

Program EVALPLOT
(Version 2021-1)

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

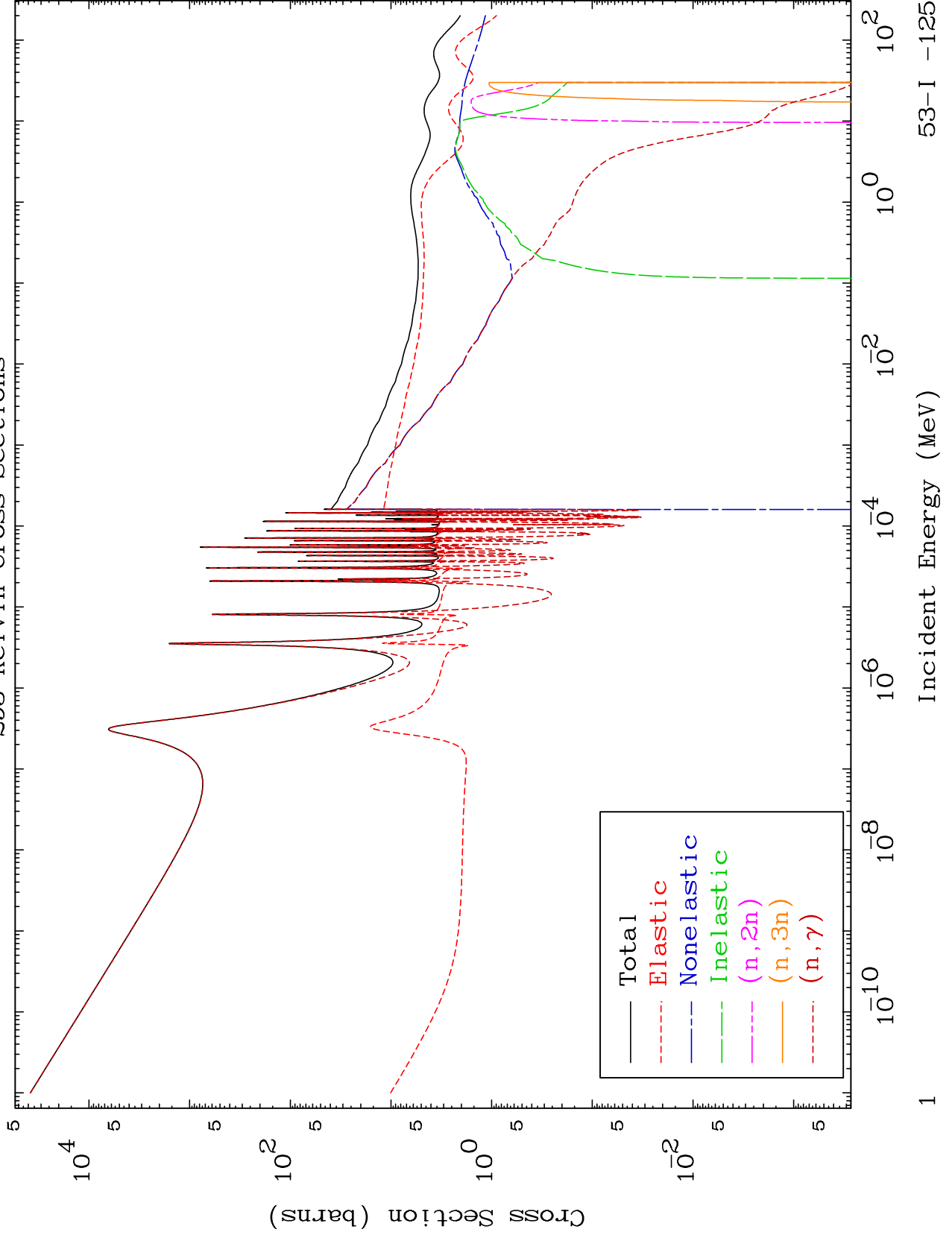
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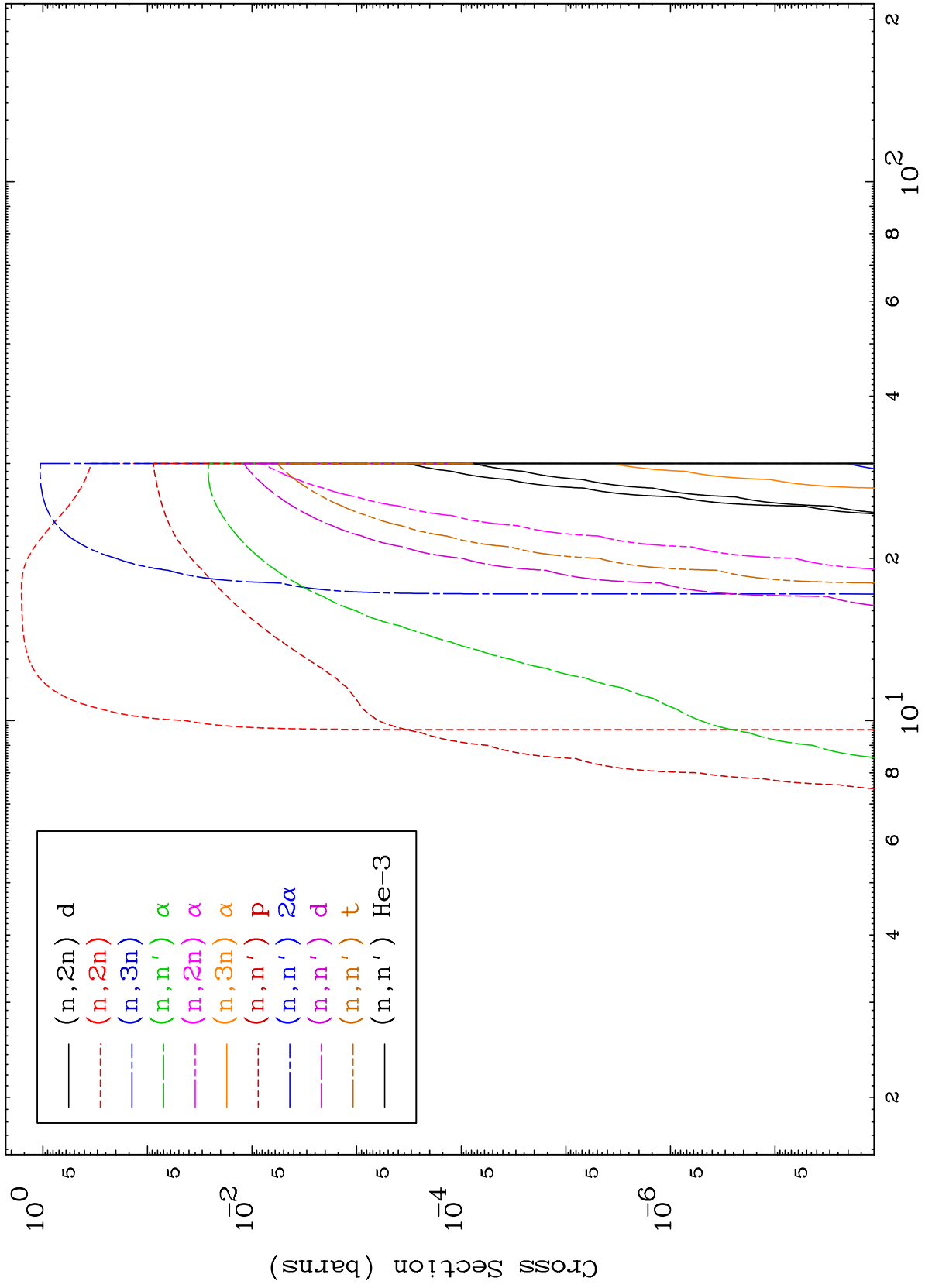
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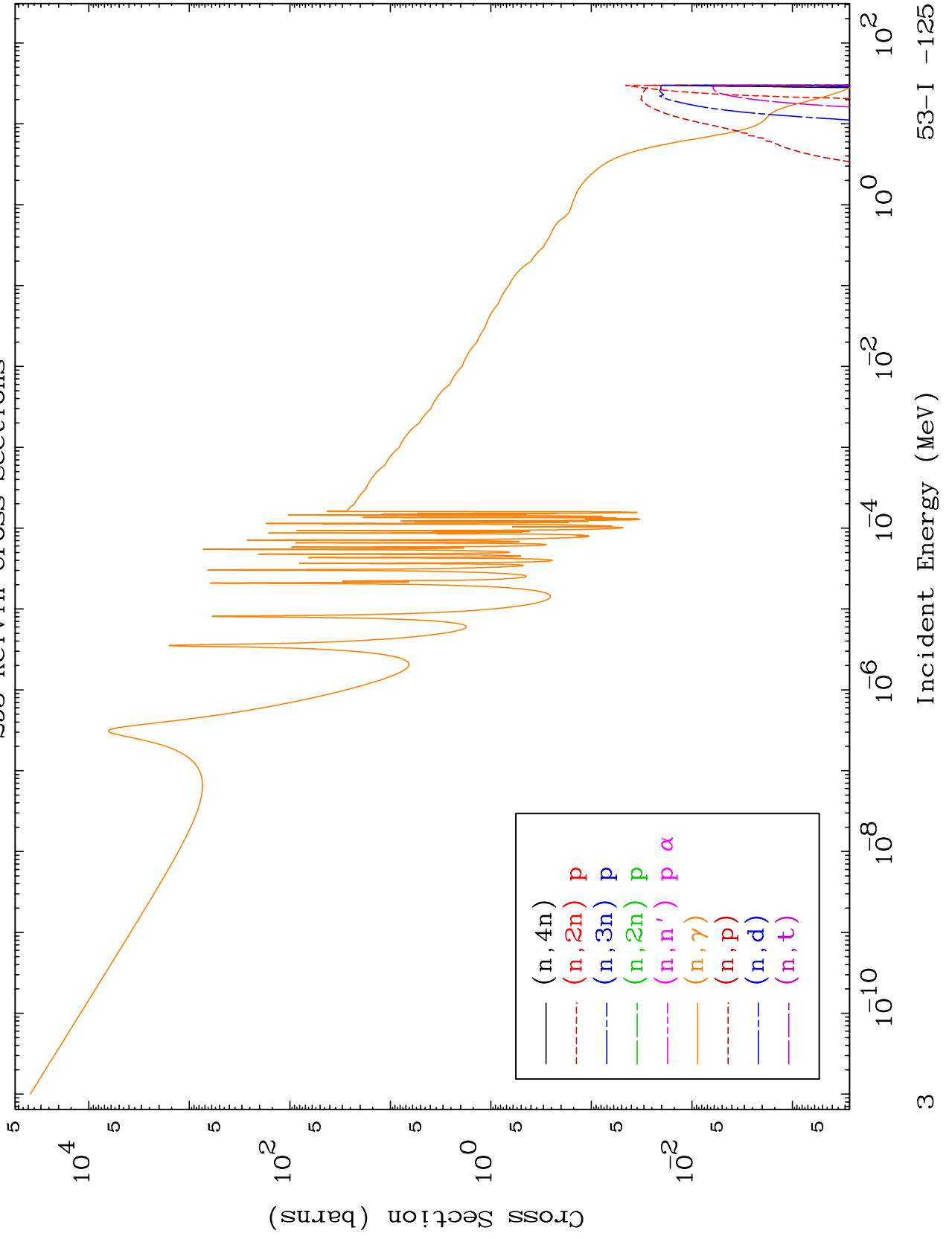
MAT 5319

Neutron Major
293 Kelvin Cross Sections

53-I -125



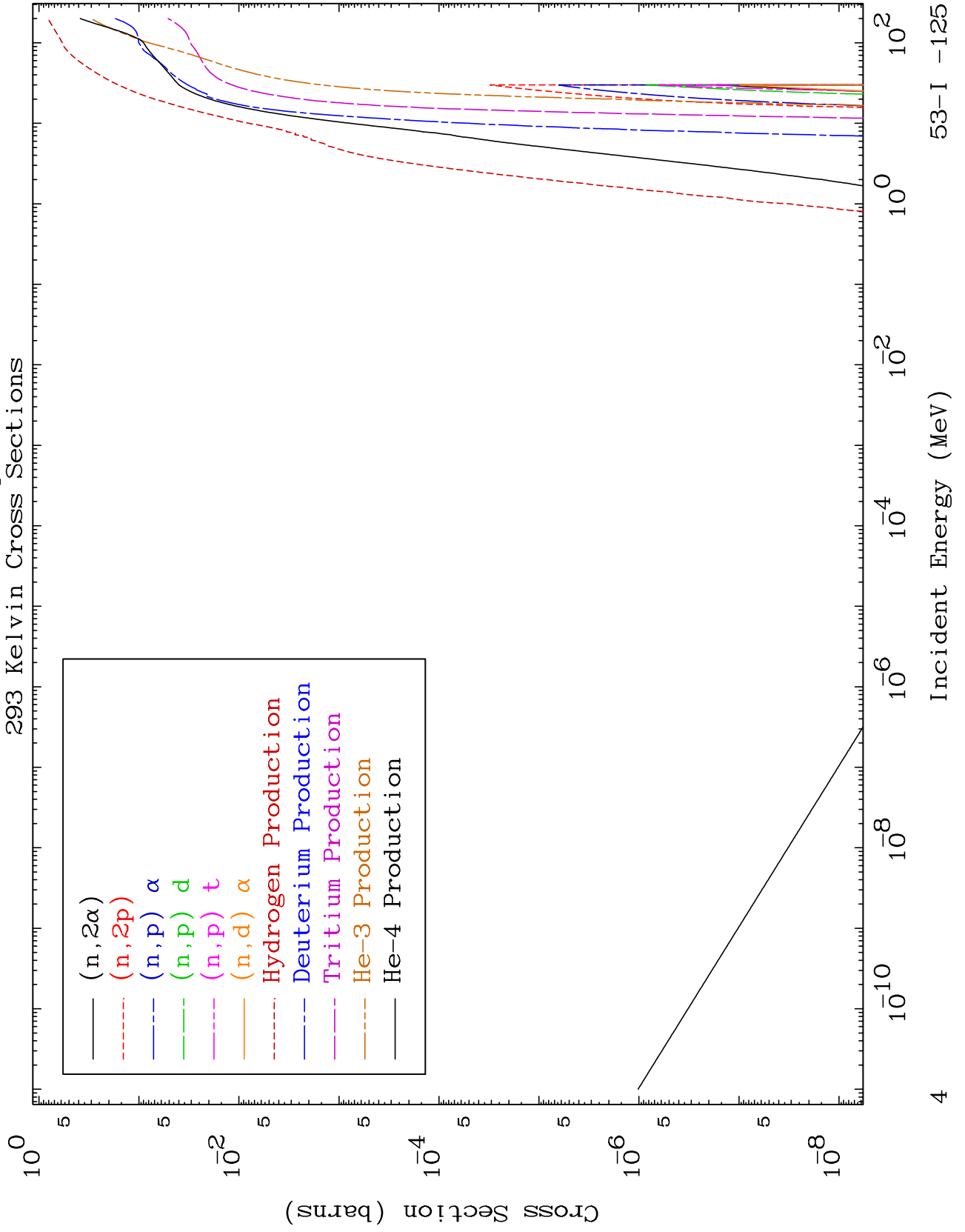


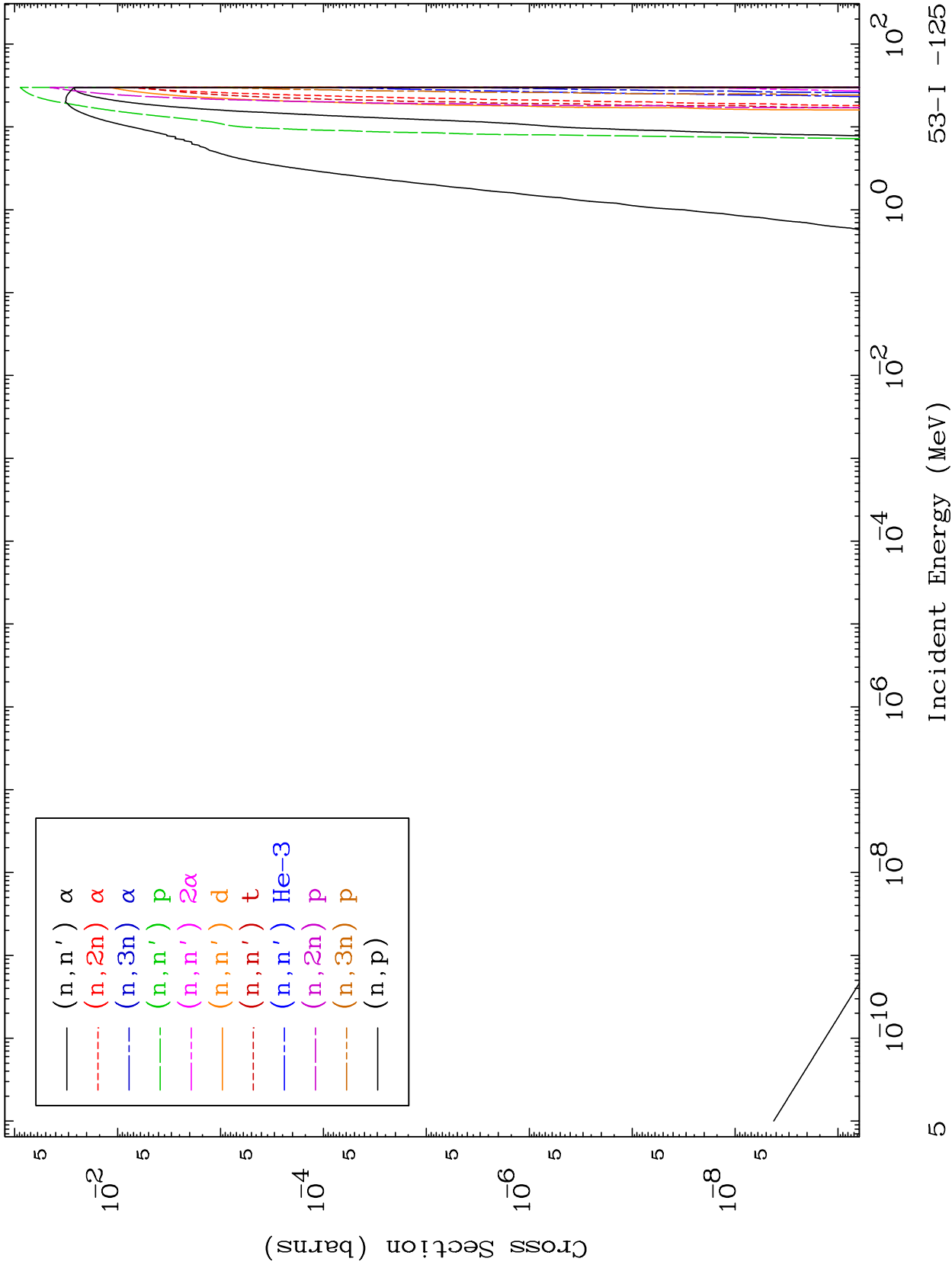


MAT 5319

Neutron Absorption
293 Kelvin Cross Sections

53-I -125

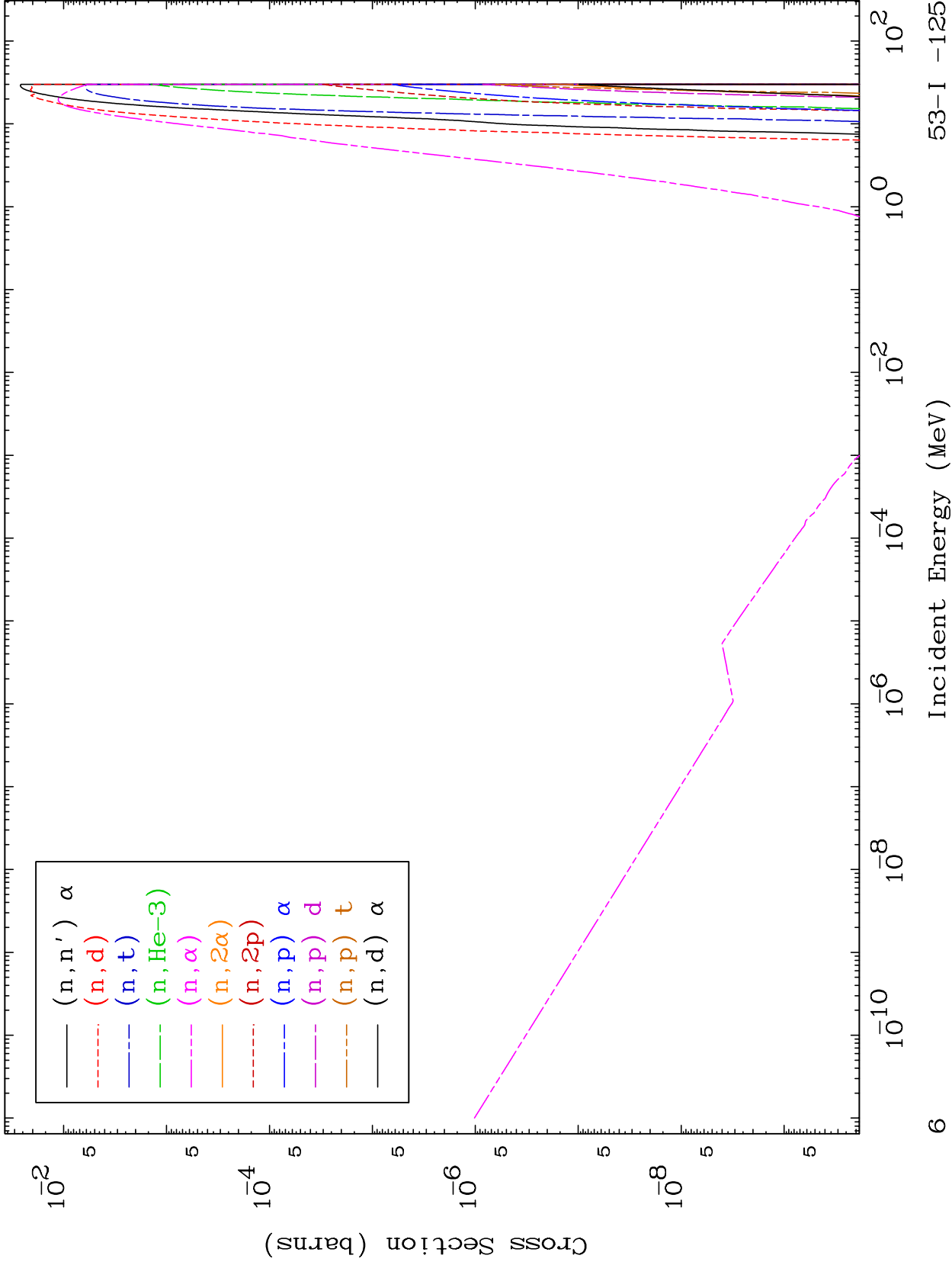




MAT 5319

Charged Particle
293 Kelvin Cross Sections

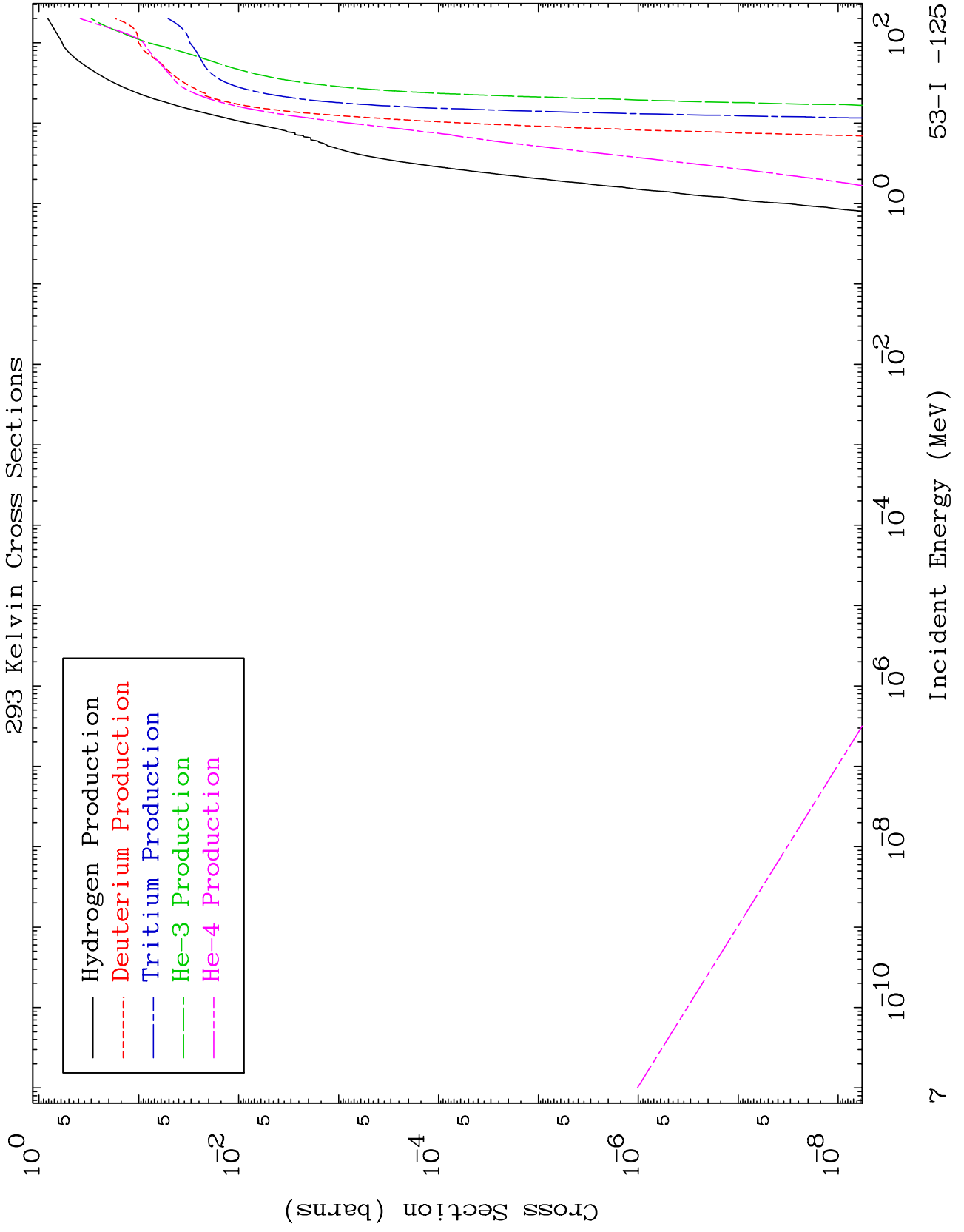
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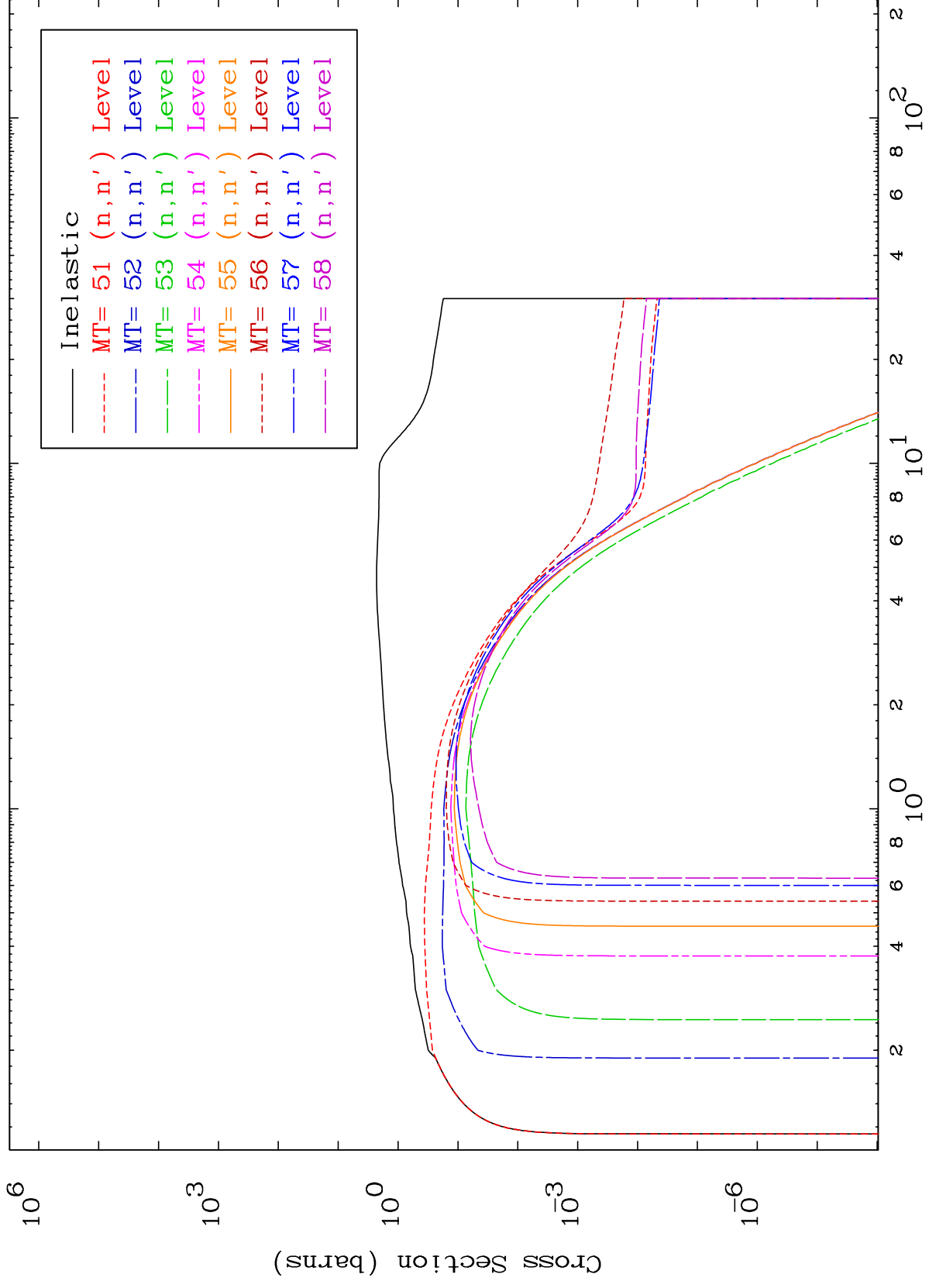


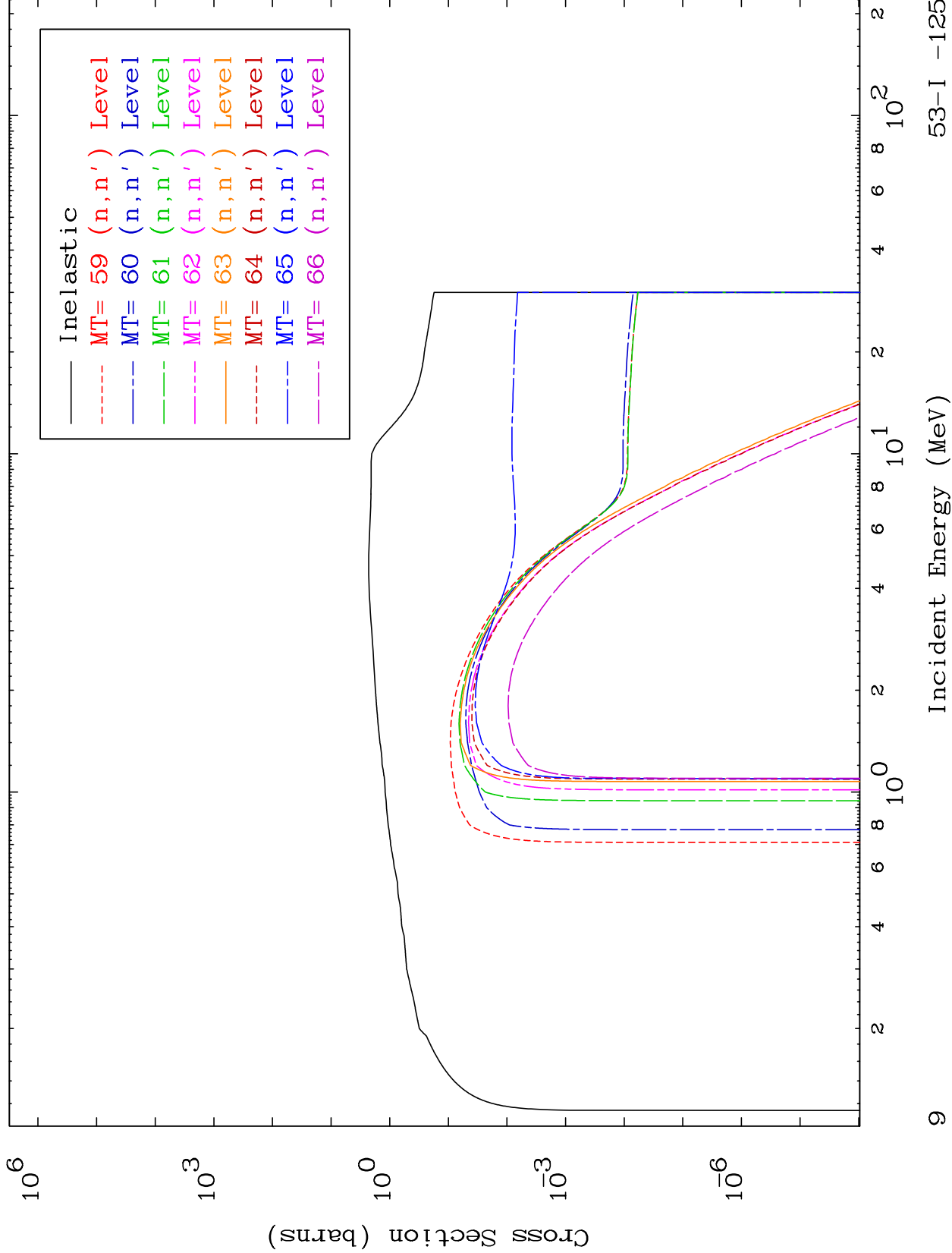
MAT 5319

Particle Production
293 Kelvin Cross Sections

53-I -125





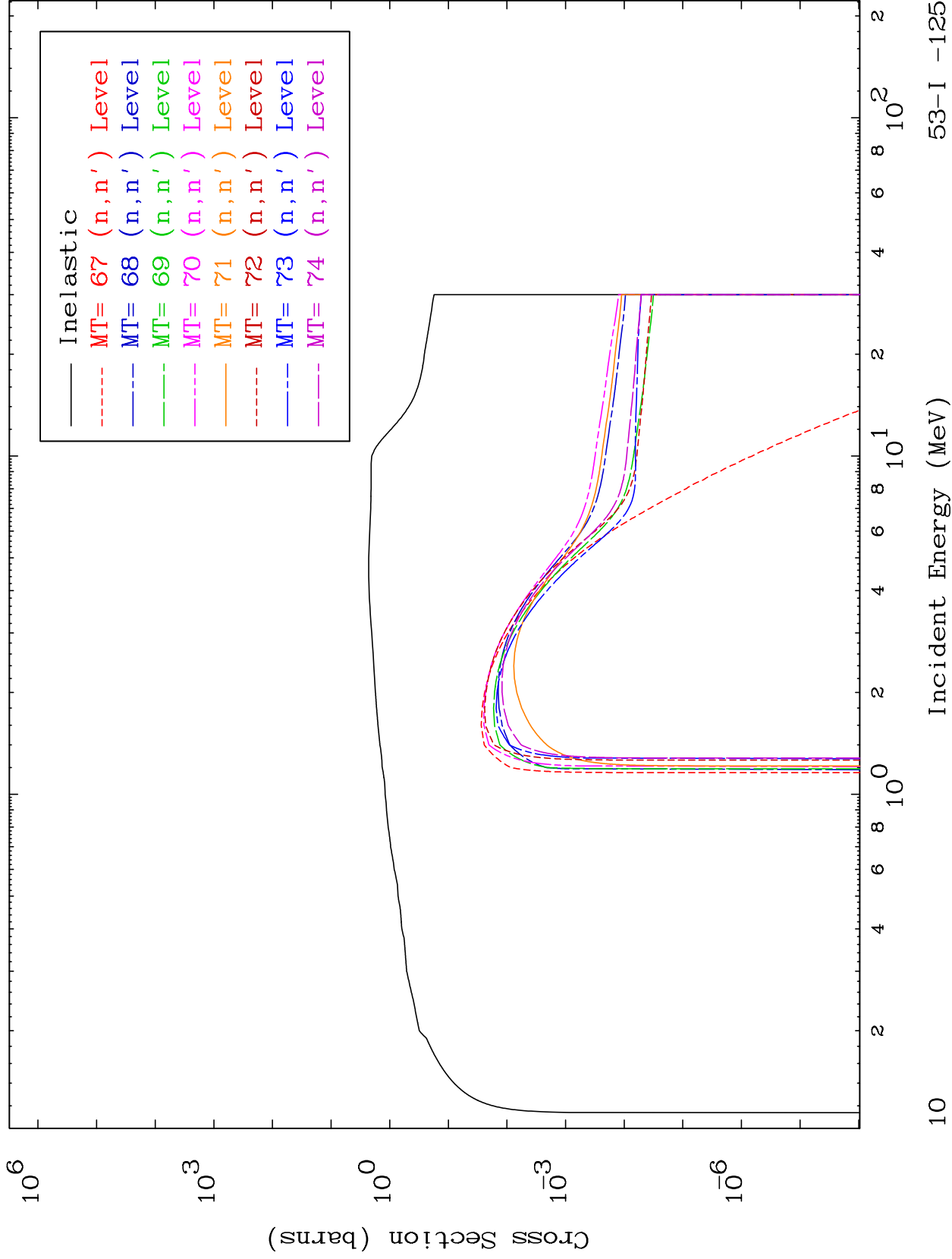


MAT 5319

(n,n') Levels

53-I -125

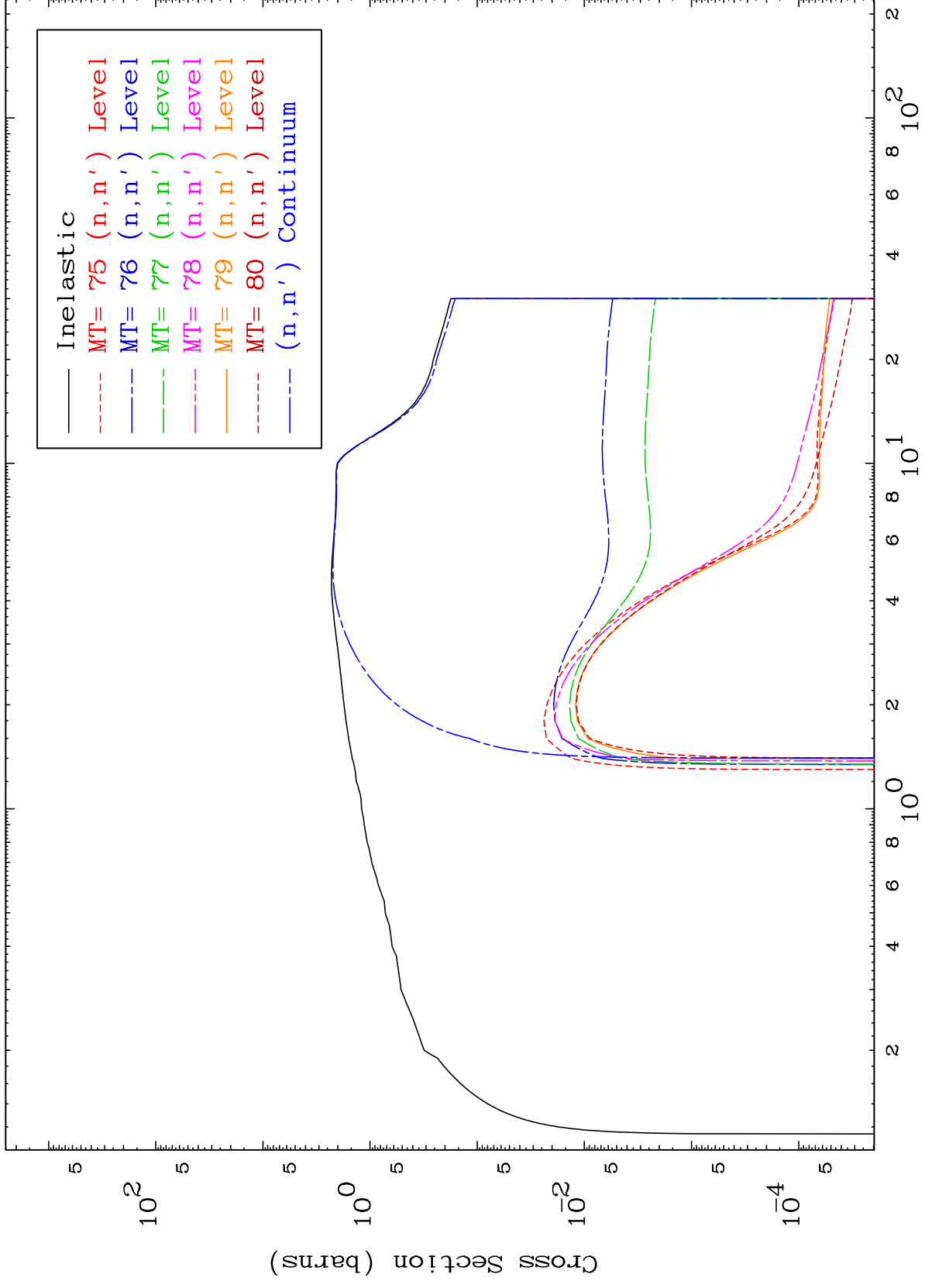
293 Kelvin Cross Sections



10

Incident Energy (MeV)

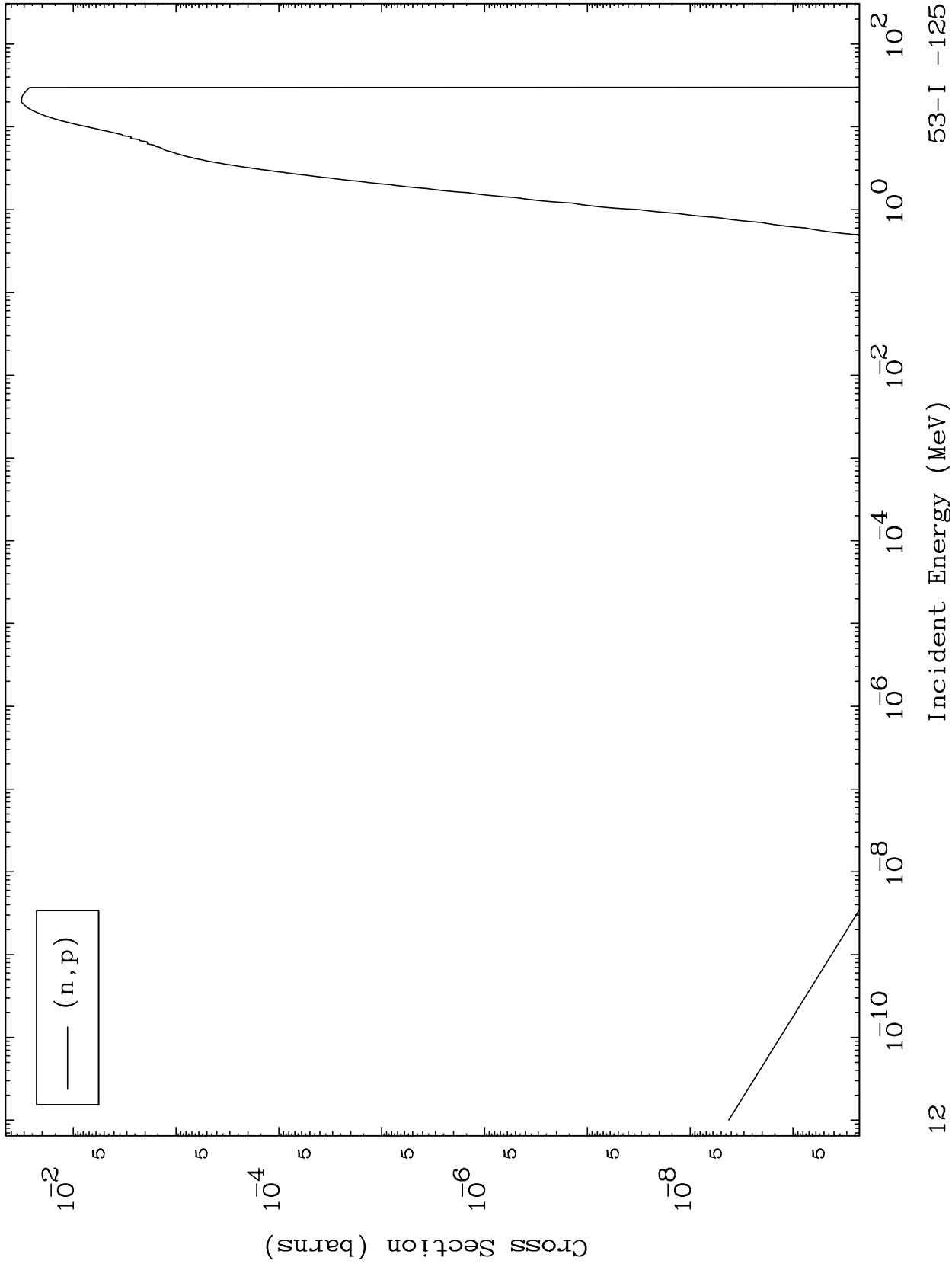
53-I -125



MAT 5319

(n,p) Levels
293 Kelvin Cross Sections

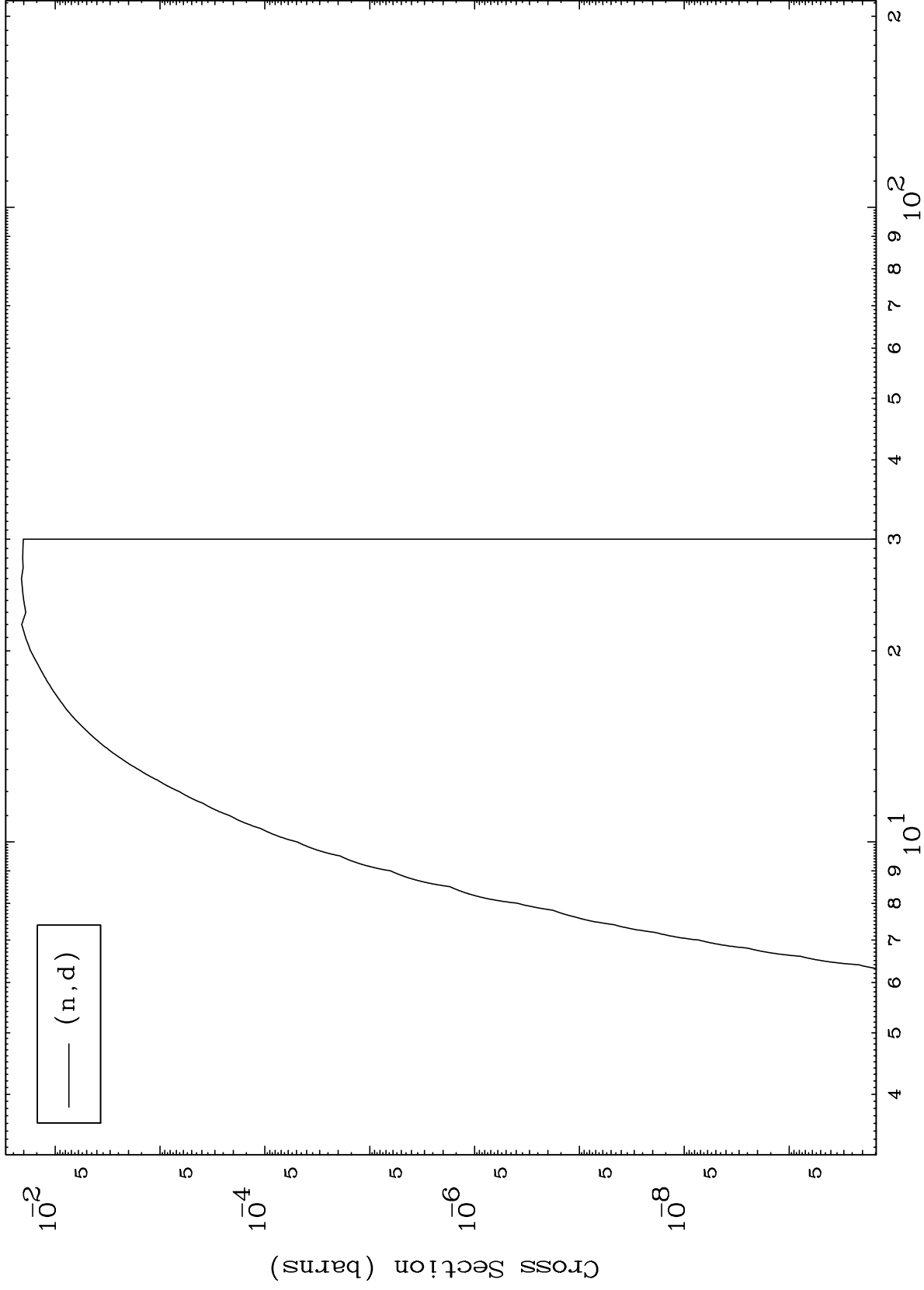
53-I -125



MAT 5319

(n,d) Levels
293 Kelvin Cross Sections

53-I -125



13

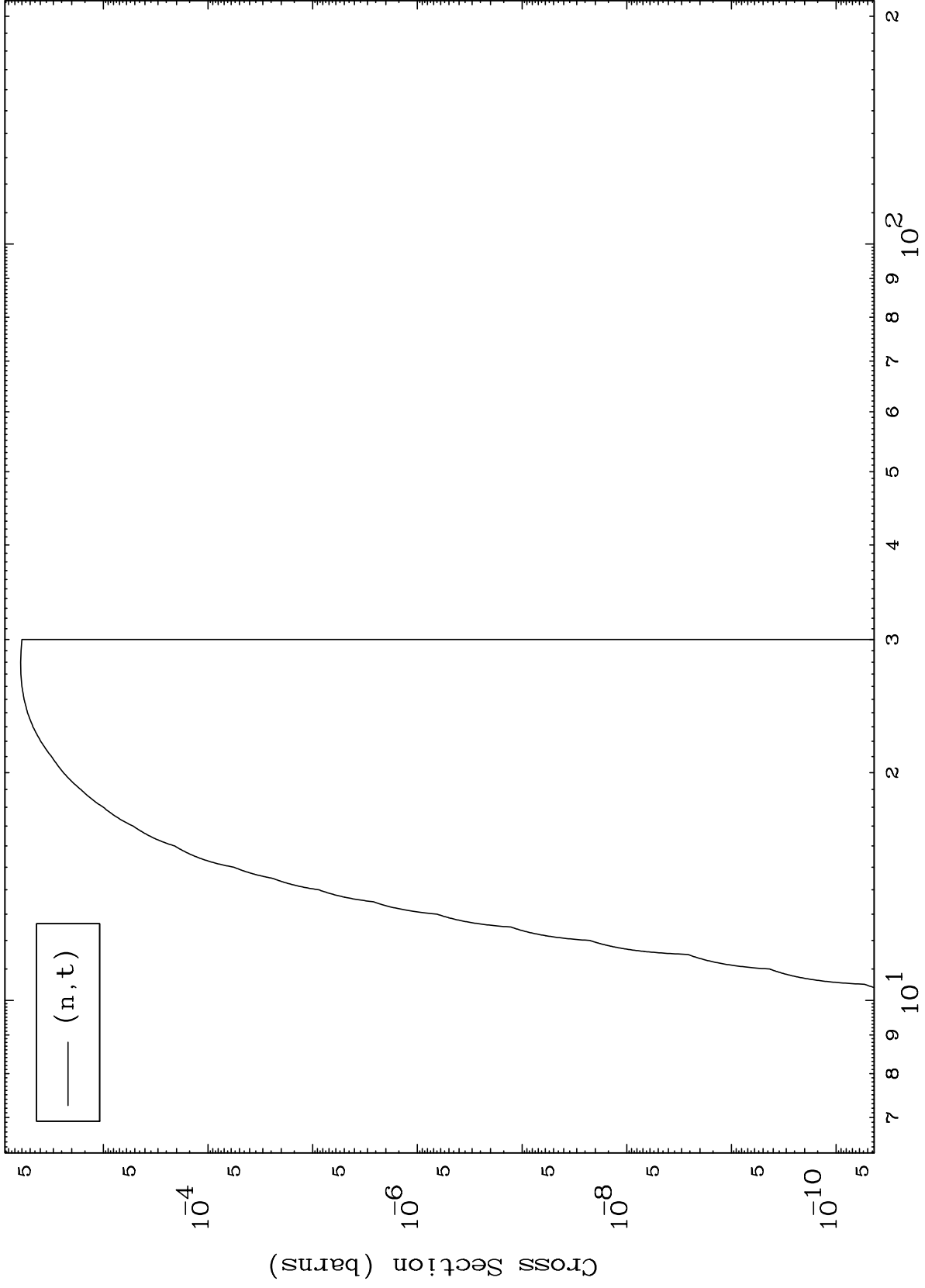
Incident Energy (MeV)

53-I -125

MAT 5319

(n,t) Levels
293 Kelvin Cross Sections

53-I -125



14

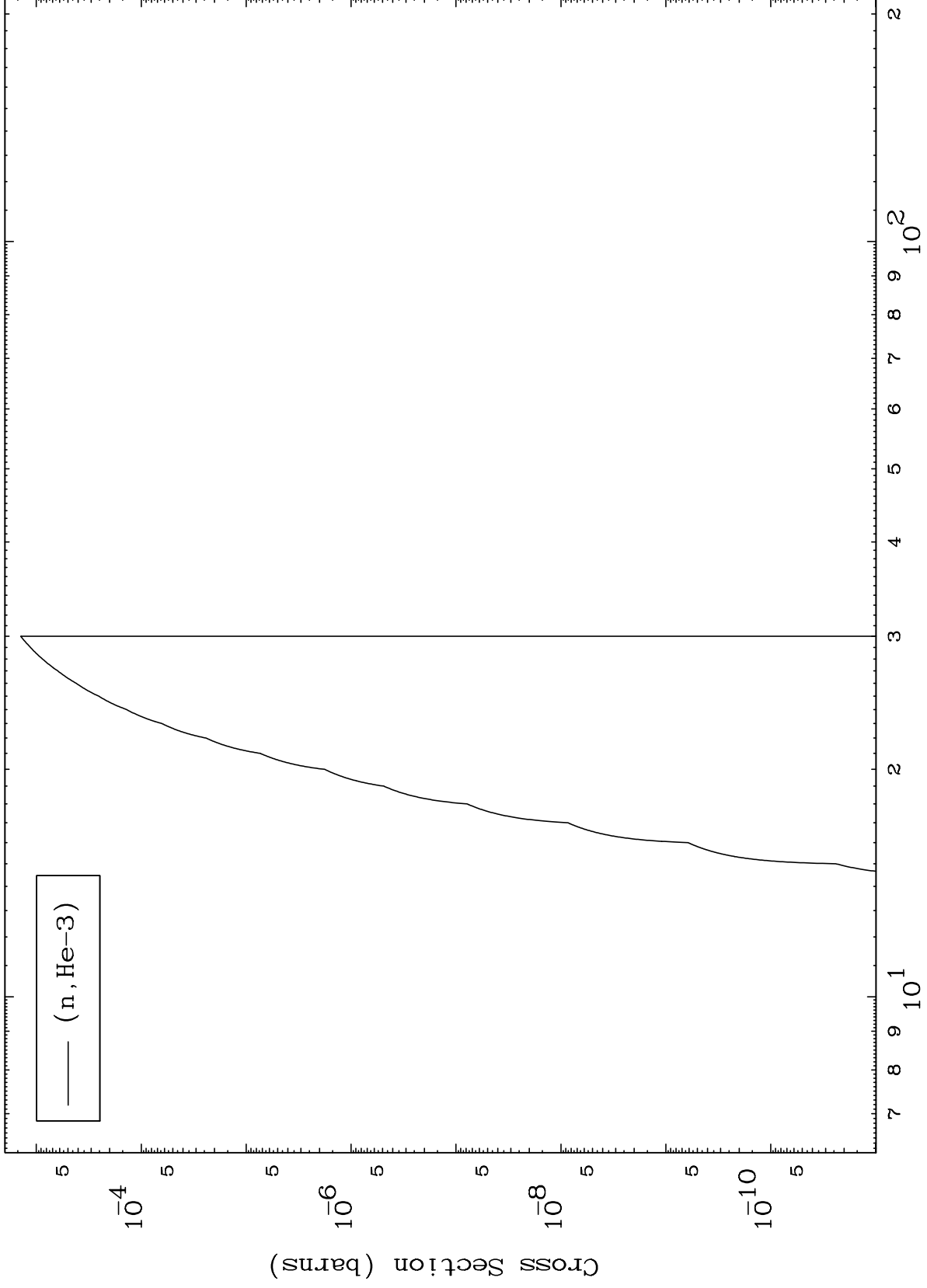
Incident Energy (MeV)

53-I -125

MAT 5319

(n,He3) Levels
293 Kelvin Cross Sections

53-I -125



15

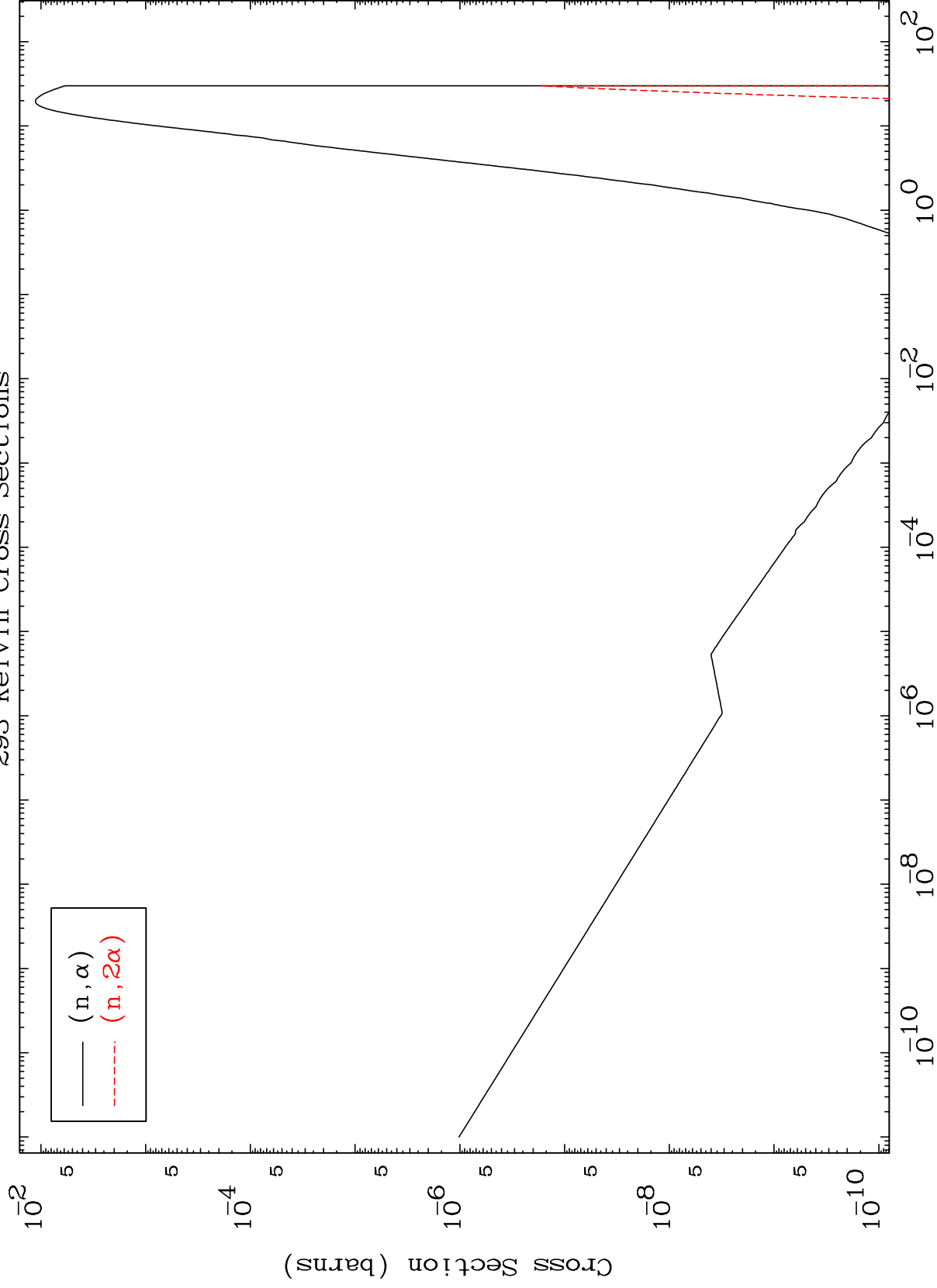
Incident Energy (MeV)

53-I -125

MAT 5319

(n, α) Levels
293 Kelvin Cross Sections

53-I -125



16

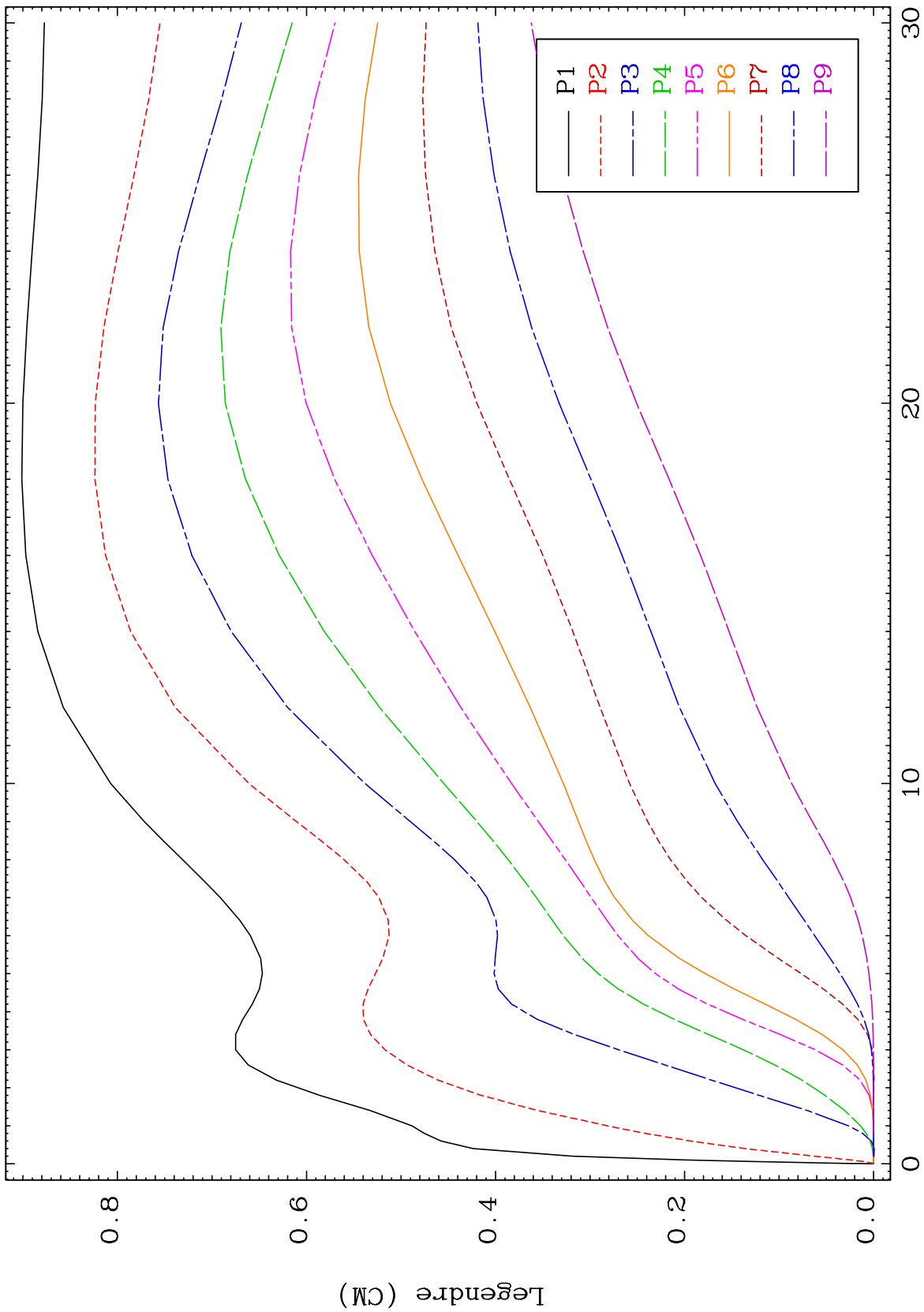
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic Legendre Coefficients

53-I -125



17

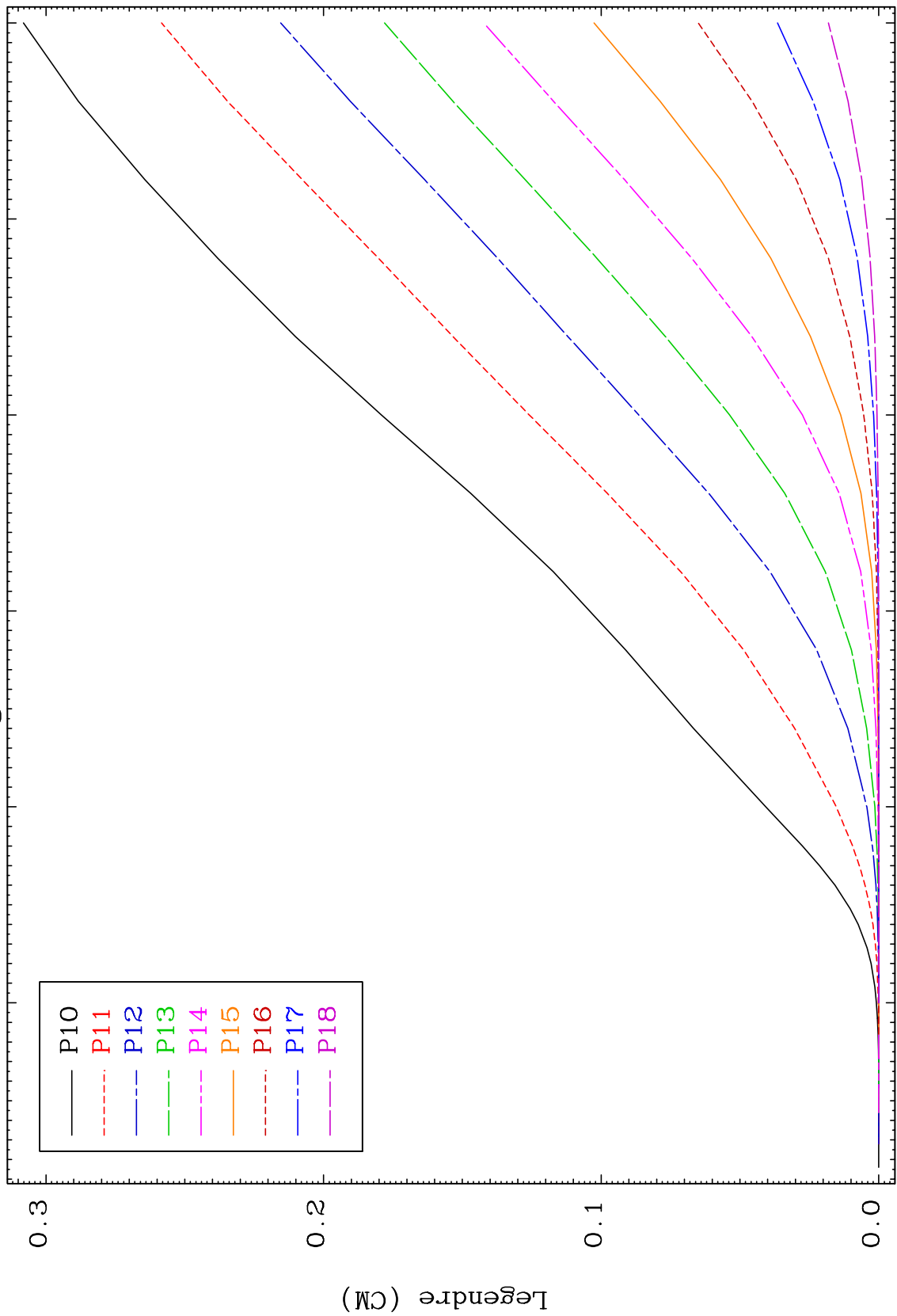
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic Legendre Coefficients

53-I -125



18

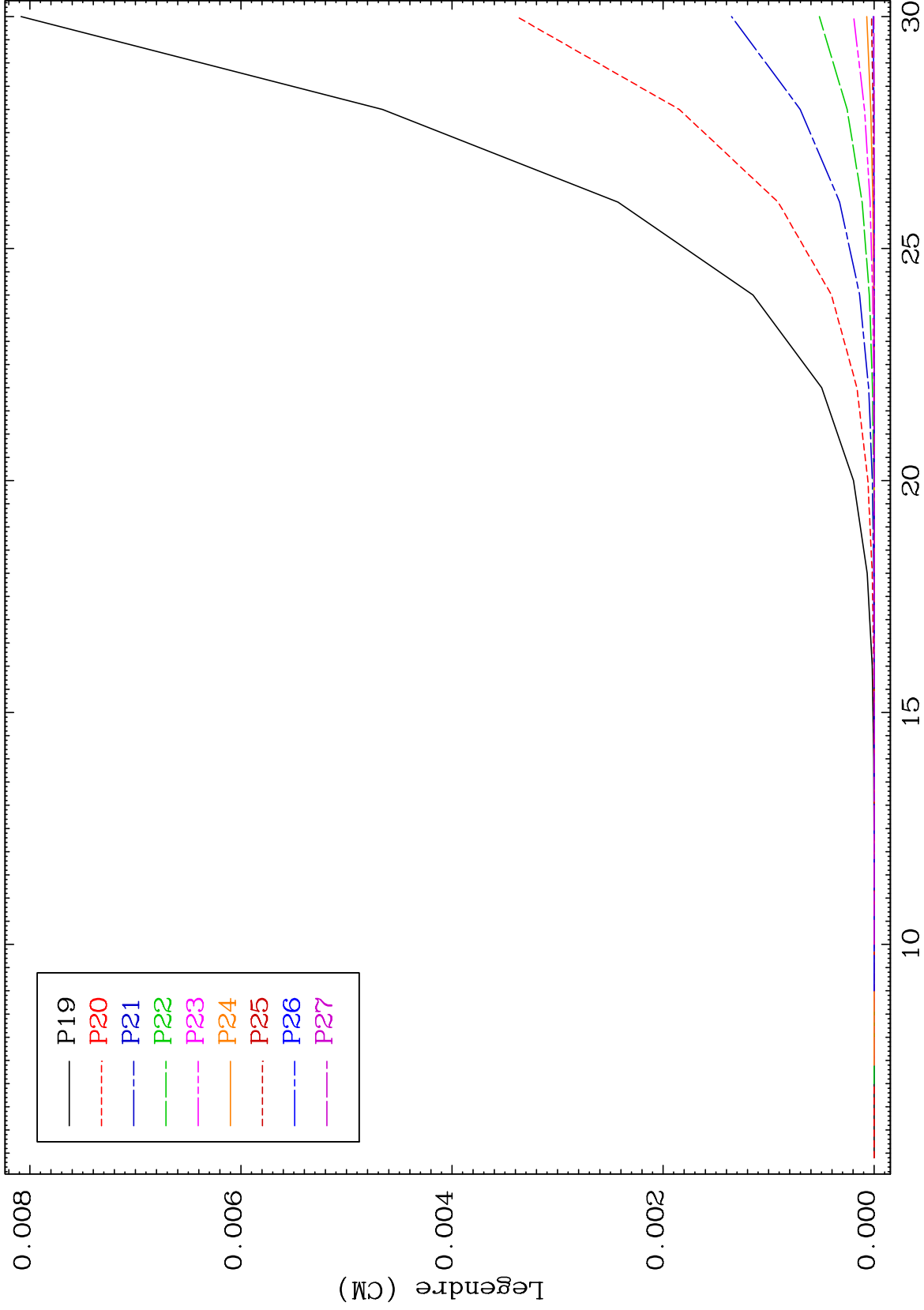
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic Legendre Coefficients

53-I -125



19

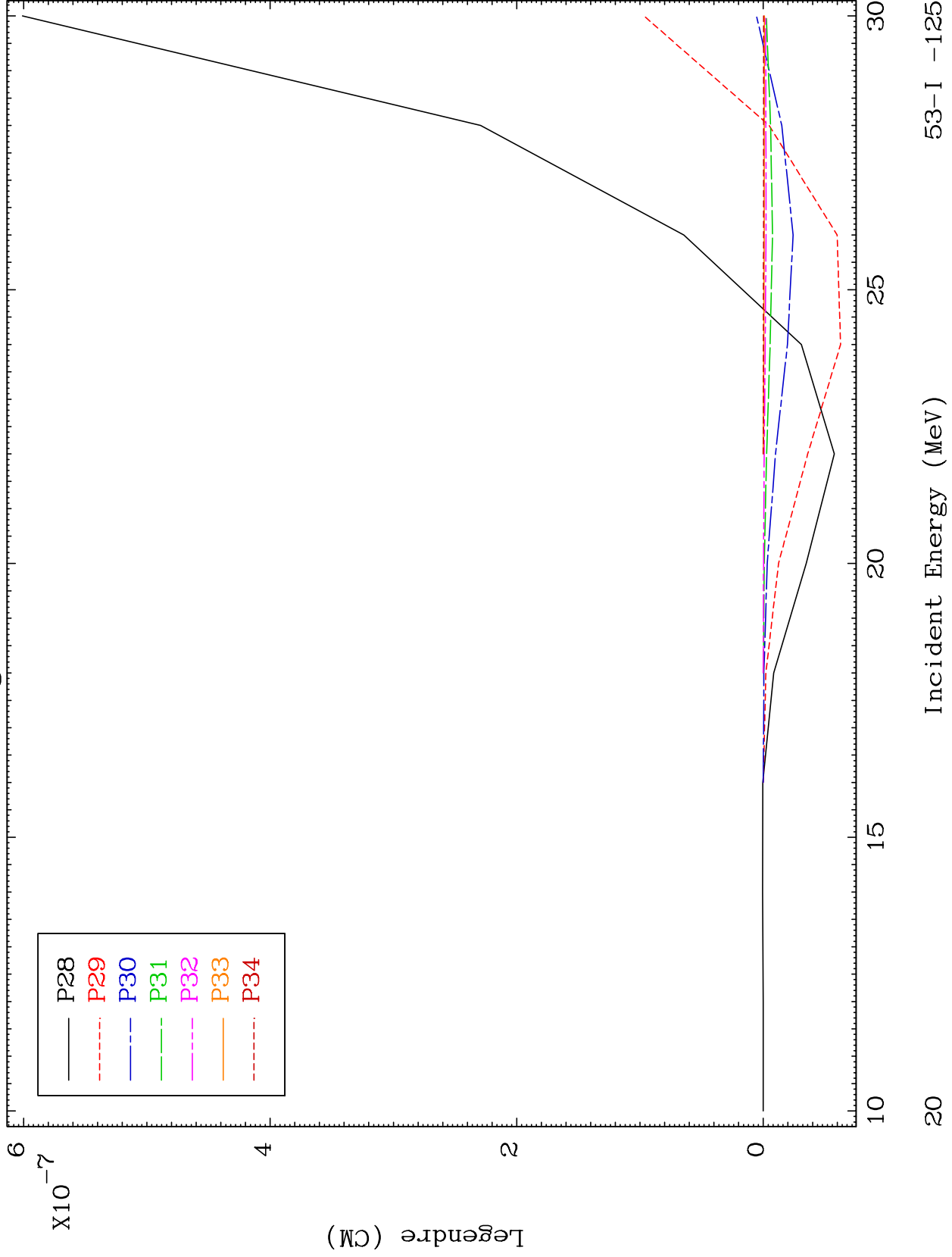
Incident Energy (MeV)

53-I -125

MAT 5319

Elastic Legendre Coefficients

53-I -125



20

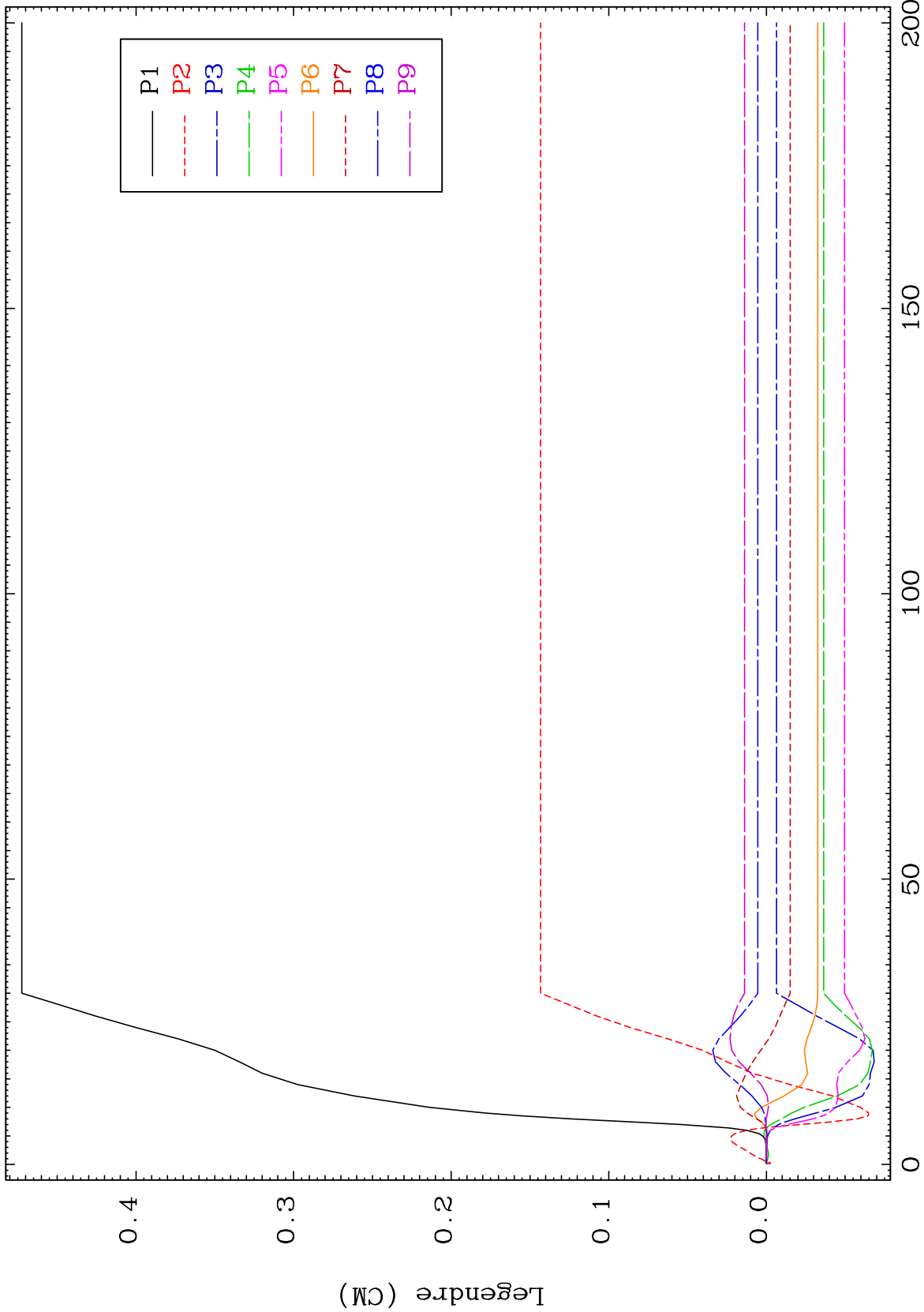
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



21

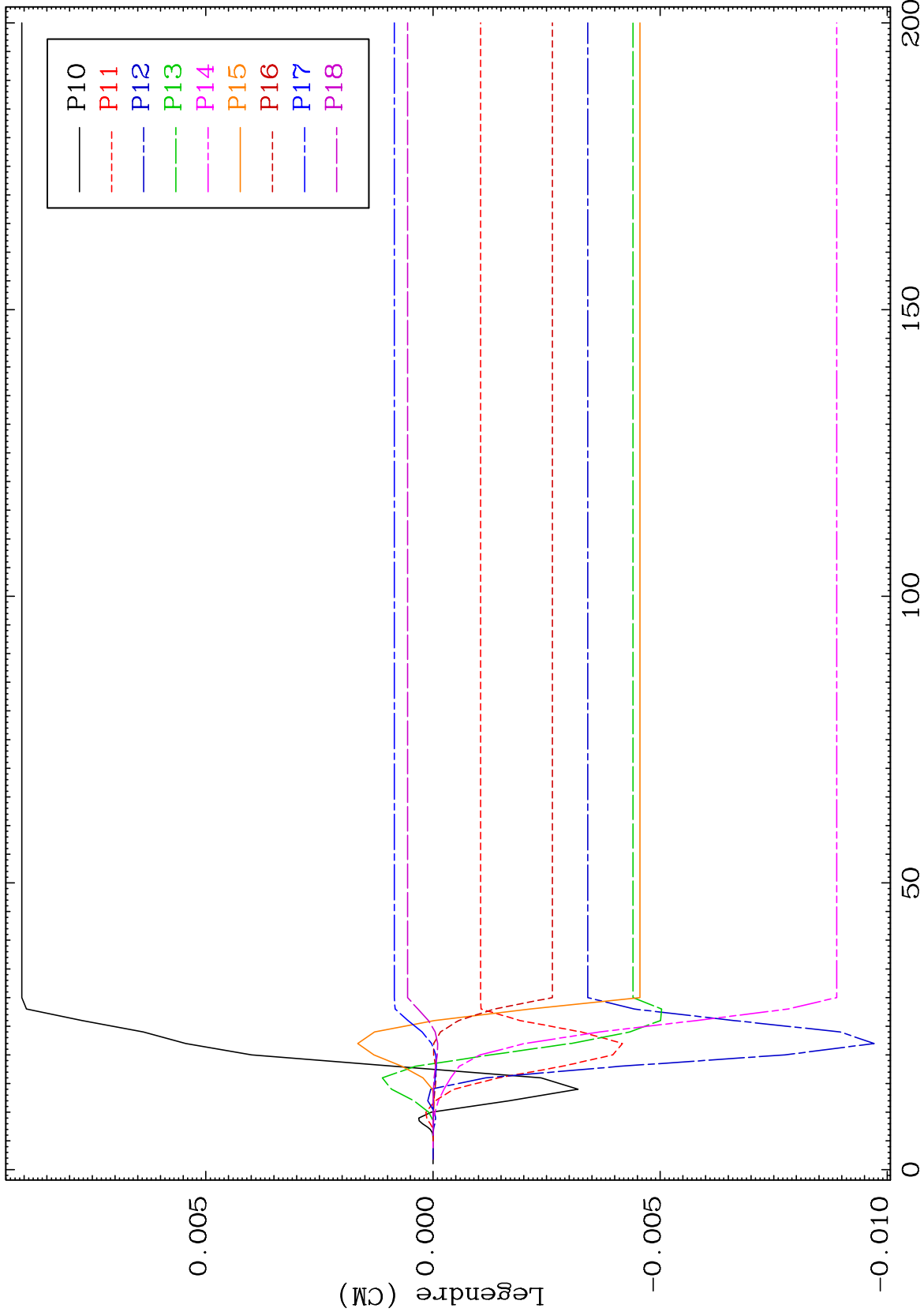
Incident Energy (MeV)

53-I -125

MAT 5319

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

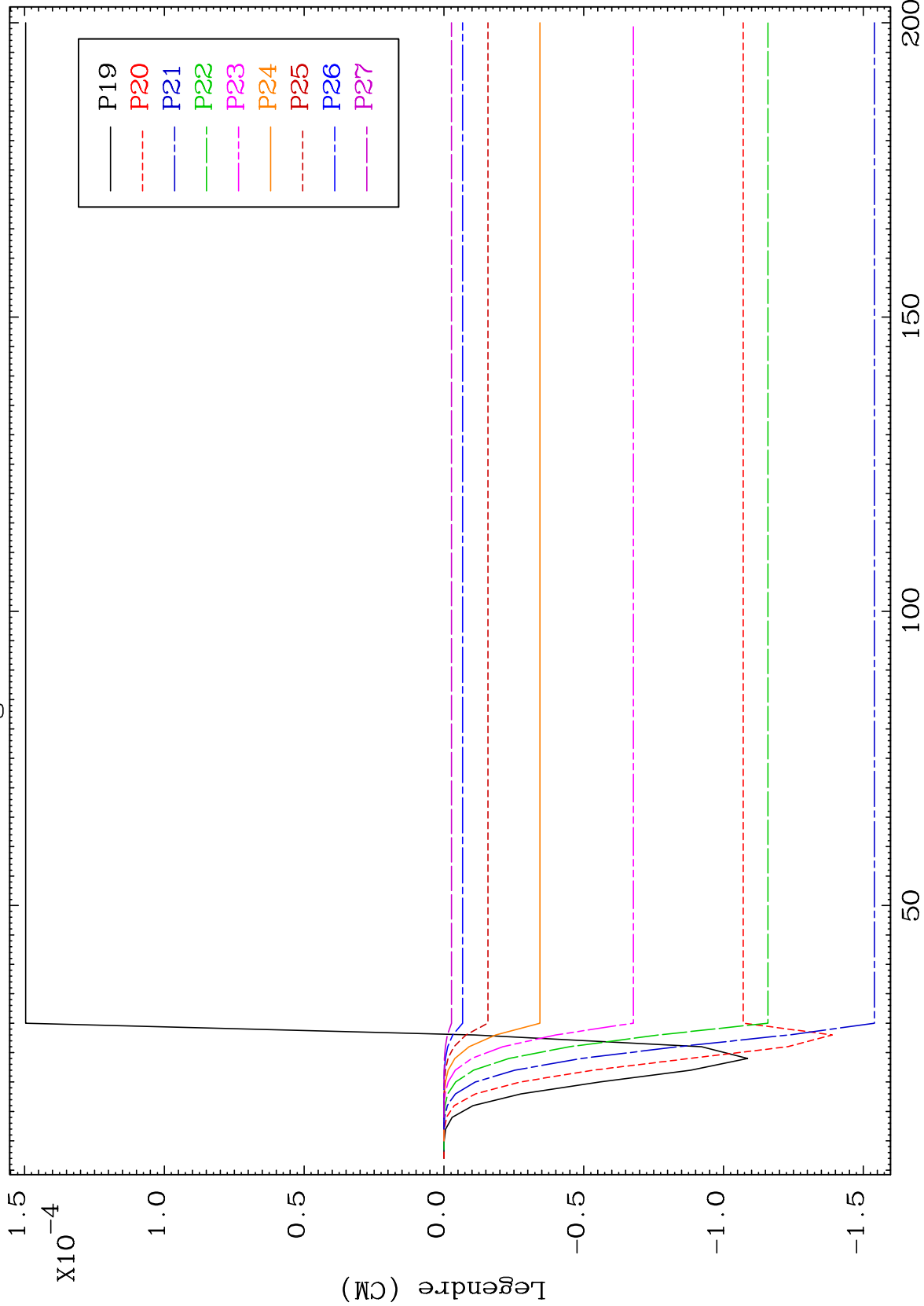
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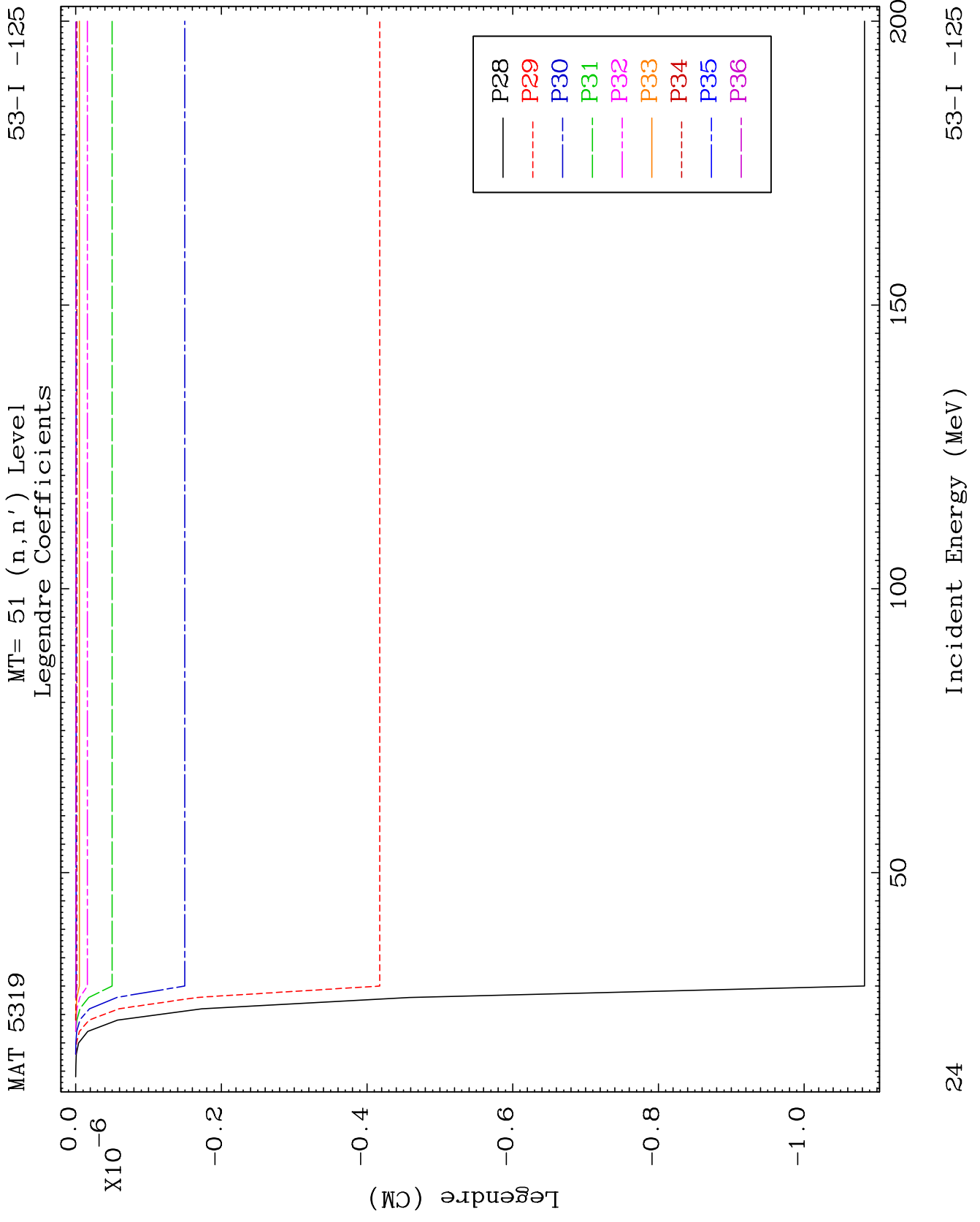


22

Incident Energy (MeV)

53-I -125

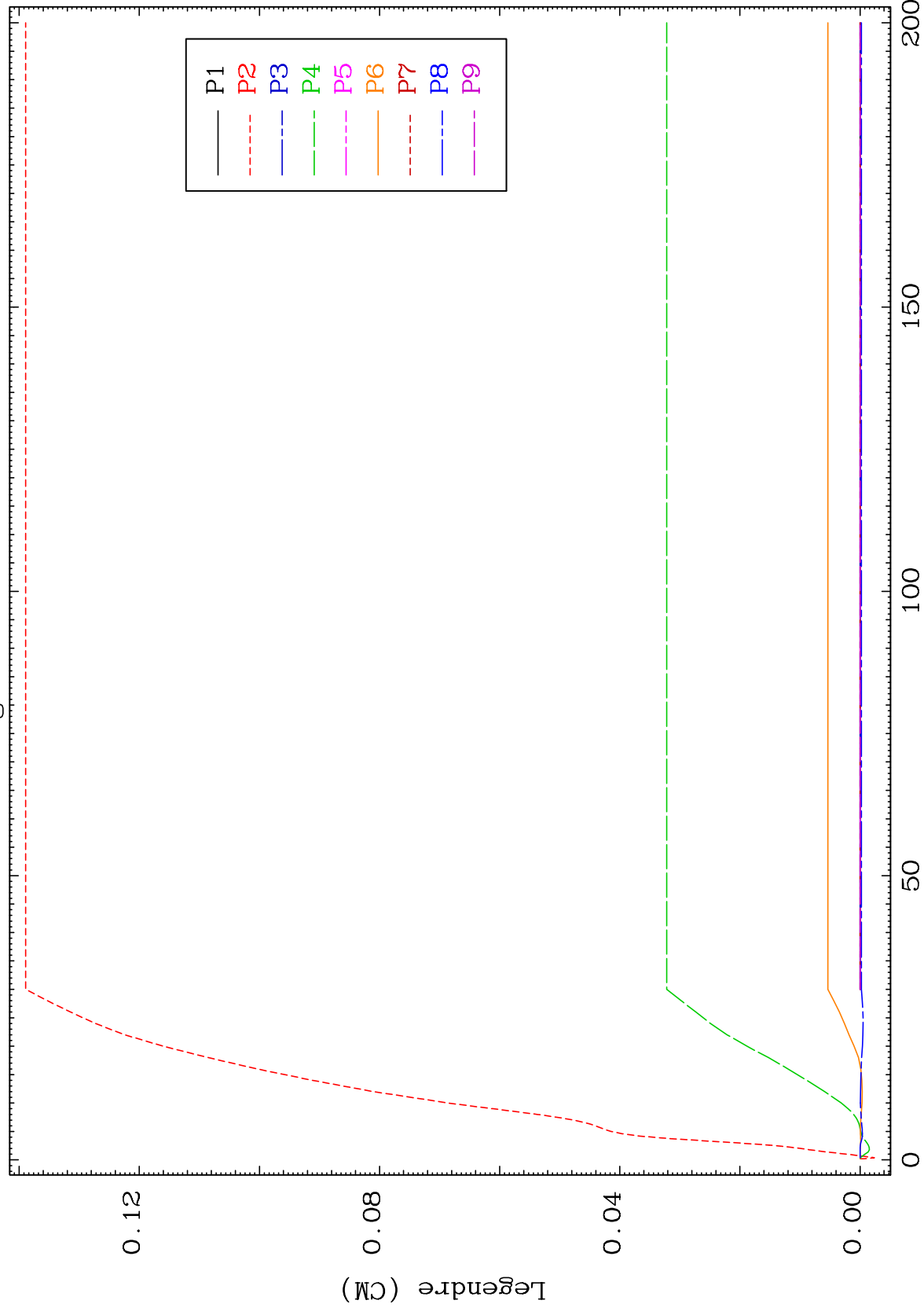




MAT 5319

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

53-I -125



53-I -125

Incident Energy (MeV)

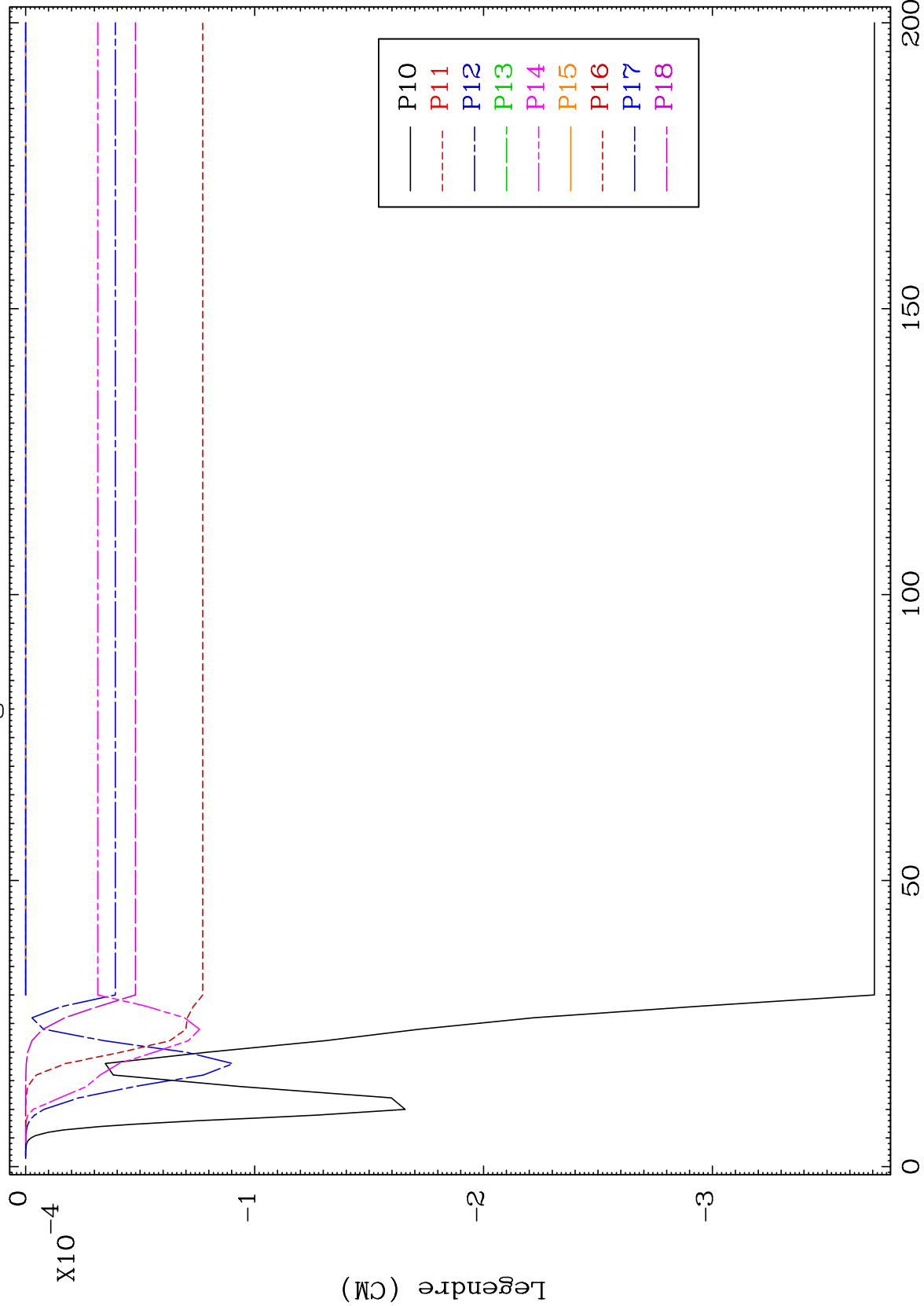
25

MAT 5319

MT= 52 (n,n') Level

53-I -125

Legendre Coefficients



26

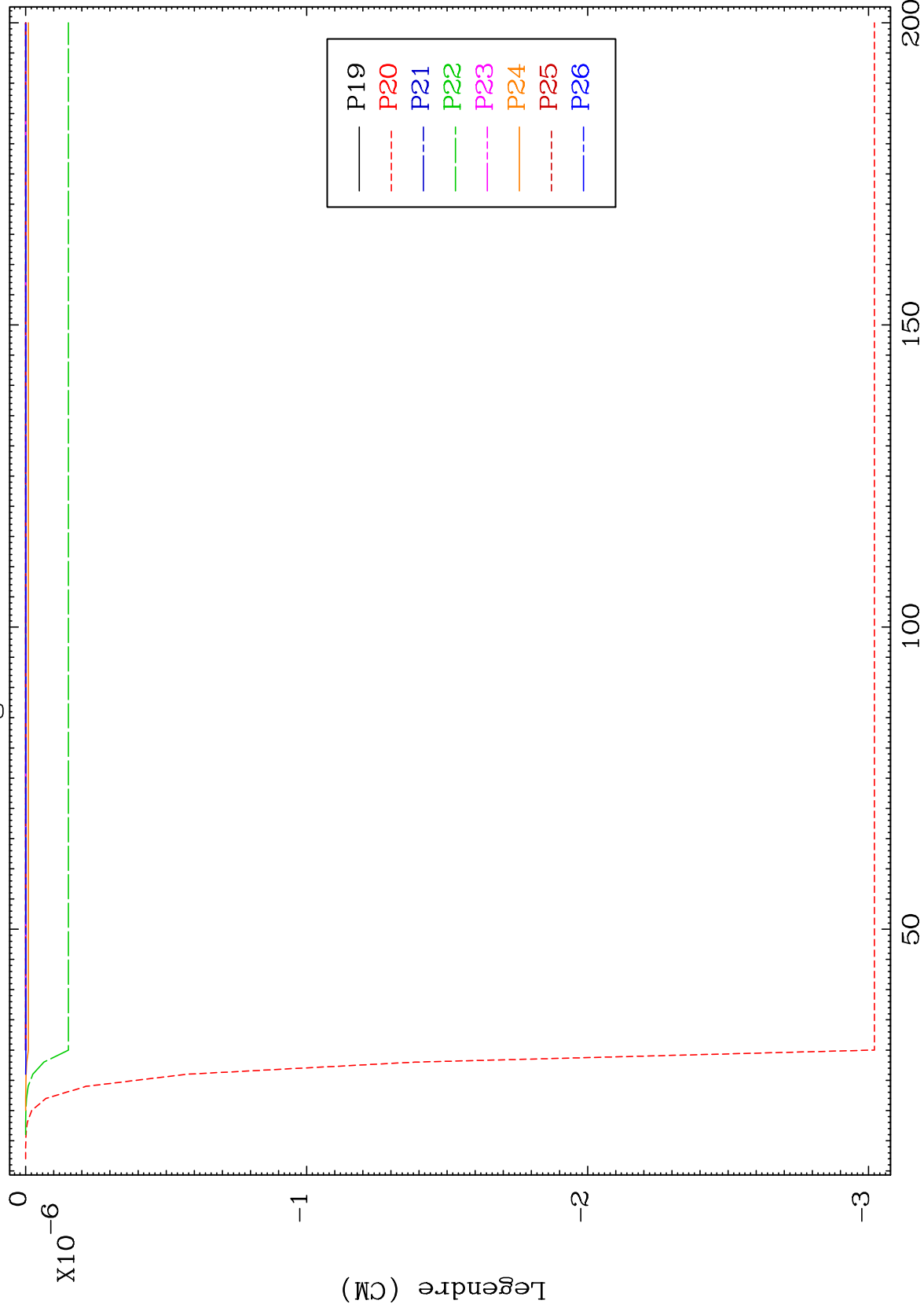
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



27

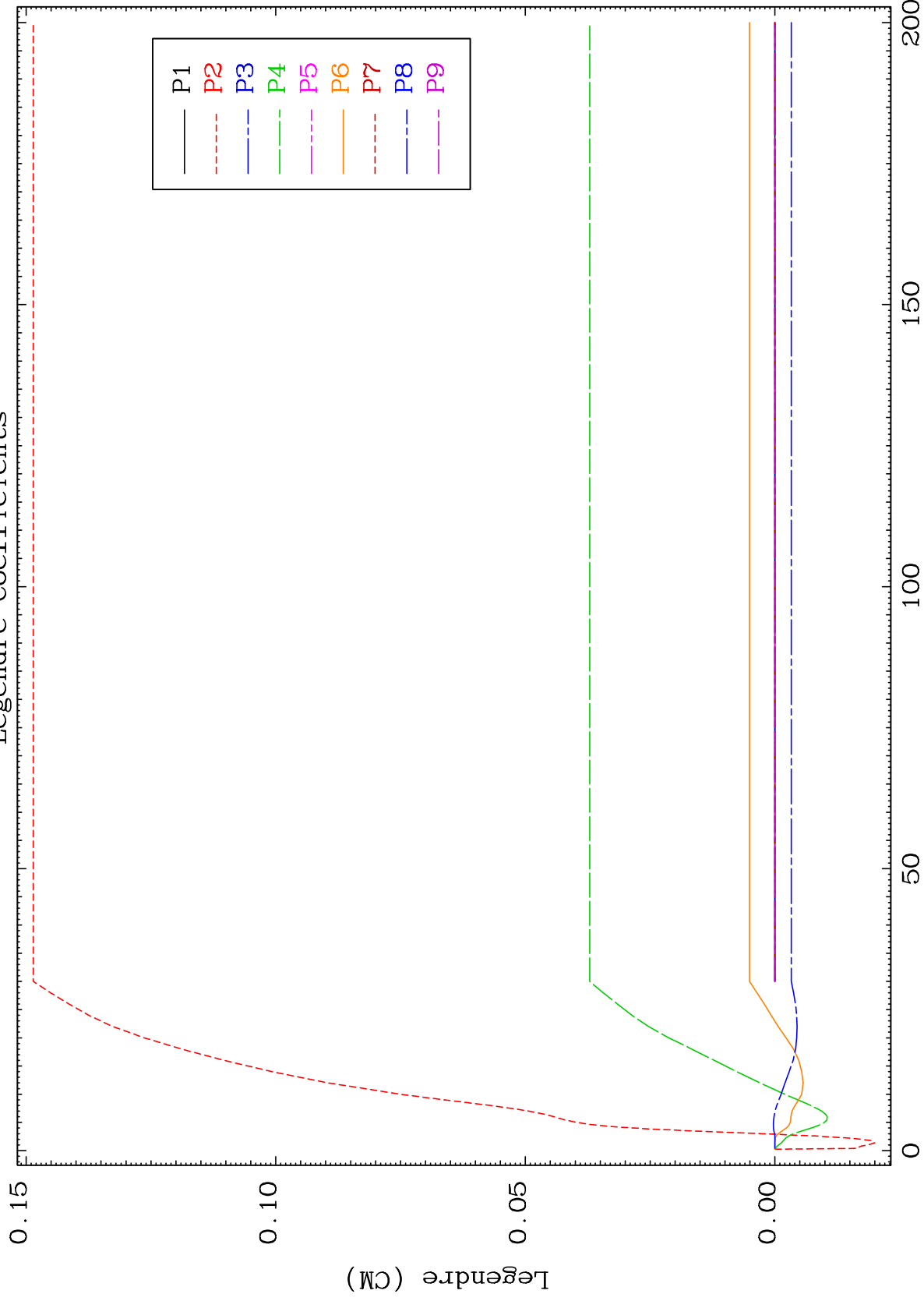
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



28

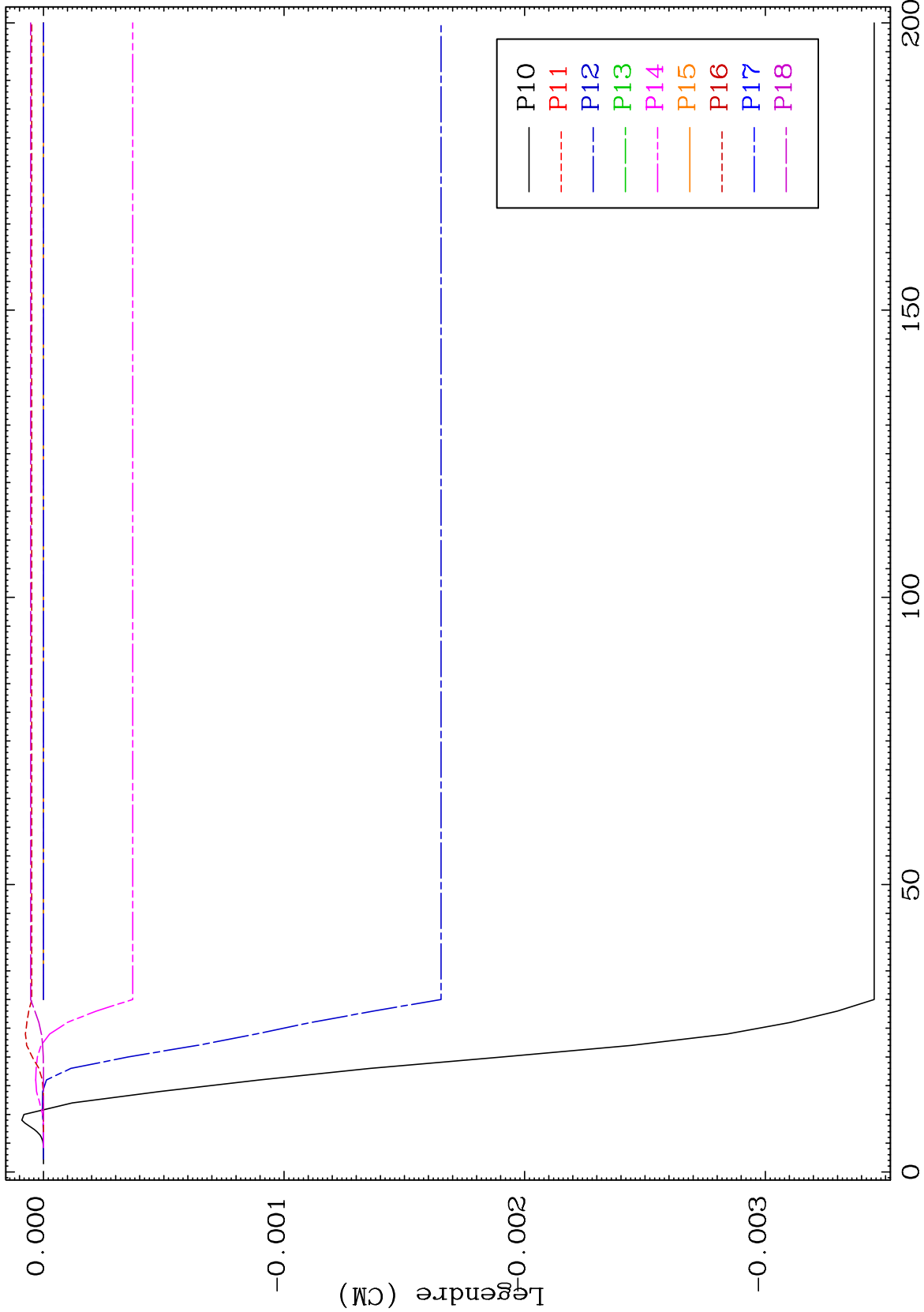
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



29

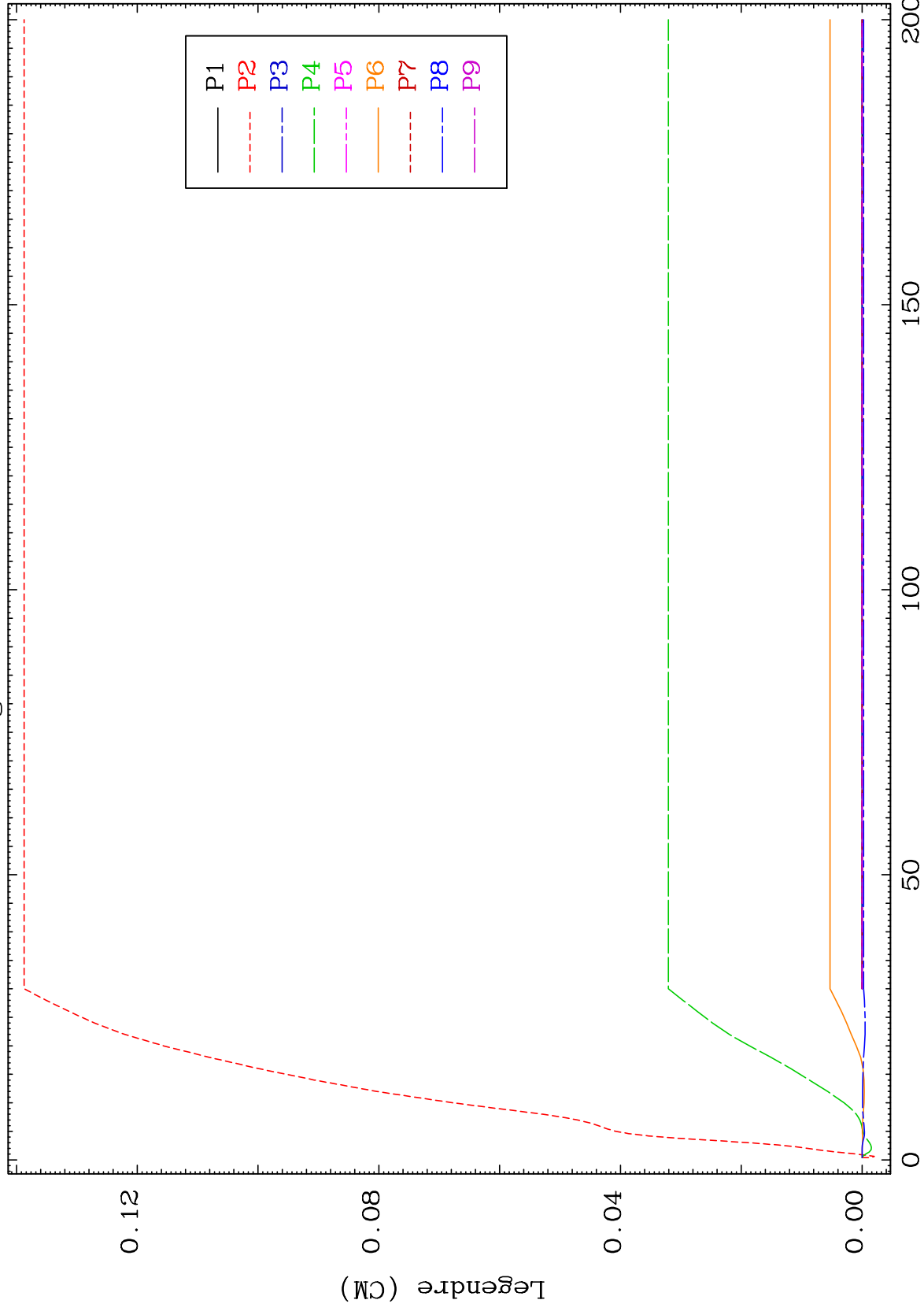
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



31

Incident Energy (MeV)

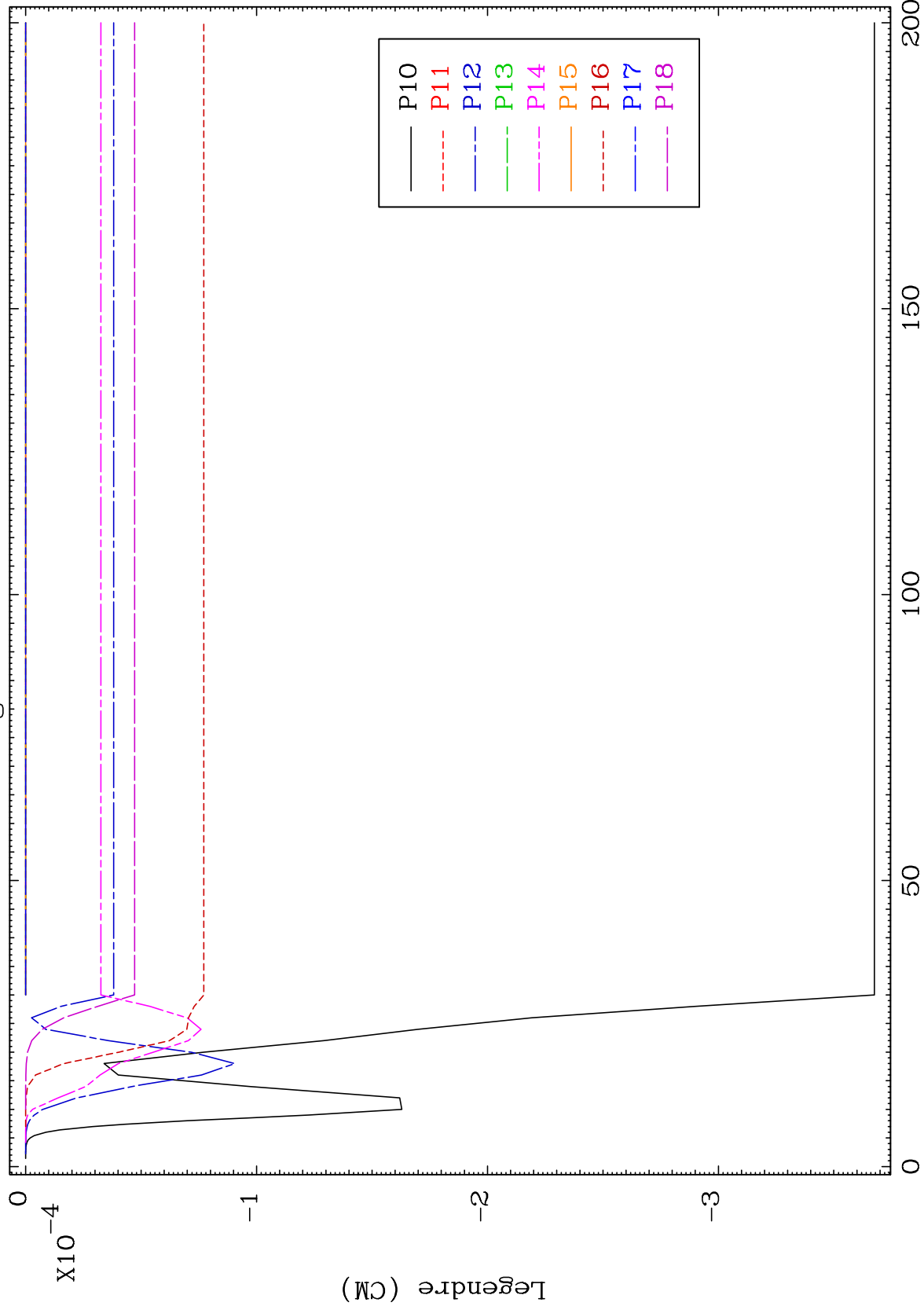
53-I -125

MAT 5319

MT= 54 (n,n') Level

53-I -125

Legendre Coefficients



53-I -125

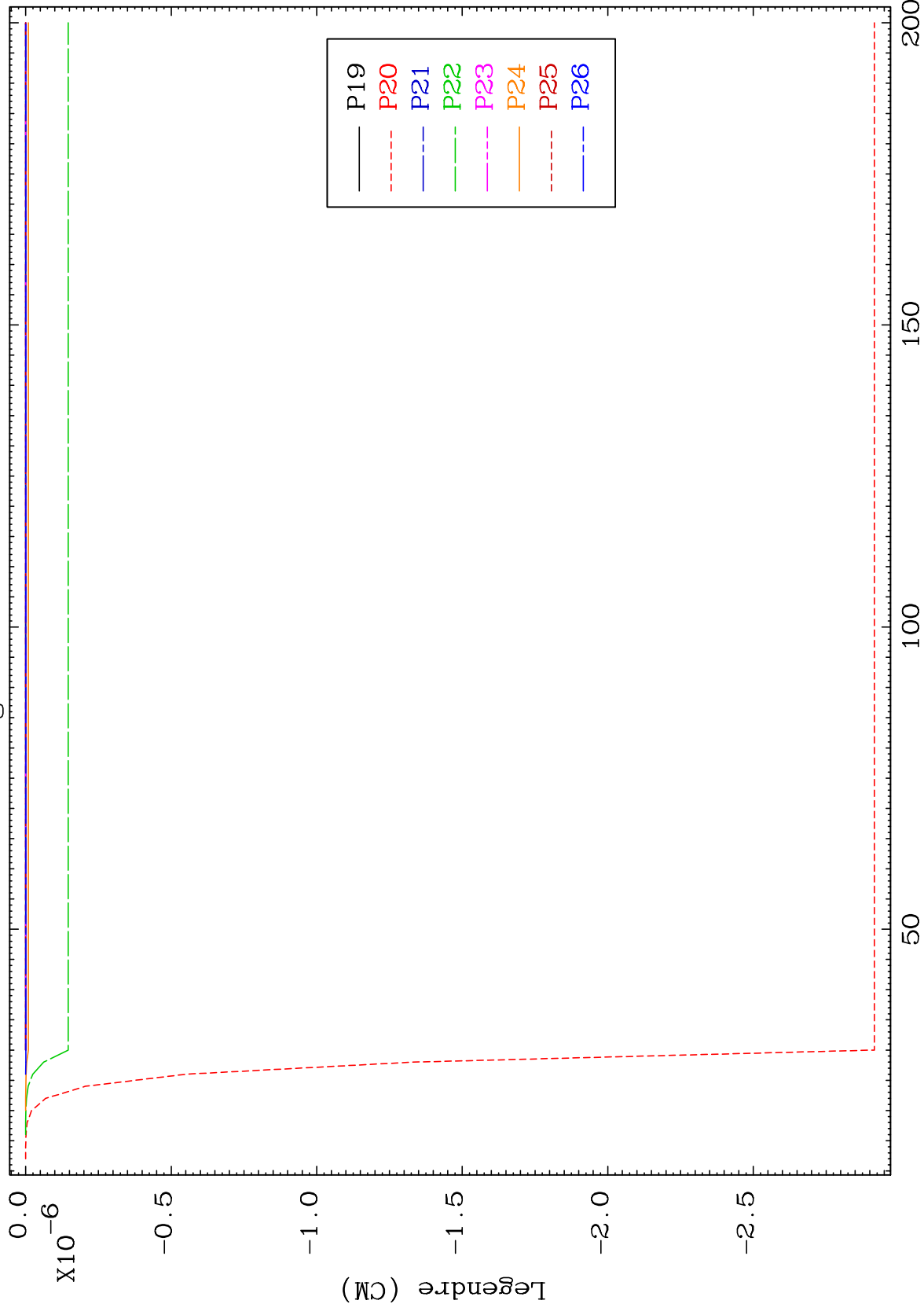
Incident Energy (MeV)

32

MAT 5319

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

53-I -125



33

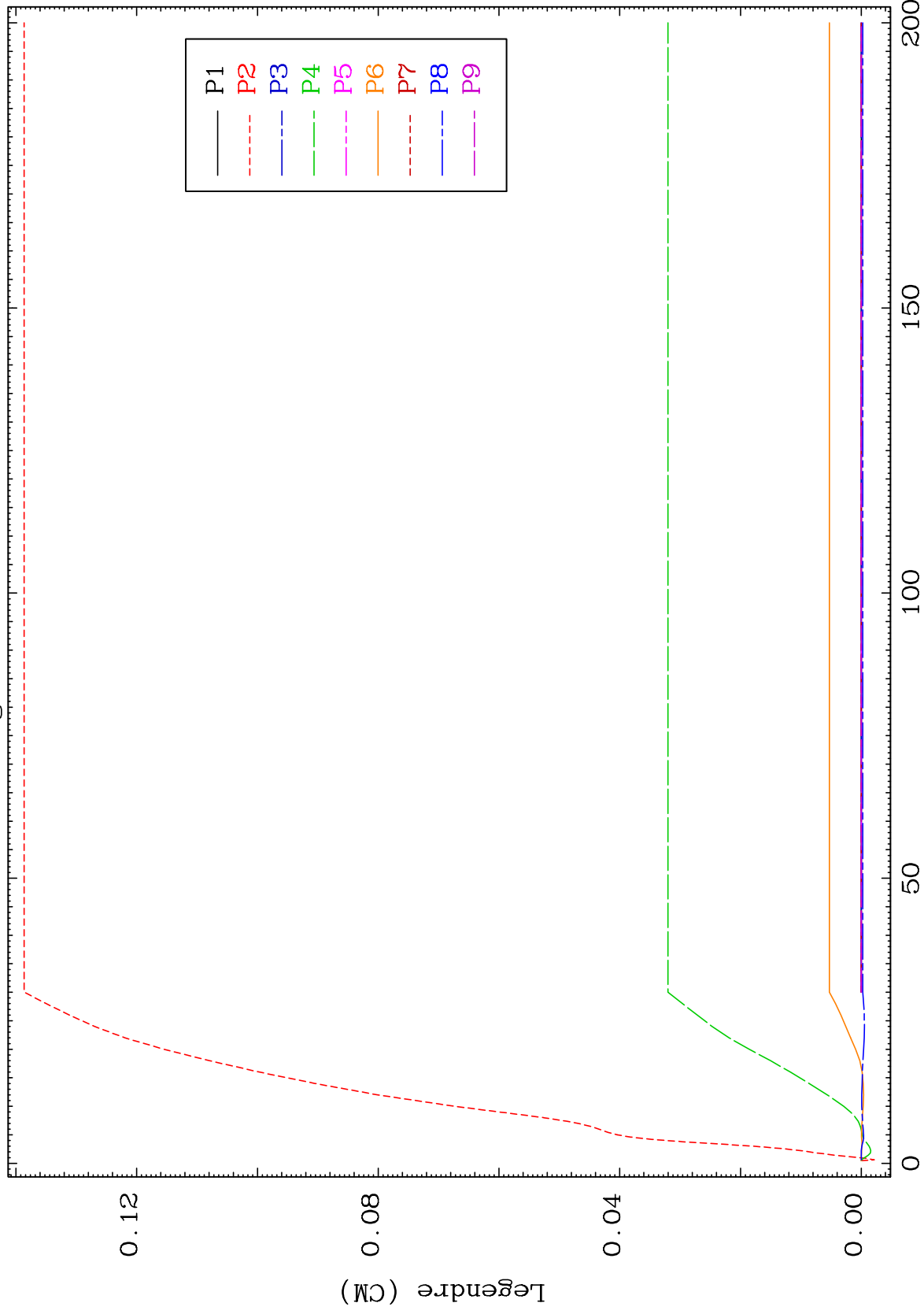
Incident Energy (MeV)

53-I -125

MAT 5319

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

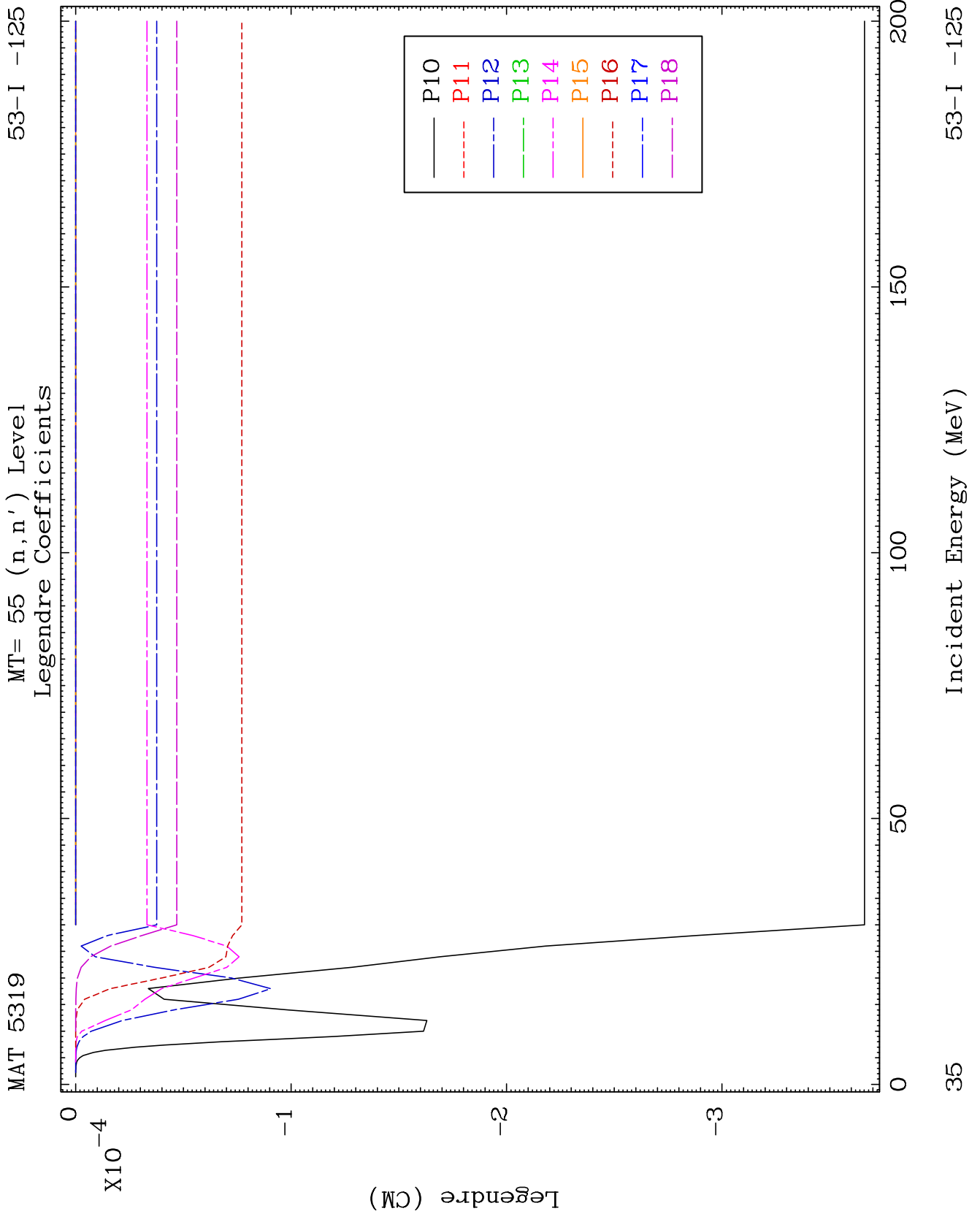
53-I -125



34

Incident Energy (MeV)

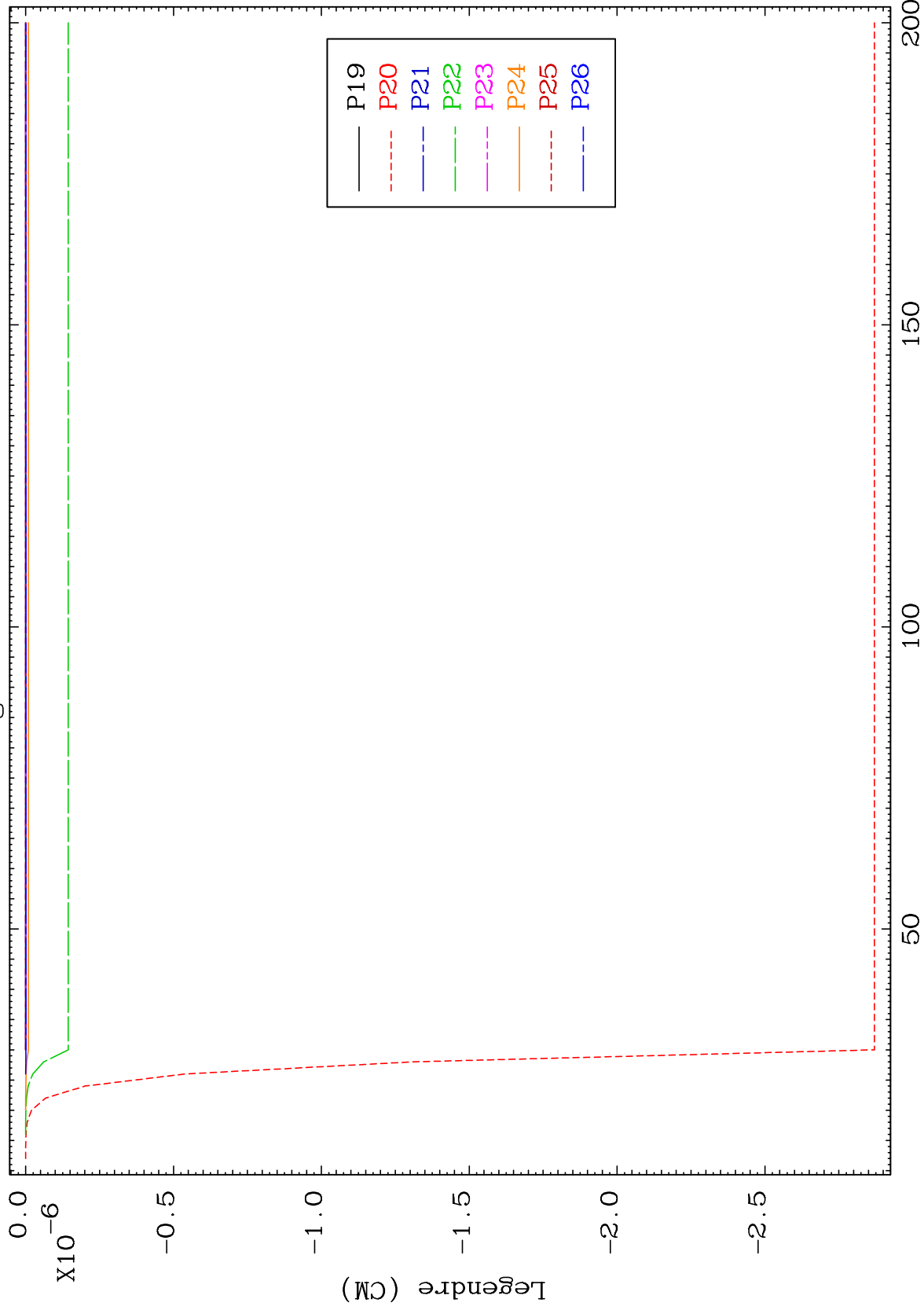
53-I -125



MAT 5319

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

53-I -125



36

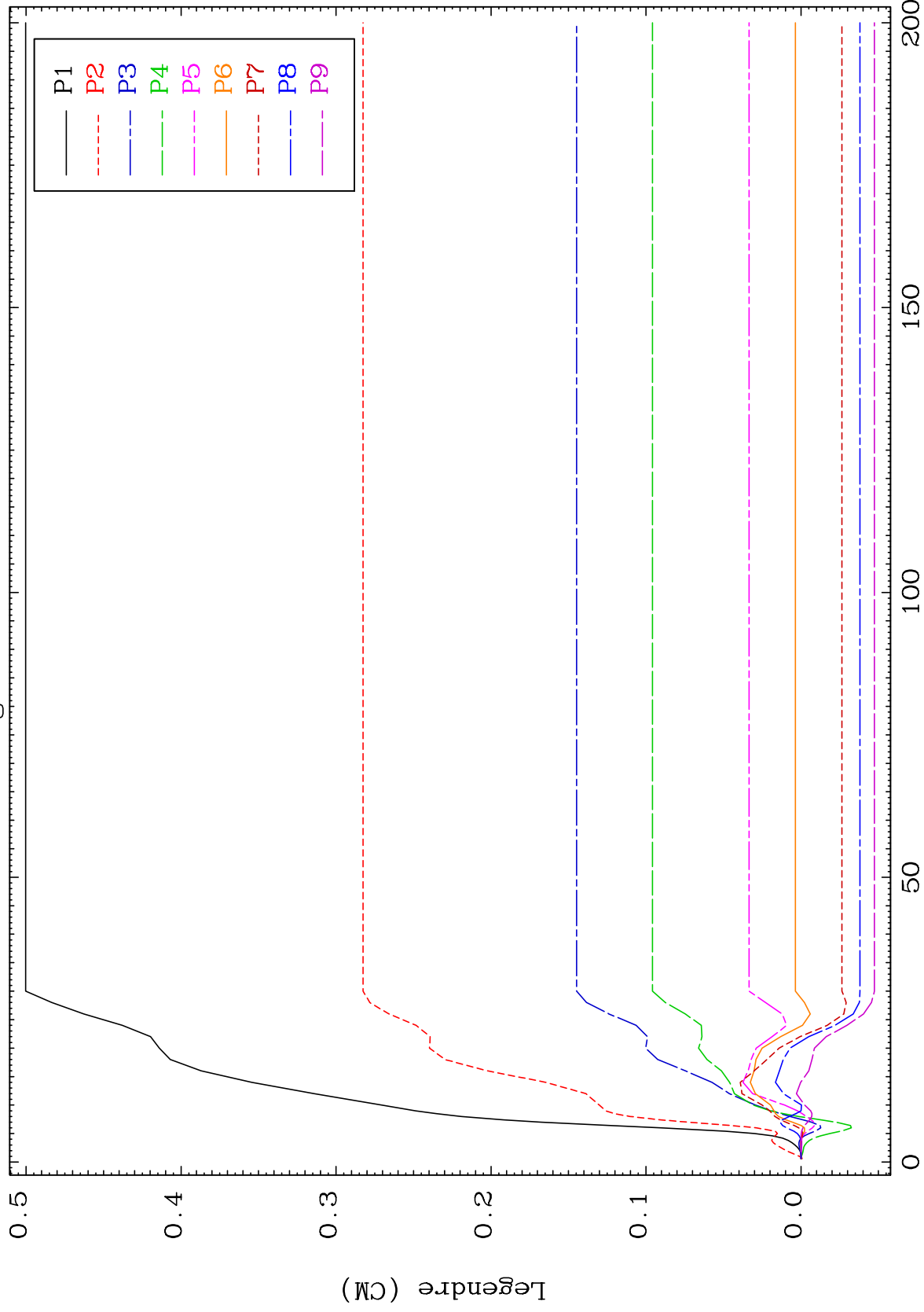
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



37

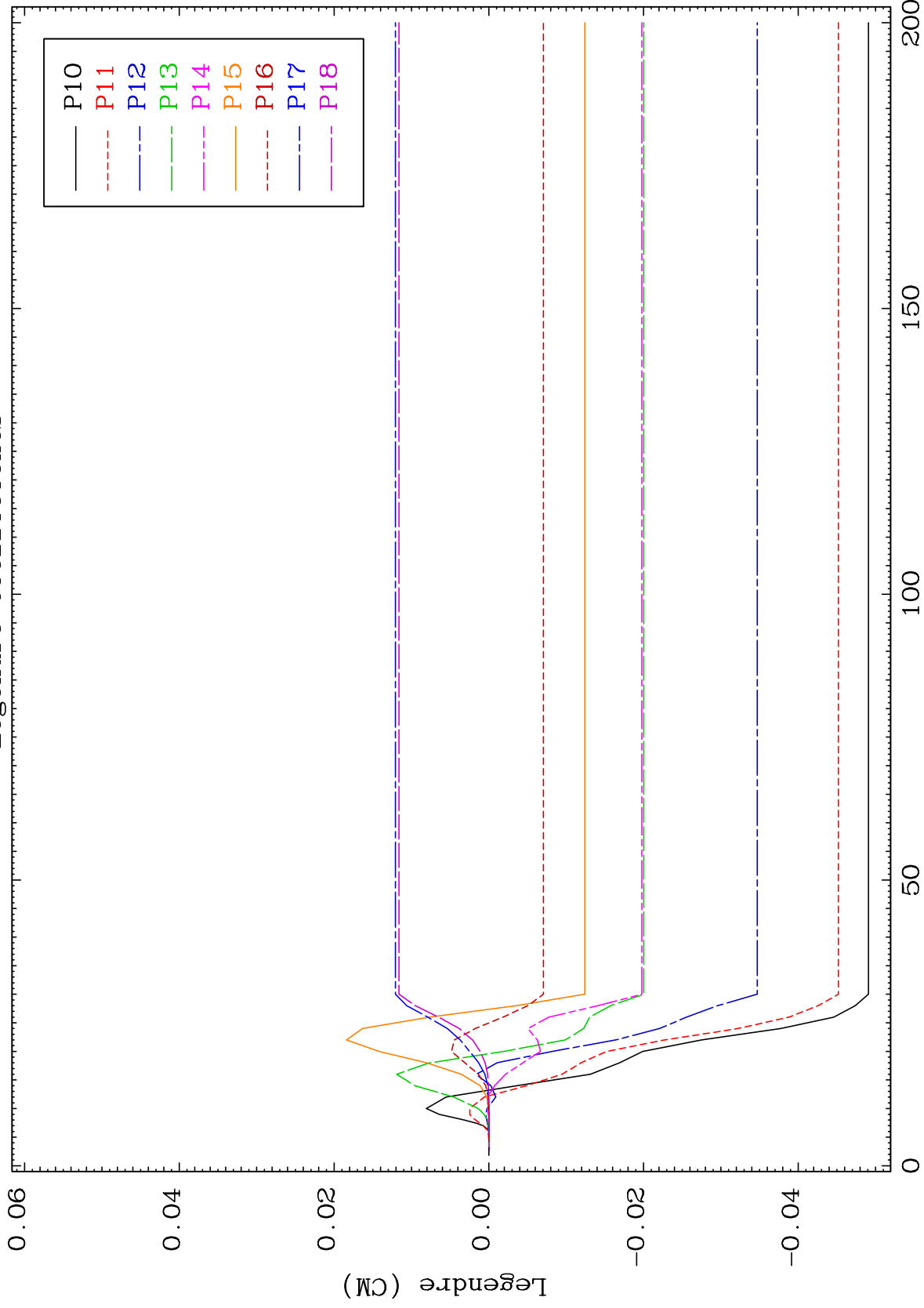
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



38

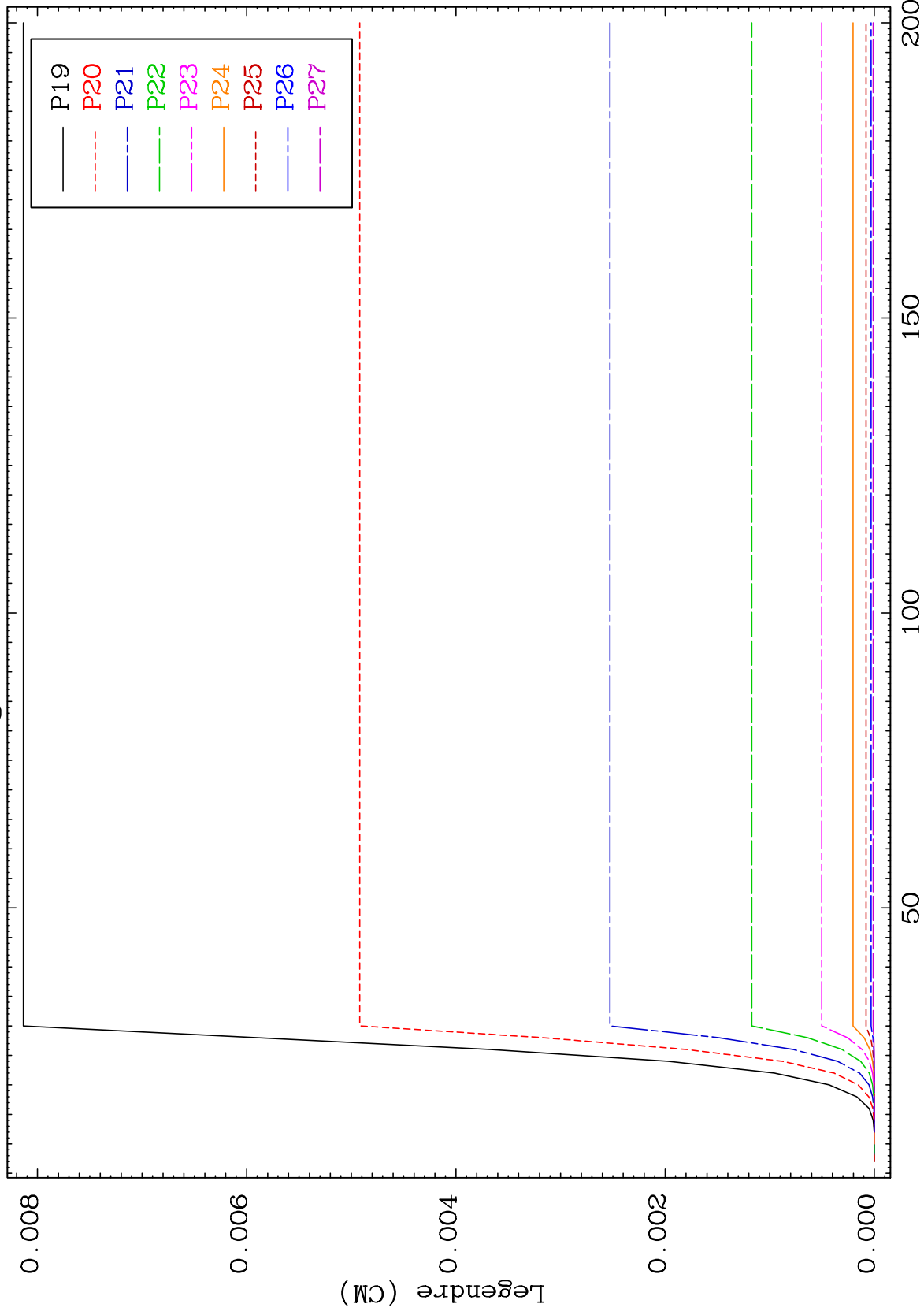
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



39

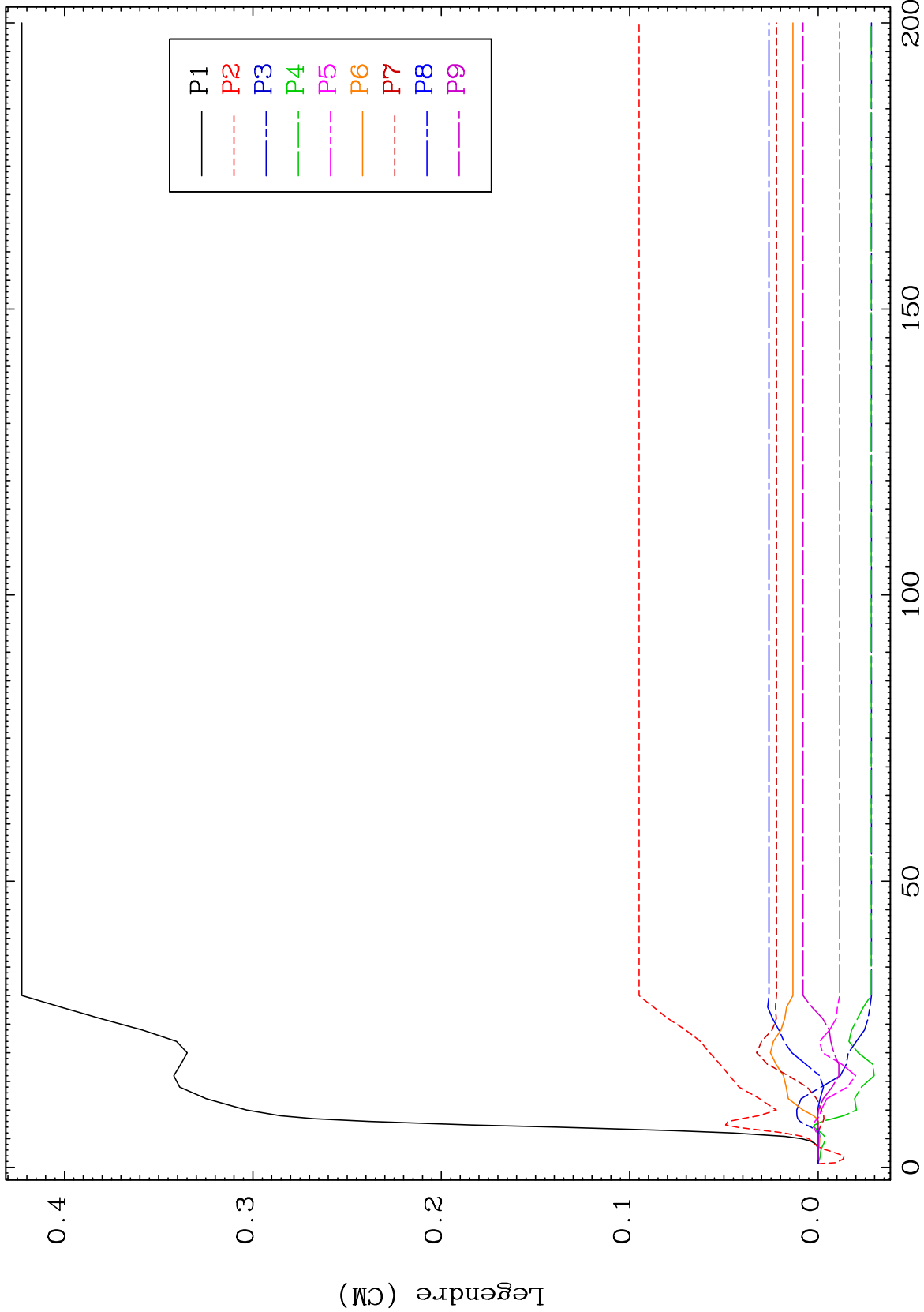
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



41

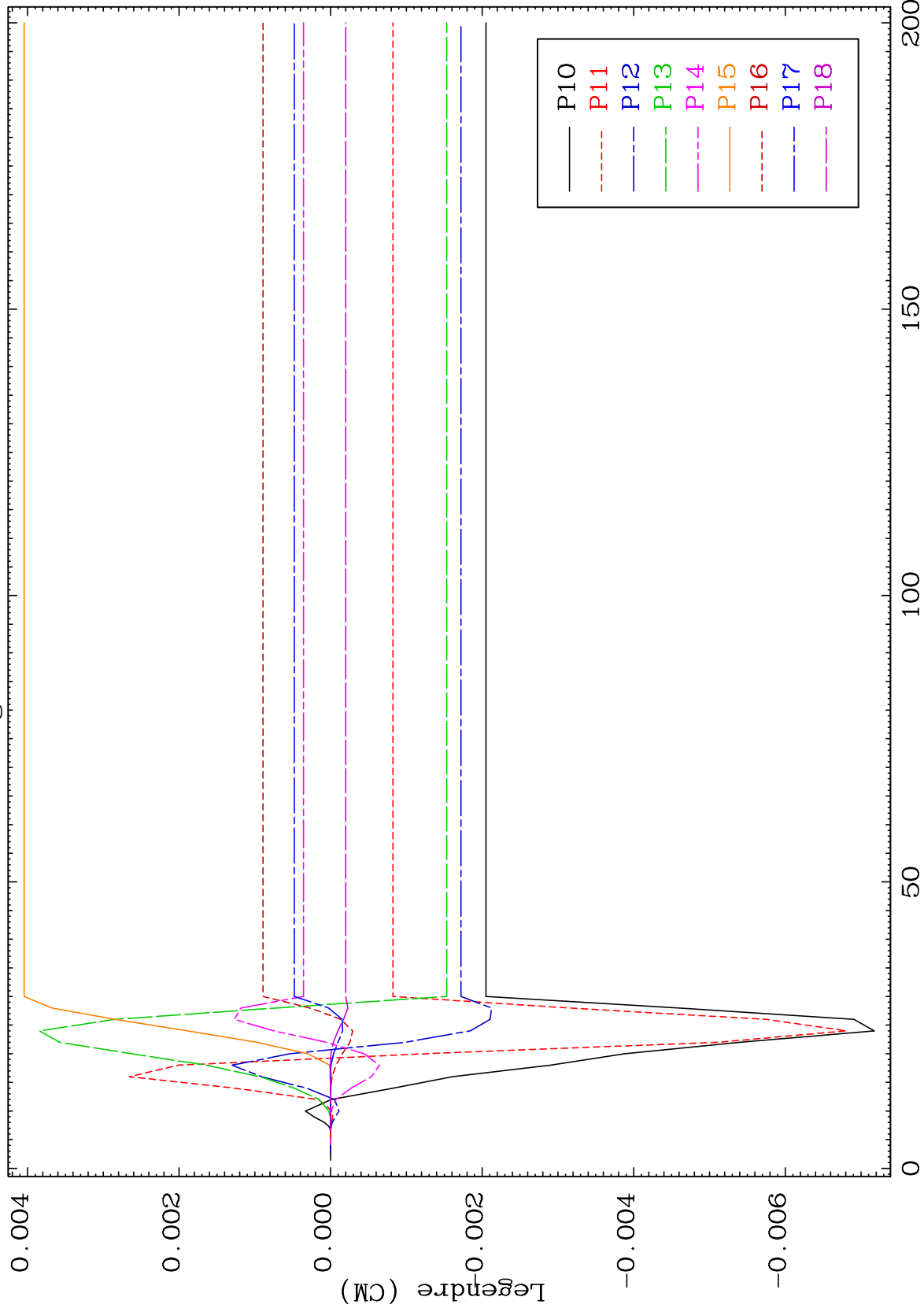
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



42

Incident Energy (MeV)

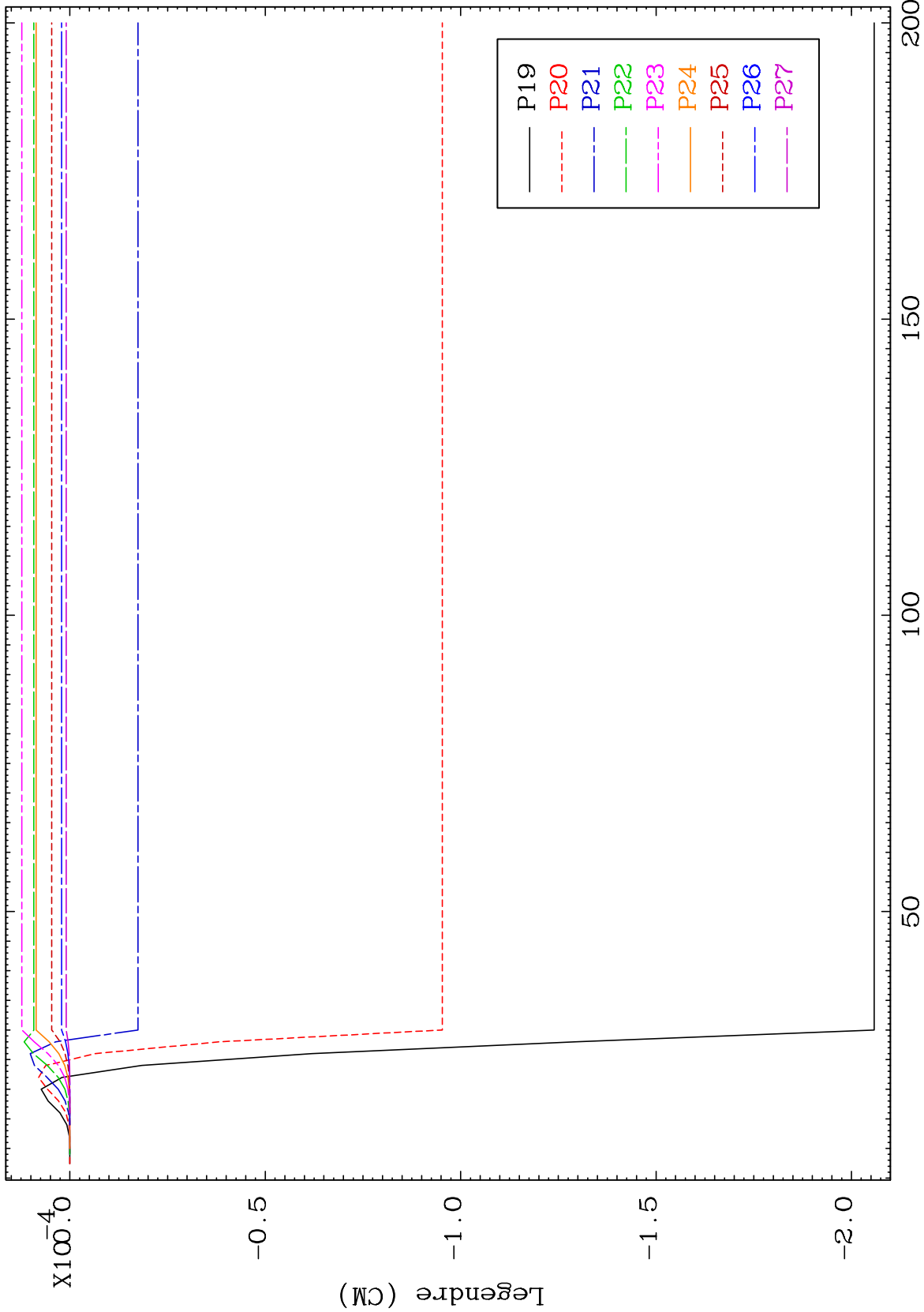
53-I -125

MAT 5319

MT= 57 (n,n') Level

53-I -125

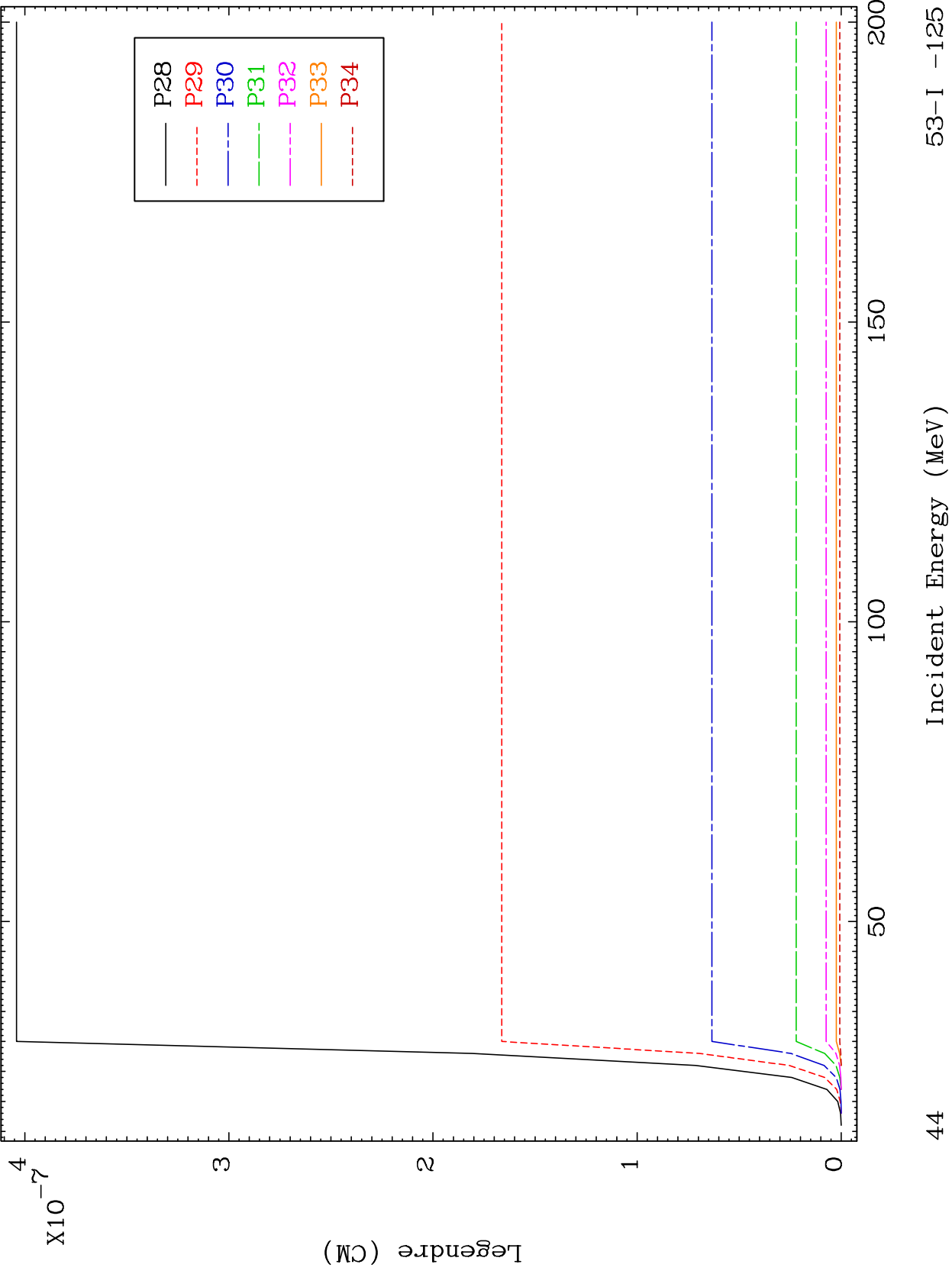
Legendre Coefficients



MAT 5319

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

53-I -125



44

Incident Energy (MeV)

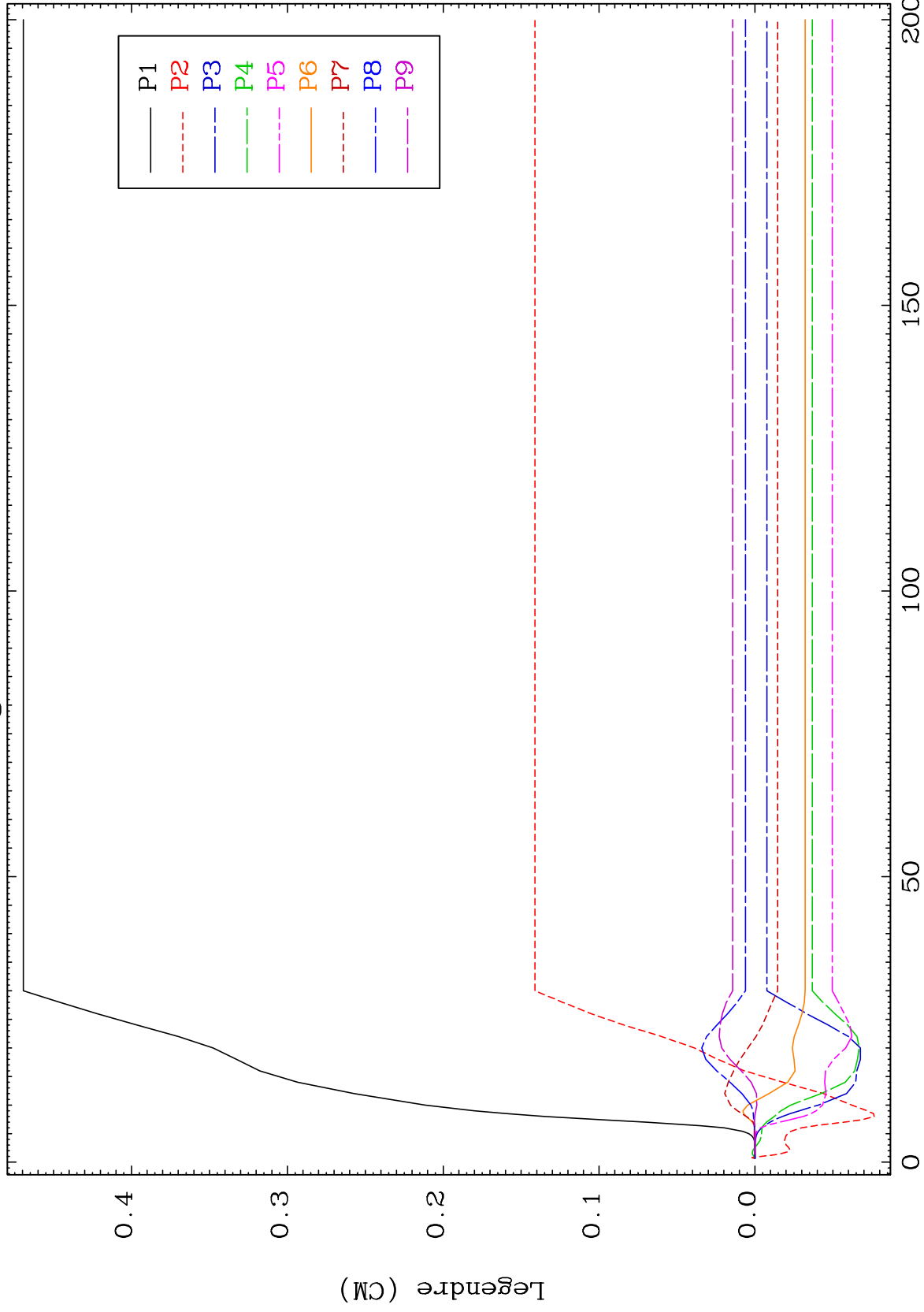
53-I -125

MAT 5319

MT= 58 (n,n') Level

53-I -125

Legendre Coefficients



45

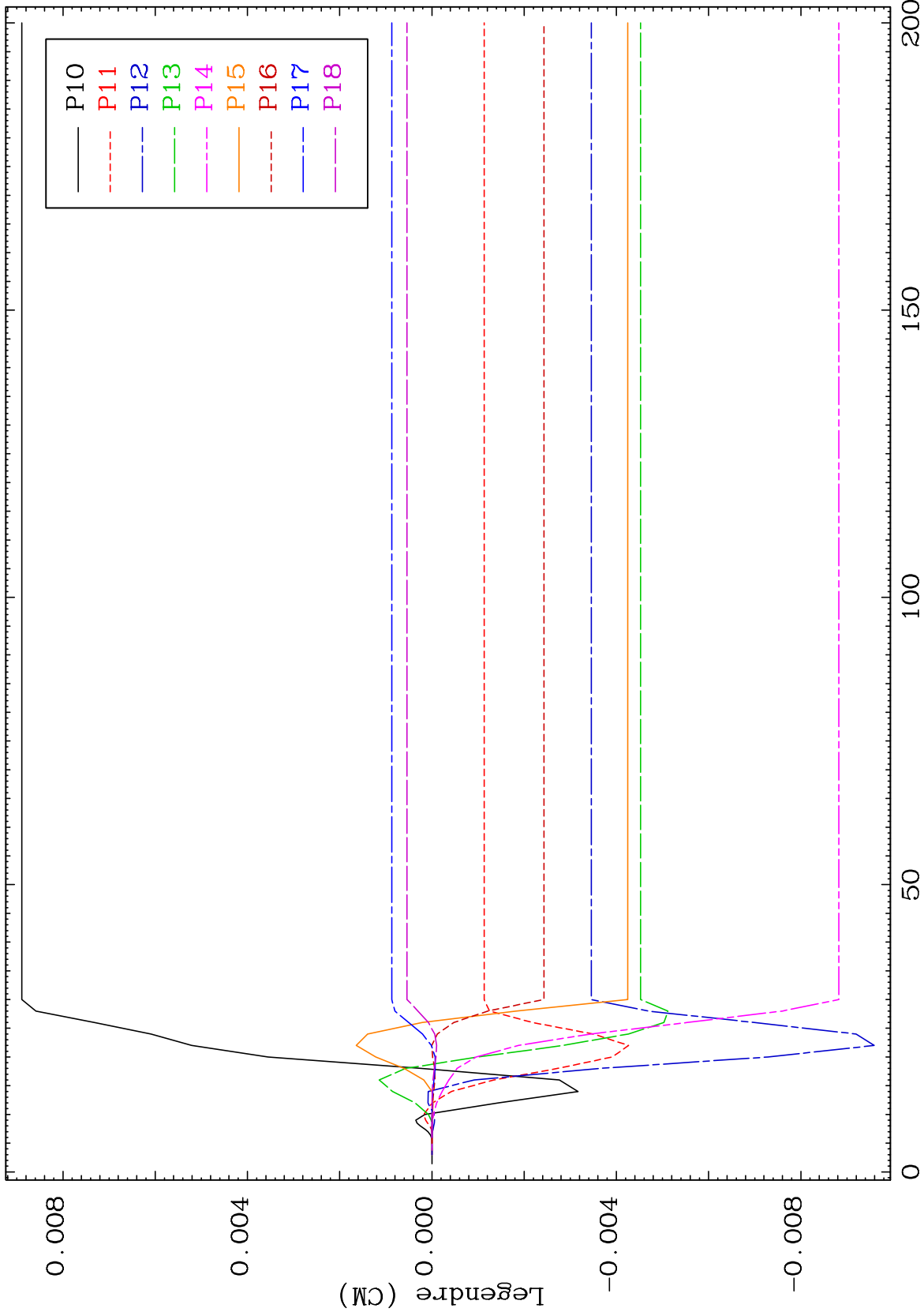
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



46

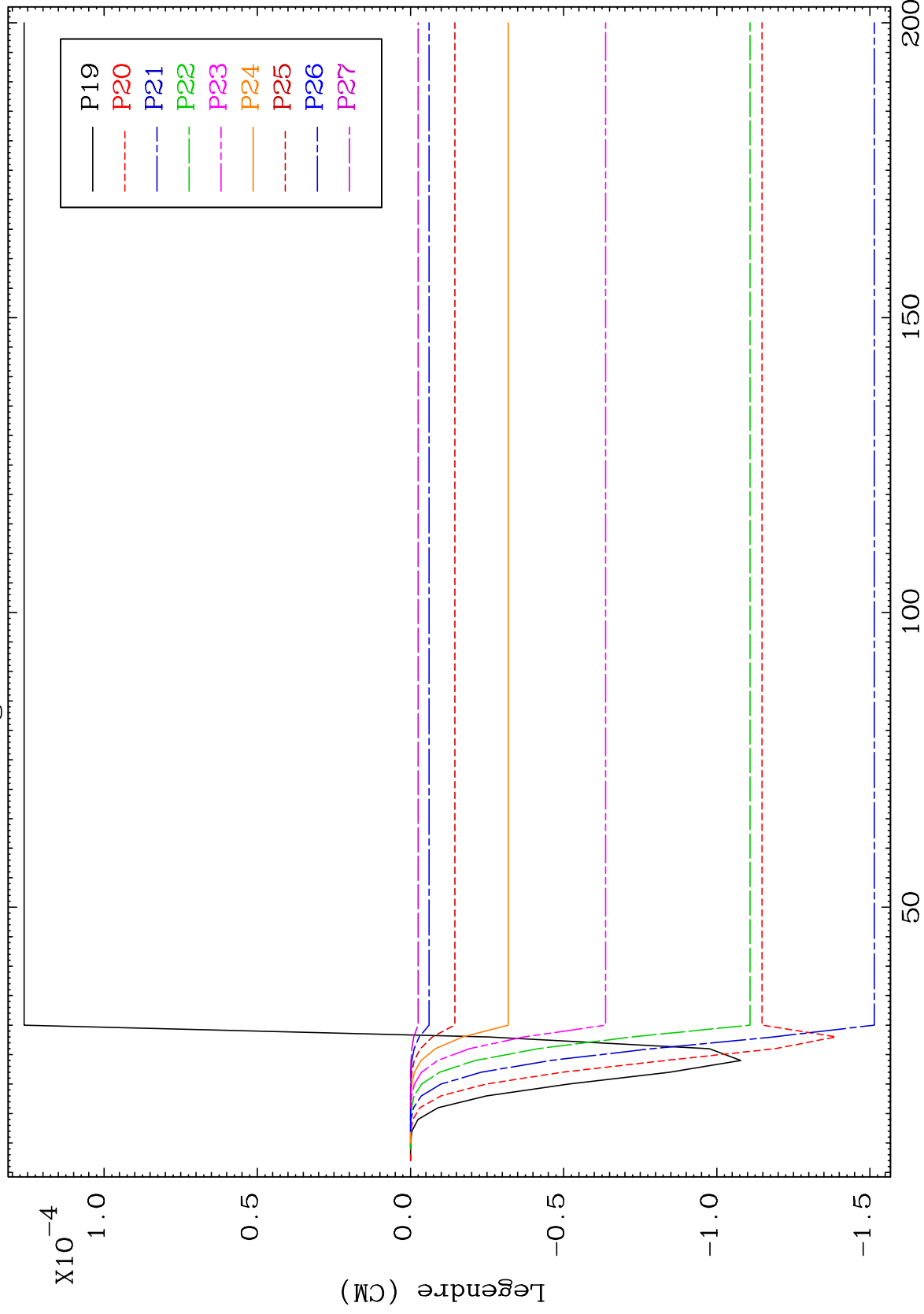
Incident Energy (MeV)

53-I -125

MAT 5319

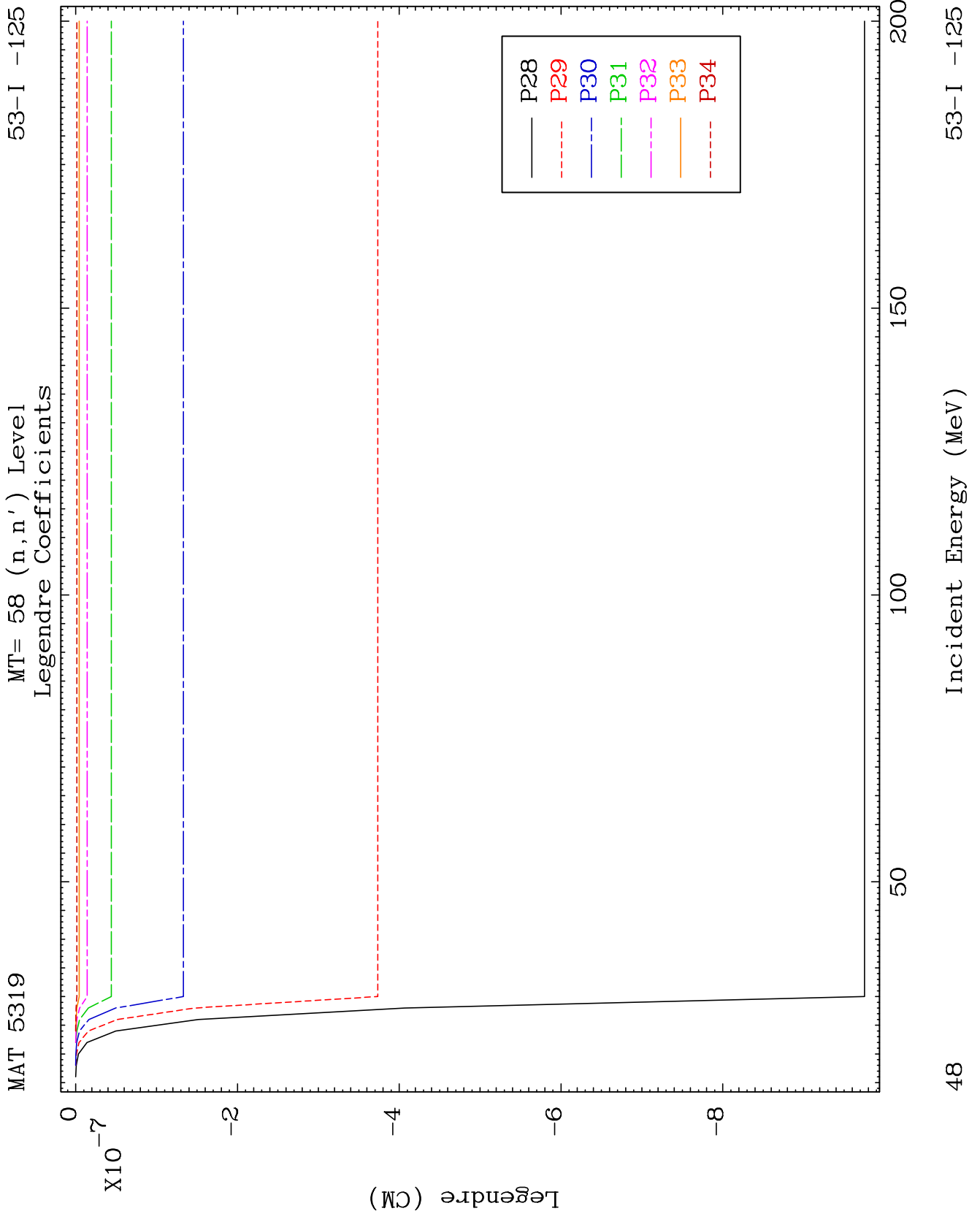
MT= 58 (n,n') Level
Legendre Coefficients

53-I -125



47

53-I -125

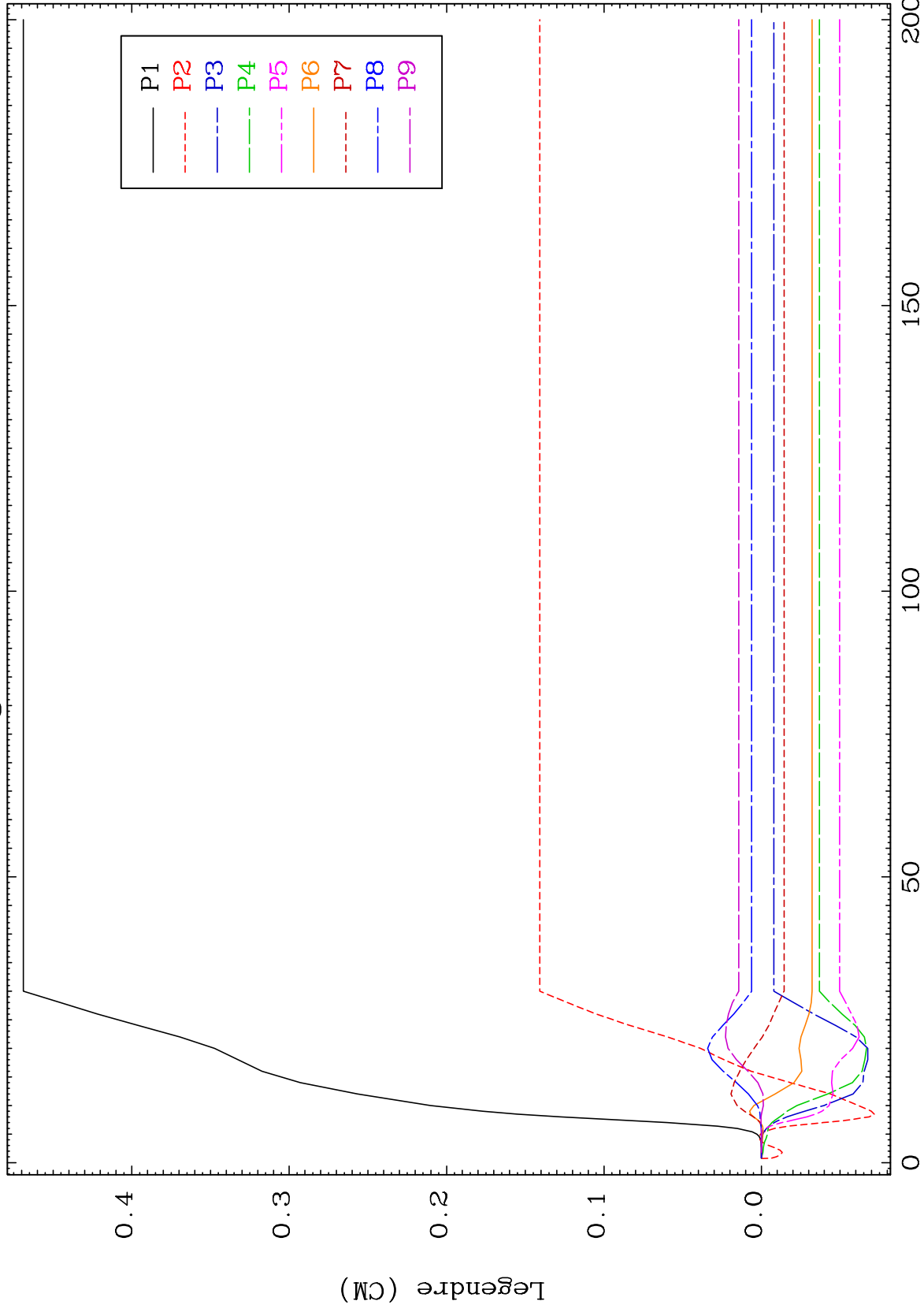


MAT 5319

MT= 59 (n,n') Level

53-I -125

Legendre Coefficients



49

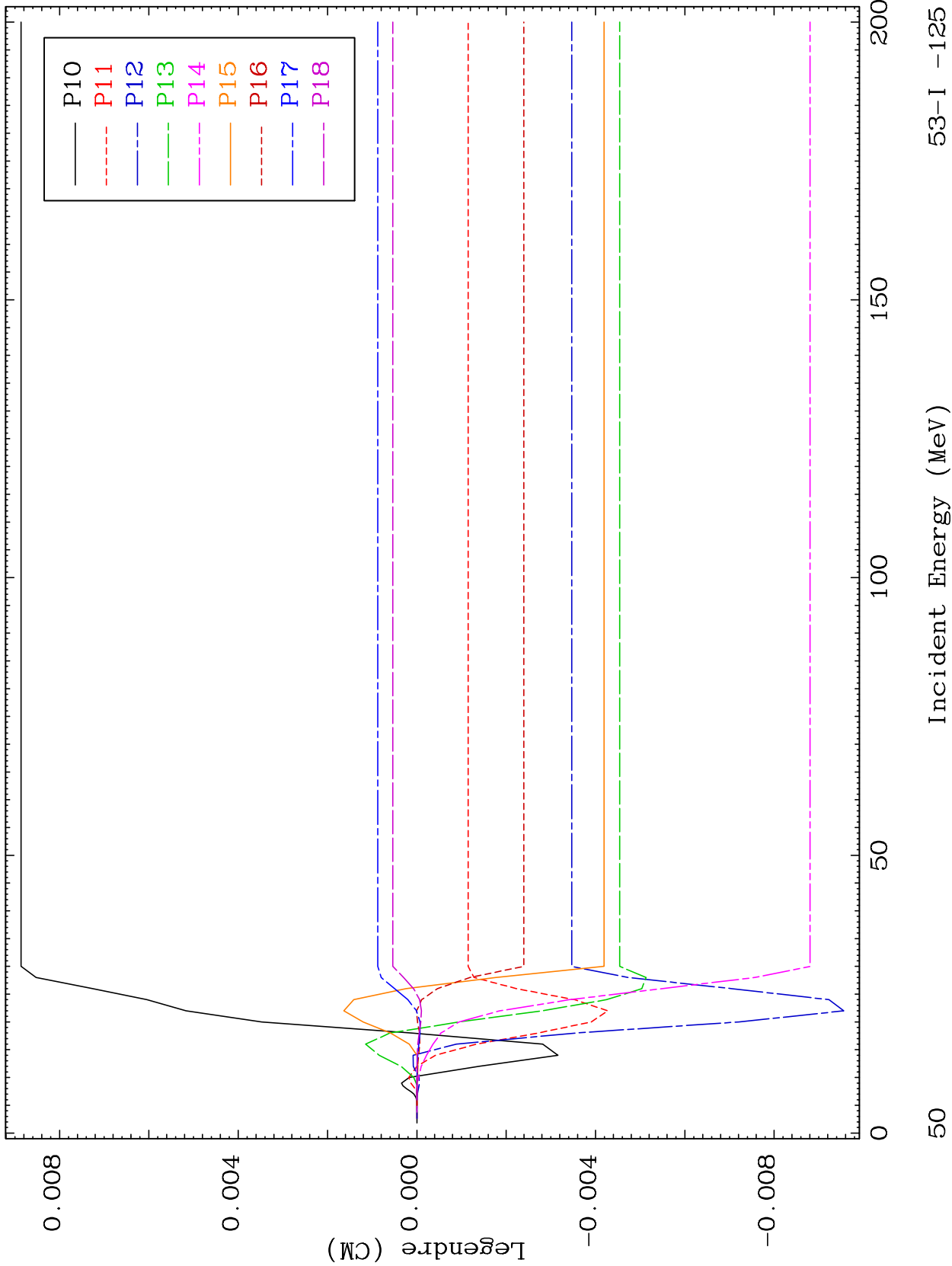
Incident Energy (MeV)

53-I -125

MAT 5319

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

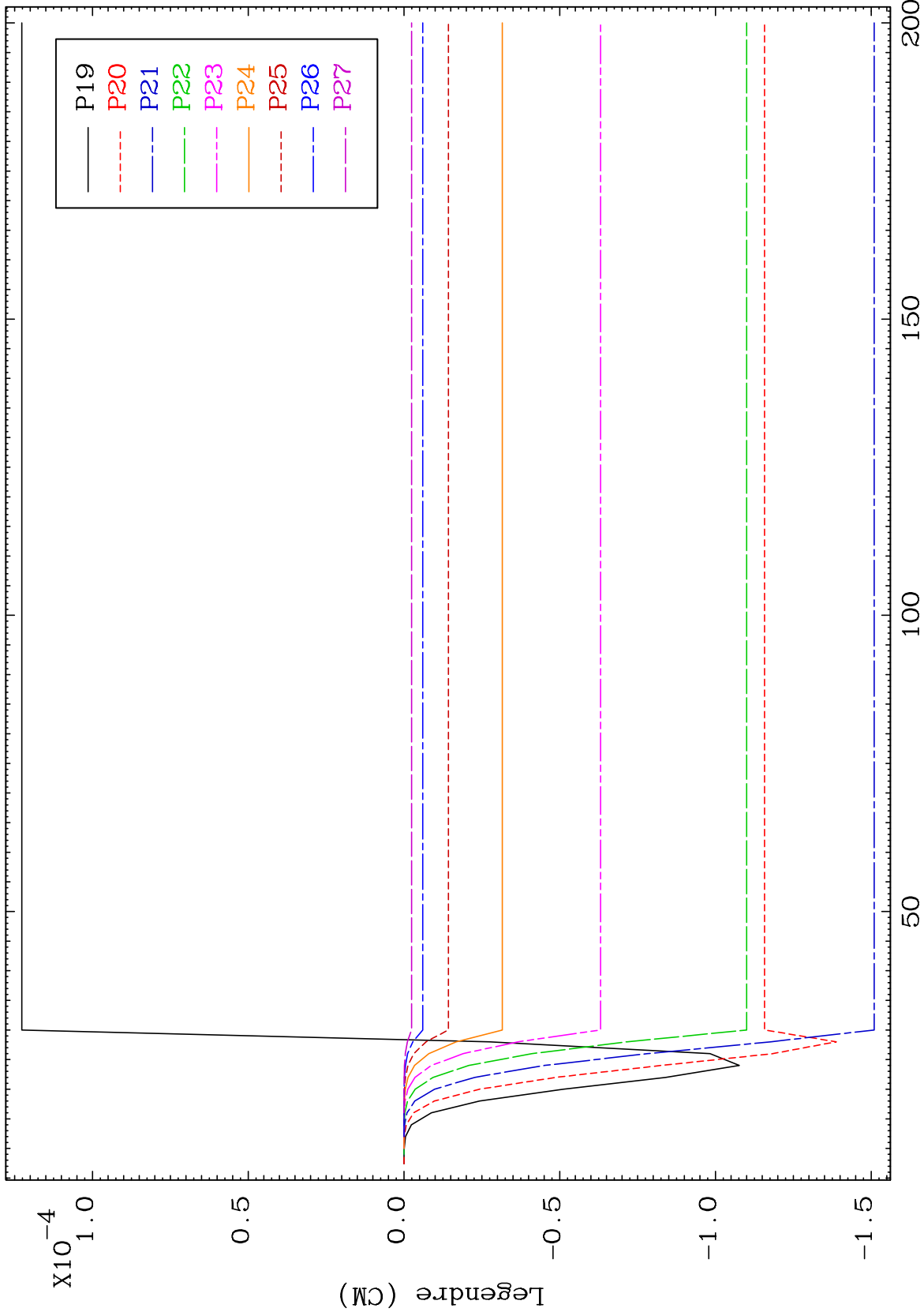
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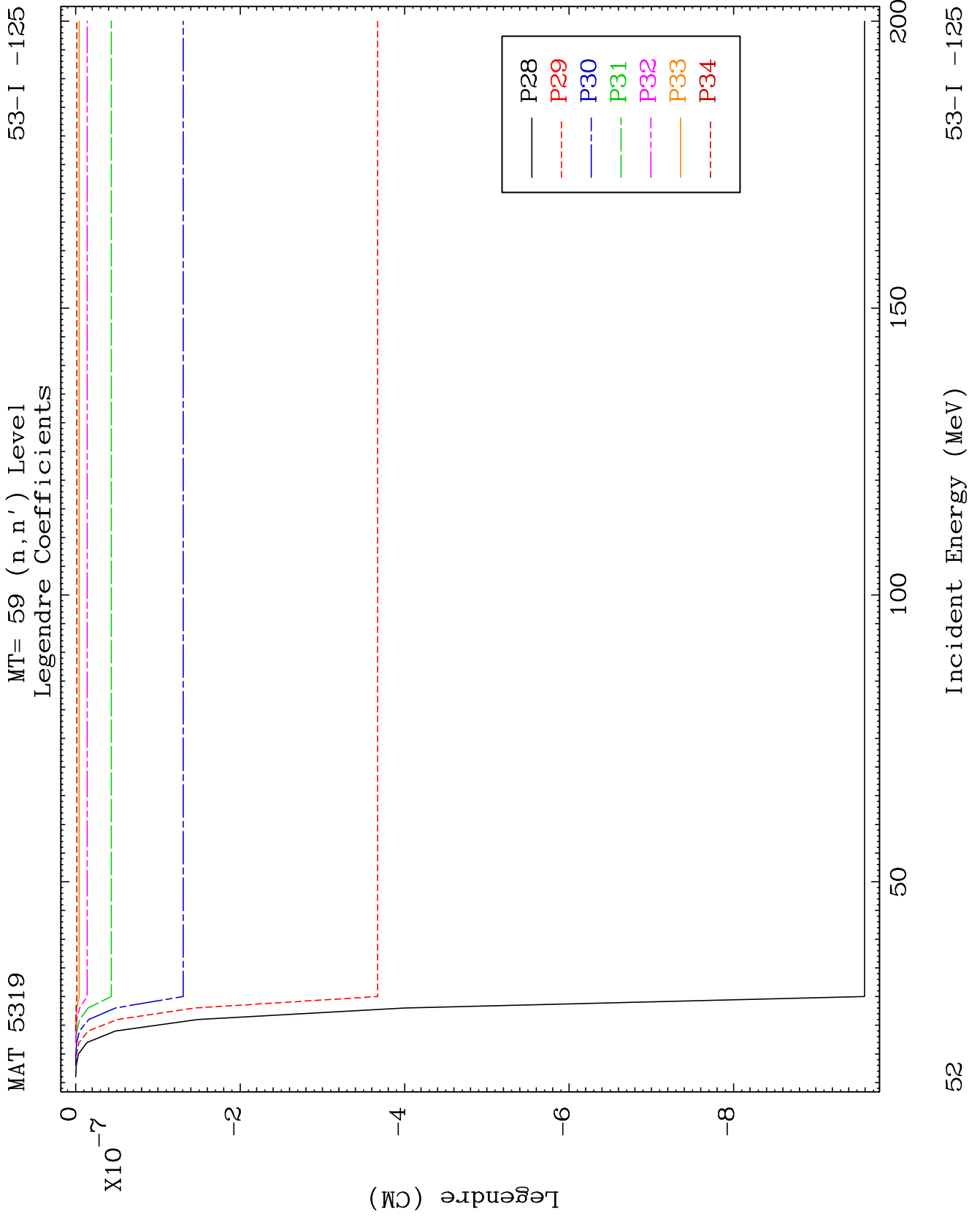


53-I -125

Incident Energy (MeV)

50

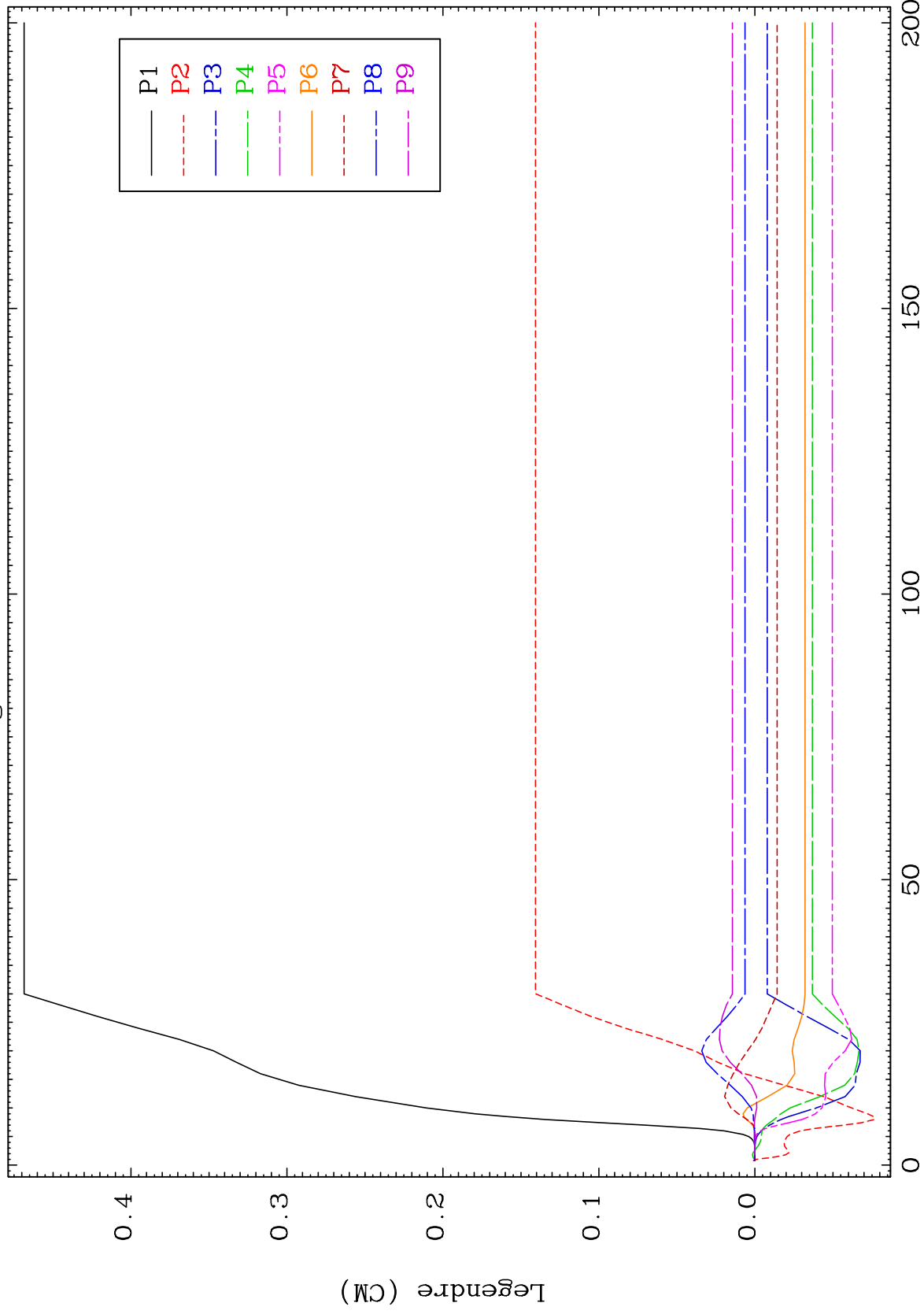




MAT 5319

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

53-I -125



53

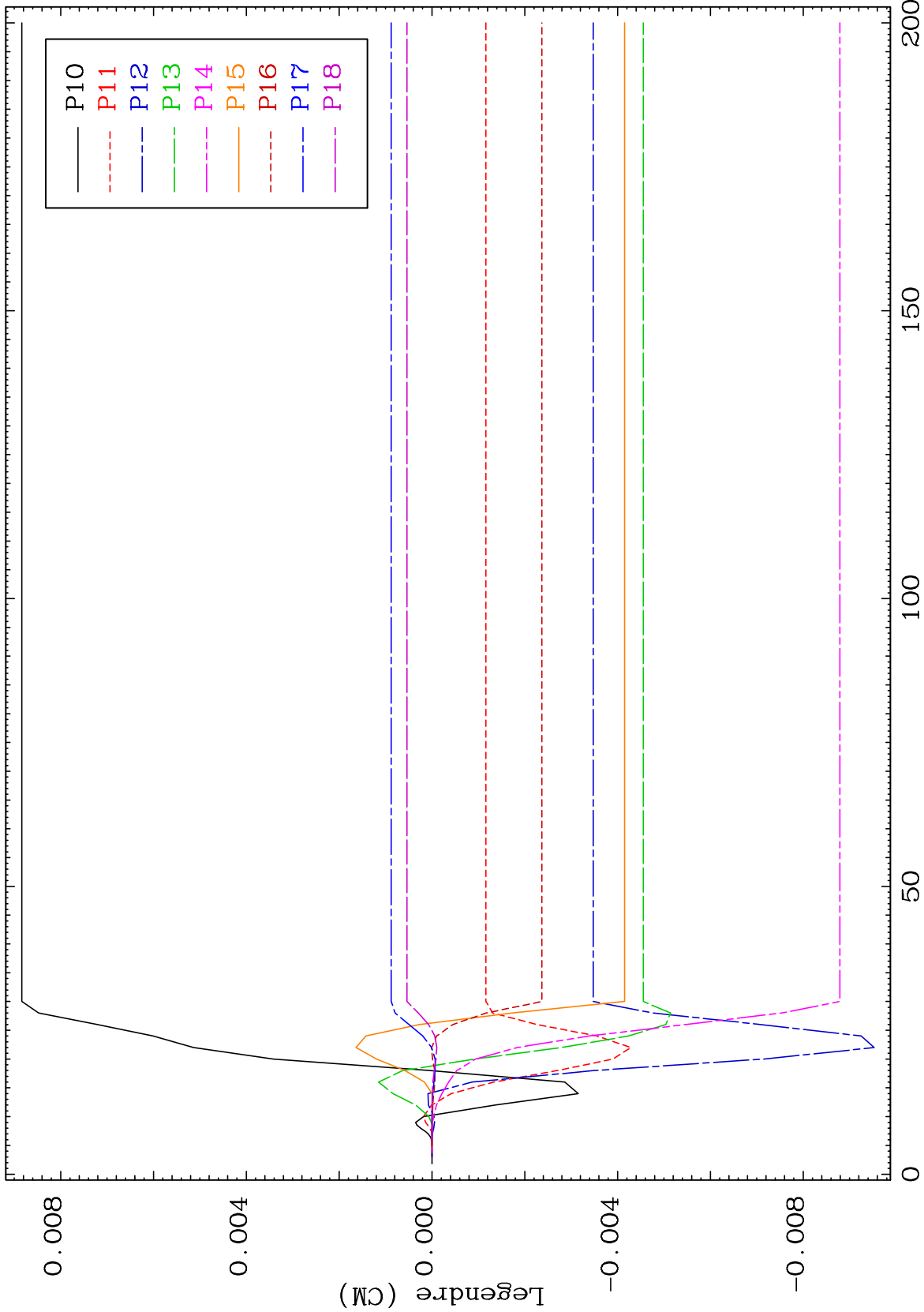
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



54

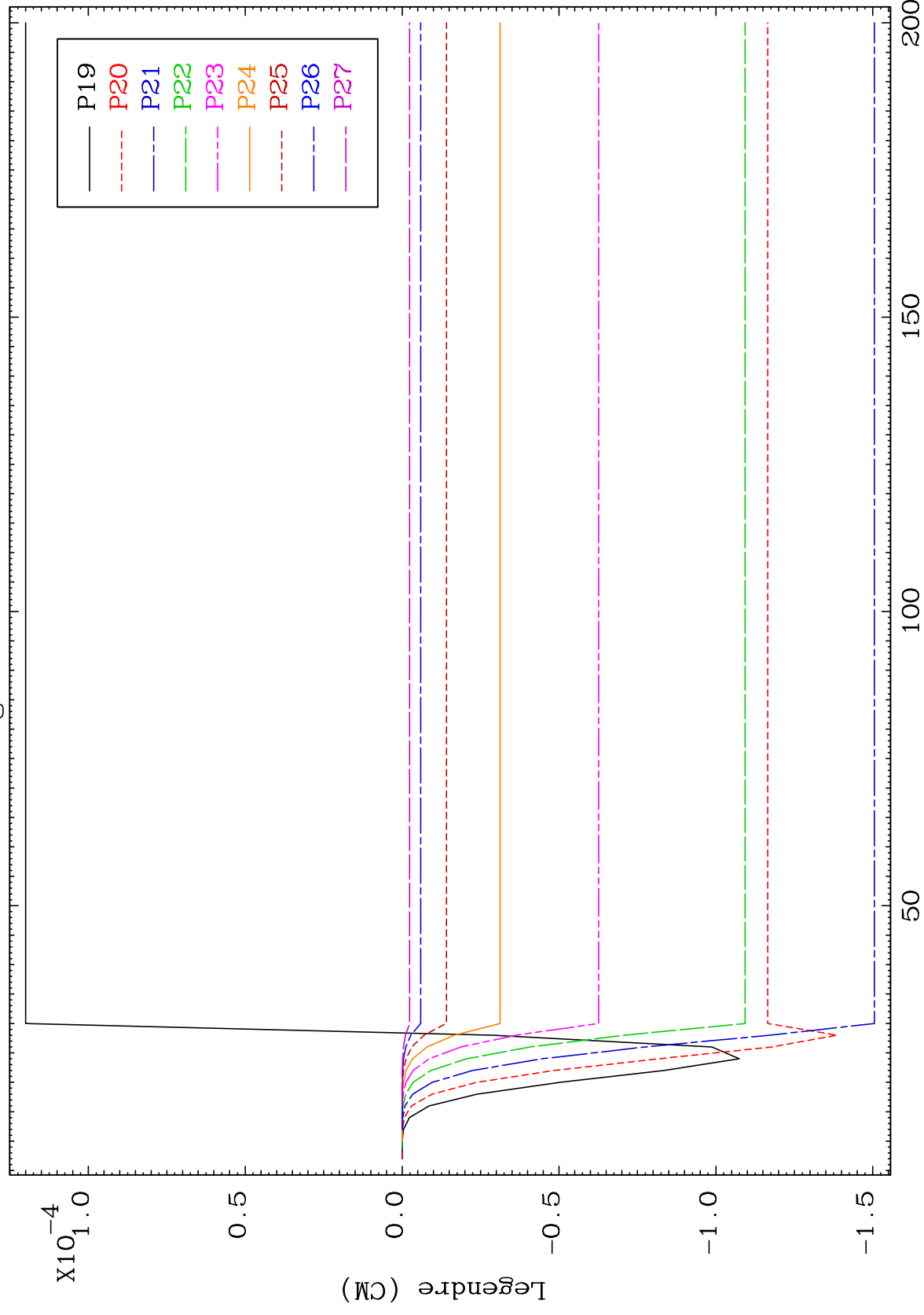
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



55

Incident Energy (MeV)

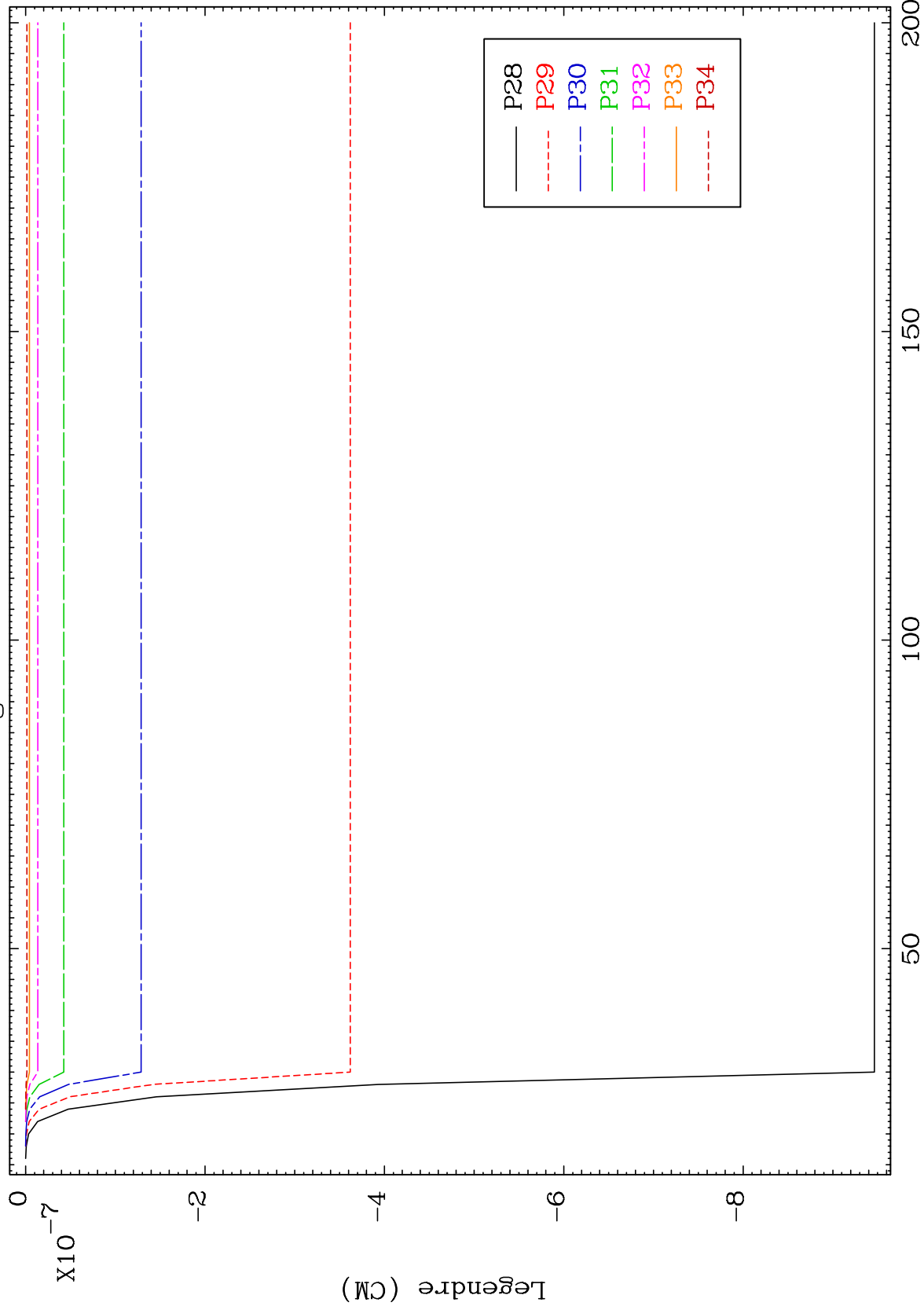
53-I -125

MAT 5319

MT= 60 (n,n') Level

53-I -125

Legendre Coefficients



56

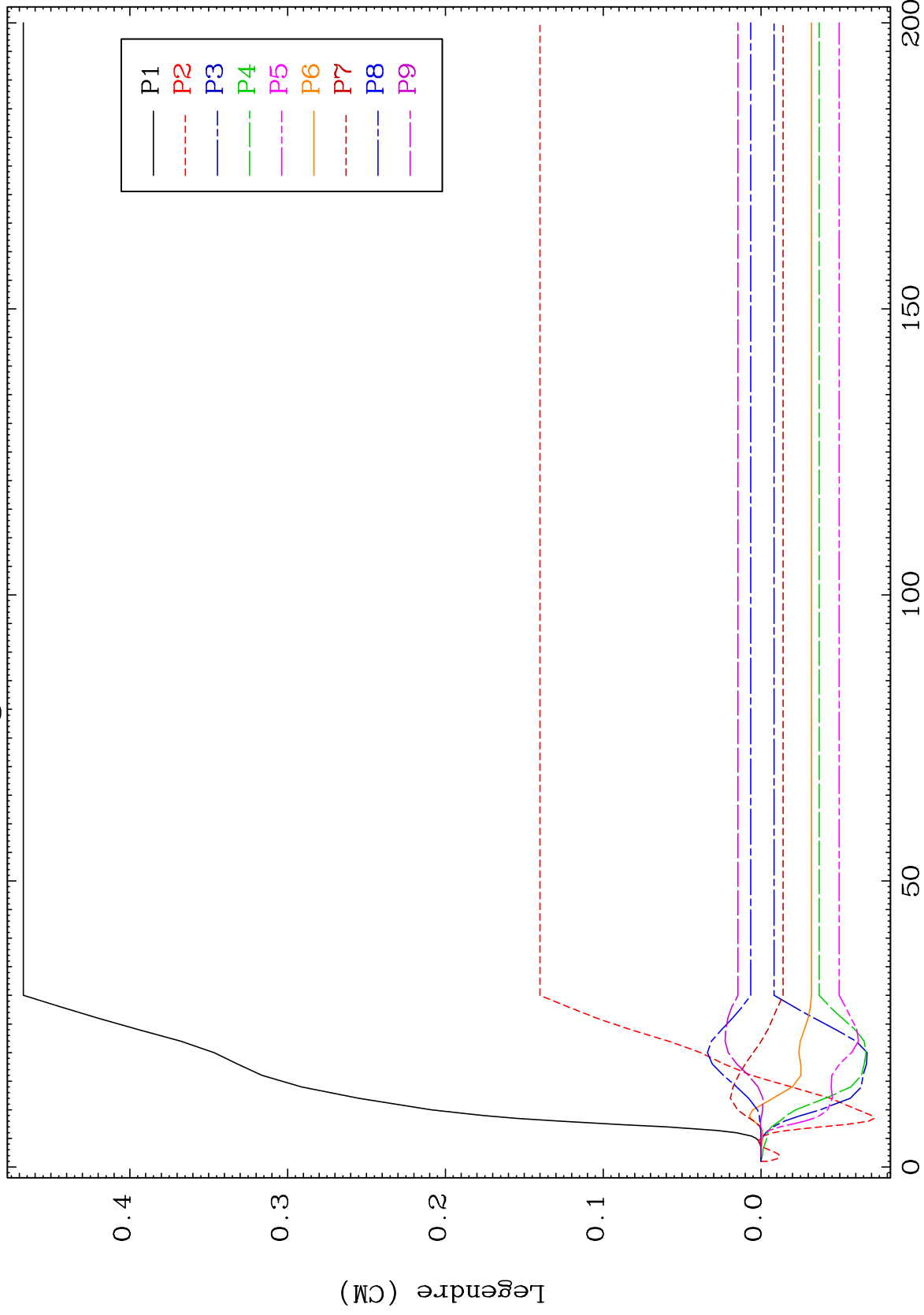
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



57

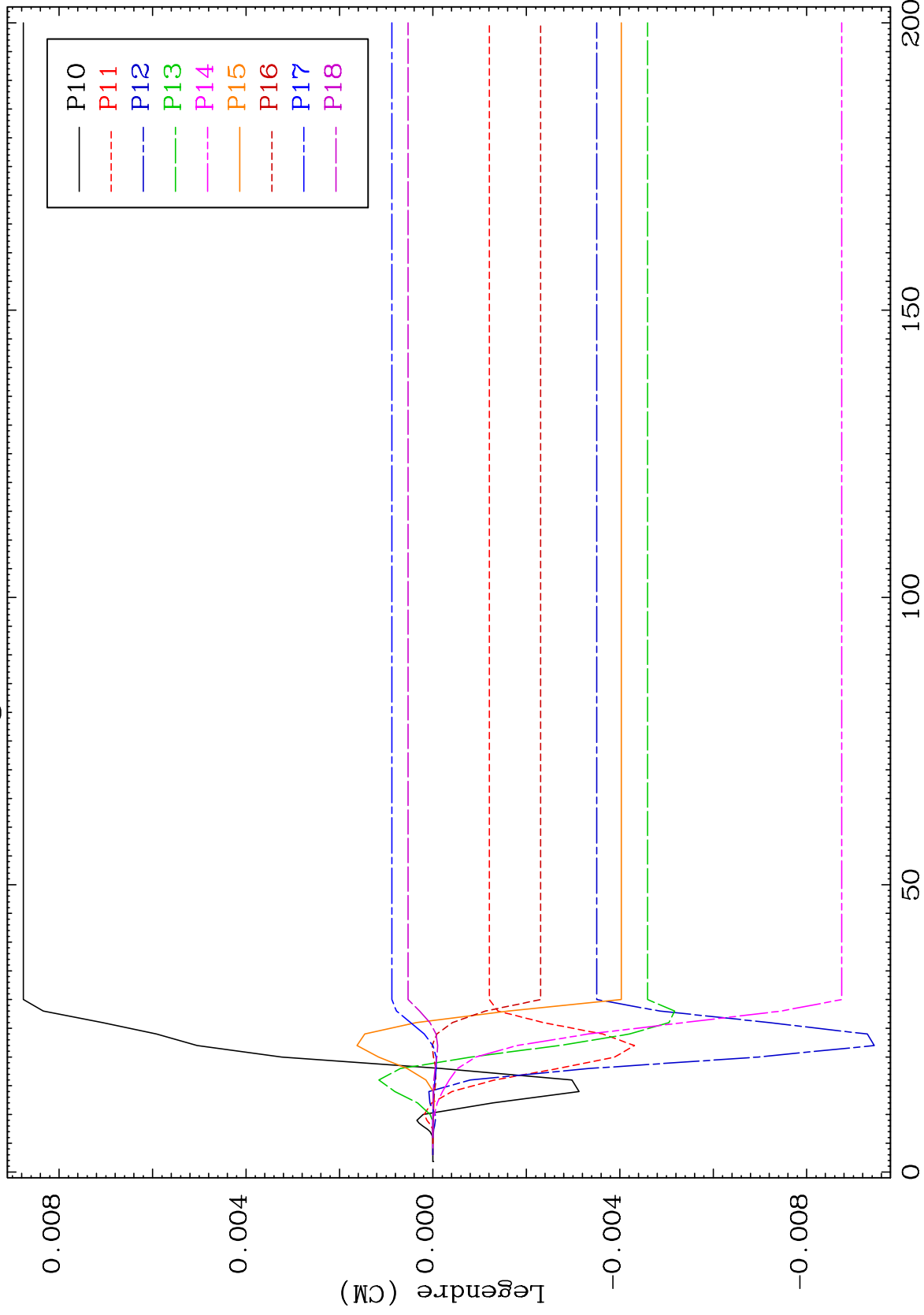
Incident Energy (MeV)

53-I -125

MAT 5319

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

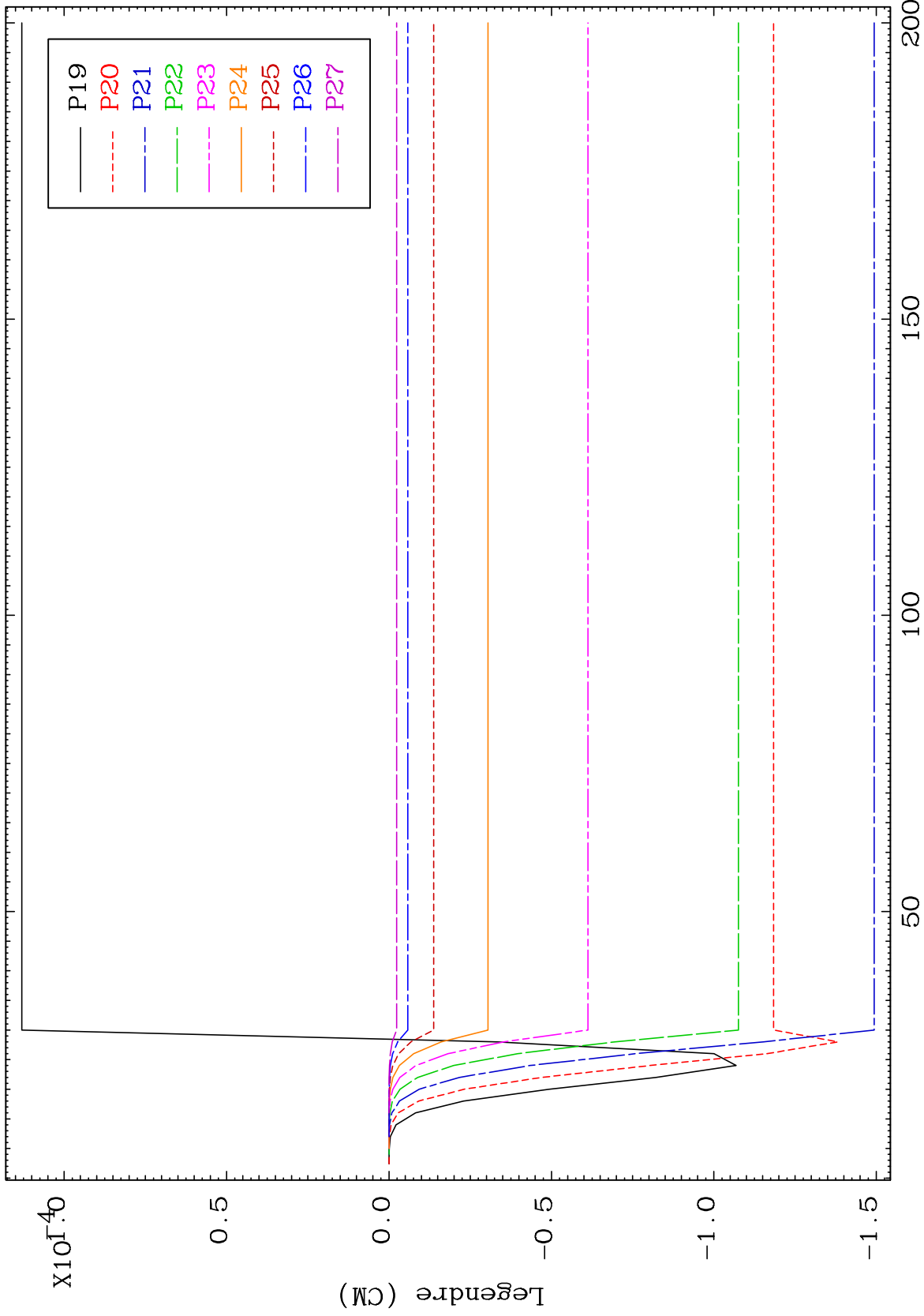
53-I -125

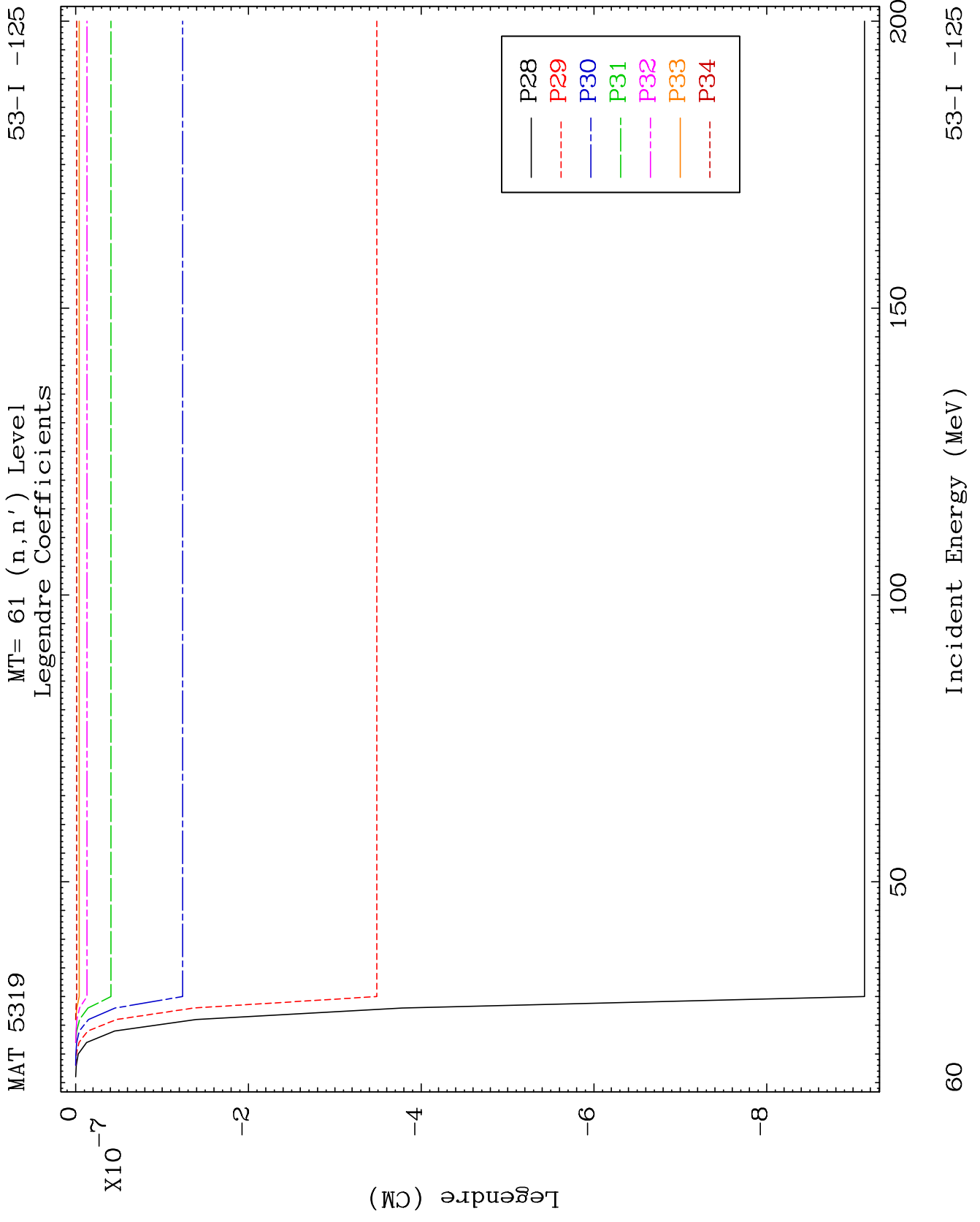


58

Incident Energy (MeV)

53-I -125

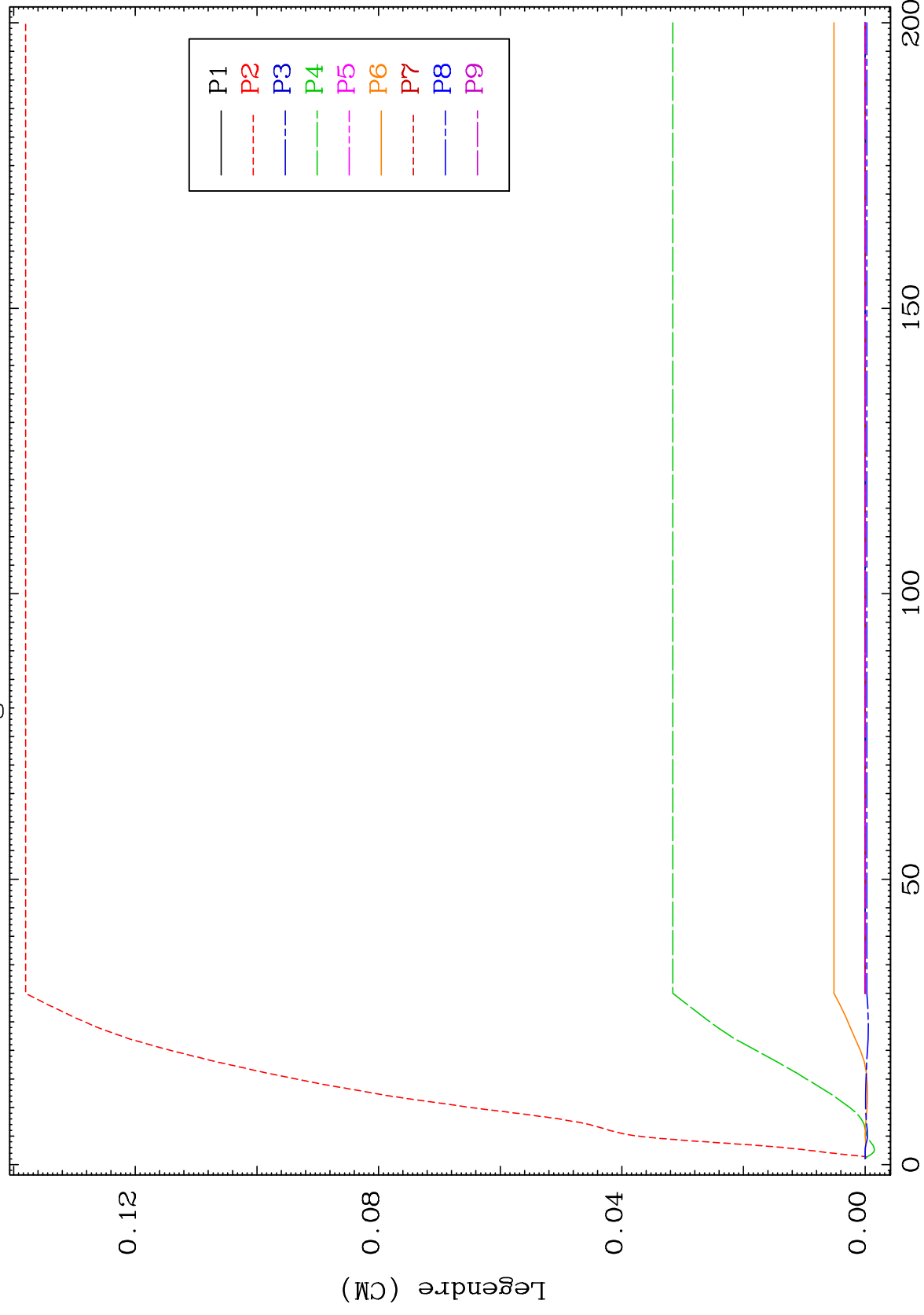




MAT 5319

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

53-I -125



61

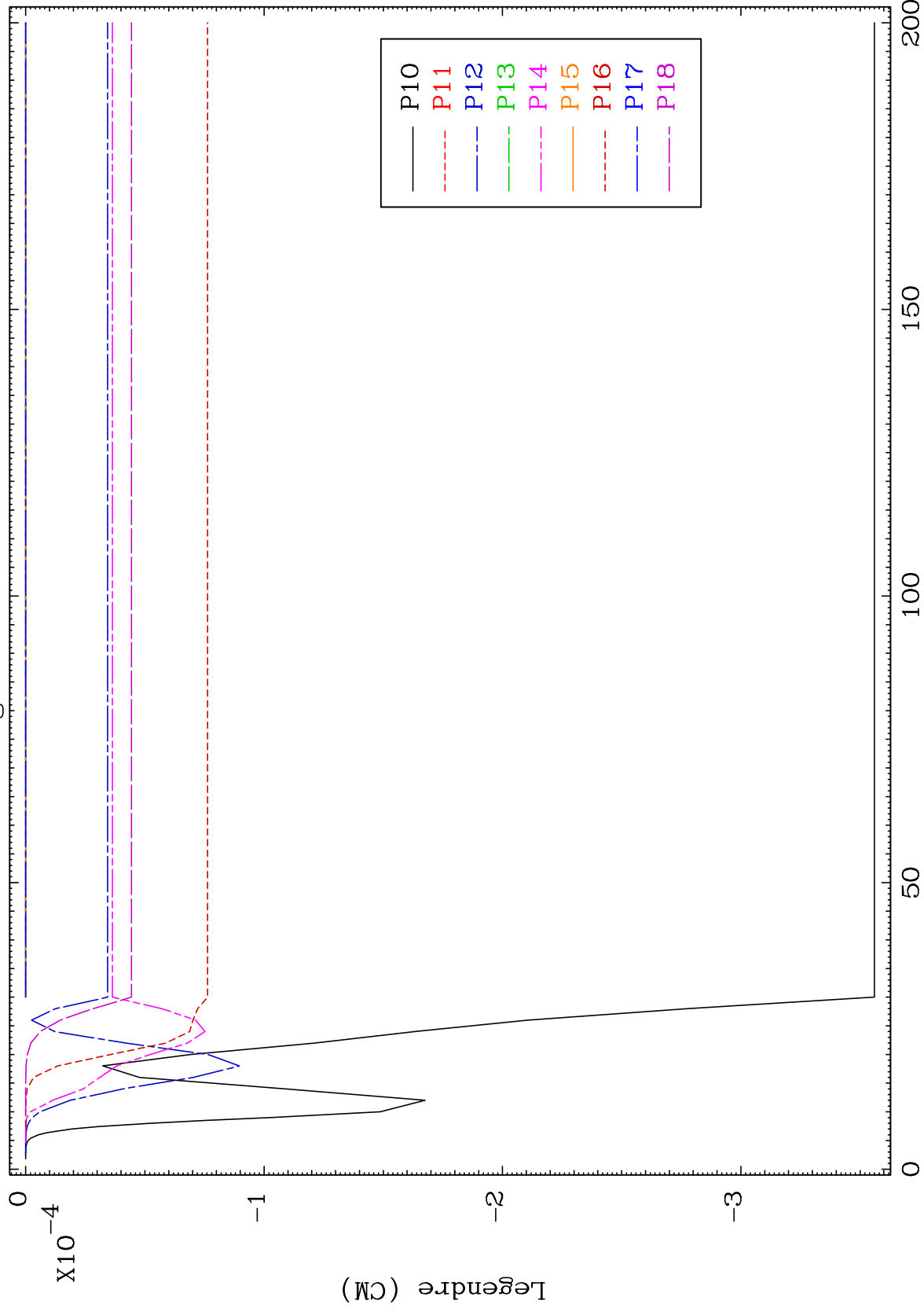
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



62

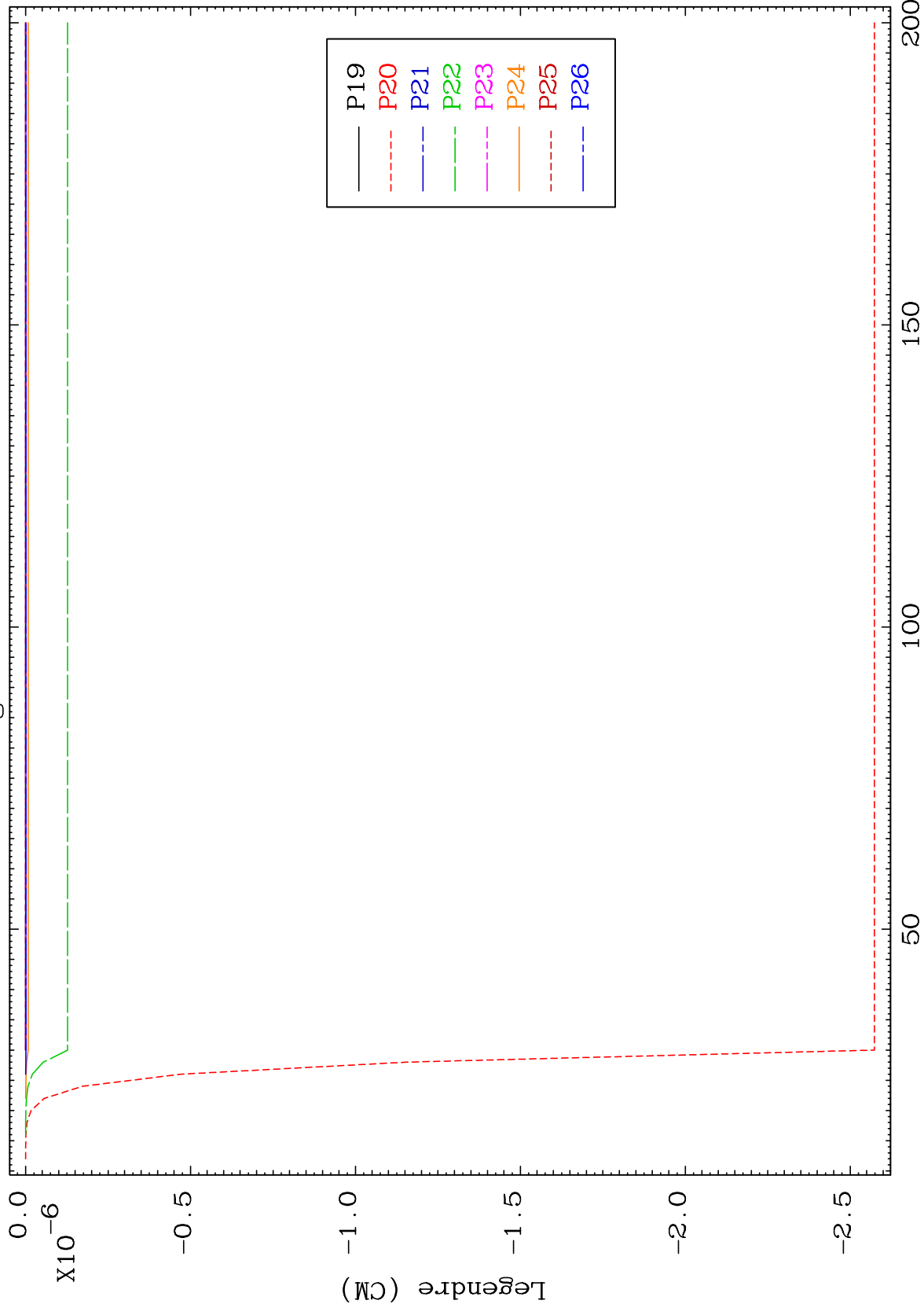
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



63

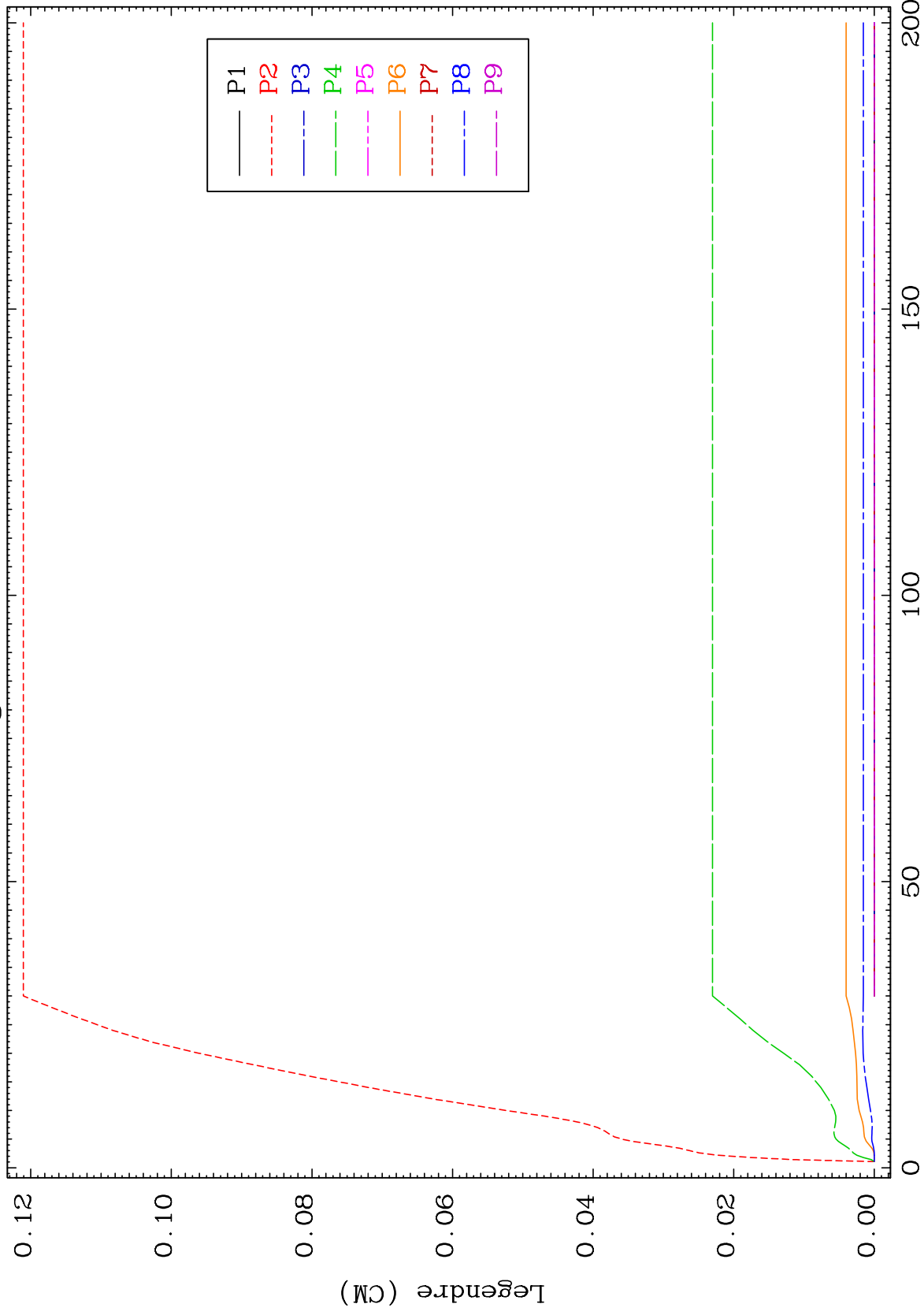
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



64

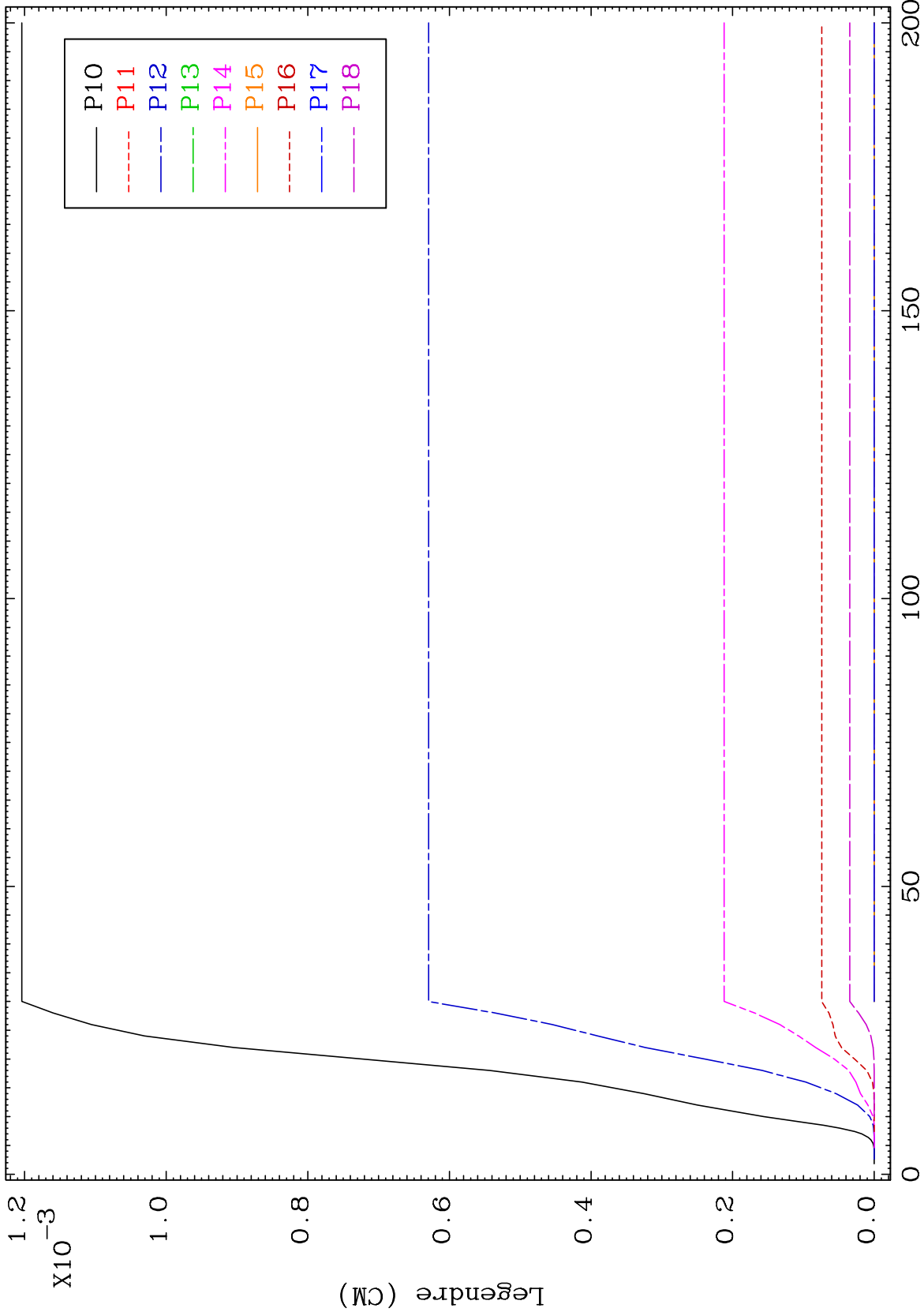
Incident Energy (MeV)

53-I -125

MAT 5319

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

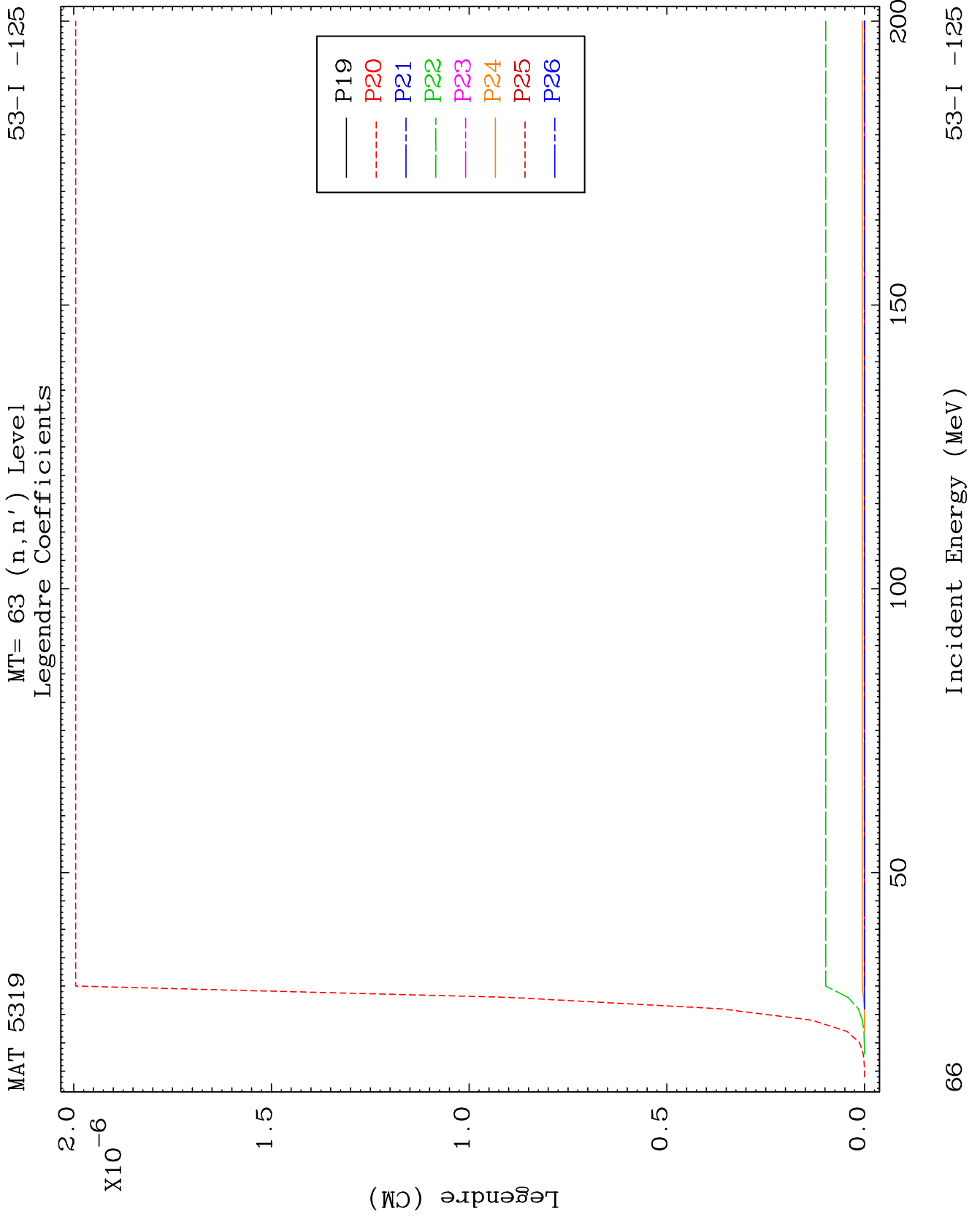
53-I -125



65

Incident Energy (MeV)

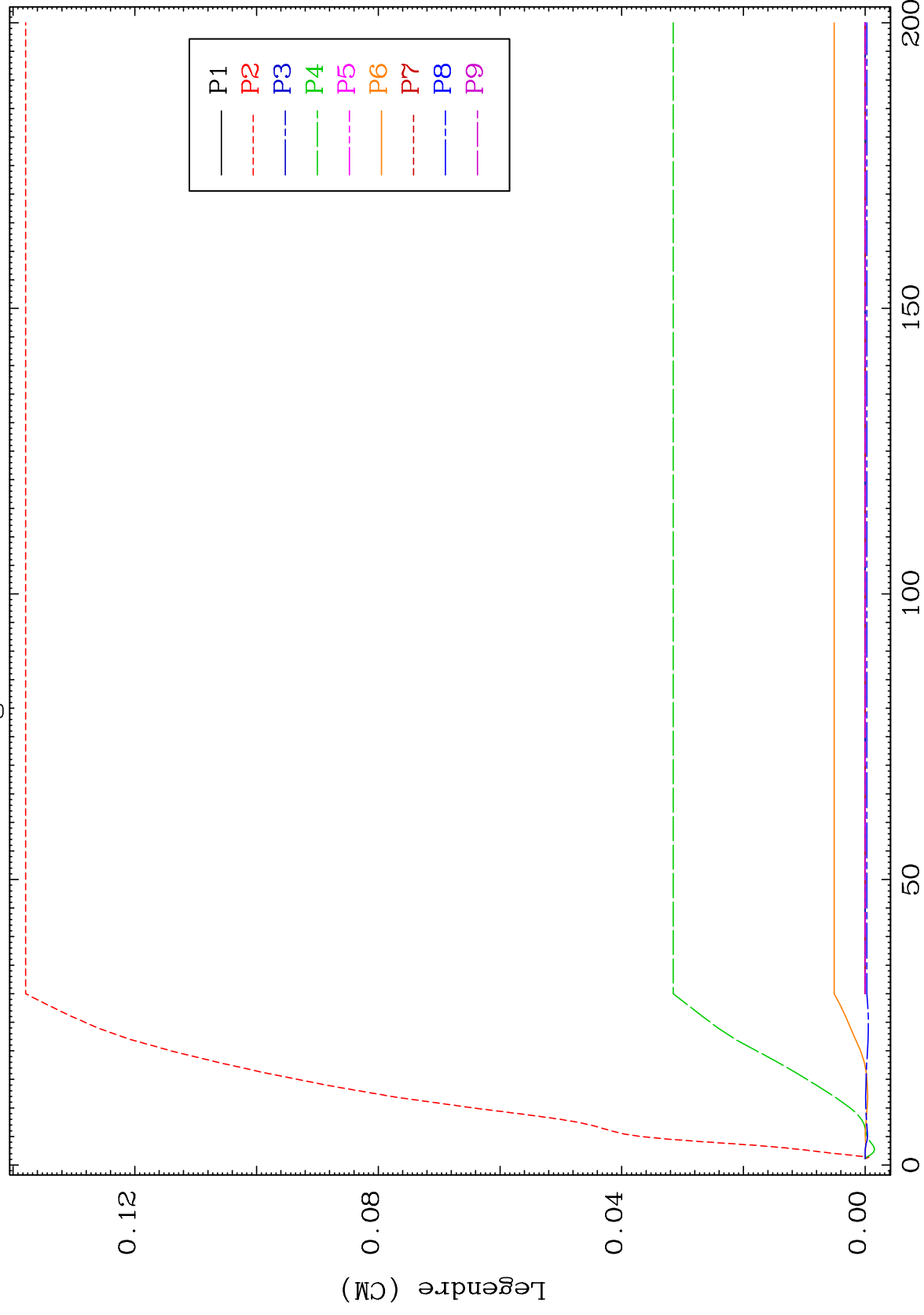
53-I -125



MAT 5319

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

53-I -125



67

Incident Energy (MeV)

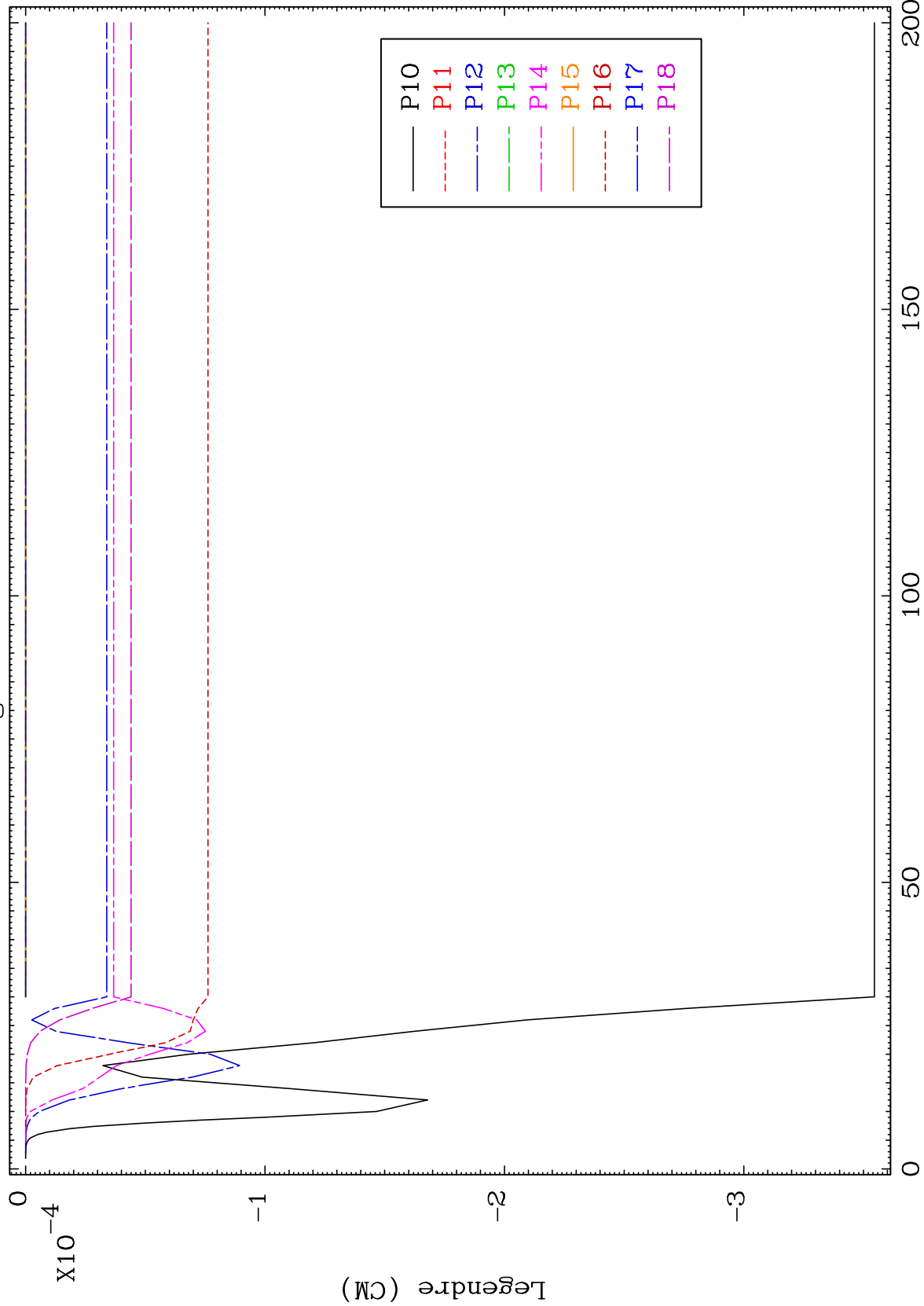
53-I -125

MAT 5319

MT= 64 (n,n') Level

53-I -125

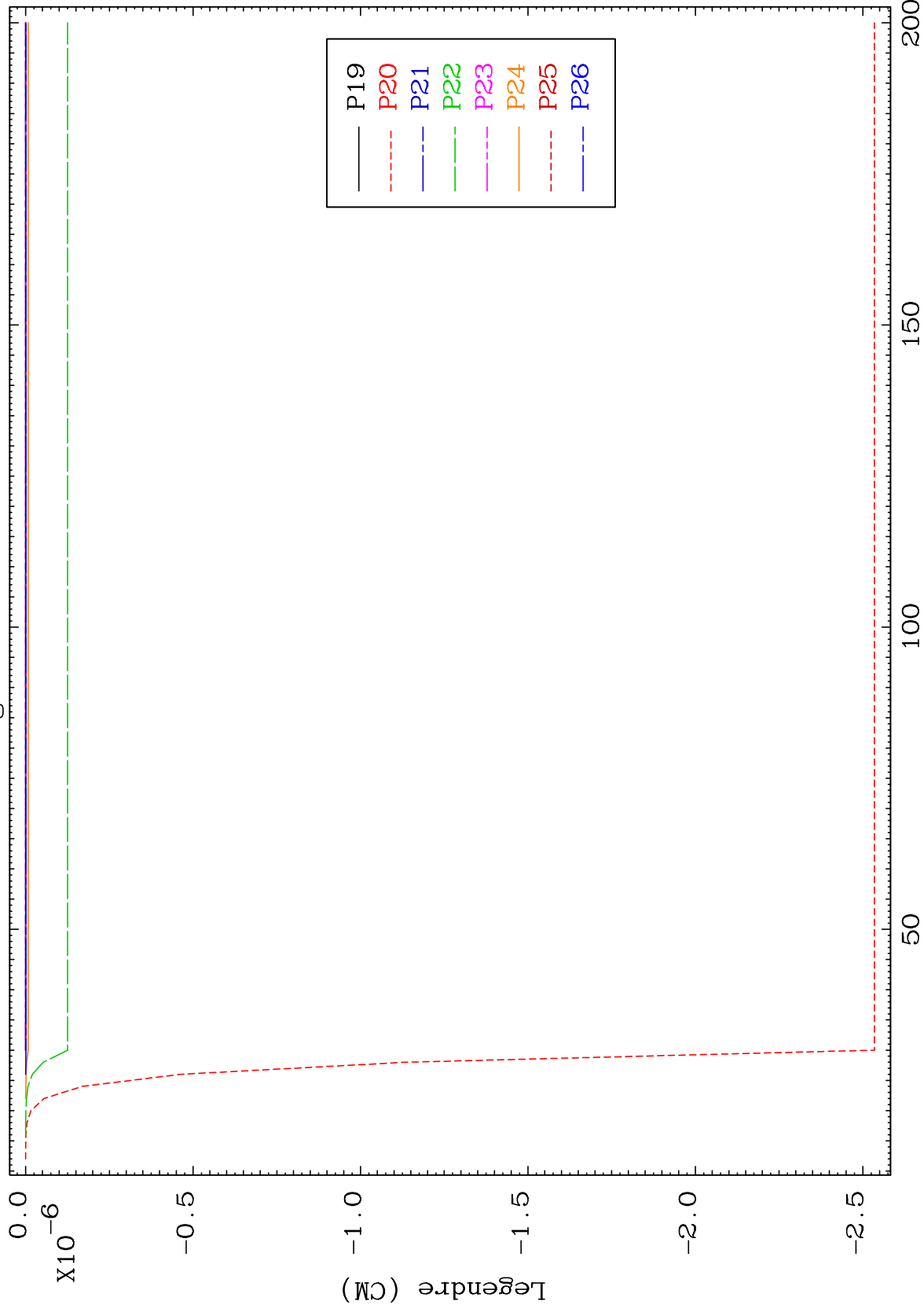
Legendre Coefficients



68

Incident Energy (MeV)

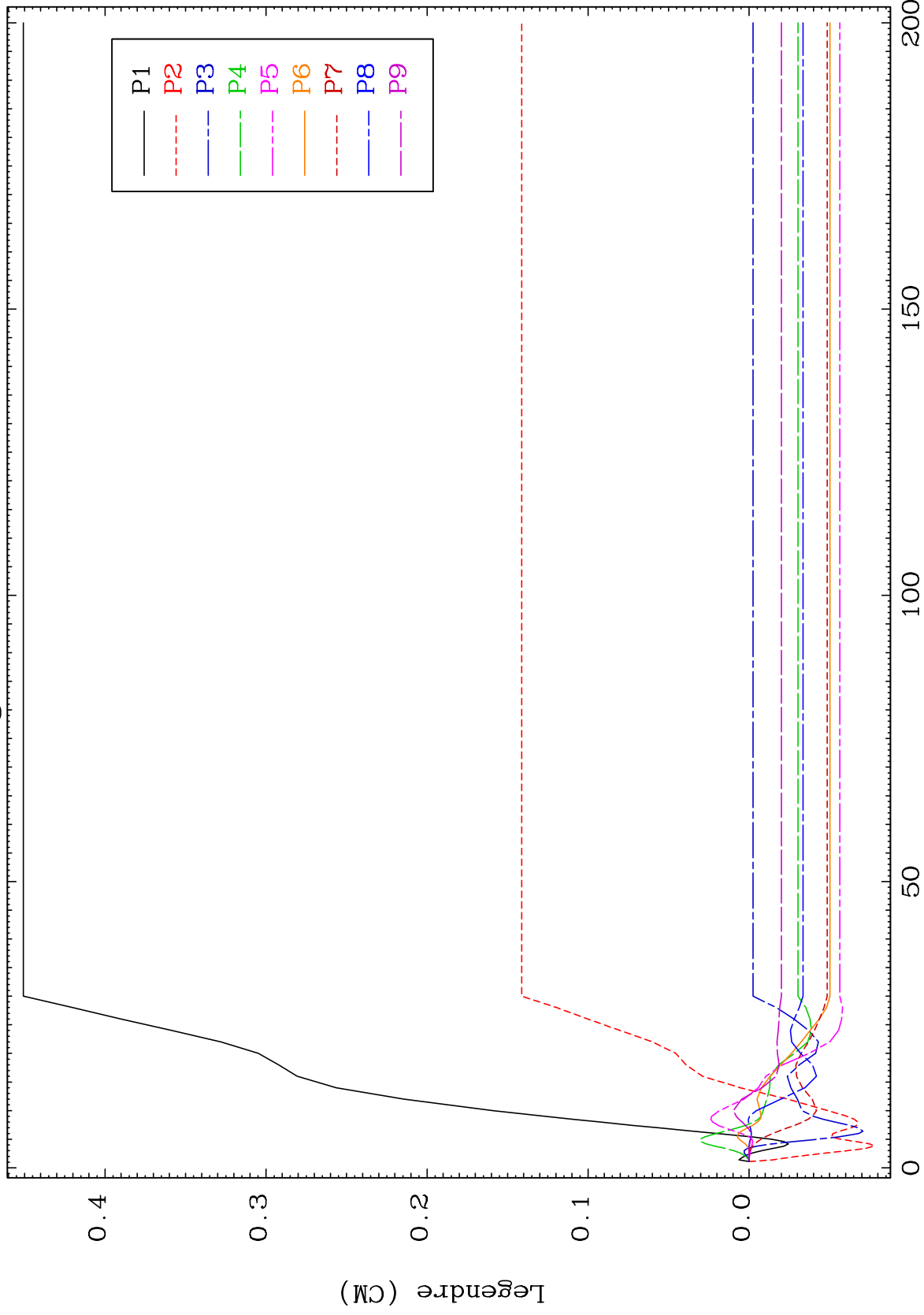
53-I -125



MAT 5319

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

53-I -125



53-I -125

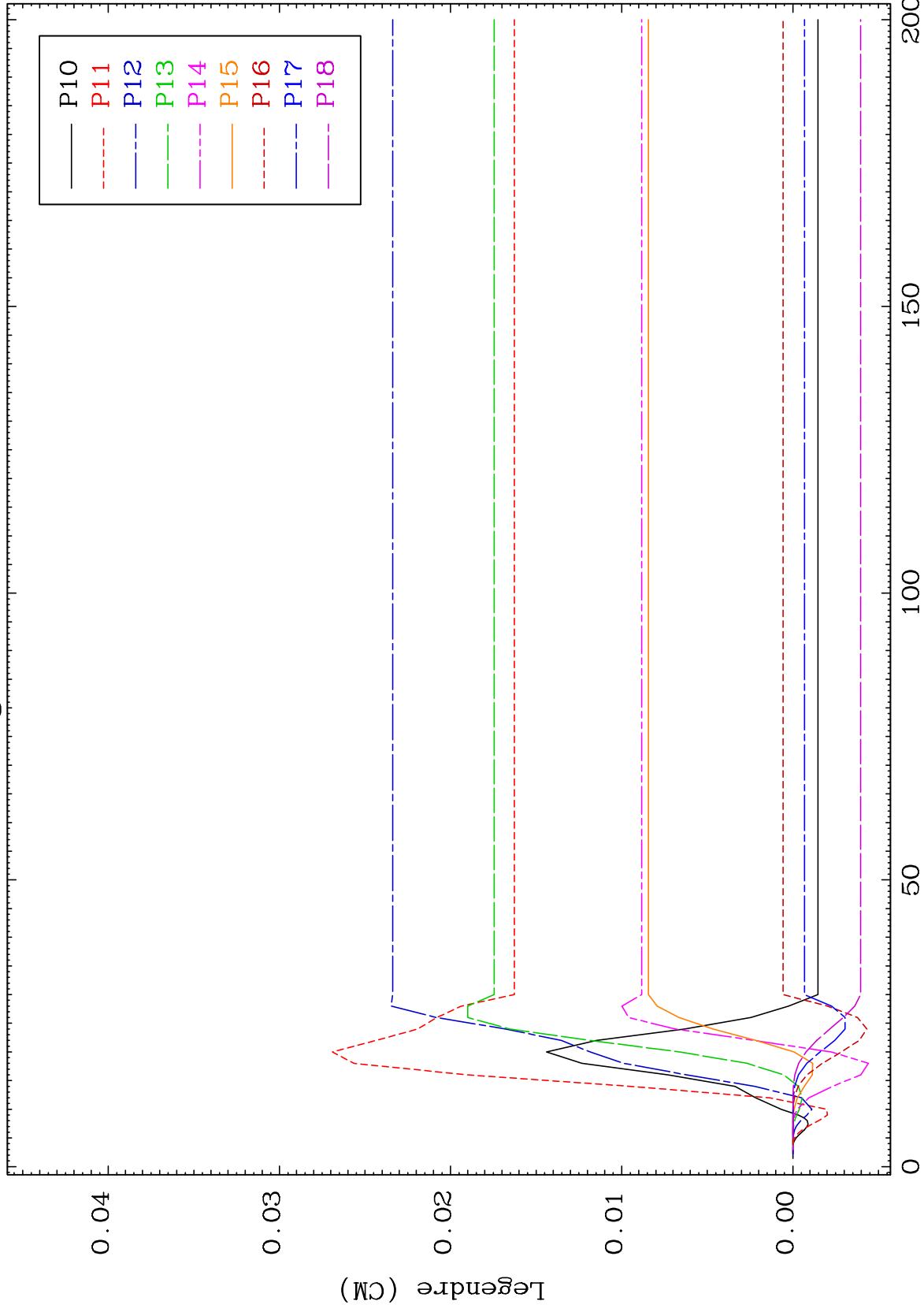
Incident Energy (MeV)

70

MAT 5319

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

53-I -125



71

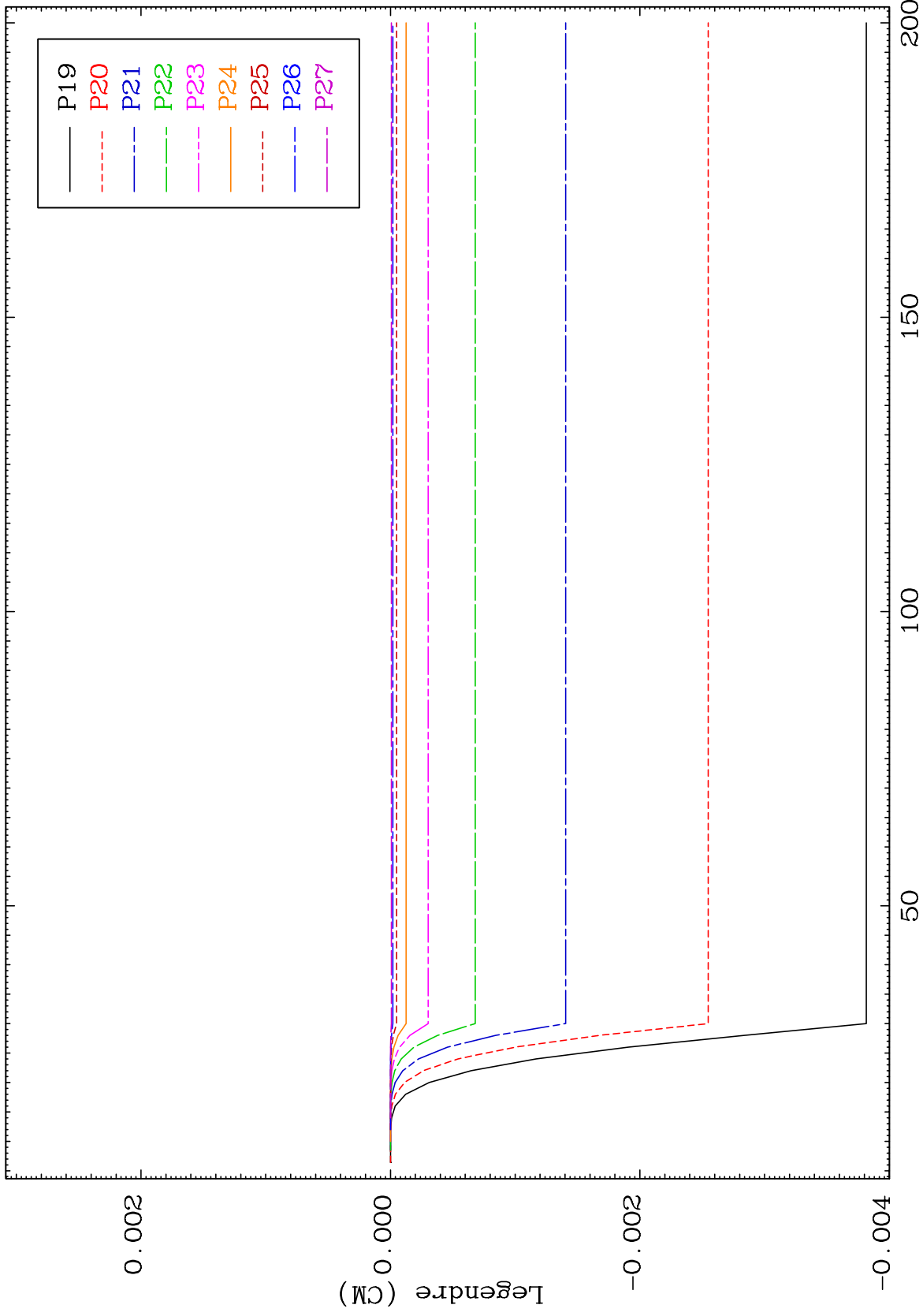
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



72

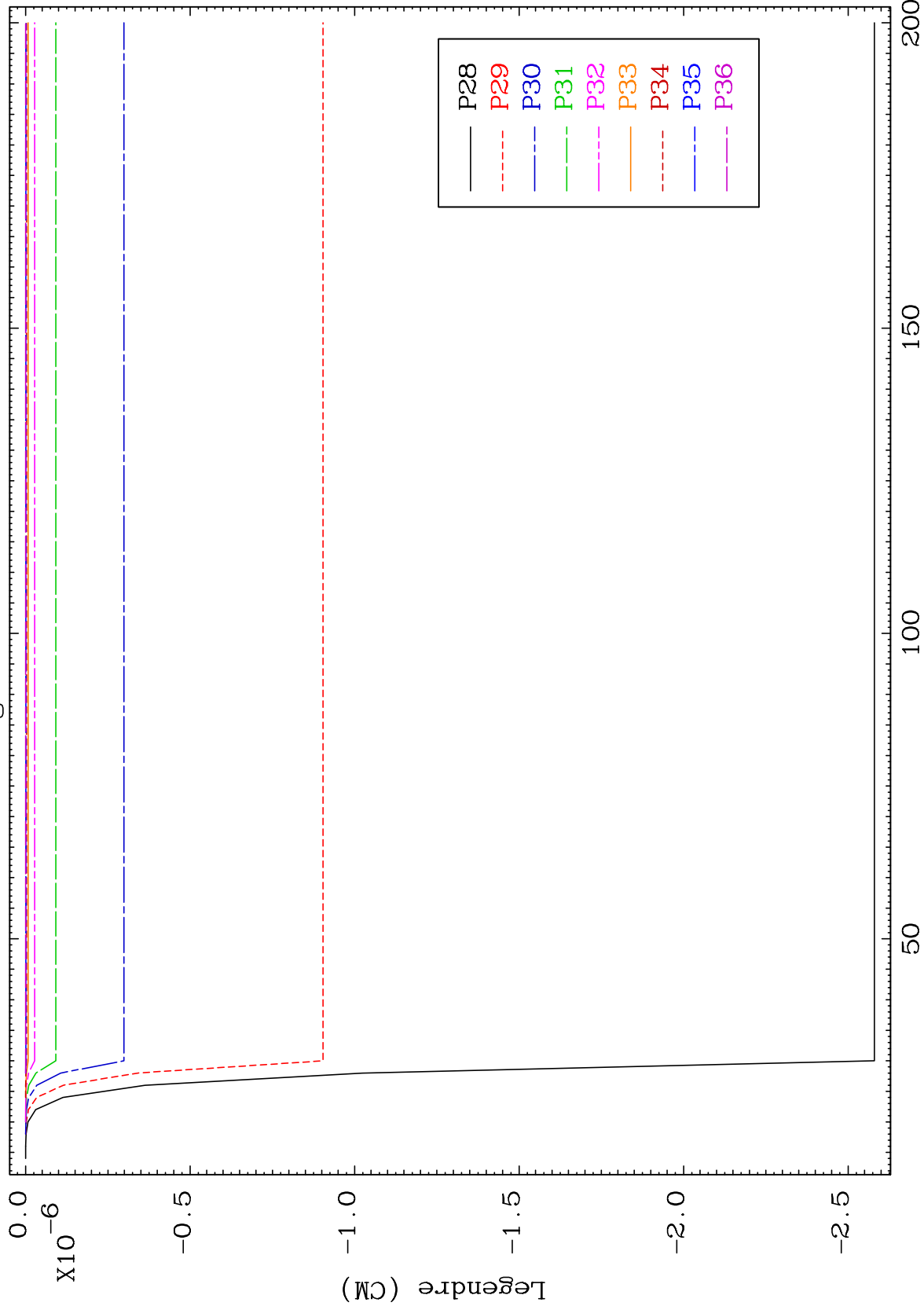
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



53-I -125

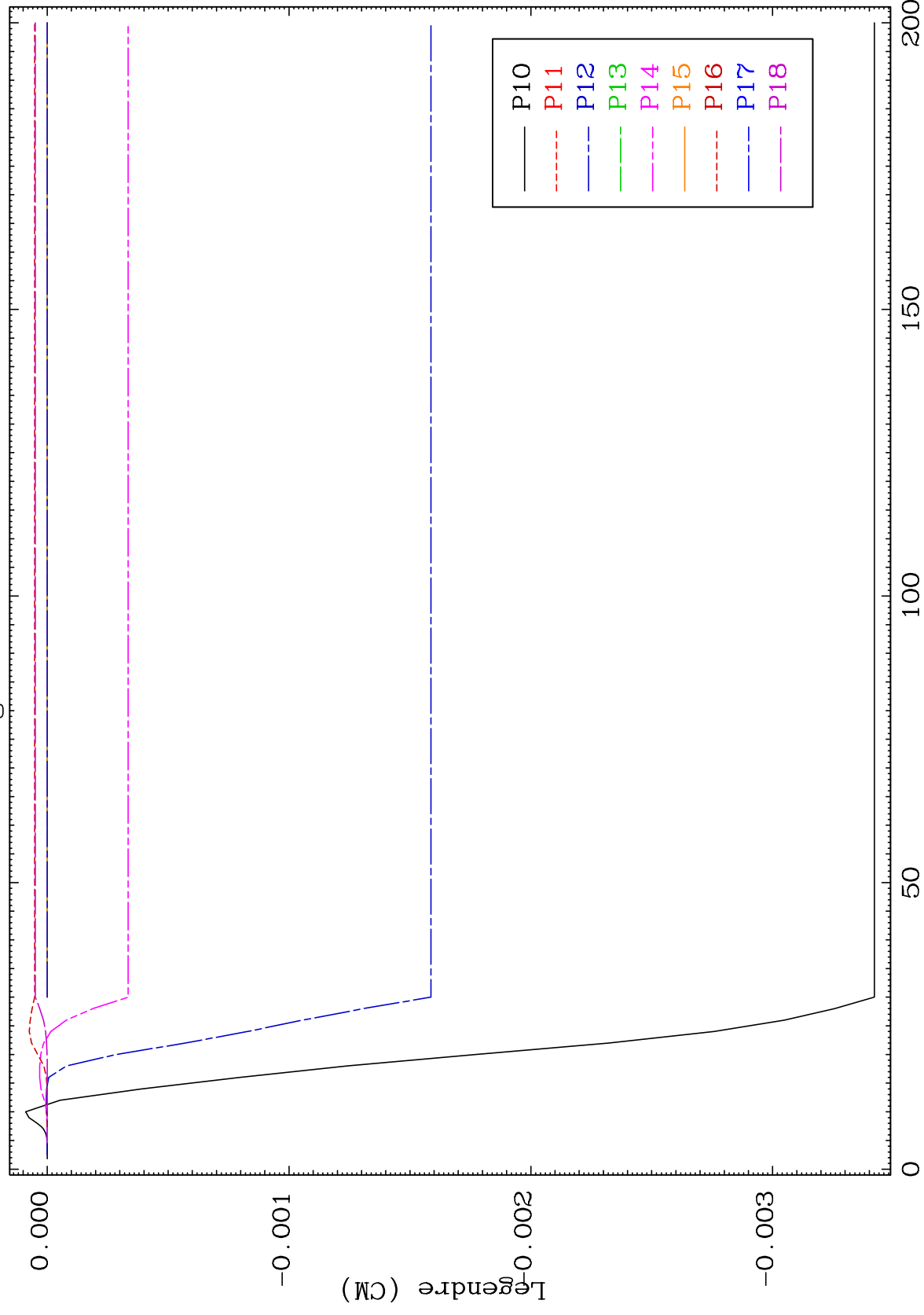
Incident Energy (MeV)

73

MAT 5319

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

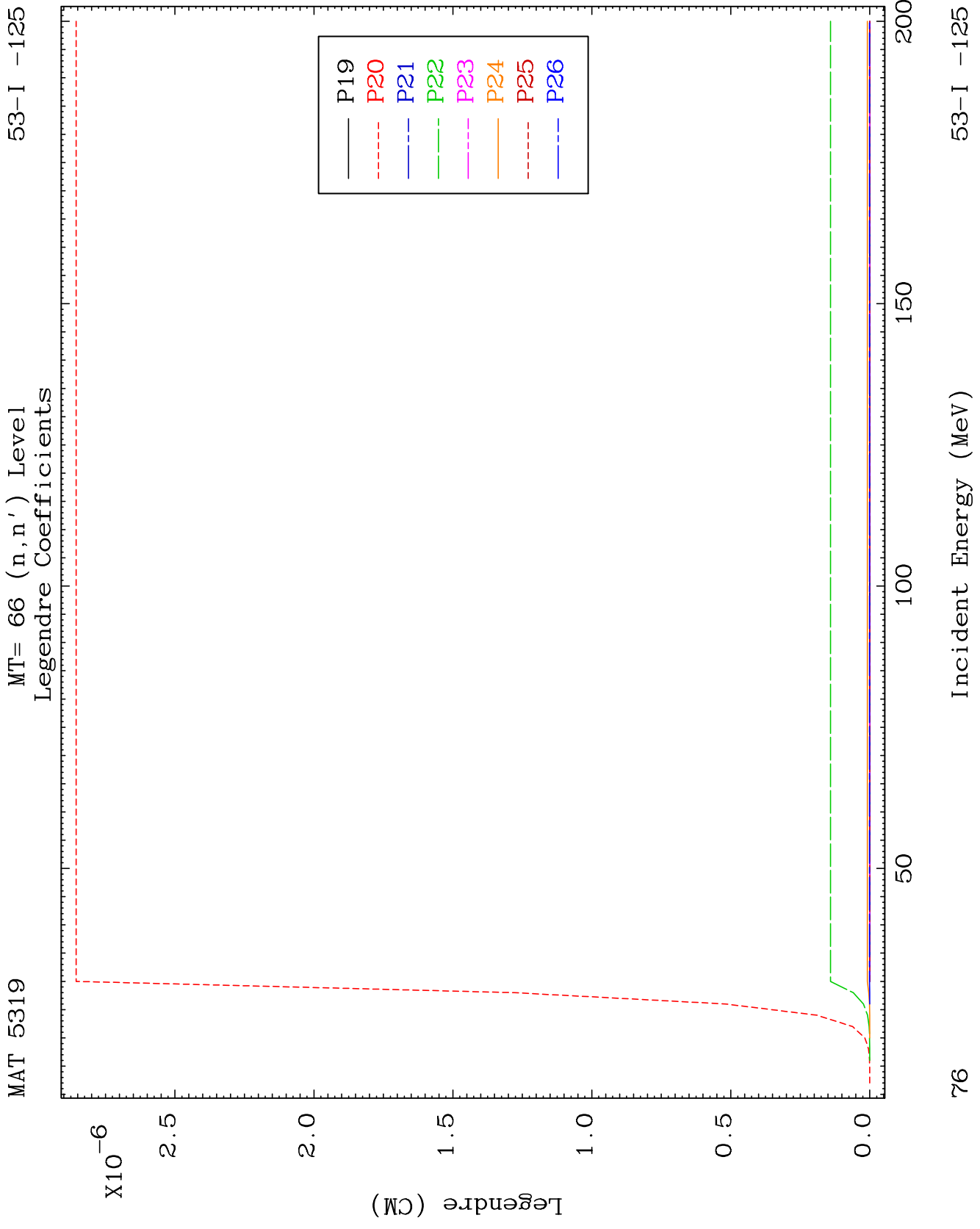
53-I -125



75

Incident Energy (MeV)

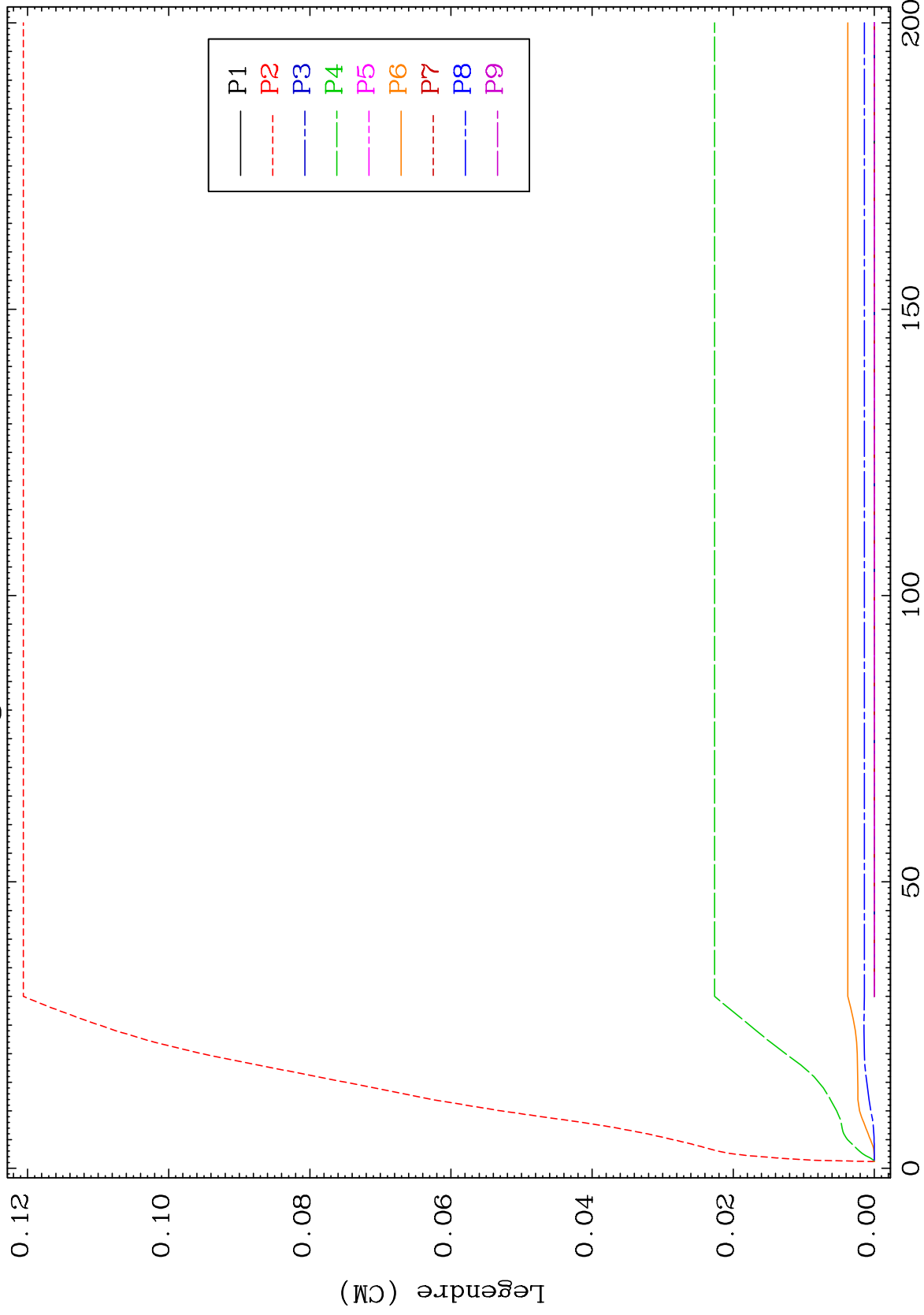
53-I -125



MAT 5319

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

53-I -125



77

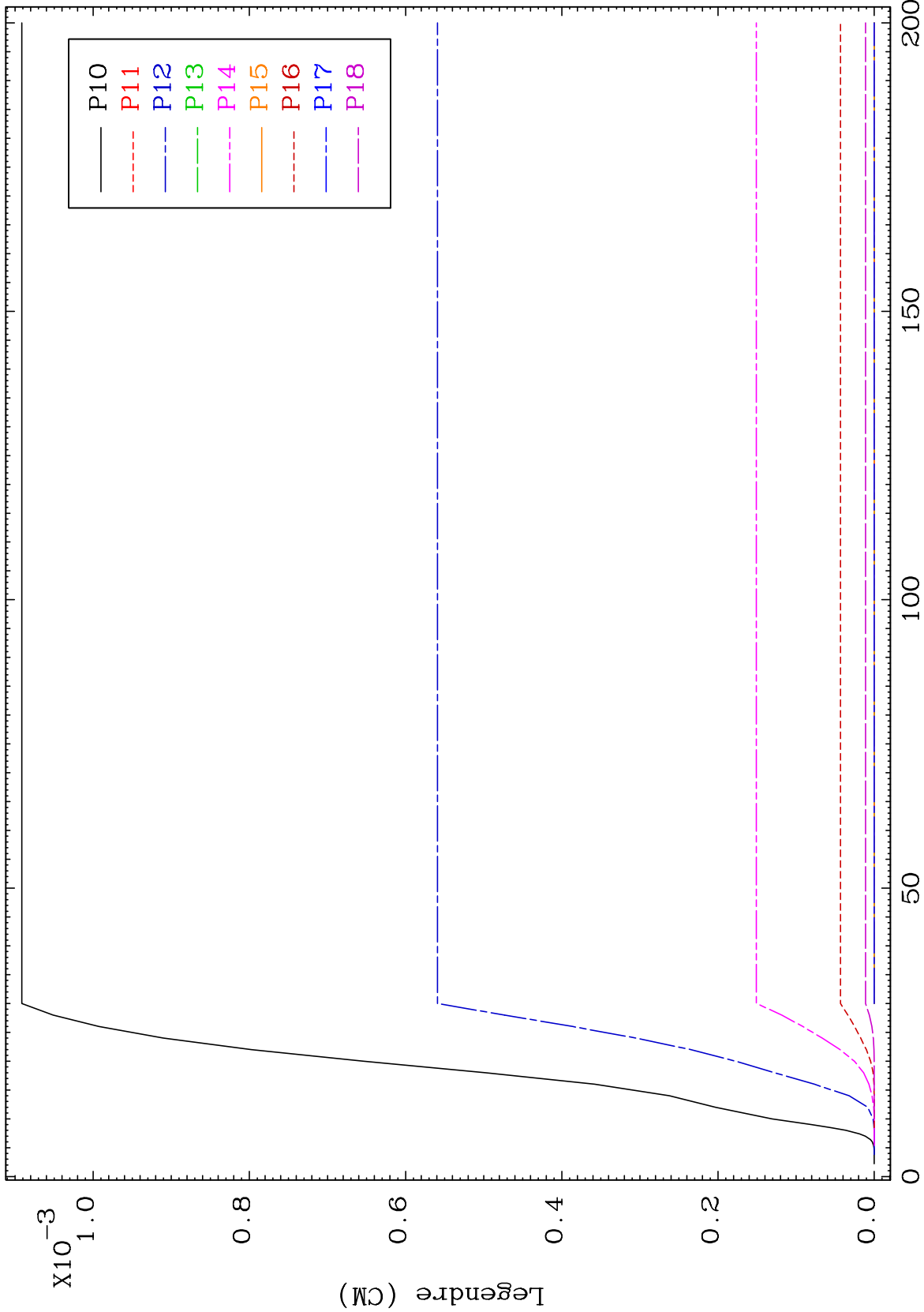
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



78

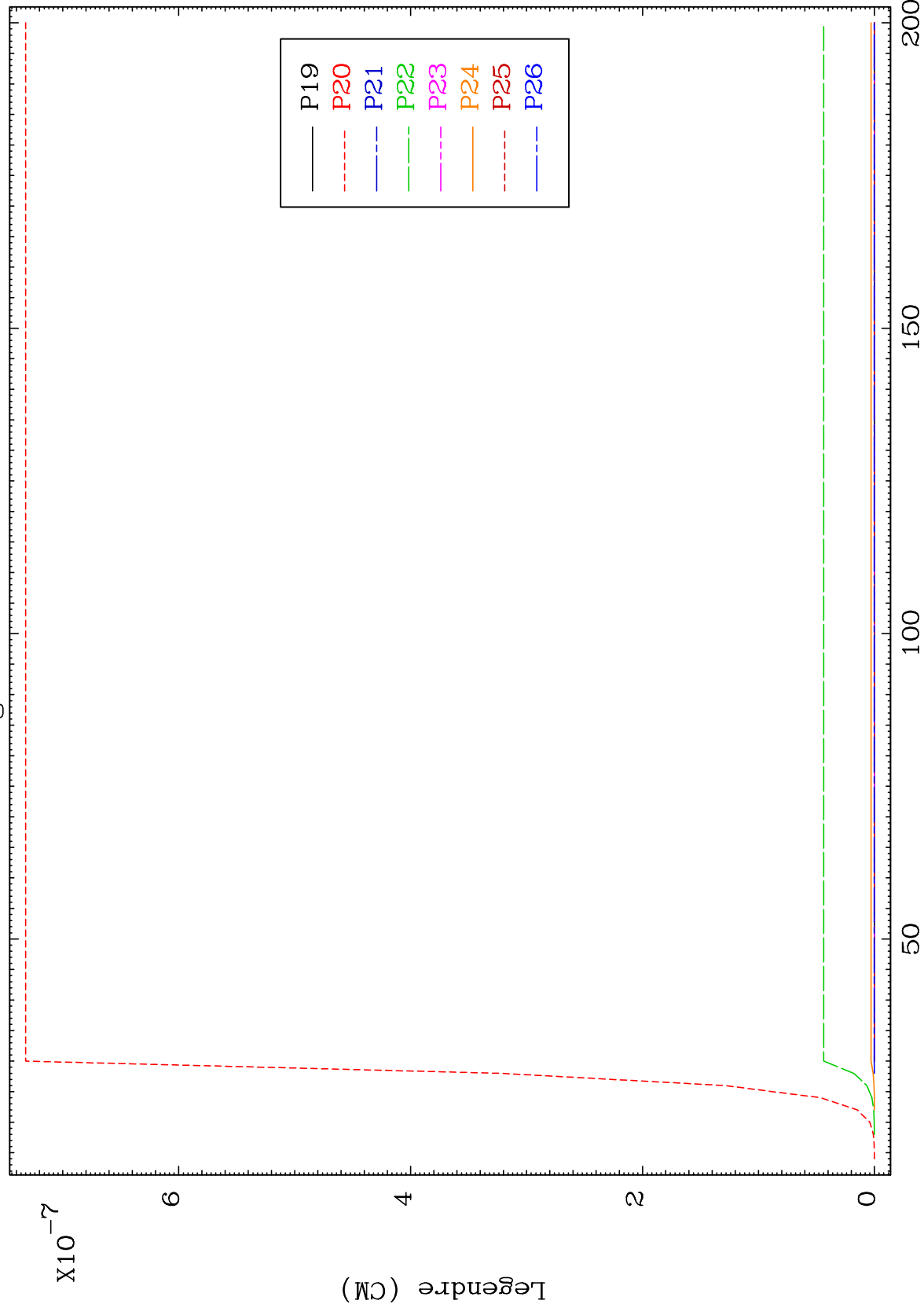
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



79

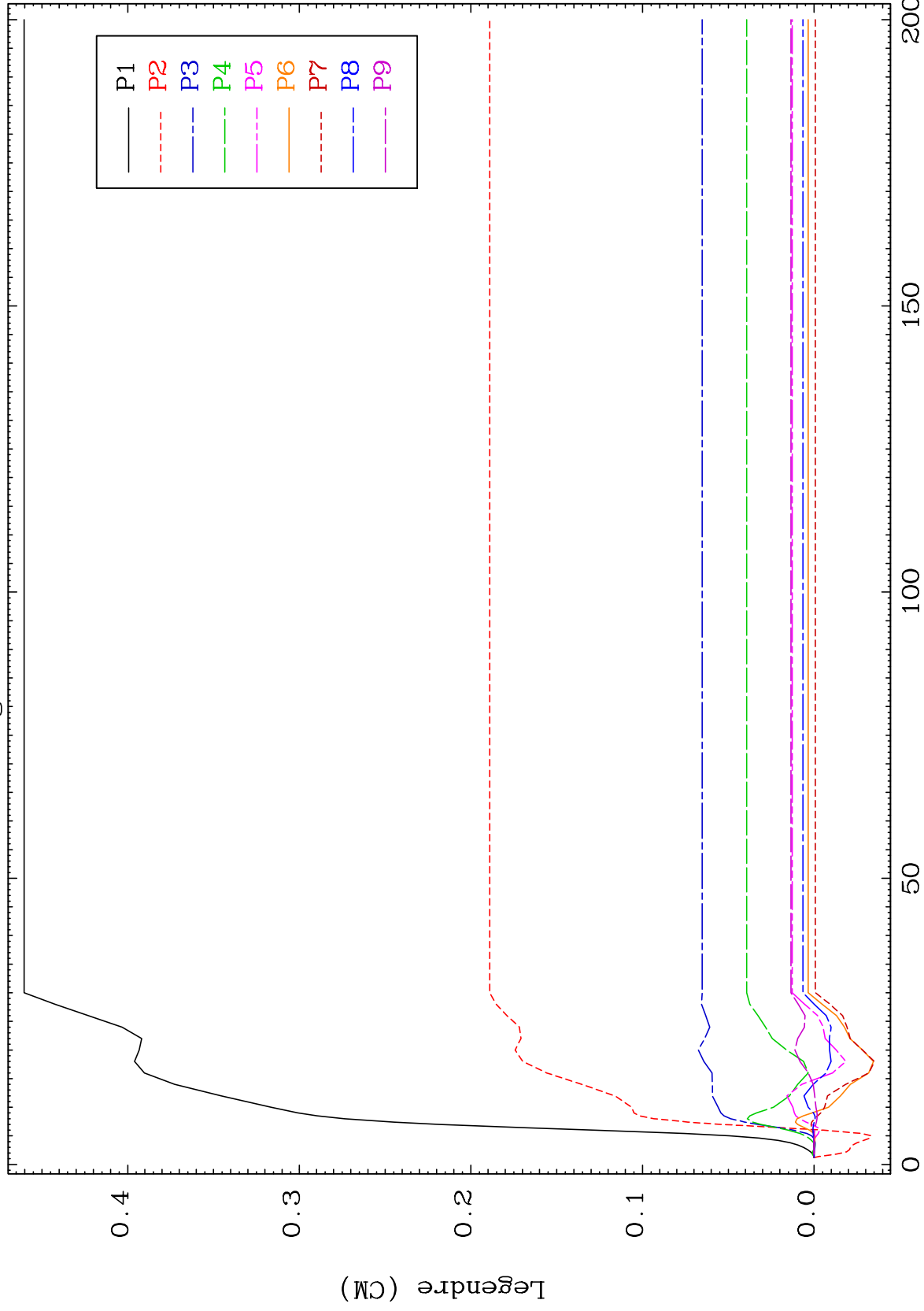
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



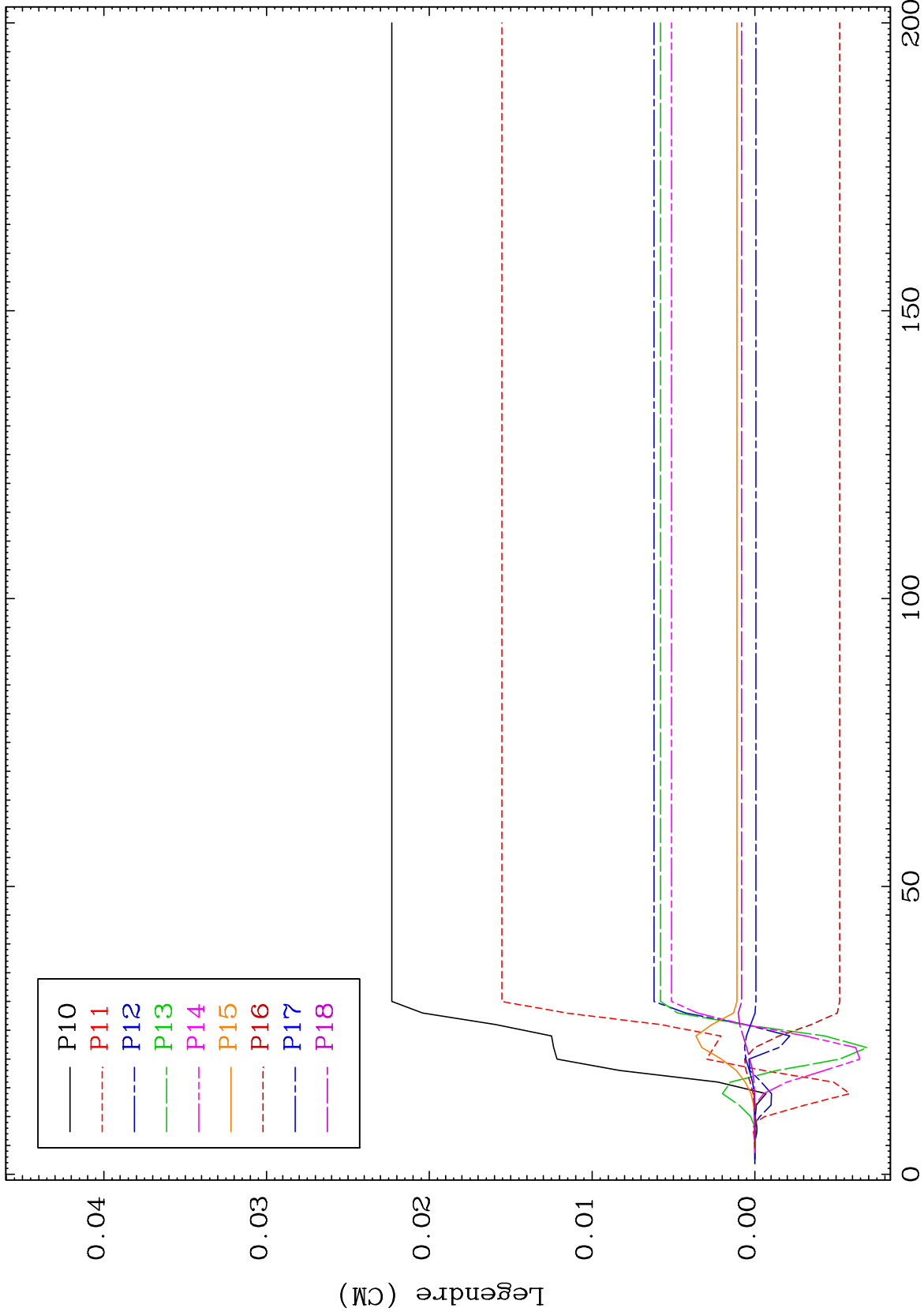
53-I -125

53-I -125

MAT 5319

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

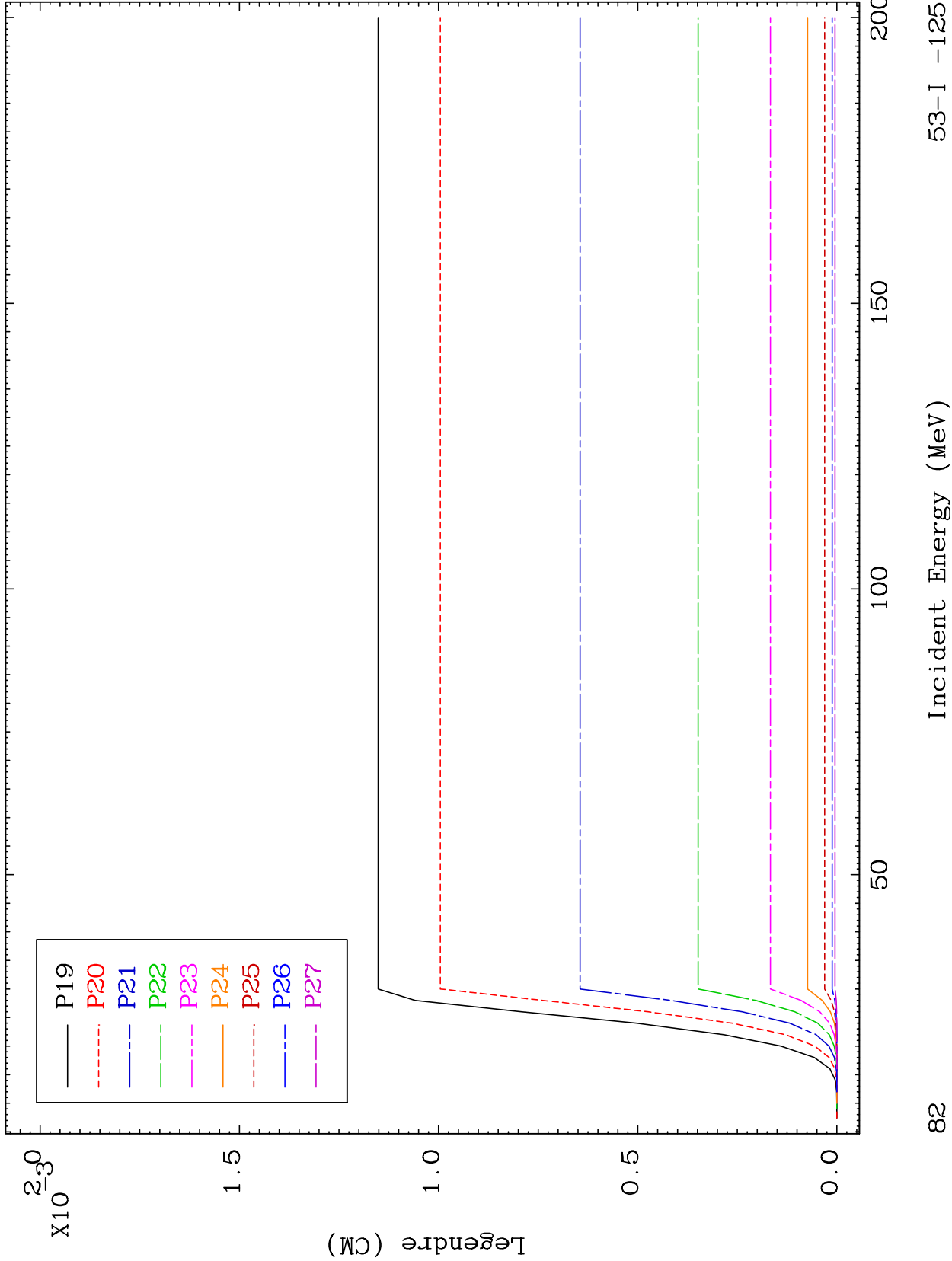
53-I -125



81

Incident Energy (MeV)

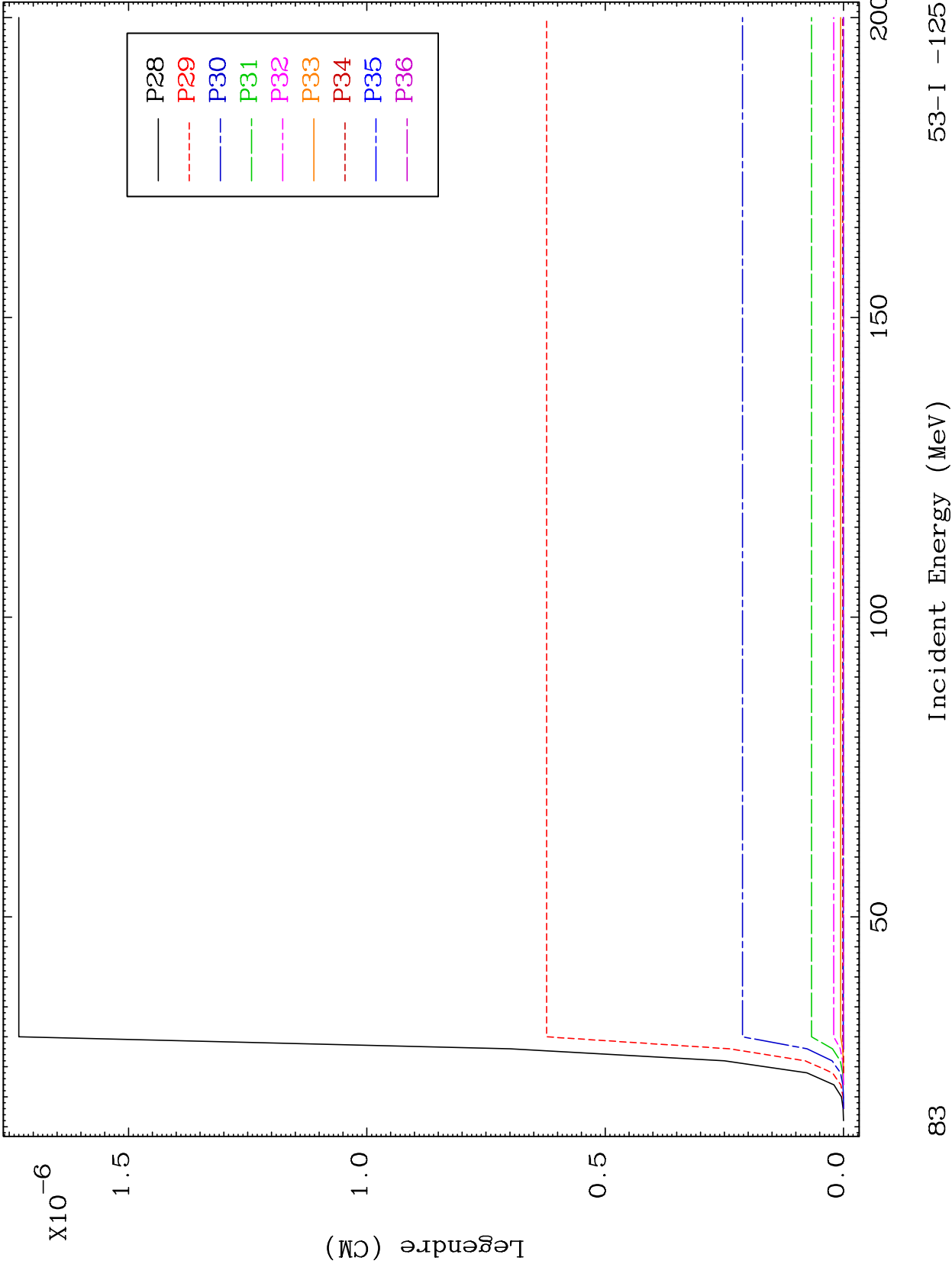
53-I -125



MAT 5319

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

53-I -125



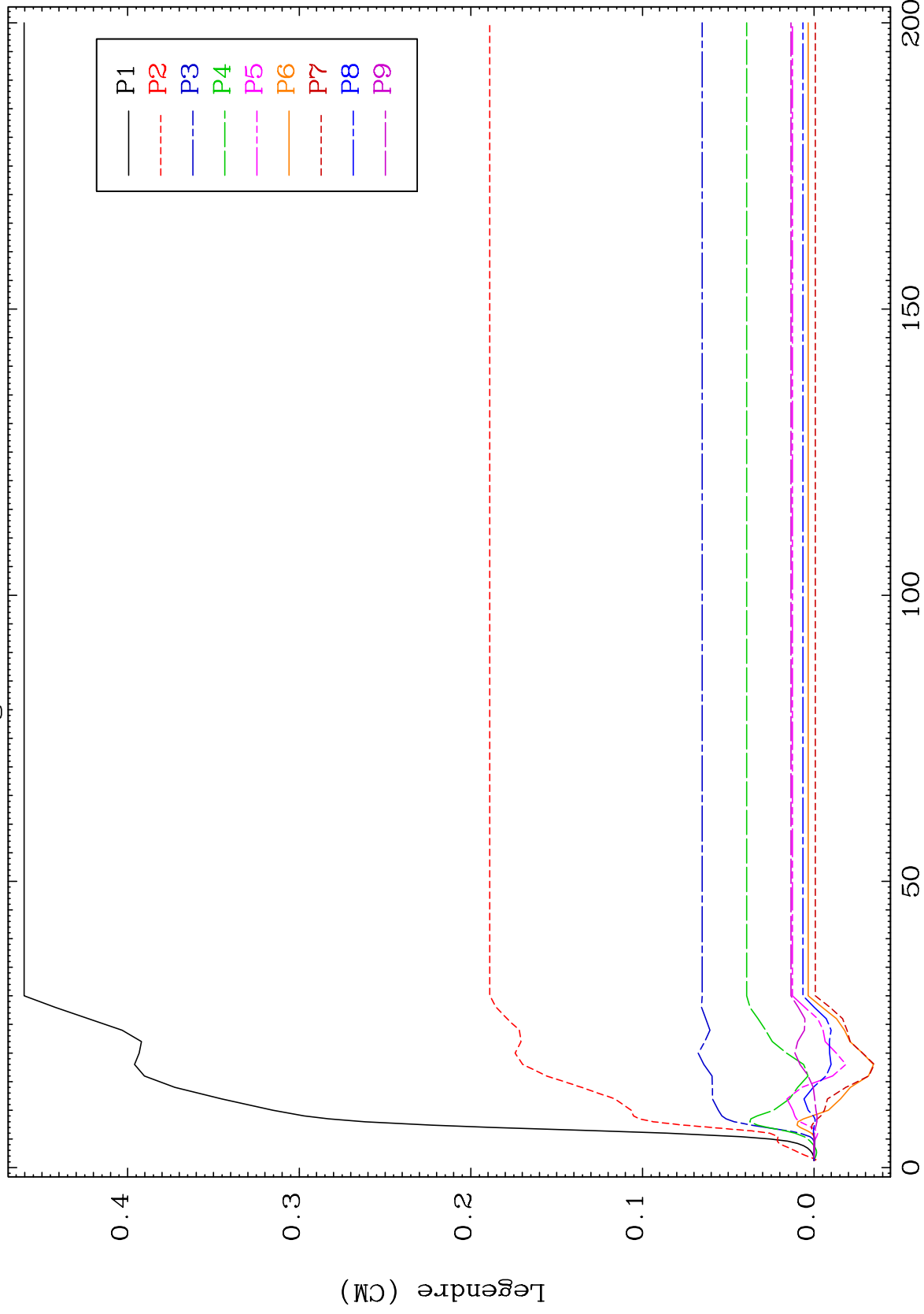
83

53-I -125

MAT 5319

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

53-I -125



84

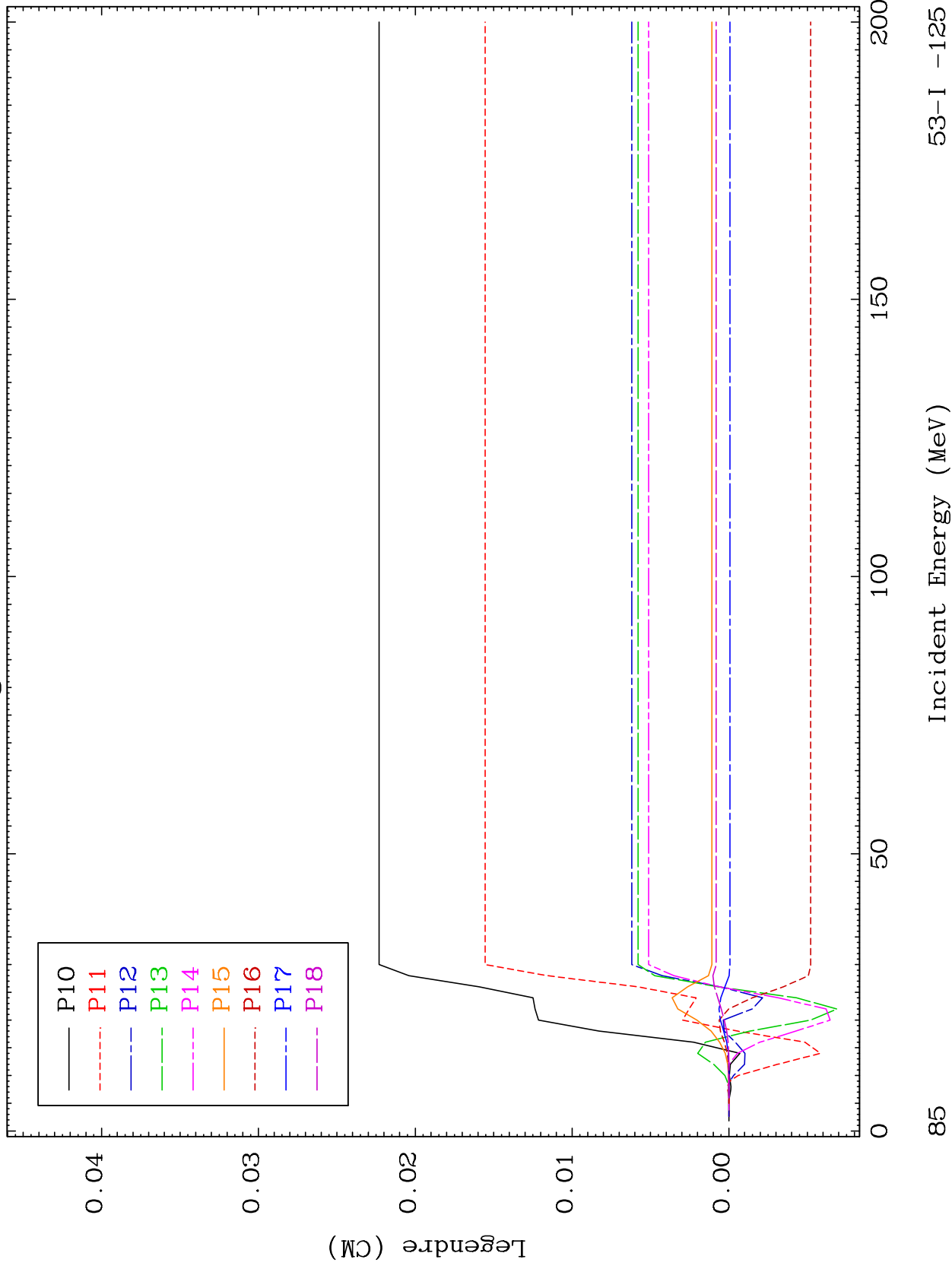
Incident Energy (MeV)

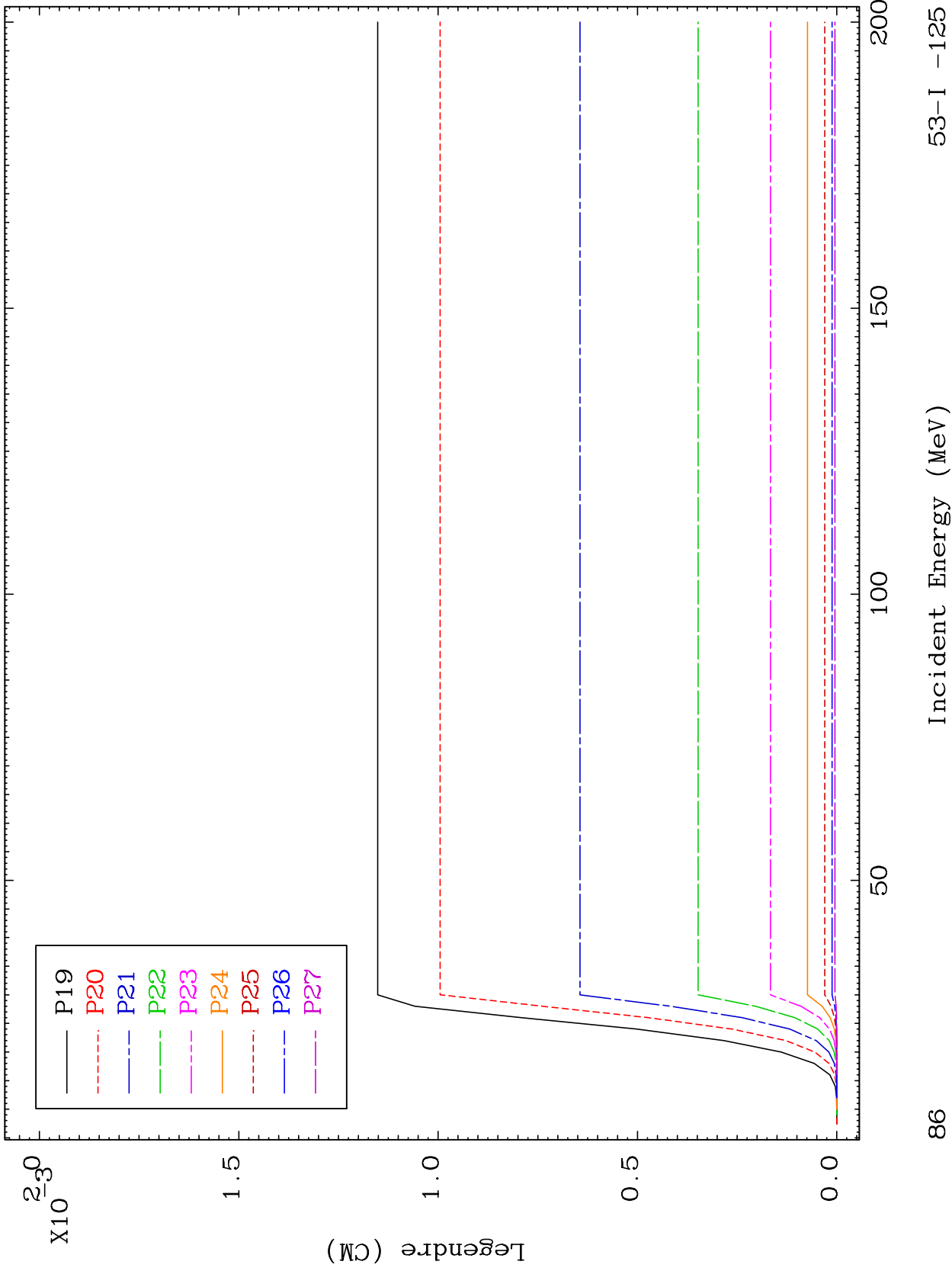
53-I -125

MAT 5319

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

53-I -125

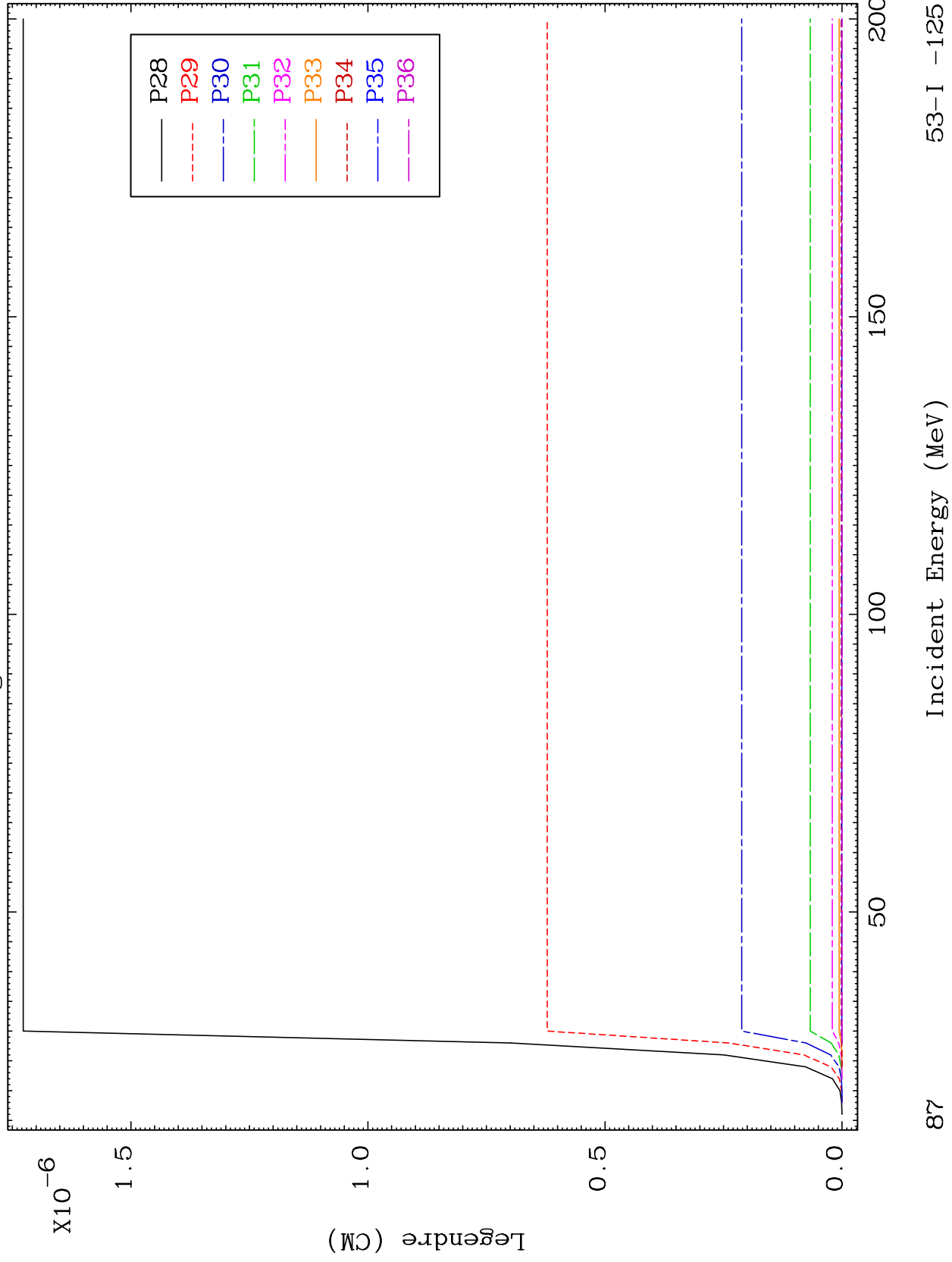




MAT 5319

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

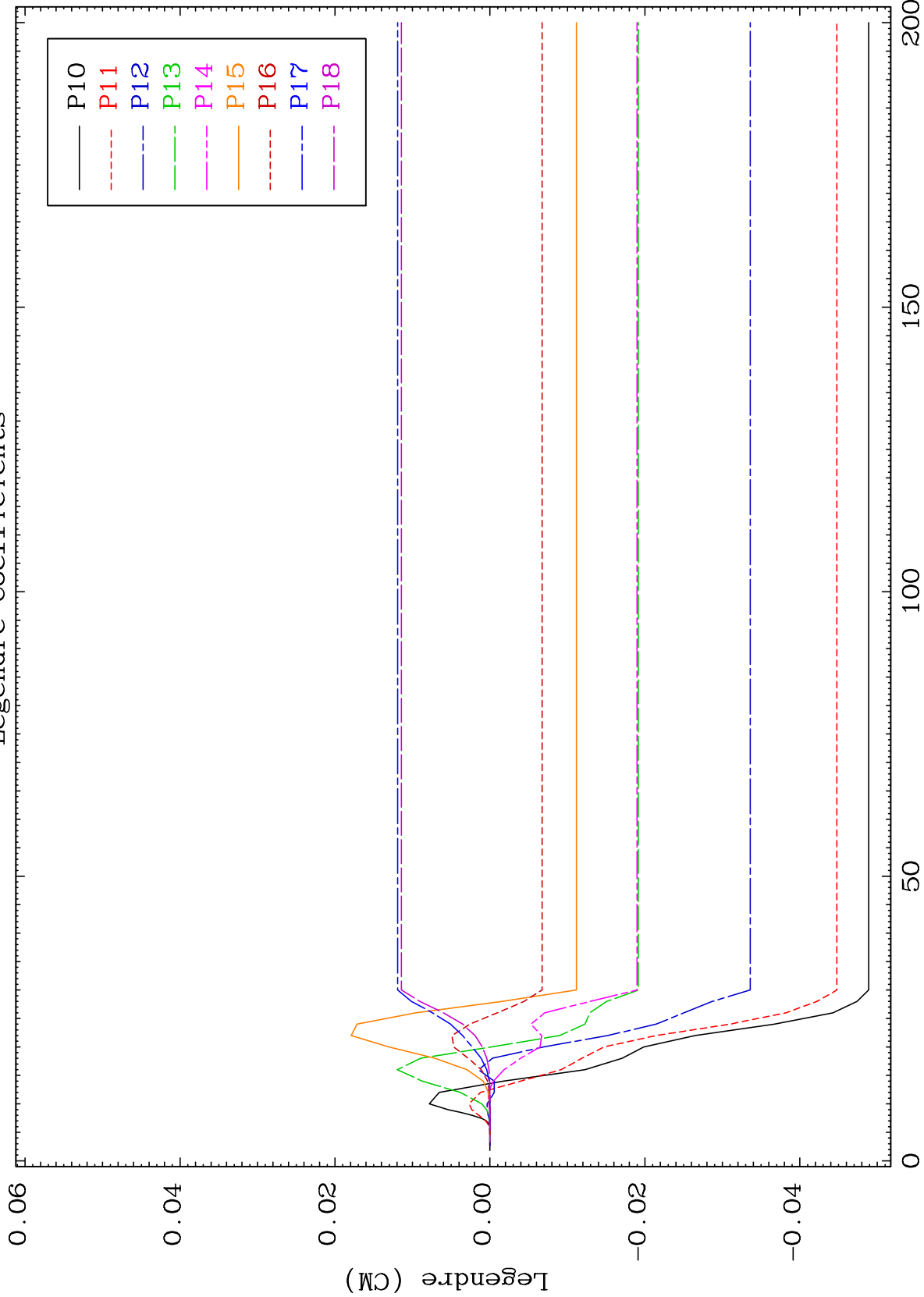
53-I -125



MAT 5319

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

53-I -125



89

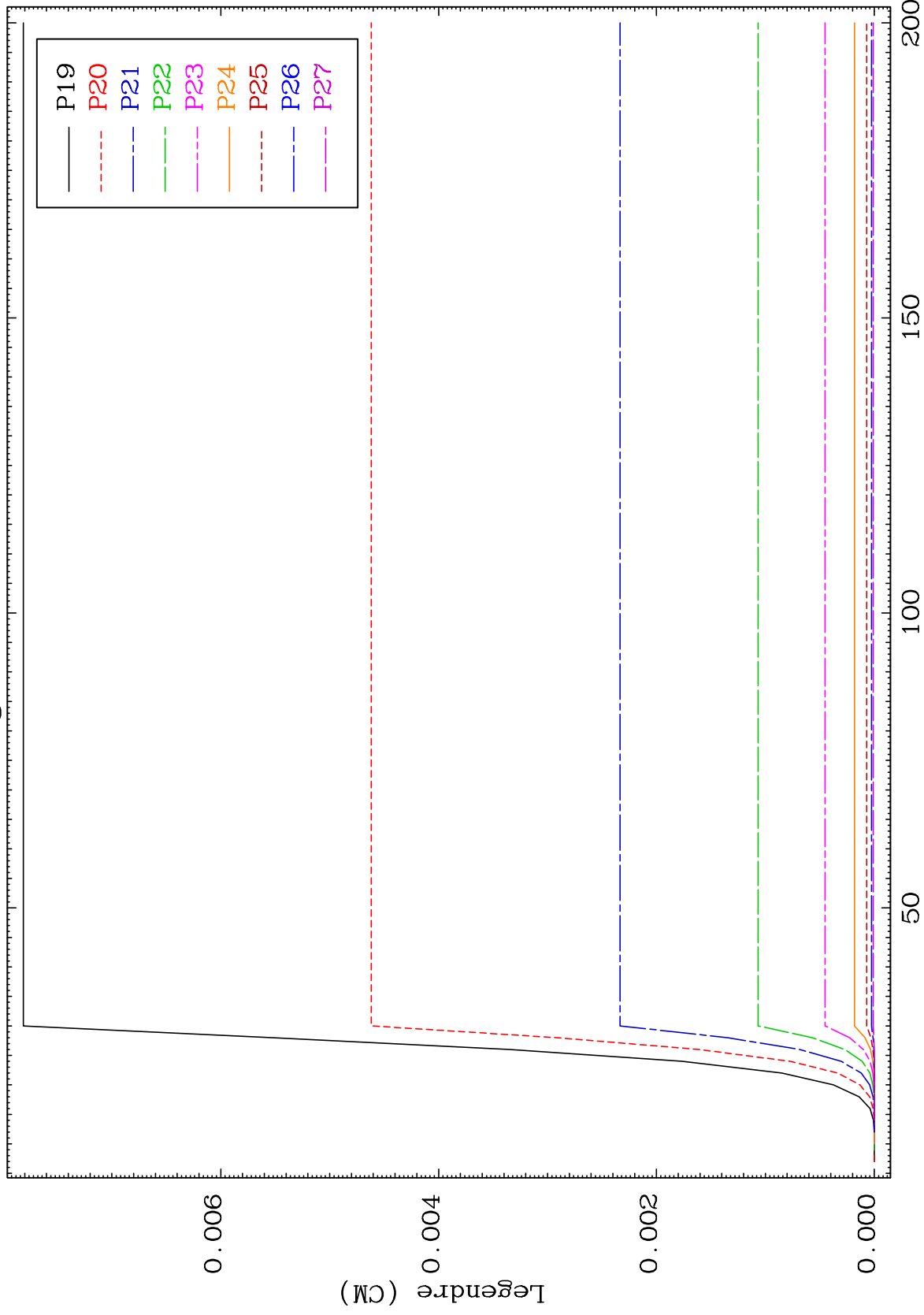
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



90

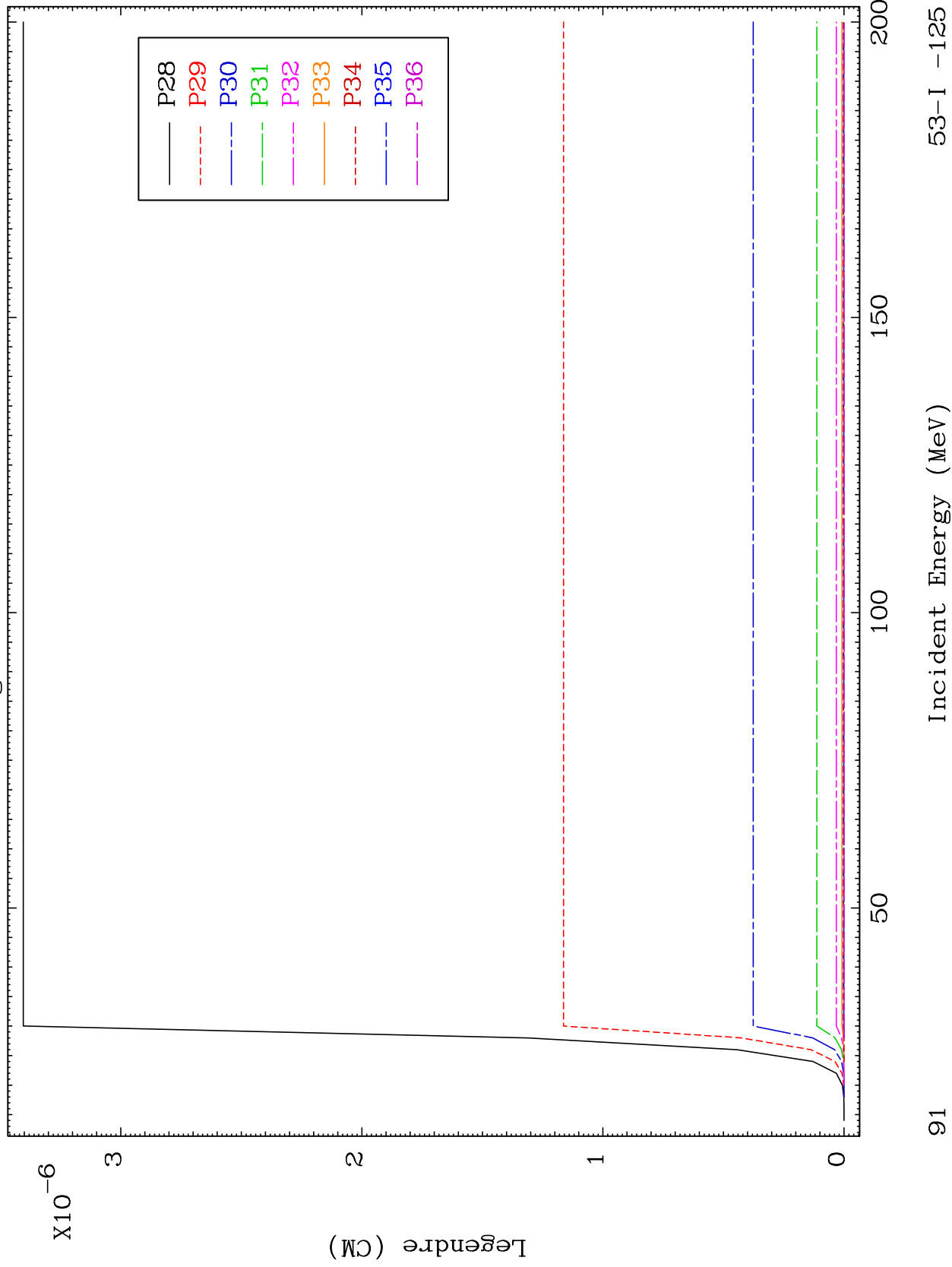
Incident Energy (MeV)

53-I -125

MAT 5319

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

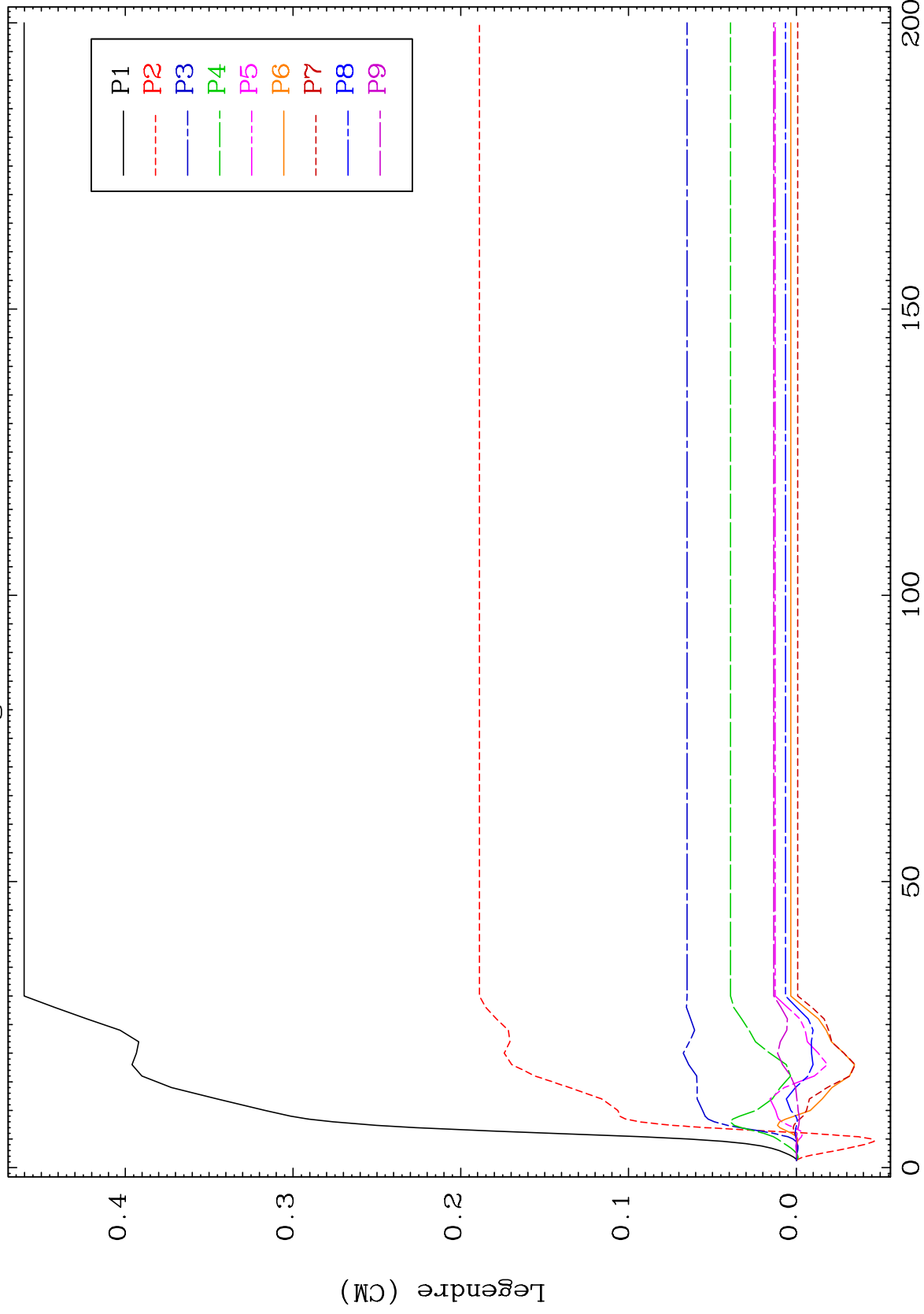
53-I -125



MAT 5319

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

53-I -125



92

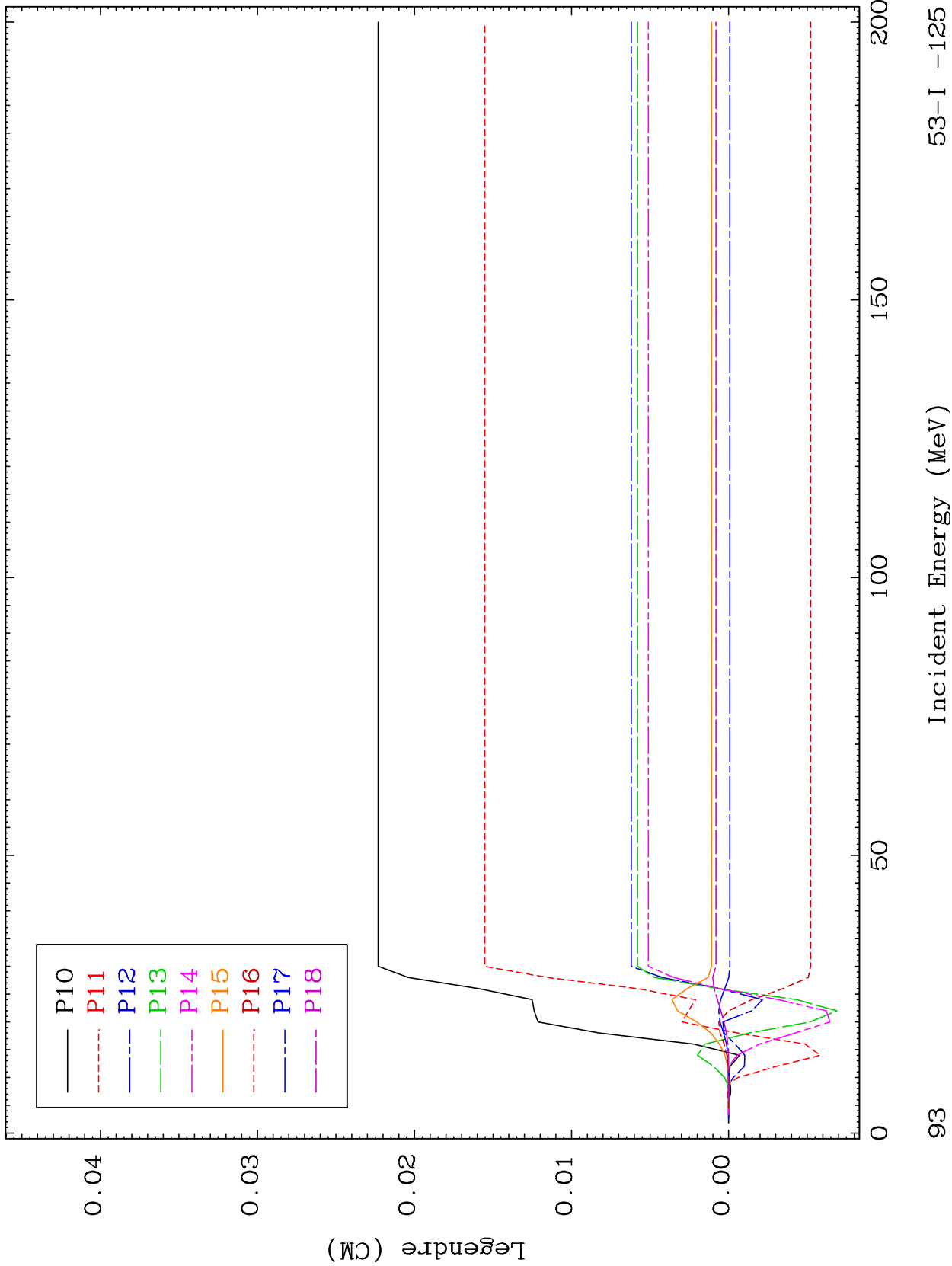
Incident Energy (MeV)

53-I -125

MAT 5319

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

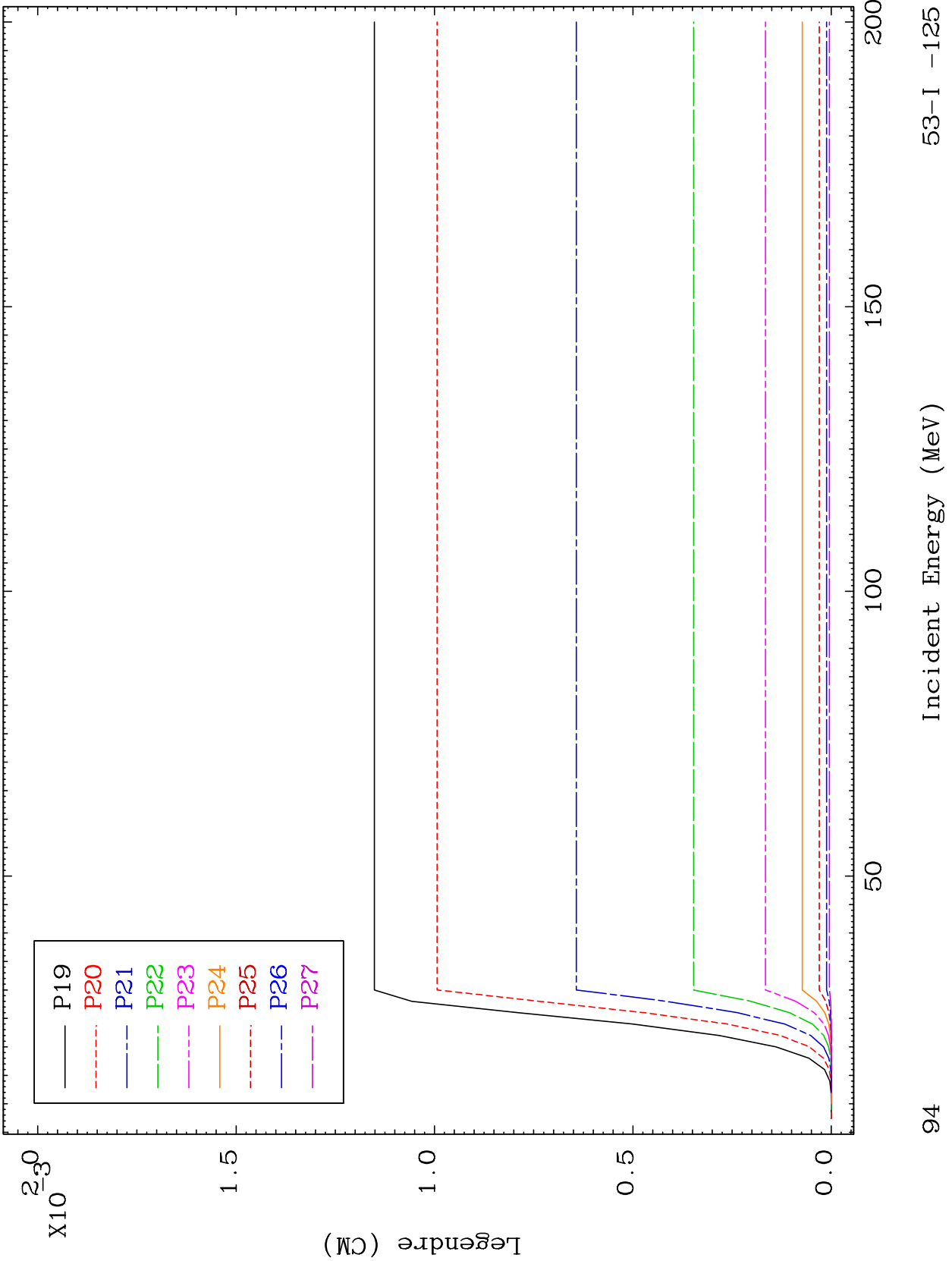
53-I -125



93

Incident Energy (MeV)

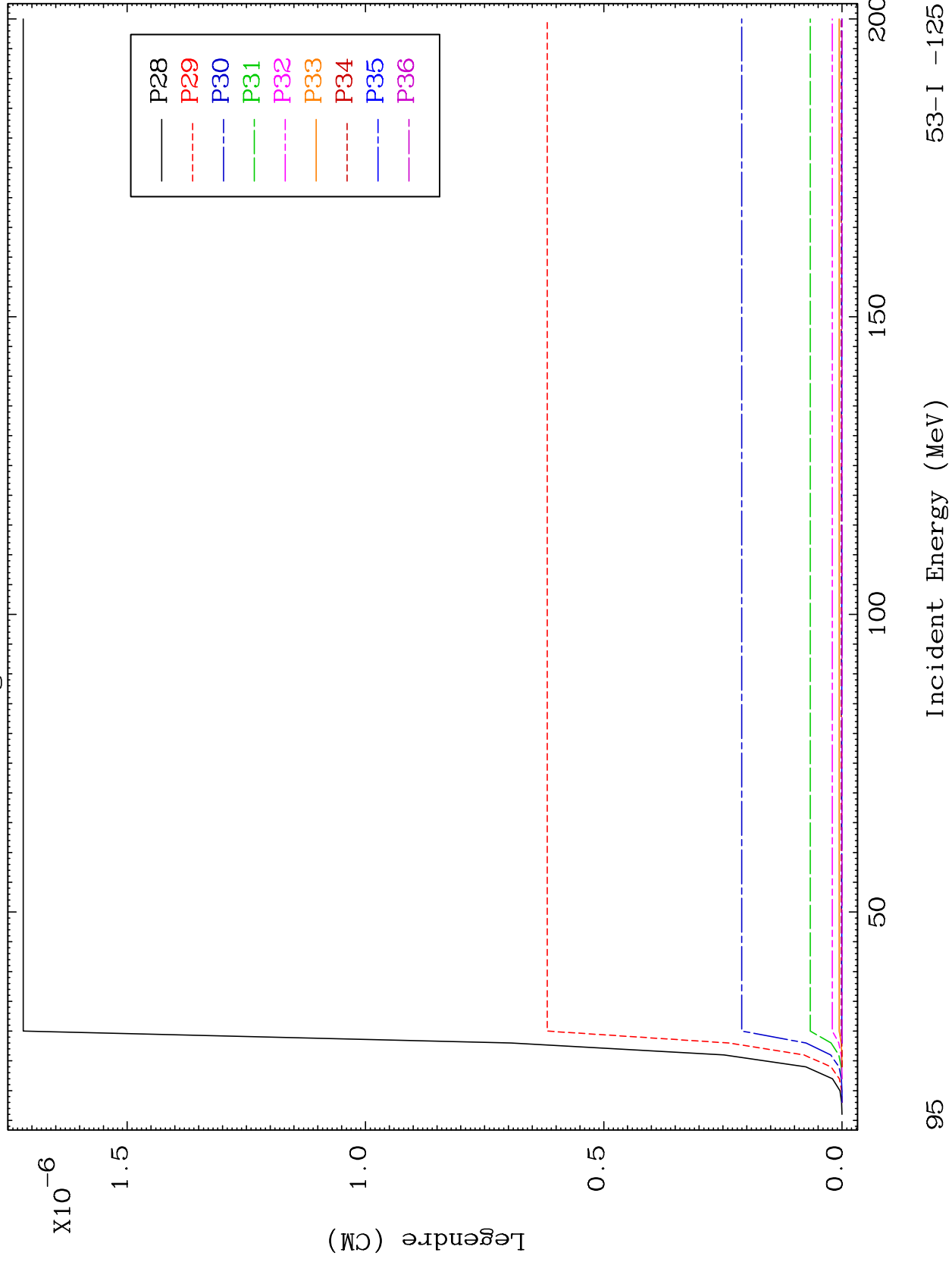
53-I -125

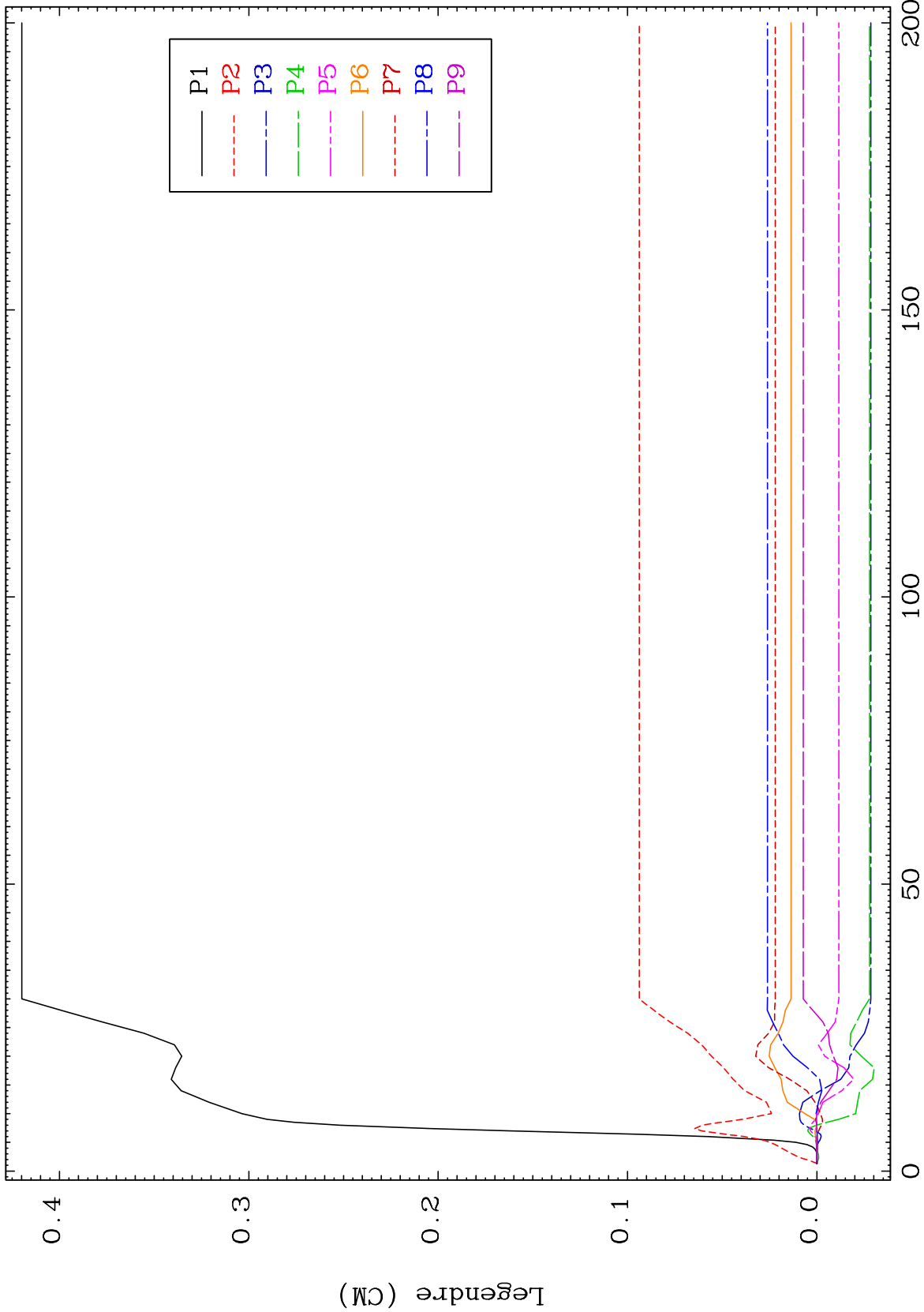


MAT 5319

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

53-I -125

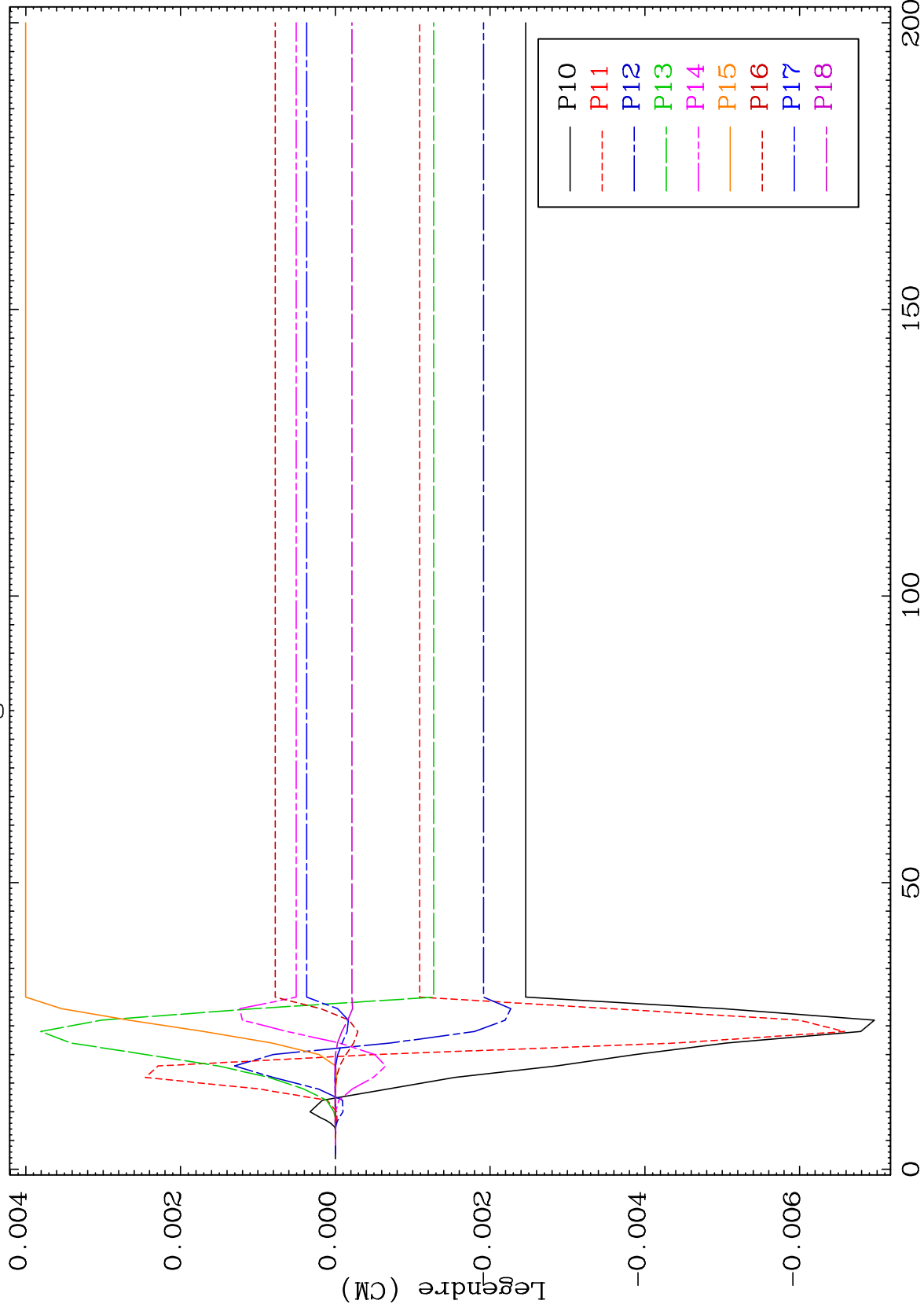




MAT 5319

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

53-I -125



97

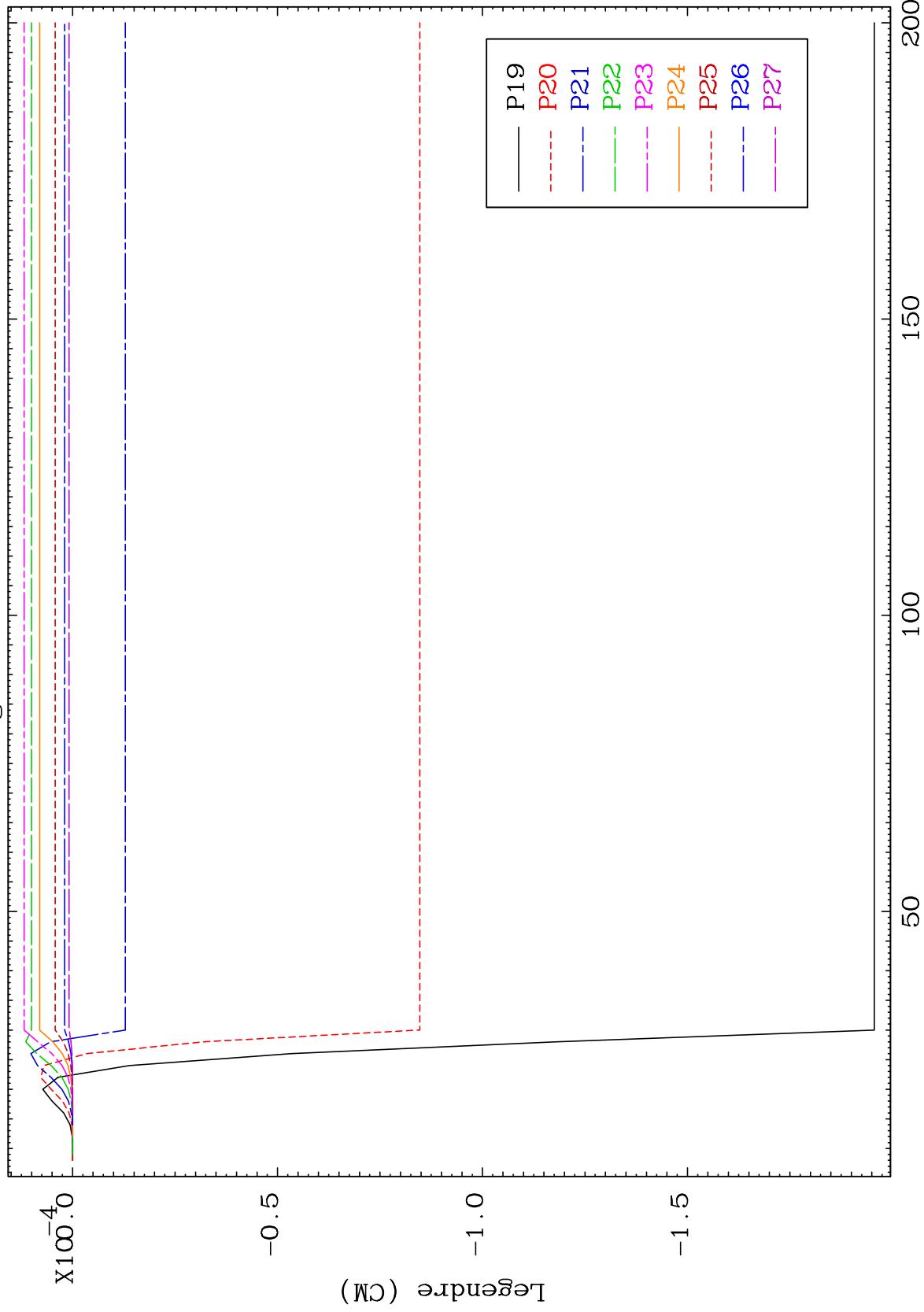
Incident Energy (MeV)

53-I -125

MAT 5319

53-I -125

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



98

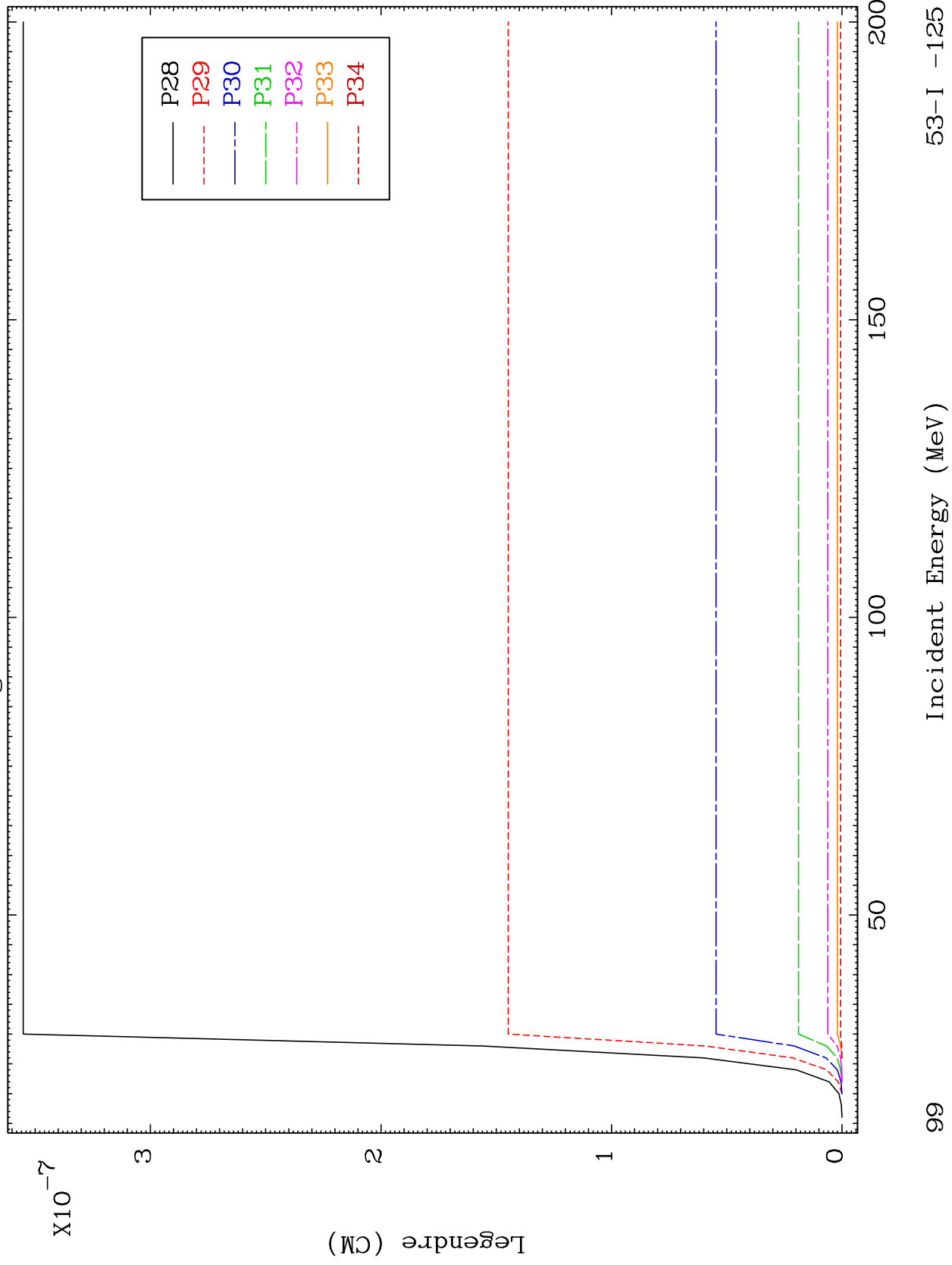
Incident Energy (MeV)

53-I -125

MAT 5319

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

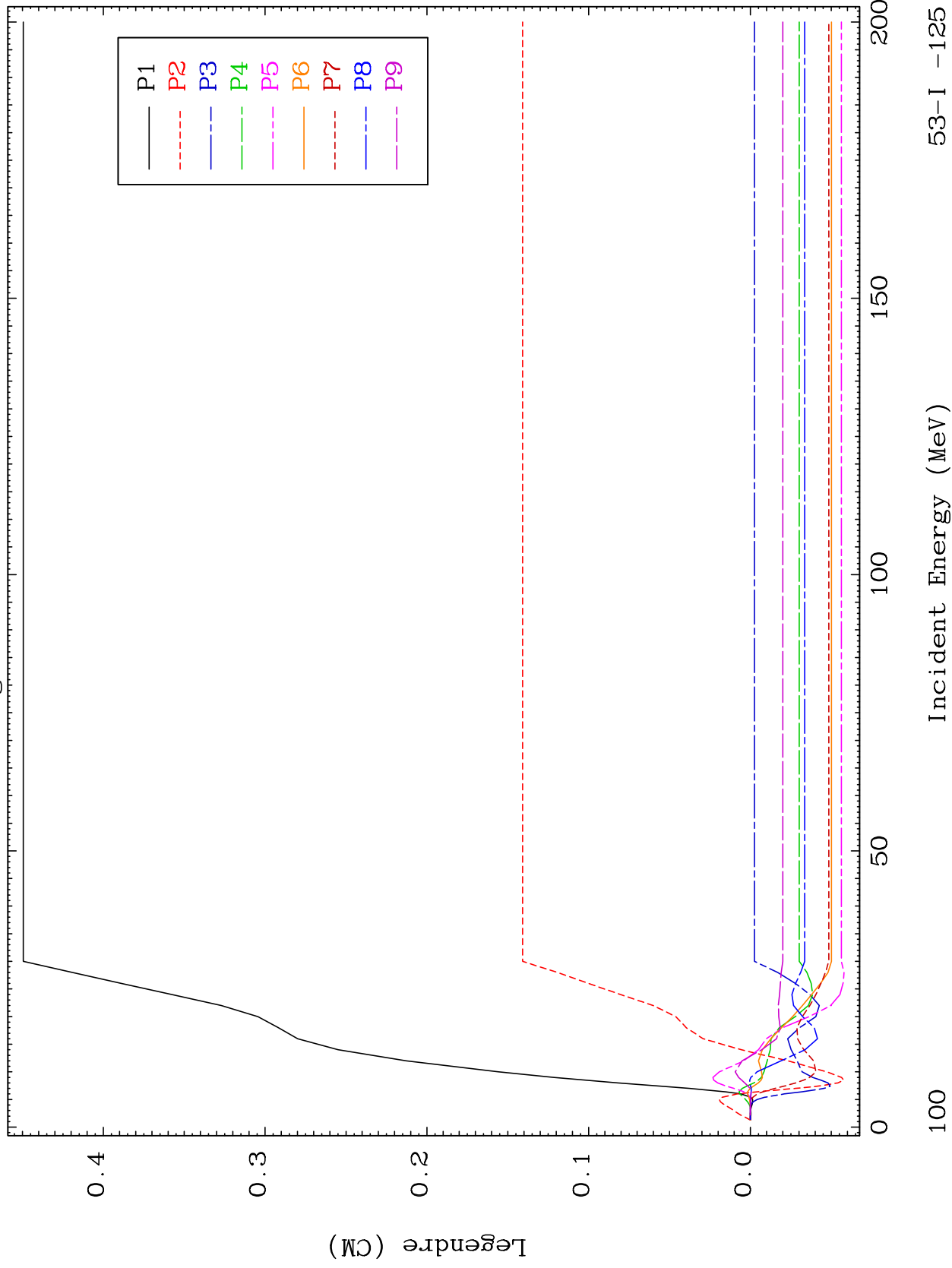
53-I -125



MAT 5319

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

53-I -125



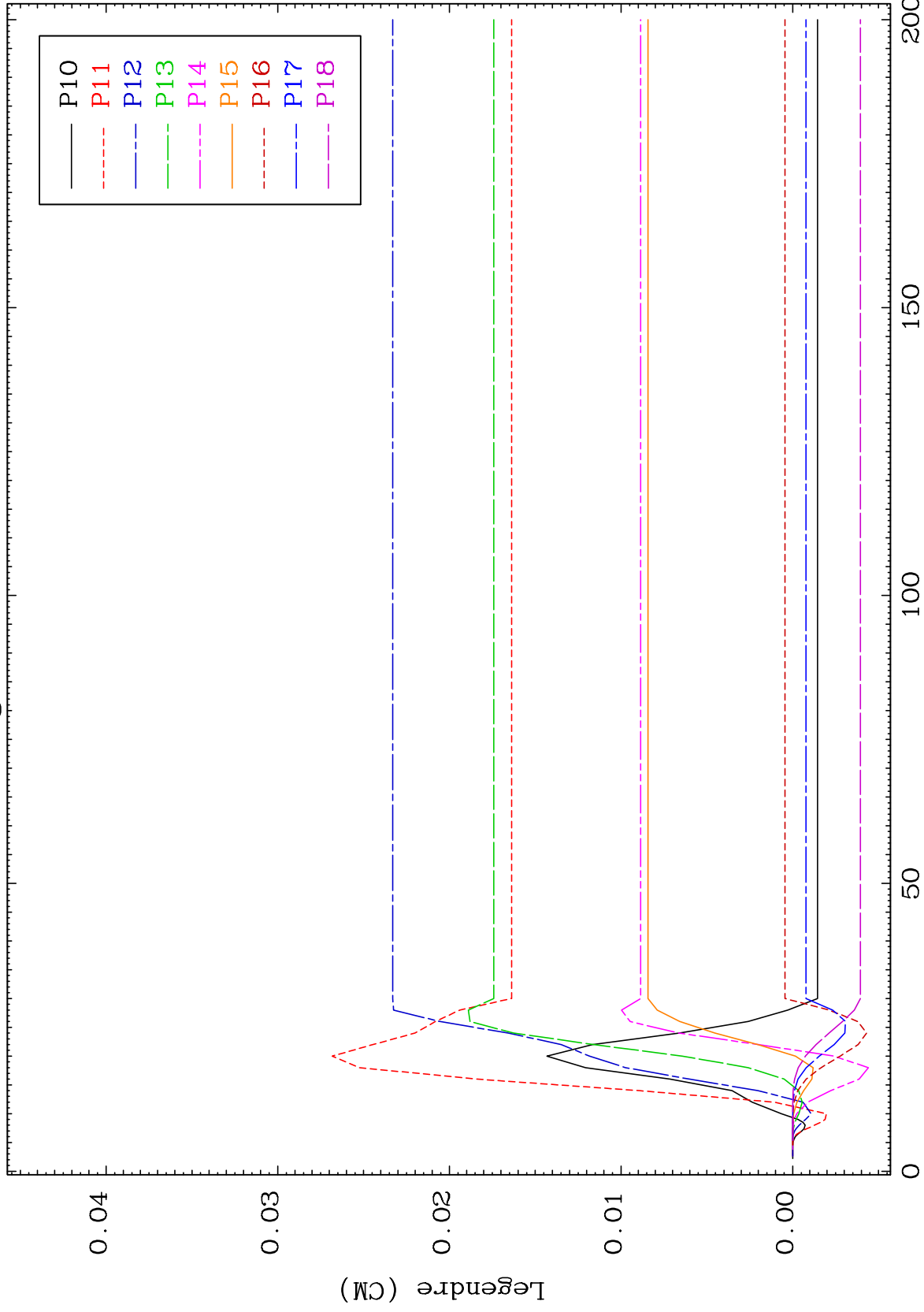
53-I -125

Incident Energy (MeV)

MAT 5319

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

53-I -125



101

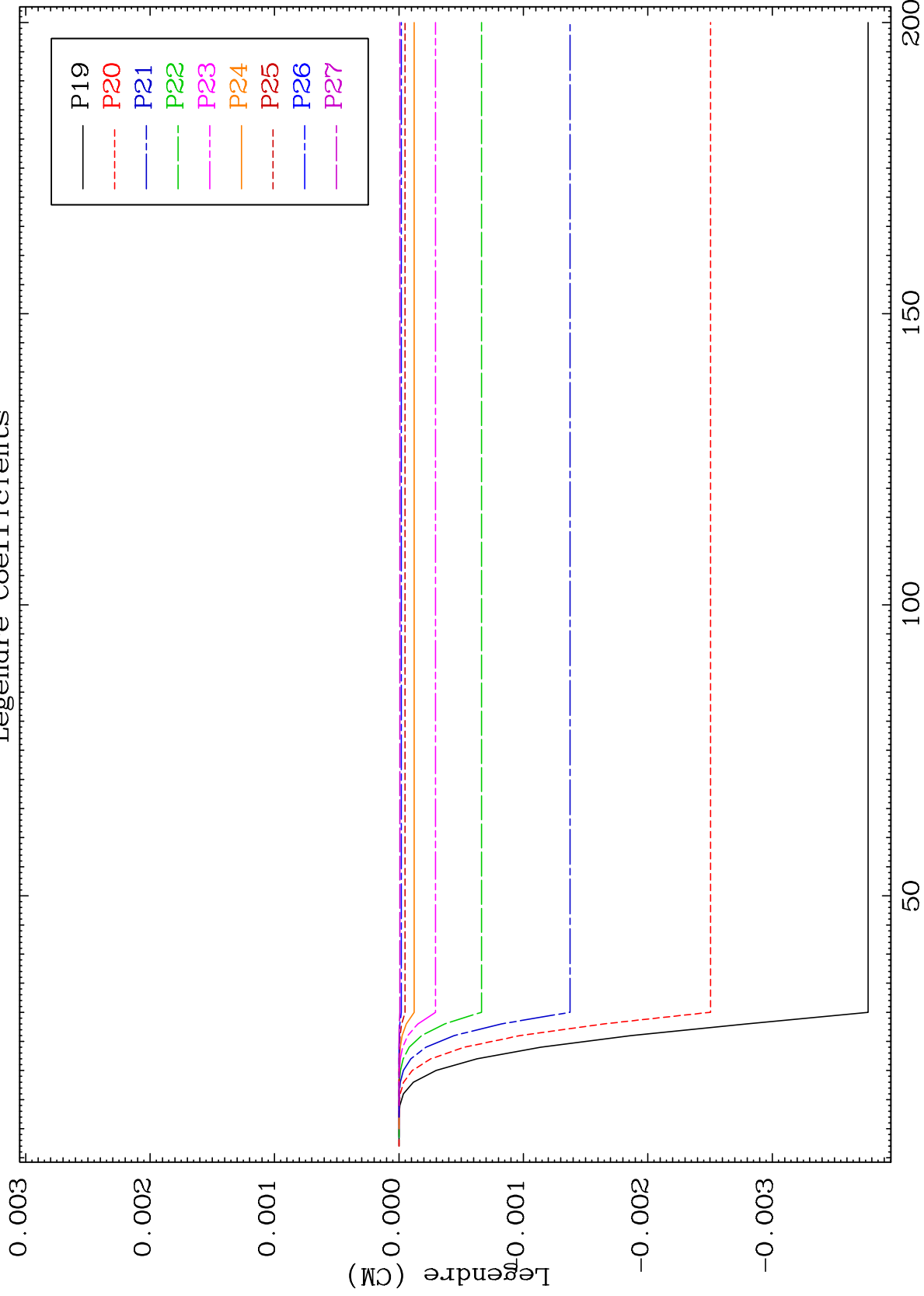
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



102

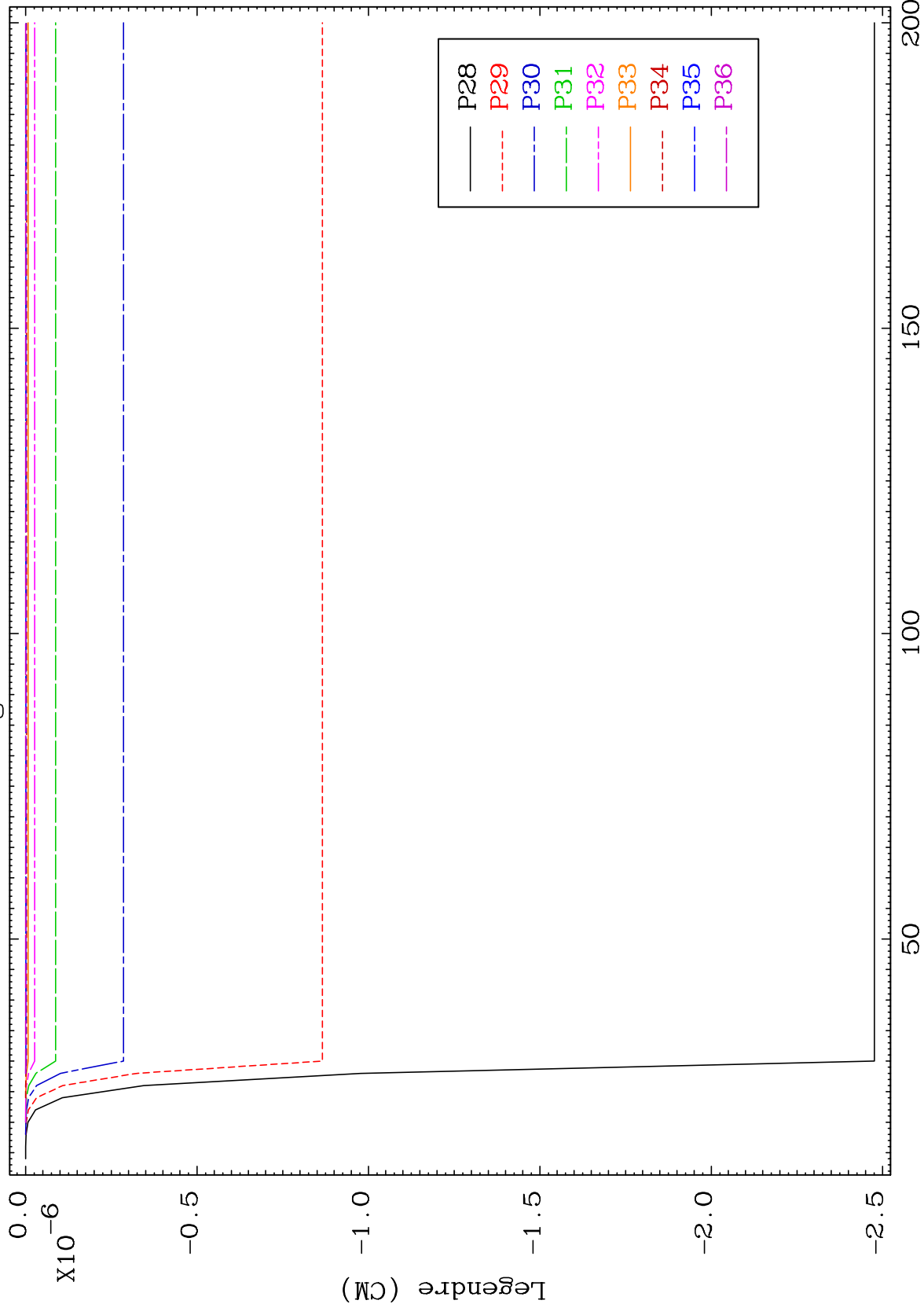
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



103

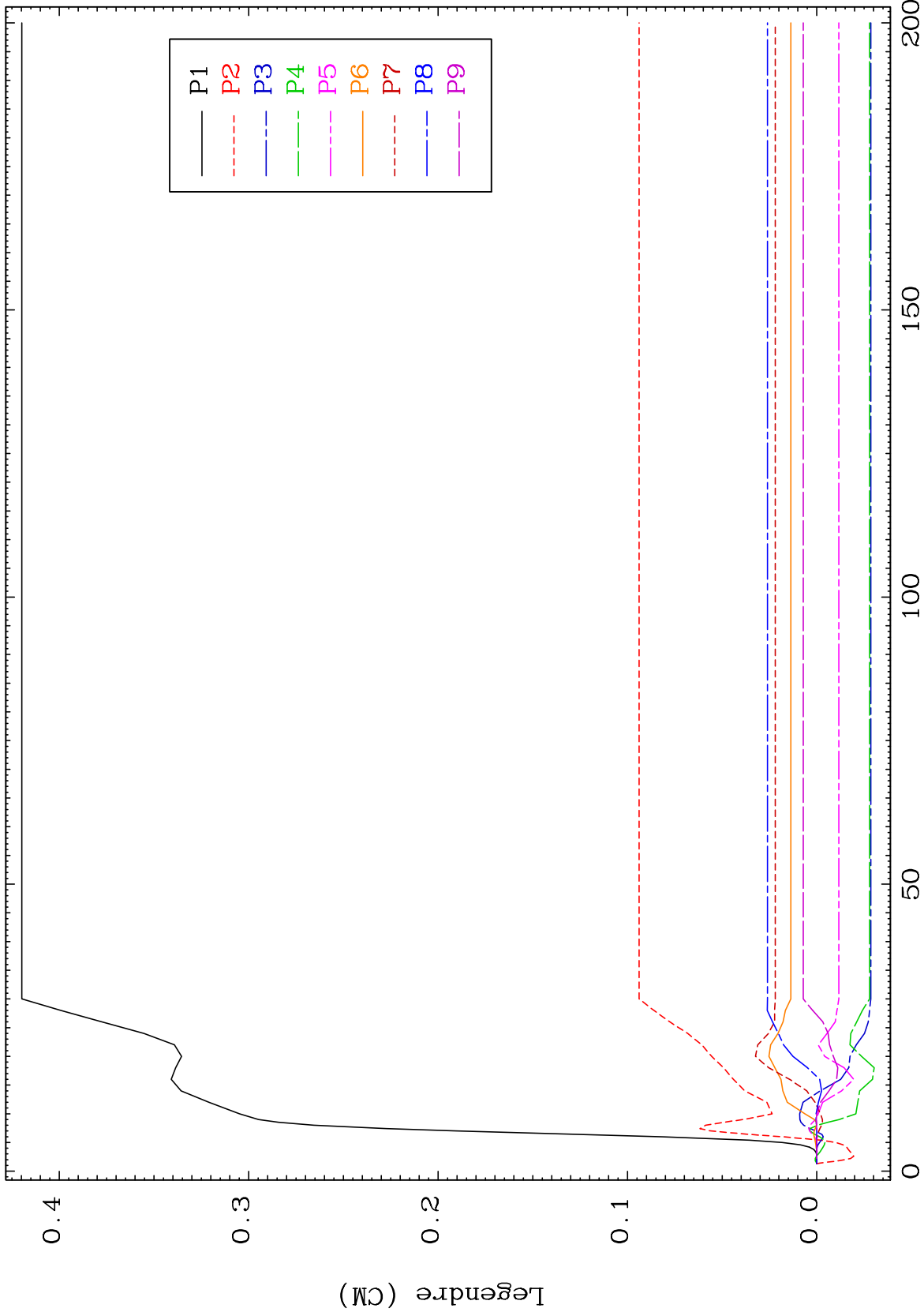
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



104

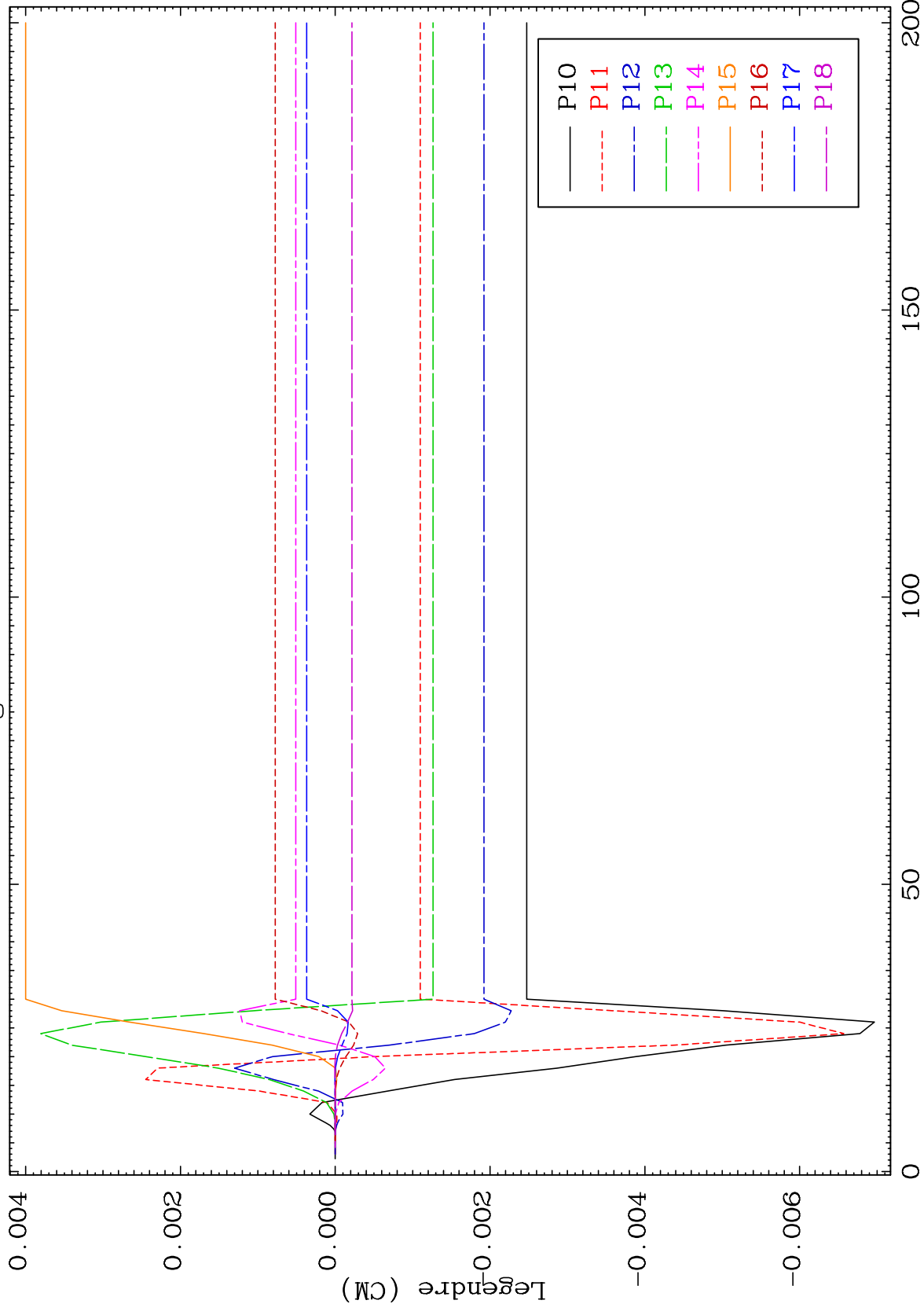
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



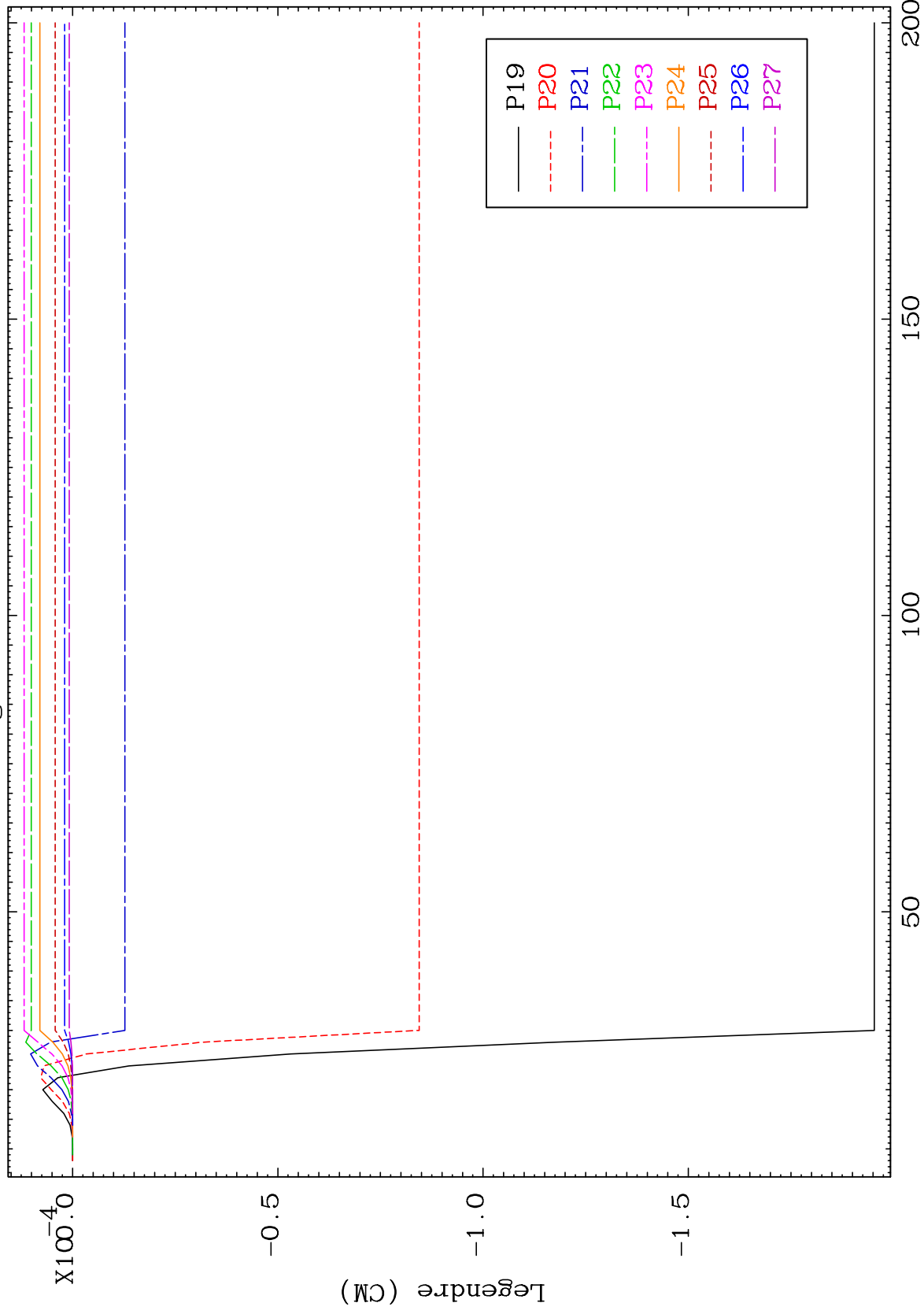
105

53-I -125

MAT 5319

53-I -125

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



106

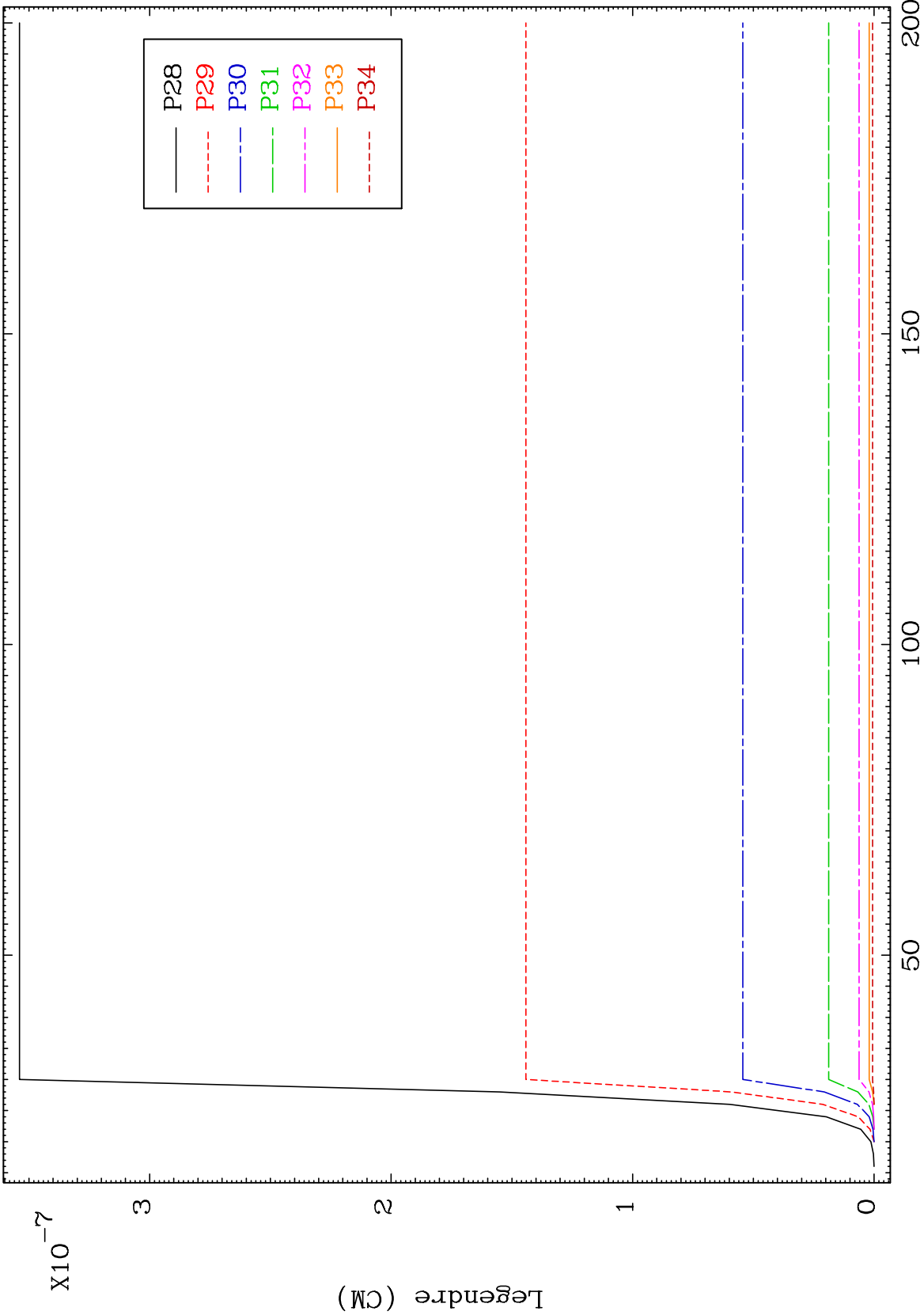
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



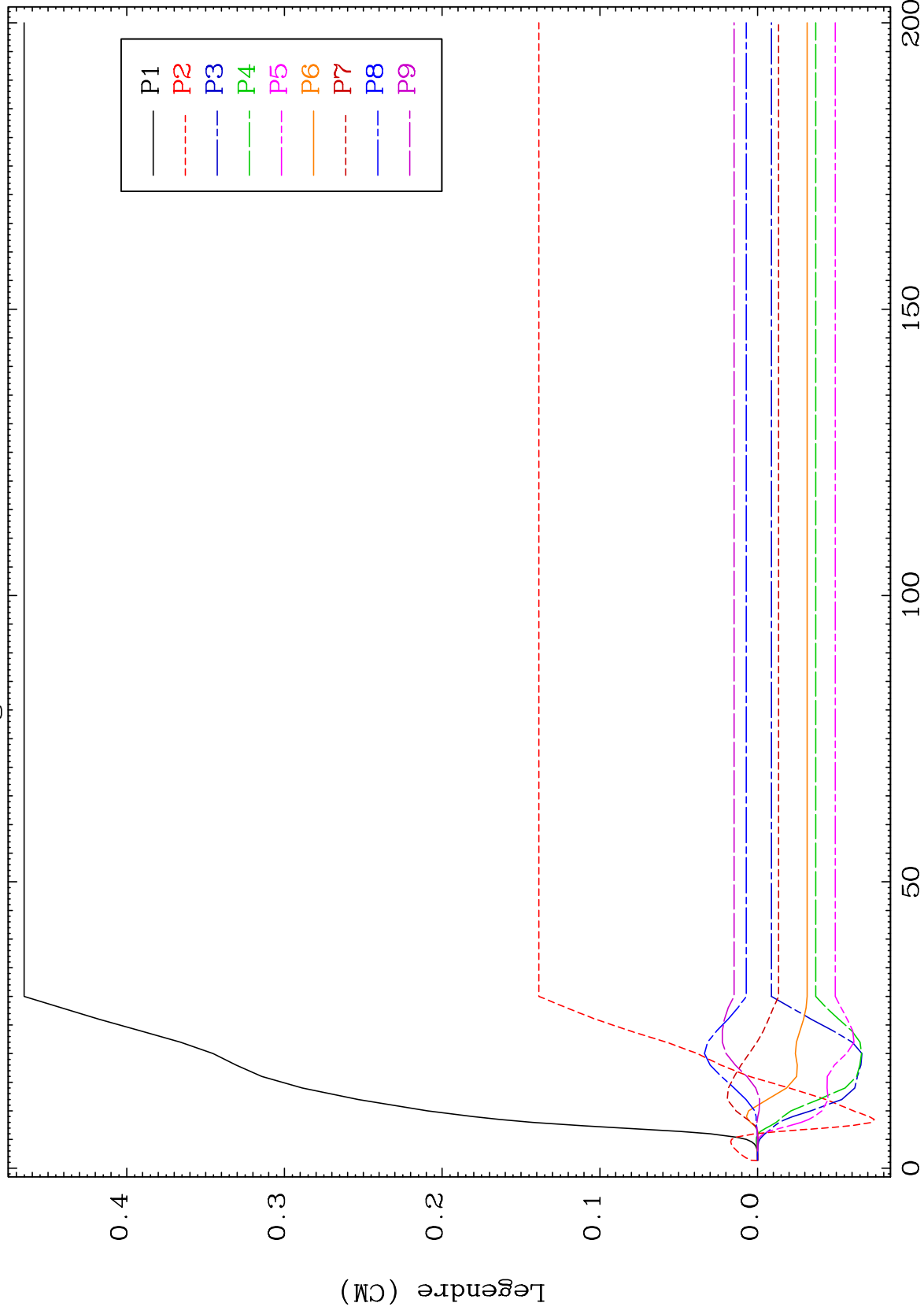
107

53-I -125

MAT 5319

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

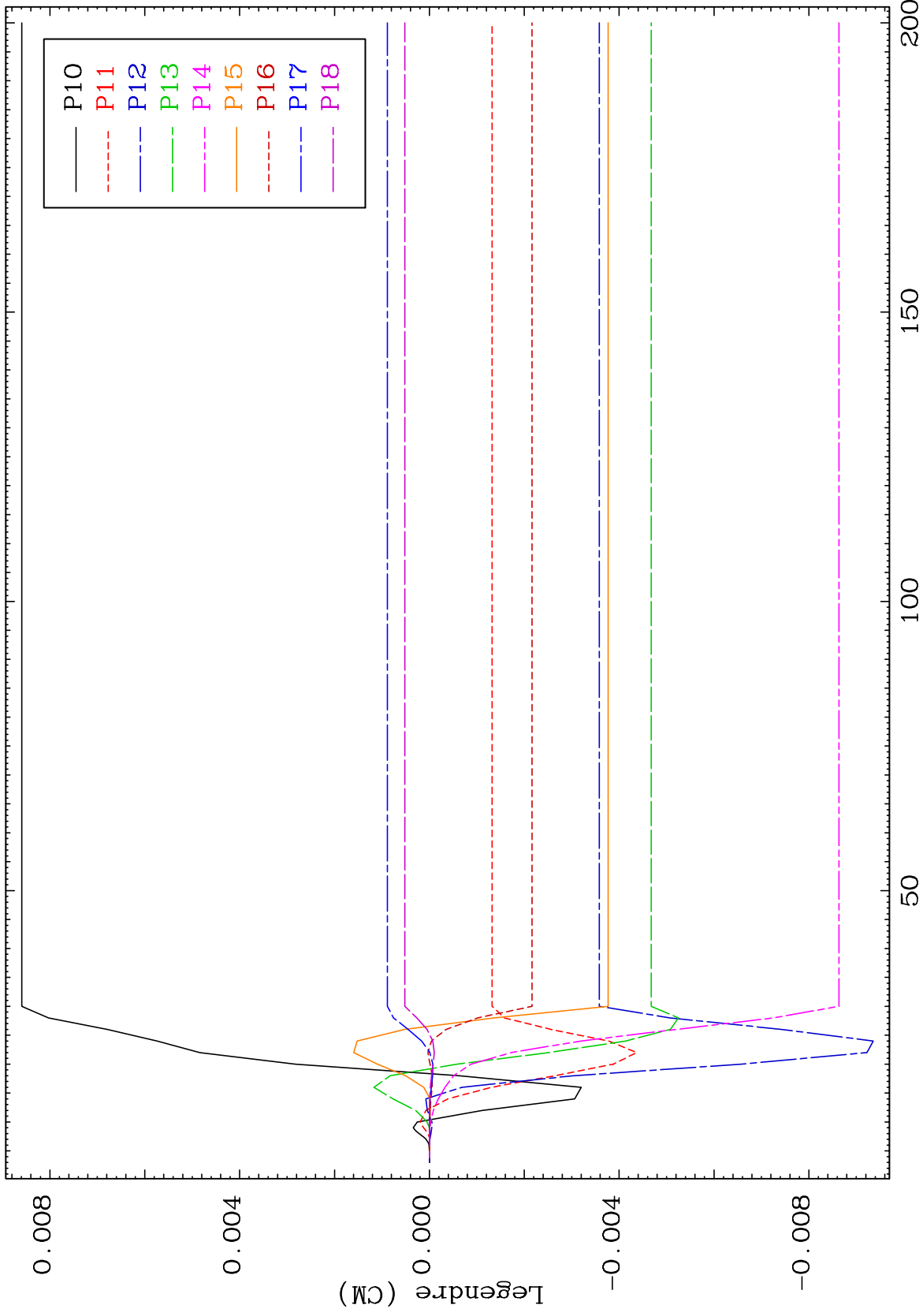
53-I -125



53-I -125

Incident Energy (MeV)

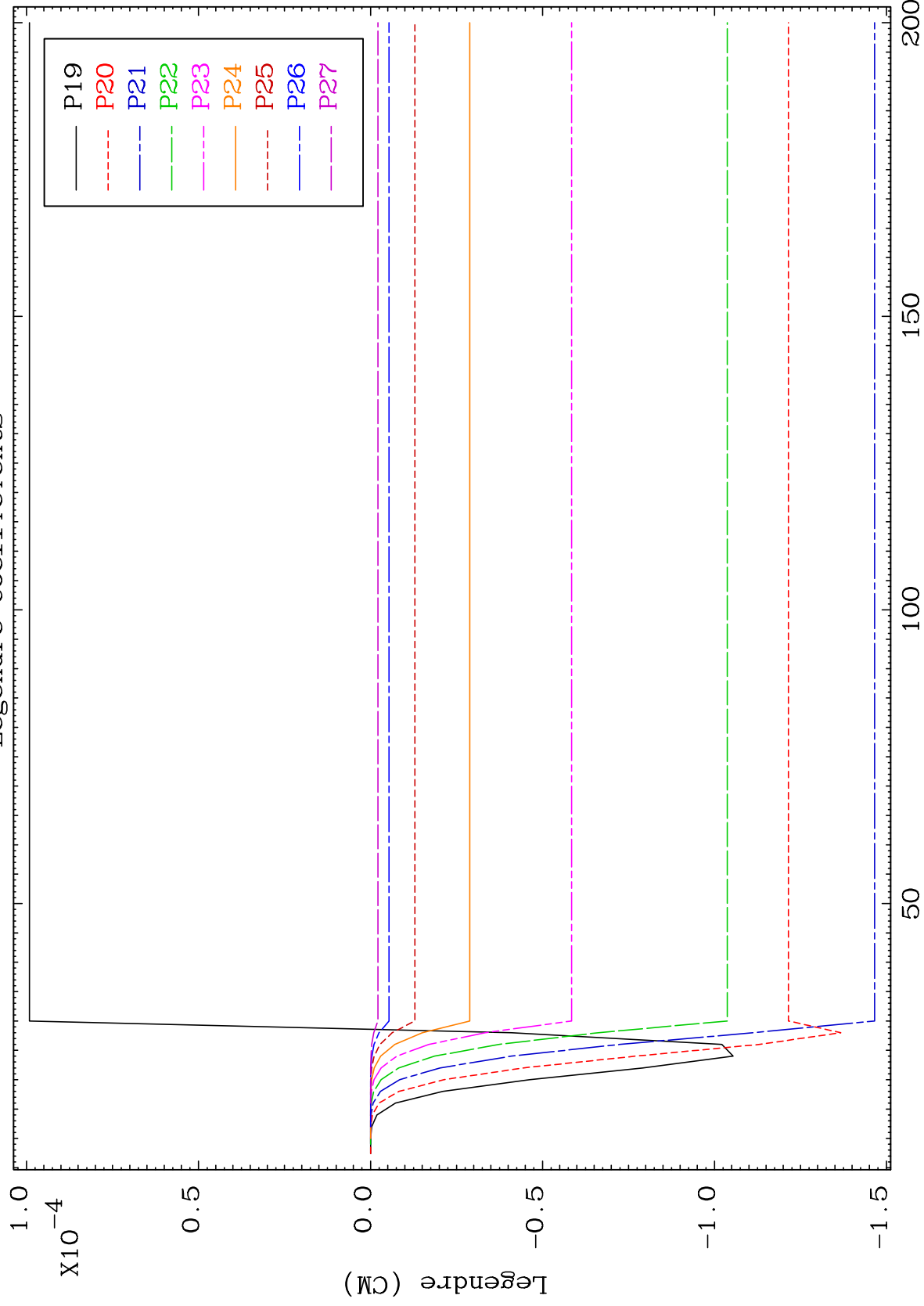
108



MAT 5319

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

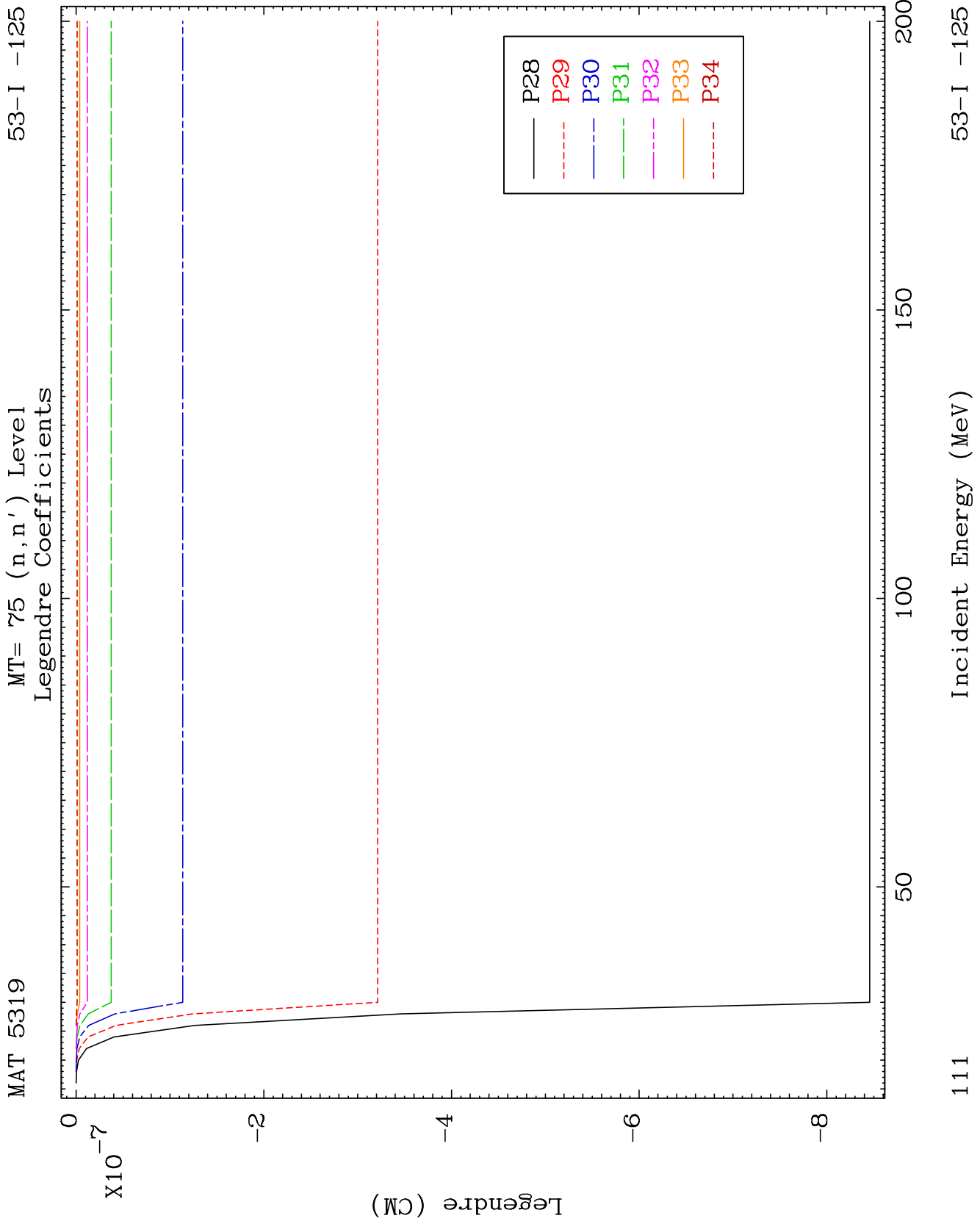
53-I -125



110

Incident Energy (MeV)

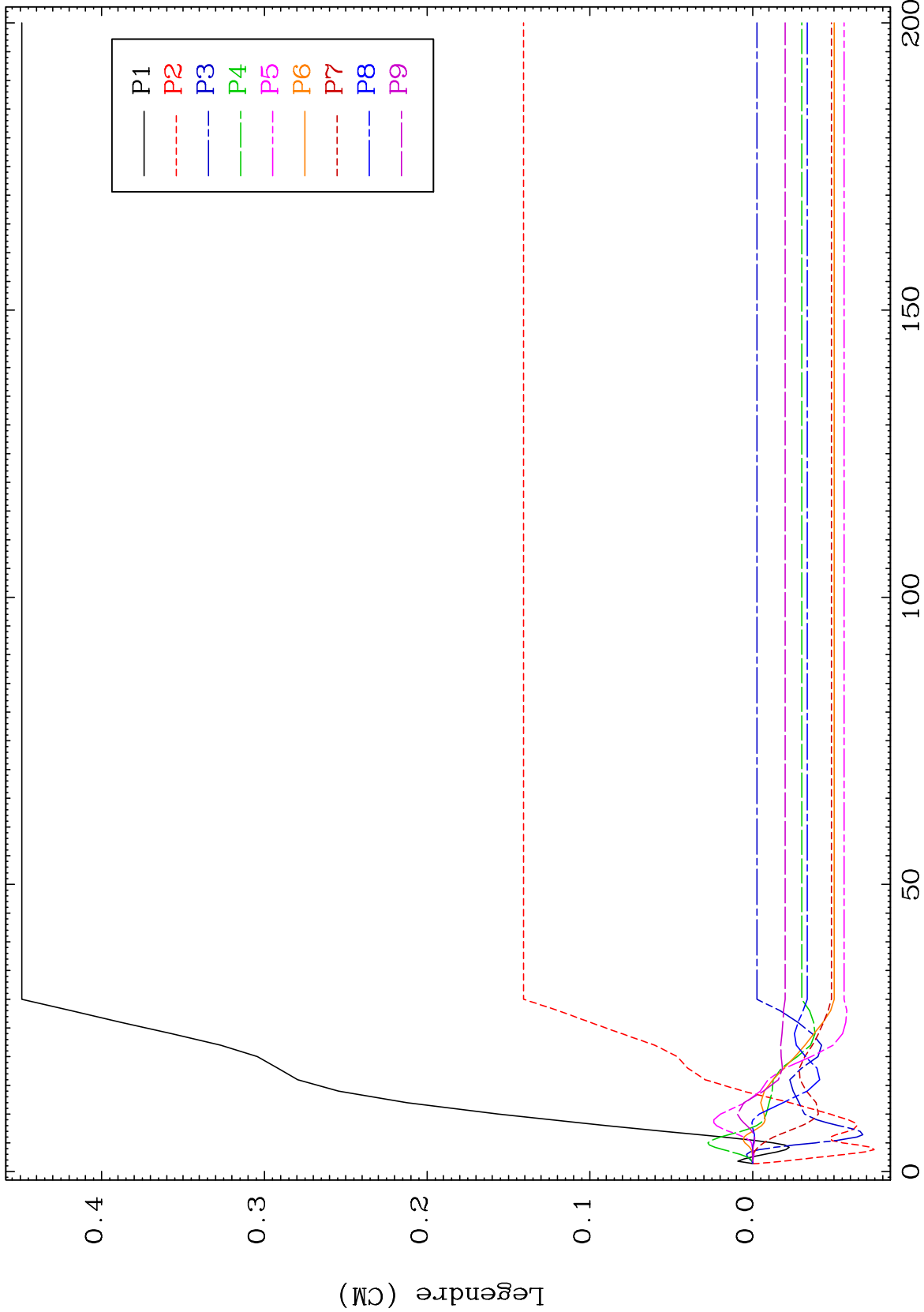
53-I -125



MAT 5319

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

53-I -125



53-I -125

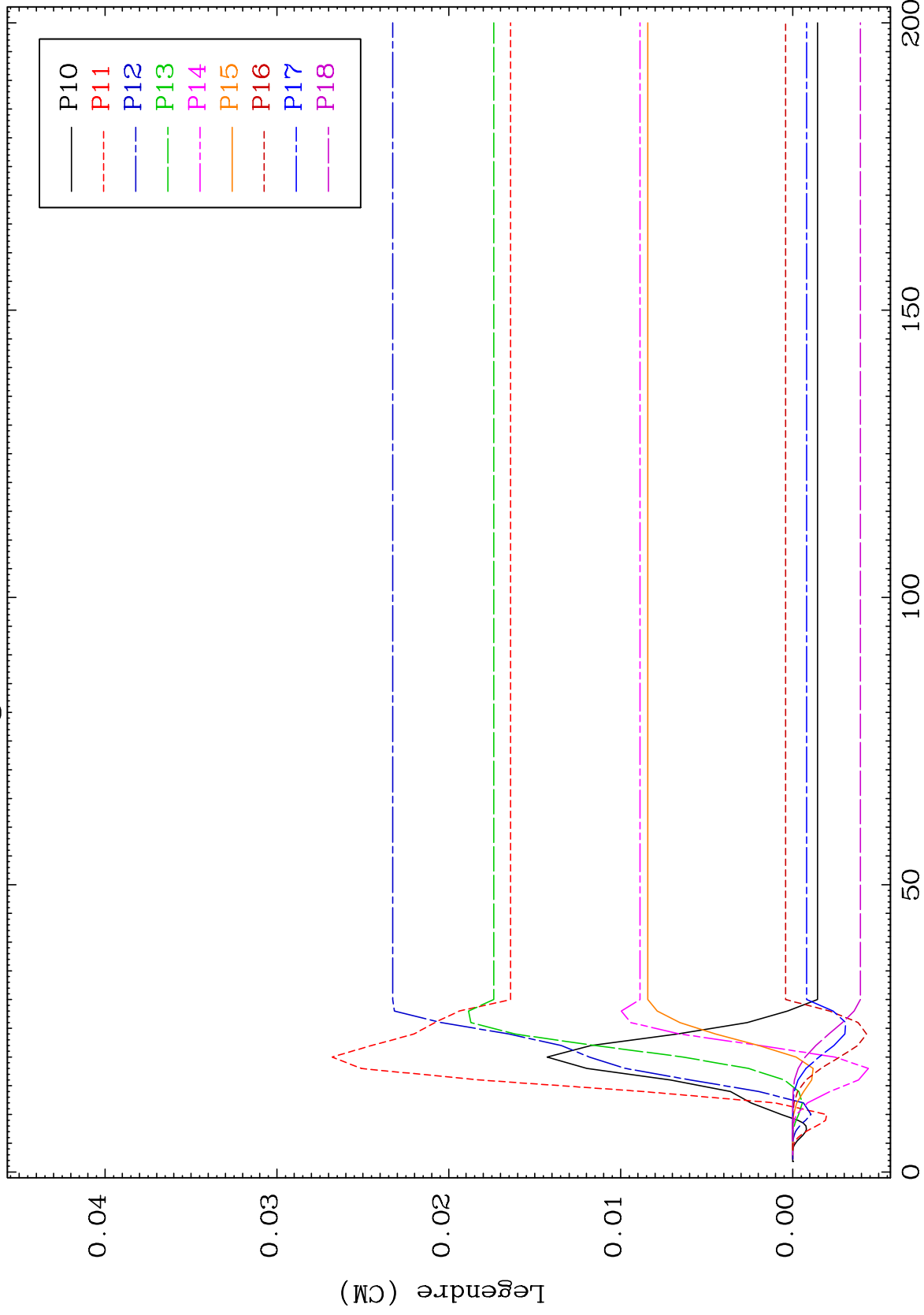
Incident Energy (MeV)

112

MAT 5319

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

53-I -125



113

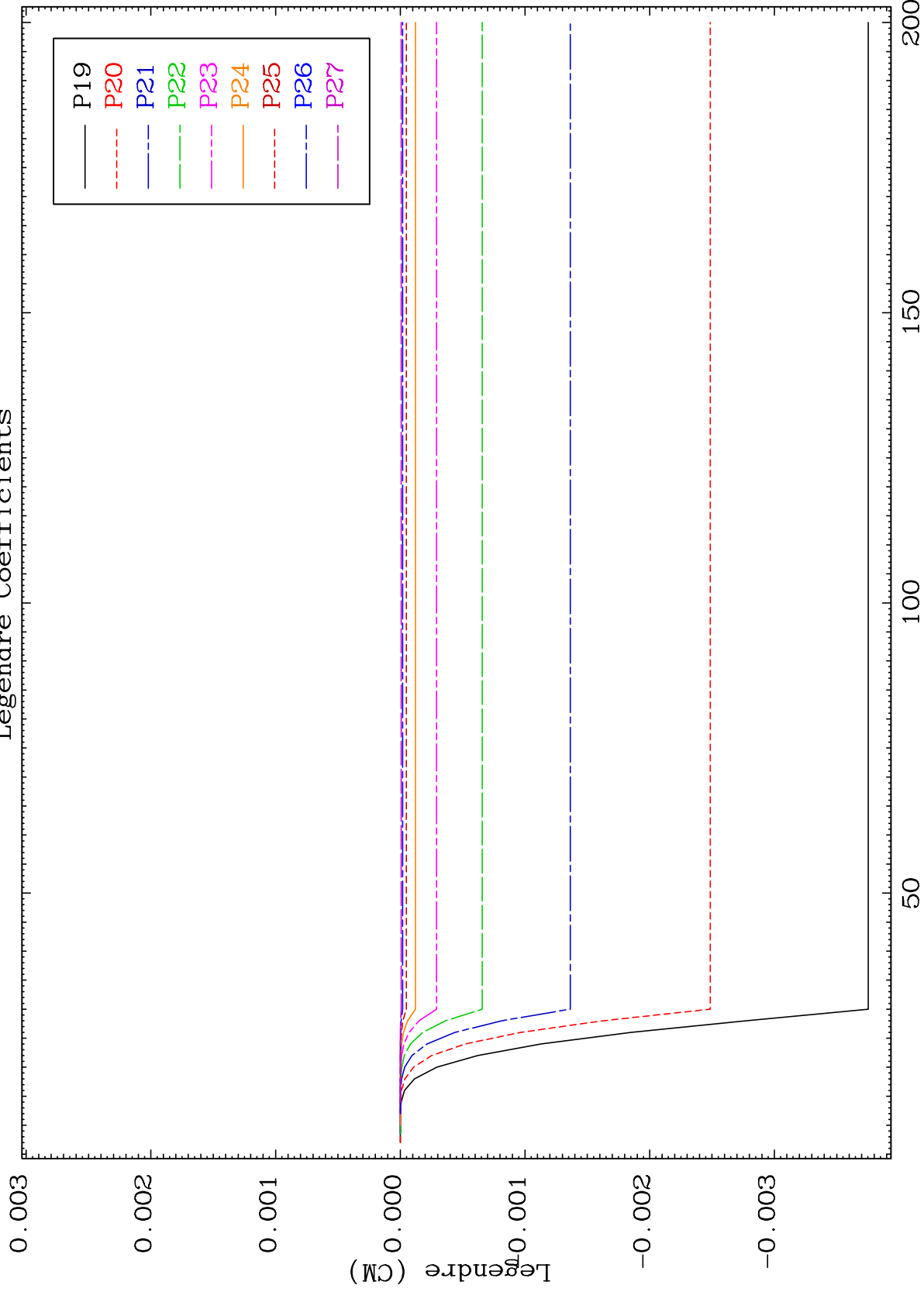
Incident Energy (MeV)

53-I -125

MAT 5319

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

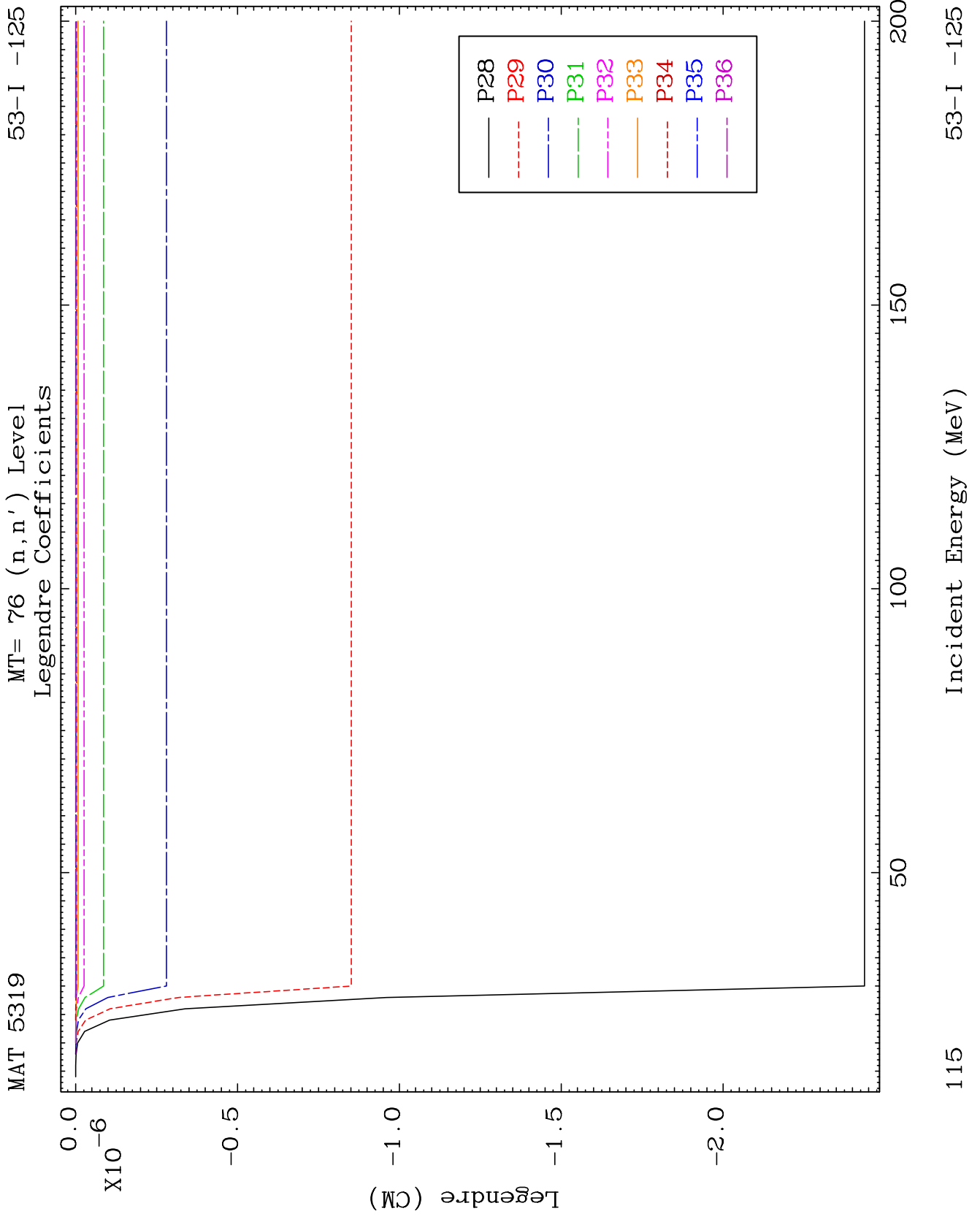
53-I -125



114

Incident Energy (MeV)

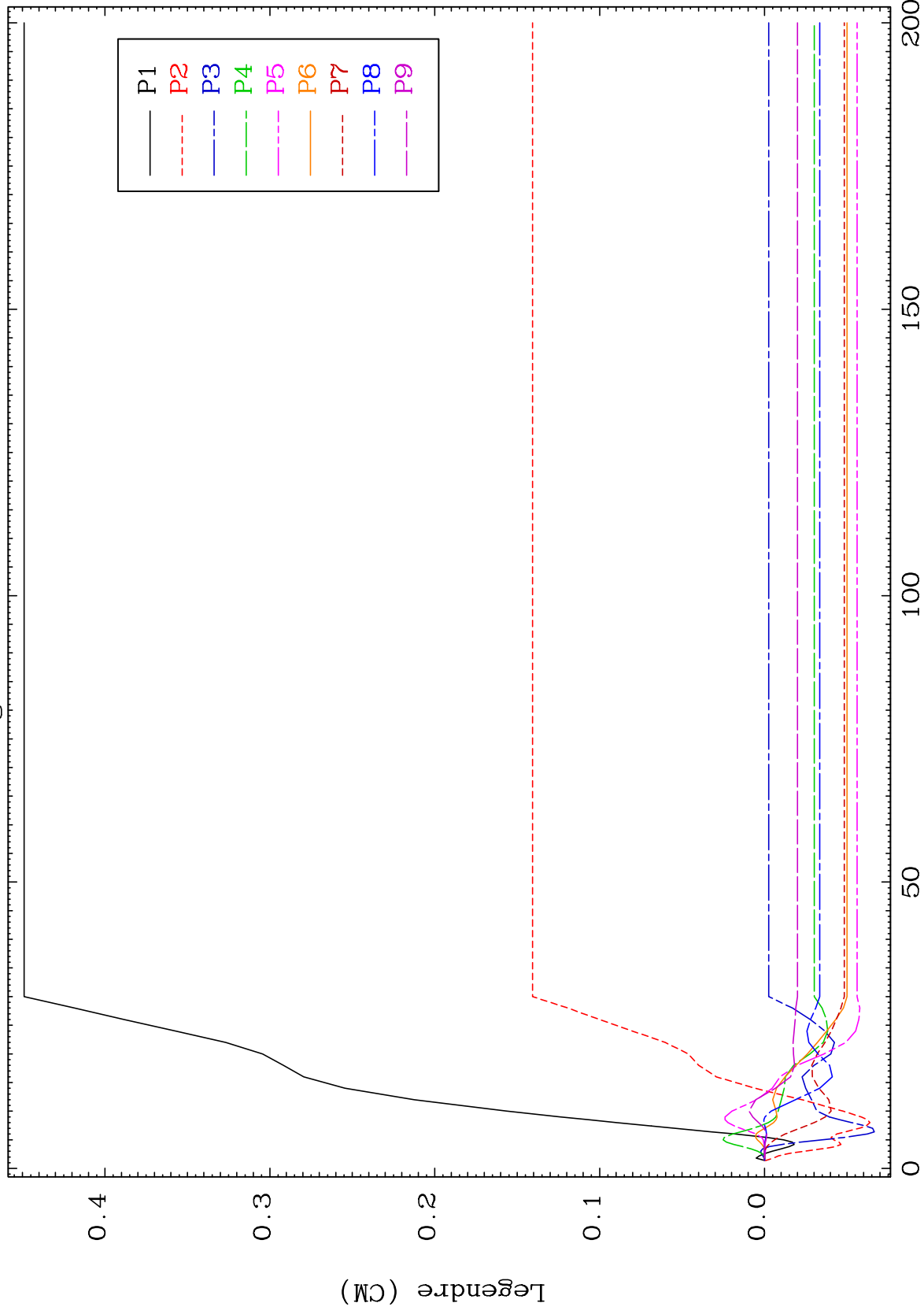
53-I -125



MAT 5319

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

53-I -125



116

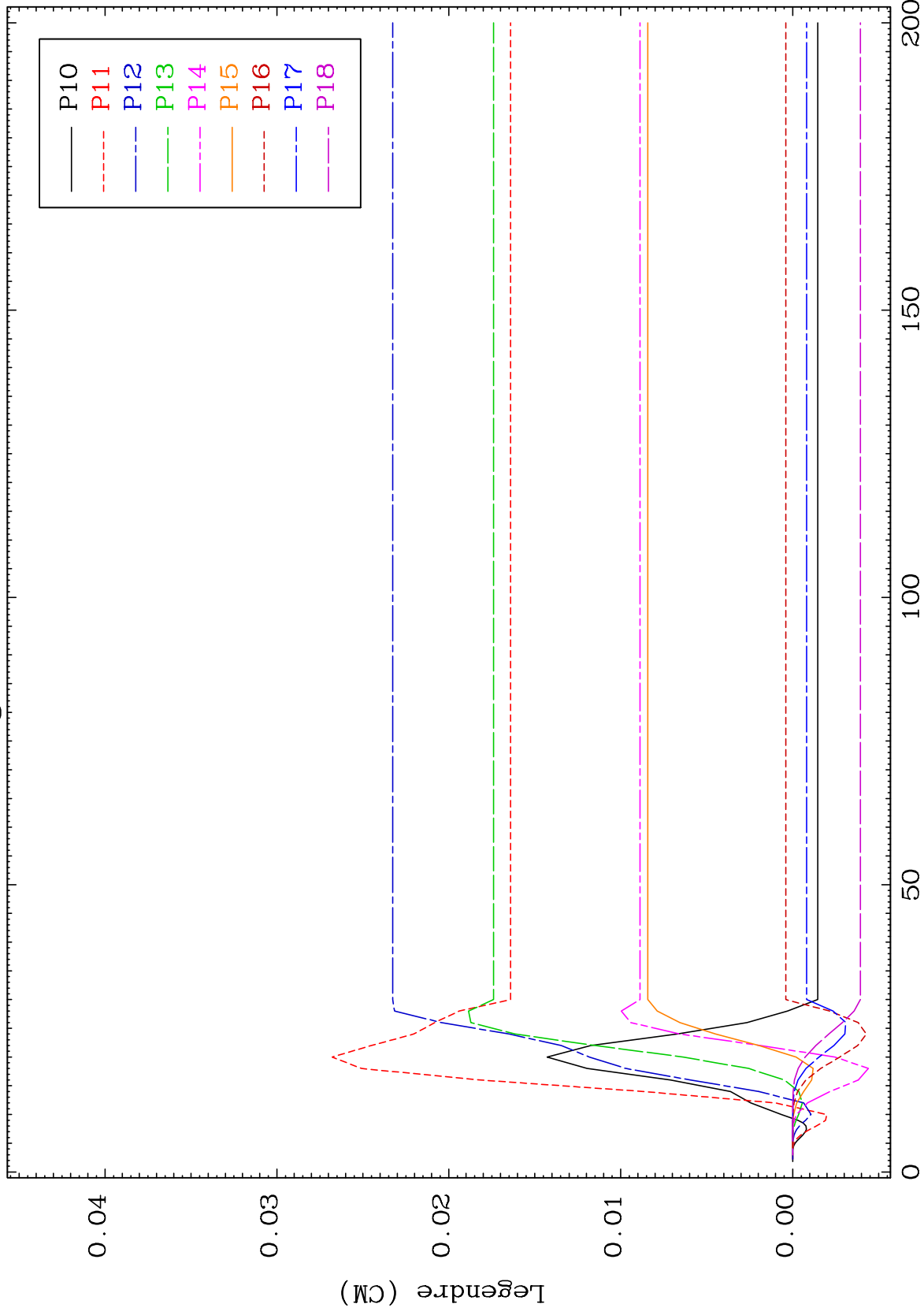
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



117

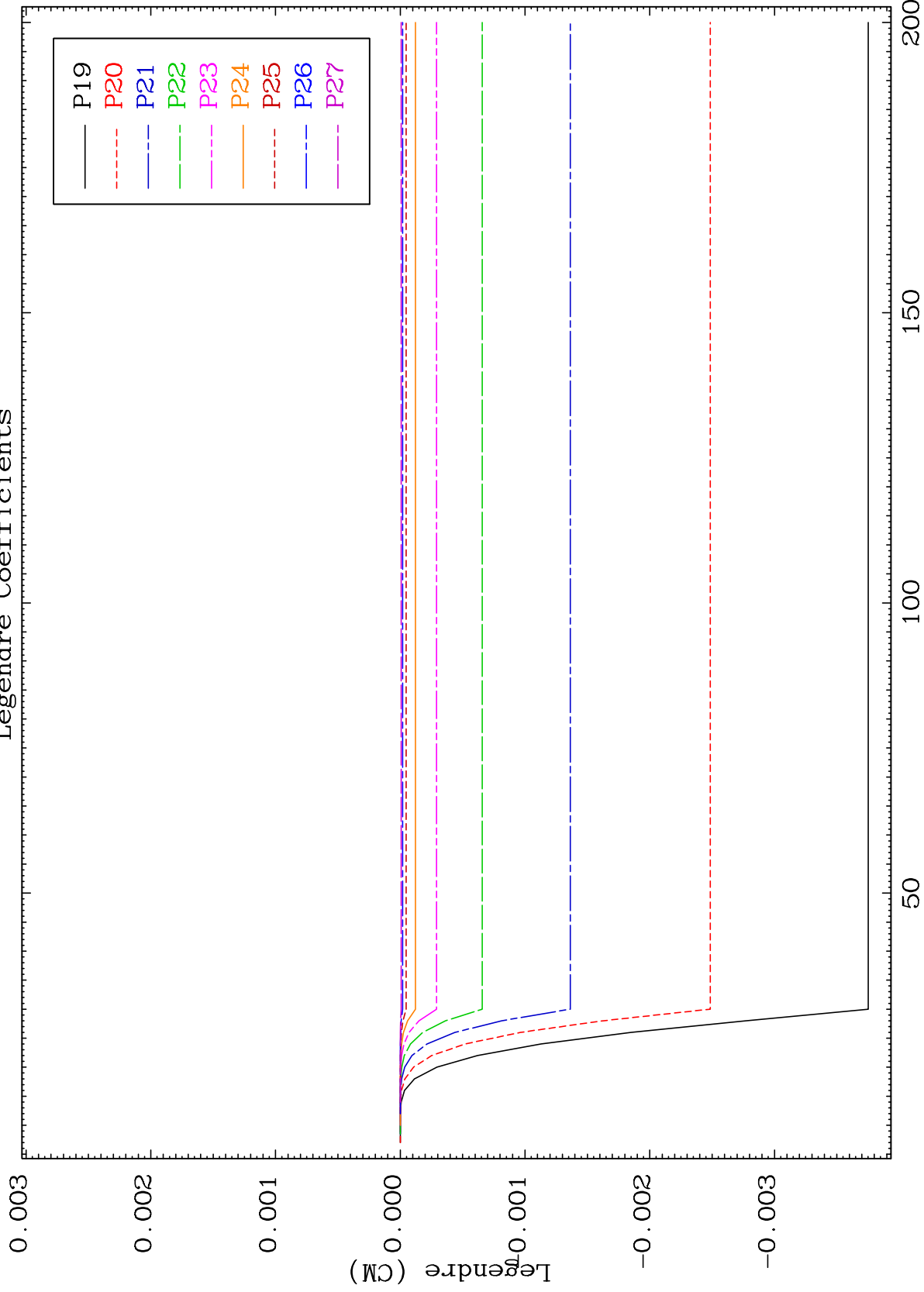
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



118

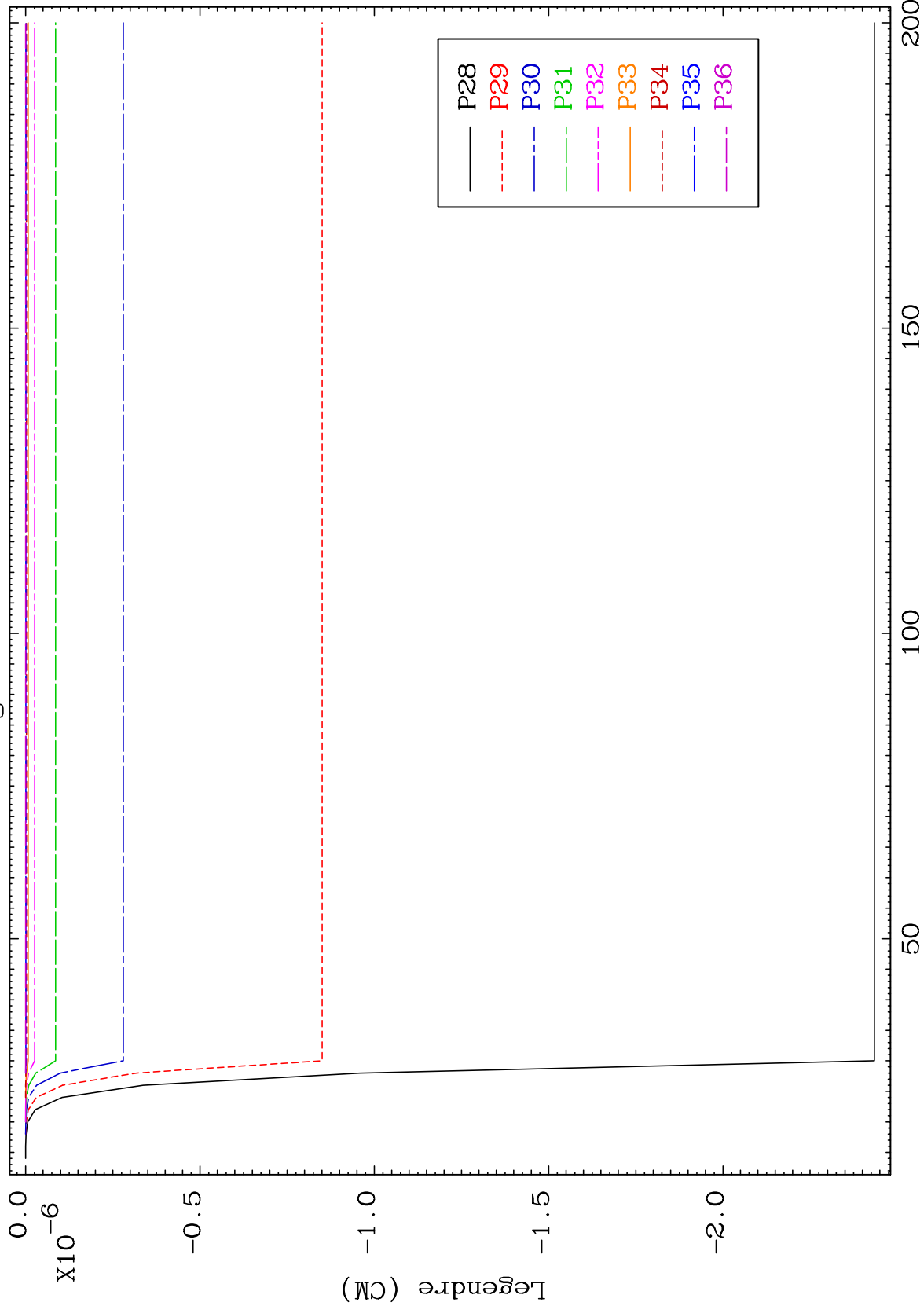
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



119

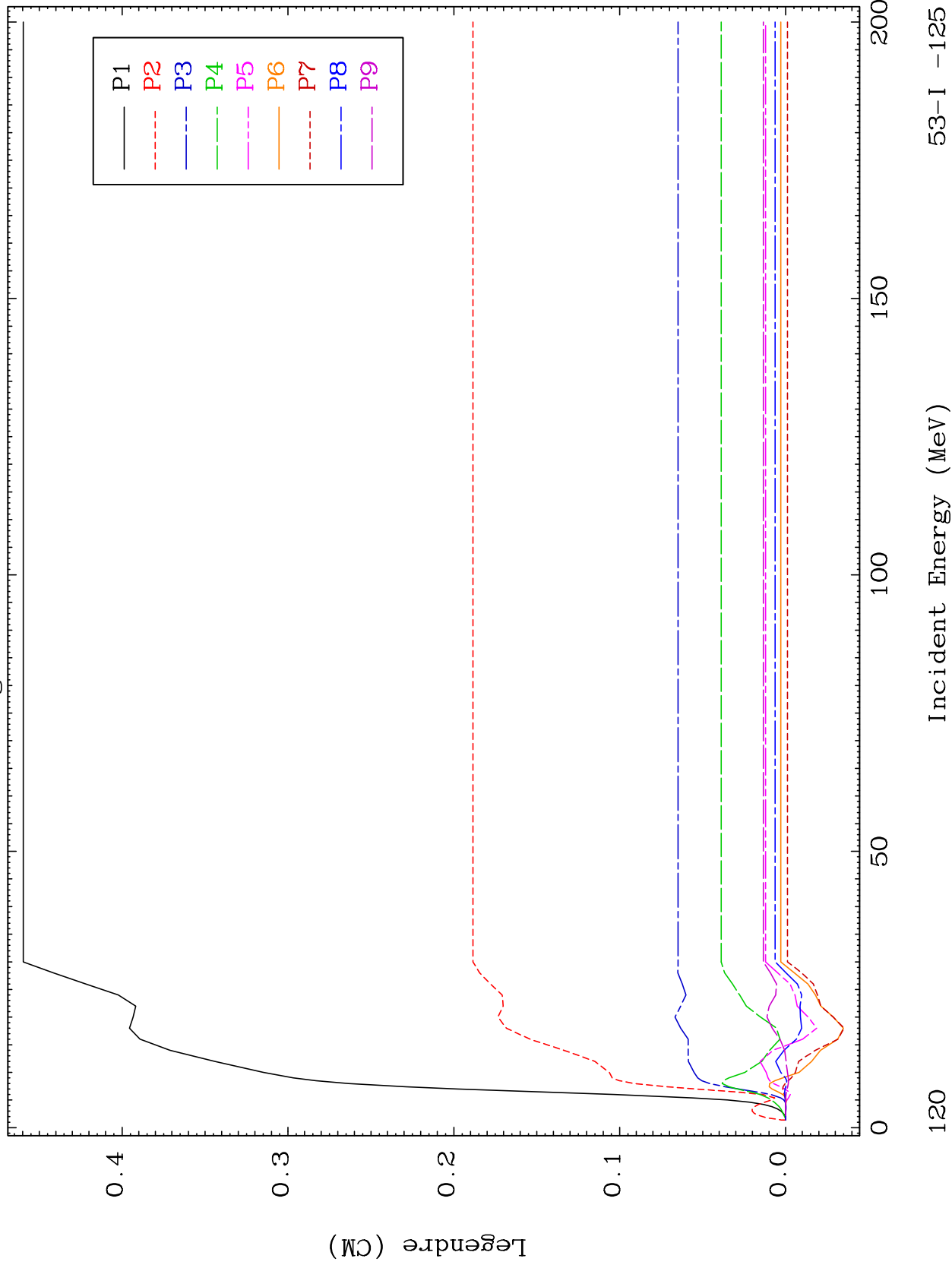
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



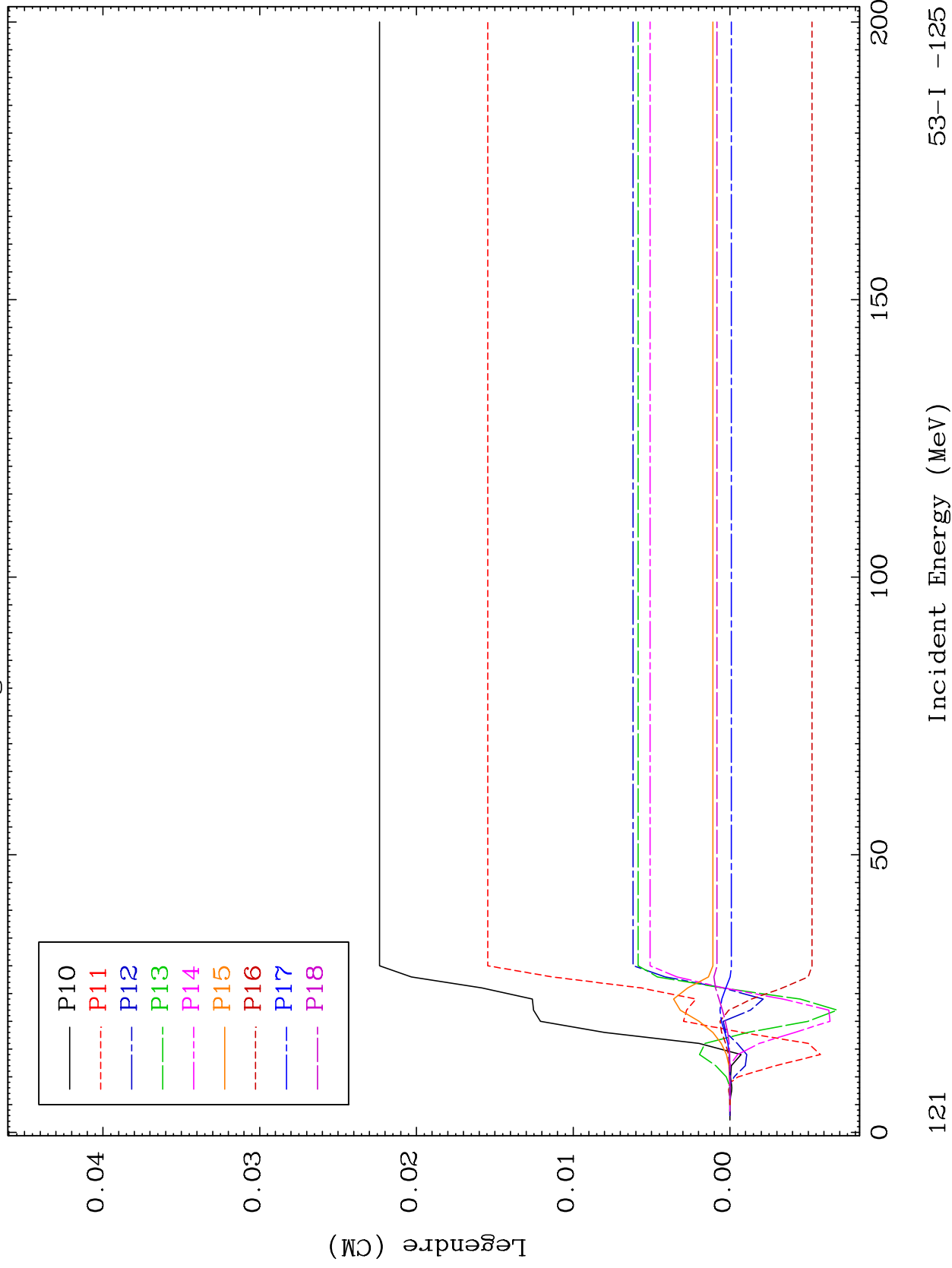
53-I -125

Incident Energy (MeV)

MAT 5319

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

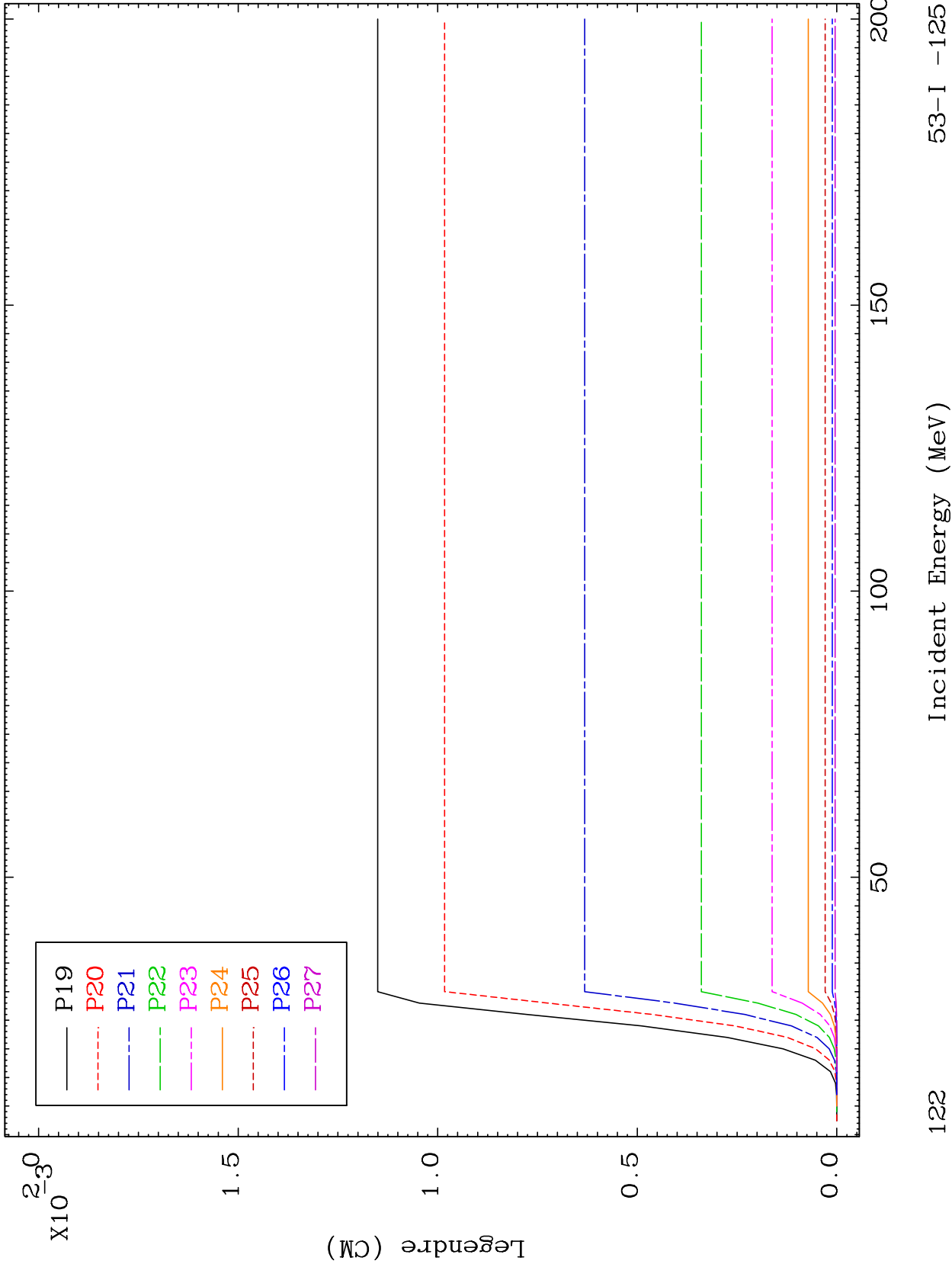
53-I -125



121

Incident Energy (MeV)

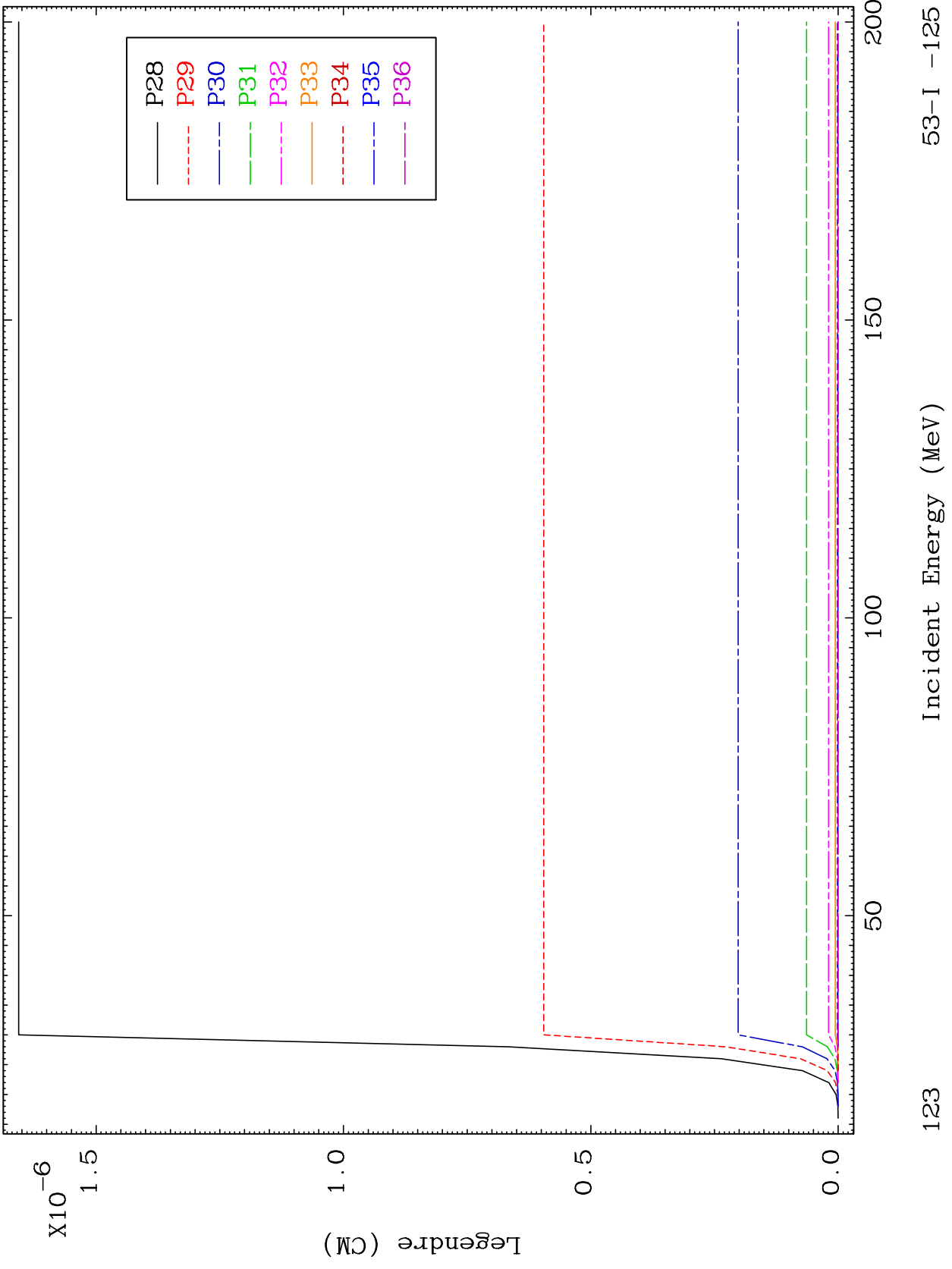
53-I -125



MAT 5319

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

53-I -125



123

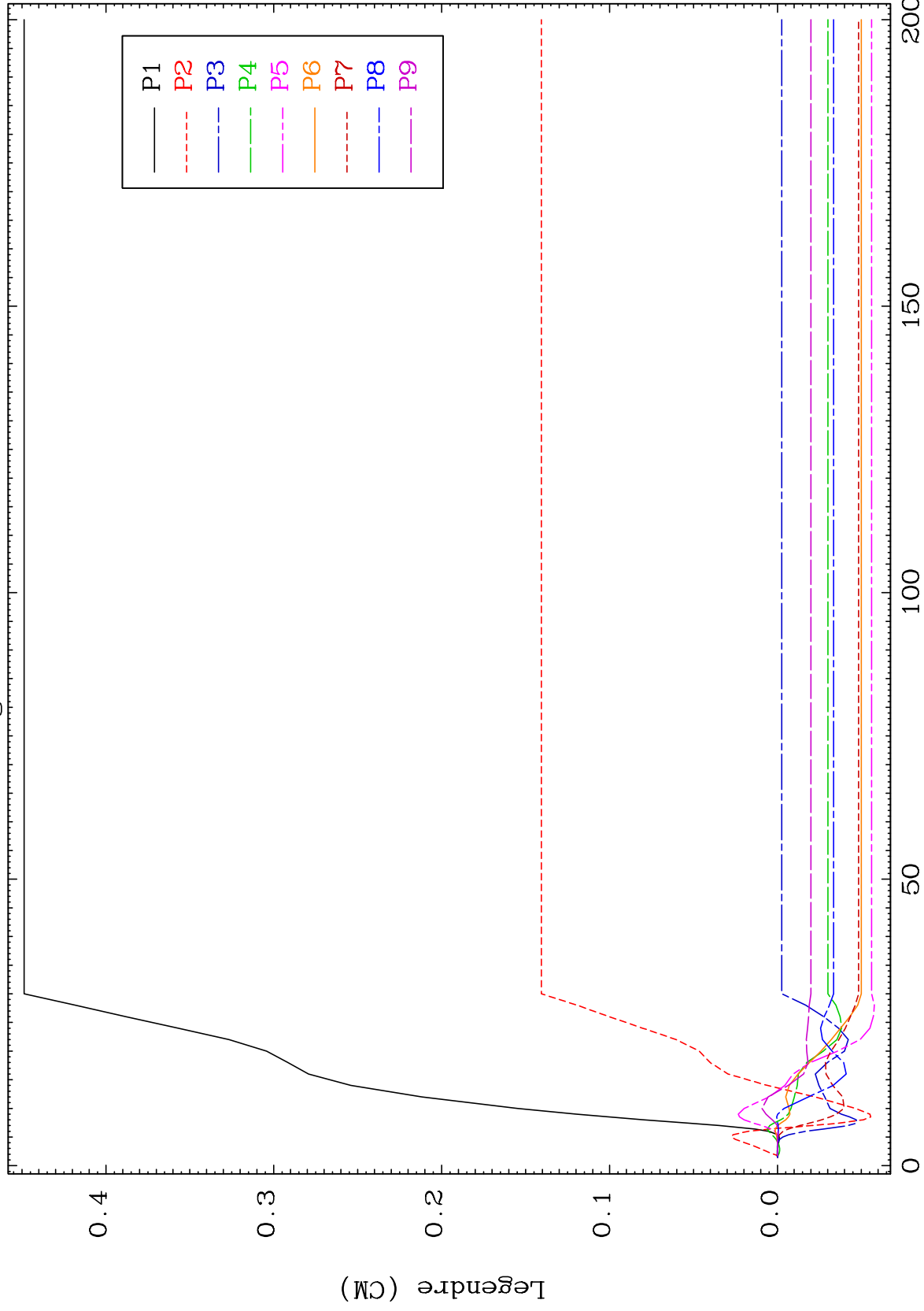
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



124

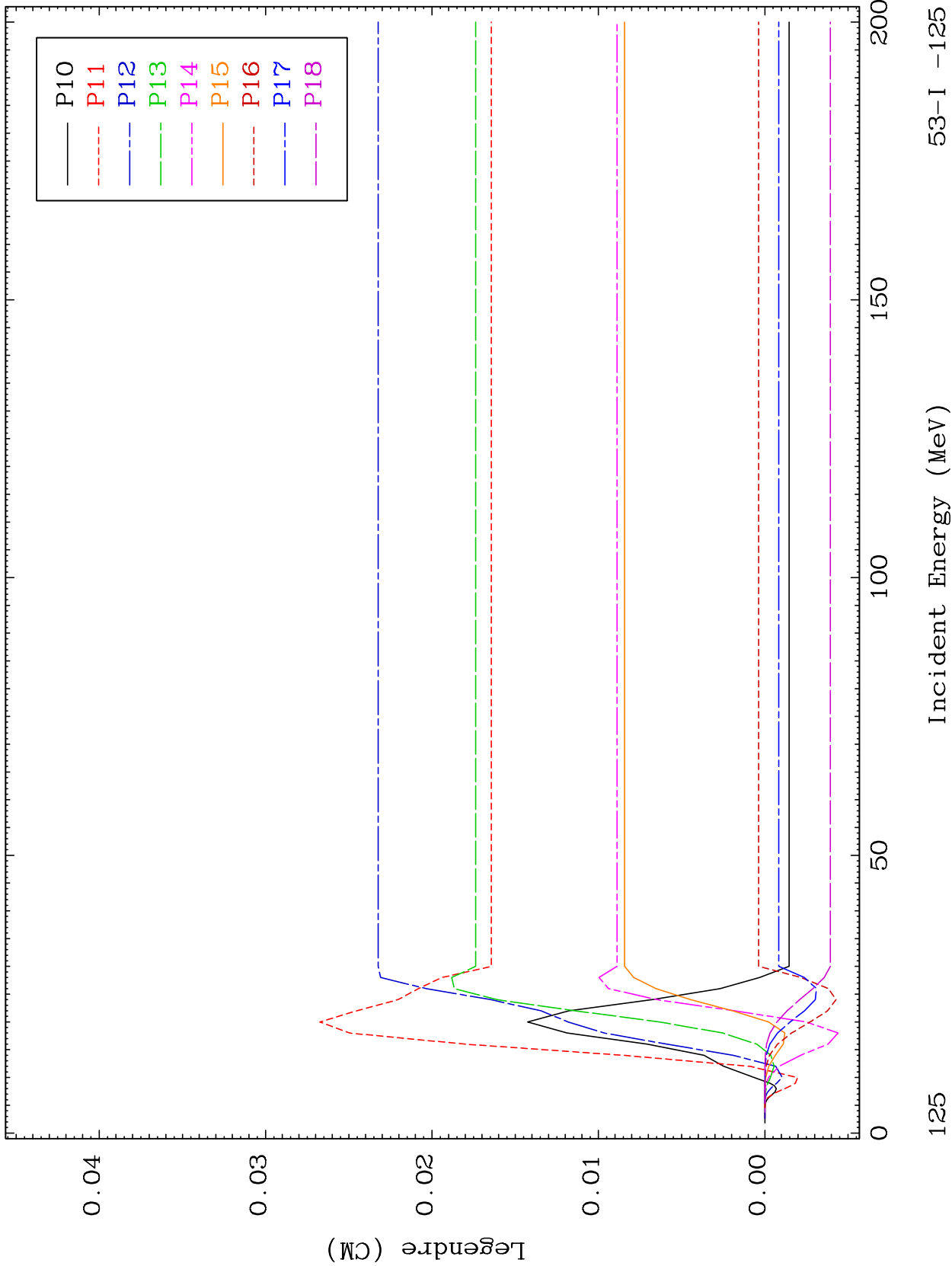
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



53-I -125

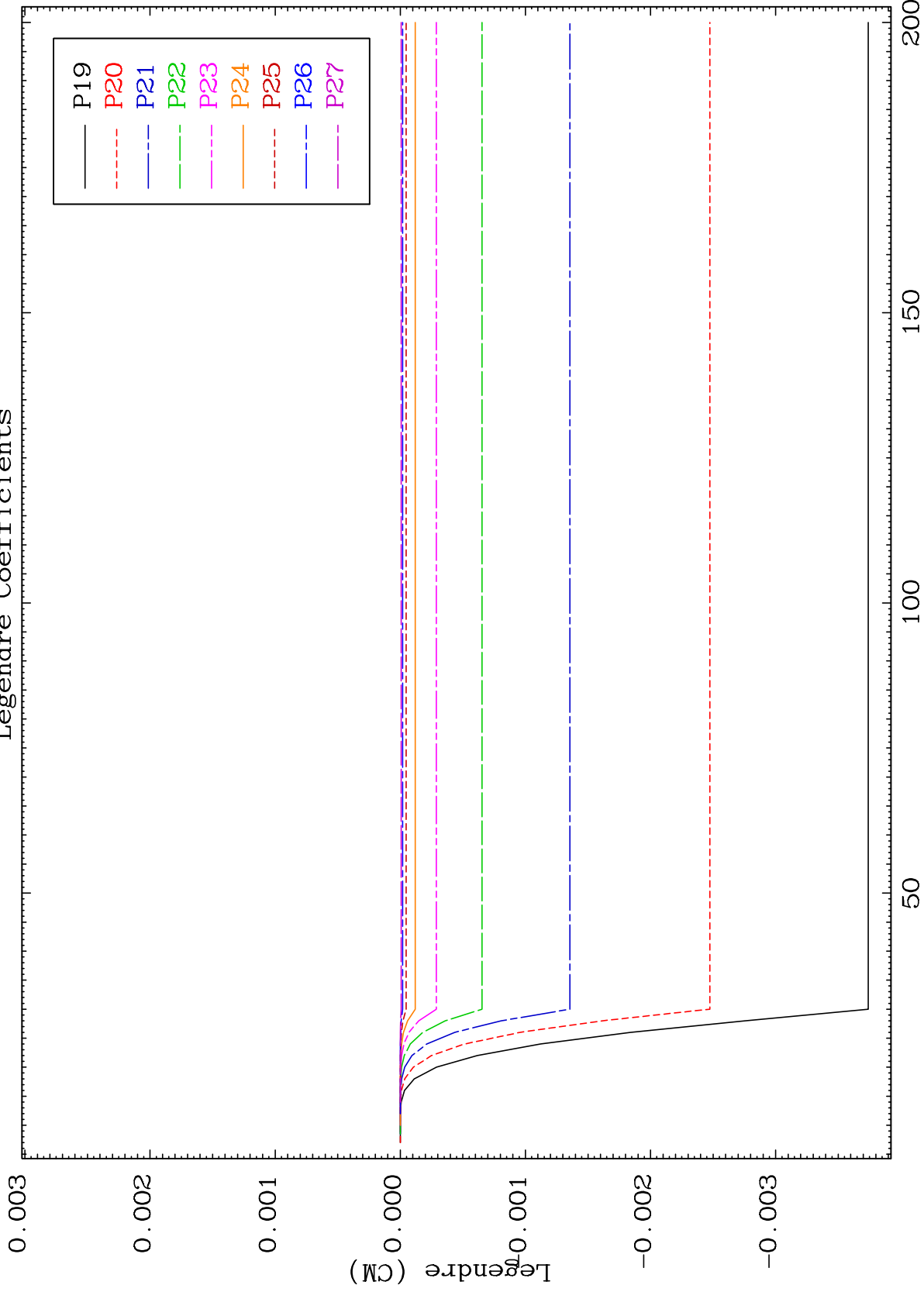
Incident Energy (MeV)

125

MAT 5319

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

53-I -125



126

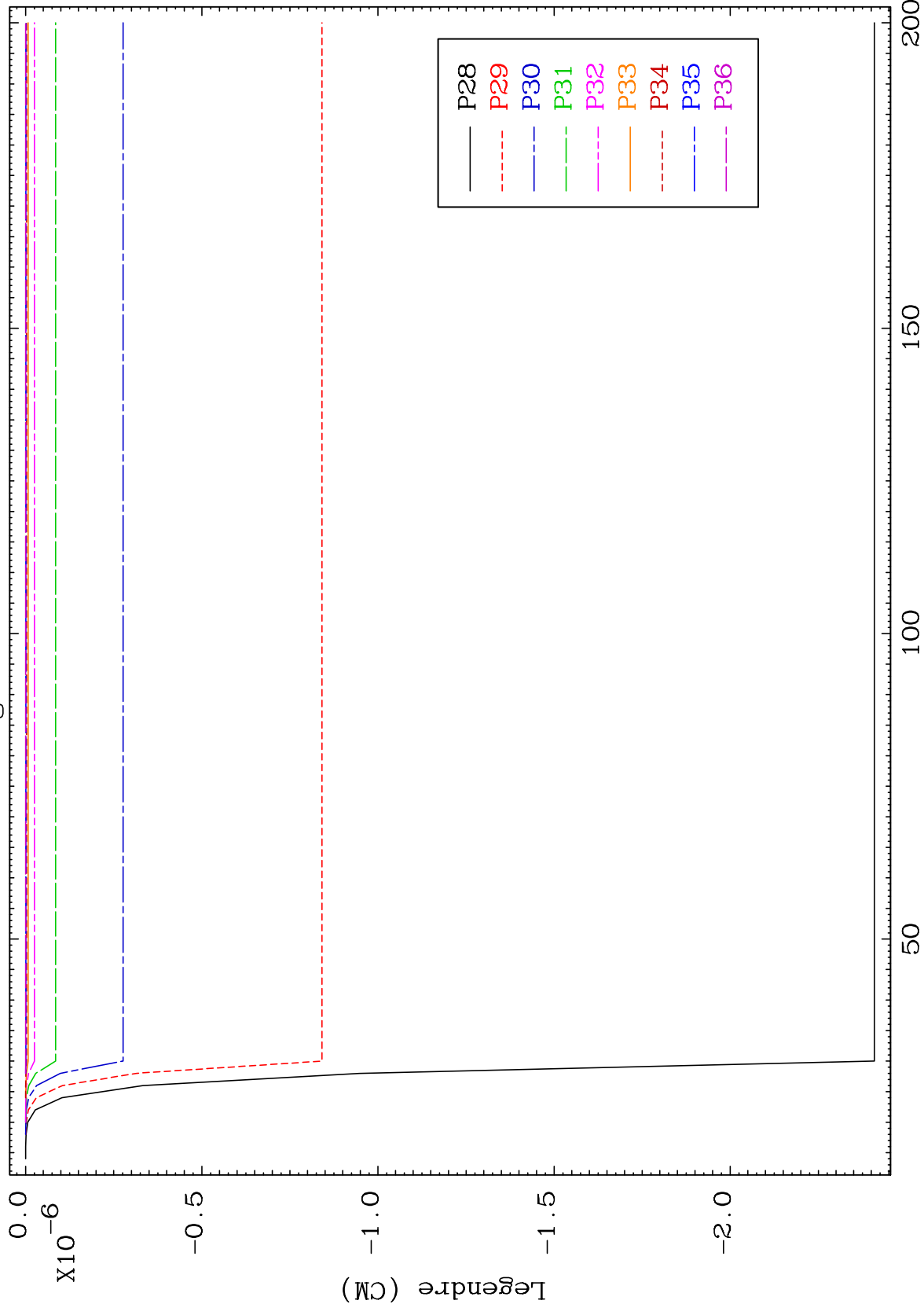
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



127

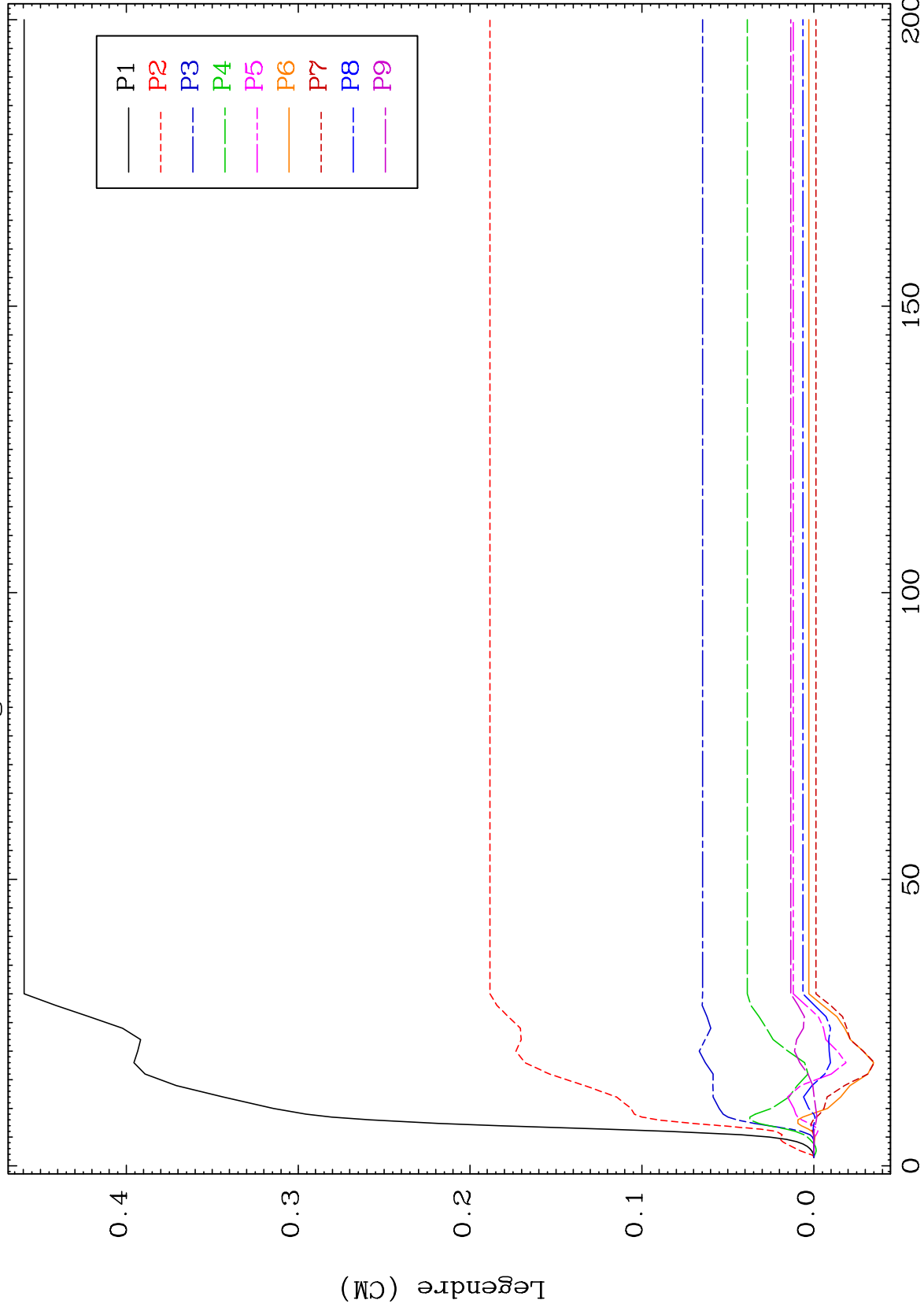
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



128

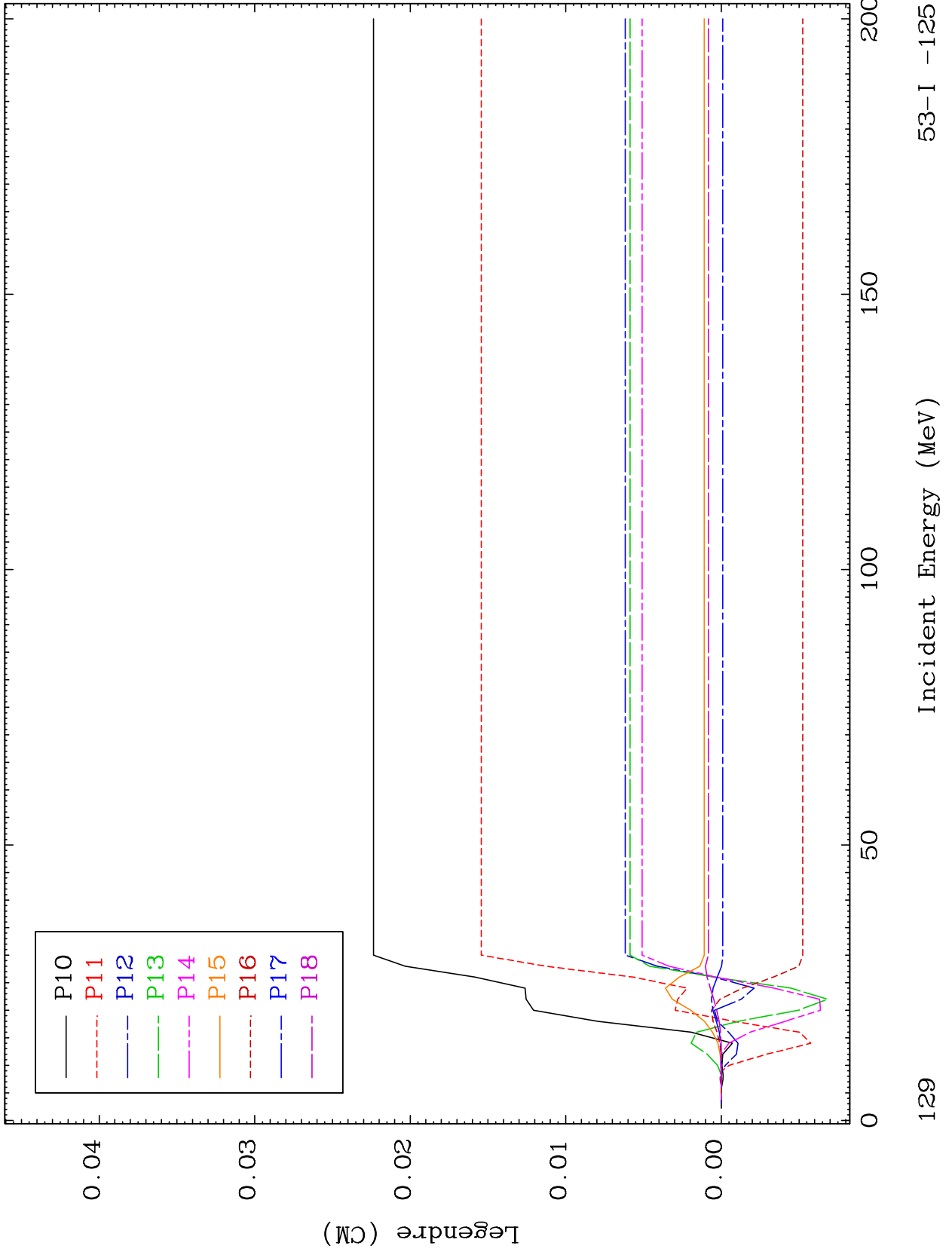
Incident Energy (MeV)

53-I -125

MAT 5319

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

53-I -125



129

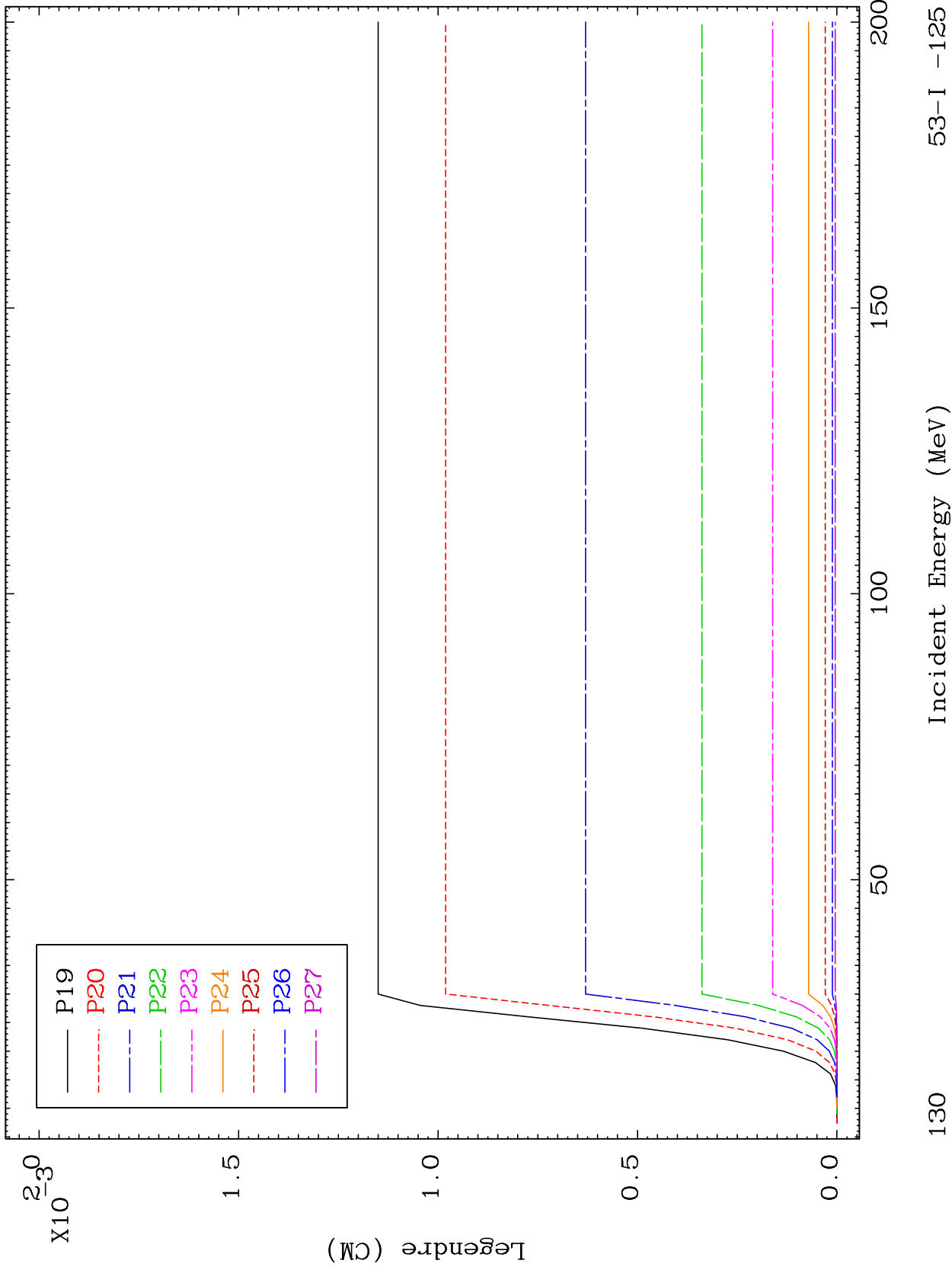
Incident Energy (MeV)

53-I -125

MAT 5319

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

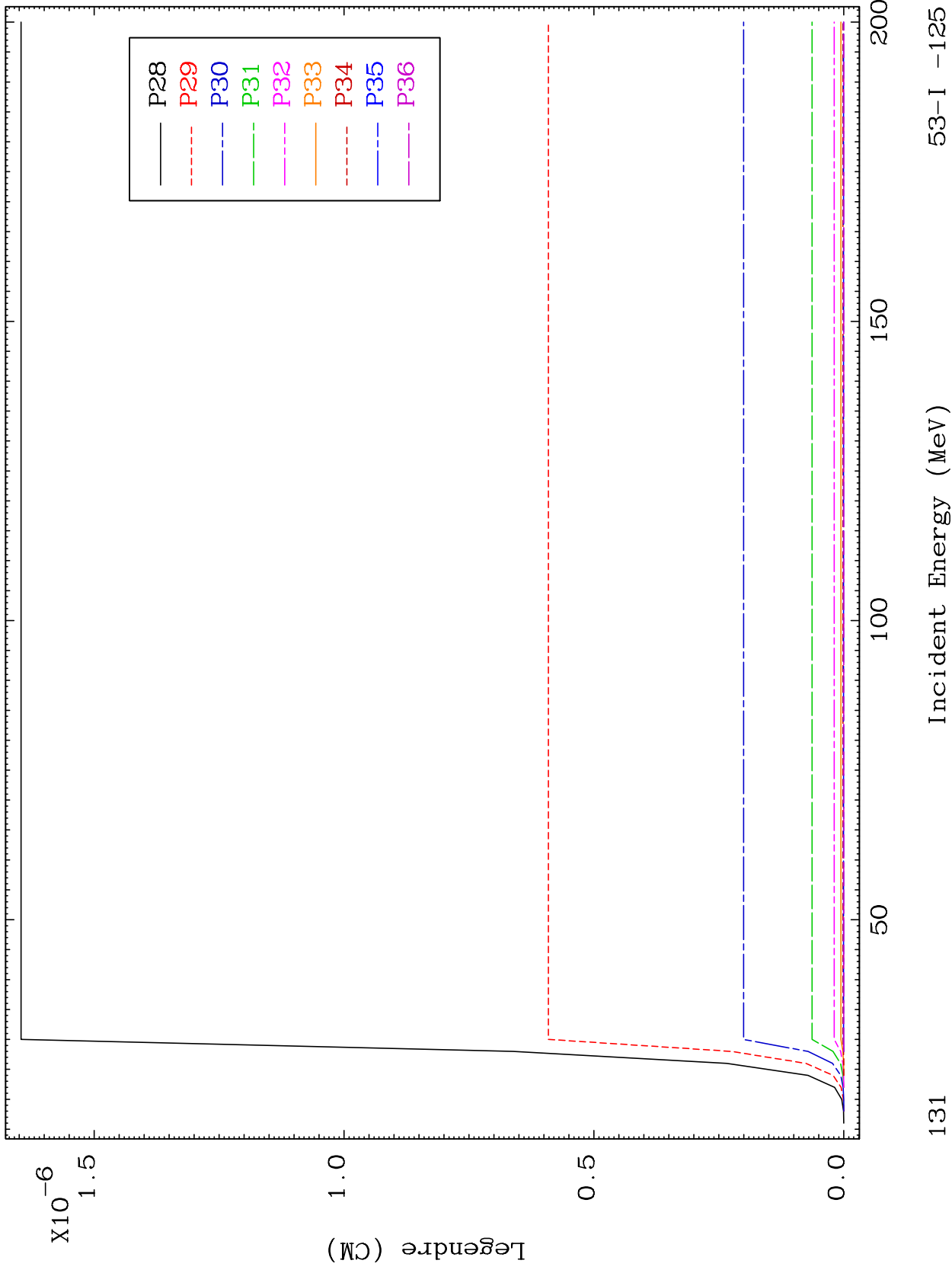
53-I -125



MAT 5319

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

53-I -125

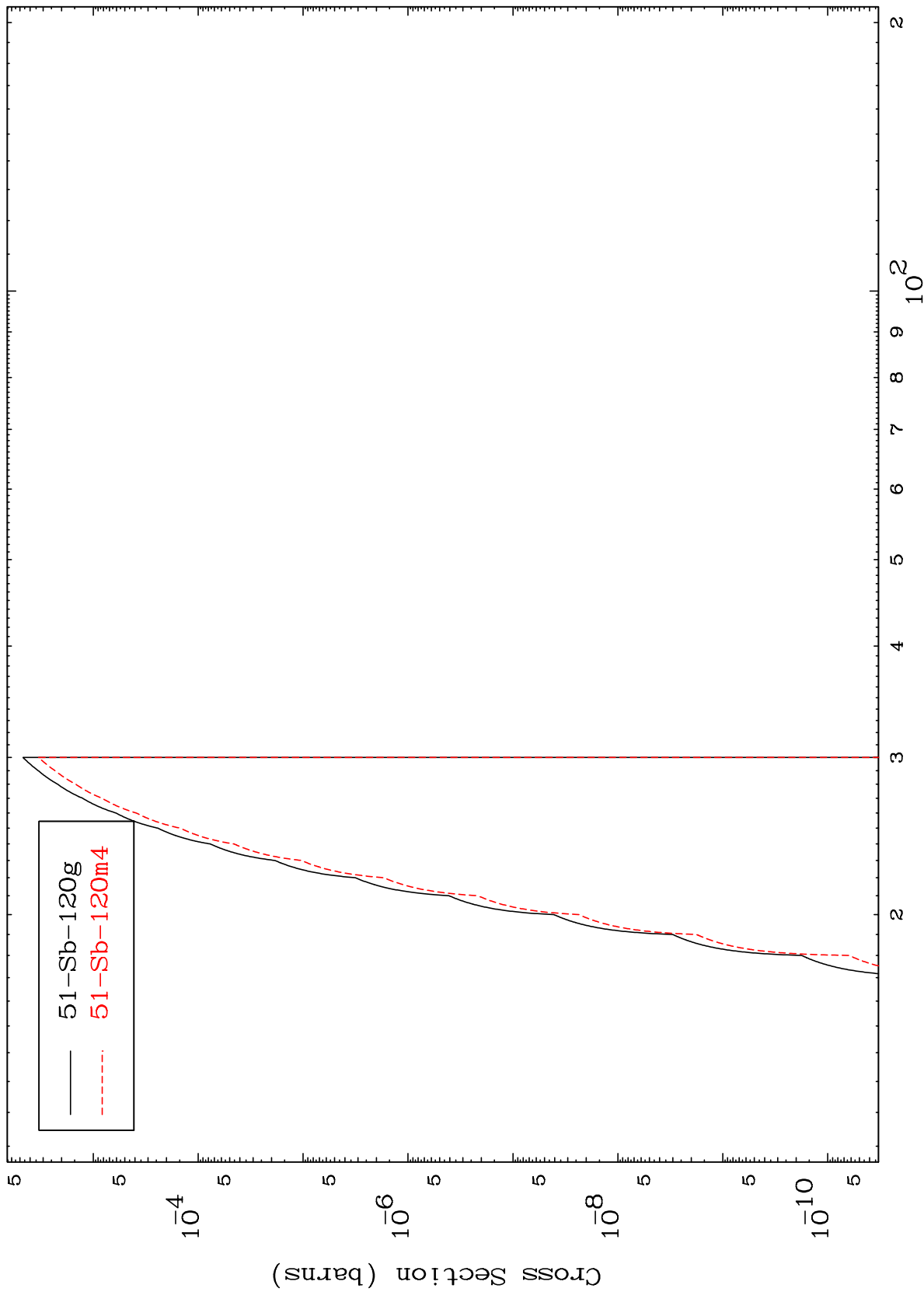


MAT 5319

(n,2n) α

53-I -125

Radionuclide Production Cross Section

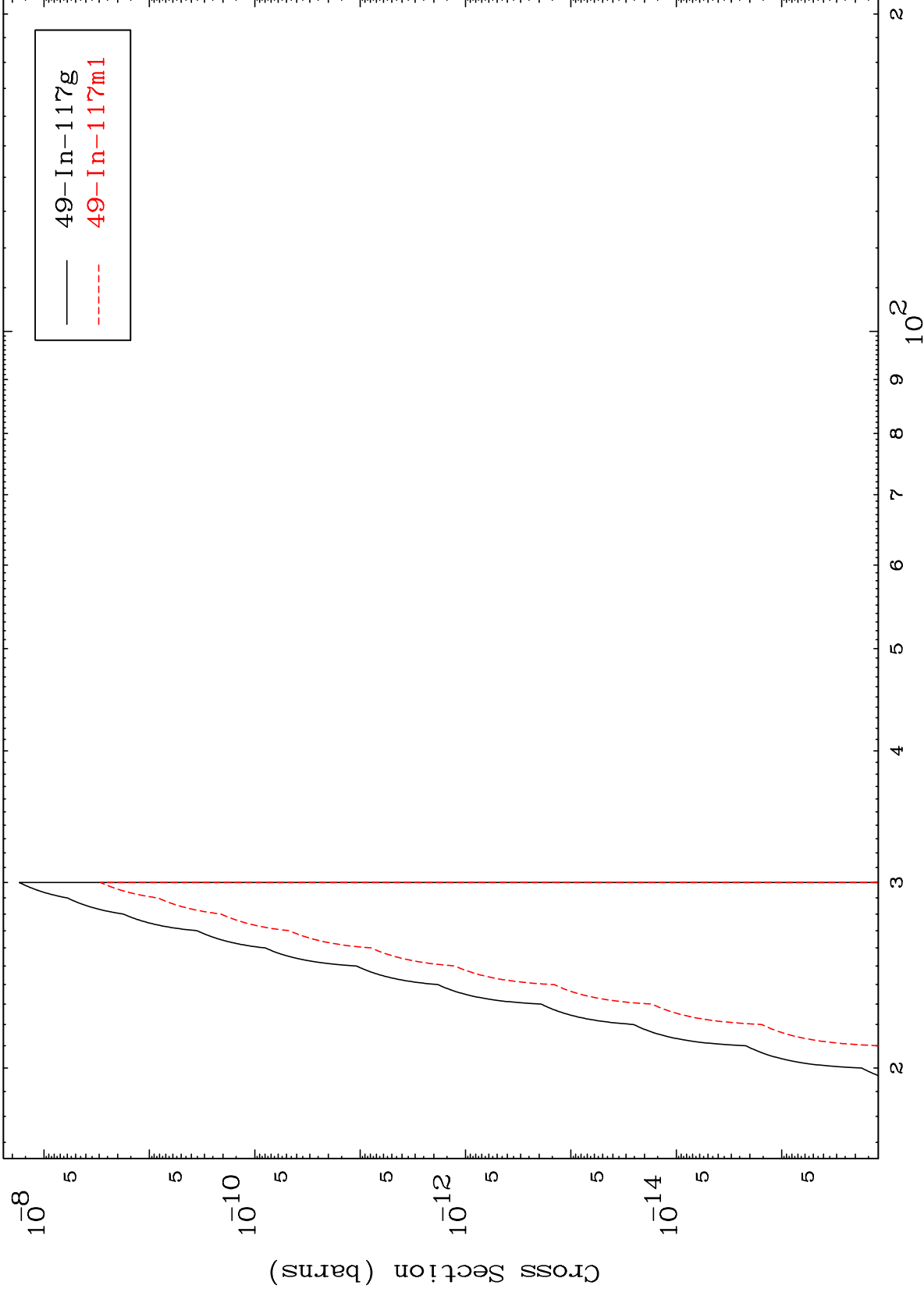


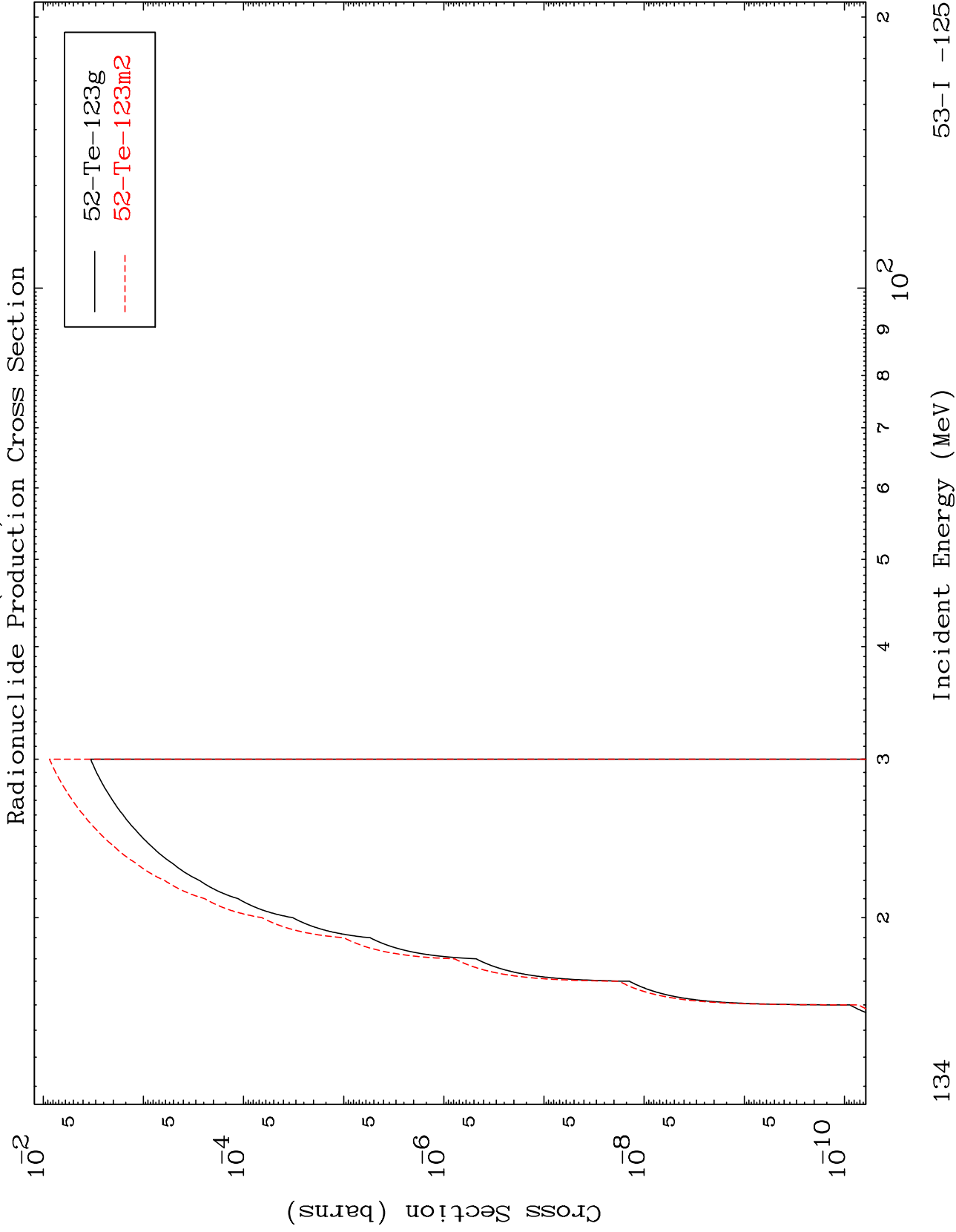
132

Incident Energy (MeV)

53-I -125

Radionuclide Production Cross Section

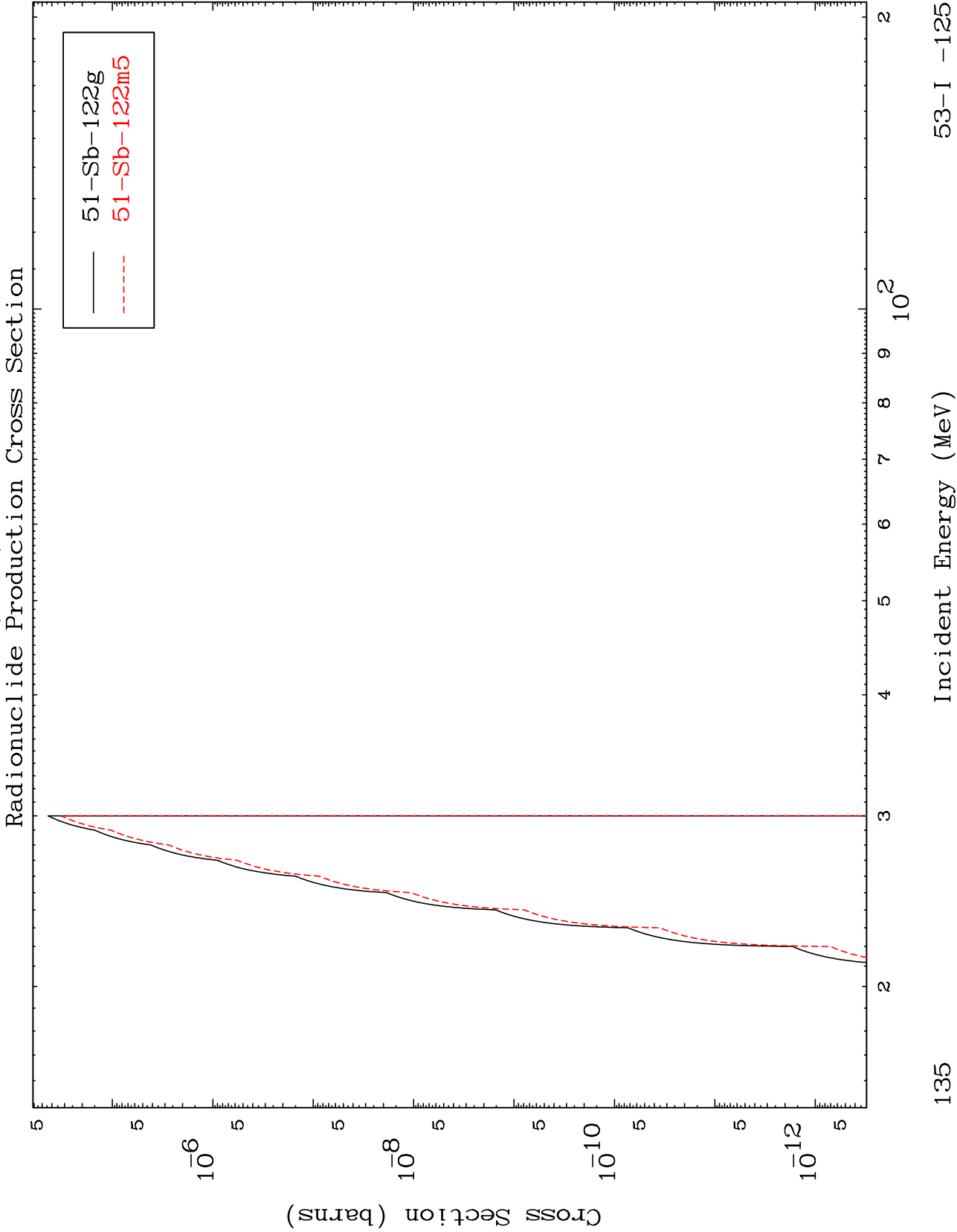




MAT 5319

(n,n') He-3

53-I -125

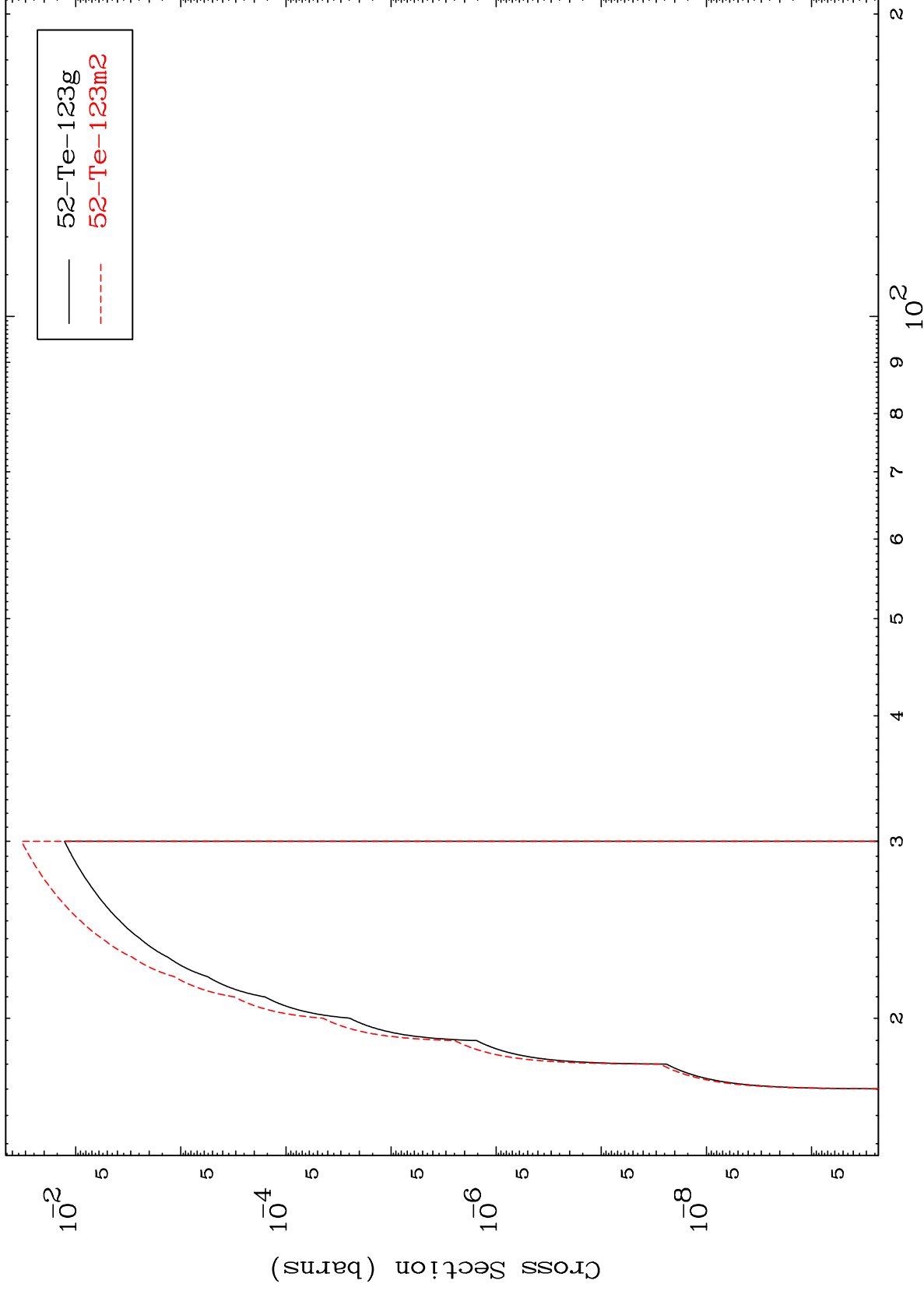


135

Incident Energy (MeV)

53-I -125

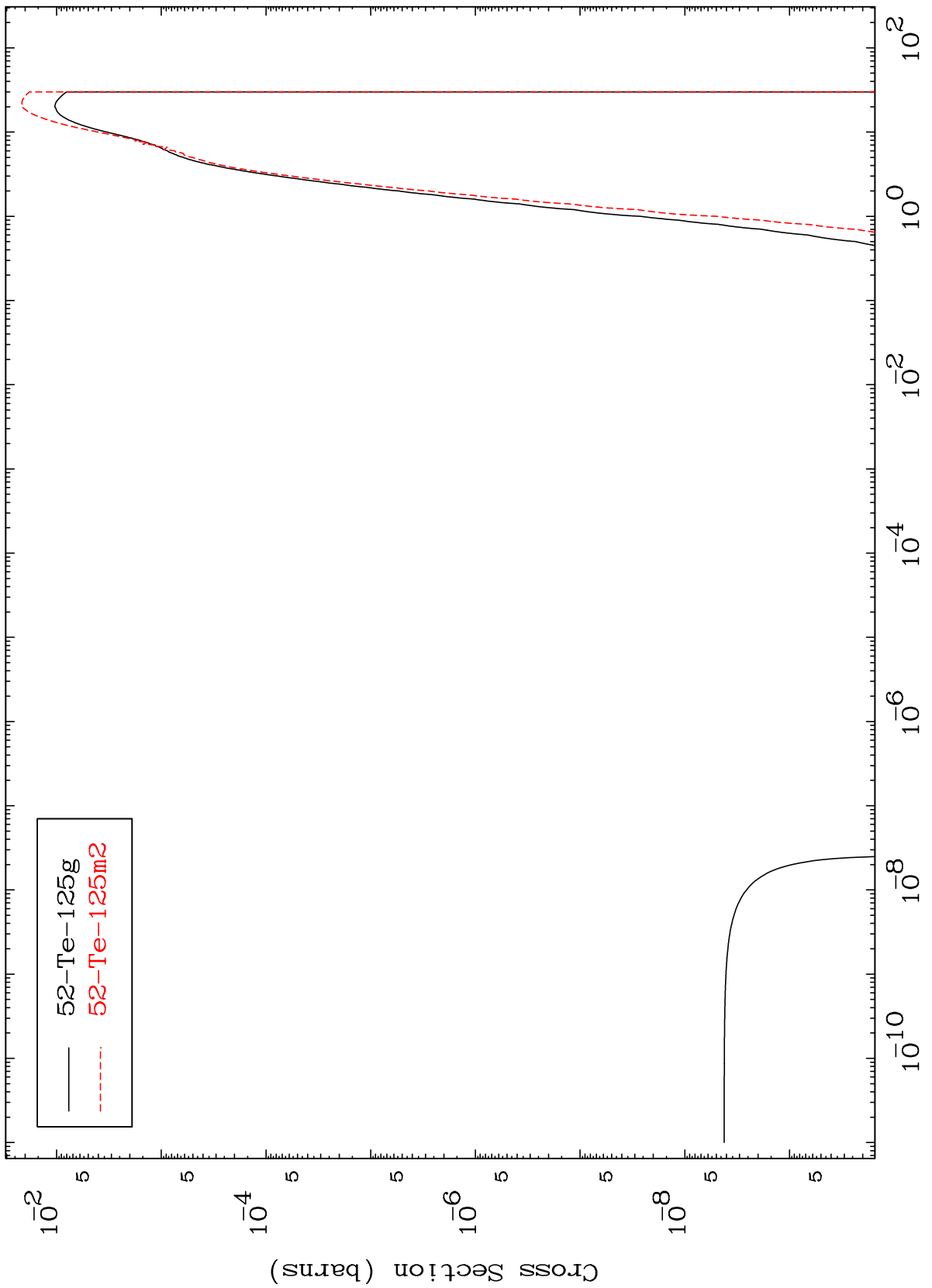
Radionuclide Production Cross Section



MAT 5319

53-I -125

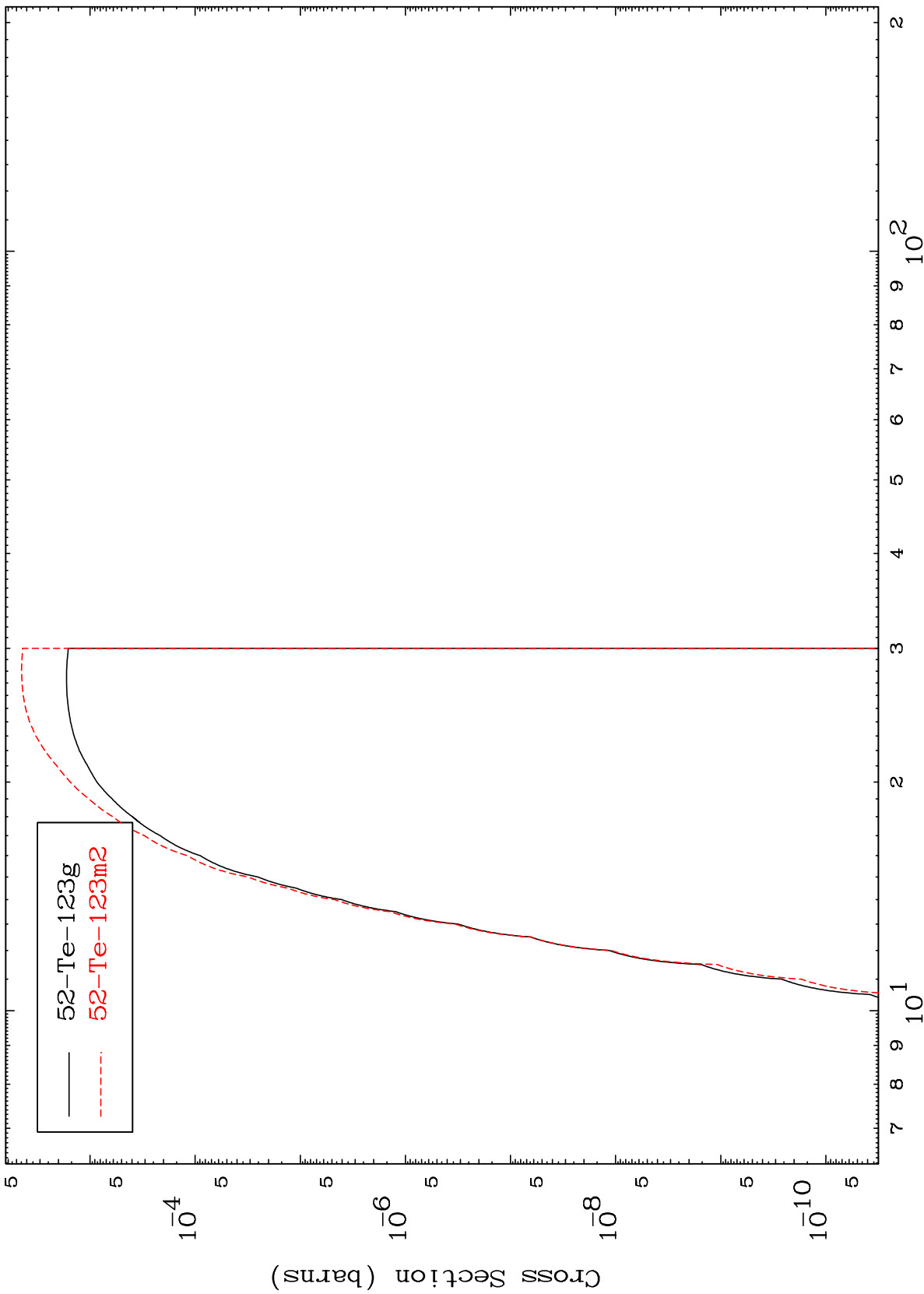
(n,p)
Radionuclide Production Cross Section



137

53-I -125

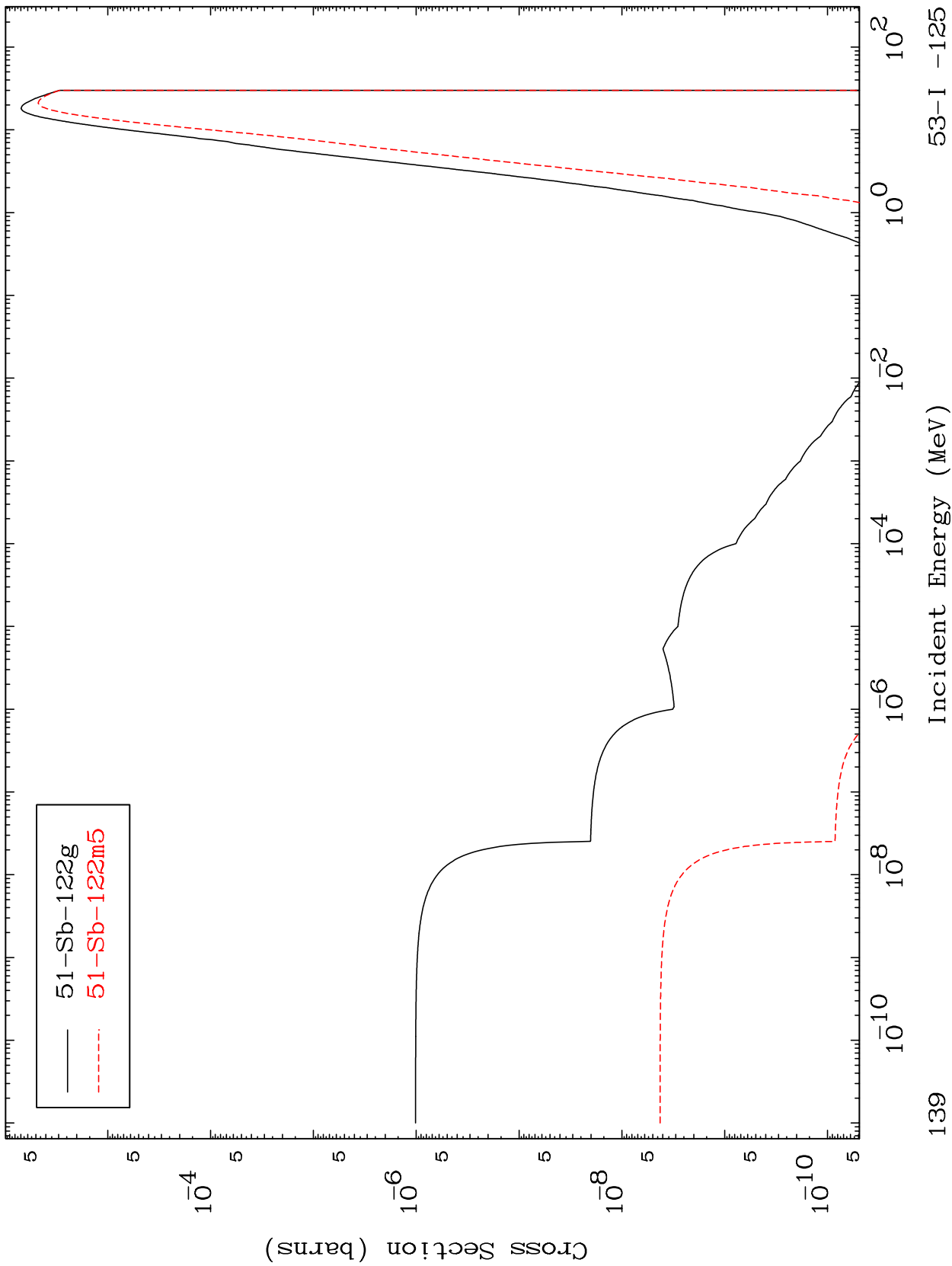
(n,t)
Radionuclide Production Cross Section



MAT 5319

53-I -125

Radionuclide Production Cross Section (n, α)

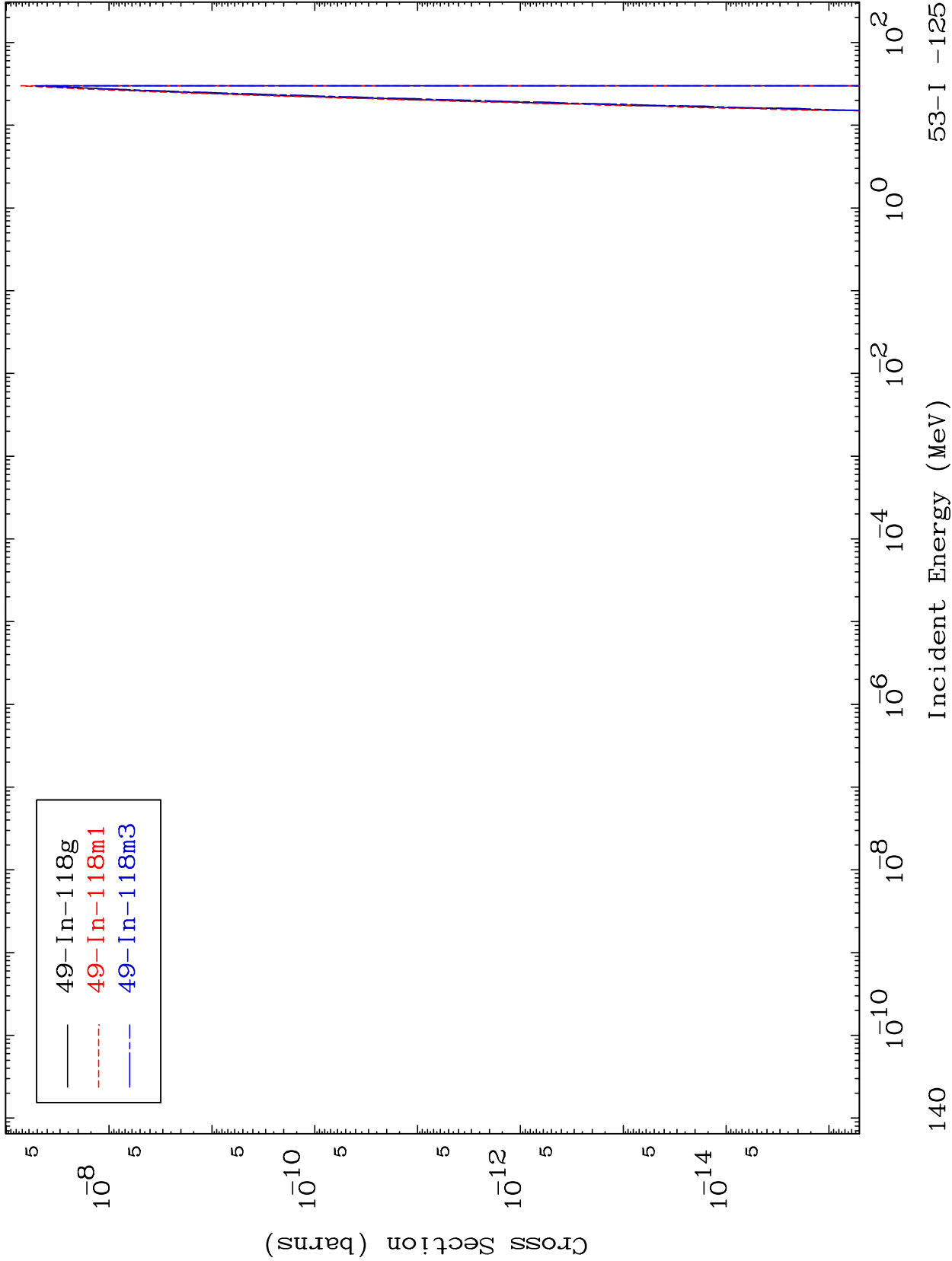


MAT 5319

(n,2α)

53-I -125

Radionuclide Production Cross Section



49-In-118g
49-In-118m1
49-In-118m3

140

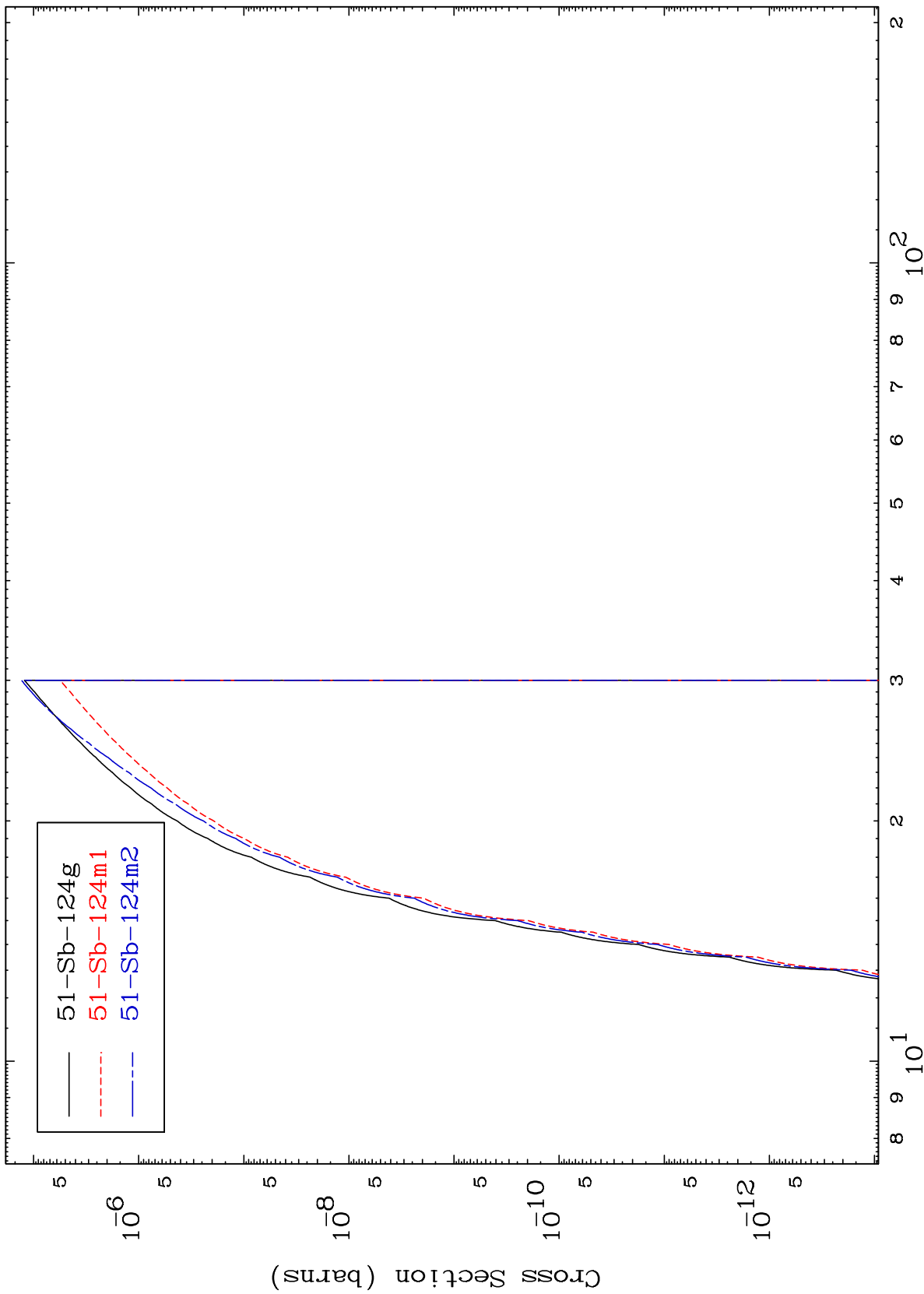
Incident Energy (MeV)

53-I -125

MAT 5319

53-I -125

Radionuclide Production Cross Section
(n,2p)



141

53-I -125

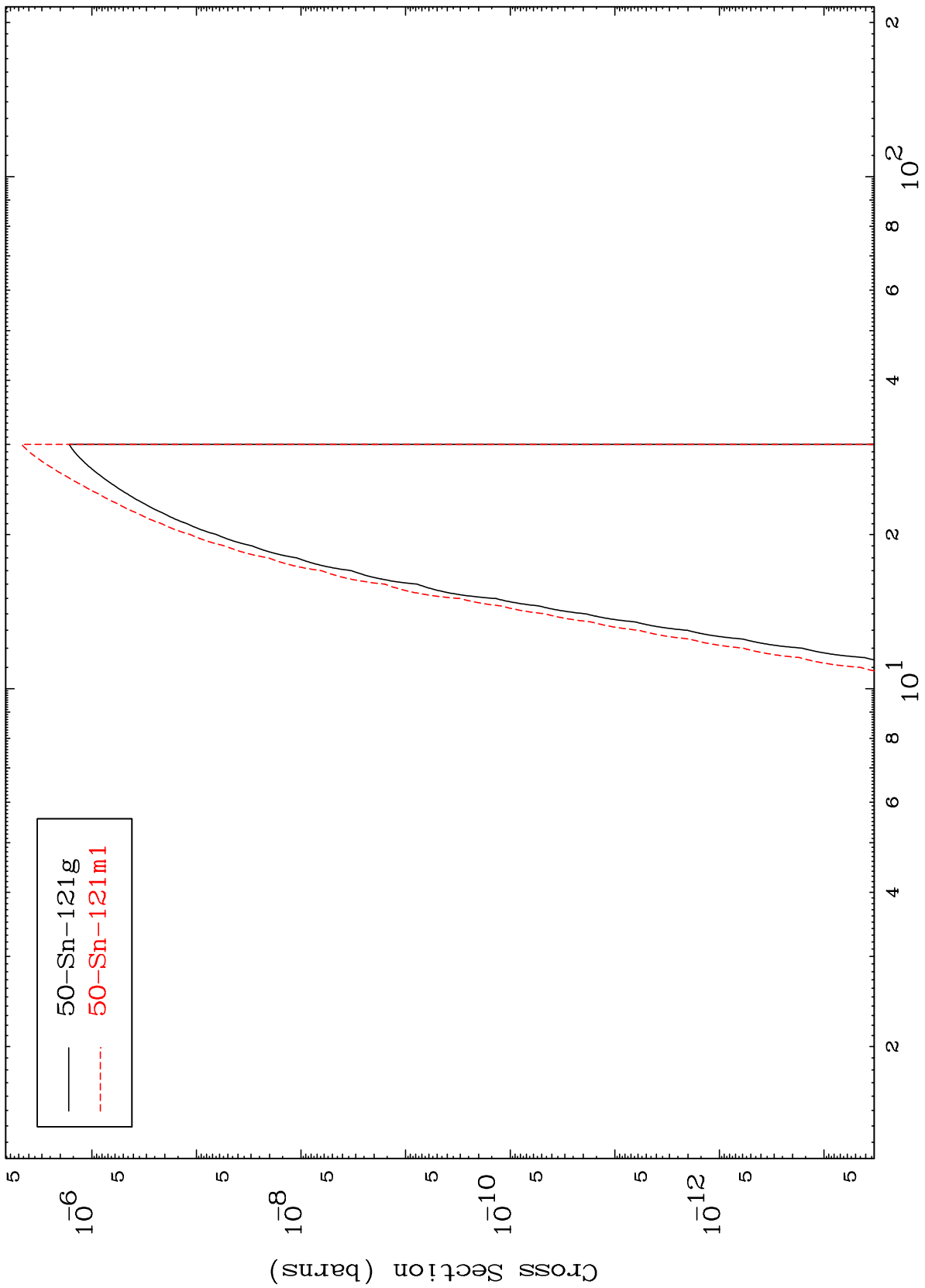
Incident Energy (MeV)

MAT 5319

(n,p) α

53-I -125

Radionuclide Production Cross Section



142

Incident Energy (MeV)

53-I -125

Radionuclide Production Cross Section

