

Program EVALPLOT  
(Version 2021-1)

by

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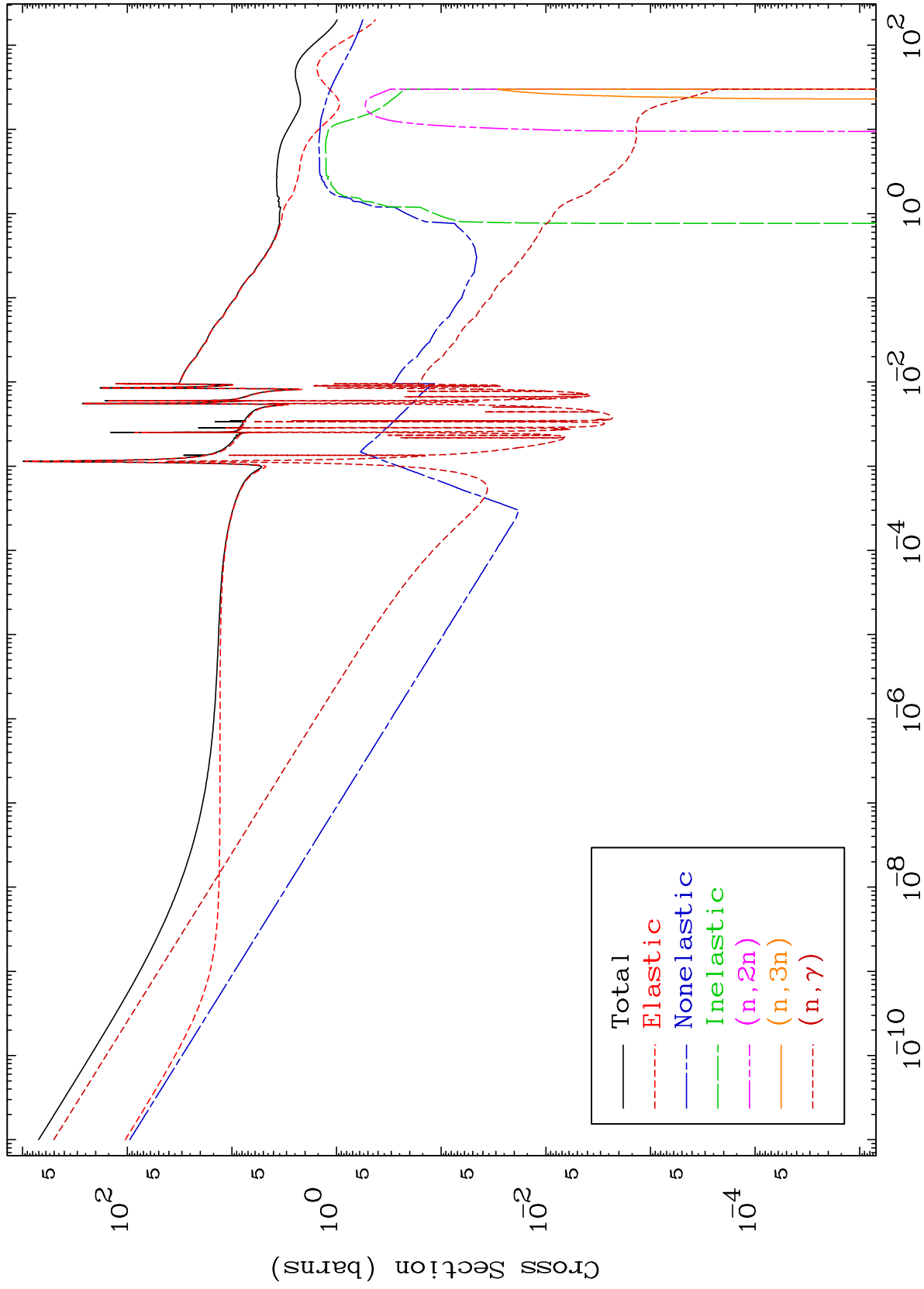
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2428

Neutron Major  
293 Kelvin Cross Sections

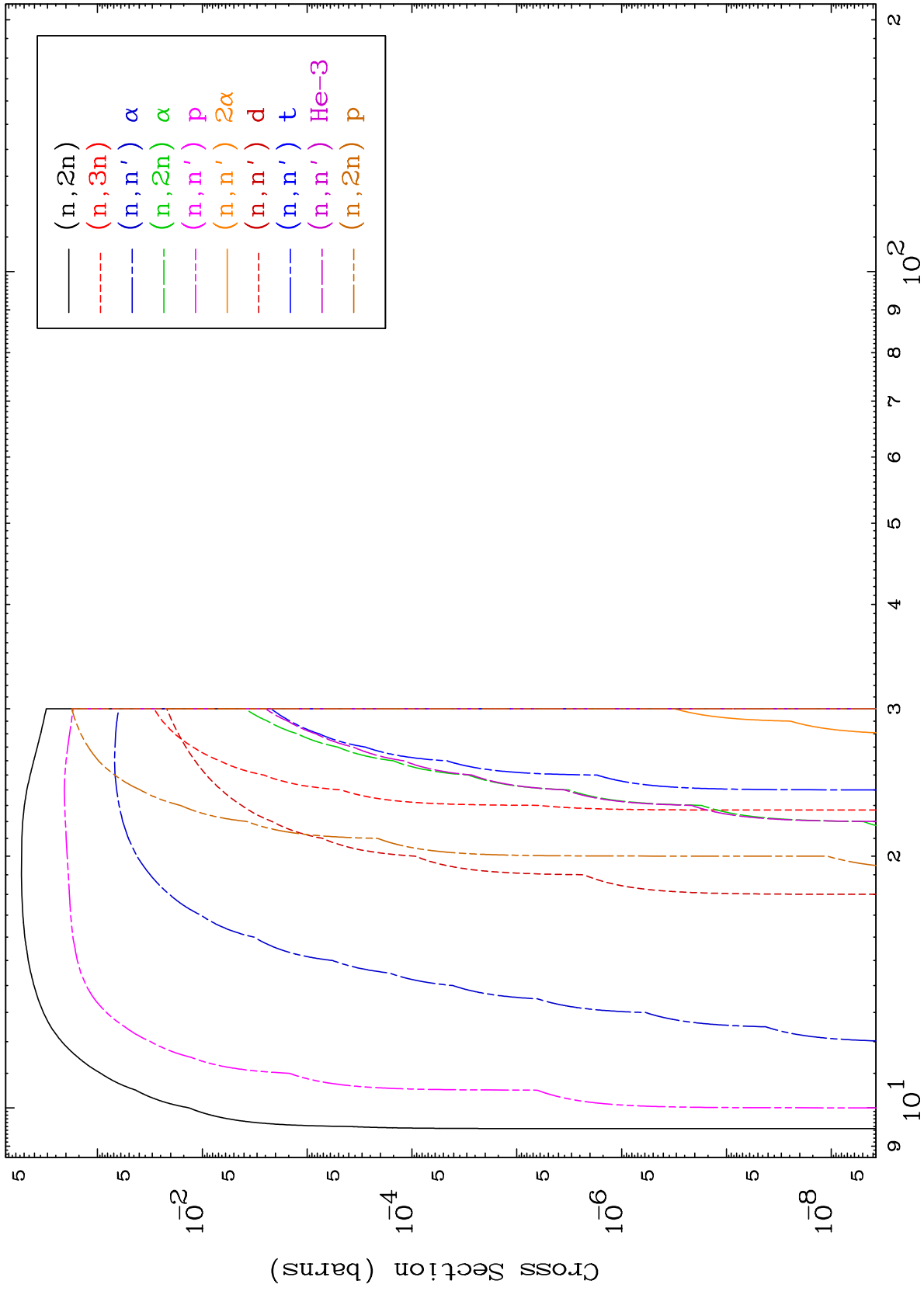
24-Cr-51



MAT 2428

Neutron Absorption  
293 Kelvin Cross Sections

24-Cr-51



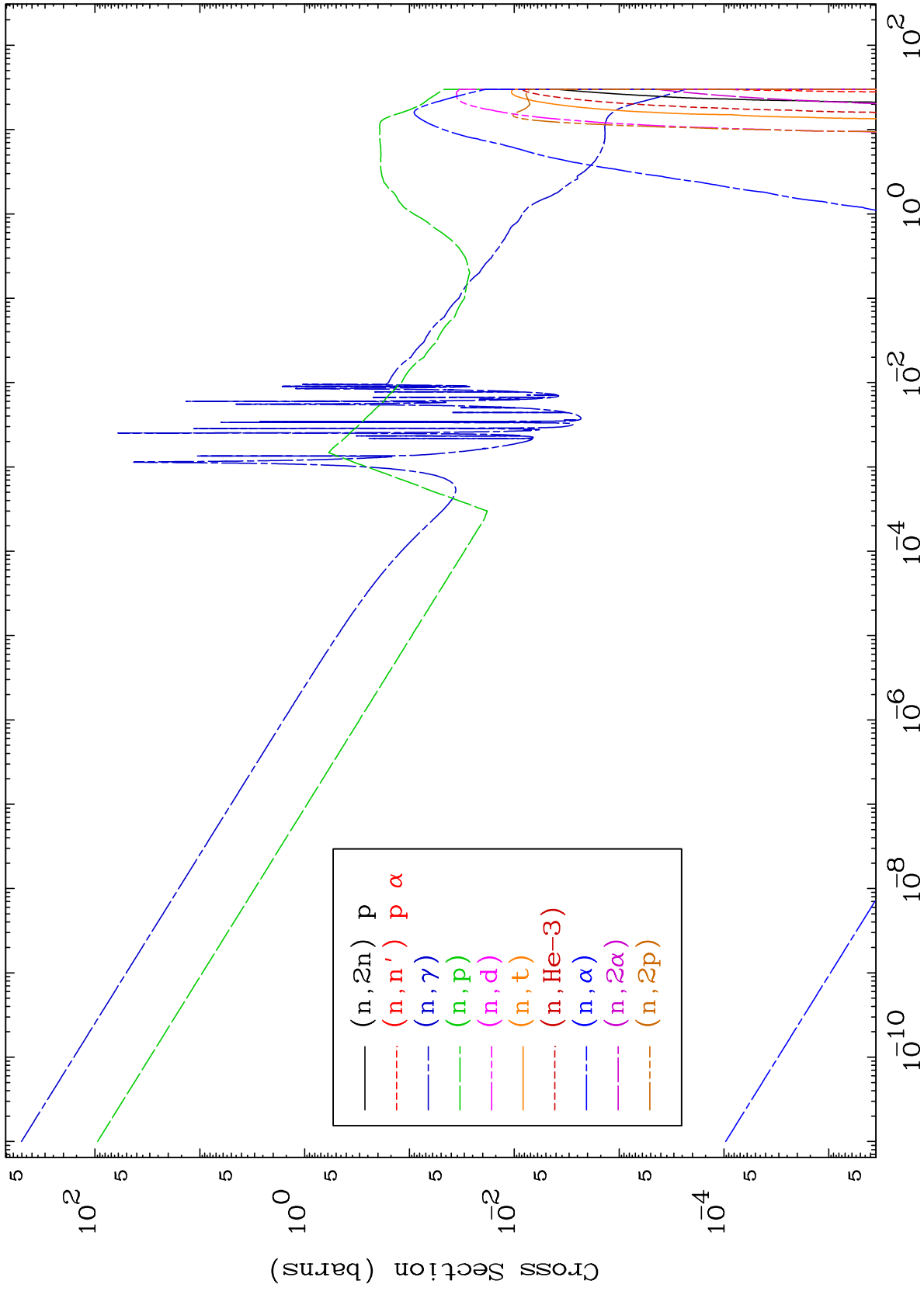
Incident Energy (MeV)

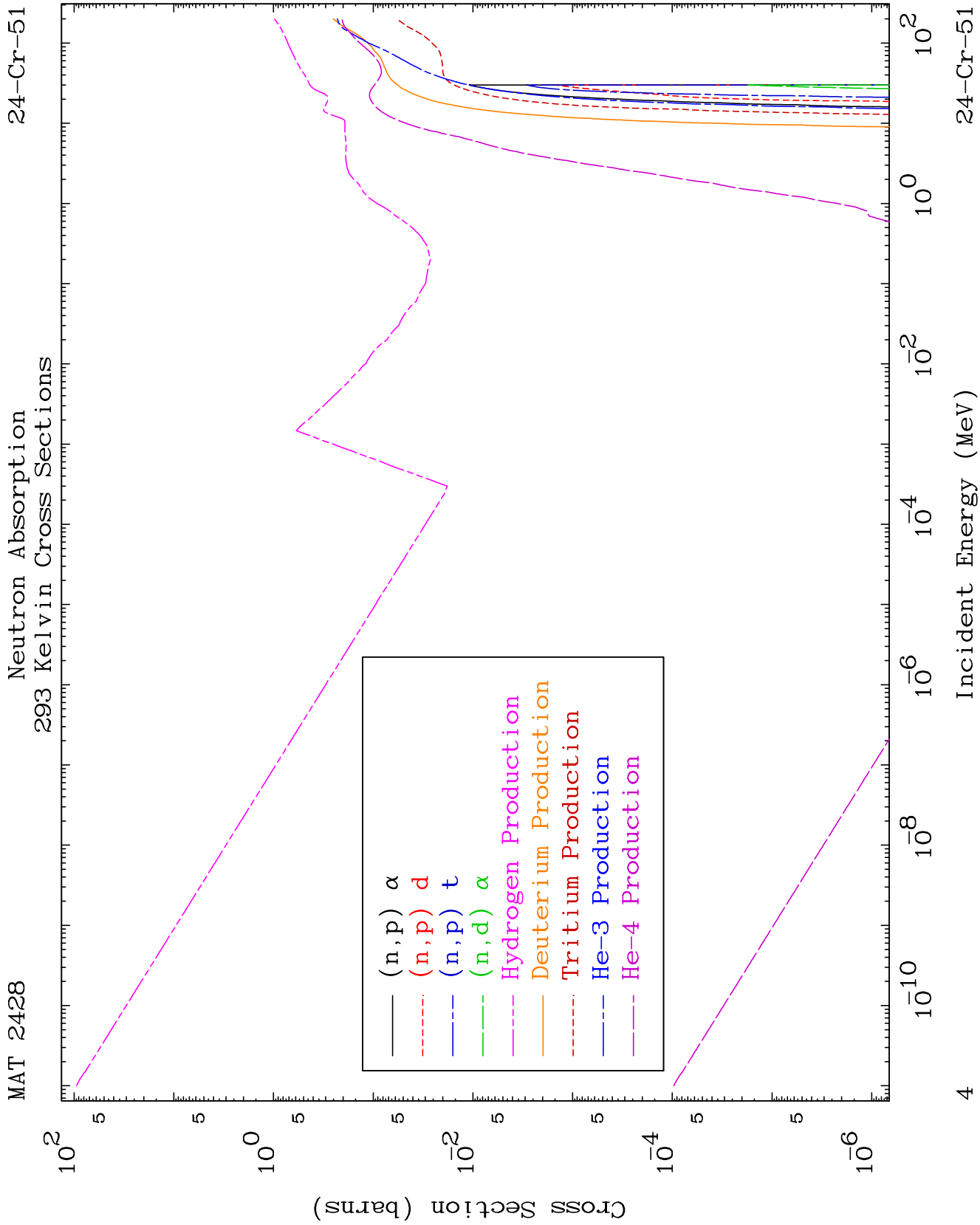
24-Cr-51

MAT 2428

Neutron Absorption  
293 Kelvin Cross Sections

24-Cr-51

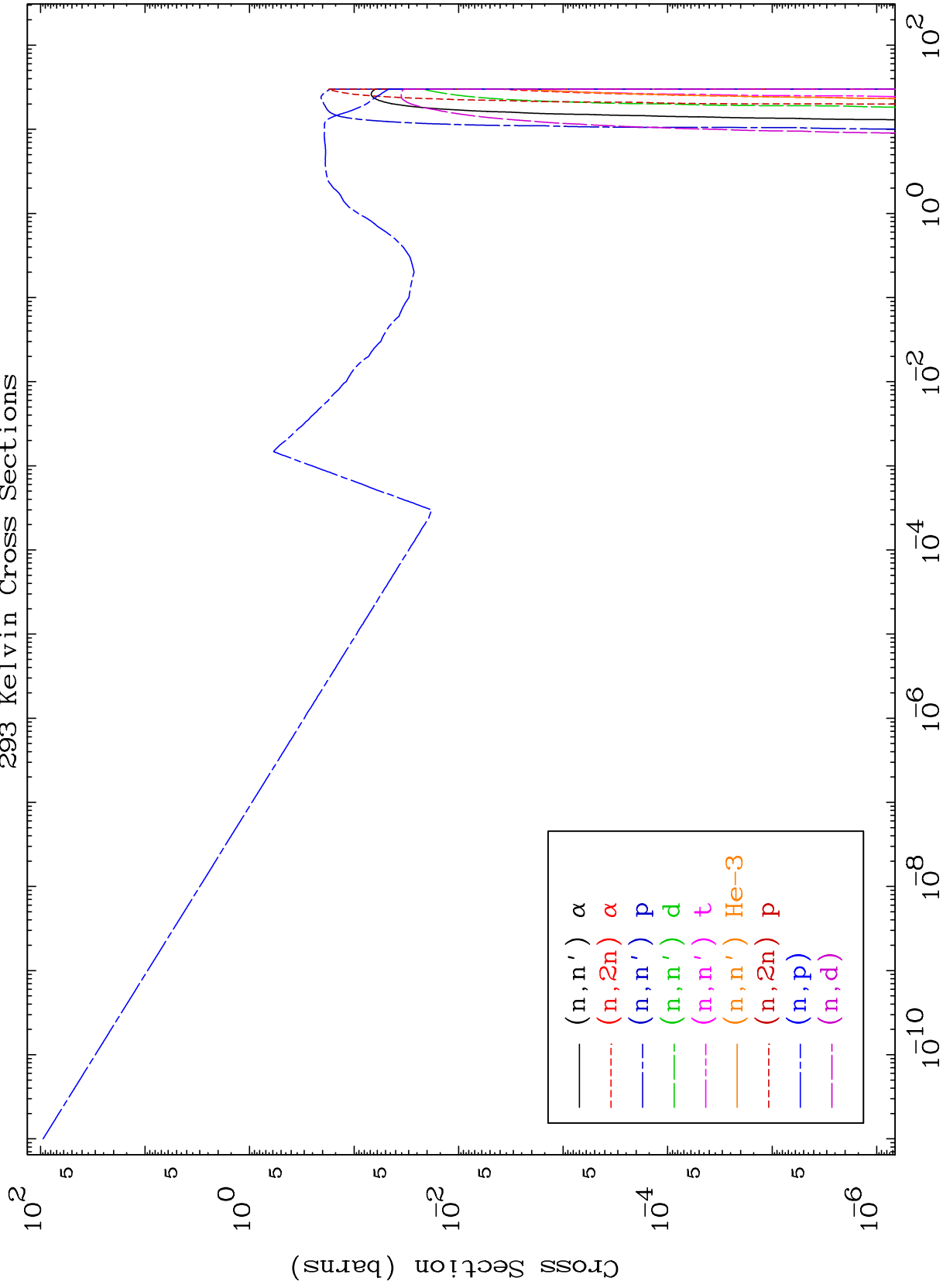




MAT 2428

Charged Particle  
293 Kelvin Cross Sections

24-Cr-51



5

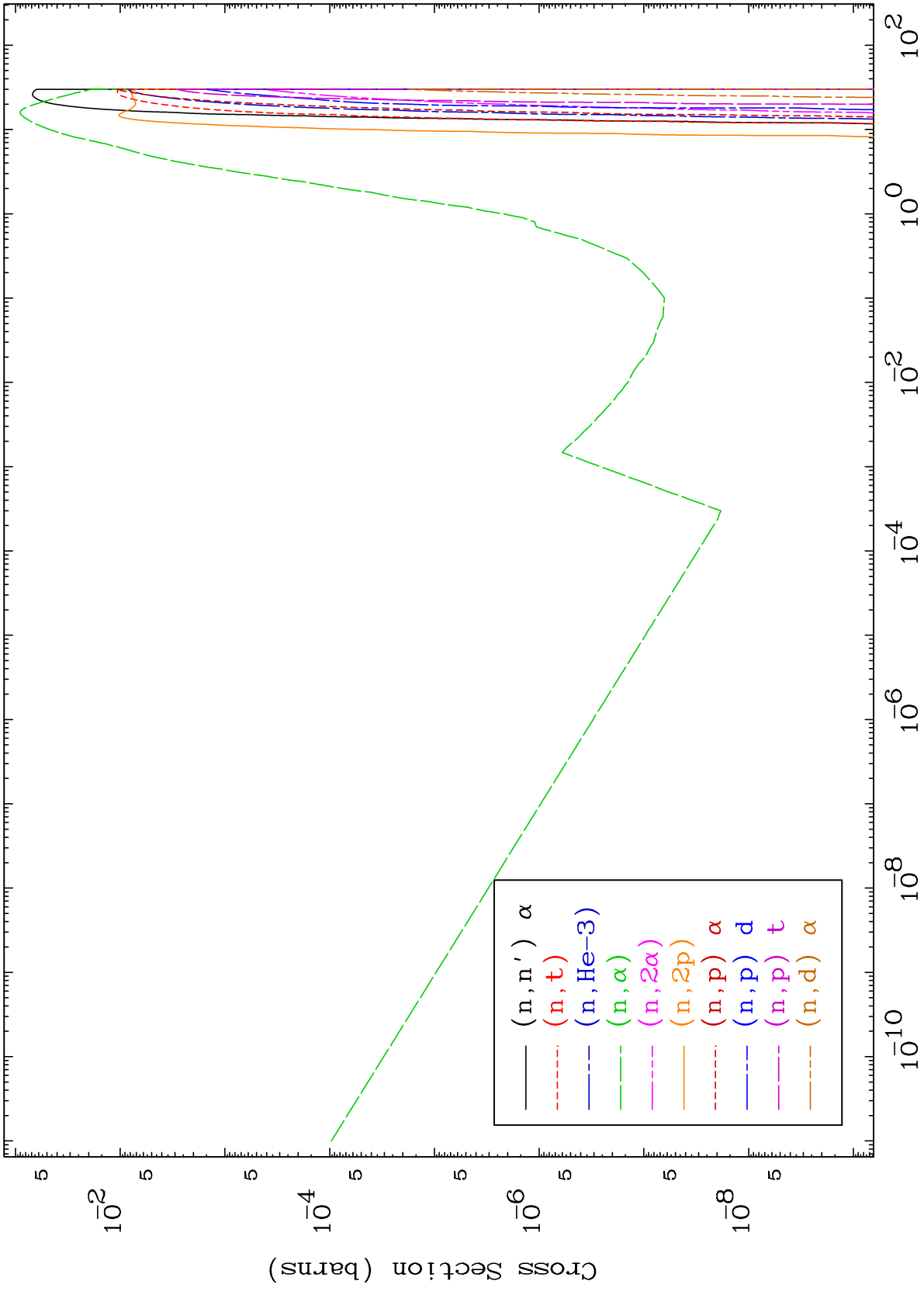
Incident Energy (MeV)

24-Cr-51

MAT 2428

Charged Particle  
293 Kelvin Cross Sections

24-Cr-51

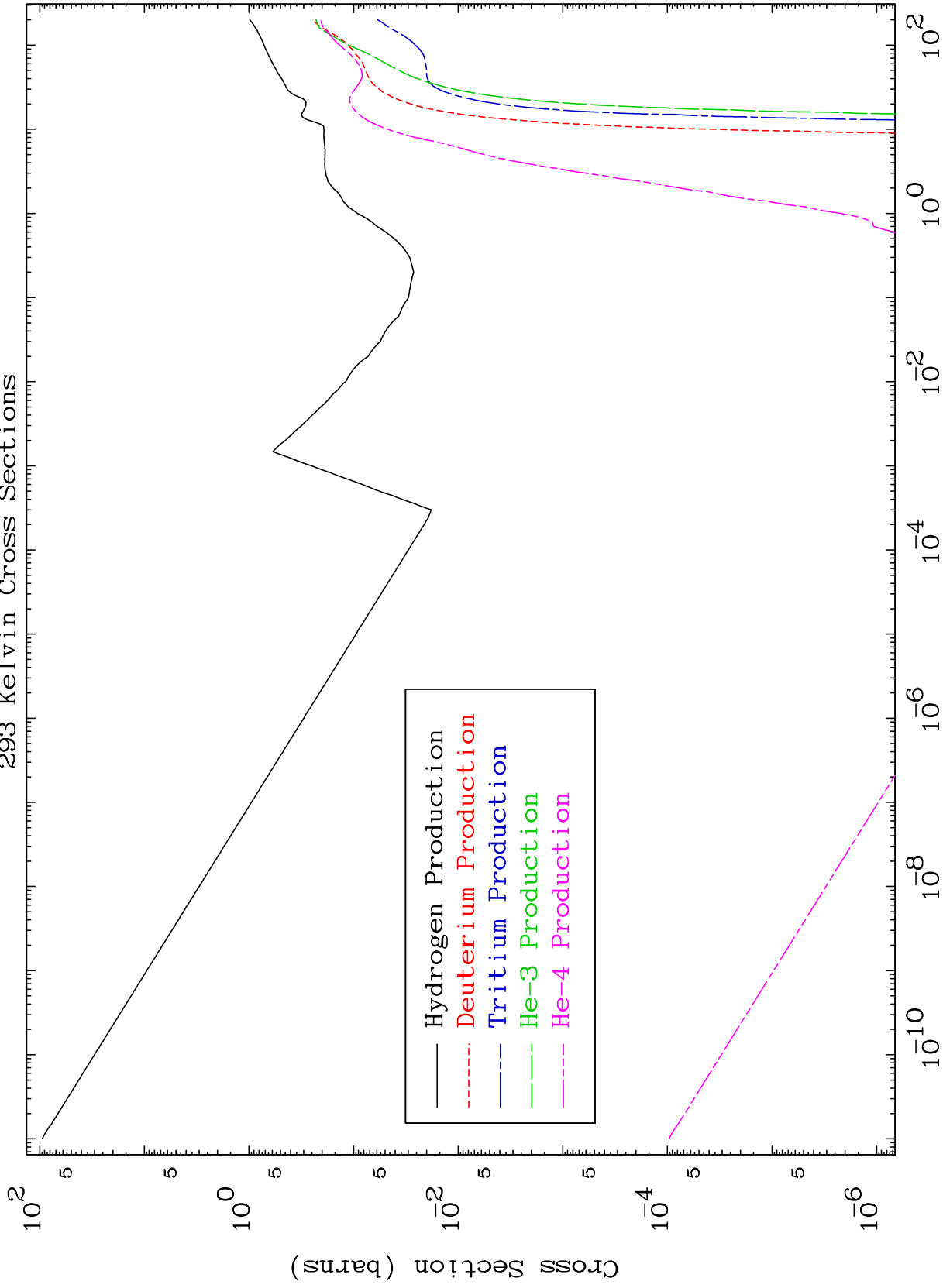


24-Cr-51

MAT 2428

Particle Production  
293 Kelvin Cross Sections

24-Cr-51



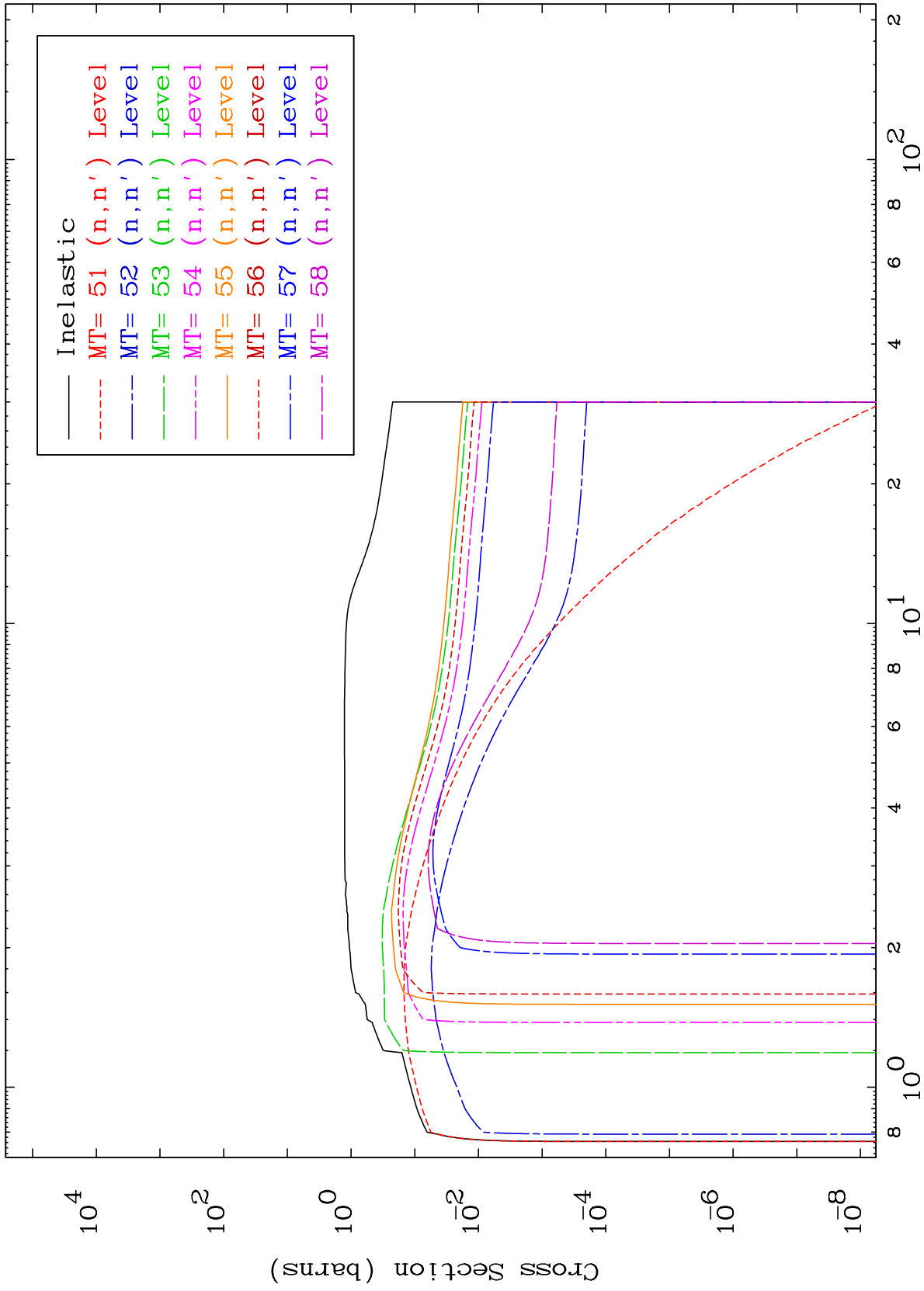


MAT 2428

(n,n') Levels

24-Cr-51

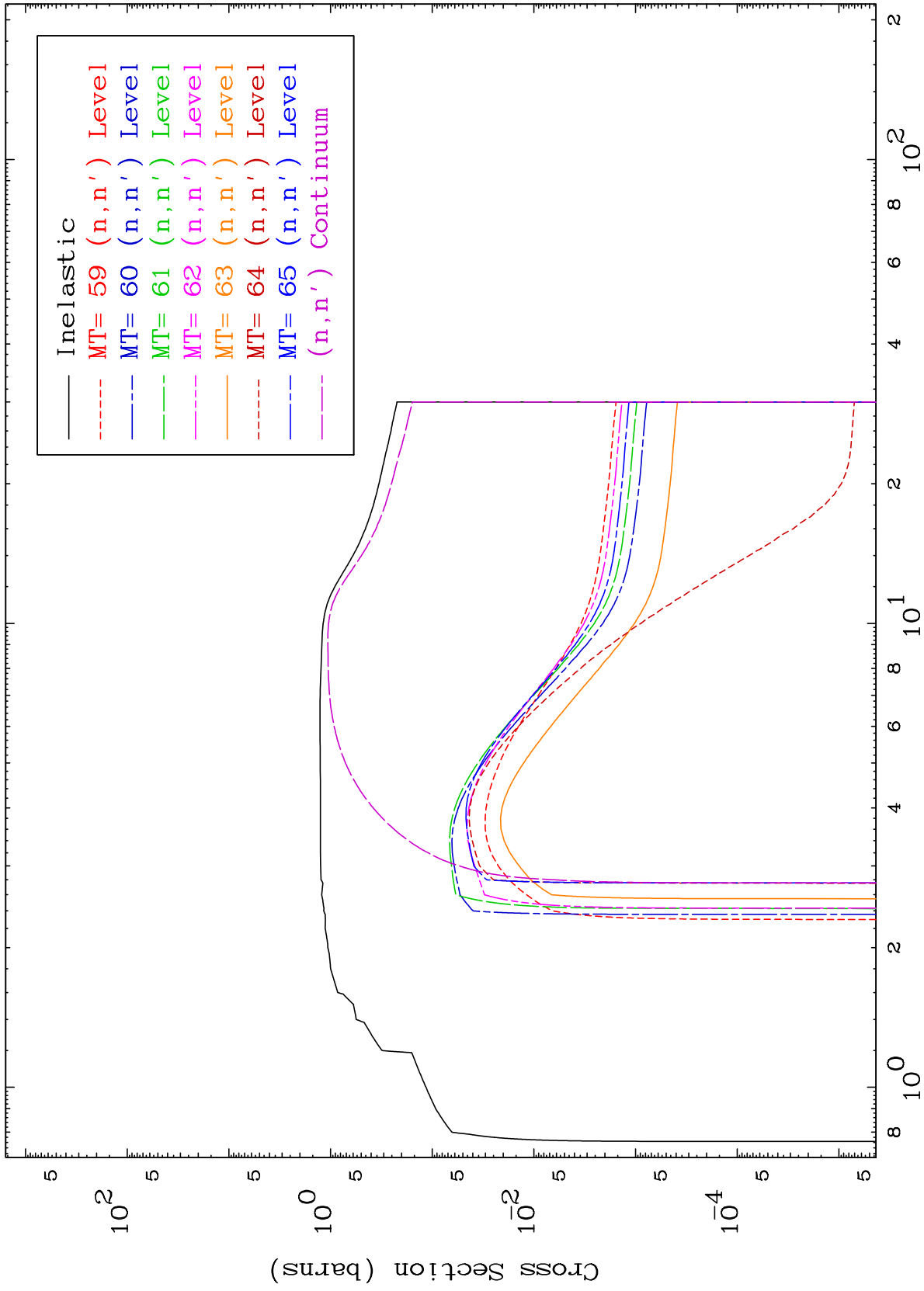
293 Kelvin Cross Sections



8

Incident Energy (MeV)

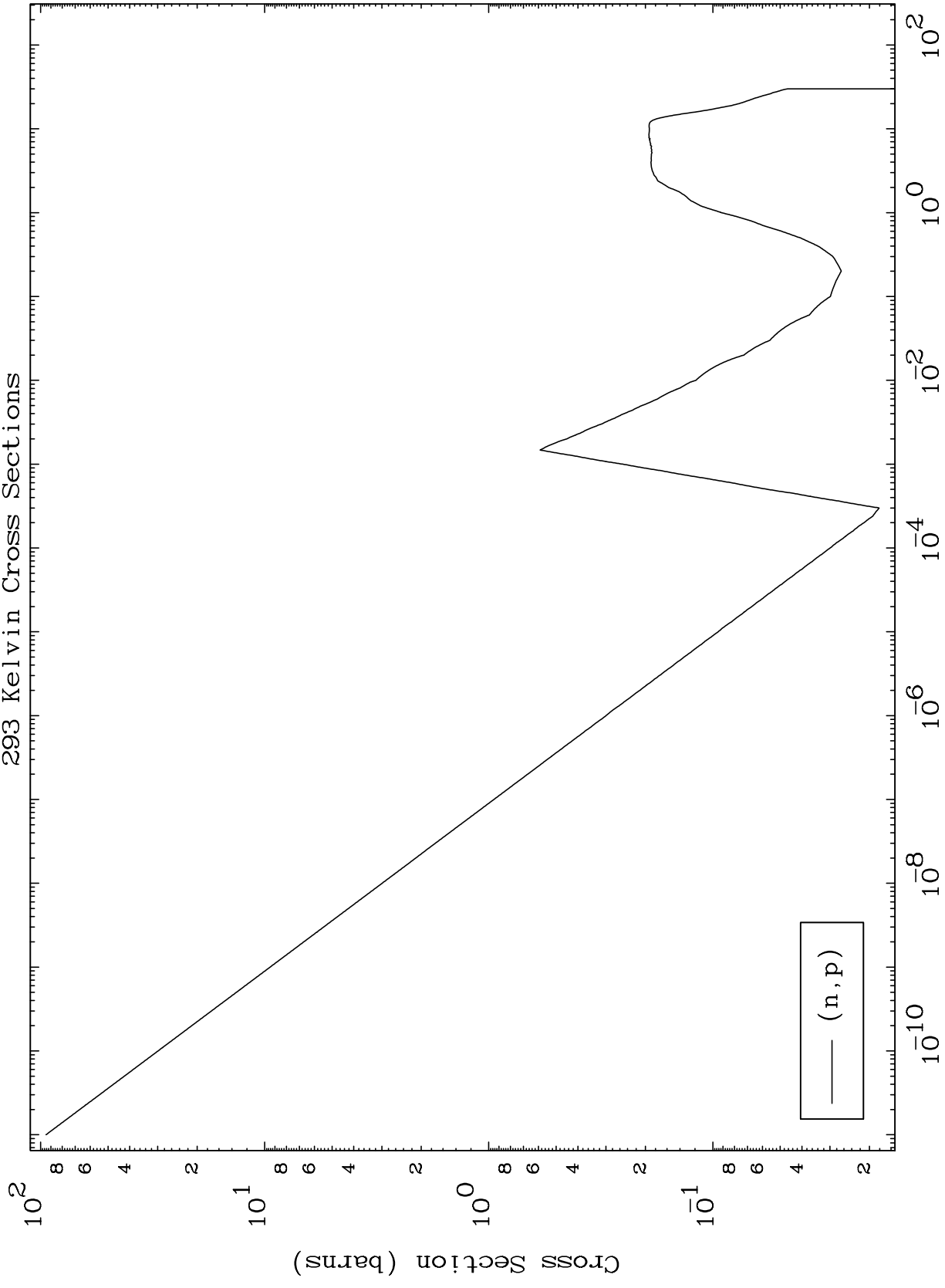
24-Cr-51



MAT 2428

(n,p) Levels  
293 Kelvin Cross Sections

24-Cr-51



10

Incident Energy (MeV)

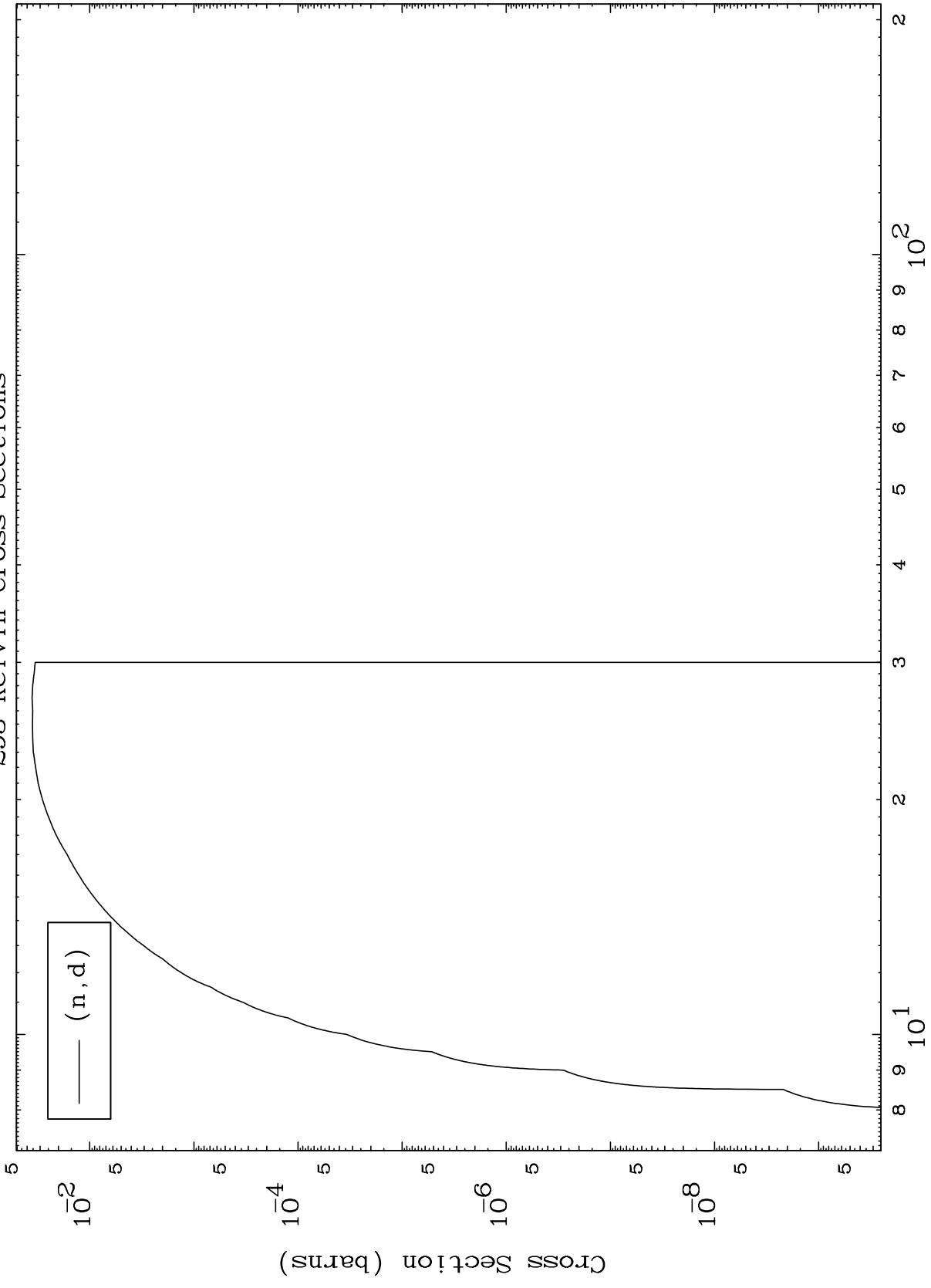
24-Cr-51

— (n, p)

MAT 2428

(n,d) Levels  
293 Kelvin Cross Sections

24-Cr-51



11

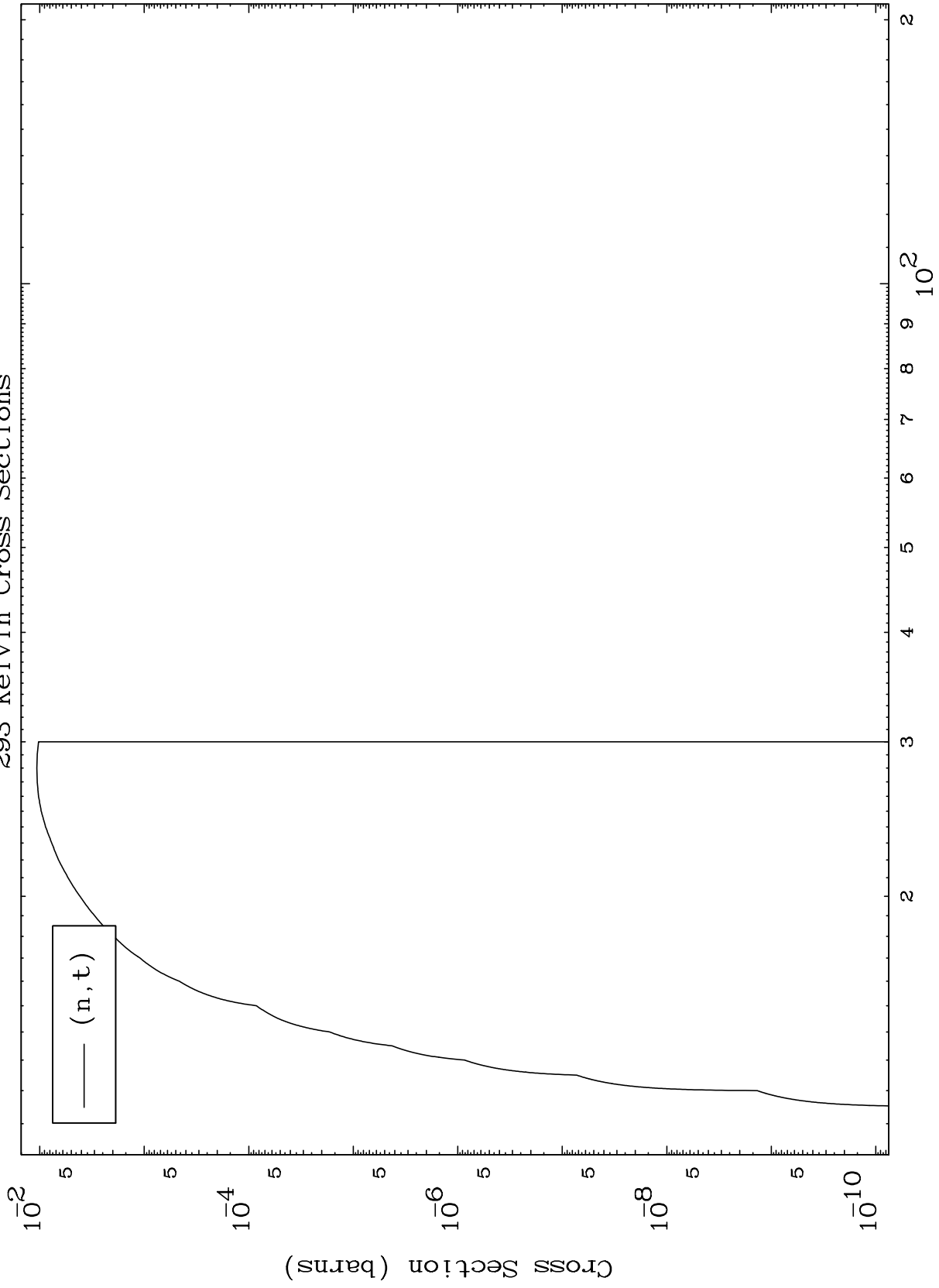
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,t) Levels  
293 Kelvin Cross Sections

24-Cr-51



12

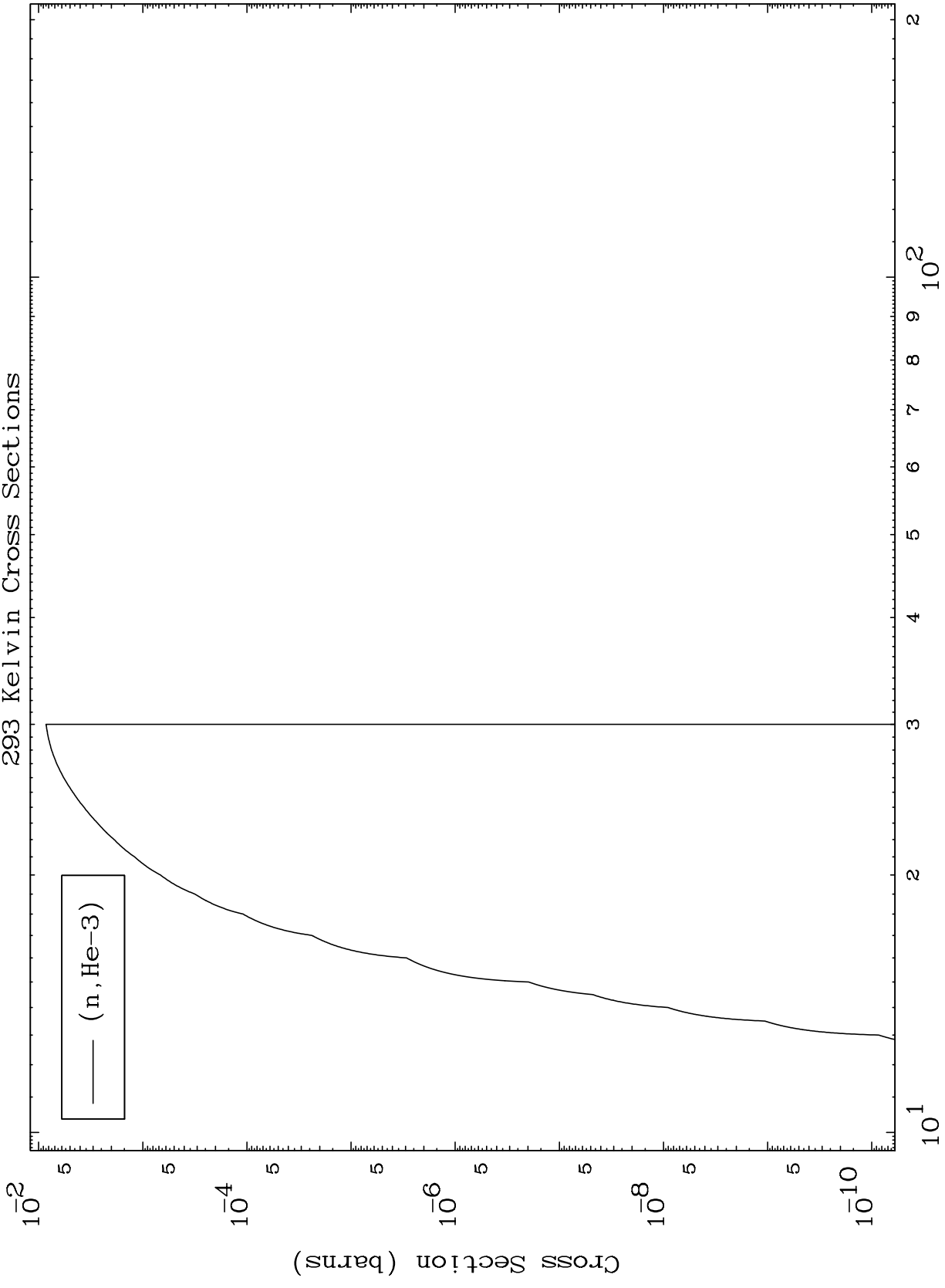
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,He3) Levels  
293 Kelvin Cross Sections

24-Cr-51



13

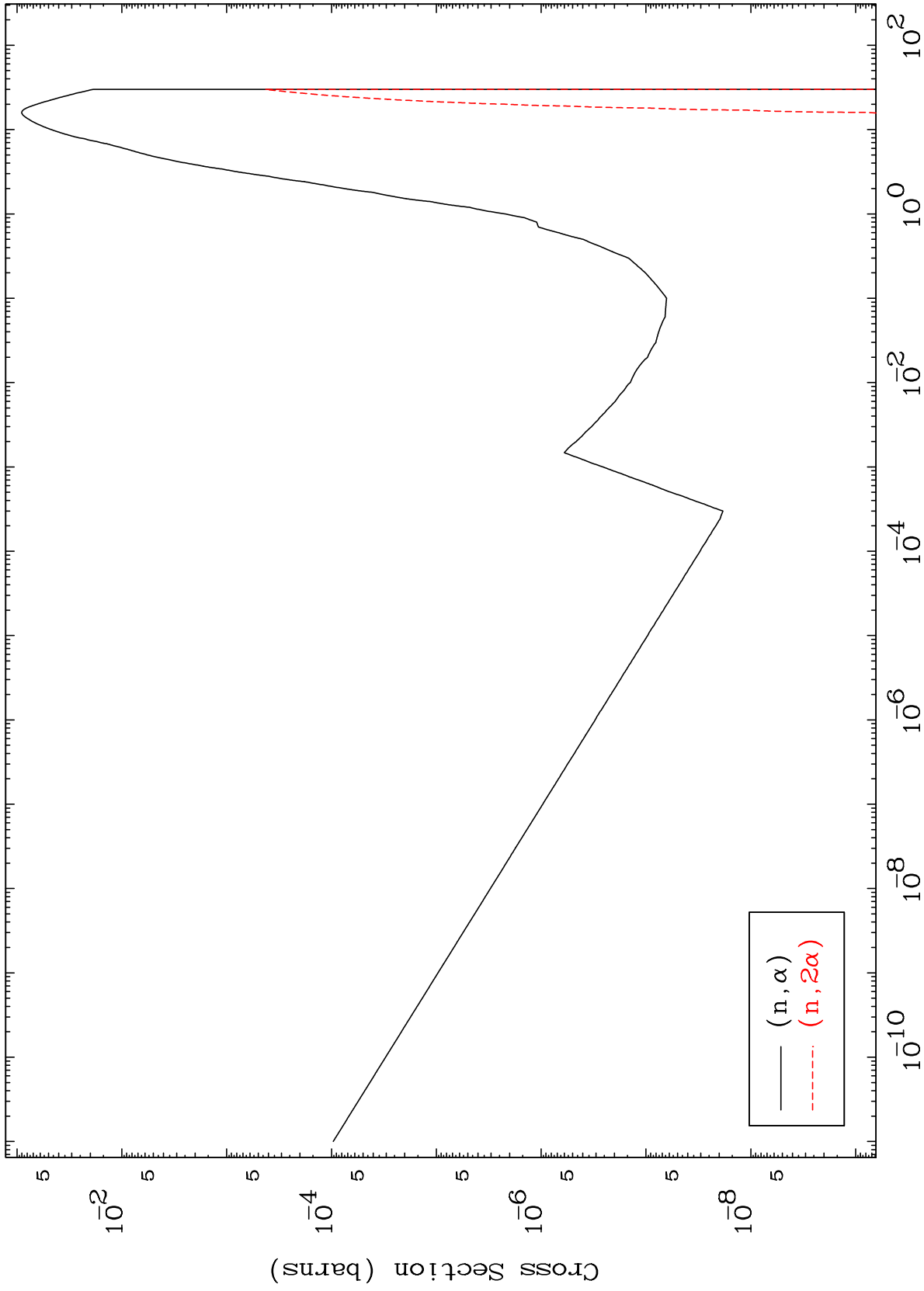
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,α) Levels  
293 Kelvin Cross Sections

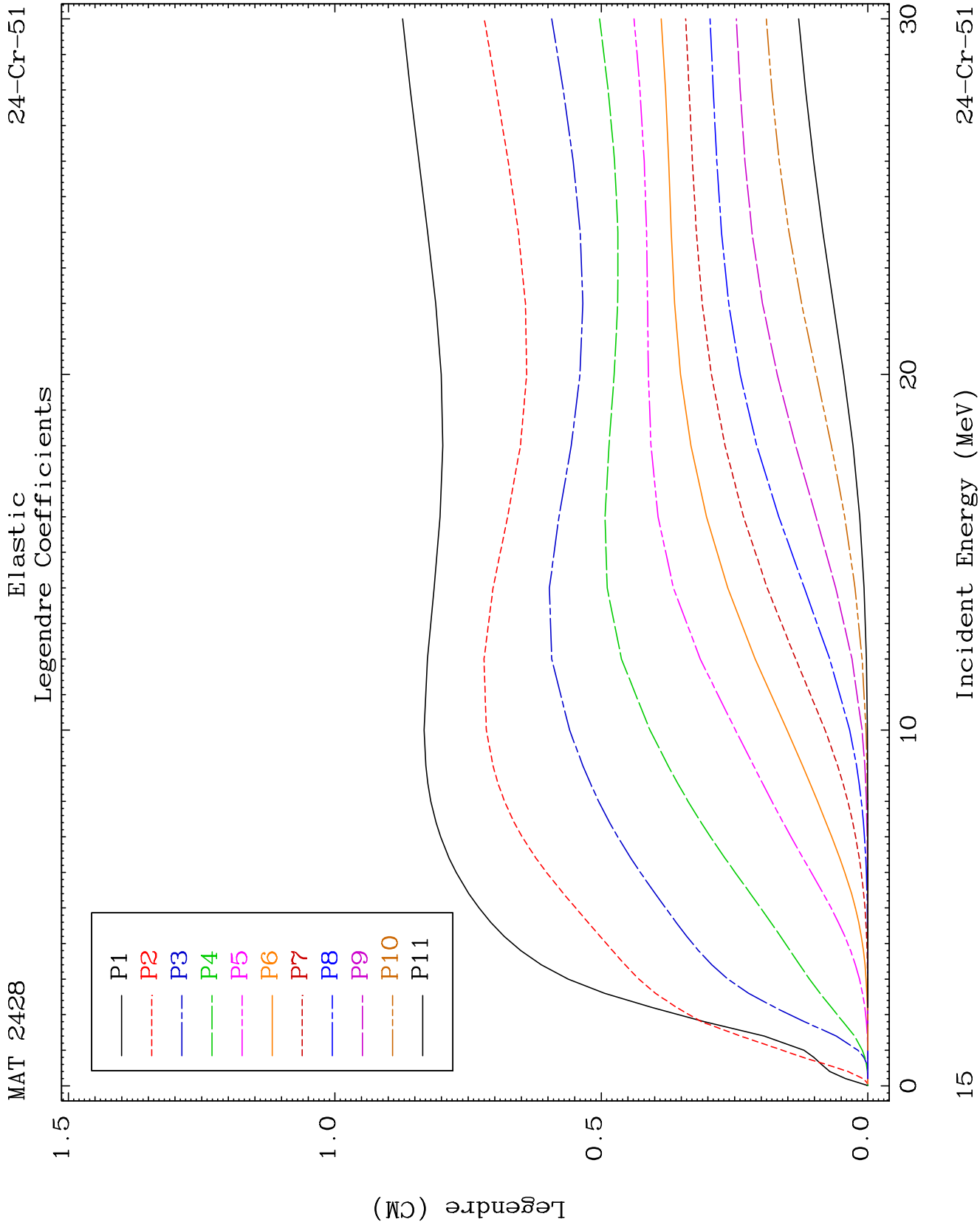
24-Cr-51



14

Incident Energy (MeV)

24-Cr-51

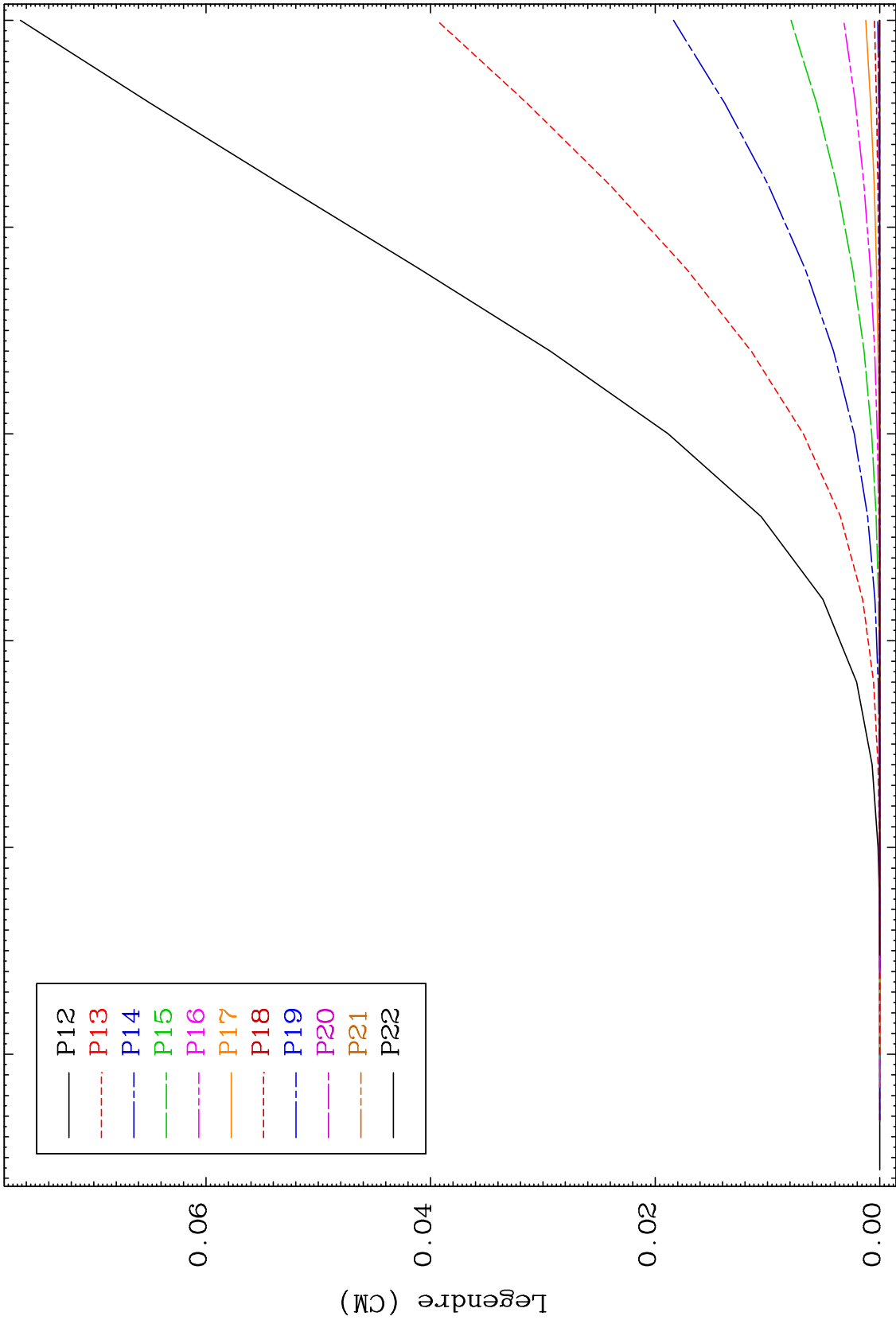




MAT 2428

Elastic Legendre Coefficients

<sup>24</sup>Cr-51



16

<sup>24</sup>Cr-51

MAT 2428

Elastic Legendre Coefficients

24-Cr-51



17

Incident Energy (MeV)

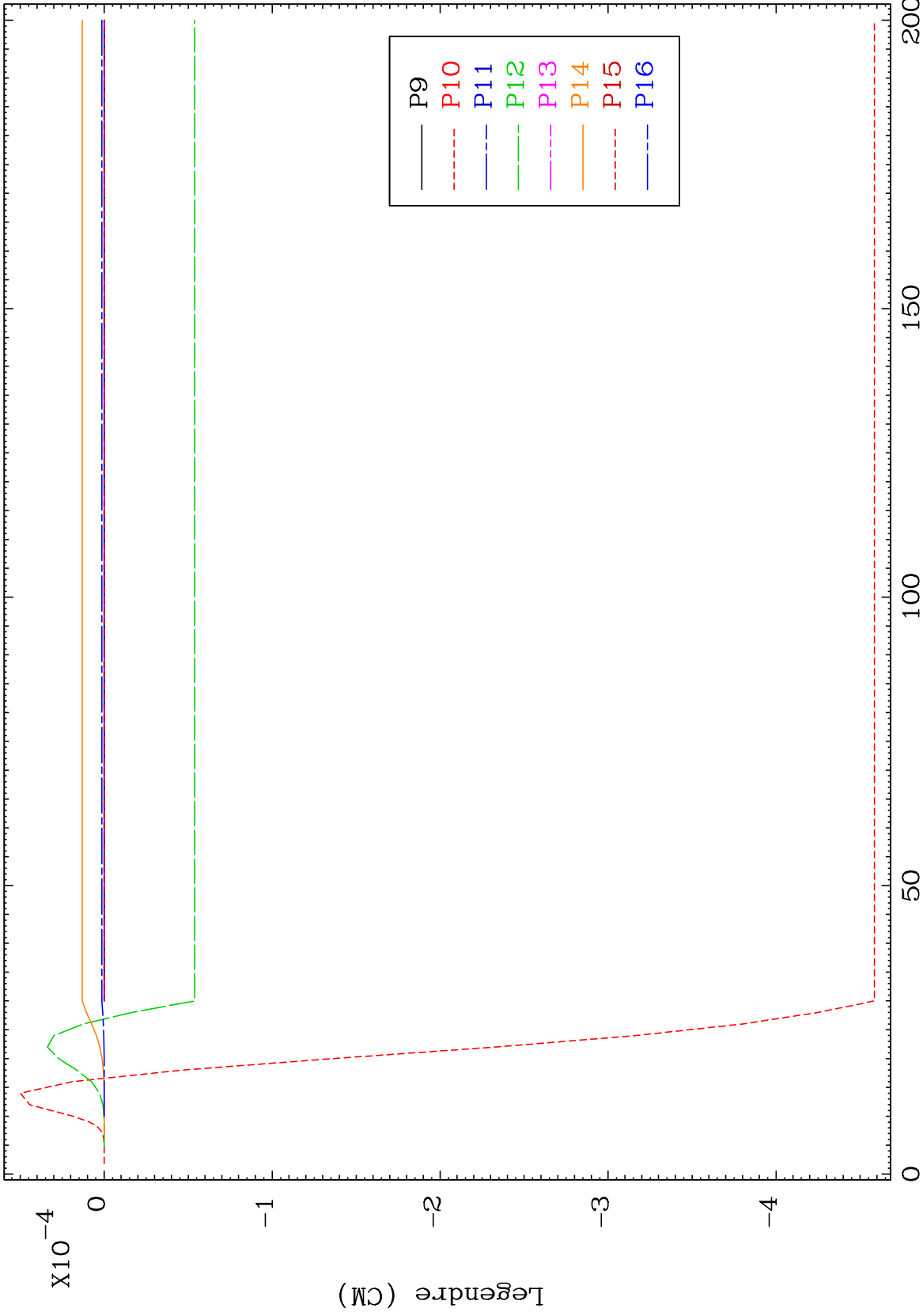
24-Cr-51



MAT 2428

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

24-Cr-51



19

Incident Energy (MeV)

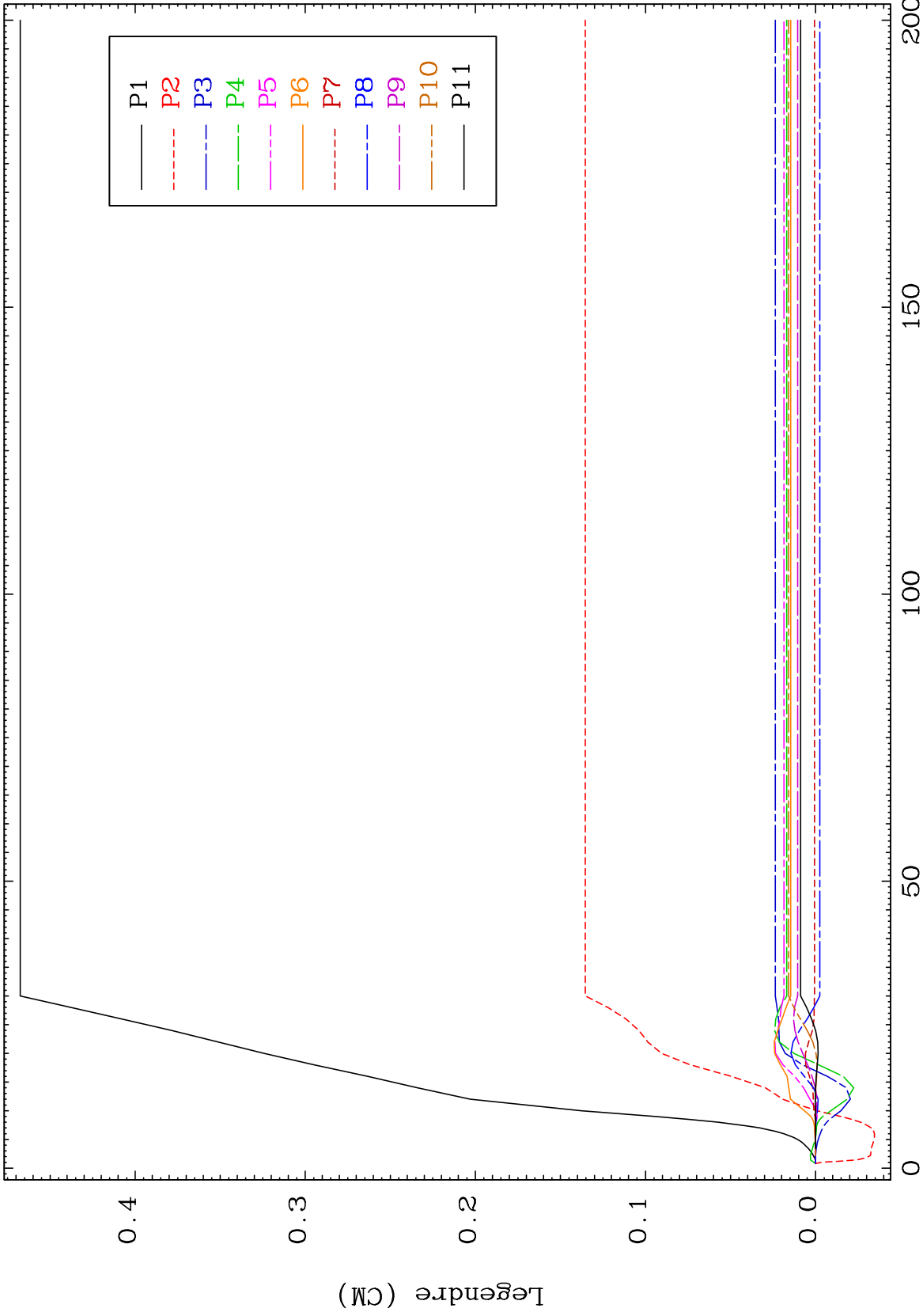
24-Cr-51



MAT 2428

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

24-Cr-51



21

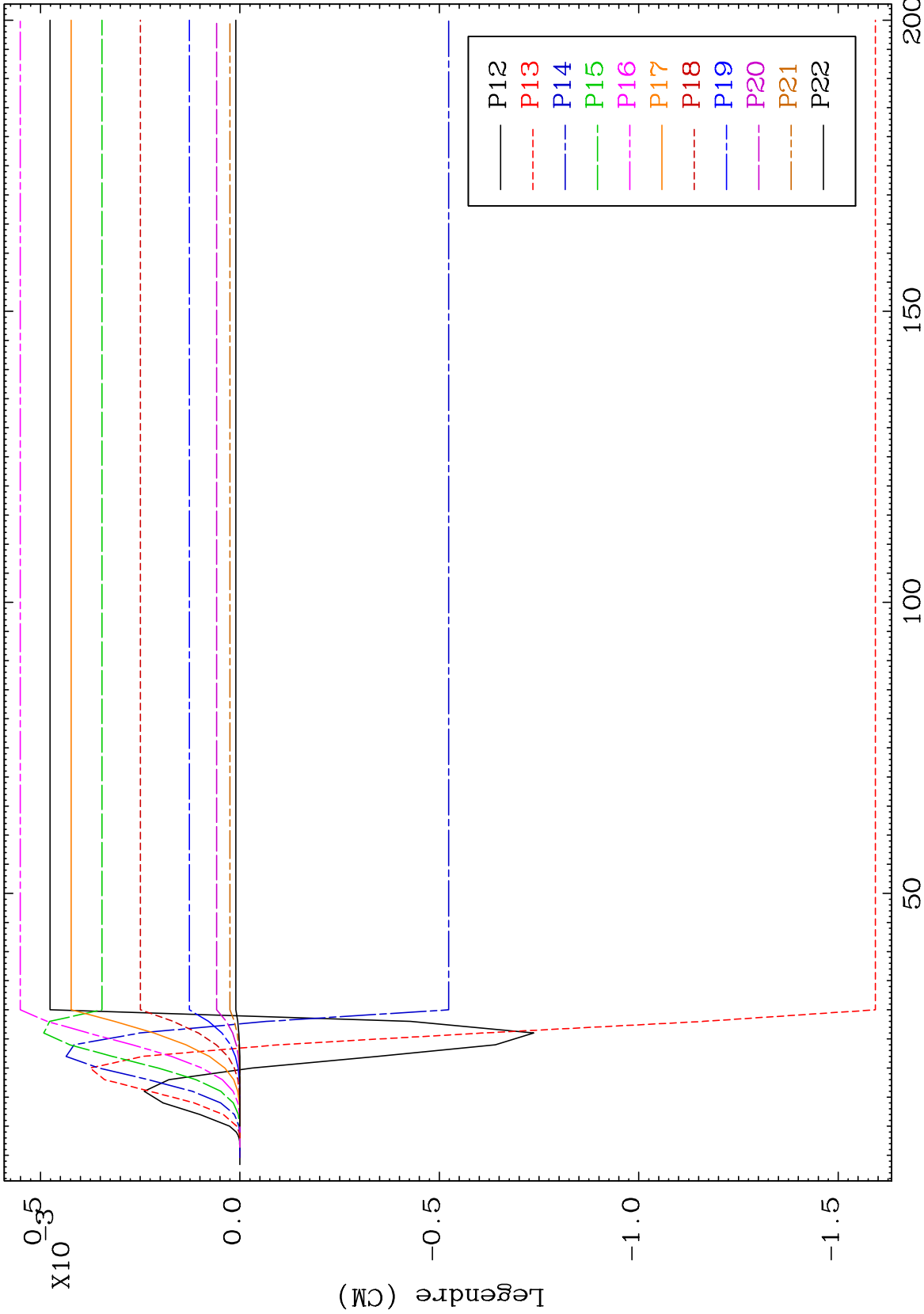
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



22

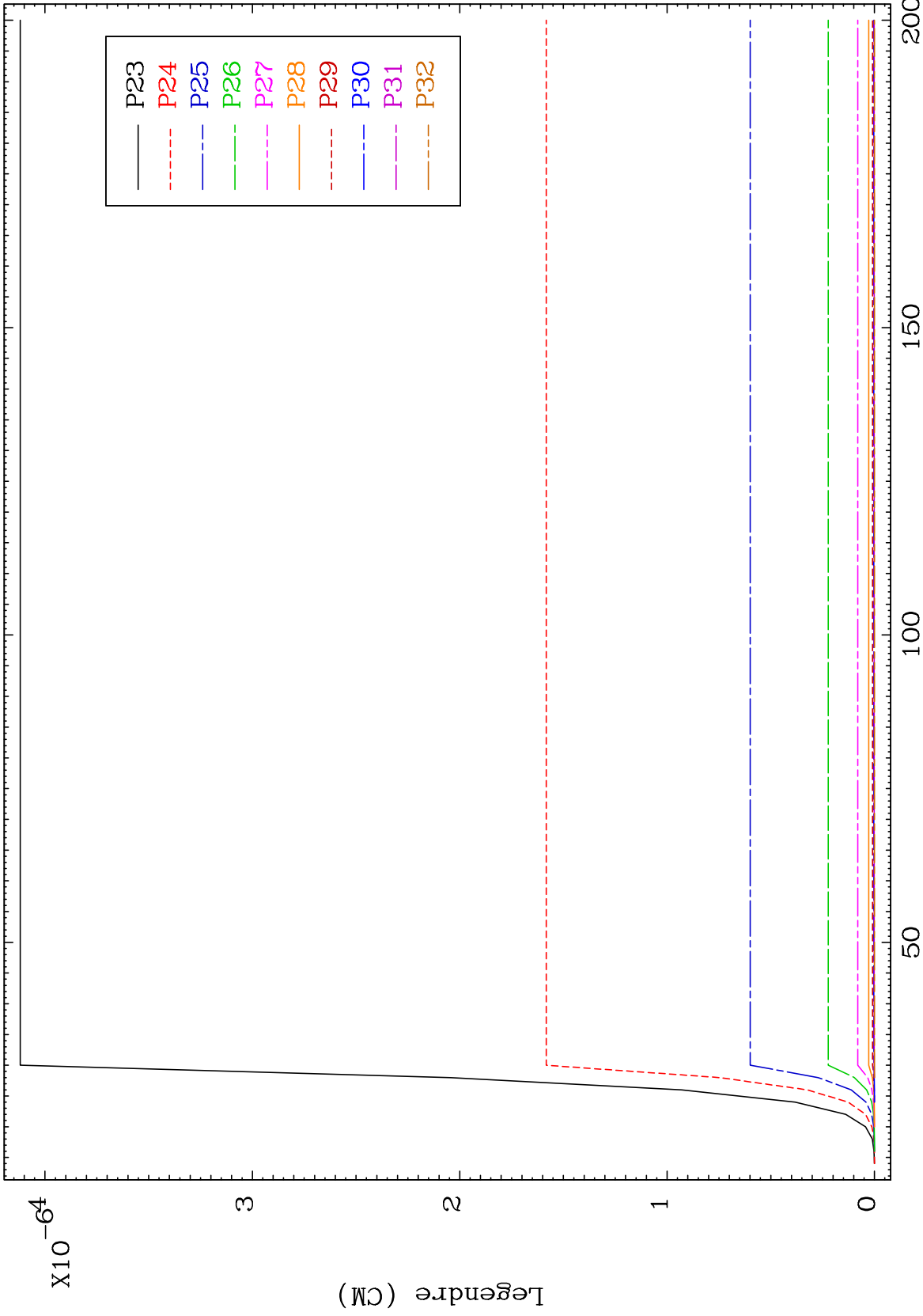
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



23

Incident Energy (MeV)

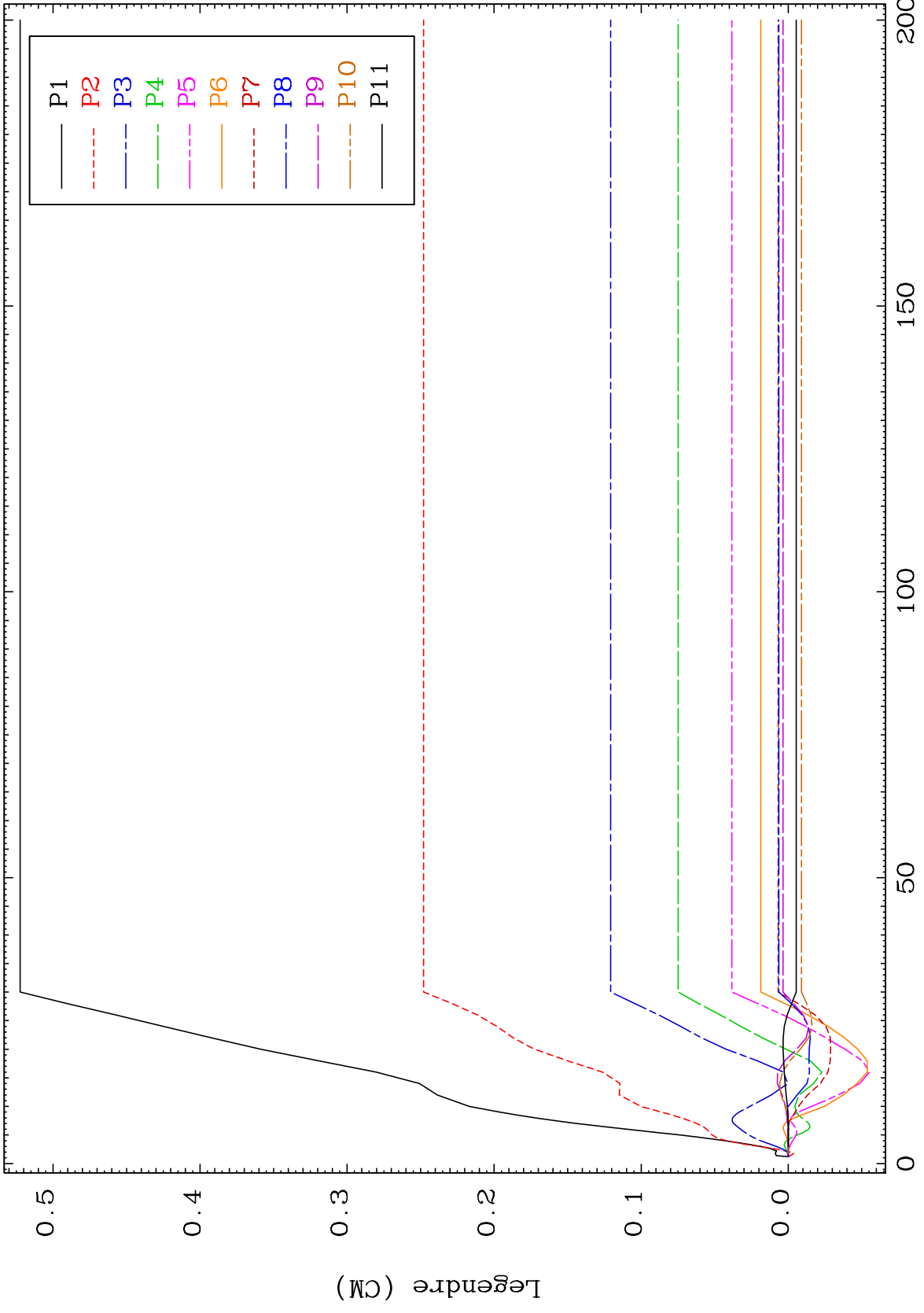
24-Cr-51



MAT 2428

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

24-Cr-51



24

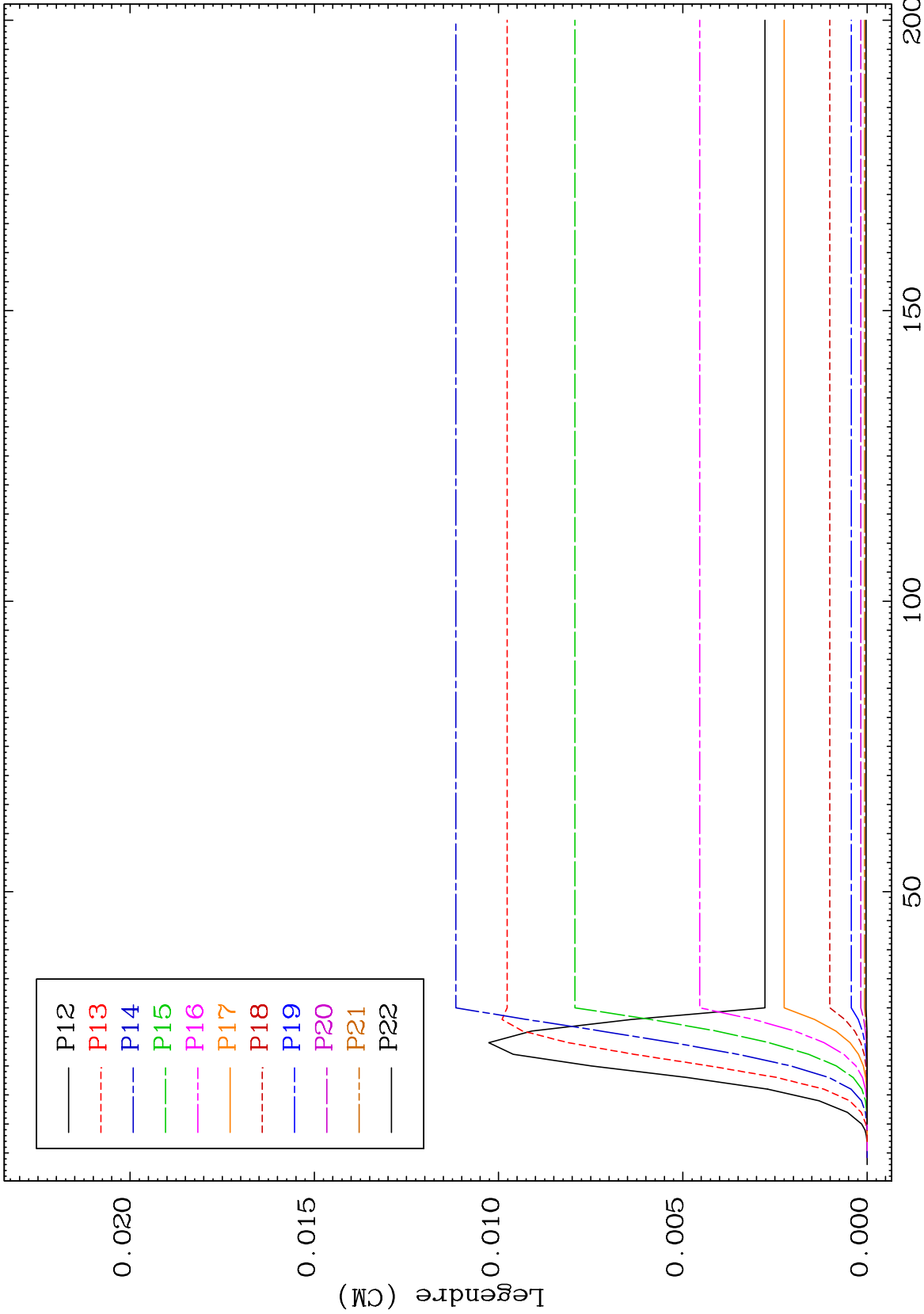
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



25

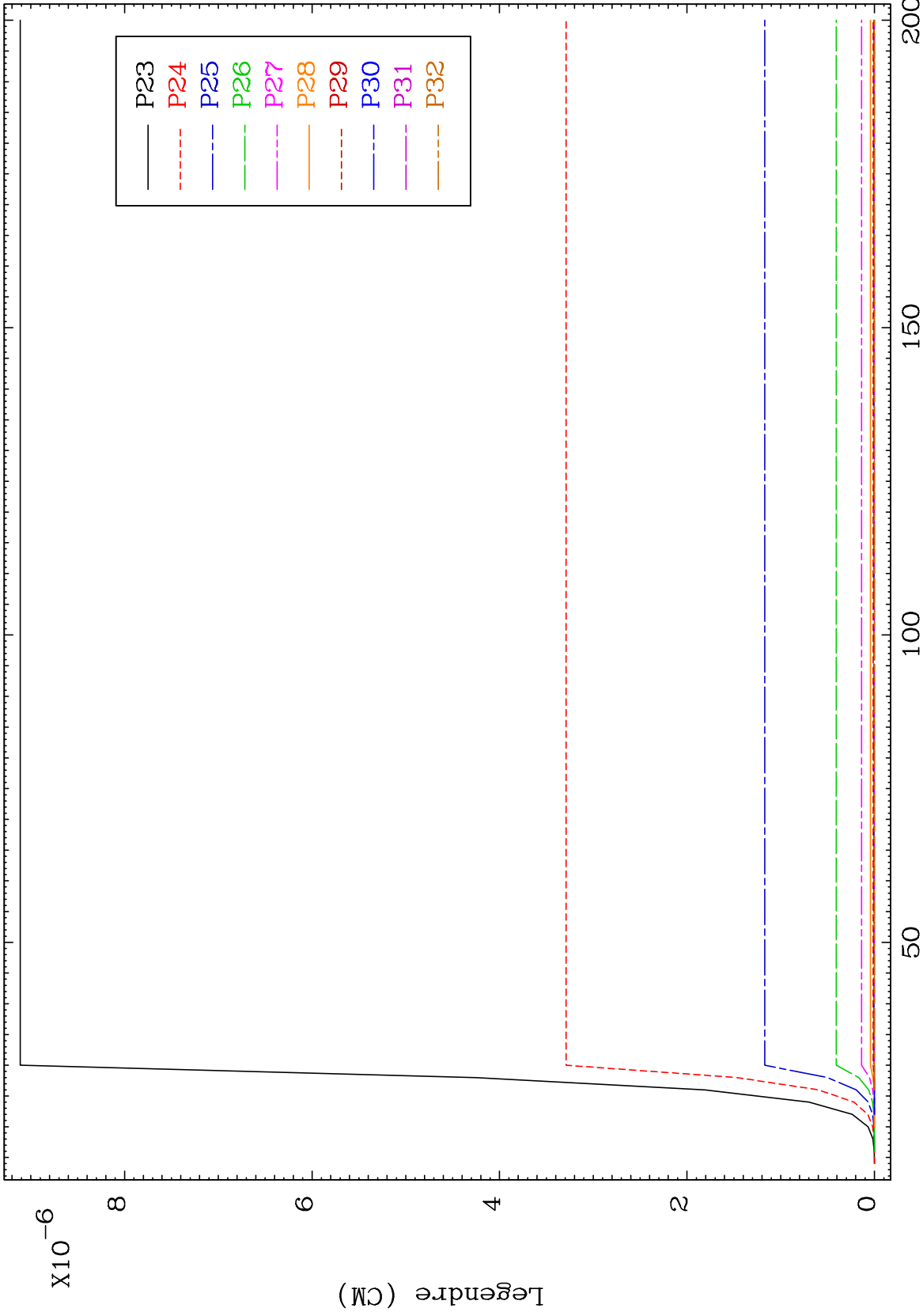
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



26

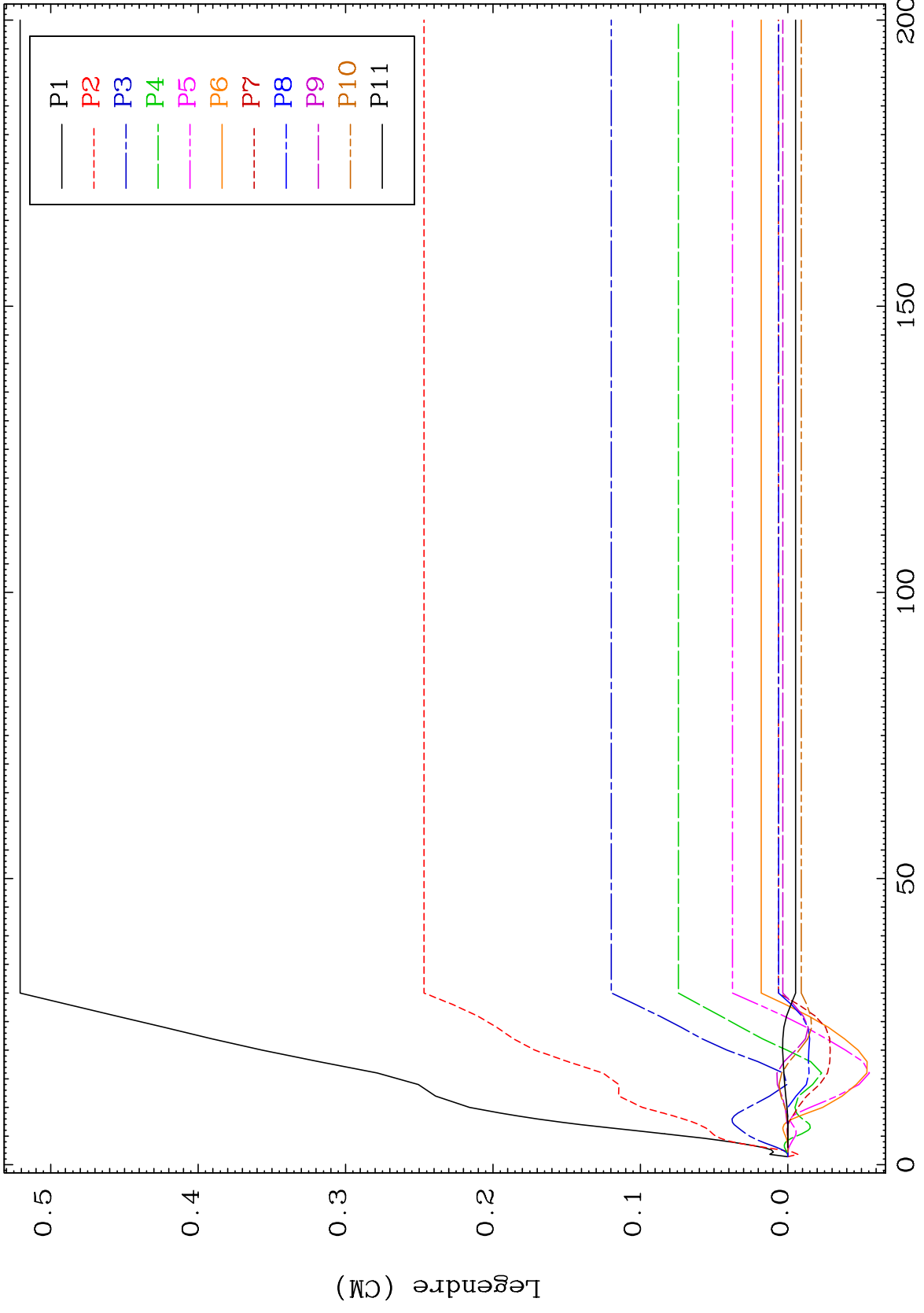
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



27

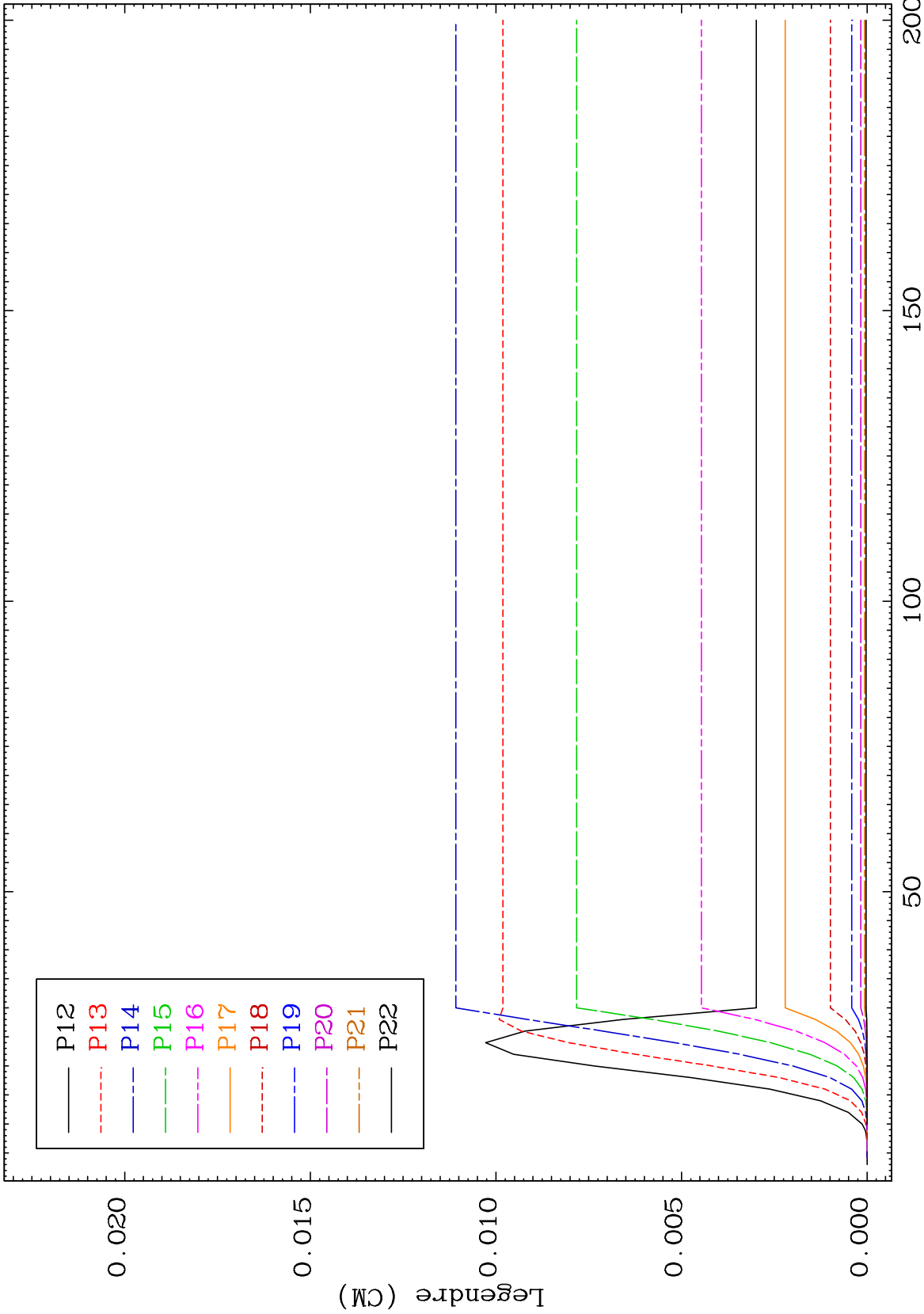
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



28

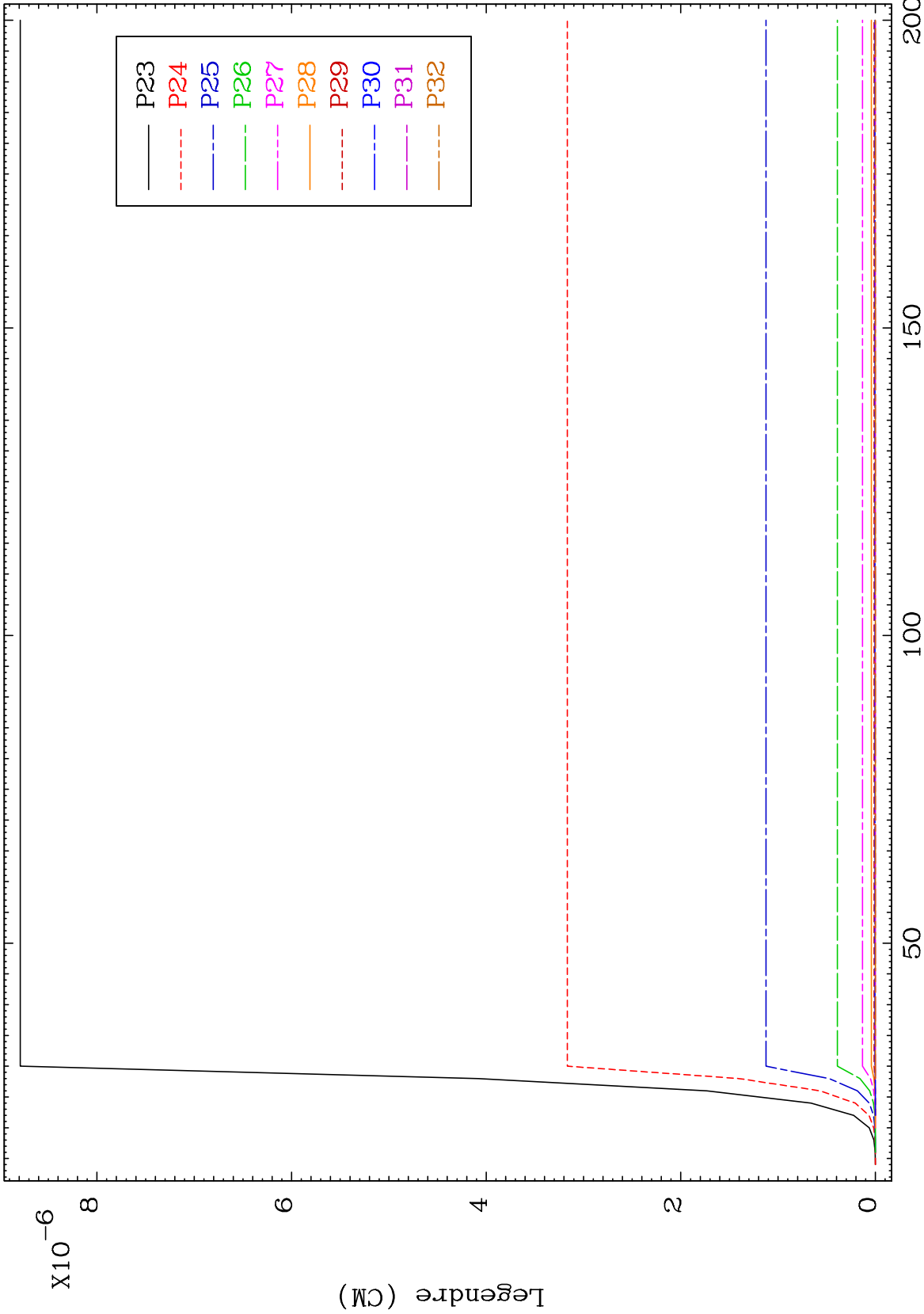
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



29

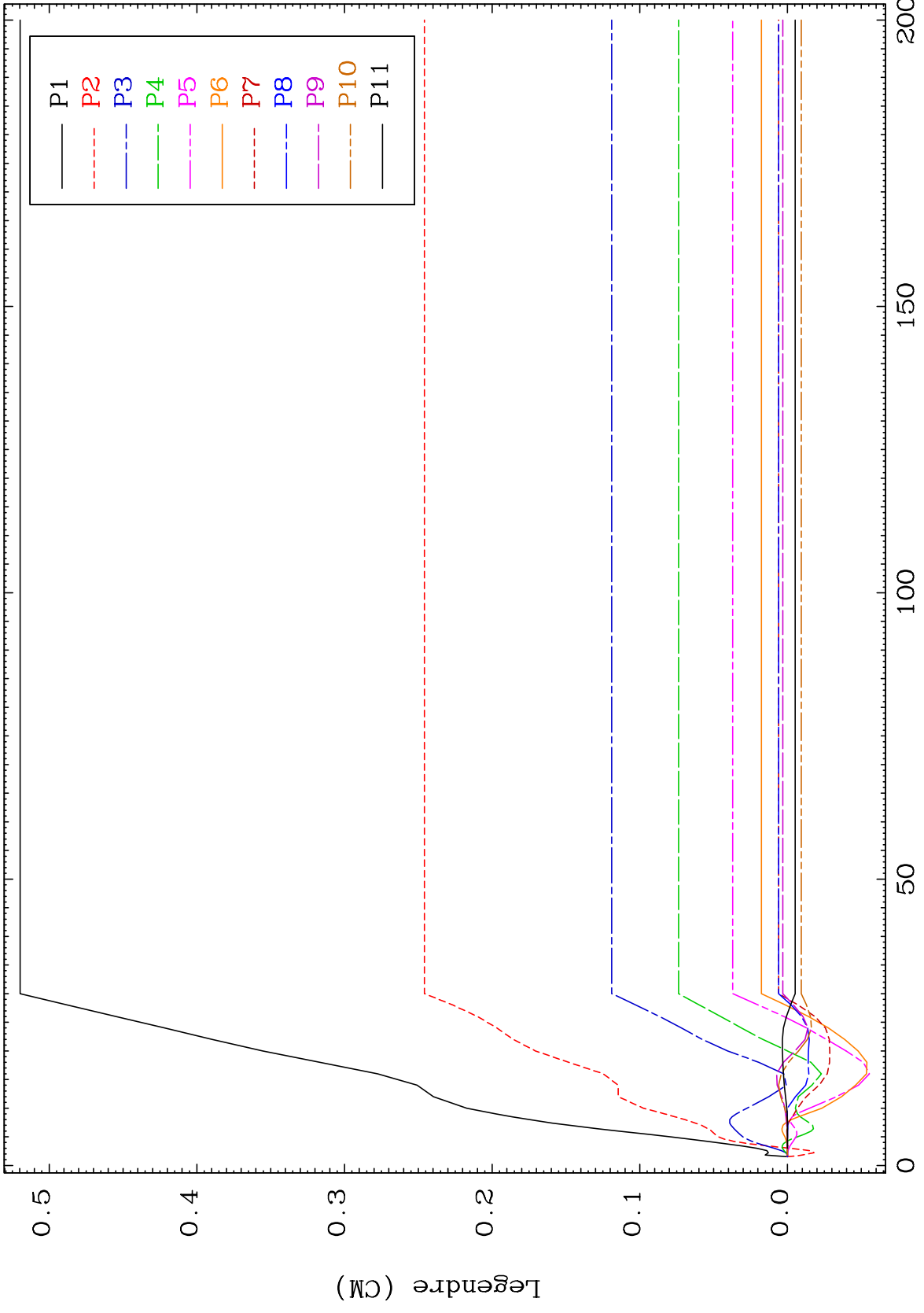
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



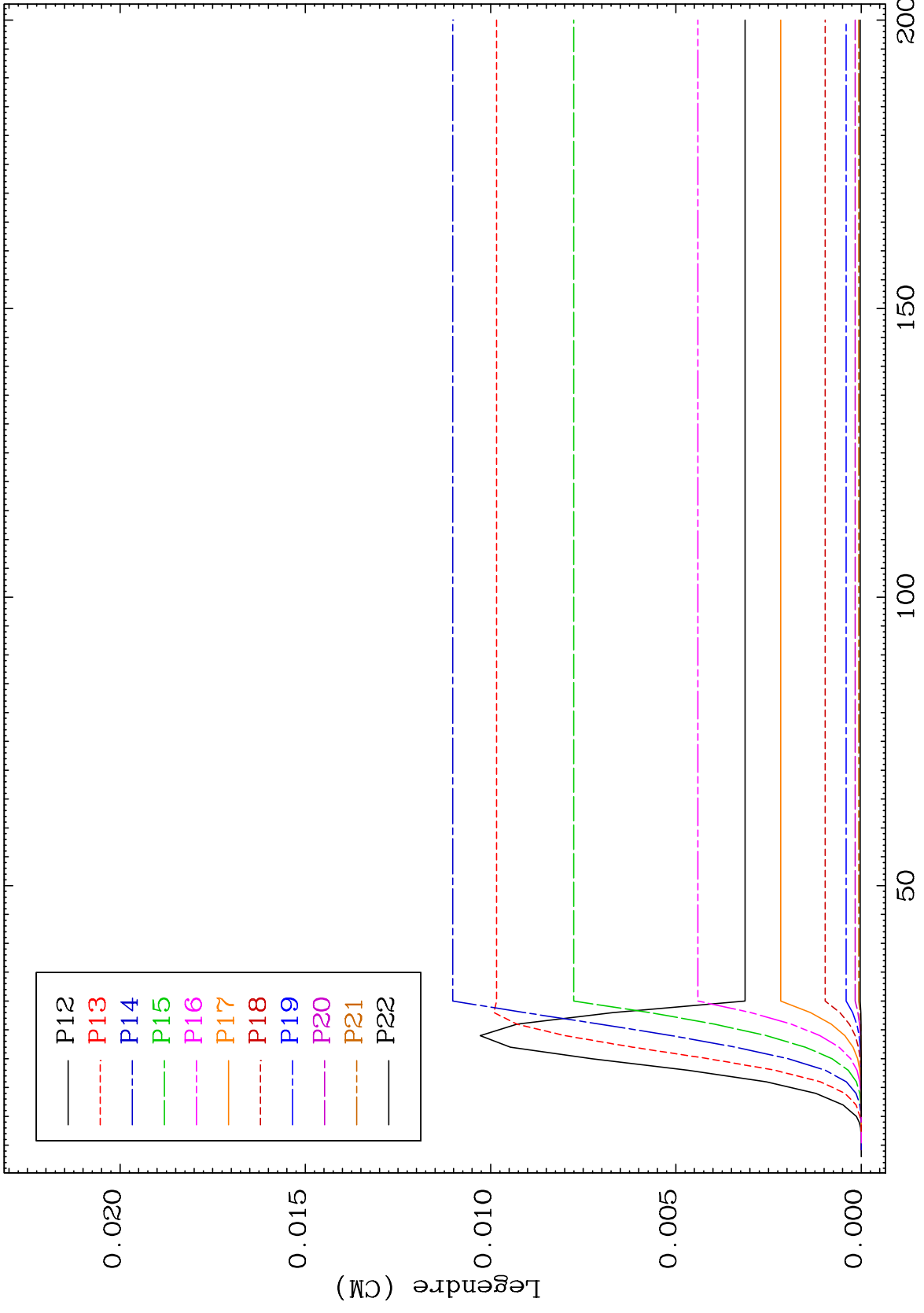
24-Cr-51

Incident Energy (MeV)

MAT 2428

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

24-Cr-51

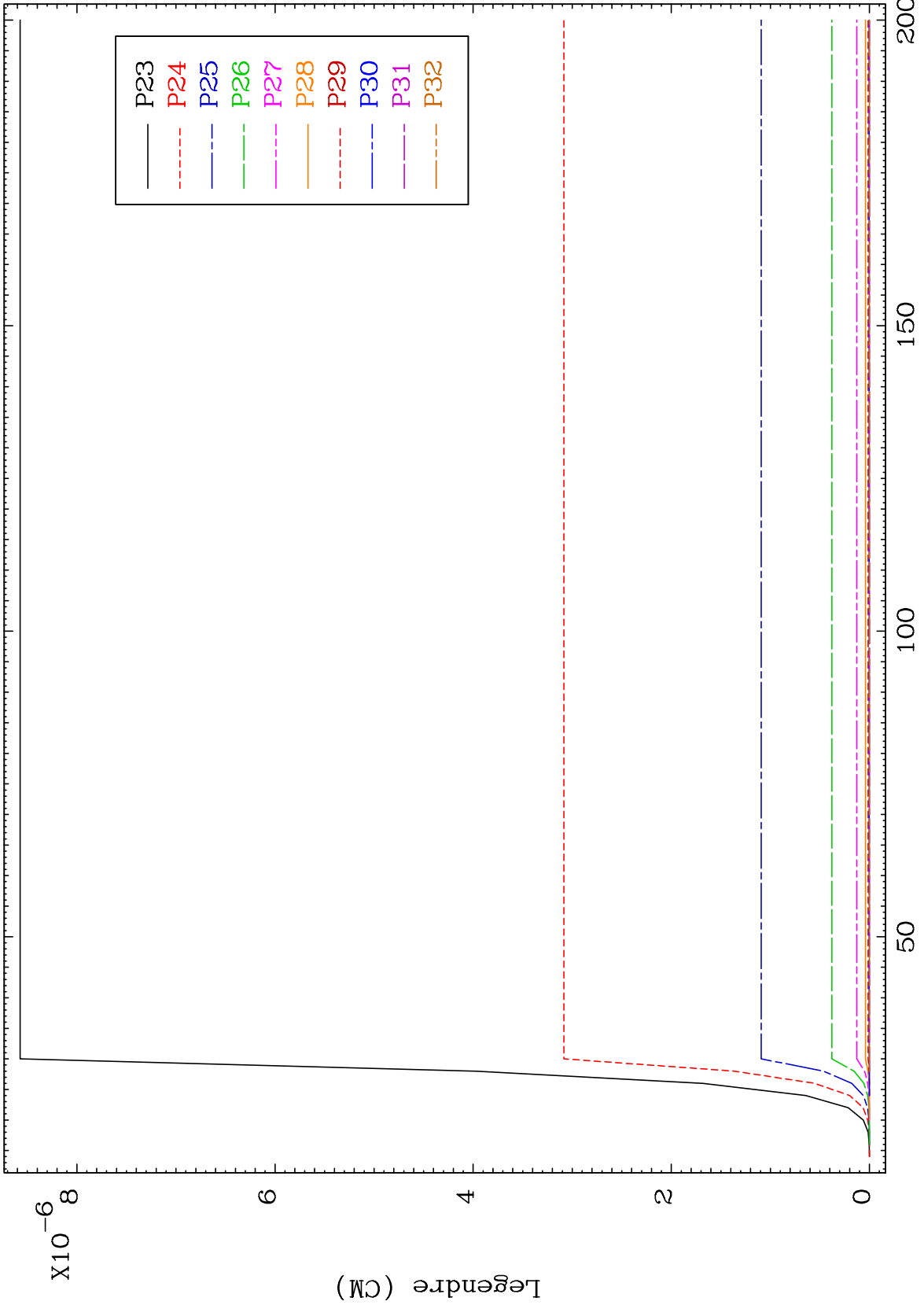




MAT 2428

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

24-Cr-51



32

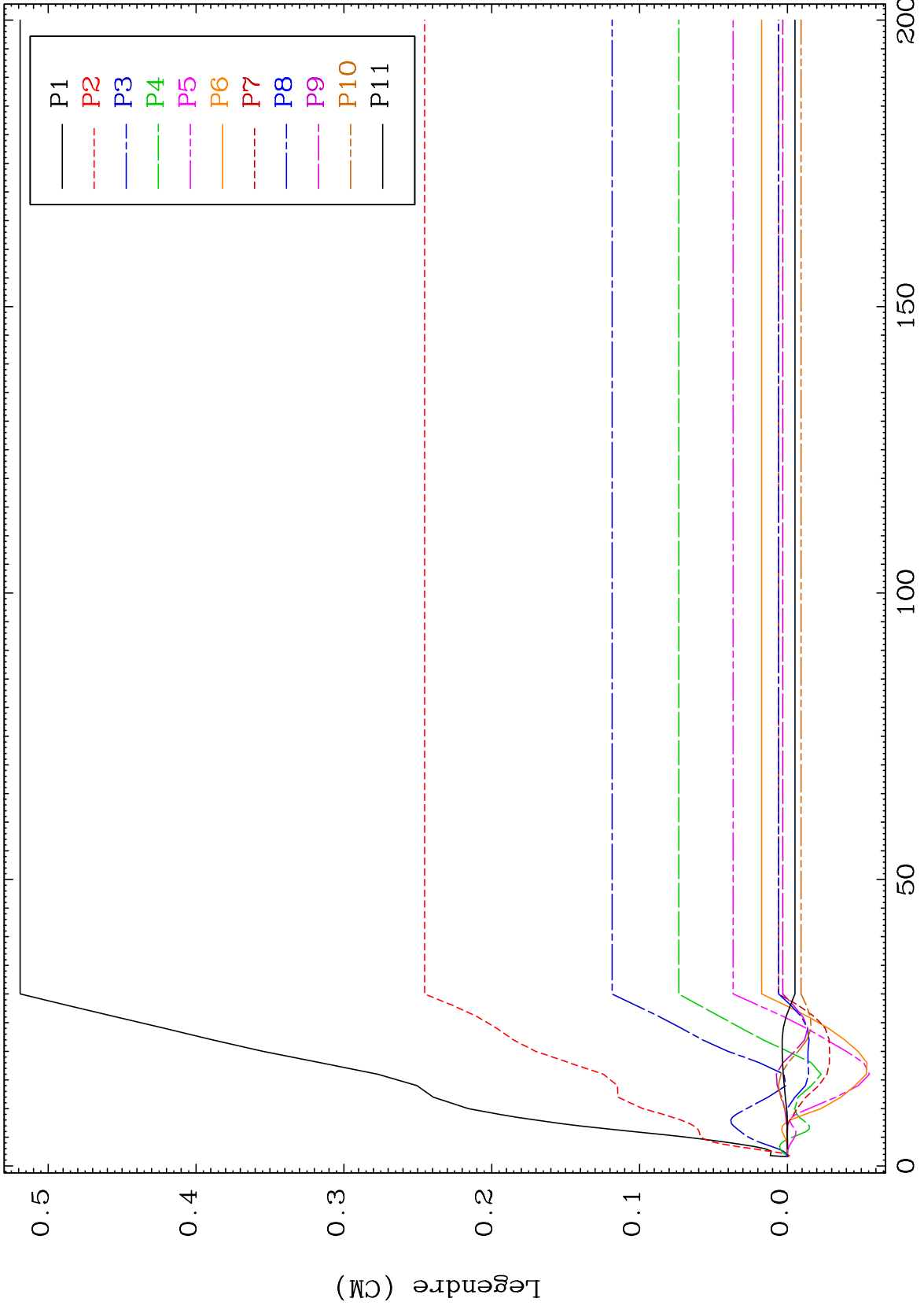
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



33

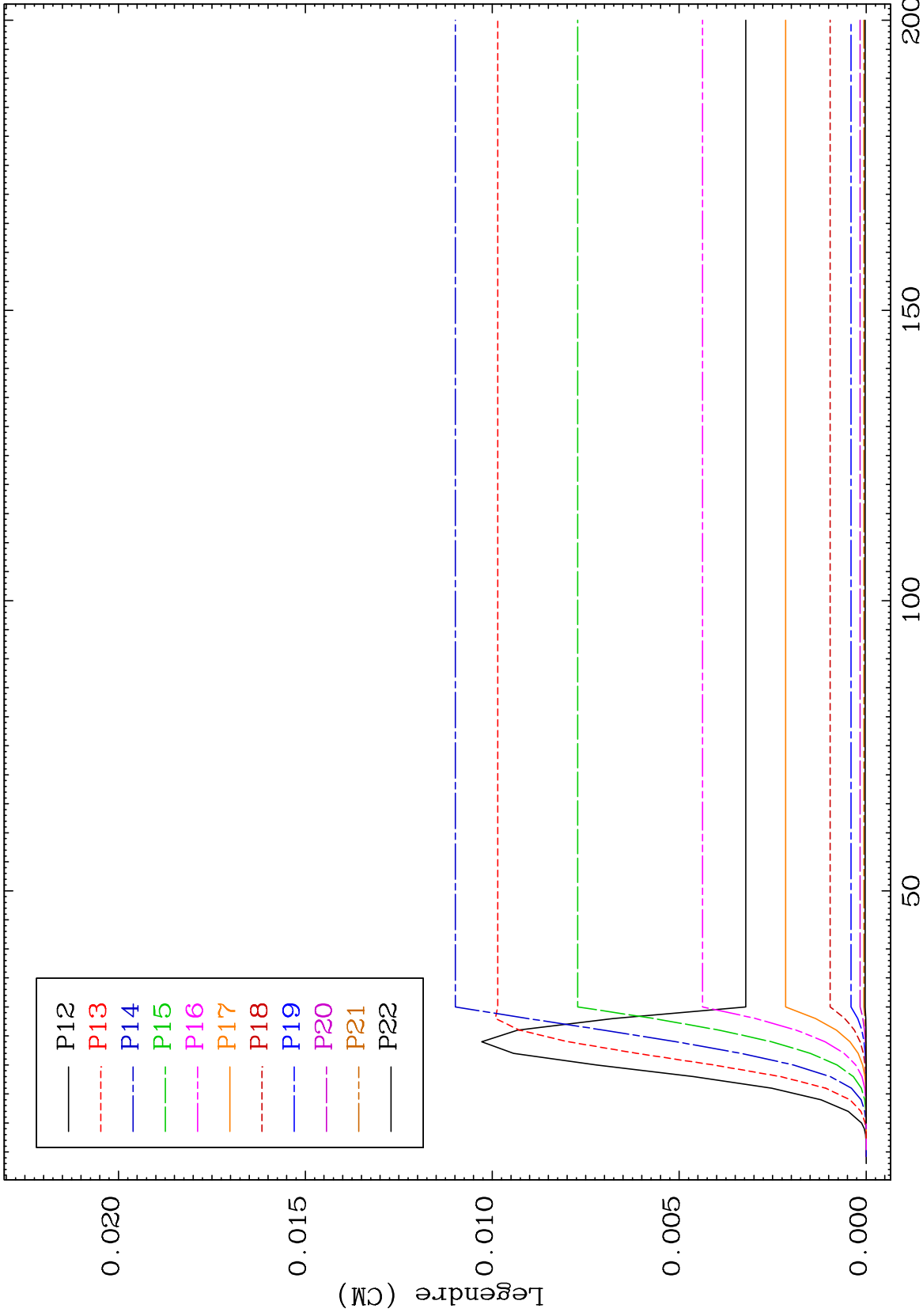
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

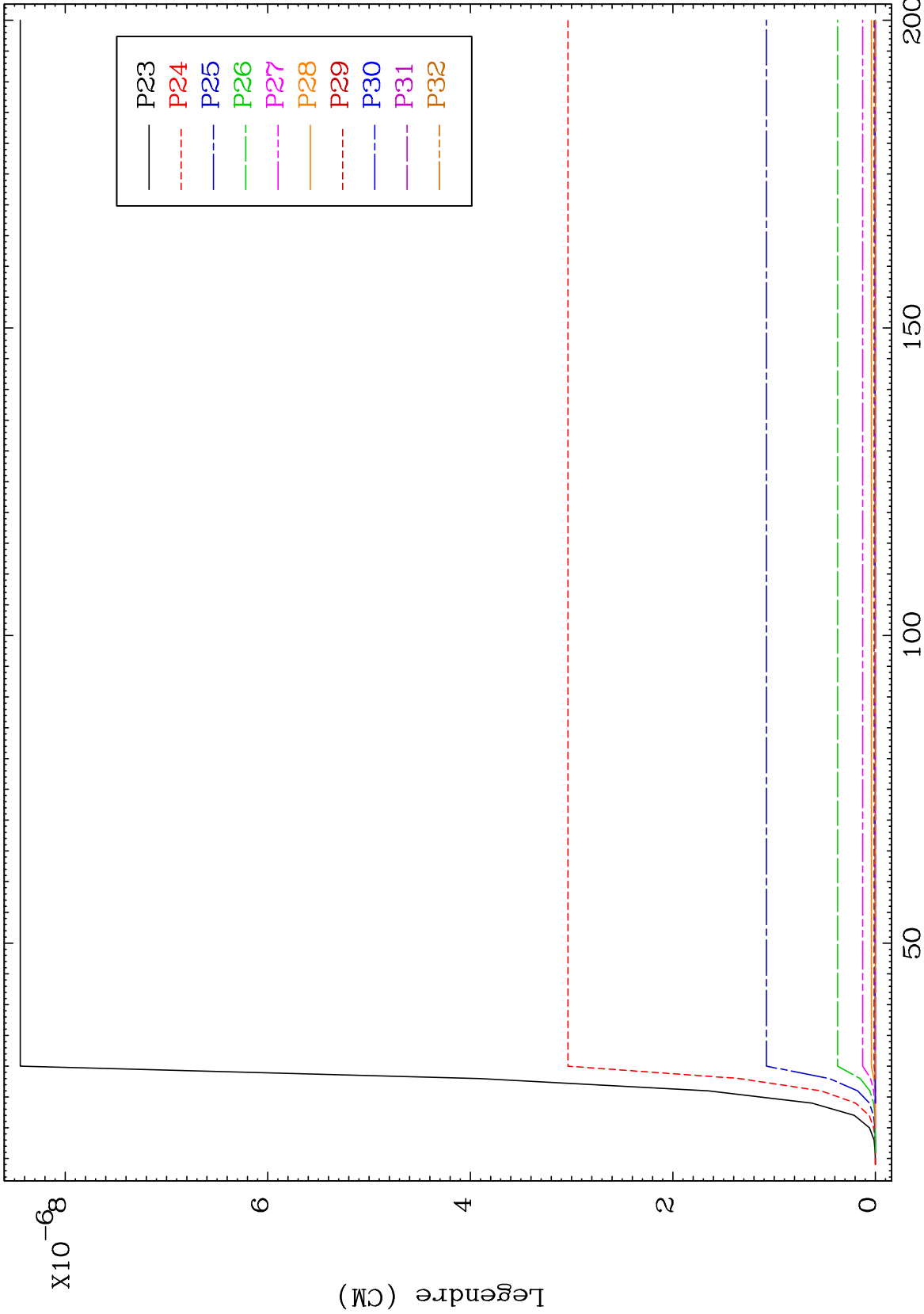
24-Cr-51



MAT 2428

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

24-Cr-51



35

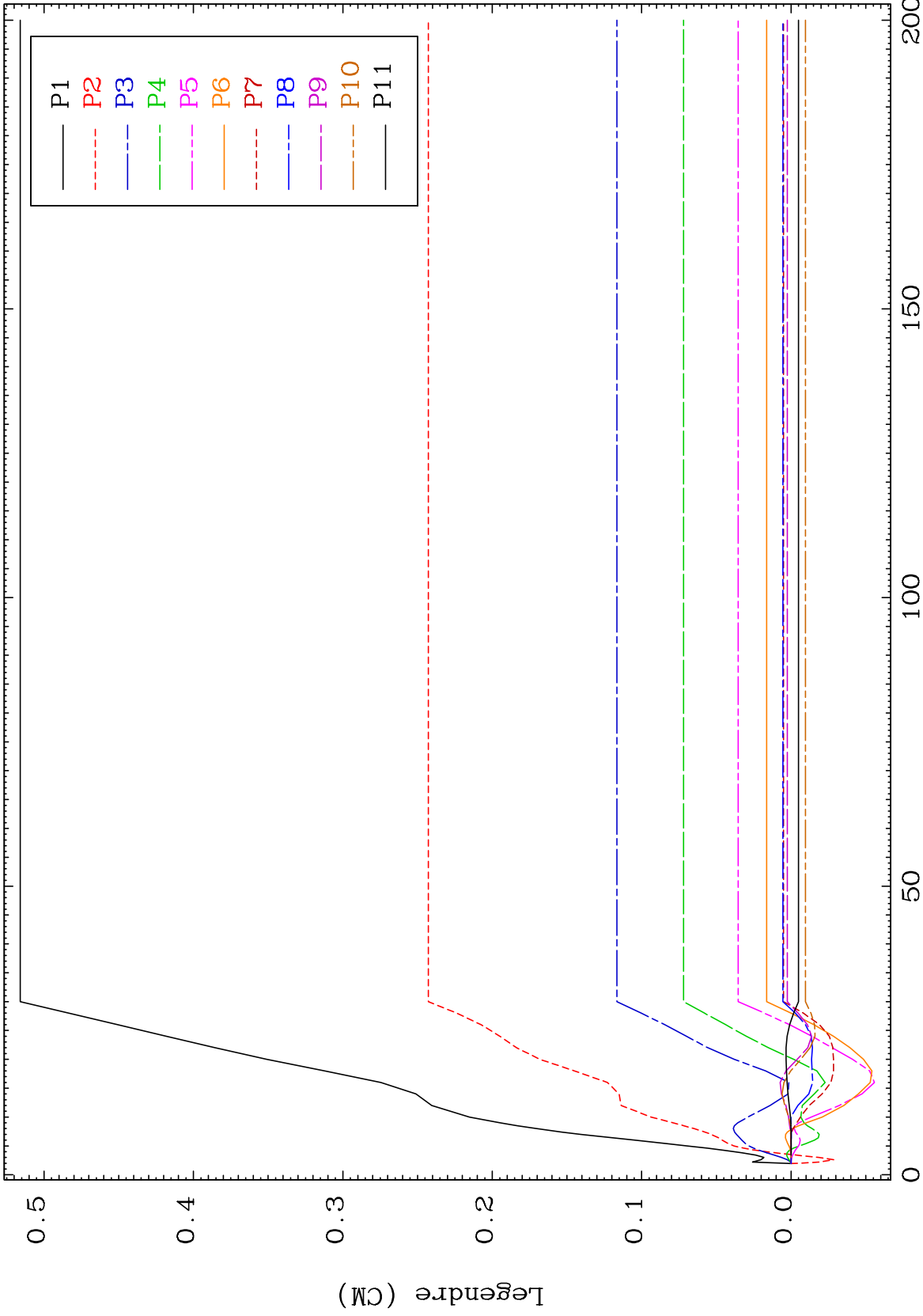
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



36

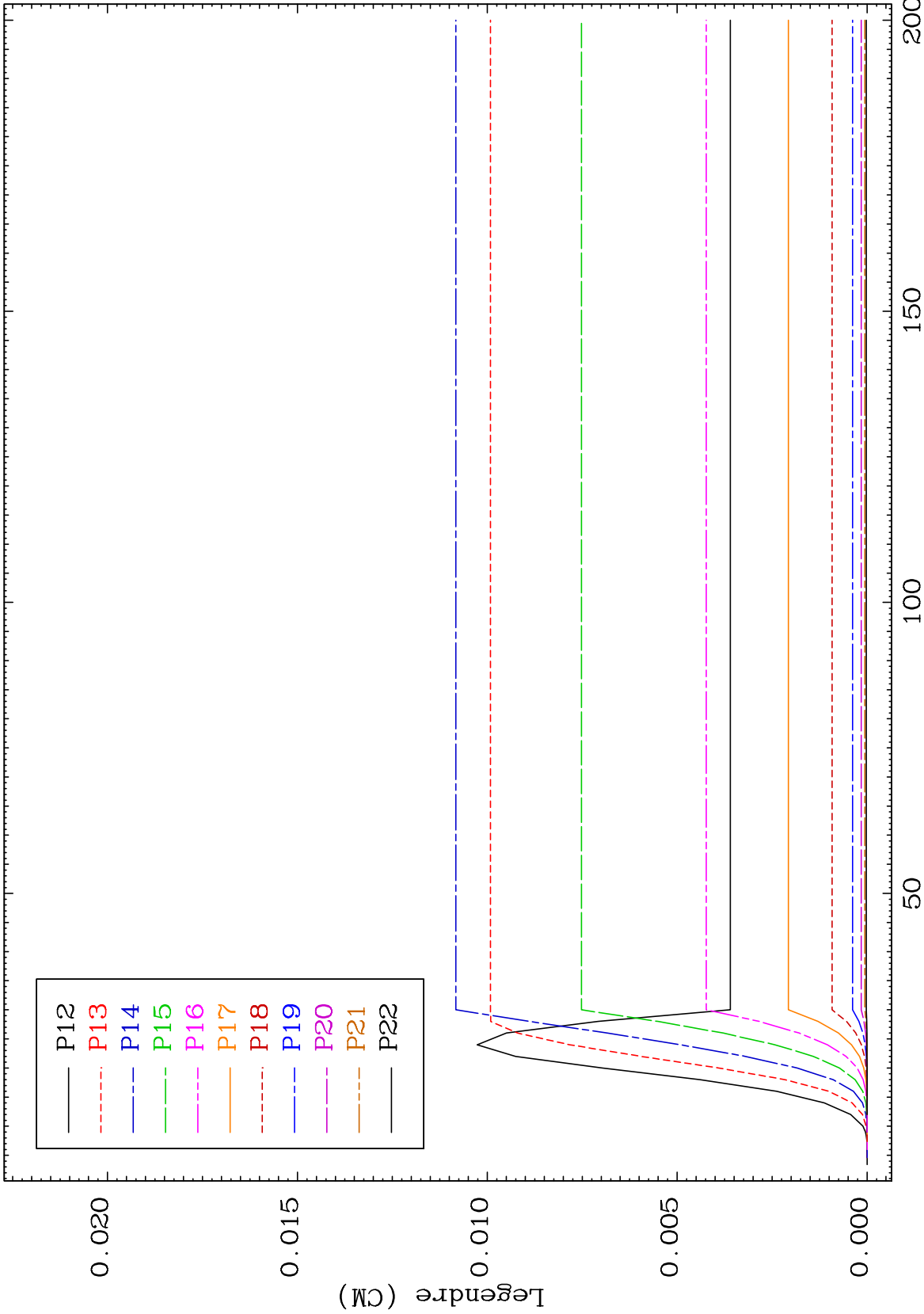
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



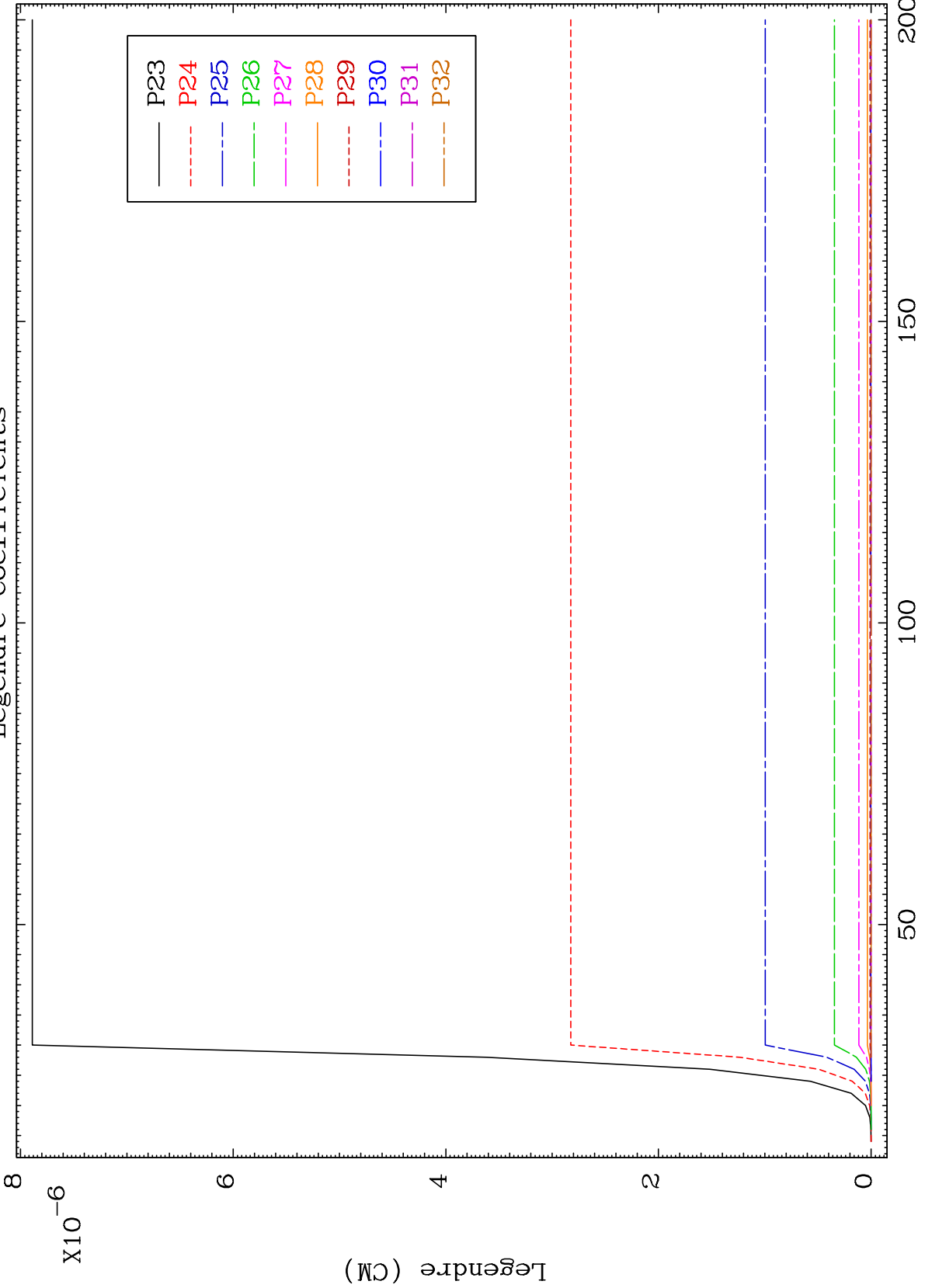
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24-Cr-51

MAT 2428

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

24-Cr-51



38

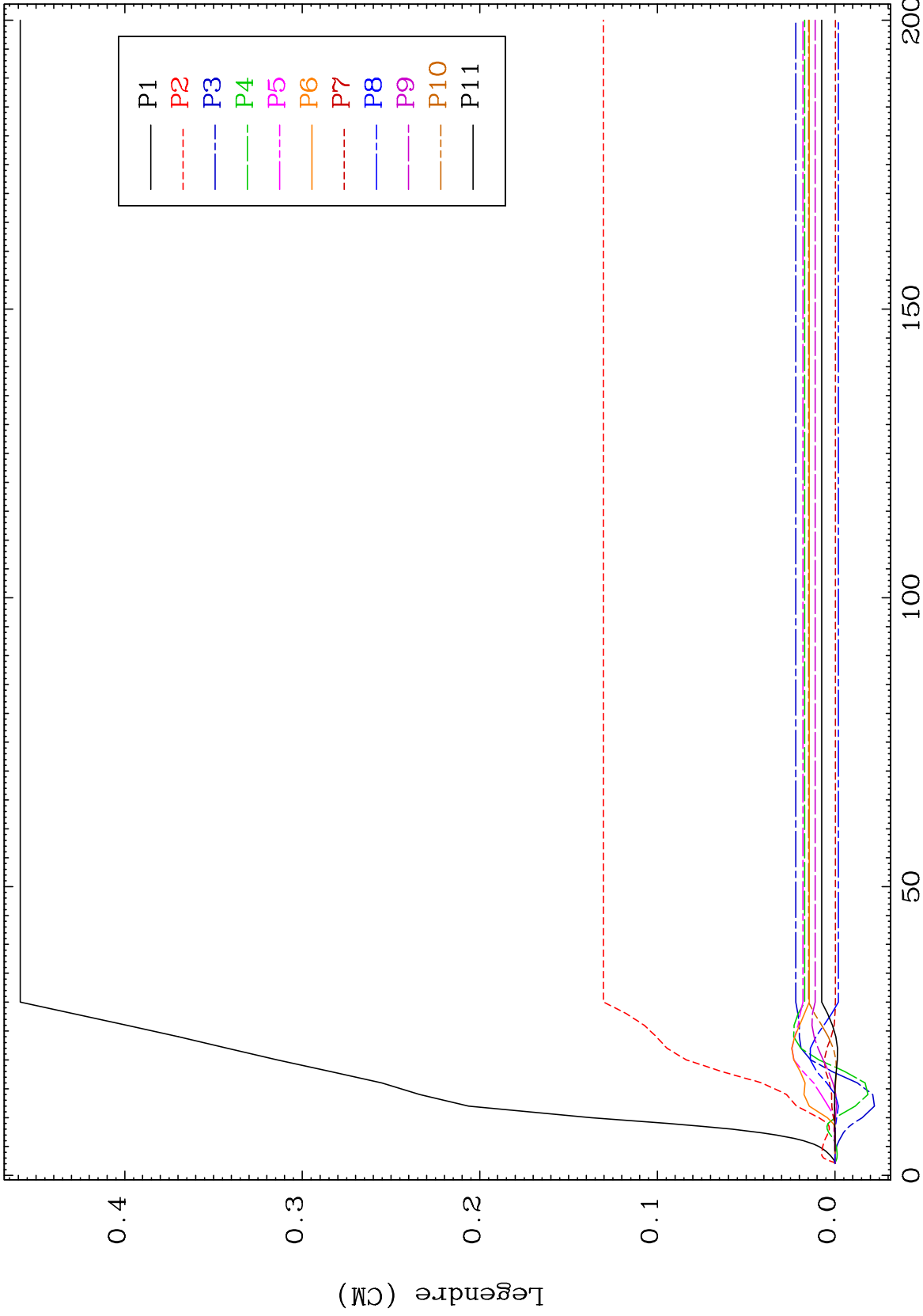
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



39

Incident Energy (MeV)

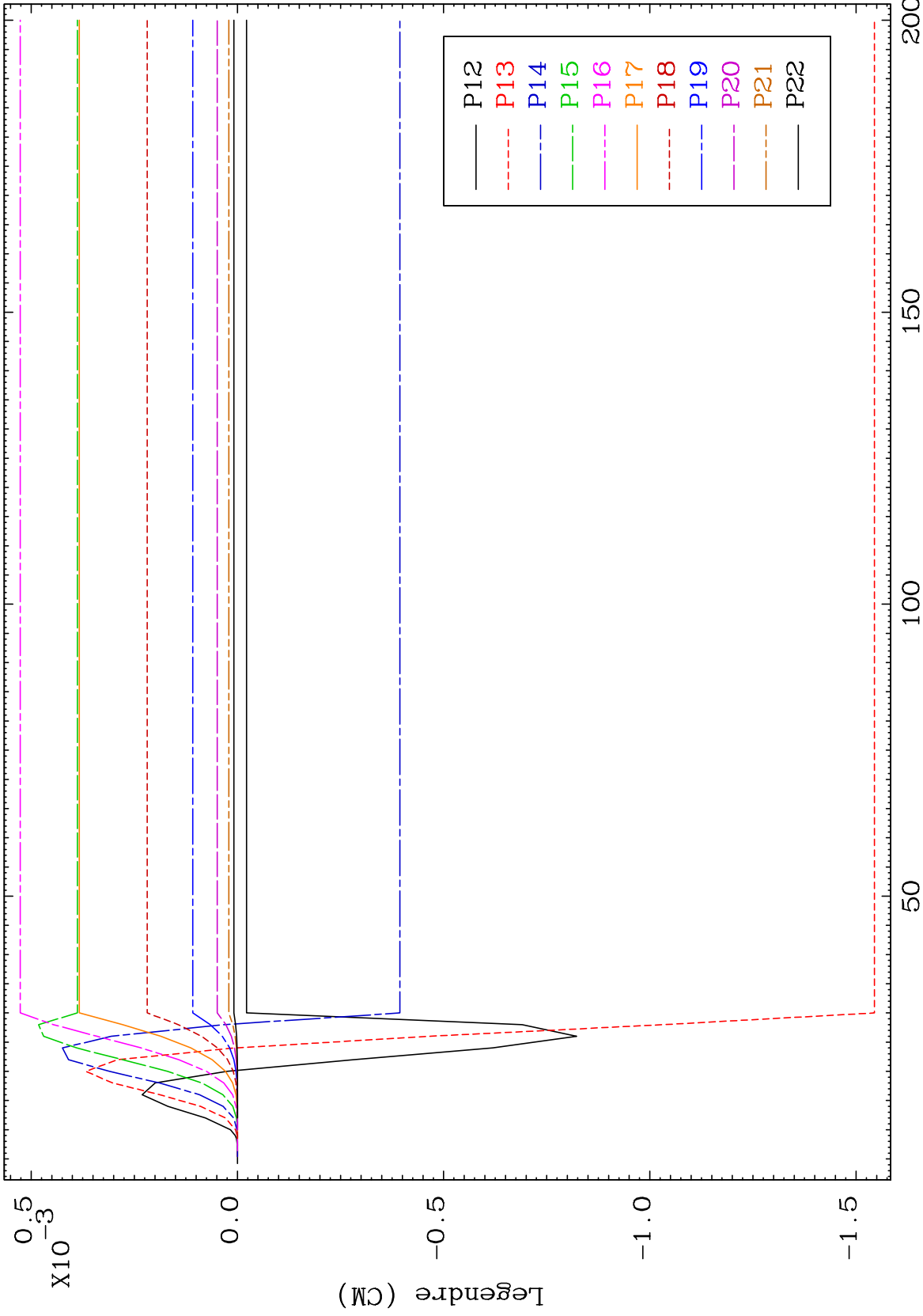
24-Cr-51



MAT 2428

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

24-Cr-51



40

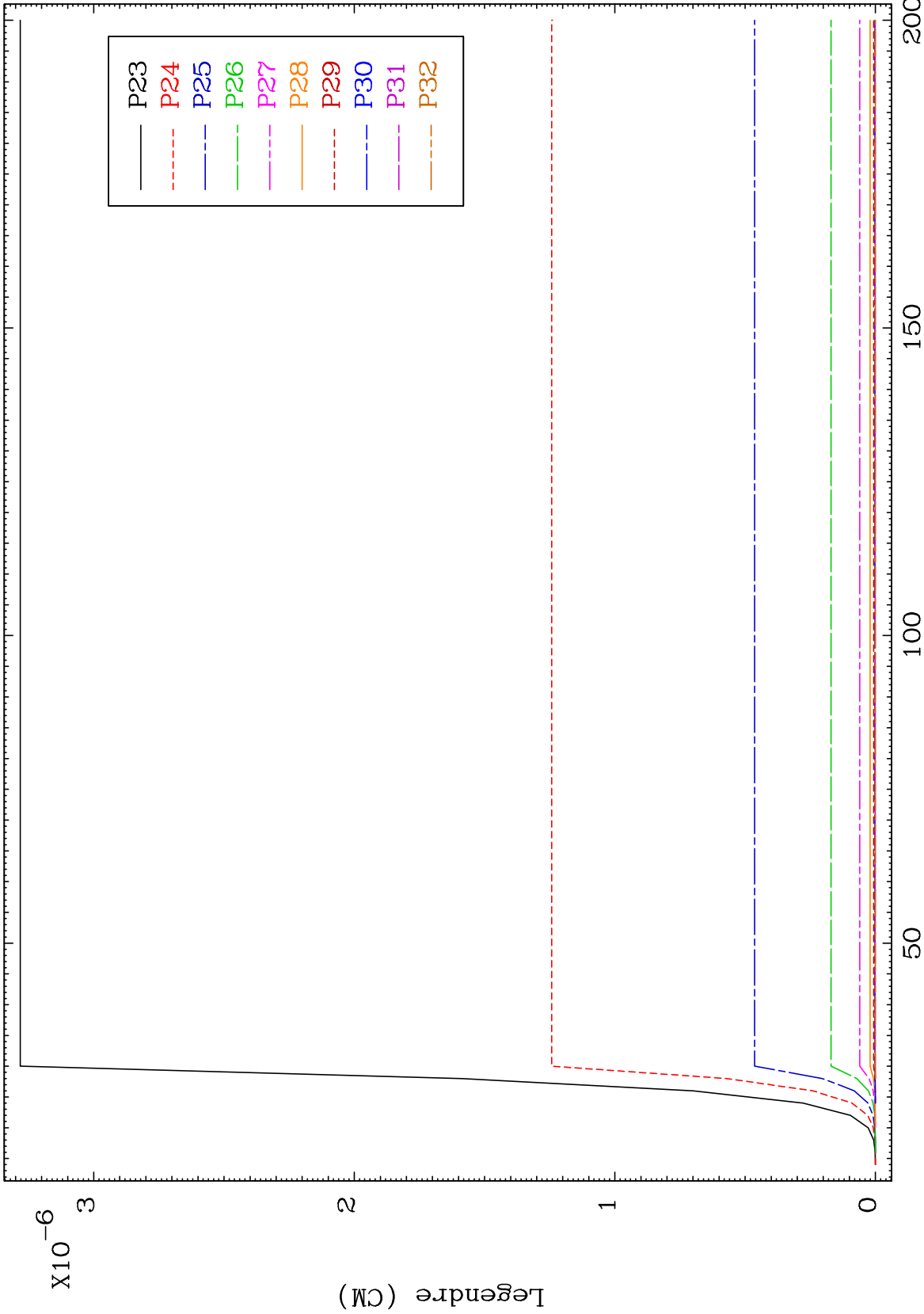
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



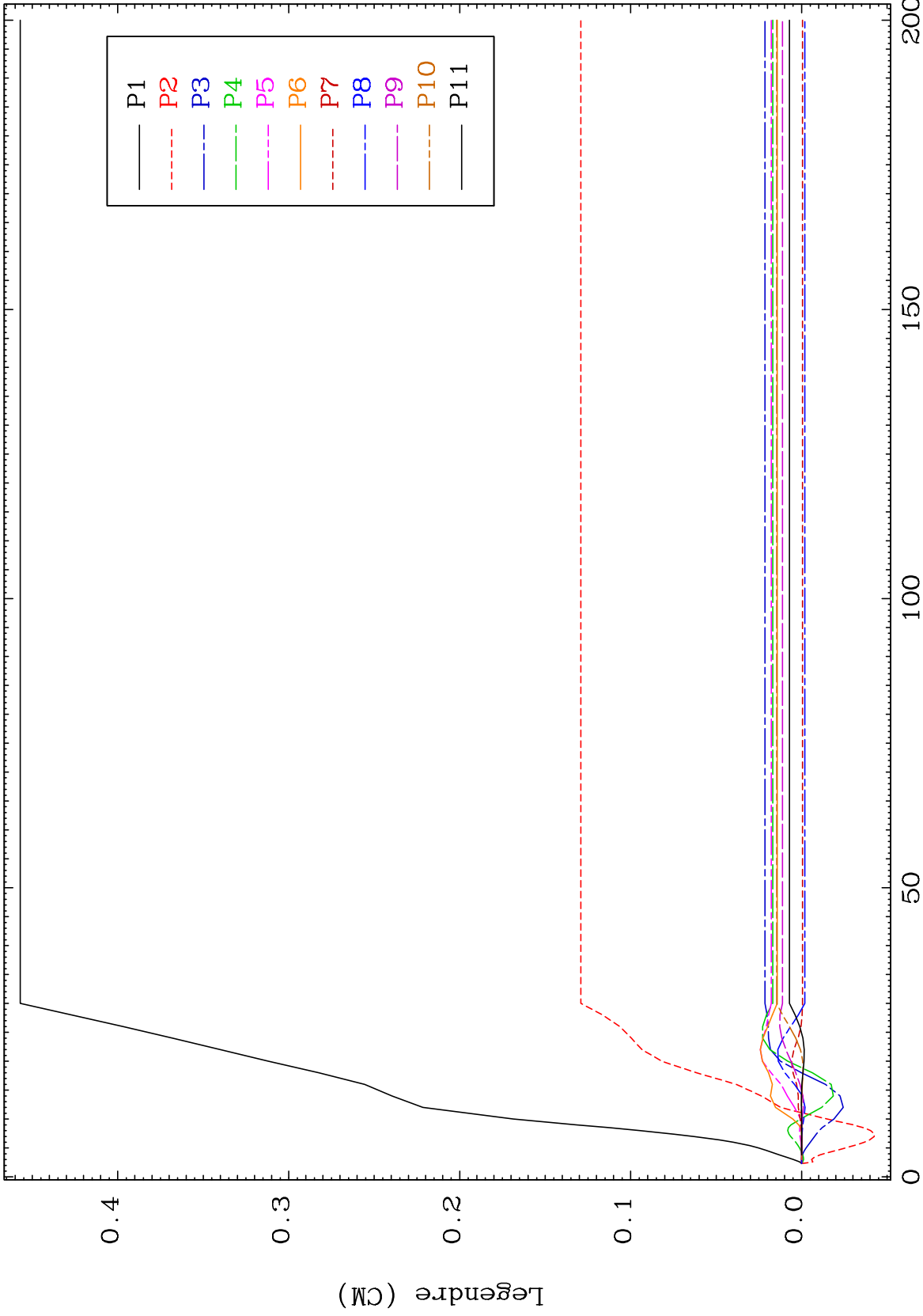
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24-Cr-51

MAT 2428

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

24-Cr-51



42

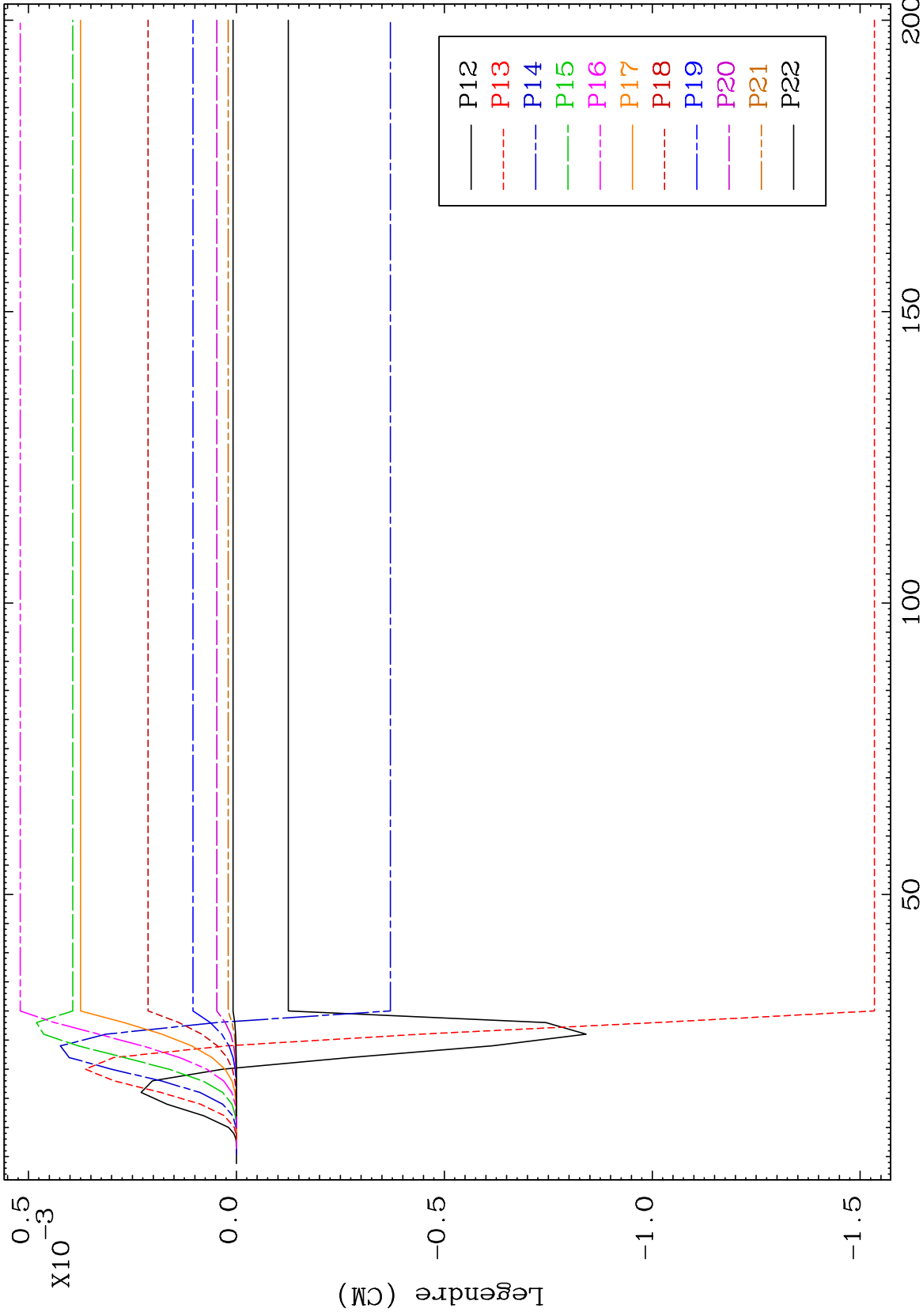
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



43

Incident Energy (MeV)

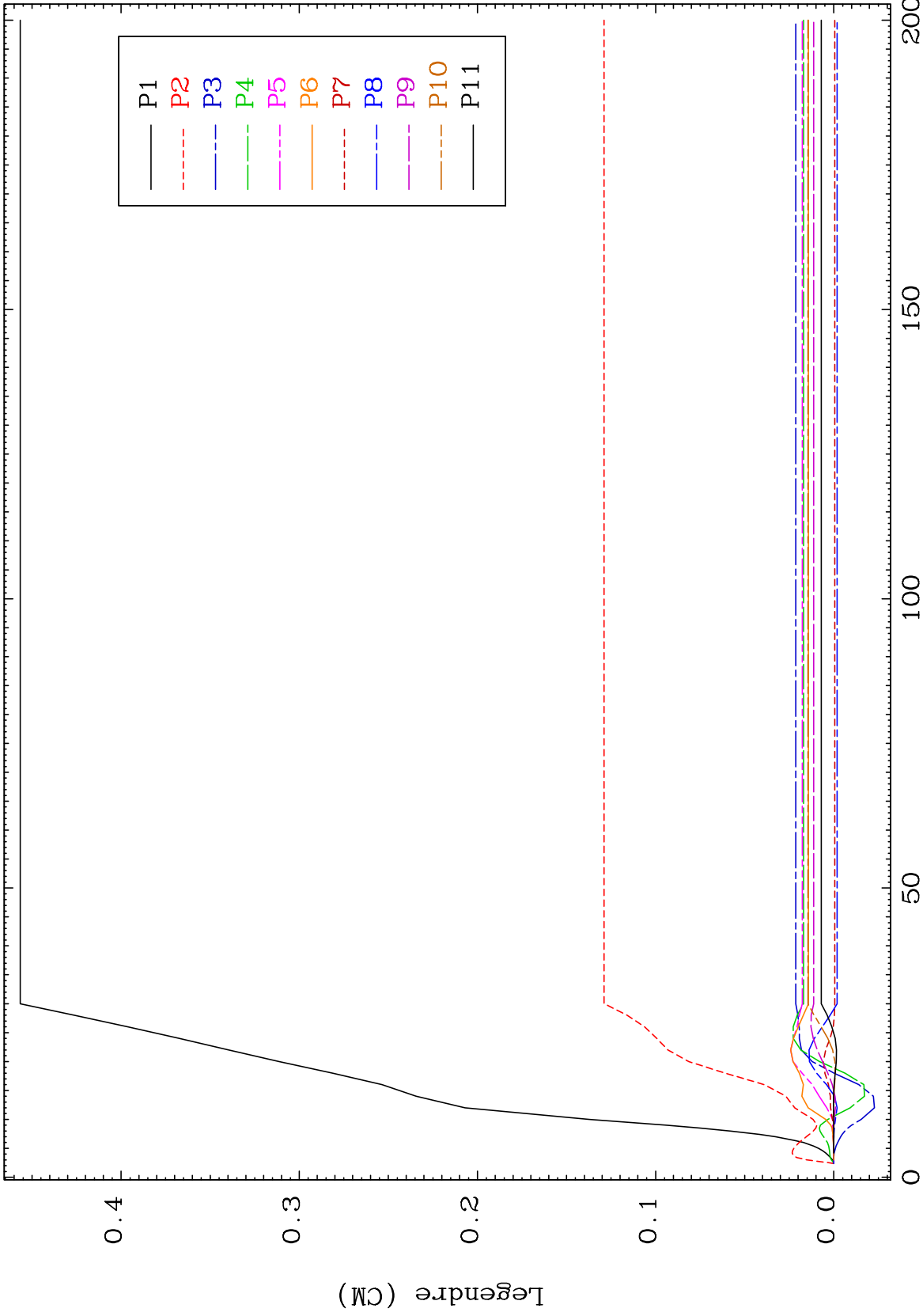
24-Cr-51



MAT 2428

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

24-Cr-51



45

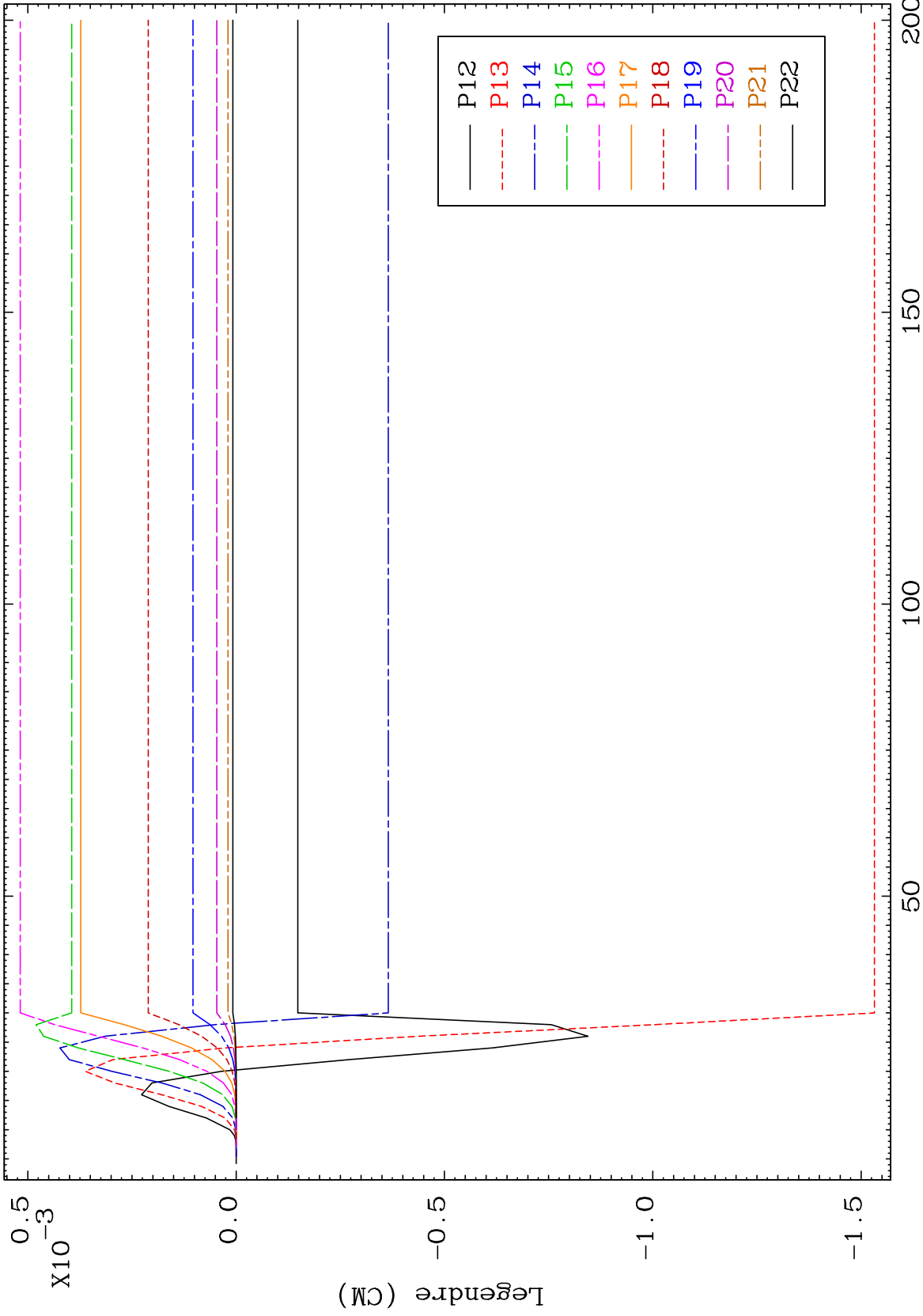
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



46

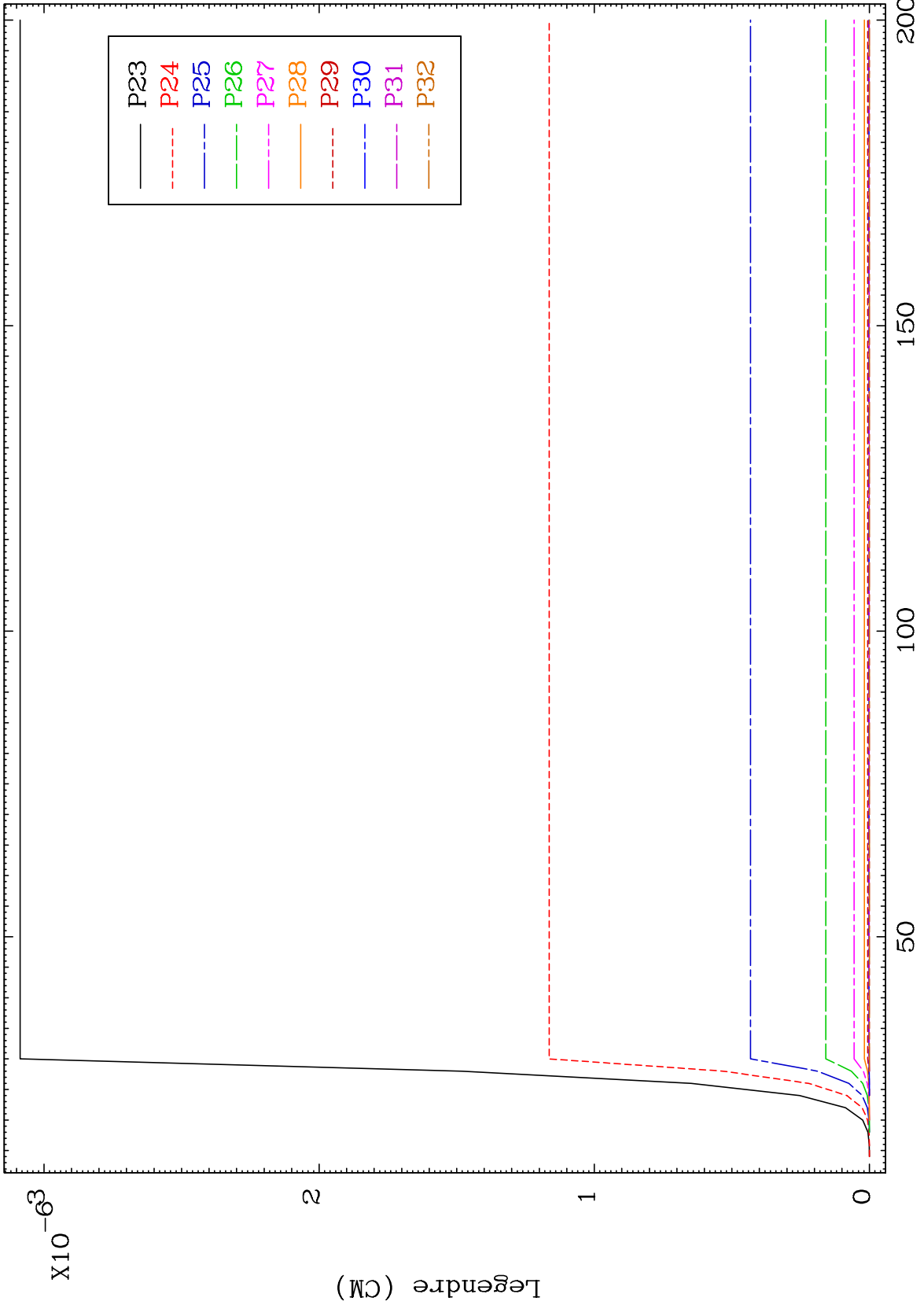
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



47

Incident Energy (MeV)

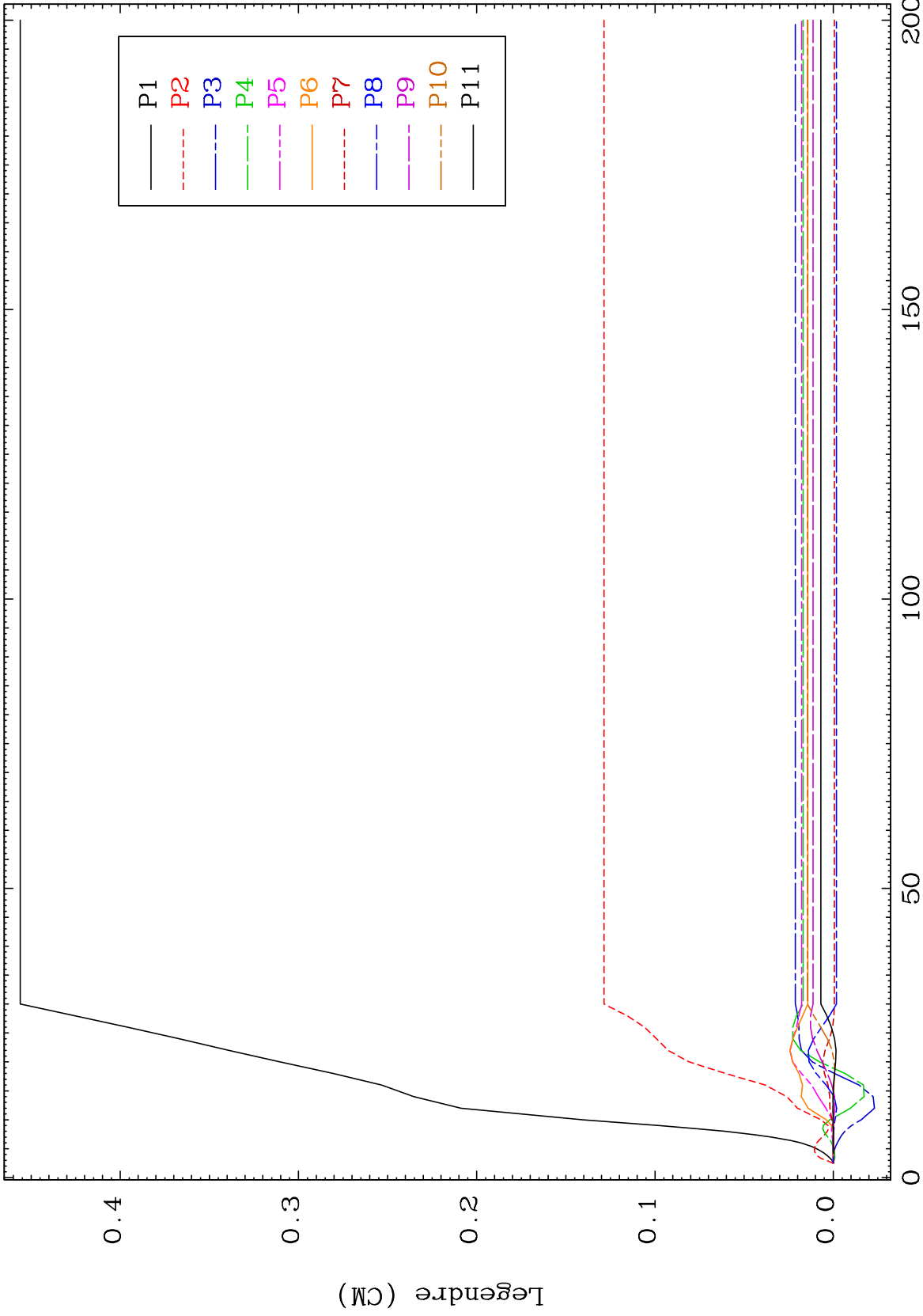
24-Cr-51



MAT 2428

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

24-Cr-51



48

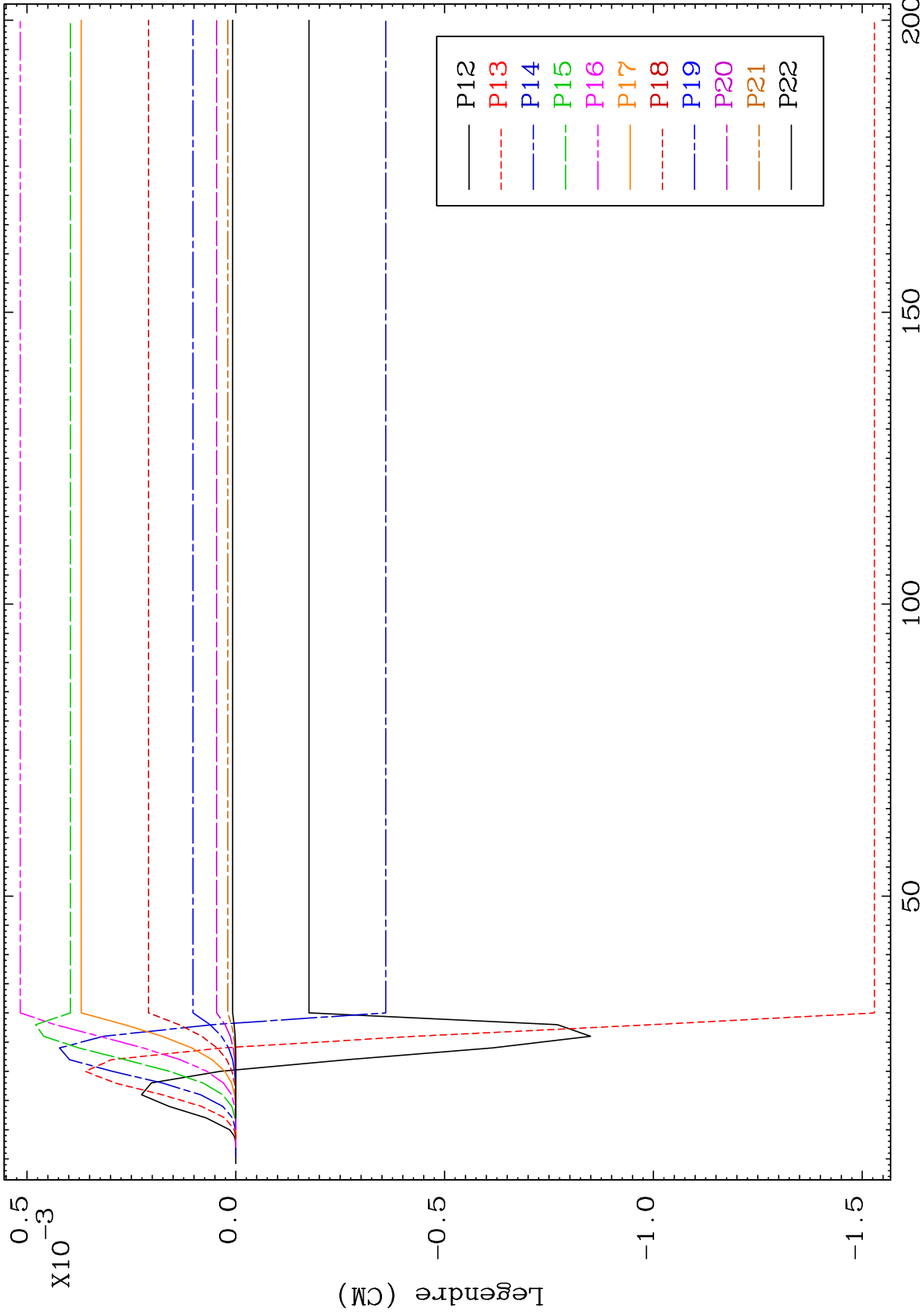
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



49

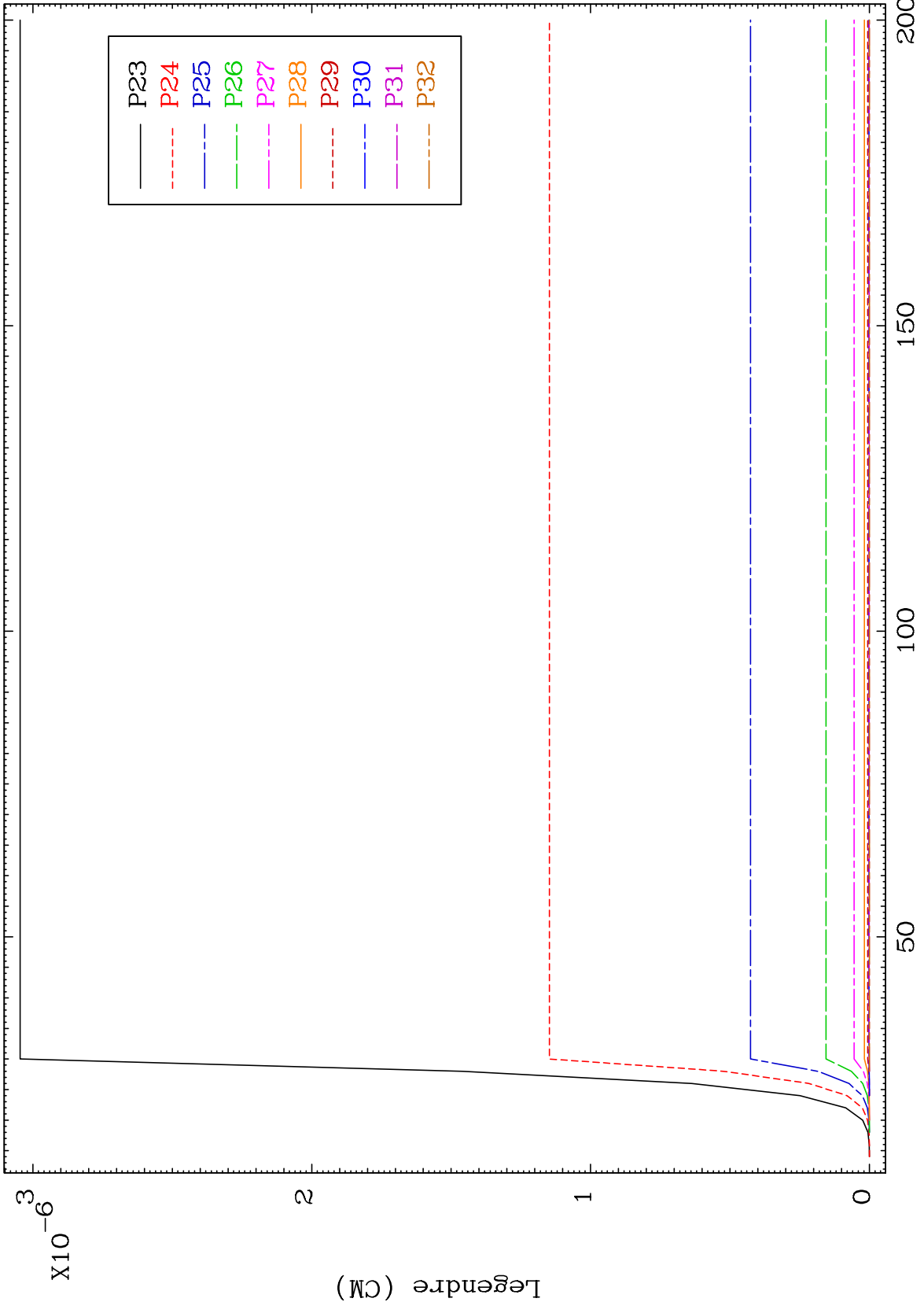
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



50

50

100

150

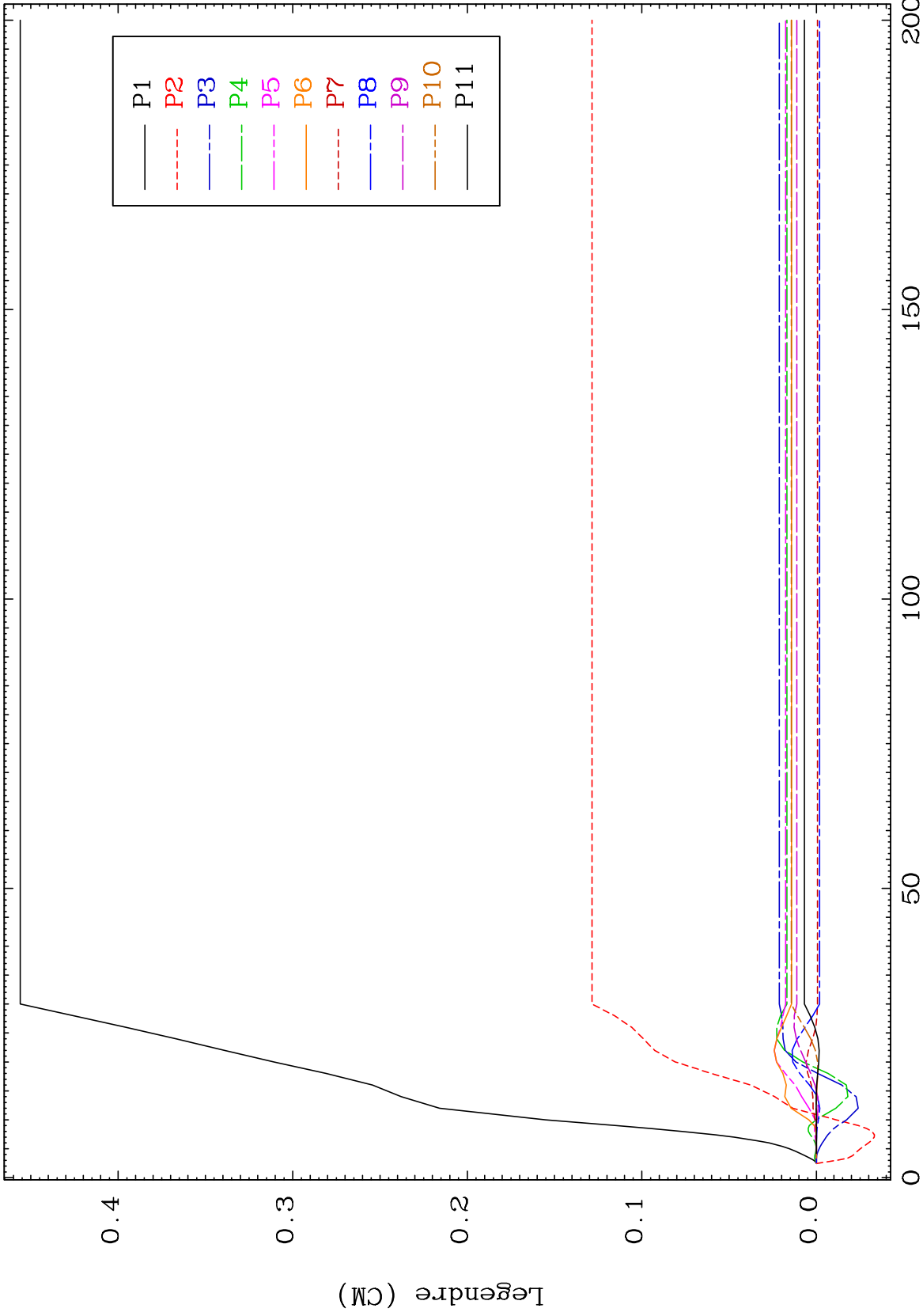
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24-Cr-51

MAT 2428

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

24-Cr-51



51

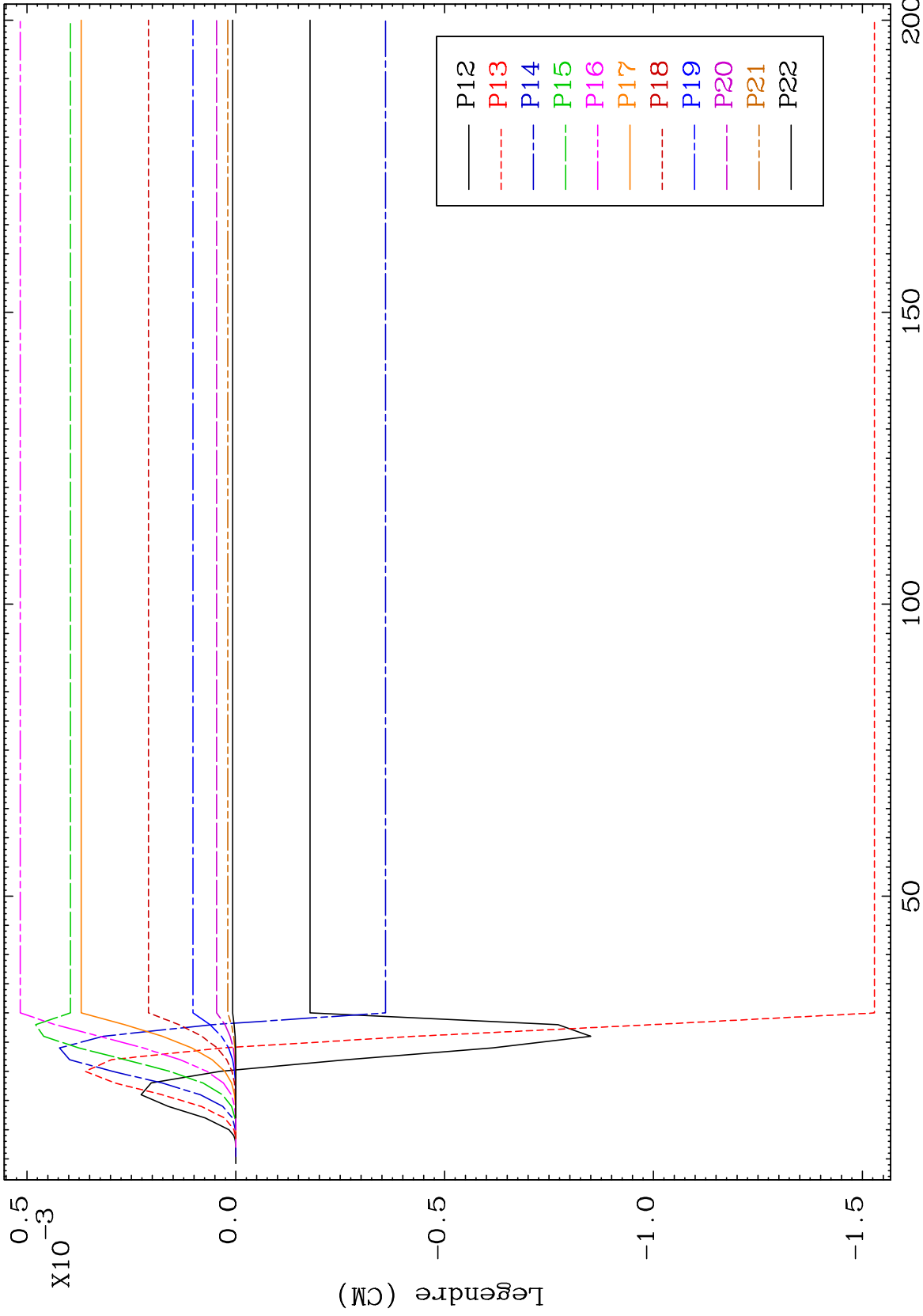
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



52

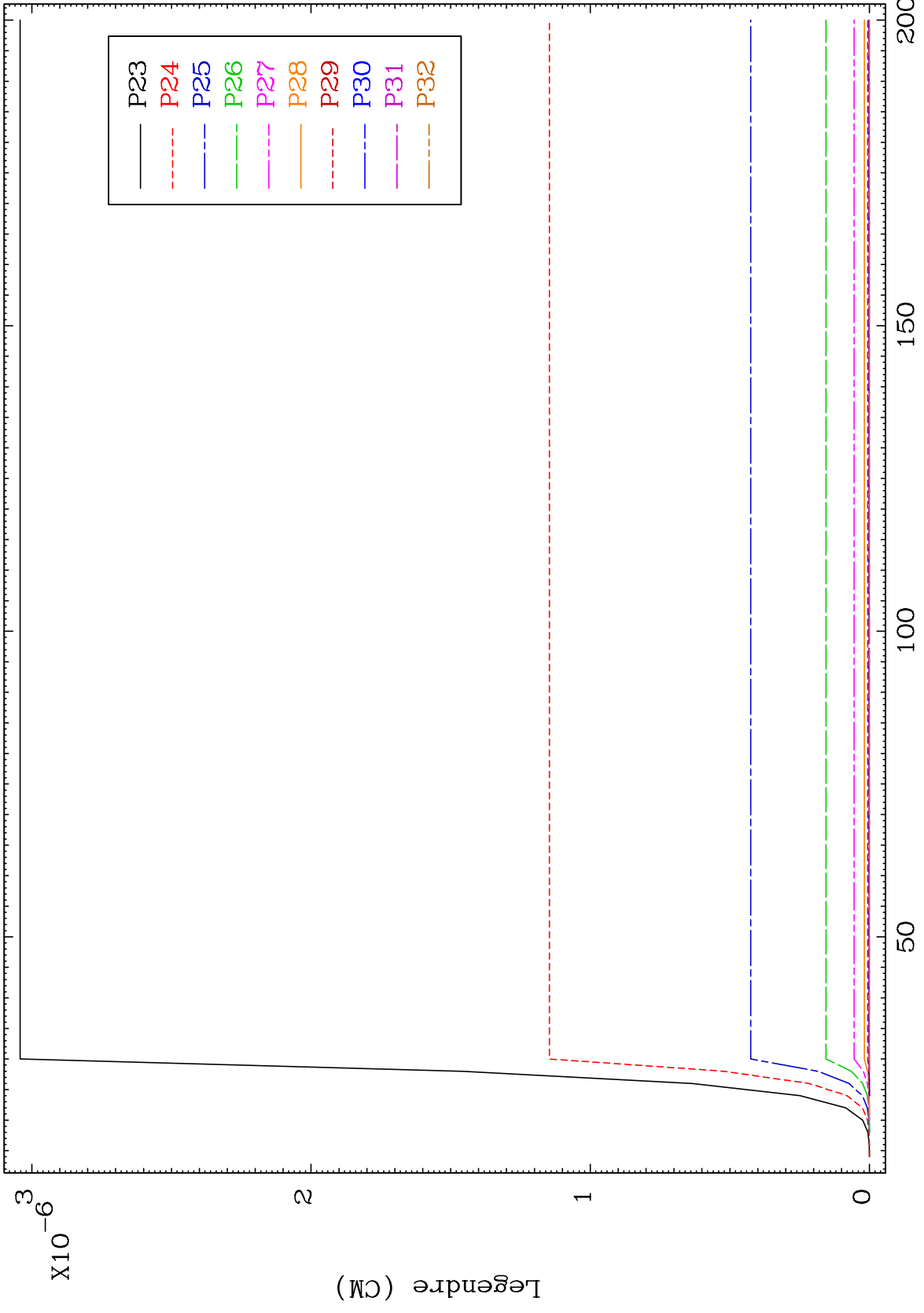
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



53

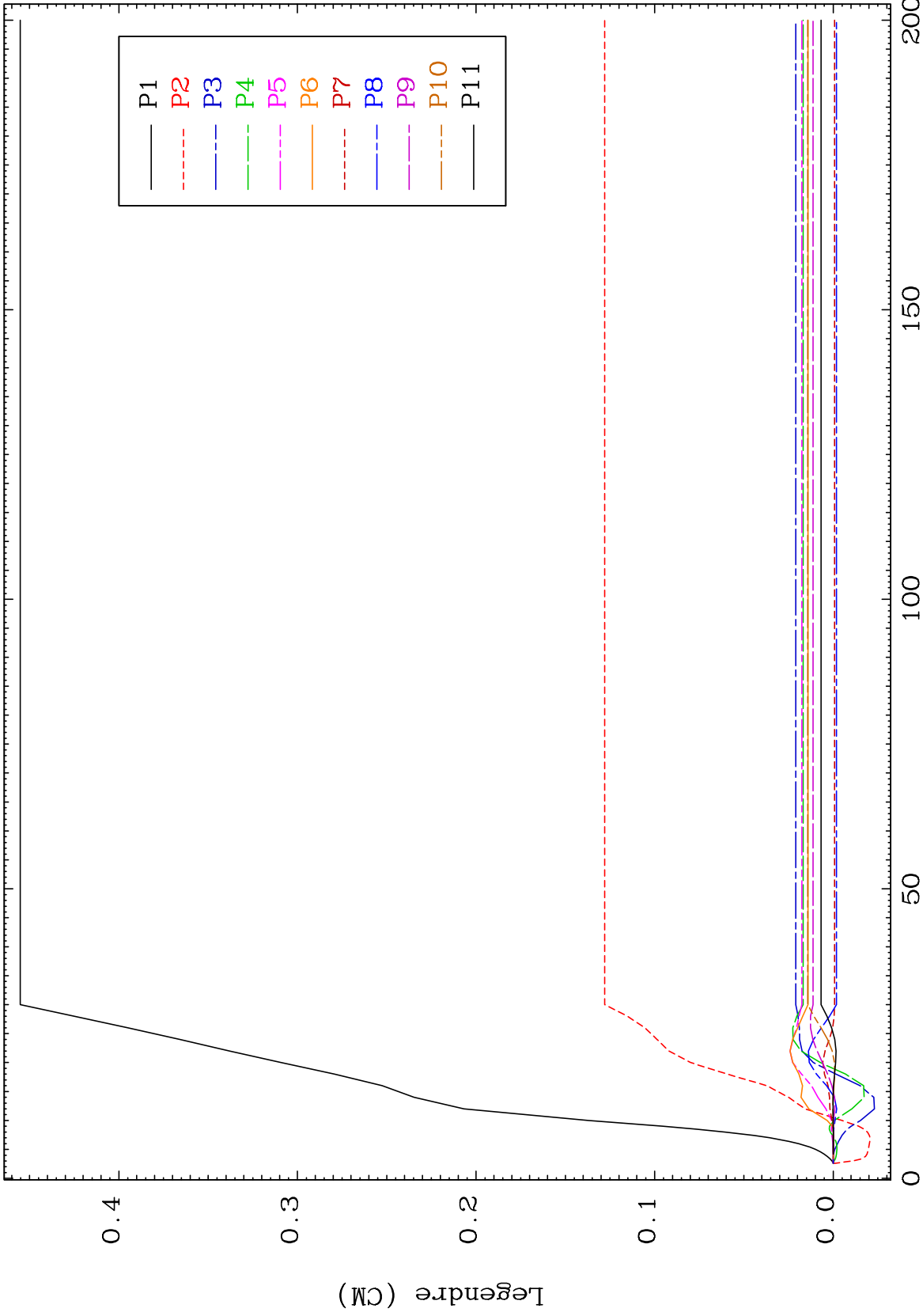
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



54

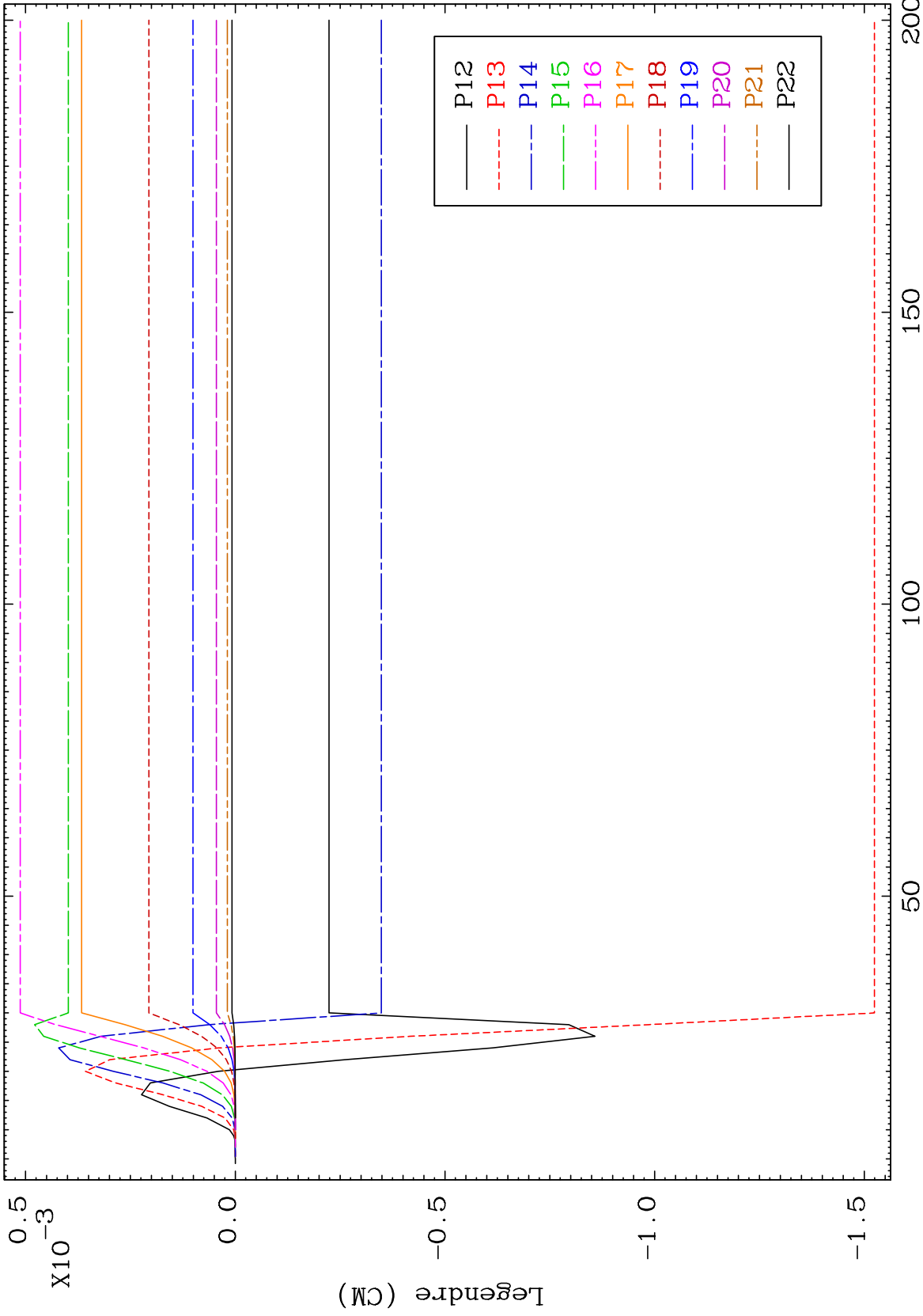
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



55

Incident Energy (MeV)

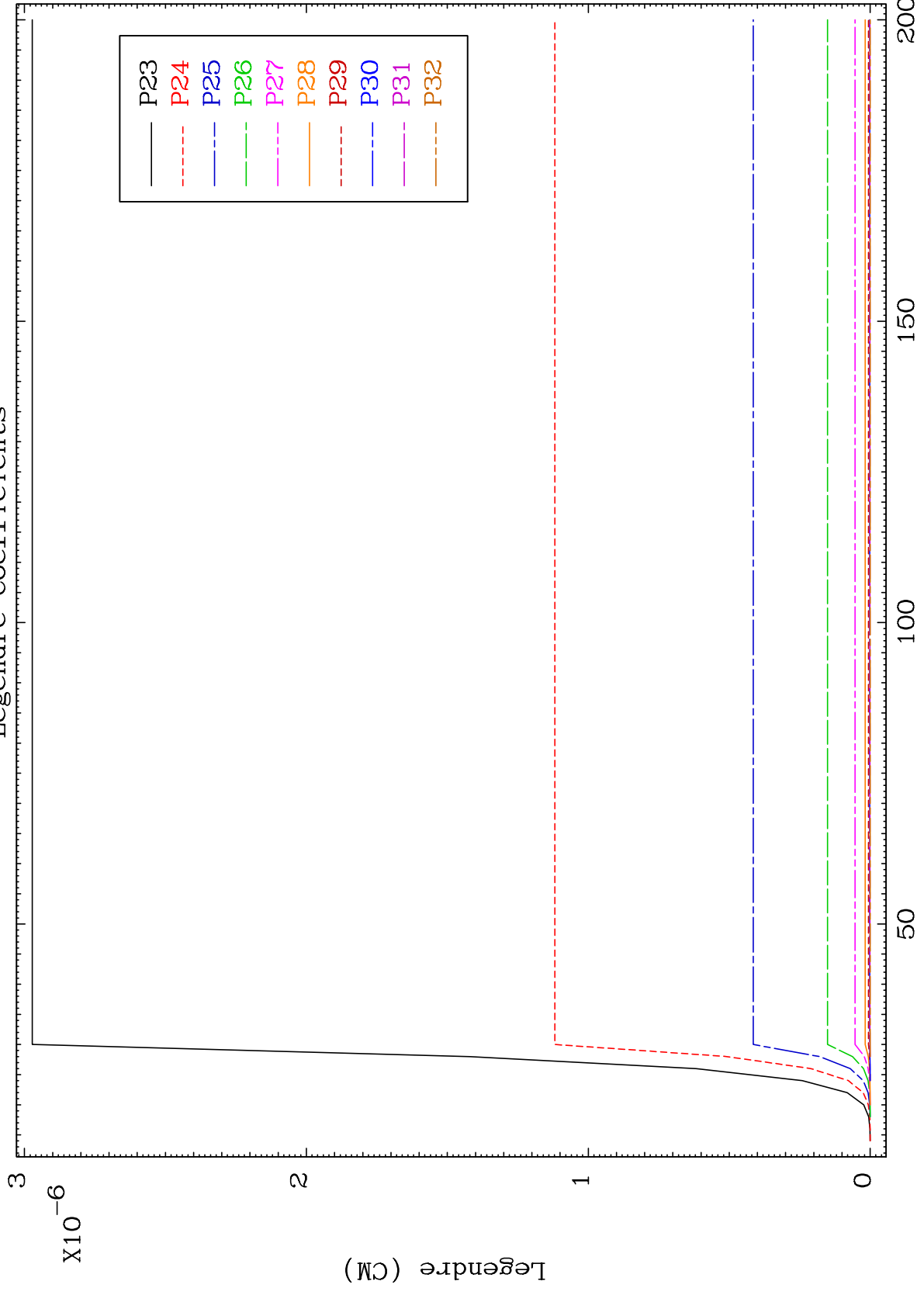
24-Cr-51



MAT 2428

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

24-Cr-51



56

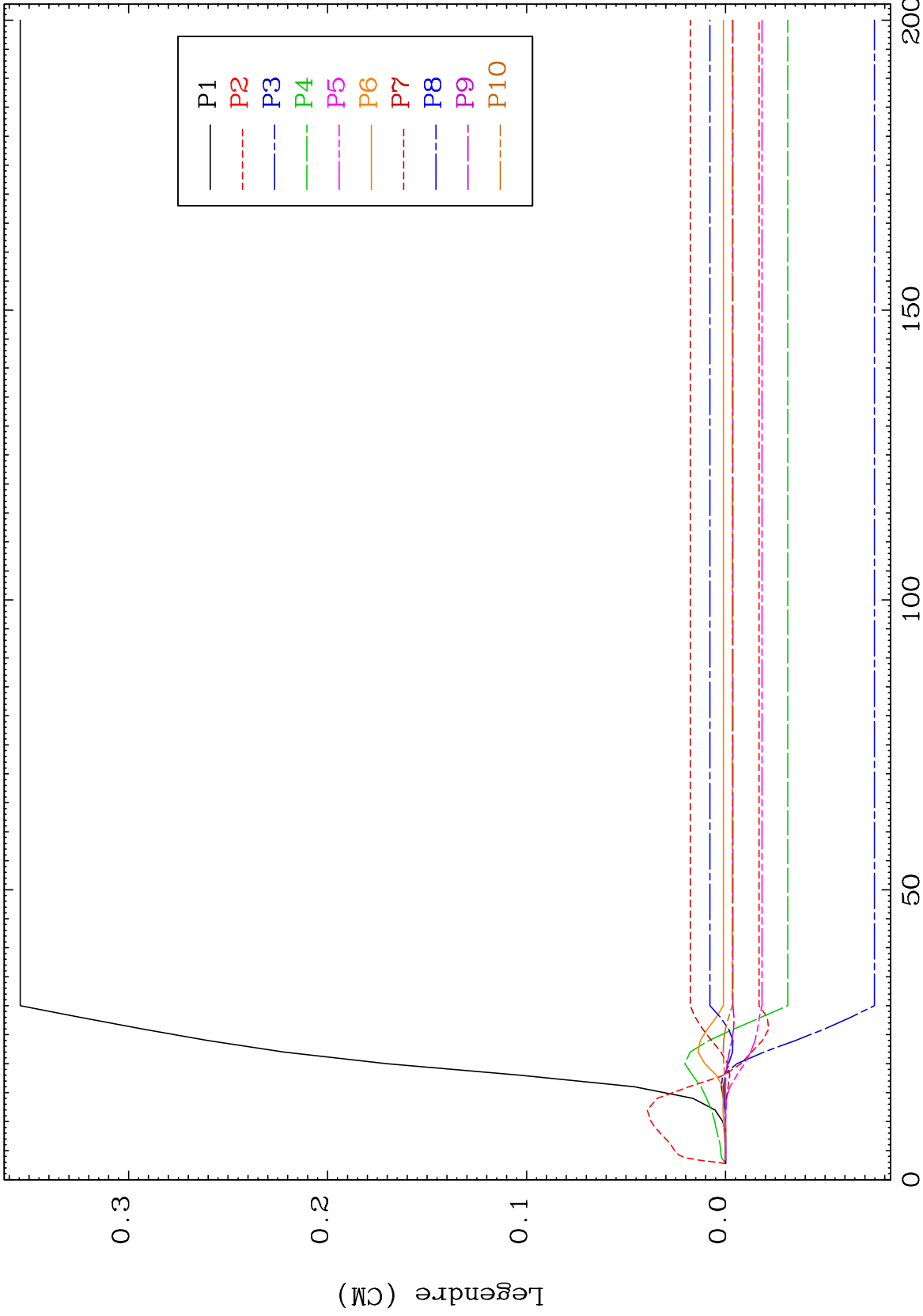
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51

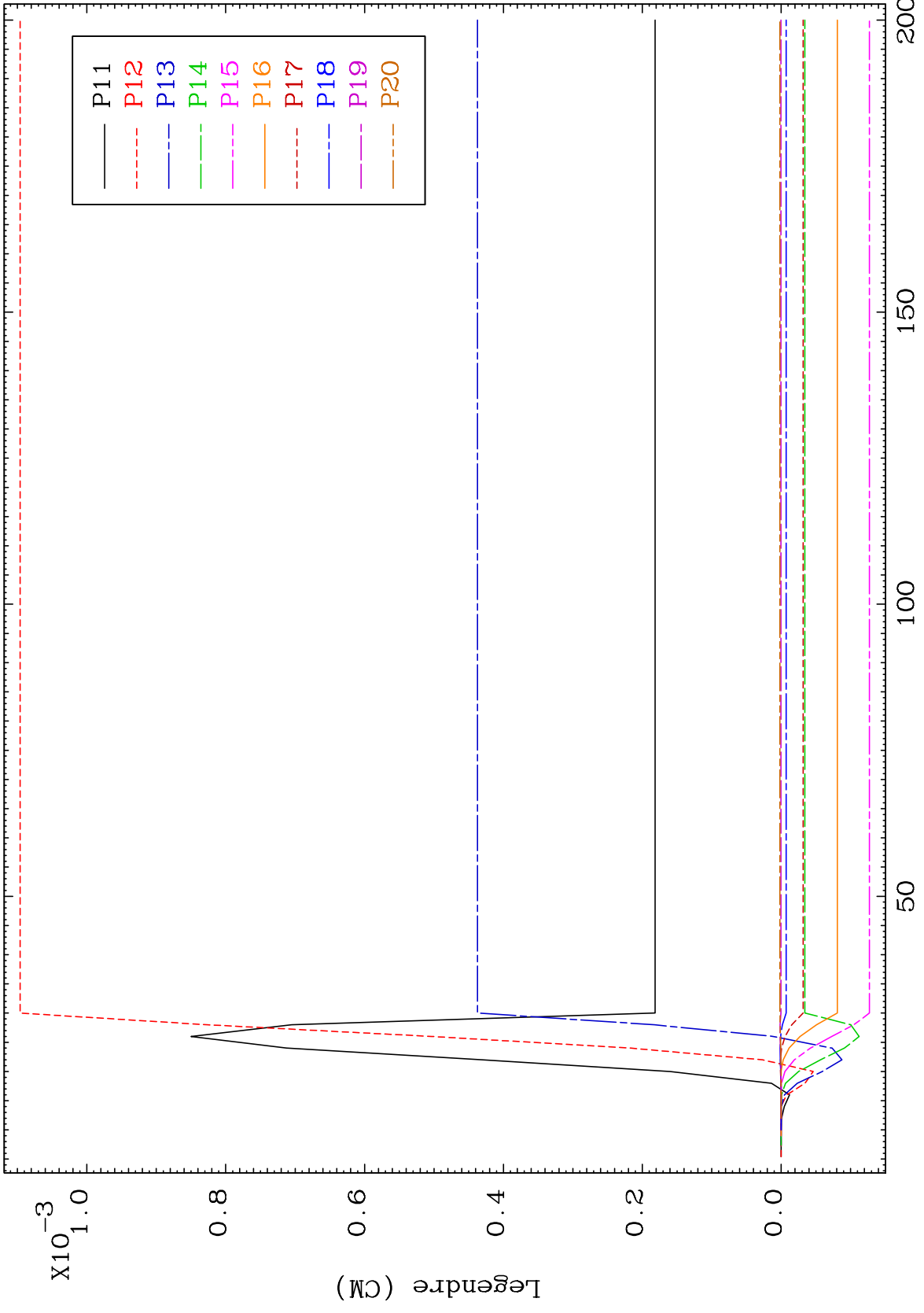


57

Incident Energy (MeV)

24-Cr-51

MAT 2428 MT= 64 (n,n') Level Legendre Coefficients 24-Cr-51

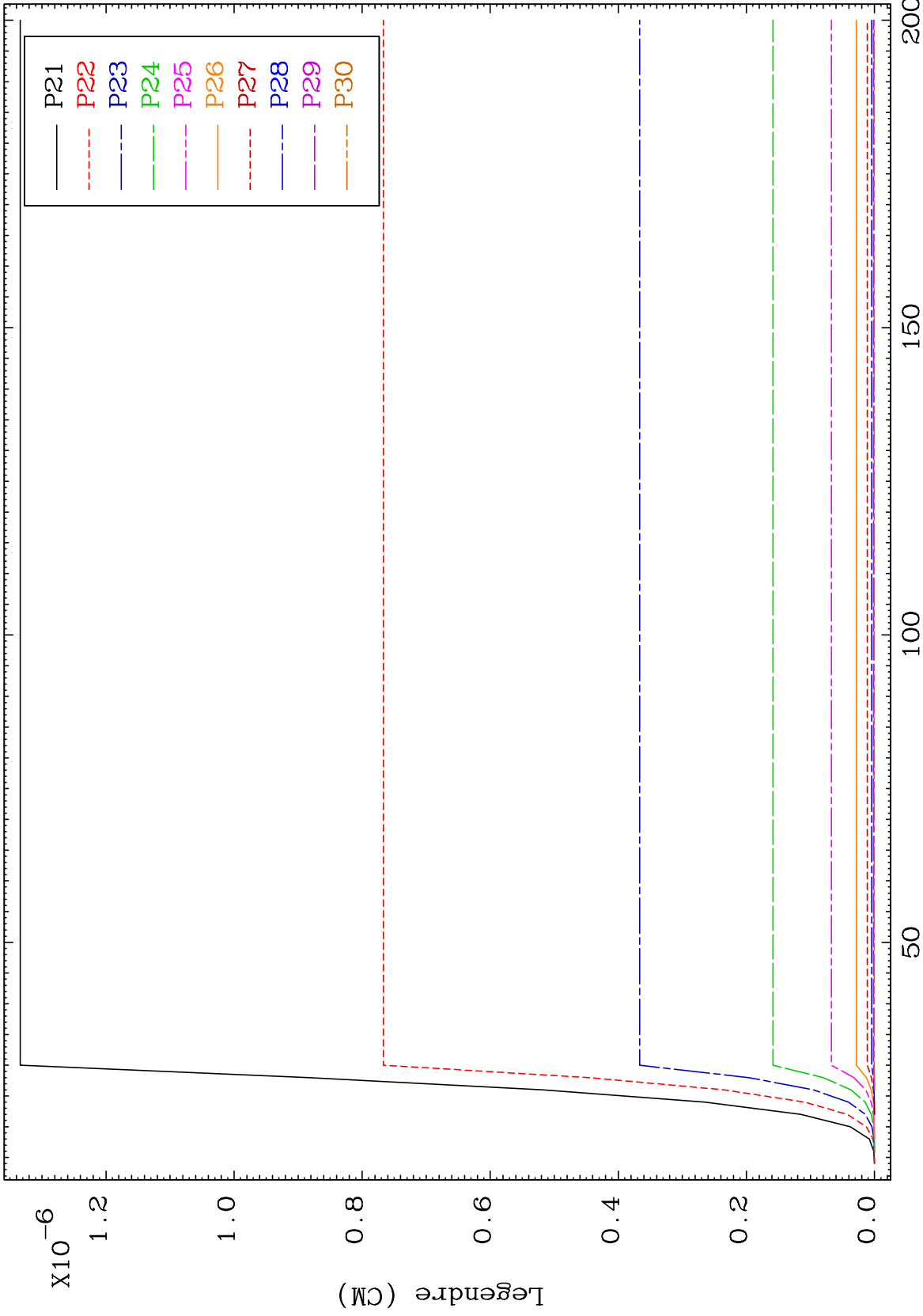


58 Incident Energy (MeV) 24-Cr-51

MAT 2428

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

24-Cr-51



59

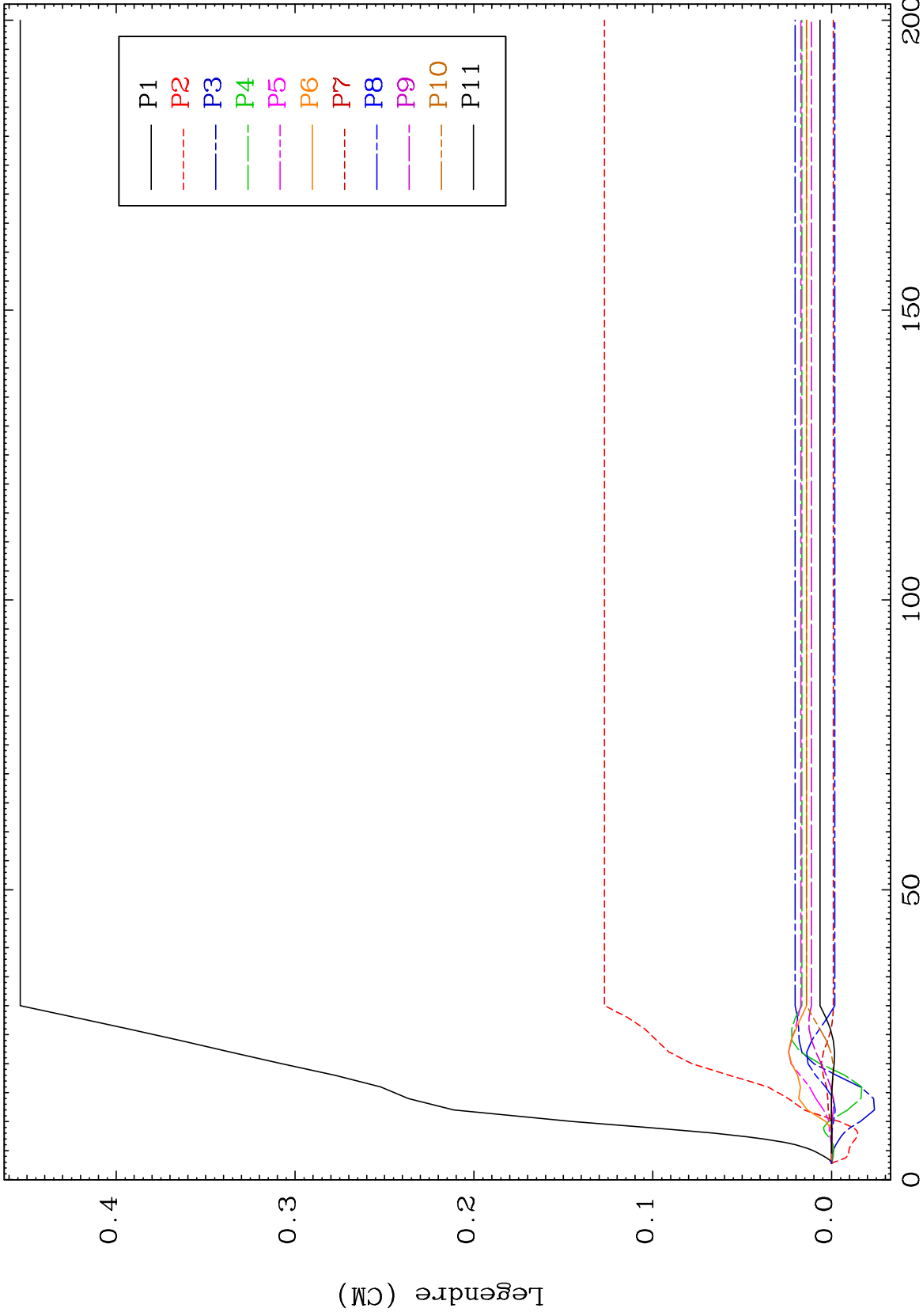
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



24-Cr-51

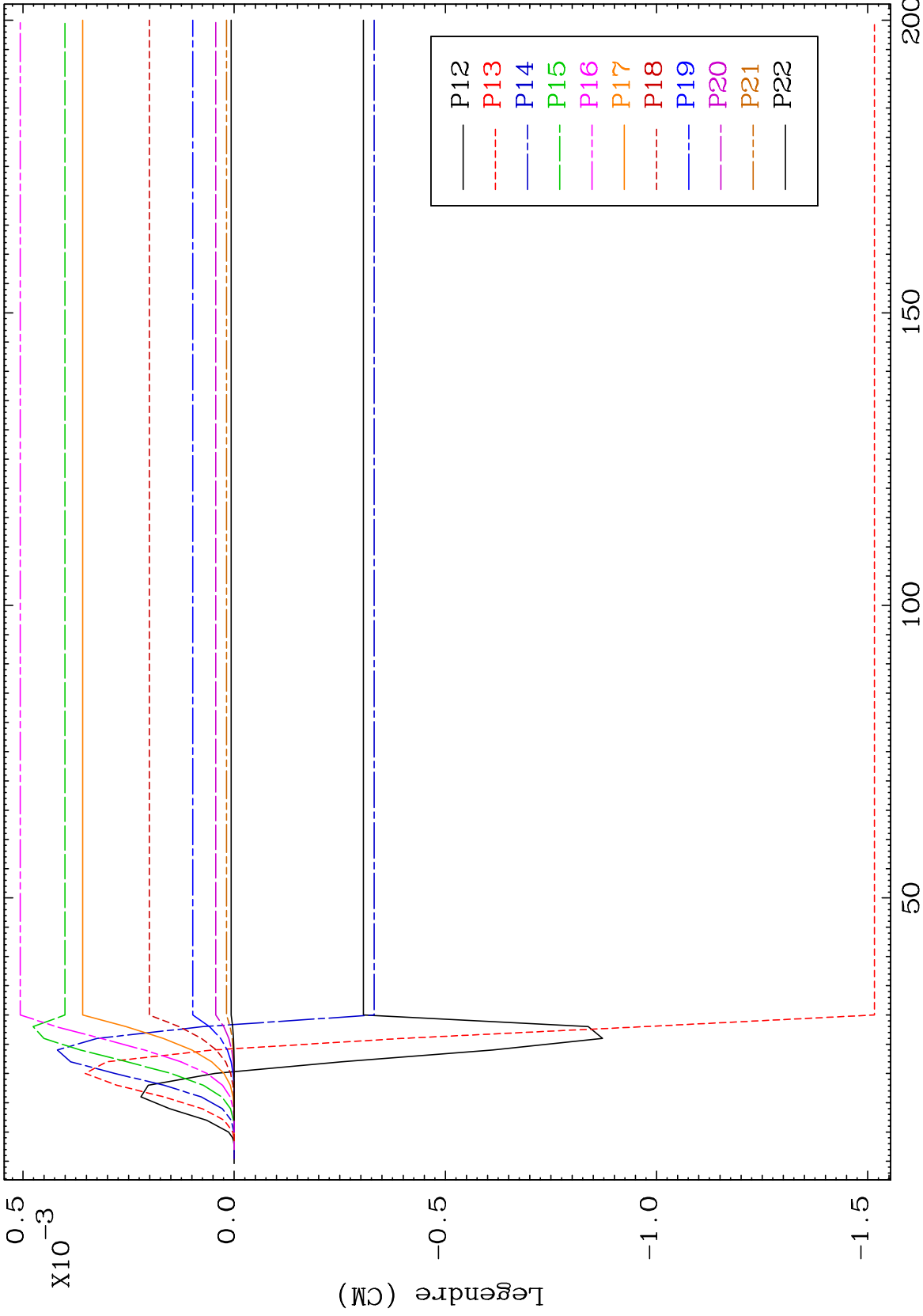
Incident Energy (MeV)

60

MAT 2428

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

24-Cr-51



61

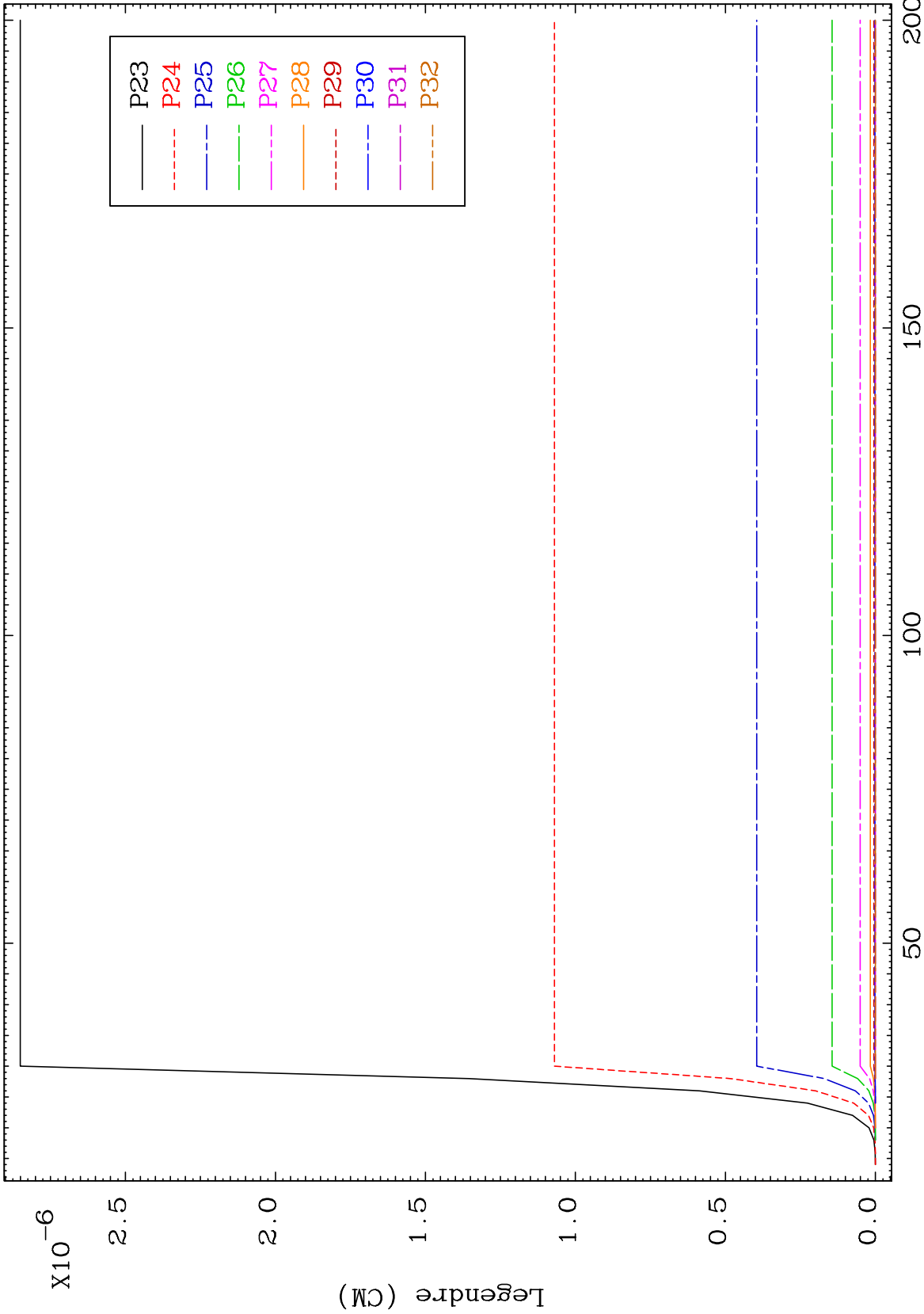
Incident Energy (MeV)

24-Cr-51

MAT 2428

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

24-Cr-51



62

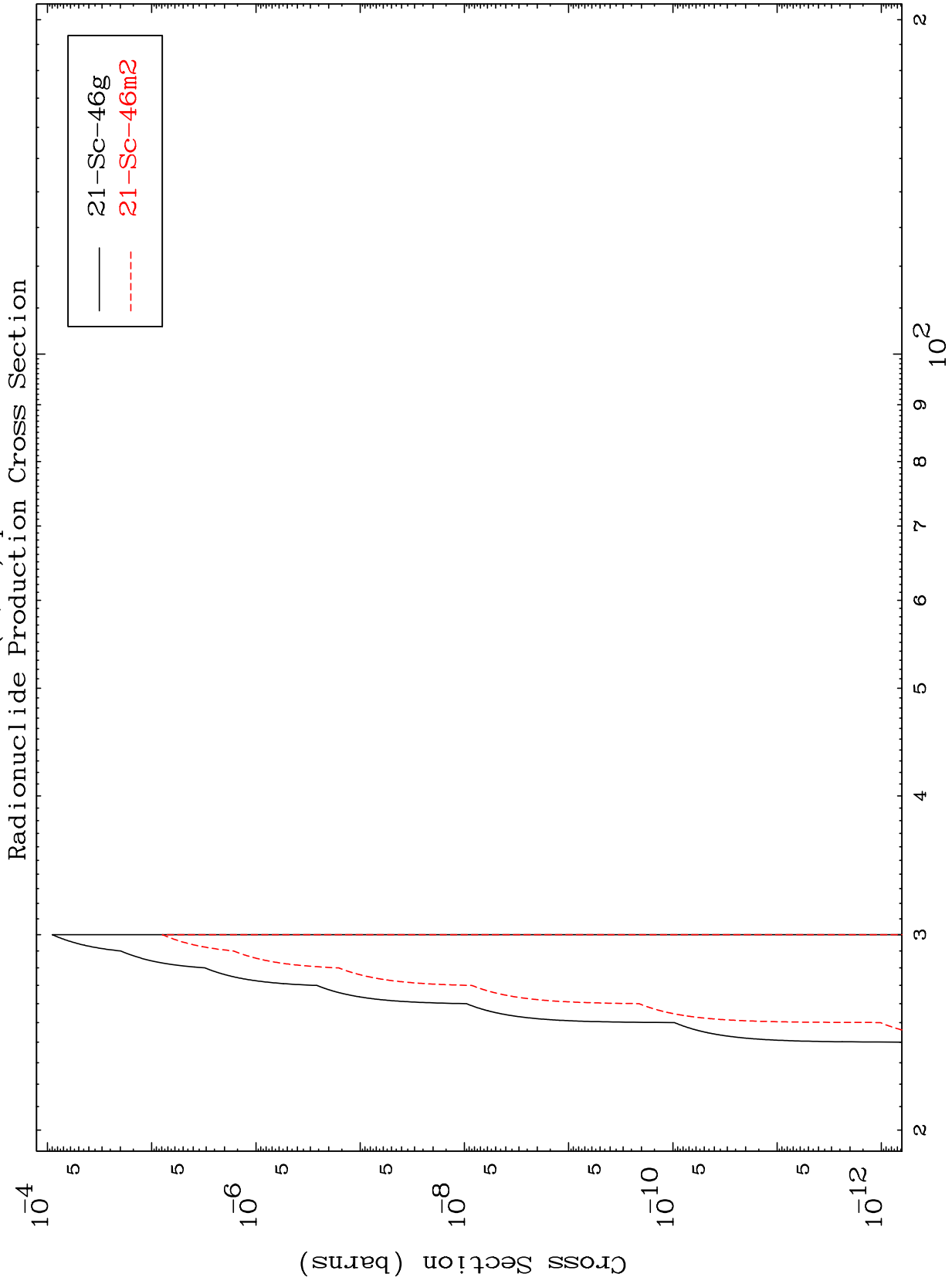
Incident Energy (MeV)

24-Cr-51

MAT 2428

(n,n') p  $\alpha$

24-Cr-51



63

24-Cr-51

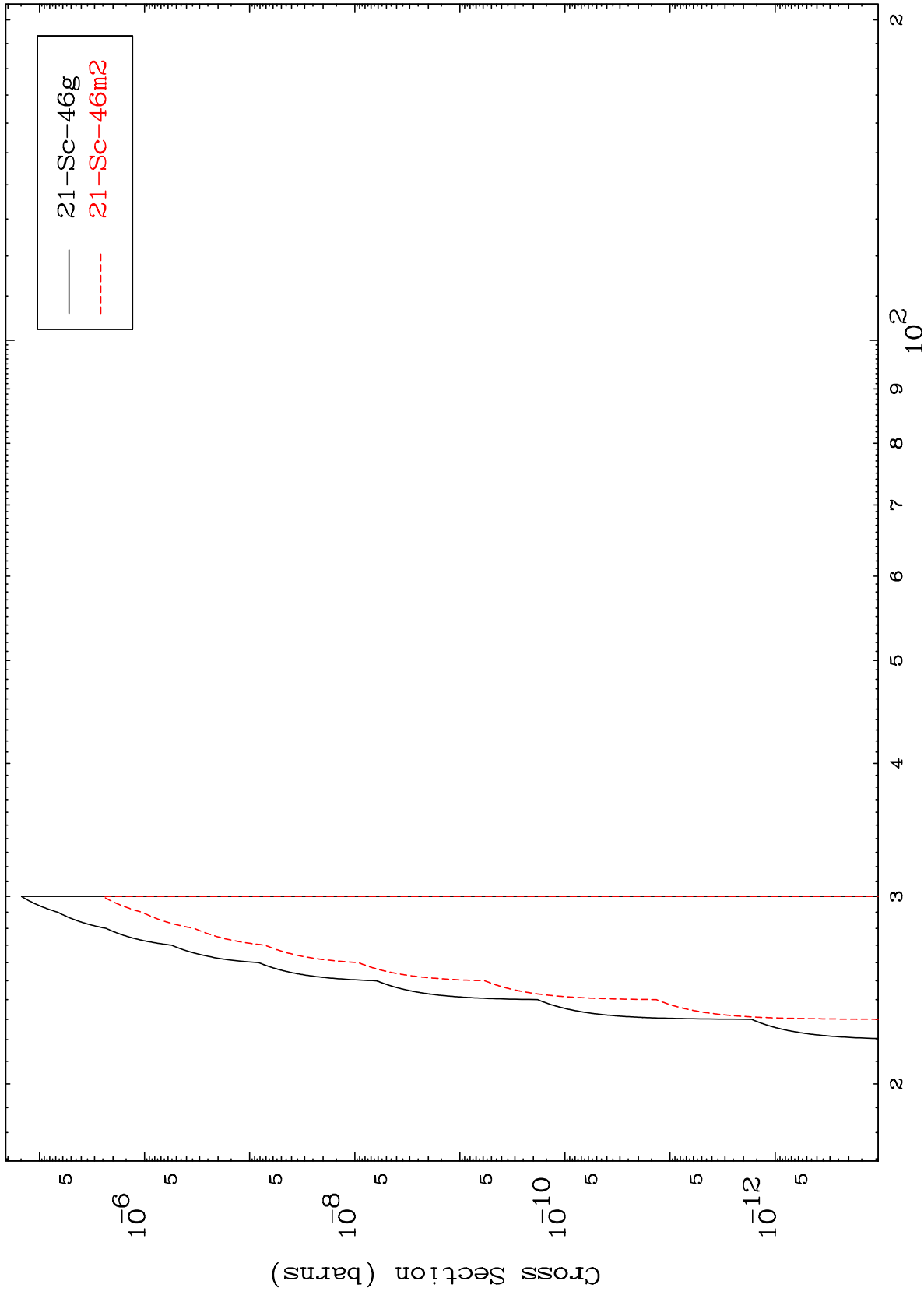


MAT 2428

(n,d)  $\alpha$

<sup>24</sup>Cr-51

Radionuclide Production Cross Section



64

Incident Energy (MeV)

<sup>24</sup>Cr-51