

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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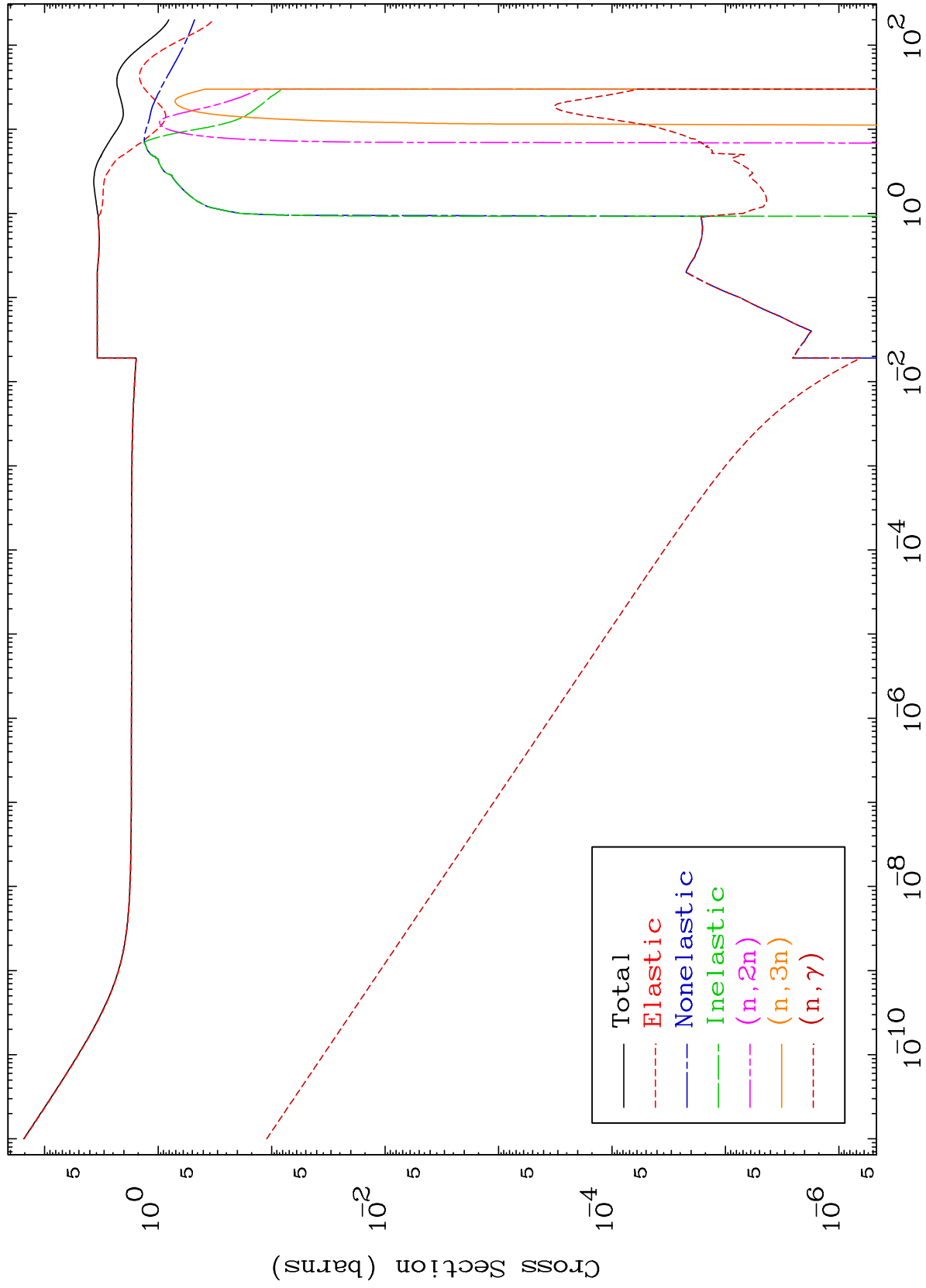
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1655

Neutron Major
293 Kelvin Cross Sections

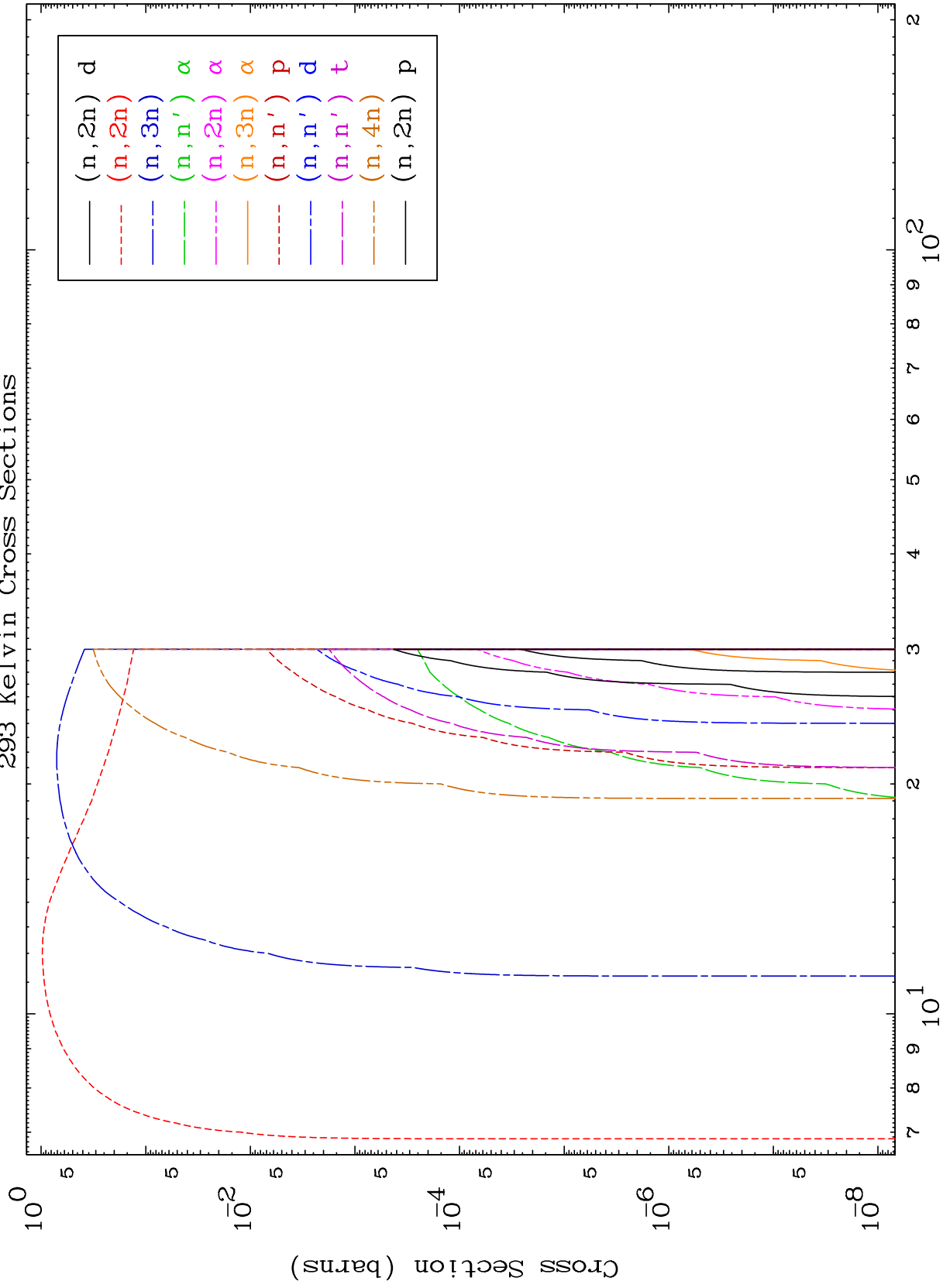
16-S -42



MAT 1655

Neutron Absorption
293 Kelvin Cross Sections

16-S -42



2

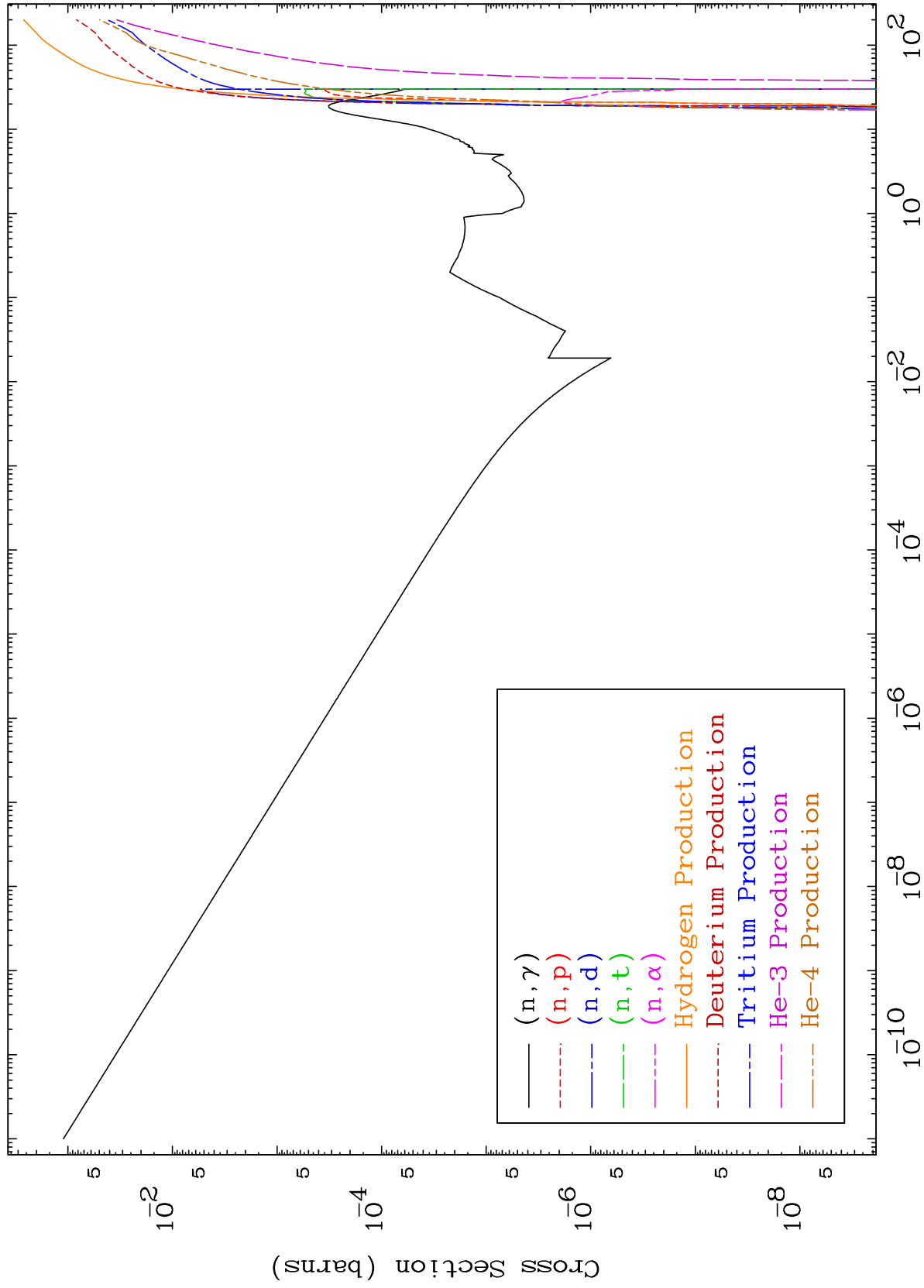
Incident Energy (MeV)

16-S -42

MAT 1655

Neutron Absorption
293 Kelvin Cross Sections

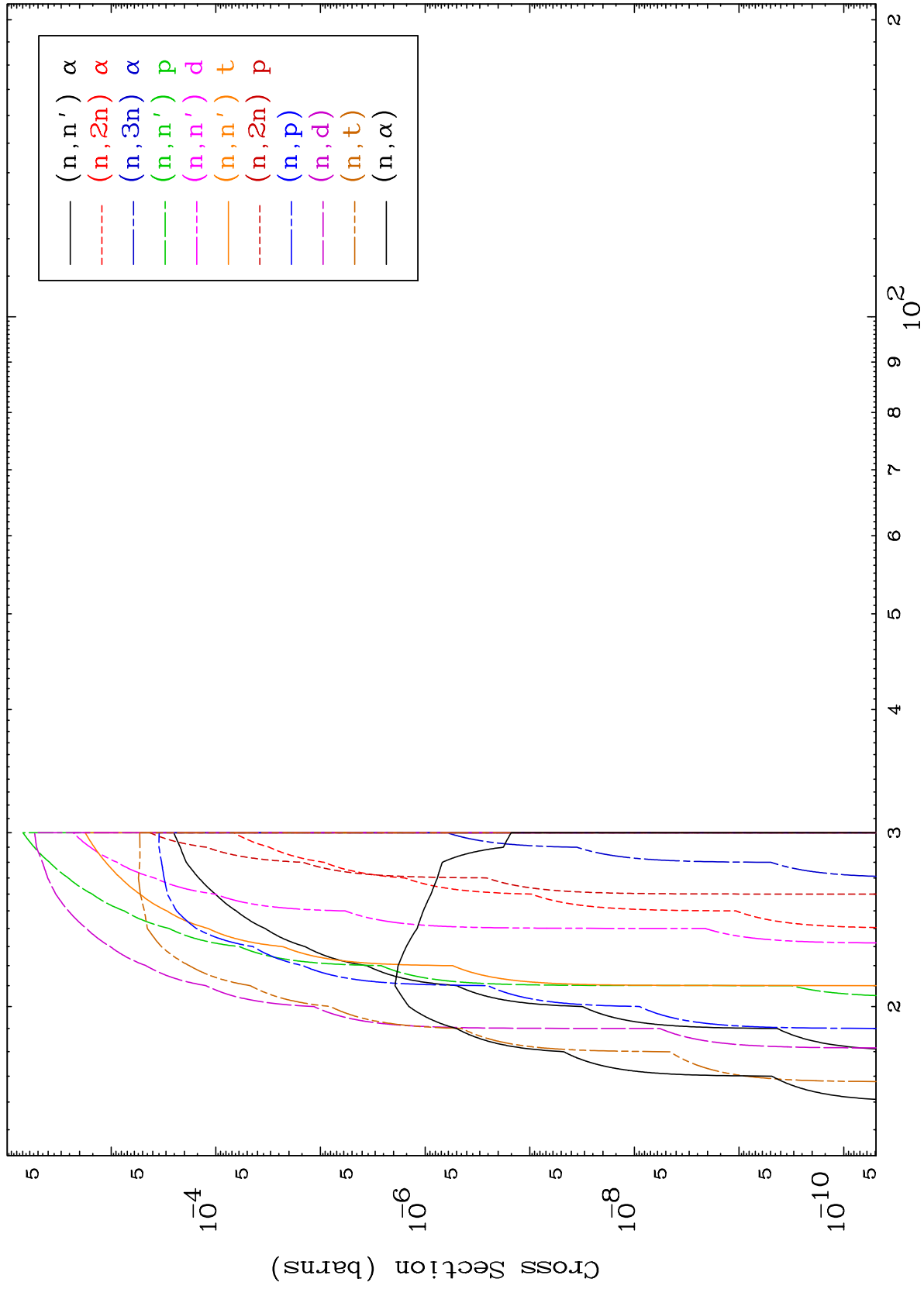
16-S -42



MAT 1655

Charged Particle
293 Kelvin Cross Sections

16-S -42



4

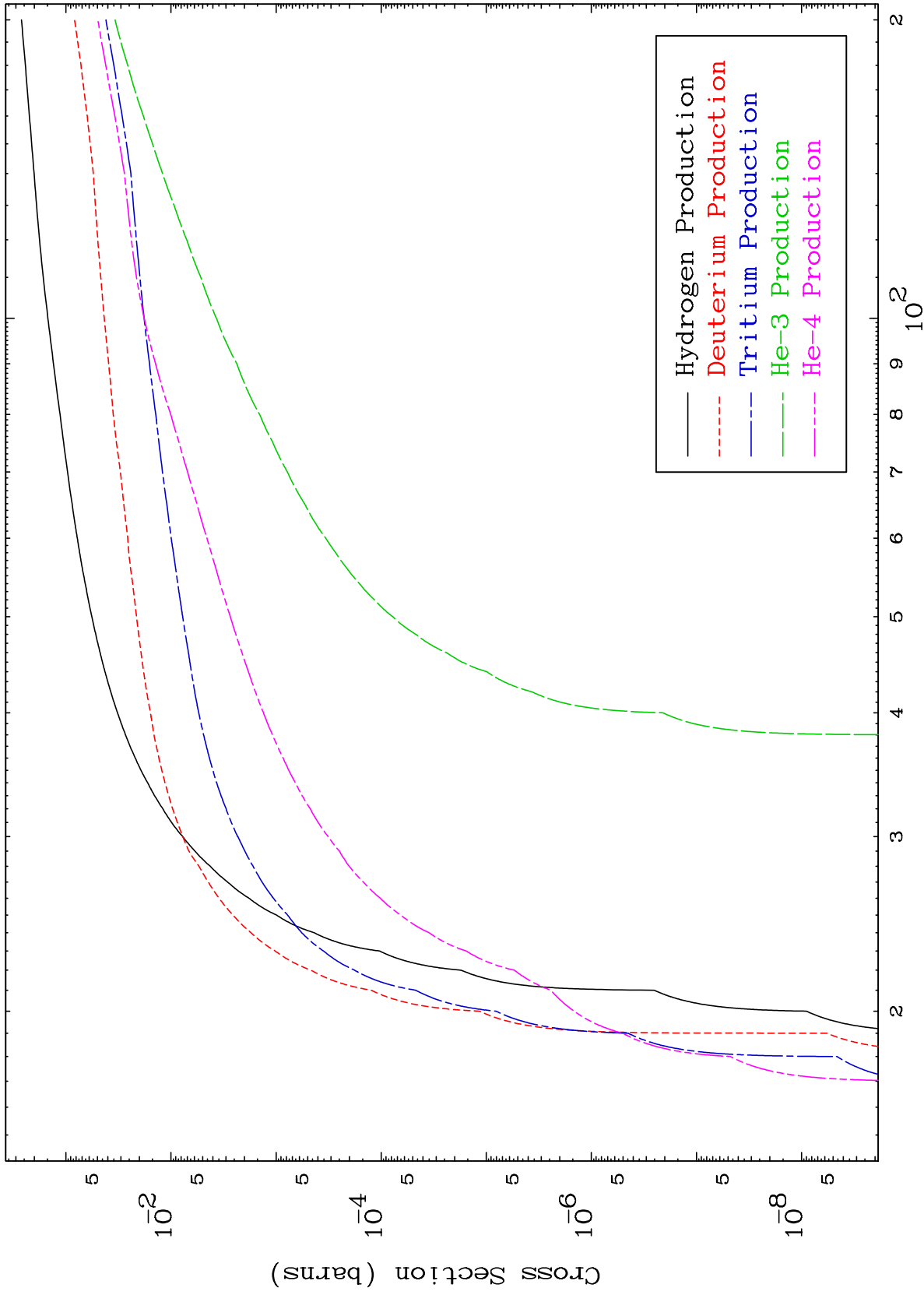
Incident Energy (MeV)

16-S -42

MAT 1655

Particle Production
293 Kelvin Cross Sections

16-S -42



5

Incident Energy (MeV)

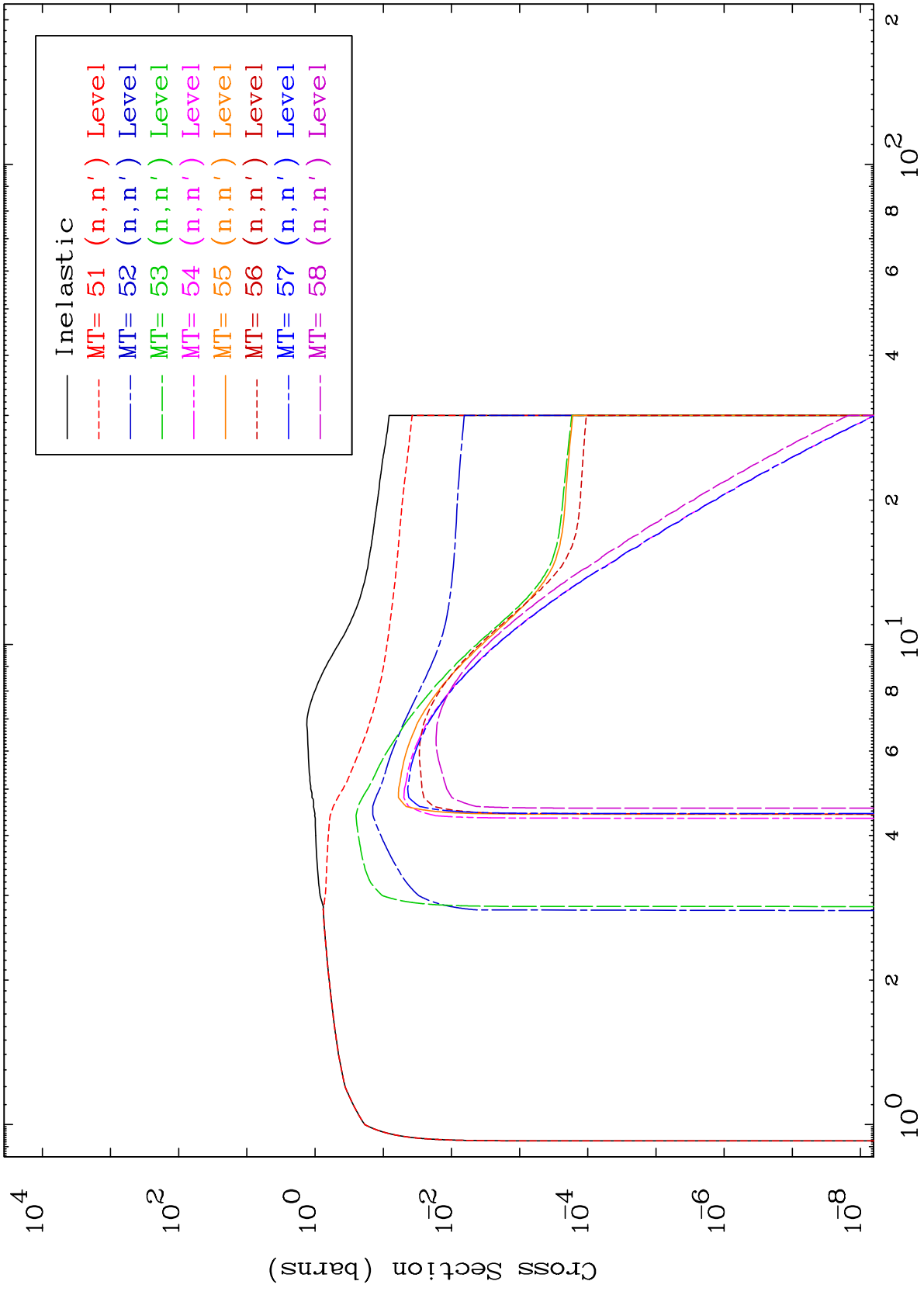
16-S -42

MAT 1655

(n,n') Levels

16-S -42

293 Kelvin Cross Sections



Incident Energy (MeV)

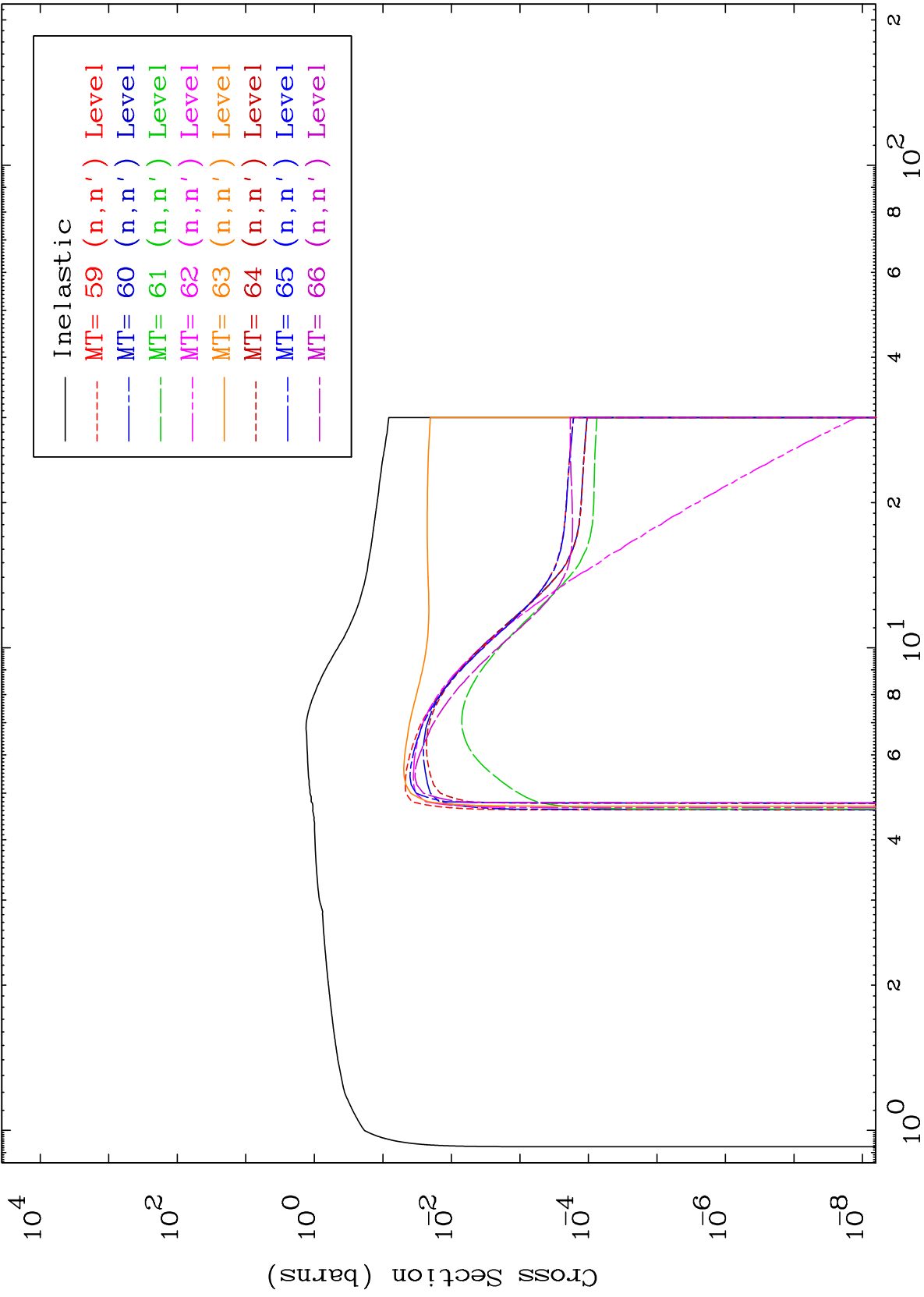
16-S -42

MAT 1655

(n,n') Levels

16-S -42

293 Kelvin Cross Sections



Incident Energy (MeV)

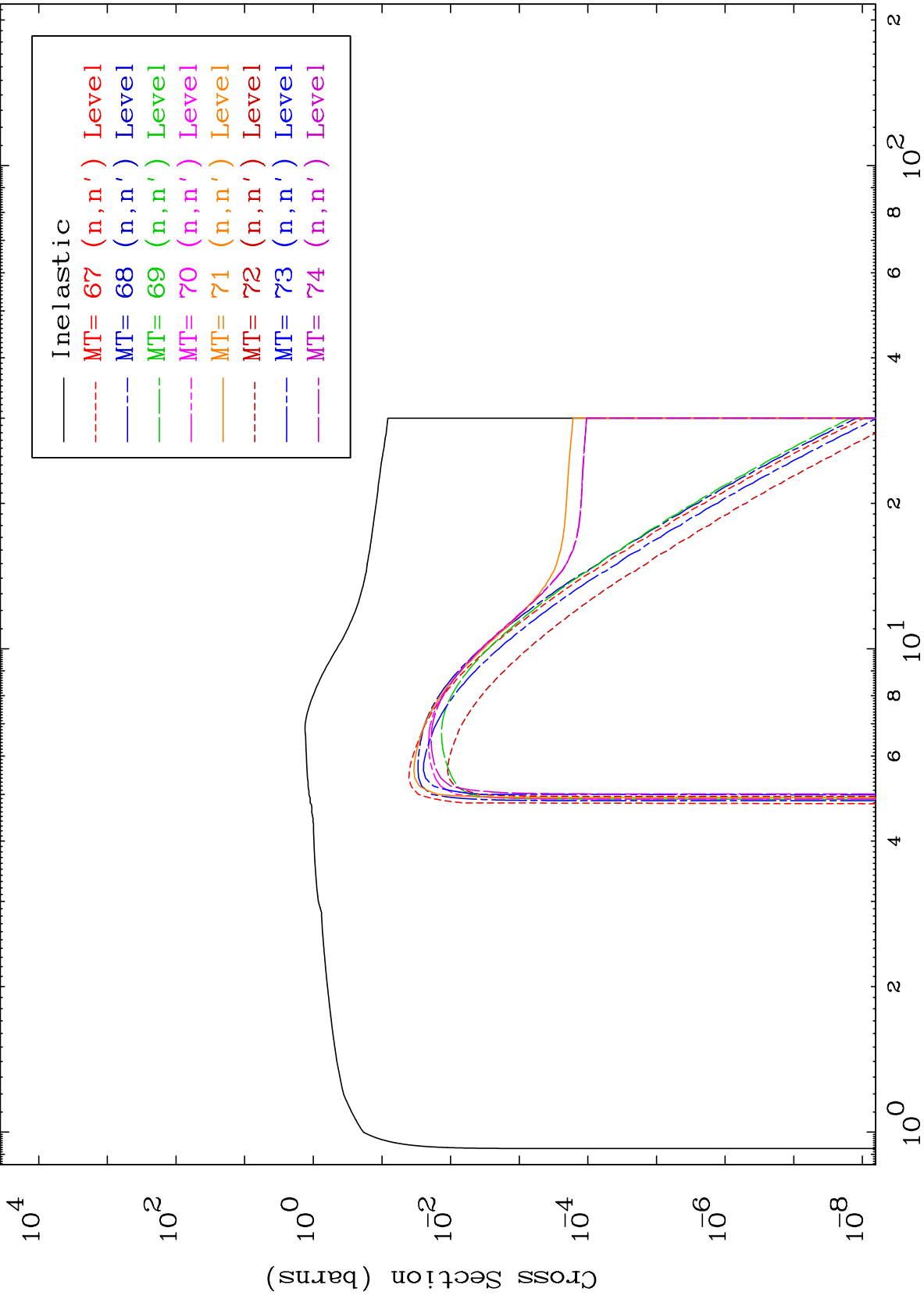
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MAT 1655

(n,n') Levels

16-S -42

293 Kelvin Cross Sections



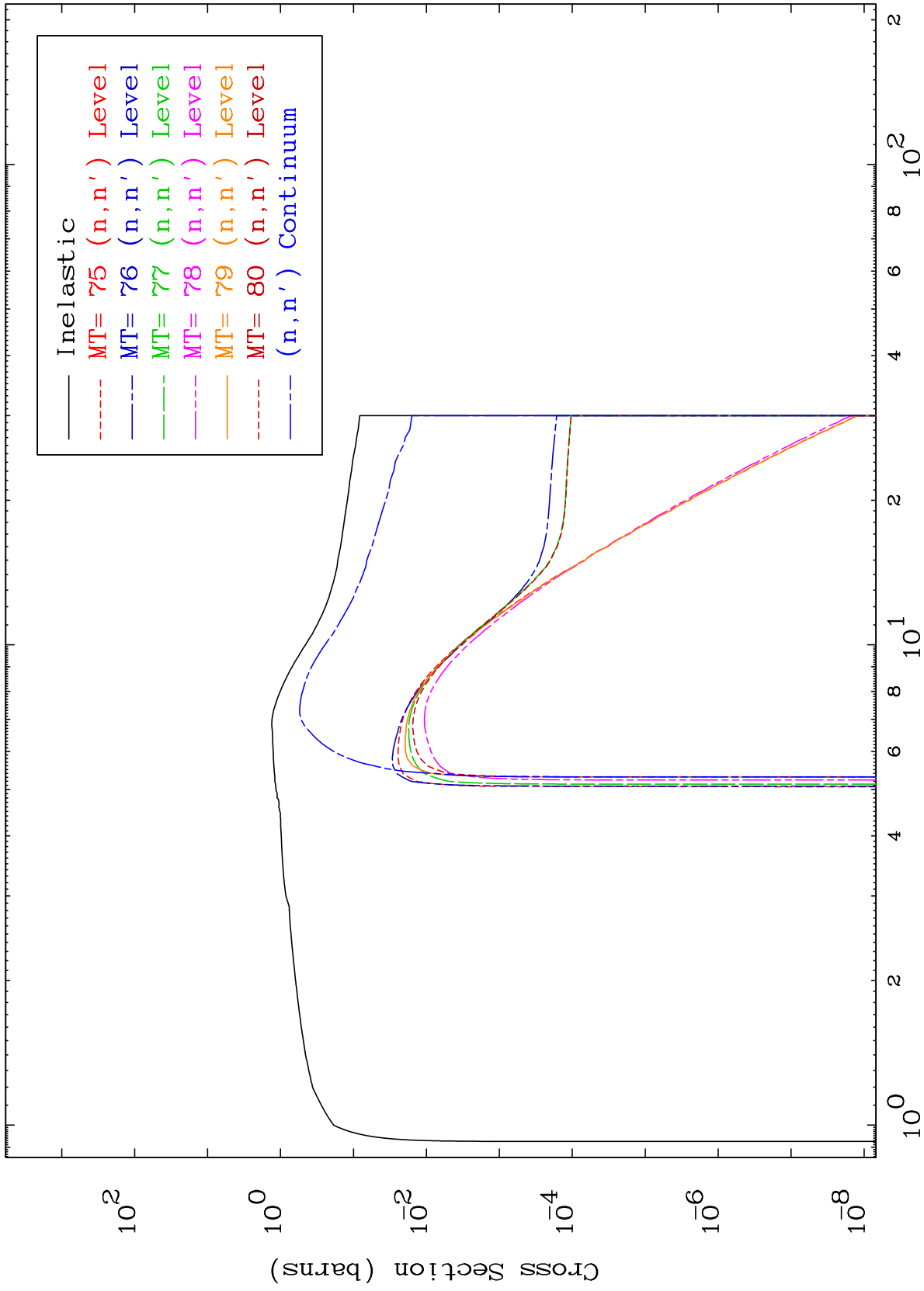
Incident Energy (MeV)

16-S -42

MAT 1655

(n,n') Levels
293 Kelvin Cross Sections

16-S -42



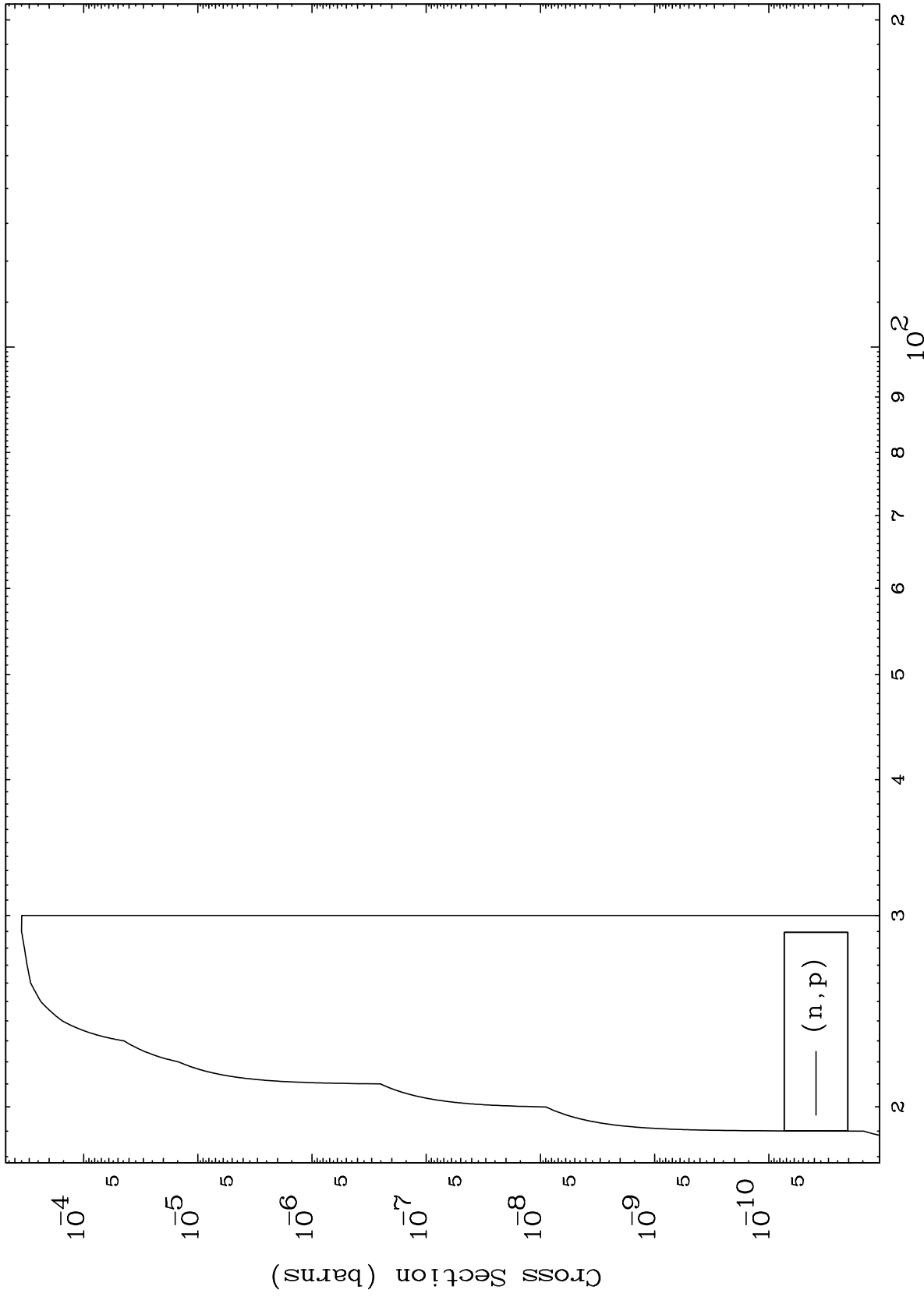
Incident Energy (MeV)

16-S -42

MAT 1655

(n,p) Levels
293 Kelvin Cross Sections

16-S -42



10

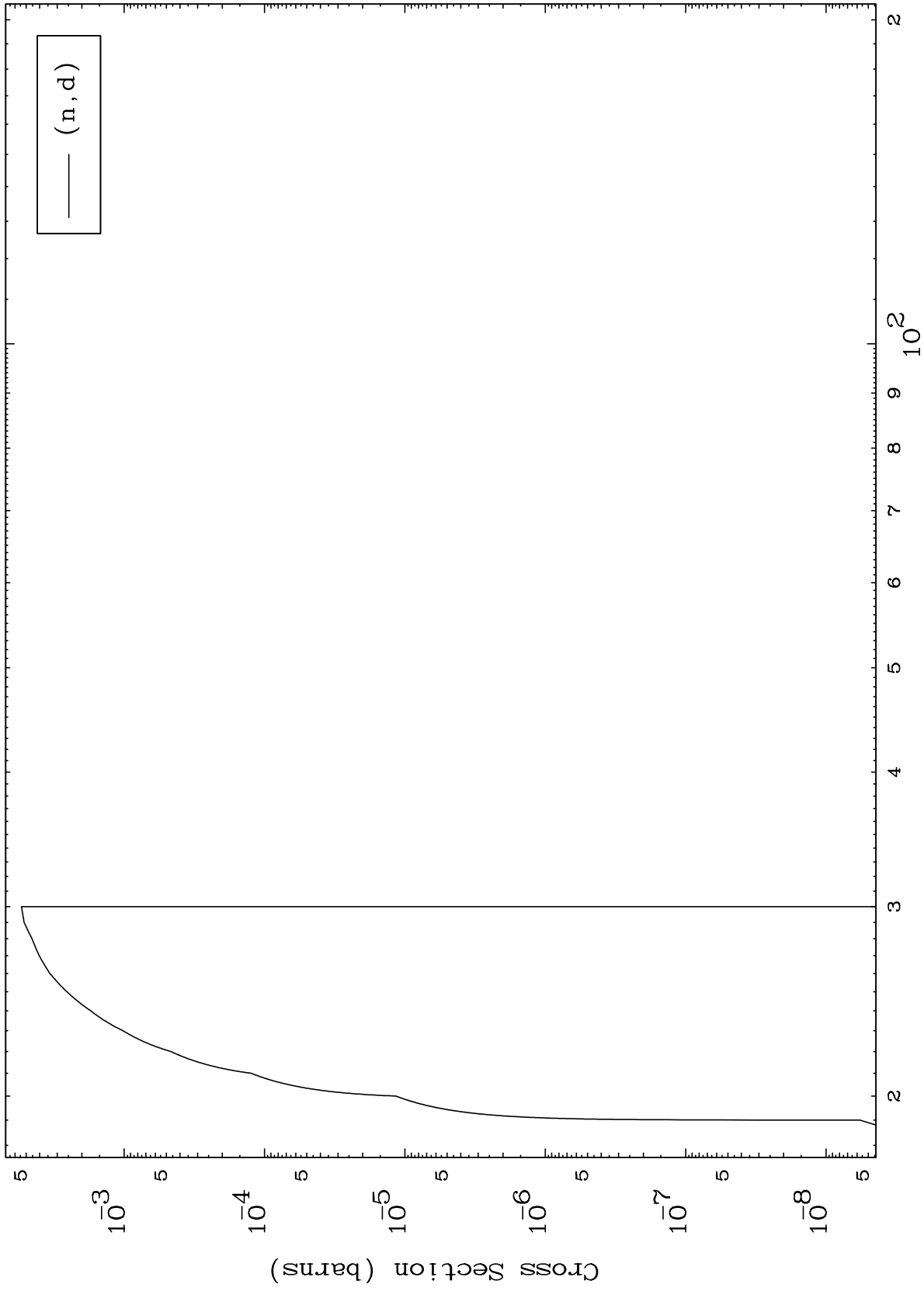
Incident Energy (MeV)

16-S -42

MAT 1655

(n,d) Levels
293 Kelvin Cross Sections

16-S -42



11

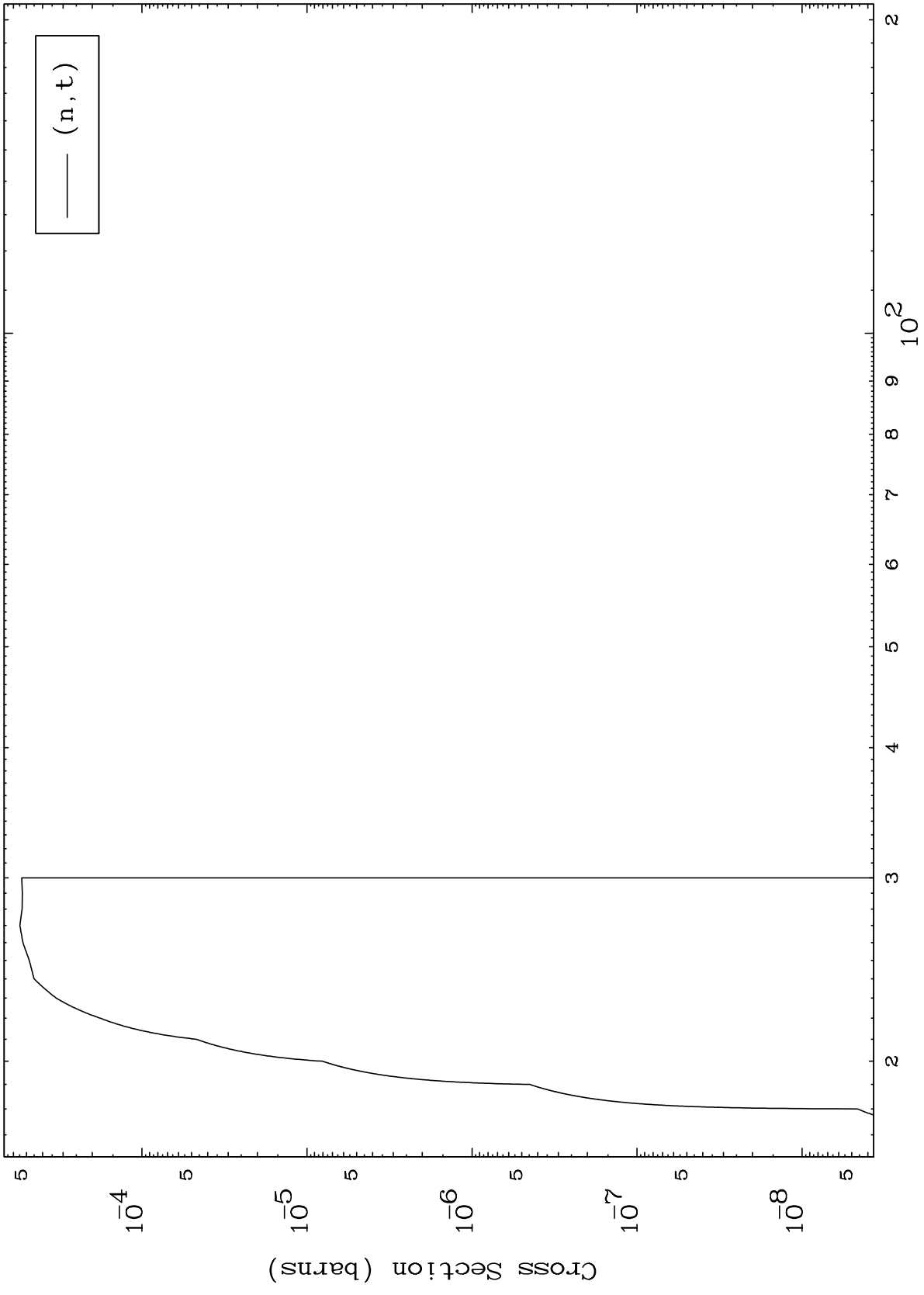
Incident Energy (MeV)

16-S -42

MAT 1655

(n,t) Levels
293 Kelvin Cross Sections

16-S -42



12

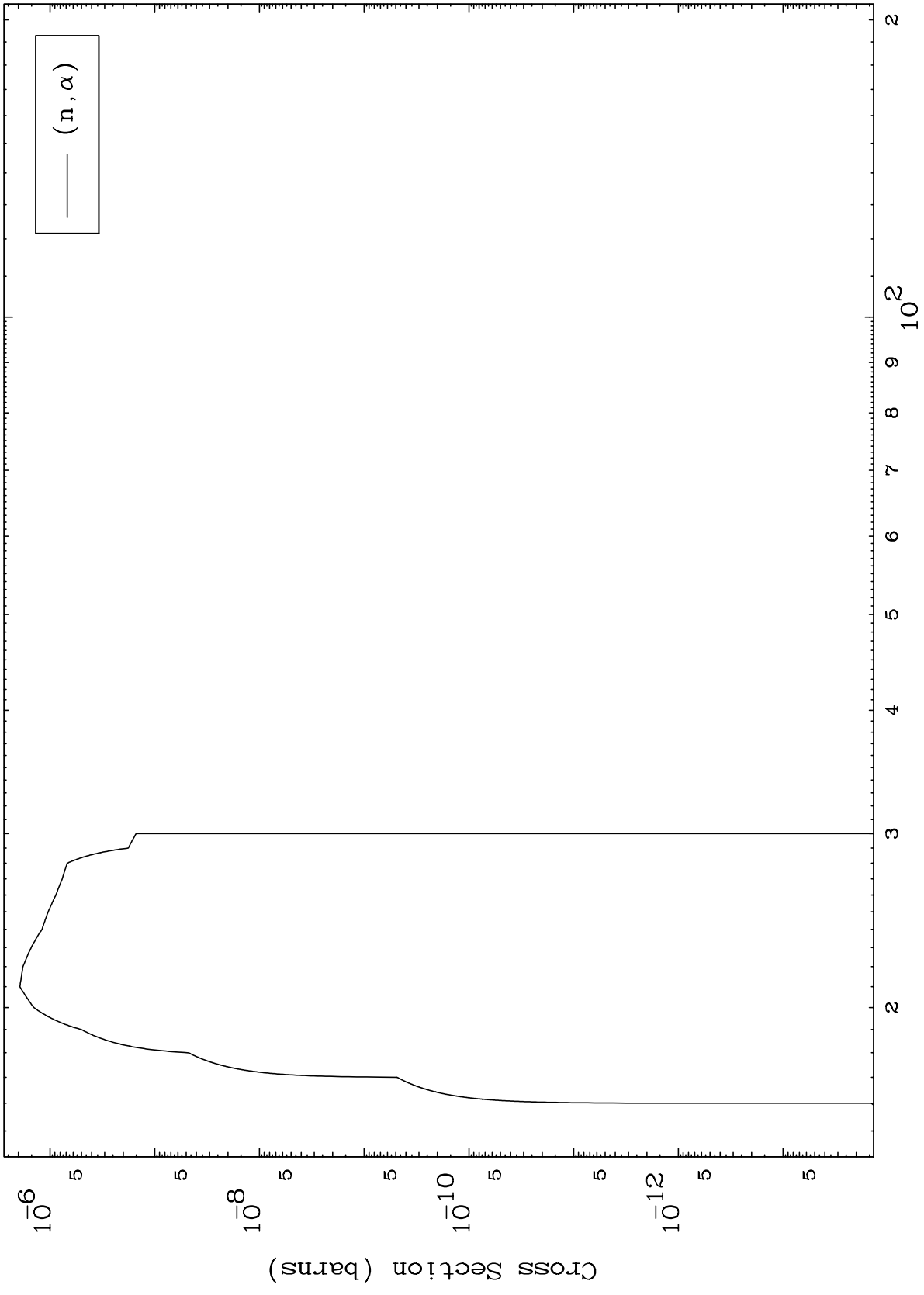
Incident Energy (MeV)

16-S -42

MAT 1655

(n, α) Levels
293 Kelvin Cross Sections

16-S -42



13

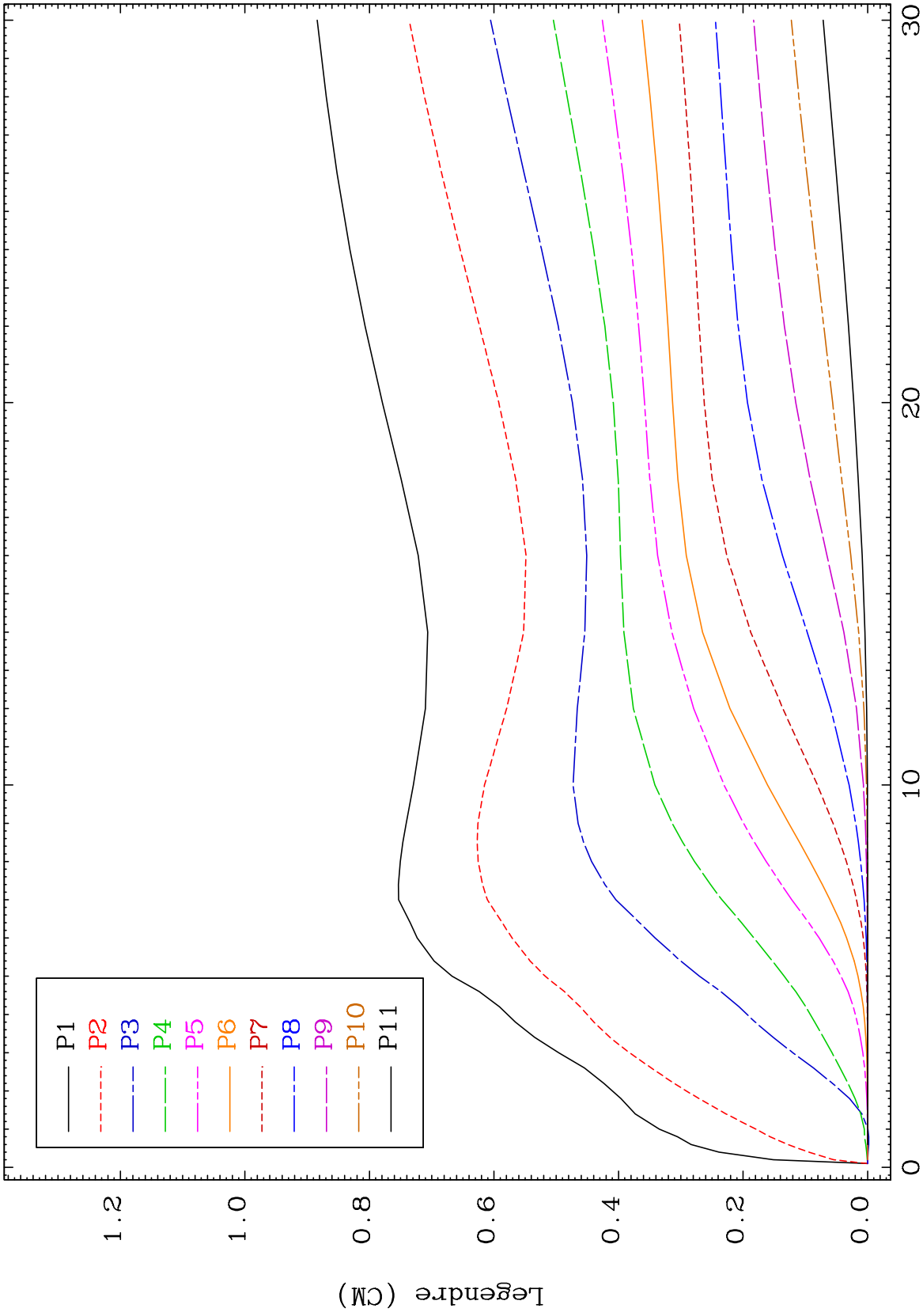
Incident Energy (MeV)

16-S -42

MAT 1655

Elastic Legendre Coefficients

16-S -42



14

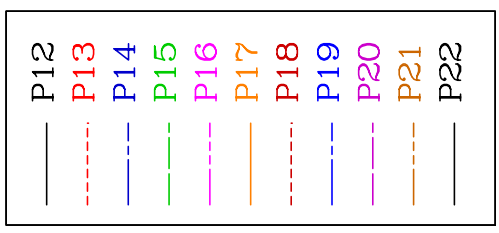
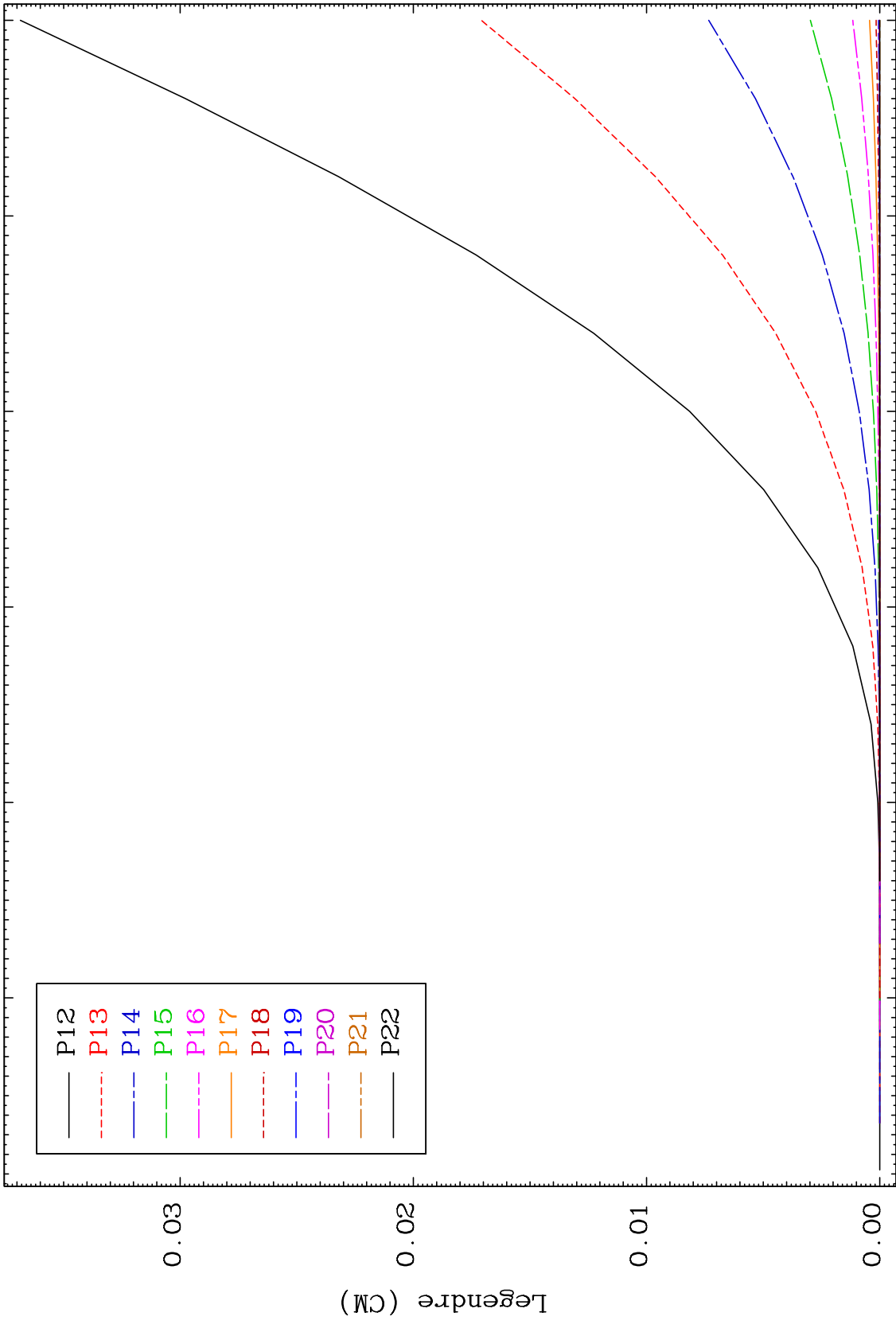
Incident Energy (MeV)

16-S -42

MAT 1655

Elastic Legendre Coefficients

16-S -42



15

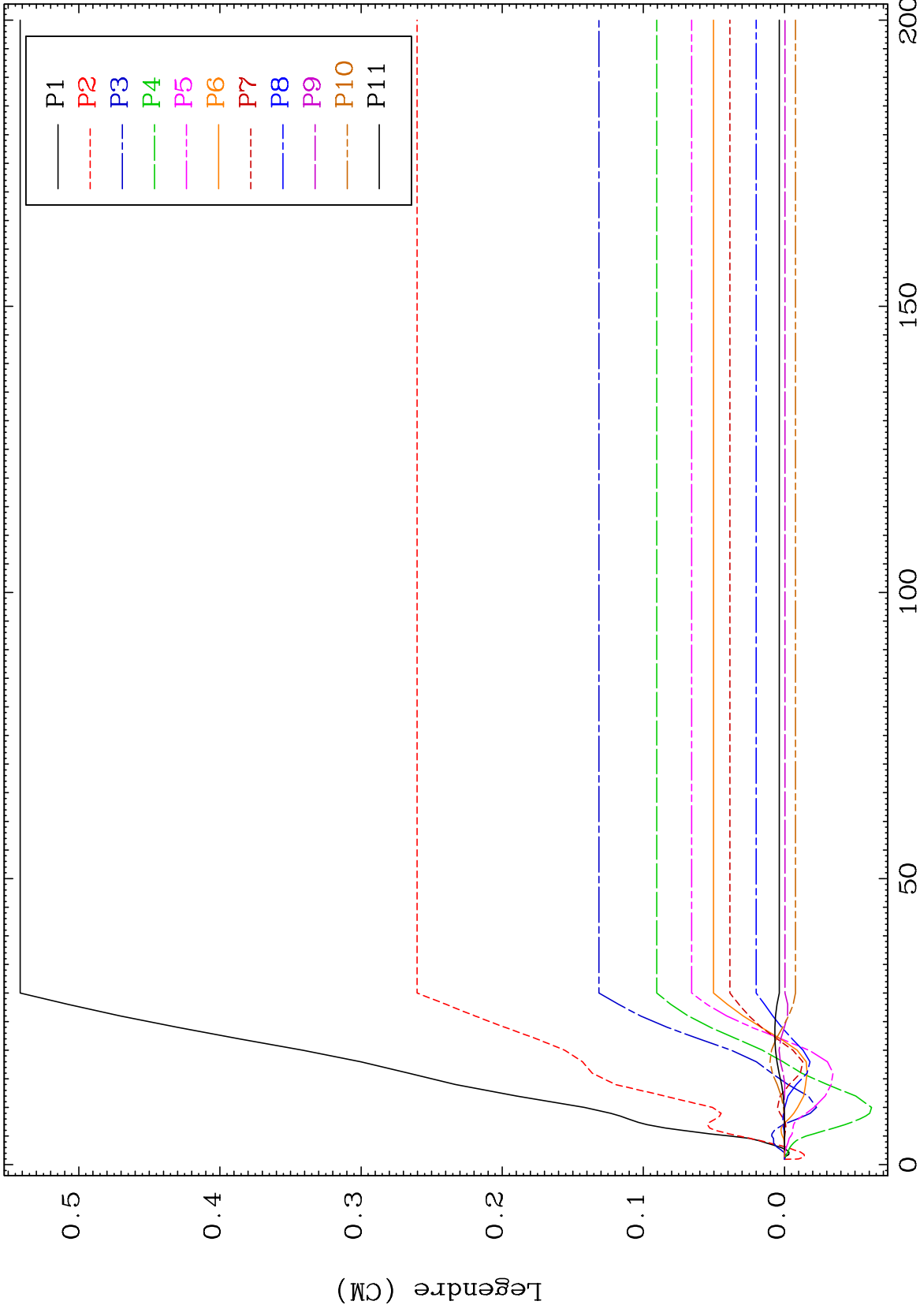
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



17

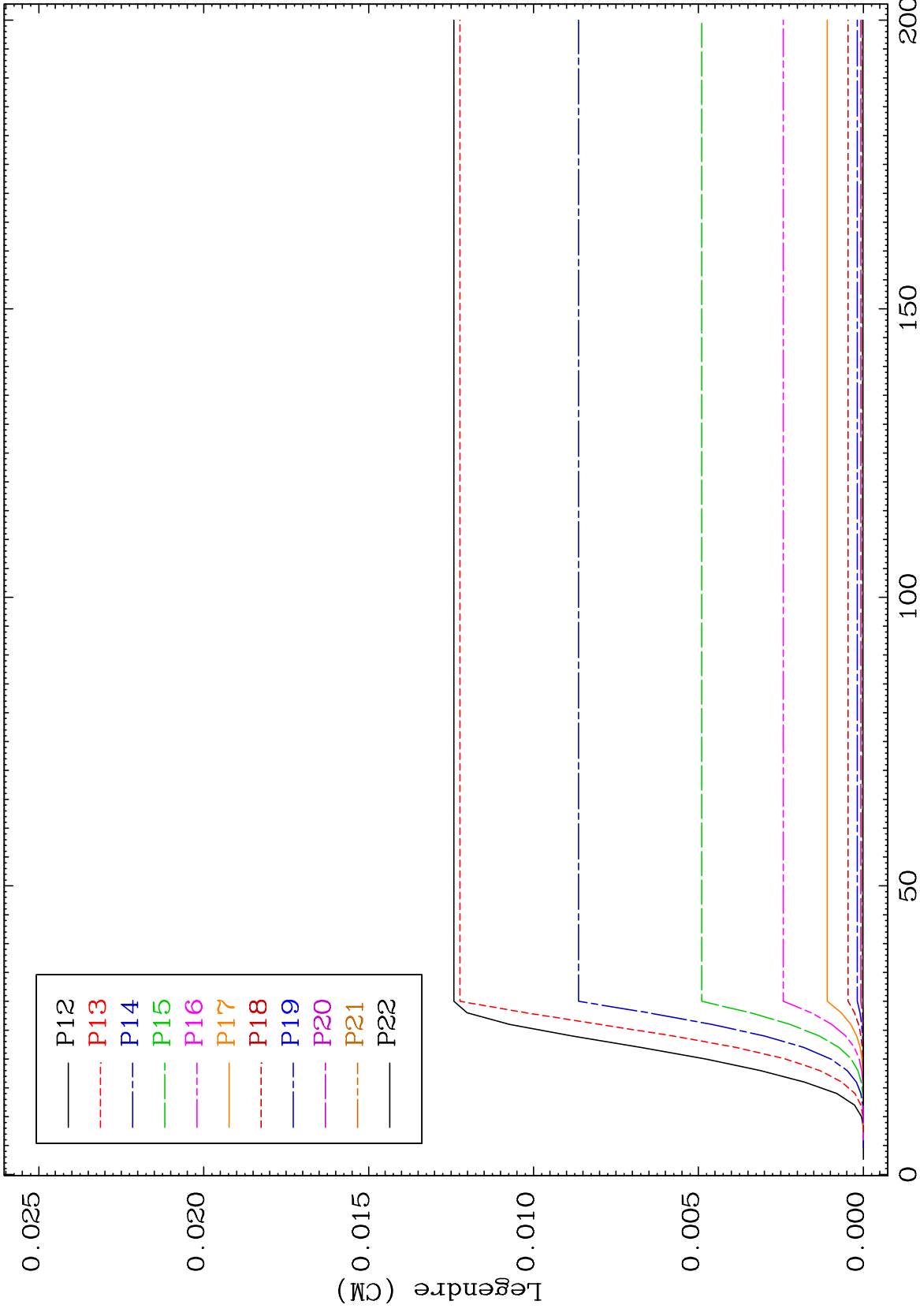
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



18

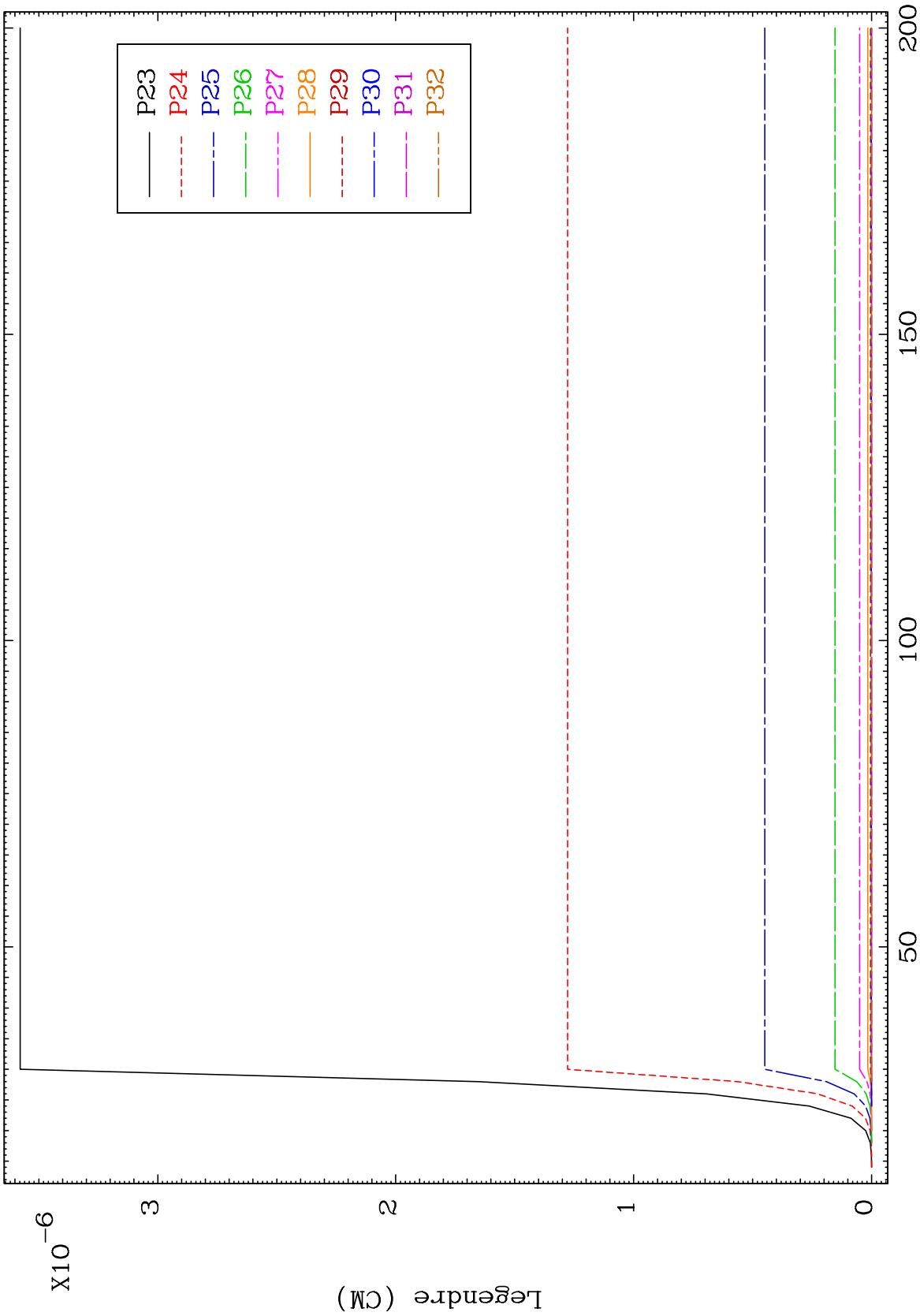
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



19

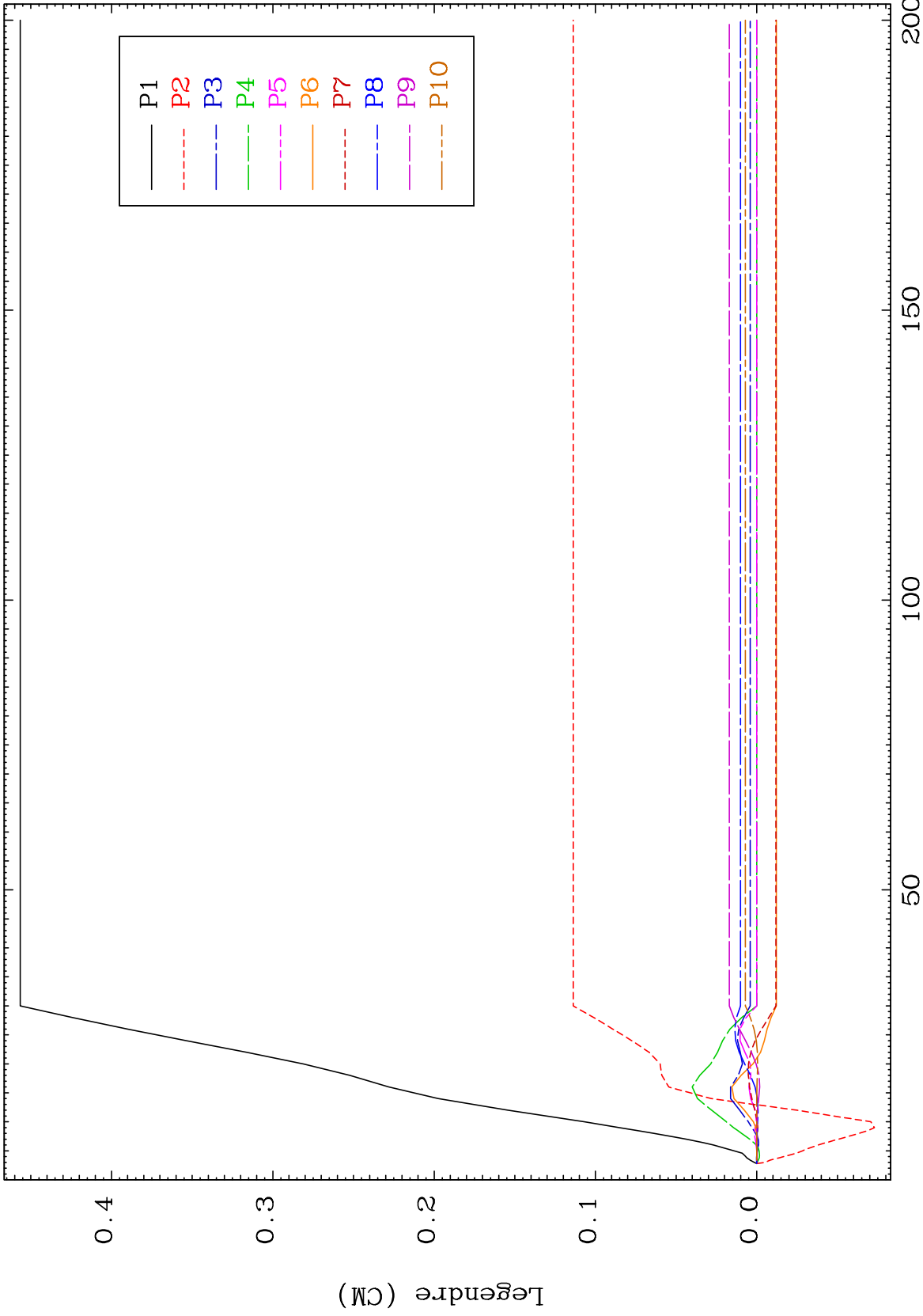
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

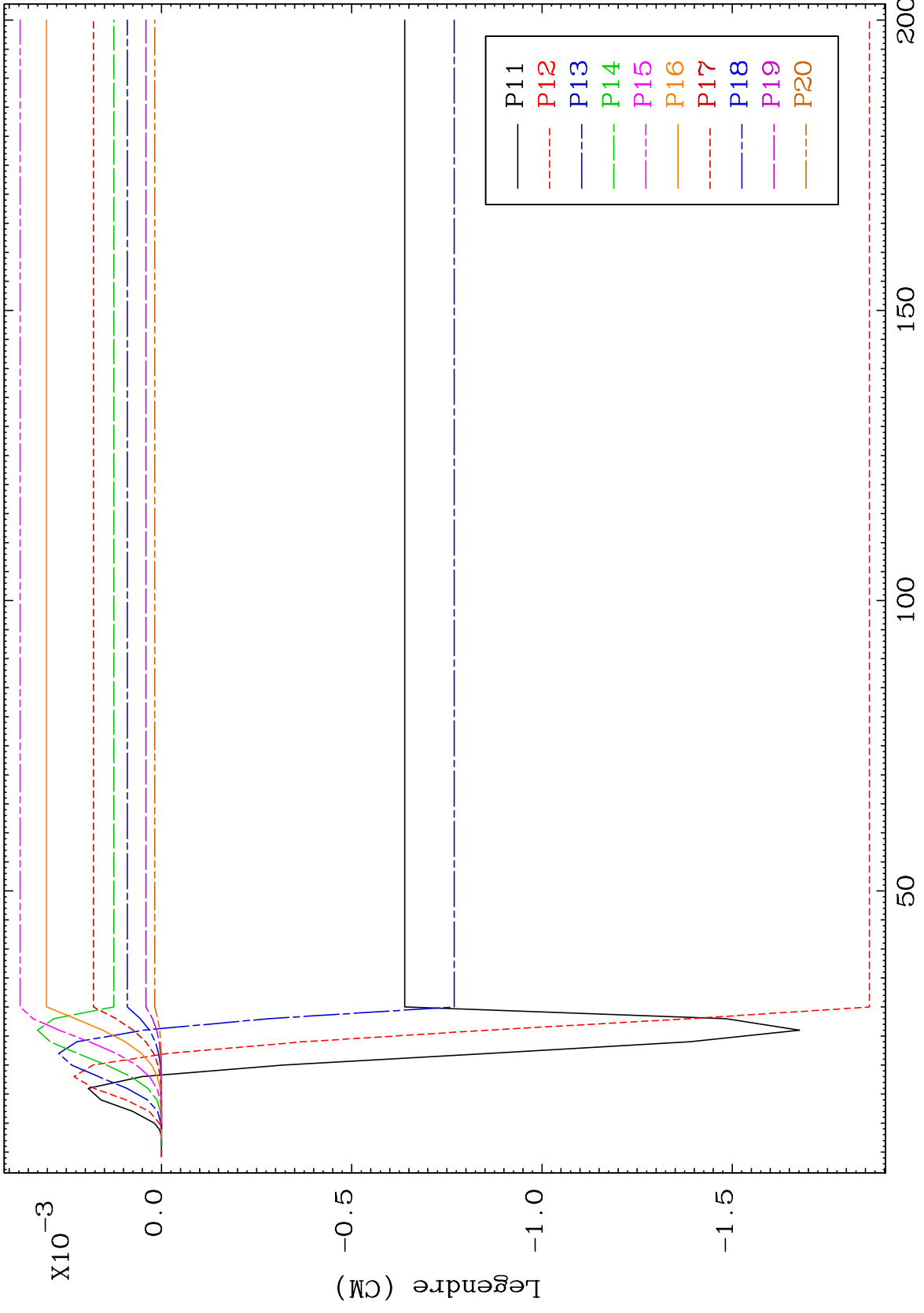


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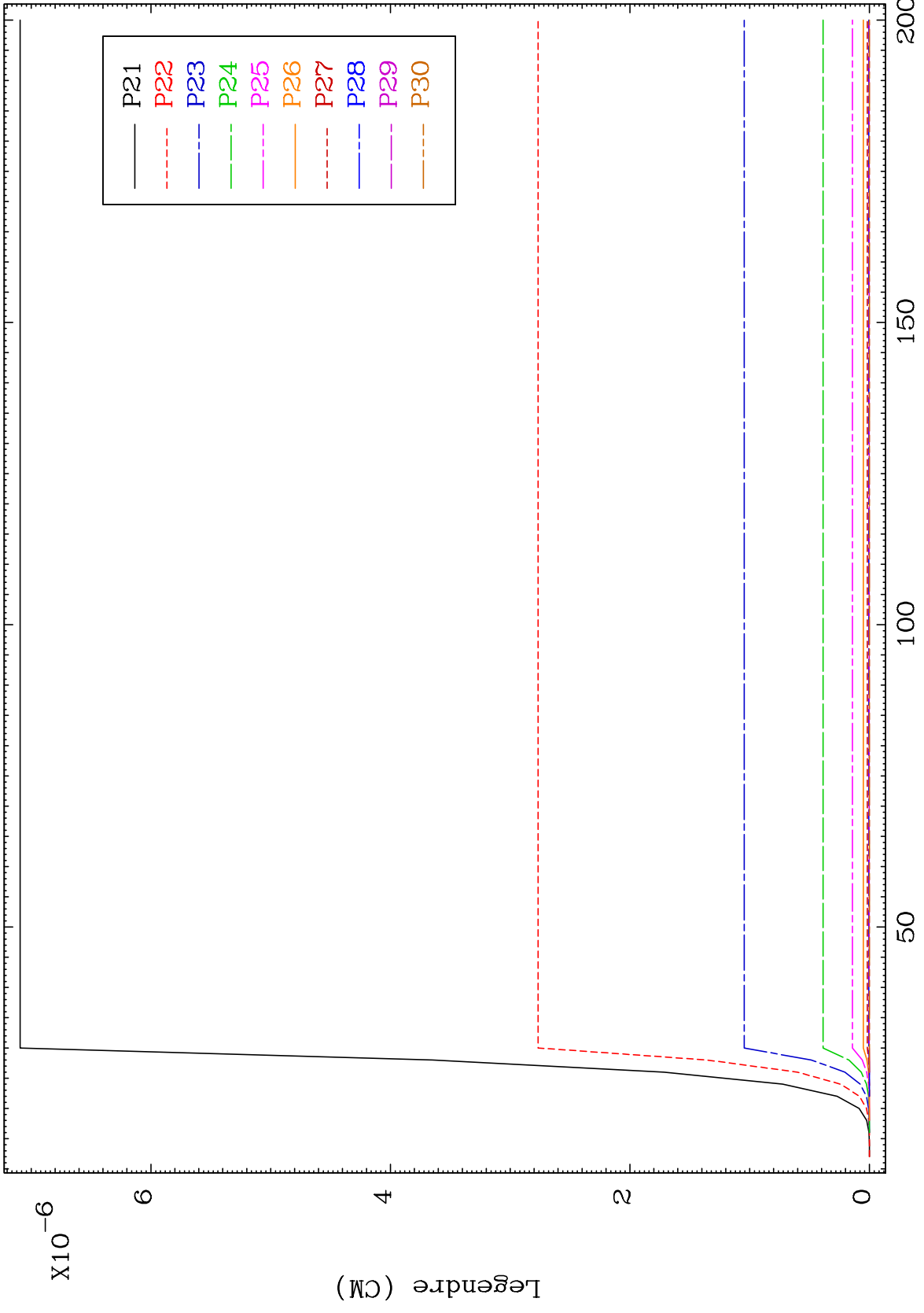
Incident Energy (MeV)

16-S -42

MAT 1655 MT= 52 (n,n') Level Legendre Coefficients 16-S -42



MAT 1655 MT= 52 (n,n') Level Legendre Coefficients 16-S -42

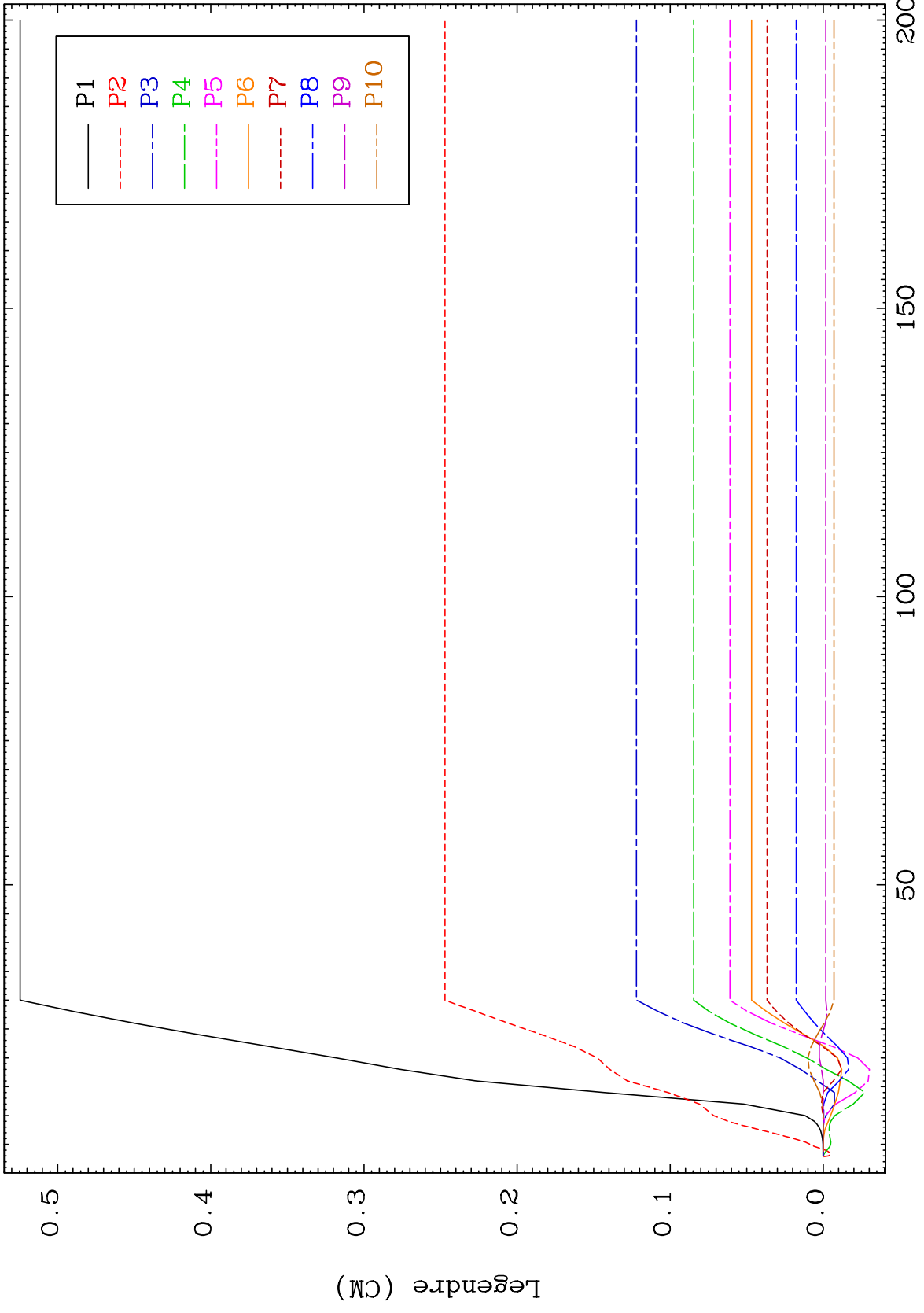


22 50 100 150 200 16-S -42

MAT 1655

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

16-S -42



23

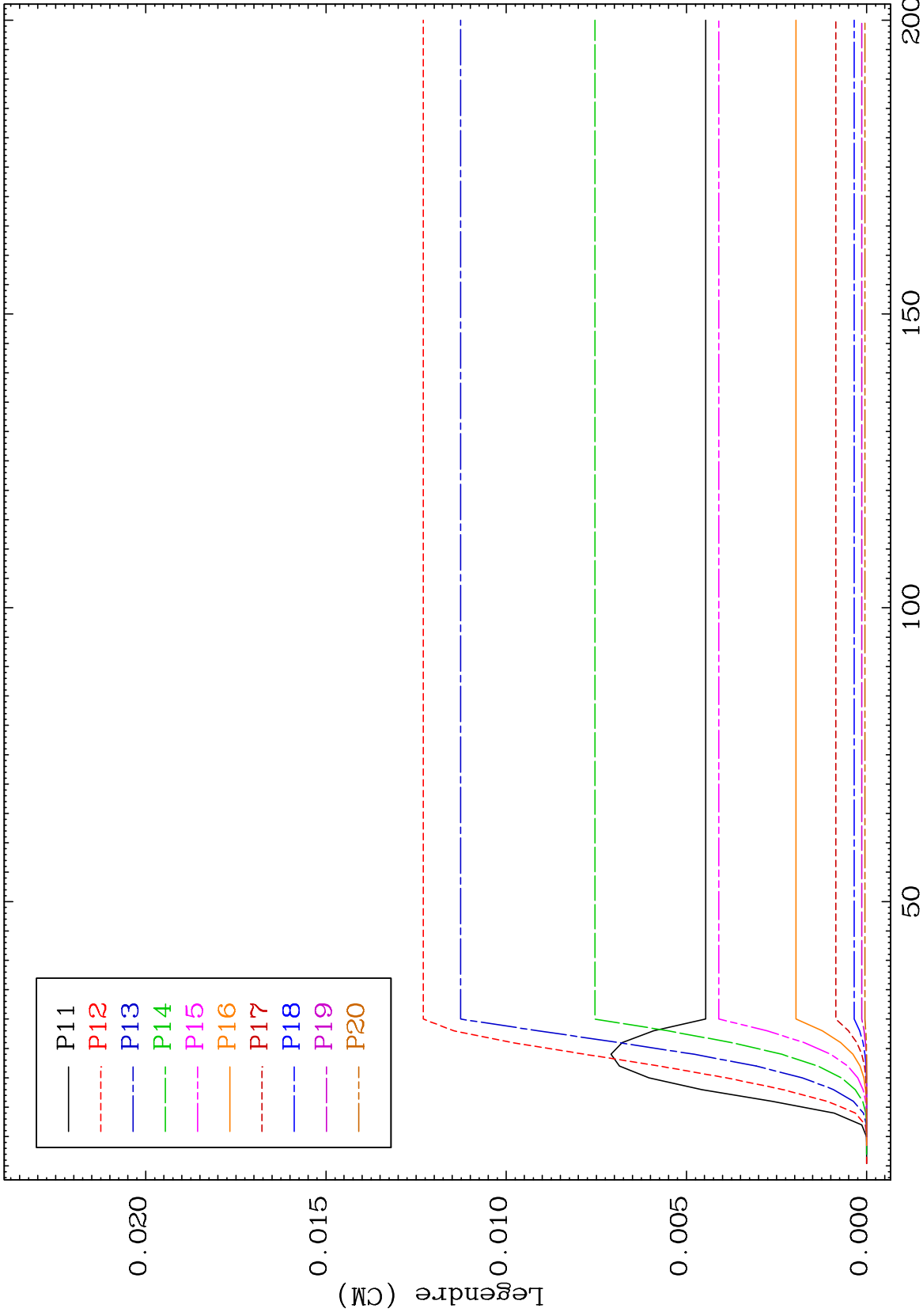
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



24

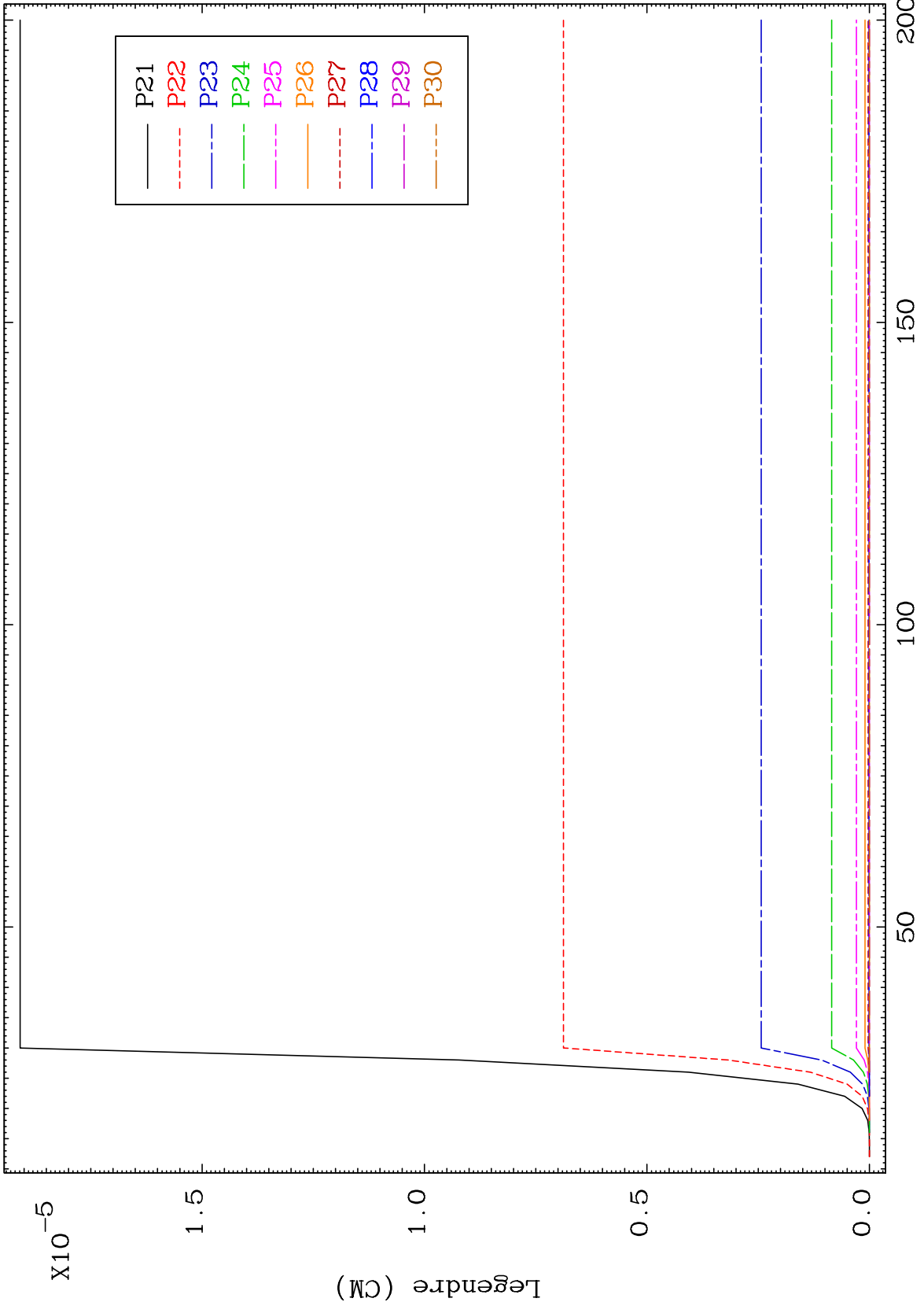
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

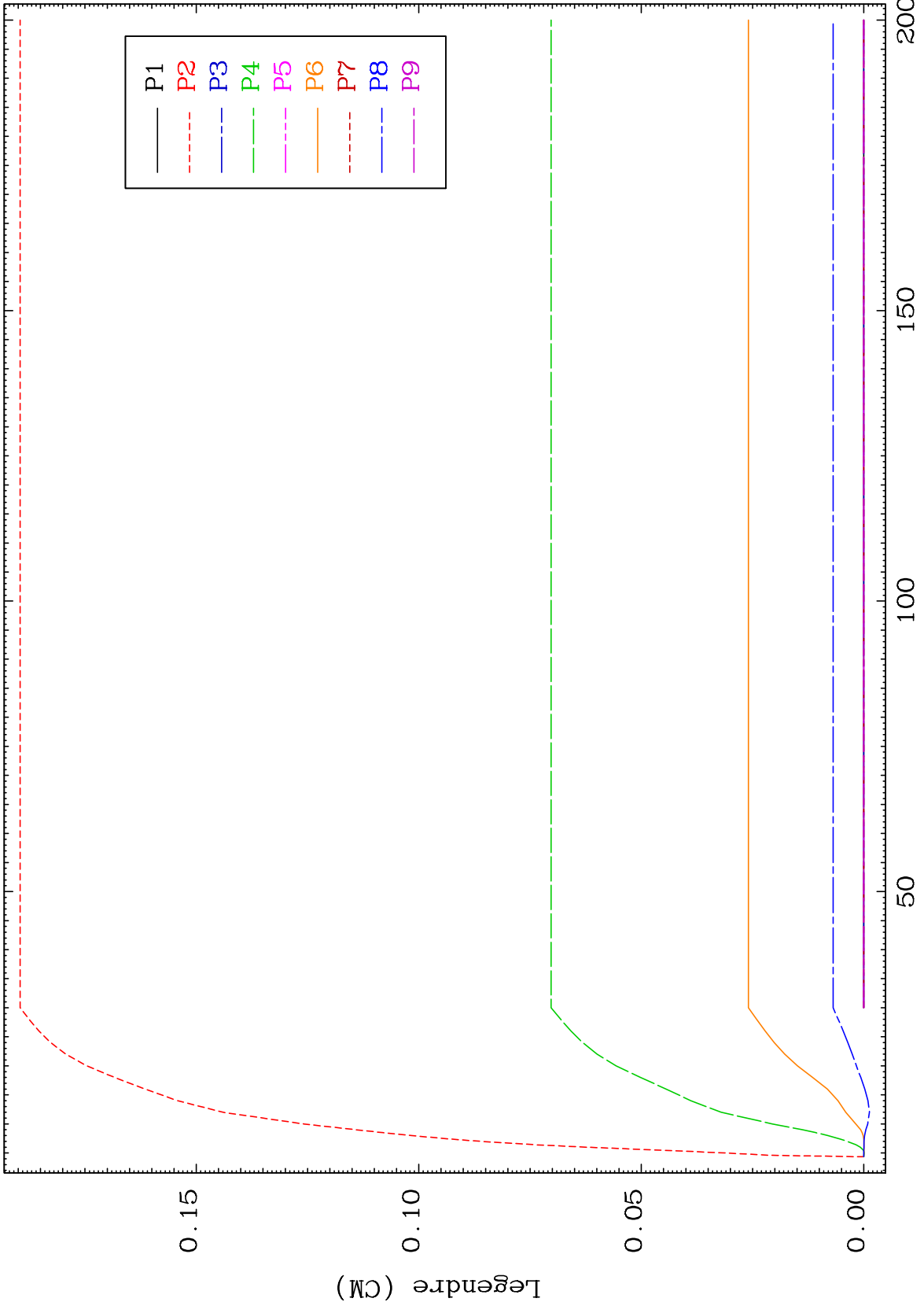


25

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 54 (n,n') Level Legendre Coefficients 16-S -42

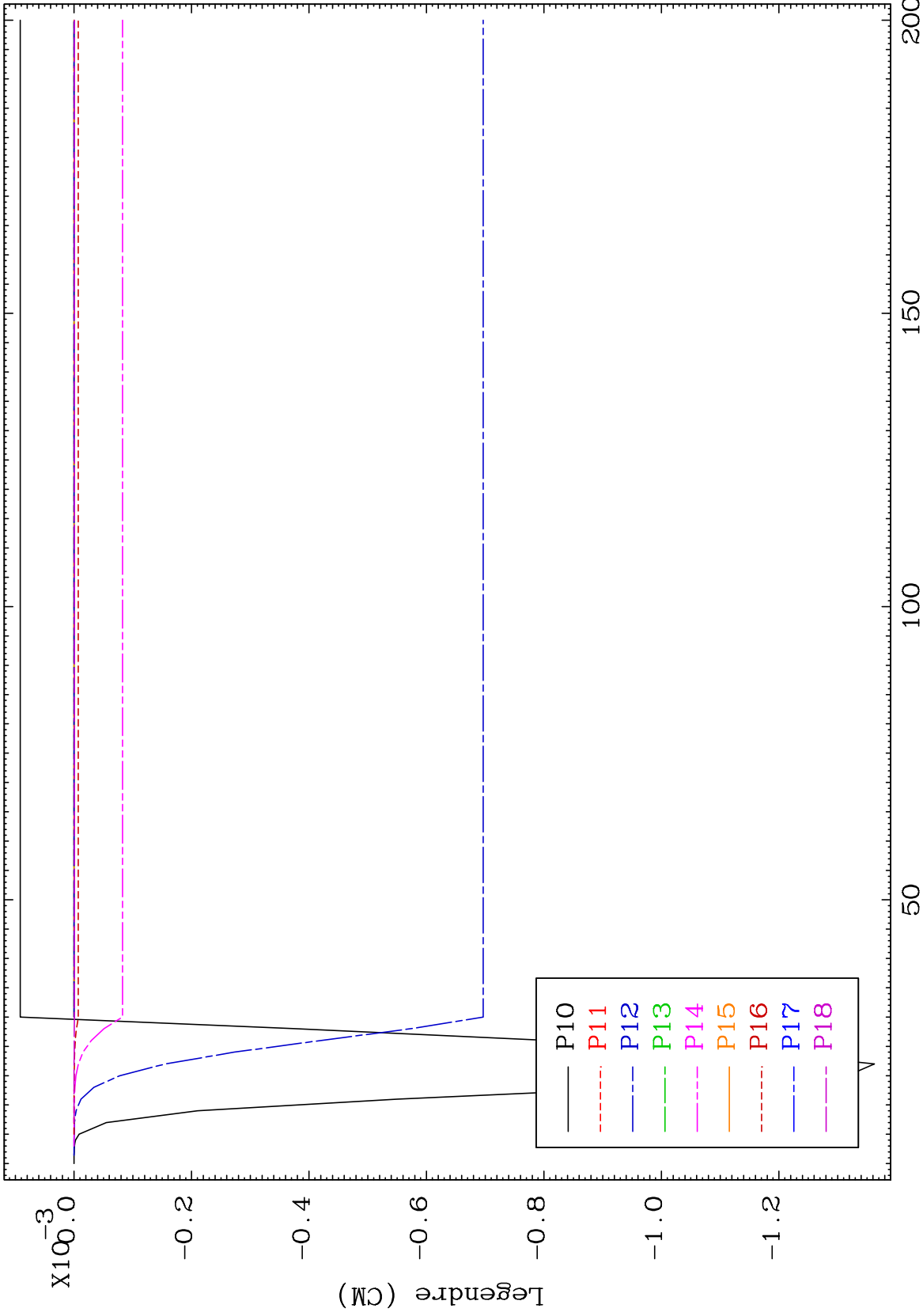


26 Incident Energy (MeV) 16-S -42

MAT 1655

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

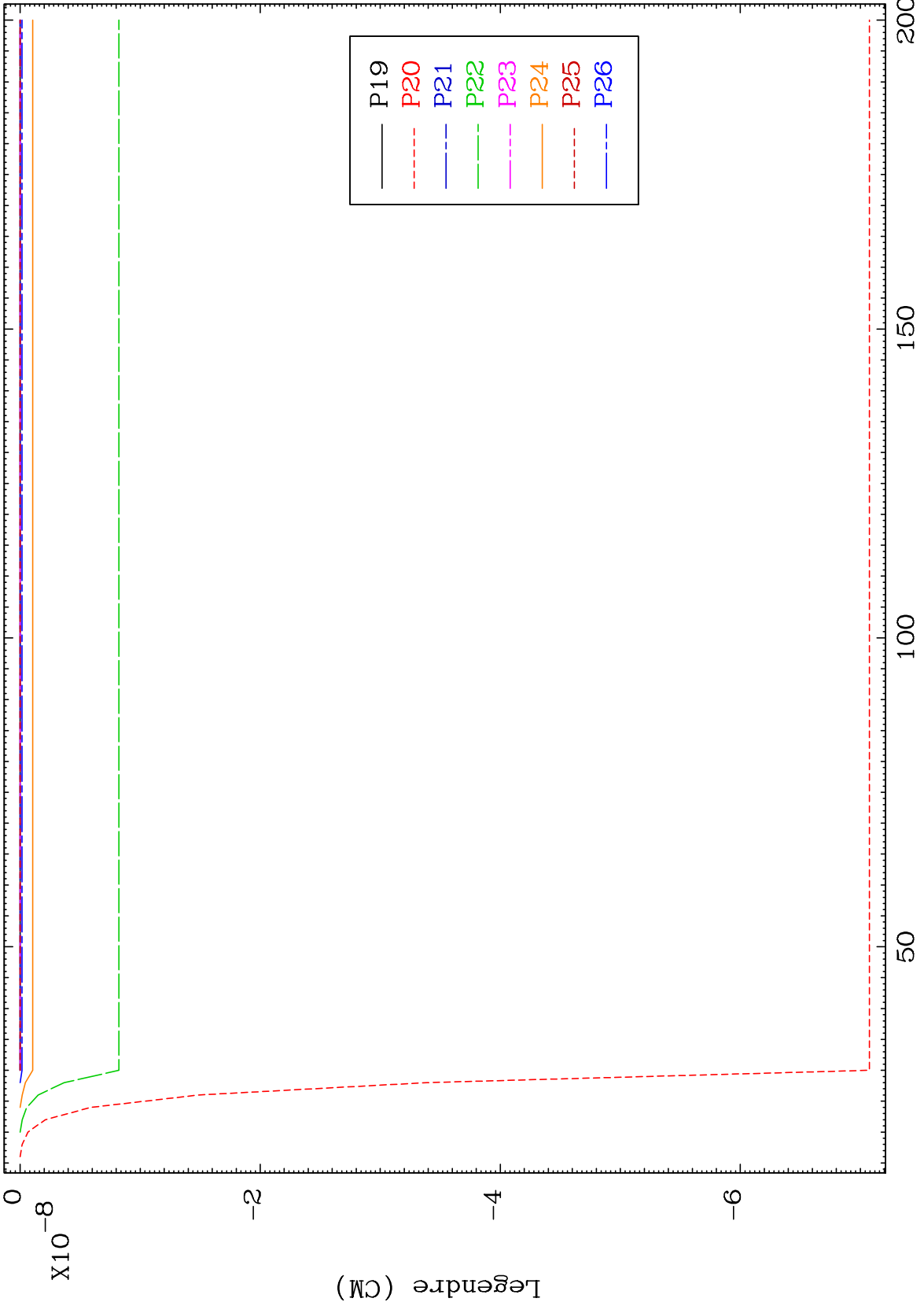
16-S -42



27

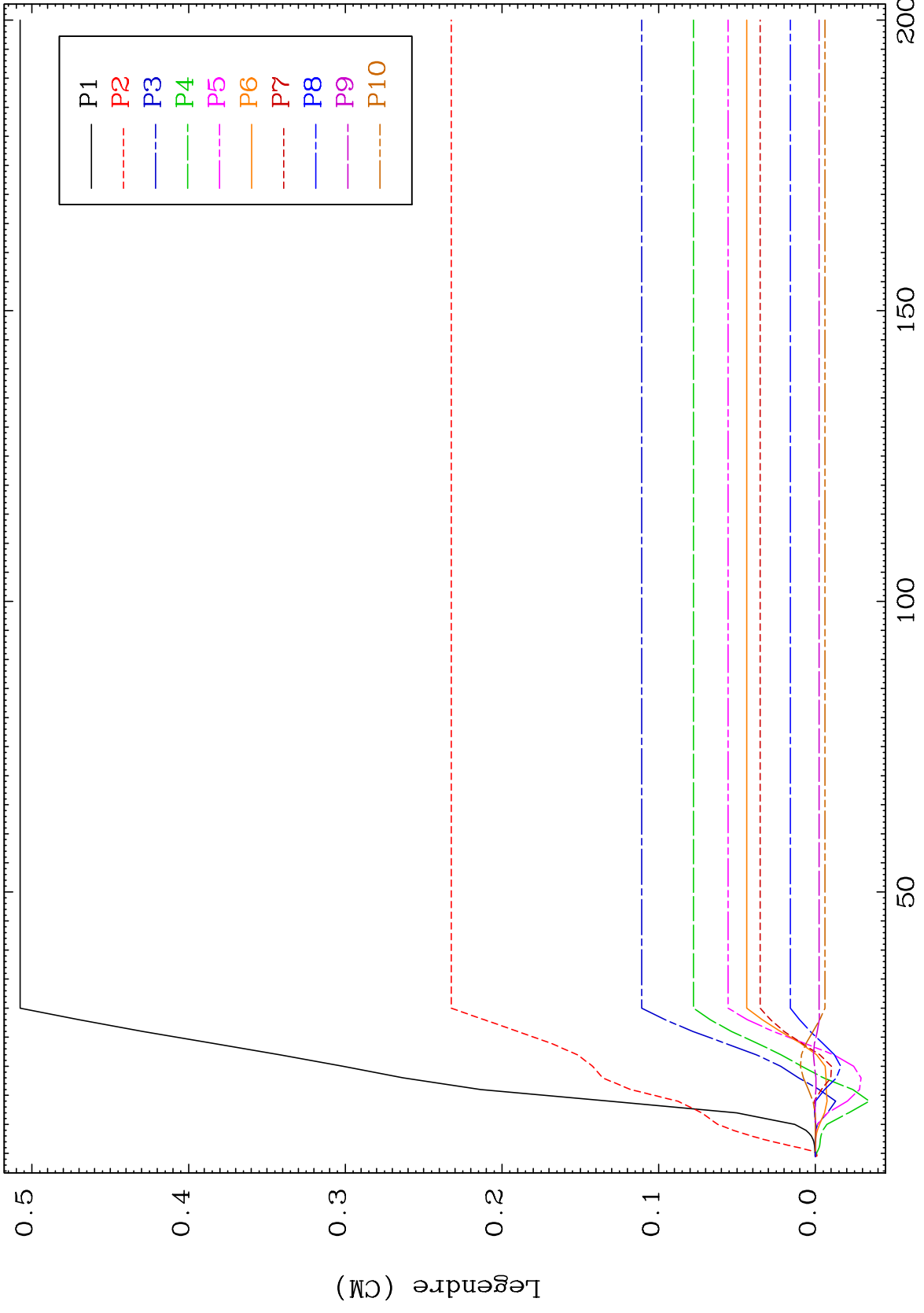
16-S -42

MAT 1655 MT= 54 (n,n') Level Legendre Coefficients 16-S -42



28 50 100 150 200 16-S -42

MAT 1655 MT= 55 (n,n') Level Legendre Coefficients 16-S -42

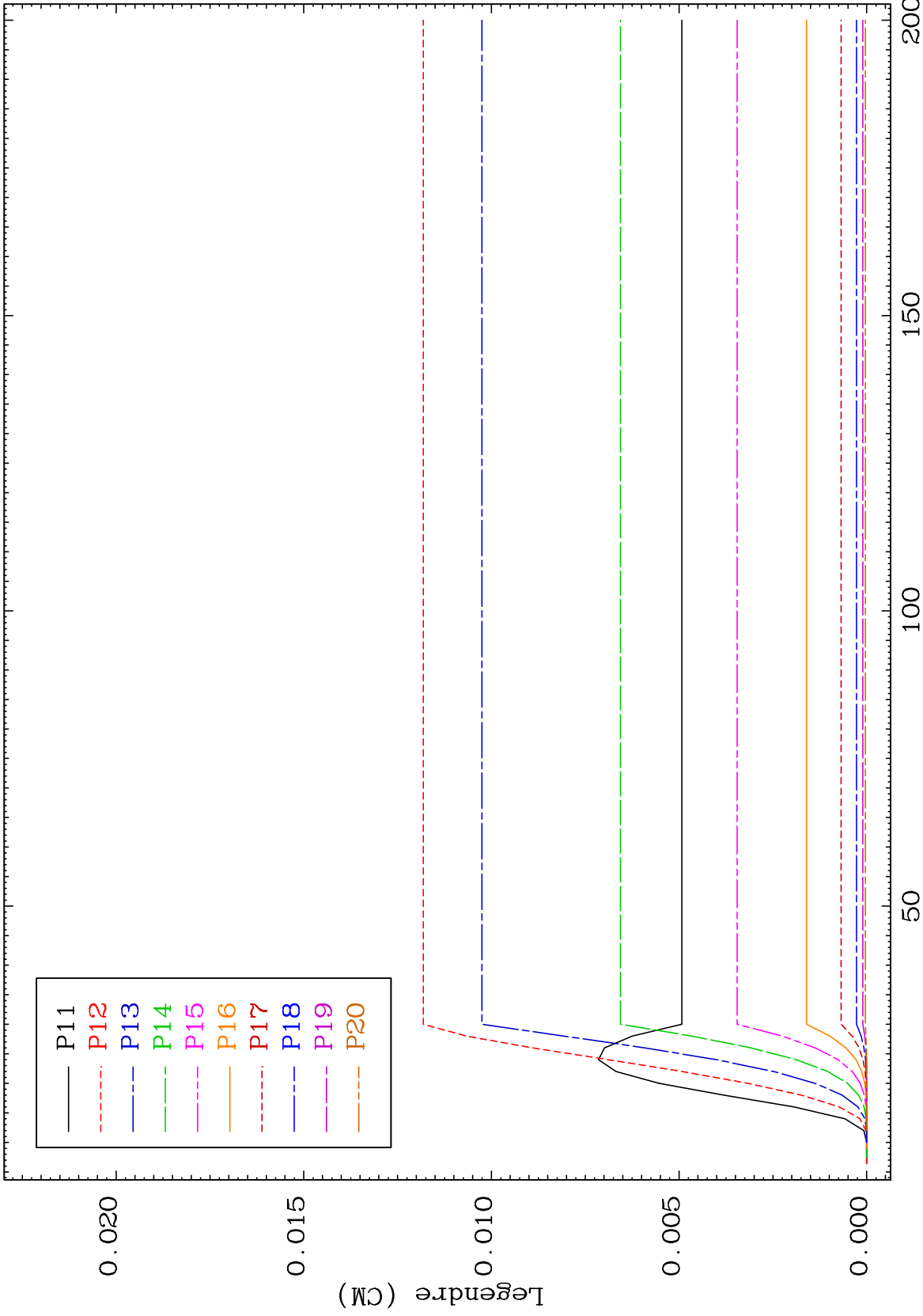


29 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



30

Incident Energy (MeV)

50

100

150

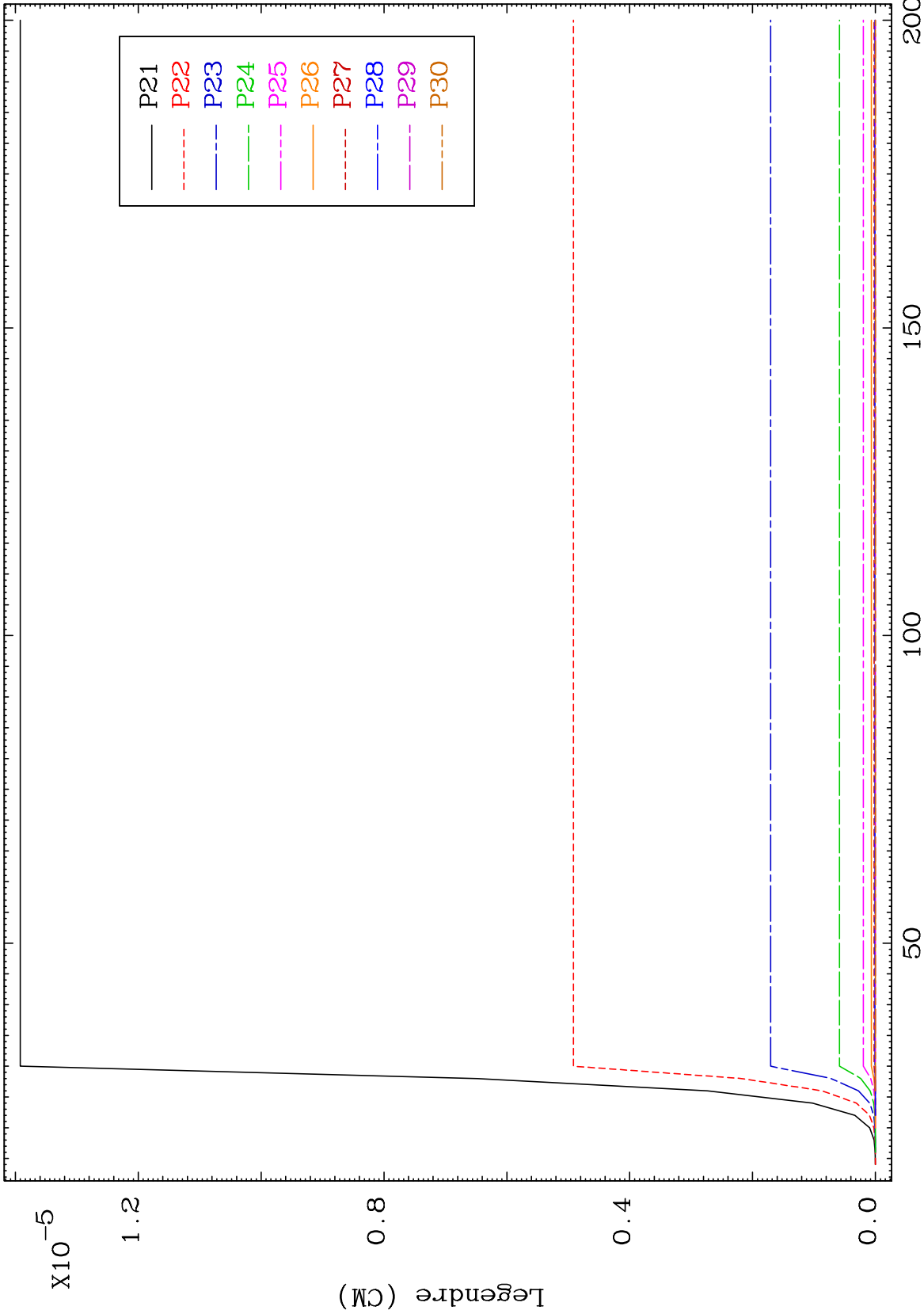
200

16-S -42

MAT 1655

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

16-S -42



31

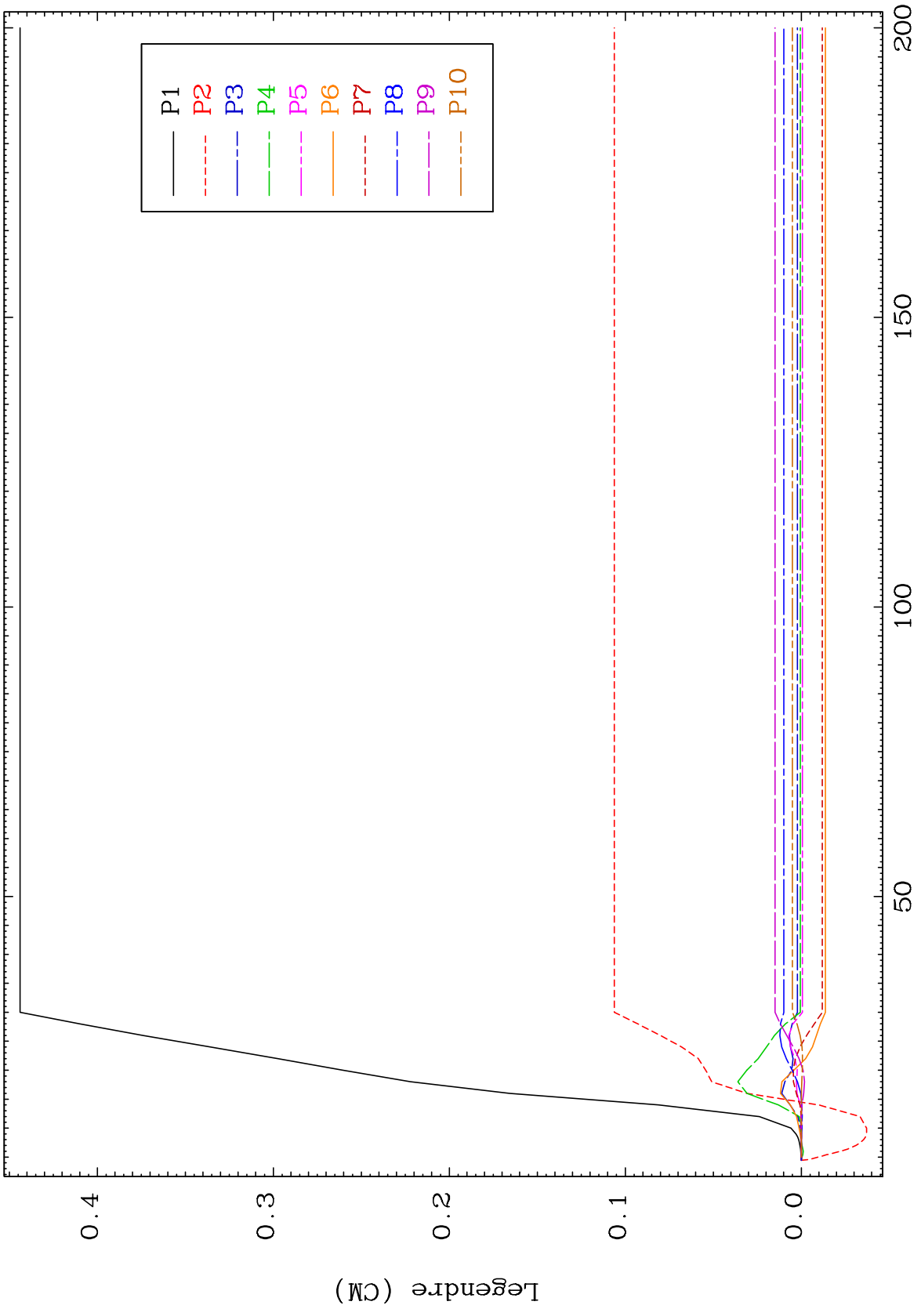
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



32

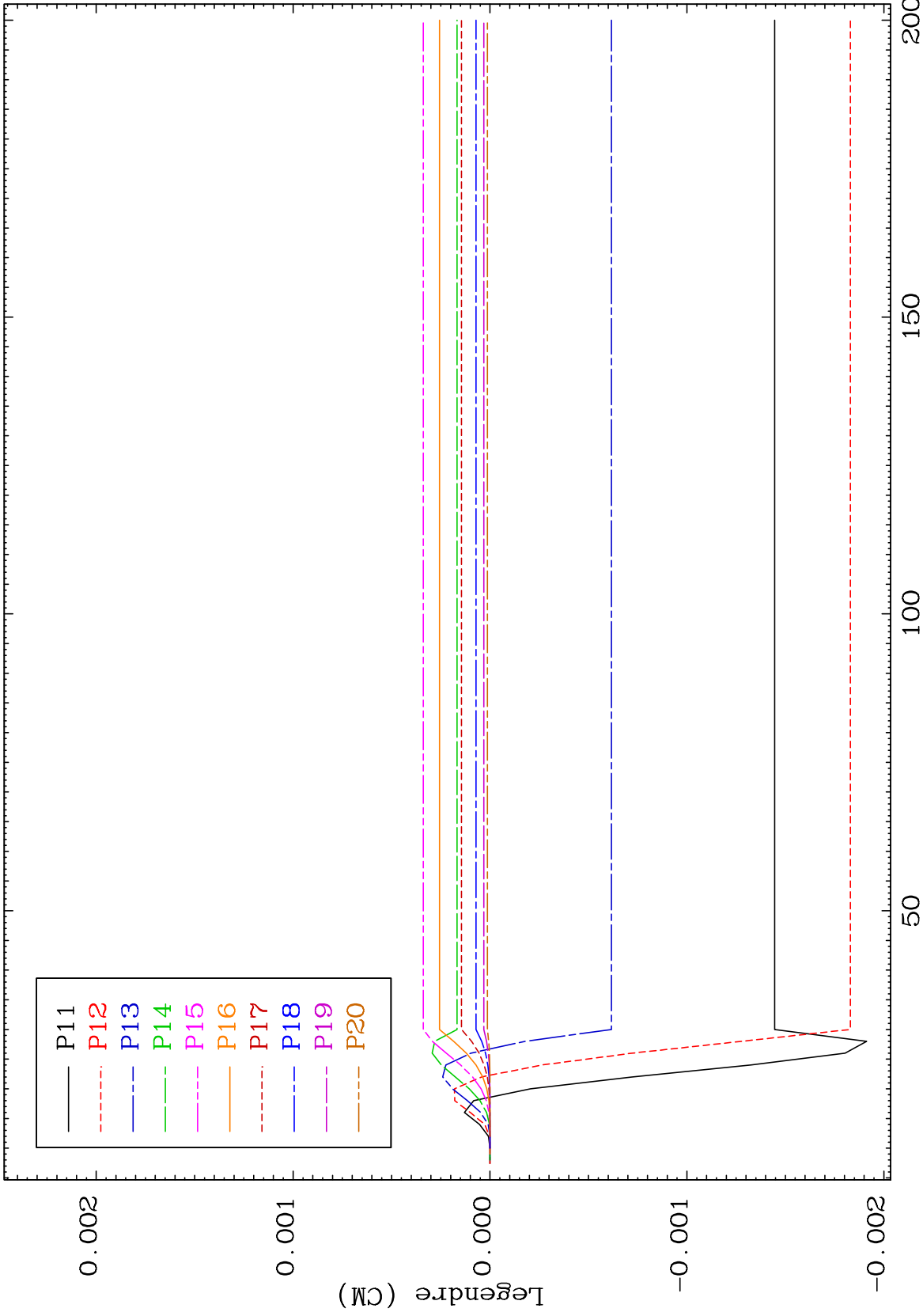
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



33

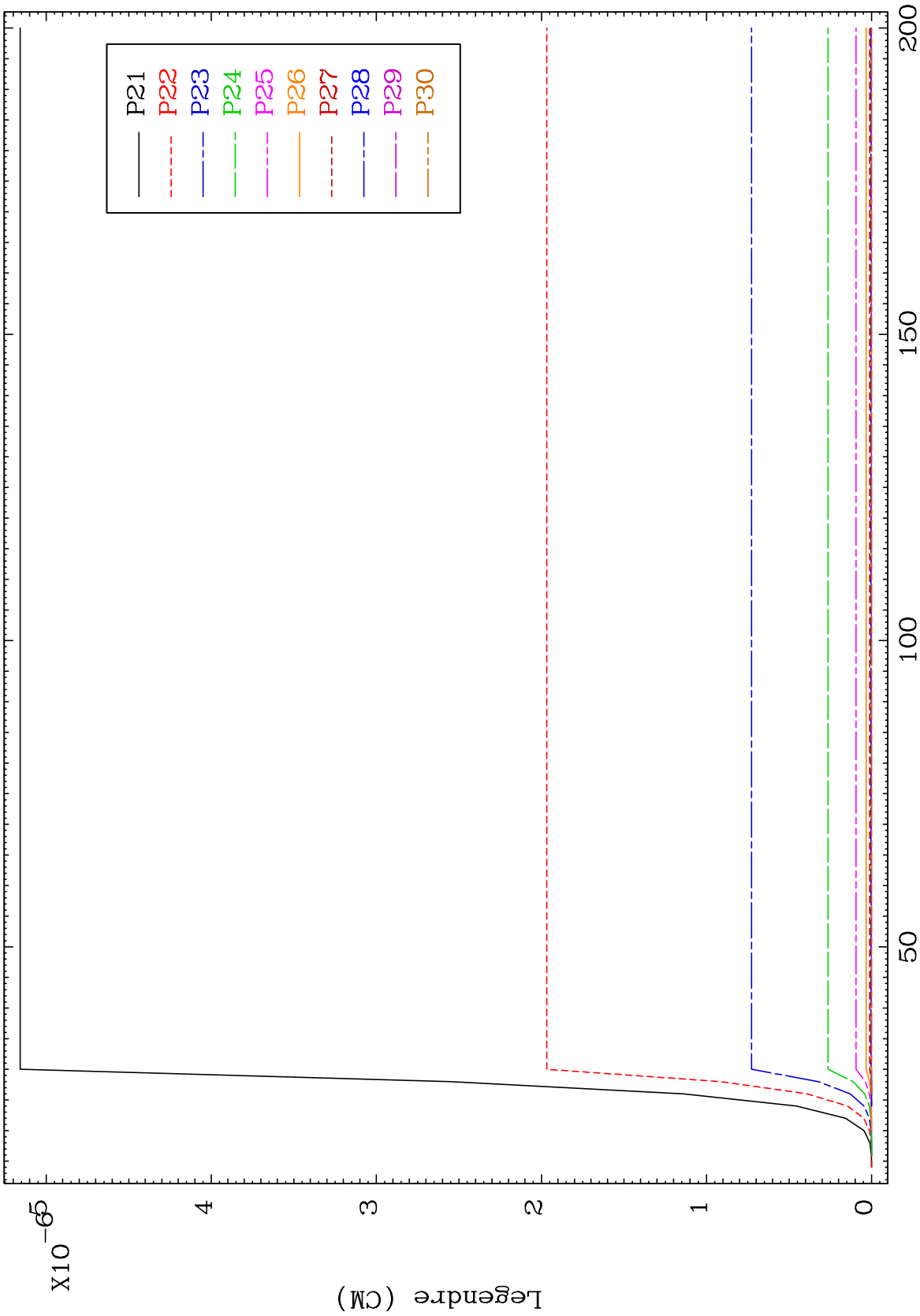
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

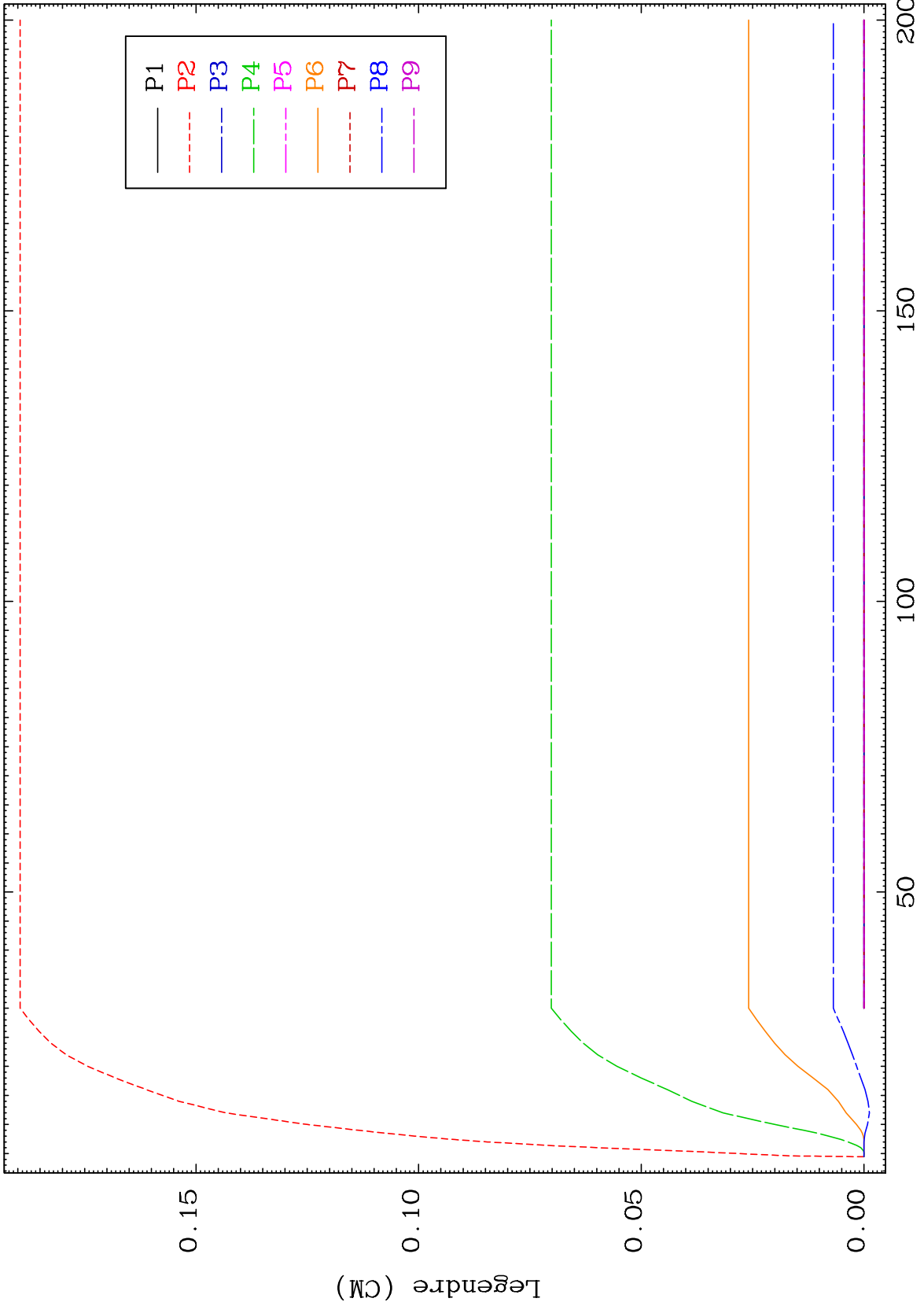


34

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 57 (n,n') Level Legendre Coefficients 16-S -42

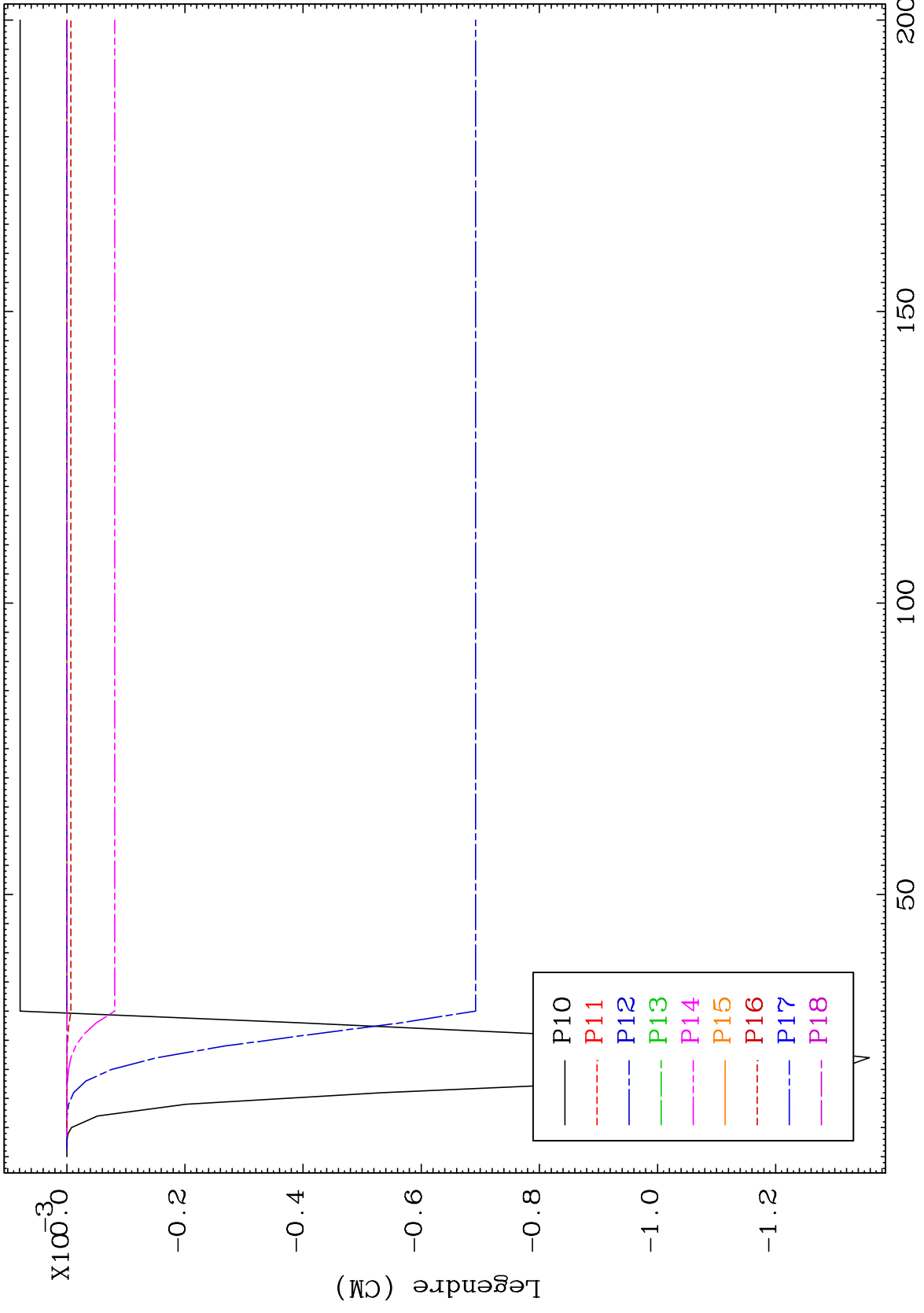


16-S -42

MAT 1655

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

16-S -42

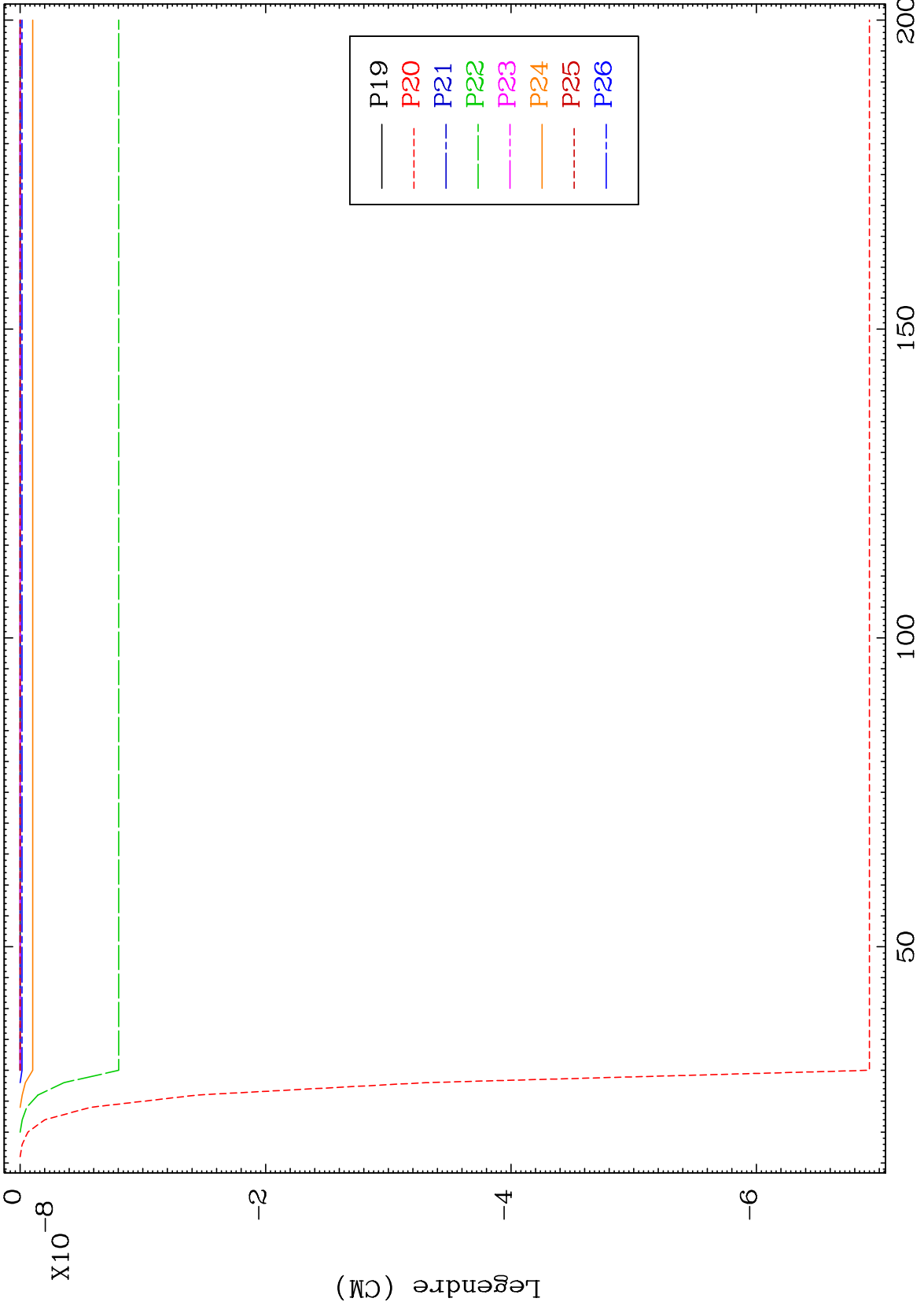


36

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 57 (n,n') Level Legendre Coefficients 16-S -42

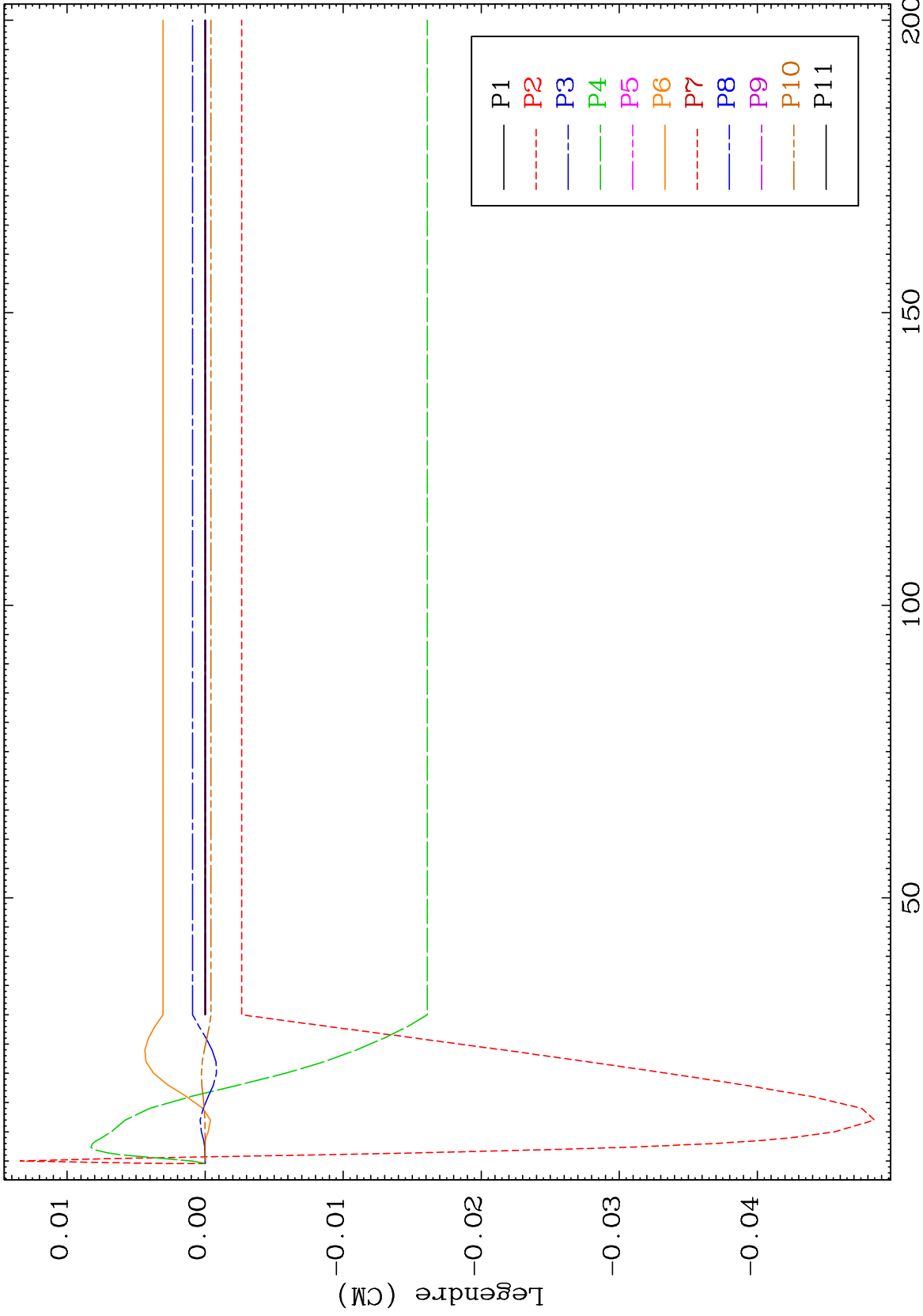


37 50 100 150 200 16-S -42

MAT 1655

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

16-S -42



38

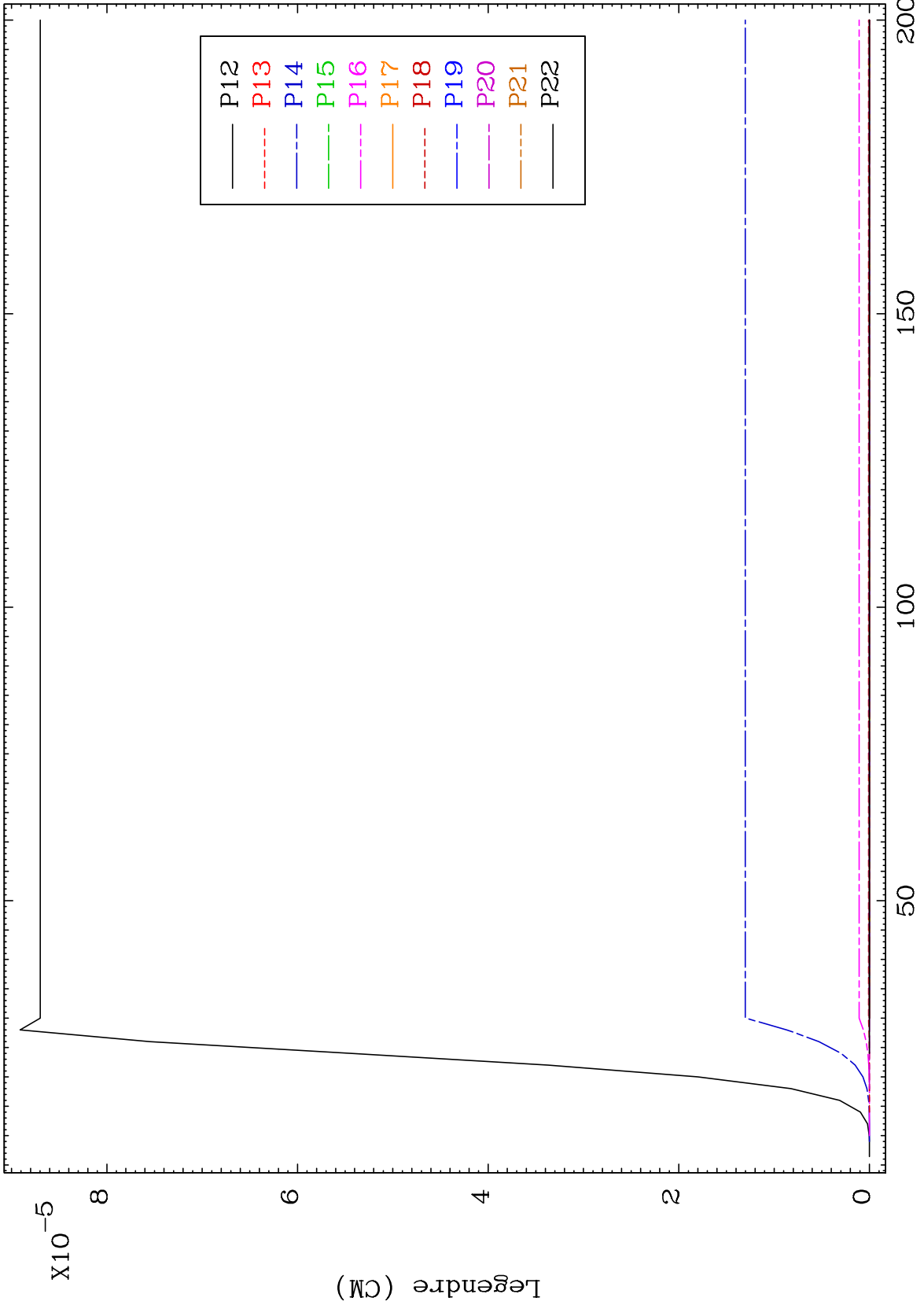
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

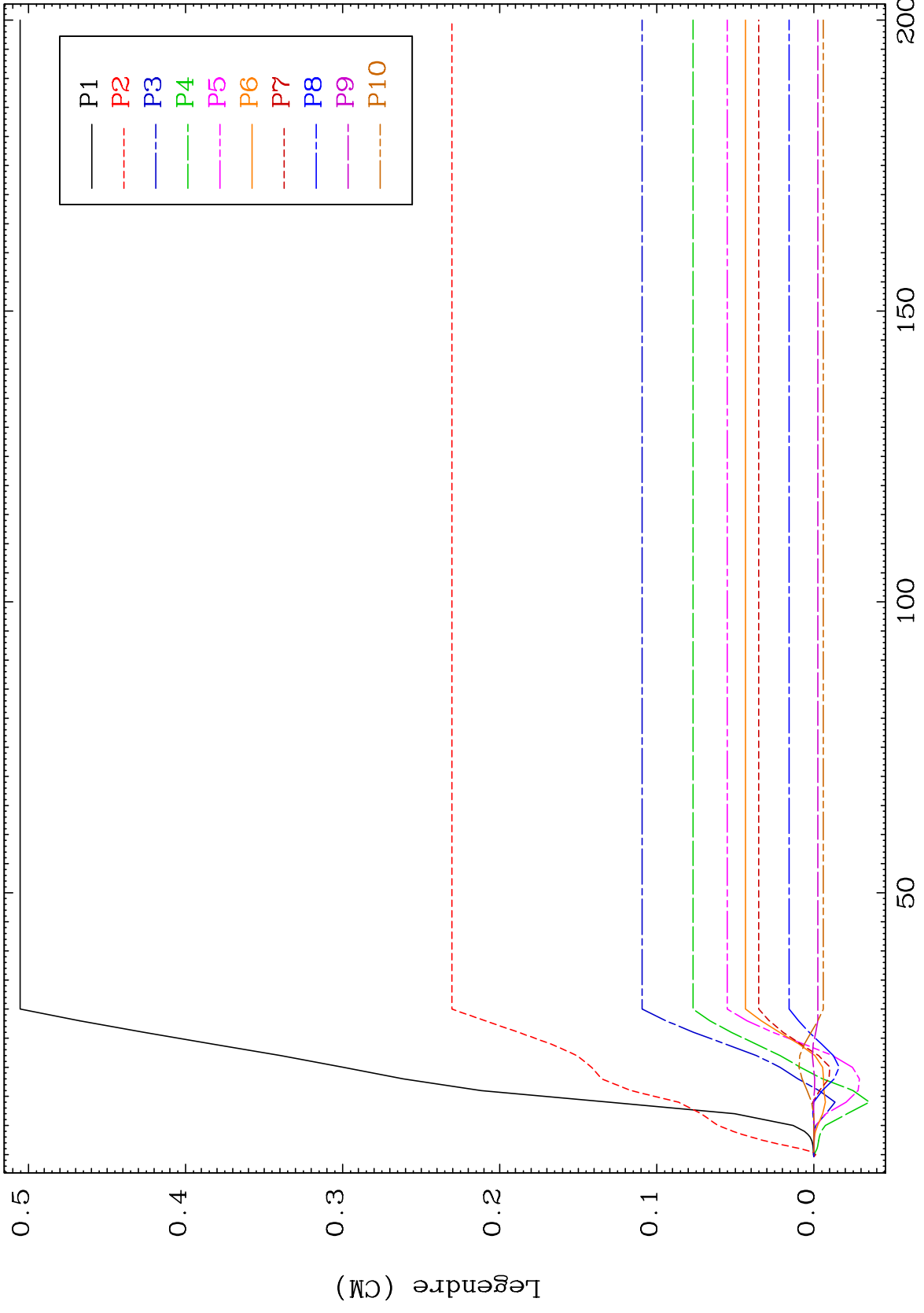


39

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 59 (n,n') Level Legendre Coefficients 16-S -42

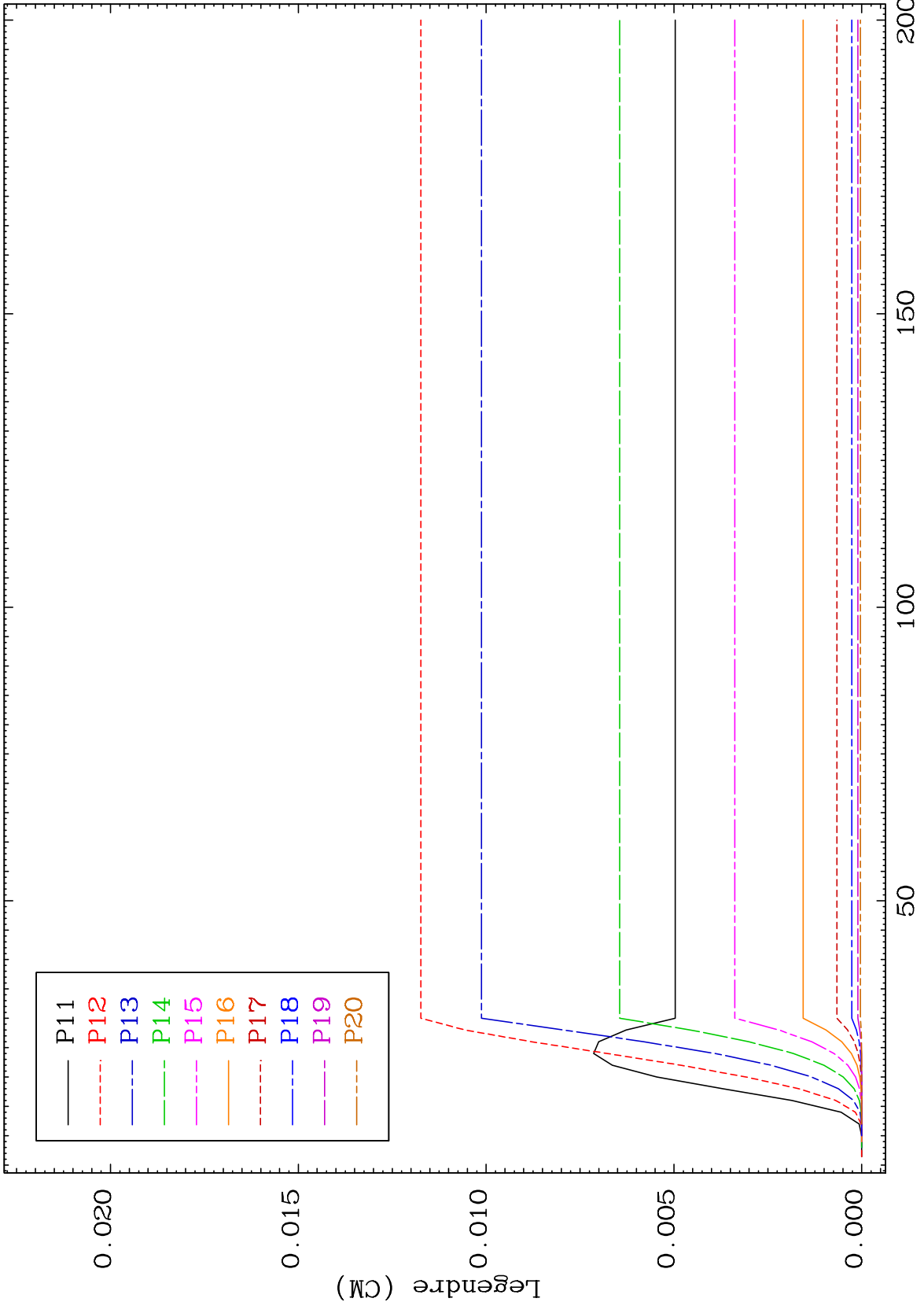


Legendre (CM) Incident Energy (MeV) 16-S -42

MAT 1655

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

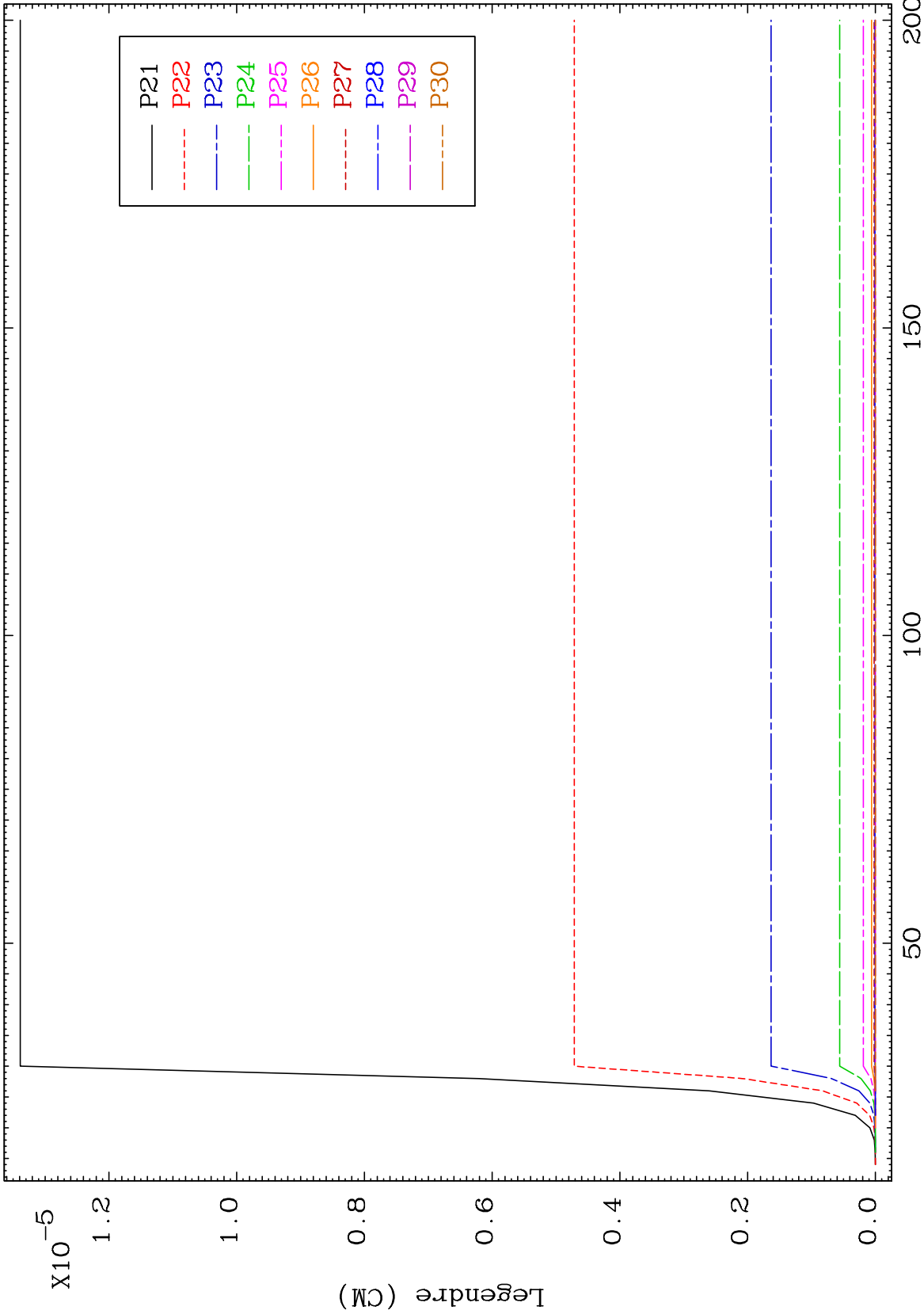
16-S -42



MAT 1655

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

16-S -42



42

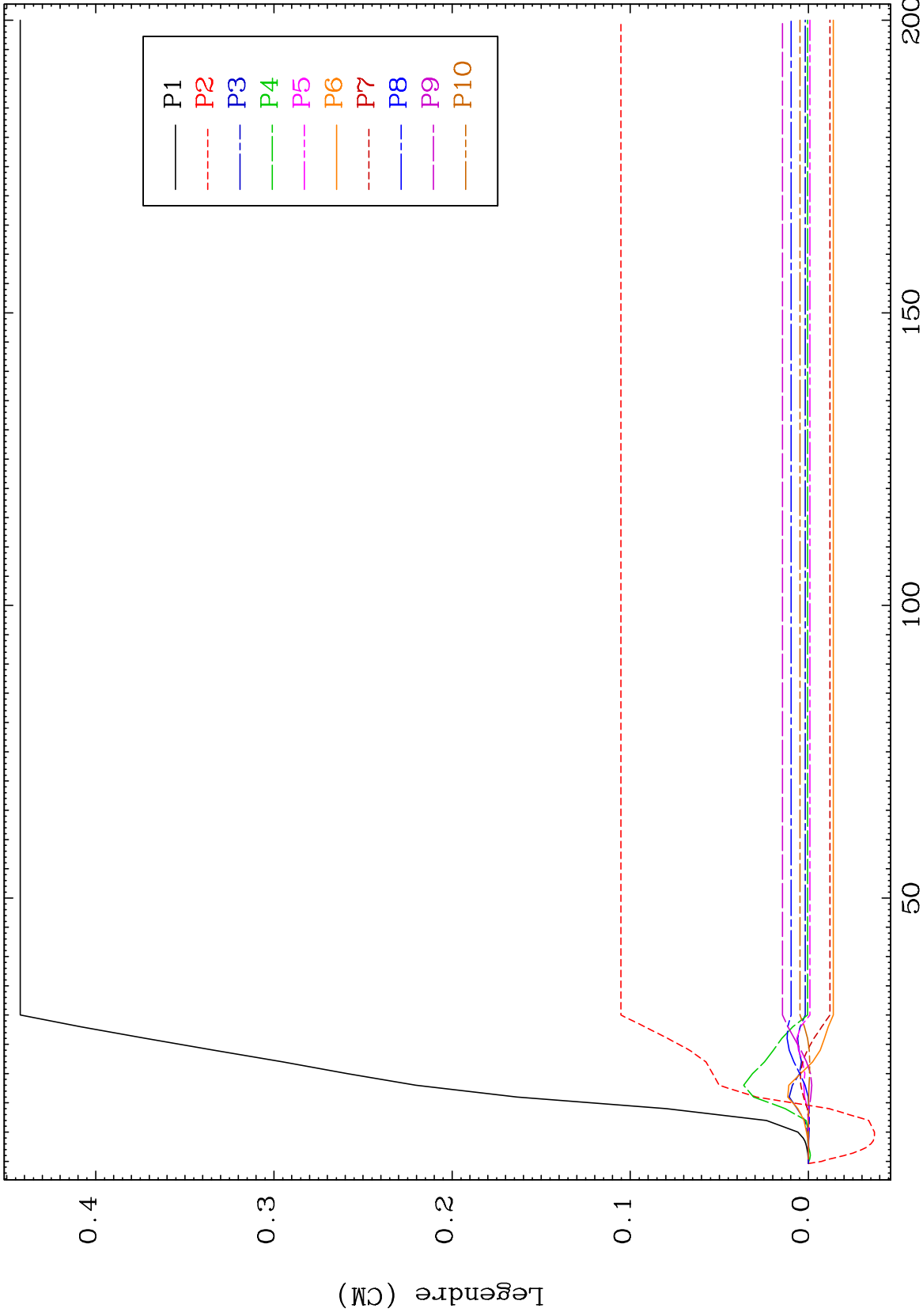
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



43

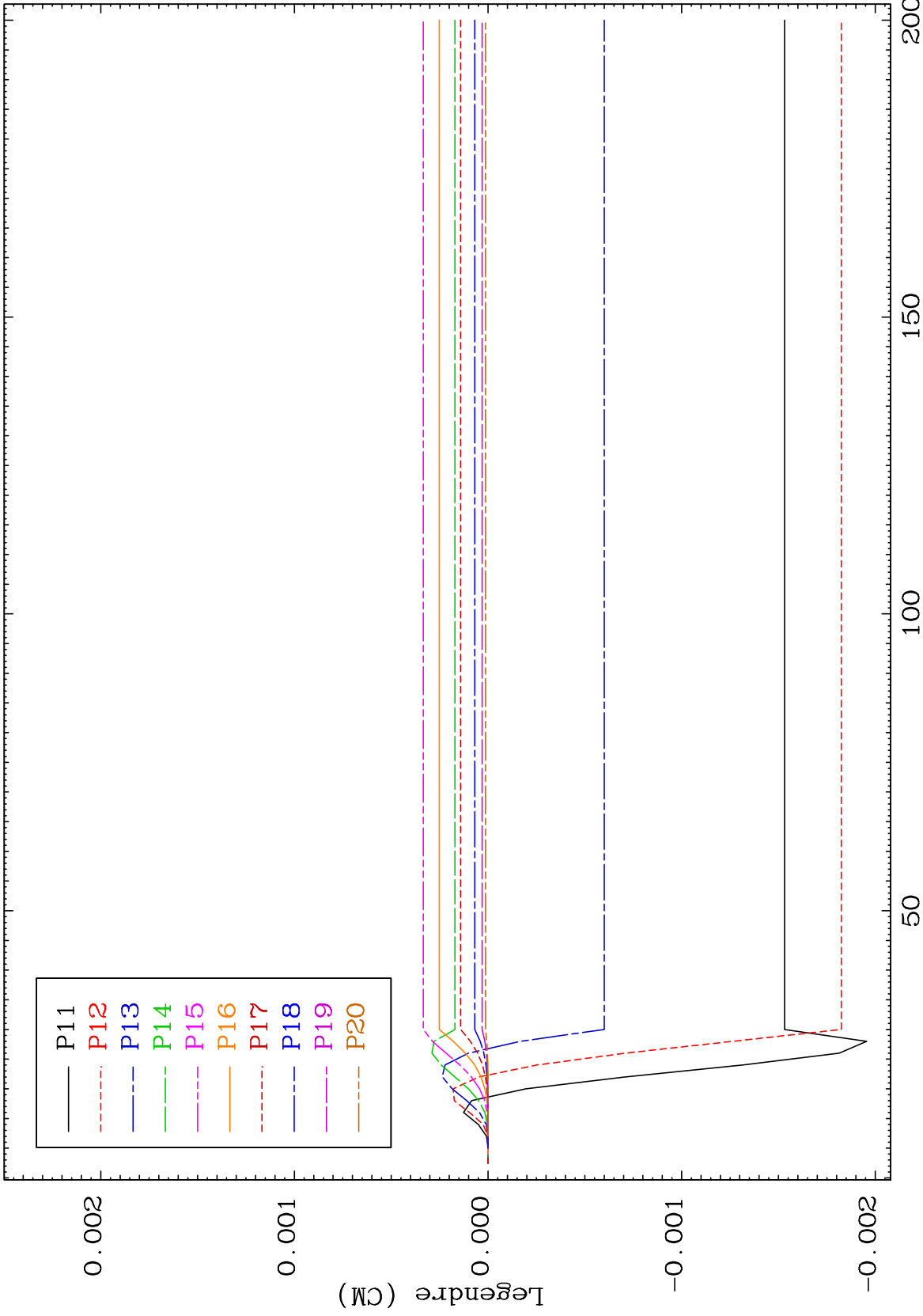
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



44

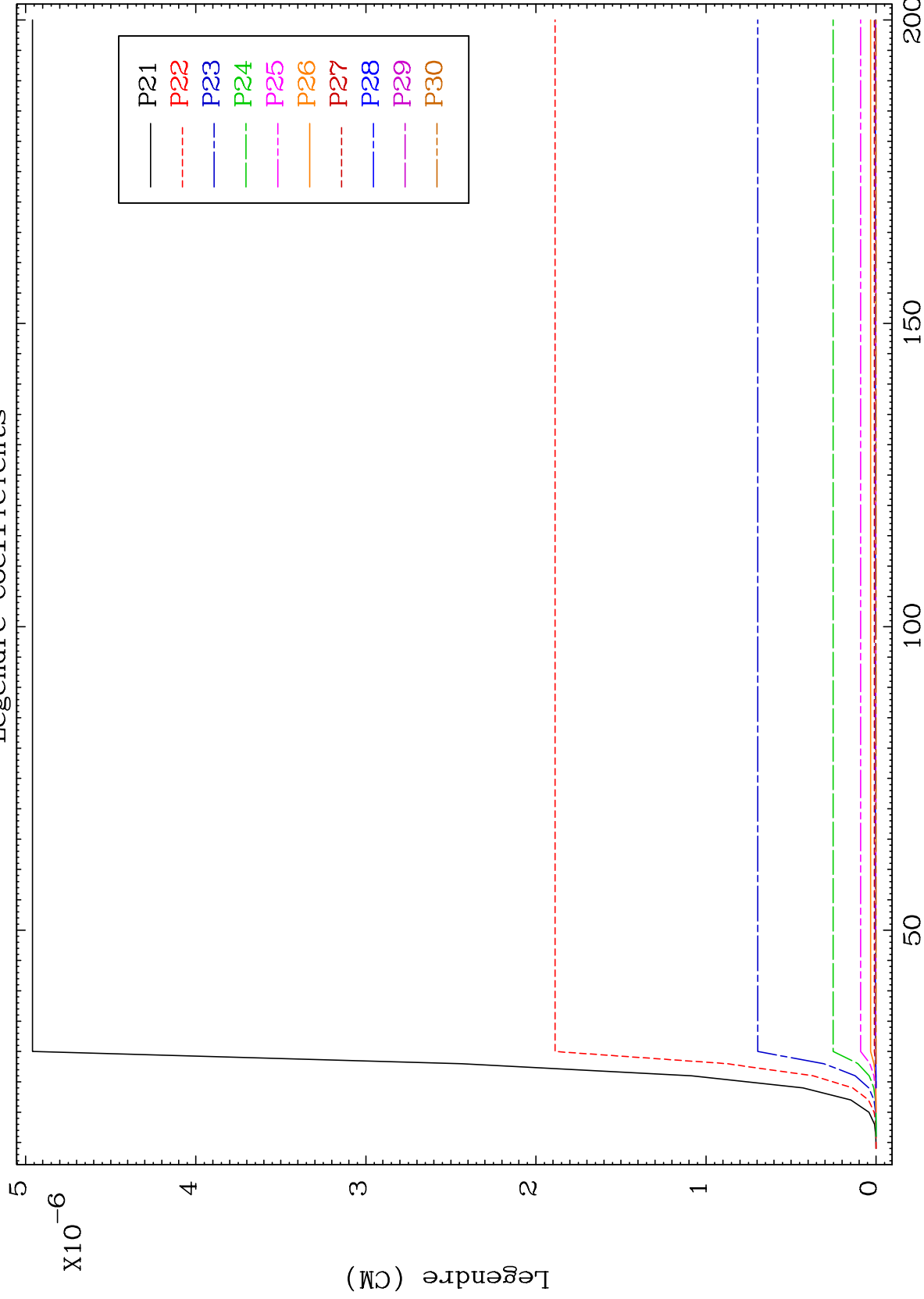
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

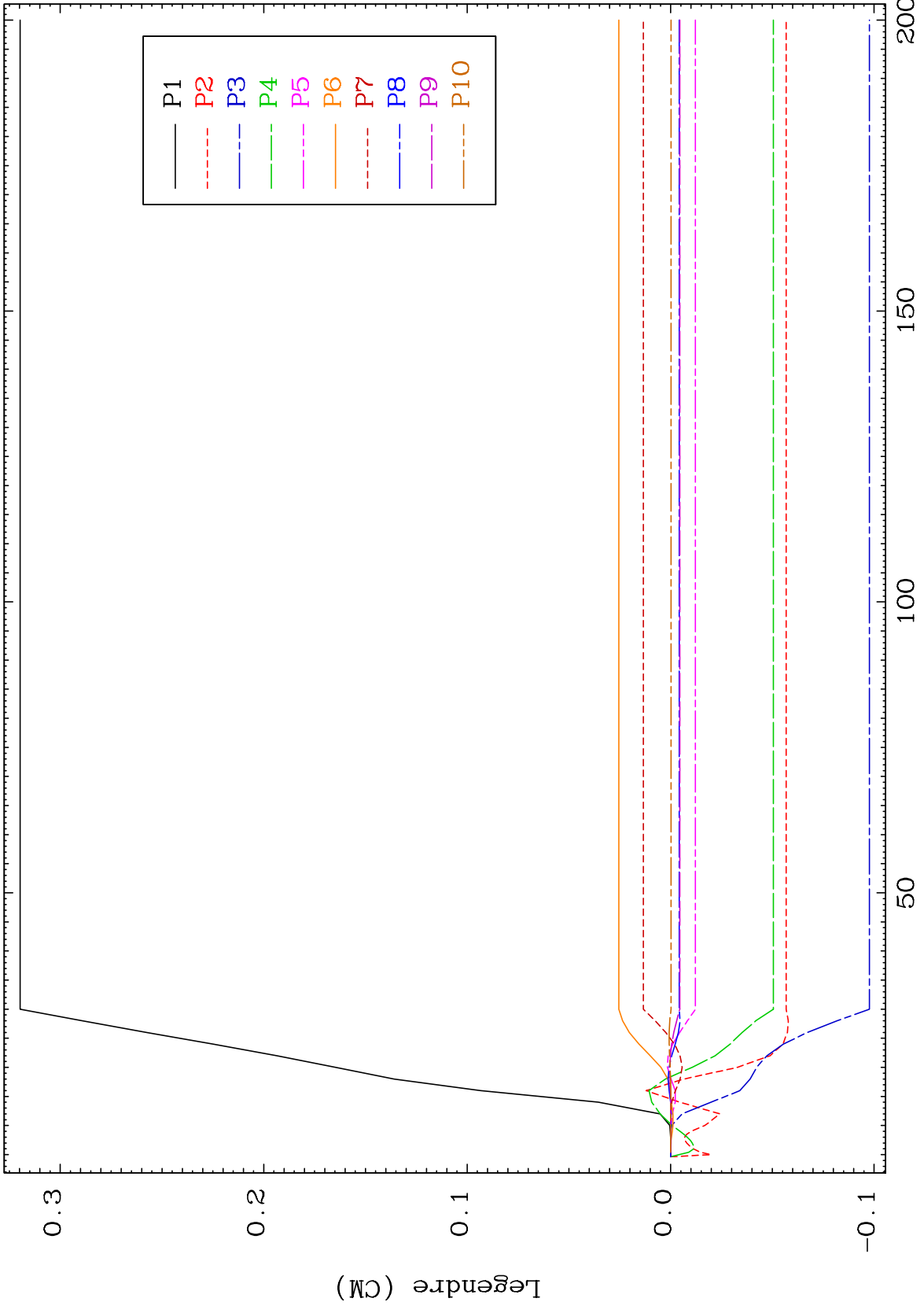


16-S -42

Incident Energy (MeV)

45

MAT 1655 MT= 61 (n,n') Level Legendre Coefficients 16-S -42

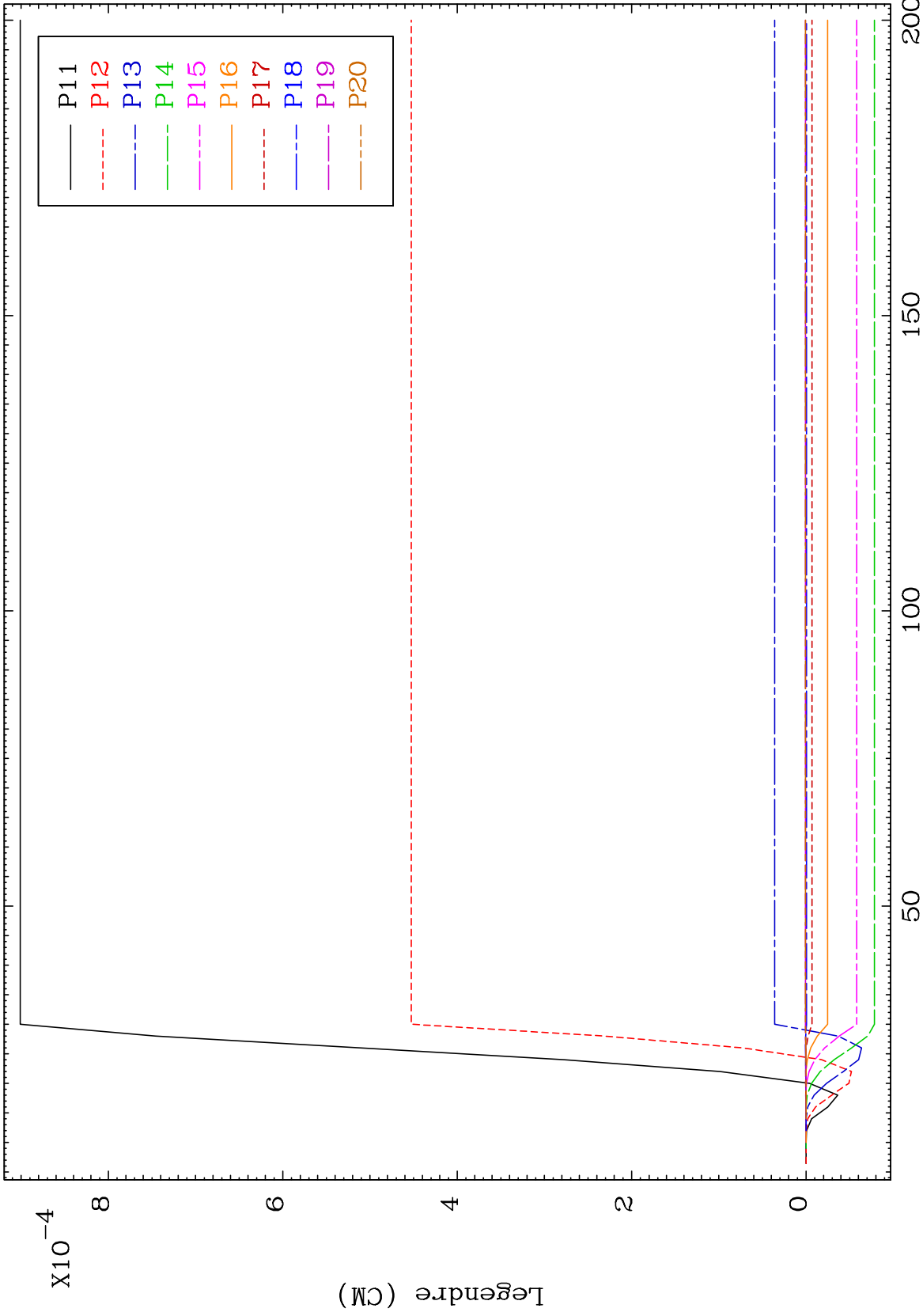


46 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



47

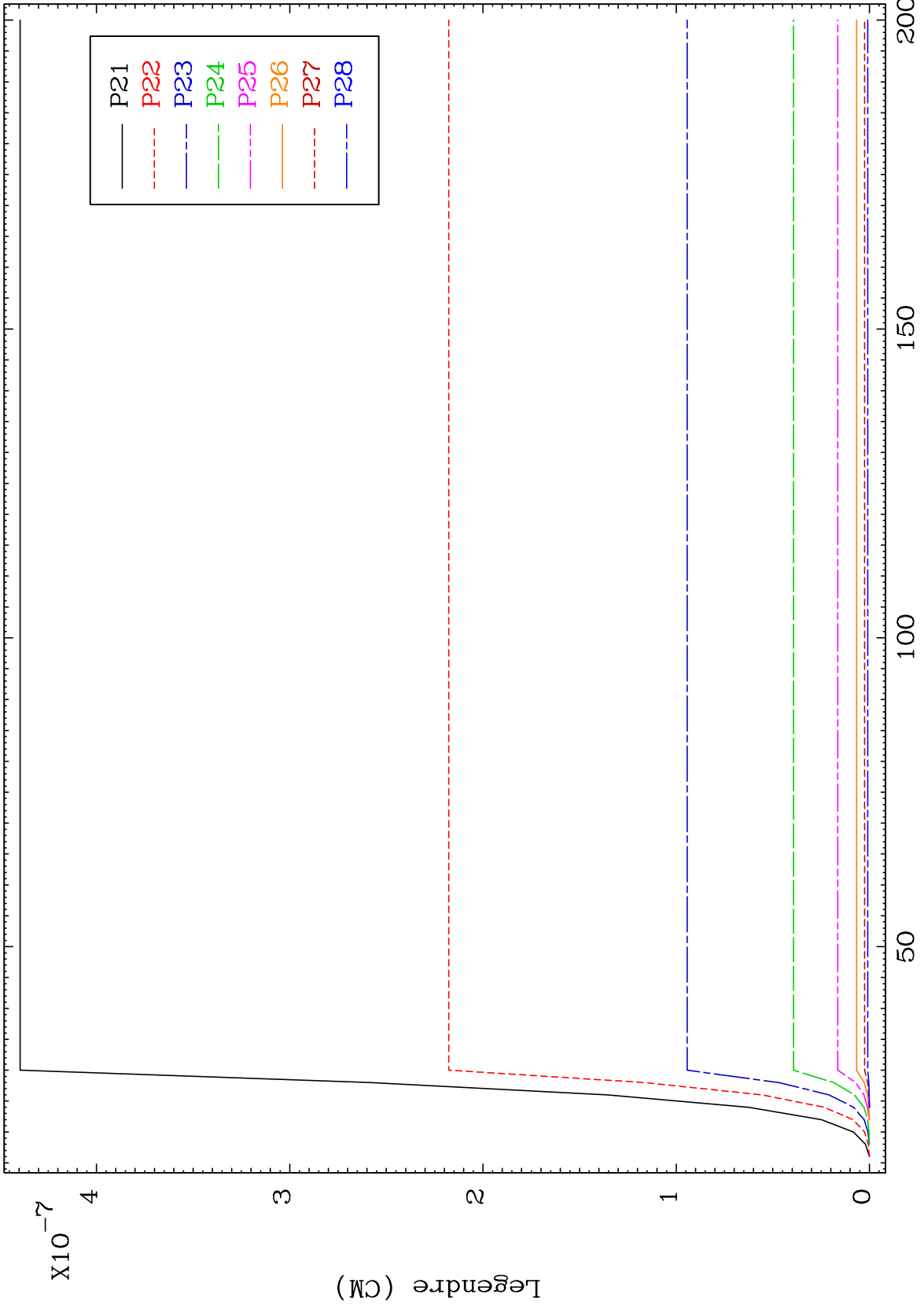
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



48

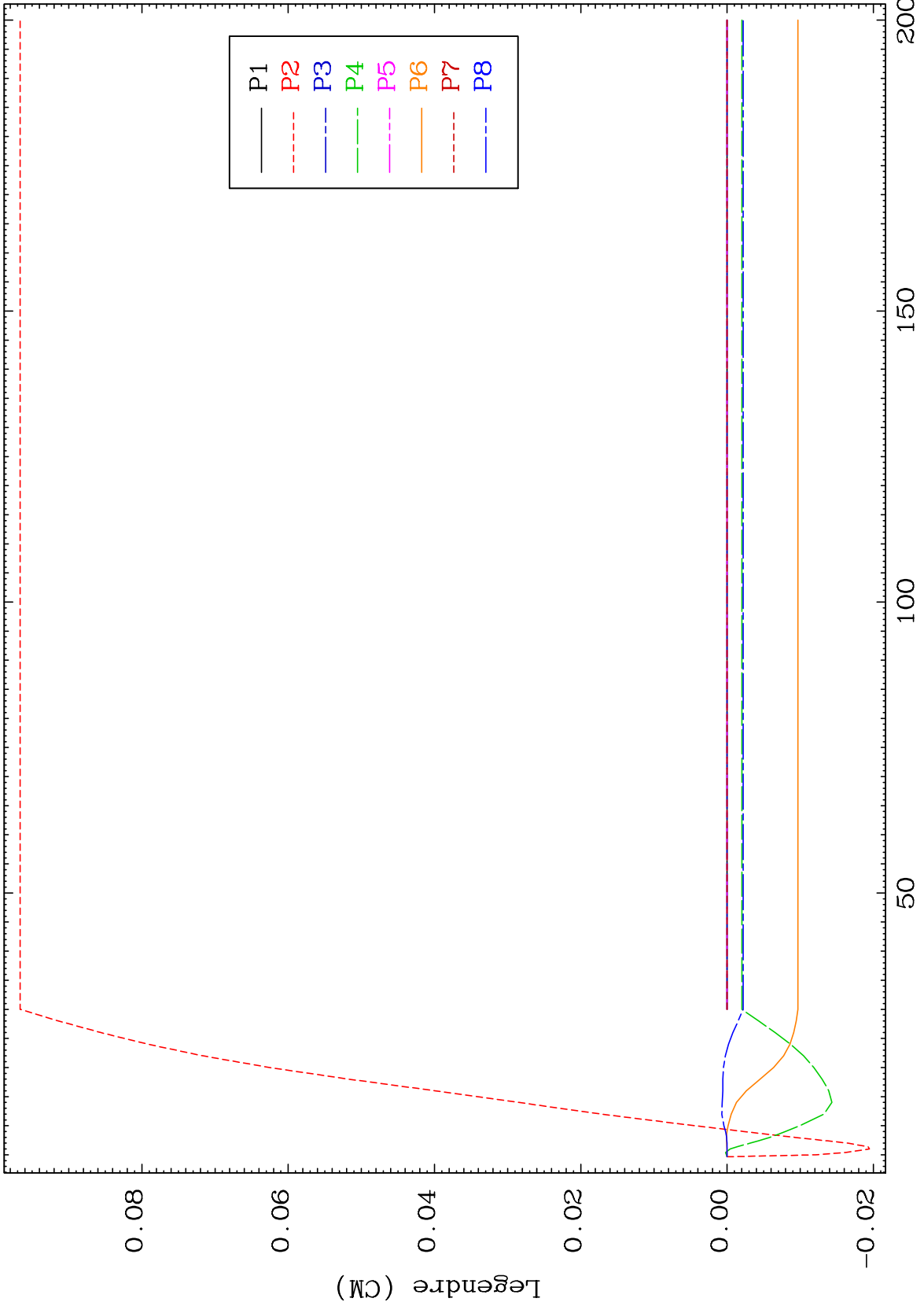
Incident Energy (MeV)

16-S -42

MAT 1655 MT= 62 (n,n') Level Legendre Coefficients

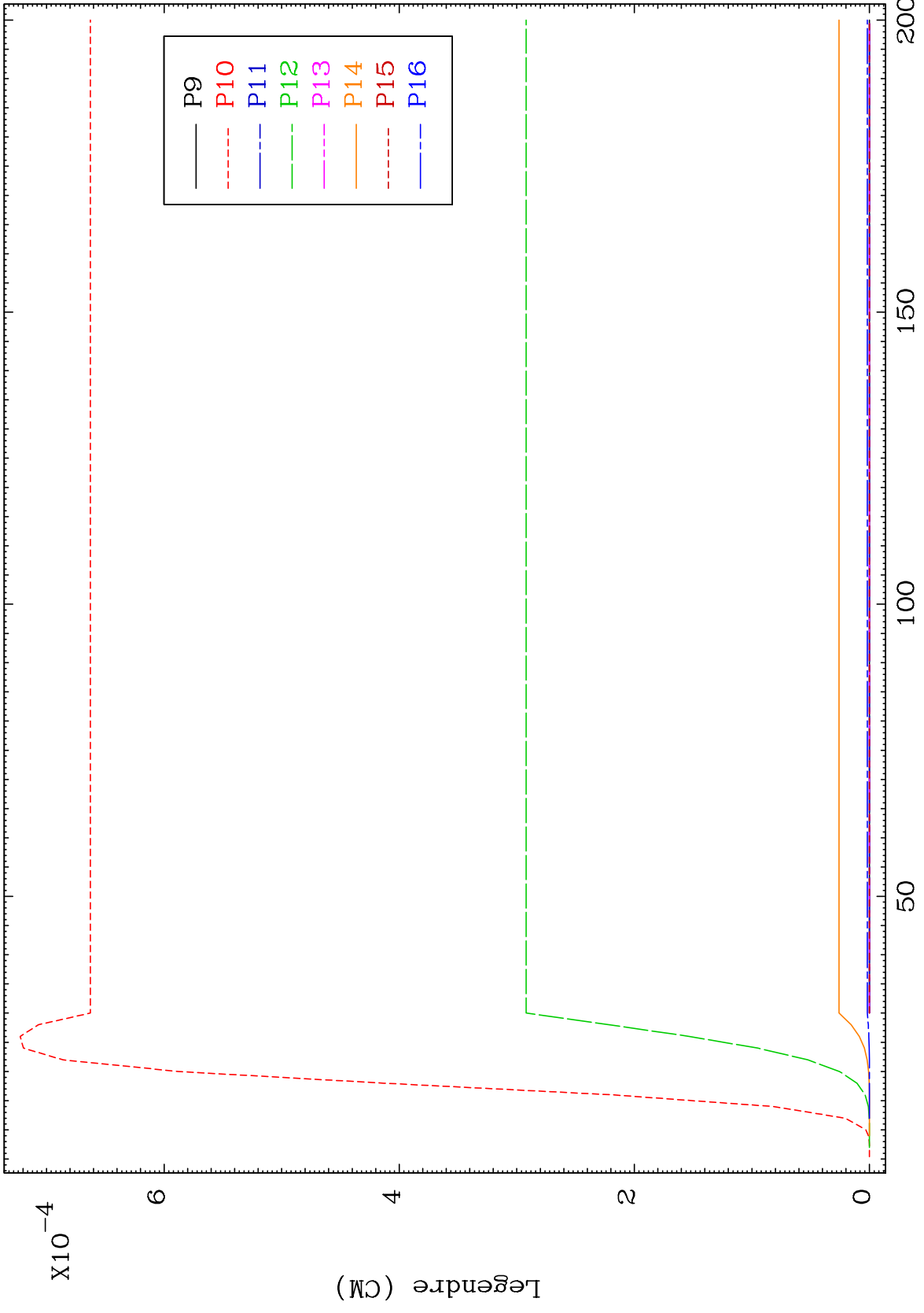
16-S -42

16-S -42



49

MAT 1655 MT= 62 (n,n') Level Legendre Coefficients 16-S -42

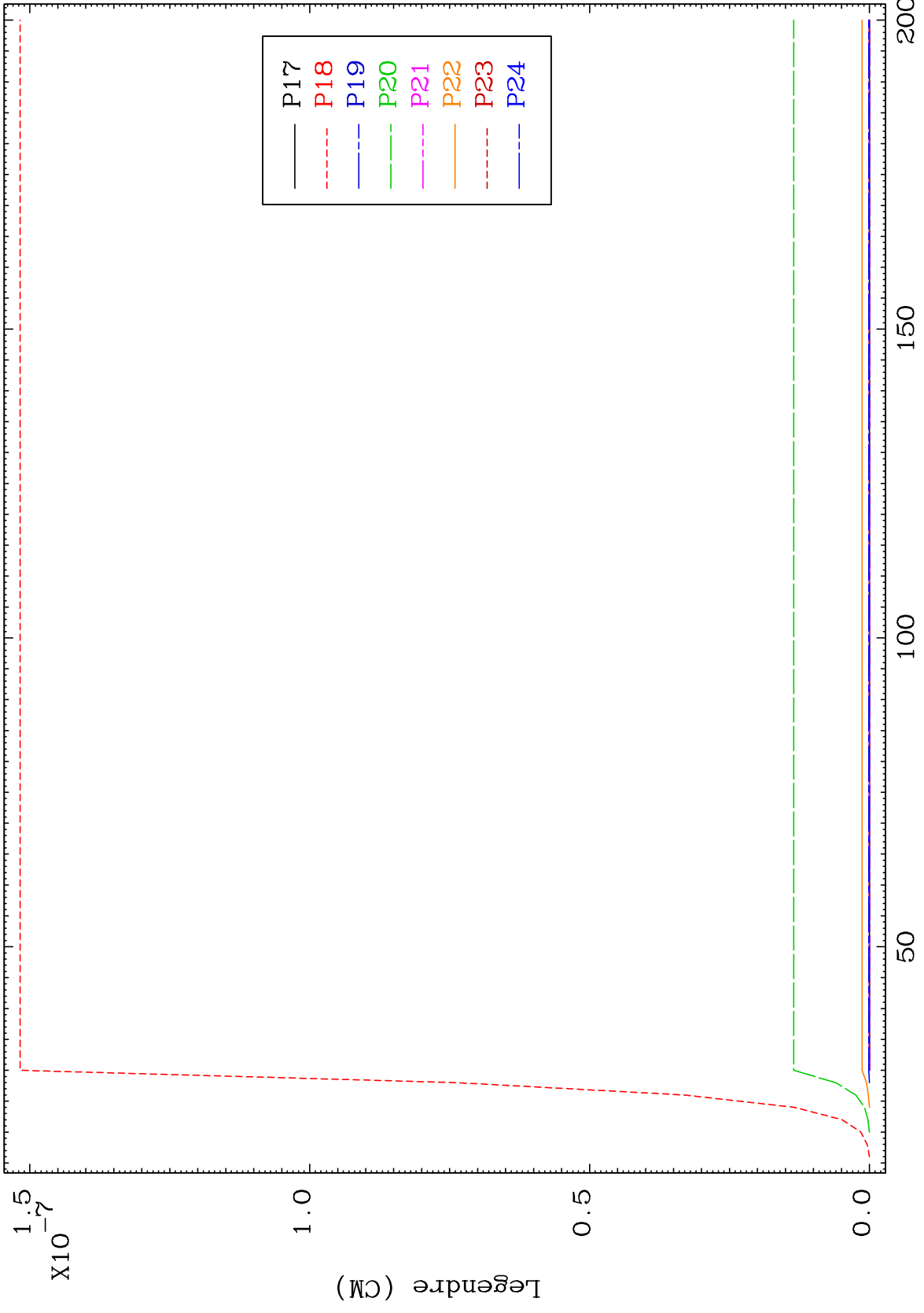


16-S -42

MAT 1655 MT= 62 (n,n') Level Legendre Coefficients

16-S -42

16-S -42

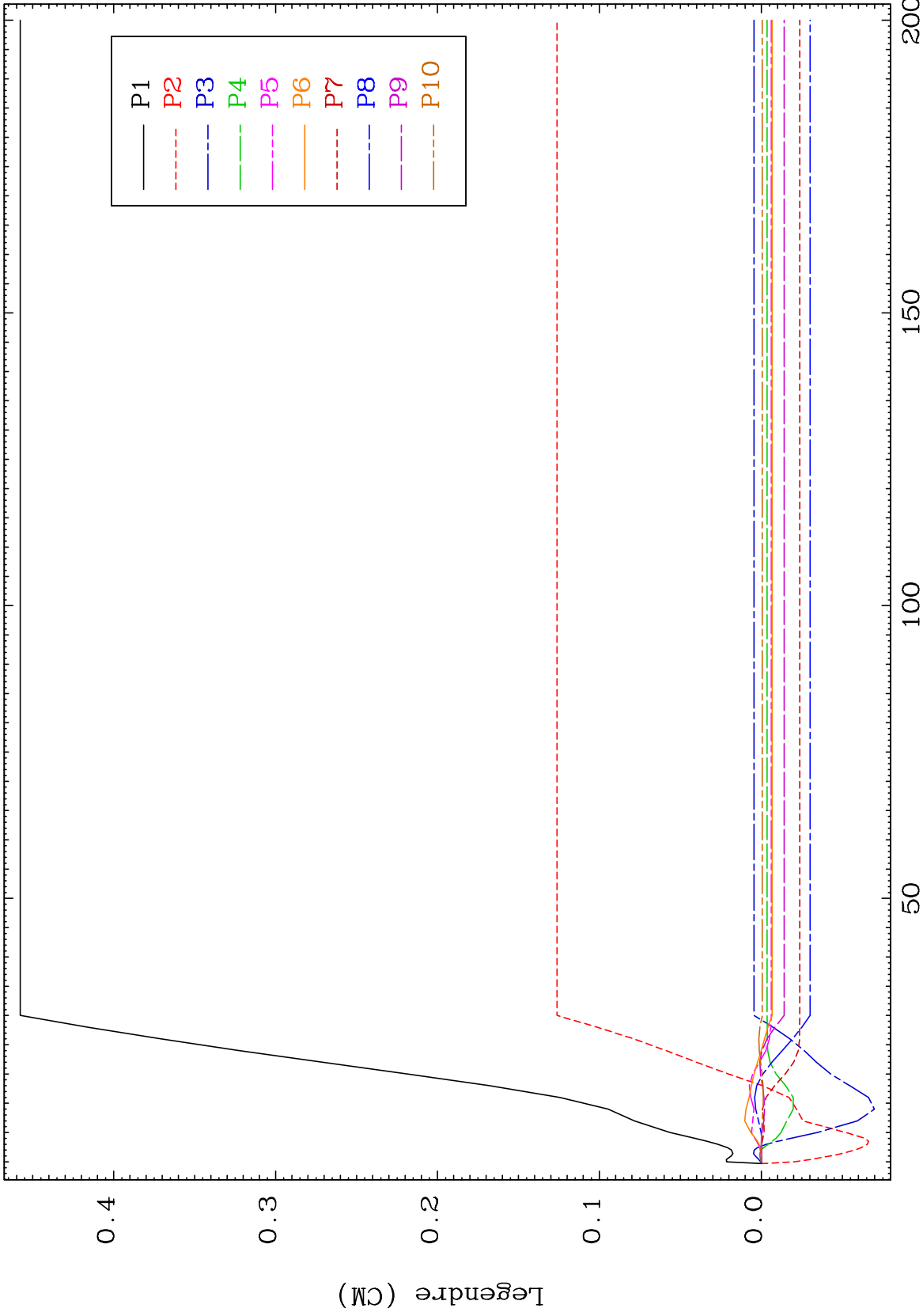


51

MAT 1655

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

16-S -42



52

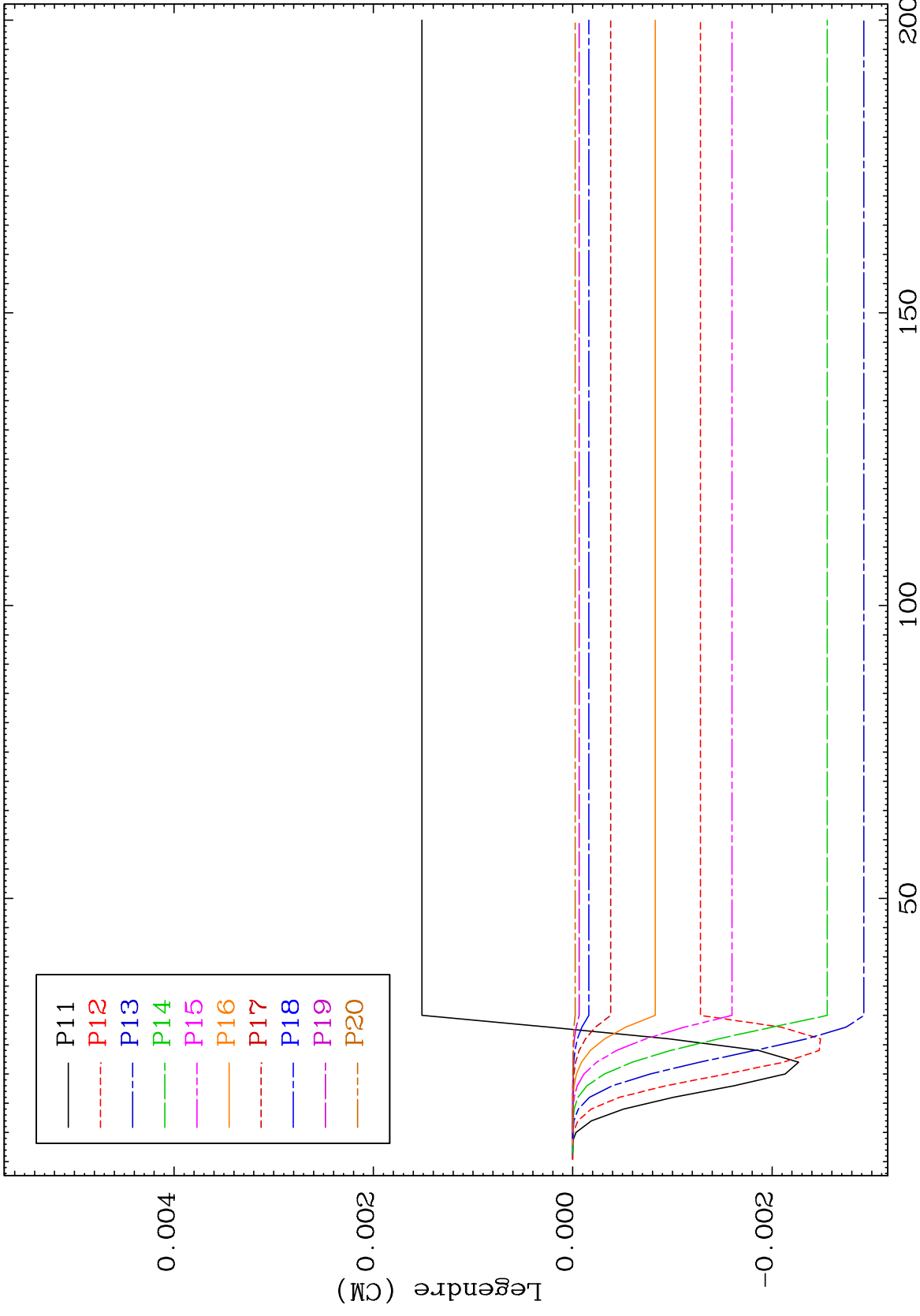
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

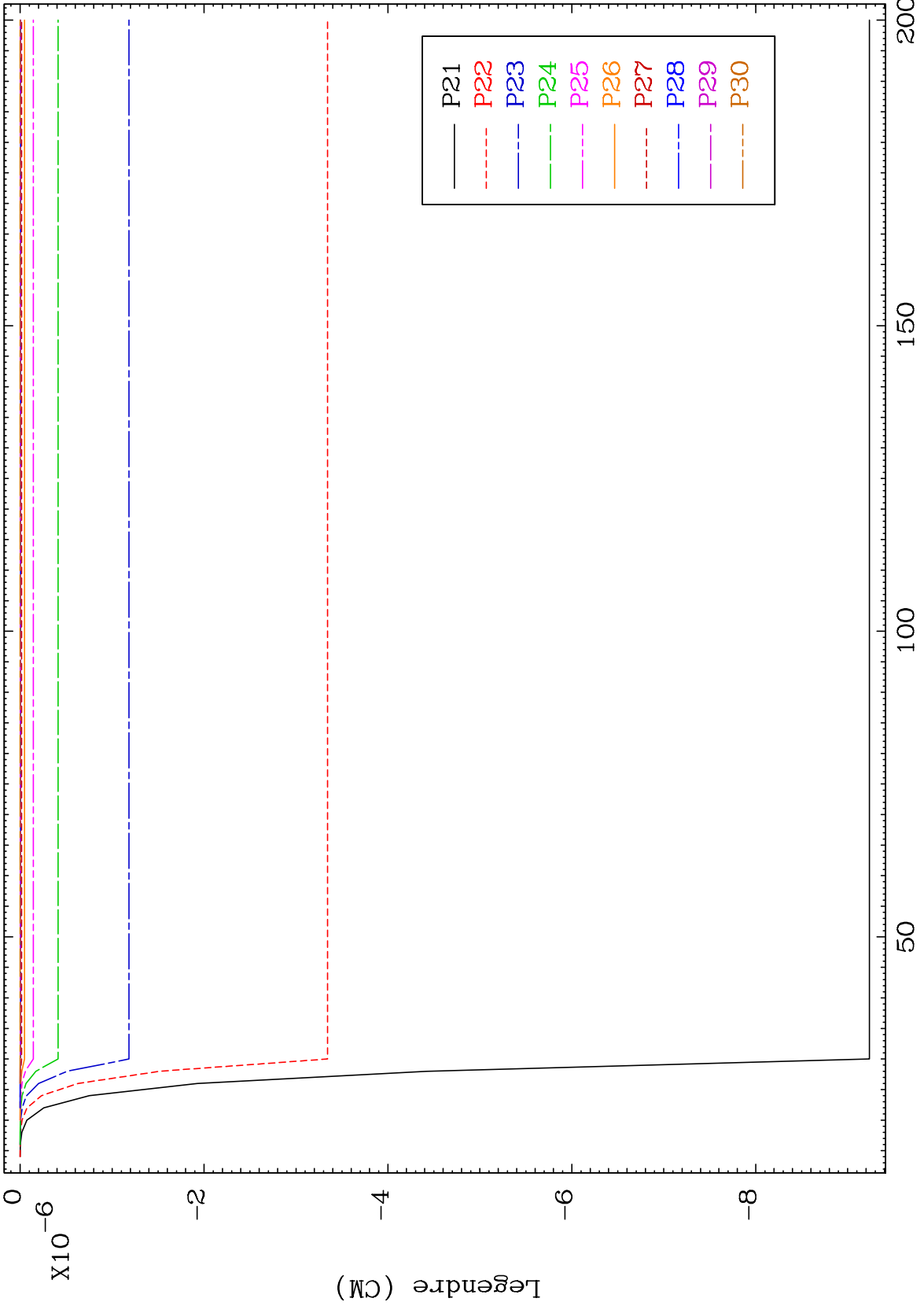


53

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 63 (n,n') Level Legendre Coefficients 16-S -42

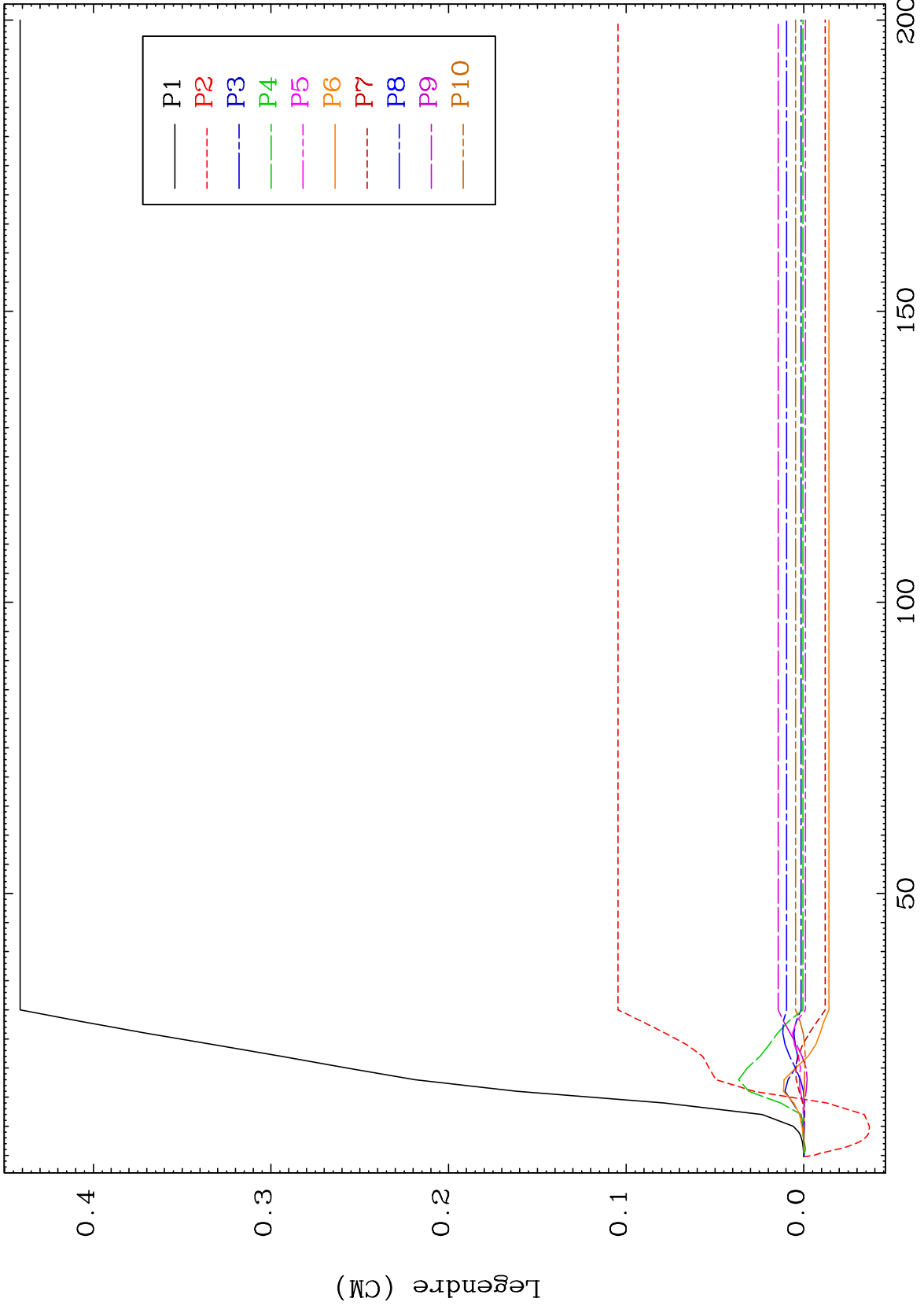


54 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42

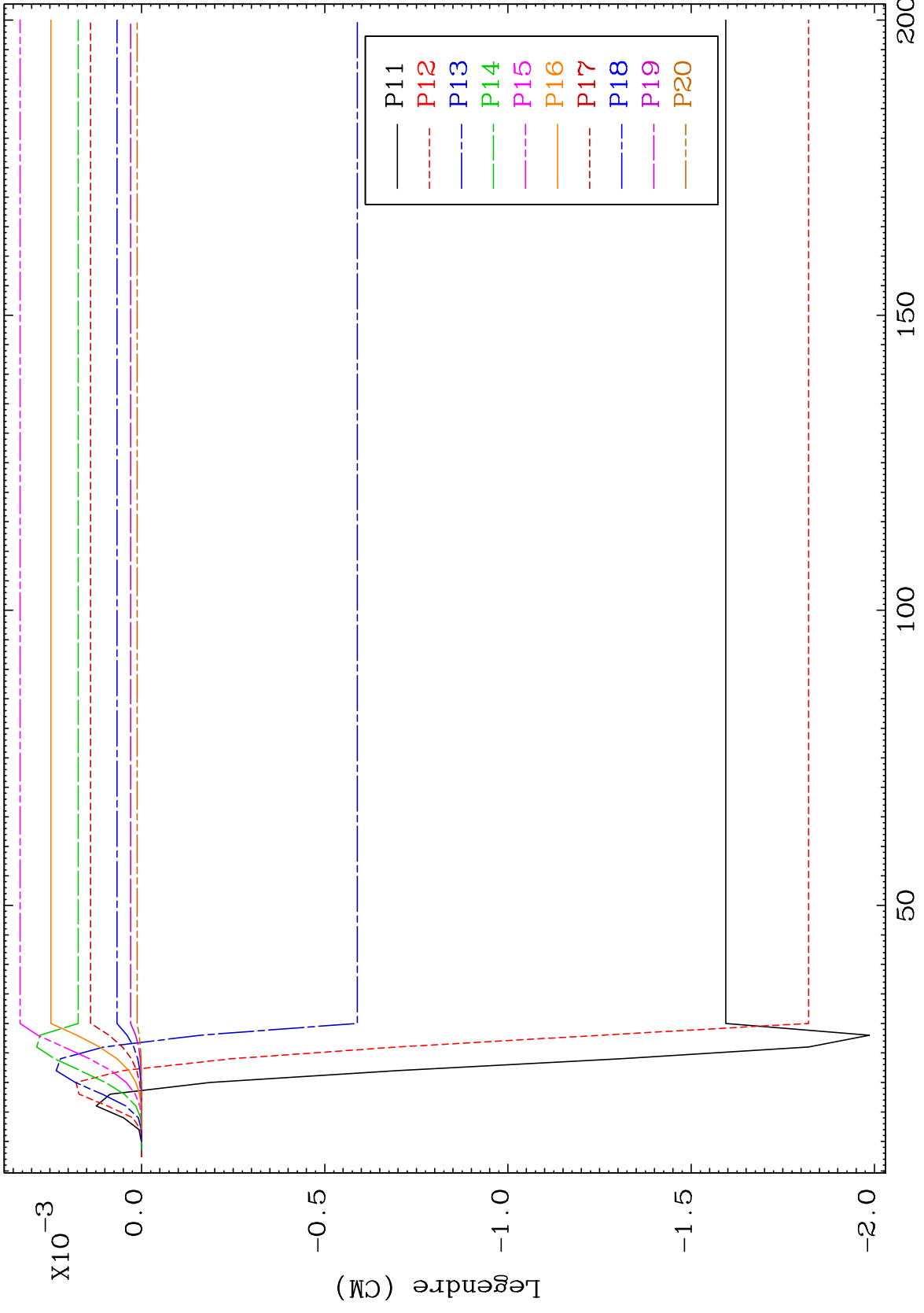


55

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 64 (n,n') Level Legendre Coefficients 16-S -42

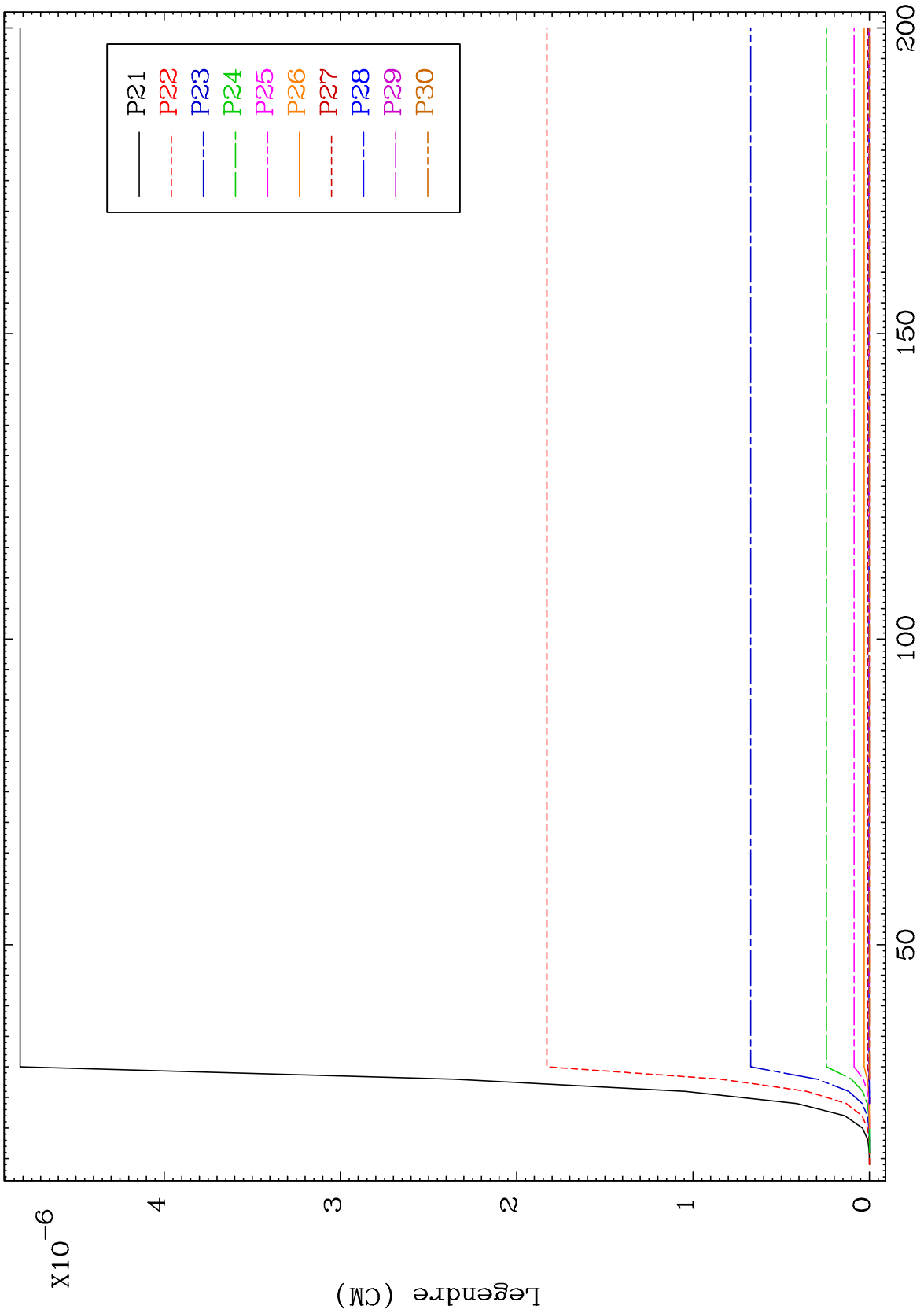


56 16-S -42

MAT 1655

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

16-S -42

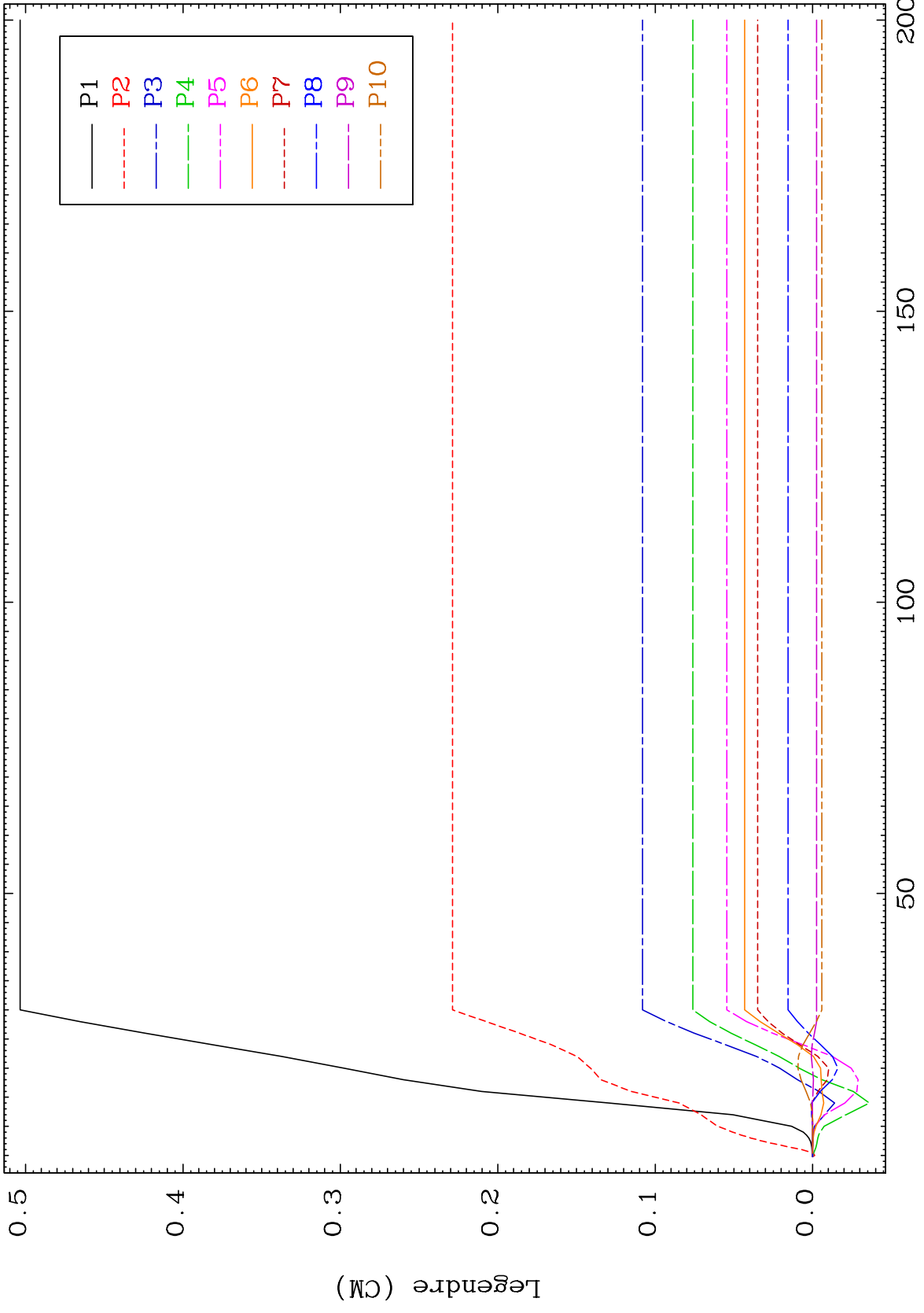


57

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 65 (n,n') Level Legendre Coefficients 16-S -42

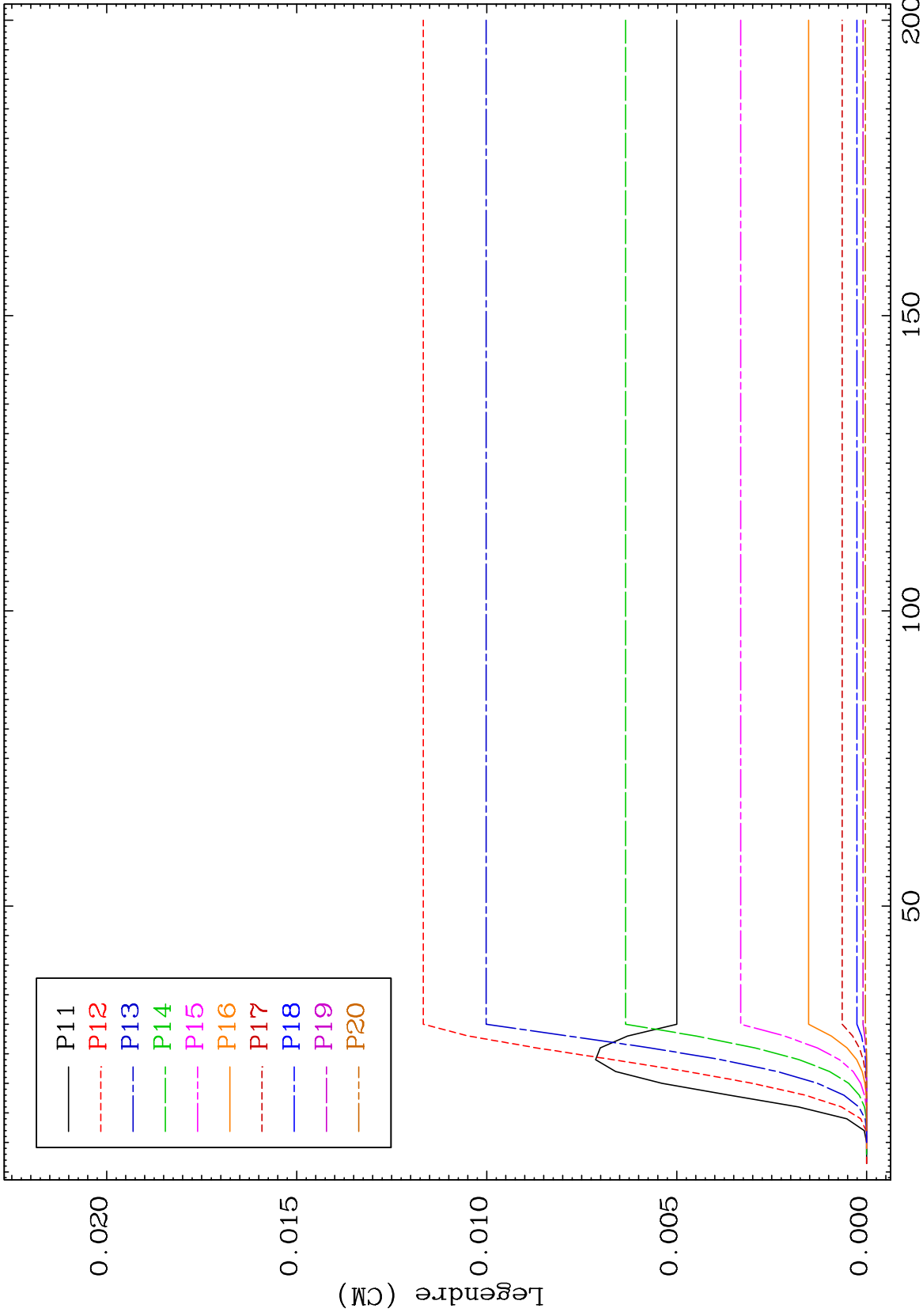


58 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



59

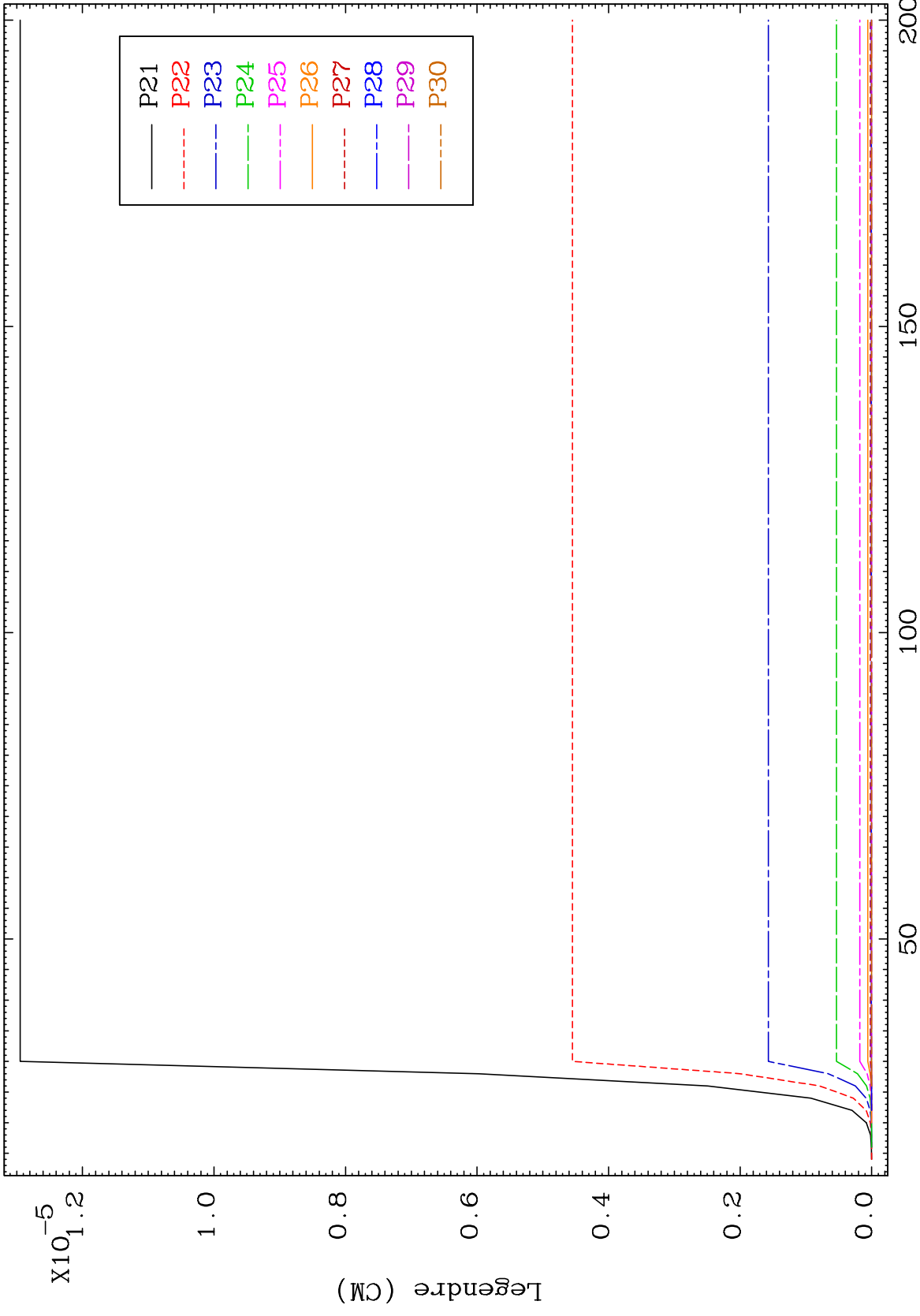
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



60

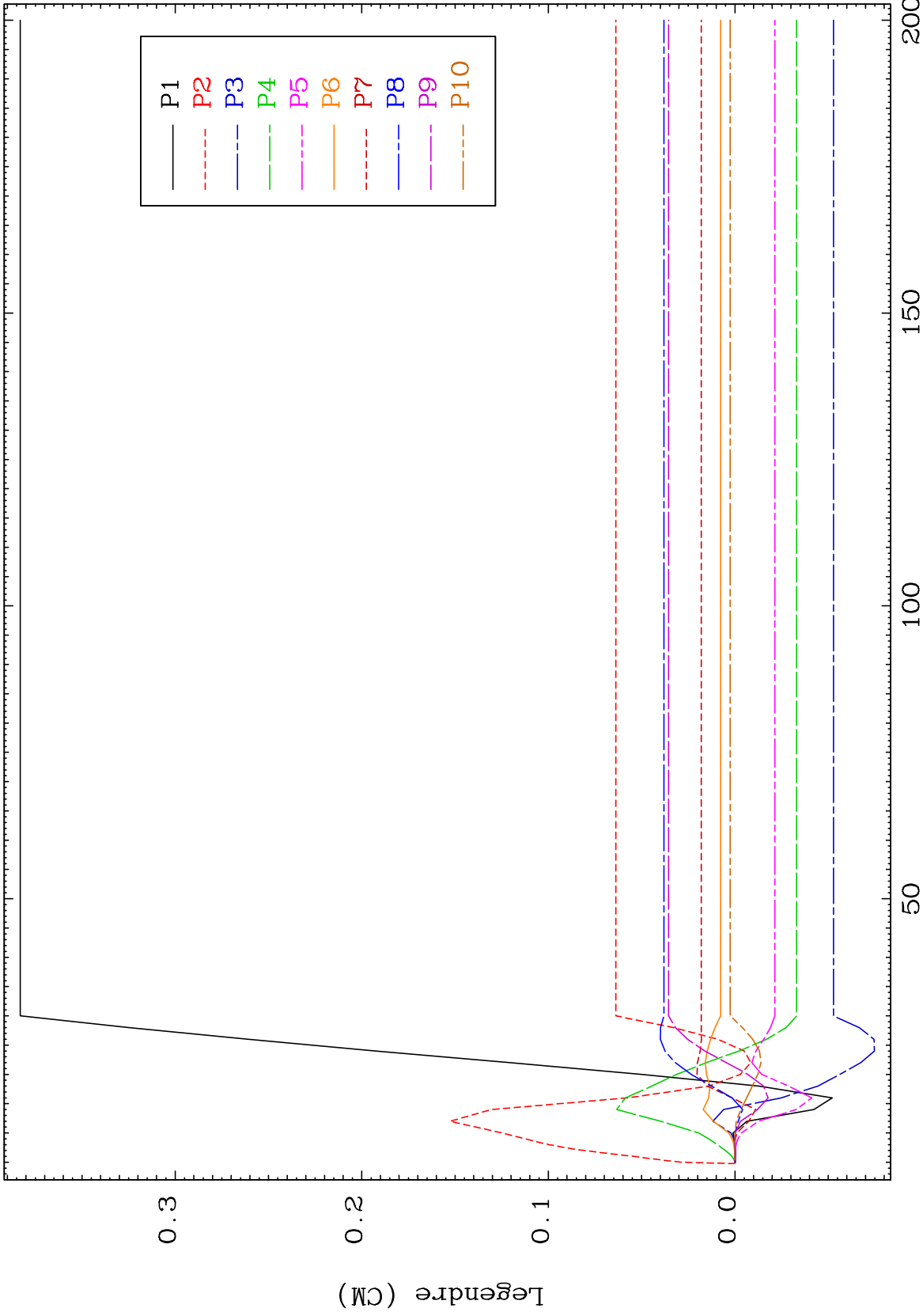
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



61

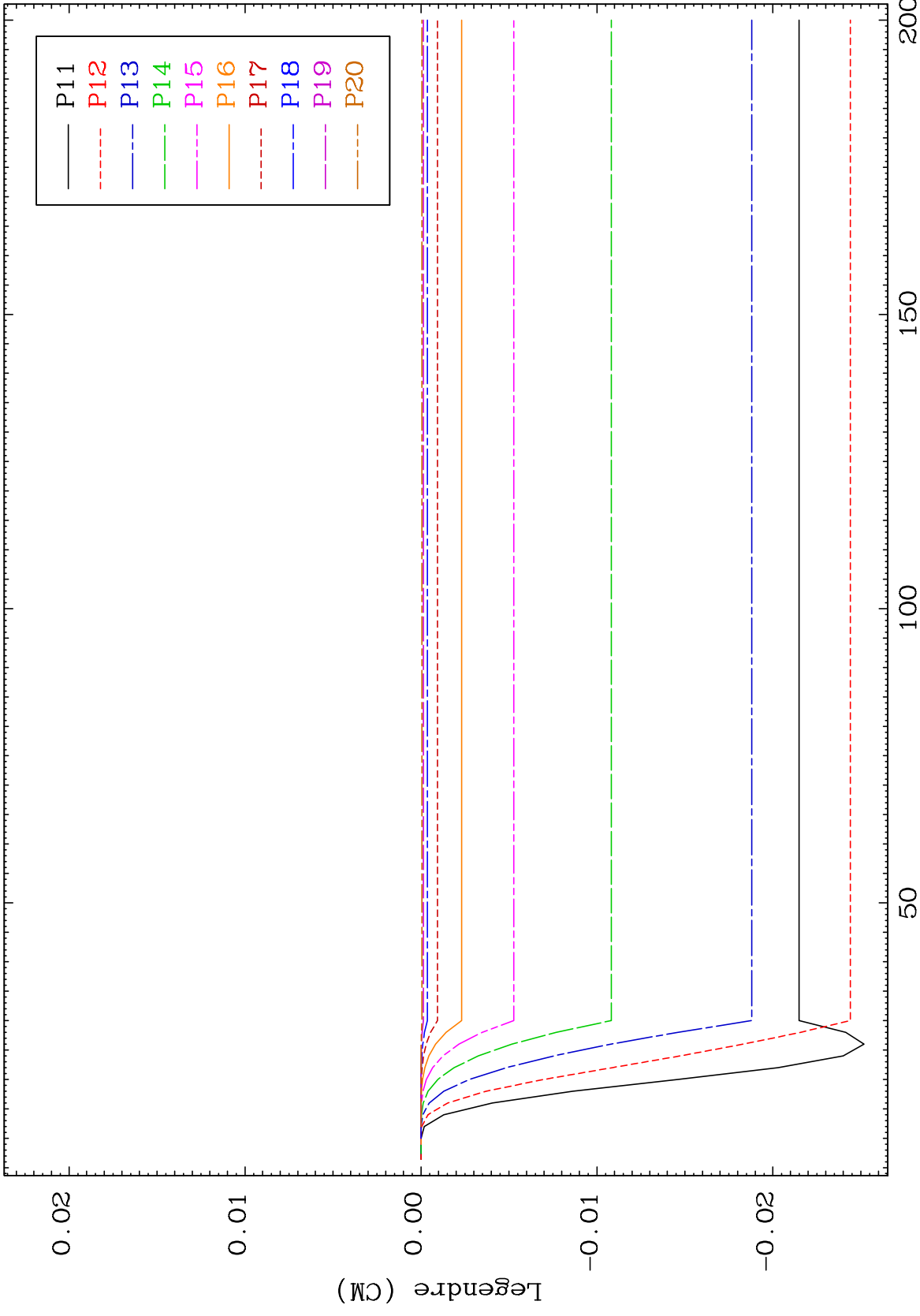
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

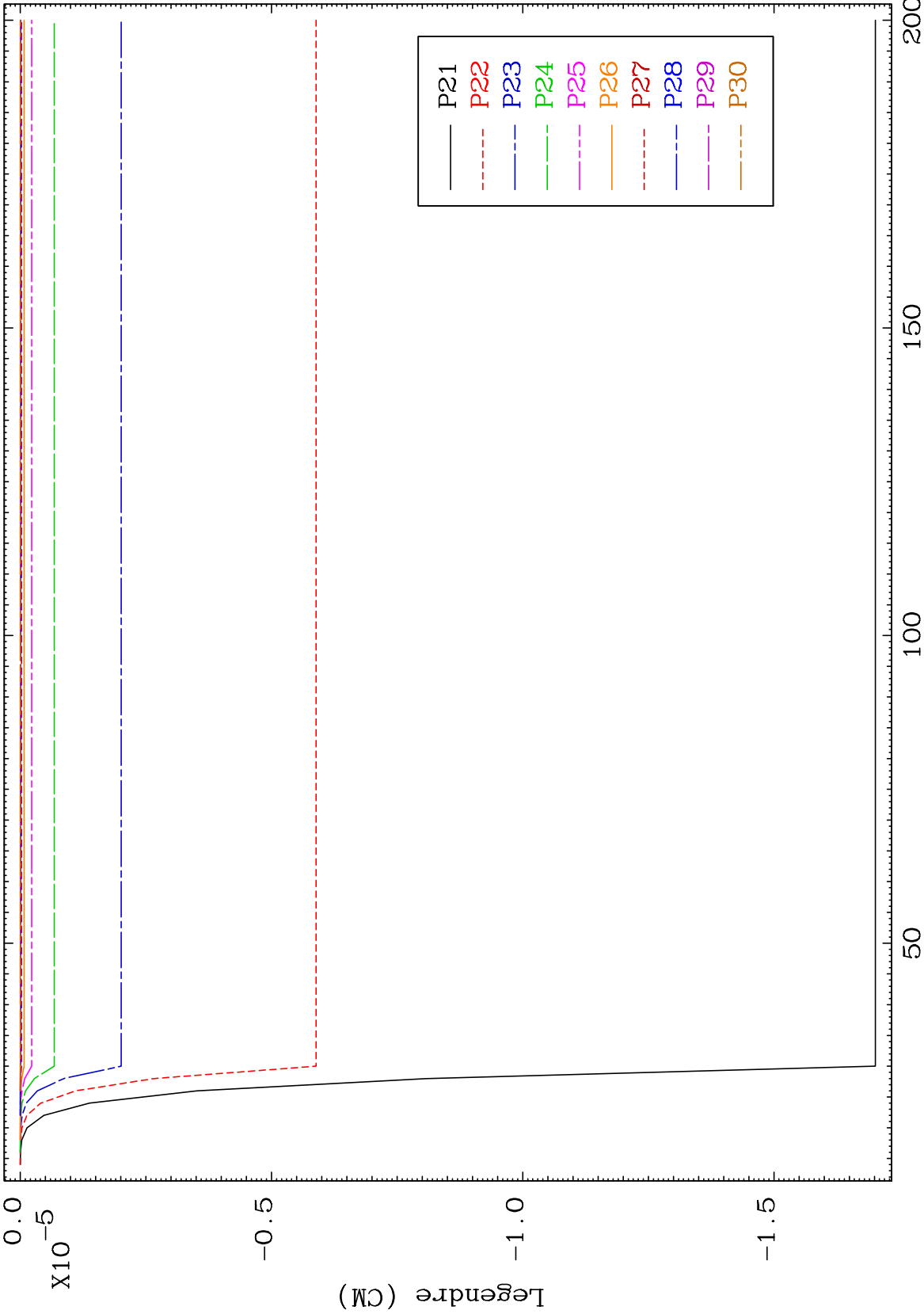


62

Incident Energy (MeV)

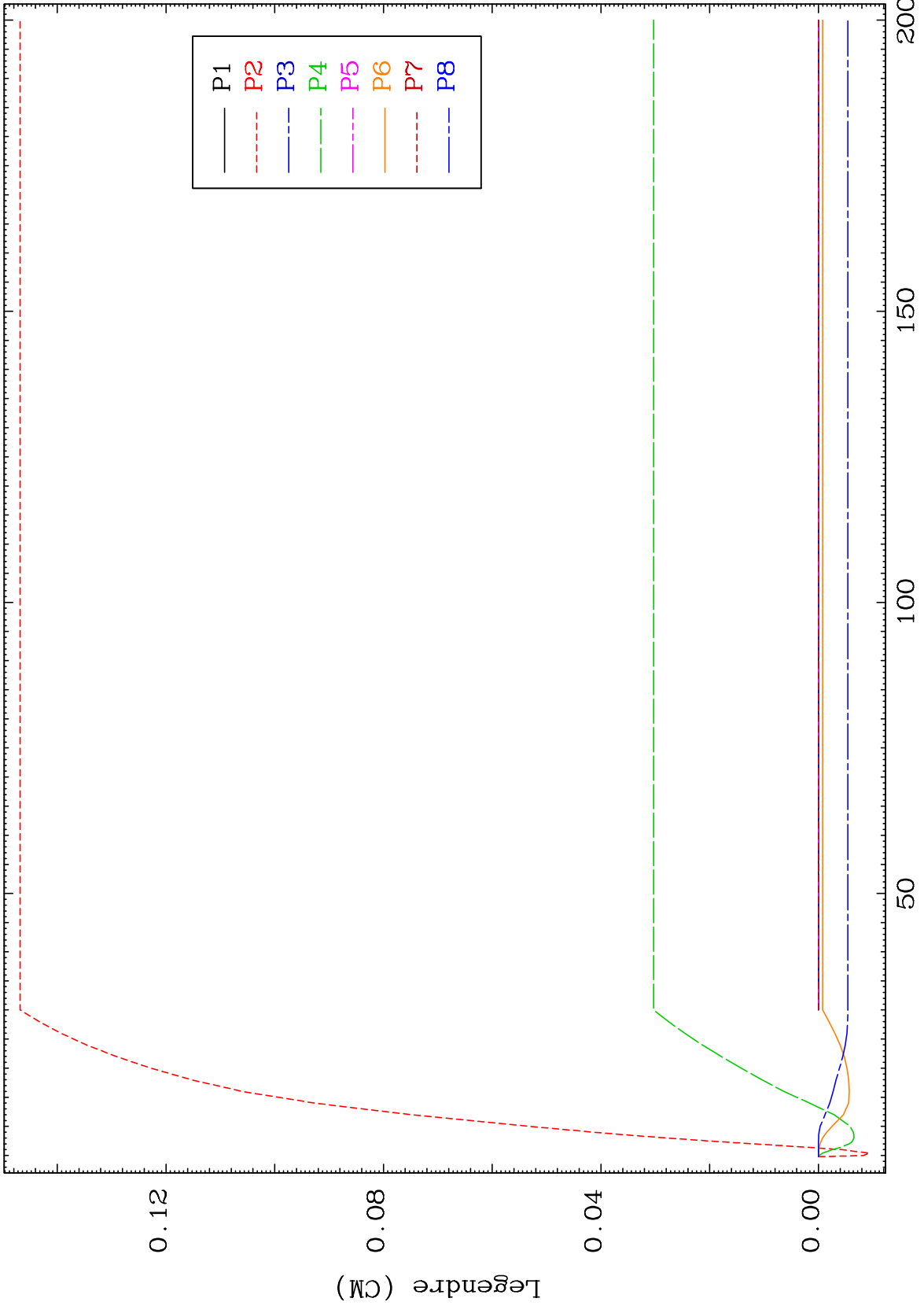
16-S -42

MAT 1655 MT= 66 (n,n') Level Legendre Coefficients 16-S -42



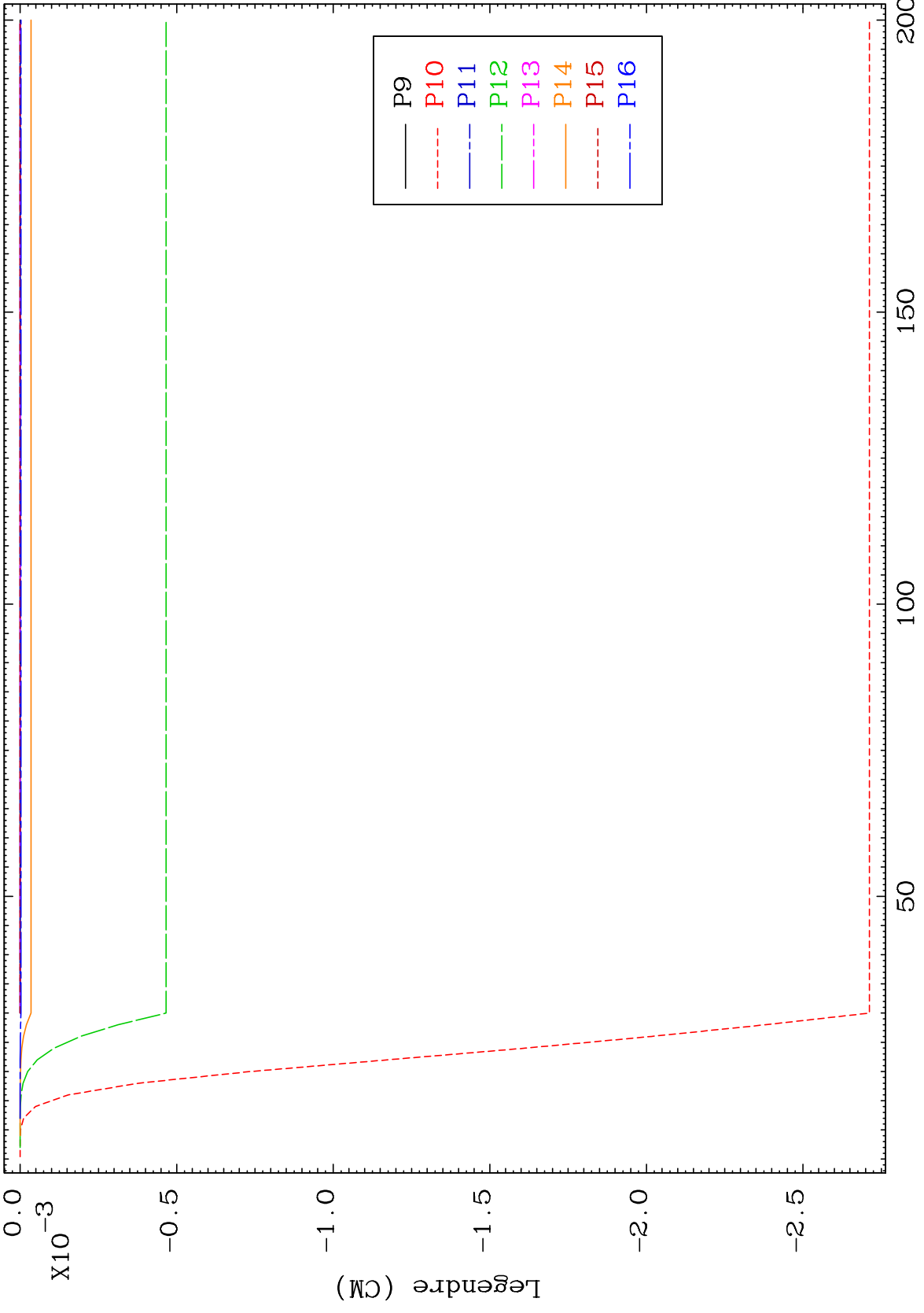
63 16-S -42

MAT 1655 MT= 67 (n,n') Level Legendre Coefficients 16-S -42



64 Incident Energy (MeV) 16-S -42

MAT 1655 MT= 67 (n,n') Level Legendre Coefficients 16-S -42

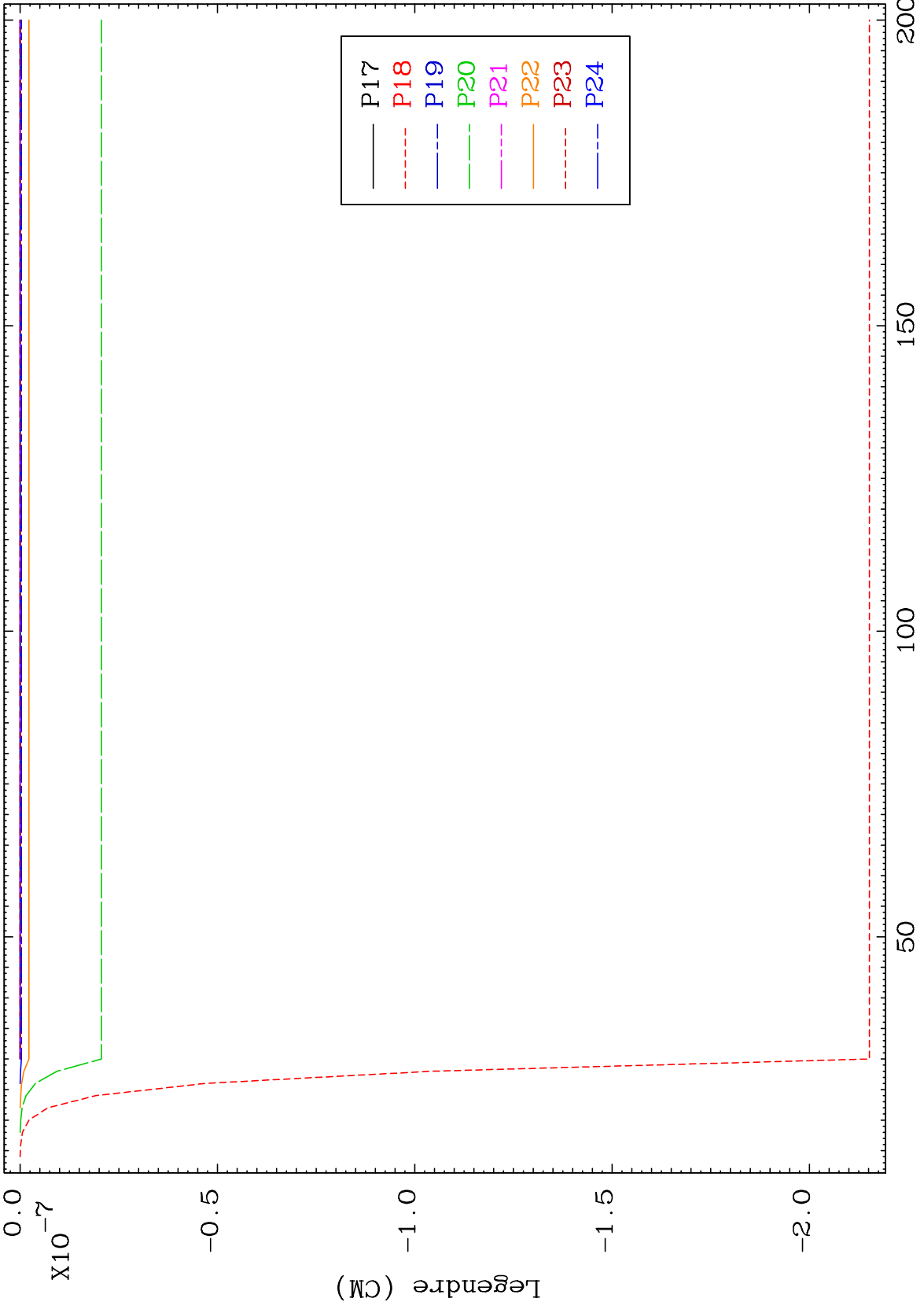


65

Incident Energy (MeV)

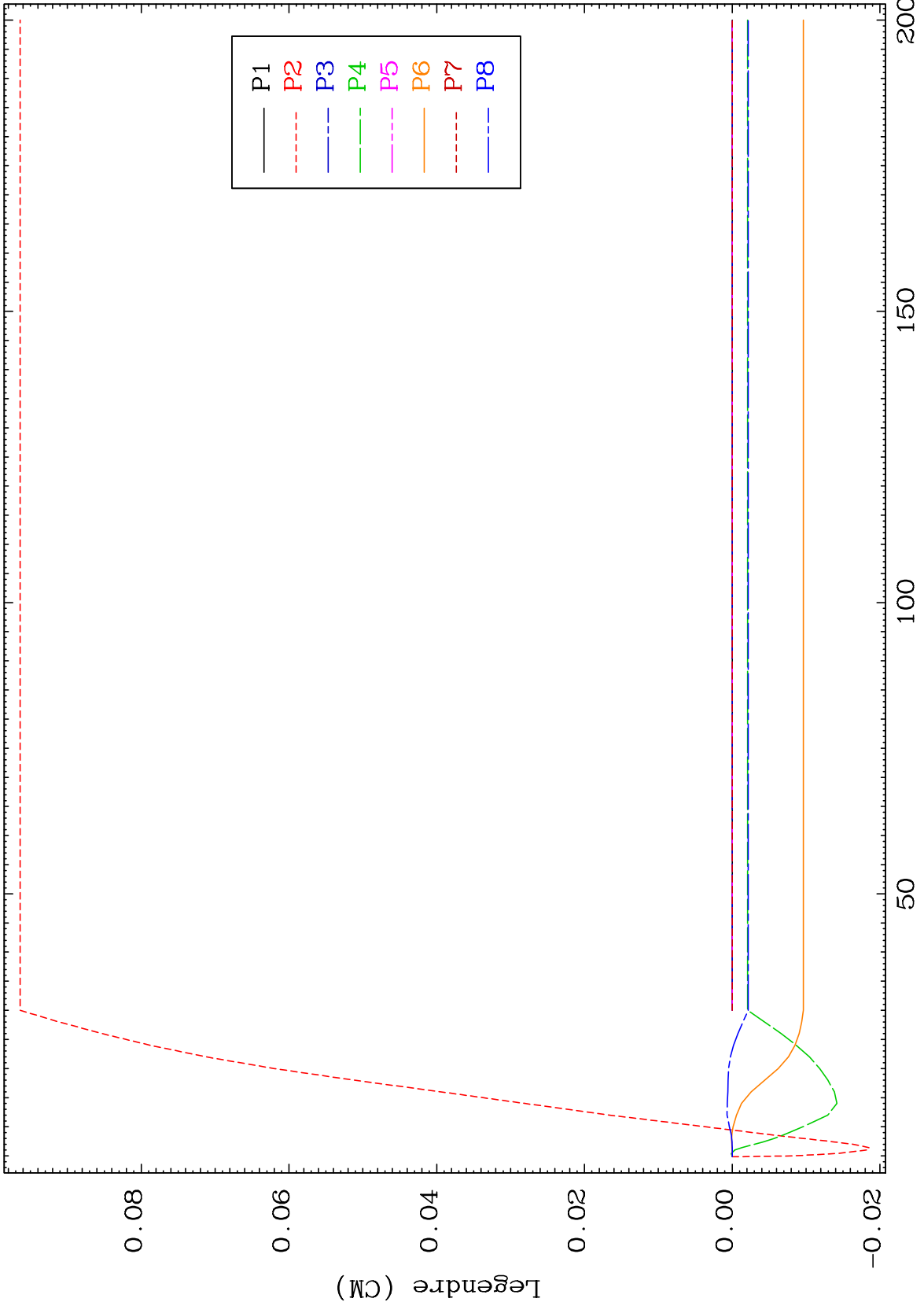
16-S -42

MAT 1655 MT= 67 (n,n') Level Legendre Coefficients 16-S -42



66 16-S -42

MAT 1655 MT= 68 (n,n') Level Legendre Coefficients 16-S -42

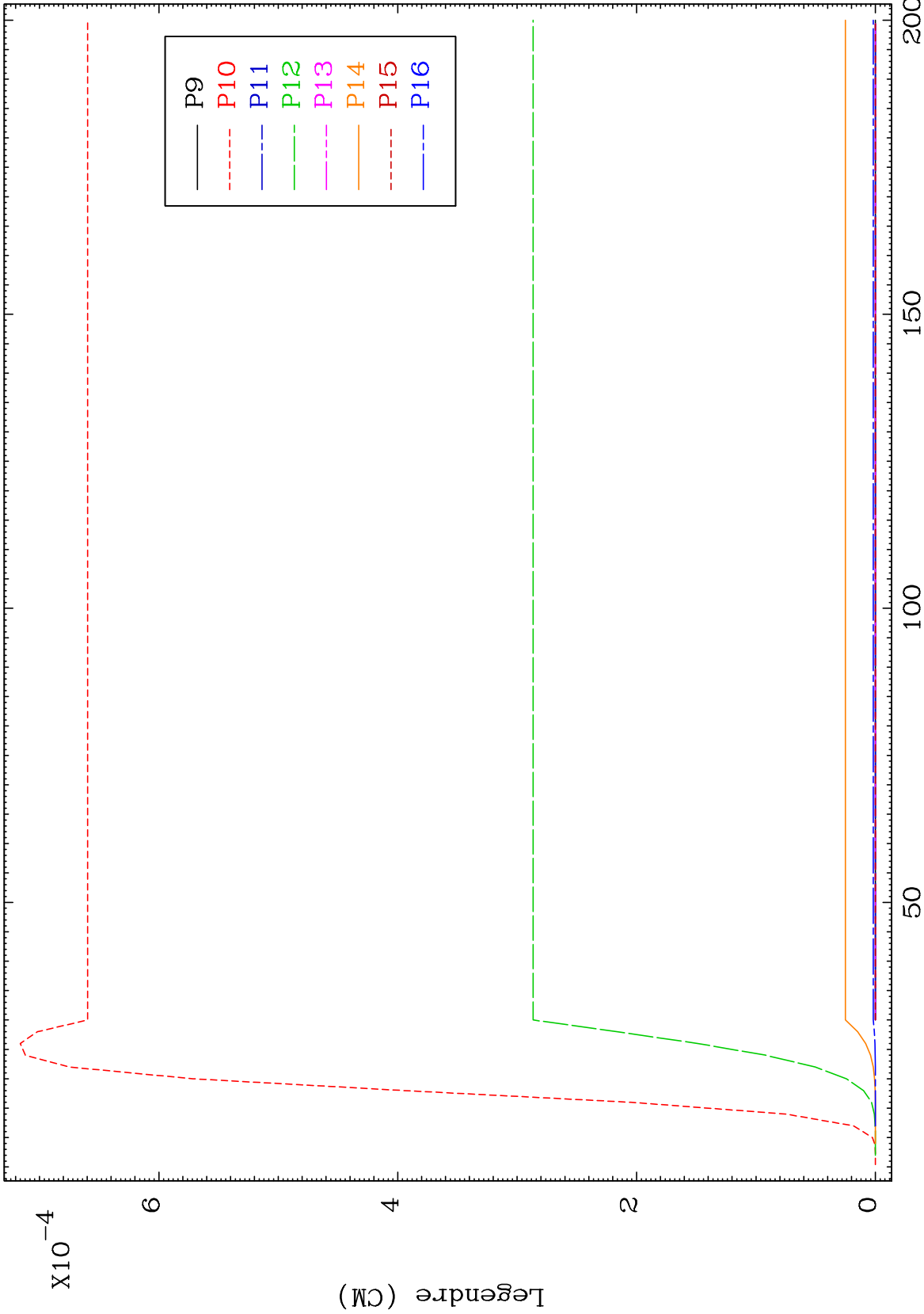


67 16-S -42

MAT 1655

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

16-S -42



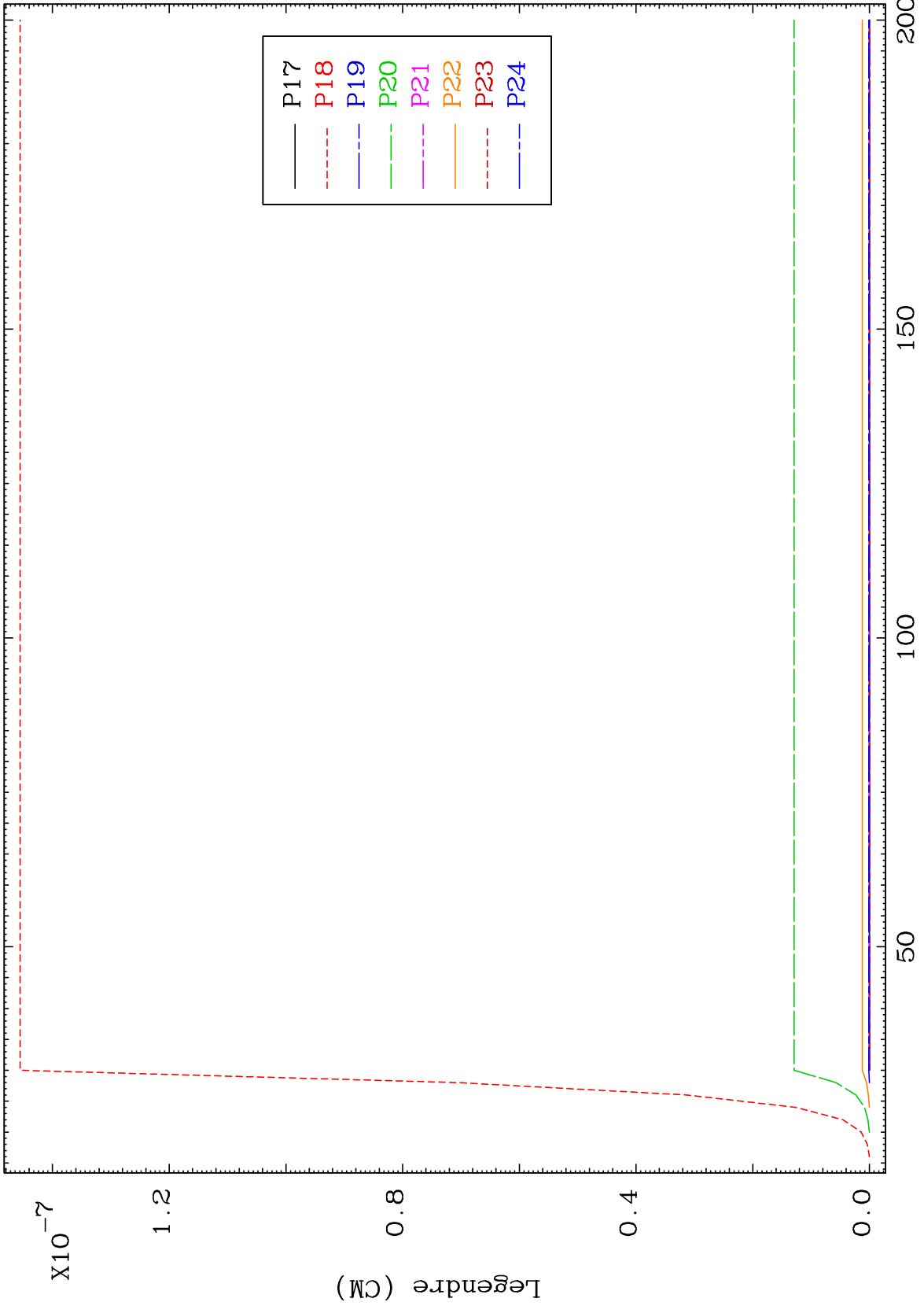
68

16-S -42

MAT 1655 MT= 68 (n,n') Level Legendre Coefficients

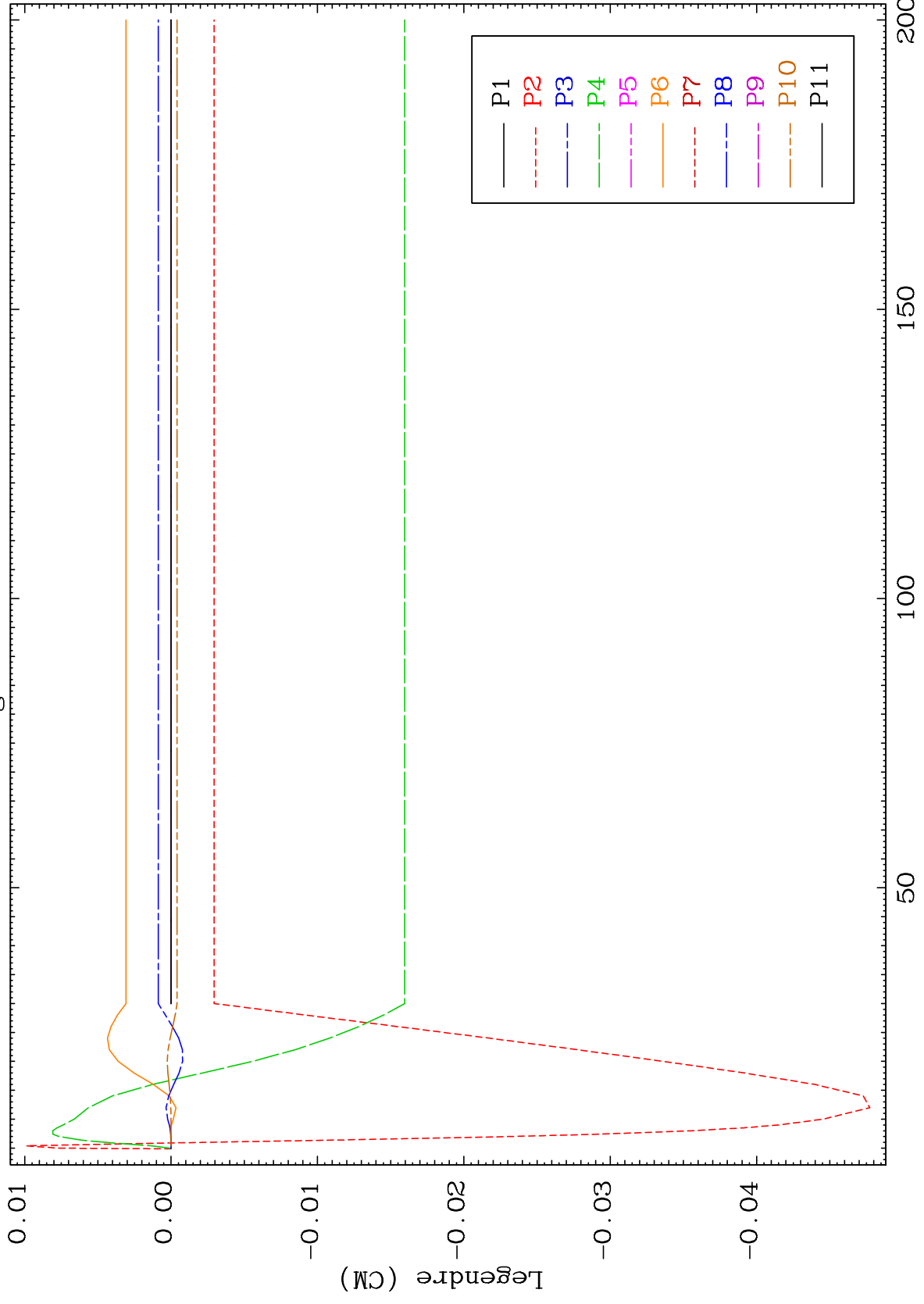
16-S -42

16-S -42



69

MAT 1655 MT= 69 (n,n') Level Legendre Coefficients 16-S -42

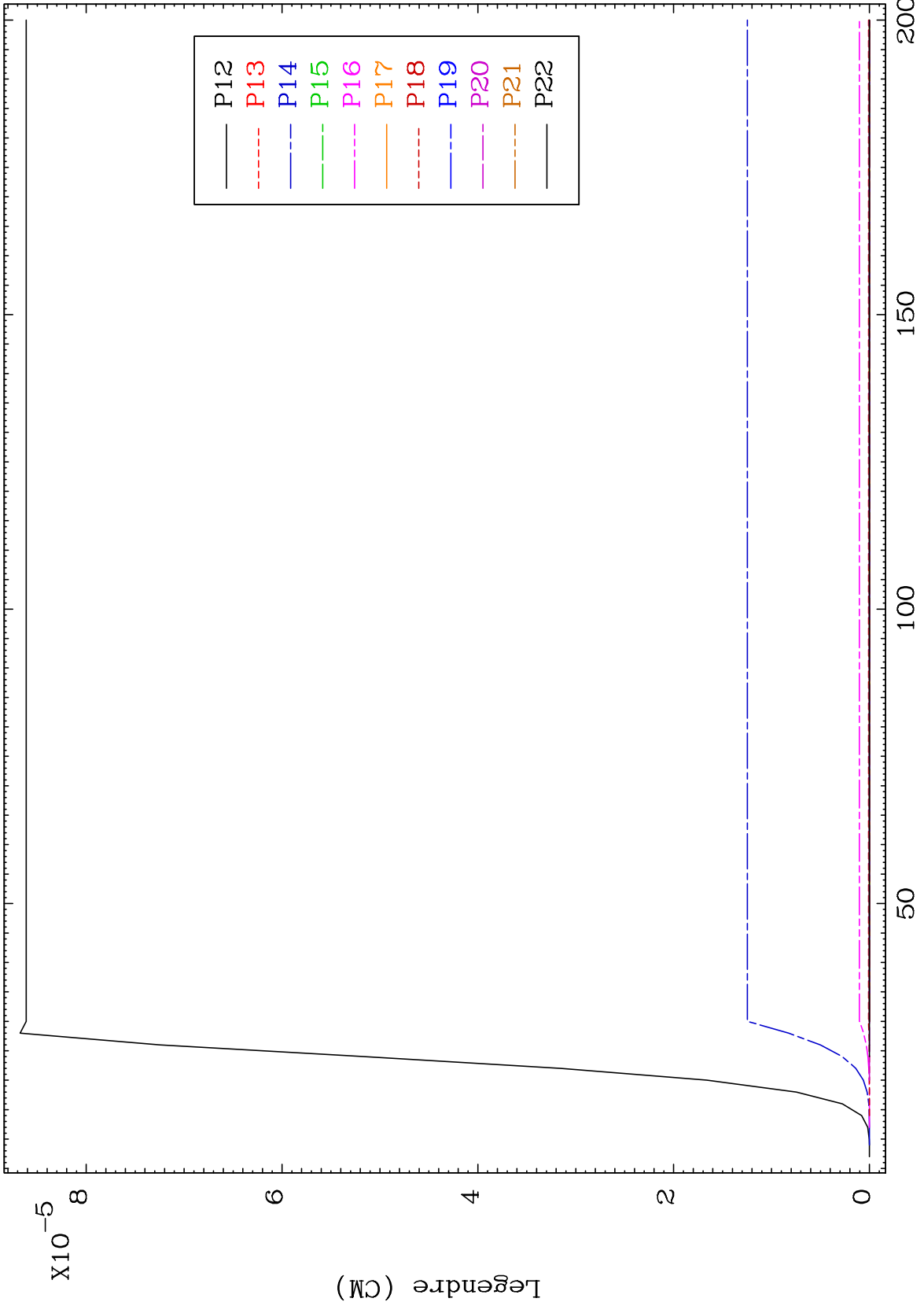


70 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



71

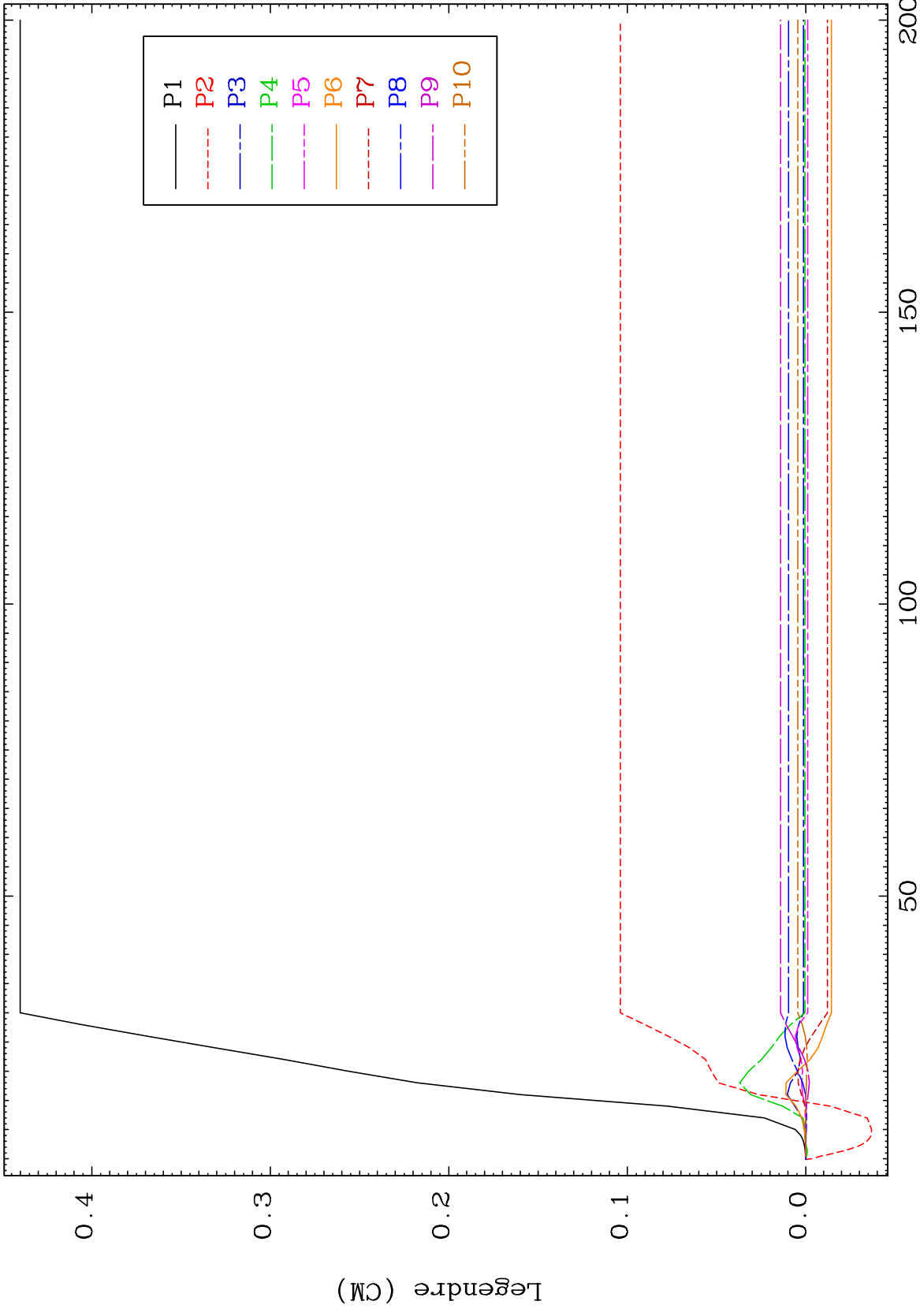
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

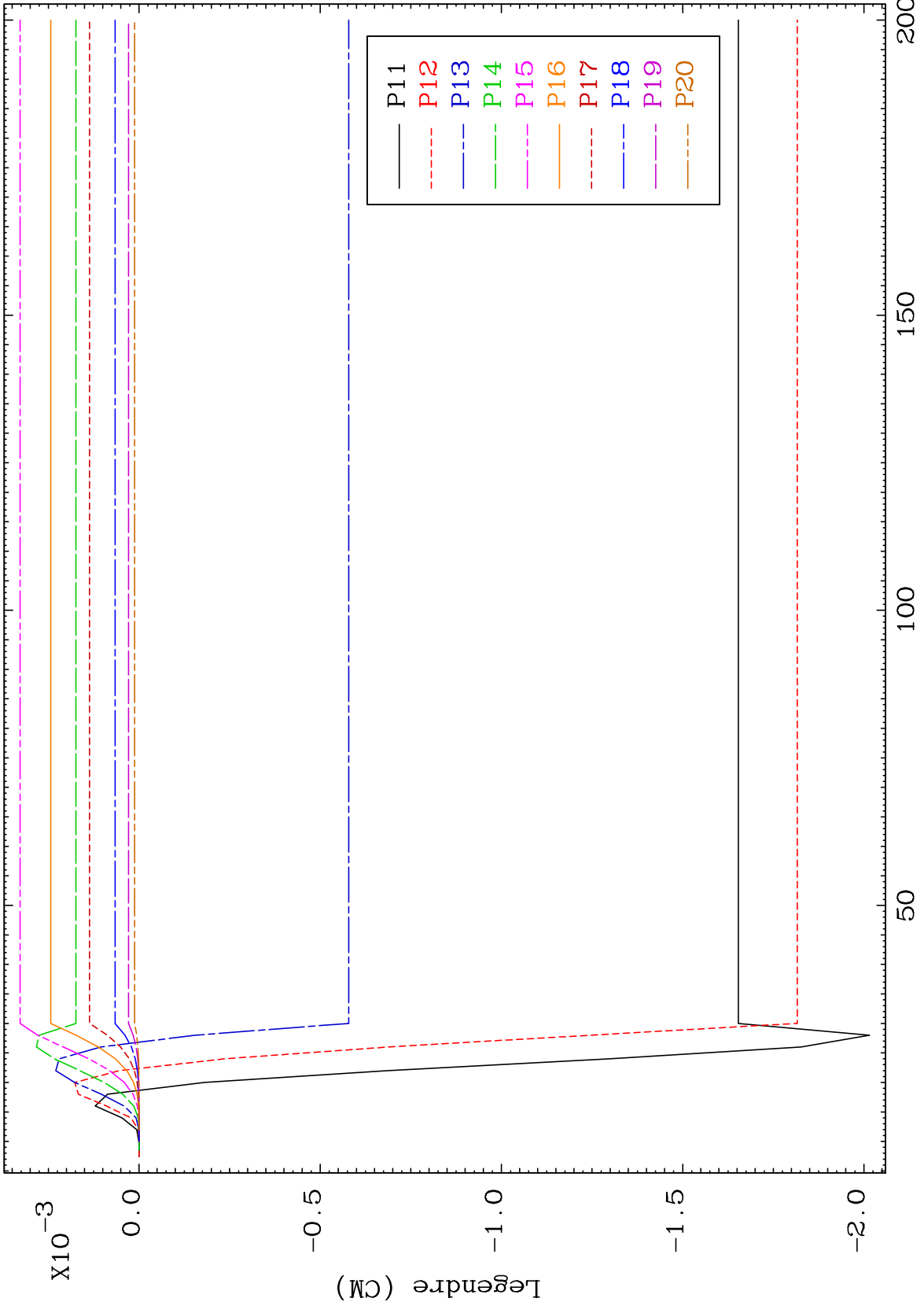


72

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 70 (n,n') Level Legendre Coefficients 16-S -42

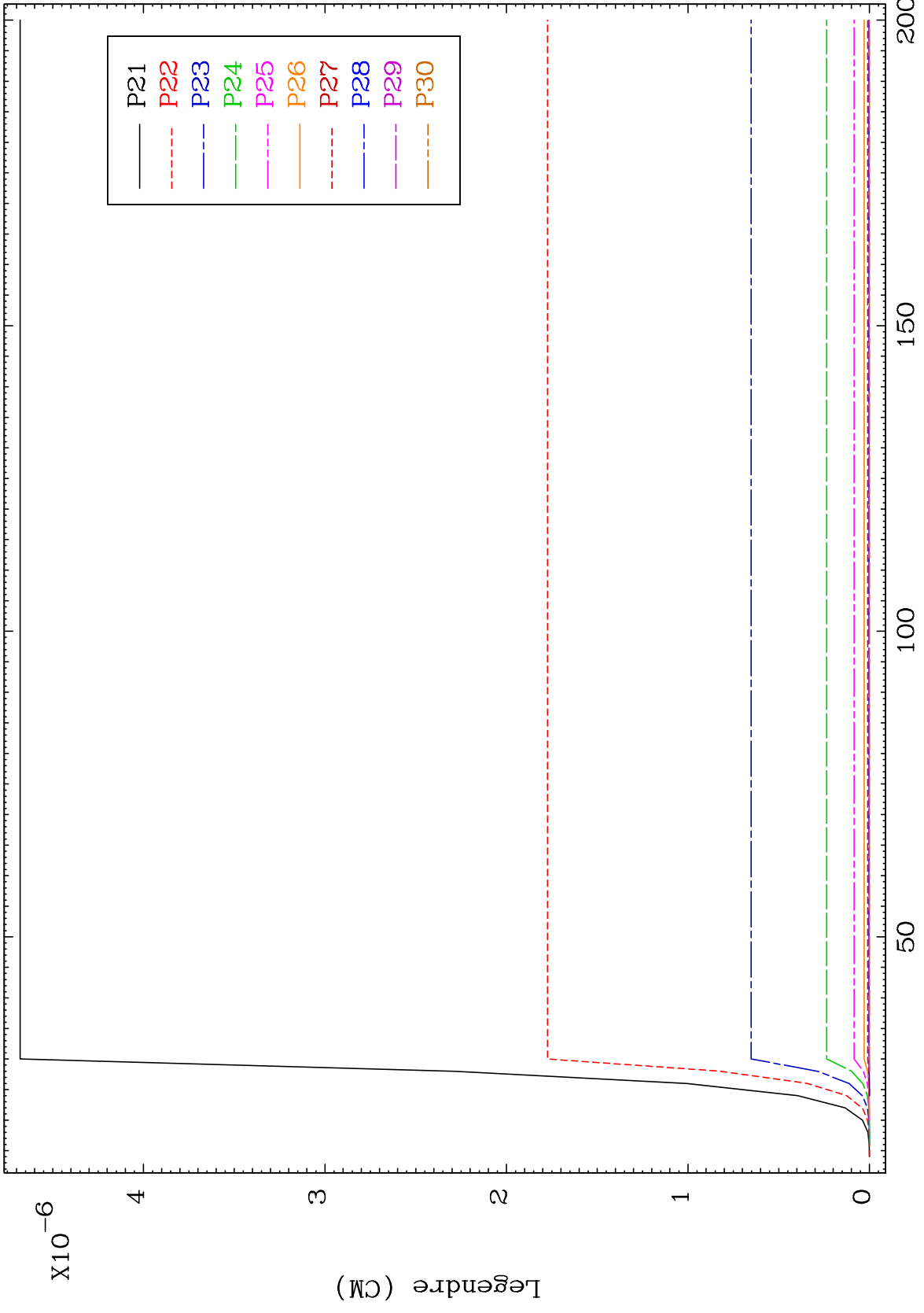


73 16-S -42

MAT 1655

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

16-S -42



74

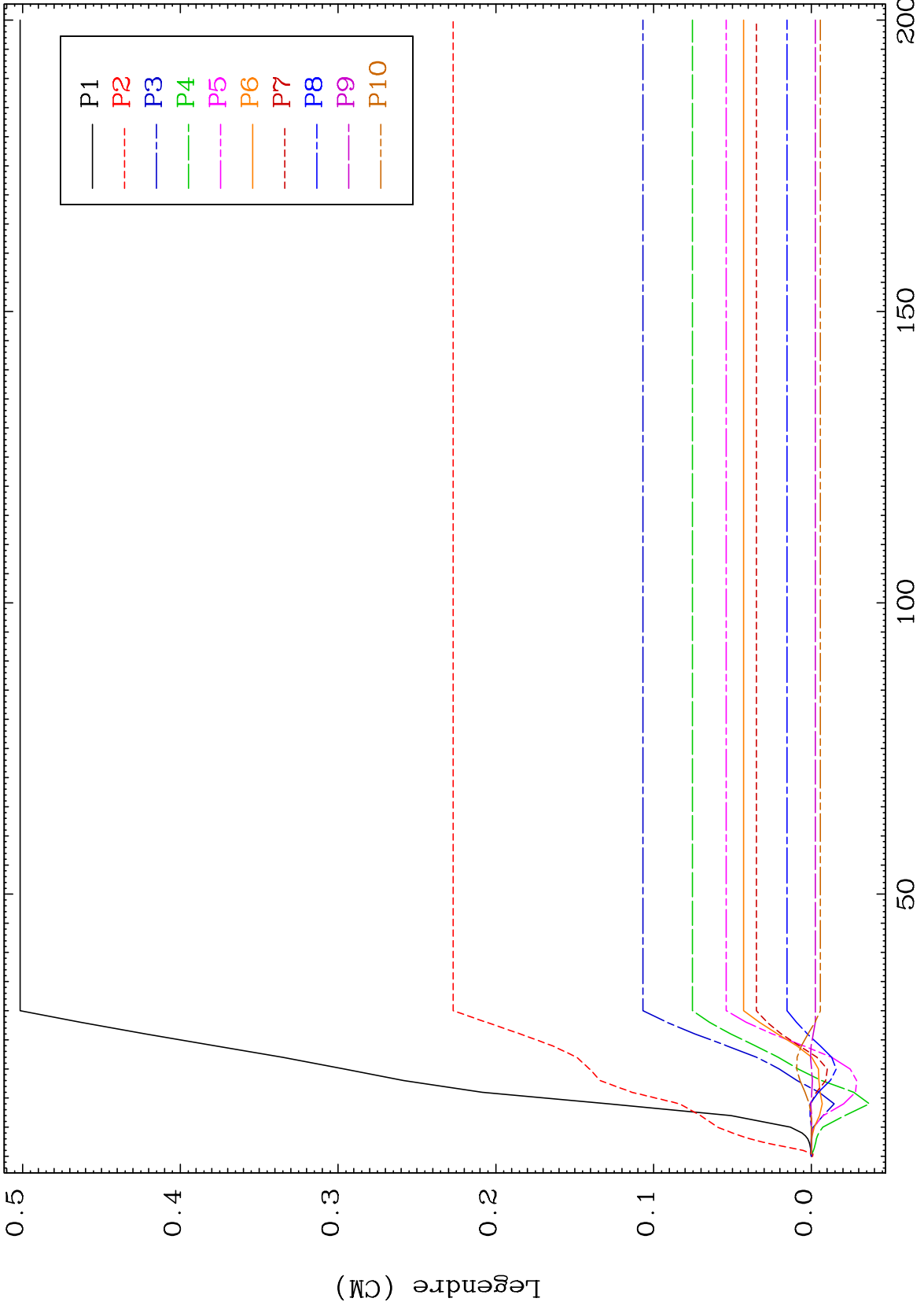
Incident Energy (MeV)

16-S -42

MAT 1655 MT= 71 (n,n') Level Legendre Coefficients

16-S -42

16-S -42



75

50

100

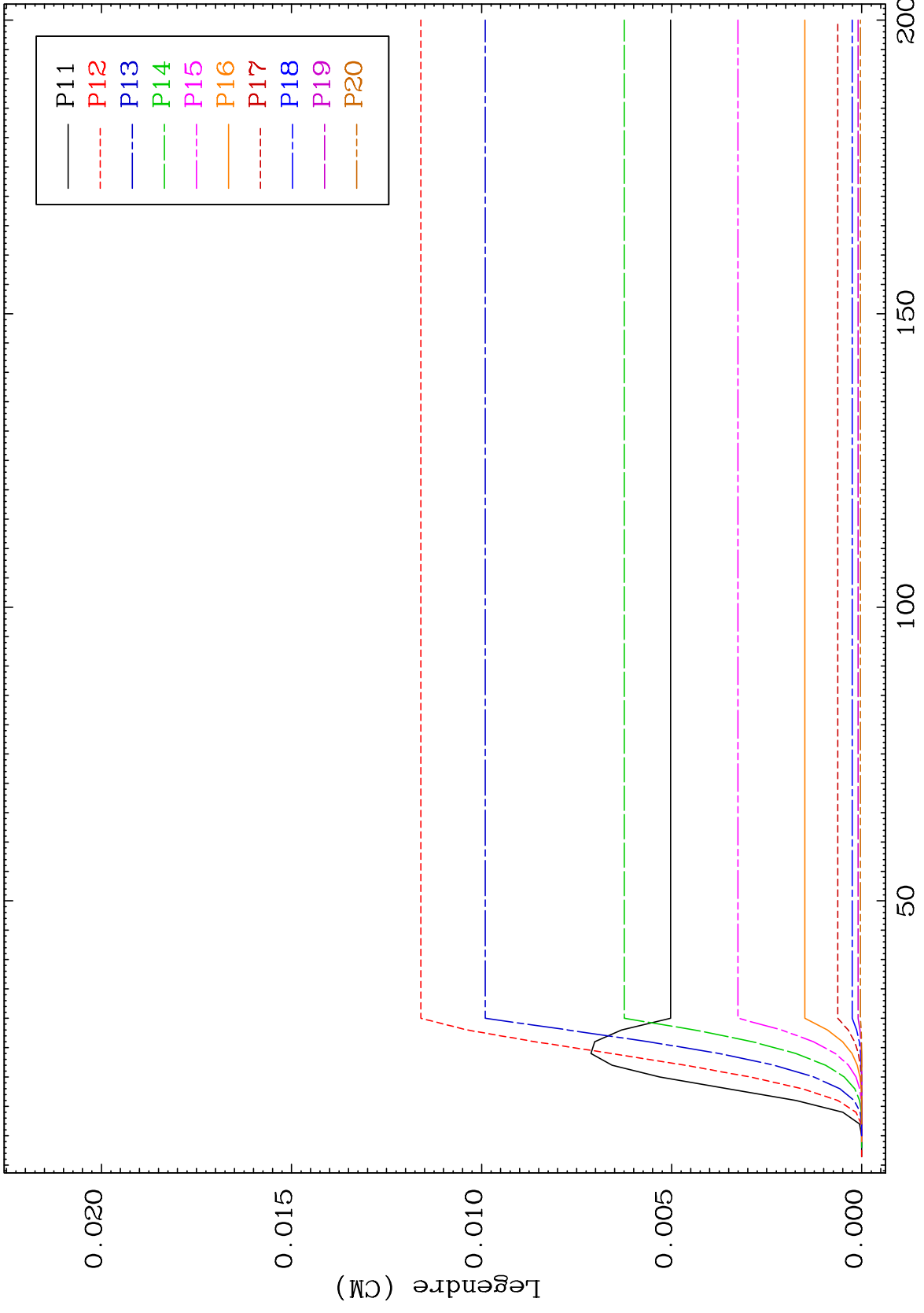
150

200

MAT 1655

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

16-S -42



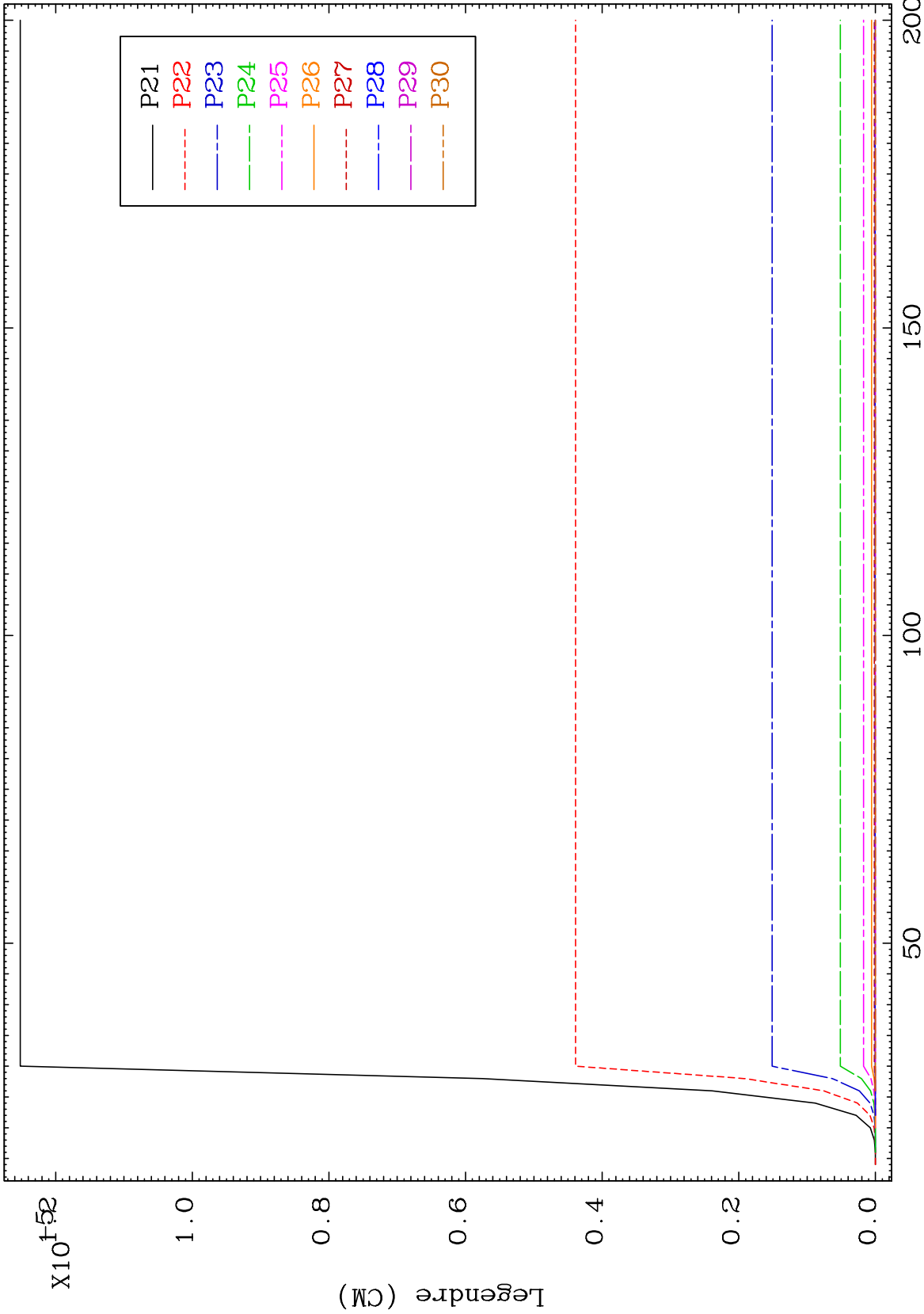
76

16-S -42

MAT 1655

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

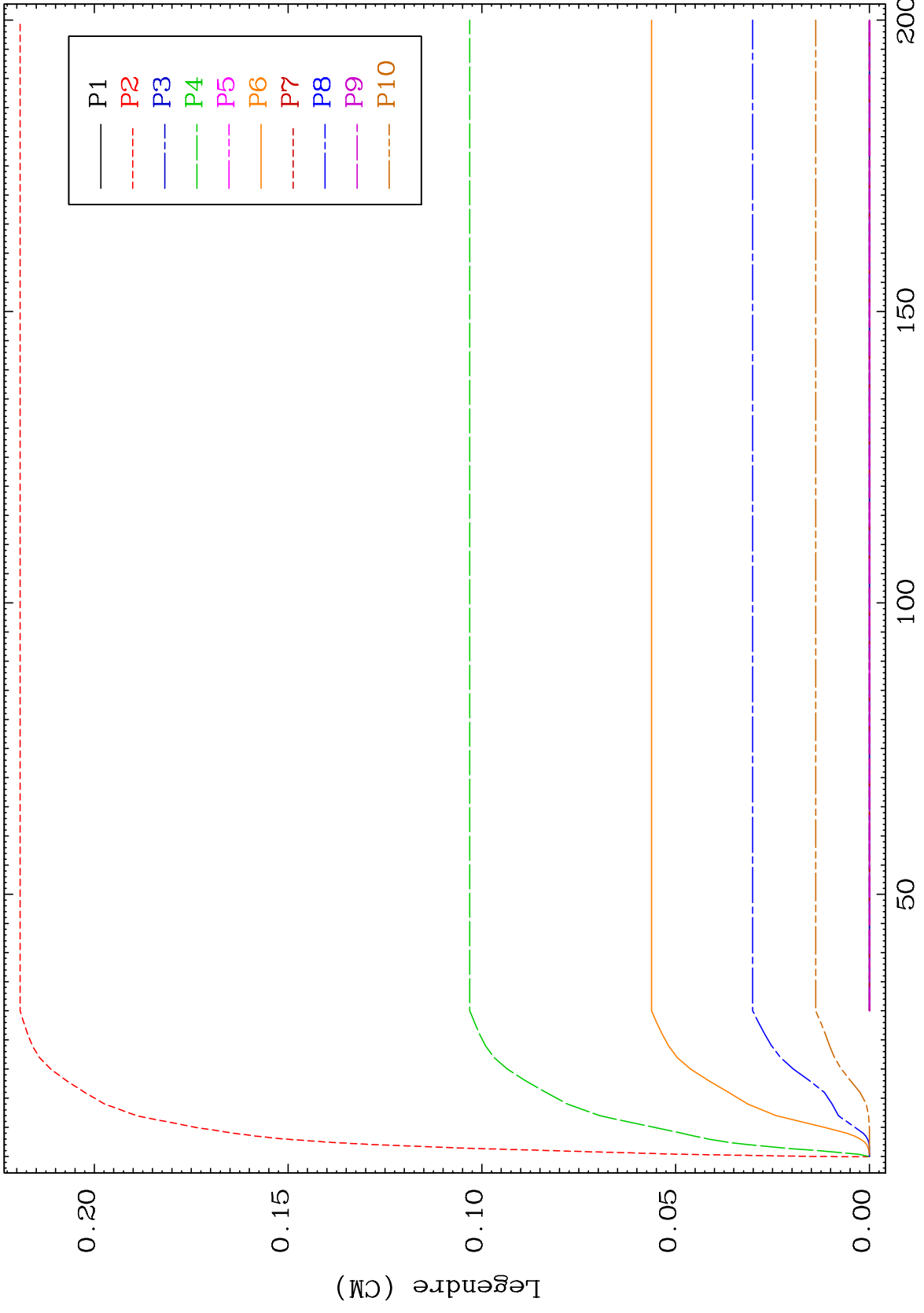
16-S -42



77

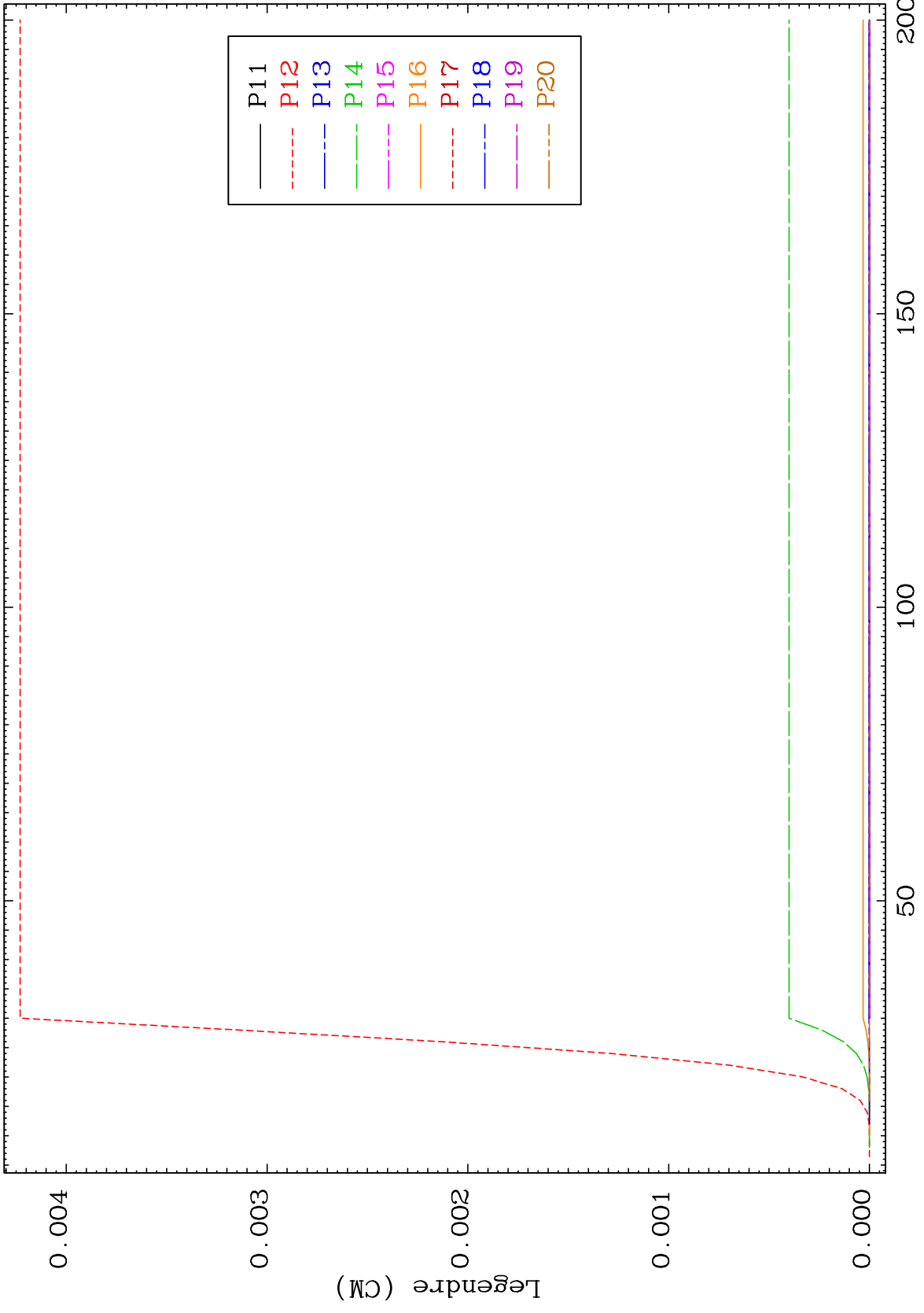
16-S -42

MAT 1655 MT= 72 (n,n') Level Legendre Coefficients 16-S -42



78 16-S -42

MAT 1655 MT= 72 (n,n') Level Legendre Coefficients 16-S -42

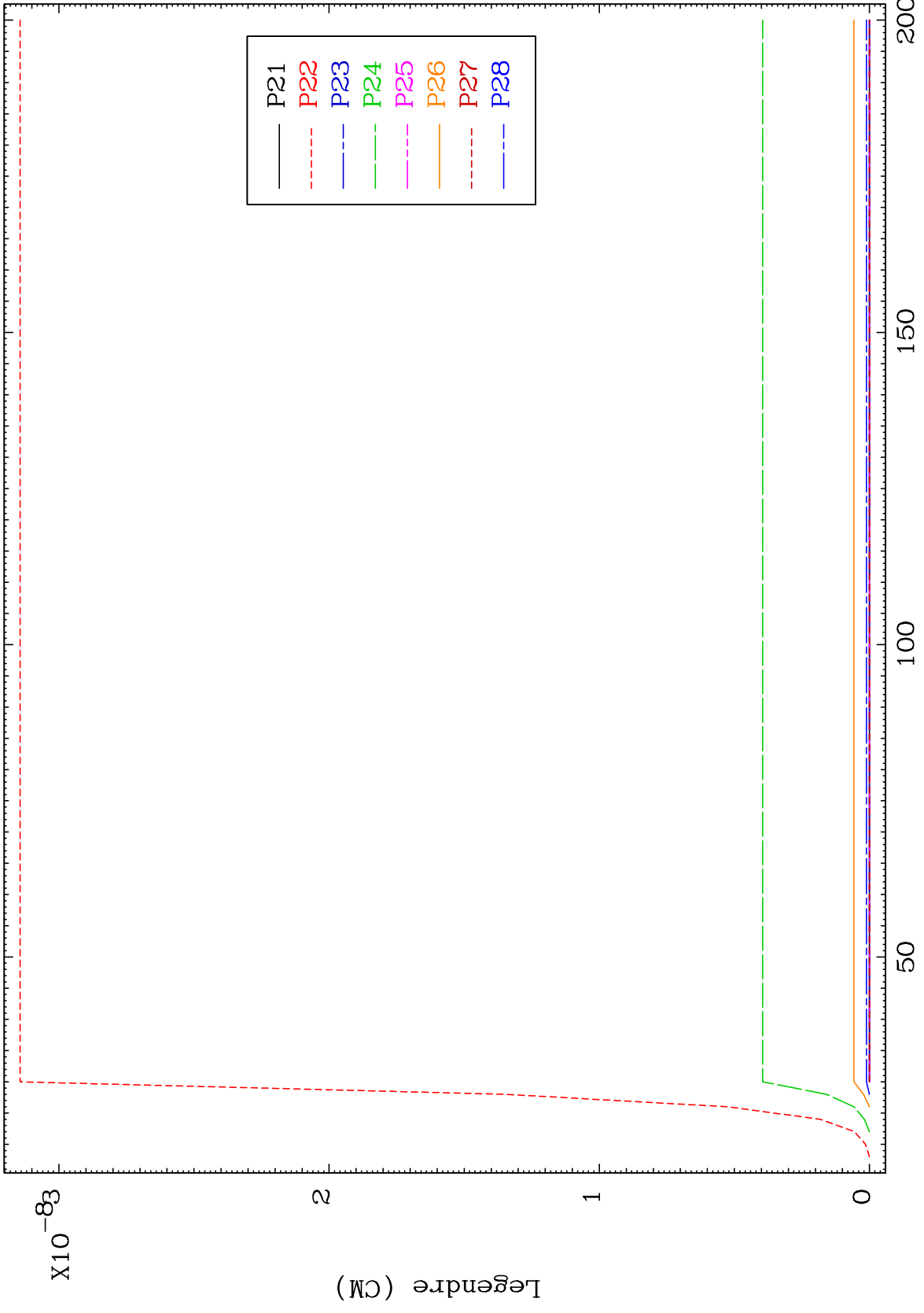


79 16-S -42

MAT 1655 MT= 72 (n,n') Level Legendre Coefficients

16-S -42

16-S -42



80

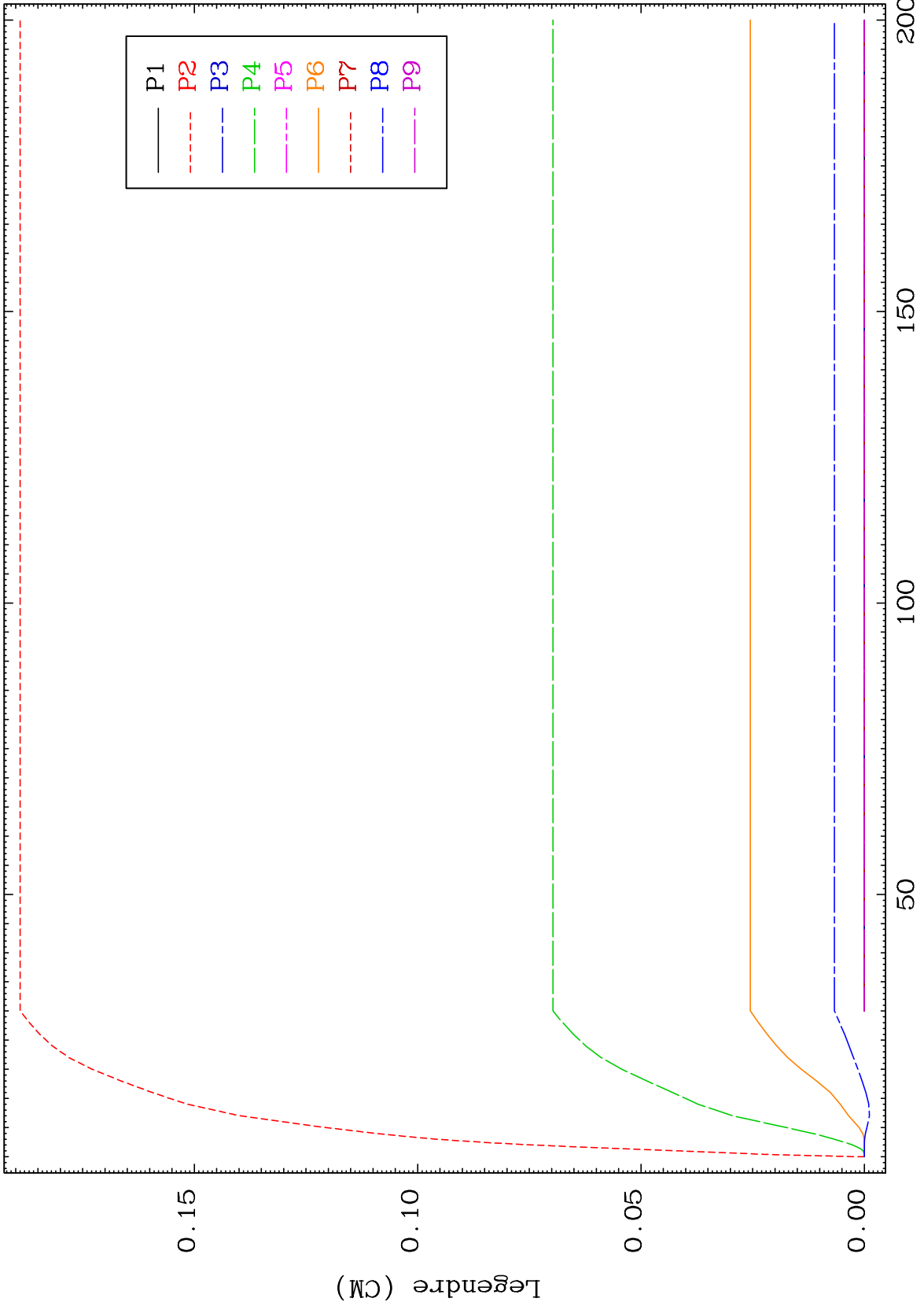
50

100

150

200

MAT 1655 MT= 73 (n,n') Level Legendre Coefficients 16-S -42

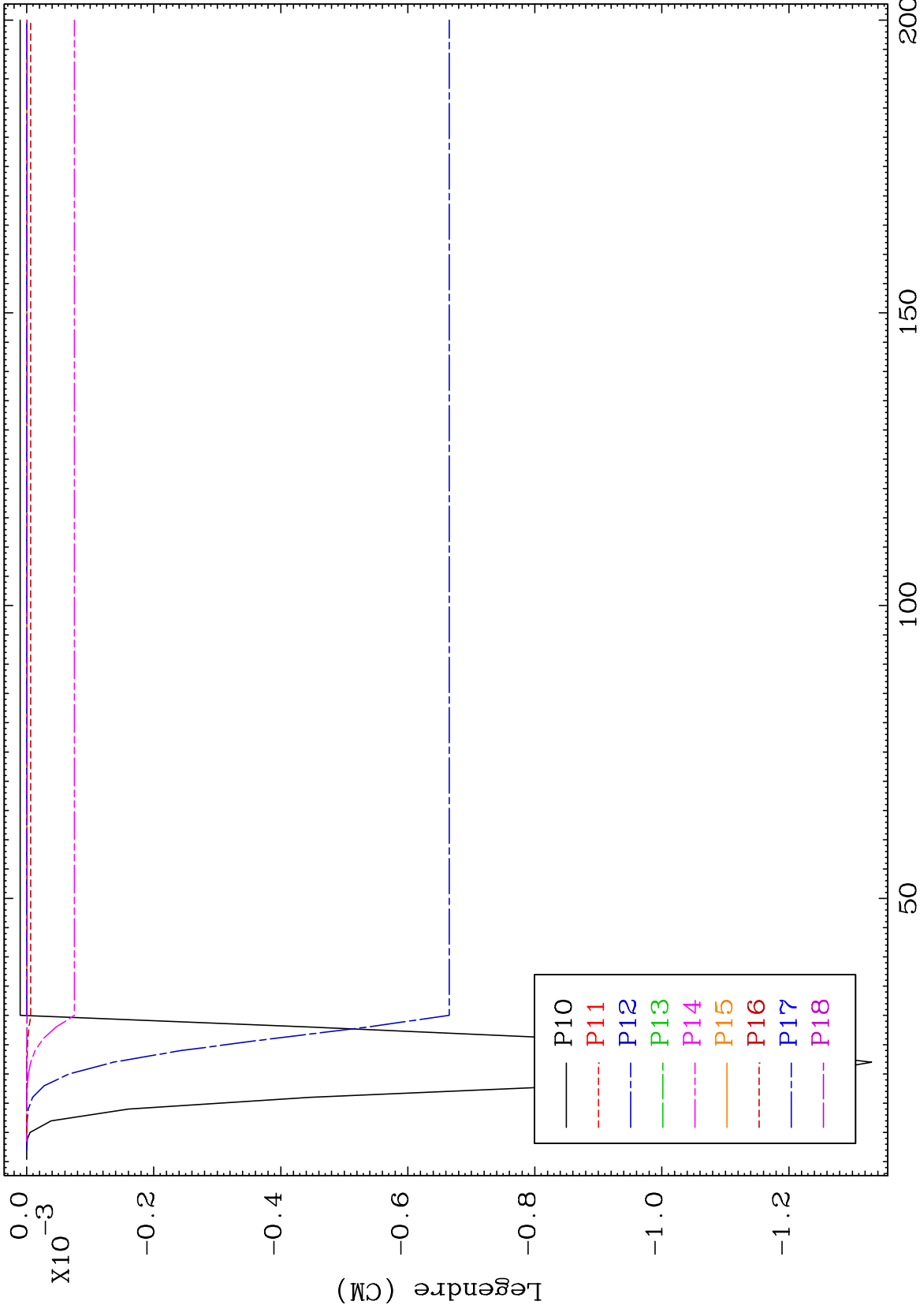


81 16-S -42

MAT 1655

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

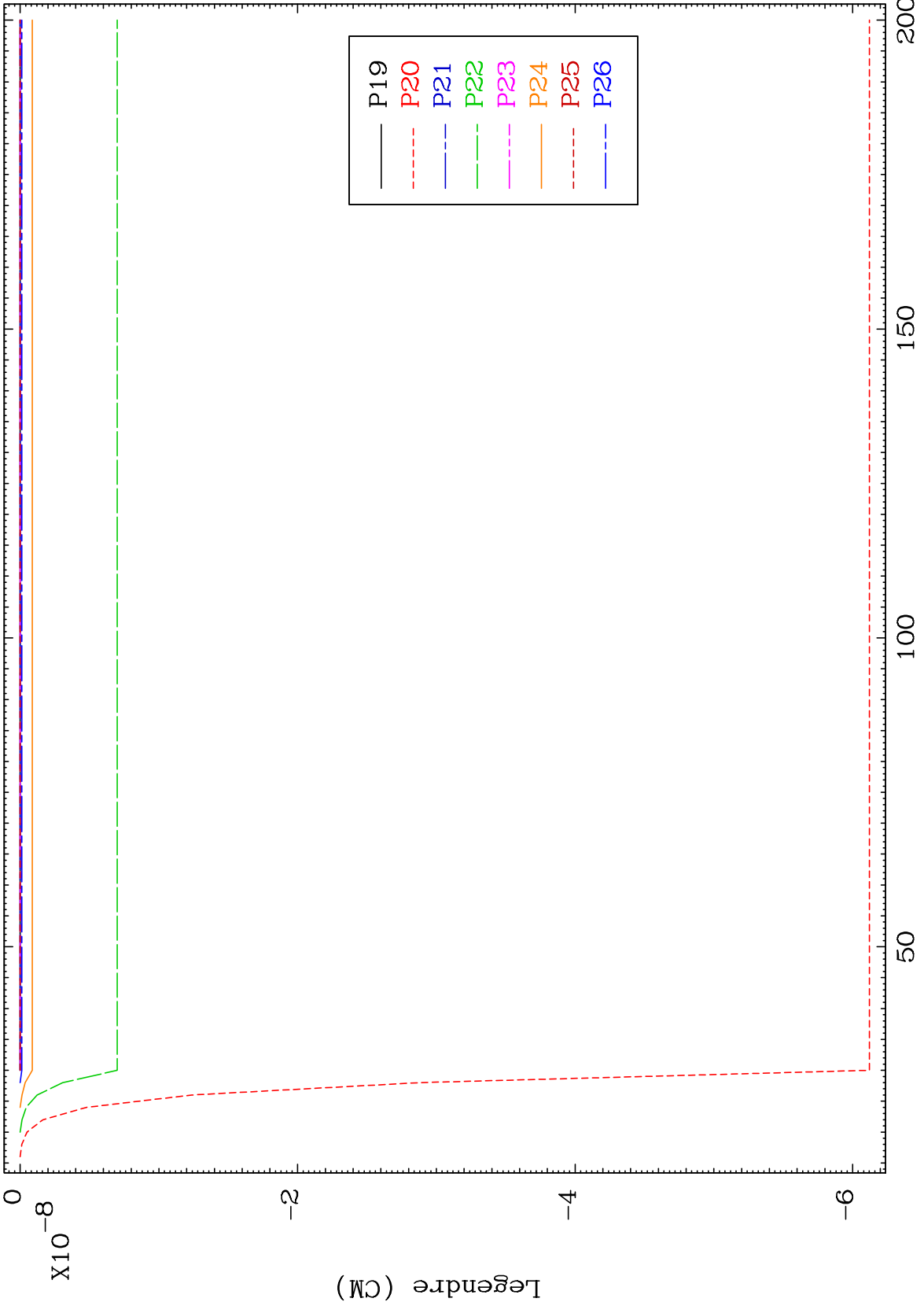
16-S -42



82

16-S -42

MAT 1655 MT= 73 (n,n') Level Legendre Coefficients 16-S -42

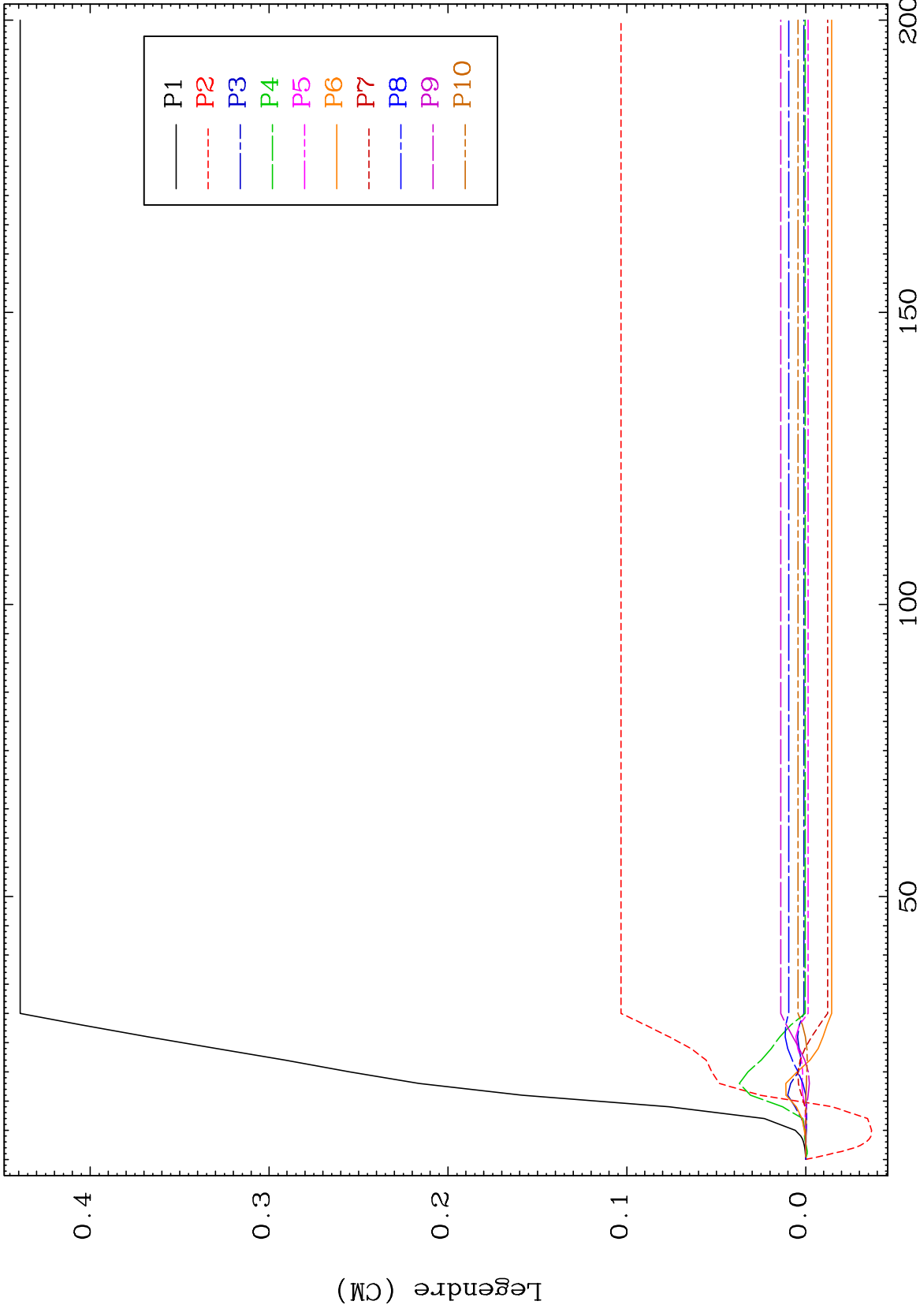


83 16-S -42

MAT 1655

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

16-S -42

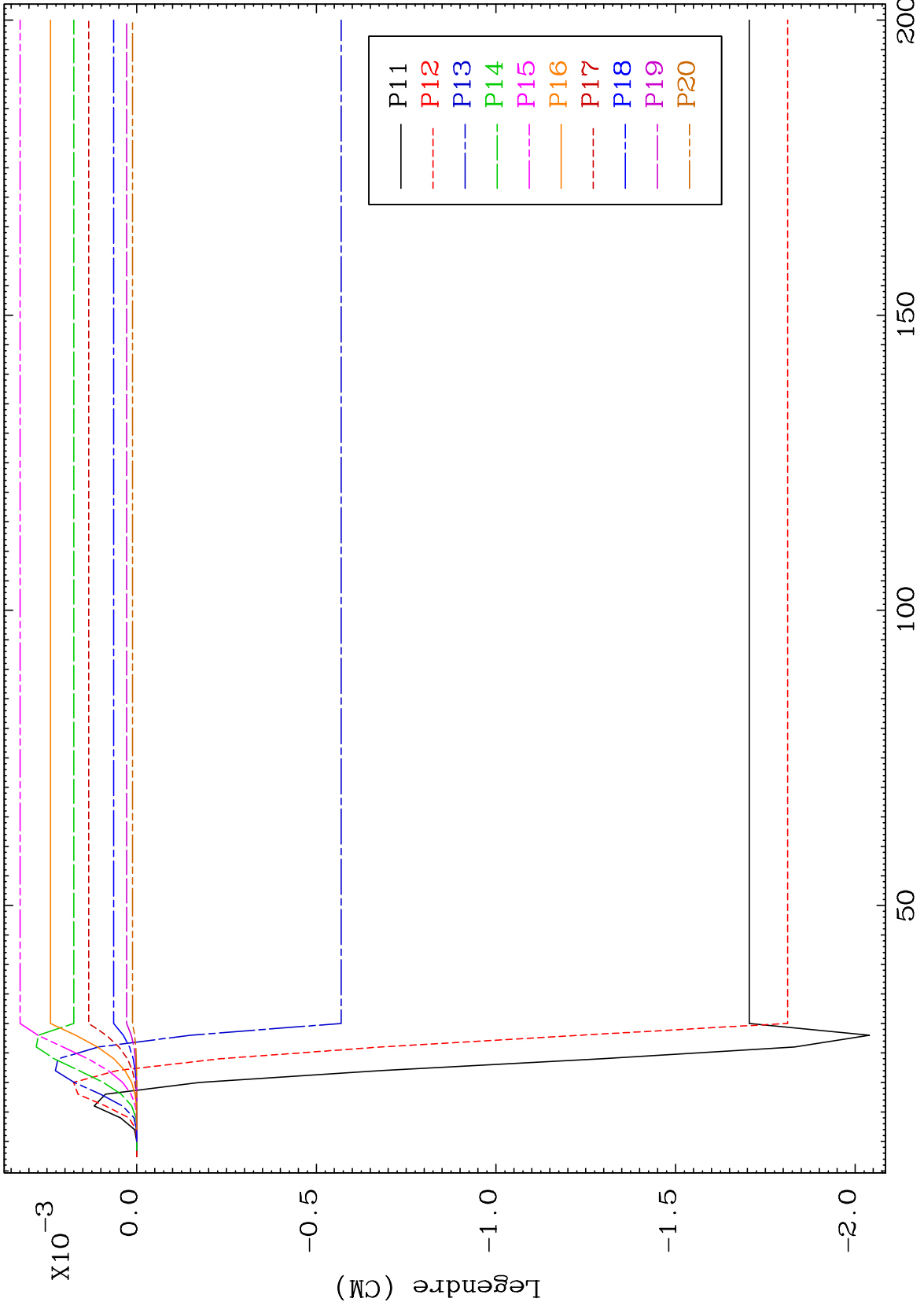


84

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 74 (n,n') Level Legendre Coefficients 16-S -42

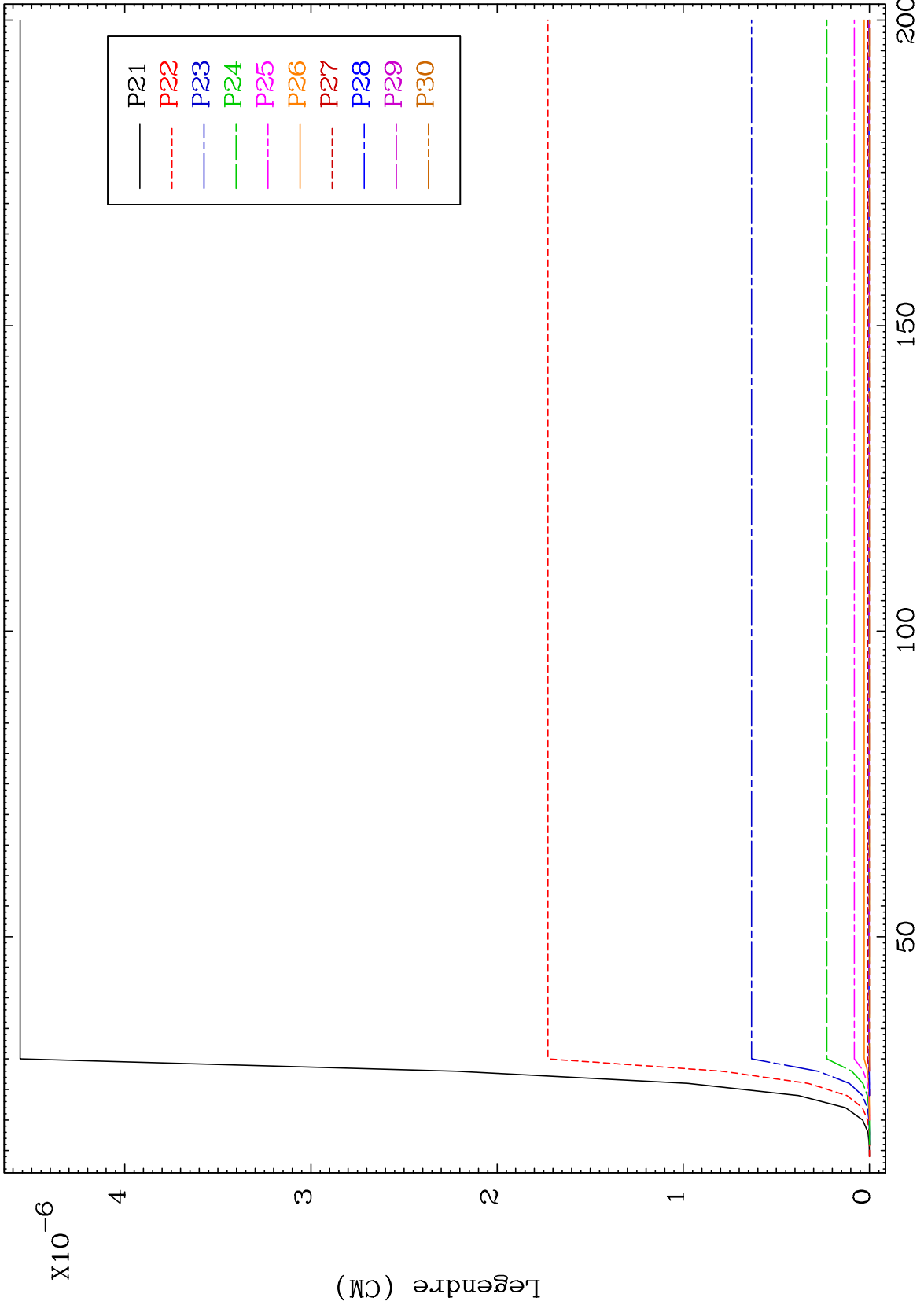


85 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42

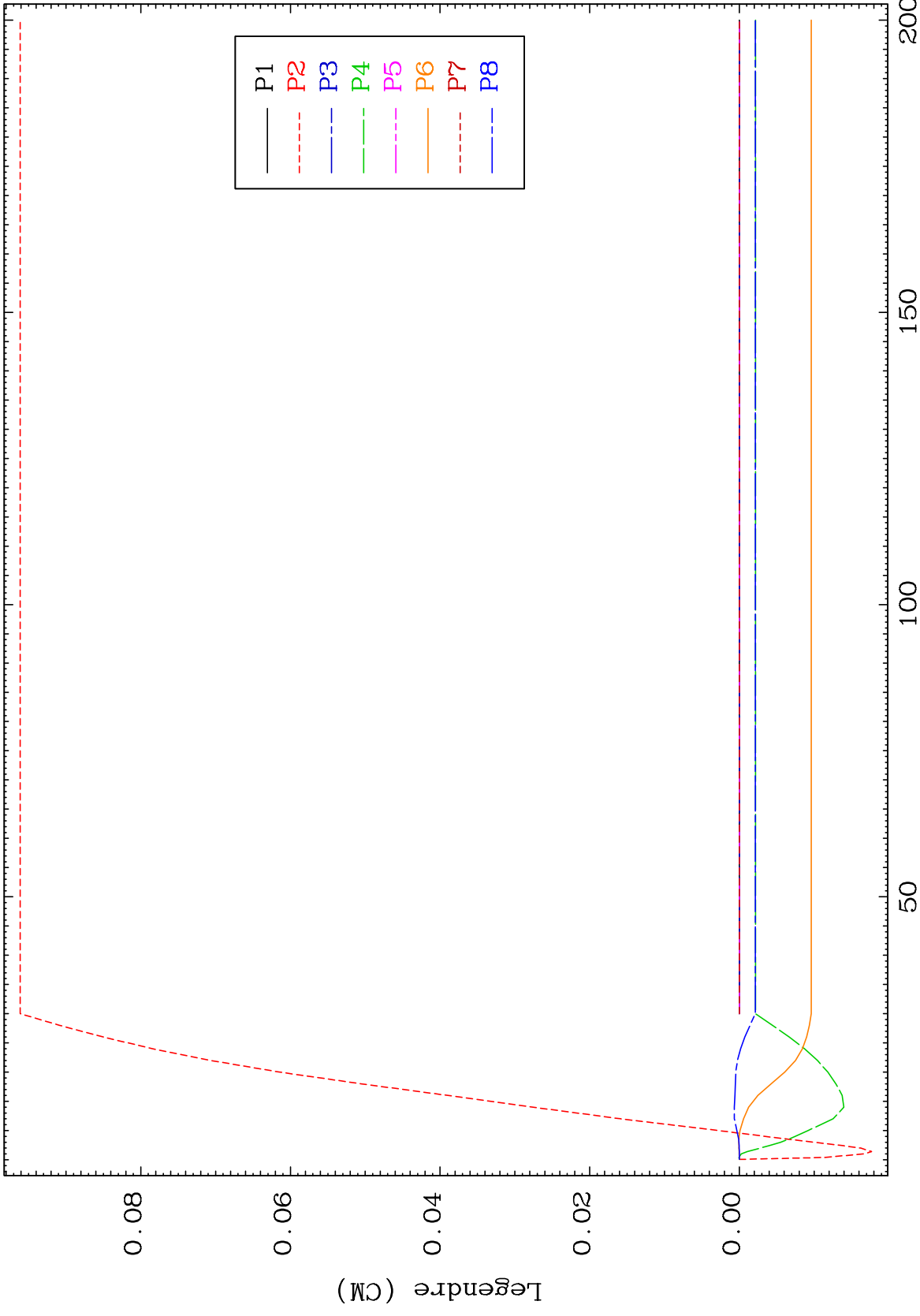


86

Incident Energy (MeV)

16-S -42

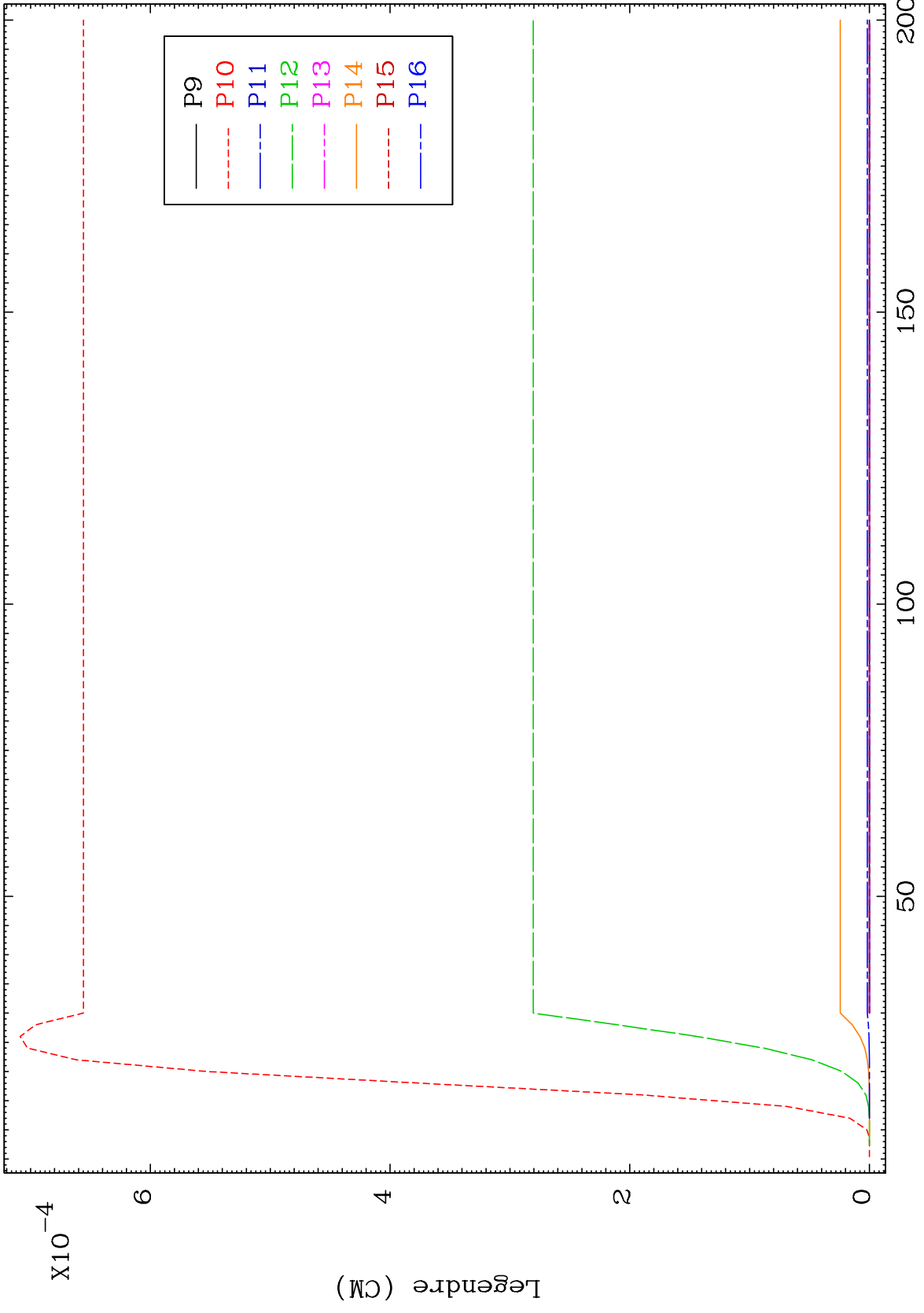
MAT 1655 MT= 75 (n,n') Level Legendre Coefficients 16-S -42



MAT 1655

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

16-S -42

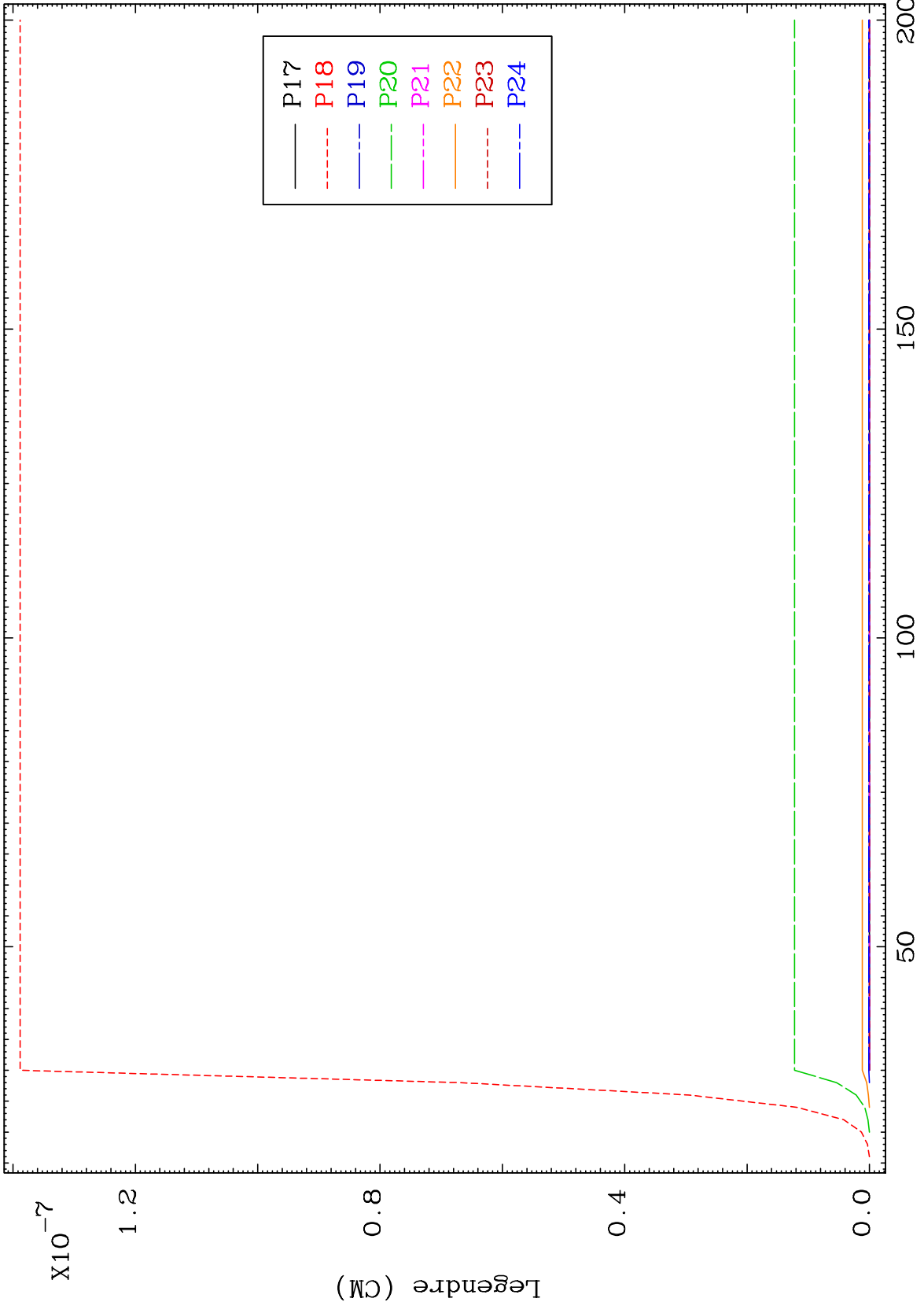


88

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 75 (n,n') Level Legendre Coefficients 16-S -42



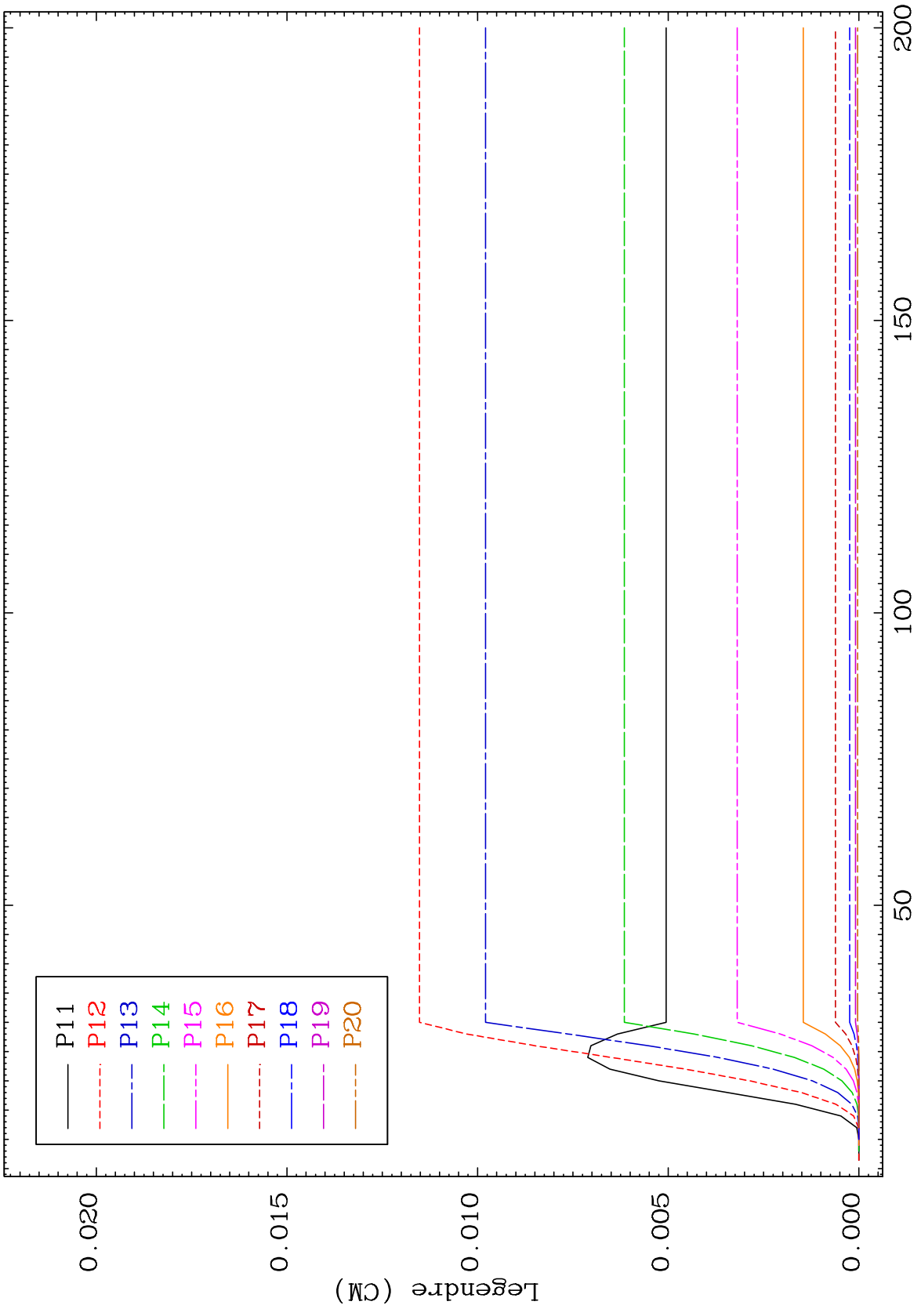
16-S -42

89

MAT 1655

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

16-S -42



91

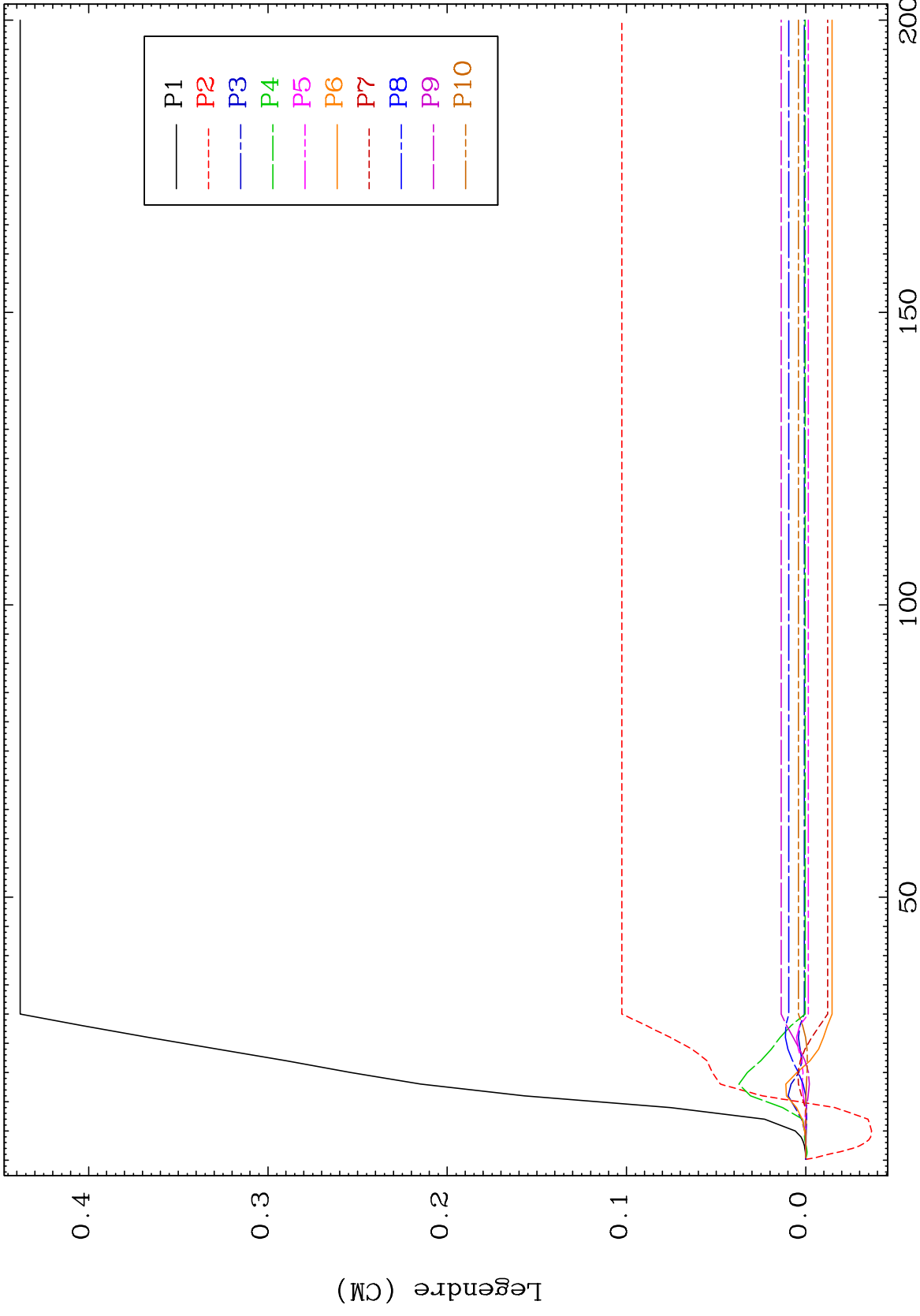
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



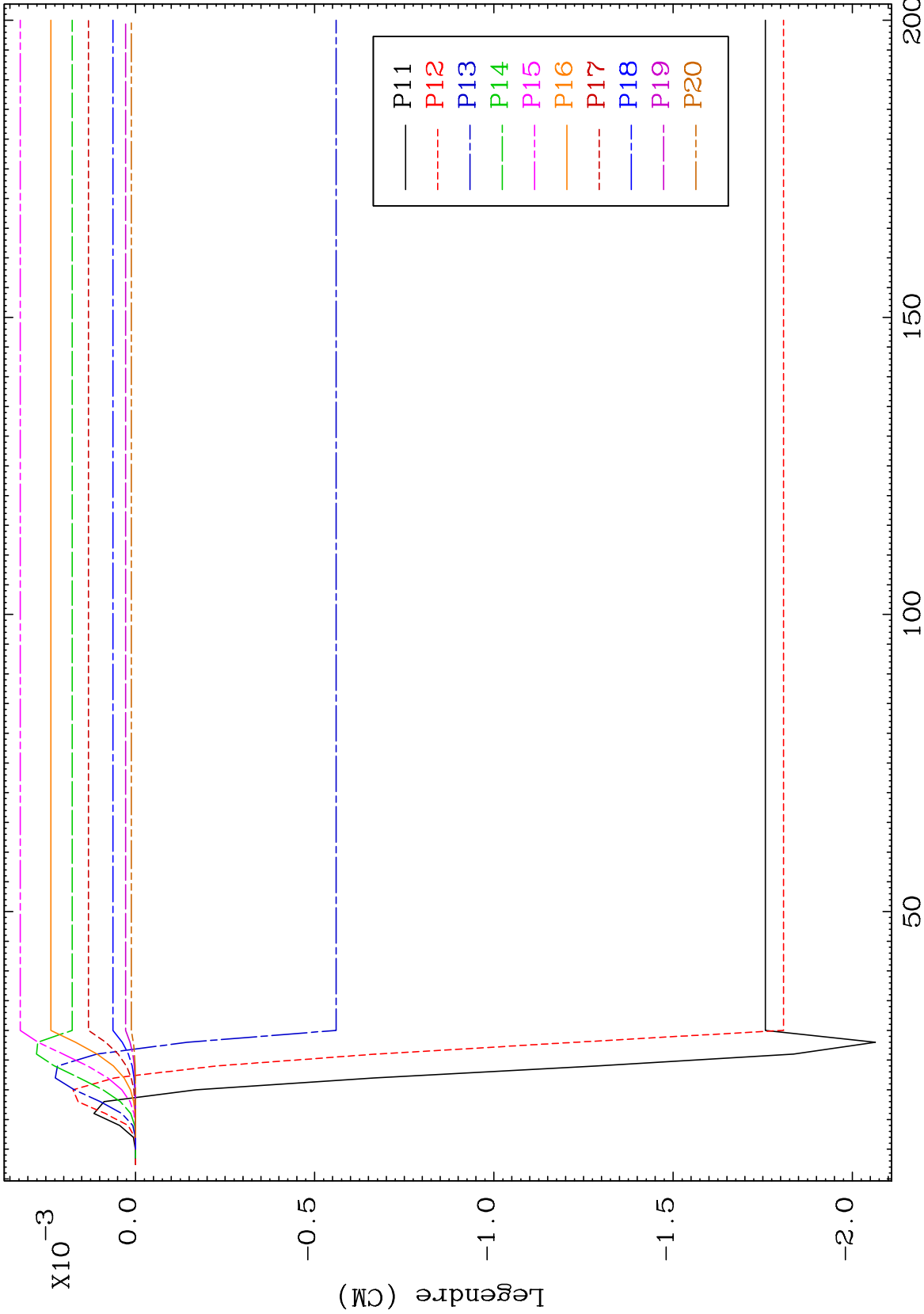
93

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 77 (n,n') Level Legendre Coefficients

16-S -42



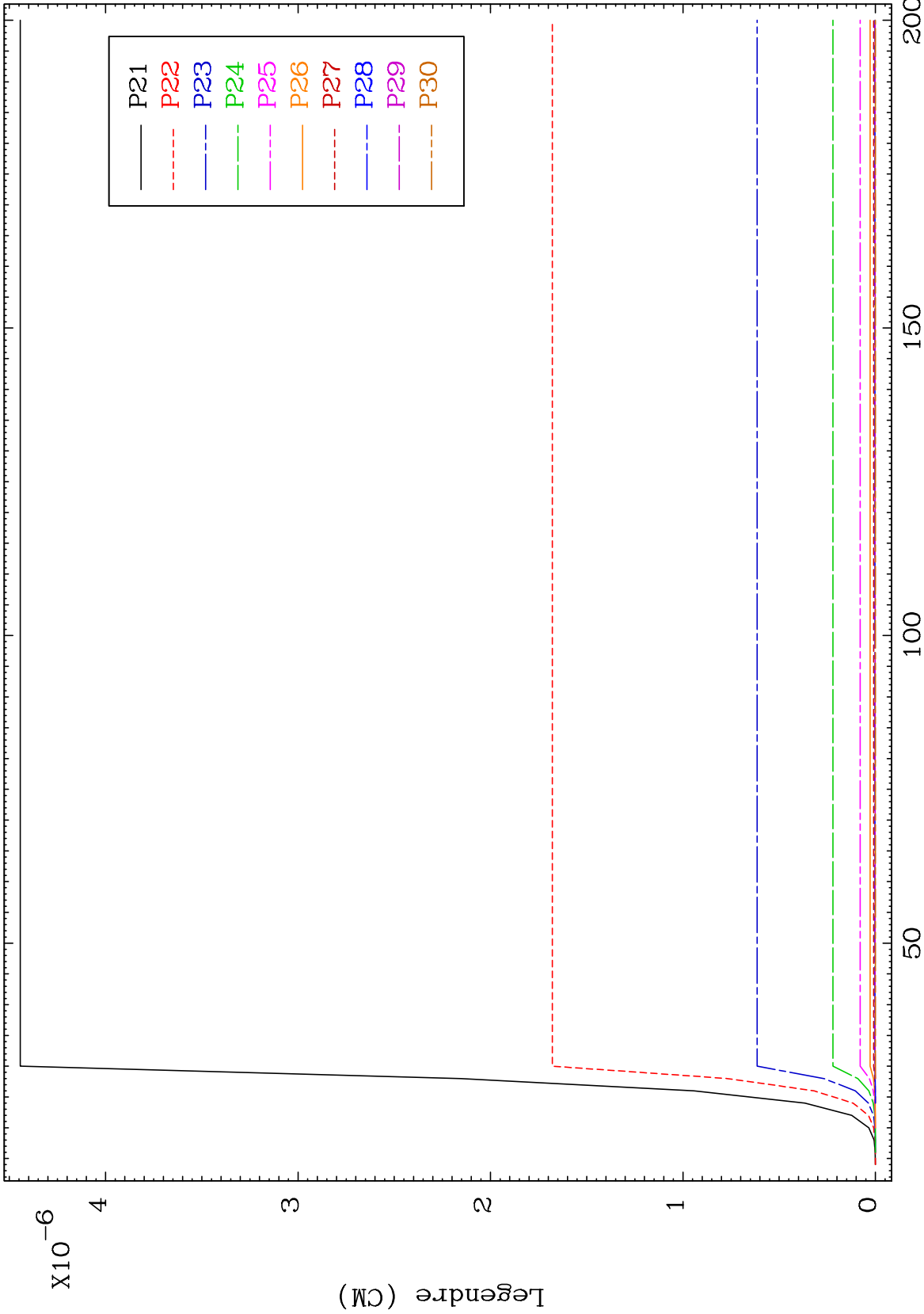
16-S -42

Incident Energy (MeV)

MAT 1655

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

16-S -42

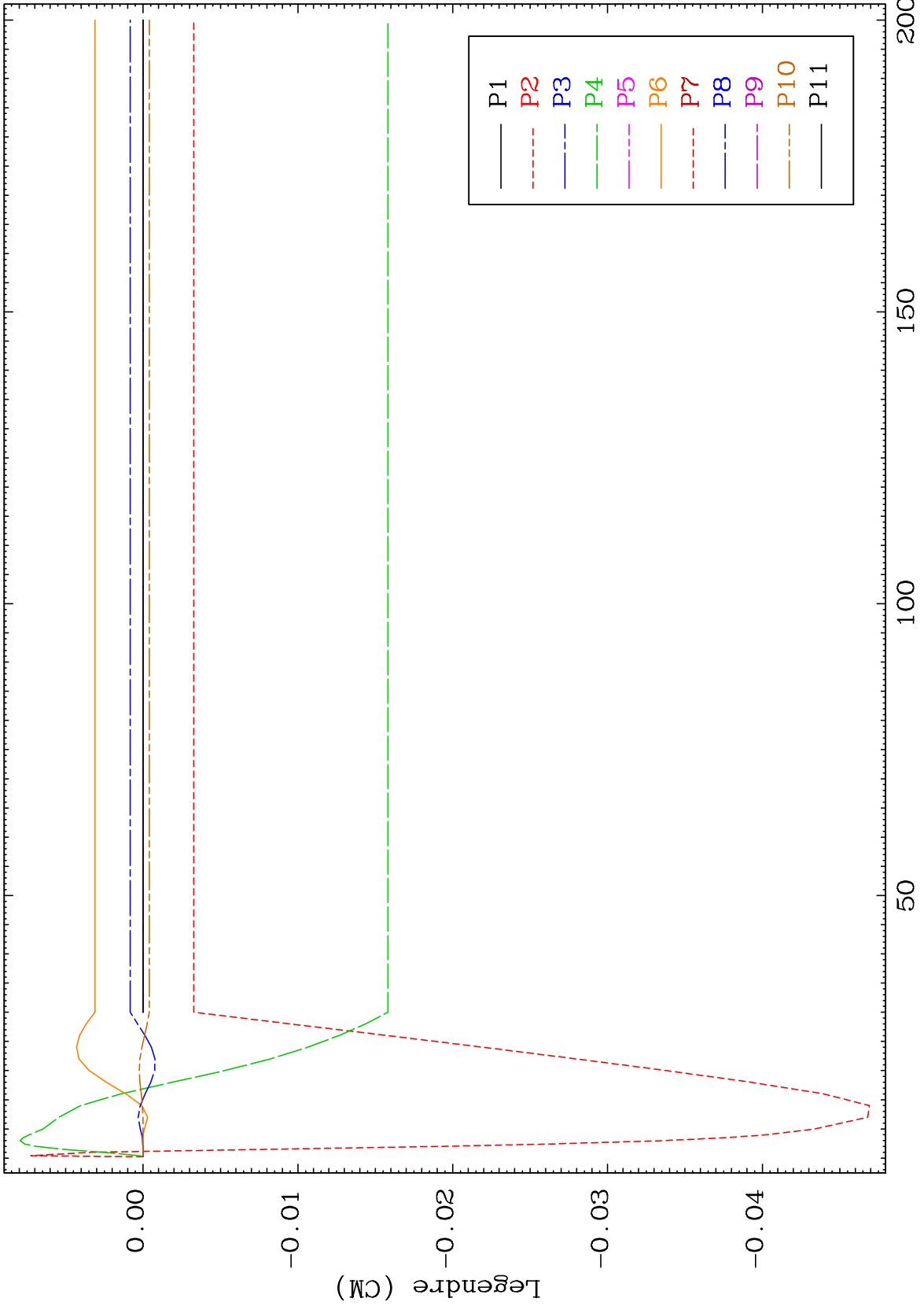


95

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 78 (n,n') Level Legendre Coefficients 16-S -42

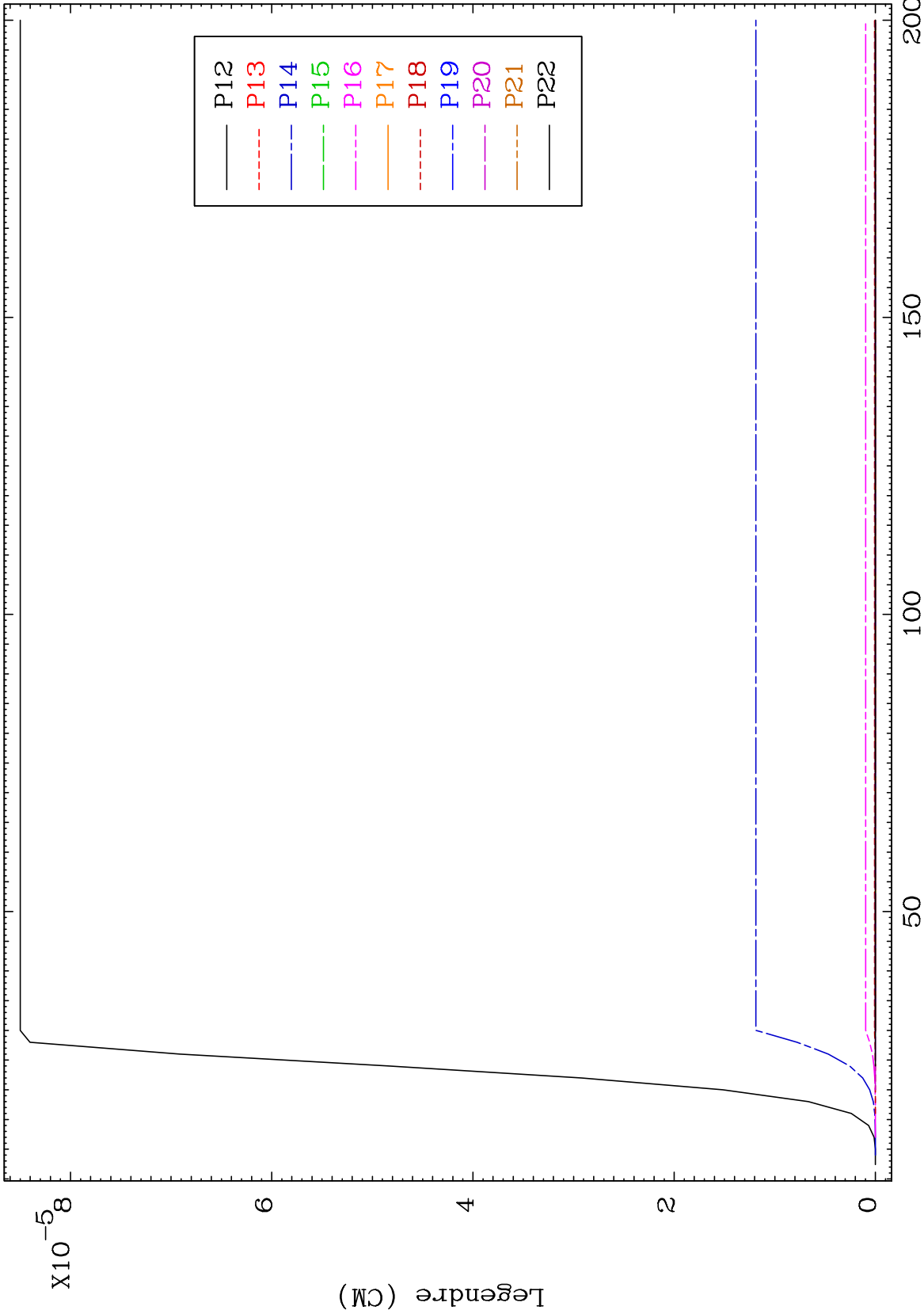


96 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42

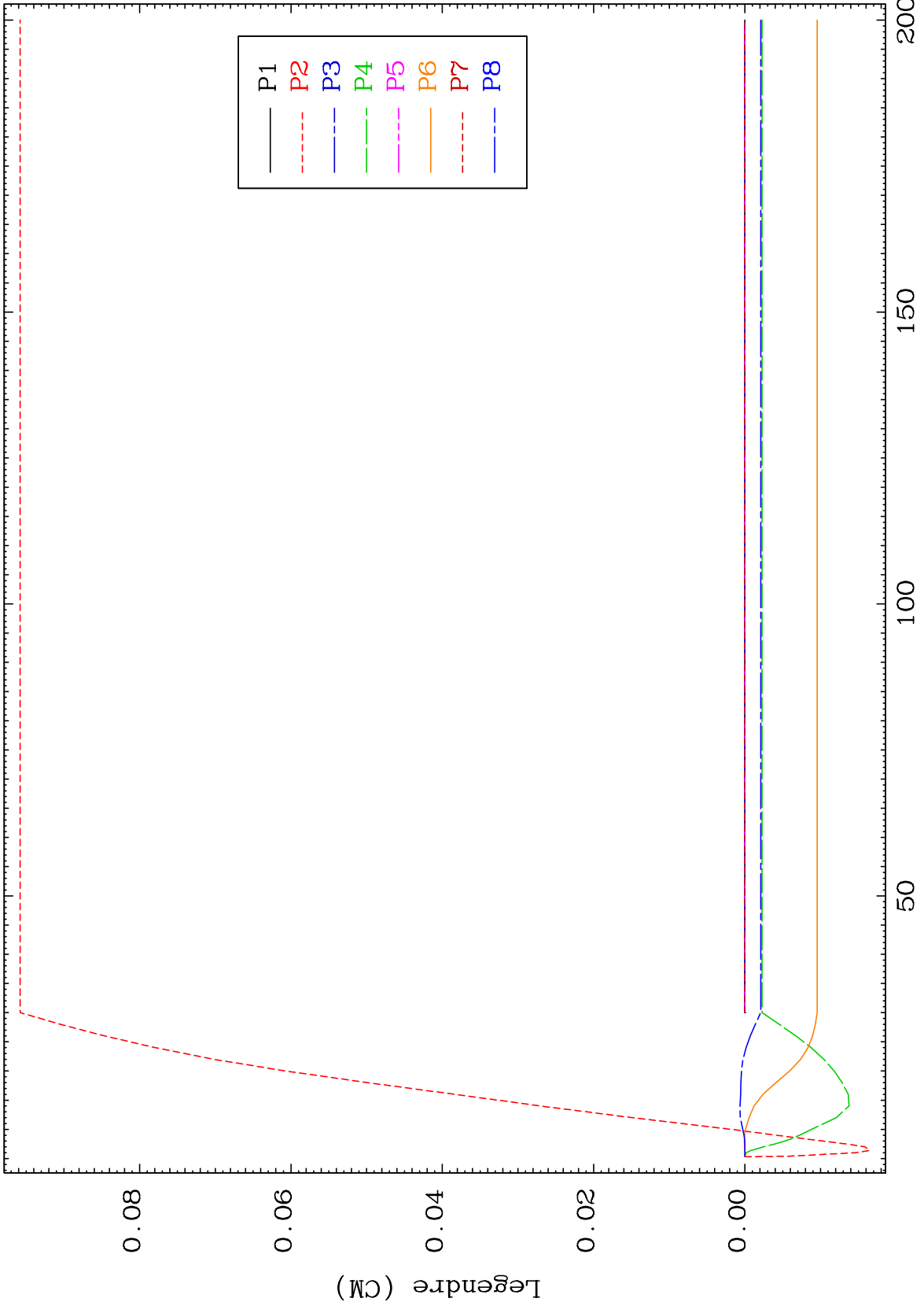


97

Incident Energy (MeV)

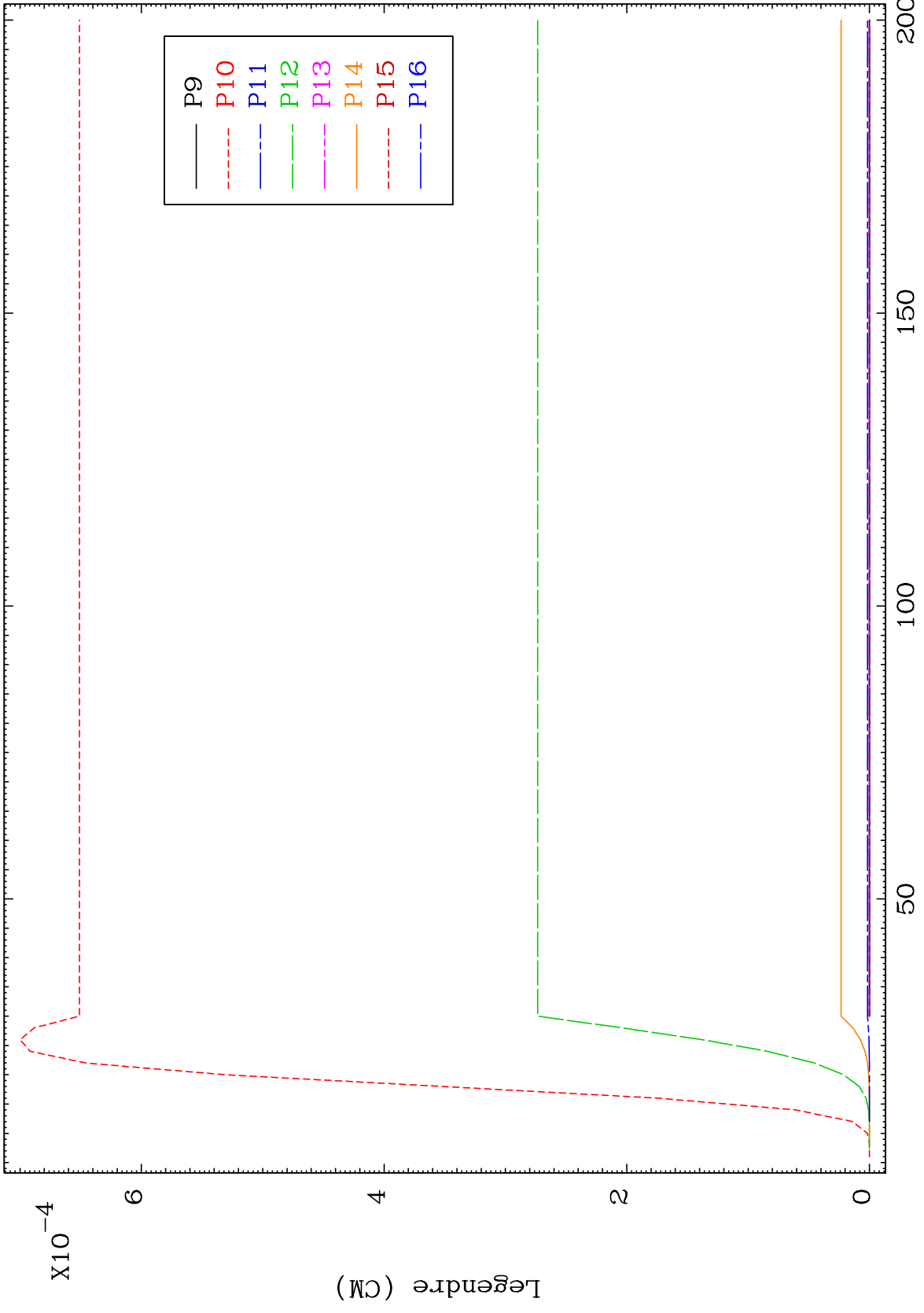
16-S -42

MAT 1655 MT= 79 (n,n') Level Legendre Coefficients 16-S -42



98 16-S -42

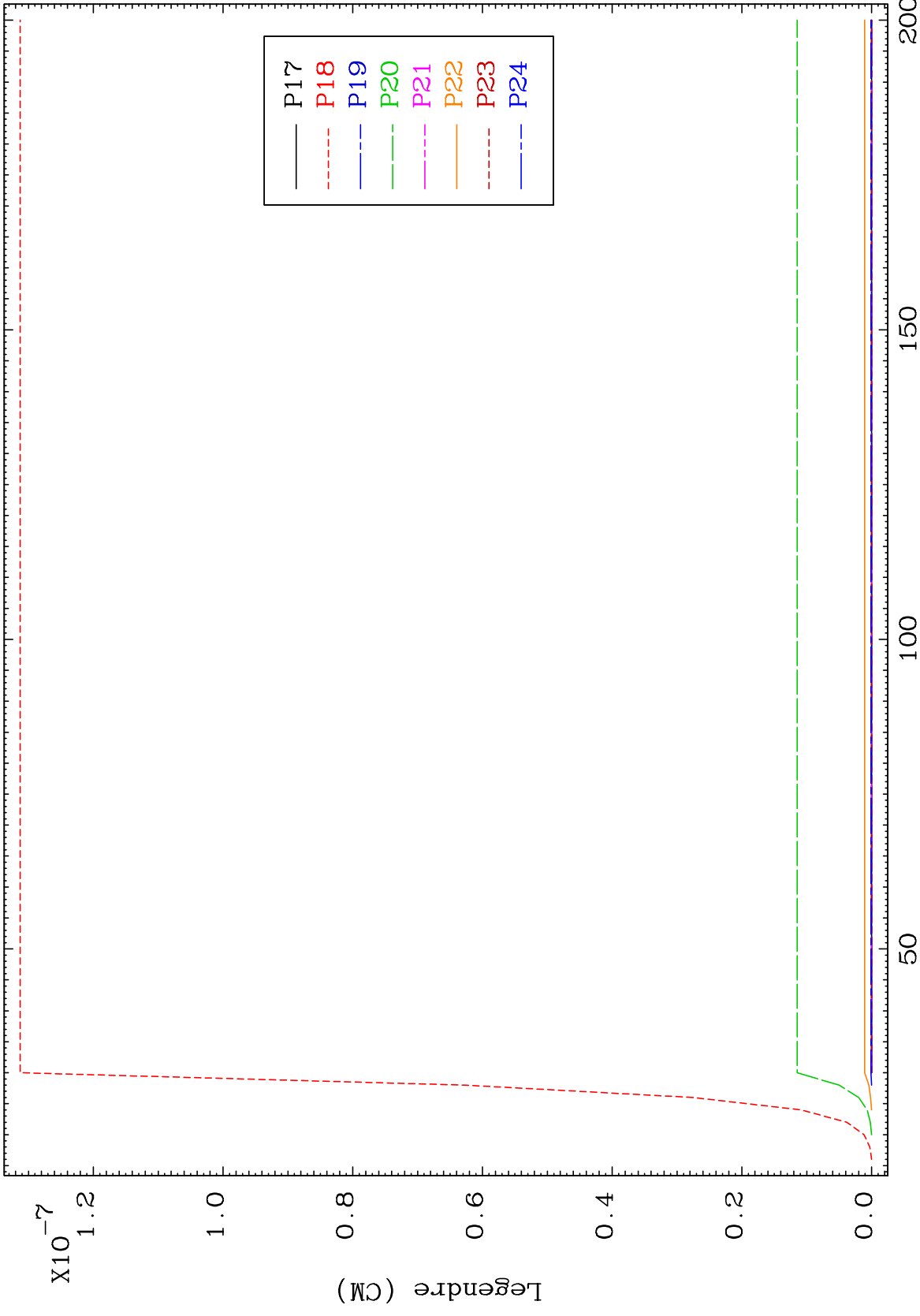
MAT 1655 MT= 79 (n,n') Level Legendre Coefficients 16-S -42



99 50 100 150 200 16-S -42

MAT 1655 MT= 79 (n,n') Level Legendre Coefficients

16-S -42



16-S -42

Incident Energy (MeV)

100

50

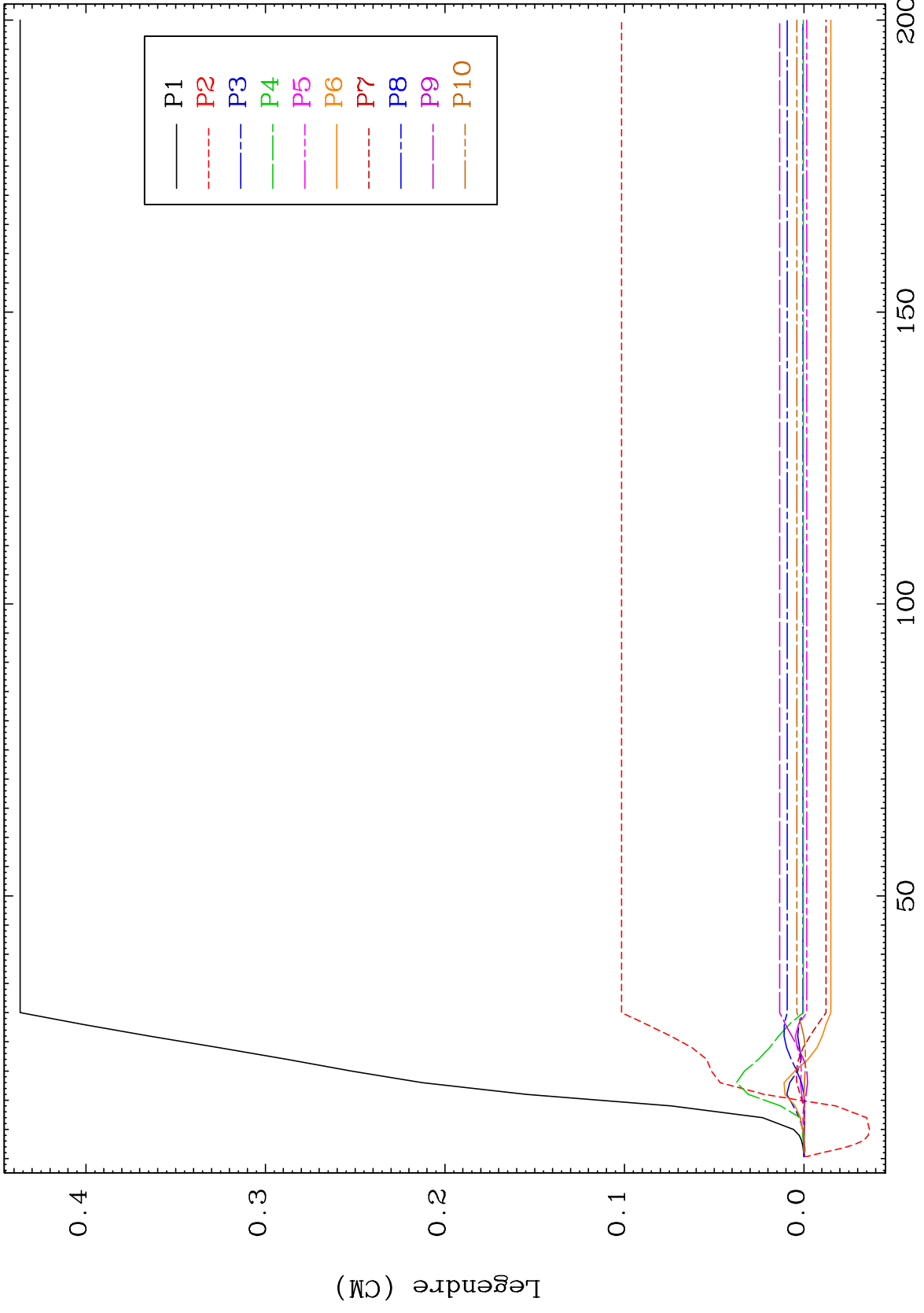
100

150

200

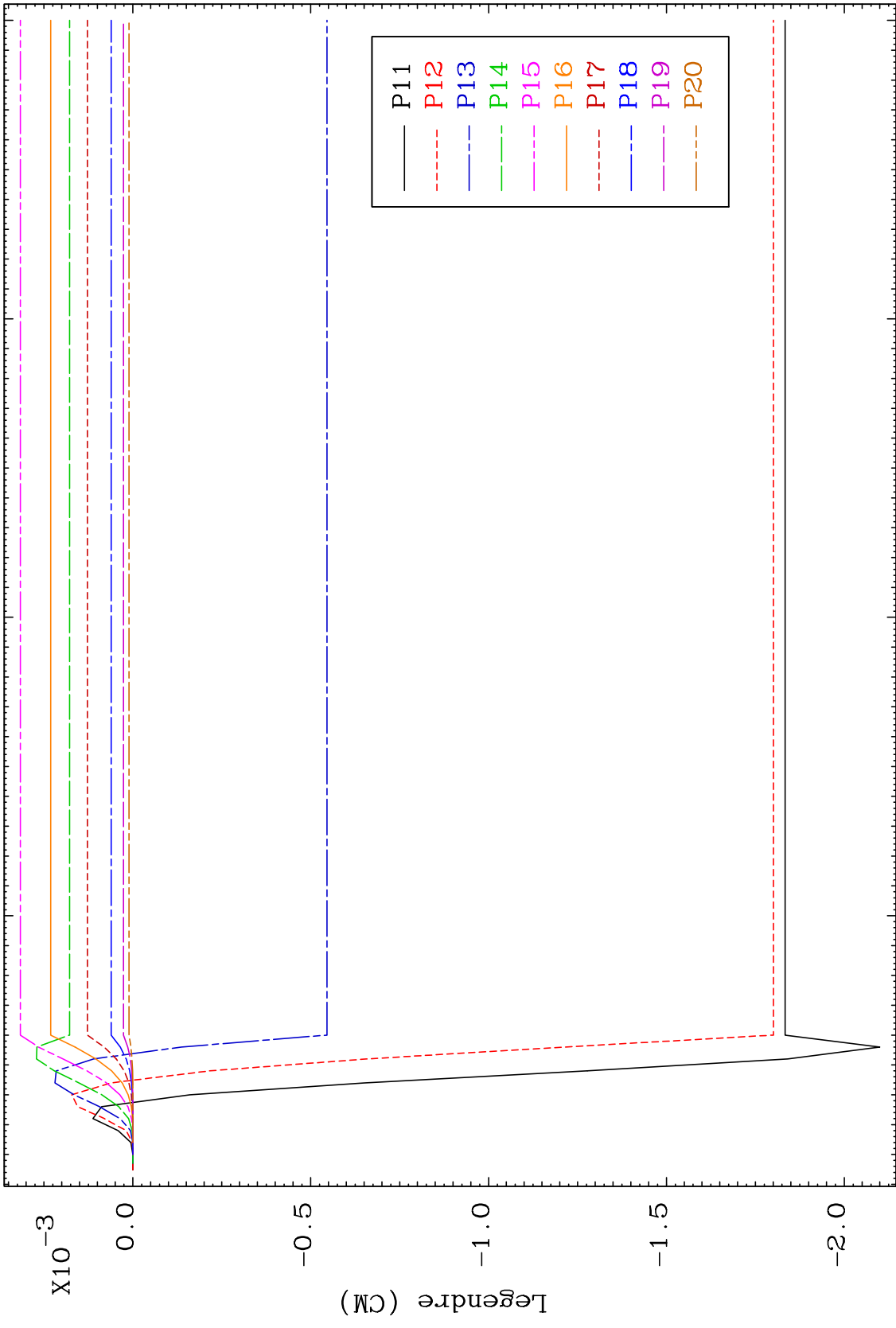
Legendre (CM)
 $\times 10^{-7}$

MAT 1655 MT= 80 (n,n') Level Legendre Coefficients 16-S -42



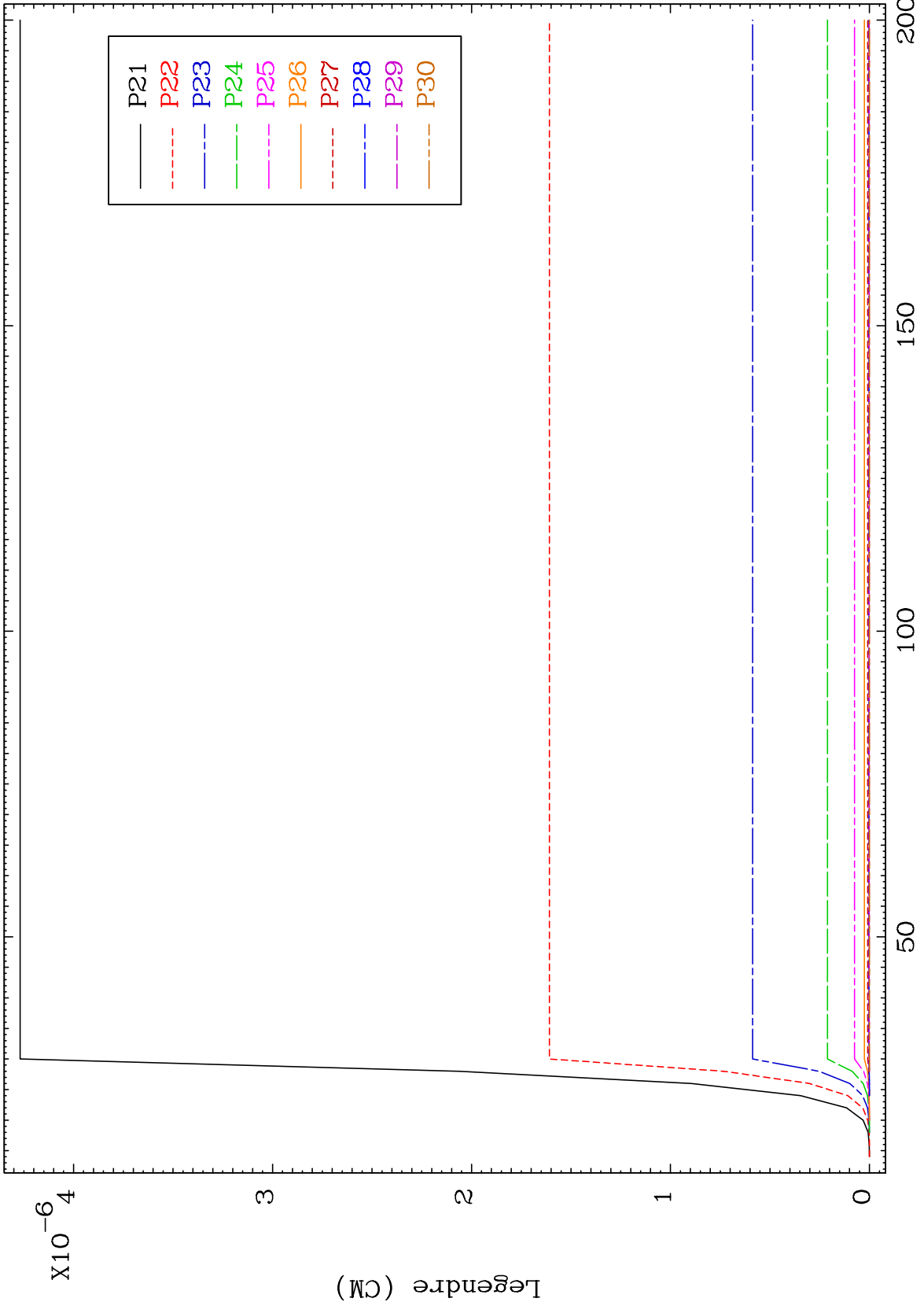
101 Incident Energy (MeV) 16-S -42

MAT 1655 MT= 80 (n,n') Level Legendre Coefficients 16-S -42



102 50 100 150 200 16-S -42

MAT 1655 MT= 80 (n,n') Level Legendre Coefficients 16-S -42



103 50 100 150 200 16-S -42