

Program EVALPLOT  
(Version 2018-1)

by

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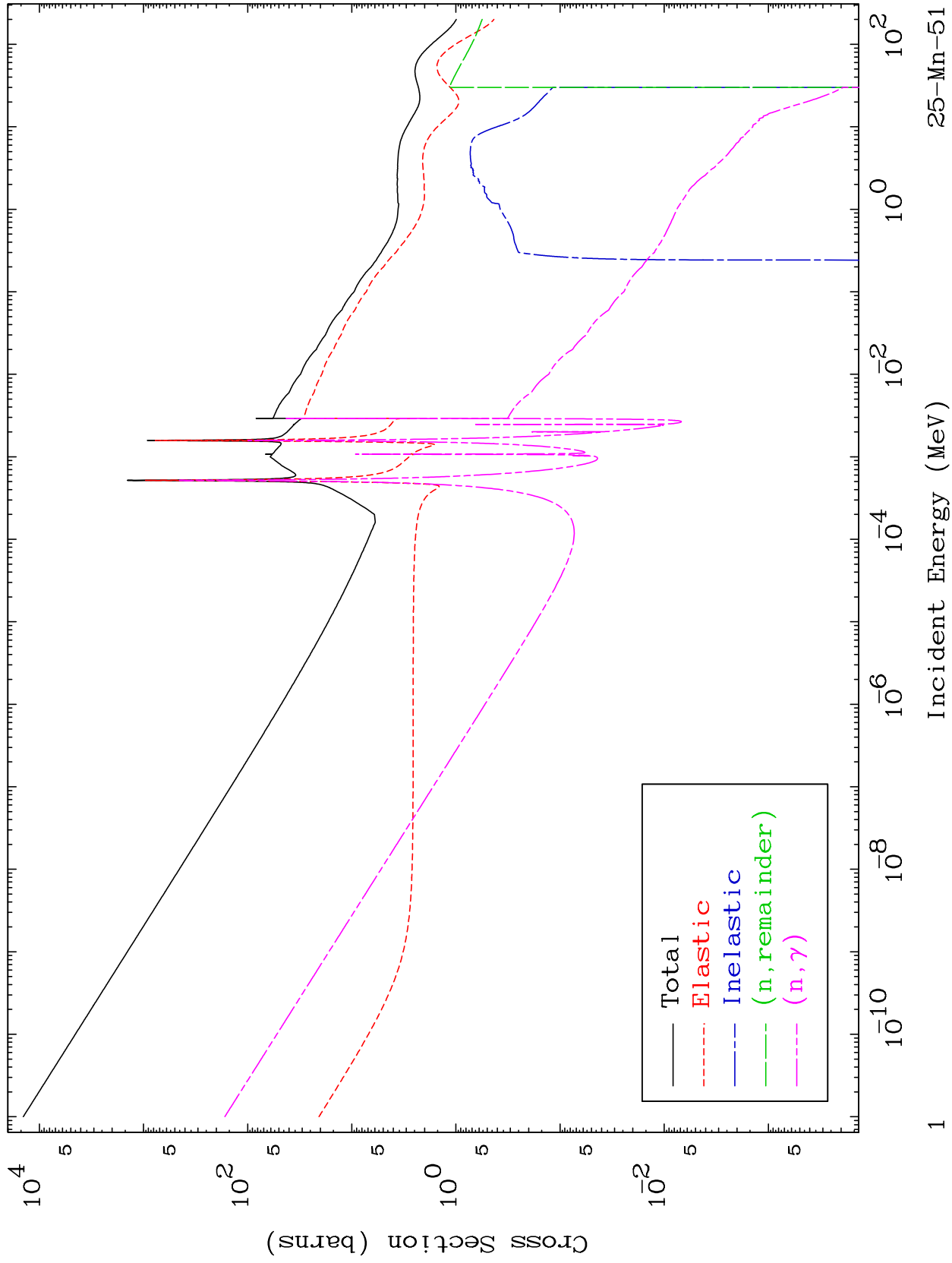
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2513

Major  
293 Kelvin Cross Sections

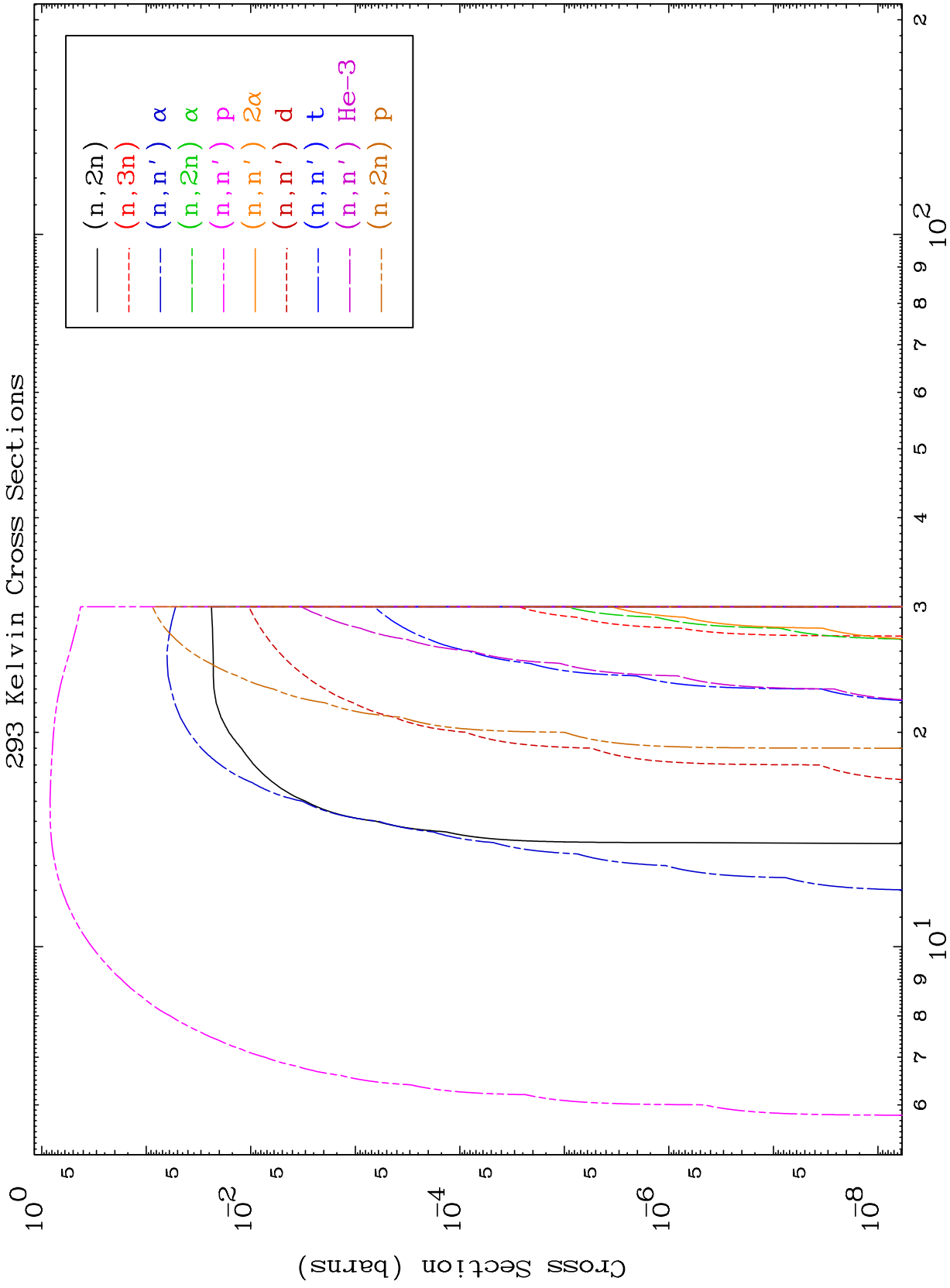
25-Mn-51



MAT 2513

Neutron Production  
293 Kelvin Cross Sections

25-Mn-51



2

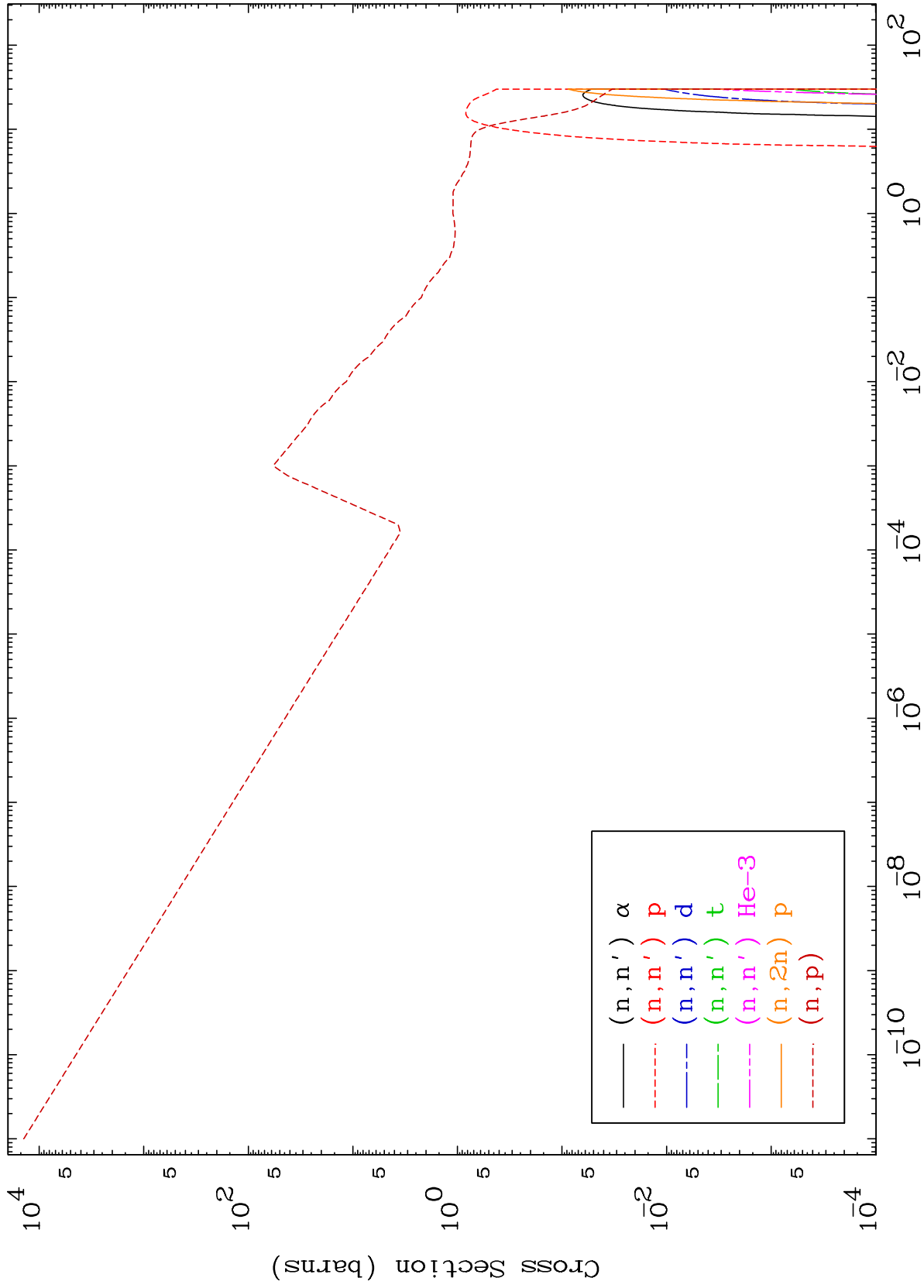
Incident Energy (MeV)

25-Mn-51

MAT 2513

Charged Particle  
293 Kelvin Cross Sections

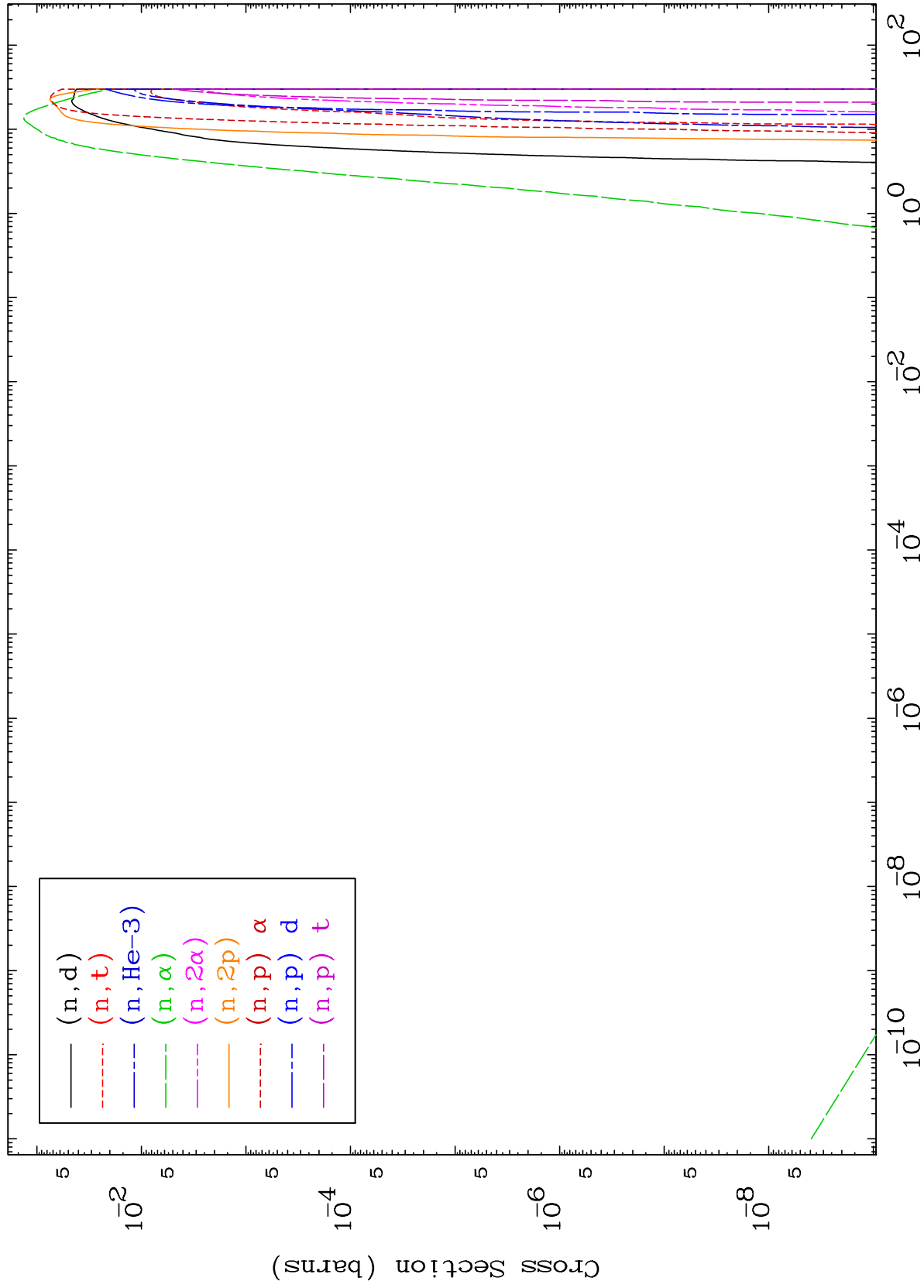
25-Mn-51



MAT 2513

Charged Particle  
293 Kelvin Cross Sections

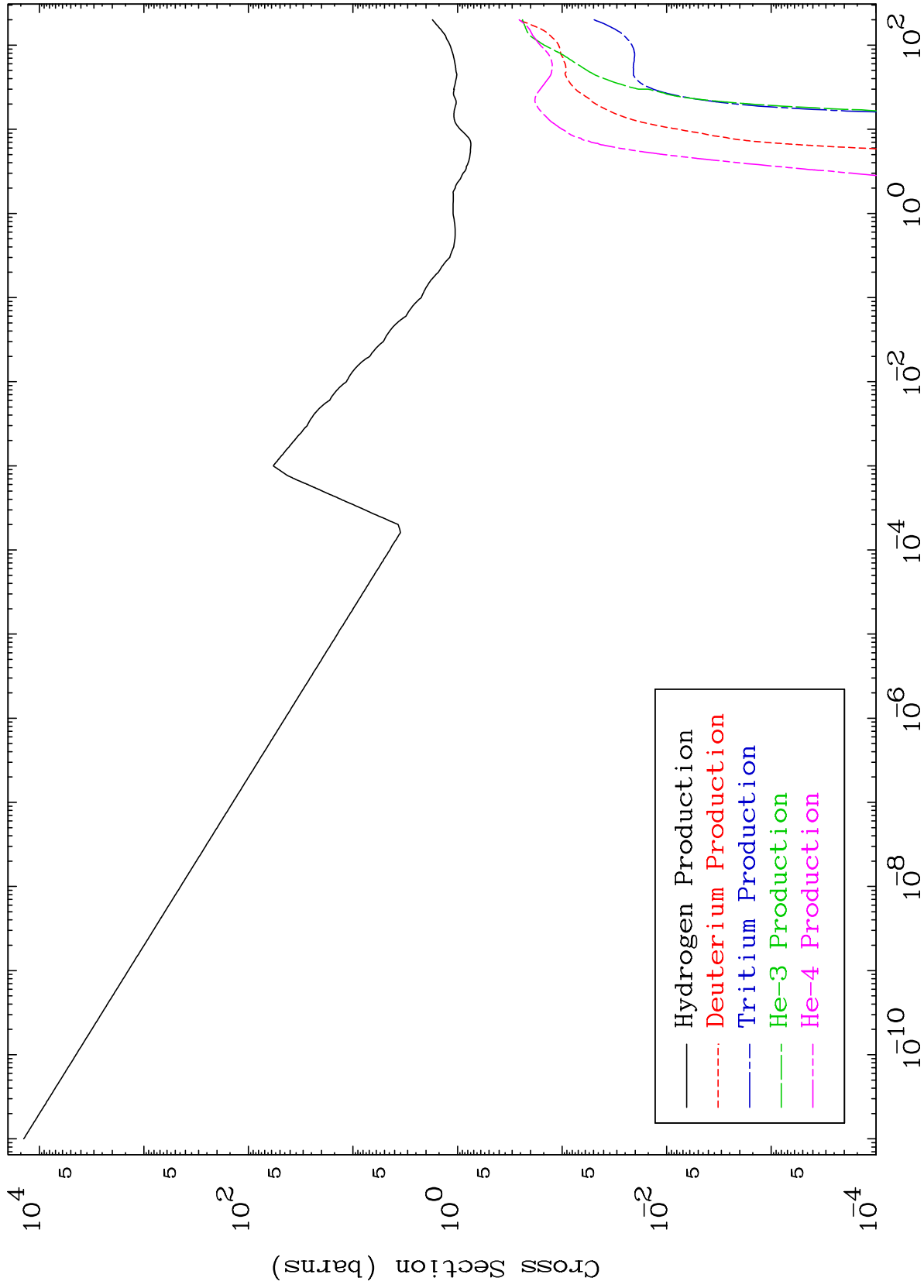
25-Mn-51



MAT 2513

Particle Production  
293 Kelvin Cross Sections

25-Mn-51



5

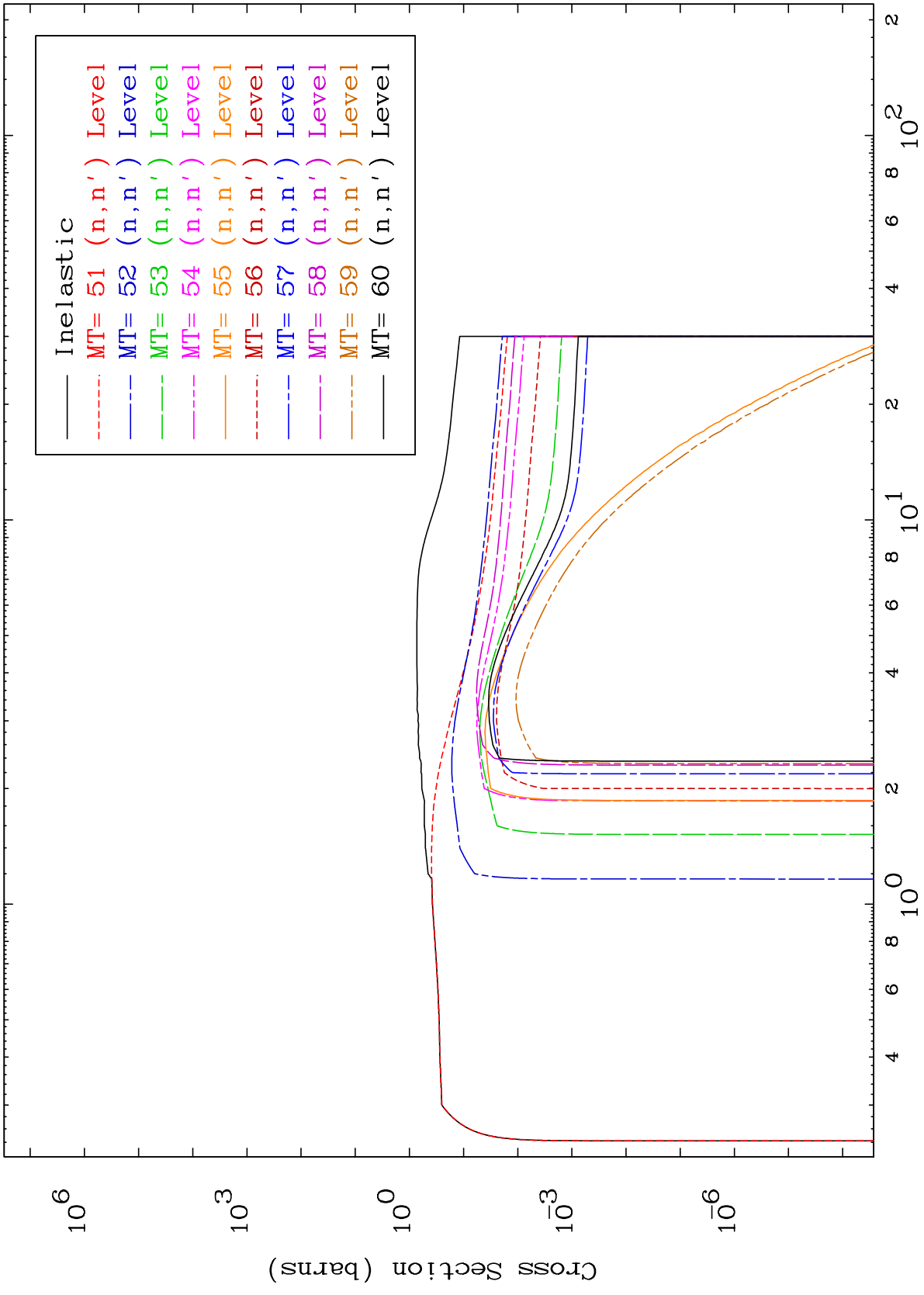
Incident Energy (MeV)

25-Mn-51

MAT 2513

(n,n') Level  
293 Kelvin Cross Sections

25-Mn-51



6

Incident Energy (MeV)

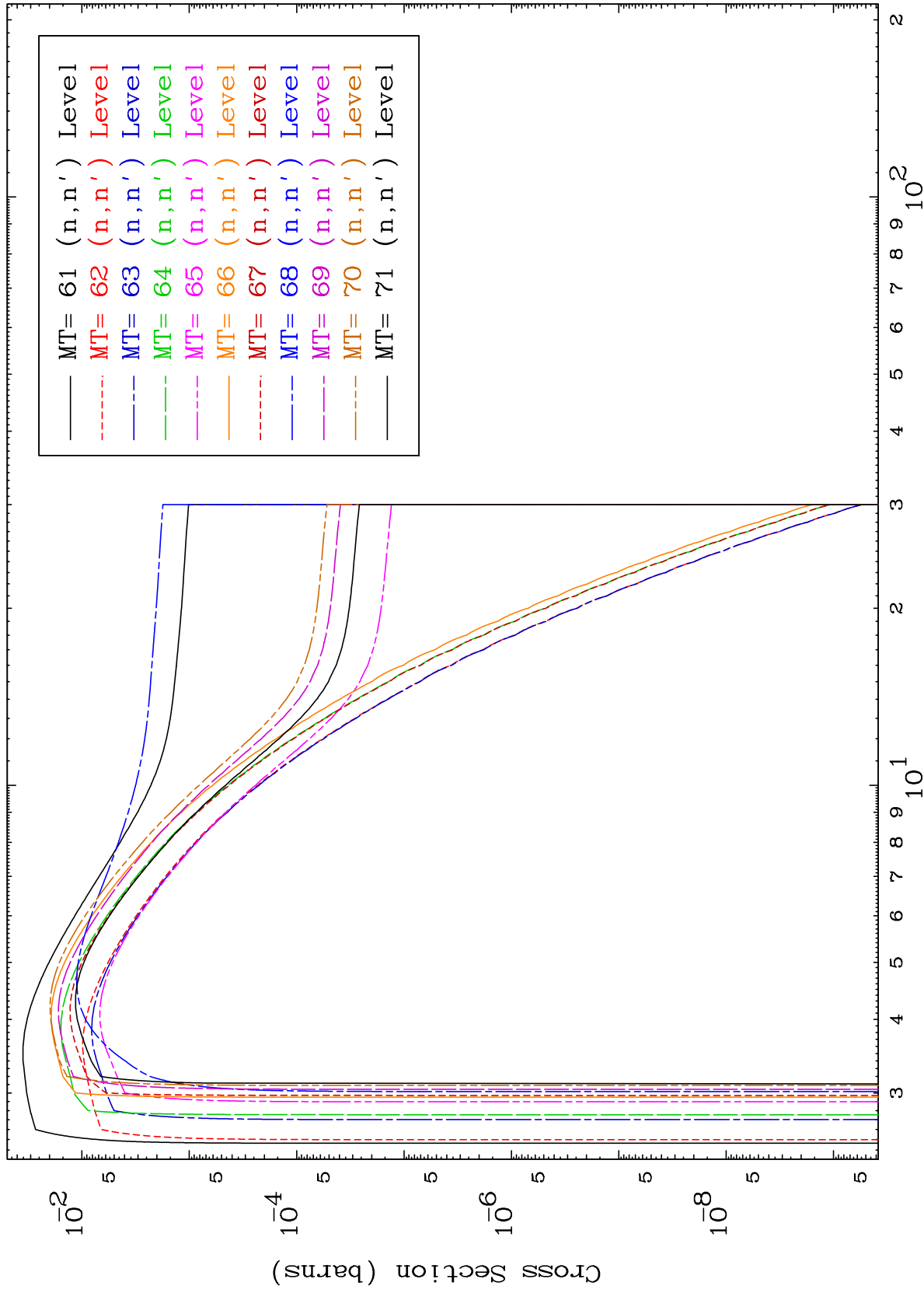
25-Mn-51

MAT 2513

(n,n') Level

293 Kelvin Cross Sections

25-Mn-51



7

Incident Energy (MeV)

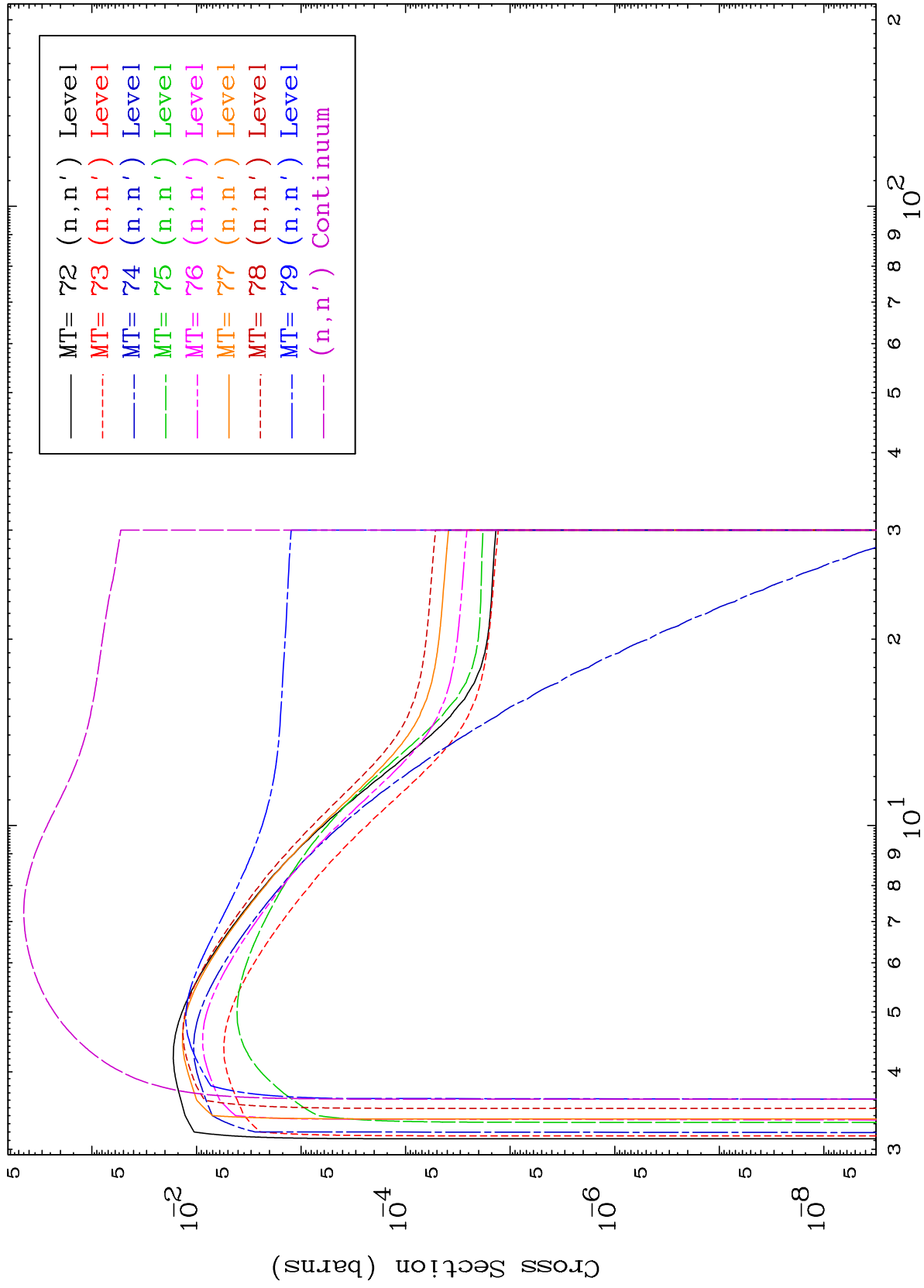
25-Mn-51

MAT 2513

(n,n') Level

25-Mn-51

293 Kelvin Cross Sections



8

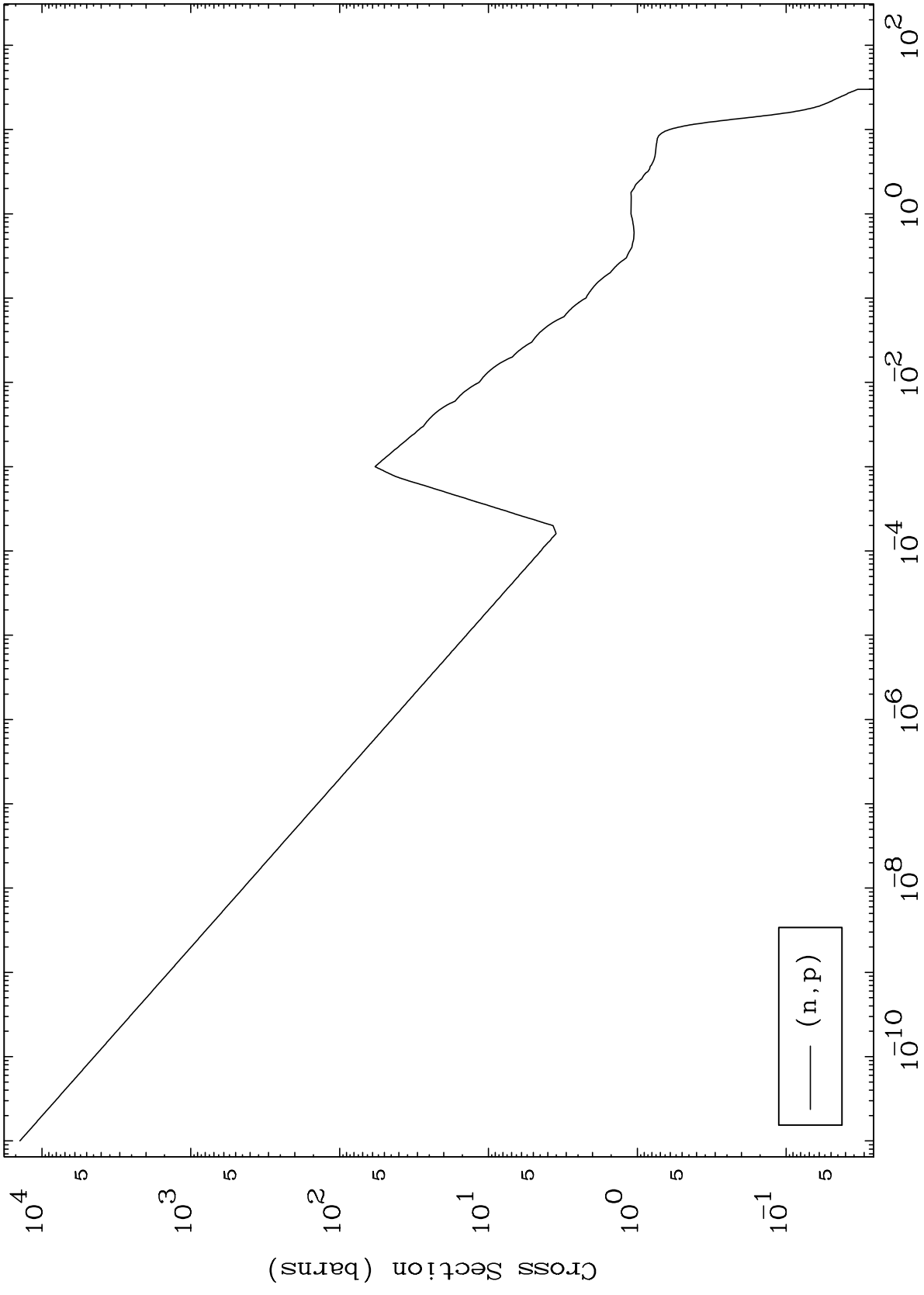
Incident Energy (MeV)

25-Mn-51

MAT 2513

(n,p) Levels  
293 Kelvin Cross Sections

25-Mn-51



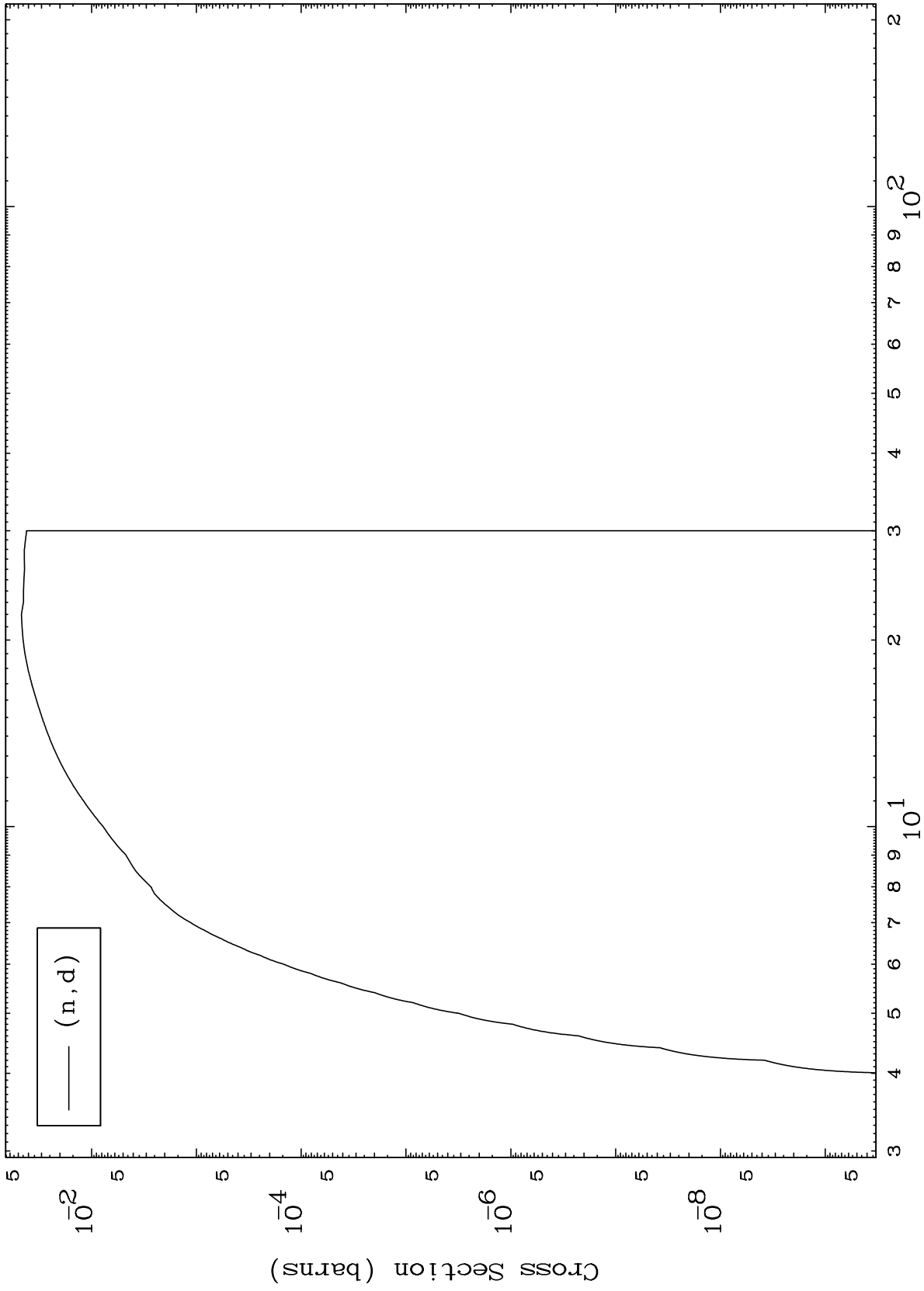
(n,p)

25-Mn-51

MAT 2513

(n,d) Levels  
293 Kelvin Cross Sections

25-Mn-51



10

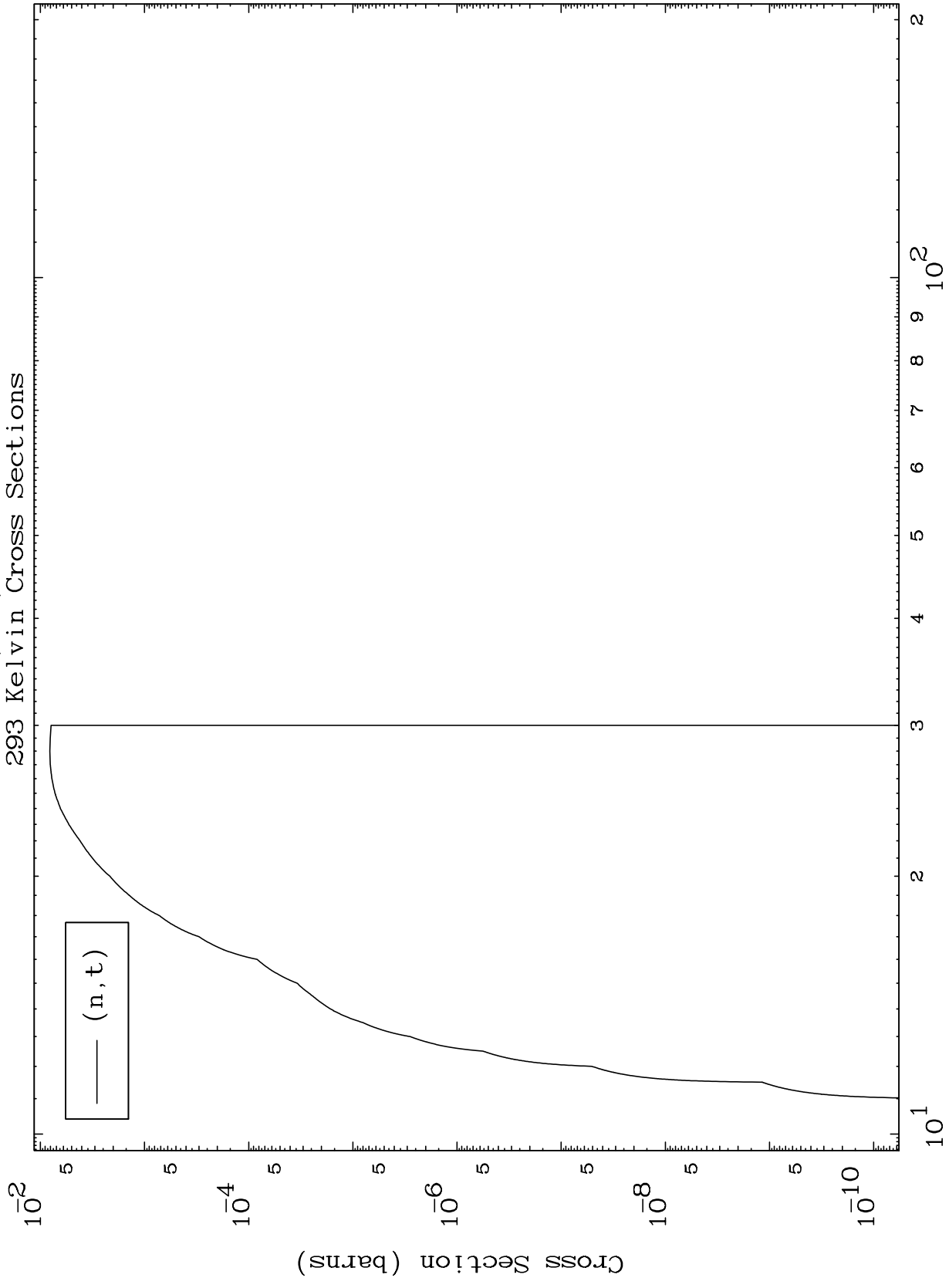
Incident Energy (MeV)

25-Mn-51

MAT 2513

(n,t) Levels  
293 Kelvin Cross Sections

25-Mn-51



11

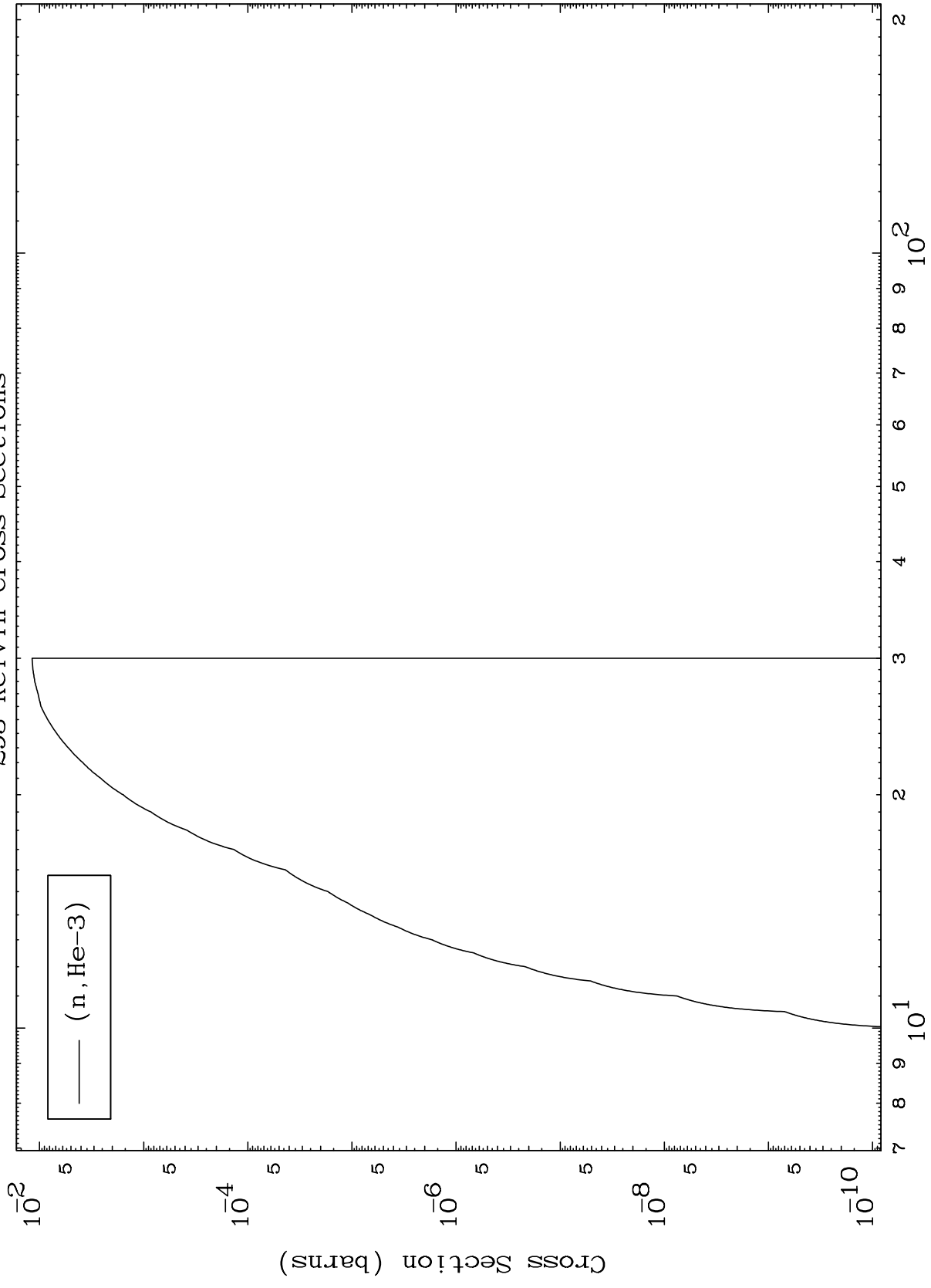
Incident Energy (MeV)

25-Mn-51

MAT 2513

(n,He3) Levels  
293 Kelvin Cross Sections

<sup>25</sup>Mn-51



12

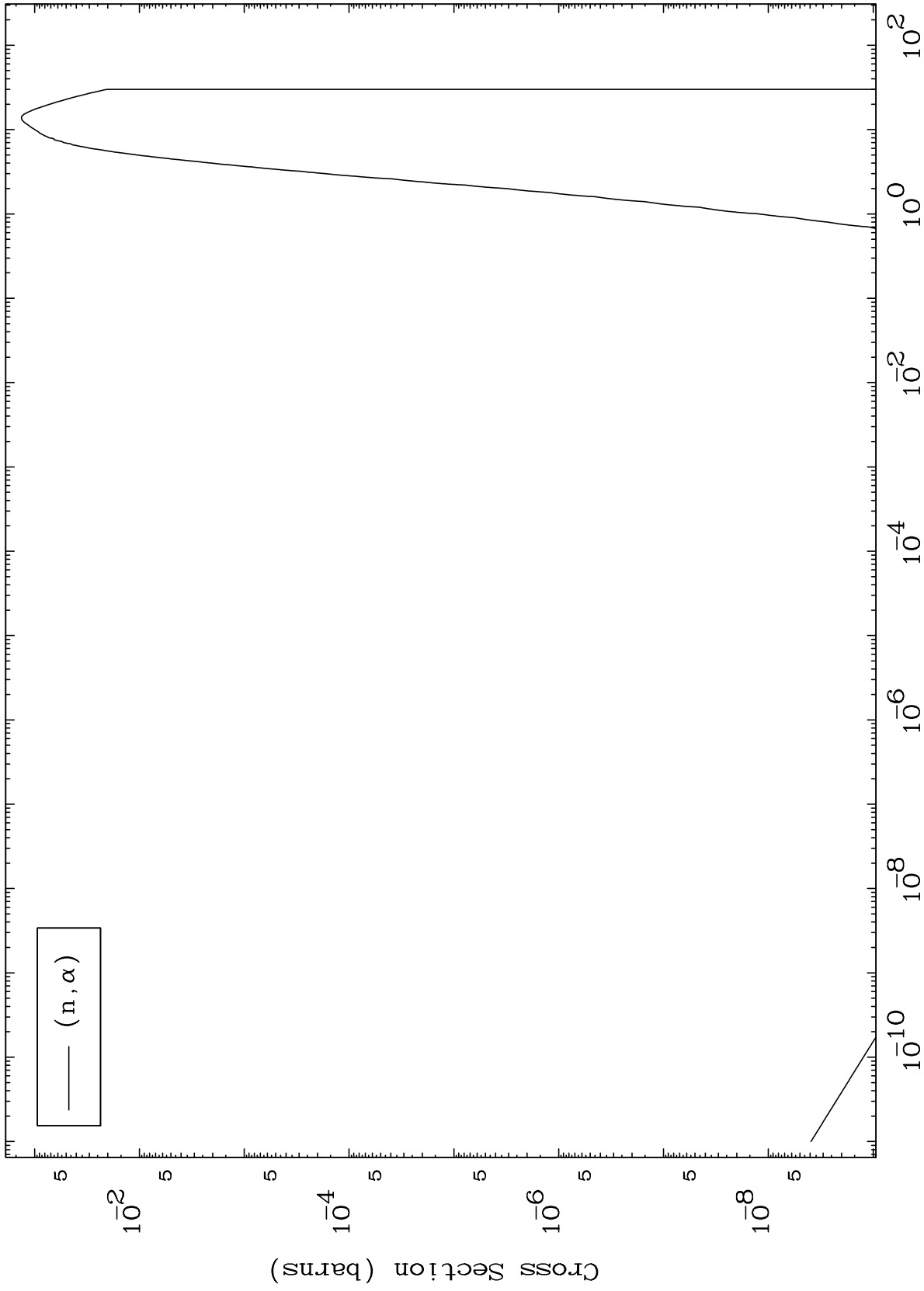
Incident Energy (MeV)

<sup>25</sup>Mn-51

MAT 2513

(n,α) Levels  
293 Kelvin Cross Sections

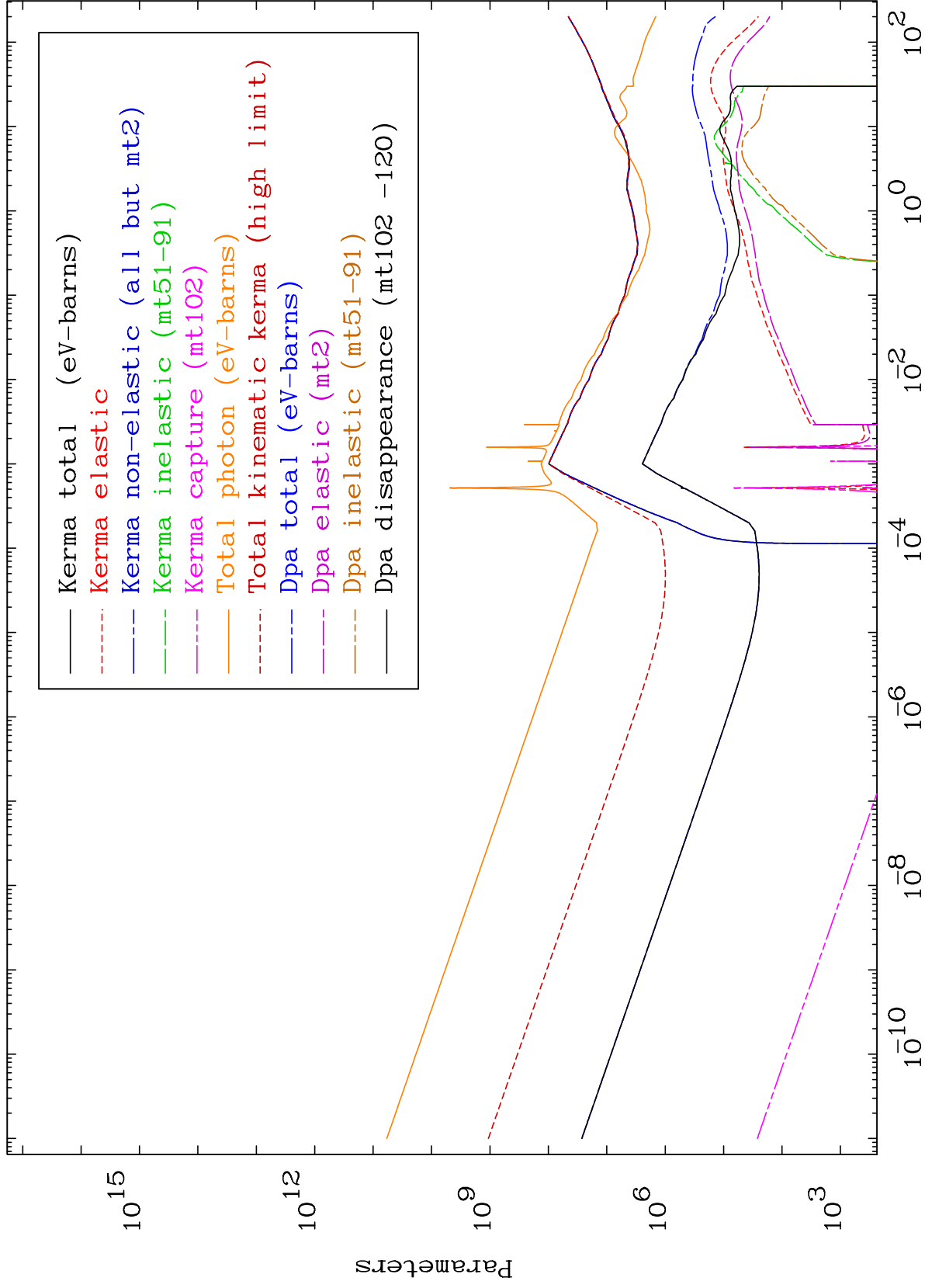
25-Mn-51



13

Incident Energy (MeV)

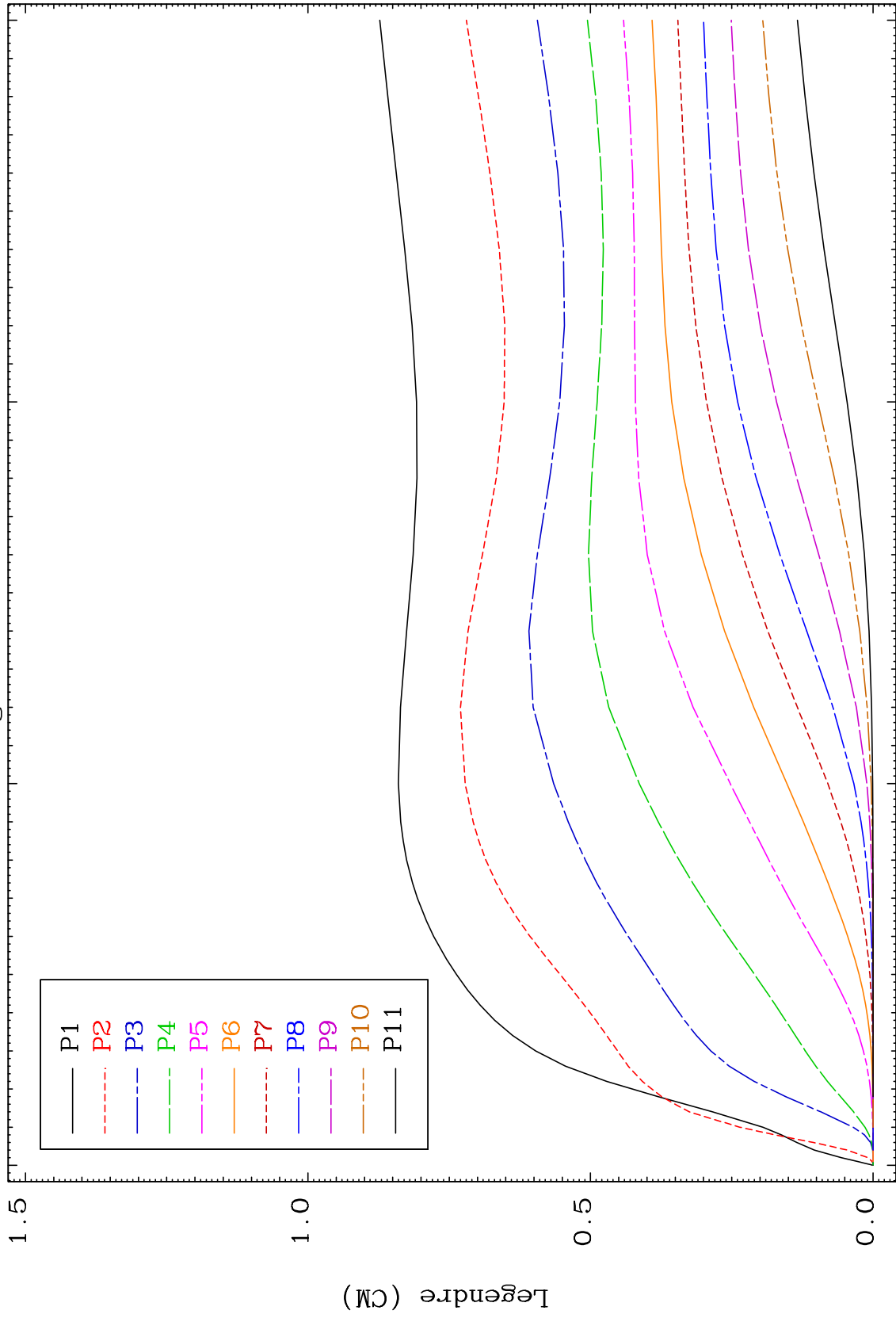
25-Mn-51



MAT 2513

Elastic Legendre Coefficients

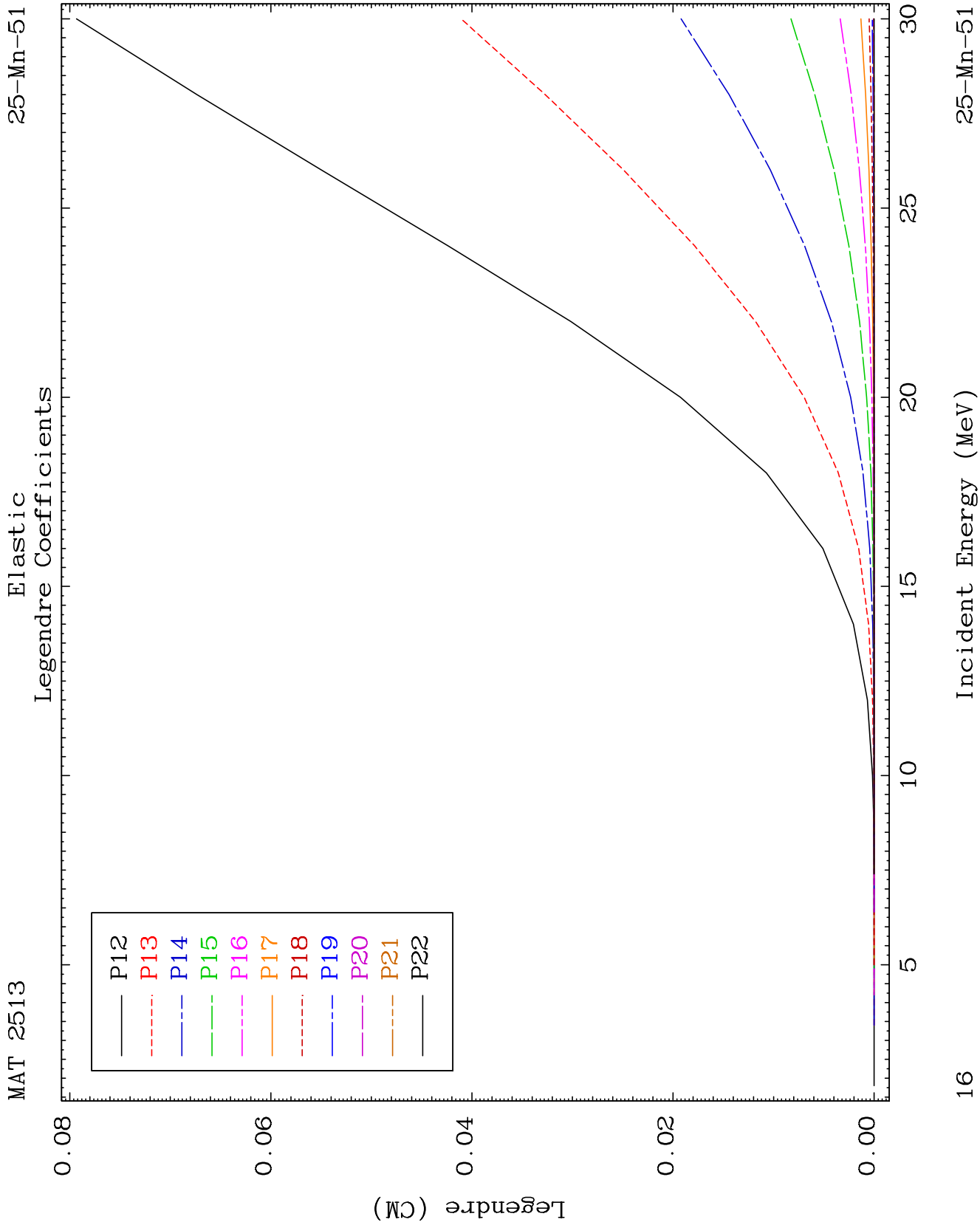
25-Mn-51



25-Mn-51

Incident Energy (MeV)

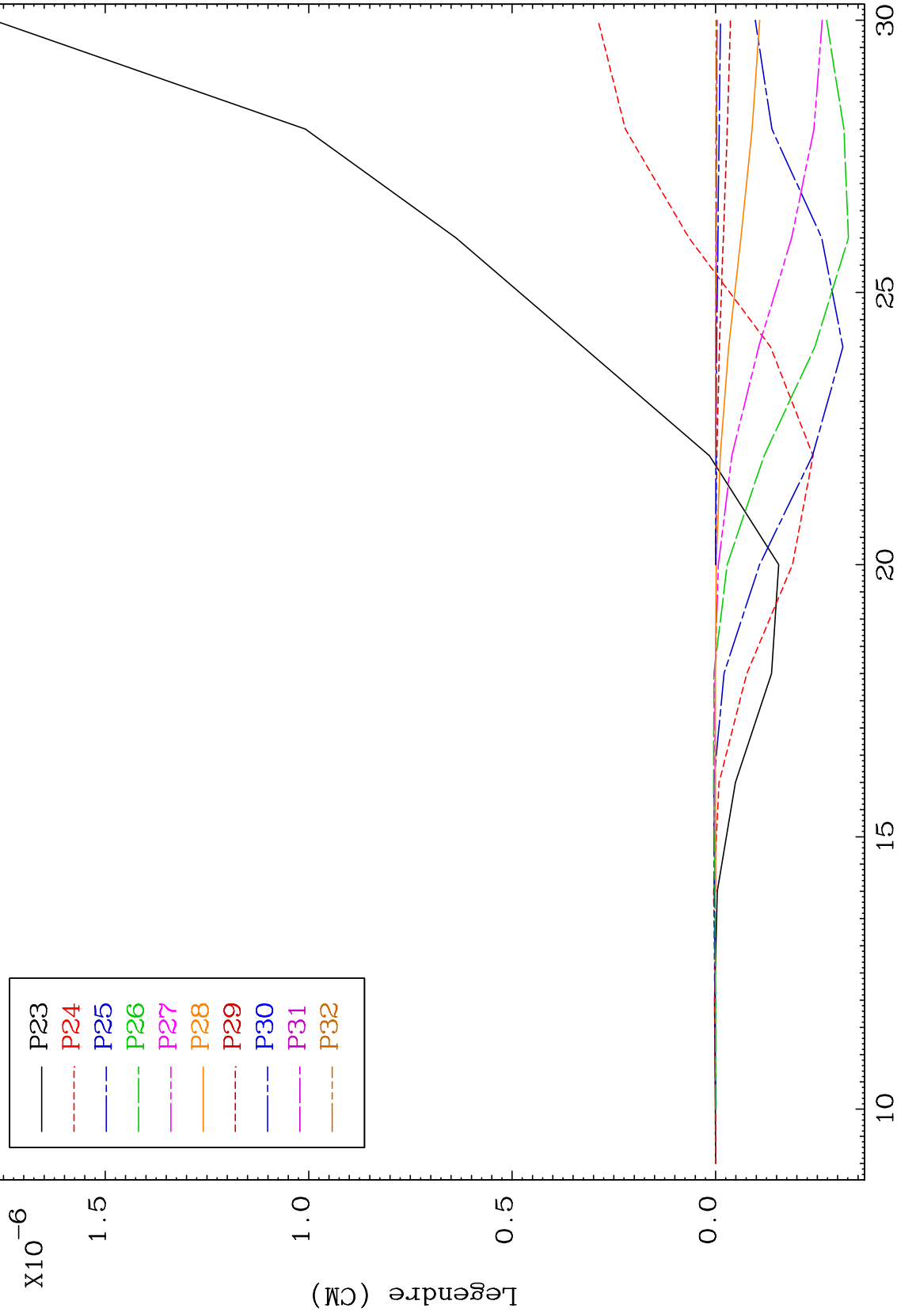
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MAT 2513

Elastic Legendre Coefficients

<sup>25</sup>Mn-51



17

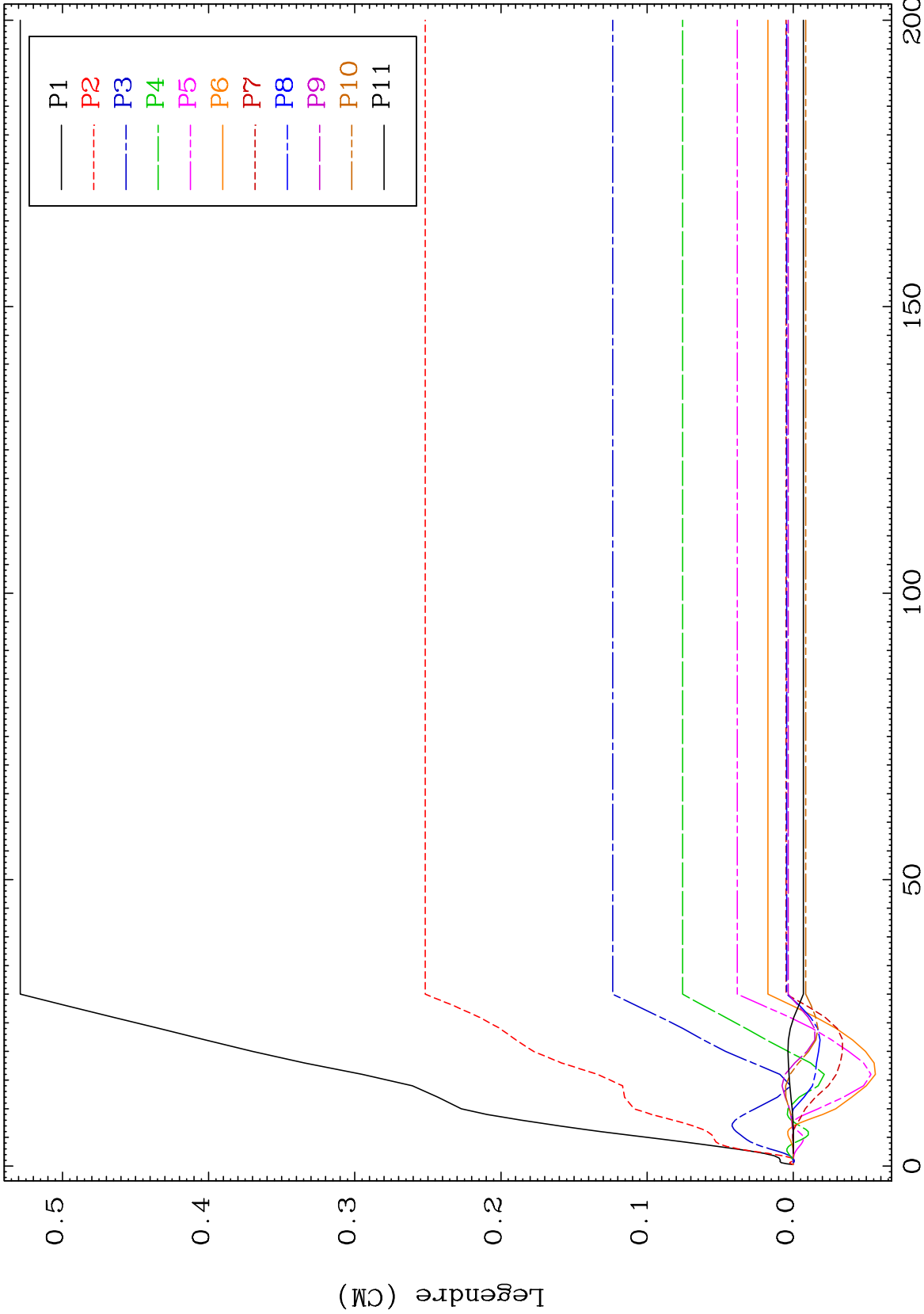
Incident Energy (MeV)

<sup>25</sup>Mn-51

MAT 2513

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

25-Mn-51



18

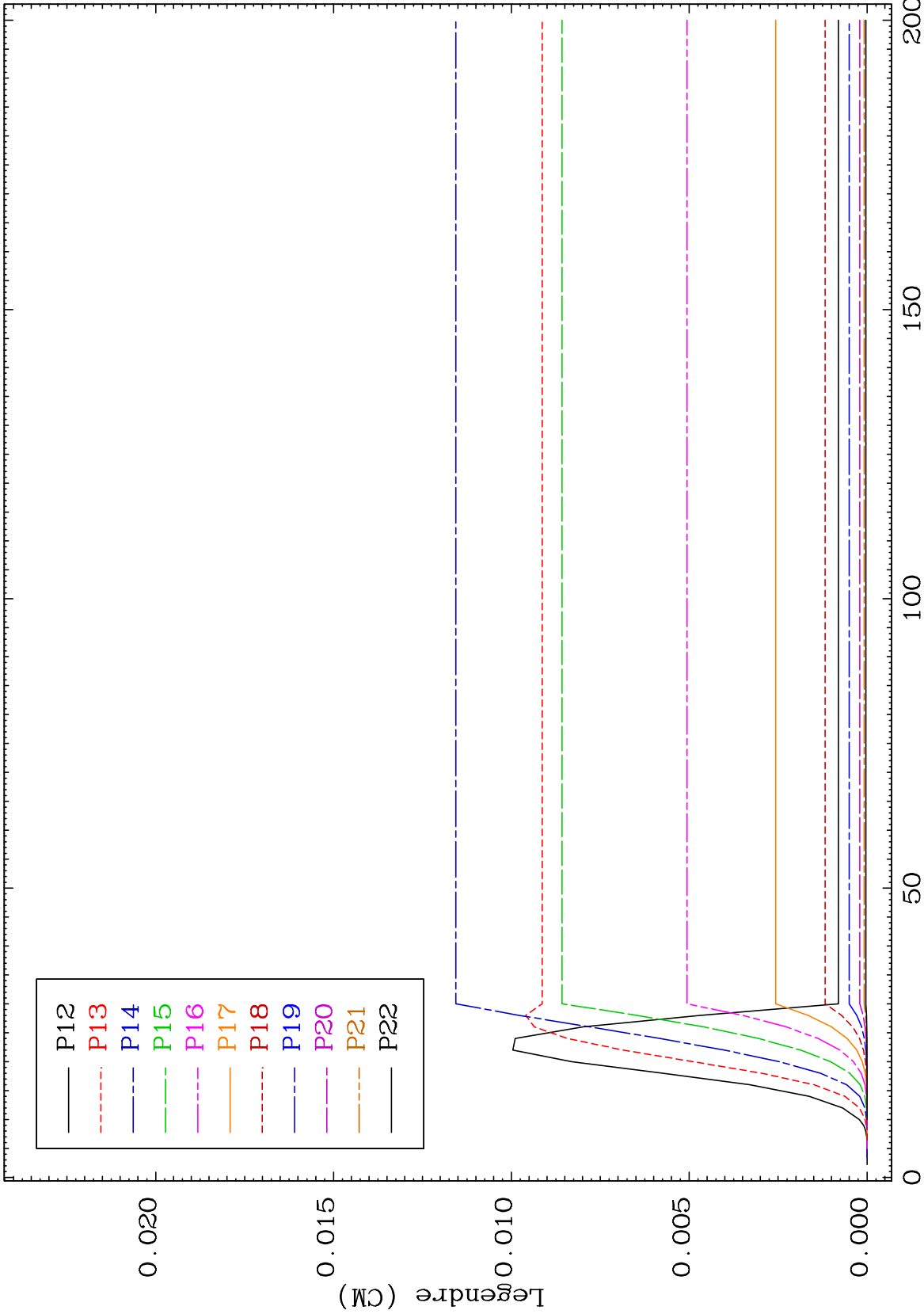
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

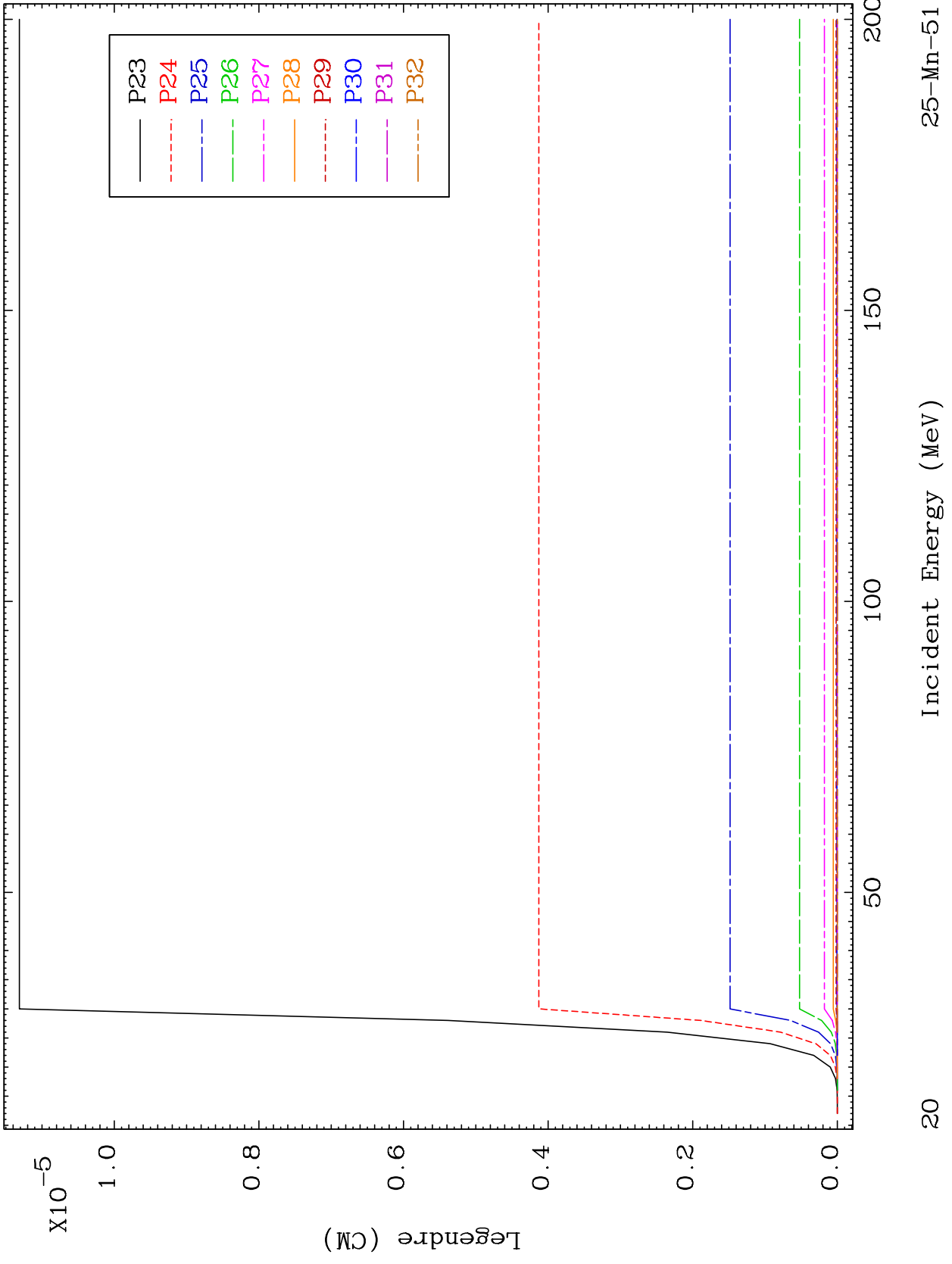
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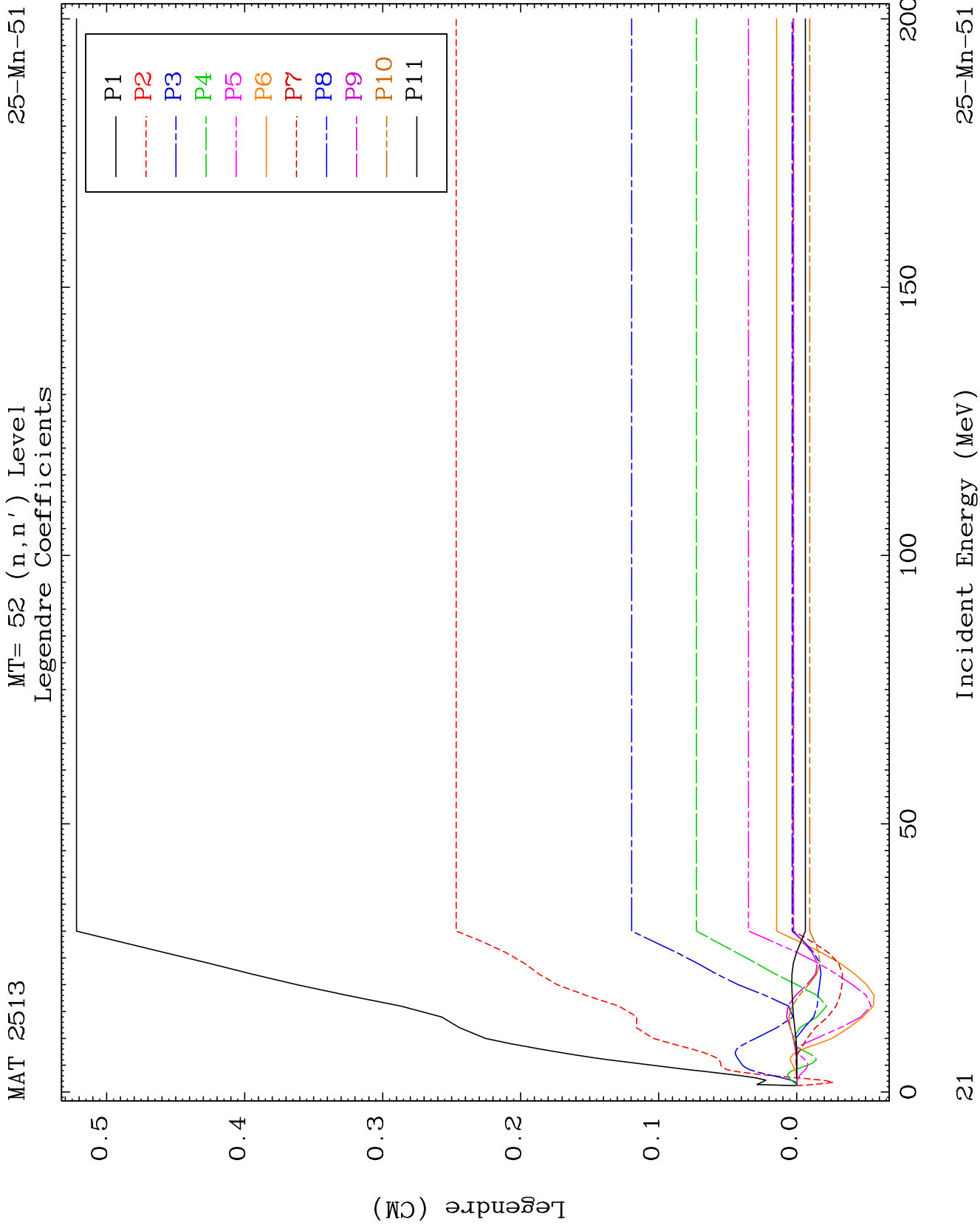


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25-Mn-51

MAT 2513 MT= 51 (n,n') Level Legendre Coefficients 25-Mn-51

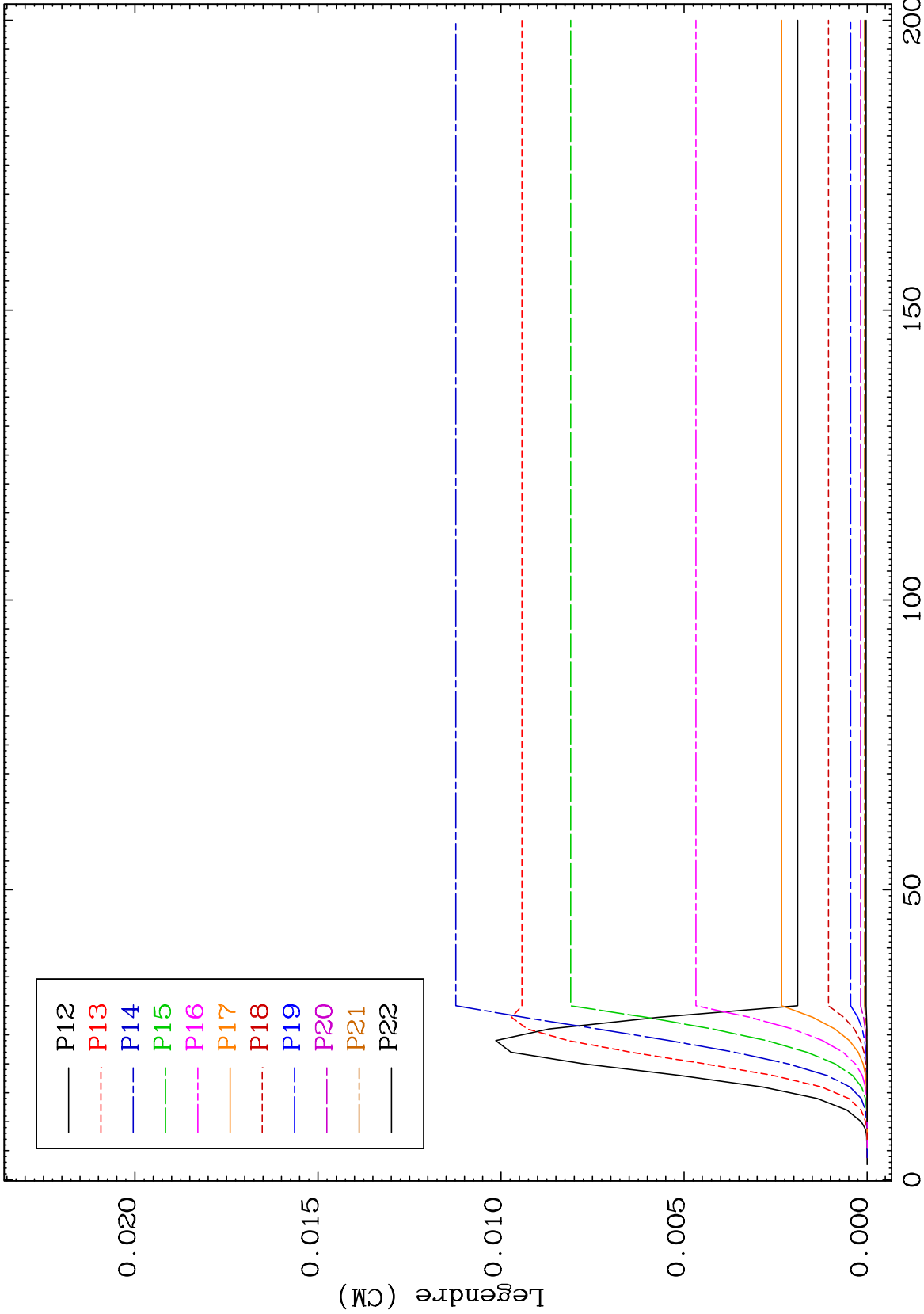




MAT 2513

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

25-Mn-51



22

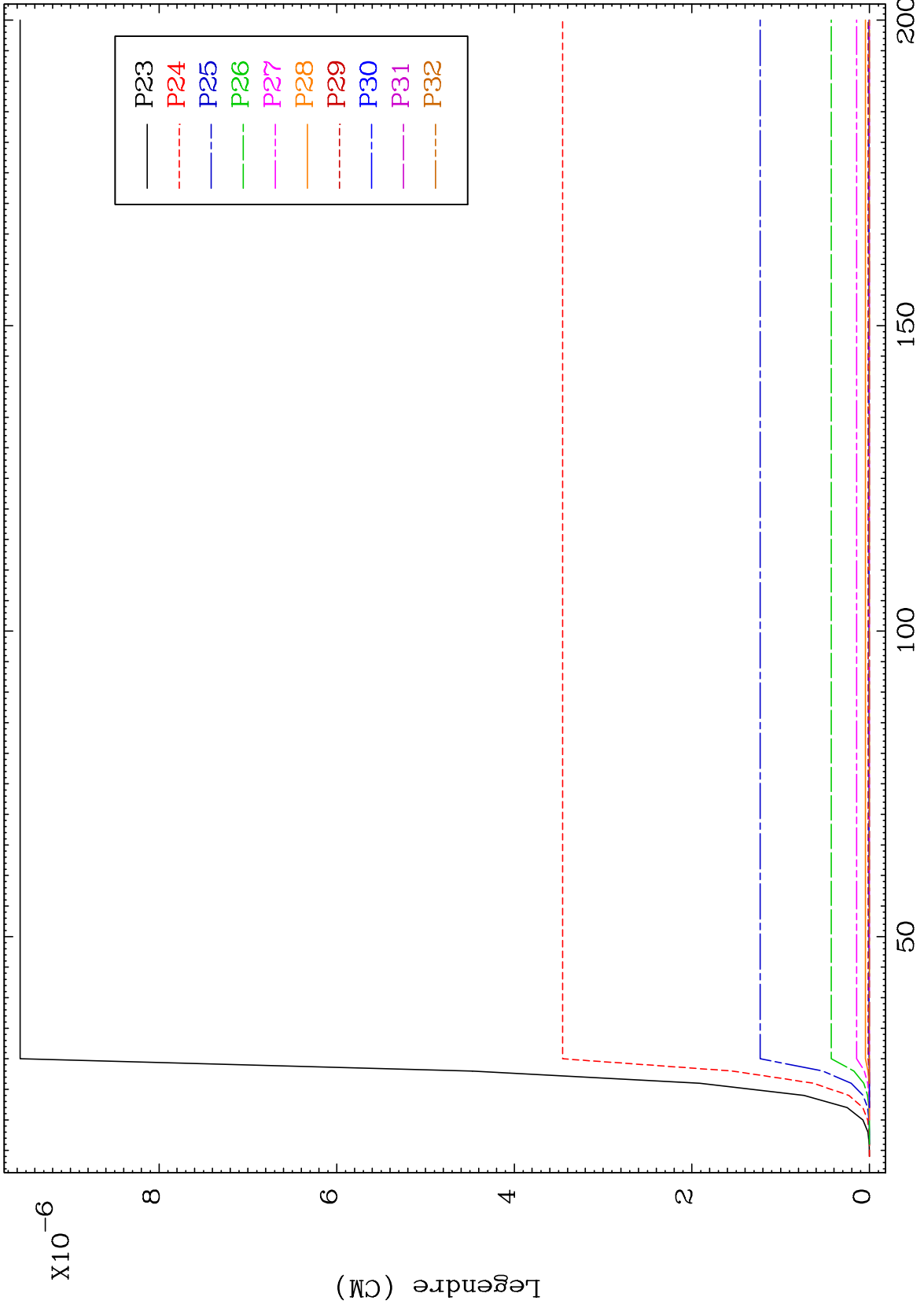
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



23

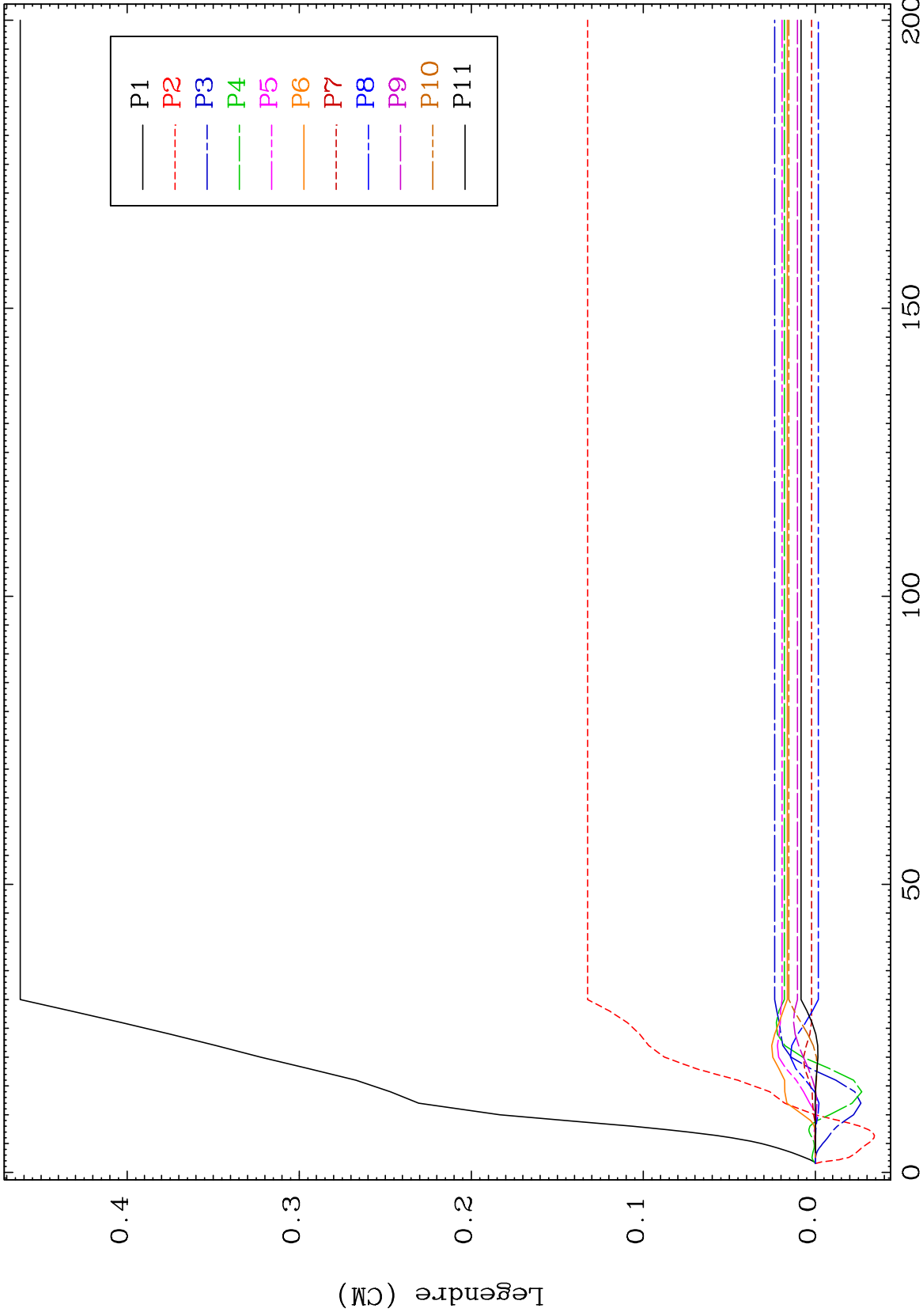
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51

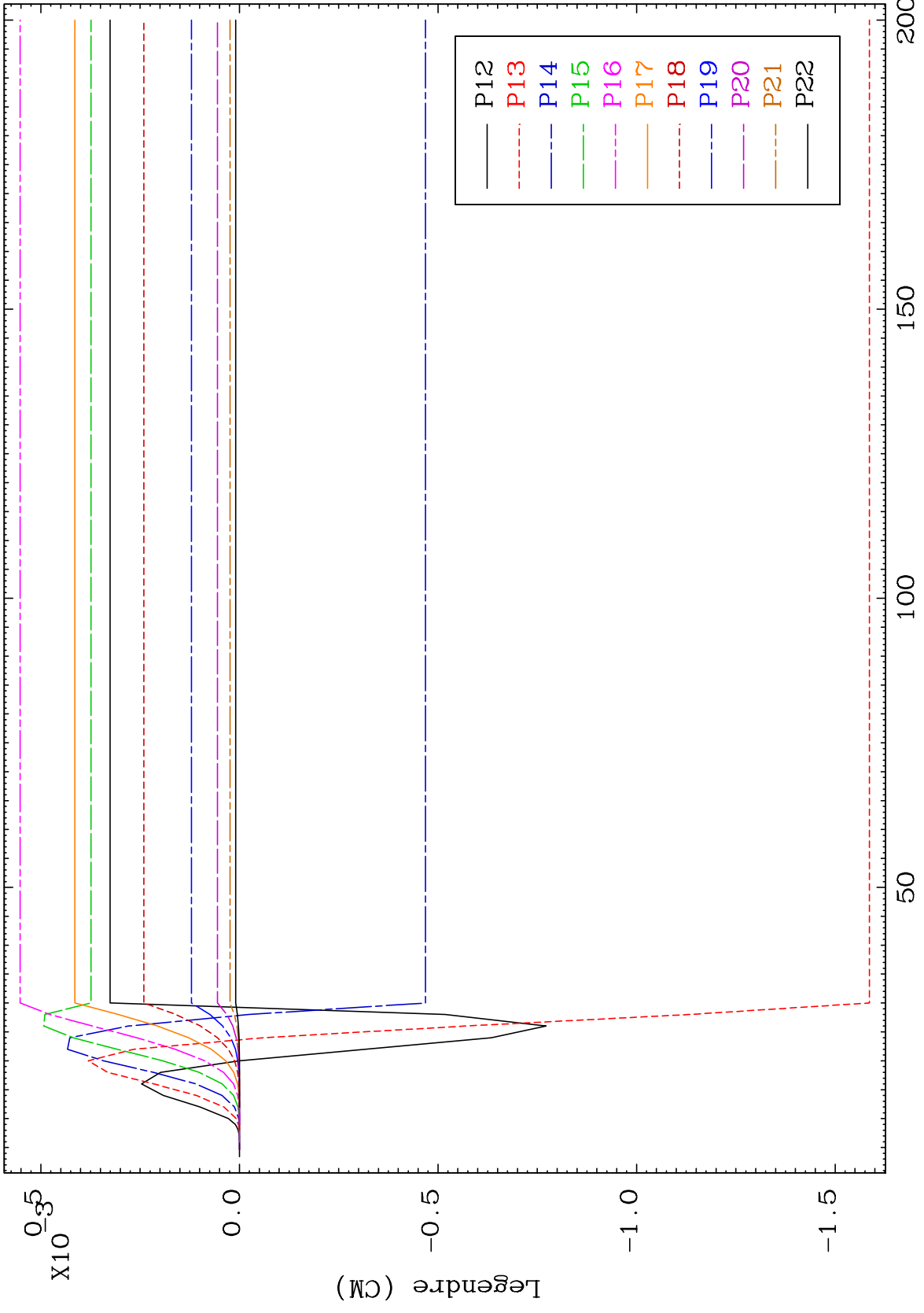


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Incident Energy (MeV)

25-Mn-51

MAT 2513 MT= 53 (n,n') Level Legendre Coefficients 25-Mn-51

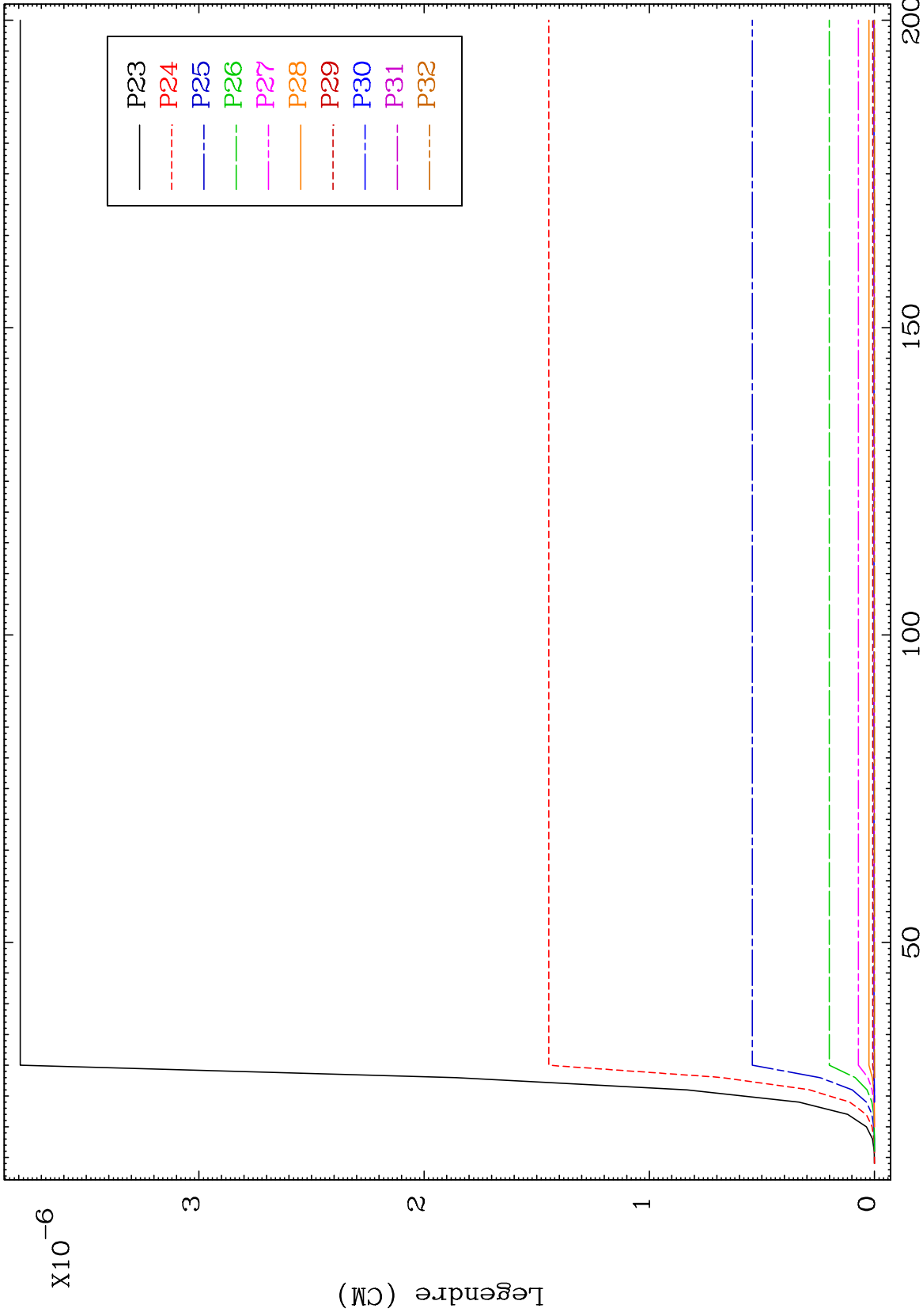


25 50 100 150 200 25-Mn-51

MAT 2513

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

25-Mn-51

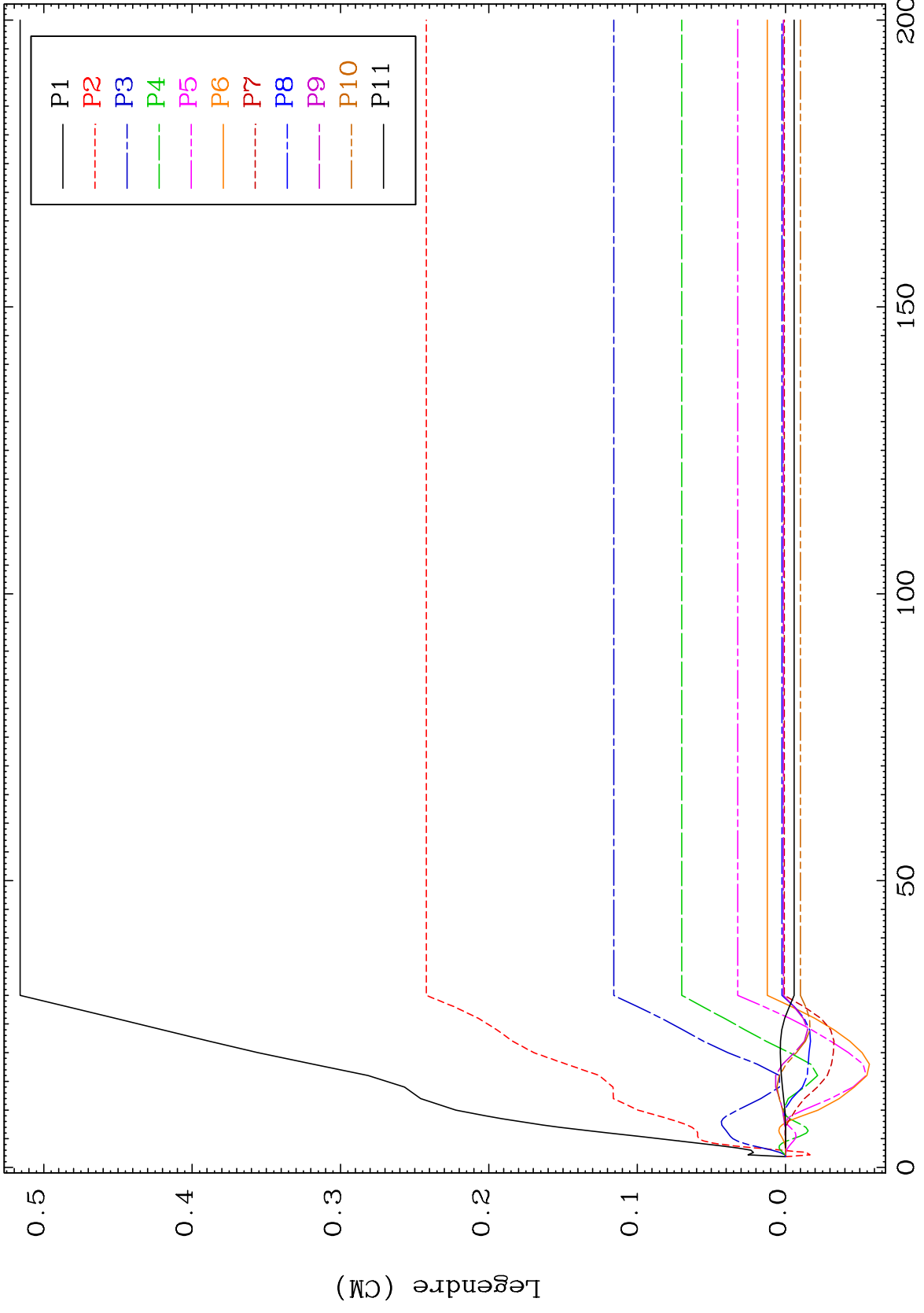


26

Incident Energy (MeV)

25-Mn-51

MAT 2513 MT= 54 (n,n') Level Legendre Coefficients 25-Mn-51

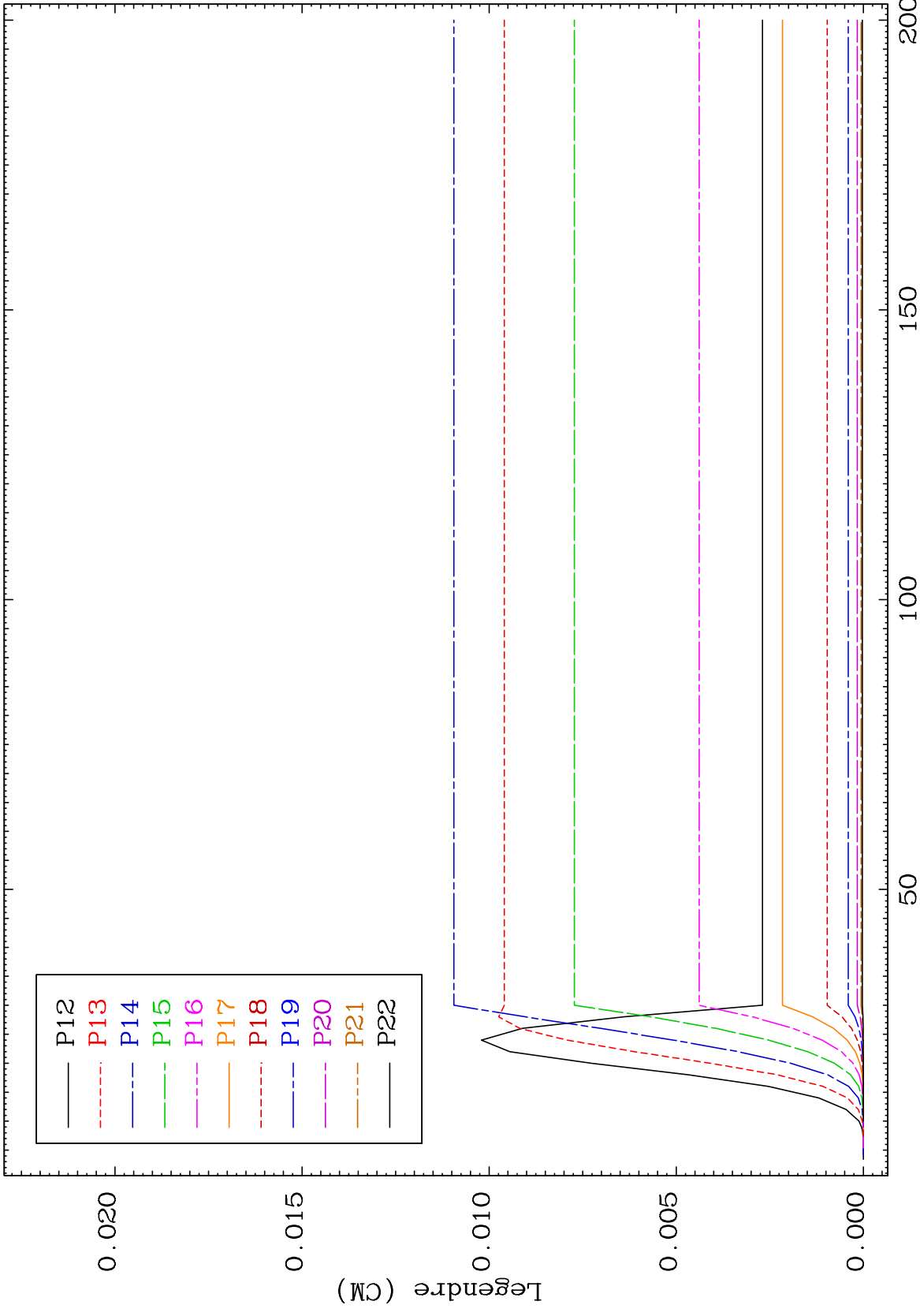


27 Incident Energy (MeV) 25-Mn-51

MAT 2513

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

25-Mn-51



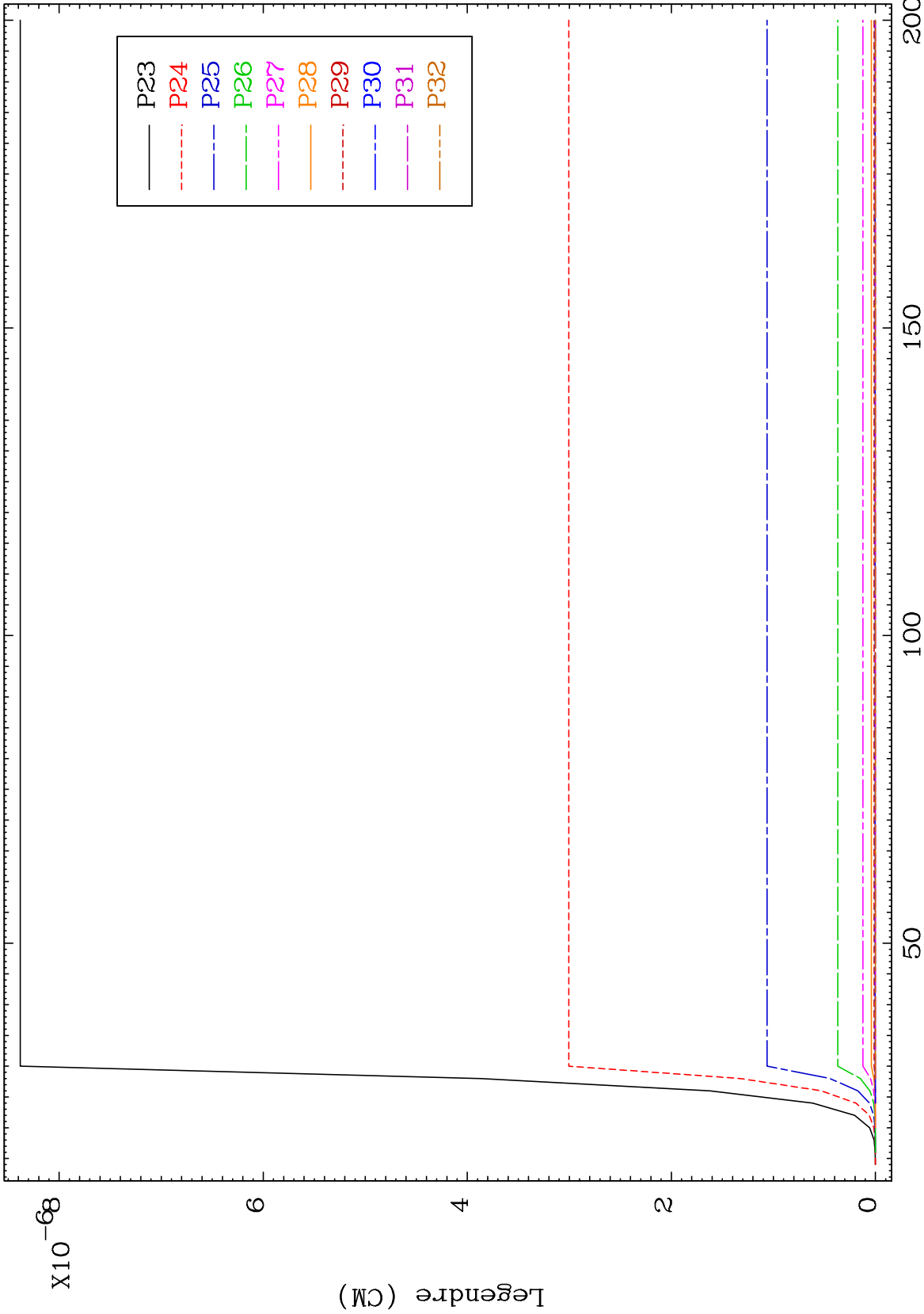
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200

MAT 2513

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

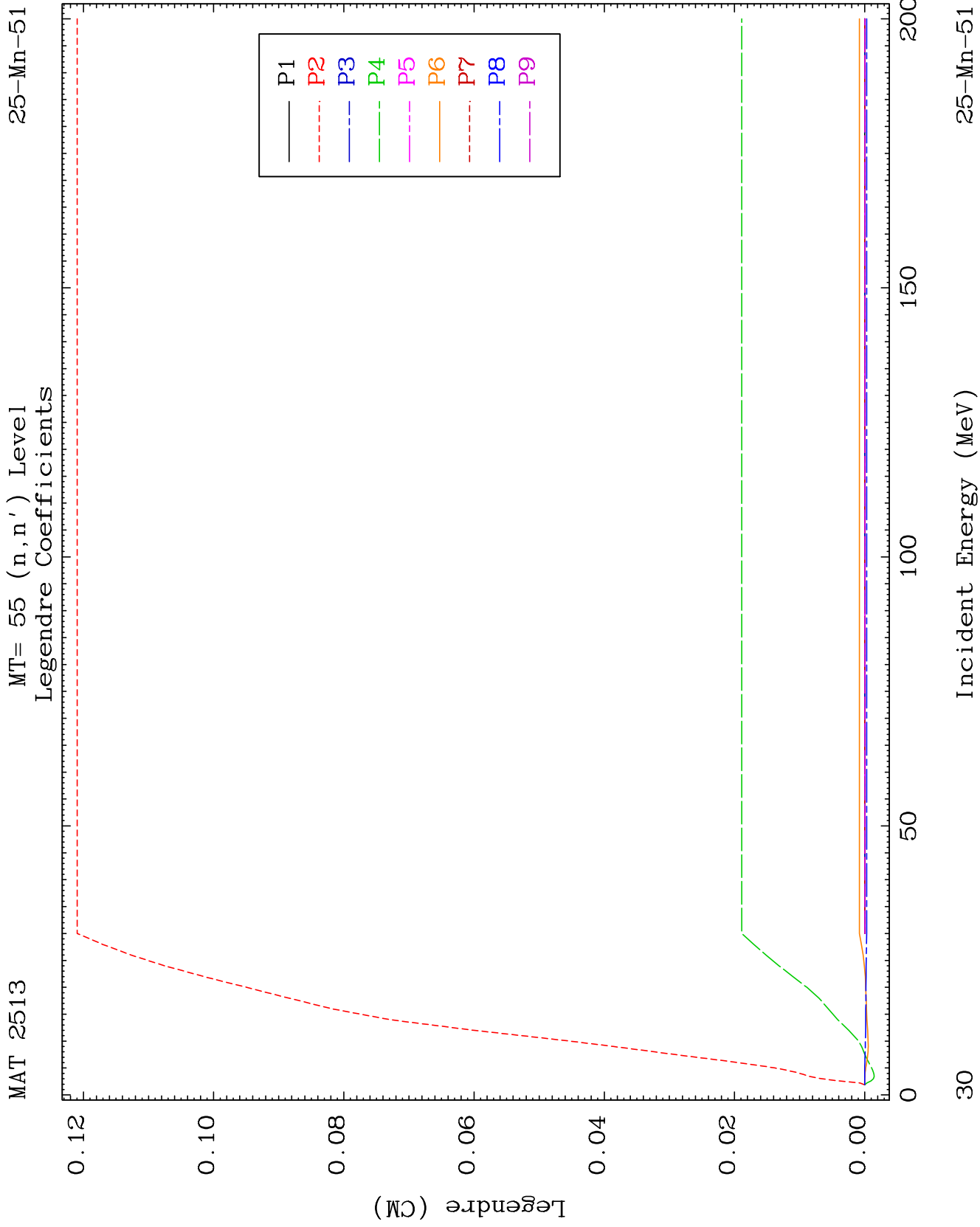
25-Mn-51



29

Incident Energy (MeV)

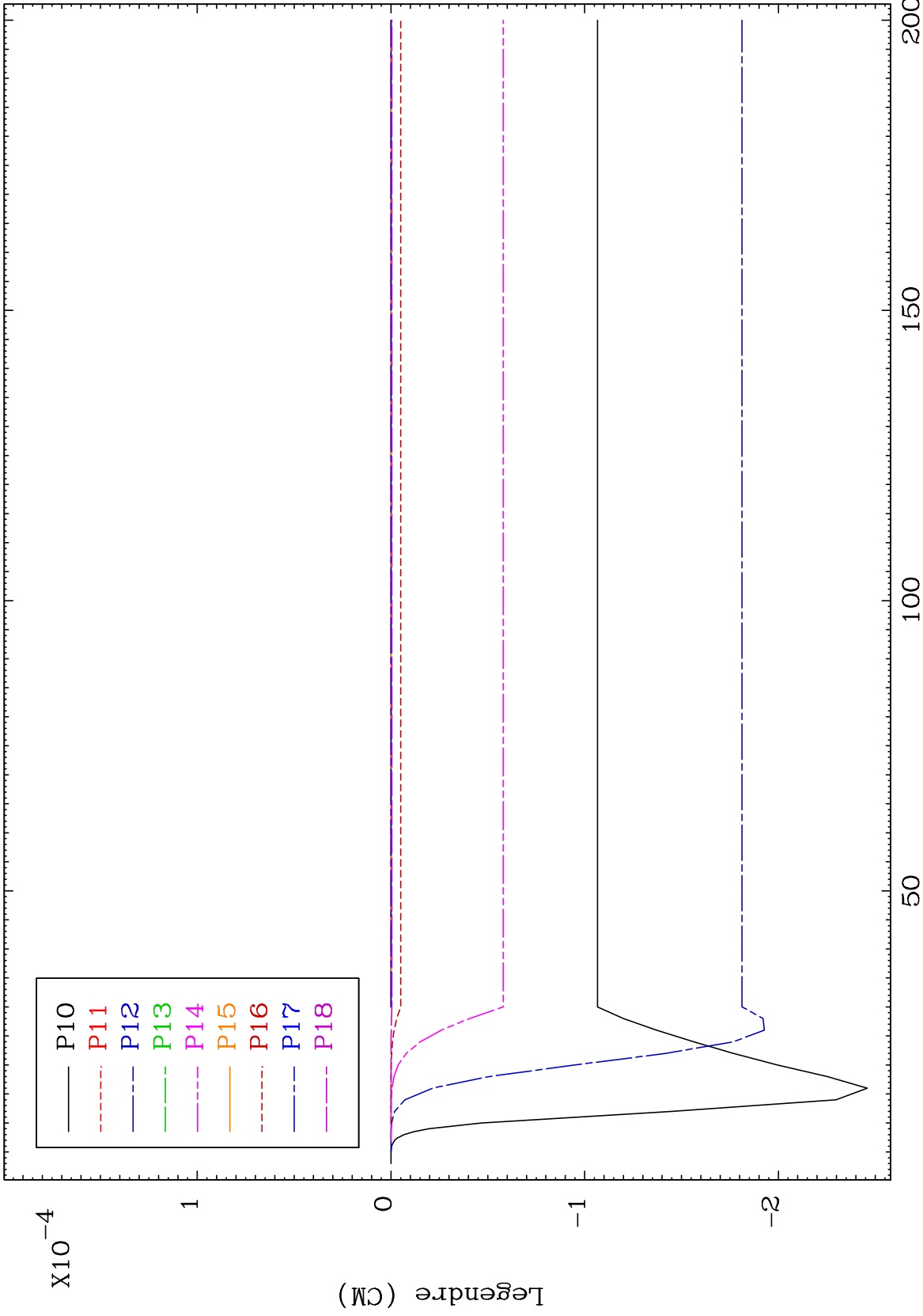
25-Mn-51



MAT 2513

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

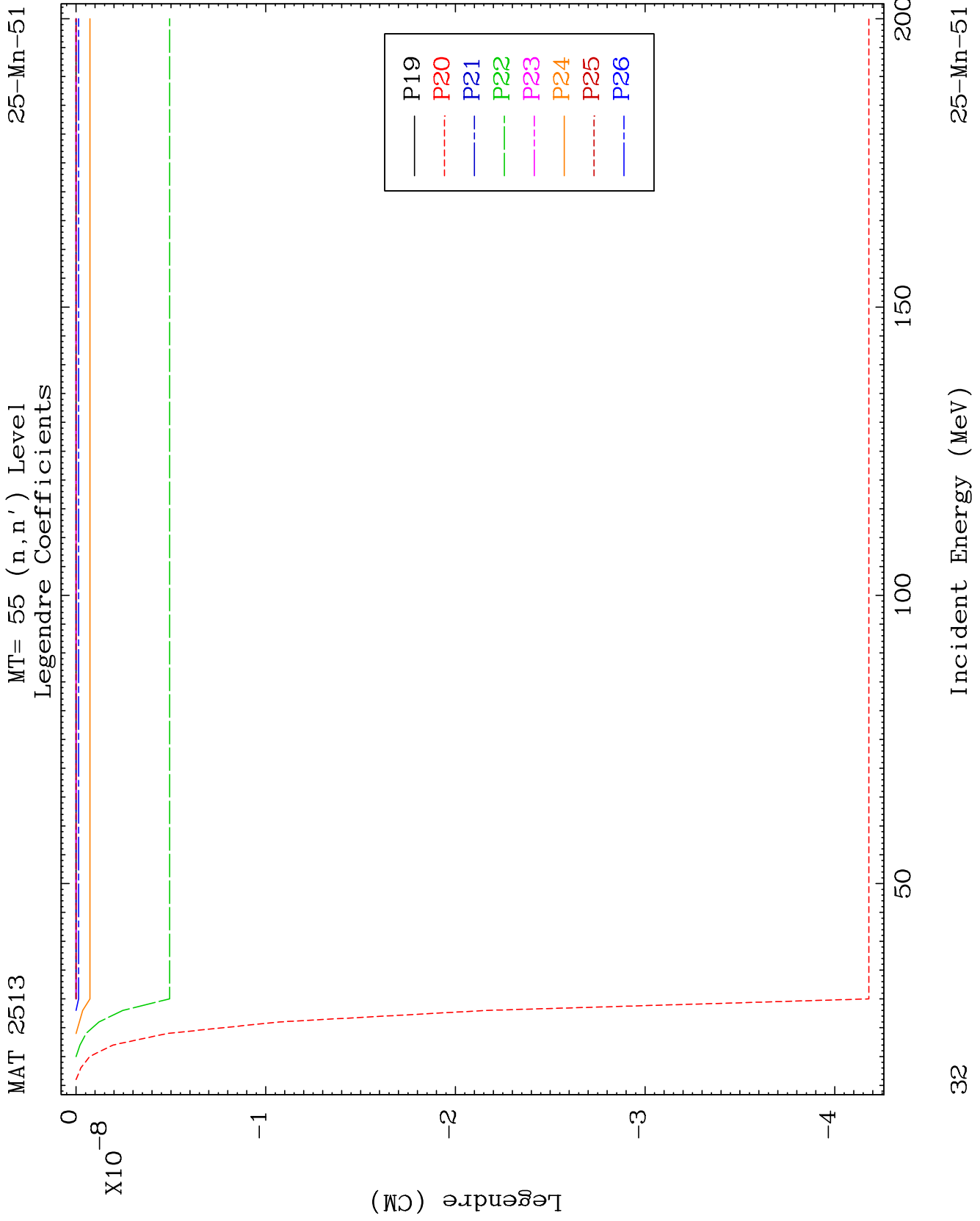
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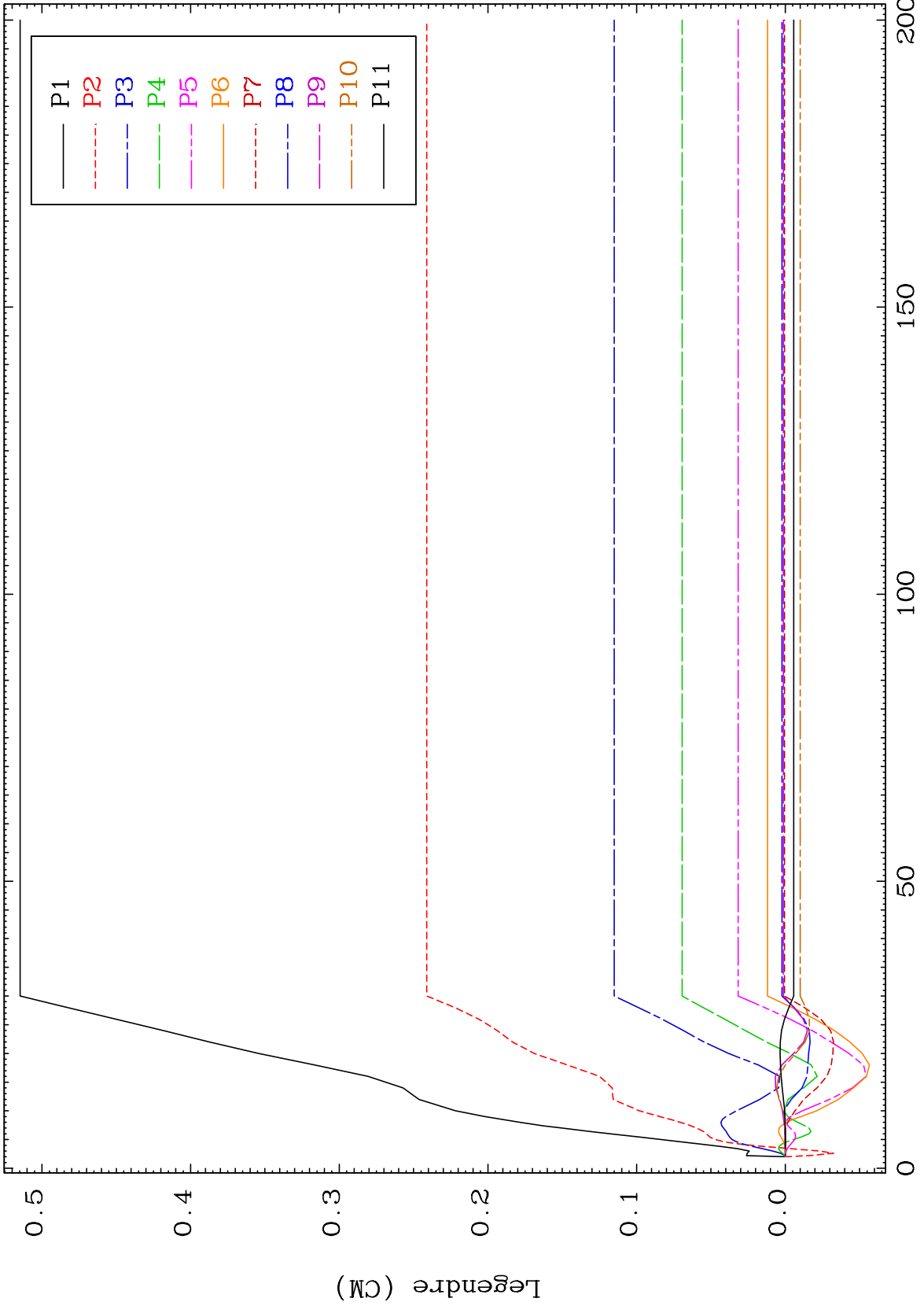
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Incident Energy (MeV)

25-Mn-51



MAT 2513 MT= 56 (n,n') Level Legendre Coefficients 25-Mn-51

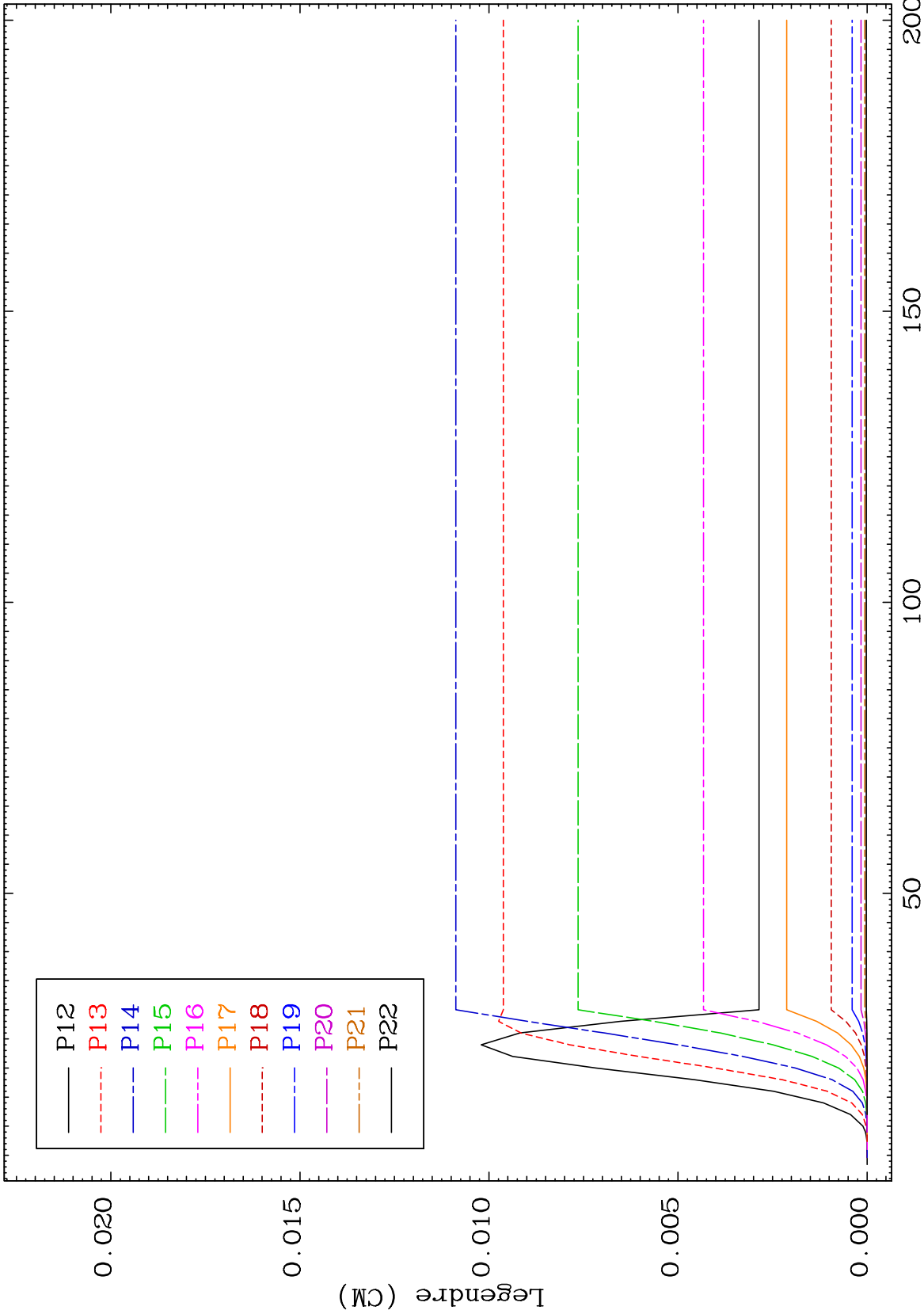


33 25-Mn-51

MAT 2513

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

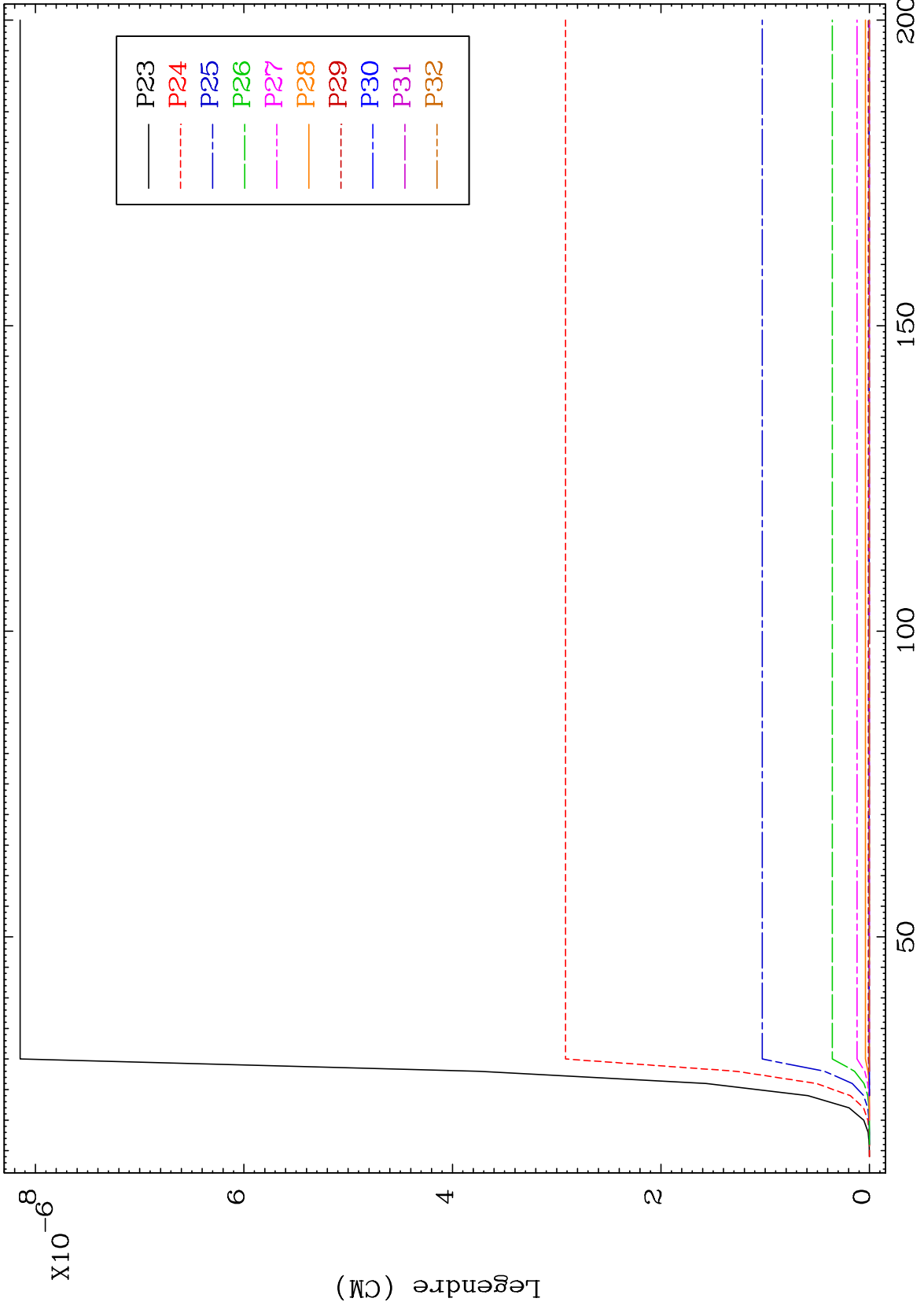
25-Mn-51



34

25-Mn-51

MAT 2513 MT= 56 (n,n') Level Legendre Coefficients 25-Mn-51

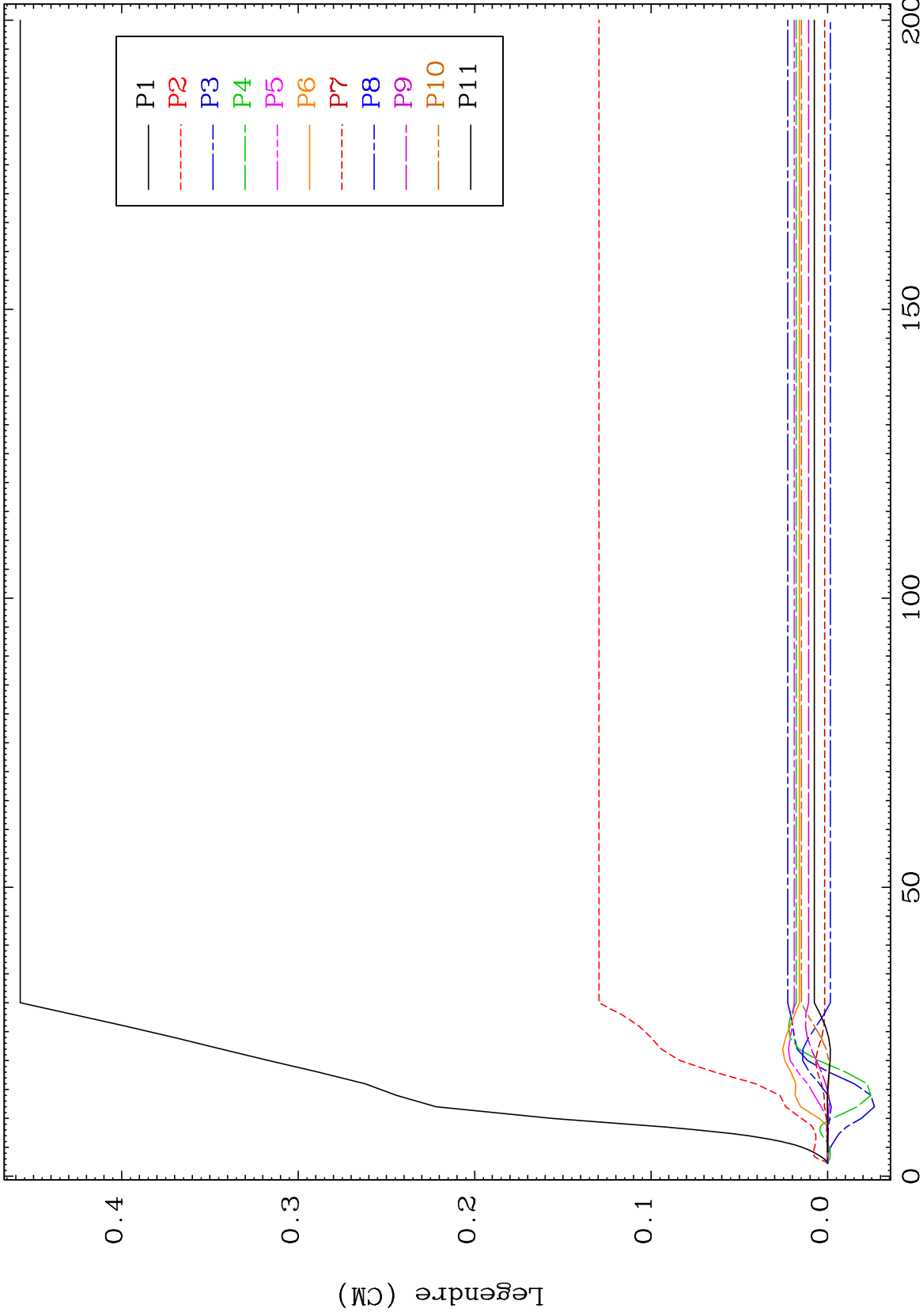


35 Incident Energy (MeV) 25-Mn-51

MAT 2513

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

25-Mn-51

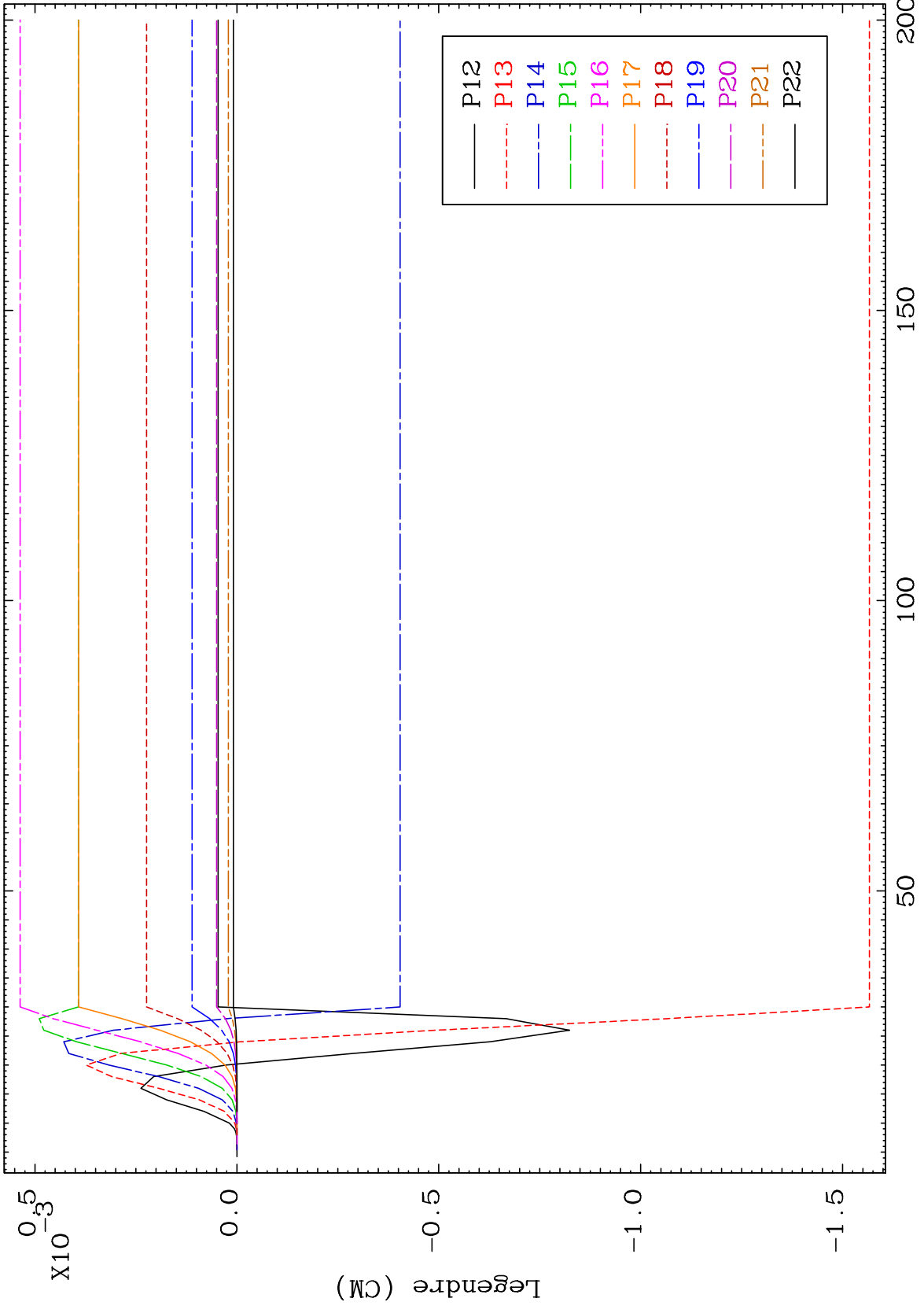


36

Incident Energy (MeV)

25-Mn-51

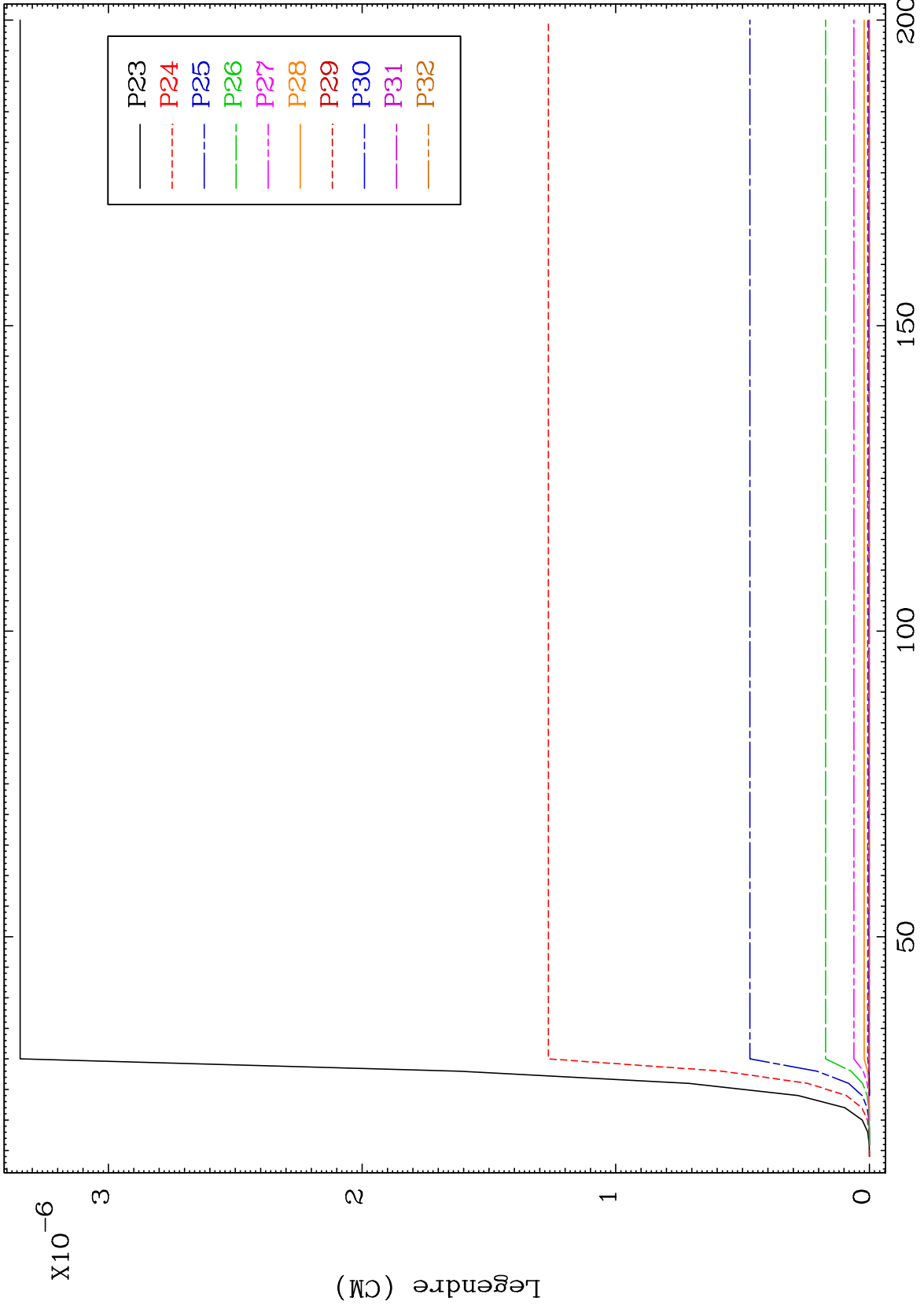
MAT 2513 MT= 57 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513

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

25-Mn-51

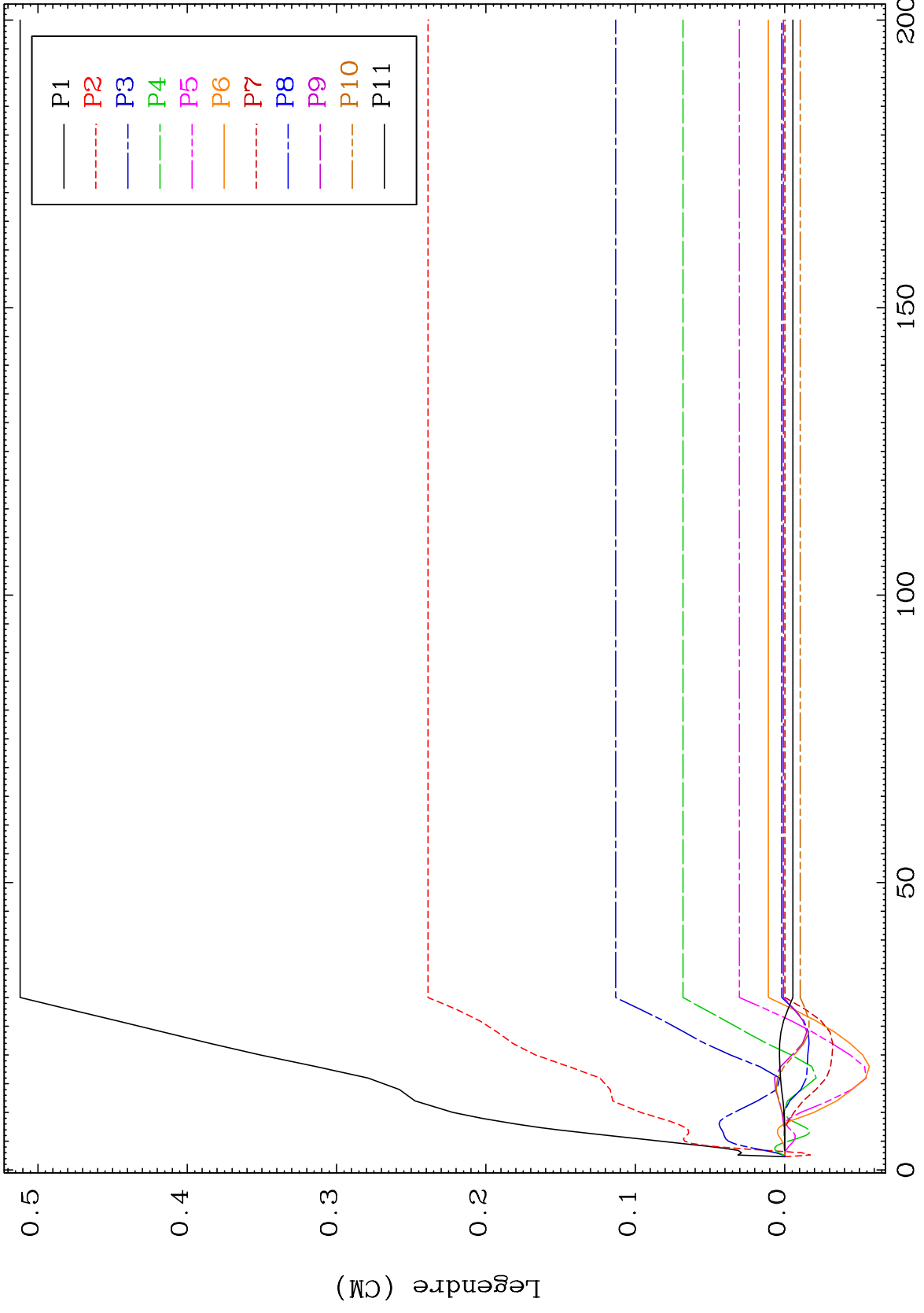


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Incident Energy (MeV)

25-Mn-51

MAT 2513 MT= 58 (n,n') Level Legendre Coefficients 25-Mn-51

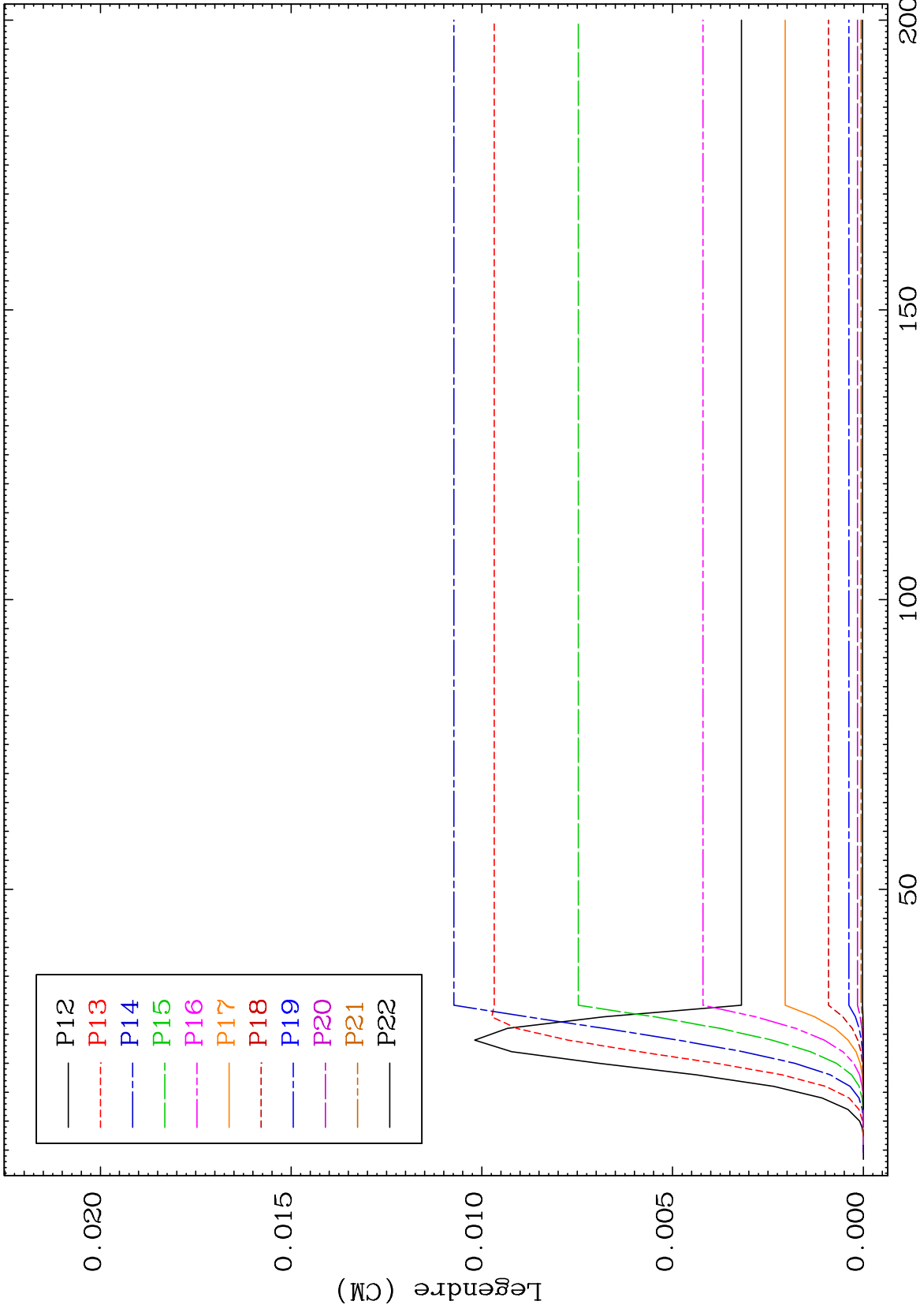


39 25-Mn-51

MAT 2513

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

25-Mn-51



40

50

100

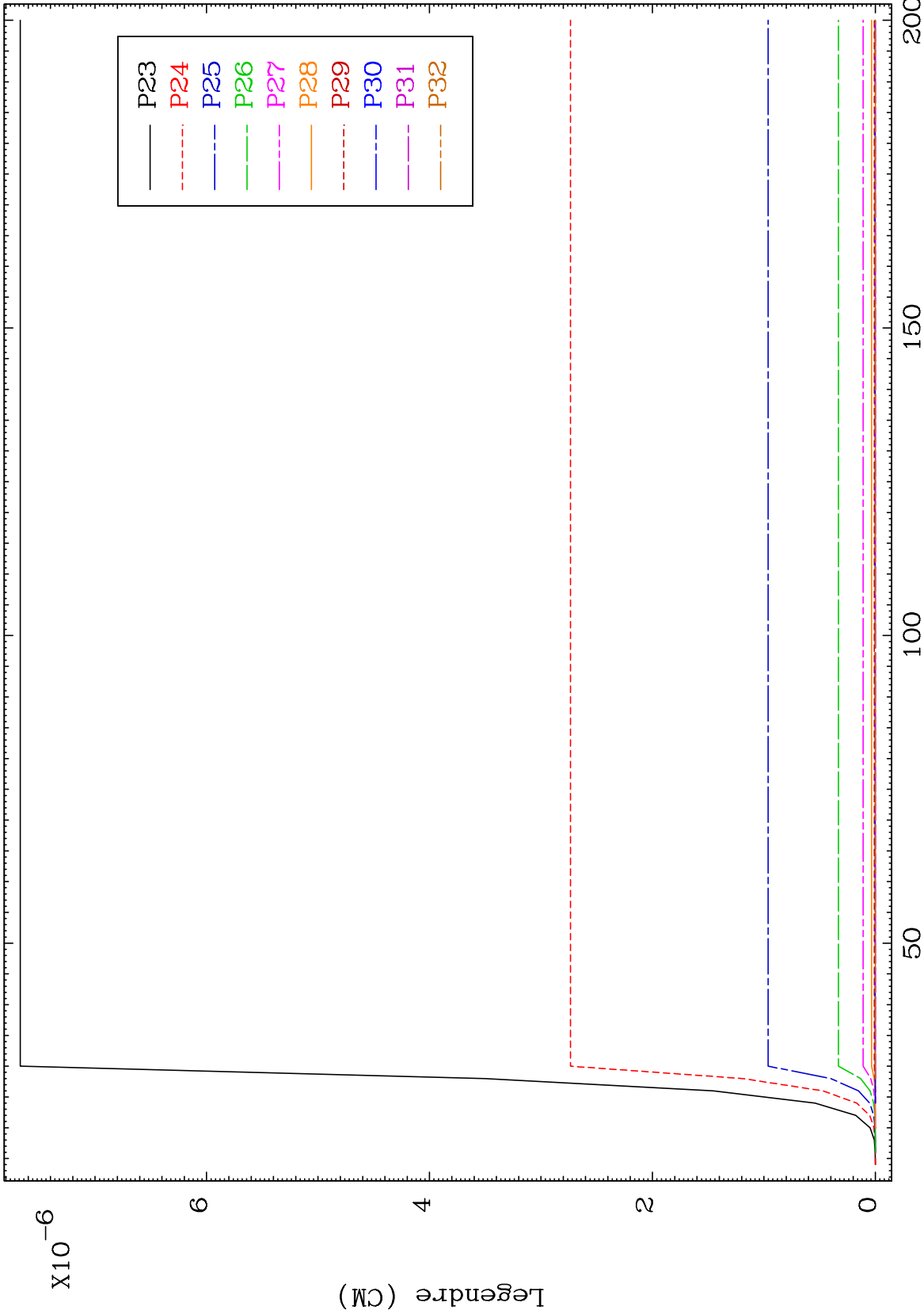
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200

MAT 2513

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

25-Mn-51

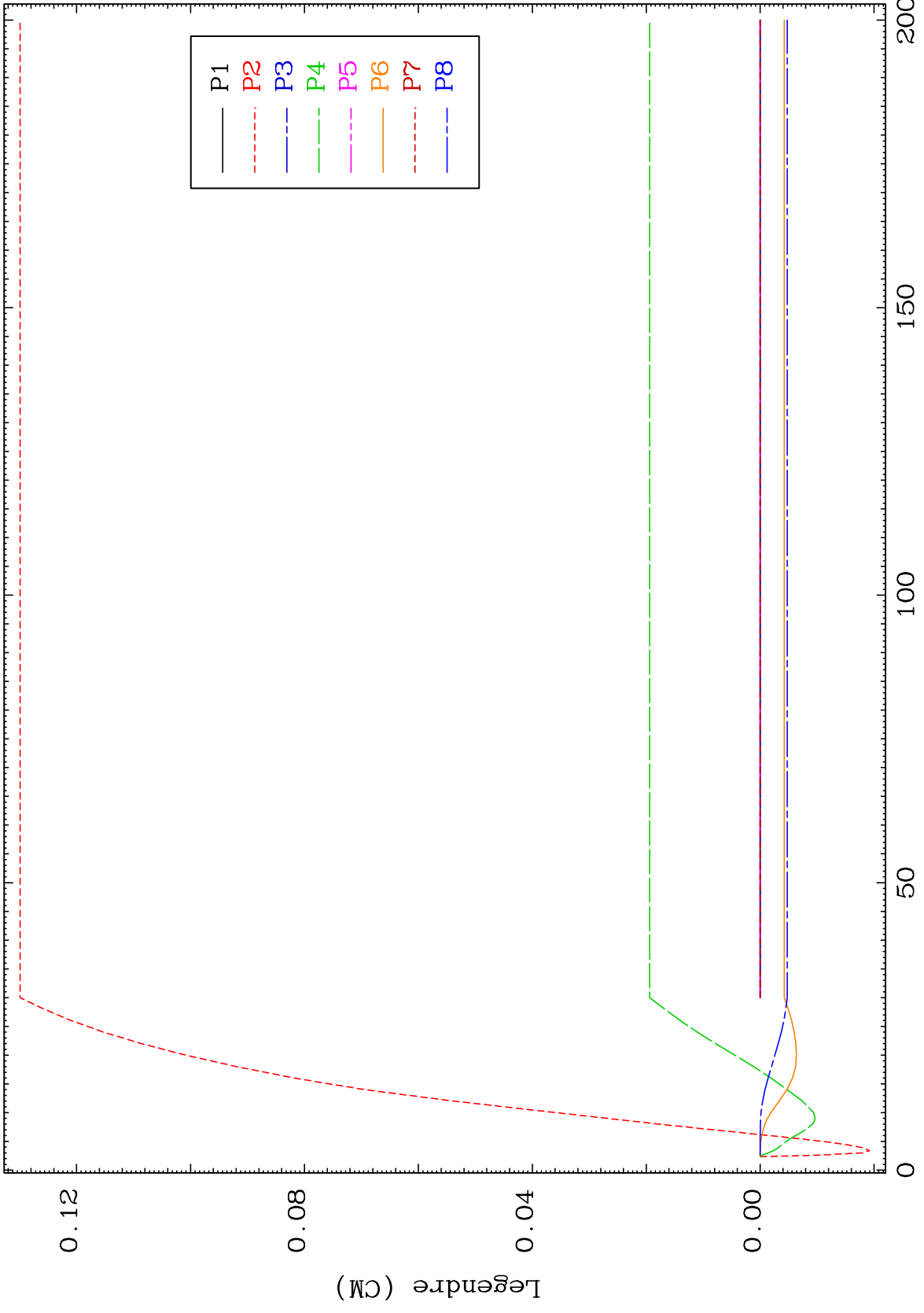


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Incident Energy (MeV)

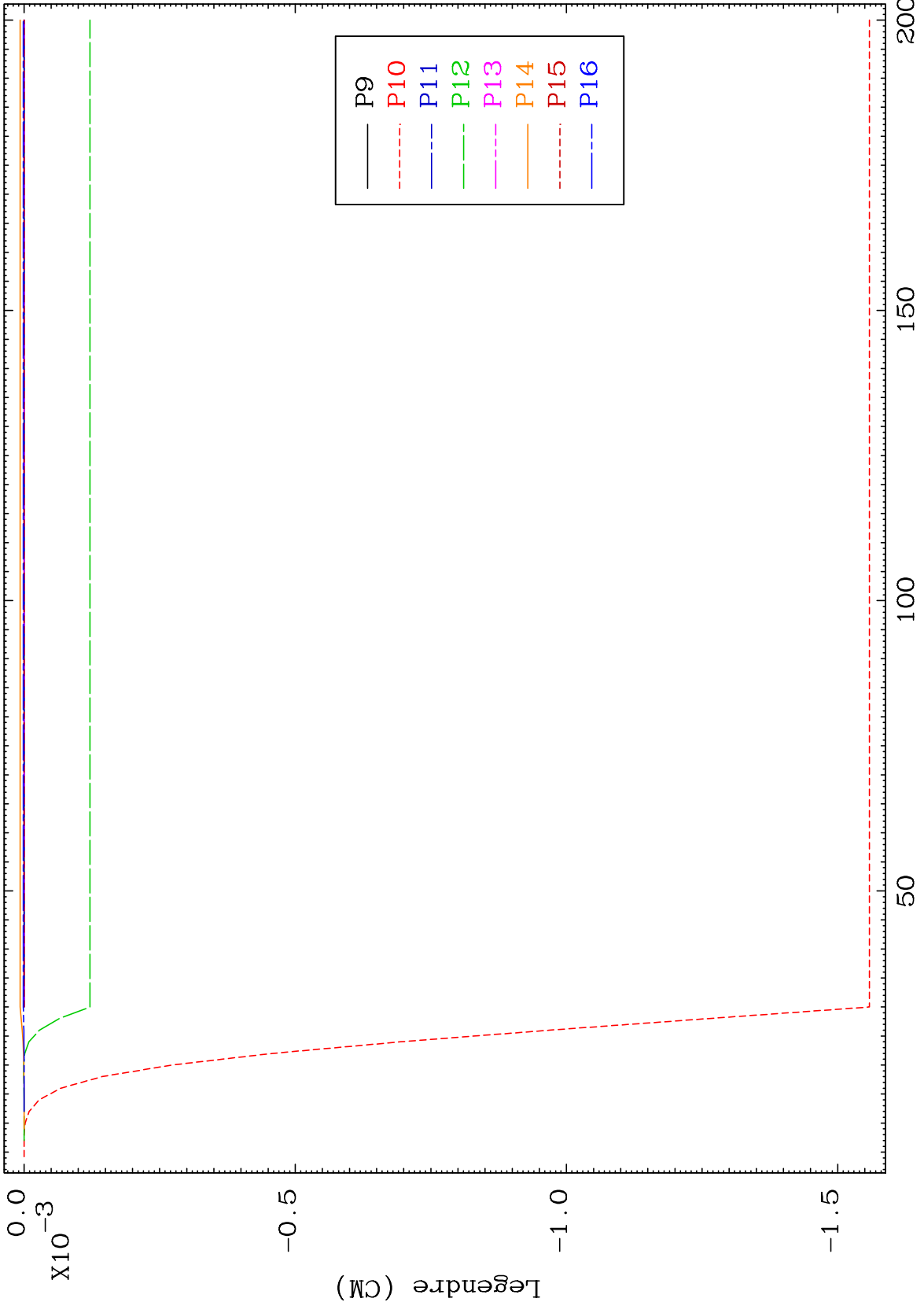
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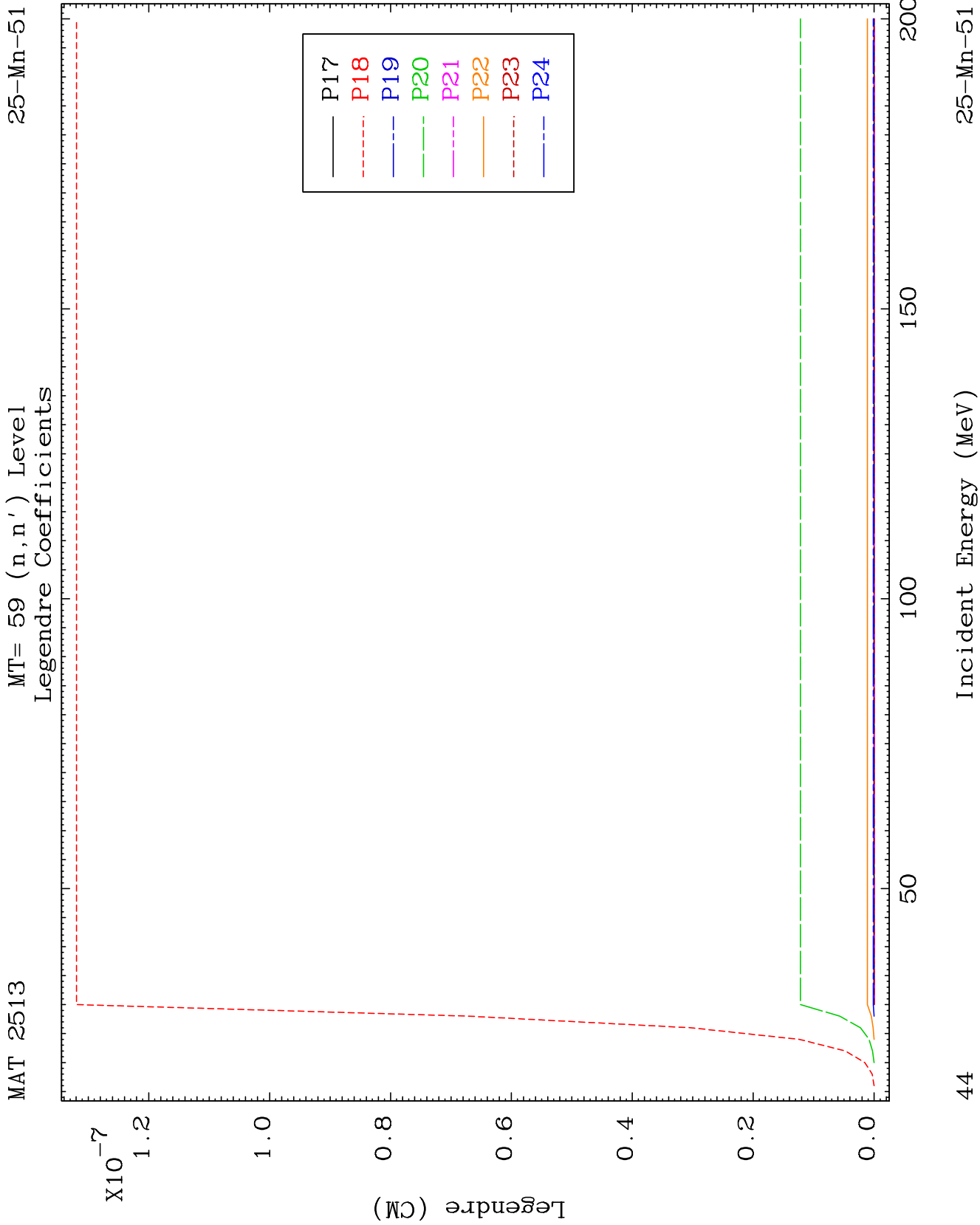
MAT 2513 MT= 59 (n,n') Level Legendre Coefficients 25-Mn-51



42 25-Mn-51

MAT 2513 MT= 59 (n,n') Level Legendre Coefficients 25-Mn-51

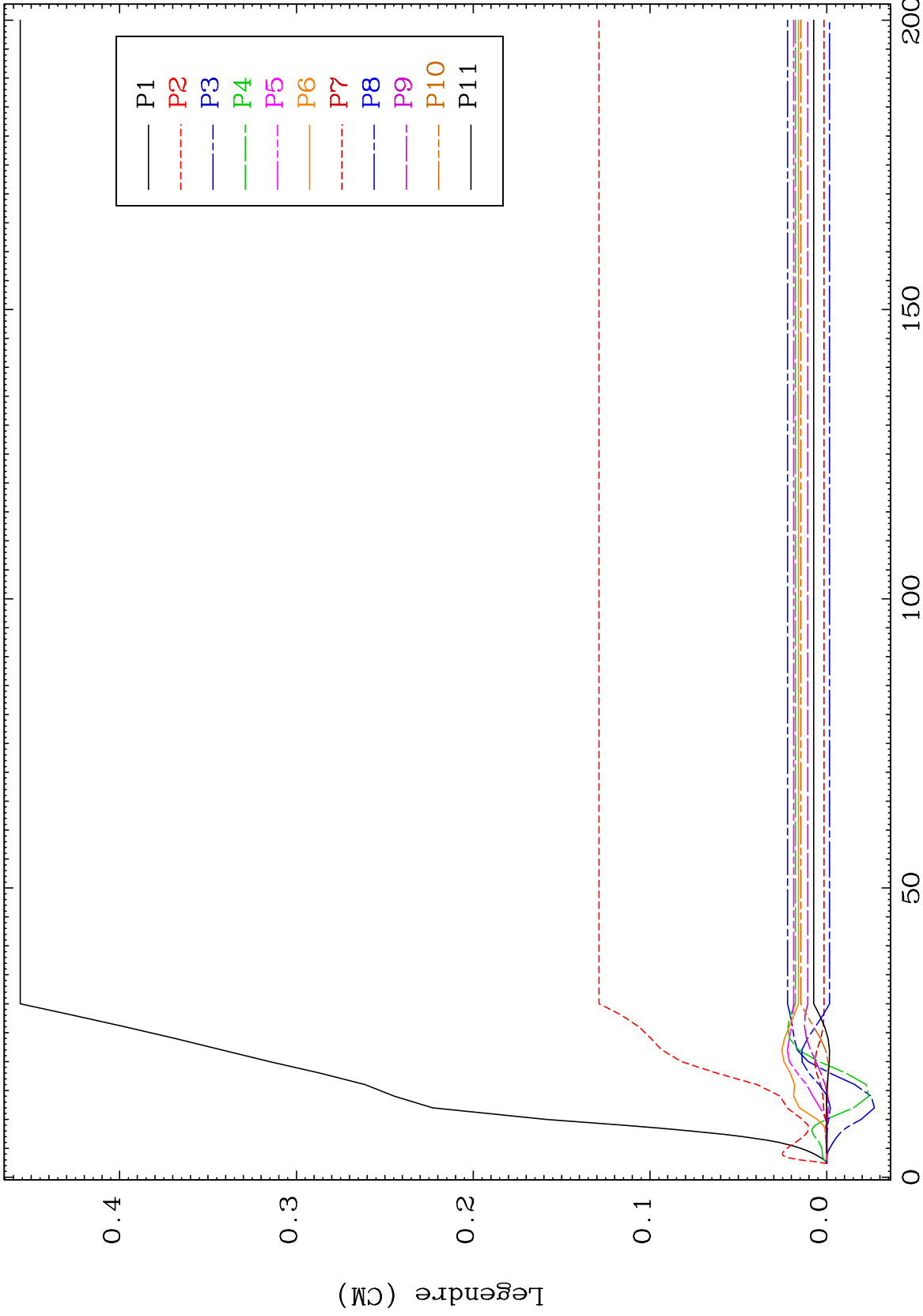




MAT 2513

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

25-Mn-51



45

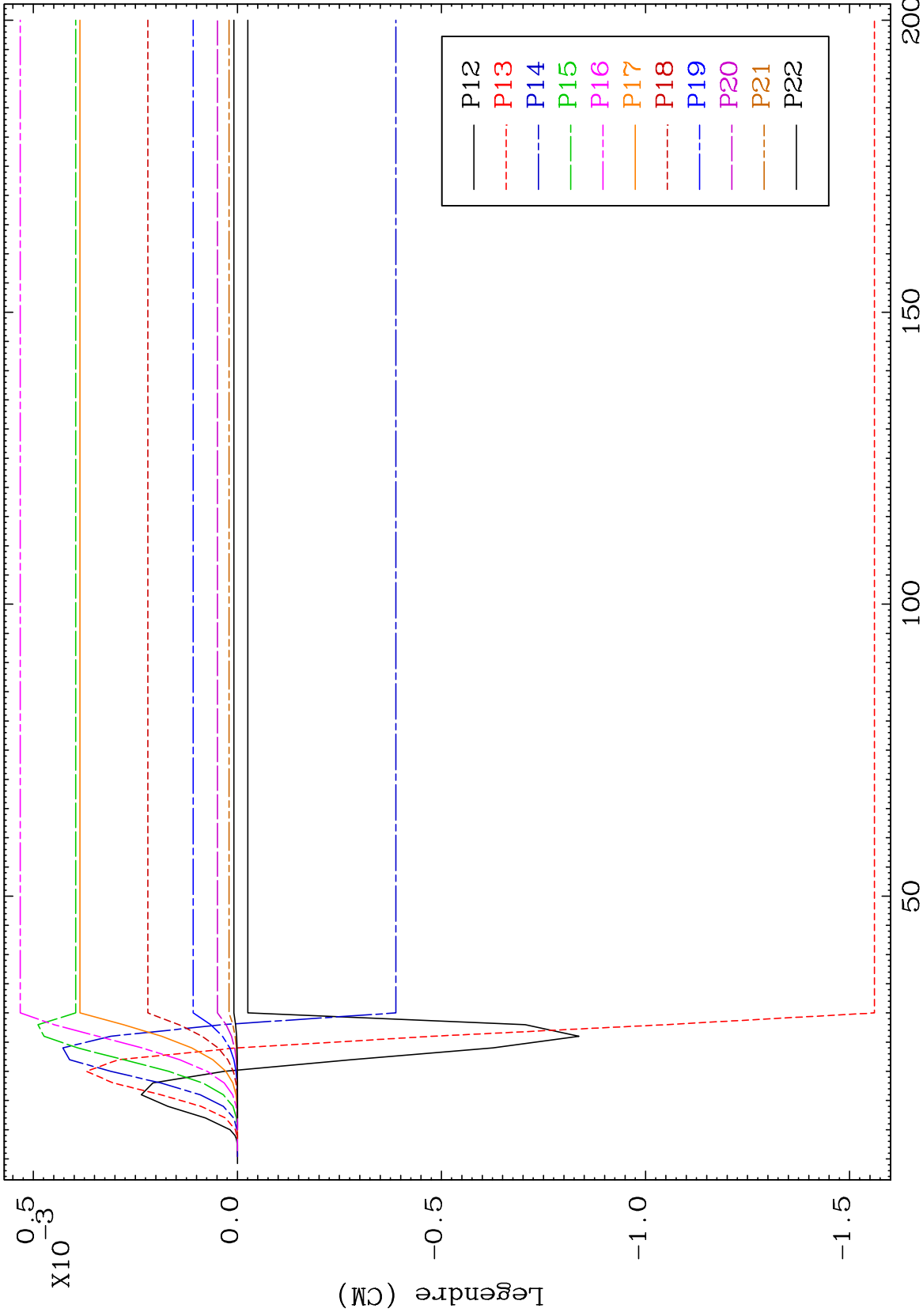
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



46

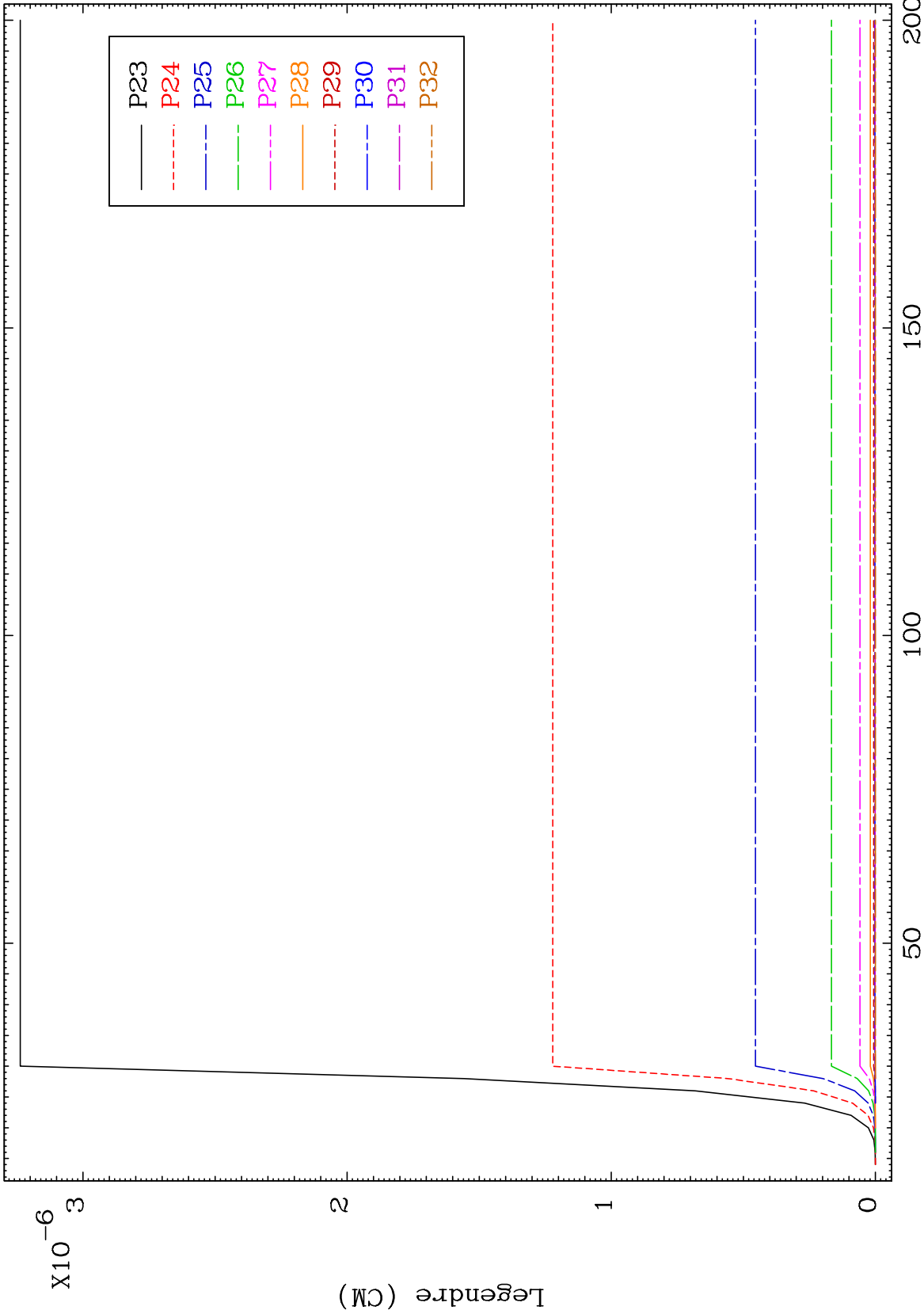
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



47

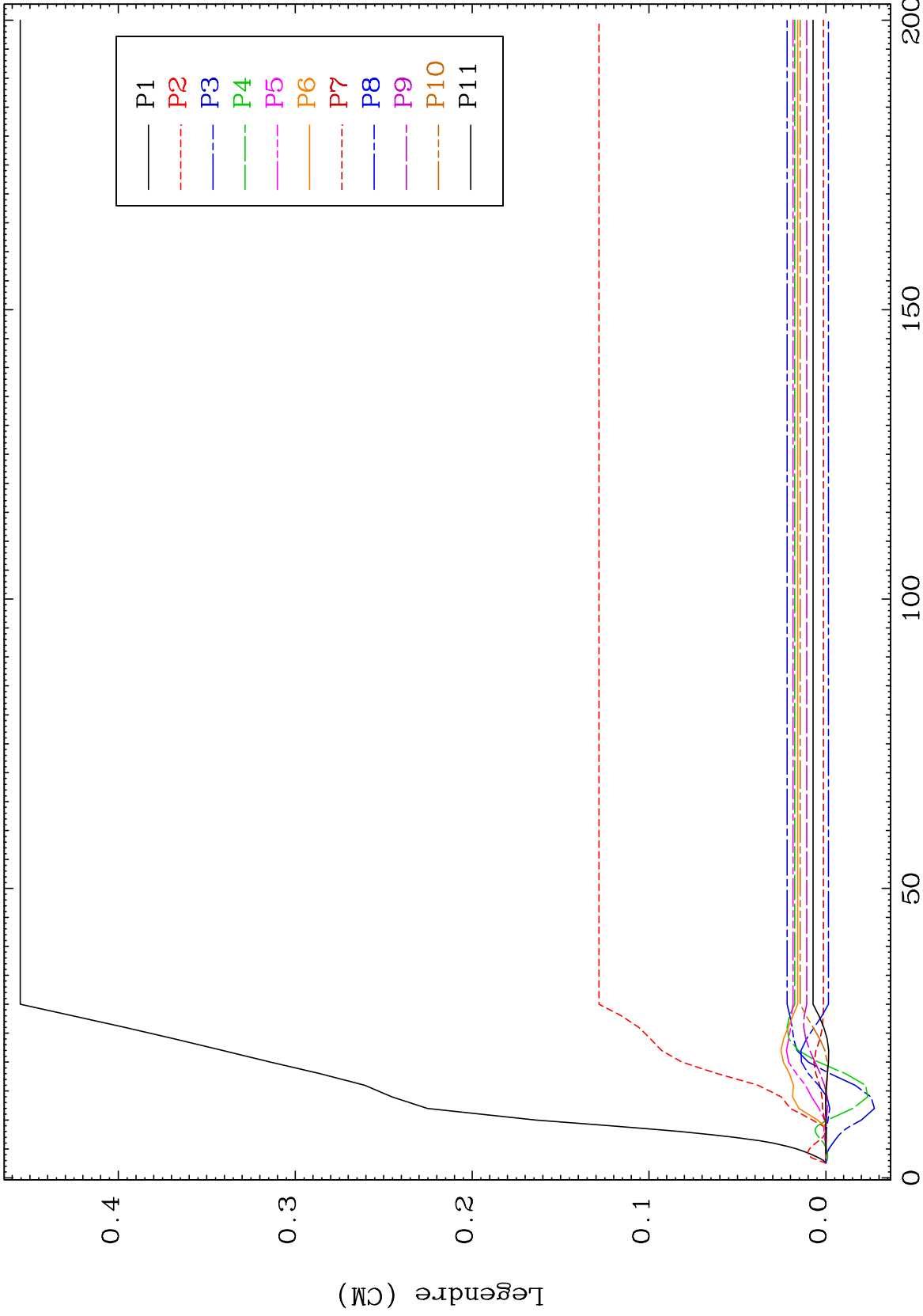
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51

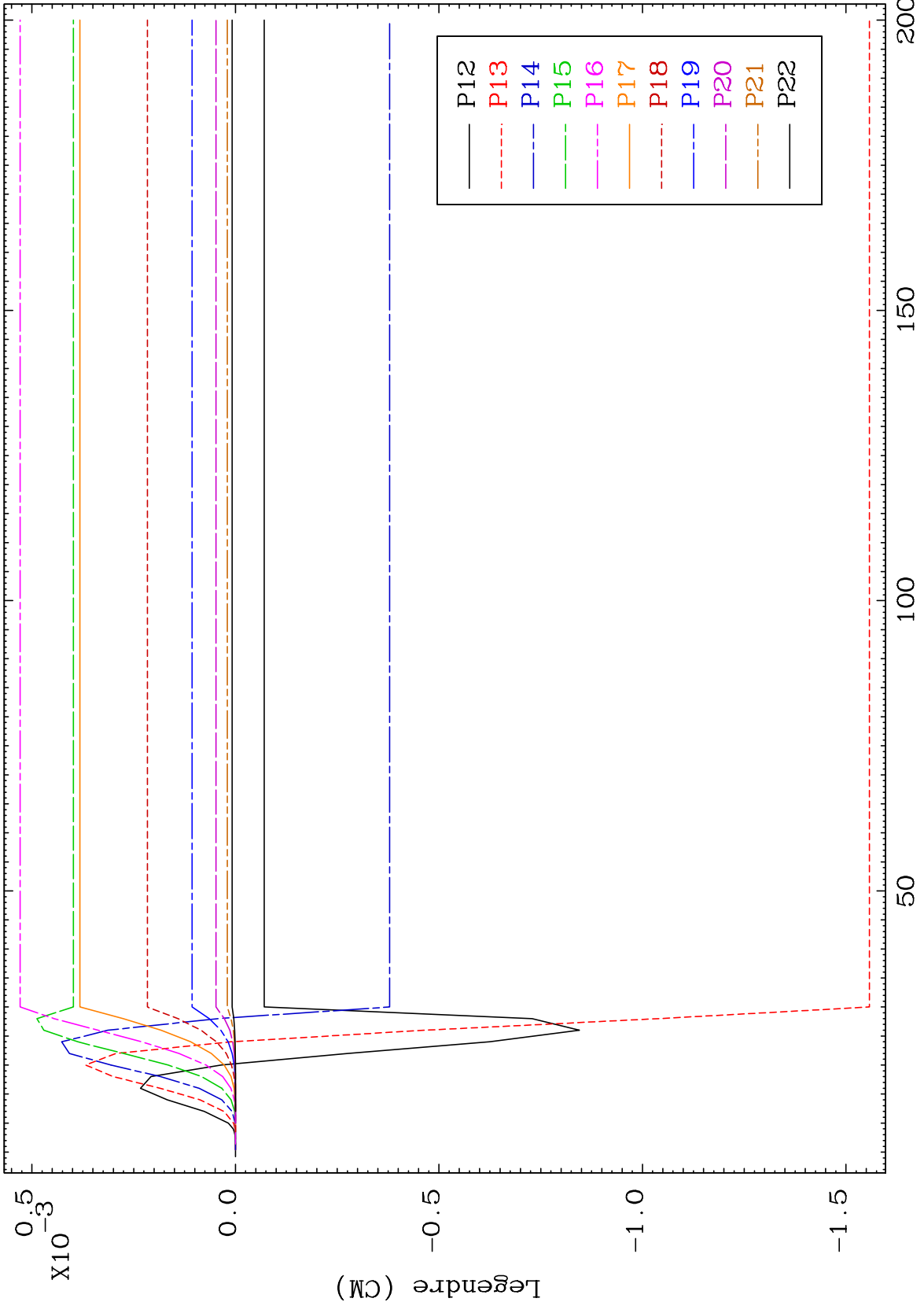


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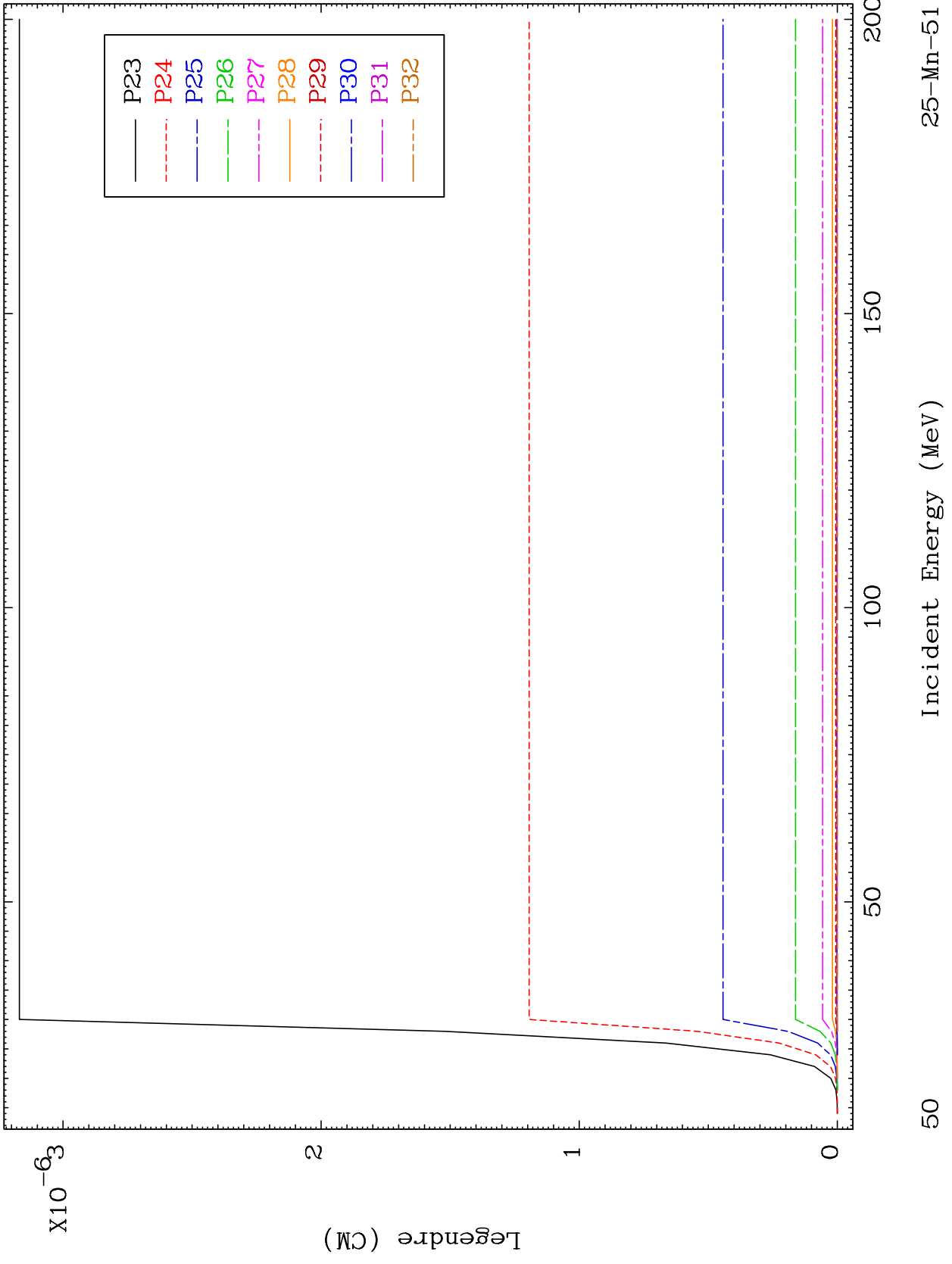
Incident Energy (MeV)

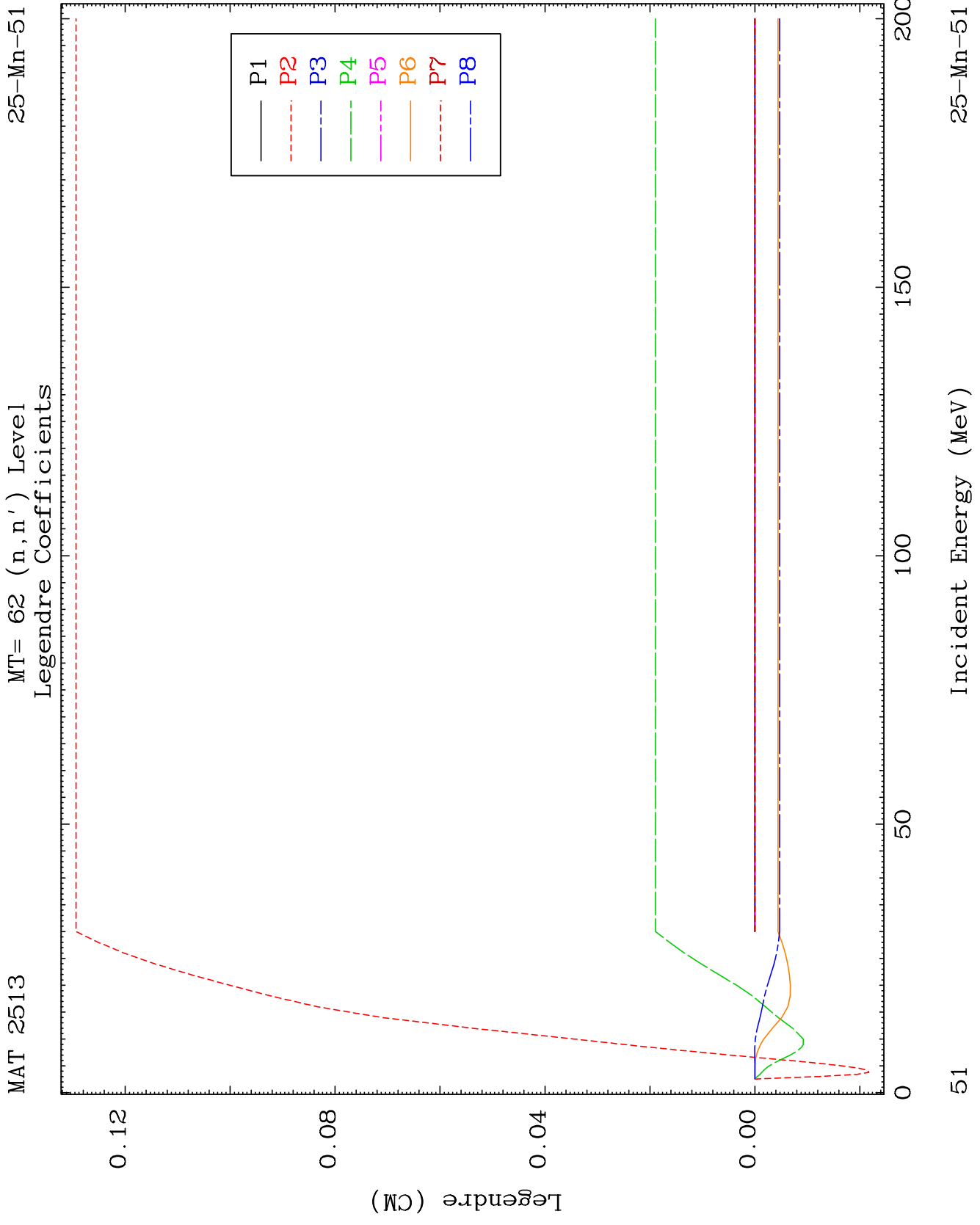
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MAT 2513 MT= 61 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513 MT= 61 (n,n') Level Legendre Coefficients 25-Mn-51

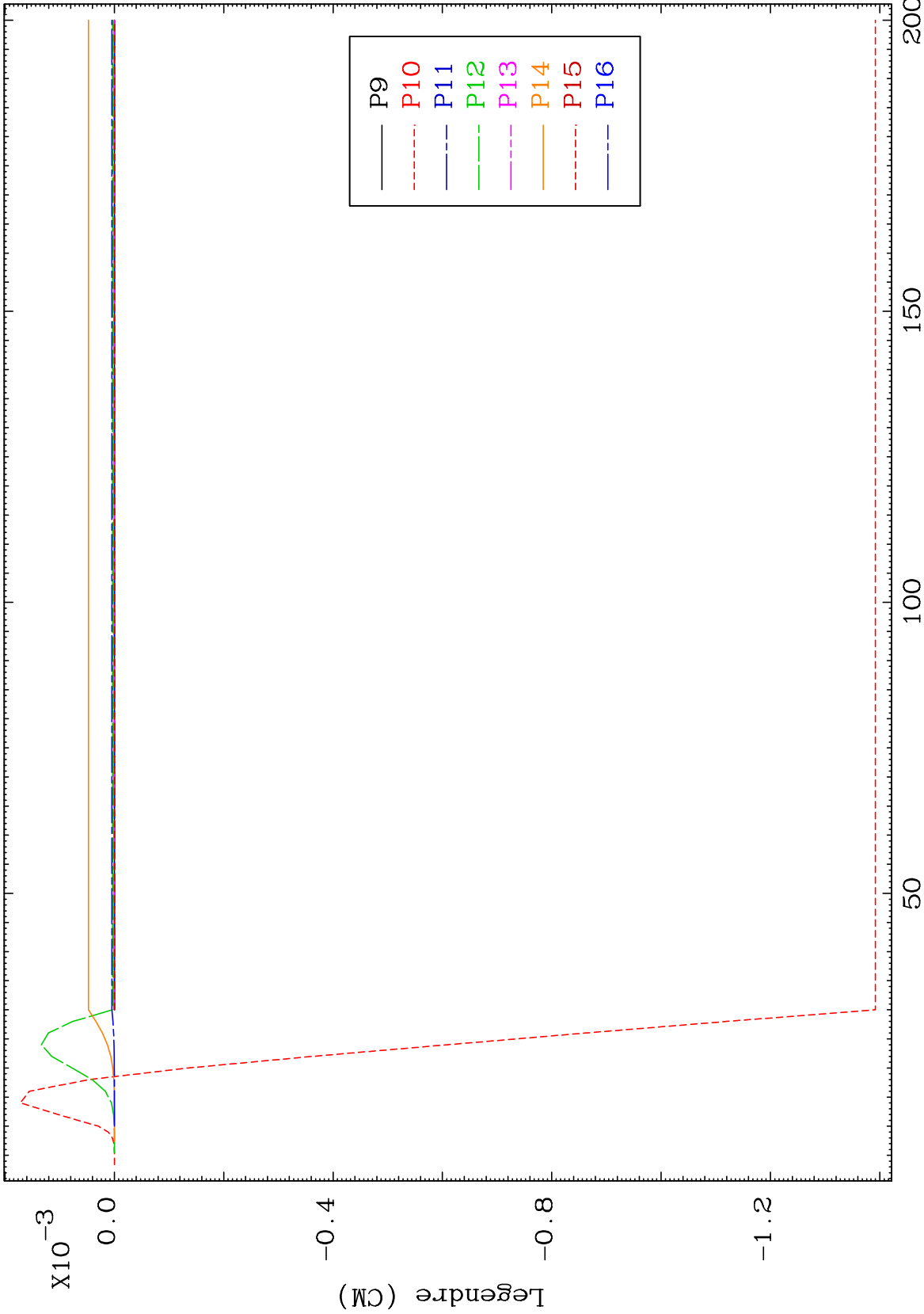




MAT 2513

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

25-Mn-51

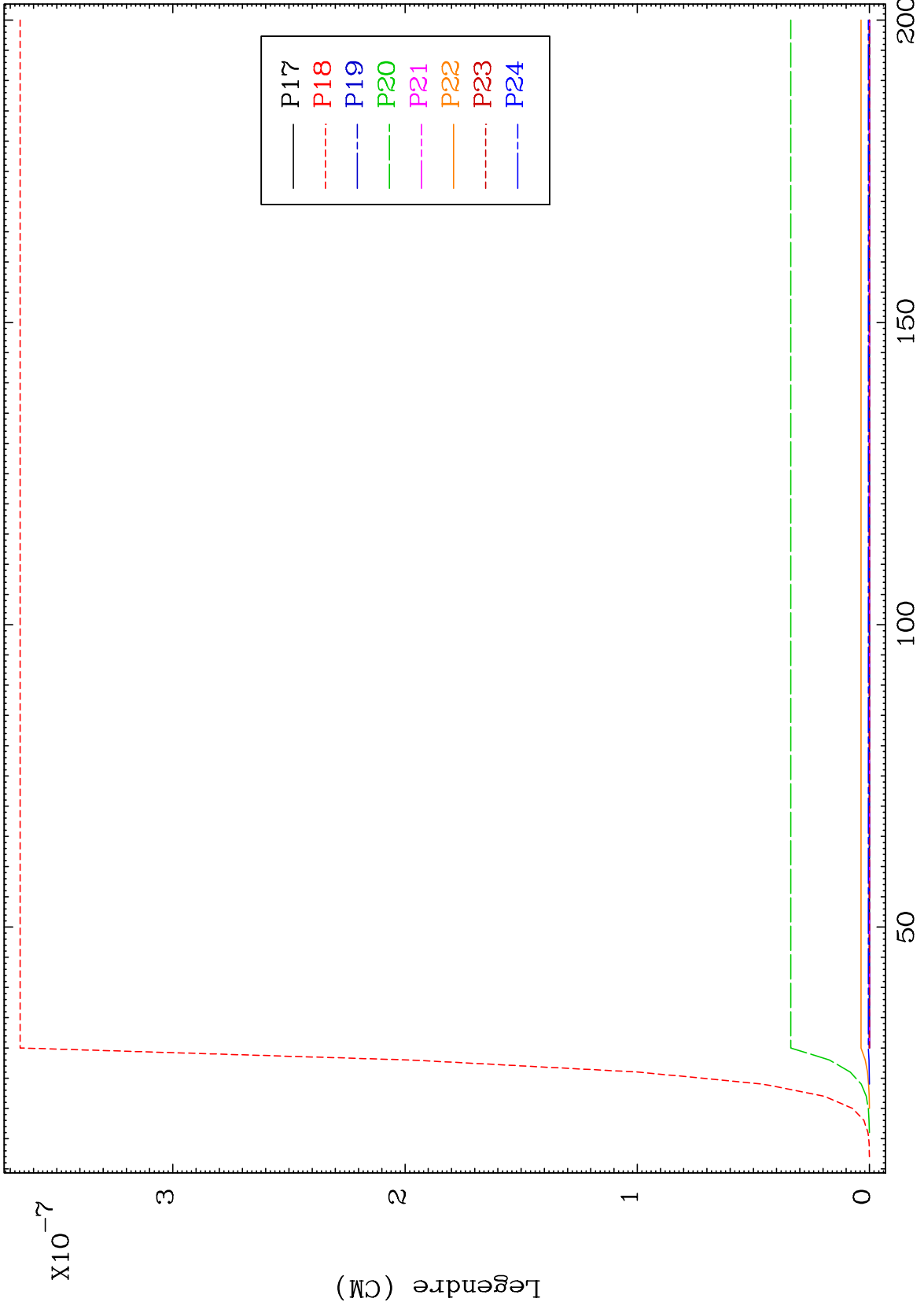


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Incident Energy (MeV)

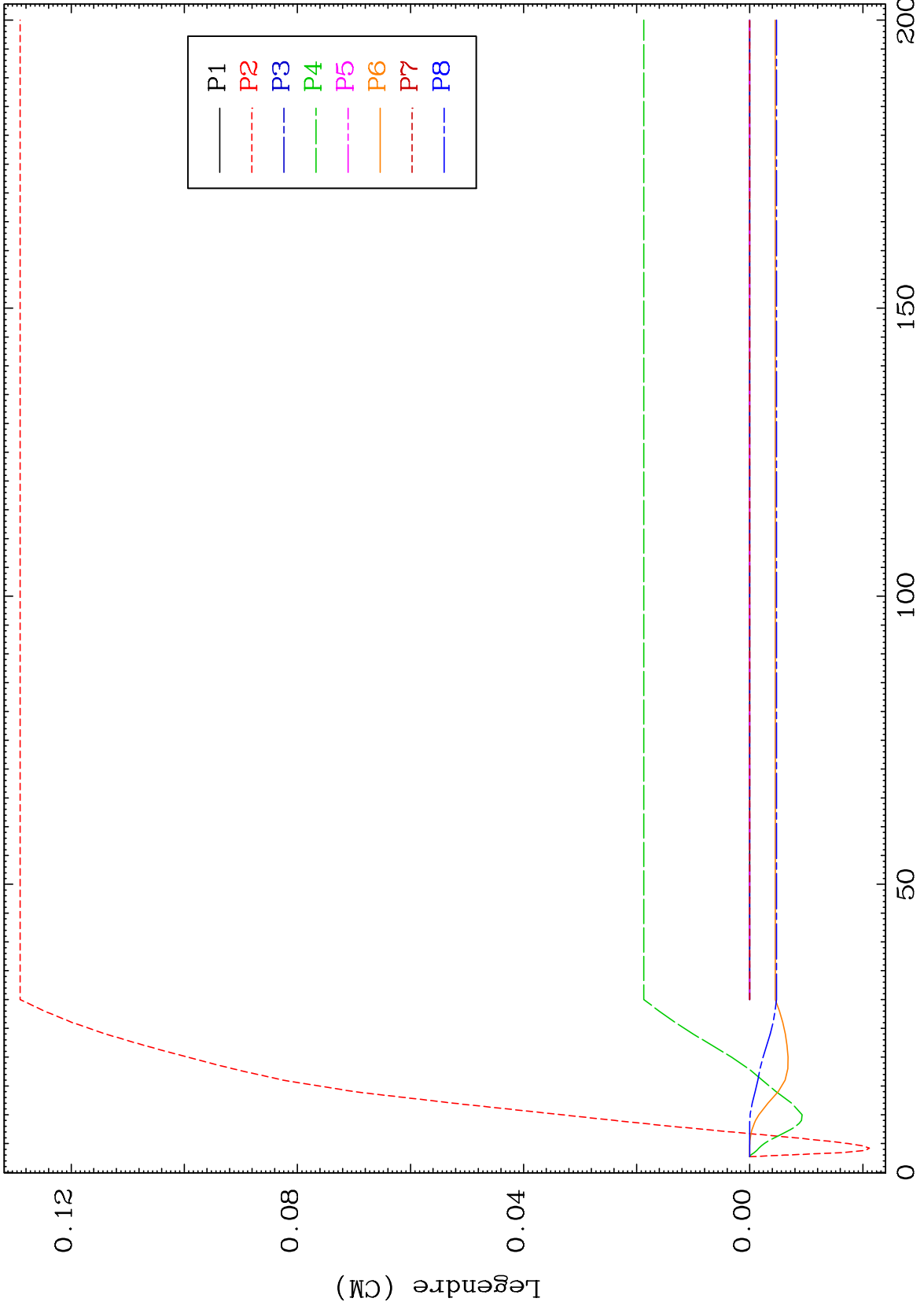
25-Mn-51

MAT 2513 MT= 62 (n,n') Level Legendre Coefficients 25-Mn-51



53 Incident Energy (MeV) 200 25-Mn-51

MAT 2513 MT= 63 (n,n') Level Legendre Coefficients 25-Mn-51

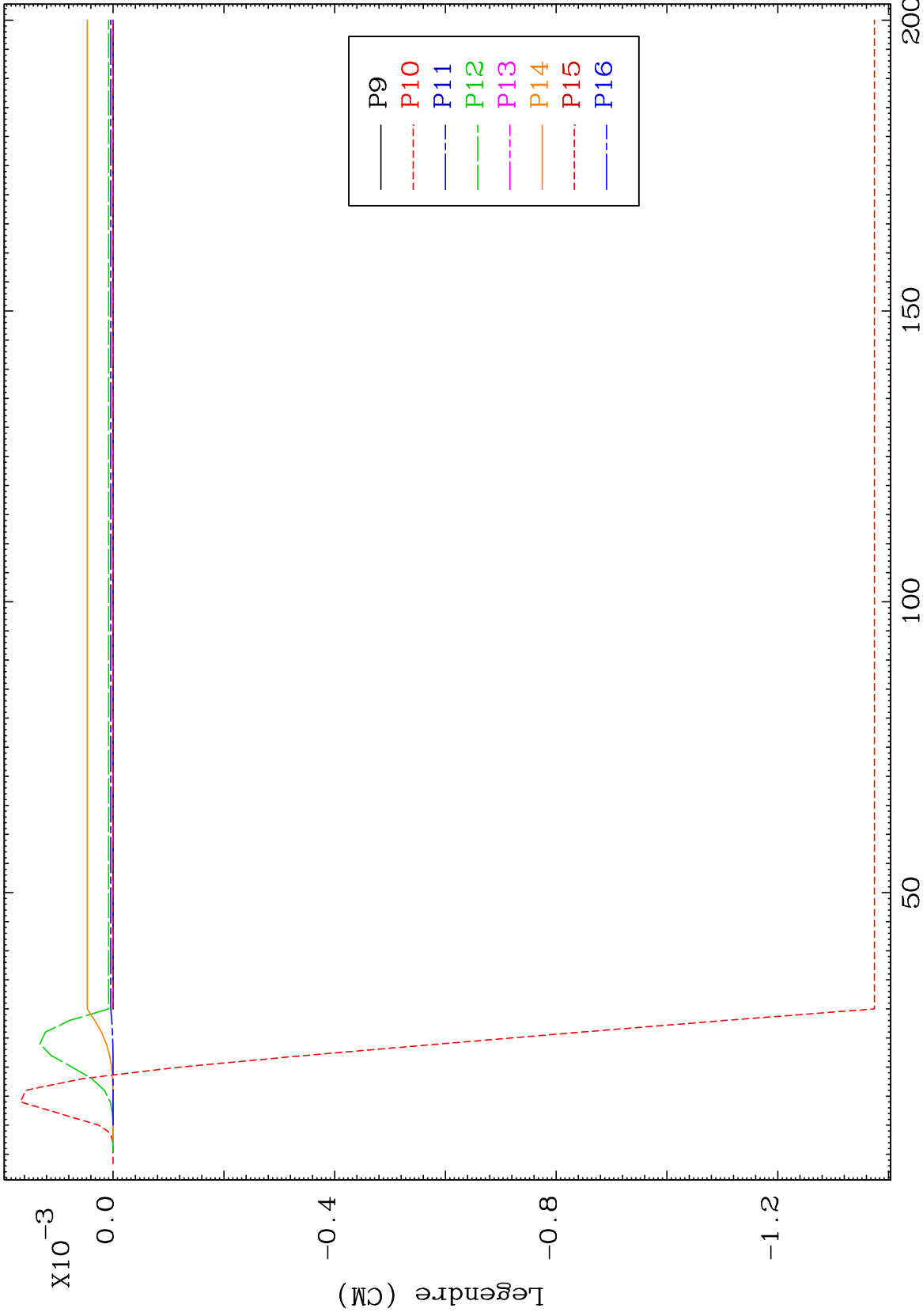


54 Incident Energy (MeV) 25-Mn-51

MAT 2513

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

25-Mn-51

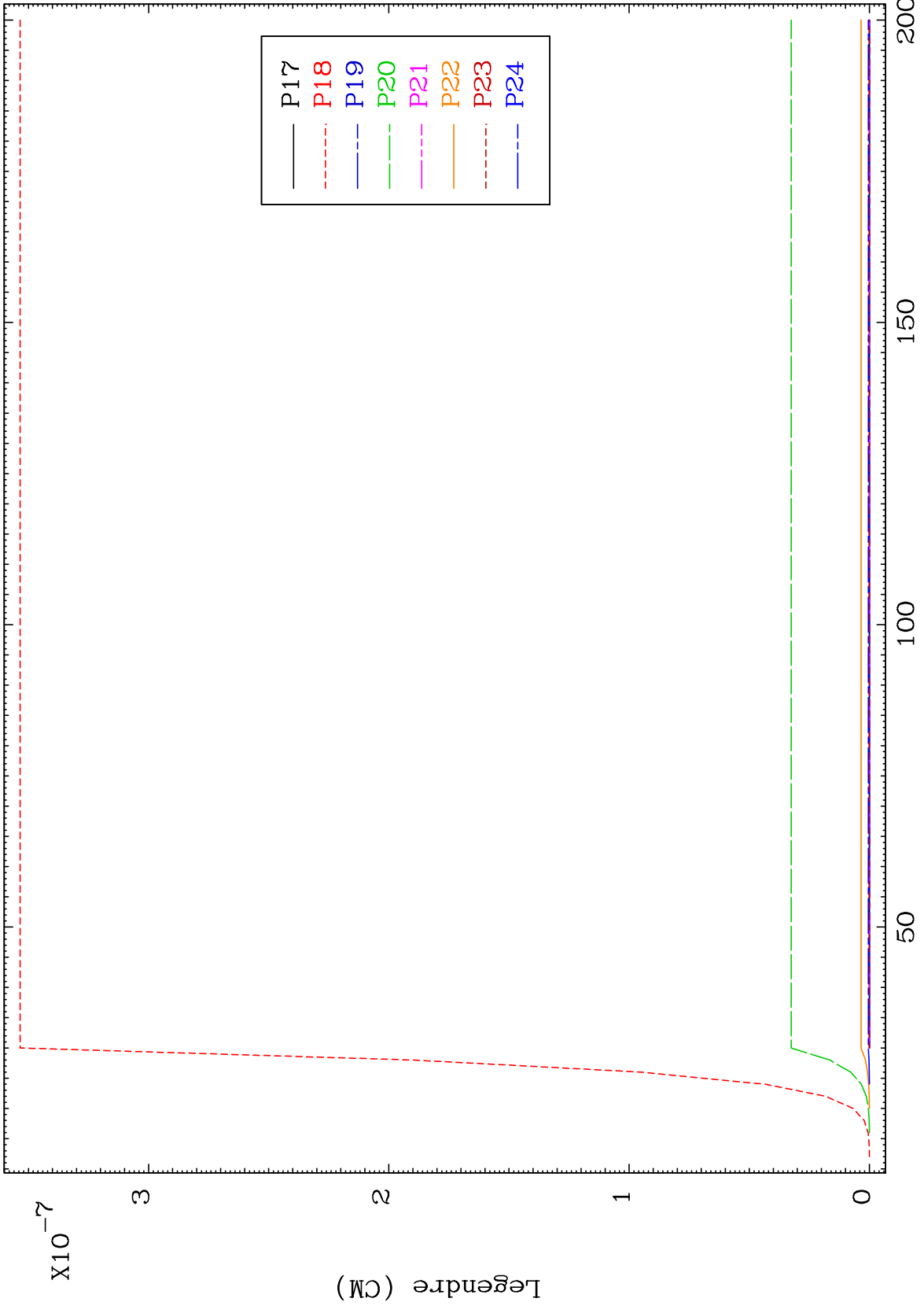


55

Incident Energy (MeV)

25-Mn-51

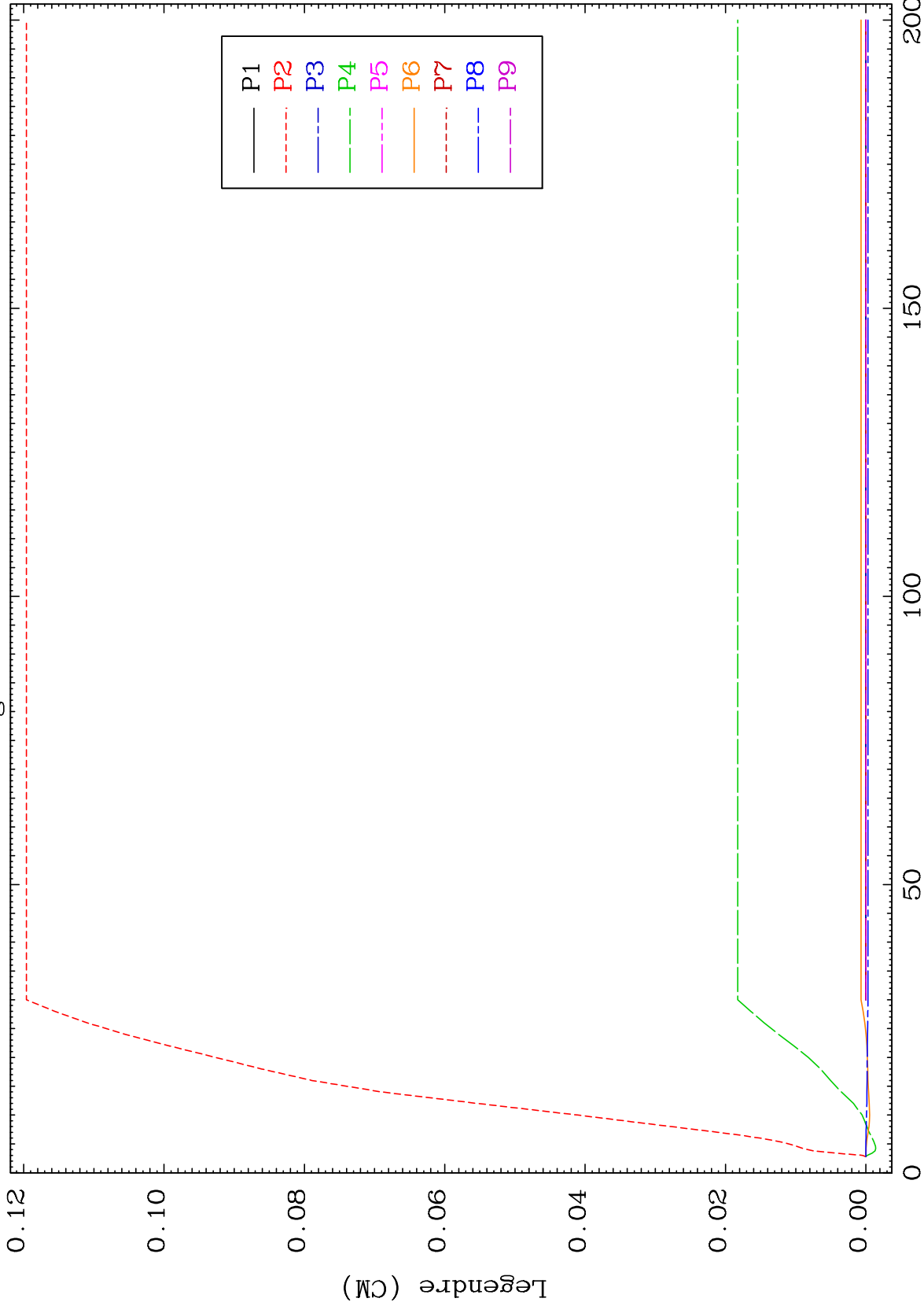
MAT 2513 MT= 63 (n,n') Level Legendre Coefficients 25-Mn-51



56 100 150 200 25-Mn-51

MAT 2513 MT= 64 (n,n') Level Legendre Coefficients

25-Mn-51



25-Mn-51

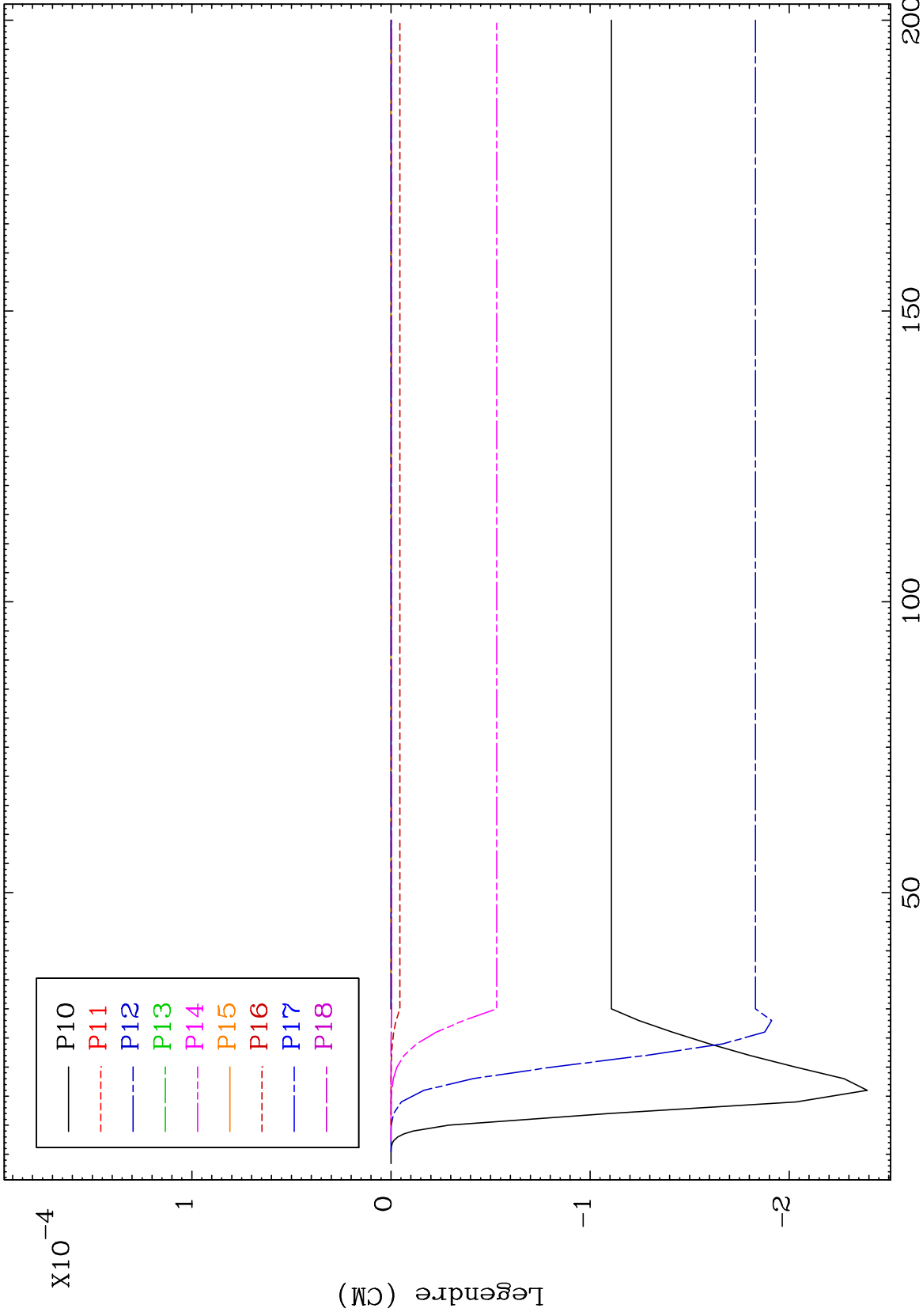
Incident Energy (MeV)

57

MAT 2513

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

25-Mn-51

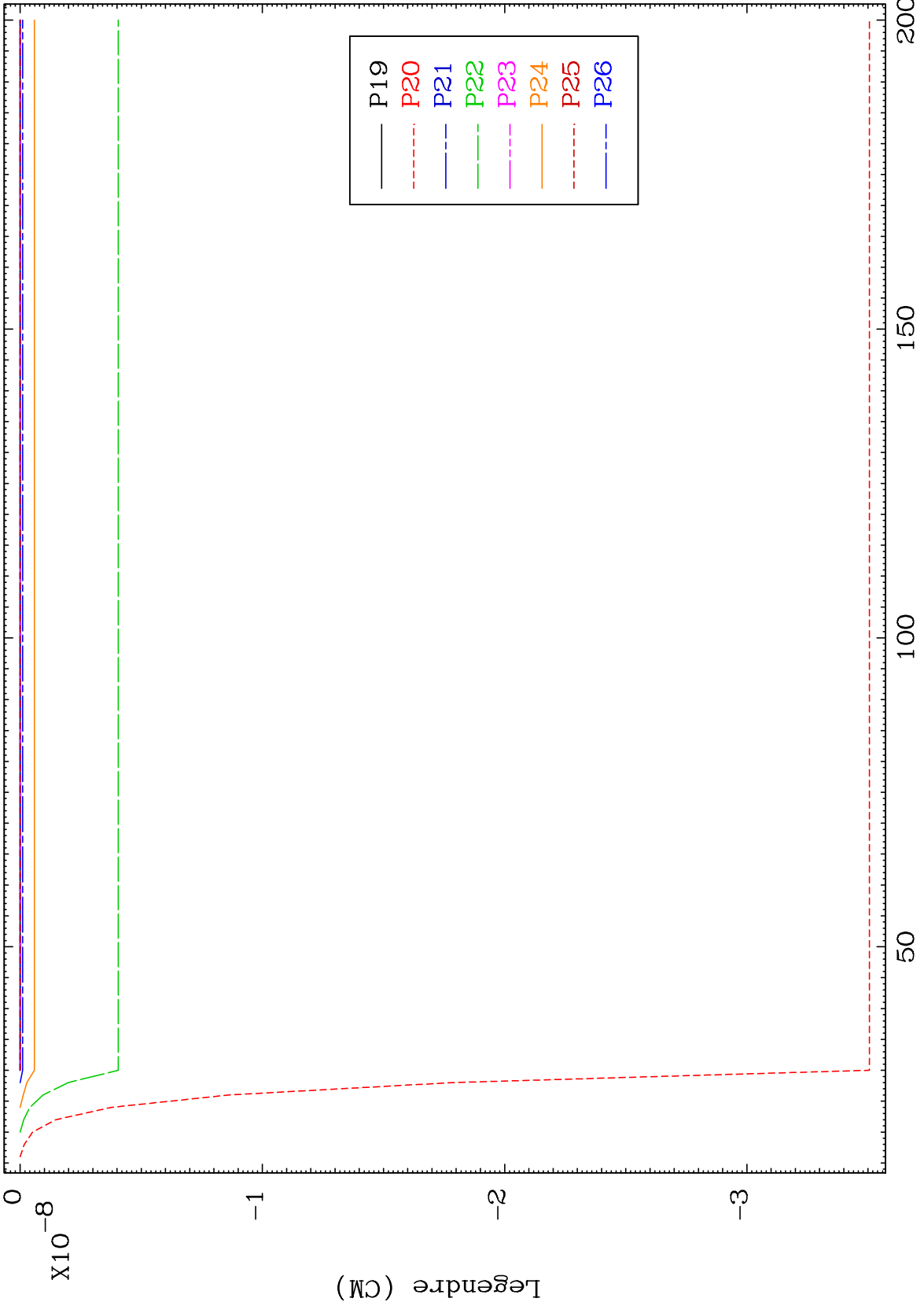


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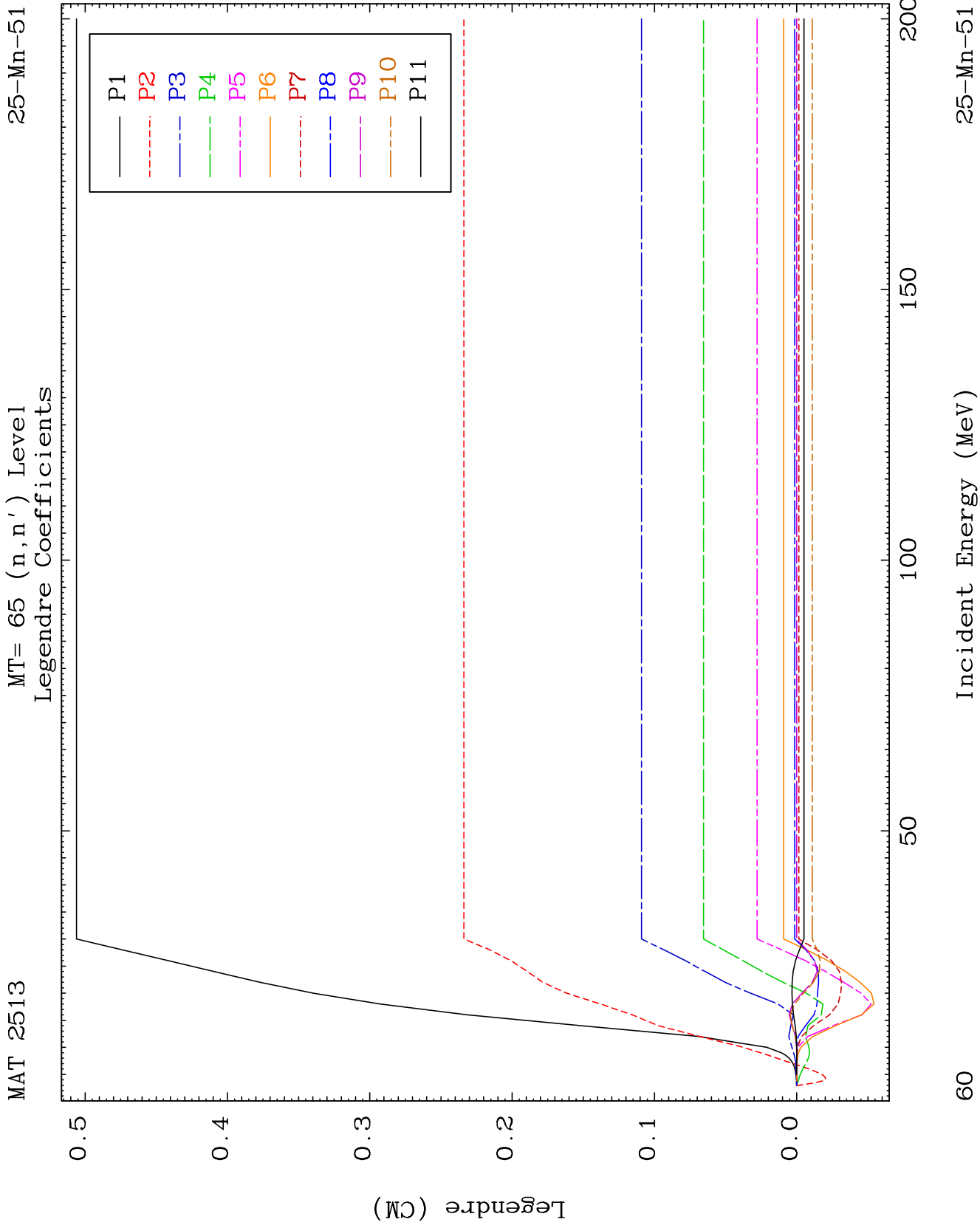
Incident Energy (MeV)

25-Mn-51

MAT 2513 MT= 64 (n,n') Level Legendre Coefficients 25-Mn-51



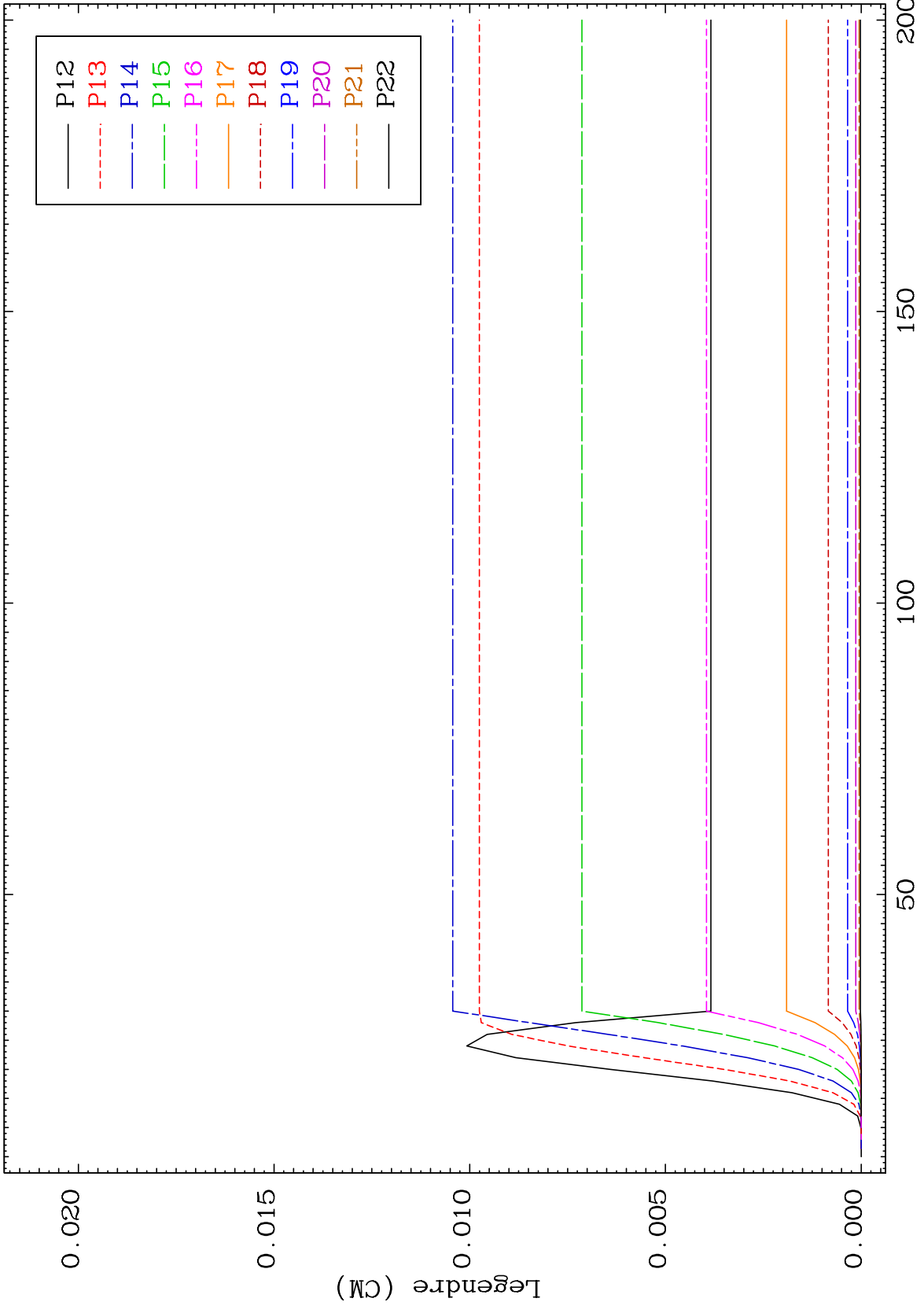
59 25-Mn-51



MAT 2513

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

25-Mn-51



61

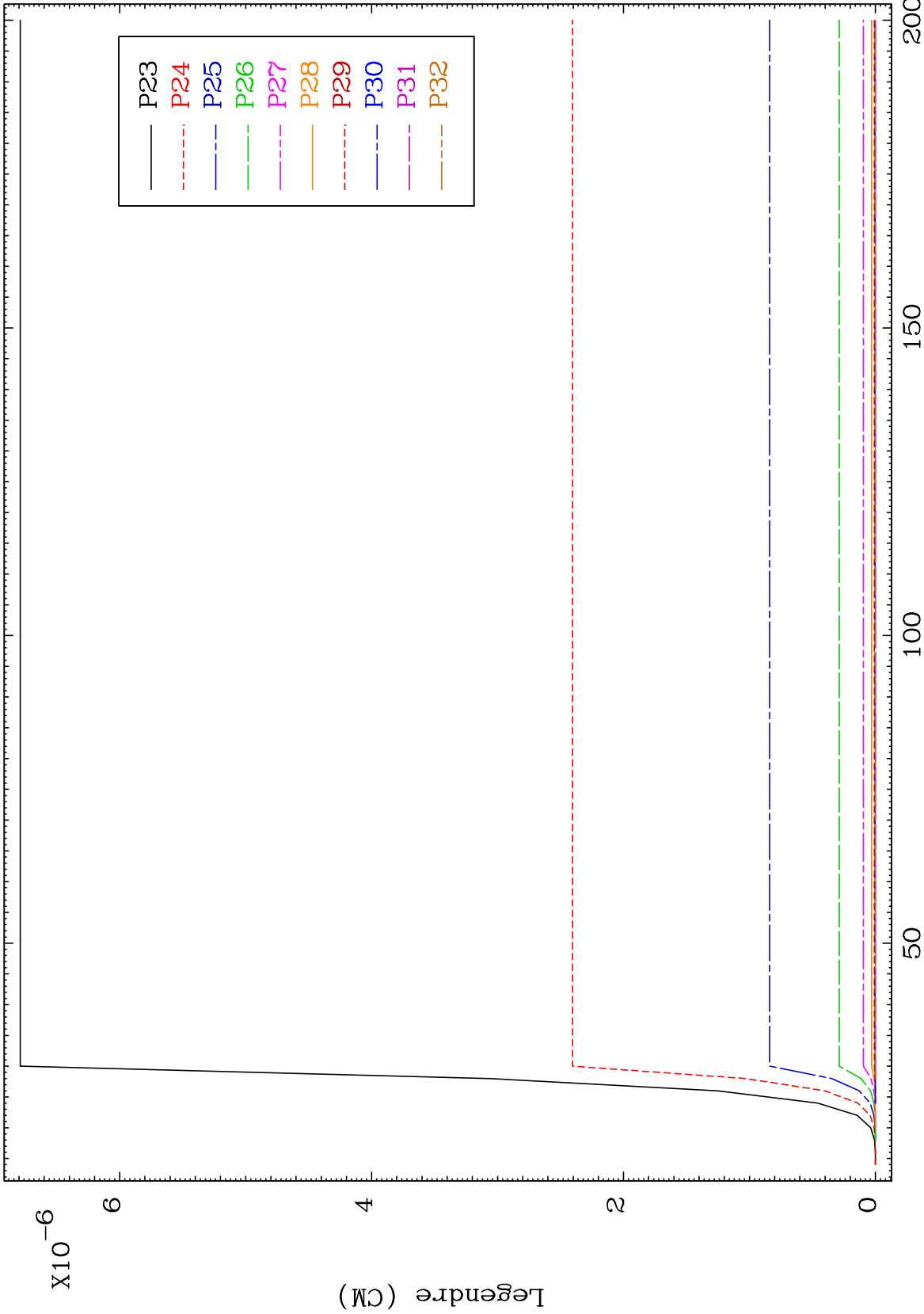
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

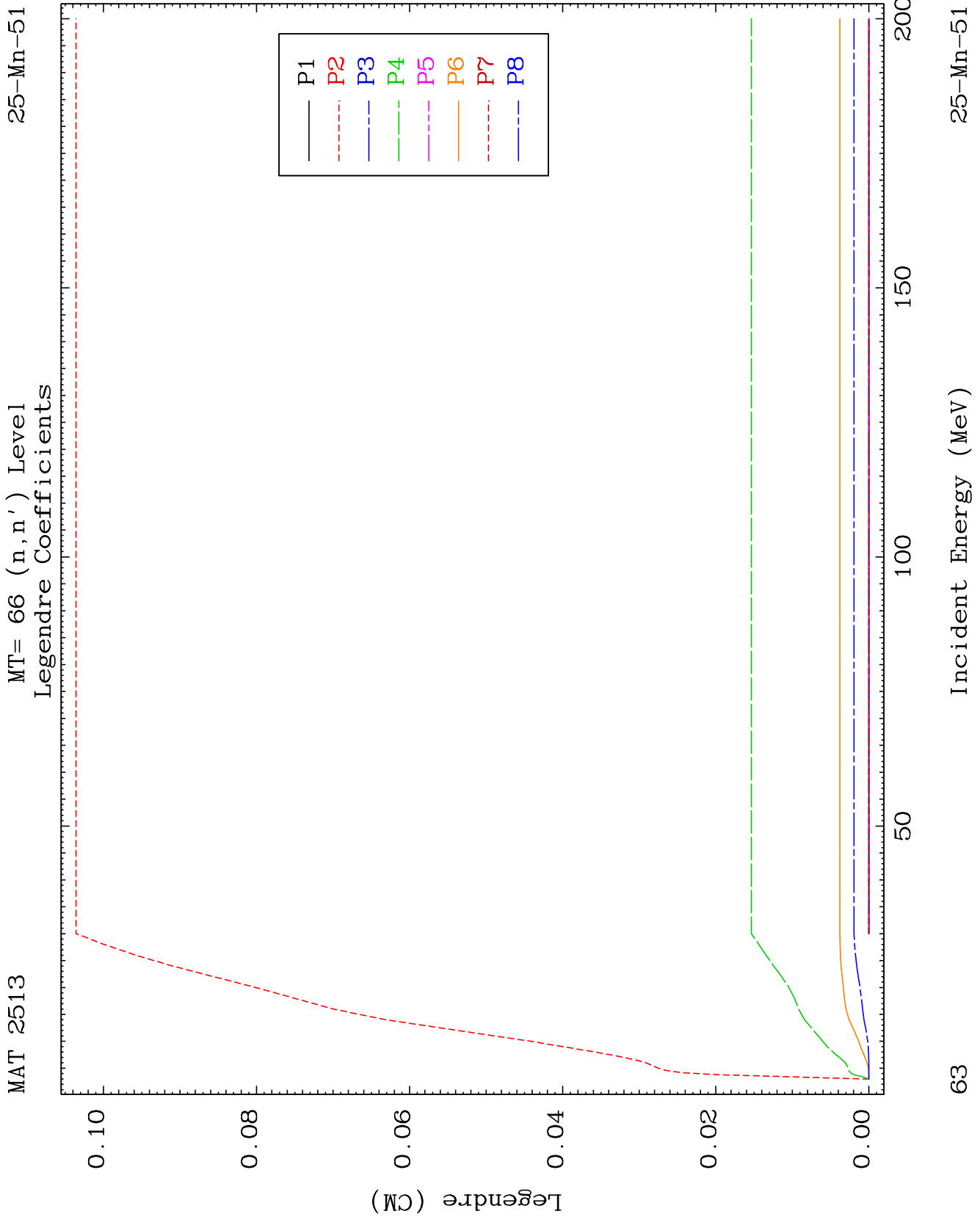
25-Mn-51



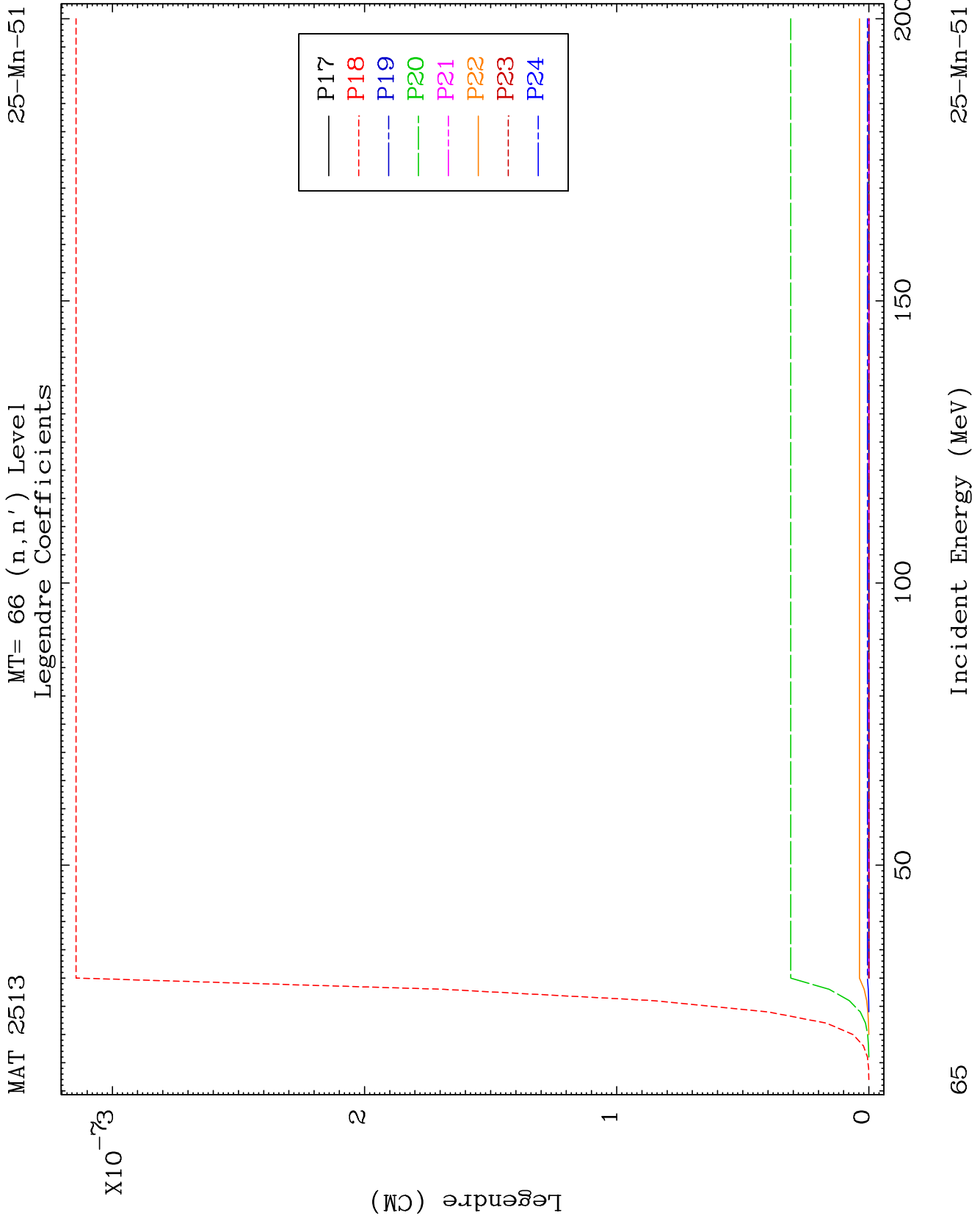
62

Incident Energy (MeV)

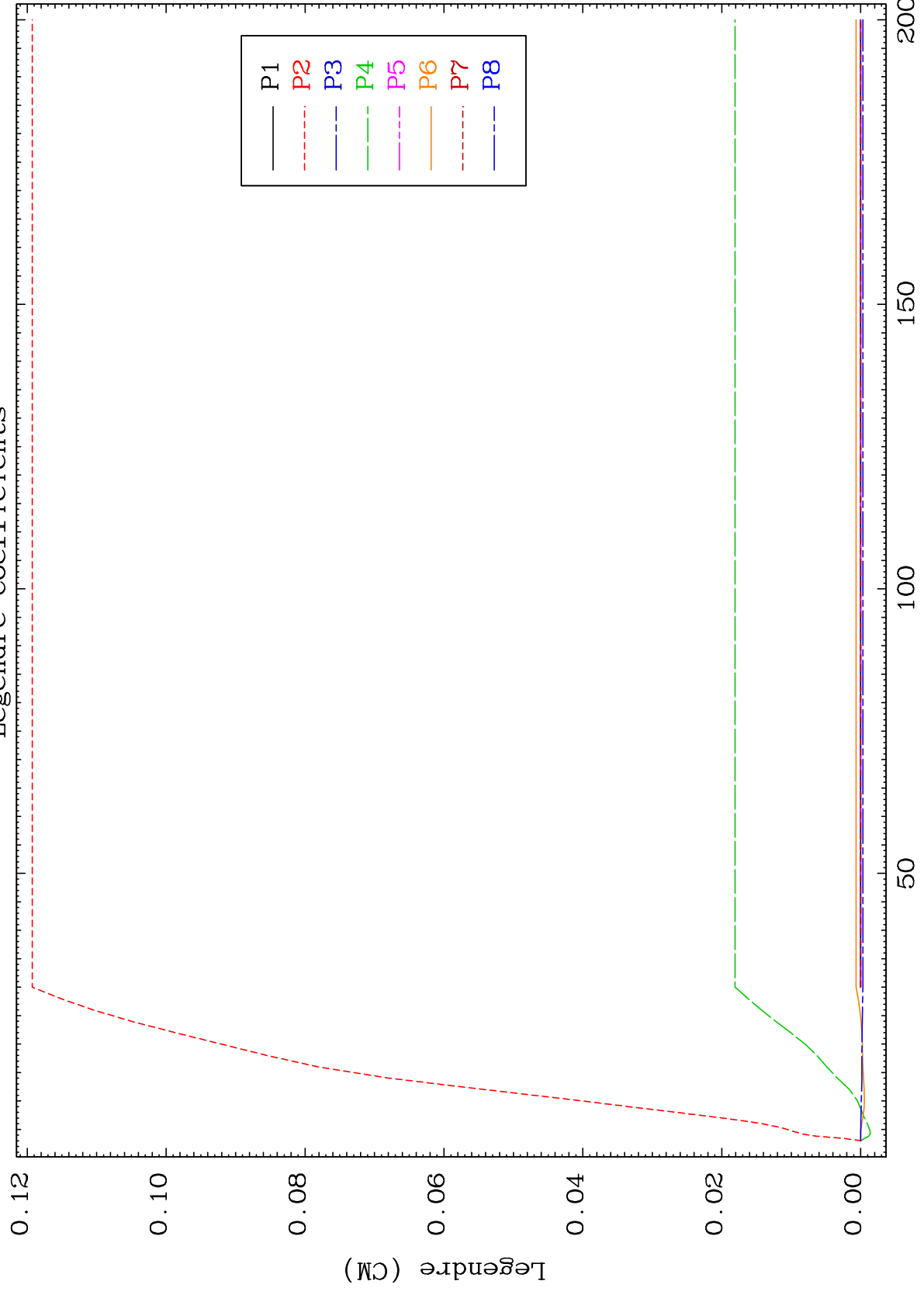
25-Mn-51







MAT 2513 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-51

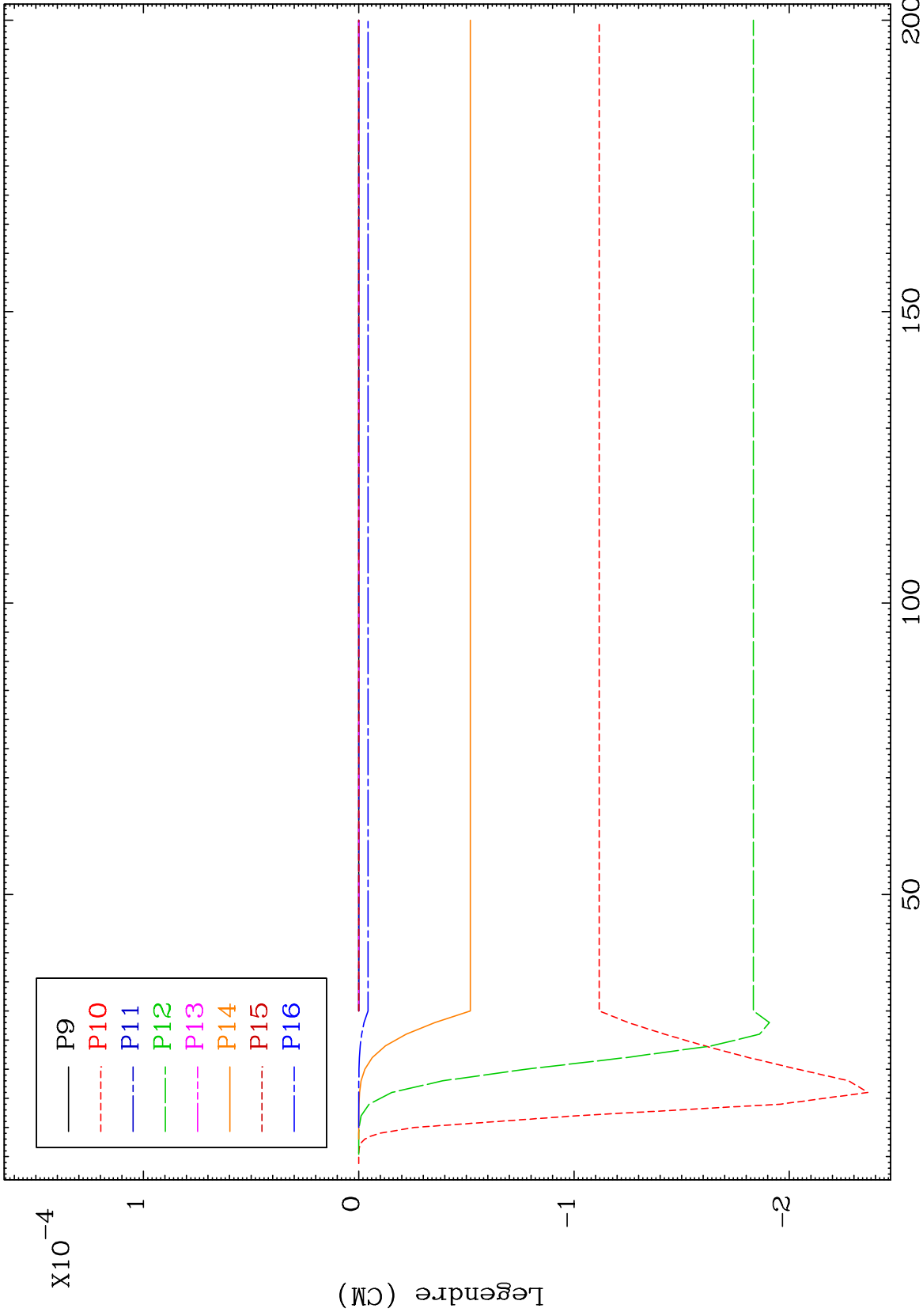


66 Incident Energy (MeV) 25-Mn-51

MAT 2513

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

25-Mn-51

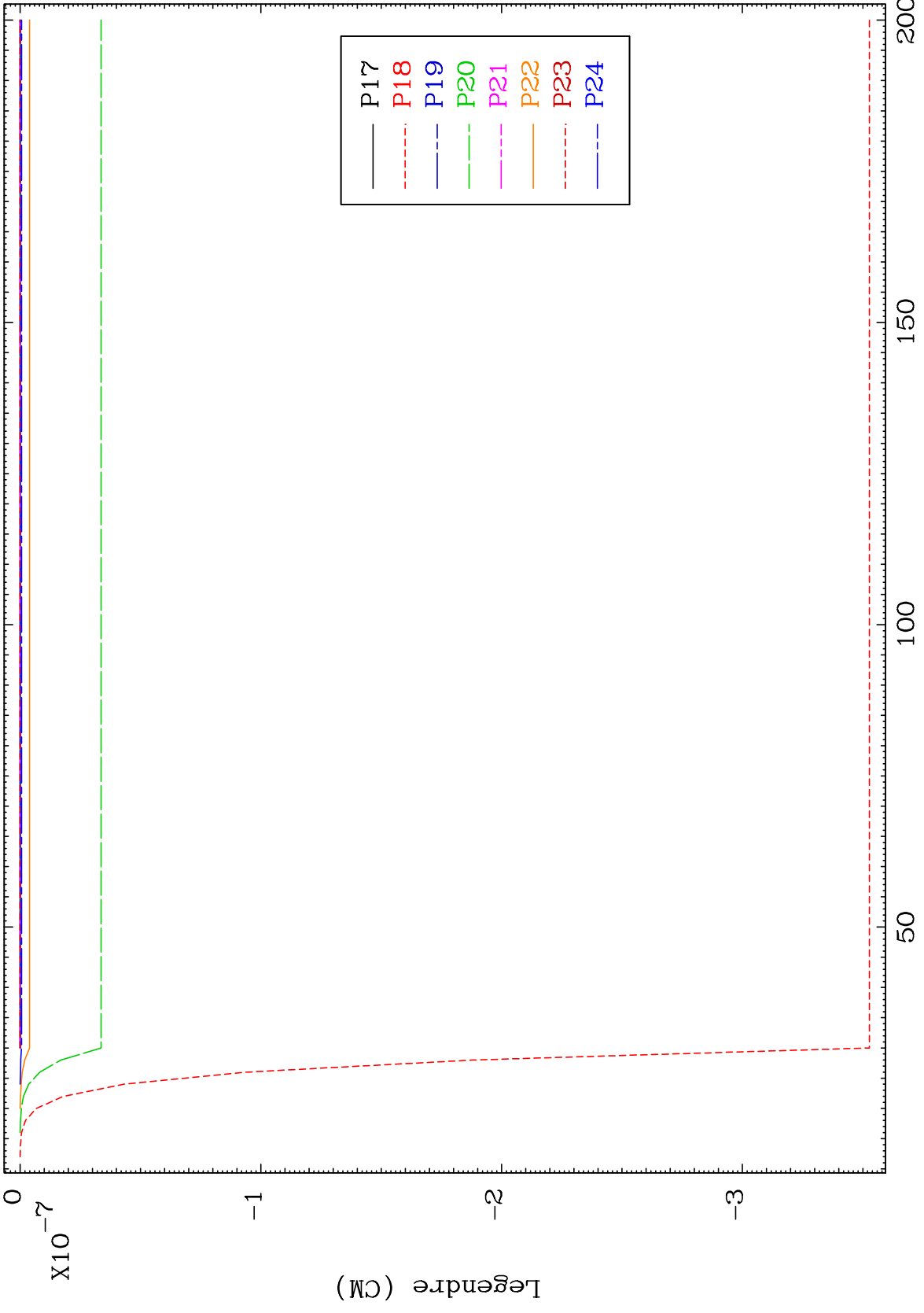


67

Incident Energy (MeV)

25-Mn-51

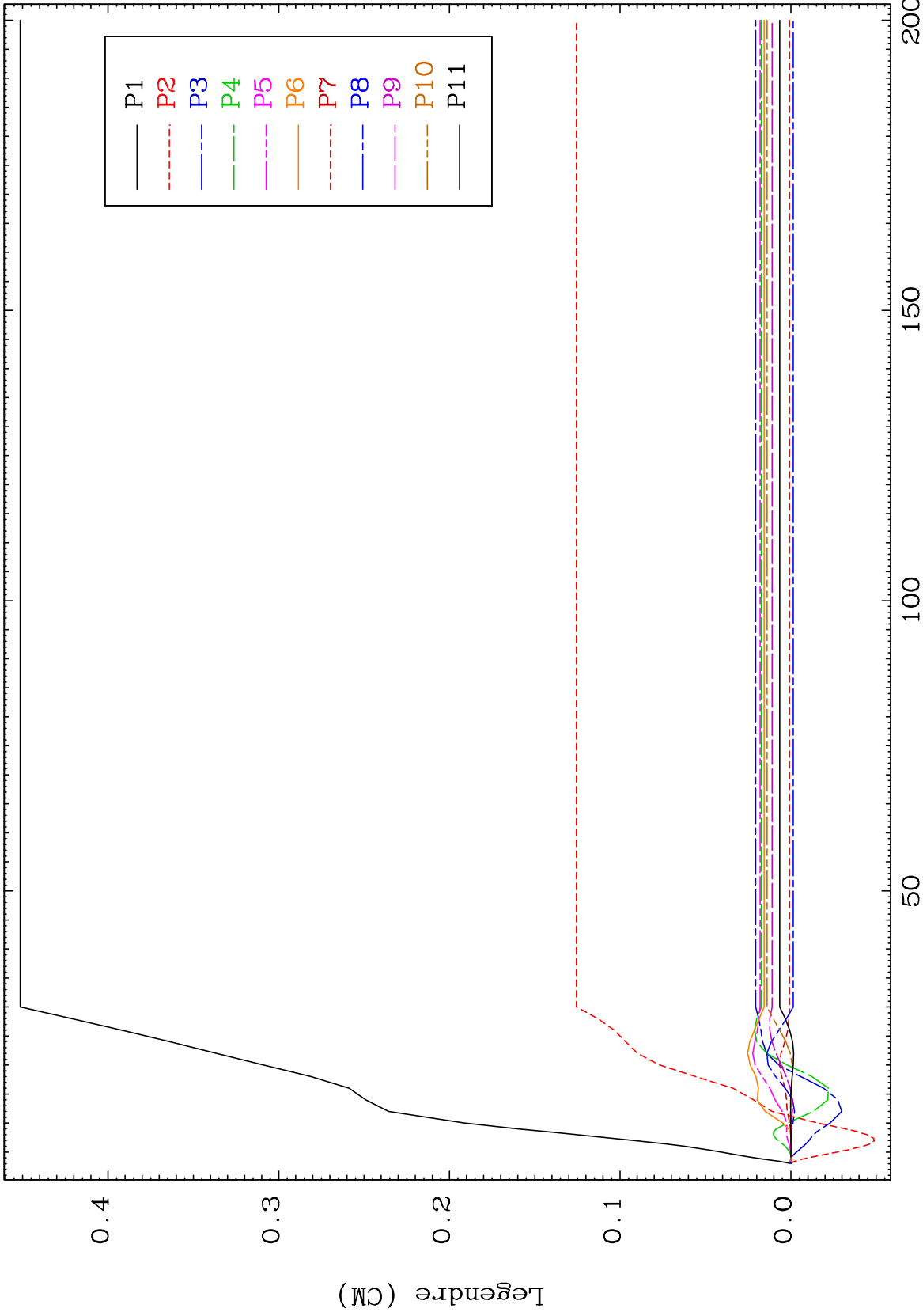
MAT 2513 MT= 67 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513

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

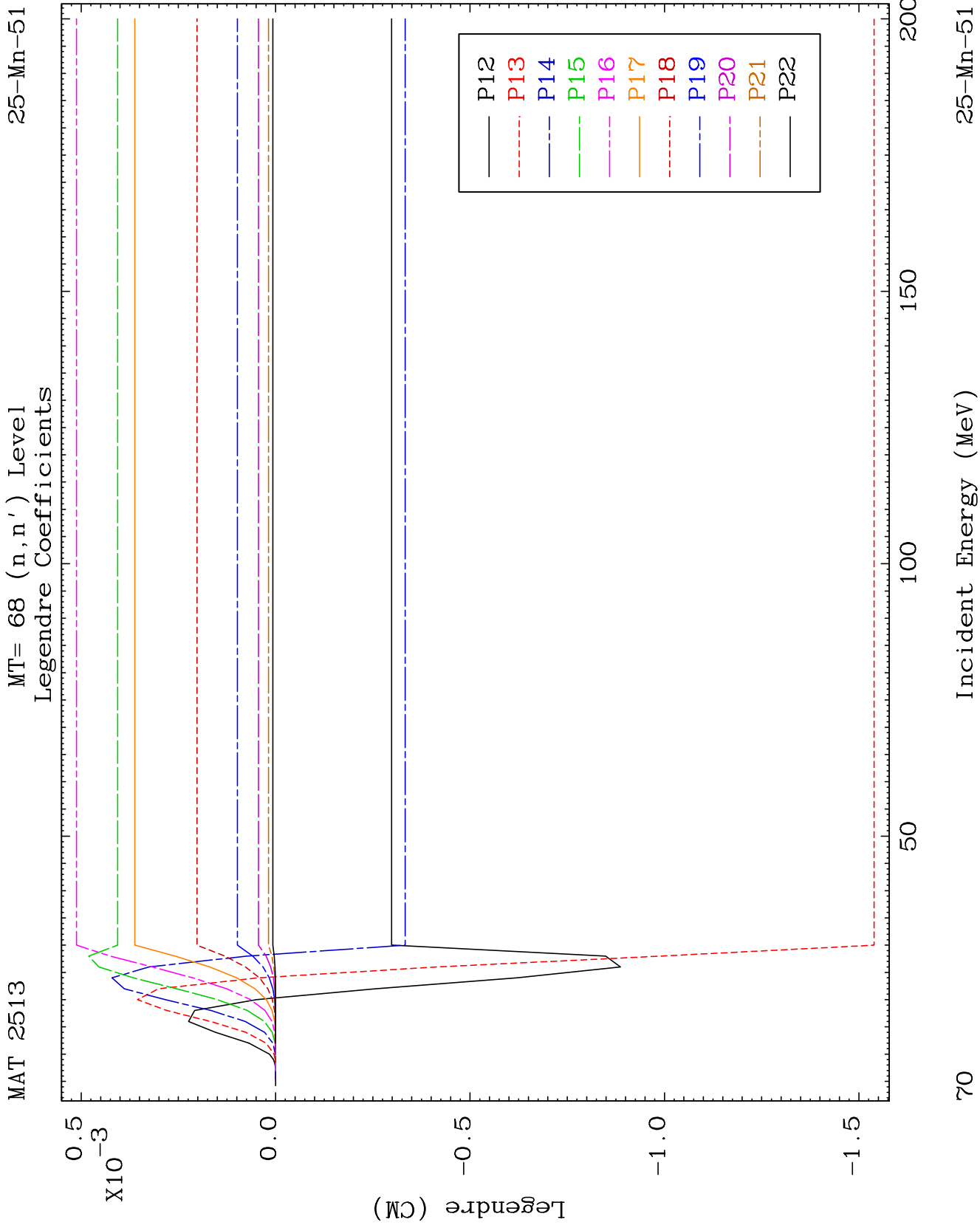
25-Mn-51



69

Incident Energy (MeV)

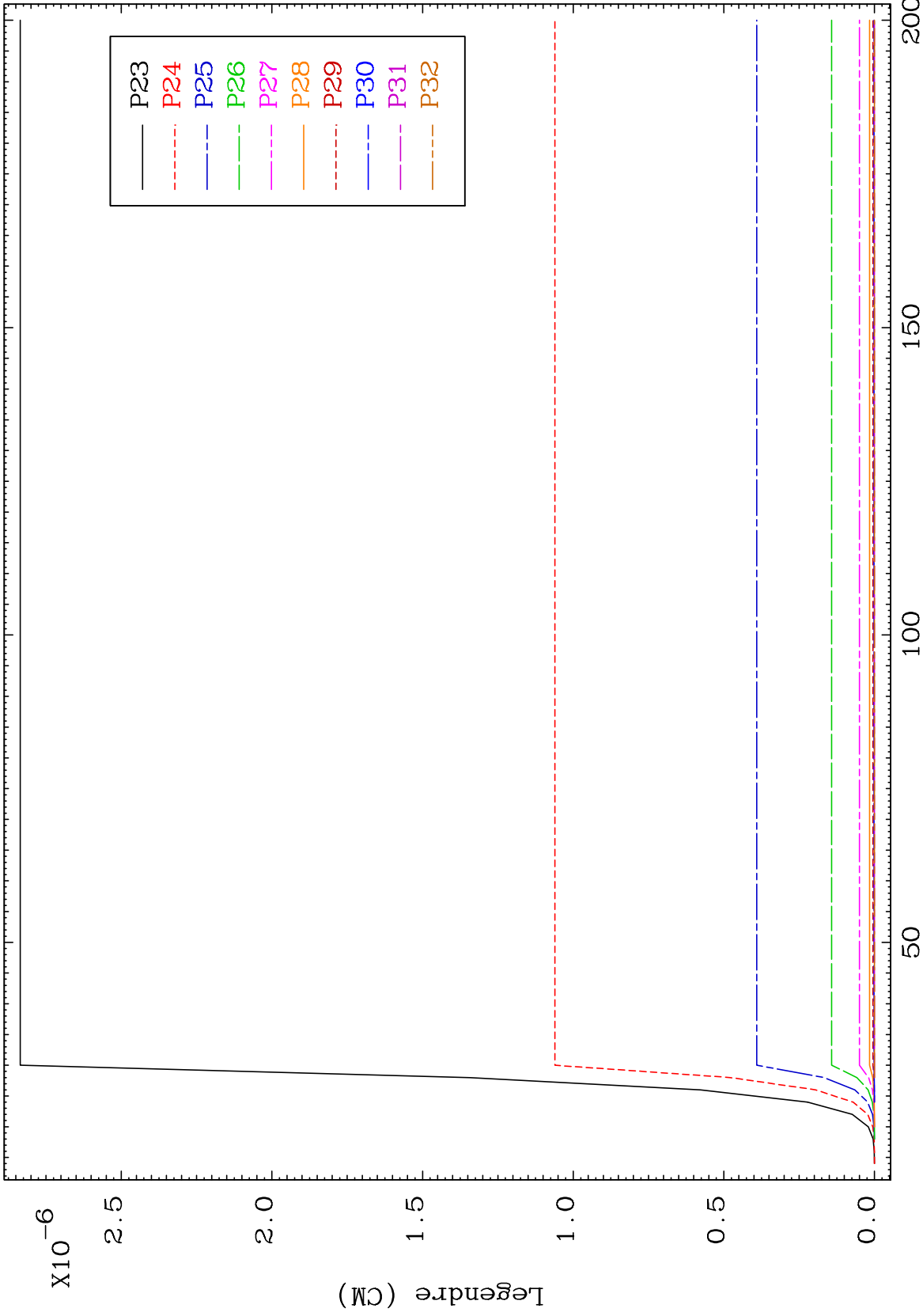
25-Mn-51



MAT 2513

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

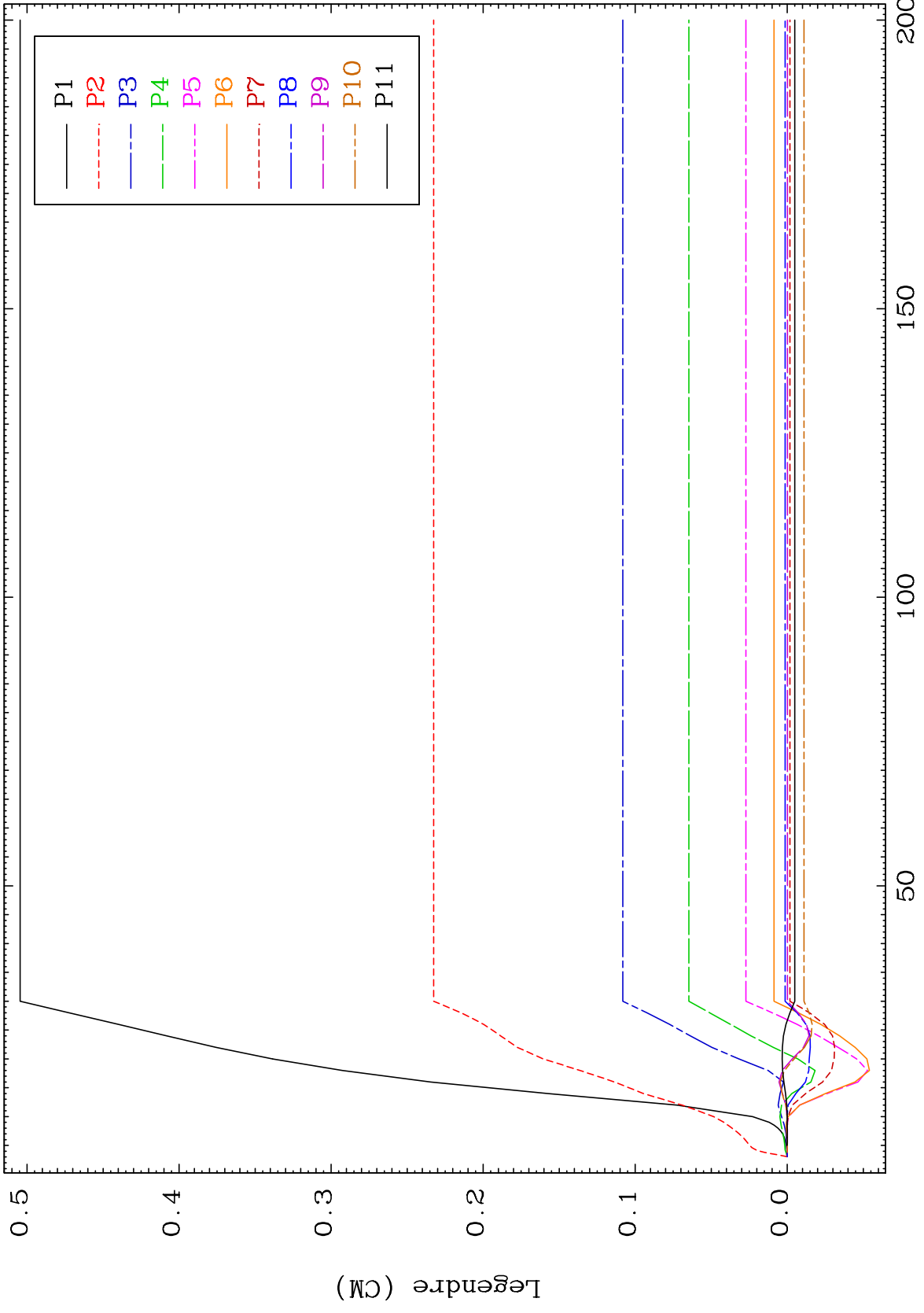
25-Mn-51



71

25-Mn-51

MAT 2513 MT= 69 (n,n') Level Legendre Coefficients 25-Mn-51

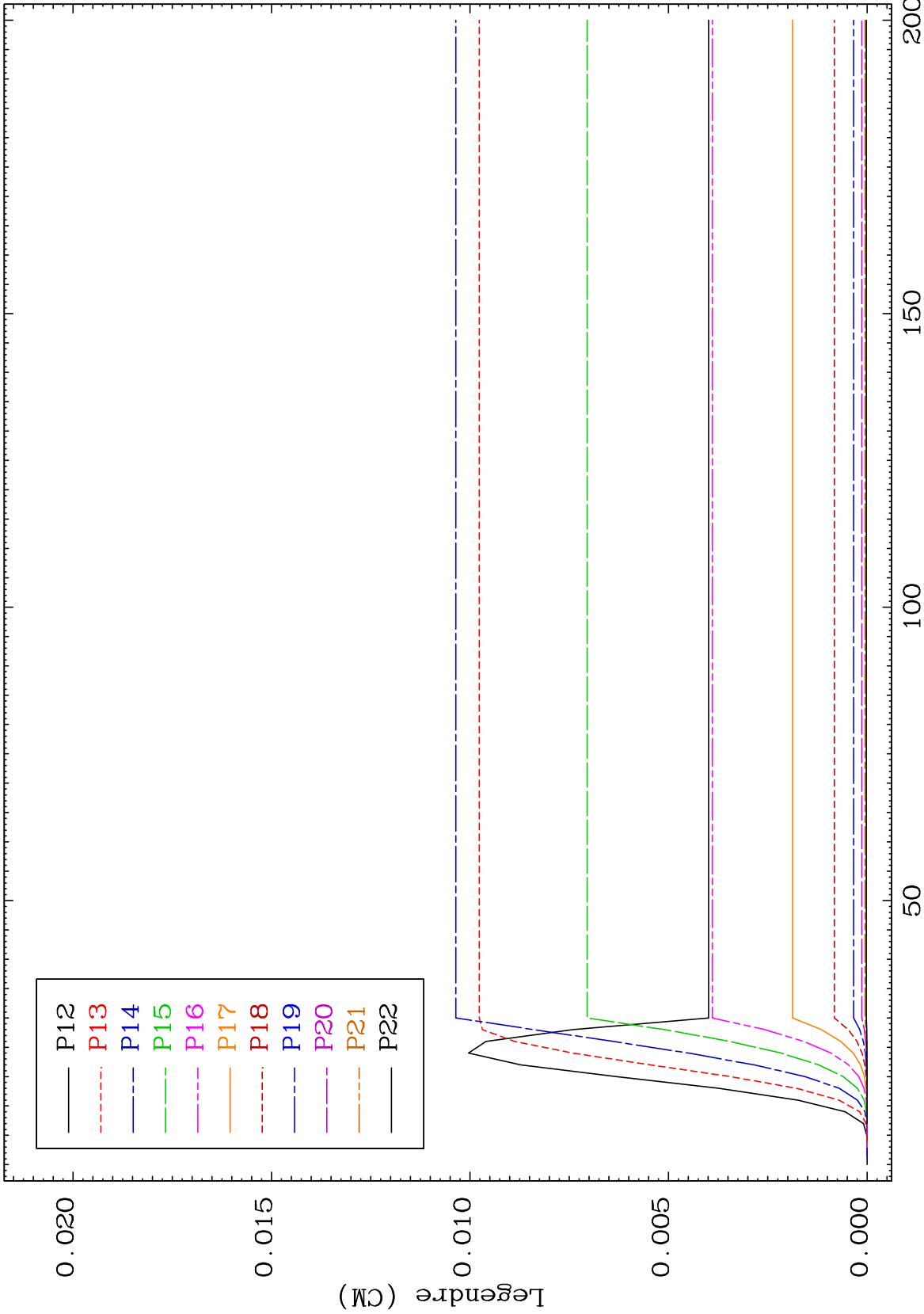


72 Incident Energy (MeV) 25-Mn-51

MAT 2513

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

25-Mn-51



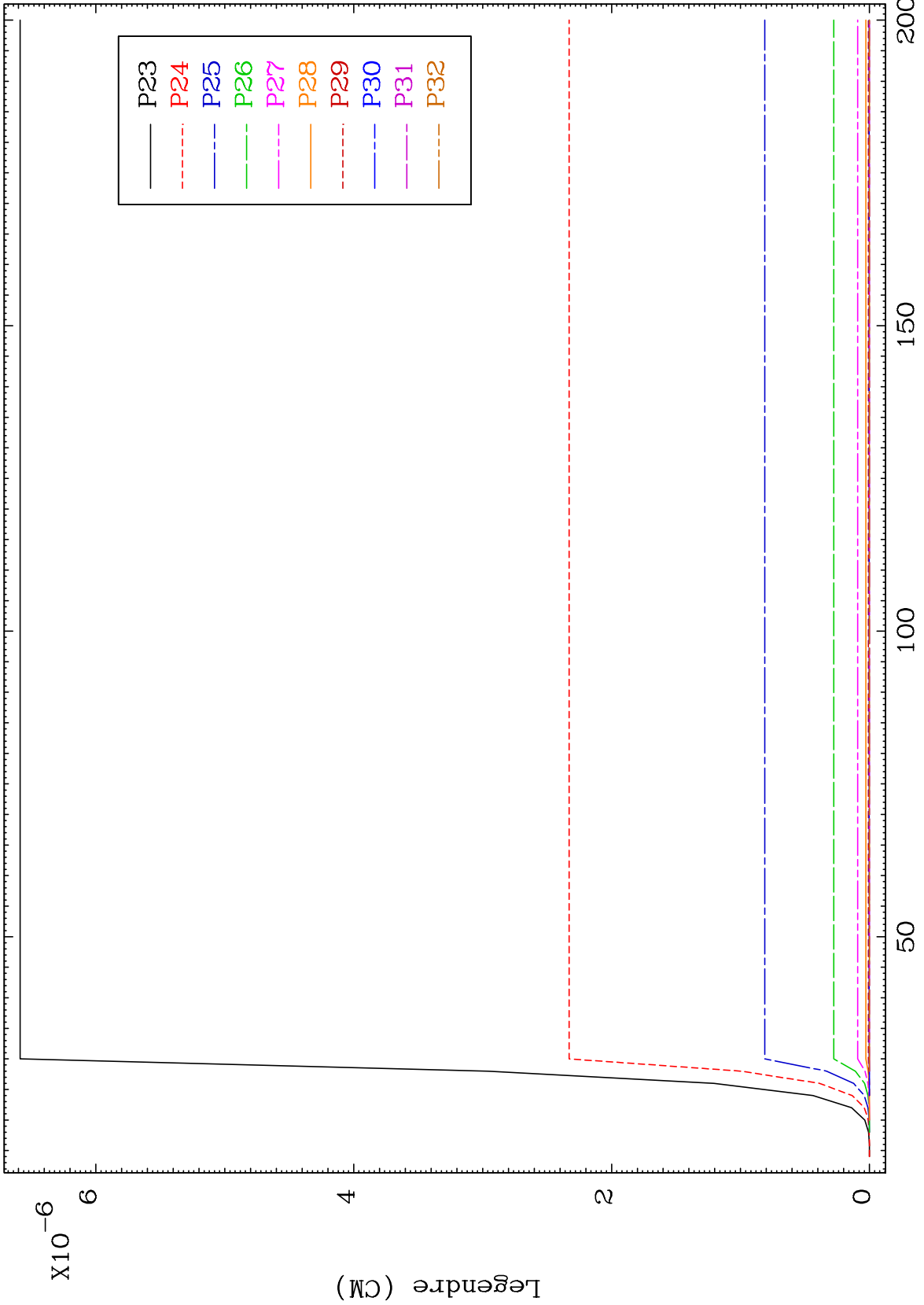
73

25-Mn-51

MAT 2513

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

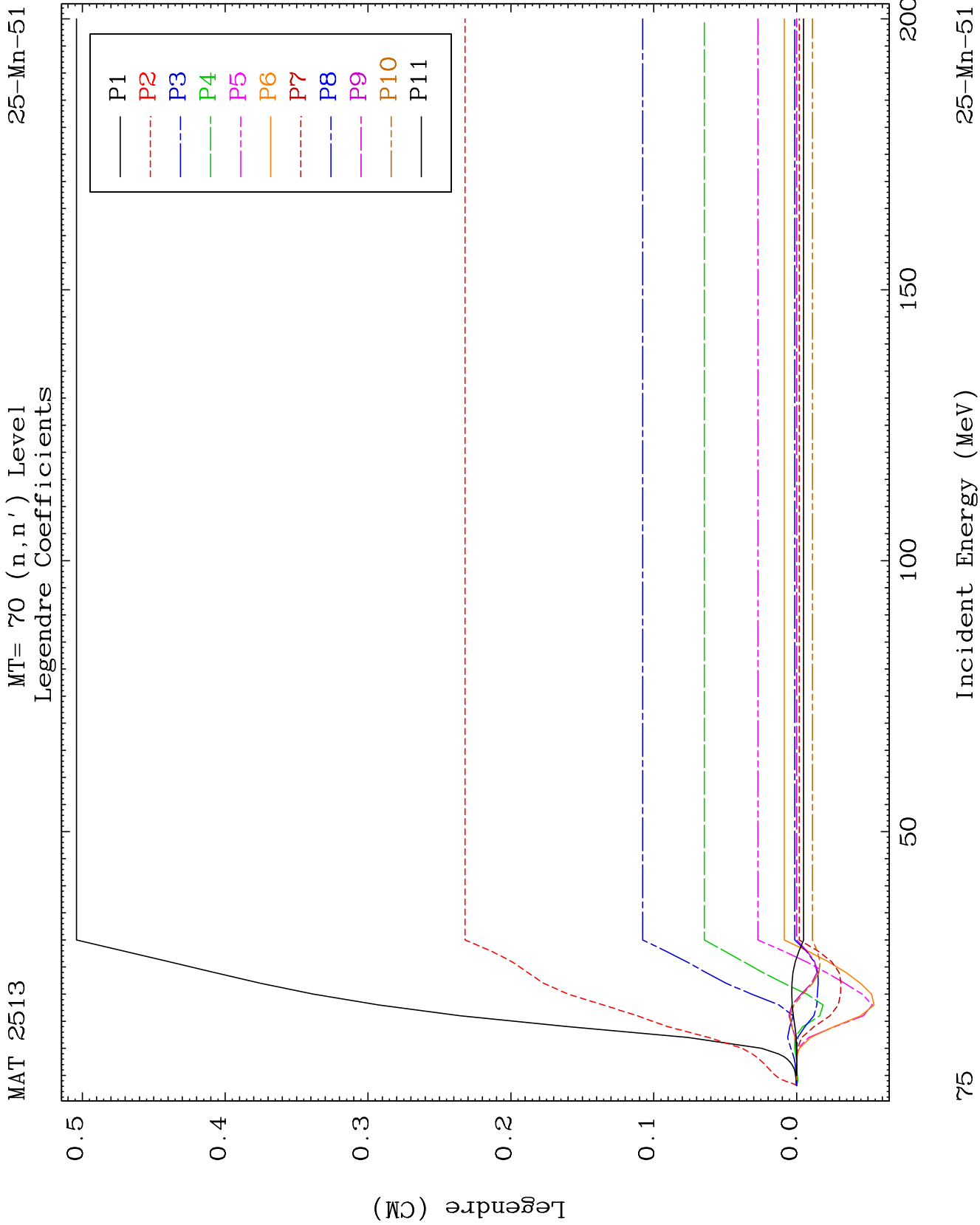
25-Mn-51



74

Incident Energy (MeV)

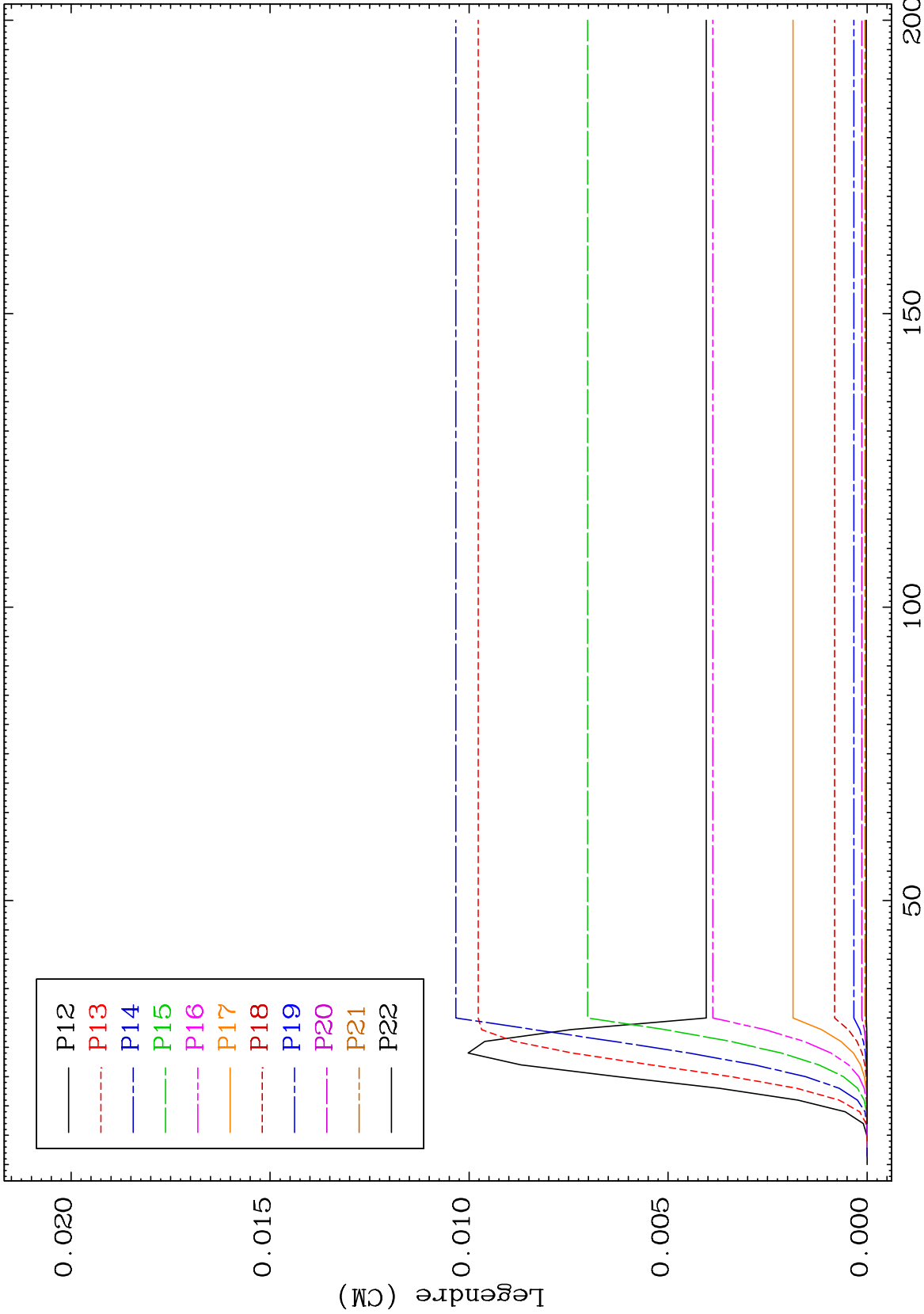
25-Mn-51



MAT 2513

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

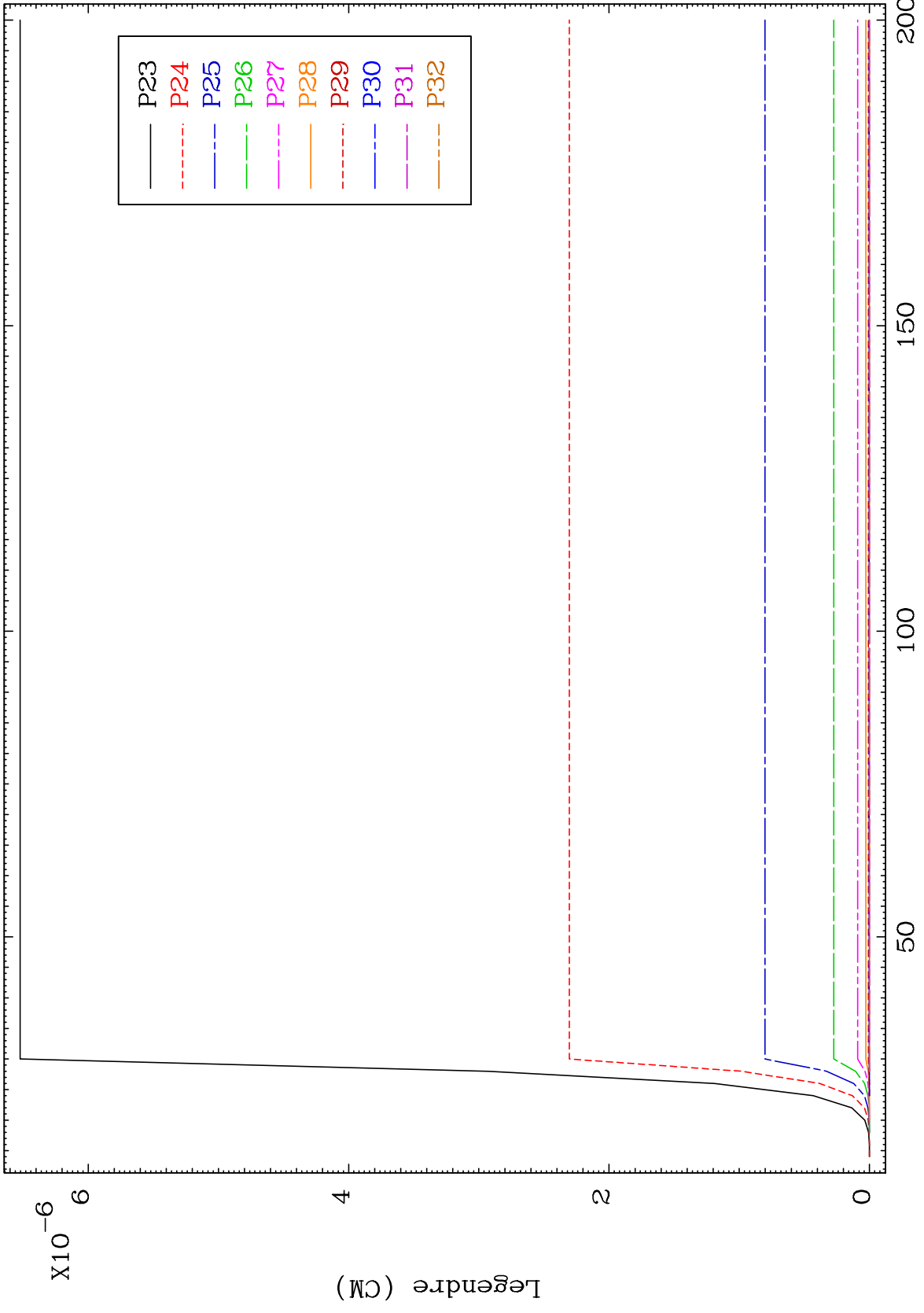
25-Mn-51



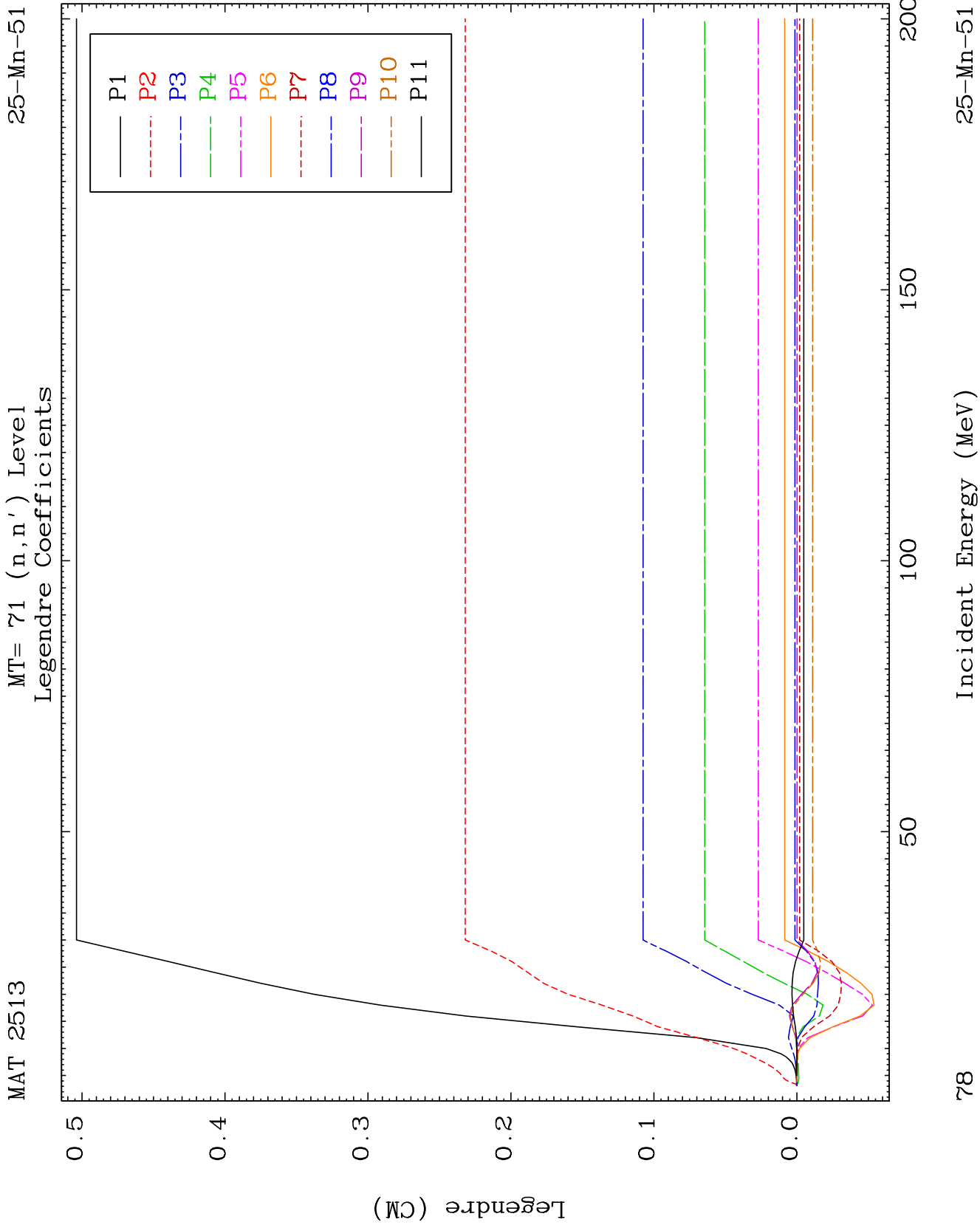
76

25-Mn-51

MAT 2513 MT= 70 (n,n') Level Legendre Coefficients 25-Mn-51



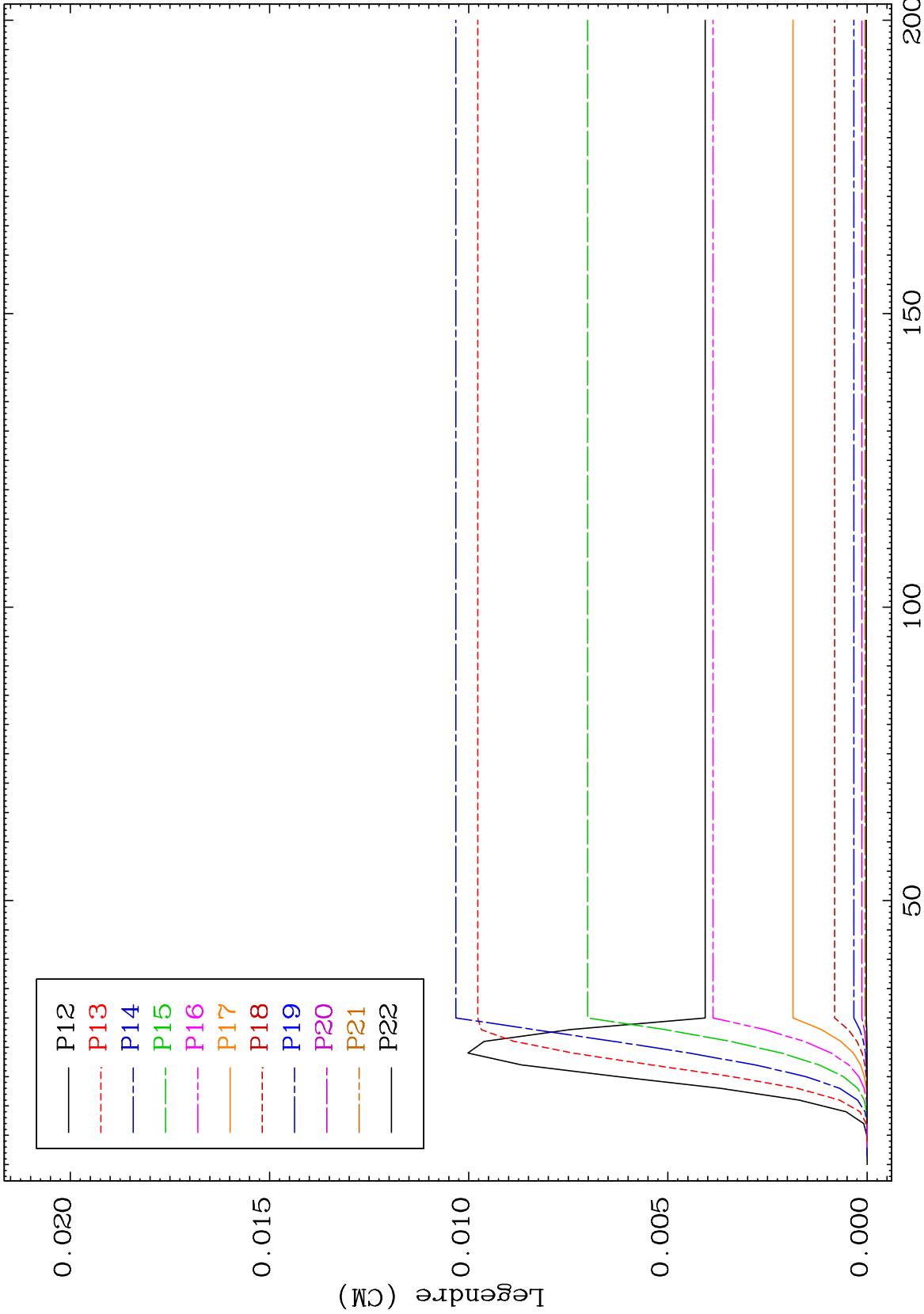
77 25-Mn-51



MAT 2513

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

25-Mn-51



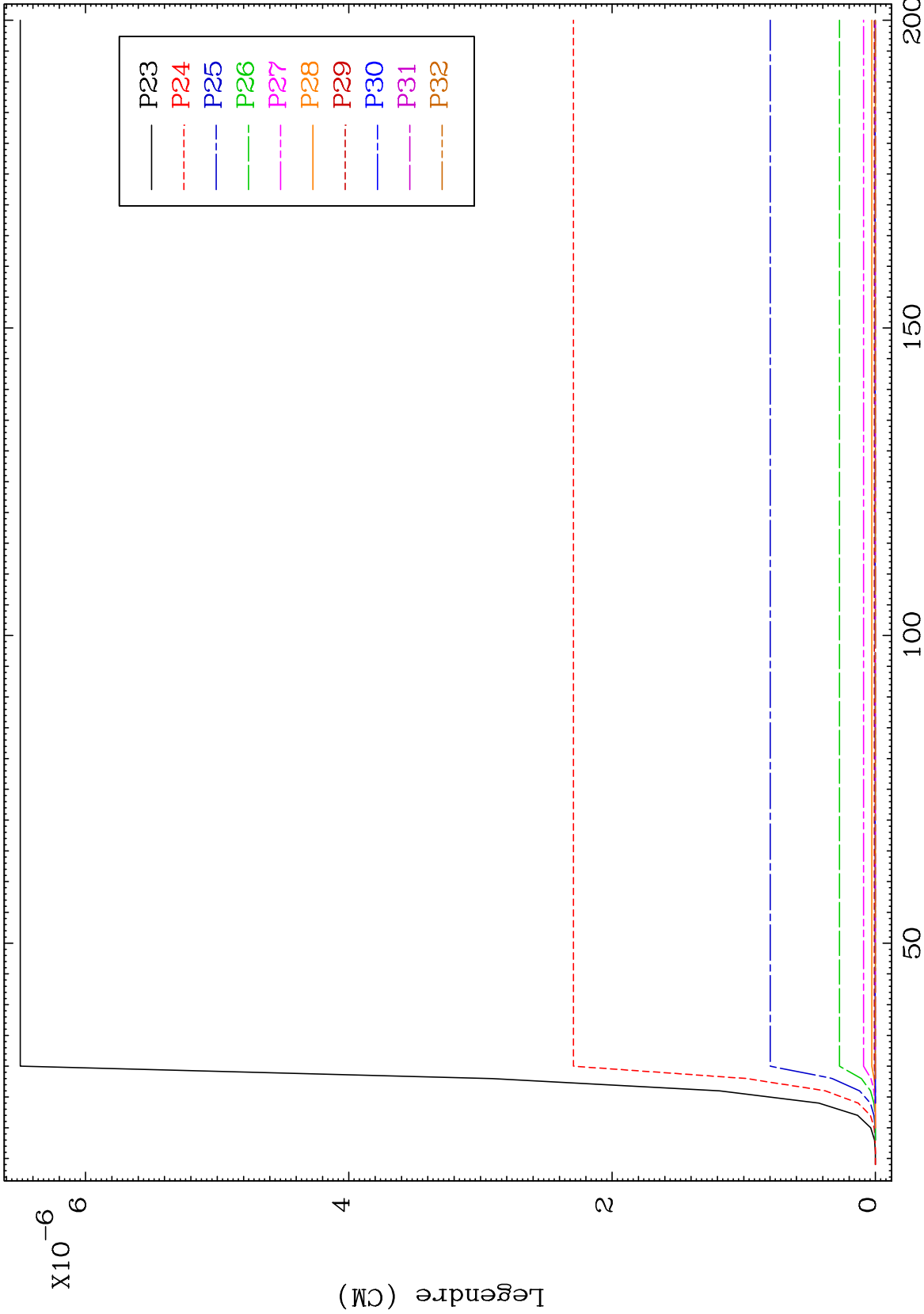
79

25-Mn-51

MAT 2513

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

25-Mn-51



80

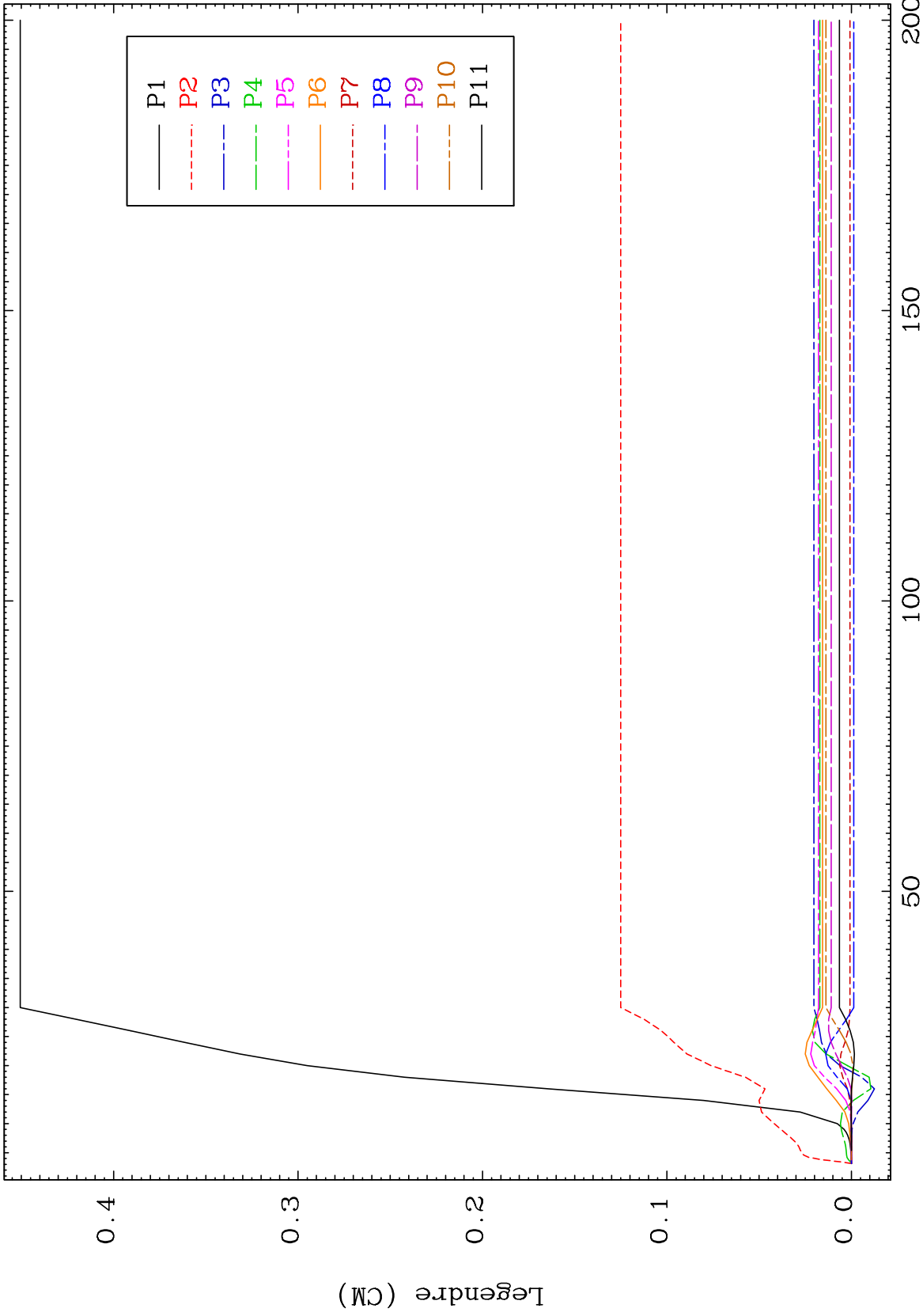
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51

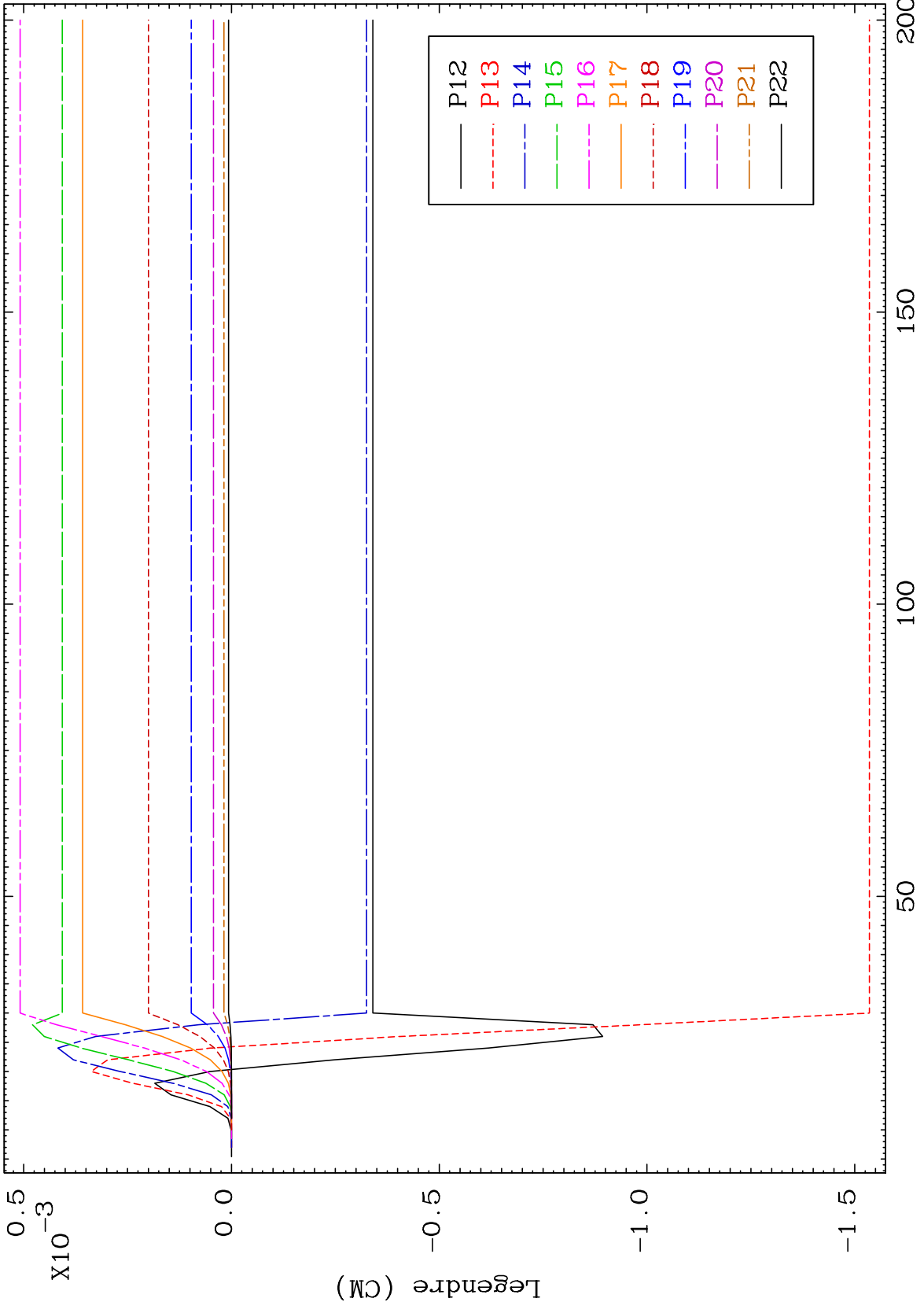


81

Incident Energy (MeV)

25-Mn-51

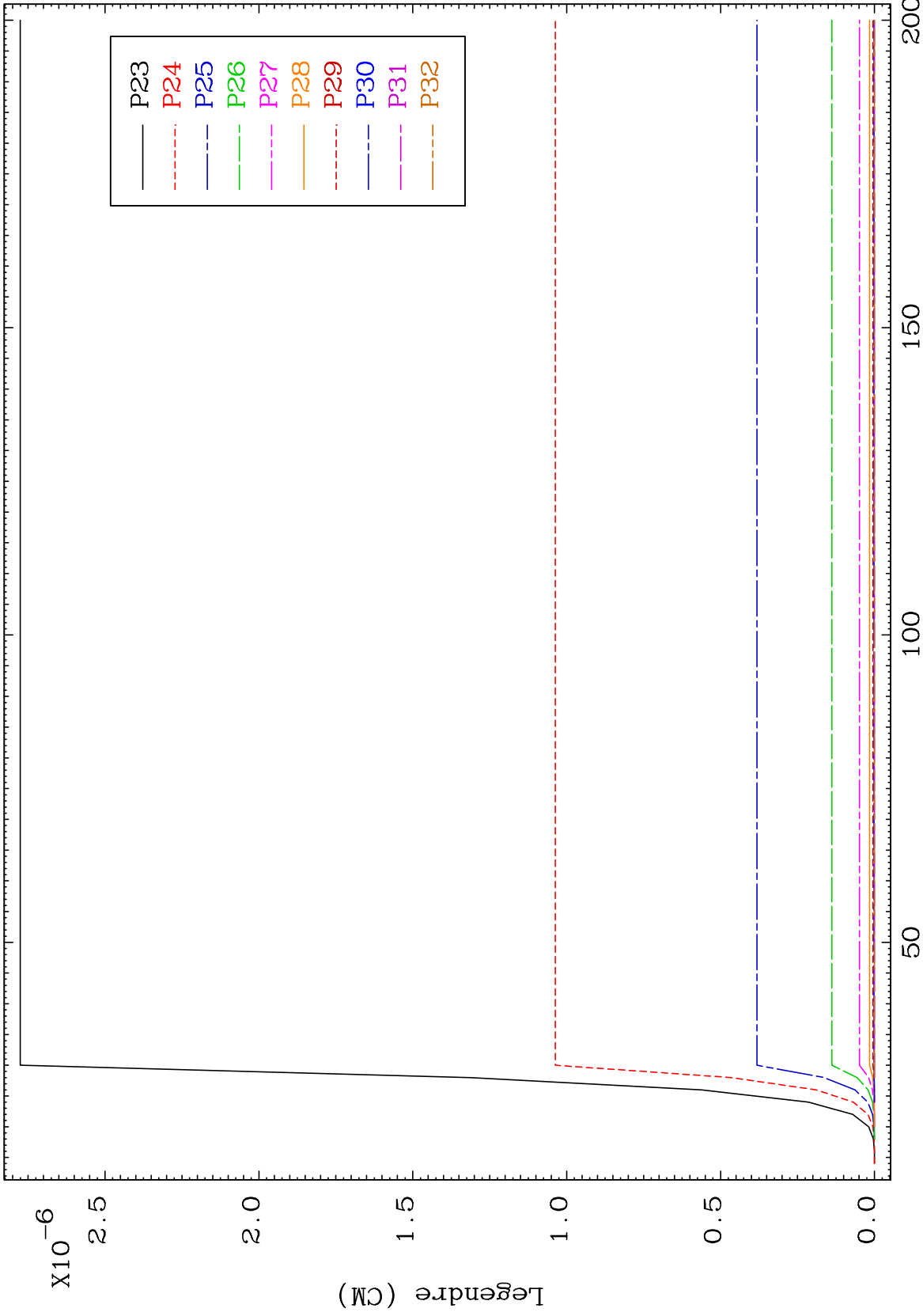
MAT 2513 MT= 72 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513

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

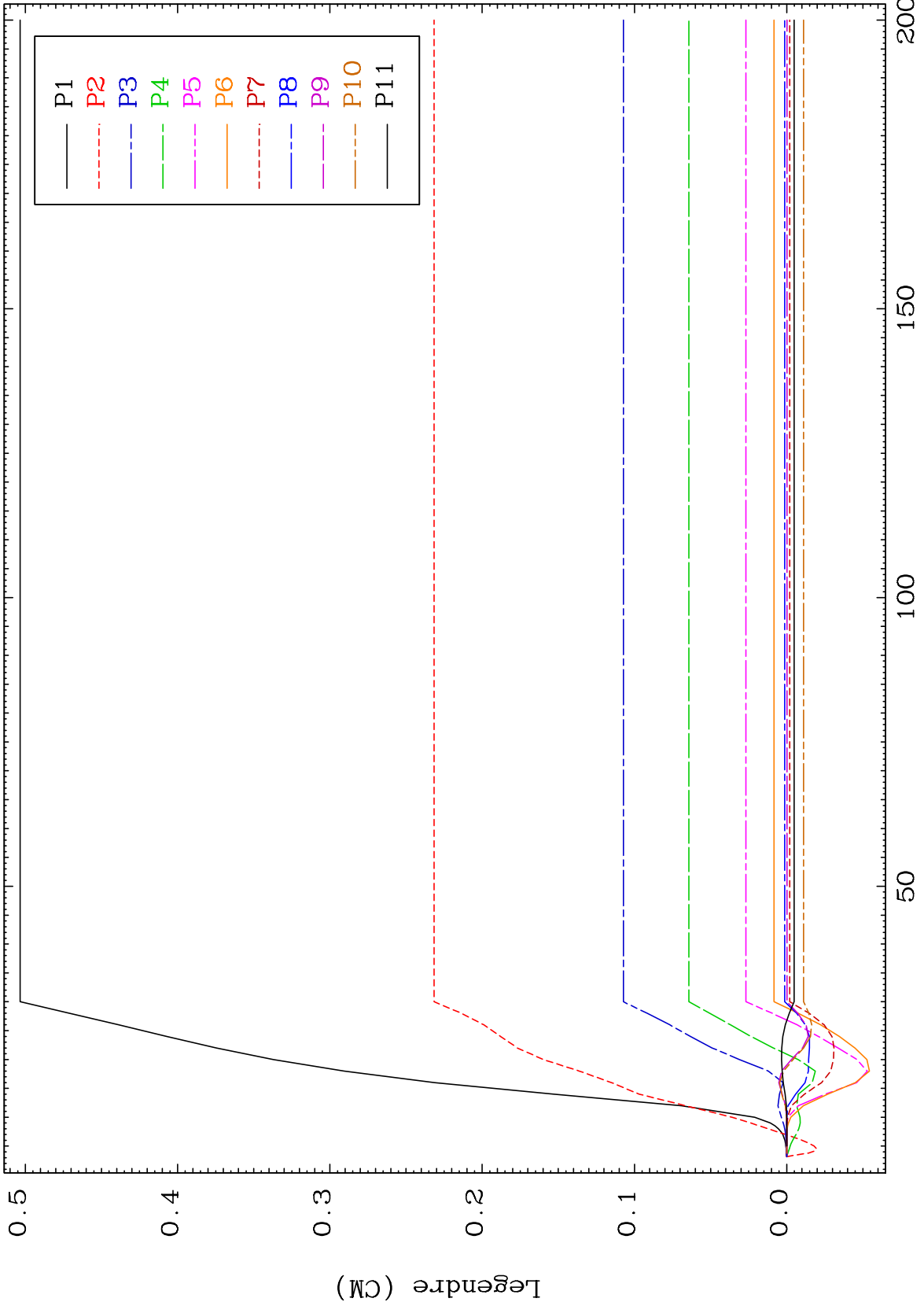
25-Mn-51



83

25-Mn-51

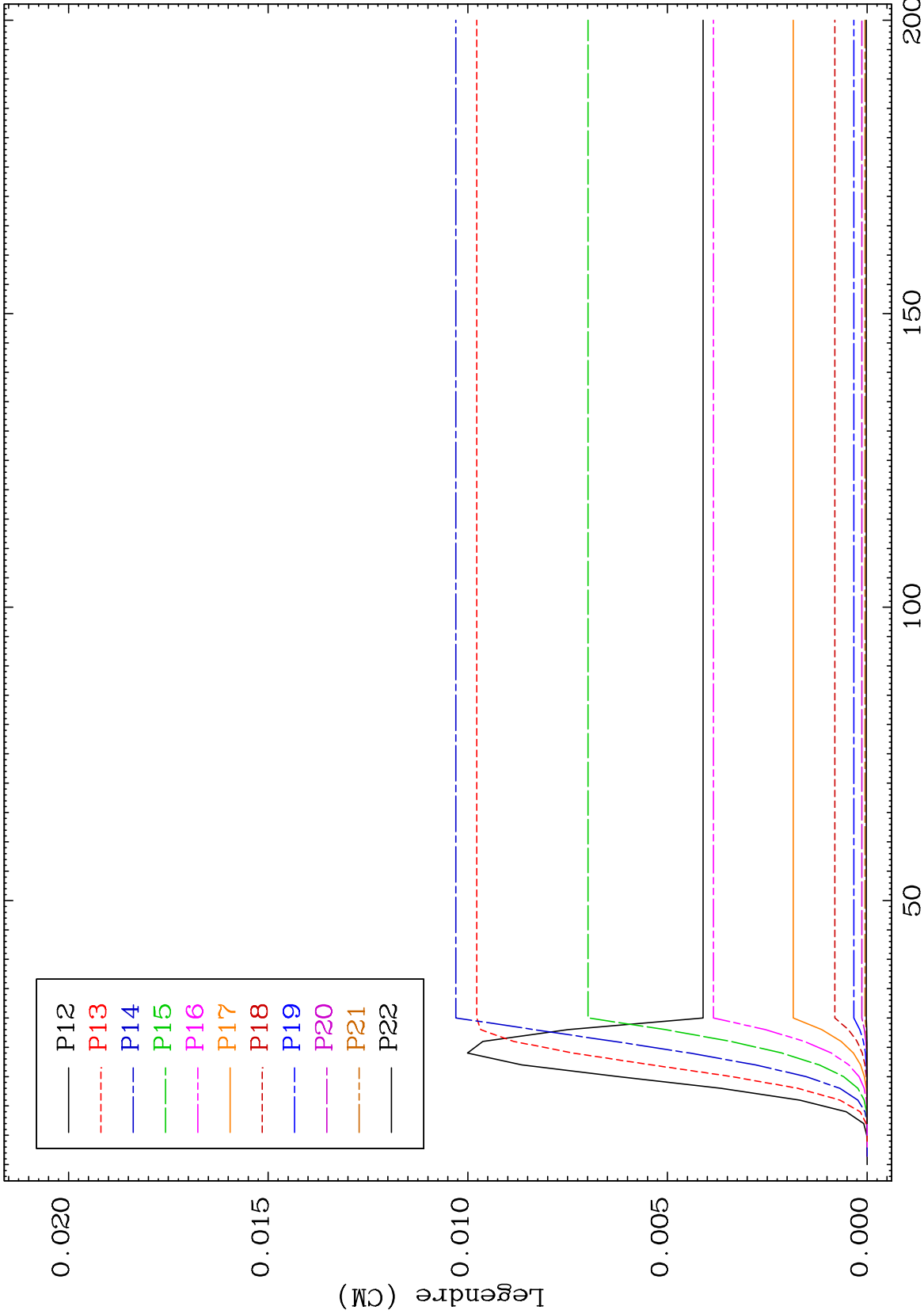
MAT 2513 MT= 73 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513

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

25-Mn-51



85

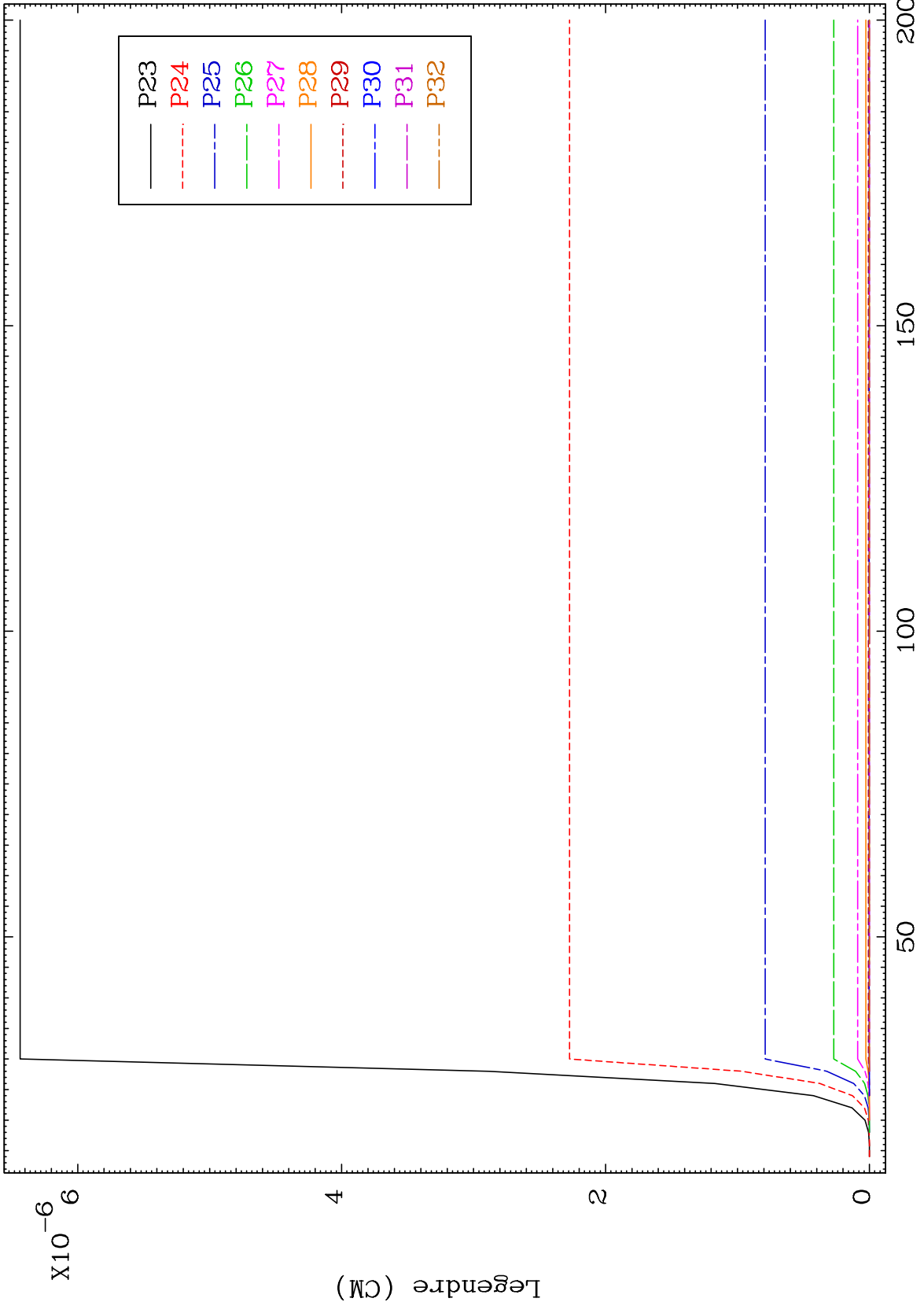
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



86

Incident Energy (MeV)

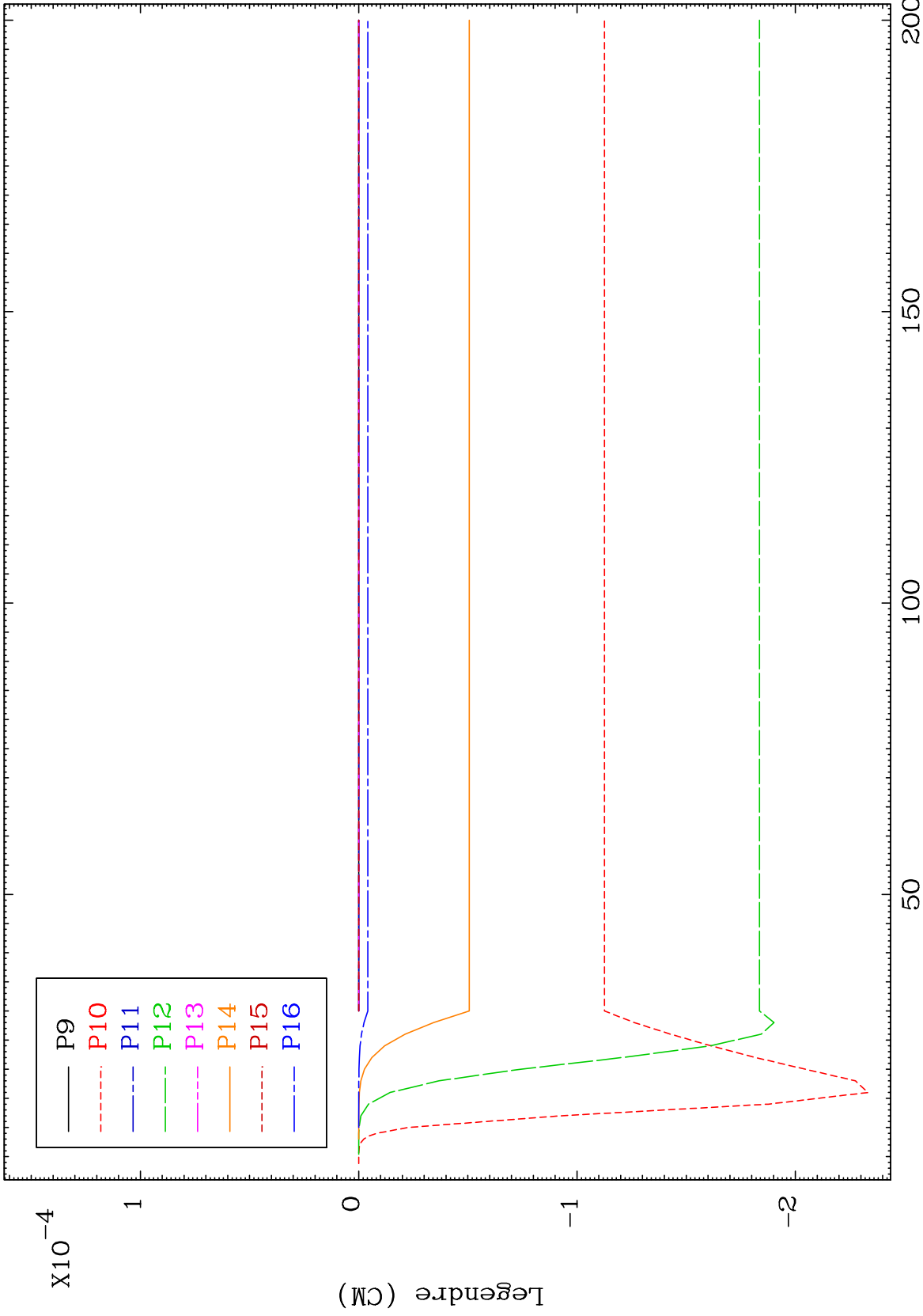
25-Mn-51



MAT 2513

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

25-Mn-51

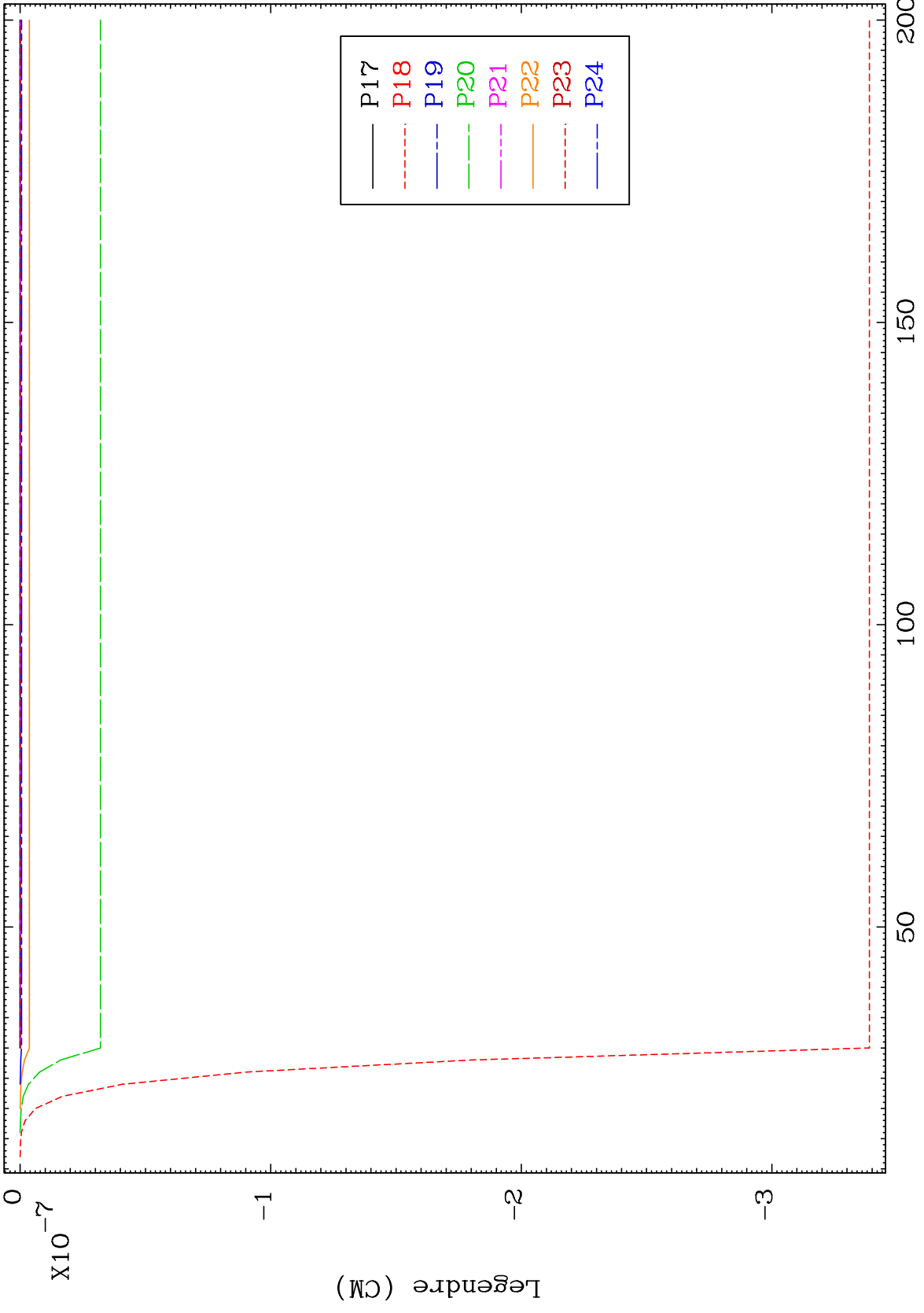


88

Incident Energy (MeV)

25-Mn-51

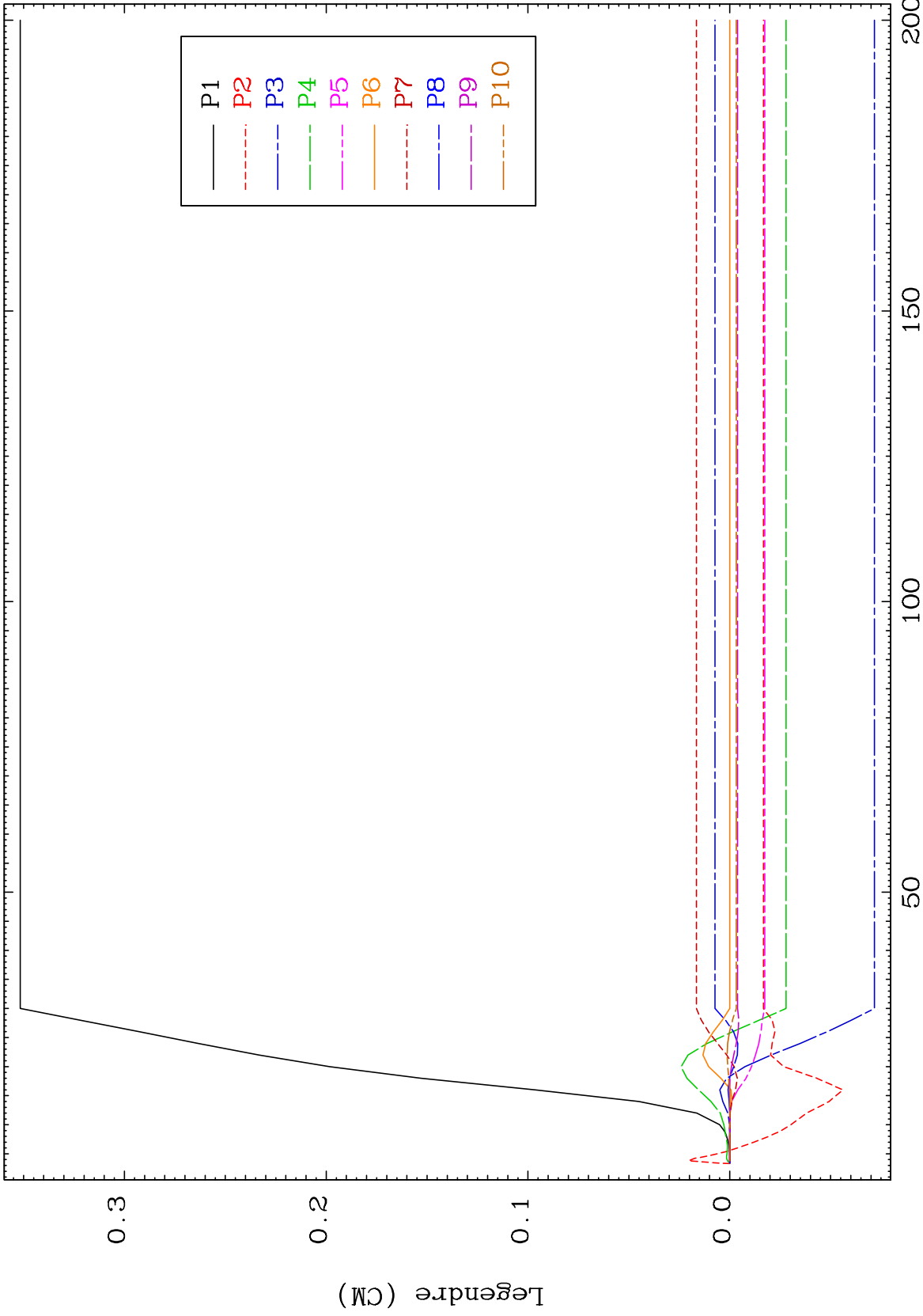
MAT 2513 MT= 74 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513

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

25-Mn-51



90

Incident Energy (MeV)

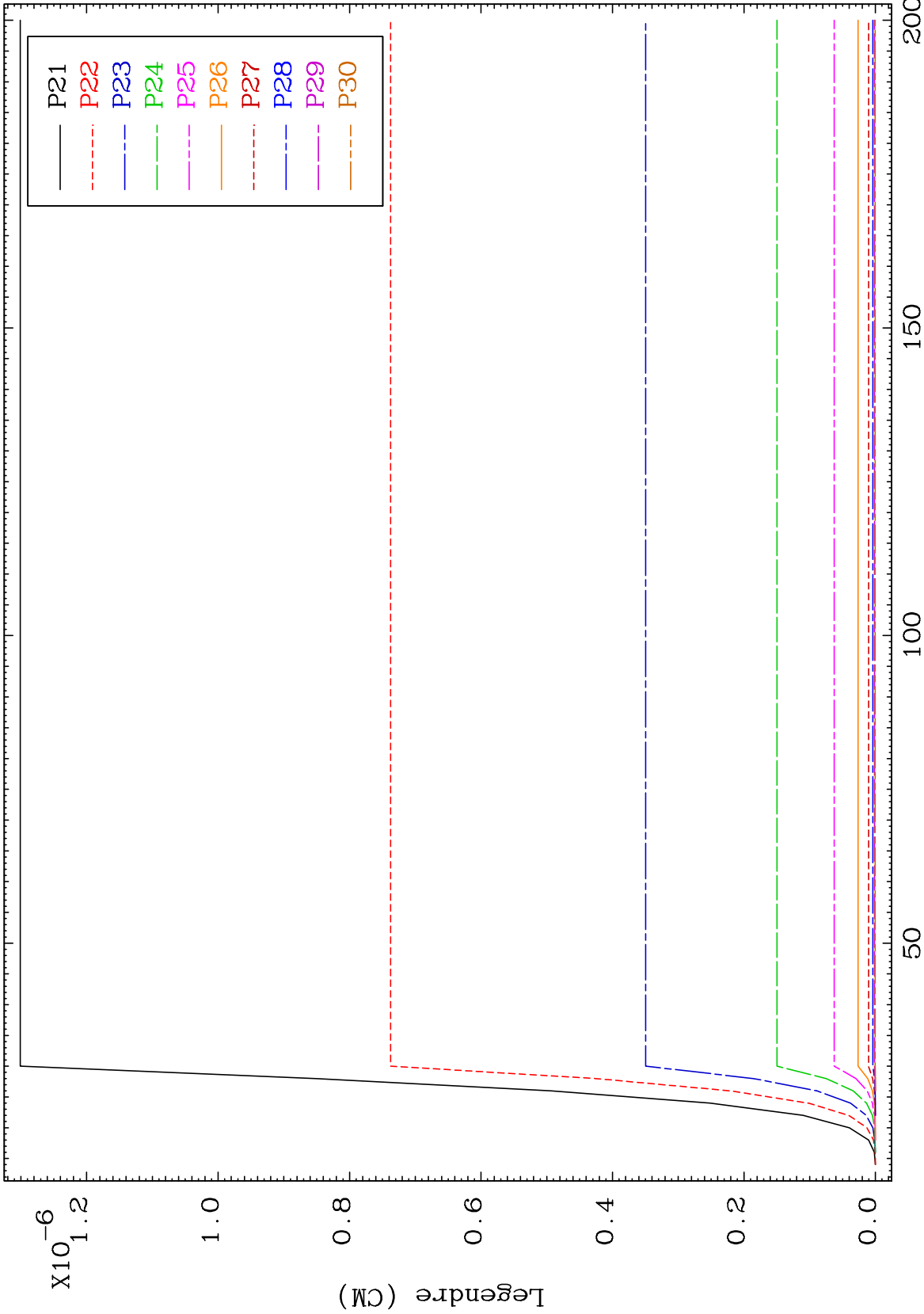
25-Mn-51



MAT 2513

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

25-Mn-51

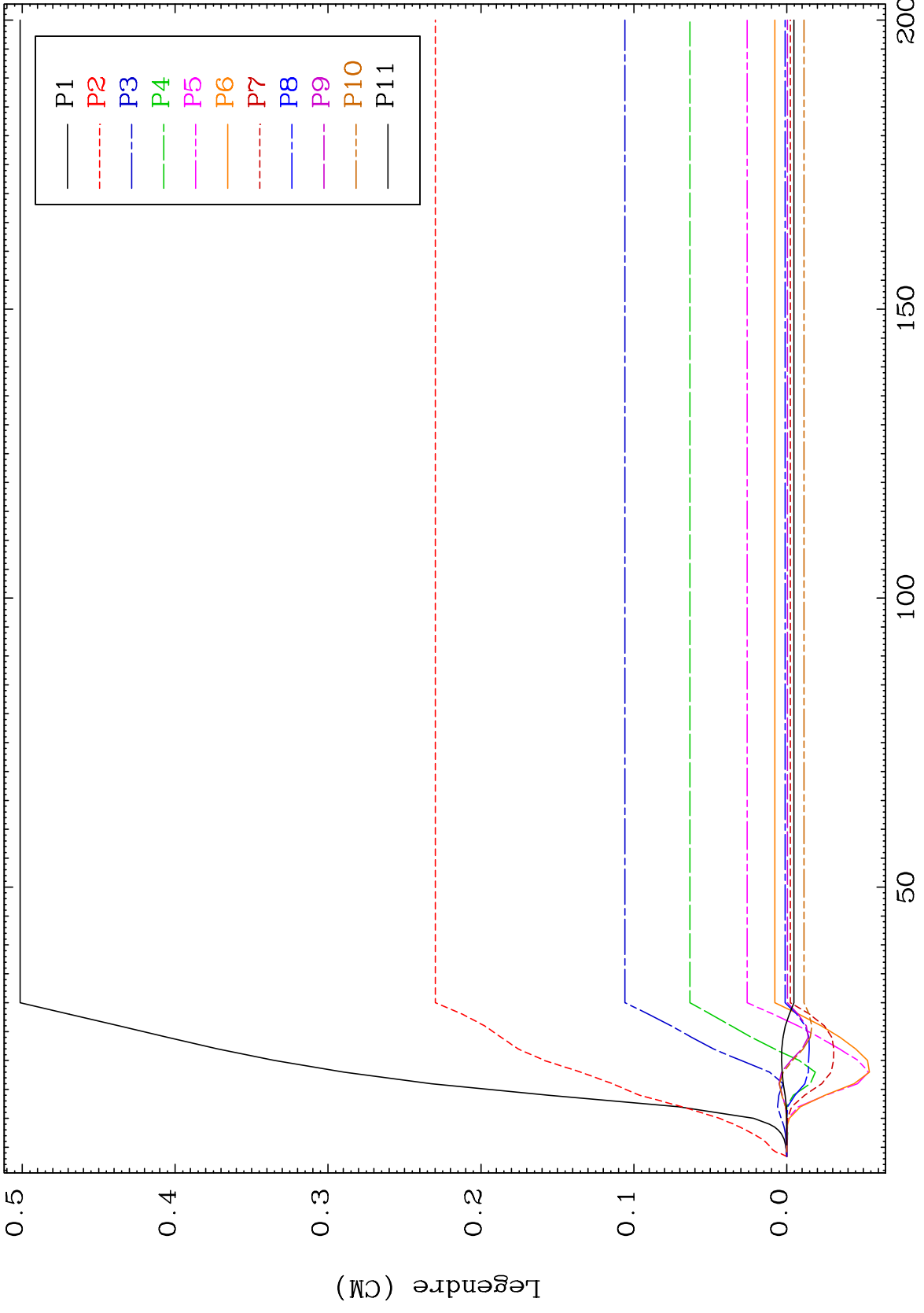


92

Incident Energy (MeV)

25-Mn-51

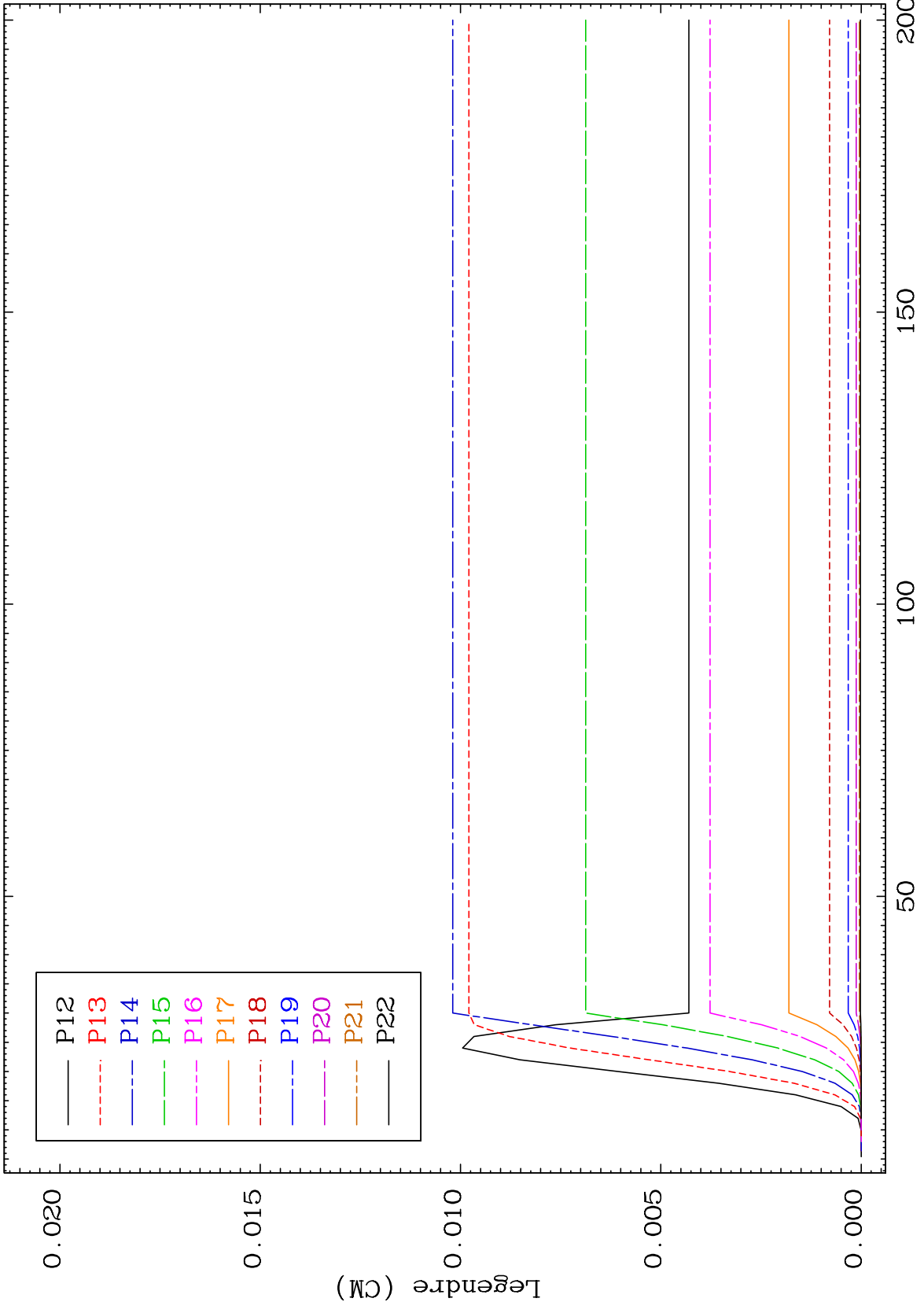
MAT 2513 MT= 76 (n,n') Level Legendre Coefficients 25-Mn-51



MAT 2513

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

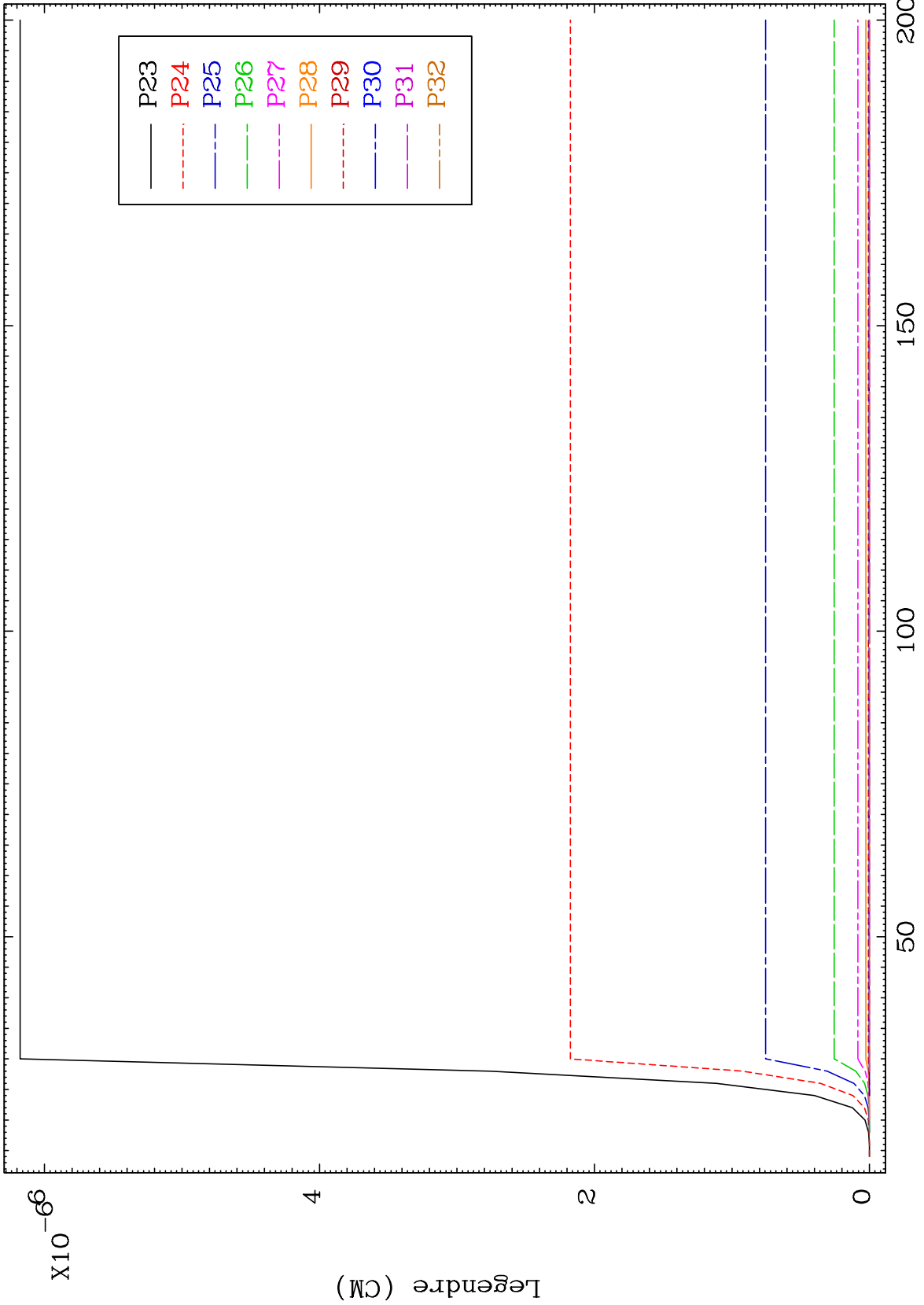
25-Mn-51



MAT 2513

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

25-Mn-51



95

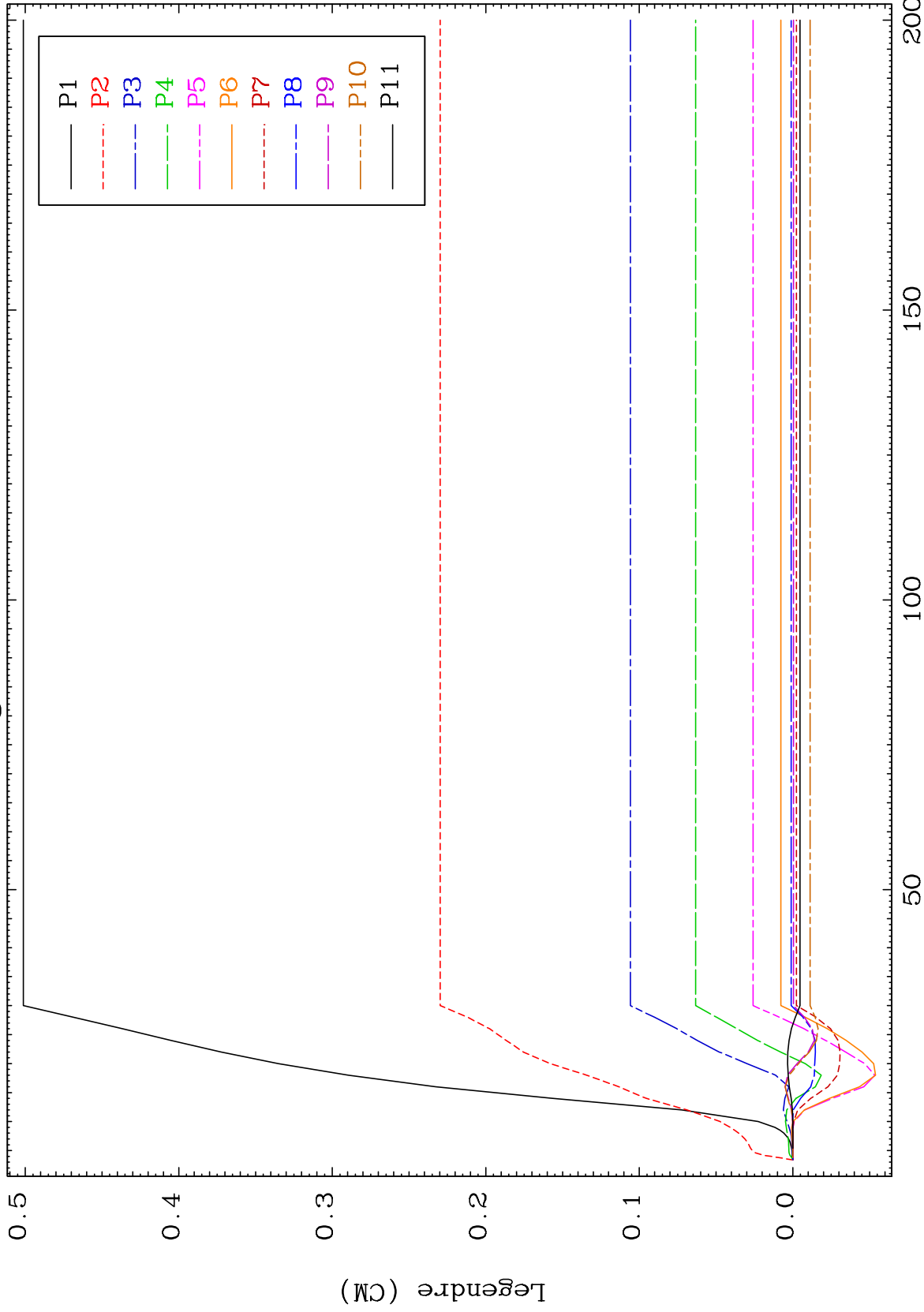
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



96

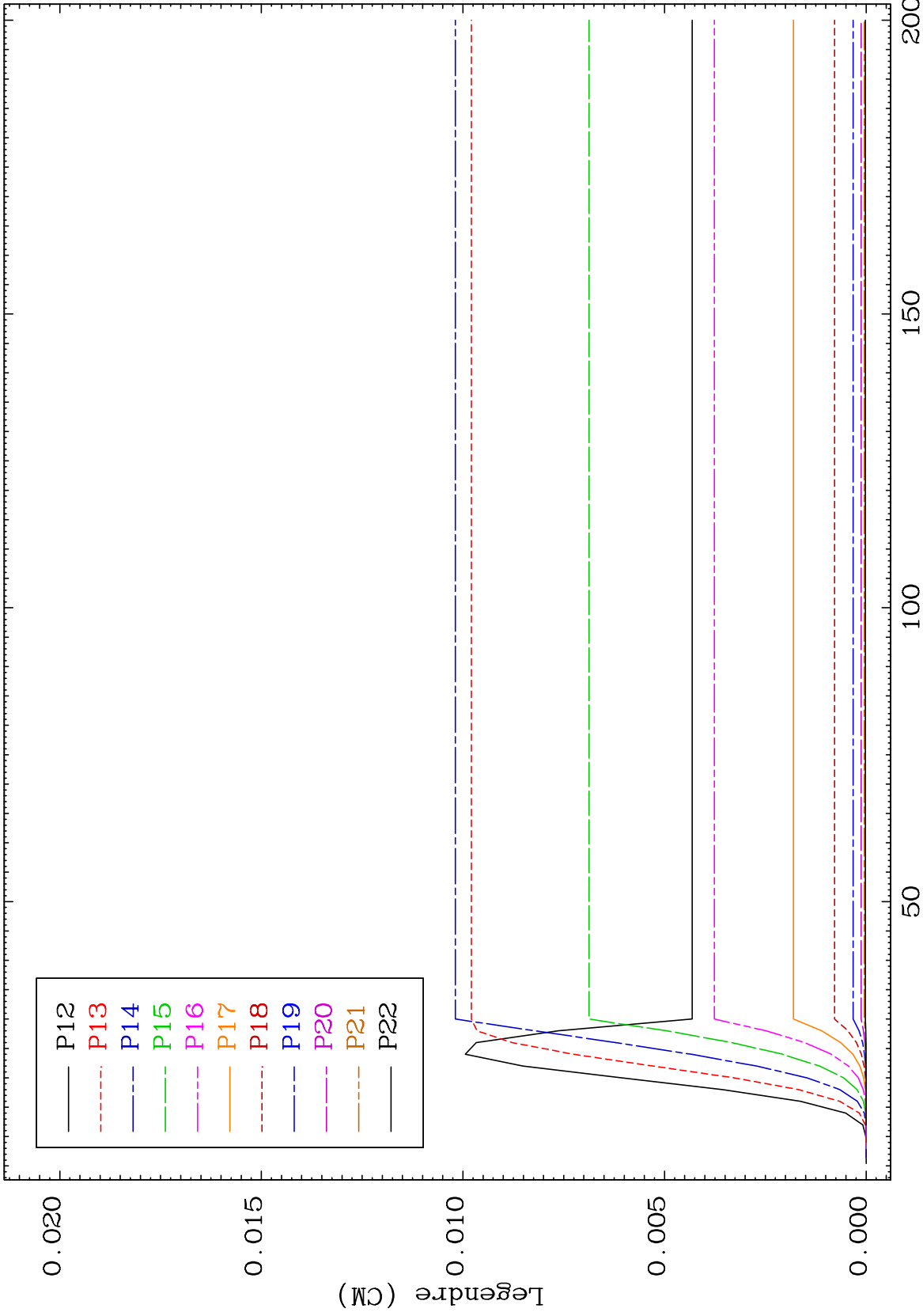
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

25-Mn-51



97

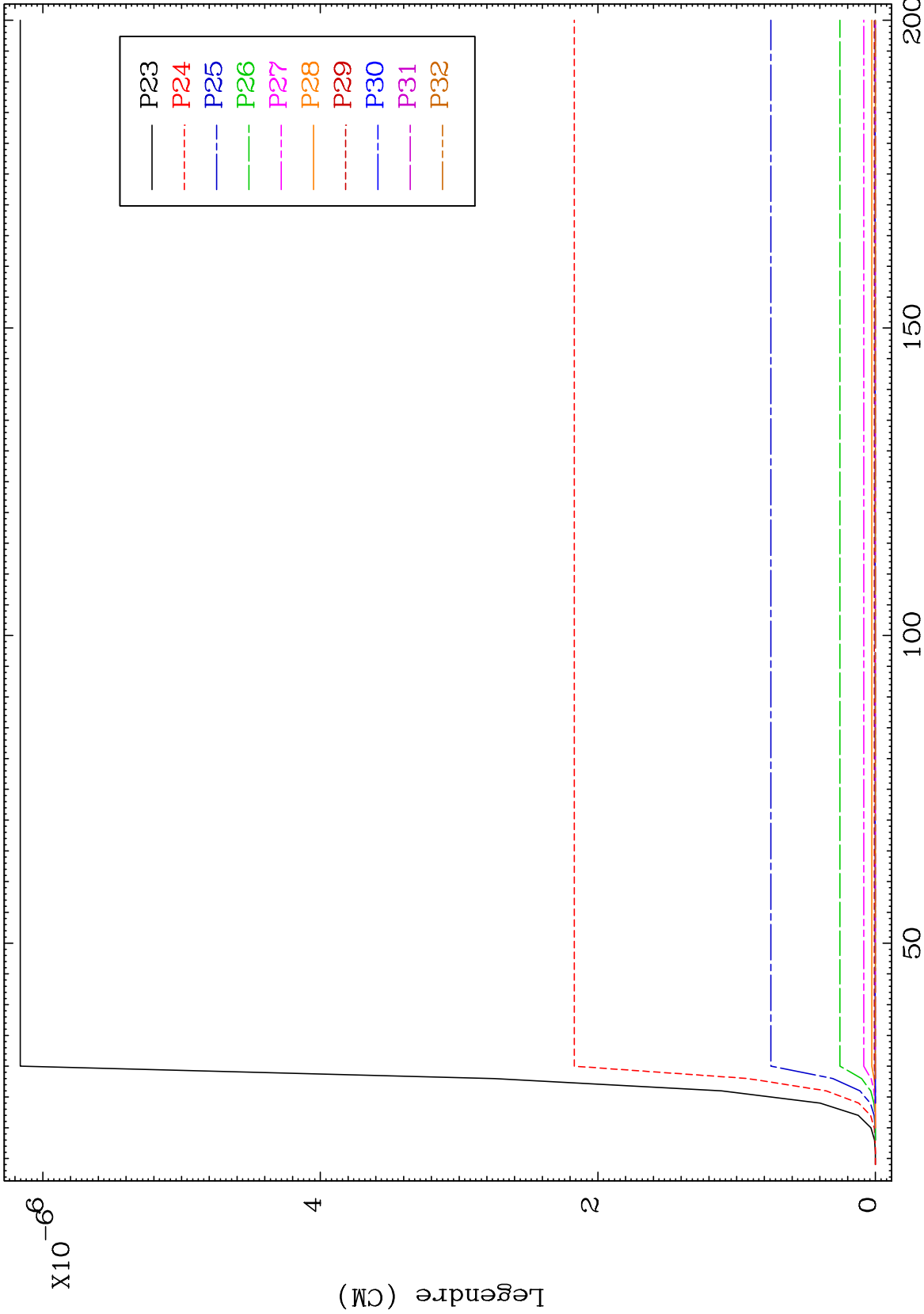
Incident Energy (MeV)

25-Mn-51

MAT 2513

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

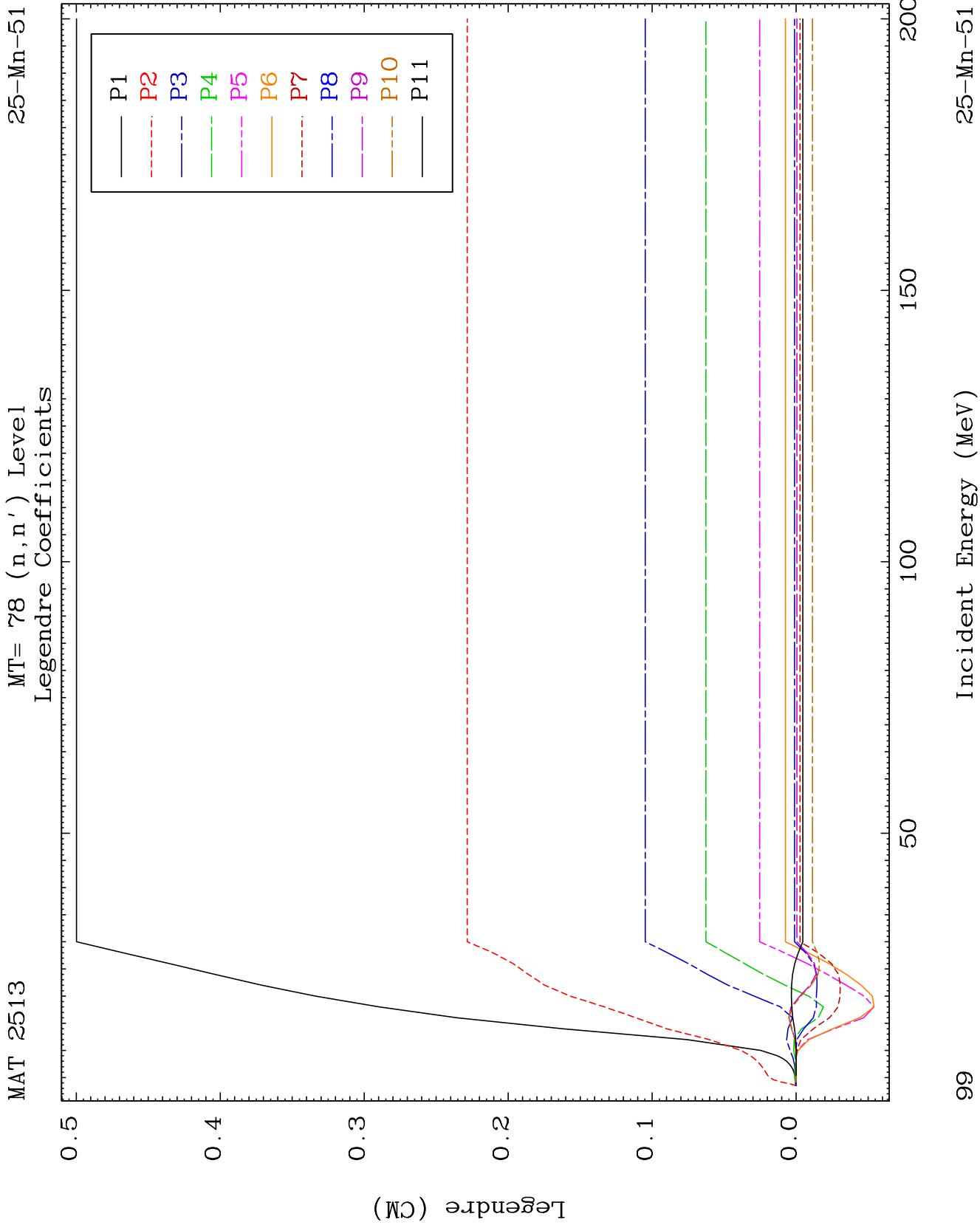
25-Mn-51

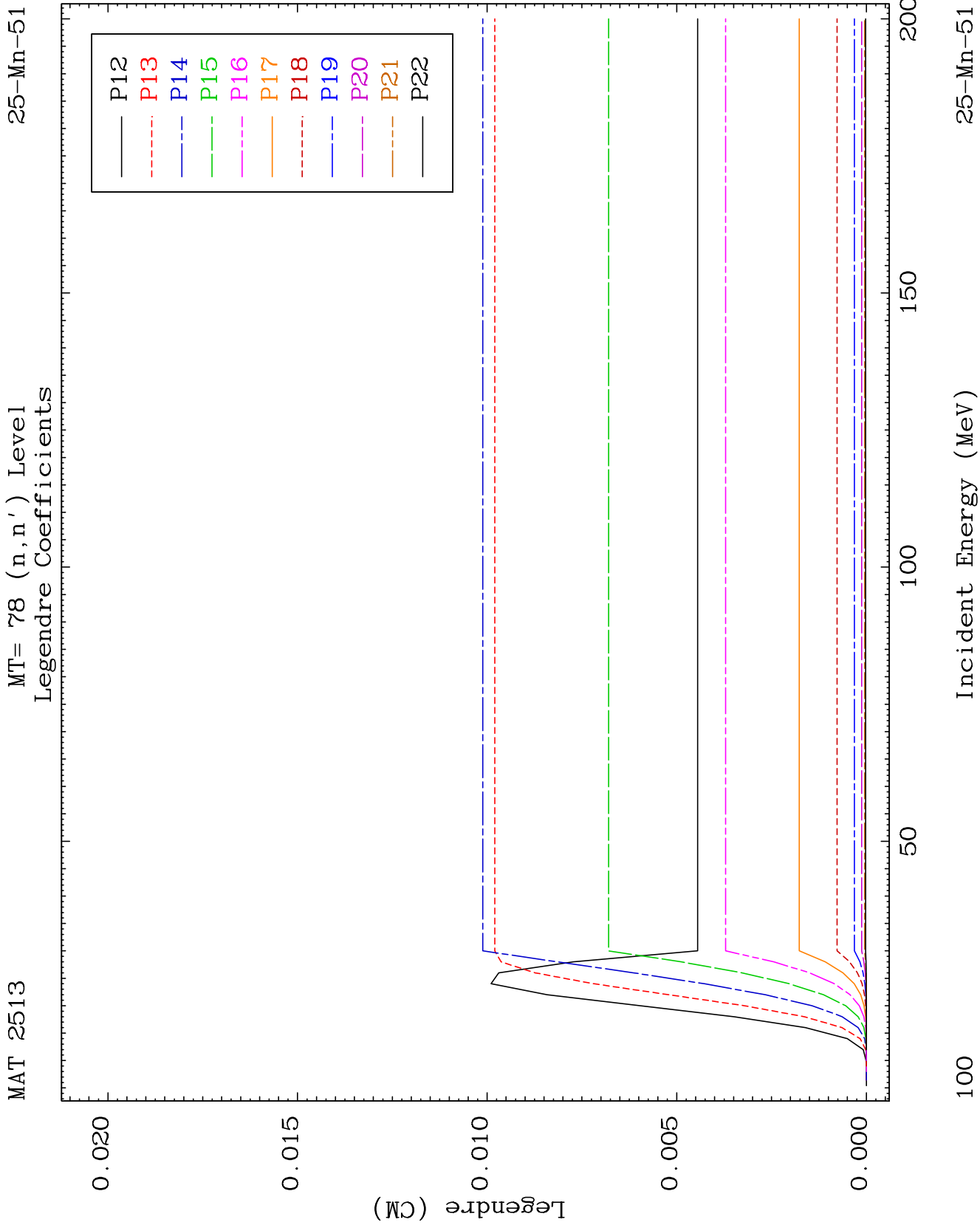


98

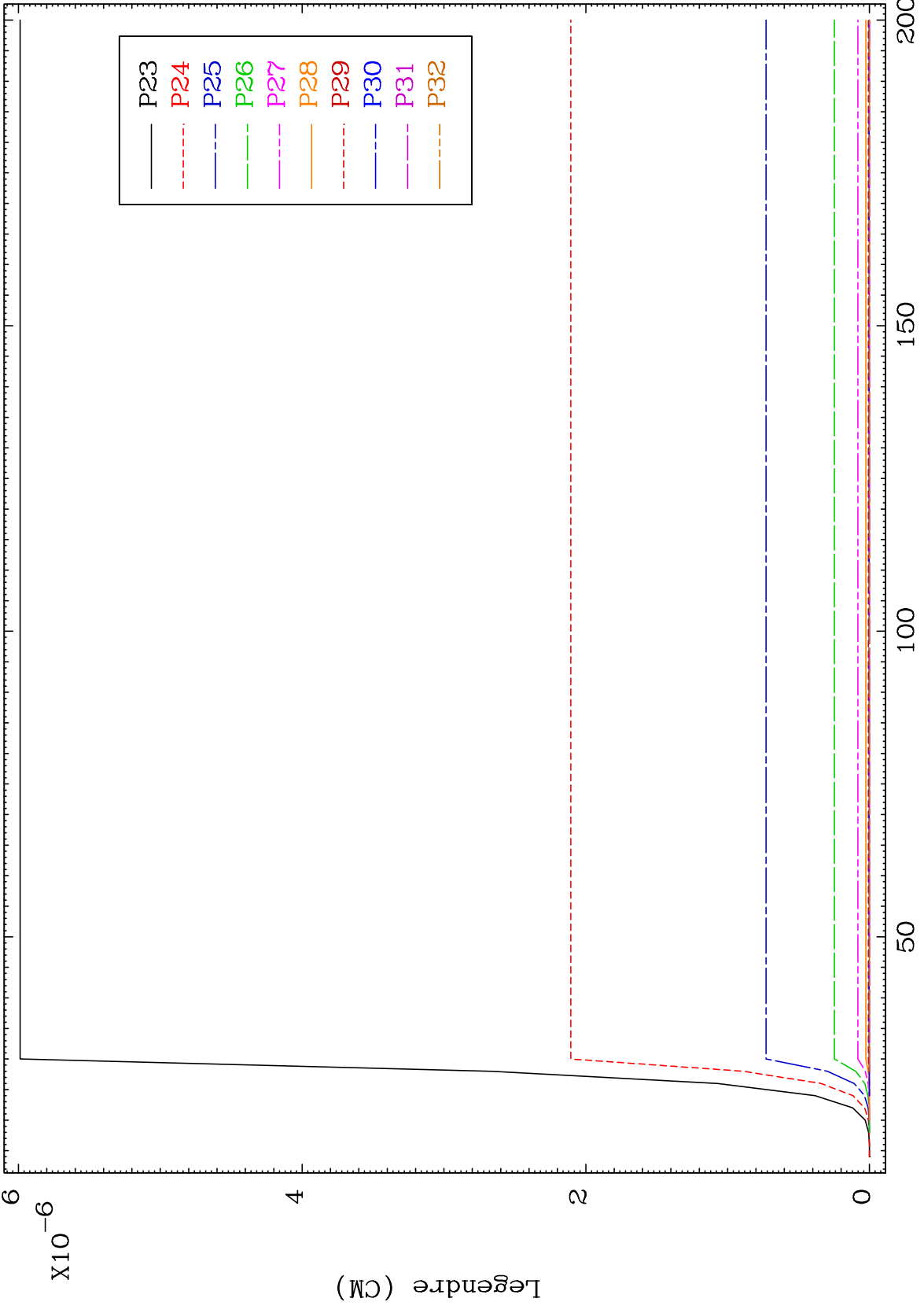
Incident Energy (MeV)

25-Mn-51





MAT 2513 MT= 78 (n,n') Level Legendre Coefficients 25-Mn-51

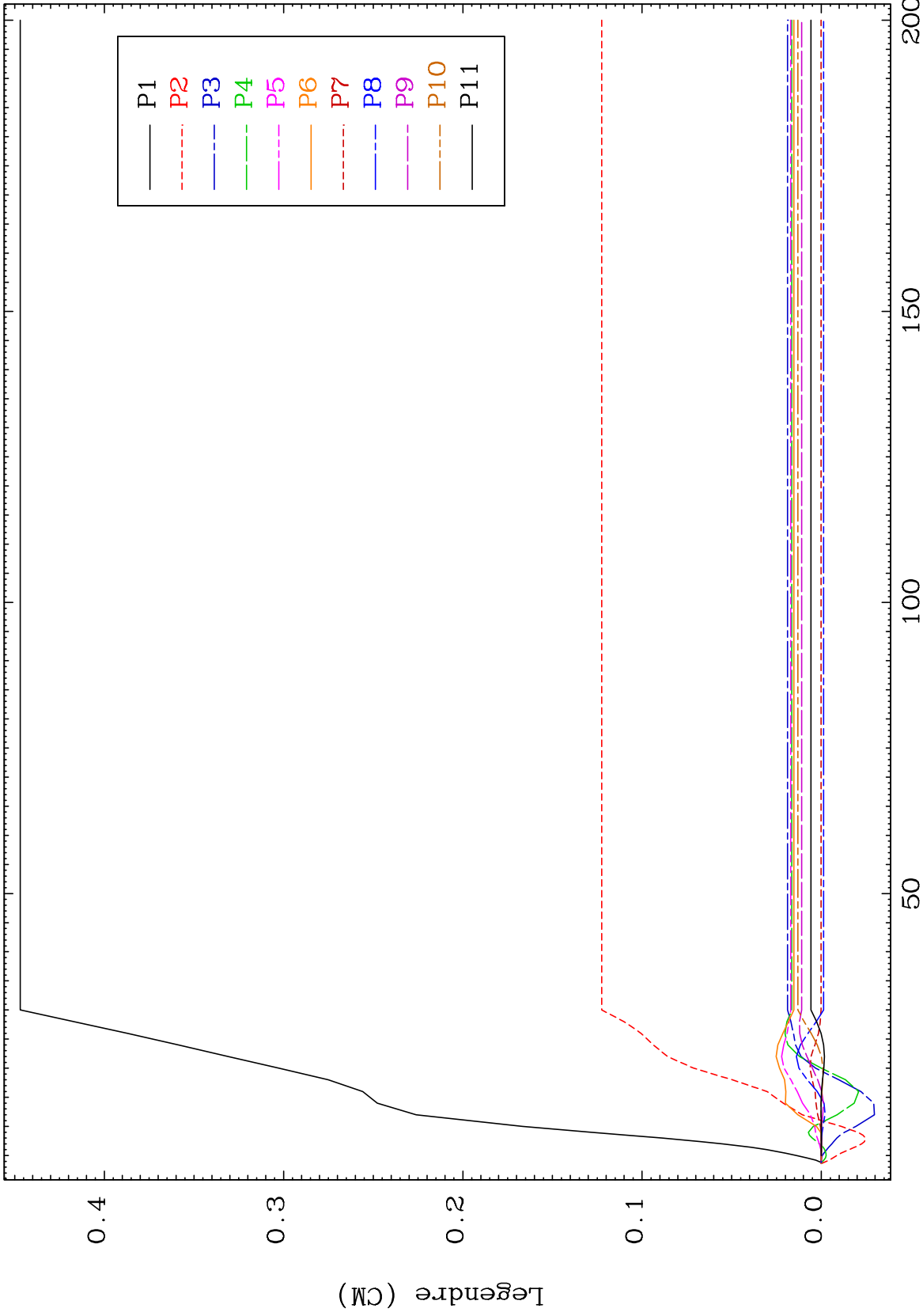


101 50 100 150 200 25-Mn-51

MAT 2513

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

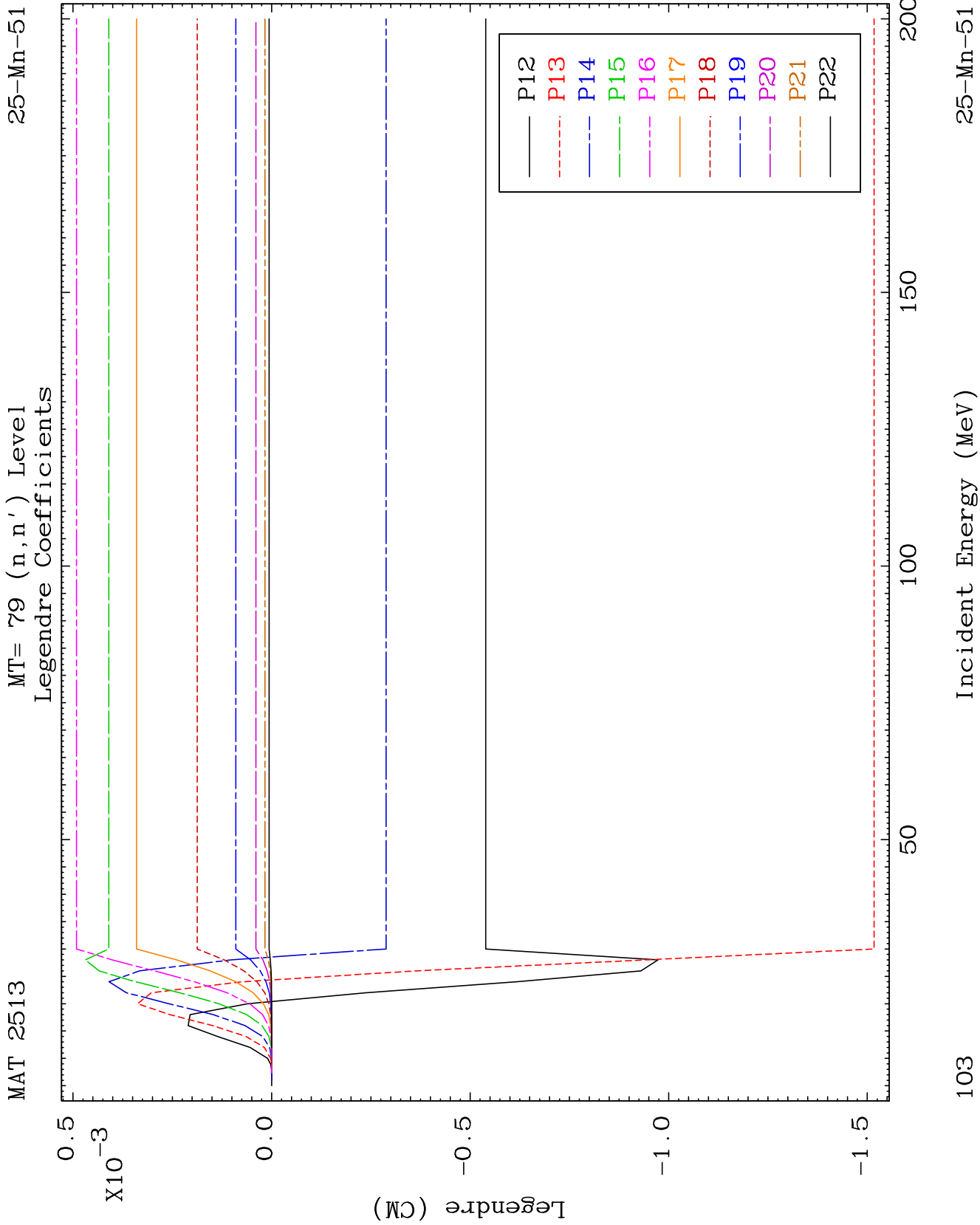
25-Mn-51

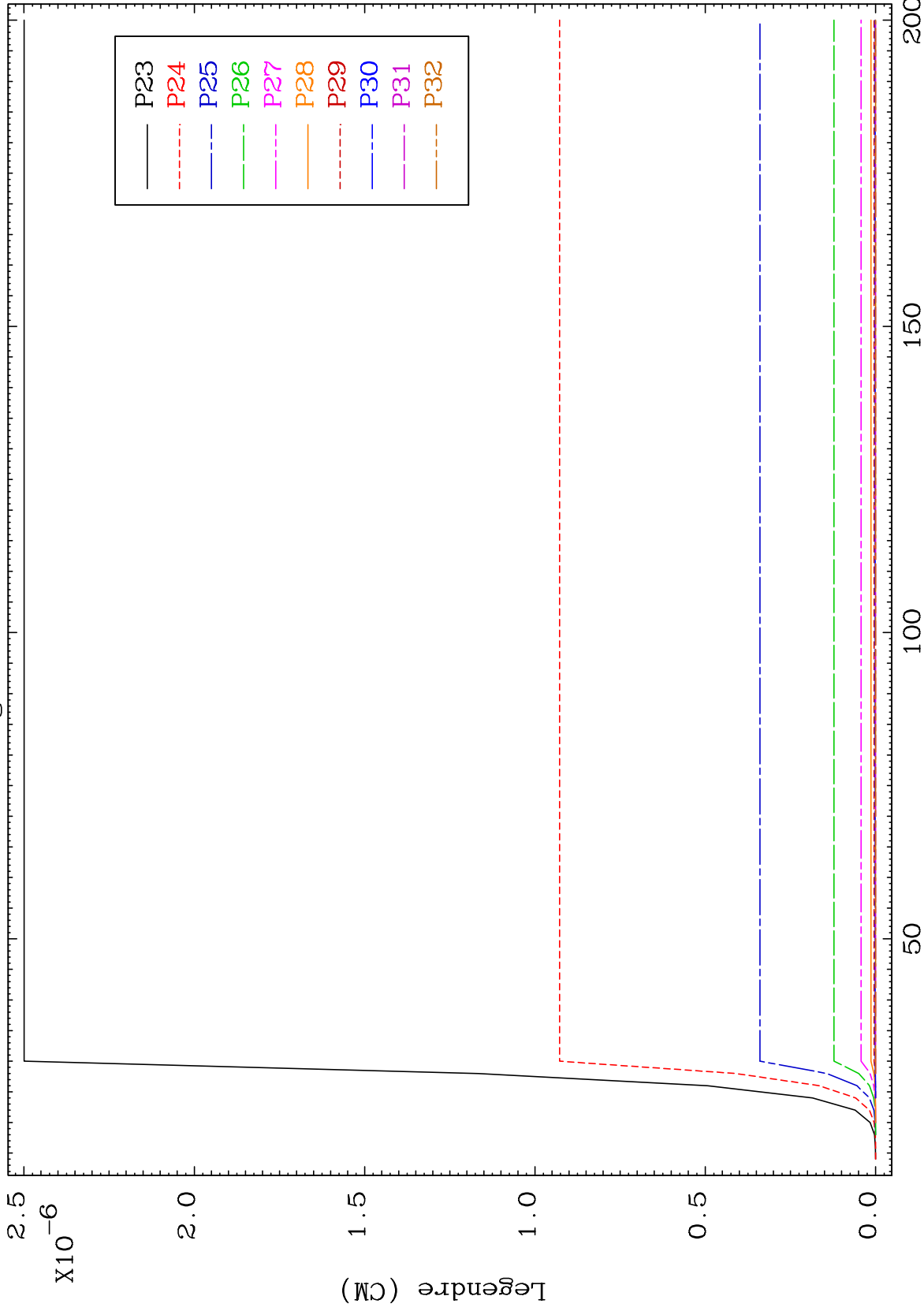


102

Incident Energy (MeV)

25-Mn-51

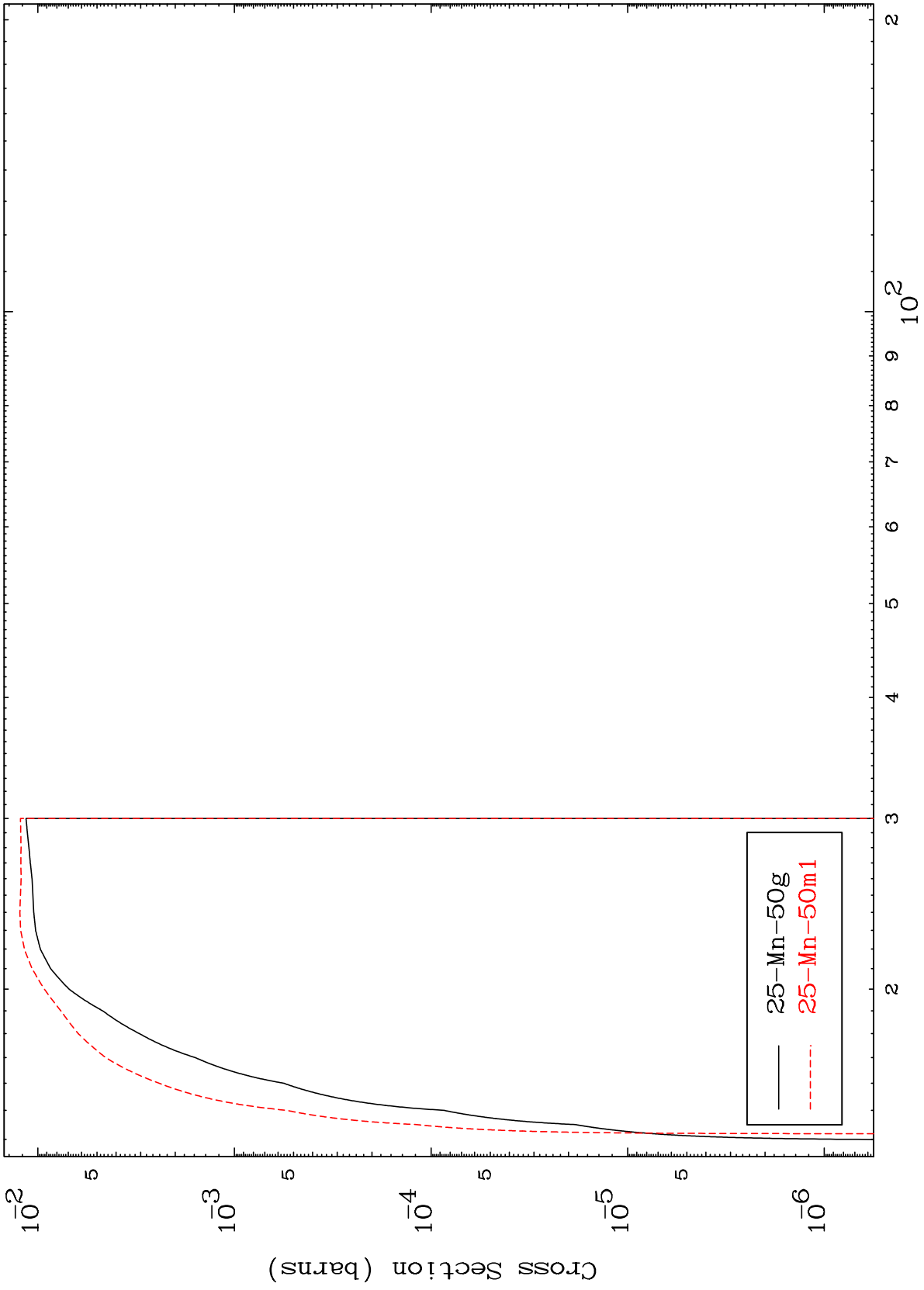




MAT 2513

<sup>25</sup>Mn-51

(n,2n)  
Radionuclide Production Cross Section



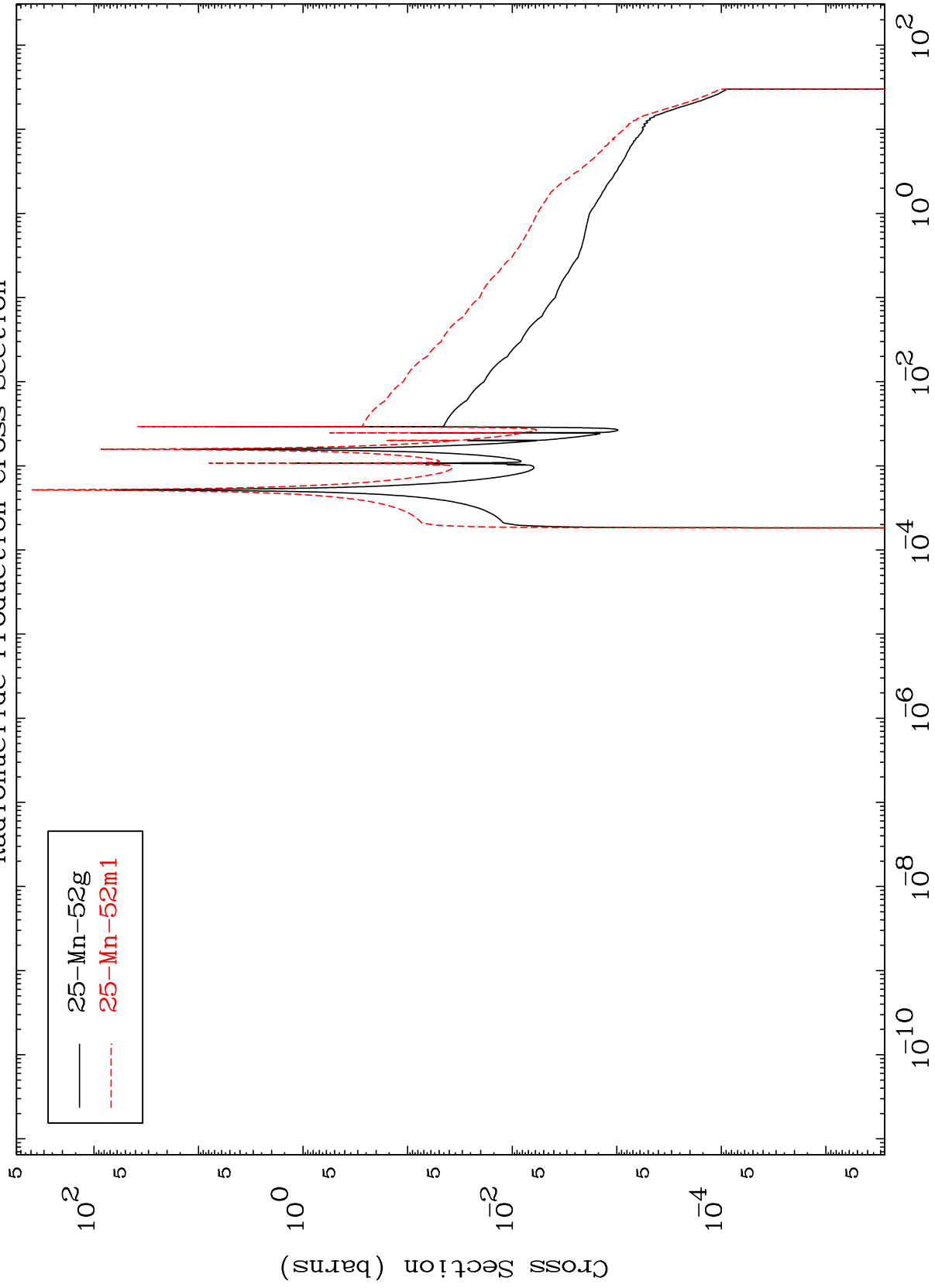
105

<sup>25</sup>Mn-51

MAT 2513

<sup>25</sup>Mn-51

Radionuclide Production Cross Section



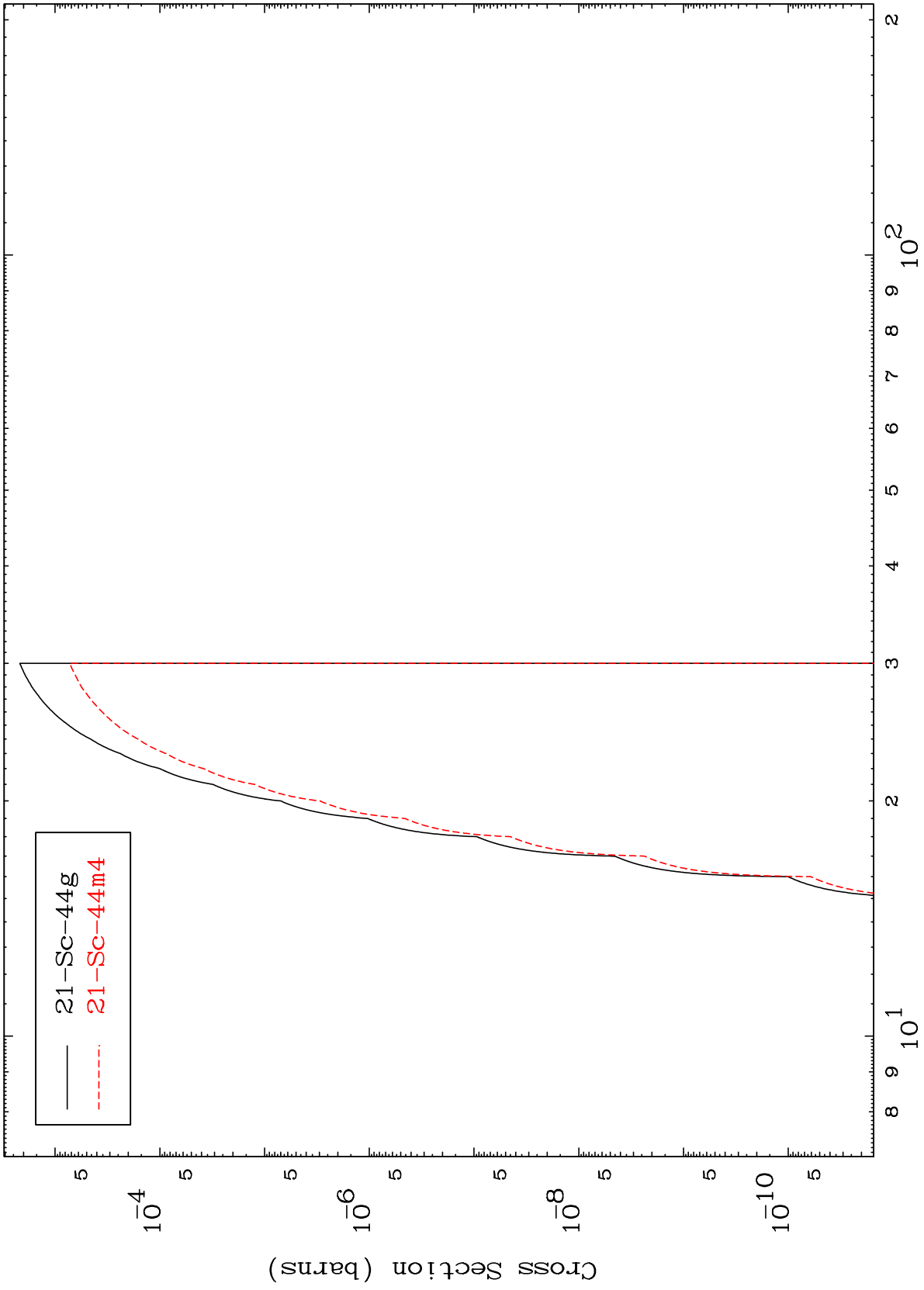
106

<sup>25</sup>Mn-51

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<sup>25</sup>Mn-51

Radionuclide Production Cross Section  
(n,2α)



107

<sup>25</sup>Mn-51