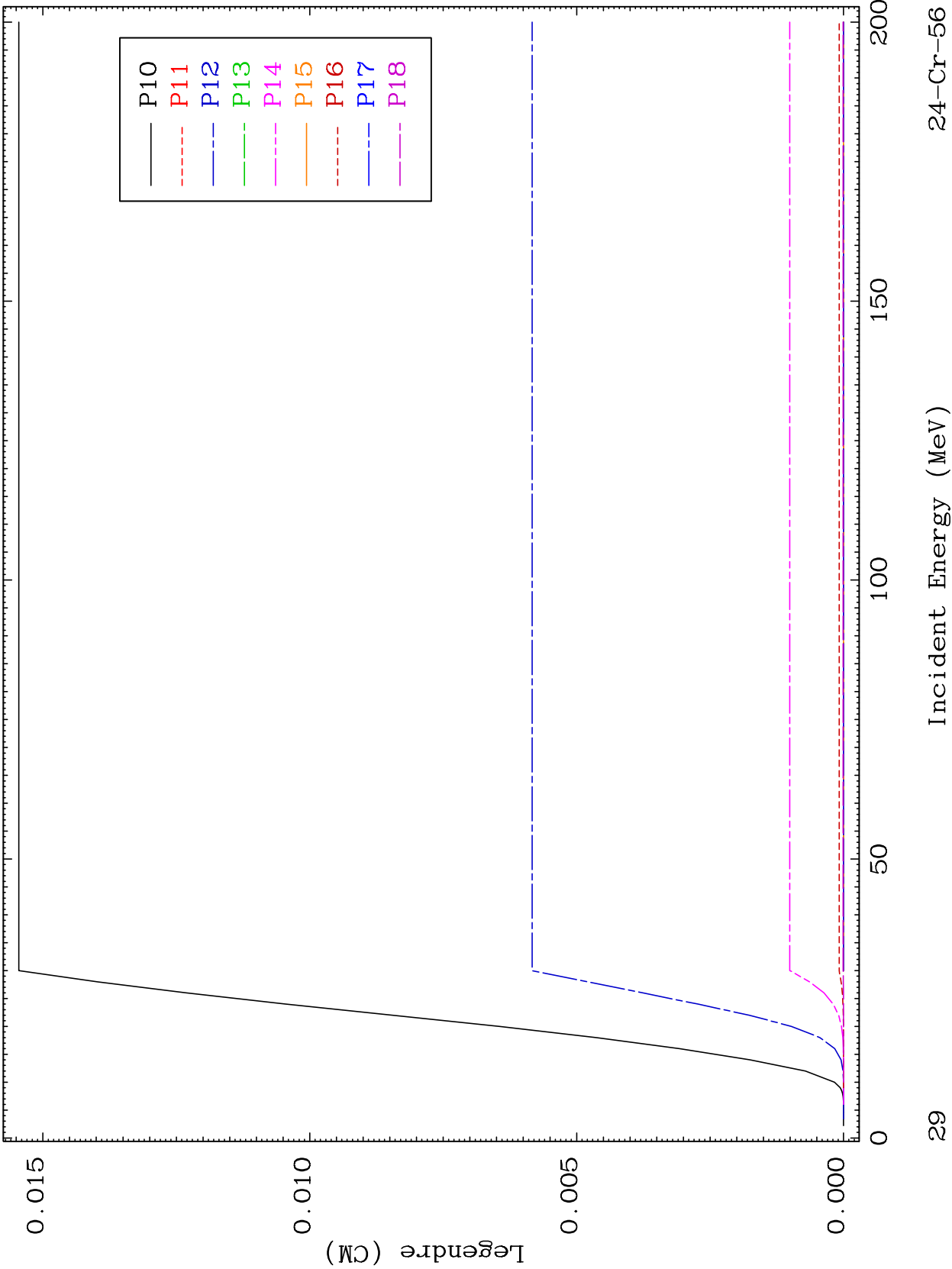
24-Cr-56



MAT 2443

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

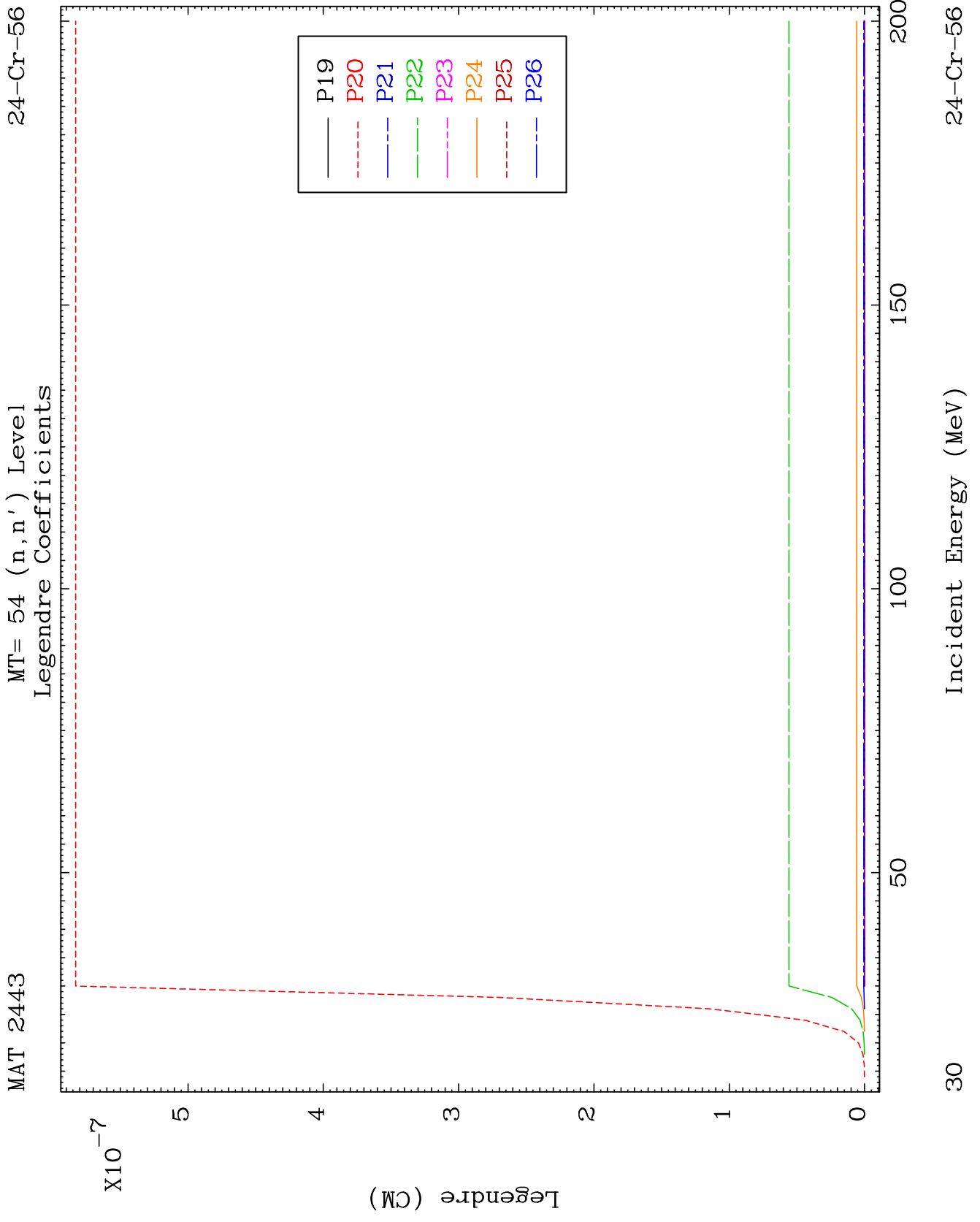
24-Cr-56



29

Incident Energy (MeV)

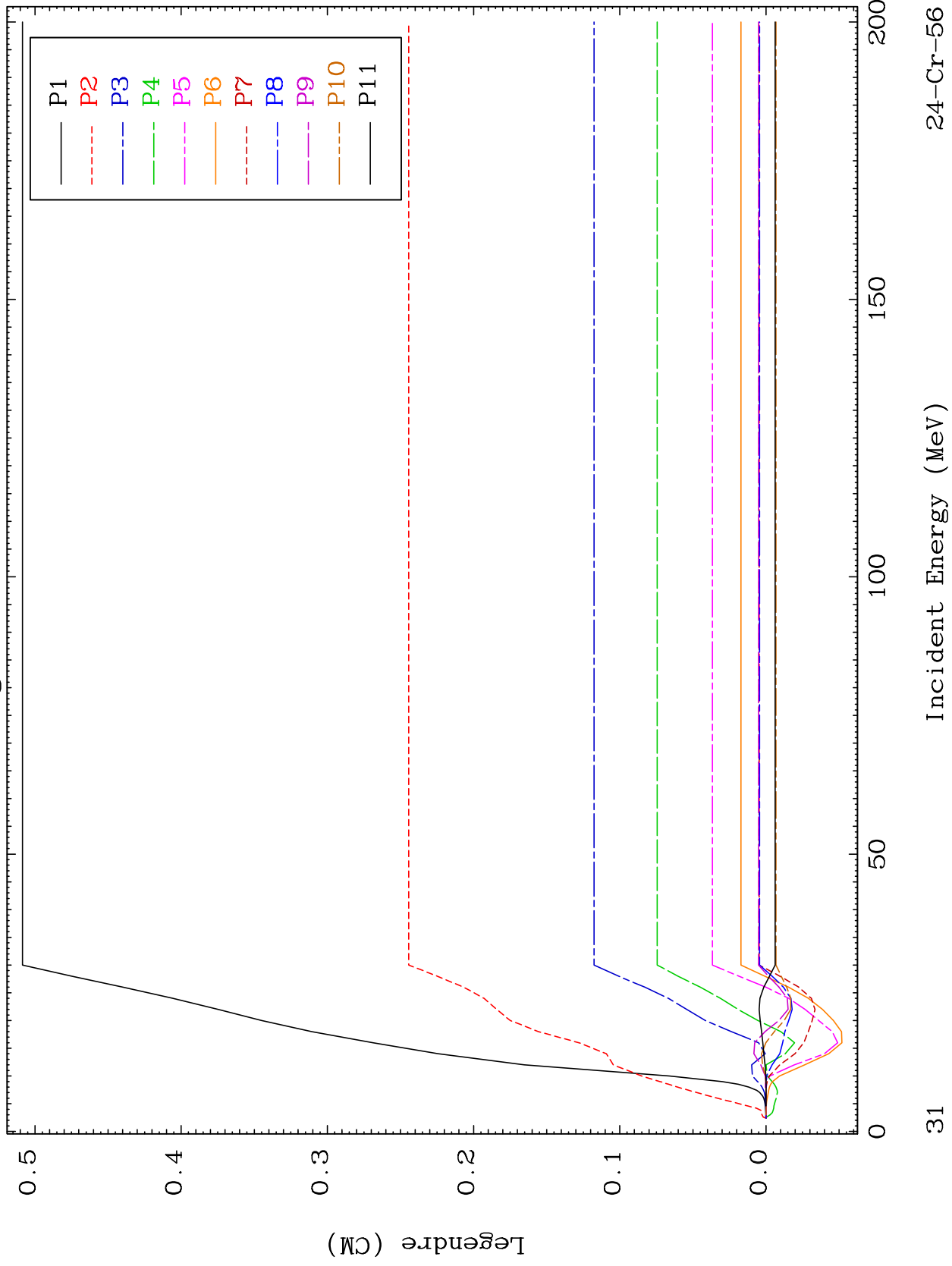
24-Cr-56



MAT 2443

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

24-Cr-56

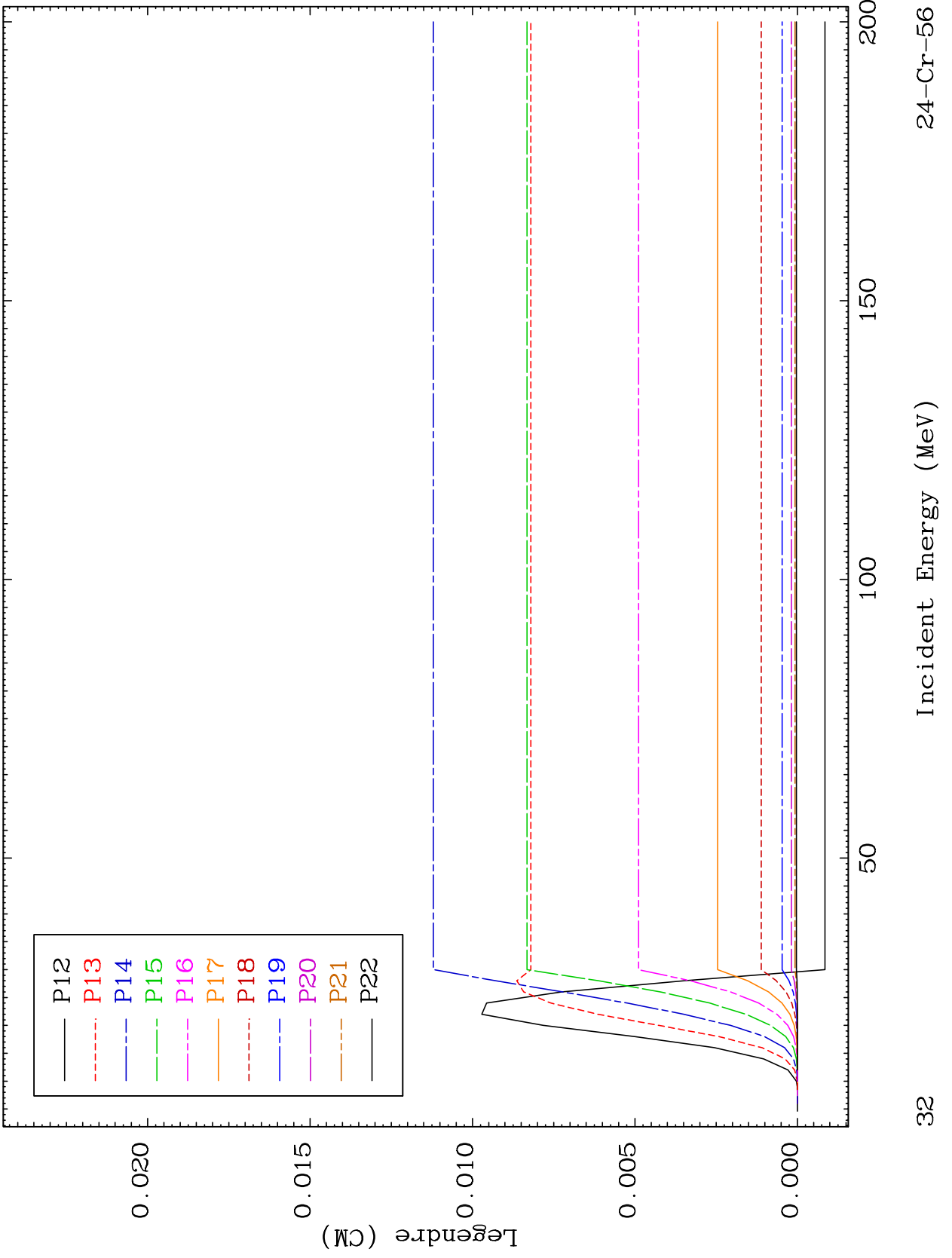


24-Cr-56

Incident Energy (MeV)

31

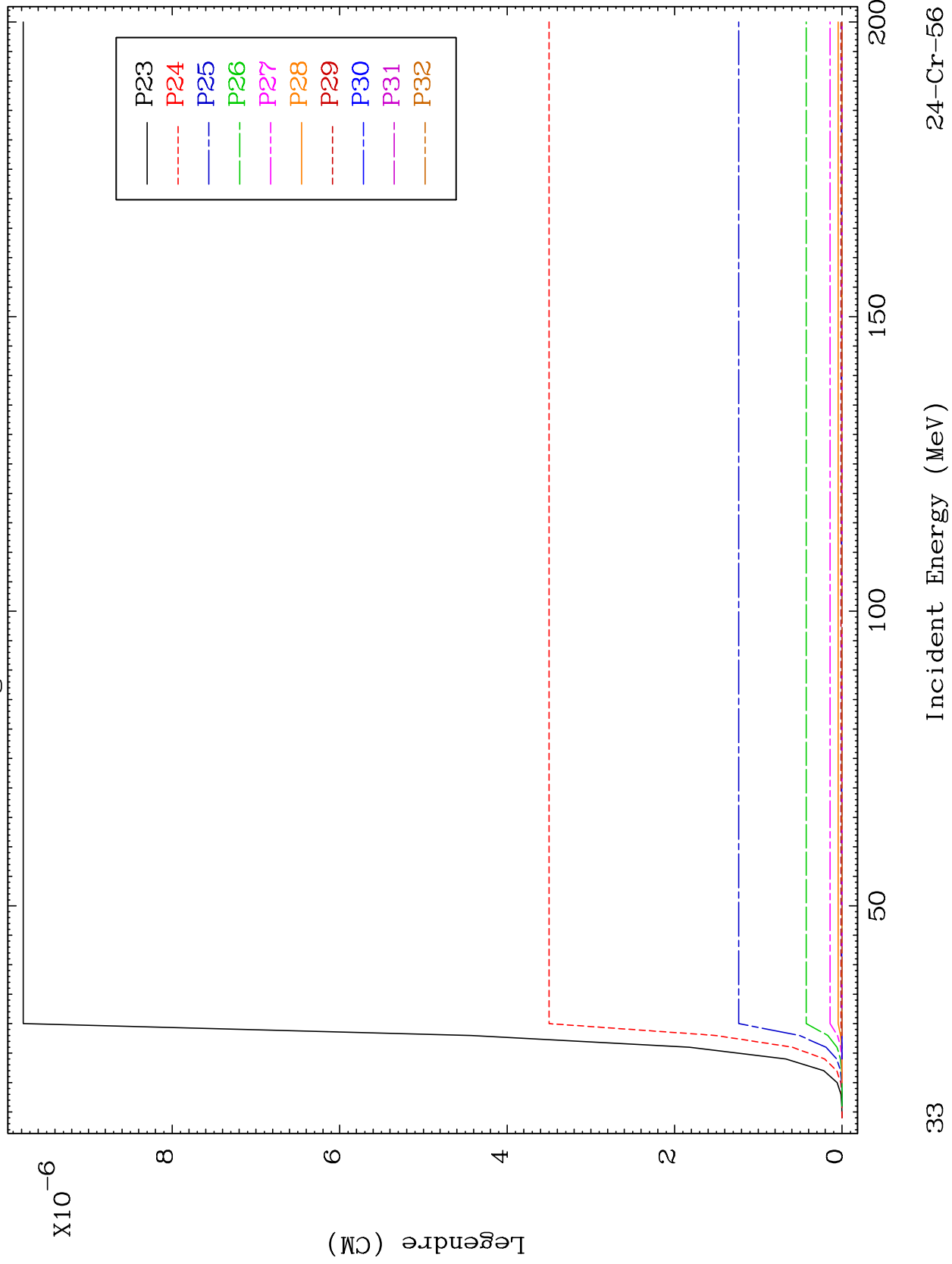




MAT 2443

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

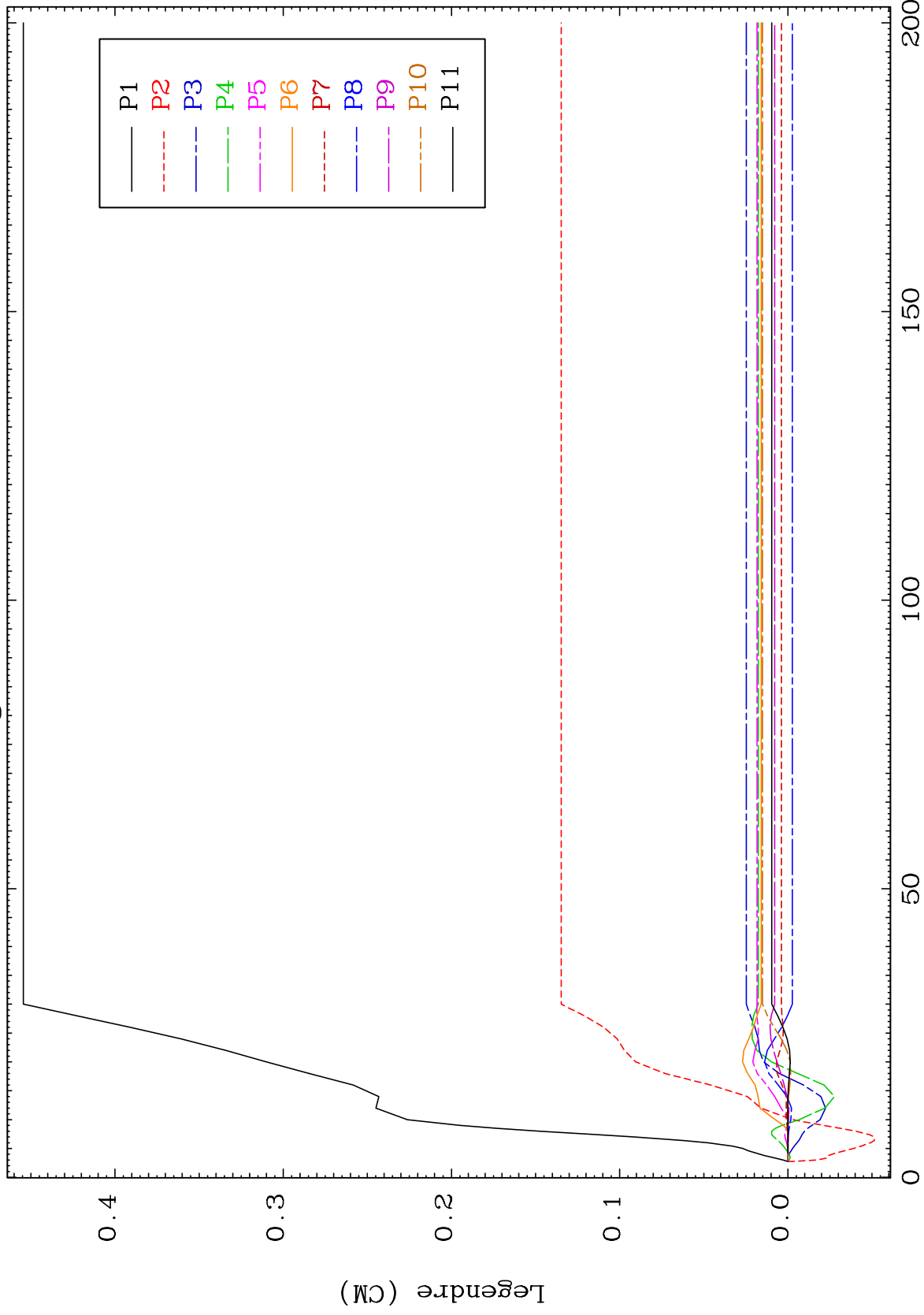
24-Cr-56



MAT 2443

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

24-Cr-56



34

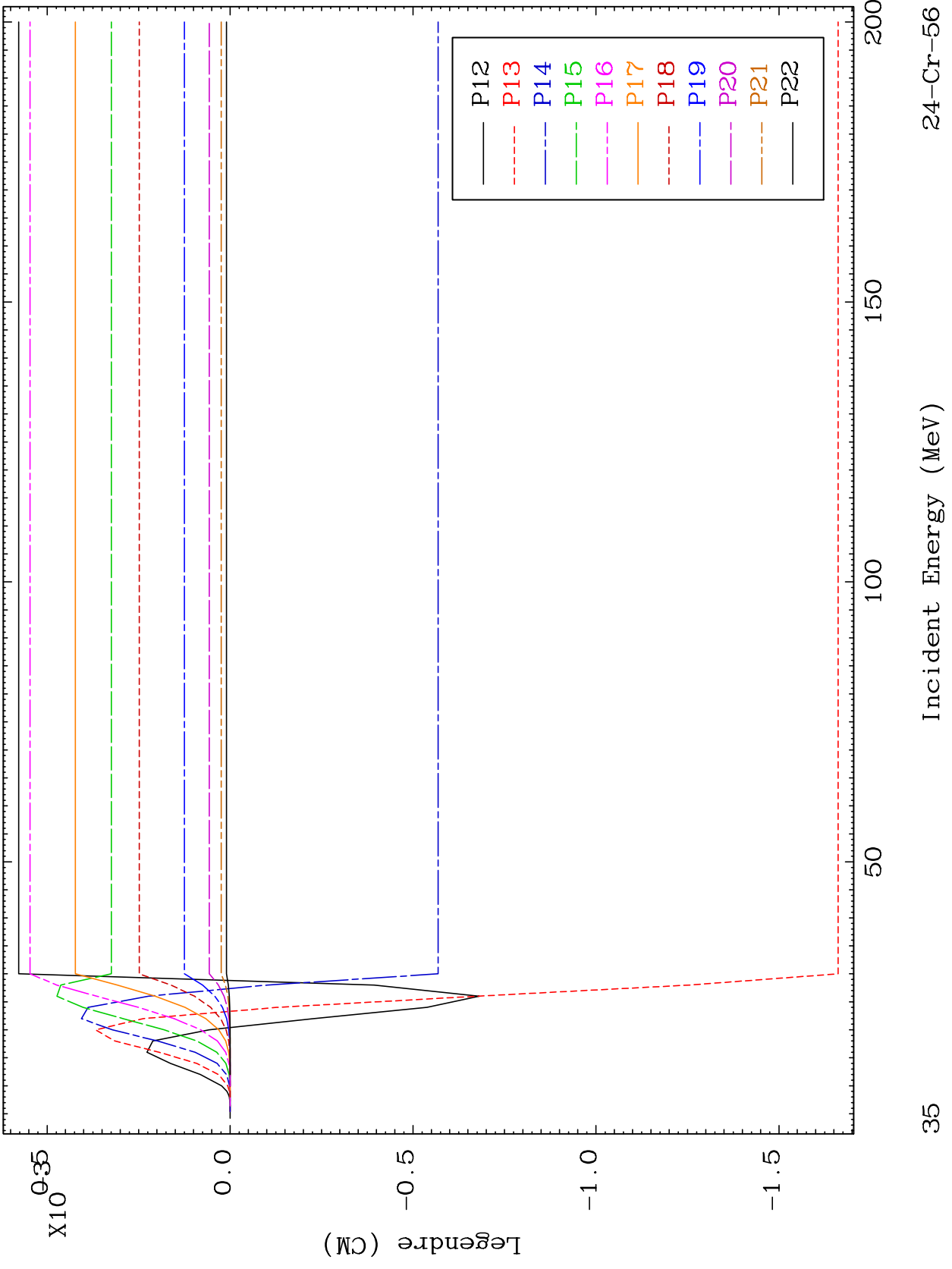
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



35

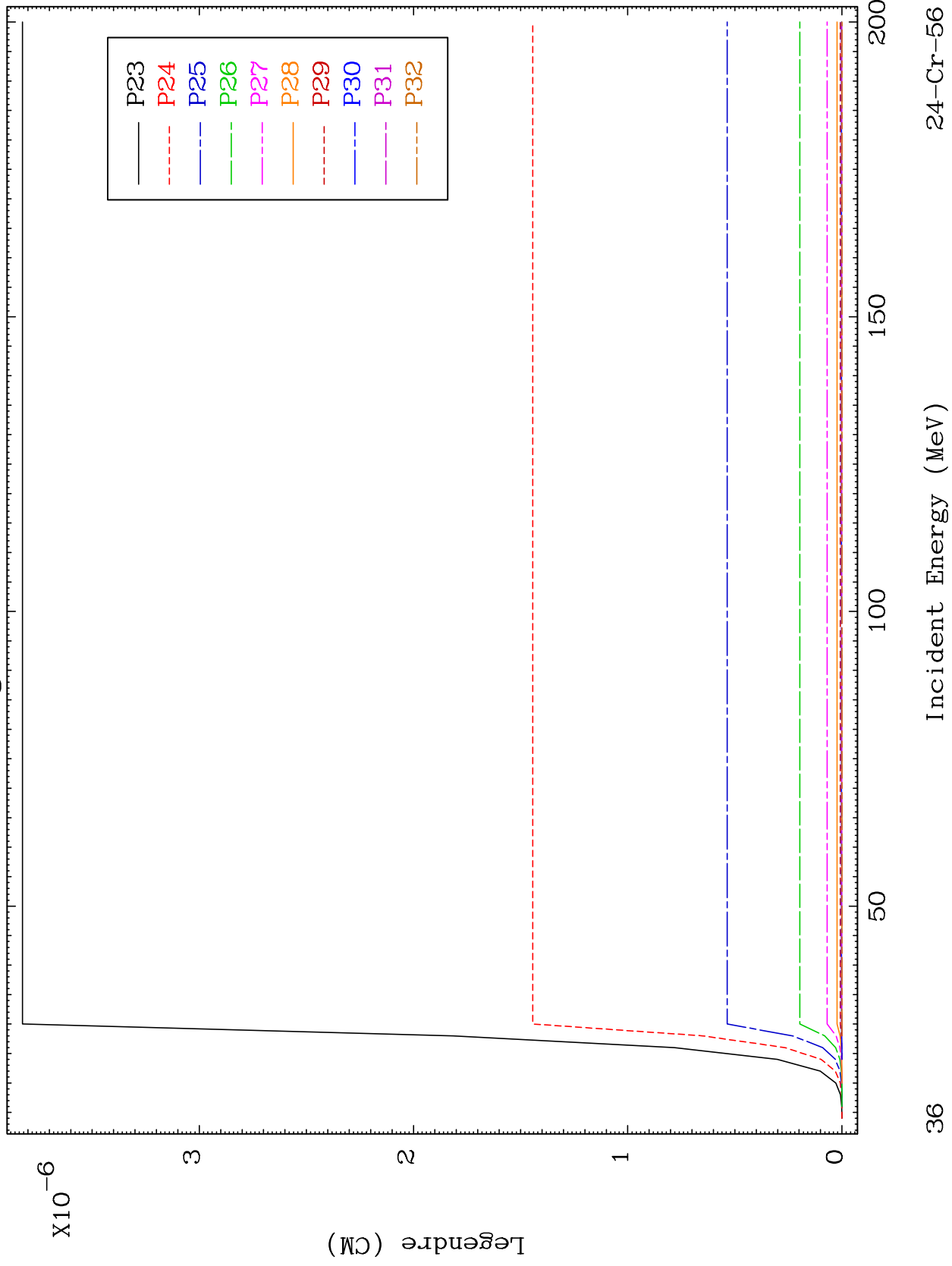
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

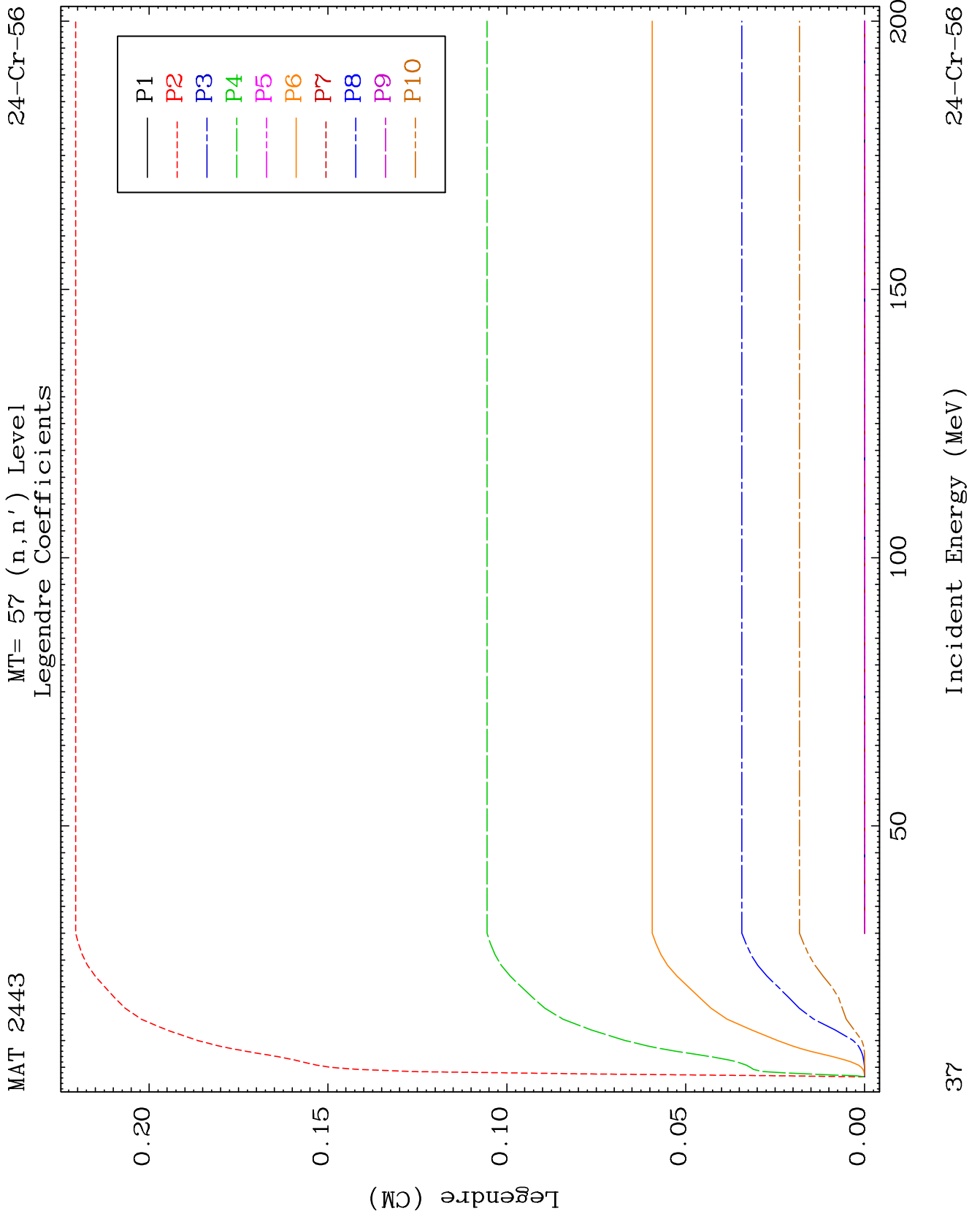
24-Cr-56



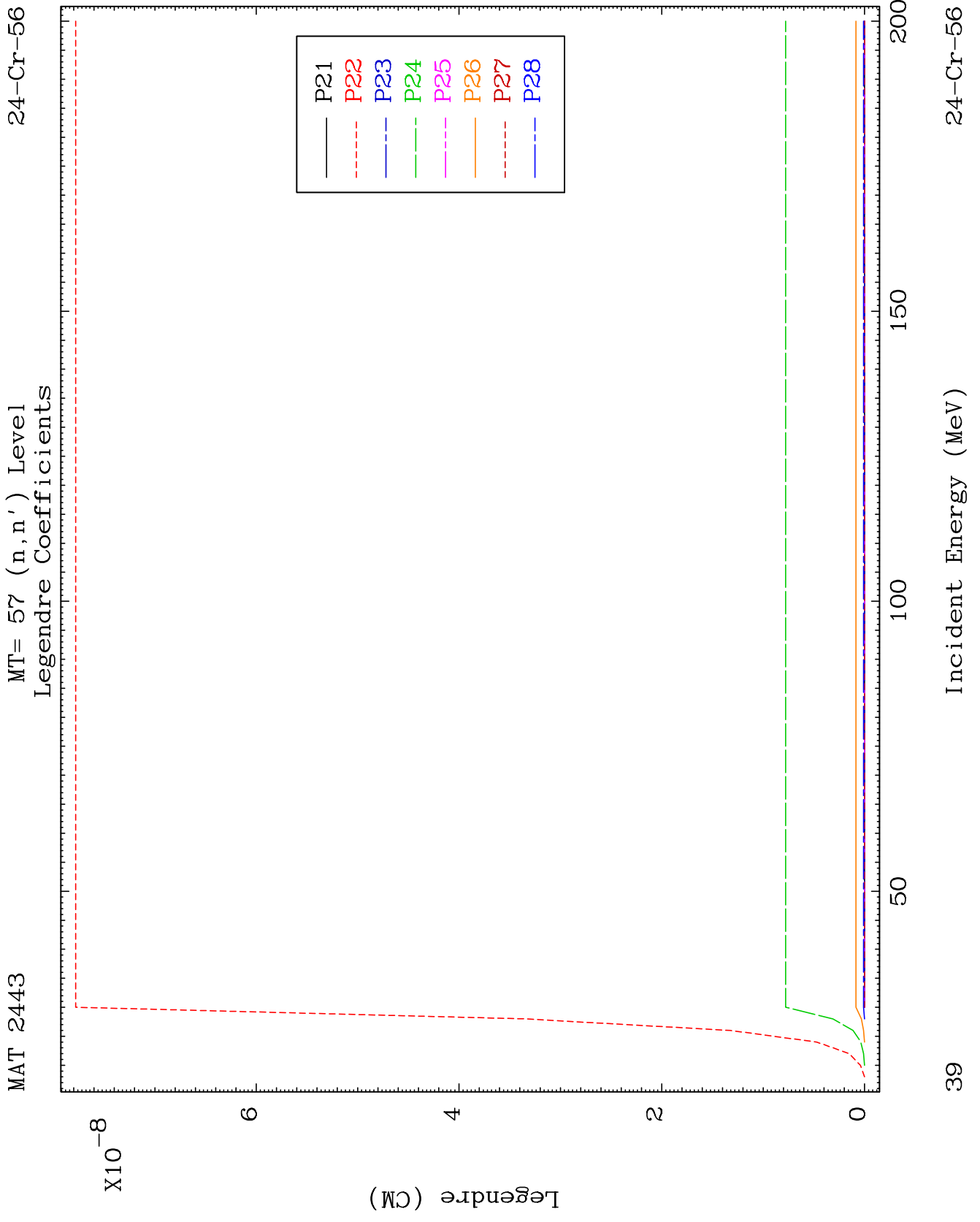
36

Incident Energy (MeV)

24-Cr-56

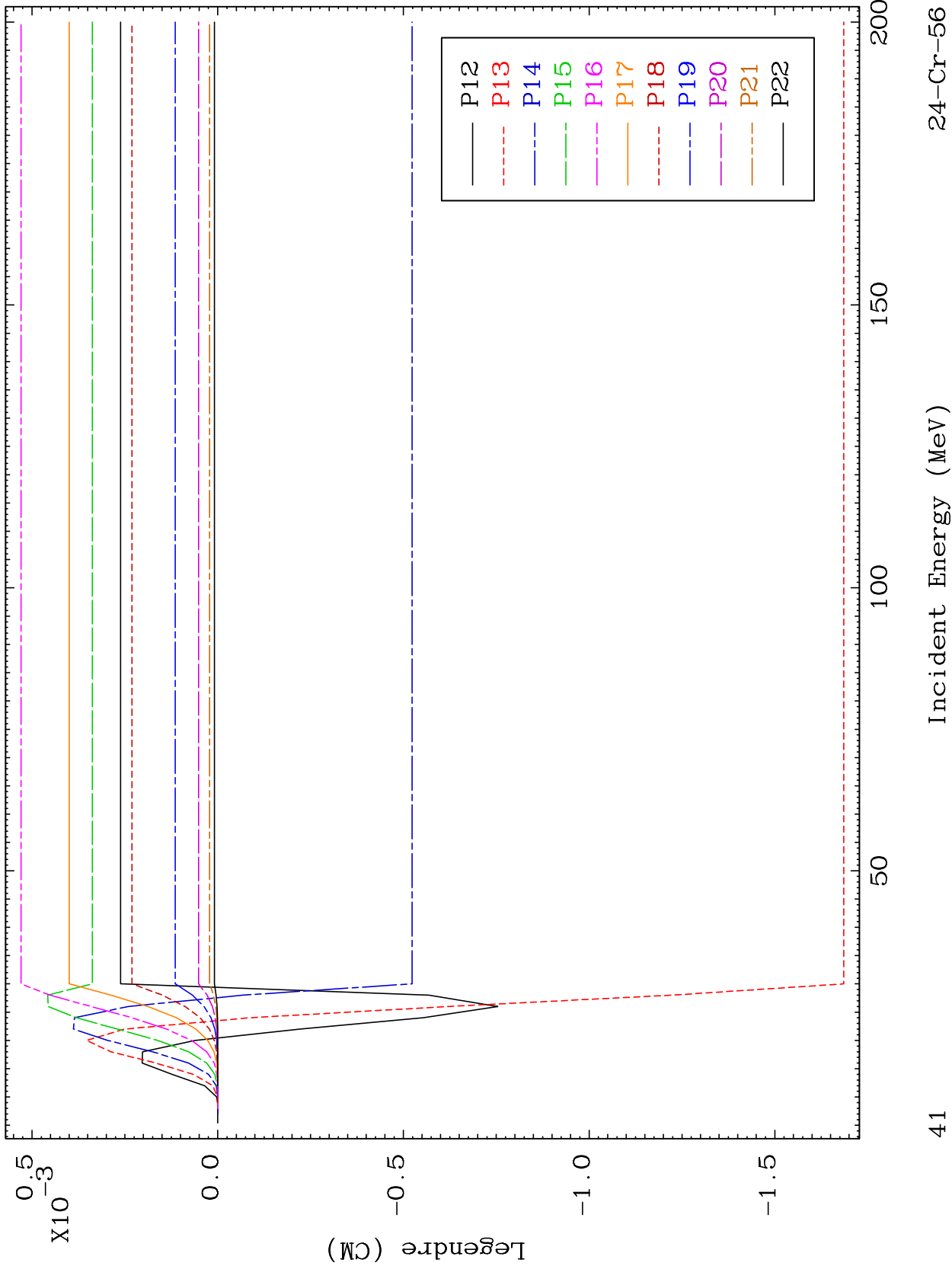








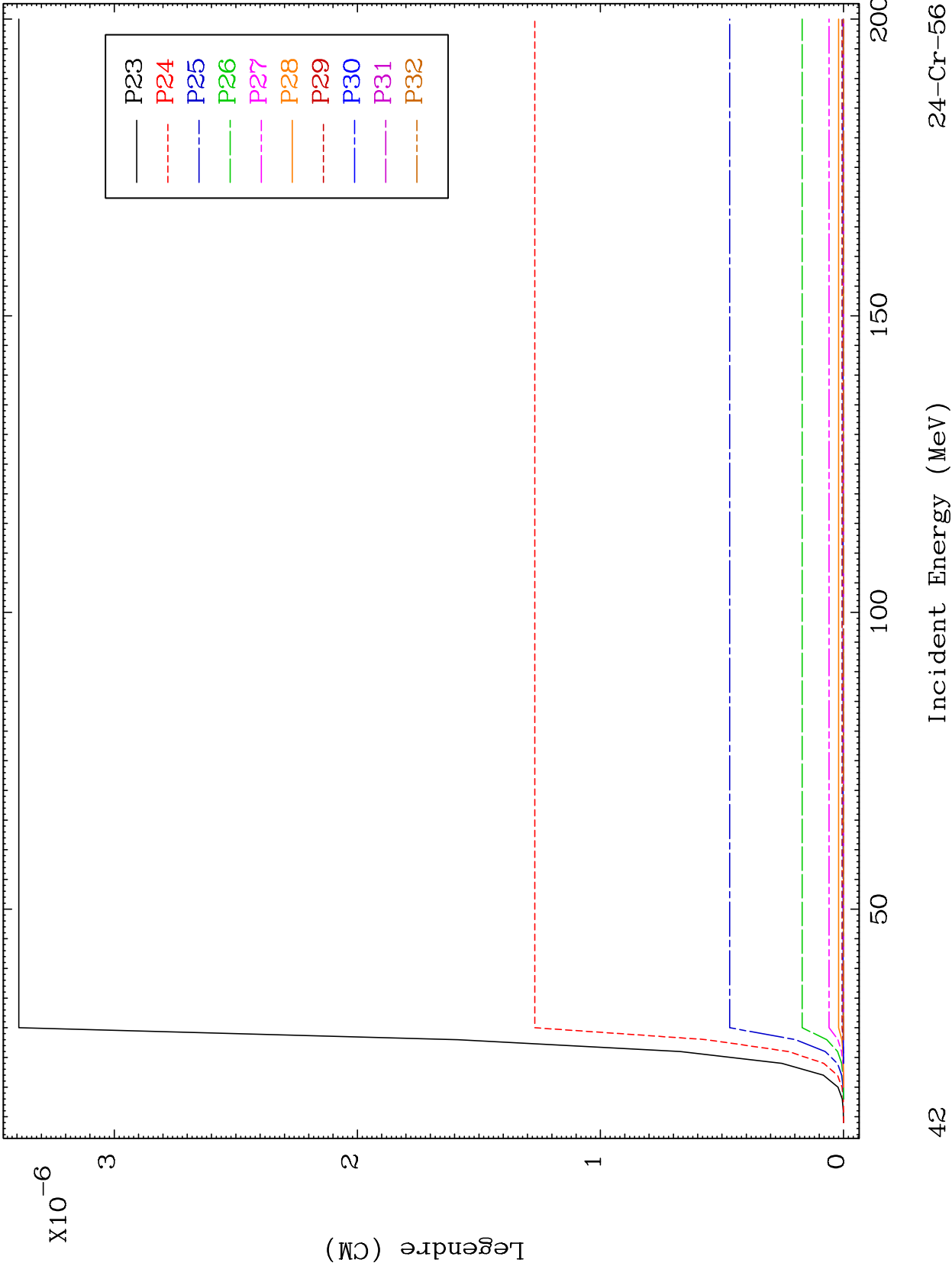




MAT 2443

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

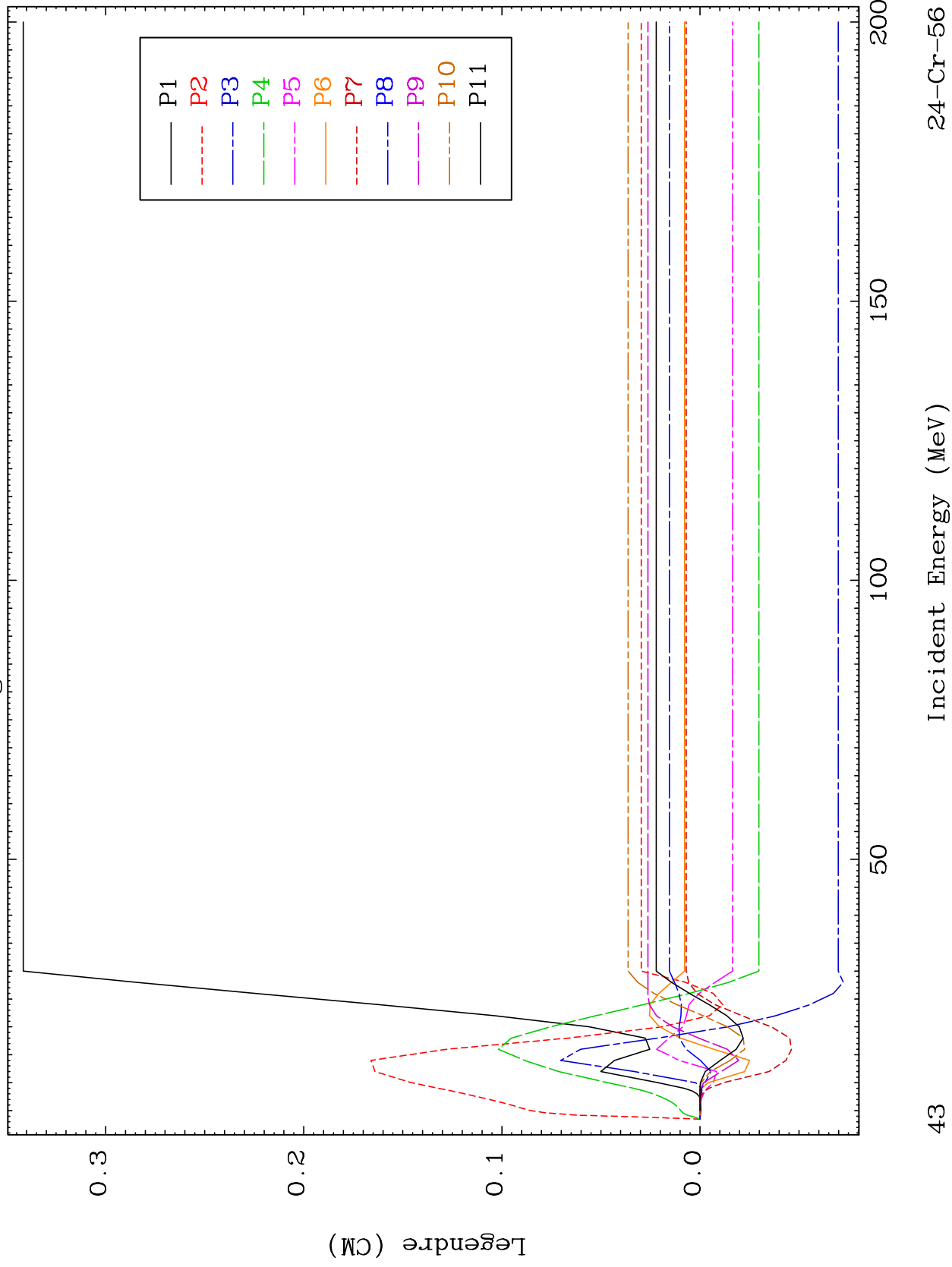
24-Cr-56



MAT 2443

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

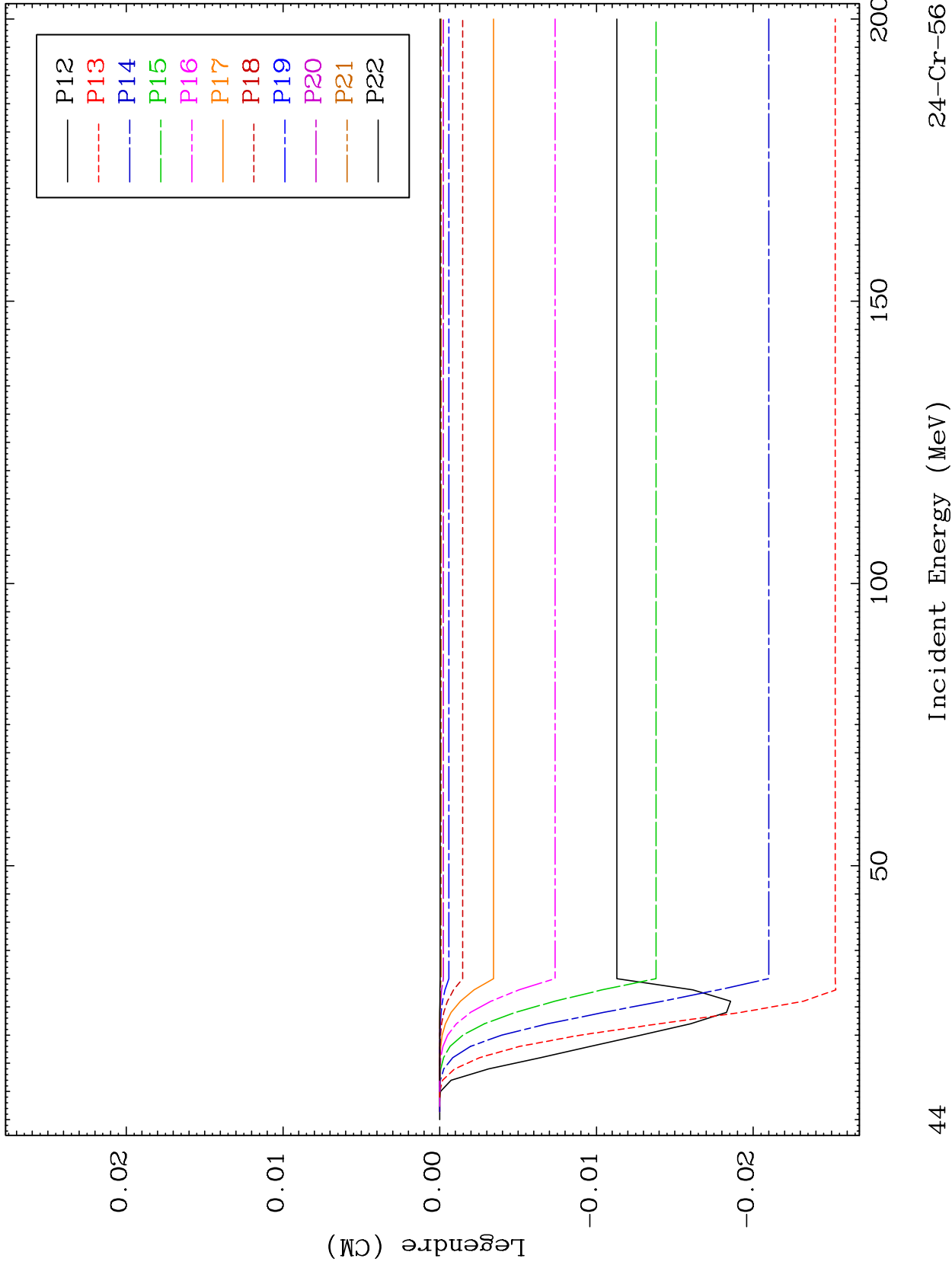
24-Cr-56



MAT 2443

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

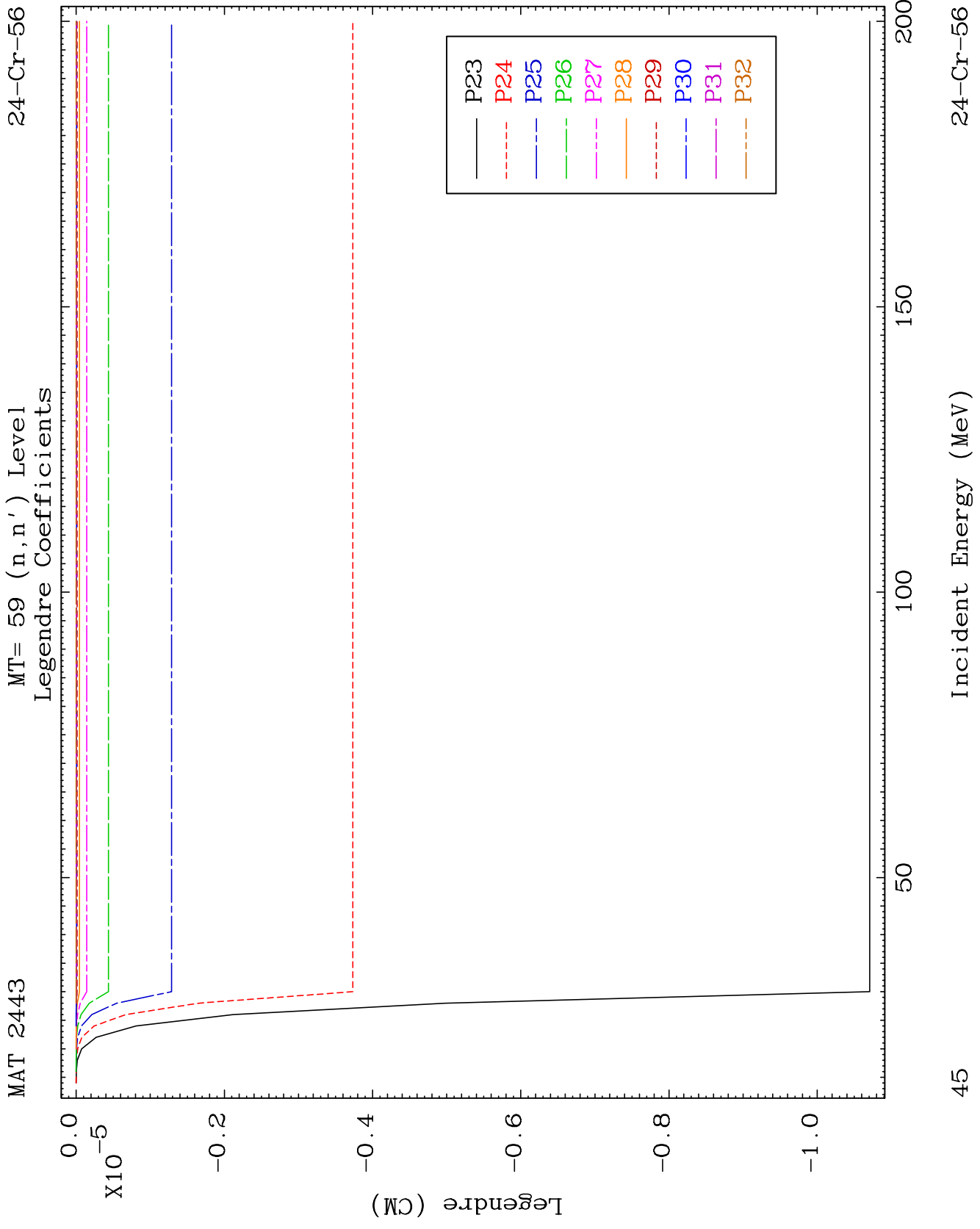
24-Cr-56



44

Incident Energy (MeV)

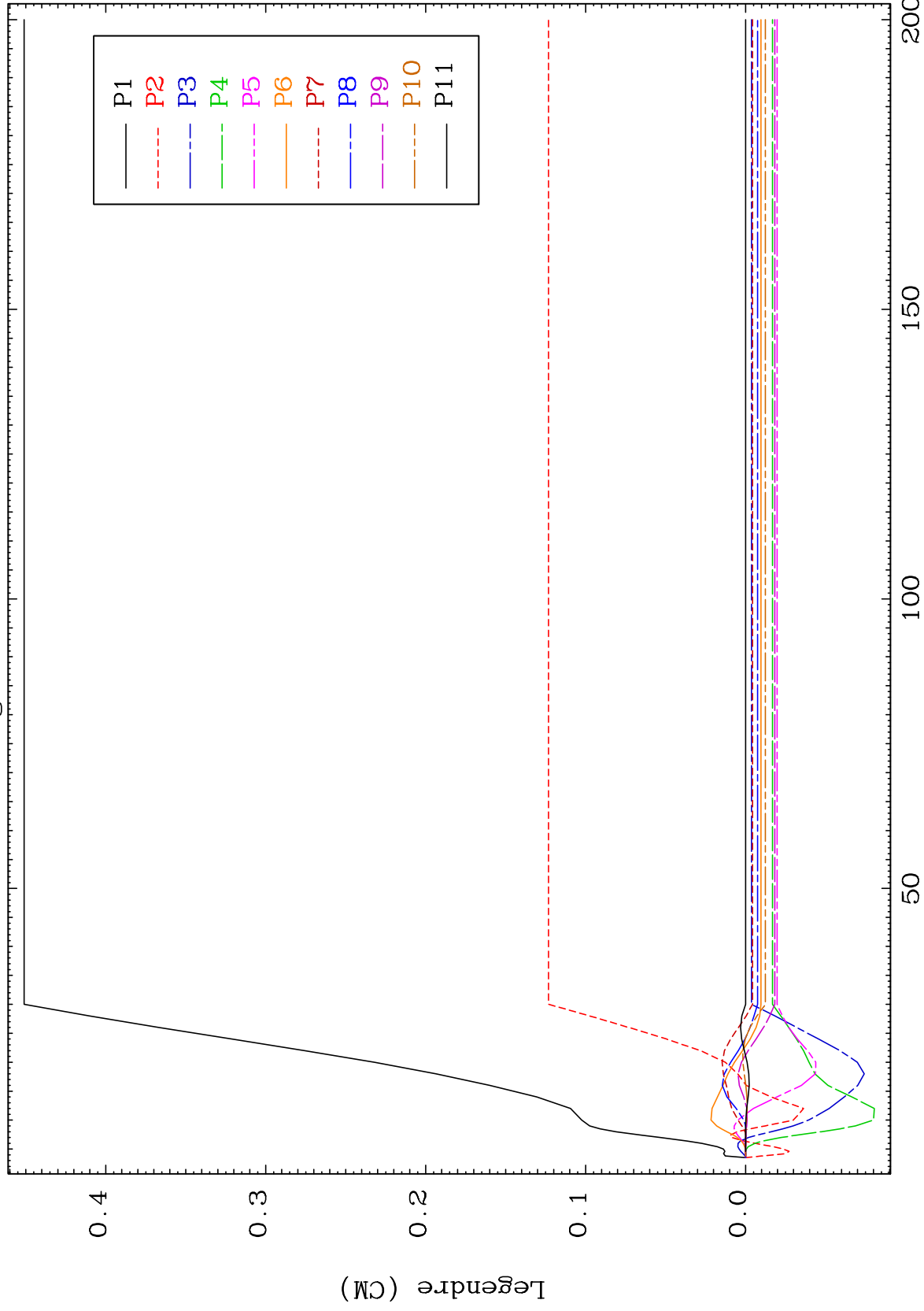
24-Cr-56



MAT 2443

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

24-Cr-56



46

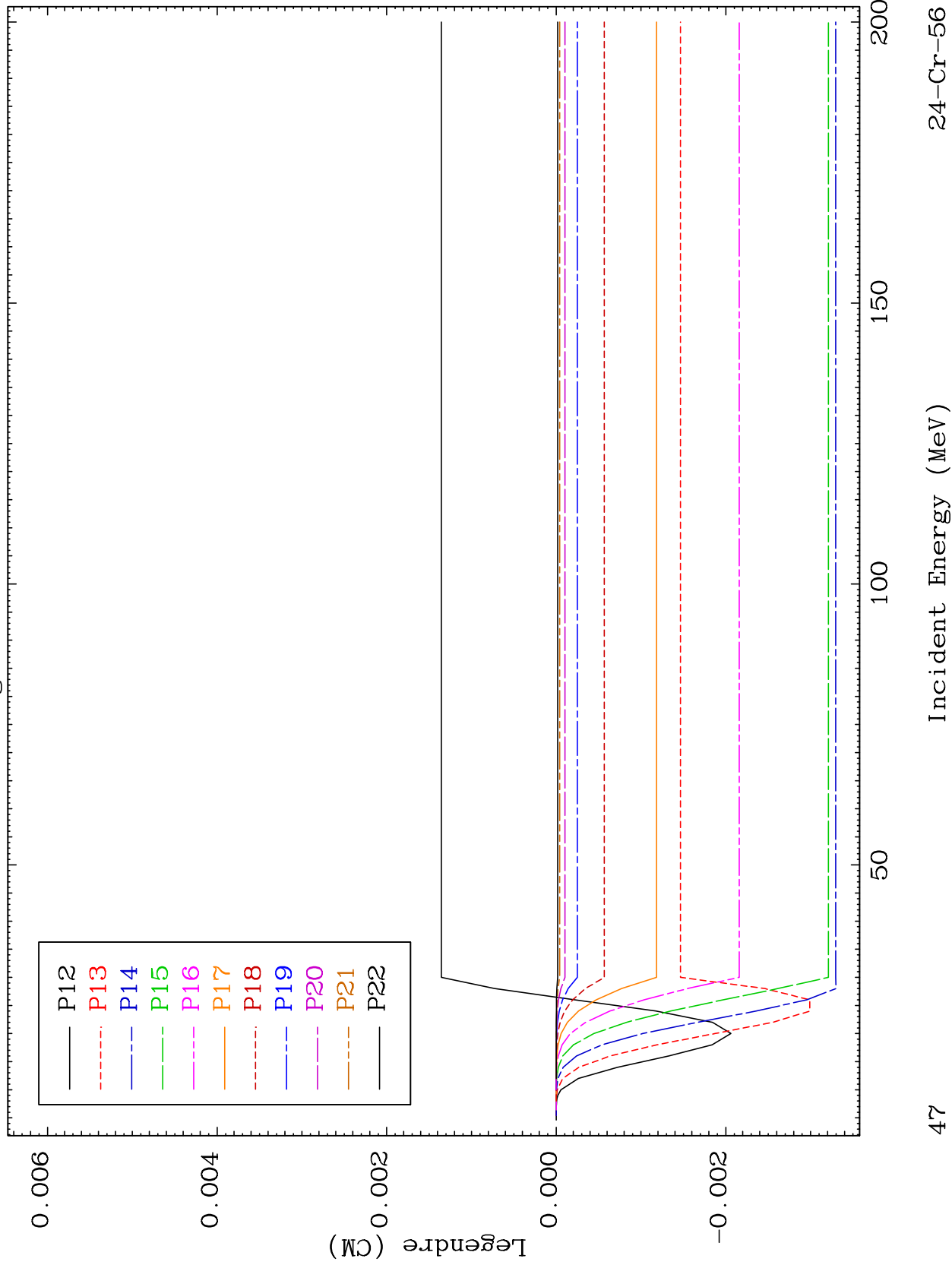
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56

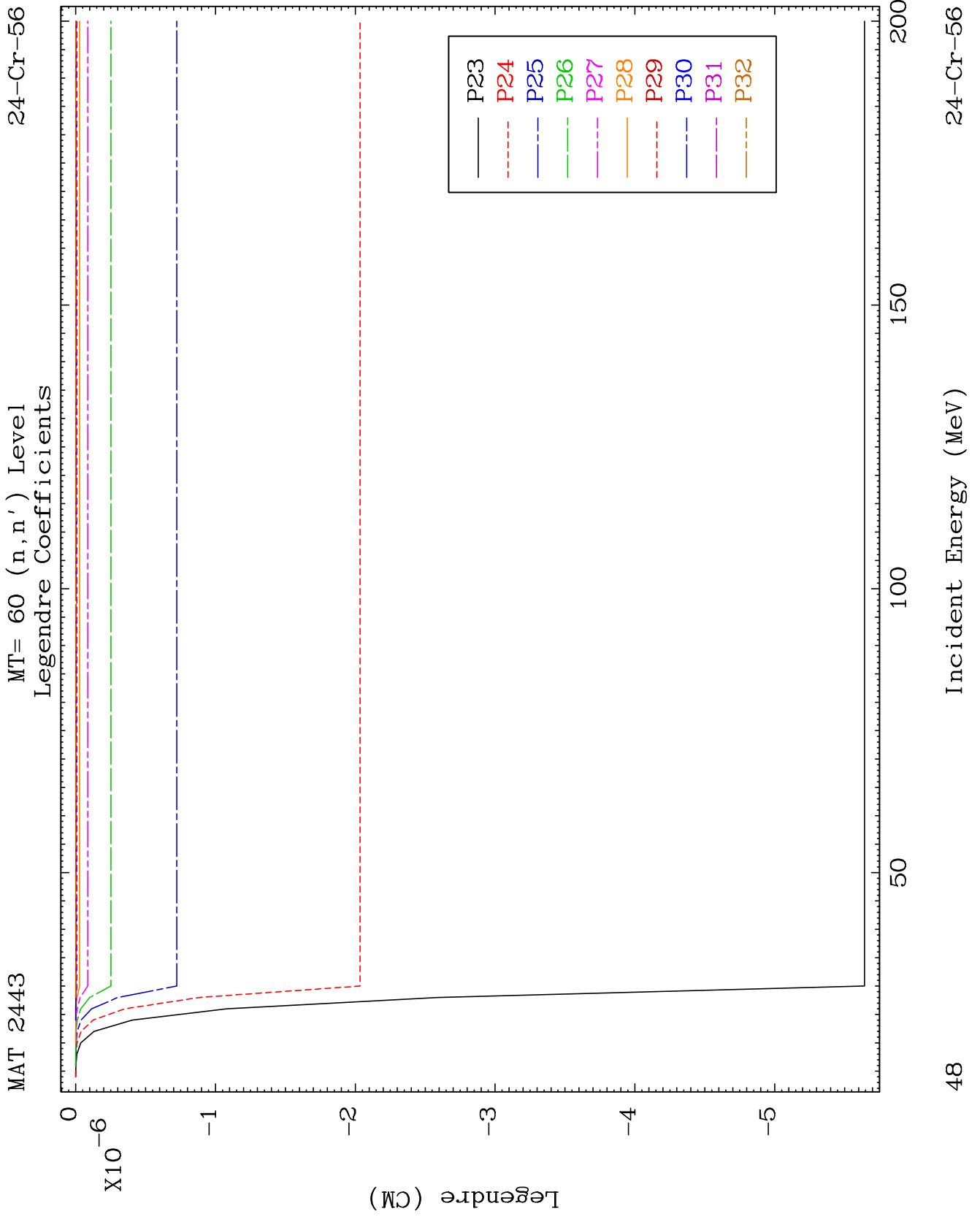


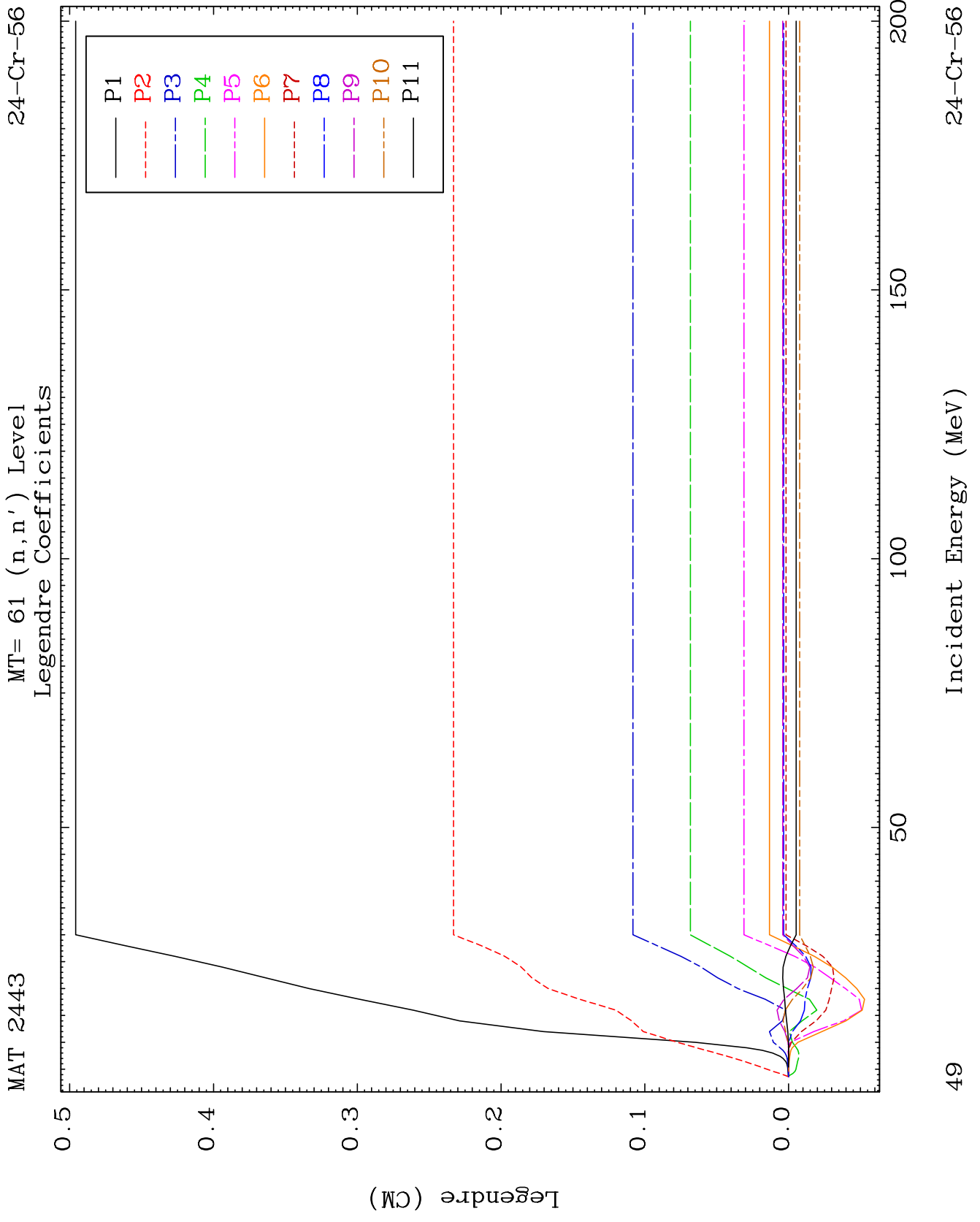
47

Incident Energy (MeV)

24-Cr-56



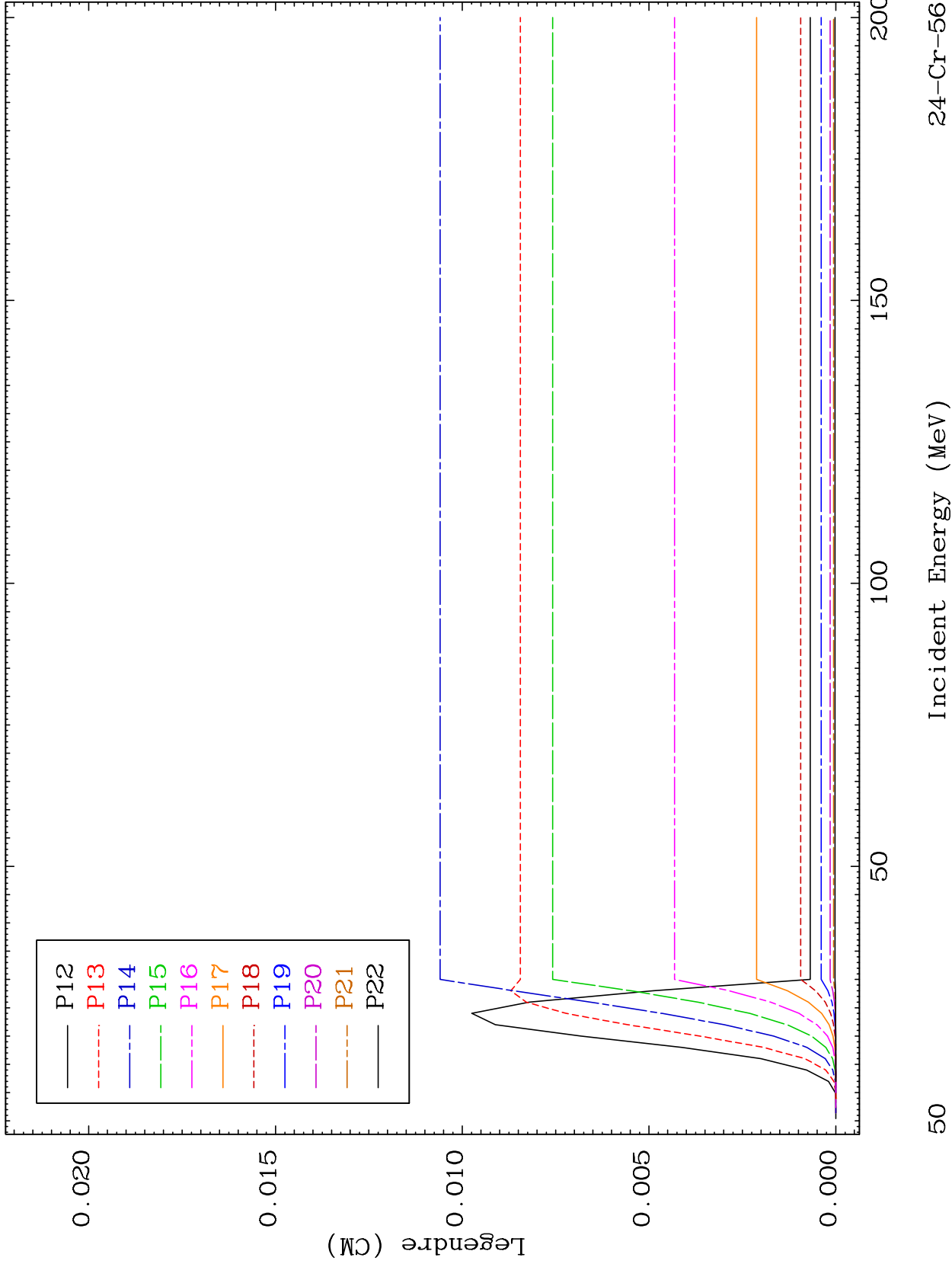




MAT 2443

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

24-Cr-56



50

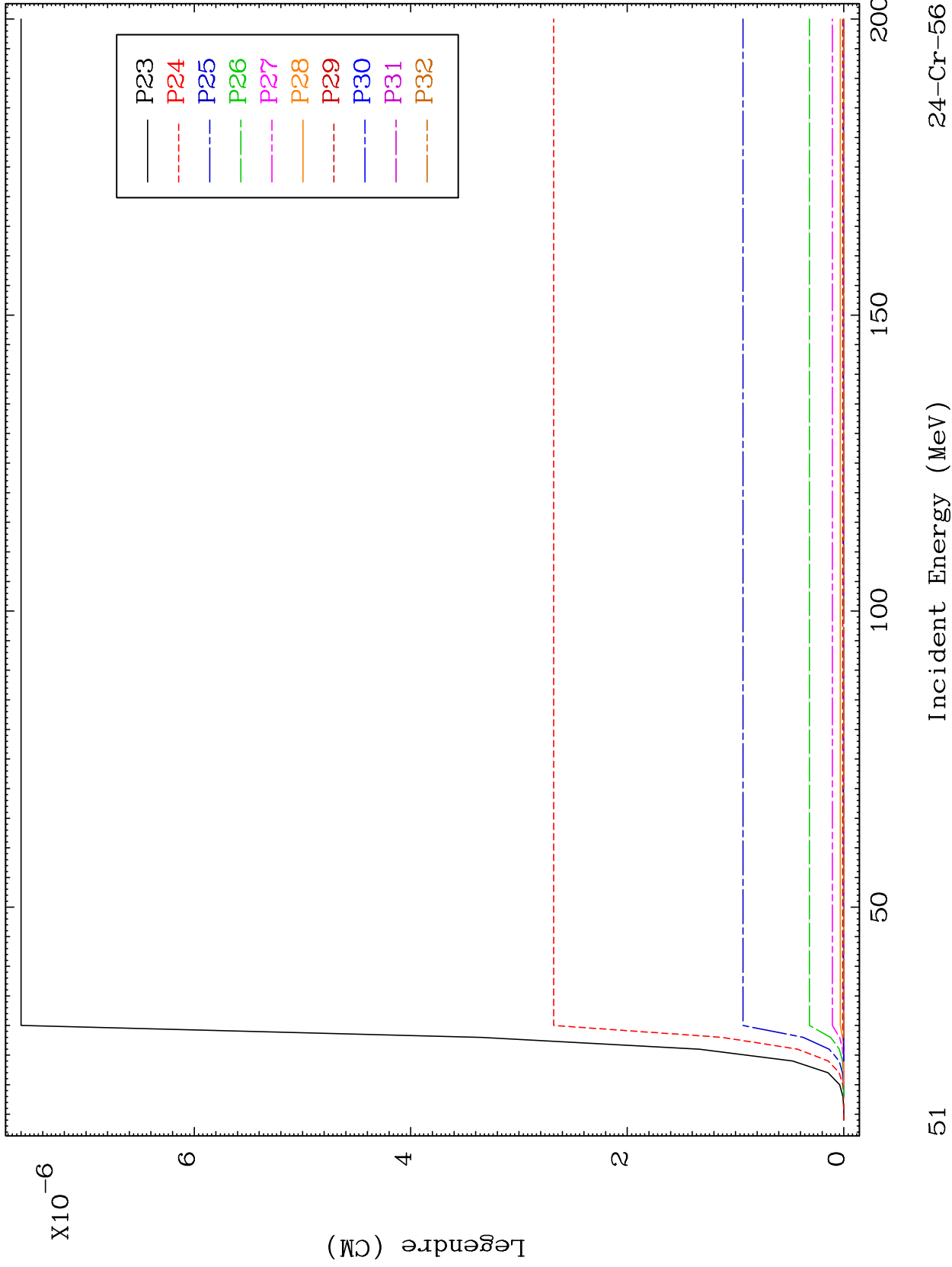
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



51

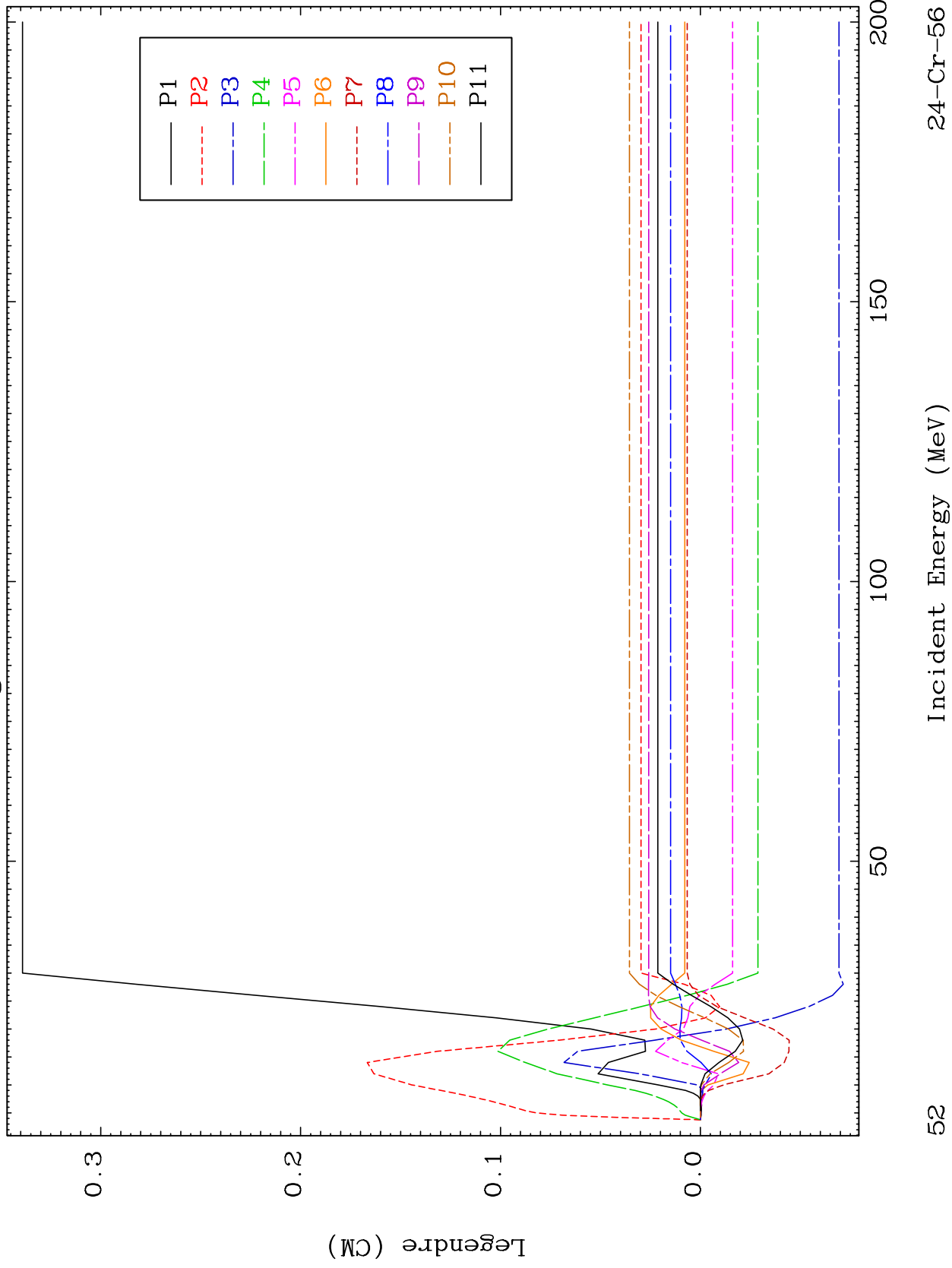
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



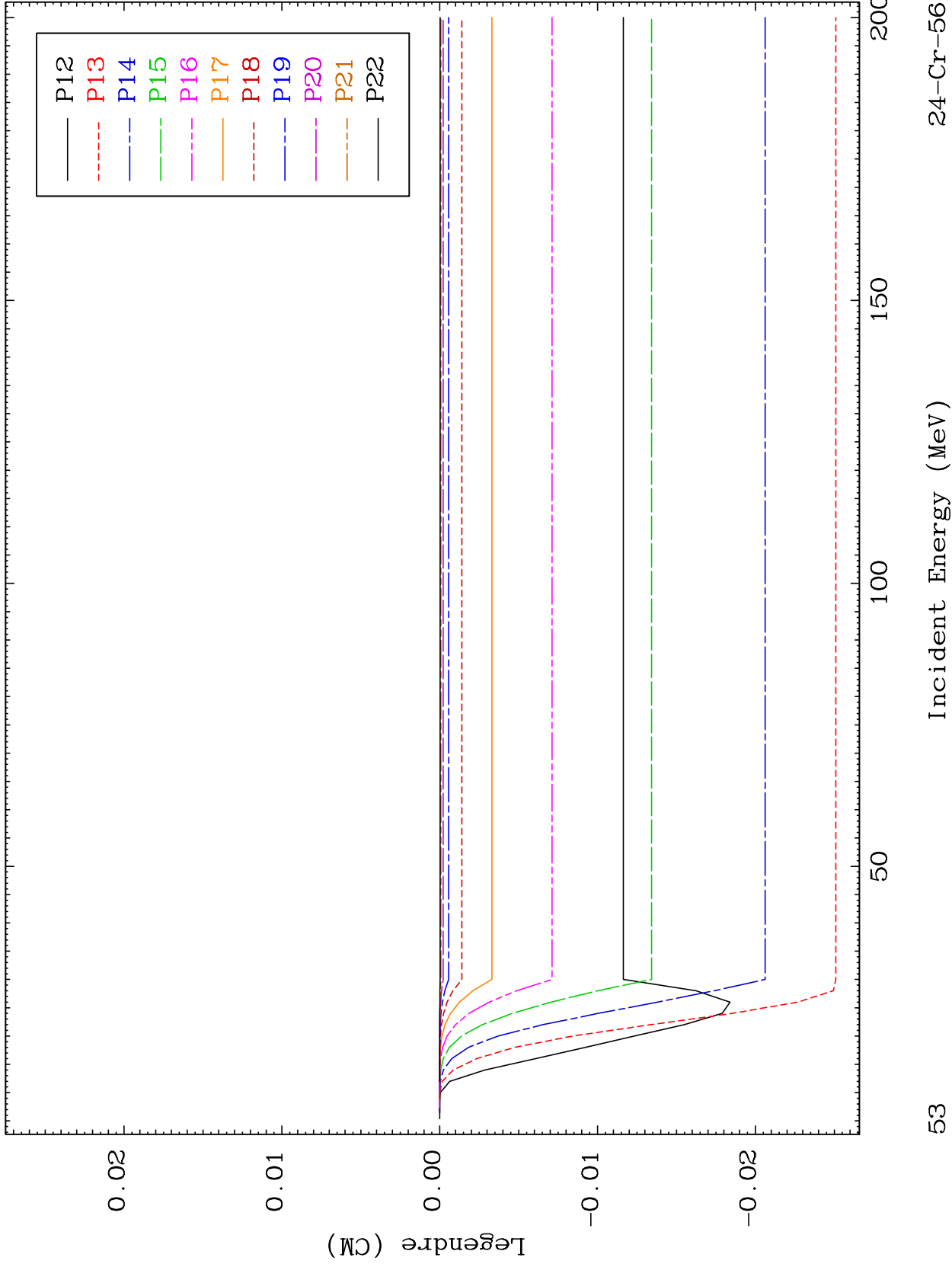
52

24-Cr-56

MAT 2443

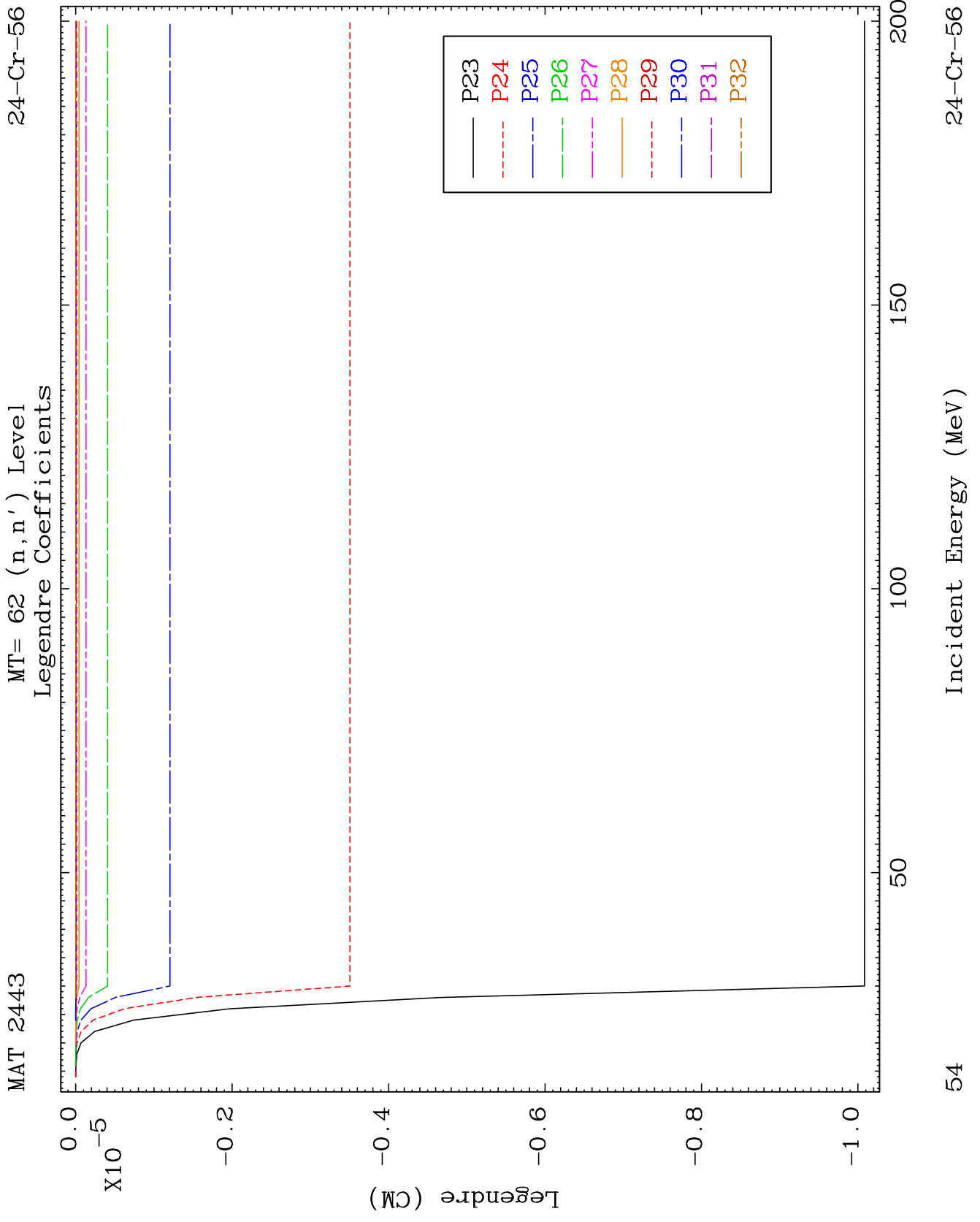
MT= 62 (n,n') Level  
Legendre Coefficients

24-Cr-56



53

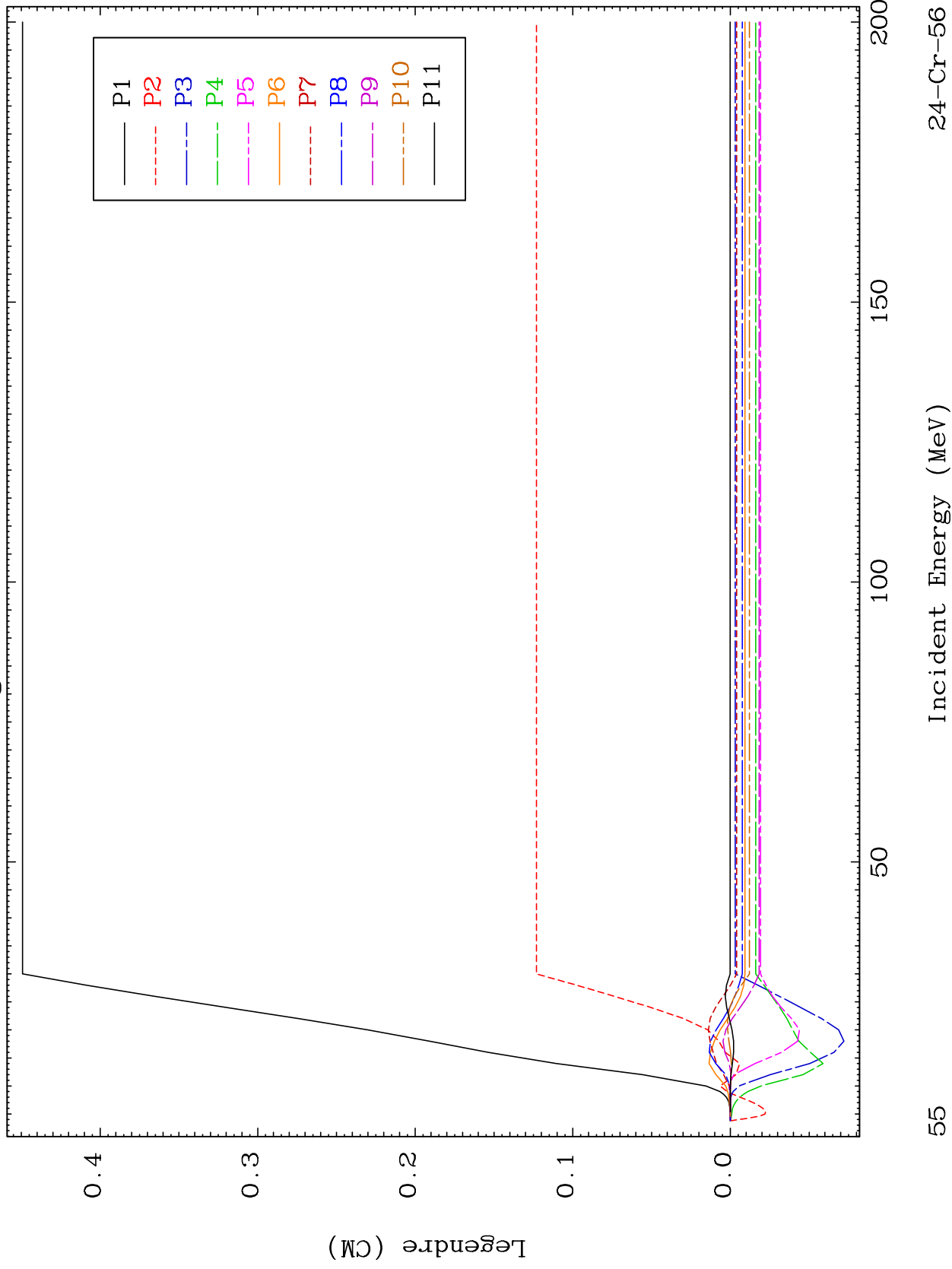
24-Cr-56



MAT 2443

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

24-Cr-56

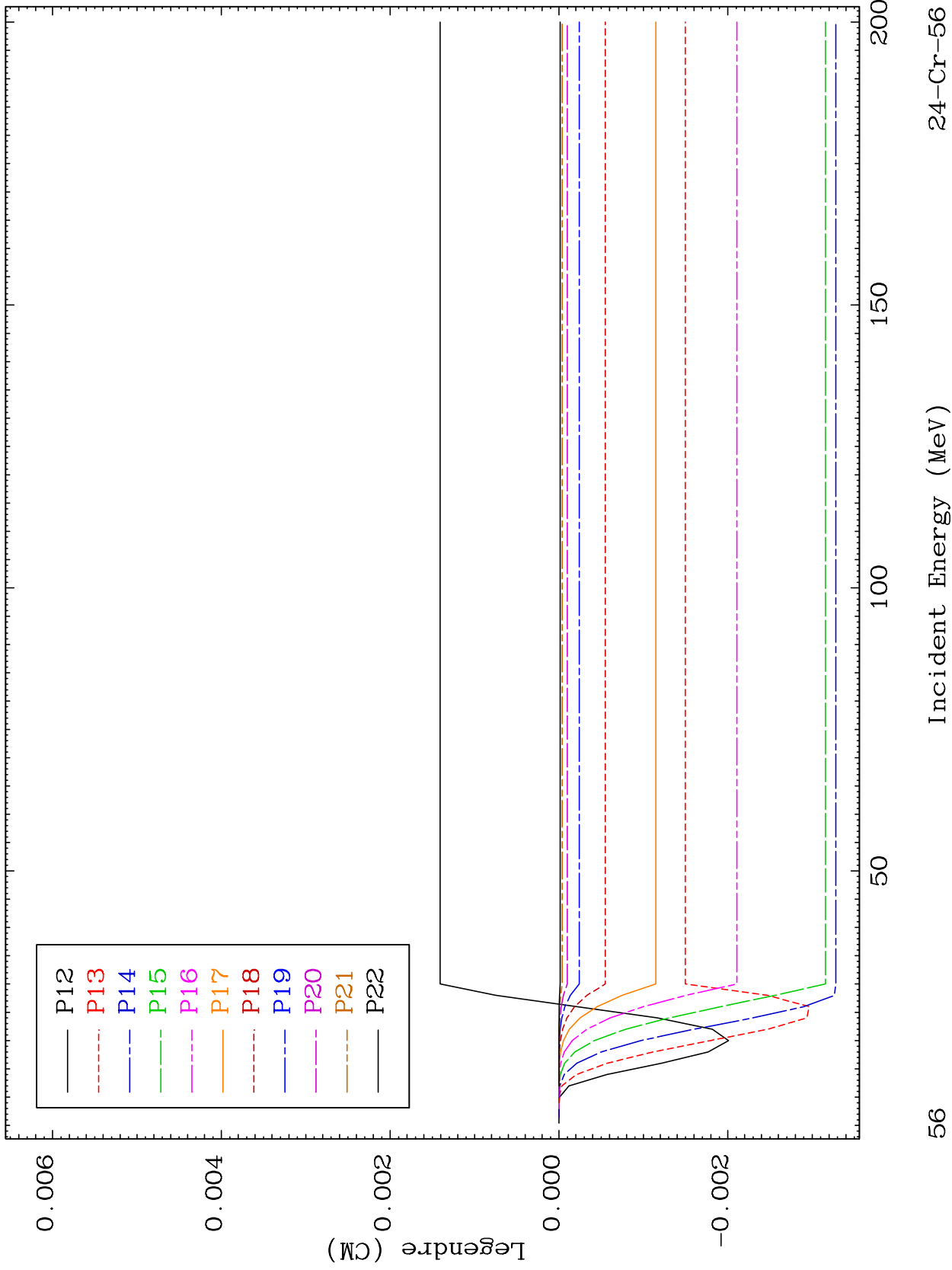


55

Incident Energy (MeV)

24-Cr-56

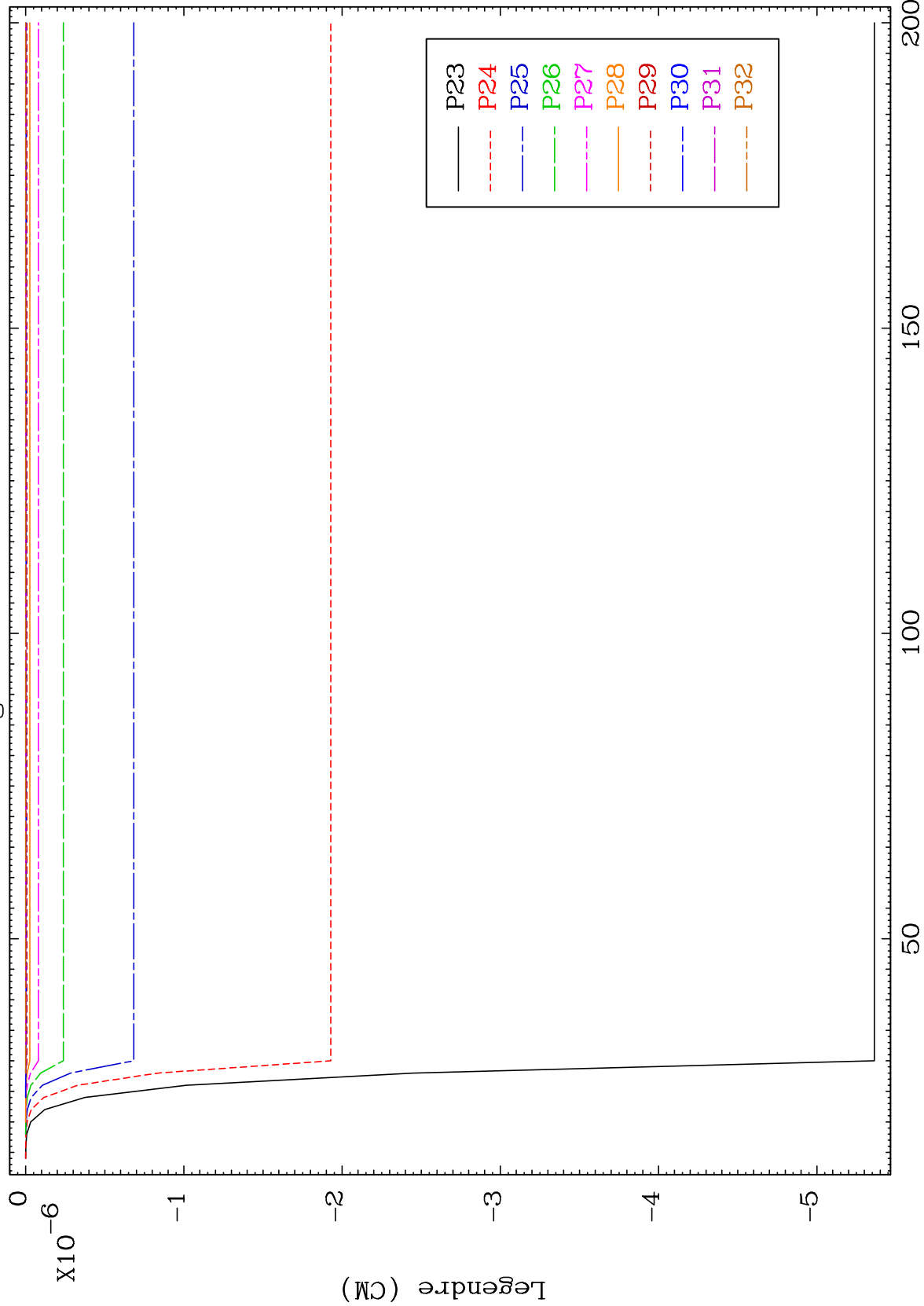




MAT 2443

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

24-Cr-56



57

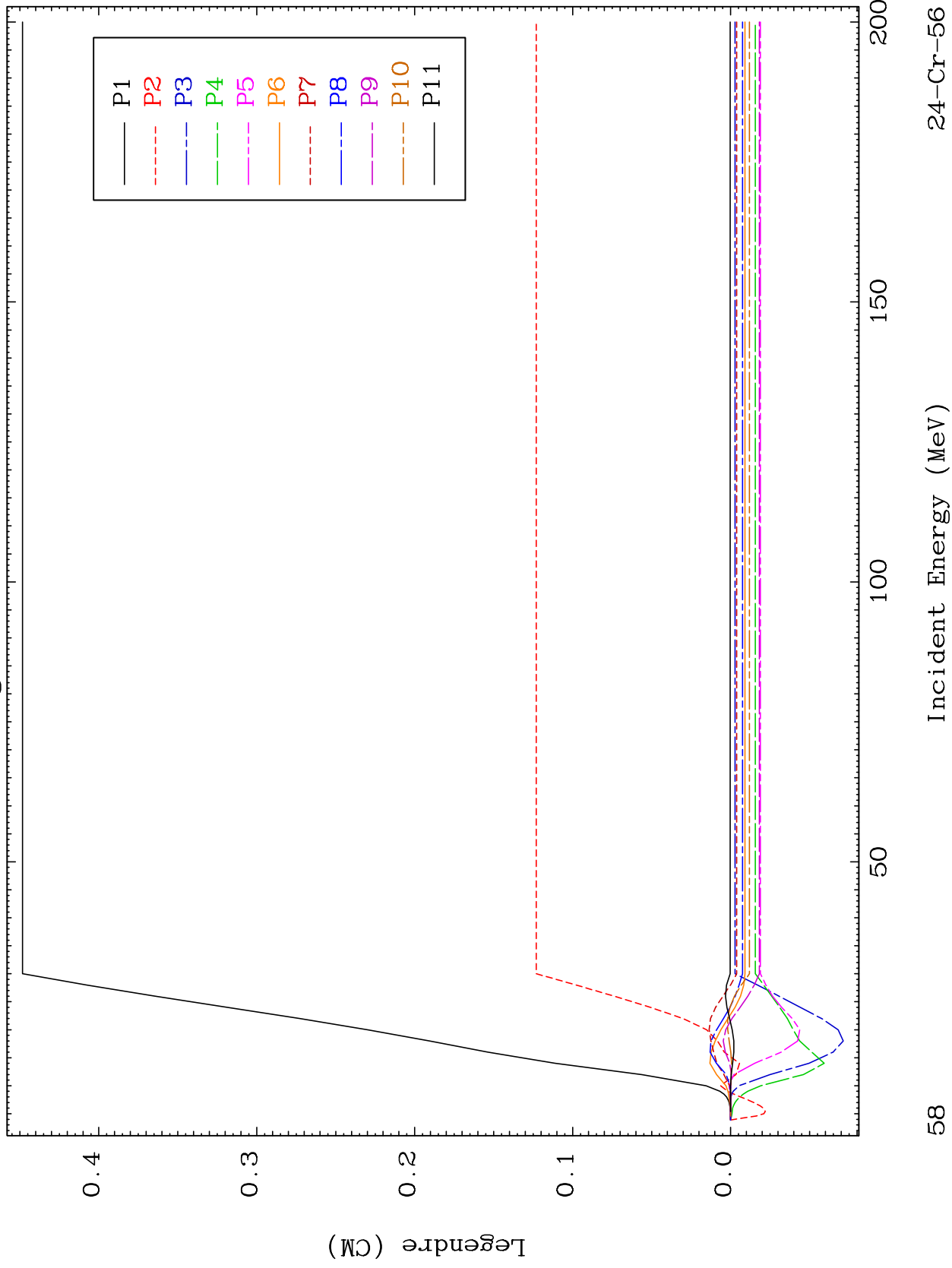
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

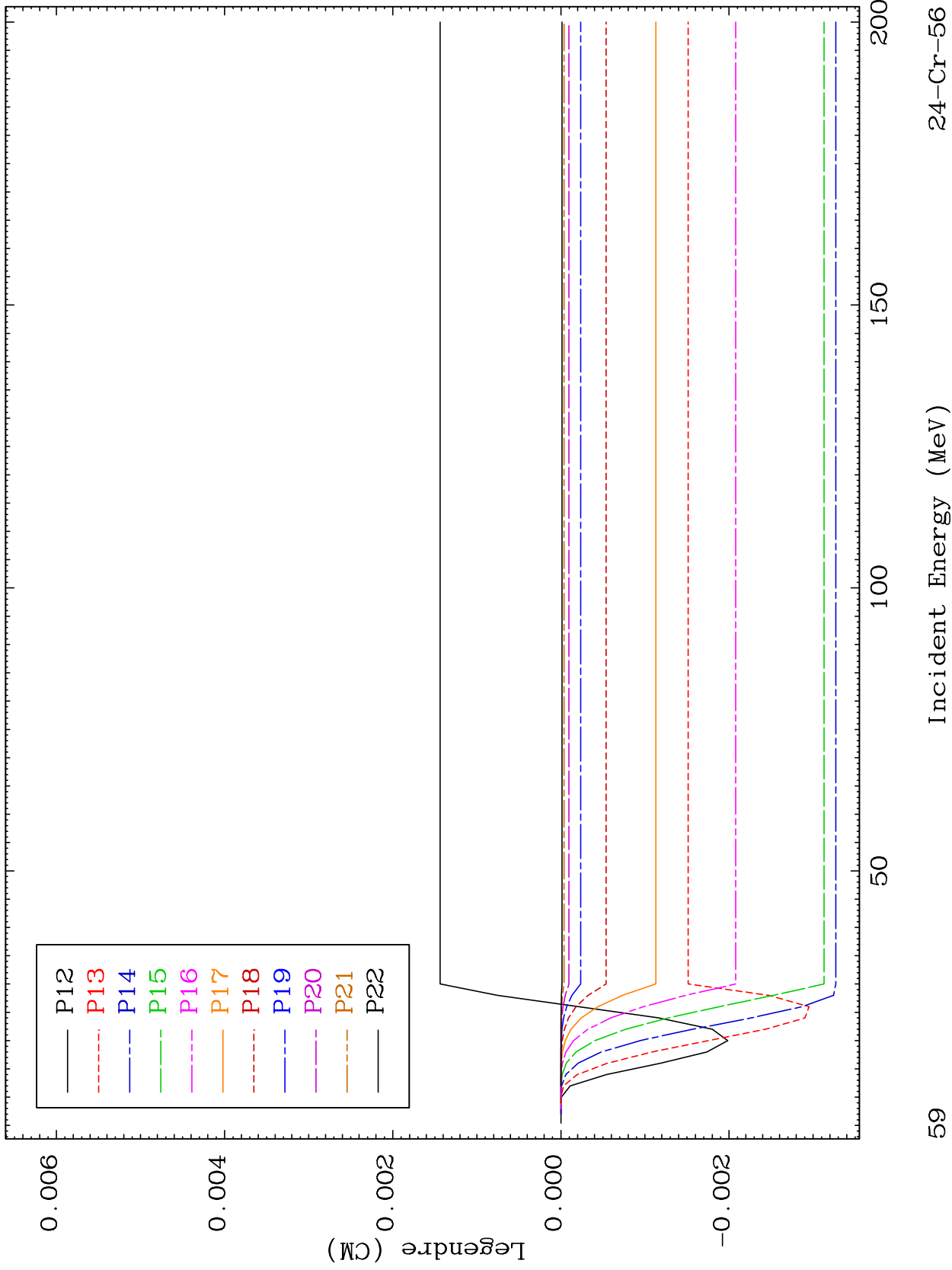
24-Cr-56



MAT 2443

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

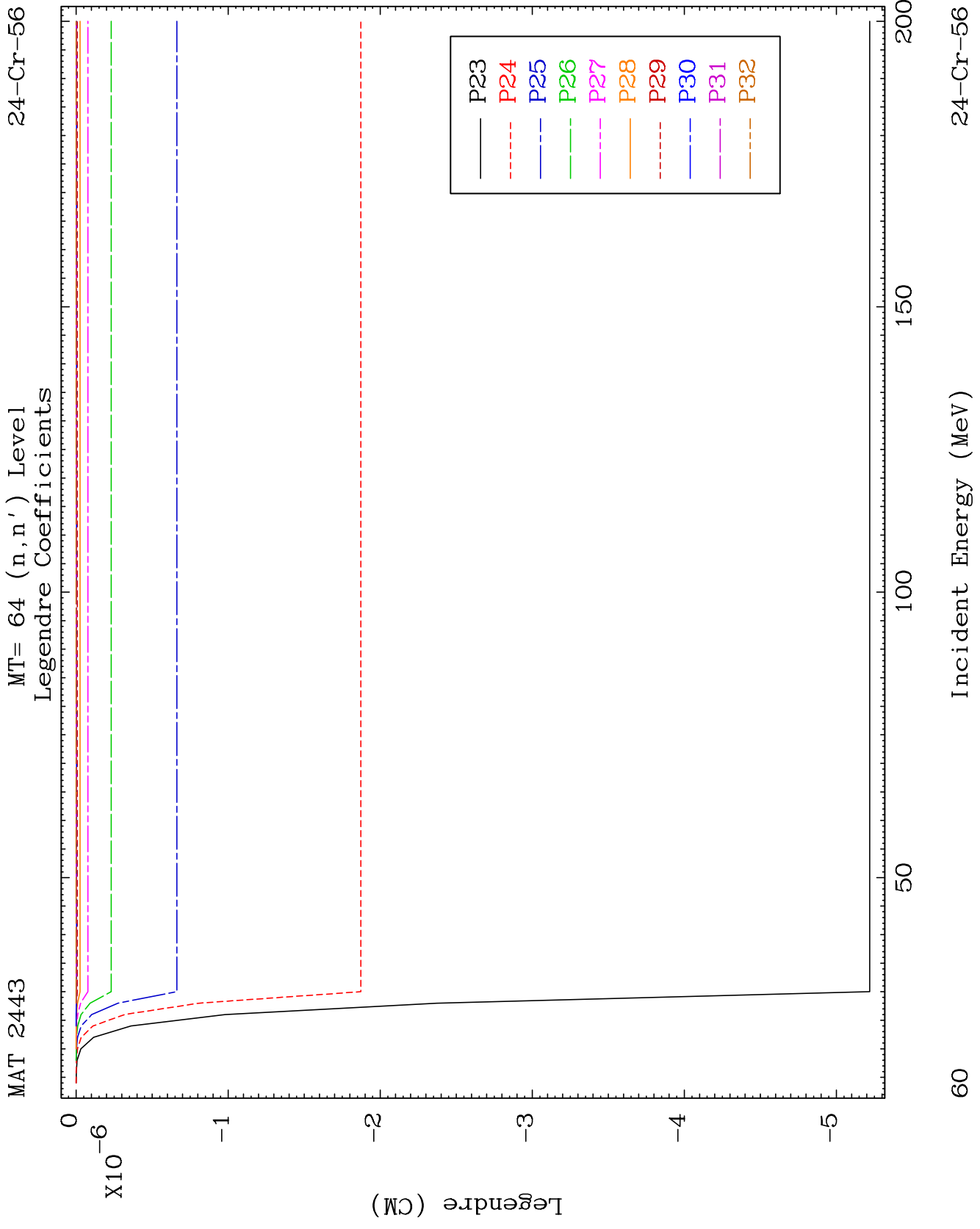
24-Cr-56



59

Incident Energy (MeV)

24-Cr-56

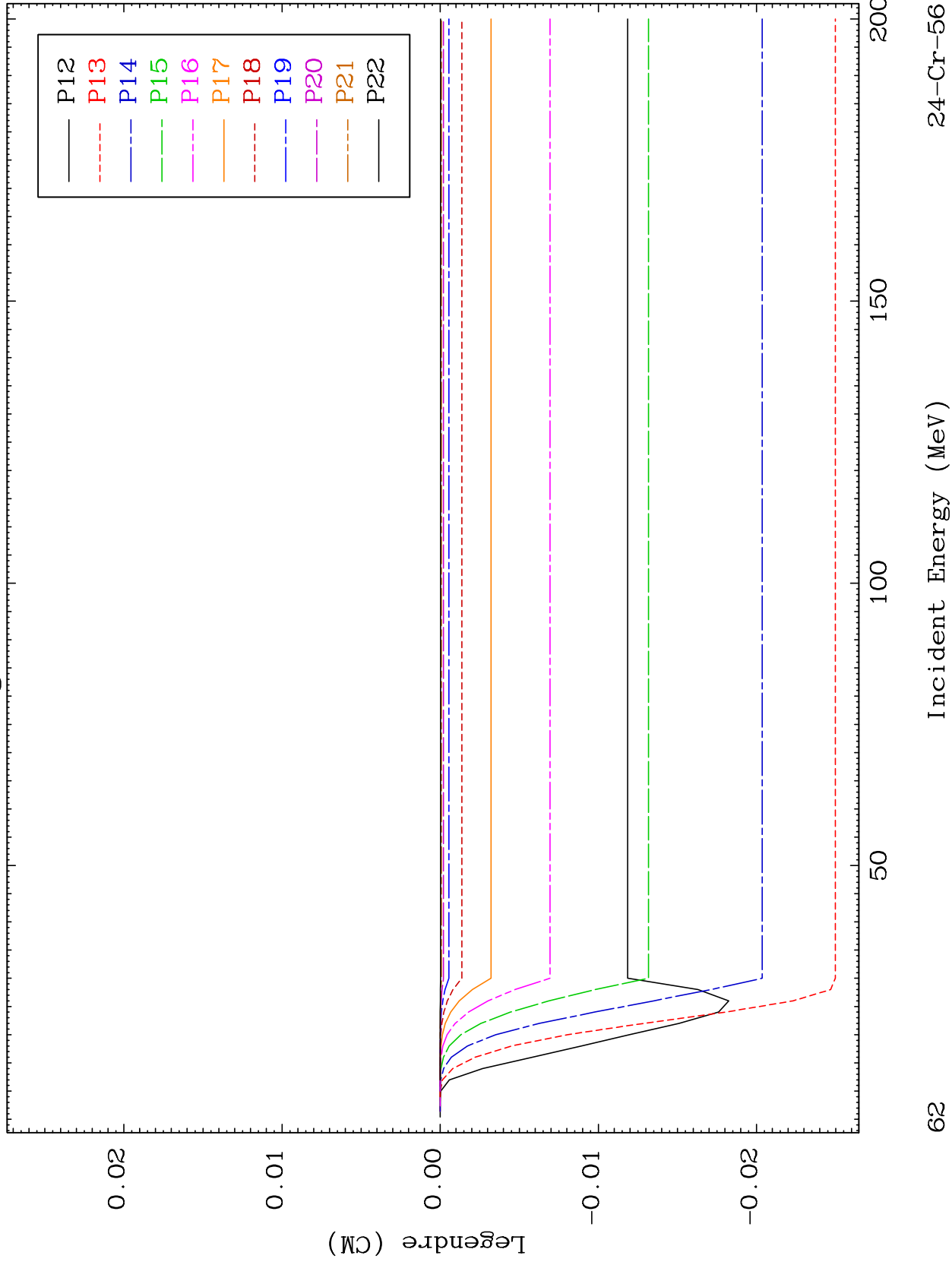




MAT 2443

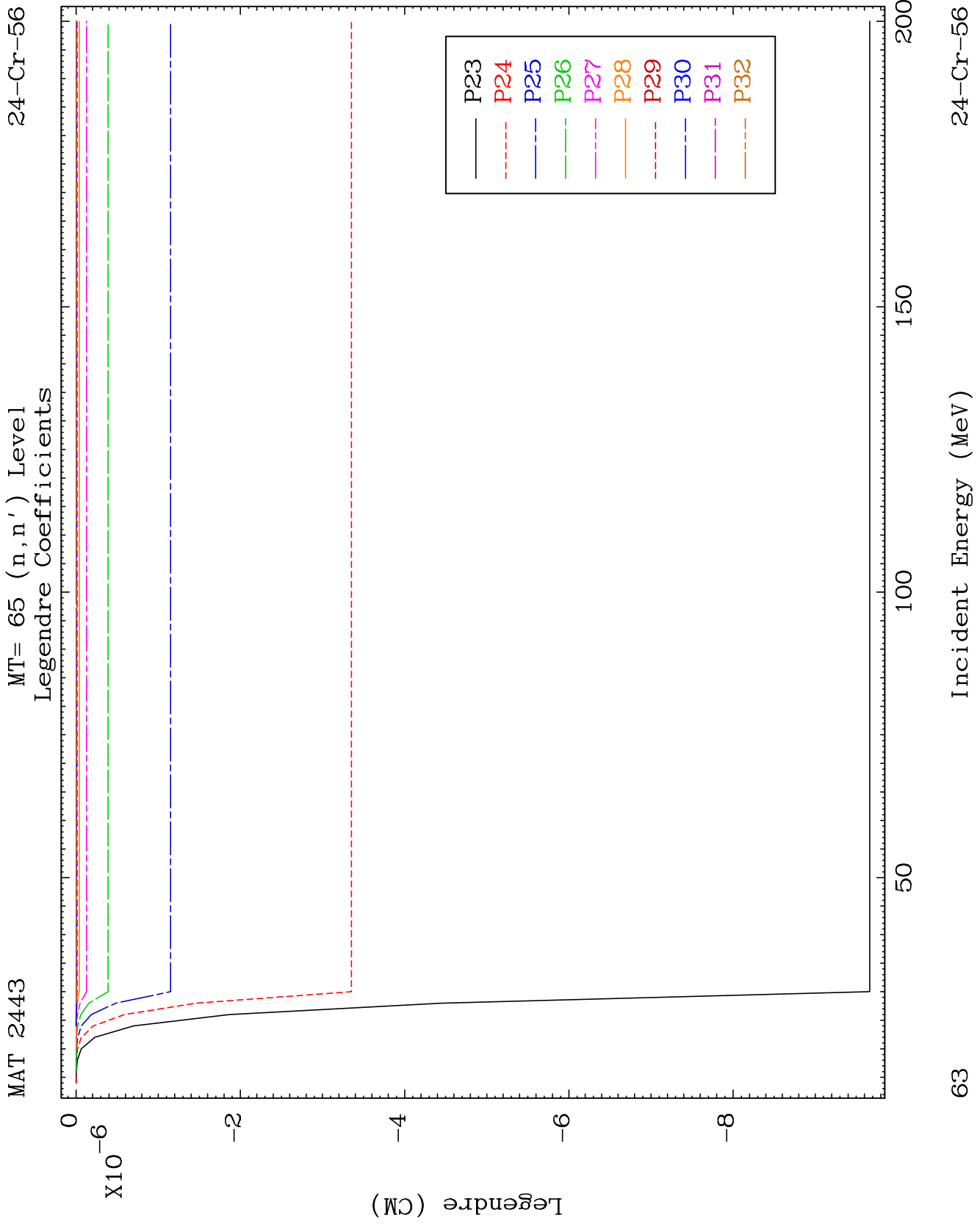
MT= 65 (n,n') Level  
Legendre Coefficients

24-Cr-56

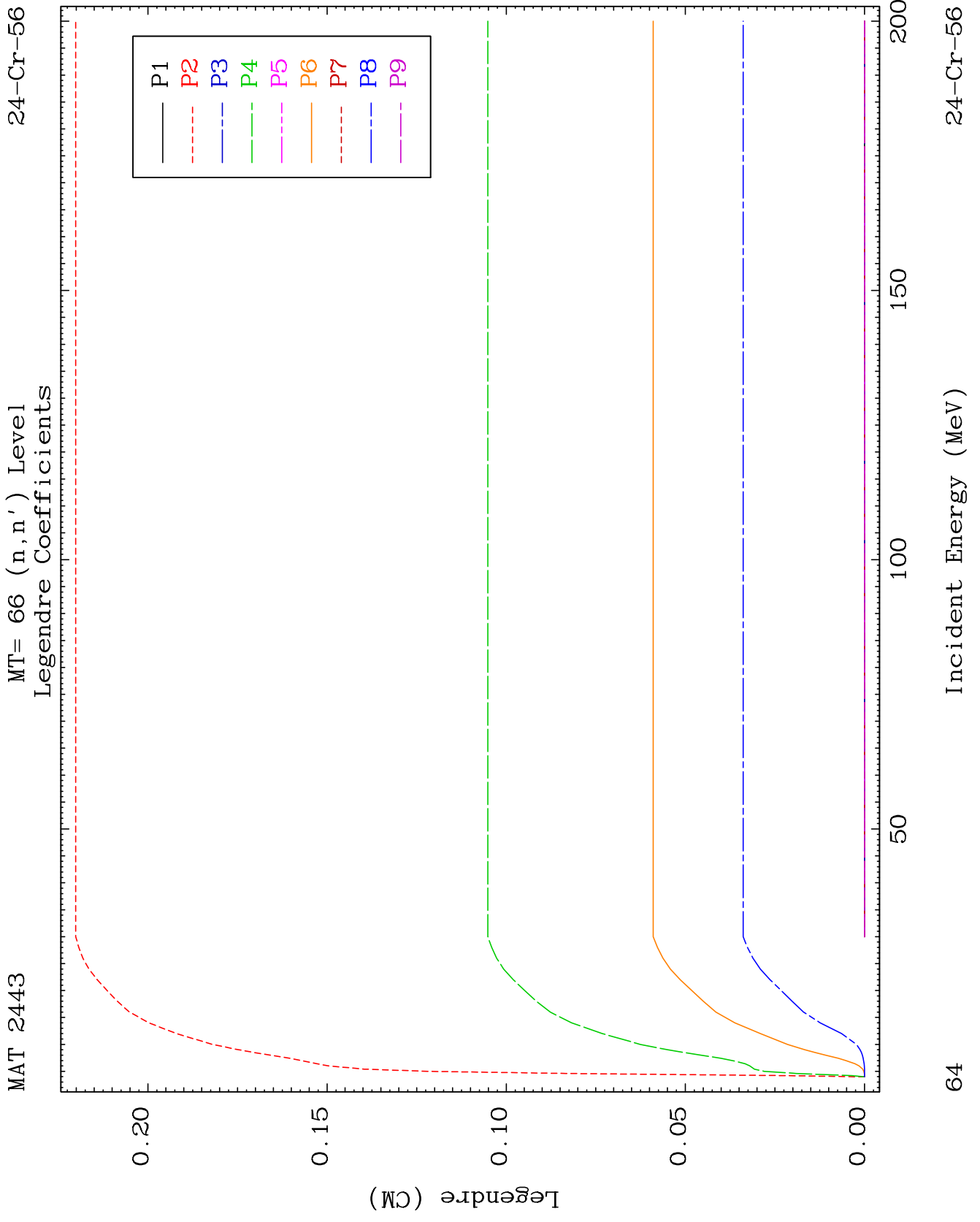


62

24-Cr-56



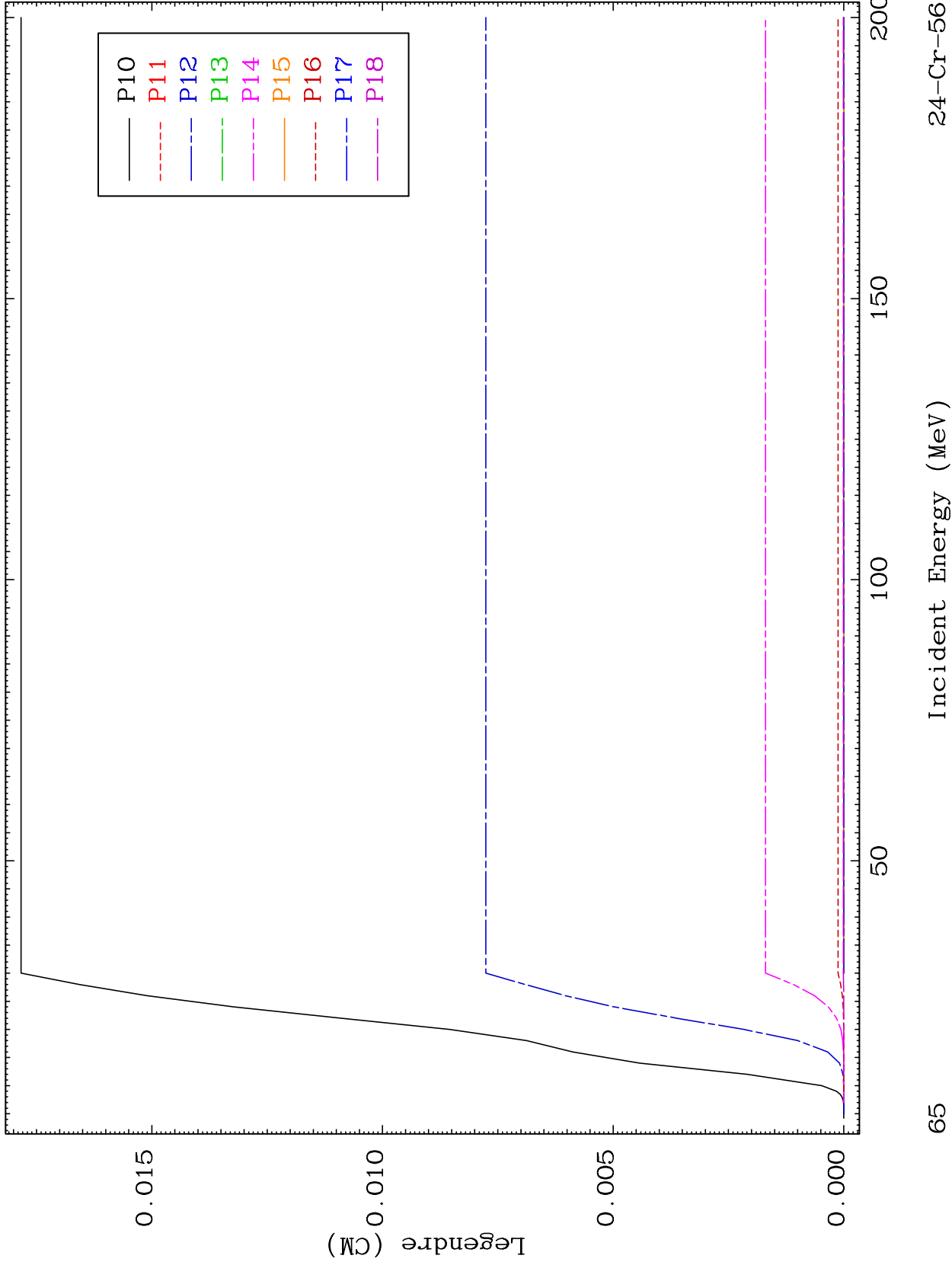




MAT 2443

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

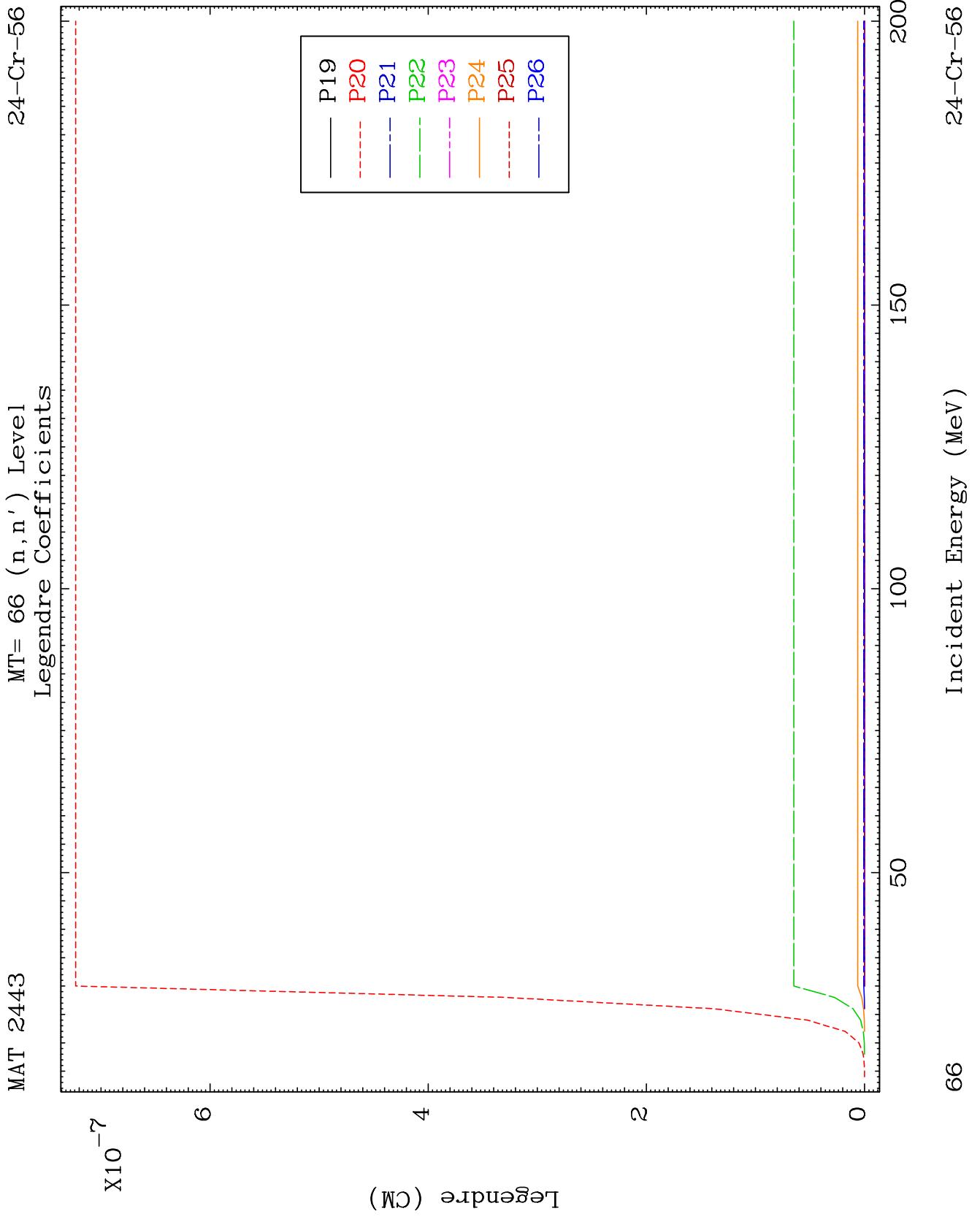
24-Cr-56



65

Incident Energy (MeV)

24-Cr-56

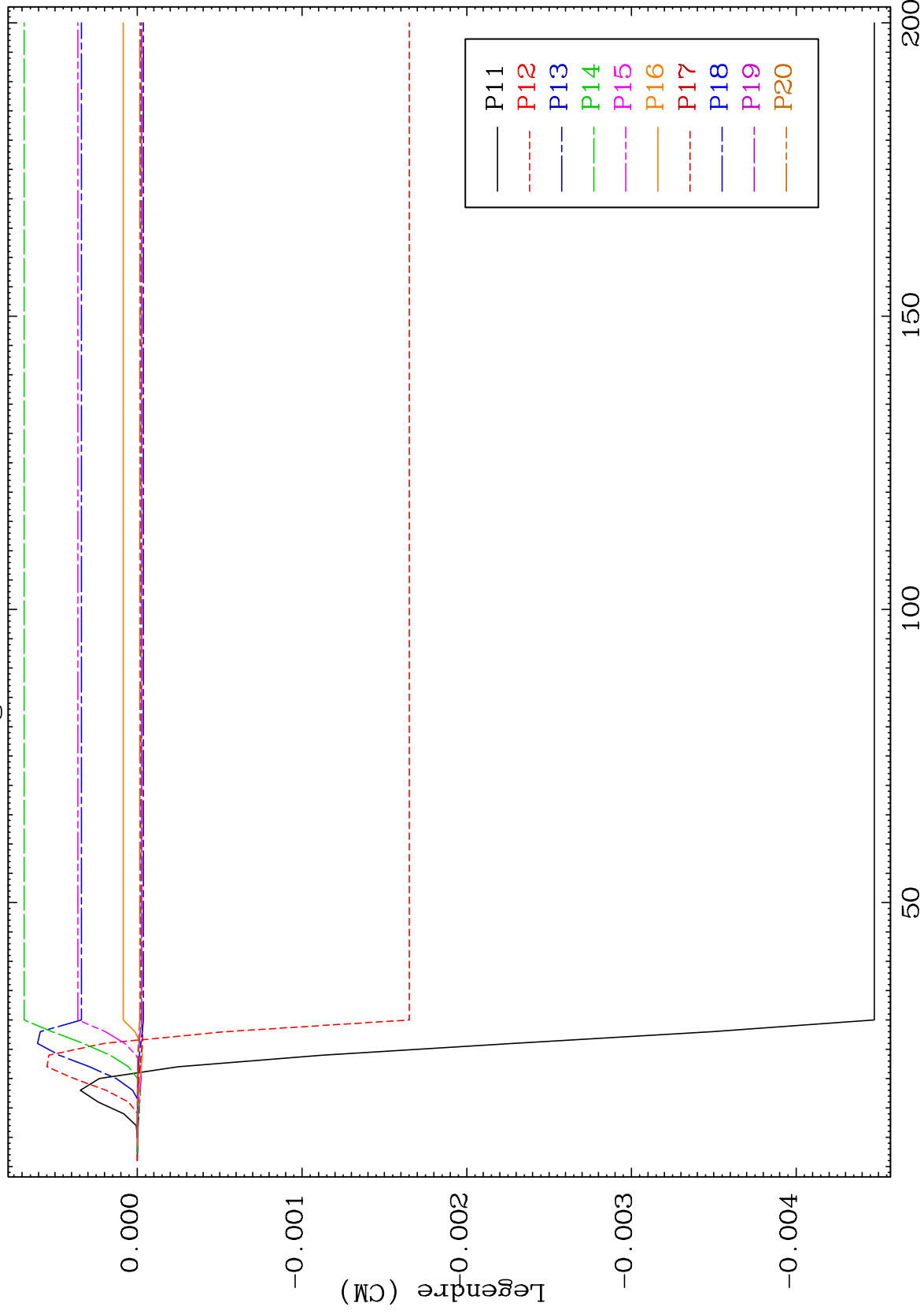




MAT 2443

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

24-Cr-56



68

Incident Energy (MeV)

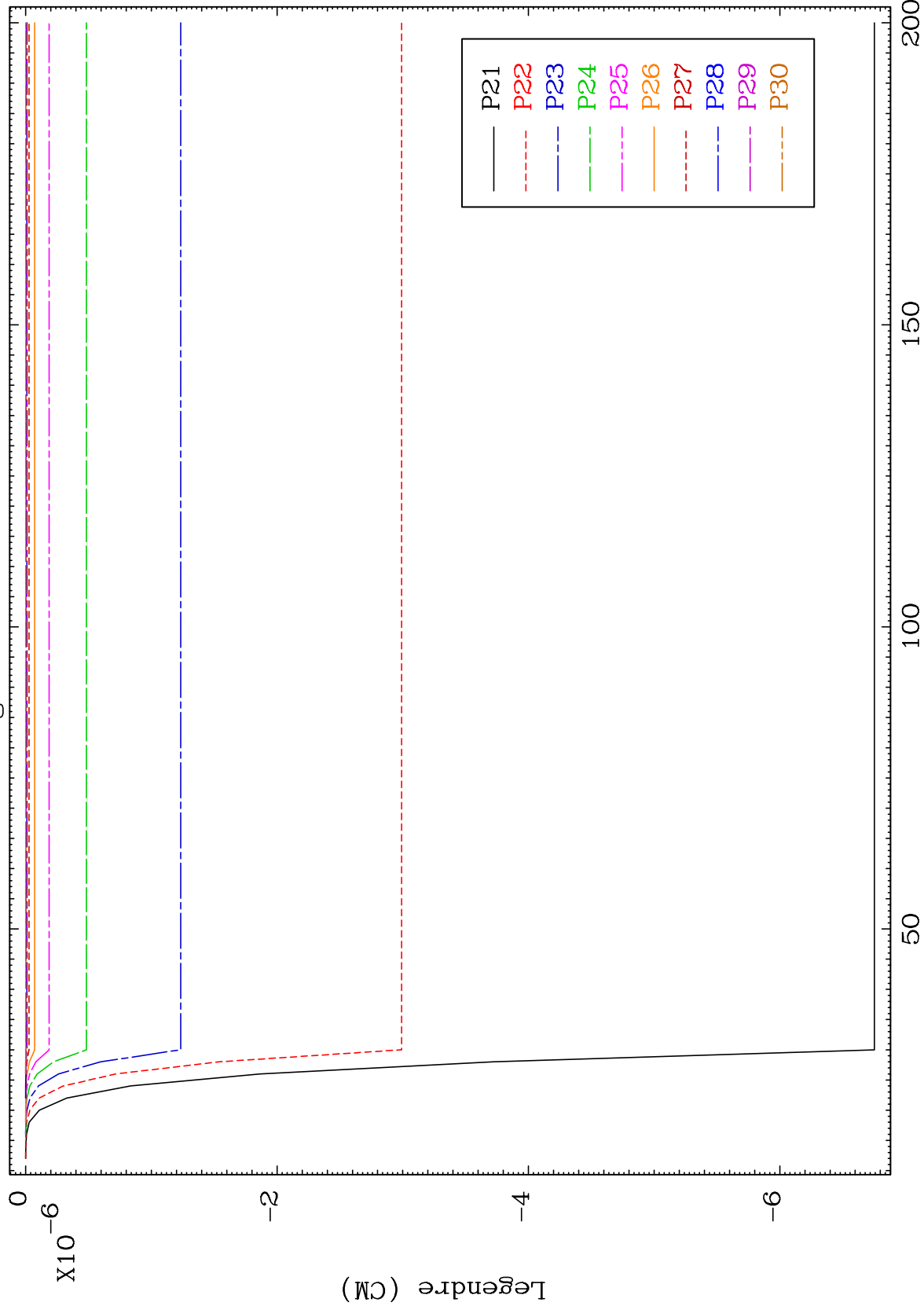
24-Cr-56

MAT 2443

MT= 67 (n,n') Level

24-Cr-56

Legendre Coefficients



69

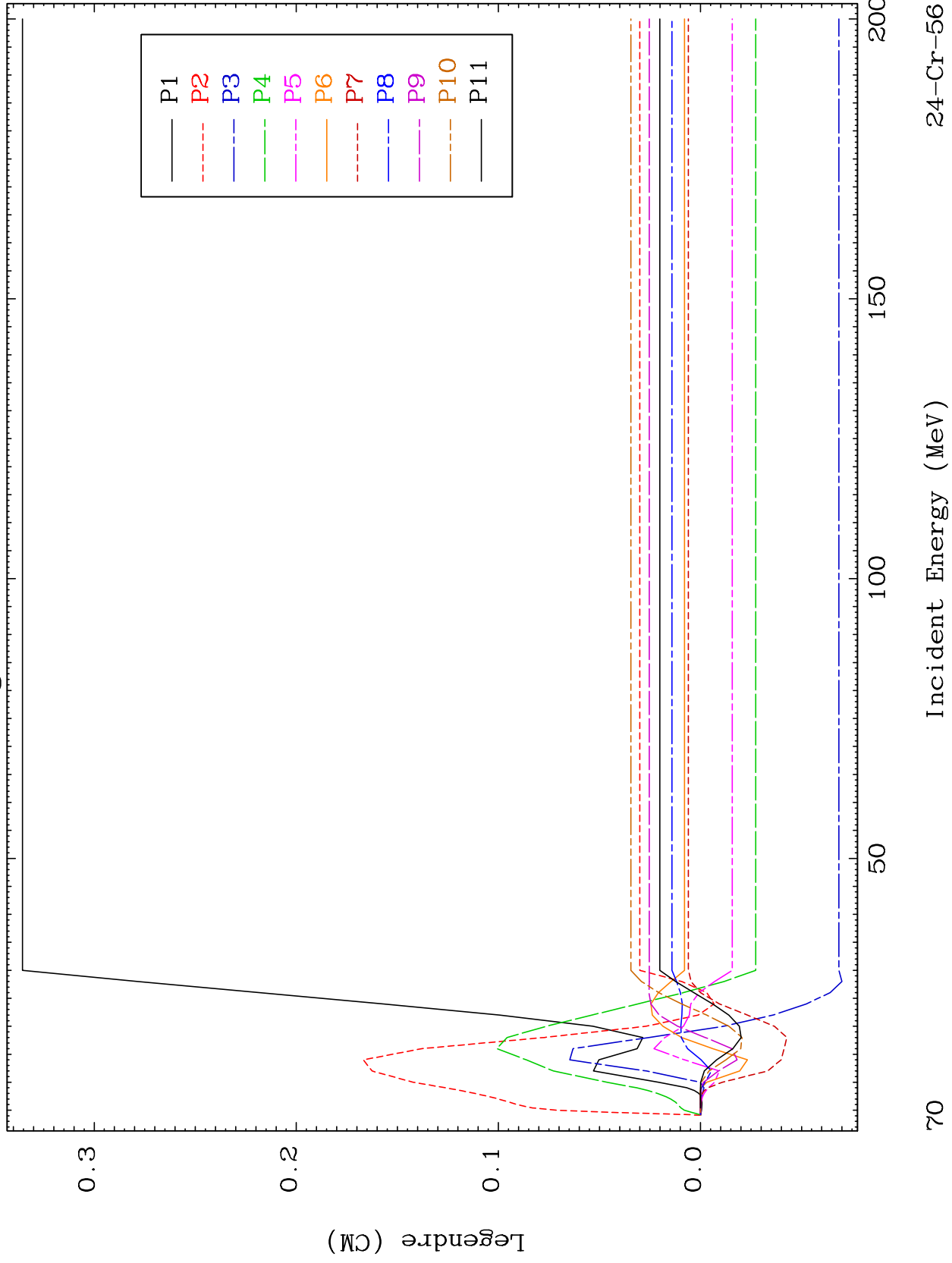
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



70

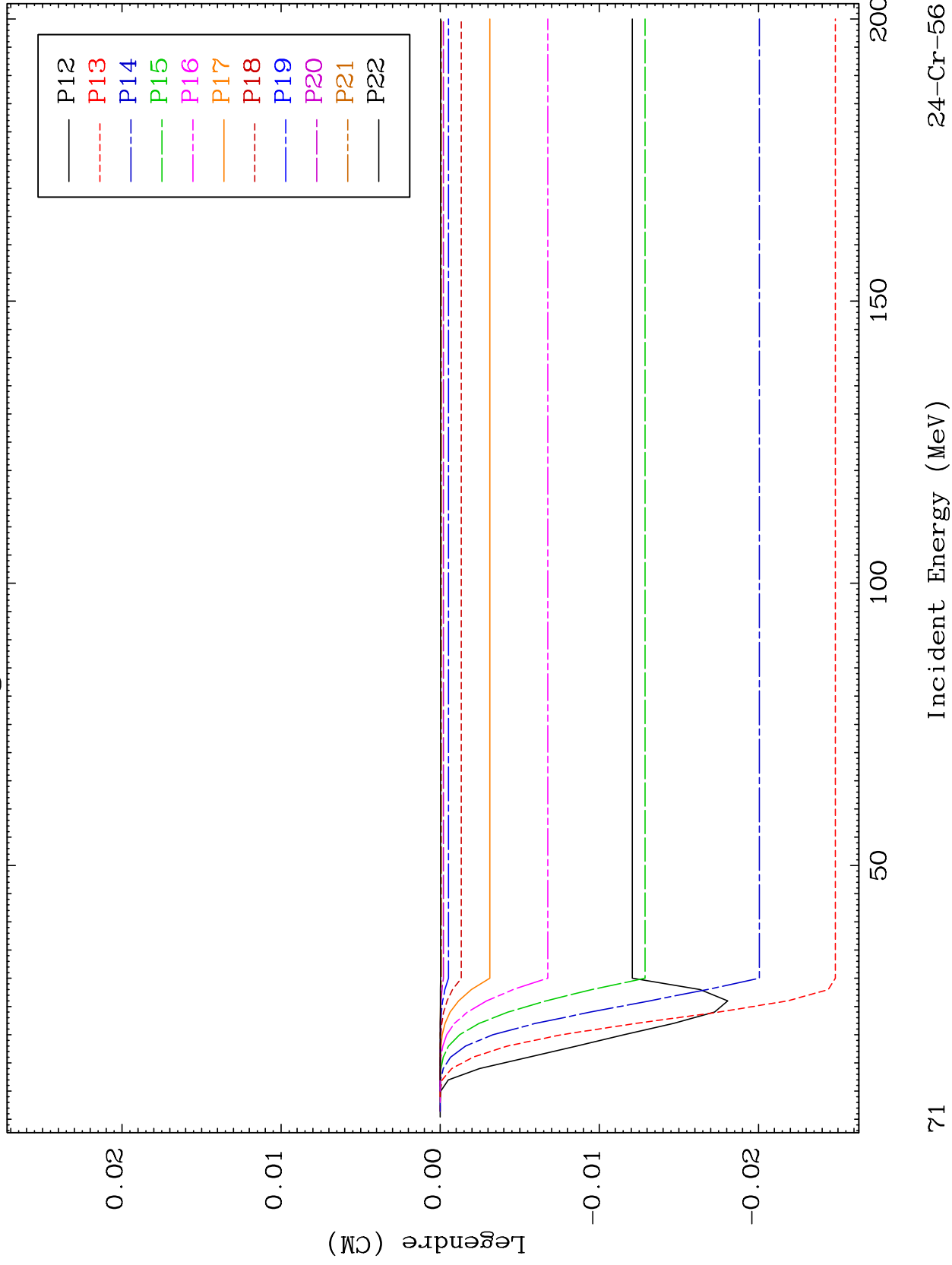
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

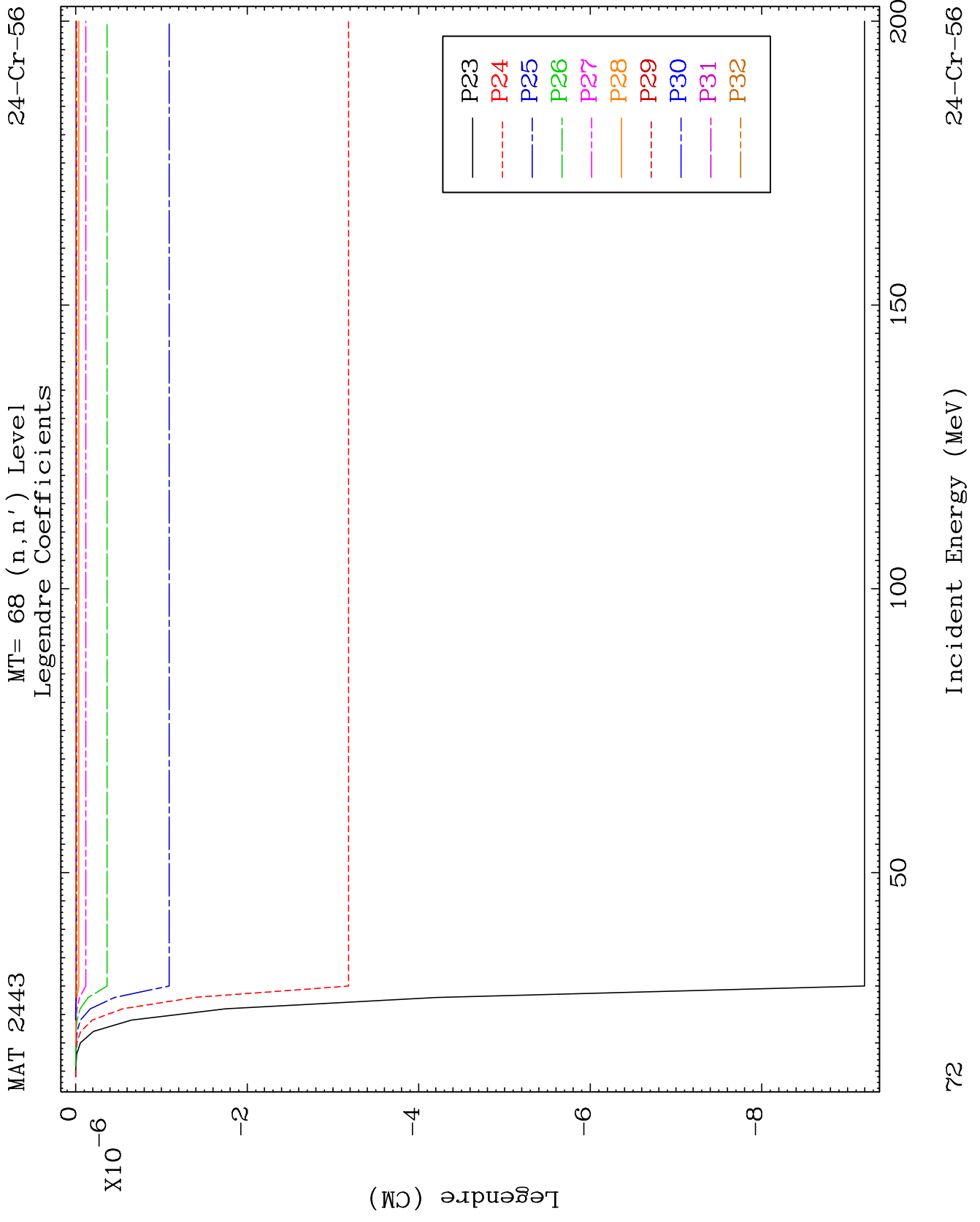
24-Cr-56



71

24-Cr-56

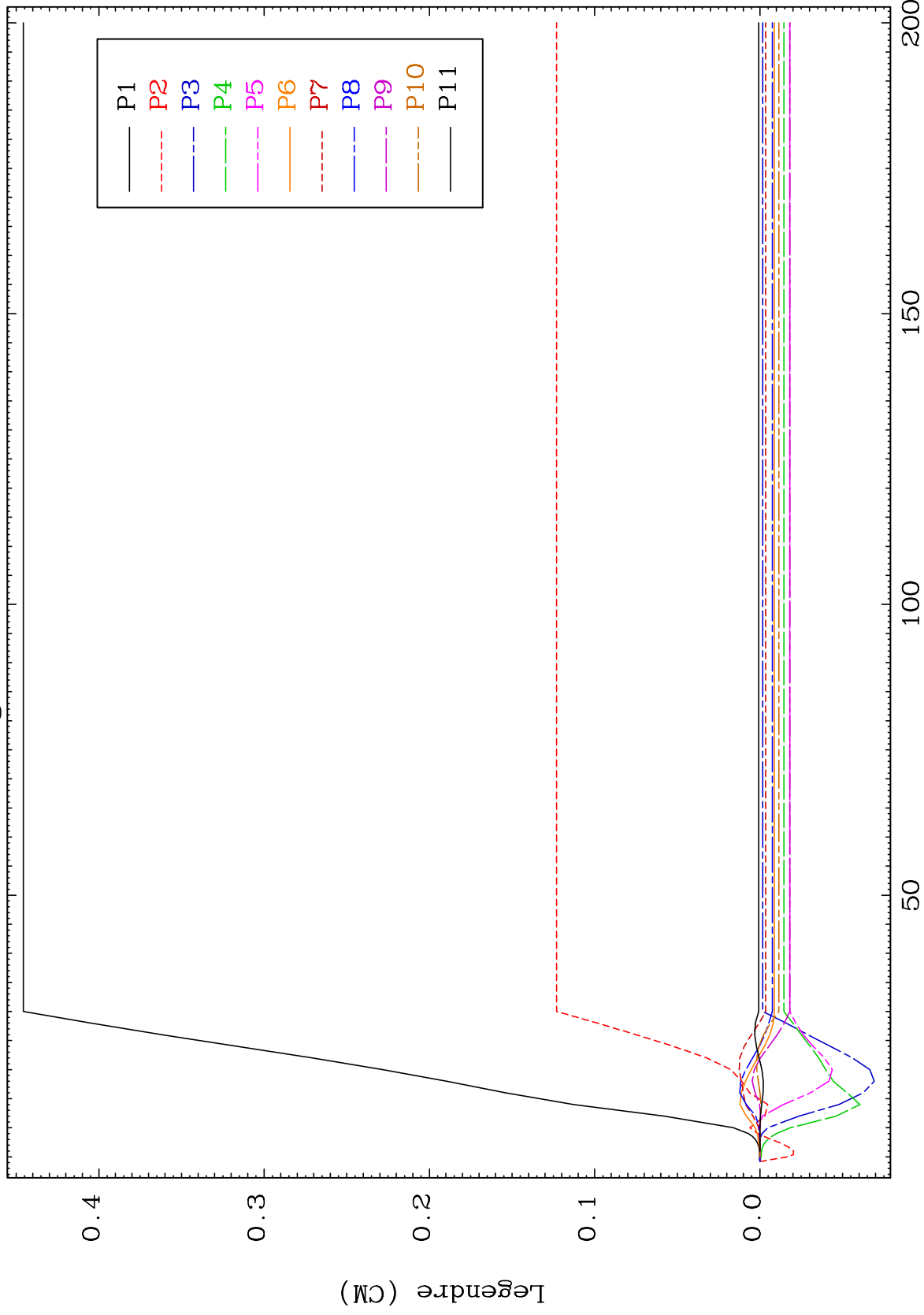




MAT 2443

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

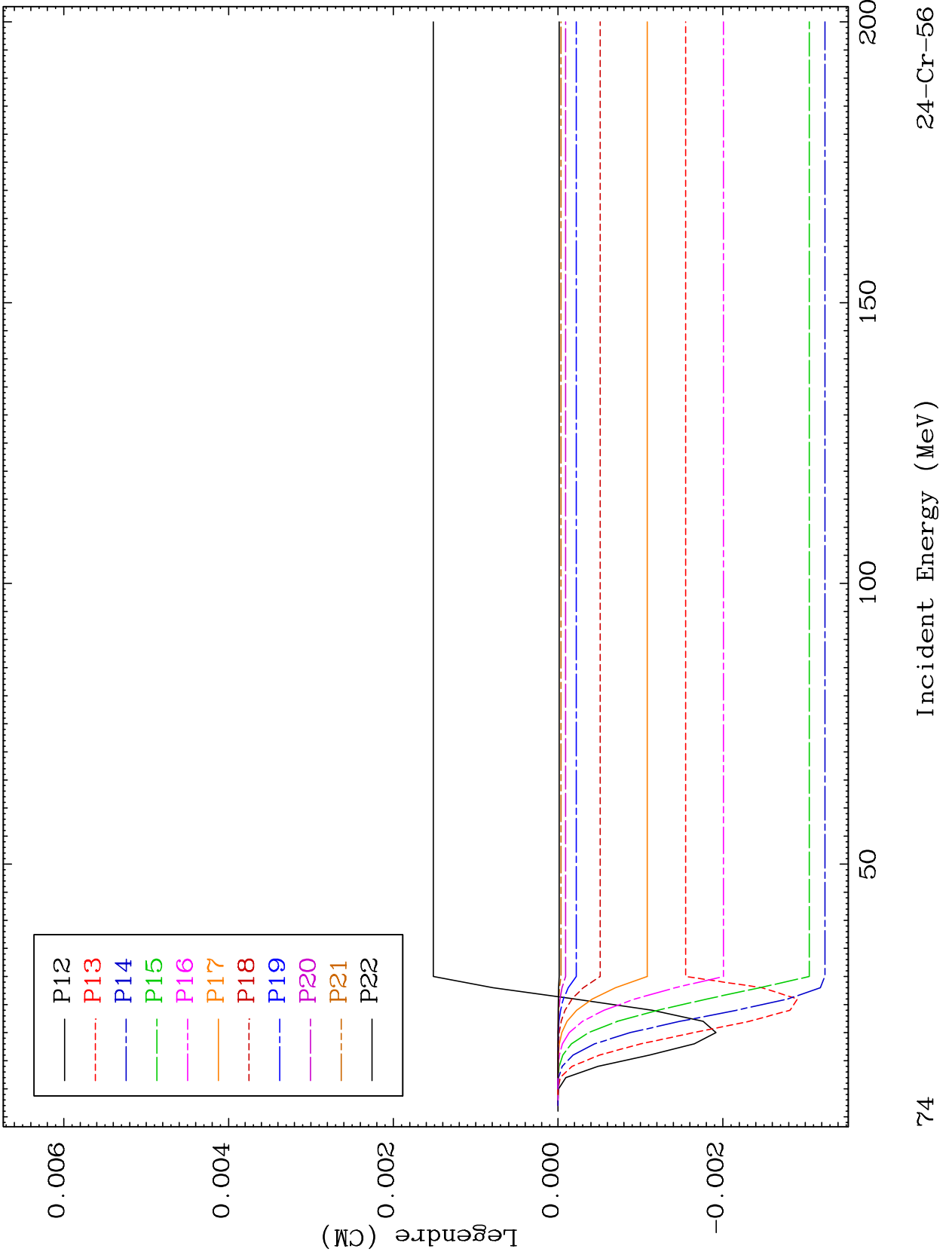
24-Cr-56



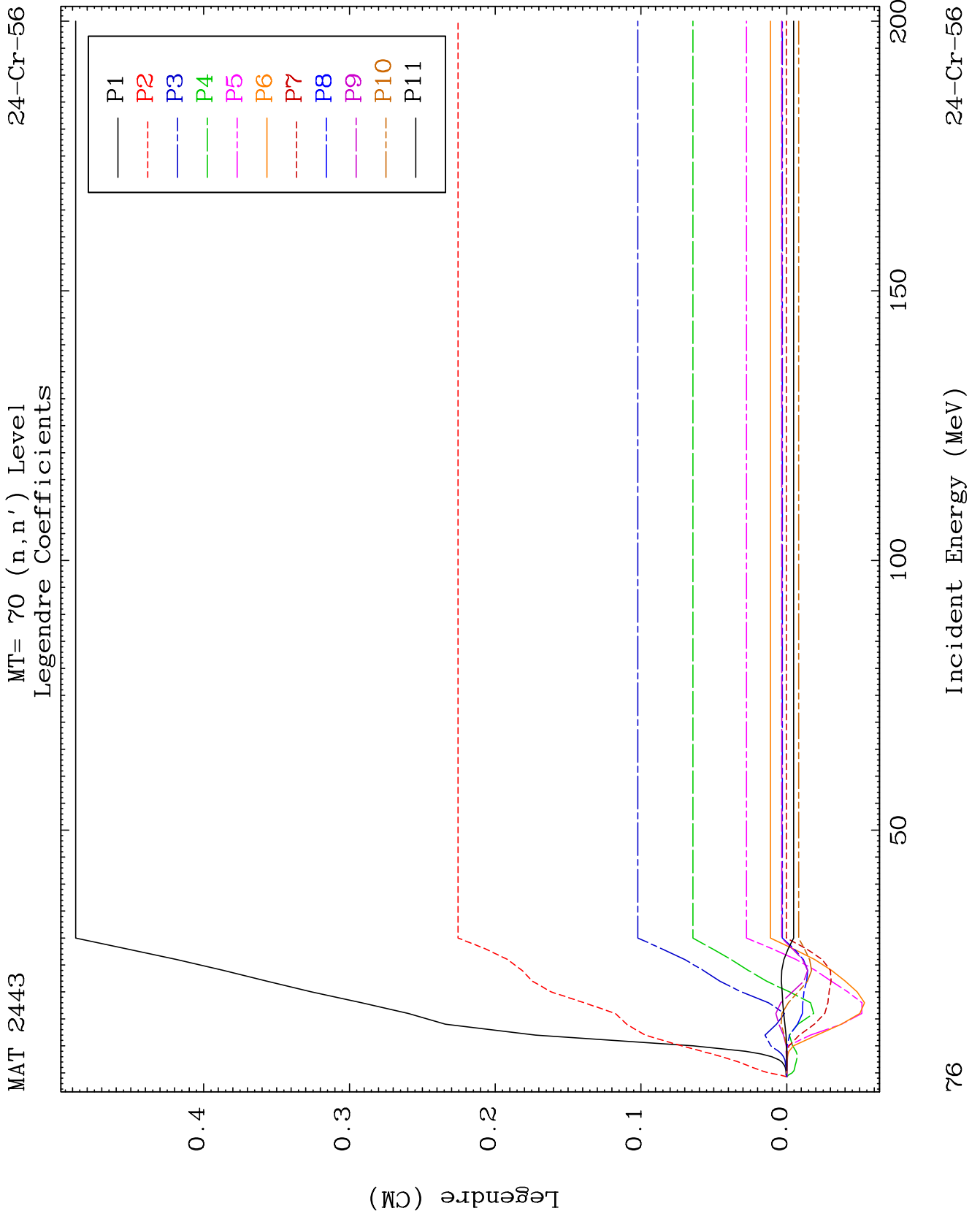
73

Incident Energy (MeV)

24-Cr-56



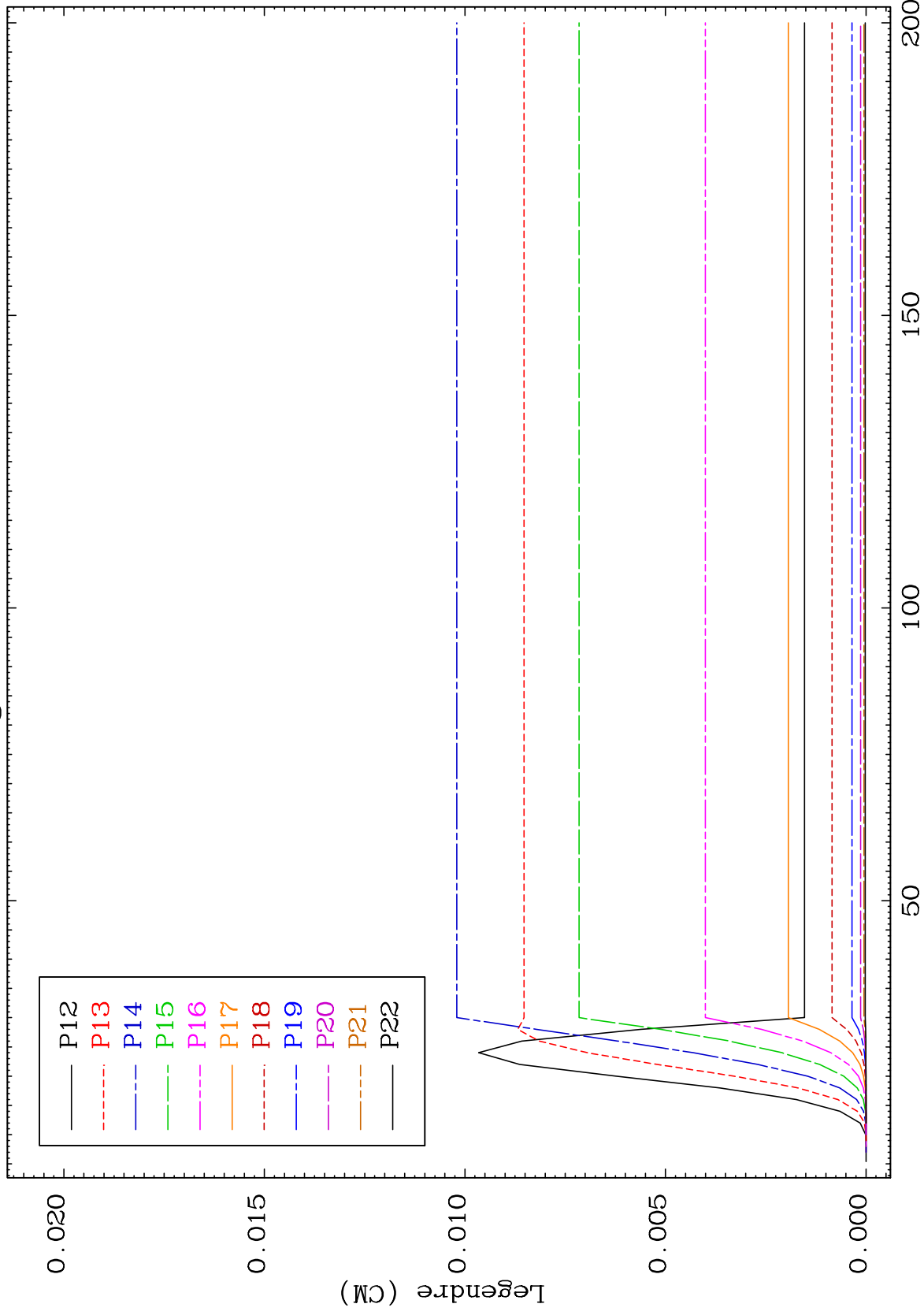




MAT 2443

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

24-Cr-56



77

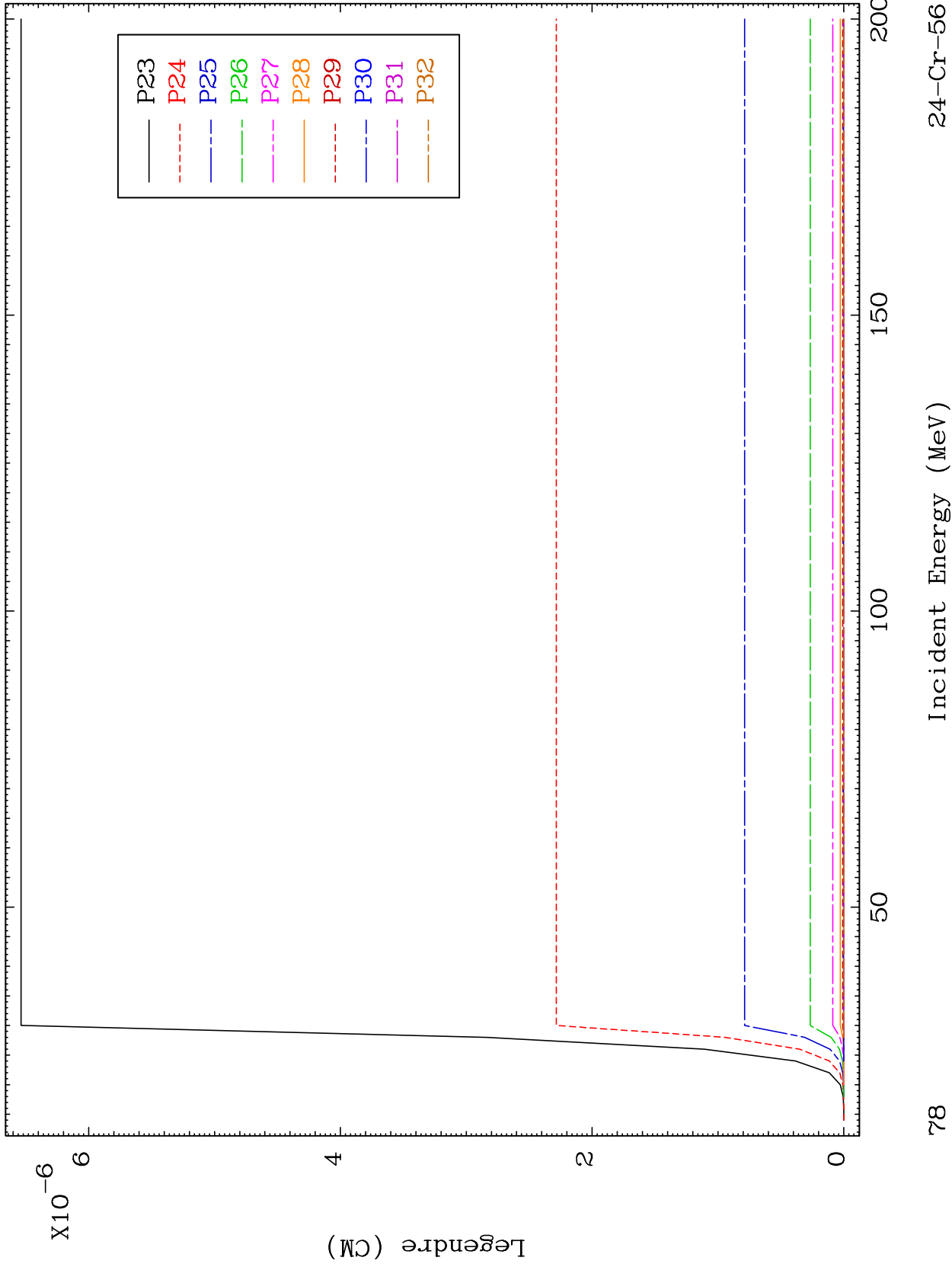
Incident Energy (MeV)

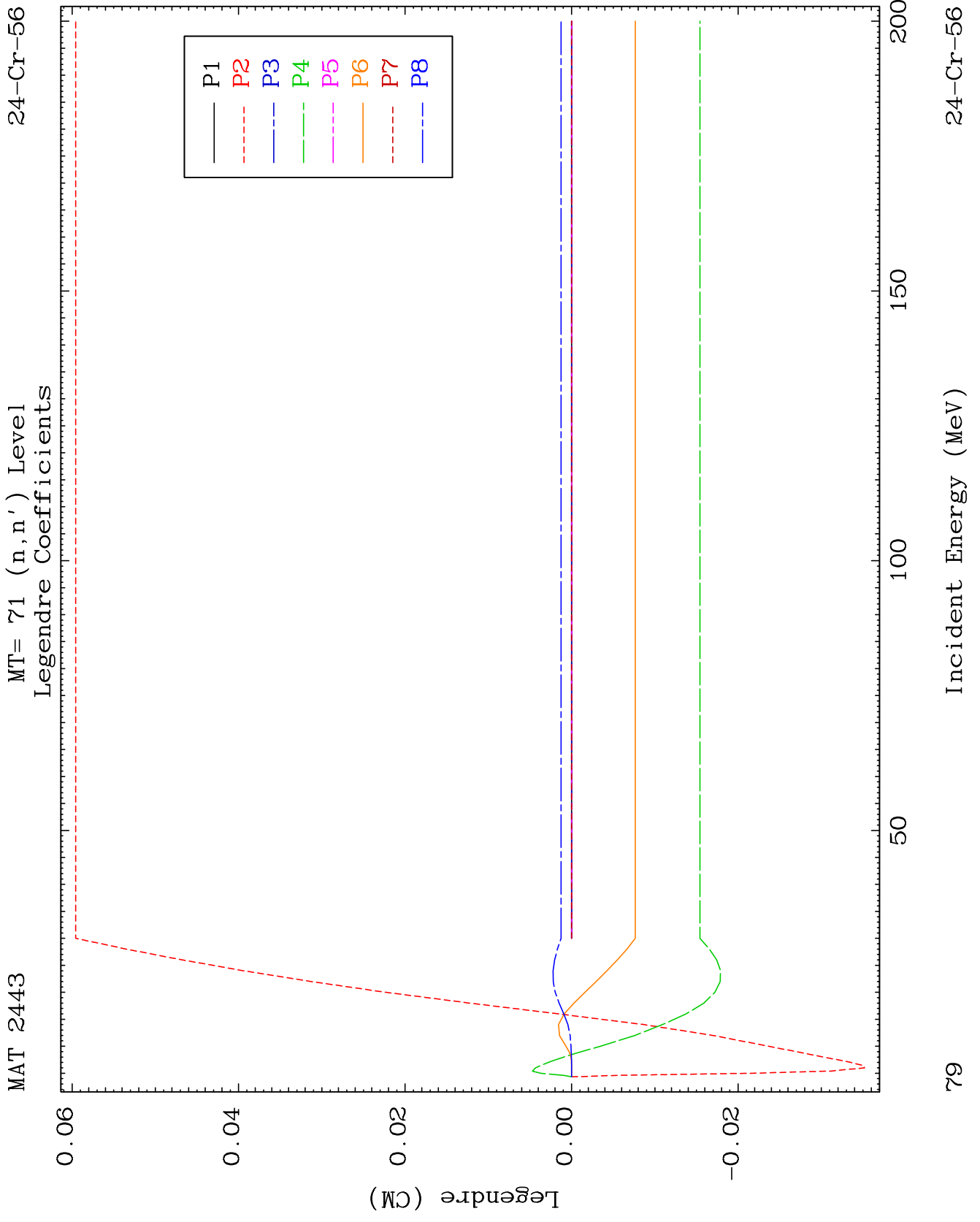
24-Cr-56

MAT 2443

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

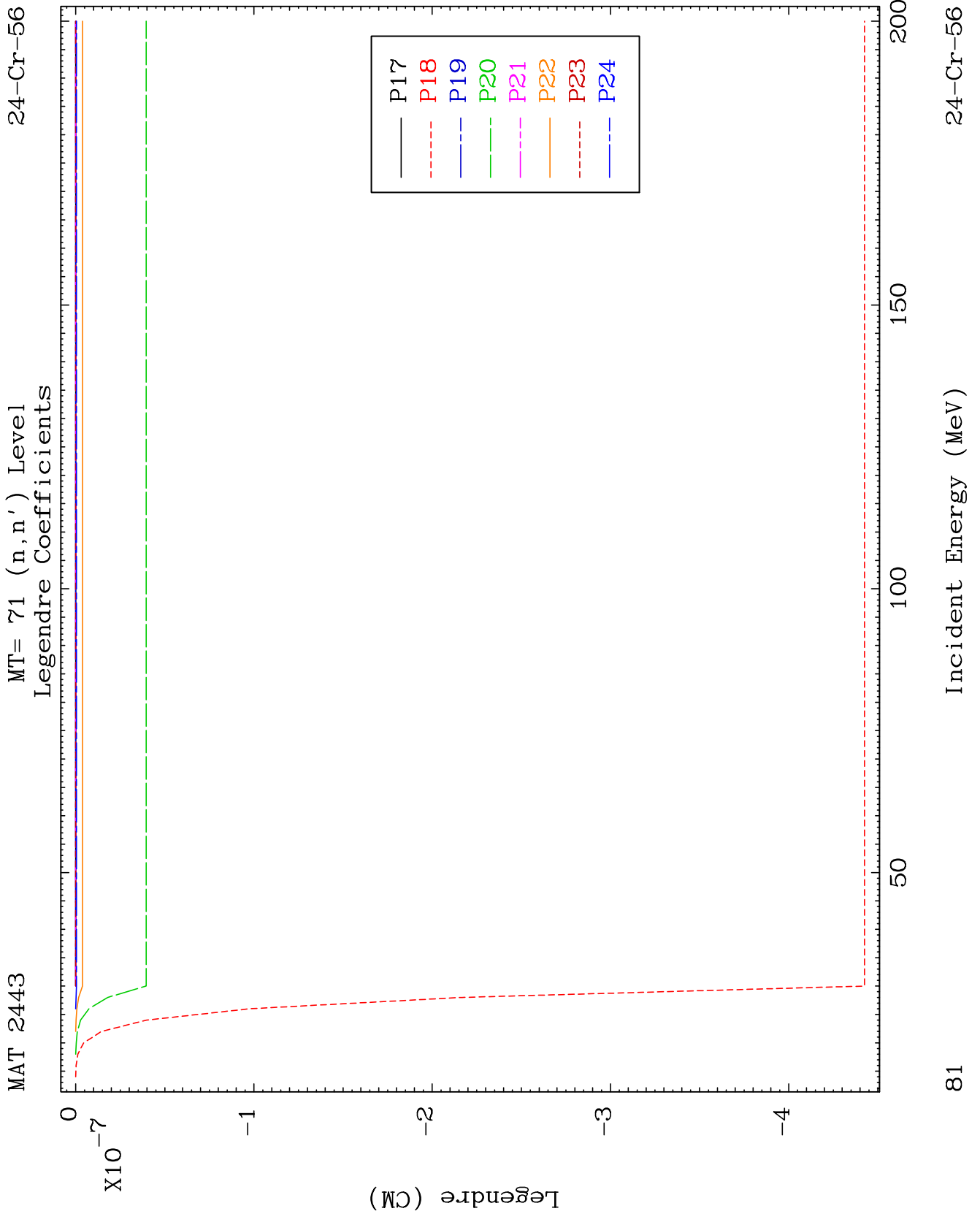
24-Cr-56







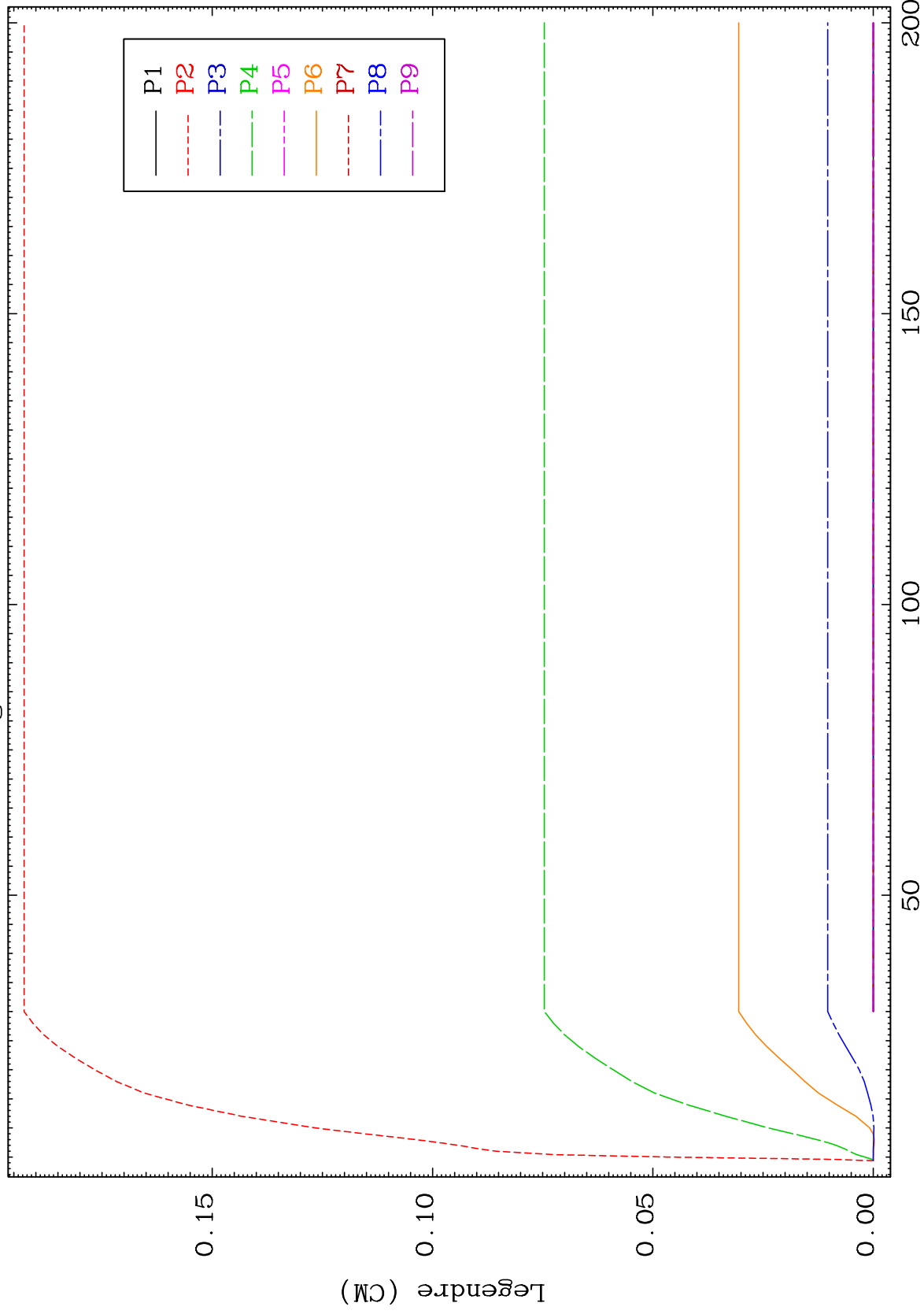




MAT 2443

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

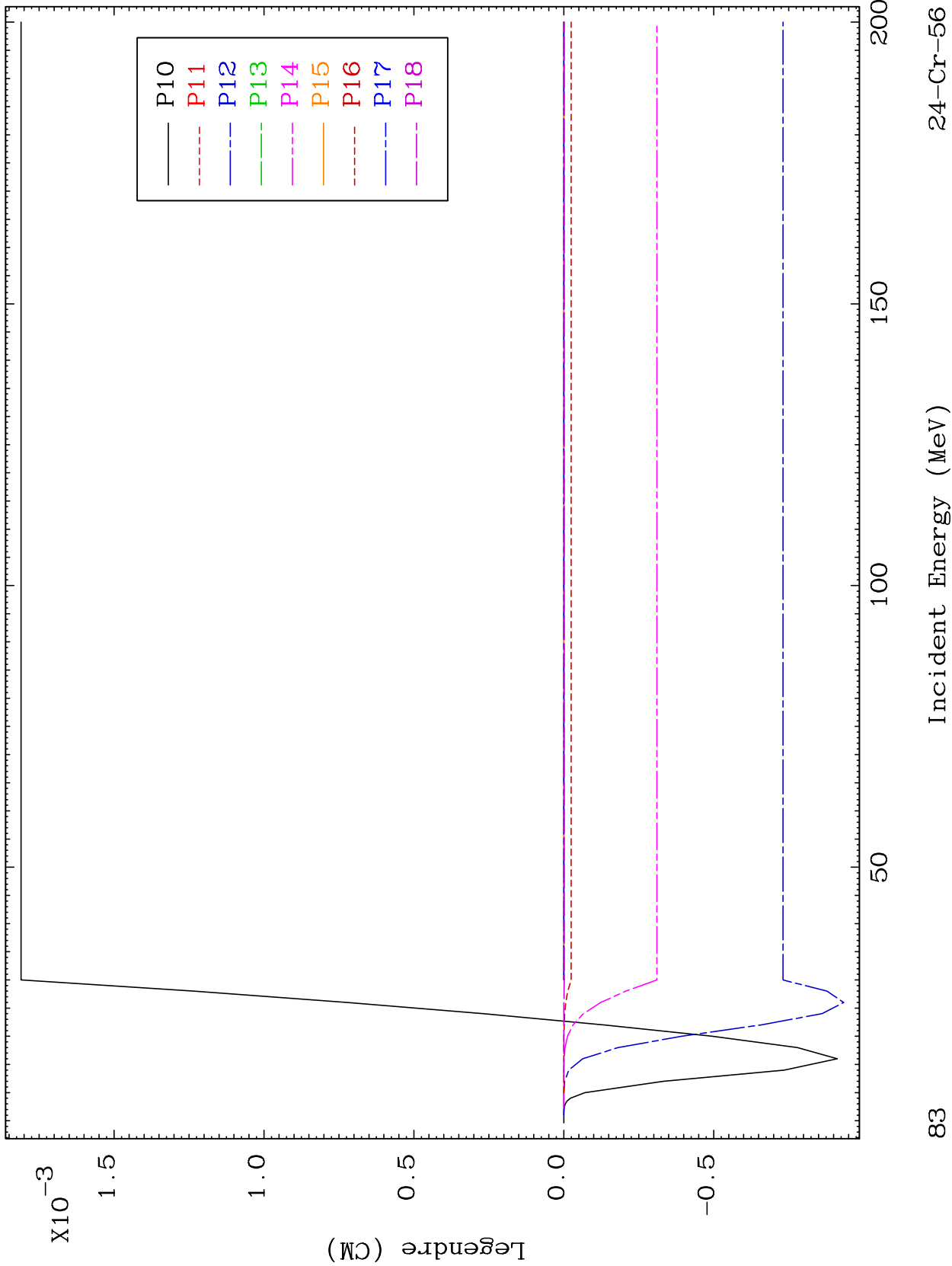
24-Cr-56



82

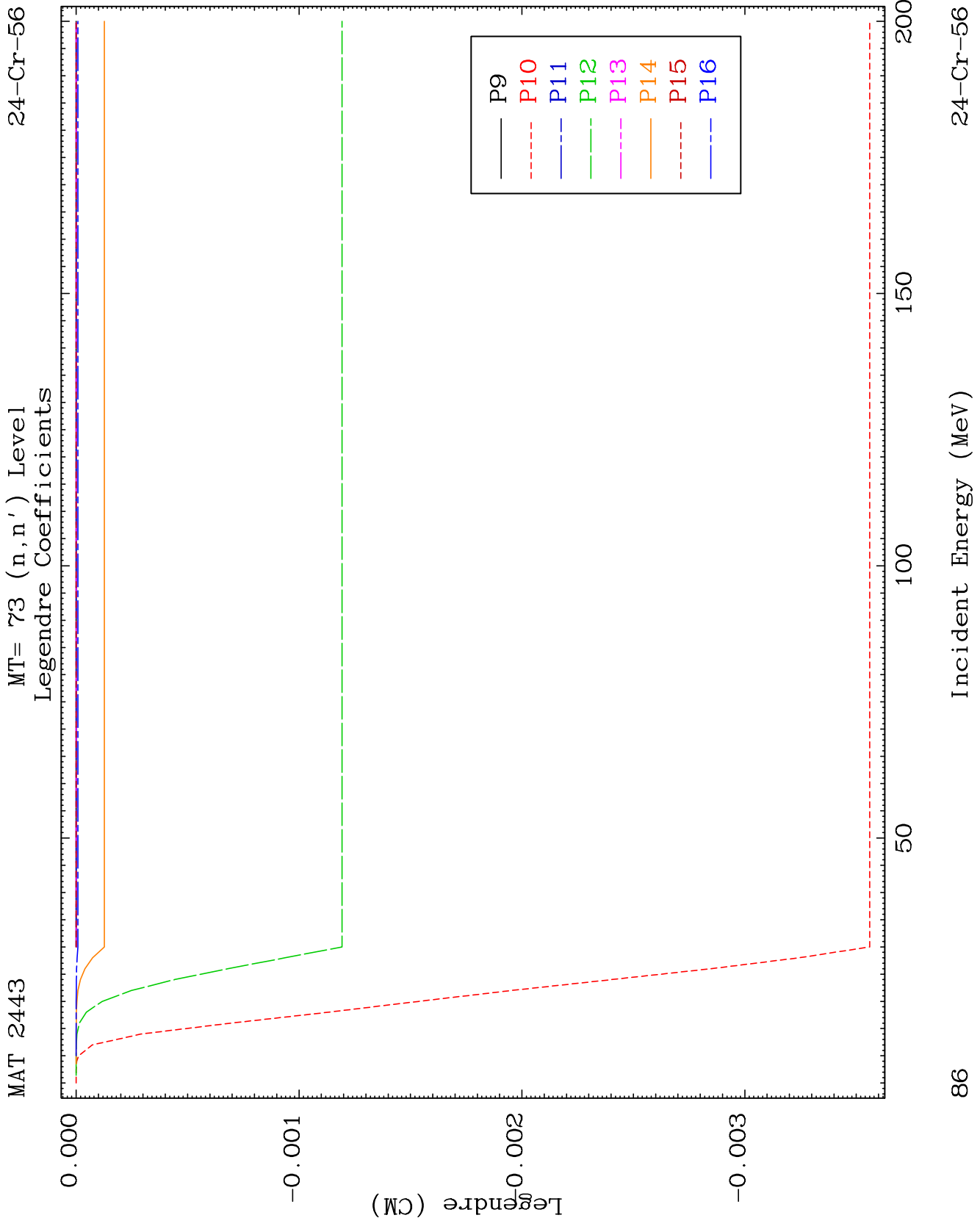
Incident Energy (MeV)

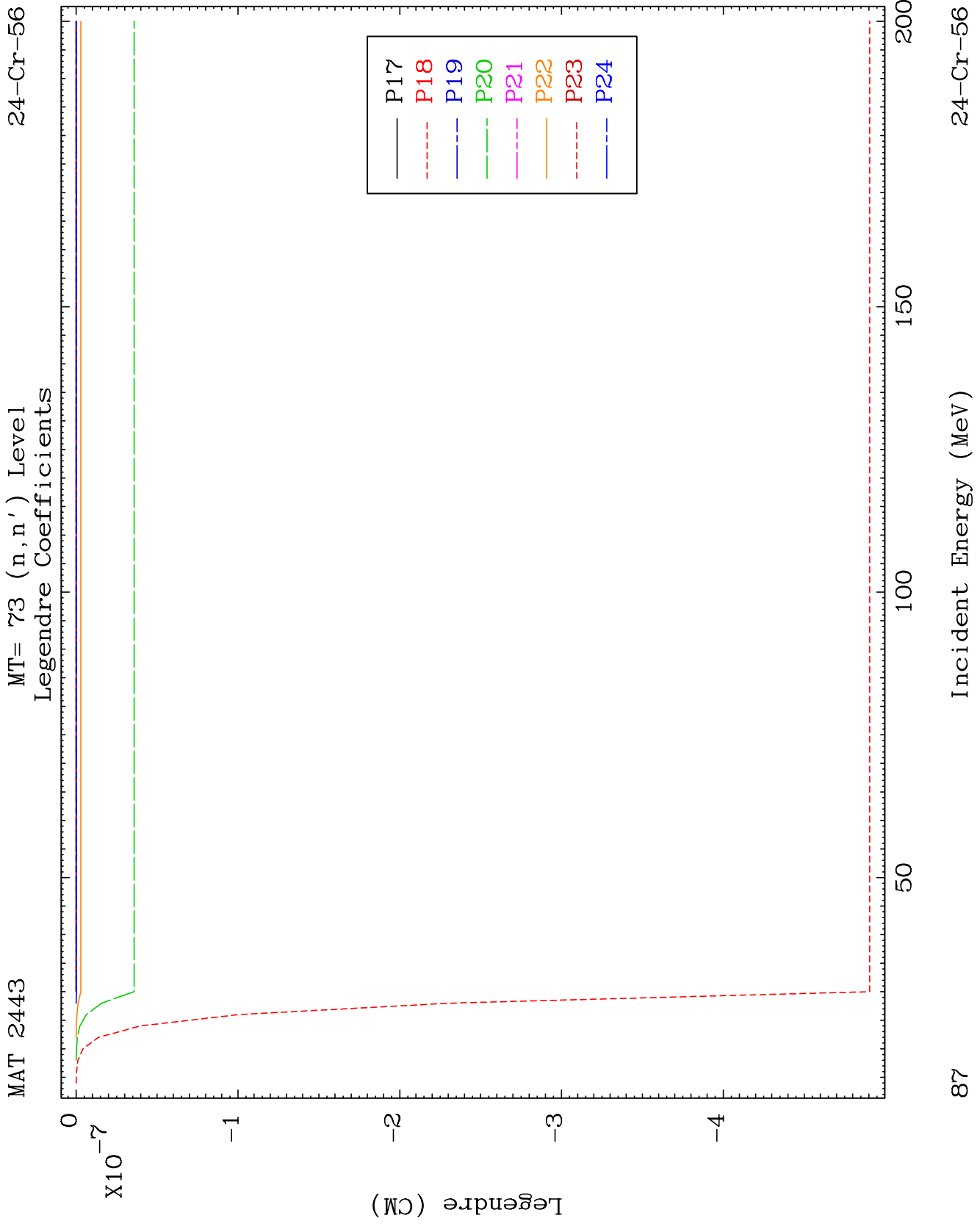
24-Cr-56









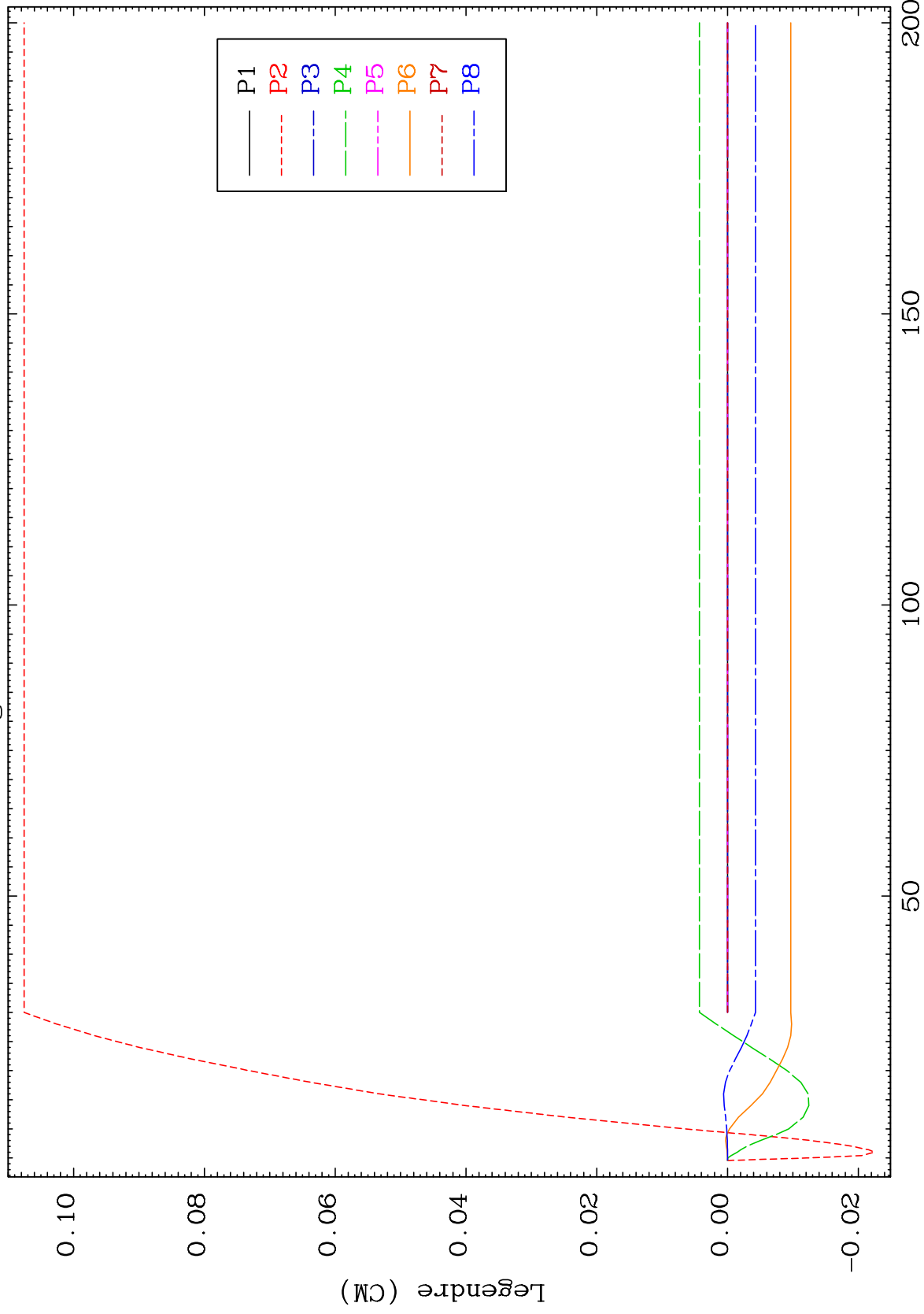




MAT 2443

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

24-Cr-56



88

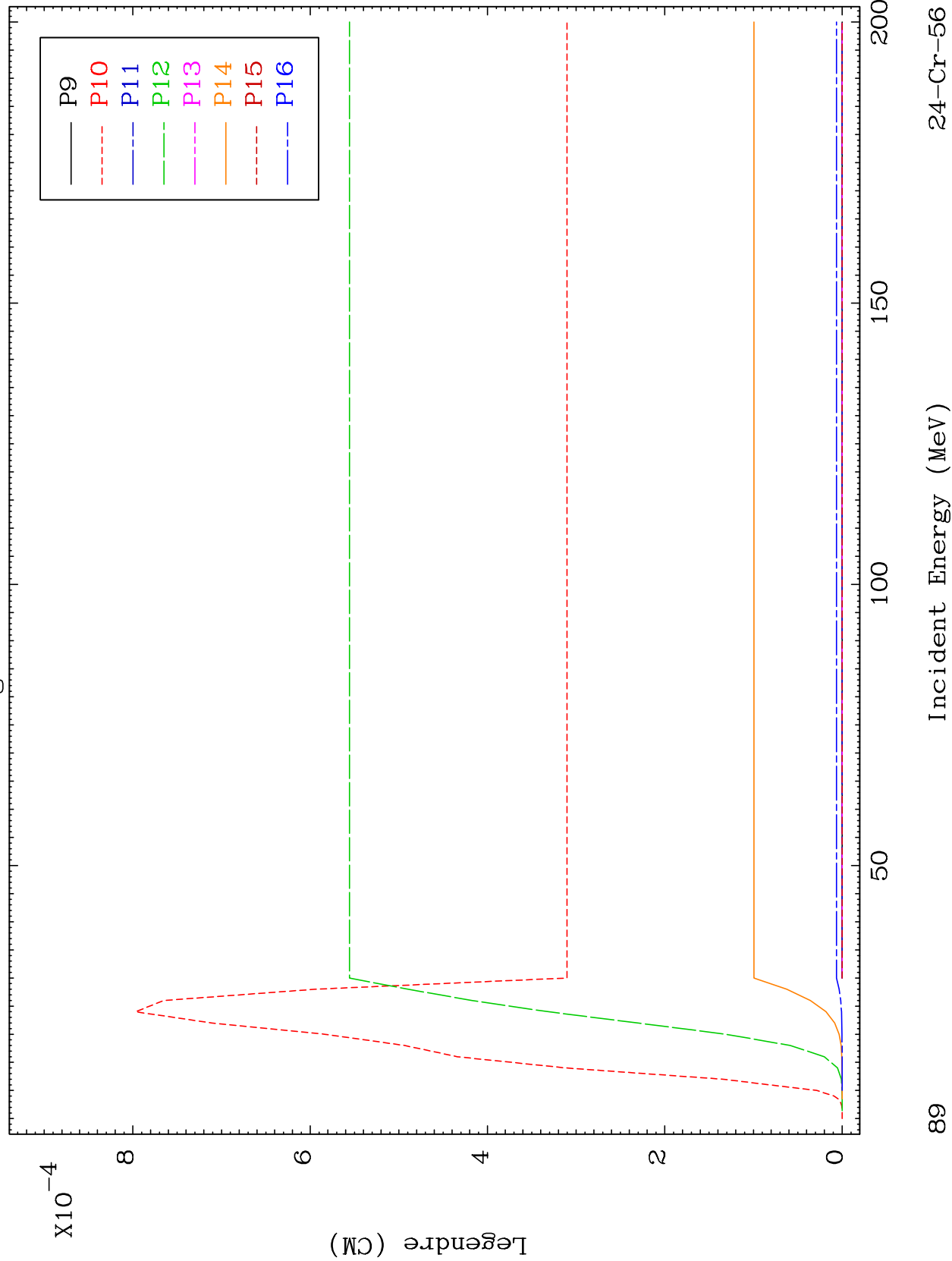
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



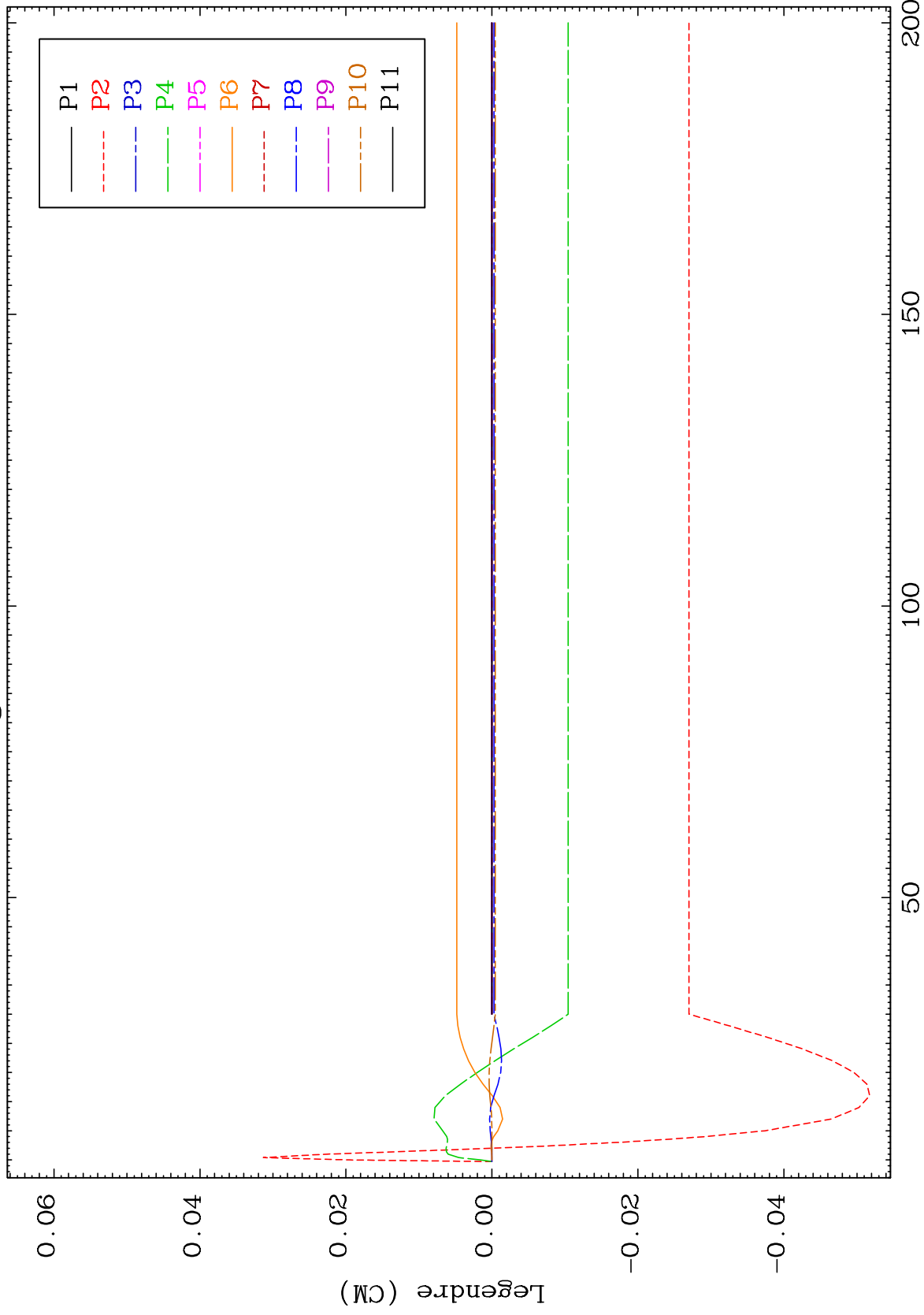
89



MAT 2443

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

24-Cr-56



91

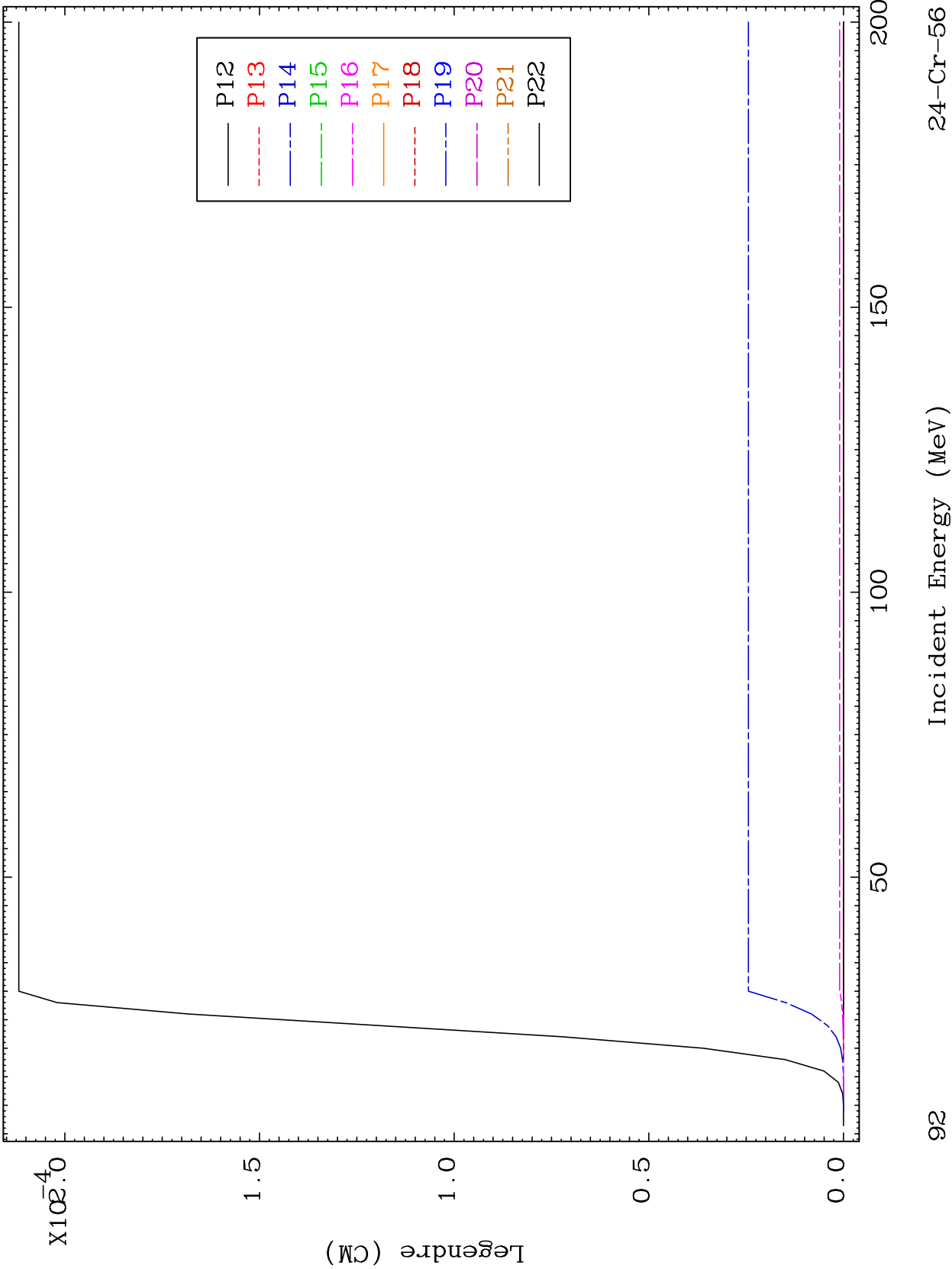
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



92

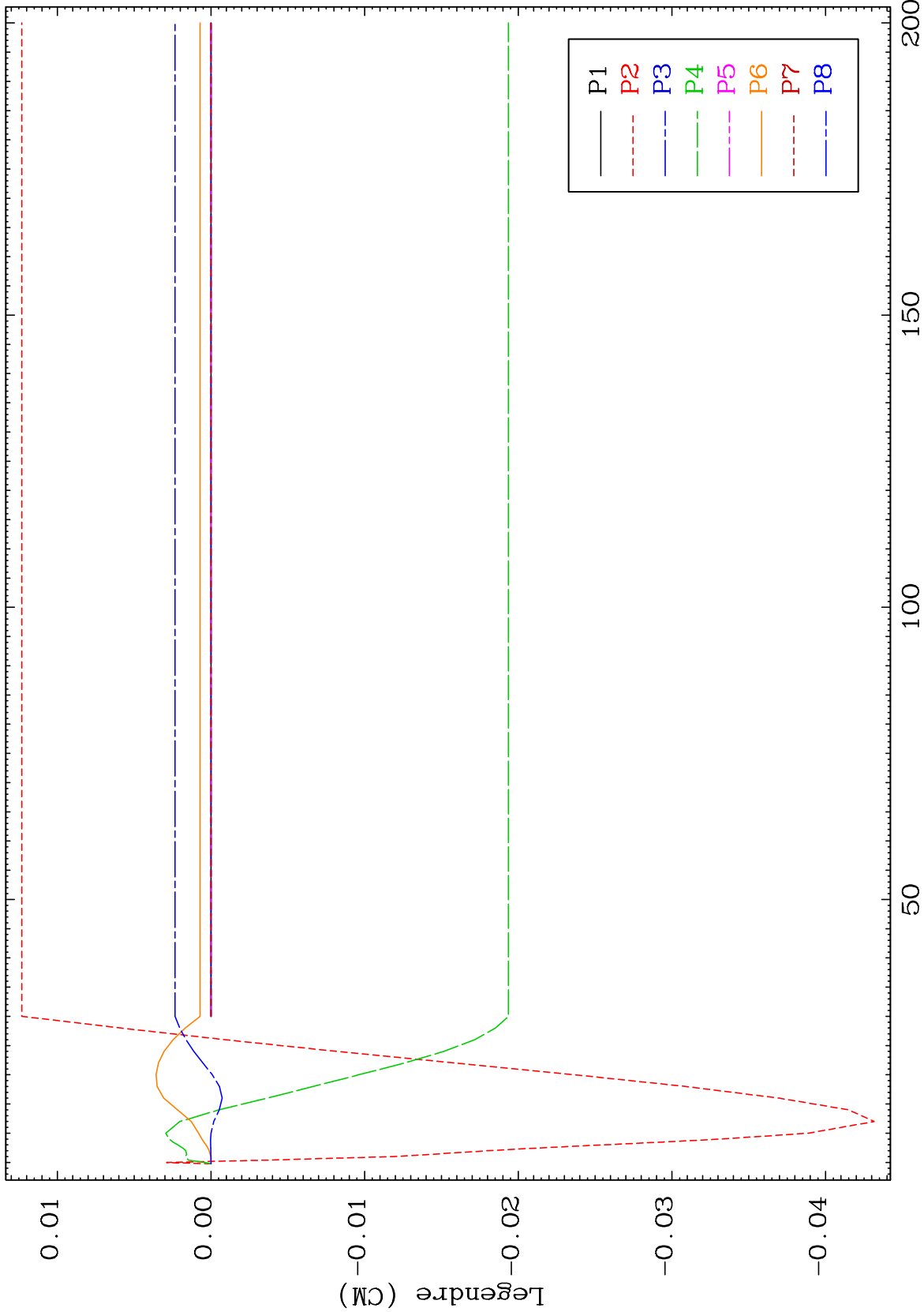
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



93

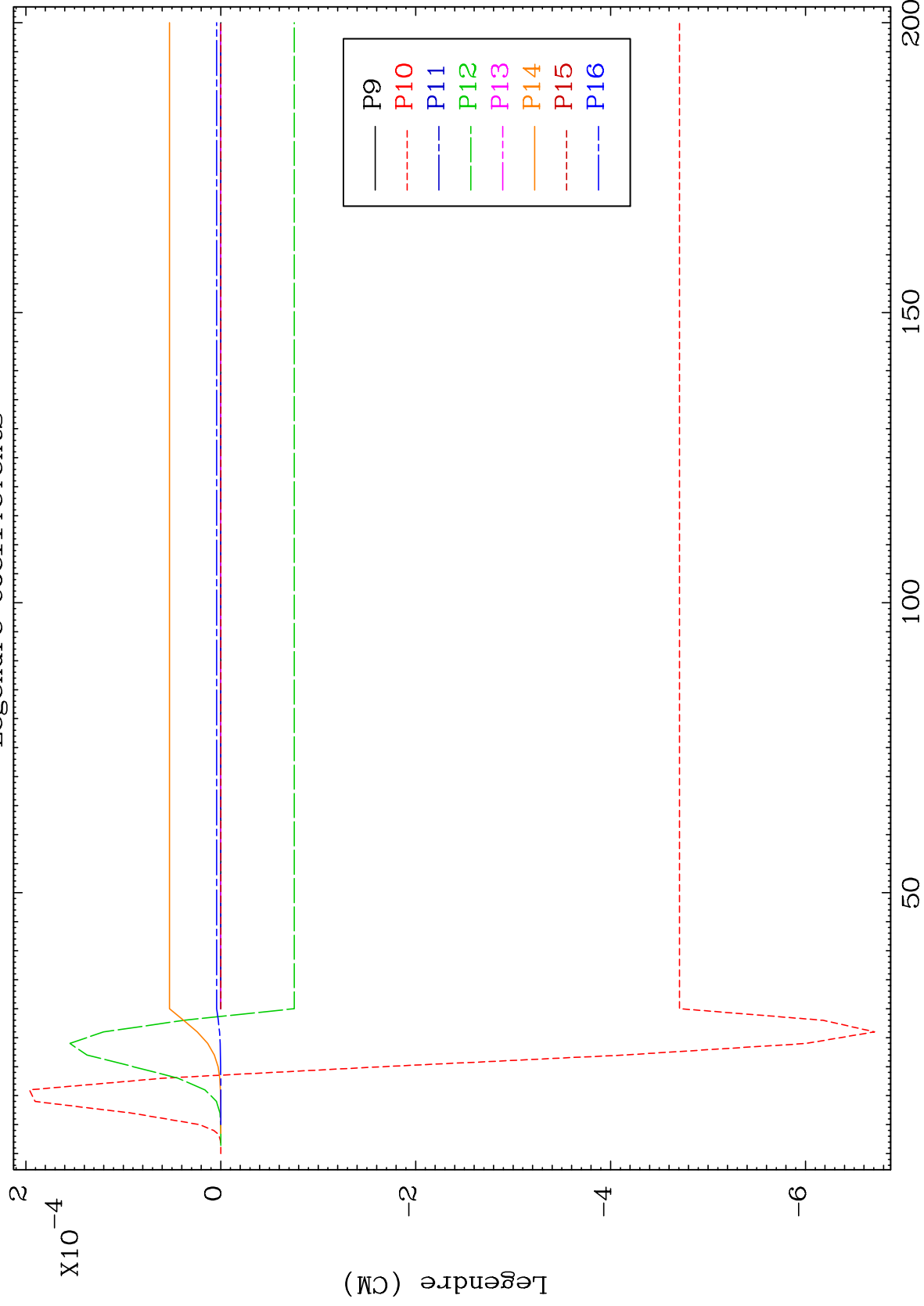
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



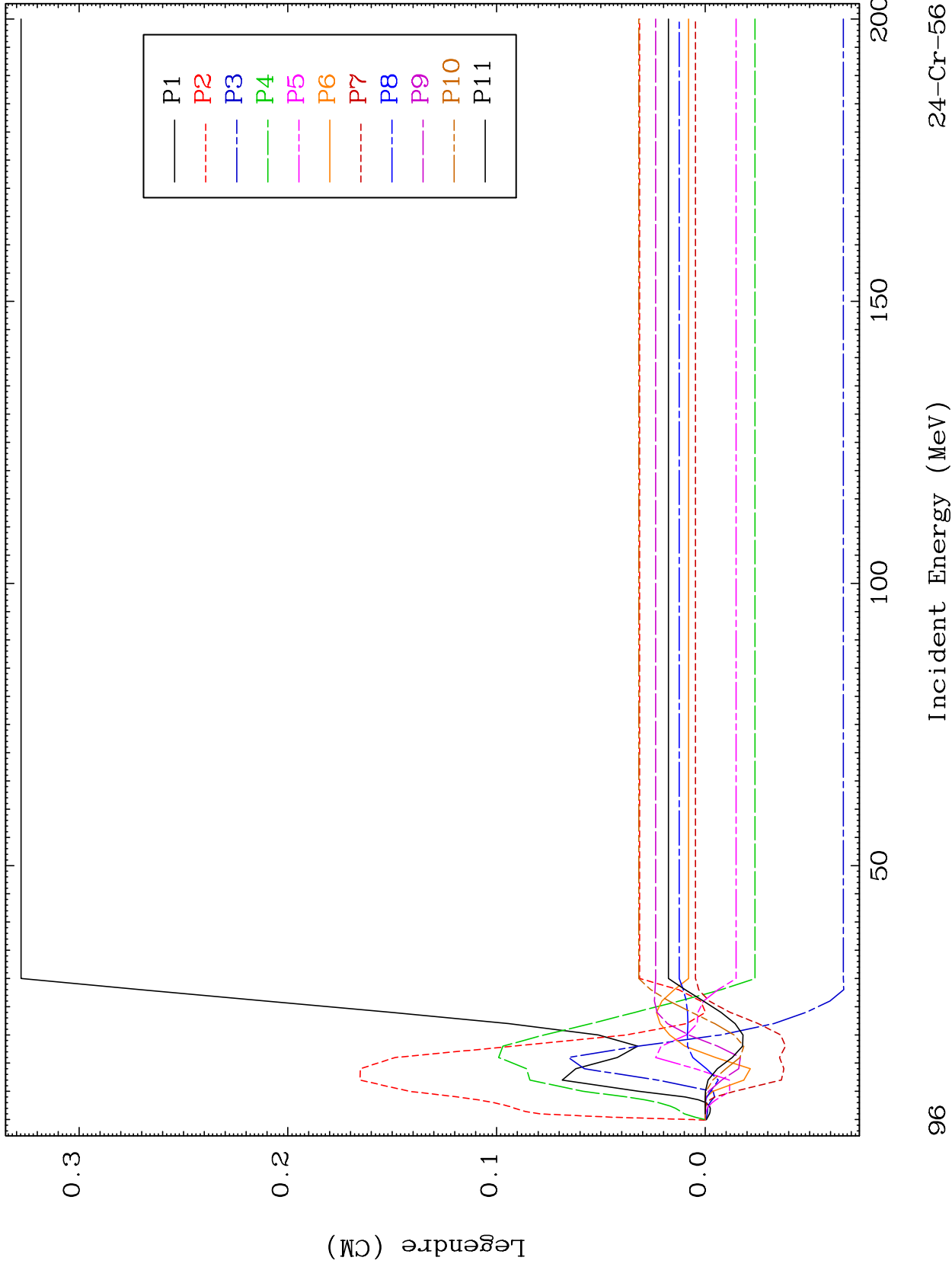
94

Incident Energy (MeV)

24-Cr-56



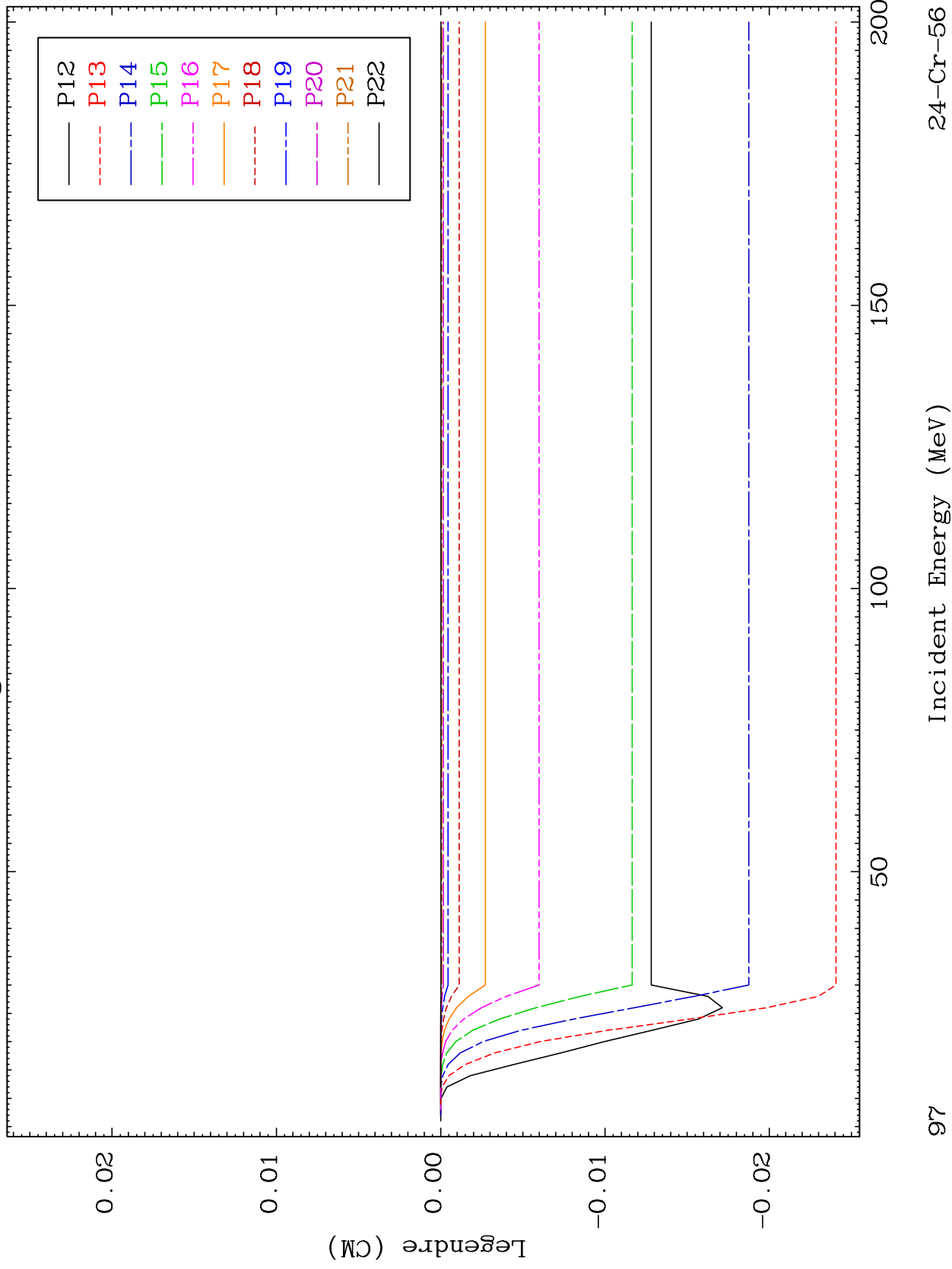




MAT 2443

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

24-Cr-56



97

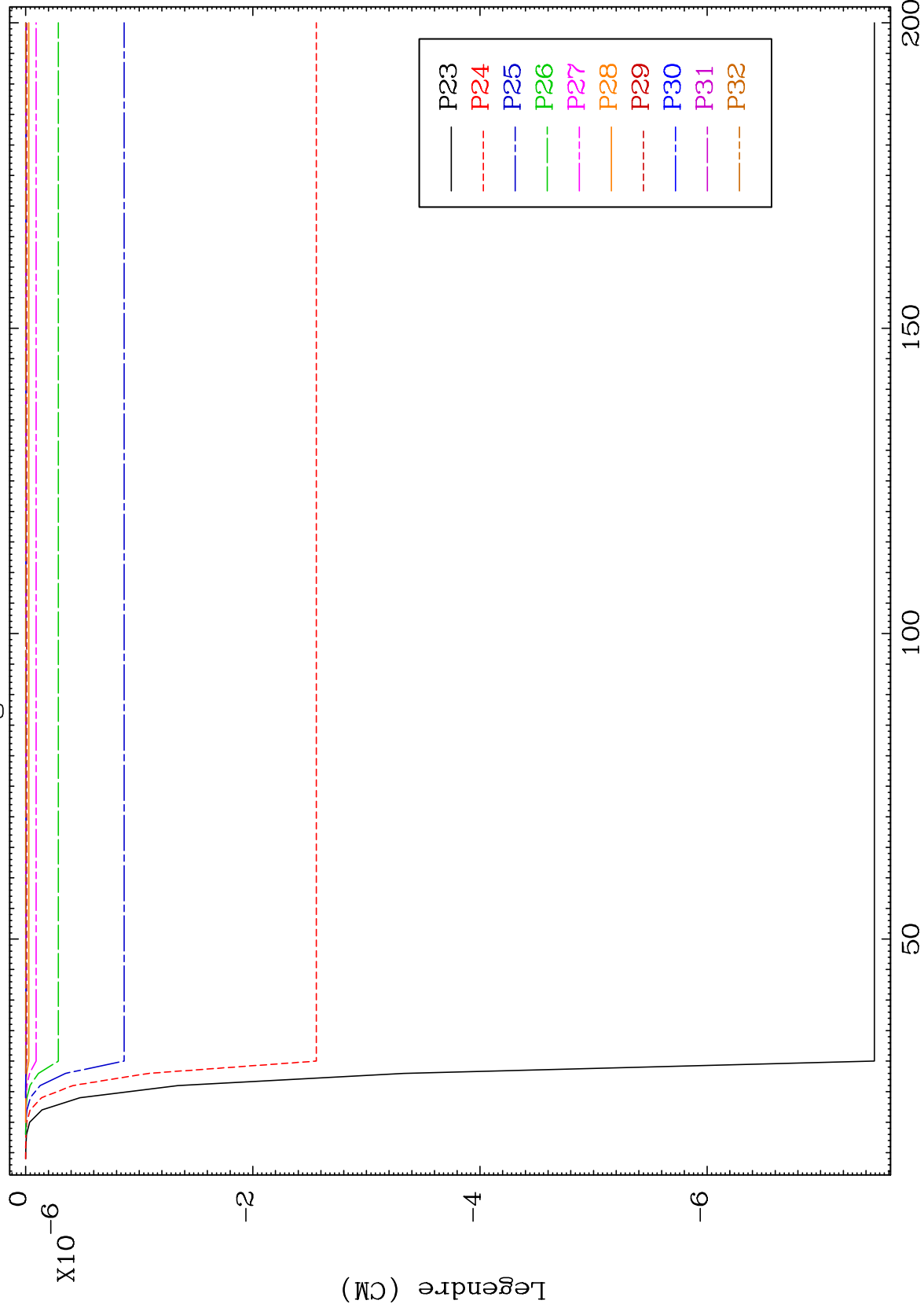
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



98

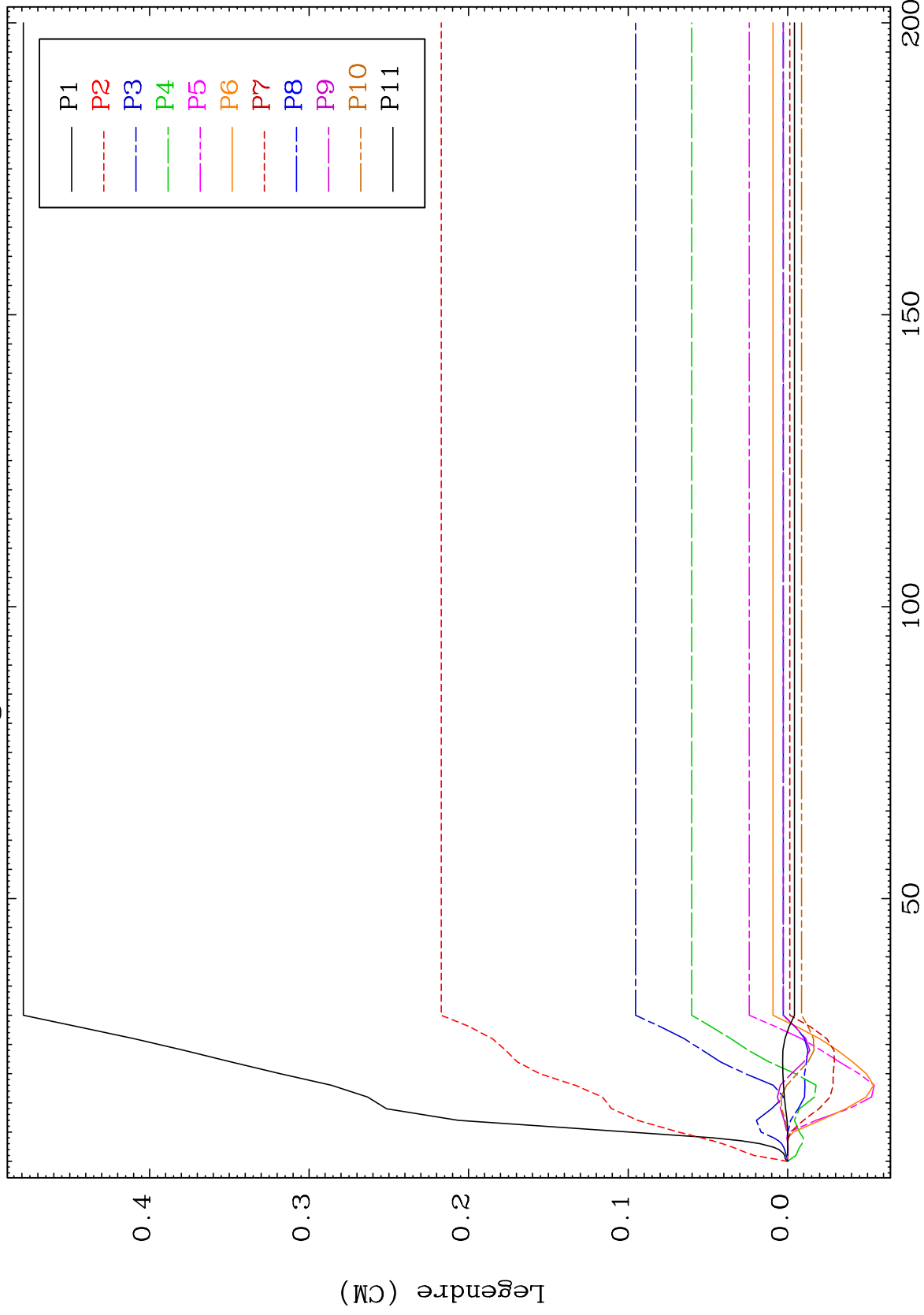
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



99

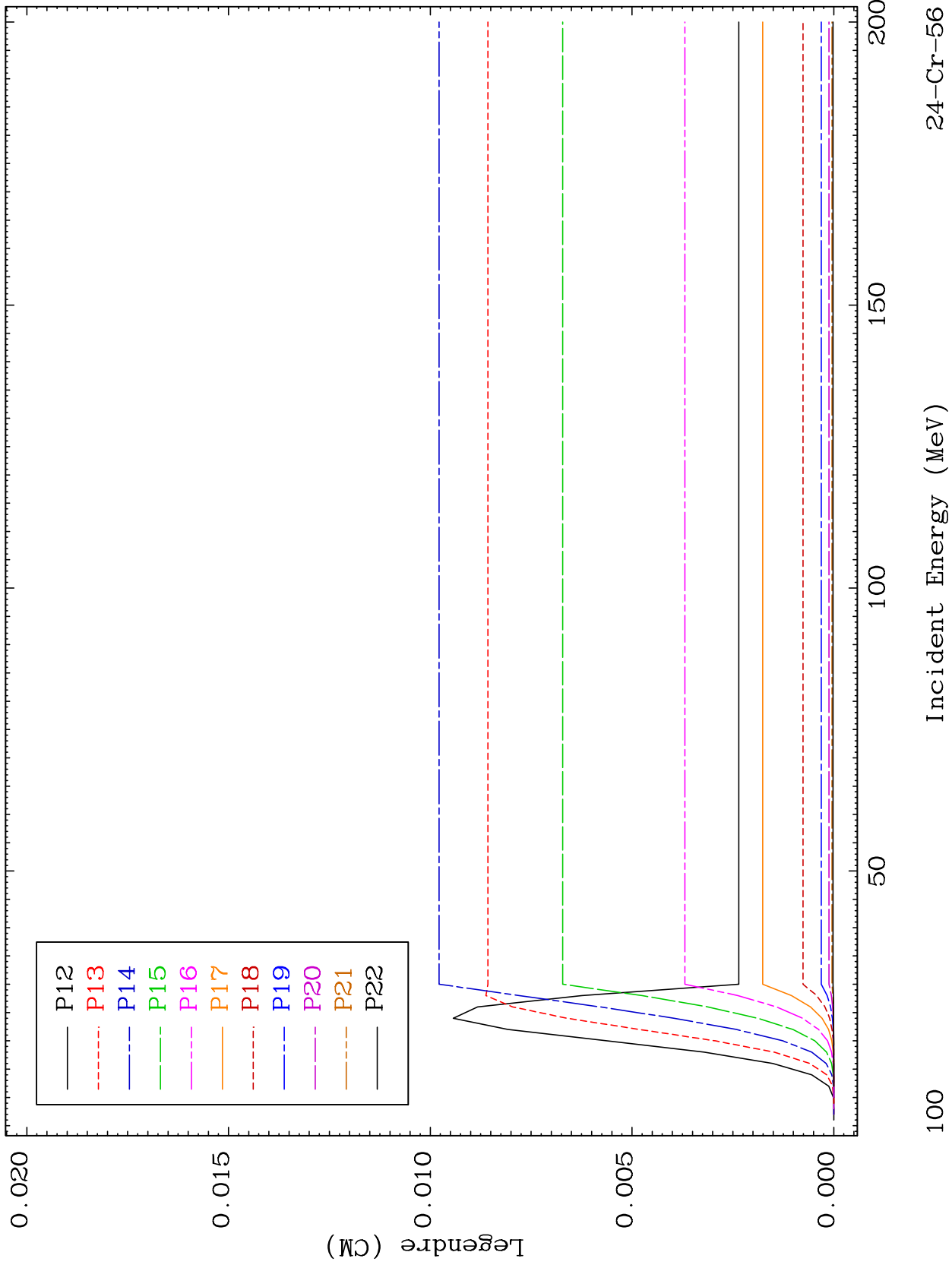
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

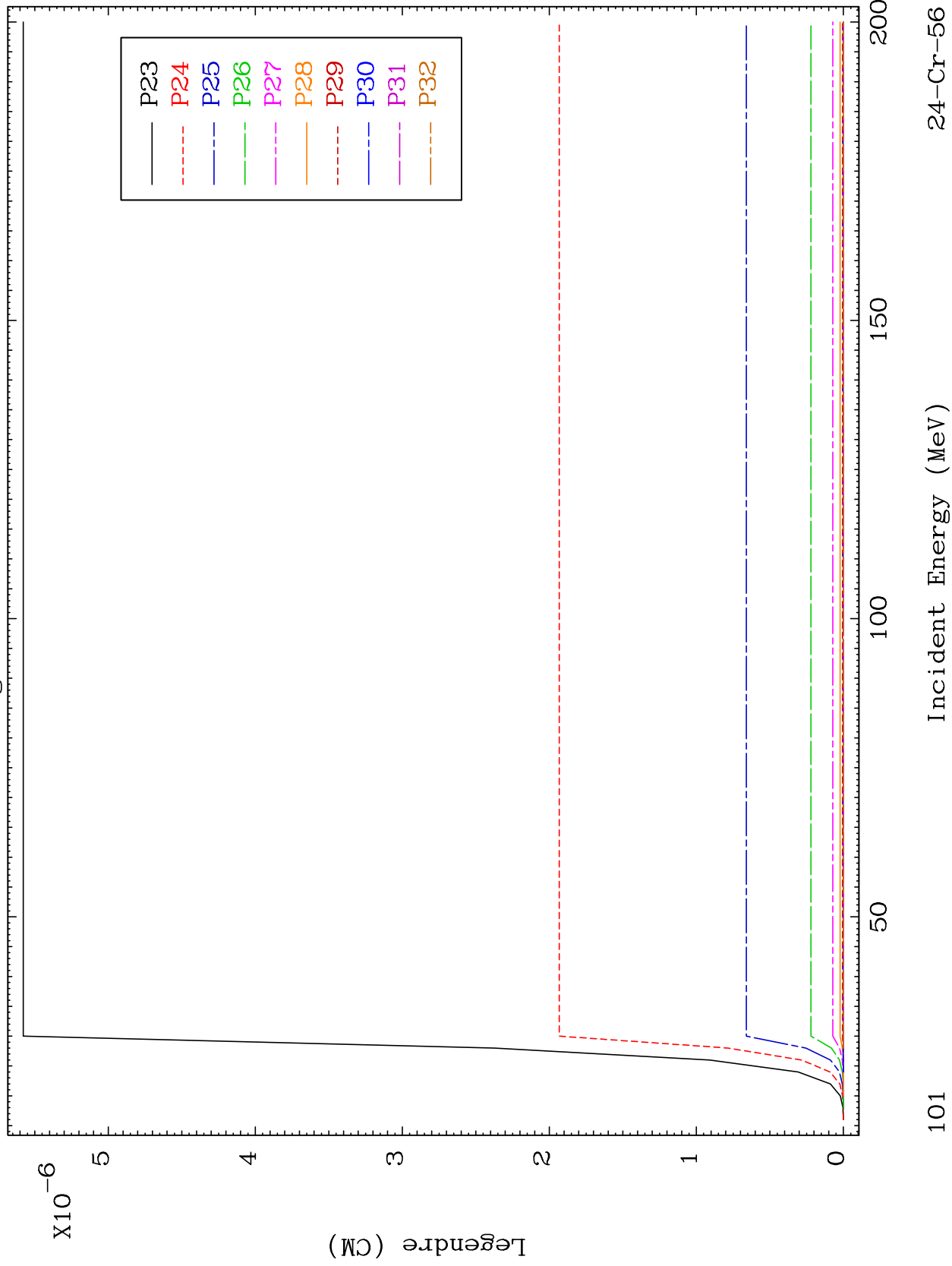
24-Cr-56



MAT 2443

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

24-Cr-56



101

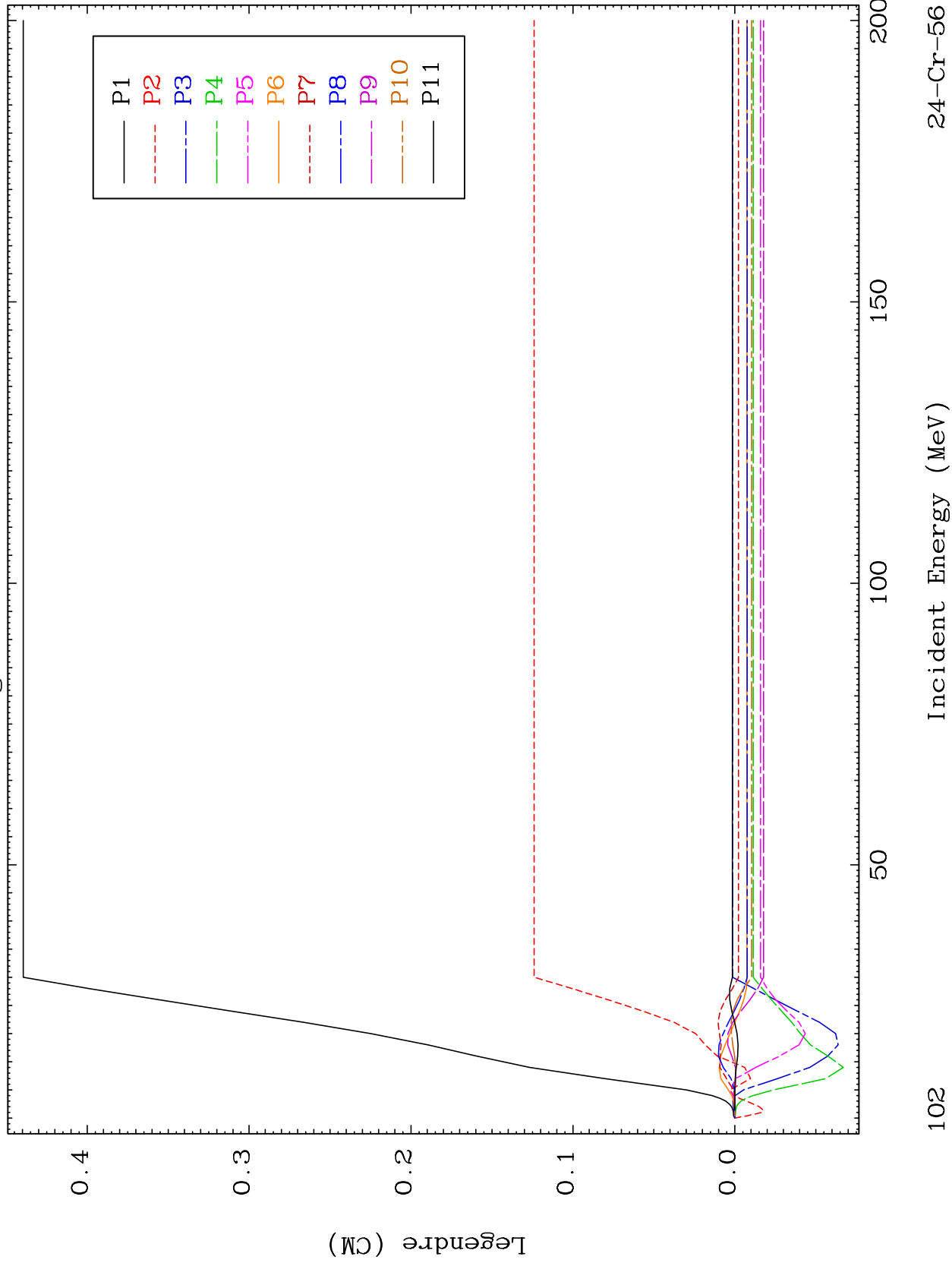
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



102

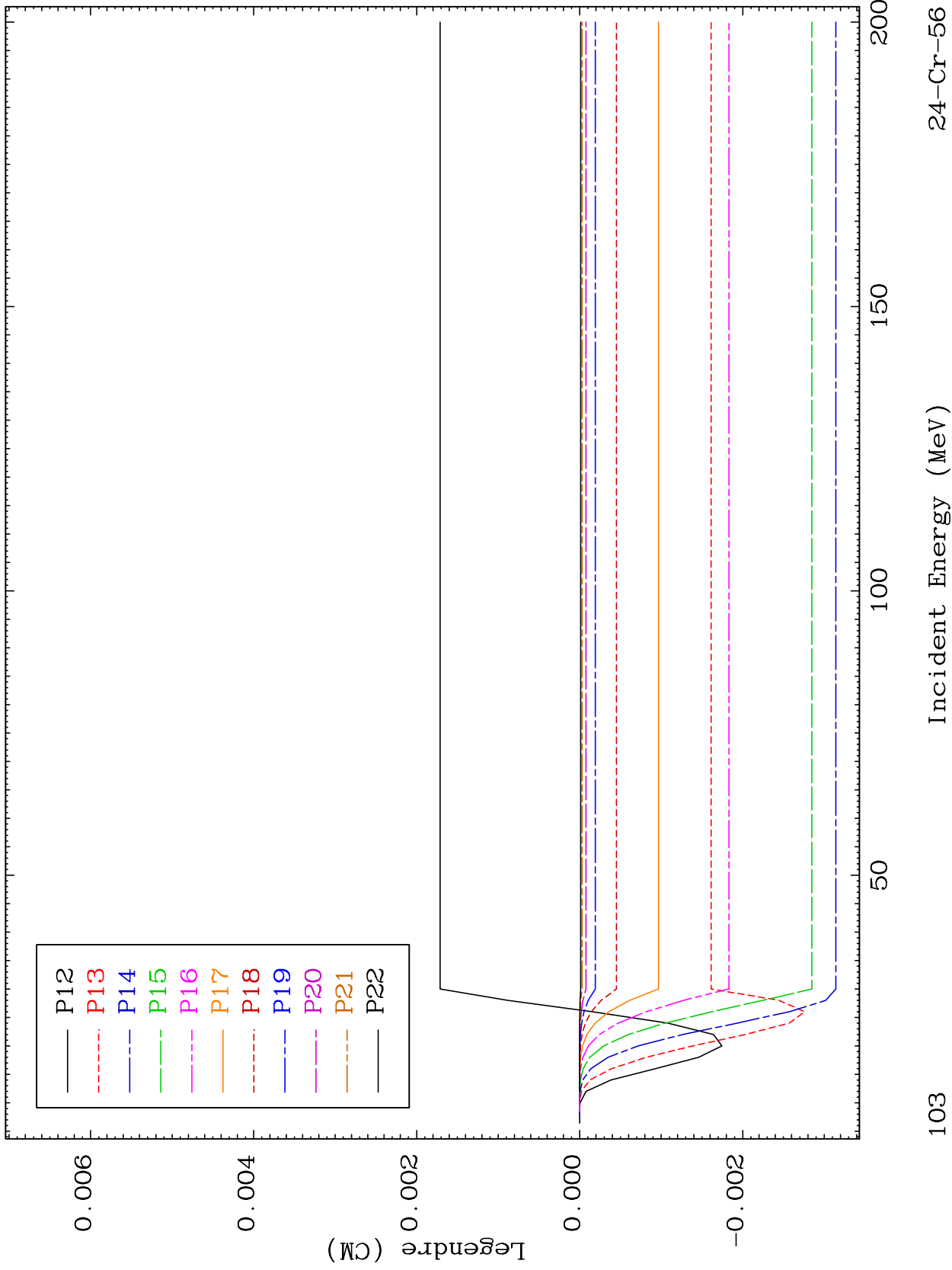
Incident Energy (MeV)

24-Cr-56

MAT 2443

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

24-Cr-56



103

Incident Energy (MeV)

24-Cr-56



