

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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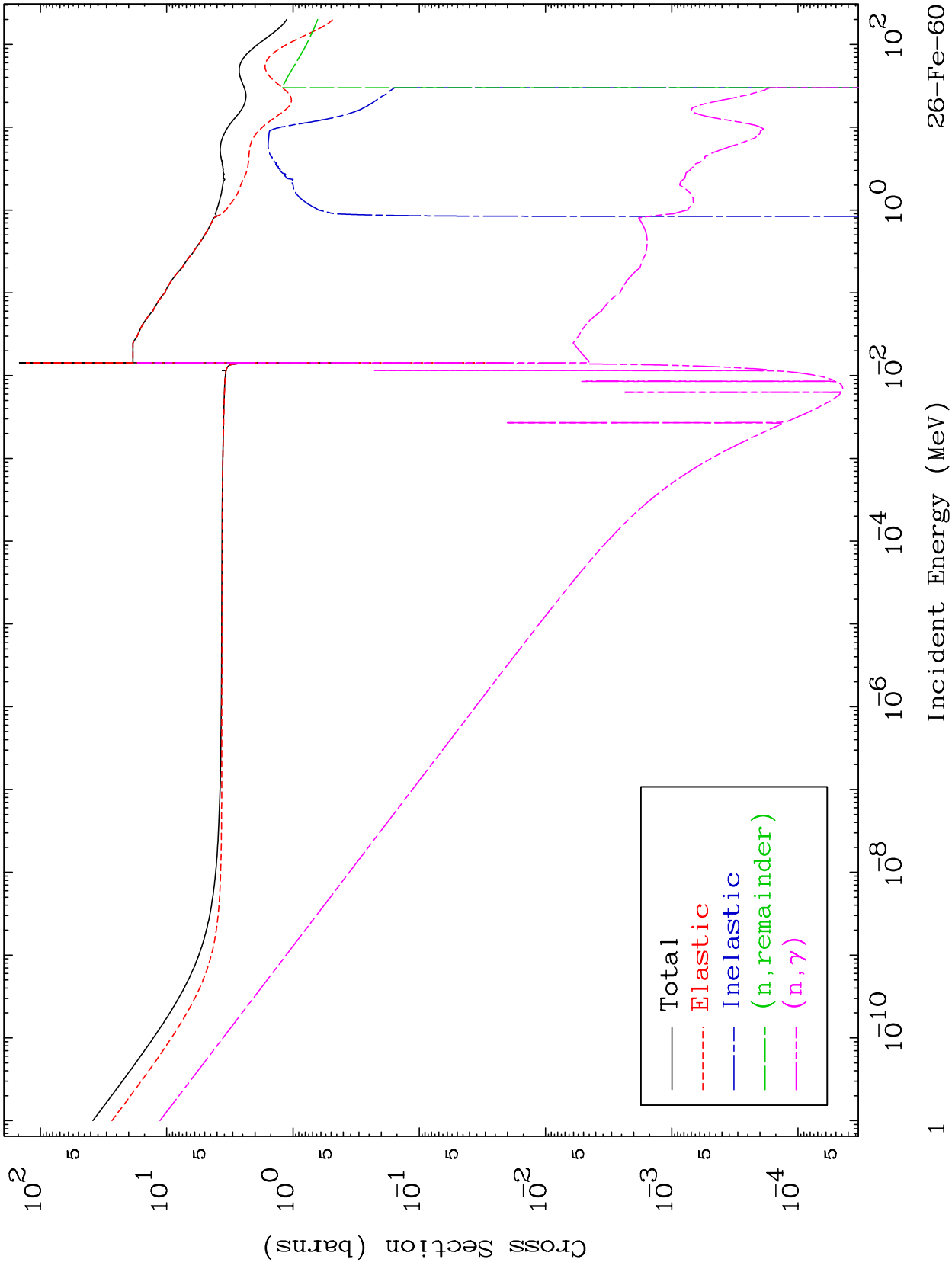
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2643

Major  
293 Kelvin Cross Sections

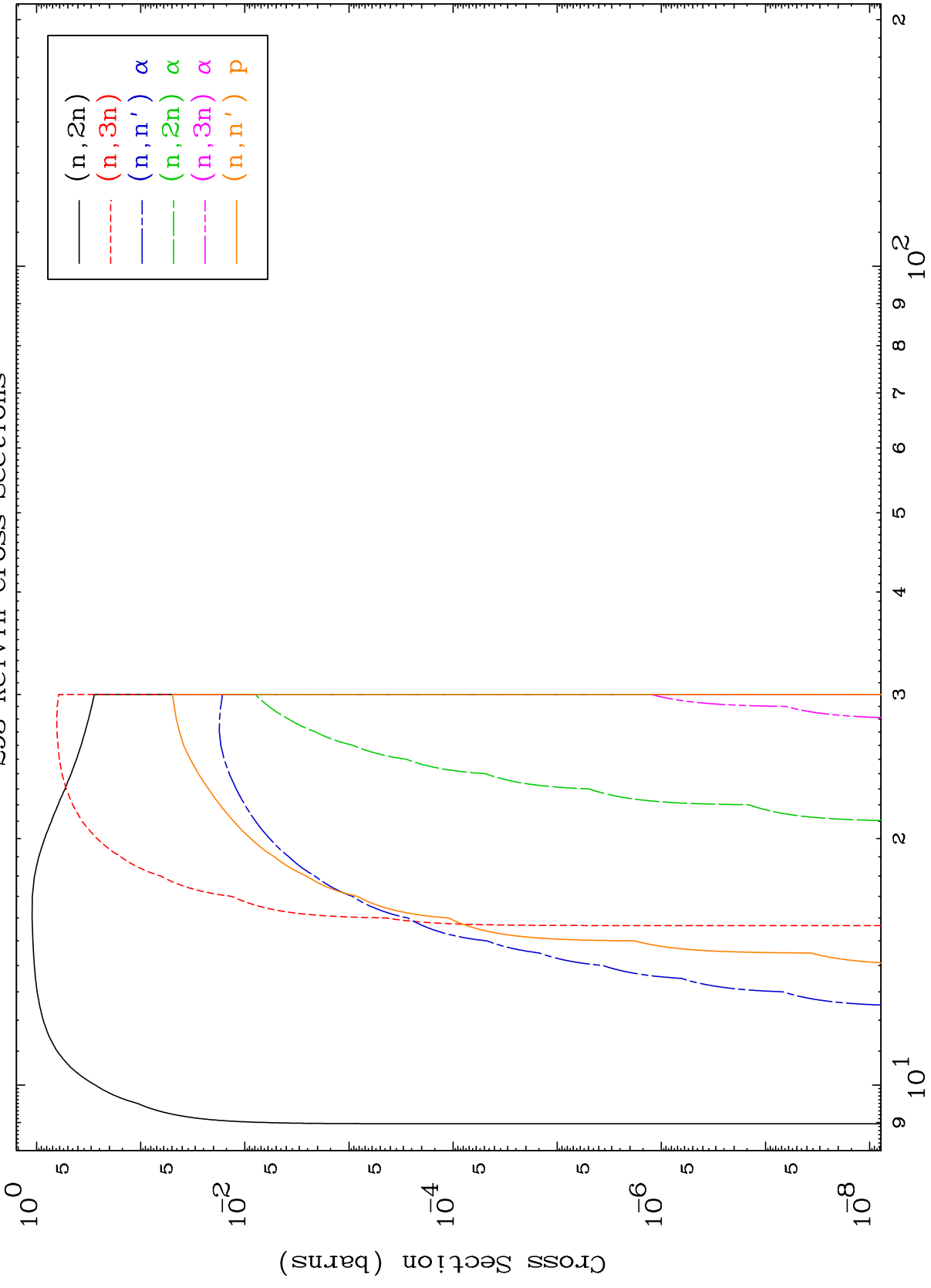
26-Fe-60



MAT 2643

Neutron Production  
293 Kelvin Cross Sections

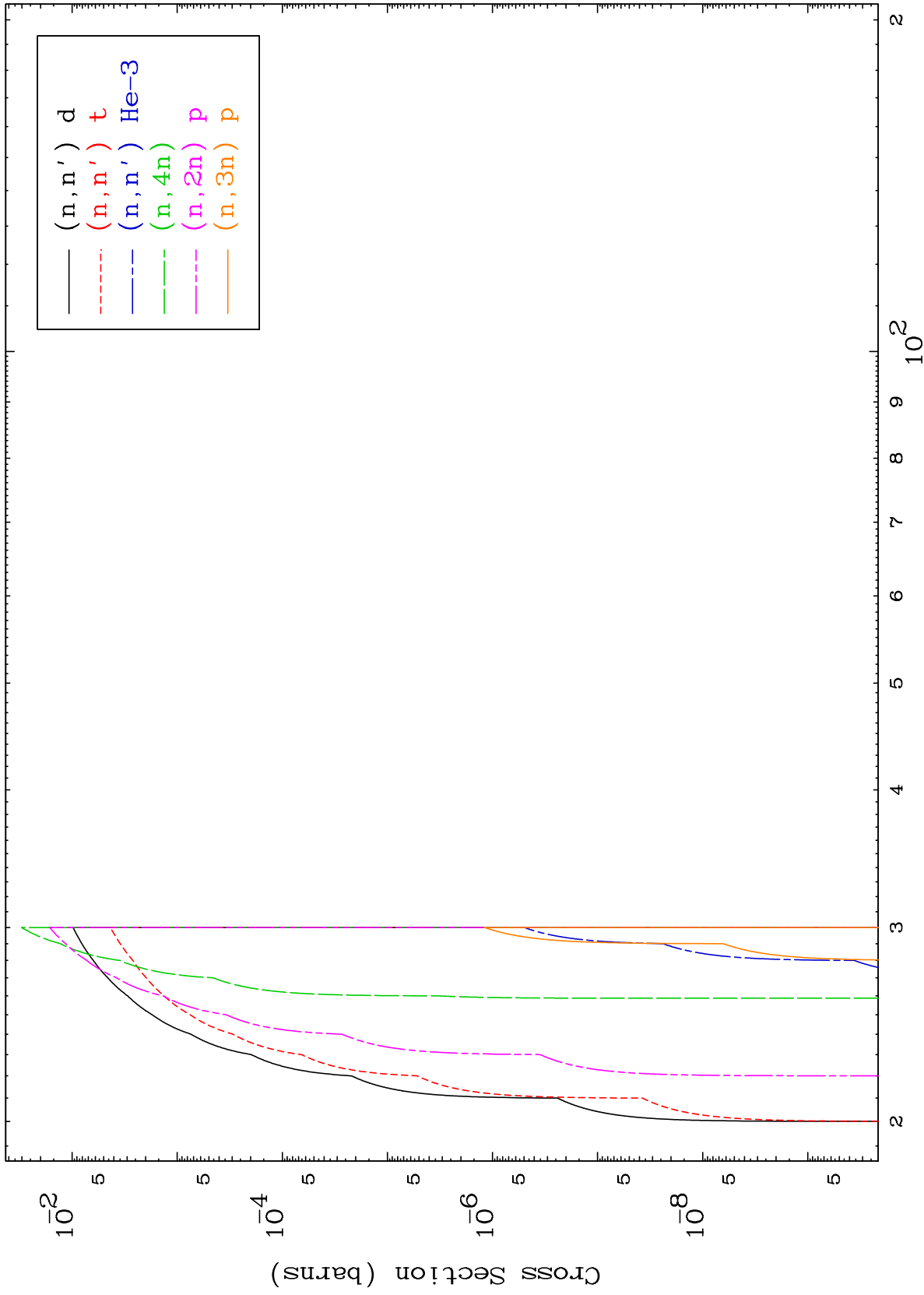
<sup>26</sup>Fe-60



2

Incident Energy (MeV)

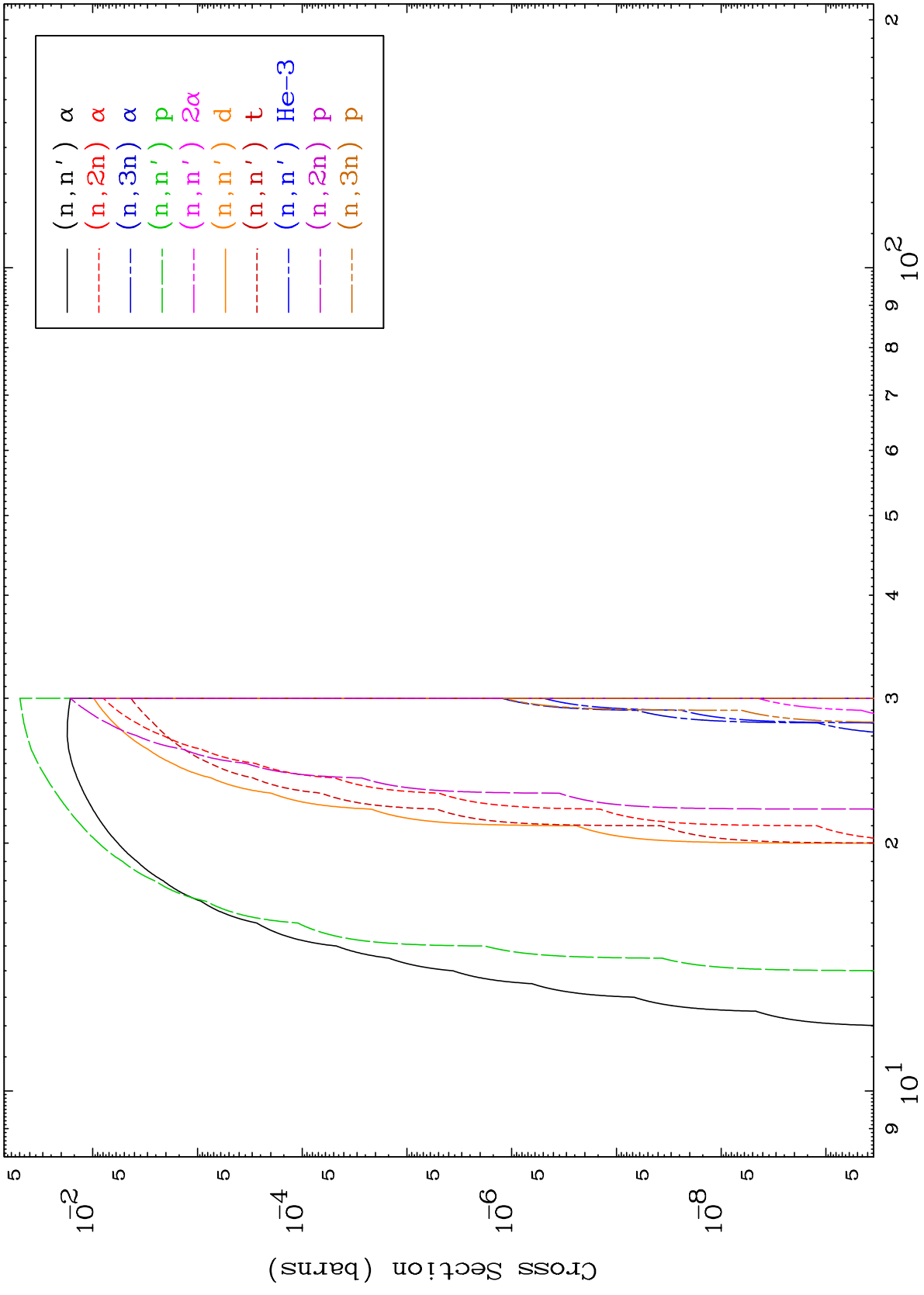
<sup>26</sup>Fe-60



MAT 2643

Charged Particle  
293 Kelvin Cross Sections

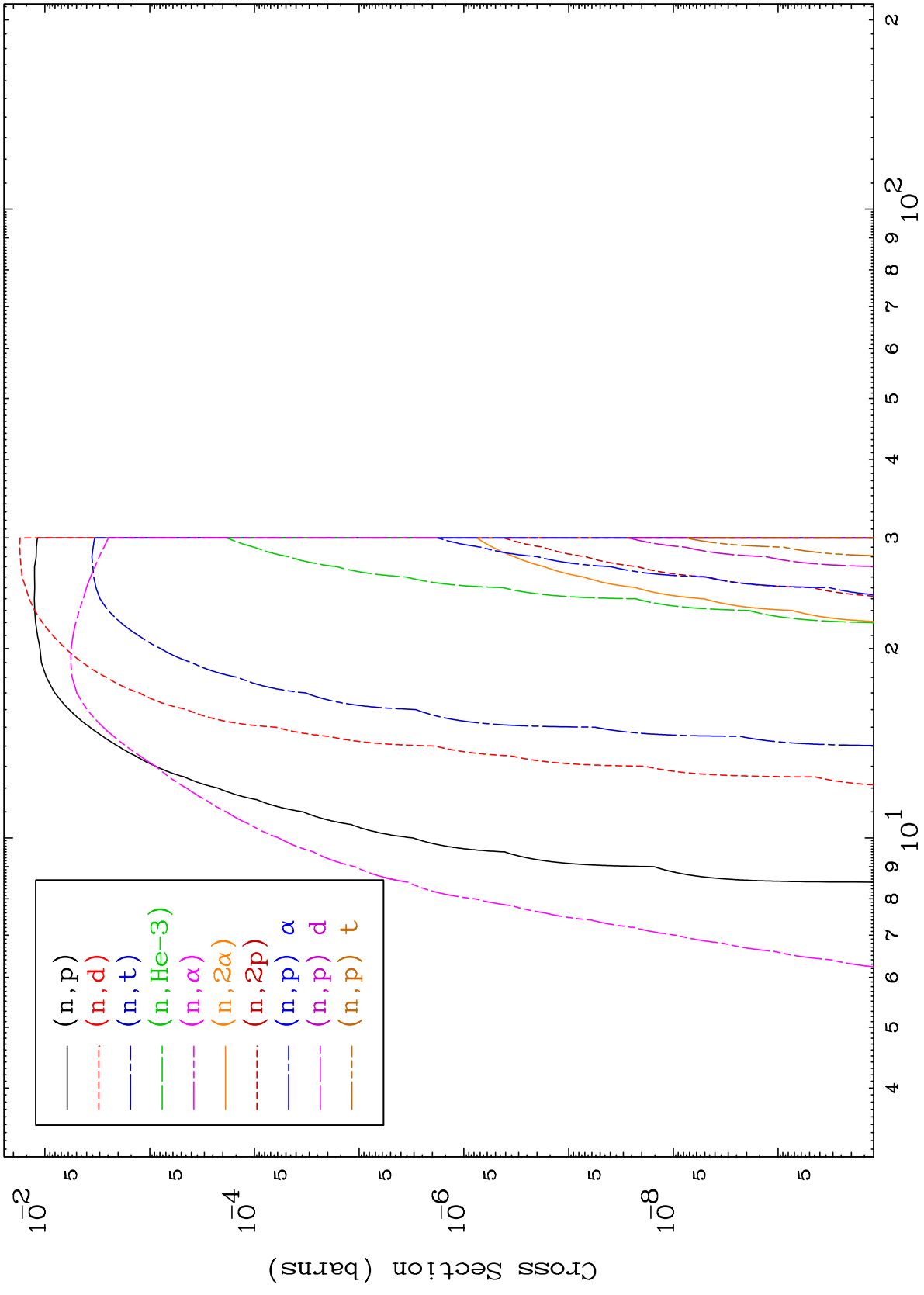
26-Fe-60

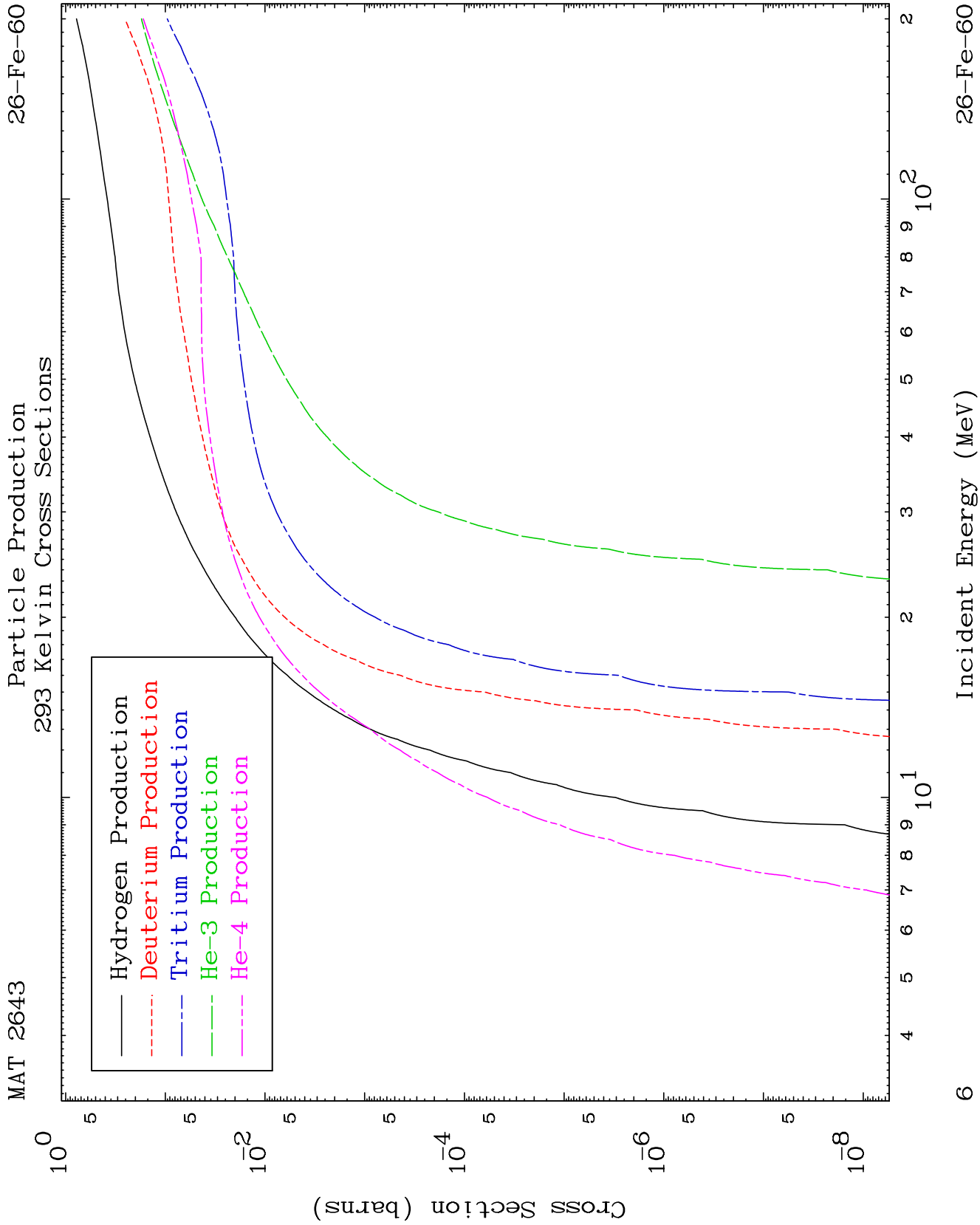


4

Incident Energy (MeV)

26-Fe-60



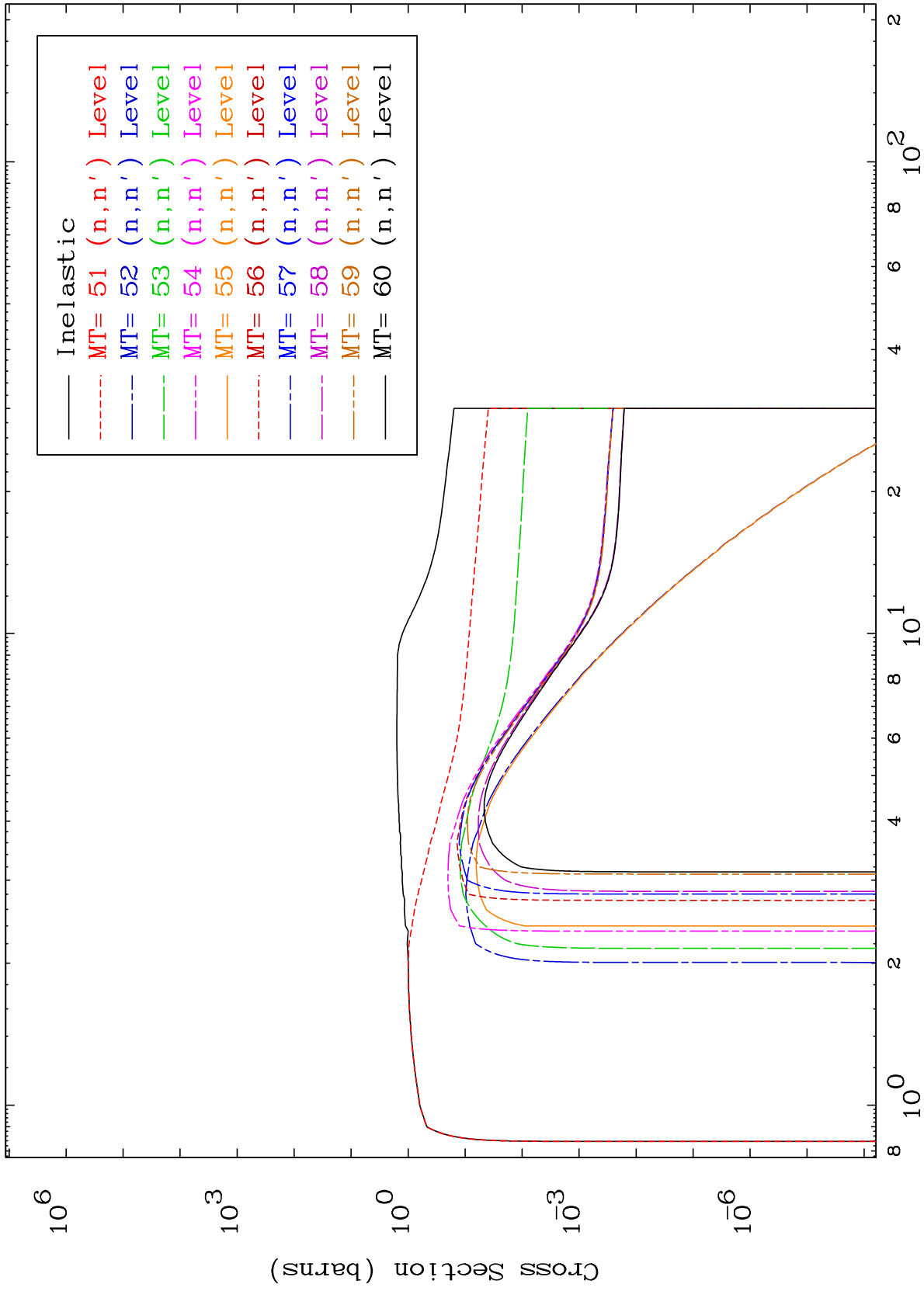


MAT 2643

(n,n') Level

26-Fe-60

293 Kelvin Cross Sections



7

Incident Energy (MeV)

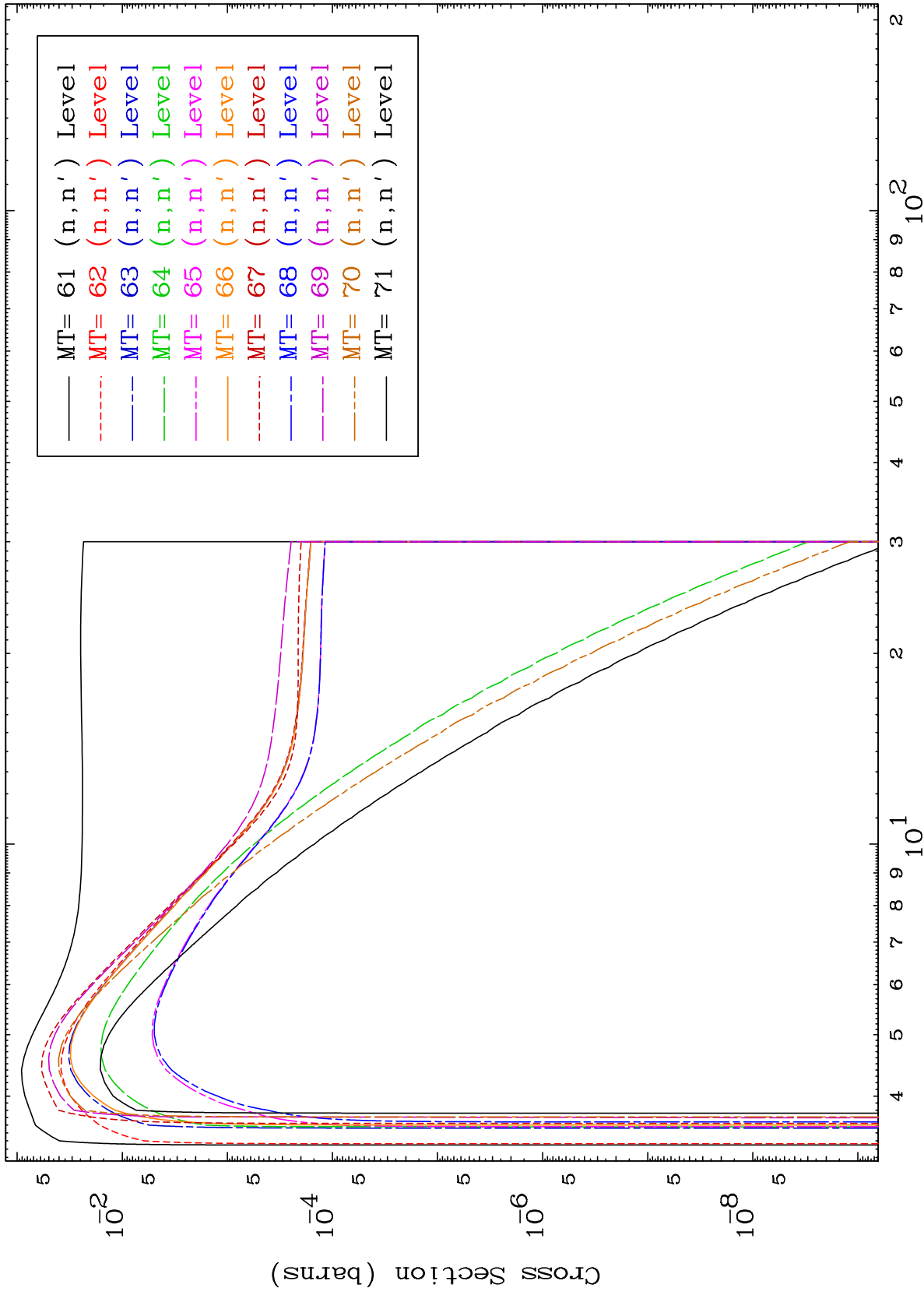
26-Fe-60



MAT 2643

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-60



8

Incident Energy (MeV)

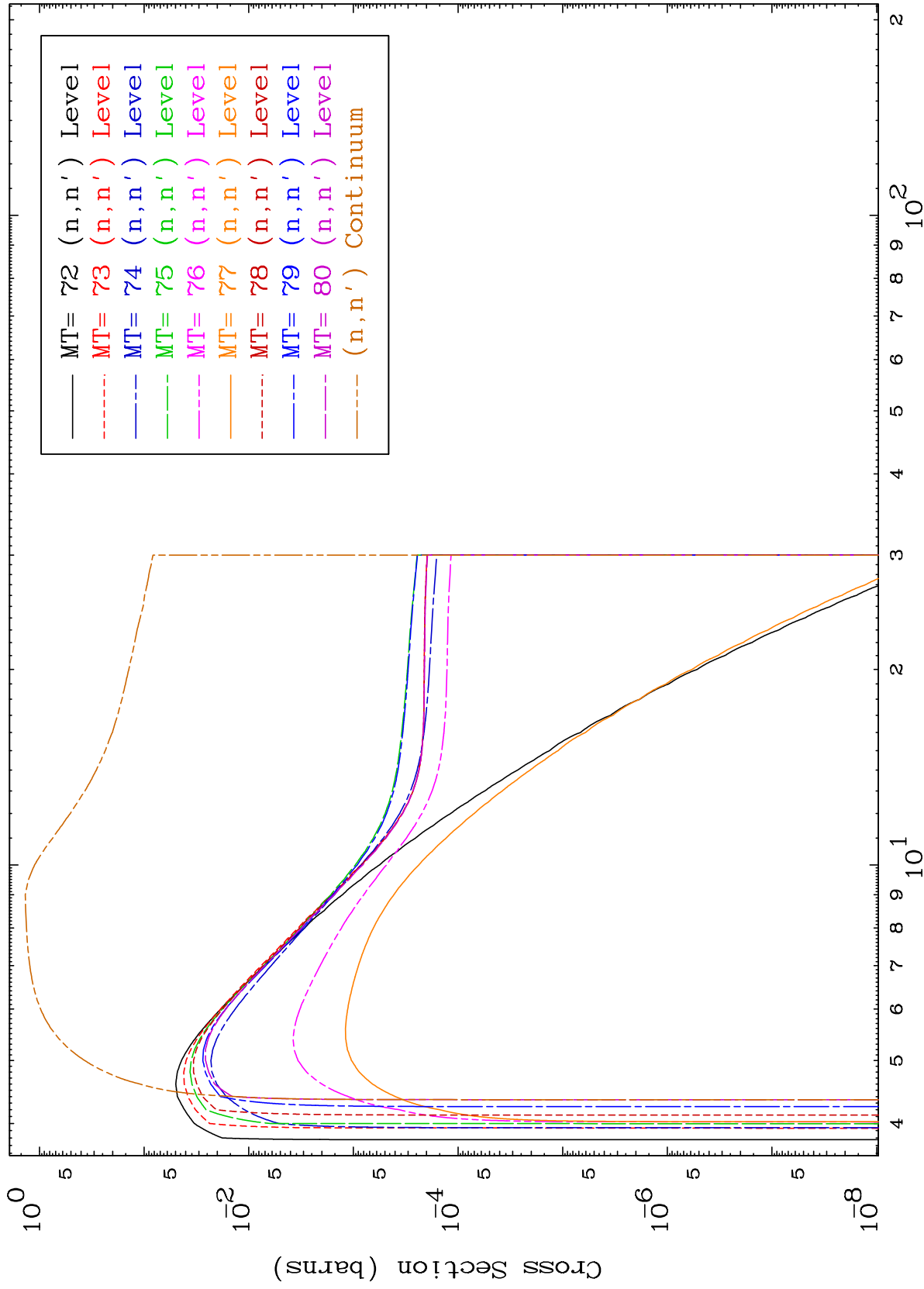
26-Fe-60

MAT 2643

(n,n') Level

26-Fe-60

293 Kelvin Cross Sections



9

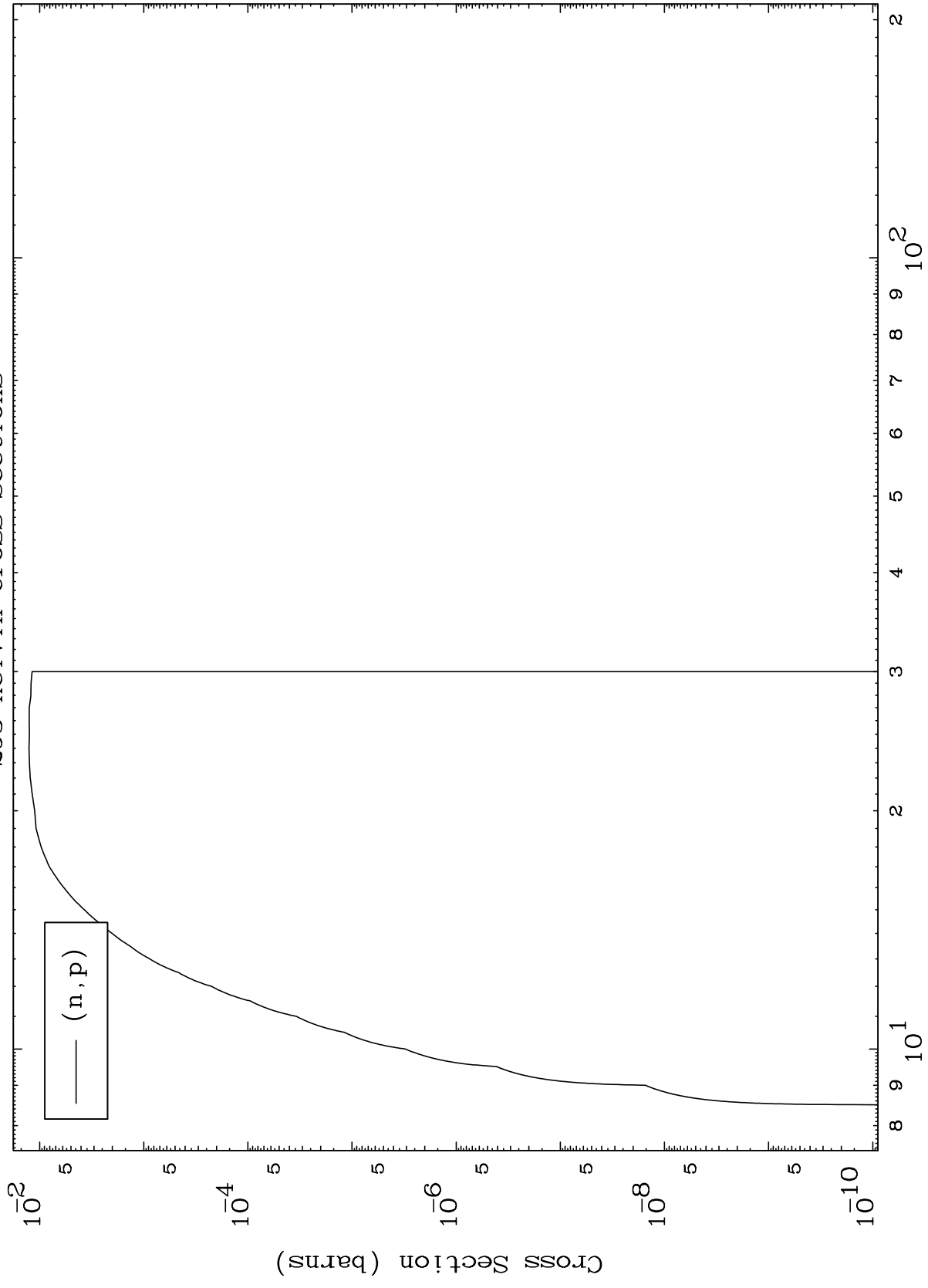
Incident Energy (MeV)

26-Fe-60

MAT 2643

(n,p) Levels  
293 Kelvin Cross Sections

<sup>26</sup>Fe-60



10

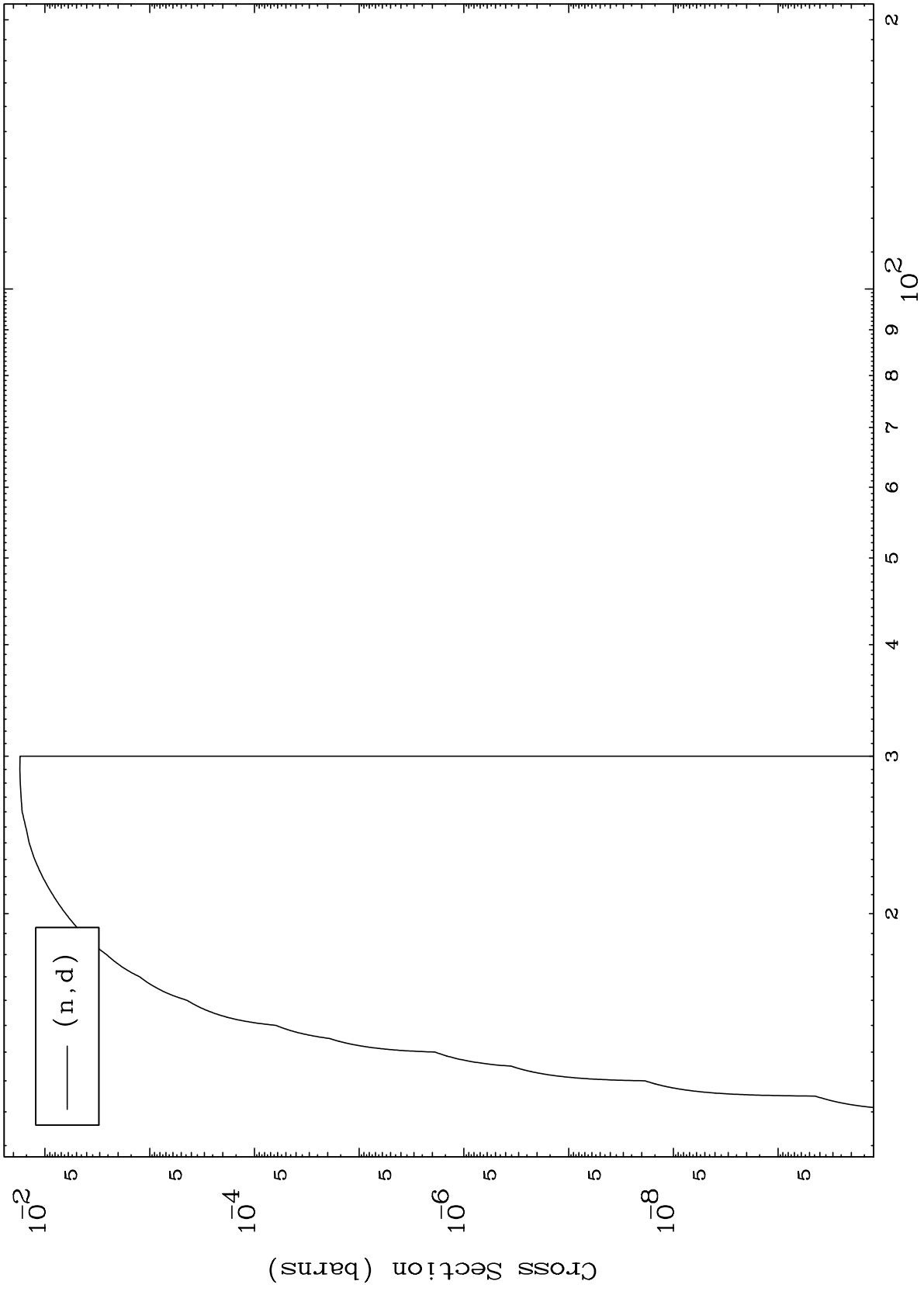
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

(n,d) Levels  
293 Kelvin Cross Sections

<sup>26</sup>Fe-60



11

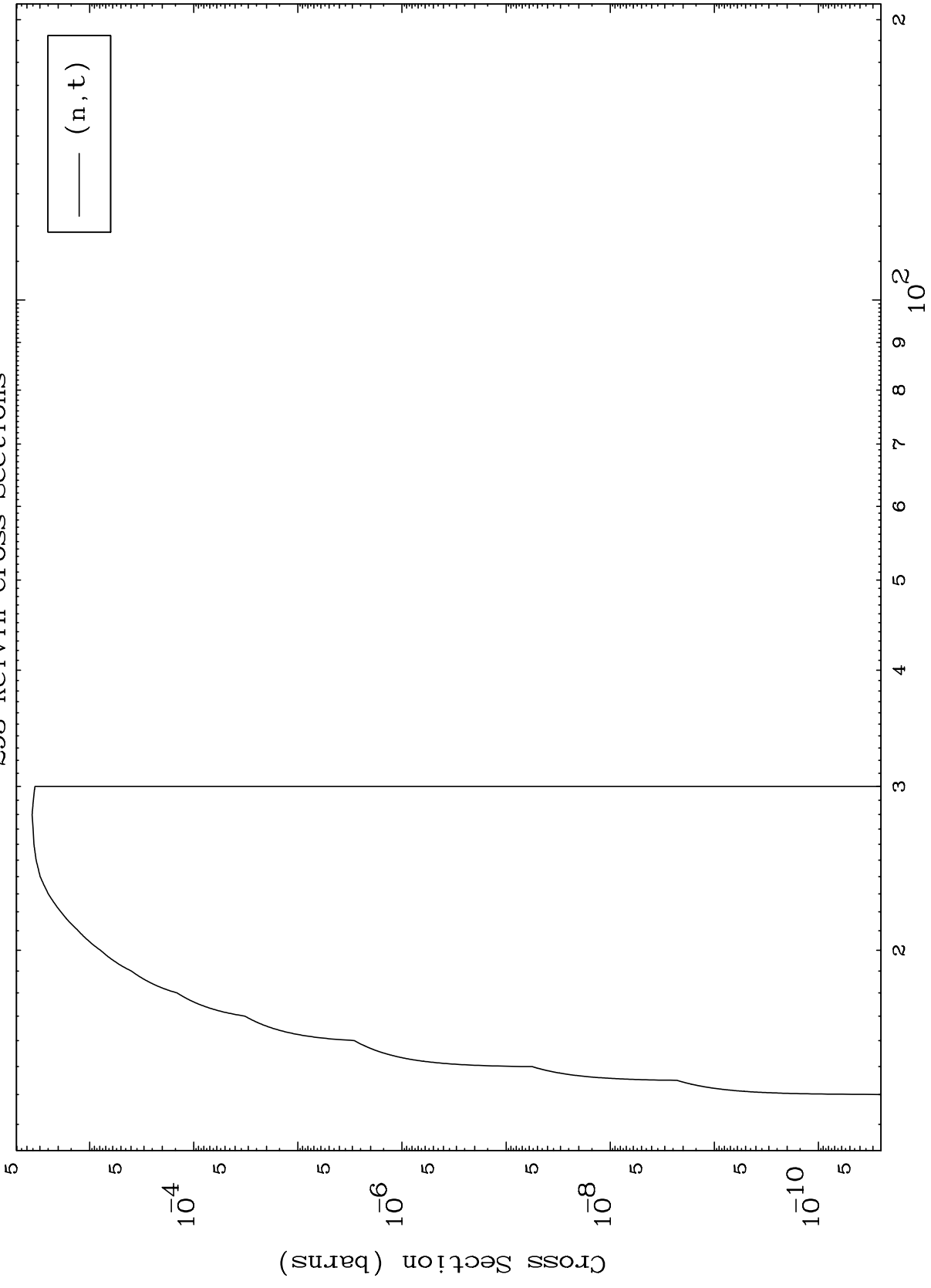
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

(n,t) Levels  
293 Kelvin Cross Sections

26-Fe-60



12

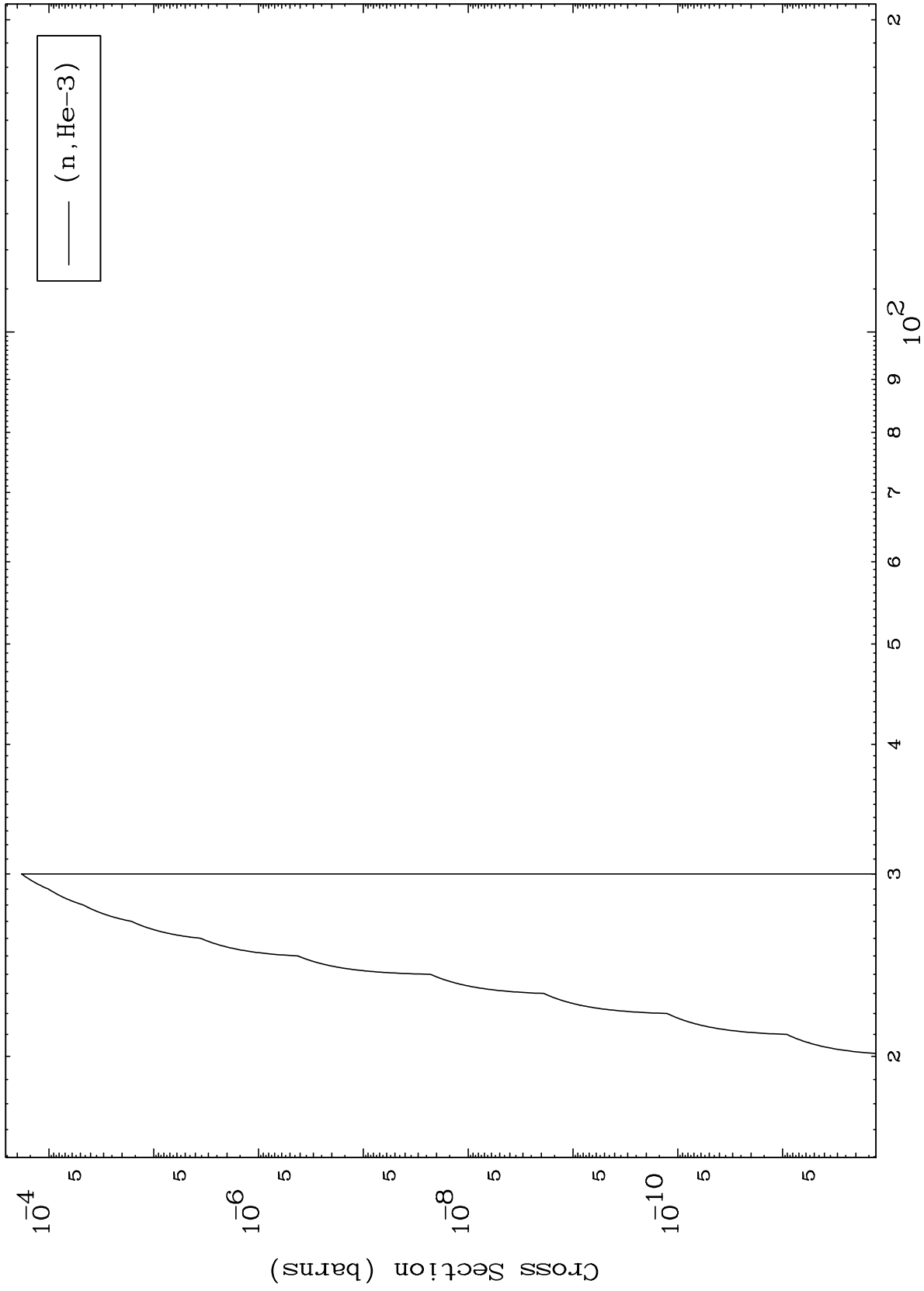
Incident Energy (MeV)

26-Fe-60

MAT 2643

(n,He3) Levels  
293 Kelvin Cross Sections

<sup>26</sup>Fe-60



13

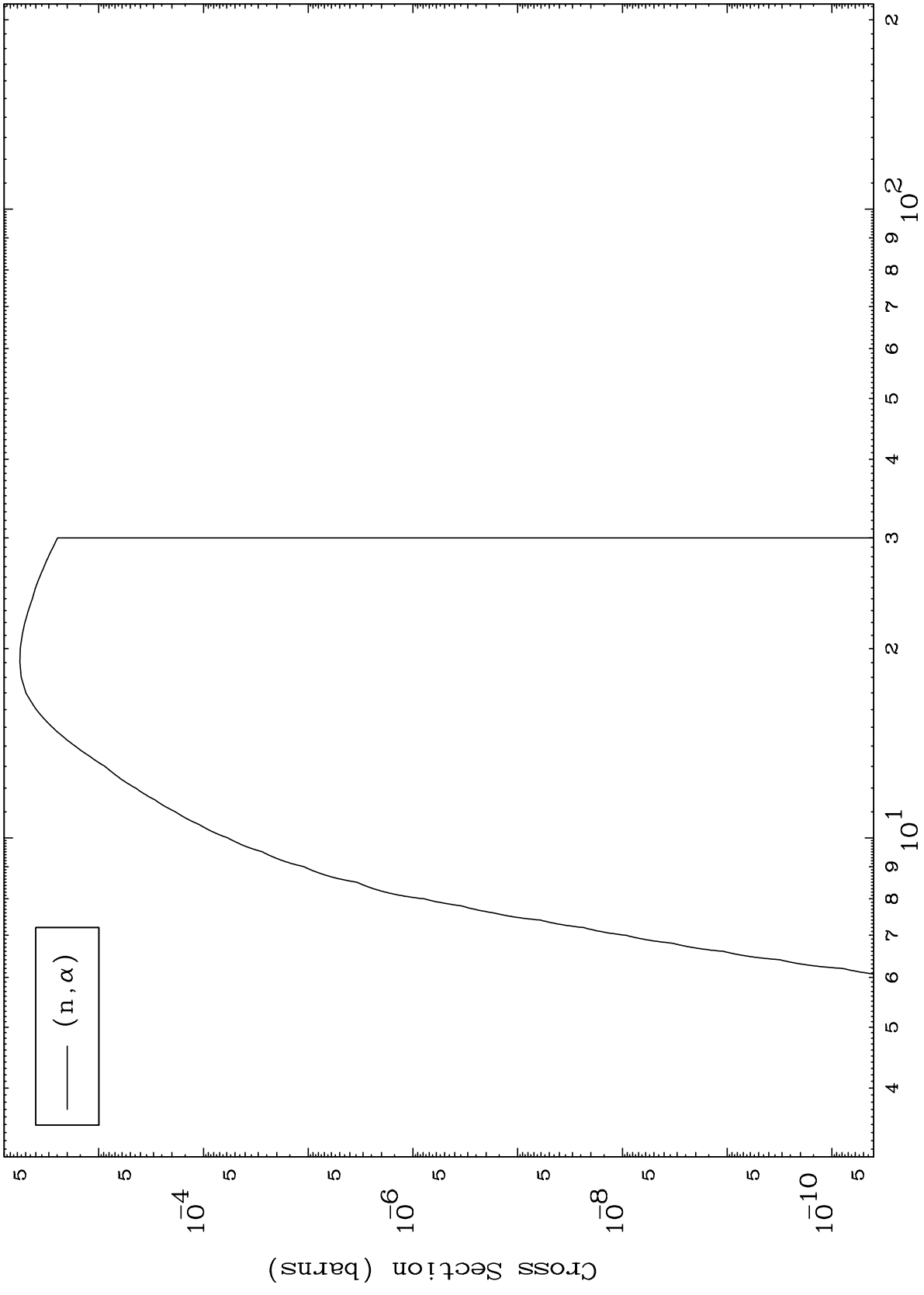
Incident Energy (MeV)

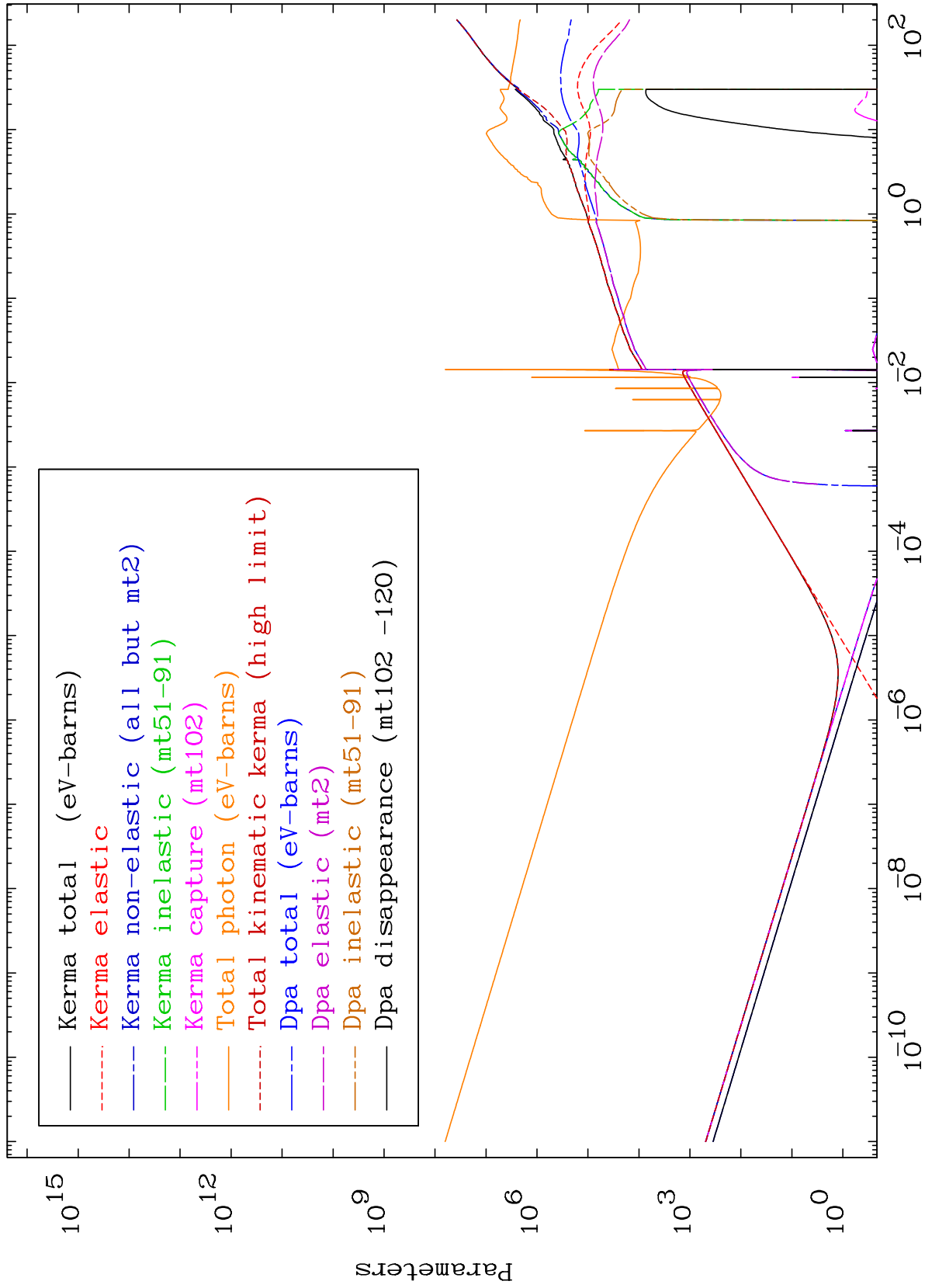
<sup>26</sup>Fe-60

MAT 2643

(n,α) Levels  
293 Kelvin Cross Sections

26-Fe-60



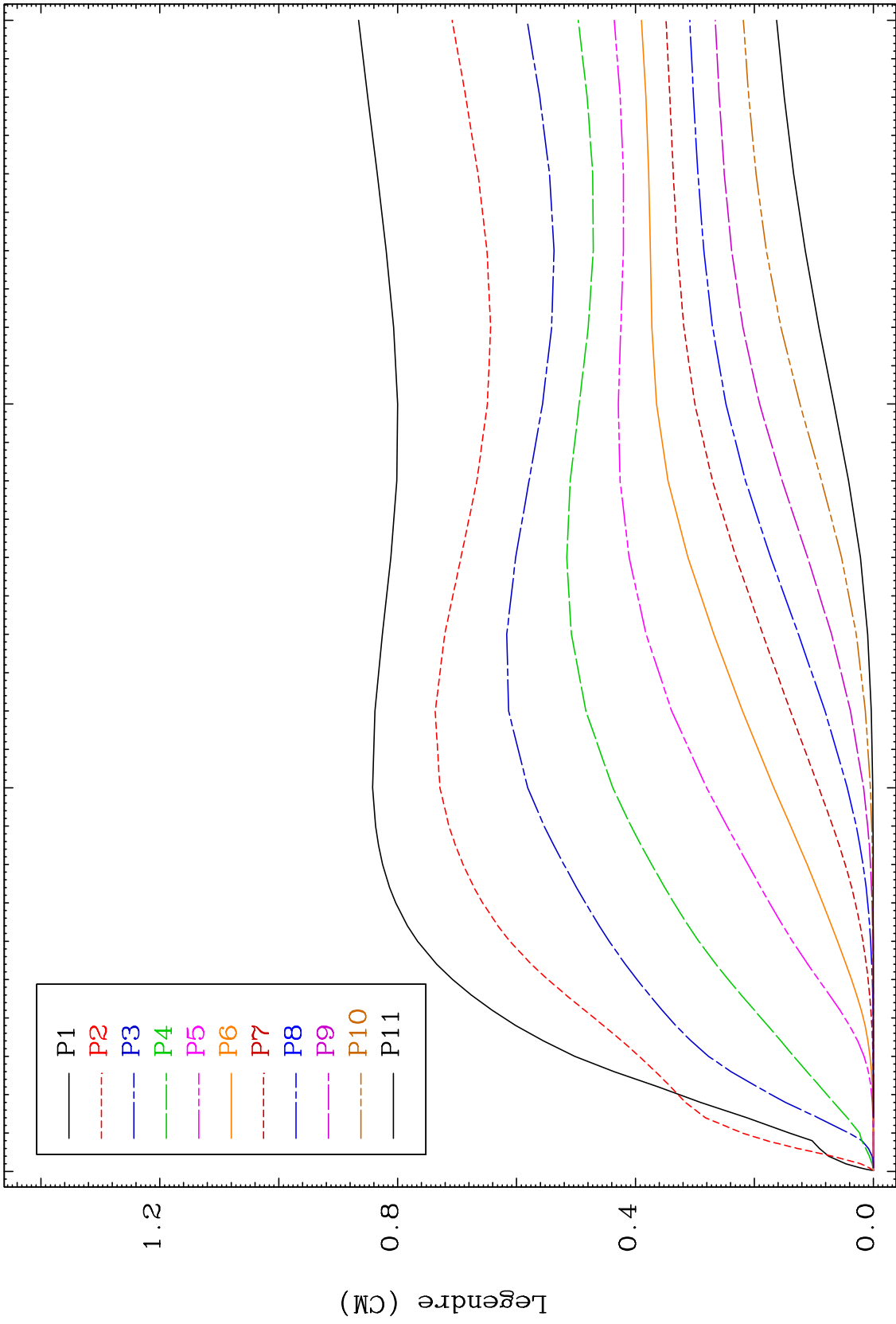




MAT 2643

Elastic Legendre Coefficients

<sup>26</sup>Fe-60



16

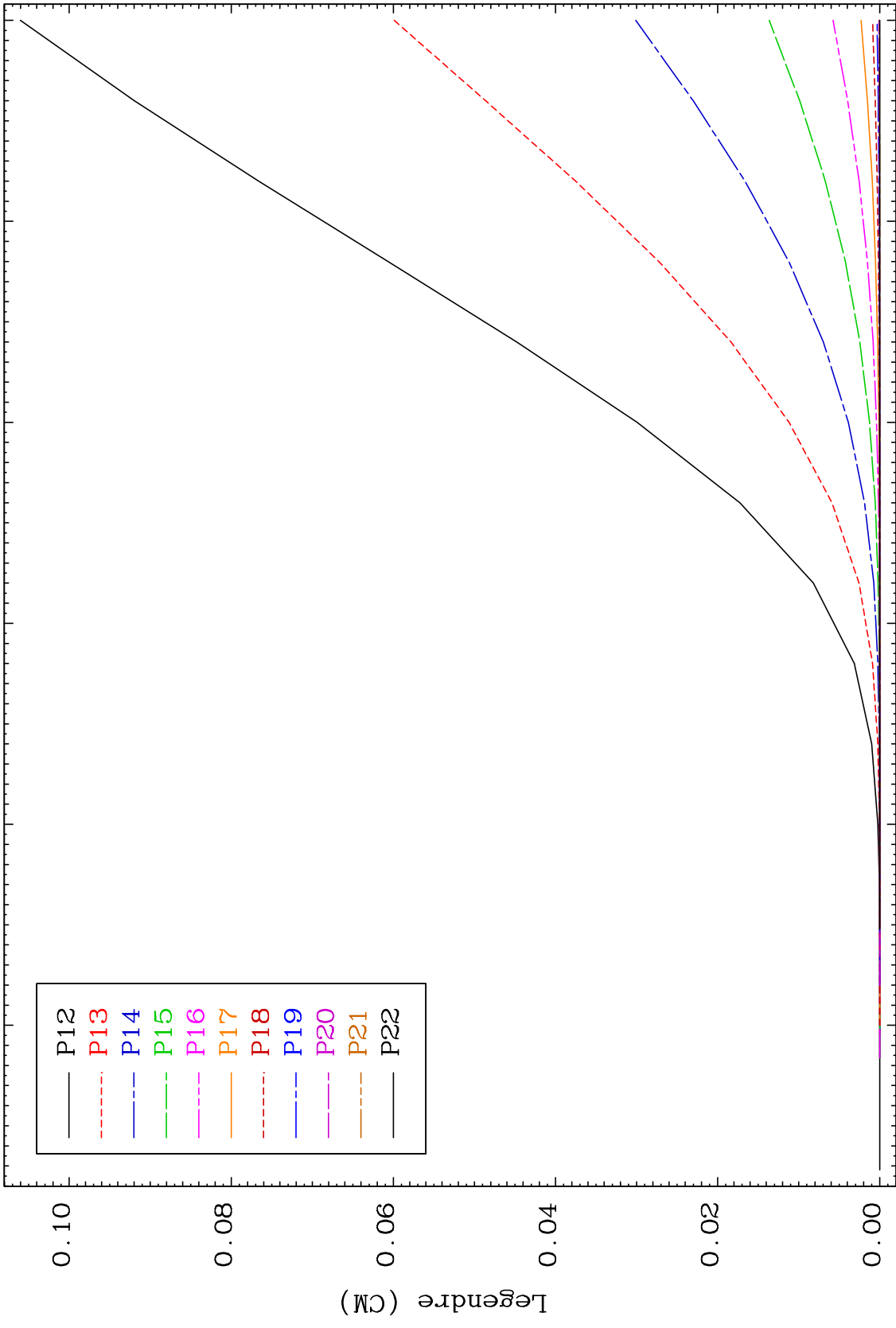
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

Elastic Legendre Coefficients

<sup>26</sup>Fe-60



17

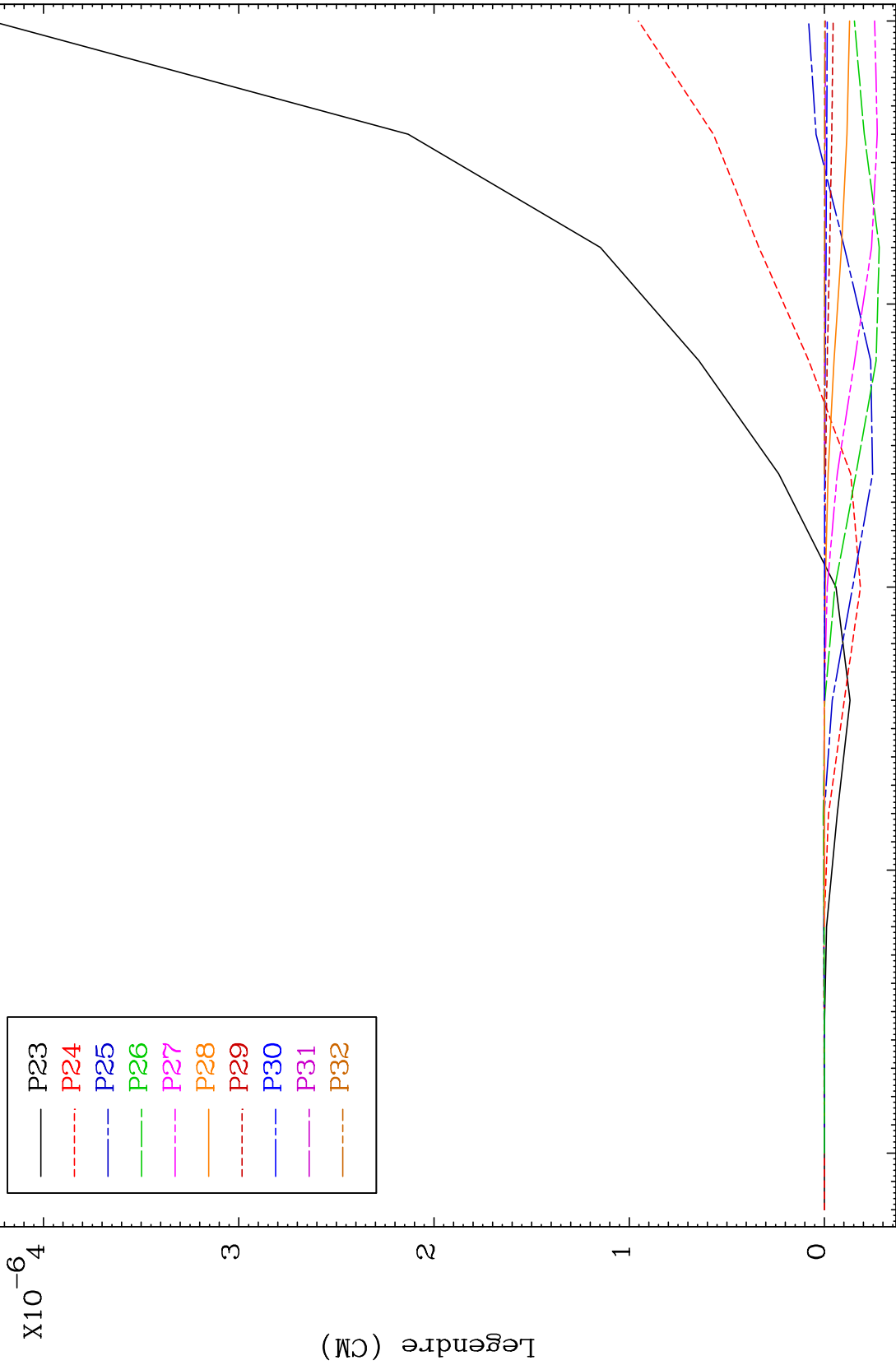
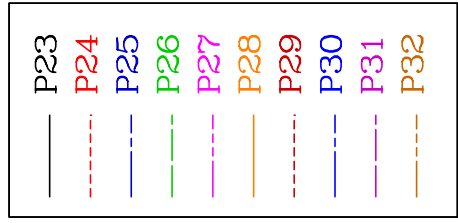
<sup>26</sup>Fe-60

Incident Energy (MeV)

MAT 2643

Elastic Legendre Coefficients

<sup>26</sup>Fe-60



18

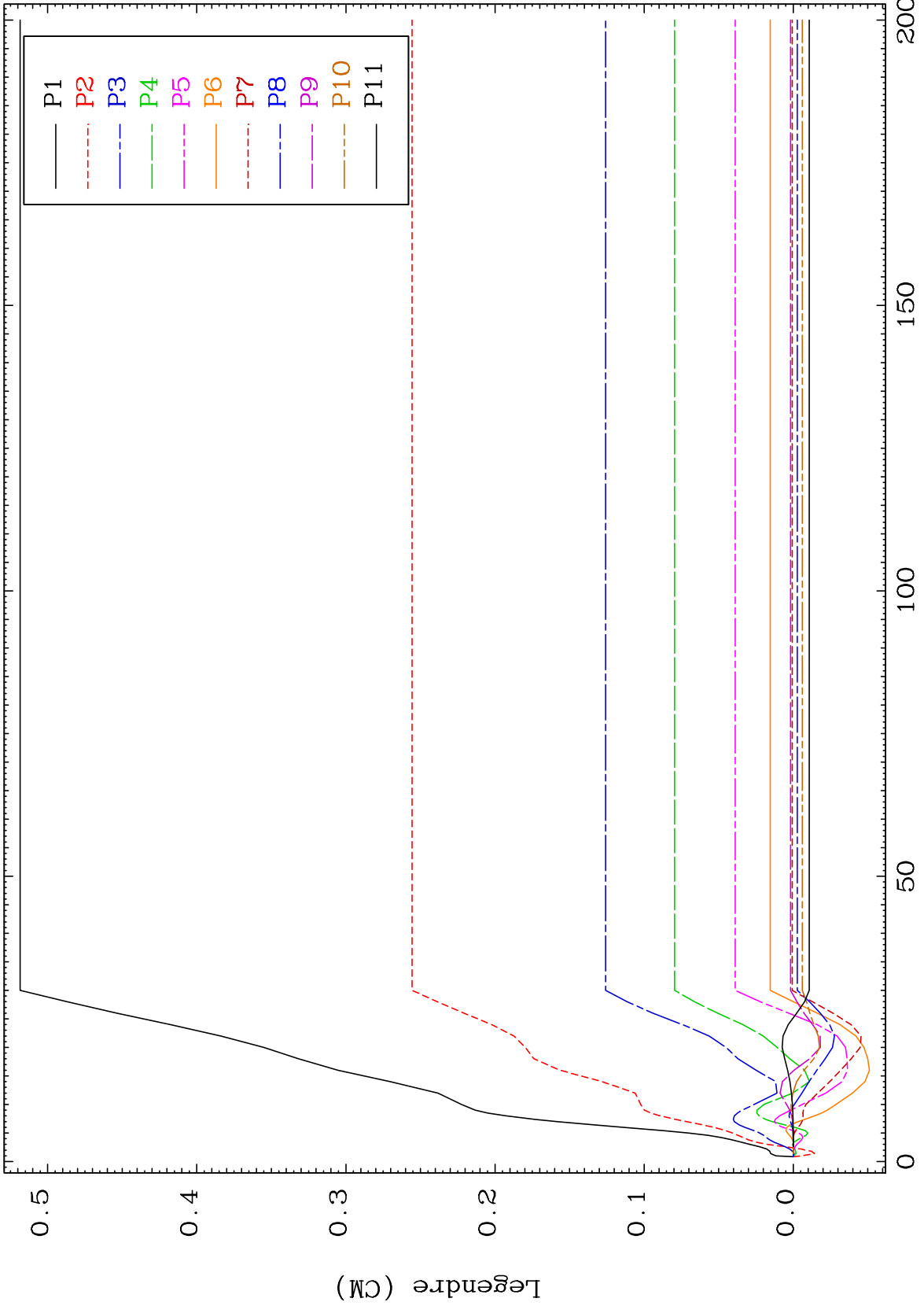
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

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

26-Fe-60



19

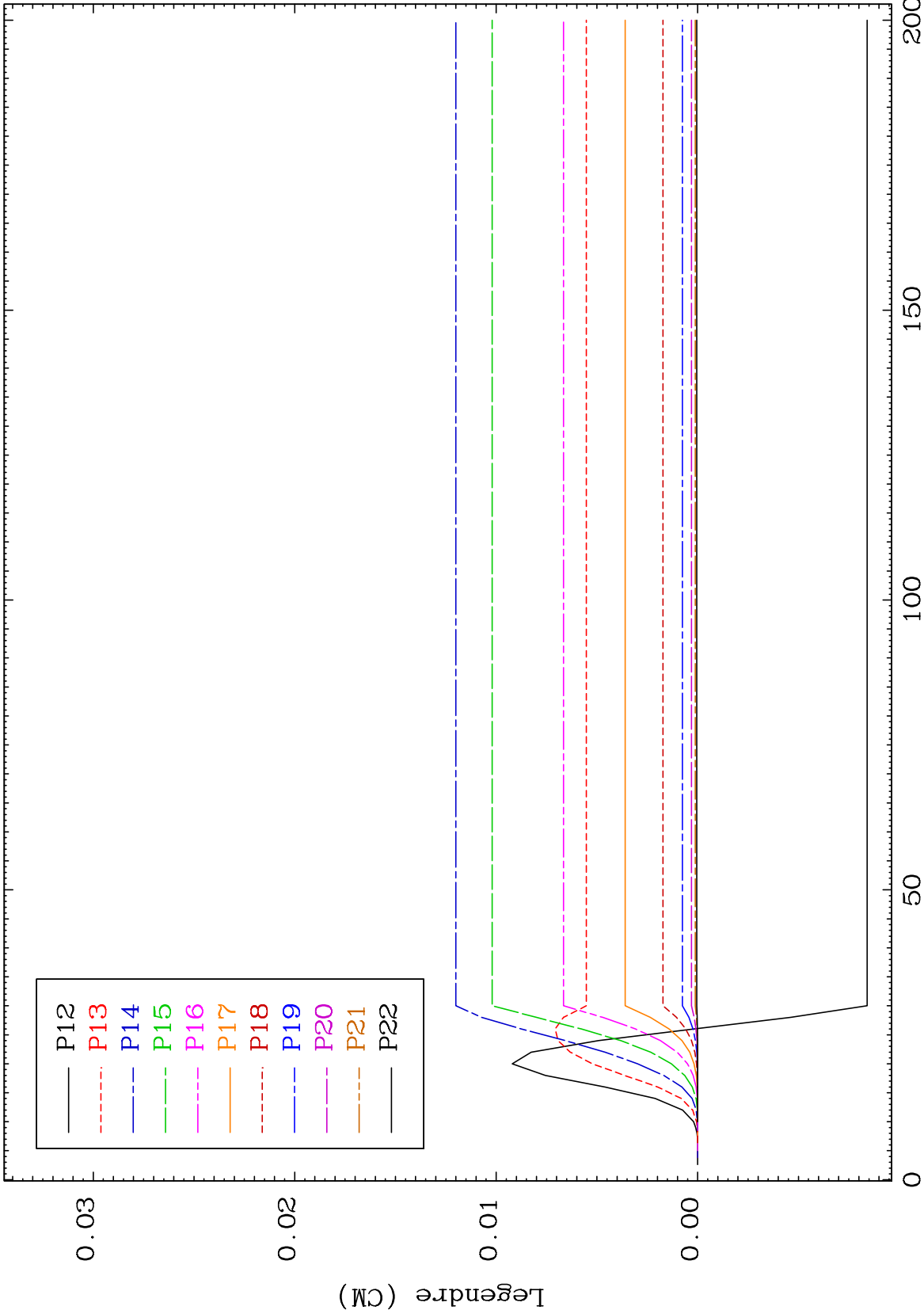
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60



20

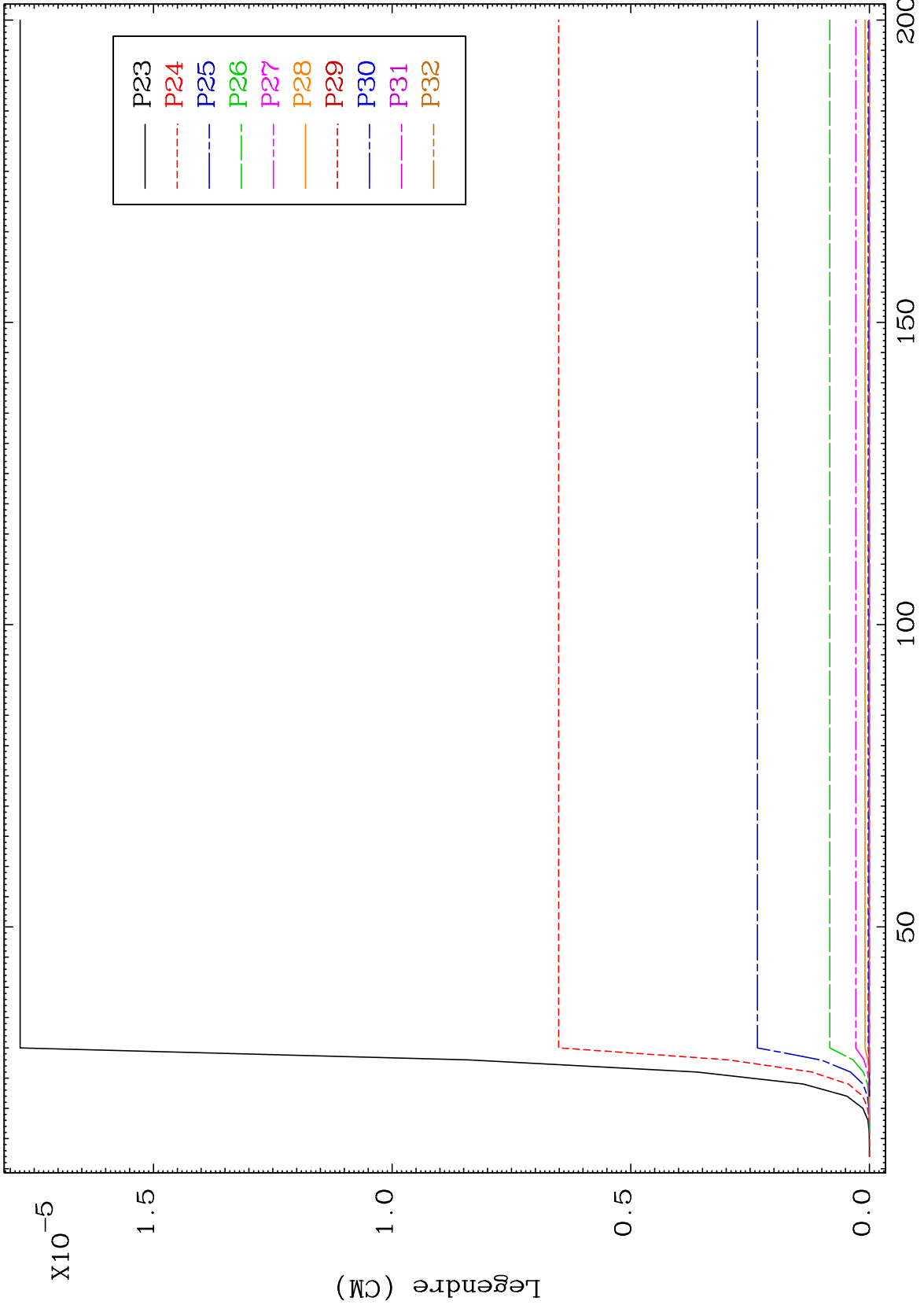
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

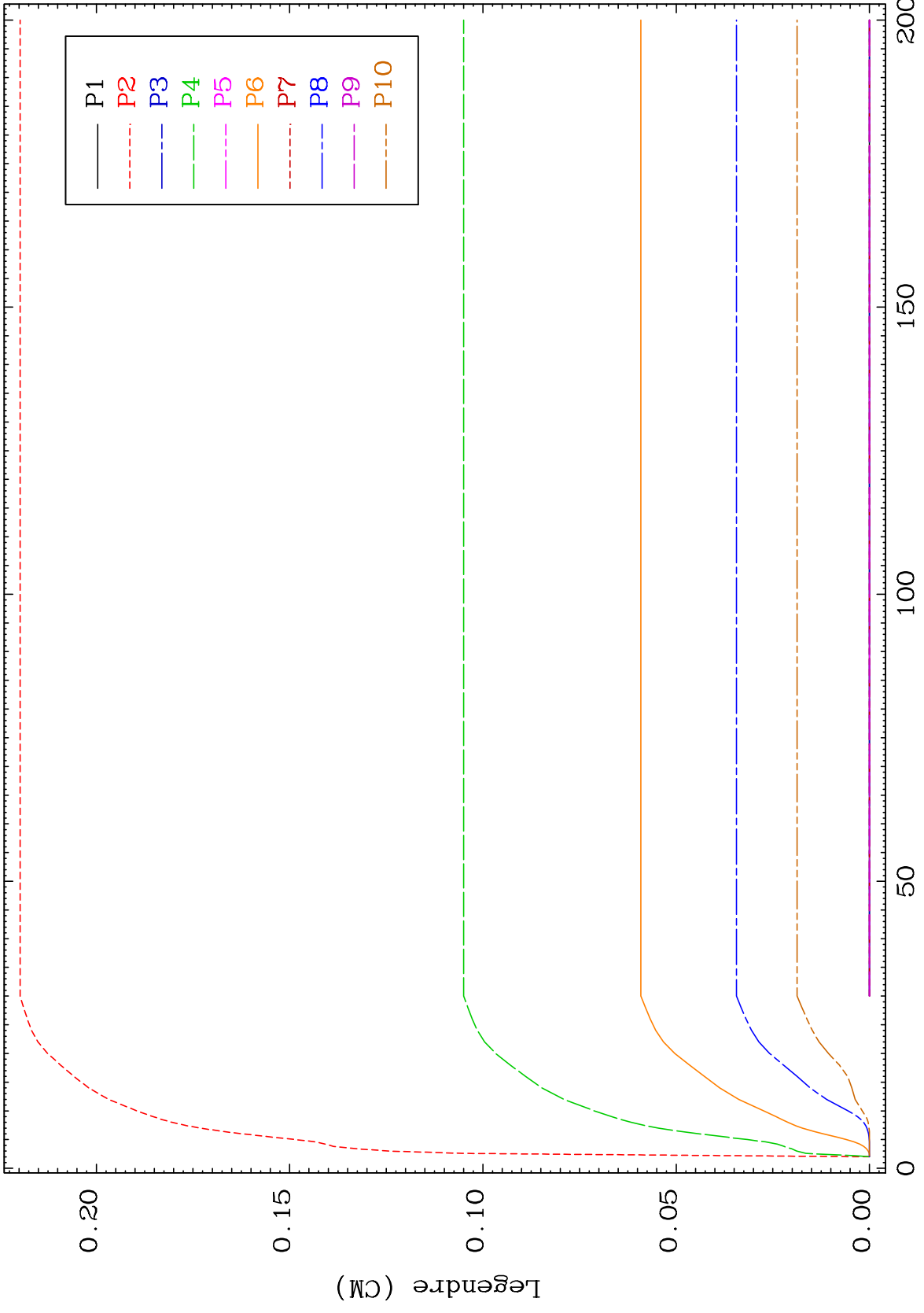
MT= 51 (n,n') Level  
Legendre Coefficients

26-Fe-60

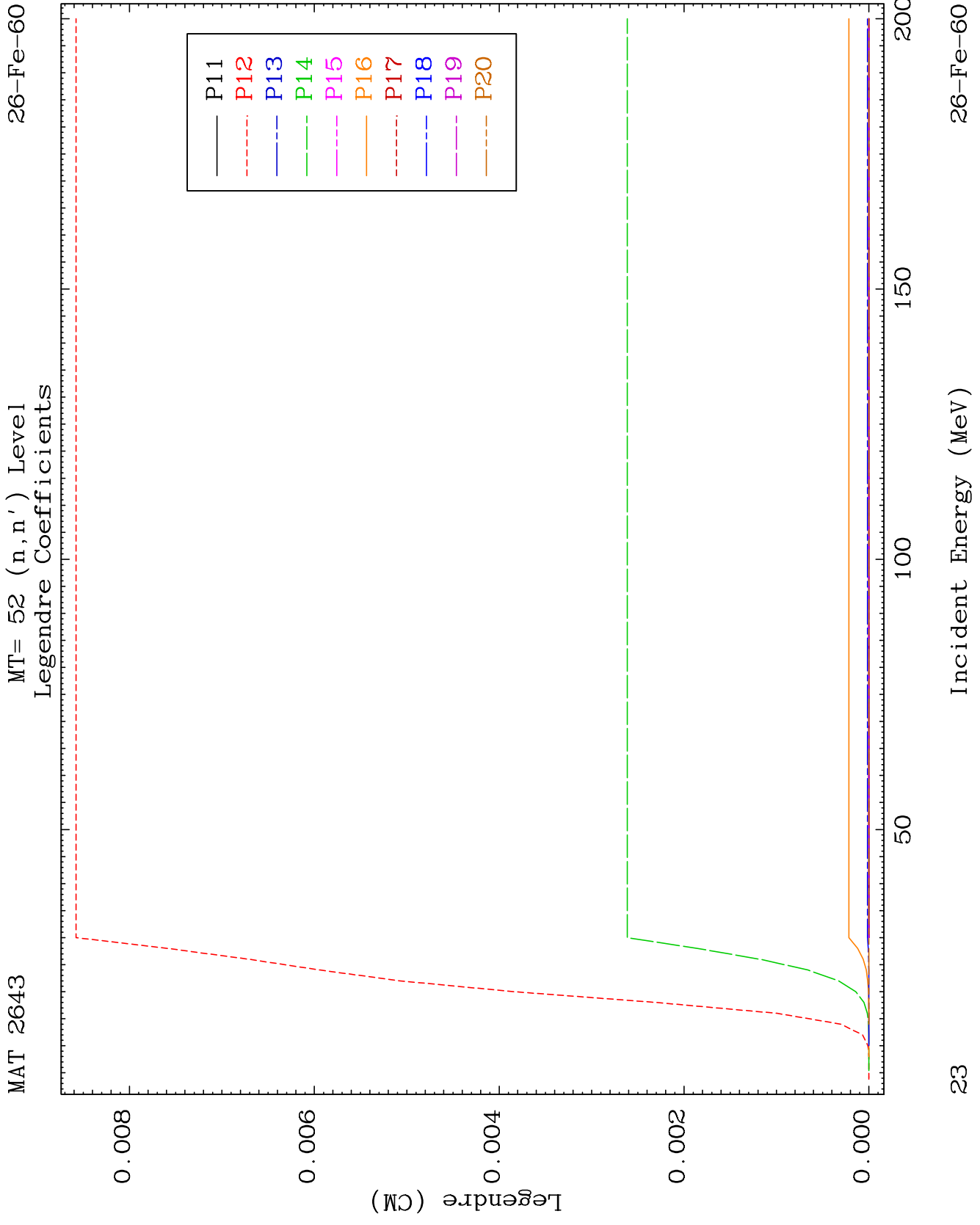


21

MAT 2643 MT= 52 (n,n') Level Legendre Coefficients 26-Fe-60

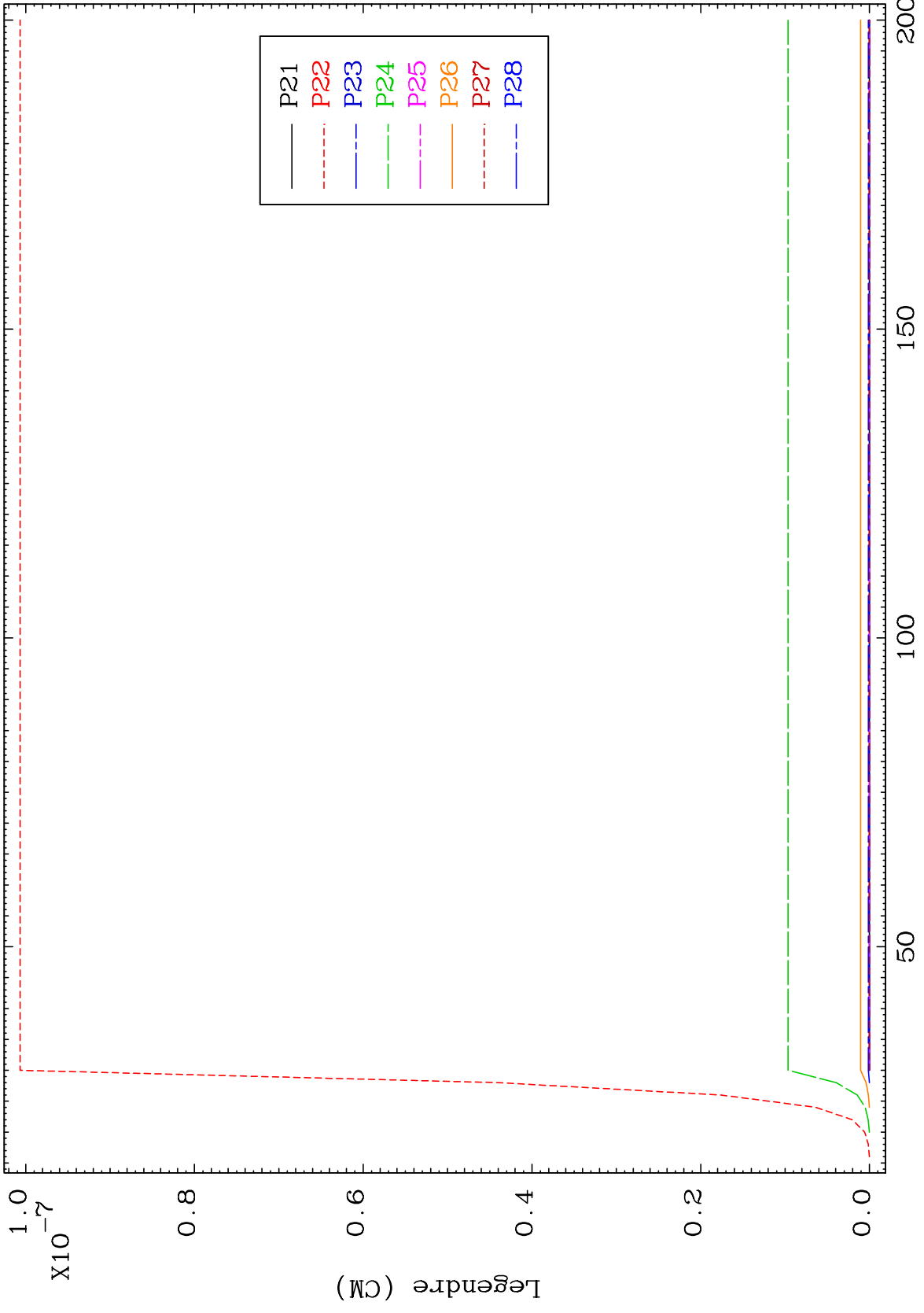


26-Fe-60 Incident Energy (MeV) 22





MAT 2643 MT= 52 (n, n') Level Legendre Coefficients 26-Fe-60

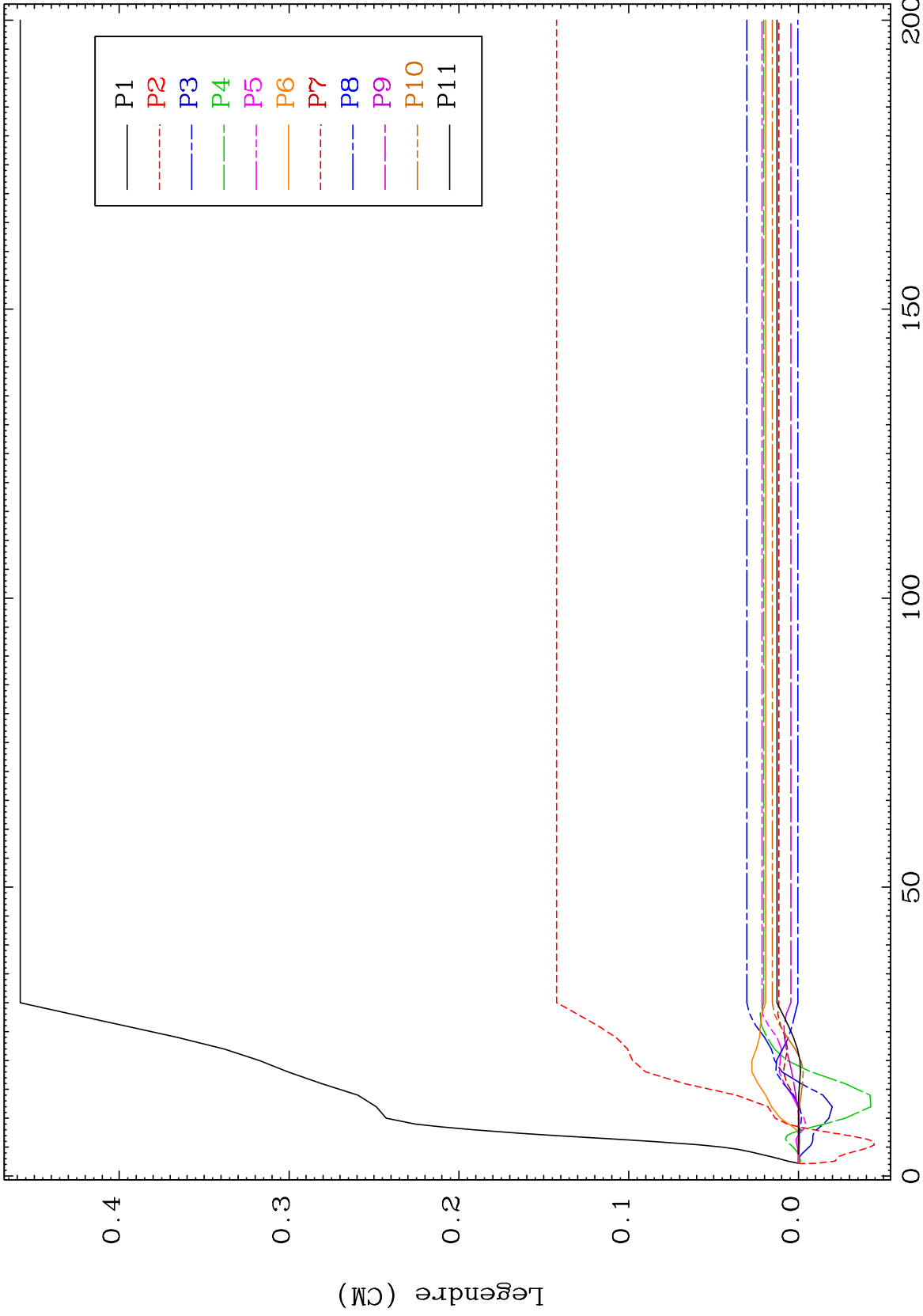


24 Incident Energy (MeV) 26-Fe-60

MAT 2643

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

26-Fe-60



26-Fe-60

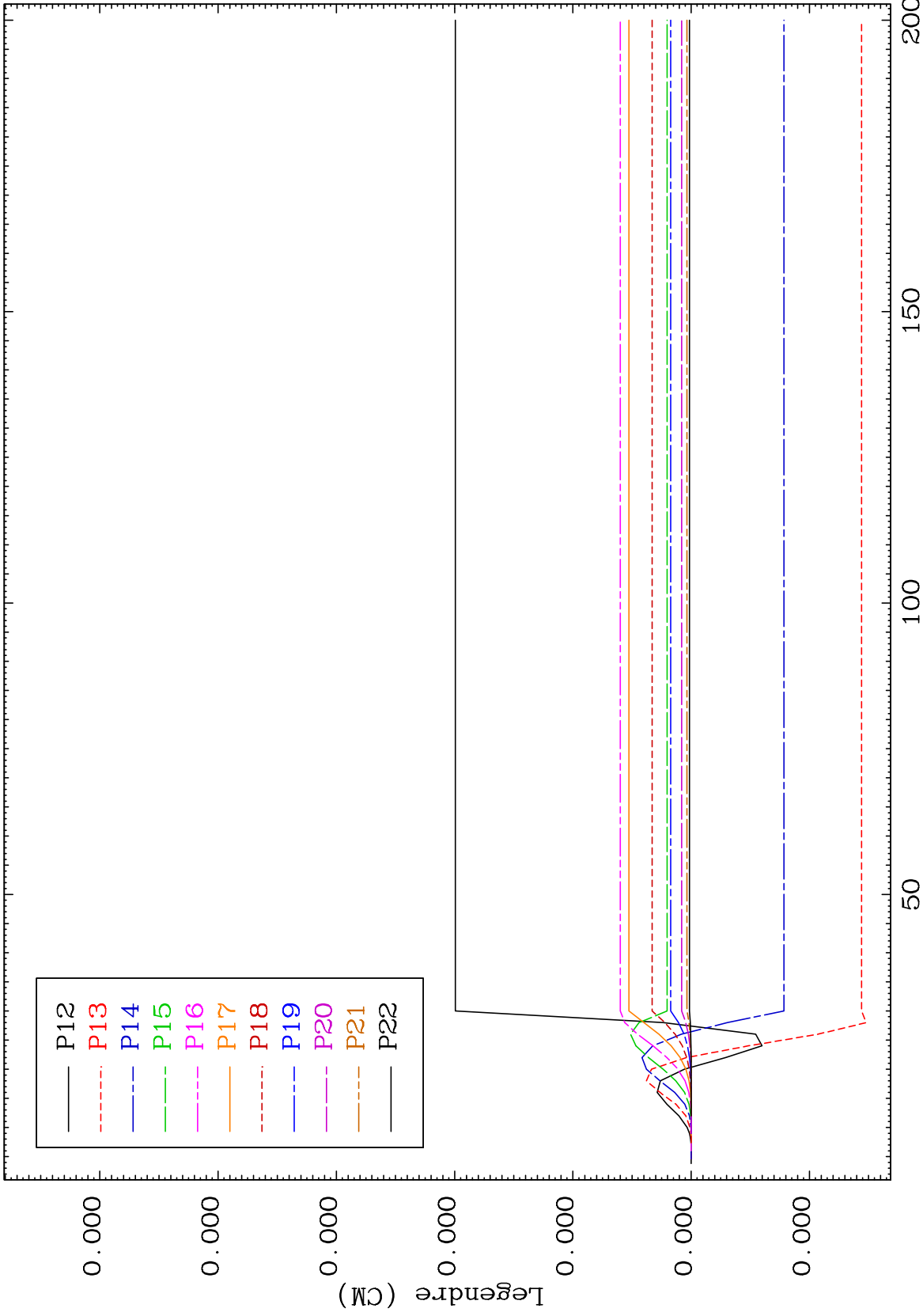
Incident Energy (MeV)

25

MAT 2643

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

26-Fe-60



26

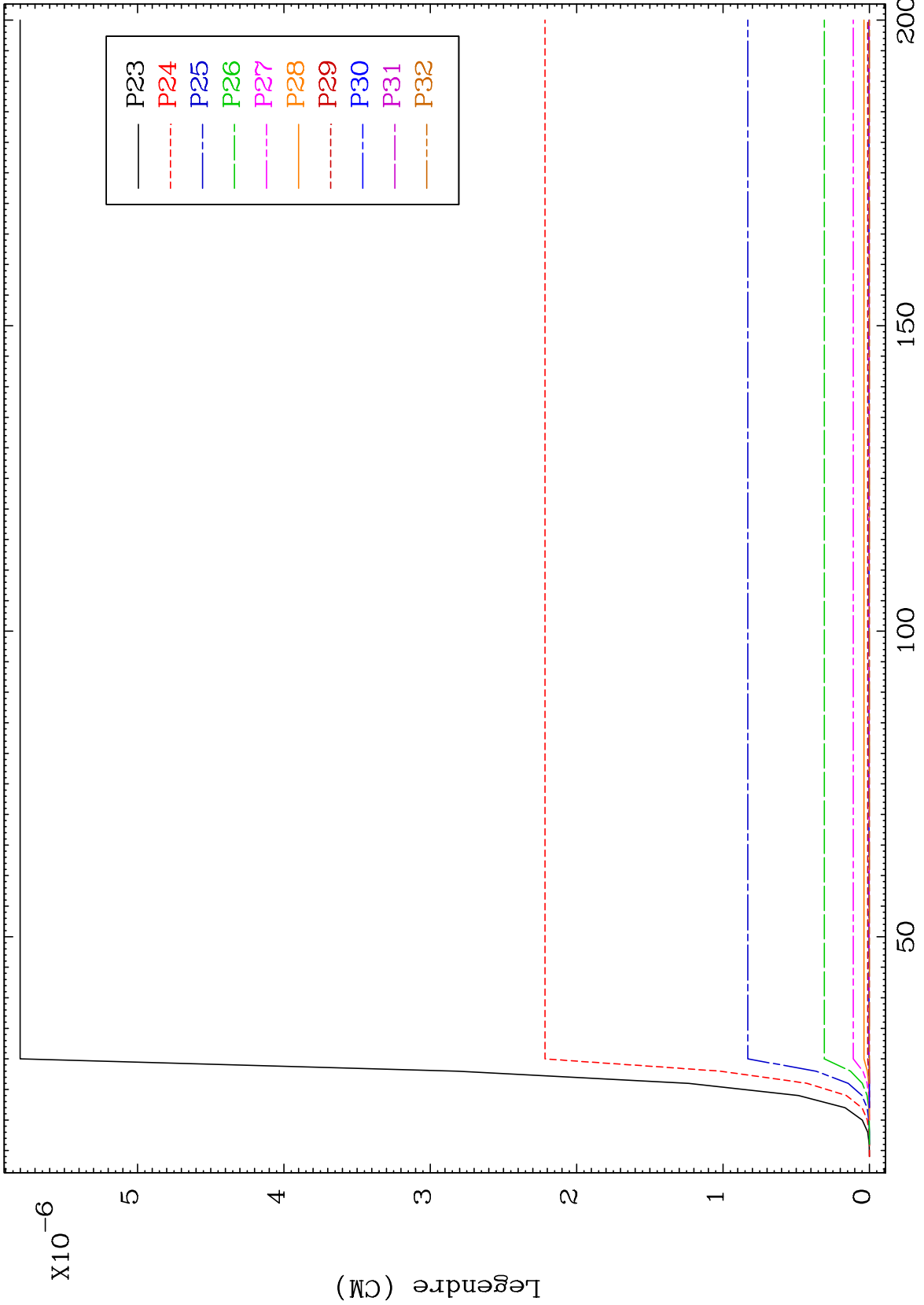
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



27

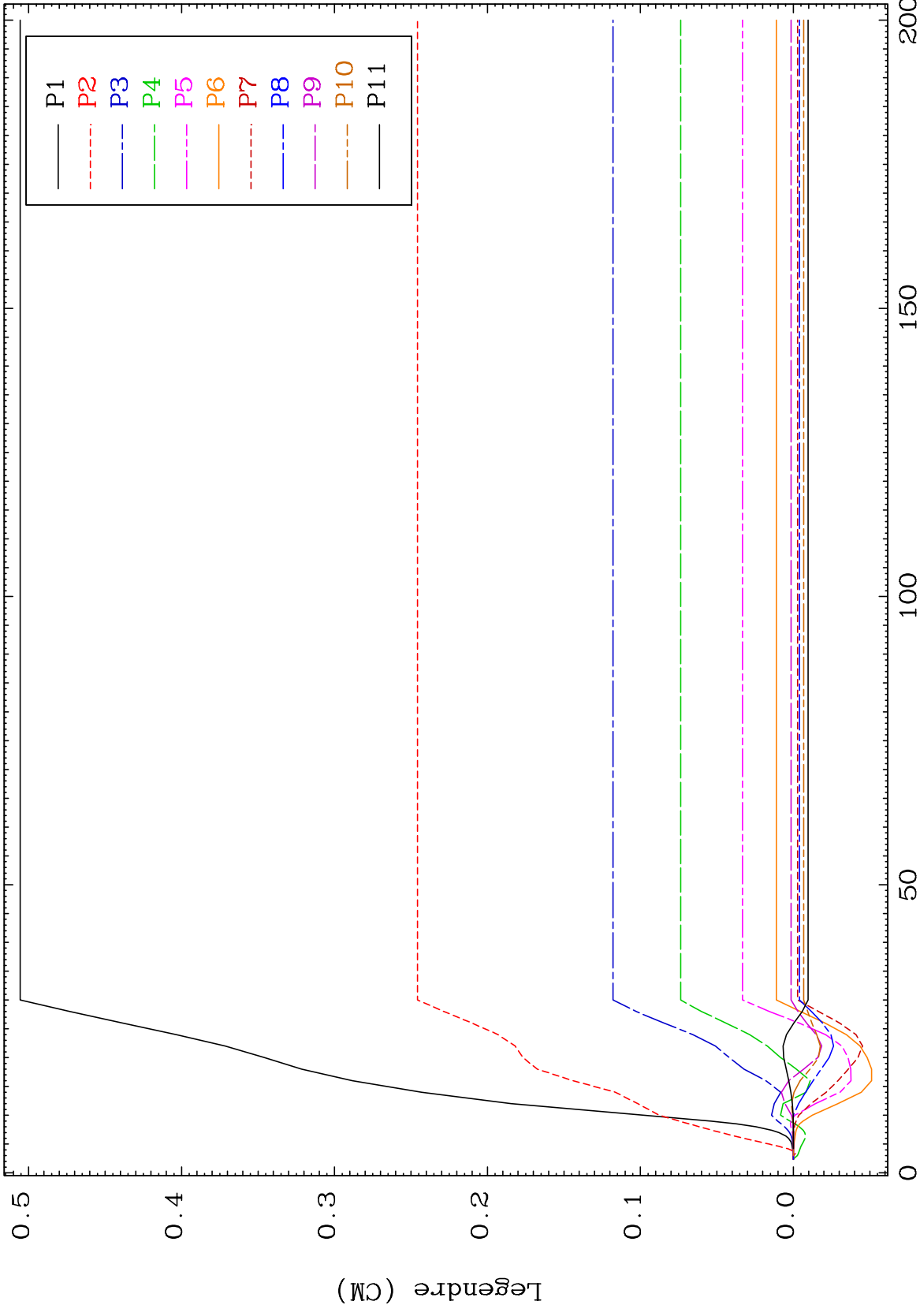
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



28

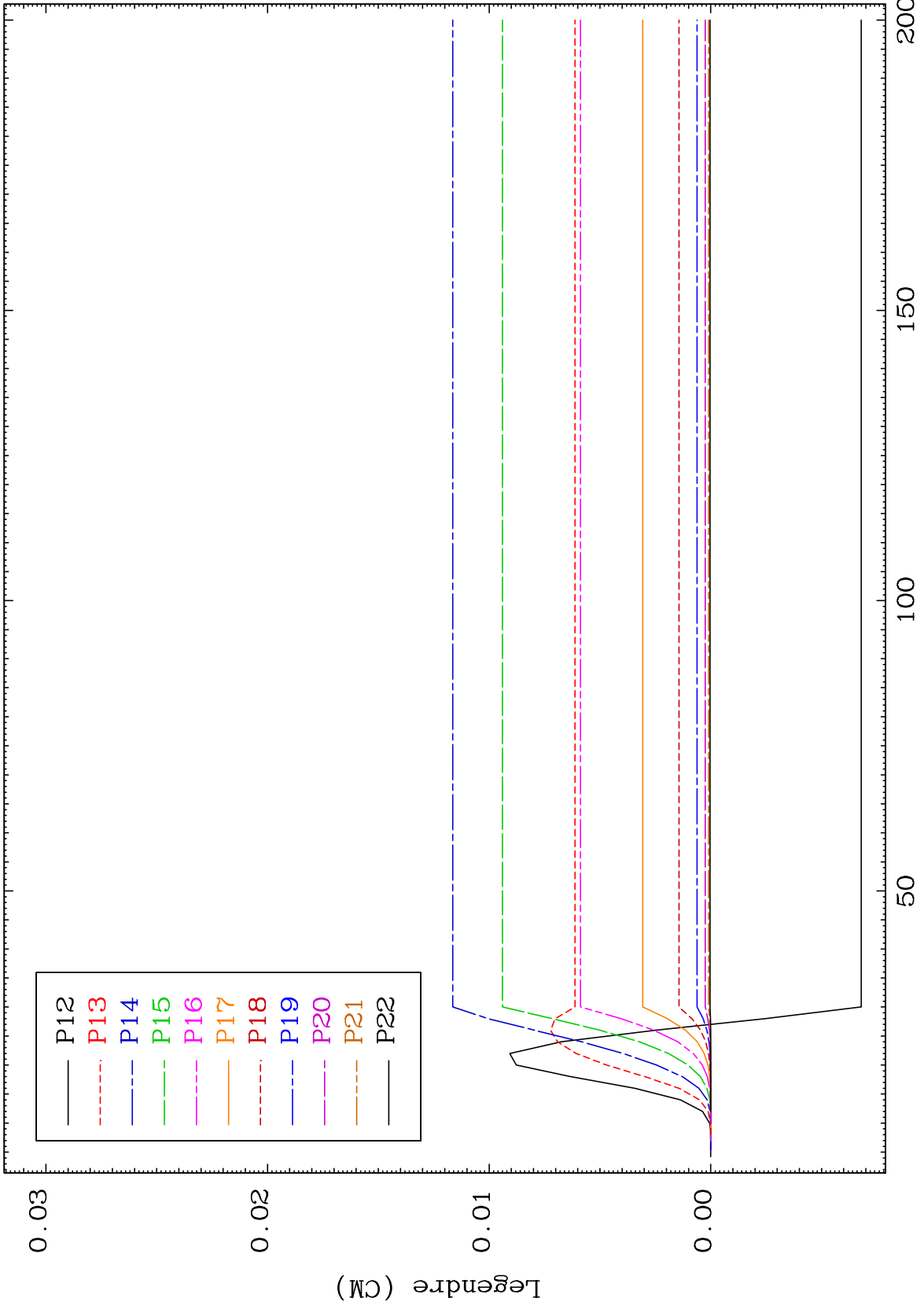
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60



29

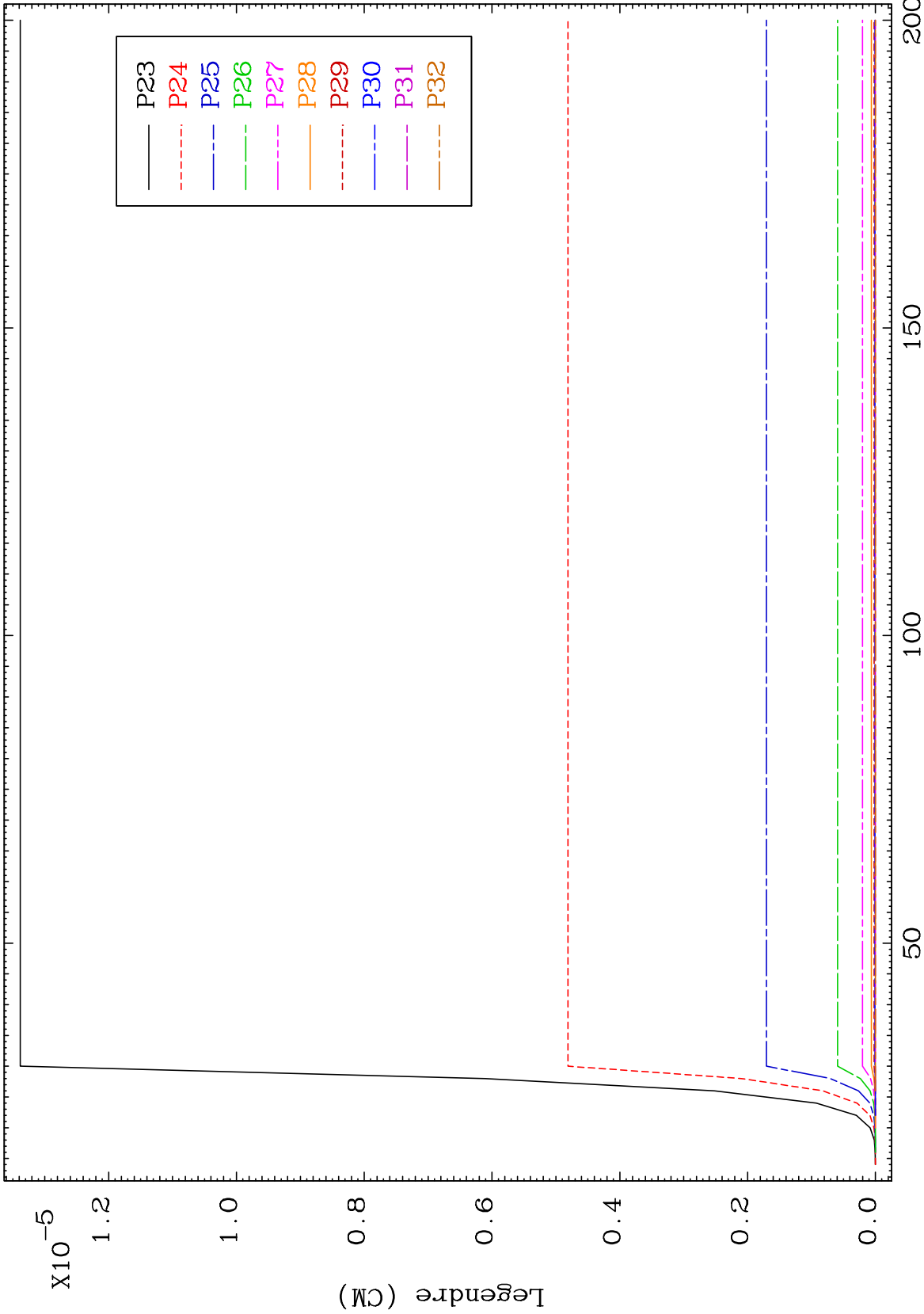
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

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

26-Fe-60

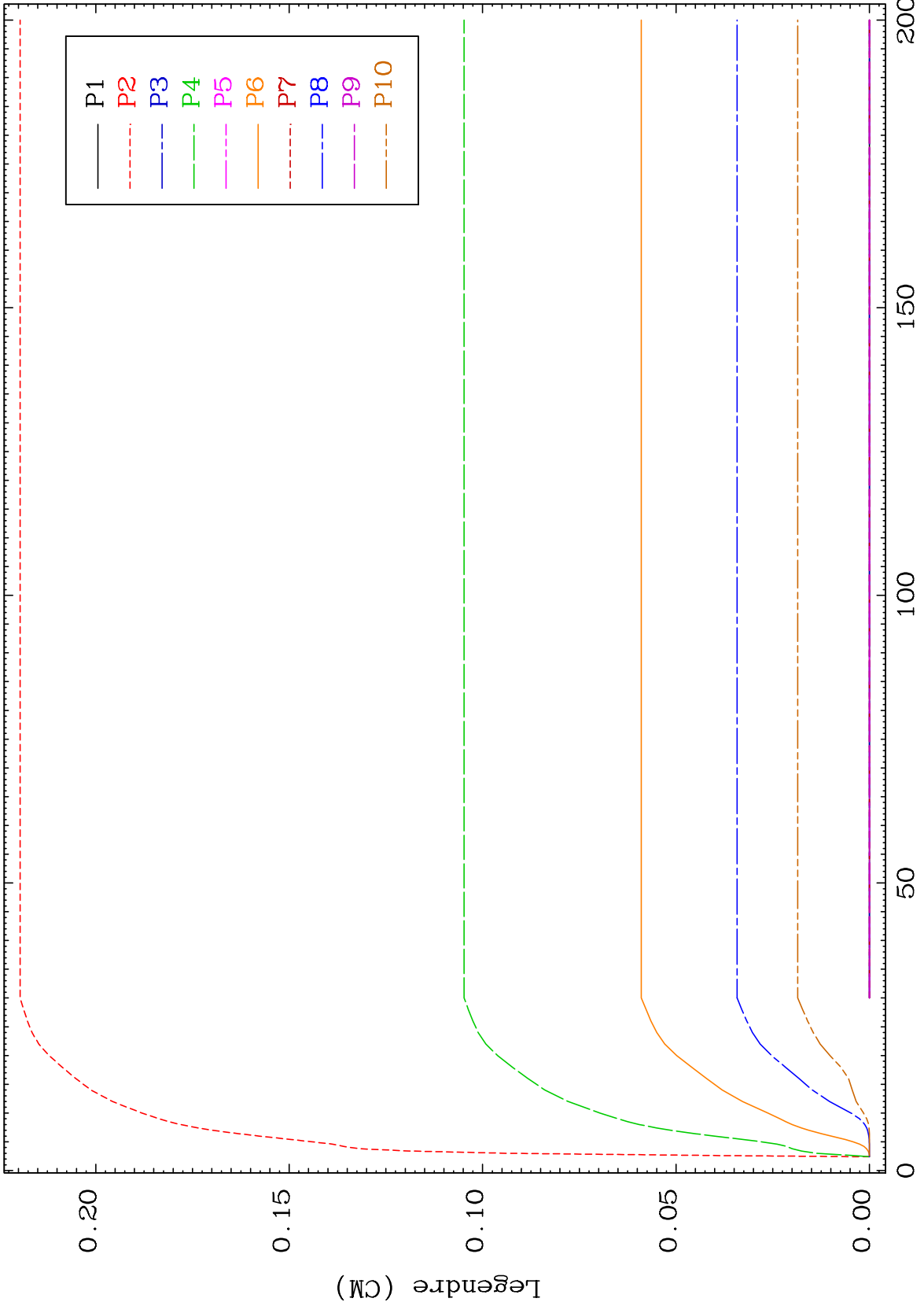


30

Incident Energy (MeV)

26-Fe-60

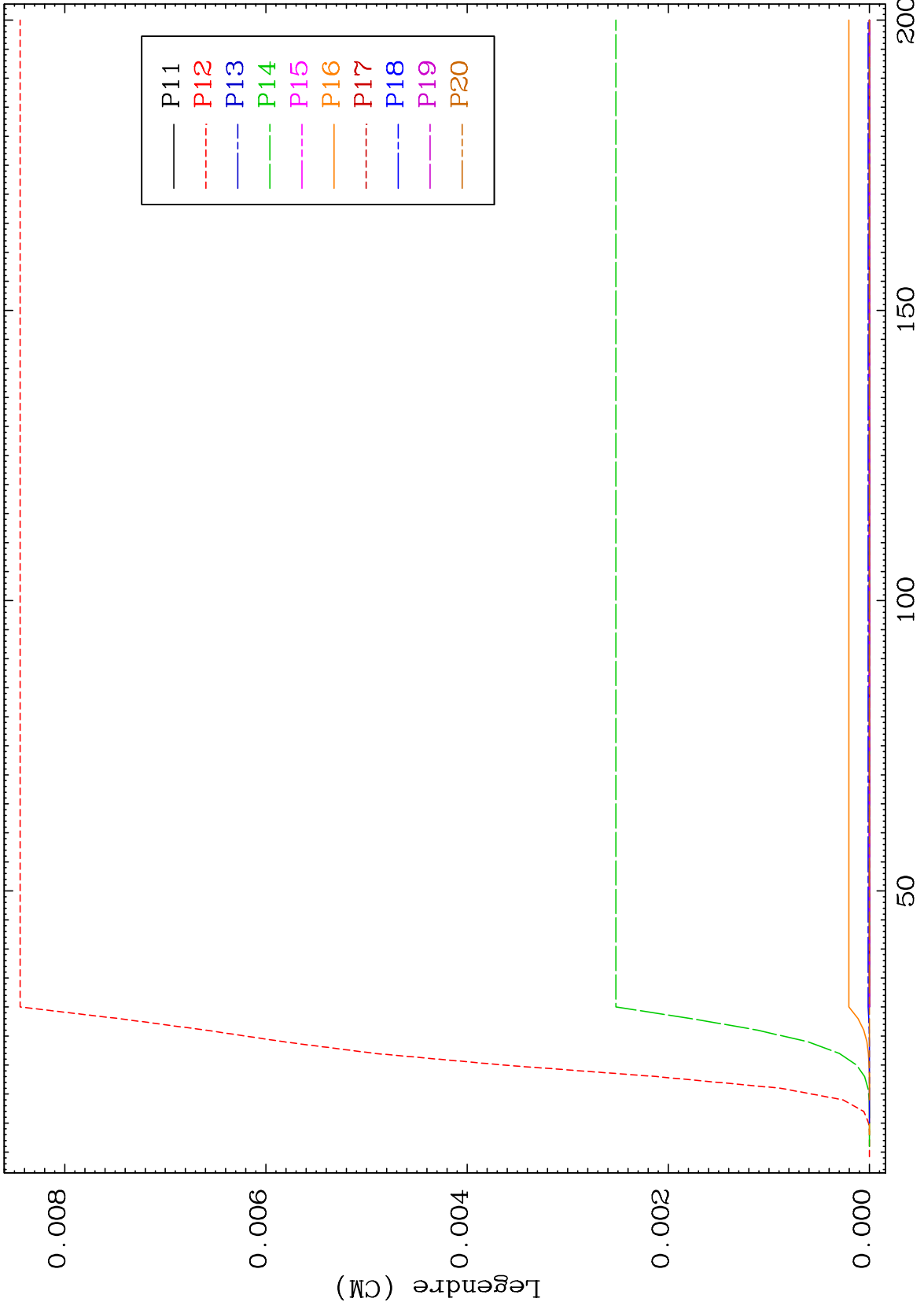
MAT 2643 MT= 55 (n,n') Level Legendre Coefficients 26-Fe-60



31 26-Fe-60

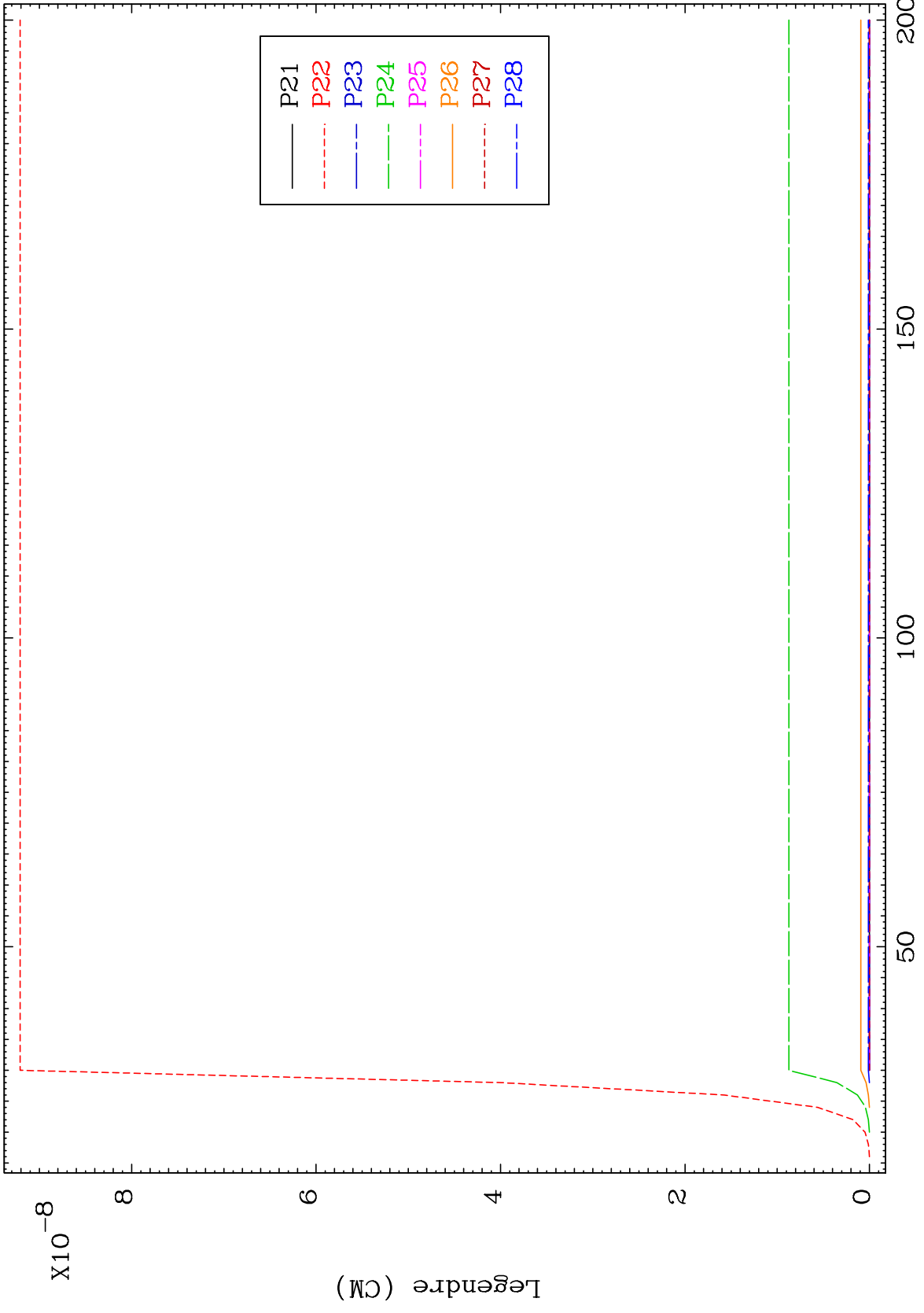


MAT 2643 MT= 55 (n,n') Level Legendre Coefficients 26-Fe-60



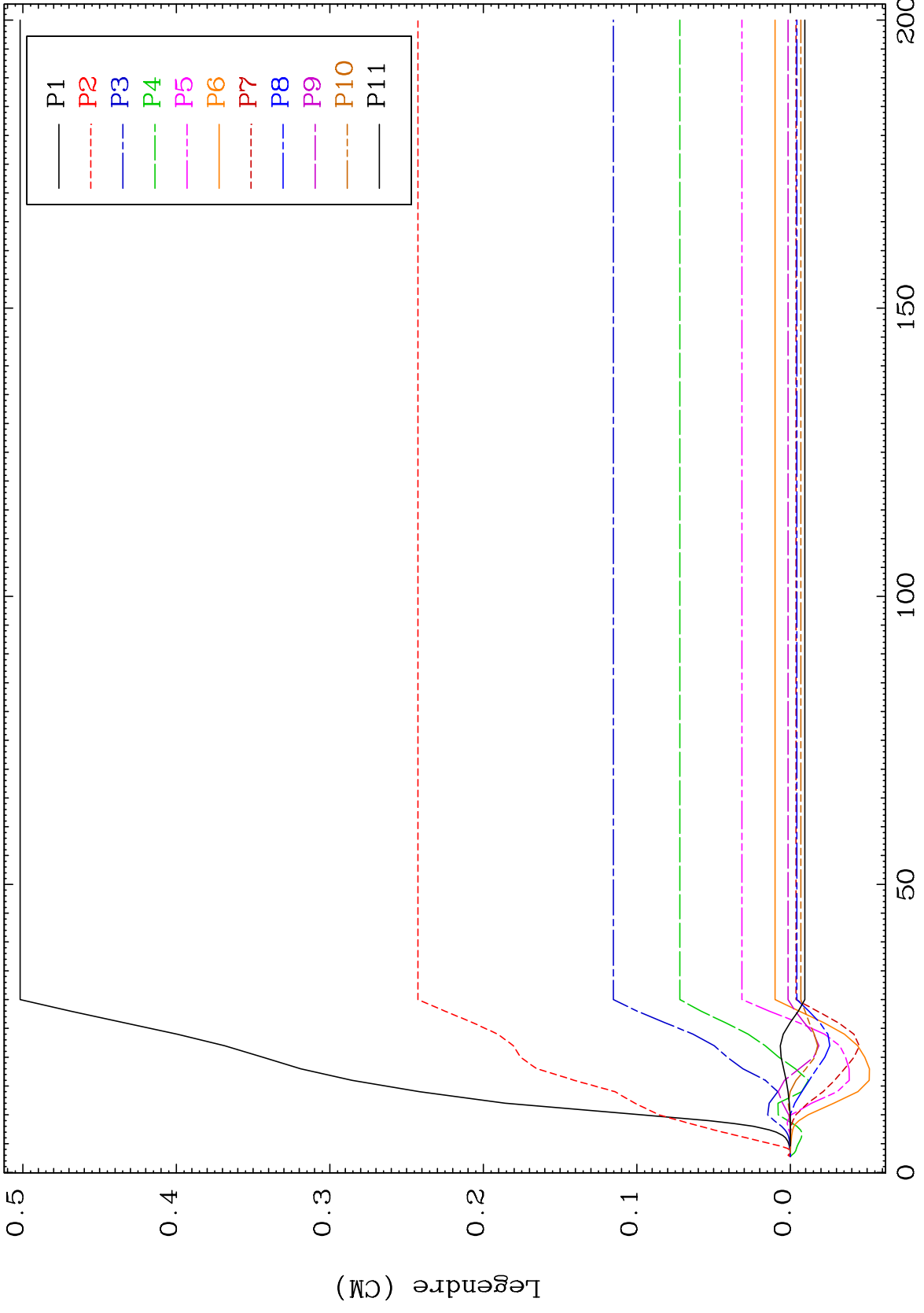
32 Incident Energy (MeV) 26-Fe-60

MAT 2643 MT= 55 (n,n') Level Legendre Coefficients 26-Fe-60



33 50 100 150 200 26-Fe-60

MAT 2643 MT= 56 (n,n') Level Legendre Coefficients 26-Fe-60

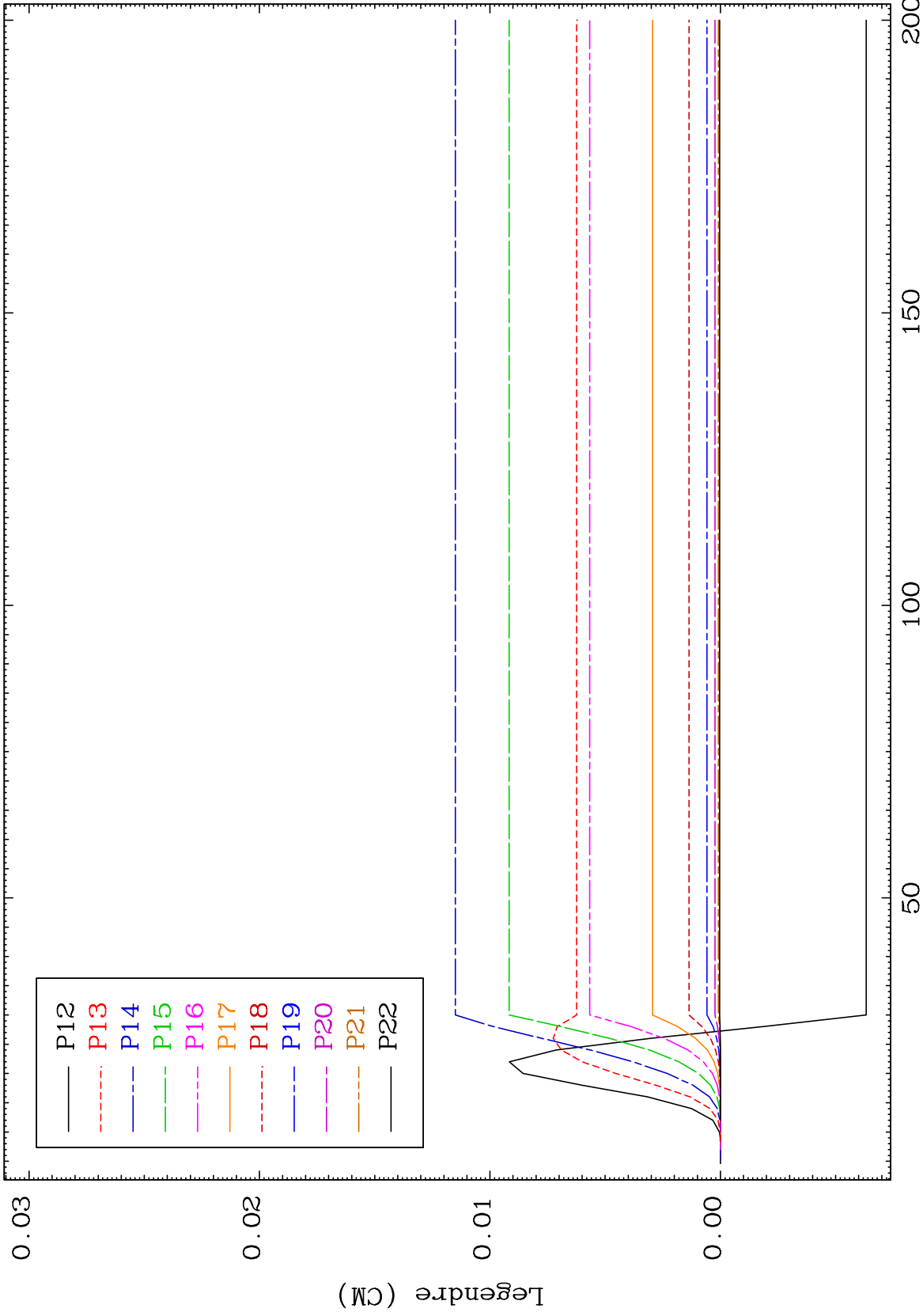


34 Incident Energy (MeV) 26-Fe-60

MAT 2643

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

26-Fe-60

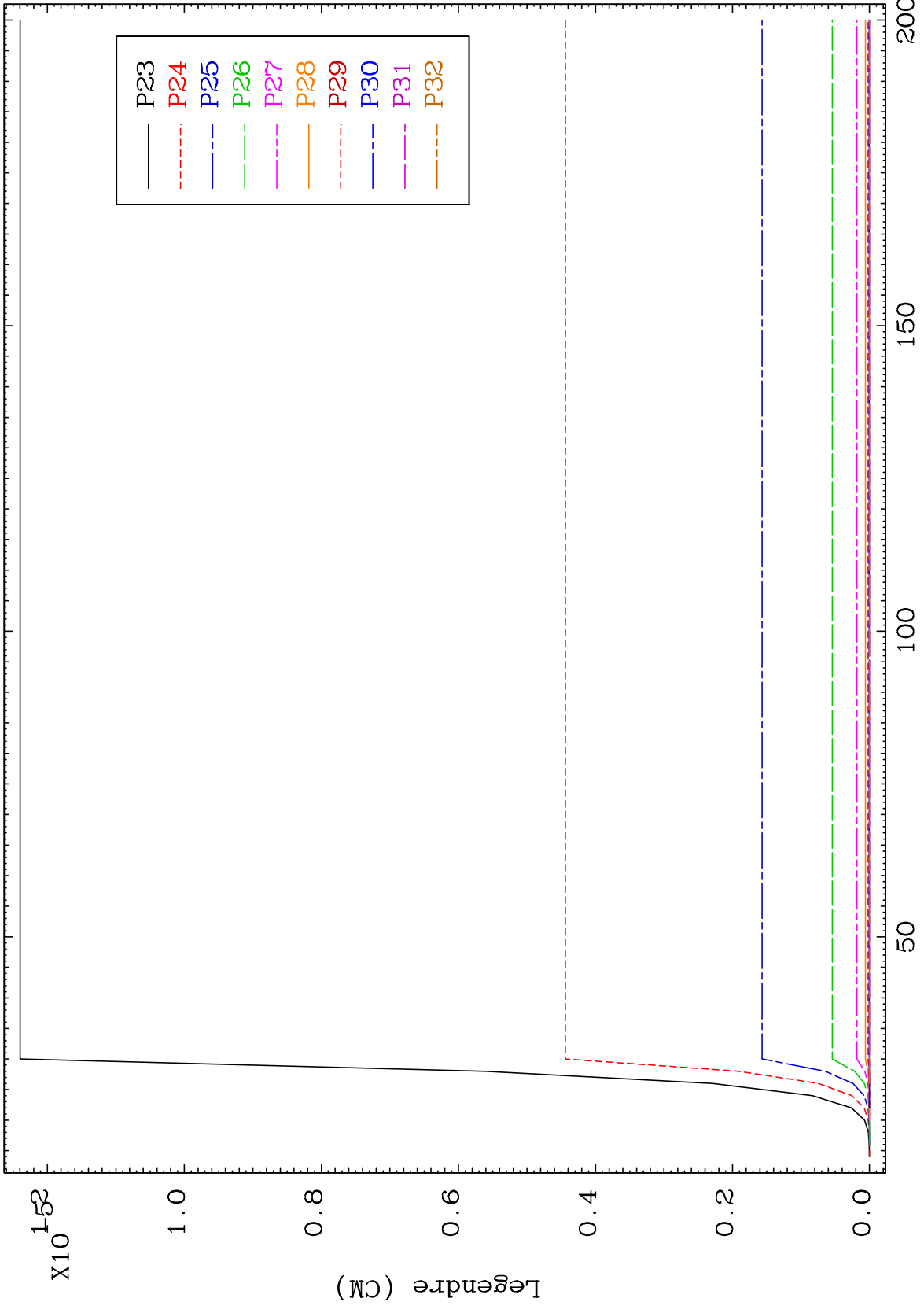


35

Incident Energy (MeV)

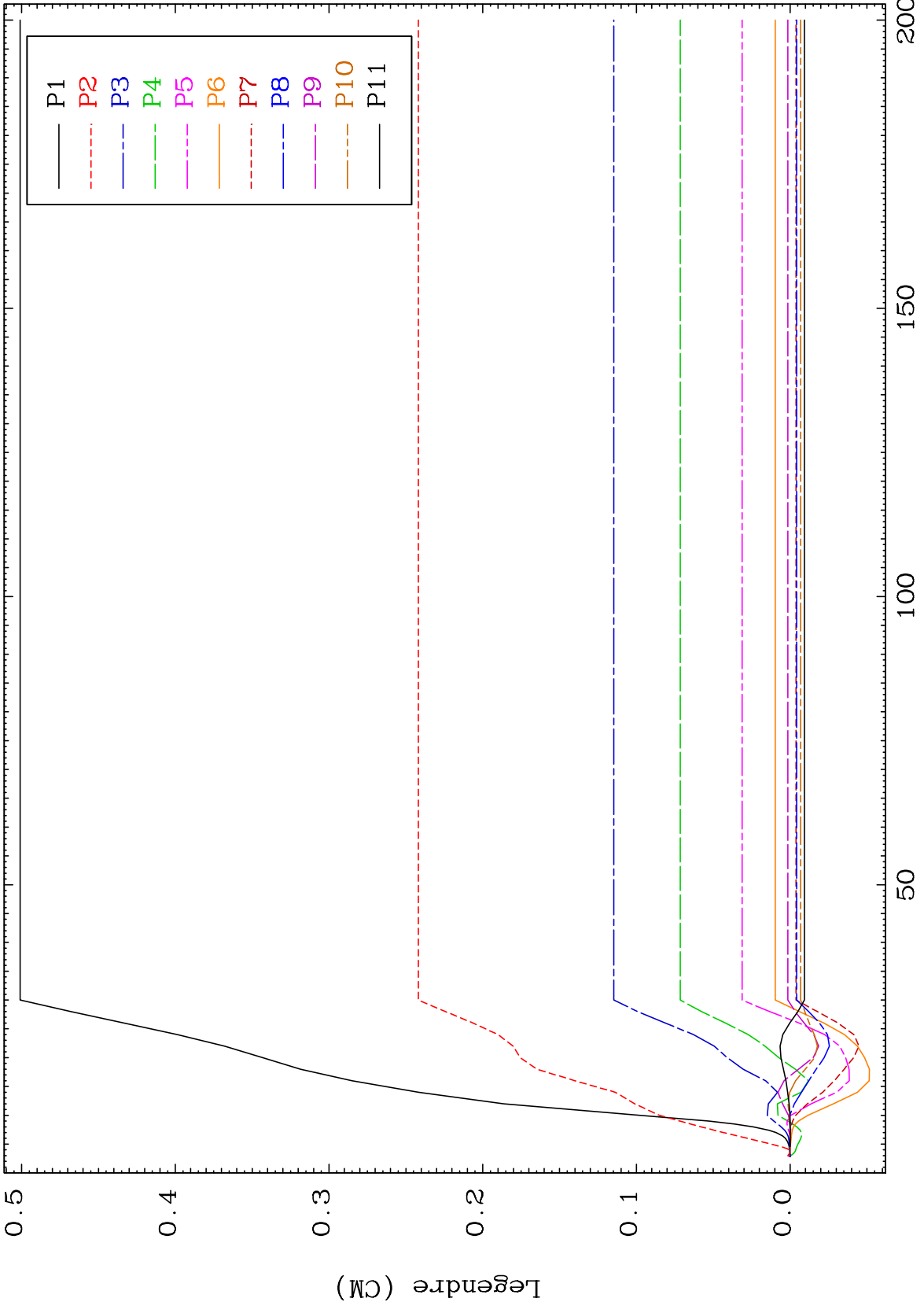
26-Fe-60

MAT 2643 MT= 56 (n,n') Level Legendre Coefficients 26-Fe-60



36 50 100 150 200 26-Fe-60

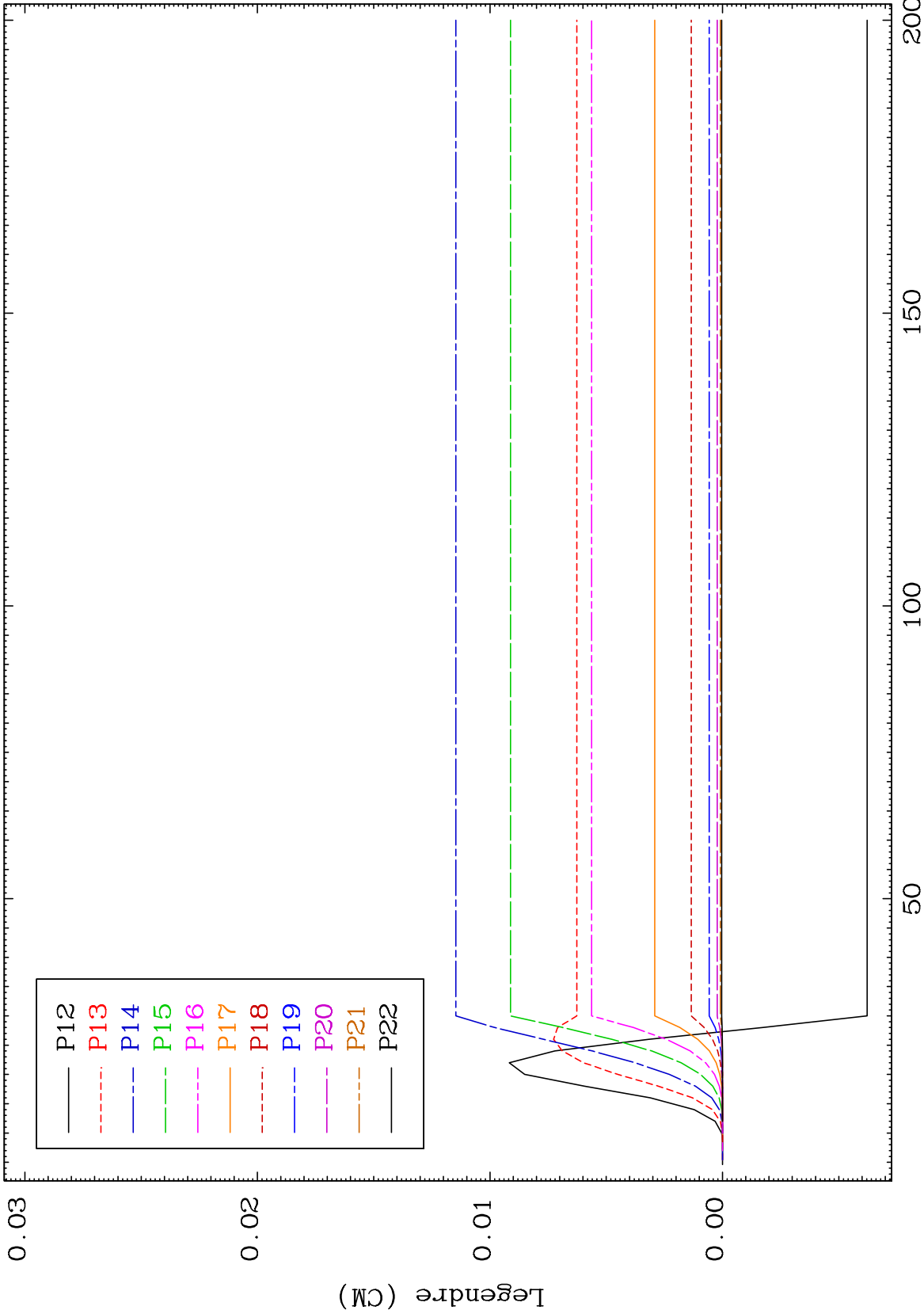
MAT 2643 MT= 57 (n,n') Level Legendre Coefficients 26-Fe-60



MAT 2643

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

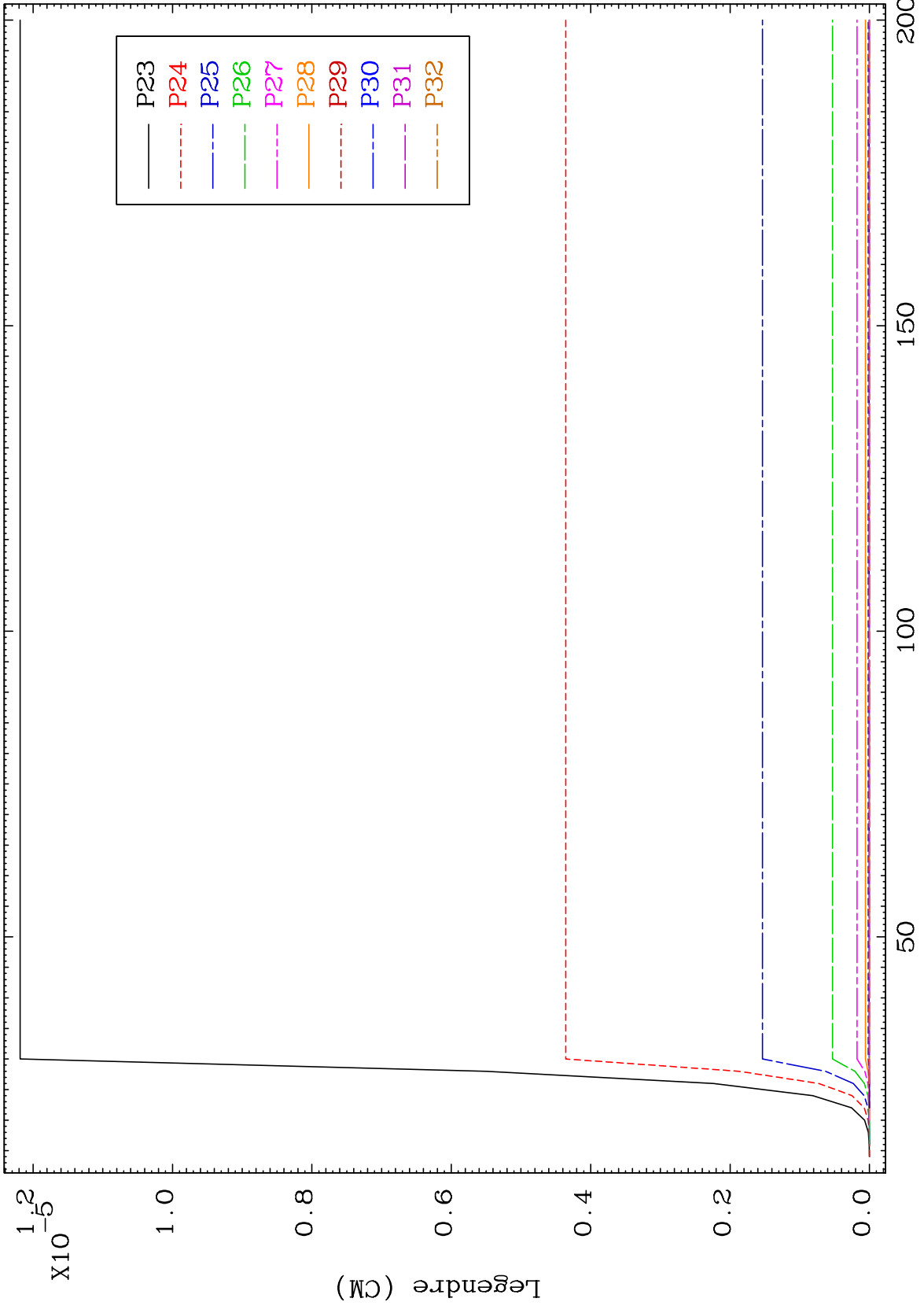
<sup>26</sup>Fe-60



MAT 2643

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

26-Fe-60



39

Incident Energy (MeV)

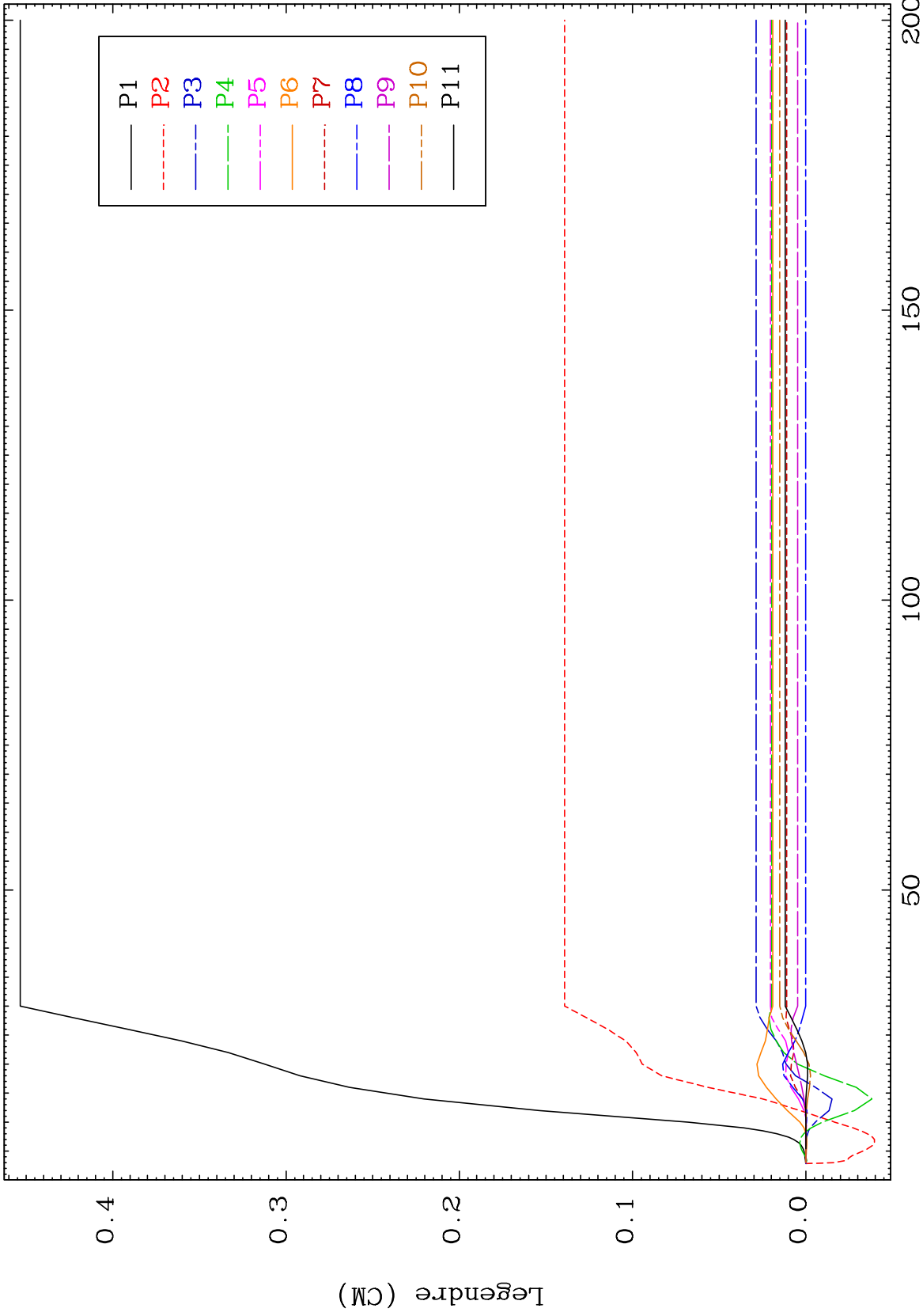
26-Fe-60



MAT 2643

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

26-Fe-60



40

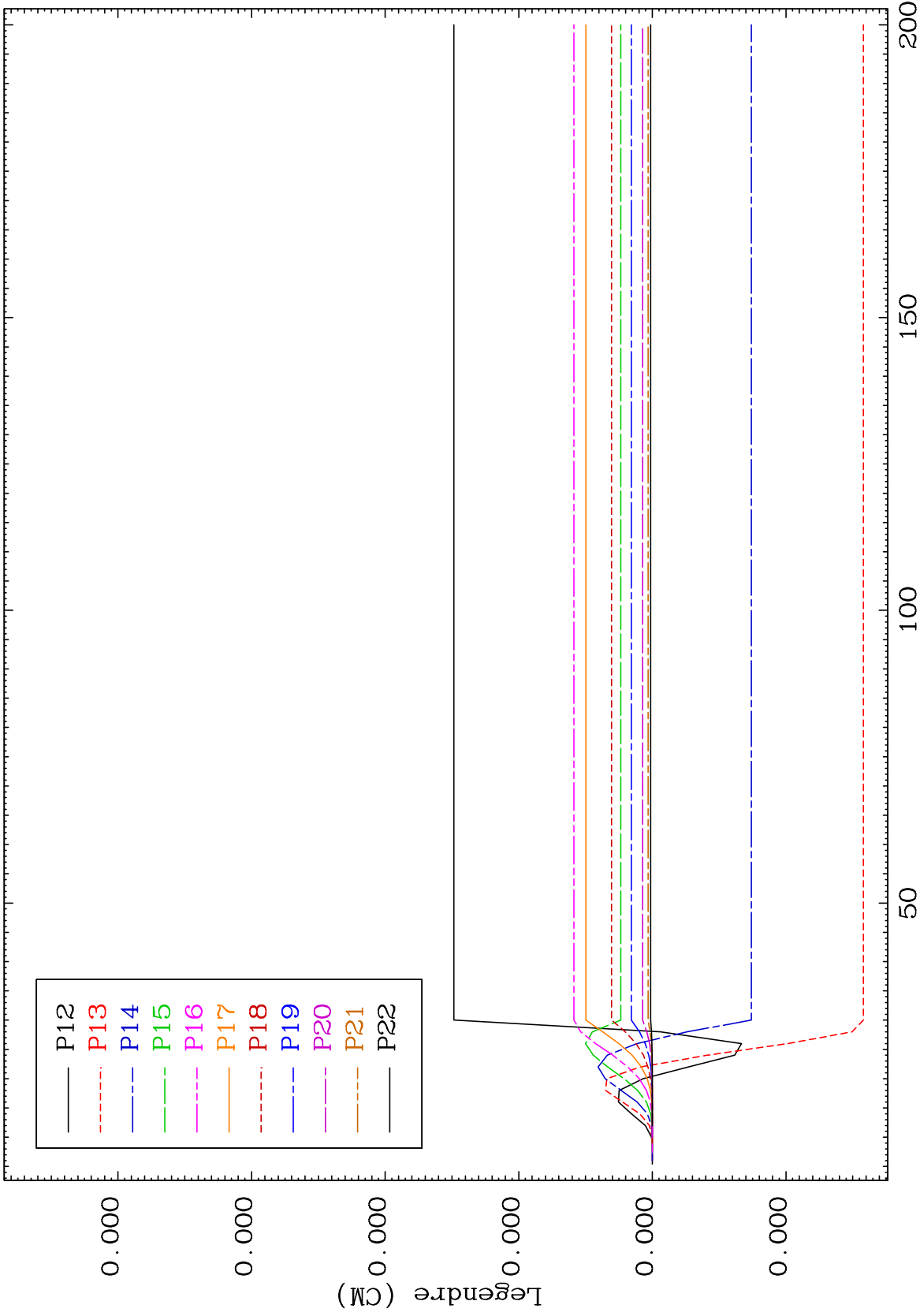
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

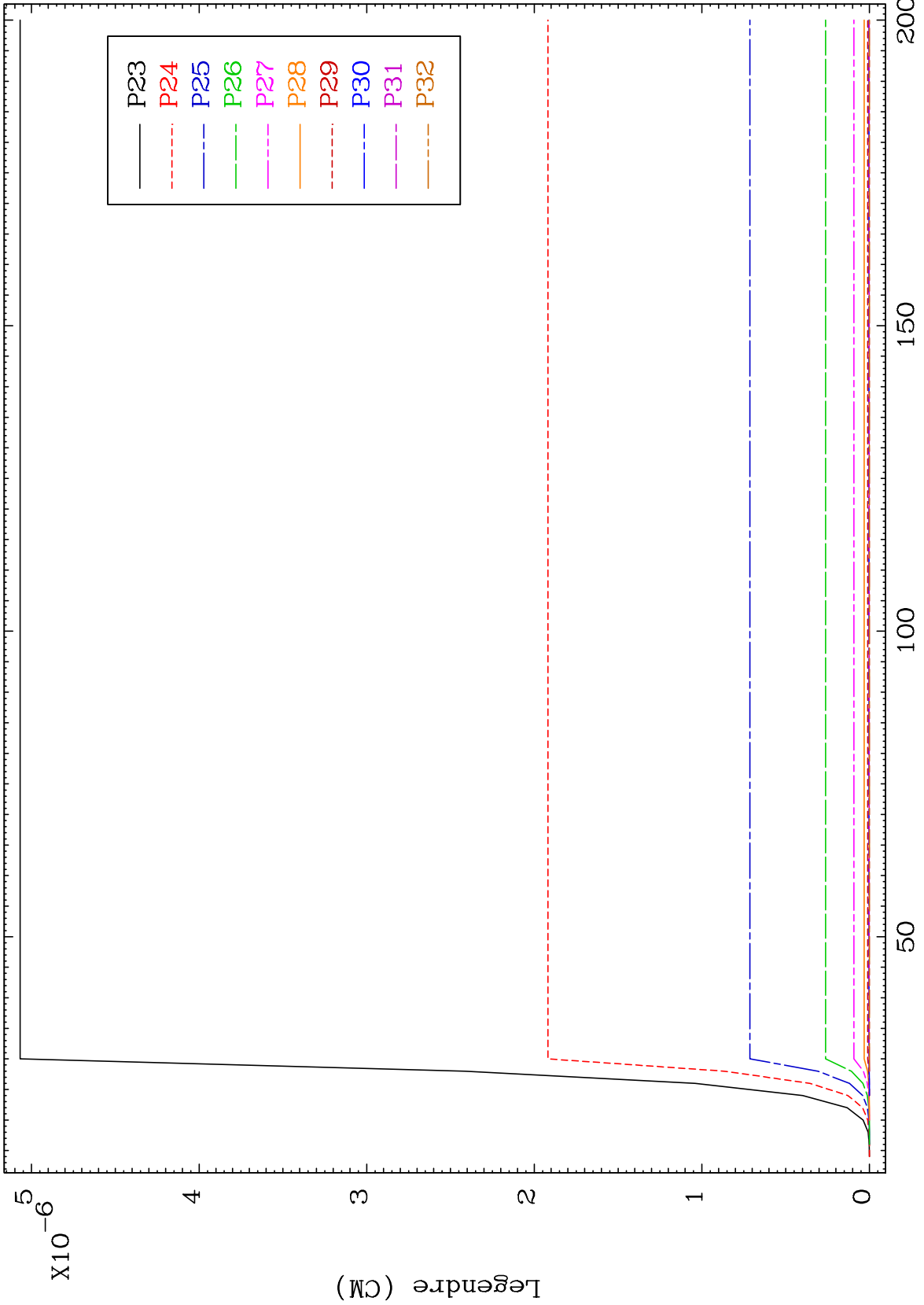
26-Fe-60



MAT 2643

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

26-Fe-60

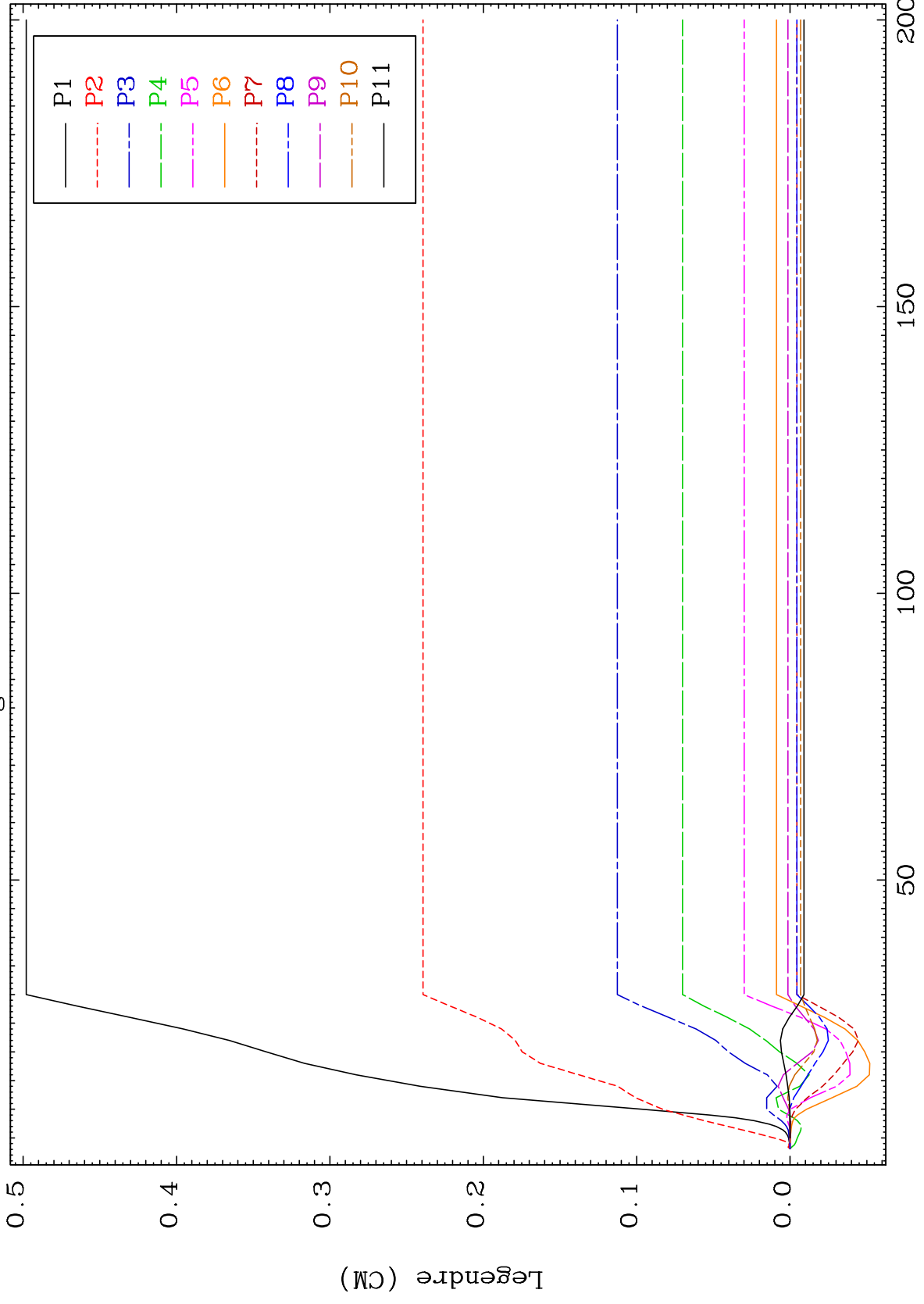


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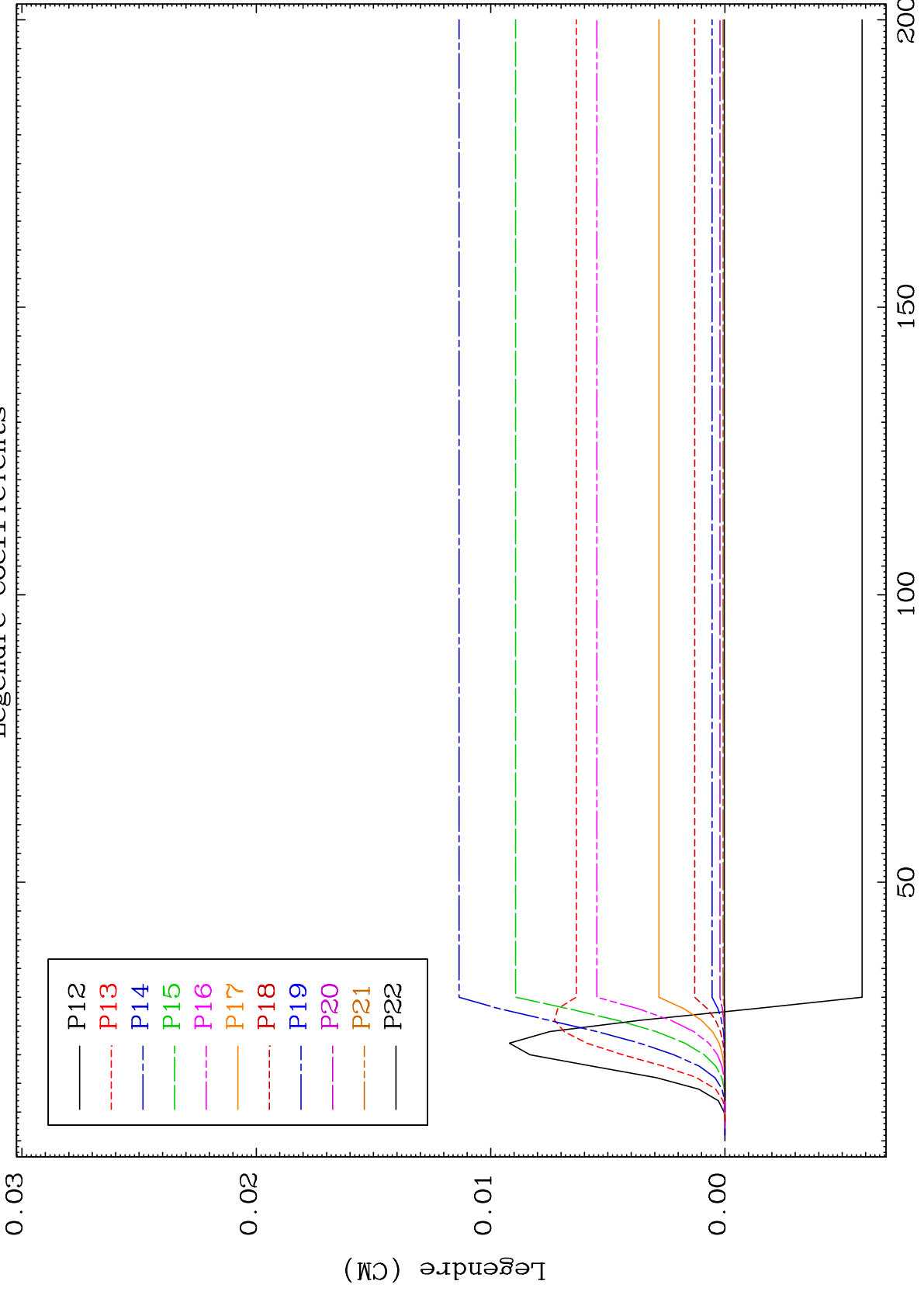
Incident Energy (MeV)

26-Fe-60

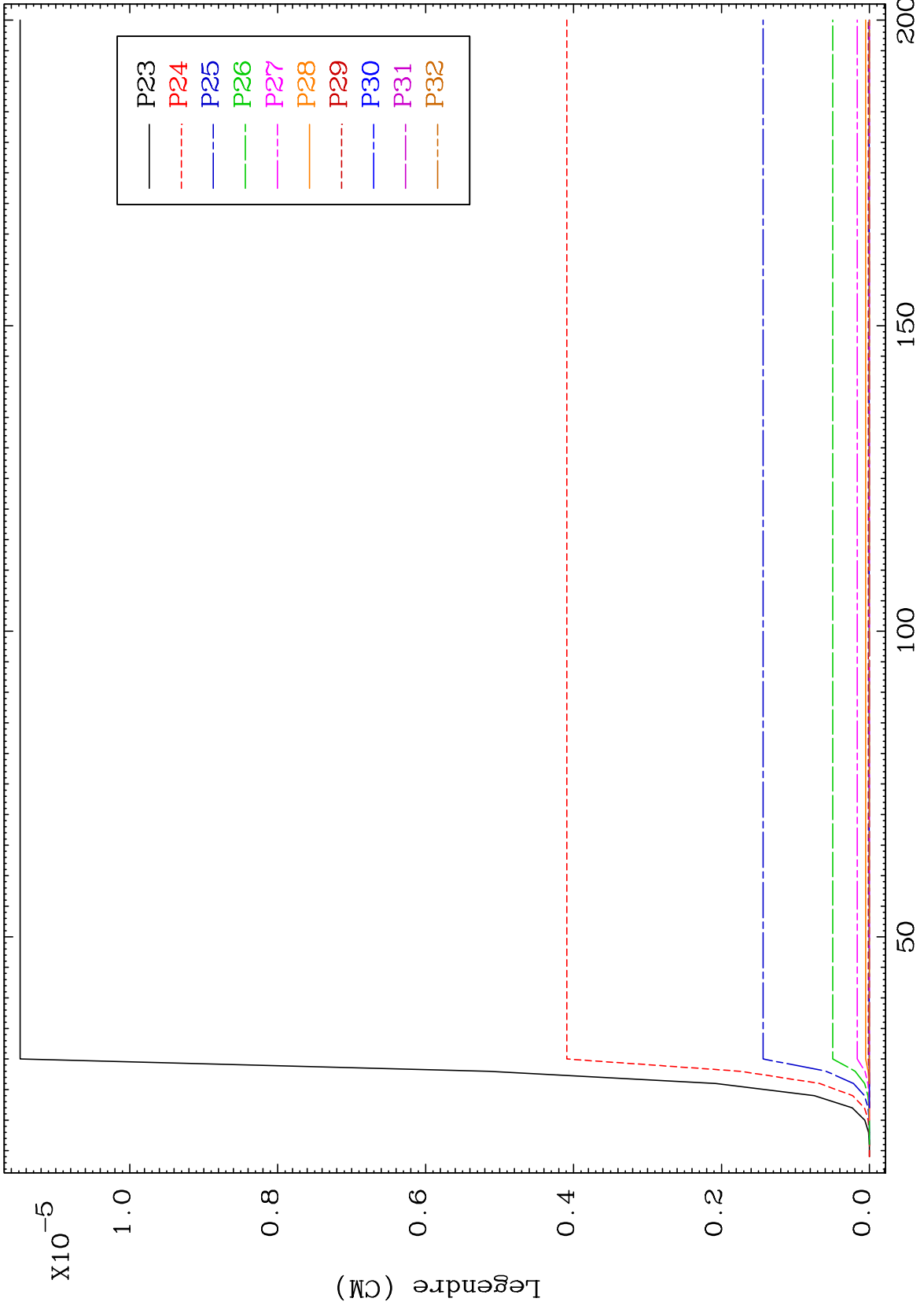
MAT 2643 MT= 59 (n,n') Level Legendre Coefficients 26-Fe-60



MAT 2643 MT= 59 (n, n') Level Legendre Coefficients 26-Fe-60



MAT 2643 MT= 59 (n,n') Level Legendre Coefficients 26-Fe-60

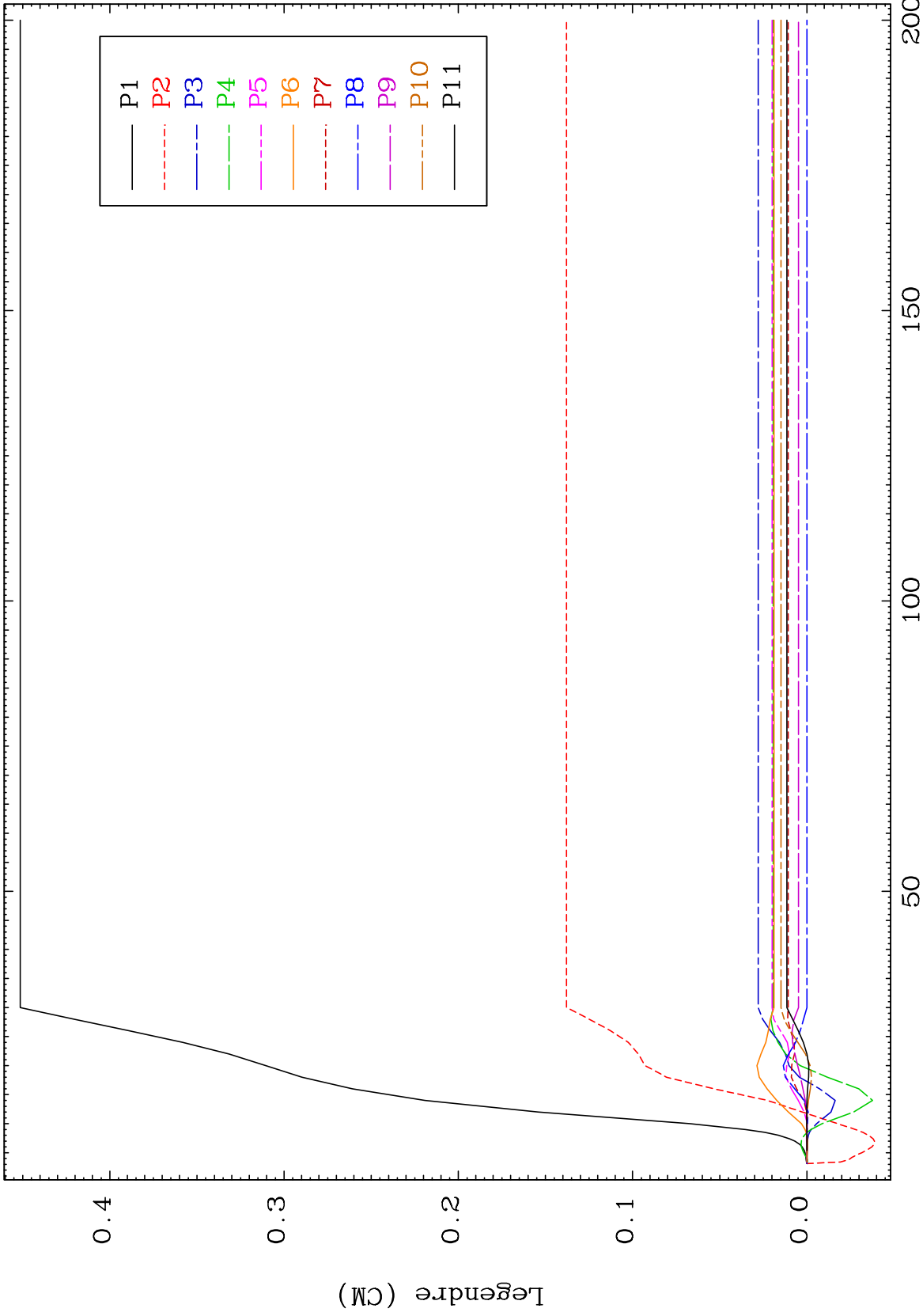


45 50 100 150 200 26-Fe-60

MAT 2643

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

26-Fe-60



46

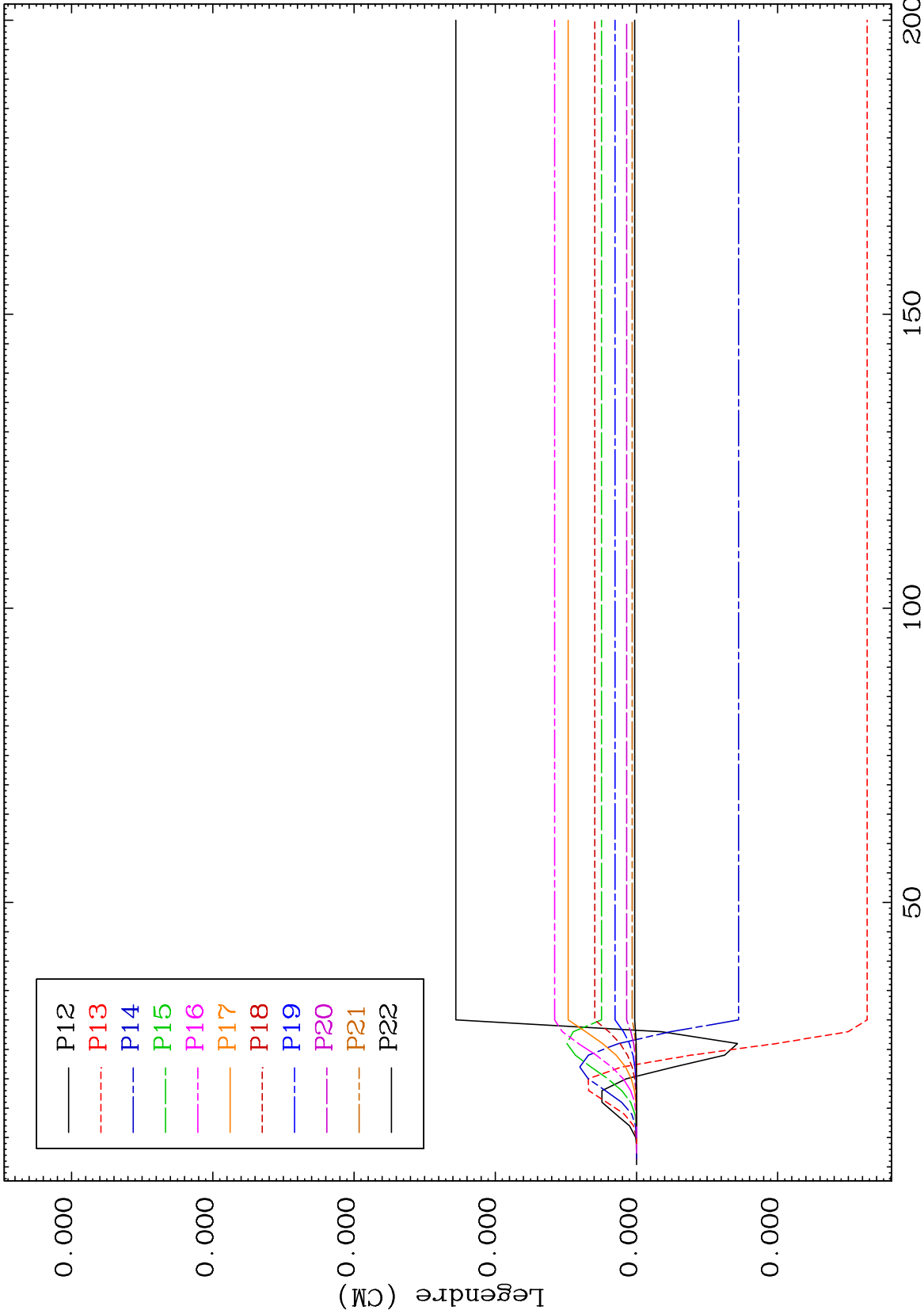
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60

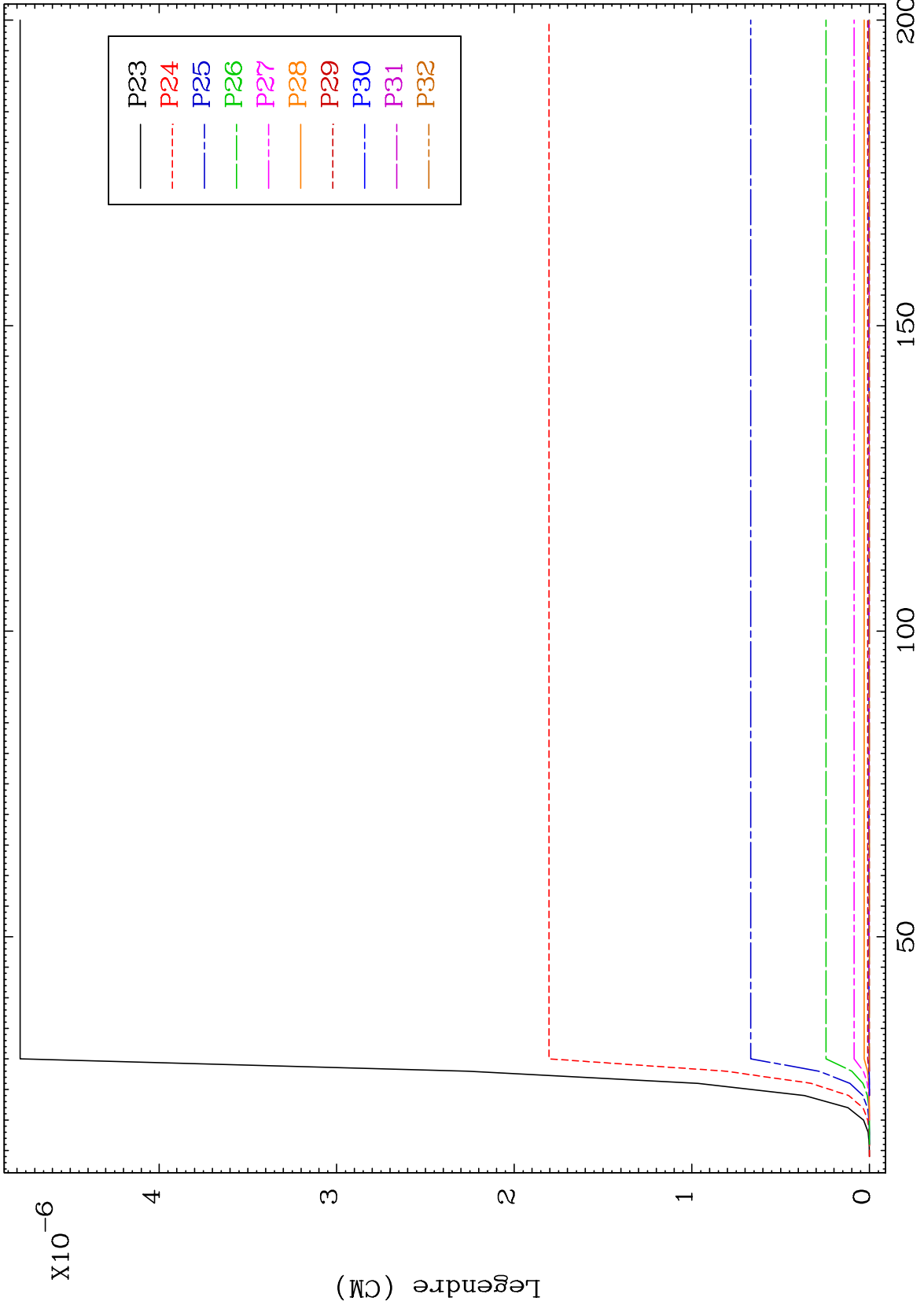




MAT 2643

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

26-Fe-60



48

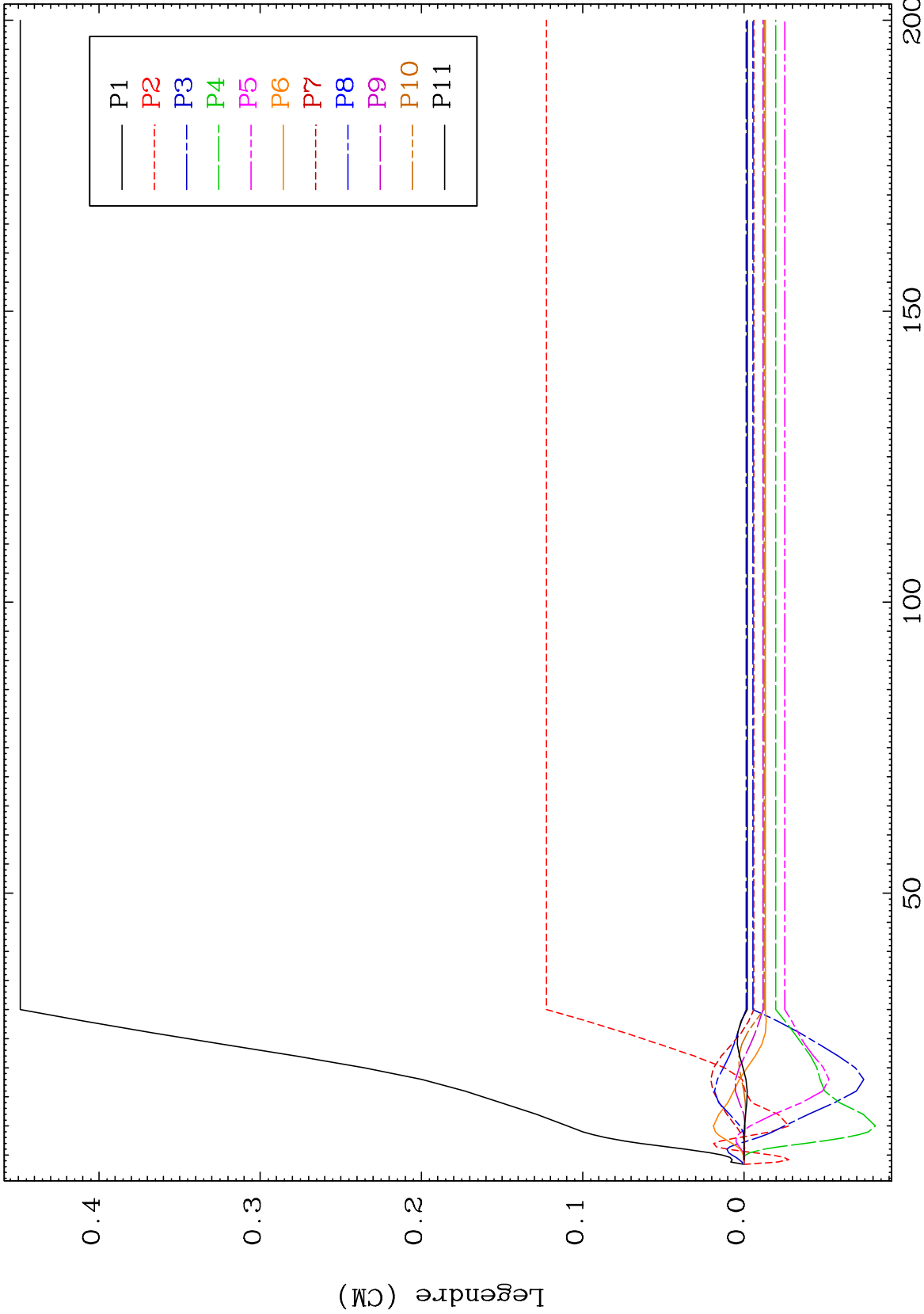
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



49

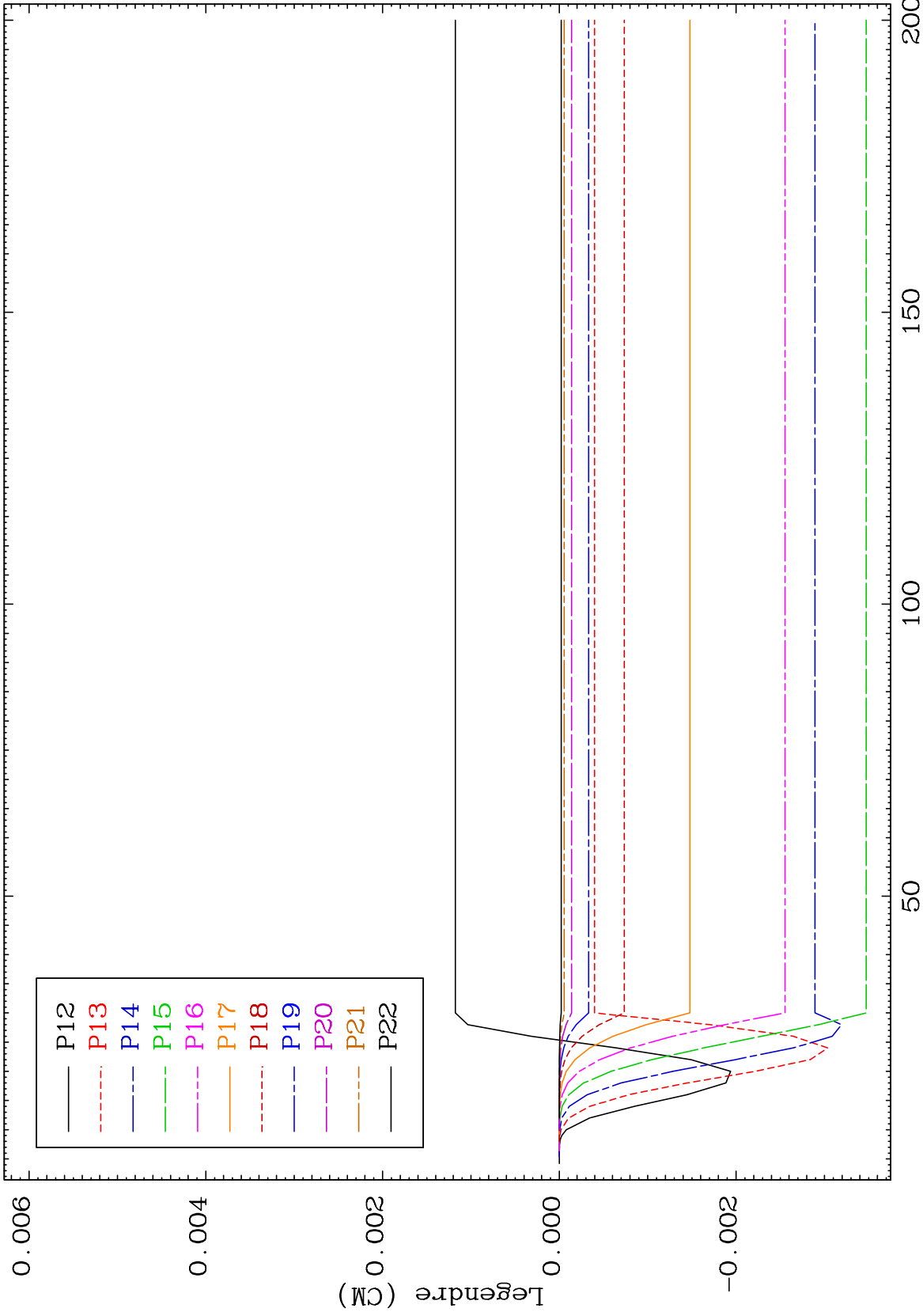
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60



50

Incident Energy (MeV)

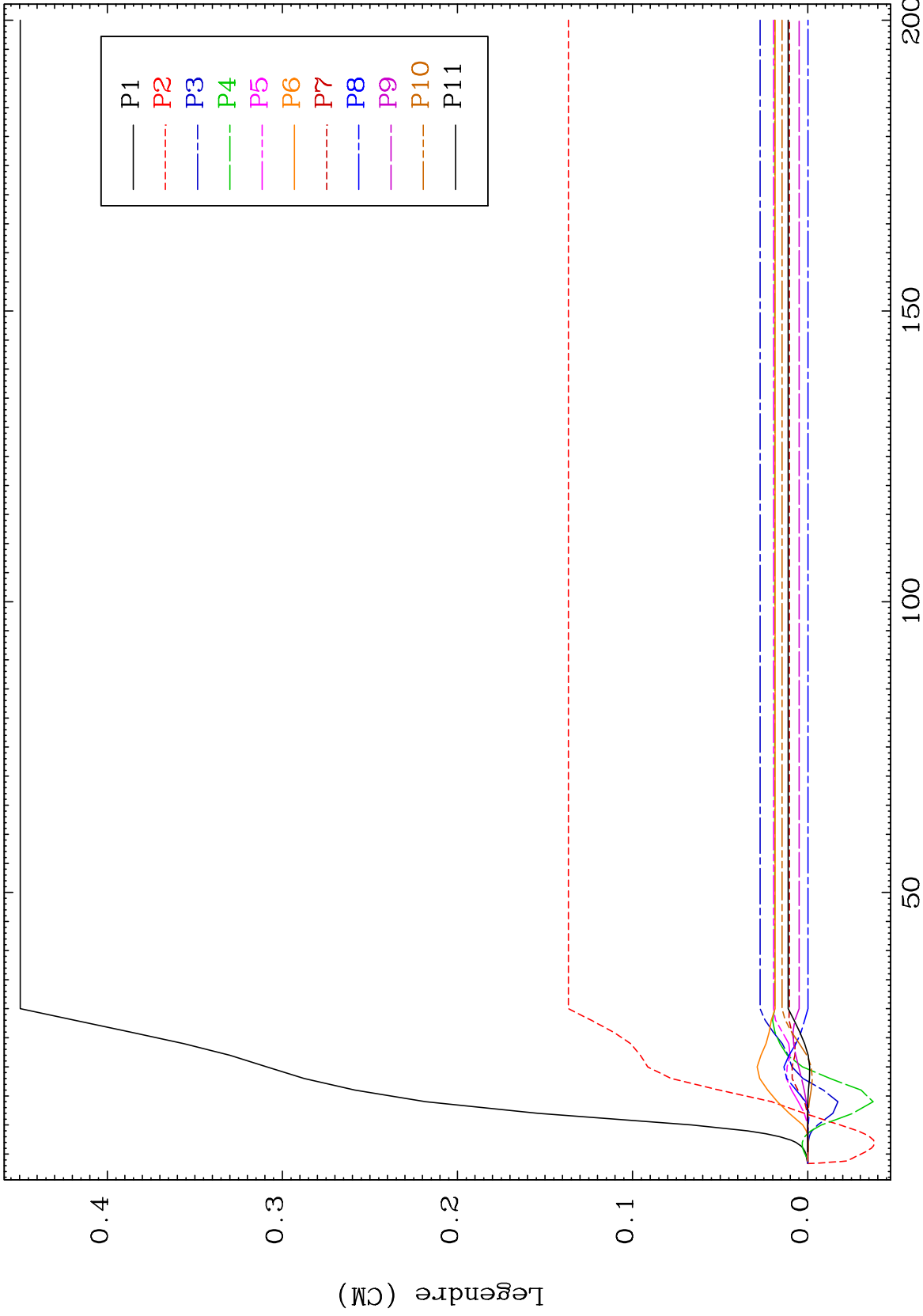
<sup>26</sup>Fe-60



MAT 2643

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

26-Fe-60



52

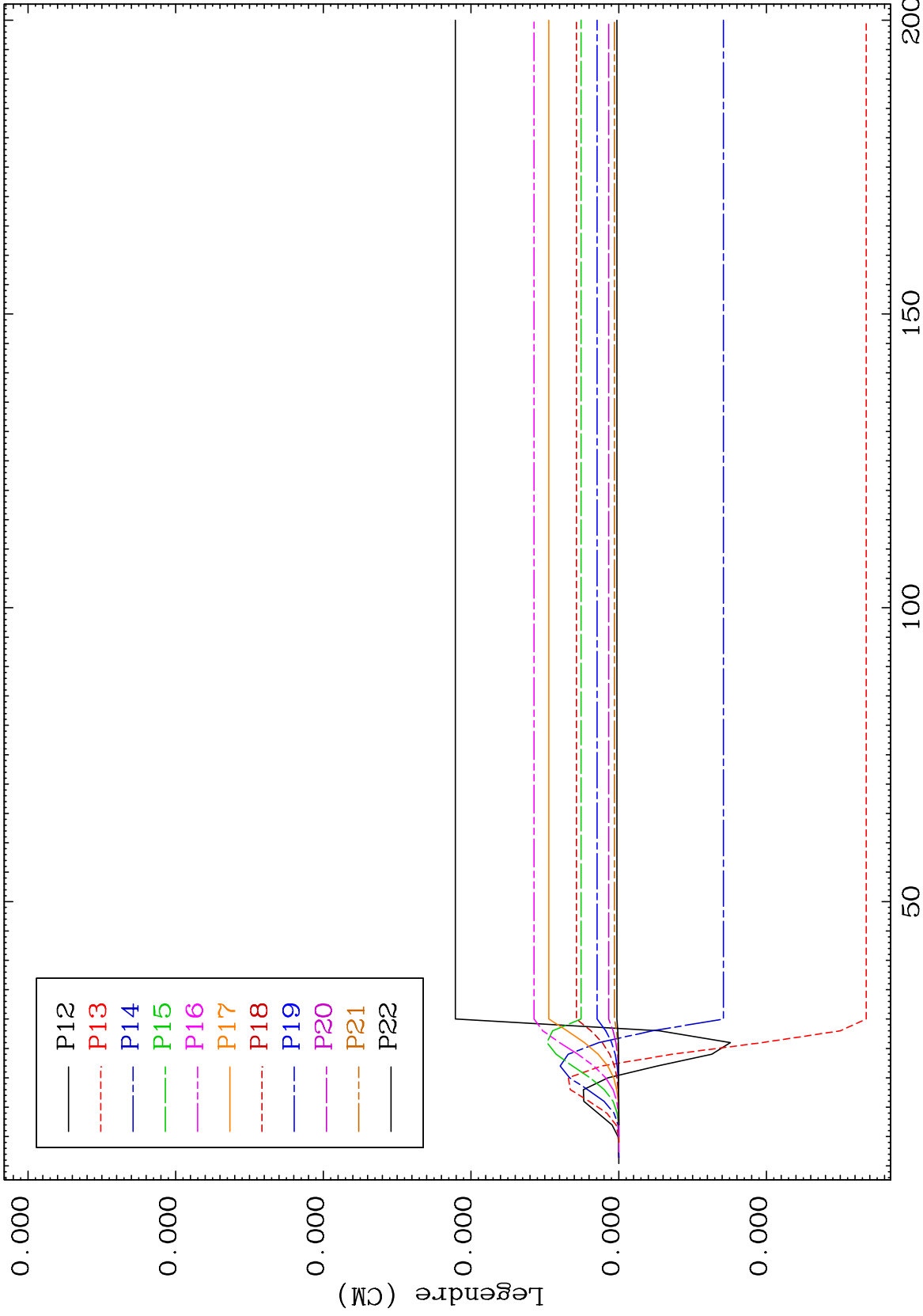
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60



53

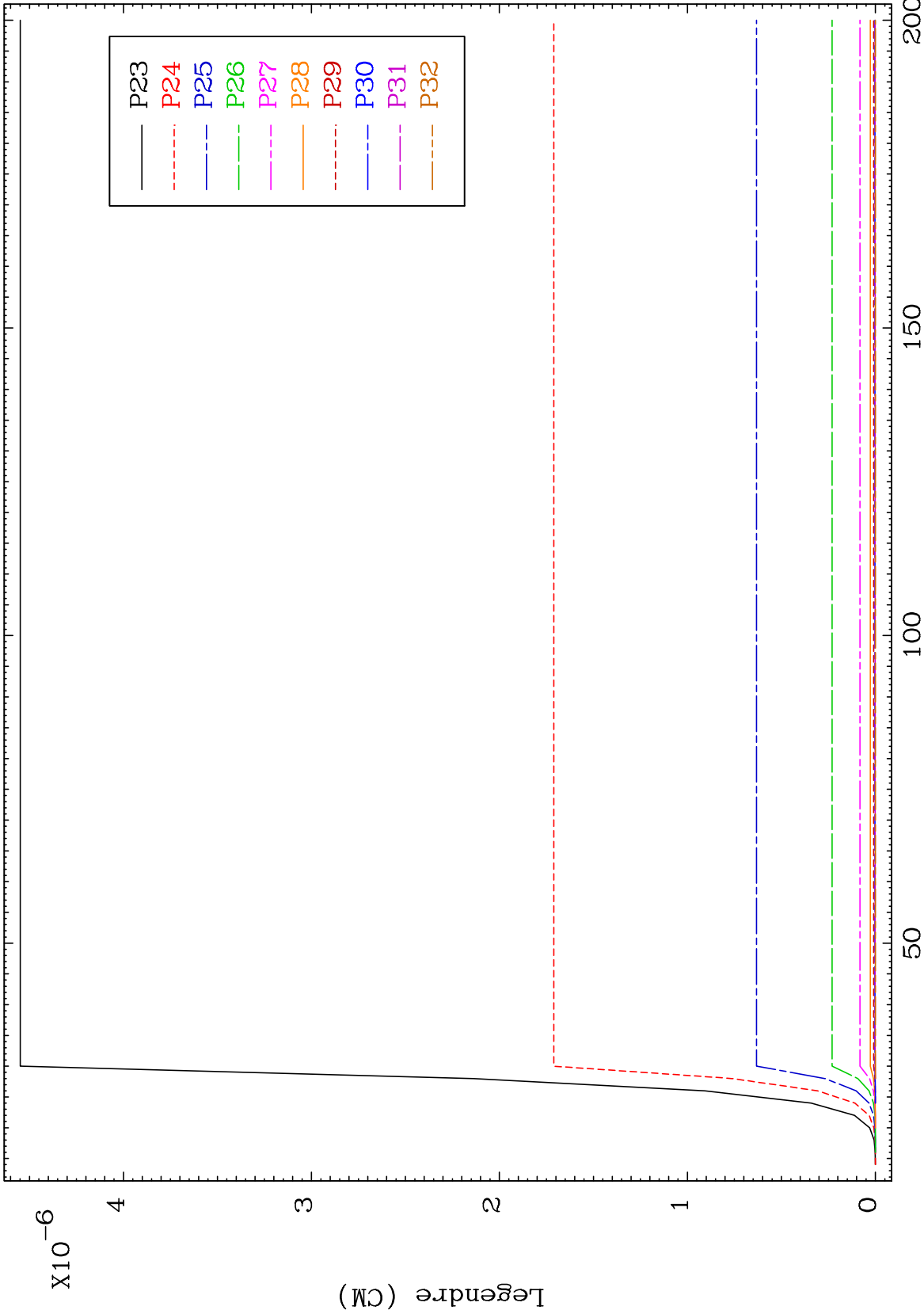
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

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

26-Fe-60



54

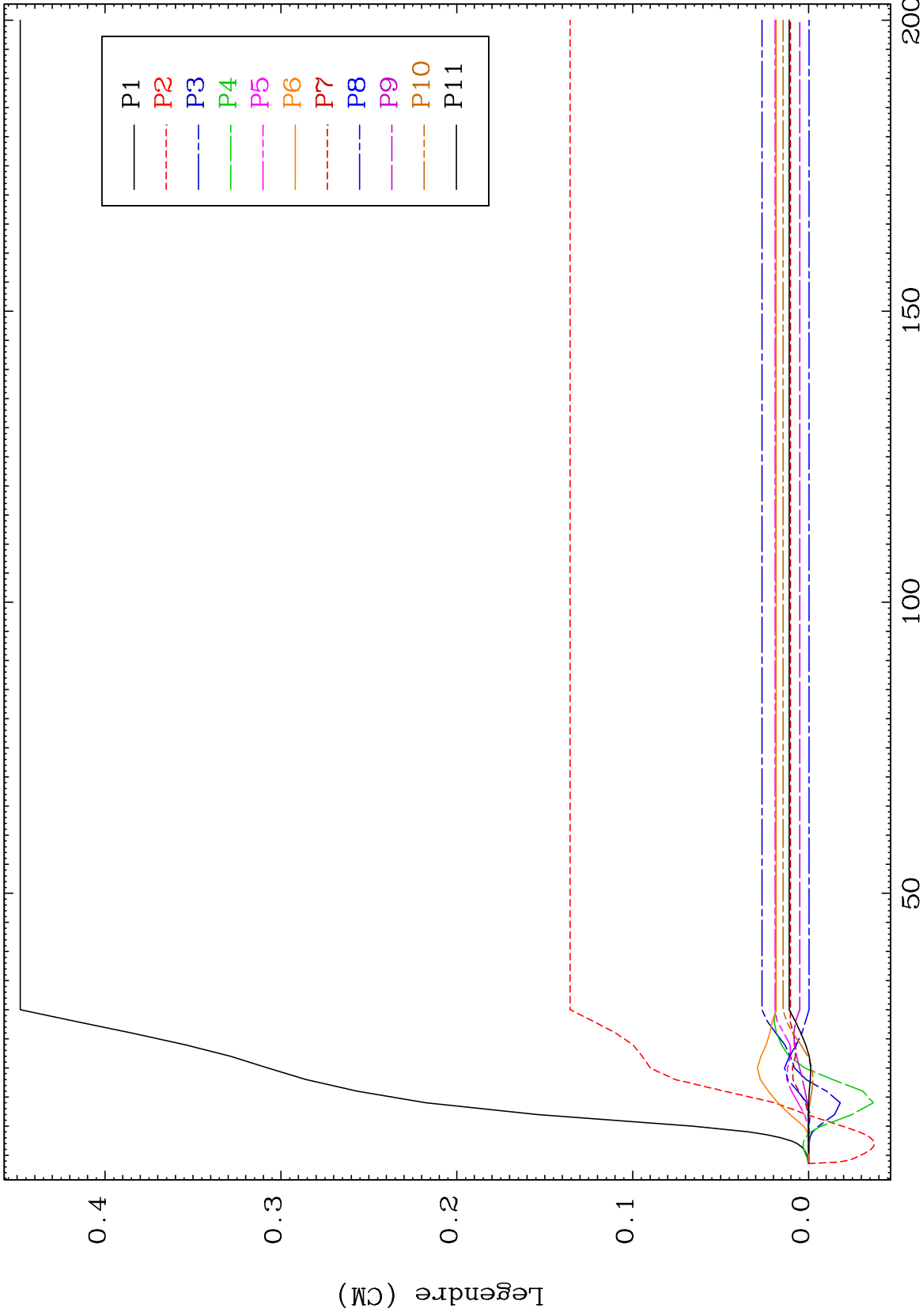
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



55

Incident Energy (MeV)

50

100

150

200

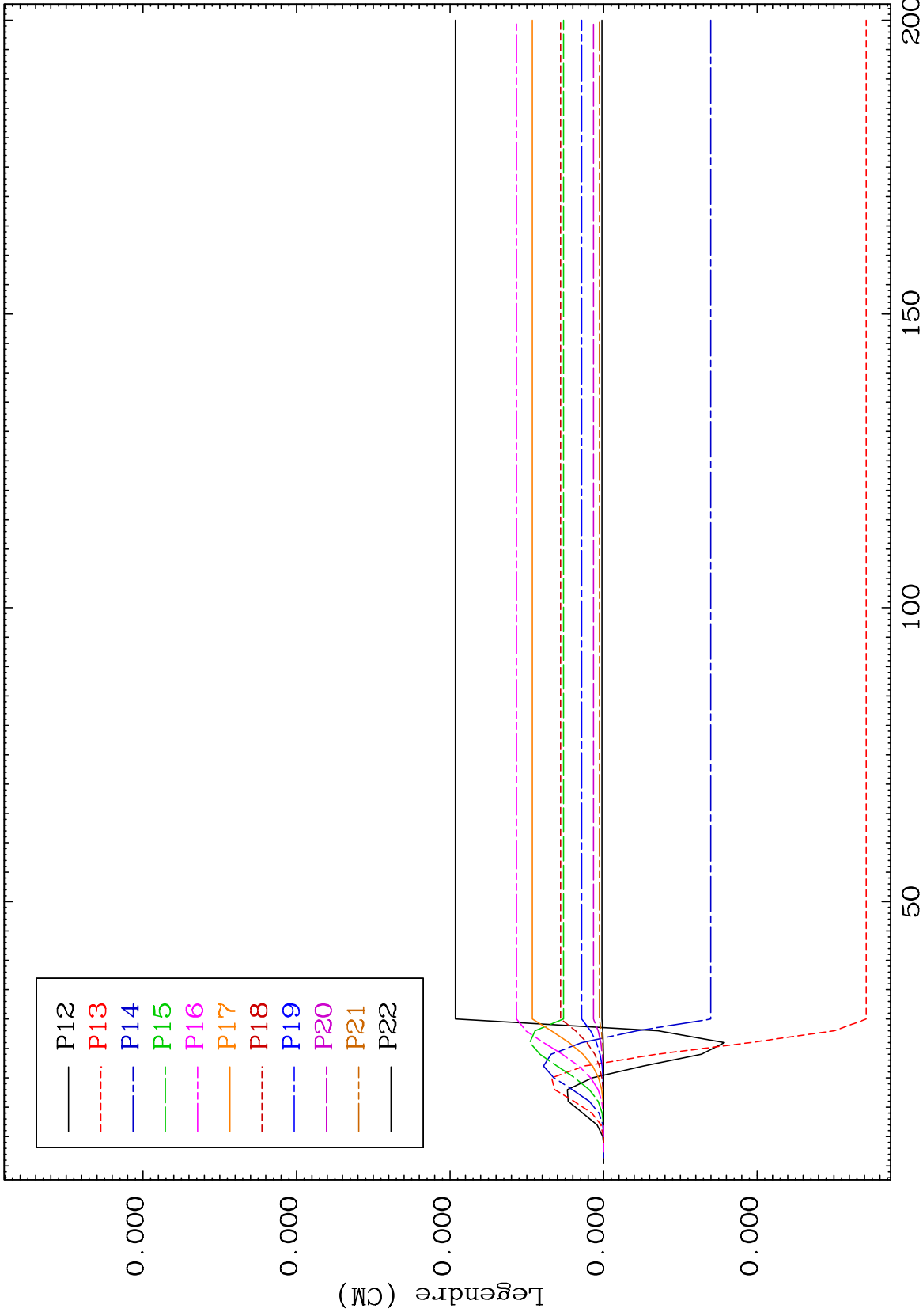
26-Fe-60



MAT 2643

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

<sup>26</sup>Fe-60



56

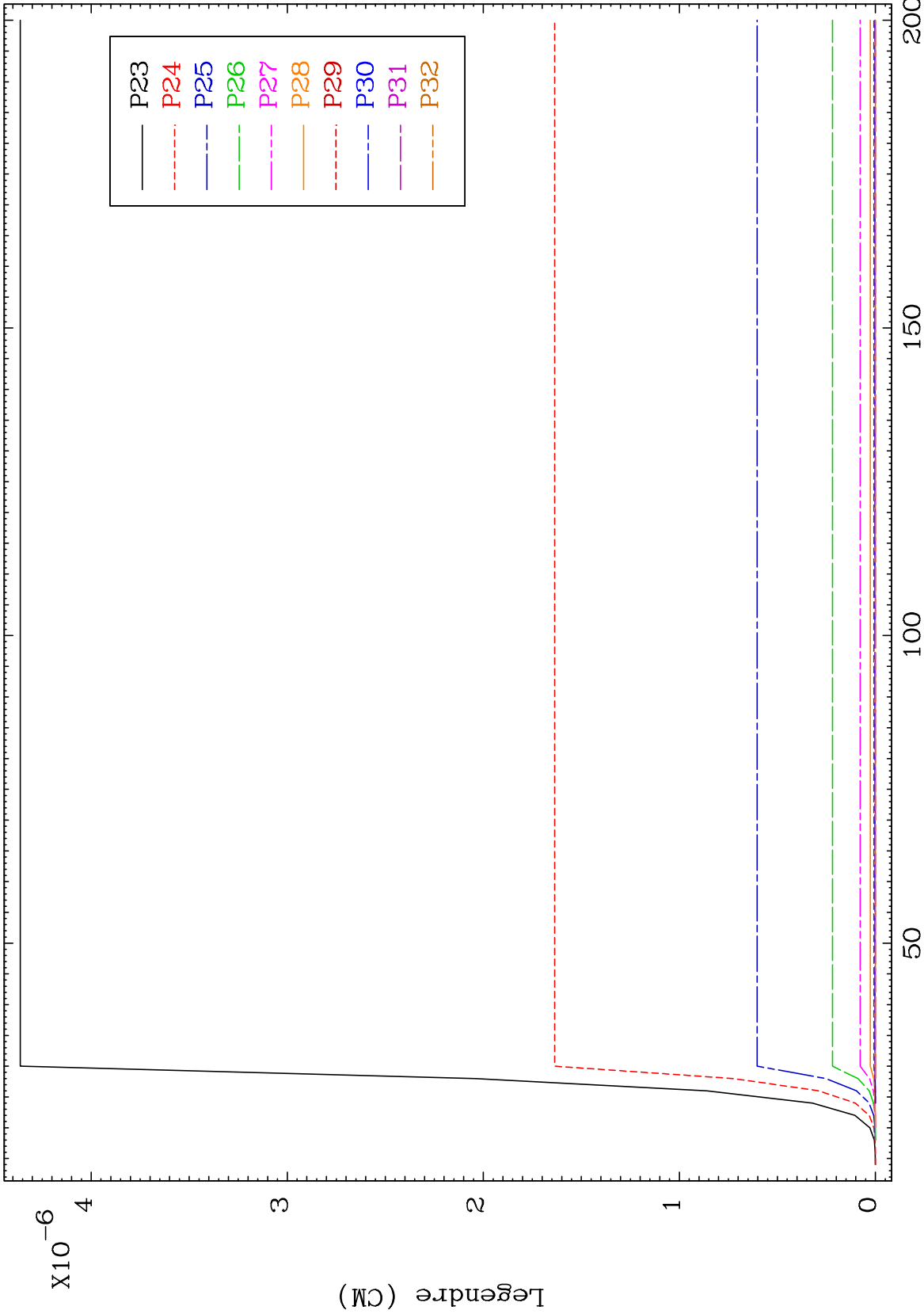
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

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

26-Fe-60



57

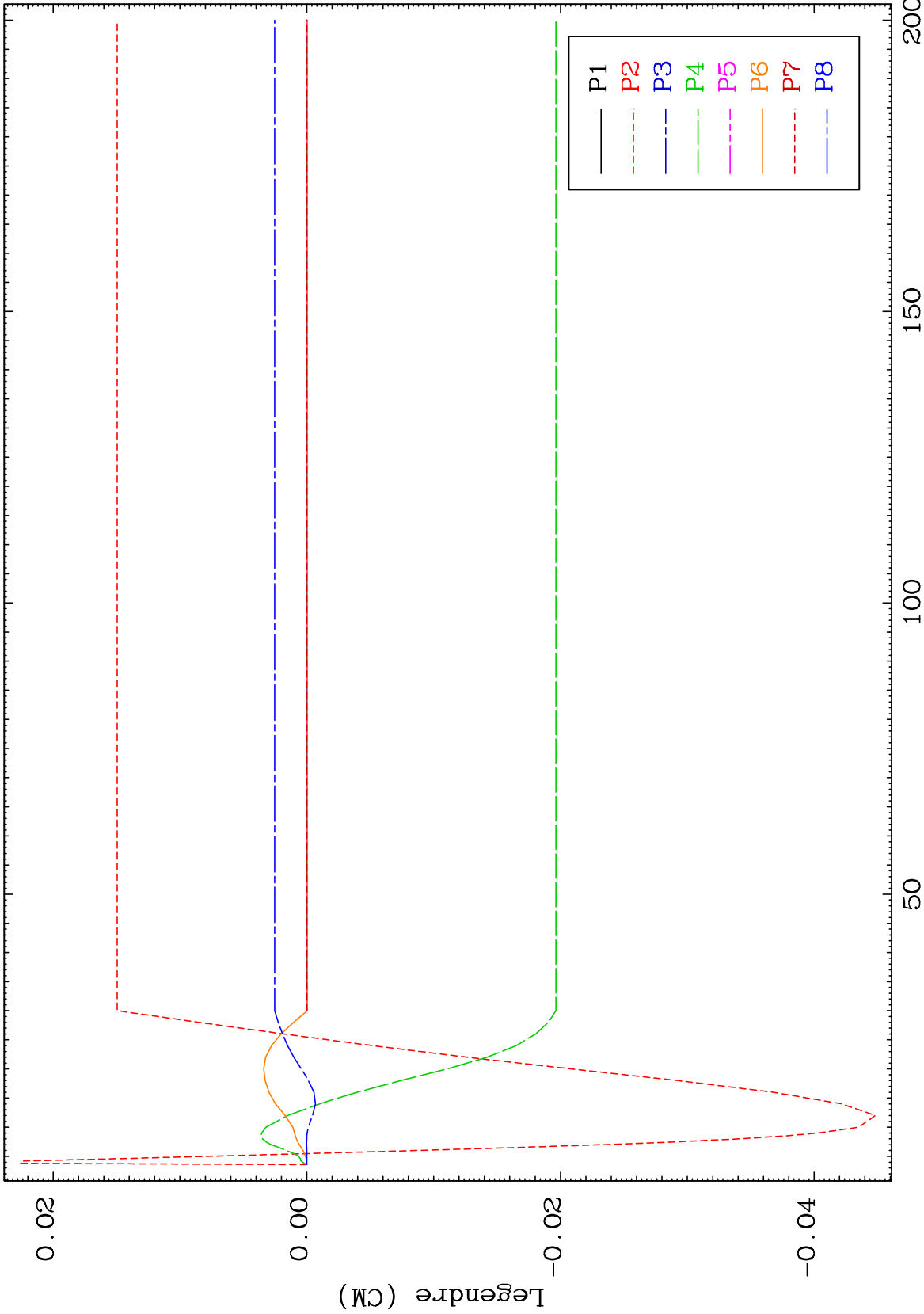
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60

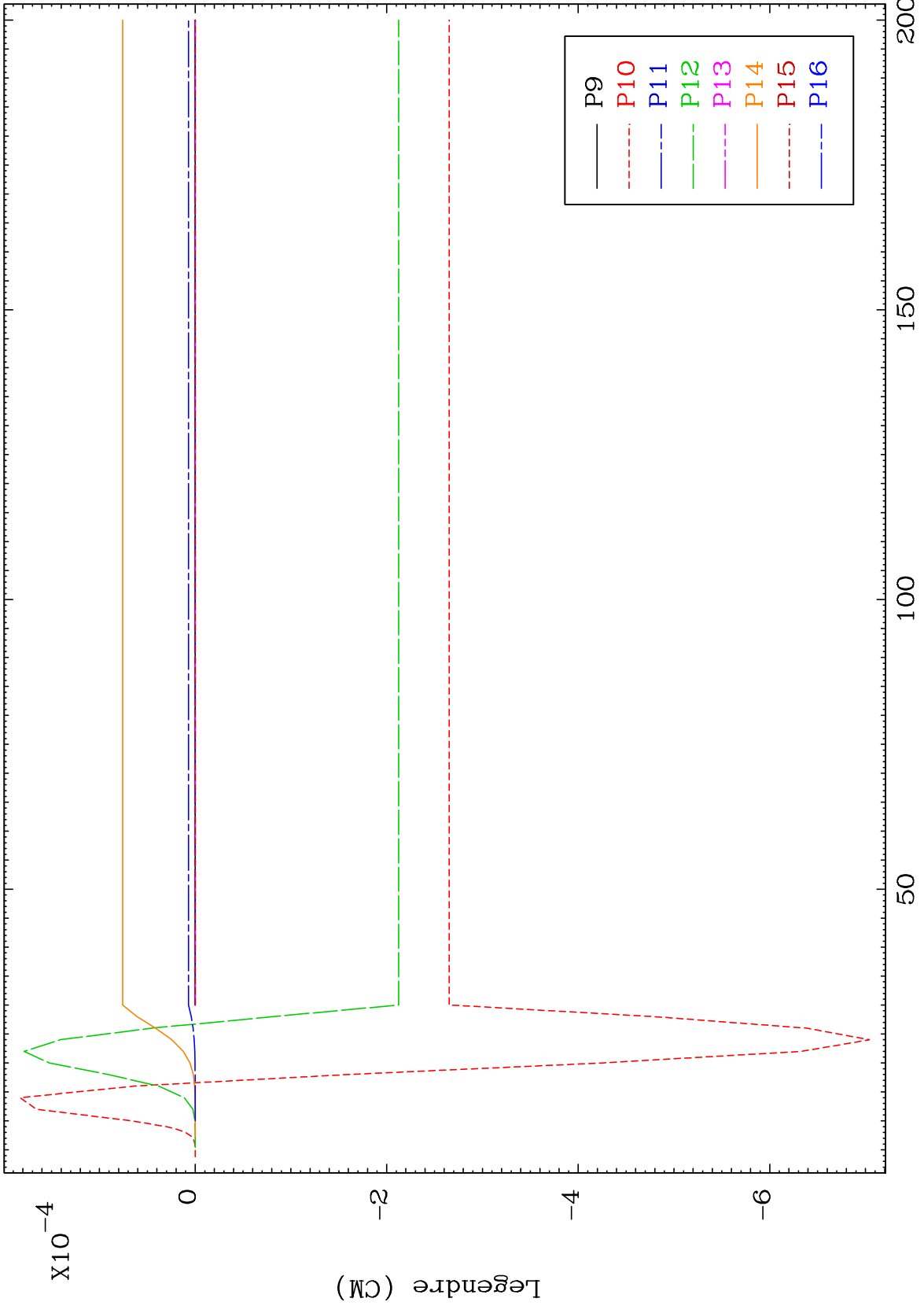


58

Incident Energy (MeV)

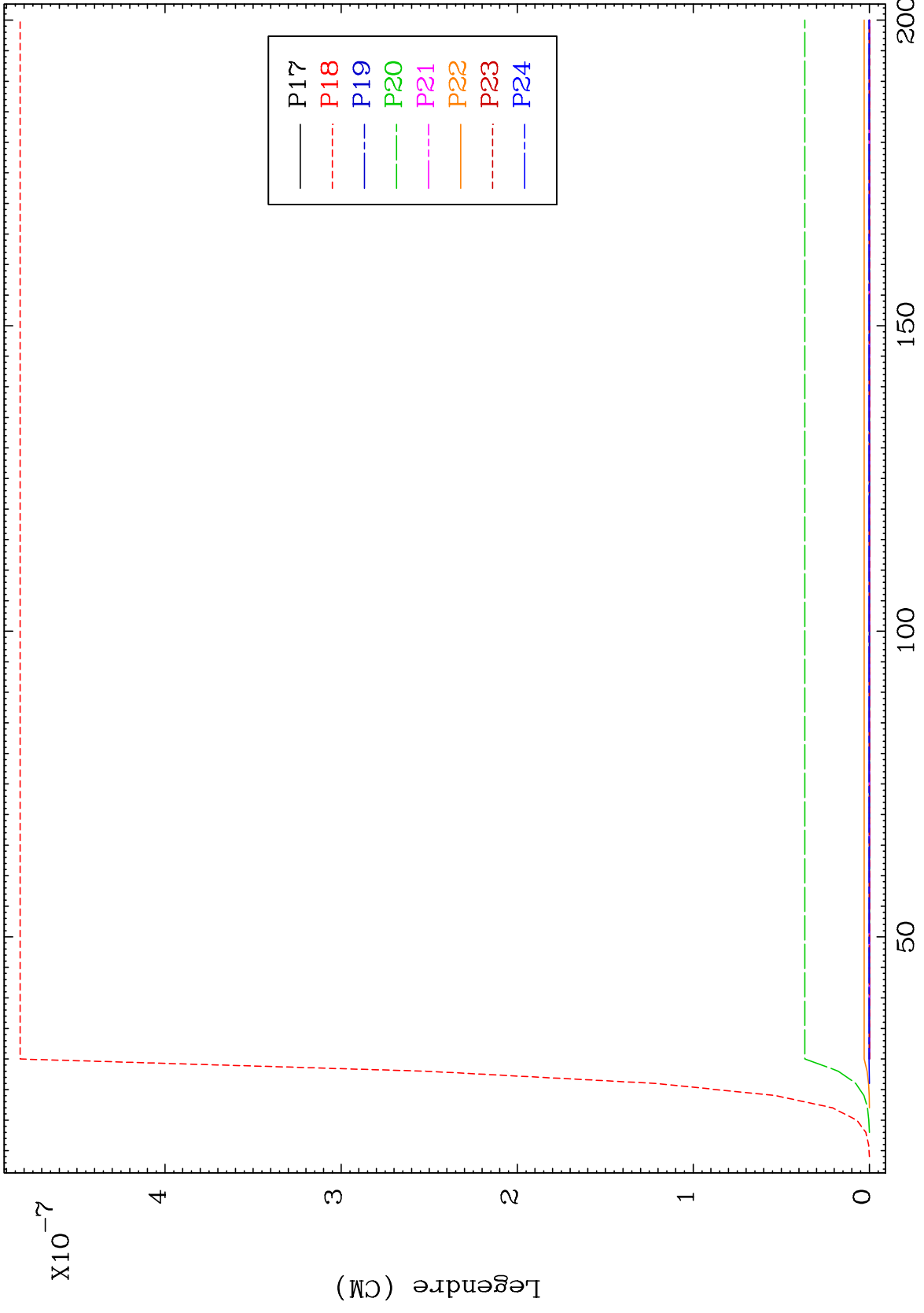
<sup>26</sup>Fe-60

MAT 2643 MT= 64 (n,n') Level Legendre Coefficients 26-Fe-60



59 Incident Energy (MeV) 26-Fe-60

MAT 2643 MT= 64 (n,n') Level Legendre Coefficients 26-Fe-60

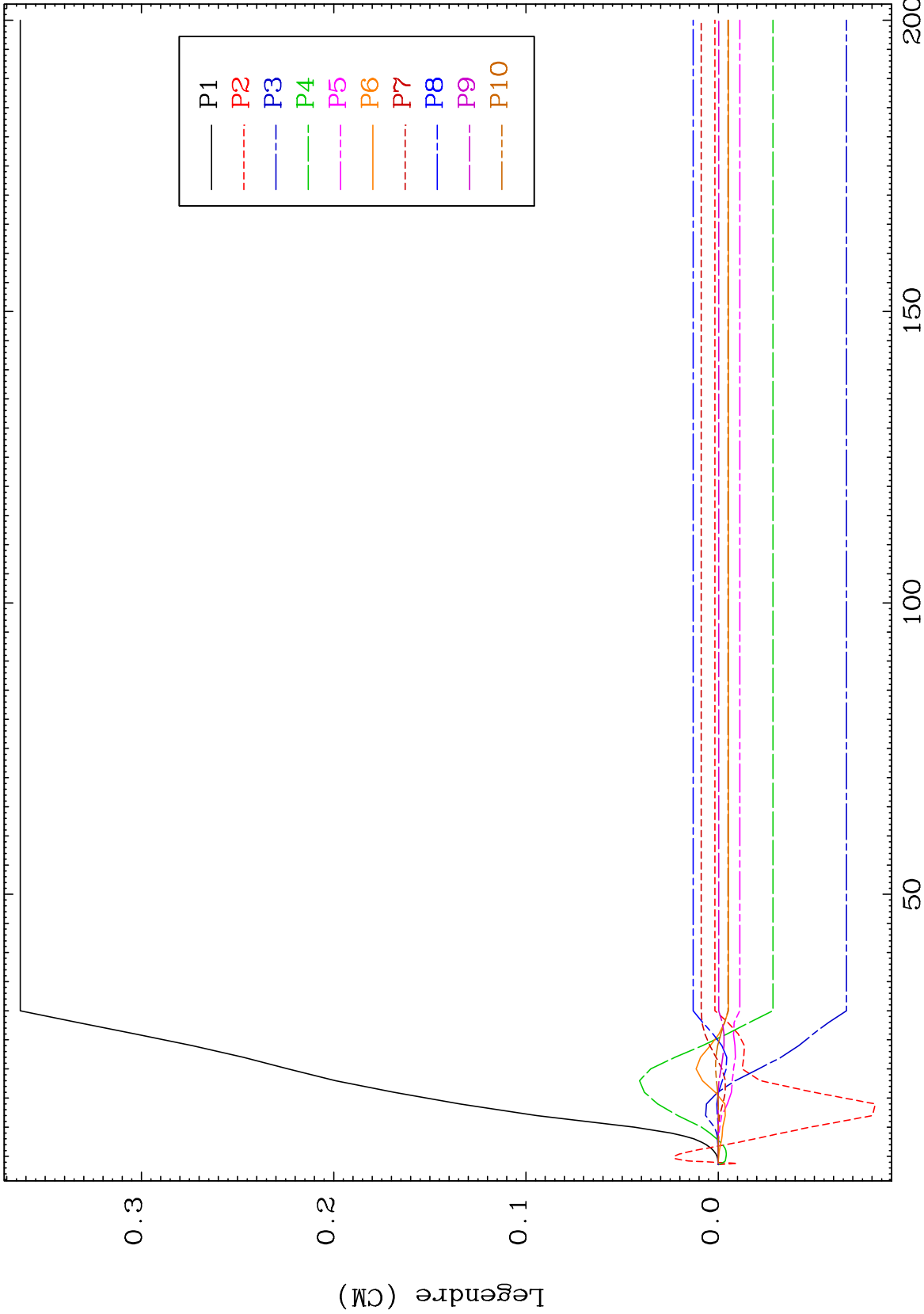


26-Fe-60

MAT 2643

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

26-Fe-60



61

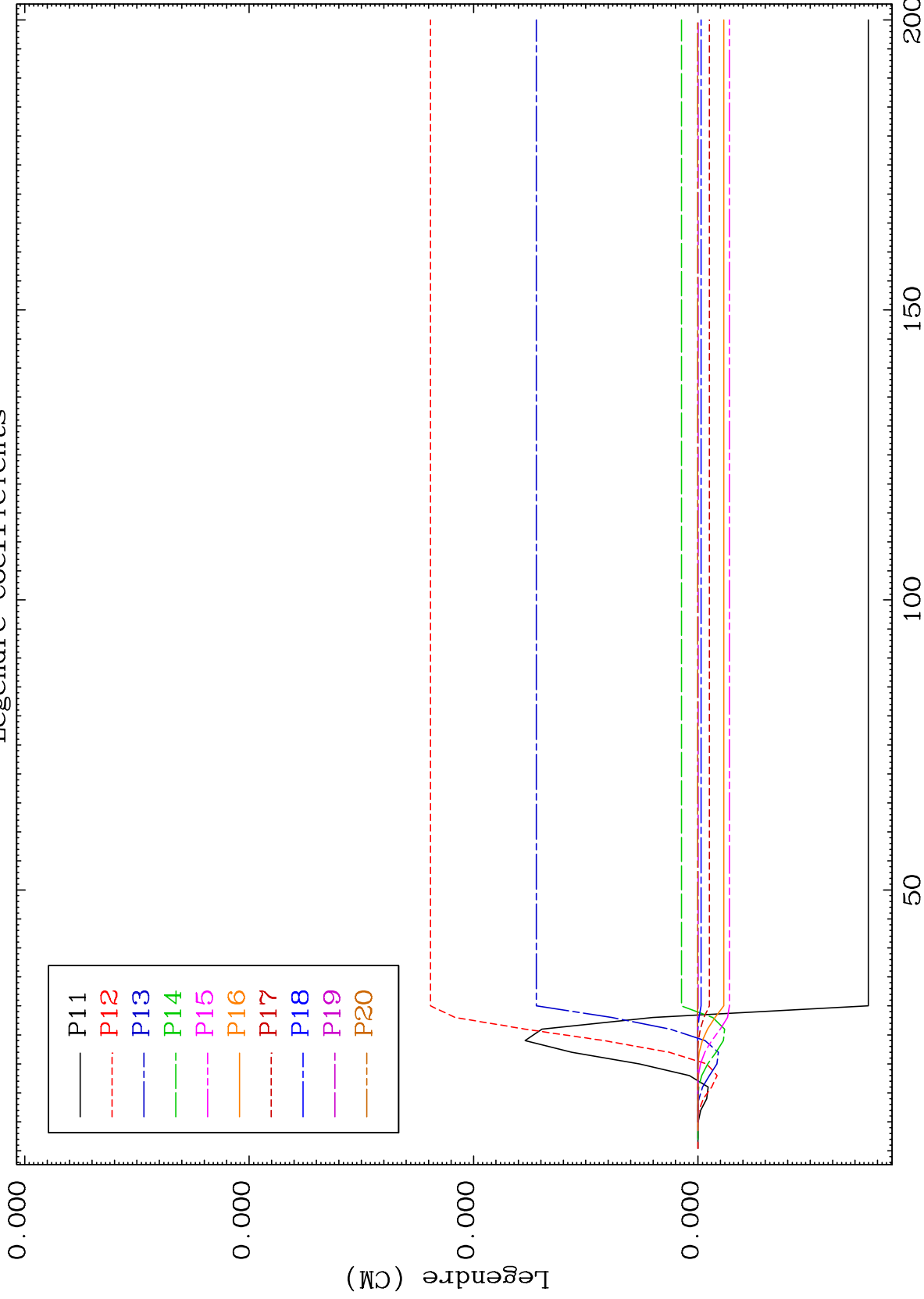
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



26-Fe-60

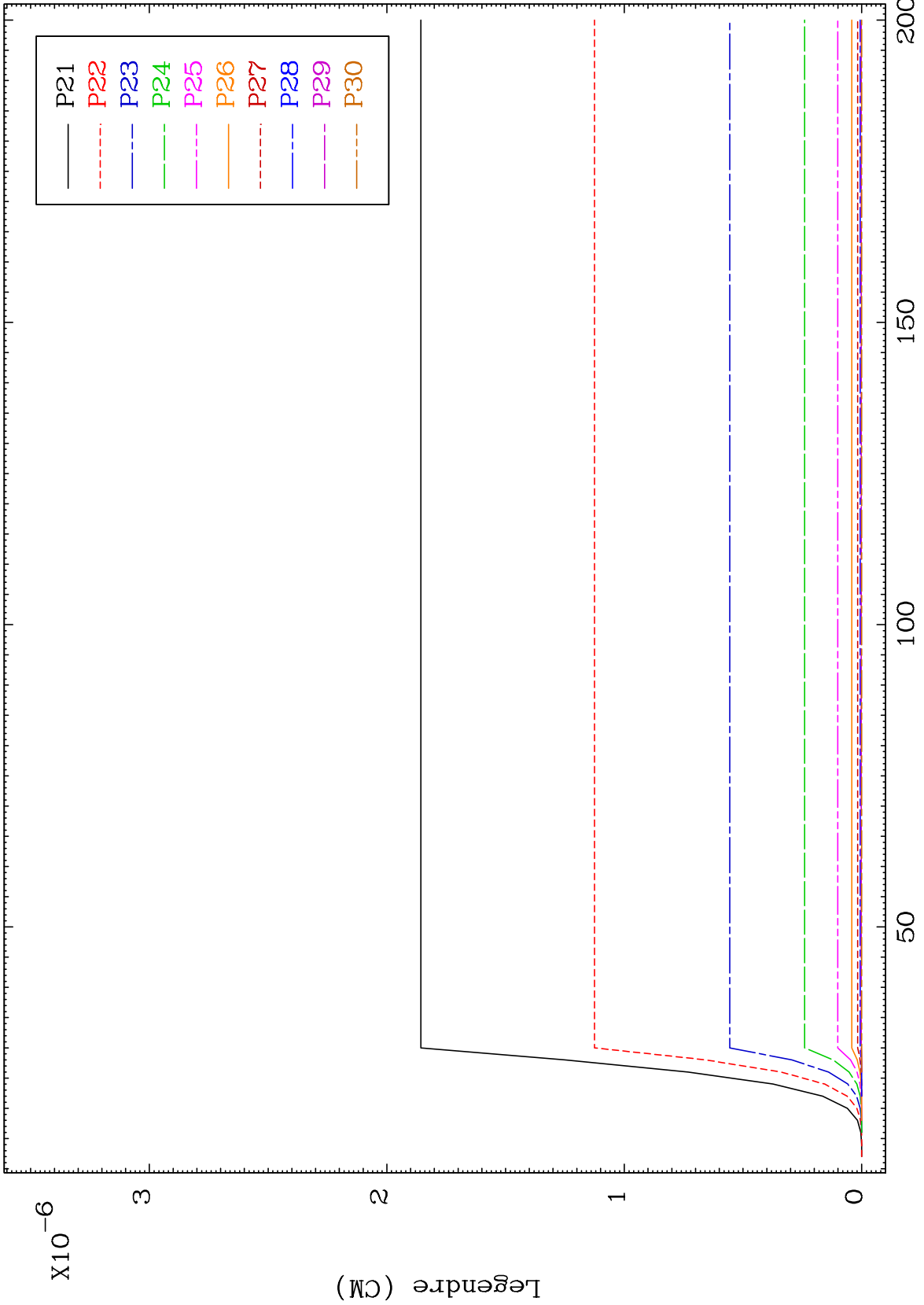
Incident Energy (MeV)

62

MAT 2643

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

<sup>26</sup>Fe-60



63

Incident Energy (MeV)

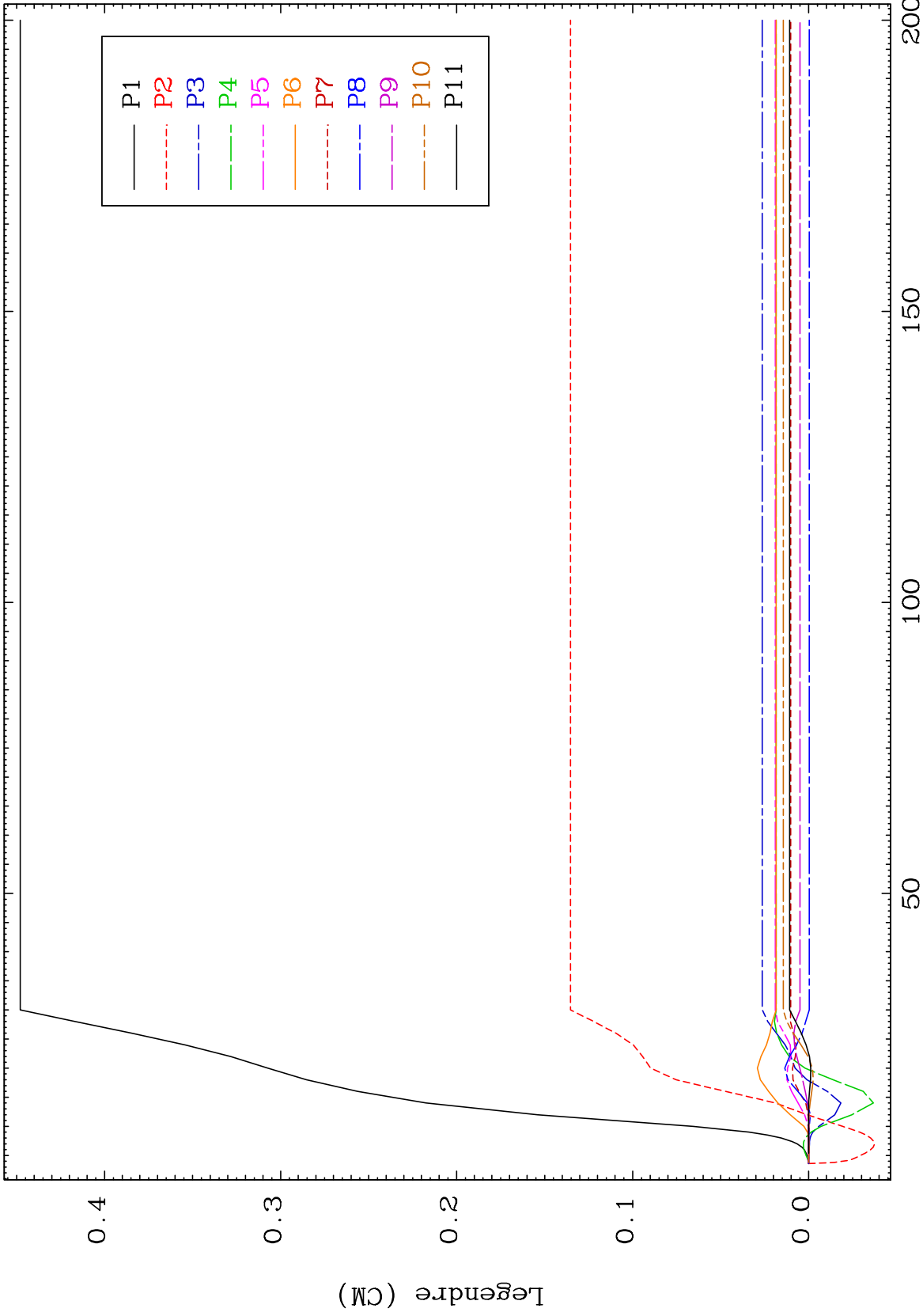
<sup>26</sup>Fe-60



MAT 2643

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

26-Fe-60



64

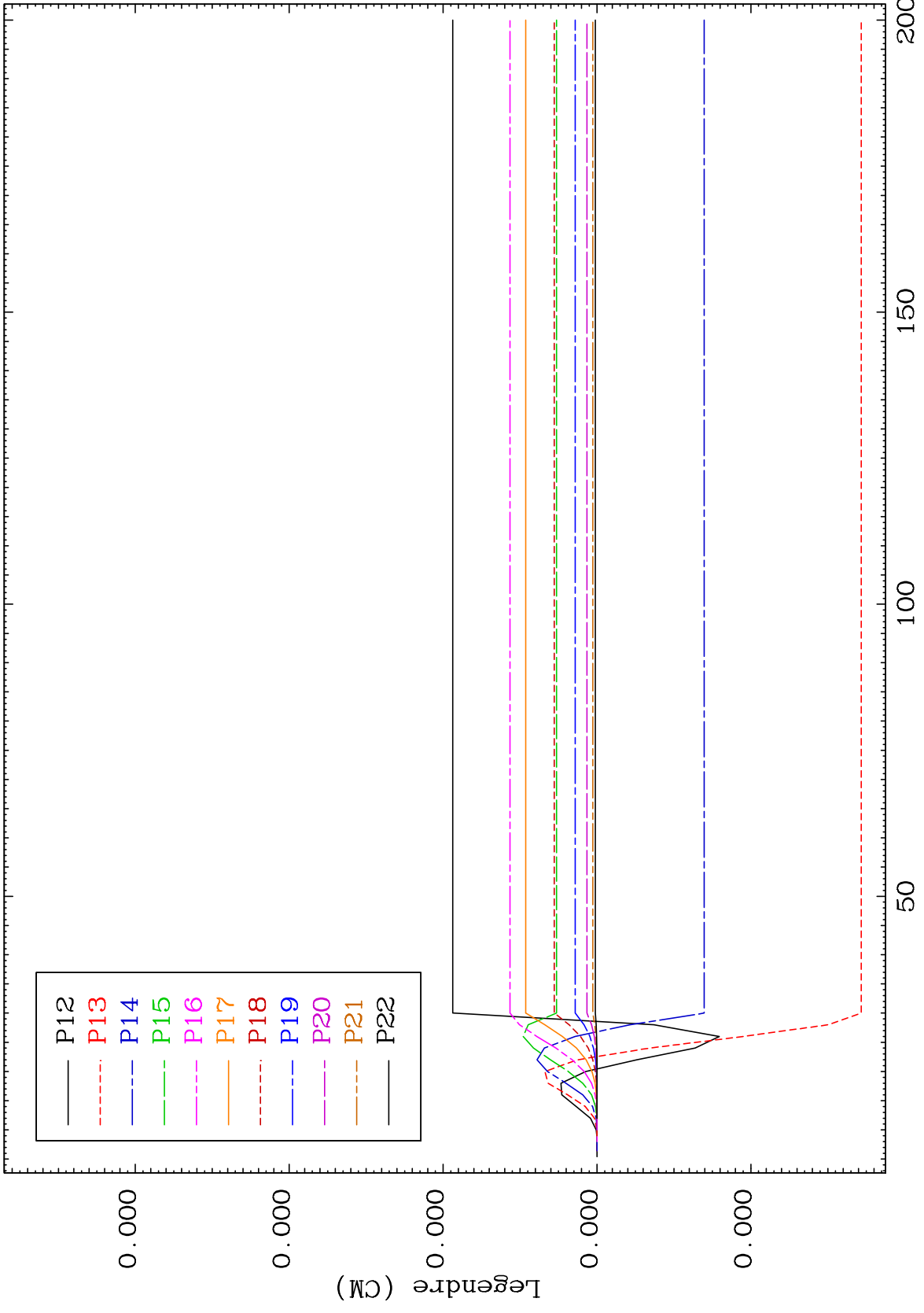
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60



65

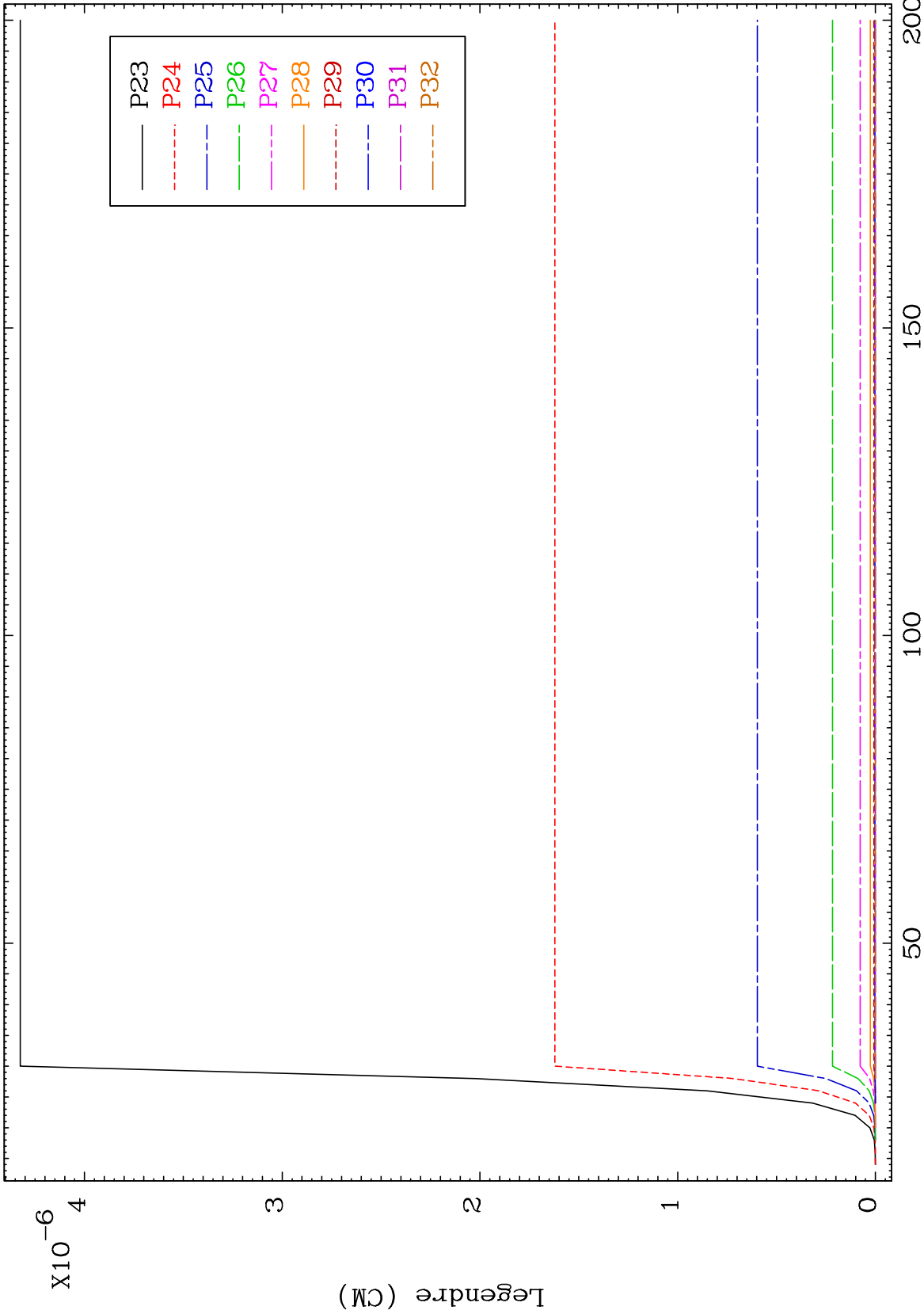
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

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

26-Fe-60



66

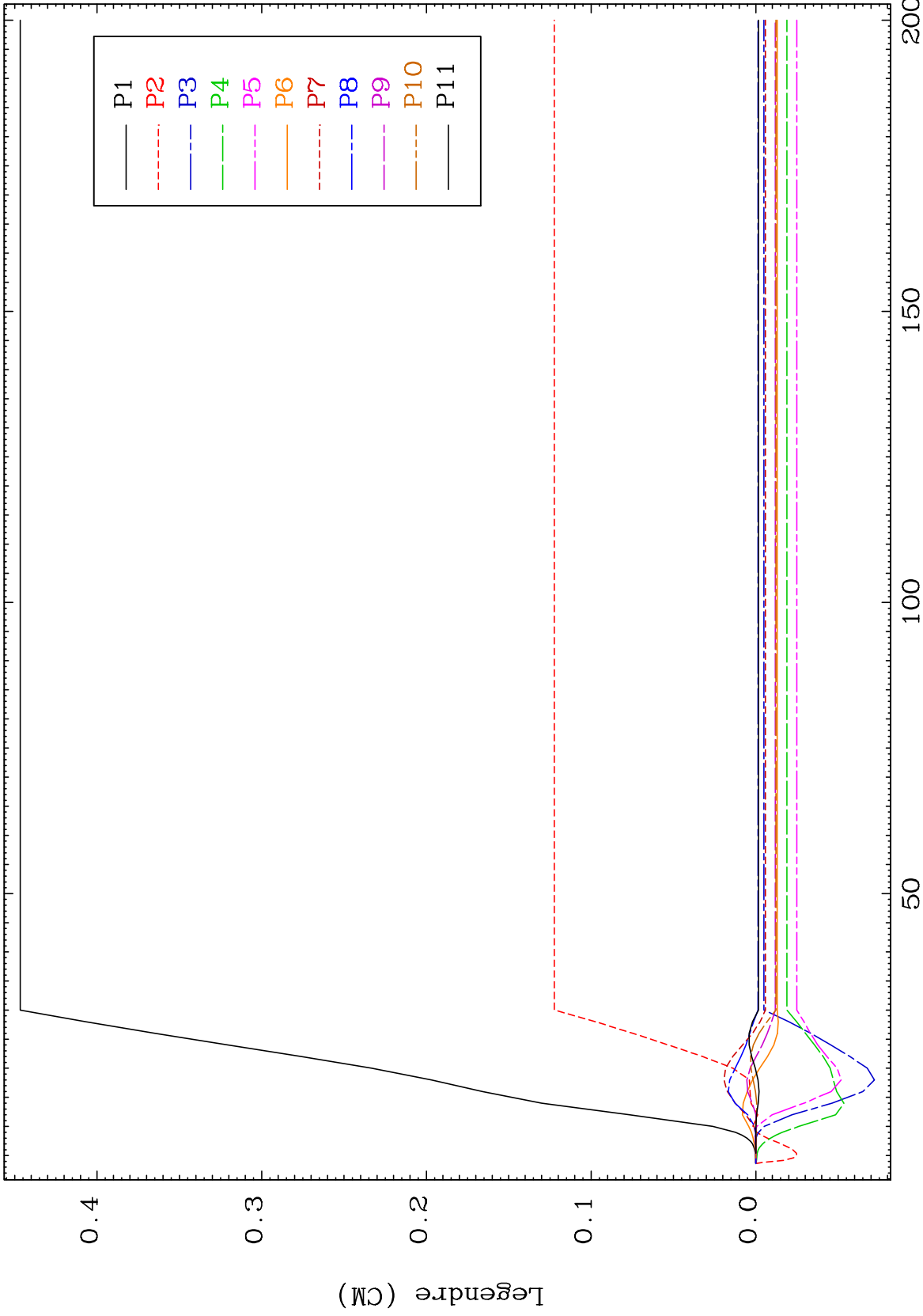
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



67

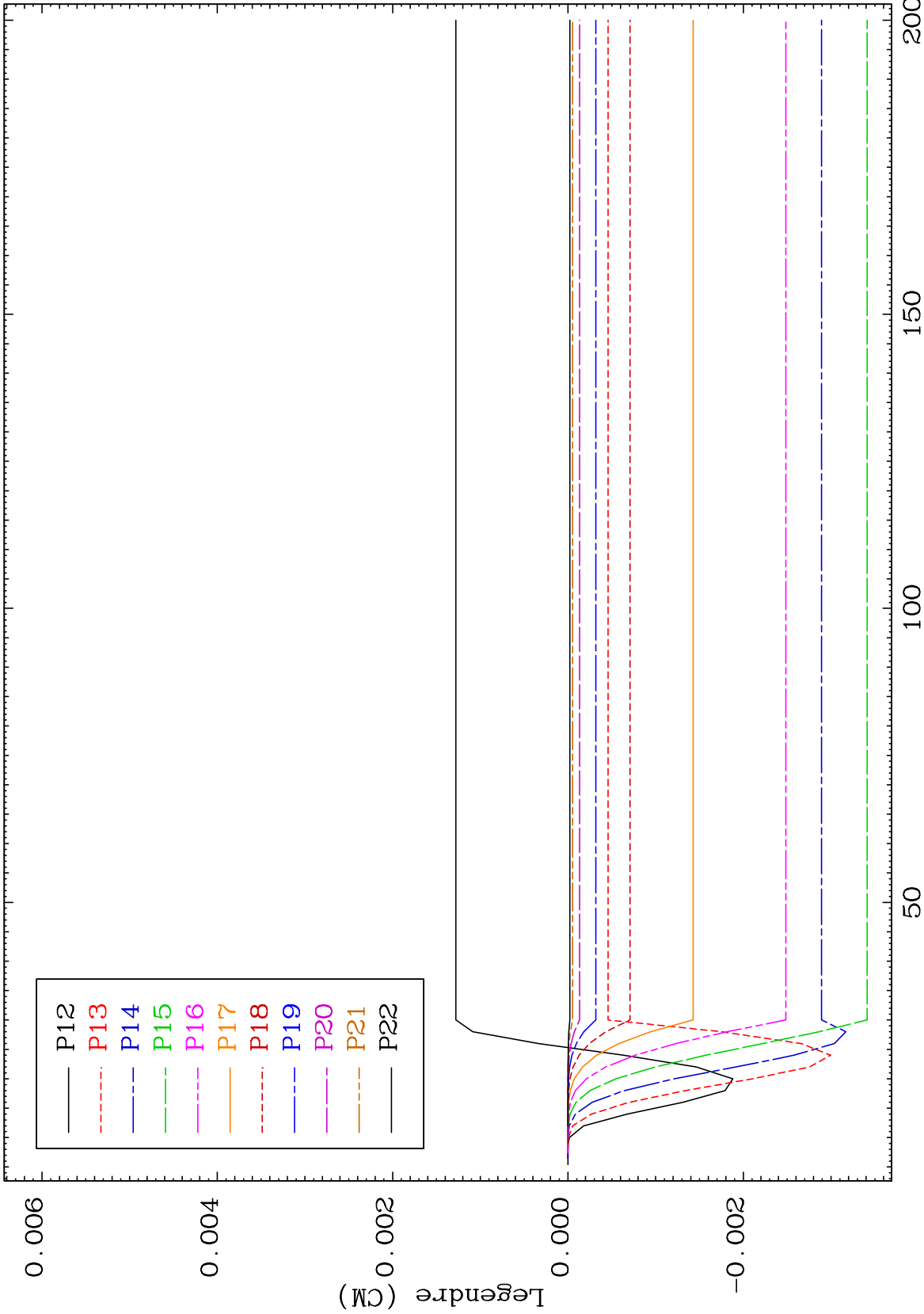
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



68

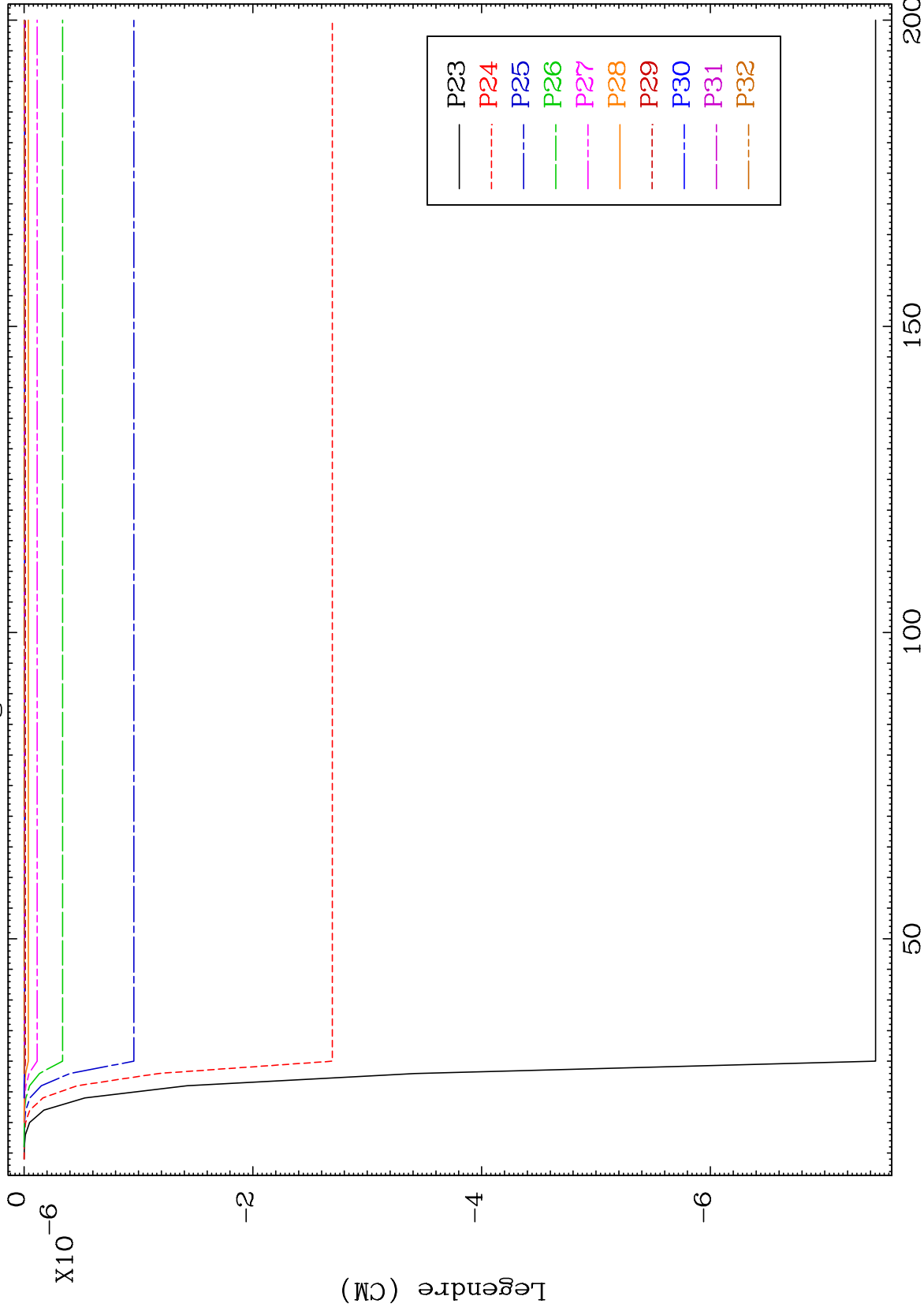
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

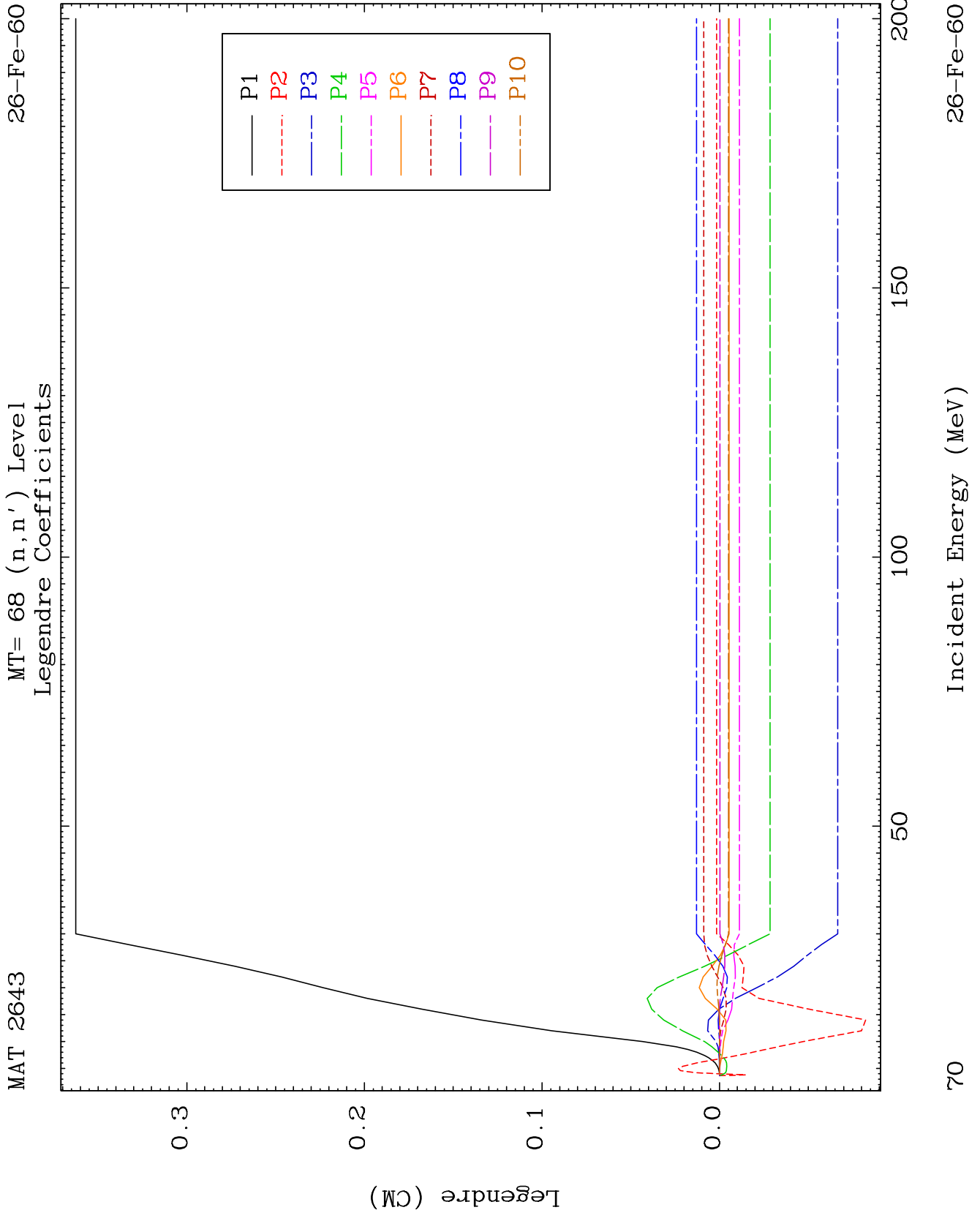
26-Fe-60



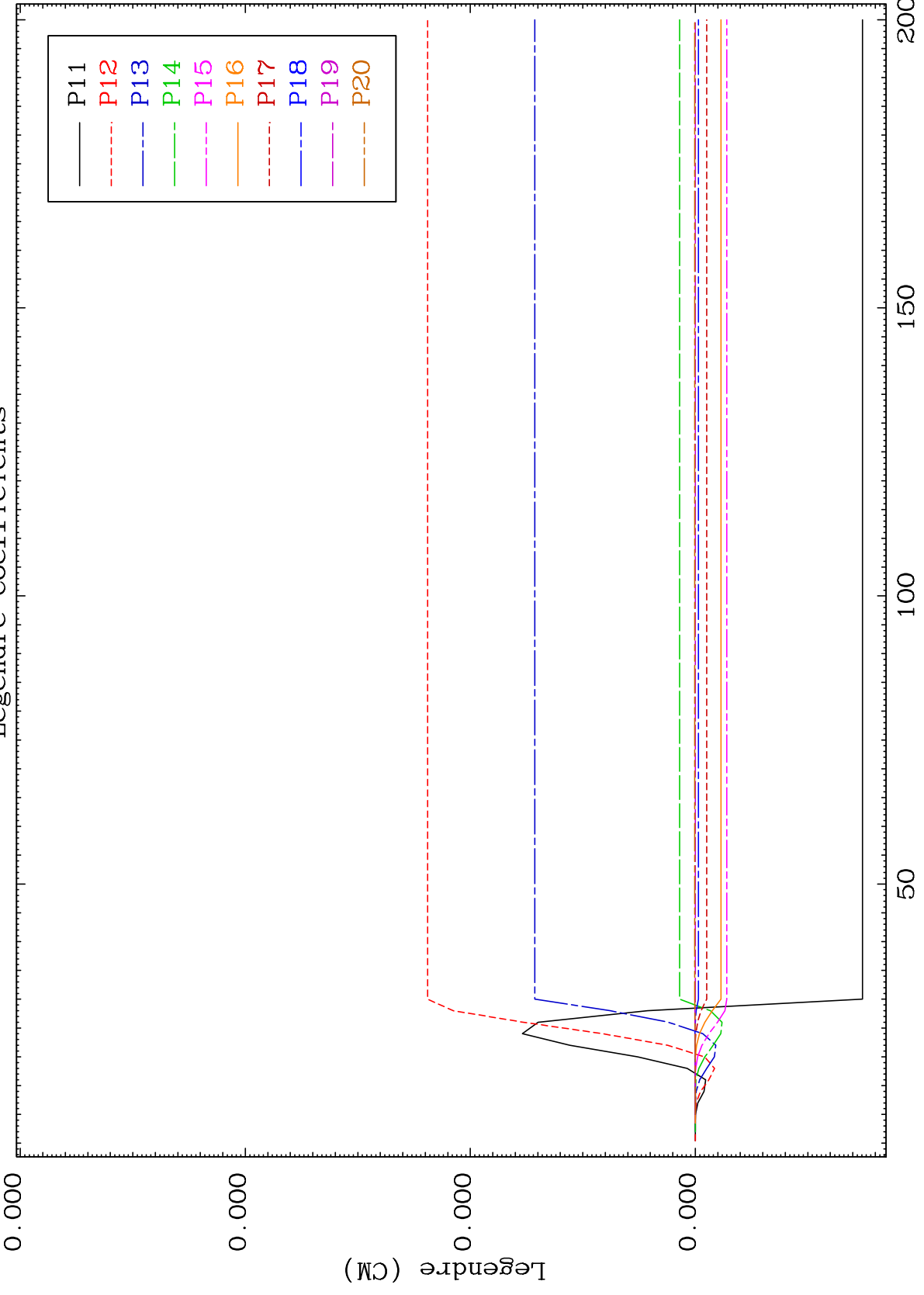
26-Fe-60

Incident Energy (MeV)

69



MAT 2643 MT= 68 (n,n') Level Legendre Coefficients 26-Fe-60

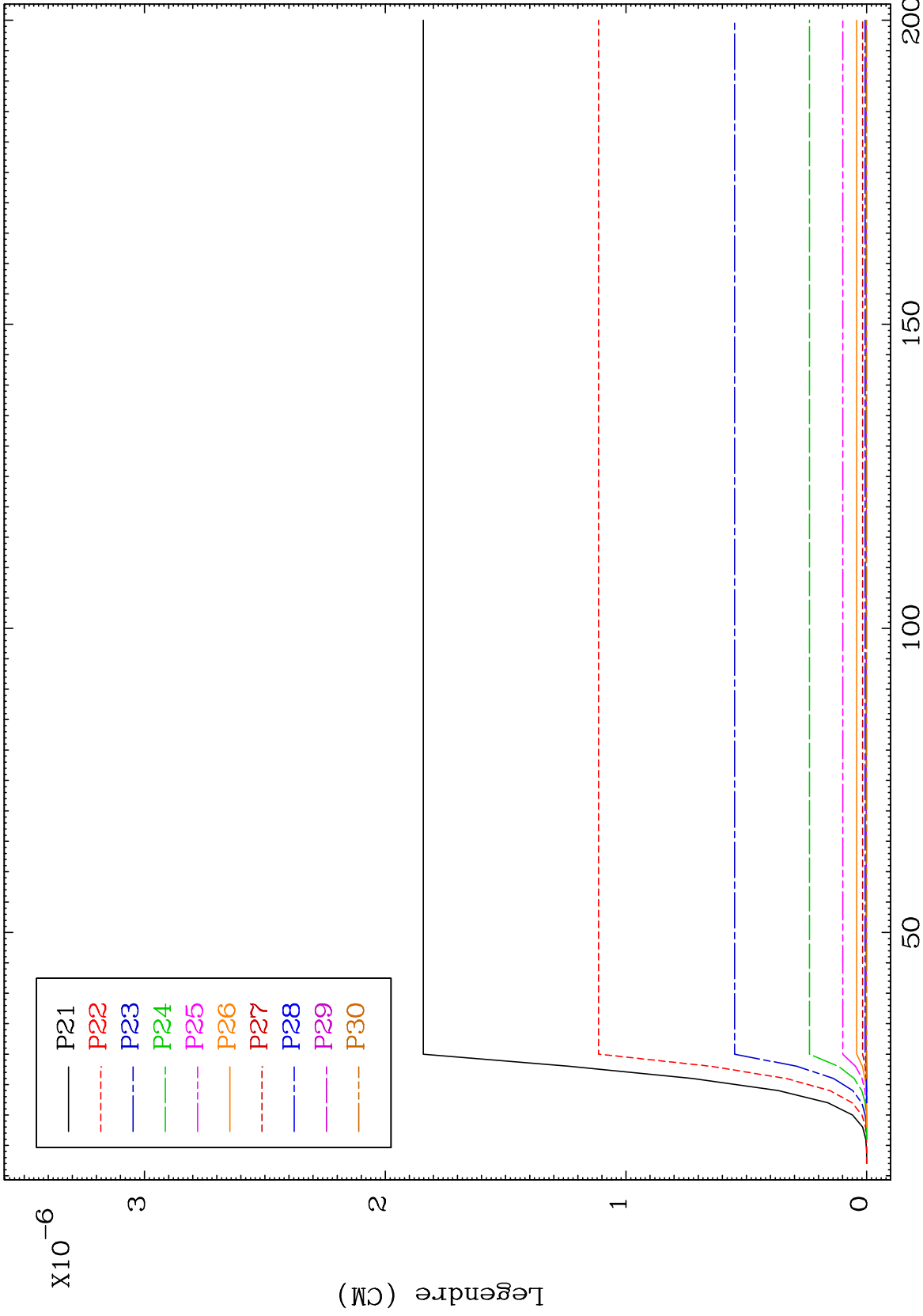




MAT 2643

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

26-Fe-60

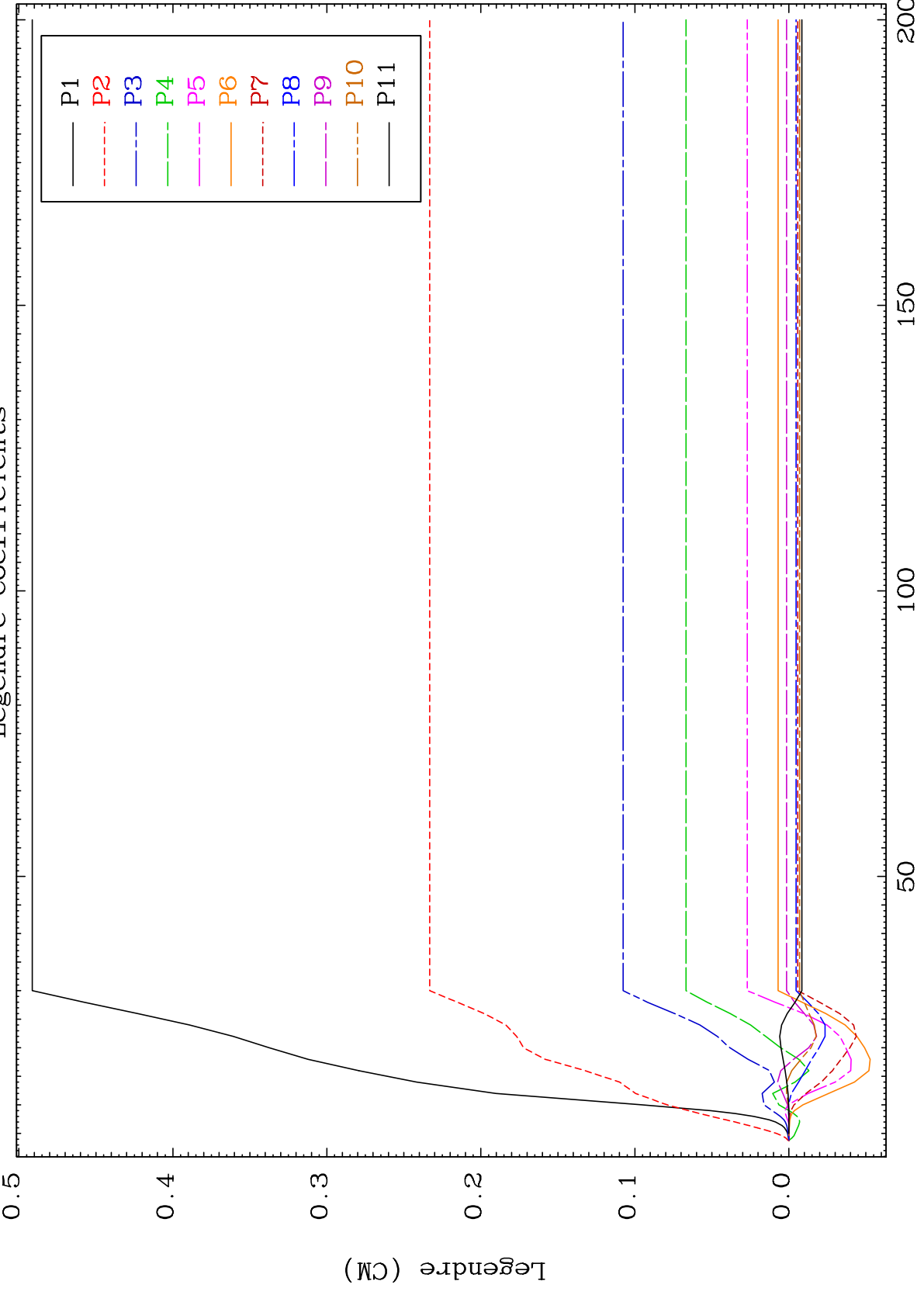


72

Incident Energy (MeV)

26-Fe-60

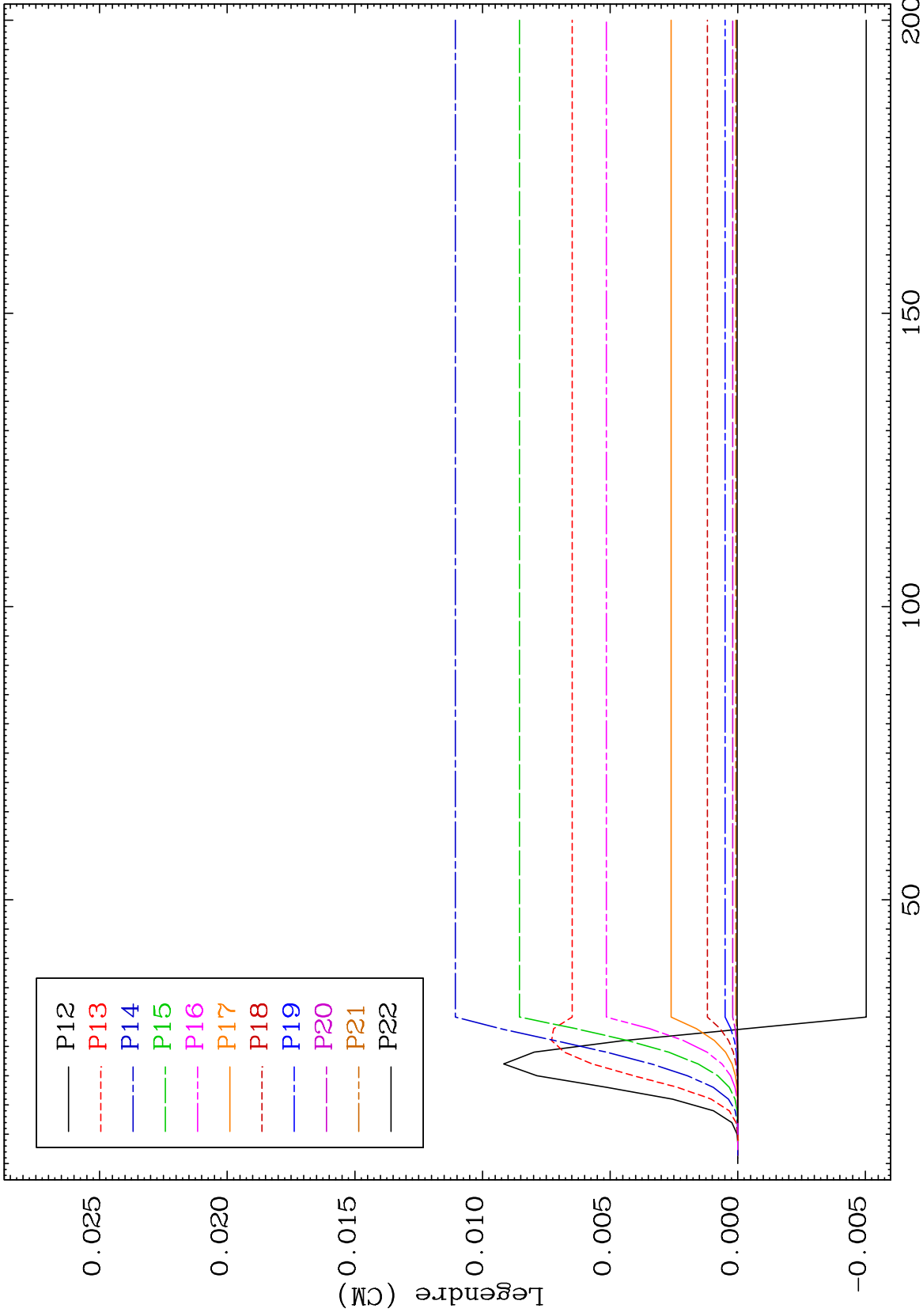
MAT 2643 MT= 69 (n,n') Level Legendre Coefficients 26-Fe-60



MAT 2643

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

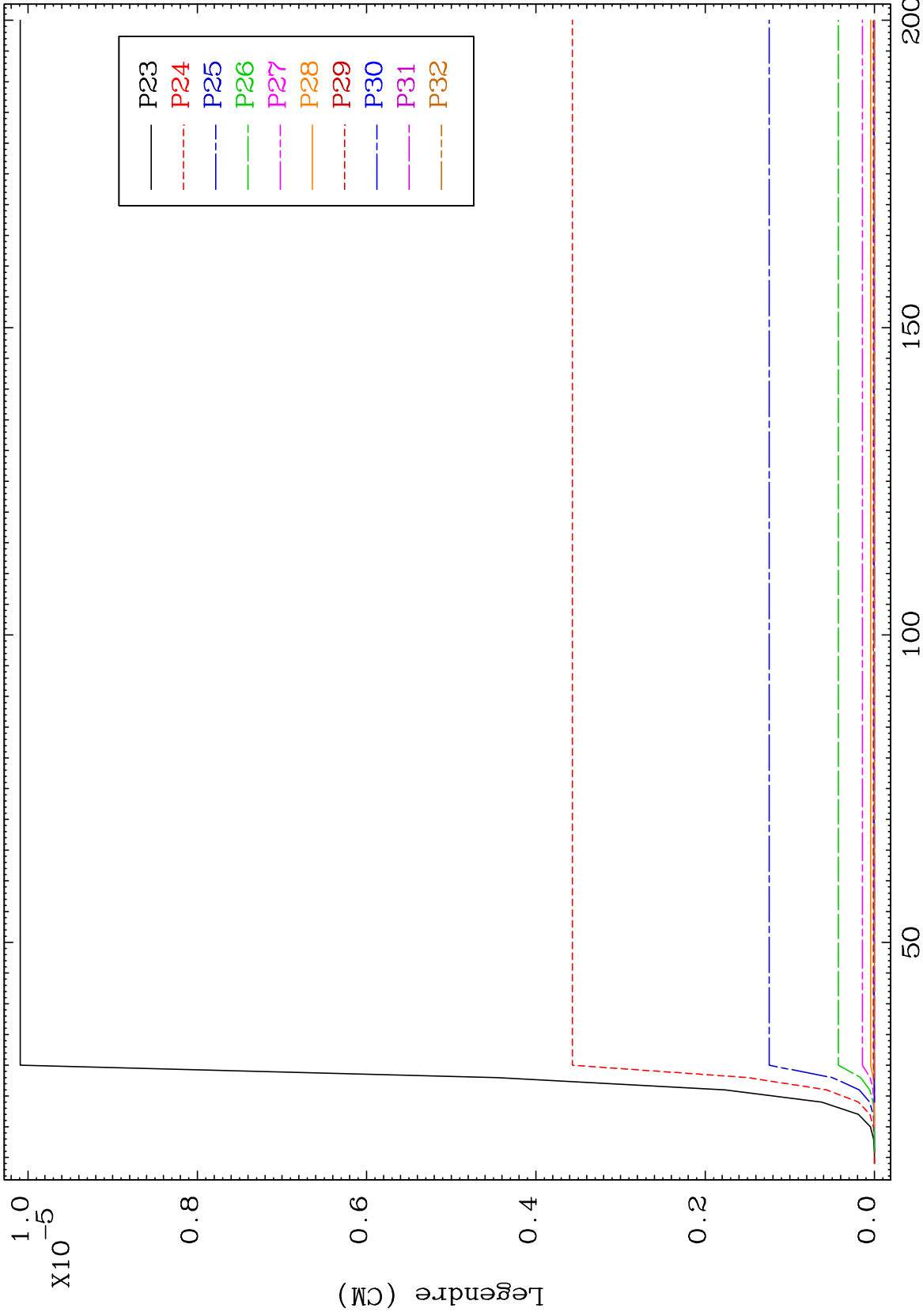
<sup>26</sup>Fe-60



MAT 2643

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

26-Fe-60

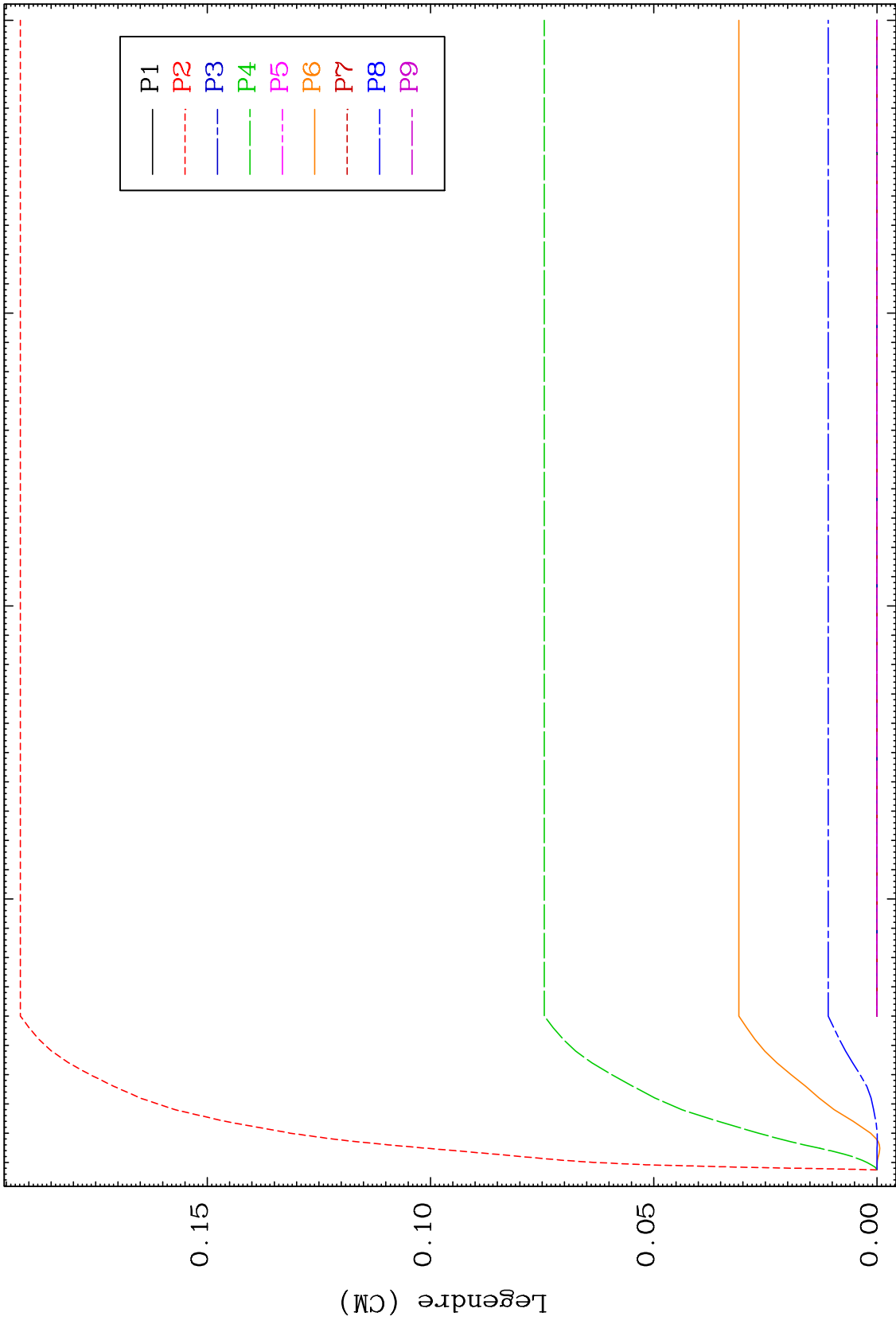


75

Incident Energy (MeV)

26-Fe-60

MAT 2643 MT= 70 (n,n') Level Legendre Coefficients 26-Fe-60

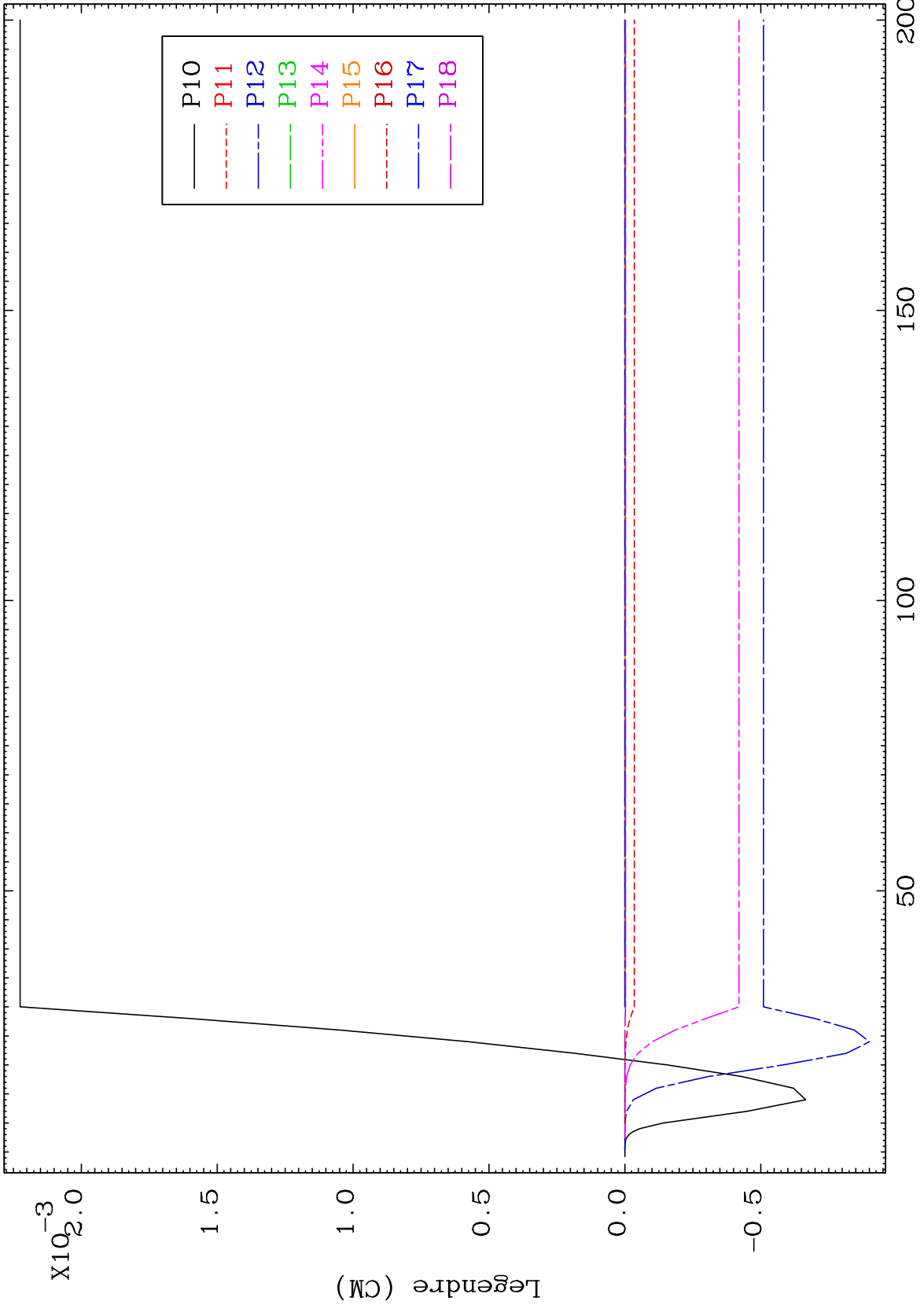


76 Incident Energy (MeV) 26-Fe-60

MAT 2643

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

26-Fe-60



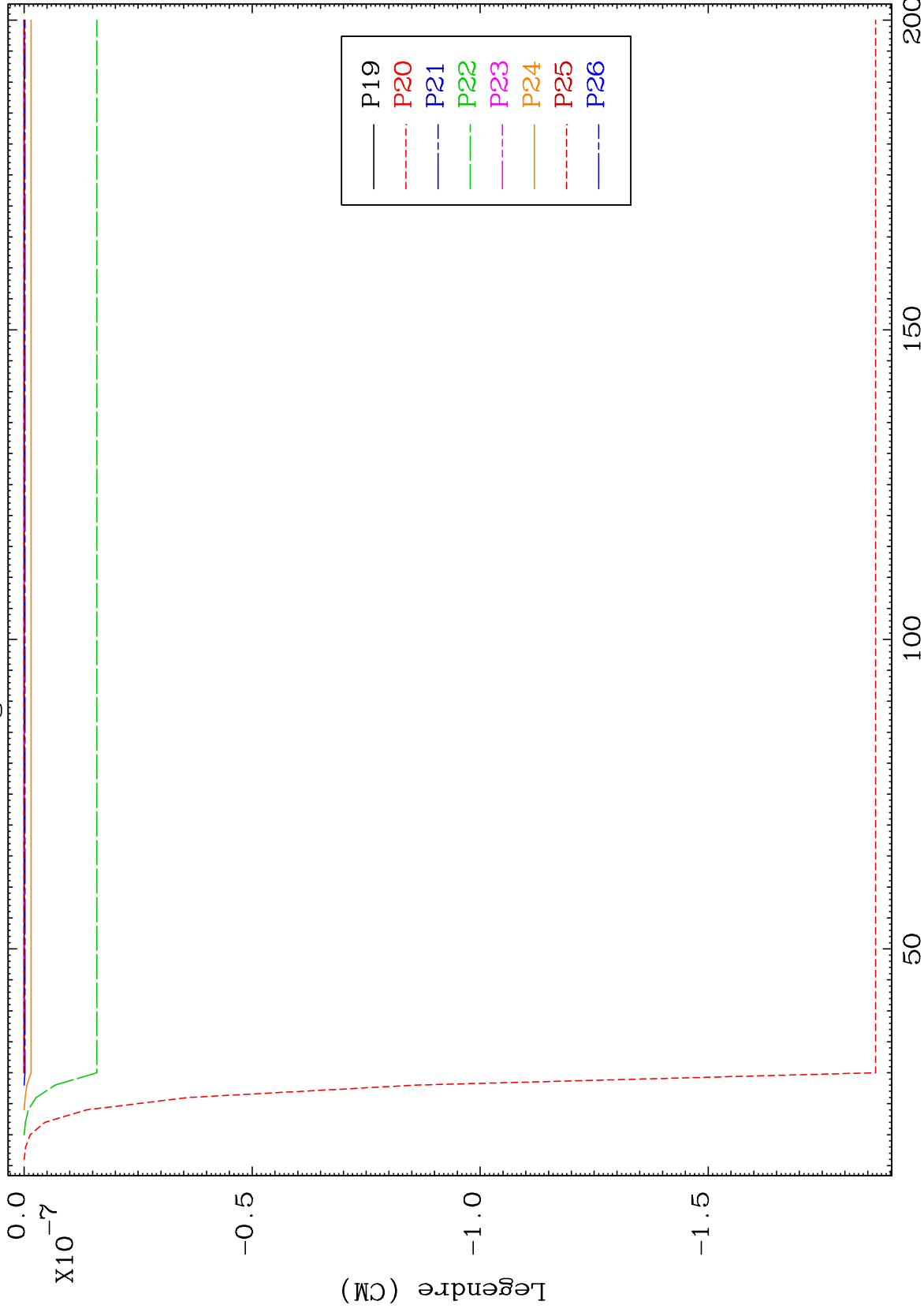
77

26-Fe-60

MAT 2643

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

26-Fe-60

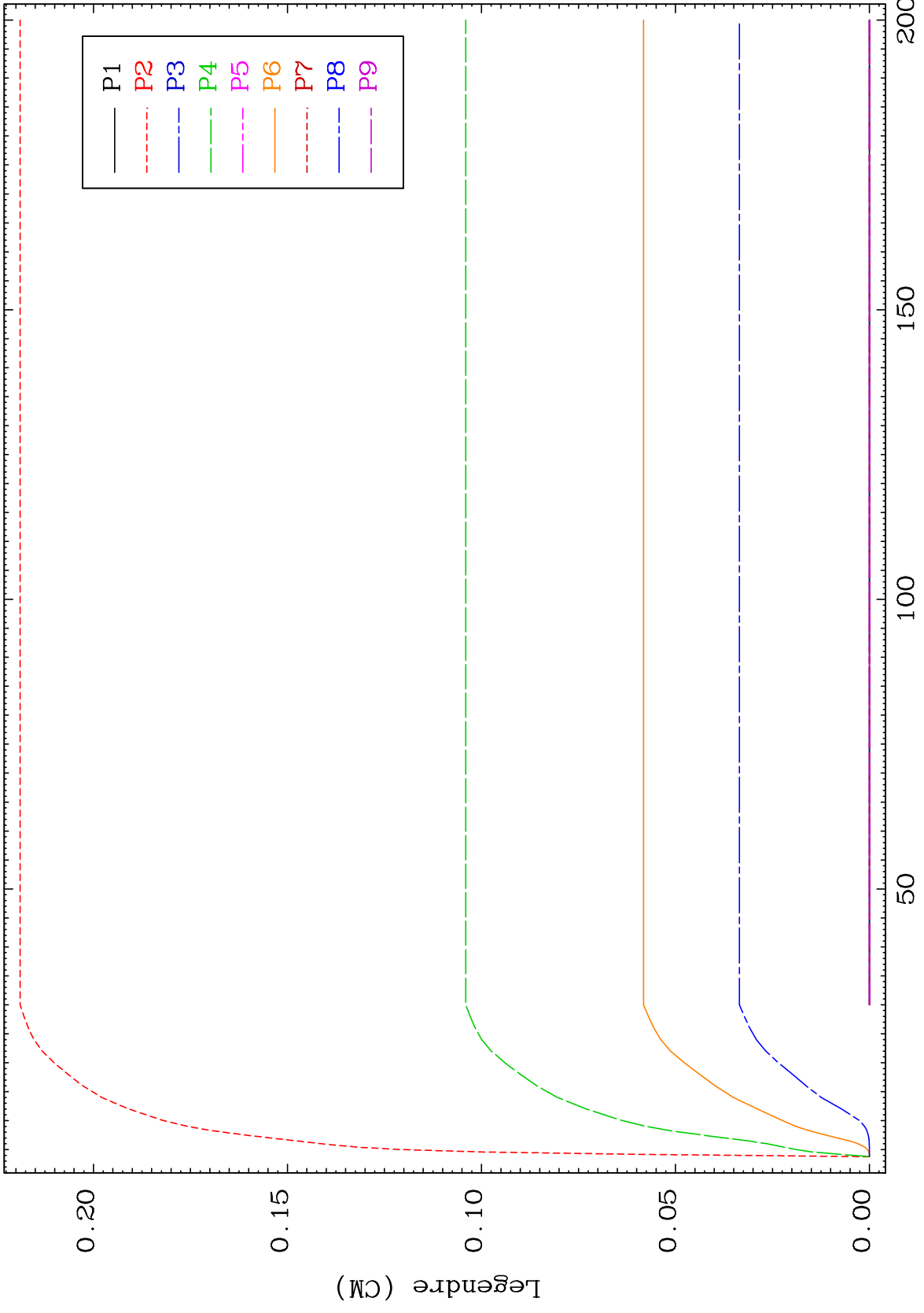


26-Fe-60

Incident Energy (MeV)

78

MAT 2643 MT= 71 (n,n') Level Legendre Coefficients 26-Fe-60



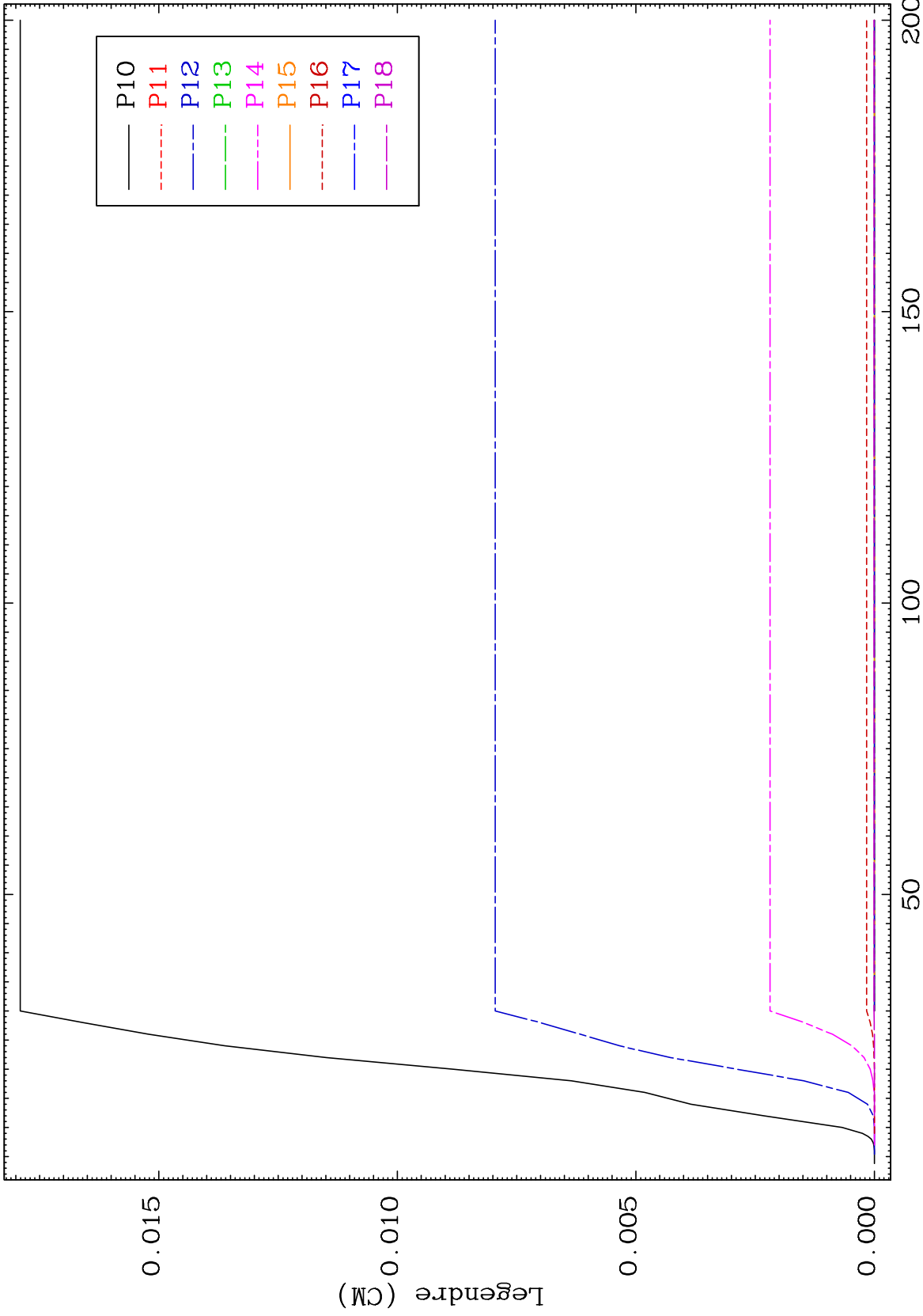
79 26-Fe-60



MAT 2643

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

26-Fe-60

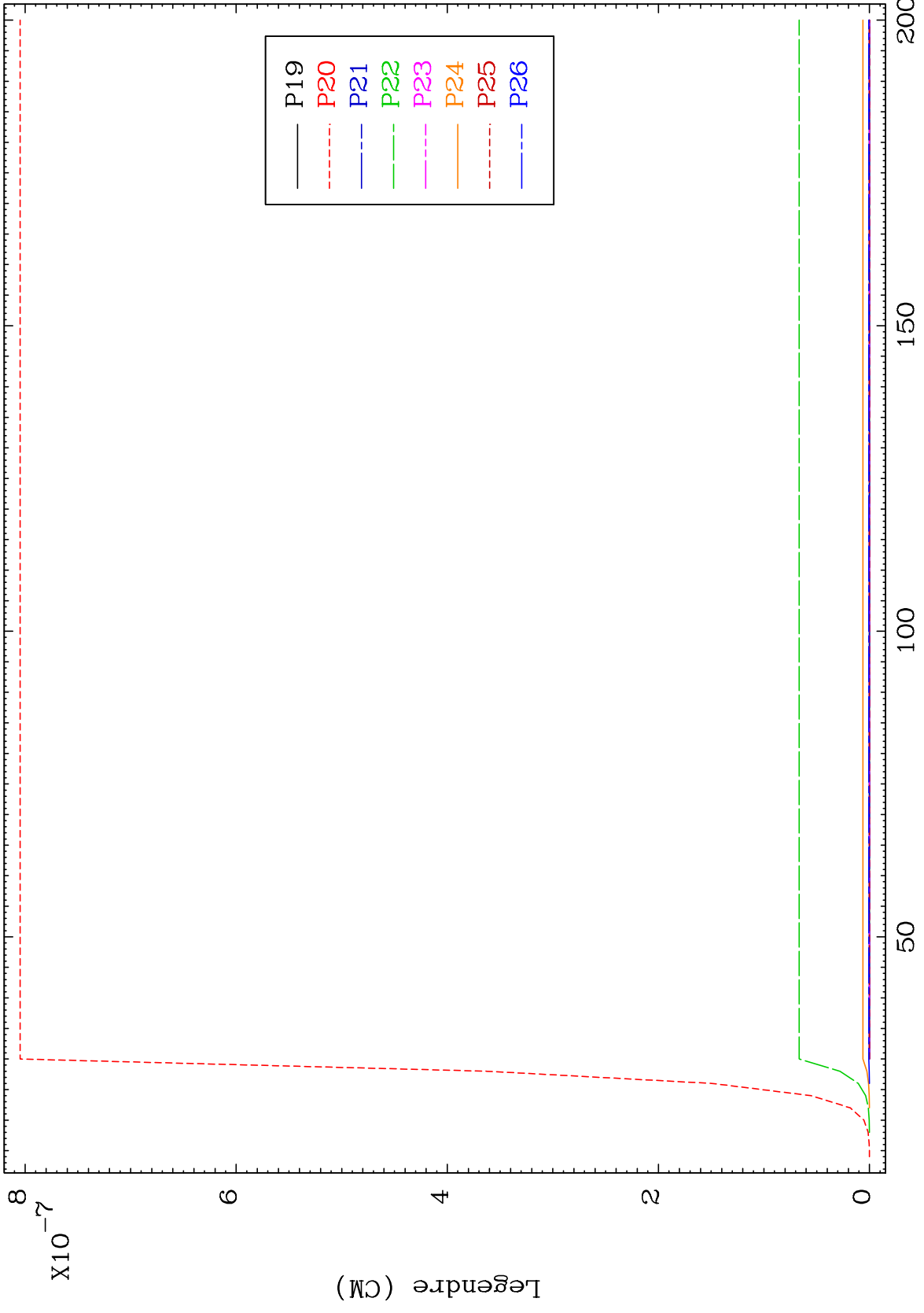


80

Incident Energy (MeV)

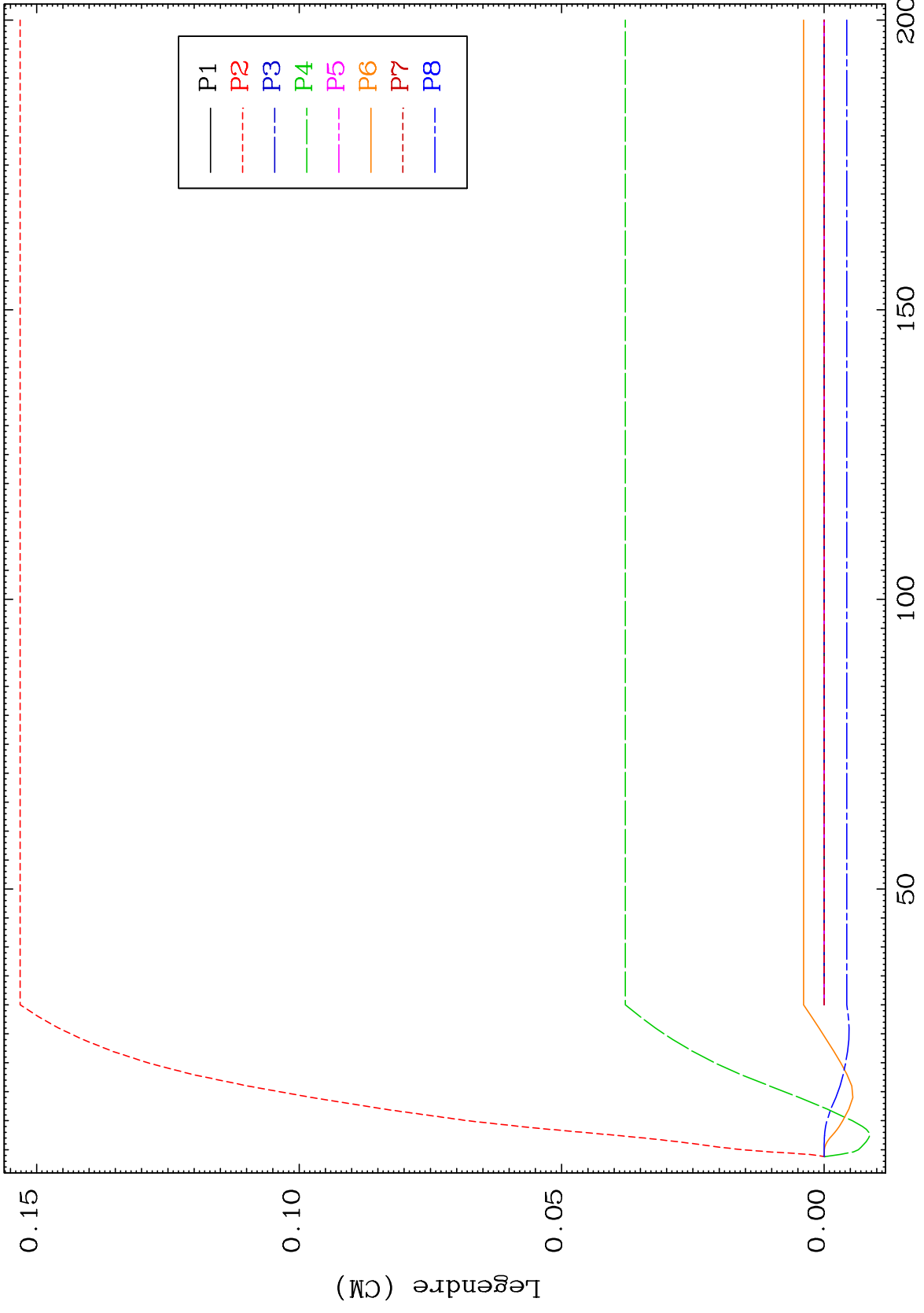
26-Fe-60

MAT 2643 MT= 71 (n,n') Level Legendre Coefficients 26-Fe-60



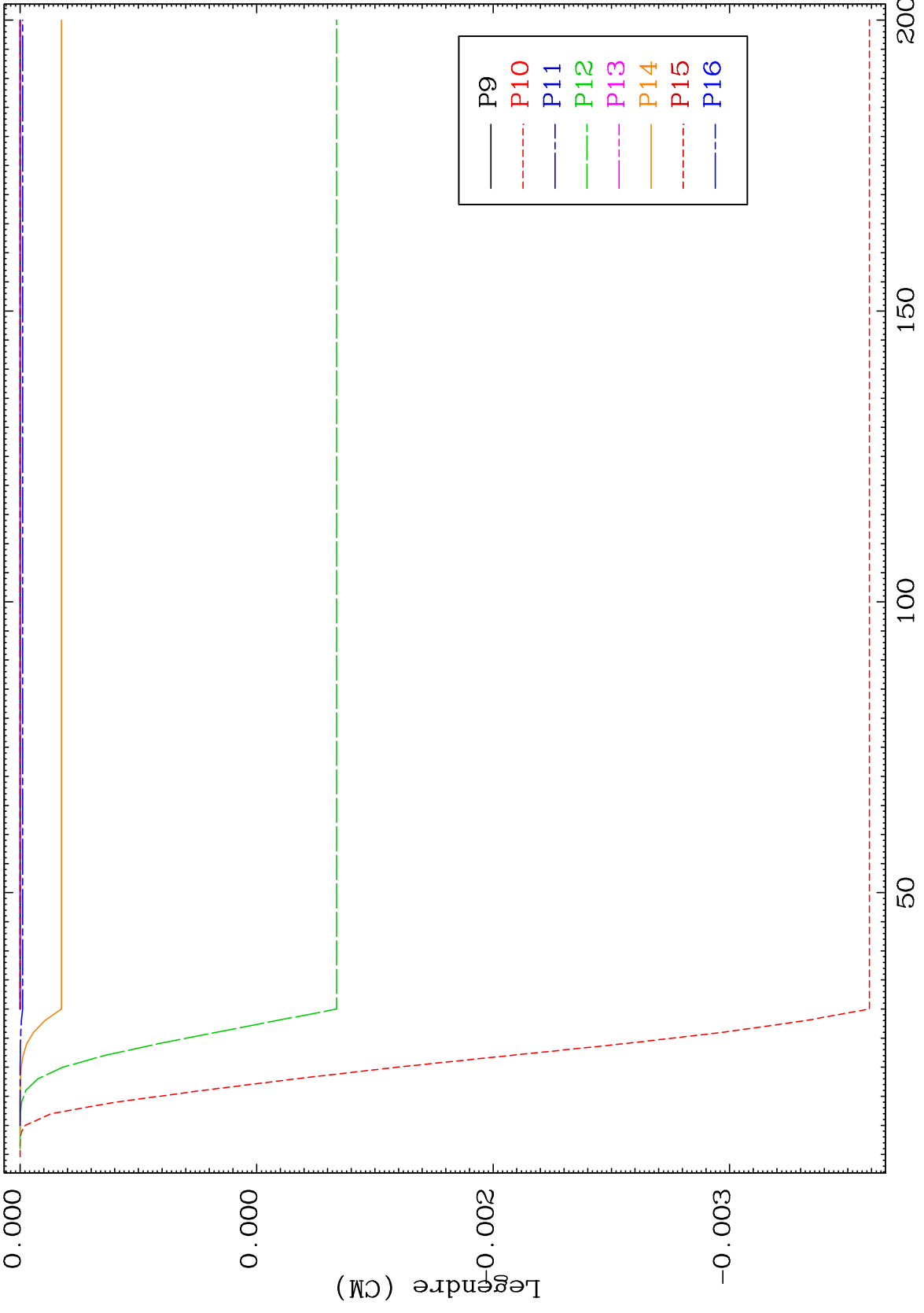
81 Incident Energy (MeV) 26-Fe-60

MAT 2643 MT= 72 (n,n') Level Legendre Coefficients 26-Fe-60

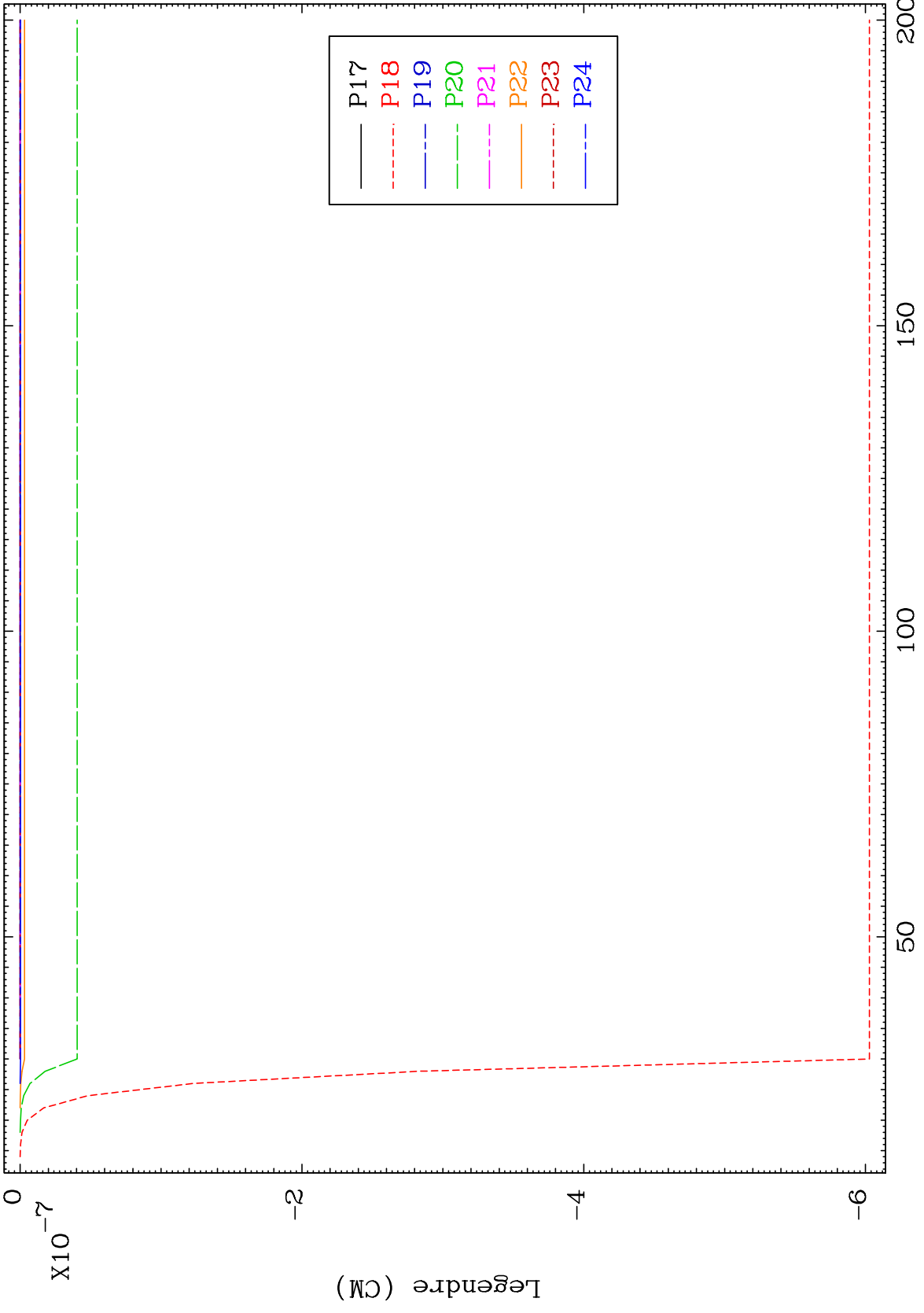


82 Incident Energy (MeV) 200 26-Fe-60

MAT 2643 MT= 72 (n,n') Level Legendre Coefficients 26-Fe-60



MAT 2643 MT= 72 (n,n') Level Legendre Coefficients 26-Fe-60

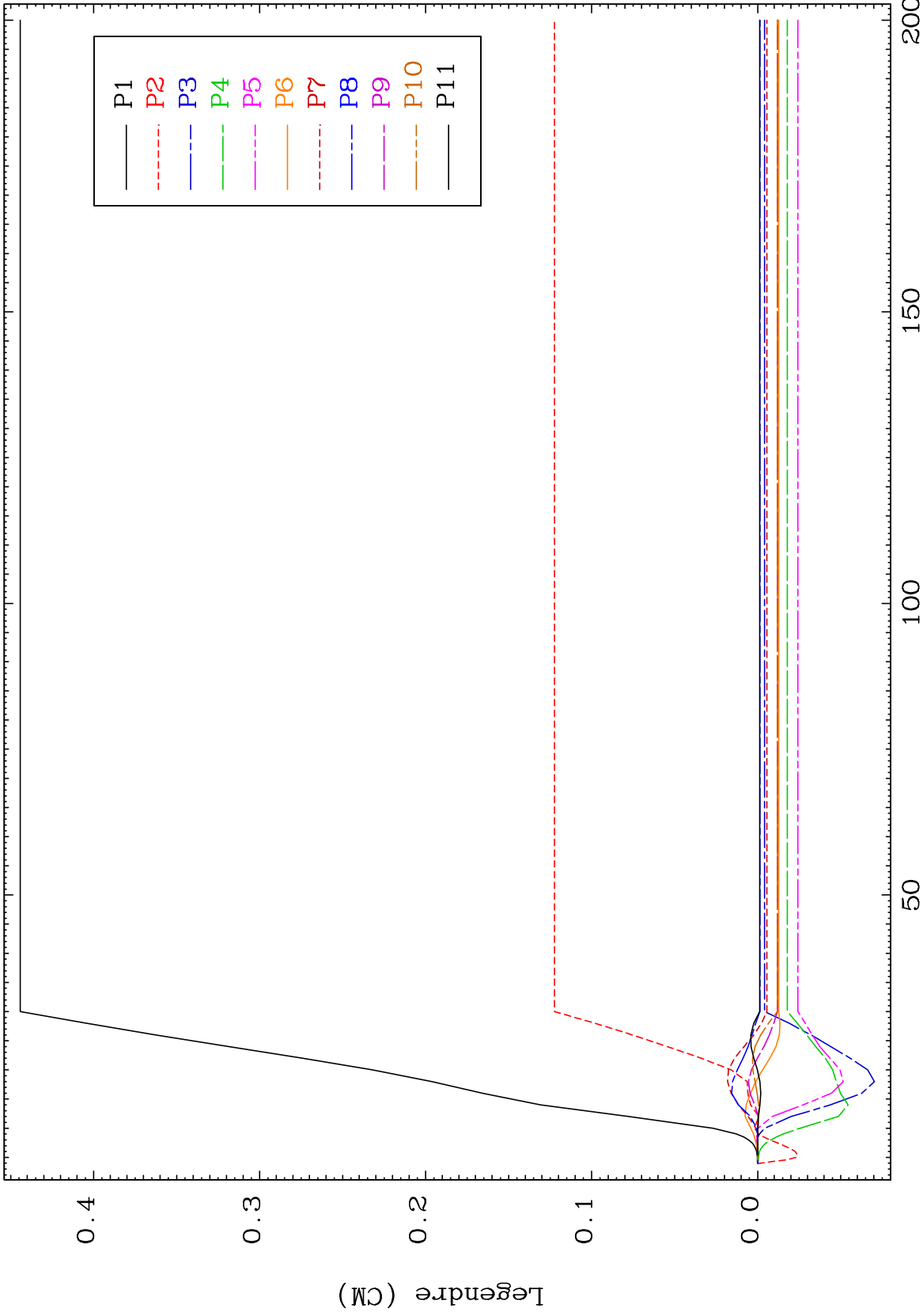


84 26-Fe-60

MAT 2643

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

26-Fe-60



85

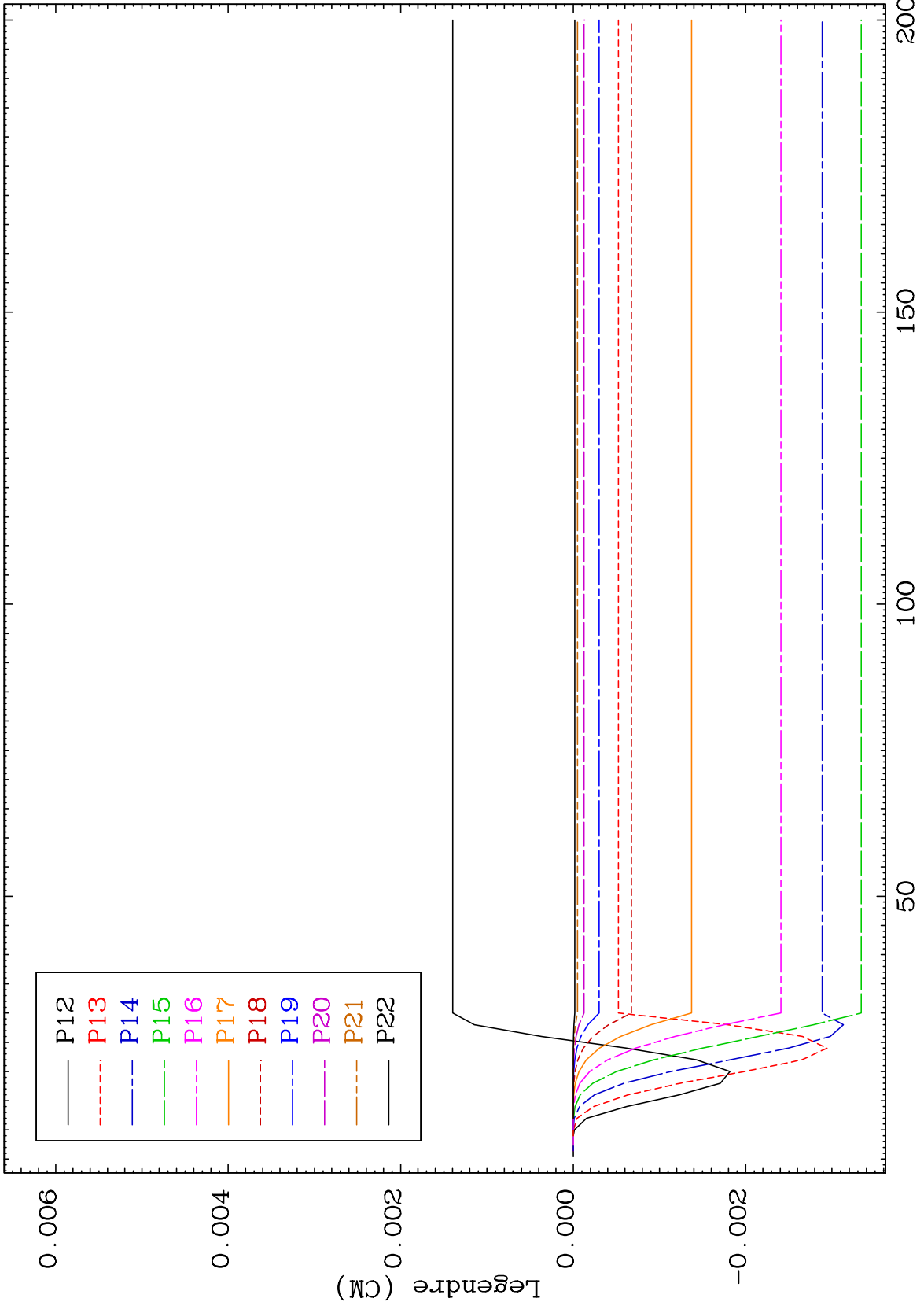
Incident Energy (MeV)

26-Fe-60

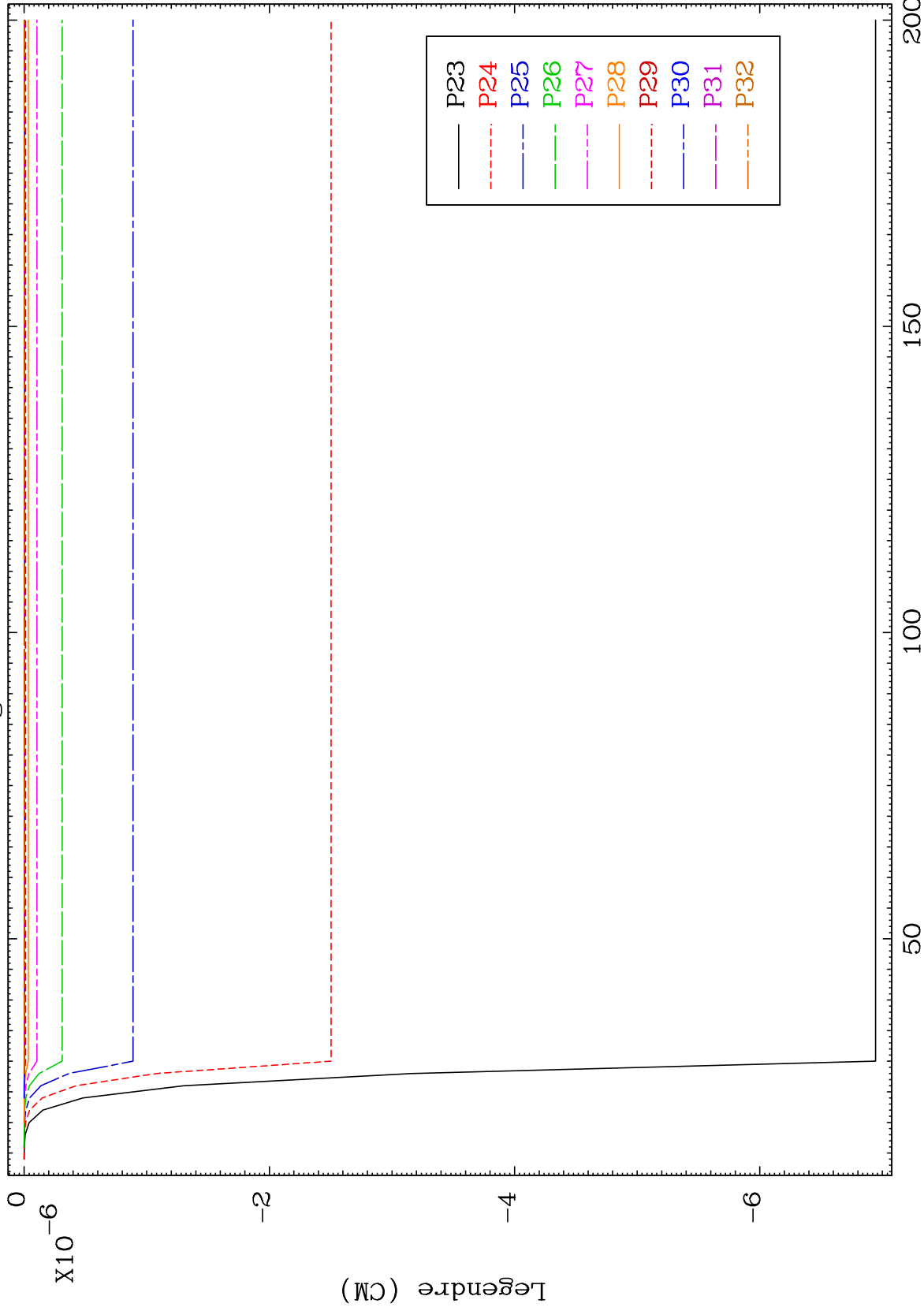
MAT 2643

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

26-Fe-60



MAT 2643 MT= 73 (n,n') Level Legendre Coefficients 26-Fe-60

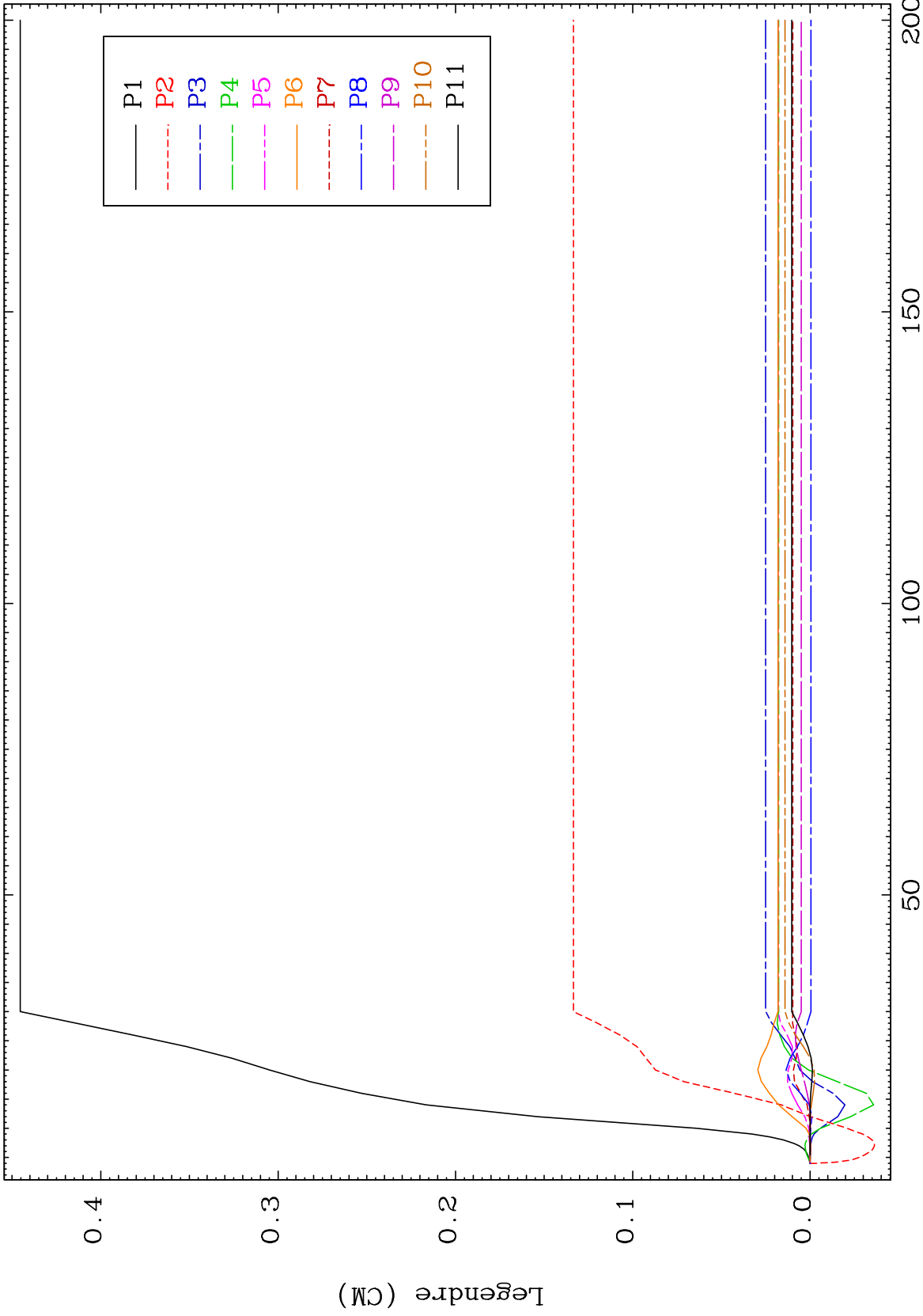




MAT 2643

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

26-Fe-60



88

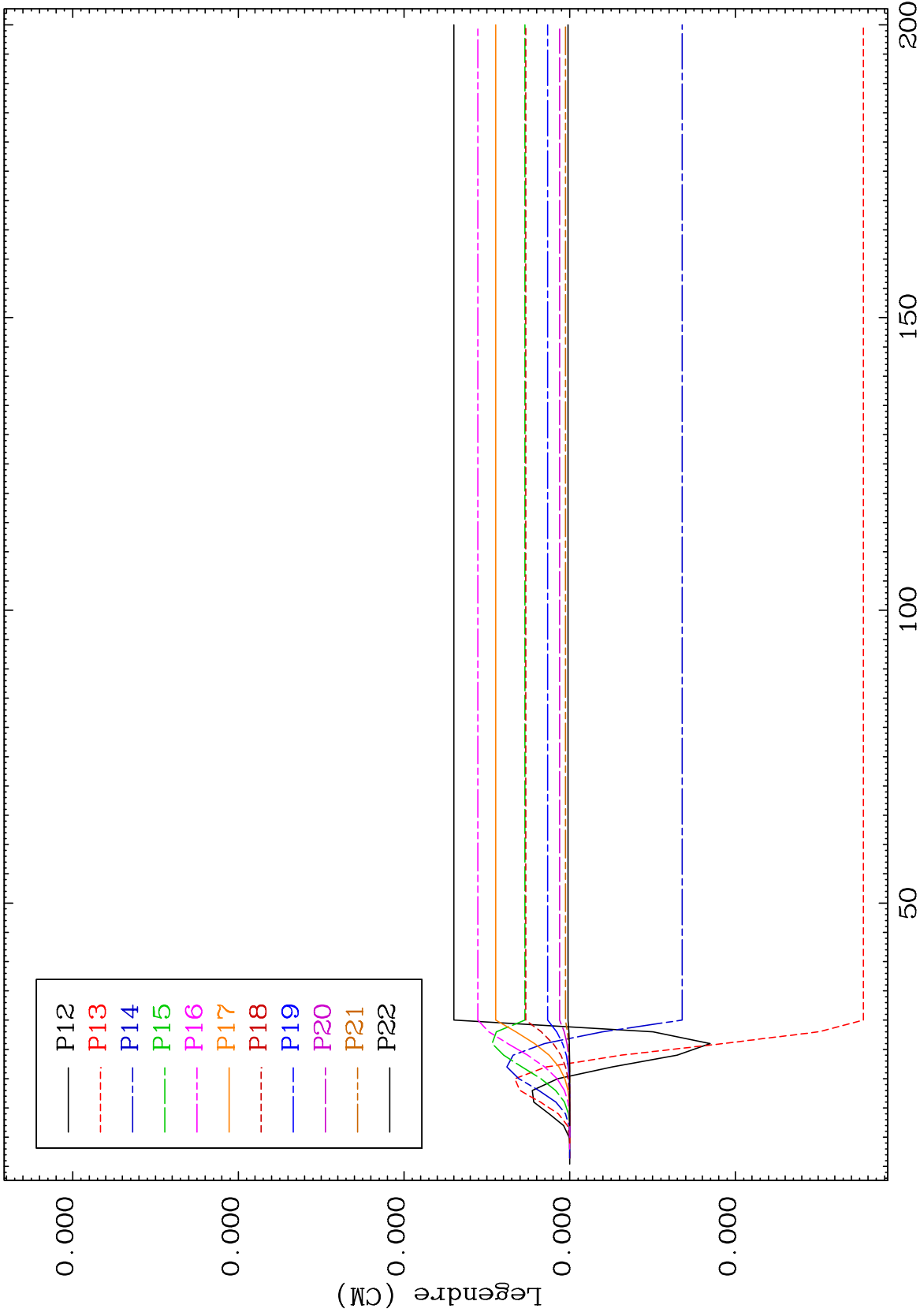
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

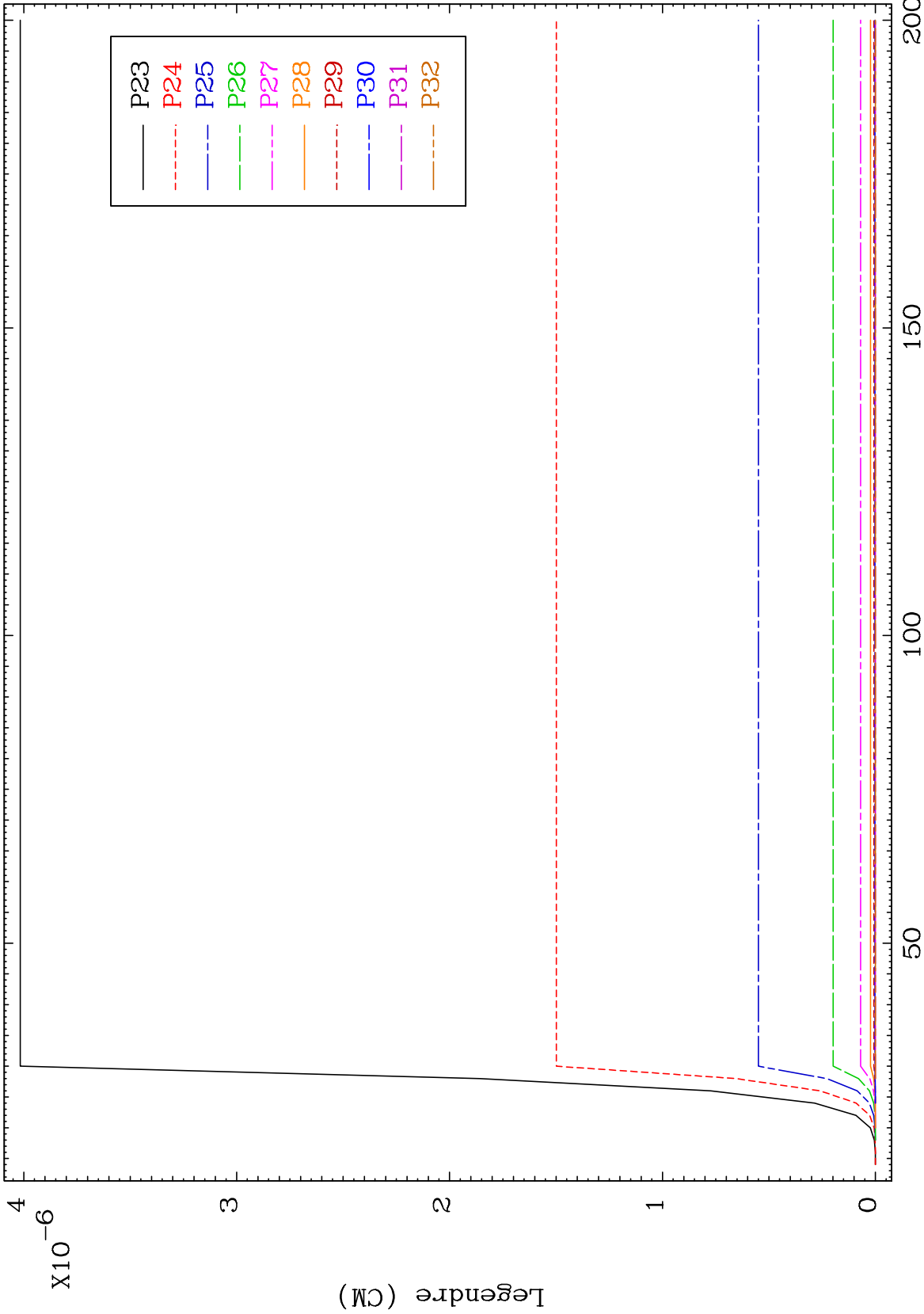
<sup>26</sup>Fe-60



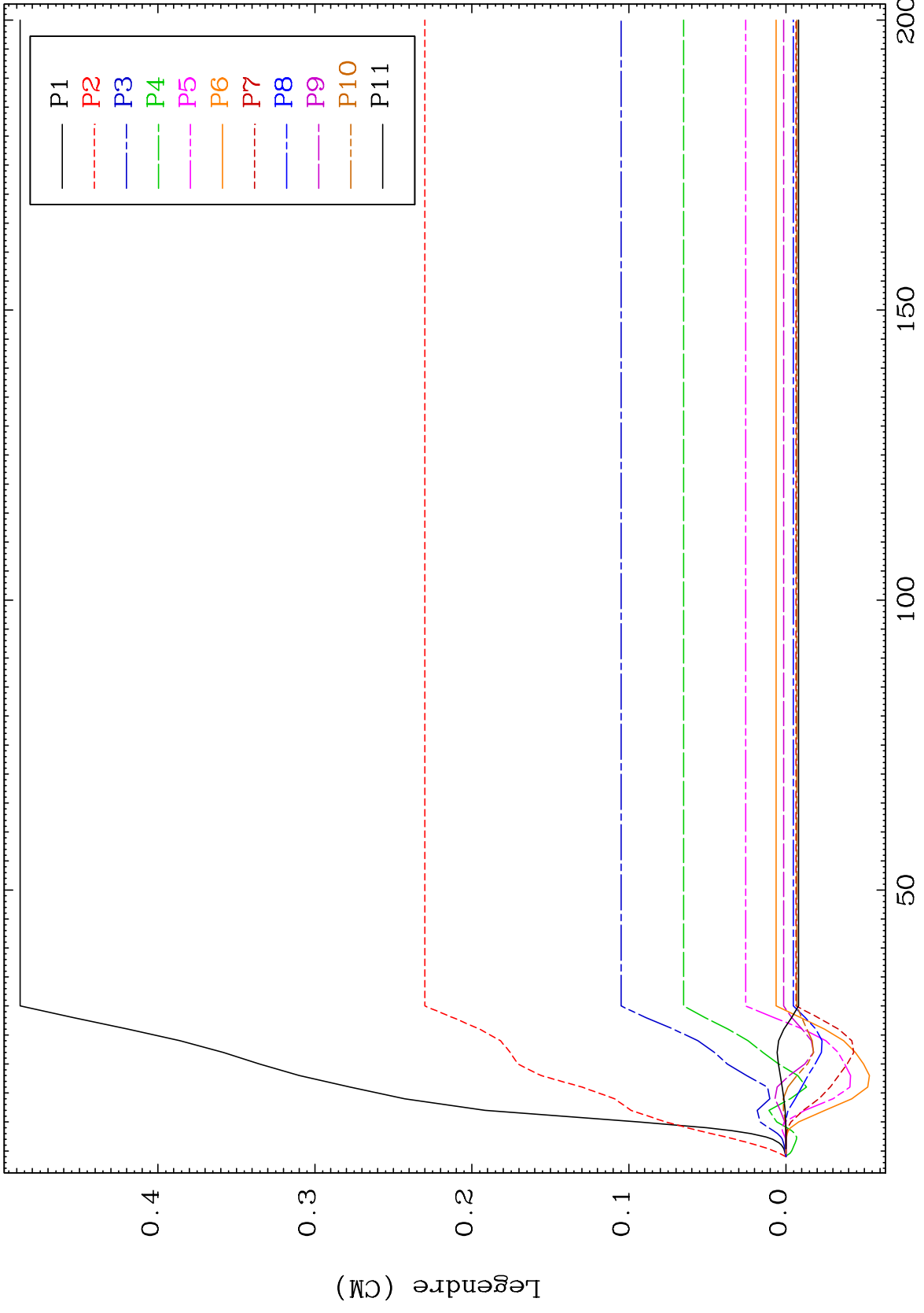
MAT 2643

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

26-Fe-60



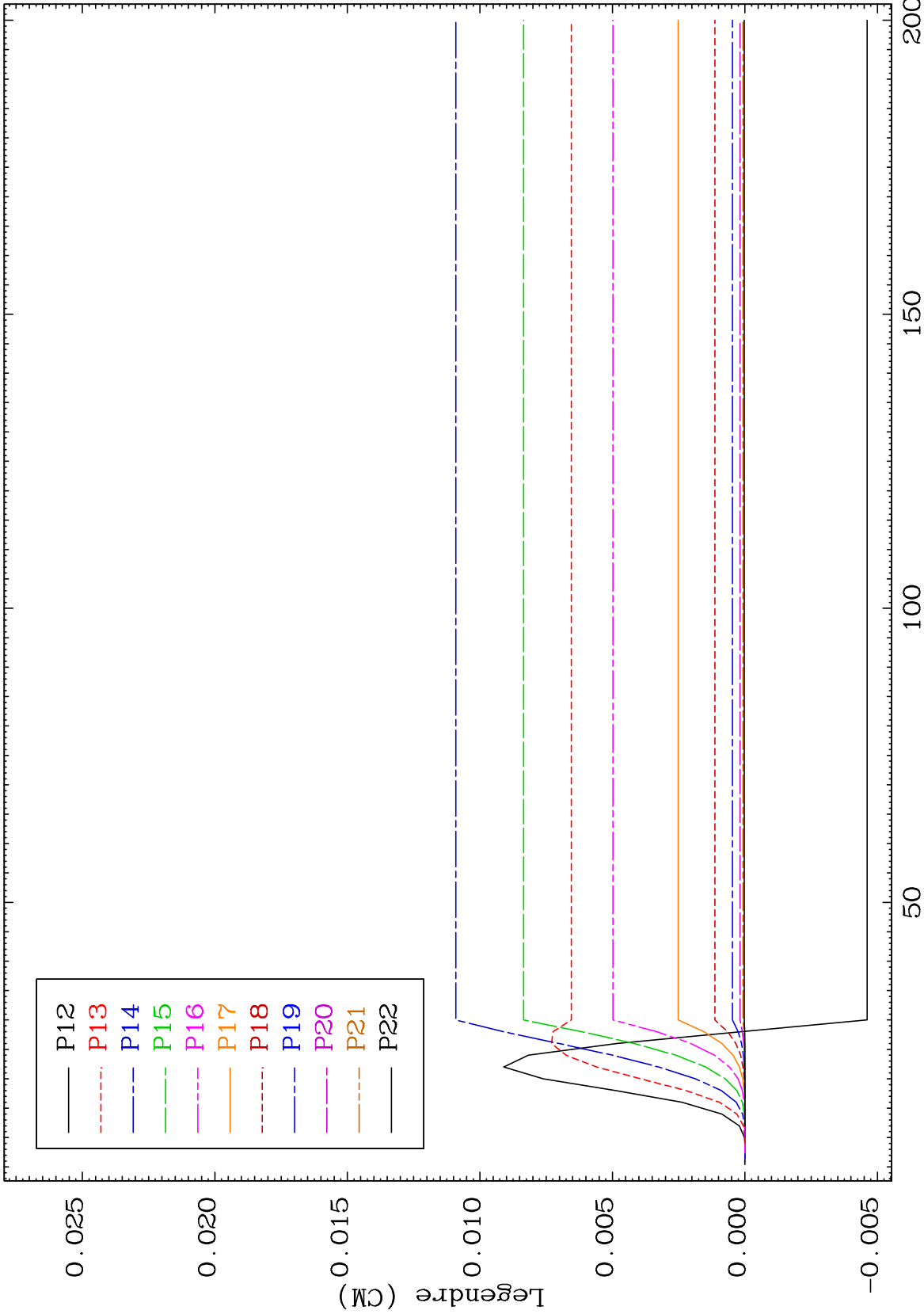
MAT 2643 MT= 75 (n,n') Level Legendre Coefficients 26-Fe-60



MAT 2643

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

26-Fe-60



92

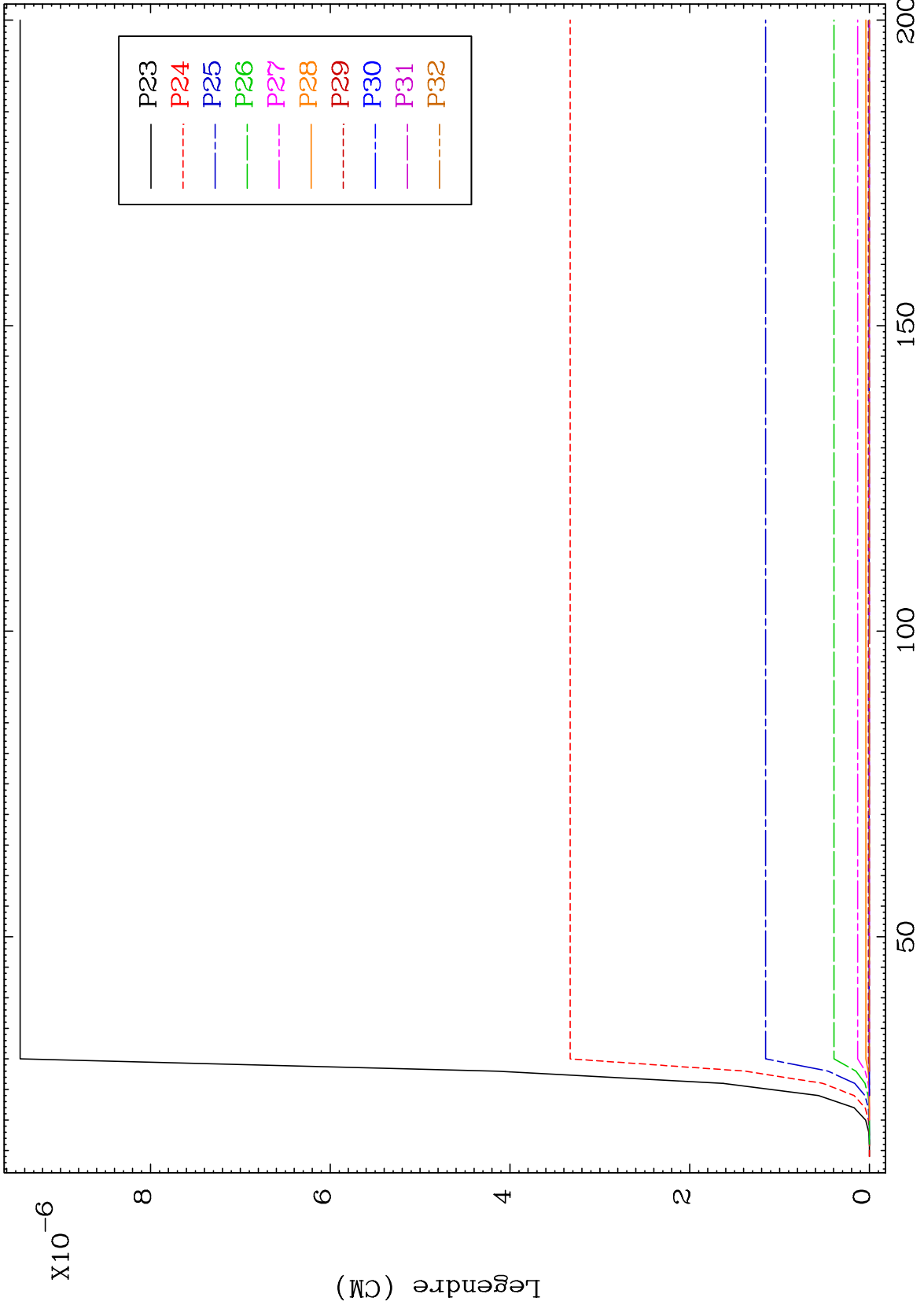
Incident Energy (MeV)

26-Fe-60

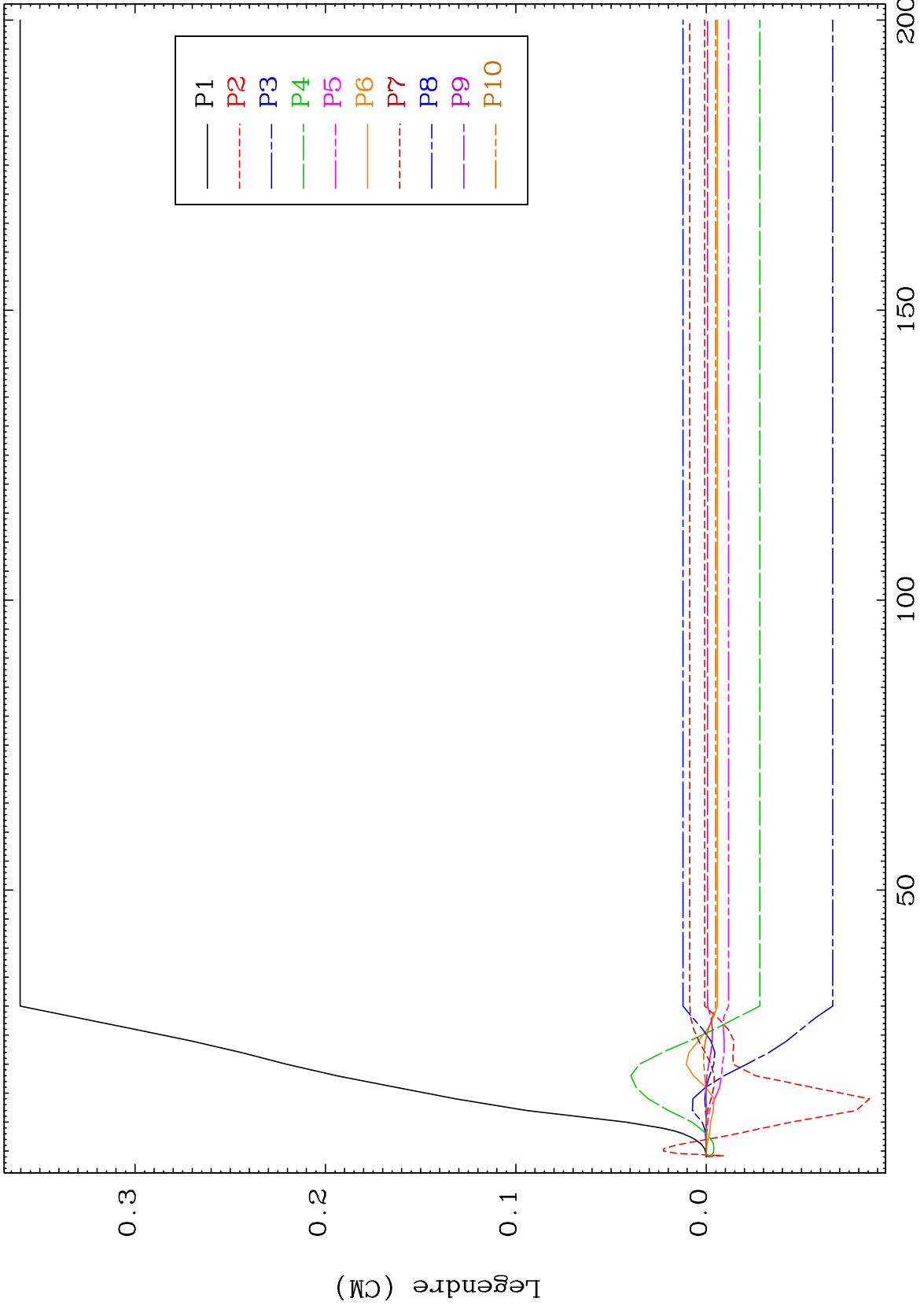
MAT 2643

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

26-Fe-60



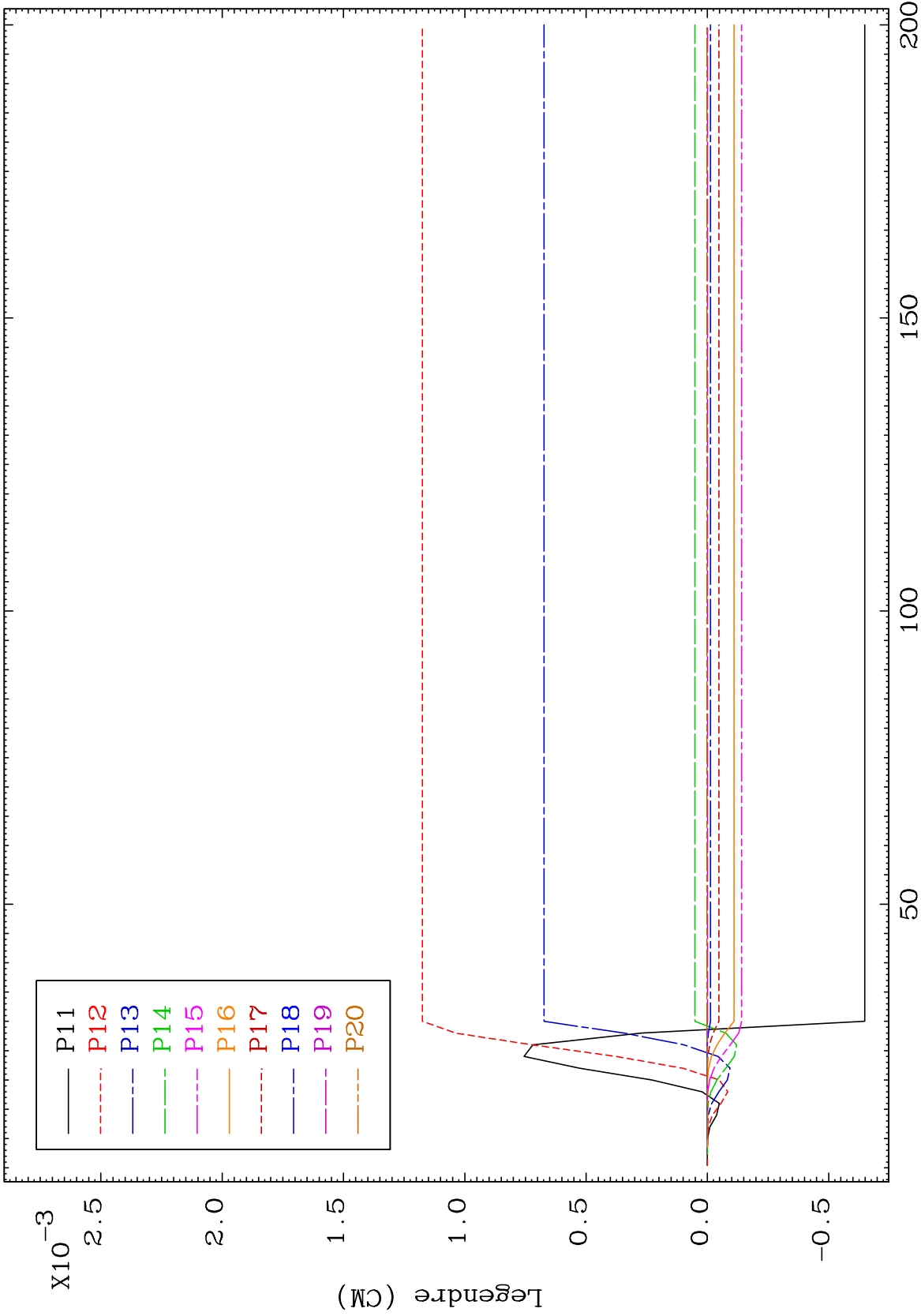
MAT 2643 MT= 76 (n,n') Level Legendre Coefficients 26-Fe-60



MAT 2643

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

<sup>26</sup>Fe-60



95

Incident Energy (MeV)

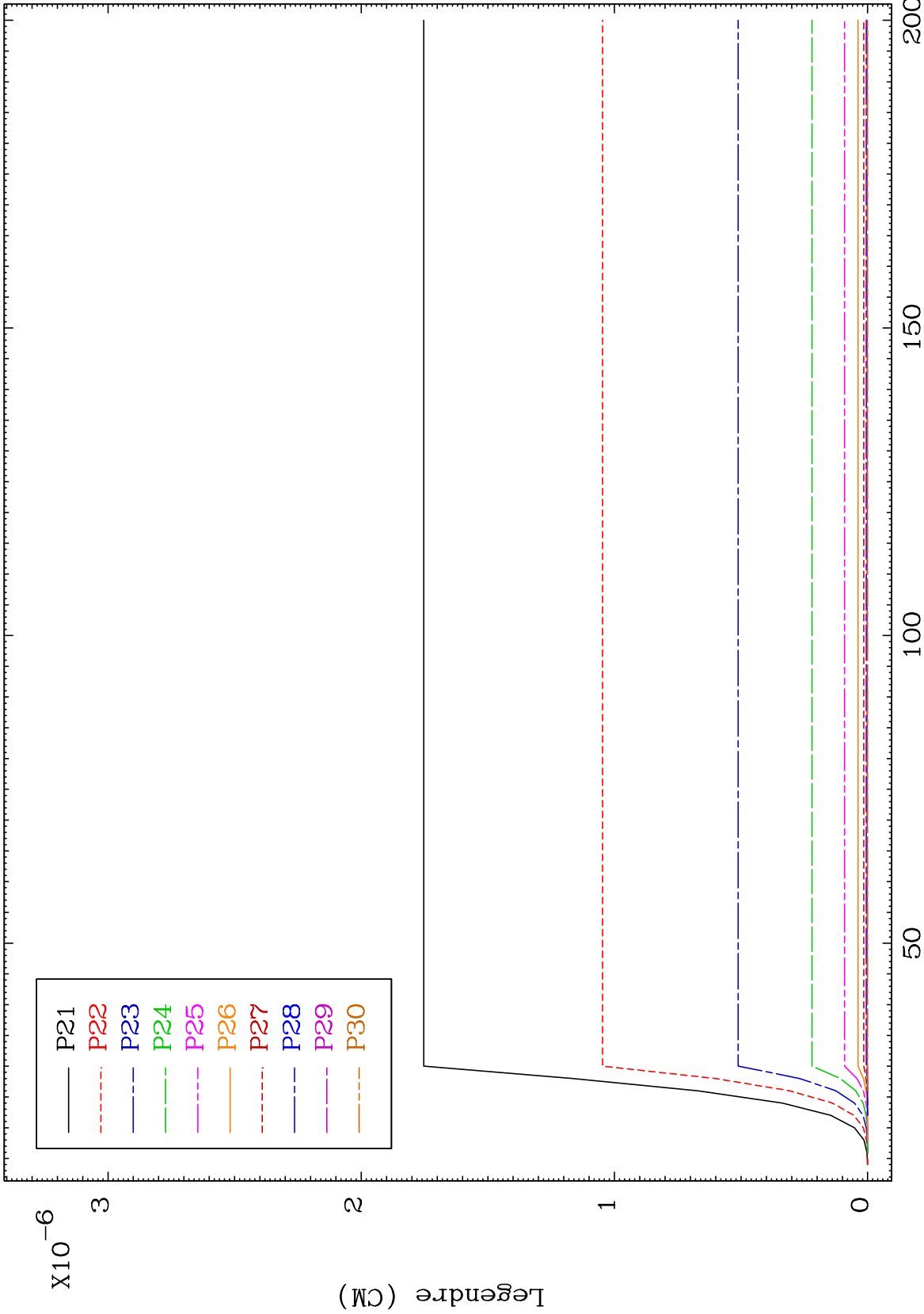
<sup>26</sup>Fe-60



MAT 2643

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

<sup>26</sup>Fe-60



96

Incident Energy (MeV)

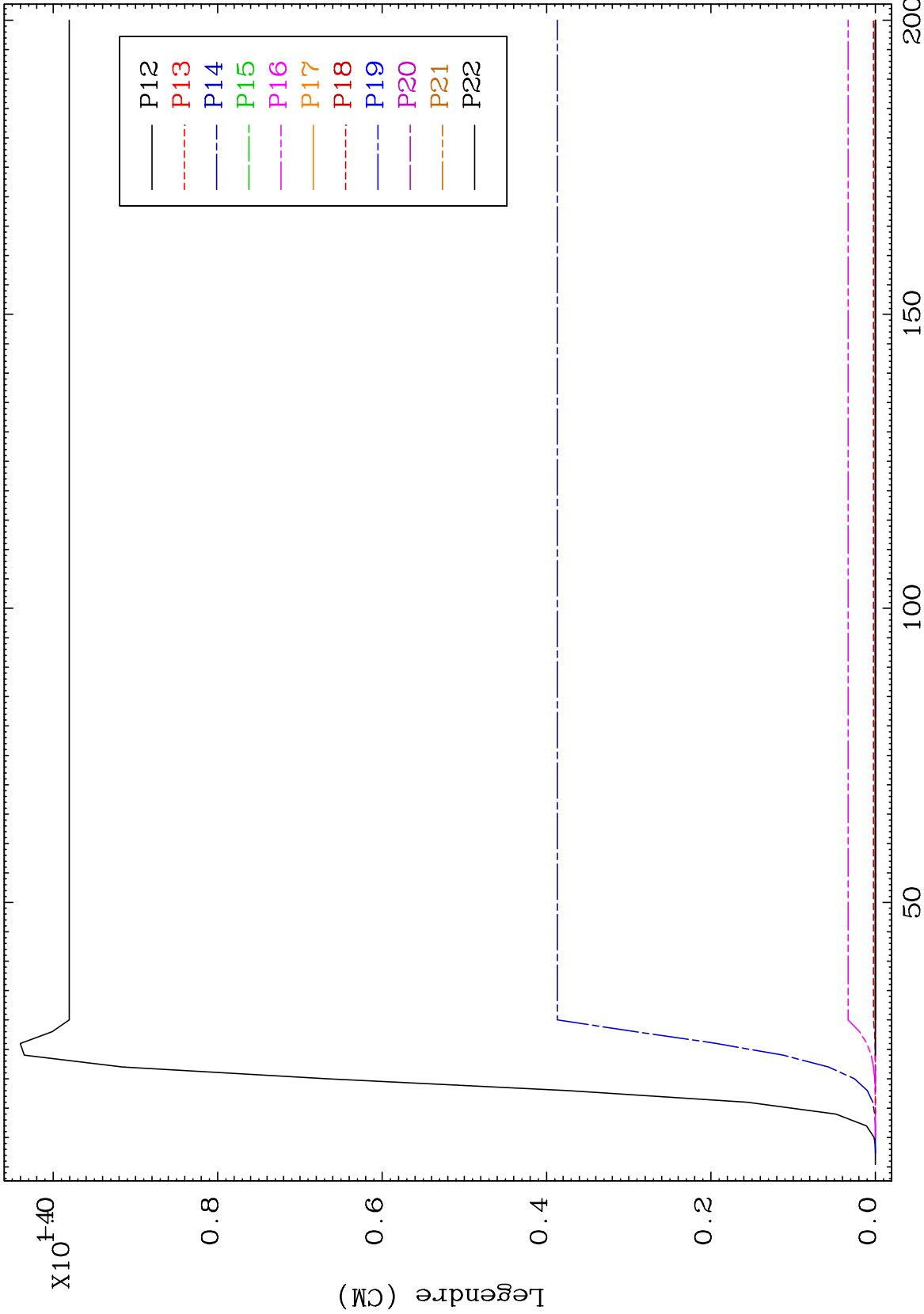
<sup>26</sup>Fe-60



MAT 2643

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

26-Fe-60



98

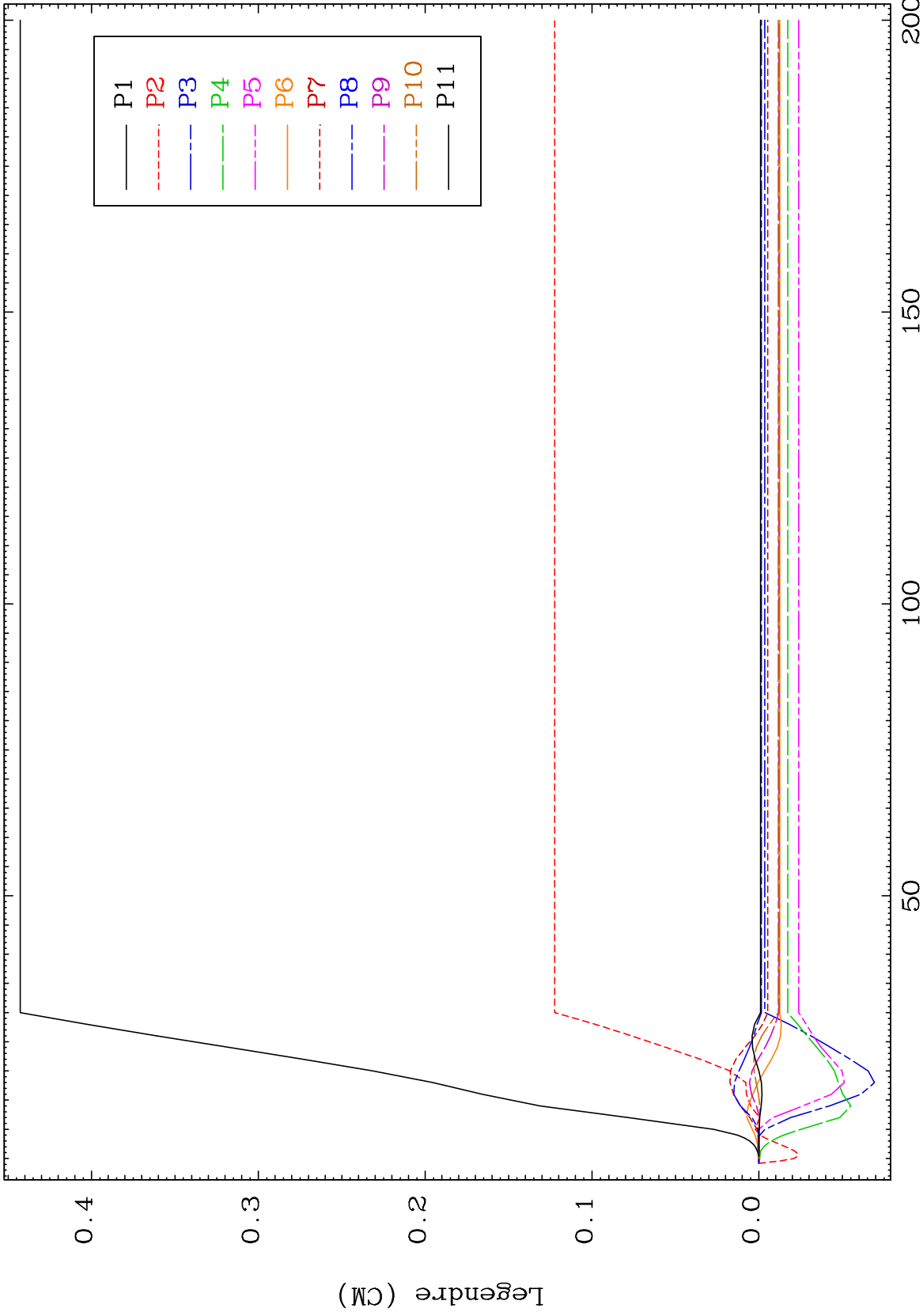
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

26-Fe-60



99

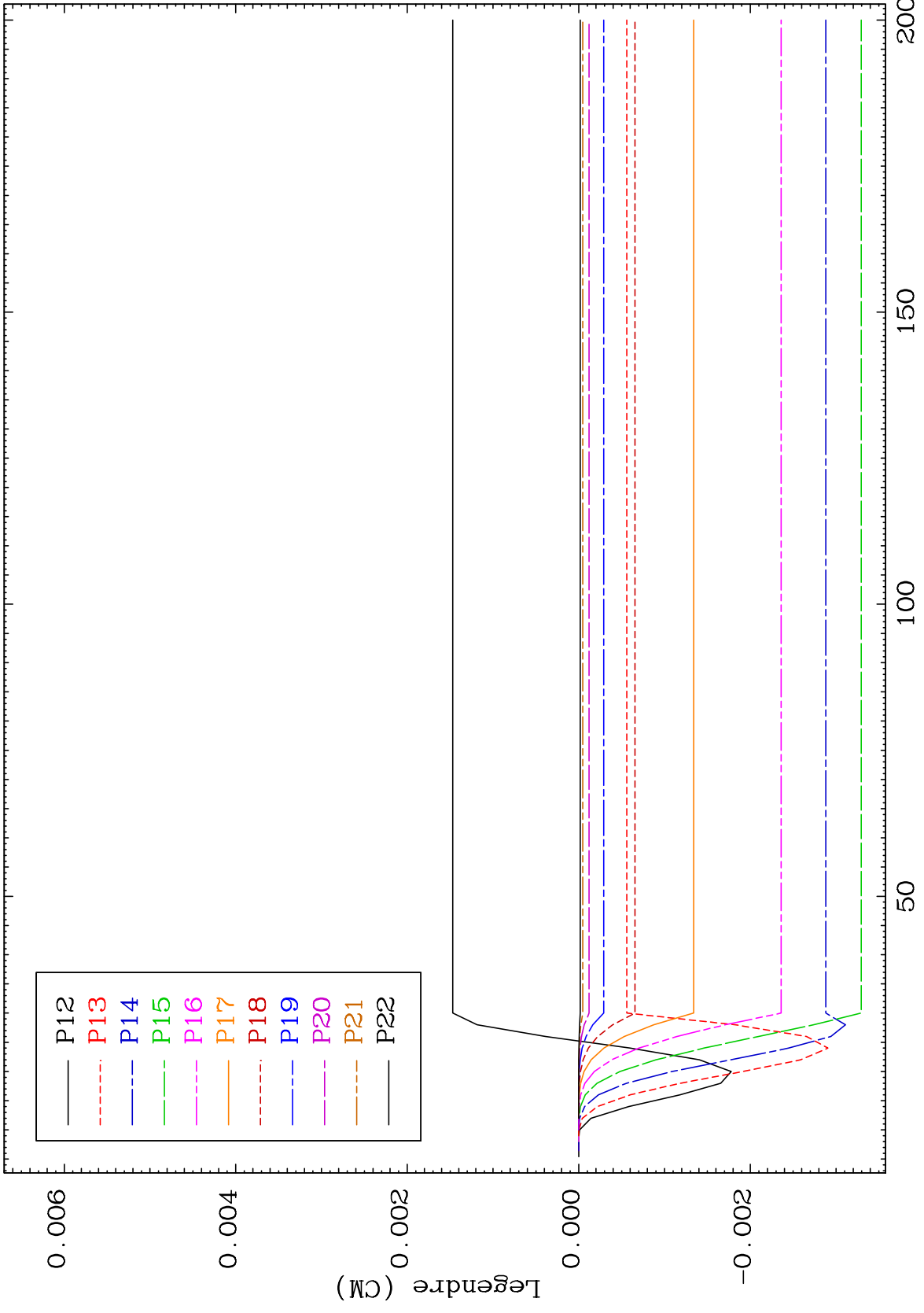
Incident Energy (MeV)

26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60

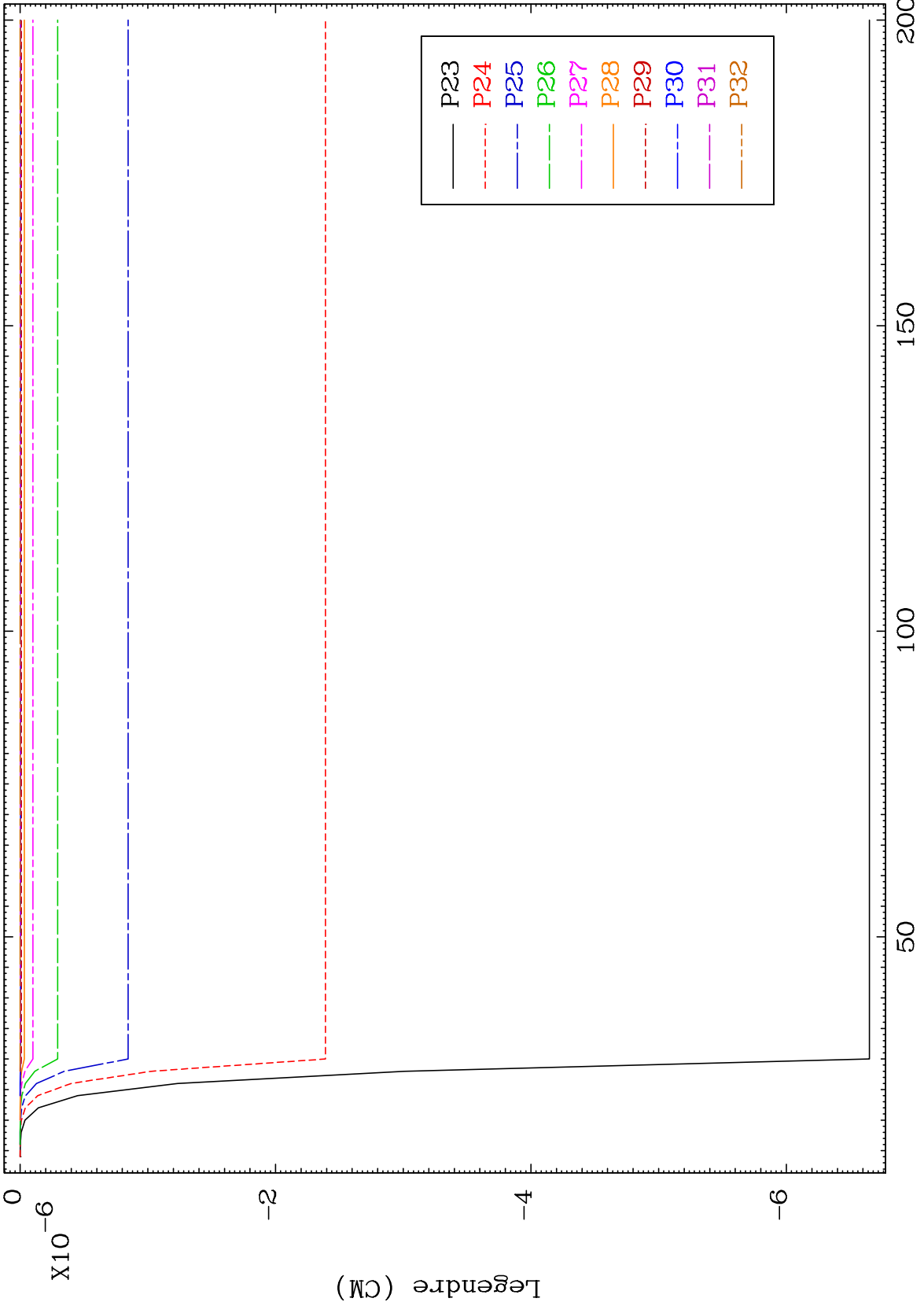


<sup>26</sup>Fe-60

Incident Energy (MeV)

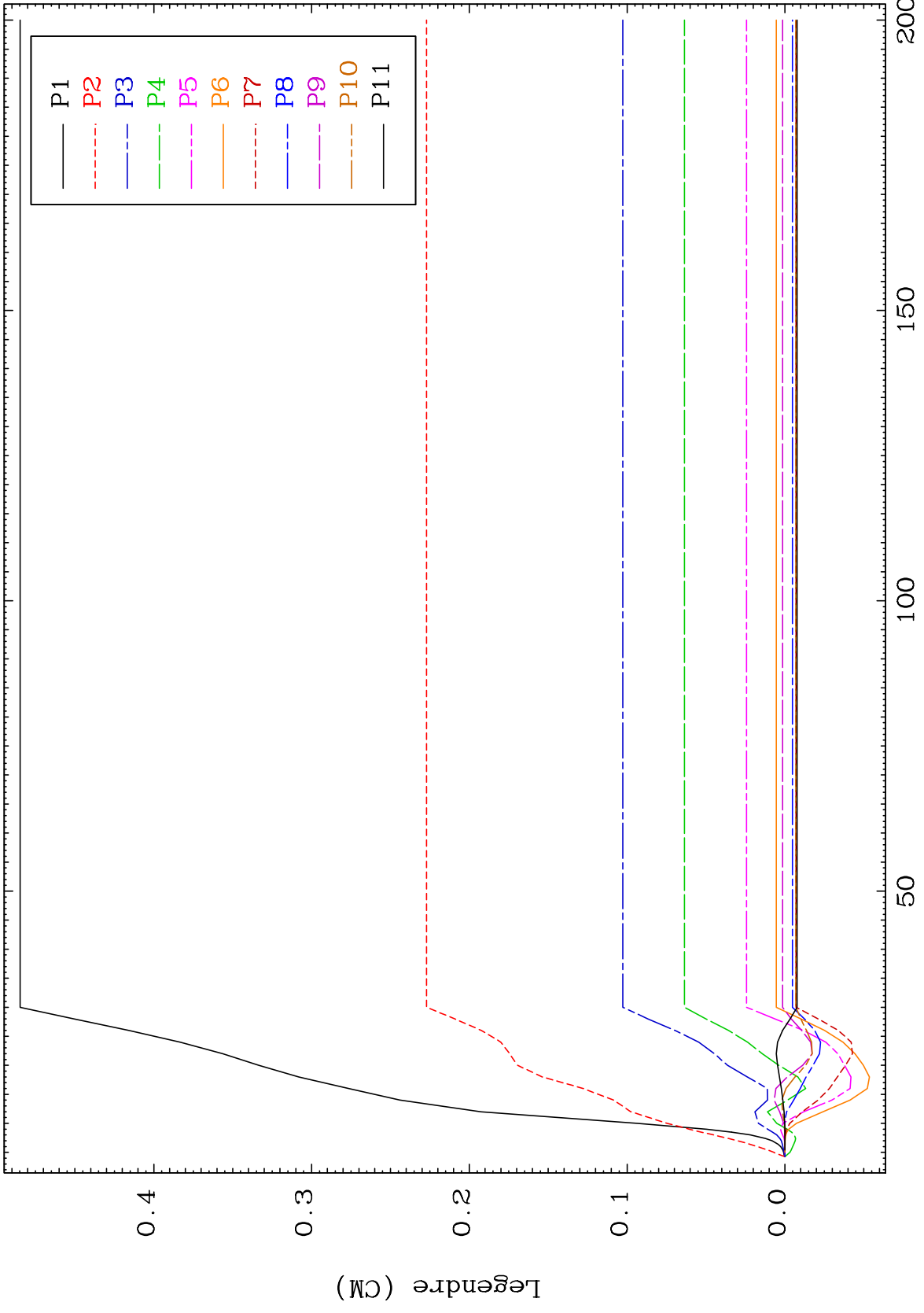
100

MAT 2643 MT= 78 (n,n') Level Legendre Coefficients 26-Fe-60



101 Incident Energy (MeV) 26-Fe-60

MAT 2643 MT= 79 (n,n') Level Legendre Coefficients 26-Fe-60

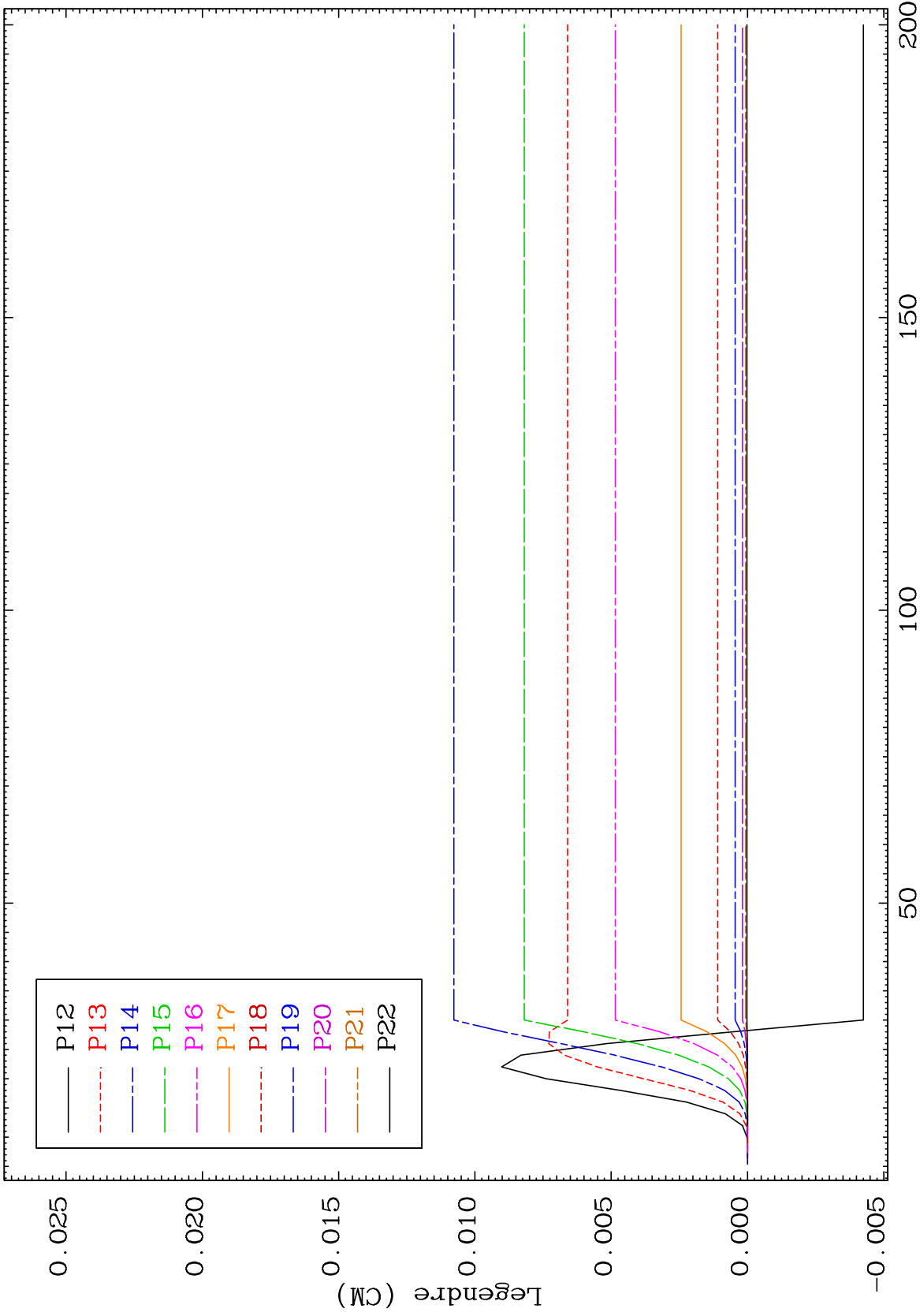


102 Incident Energy (MeV) 26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60



103

Incident Energy (MeV)

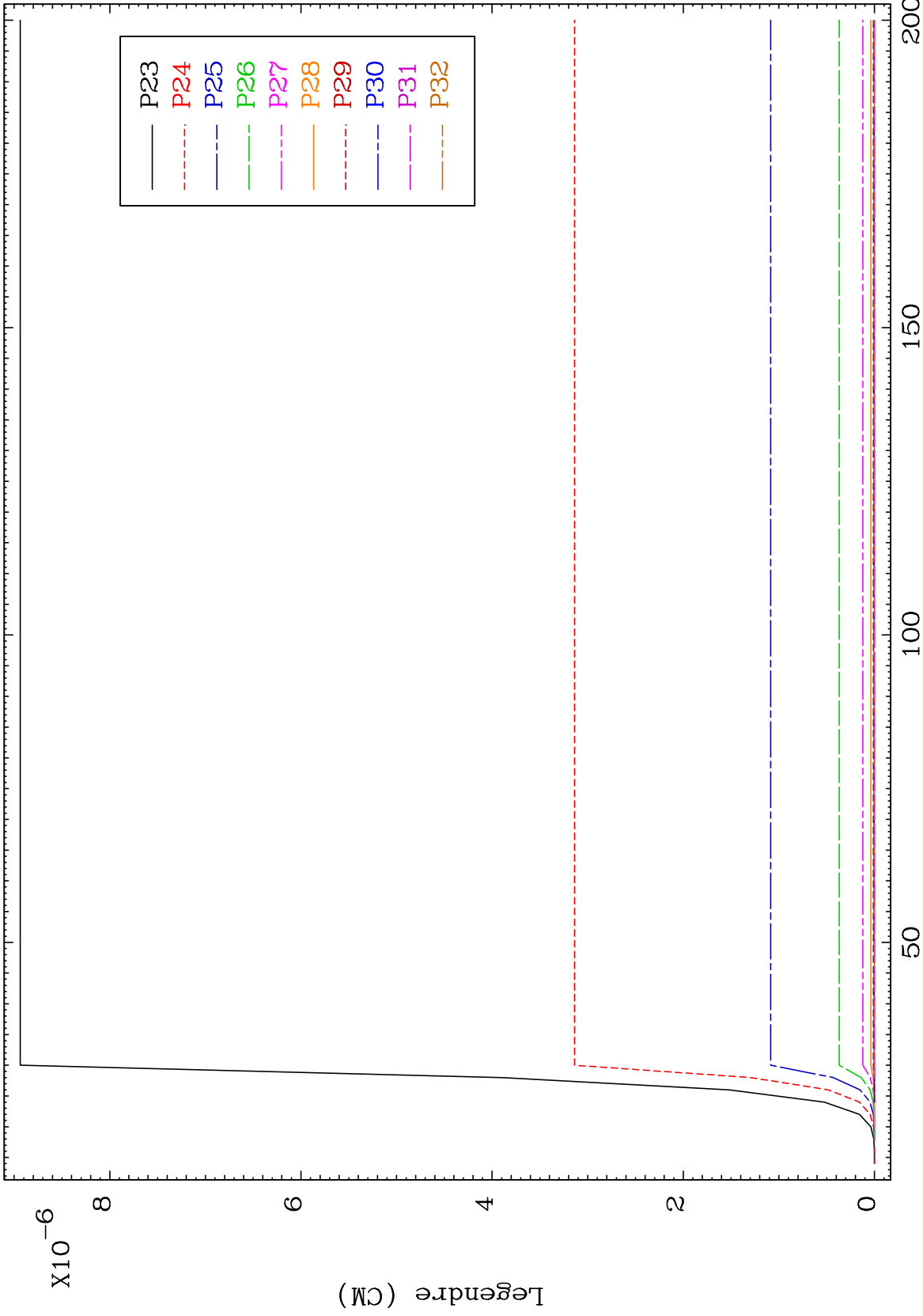
<sup>26</sup>Fe-60



MAT 2643

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

26-Fe-60

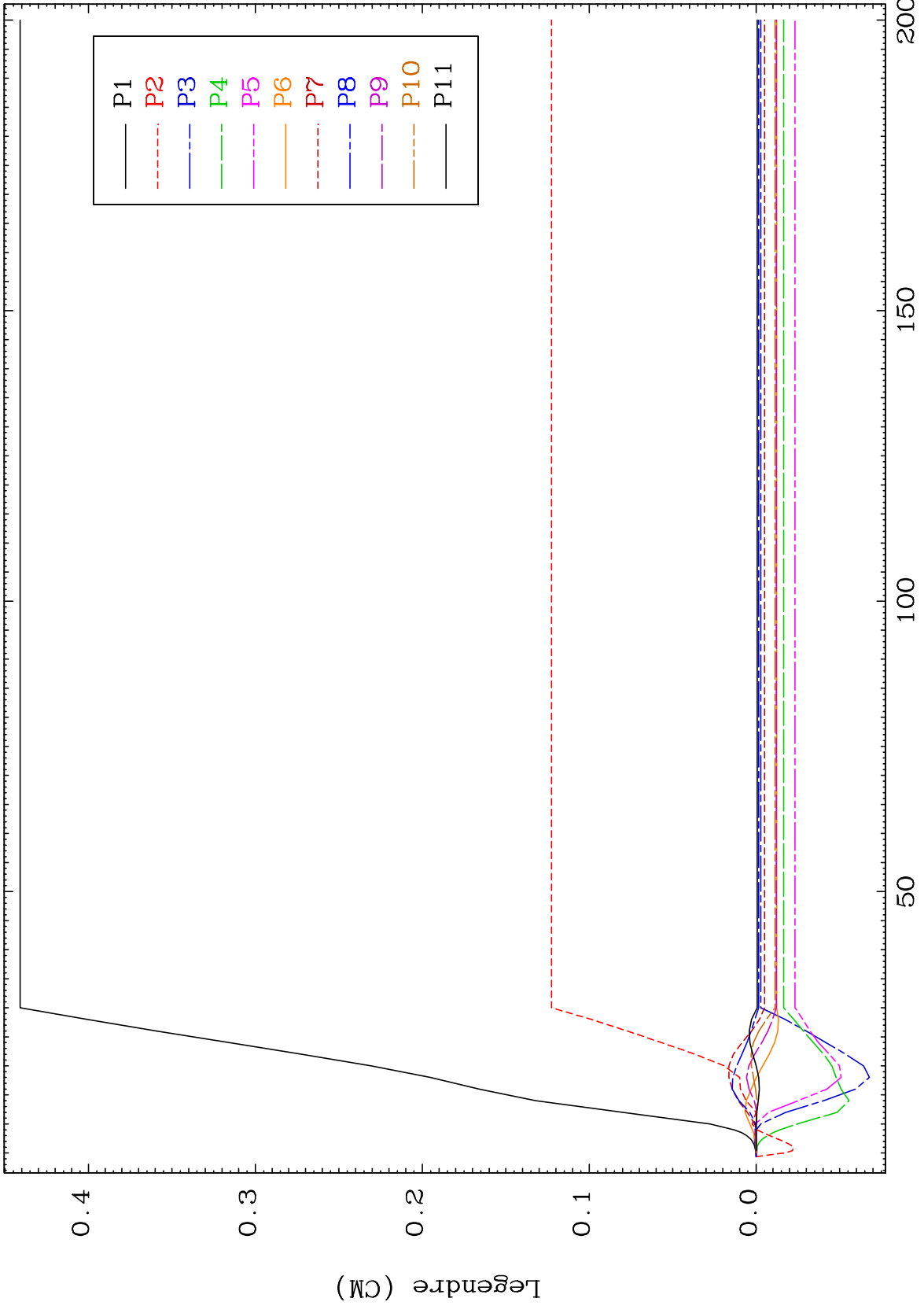


104

Incident Energy (MeV)

26-Fe-60

MAT 2643 MT= 80 (n,n') Level Legendre Coefficients 26-Fe-60

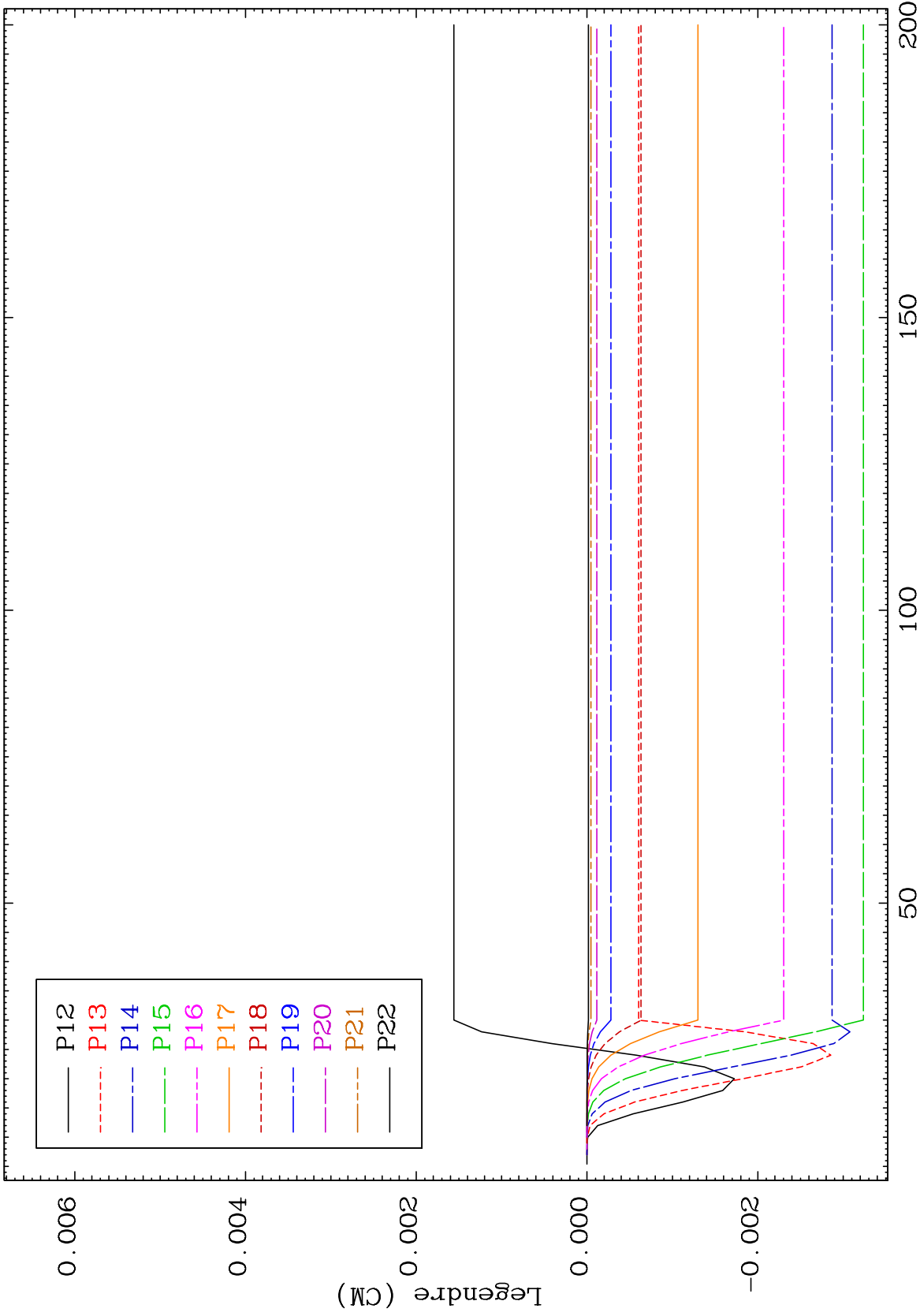


Legendre (CM) Incident Energy (MeV) 26-Fe-60

MAT 2643

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

<sup>26</sup>Fe-60

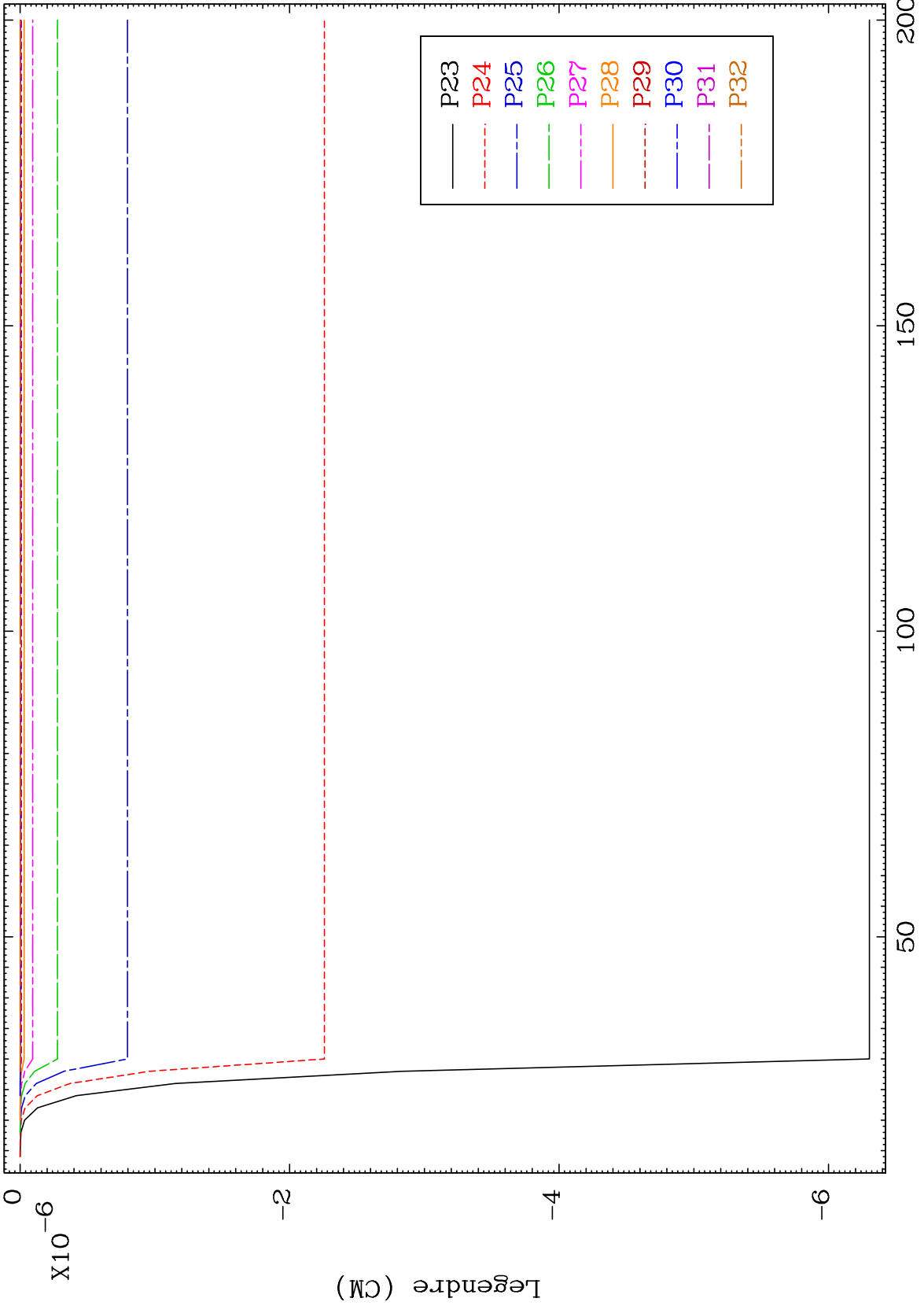


106

Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643 MT= 80 (n,n') Level Legendre Coefficients 26-Fe-60



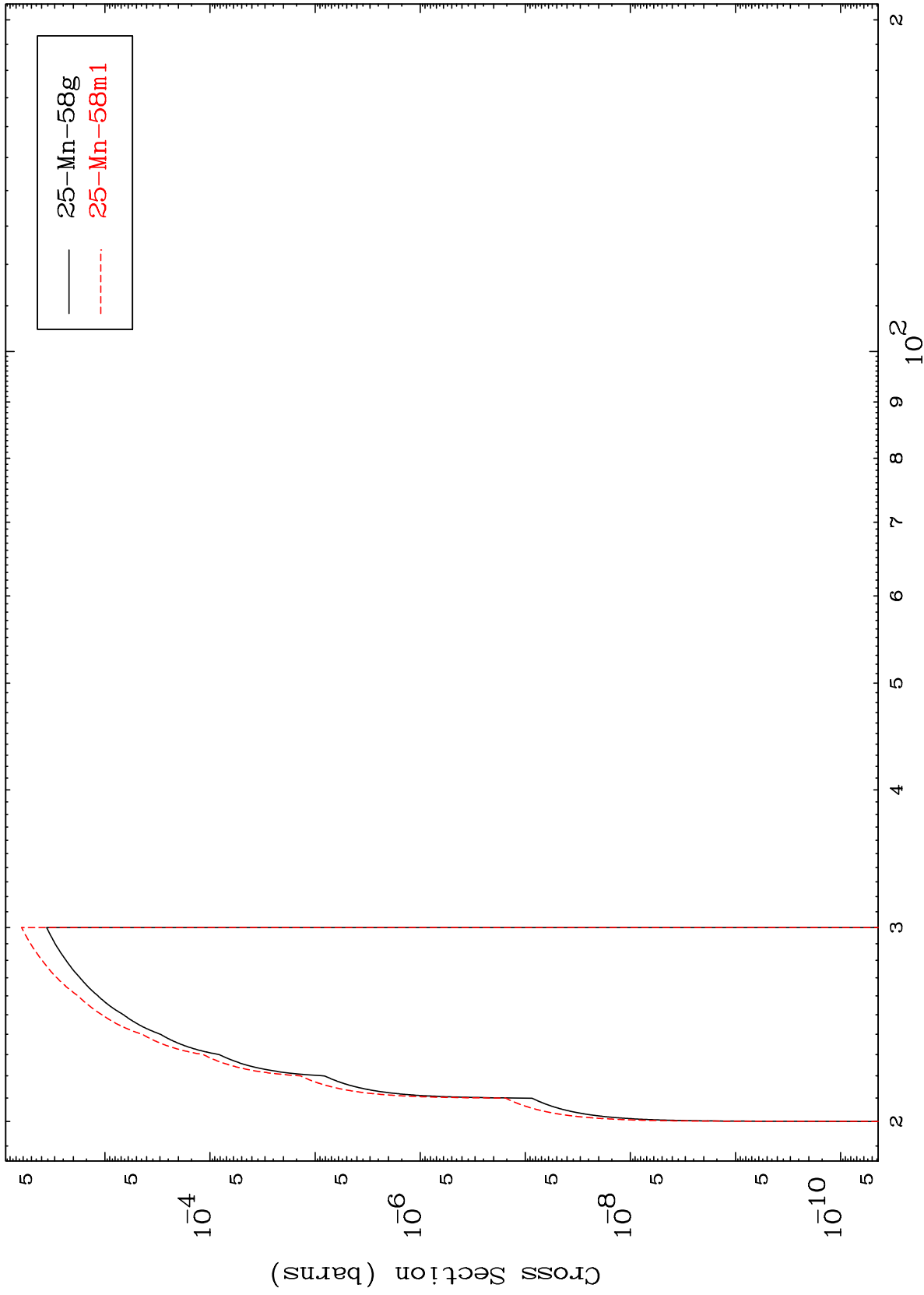
107 Incident Energy (MeV) 26-Fe-60

MAT 2643

(n,n') d

<sup>26</sup>Fe-60

Radionuclide Production Cross Section



108

Incident Energy (MeV)

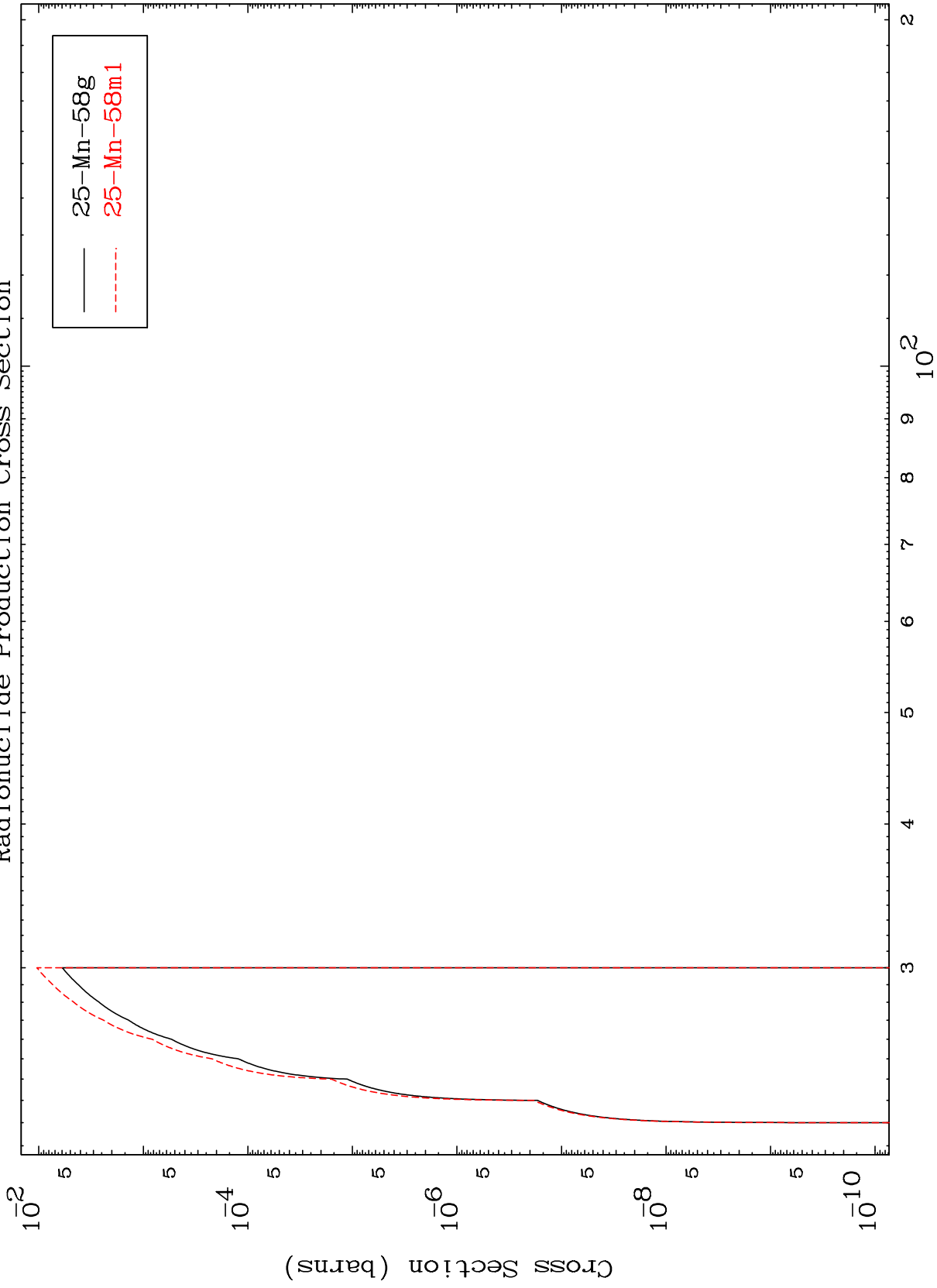
<sup>26</sup>Fe-60

MAT 2643

(n,2n) p

<sup>26</sup>Fe-60

Radionuclide Production Cross Section



109

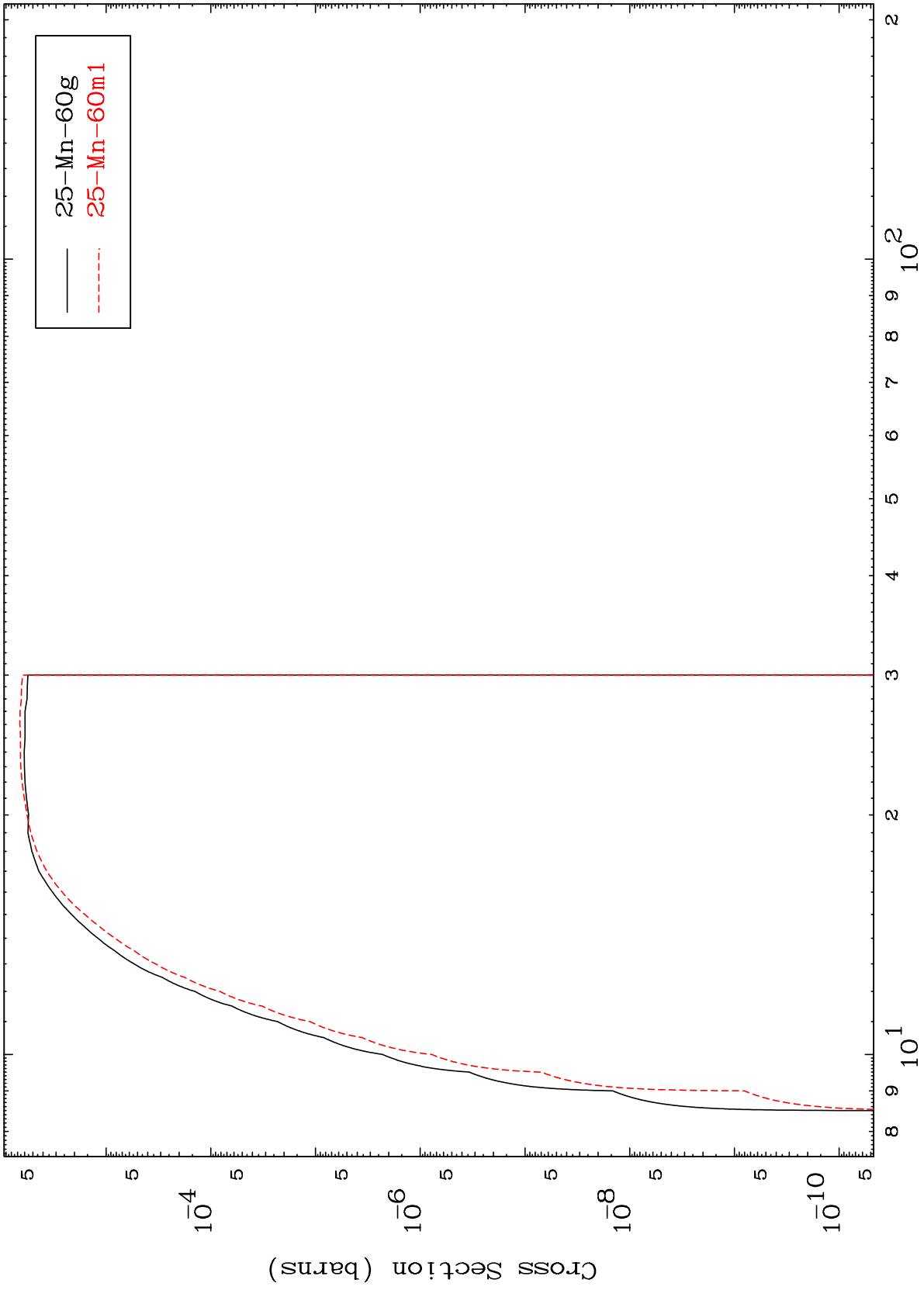
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

<sup>26</sup>Fe-60

(n,p)  
Radionuclide Production Cross Section



110

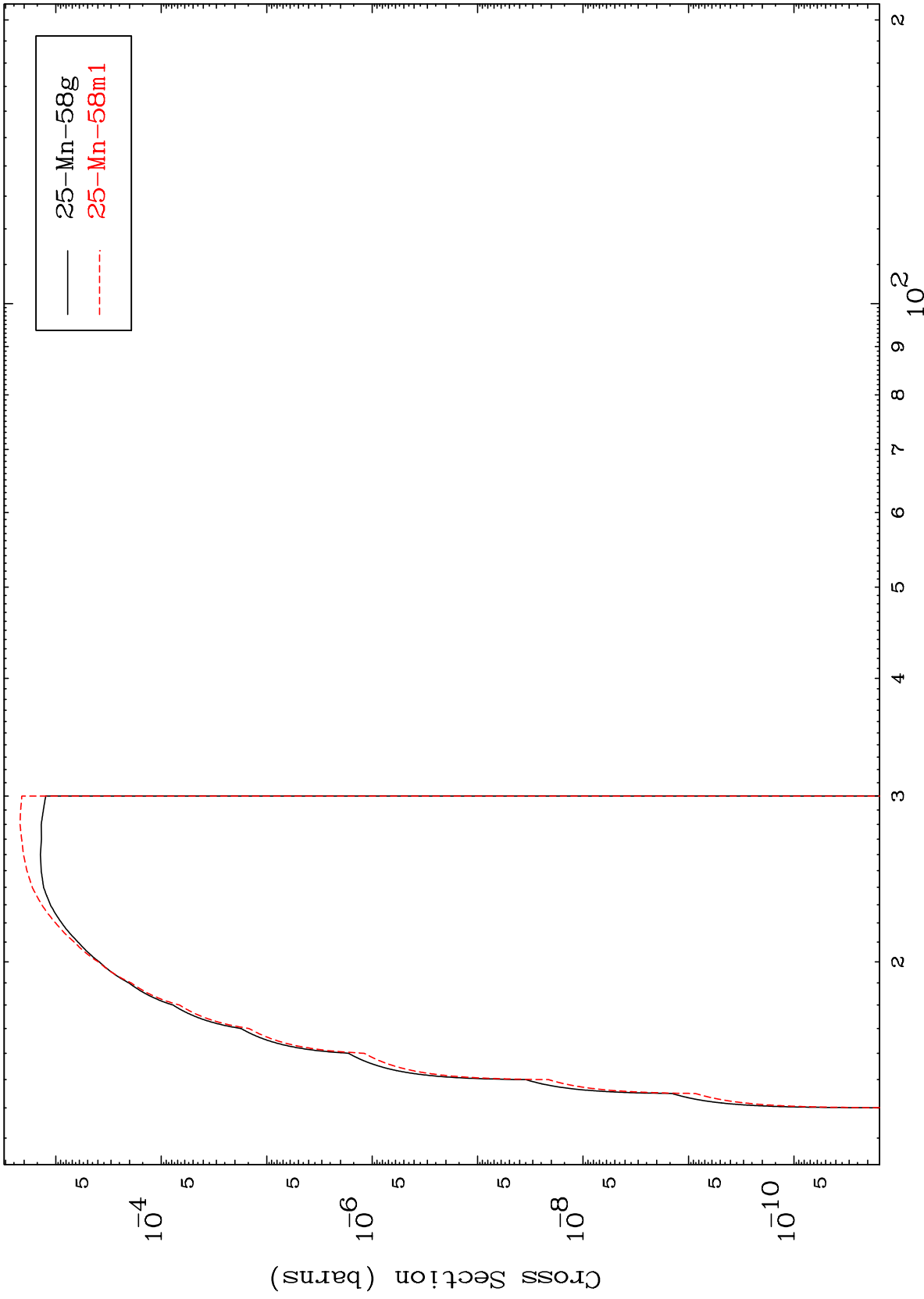
Incident Energy (MeV)

<sup>26</sup>Fe-60

MAT 2643

<sup>26</sup>Fe-60

(n, t)  
Radionuclide Production Cross Section



111

Incident Energy (MeV)

<sup>26</sup>Fe-60