

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

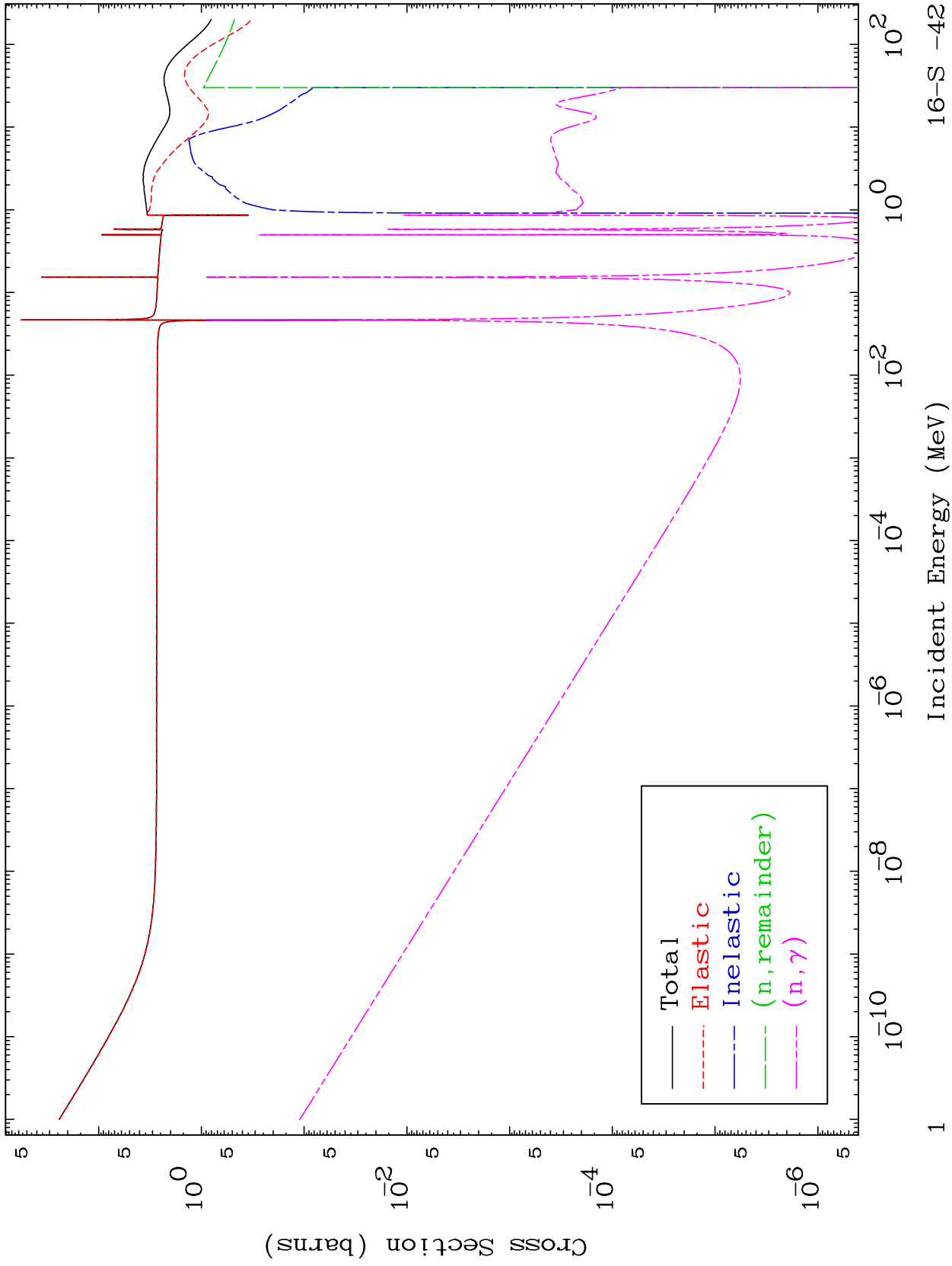
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1655

Major
293 Kelvin Cross Sections

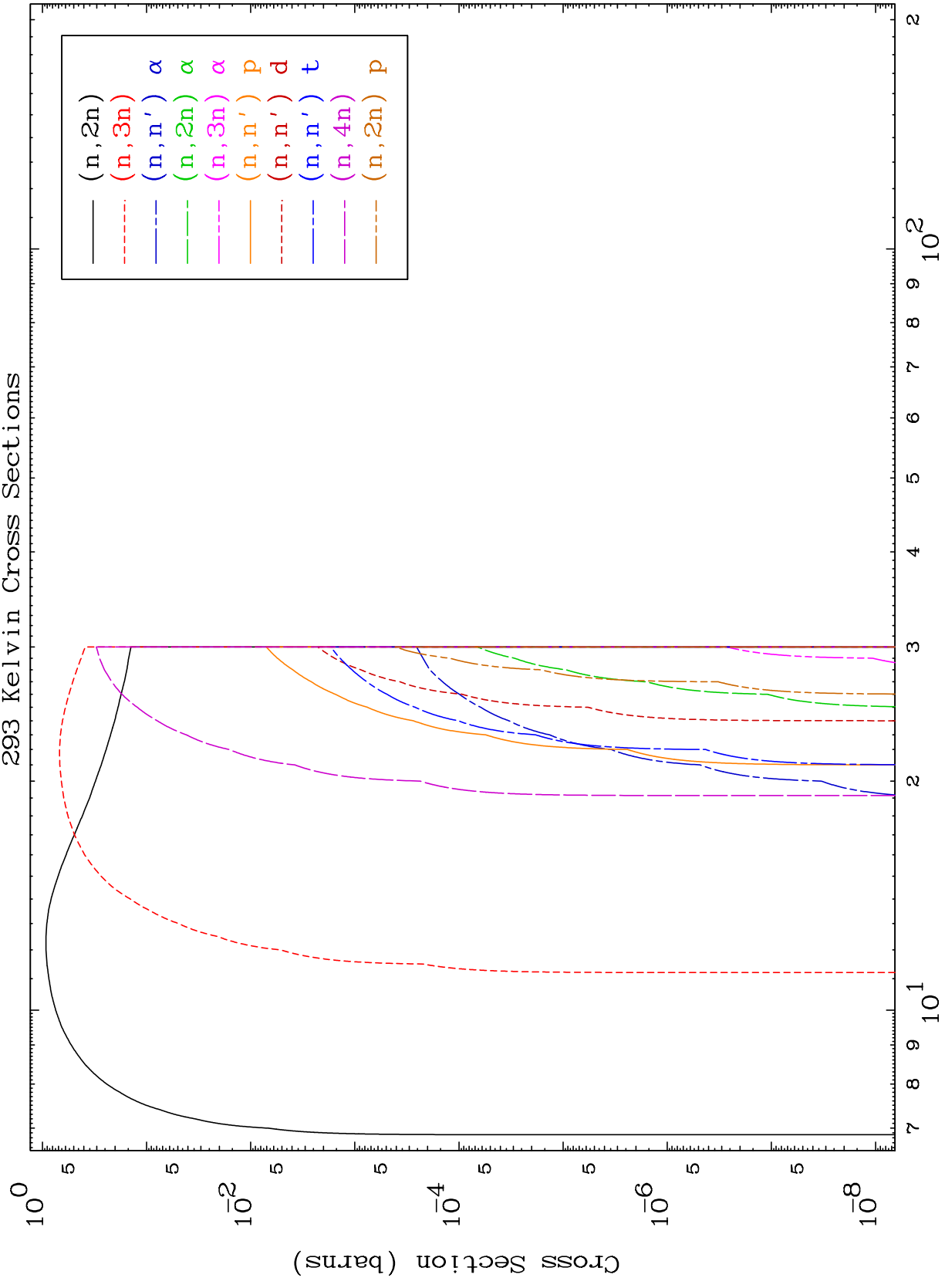
16-S -42



MAT 1655

Neutron Production
293 Kelvin Cross Sections

16-S -42



2

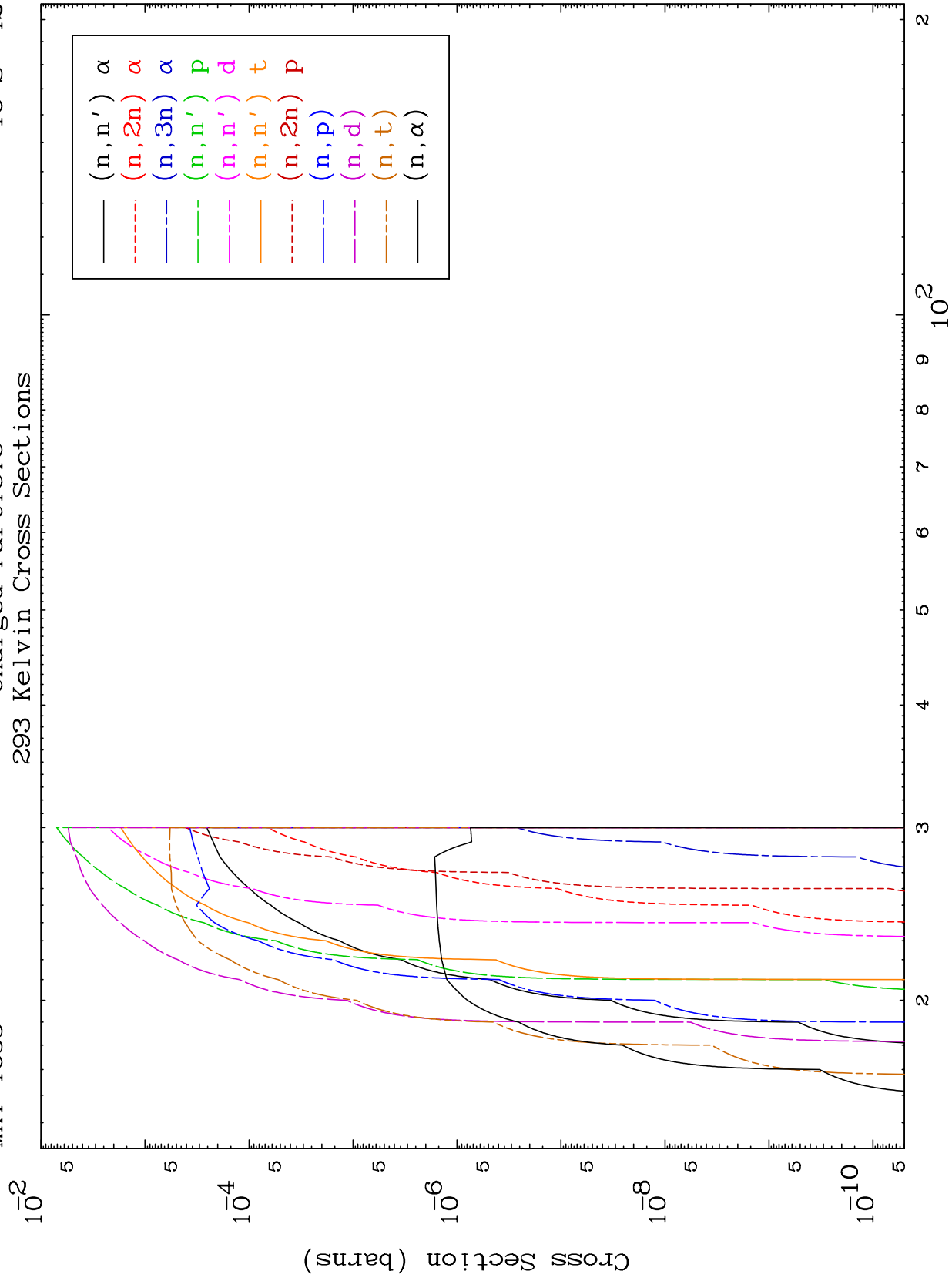
Incident Energy (MeV)

16-S -42

MAT 1655

Charged Particle
293 Kelvin Cross Sections

16-S -42



3

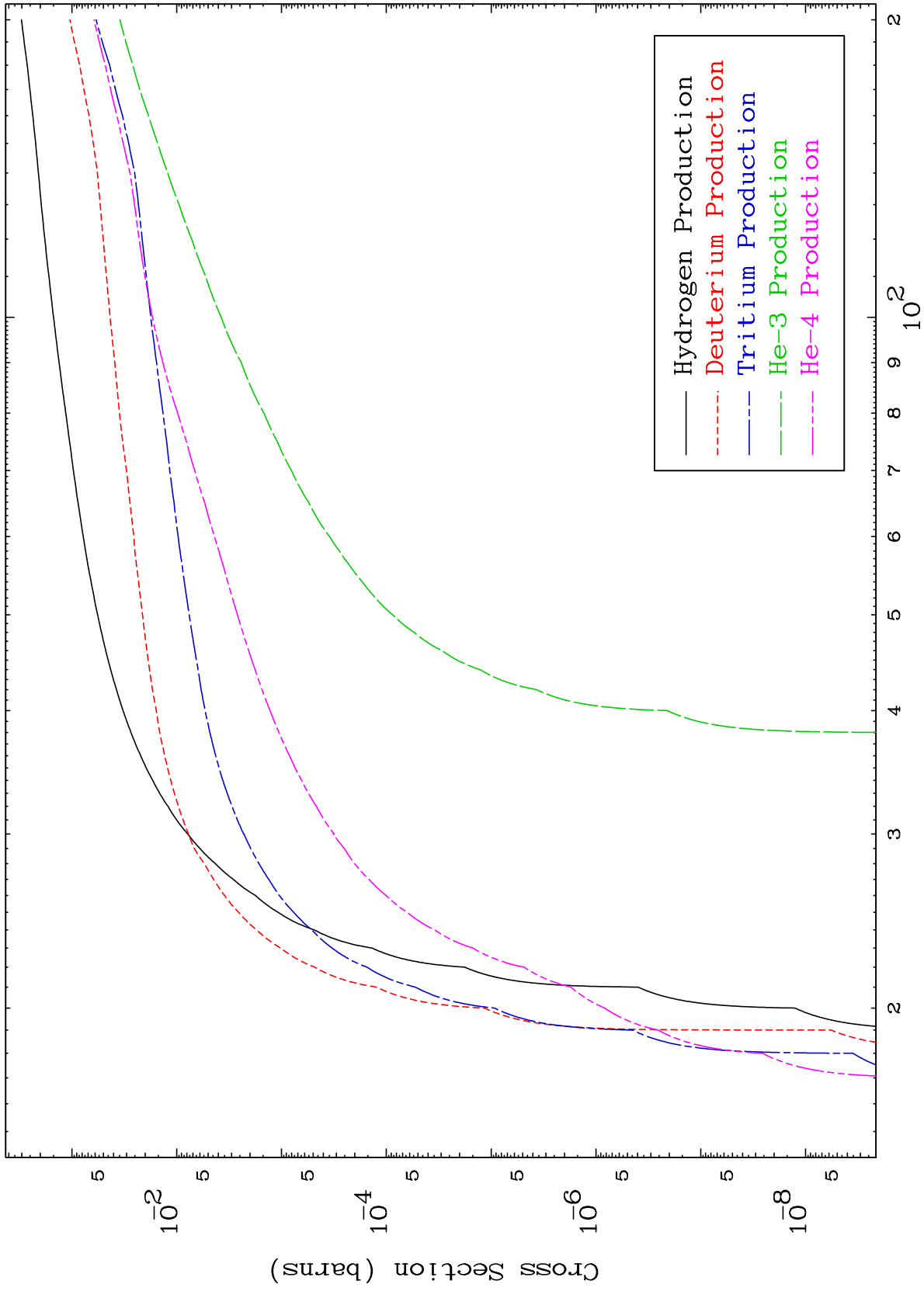
Incident Energy (MeV)

16-S -42

MAT 1655

Particle Production
293 Kelvin Cross Sections

16-S -42



4

Incident Energy (MeV)

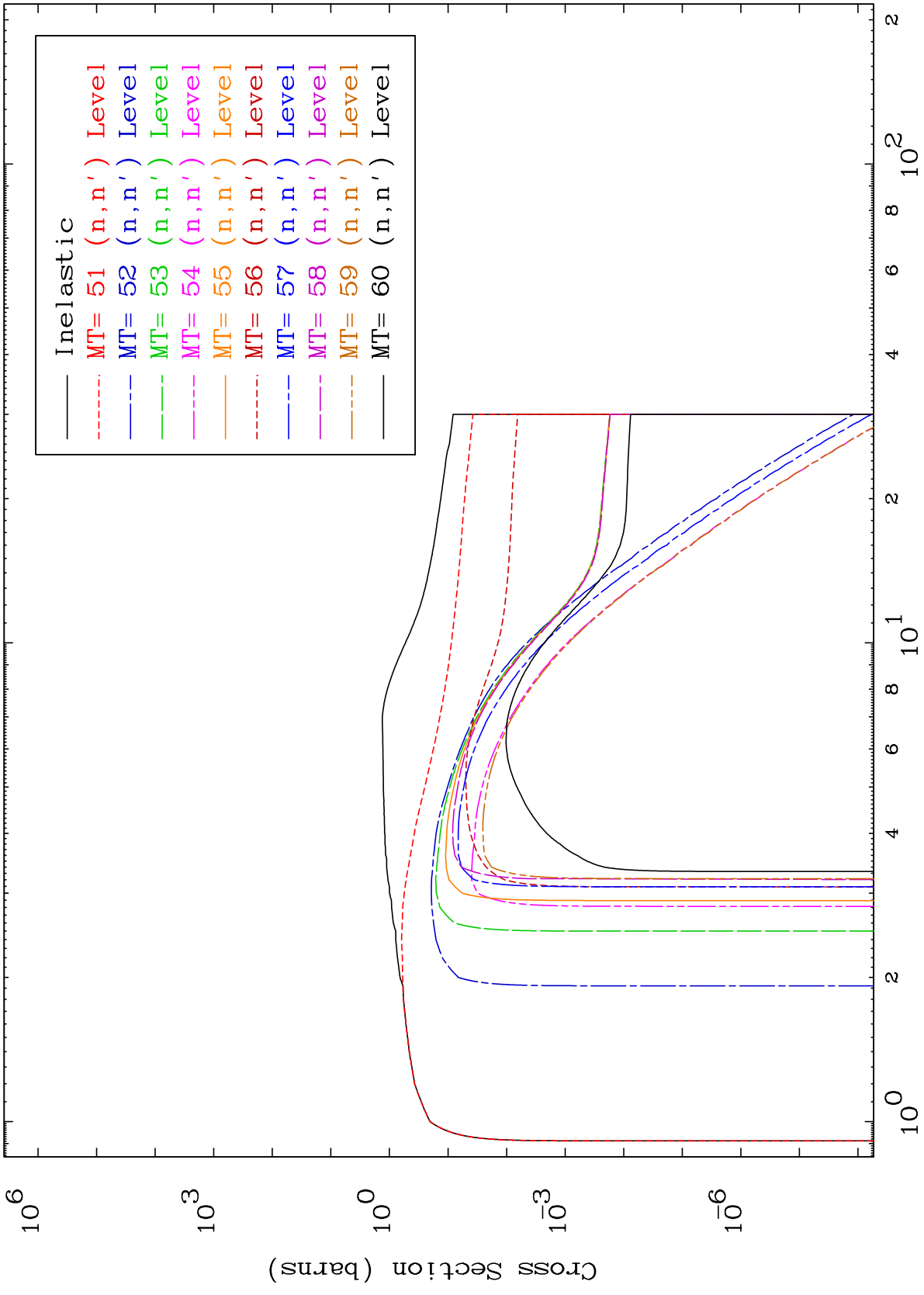
16-S -42

MAT 1655

(n,n') Level

16-S -42

293 Kelvin Cross Sections



Incident Energy (MeV)

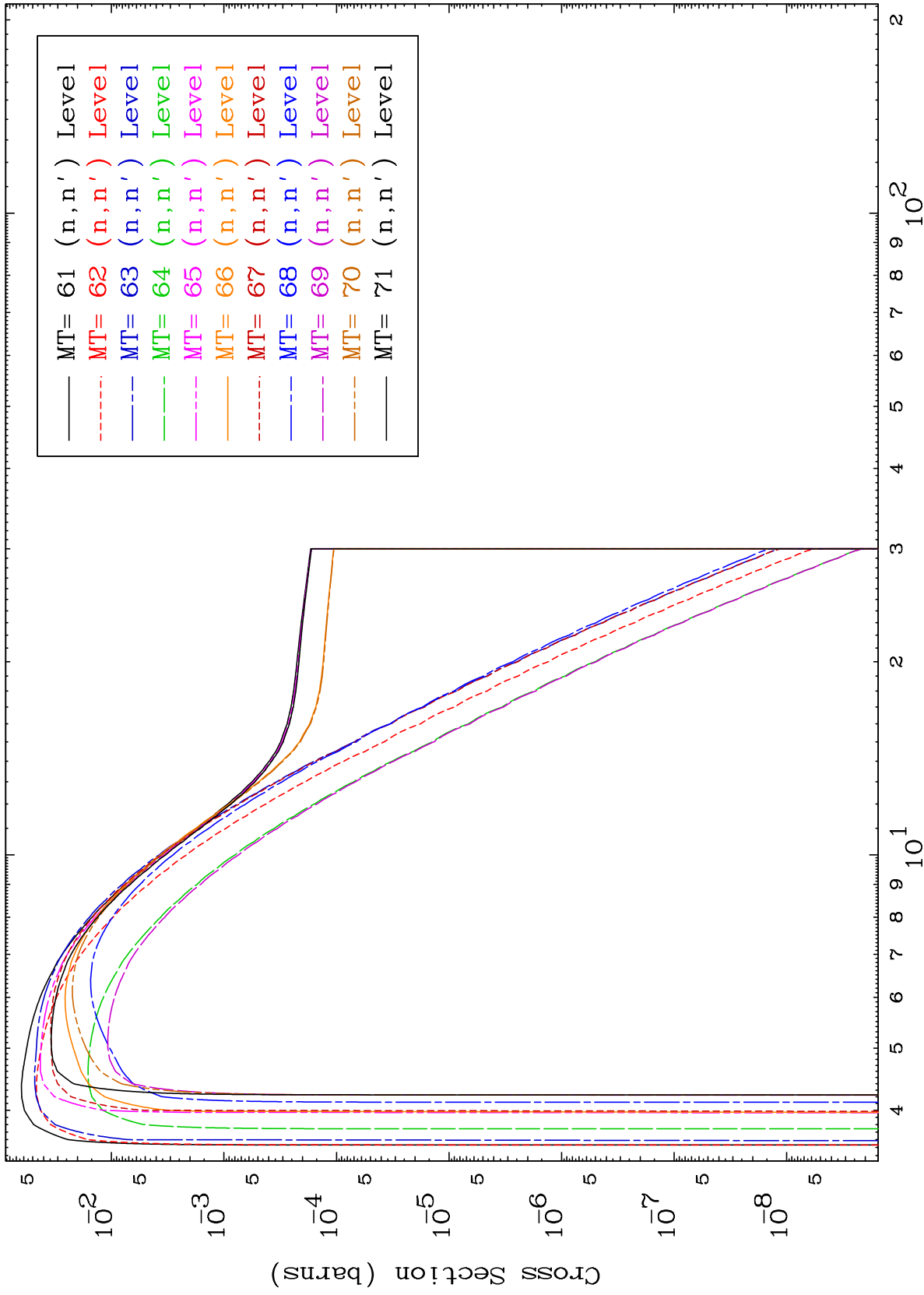
16-S -42

MAT 1655

(n,n') Level

293 Kelvin Cross Sections

16-S -42



6

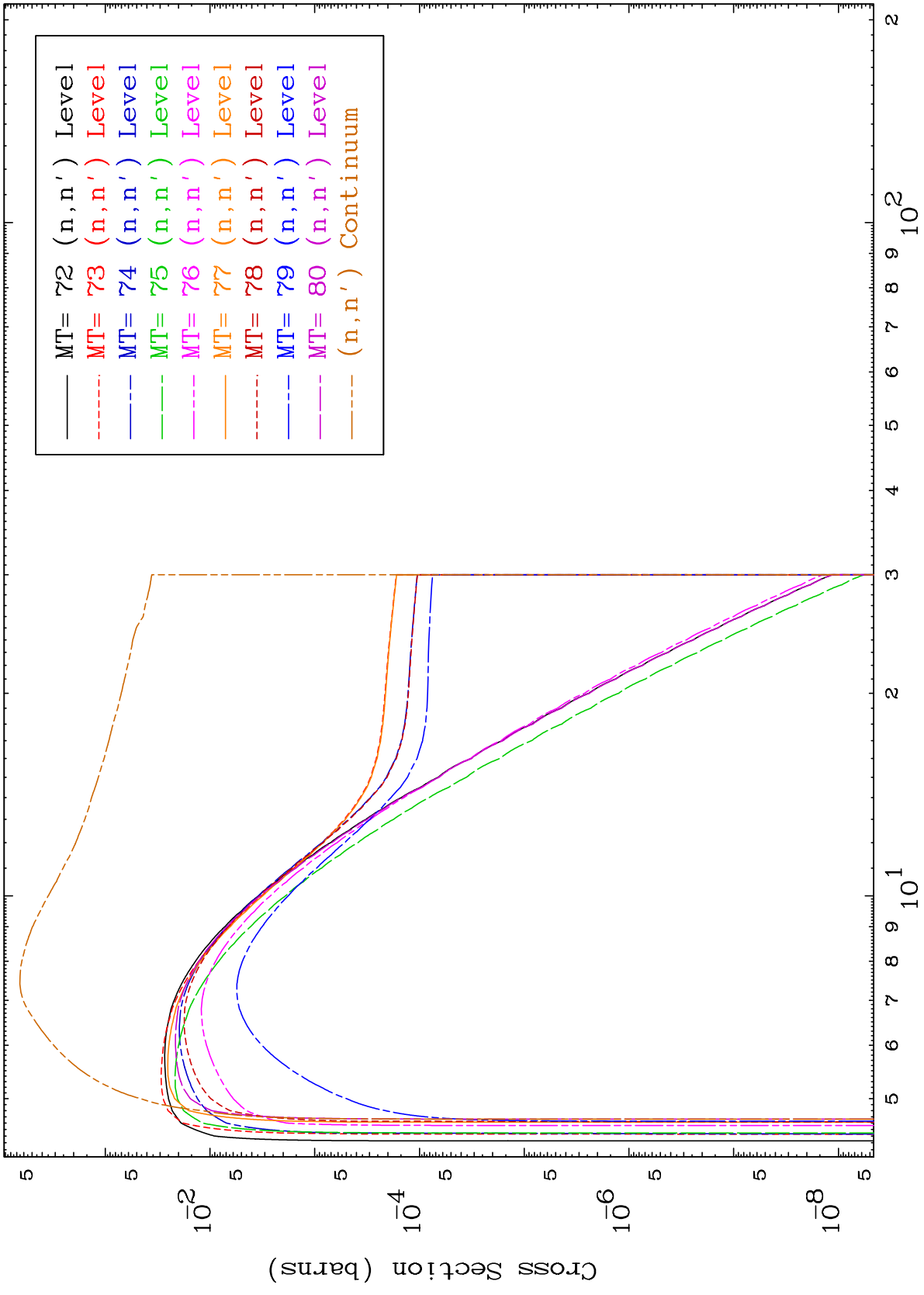
Incident Energy (MeV)

16-S -42

MAT 1655

(n,n') Level
293 Kelvin Cross Sections

16-S -42



7

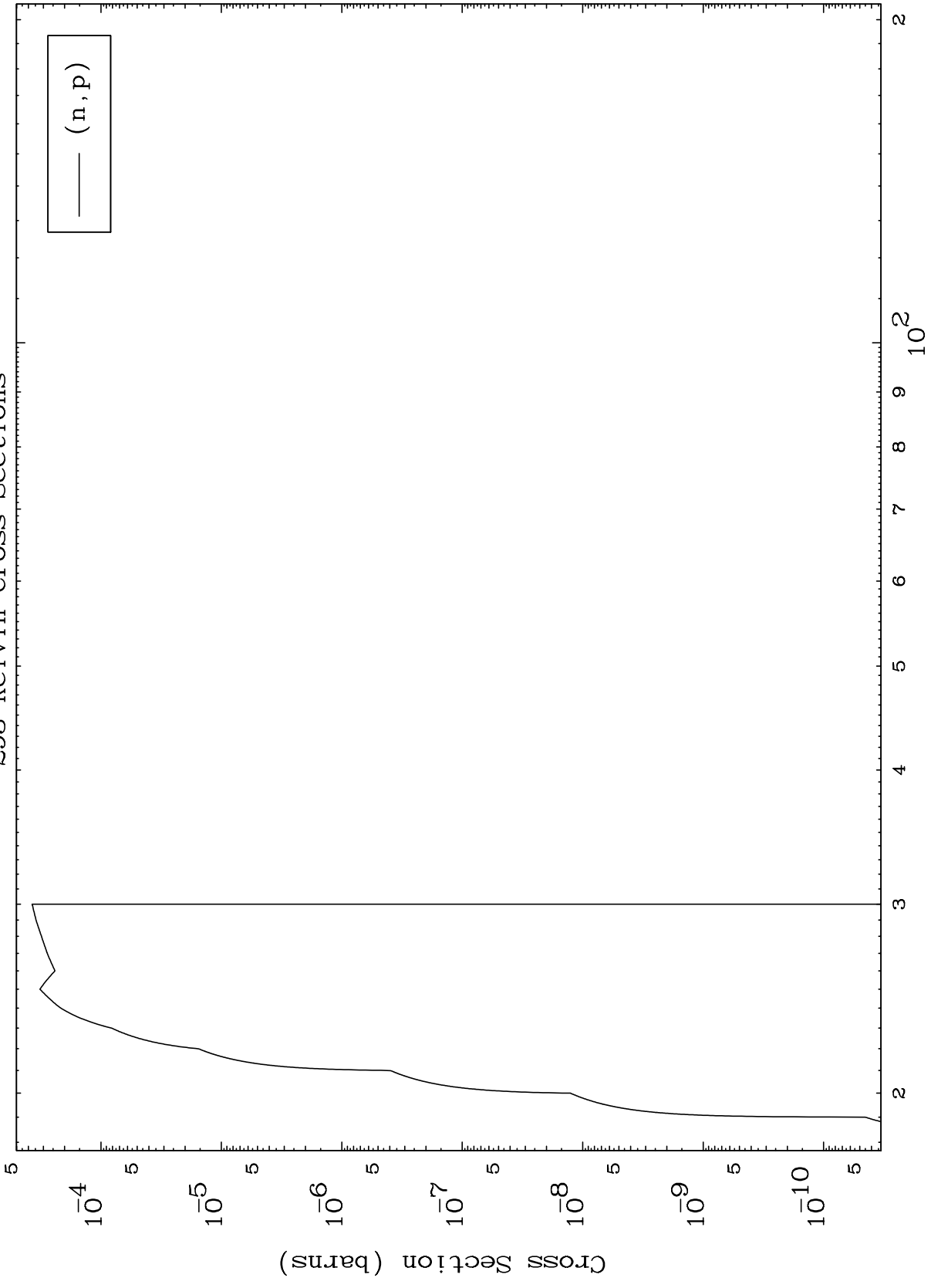
Incident Energy (MeV)

16-S -42

MAT 1655

(n,p) Levels
293 Kelvin Cross Sections

16-S -42



8

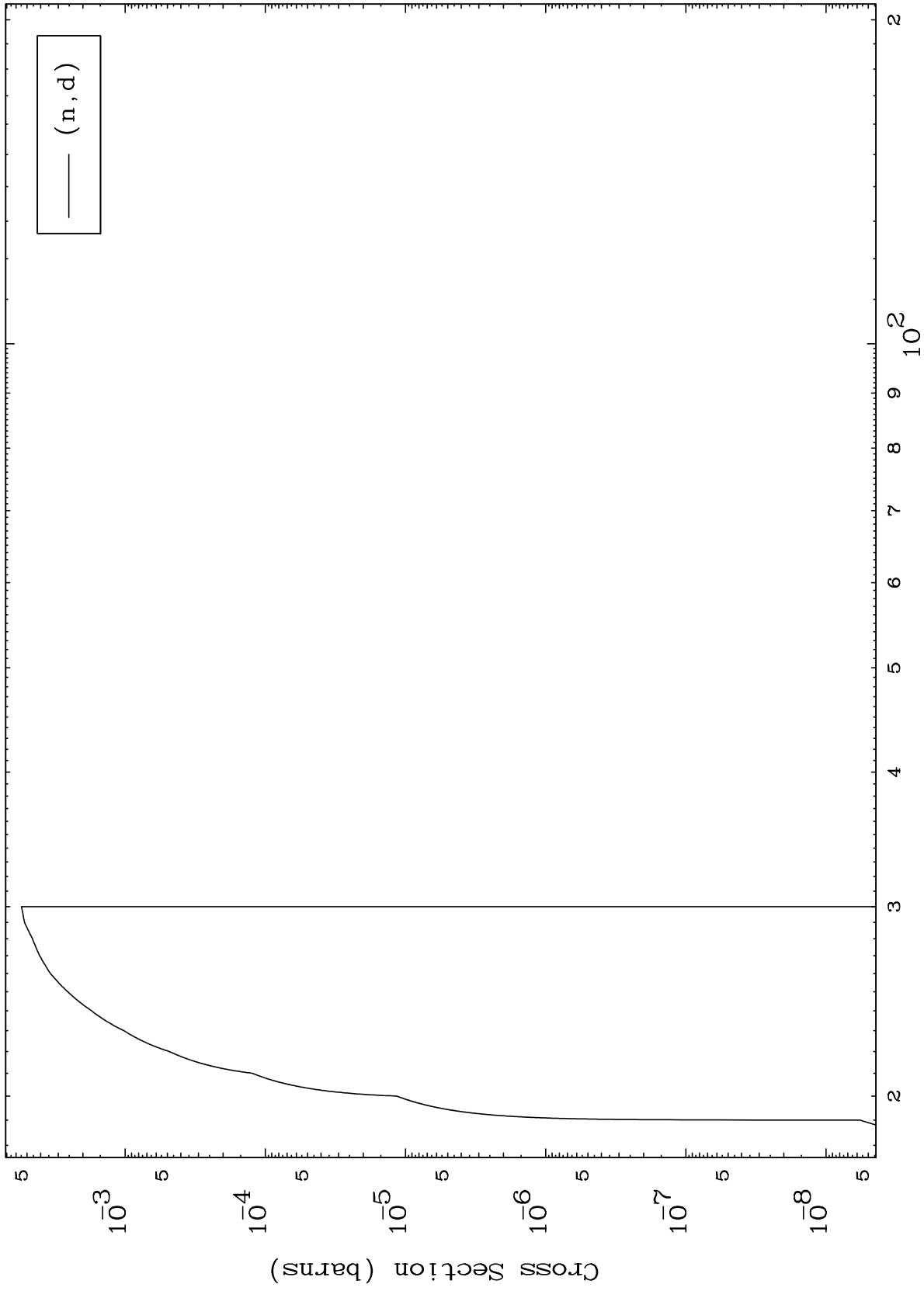
Incident Energy (MeV)

16-S -42

MAT 1655

(n,d) Levels
293 Kelvin Cross Sections

16-S -42



9

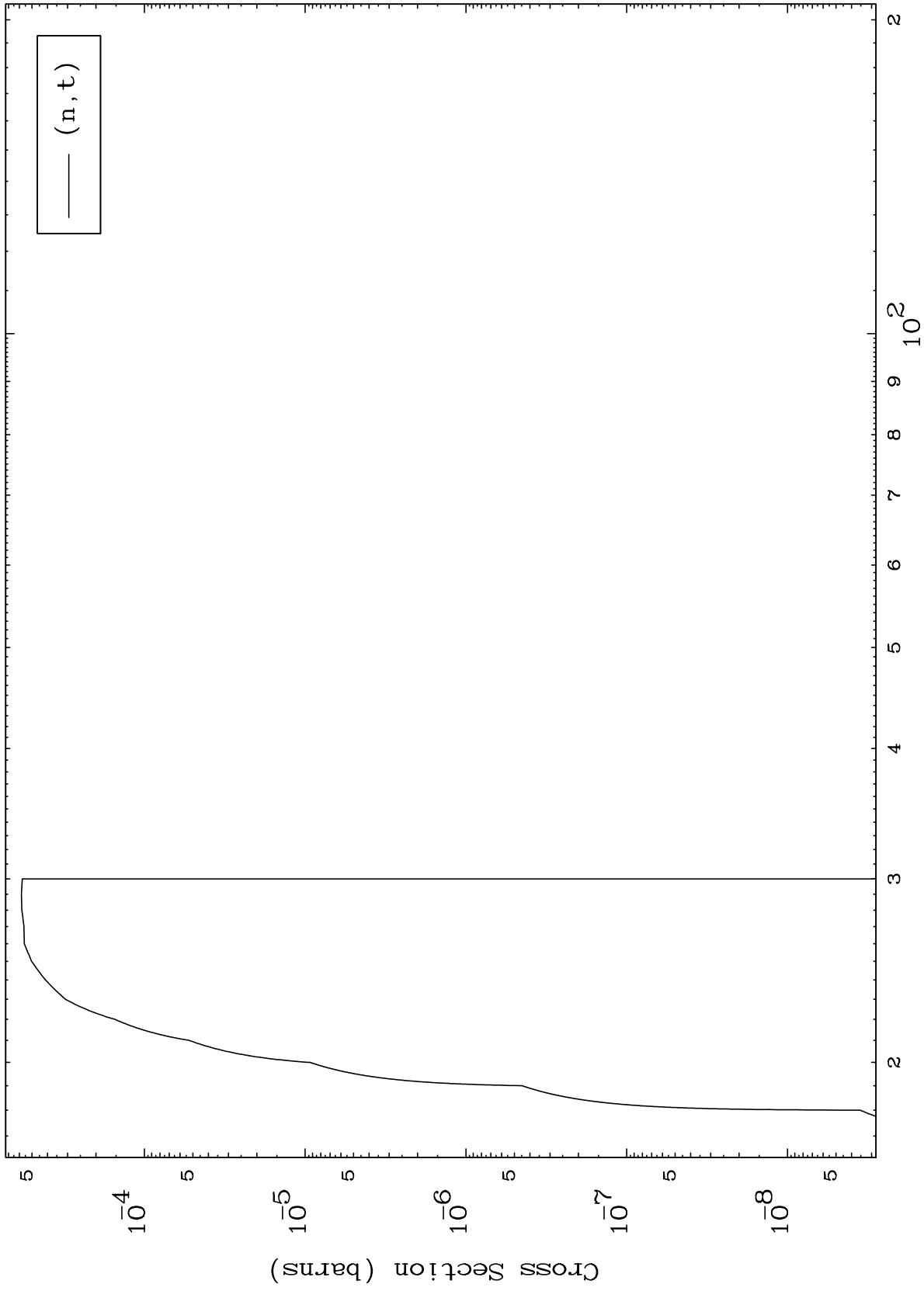
Incident Energy (MeV)

16-S -42

MAT 1655

(n,t) Levels
293 Kelvin Cross Sections

16-S -42



10

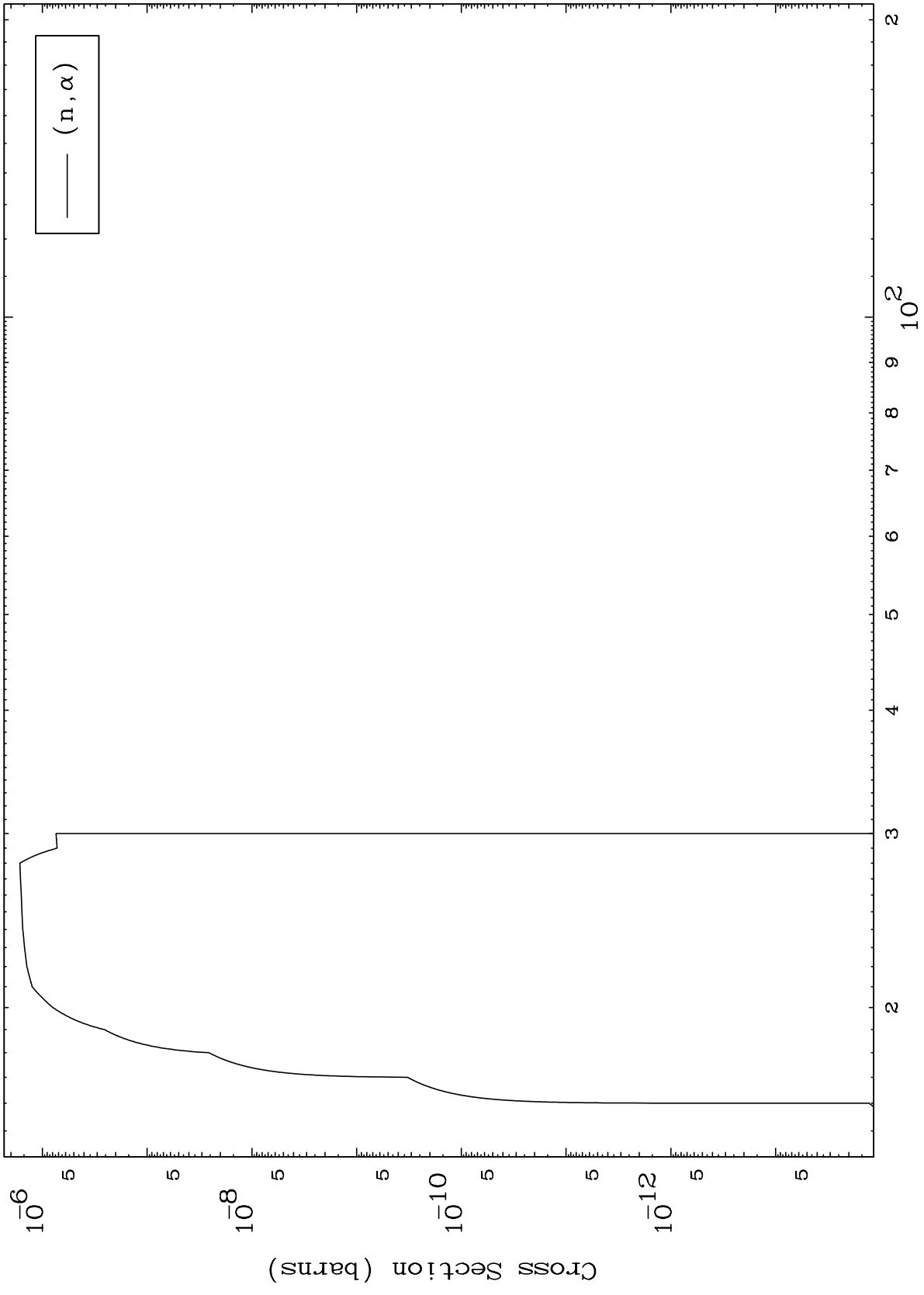
Incident Energy (MeV)

16-S -42

MAT 1655

(n, α) Levels
293 Kelvin Cross Sections

16-S -42



11

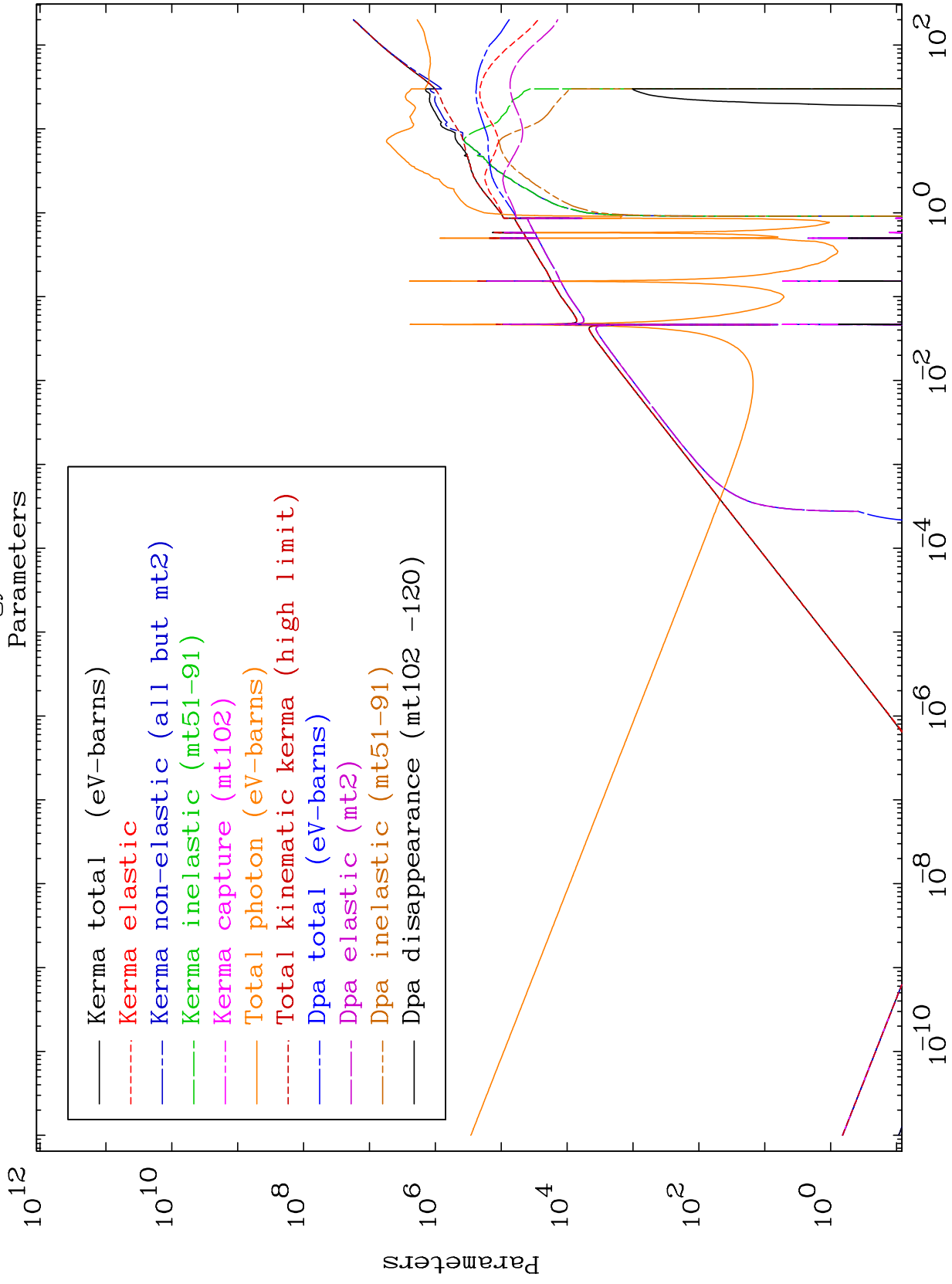
Incident Energy (MeV)

16-S -42

MAT 1655

Energy Release
Parameters

16-S -42

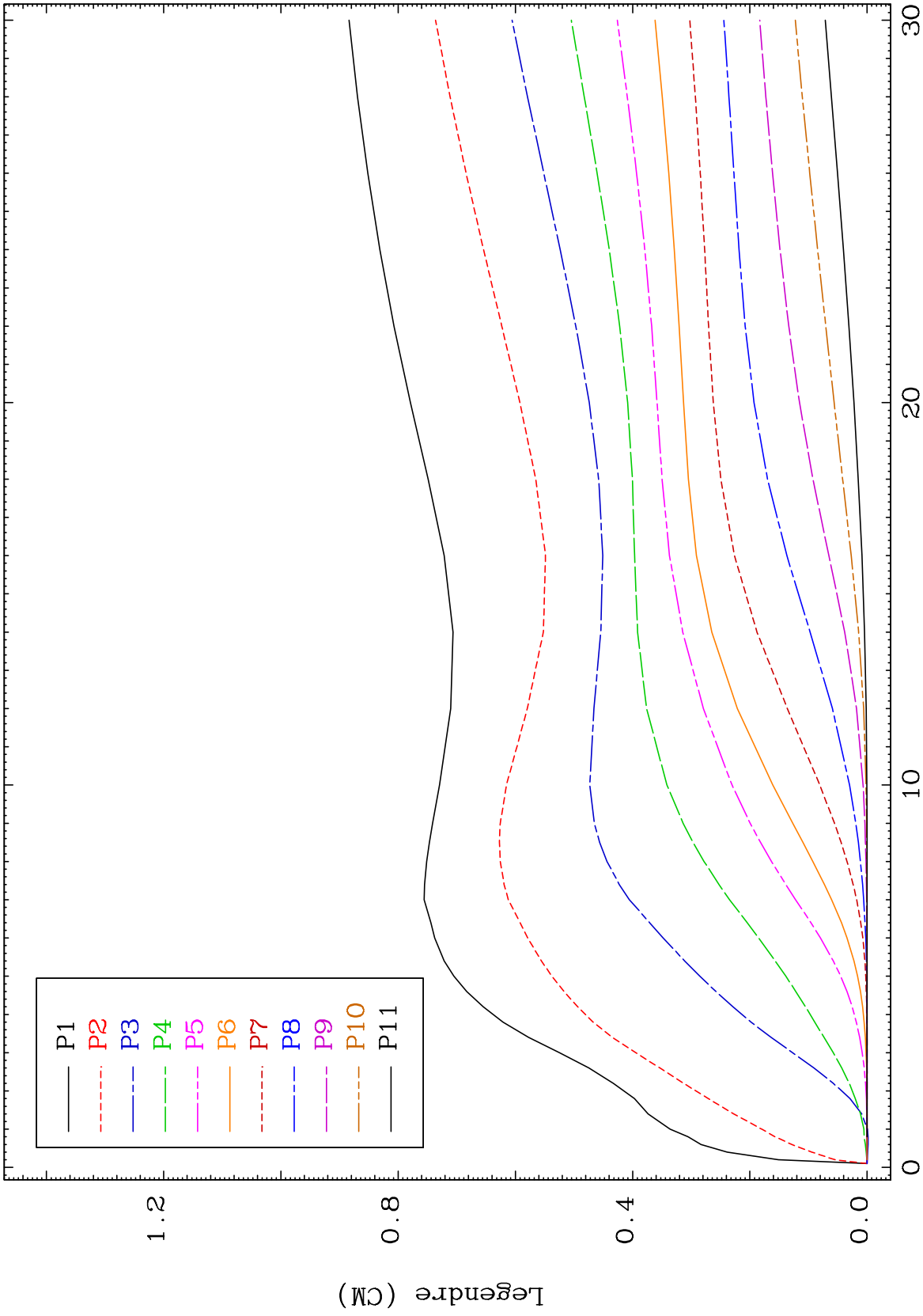


12

MAT 1655

Elastic Legendre Coefficients

16-S -42



13

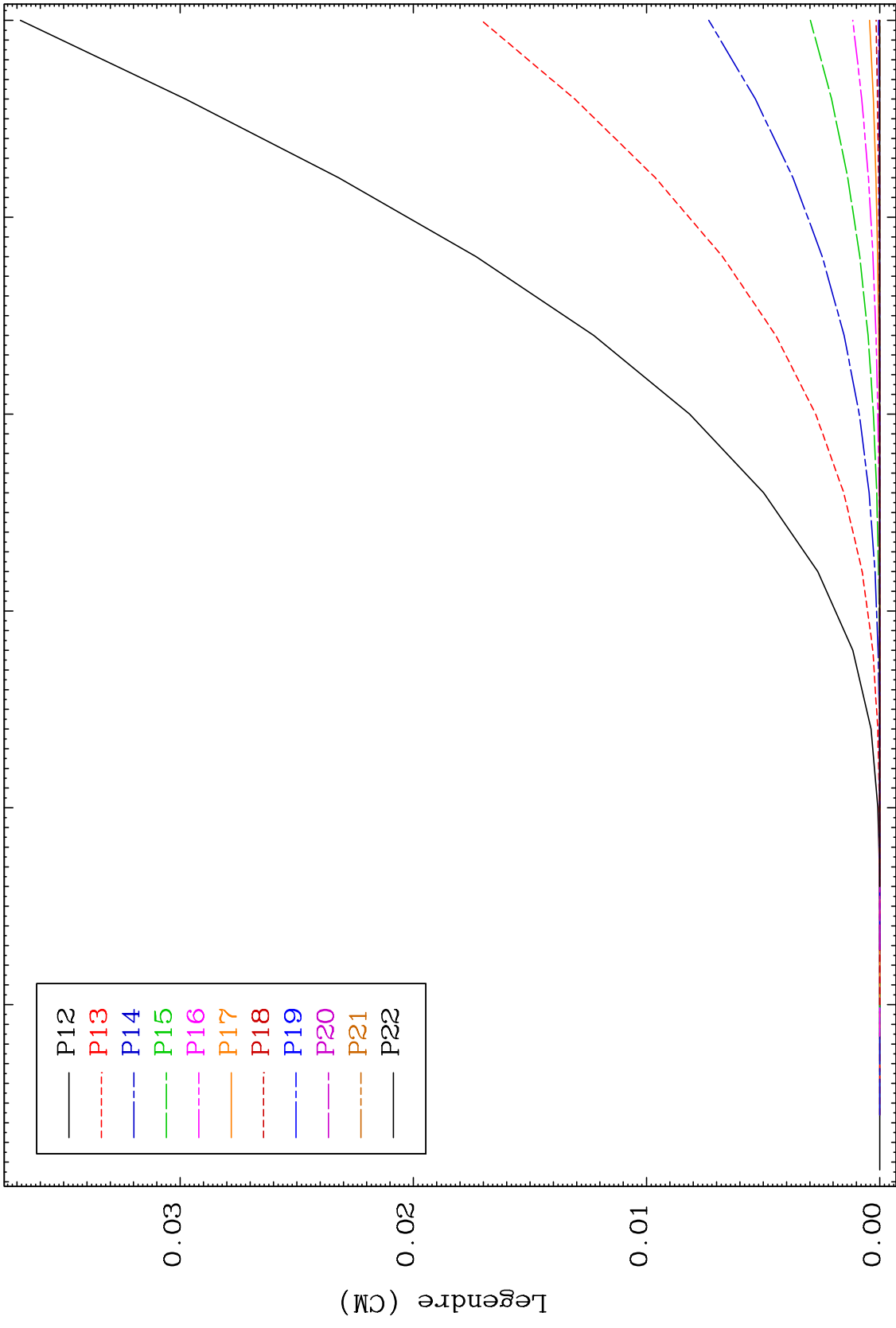
Incident Energy (MeV)

16-S -42

MAT 1655

Elastic Legendre Coefficients

16-S -42



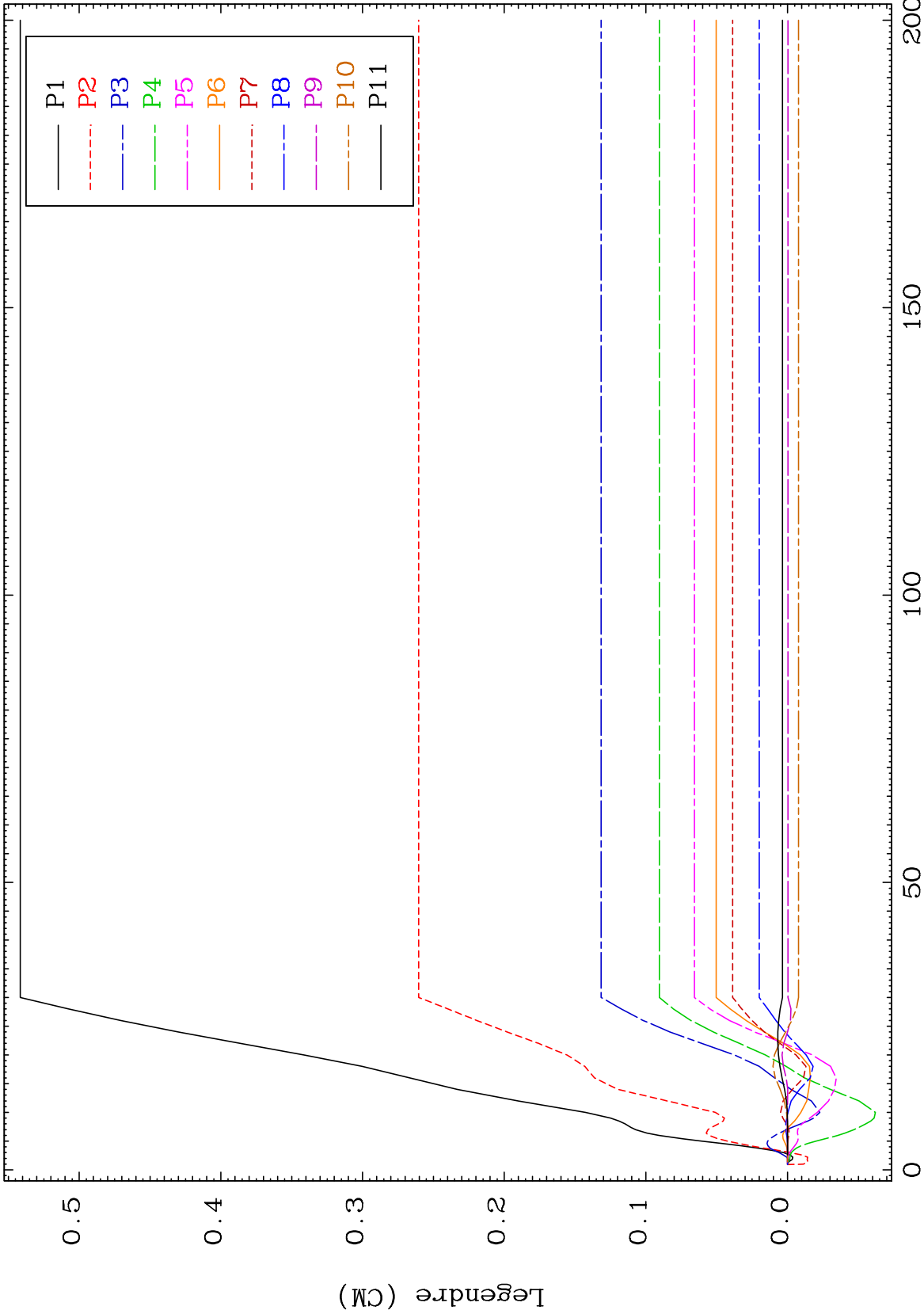
14

16-S -42

MAT 1655

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

16-S -42



0

50

100

150

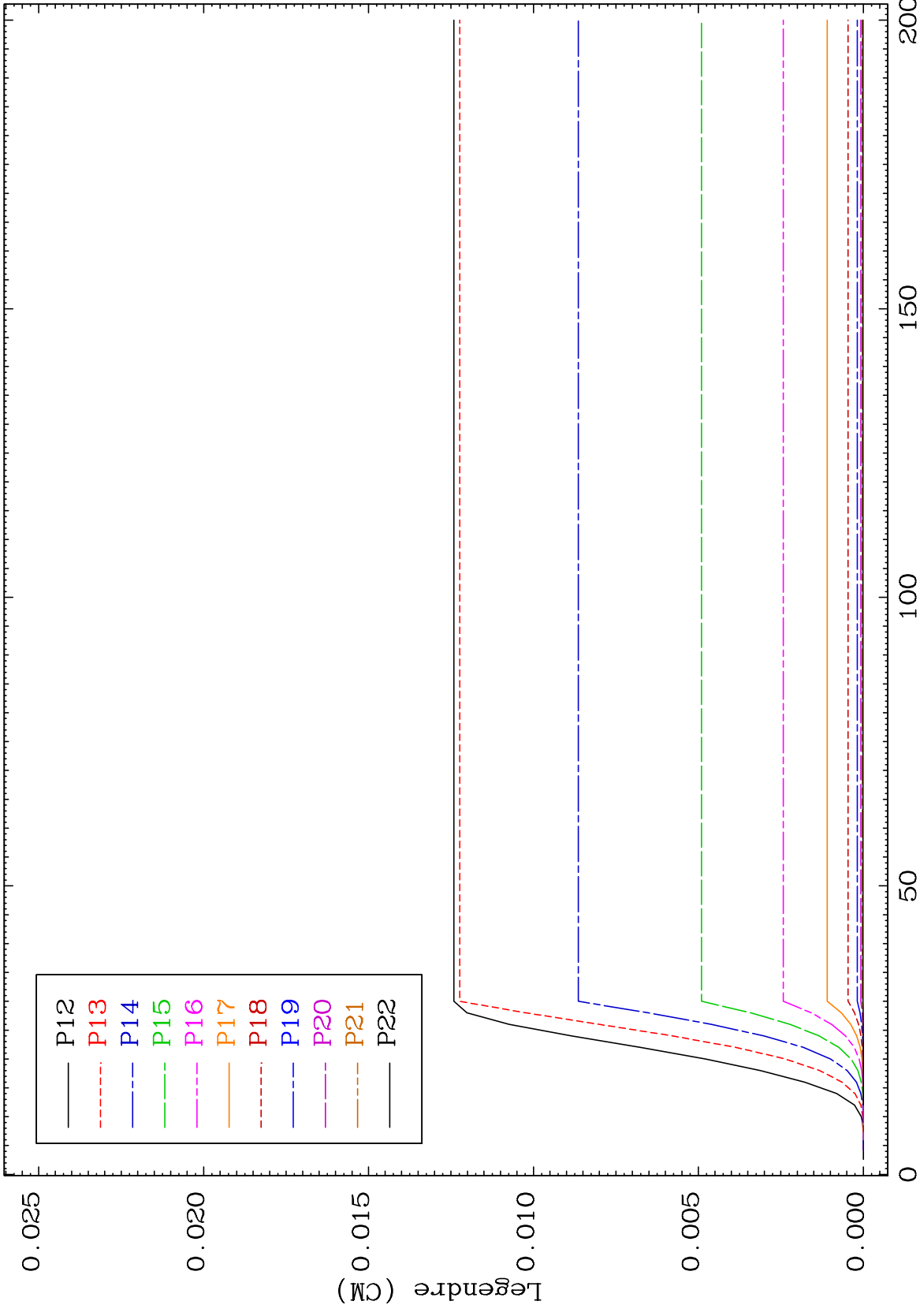
200

16-S -42

MAT 1655

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

16-S -42



17

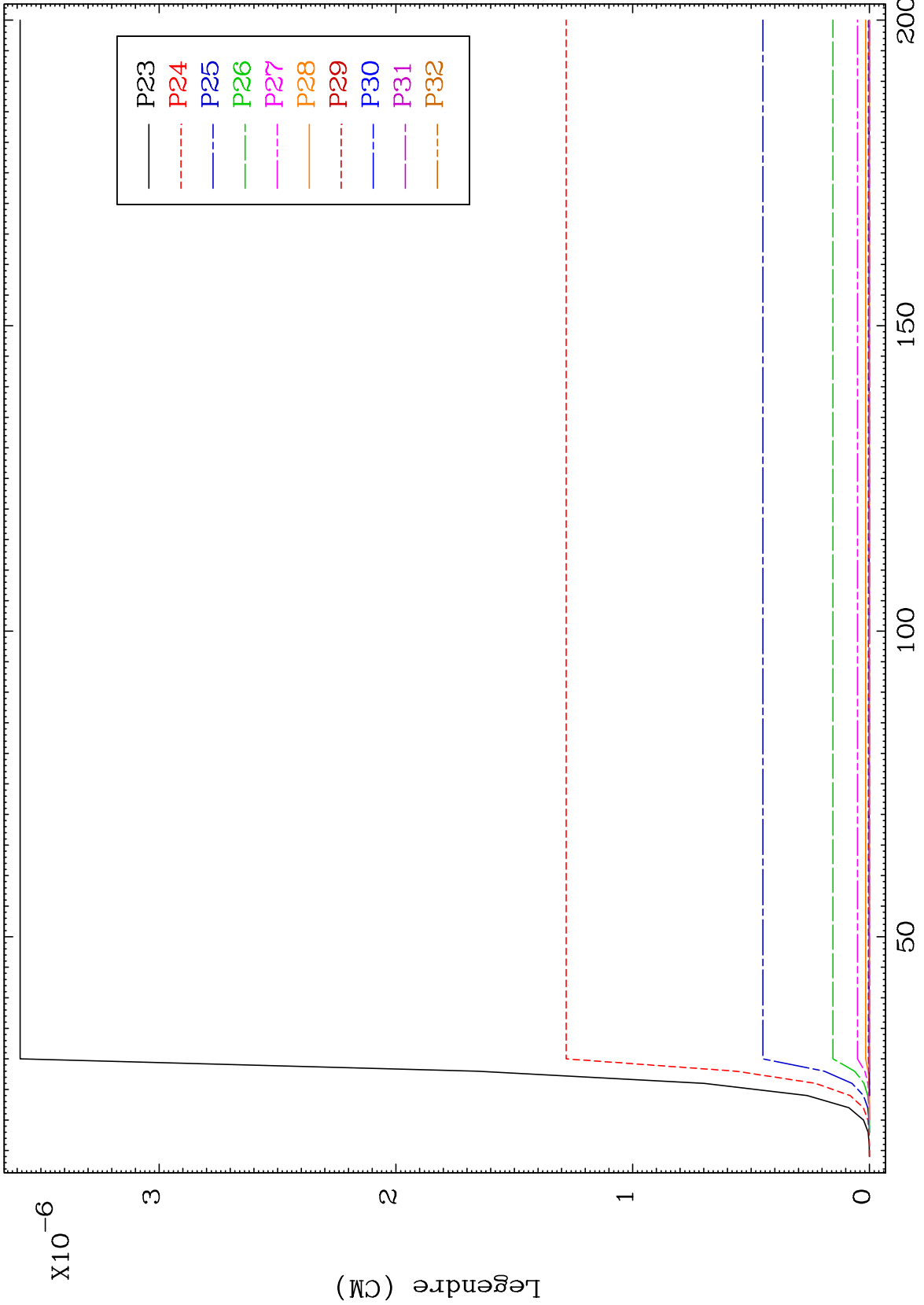
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



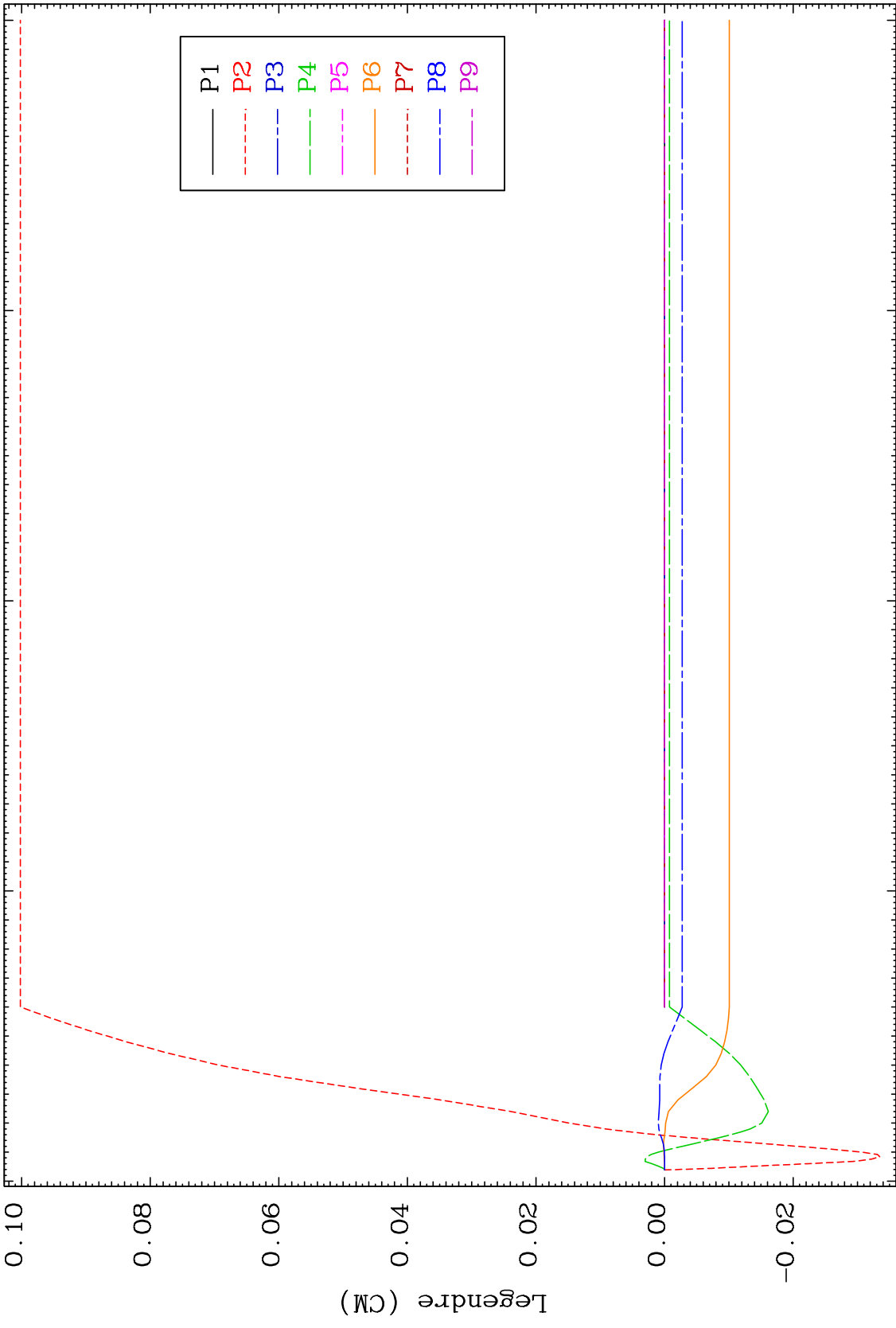
18

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 52 (n,n') Level Legendre Coefficients

16-S -42



16-S -42

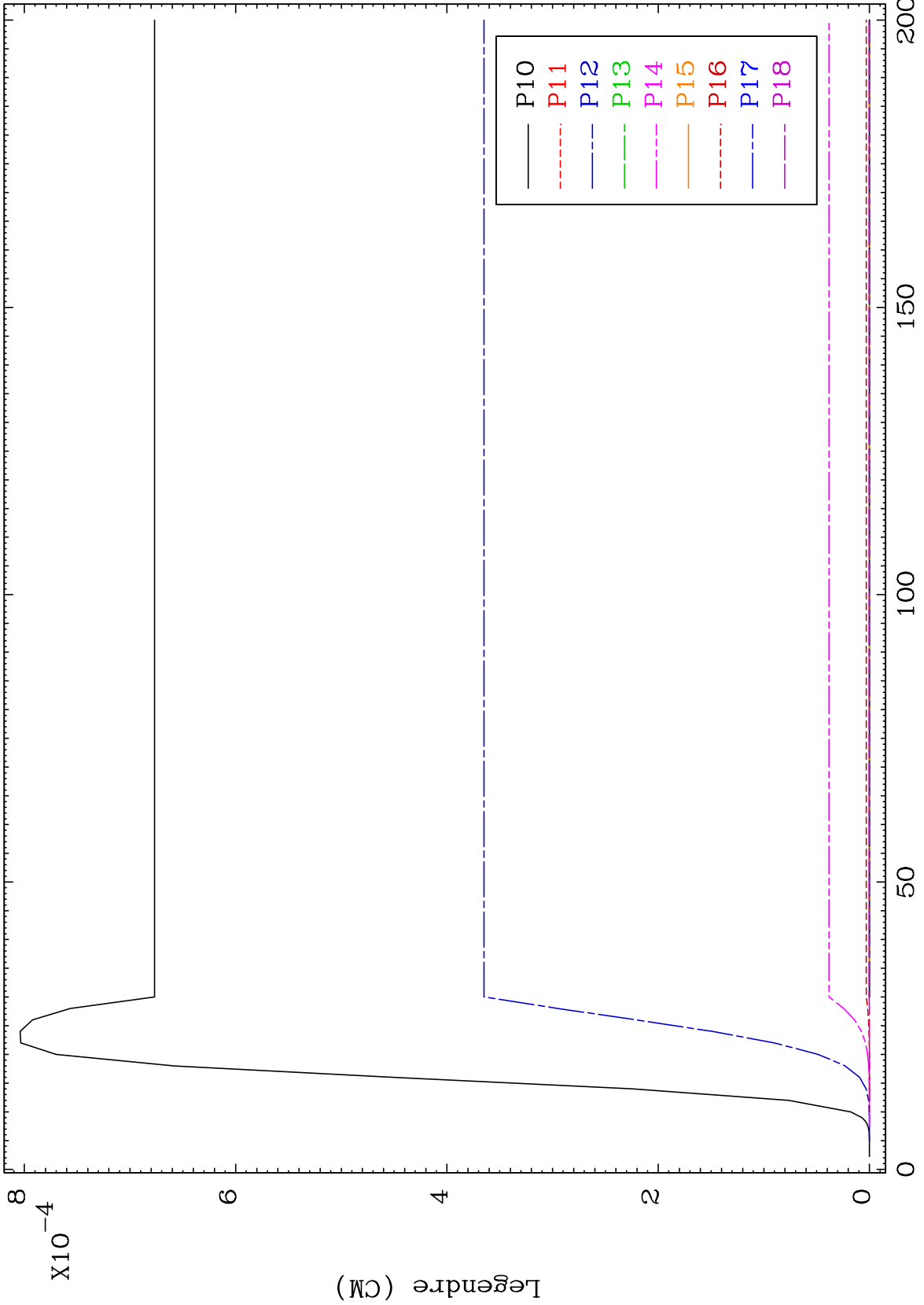
Incident Energy (MeV)

19

MAT 1655

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

16-S -42



20

50

100

150

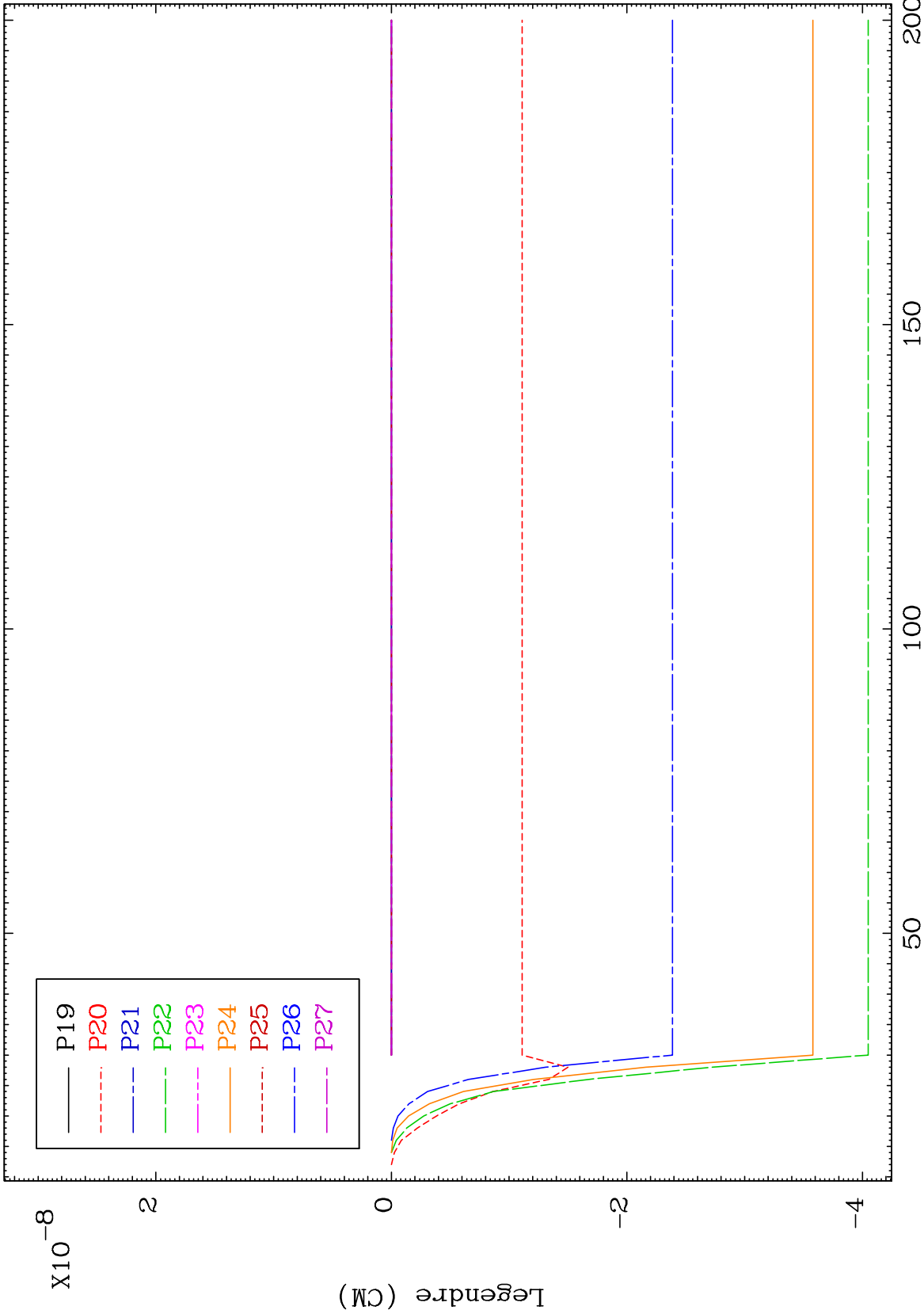
200

16-S -42

MAT 1655

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

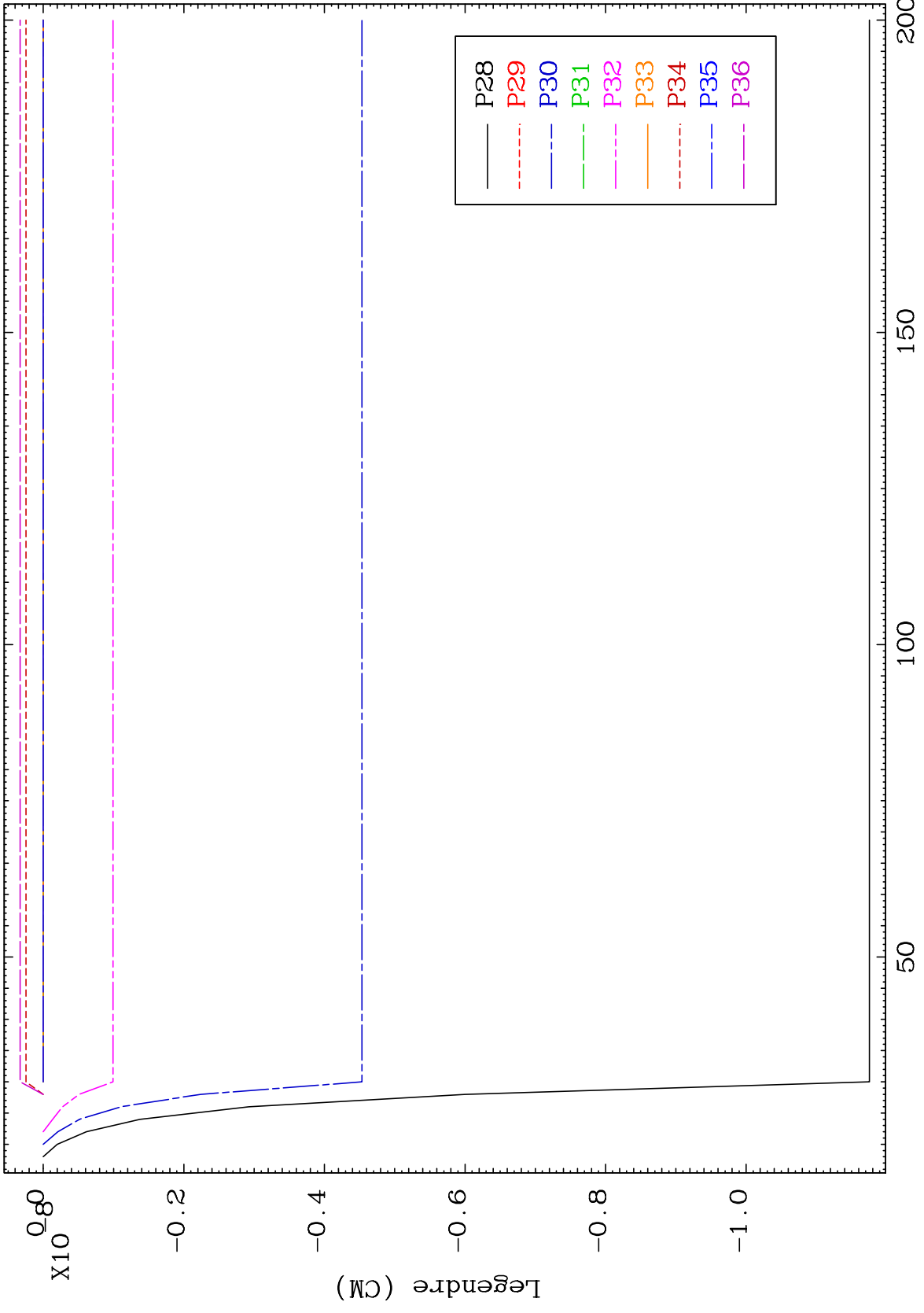
16-S -42



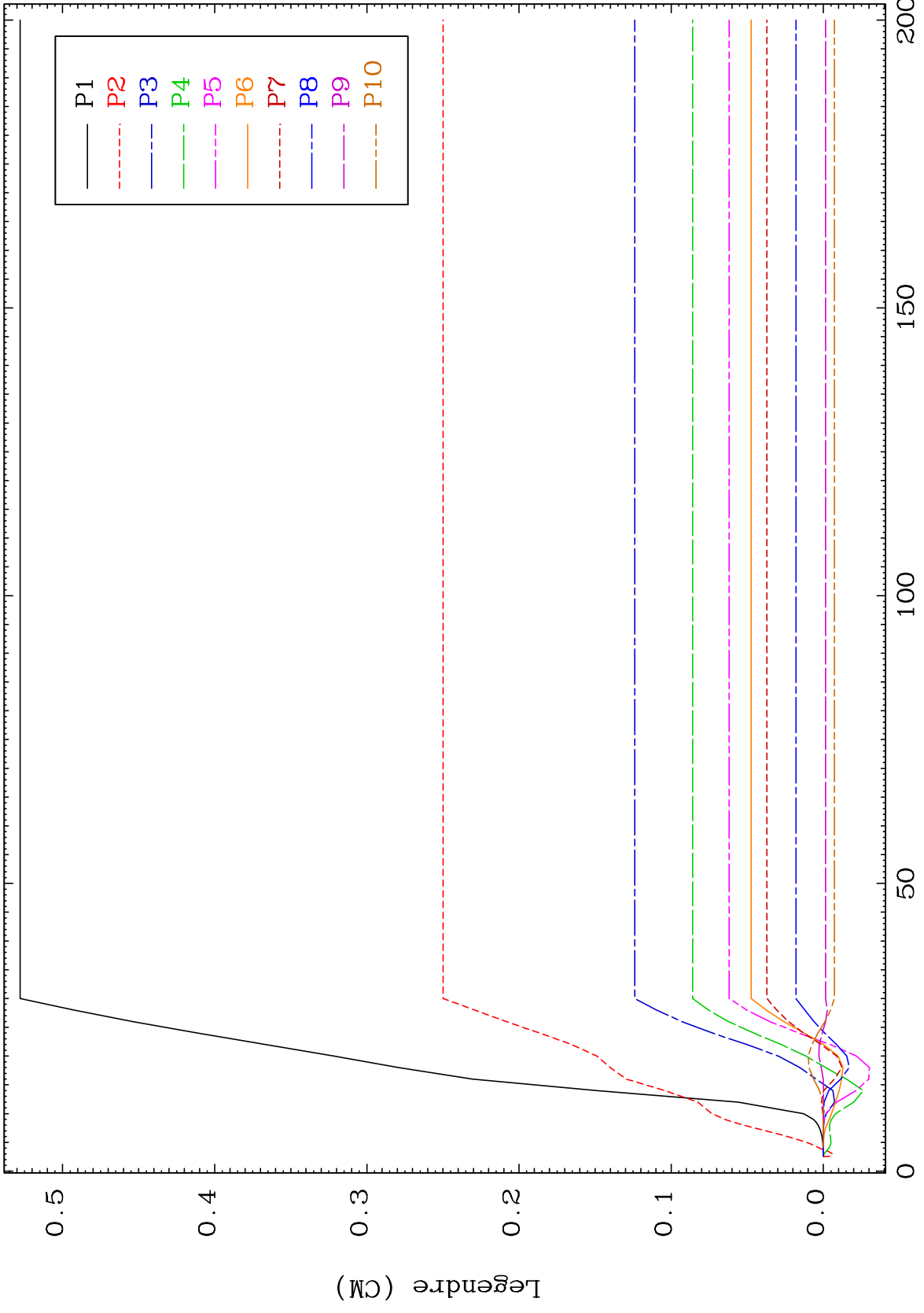
21

16-S -42

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



MAT 1655 MT= 53 (n,n') Level Legendre Coefficients 16-S -42

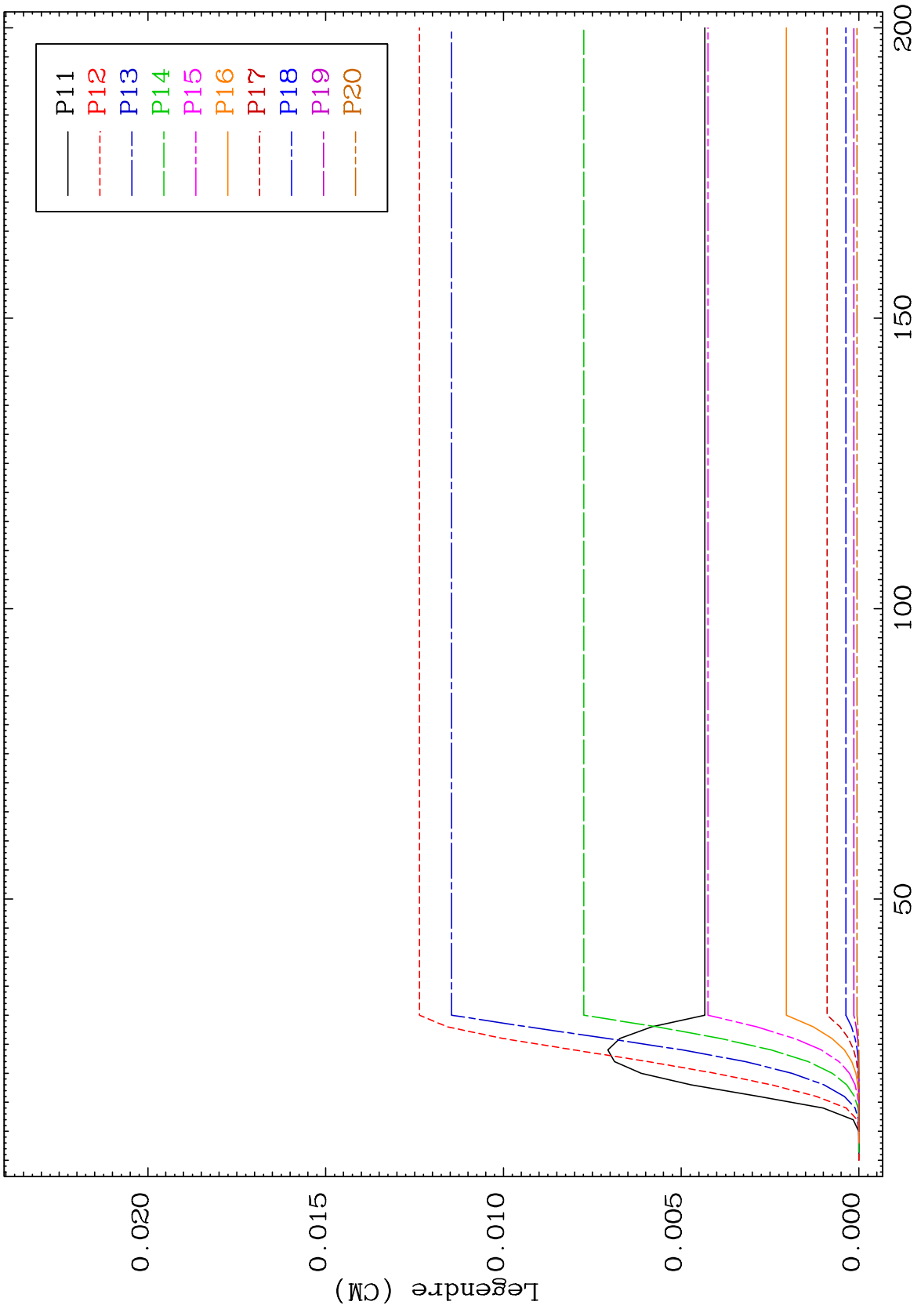


23 16-S -42

MAT 1655

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

16-S -42



24

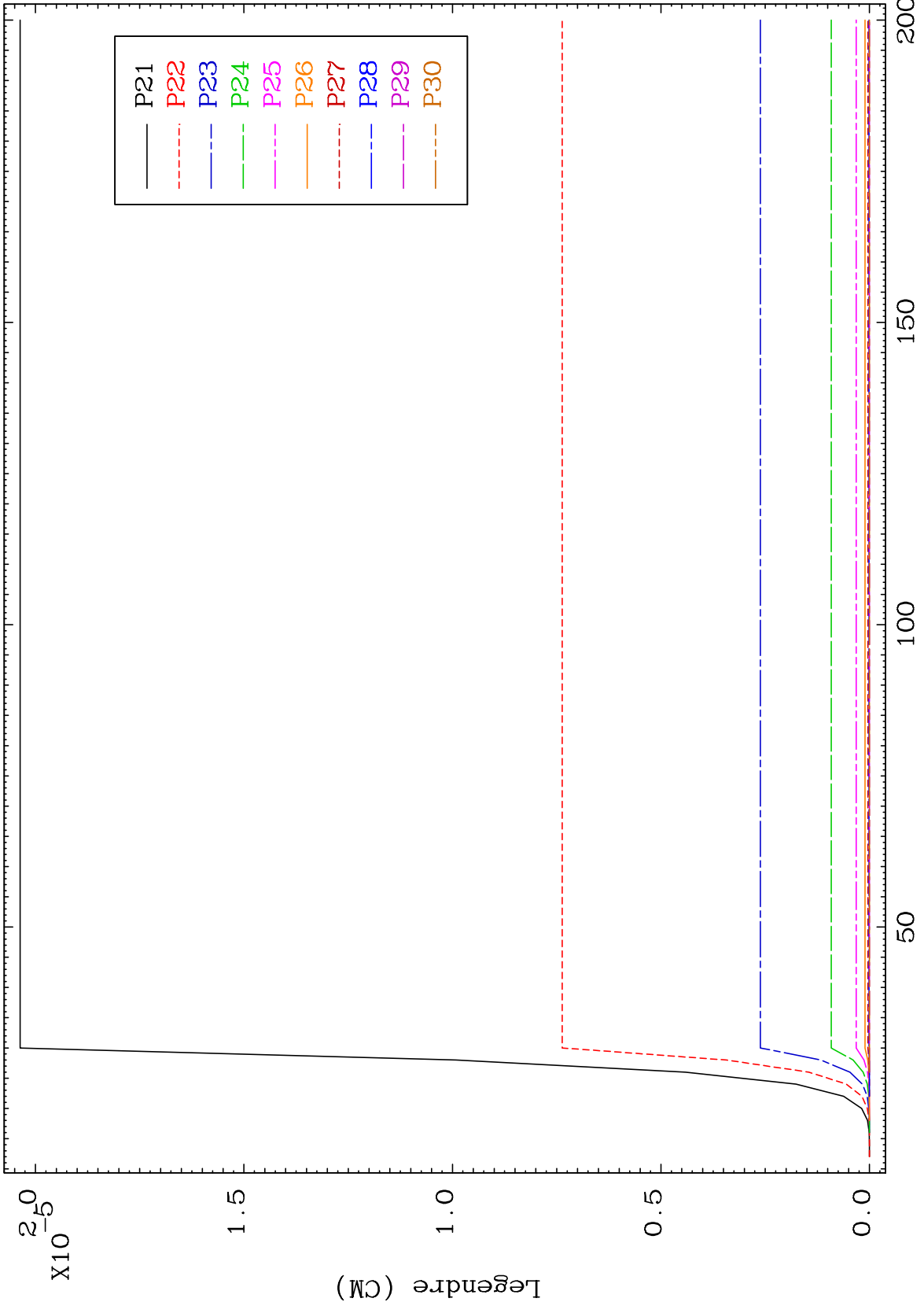
Incident Energy (MeV)

16-S -42

MAT 1655

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

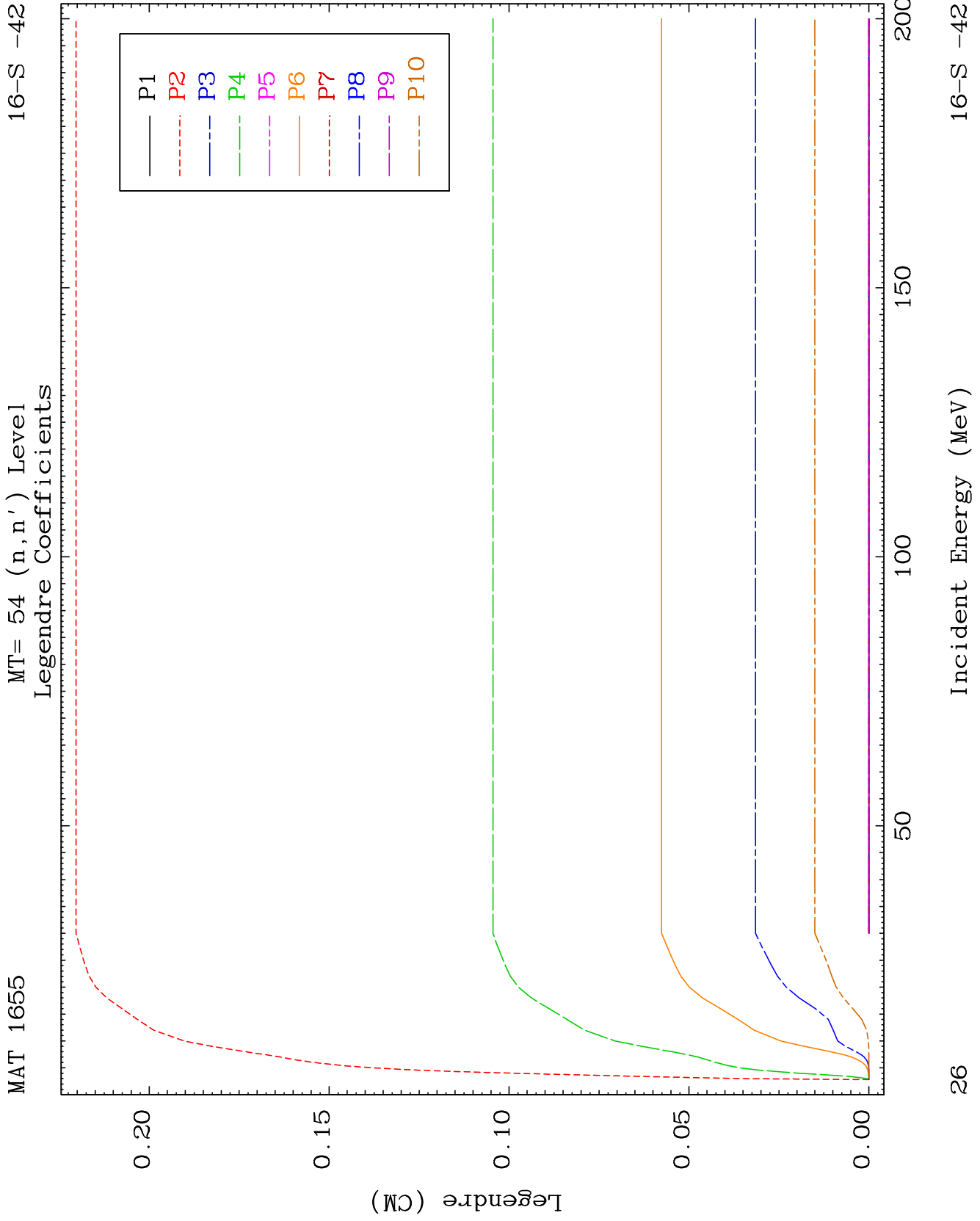
16-S -42



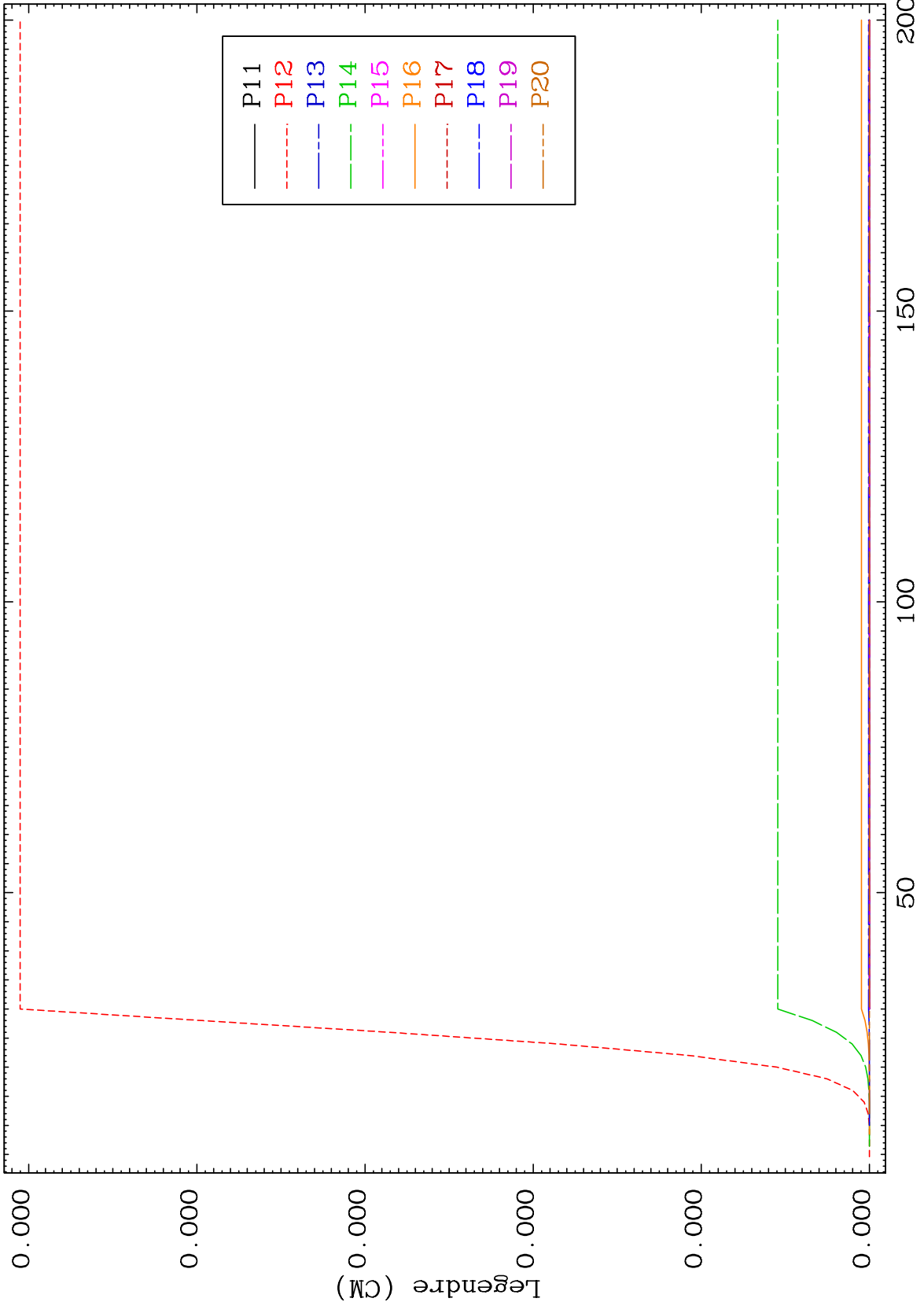
25

Incident Energy (MeV)

16-S -42

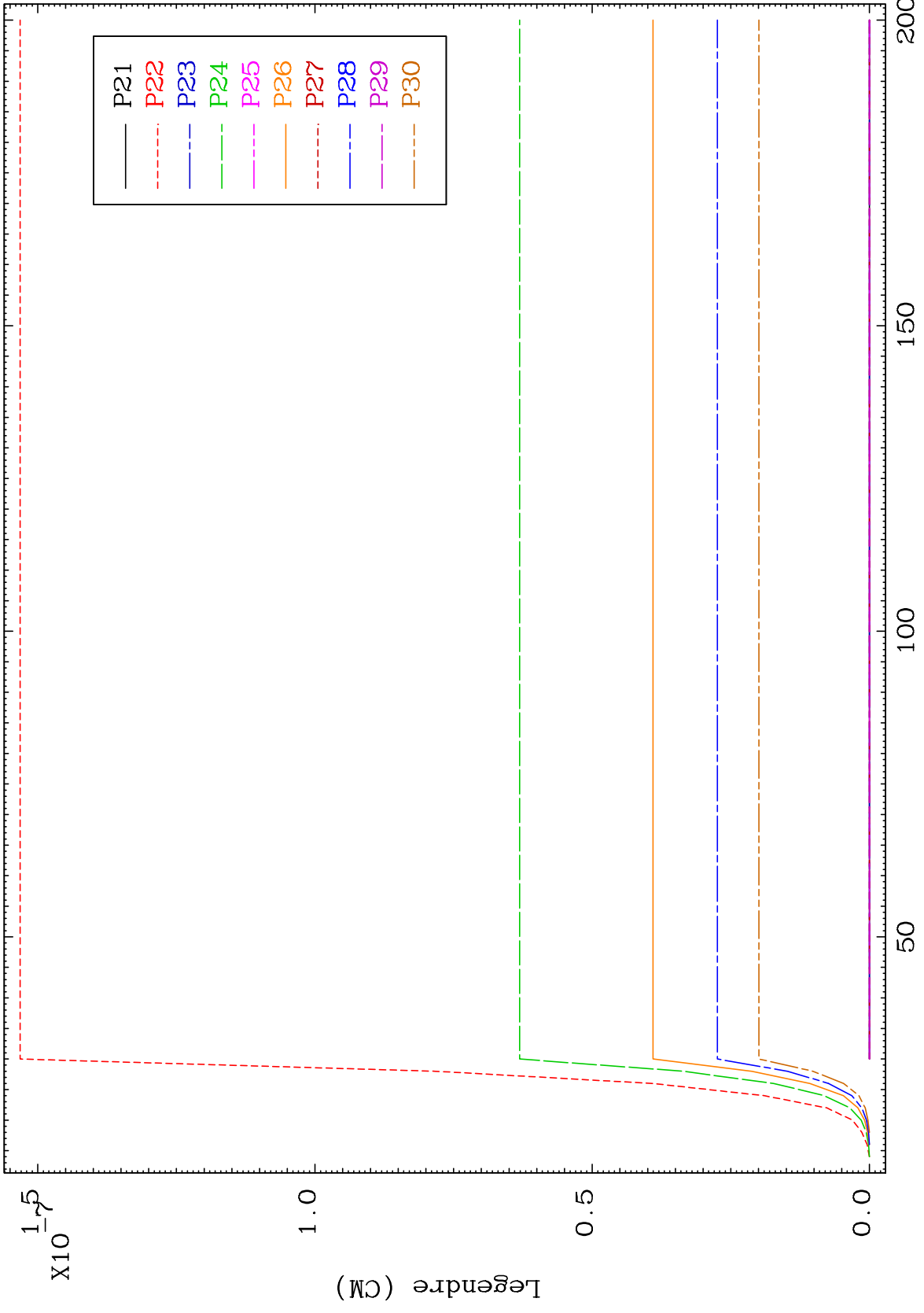


MAT 1655 MT= 54 (n,n') Level Legendre Coefficients 16-S -42



27 16-S -42

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

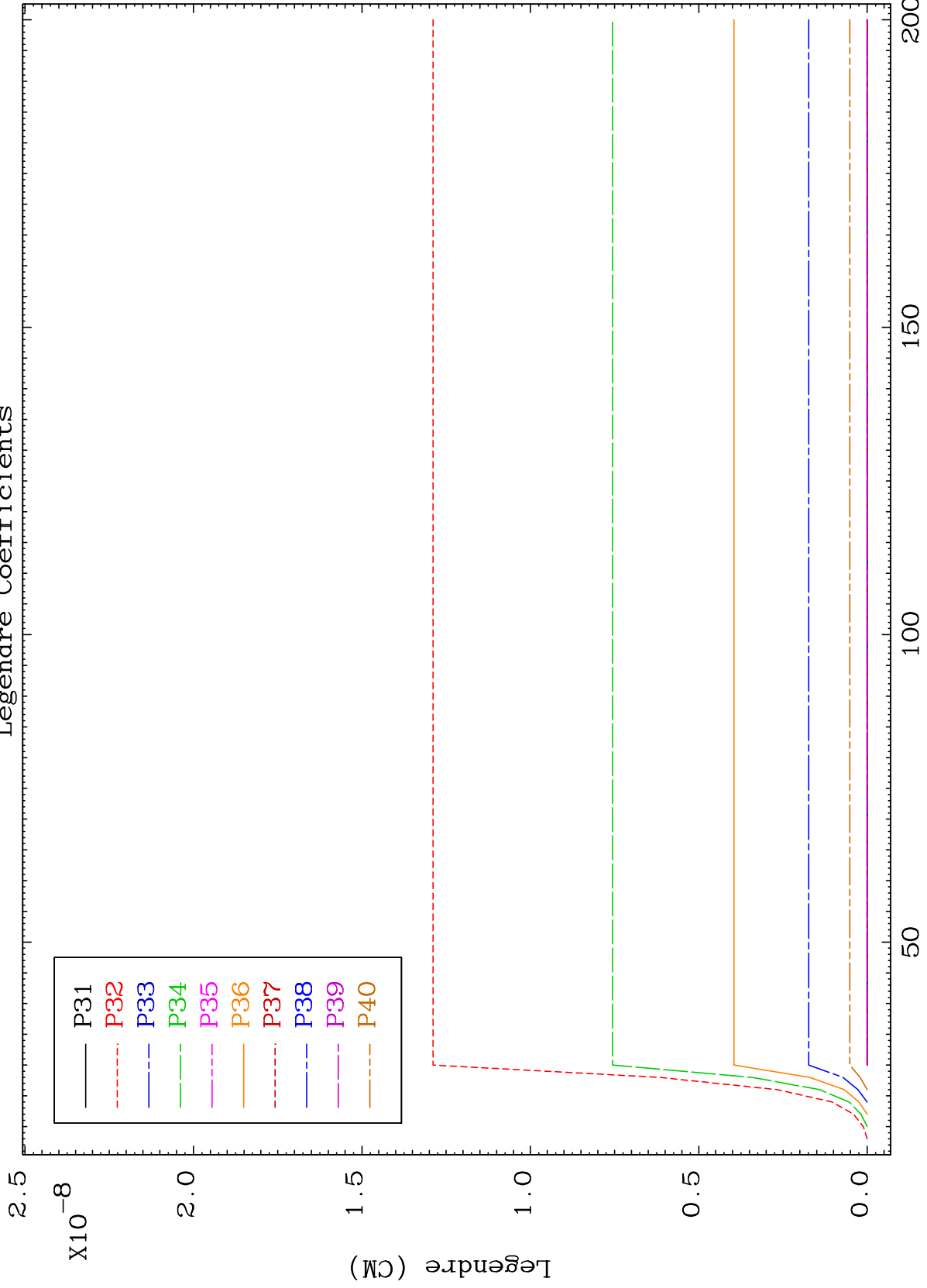


28 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42

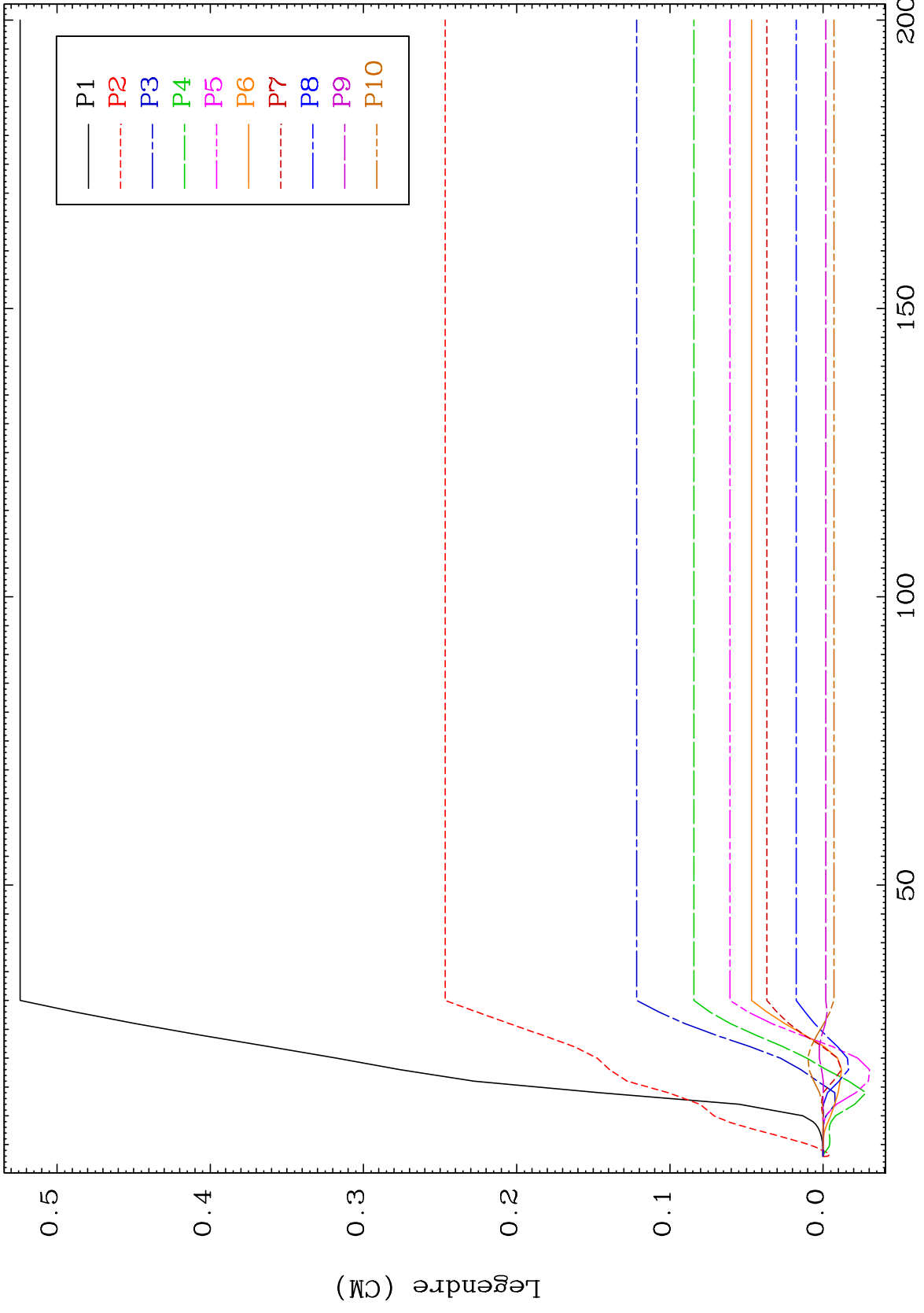


29

Incident Energy (MeV)

16-S -42

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

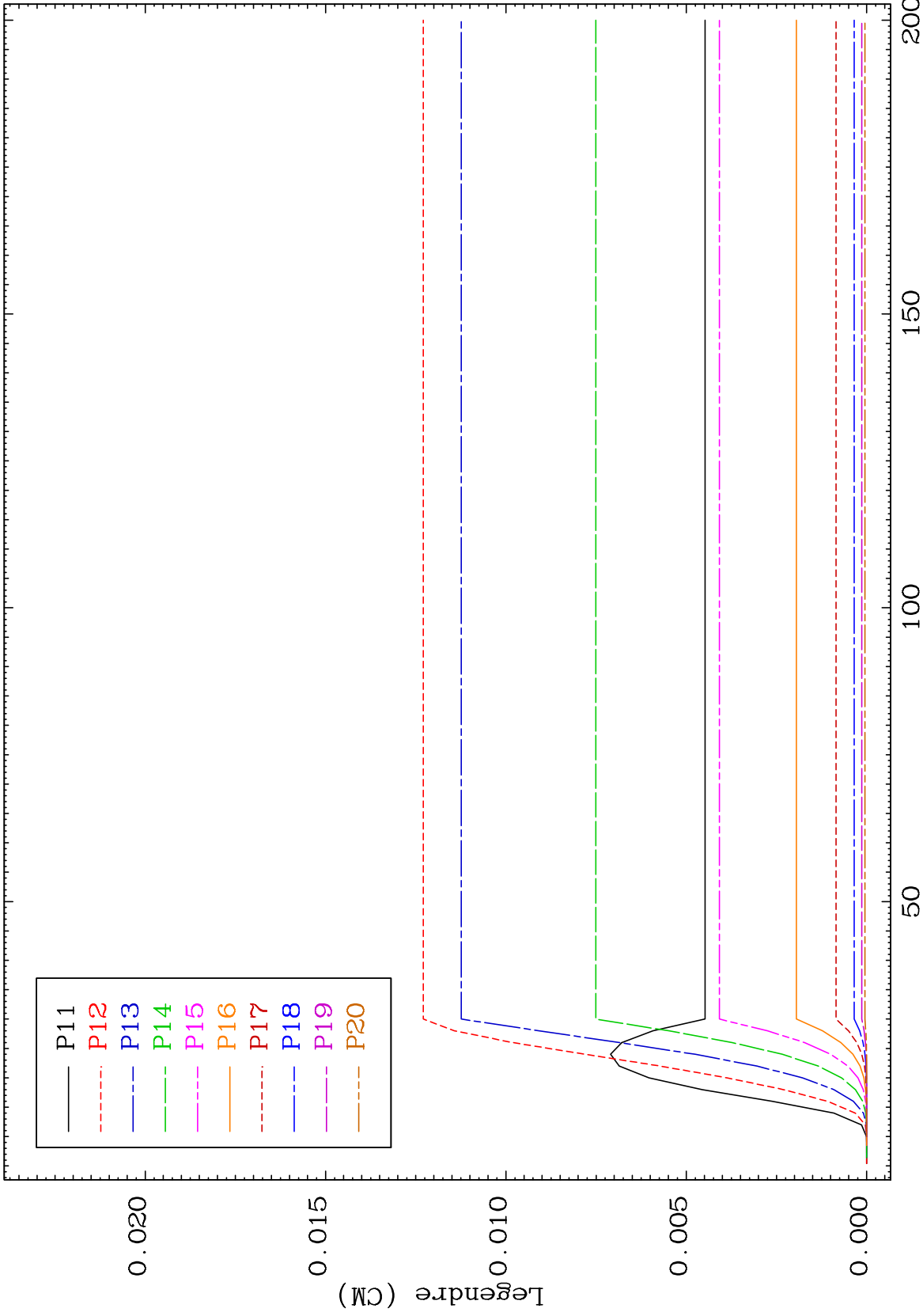


Legendre (CM) Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



31

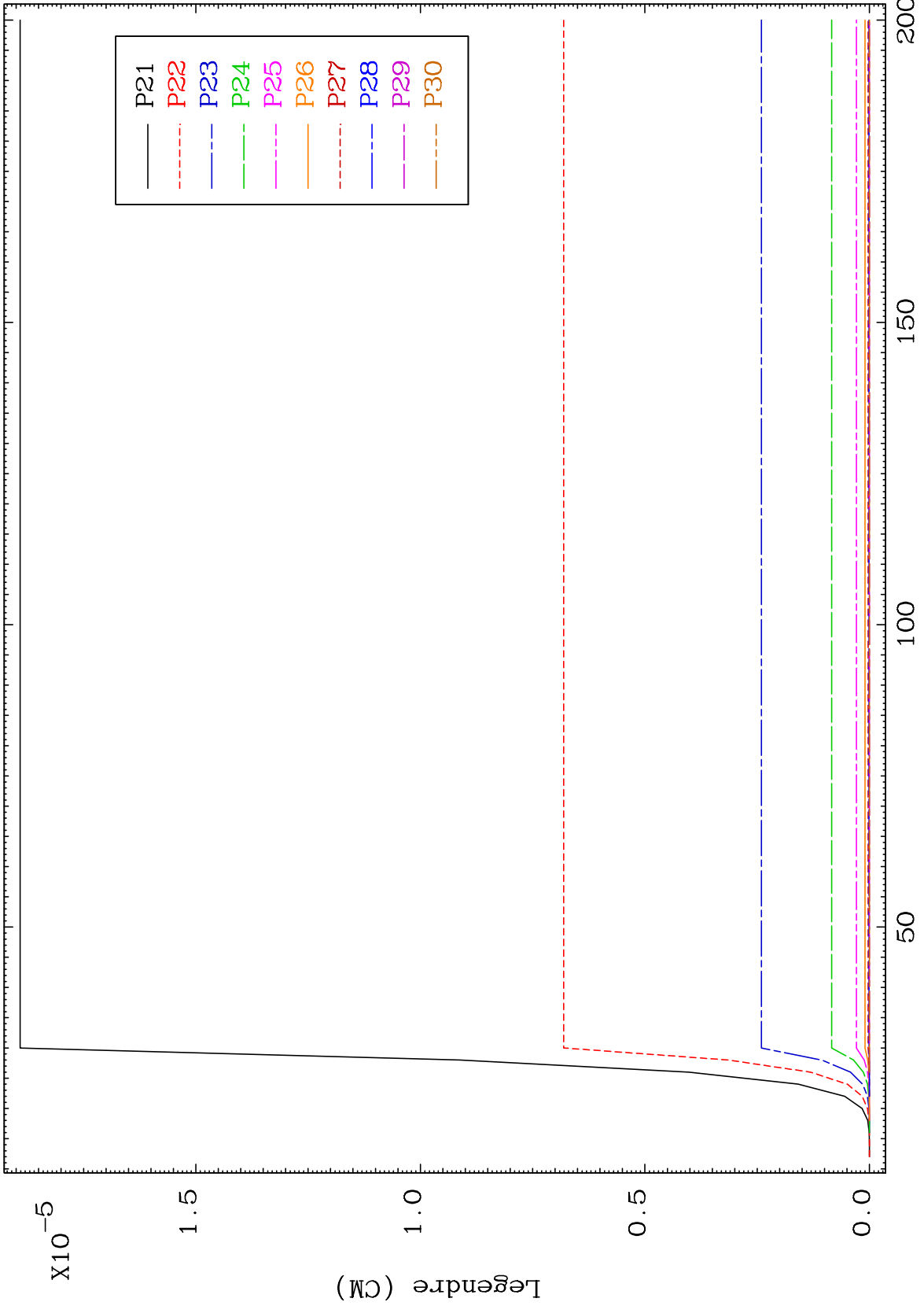
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



32

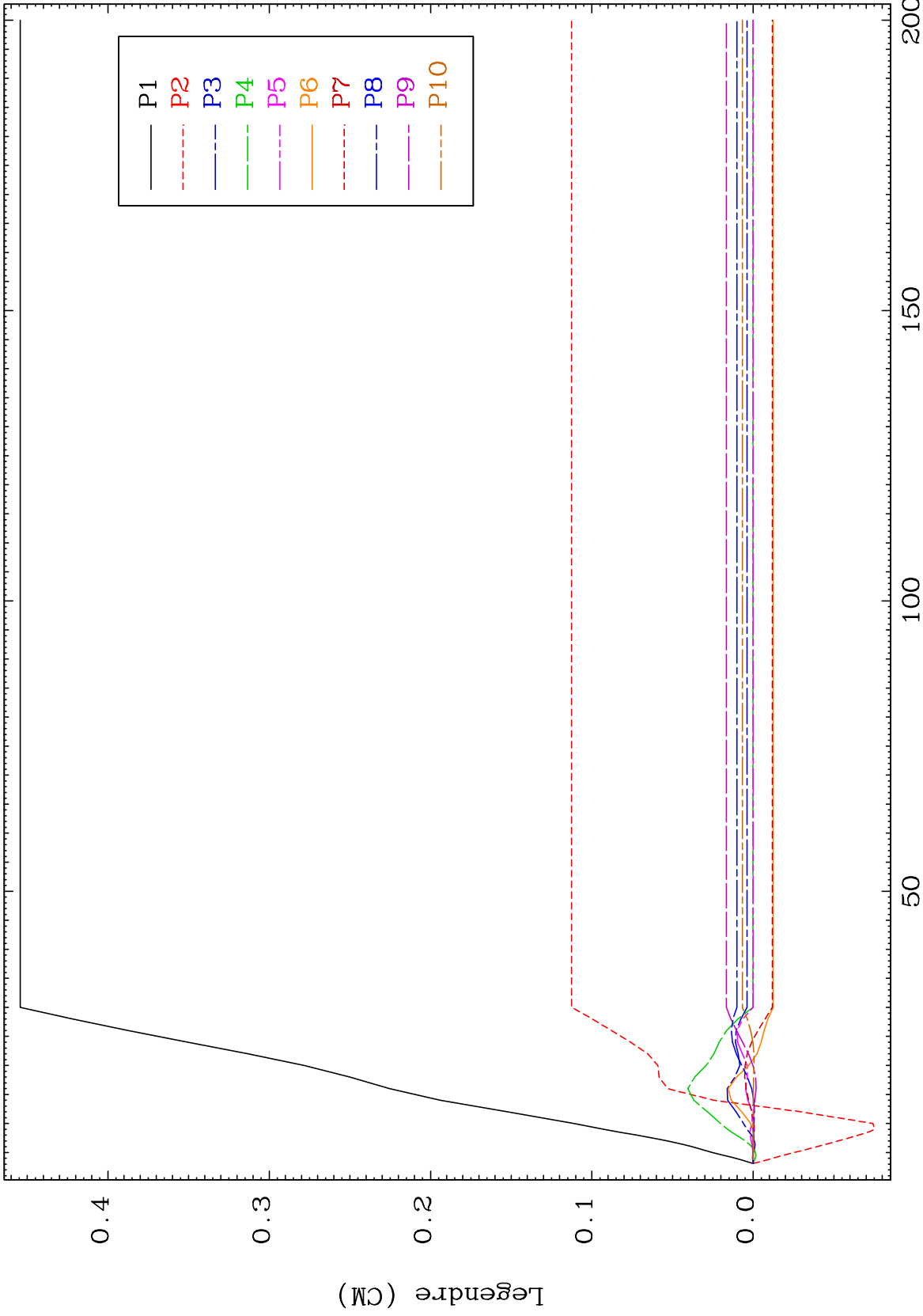
Incident Energy (MeV)

16-S -42

MAT 1655

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

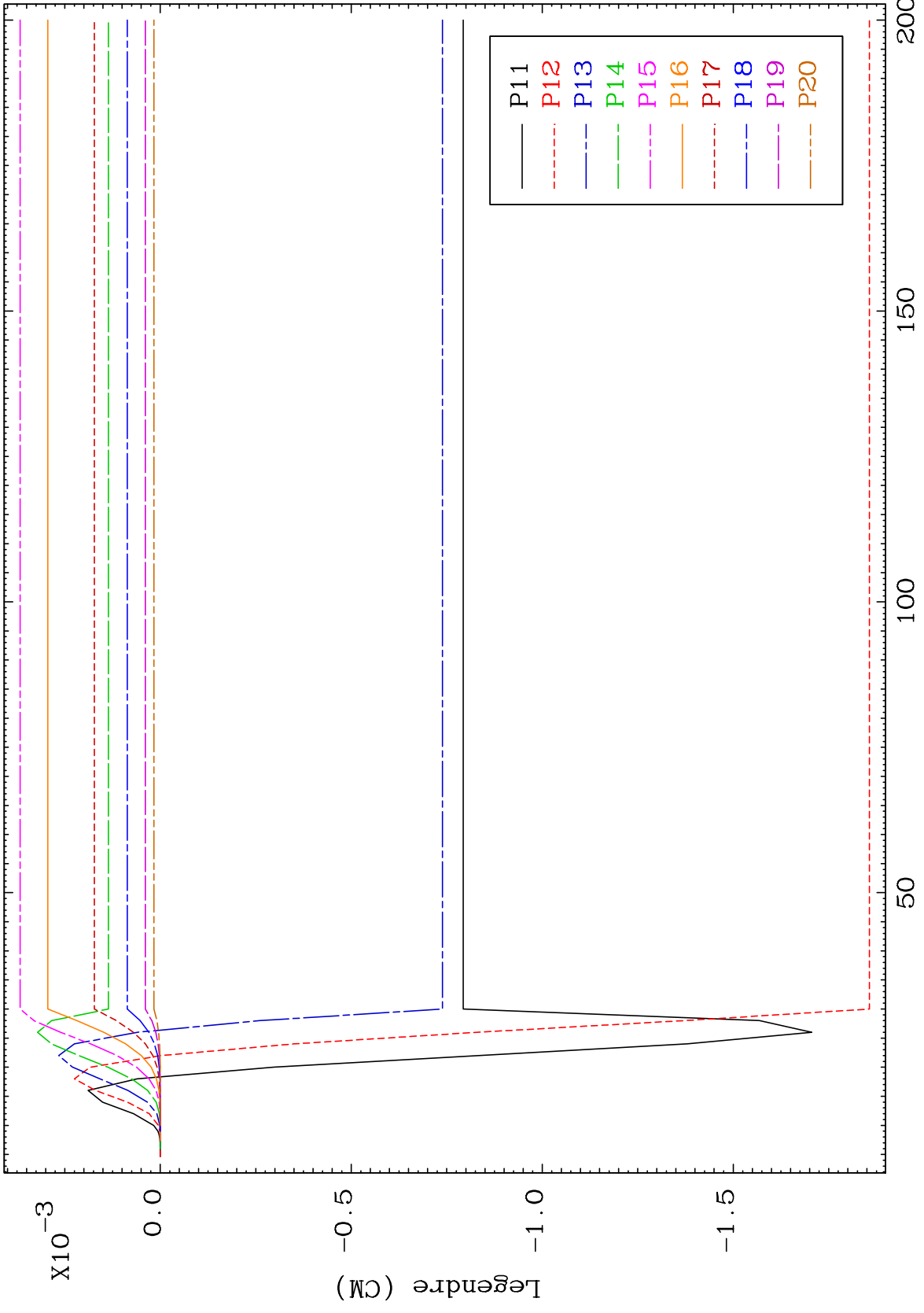
16-S -42



33

Incident Energy (MeV)

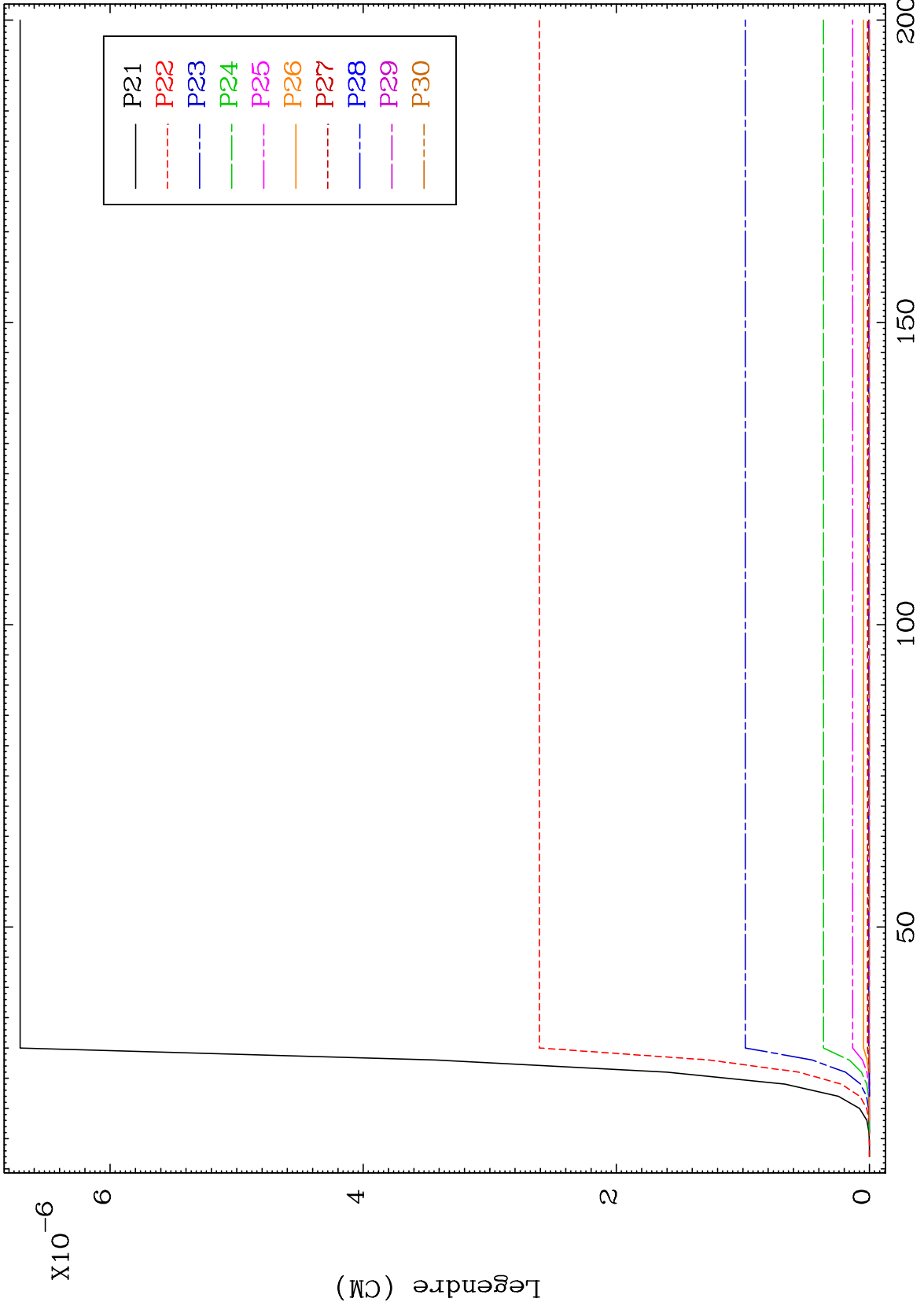
16-S -42



MAT 1655

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

16-S -42

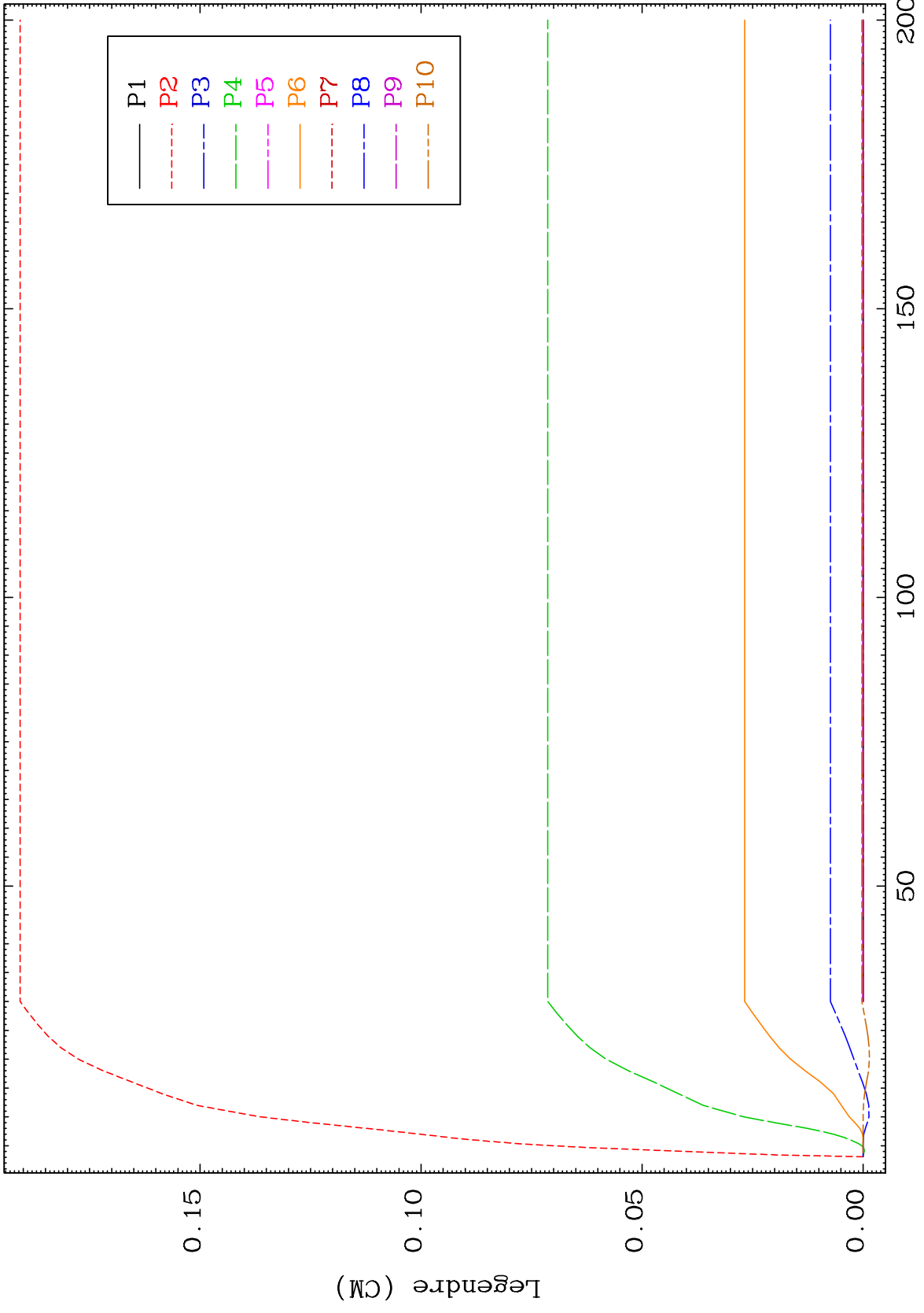


35

Incident Energy (MeV)

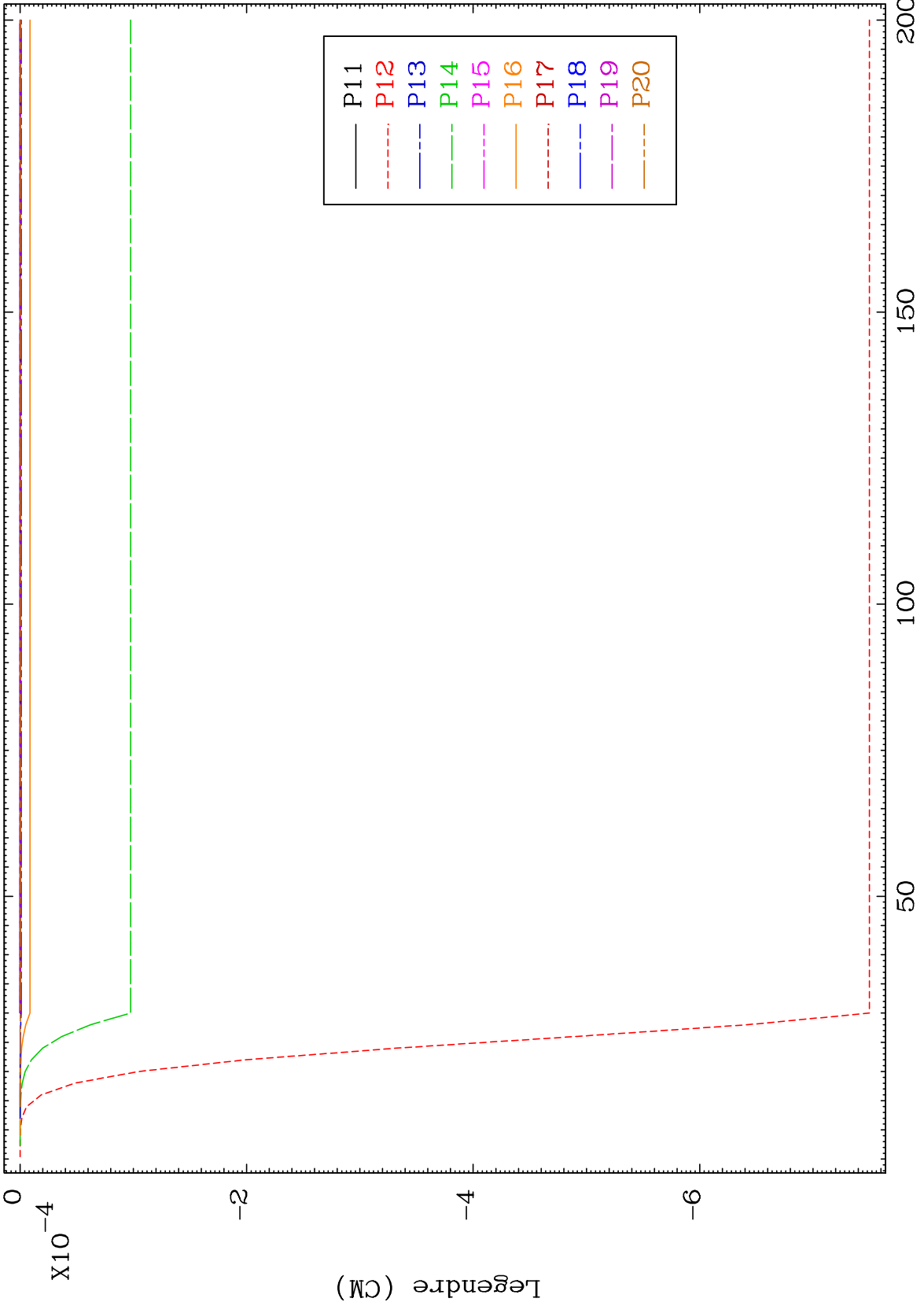
16-S -42

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



36 50 100 150 200 16-S -42

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

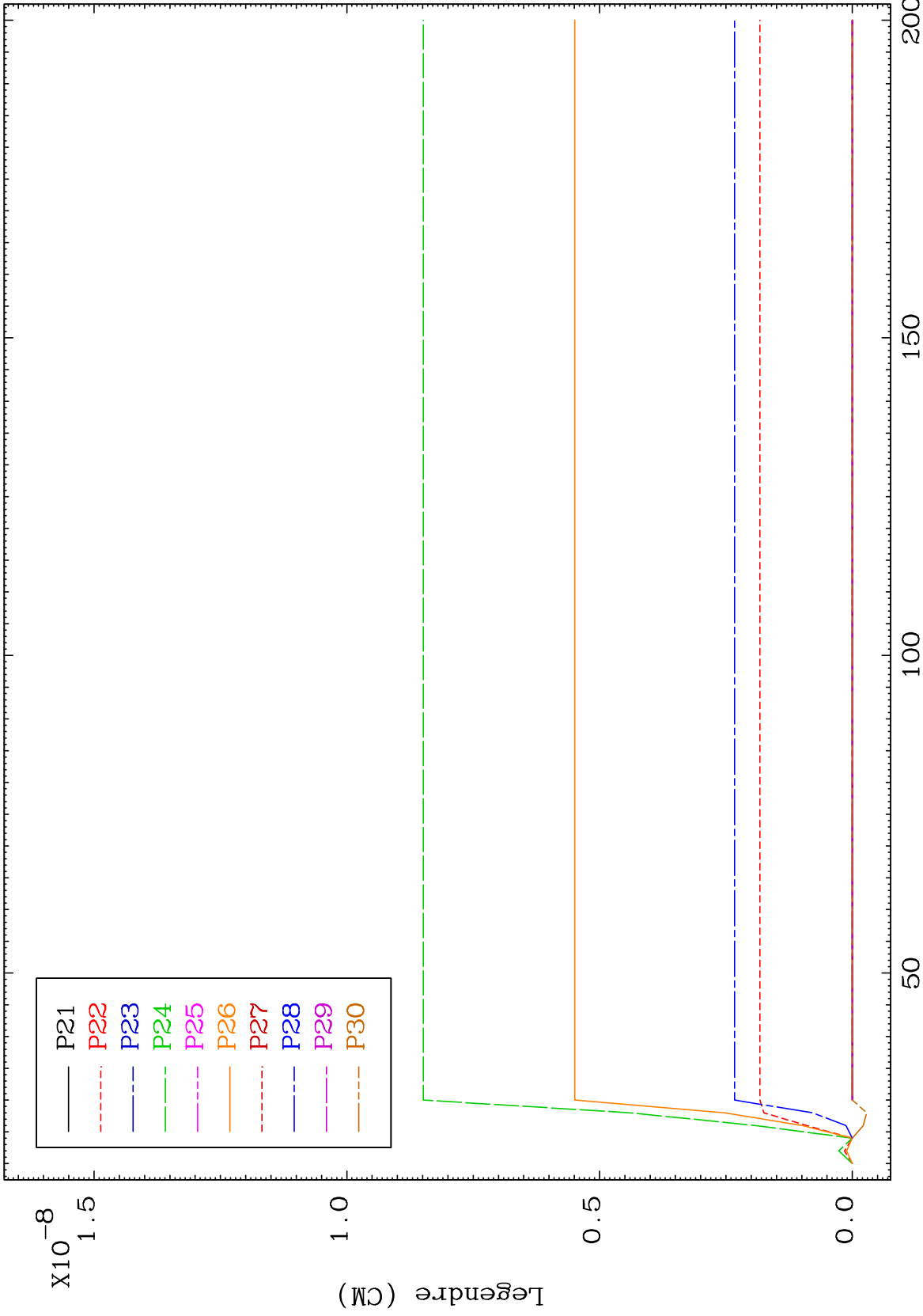


37 16-S -42

MAT 1655

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

16-S -42

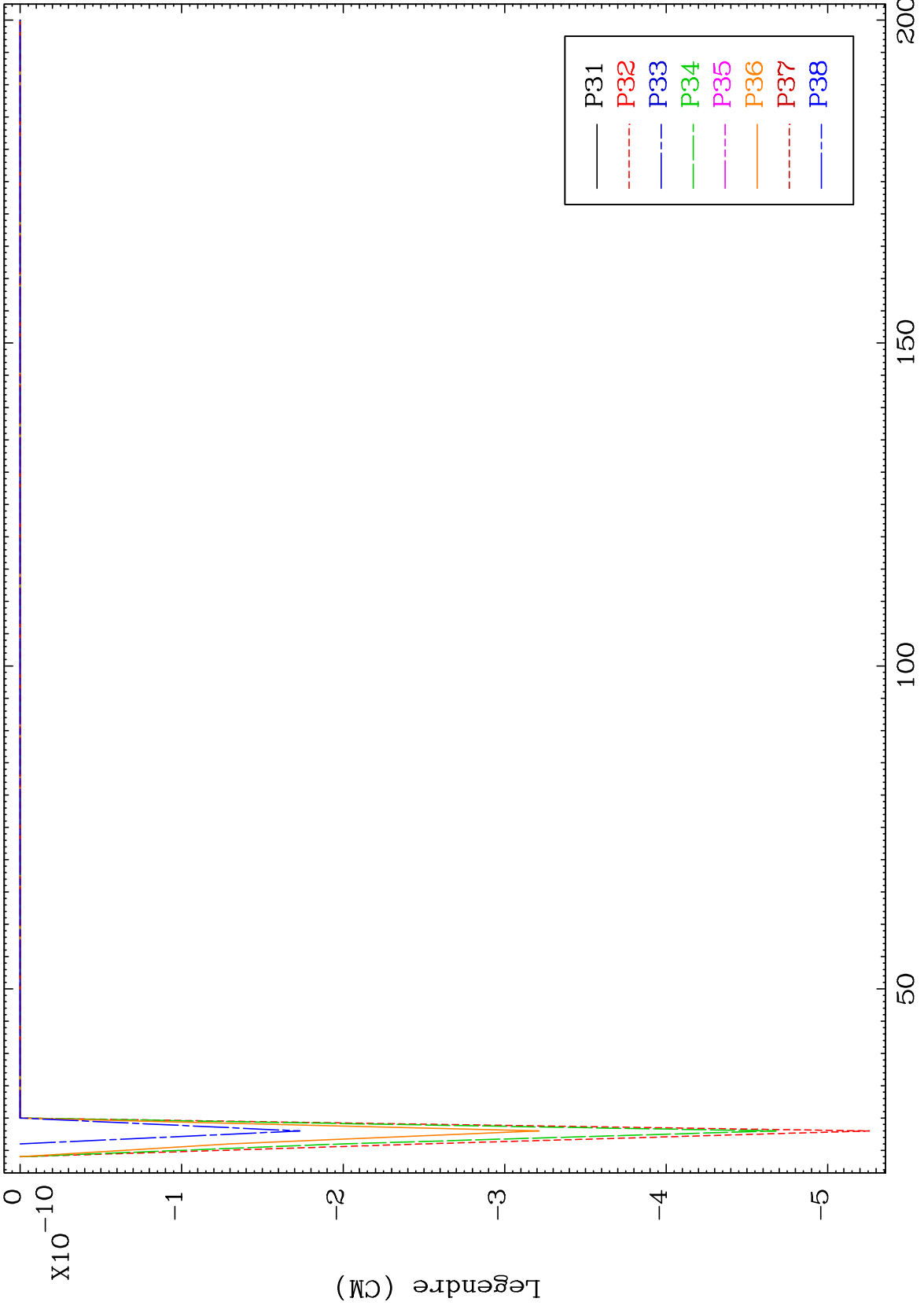


38

Incident Energy (MeV)

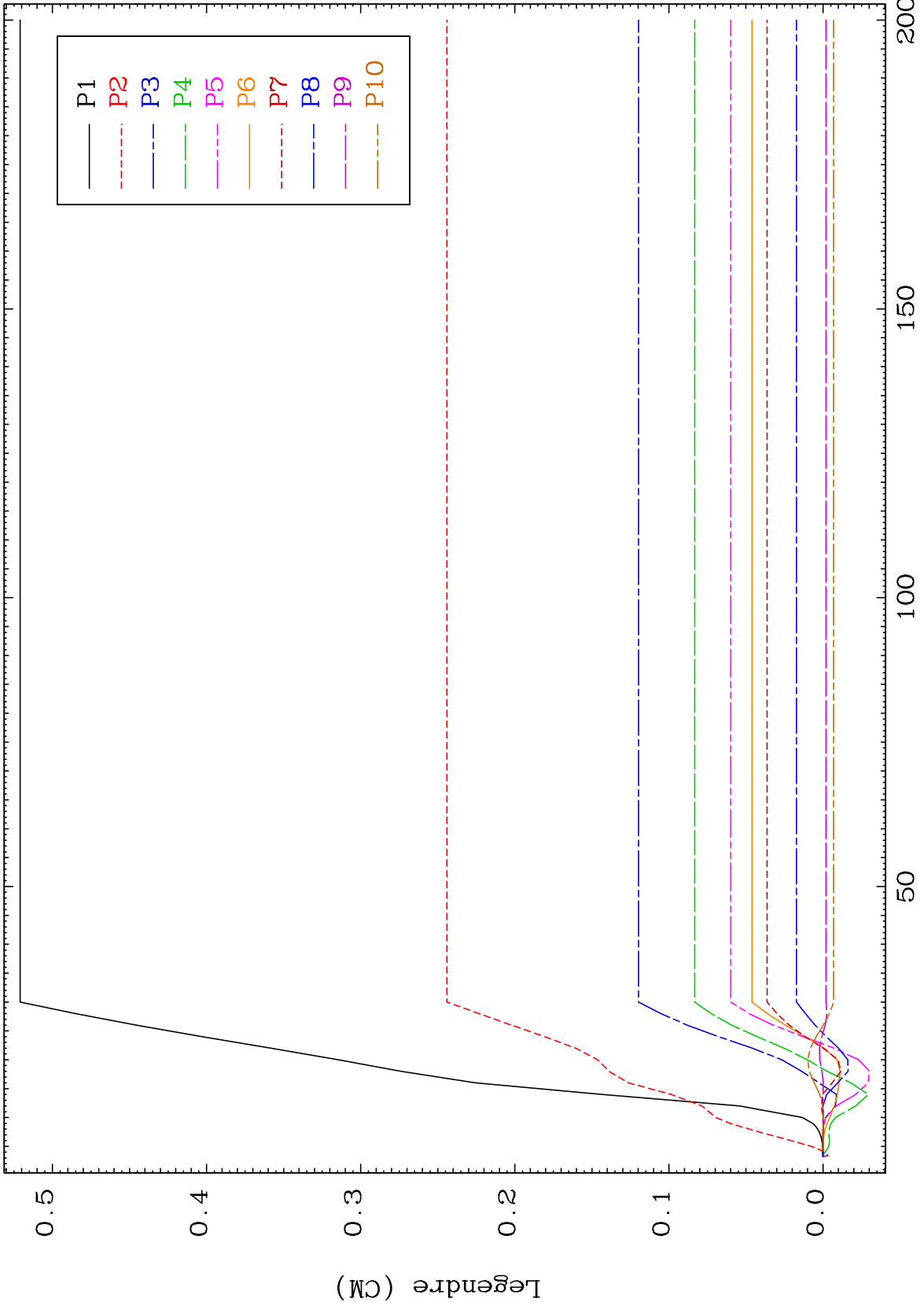
16-S -42

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

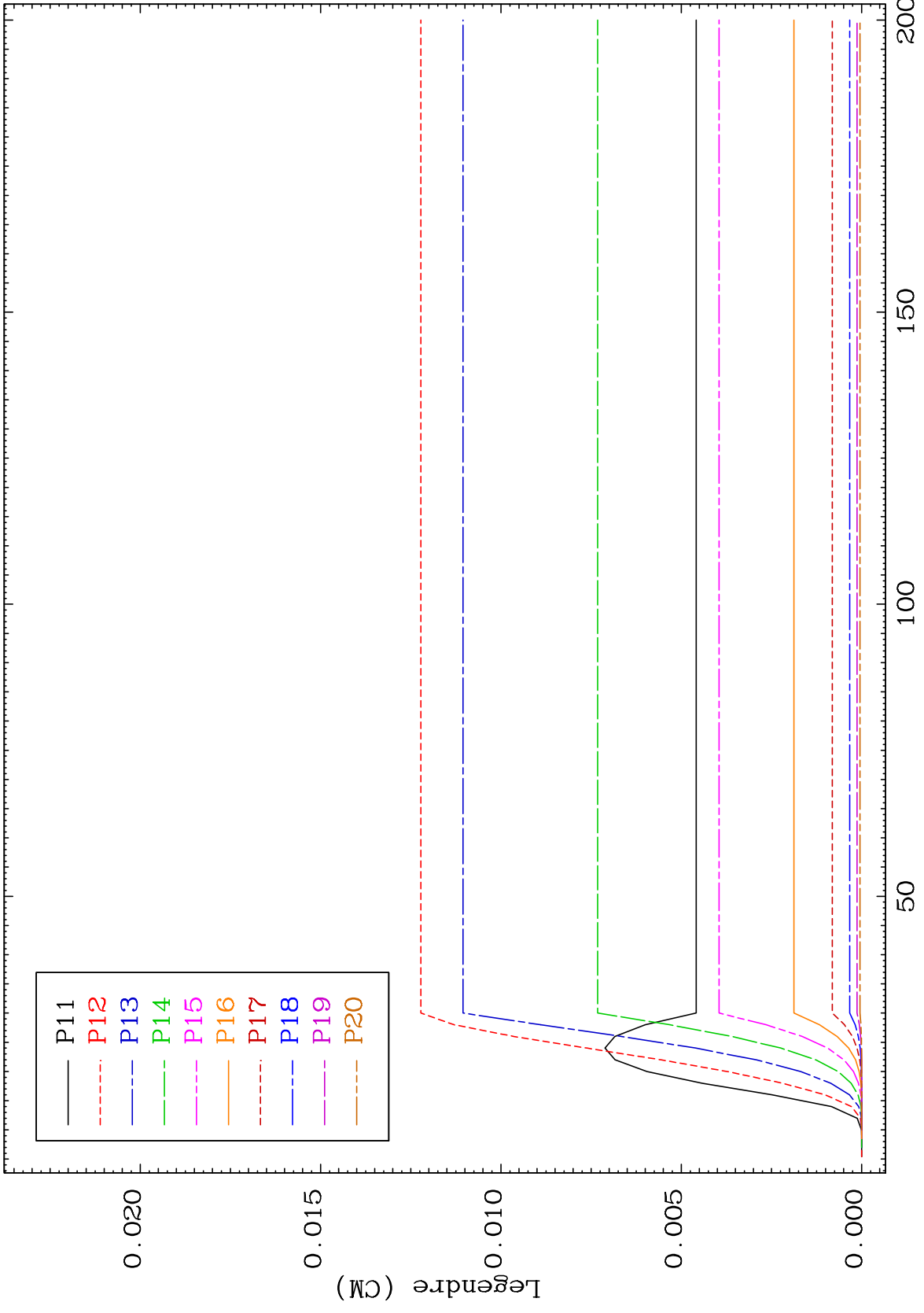


39 50 100 150 200 16-S -42

MAT 1655 MT= 58 (n,n') Level Legendre Coefficients 16-S -42



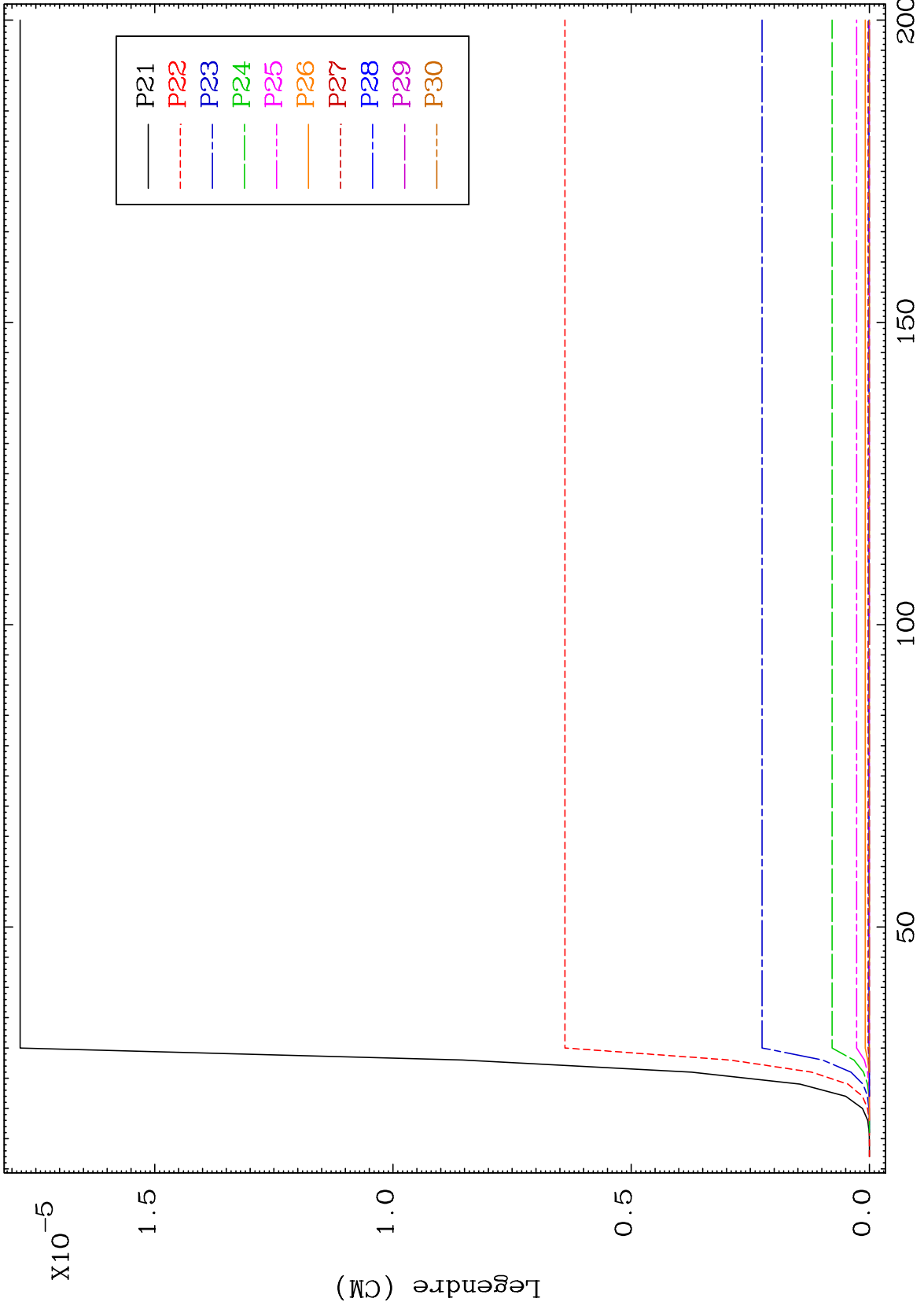
40 Incident Energy (MeV) 16-S -42



MAT 1655

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

16-S -42

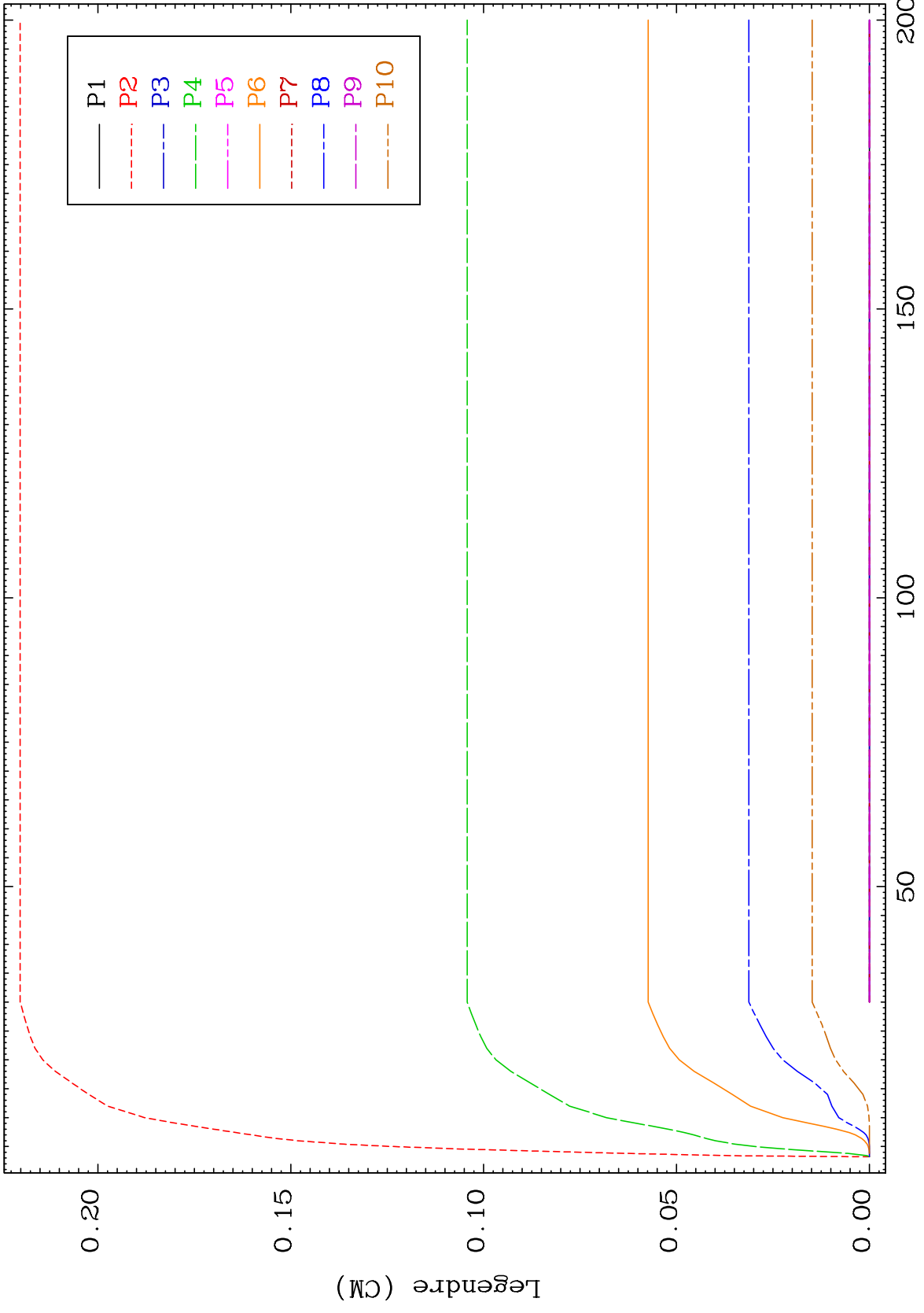


42

Incident Energy (MeV)

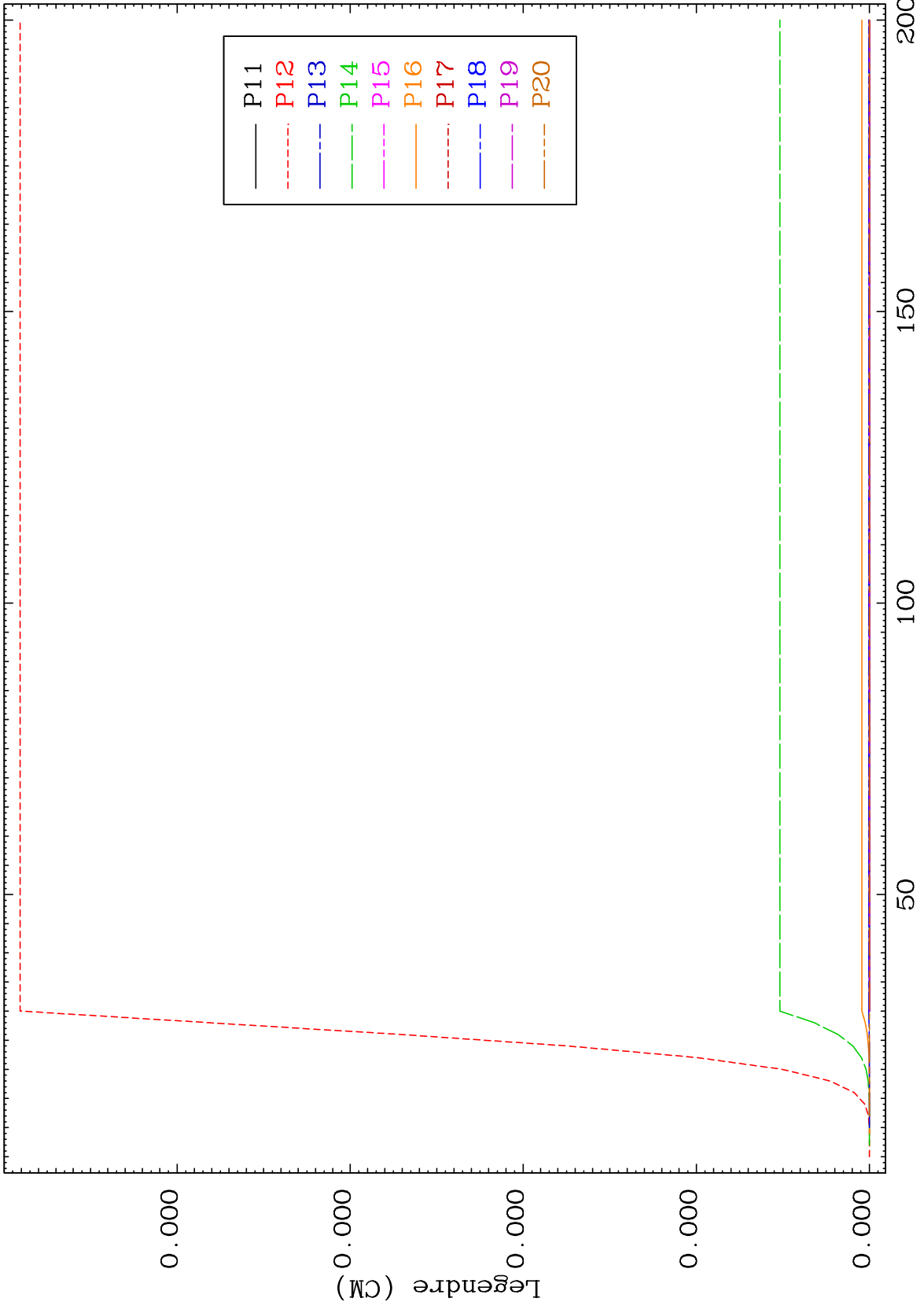
16-S -42

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



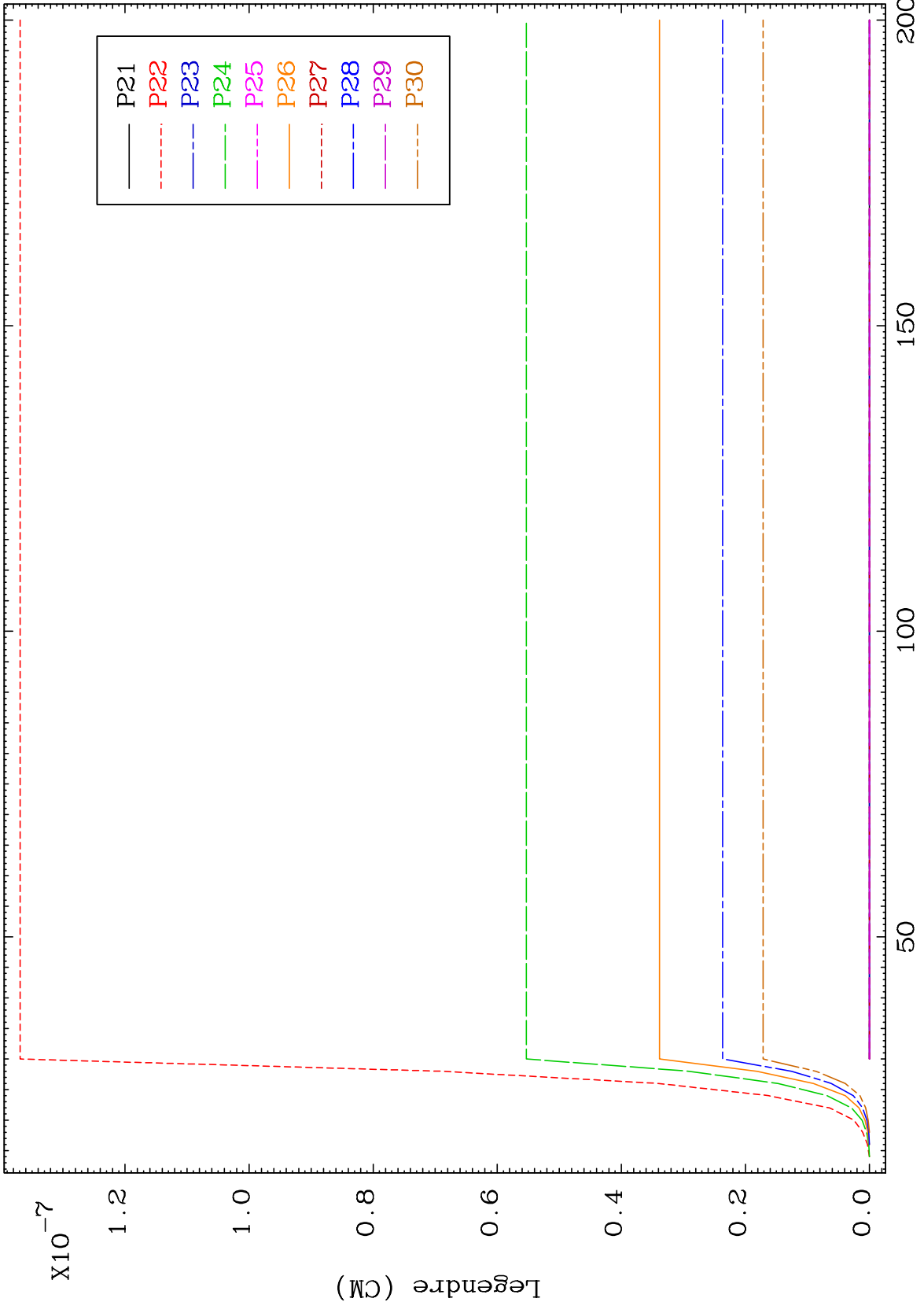
43 50 100 150 200 16-S -42

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



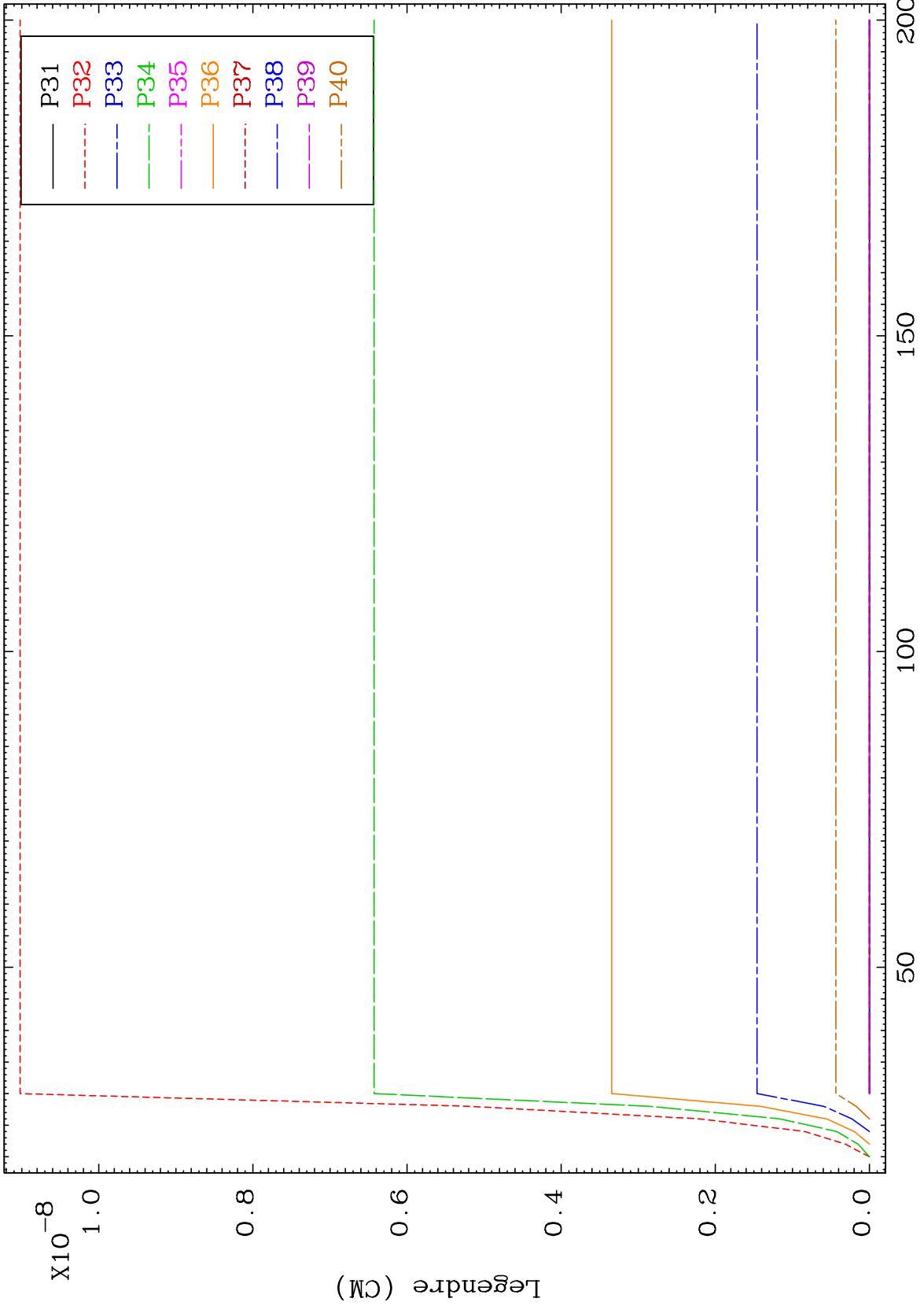
44 16-S -42

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



45 Incident Energy (MeV) 16-S -42

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

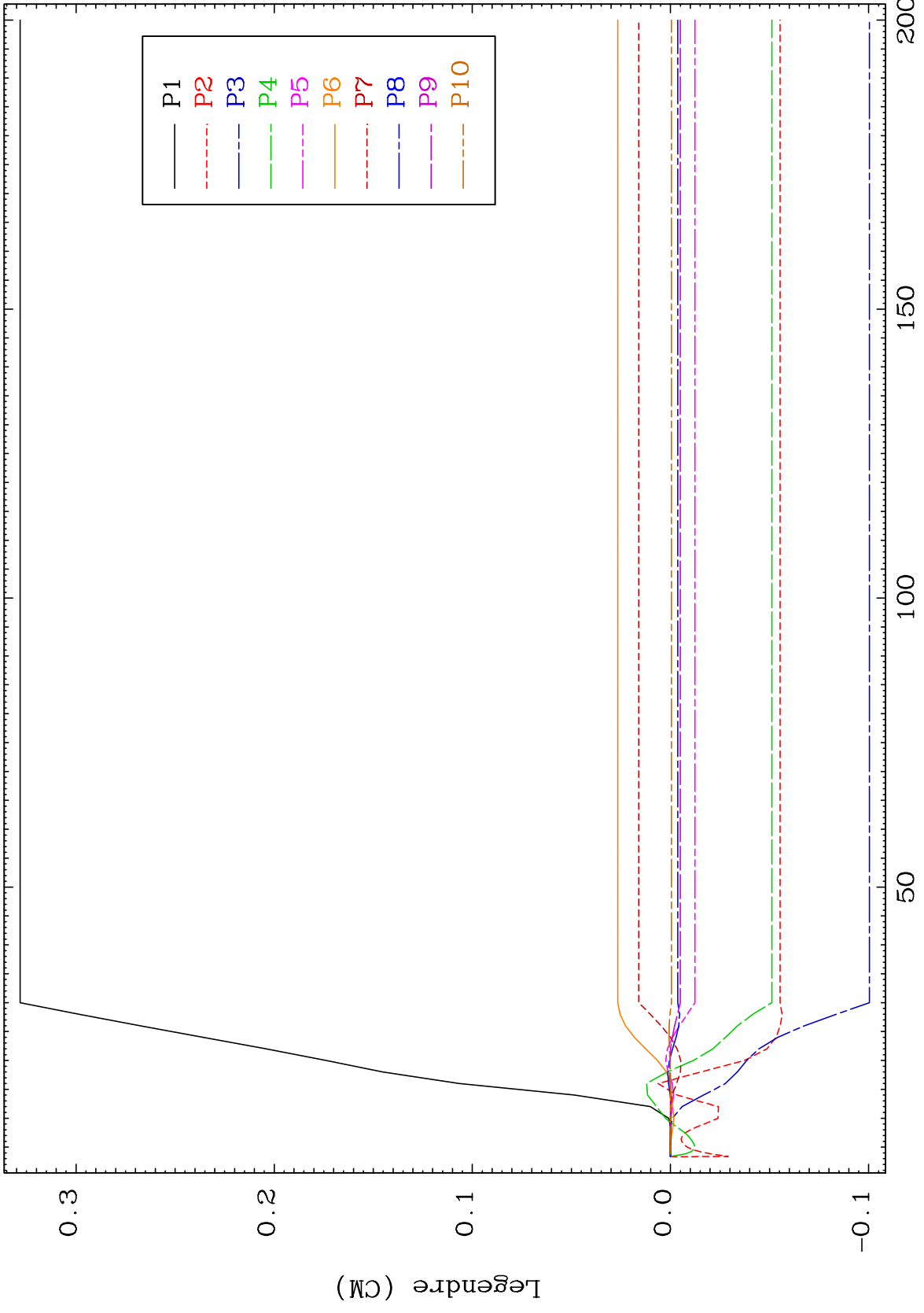


46 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



47

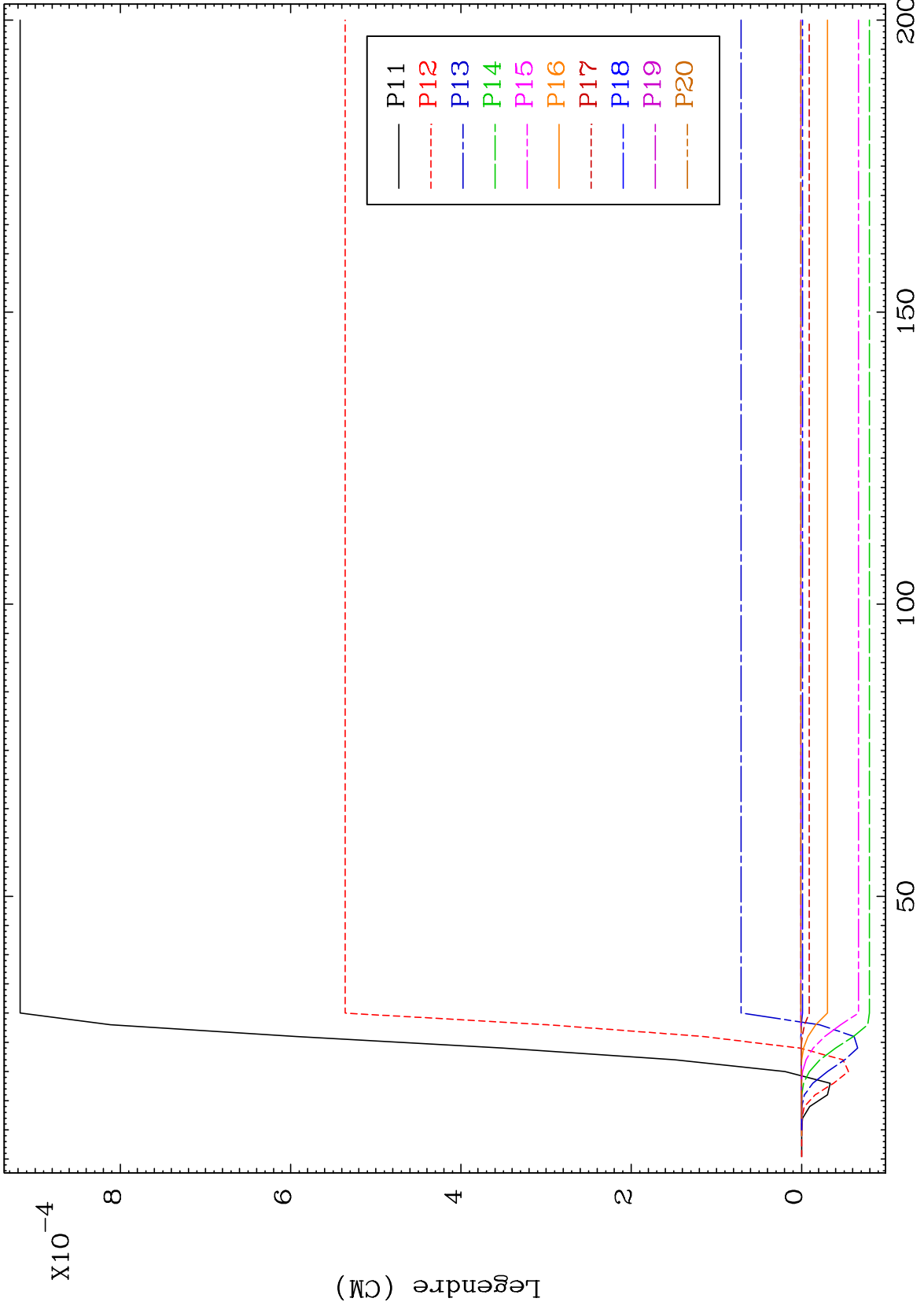
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



48

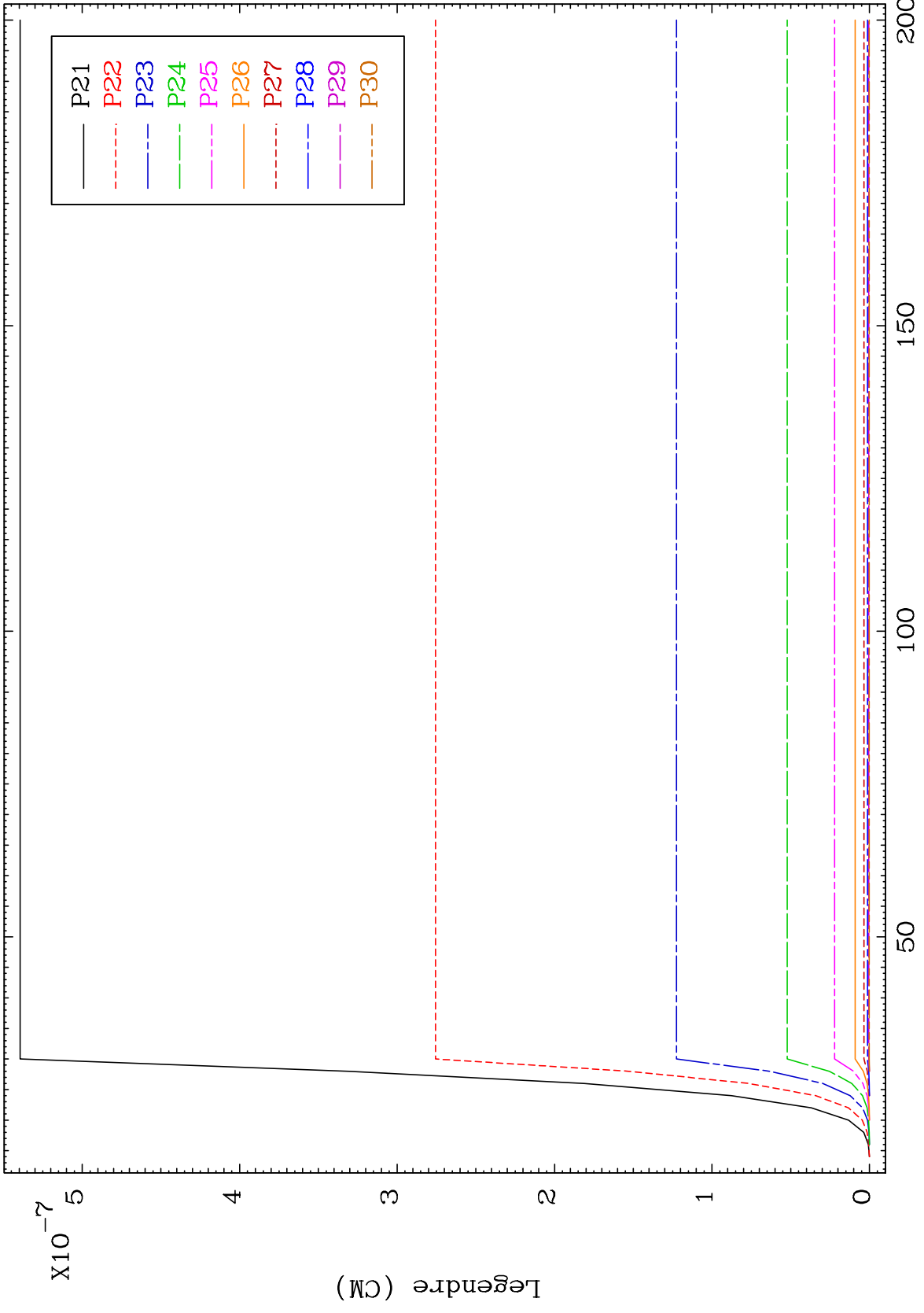
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

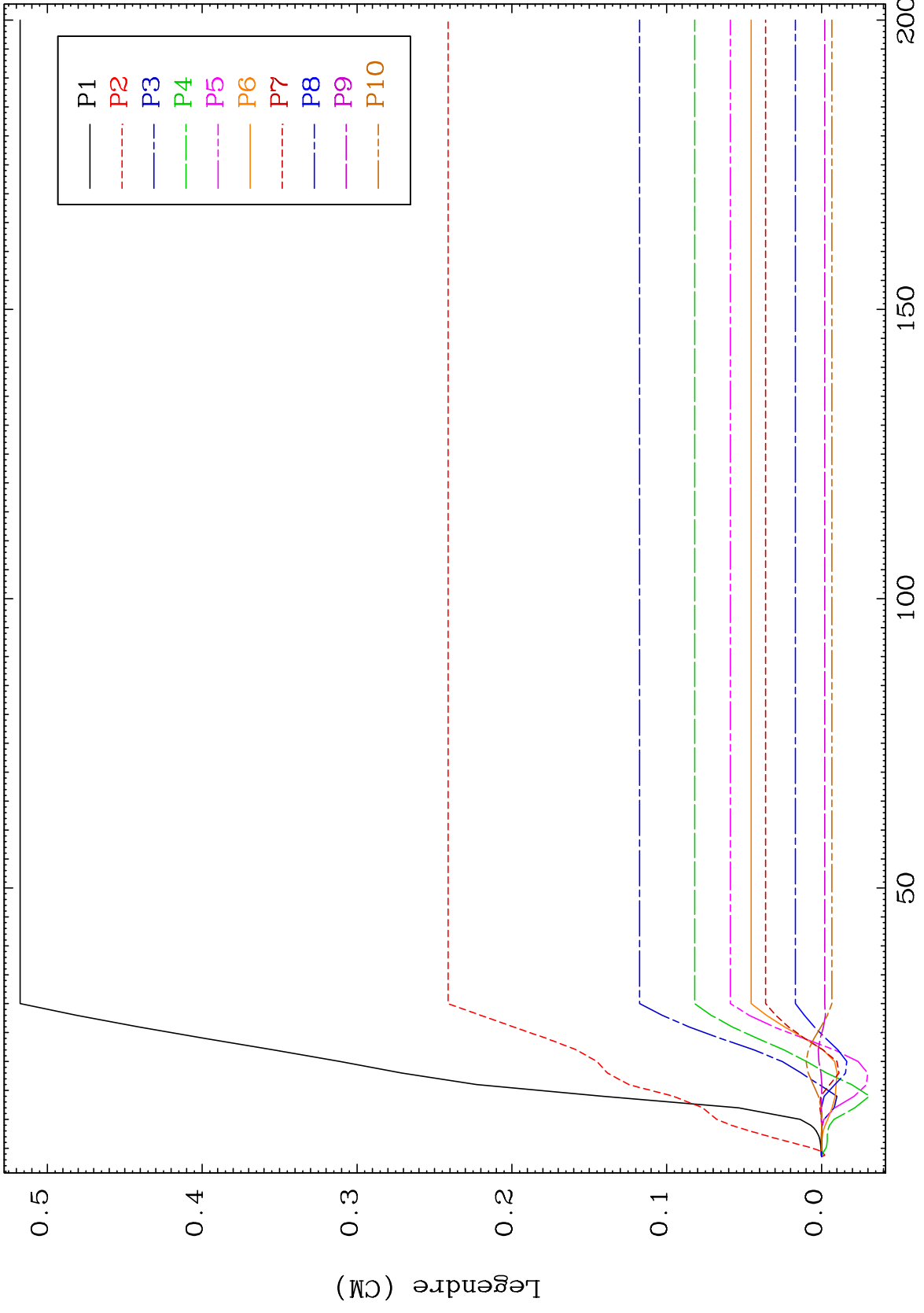


49

Incident Energy (MeV)

16-S -42

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

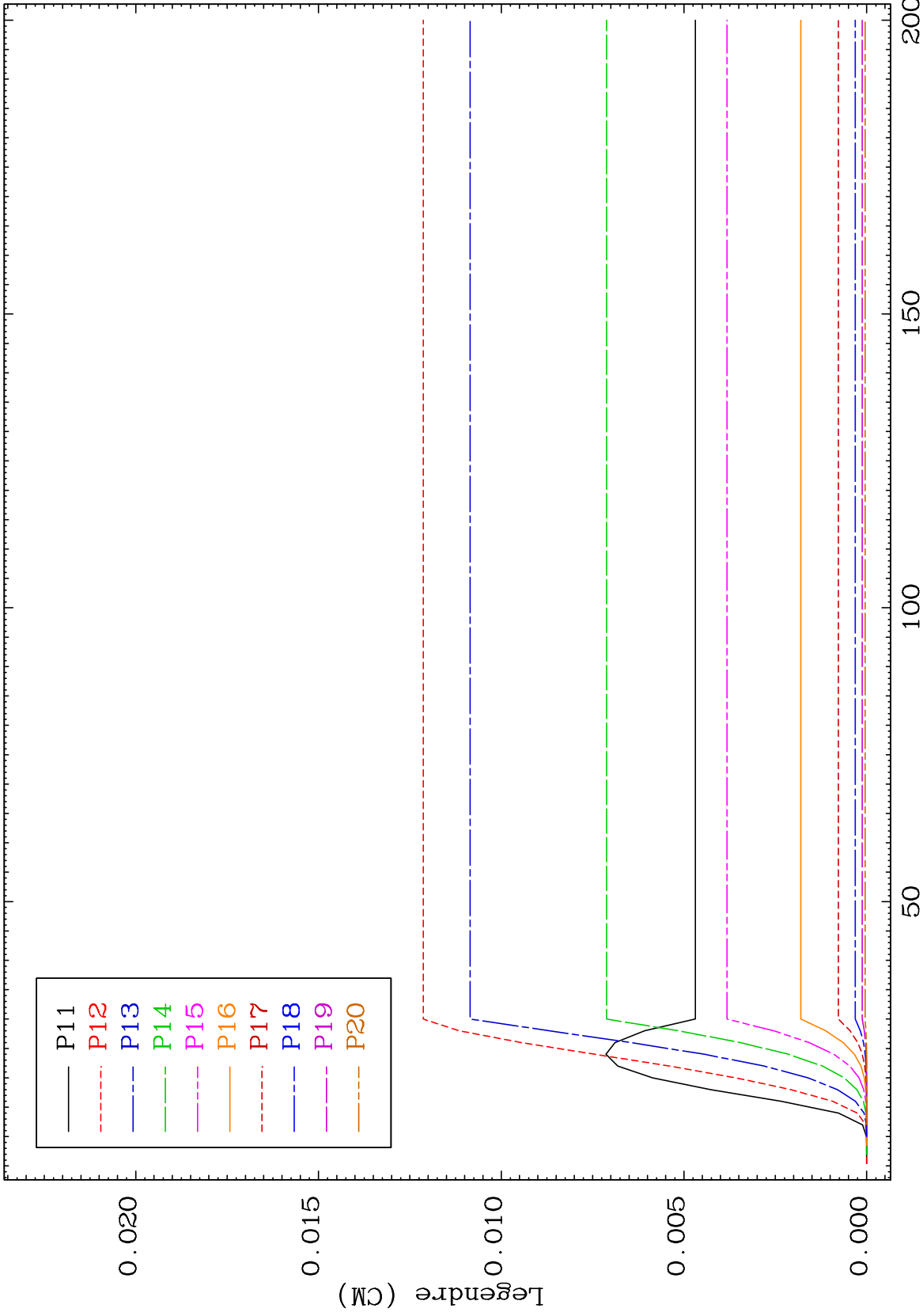


16-S -42

MAT 1655

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

16-S -42



51

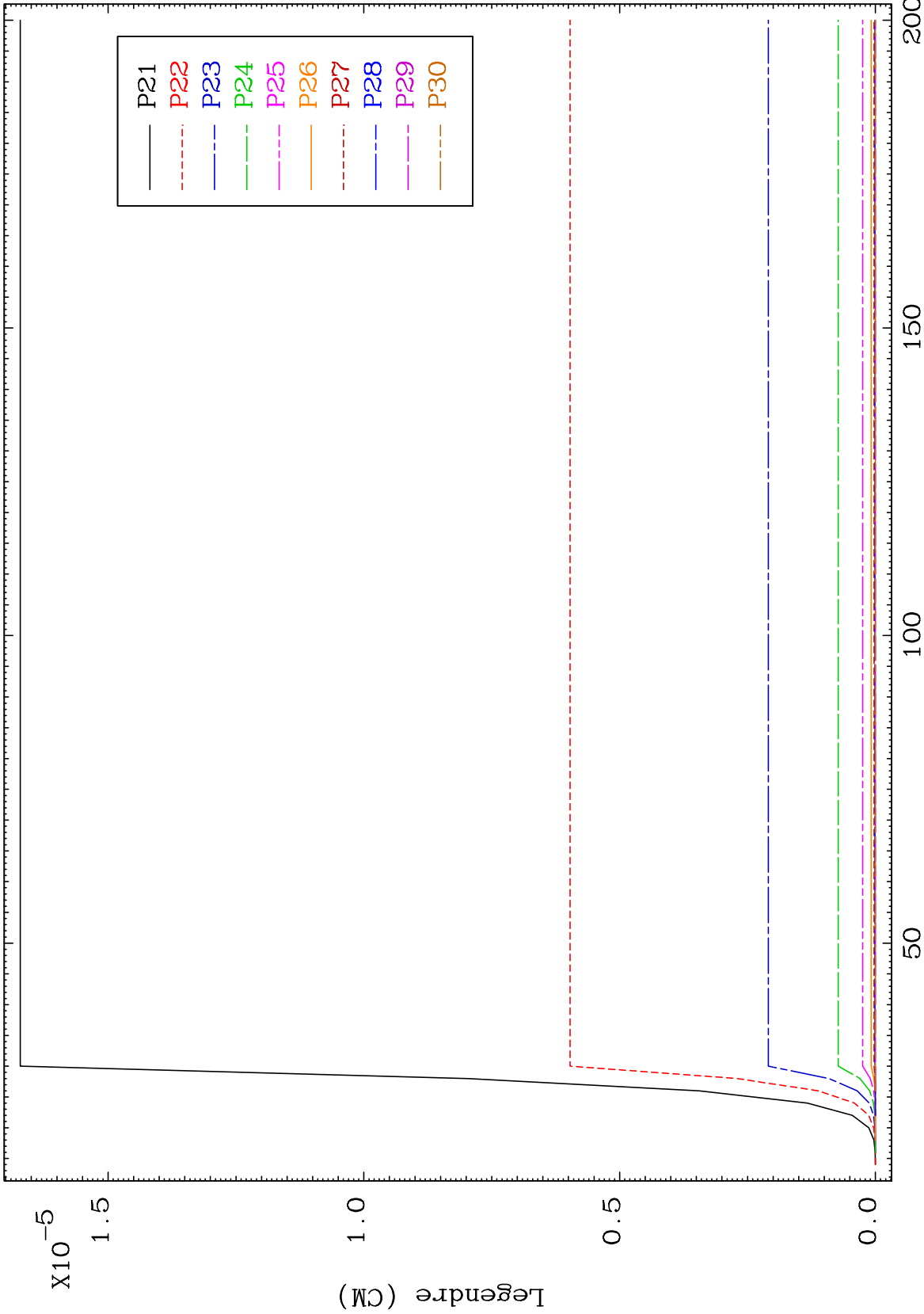
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

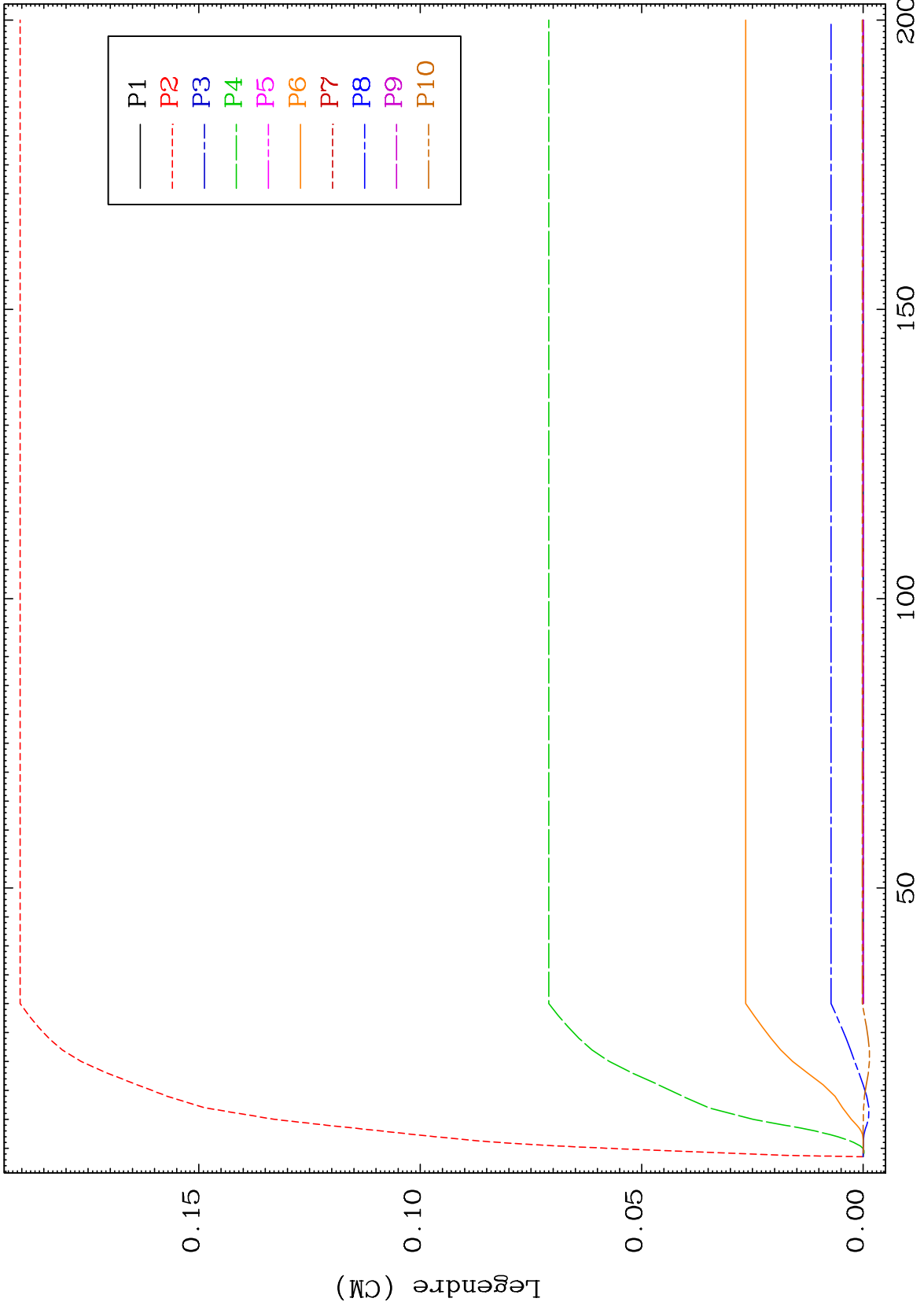


52

Incident Energy (MeV)

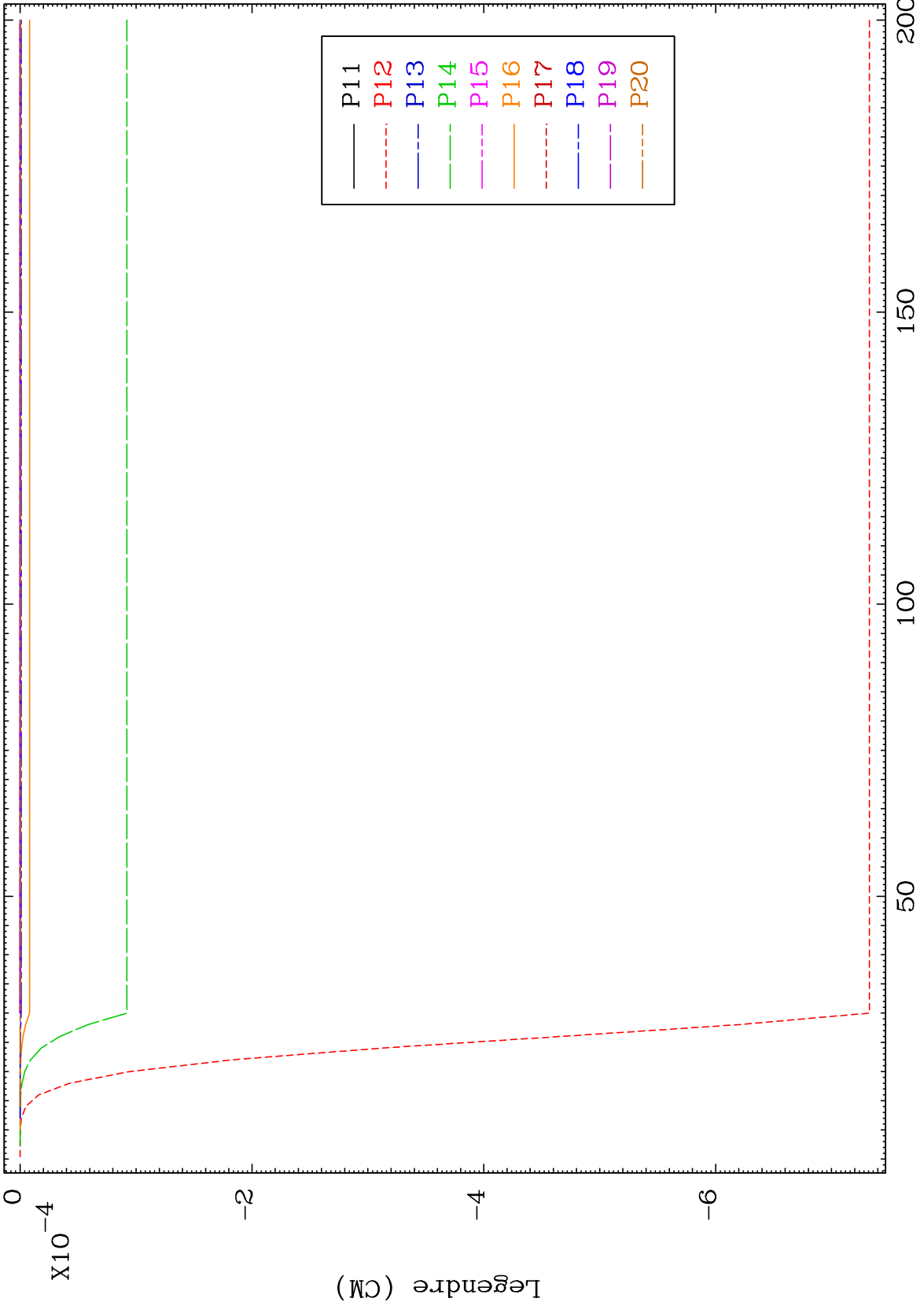
16-S -42

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



53 Incident Energy (MeV) 16-S -42

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

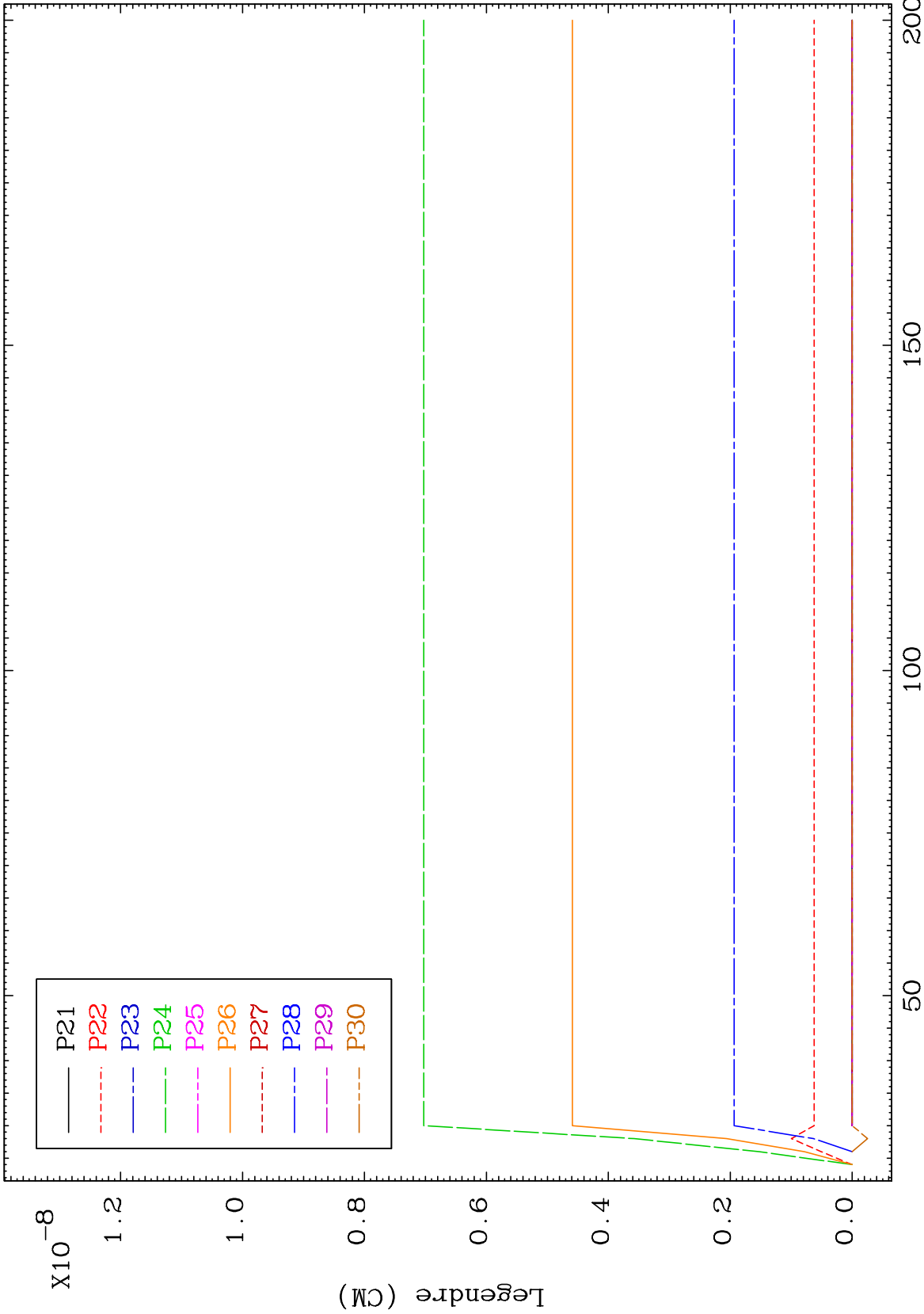


54 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



55

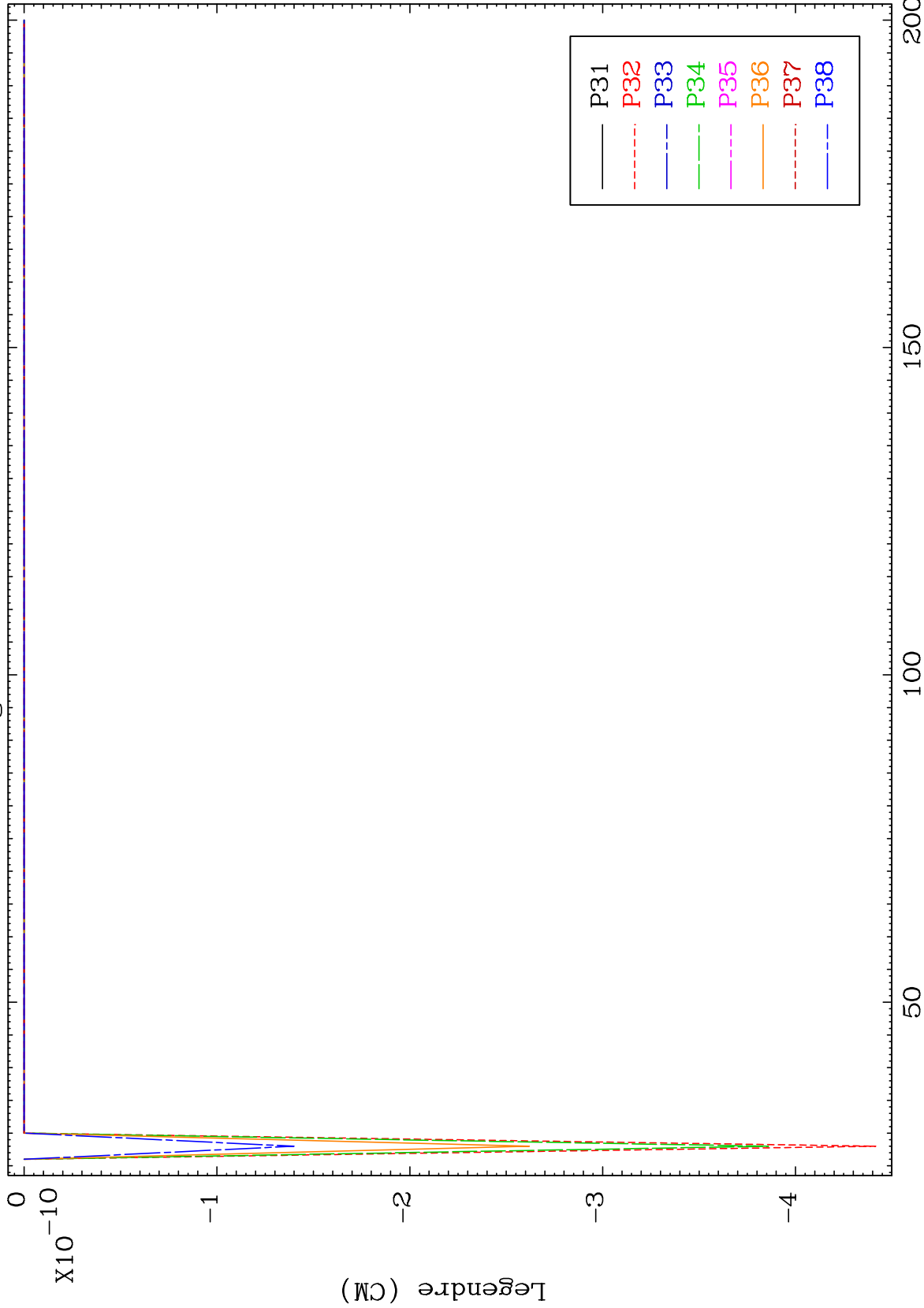
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



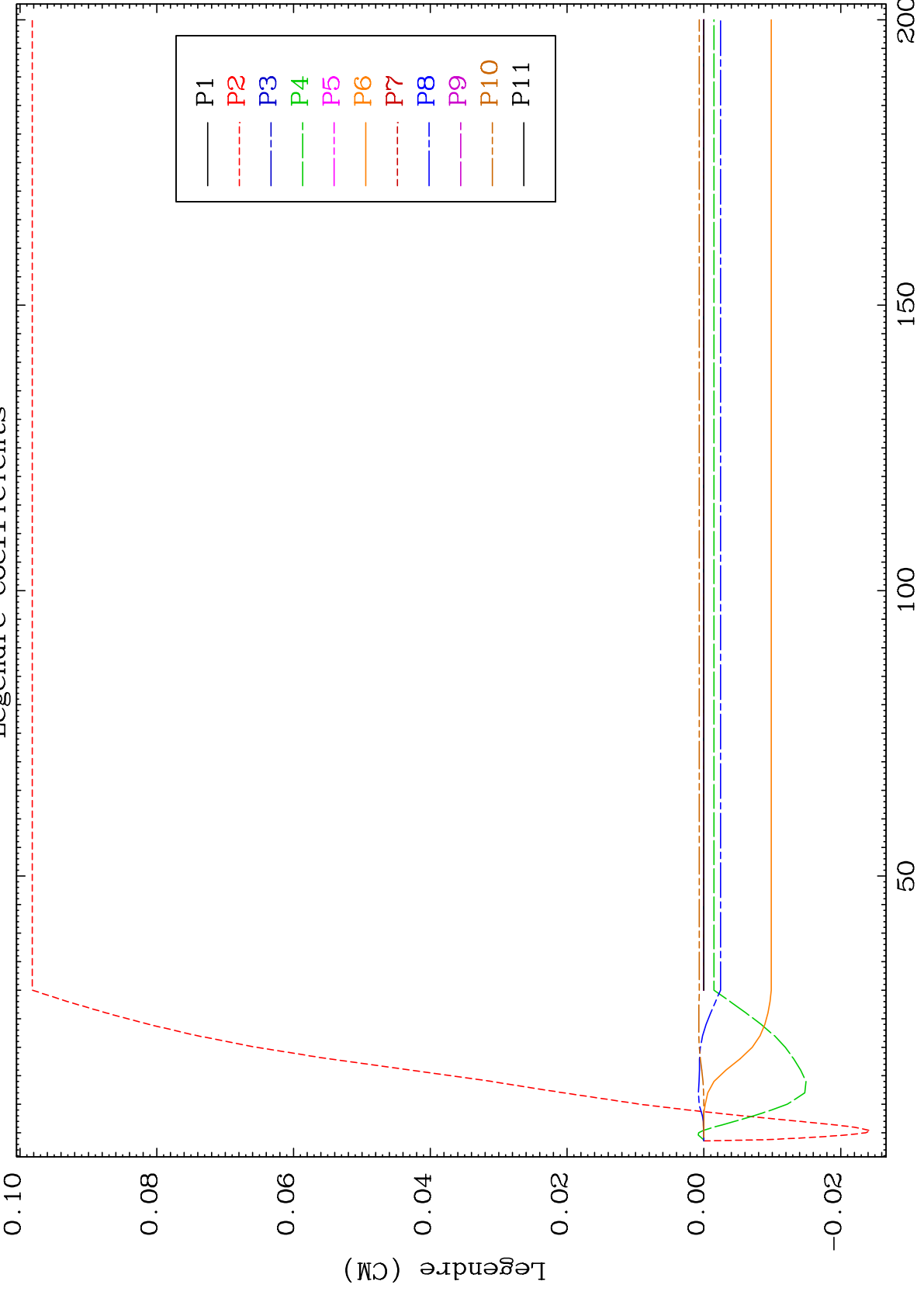
56

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 63 (n,n') Level Legendre Coefficients

16-S -42



16-S -42

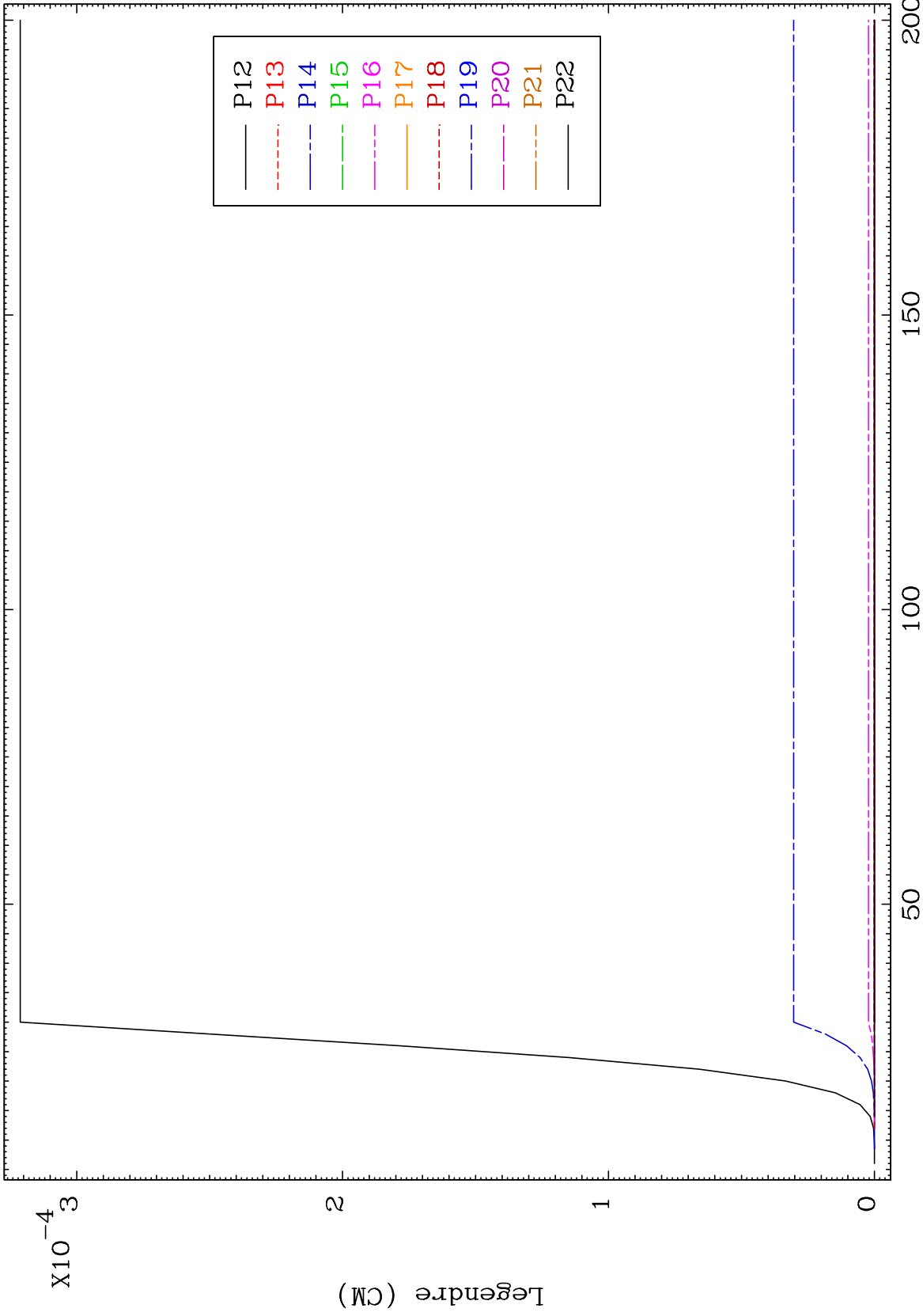
Incident Energy (MeV)

57

MAT 1655

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

16-S -42



58

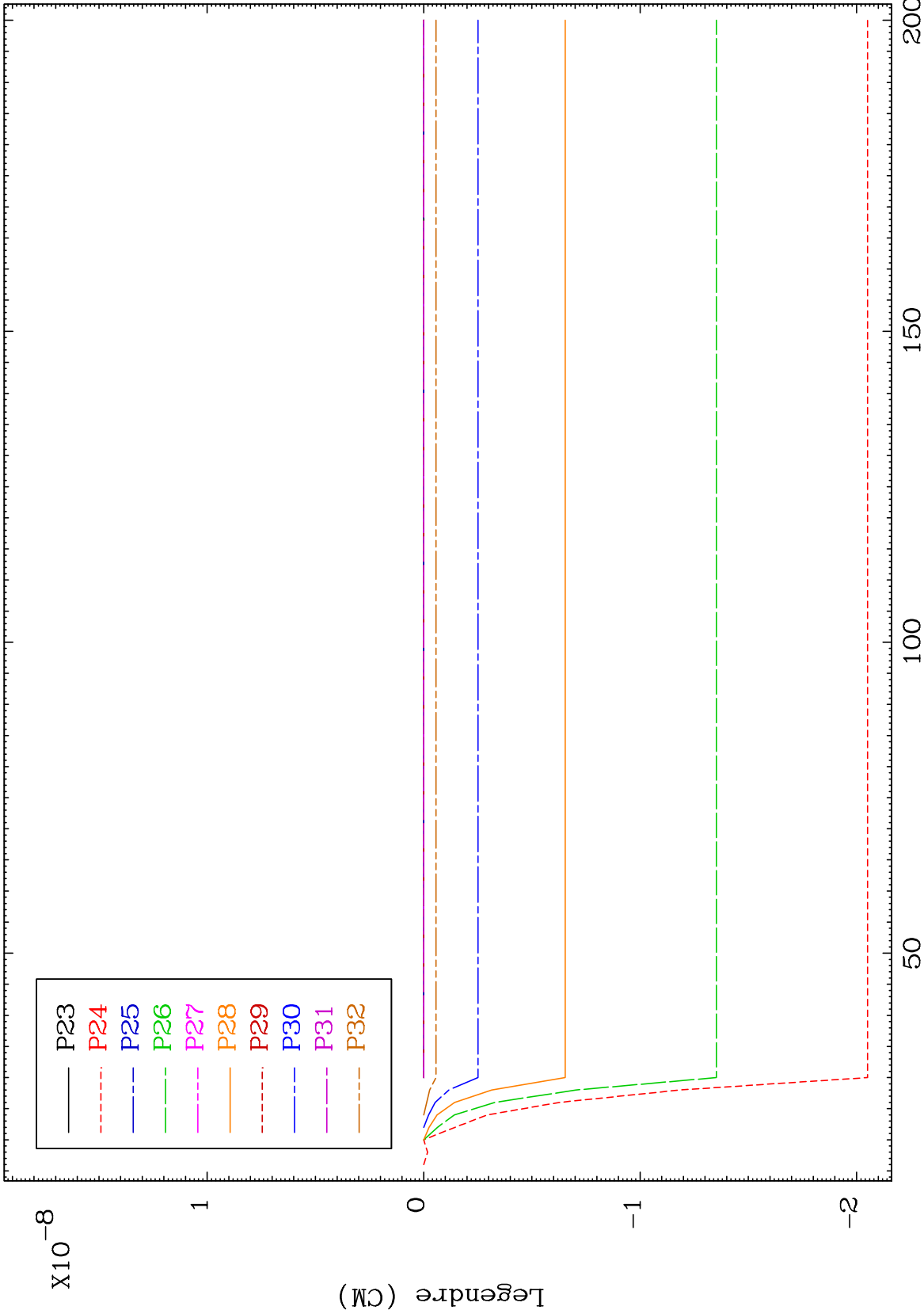
Incident Energy (MeV)

16-S -42

MAT 1655

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

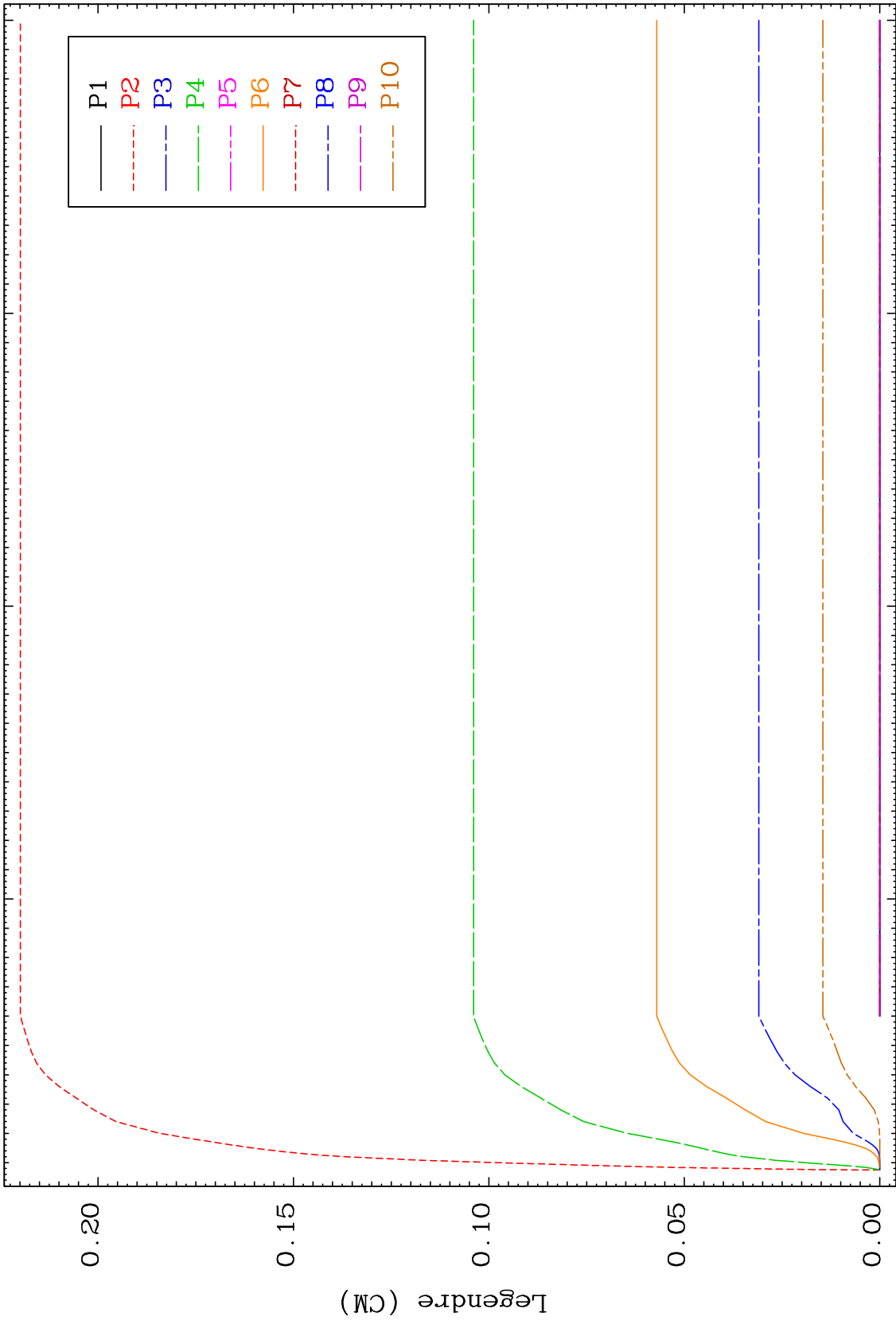
16-S -42



59

16-S -42

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

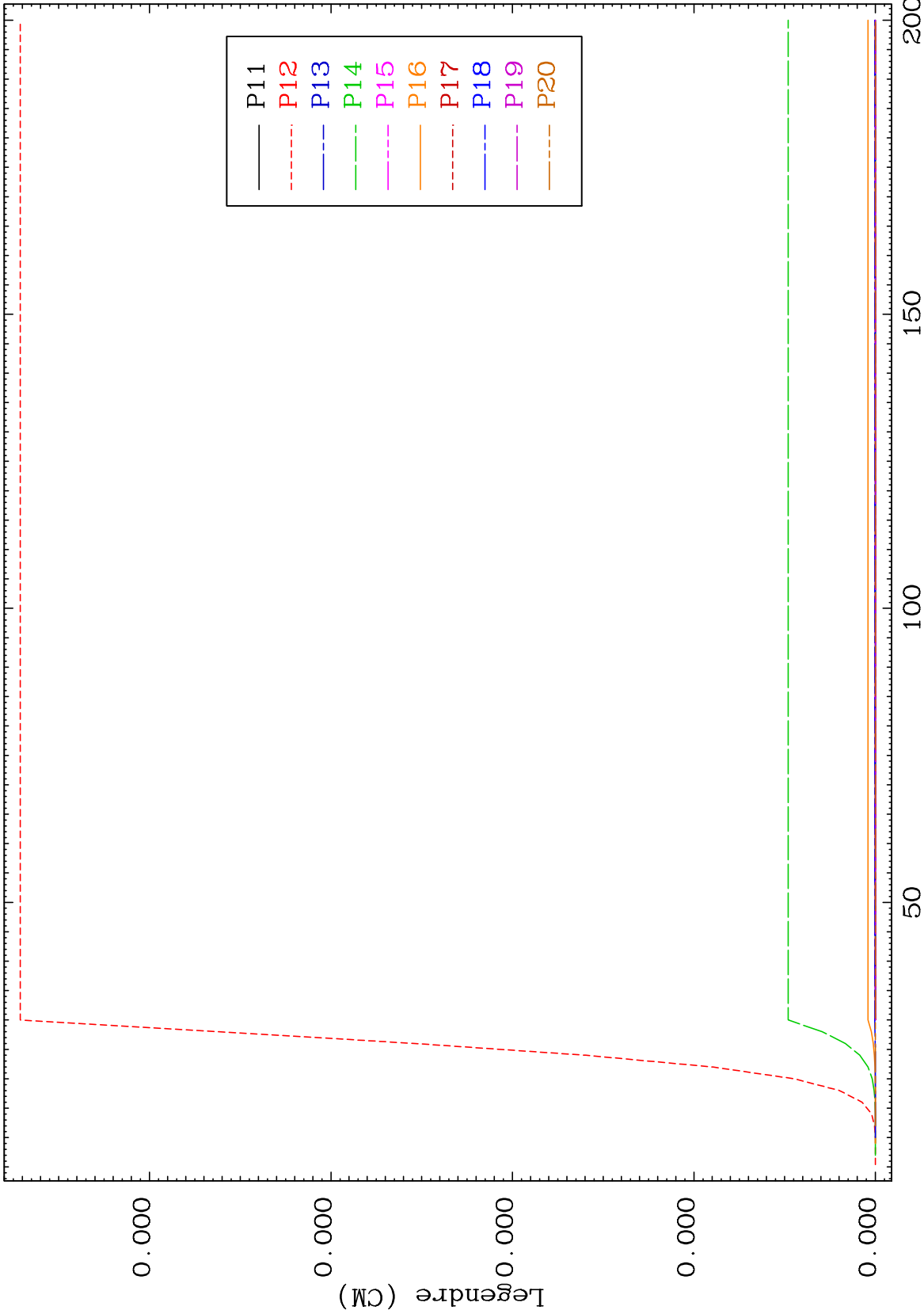


16-S -42

MAT 1655

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

16-S -42

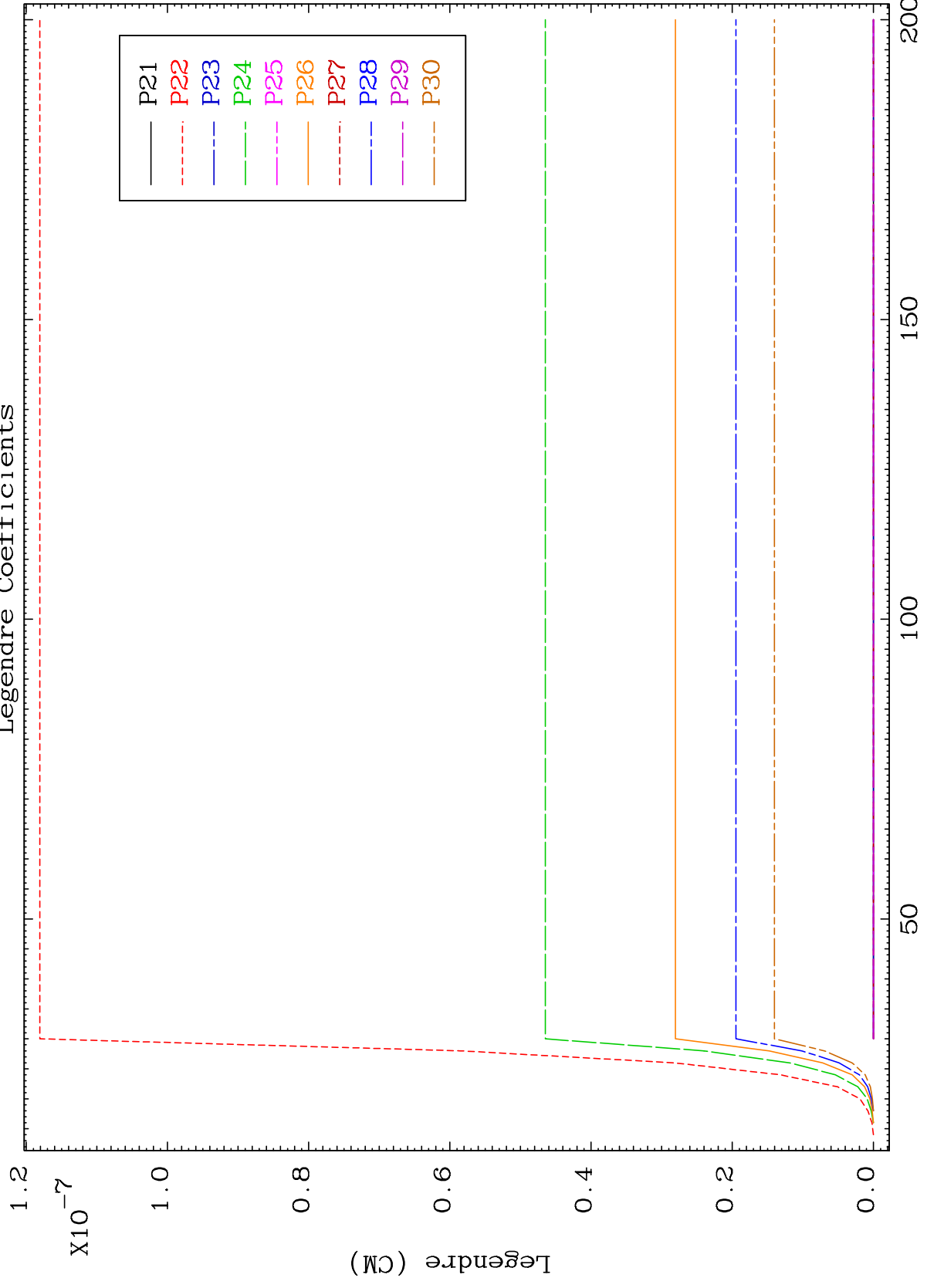


61

Incident Energy (MeV)

16-S -42

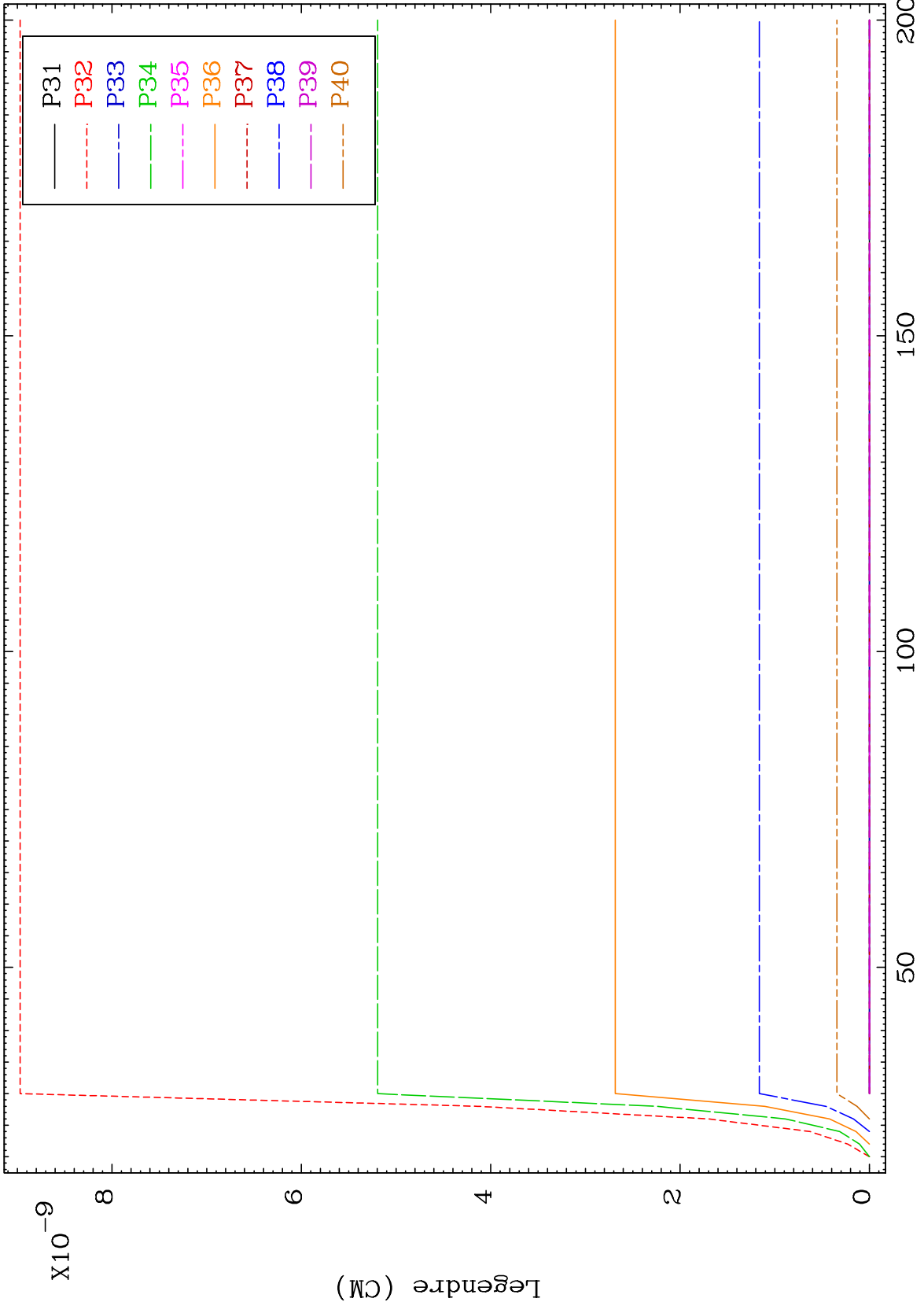
MAT 1655 MT= 64 (n,n') Level Legendre Coefficients 16-S -42



62

16-S -42

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



63 16-S -42

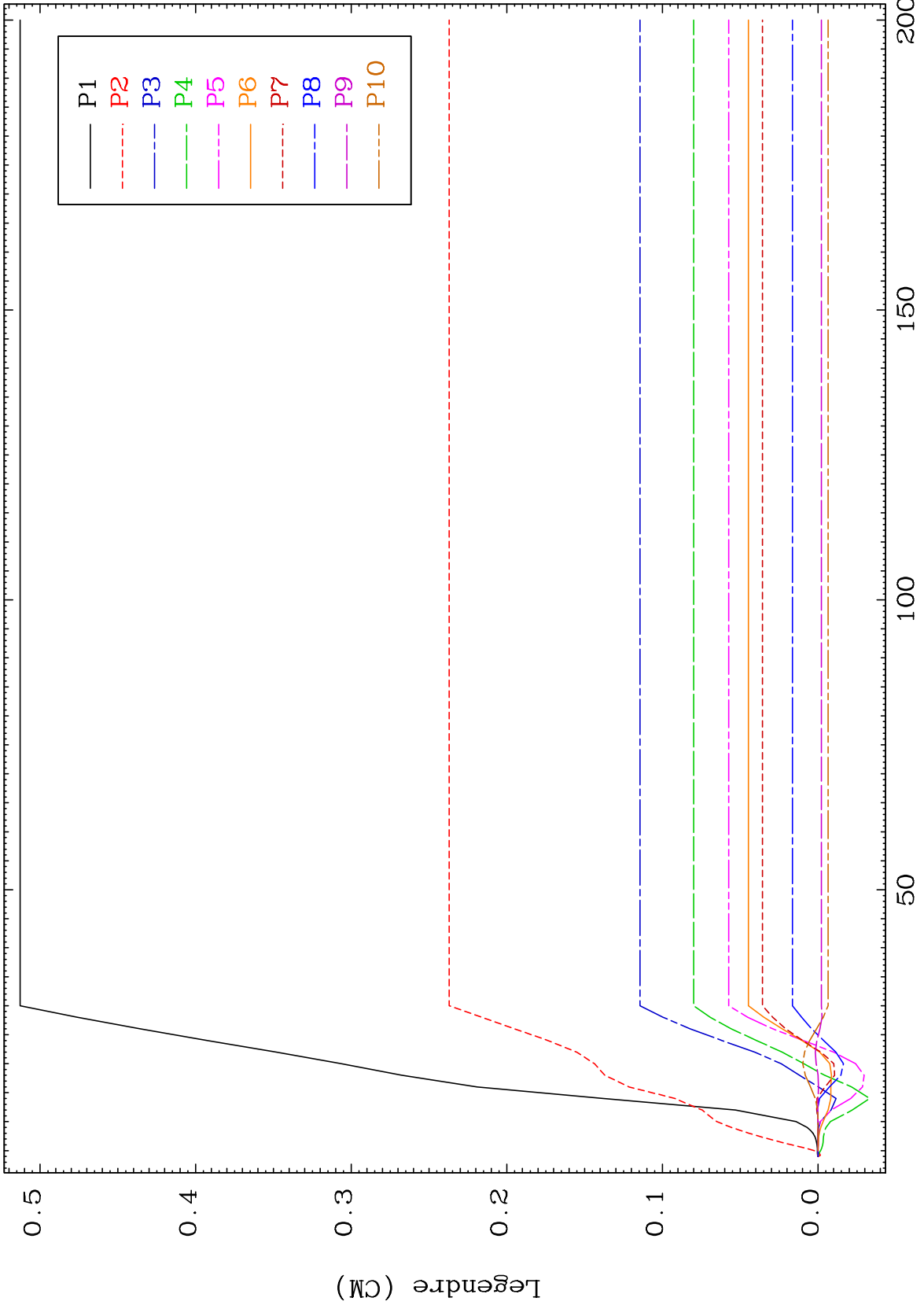
MAT 1655 MT= 65 (n,n') Level Legendre Coefficients

16-S -42

16-S -42

Incident Energy (MeV)

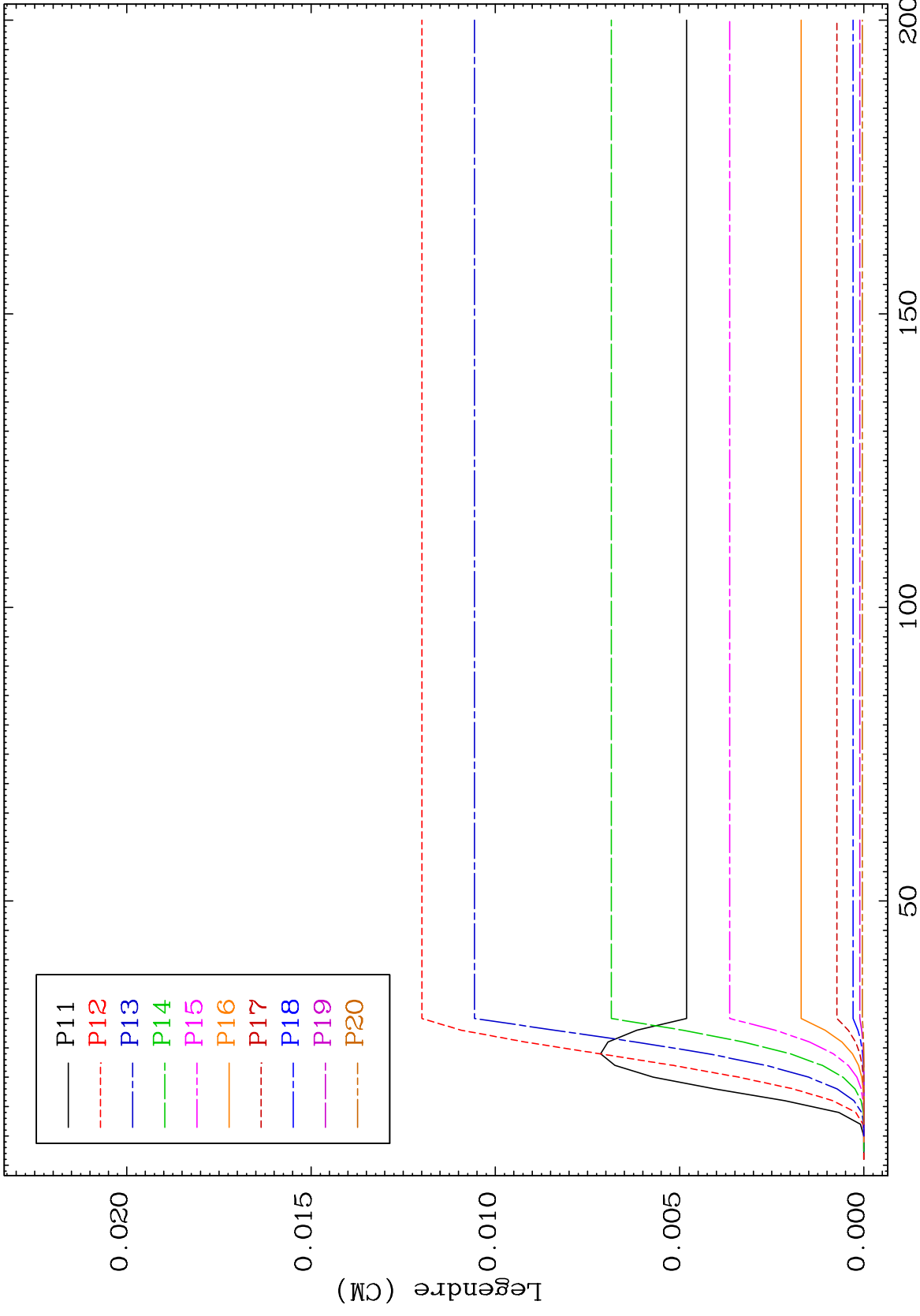
64



MAT 1655

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

16-S -42



65

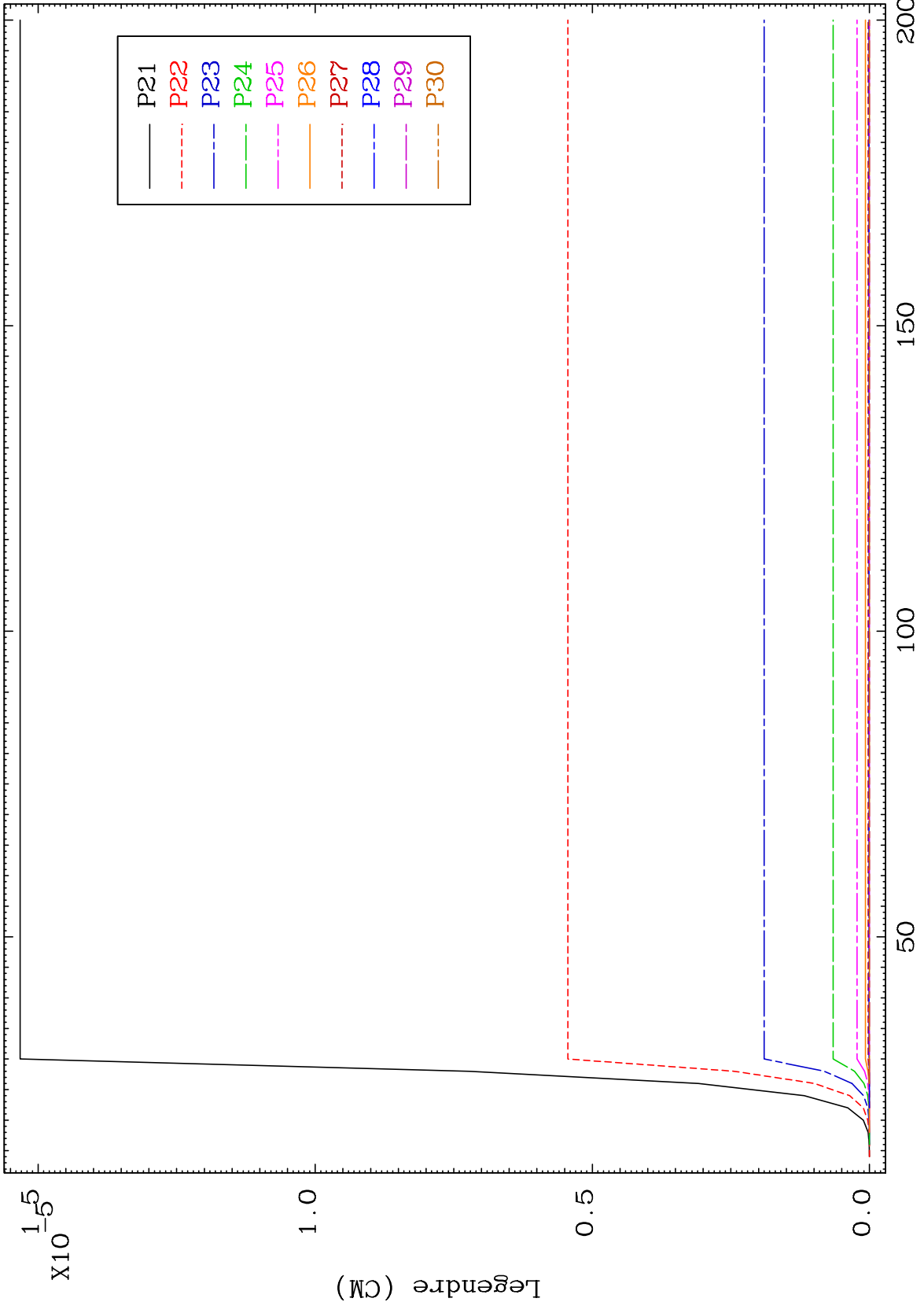
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



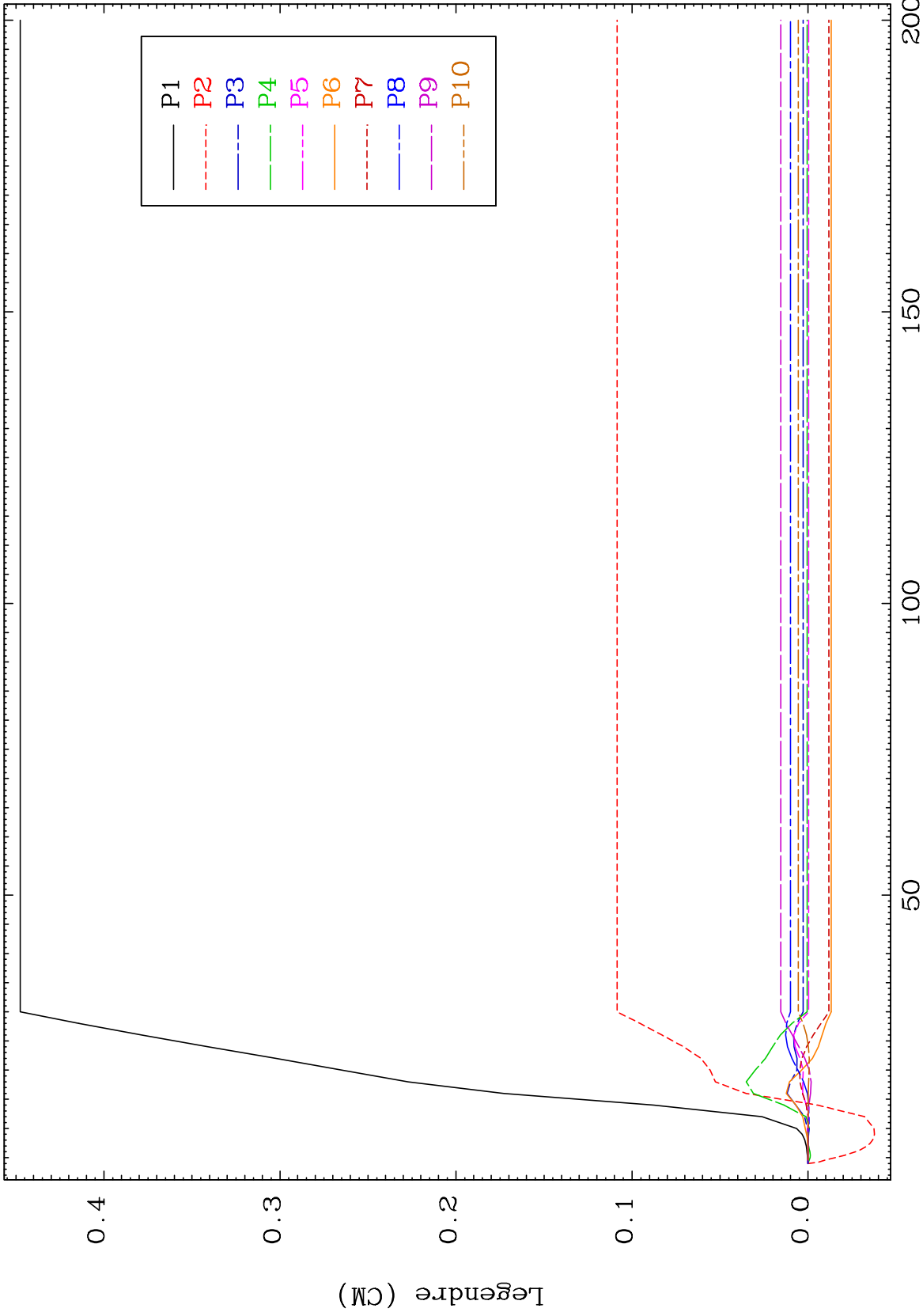
66

16-S -42

MAT 1655

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

16-S -42



67

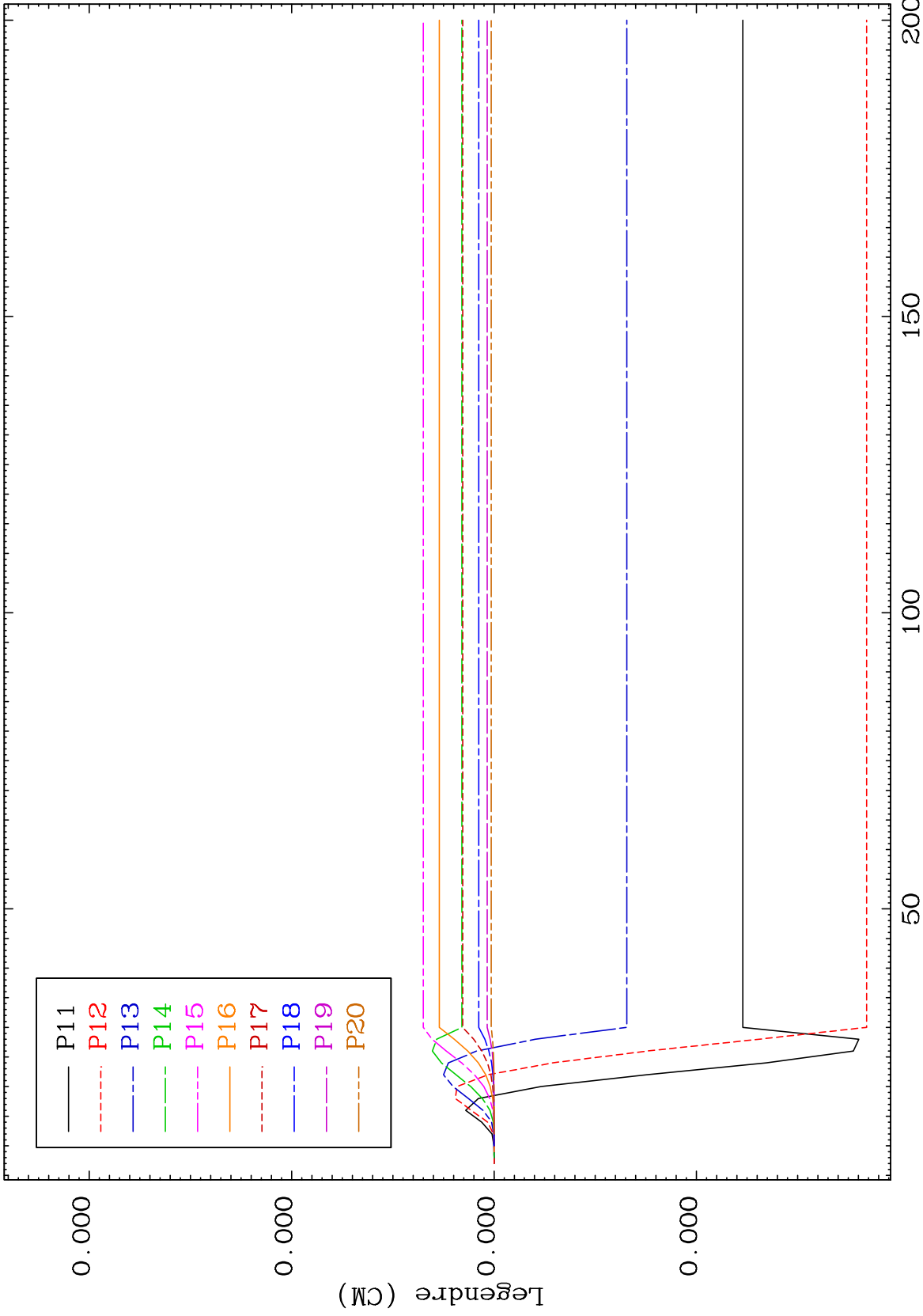
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



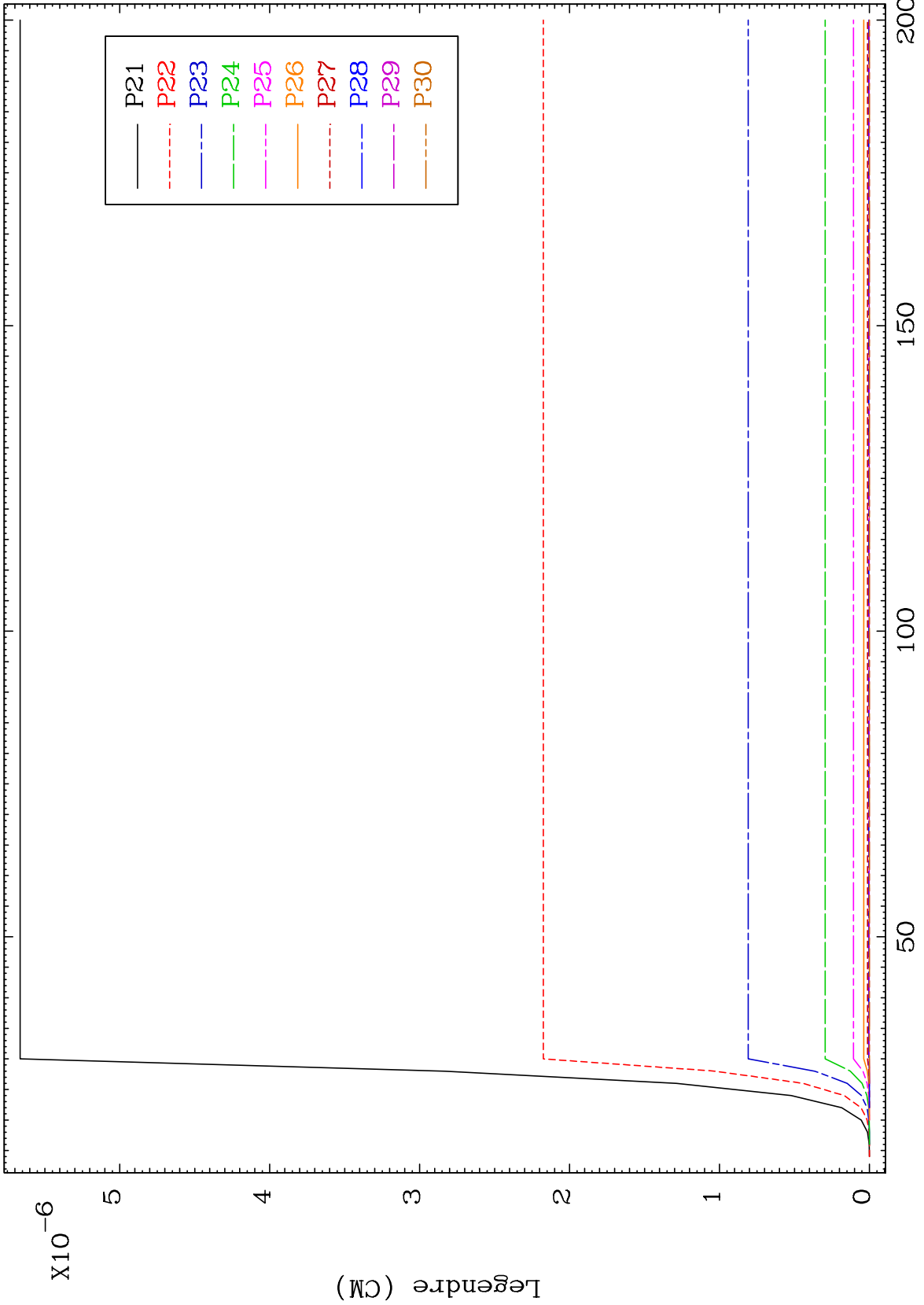
68

16-S -42

MAT 1655

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

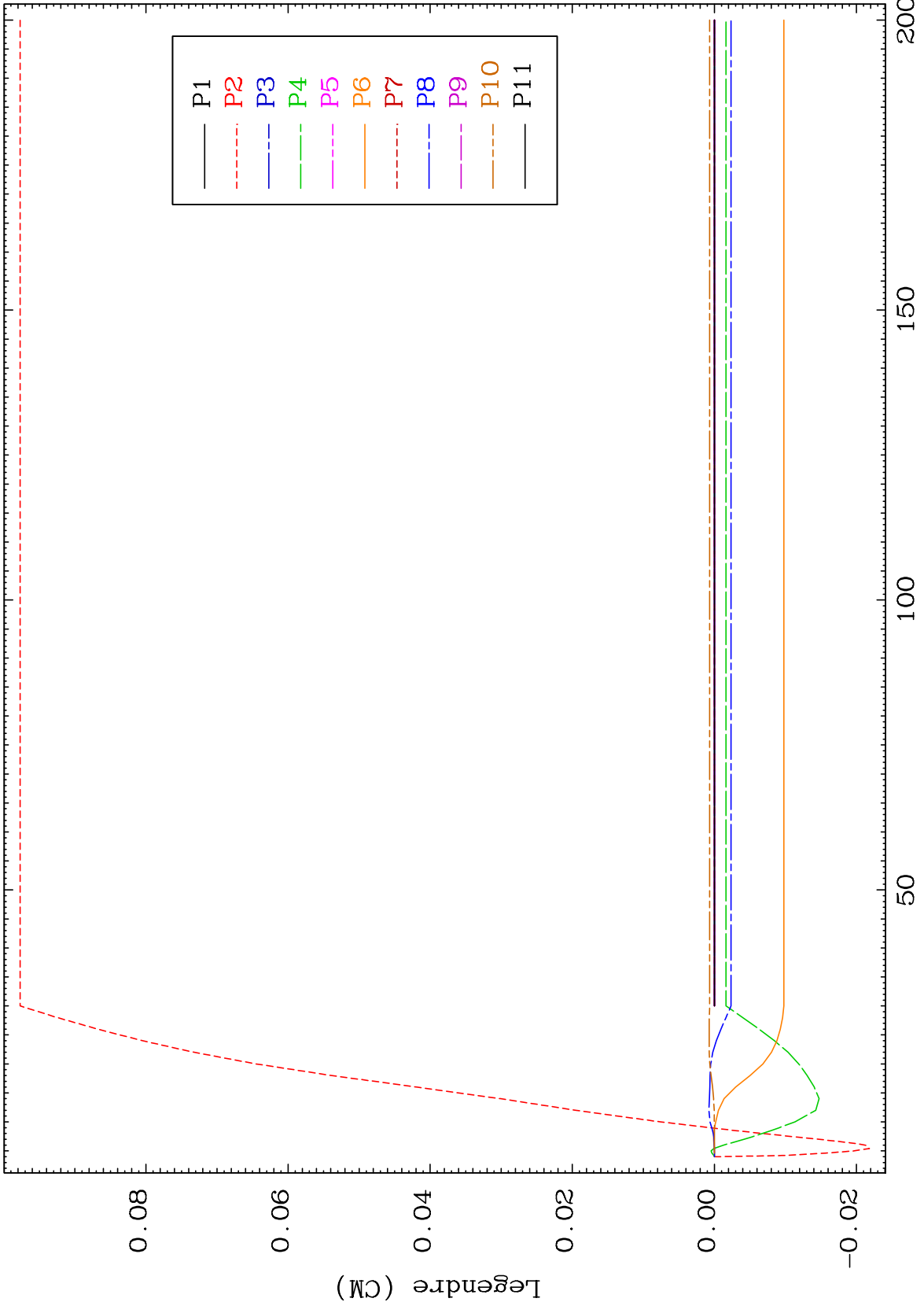
16-S -42



69

16-S -42

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

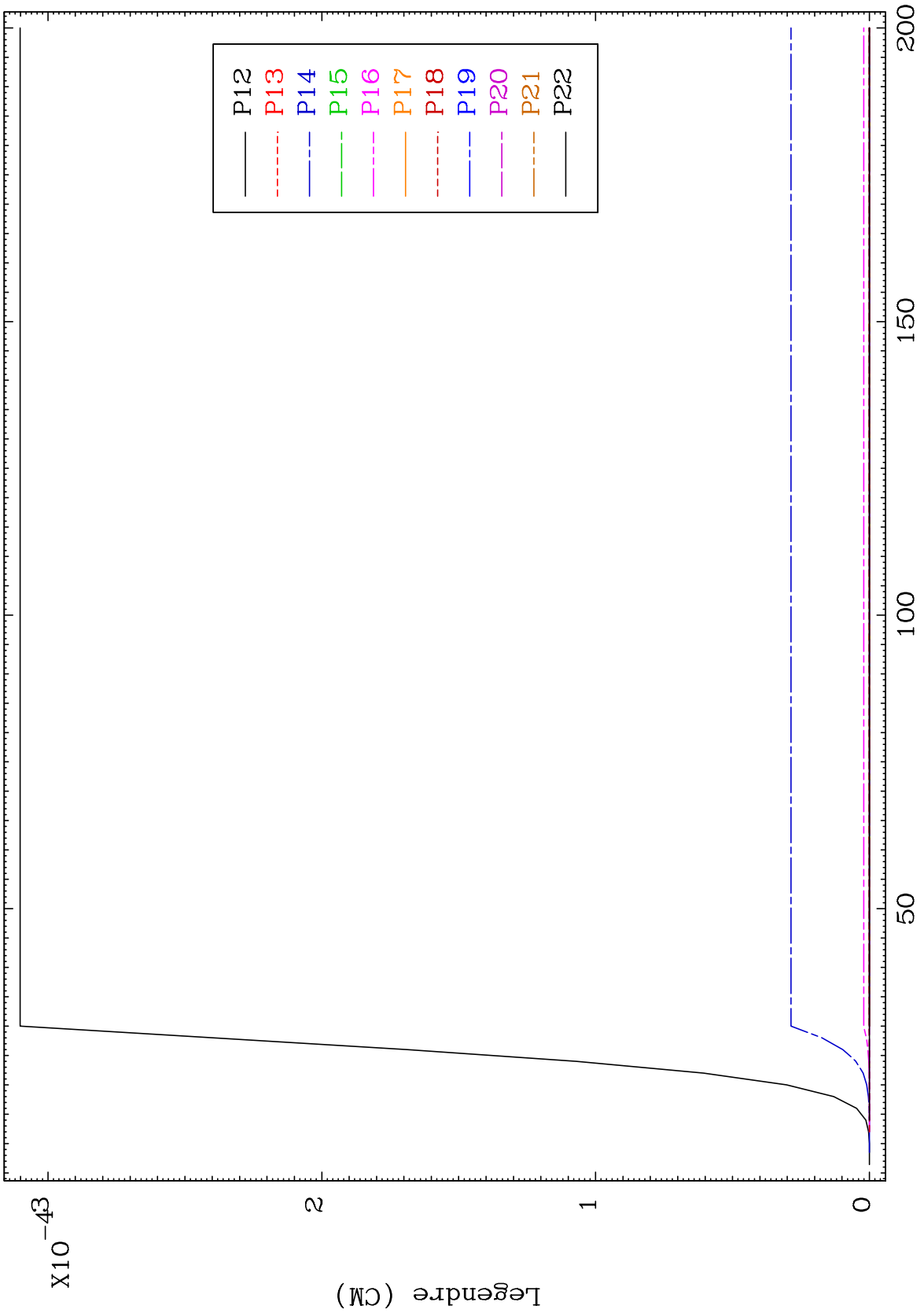


16-S -42

MAT 1655

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

16-S -42



71

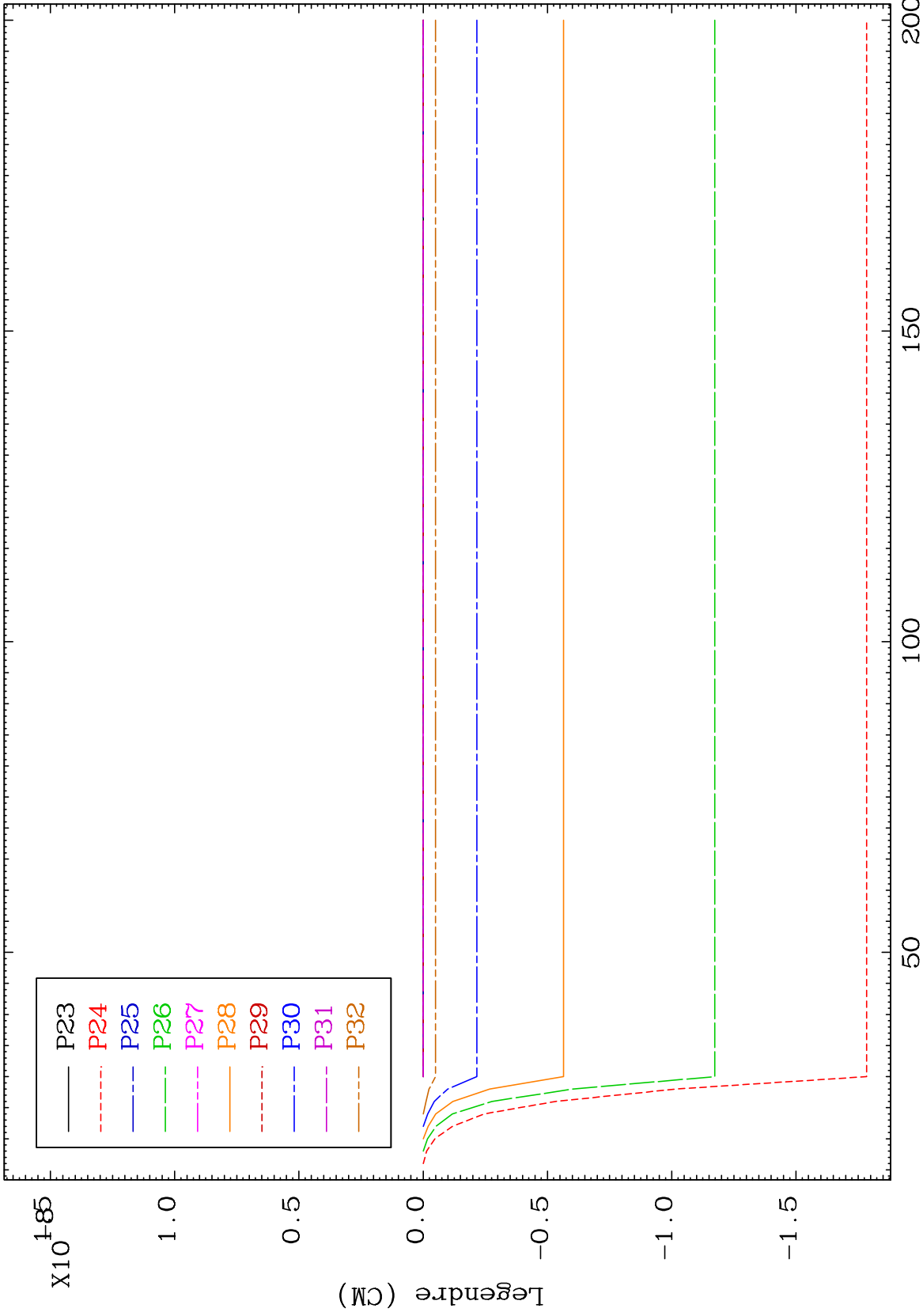
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

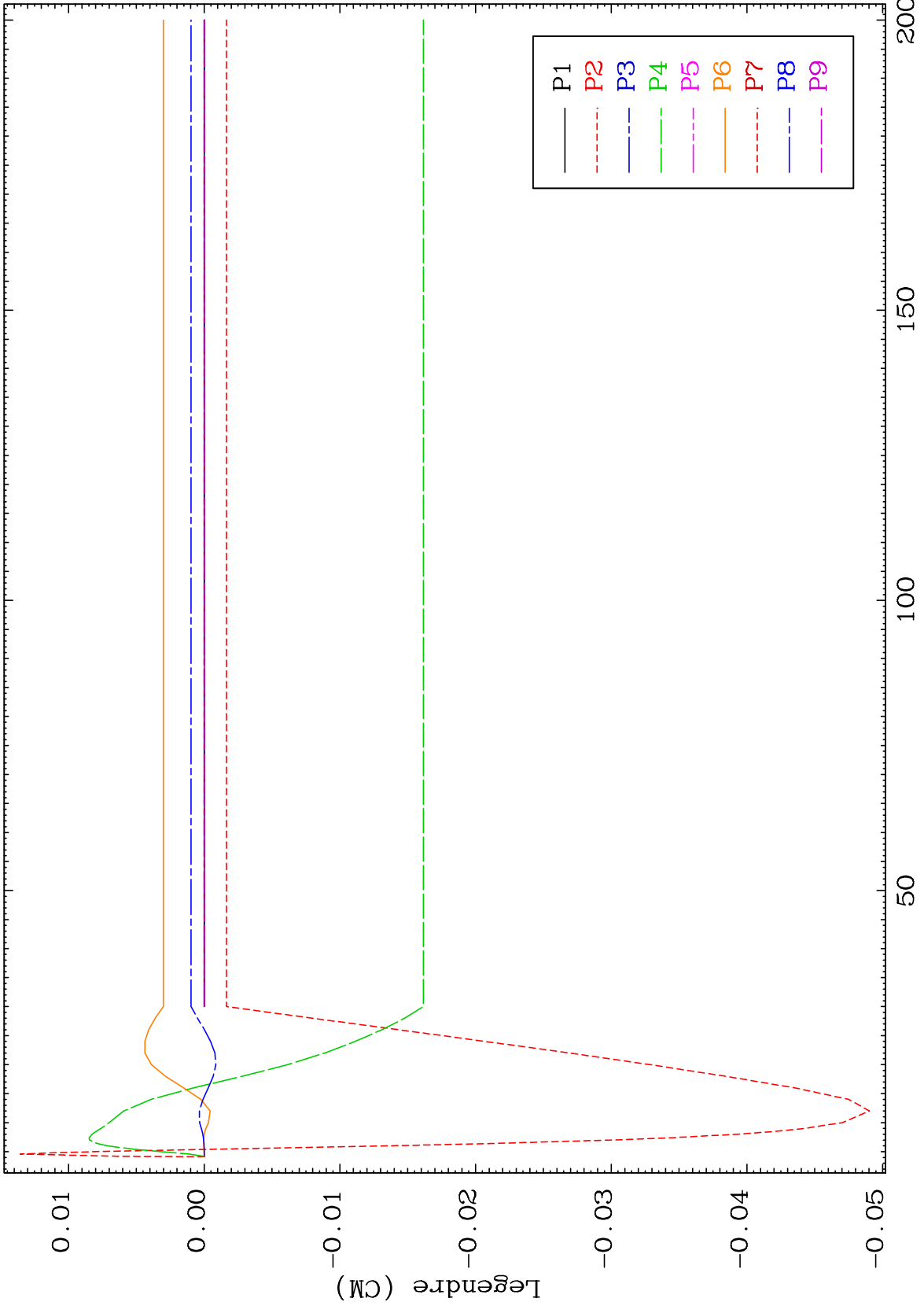


72

Incident Energy (MeV)

16-S -42

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

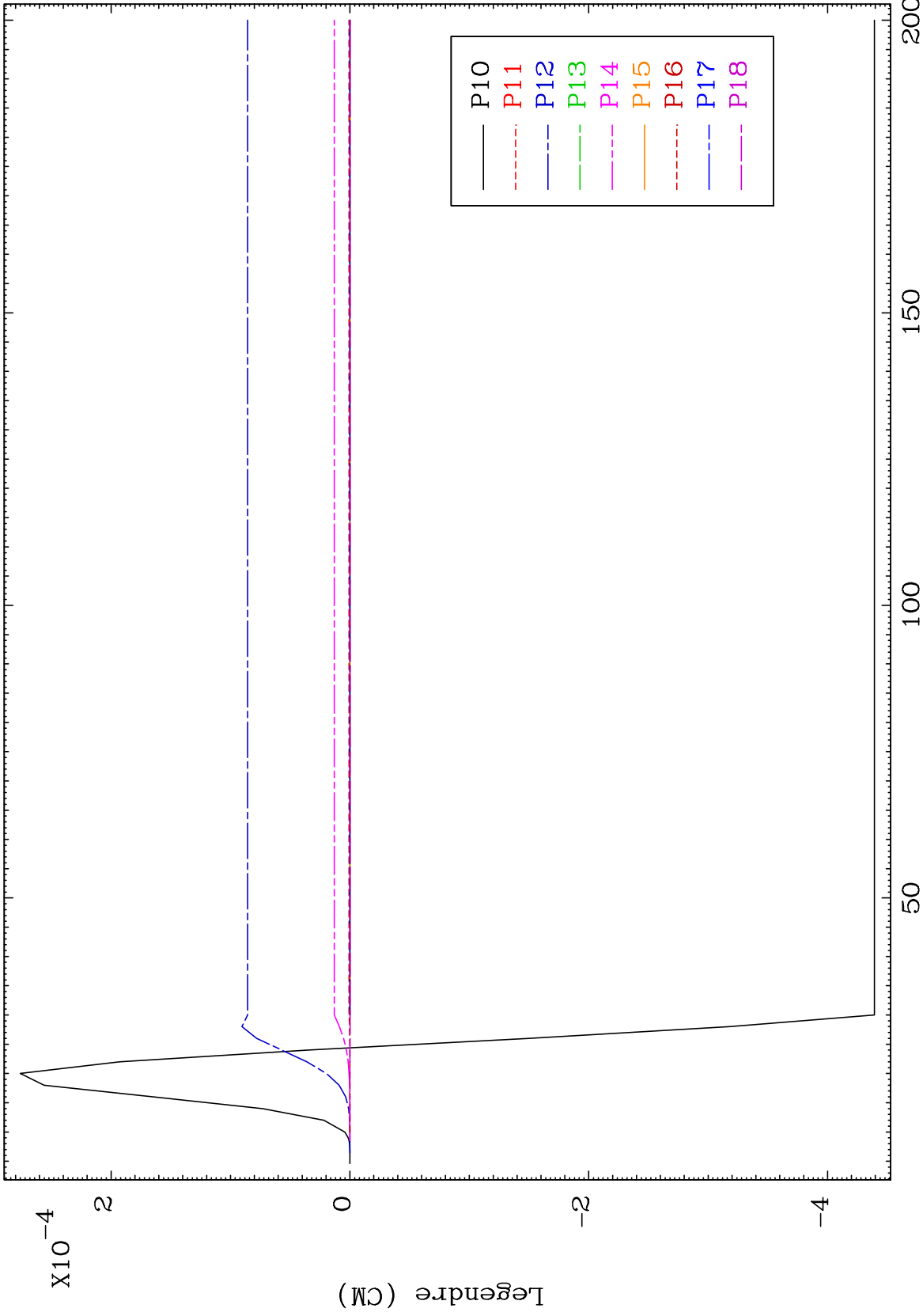


73 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42

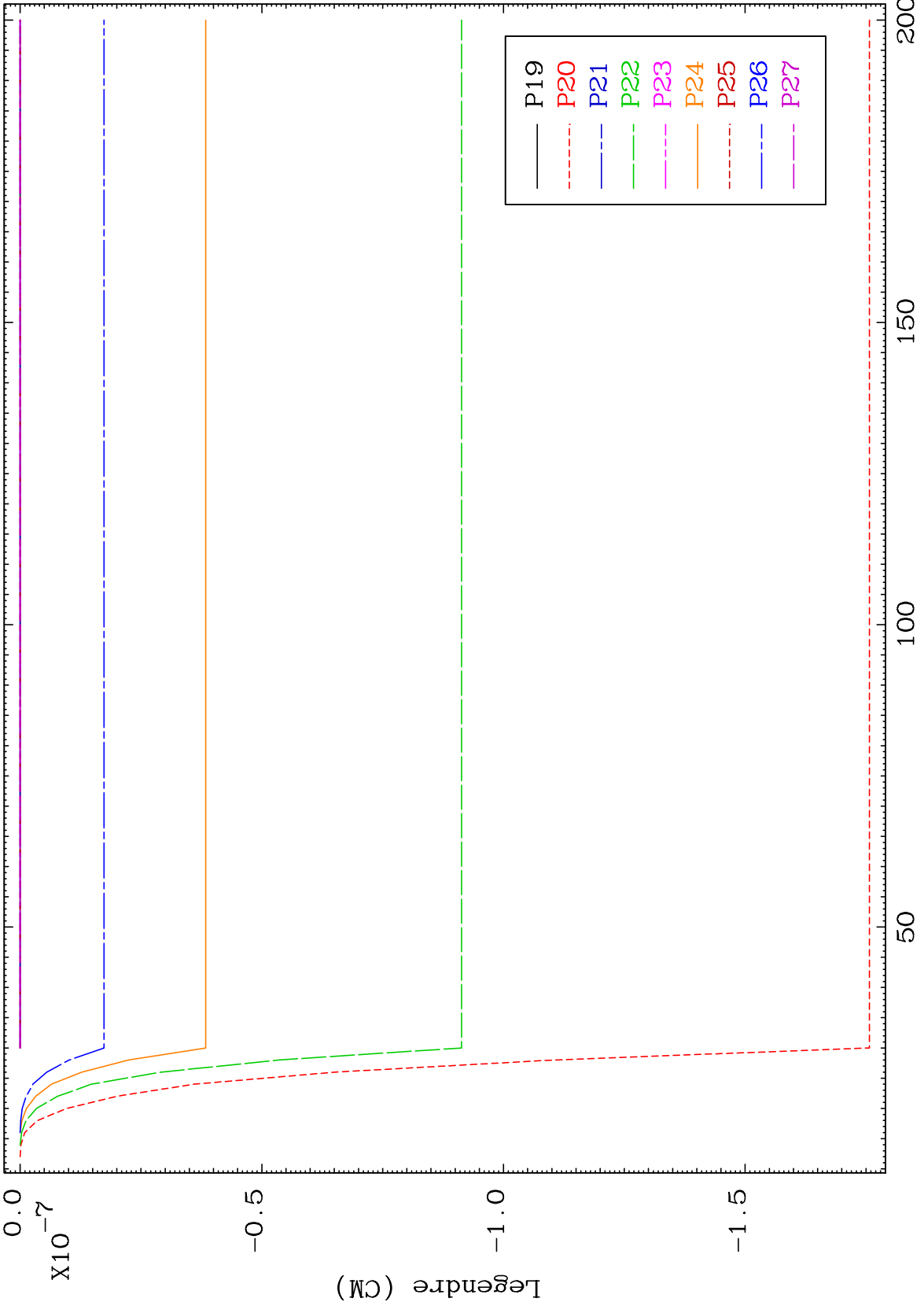


74

Incident Energy (MeV)

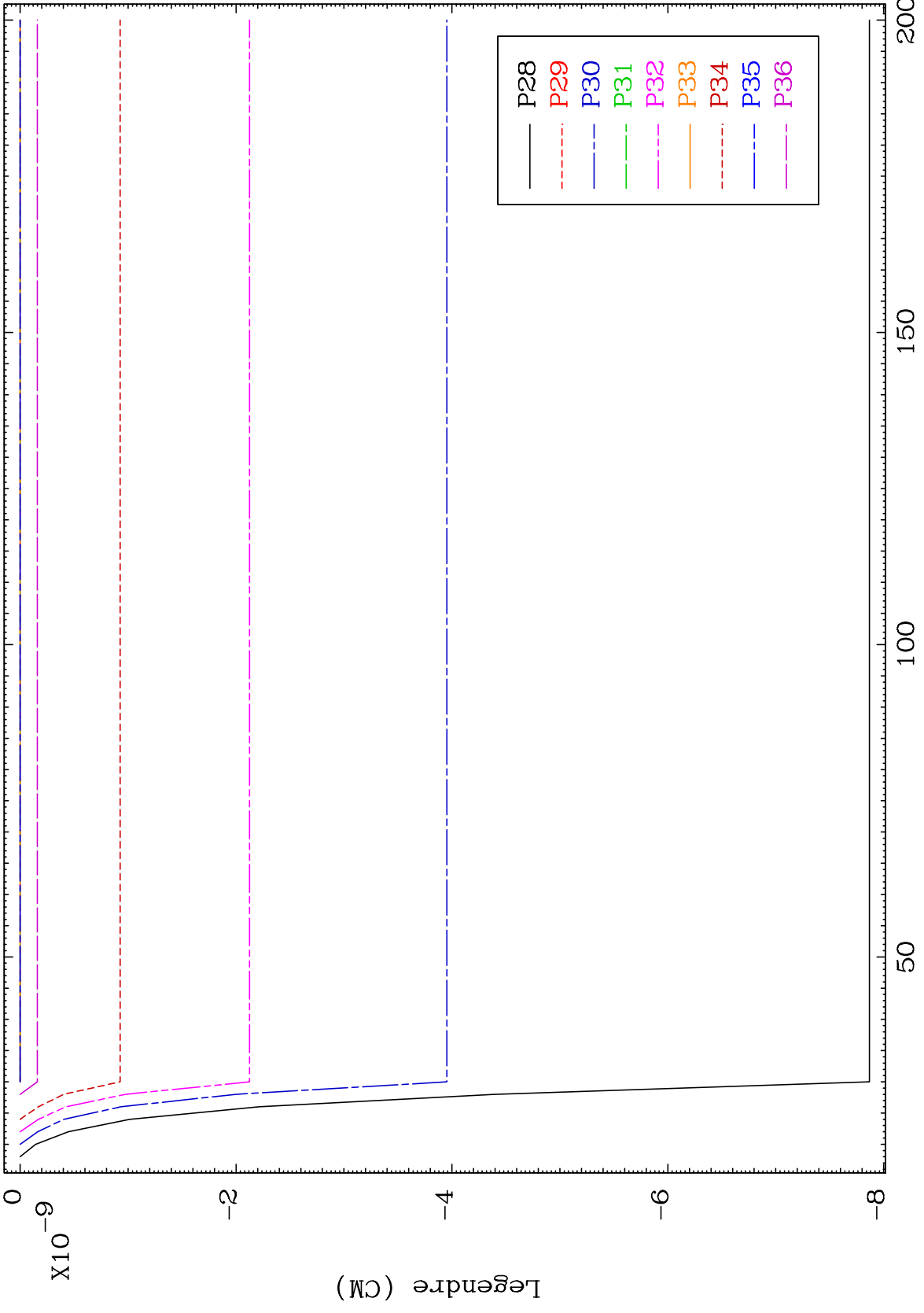
16-S -42

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



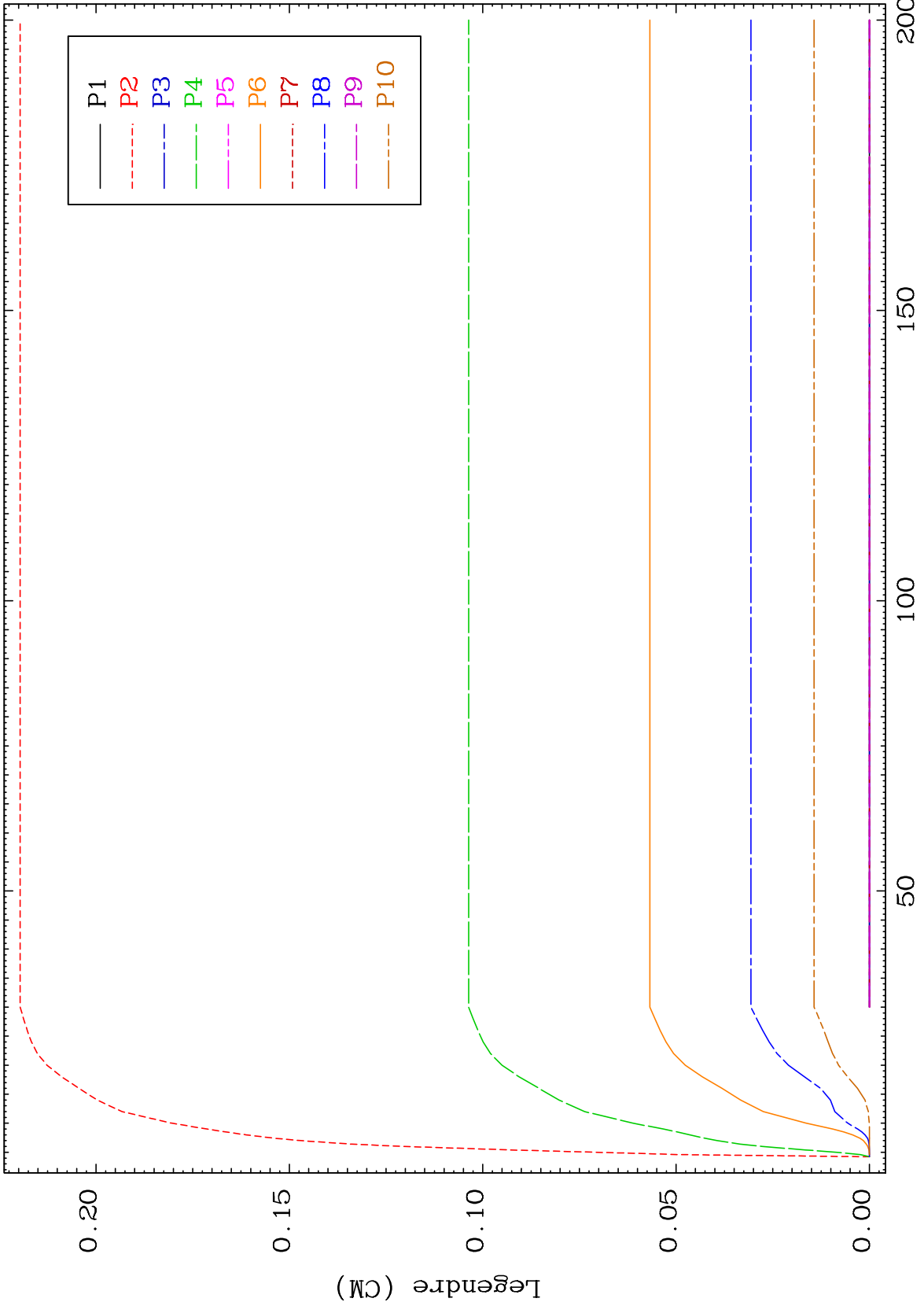
75 Incident Energy (MeV) 16-S -42

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



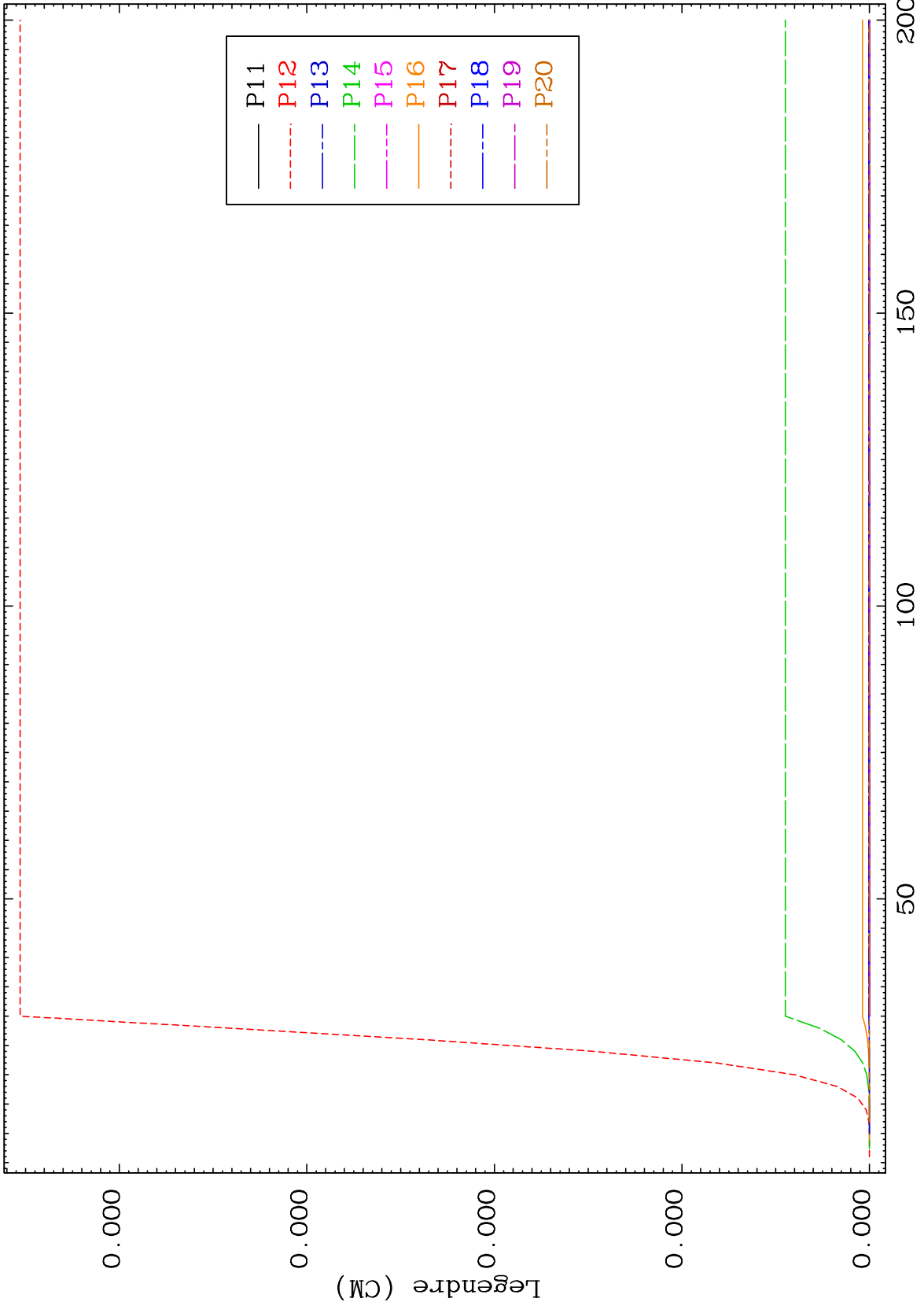
76 Incident Energy (MeV) 16-S -42

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



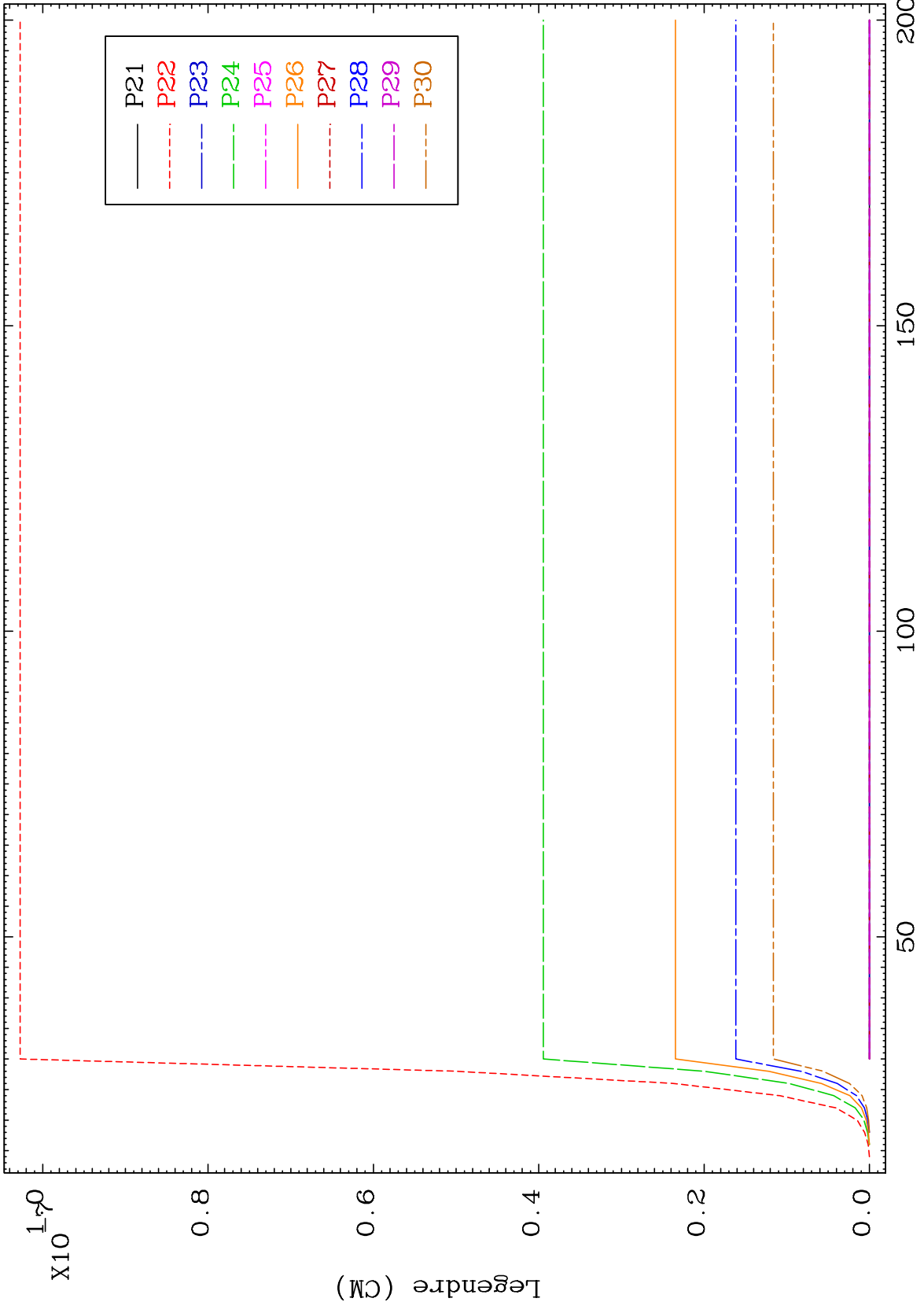
77 16-S -42

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



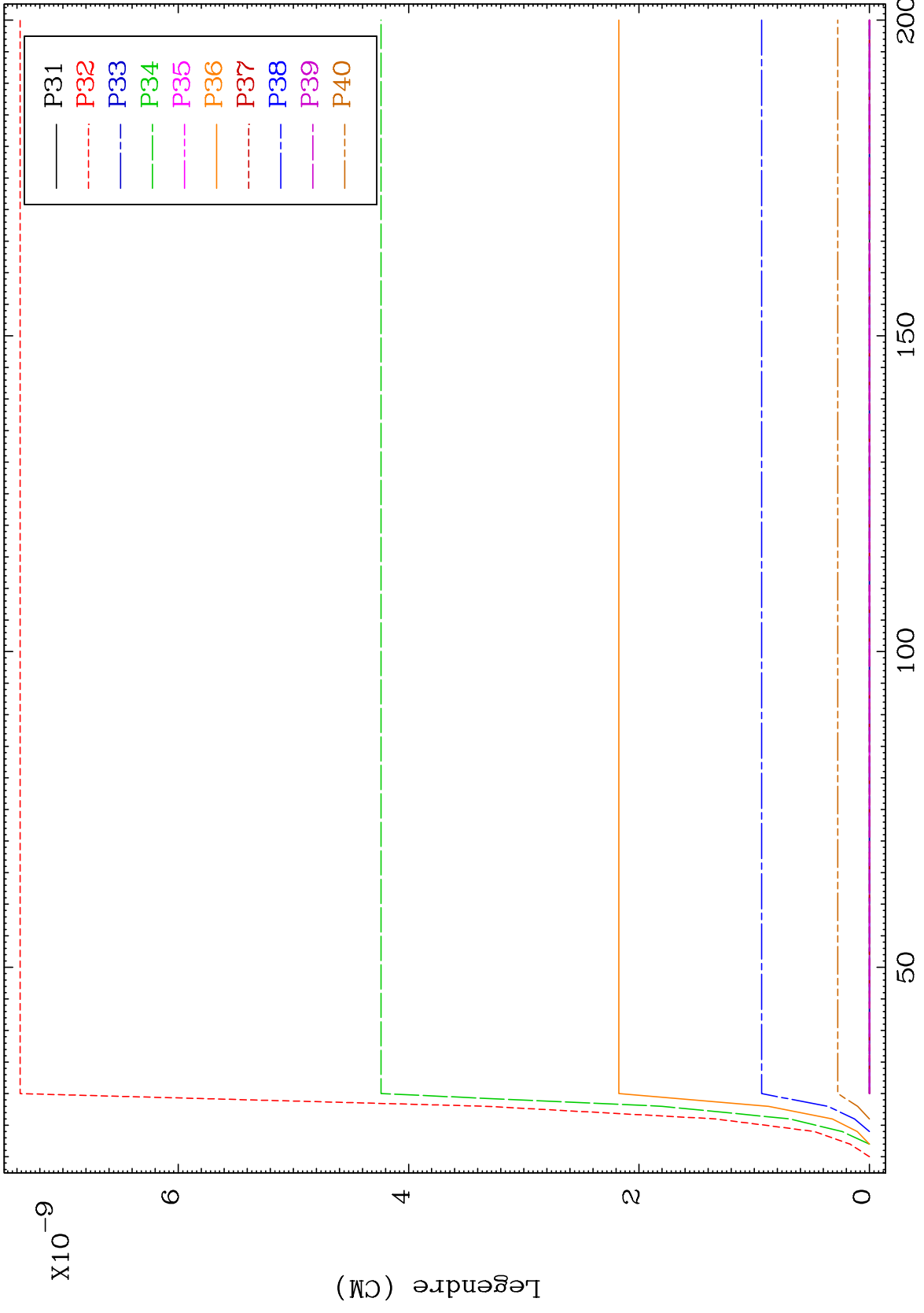
78 Incident Energy (MeV) 16-S -42

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



79 16-S -42

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

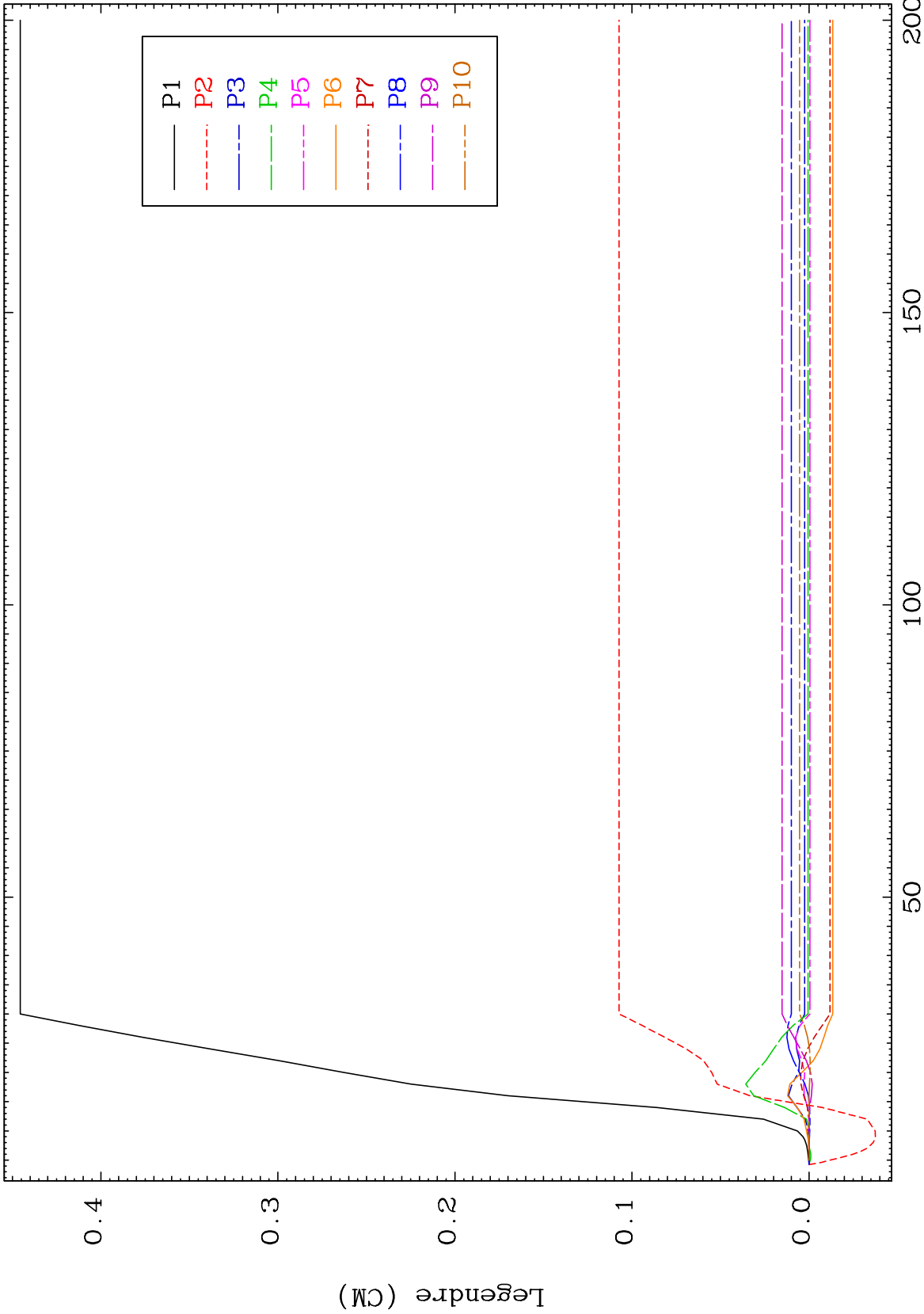


80 150 200 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



81

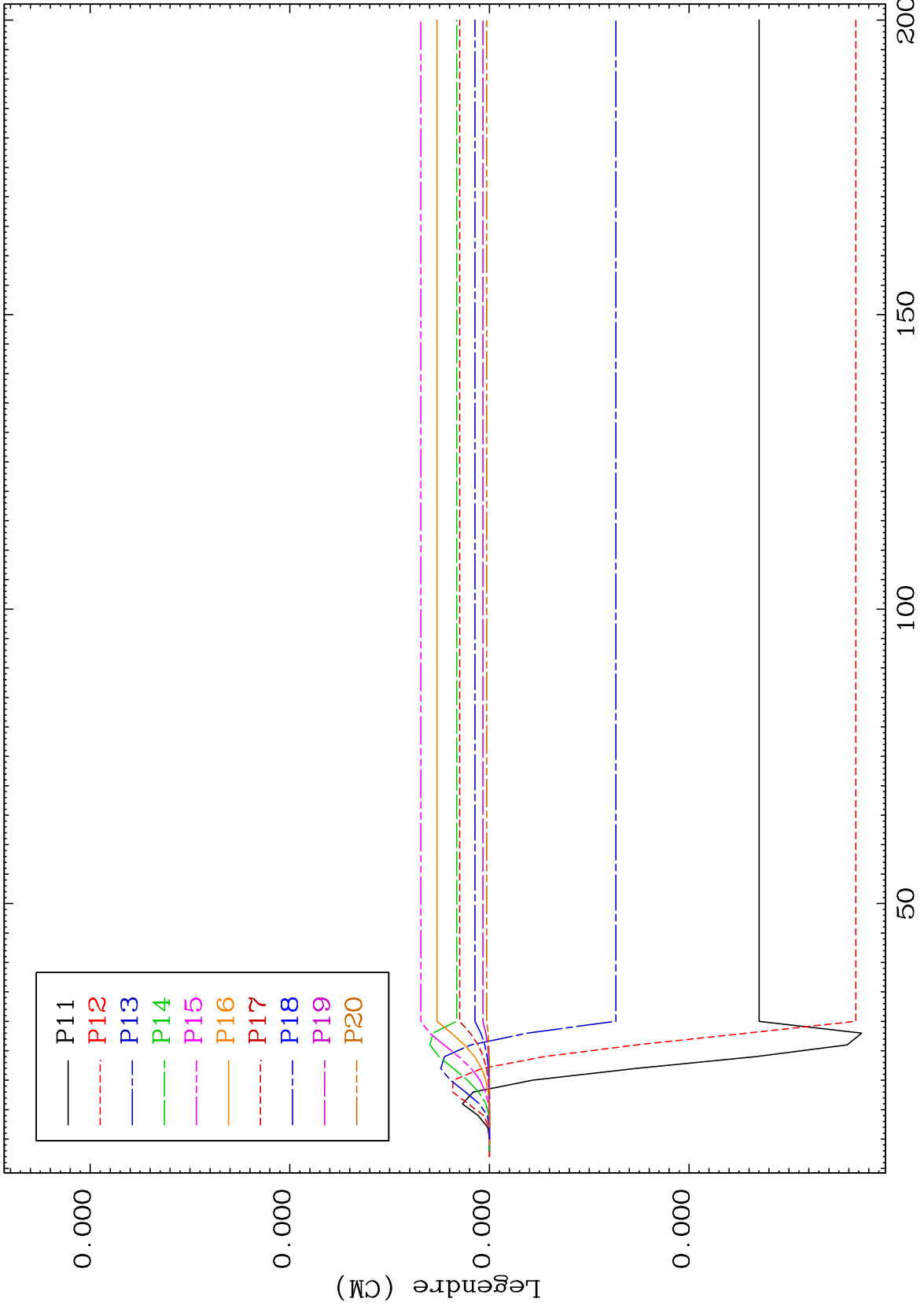
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



82

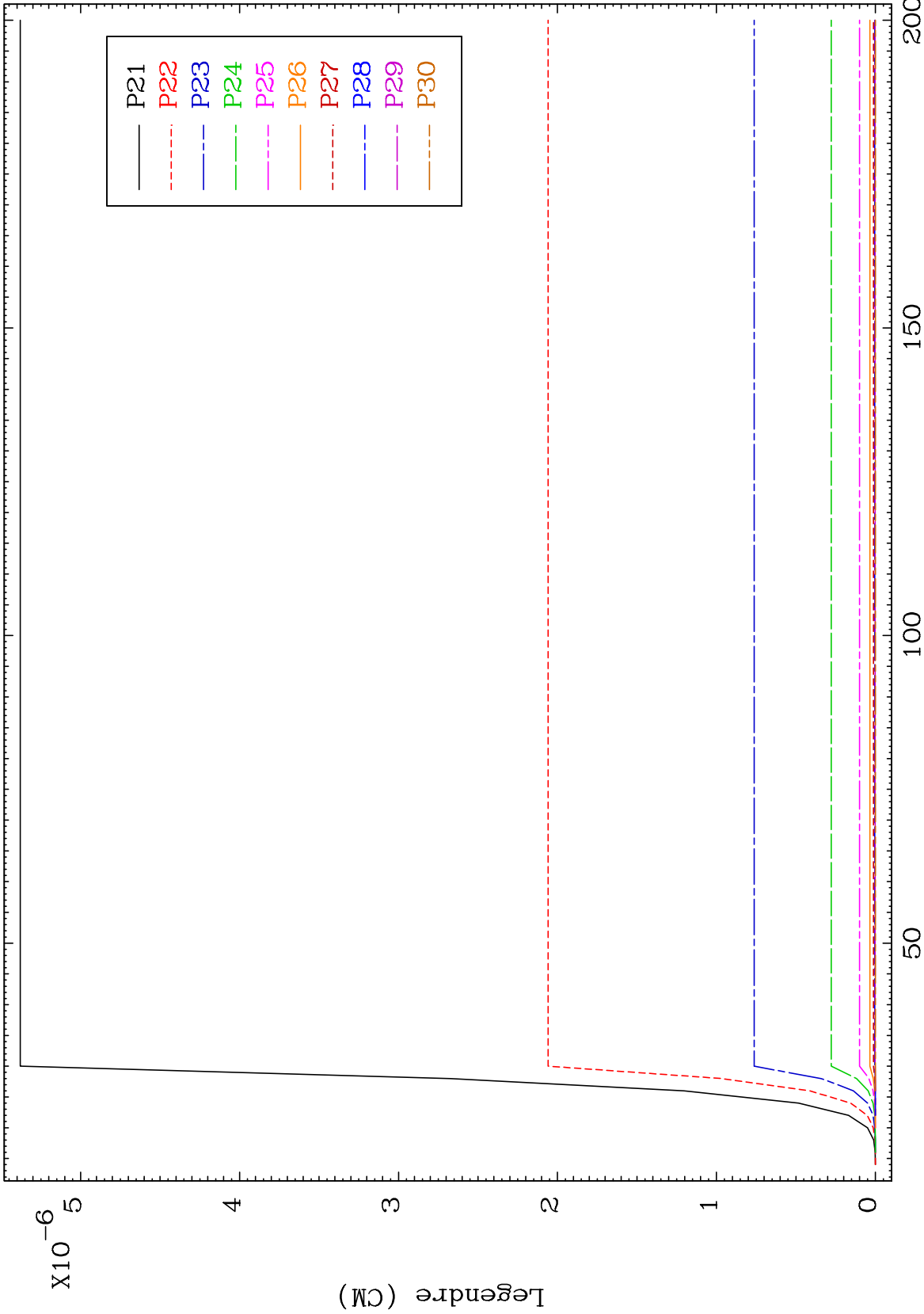
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

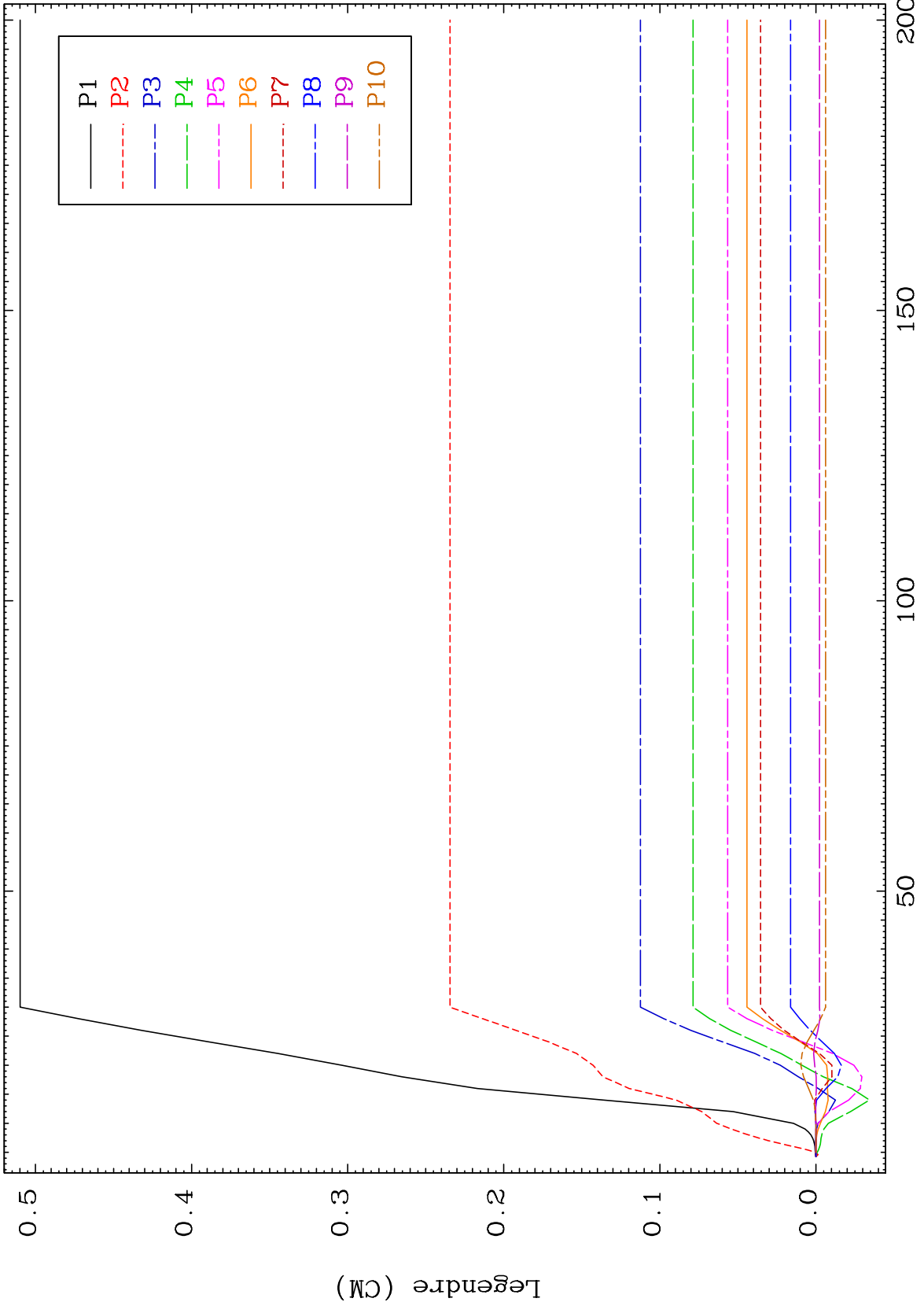


83

Incident Energy (MeV)

16-S -42

MAT 1655 MT= 71 (n,n') Level Legendre Coefficients 16-S -42

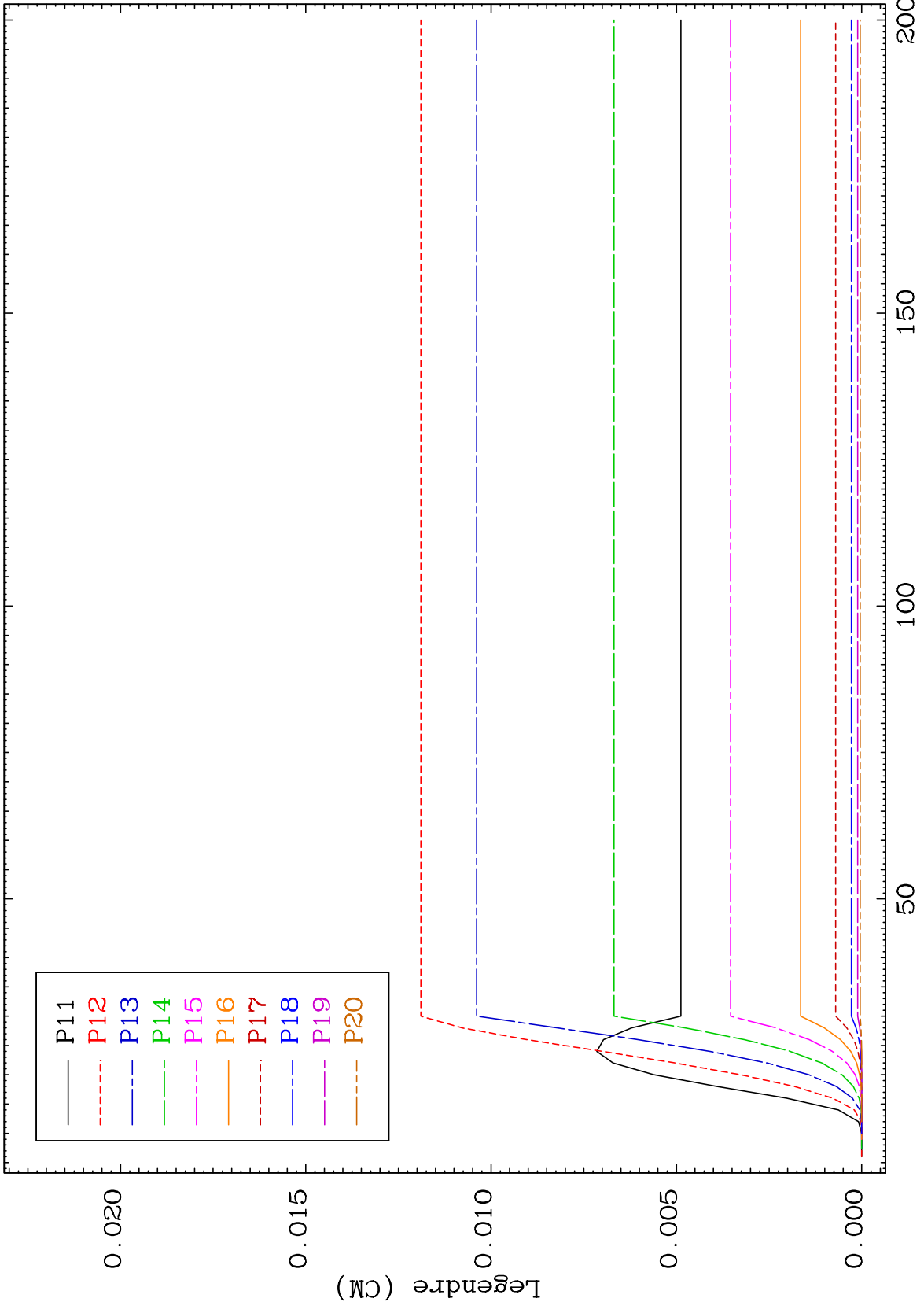


84 16-S -42

MAT 1655

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

16-S -42



85

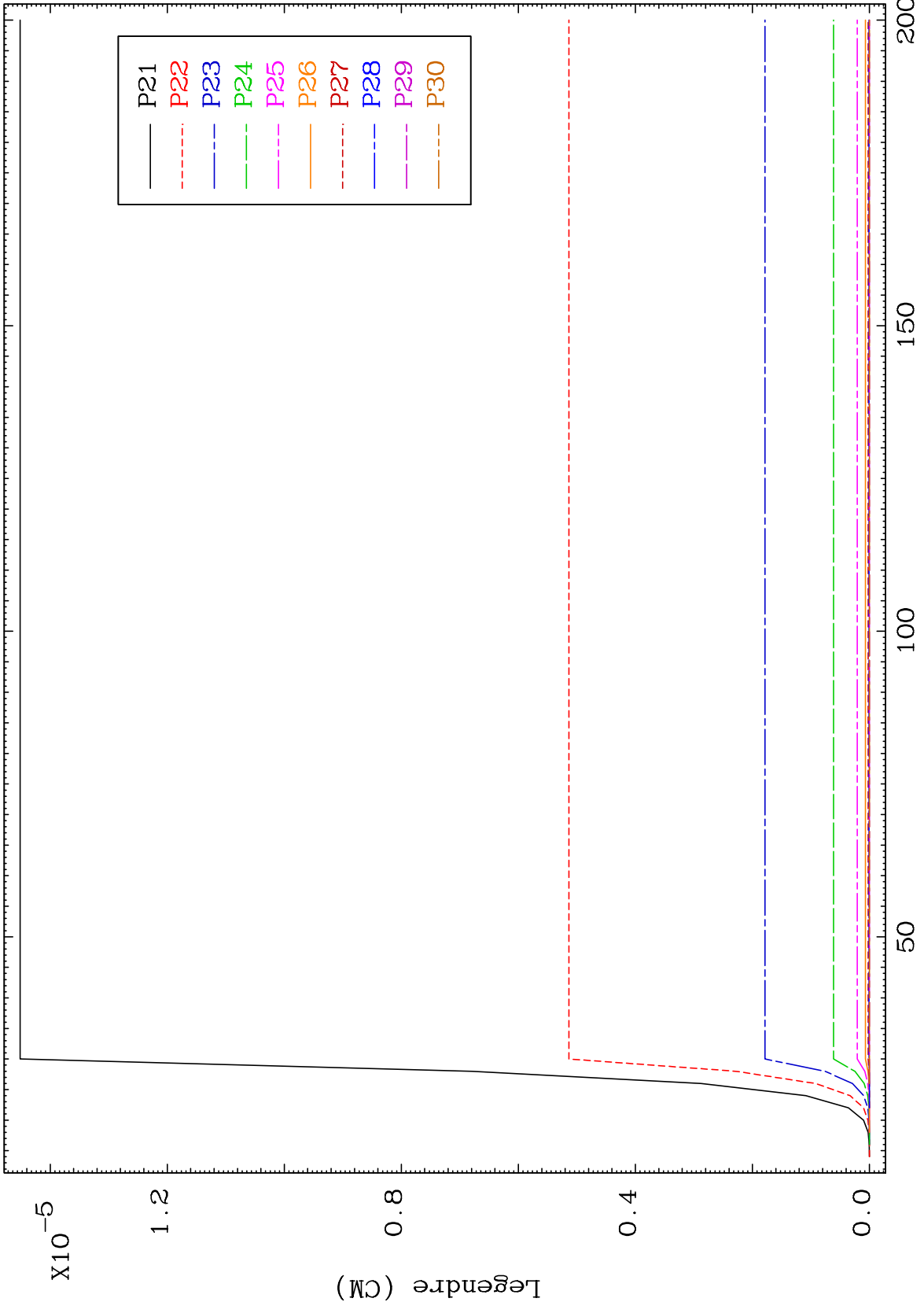
Incident Energy (MeV)

16-S -42

MAT 1655

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

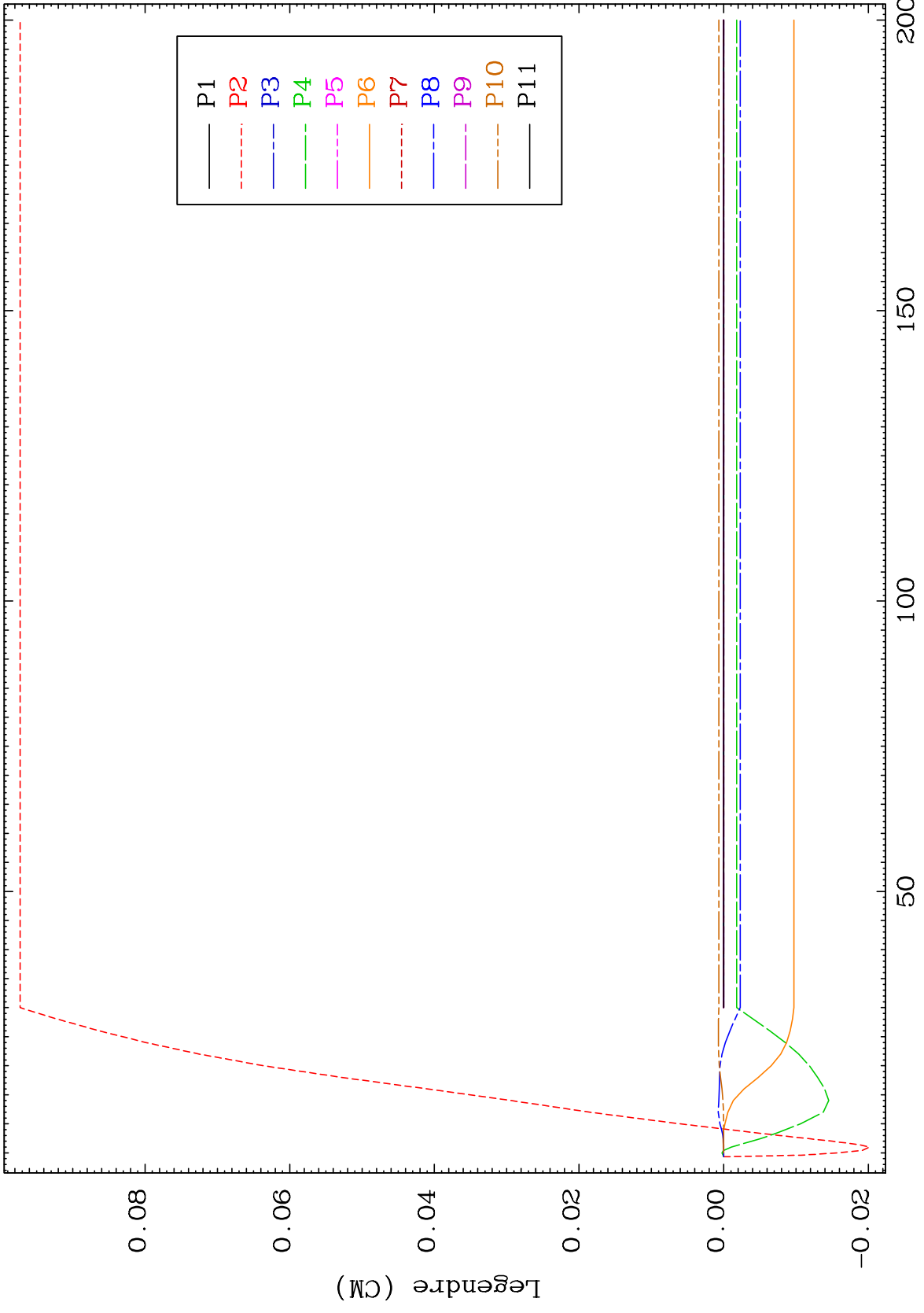
16-S -42



86

16-S -42

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

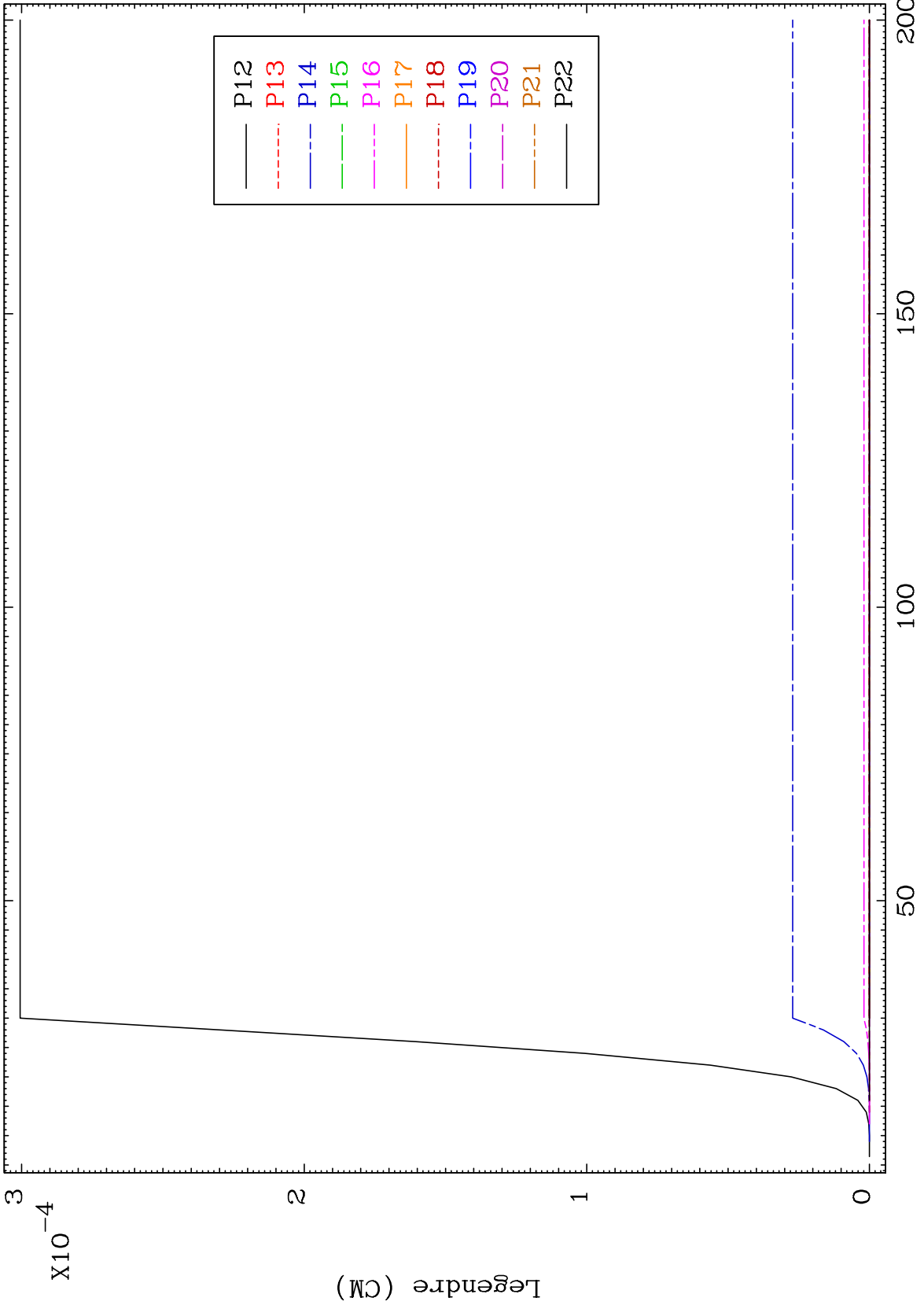


87 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



88

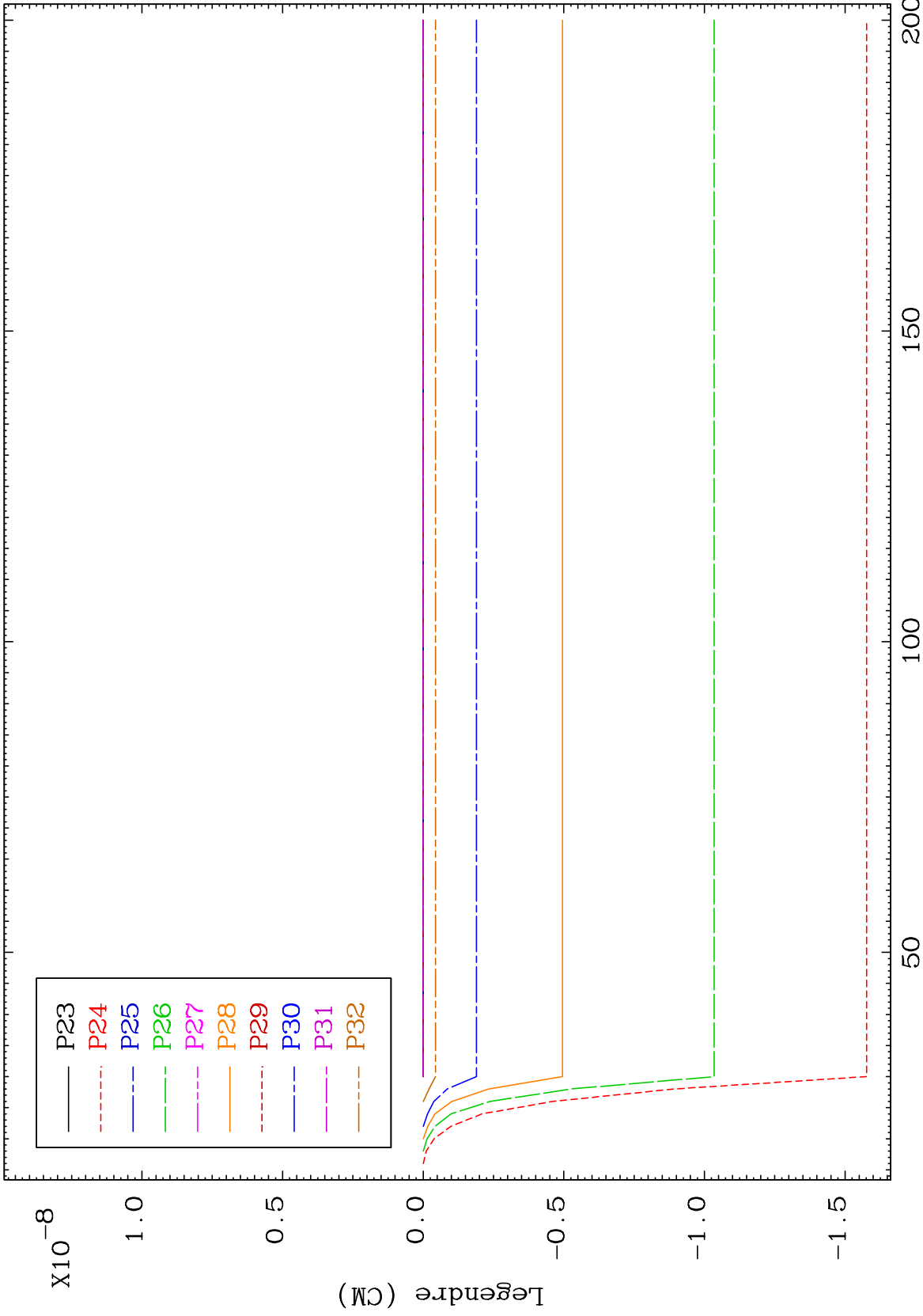
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



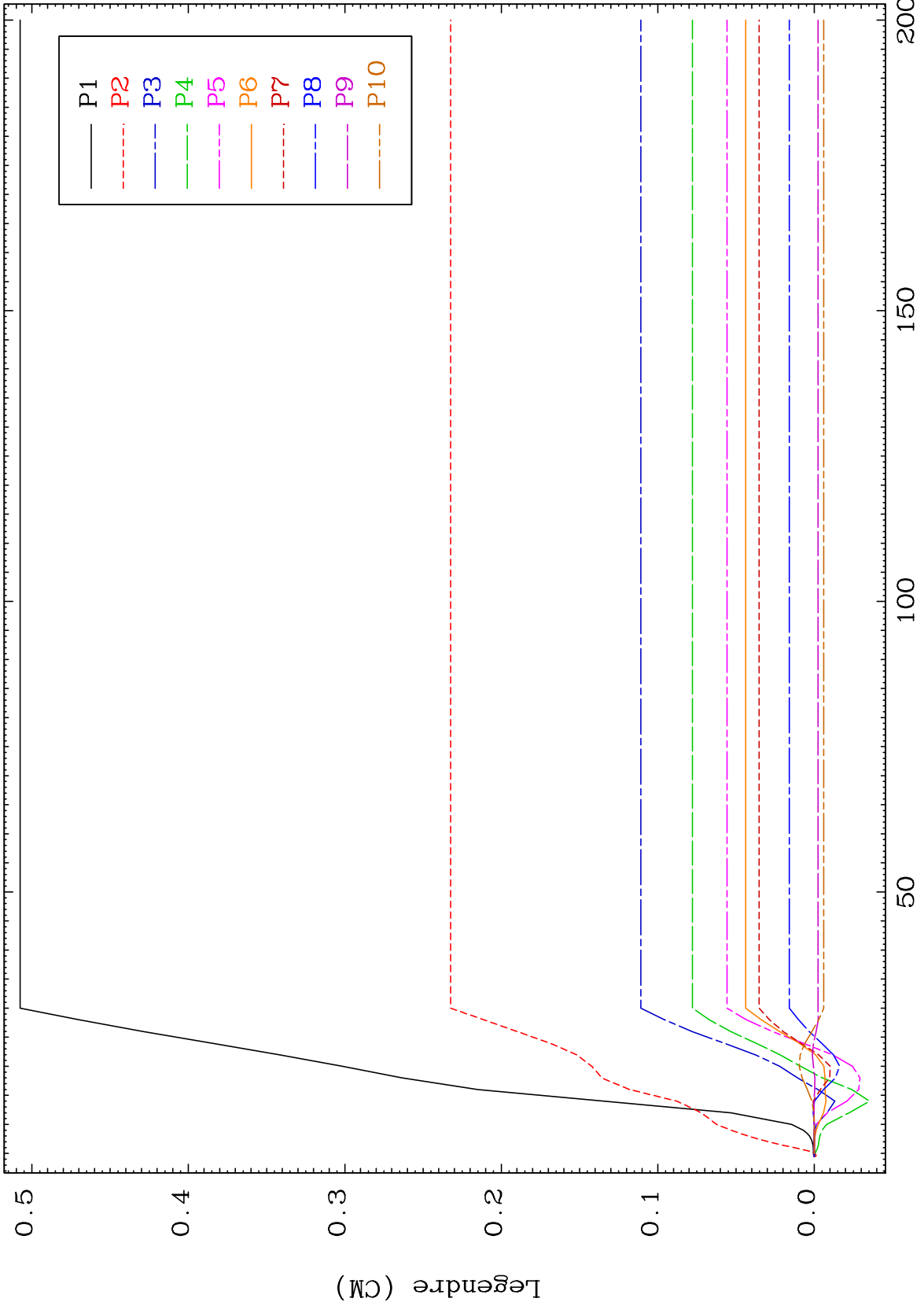
89

16-S -42

MAT 1655 MT= 73 (n,n') Level Legendre Coefficients

16-S -42

16-S -42



90

50

100

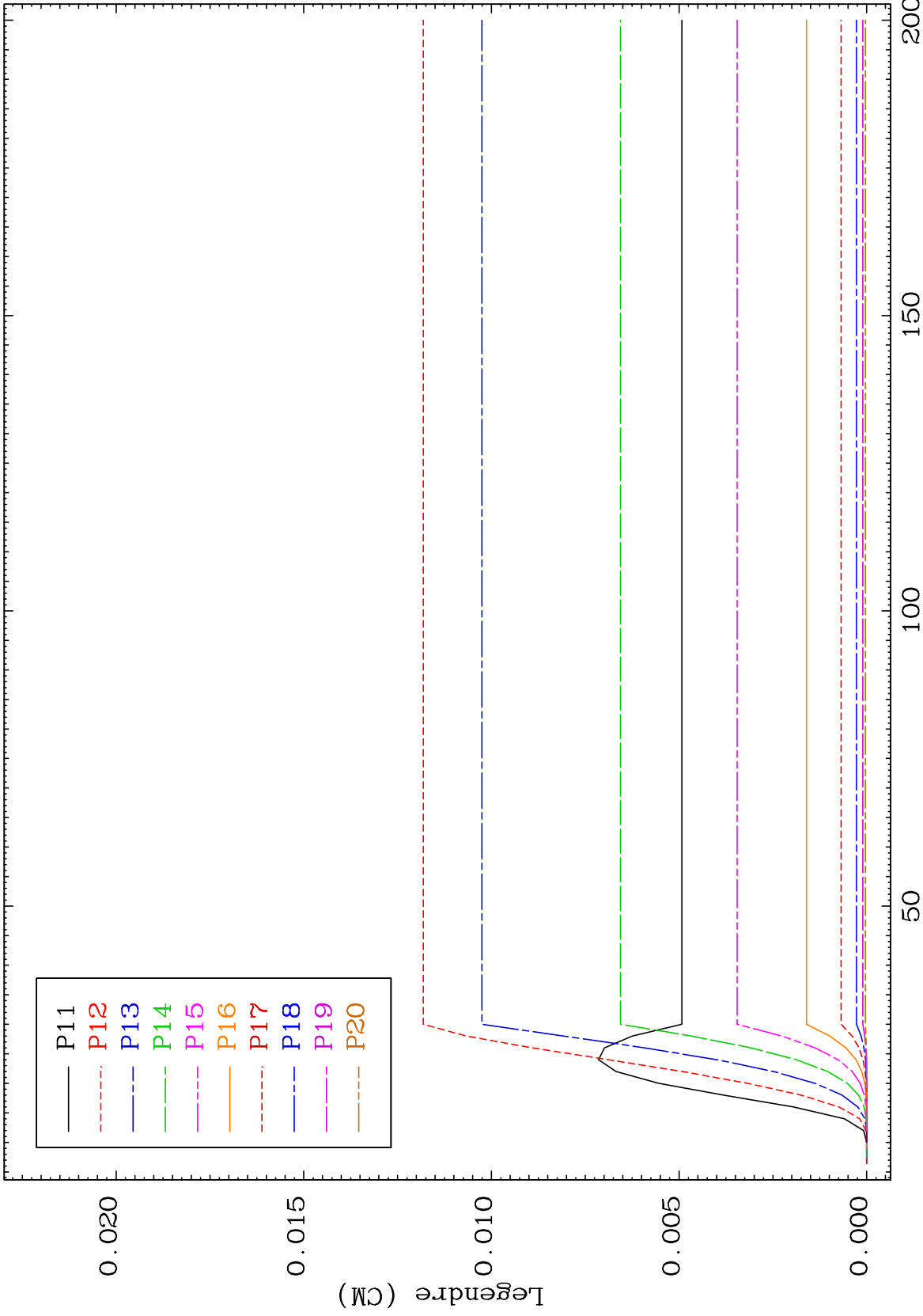
150

200

MAT 1655

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

16-S -42



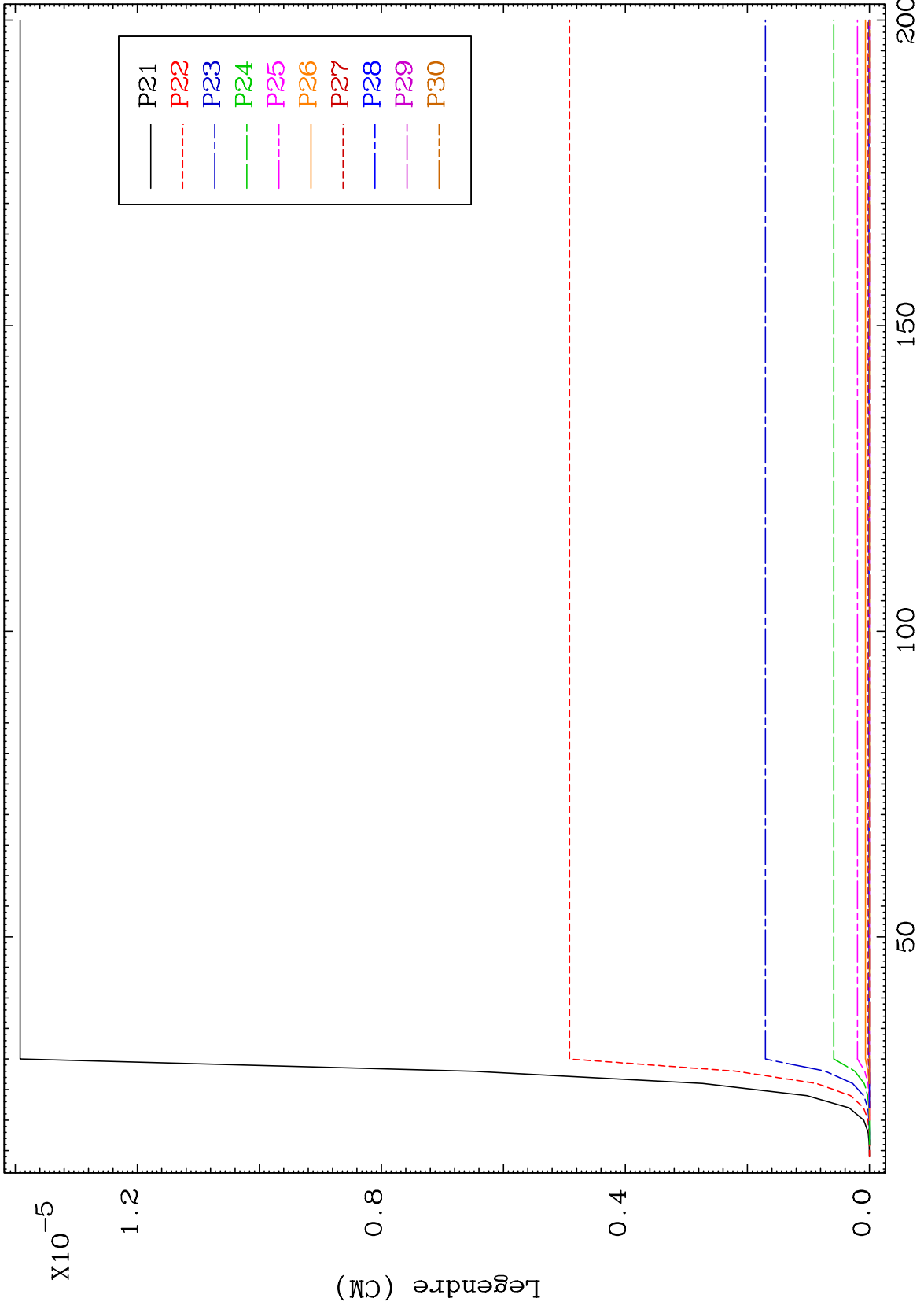
91

16-S -42

MAT 1655

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

16-S -42



92

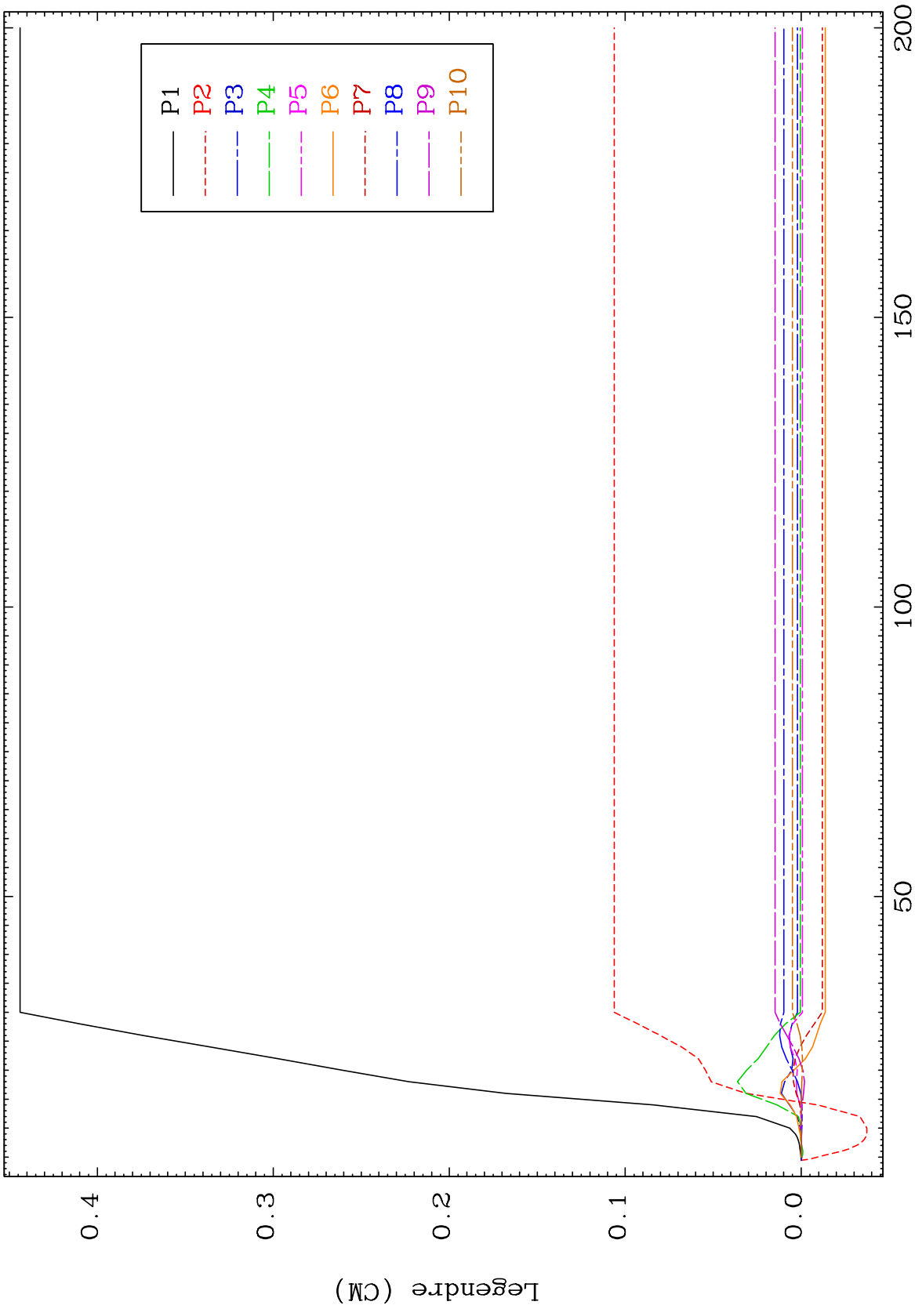
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



93

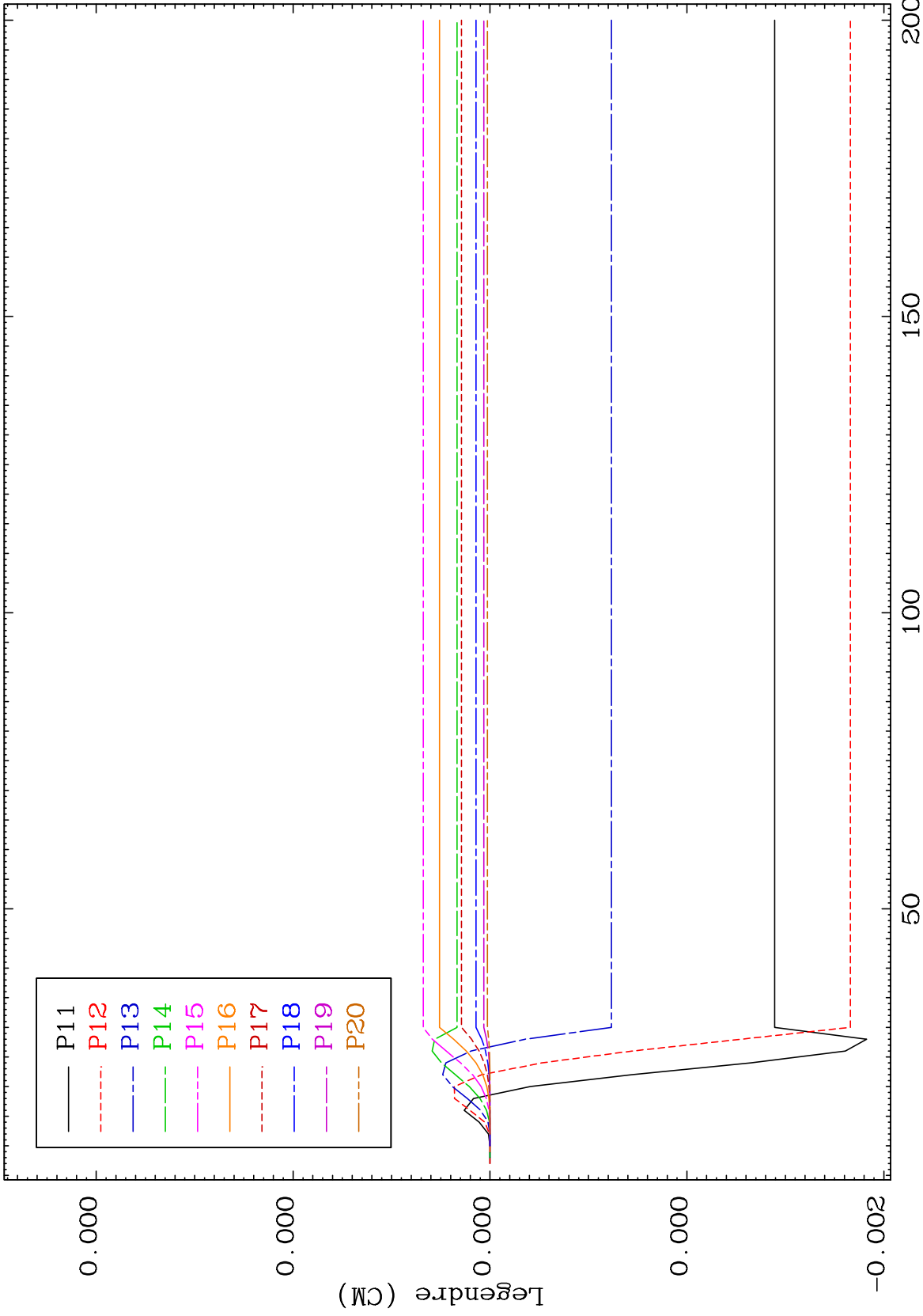
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



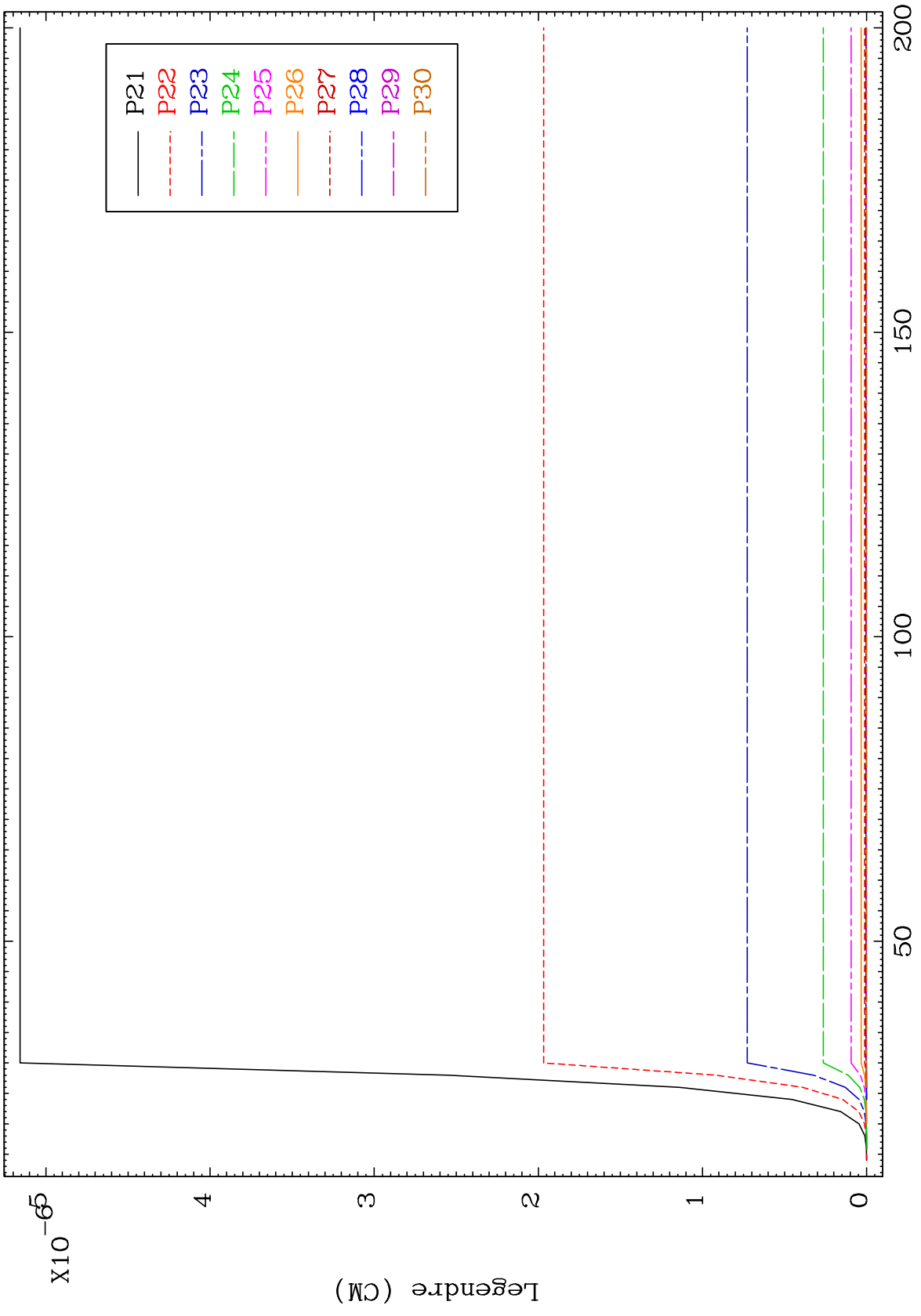
94

16-S -42

MAT 1655

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

16-S -42

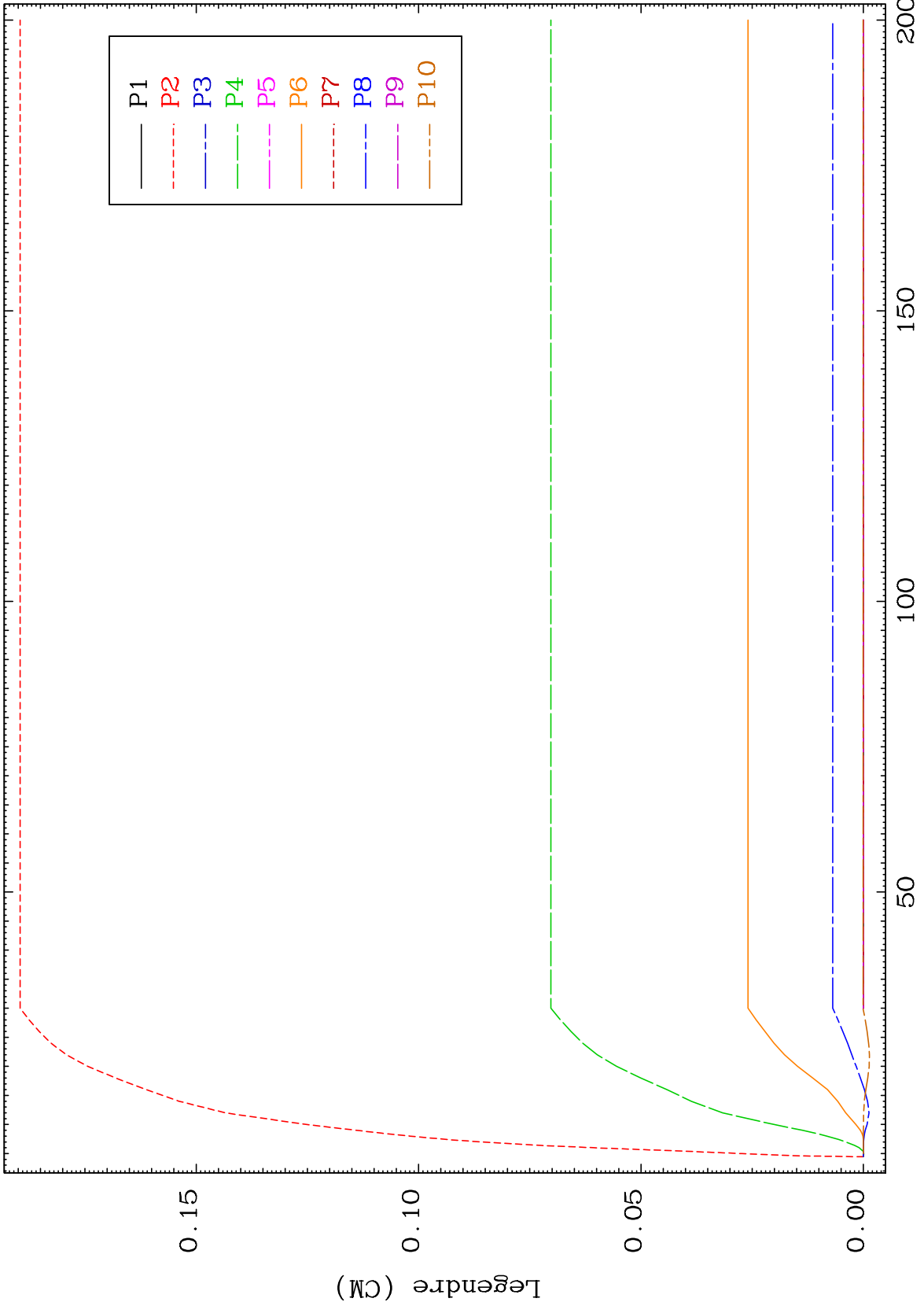


95

100 150 200

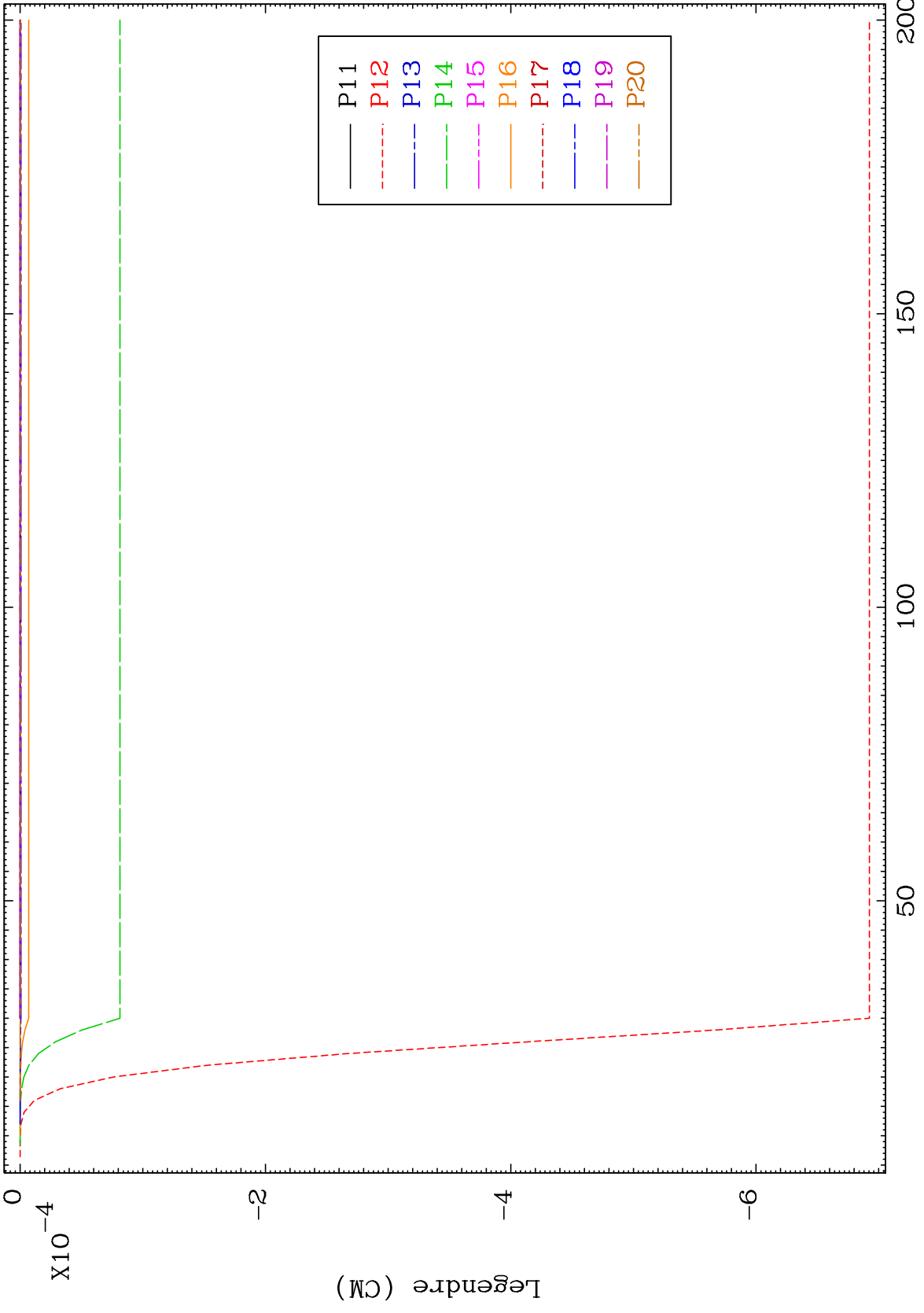
16-S -42

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

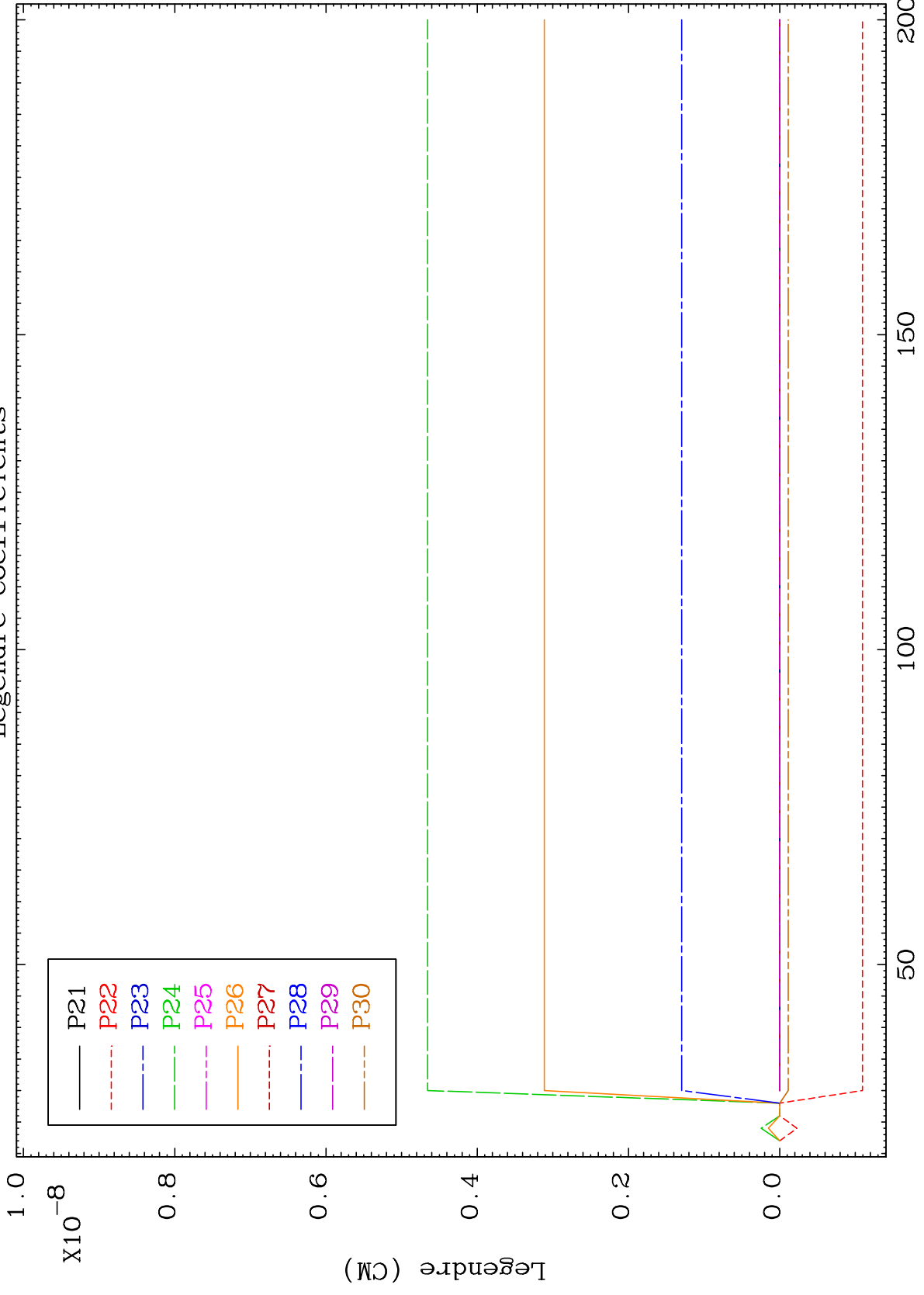


96 16-S -42

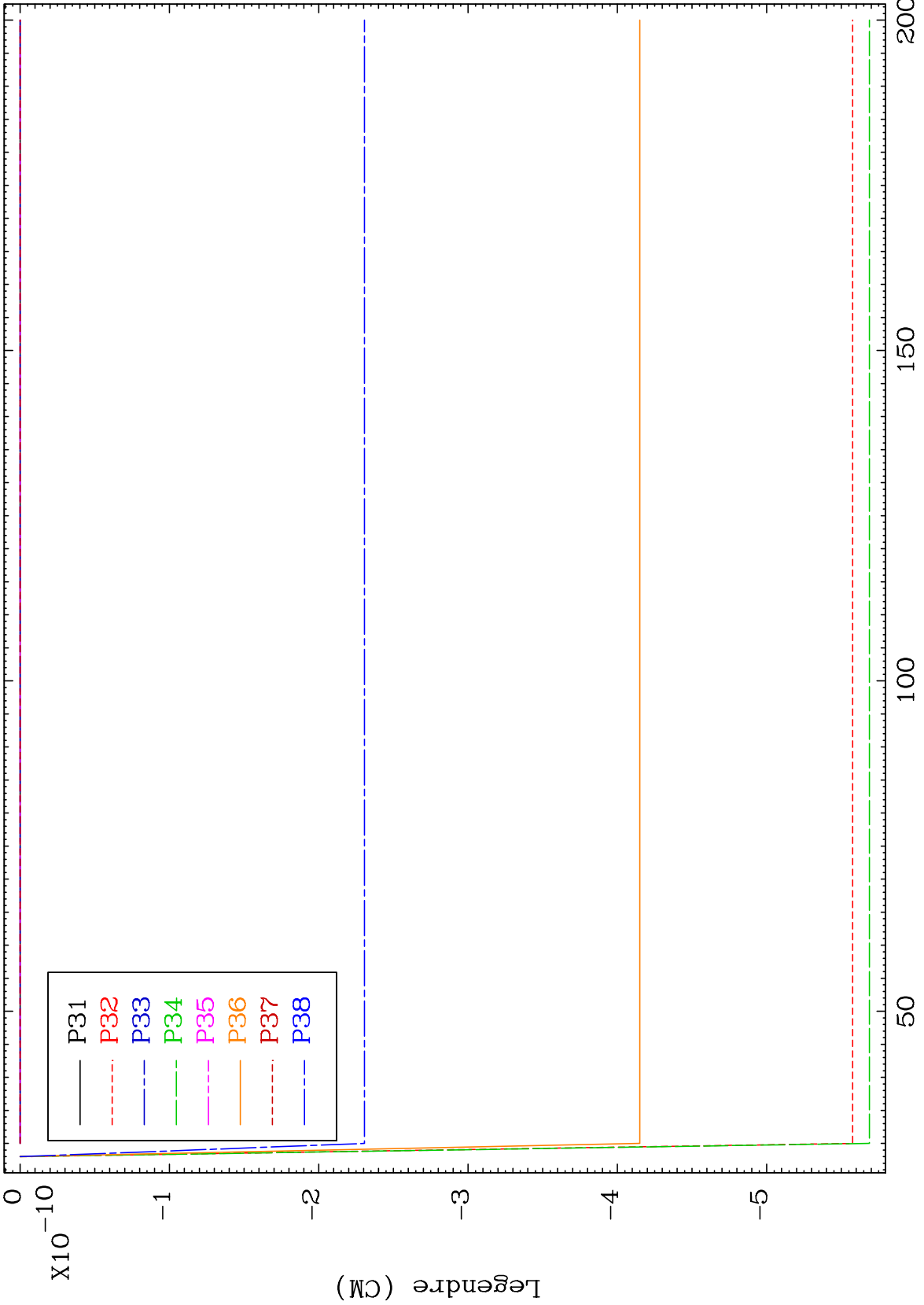
MAT 1655 MT= 75 (n,n') Level Legendre Coefficients 16-S -42



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

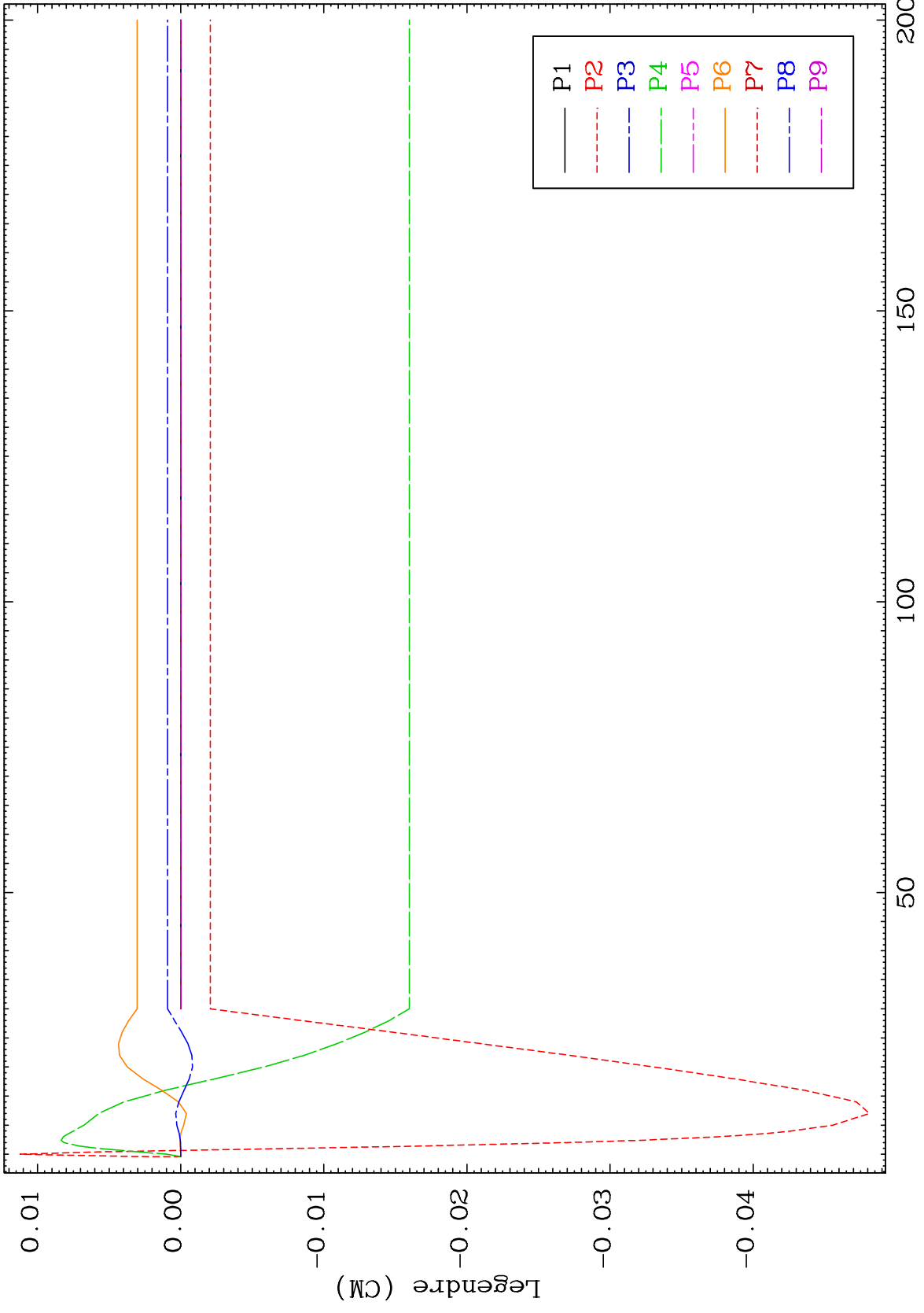


MAT 1655 MT= 75 (n,n') Level Legendre Coefficients 16-S -42



99 16-S -42

MAT 1655 MT= 76 (n,n') Level Legendre Coefficients 16-S -42

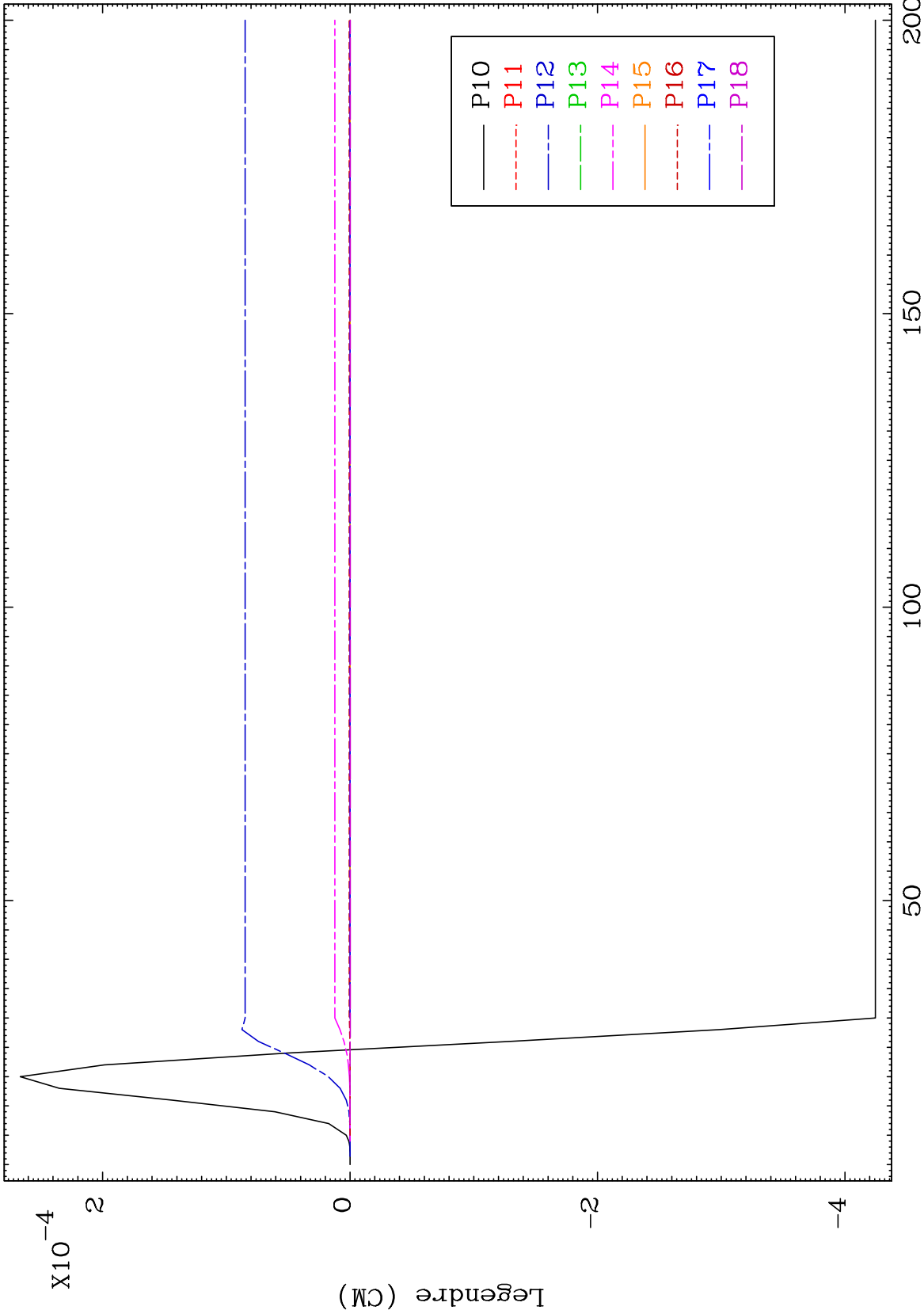


16-S -42

MAT 1655

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

16-S -42

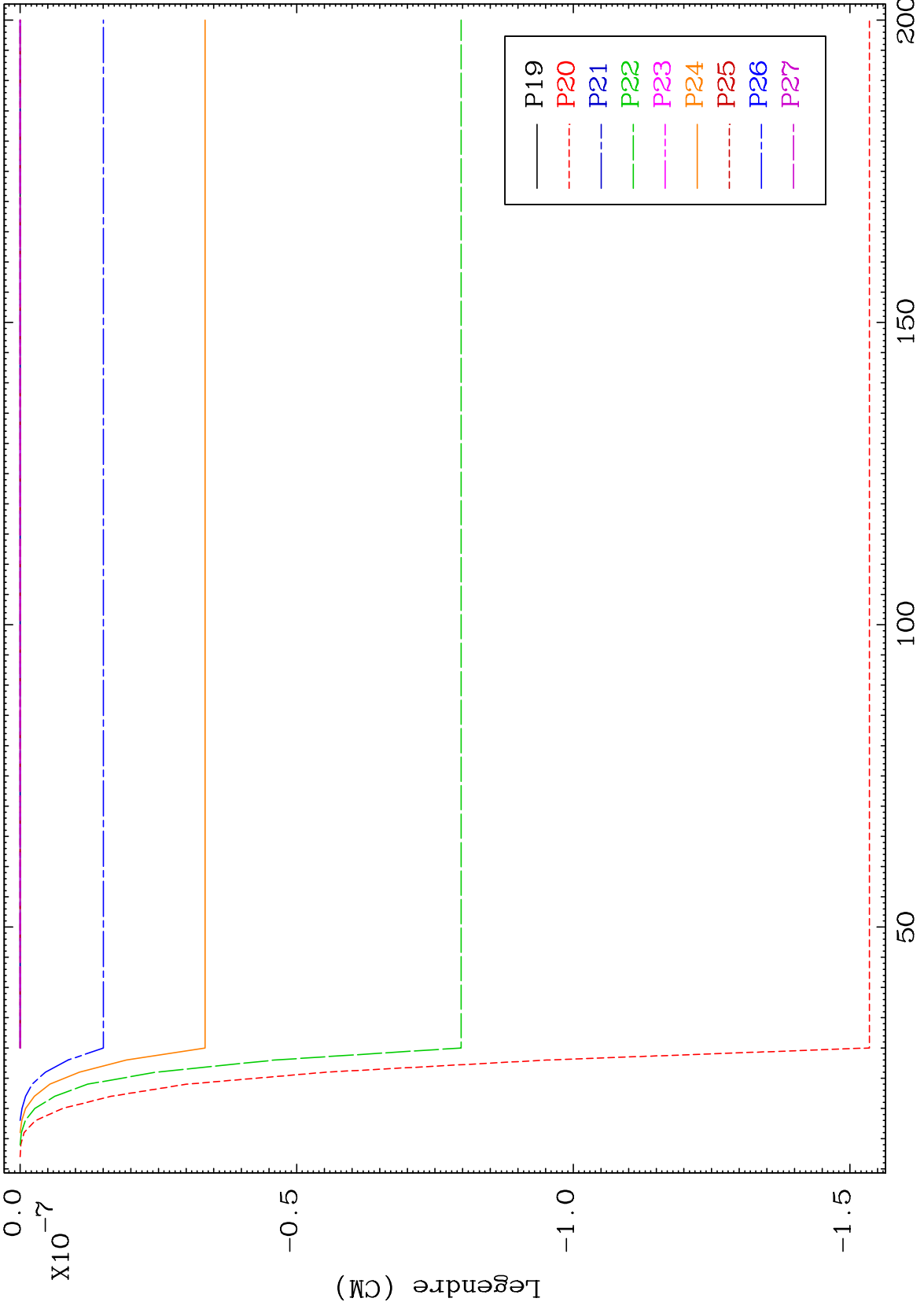


101

Incident Energy (MeV)

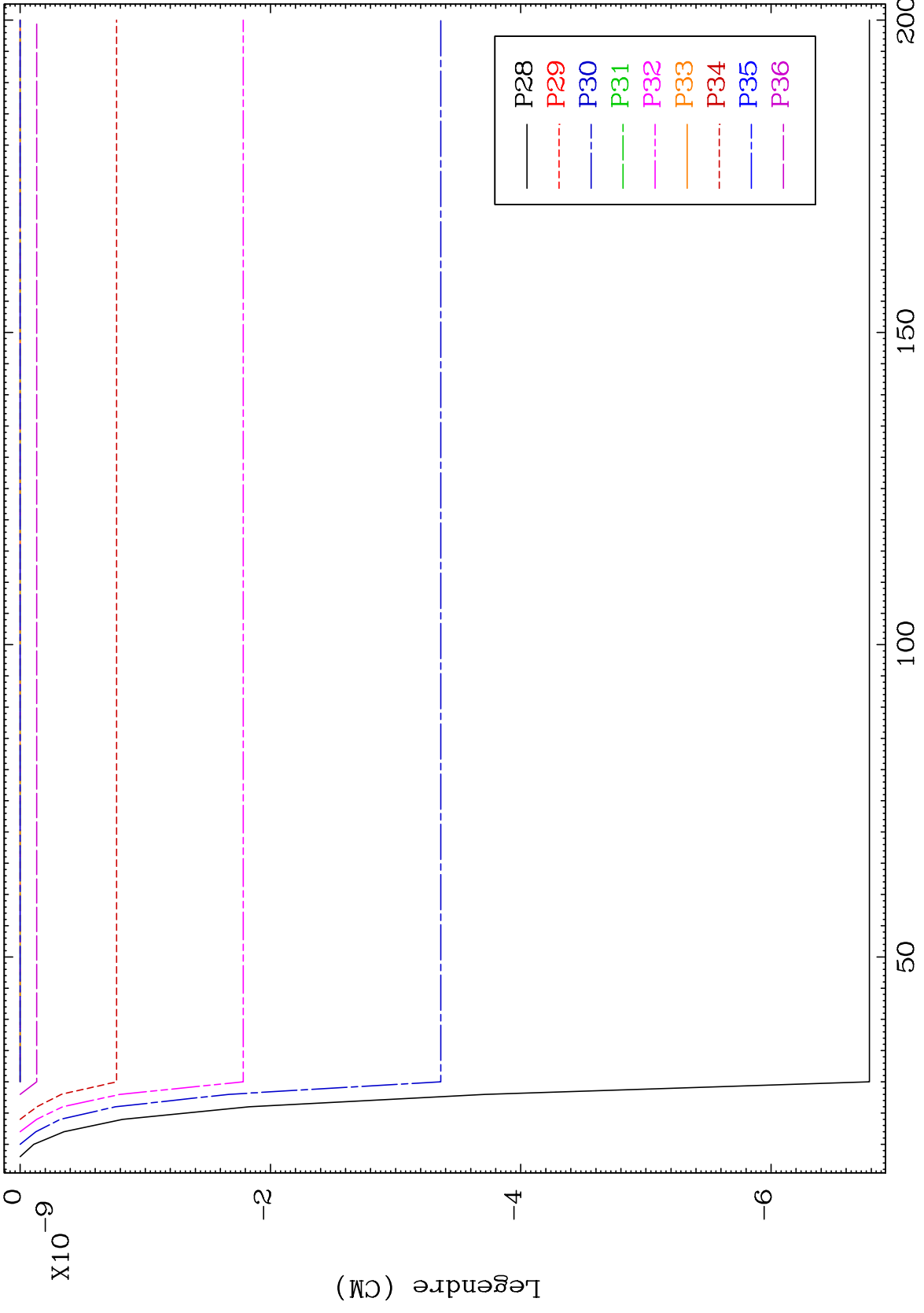
16-S -42

MAT 1655 MT= 76 (n,n') Level Legendre Coefficients 16-S -42



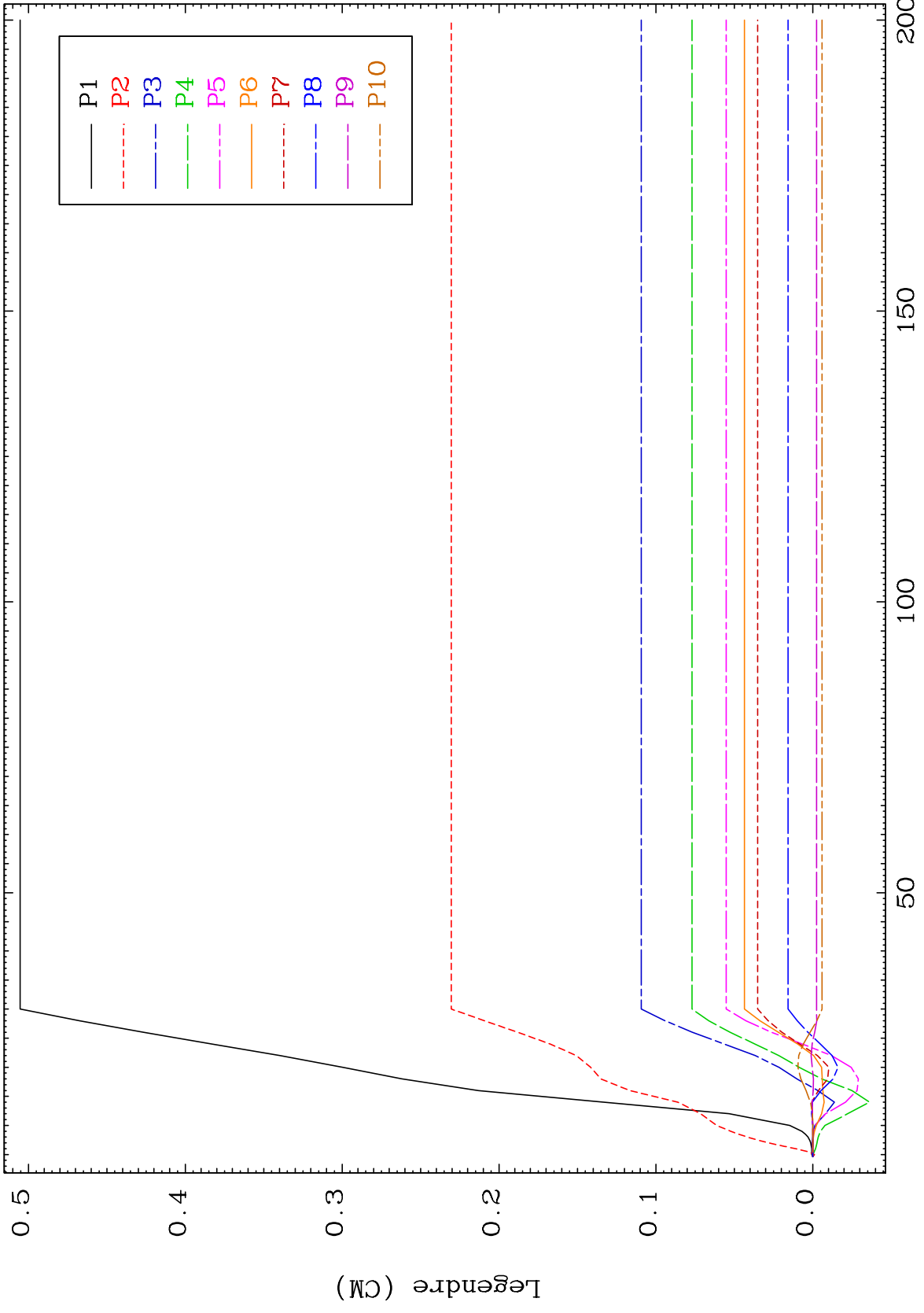
102 Incident Energy (MeV) 16-S -42

MAT 1655 MT= 76 (n,n') Level Legendre Coefficients 16-S -42



103 16-S -42

MAT 1655 MT= 77 (n,n') Level Legendre Coefficients 16-S -42

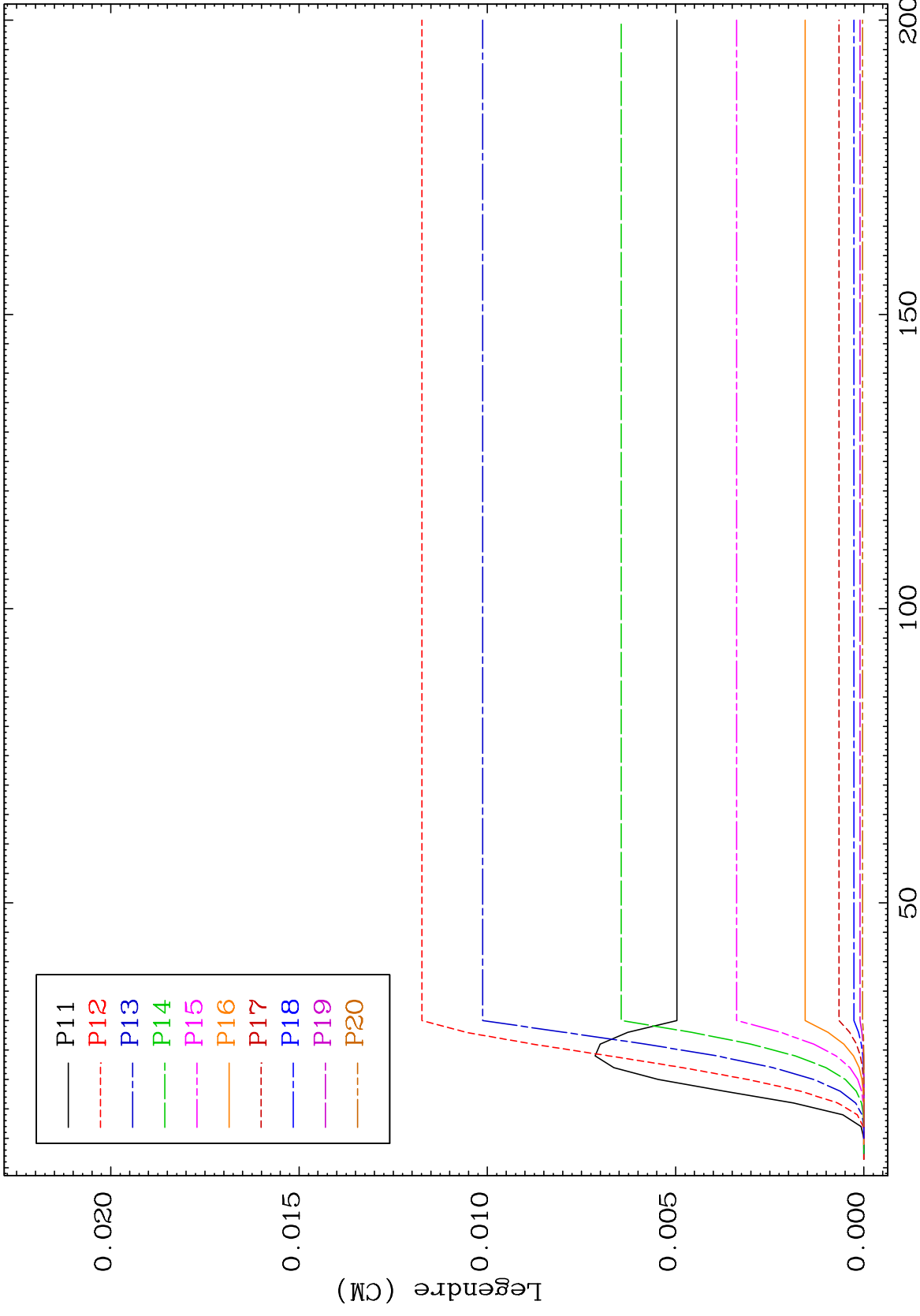


104 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



105

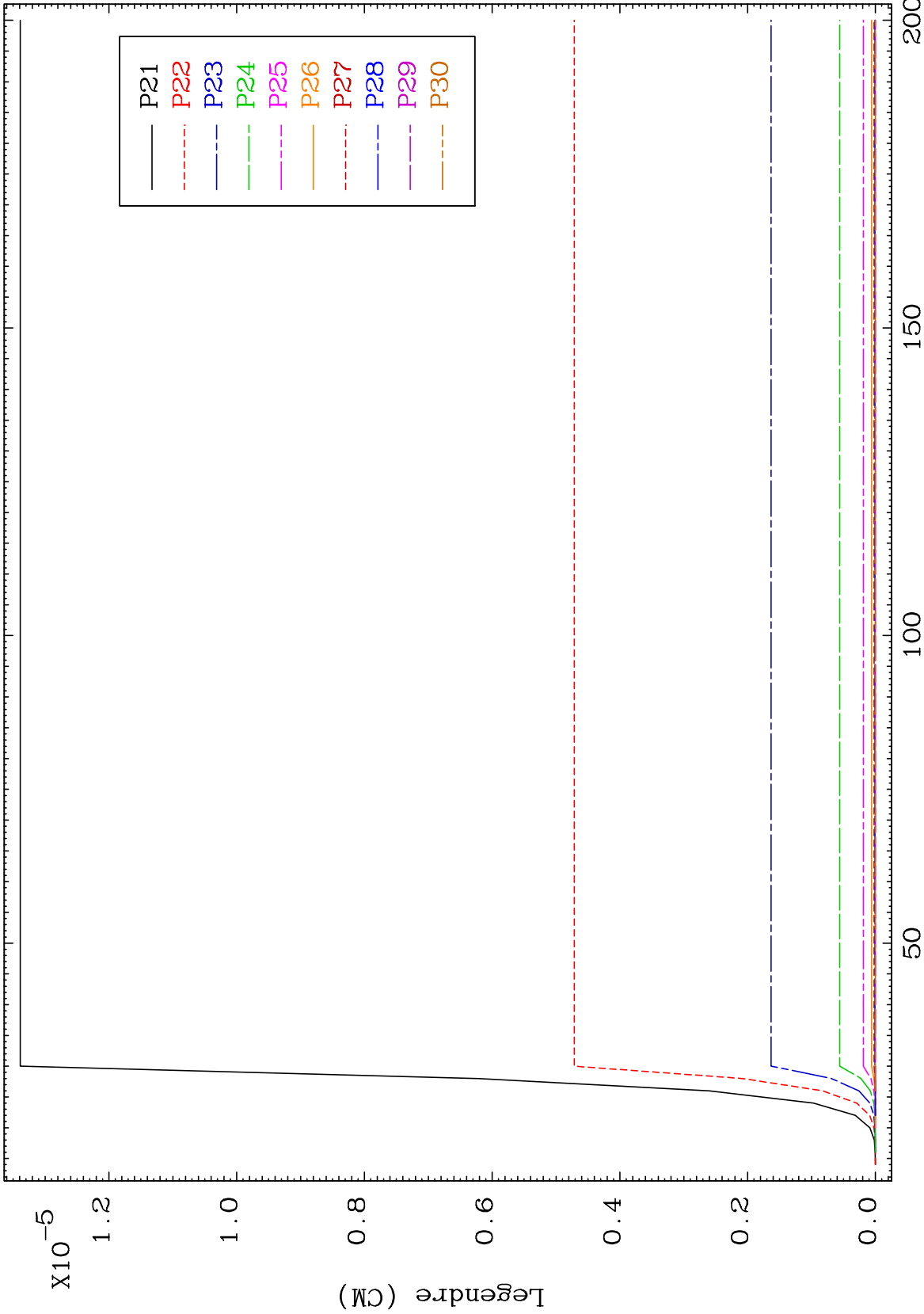
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



106

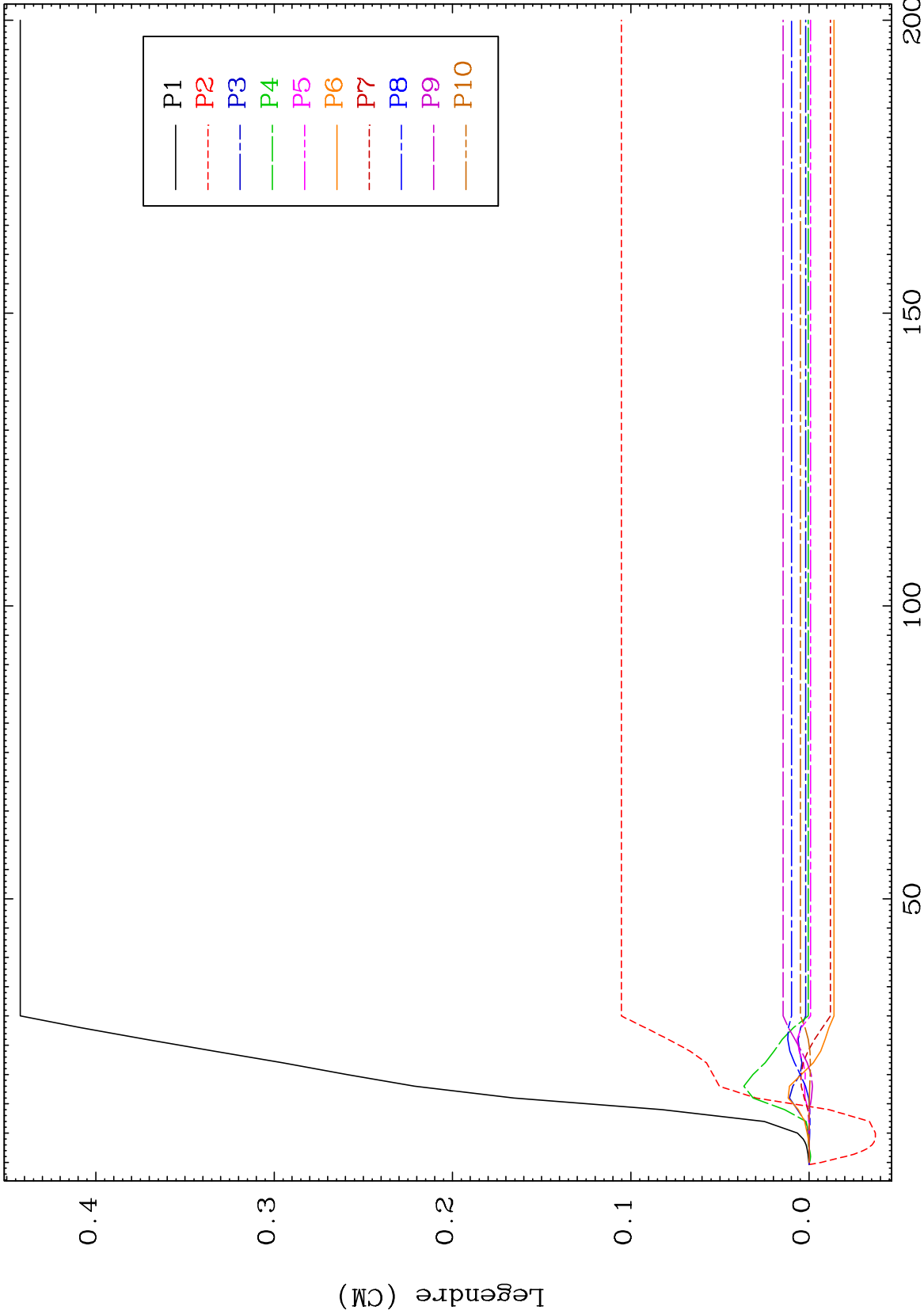
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



107

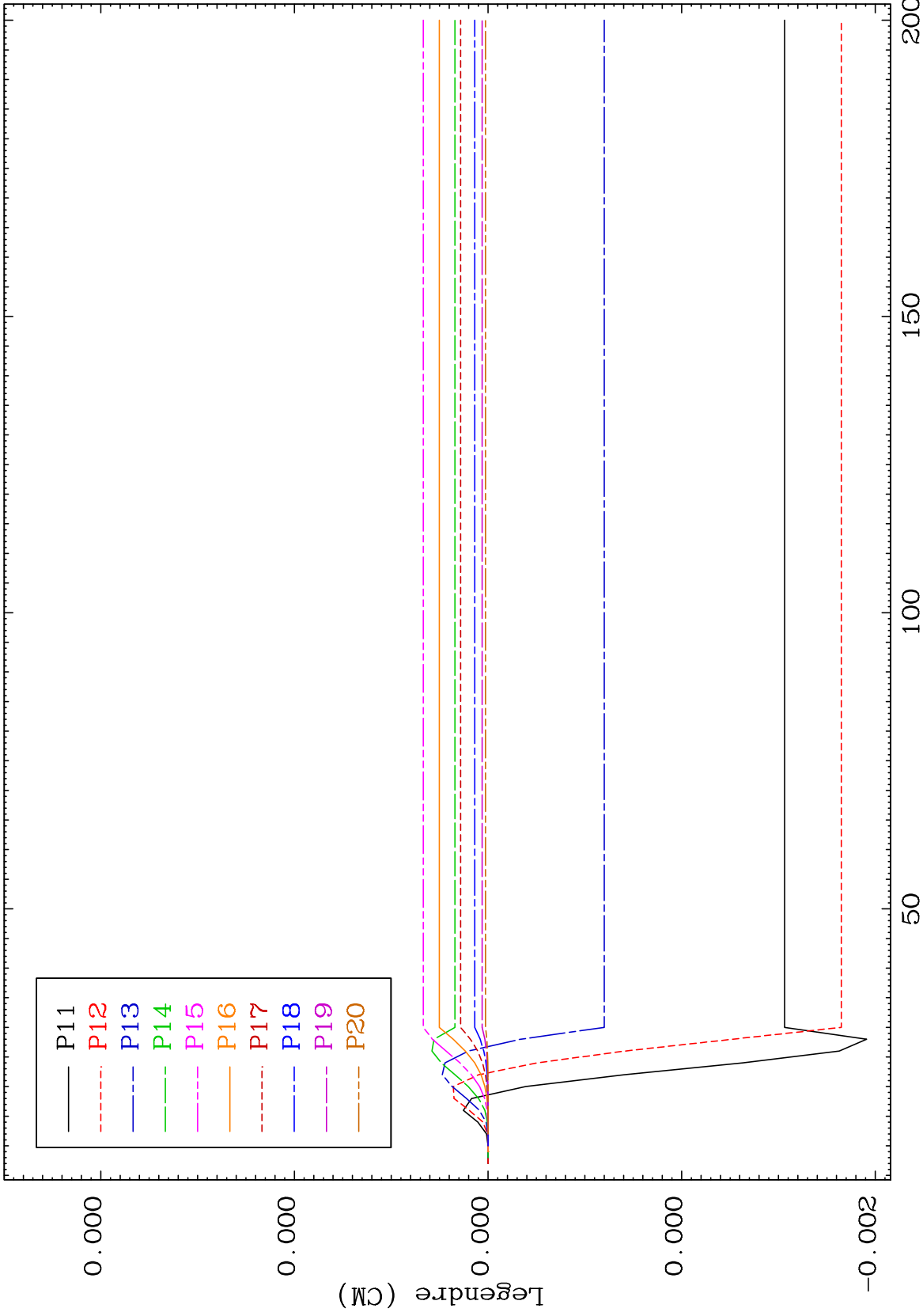
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42

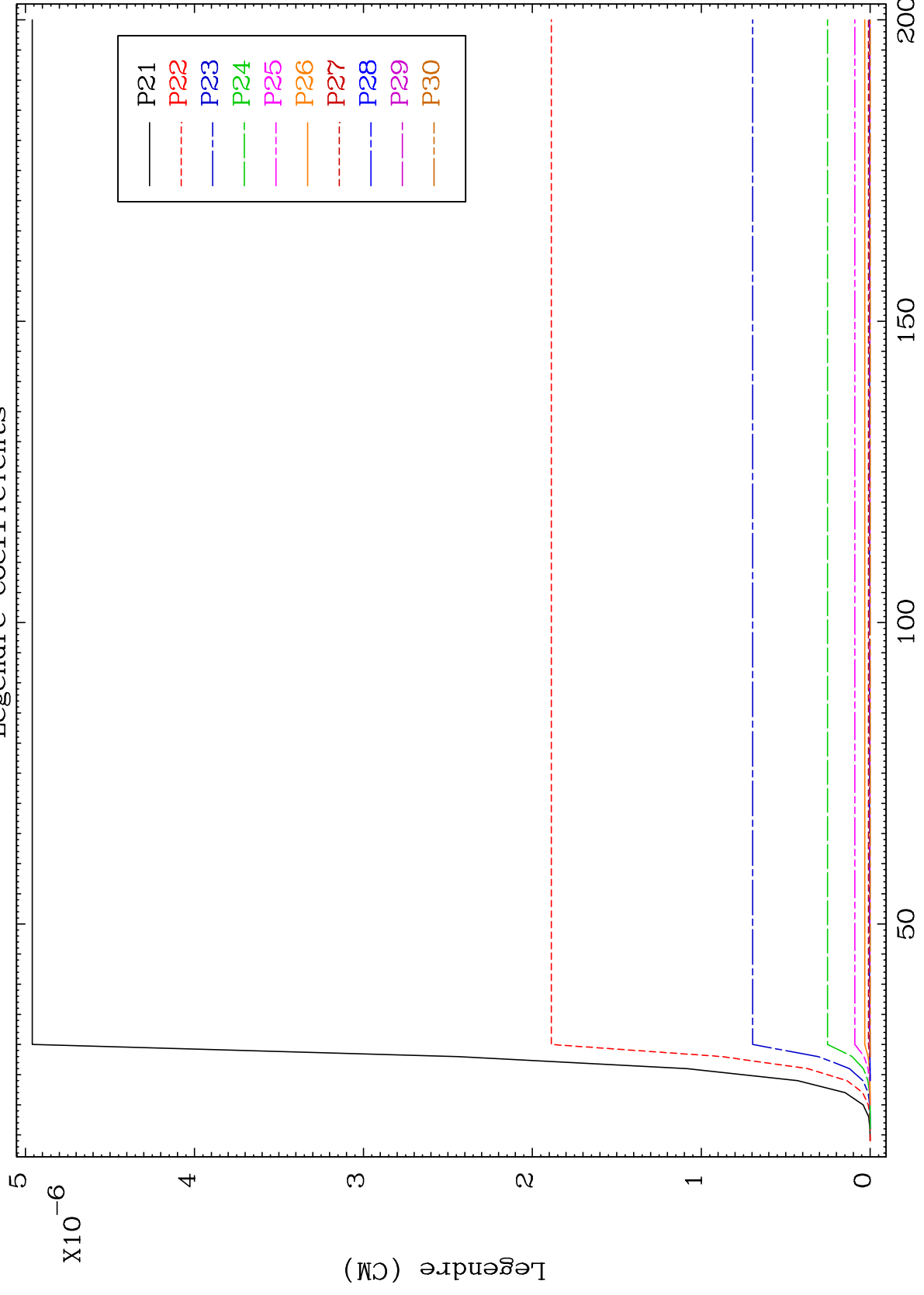


108

Incident Energy (MeV)

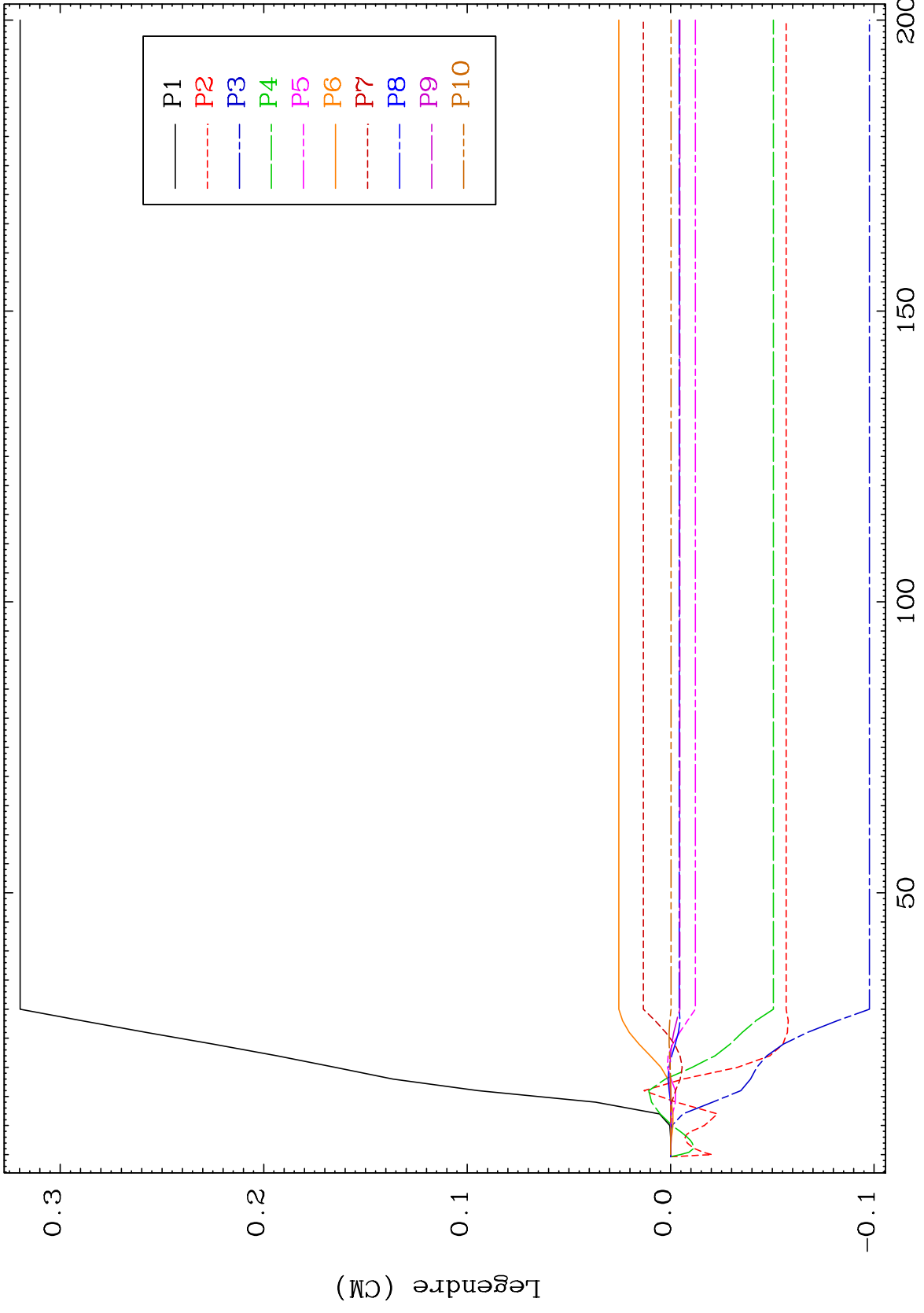
16-S -42

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



109 50 100 150 200 Incident Energy (MeV) 16-S -42

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

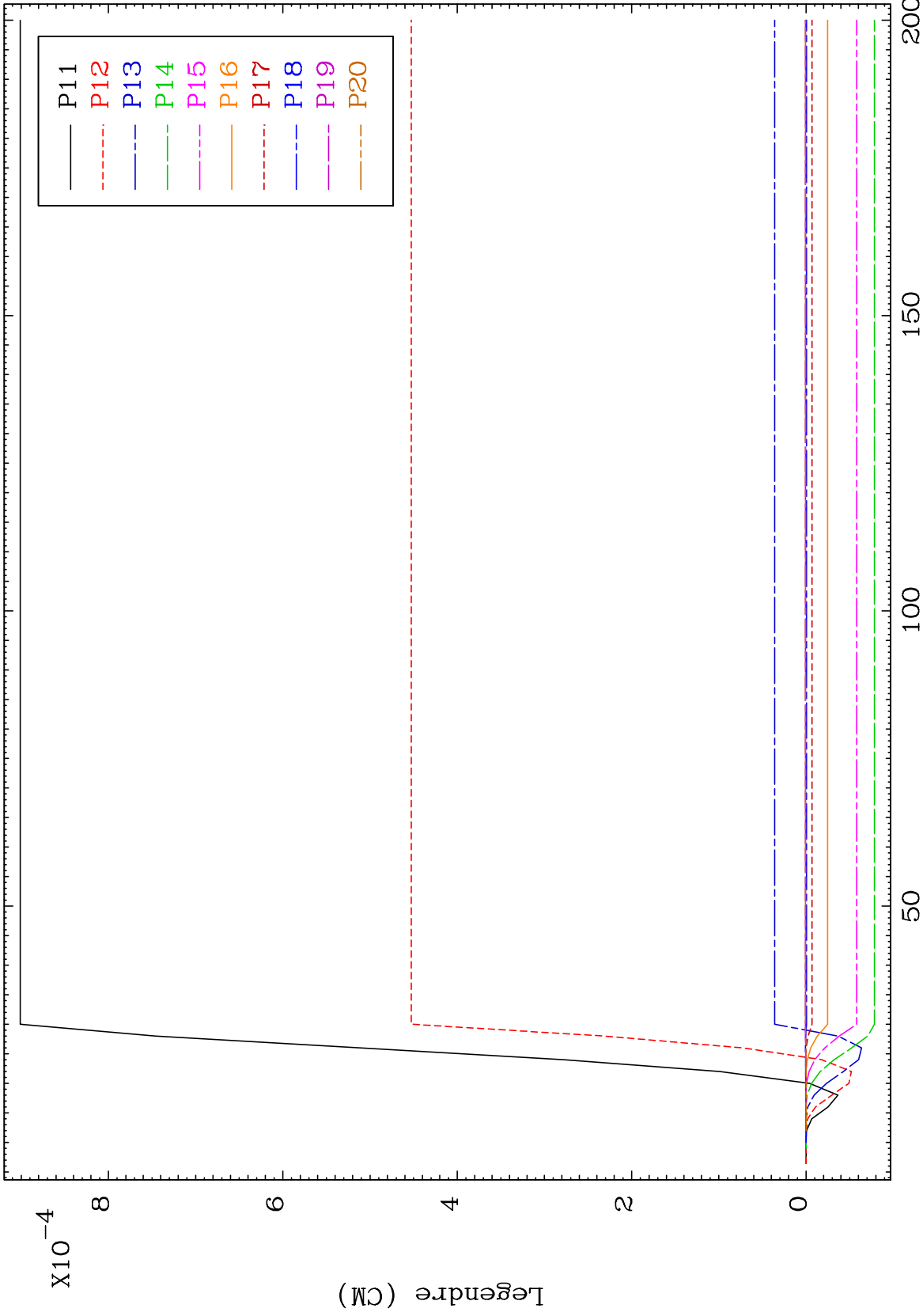


110 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42

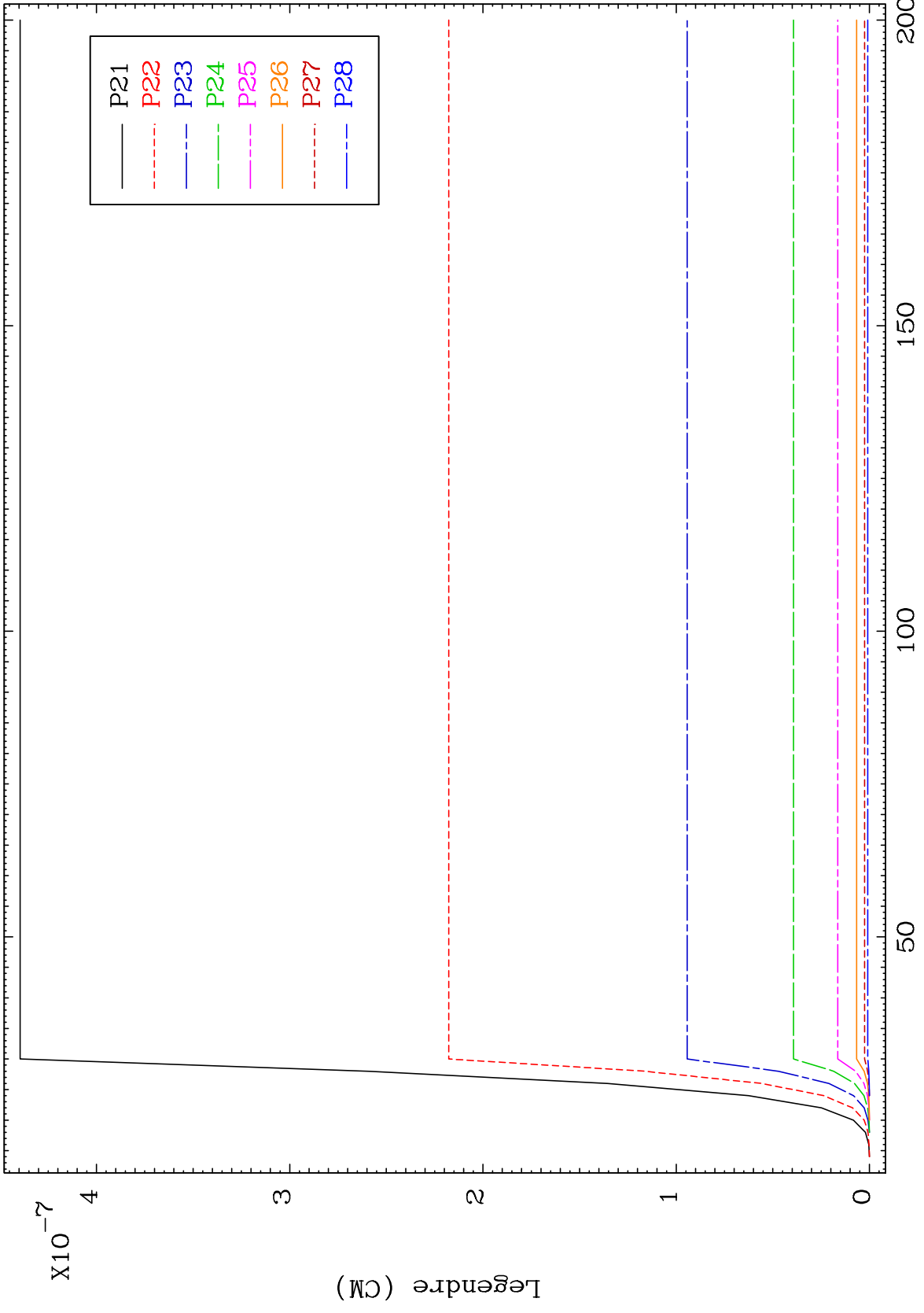


111

Incident Energy (MeV)

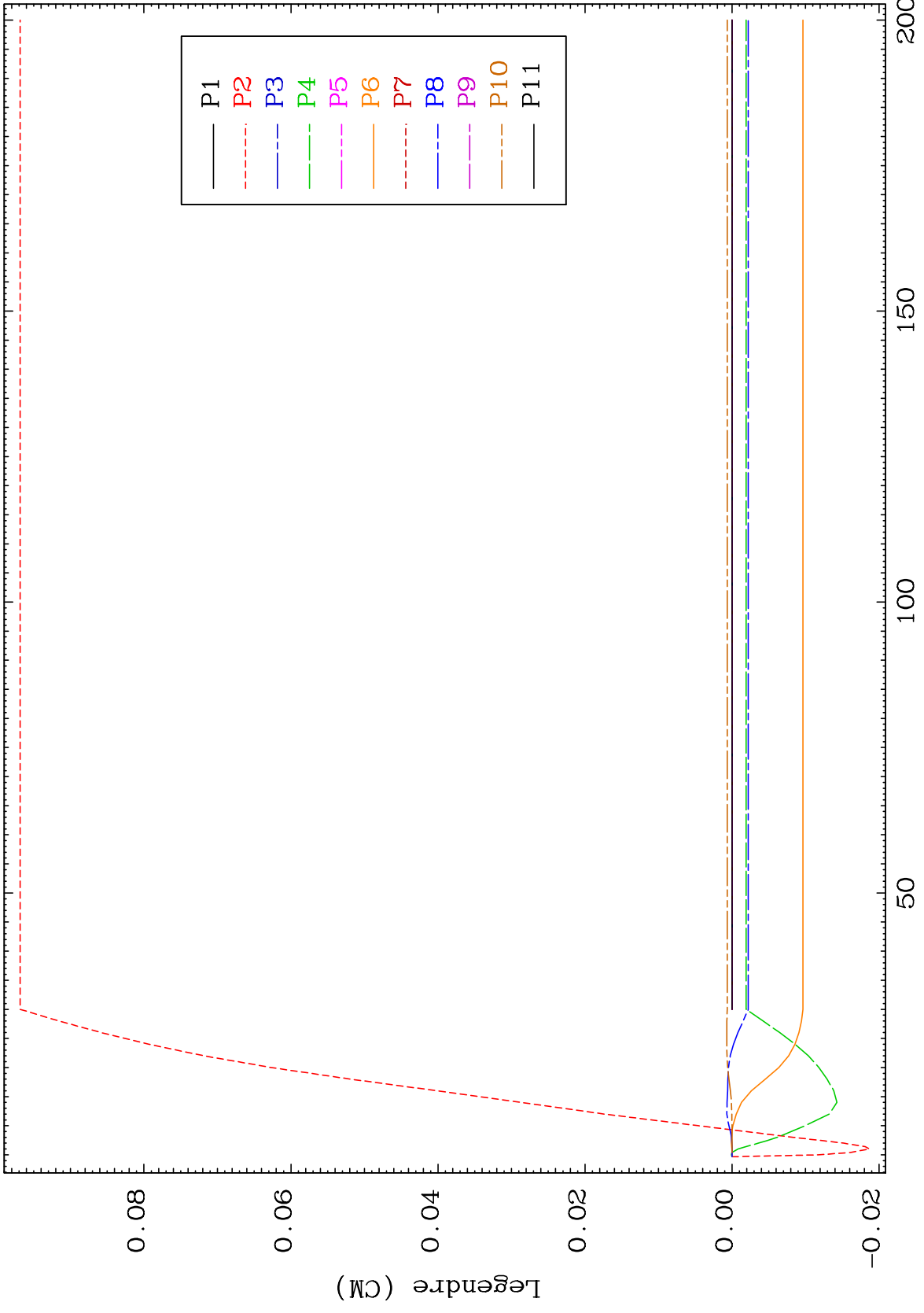
16-S -42

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



112 16-S -42

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

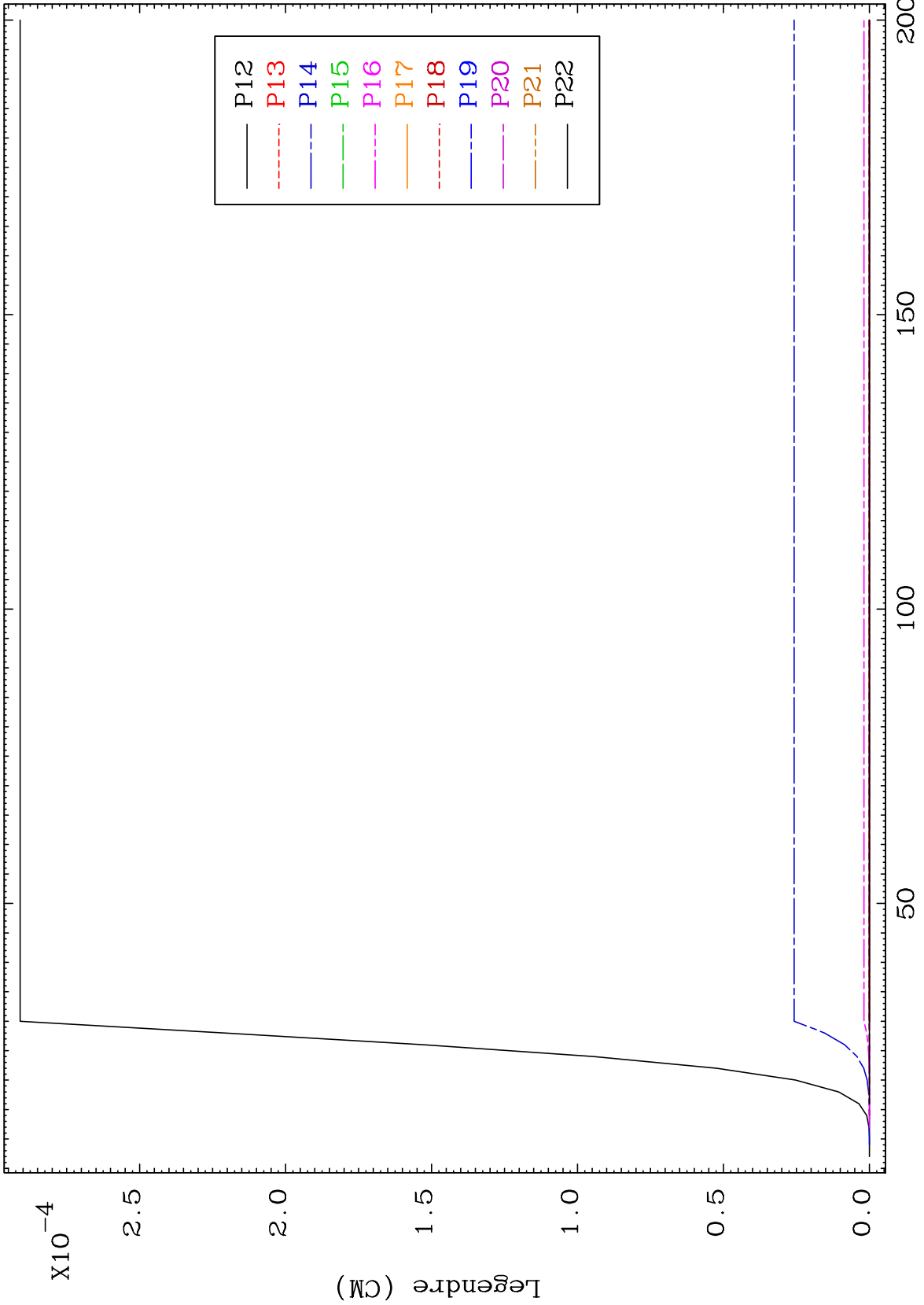


113 Incident Energy (MeV) 16-S -42

MAT 1655

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

16-S -42



114

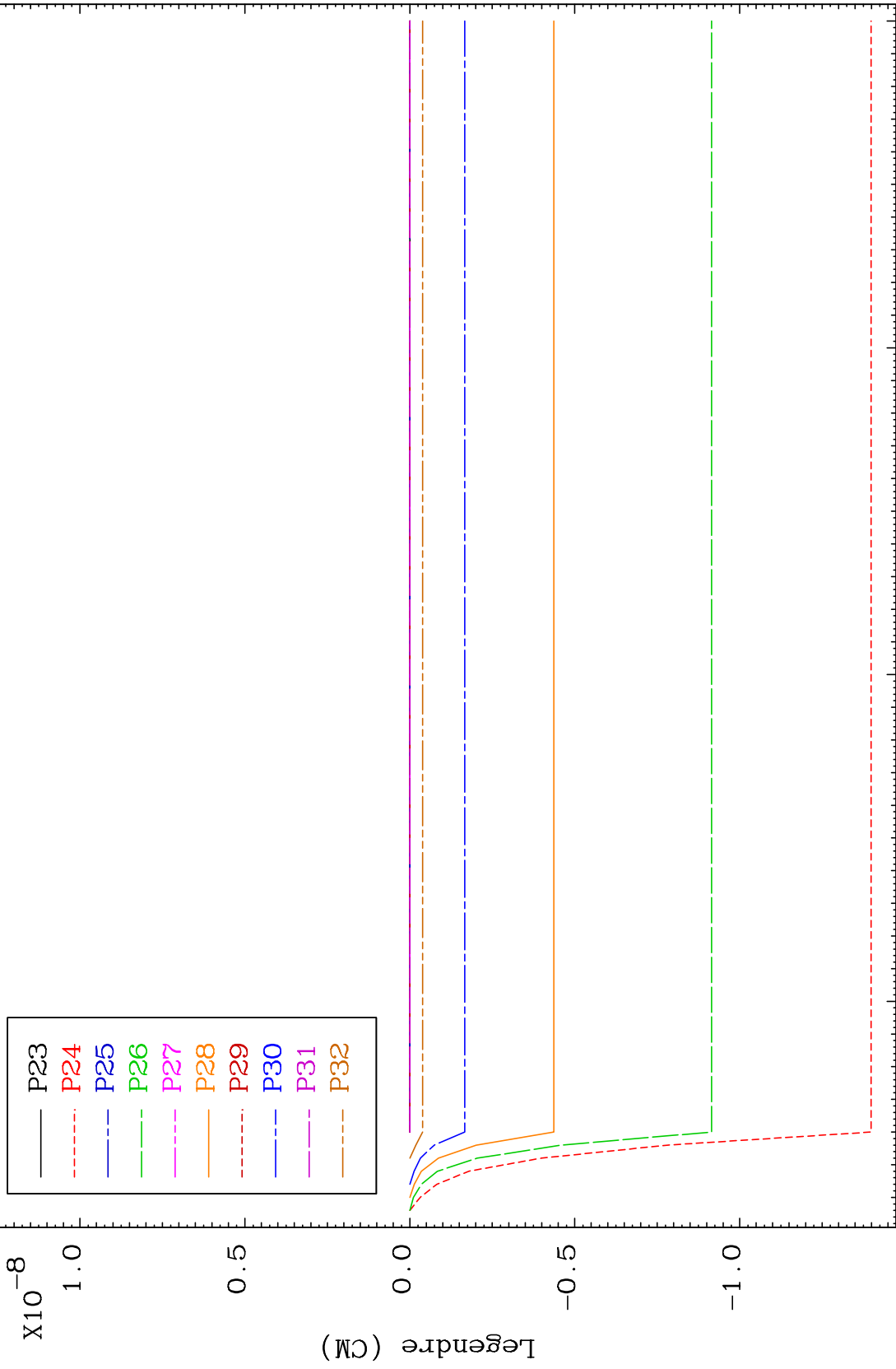
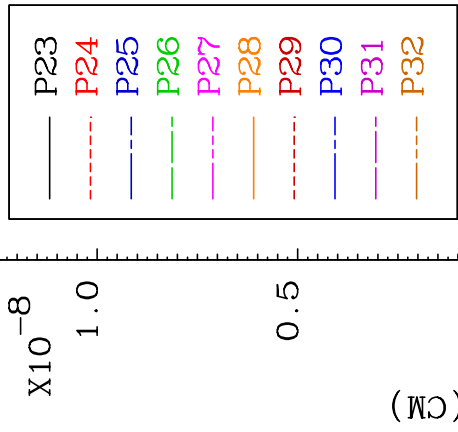
Incident Energy (MeV)

16-S -42

MAT 1655

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

16-S -42



115

Incident Energy (MeV)

16-S -42