

Program EVALPLOT  
(Version 2018-1)

by

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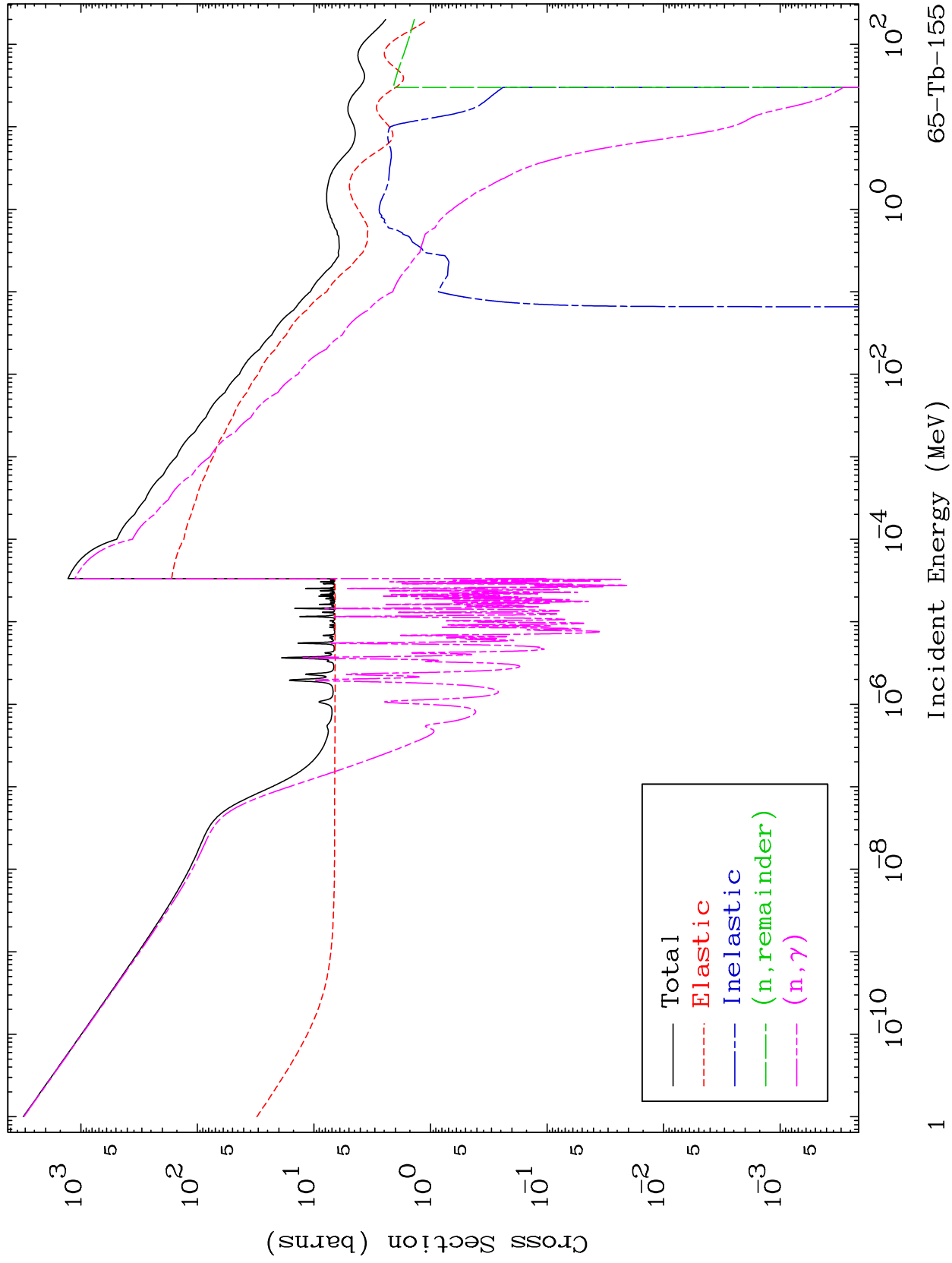
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6513

Major  
293 Kelvin Cross Sections

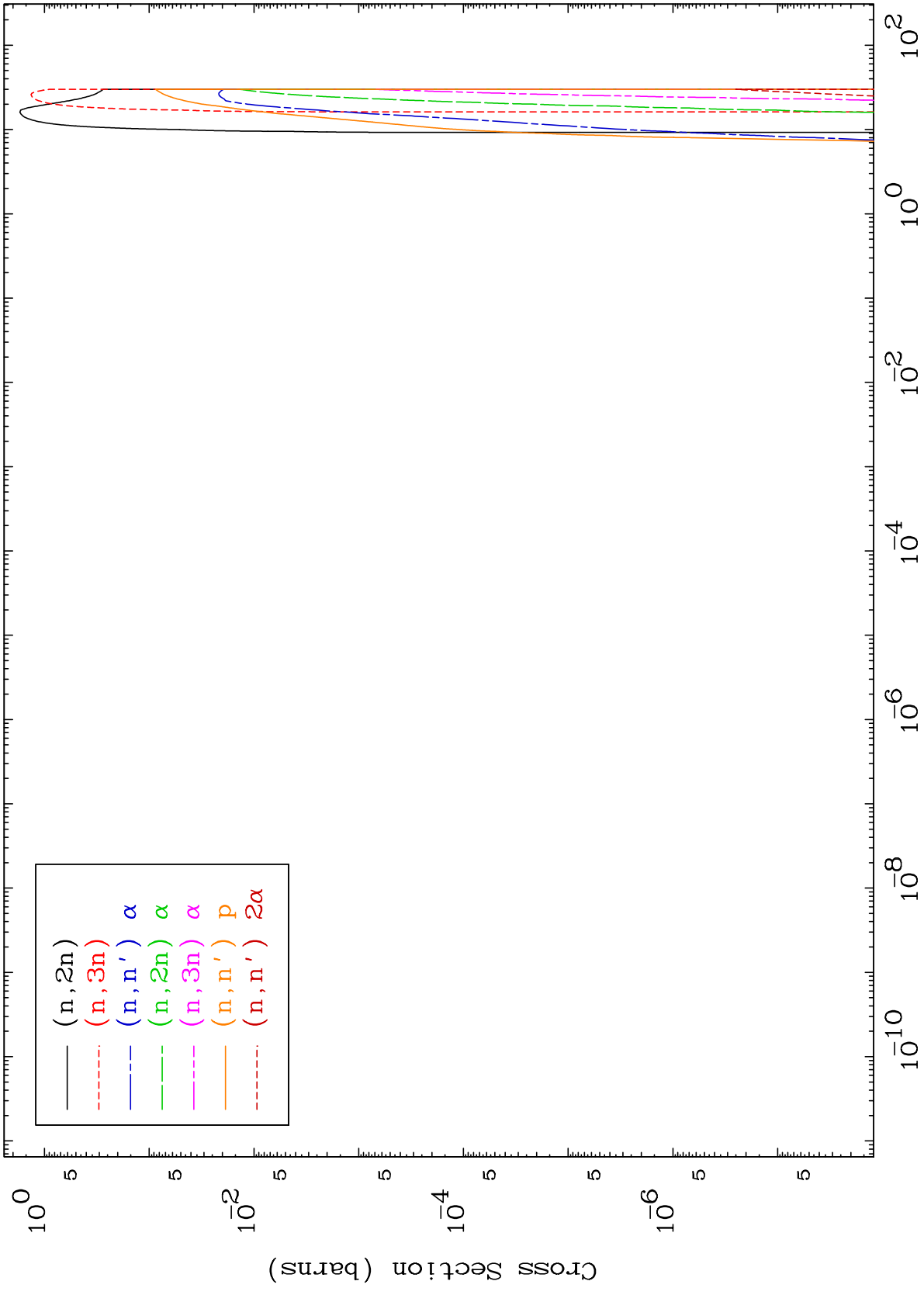
65-Tb-155



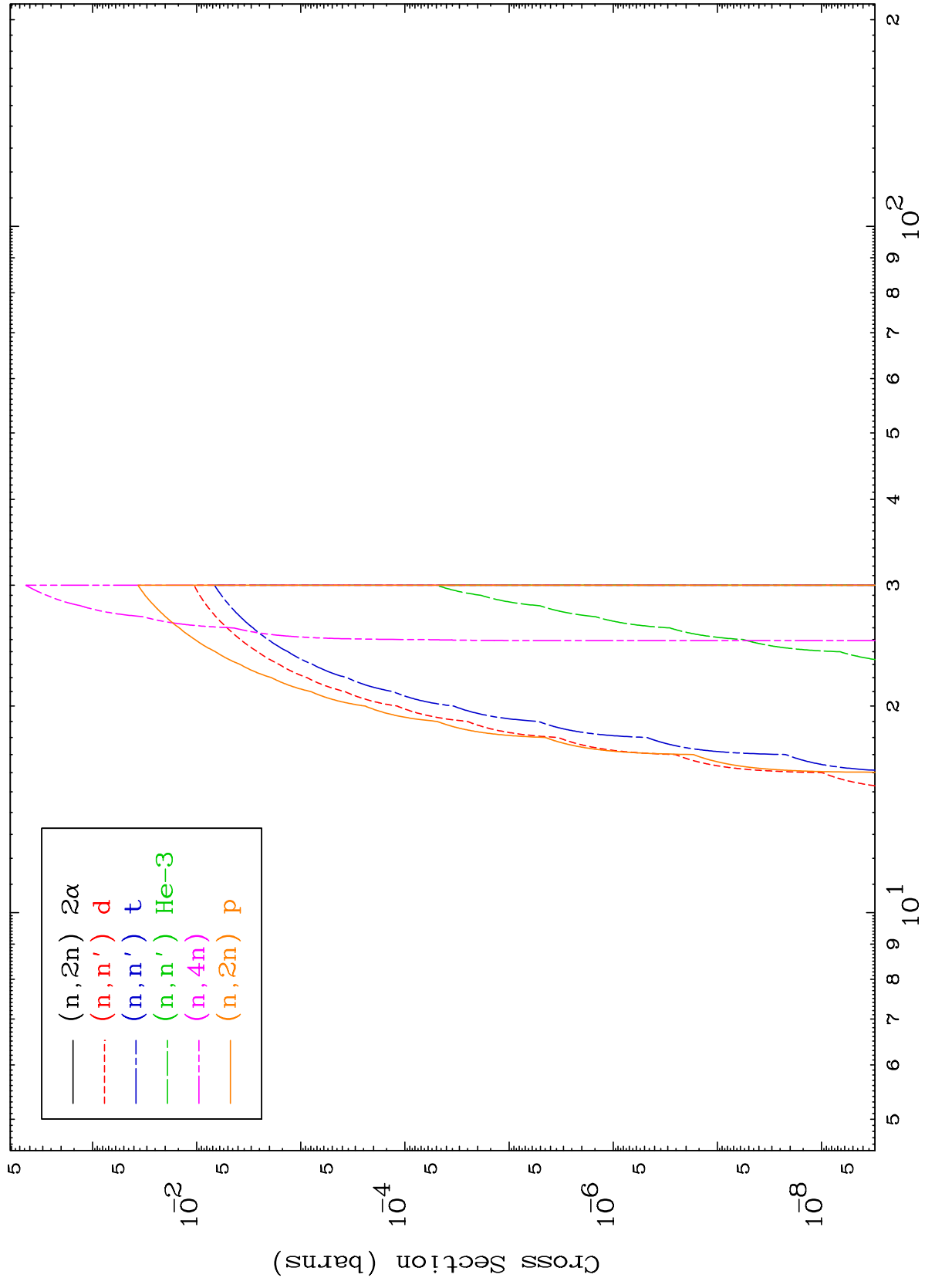
MAT 6513

Neutron Production  
293 Kelvin Cross Sections

65-Tb-155



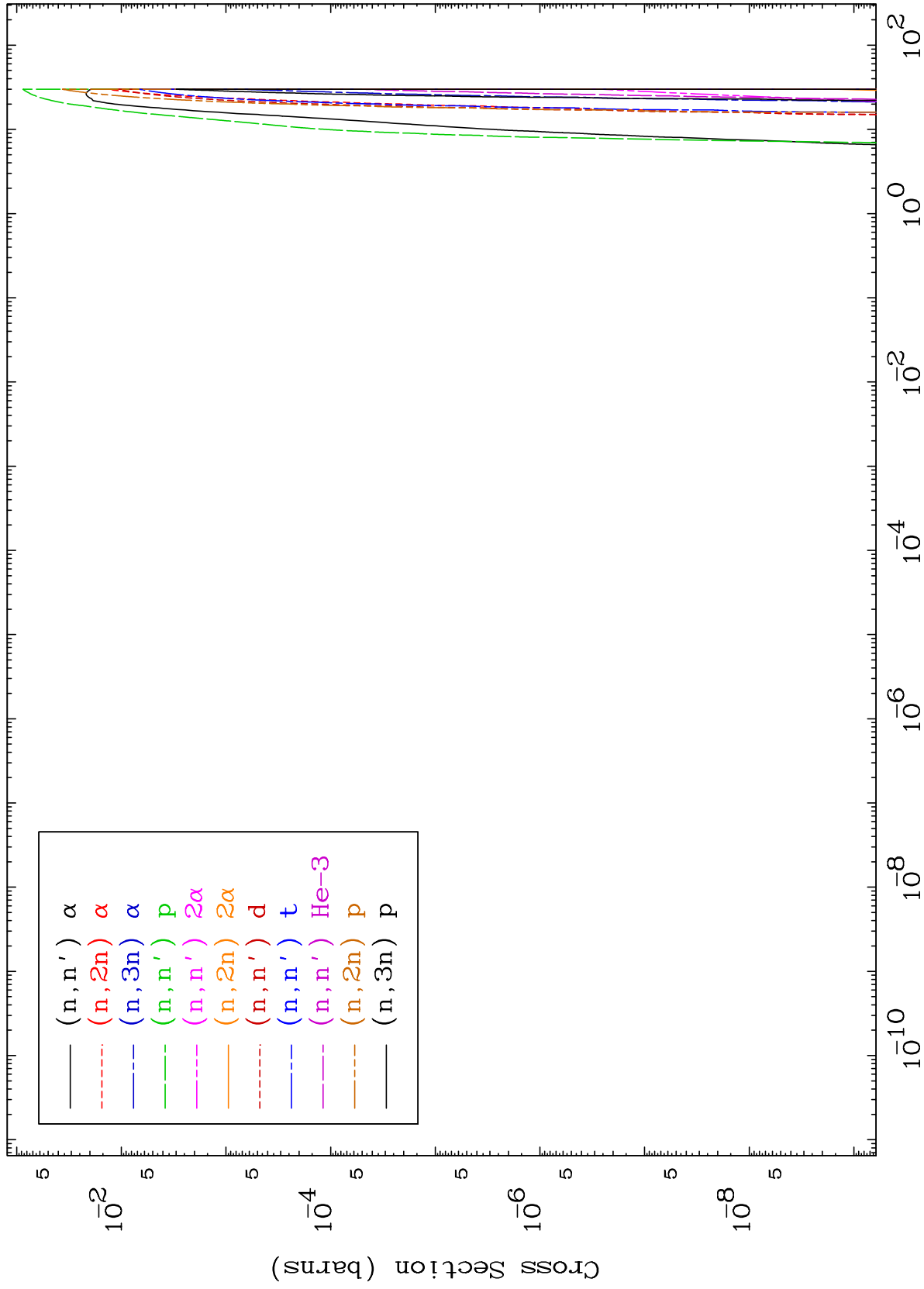
65-Tb-155



MAT 6513

Charged Particle  
293 Kelvin Cross Sections

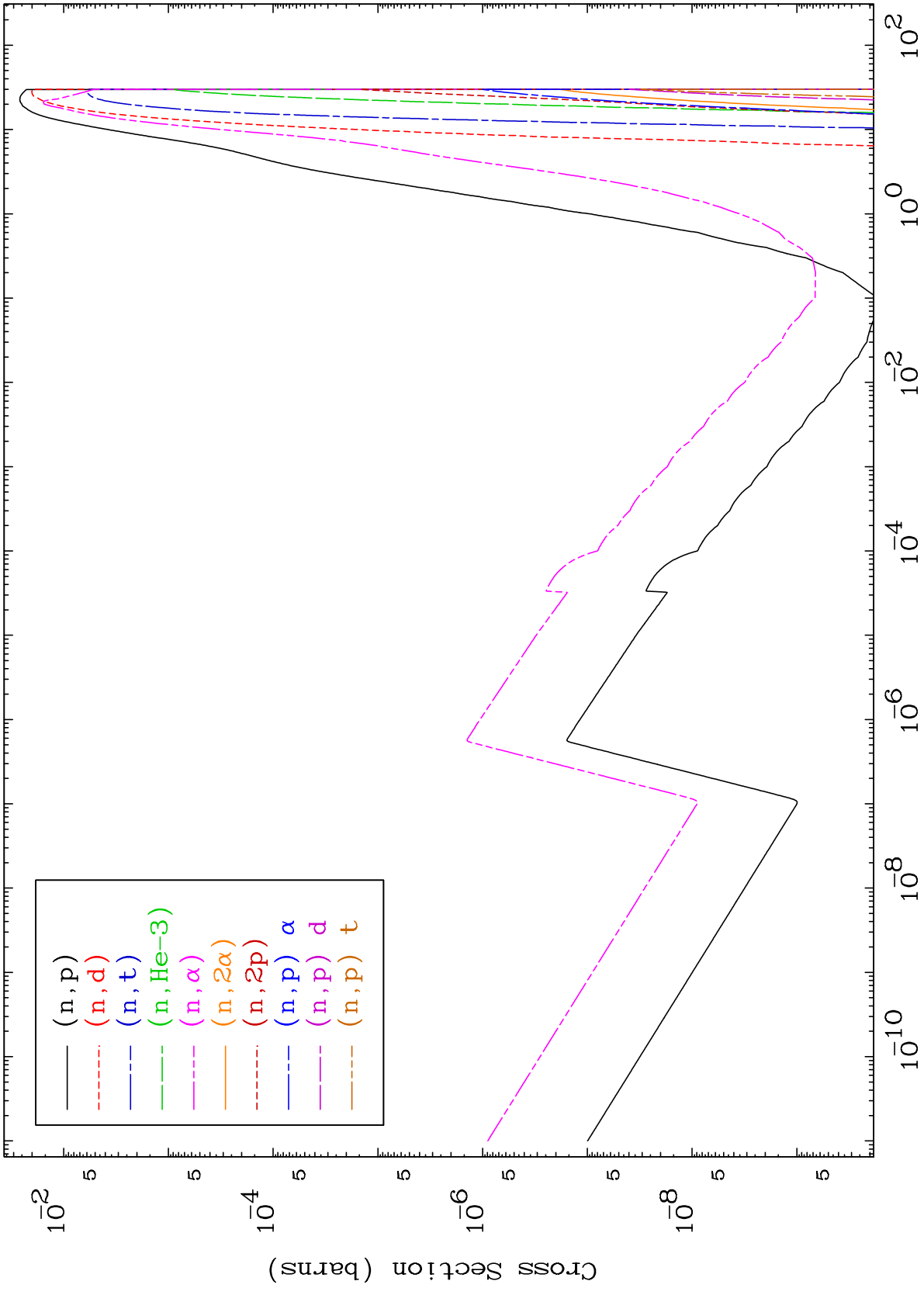
65-Tb-155



MAT 6513

Charged Particle  
293 Kelvin Cross Sections

65-Tb-155



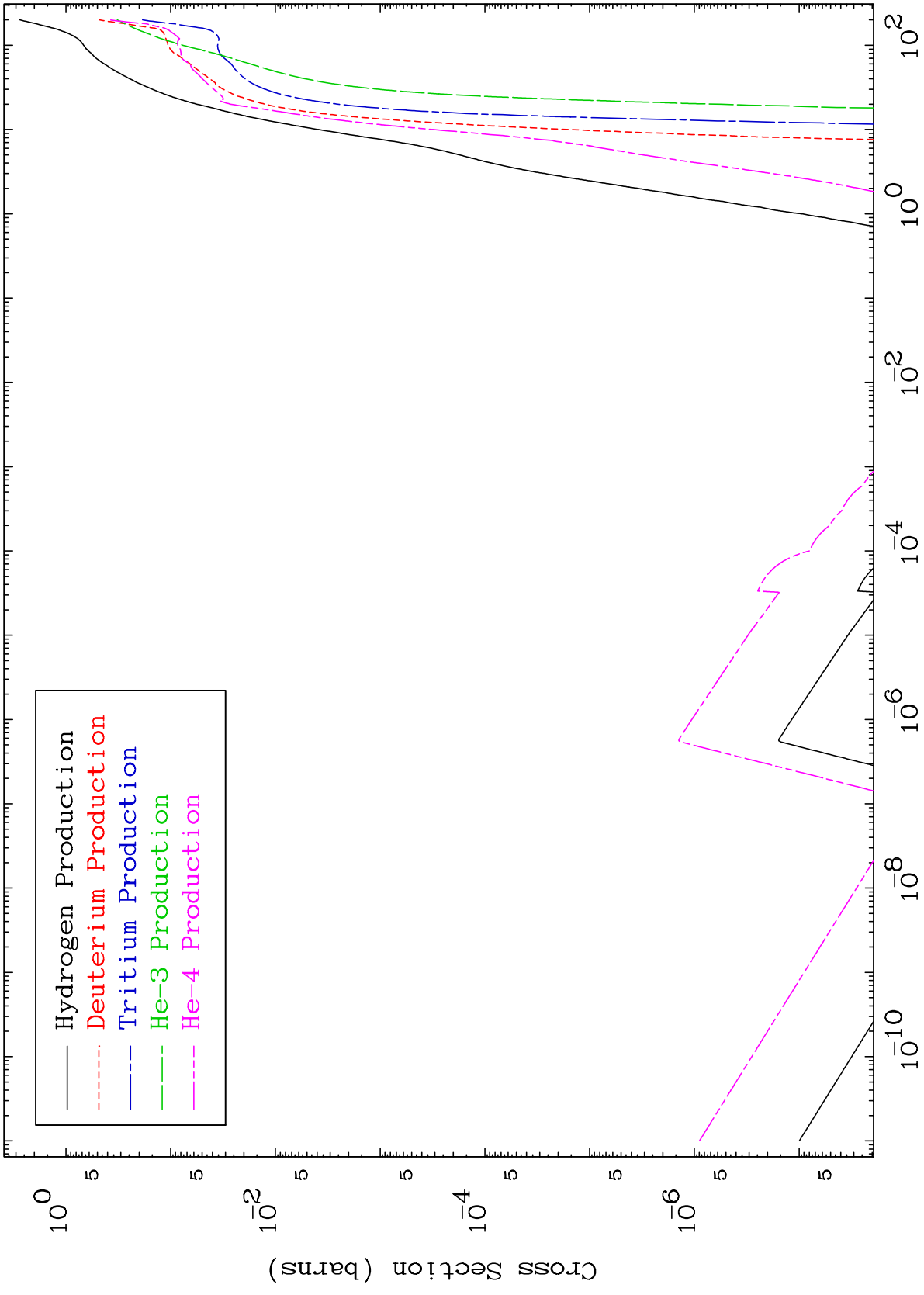
5

65-Tb-155

MAT 6513

Particle Production  
293 Kelvin Cross Sections

65-Tb-155



65-Tb-155

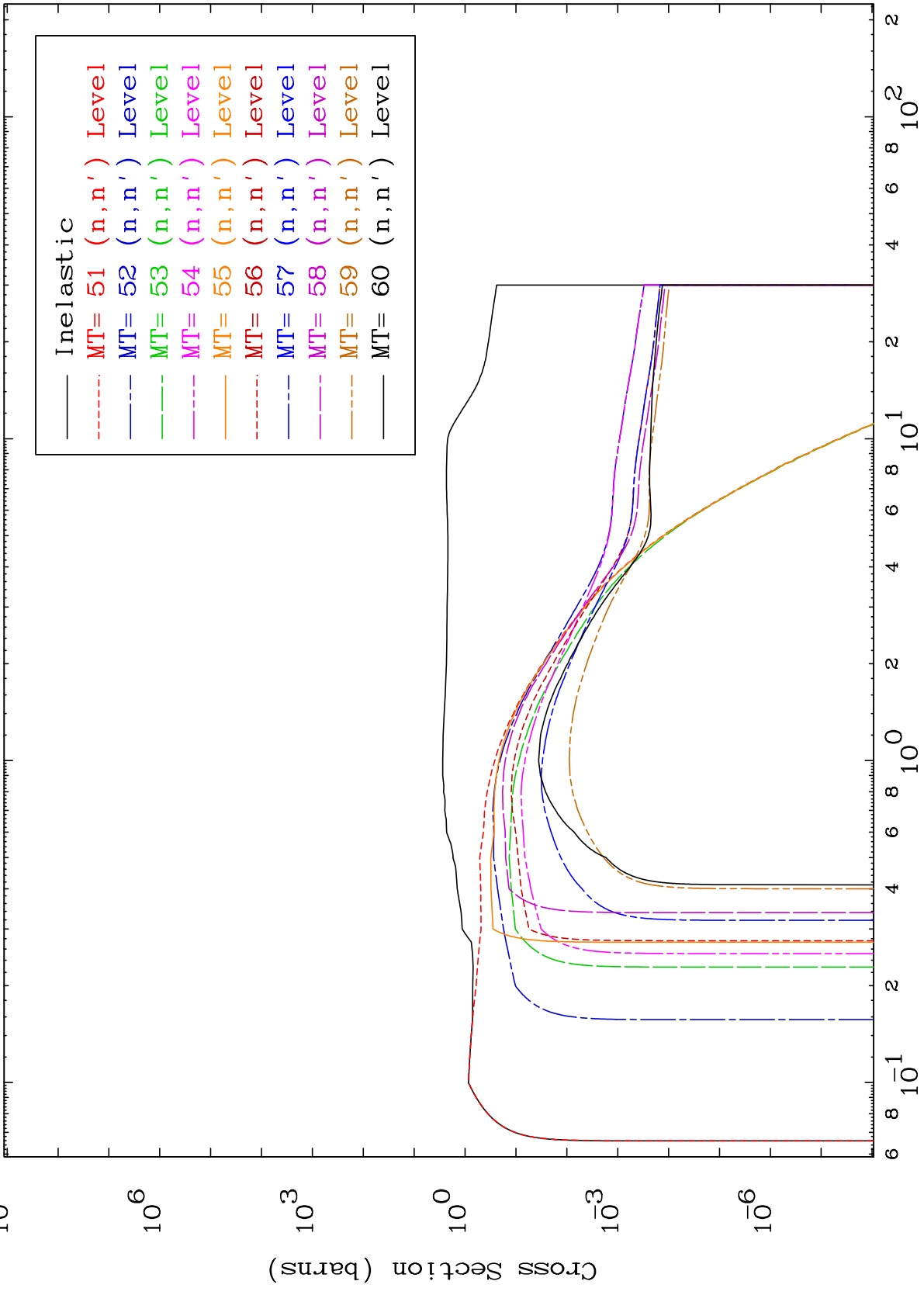
MAT 6513

(n,n') Level

65-Tb-155

293 Kelvin Cross Sections

65-Tb-155



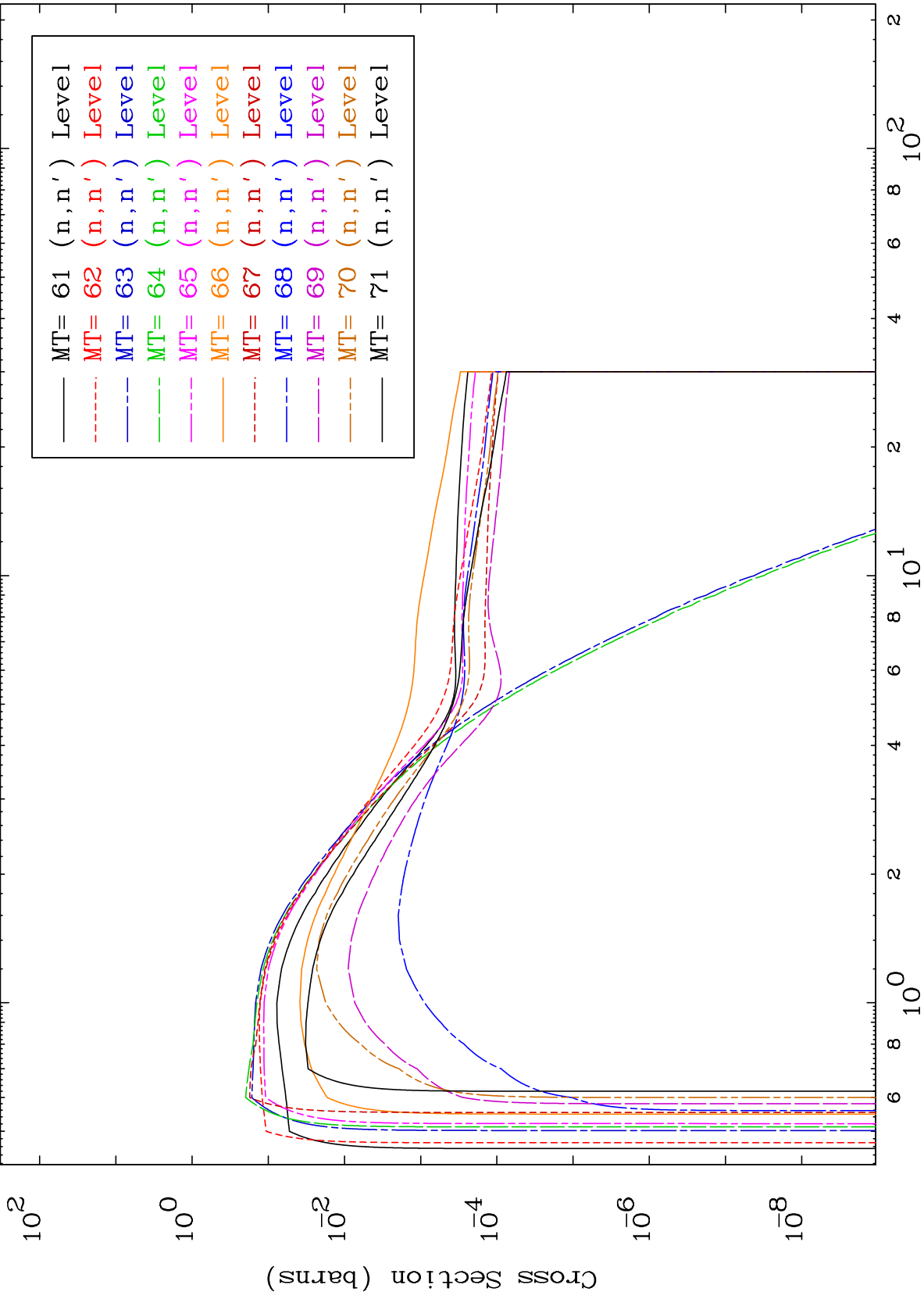


MAT 6513

(n,n') Level

65-Tb-155

293 Kelvin Cross Sections



8

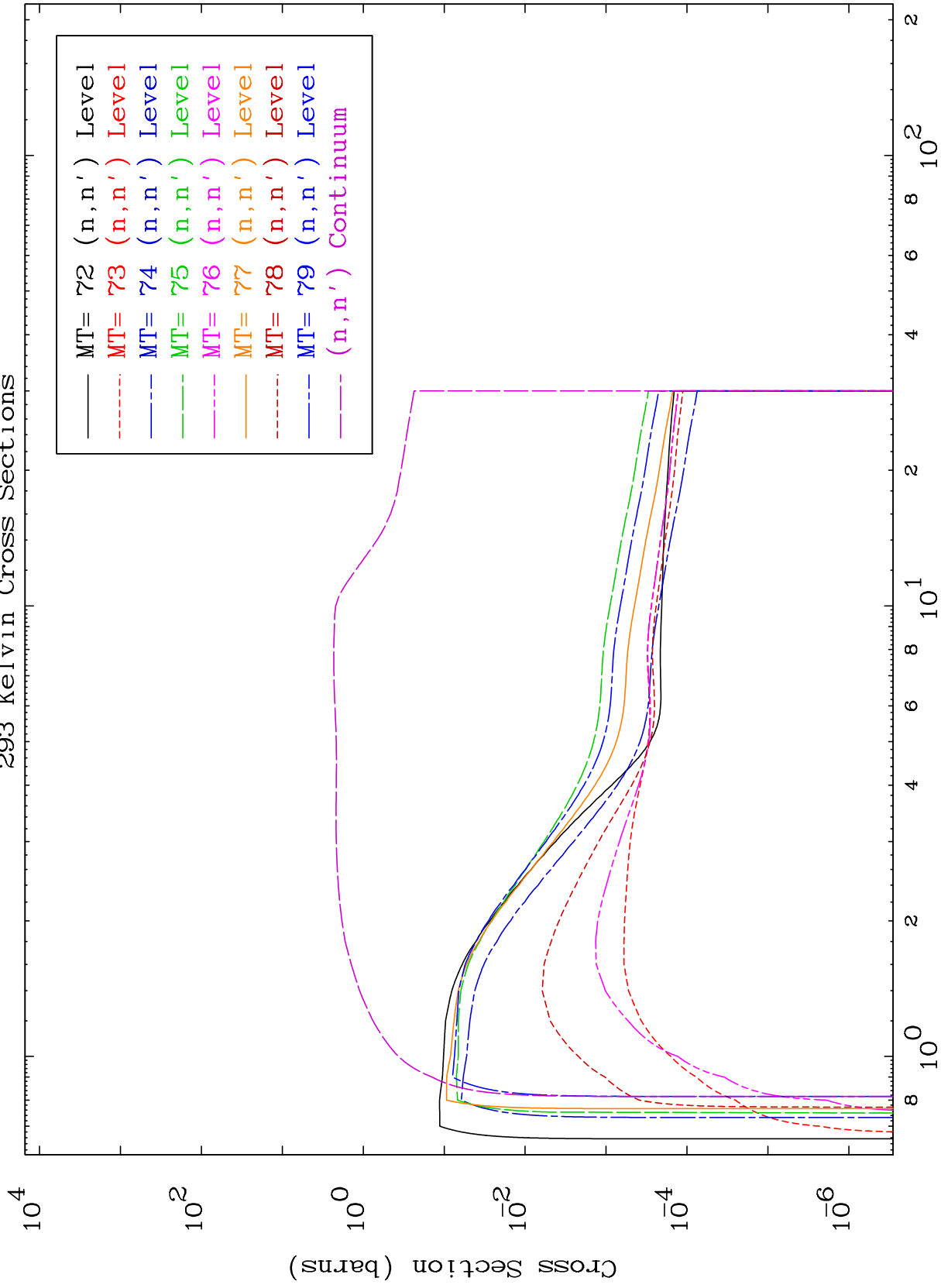
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-155



9

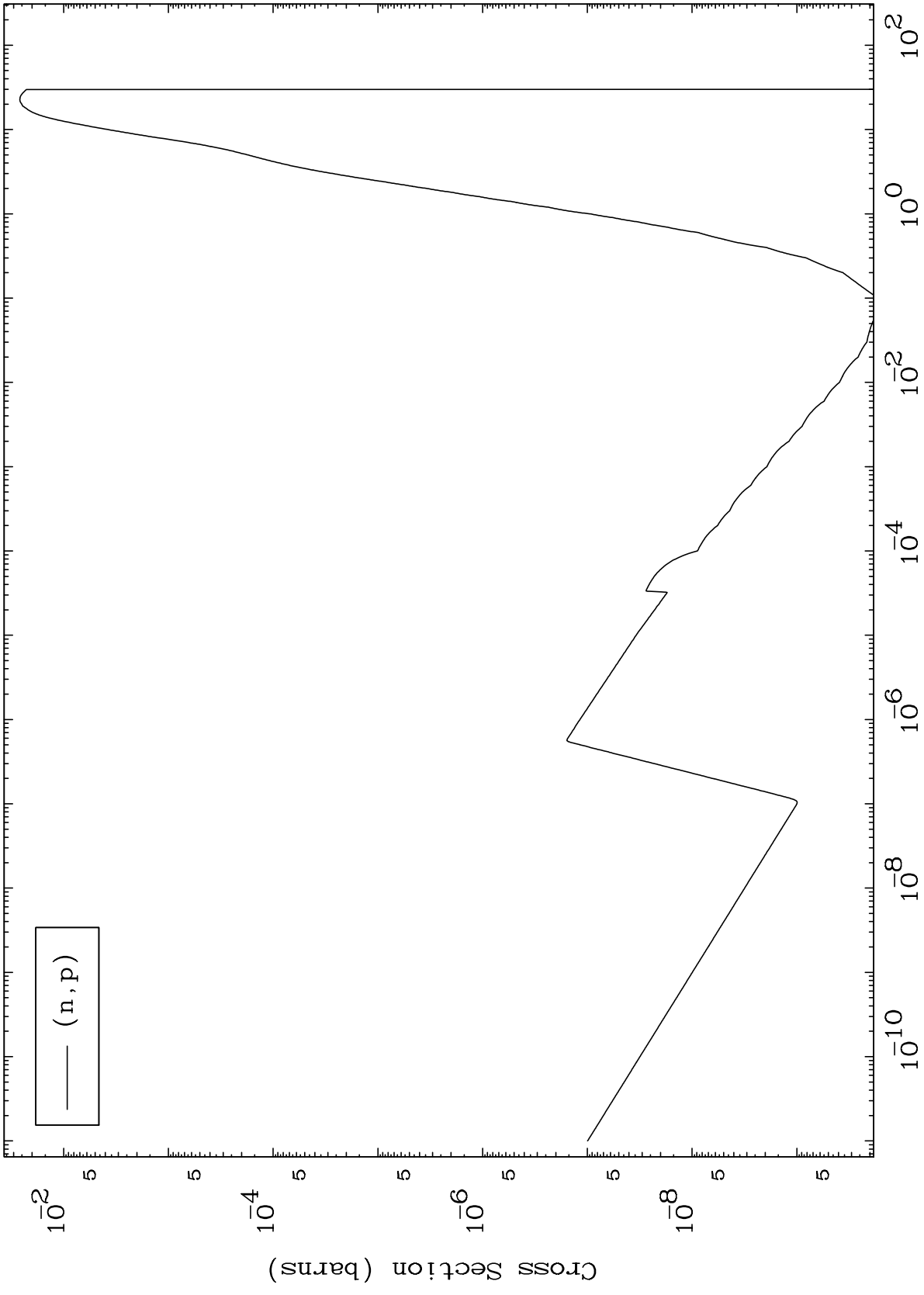
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-155



10

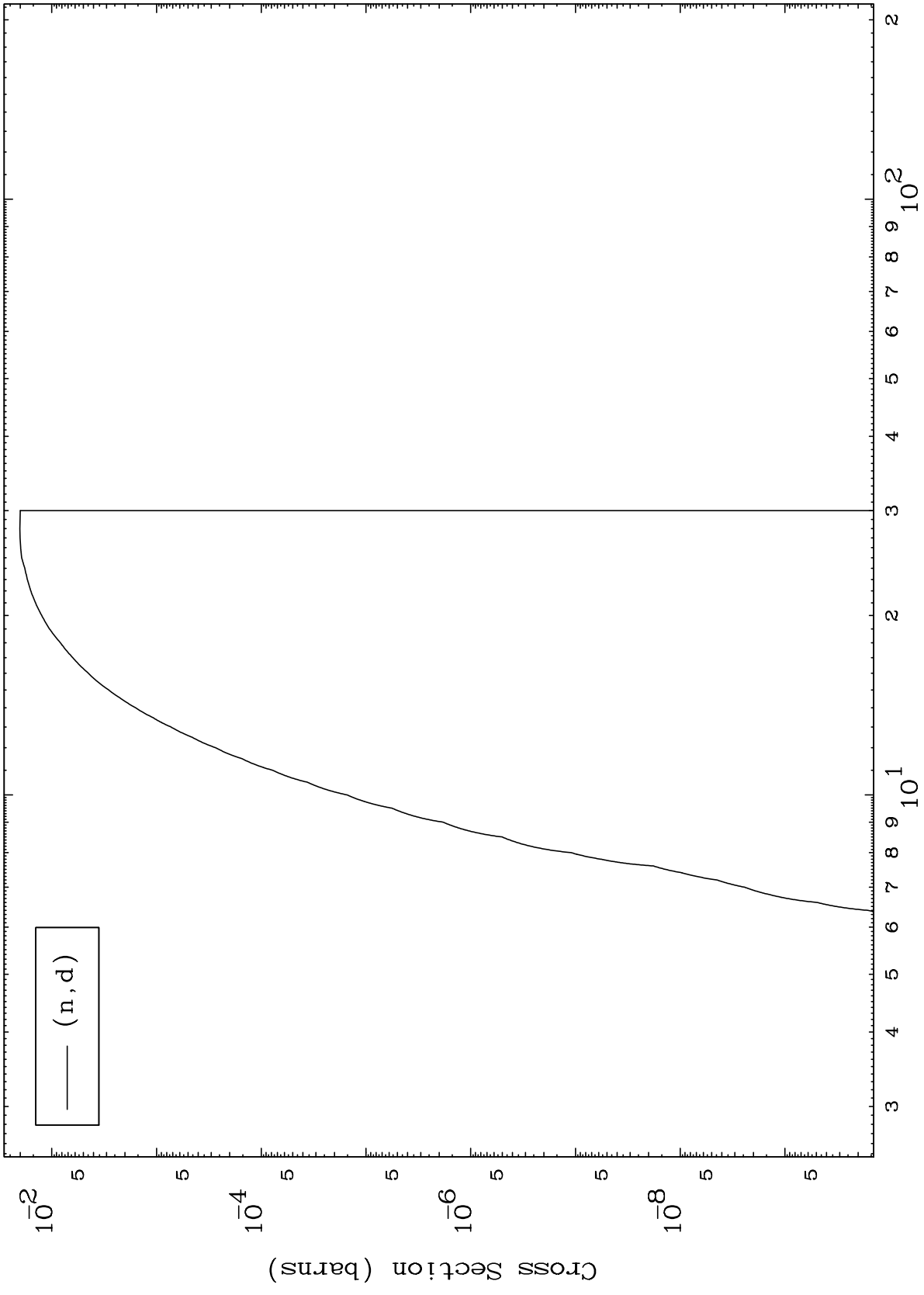
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-155



11

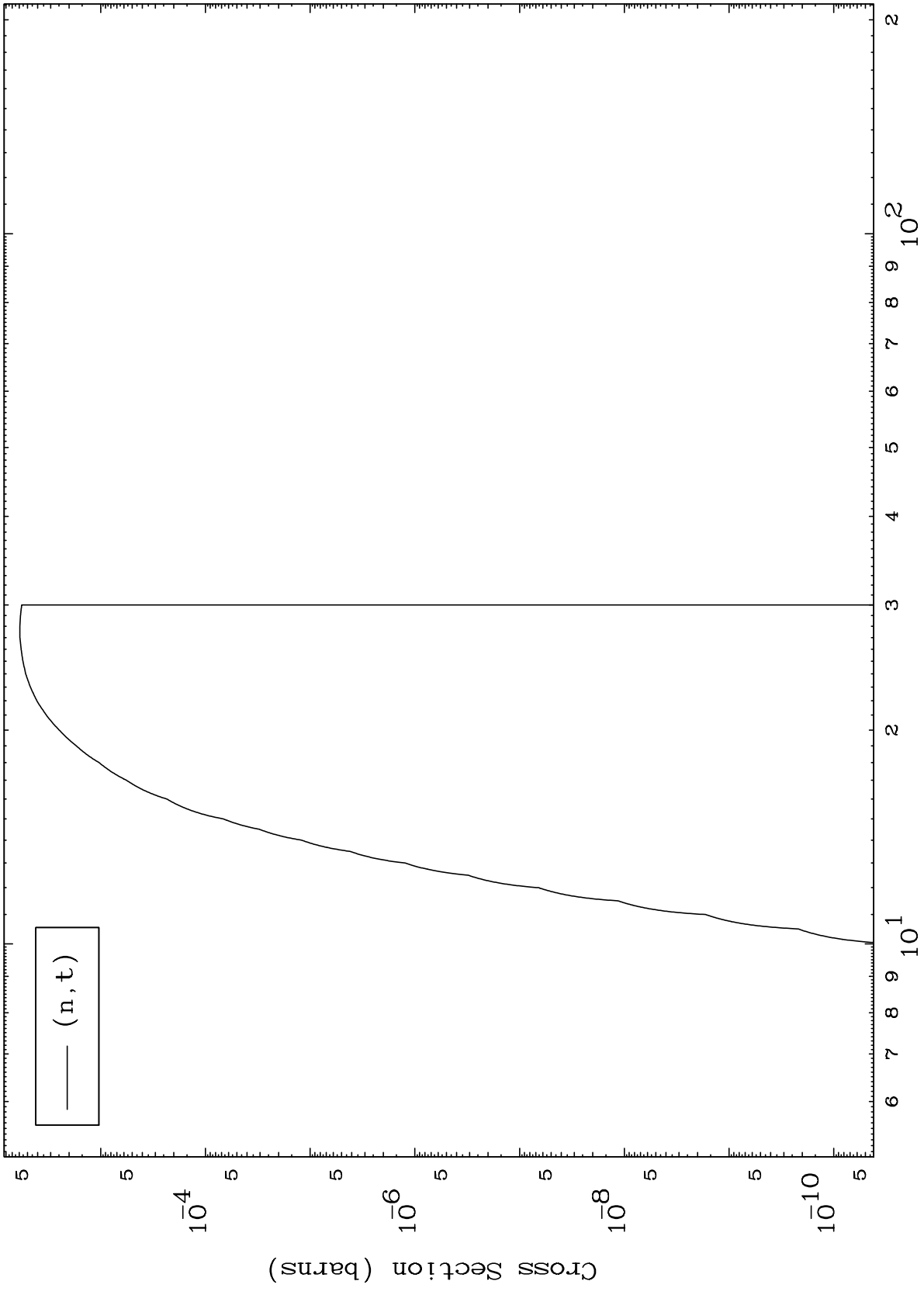
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-155



12

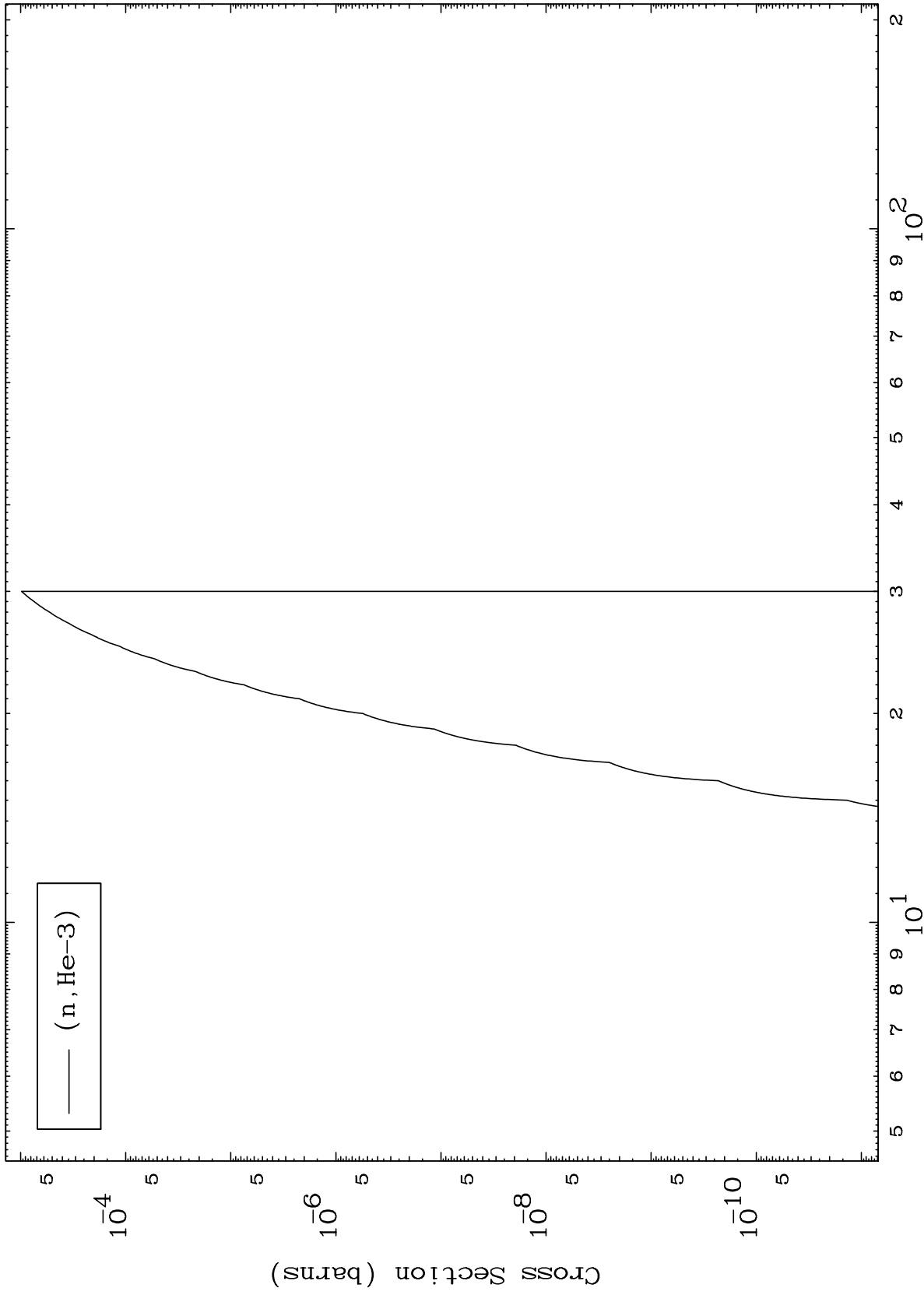
Incident Energy (MeV)

65-Tb-155

MAT 6513

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-155



13

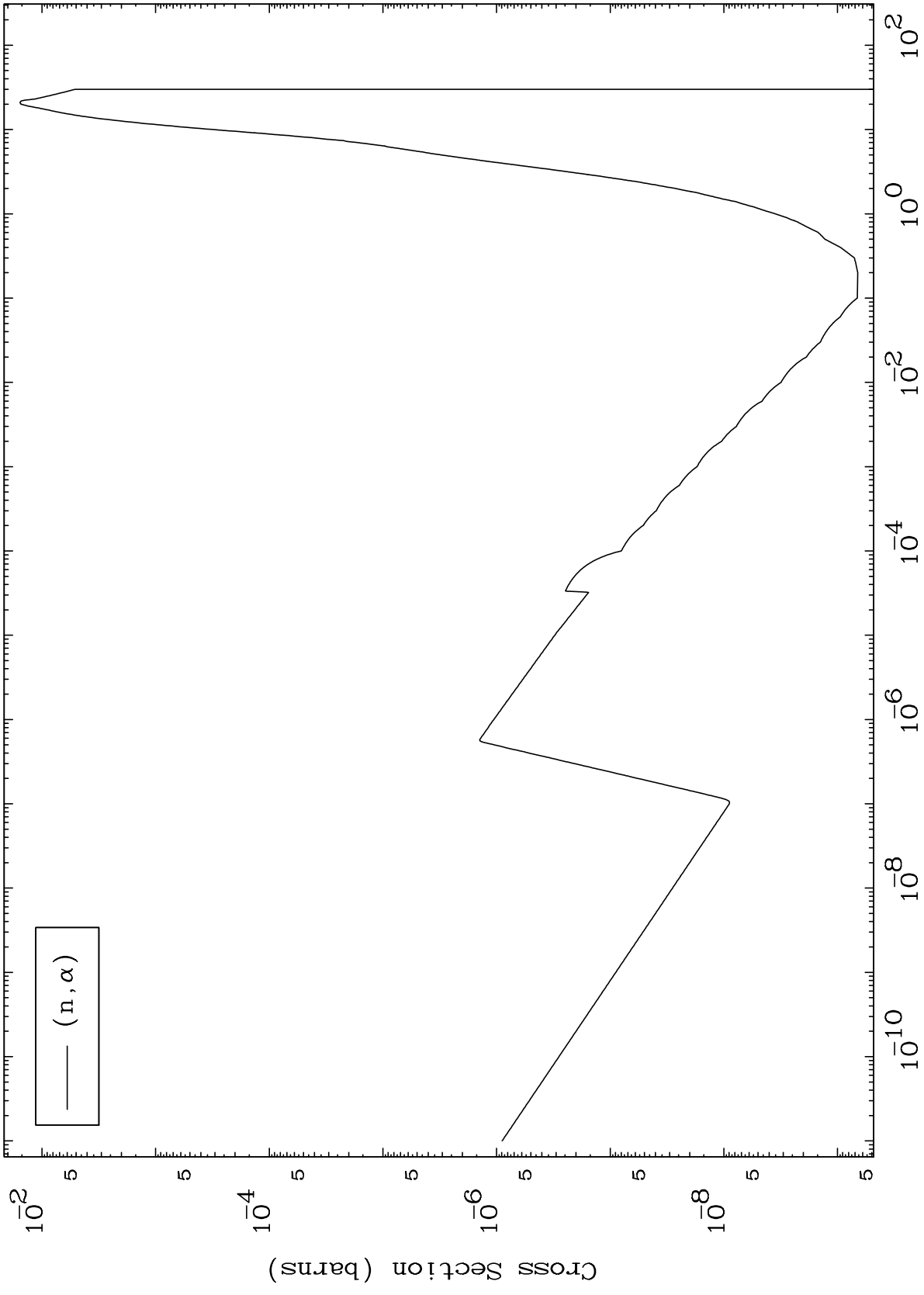
Incident Energy (MeV)

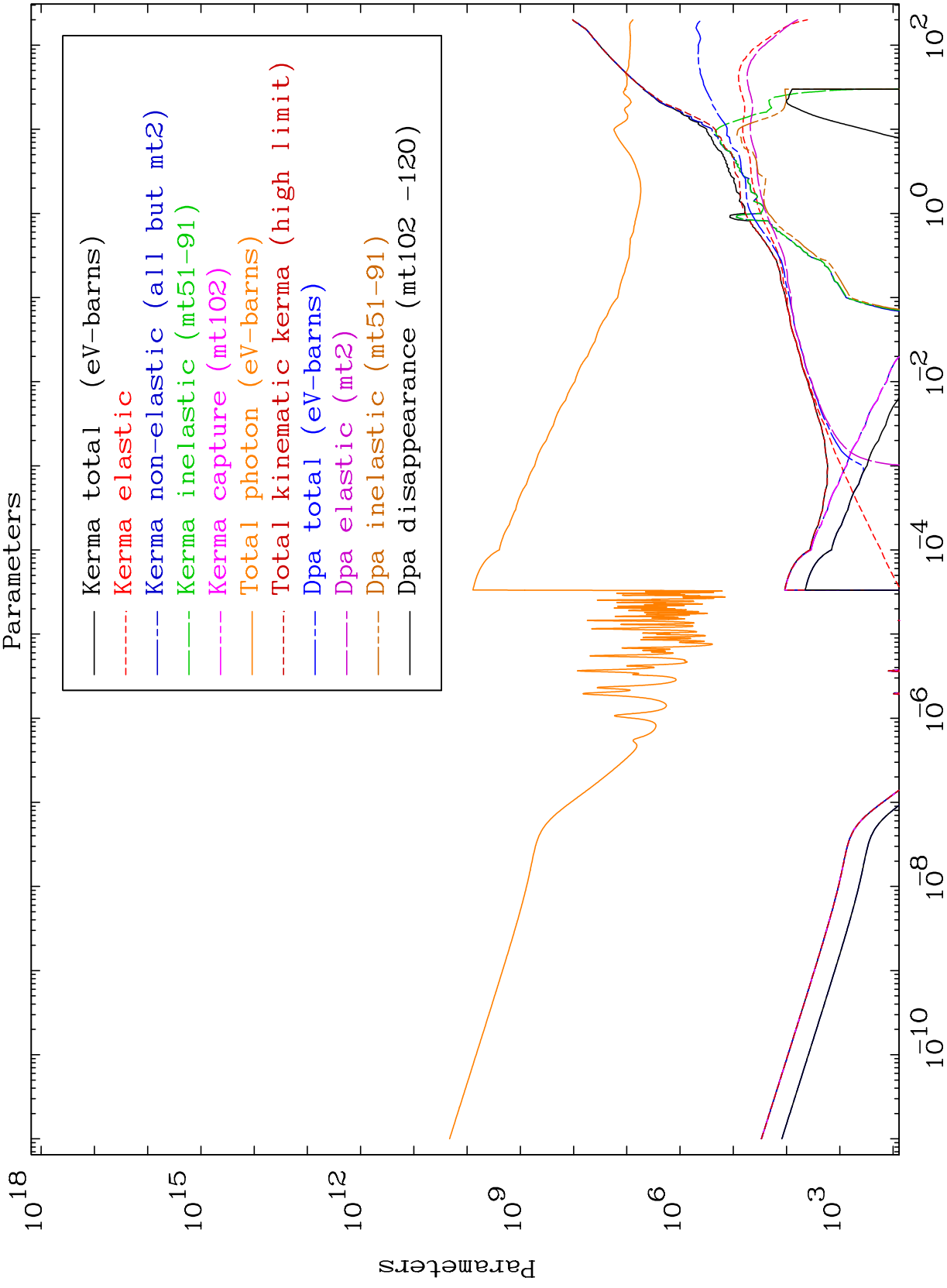
65-Tb-155

MAT 6513

(n,α) Levels  
293 Kelvin Cross Sections

65-Tb-155



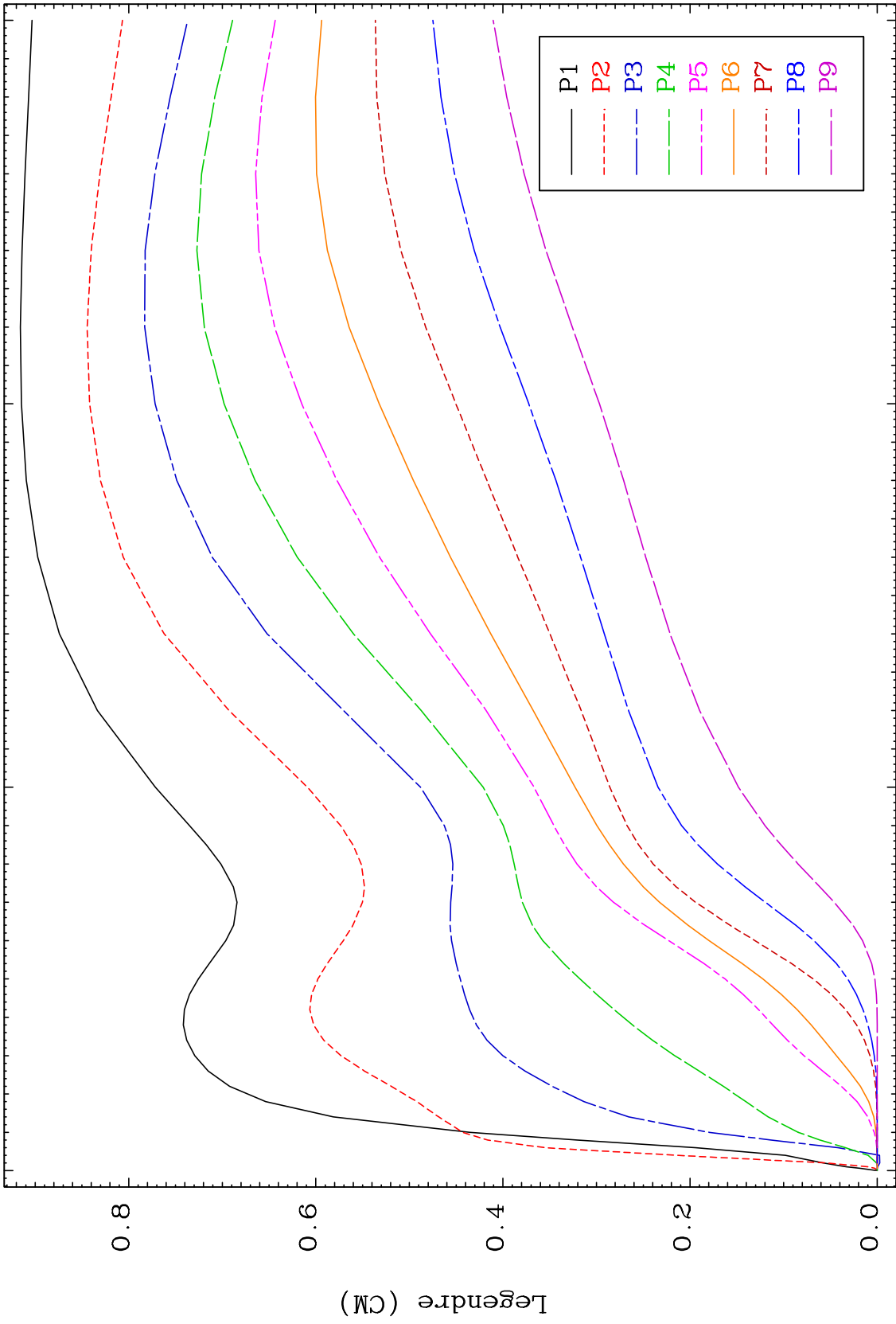




MAT 6513

Elastic Legendre Coefficients

65-Tb-155



0

0.0

0.2

0.4

0.6

0.8

Incident Energy (MeV)

10

20

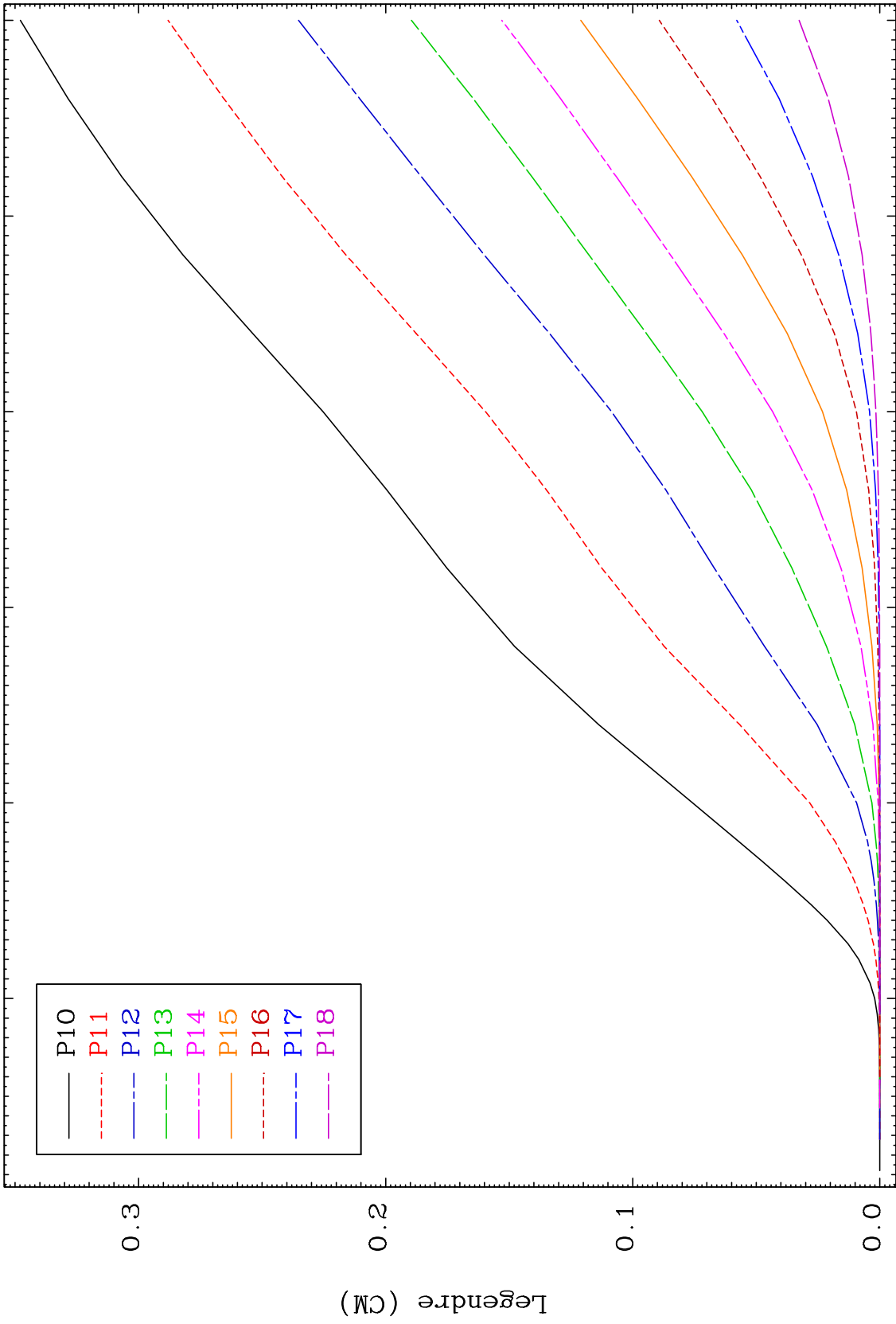
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65-Tb-155

MAT 6513

Elastic Legendre Coefficients

65-Tb-155



17

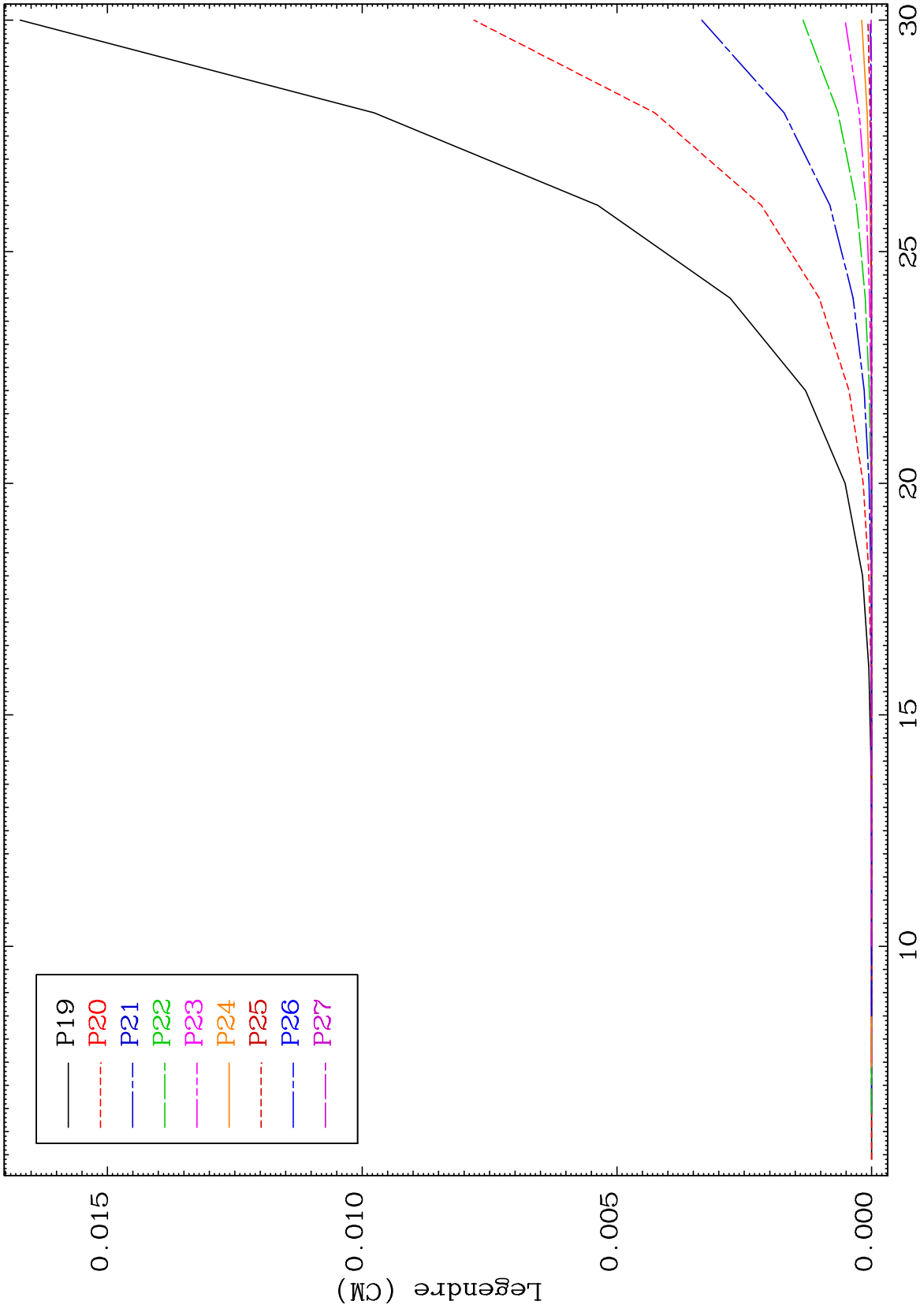
Incident Energy (MeV)

65-Tb-155

MAT 6513

### Elastic Legendre Coefficients

65-Tb-155



18

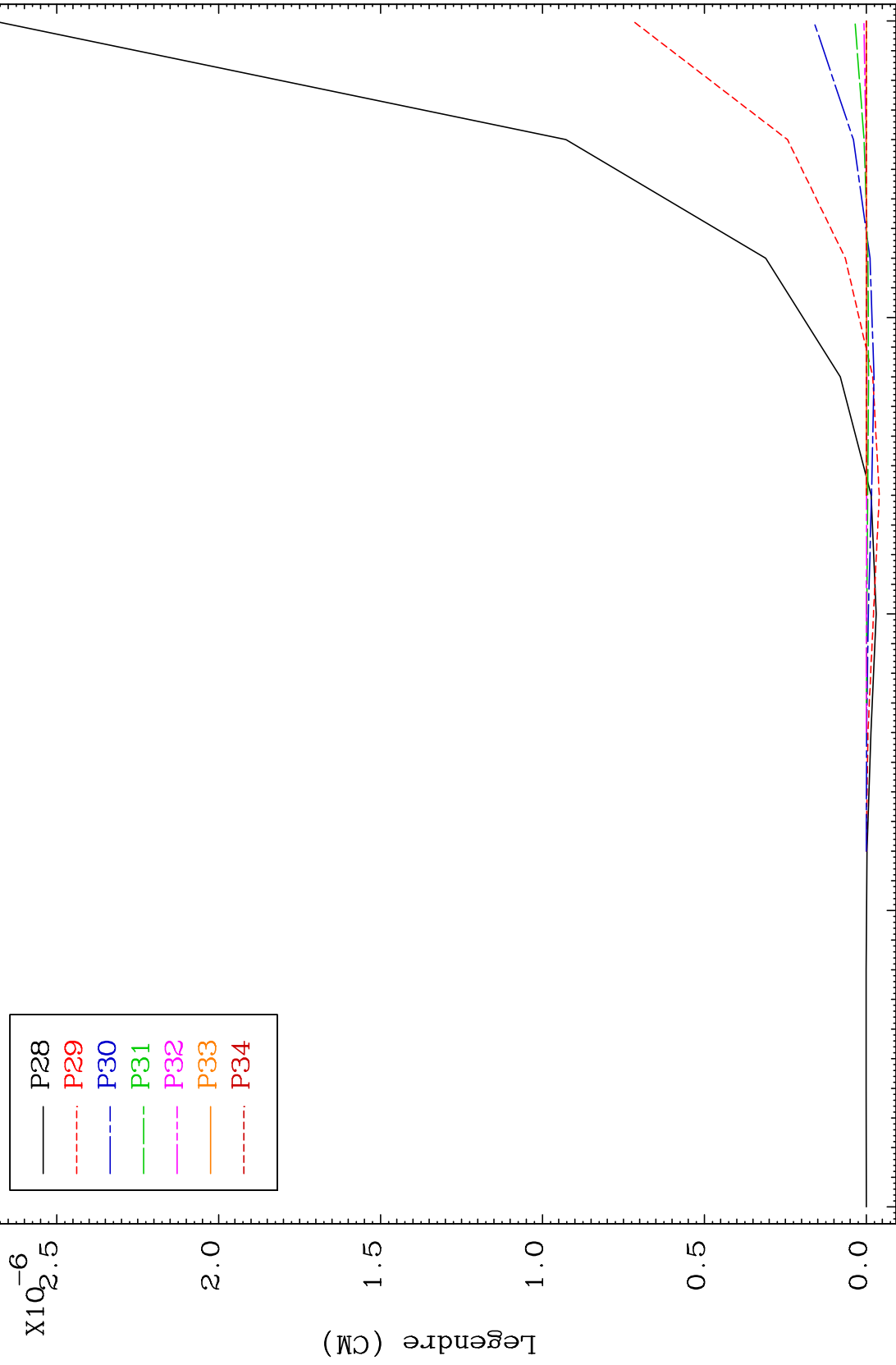
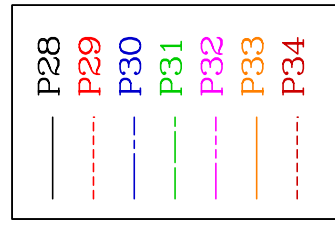
Incident Energy (MeV)

65-Tb-155

MAT 6513

Elastic Legendre Coefficients

65-Tb-155

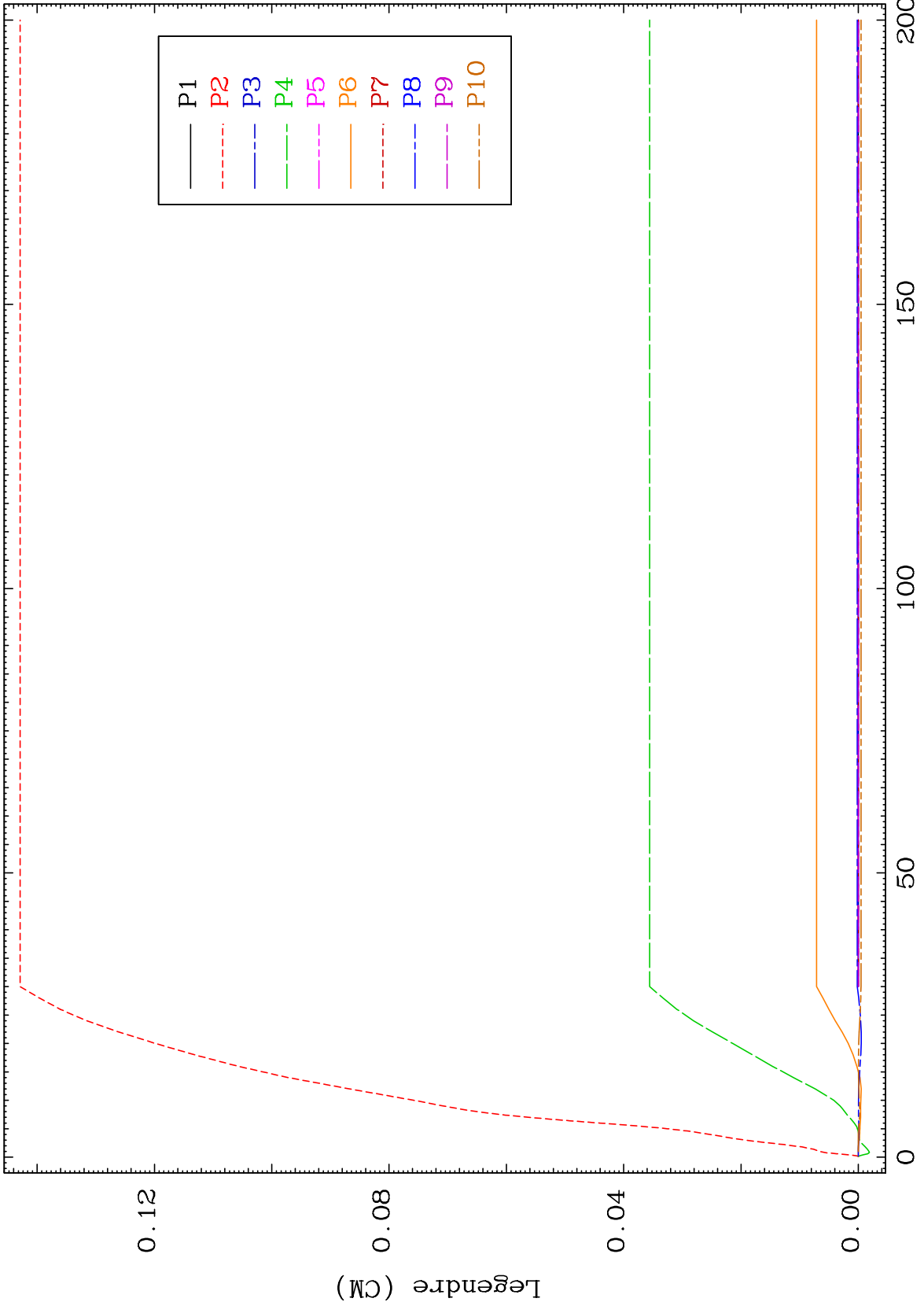


19

Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 51 (n,n') Level Legendre Coefficients 65-Tb-155

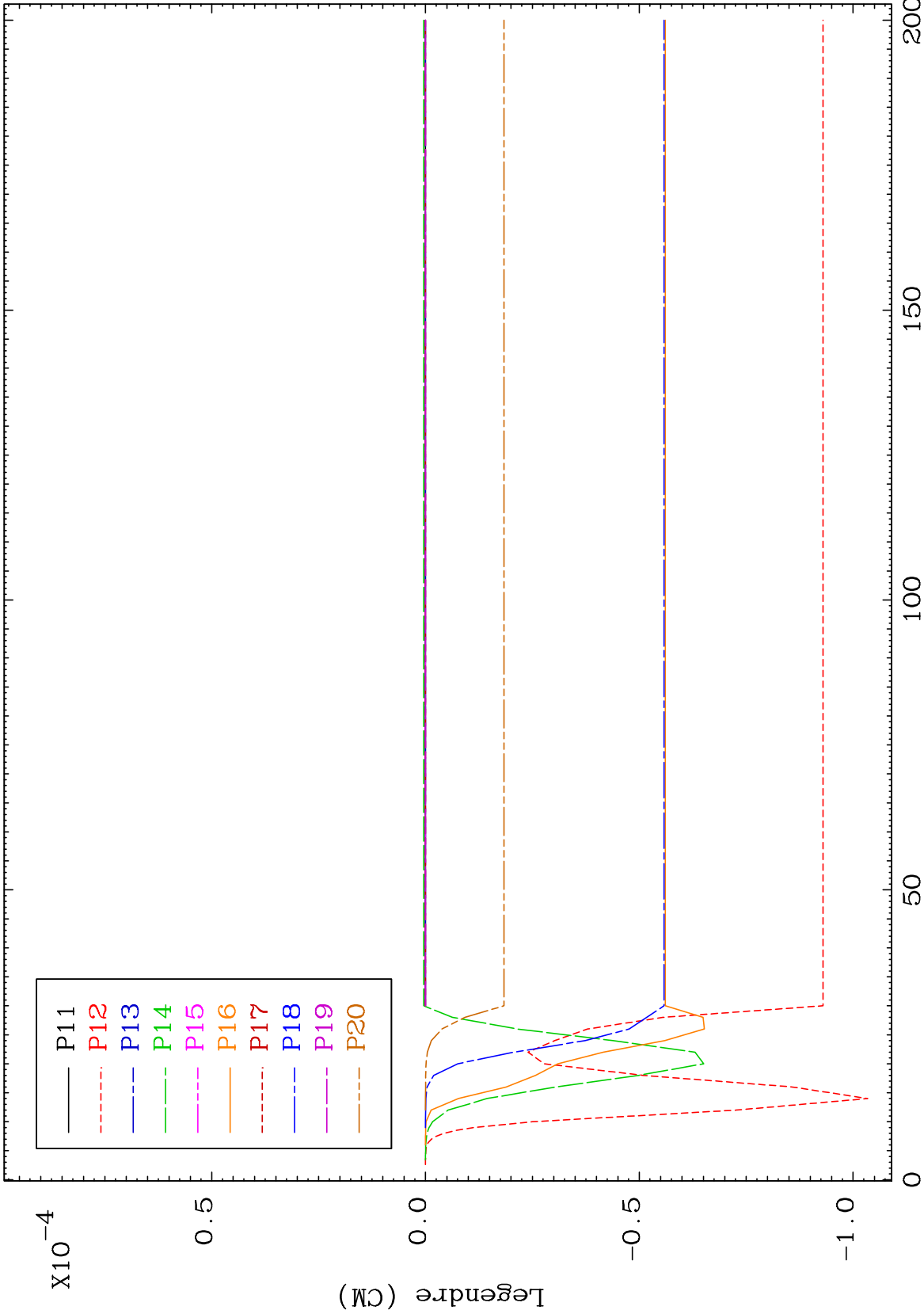


65-Tb-155

MAT 6513

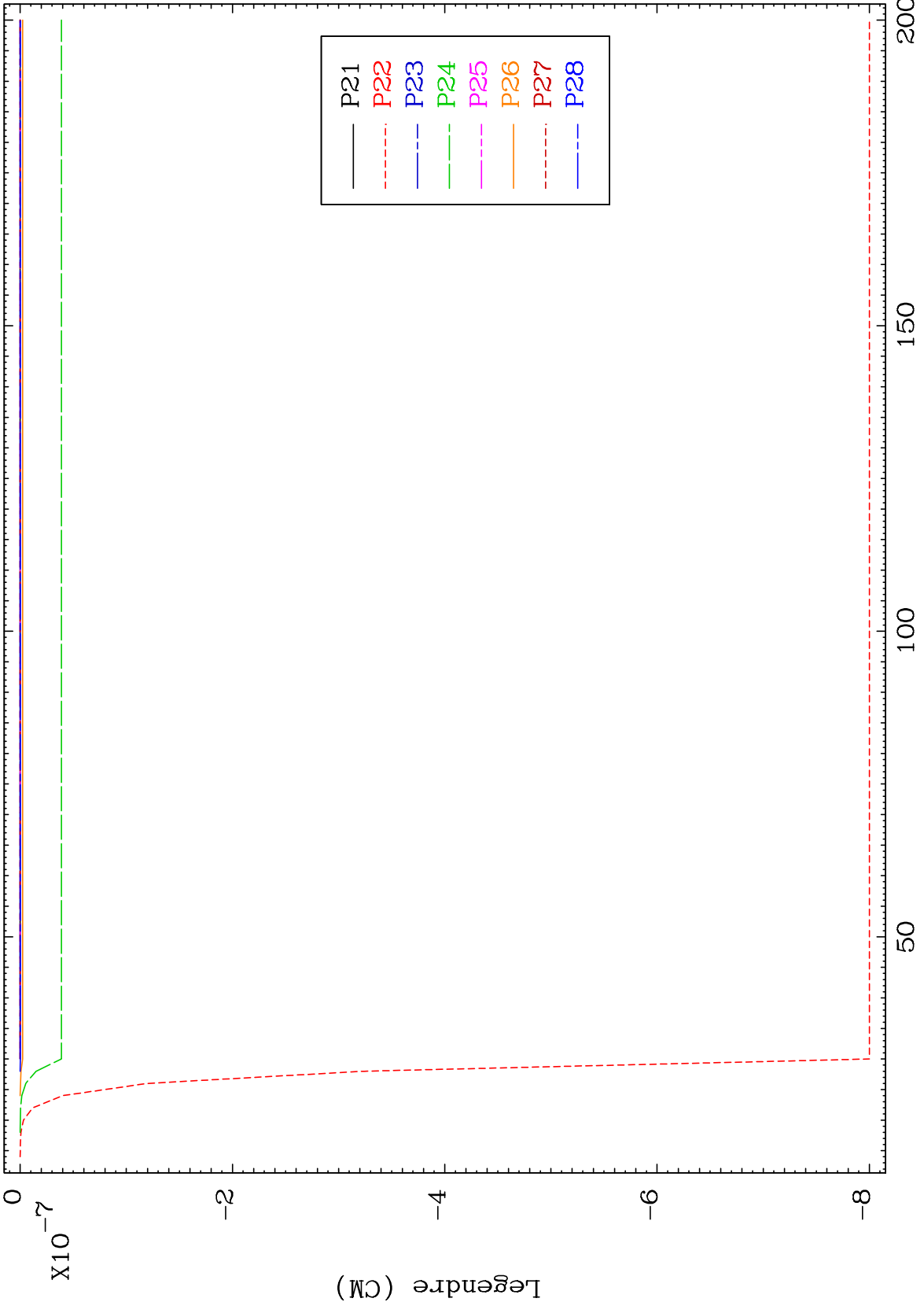
MT= 51 (n,n') Level  
Legendre Coefficients

65-Tb-155



21

MAT 6513 MT= 51 (n,n') Level Legendre Coefficients 65-Tb-155

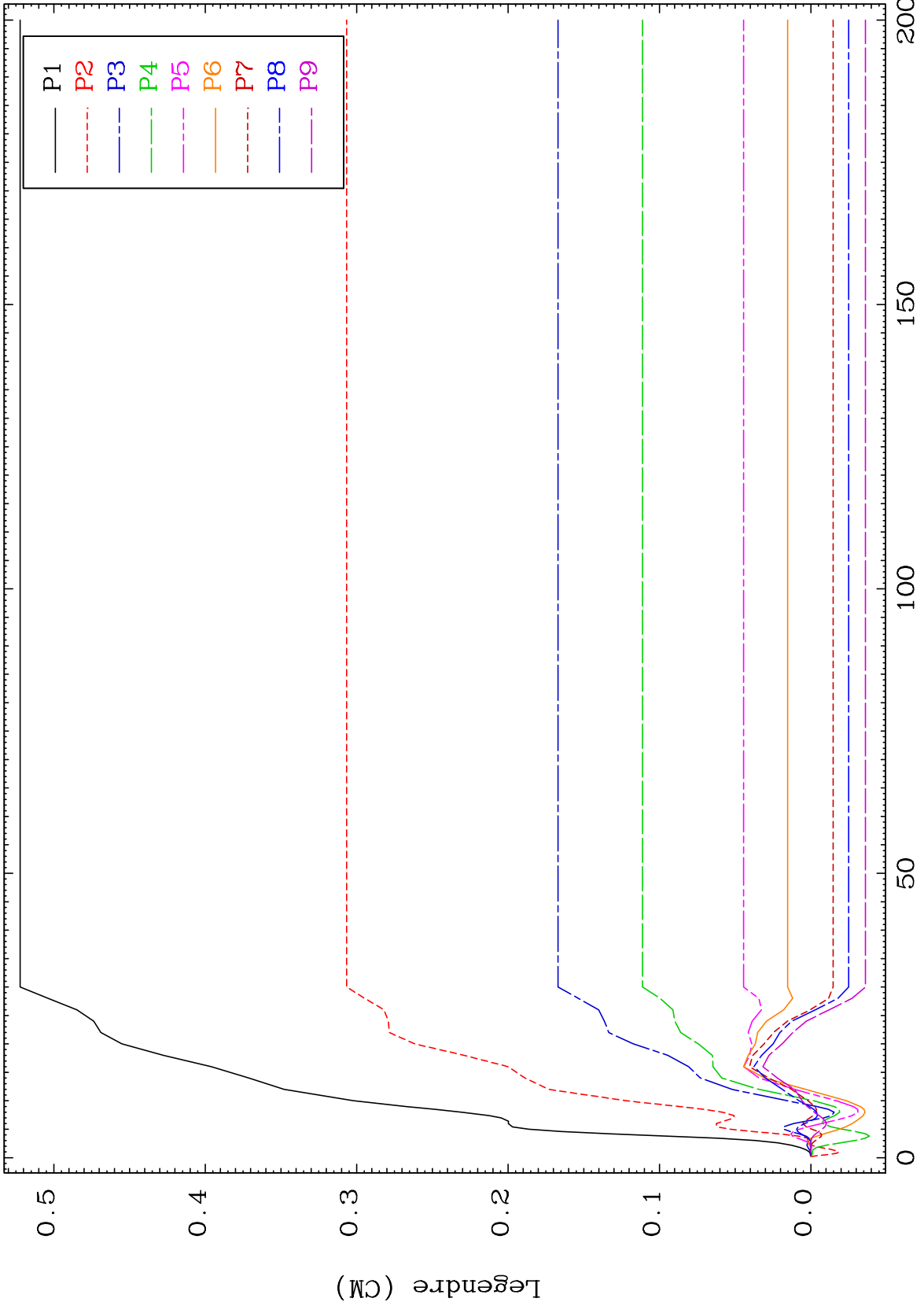


22 65-Tb-155

MAT 6513

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

65-Tb-155



23

Incident Energy (MeV)

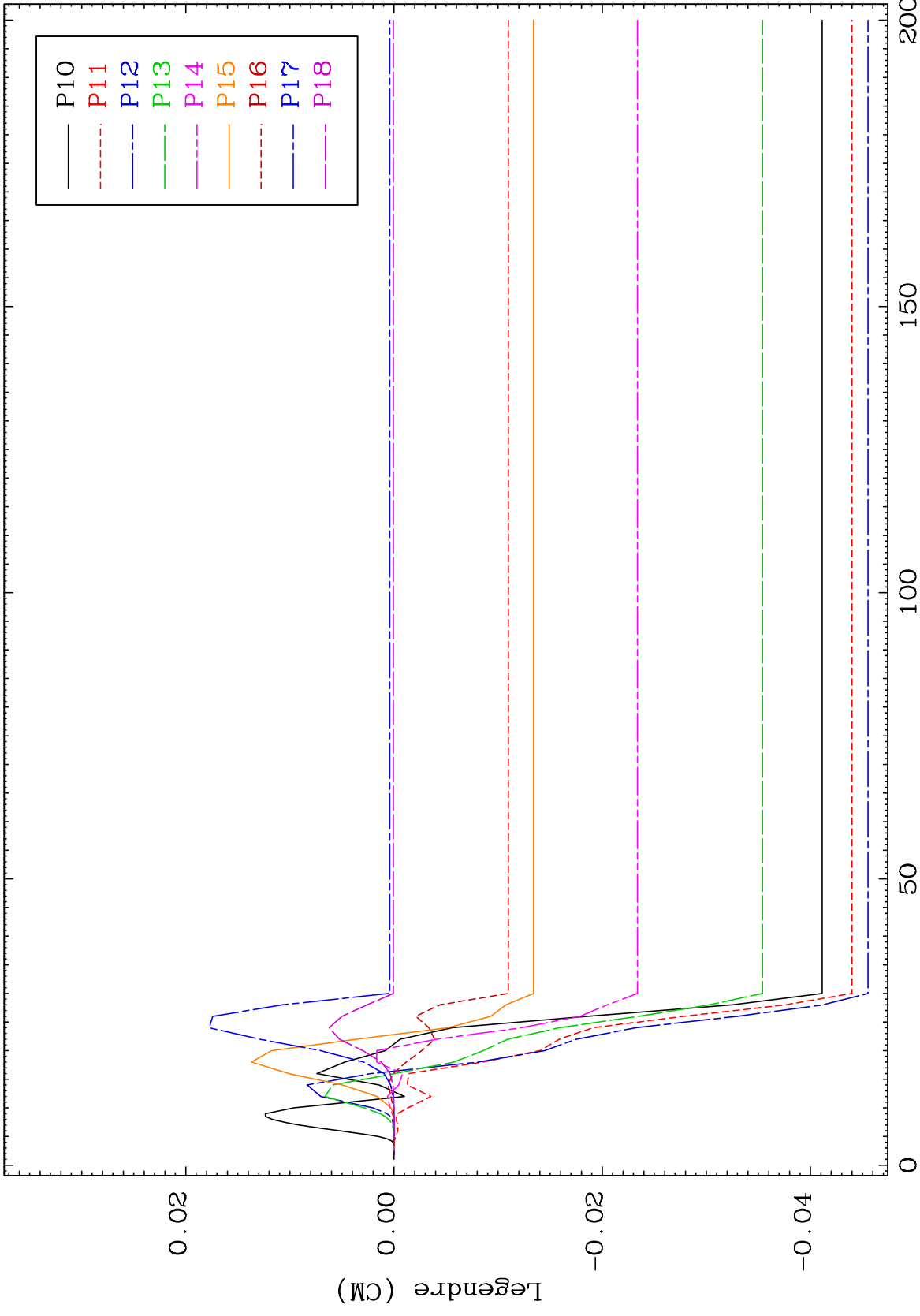
65-Tb-155



MAT 6513

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

65-Tb-155



24

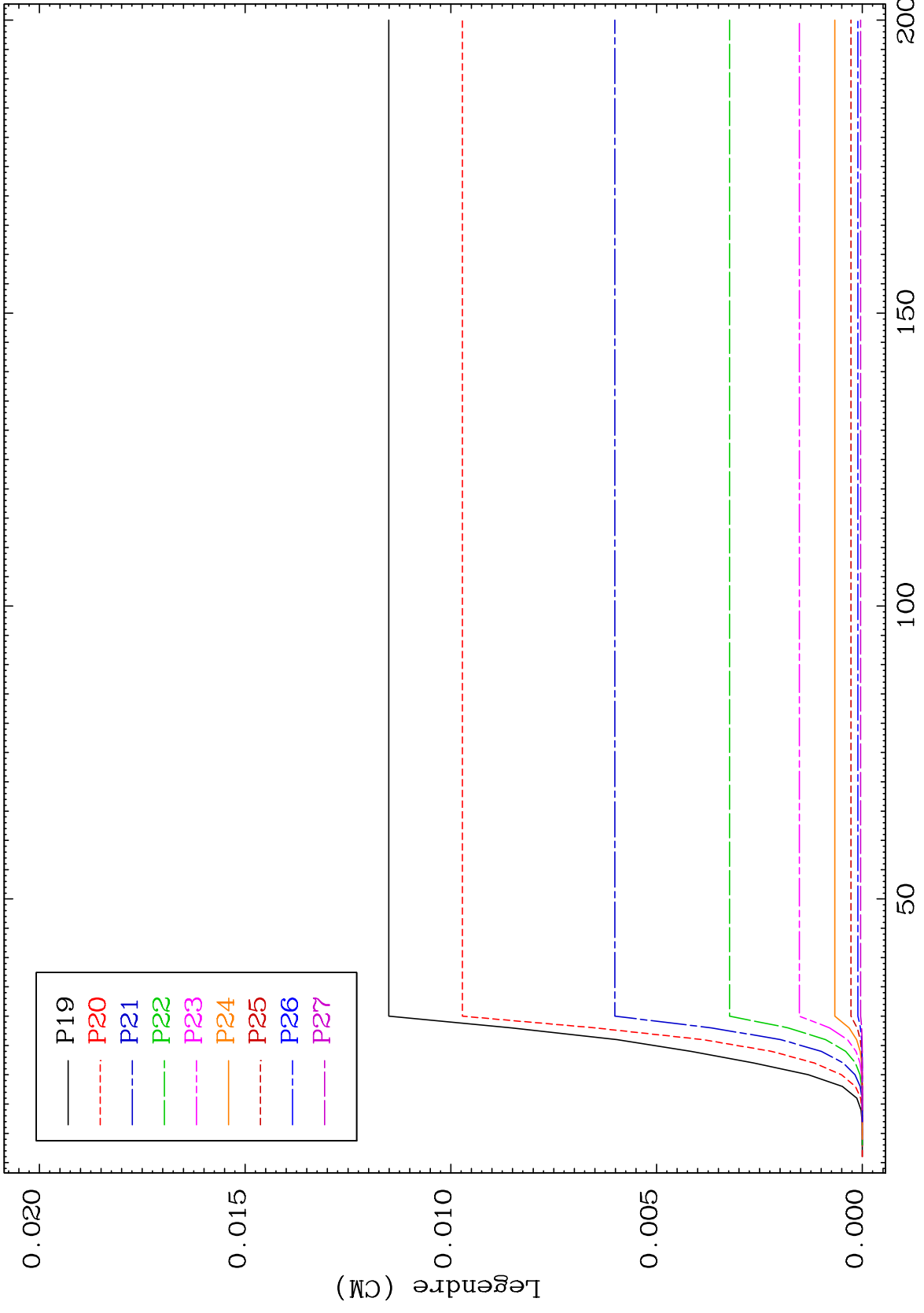
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



25

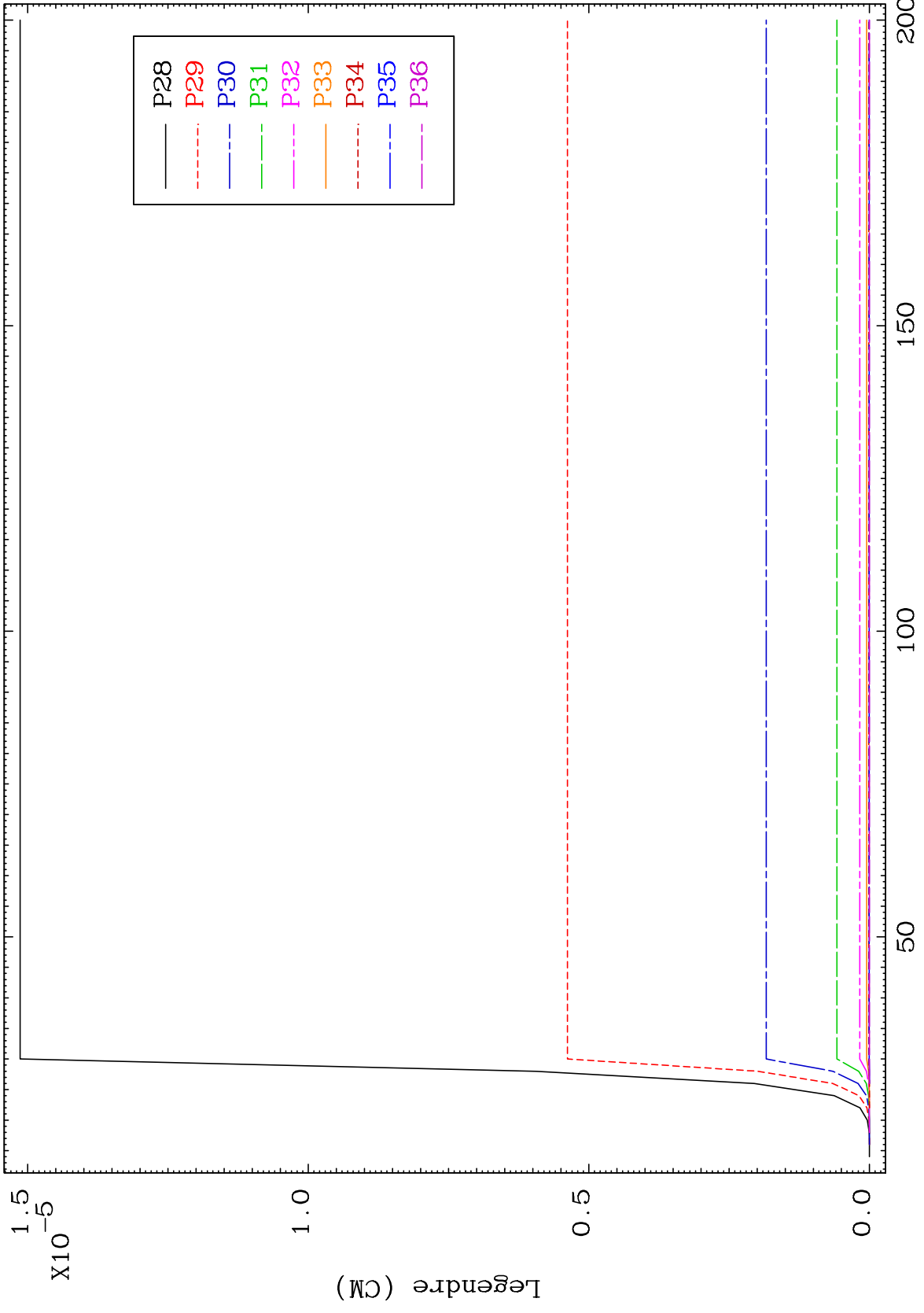
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

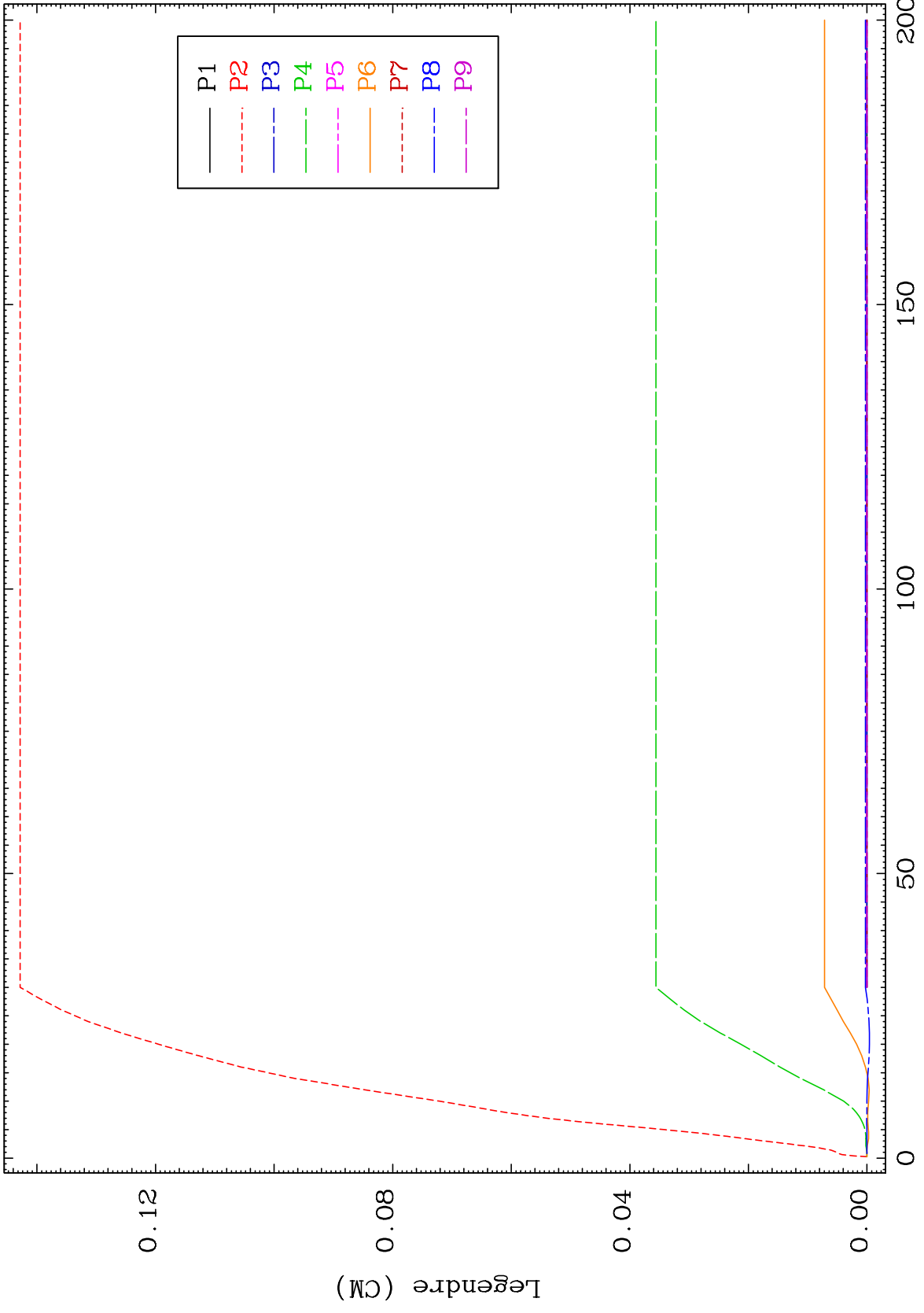


26

Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 53 (n,n') Level Legendre Coefficients 65-Tb-155

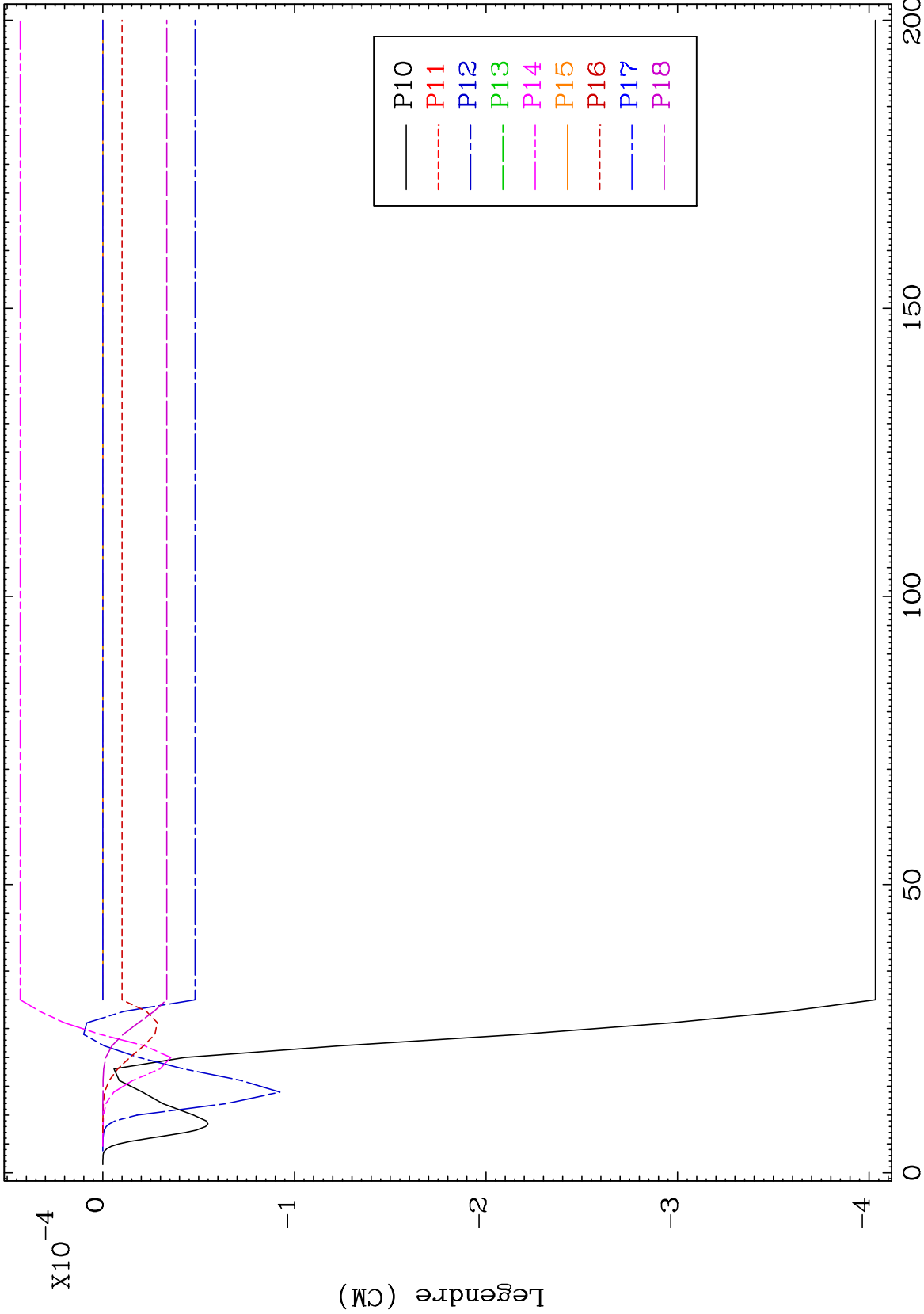


27 Incident Energy (MeV) 65-Tb-155

MAT 6513

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

65-Tb-155

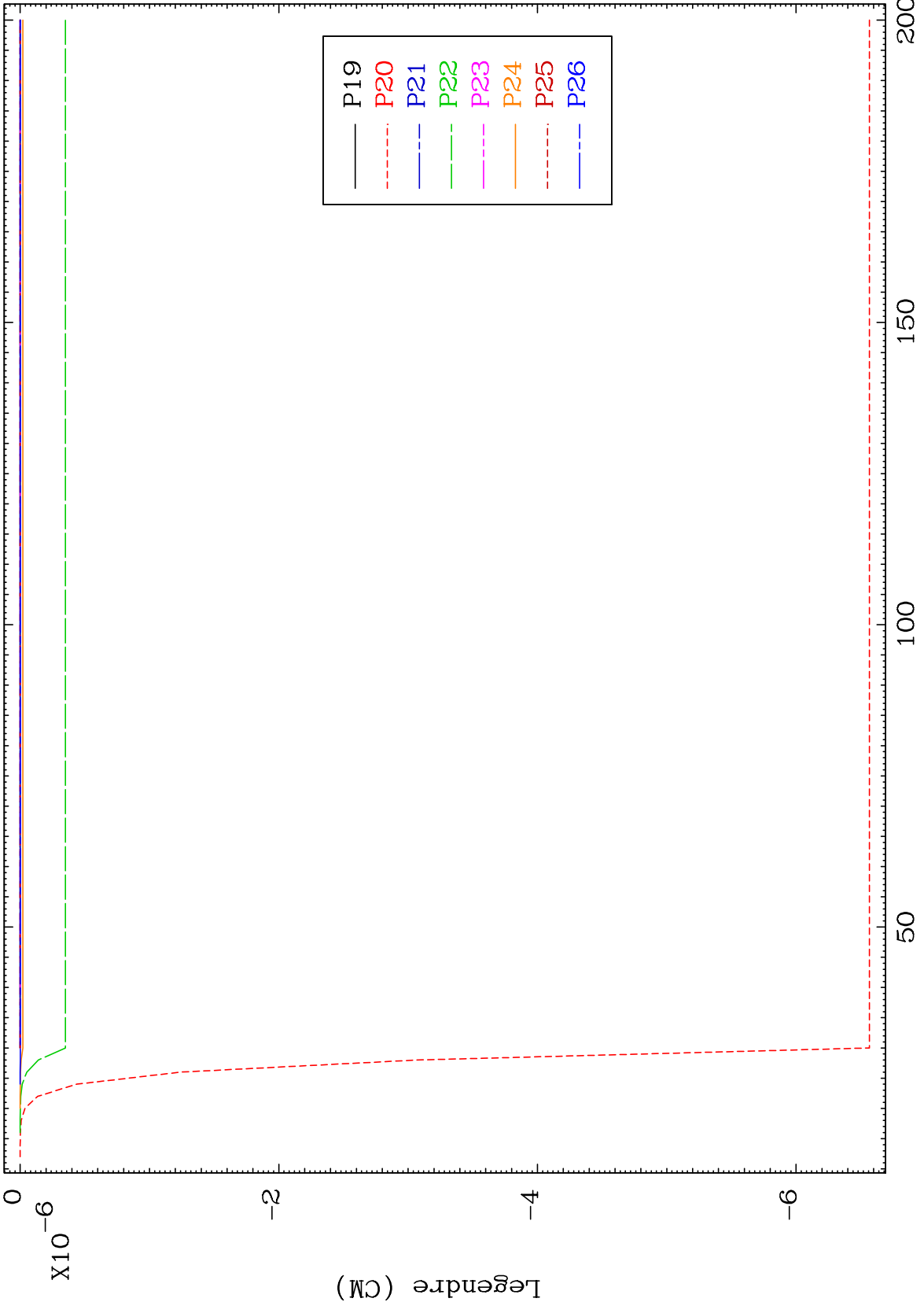


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Incident Energy (MeV)

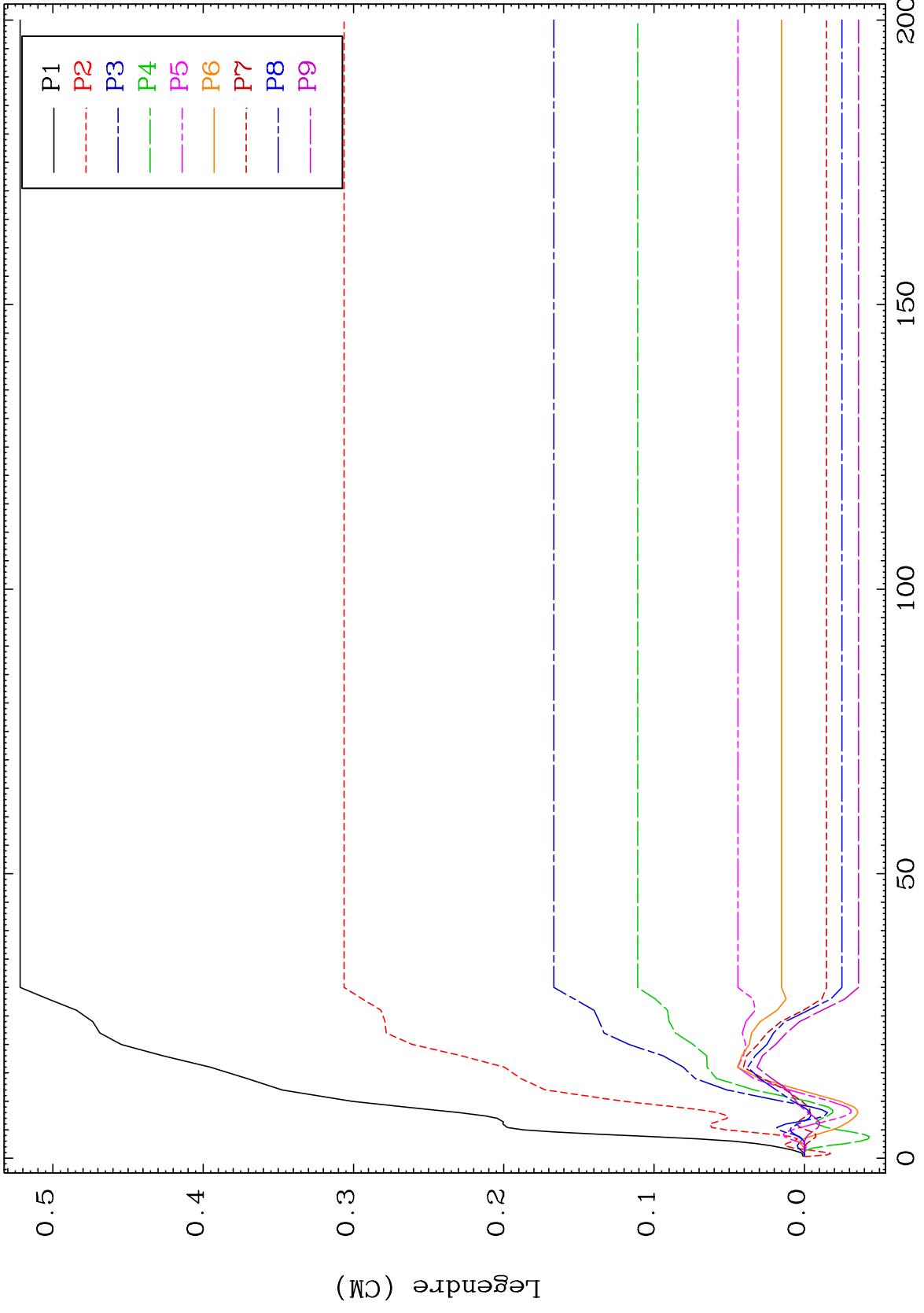
65-Tb-155

MAT 6513 MT= 53 (n,n') Level Legendre Coefficients 65-Tb-155



29 65-Tb-155

MAT 6513 MT= 54 (n,n') Level Legendre Coefficients 65-Tb-155

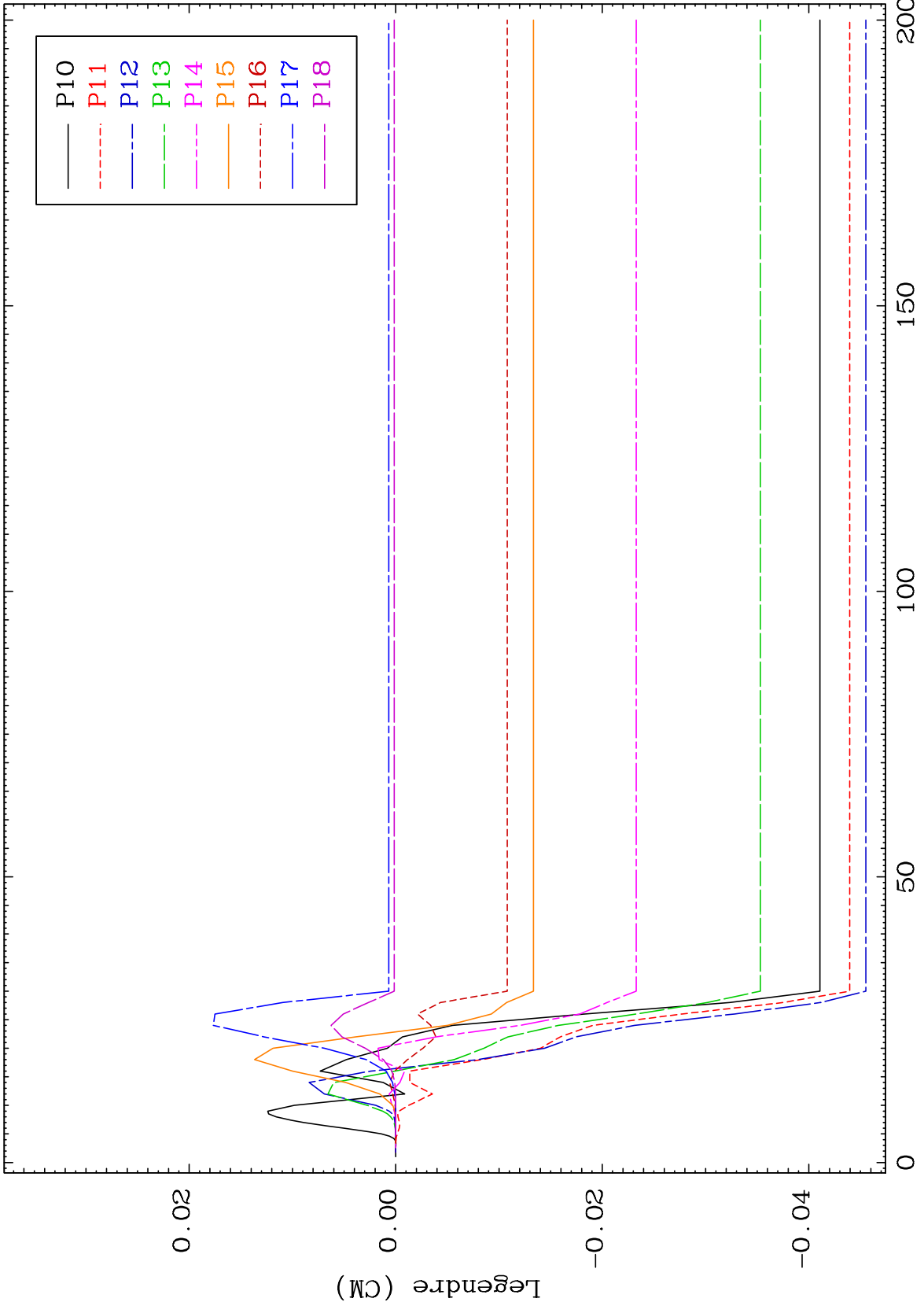


30 50 100 150 200 65-Tb-155

MAT 6513

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

65-Tb-155



31

Incident Energy (MeV)

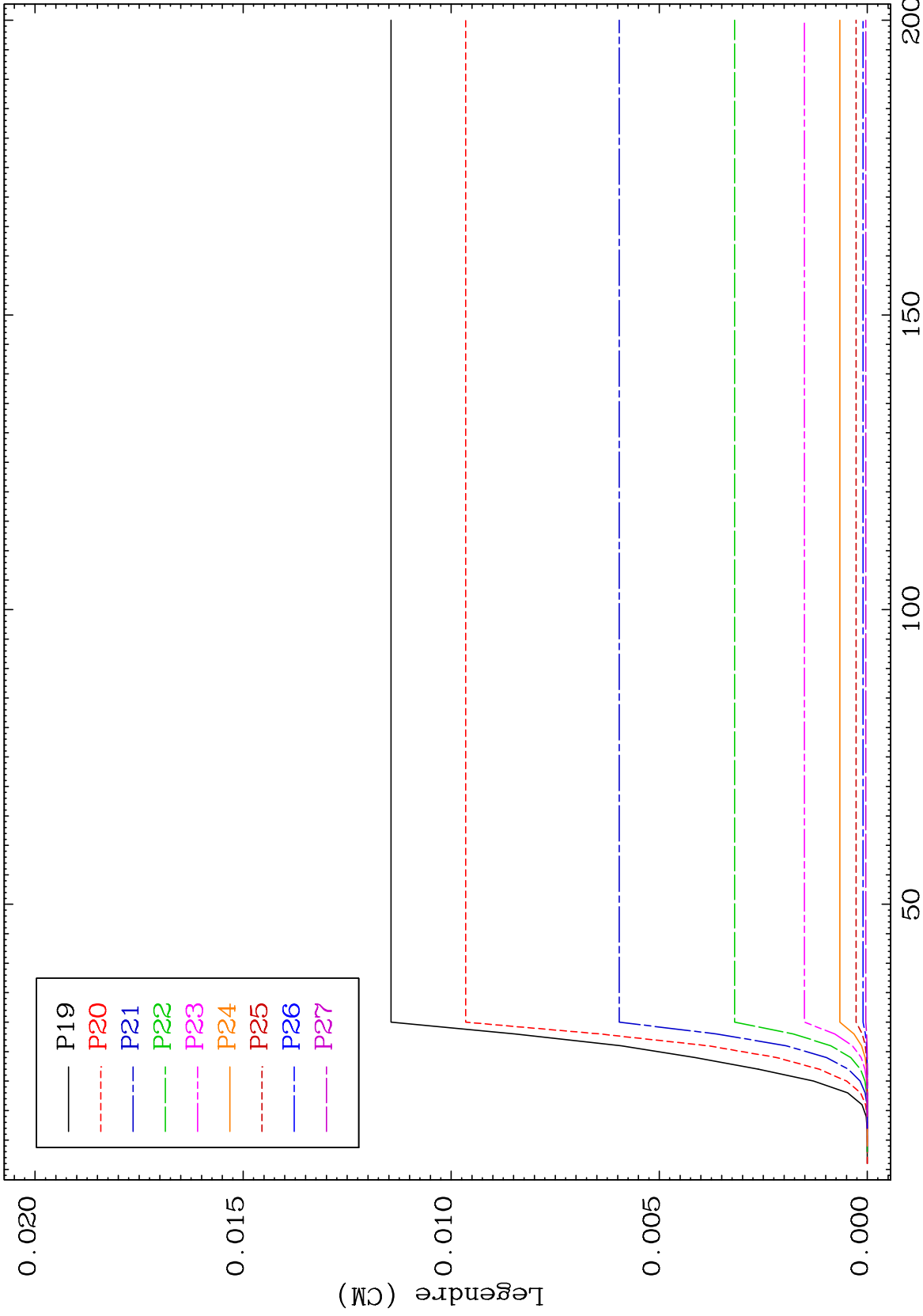
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MAT 6513

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

65-Tb-155

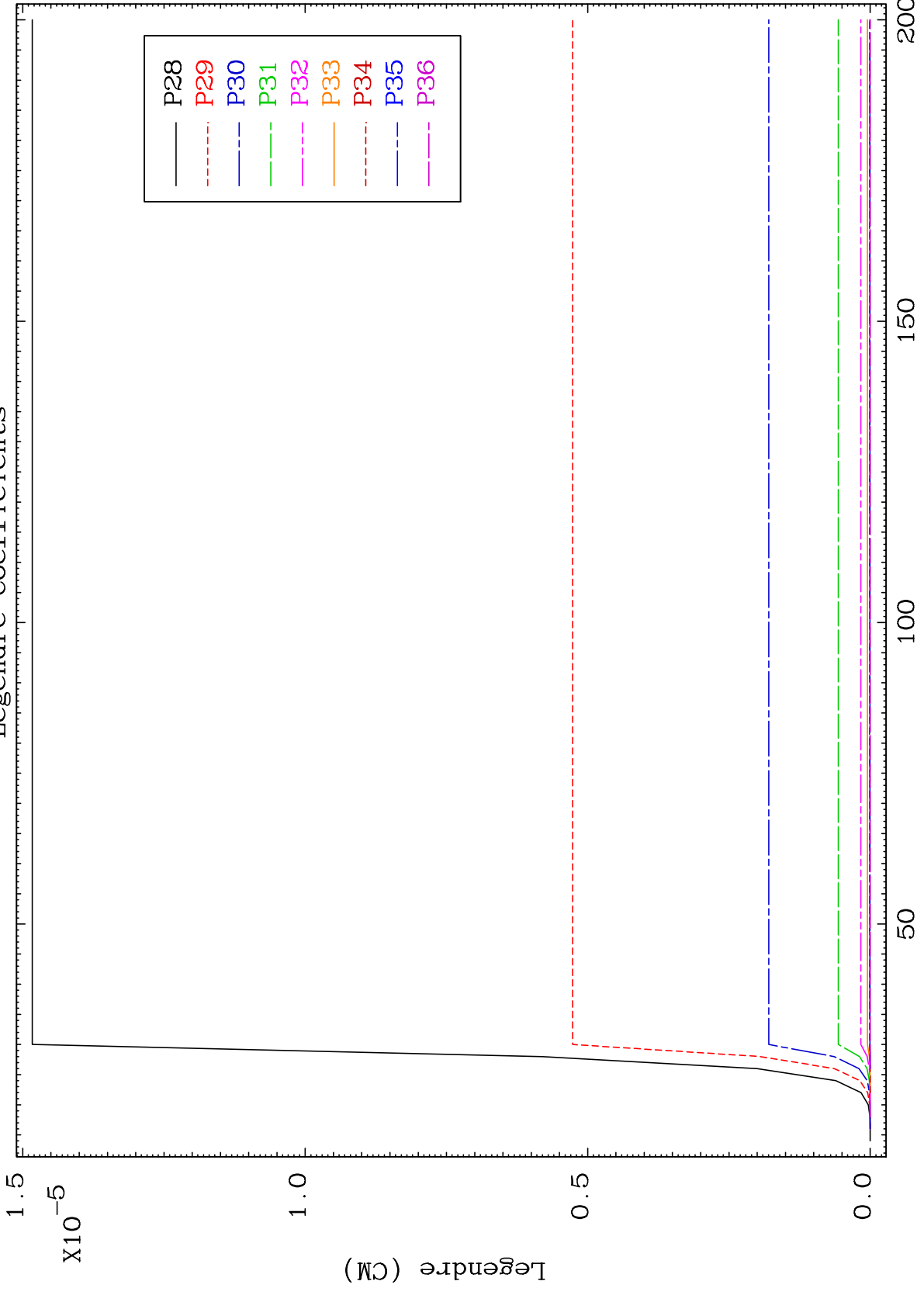


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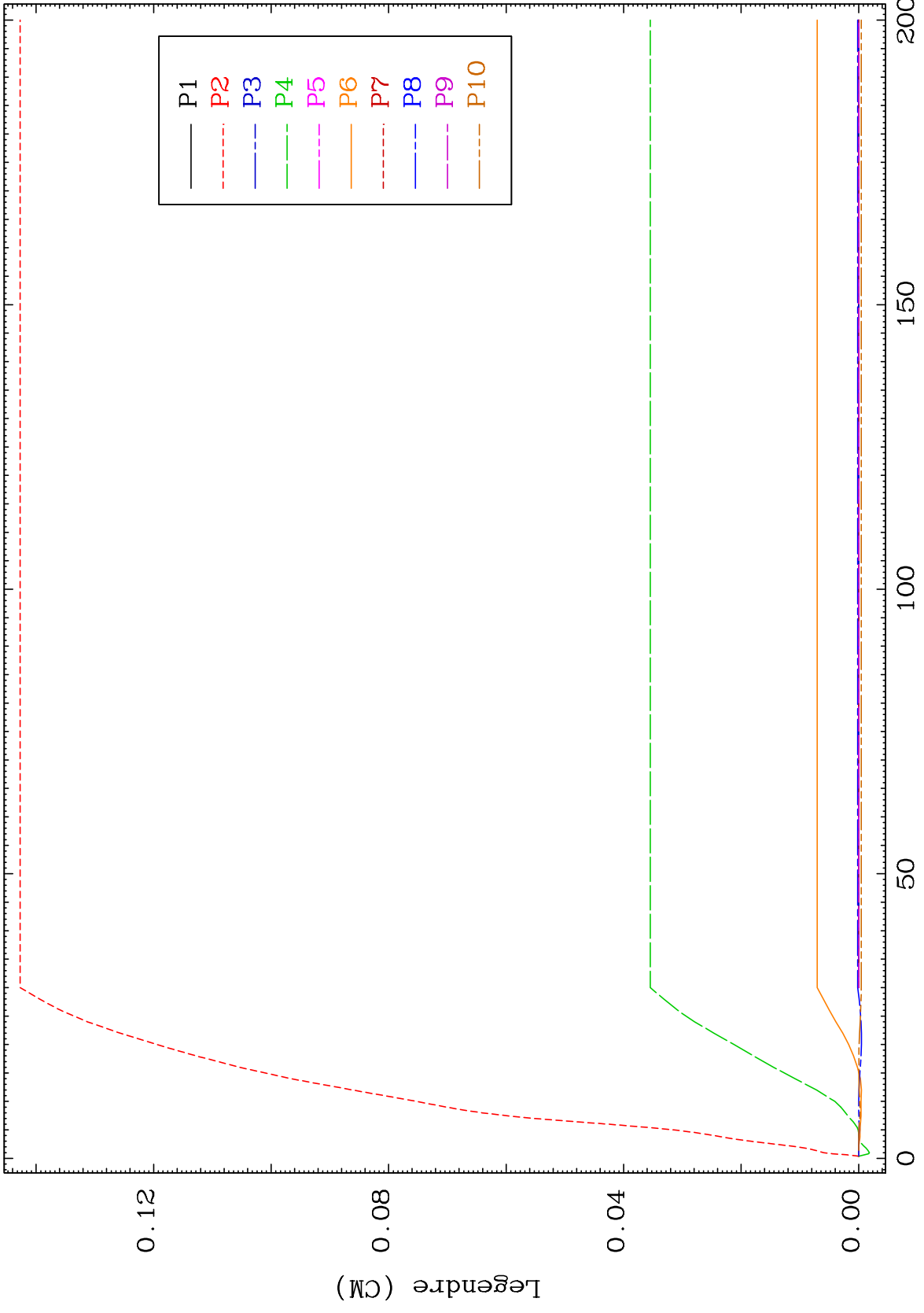
Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 54 (n,n') Level Legendre Coefficients 65-Tb-155



MAT 6513 MT= 55 (n,n') Level Legendre Coefficients 65-Tb-155

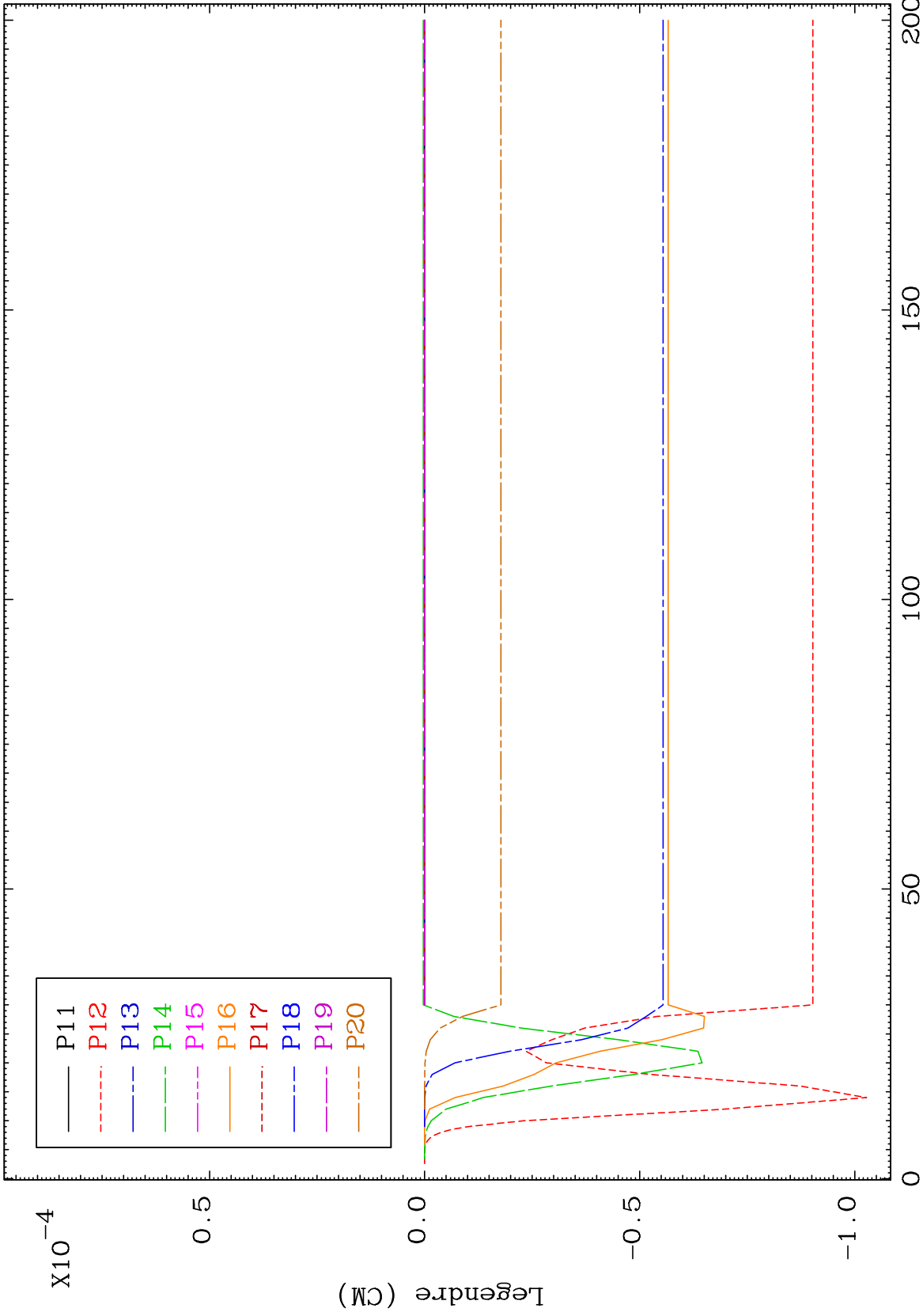


34 65-Tb-155

MAT 6513

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

65-Tb-155



35

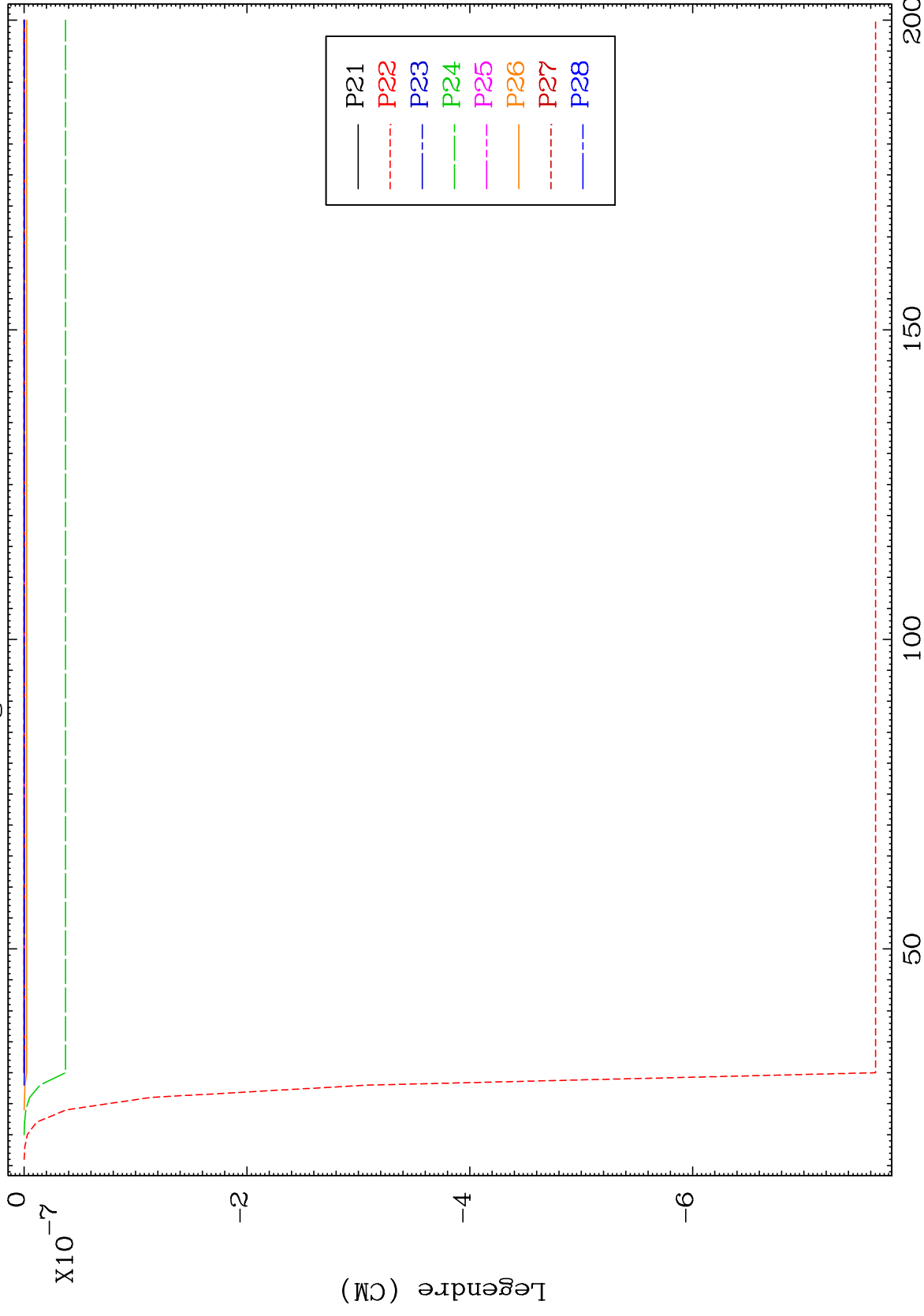
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



65-Tb-155

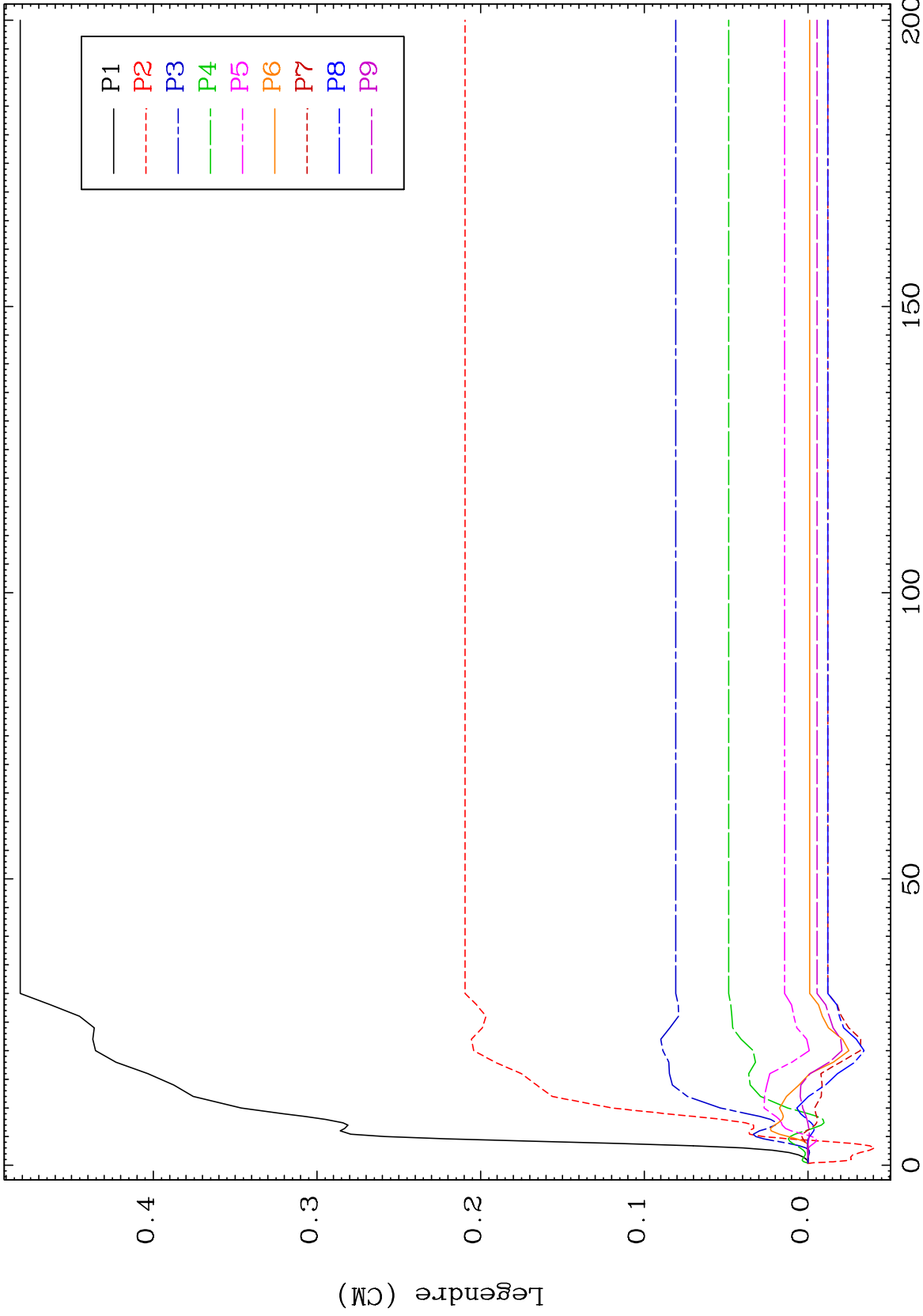
Incident Energy (MeV)

36

MAT 6513

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

65-Tb-155

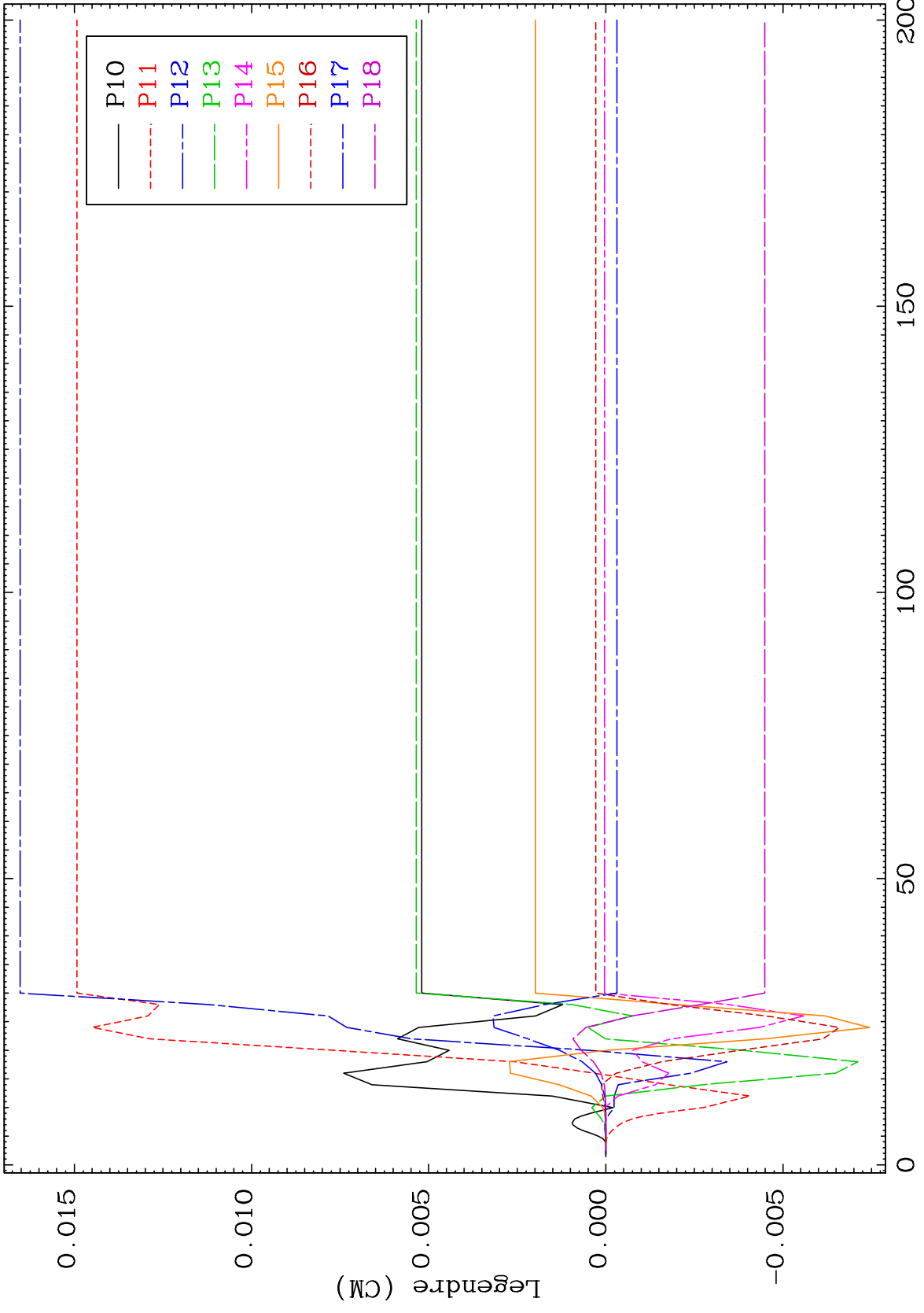


37

Incident Energy (MeV)

65-Tb-155

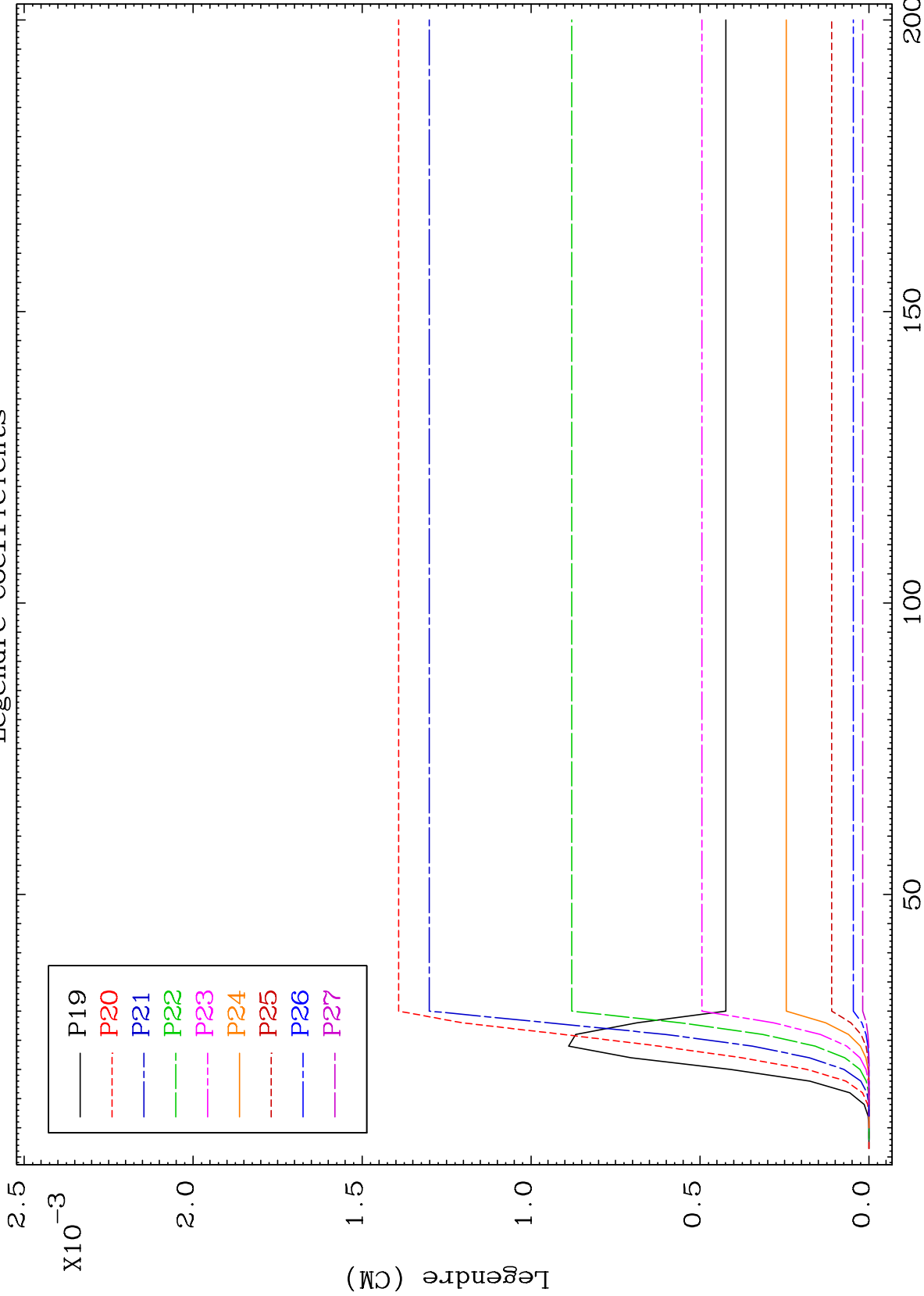
MAT 6513 MT= 56 (n,n') Level Legendre Coefficients 65-Tb-155



MAT 6513

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

65-Tb-155



39

Incident Energy (MeV)

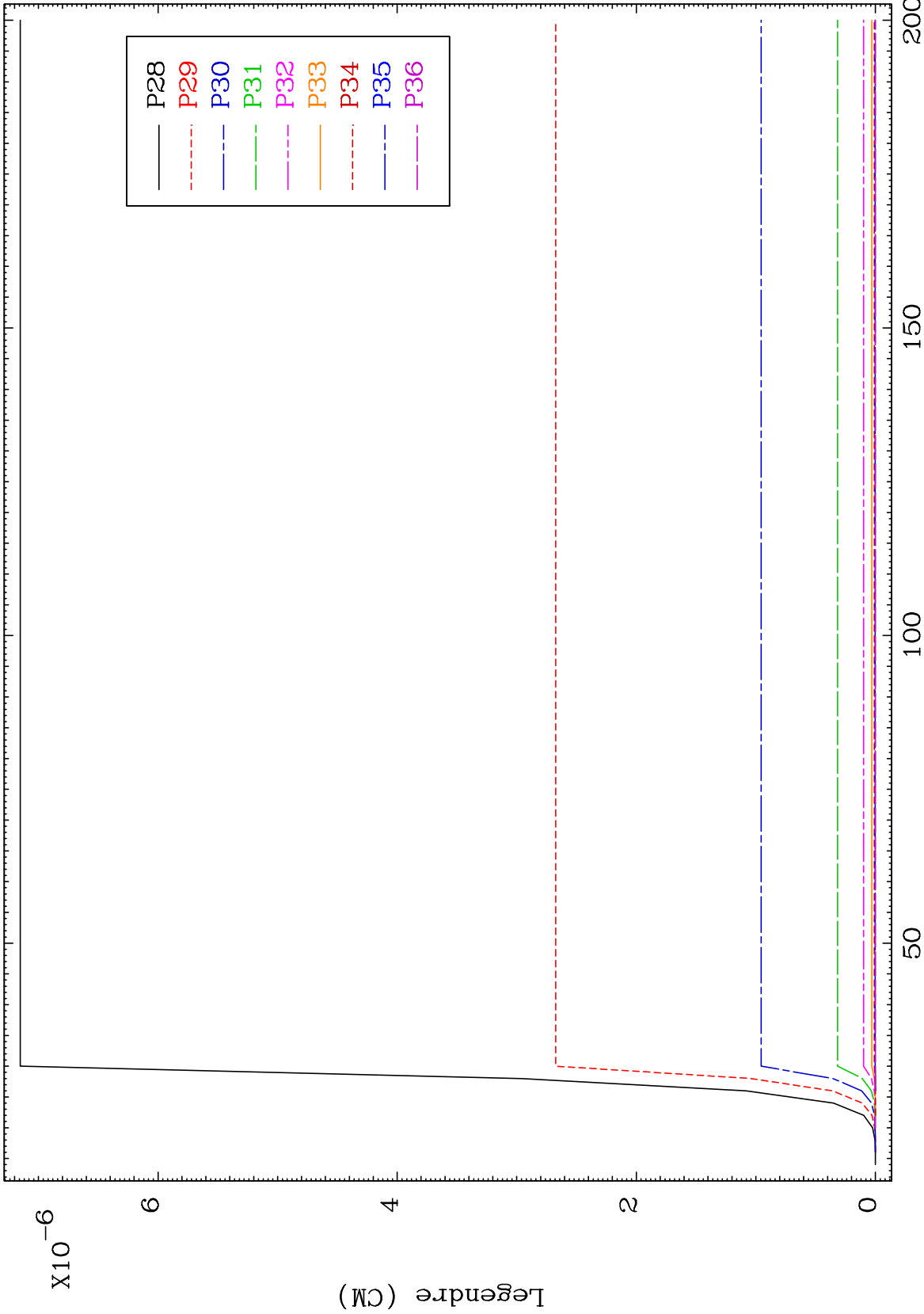
65-Tb-155



MAT 6513

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

65-Tb-155



40

50

100

150

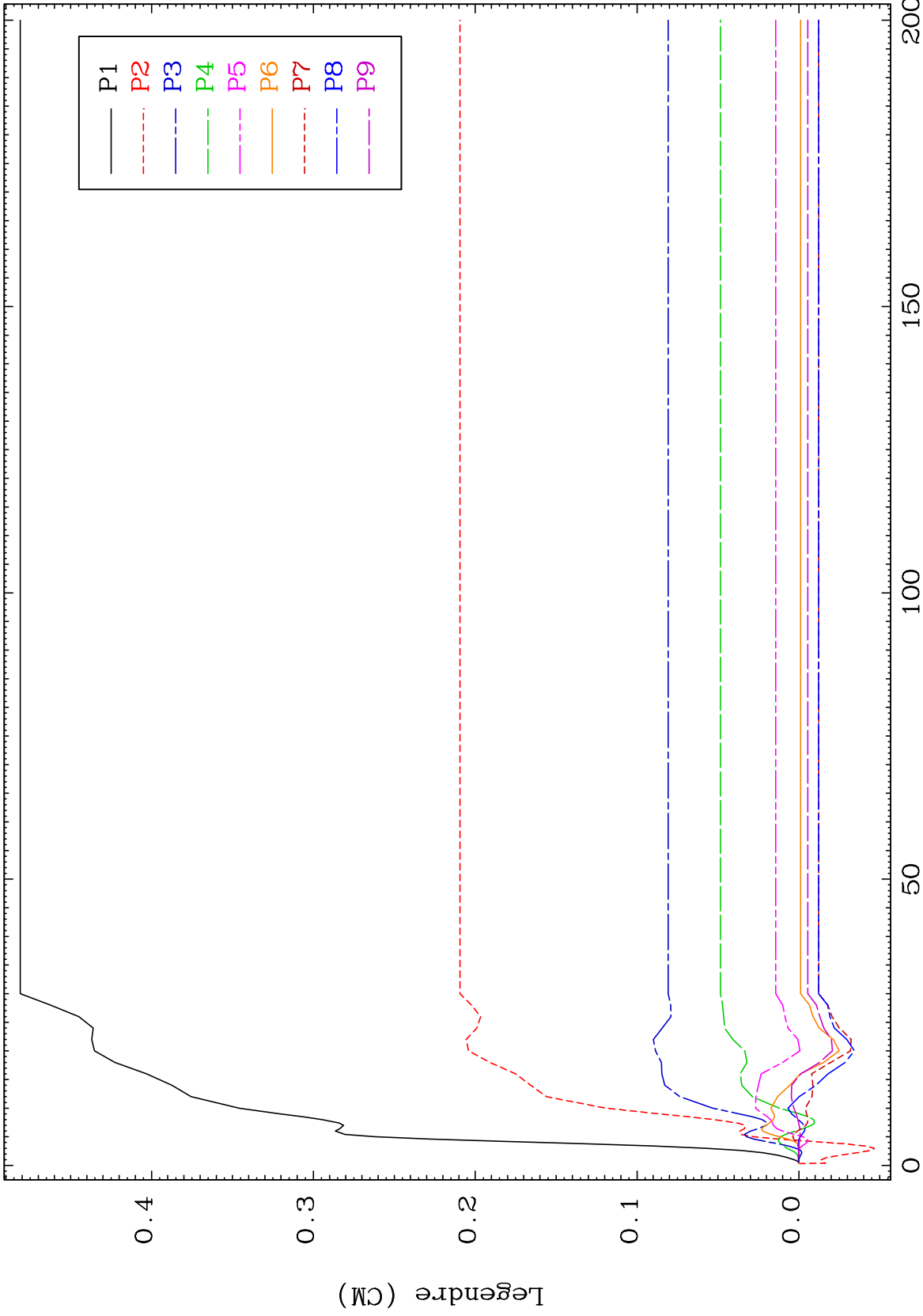
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65-Tb-155

MAT 6513

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

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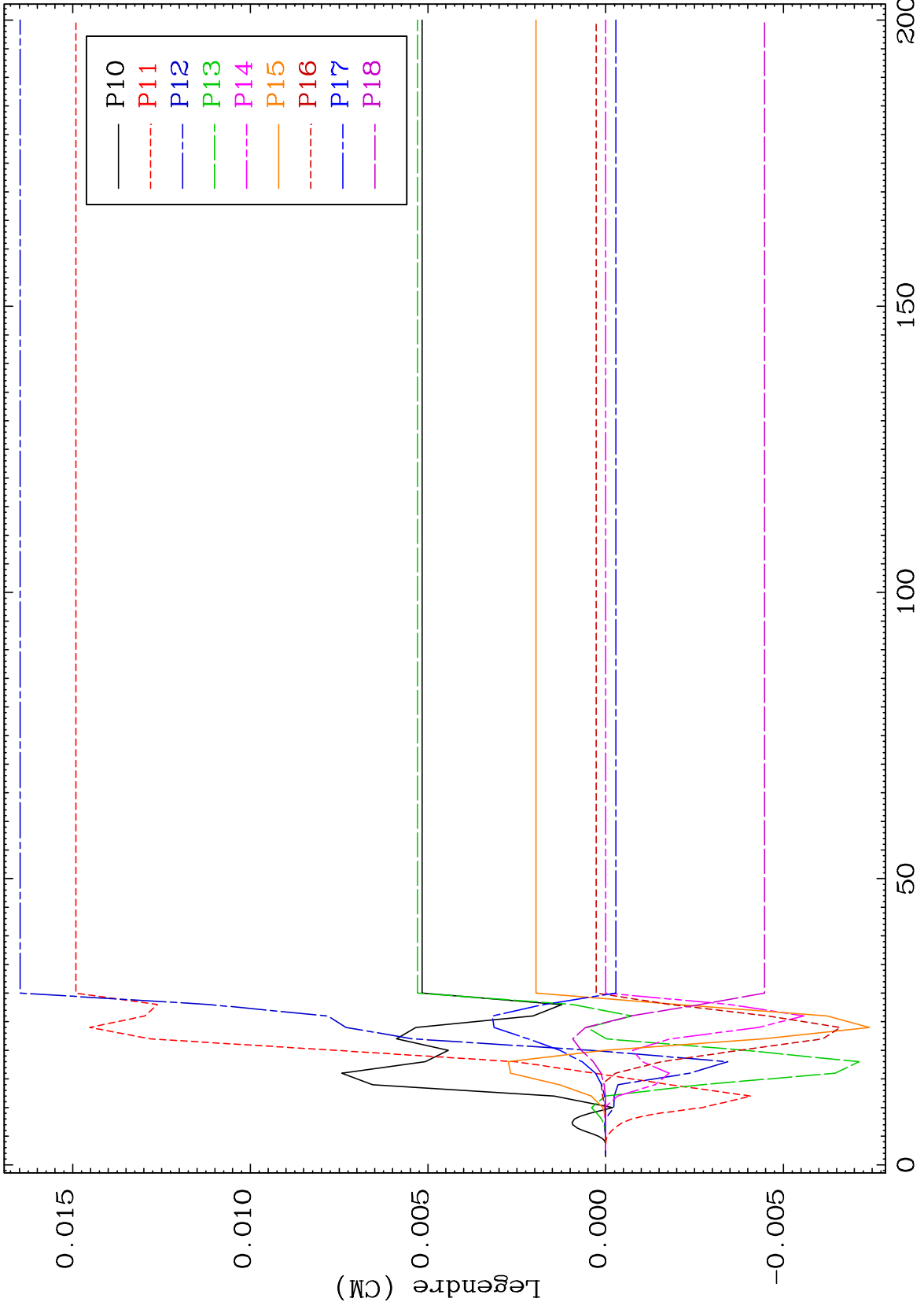


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Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 57 (n,n') Level Legendre Coefficients 65-Tb-155

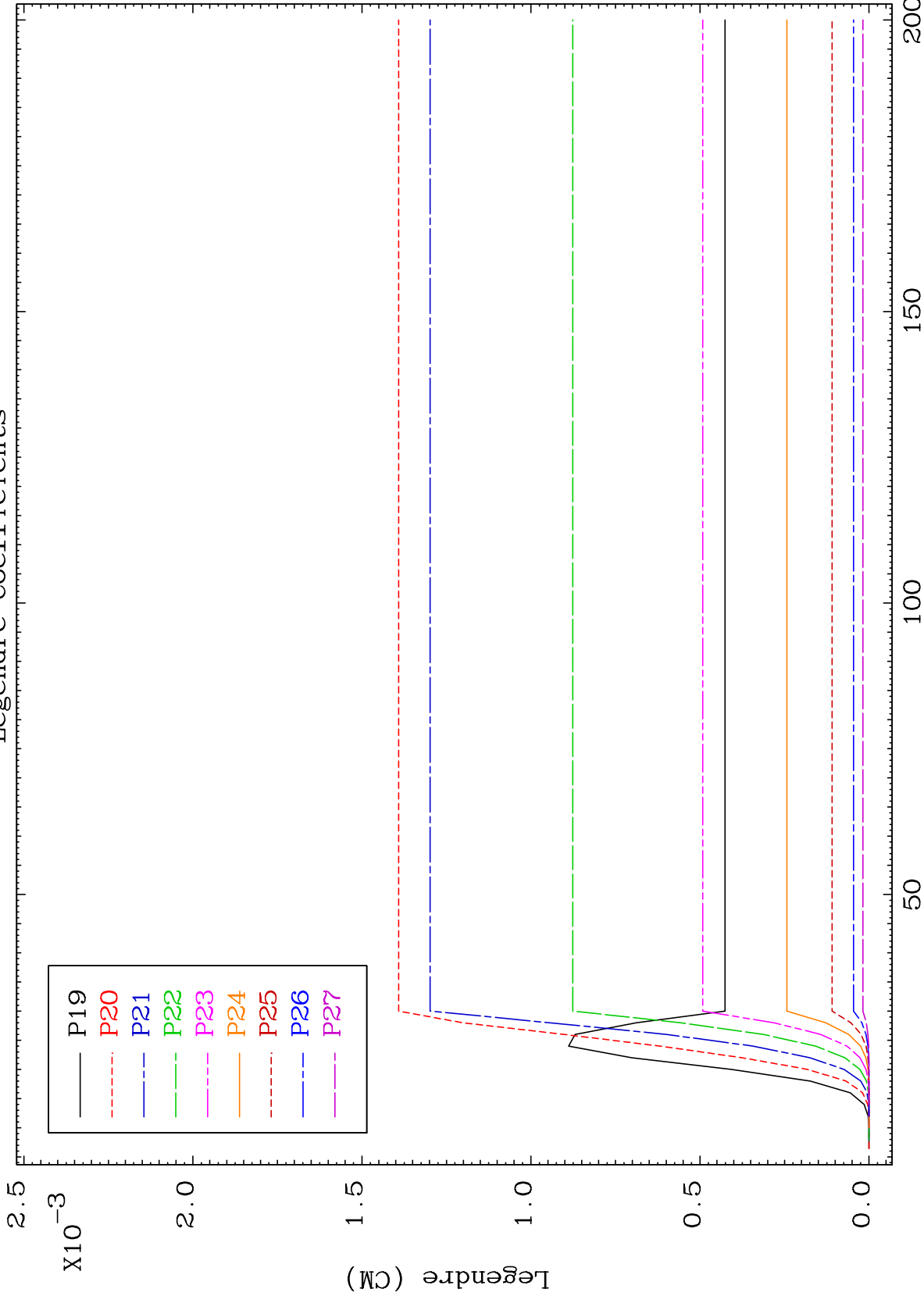


42 65-Tb-155

MAT 6513

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

65-Tb-155



43

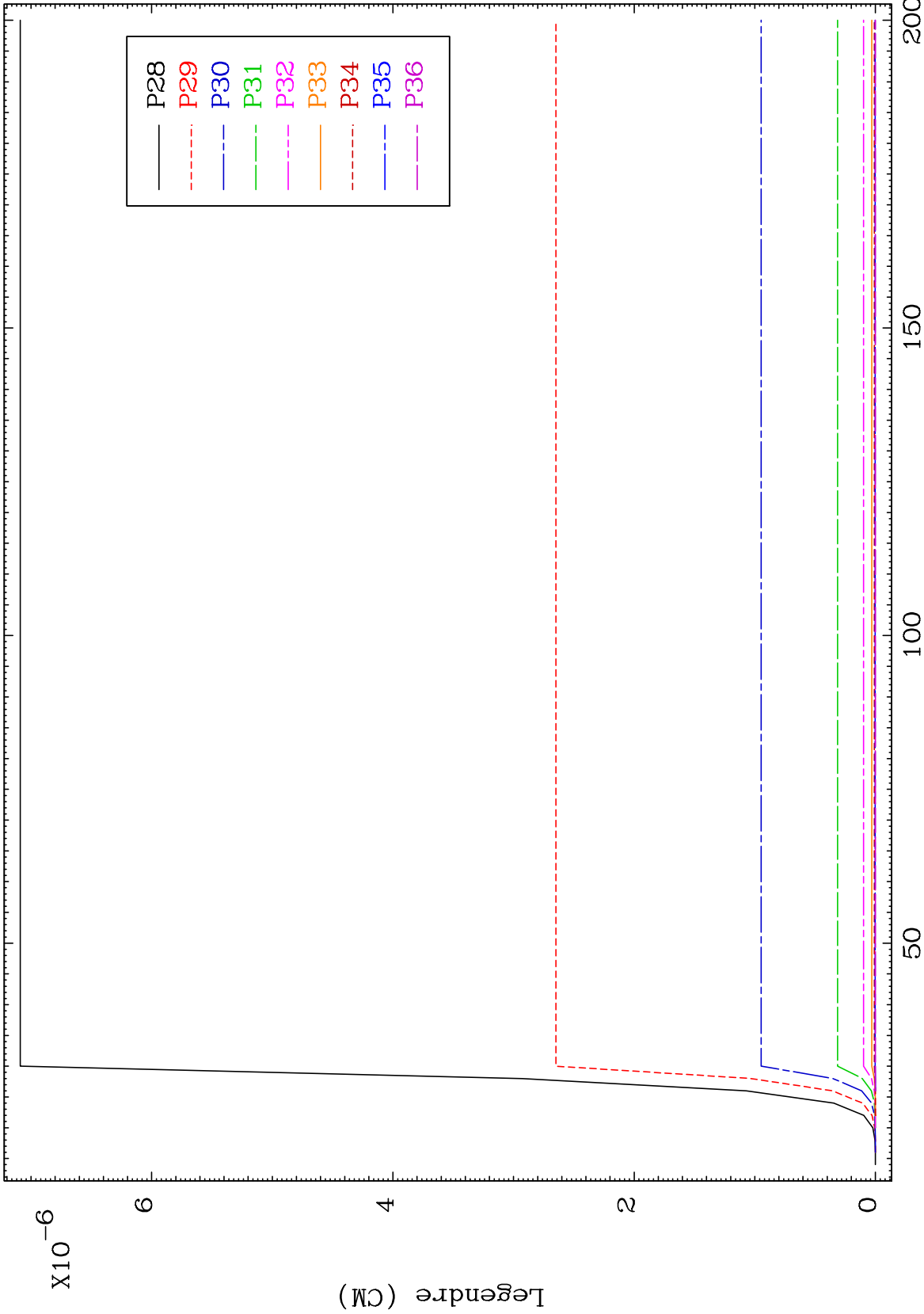
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



44

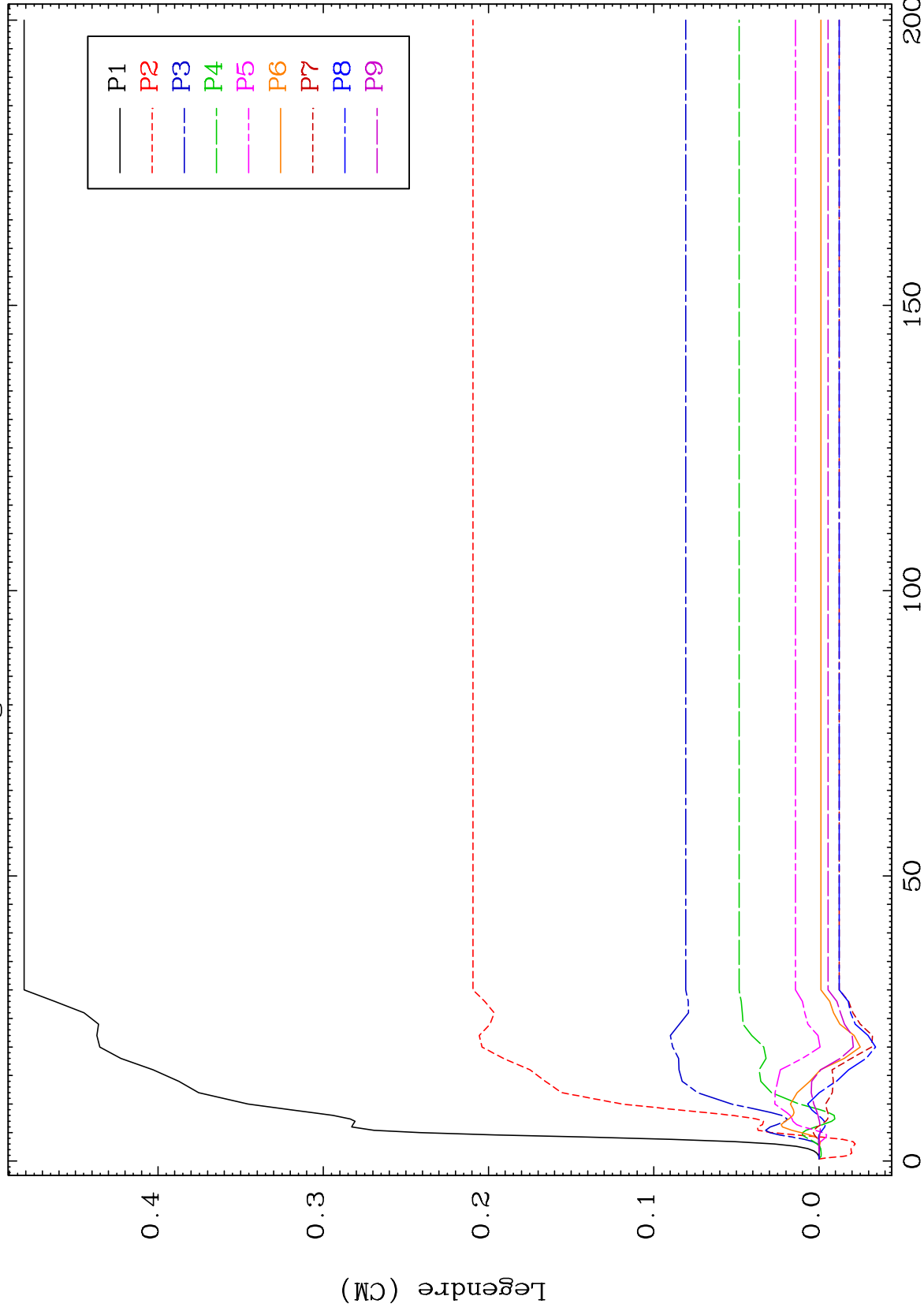
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

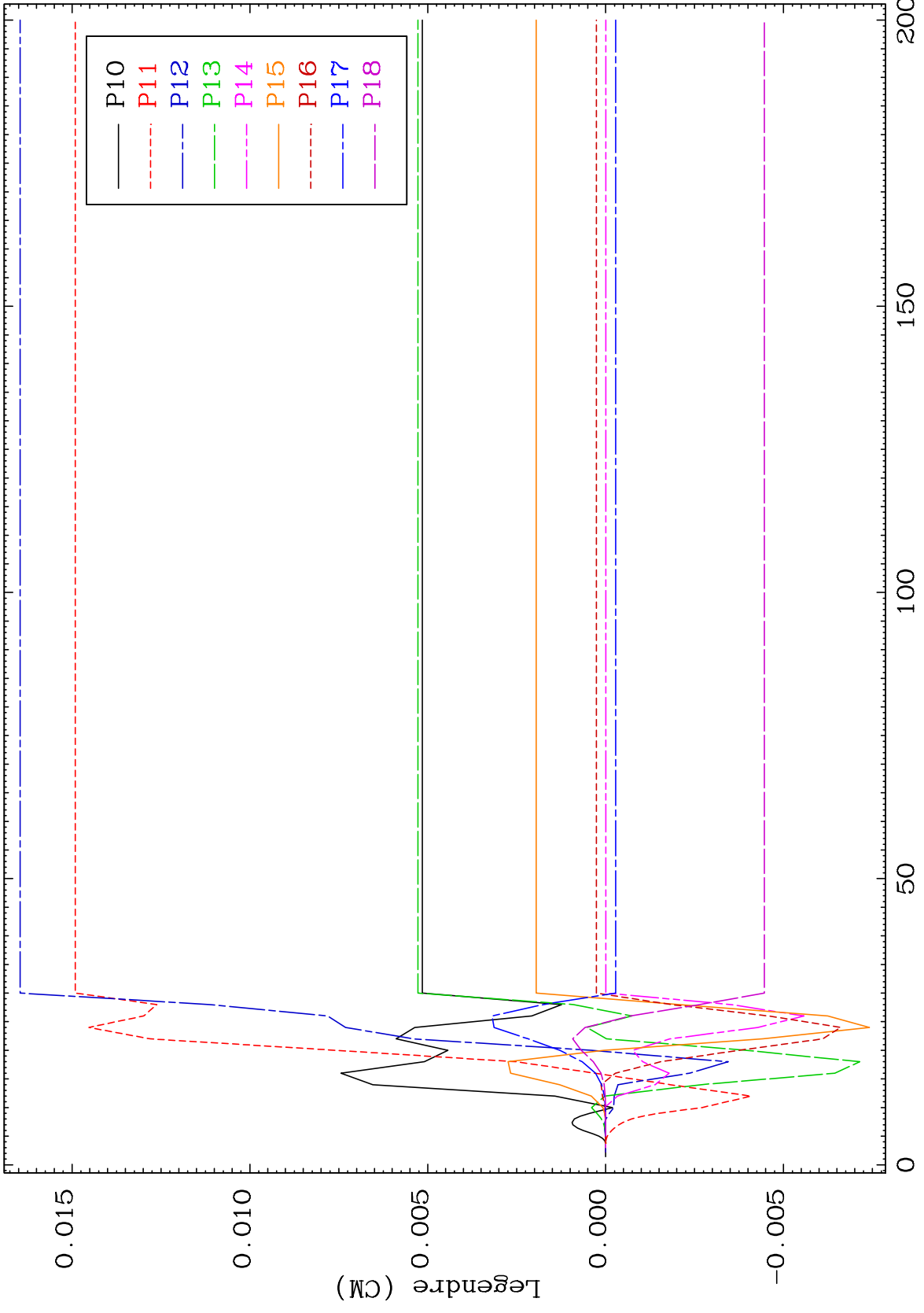


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Incident Energy (MeV)

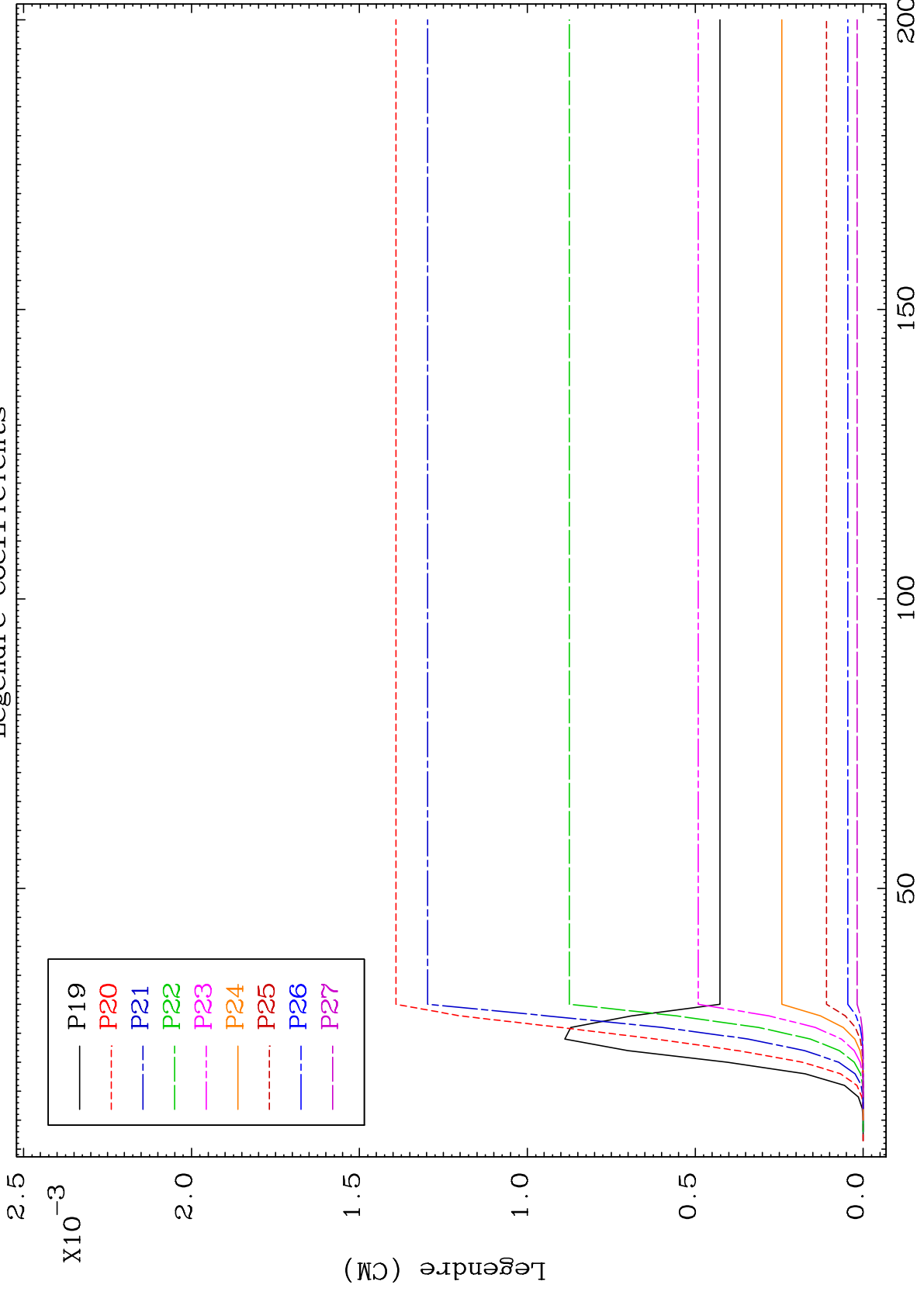
65-Tb-155

MAT 6513 MT= 58 (n,n') Level Legendre Coefficients 65-Tb-155



46 65-Tb-155

MAT 6513 MT= 58 (n,n') Level Legendre Coefficients 65-Tb-155

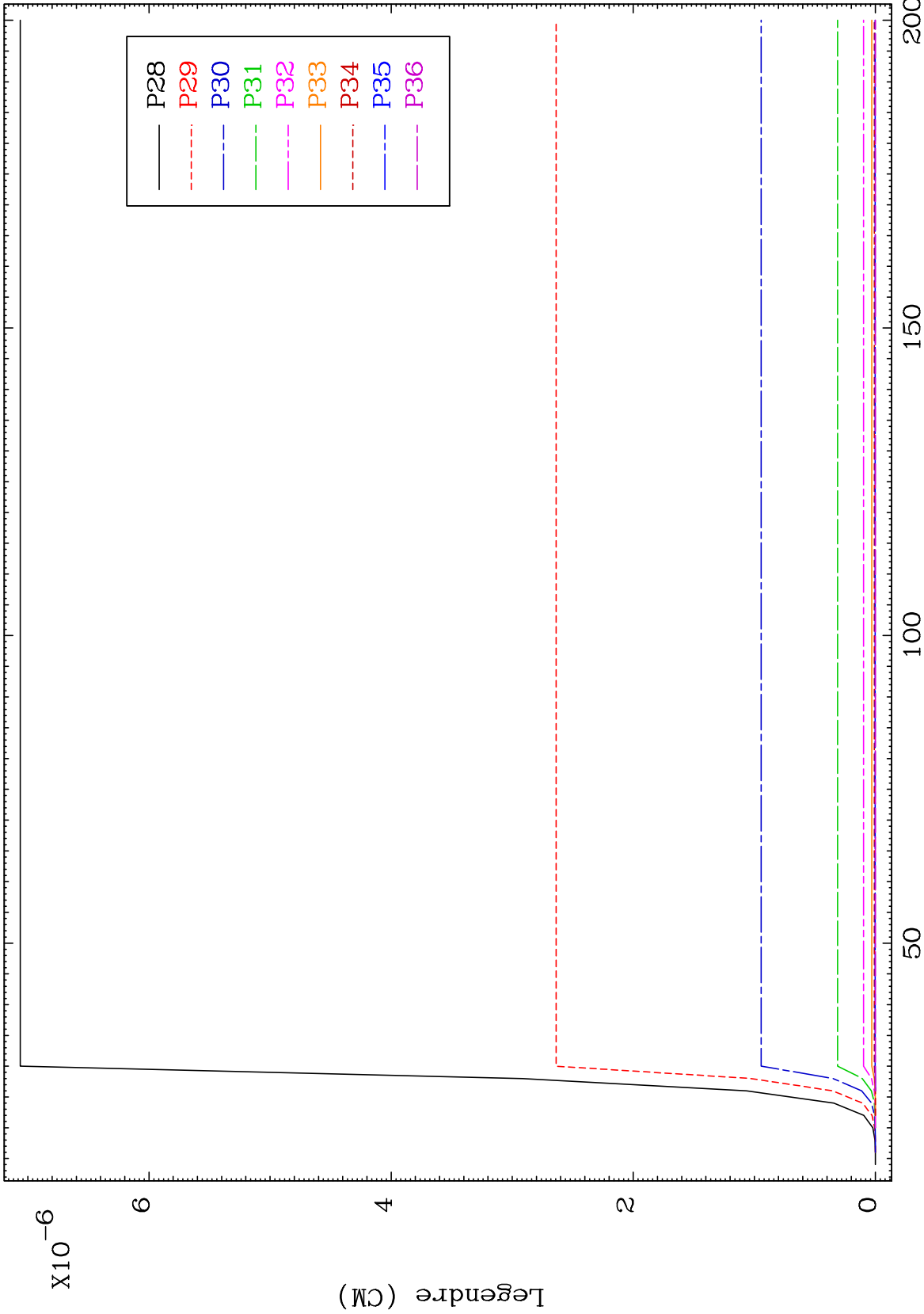




MAT 6513

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

65-Tb-155



48

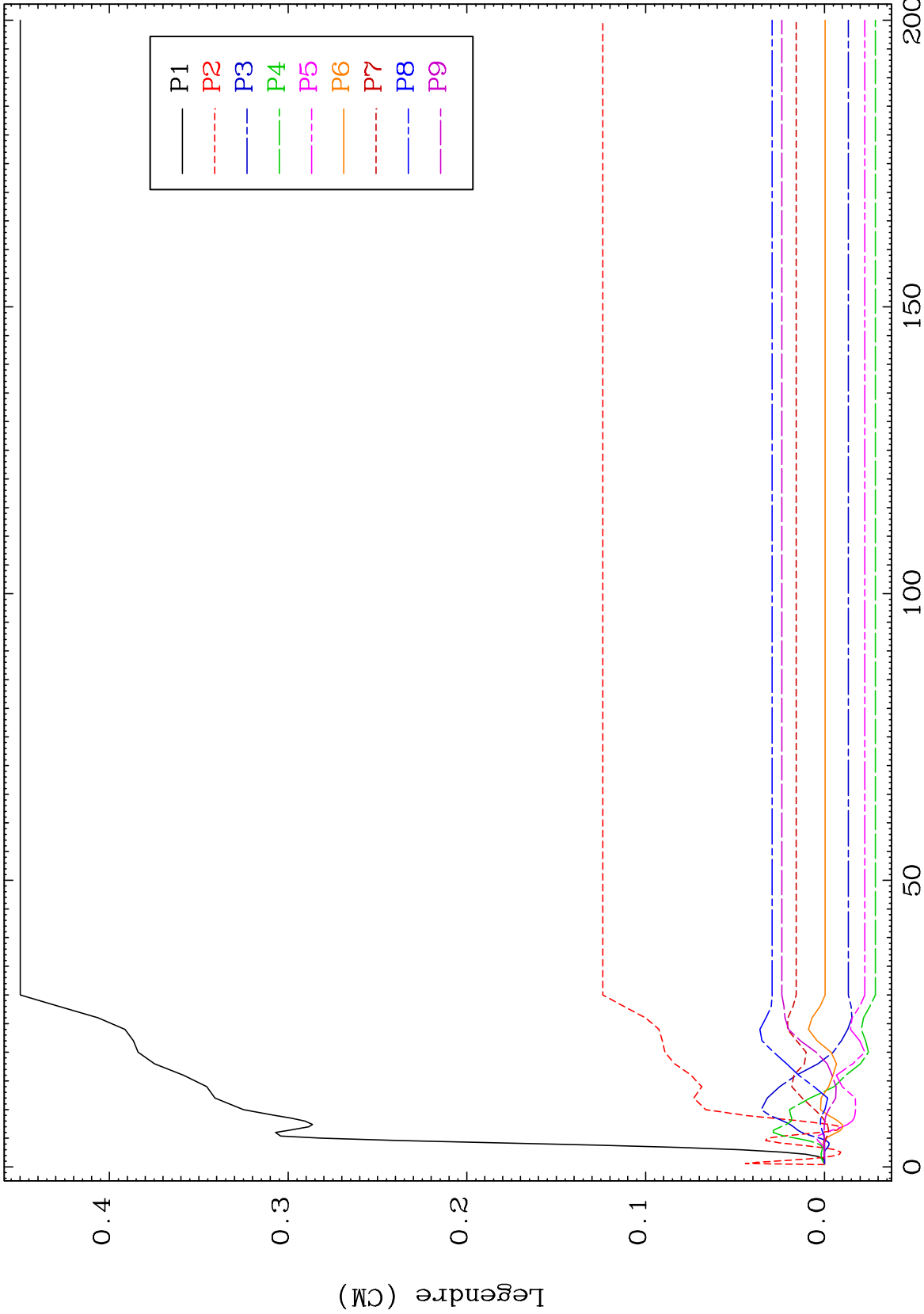
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



49

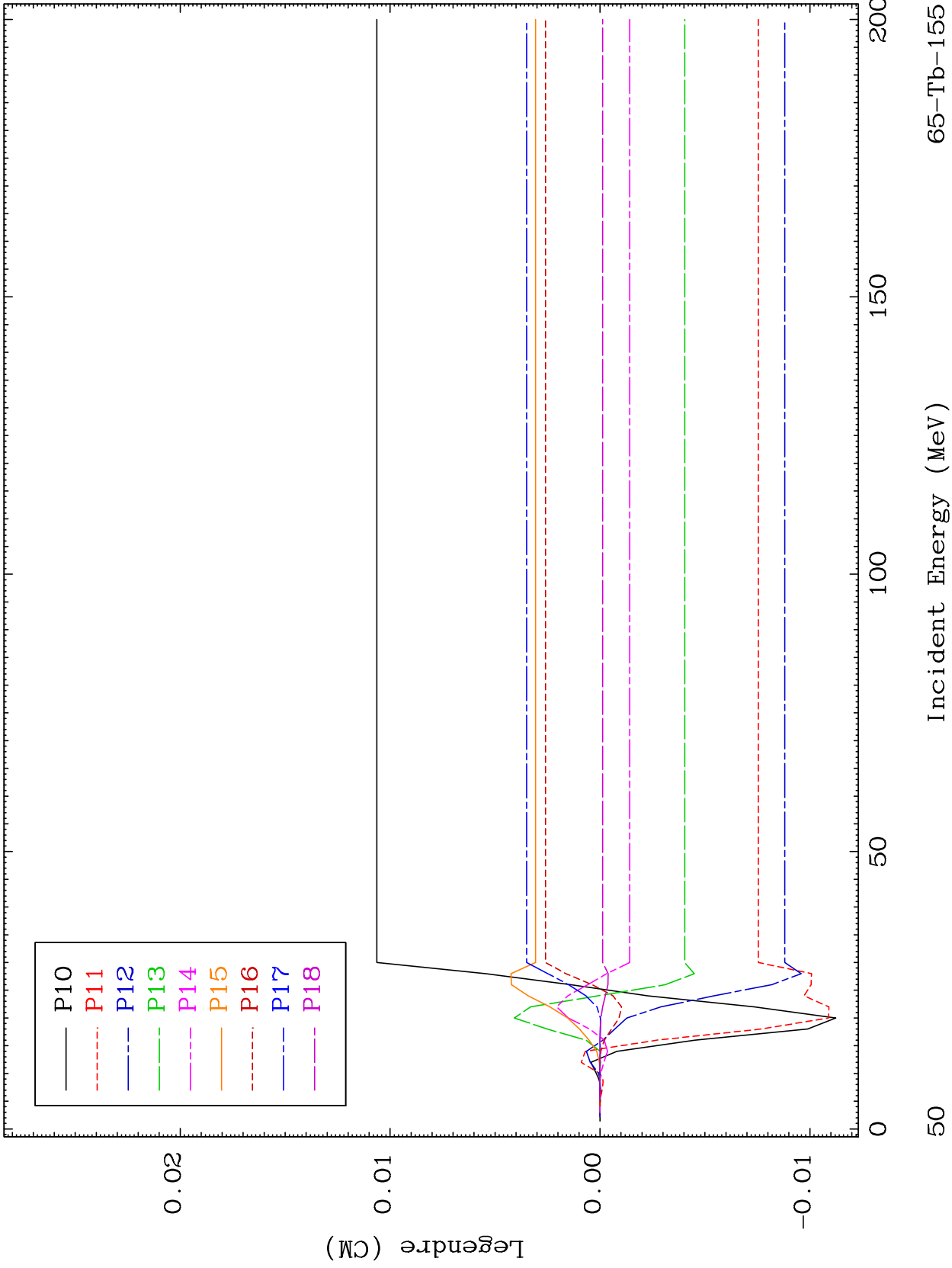
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

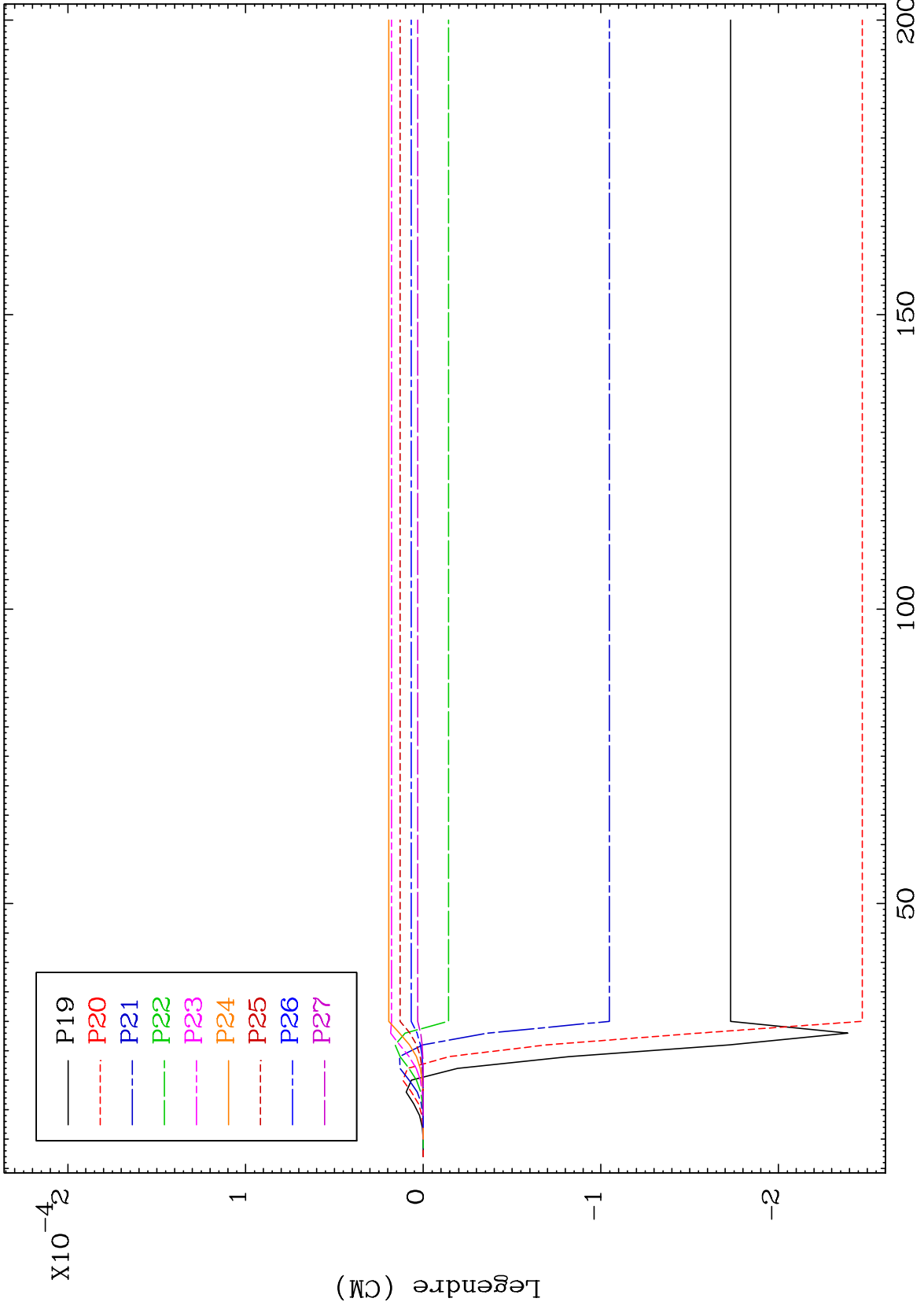


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MAT 6513

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

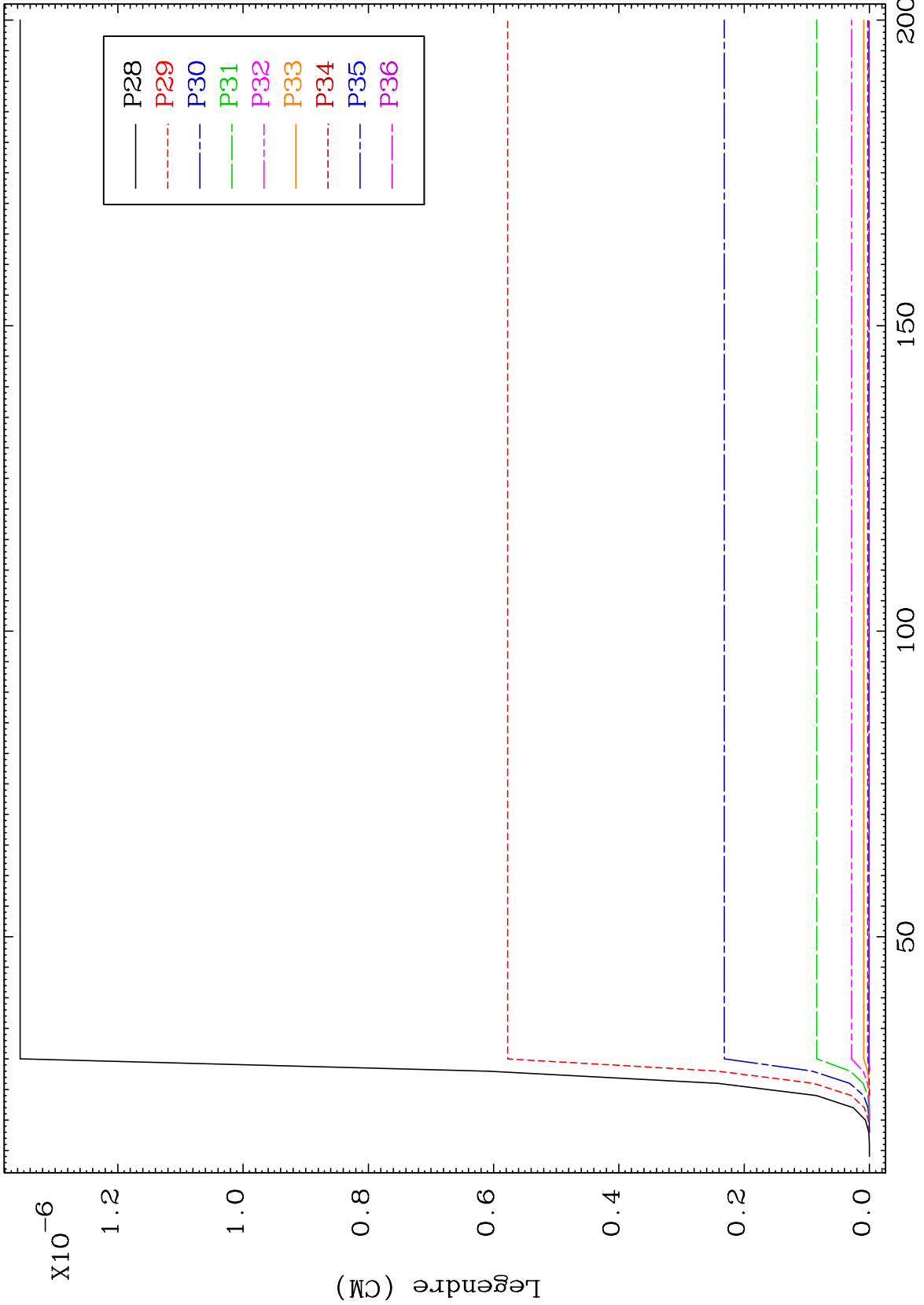
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MAT 6513

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

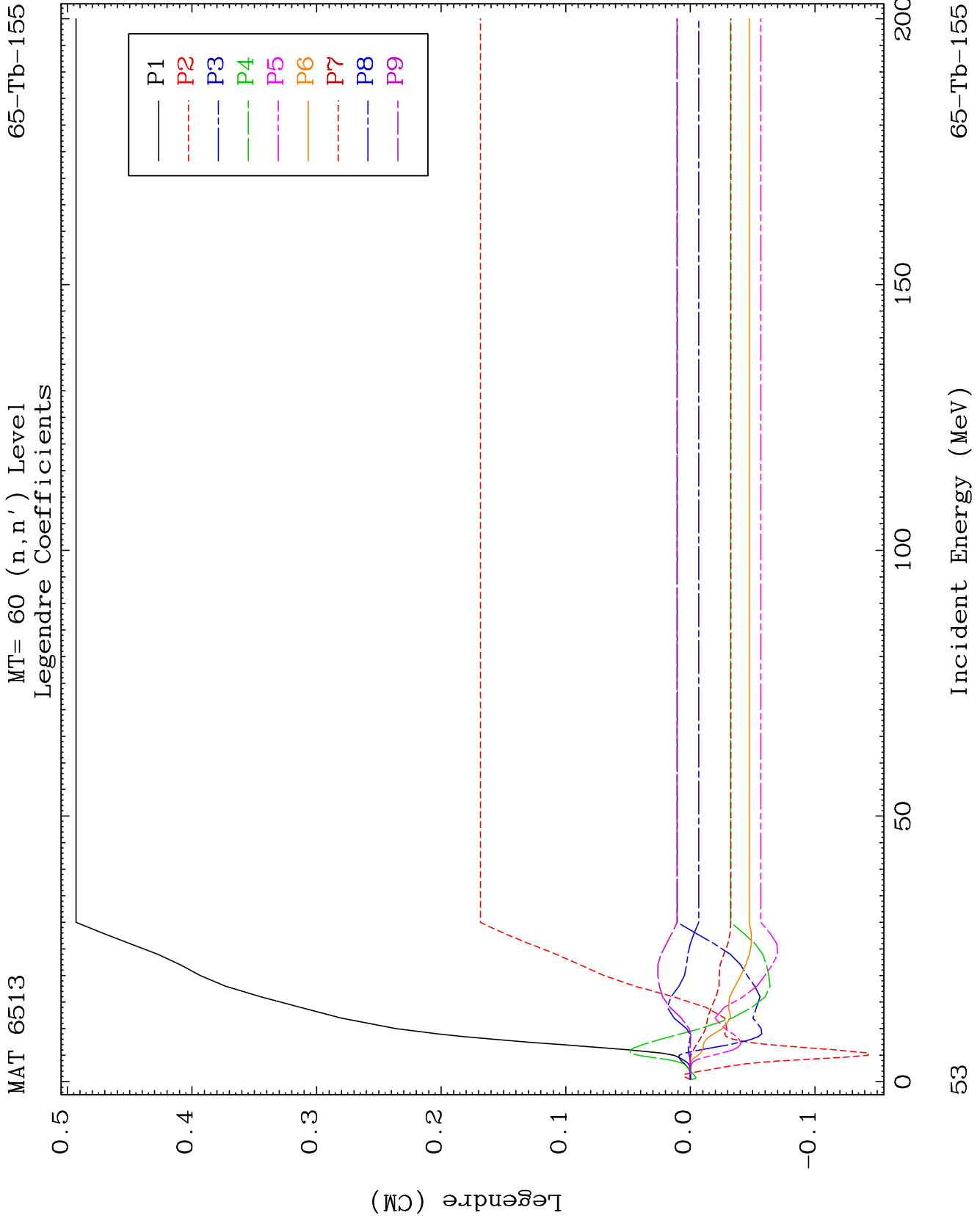
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52

Incident Energy (MeV)

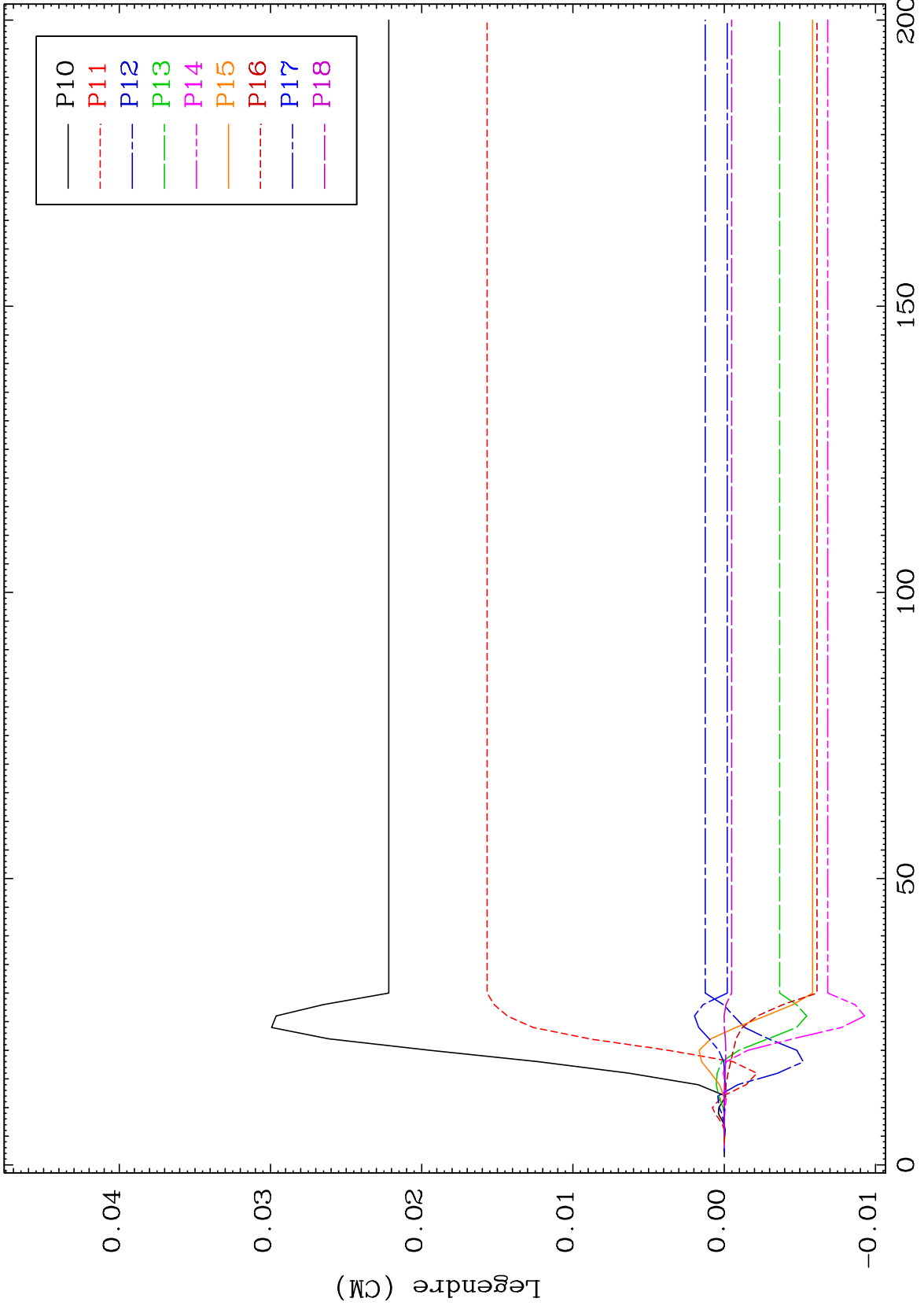
65-Tb-155



MAT 6513

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

65-Tb-155



54

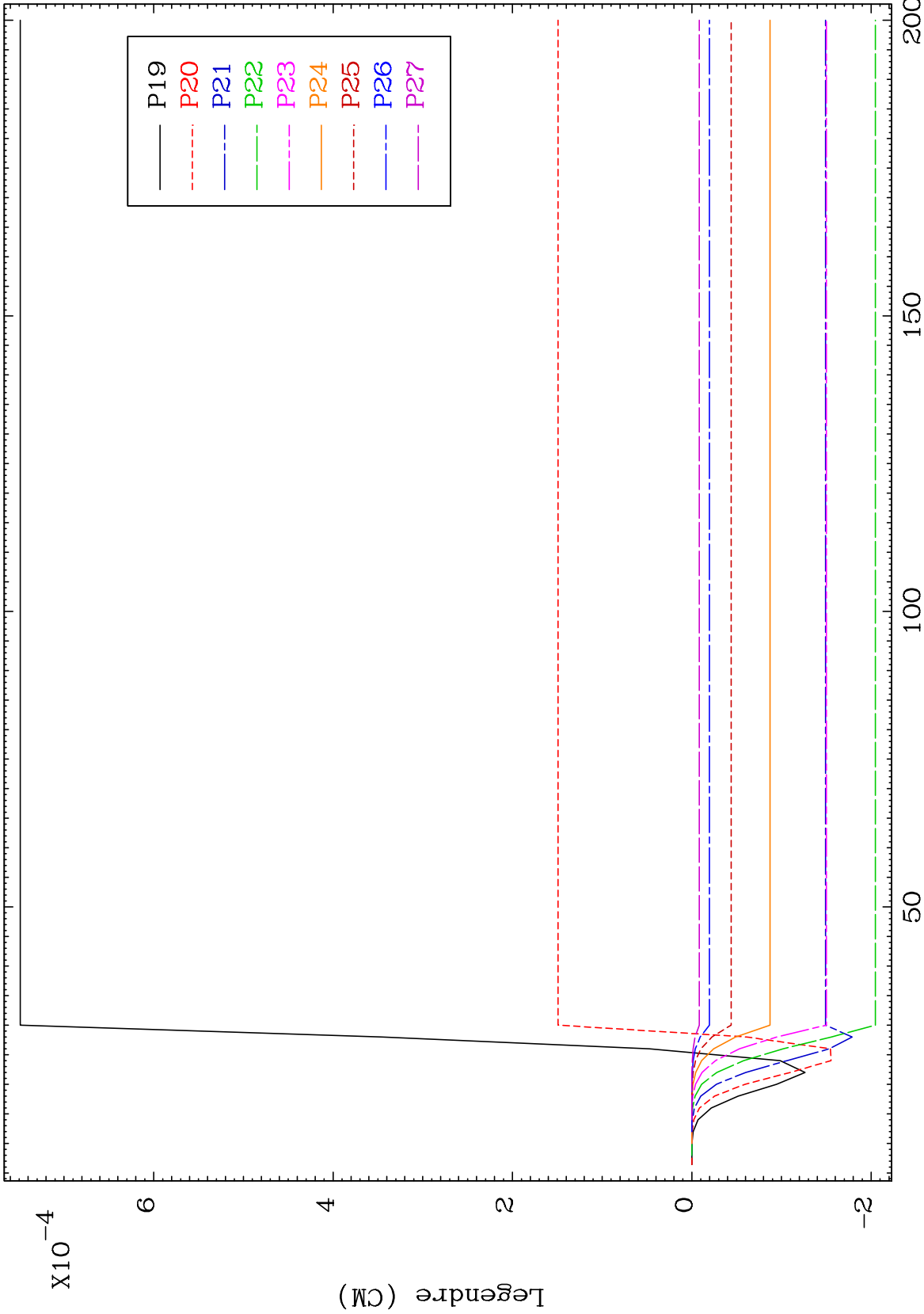
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



55

Incident Energy (MeV)

150

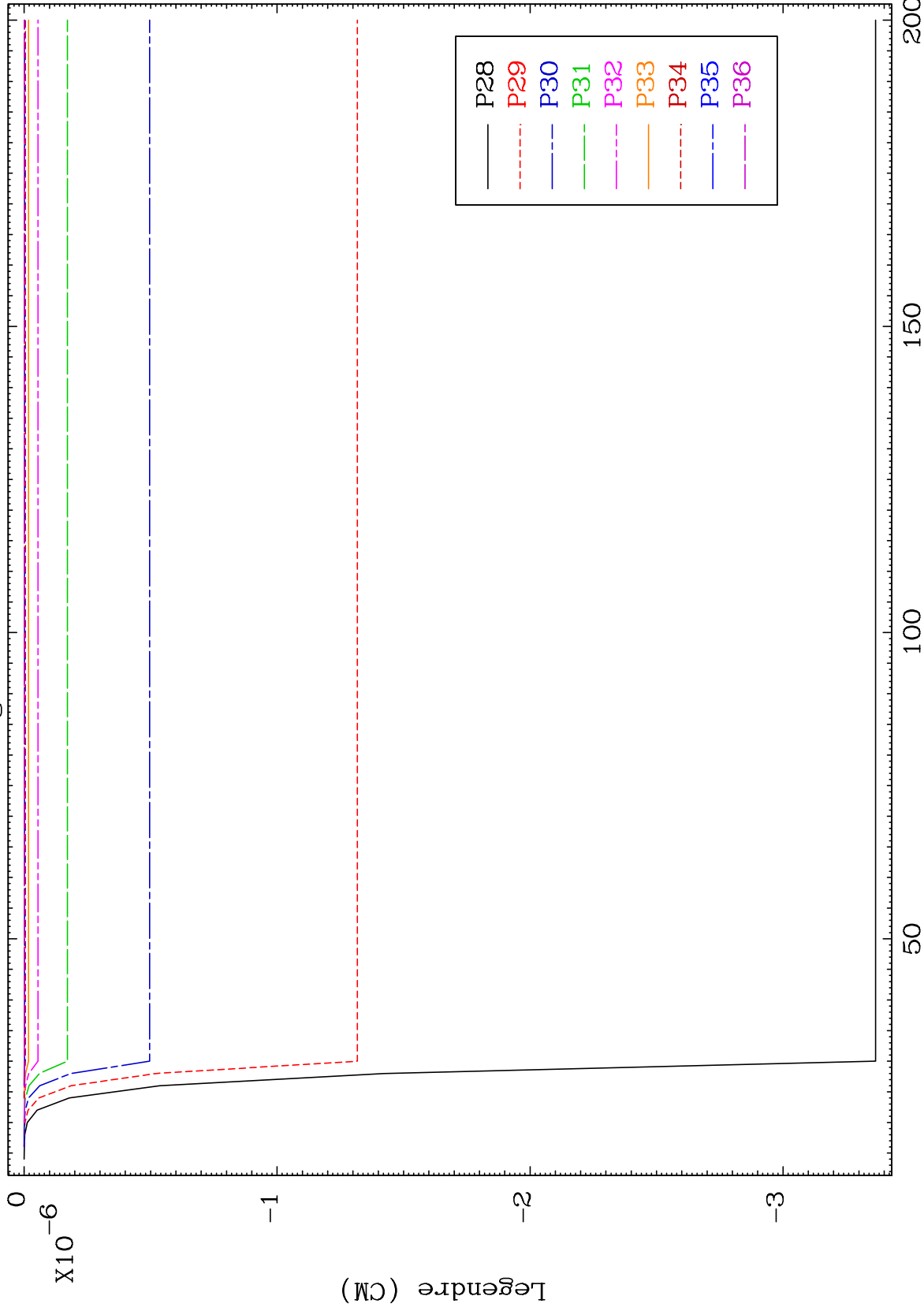
65-Tb-155



MAT 6513

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

65-Tb-155



65-Tb-155

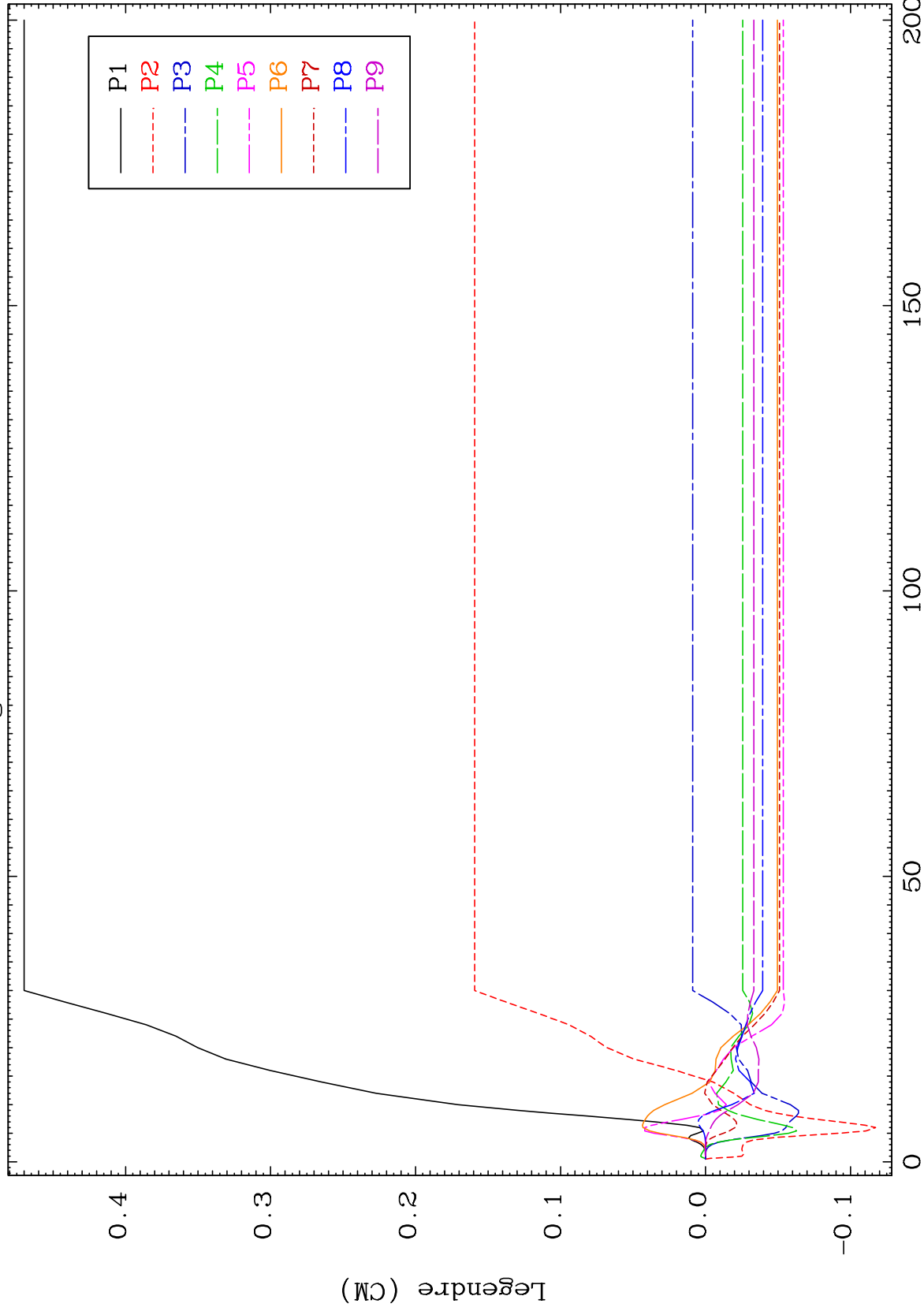
Incident Energy (MeV)

56

MAT 6513

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

65-Tb-155



57

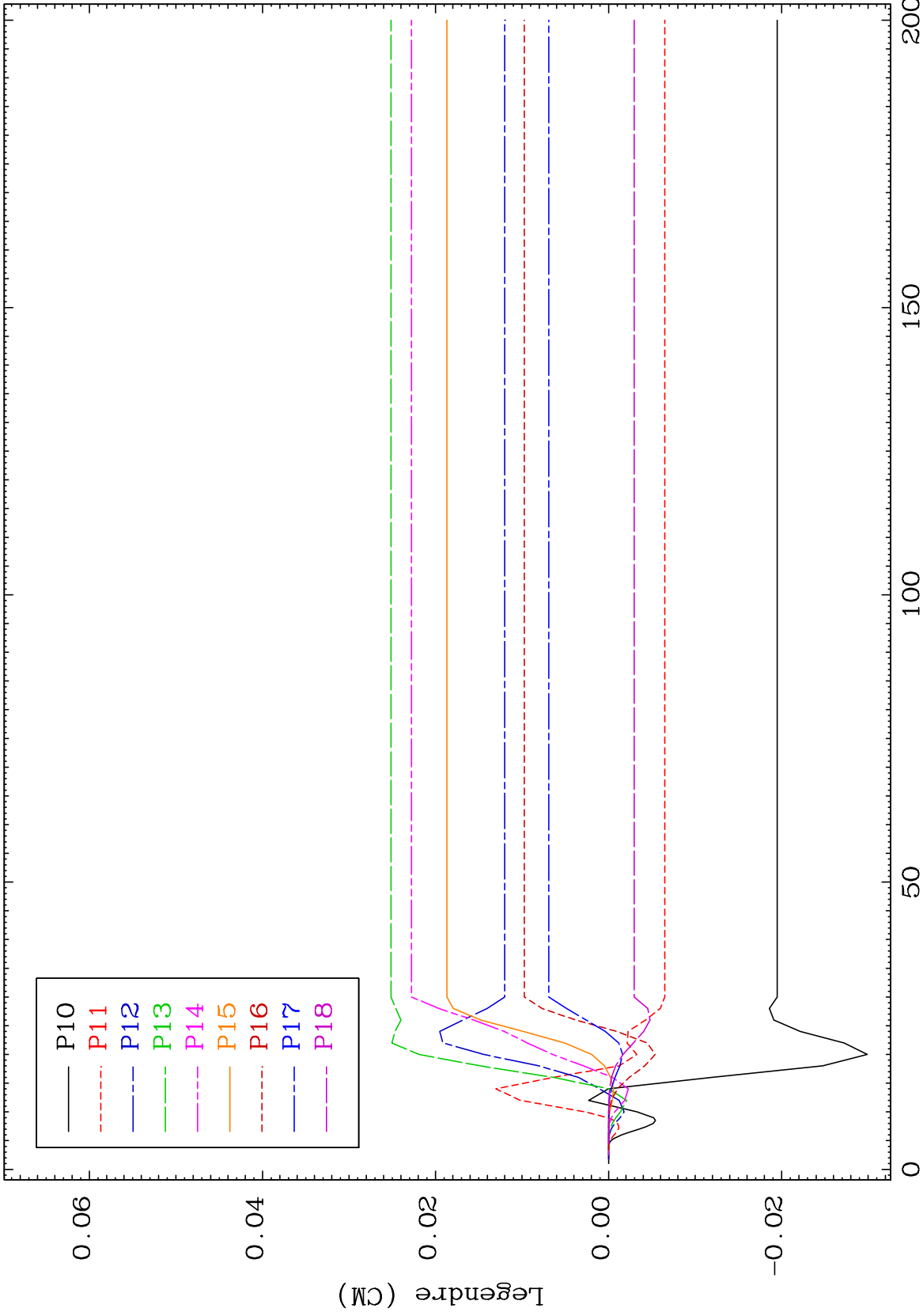
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



58

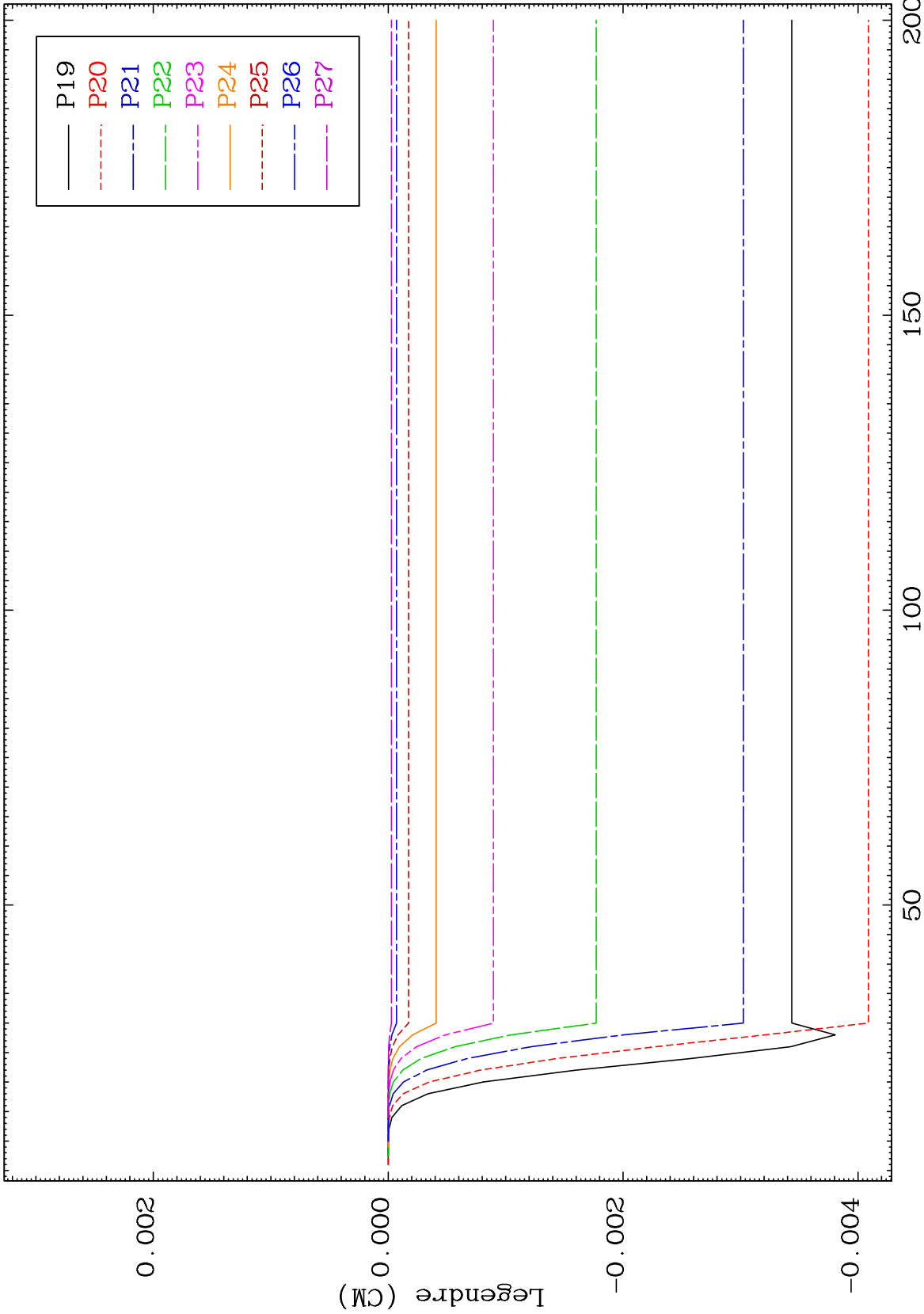
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



59

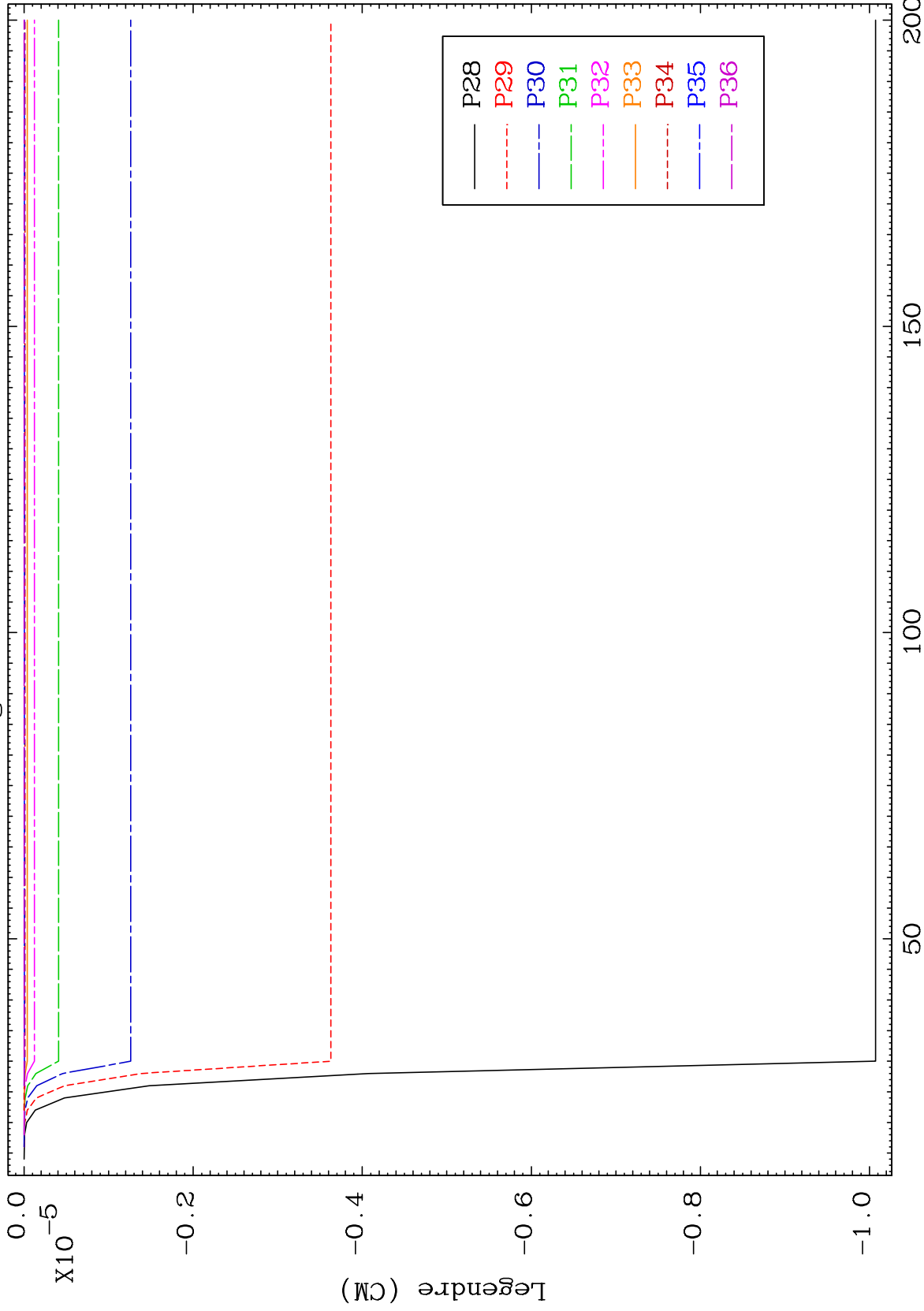
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



65-Tb-155

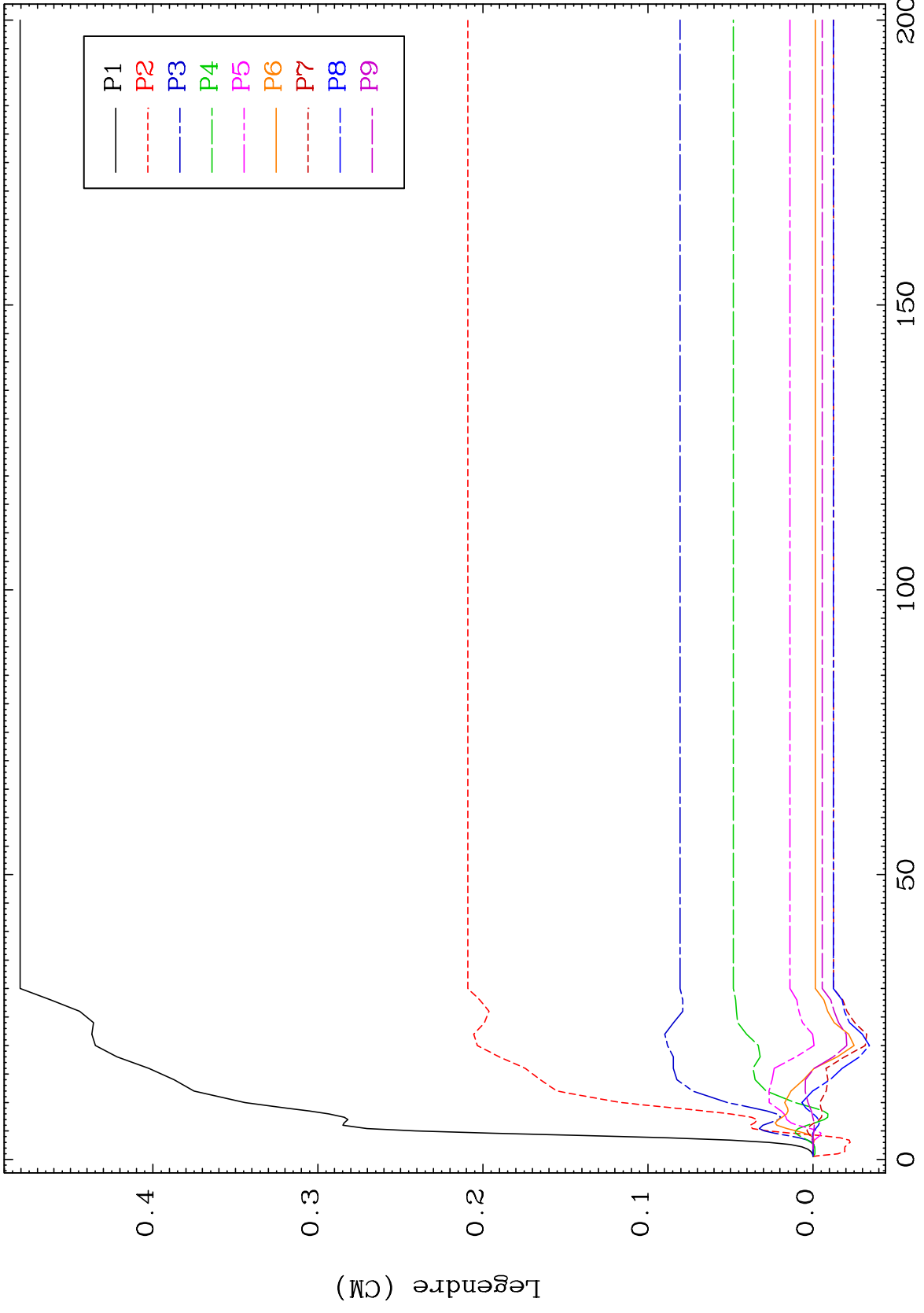
Incident Energy (MeV)

60

MAT 6513

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

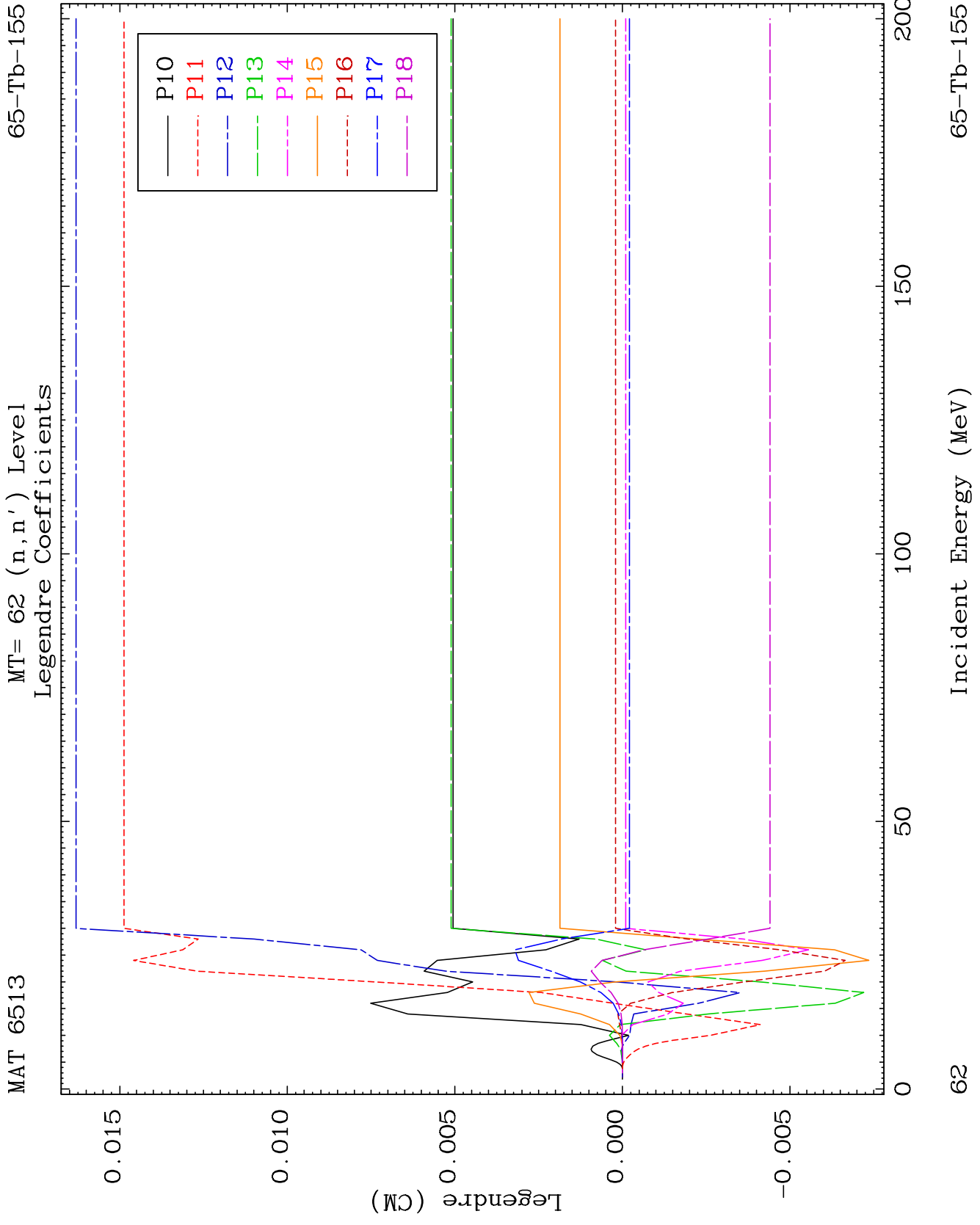
65-Tb-155



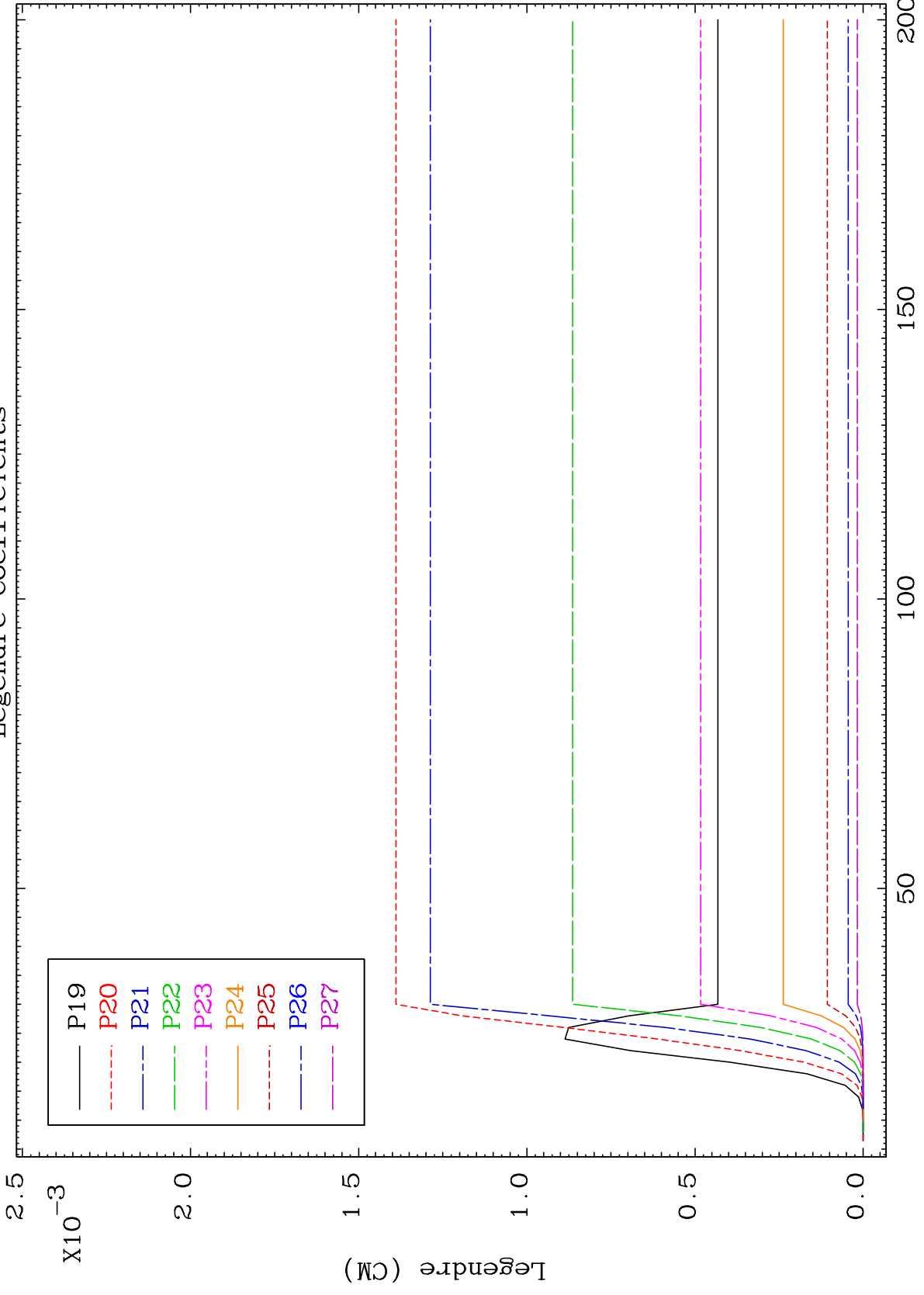
61

Incident Energy (MeV)

65-Tb-155



MAT 6513 MT= 62 (n,n') Level Legendre Coefficients 65-Tb-155

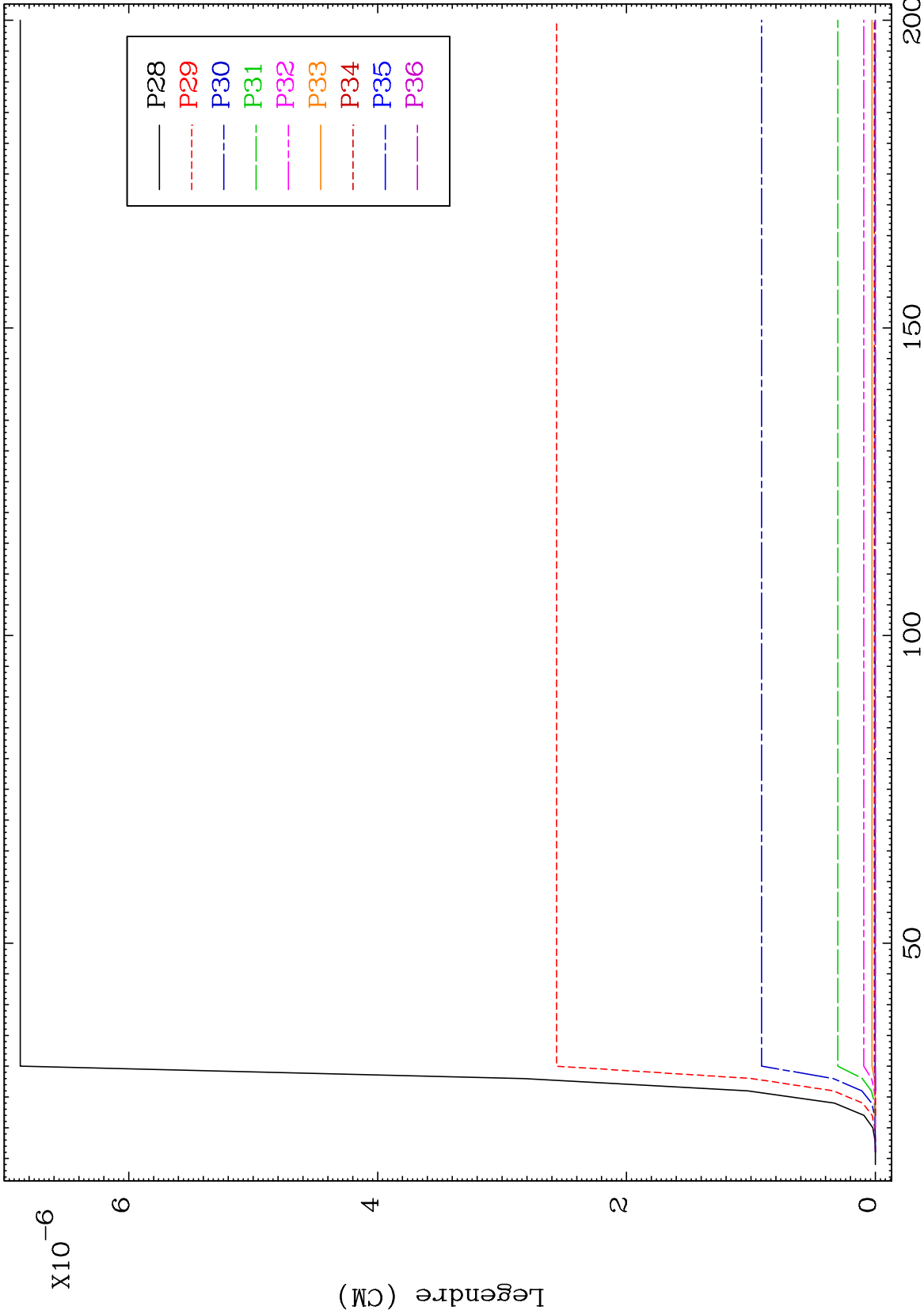




MAT 6513

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

65-Tb-155

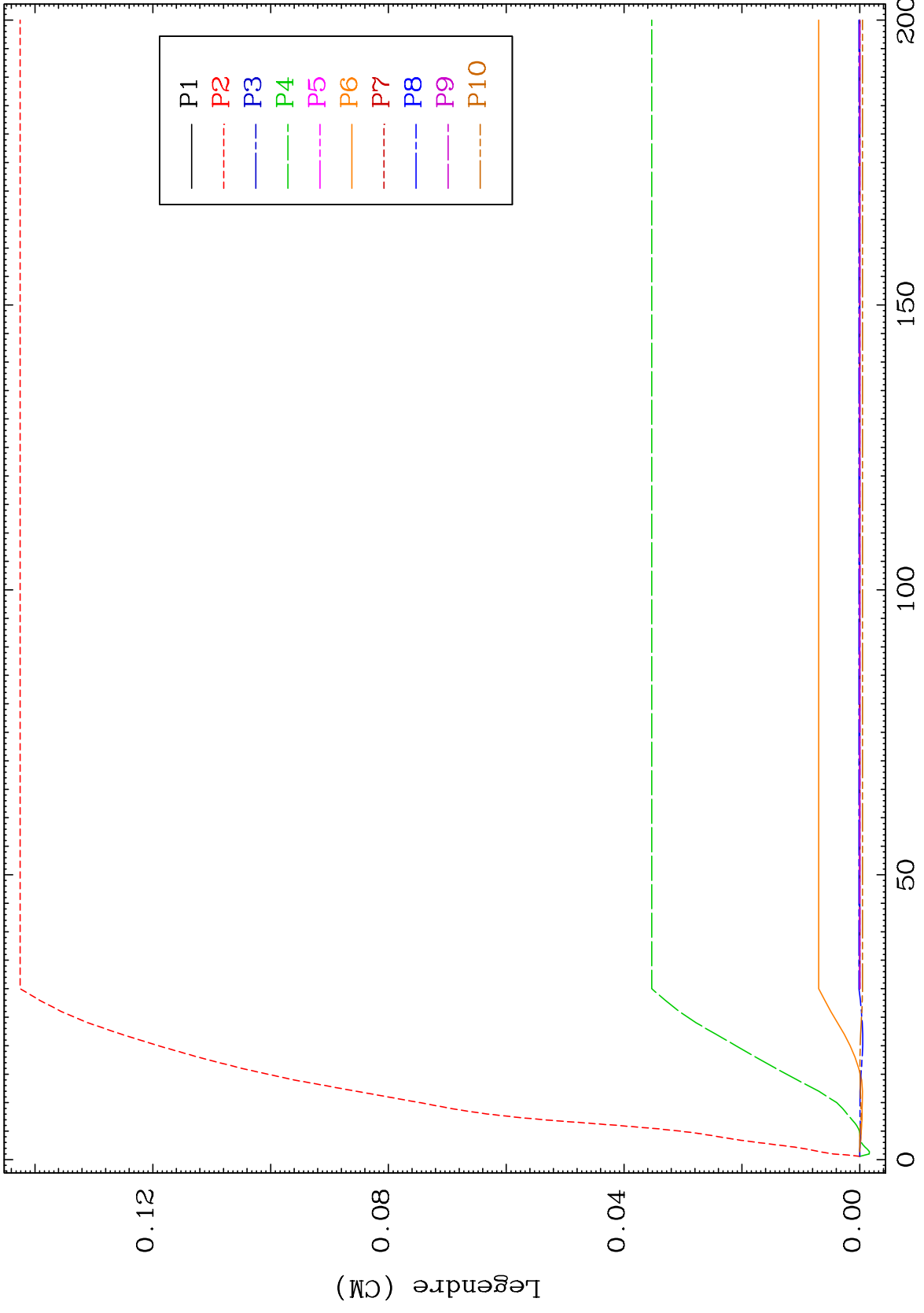


64

Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 63 (n,n') Level Legendre Coefficients 65-Tb-155

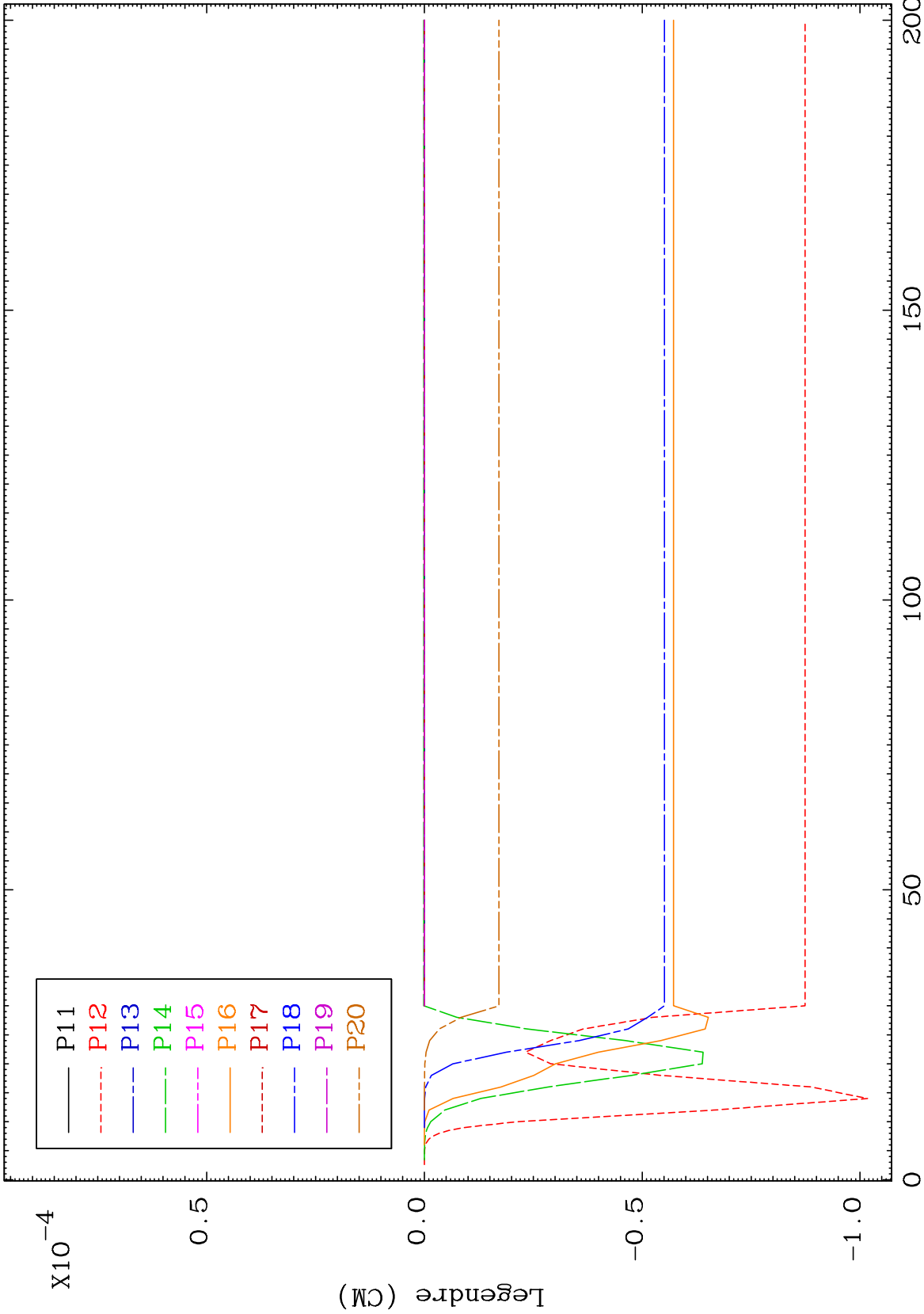


65-Tb-155

MAT 6513

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

65-Tb-155

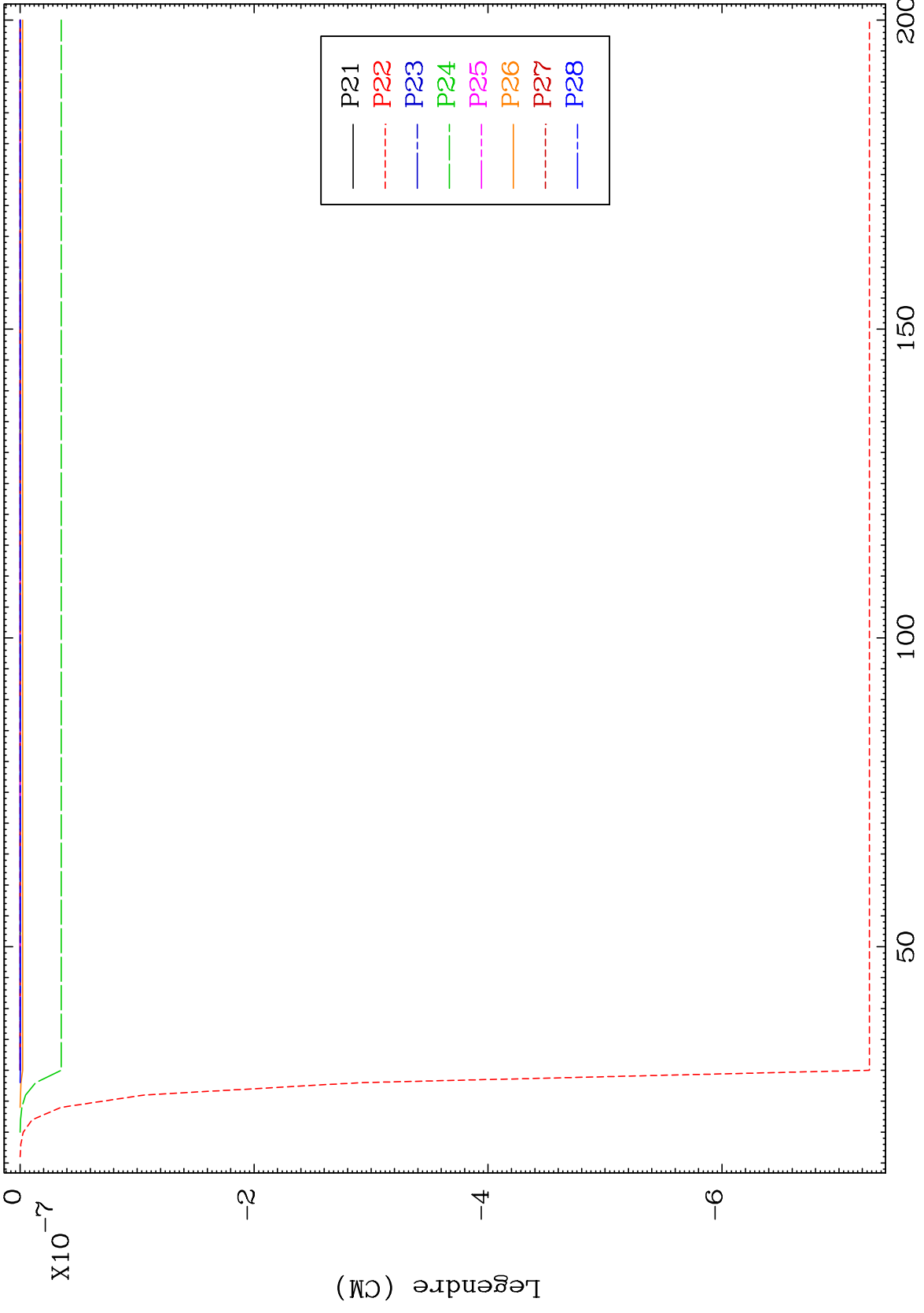


66

Incident Energy (MeV)

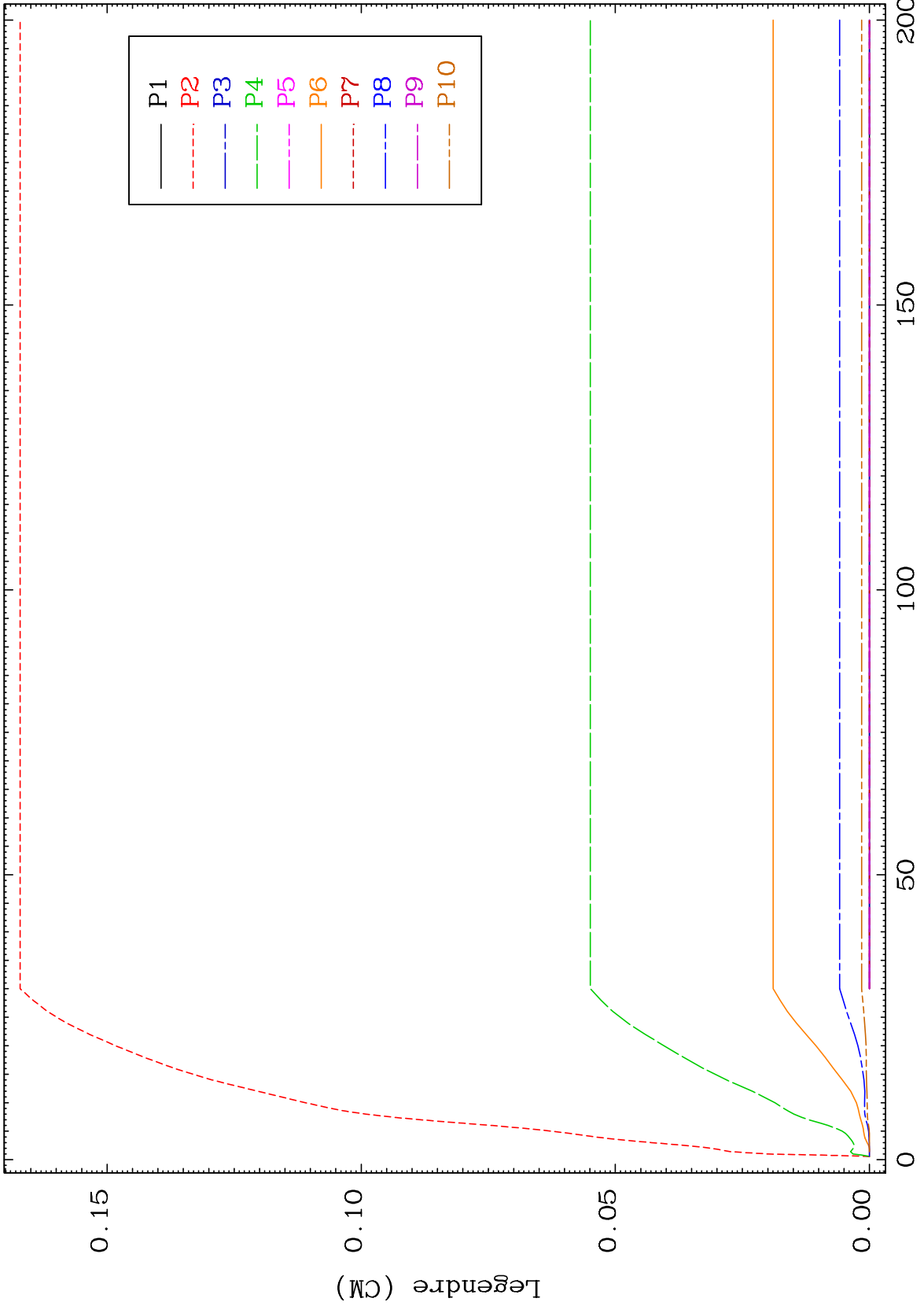
65-Tb-155

MAT 6513 MT= 63 (n,n') Level Legendre Coefficients 65-Tb-155



67 65-Tb-155

MAT 6513 MT= 64 (n,n') Level Legendre Coefficients 65-Tb-155

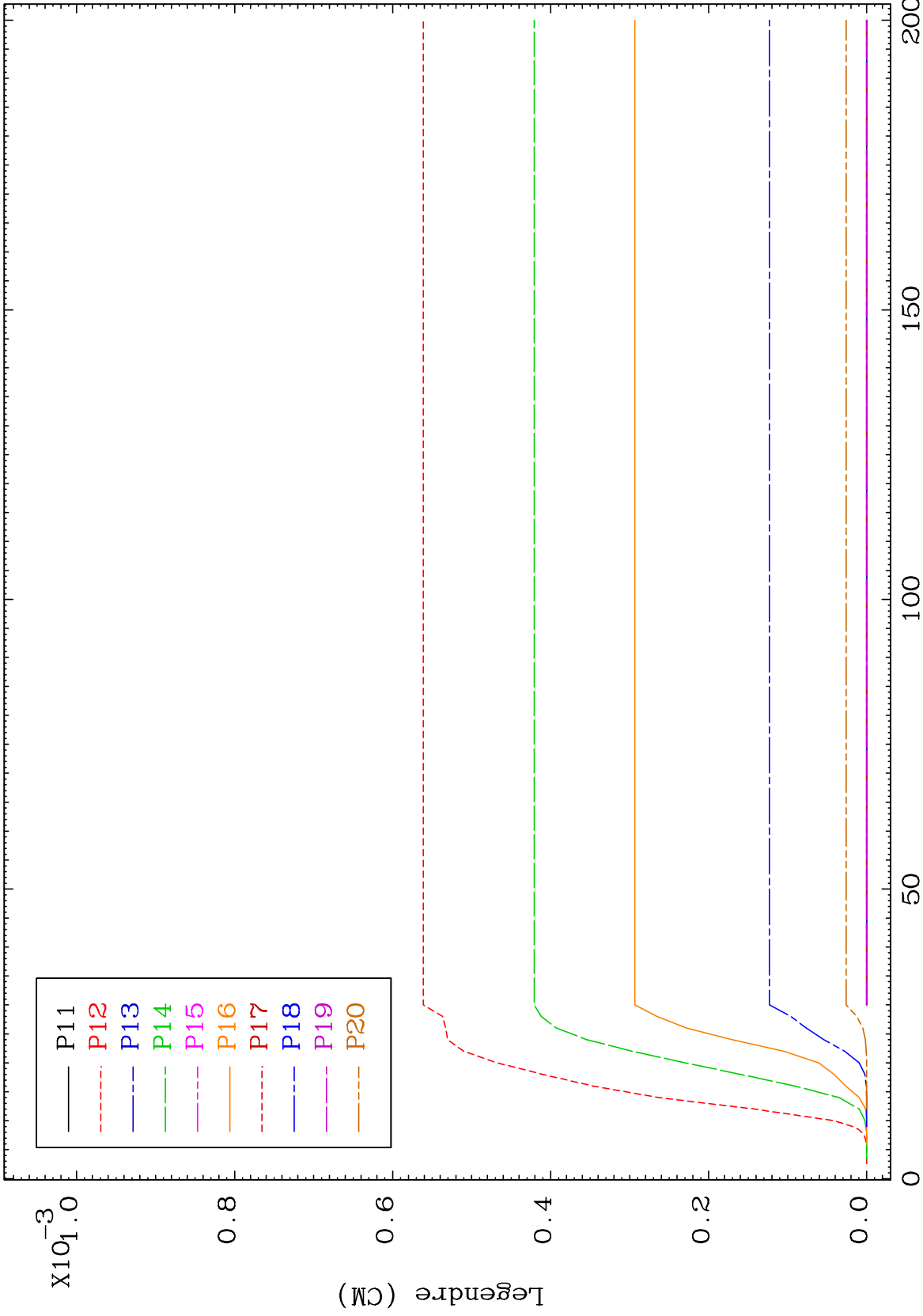


68 65-Tb-155

MAT 6513

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

65-Tb-155

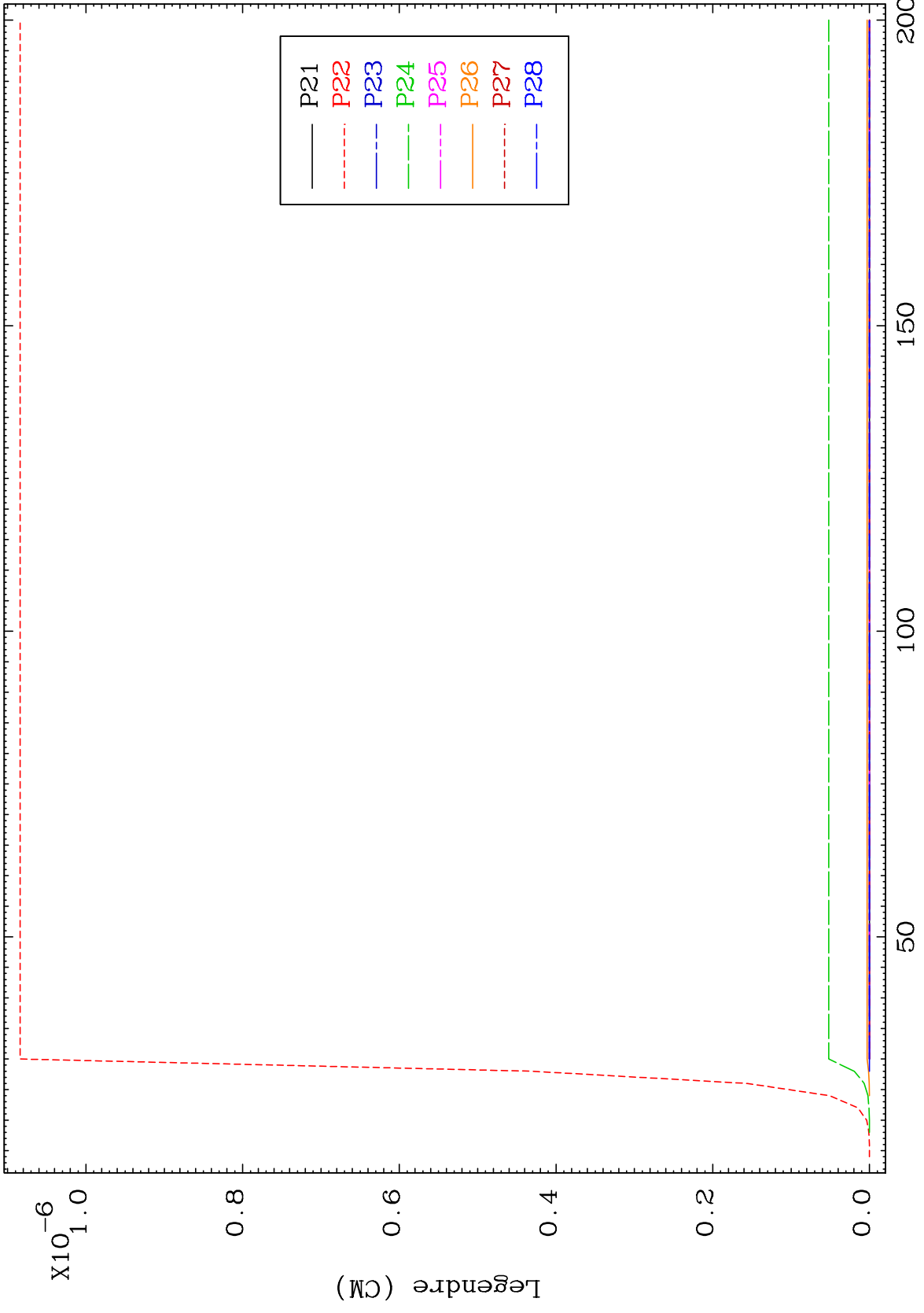


69

Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 64 (n,n') Level Legendre Coefficients 65-Tb-155

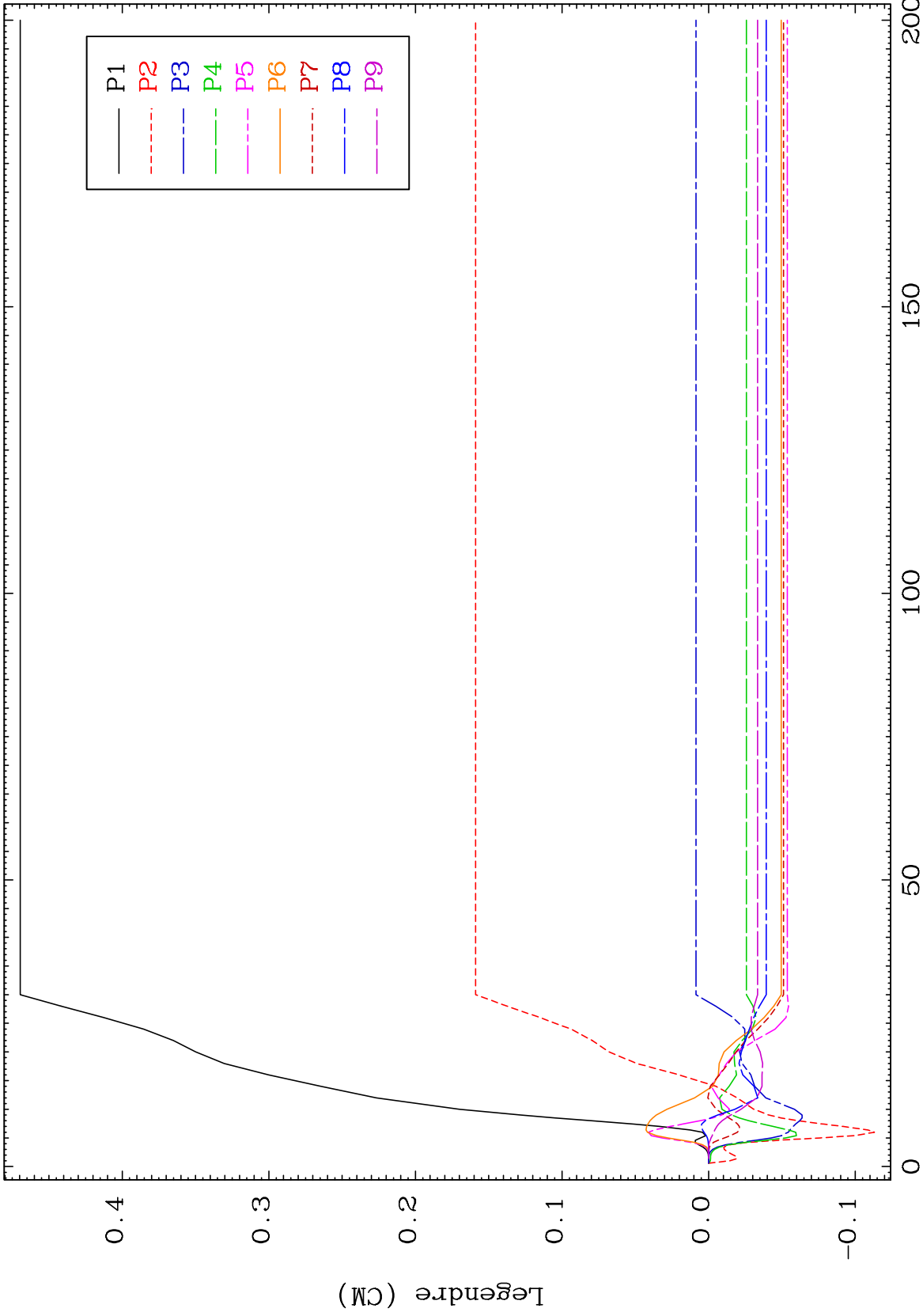


65-Tb-155

MAT 6513

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

65-Tb-155



71

Incident Energy (MeV)

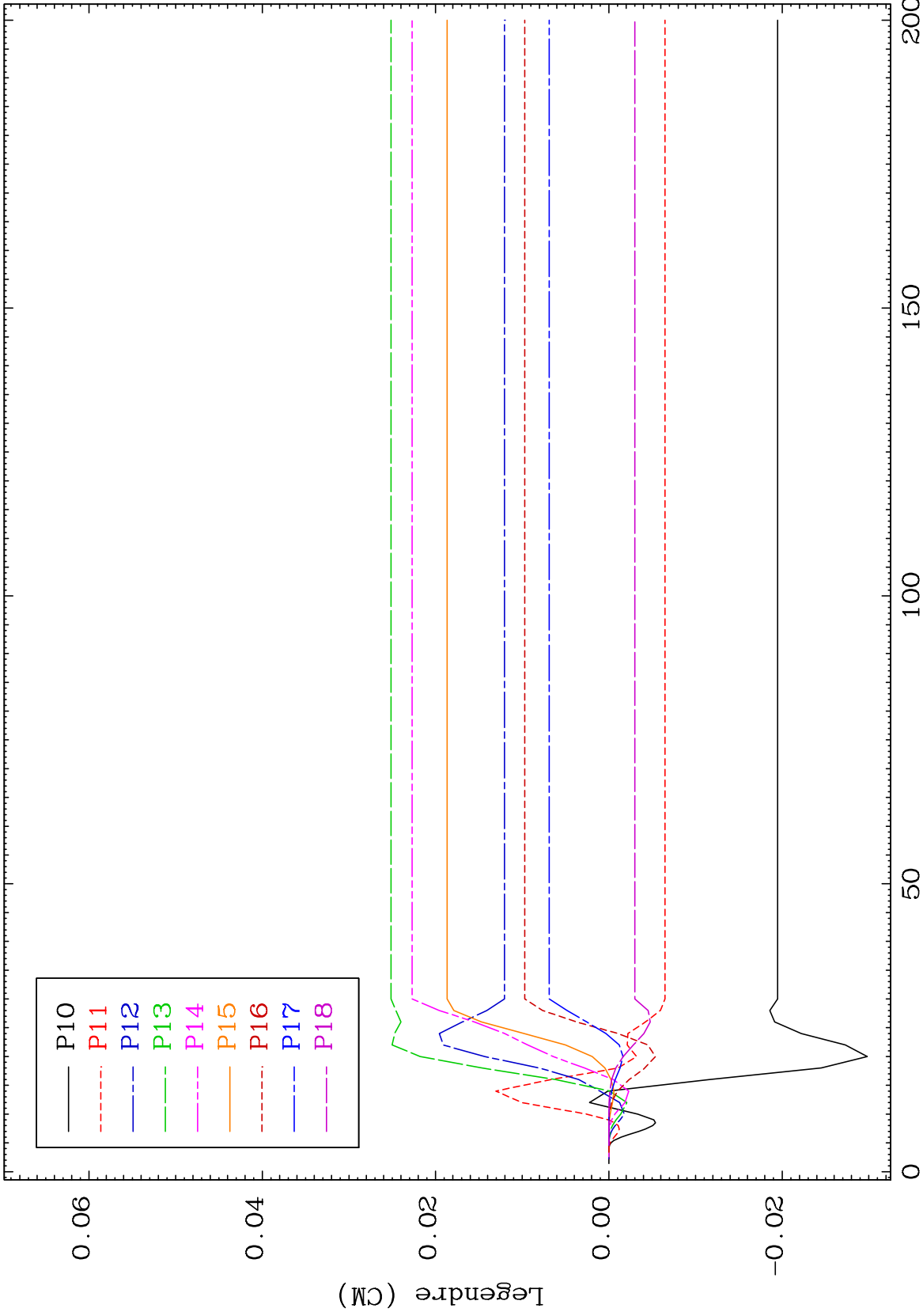
65-Tb-155



MAT 6513

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

65-Tb-155



72

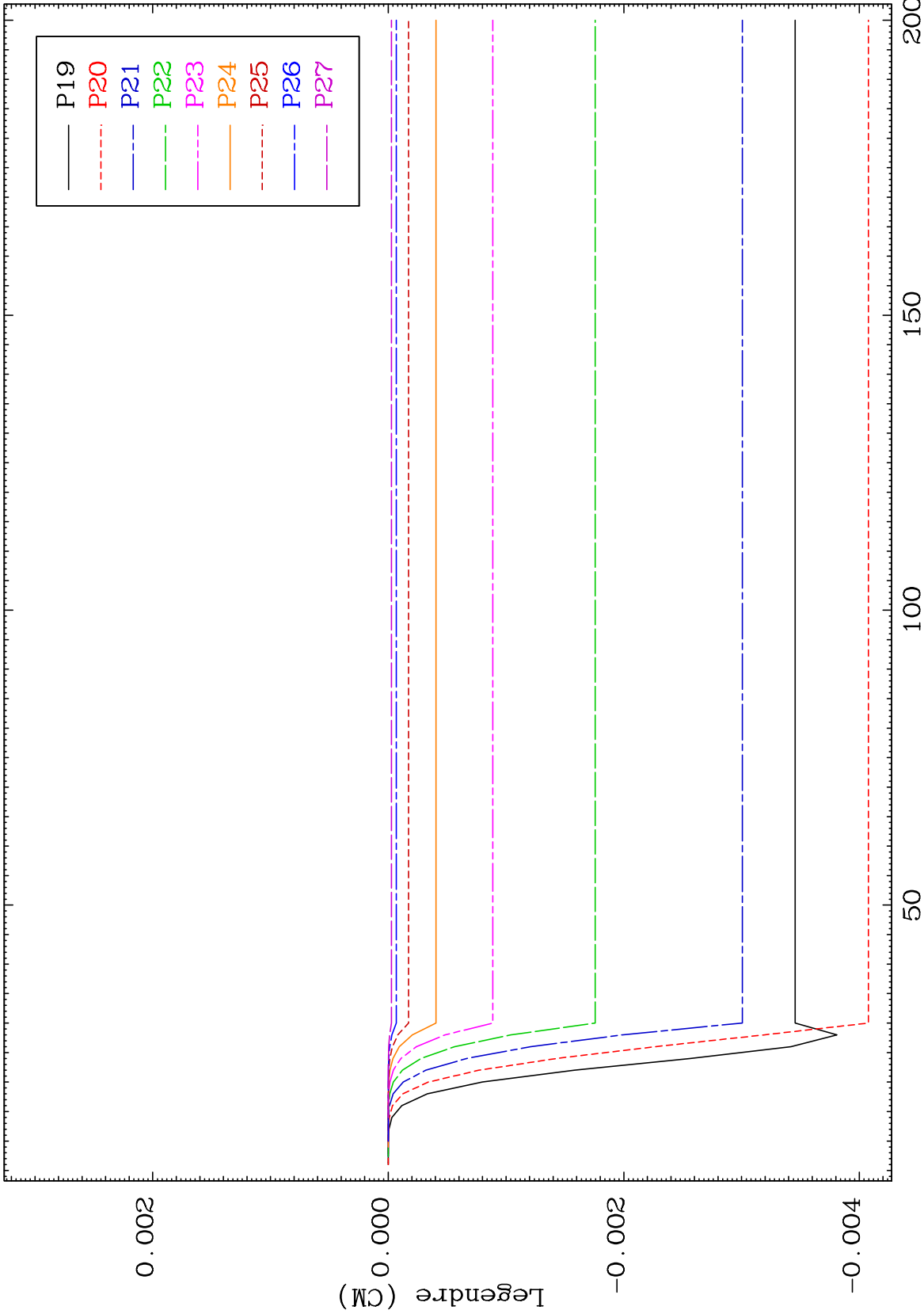
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



73

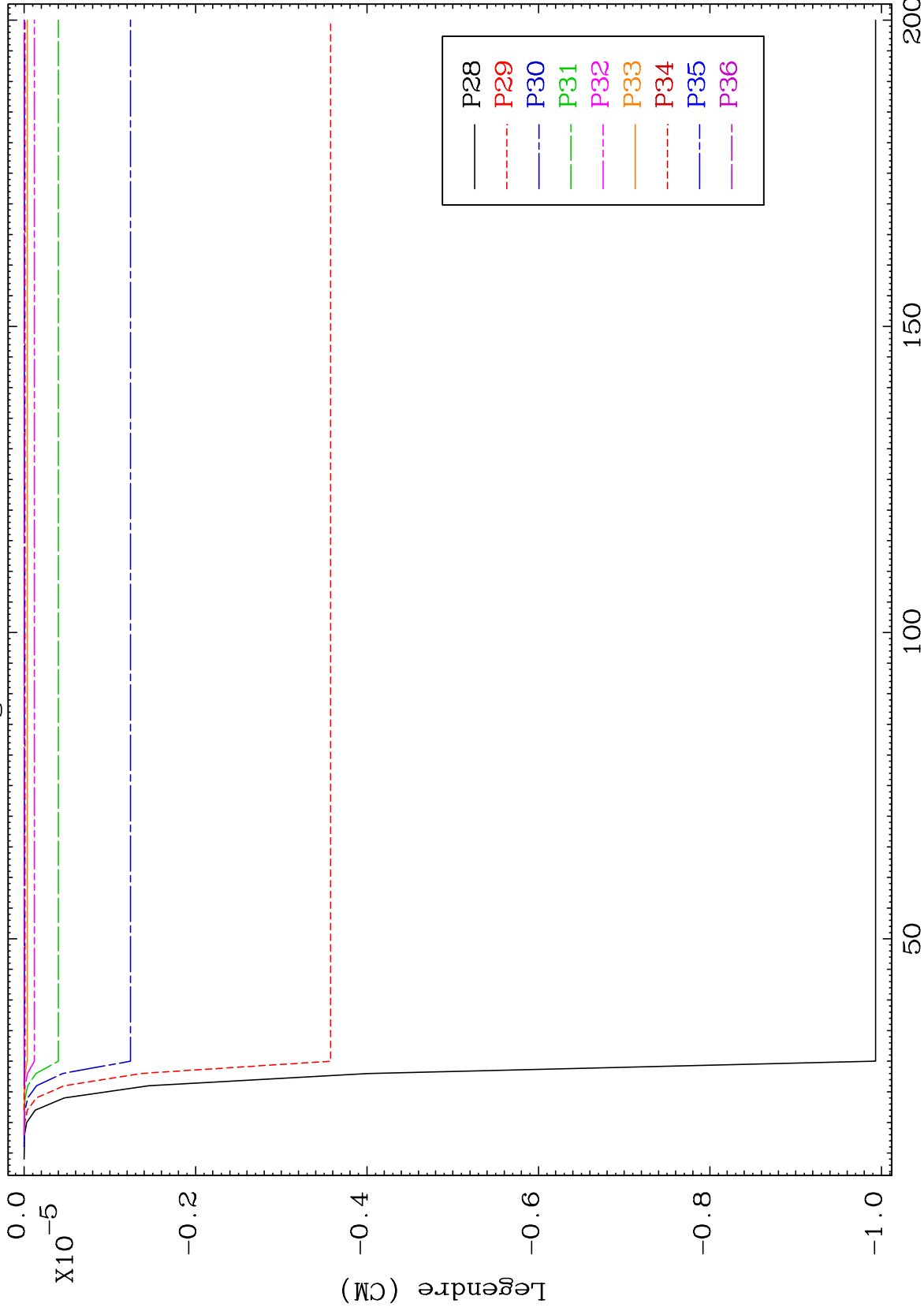
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

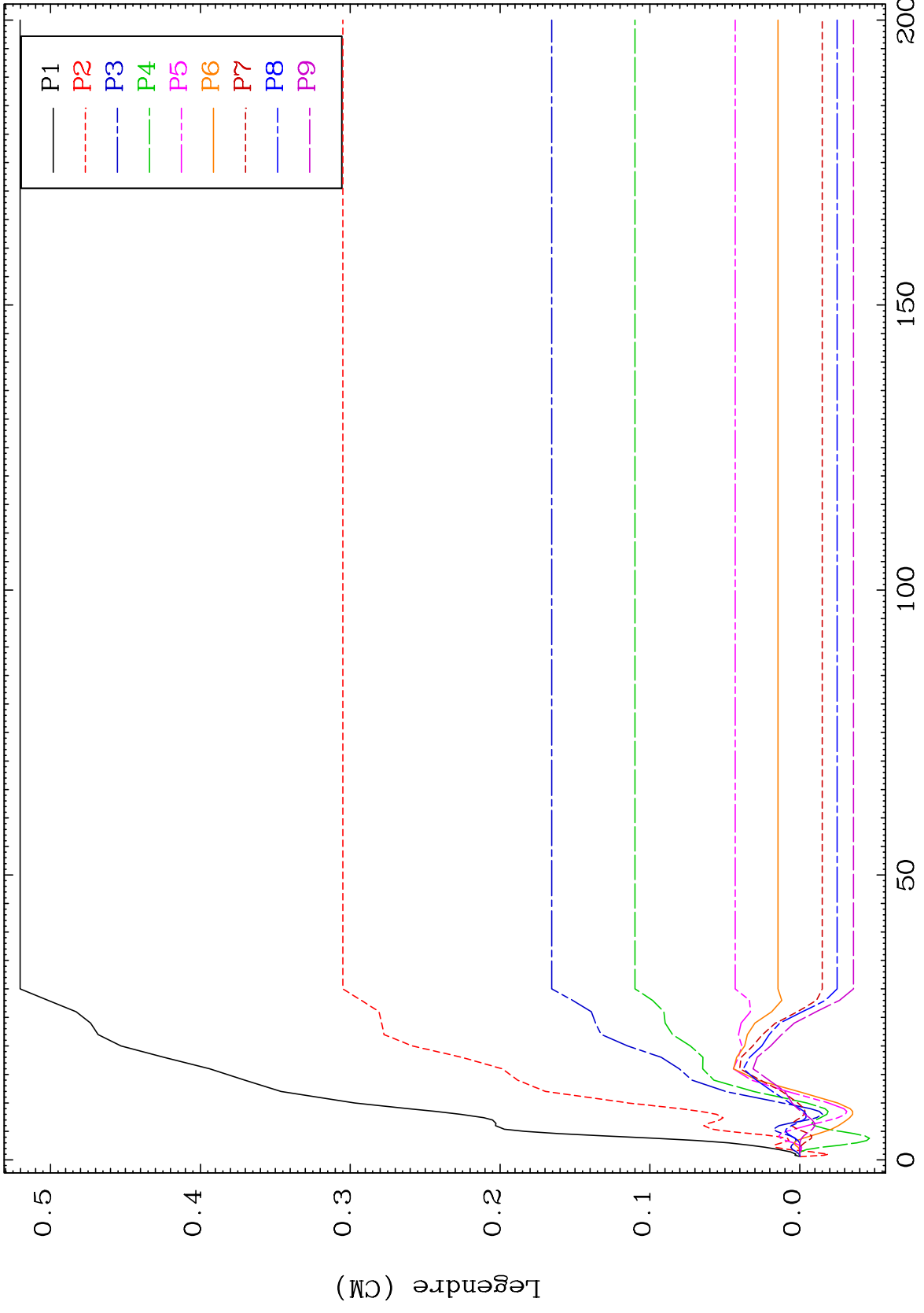


65-Tb-155

Incident Energy (MeV)

74

MAT 6513 MT= 66 (n,n') Level Legendre Coefficients 65-Tb-155

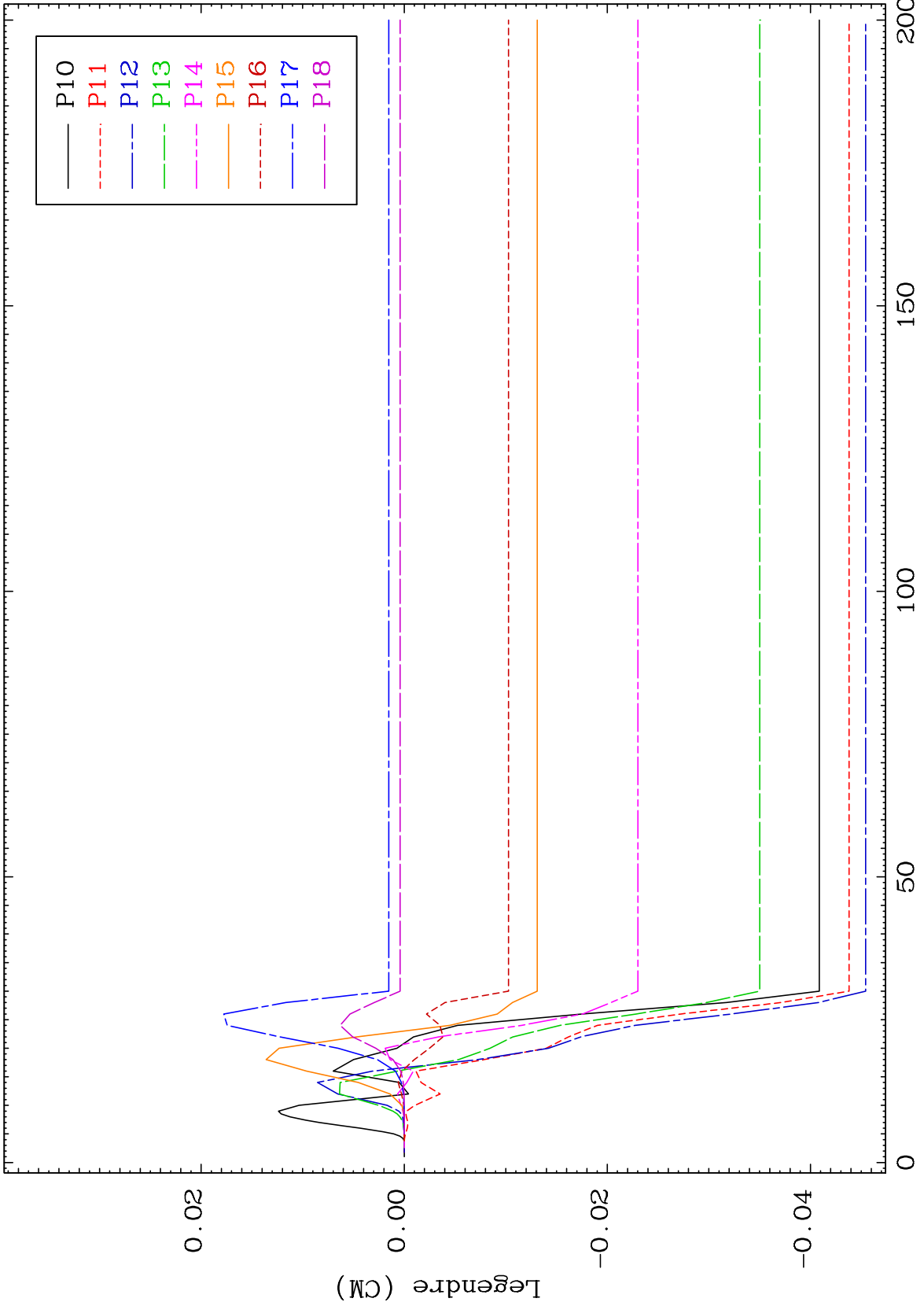


75 Incident Energy (MeV) 65-Tb-155

MAT 6513

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

65-Tb-155

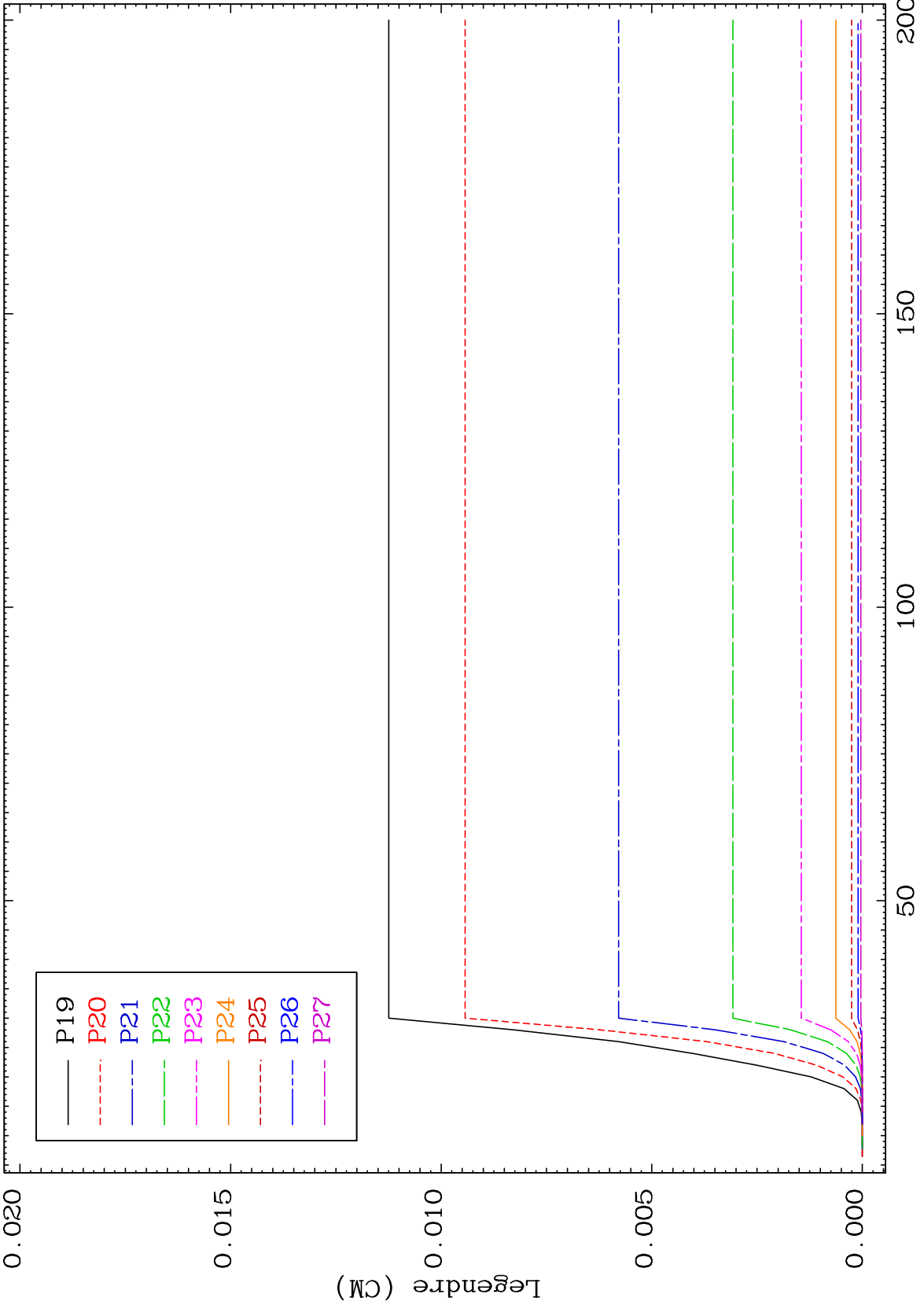


76

Incident Energy (MeV)

65-Tb-155

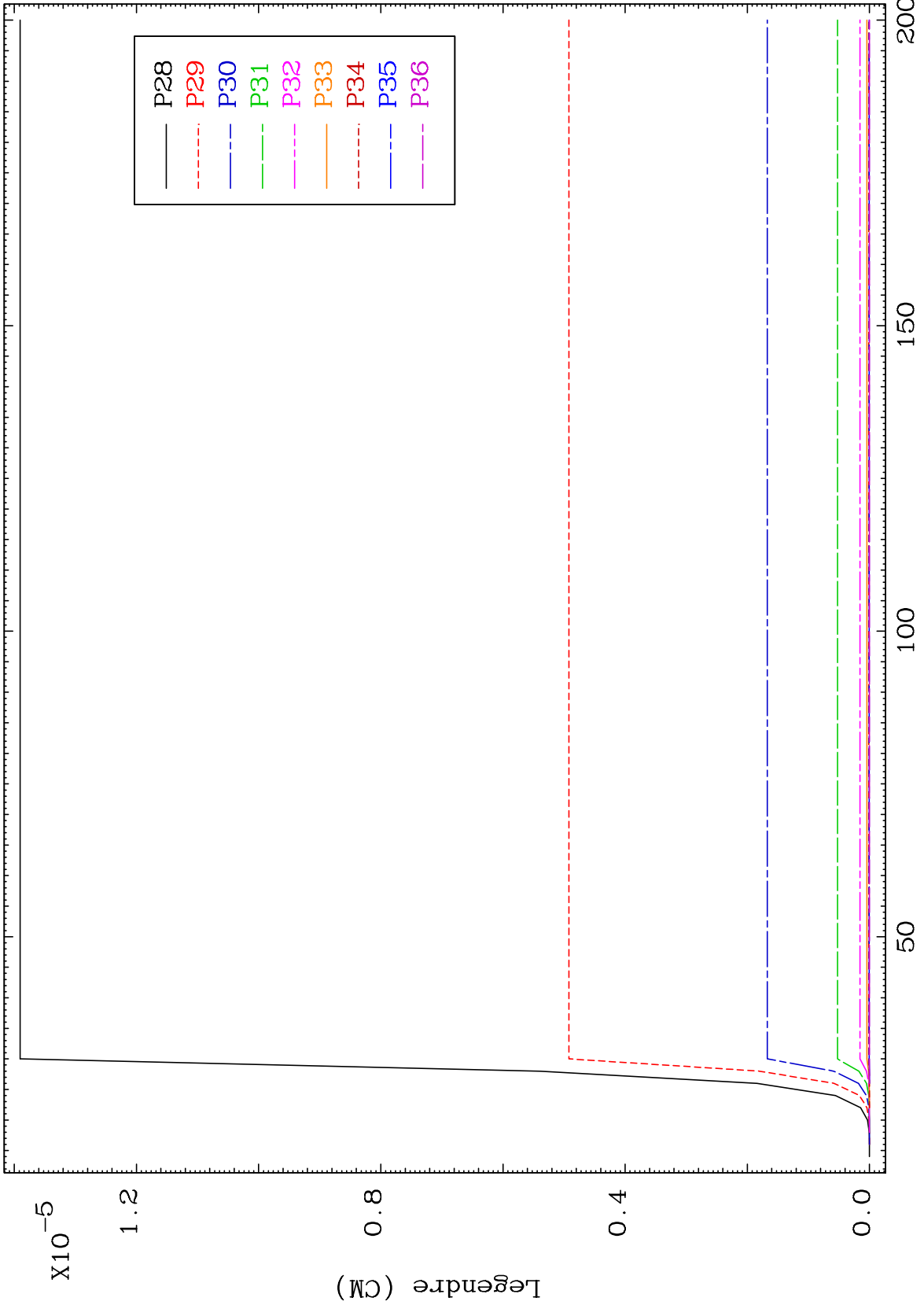
MAT 6513 MT= 66 (n,n') Level Legendre Coefficients 65-Tb-155



MAT 6513

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

65-Tb-155



78

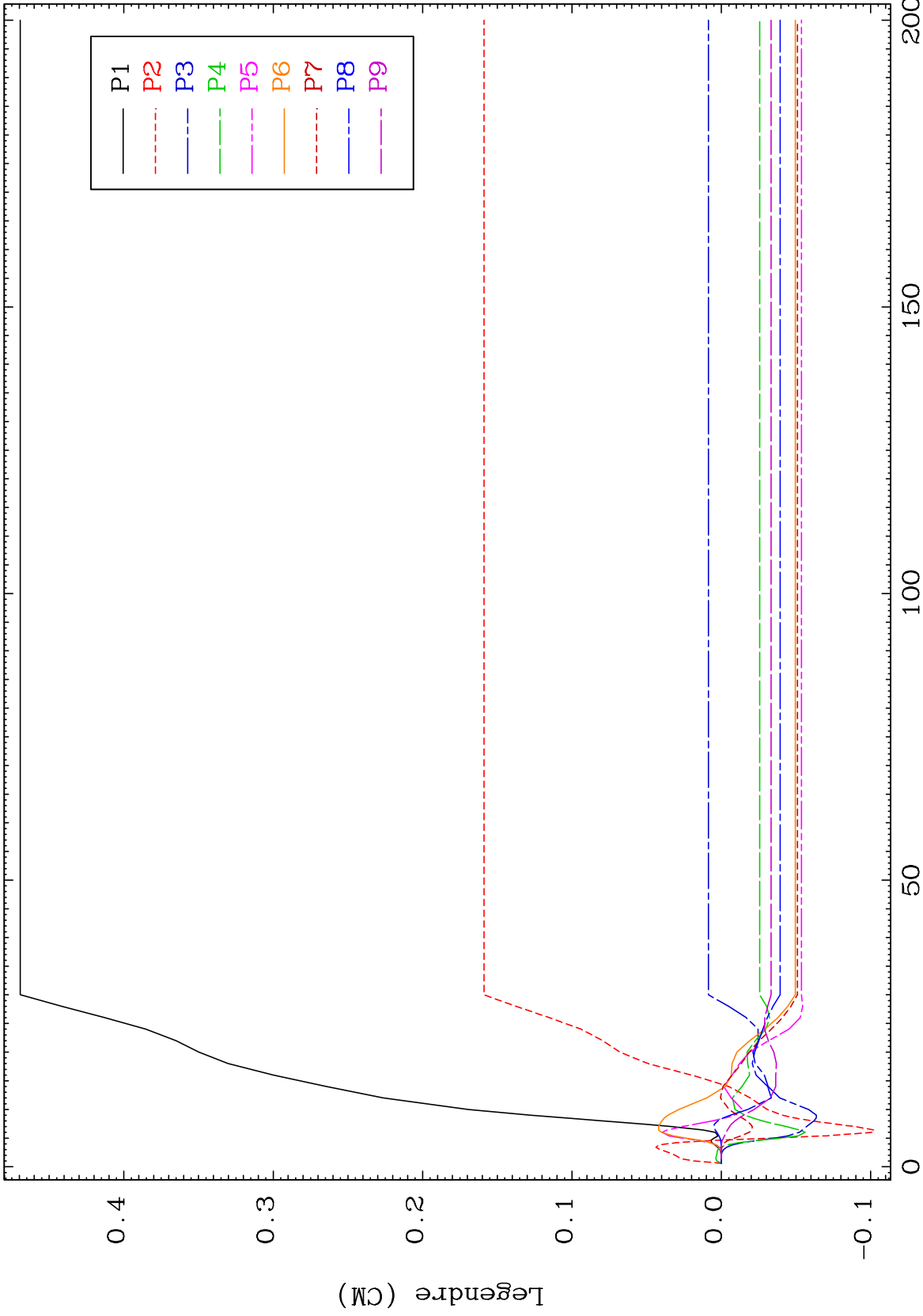
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



79

Incident Energy (MeV)

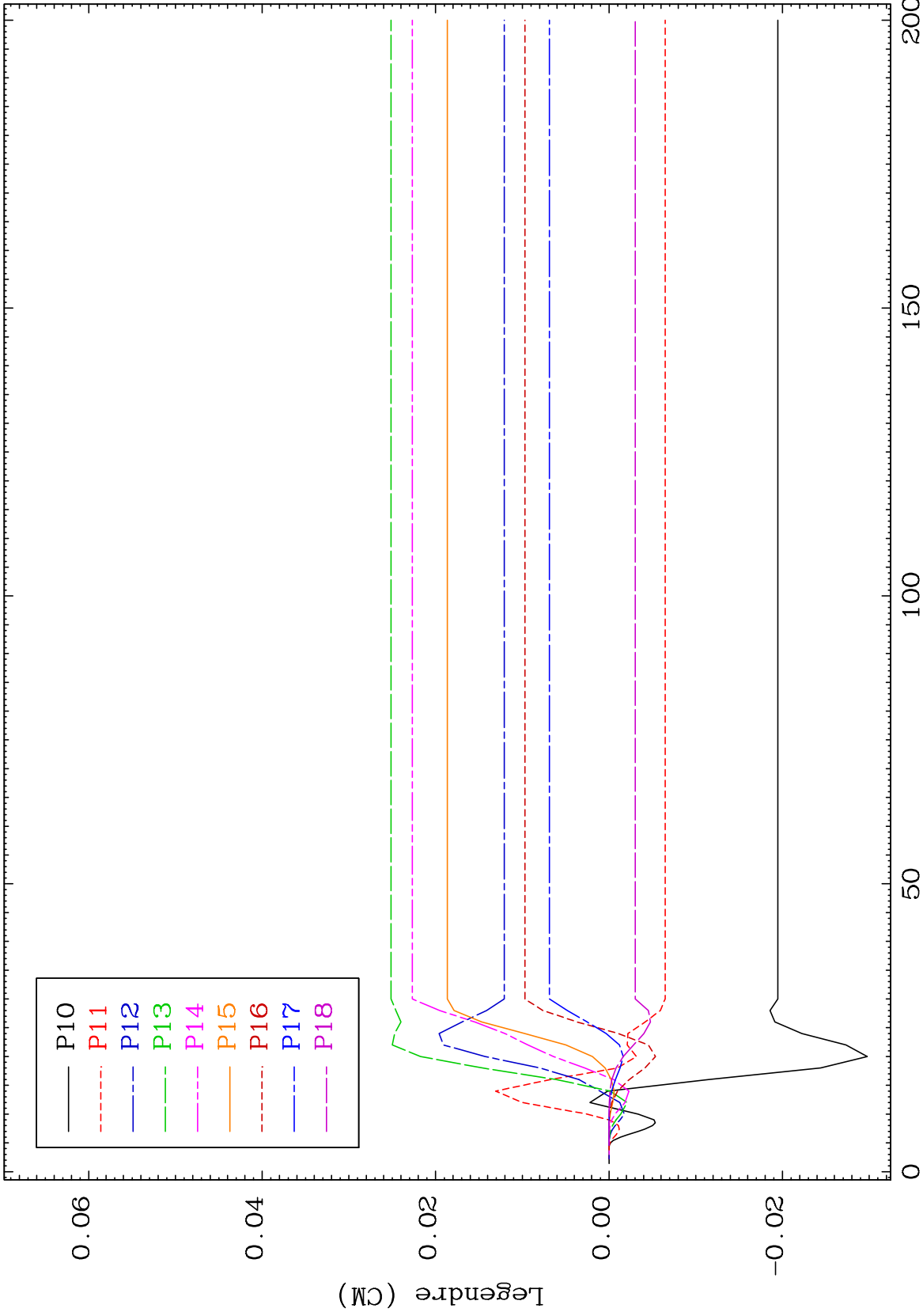
65-Tb-155



MAT 6513

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

65-Tb-155



80

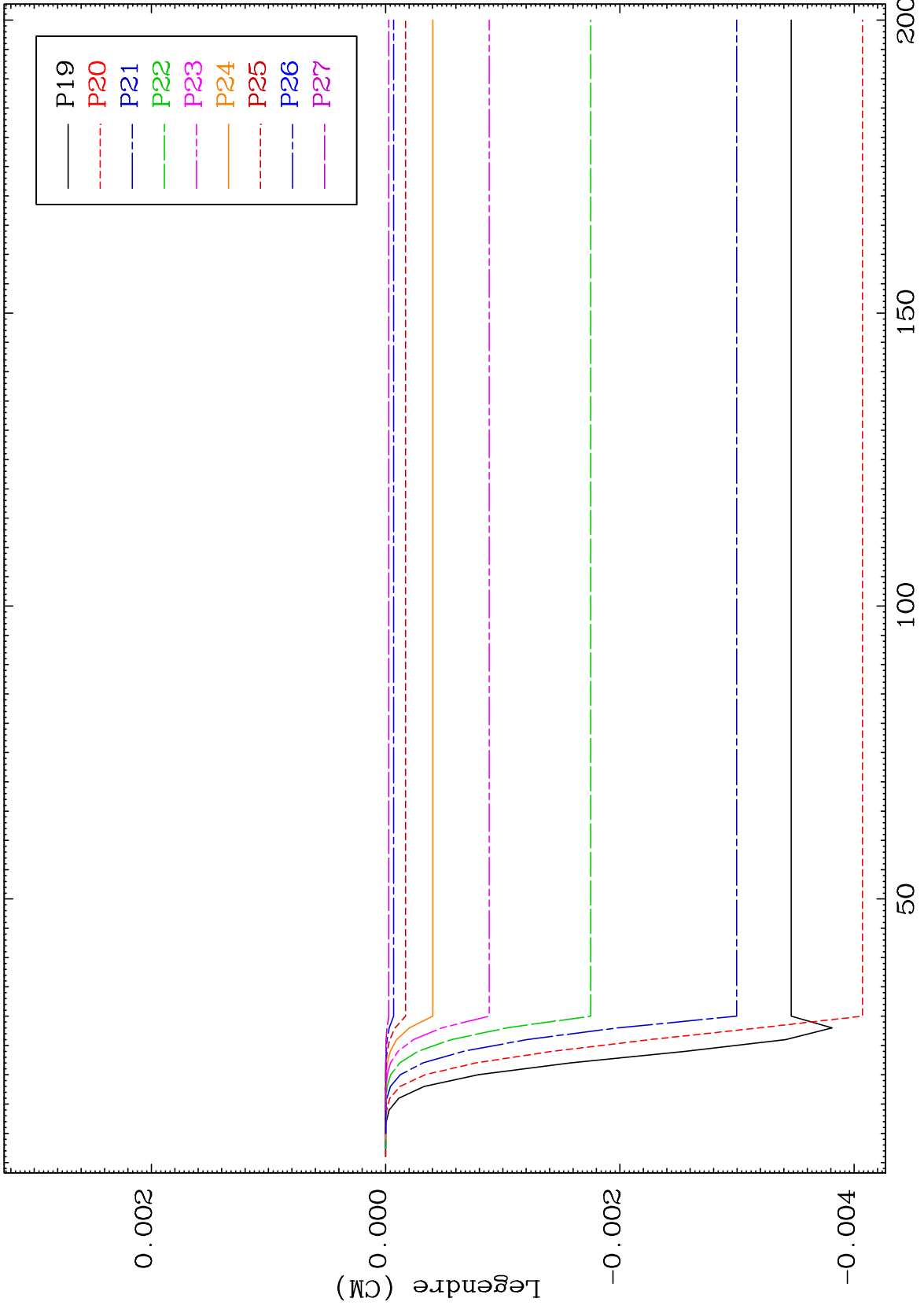
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

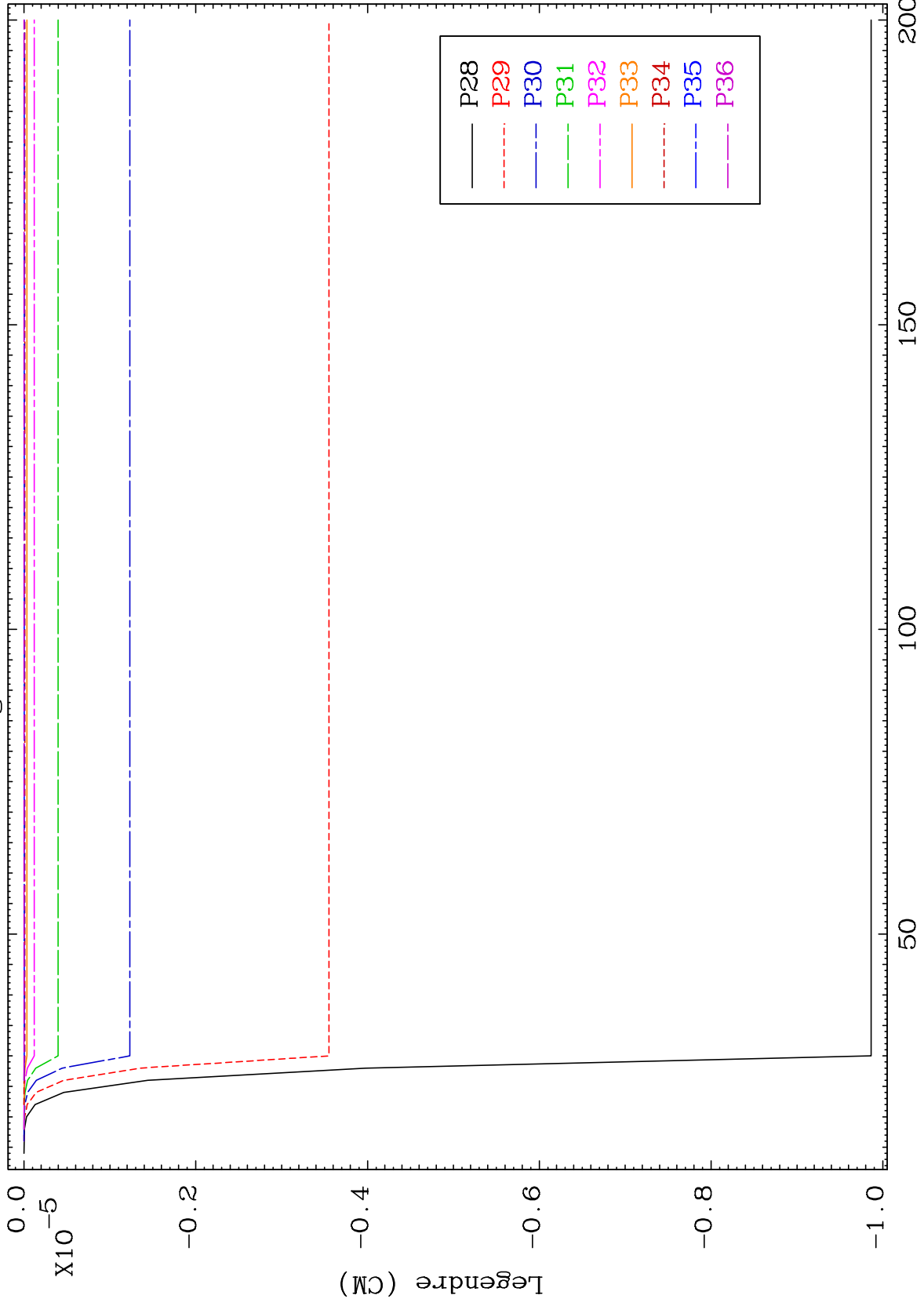
65-Tb-155



MAT 6513

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

65-Tb-155



82

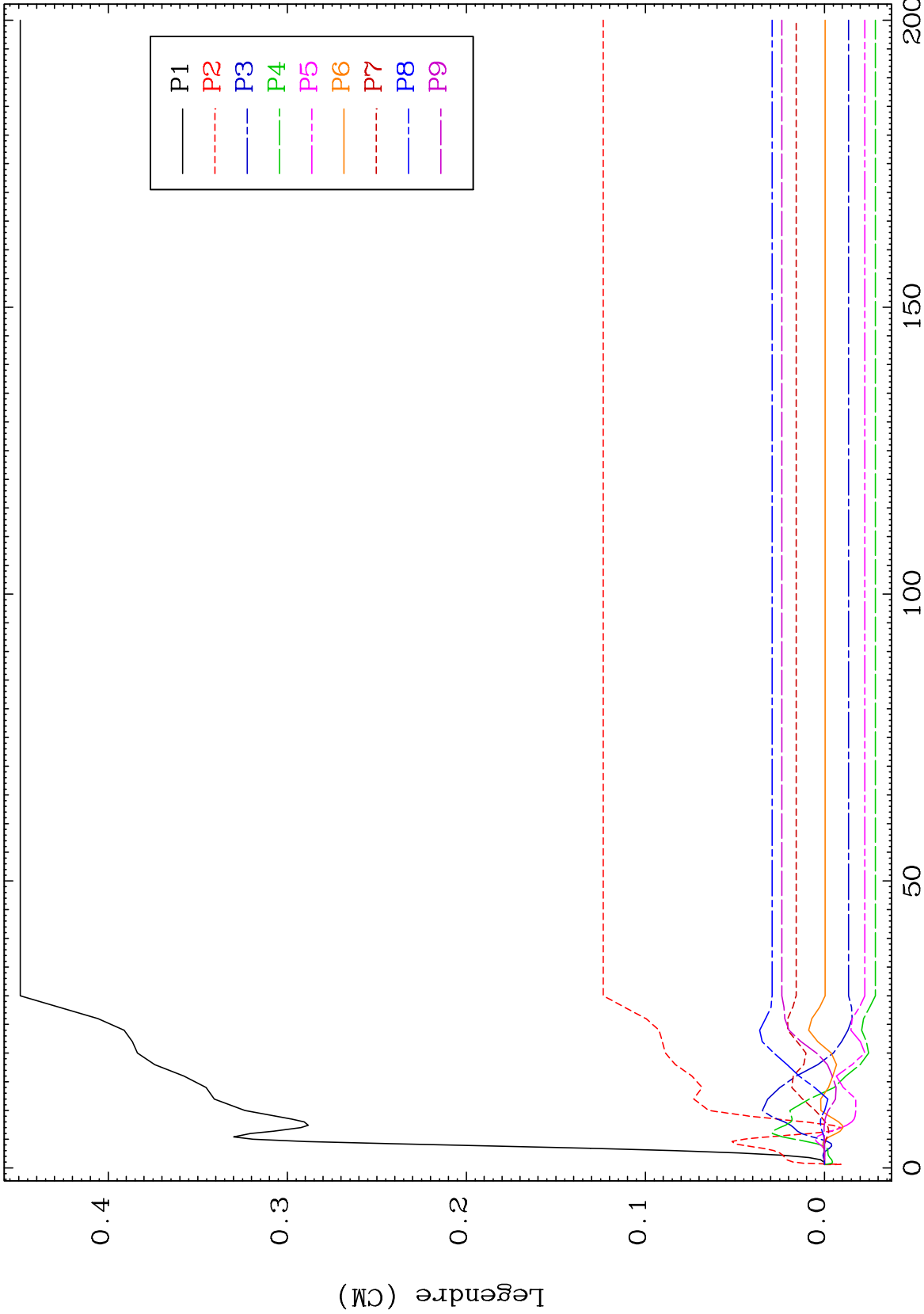
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



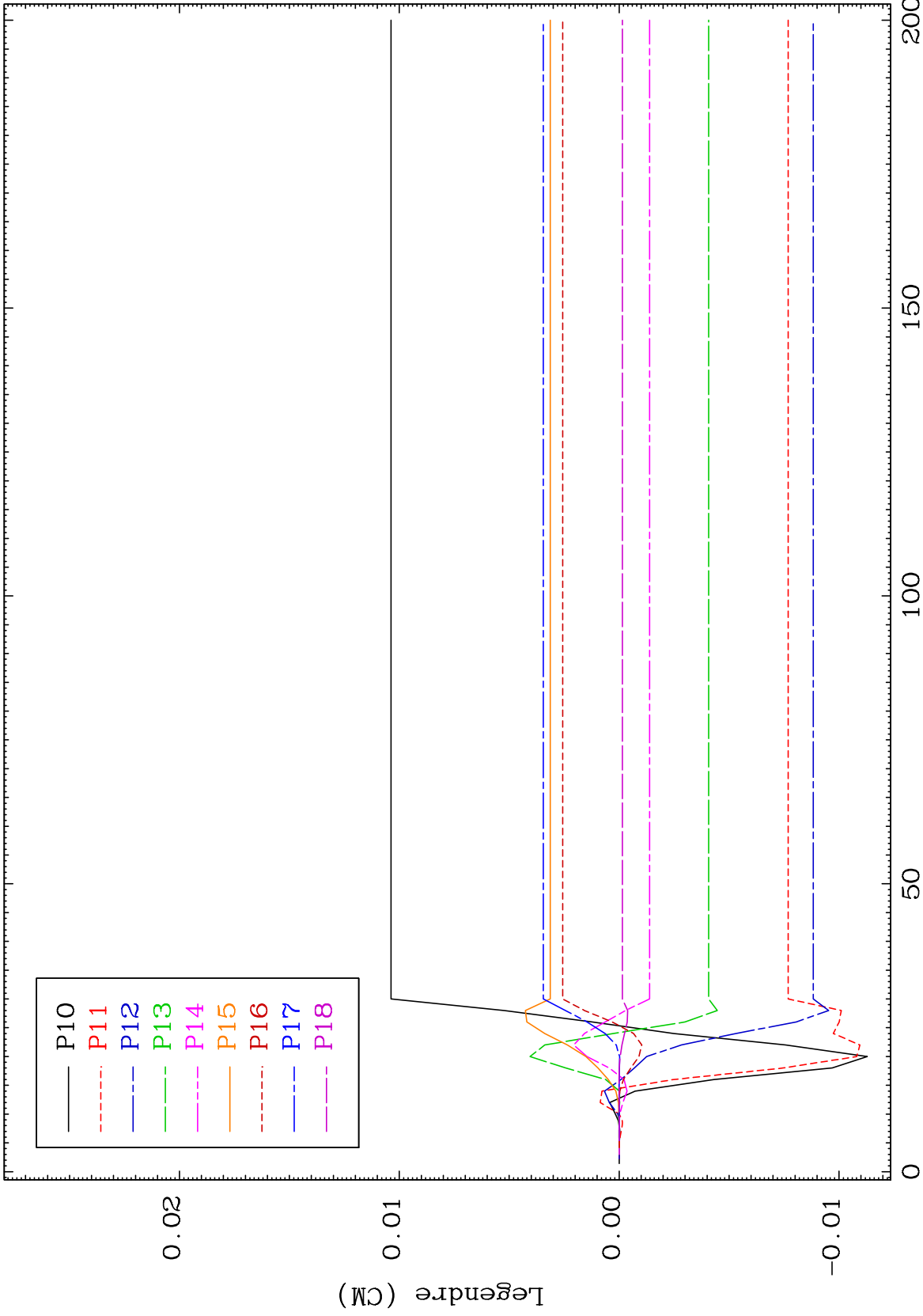
83

65-Tb-155

MAT 6513

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

65-Tb-155



84

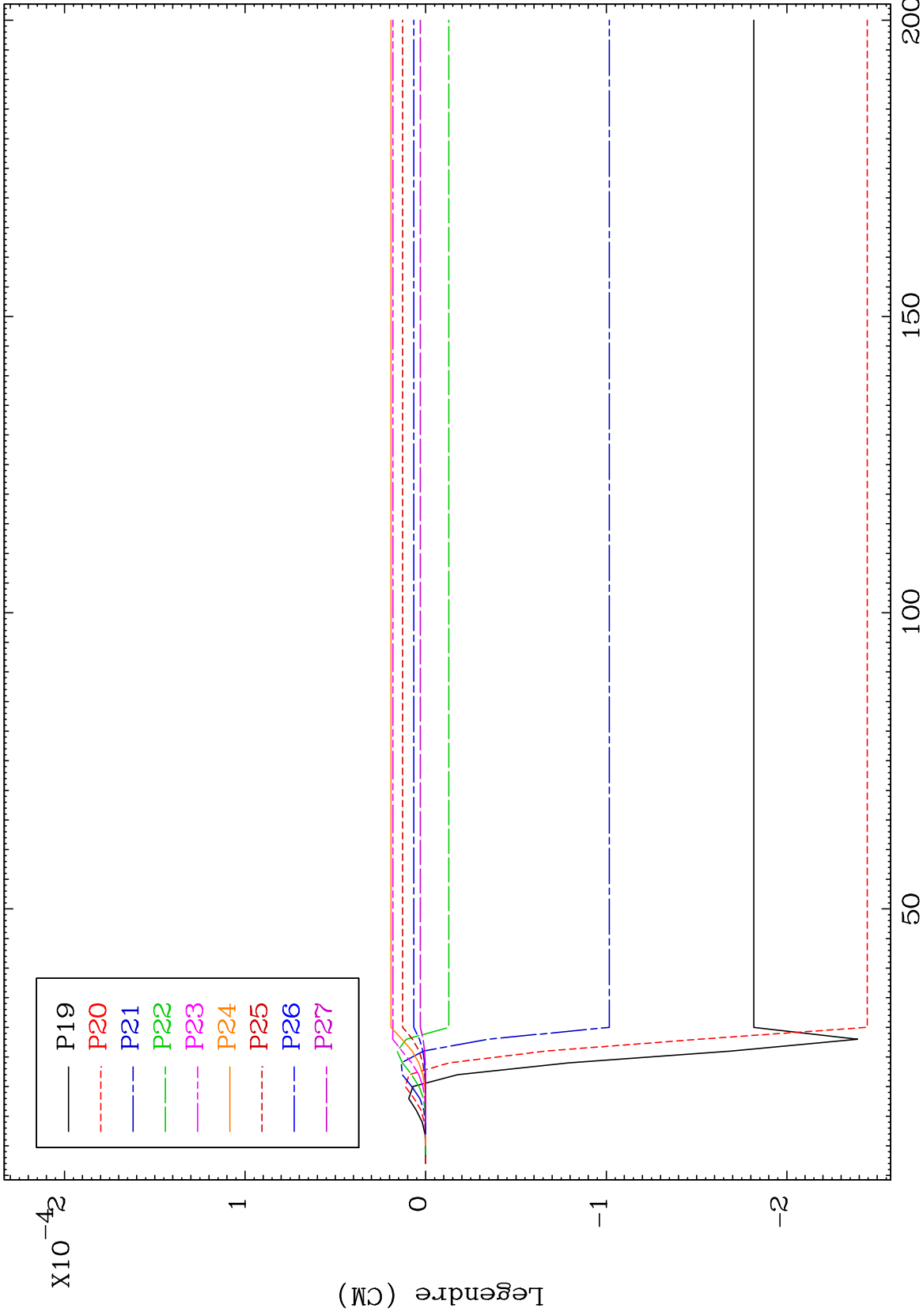
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

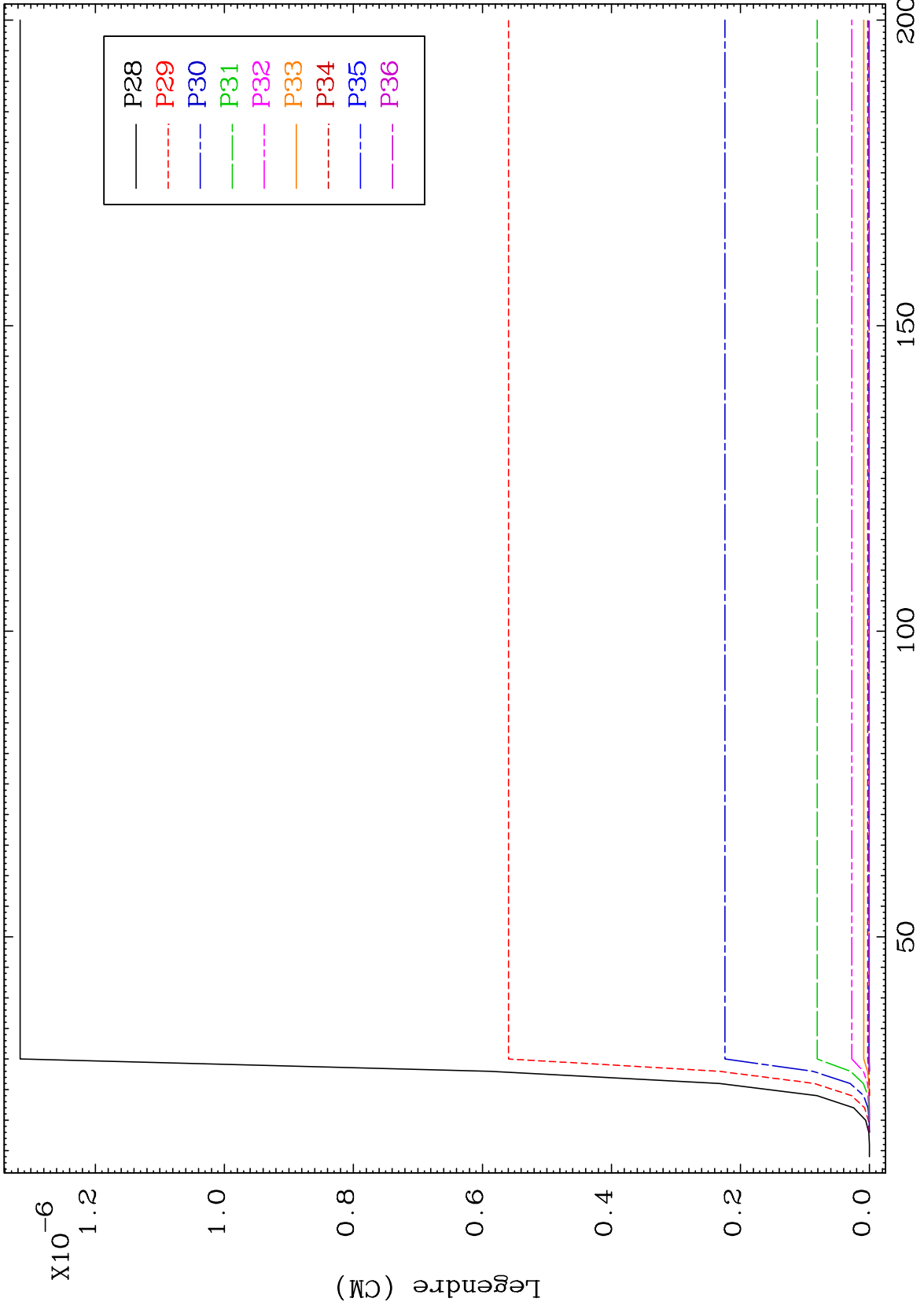


85

Incident Energy (MeV)

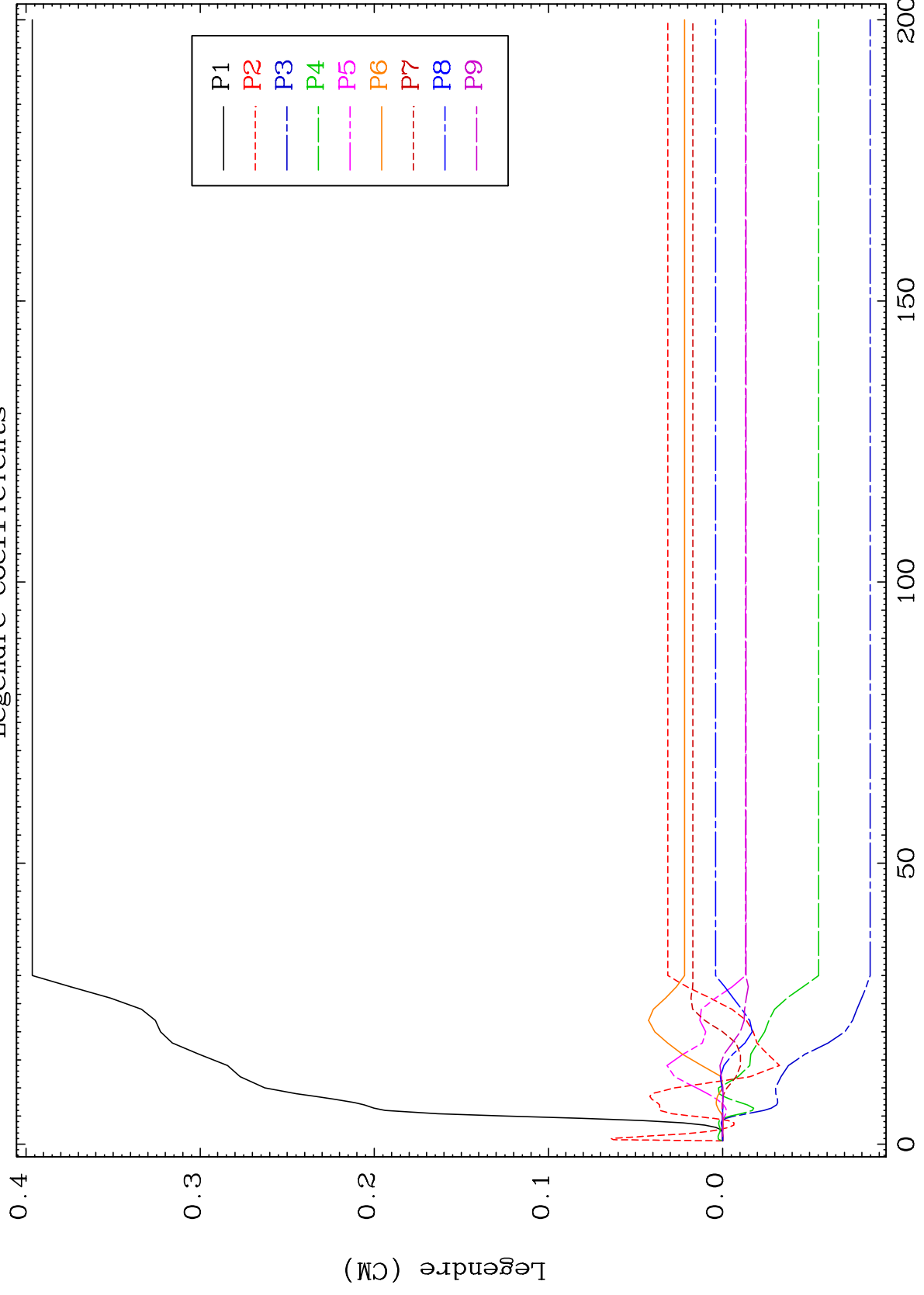
65-Tb-155

MAT 6513 MT= 68 (n,n') Level Legendre Coefficients 65-Tb-155



86 65-Tb-155

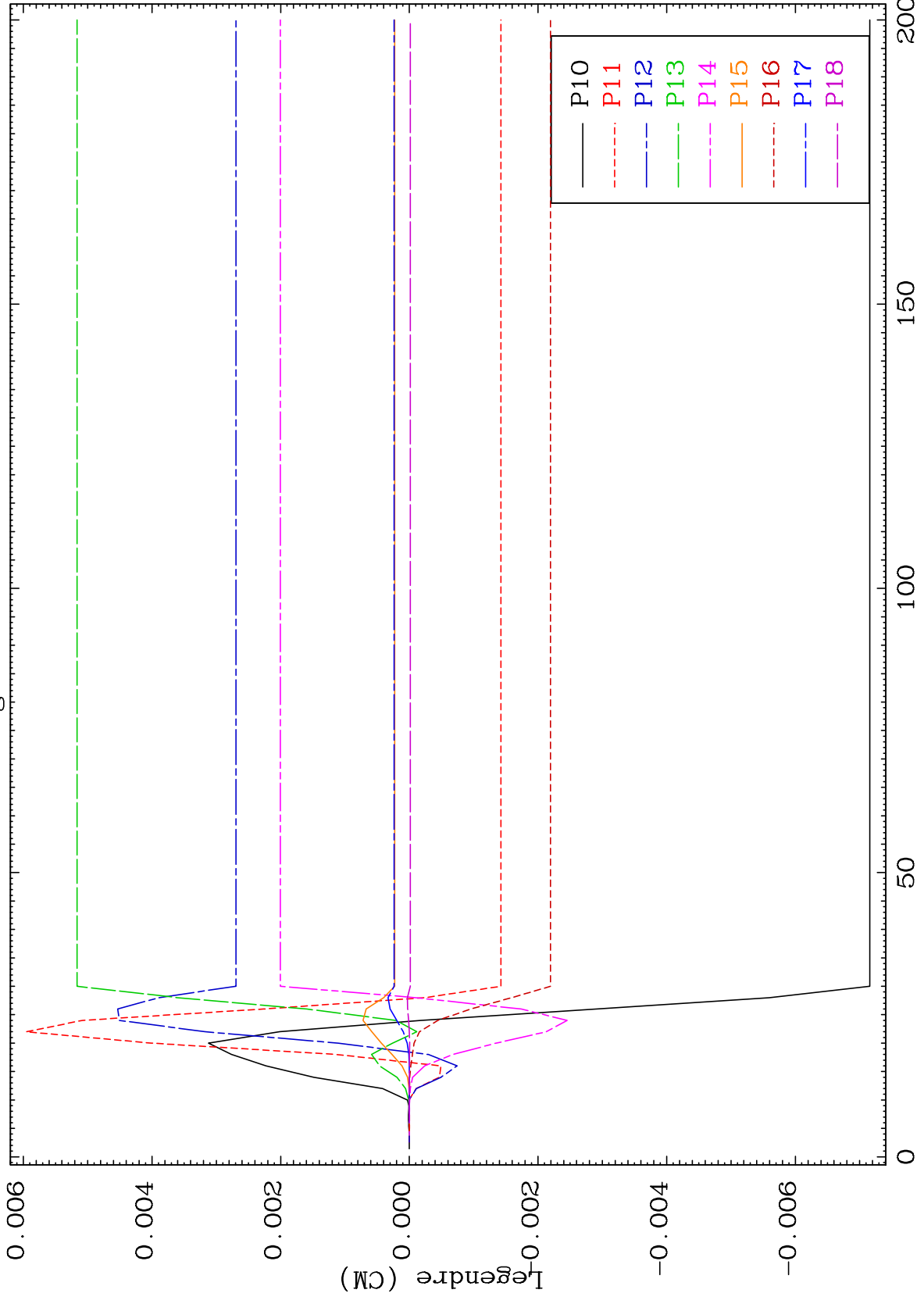
MAT 6513 MT= 69 (n,n') Level Legendre Coefficients 65-Tb-155



87 65-Tb-155



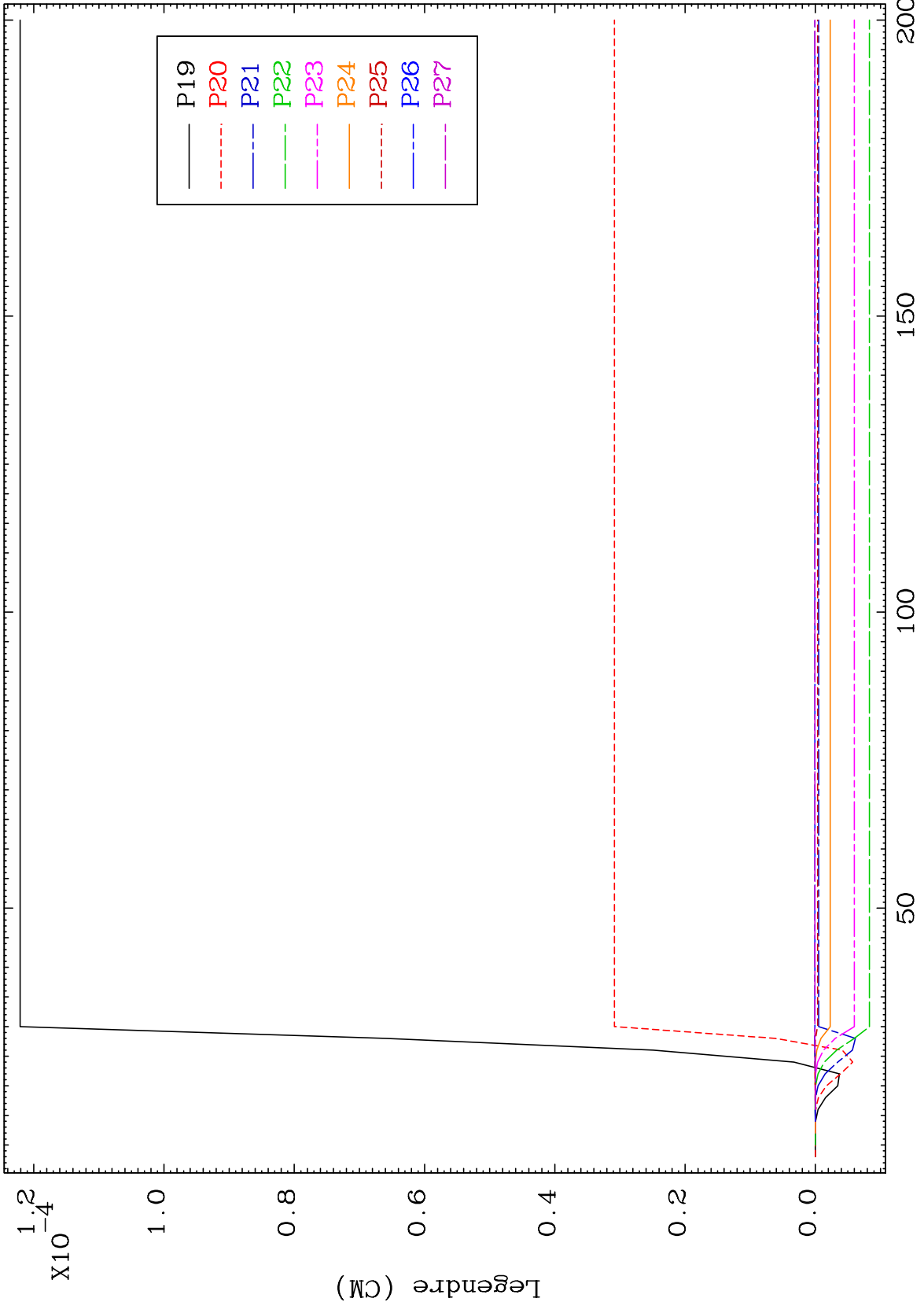
MAT 6513 MT= 69 (n,n') Level Legendre Coefficients 65-Tb-155



MAT 6513

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

65-Tb-155

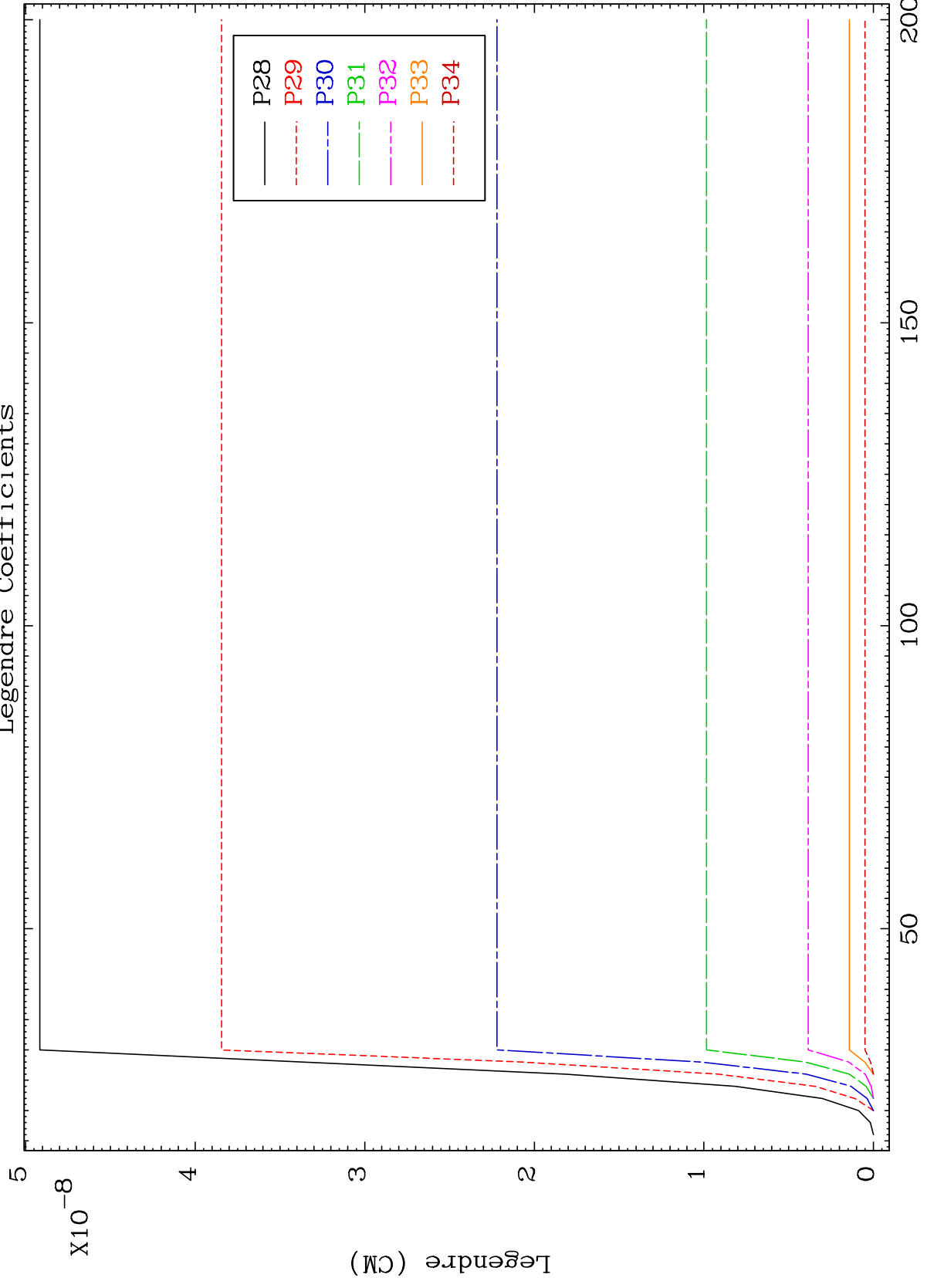


89

Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 69 (n,n') Level Legendre Coefficients 65-Tb-155

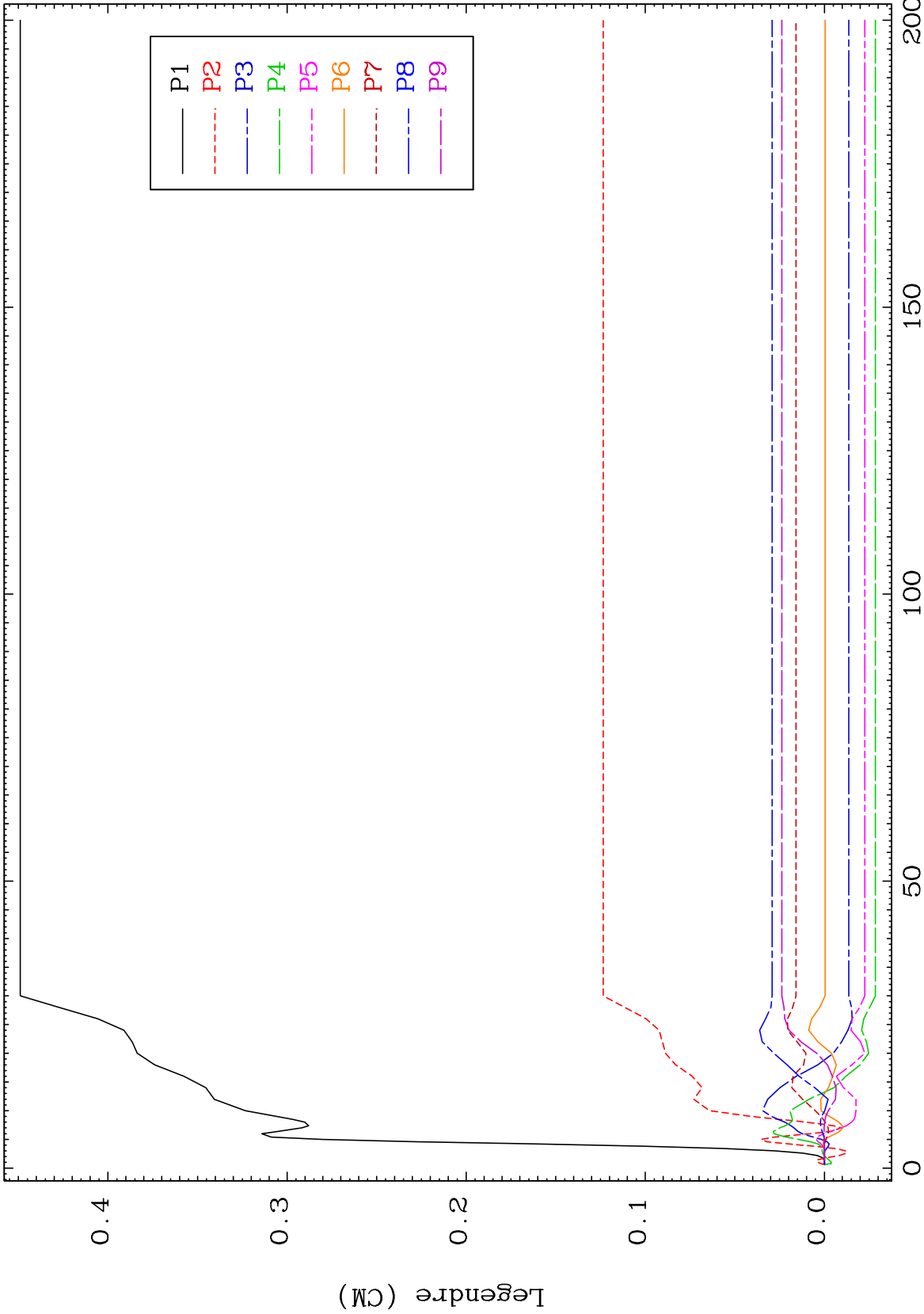


90 50 100 150 200 Incident Energy (MeV) 65-Tb-155

MAT 6513

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

65-Tb-155



91

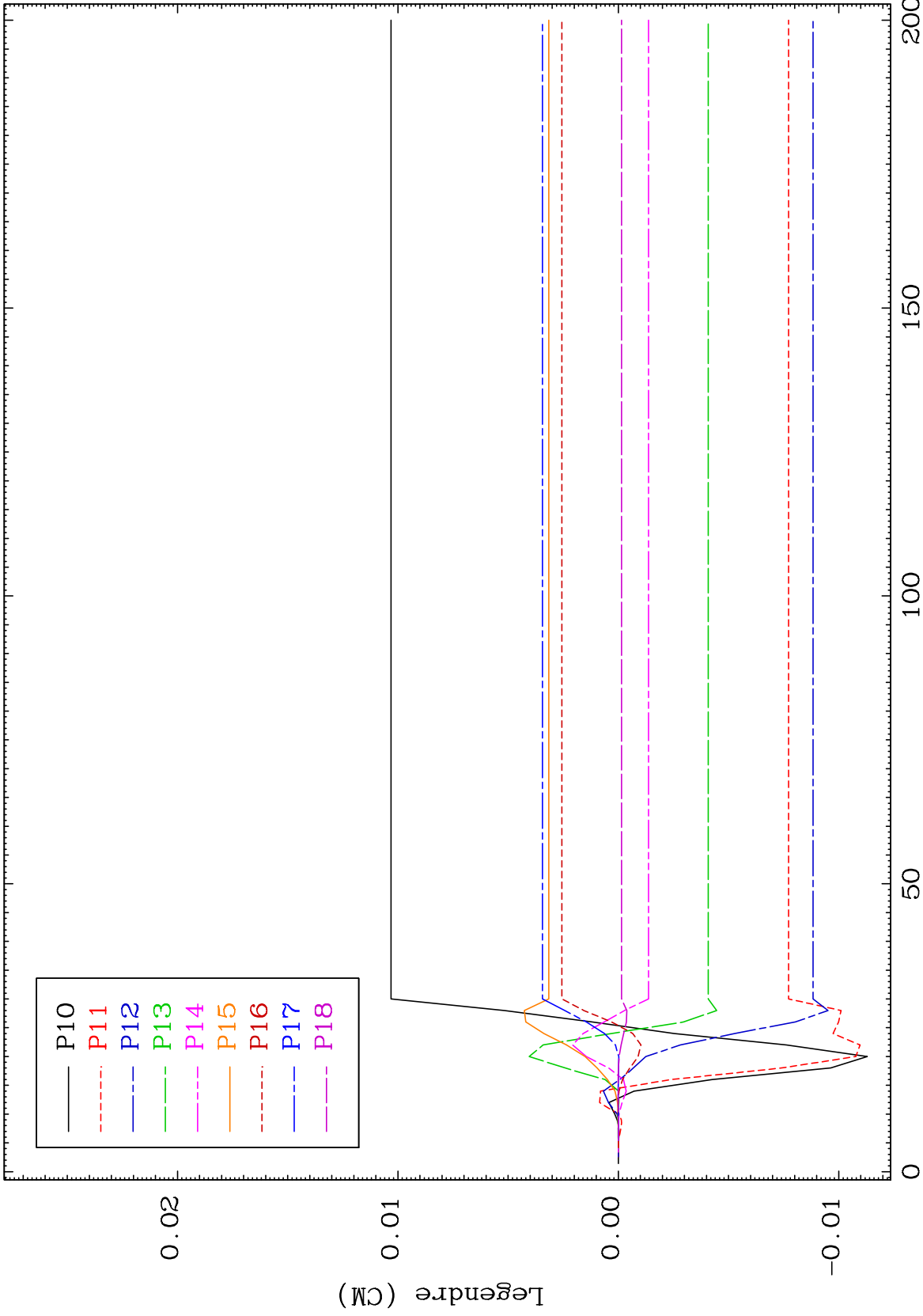
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



92

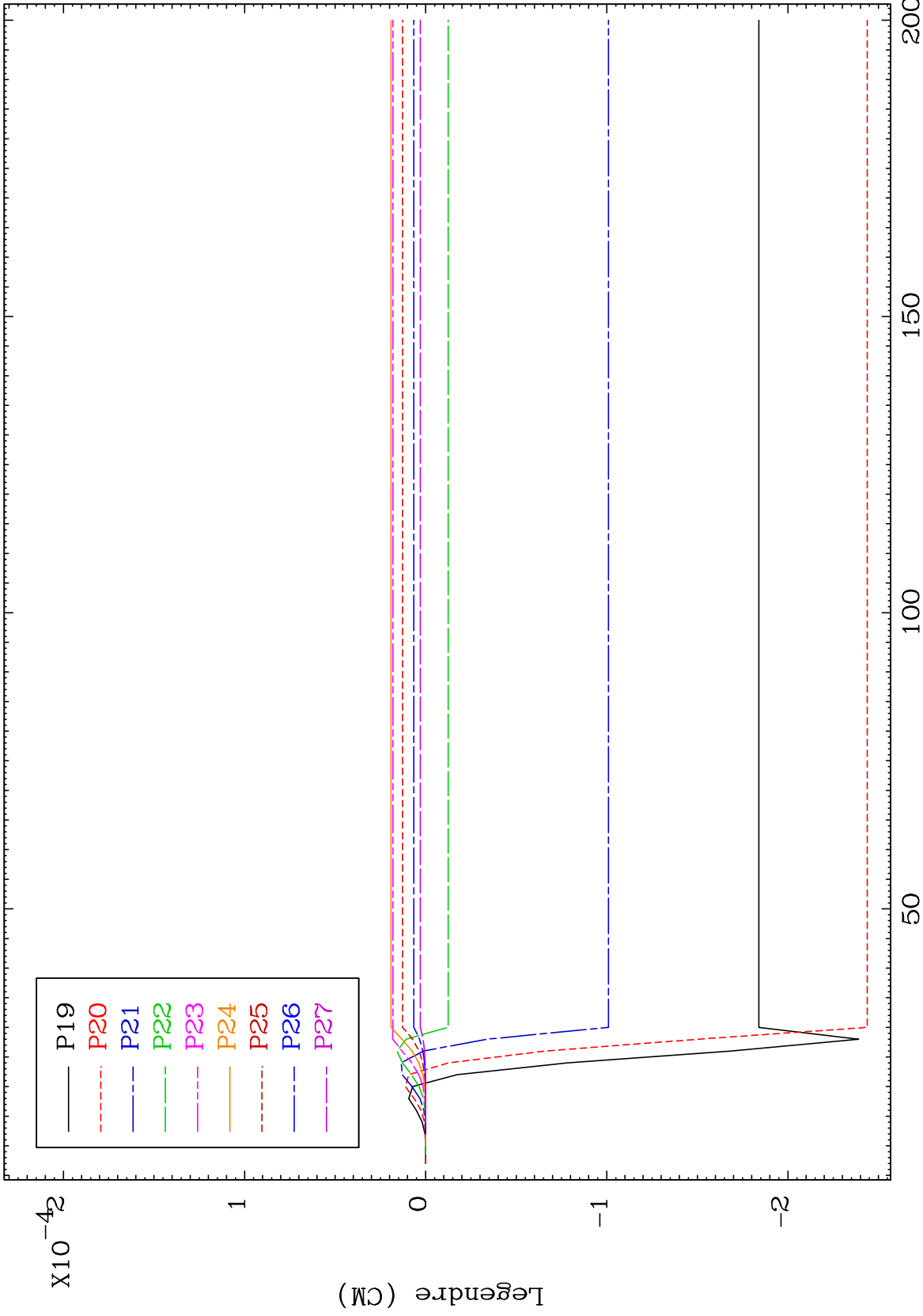
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



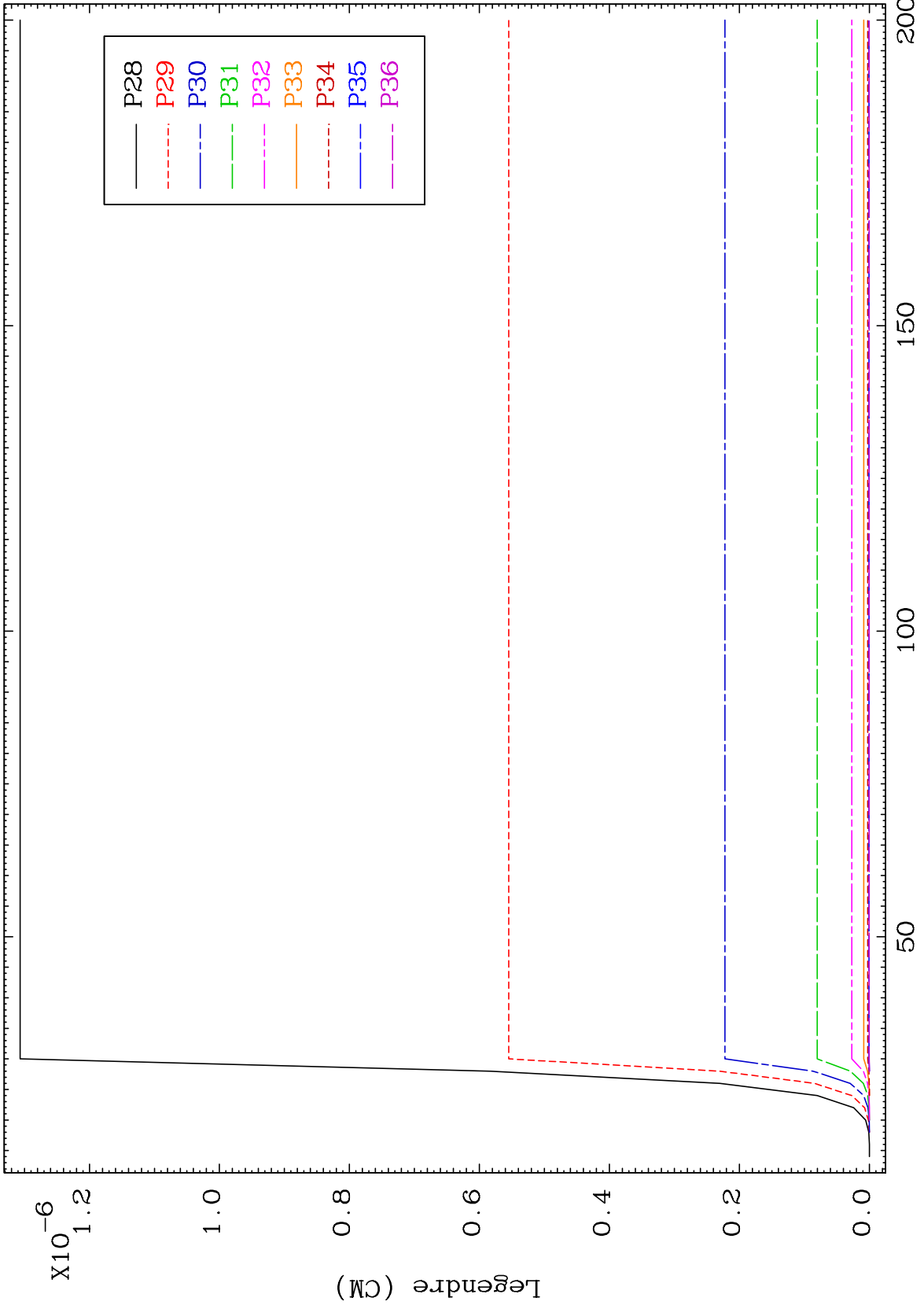
93

65-Tb-155

MAT 6513

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

65-Tb-155



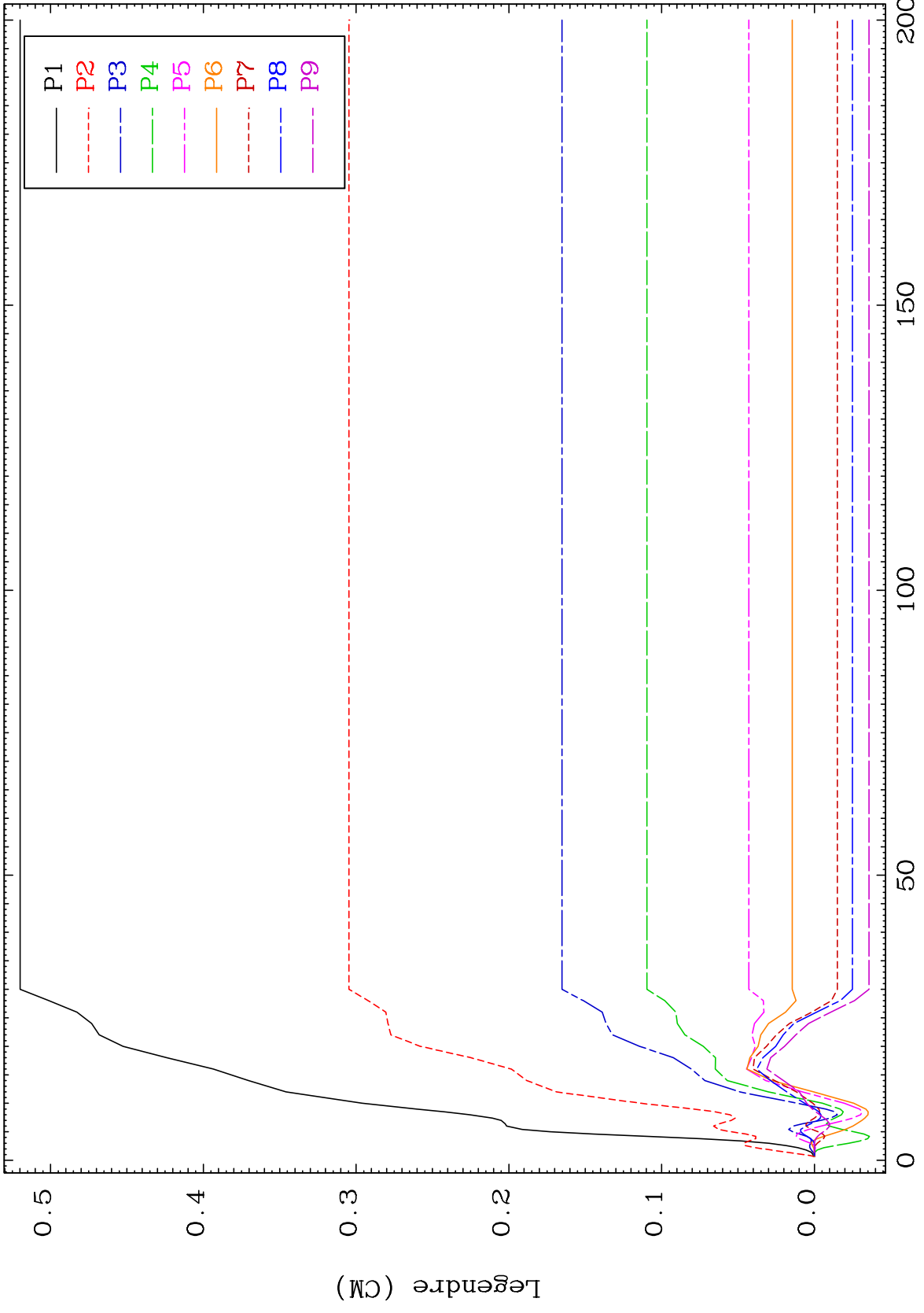
94

65-Tb-155

MAT 6513

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

65-Tb-155



95

Incident Energy (MeV)

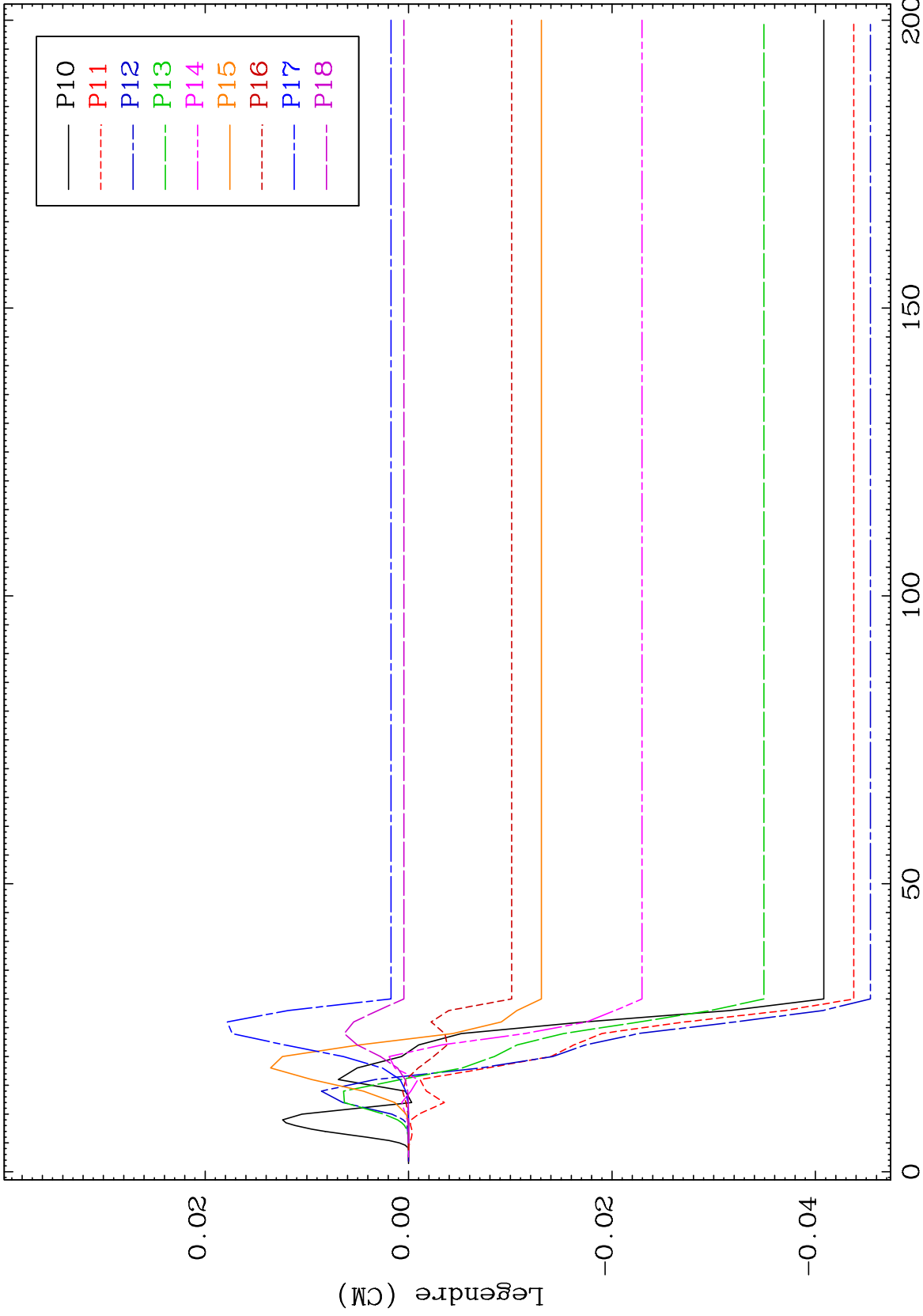
65-Tb-155



MAT 6513

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

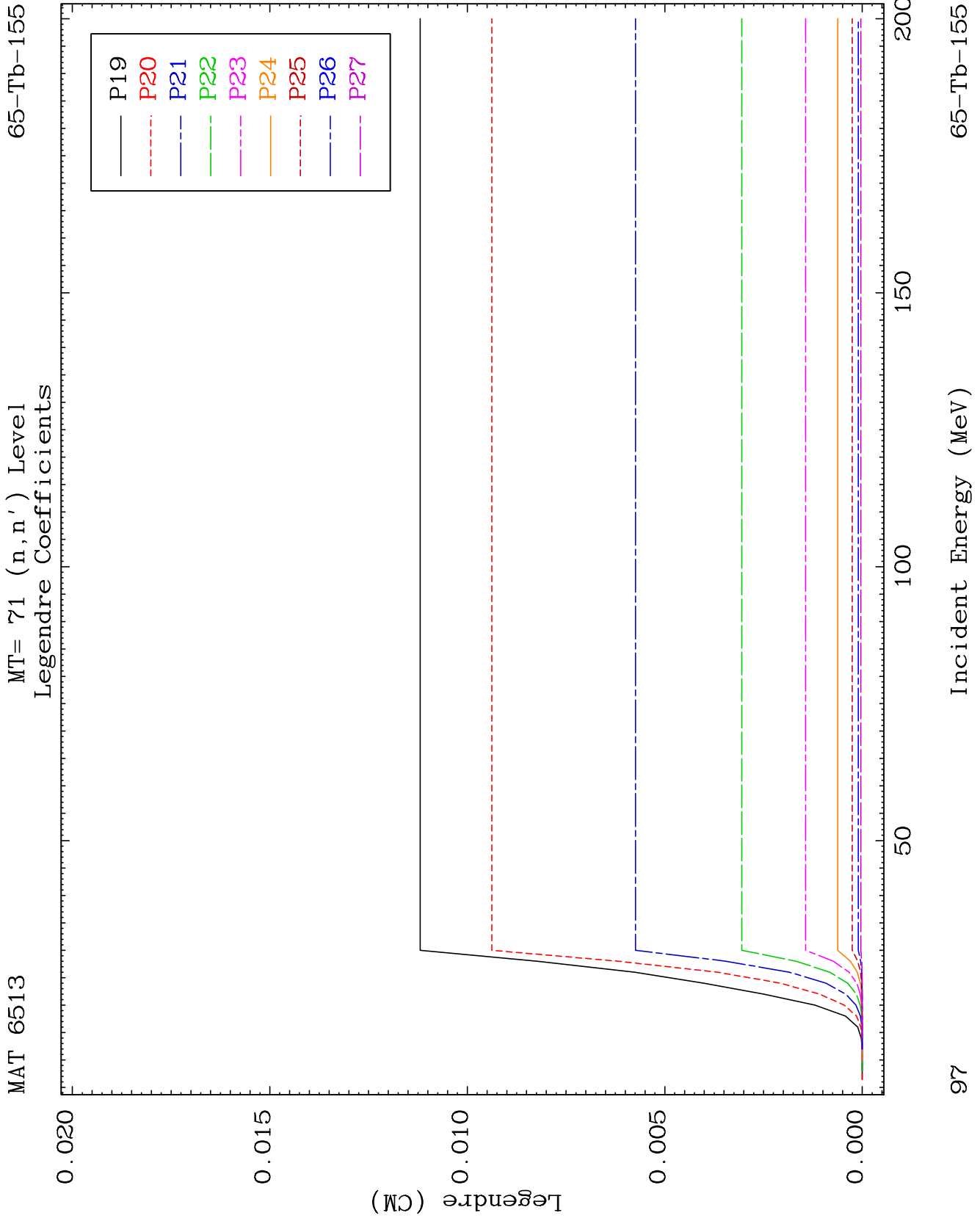
65-Tb-155



96

Incident Energy (MeV)

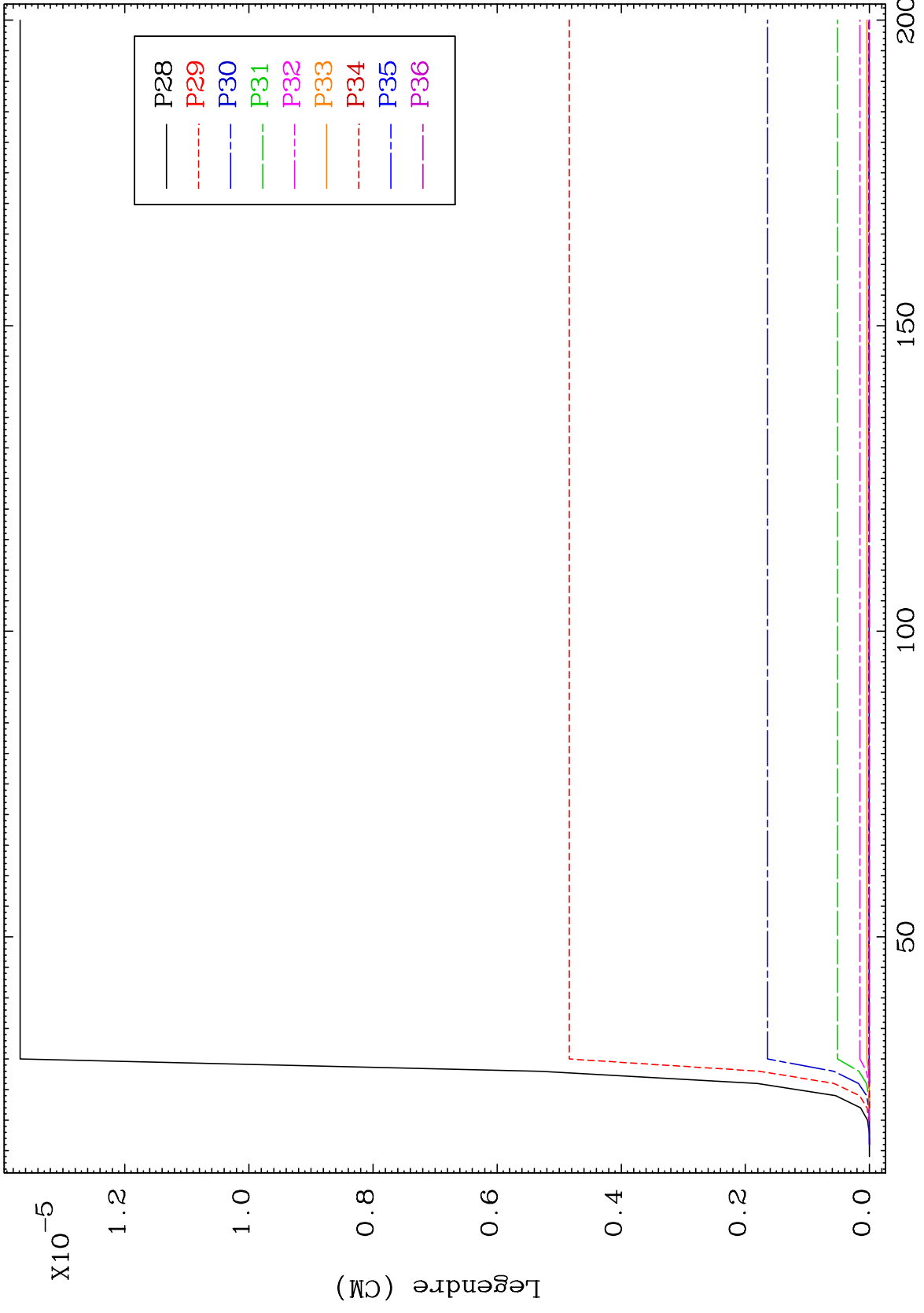
65-Tb-155



MAT 6513

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

65-Tb-155



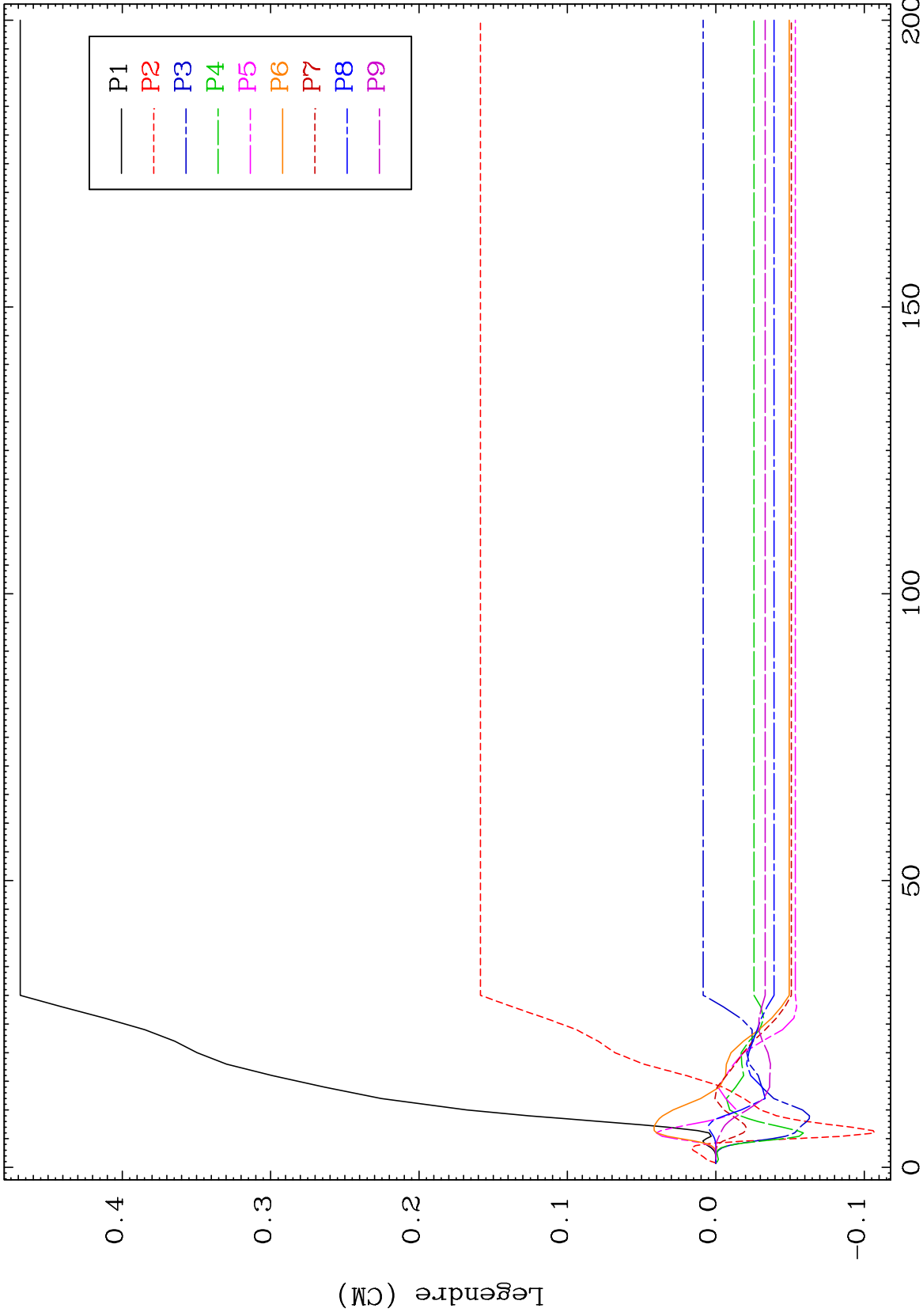
98

65-Tb-155

MAT 6513

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

65-Tb-155



99

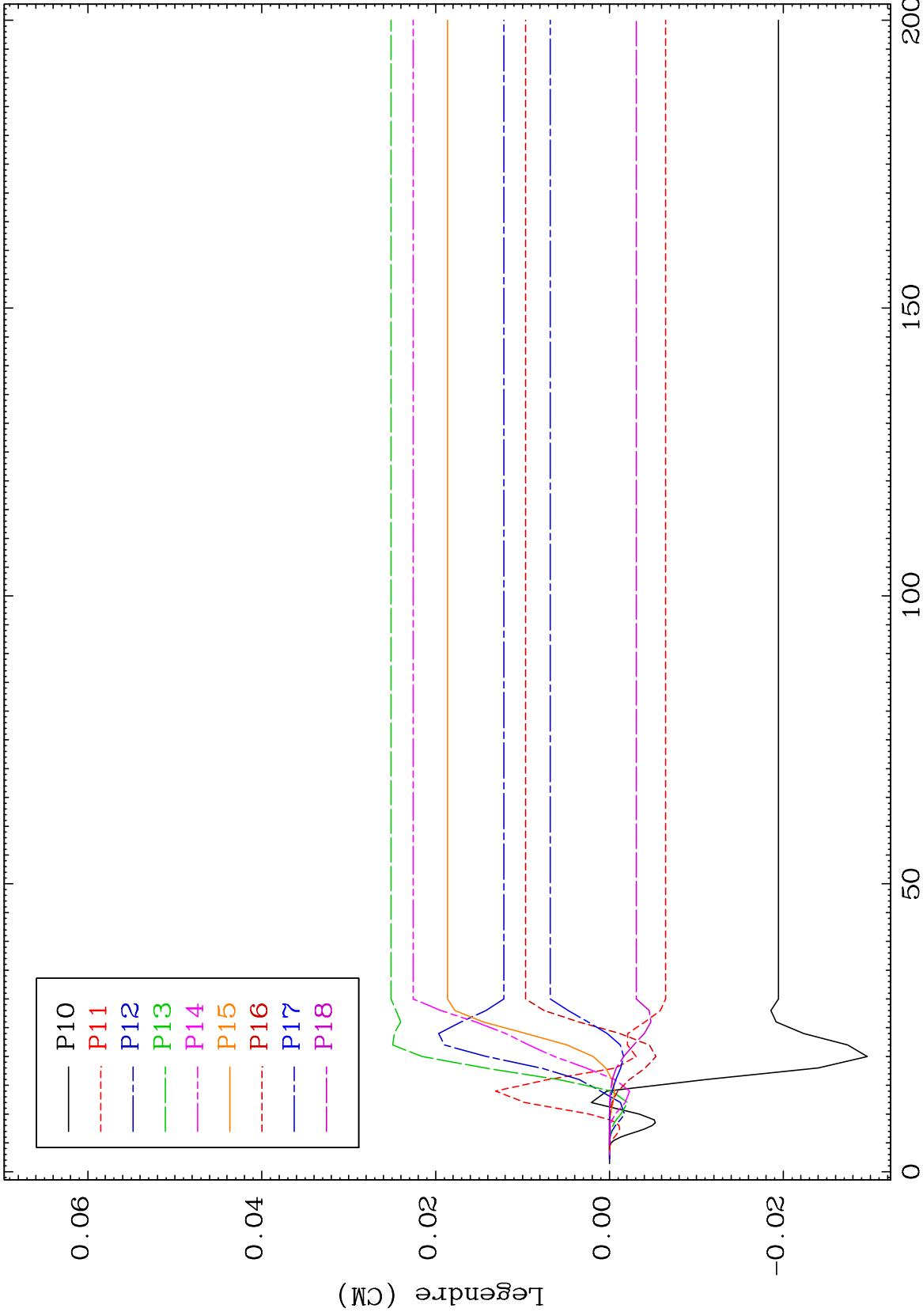
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



100

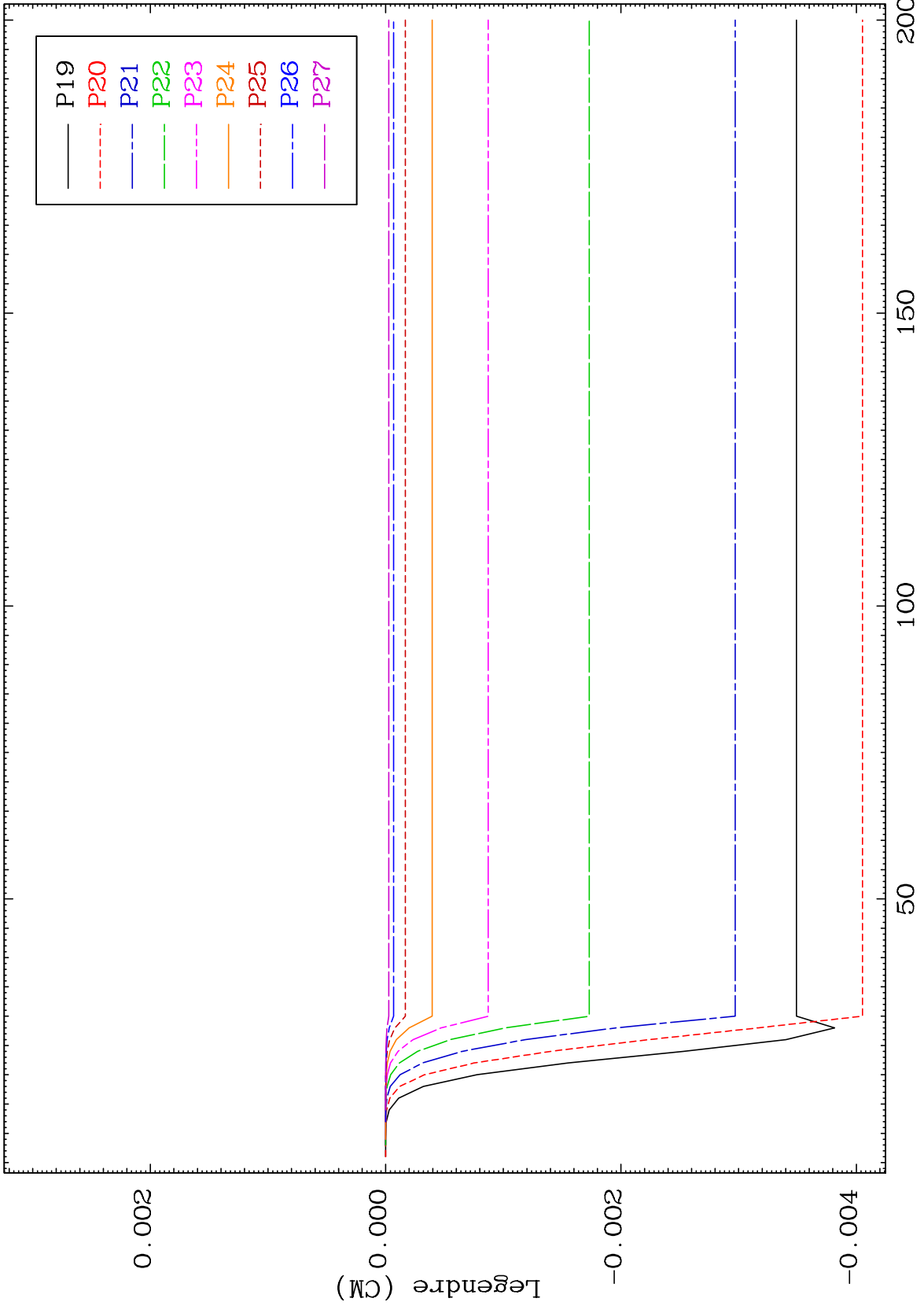
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

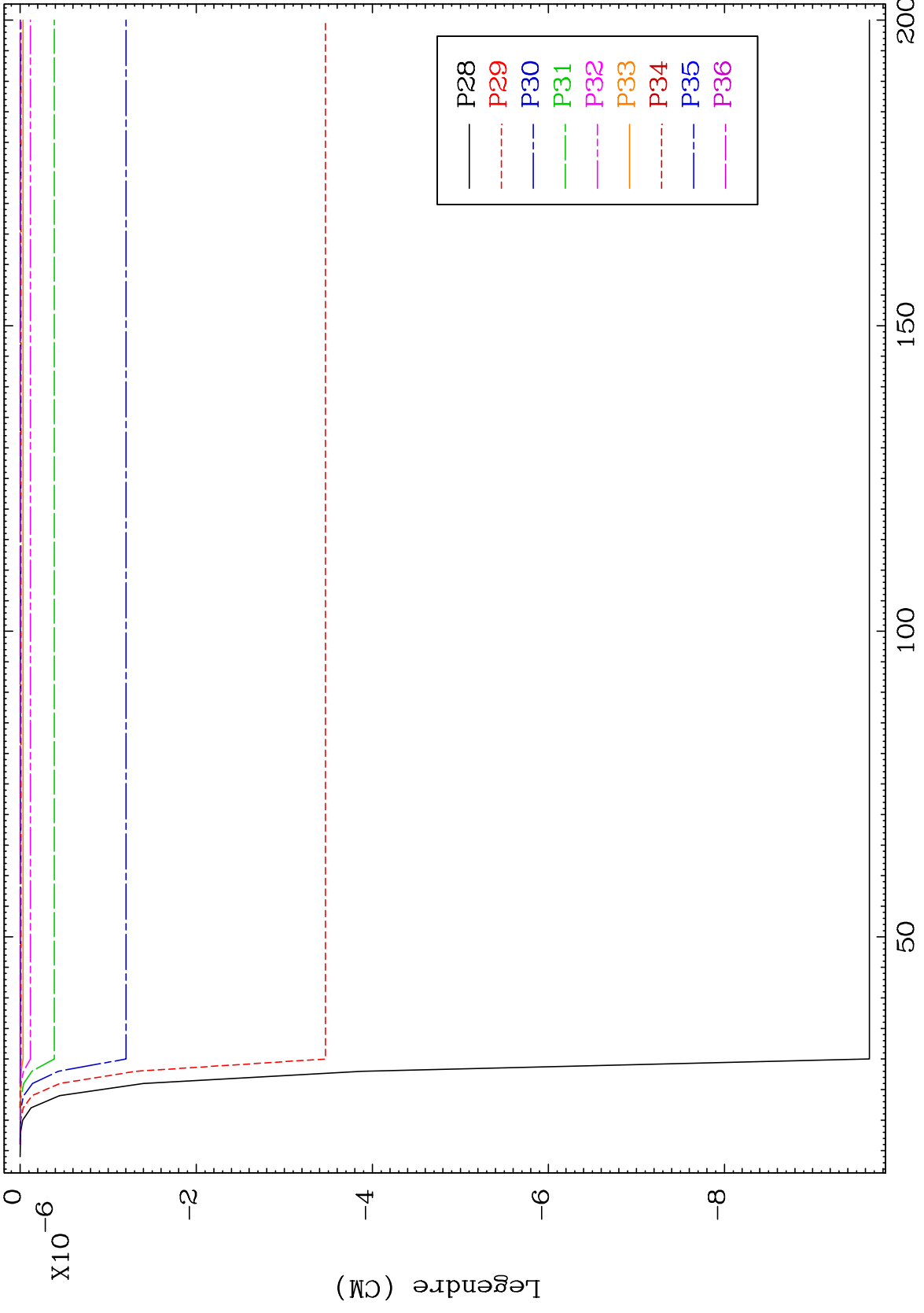


101

Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 72 (n,n') Level Legendre Coefficients 65-Tb-155

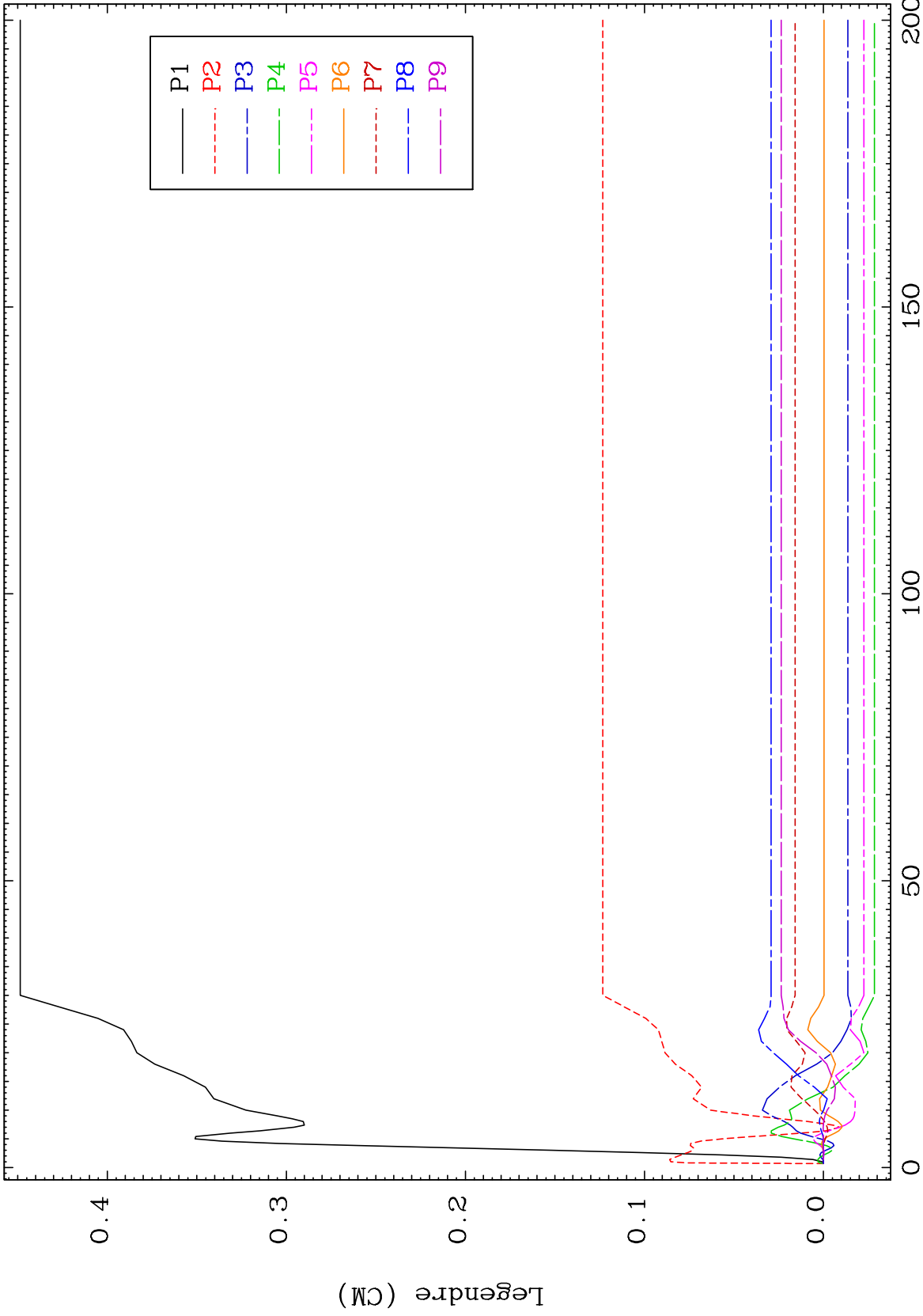


102 Incident Energy (MeV) 65-Tb-155

MAT 6513

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

65-Tb-155



103

Incident Energy (MeV)

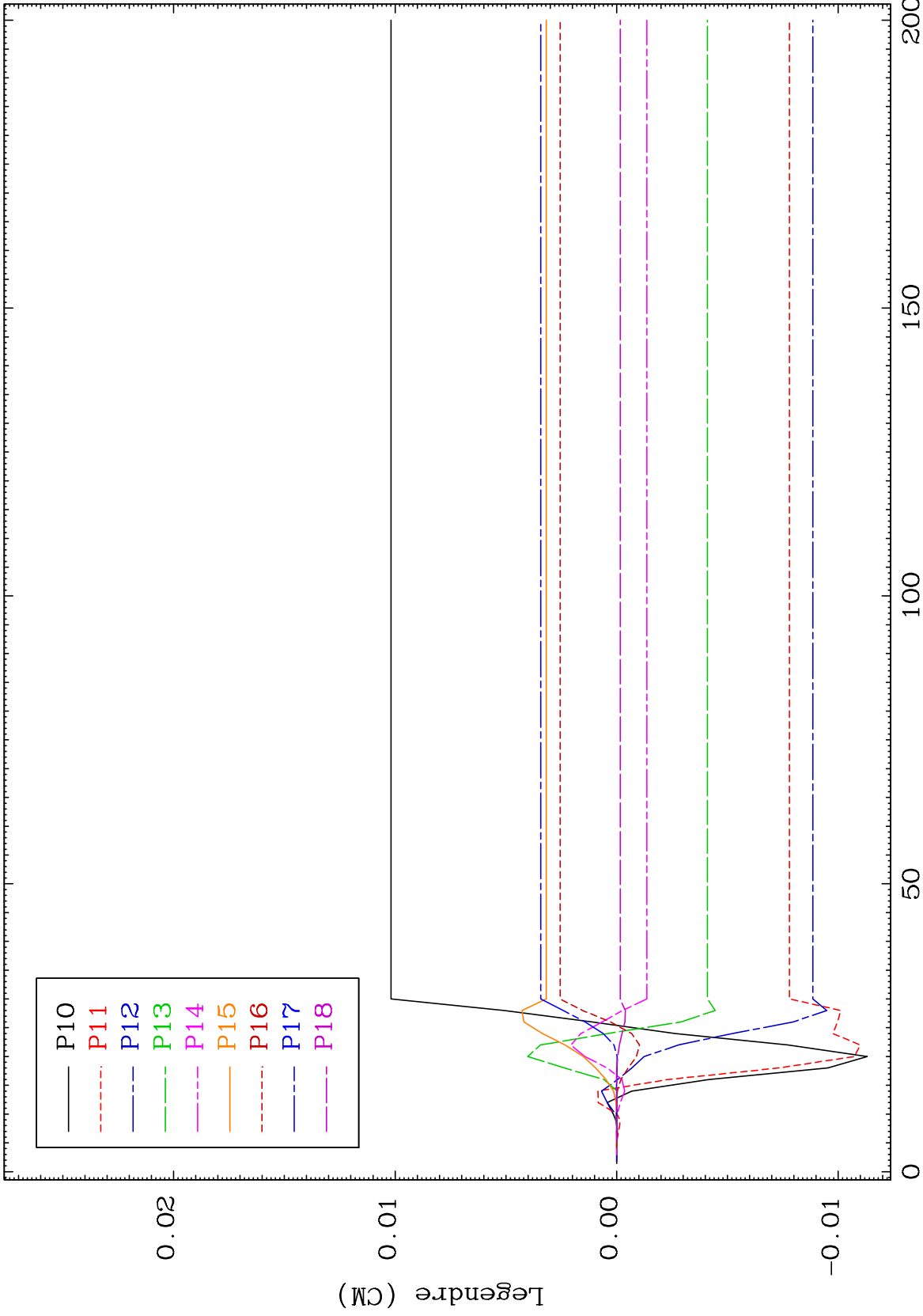
65-Tb-155



MAT 6513

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

65-Tb-155



104

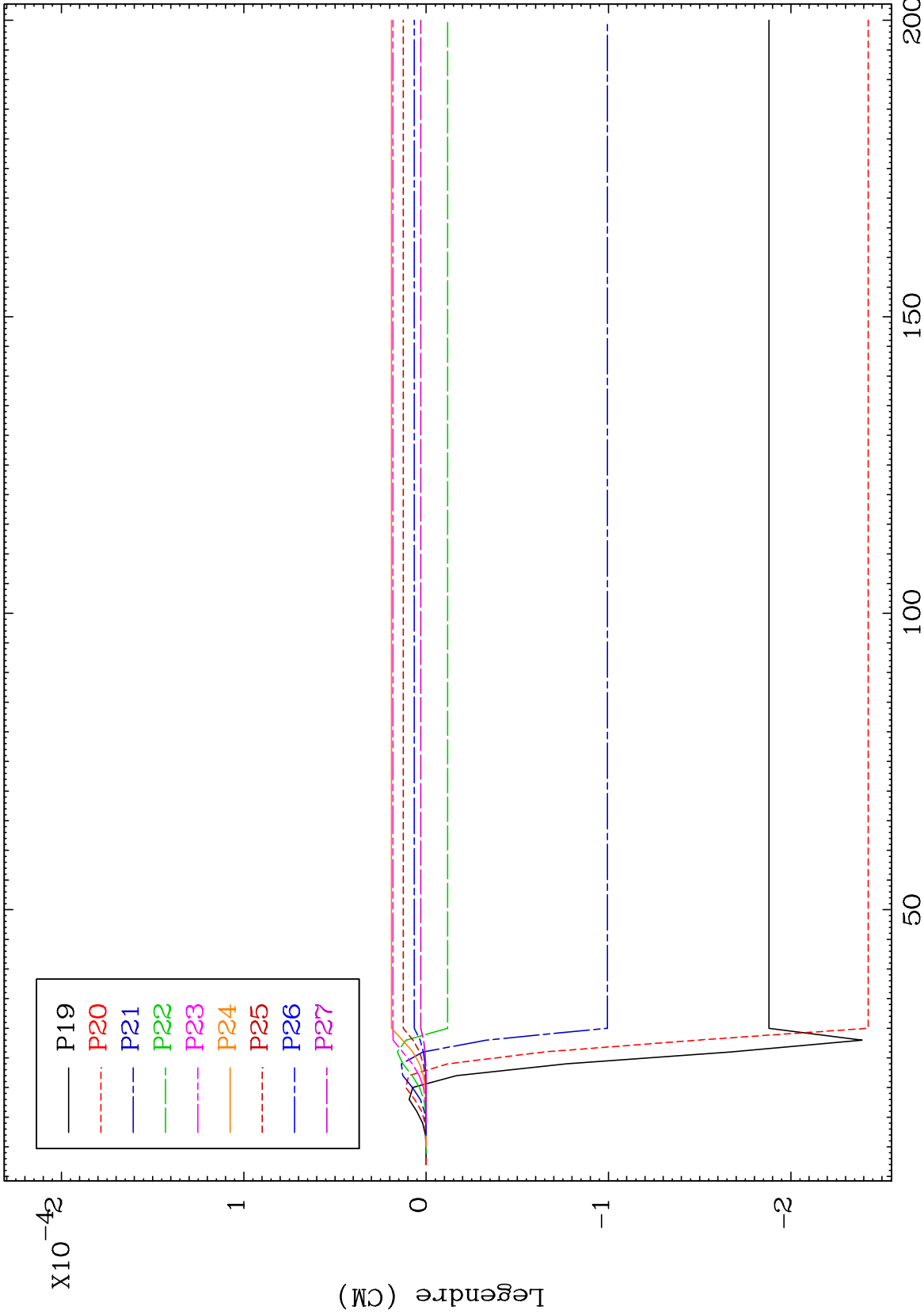
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



105

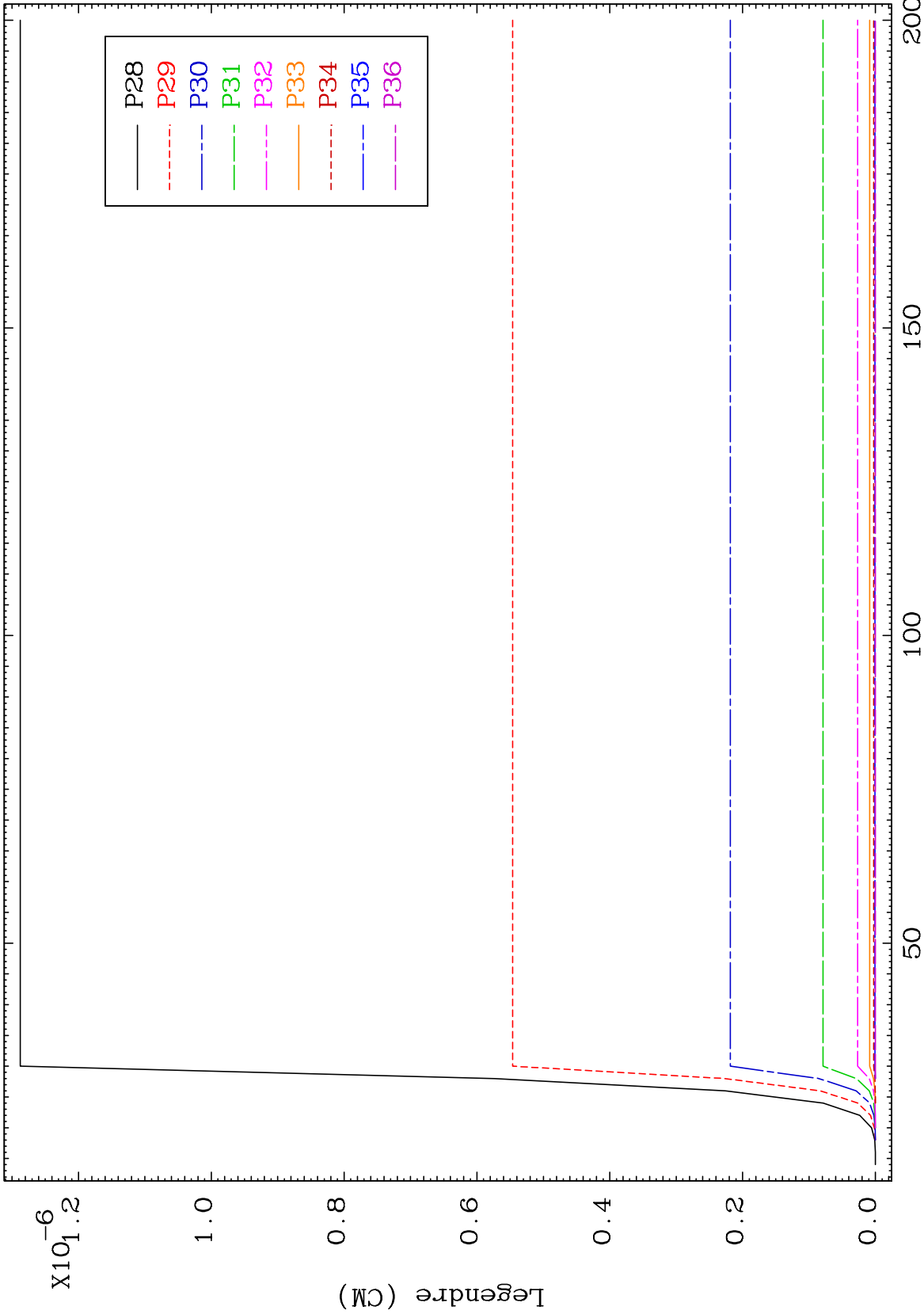
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

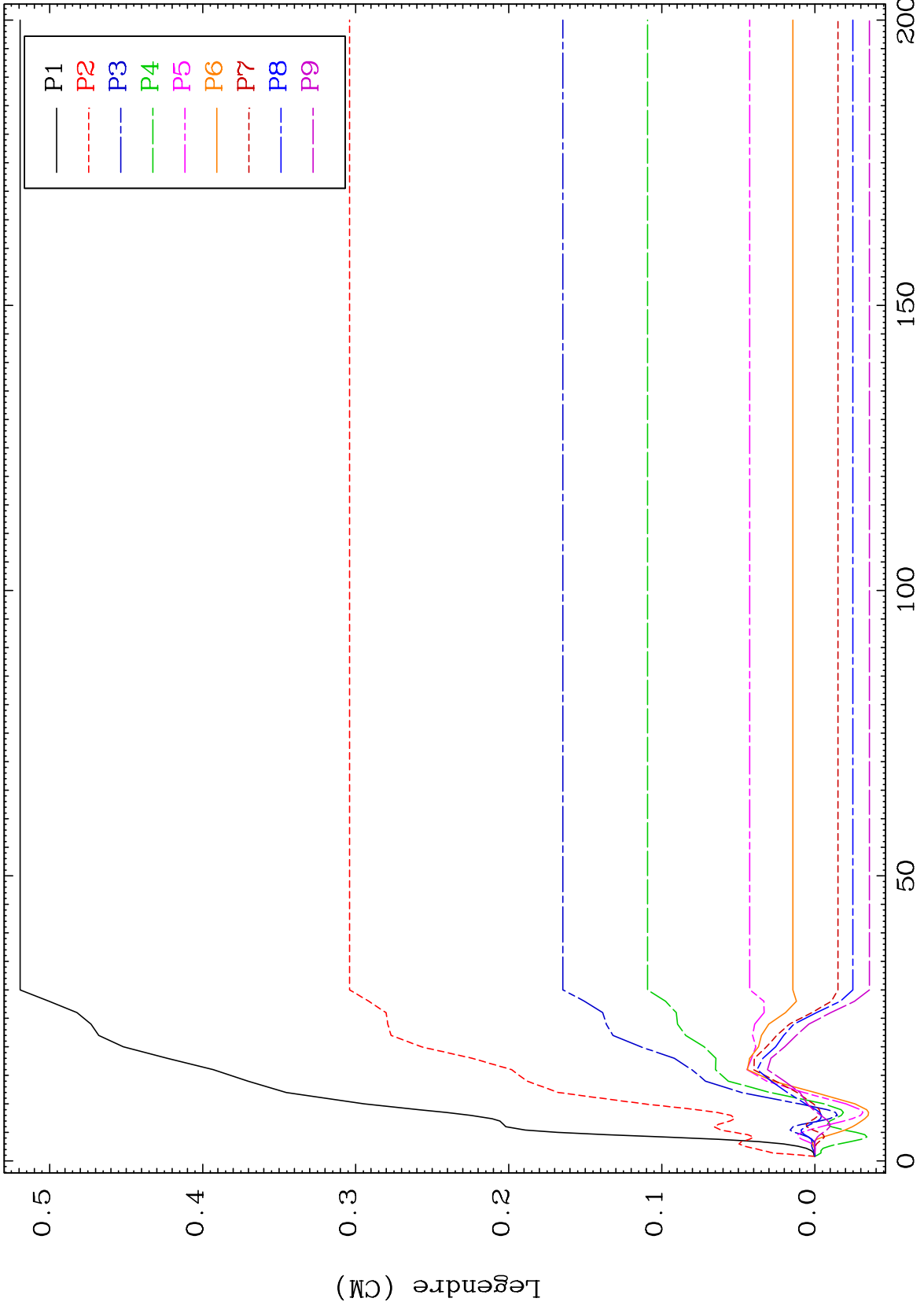


106

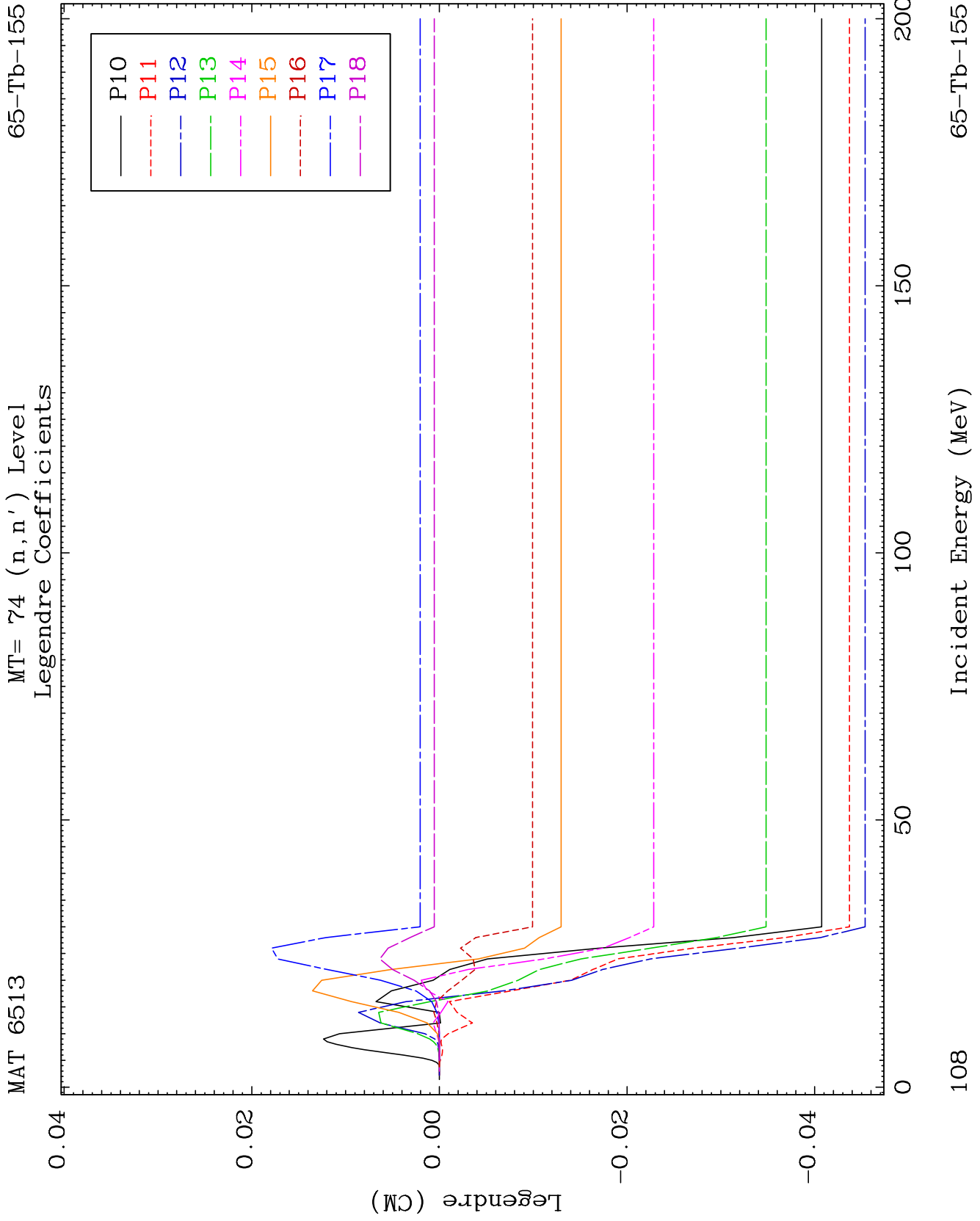
Incident Energy (MeV)

65-Tb-155

MAT 6513 MT= 74 (n,n') Level Legendre Coefficients 65-Tb-155



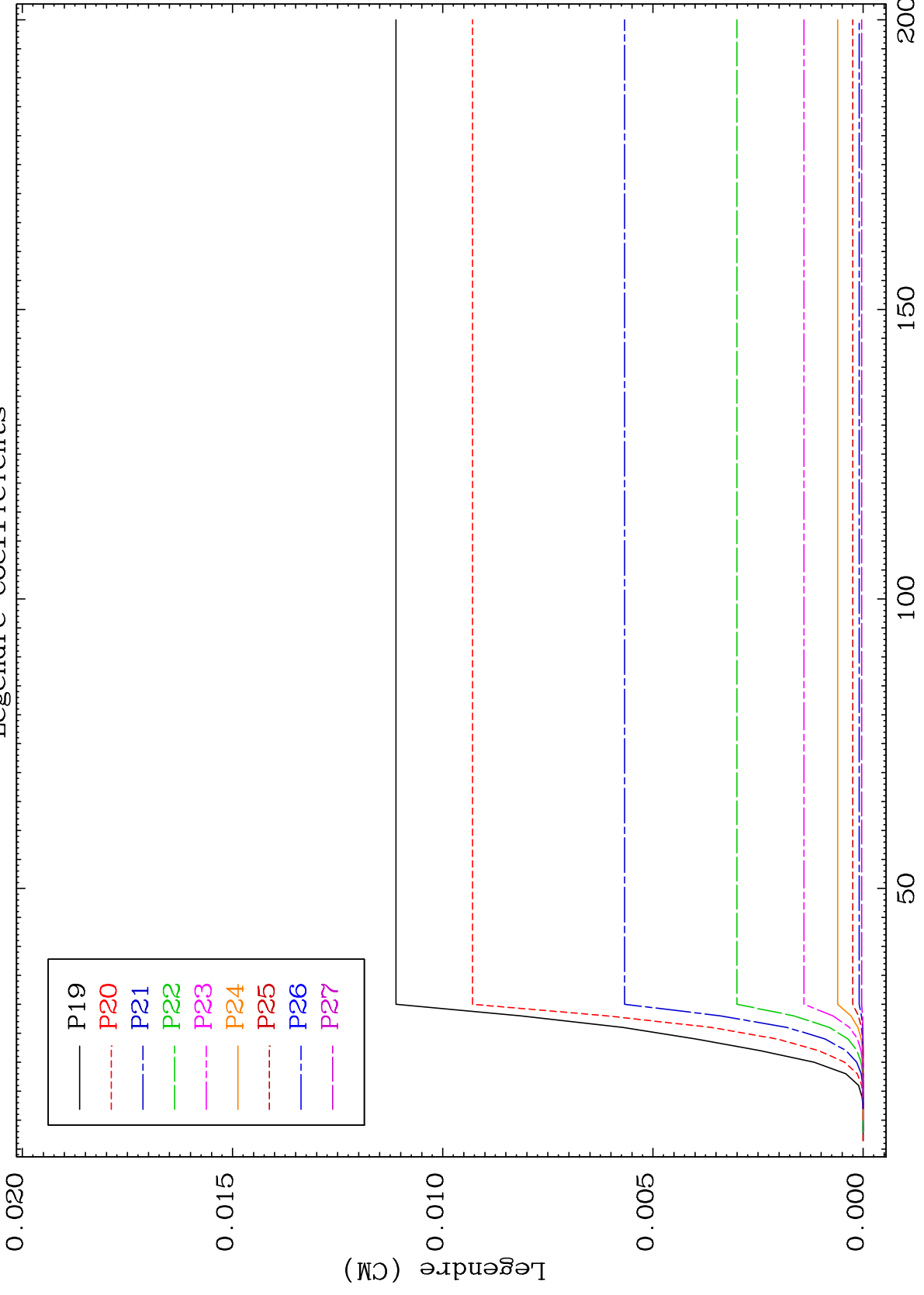
107 65-Tb-155



MAT 6513

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

65-Tb-155



109

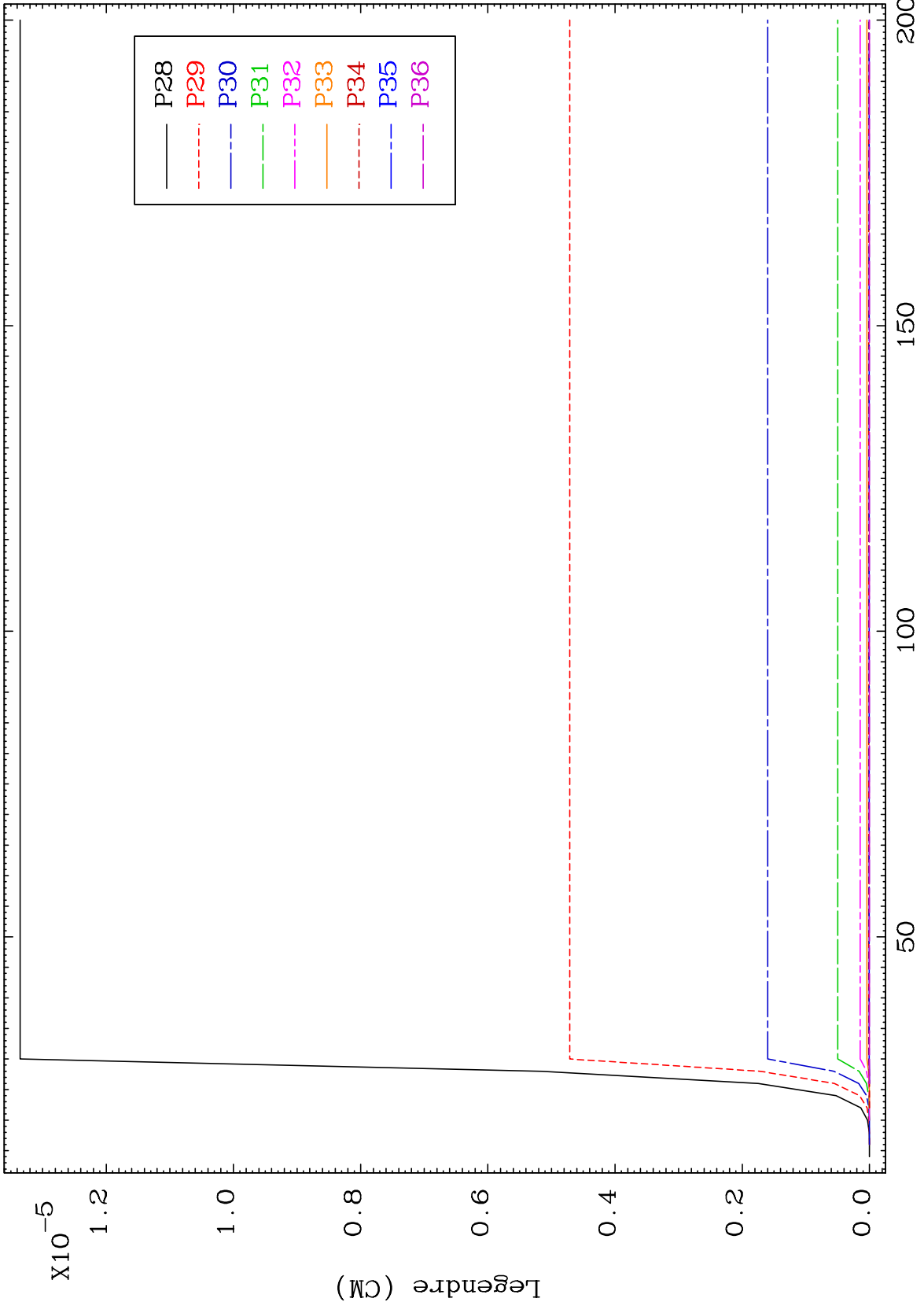
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



110

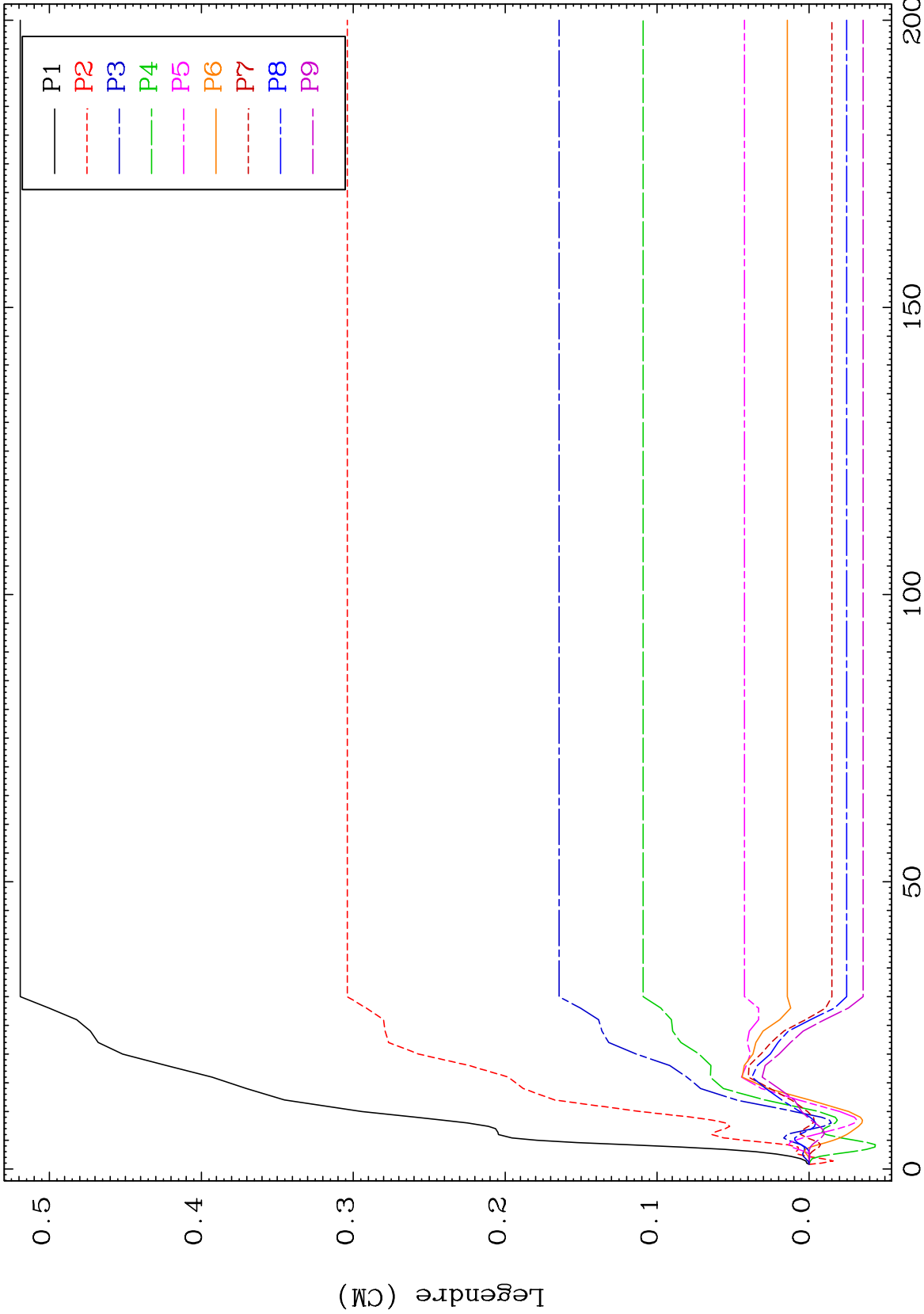
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

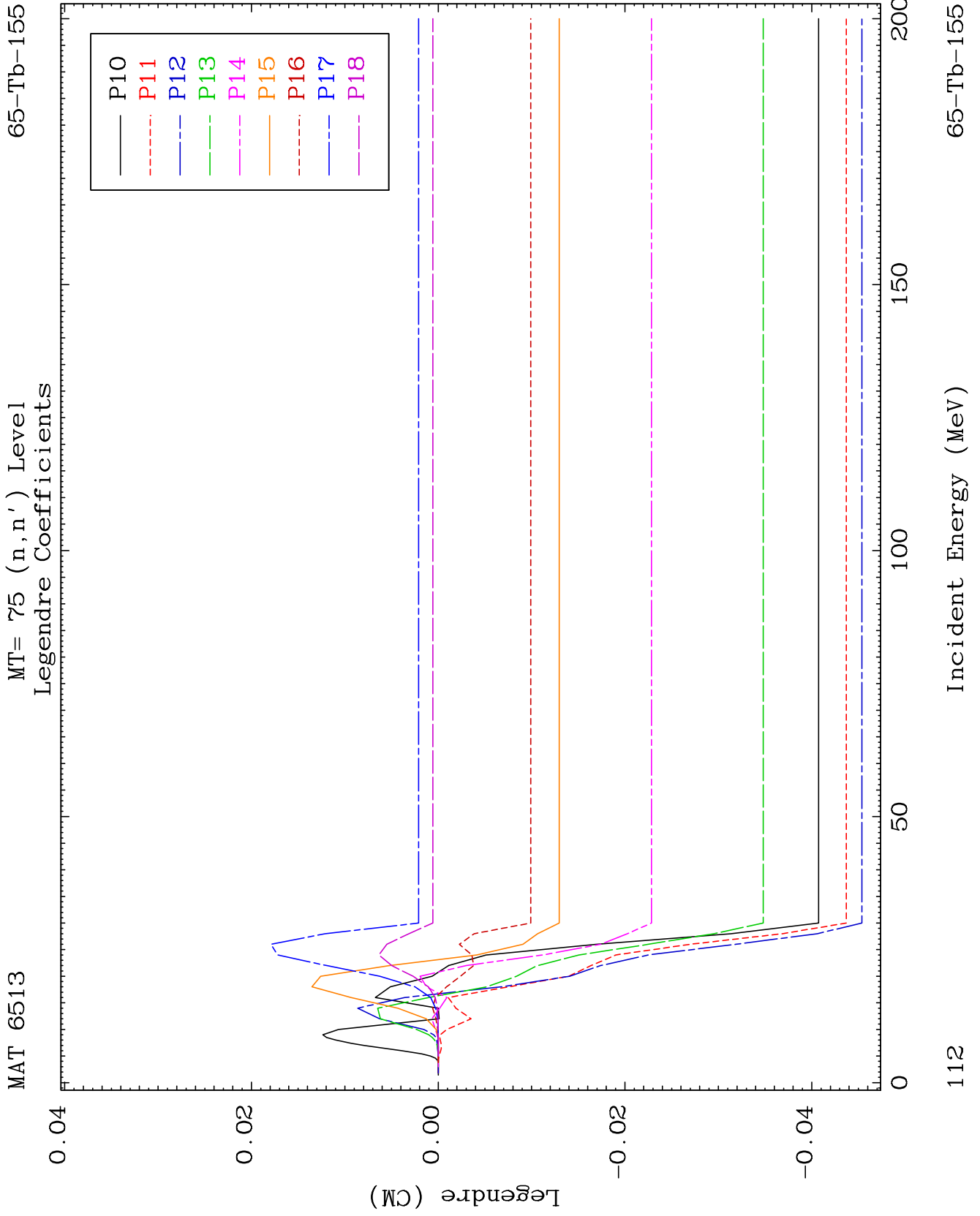
65-Tb-155



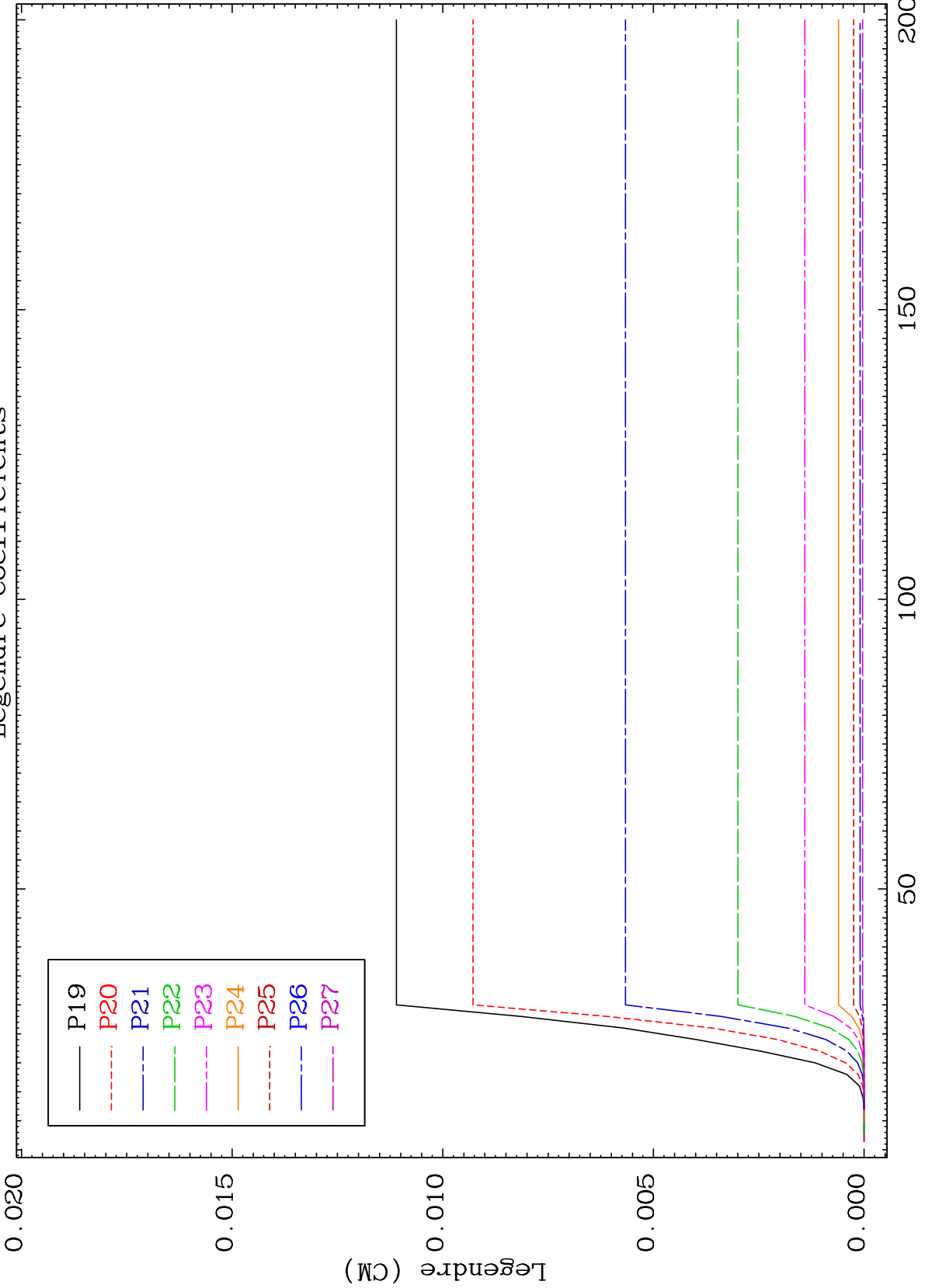
111

65-Tb-155





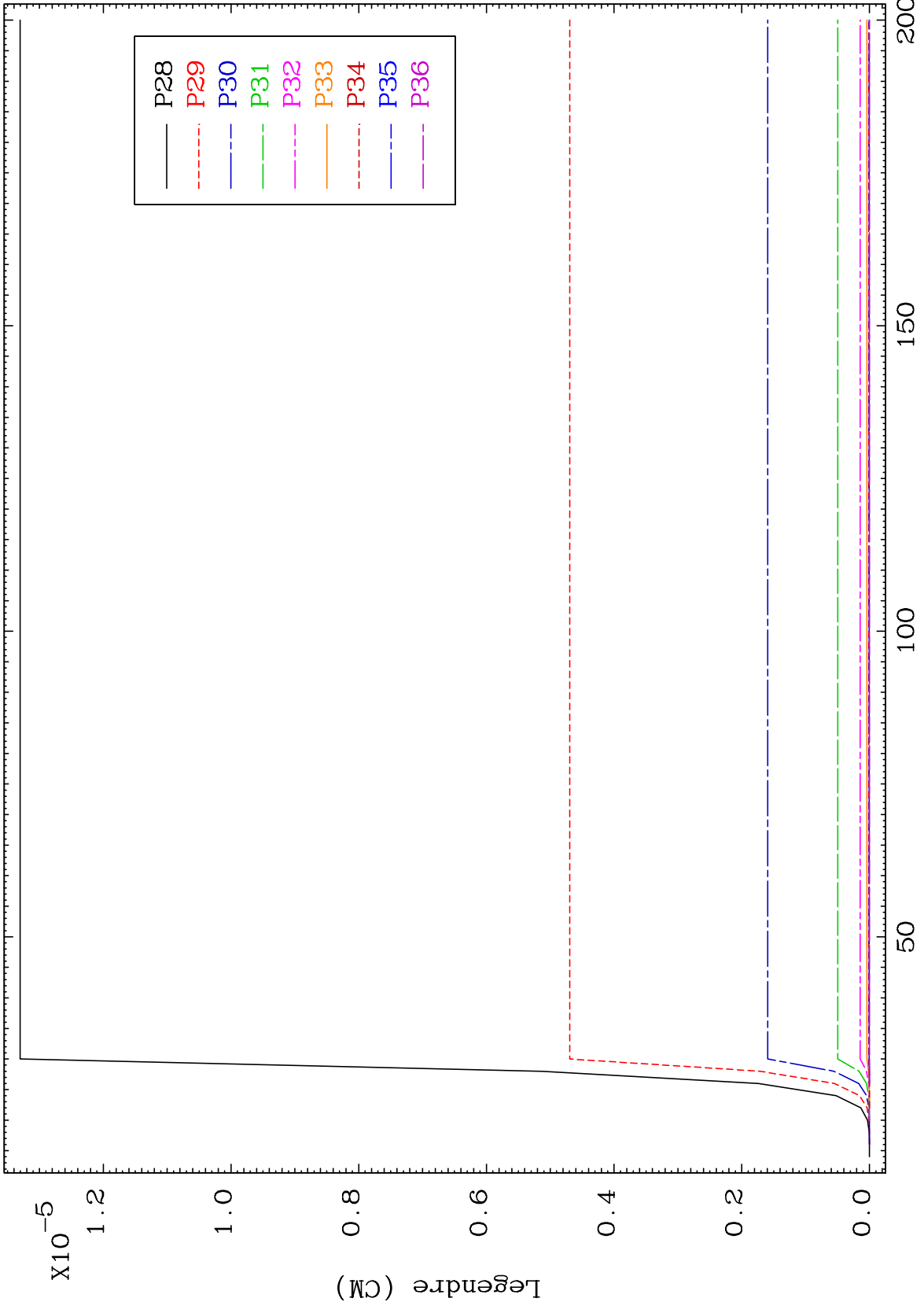
MAT 6513 MT= 75 (n,n') Level Legendre Coefficients 65-Tb-155



MAT 6513

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

65-Tb-155



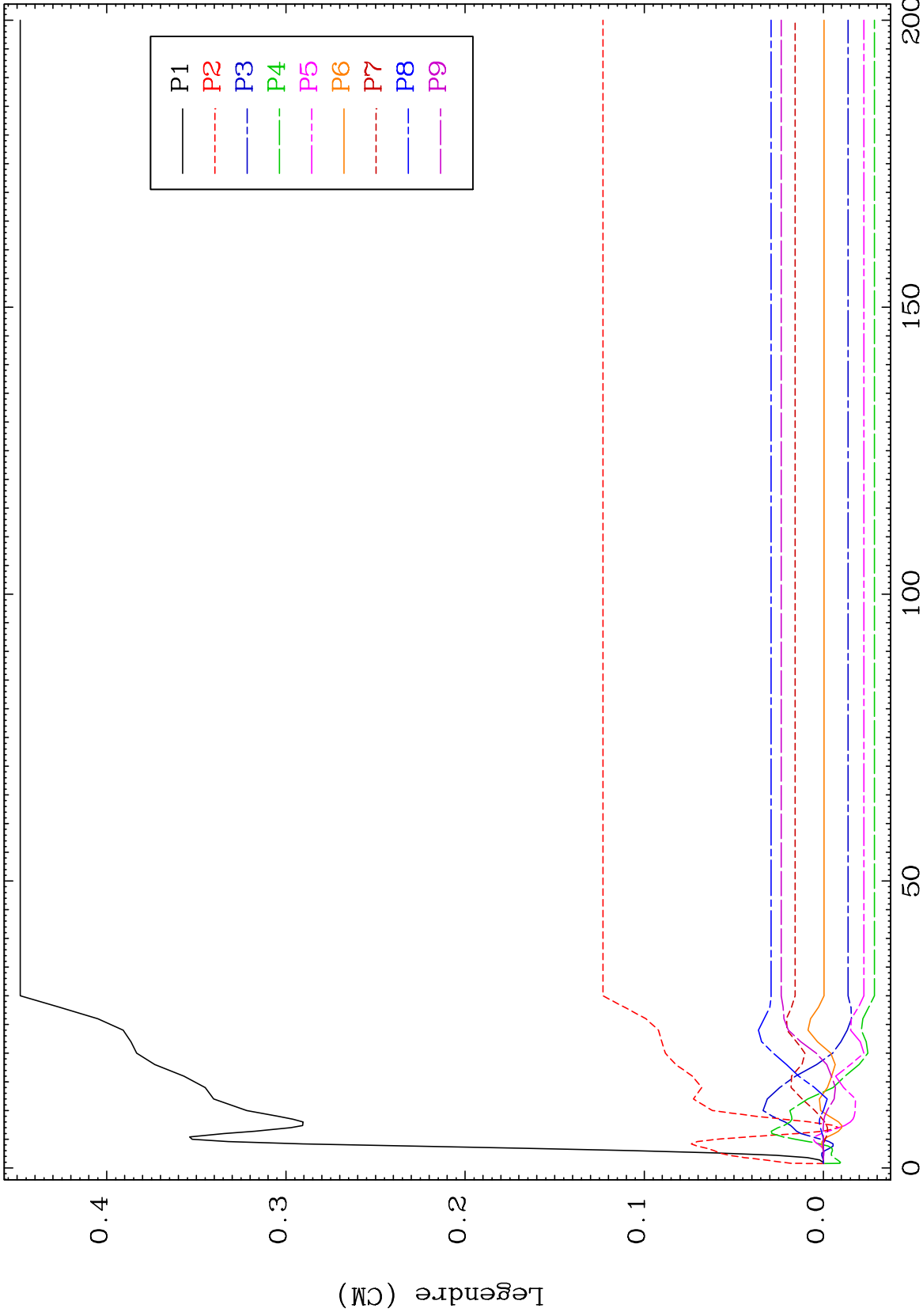
114

65-Tb-155

MAT 6513

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

65-Tb-155



65-Tb-155

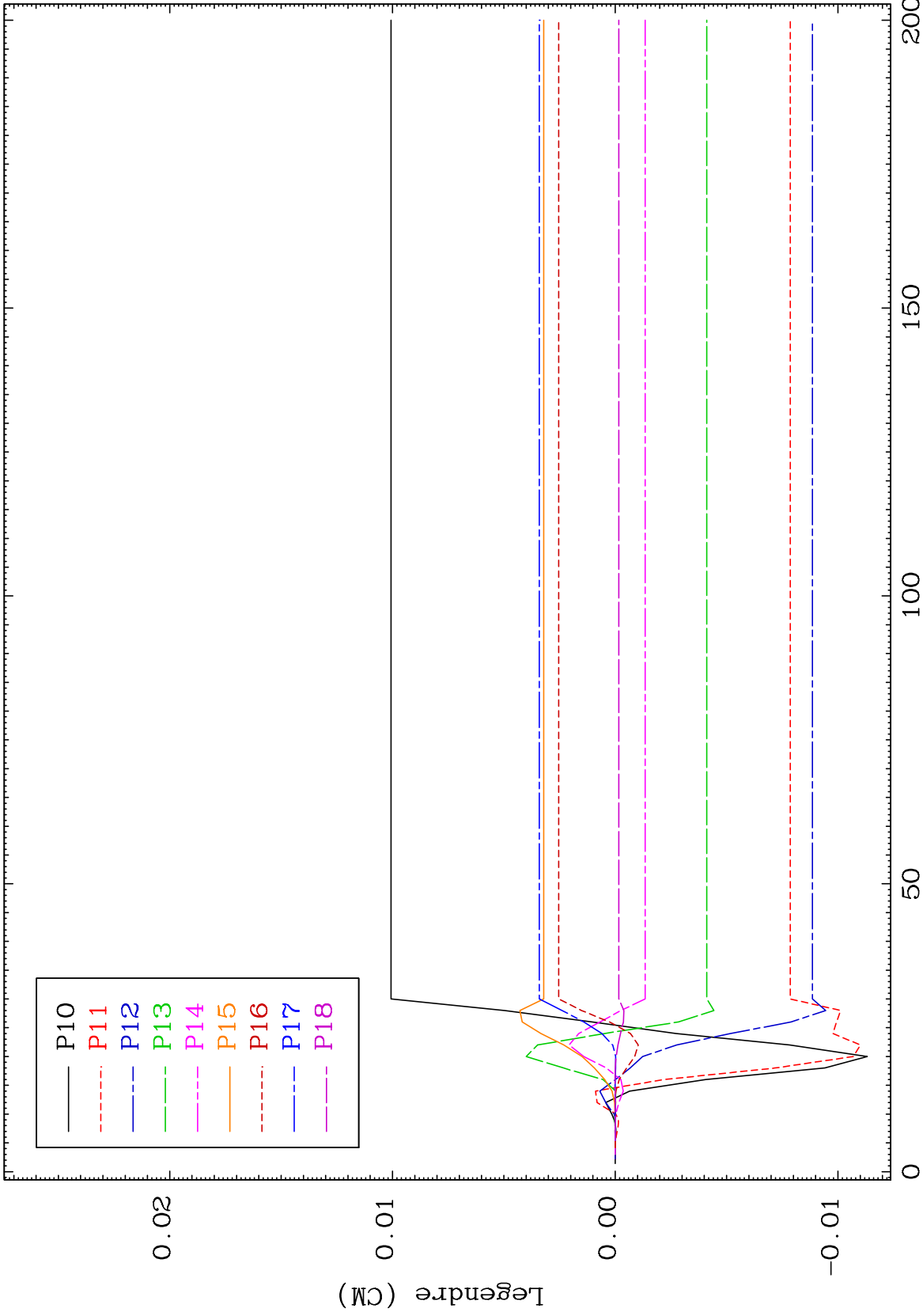
Incident Energy (MeV)

115

MAT 6513

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

65-Tb-155



116

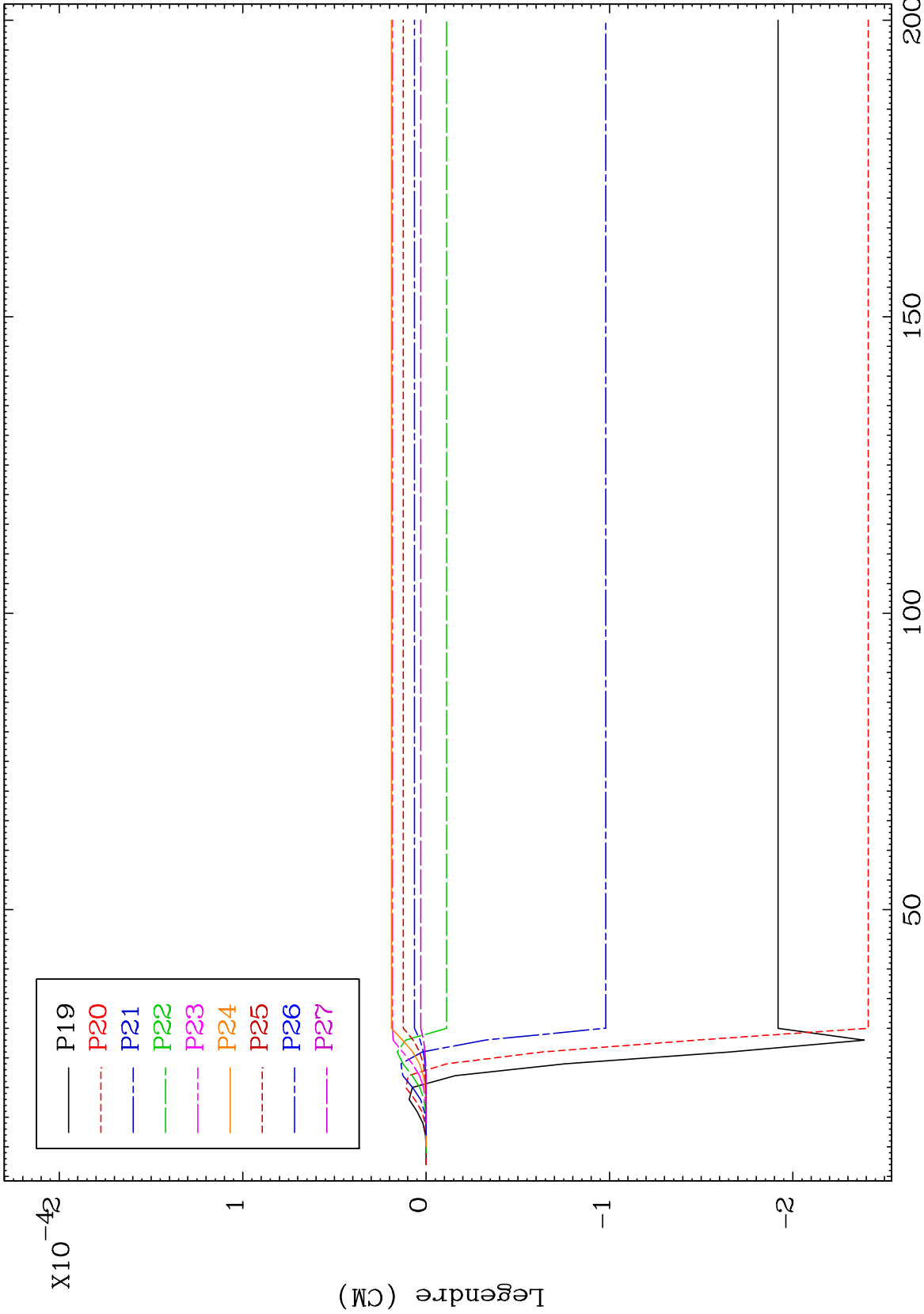
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



117

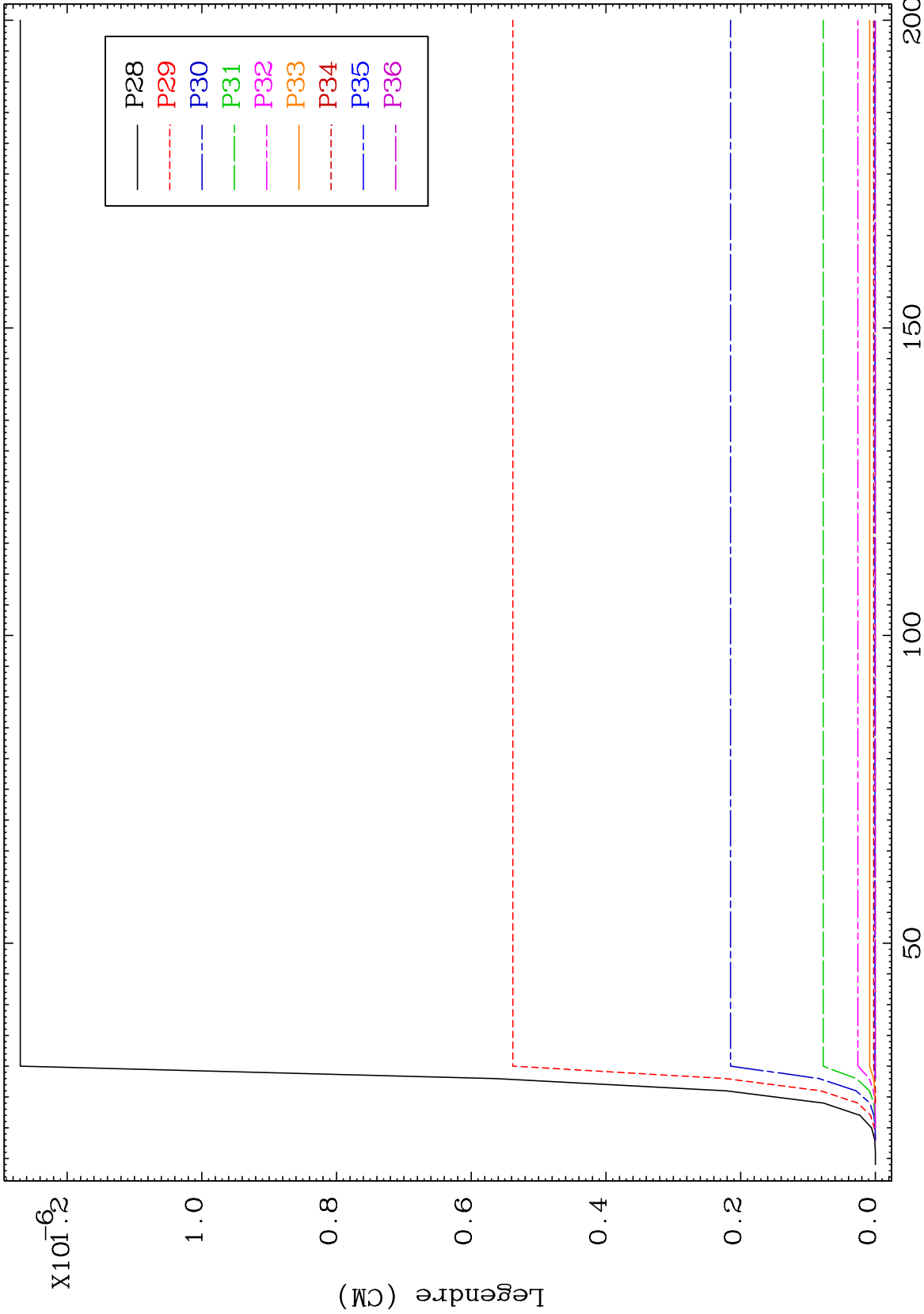
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



118

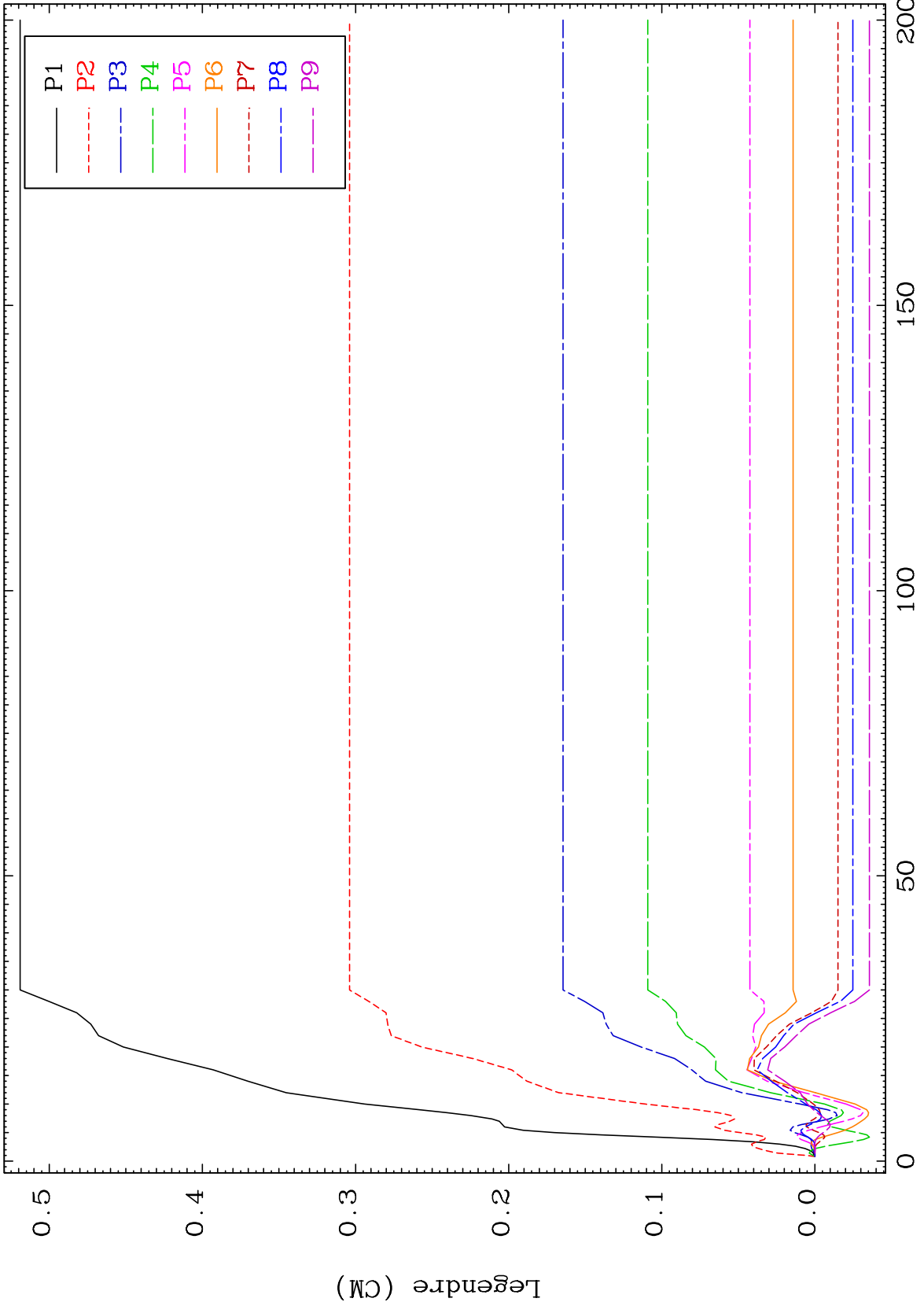
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155

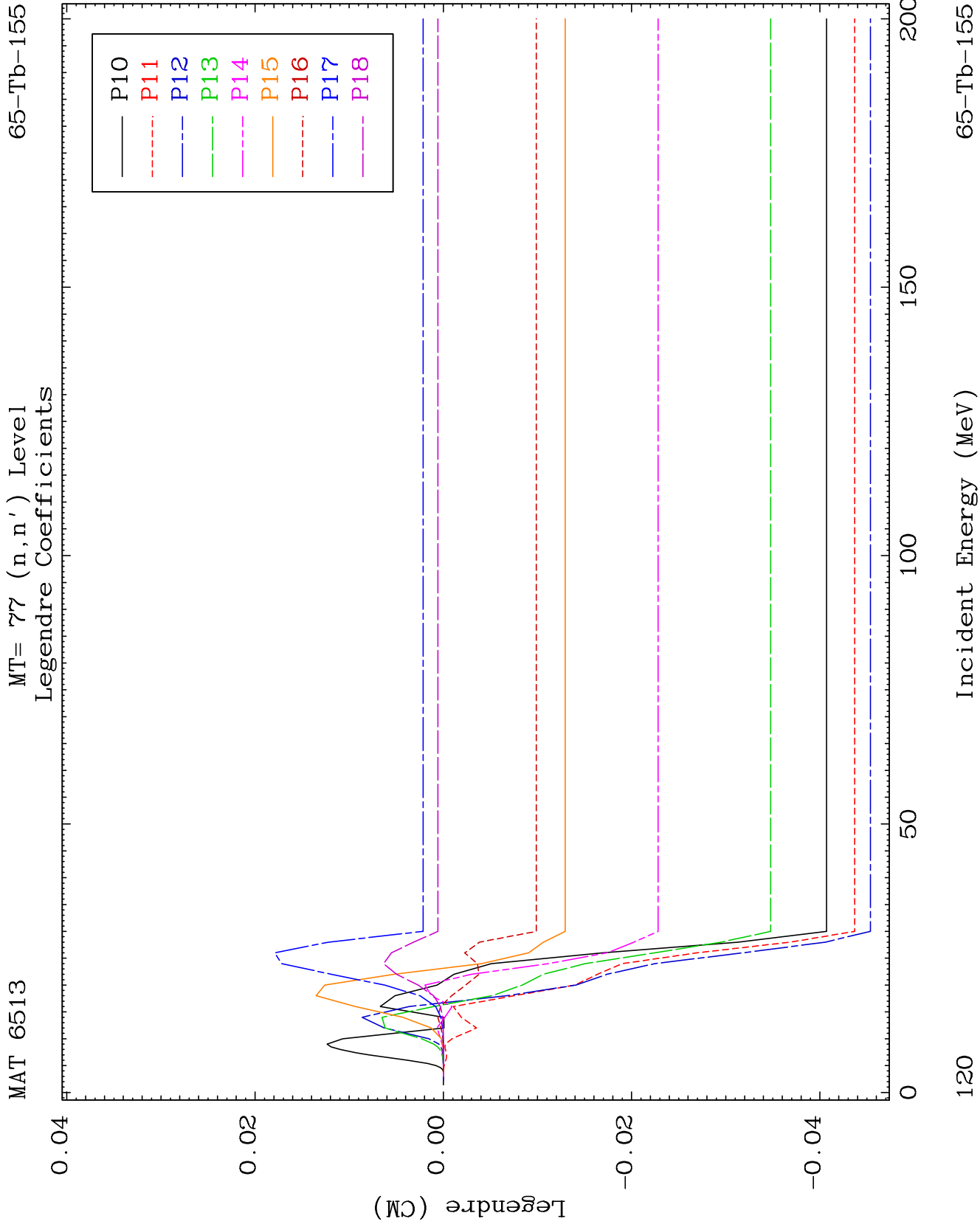


119

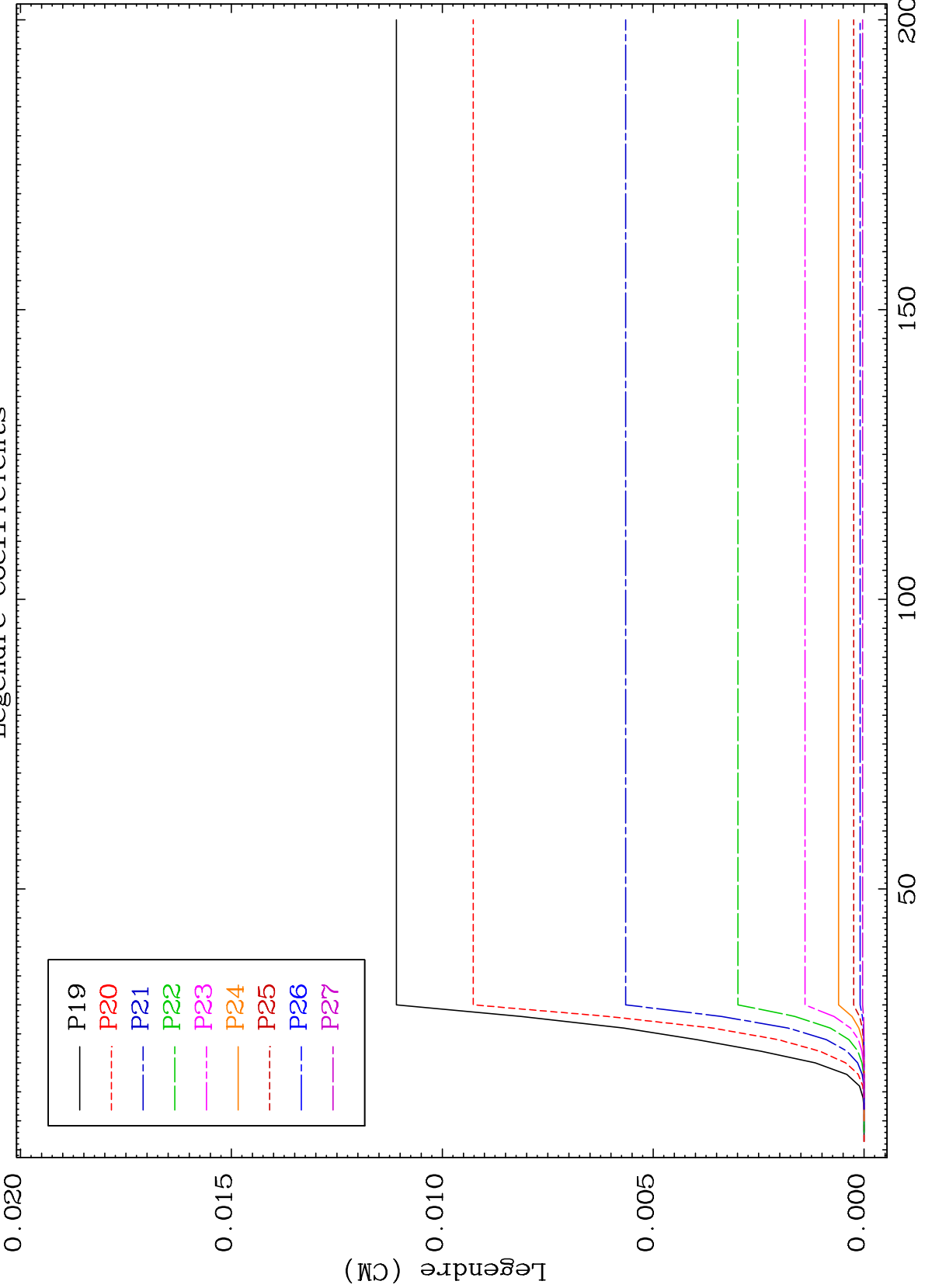
Incident Energy (MeV)

65-Tb-155





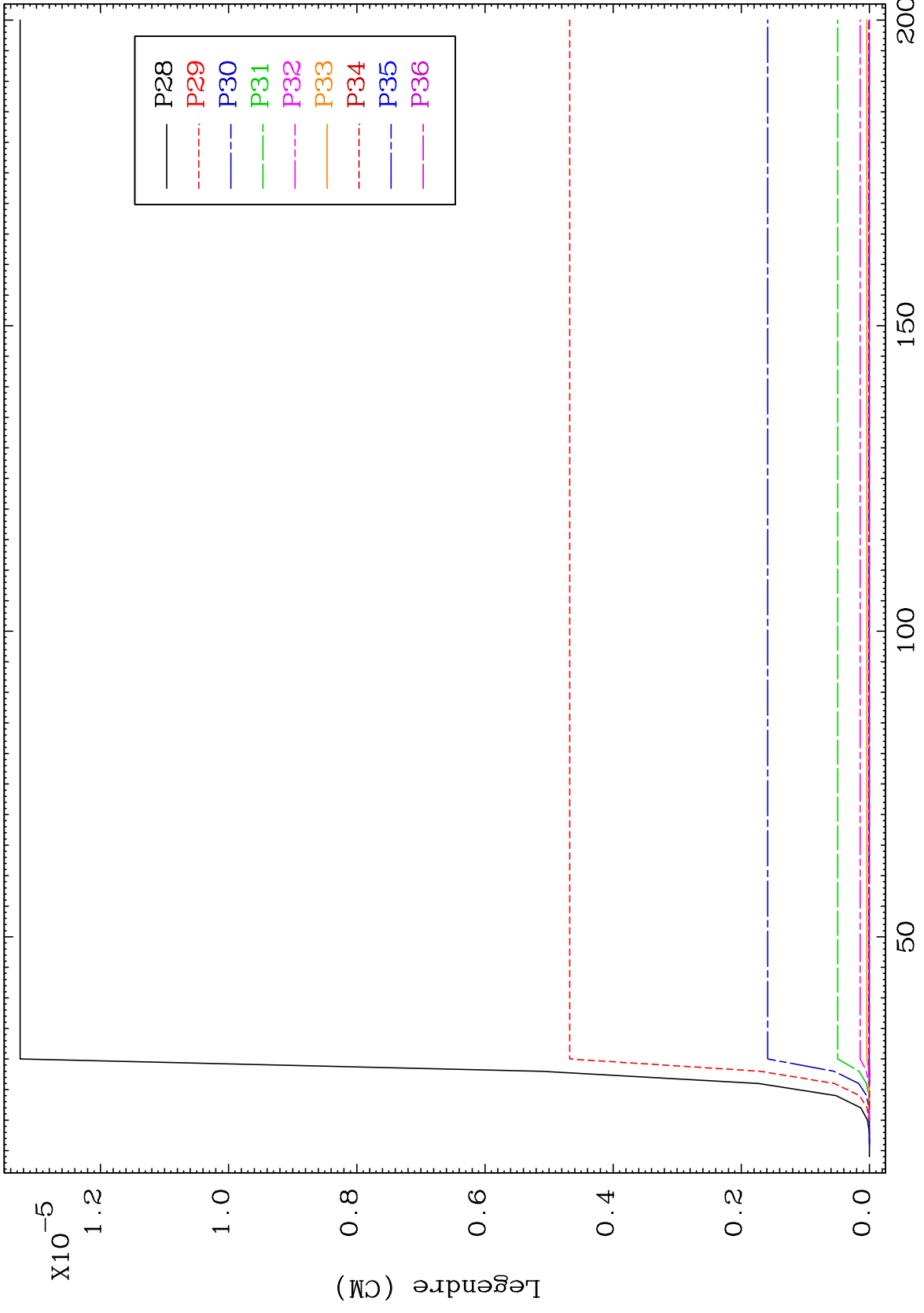
MAT 6513 MT= 77 (n,n') Level Legendre Coefficients 65-Tb-155



MAT 6513

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

65-Tb-155



122

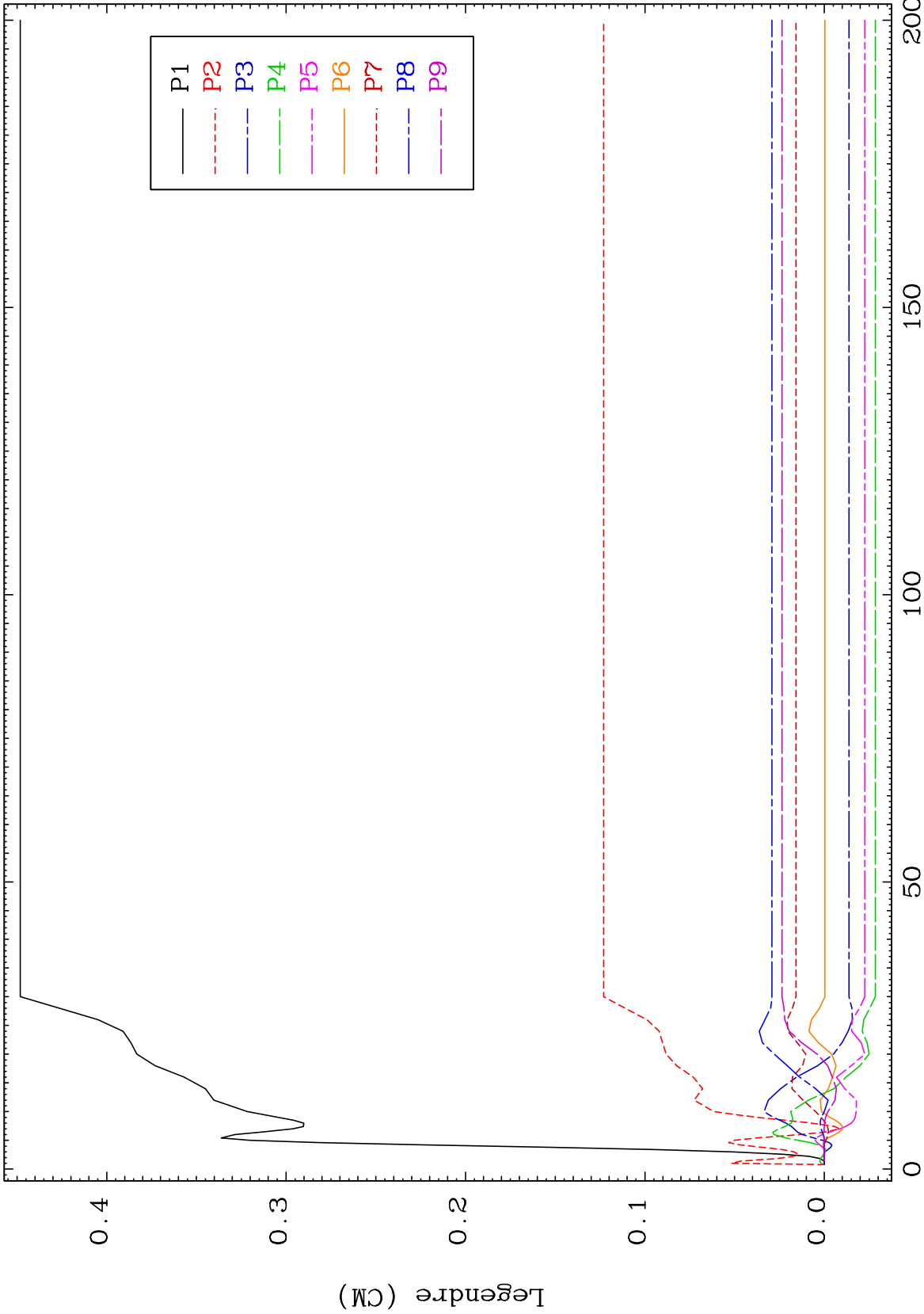
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



123

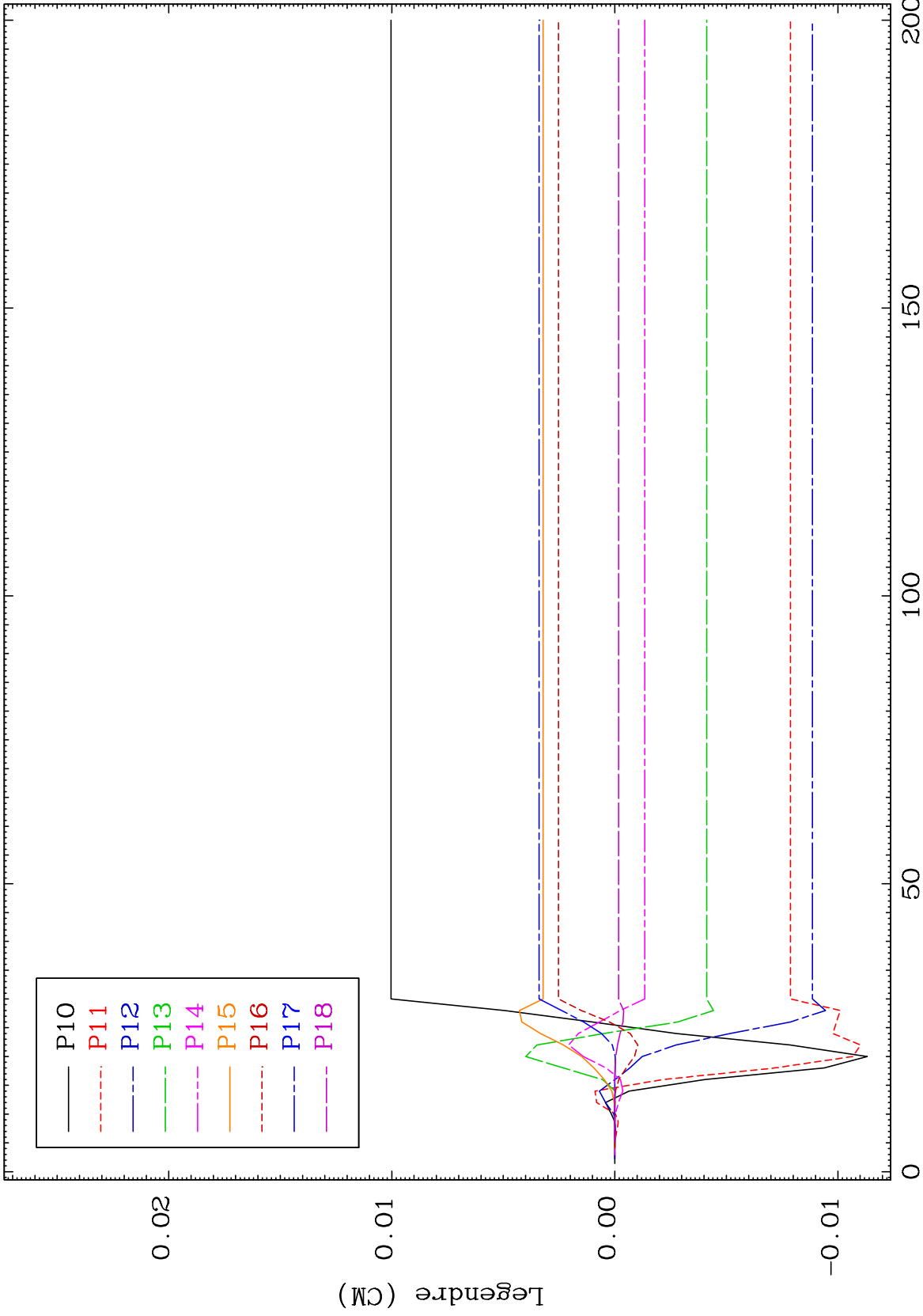
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



124

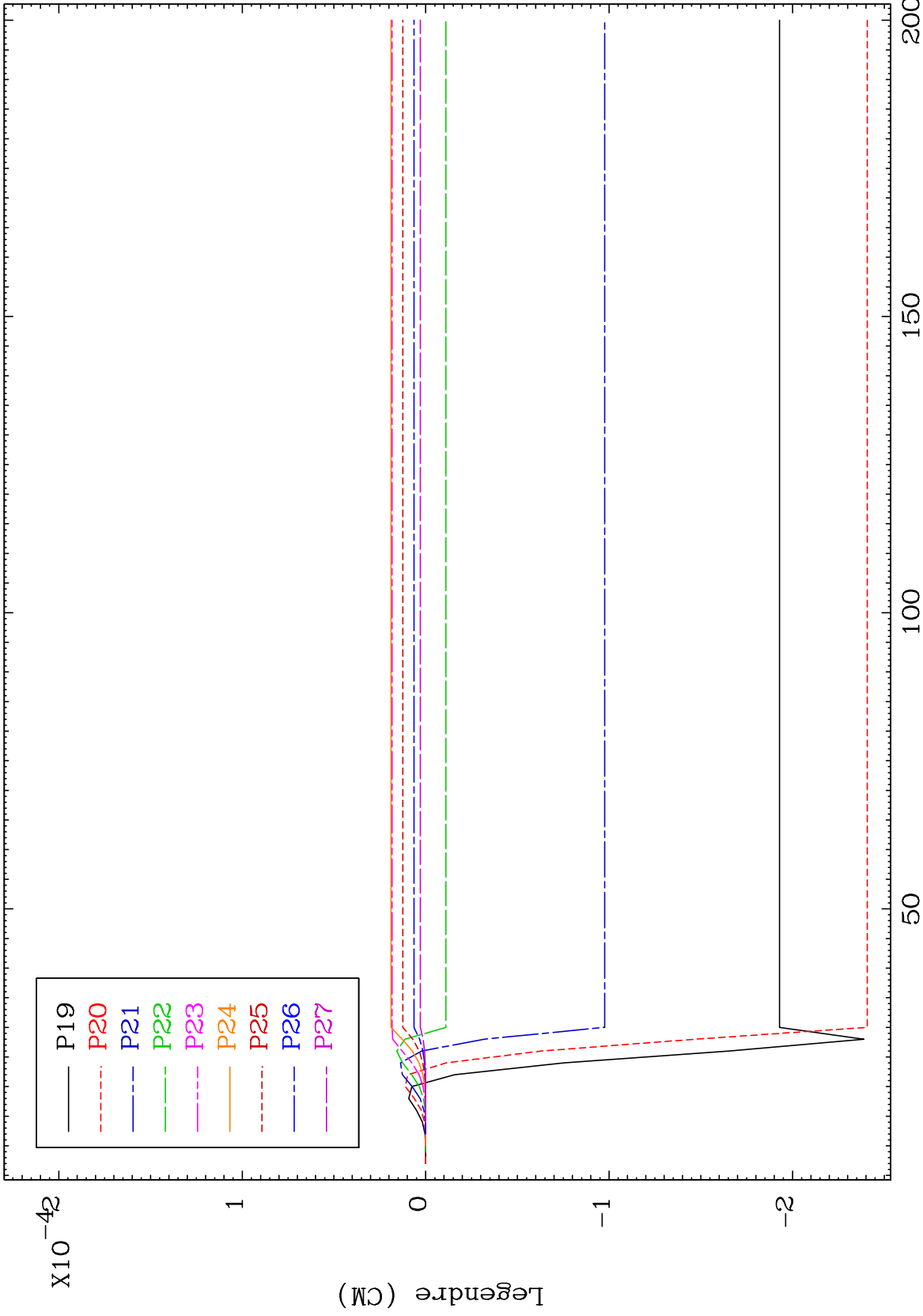
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



125

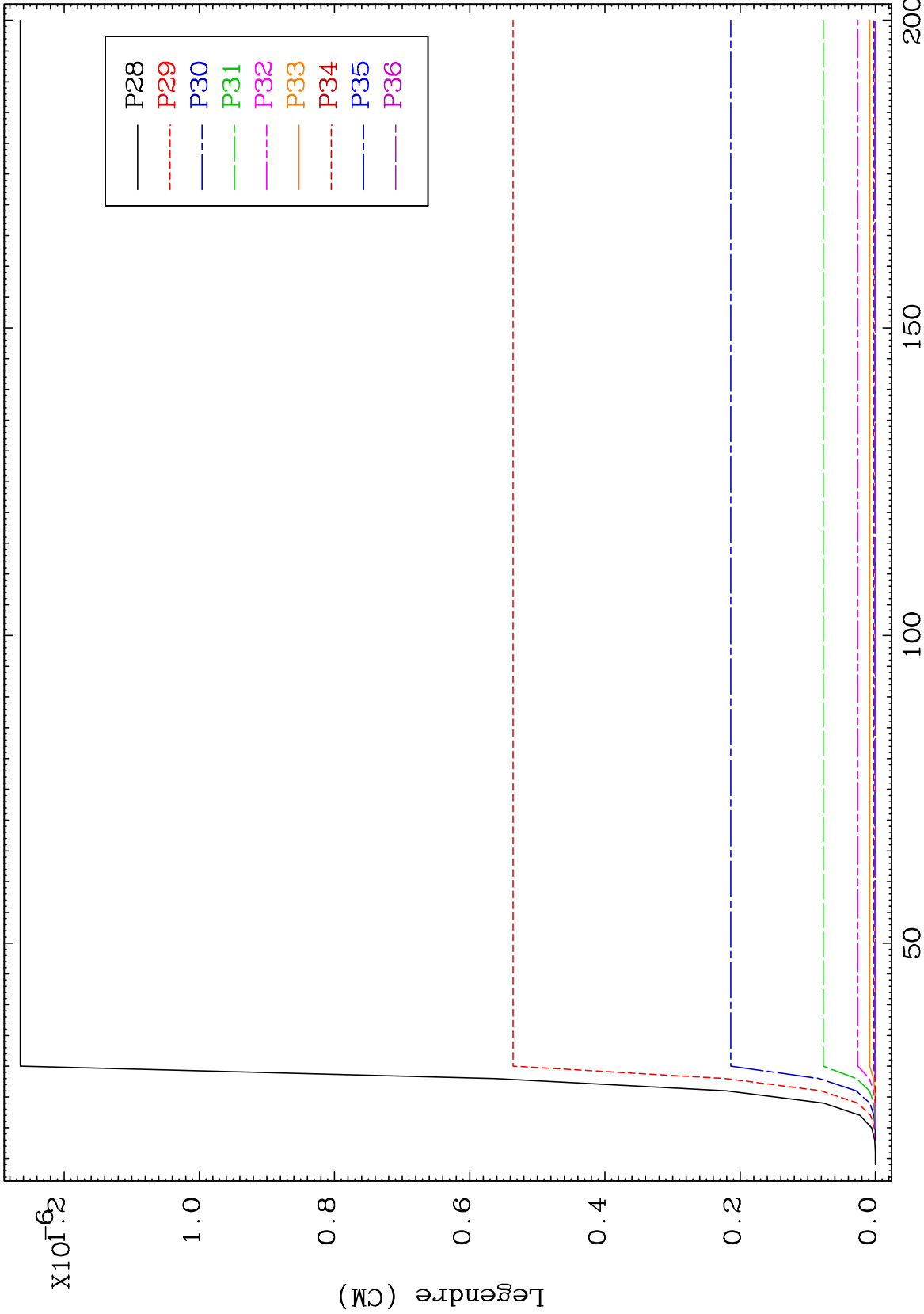
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

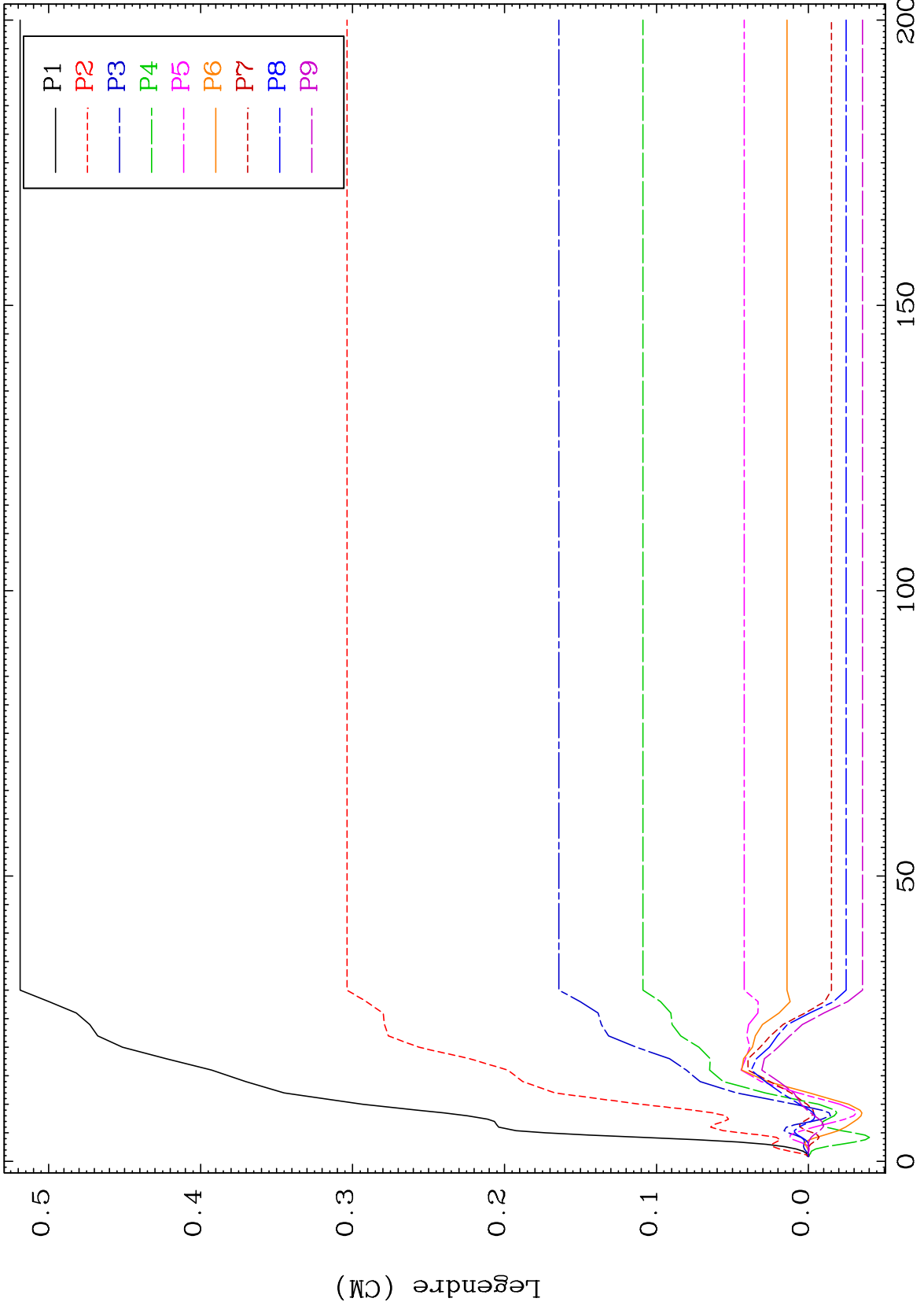
65-Tb-155



126

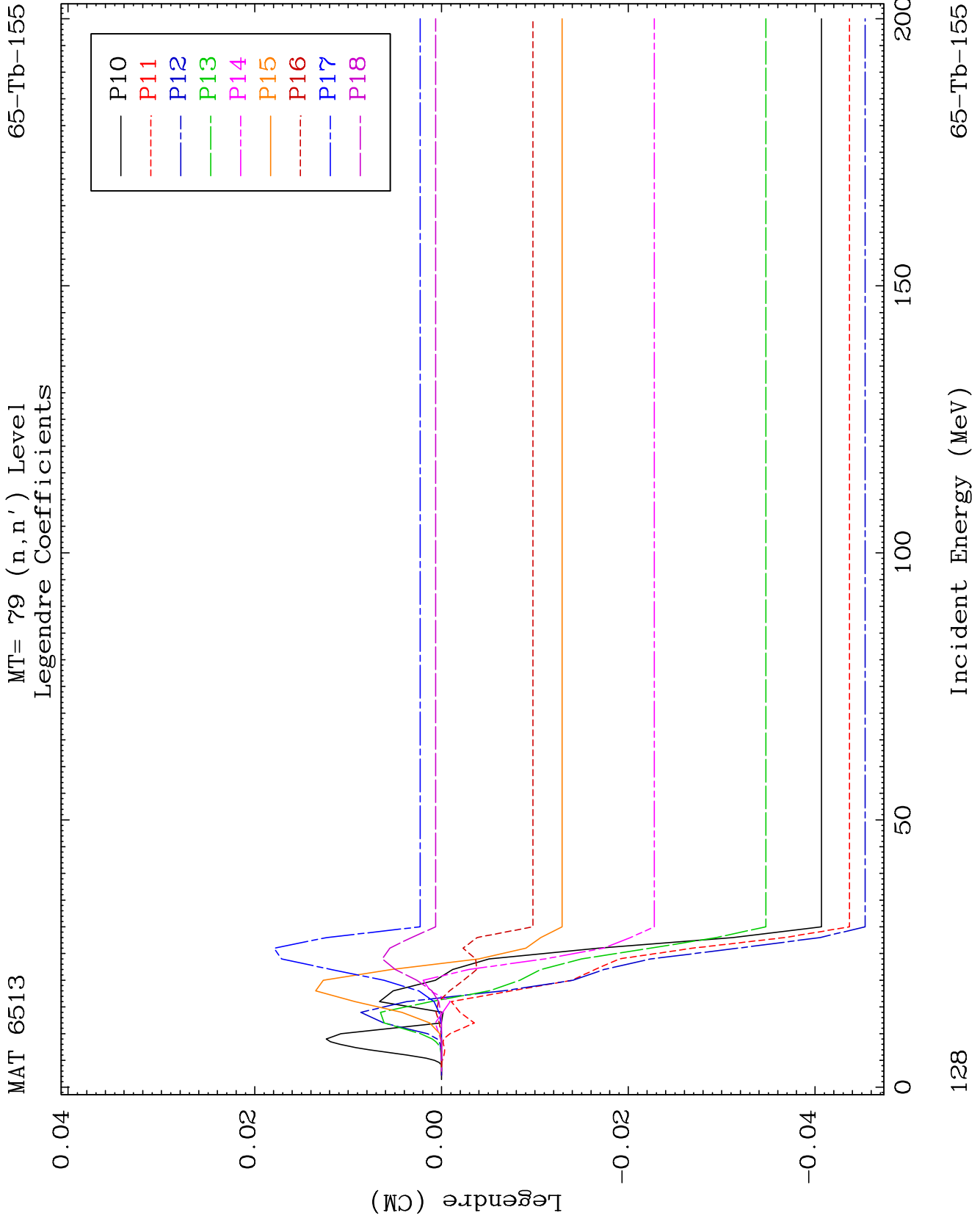
65-Tb-155

MAT 6513 MT= 79 (n,n') Level Legendre Coefficients 65-Tb-155



127 65-Tb-155

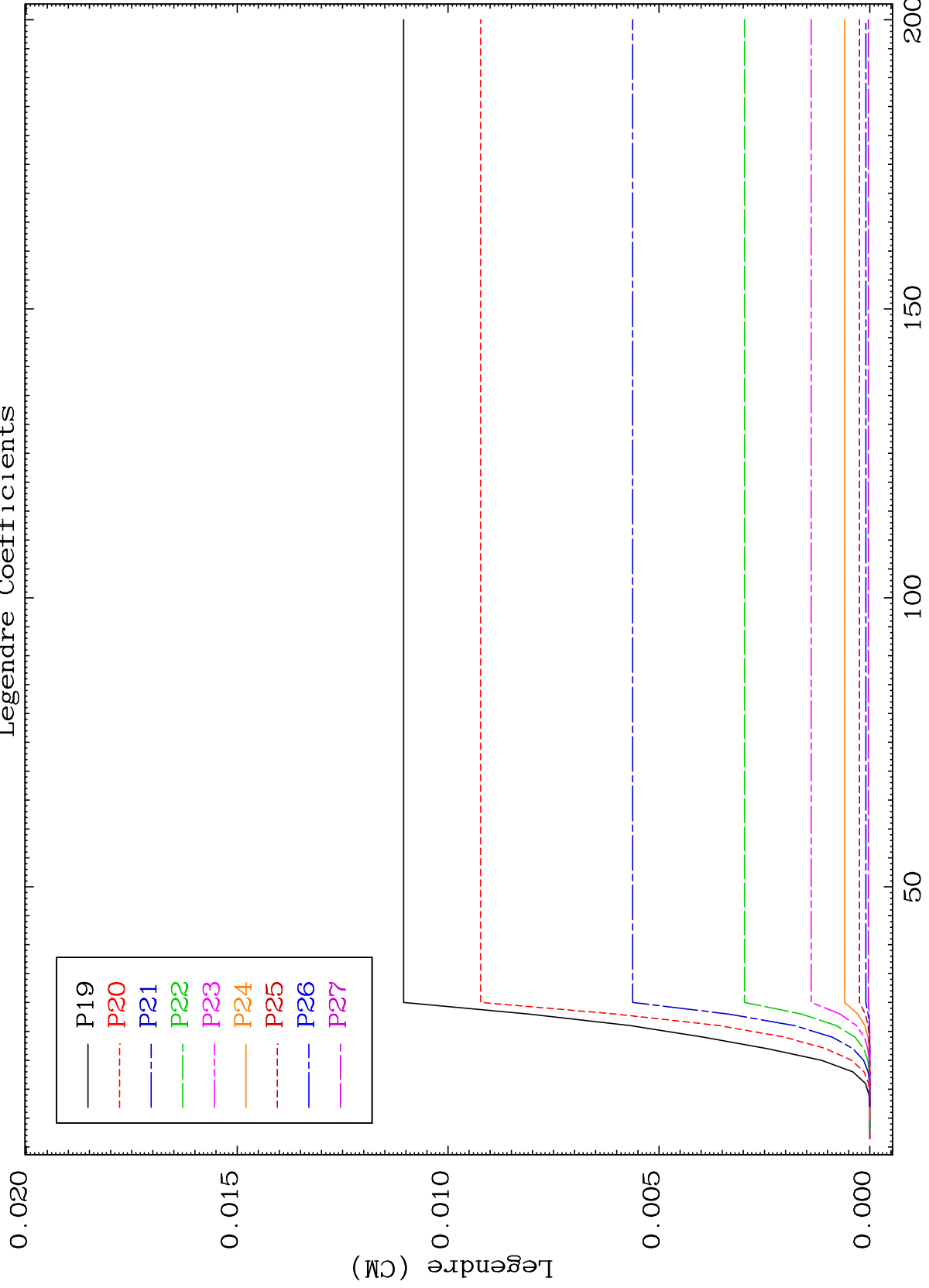




MAT 6513

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

65-Tb-155



129

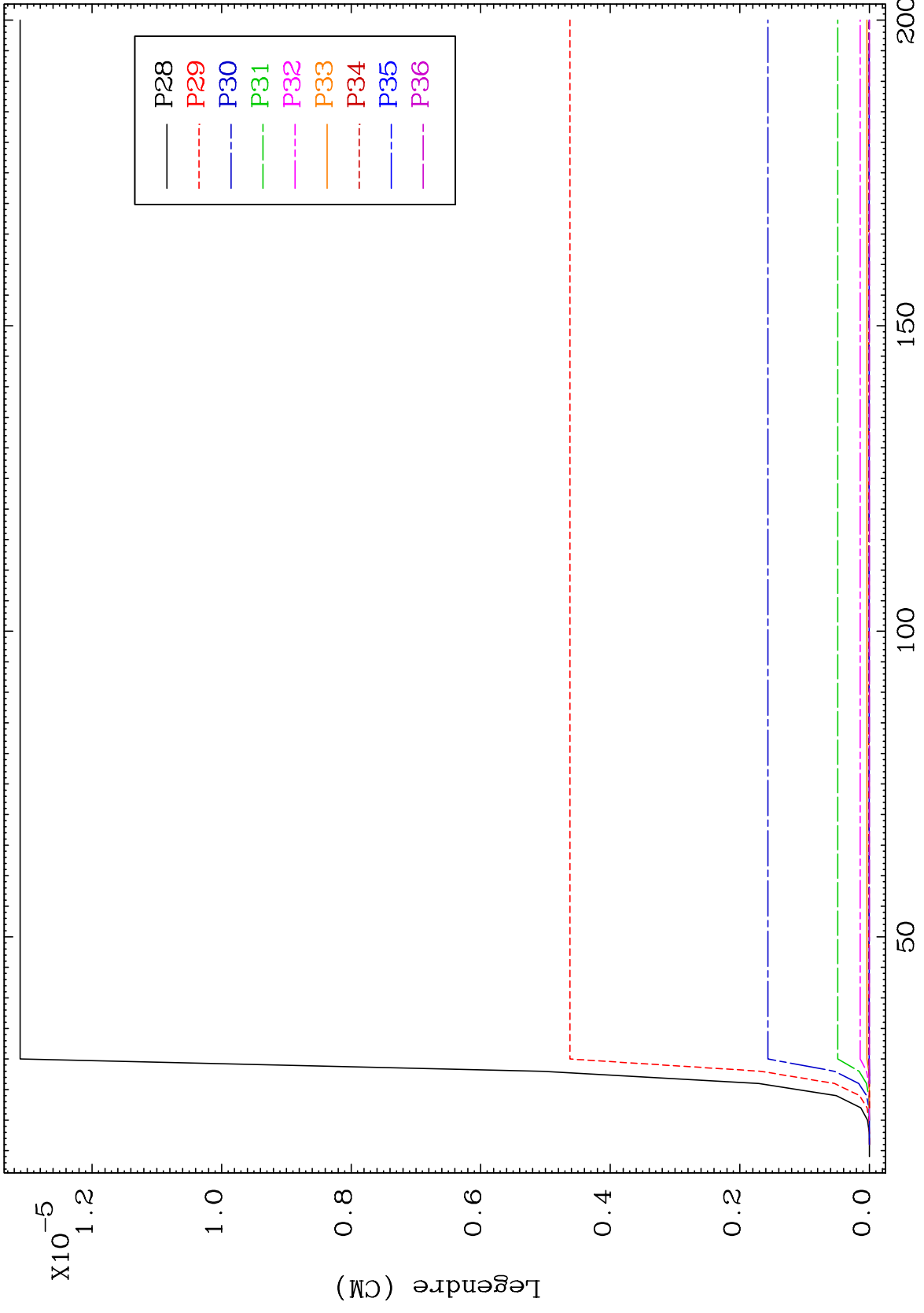
Incident Energy (MeV)

65-Tb-155

MAT 6513

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

65-Tb-155



130

Incident Energy (MeV)

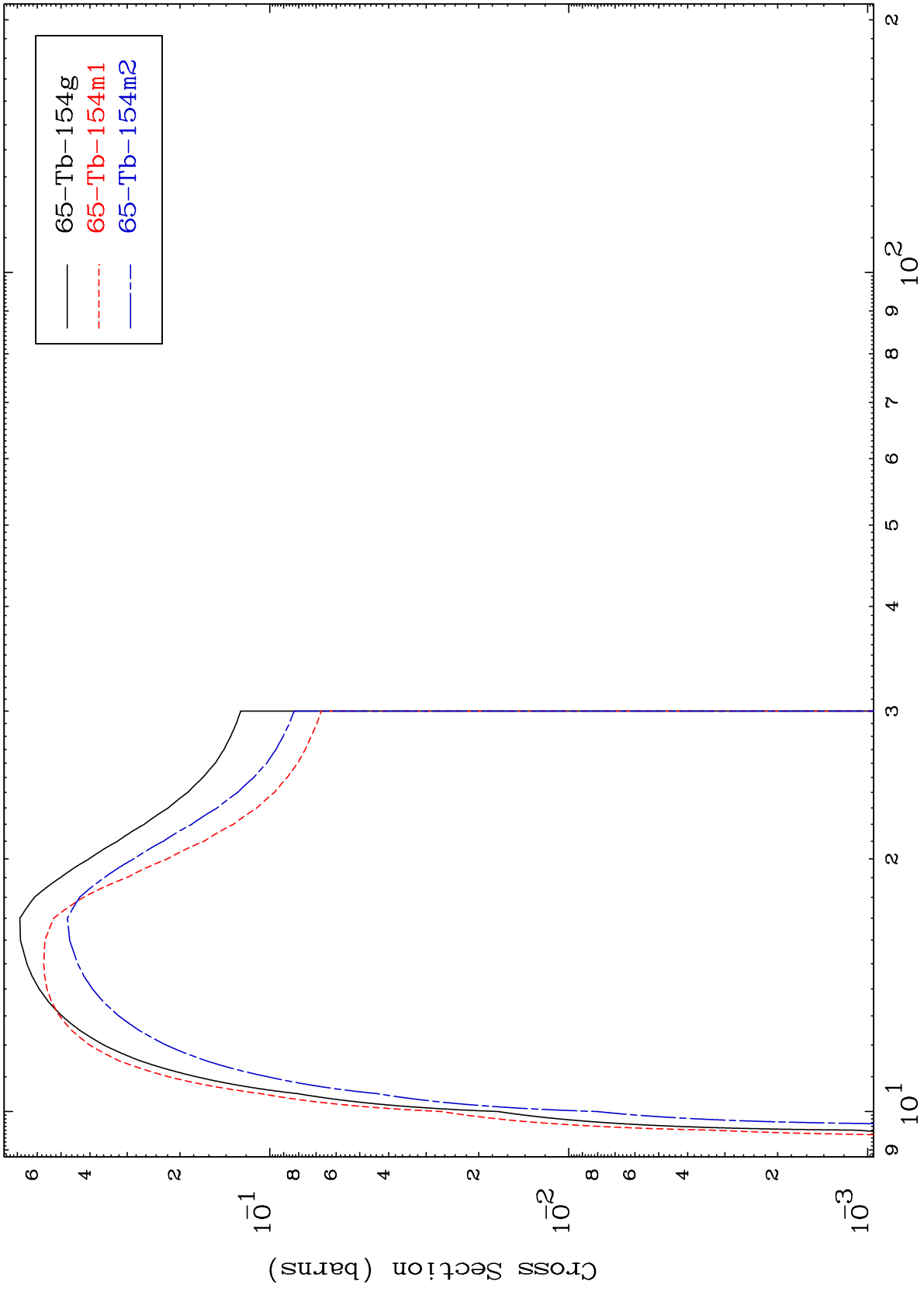
65-Tb-155

MAT 6513

(n,2n)

65-Tb-155

Radionuclide Production Cross Section



131

Incident Energy (MeV)

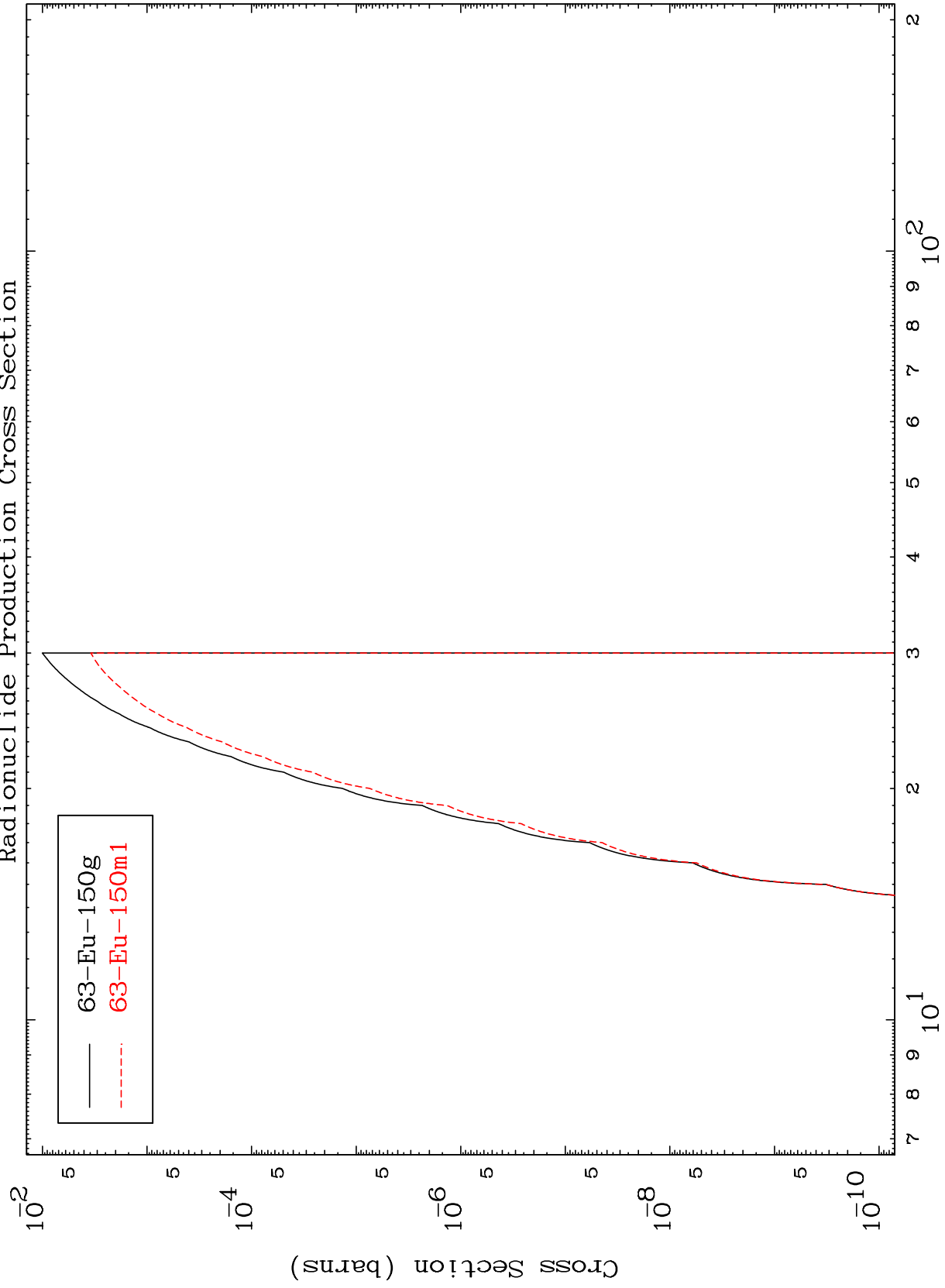
65-Tb-155

MAT 6513

(n,2n)  $\alpha$

65-Tb-155

Radionuclide Production Cross Section



132

Incident Energy (MeV)

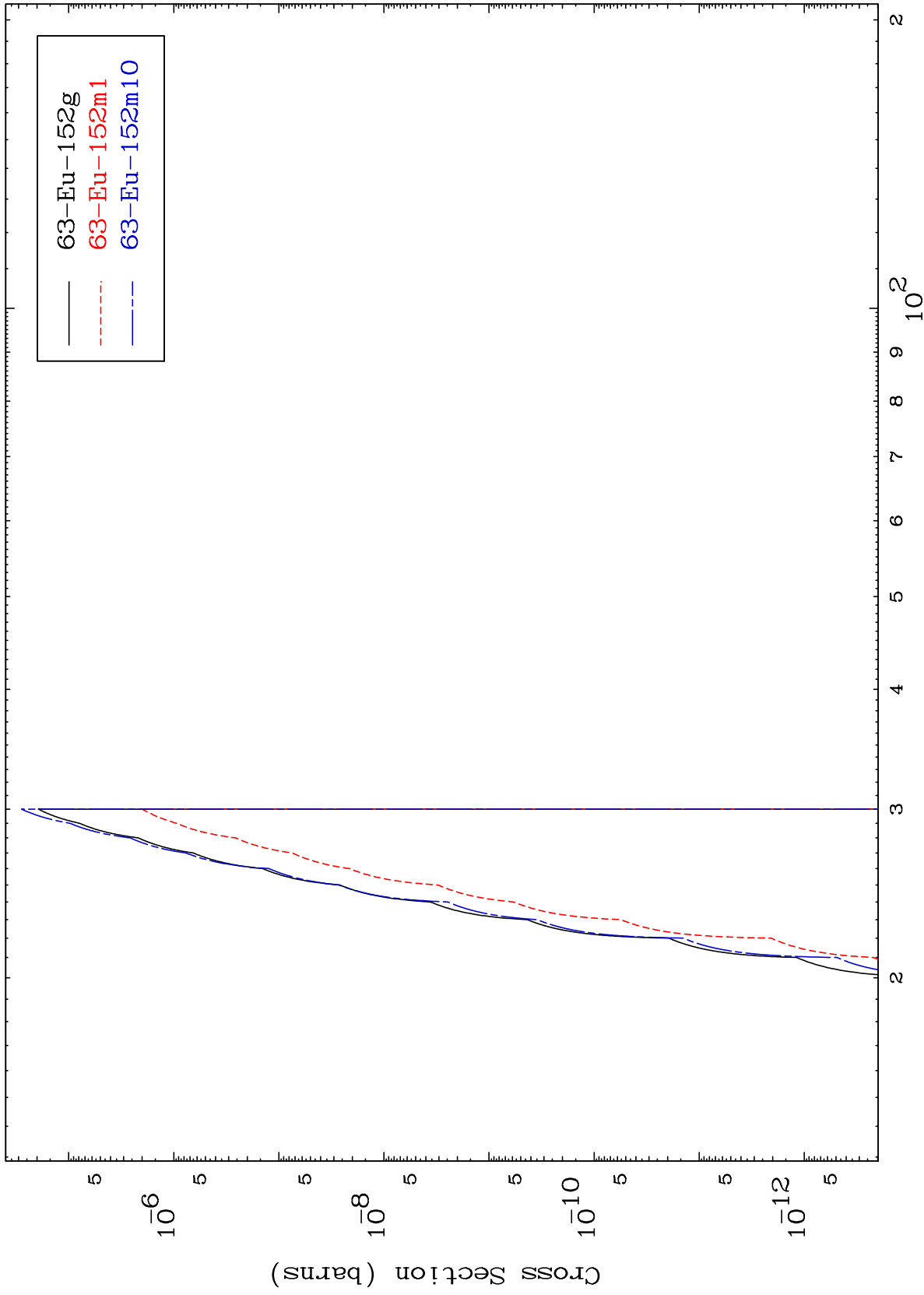
65-Tb-155

MAT 6513

(n, n') He-3

65-Tb-155

Radionuclide Production Cross Section



133

Incident Energy (MeV)

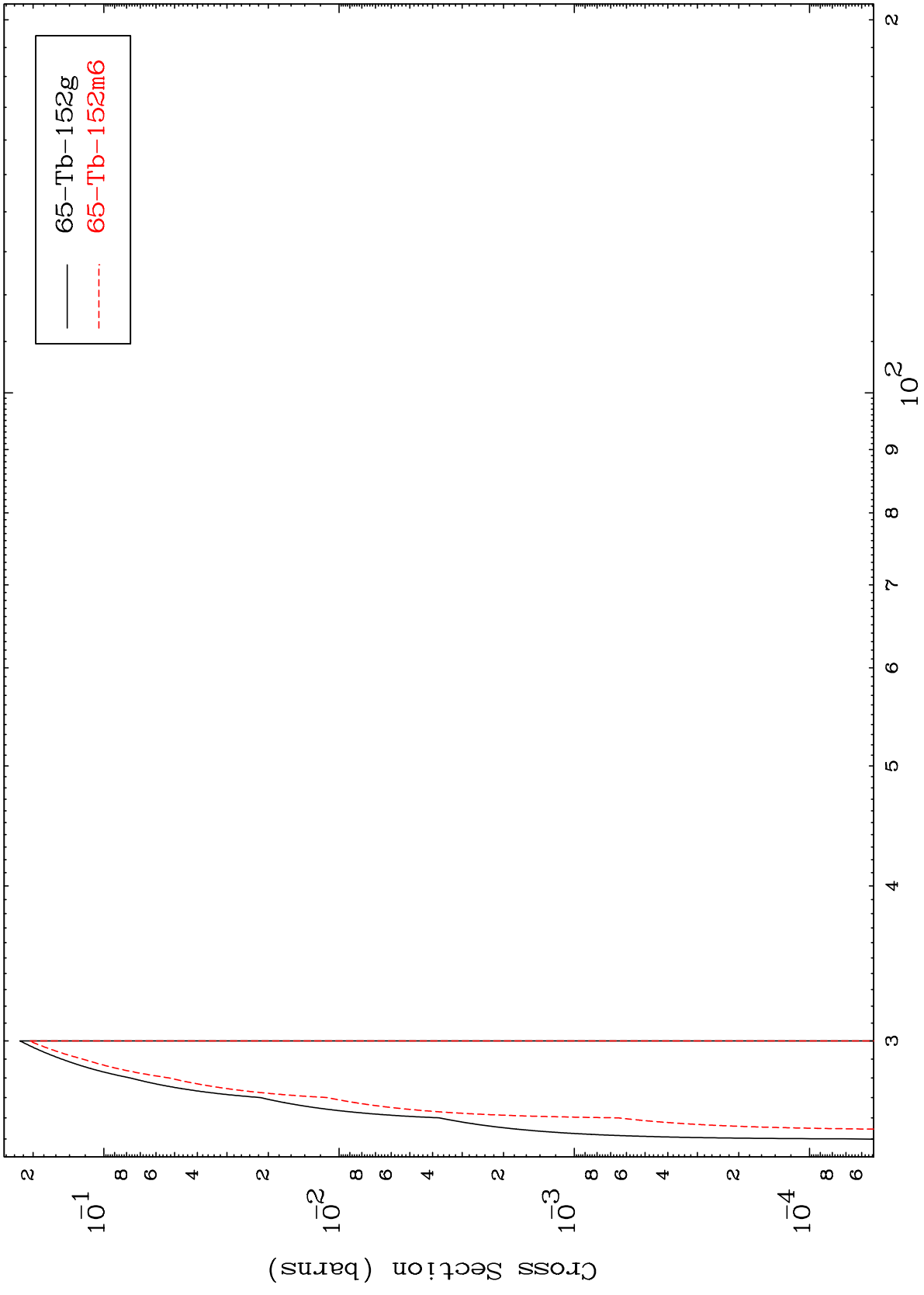
65-Tb-155

MAT 6513

(n,4n)

65-Tb-155

Radionuclide Production Cross Section



134

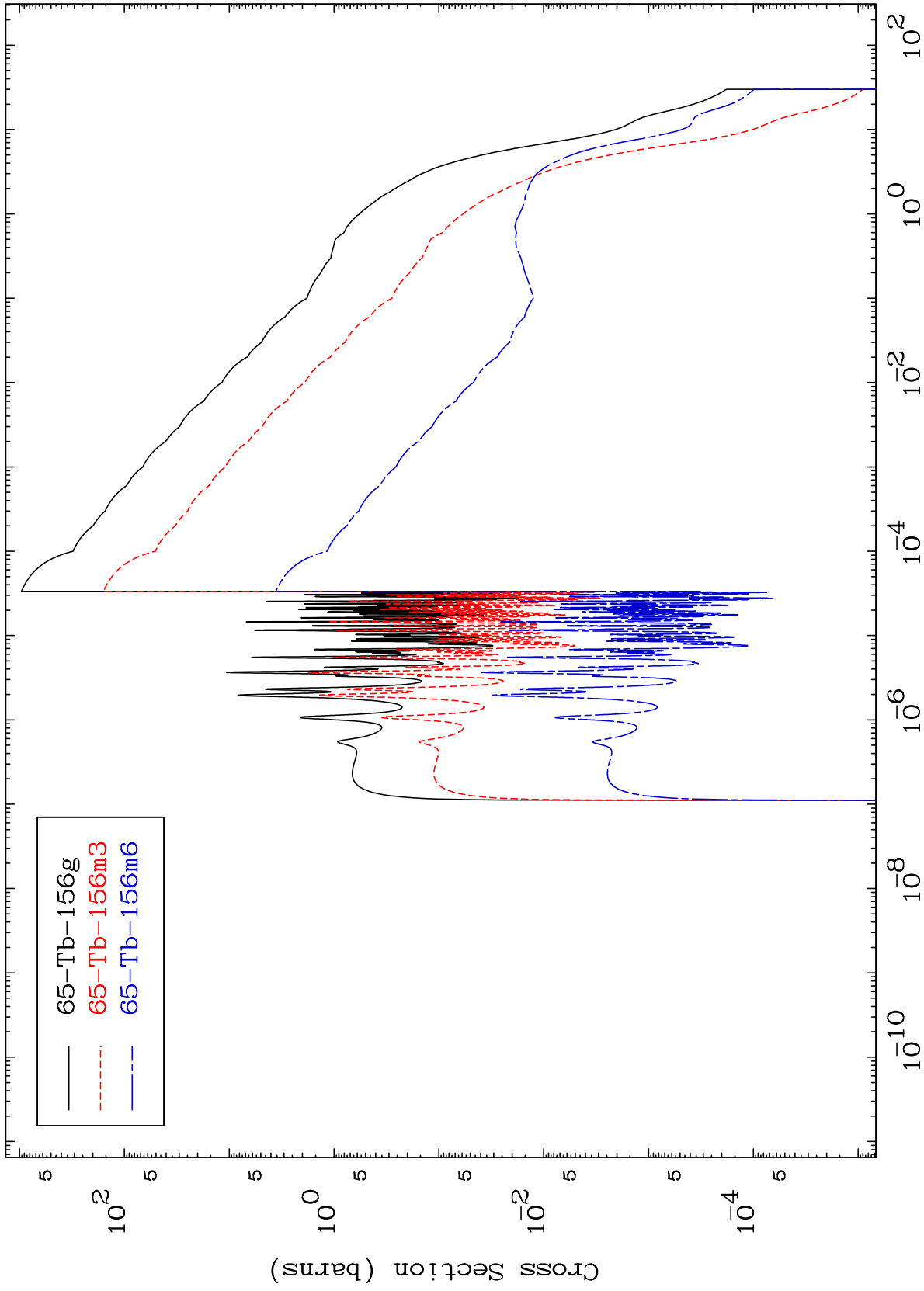
Incident Energy (MeV)

65-Tb-155

MAT 6513

65-Tb-155

Radionuclide Production Cross Section



135

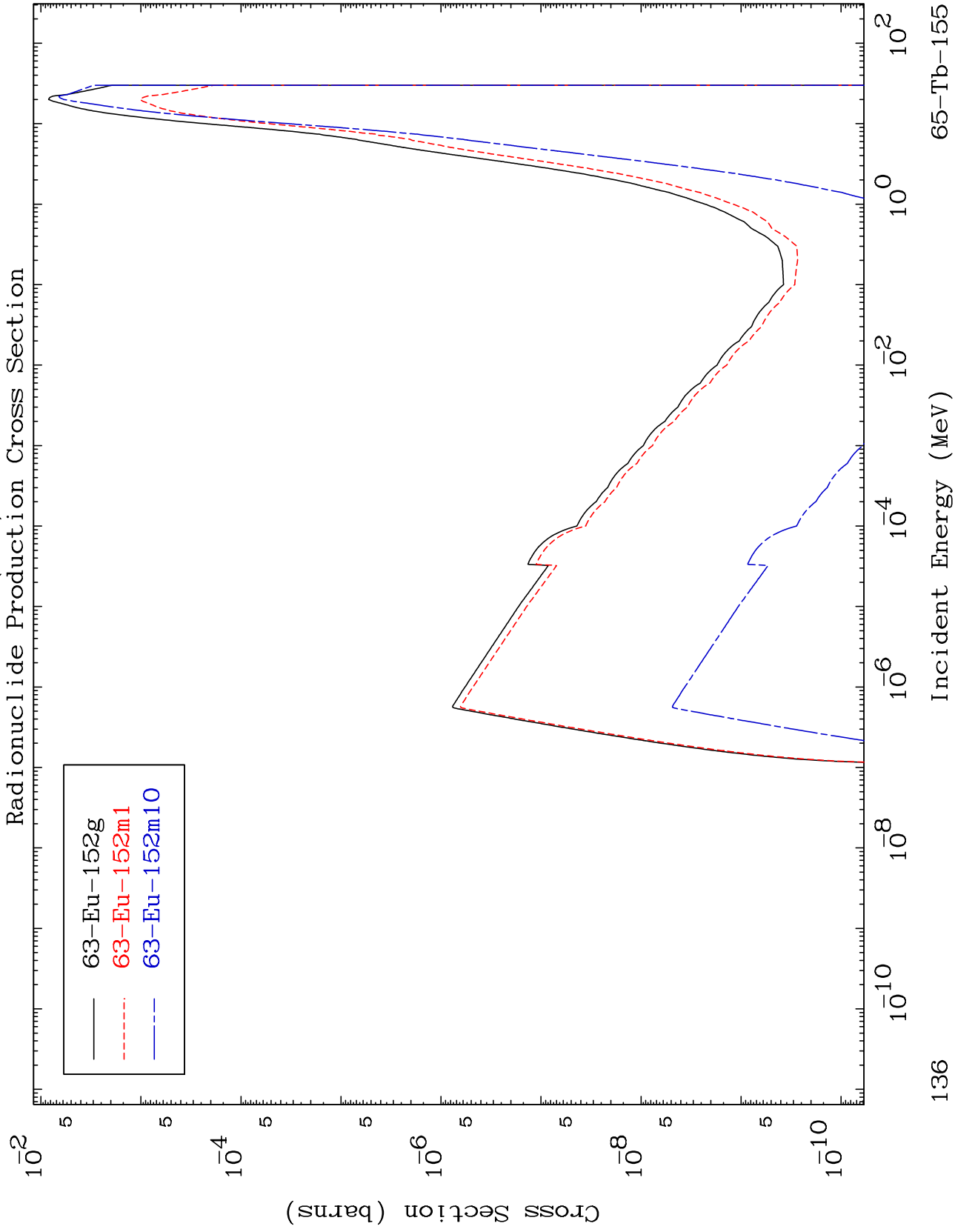
65-Tb-155



MAT 6513

(n,  $\alpha$ )

65-Tb-155

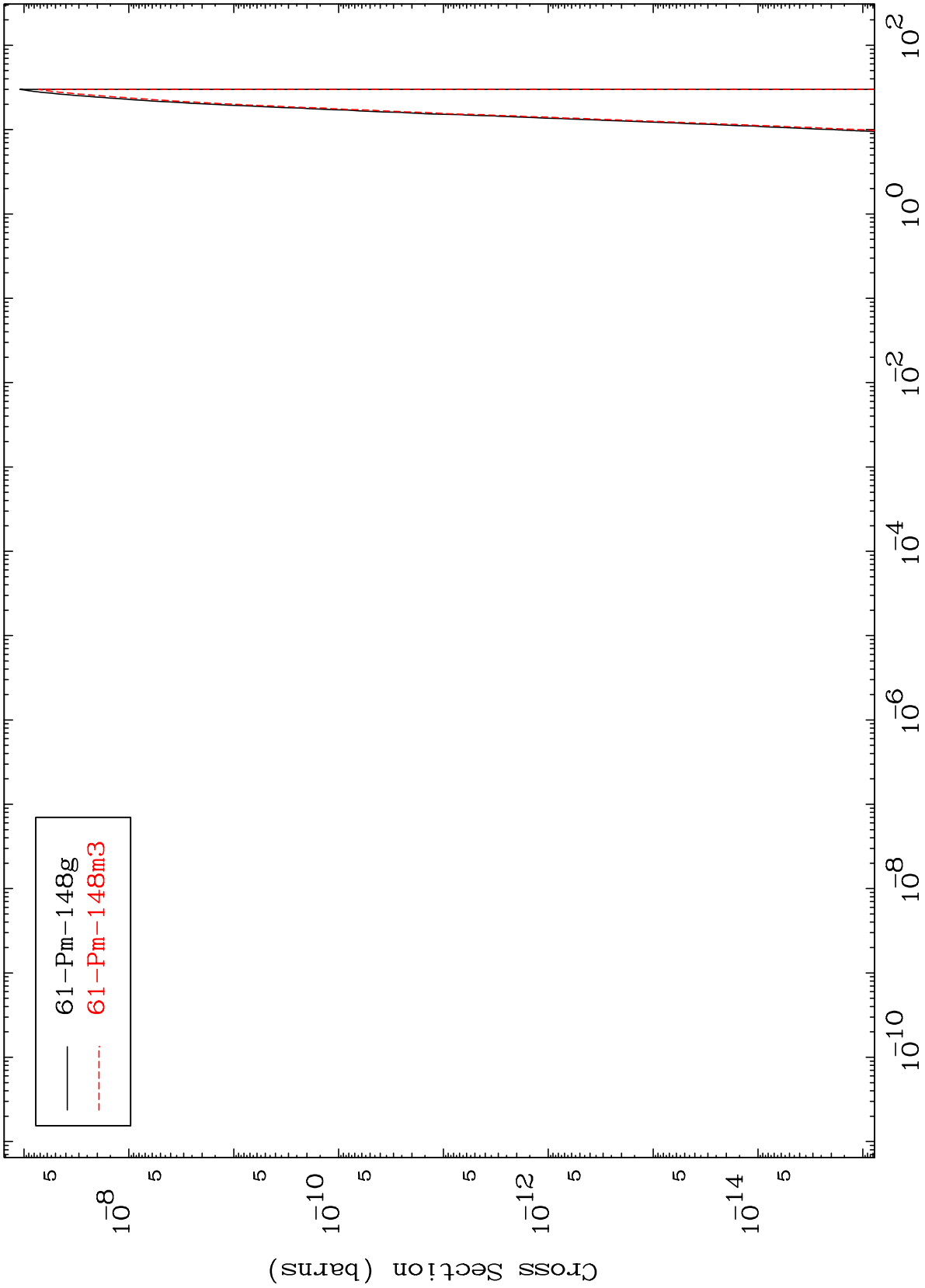


MAT 6513

(n,2α)

65-Tb-155

Radionuclide Production Cross Section

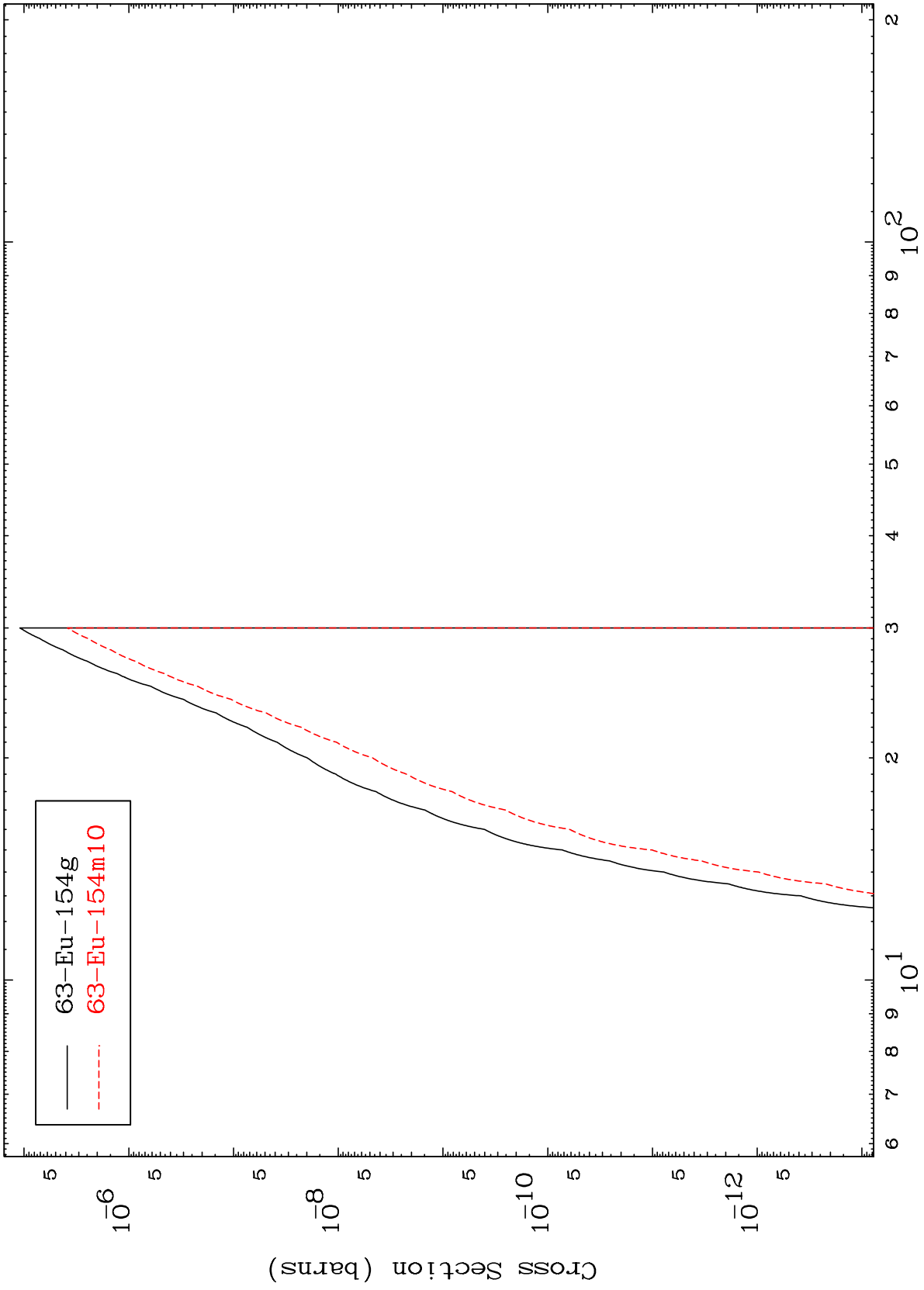


61-Pm-148g  
61-Pm-148m3

MAT 6513

65-Tb-155

(n,2p)  
Radionuclide Production Cross Section



138

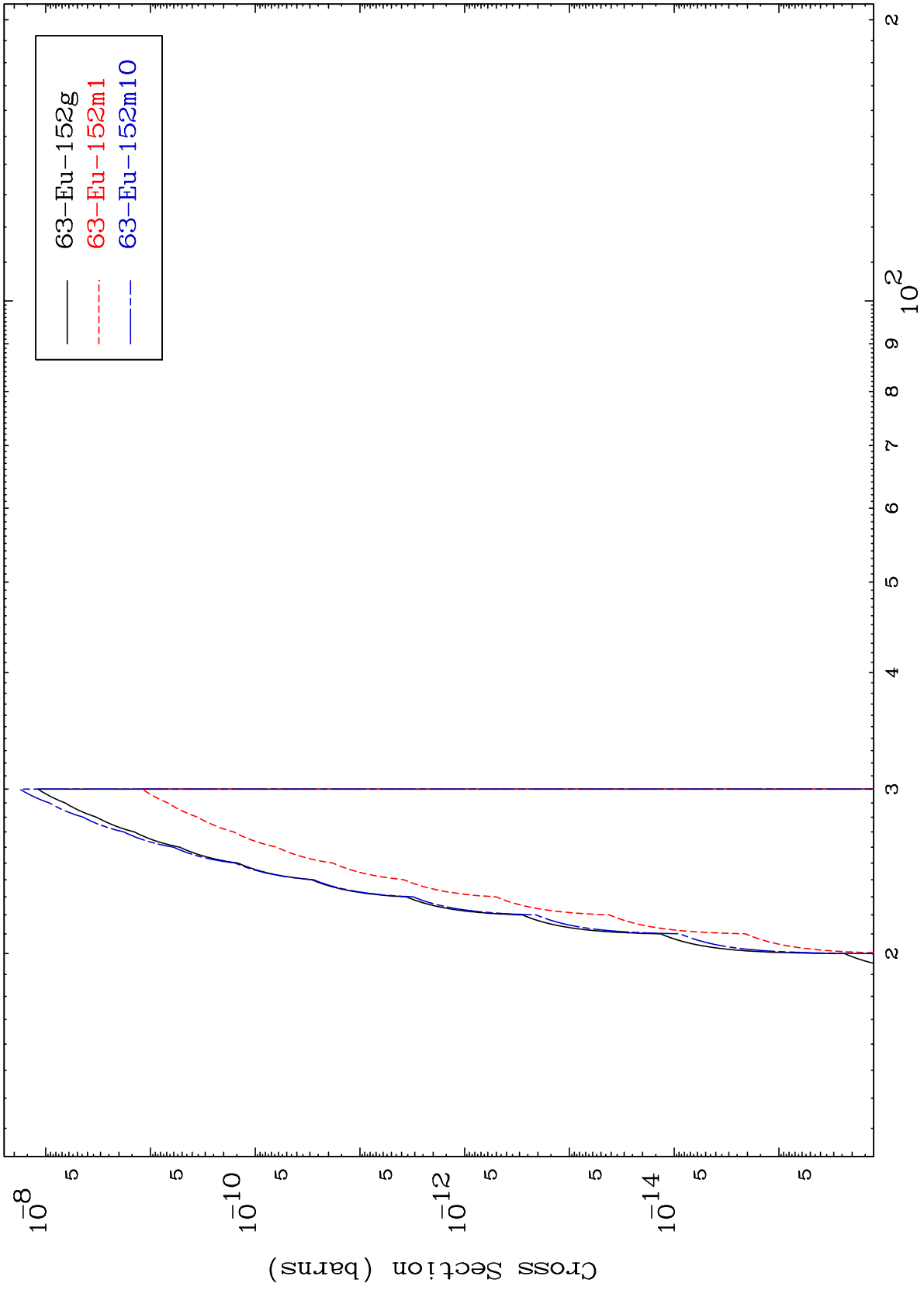
65-Tb-155

MAT 6513

(n,p) t

65-Tb-155

Radionuclide Production Cross Section



139

Incident Energy (MeV)

65-Tb-155