

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

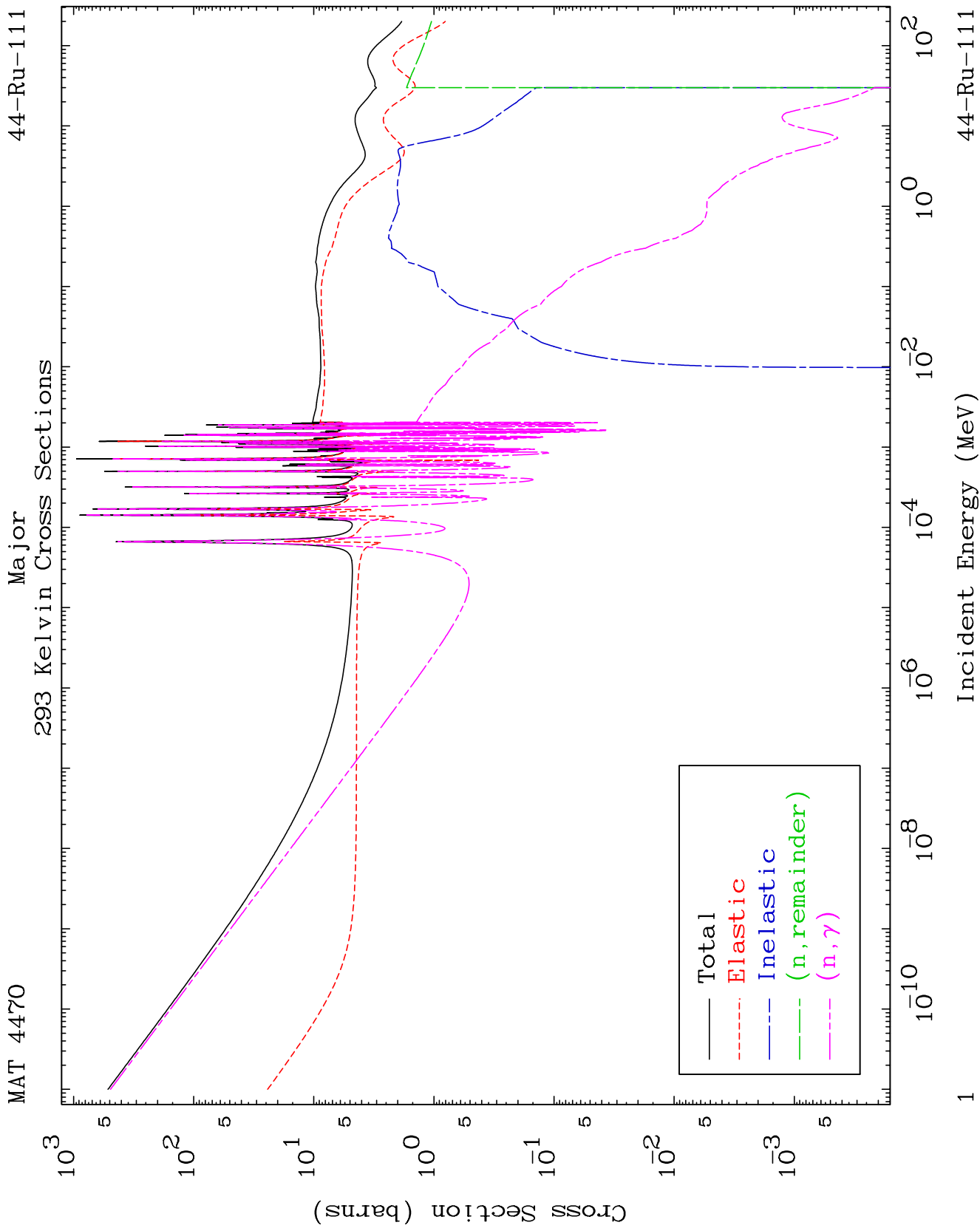
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



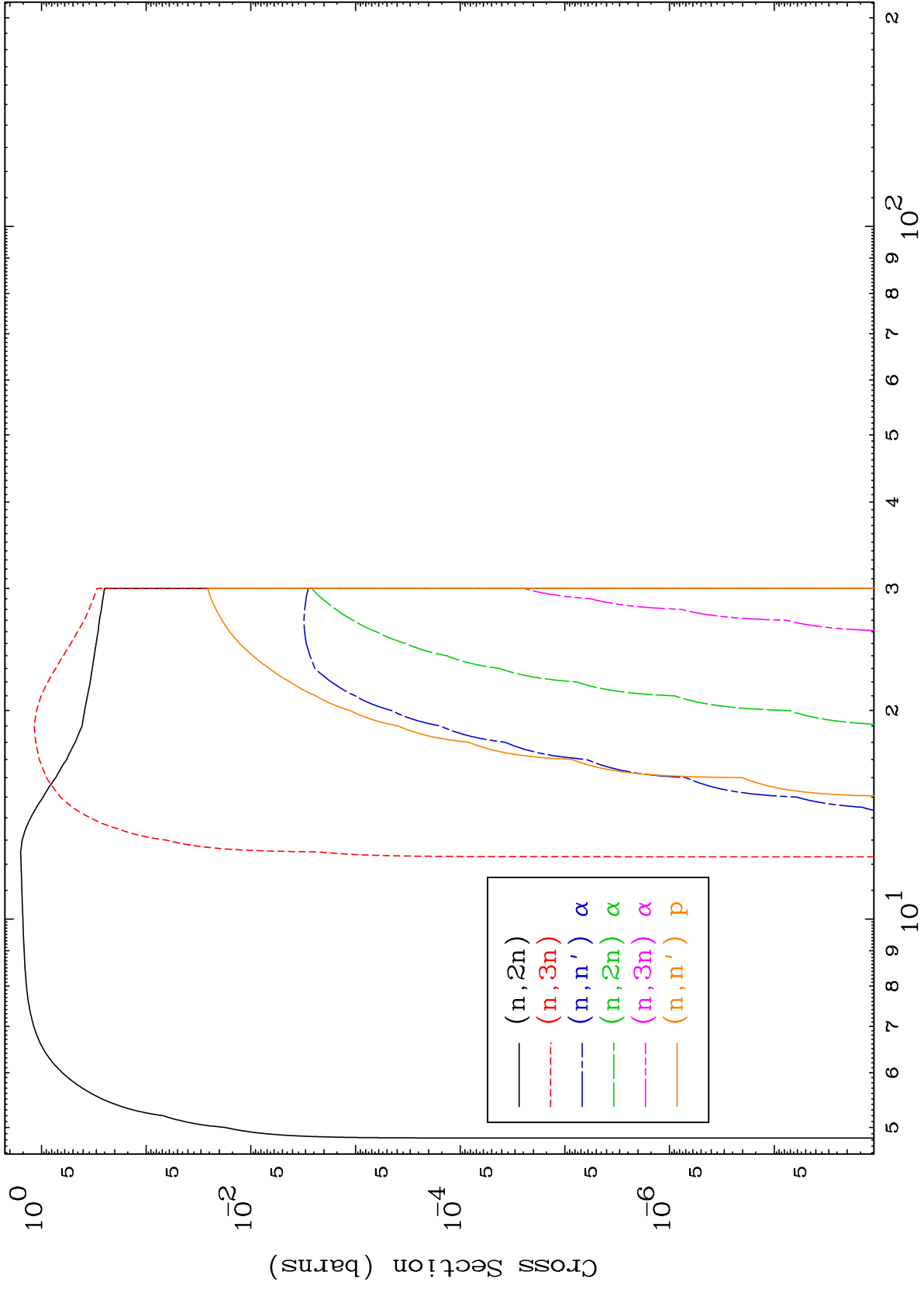
MAT 4470

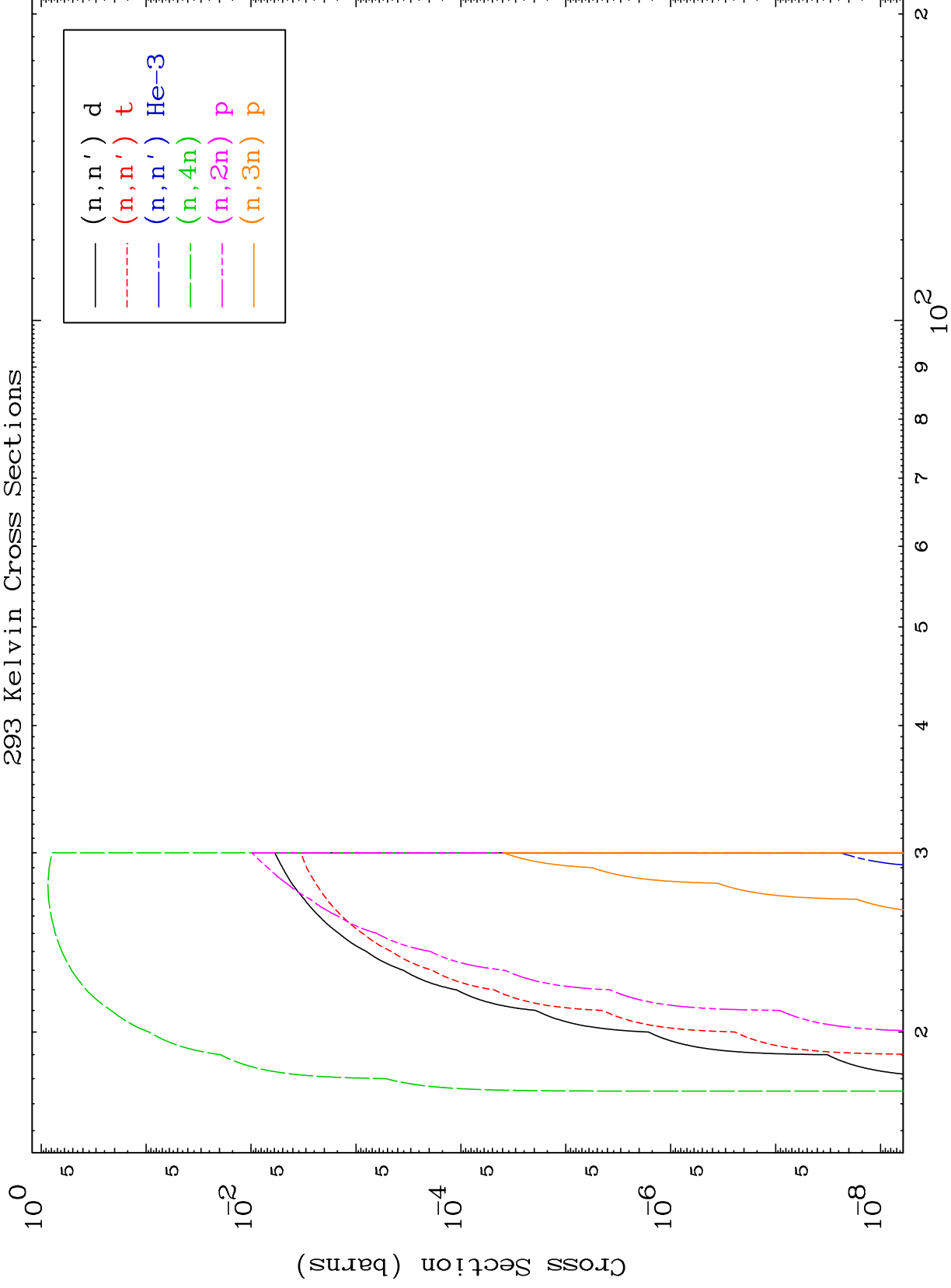
44-Ru-111

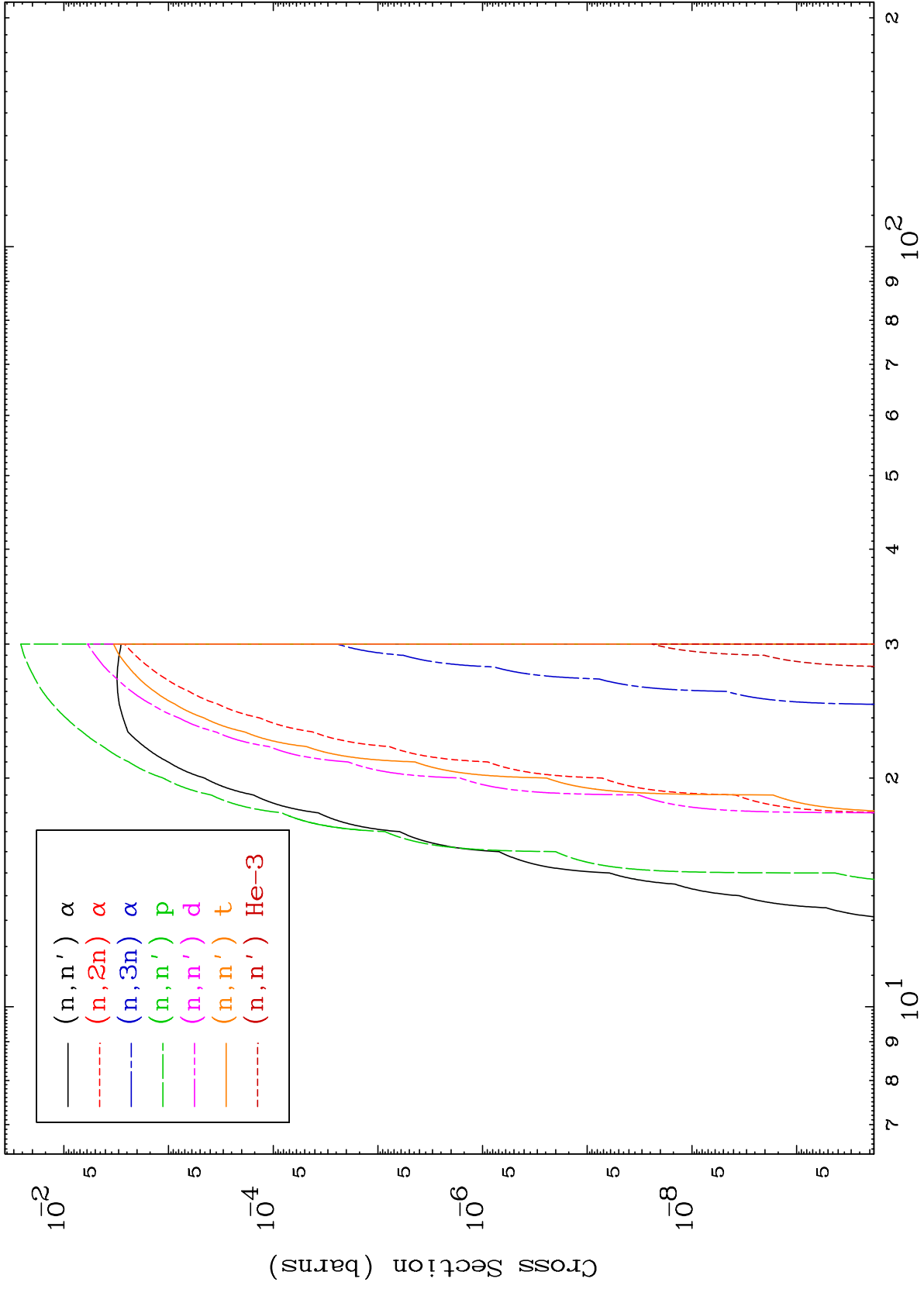
MAT 4470

Neutron Production  
293 Kelvin Cross Sections

44-Ru-111



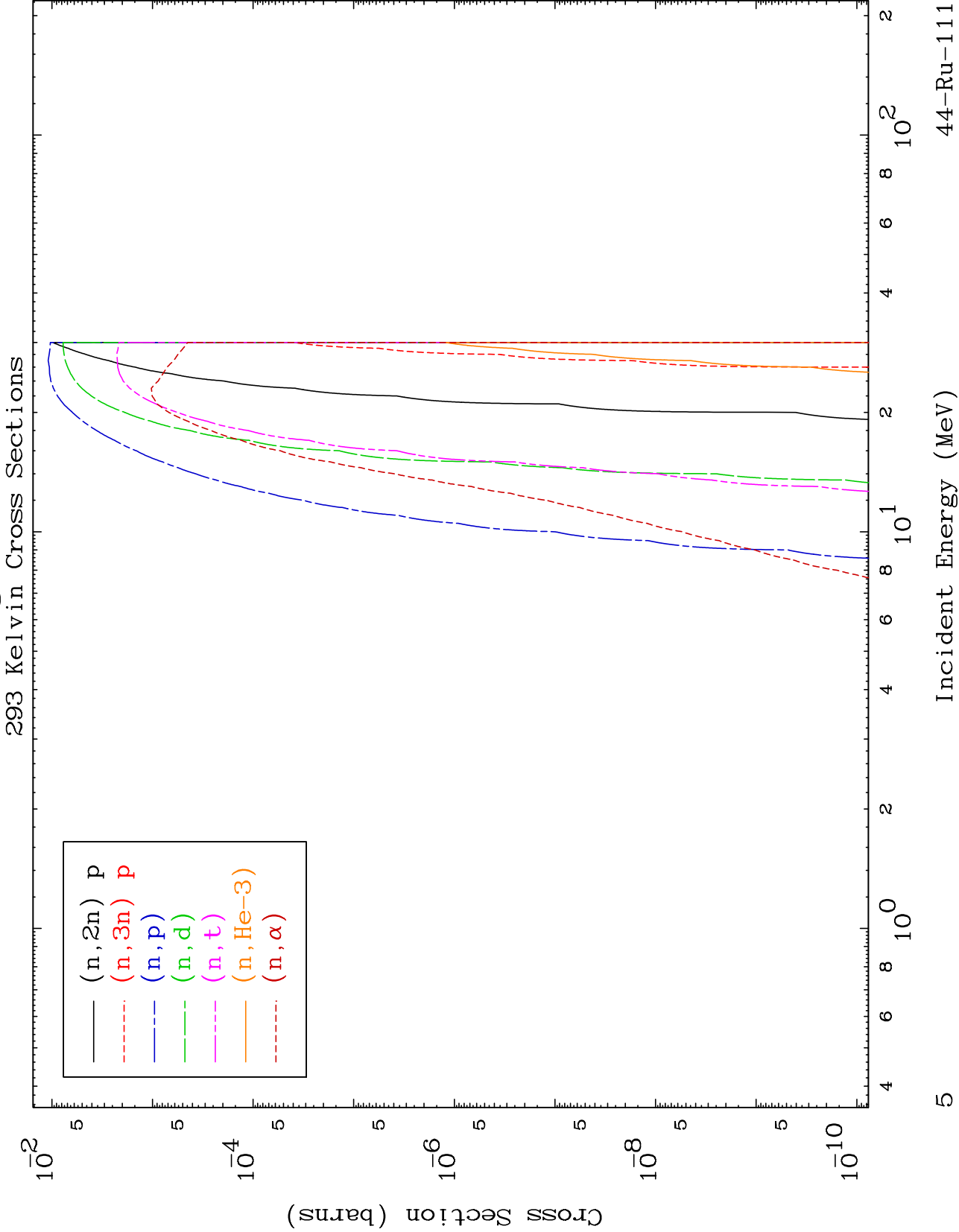




MAT 4470

Charged Particle

44-Ru-111

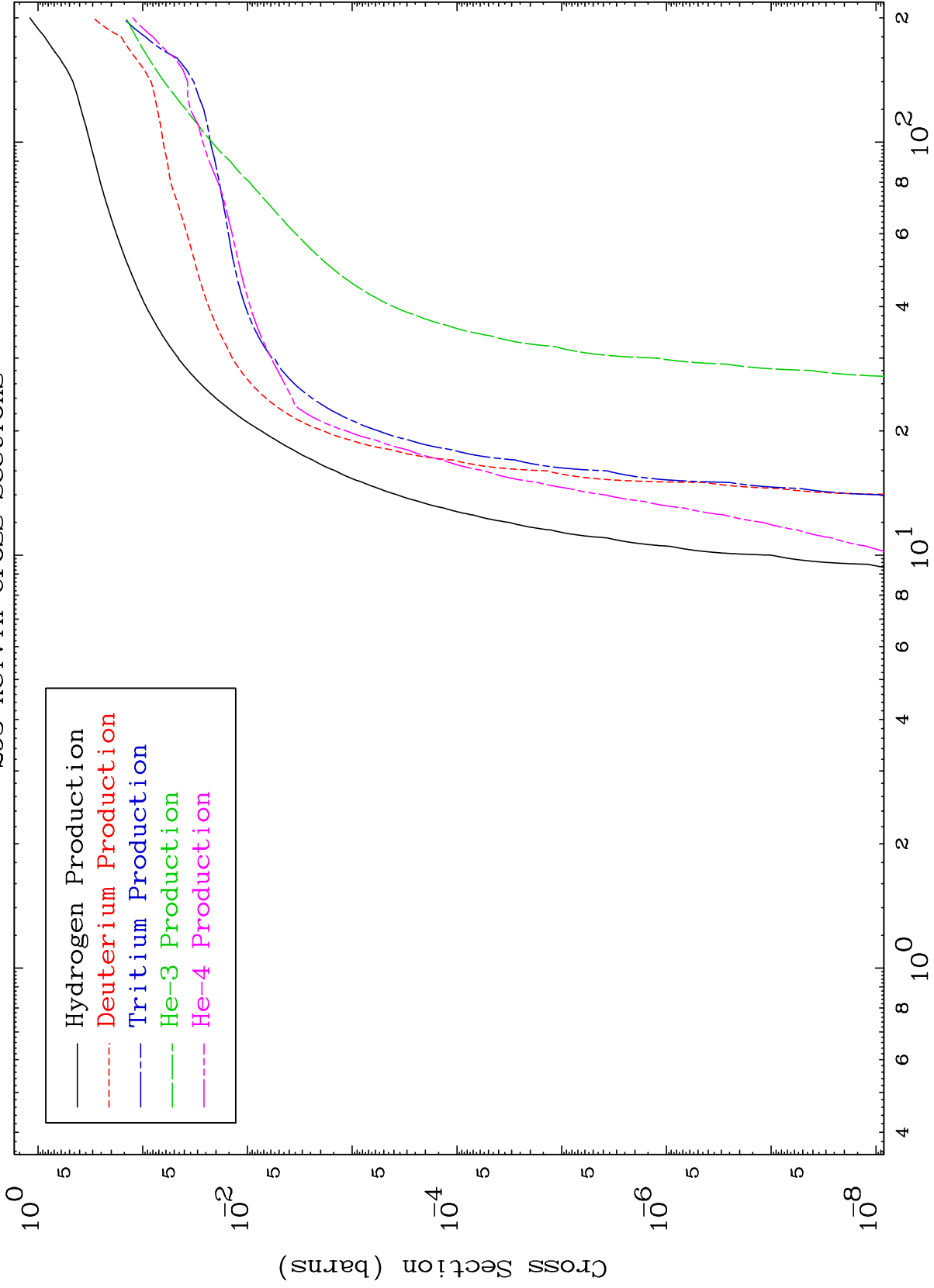


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MAT 4470

Particle Production  
293 Kelvin Cross Sections

44-Ru-111



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Incident Energy (MeV)

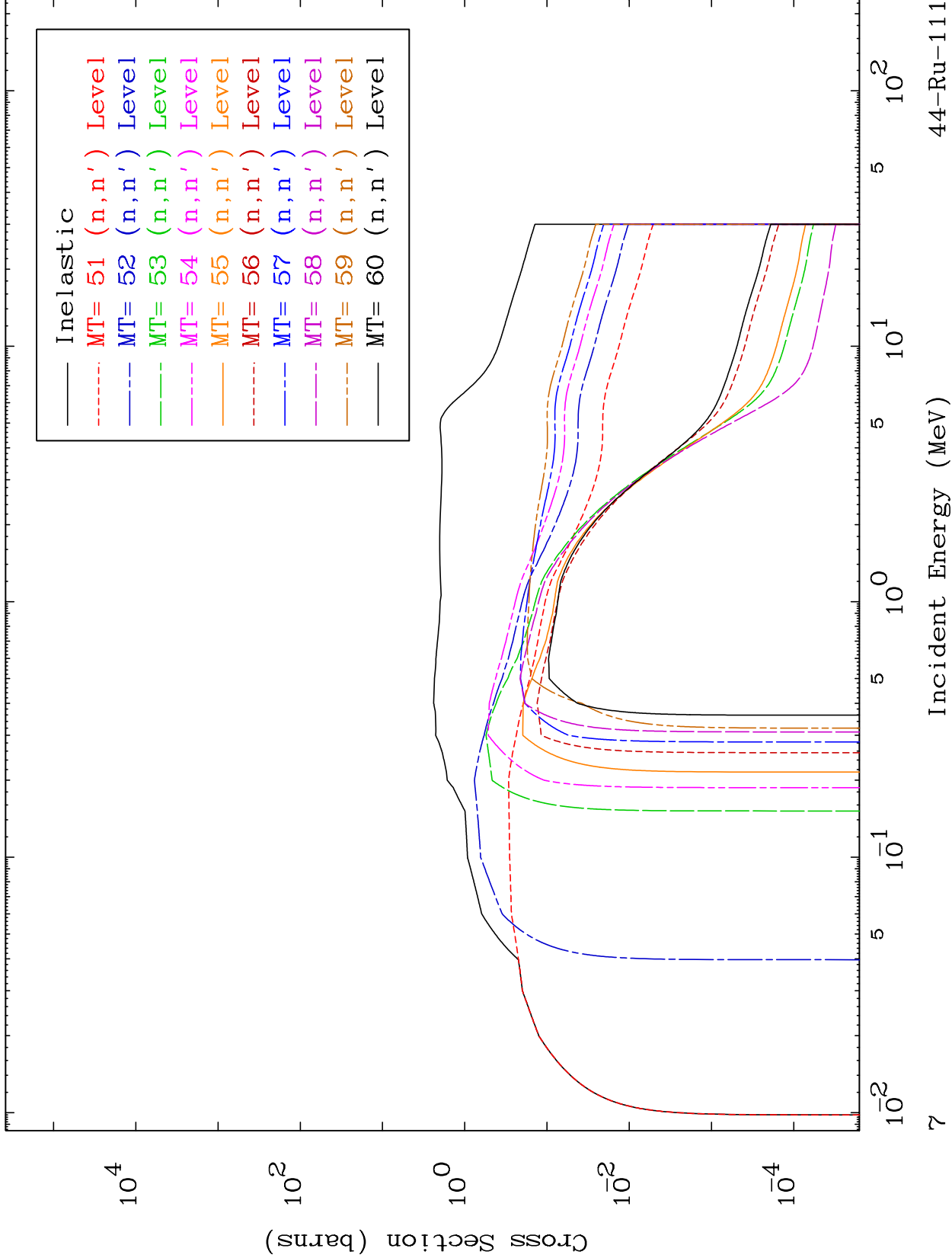
44-Ru-111

MAT 4470

(n,n') Level

44-Ru-111

293 Kelvin Cross Sections



44-Ru-111

7

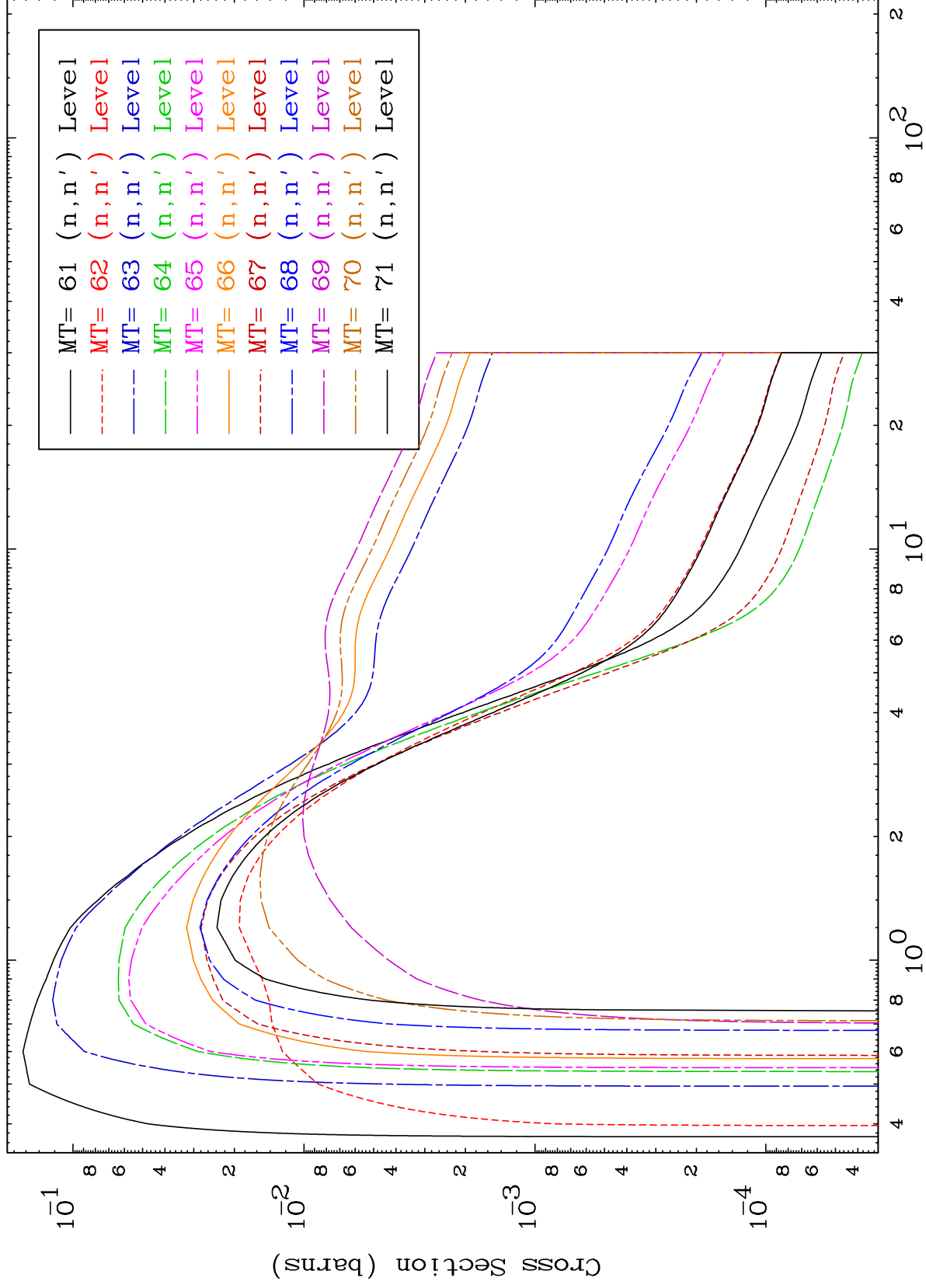


MAT 4470

(n,n') Level

44-Ru-111

293 Kelvin Cross Sections

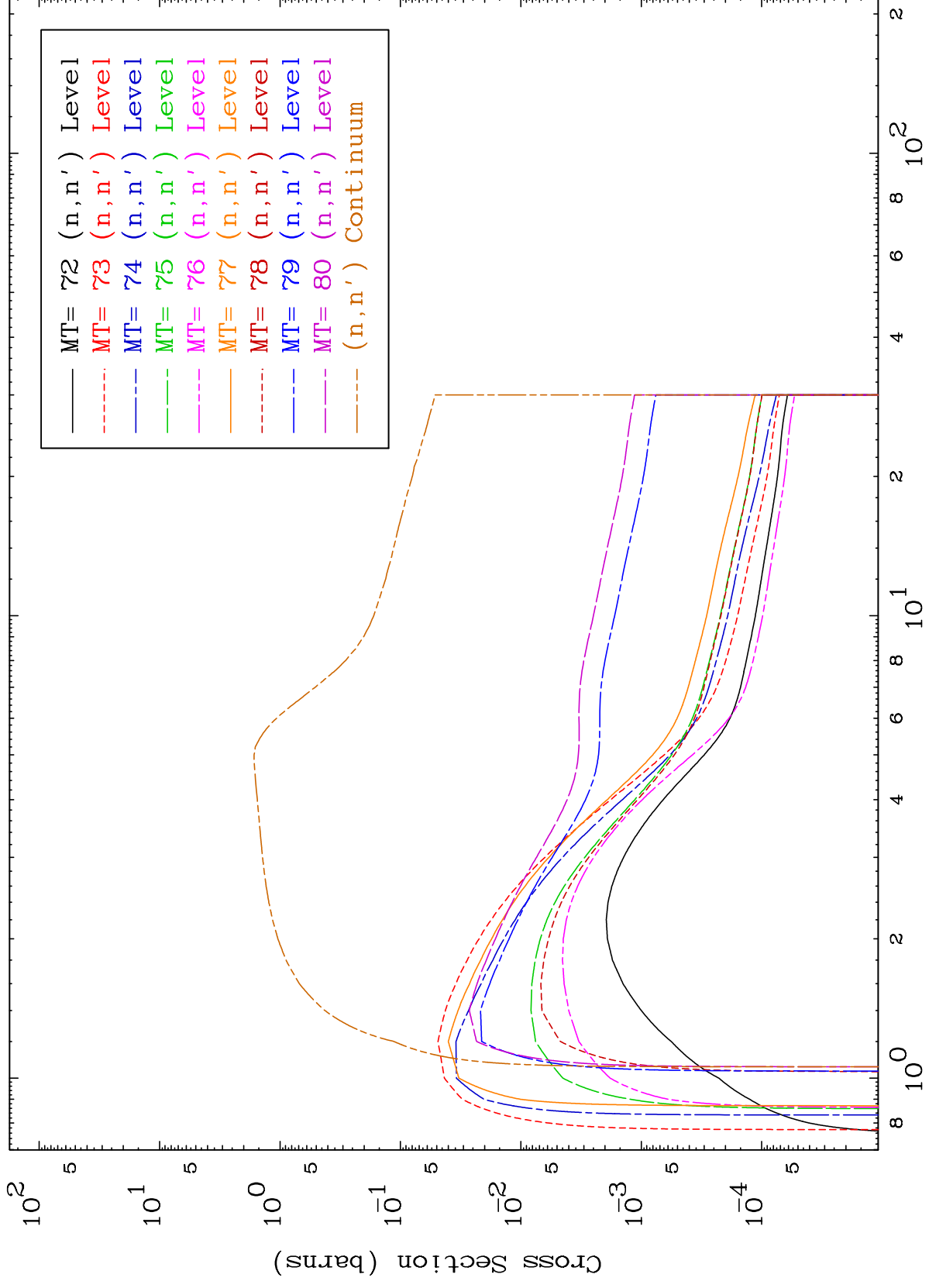


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Incident Energy (MeV)

44-Ru-111

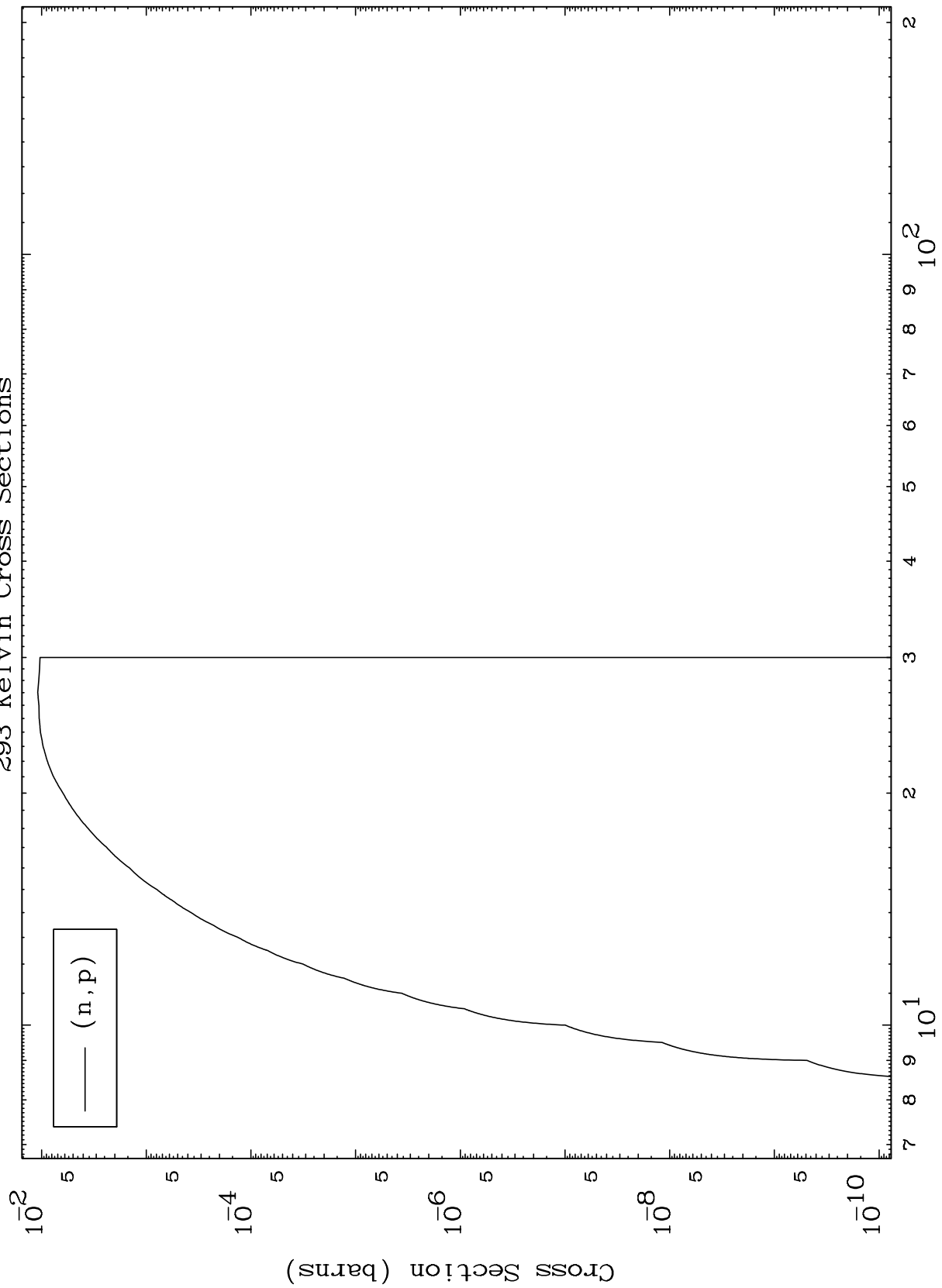
293 Kelvin Cross Sections



MAT 4470

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-111



(n,p)

44-Ru-111

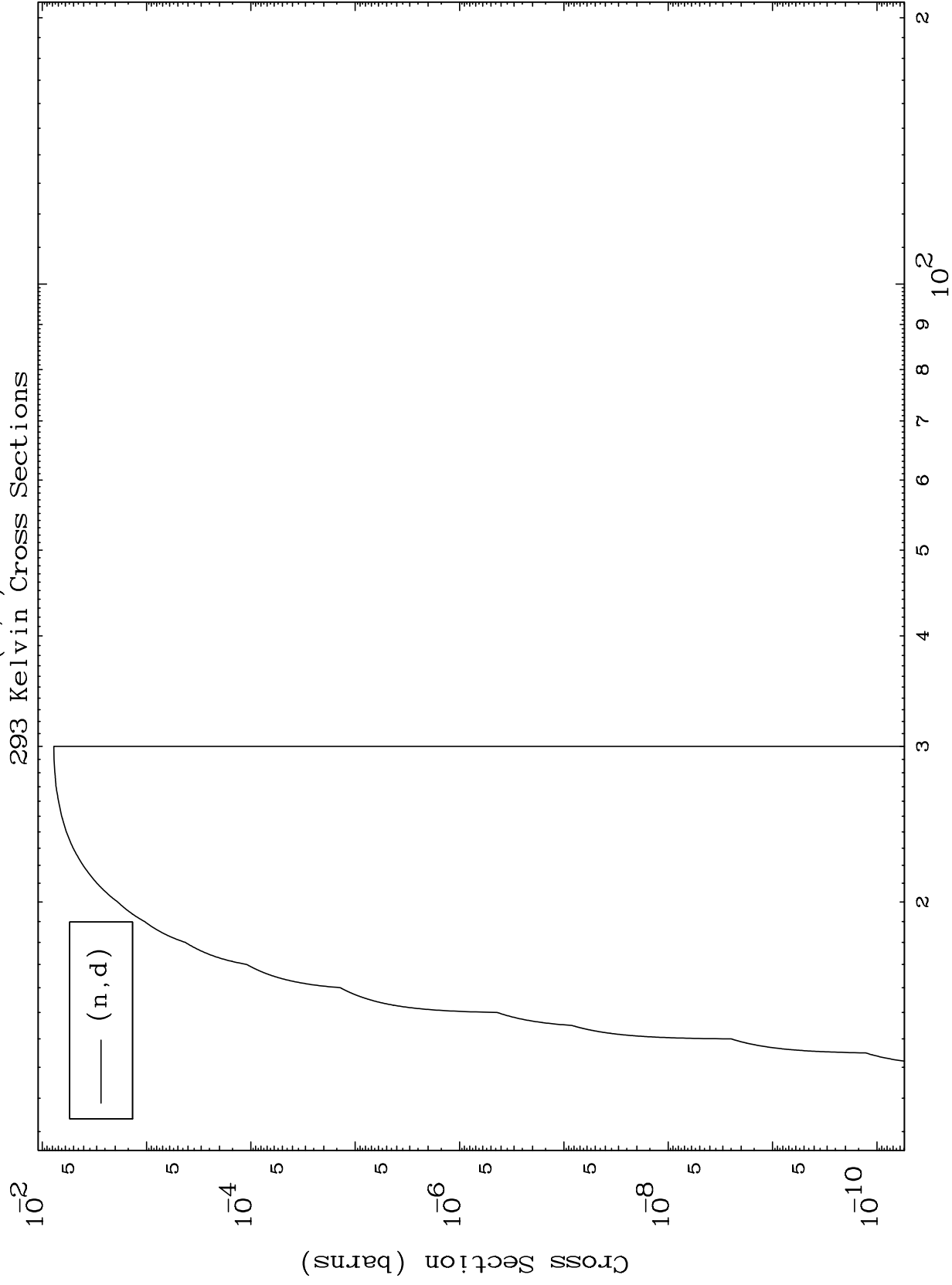
Incident Energy (MeV)

10

MAT 4470

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-111



11

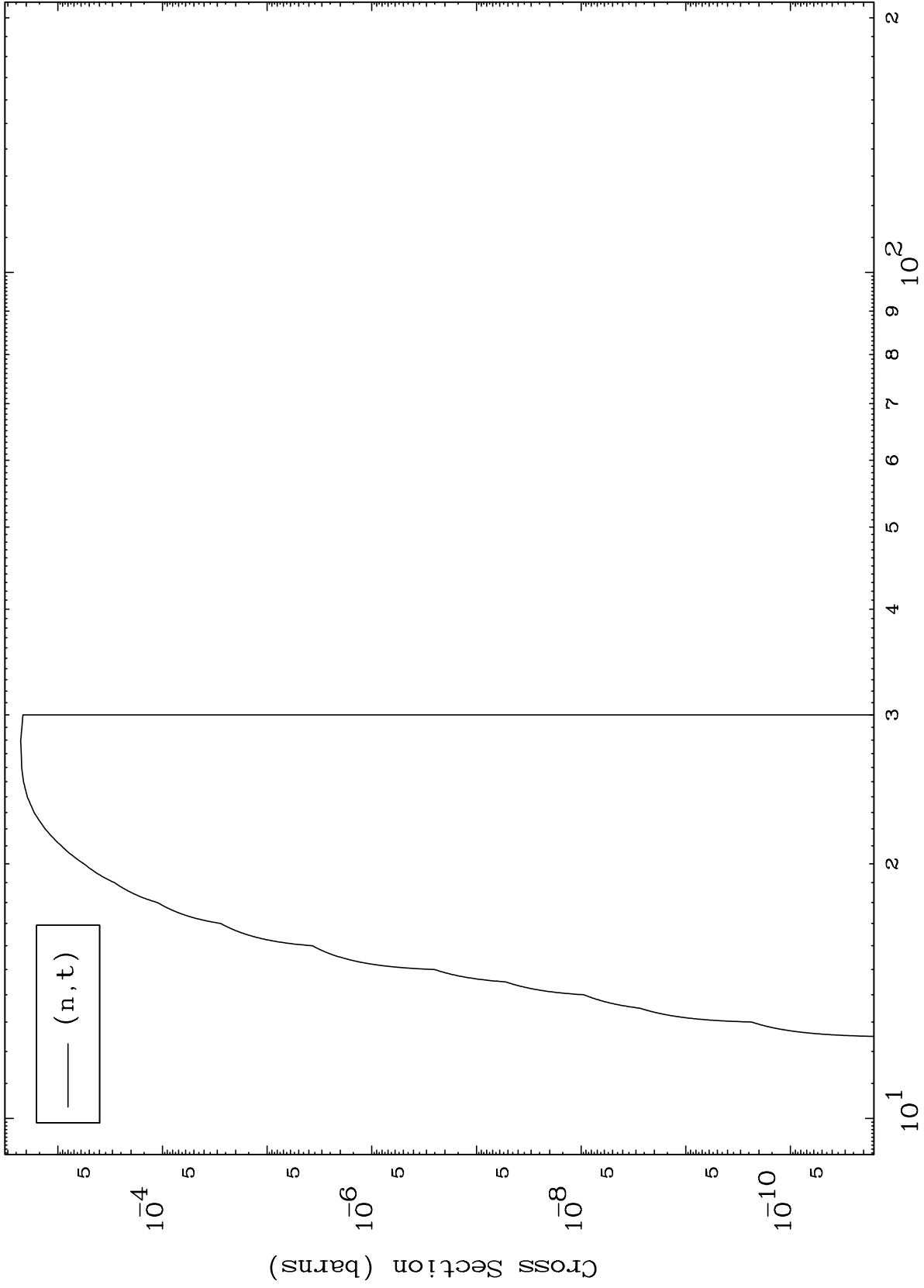
Incident Energy (MeV)

44-Ru-111

MAT 4470

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-111



12

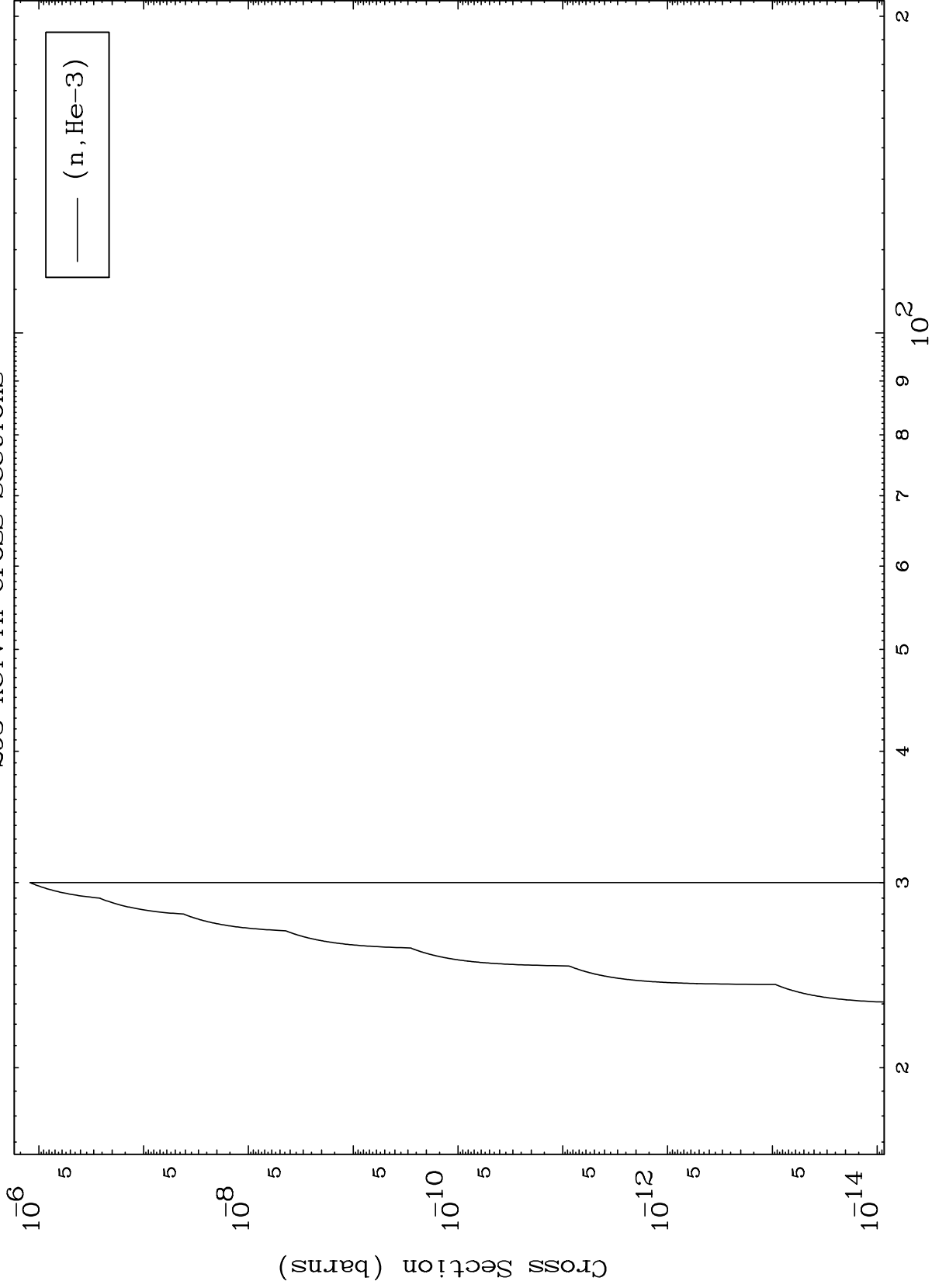
Incident Energy (MeV)

44-Ru-111

MAT 4470

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-111



13

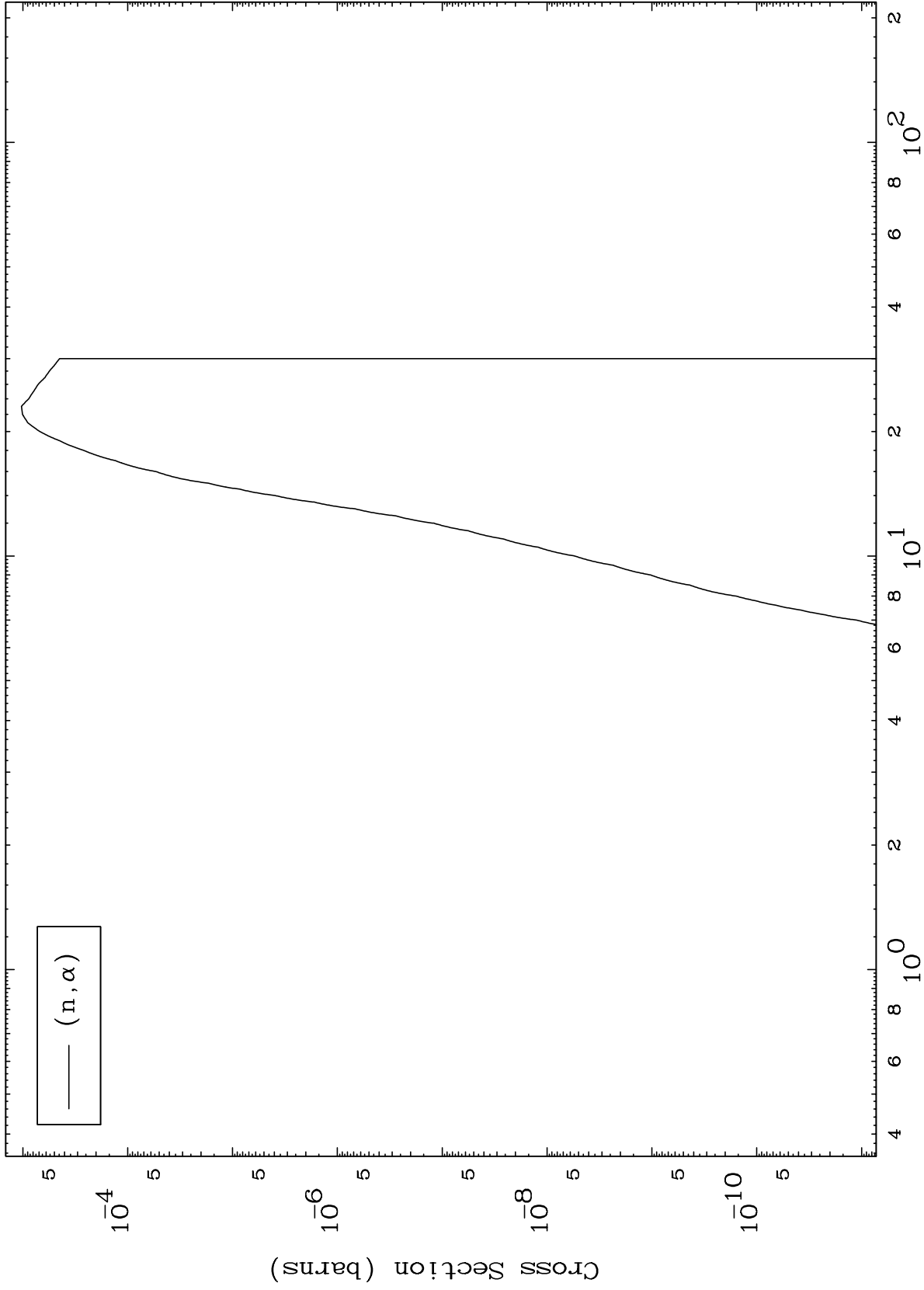
Incident Energy (MeV)

44-Ru-111

MAT 4470

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

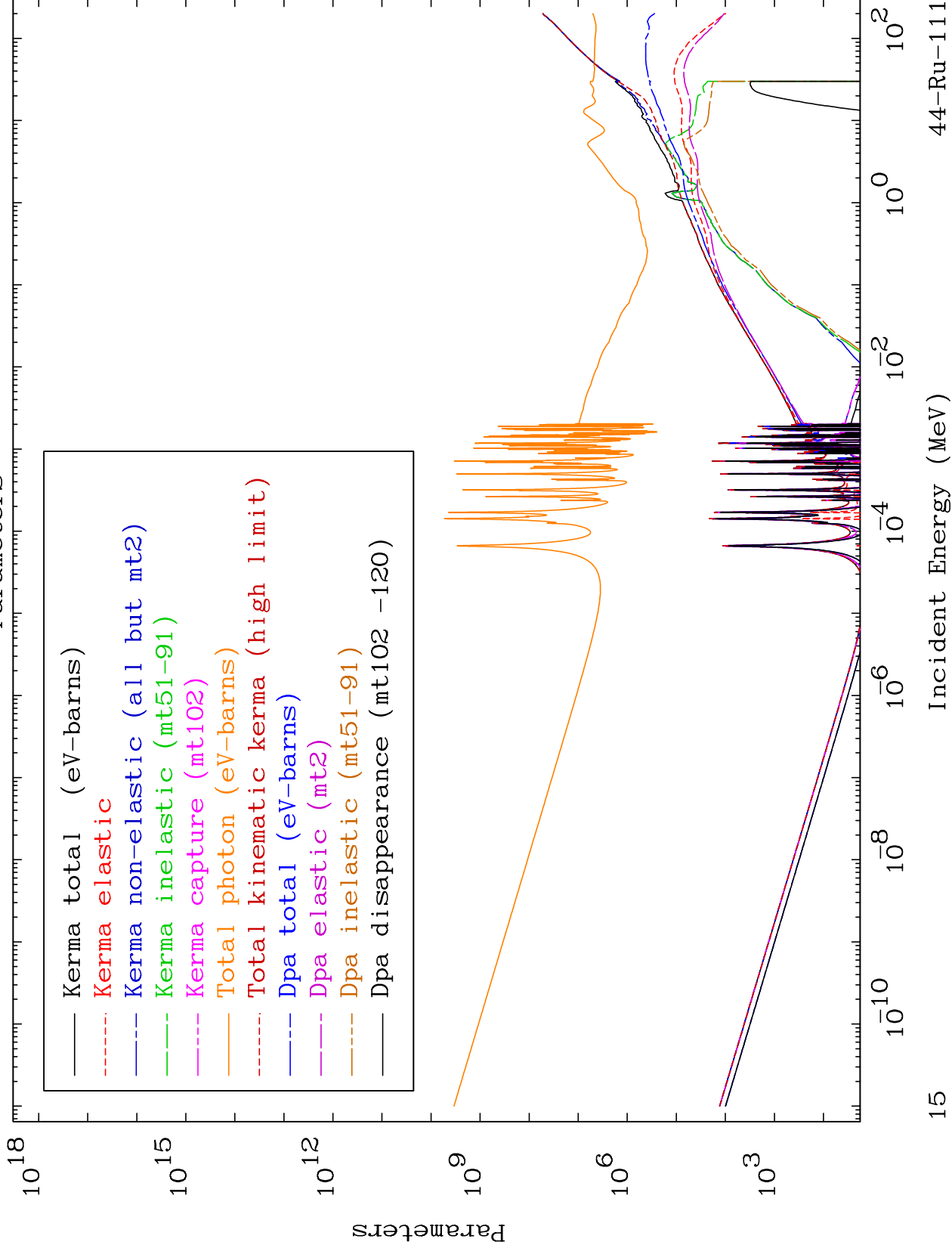
44-Ru-111



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Incident Energy (MeV)

44-Ru-111

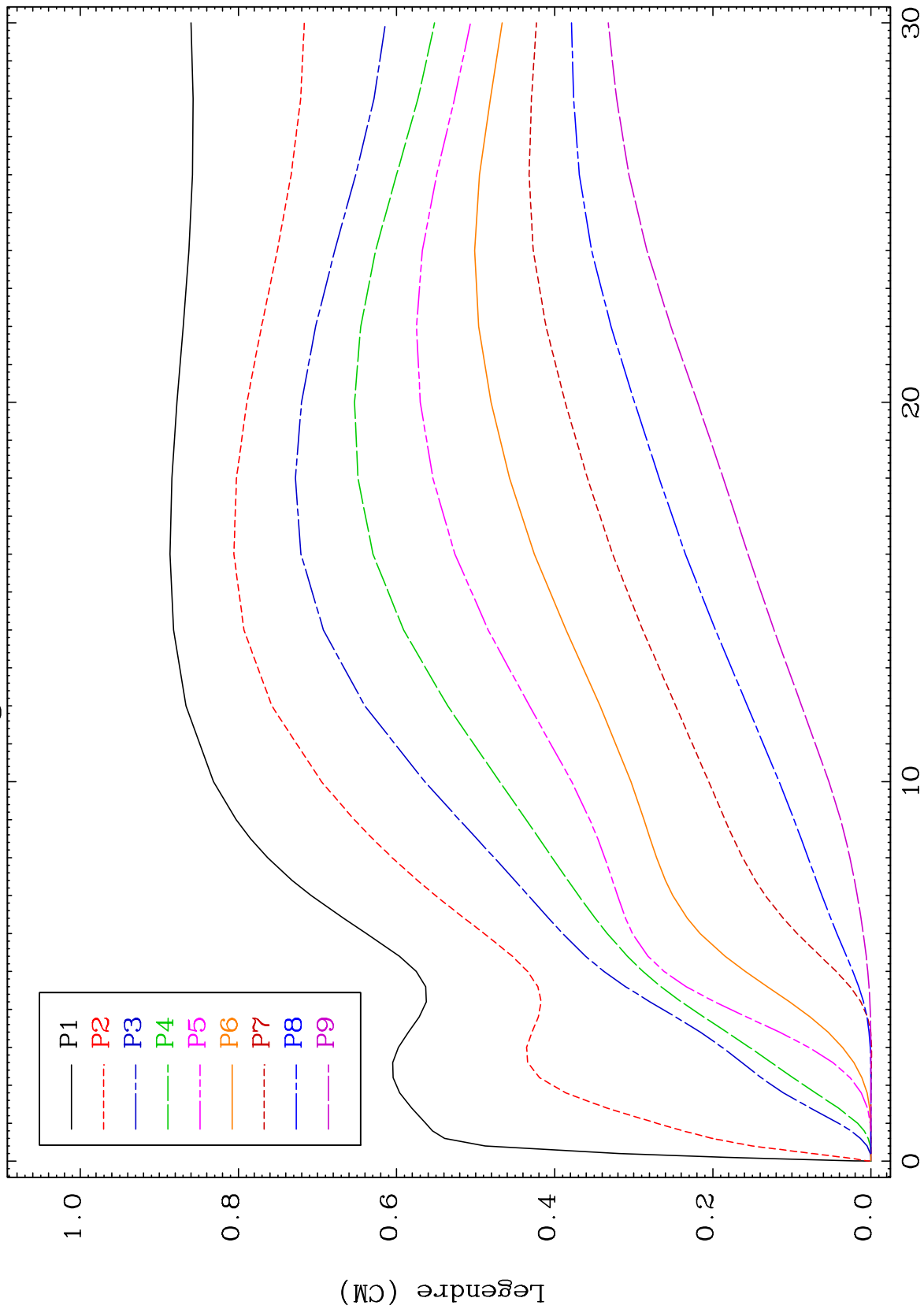




MAT 4470

Elastic Legendre Coefficients

44-Ru-111



16

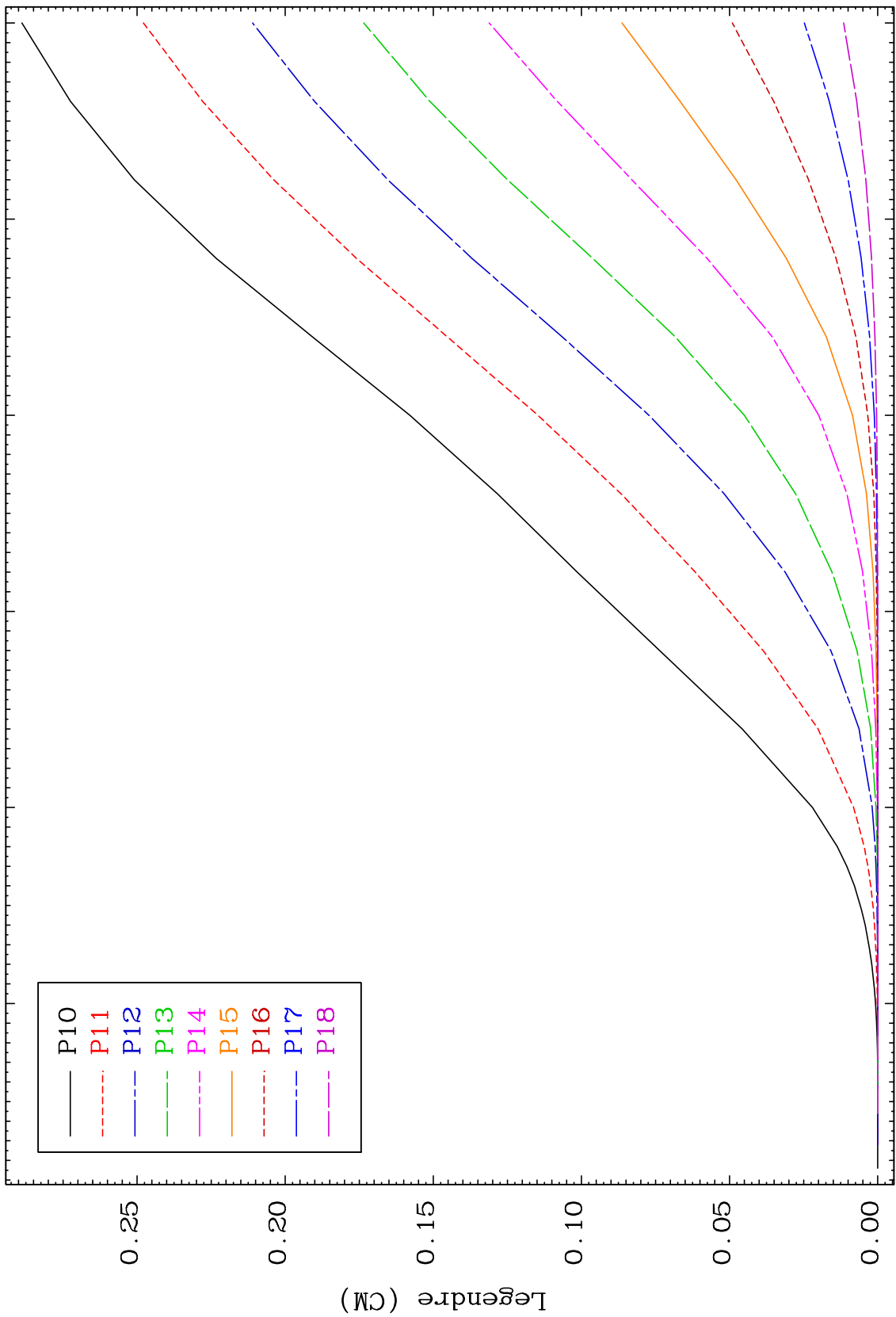
Incident Energy (MeV)

44-Ru-111

MAT 4470

Elastic Legendre Coefficients

44-Ru-111



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44-Ru-111

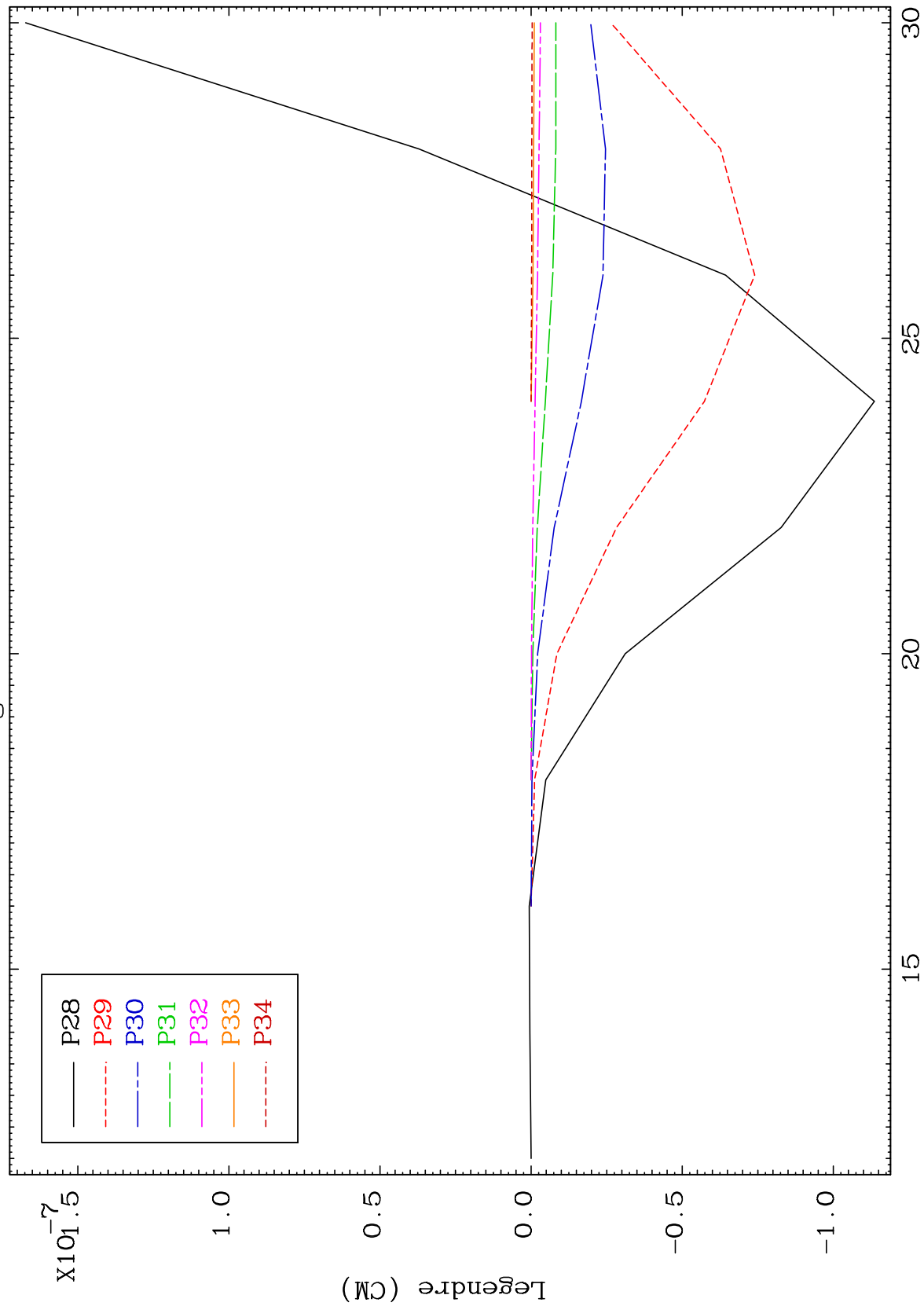
Incident Energy (MeV)



MAT 4470

Elastic Legendre Coefficients

44-Ru-111

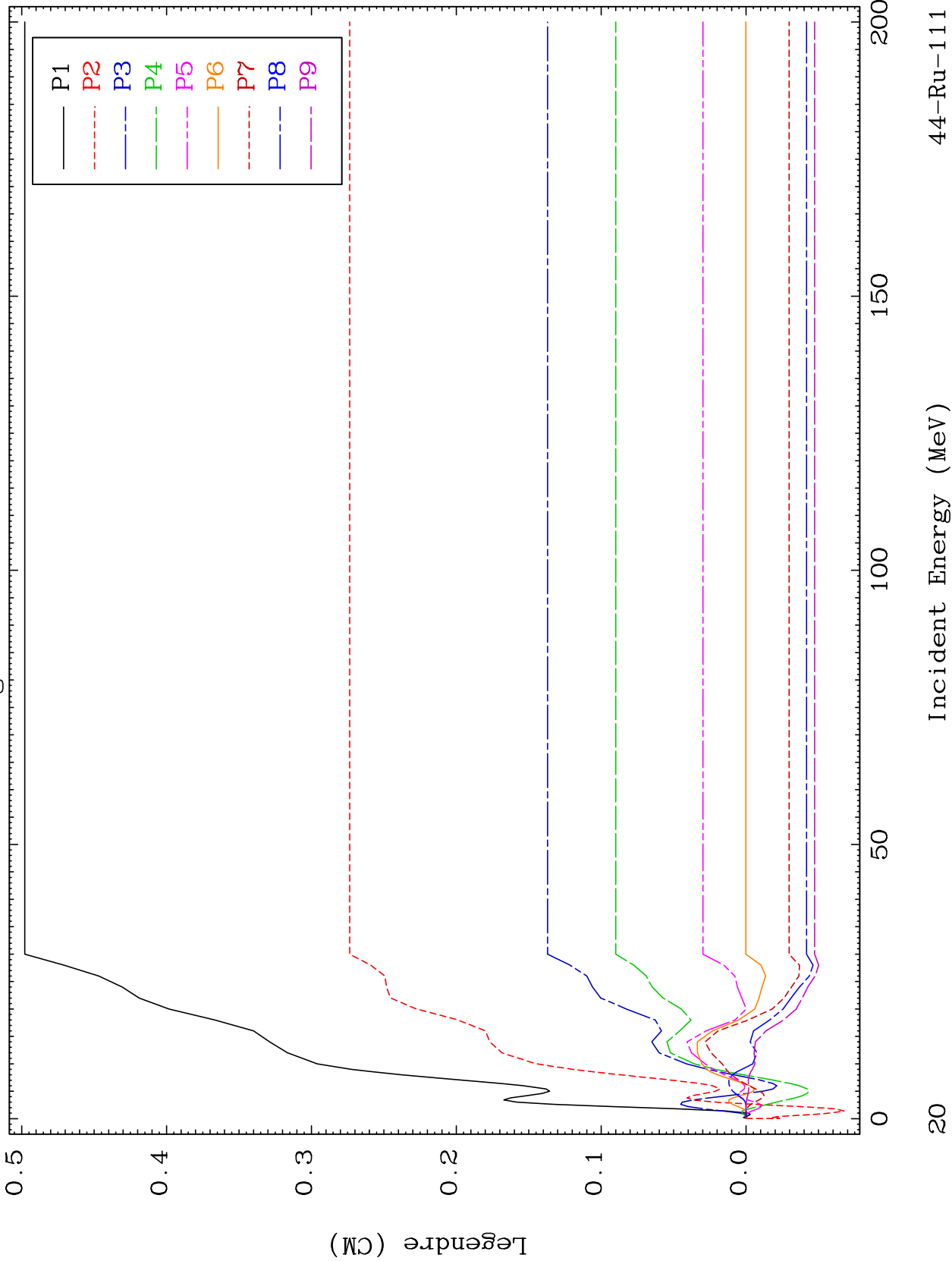


MAT 4470

MT= 51 (n,n') Level

44-Ru-111

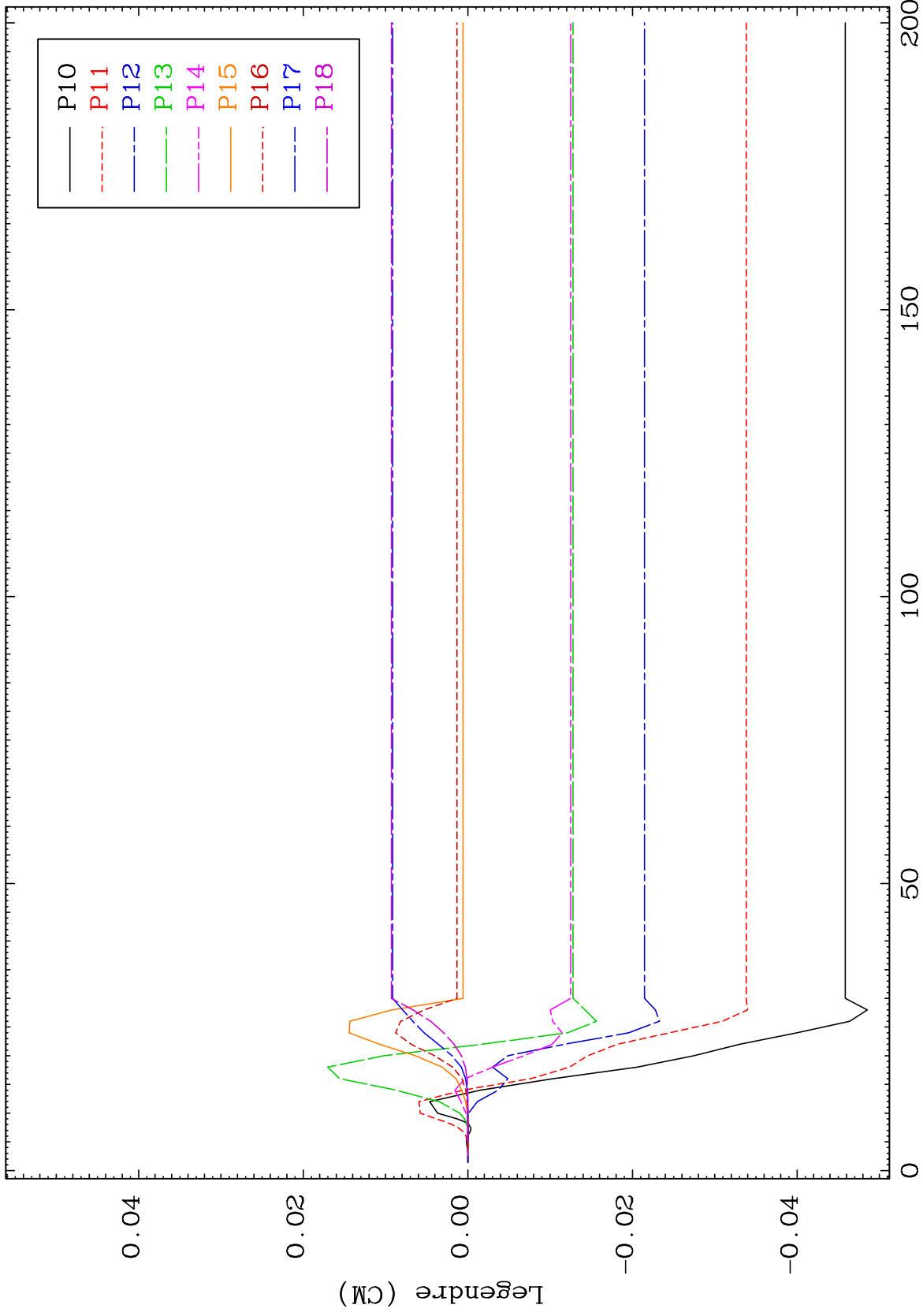
Legendre Coefficients



MAT 4470

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

44-Ru-111



21

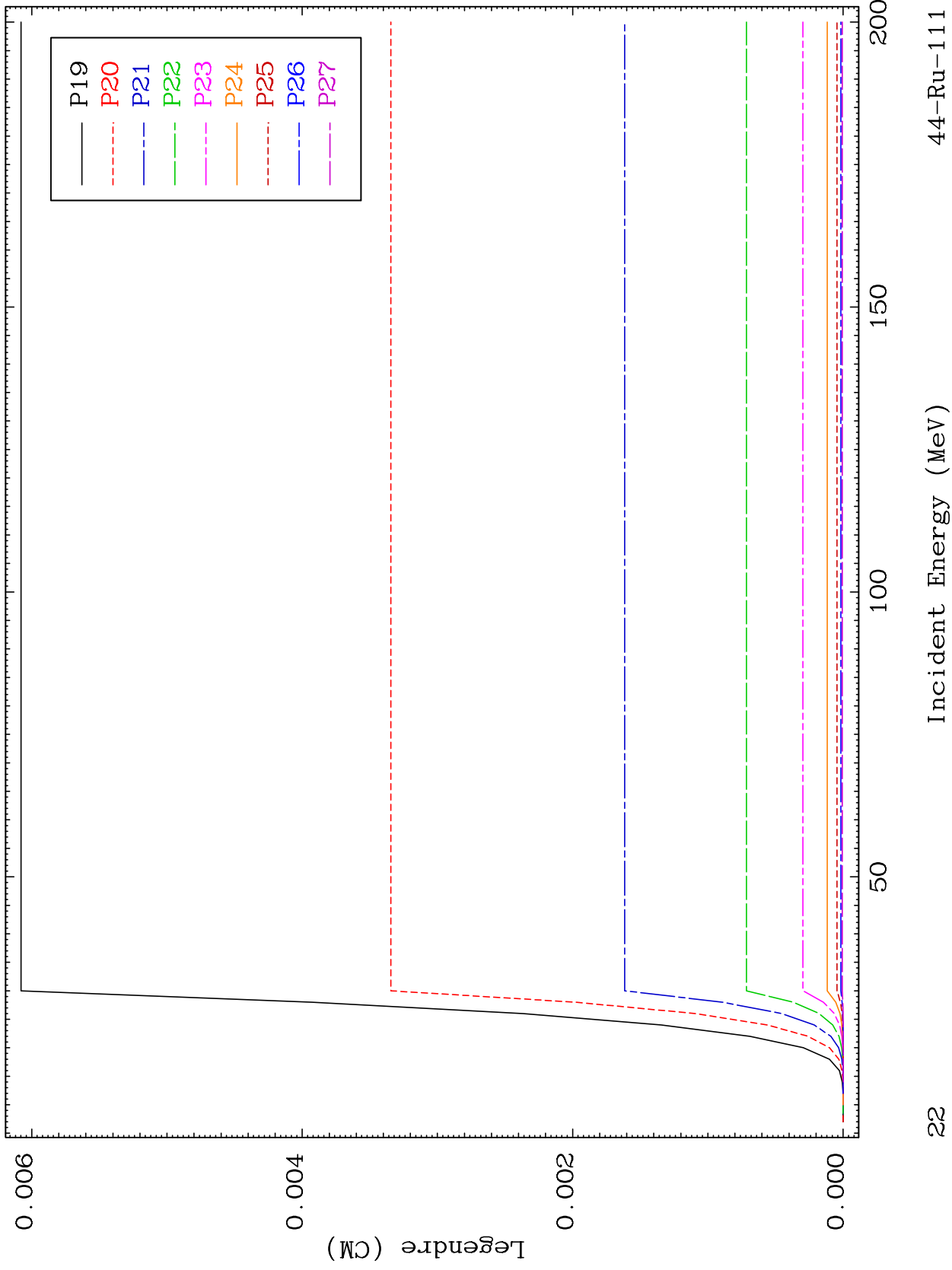
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



22

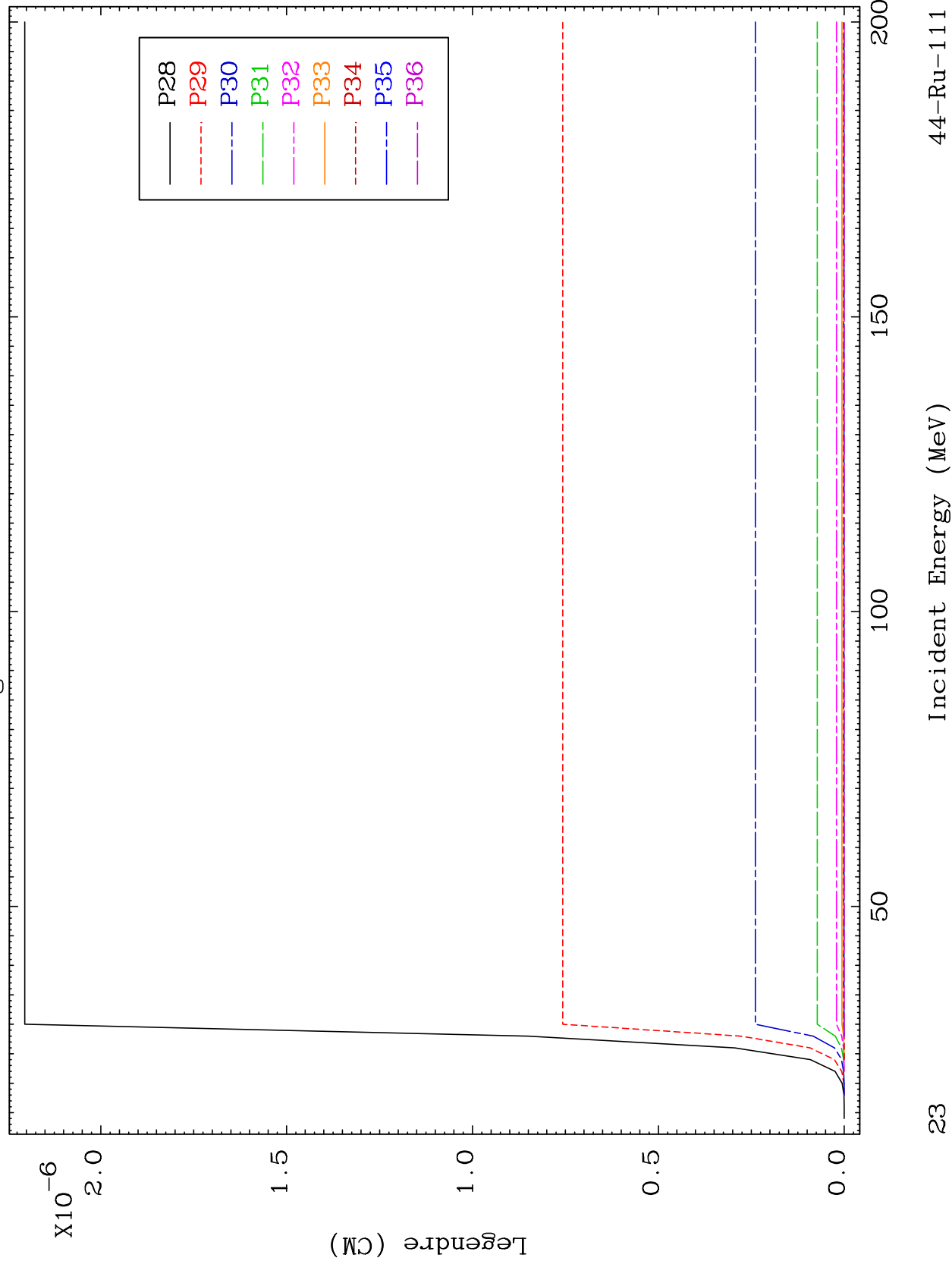
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



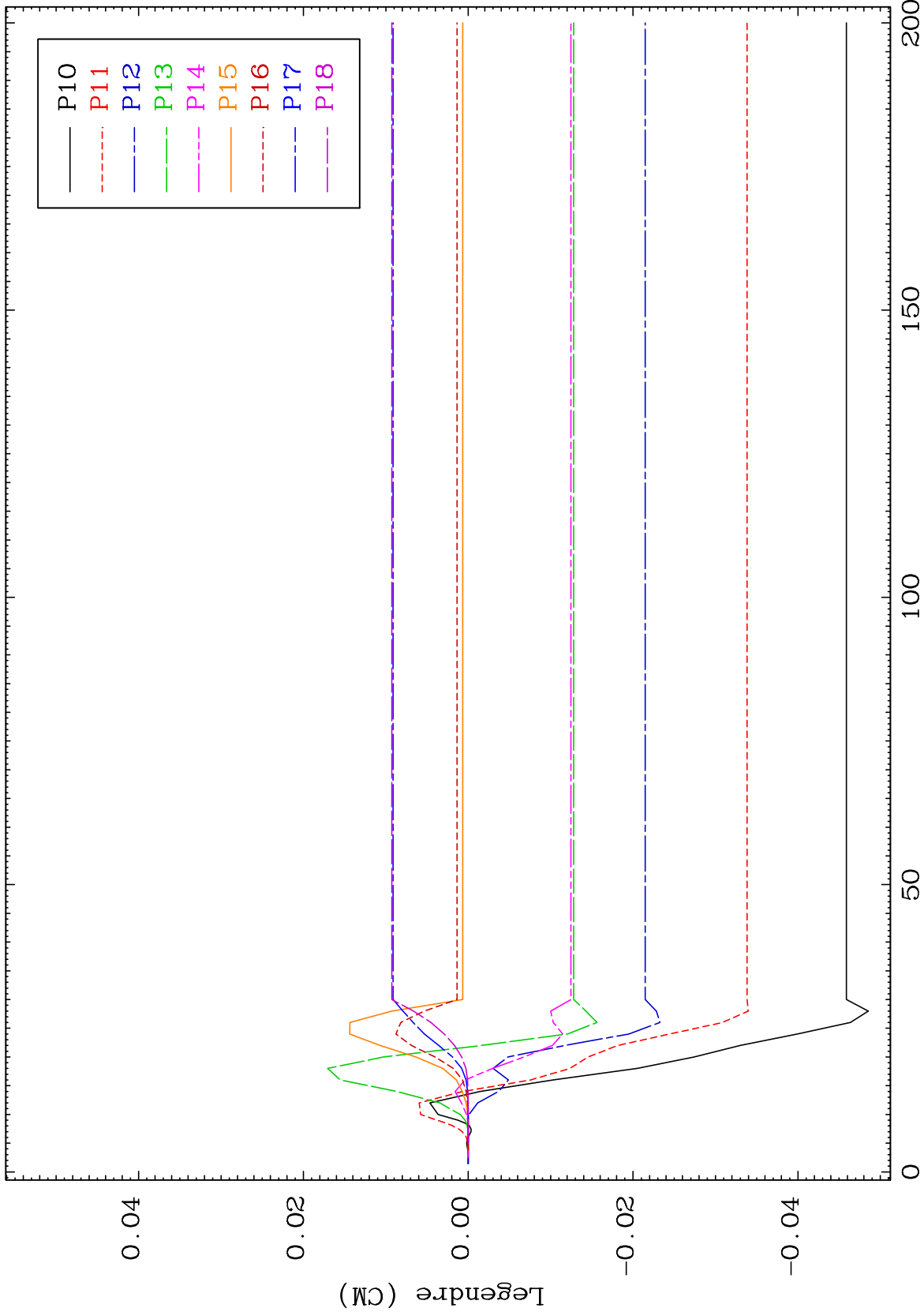




MAT 4470

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

44-Ru-111



25

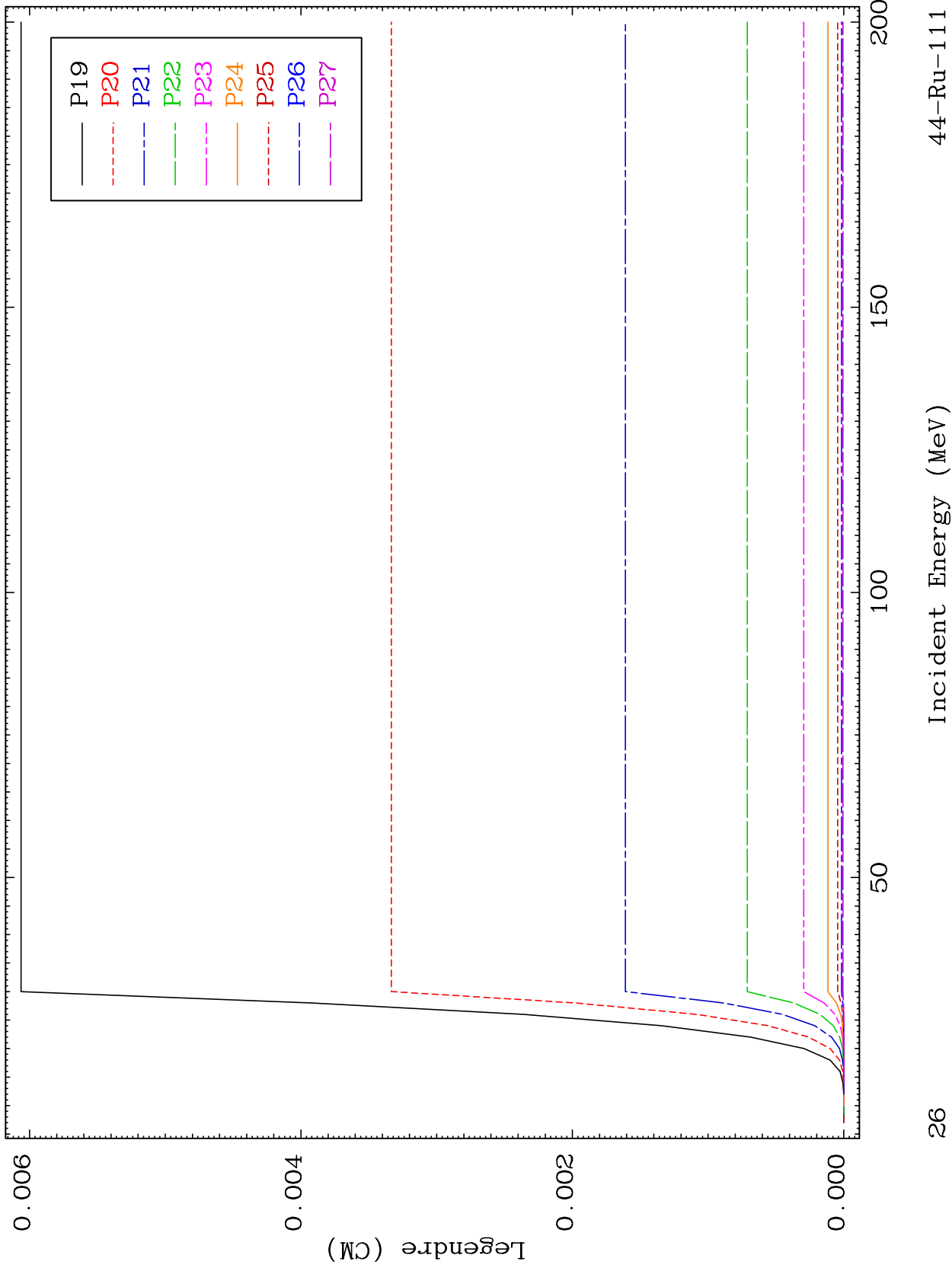
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



26

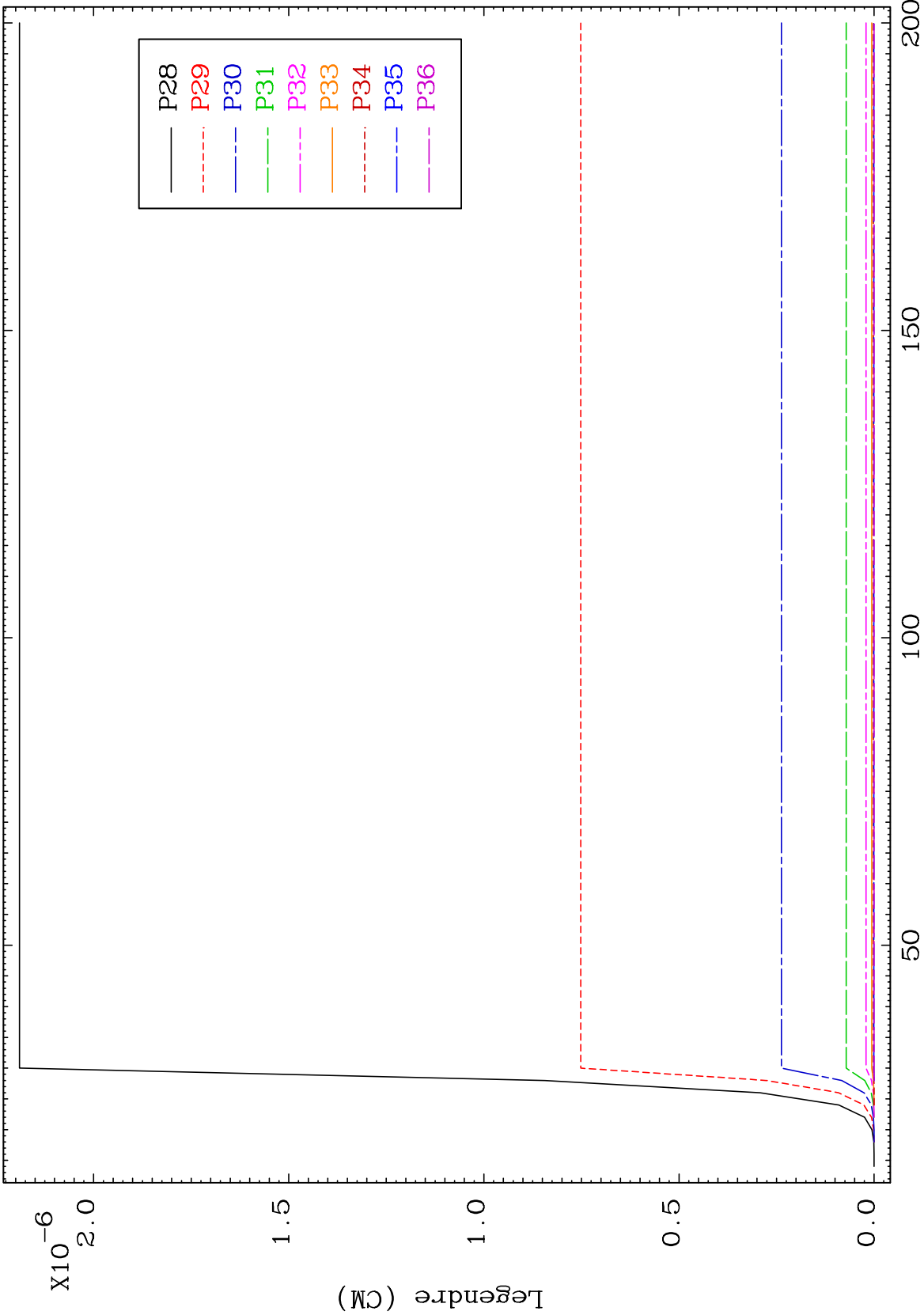
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



27

Incident Energy (MeV)

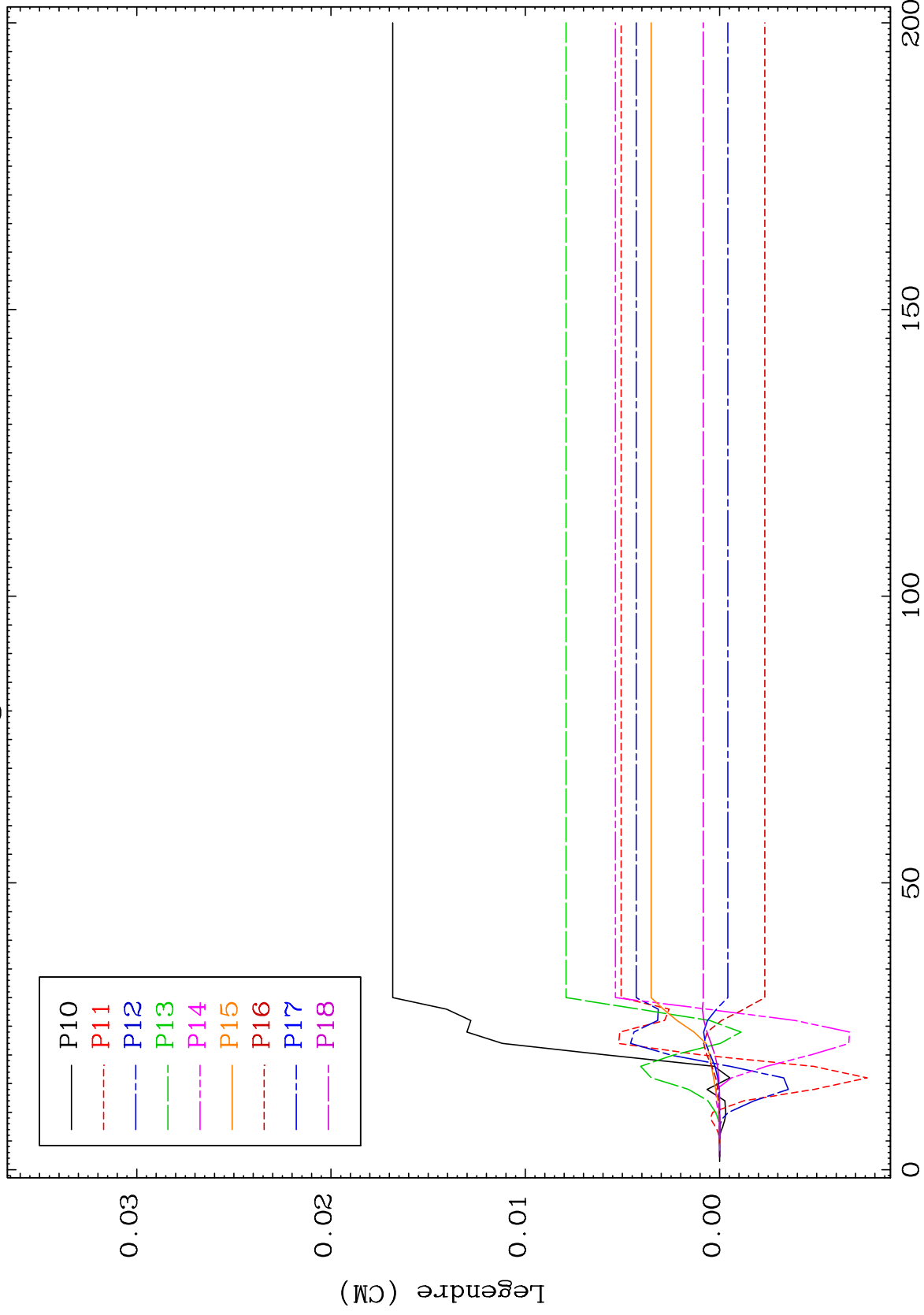
44-Ru-111



MAT 4470

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

44-Ru-111



29

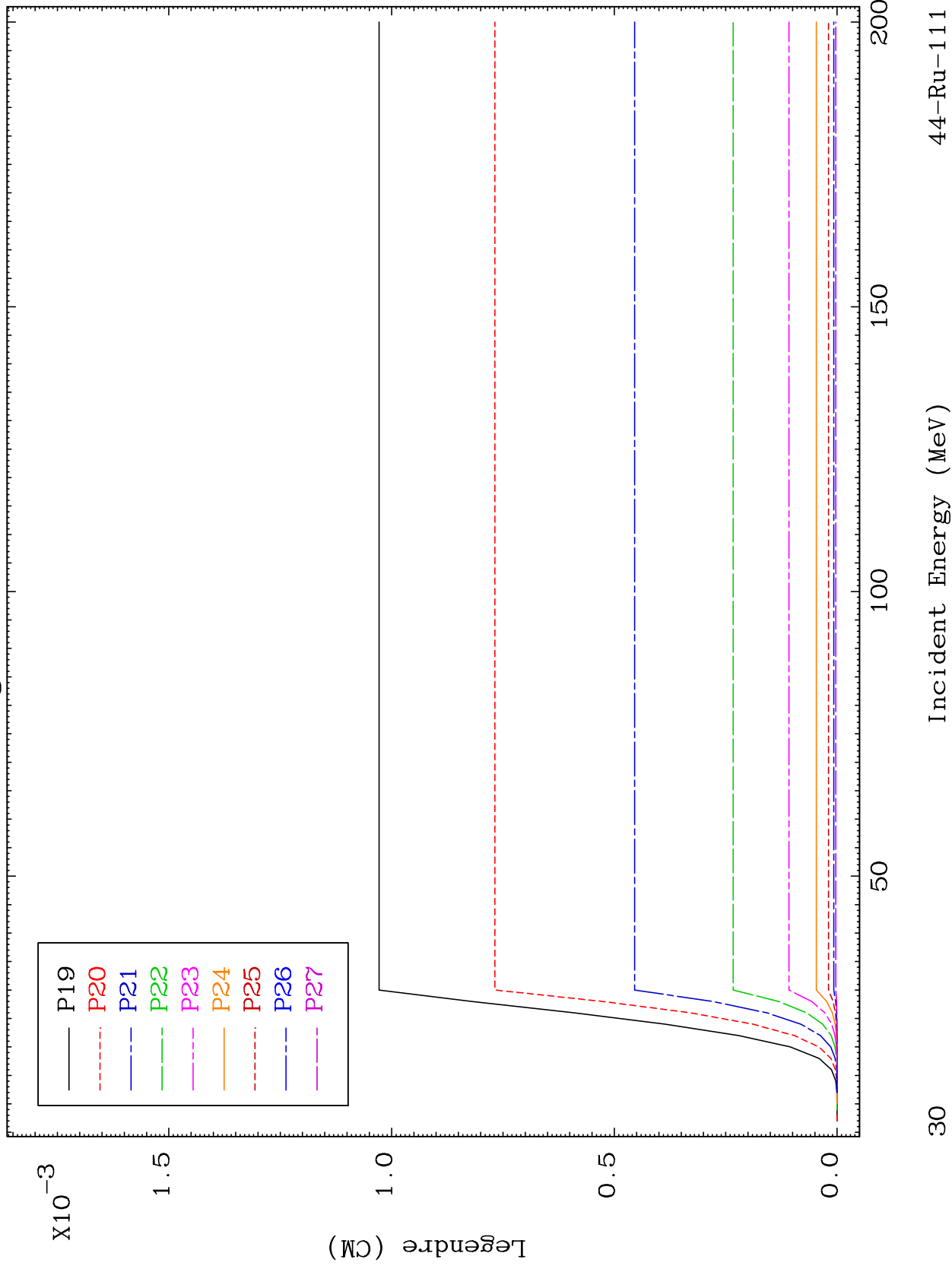
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44-Ru-111

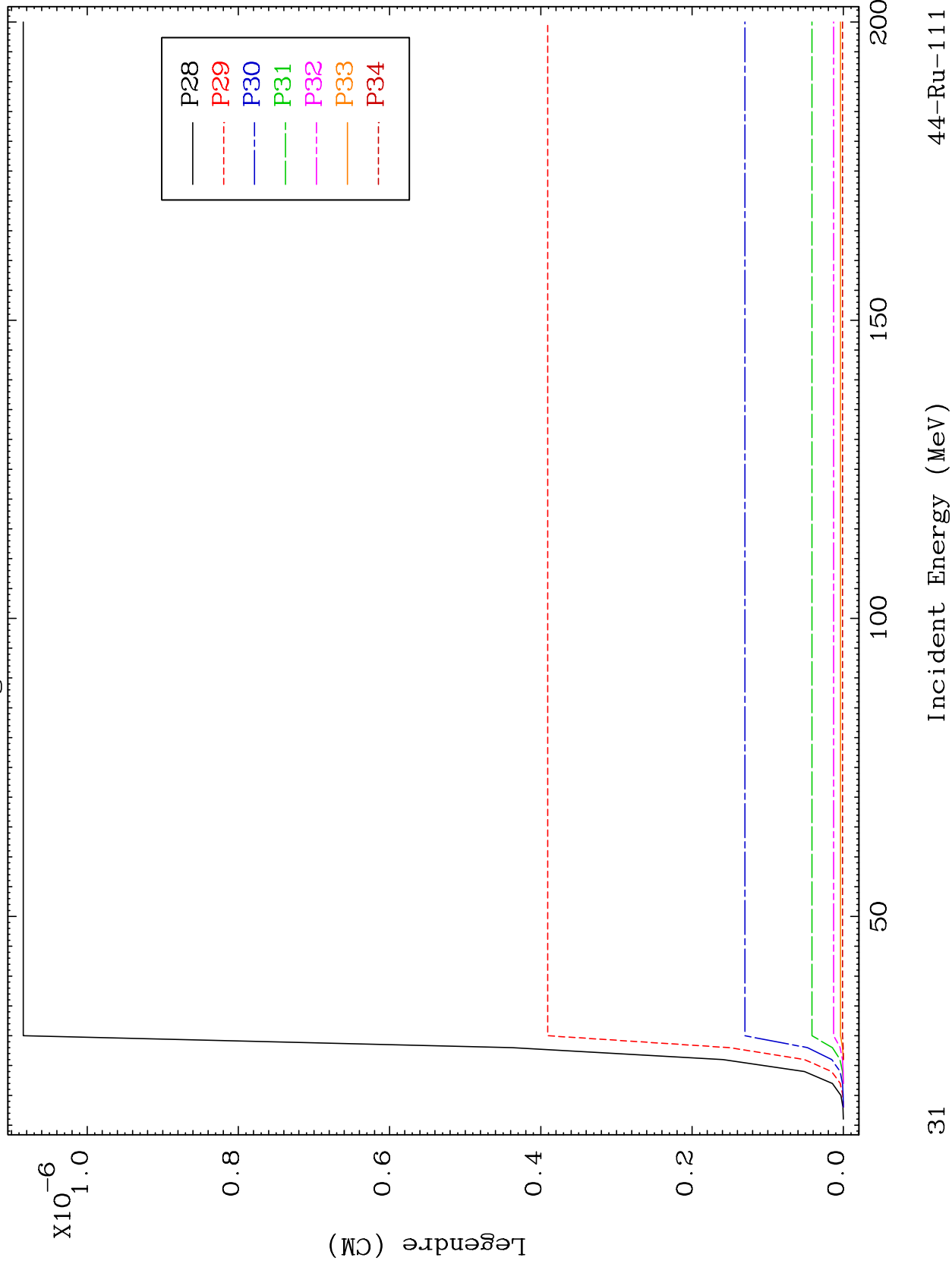
Incident Energy (MeV)

30

MAT 4470

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

44-Ru-111



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Incident Energy (MeV)

44-Ru-111

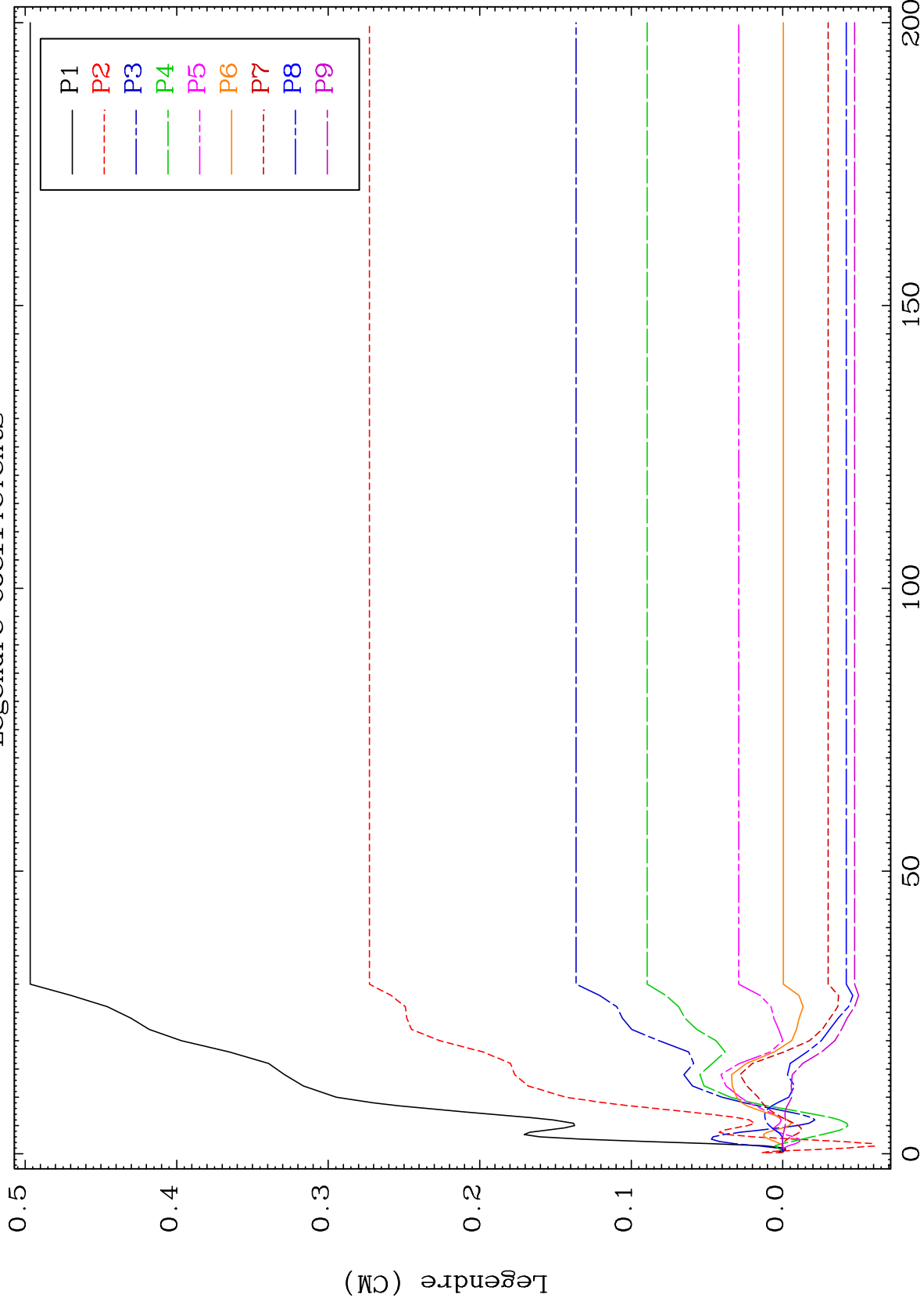


MAT 4470

MT= 54 (n,n') Level

44-Ru-111

Legendre Coefficients



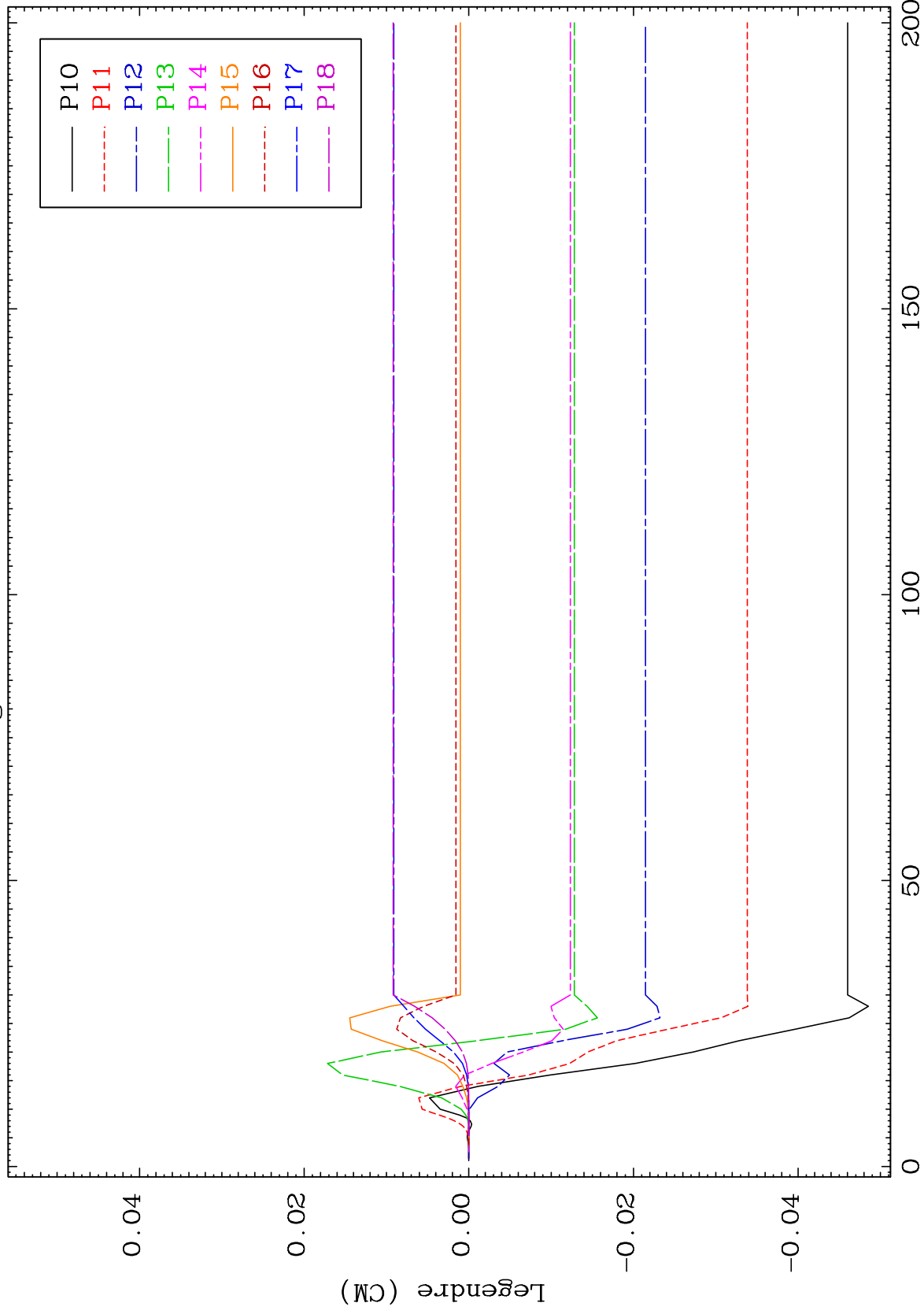
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44-Ru-111

MAT 4470

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

44-Ru-111



33

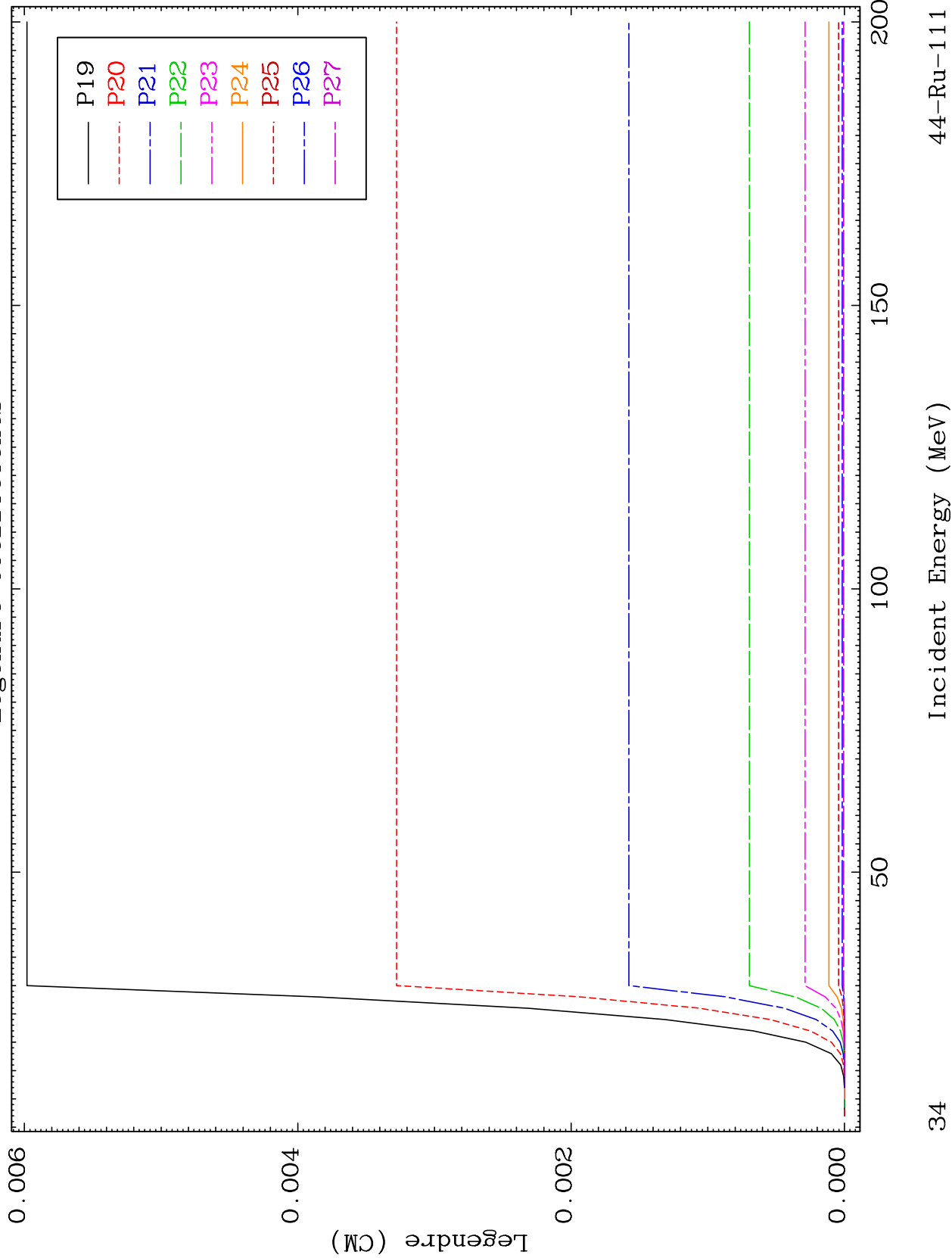
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



34

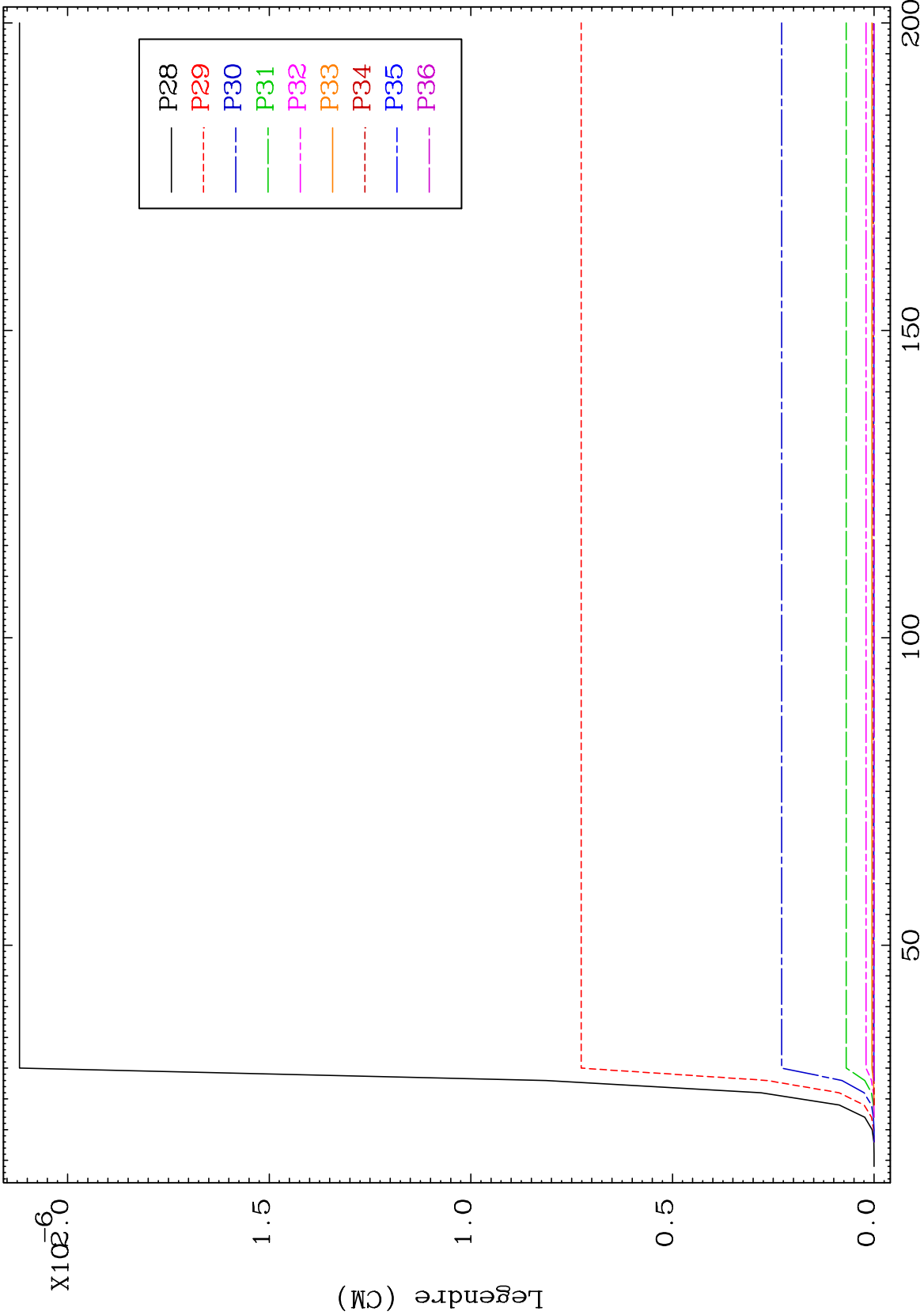
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



35

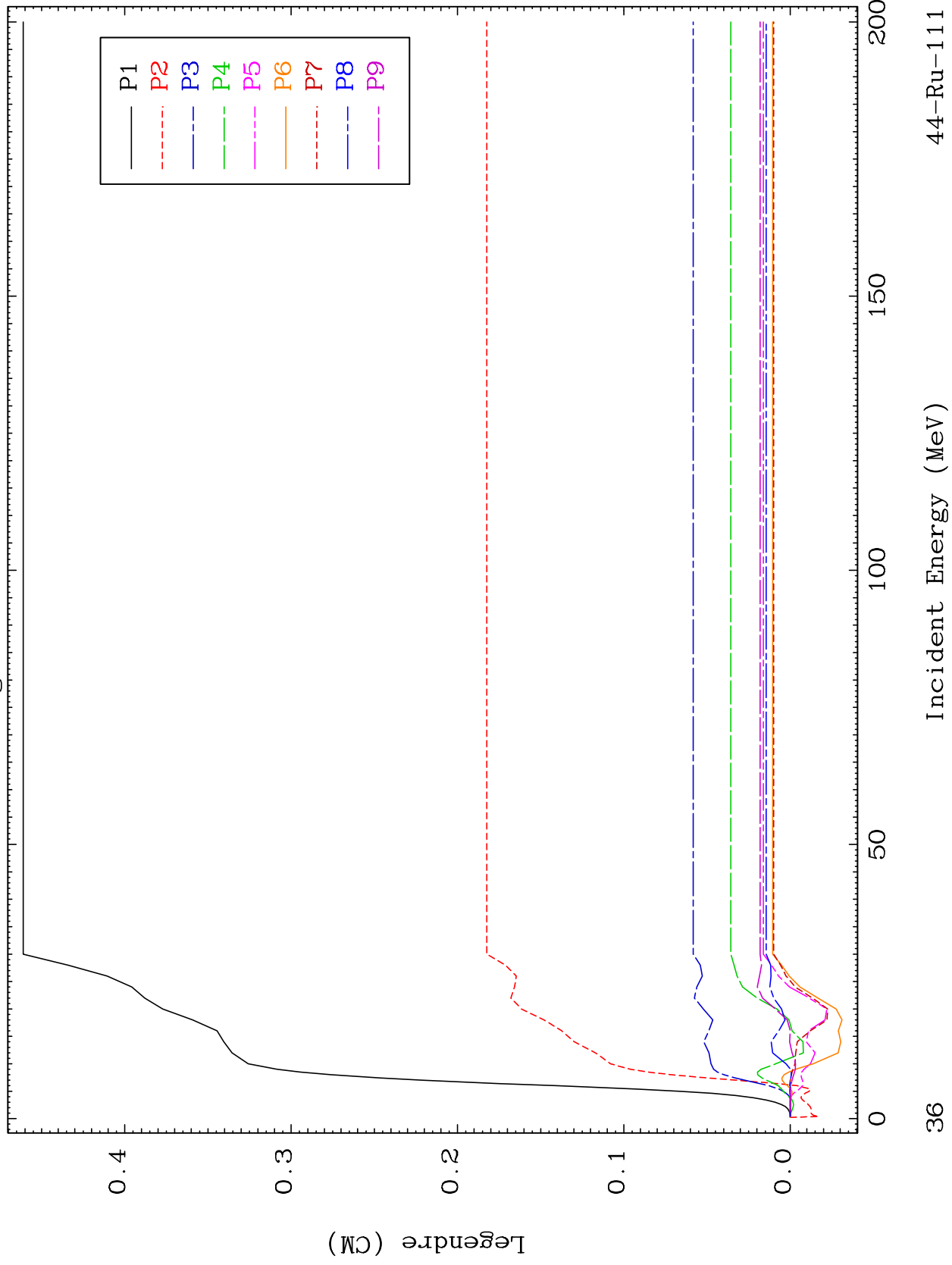
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

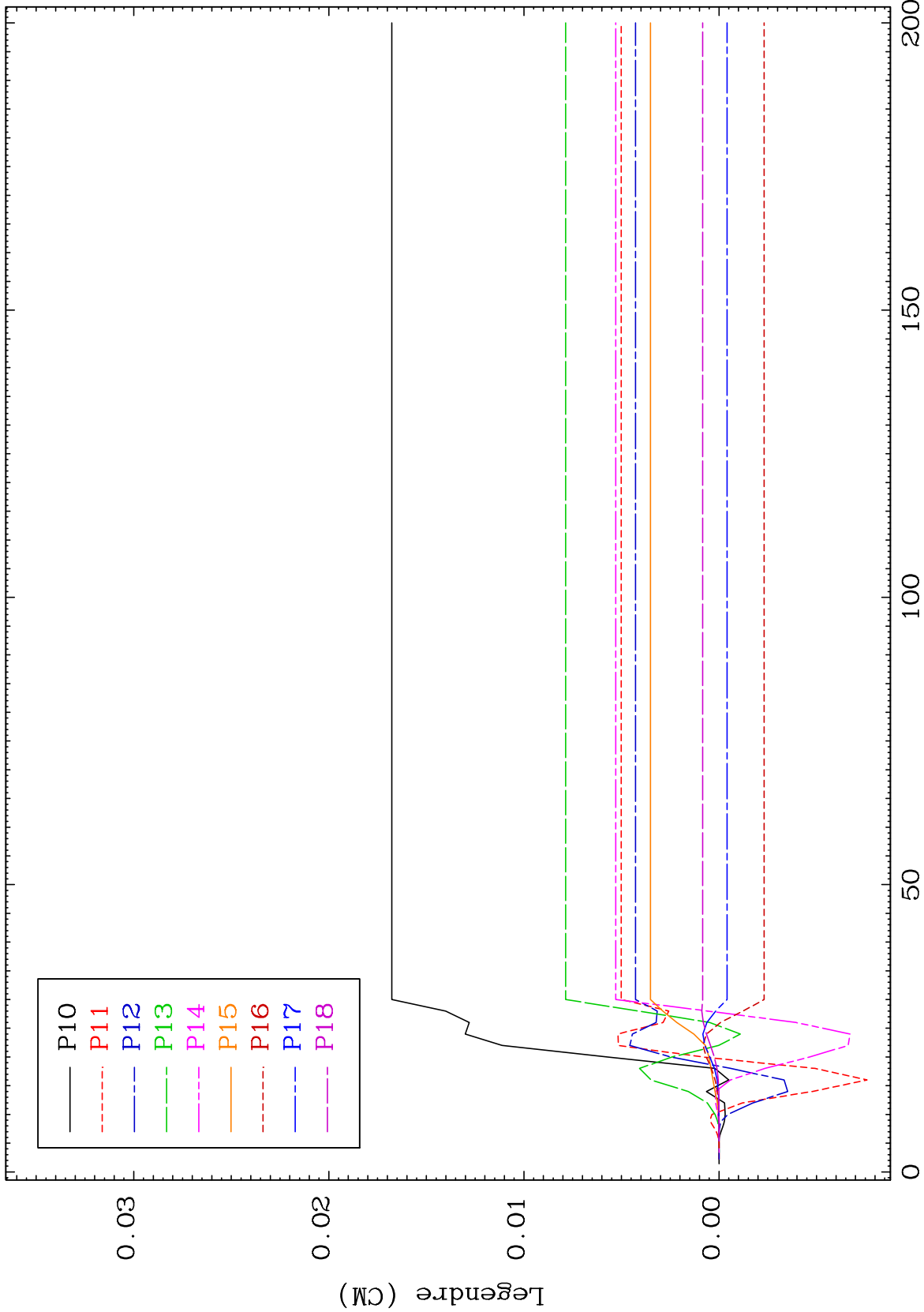


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MAT 4470

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

44-Ru-111



37

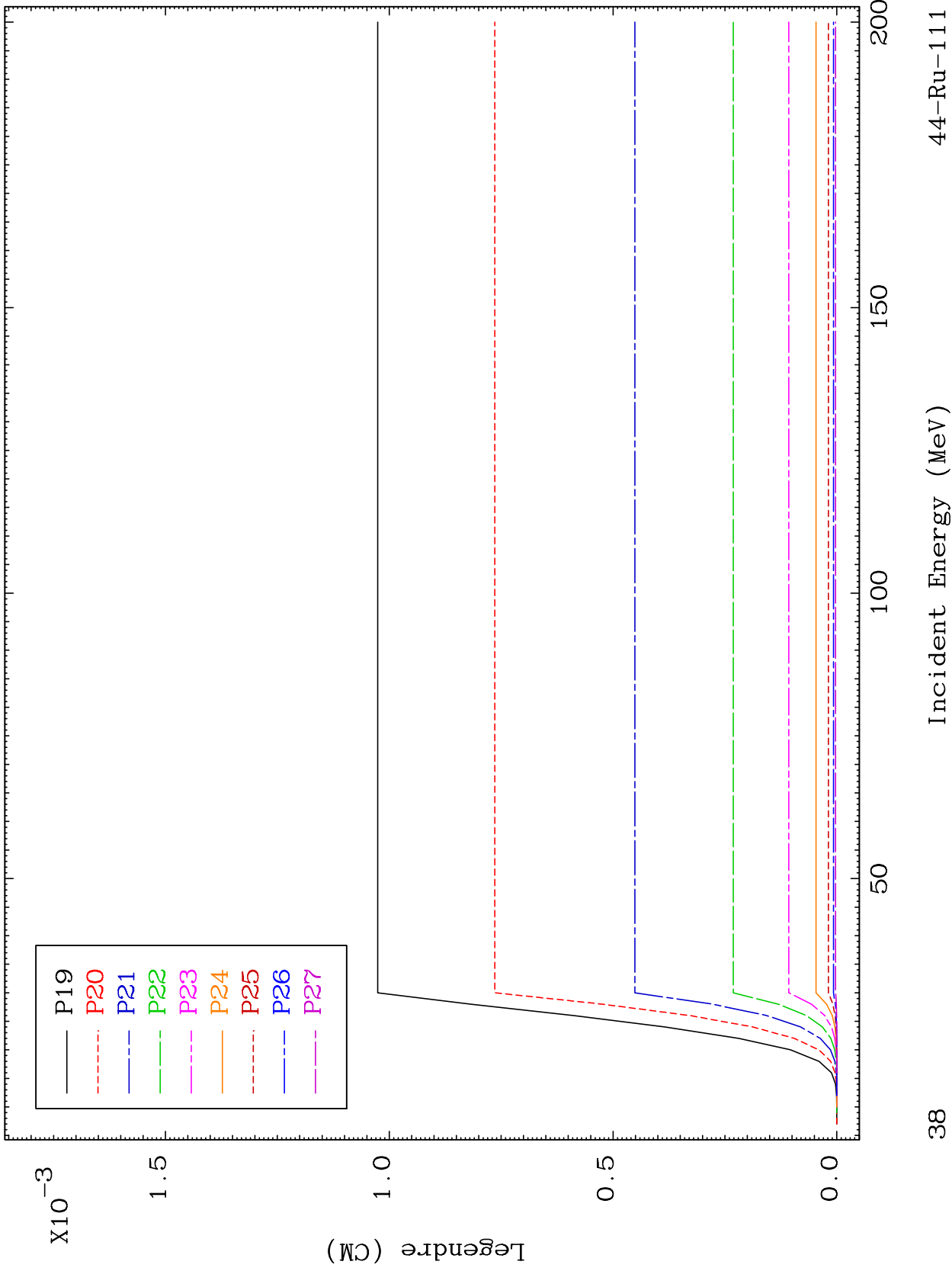
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



38

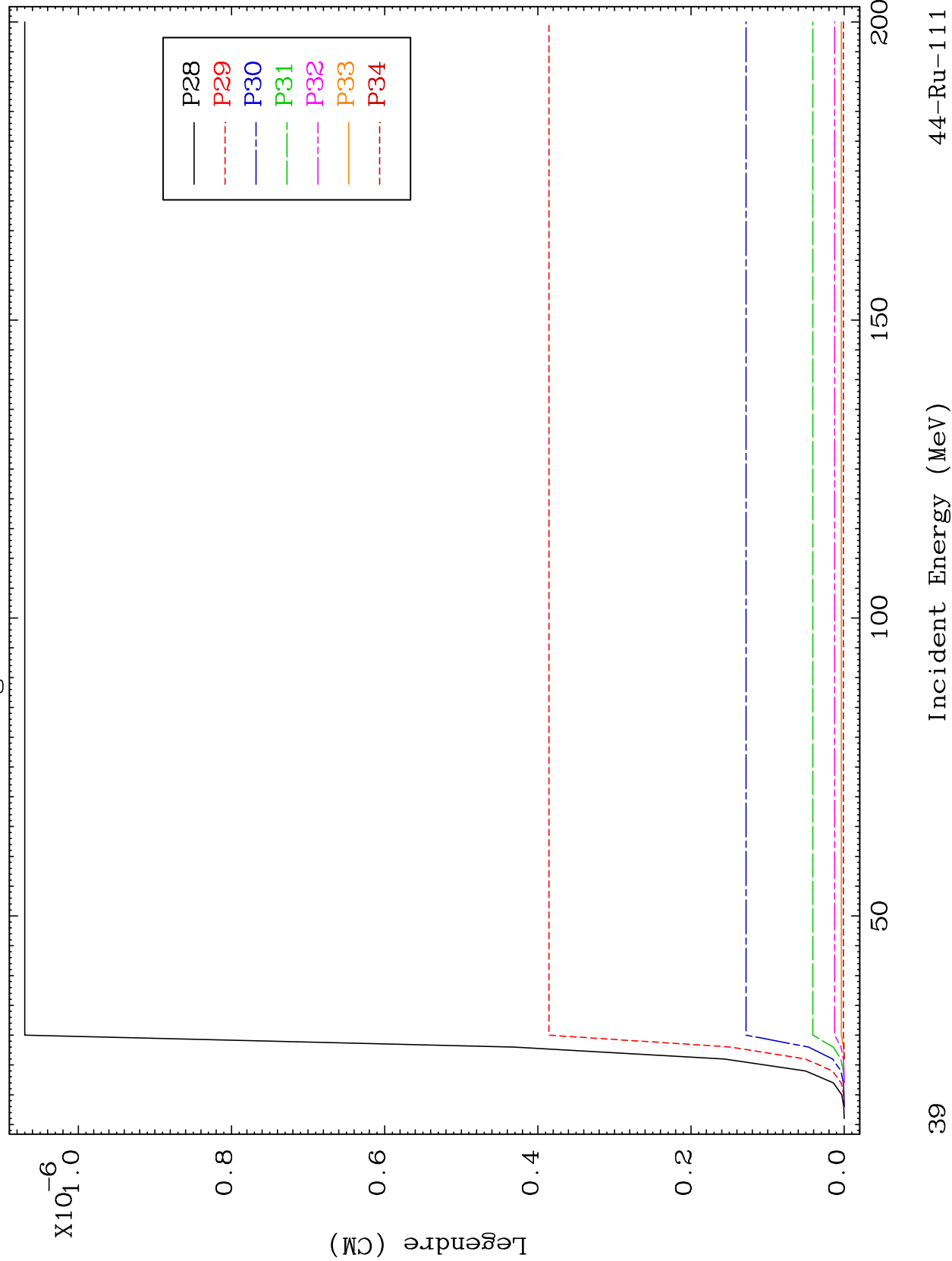
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



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44-Ru-111

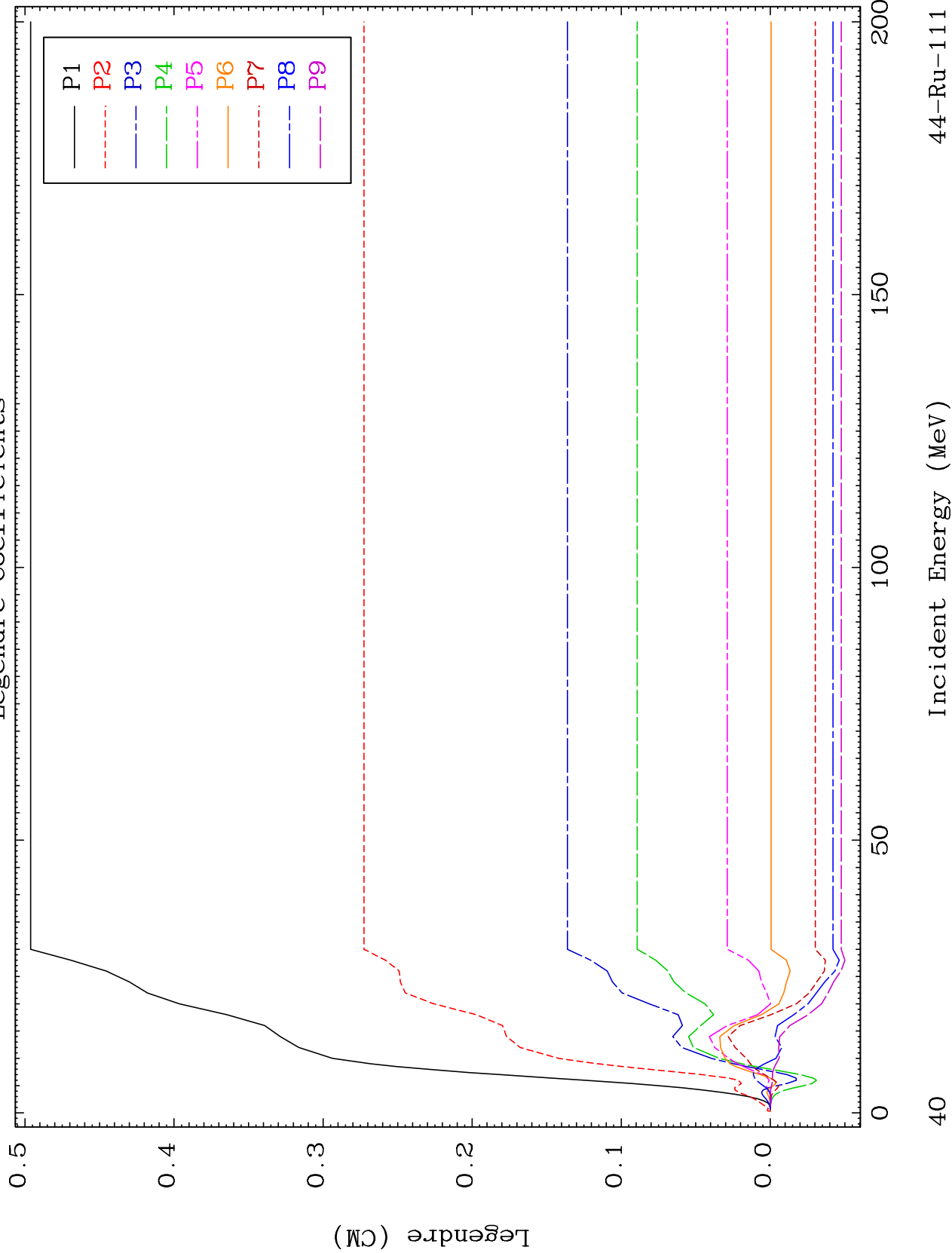


MAT 4470

MT= 56 (n,n') Level

44-Ru-111

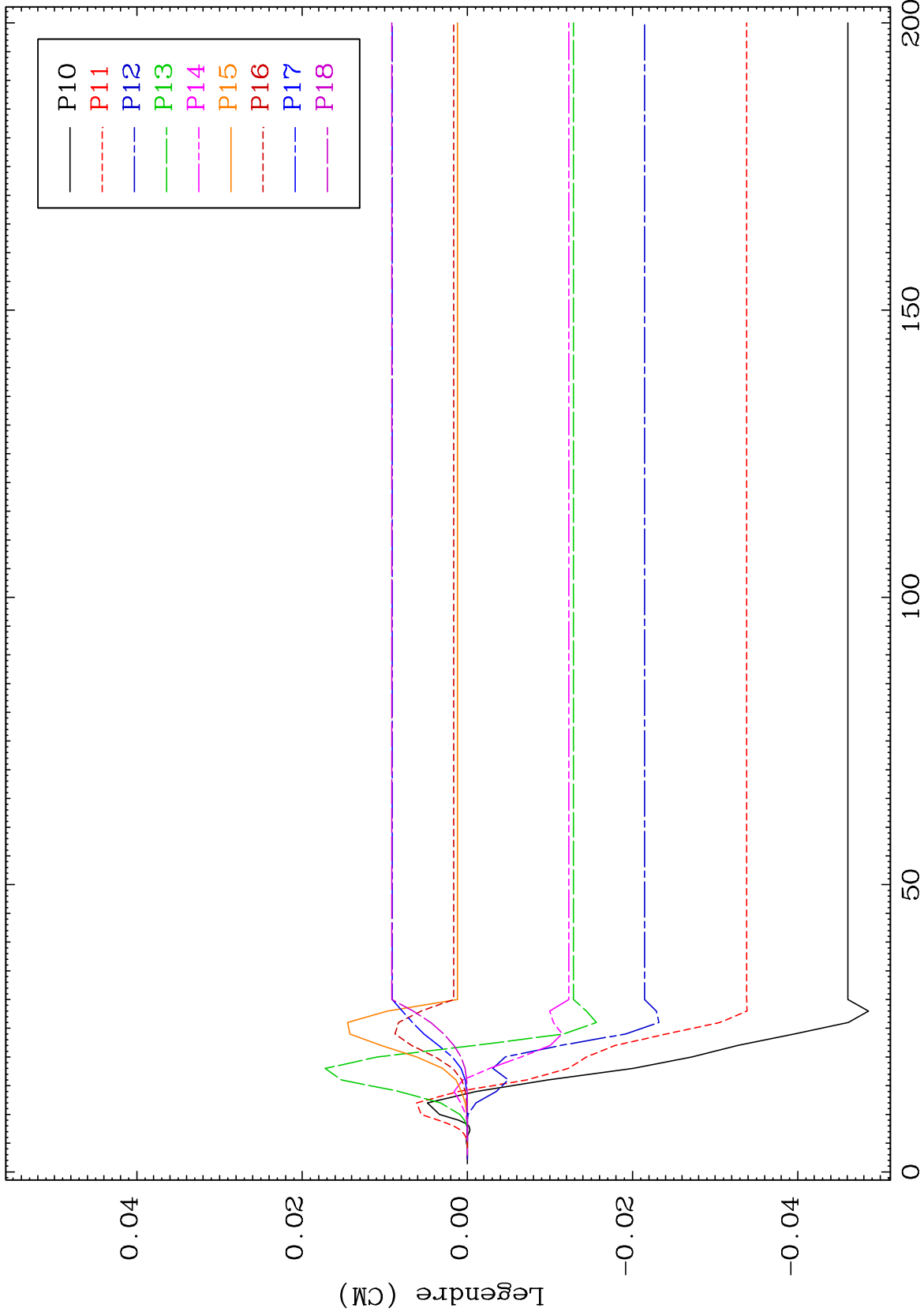
Legendre Coefficients



MAT 4470

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

44-Ru-111



41

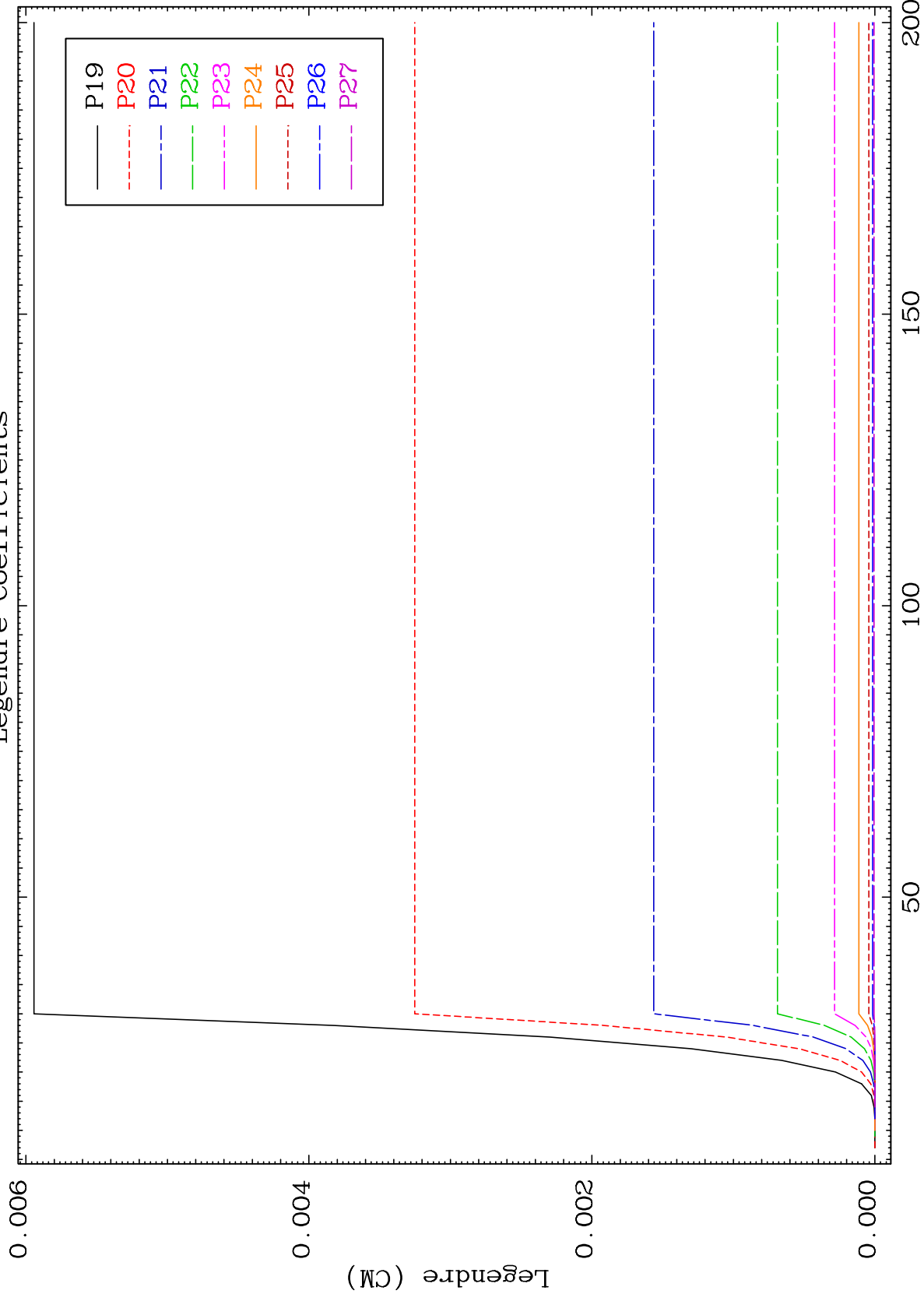
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



42

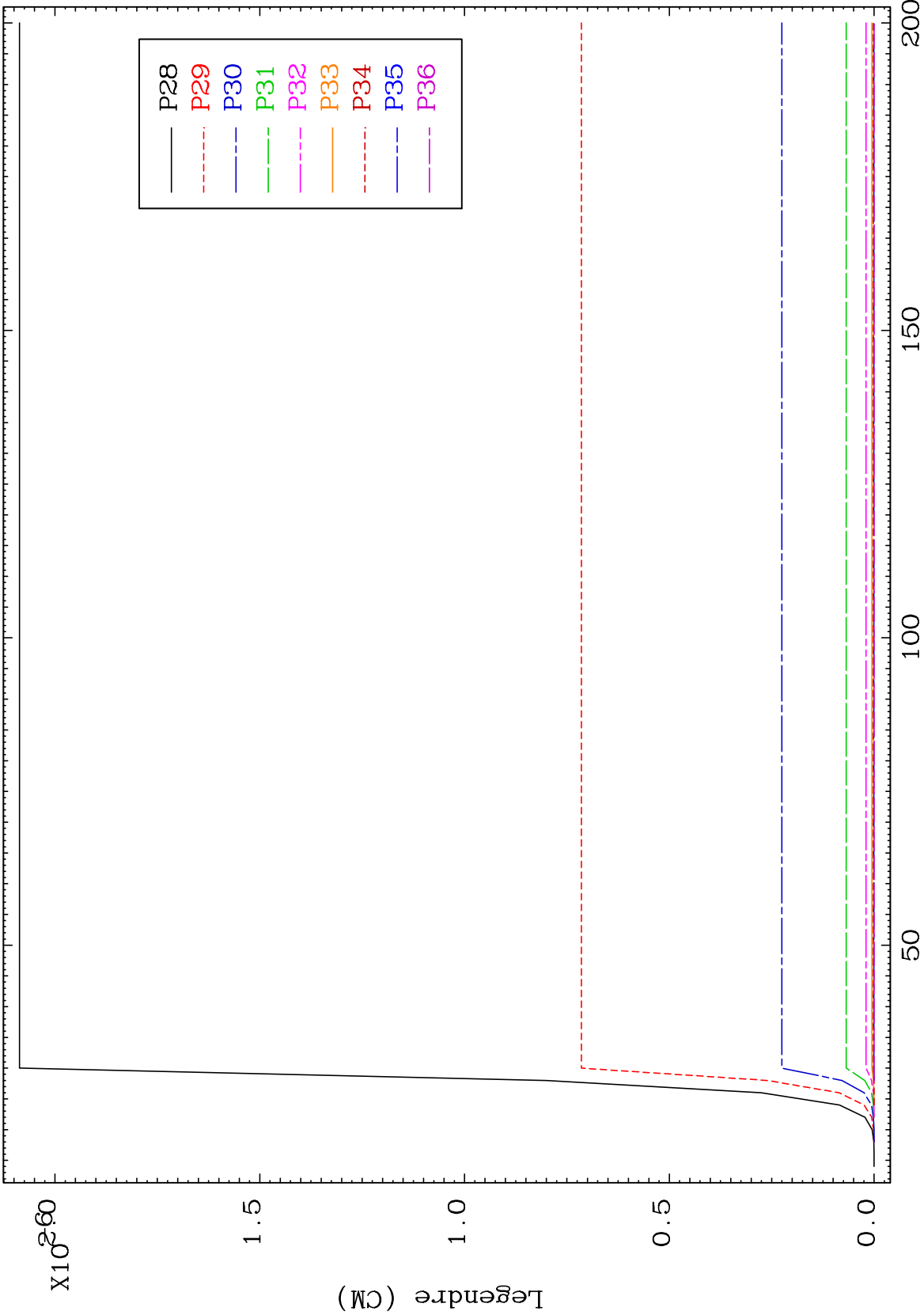
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



43

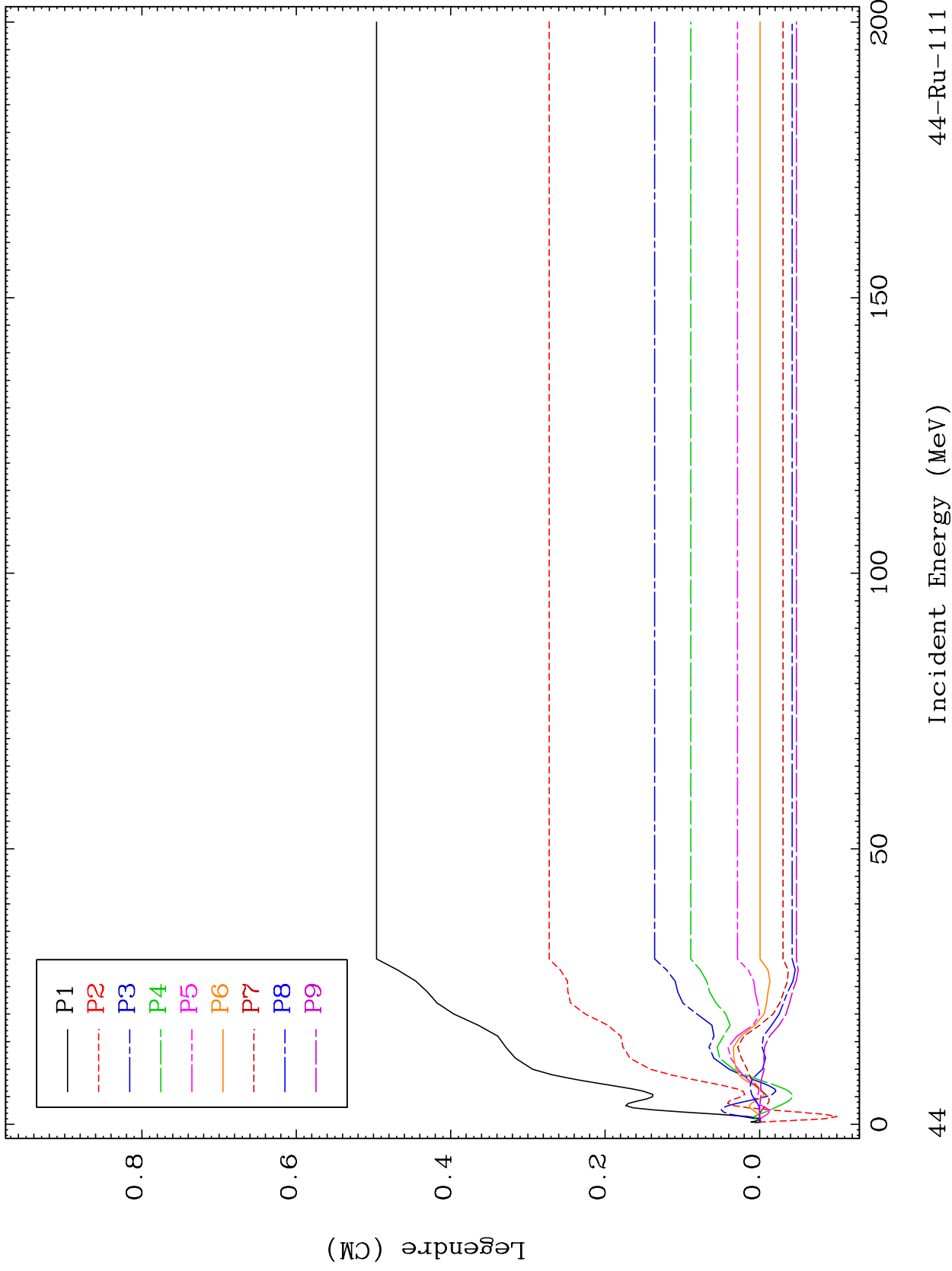
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44

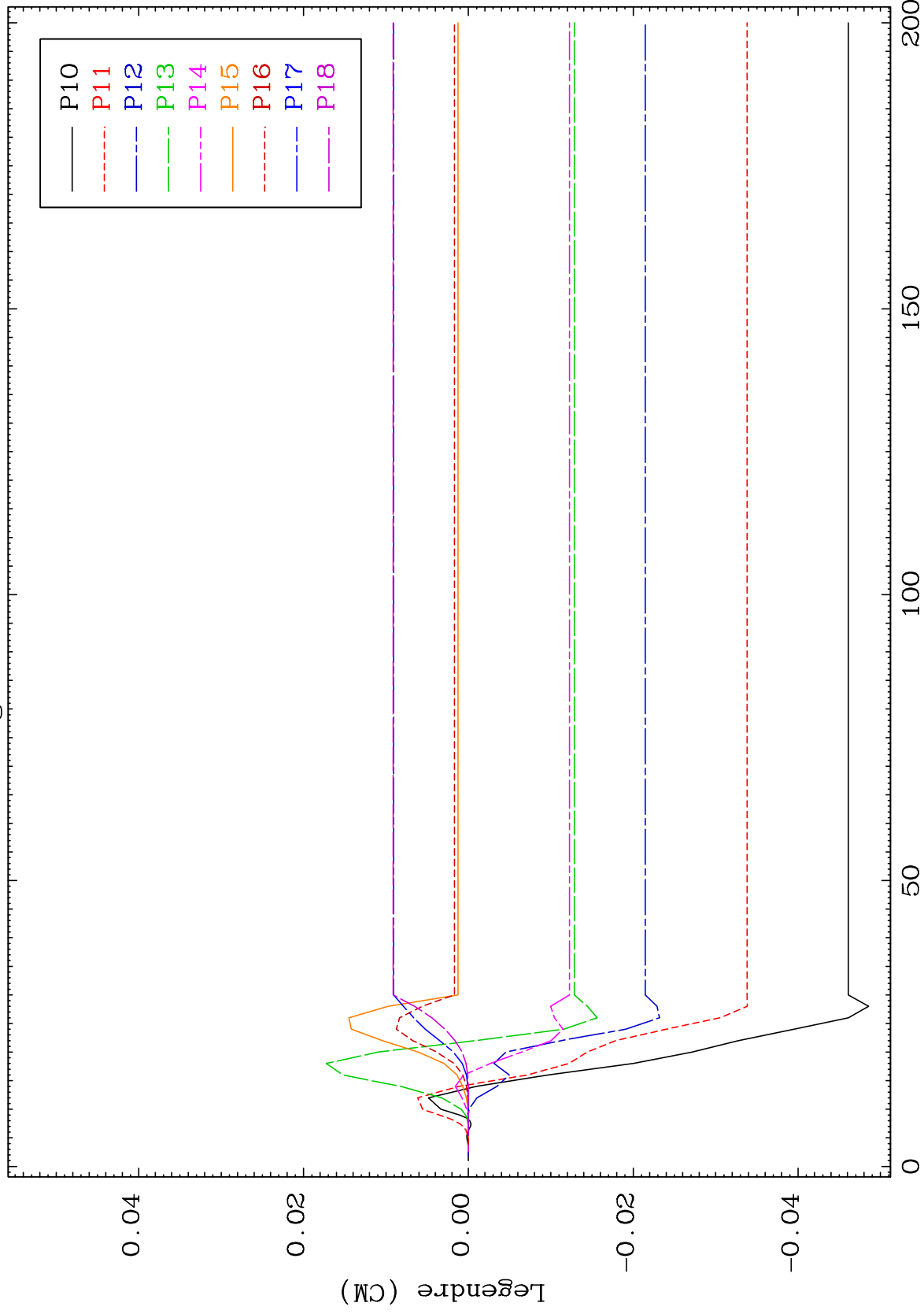
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



45

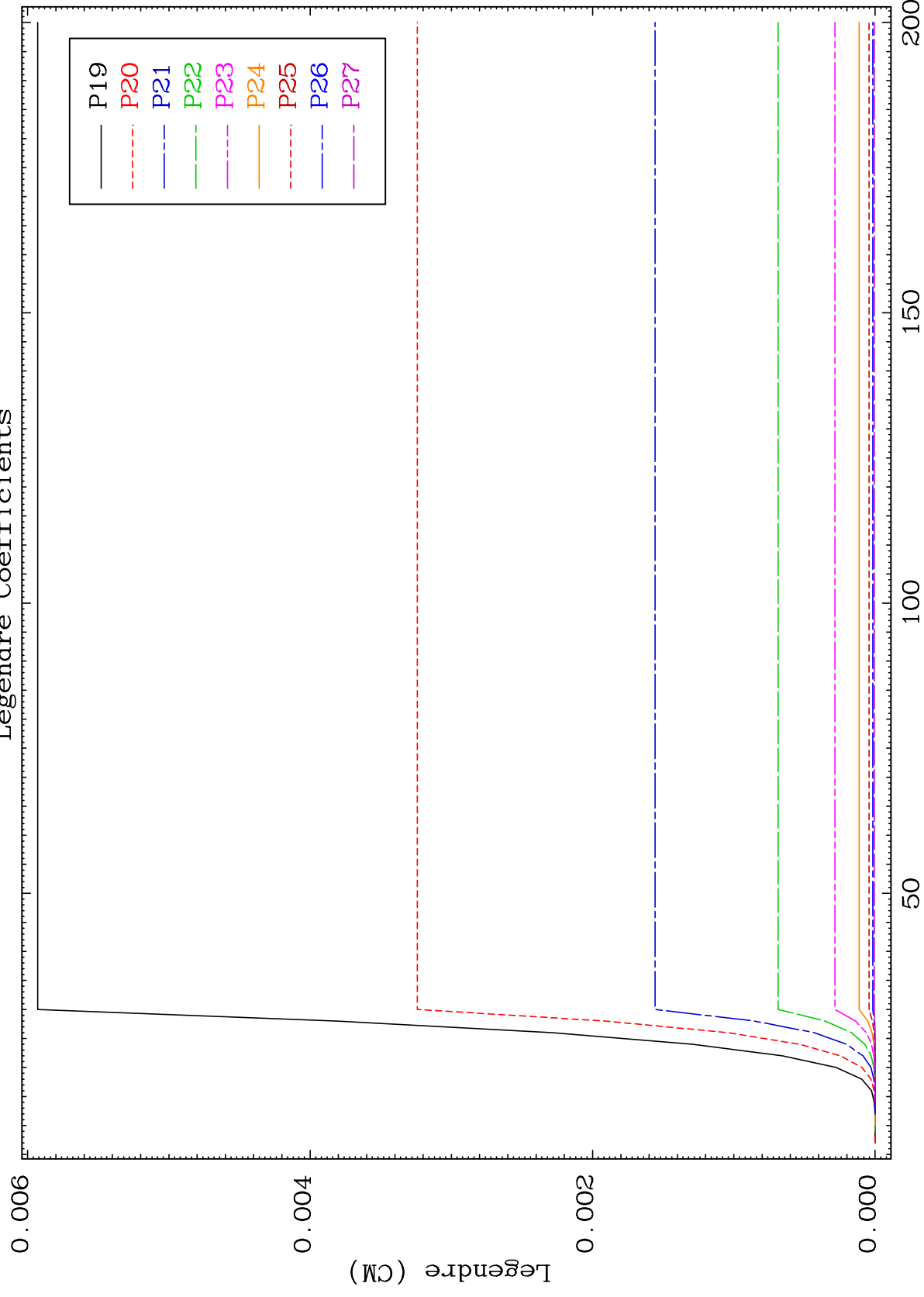
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



46

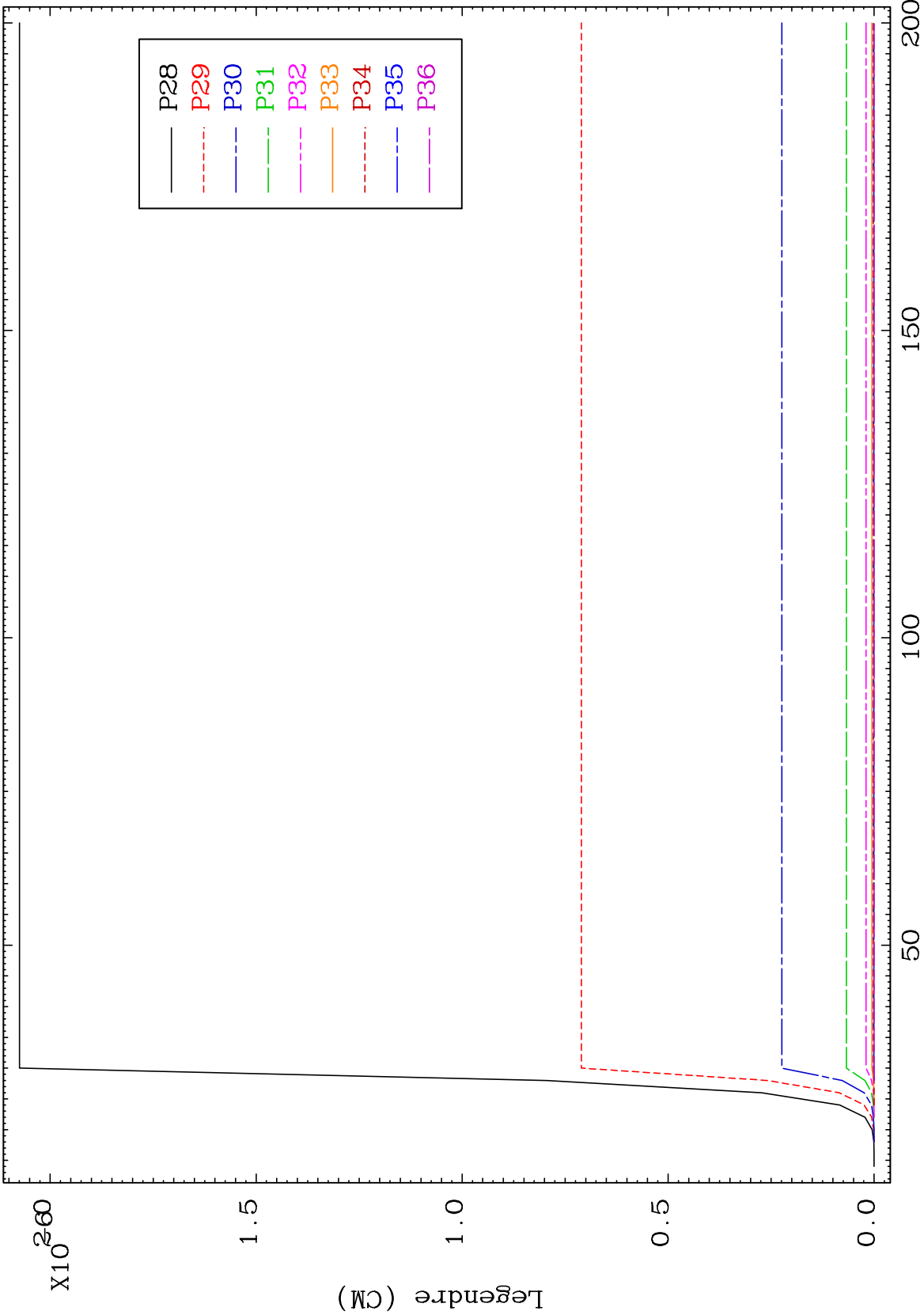
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



47

Incident Energy (MeV)

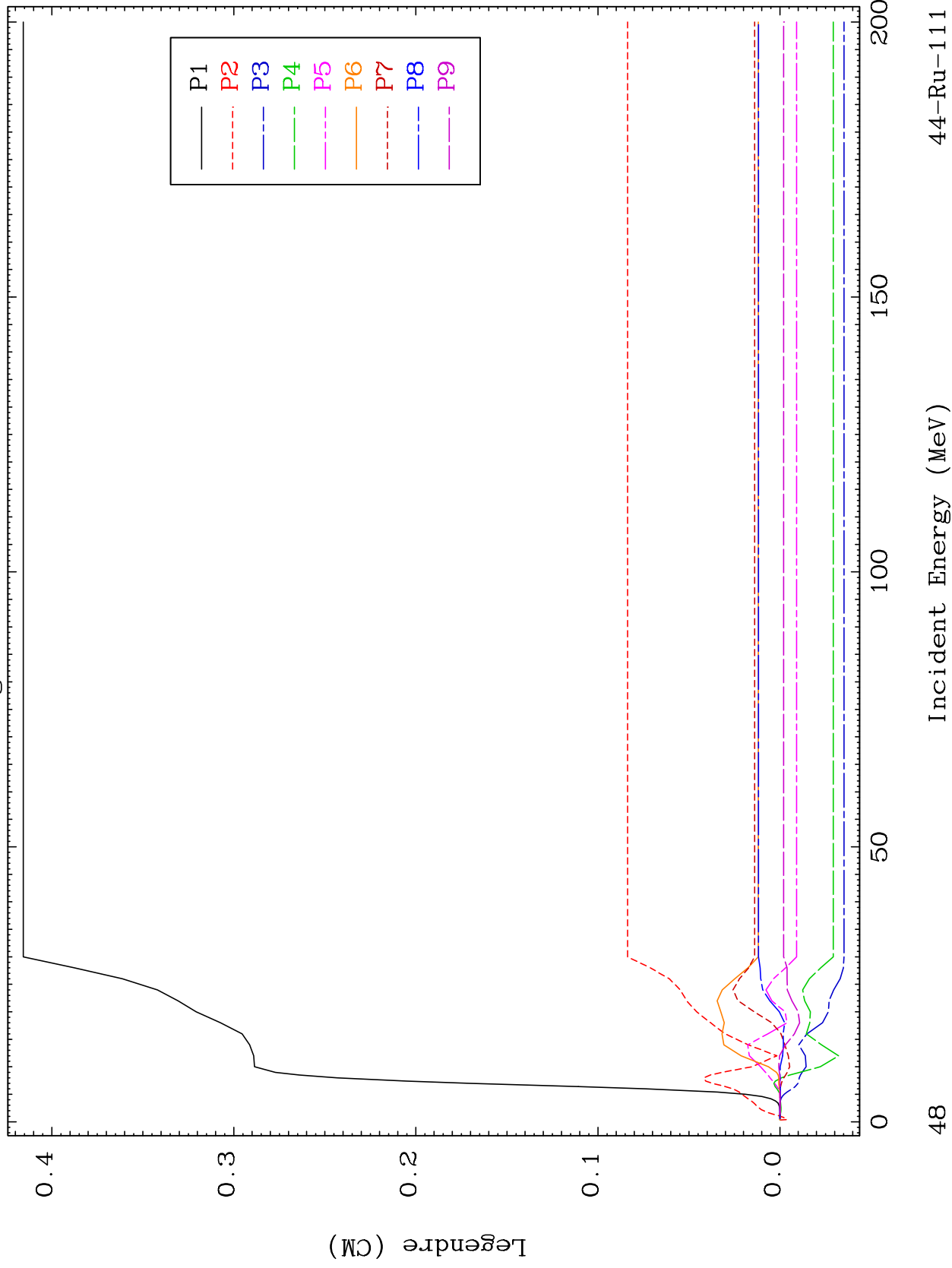
44-Ru-111



MAT 4470

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

44-Ru-111



44-Ru-111

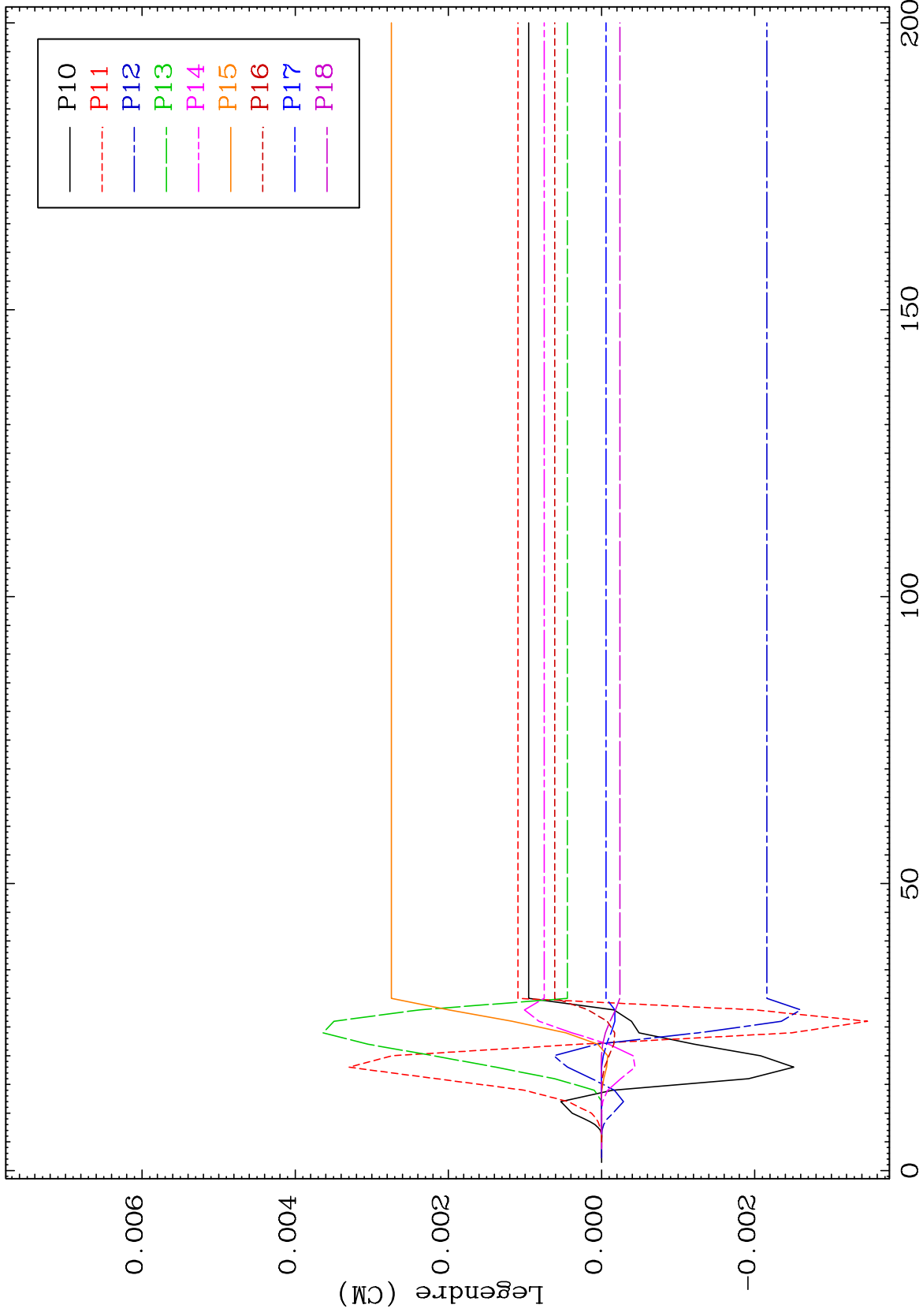
Incident Energy (MeV)

48

MAT 4470

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

44-Ru-111



49

Incident Energy (MeV)

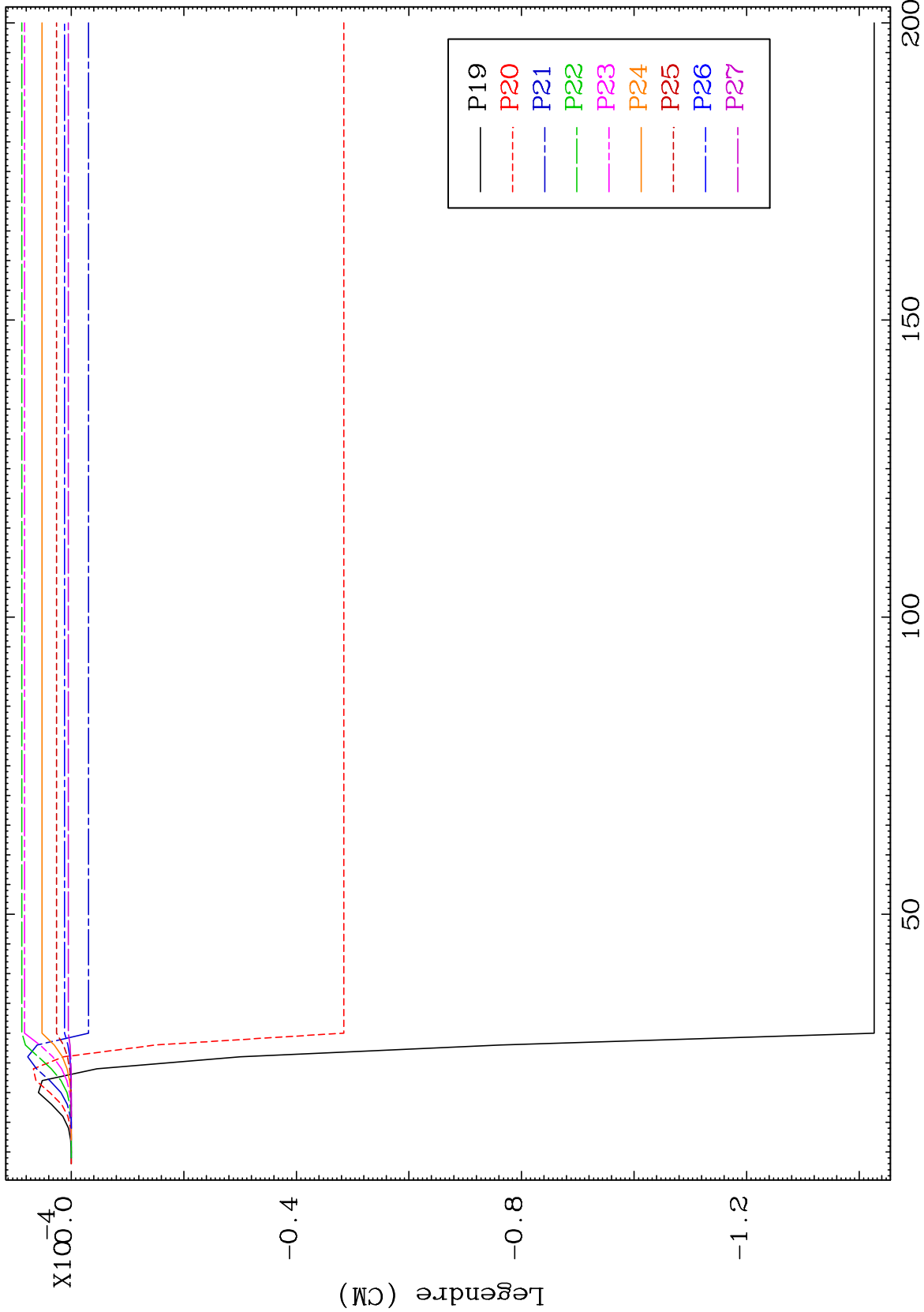
44-Ru-111

MAT 4470

MT= 58 (n,n') Level

44-Ru-111

Legendre Coefficients



50

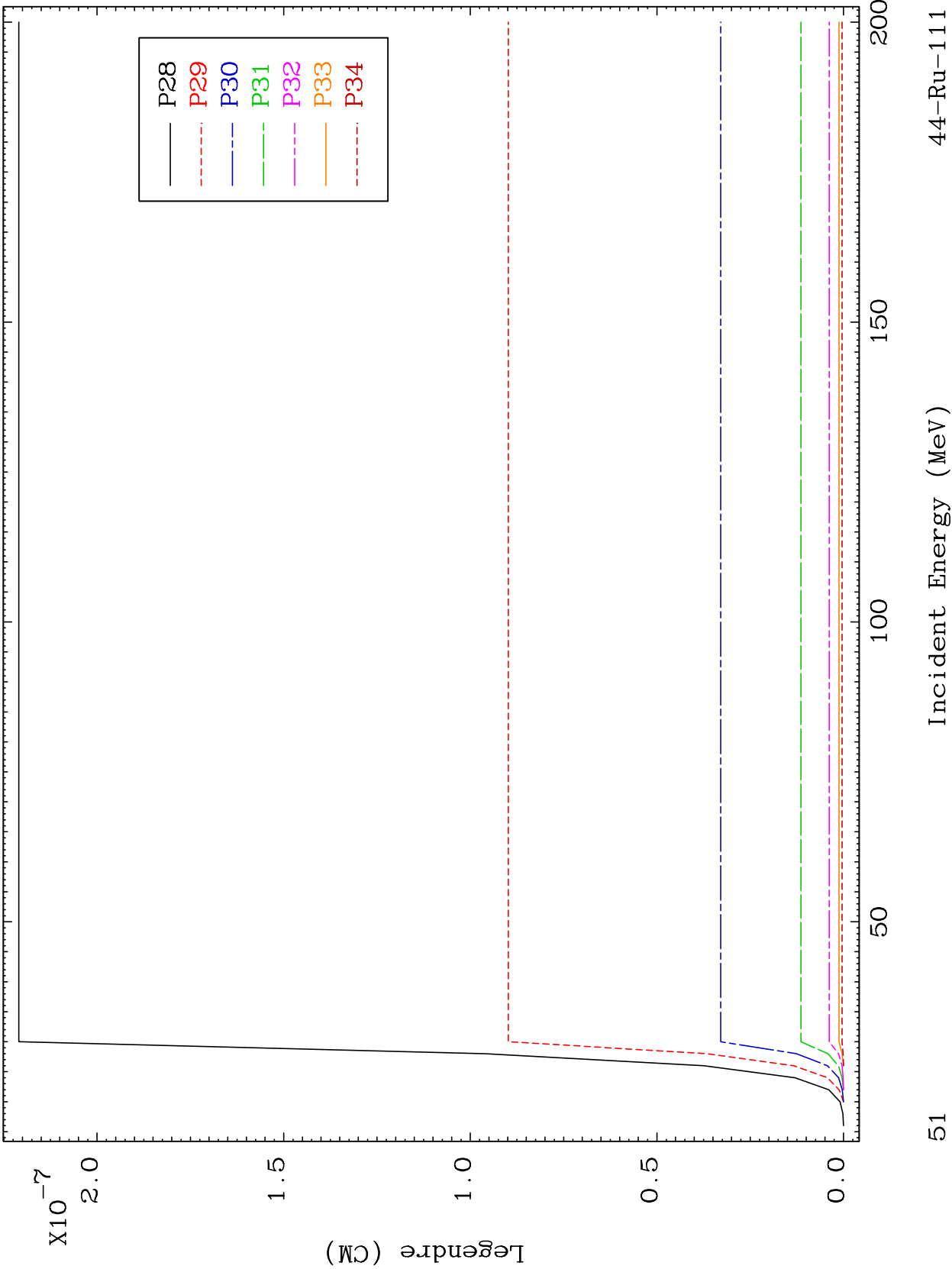
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



51

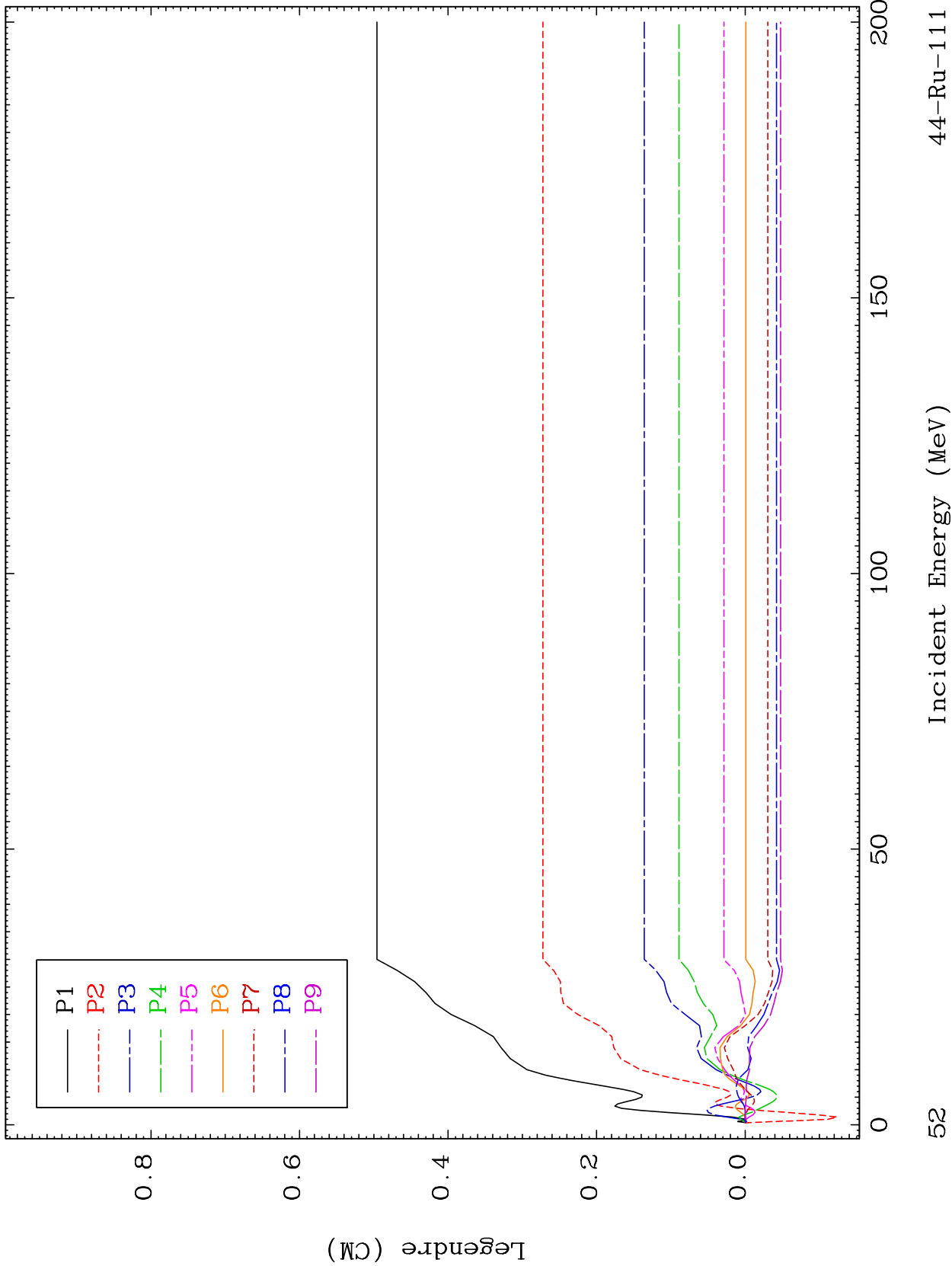
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



52

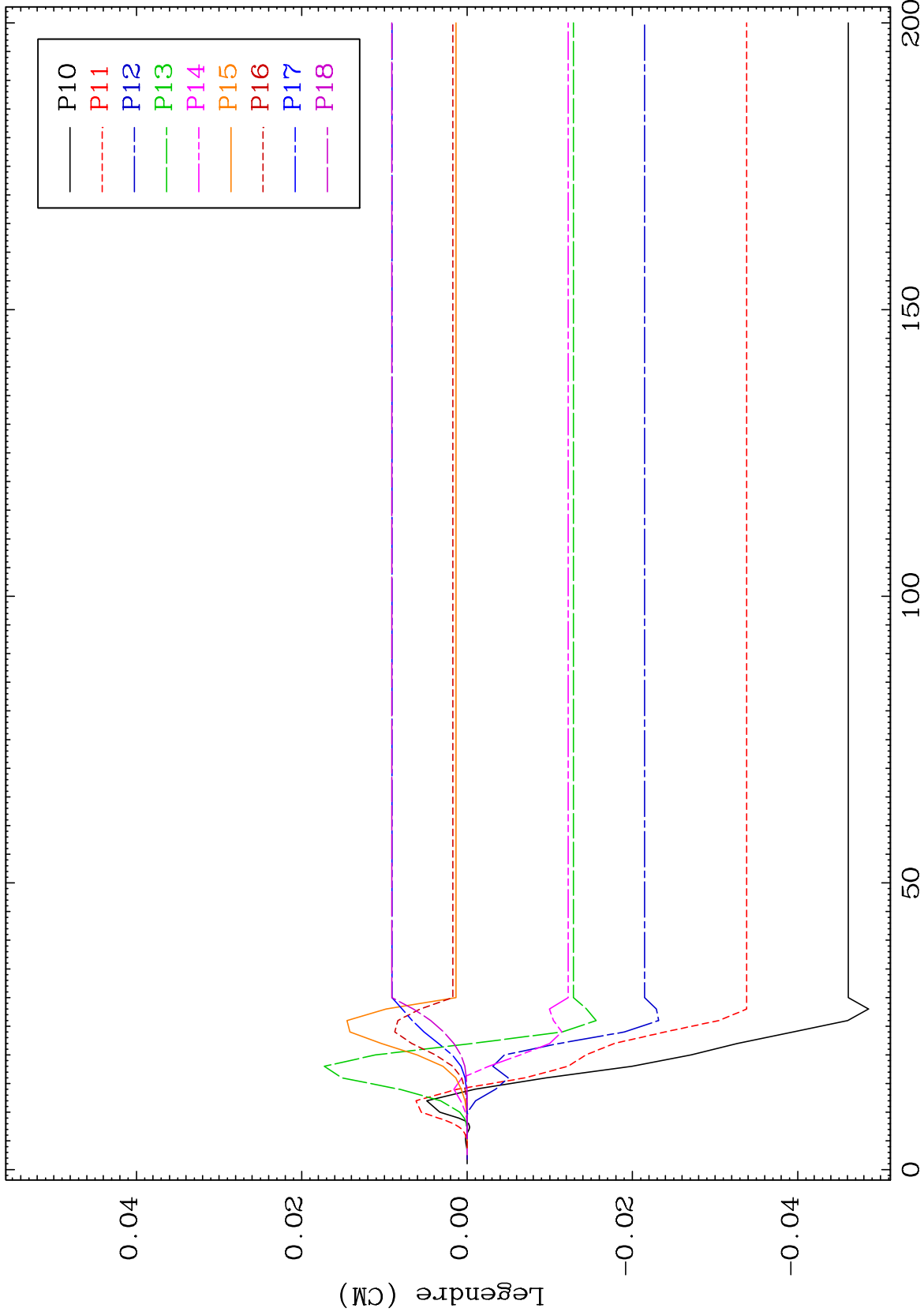
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

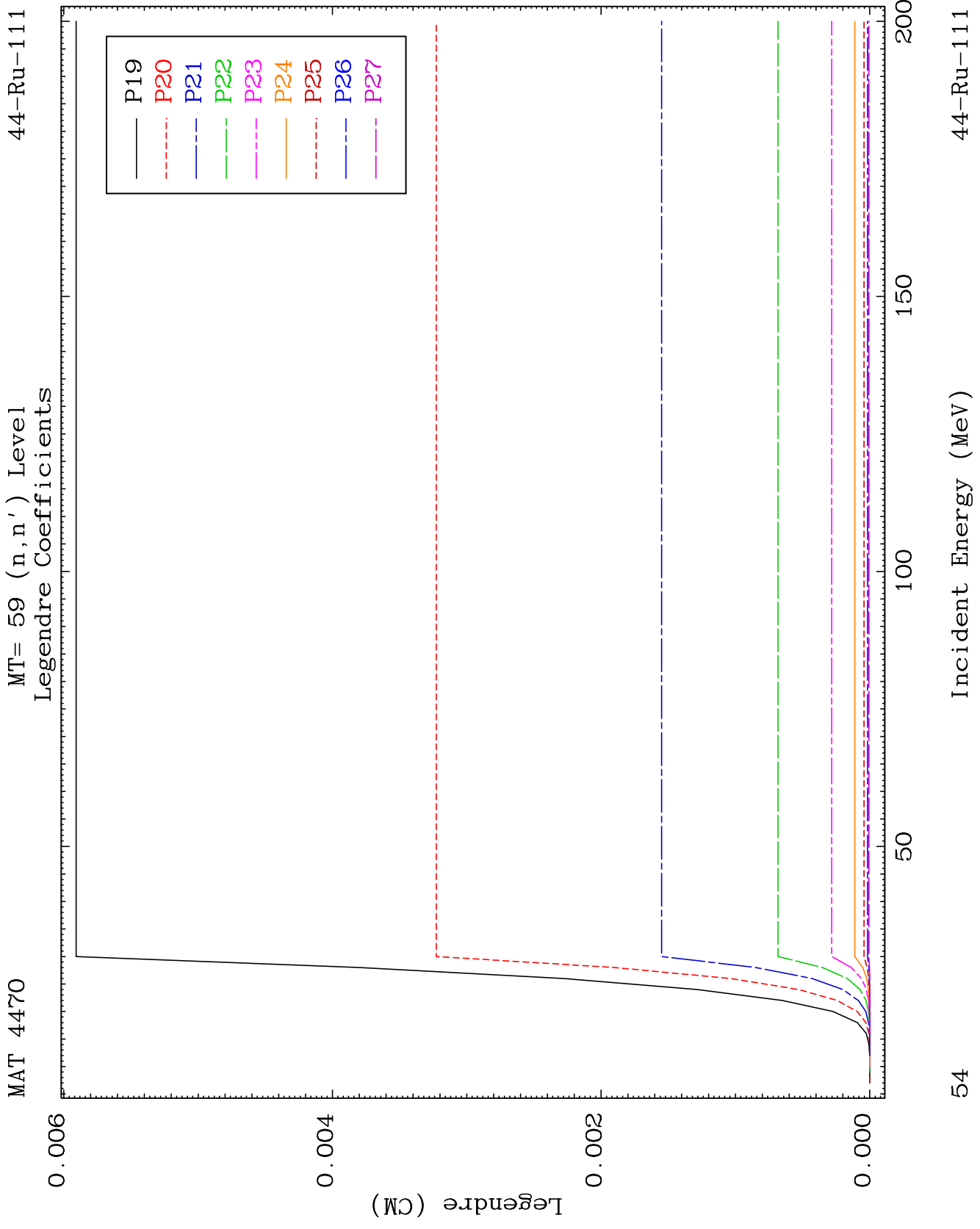
44-Ru-111



53

Incident Energy (MeV)

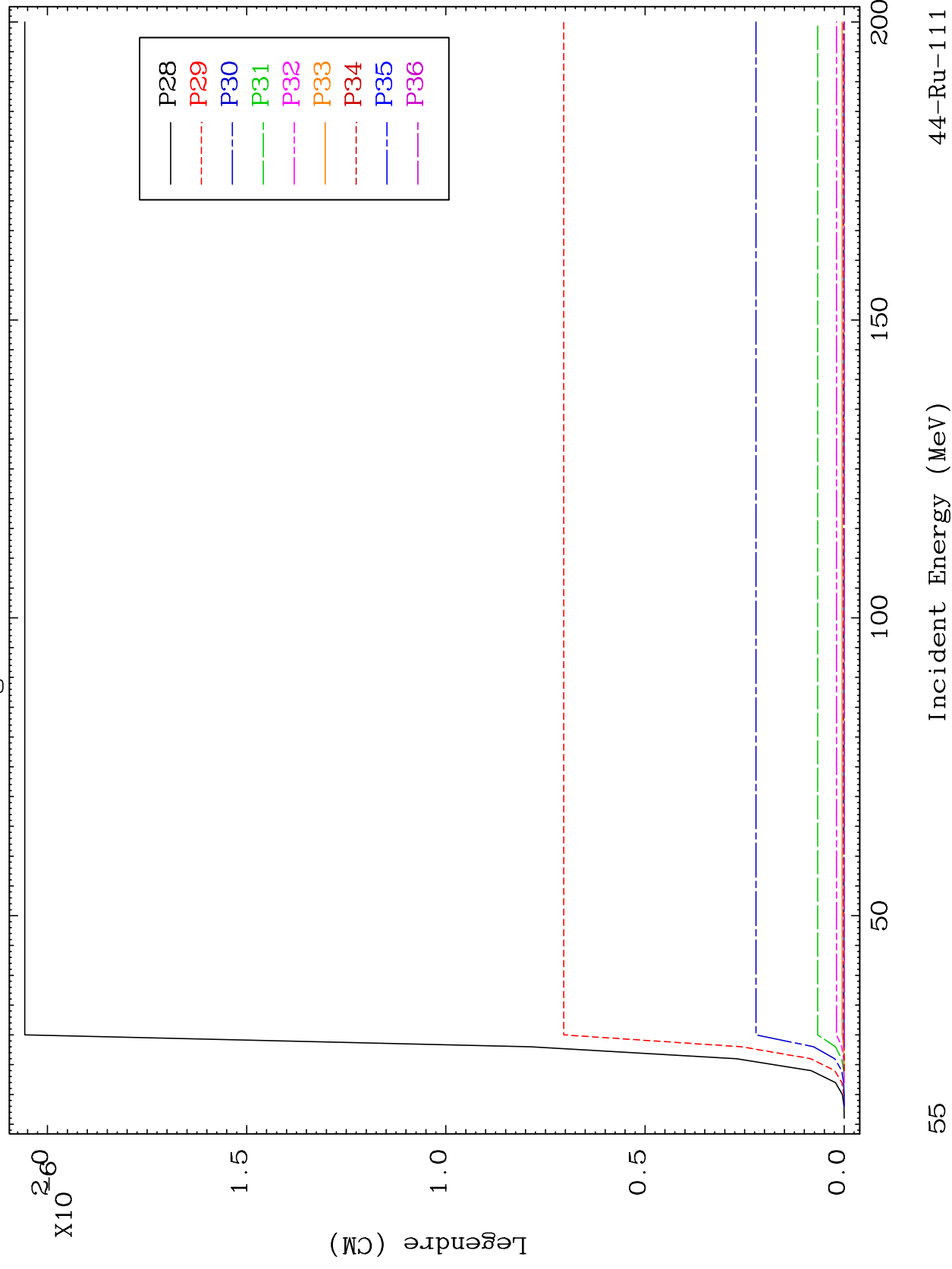
44-Ru-111



MAT 4470

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

44-Ru-111



55

Incident Energy (MeV)

44-Ru-111

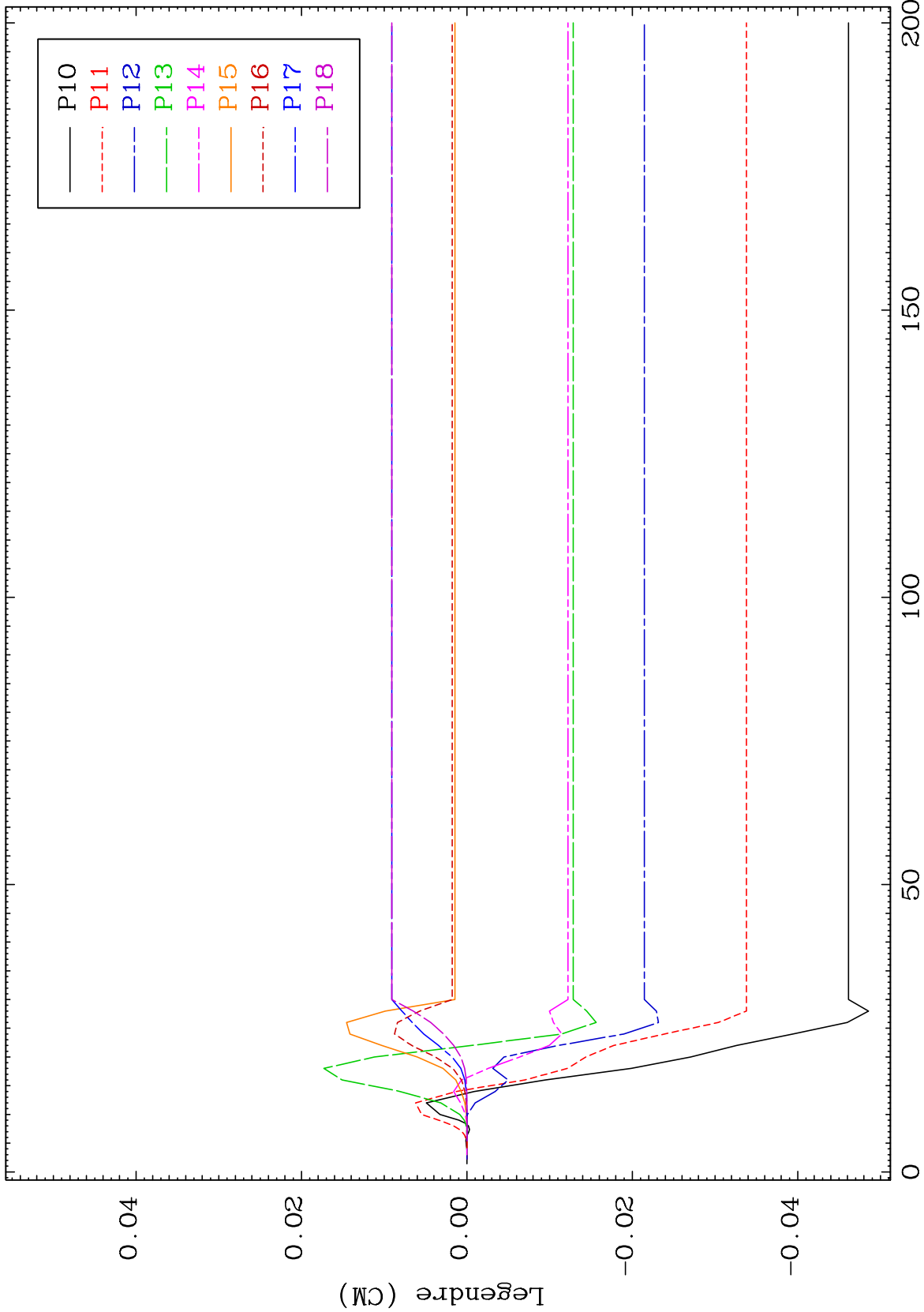




MAT 4470

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

44-Ru-111



57

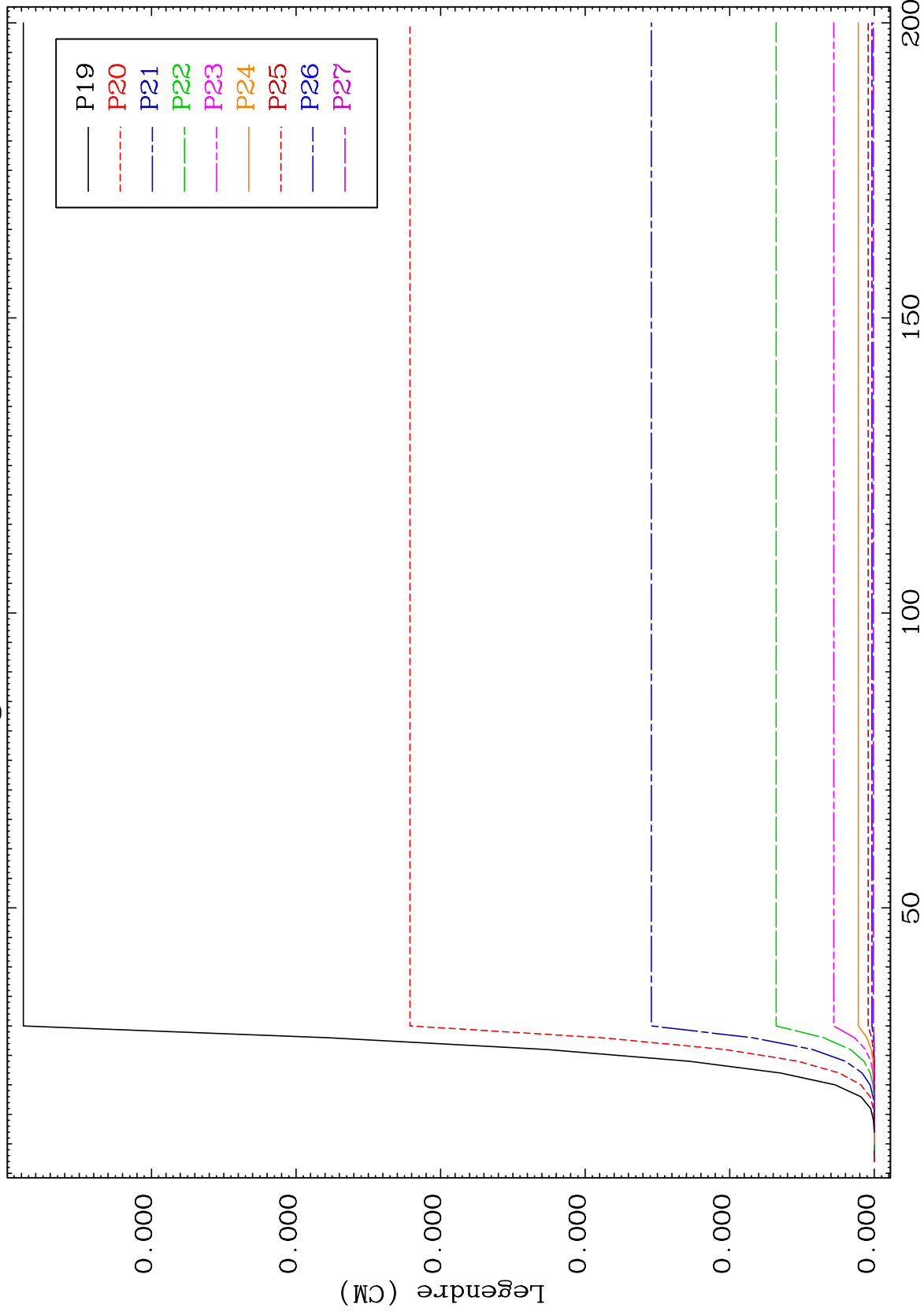
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



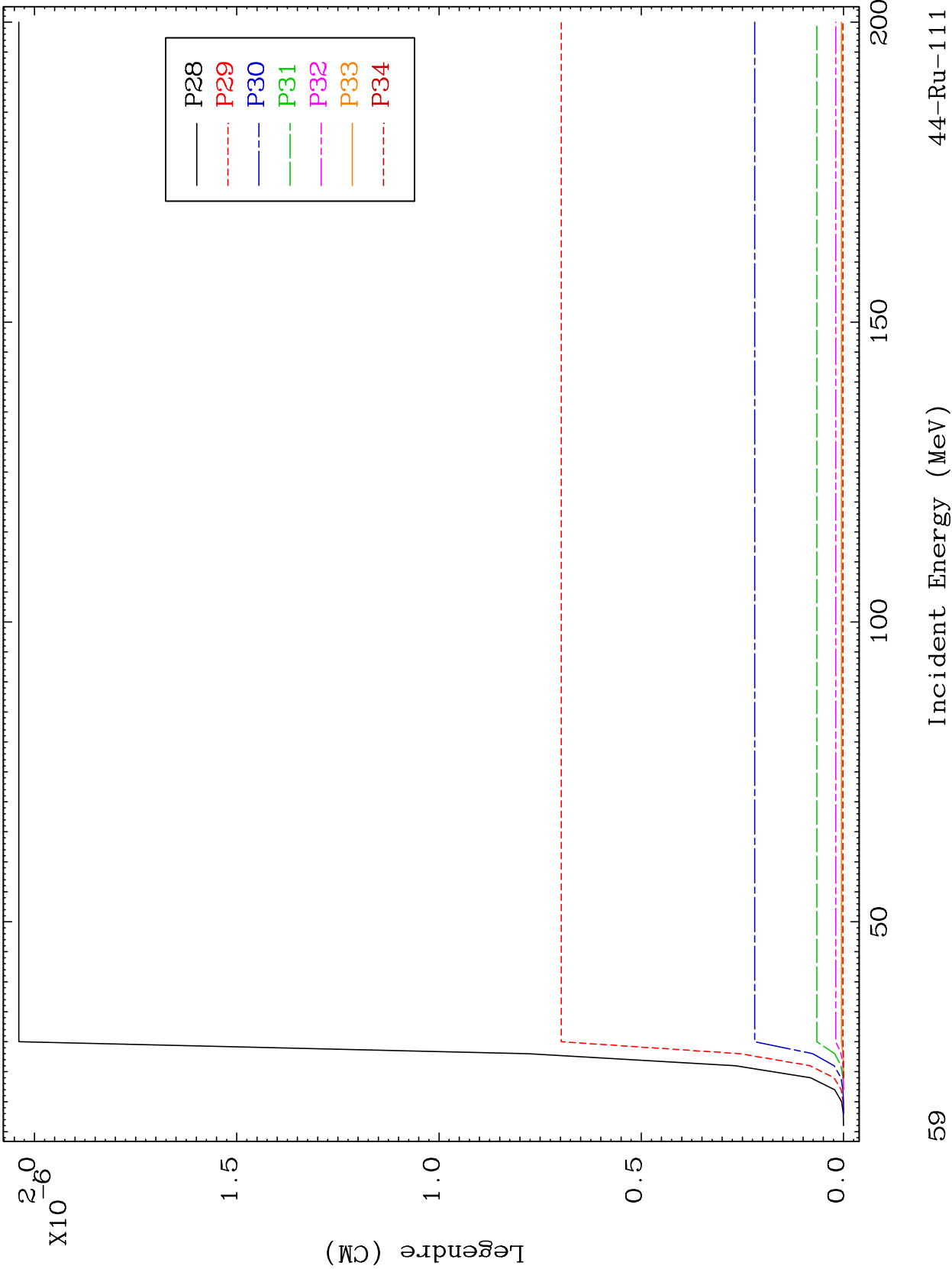
58

44-Ru-111

MAT 4470

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

44-Ru-111



59

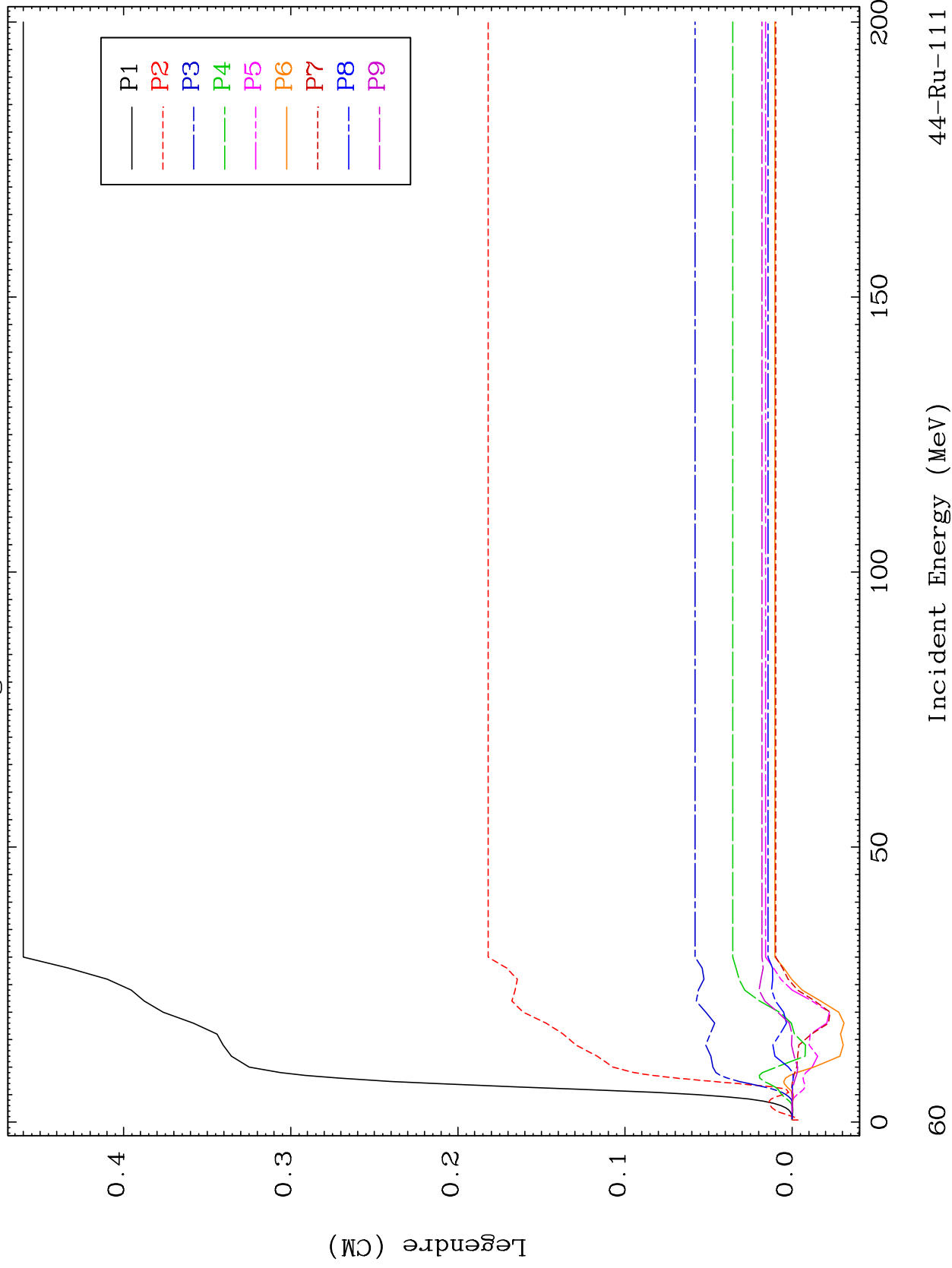
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



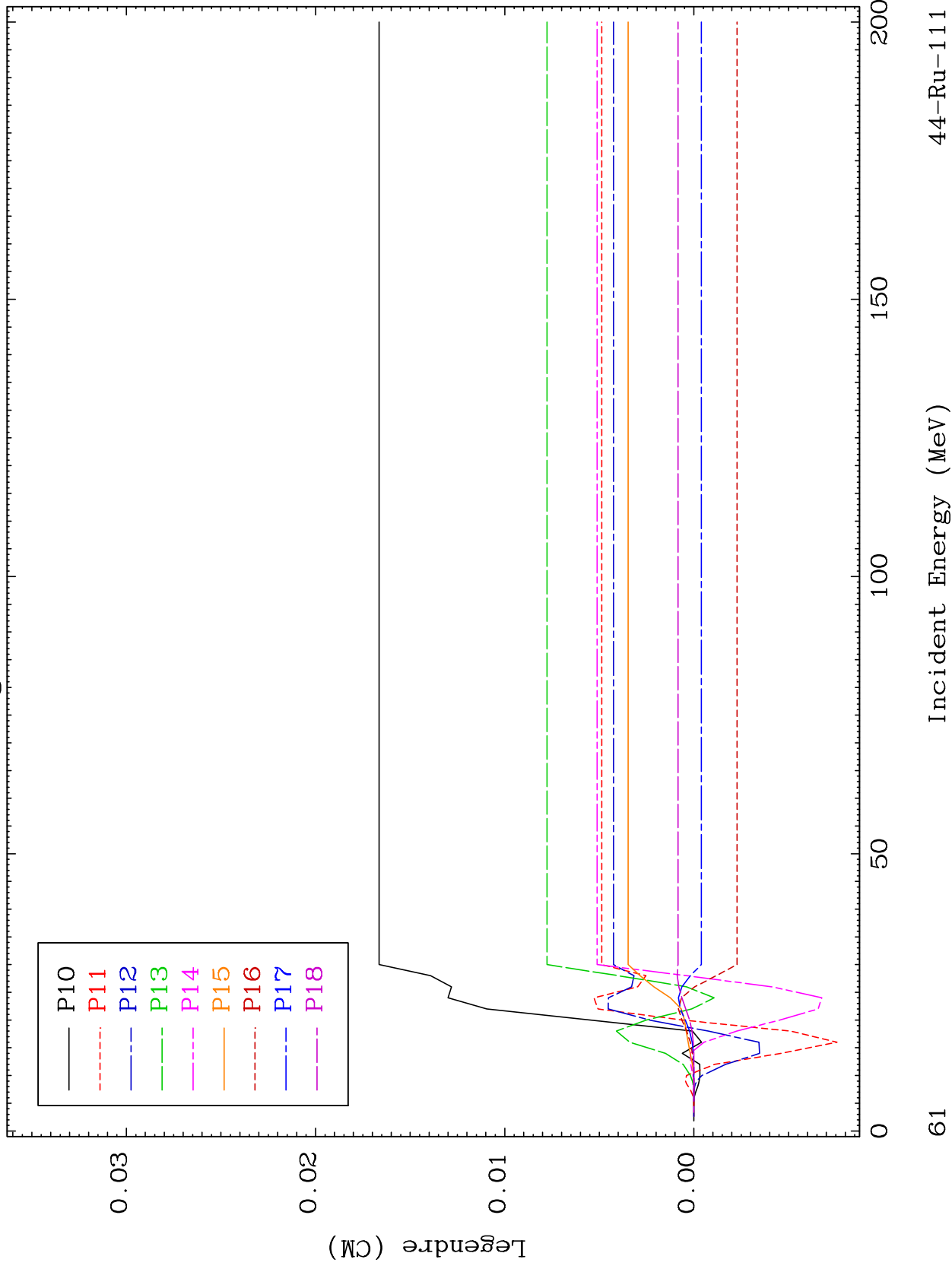
44-Ru-111

Incident Energy (MeV)

MAT 4470

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

44-Ru-111



61

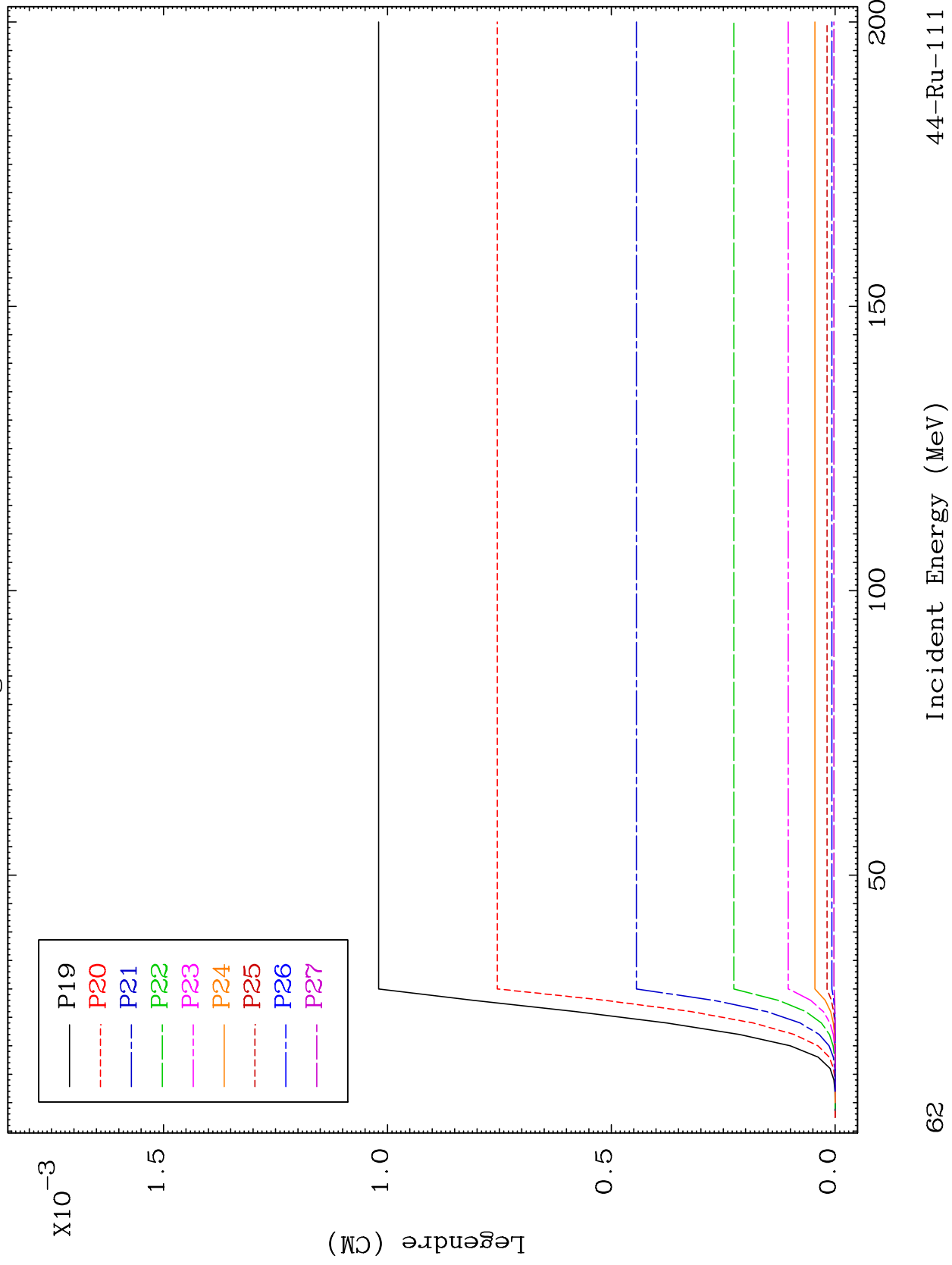
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



62

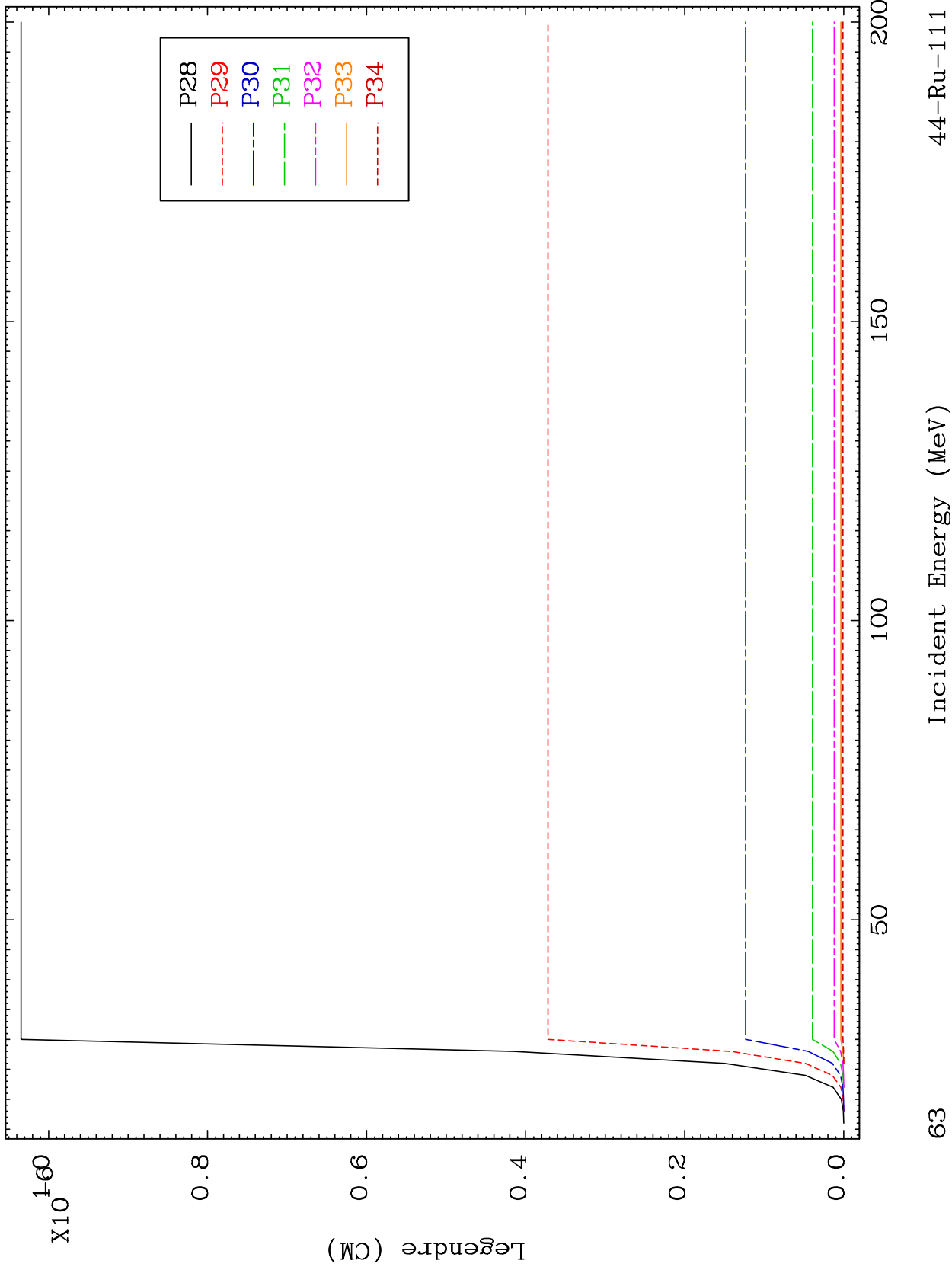
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



63

44-Ru-111

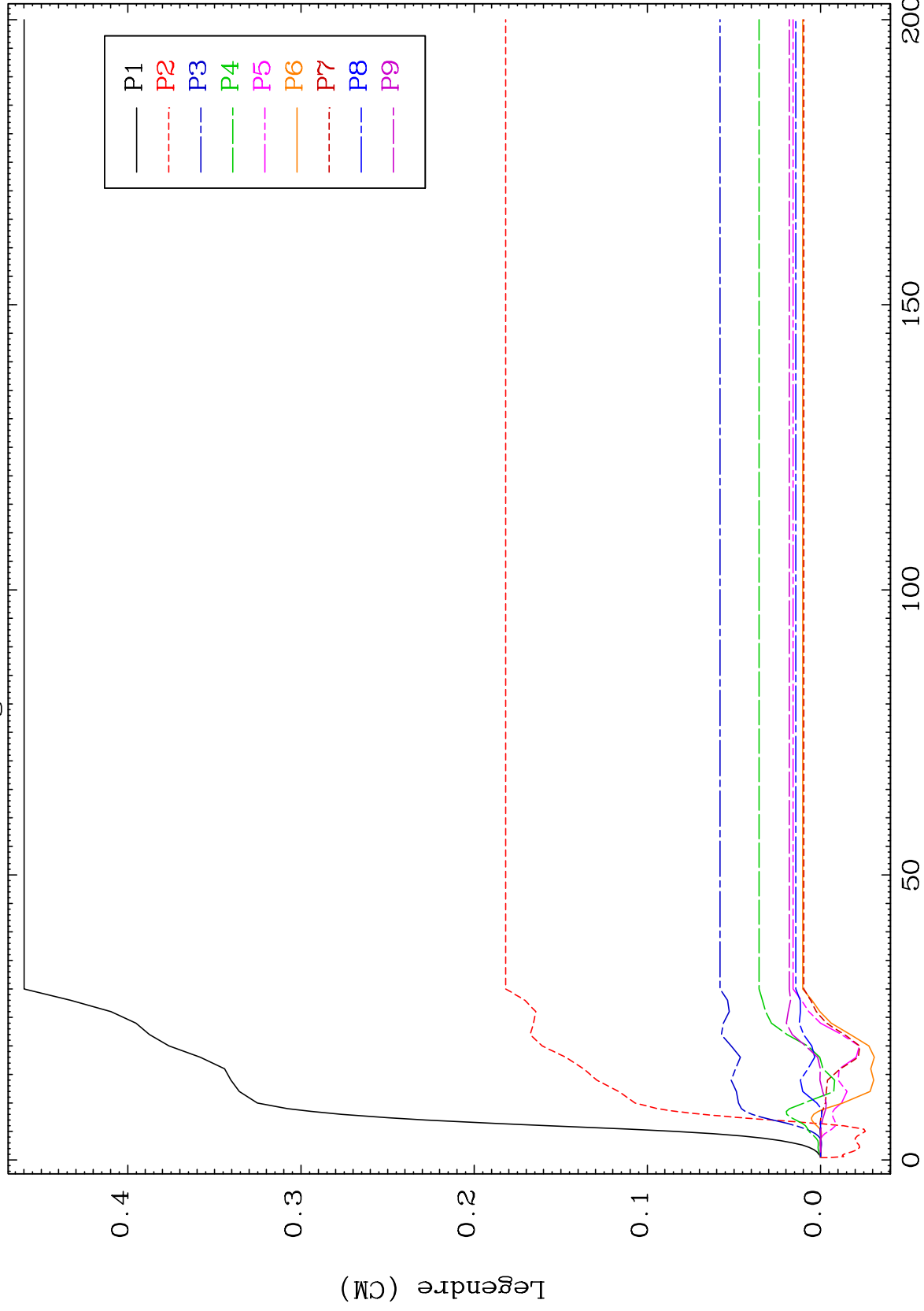


MAT 4470

MT= 62 (n,n') Level

44-Ru-111

Legendre Coefficients



64

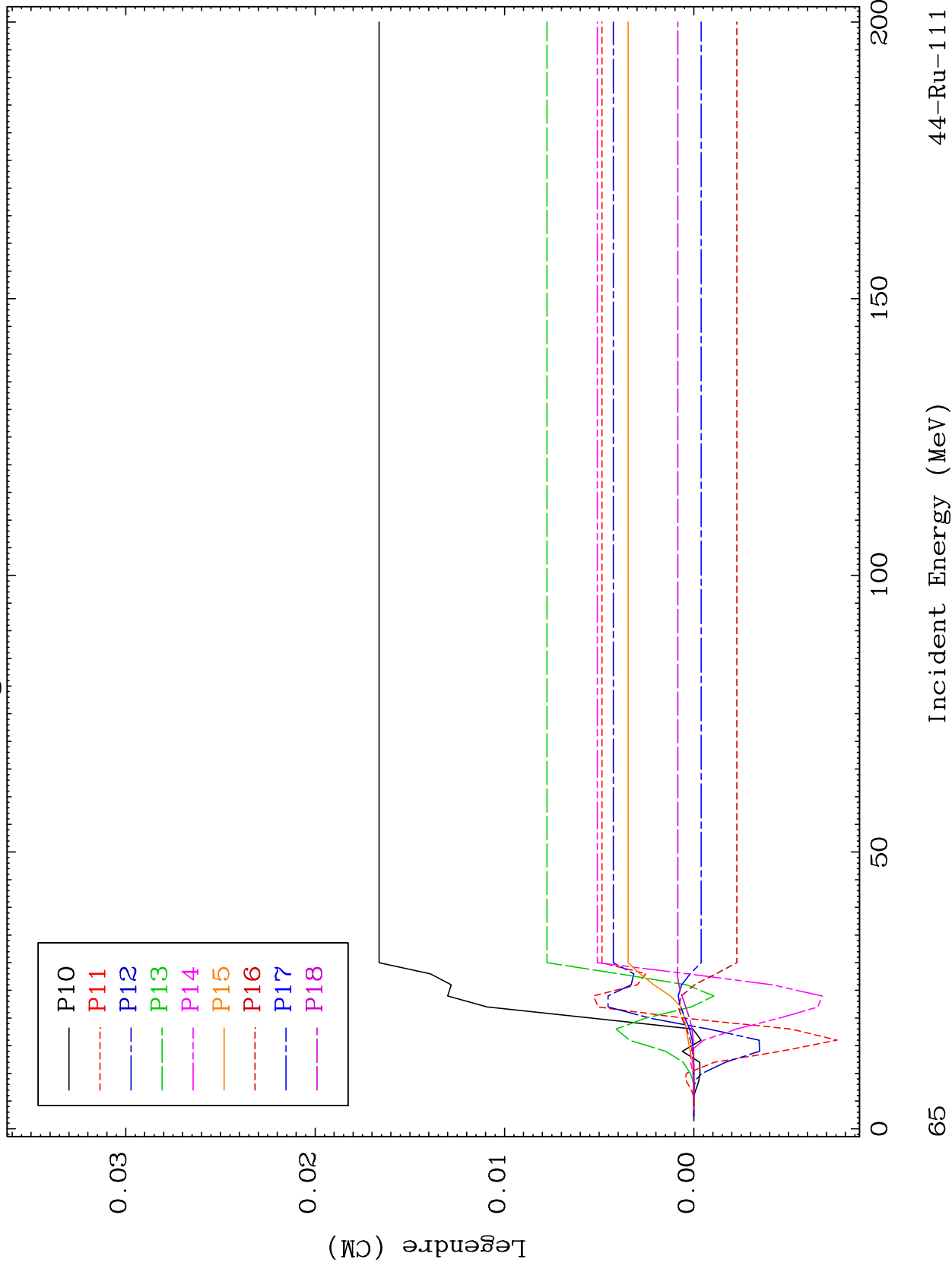
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44-Ru-111

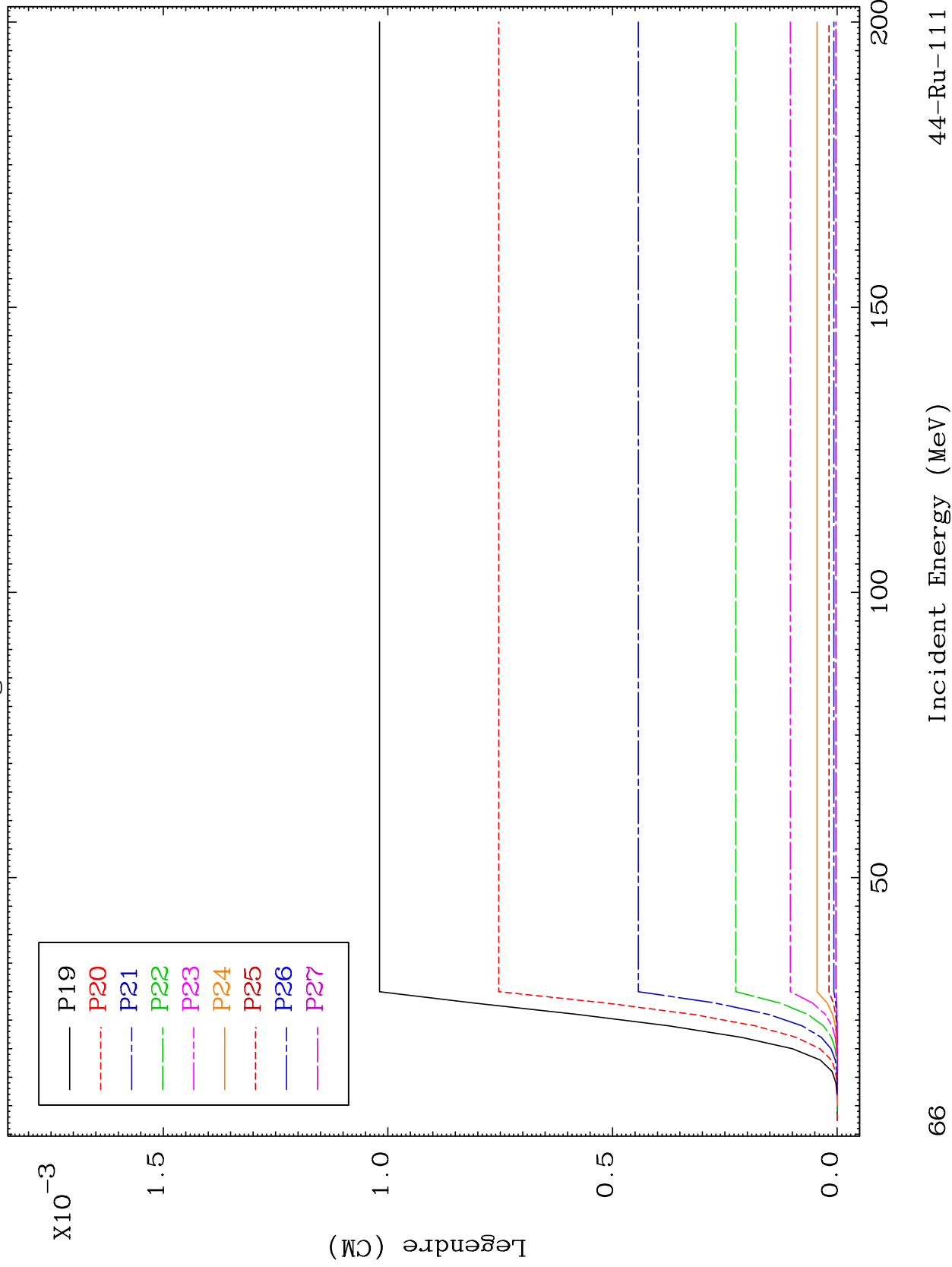
Incident Energy (MeV)

65

MAT 4470

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

44-Ru-111

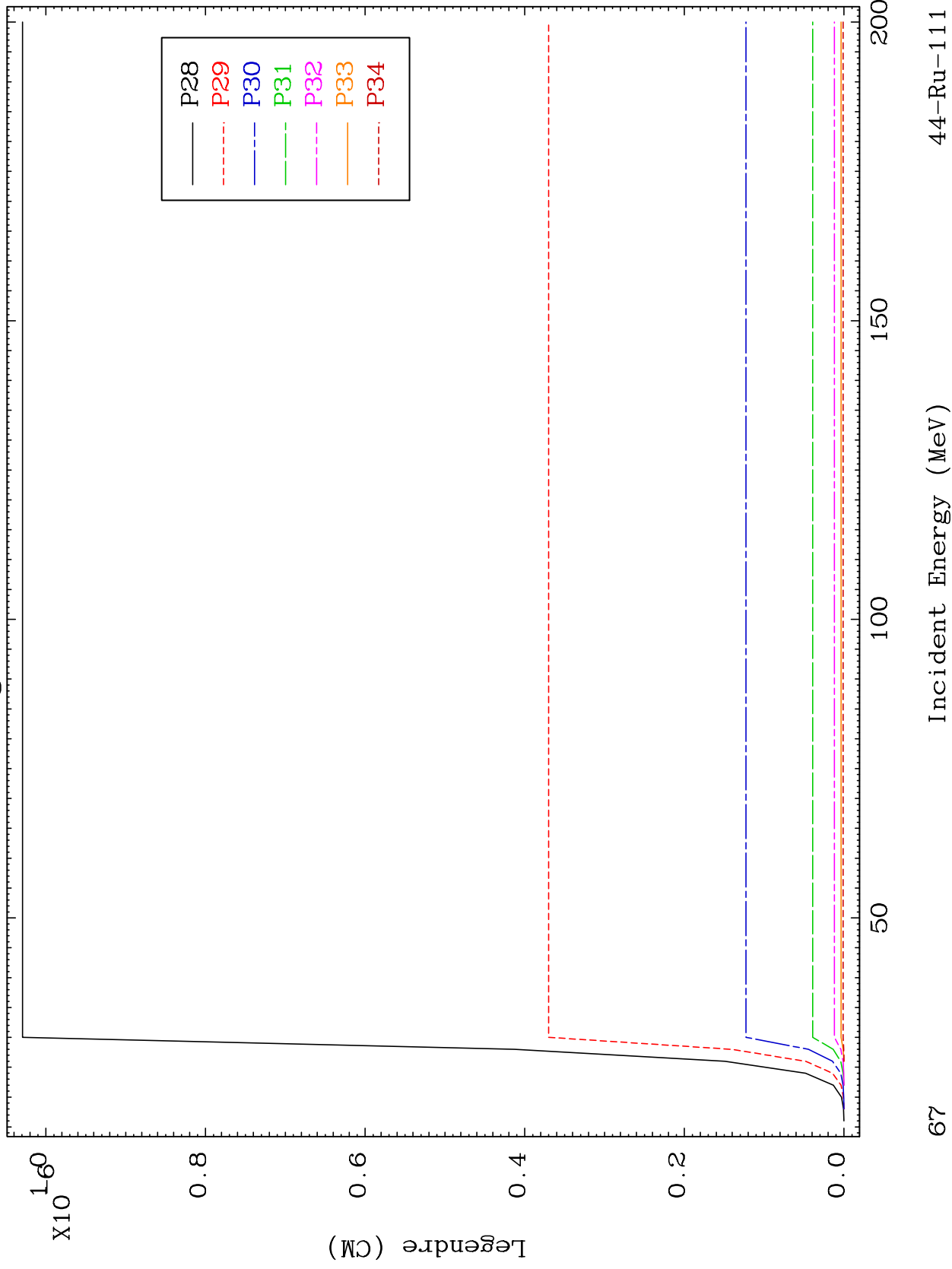


66

MAT 4470

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

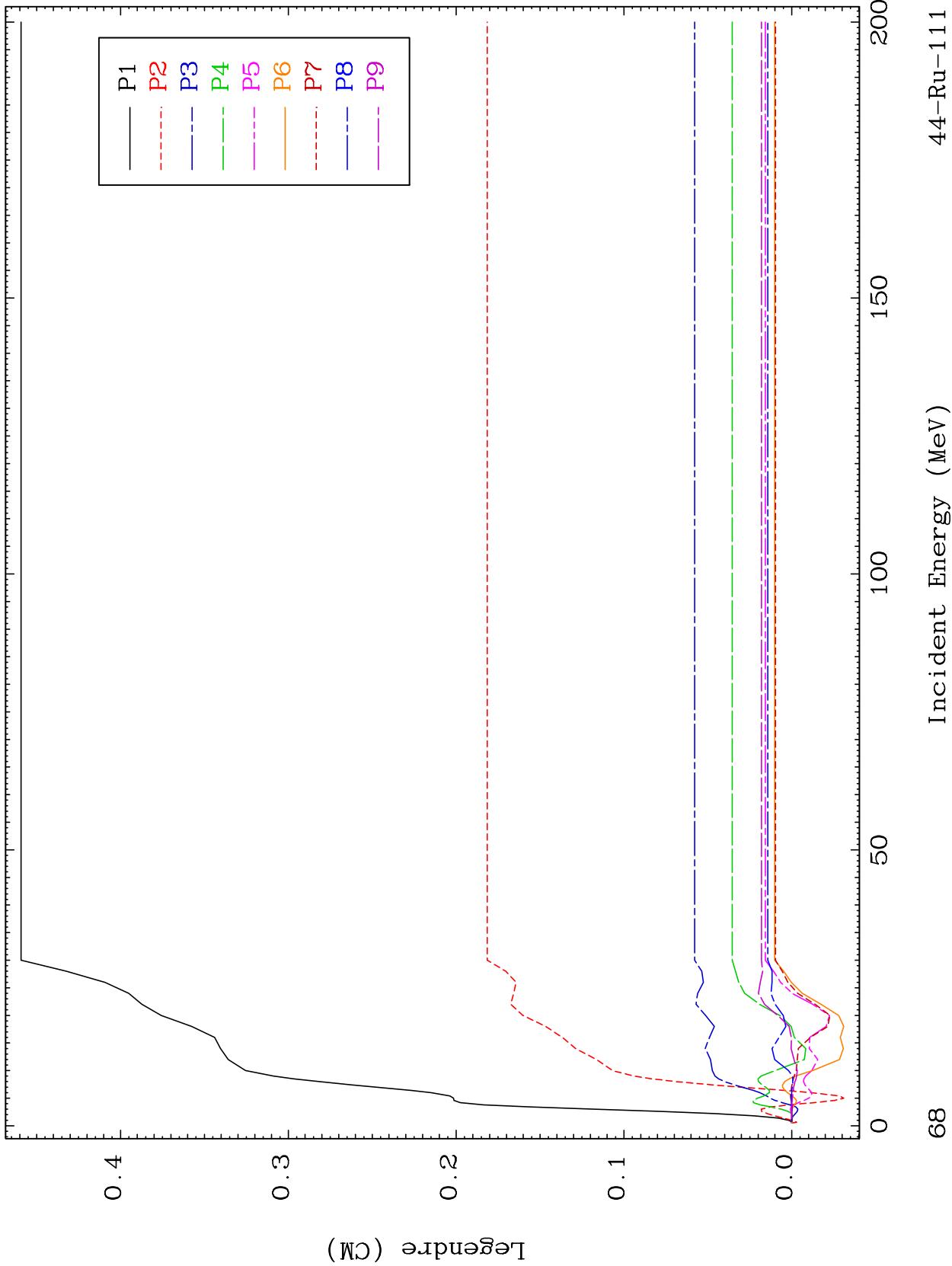
44-Ru-111



MAT 4470

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

44-Ru-111



44-Ru-111

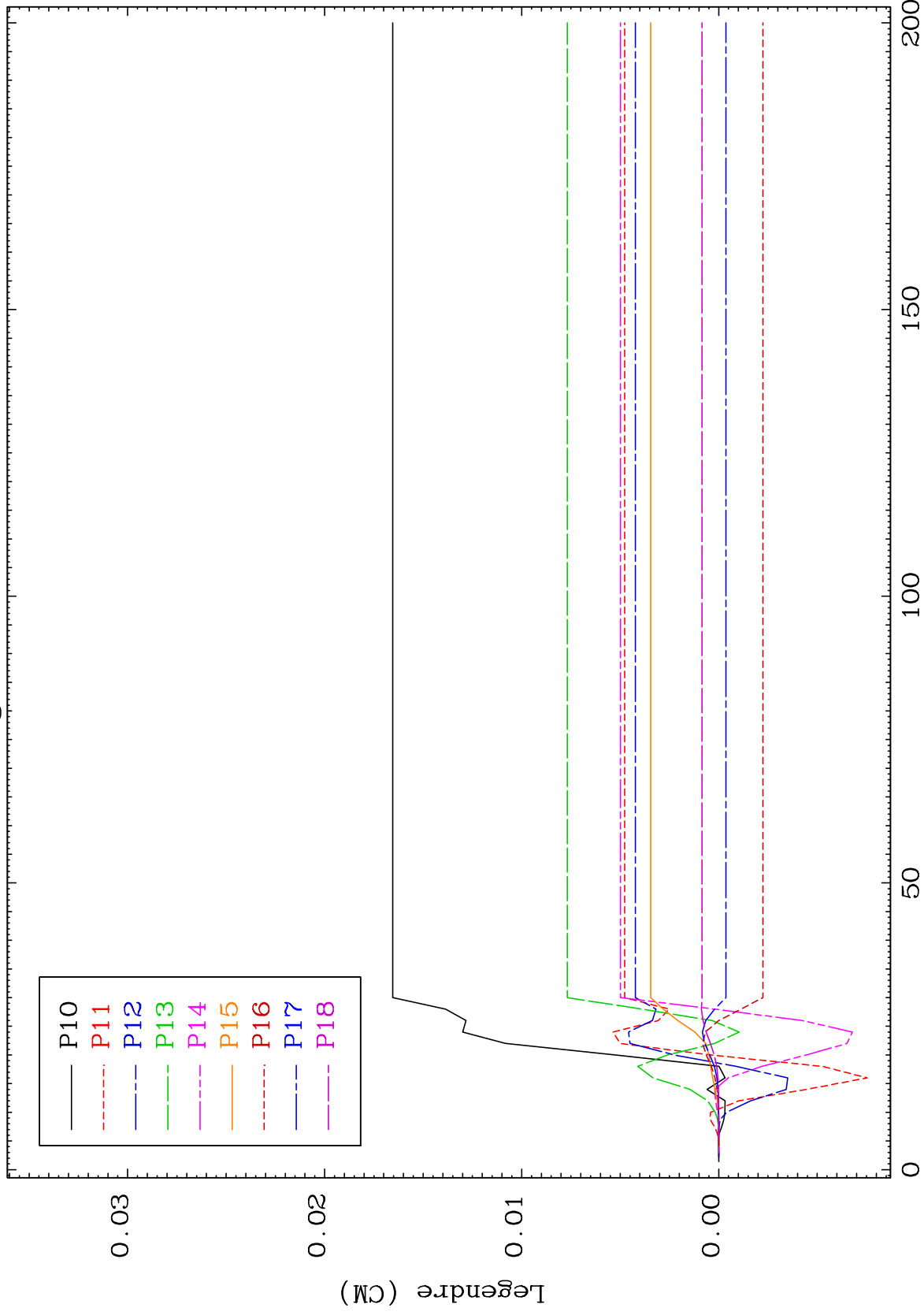
Incident Energy (MeV)

68

MAT 4470

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

44-Ru-111



69

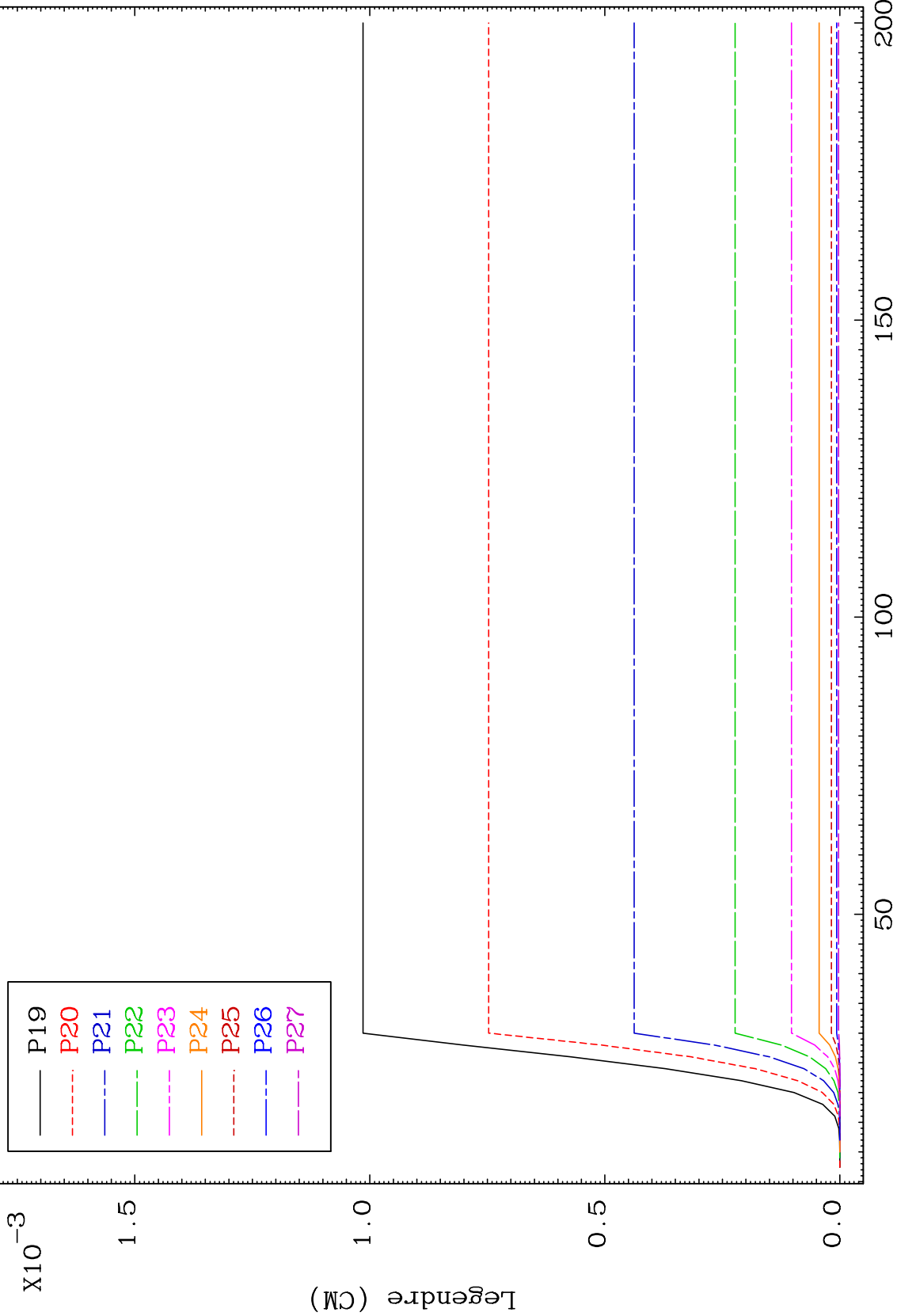
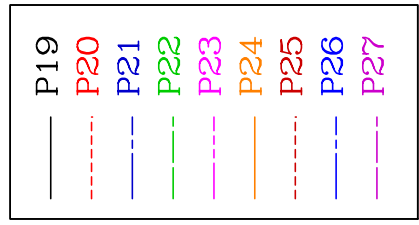
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



70

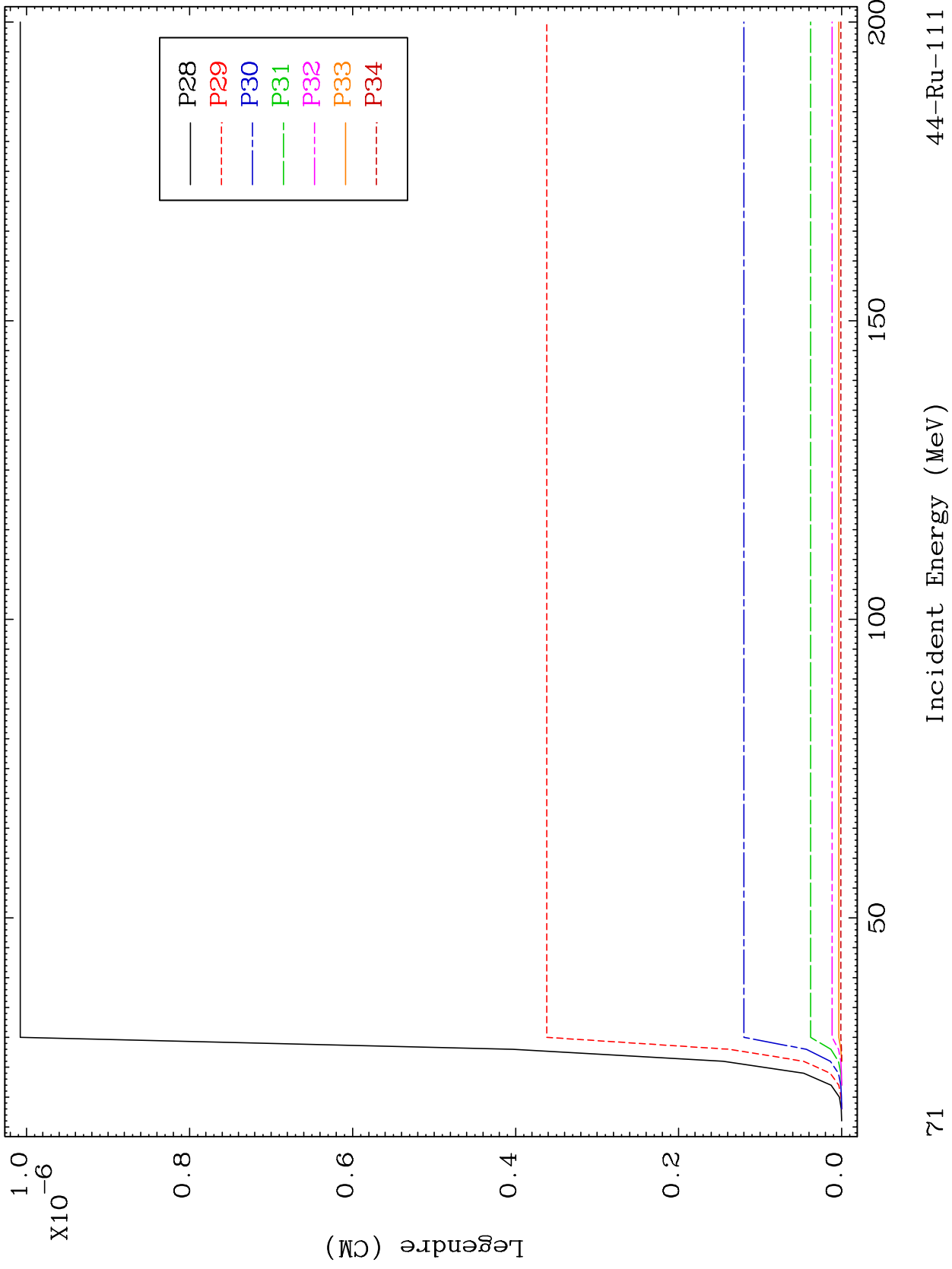
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

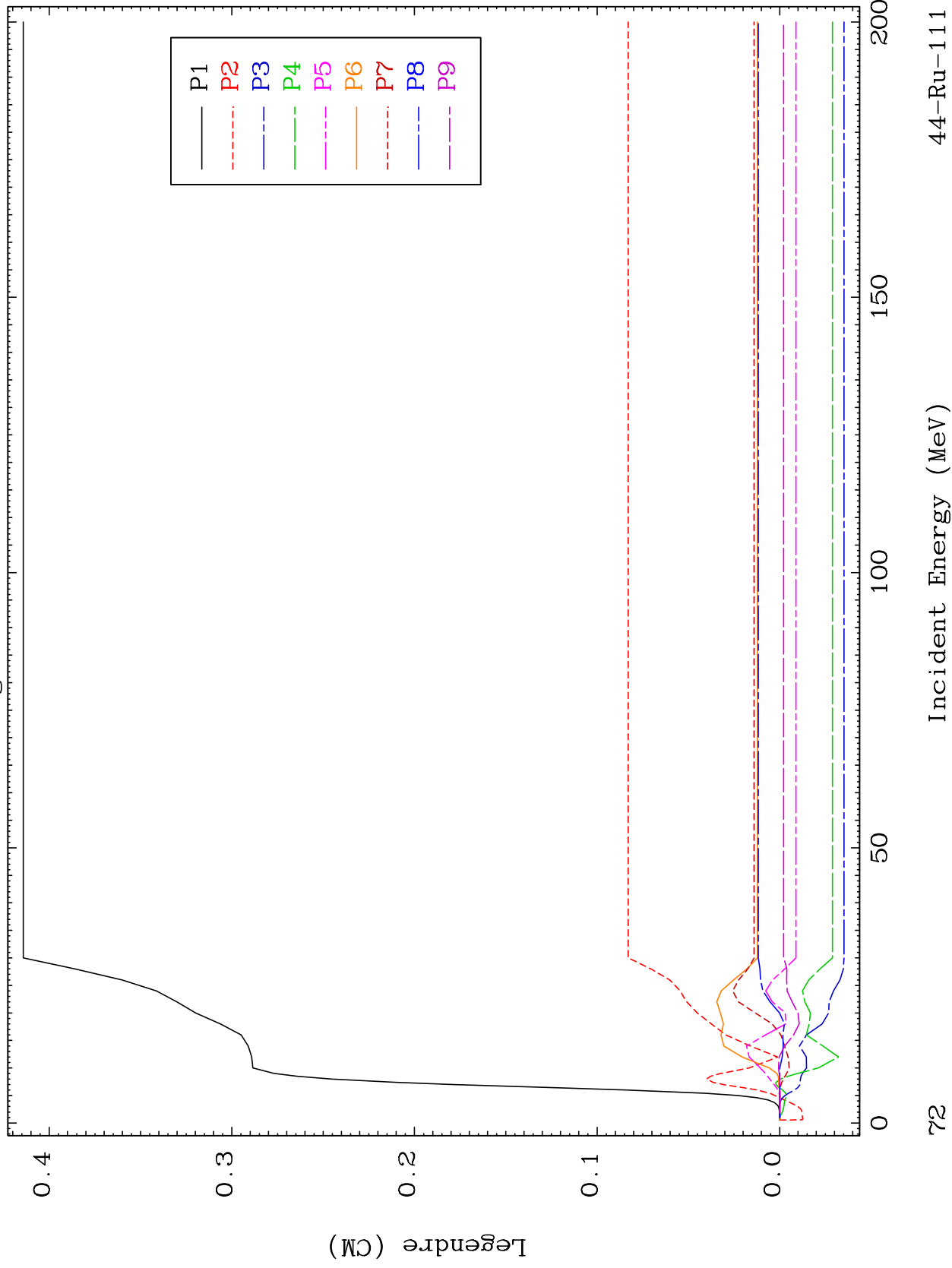




MAT 4470

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

44-Ru-111



72

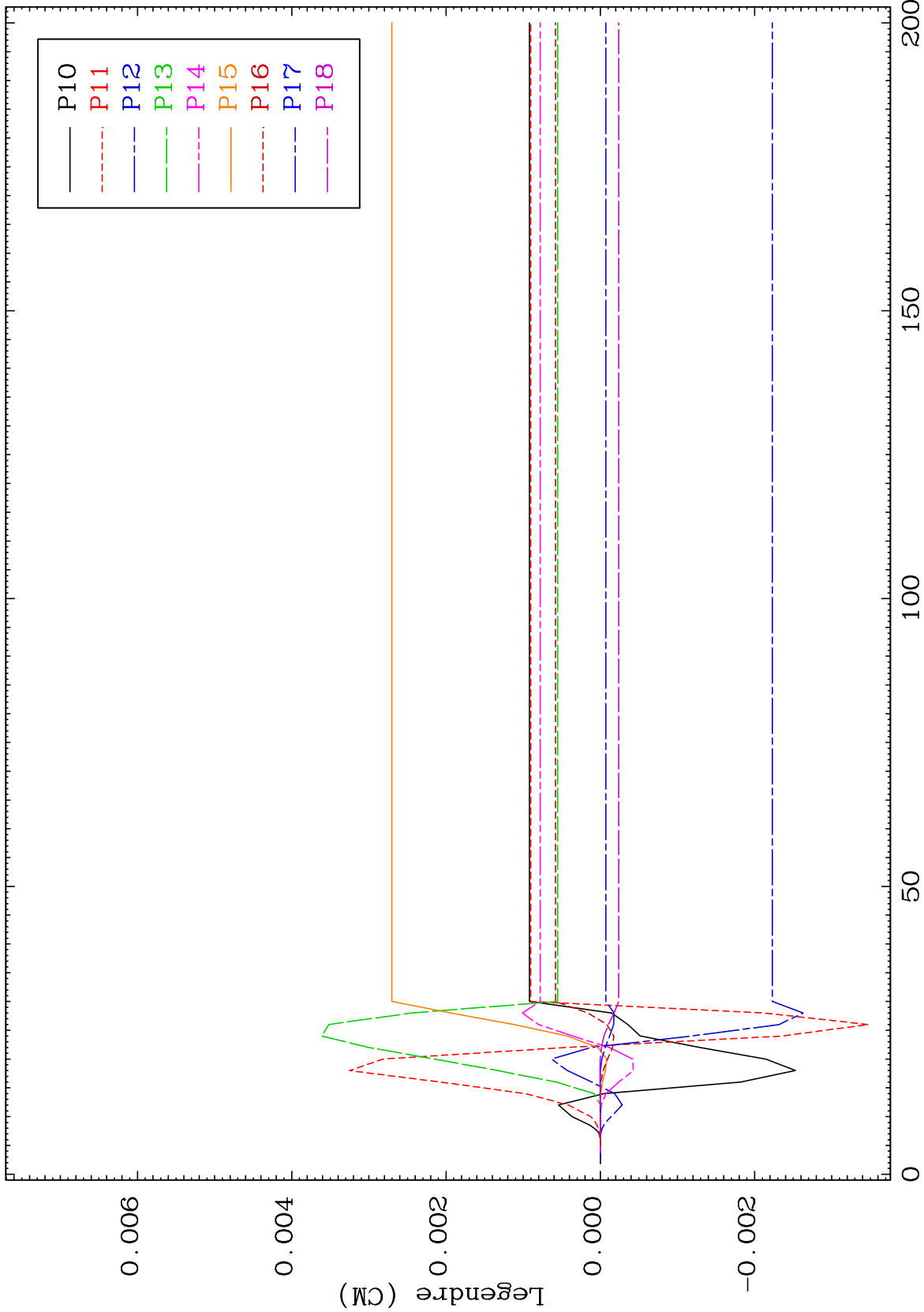
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



73

Incident Energy (MeV)

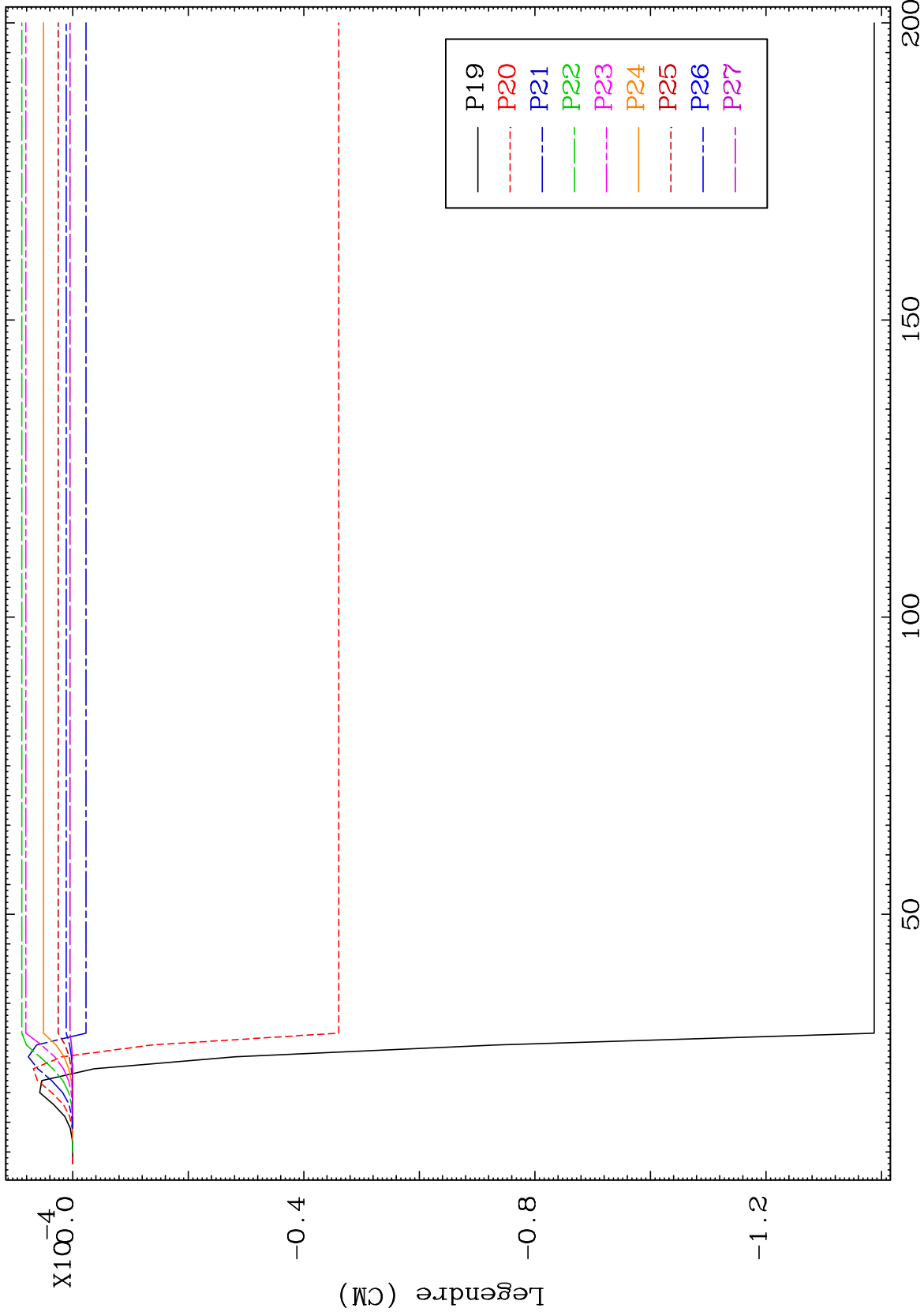
44-Ru-111

MAT 4470

MT= 64 (n,n') Level

44-Ru-111

Legendre Coefficients



74

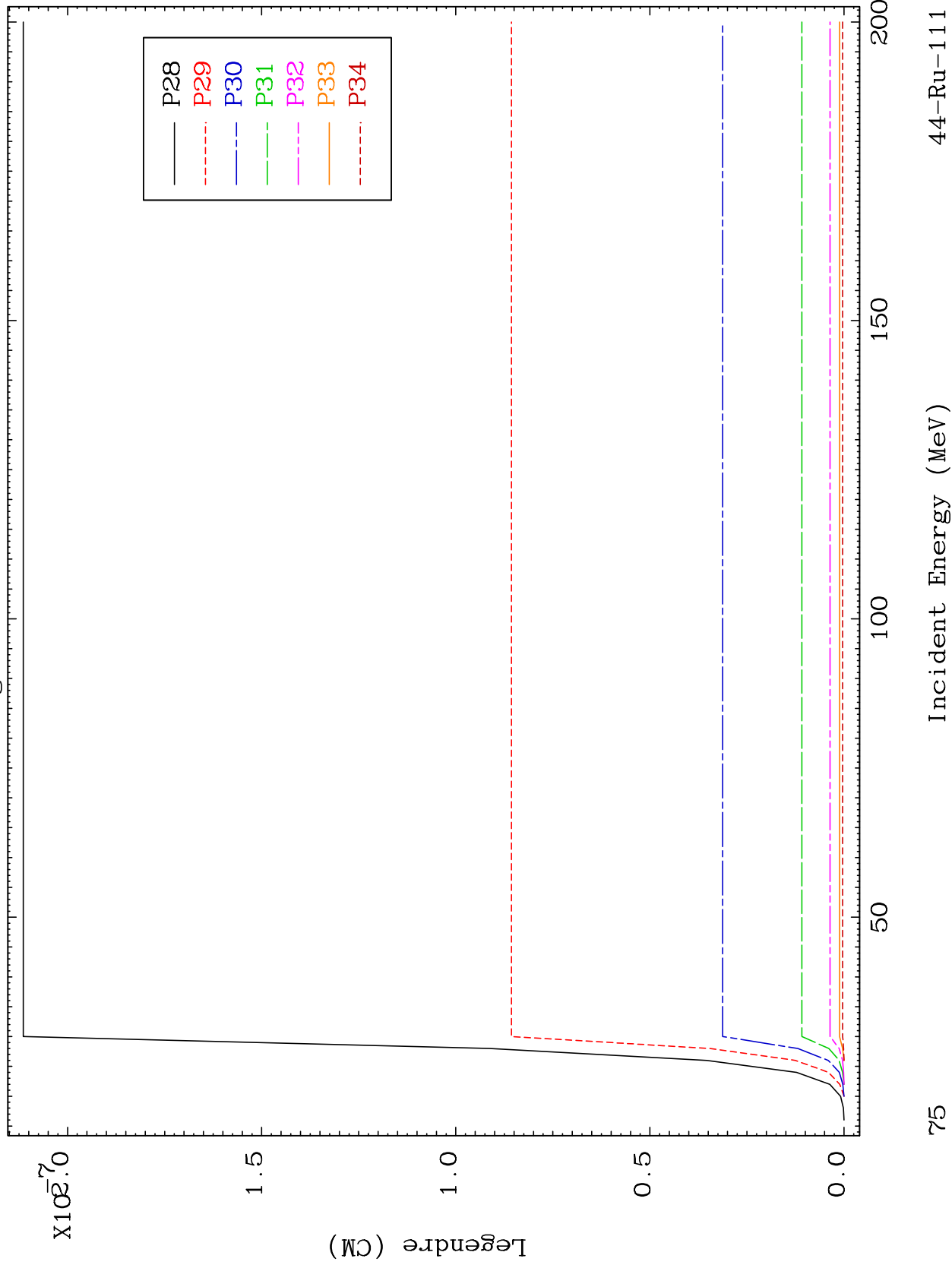
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



75

Incident Energy (MeV)

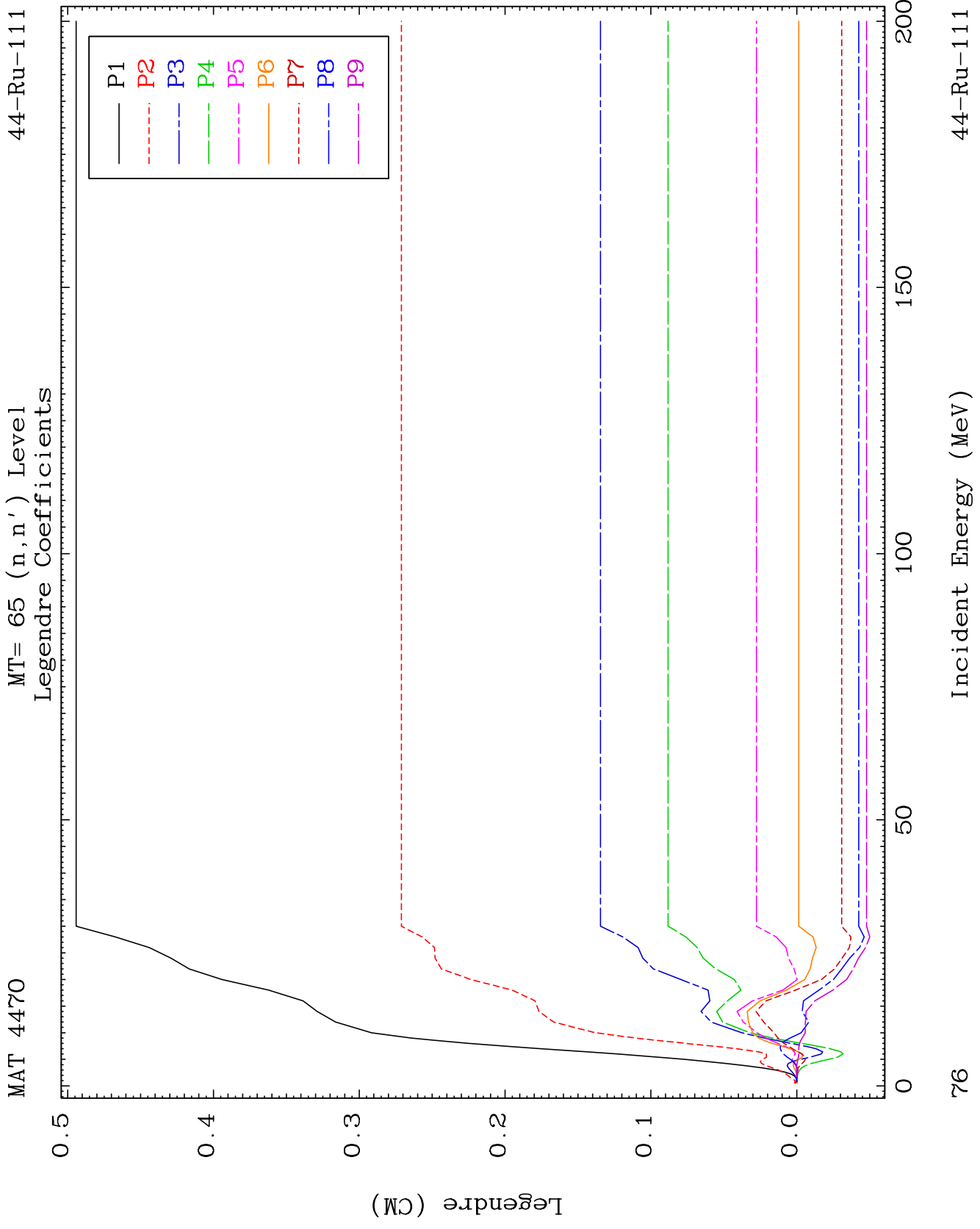
44-Ru-111

200

150

100

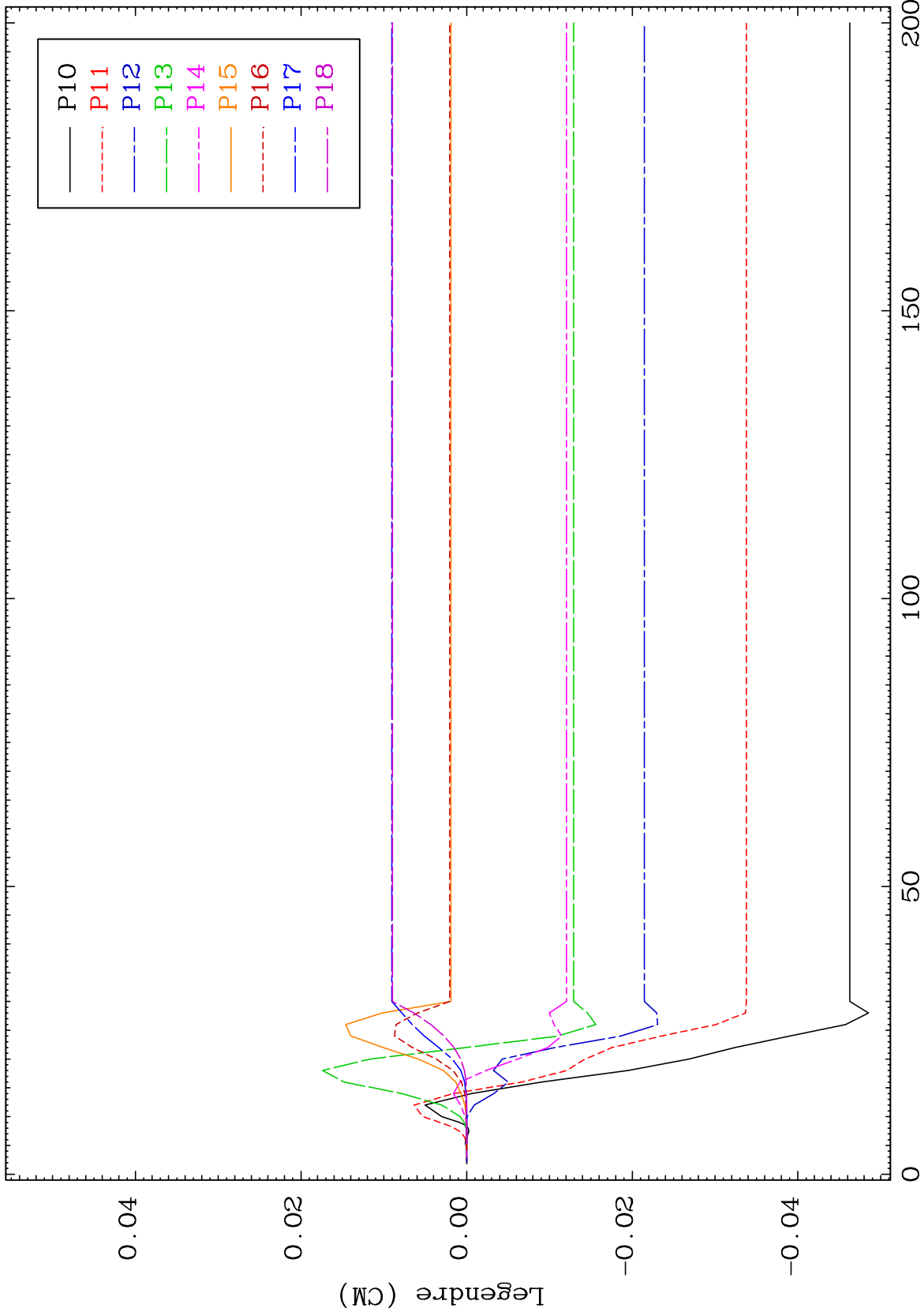
50



MAT 4470

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

44-Ru-111



77

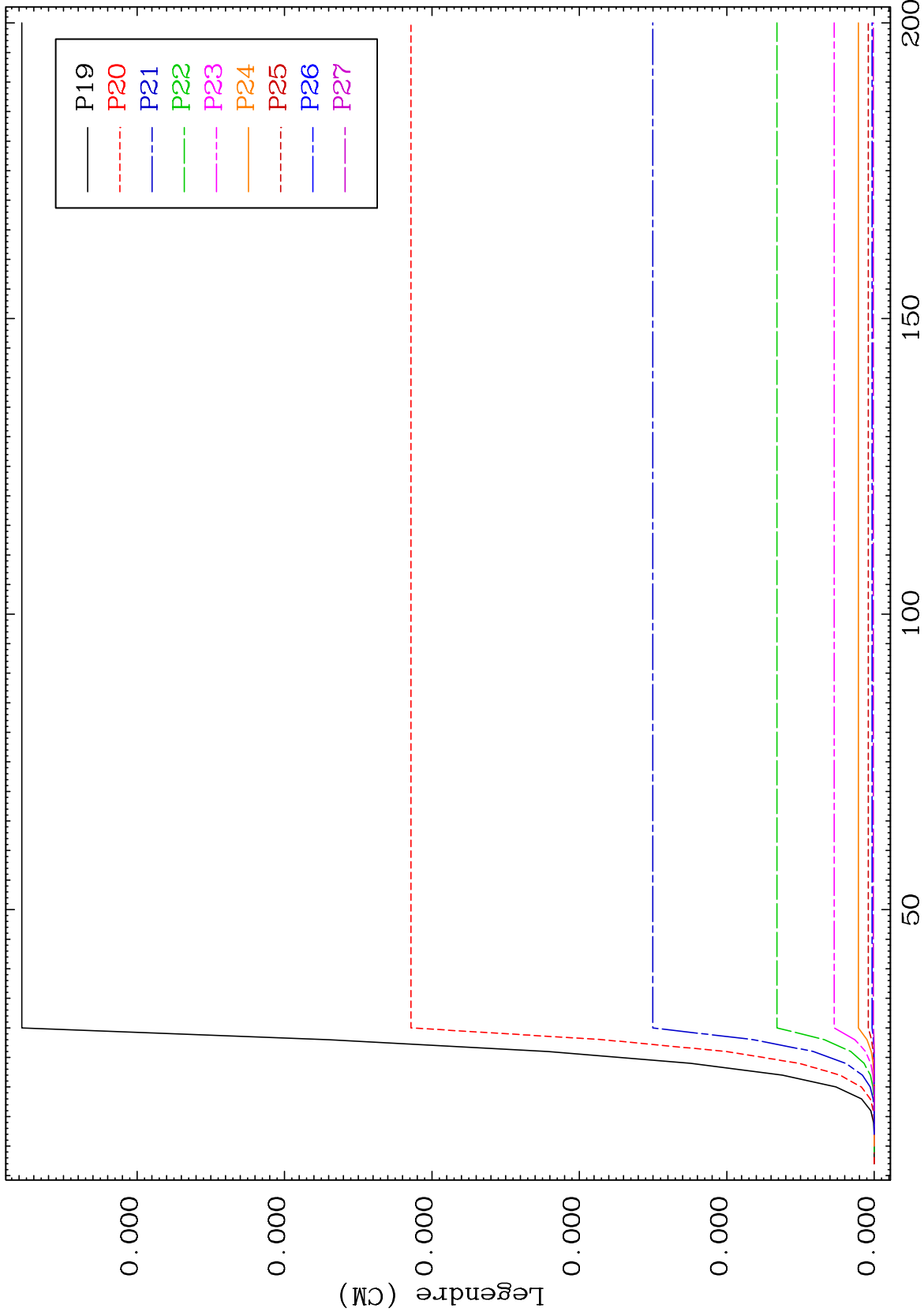
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



78

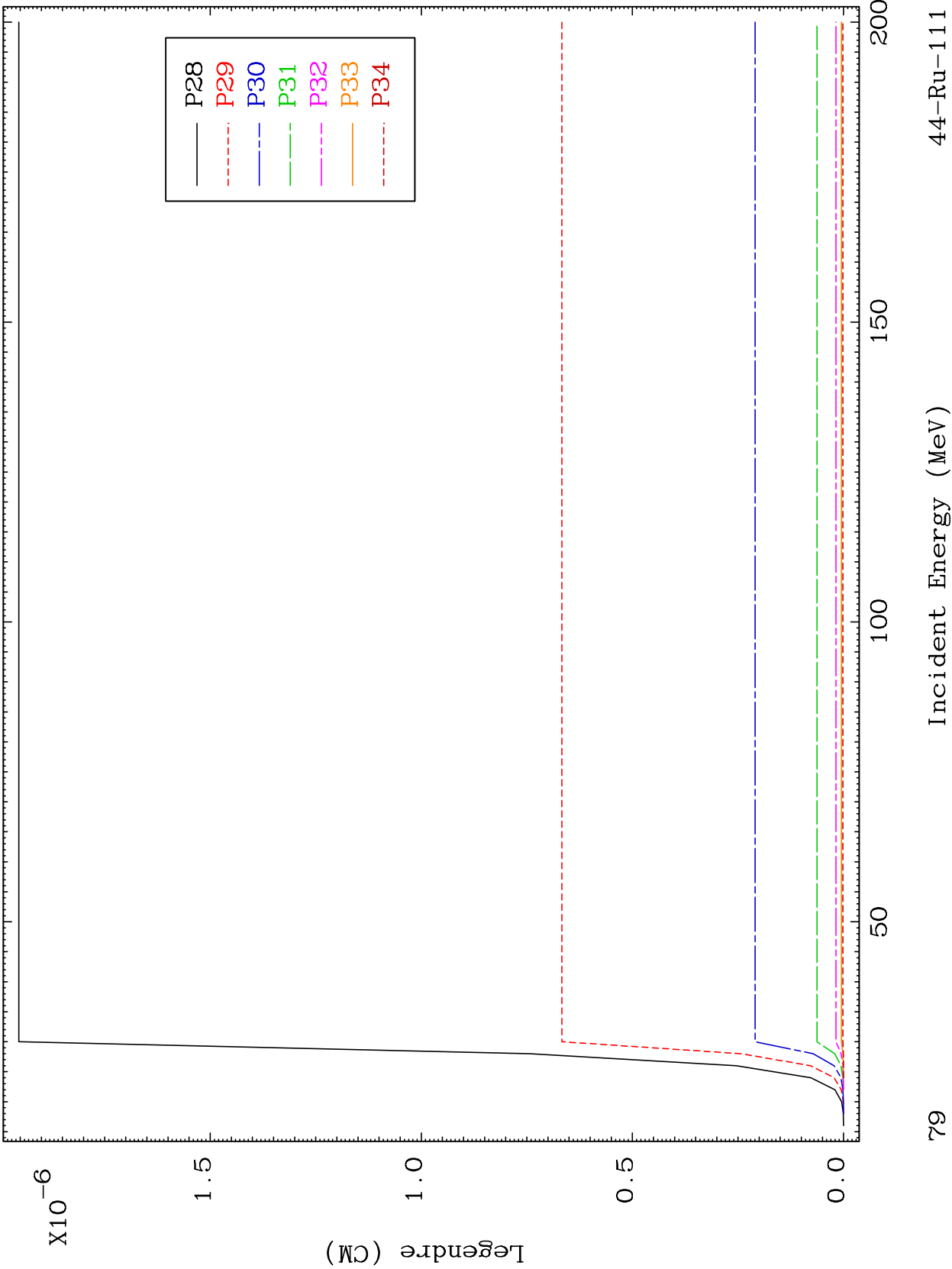
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



79

Incident Energy (MeV)

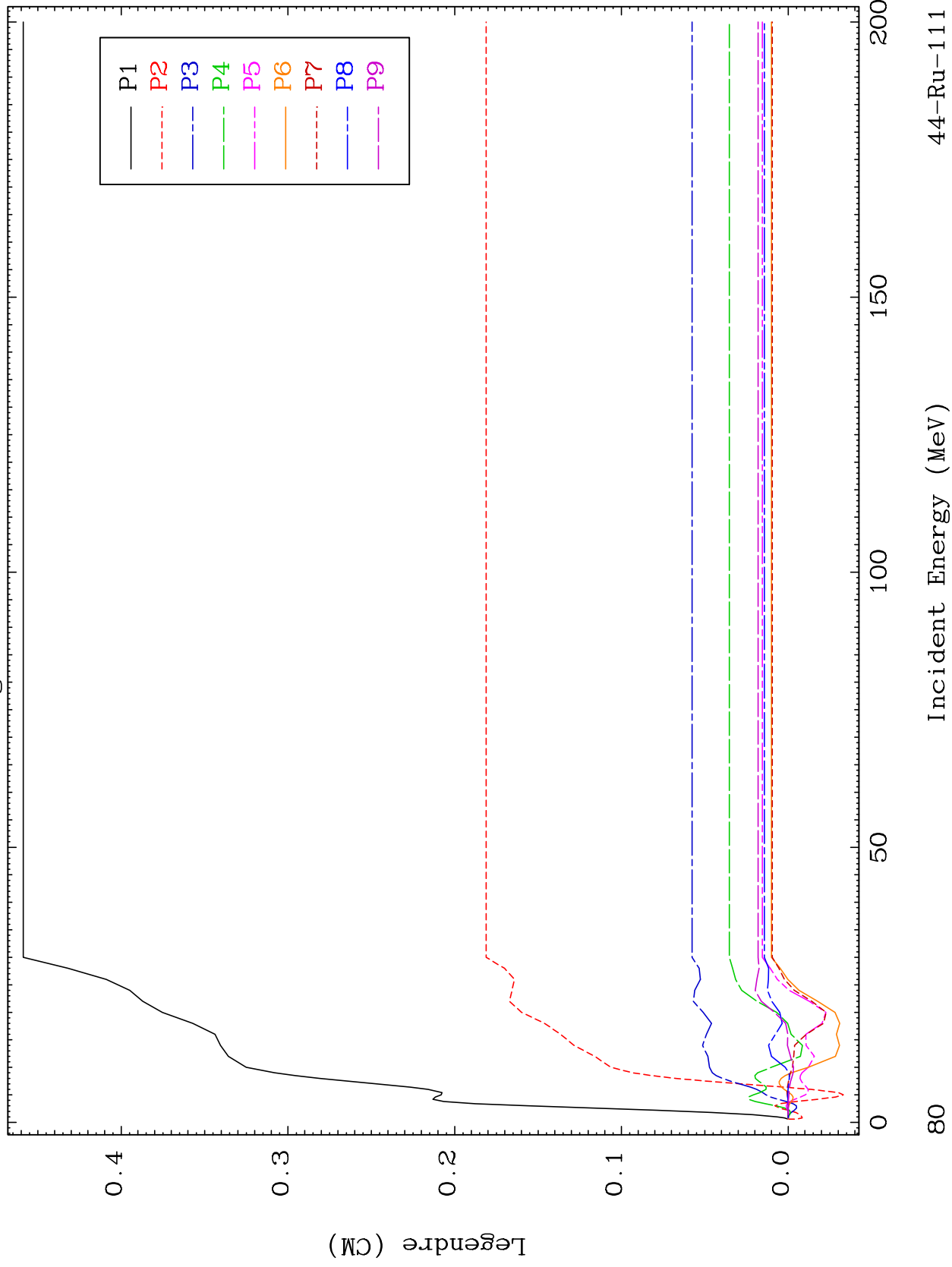
44-Ru-111



MAT 4470

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

44-Ru-111

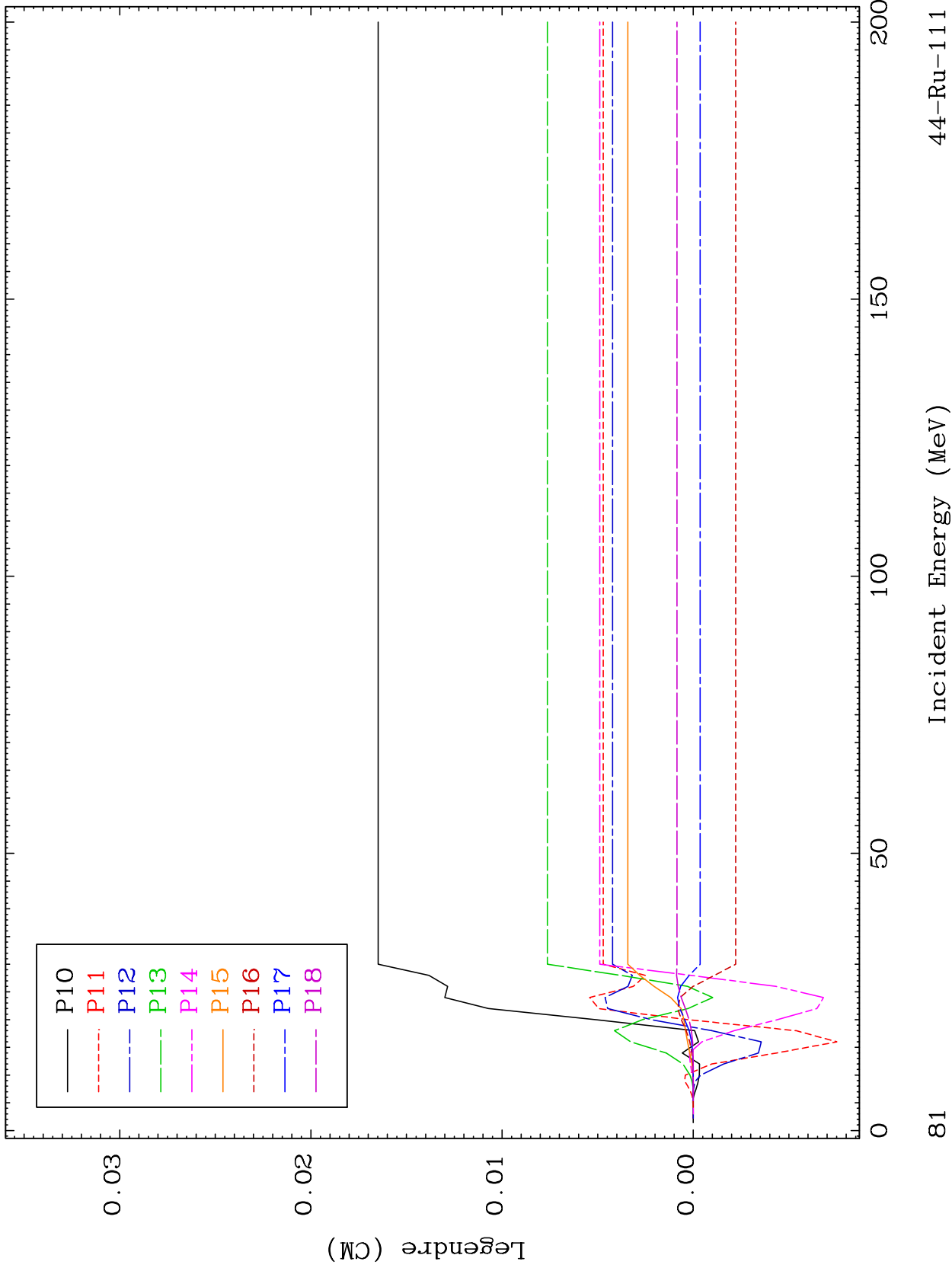


44-Ru-111

MAT 4470

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

44-Ru-111



81

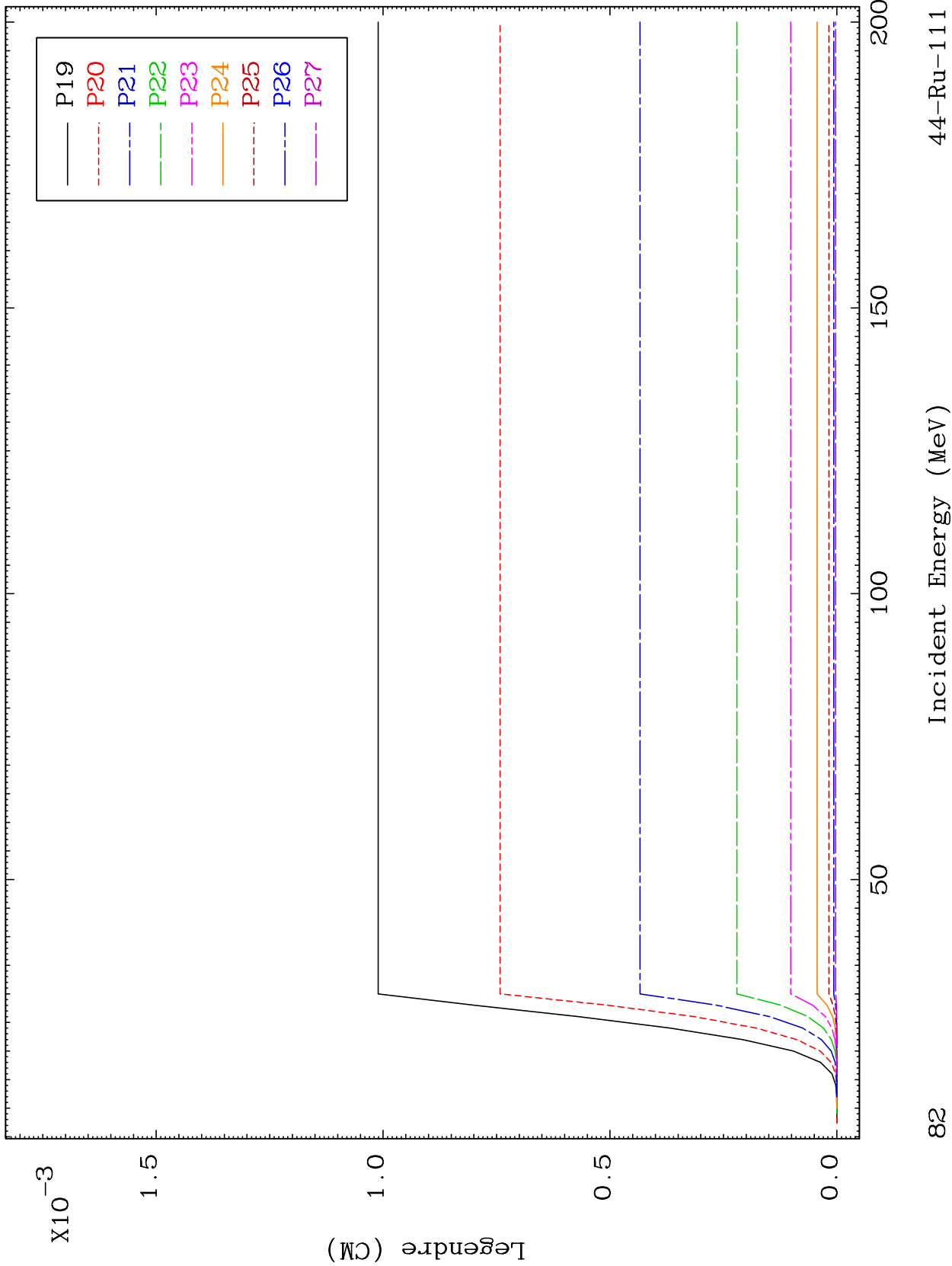
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

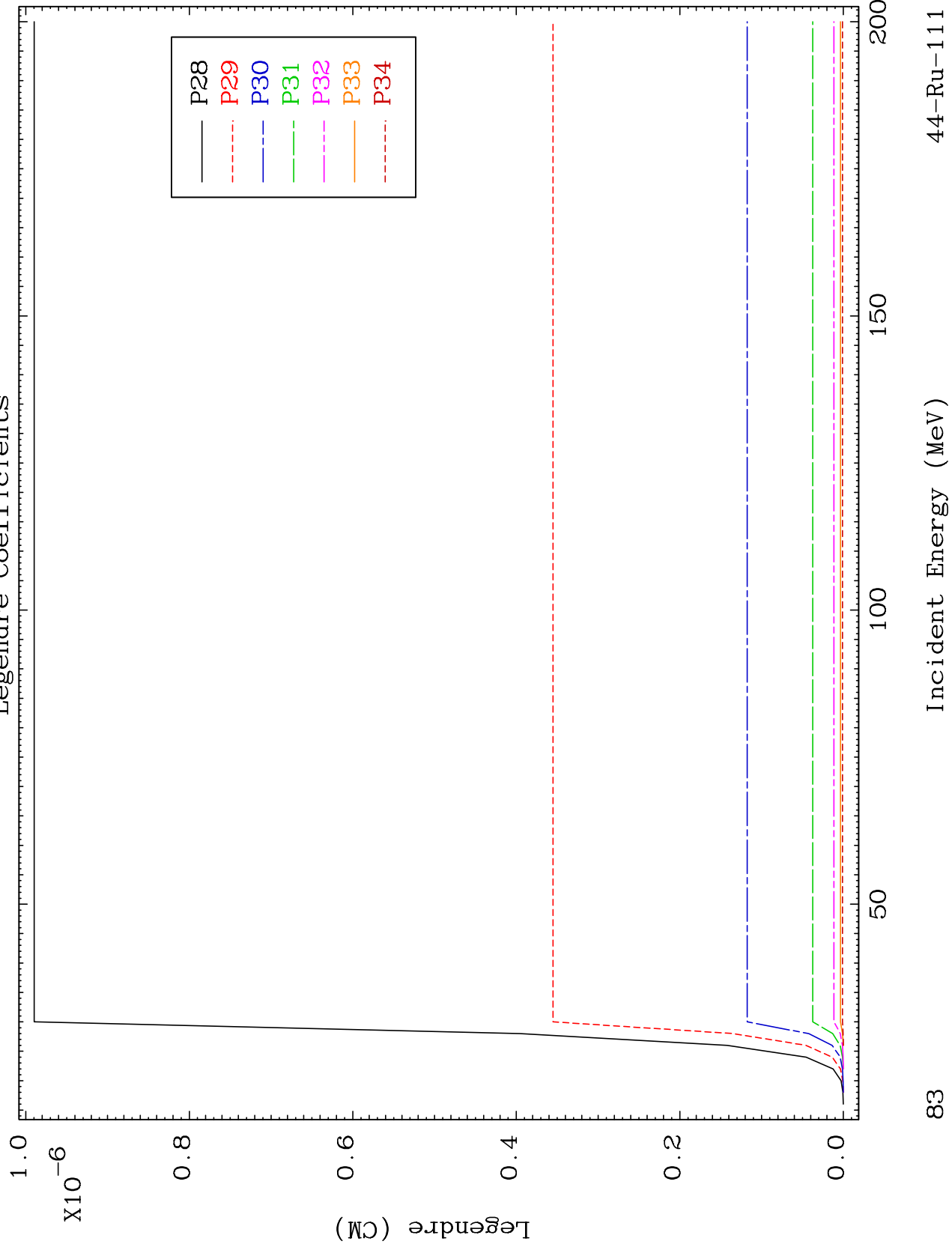
44-Ru-111



MAT 4470

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

44-Ru-111

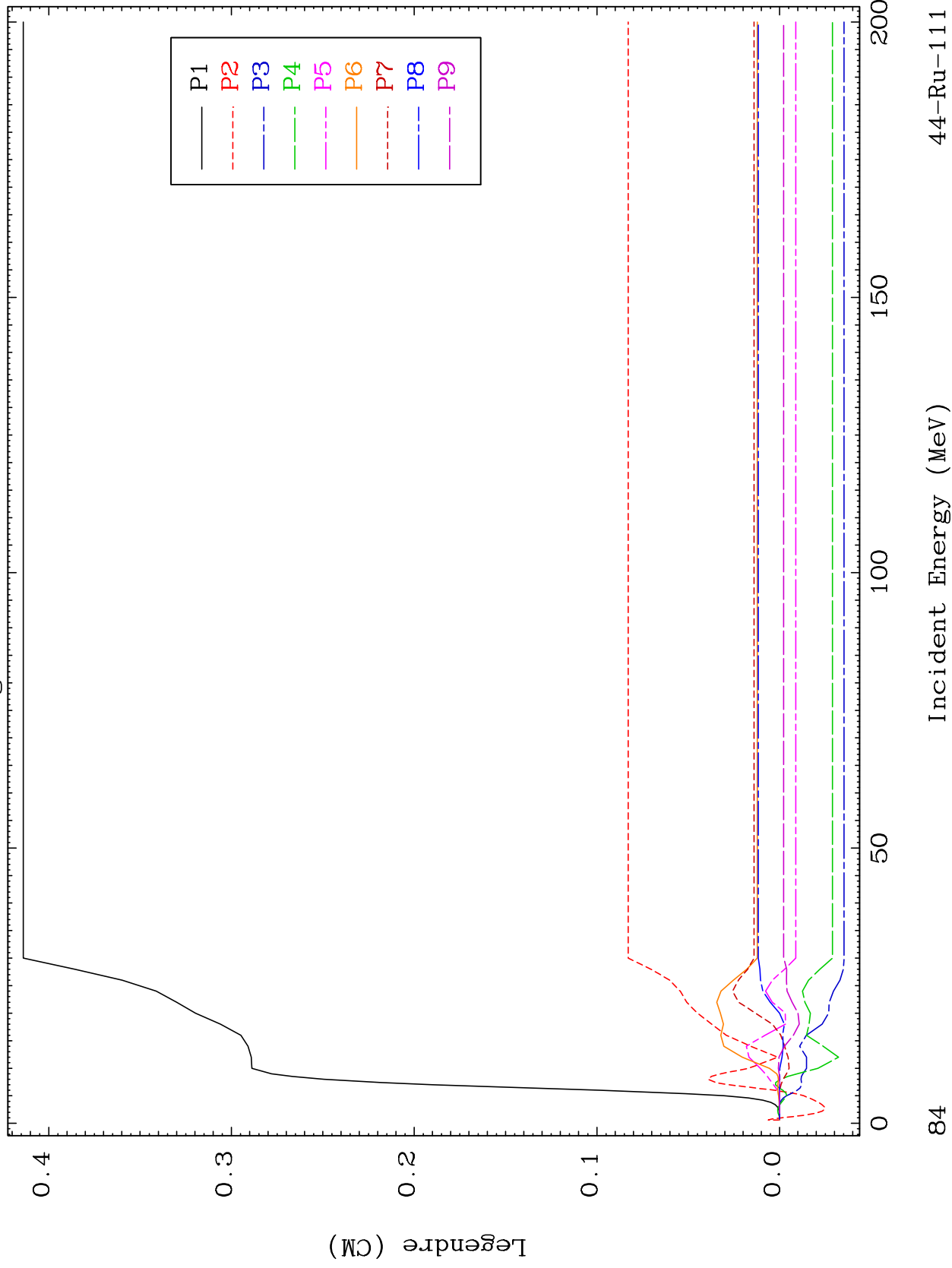


83

MAT 4470

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

44-Ru-111



44-Ru-111

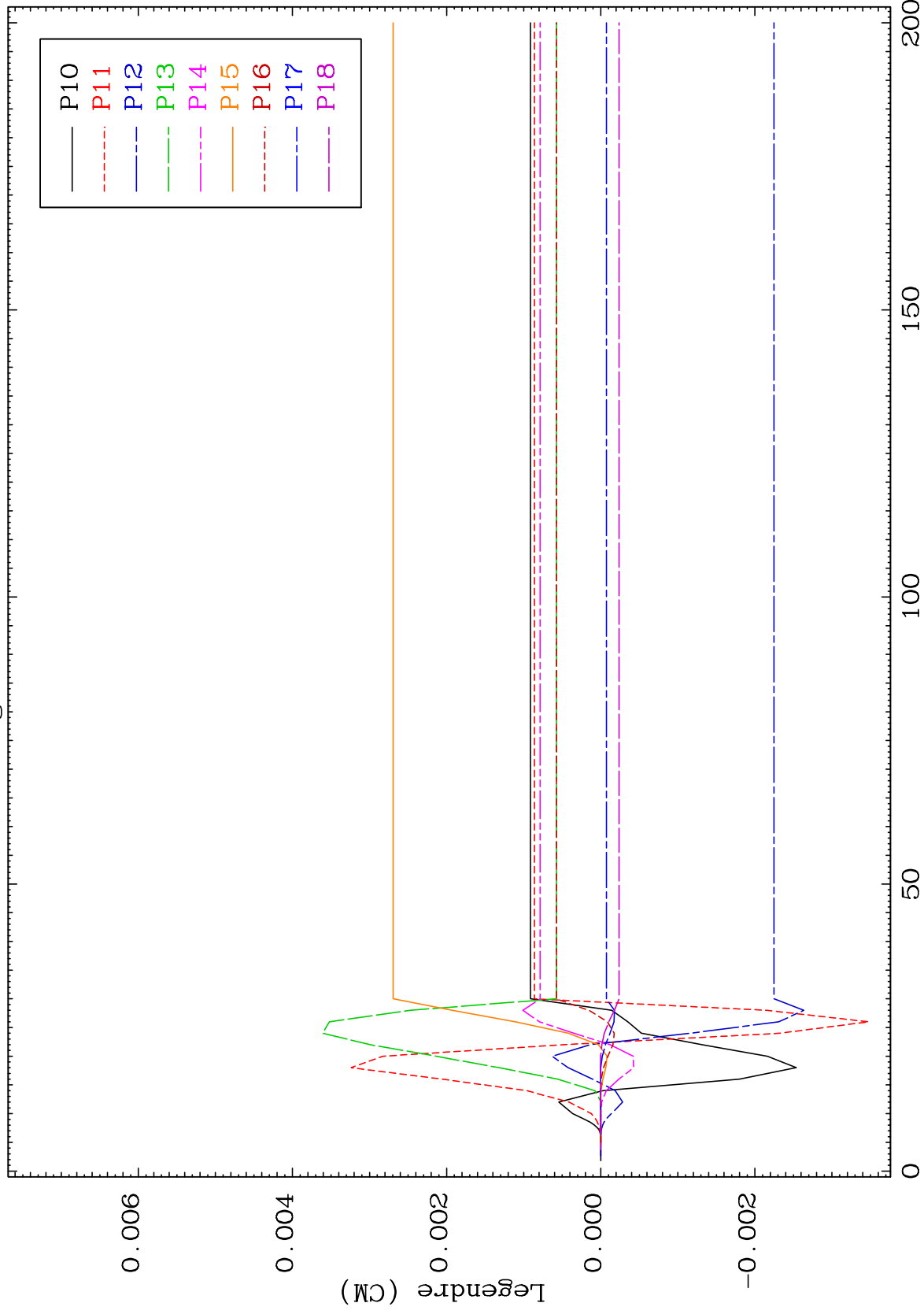
Incident Energy (MeV)

84

MAT 4470

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

44-Ru-111



85

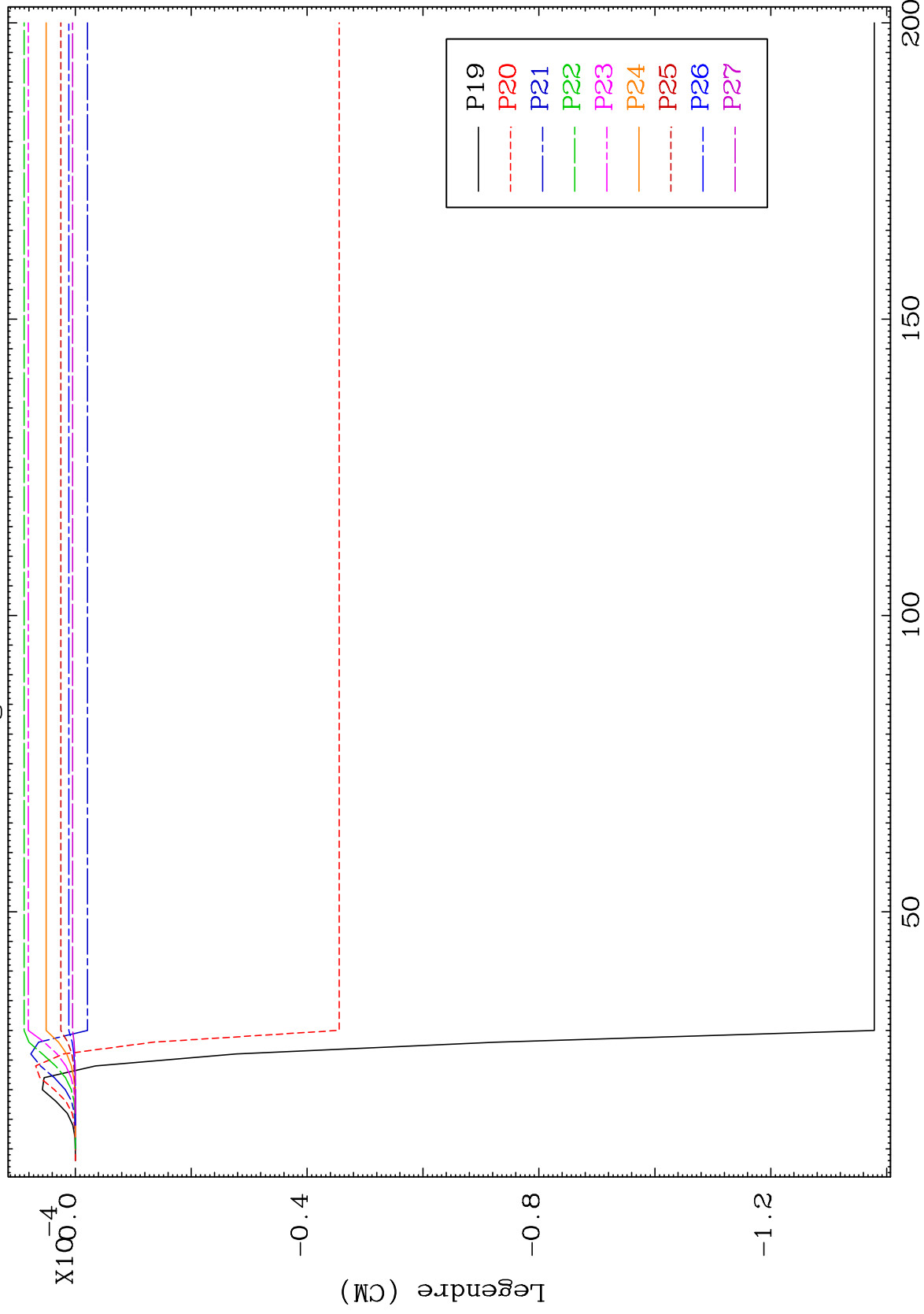
Incident Energy (MeV)

44-Ru-111

MAT 4470

44-Ru-111

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



86

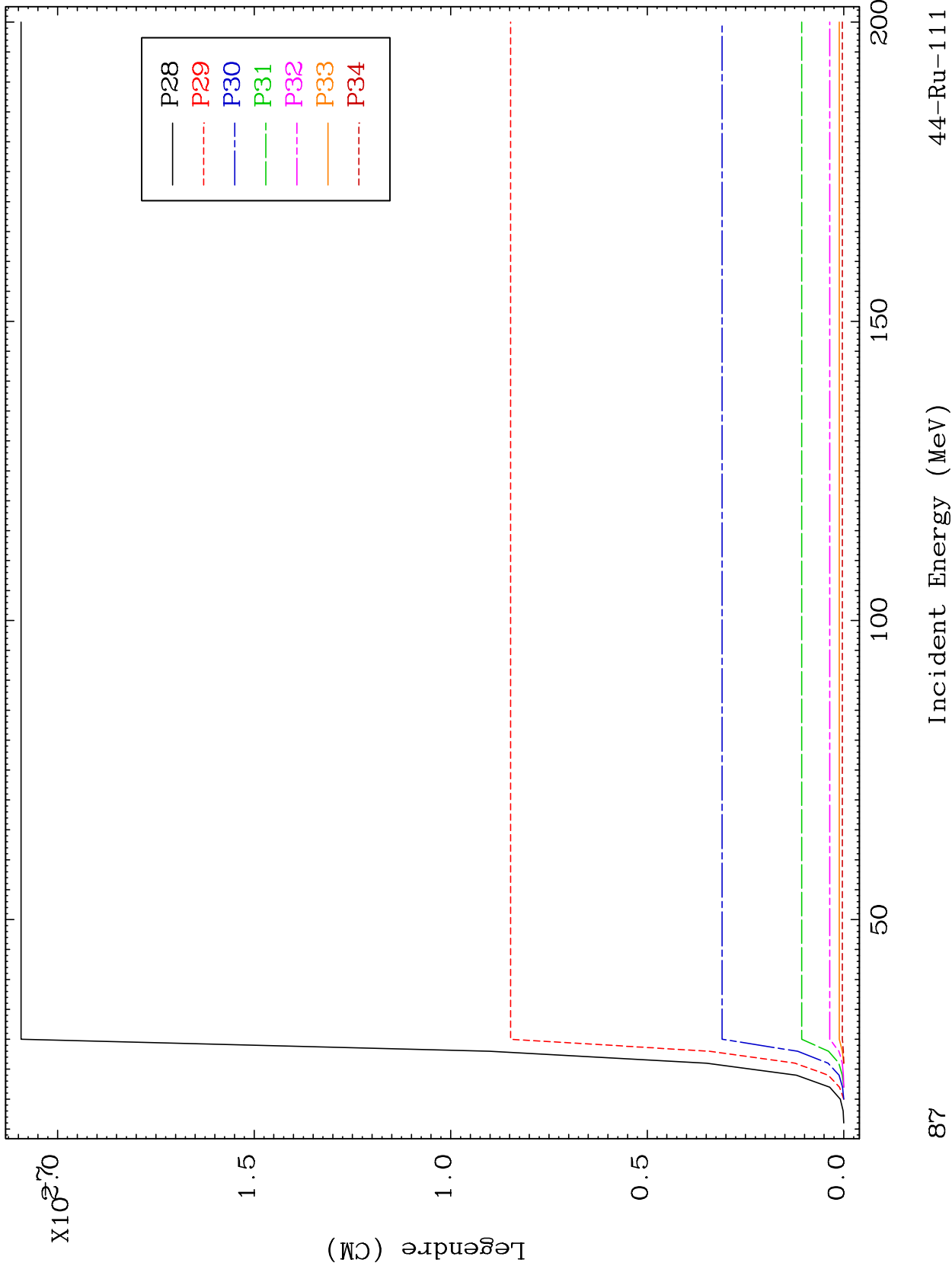
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

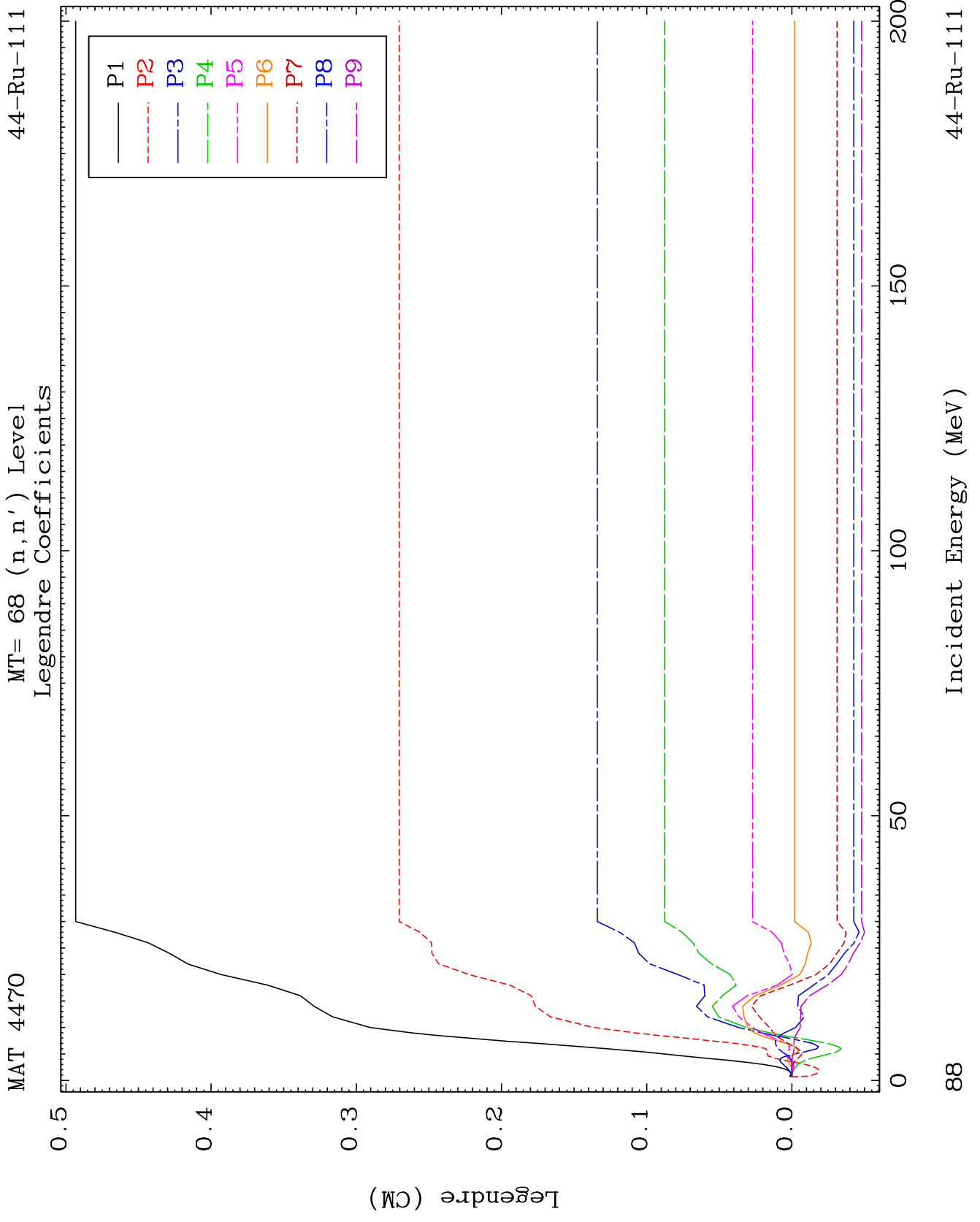


87

Incident Energy (MeV)

44-Ru-111

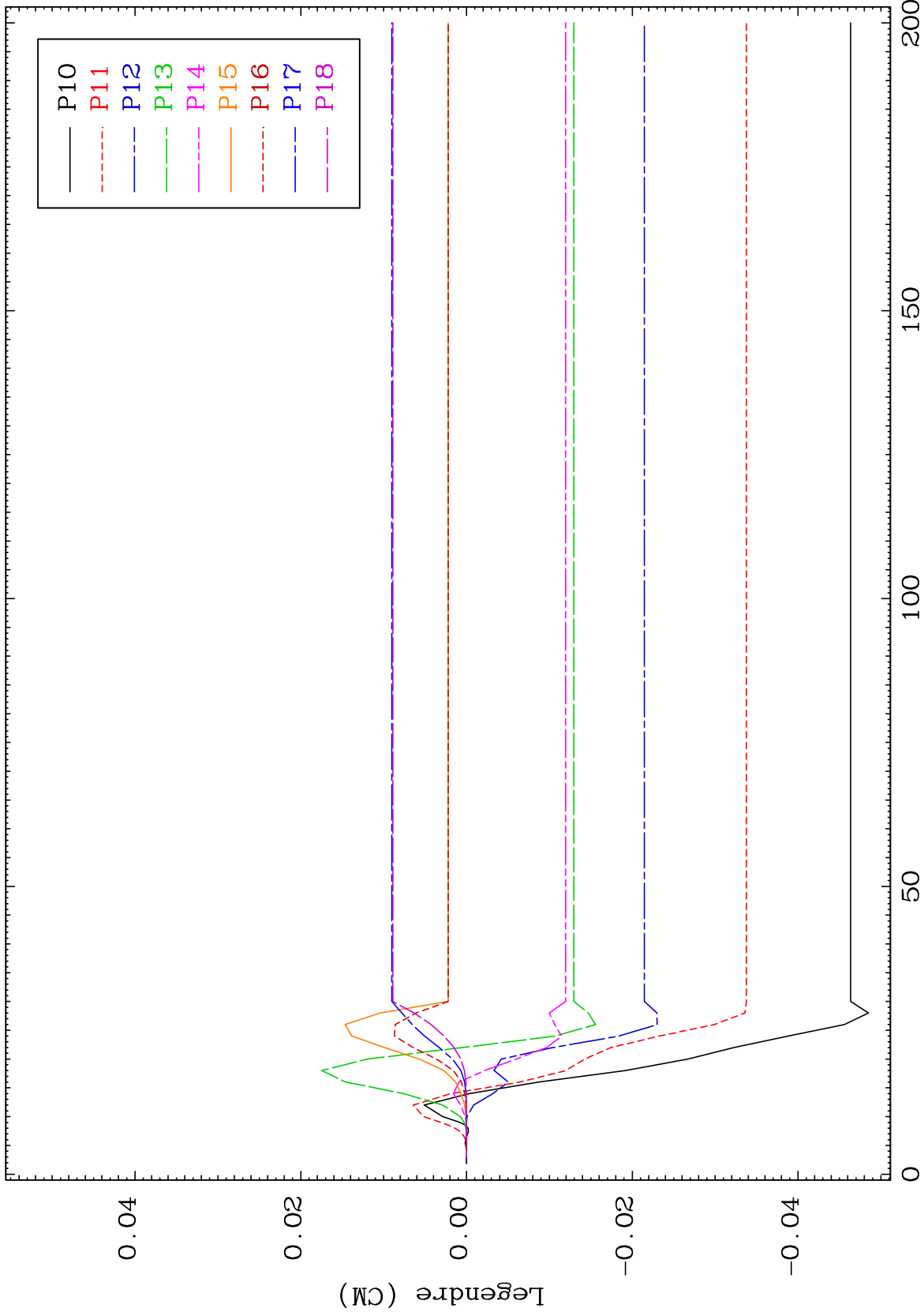




MAT 4470

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

44-Ru-111



89

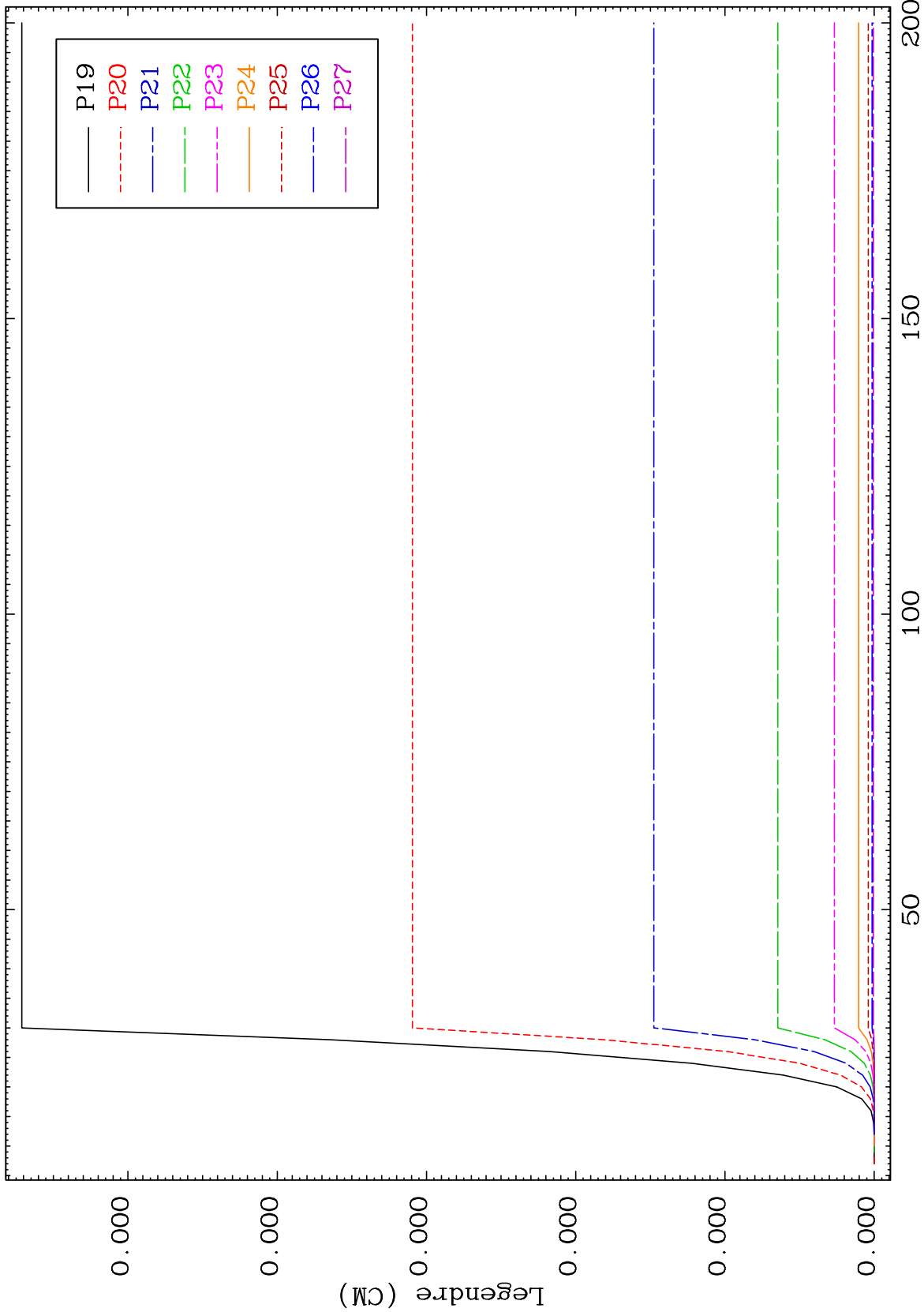
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



90

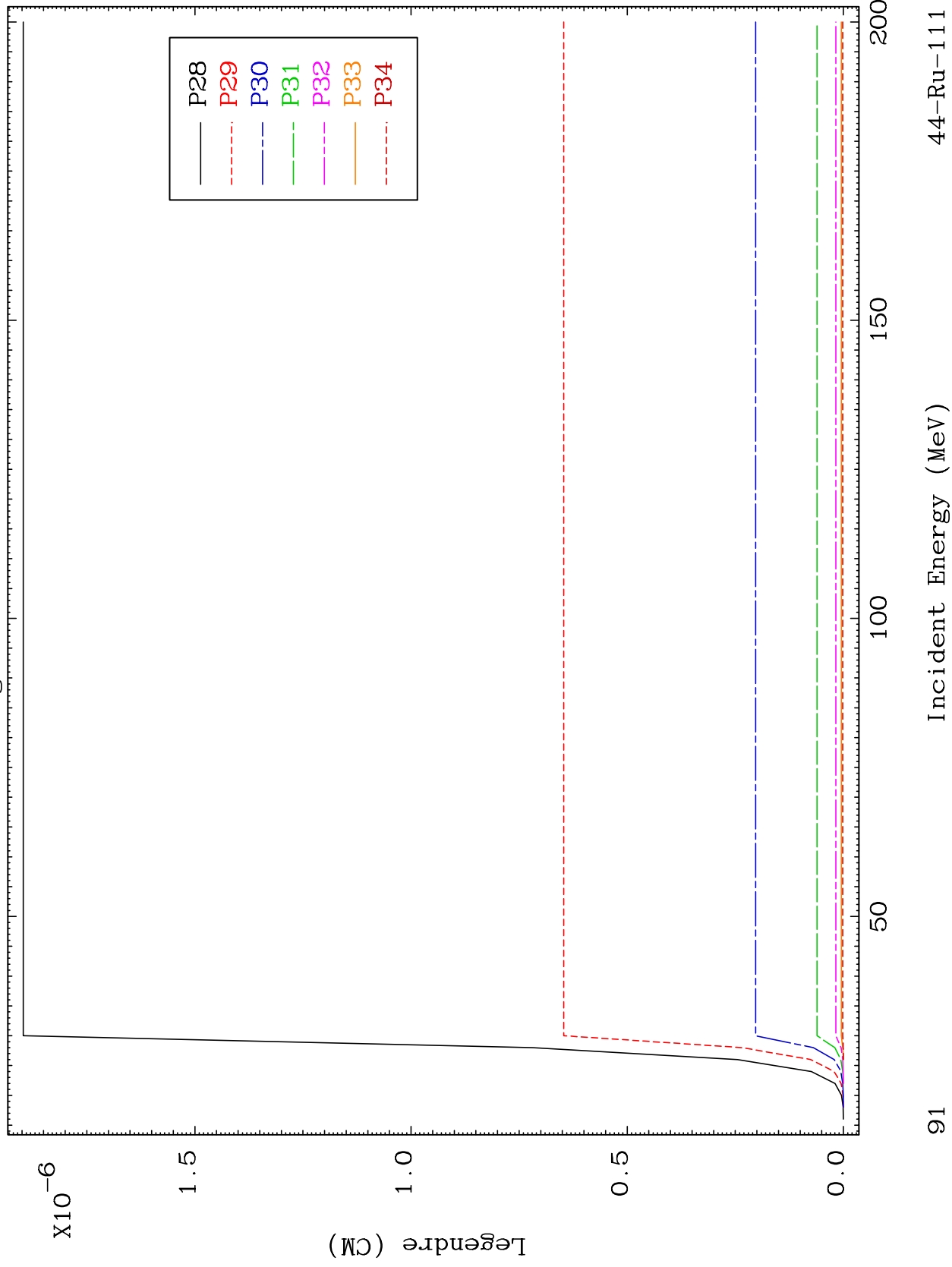
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

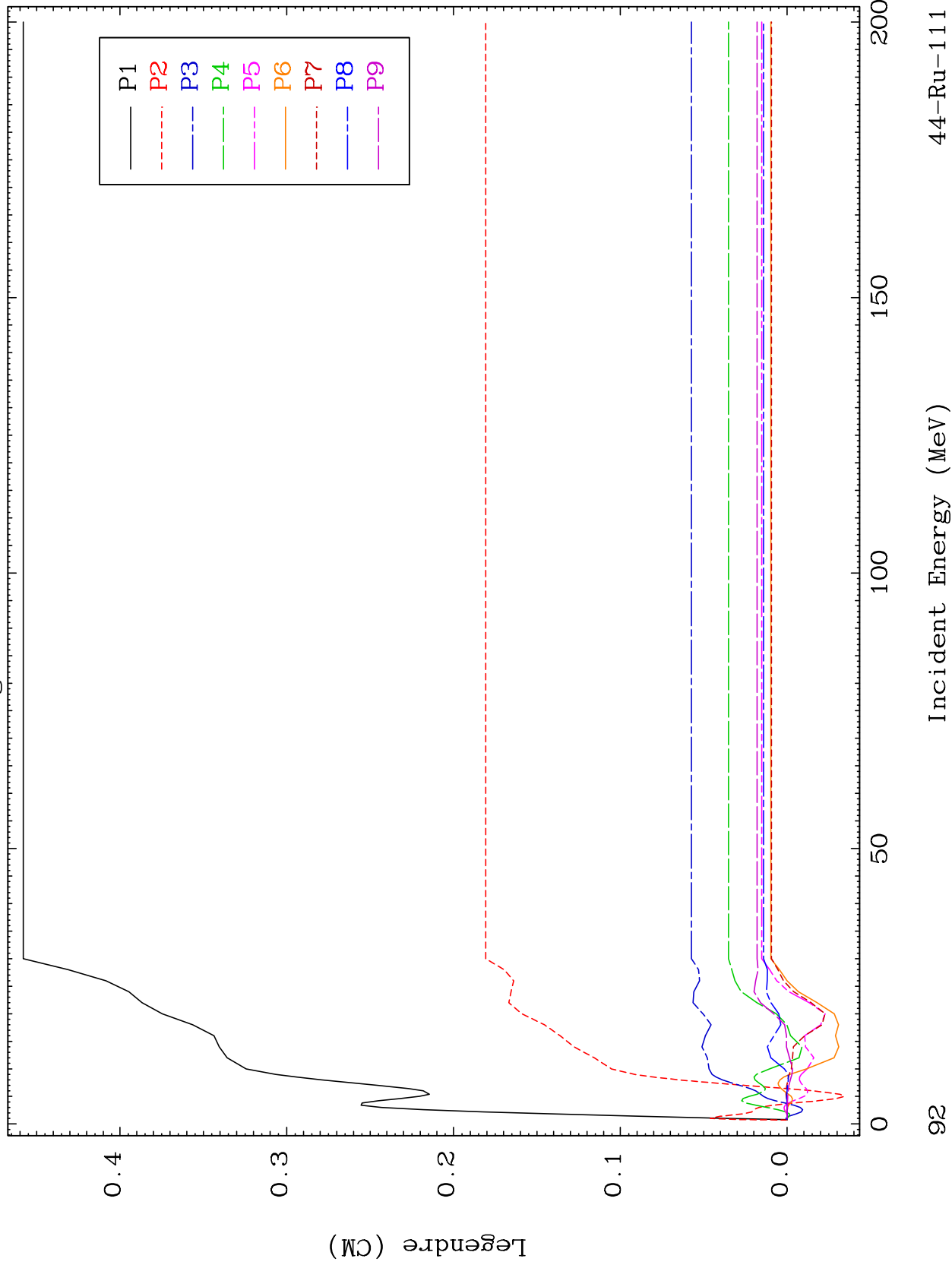
44-Ru-111



MAT 4470

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

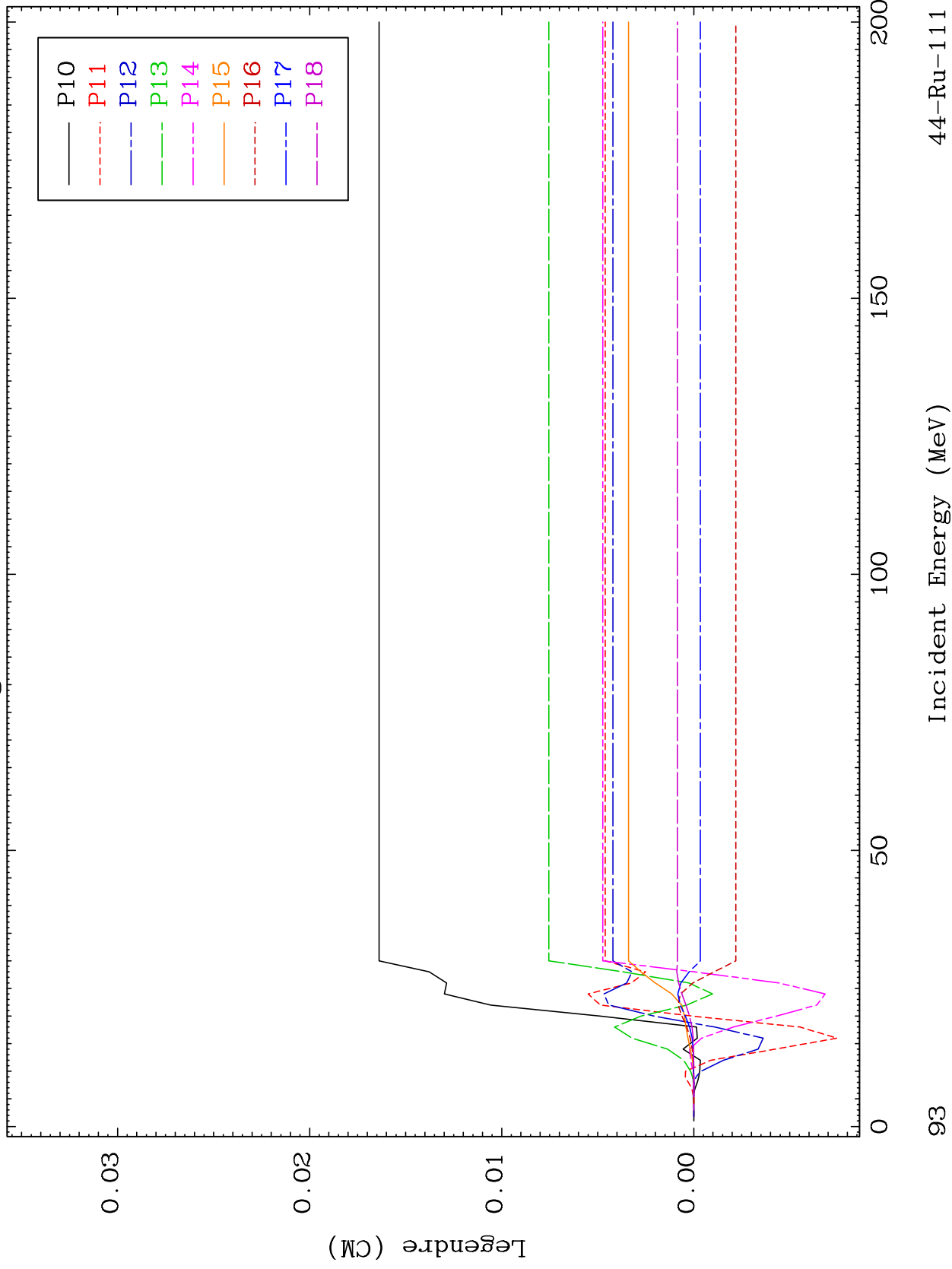
44-Ru-111



MAT 4470

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

44-Ru-111



93

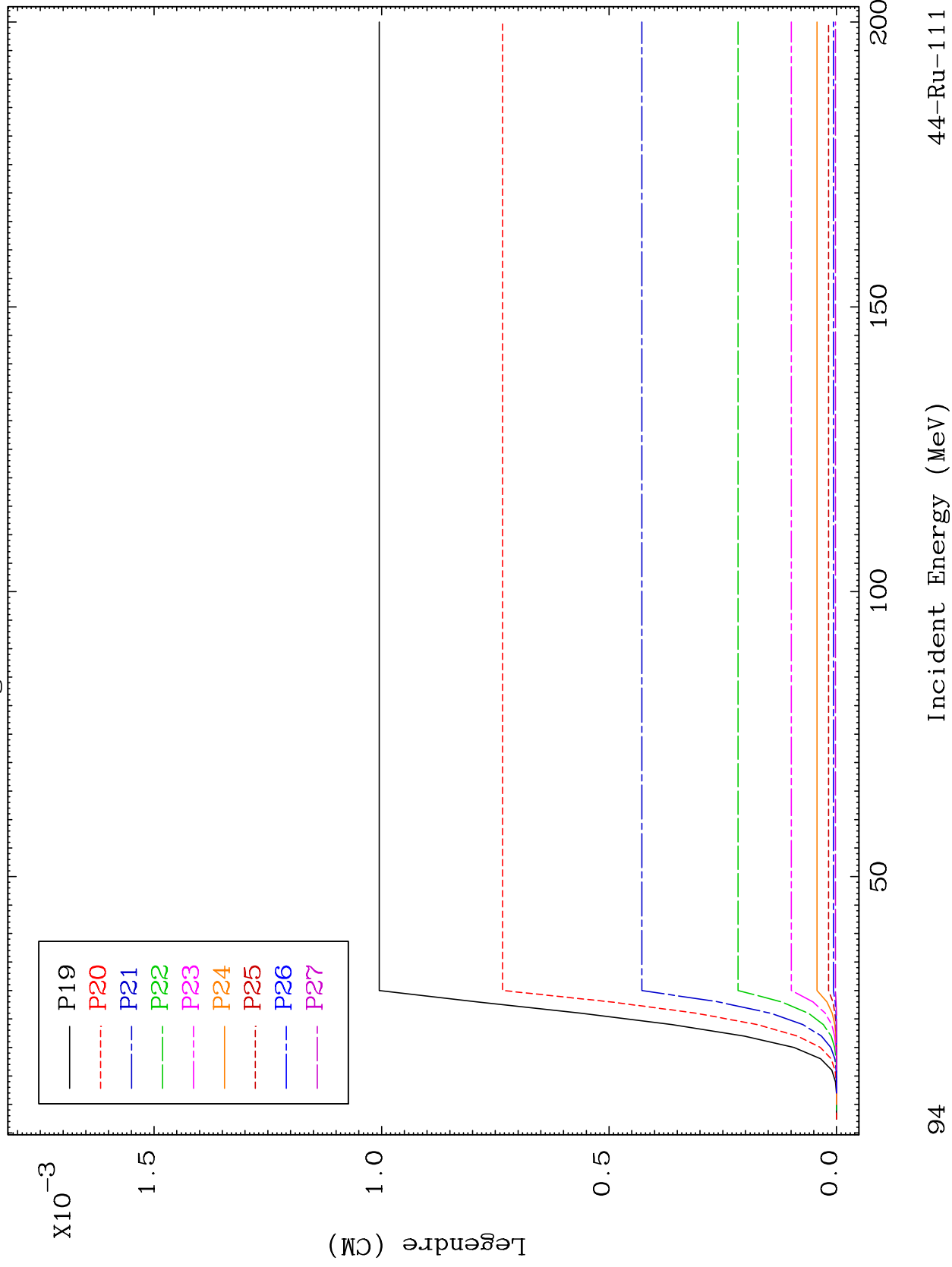
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



94

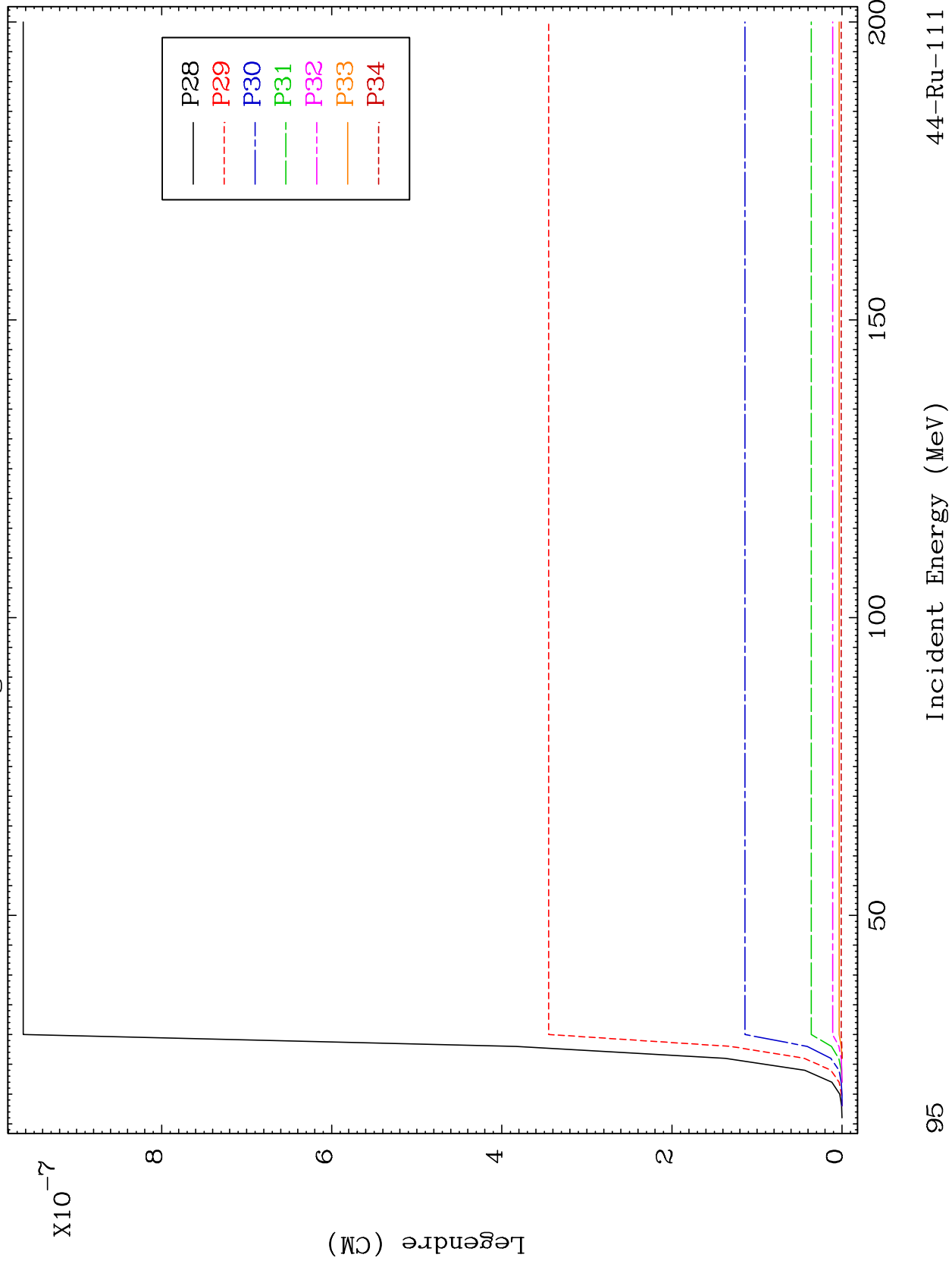
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44-Ru-111

Incident Energy (MeV)

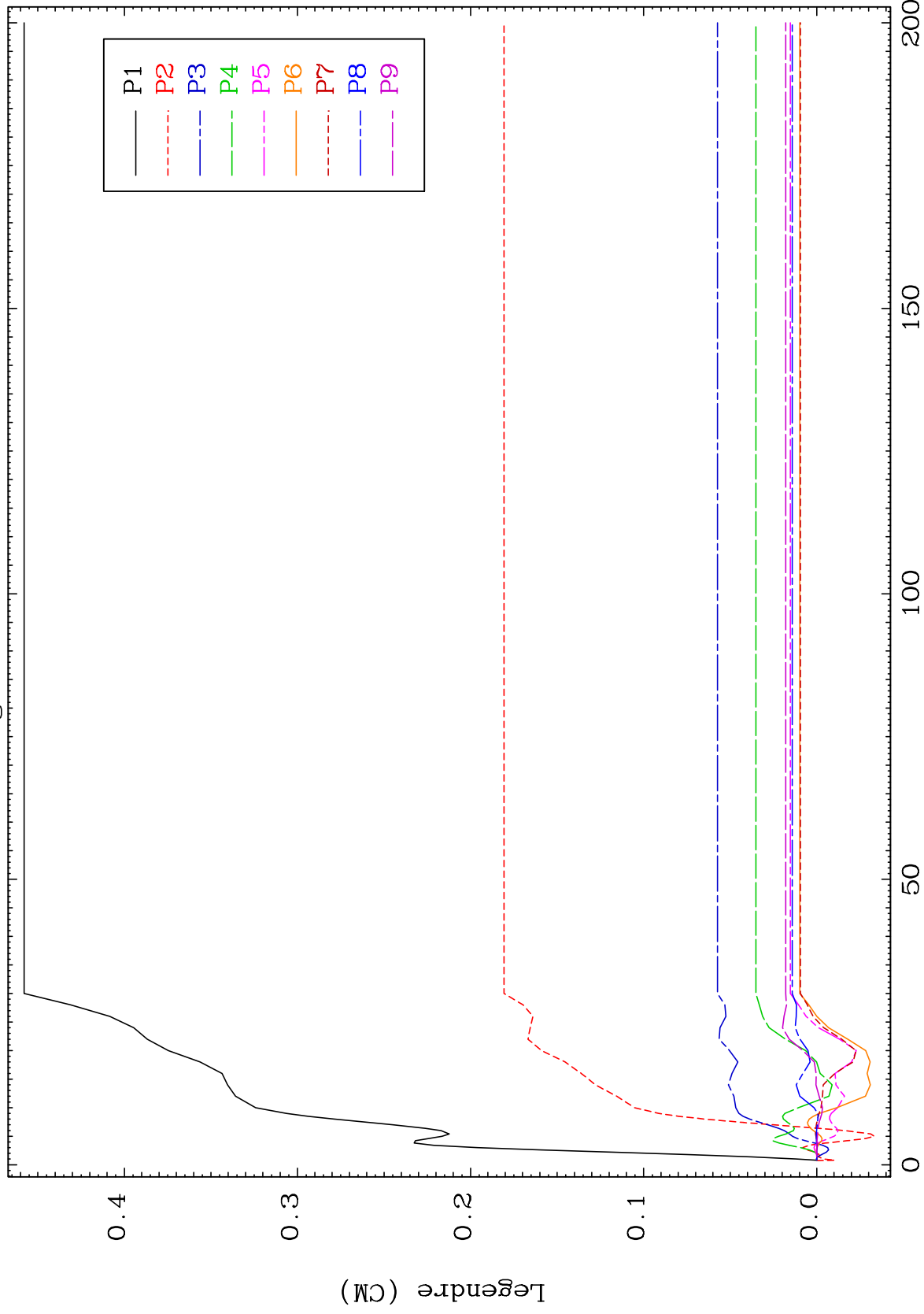
95



MAT 4470

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

44-Ru-111



96

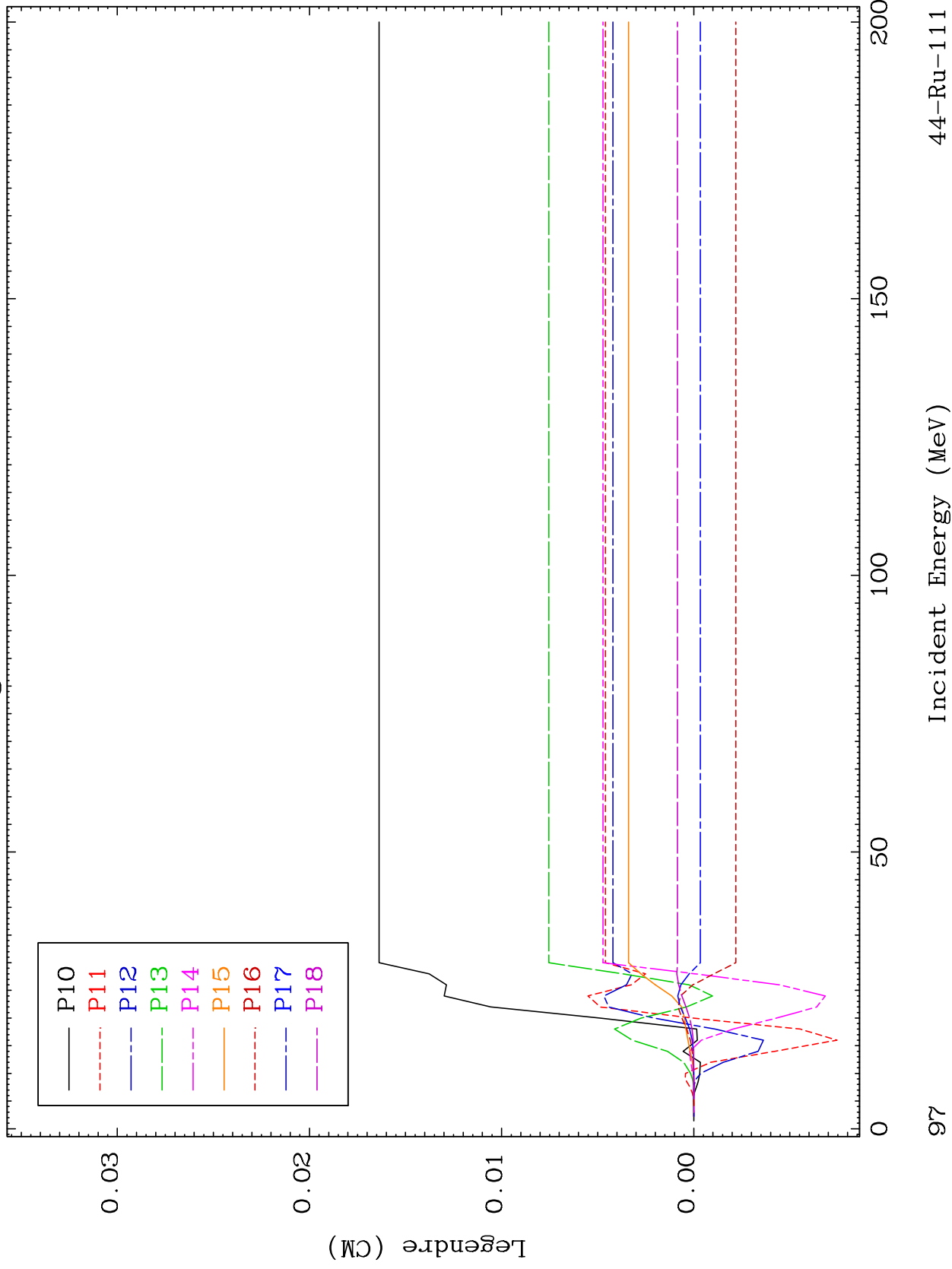
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



97

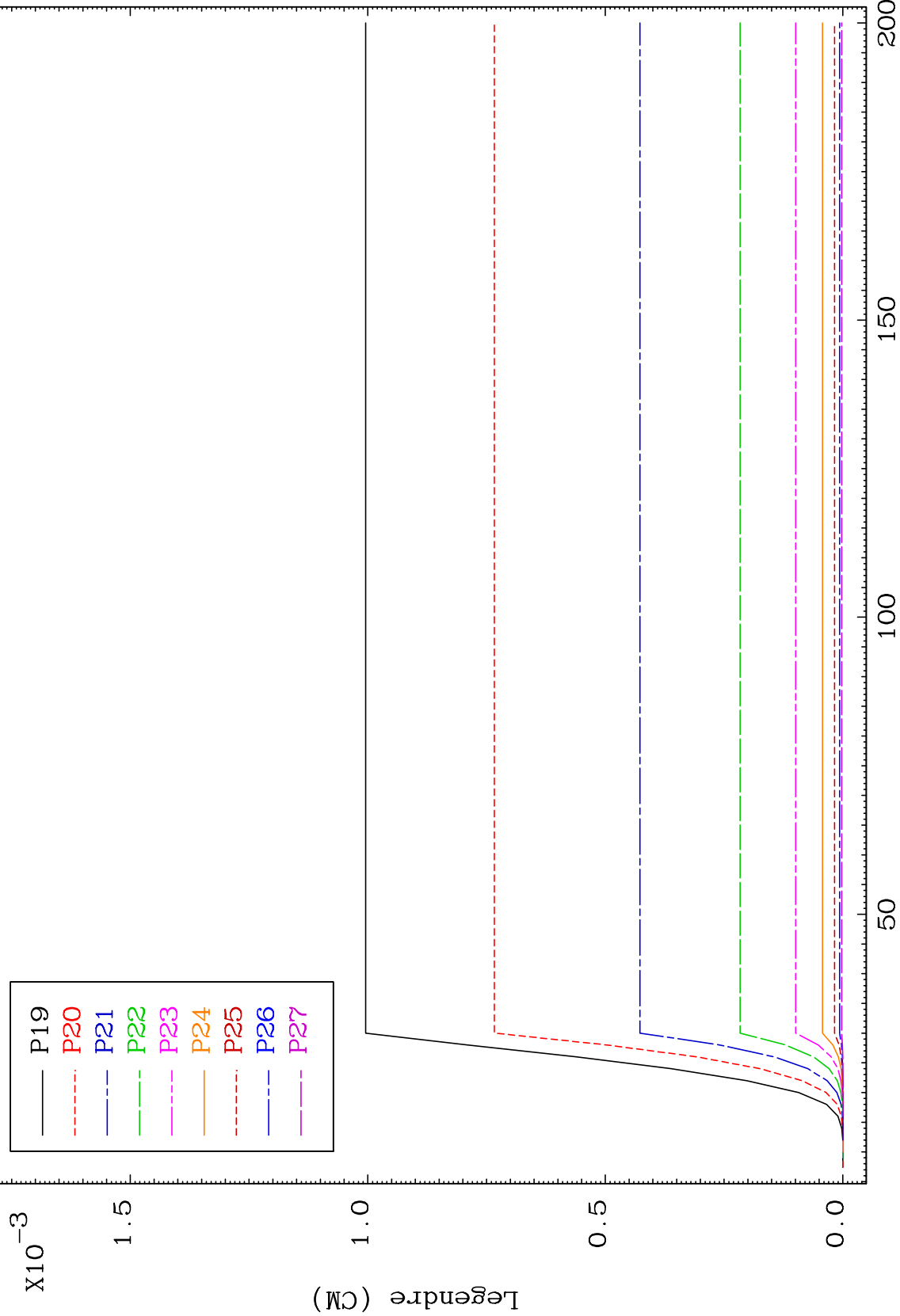
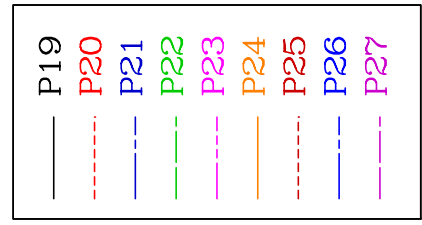
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



98

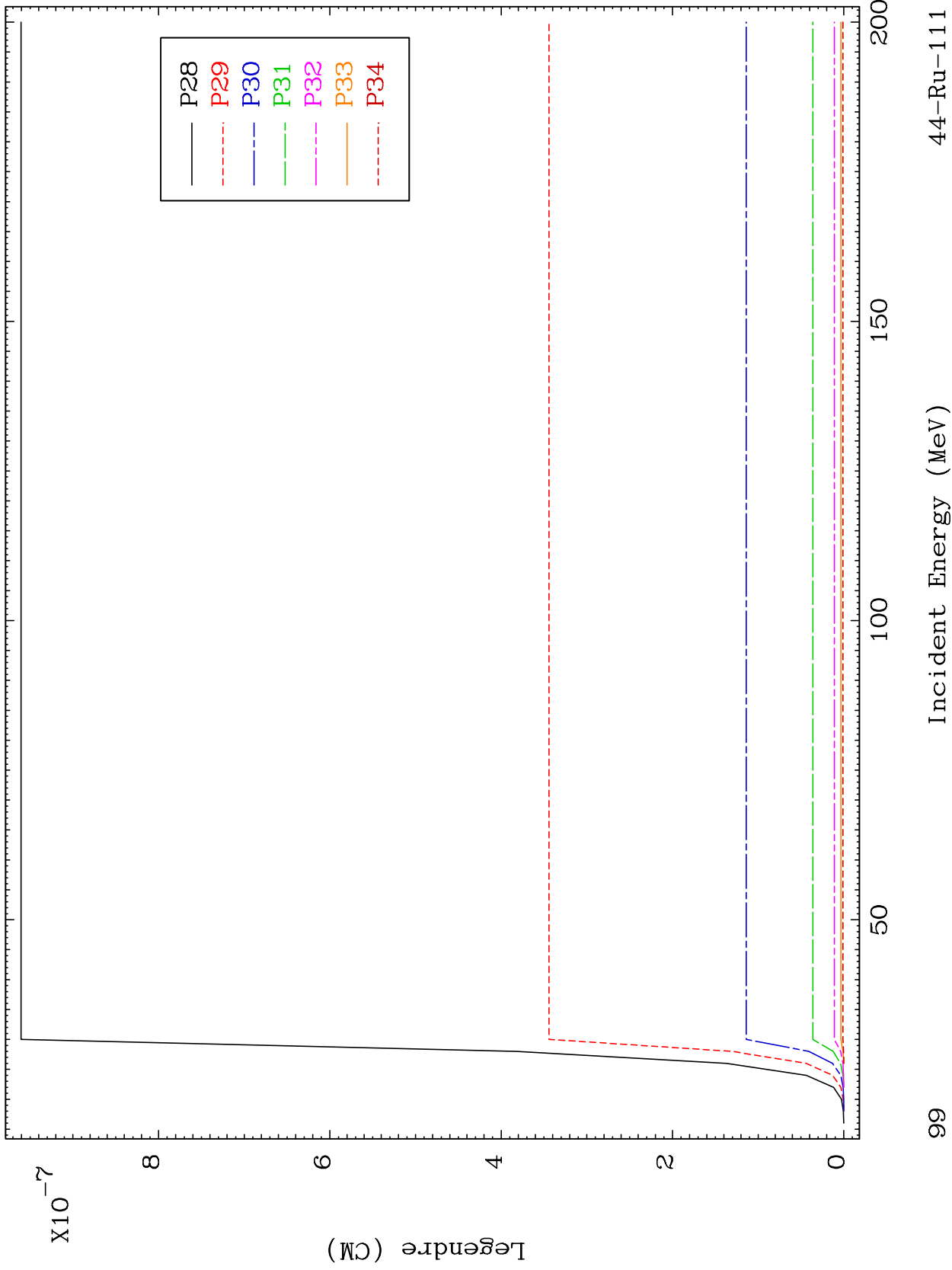
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

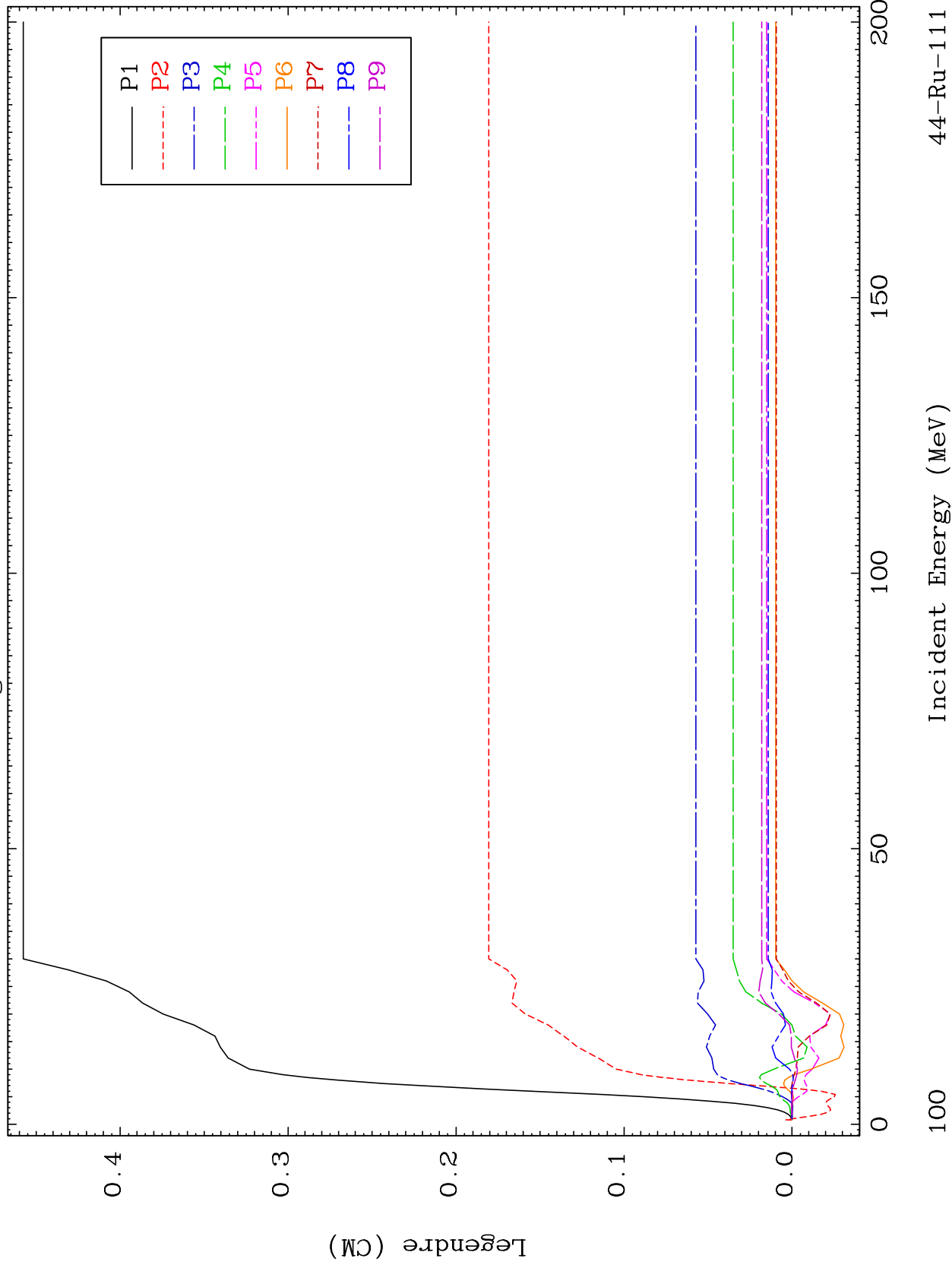
44-Ru-111



MAT 4470

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

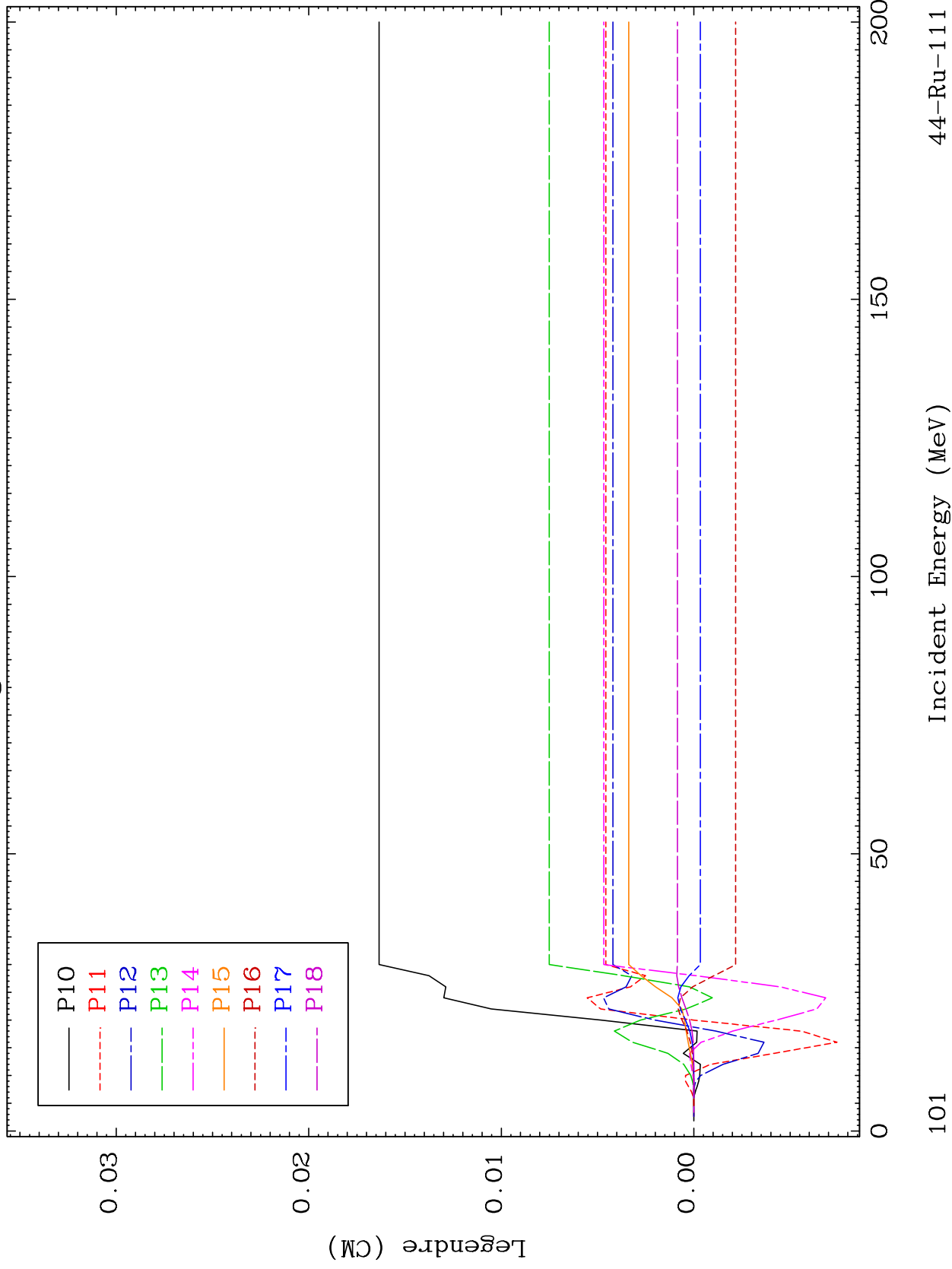
44-Ru-111



MAT 4470

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

44-Ru-111



101

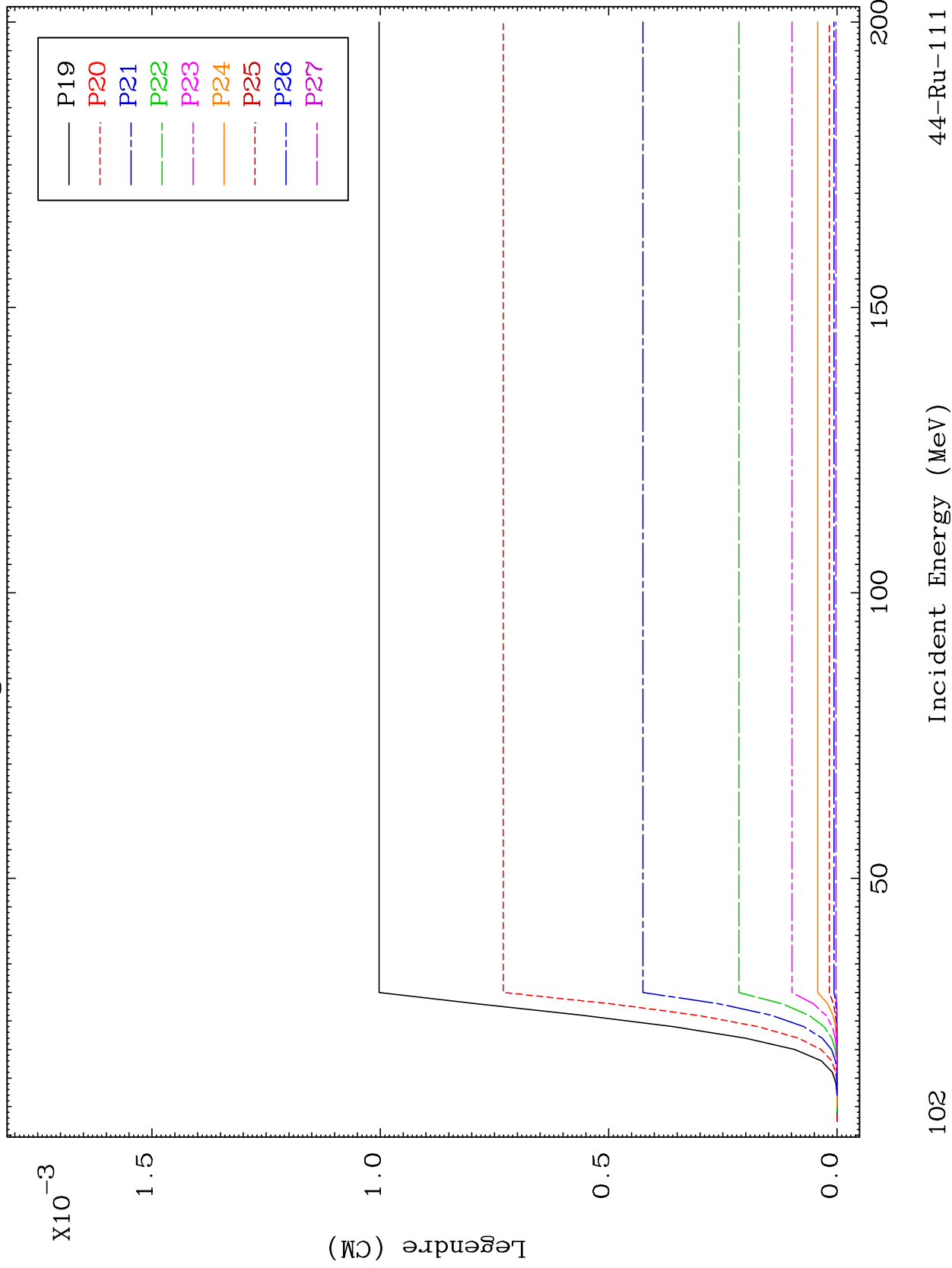
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

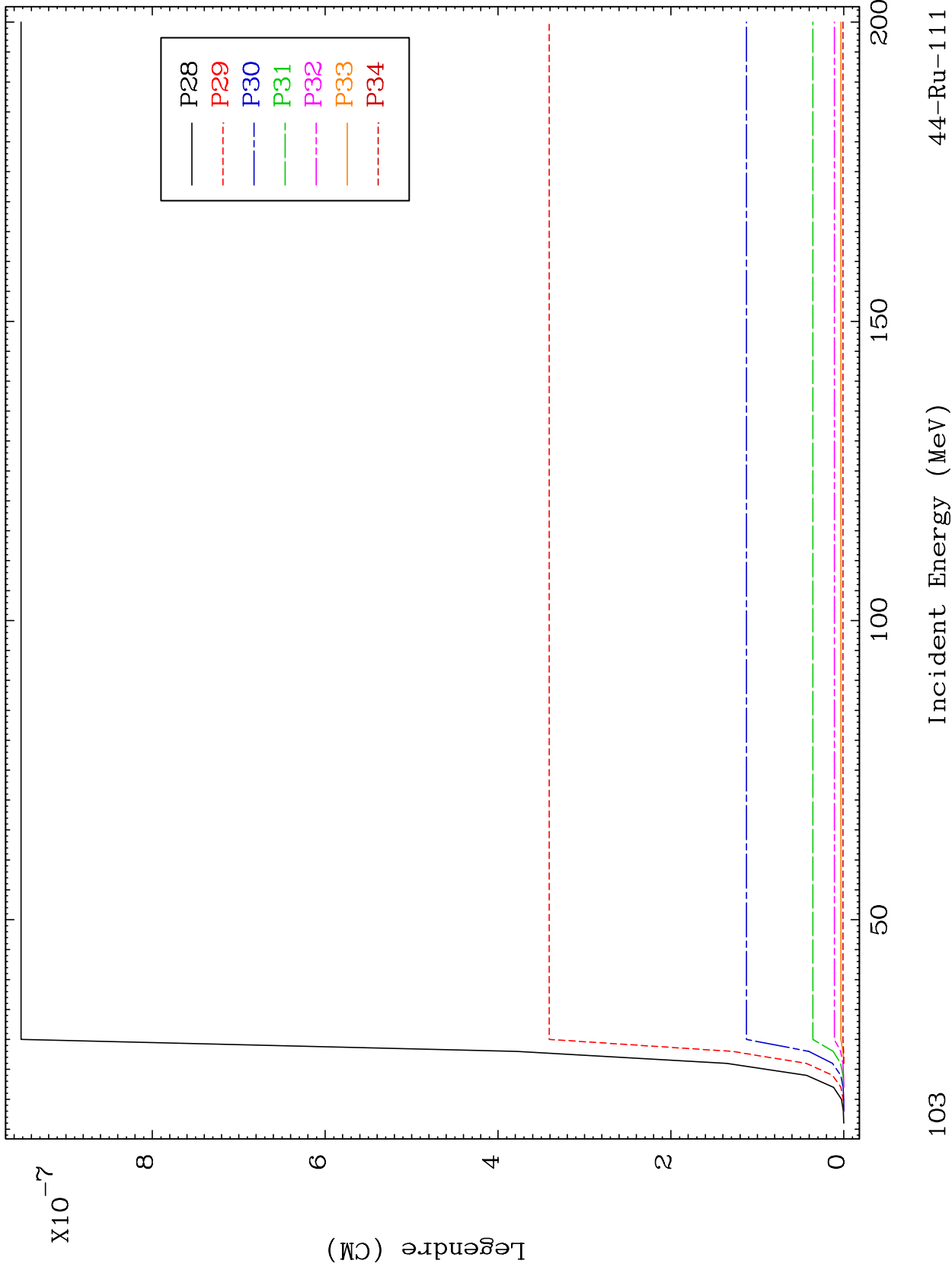


102

MAT 4470

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

44-Ru-111



103

Incident Energy (MeV)

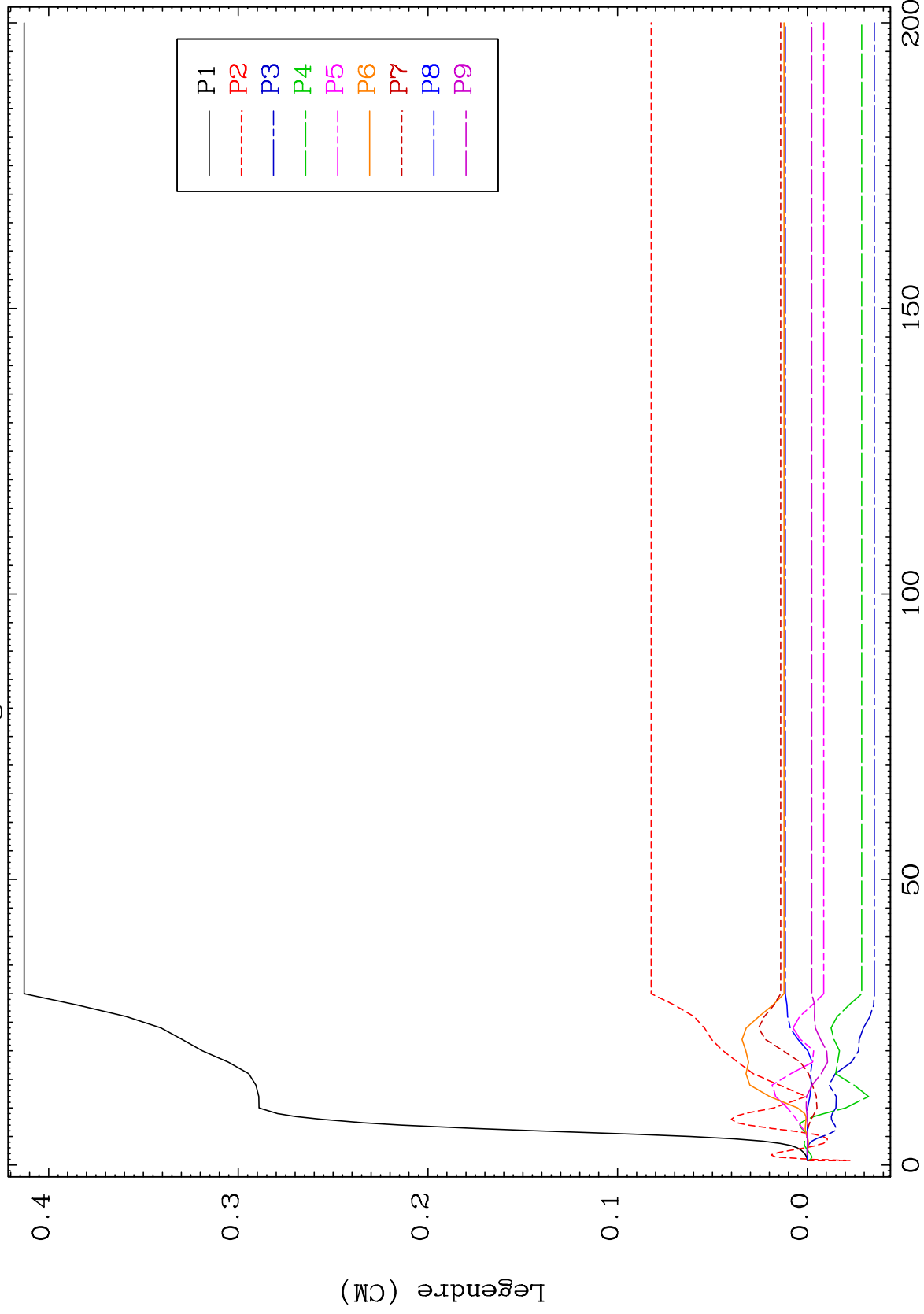
44-Ru-111



MAT 4470

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

44-Ru-111



104

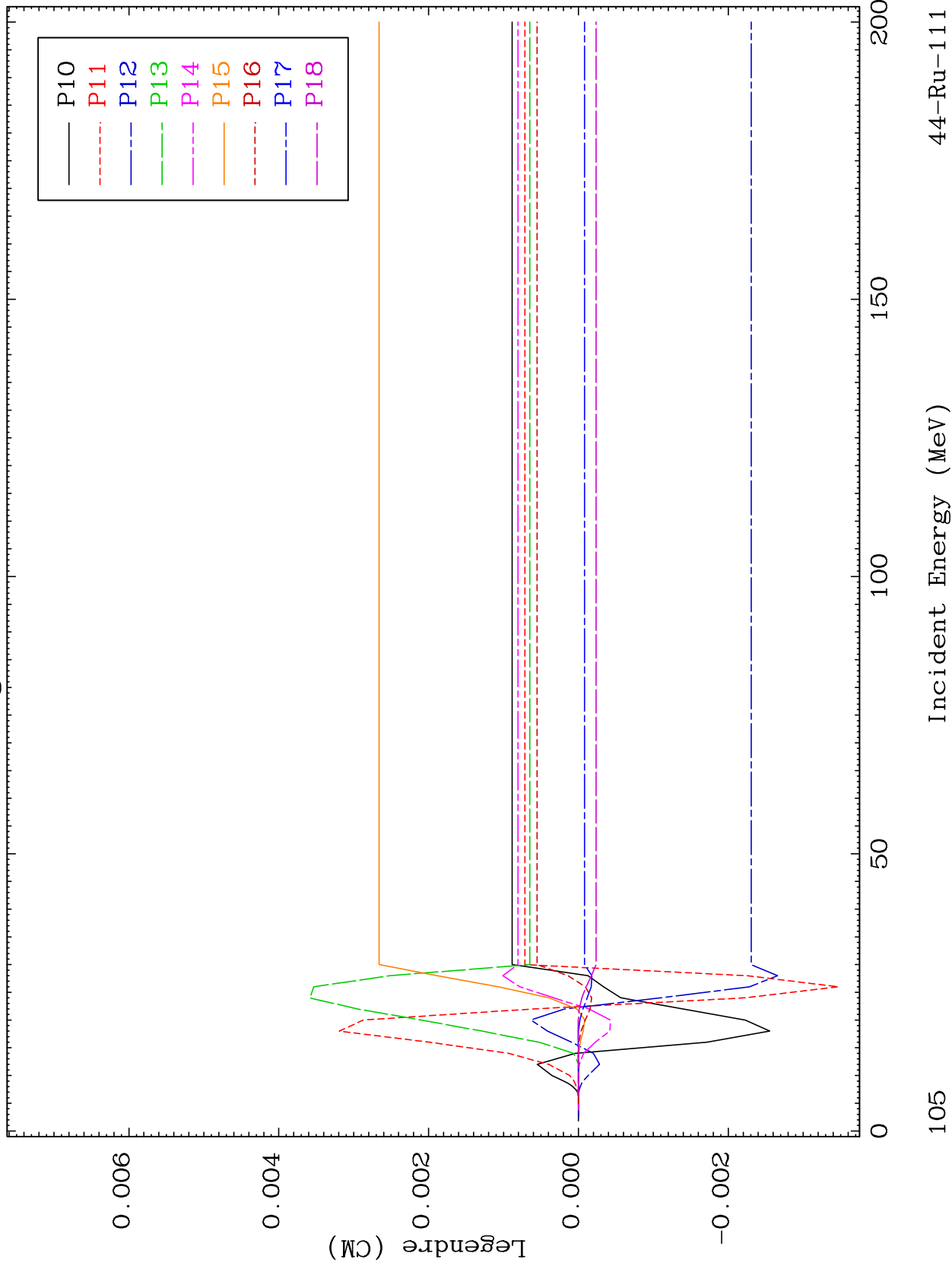
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44-Ru-111

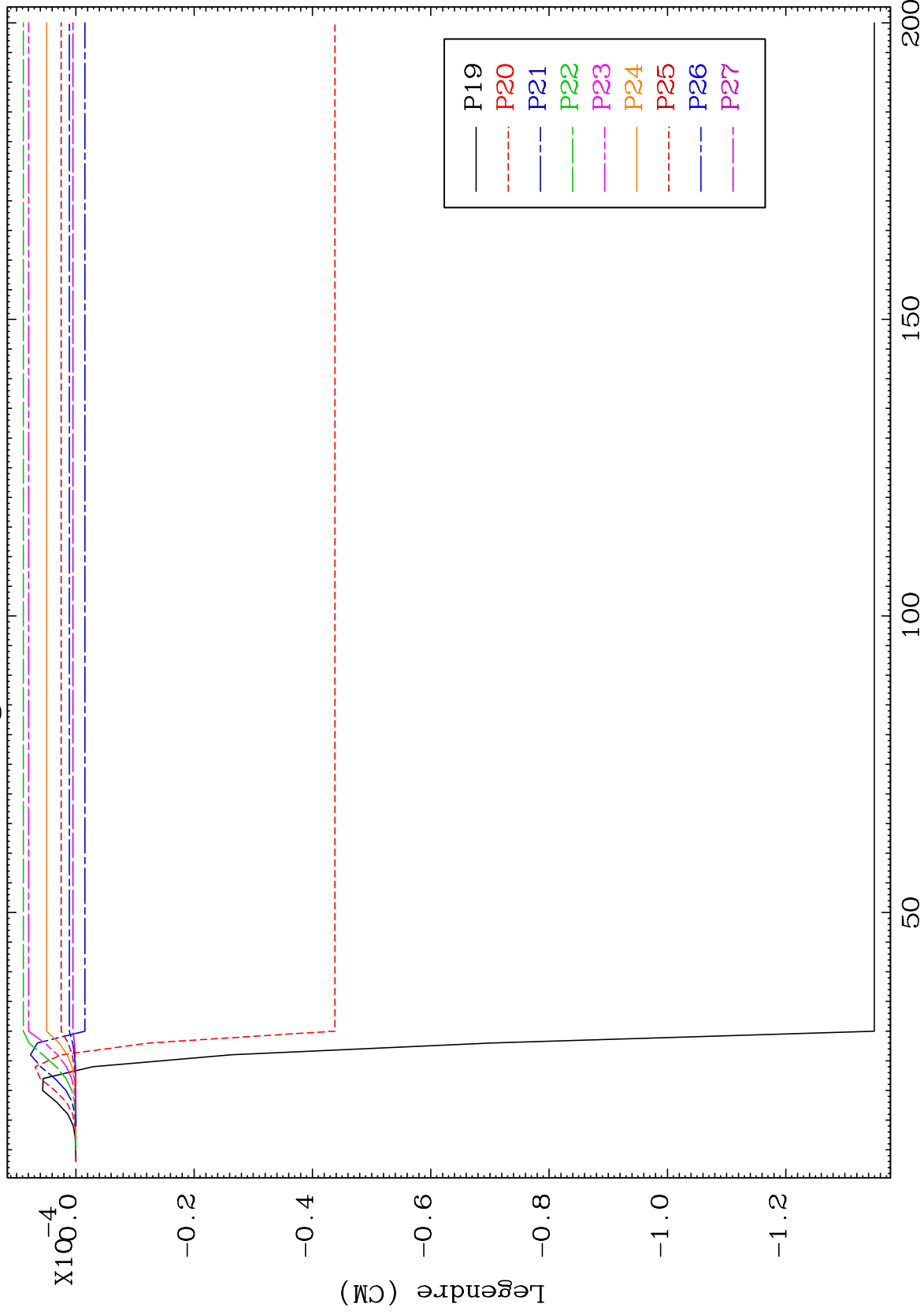
Incident Energy (MeV)

105

MAT 4470

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

44-Ru-111



106

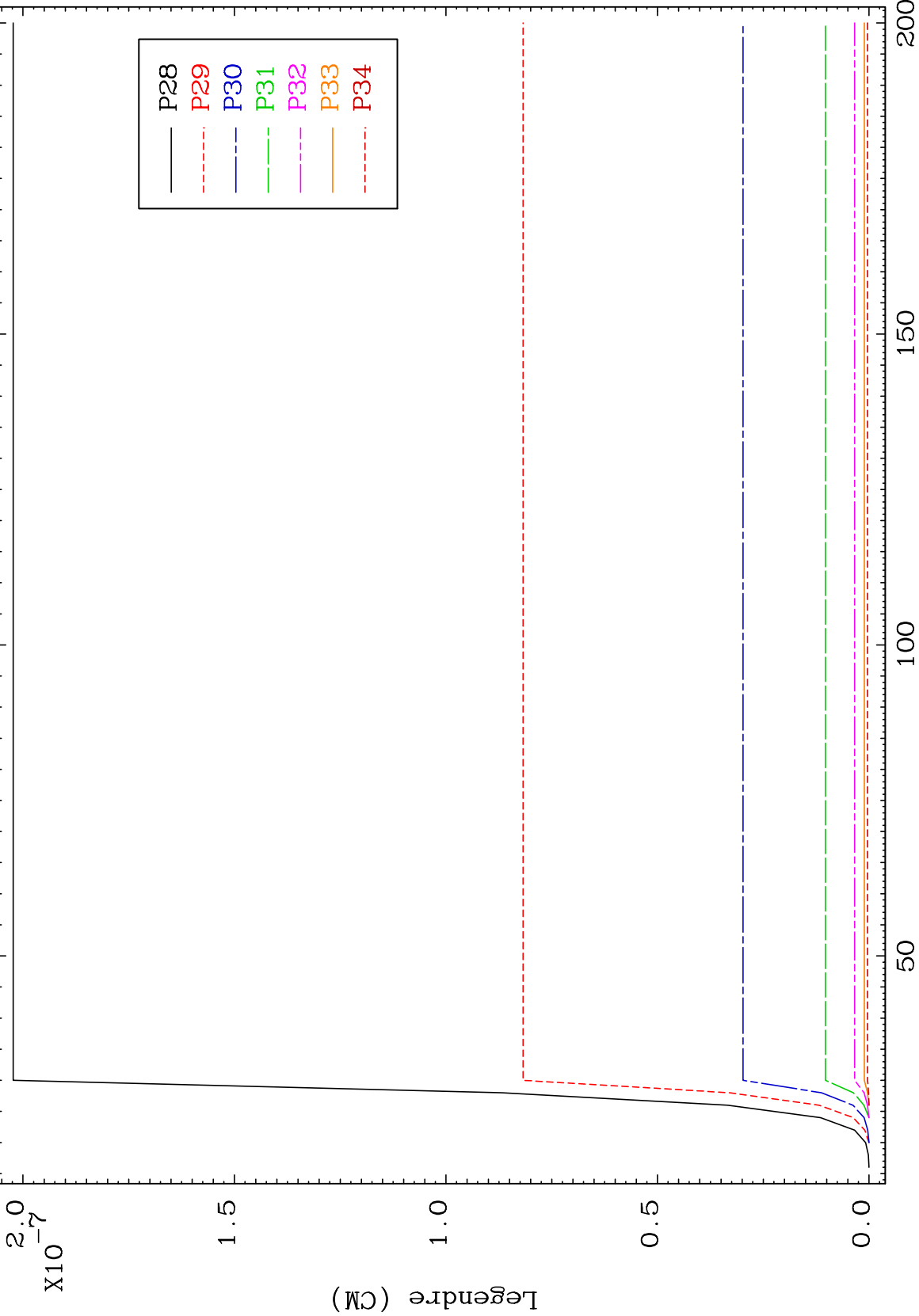
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



107

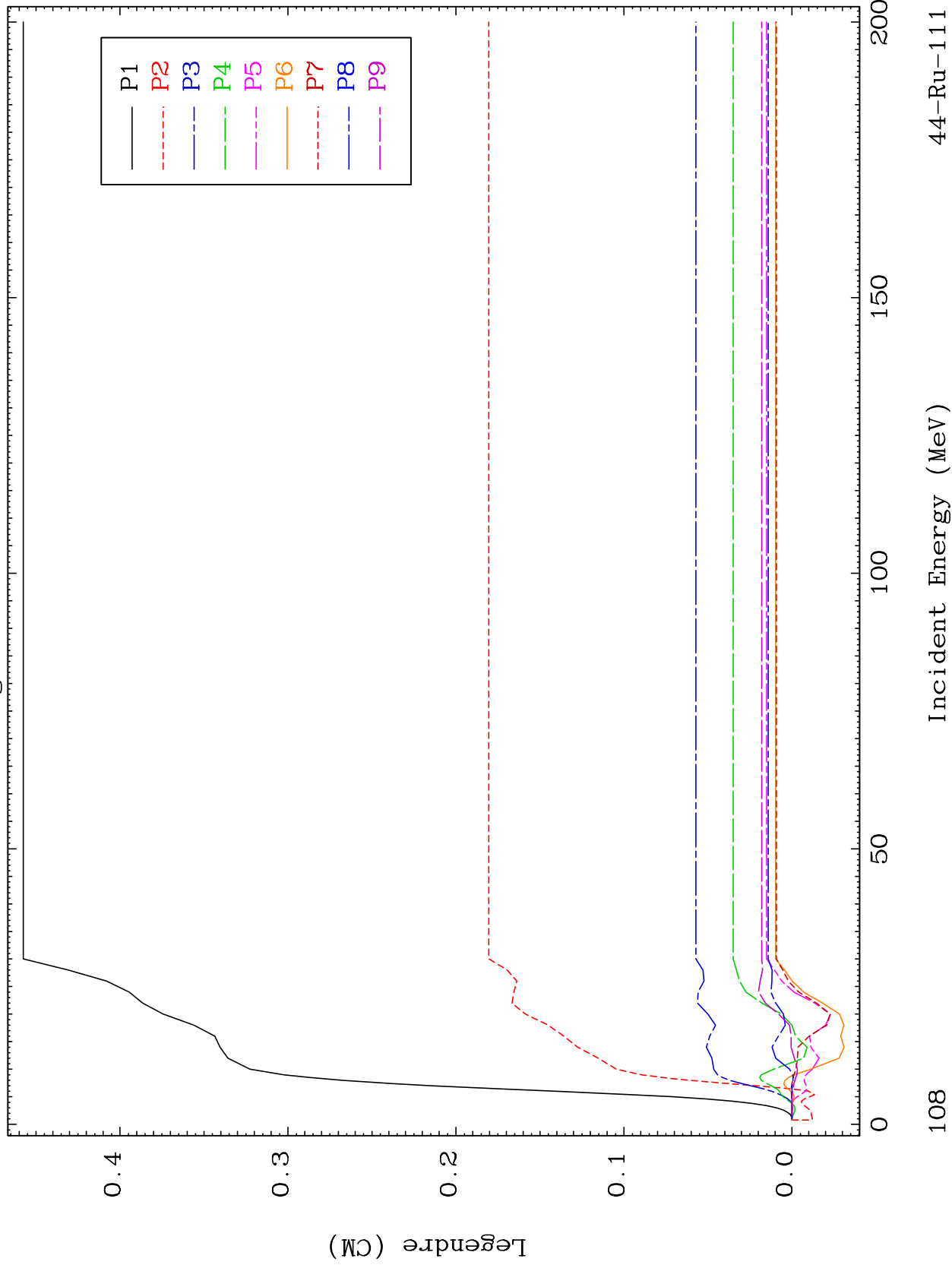
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44-Ru-111

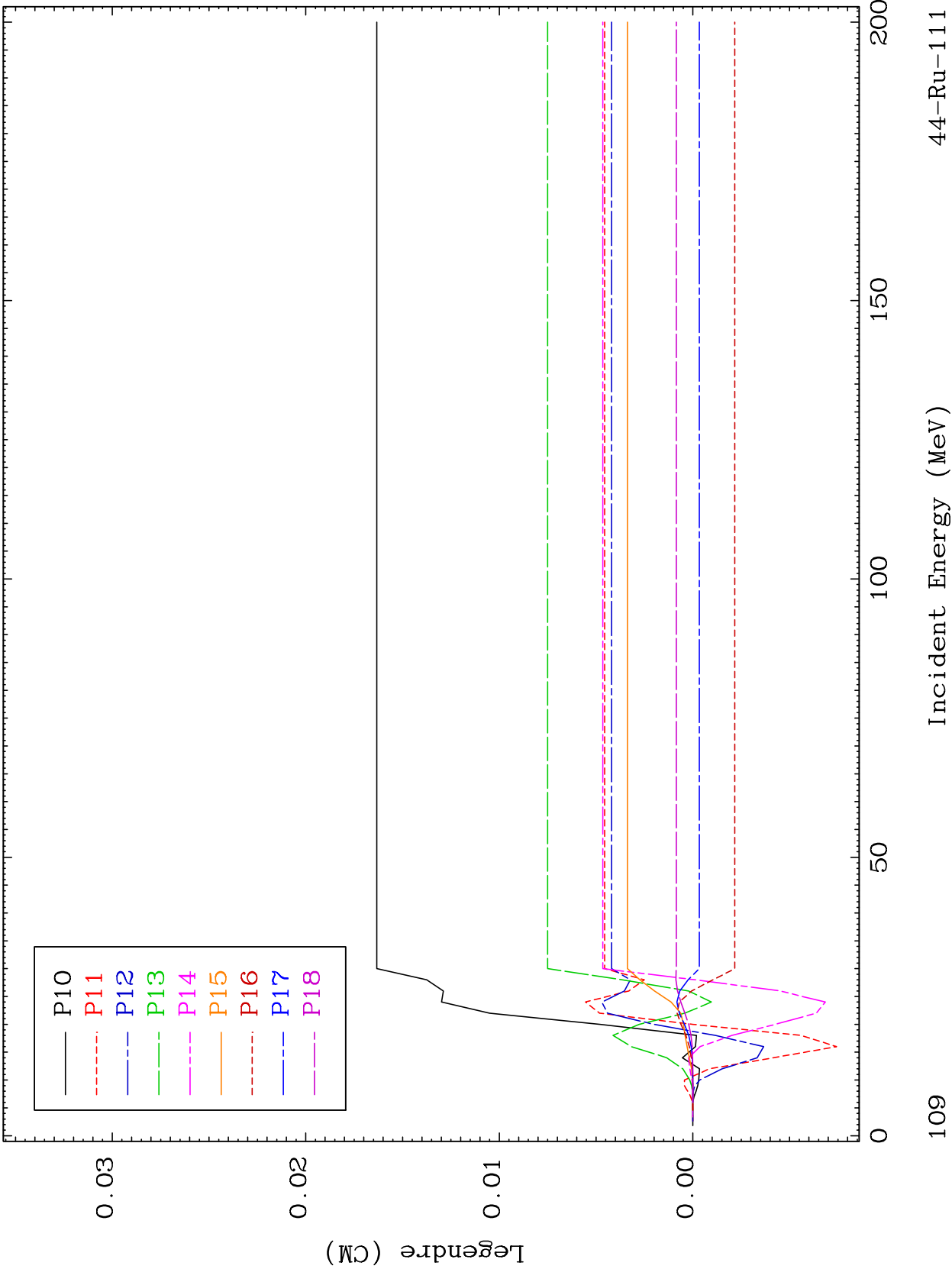
Incident Energy (MeV)

108

MAT 4470

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

44-Ru-111



109

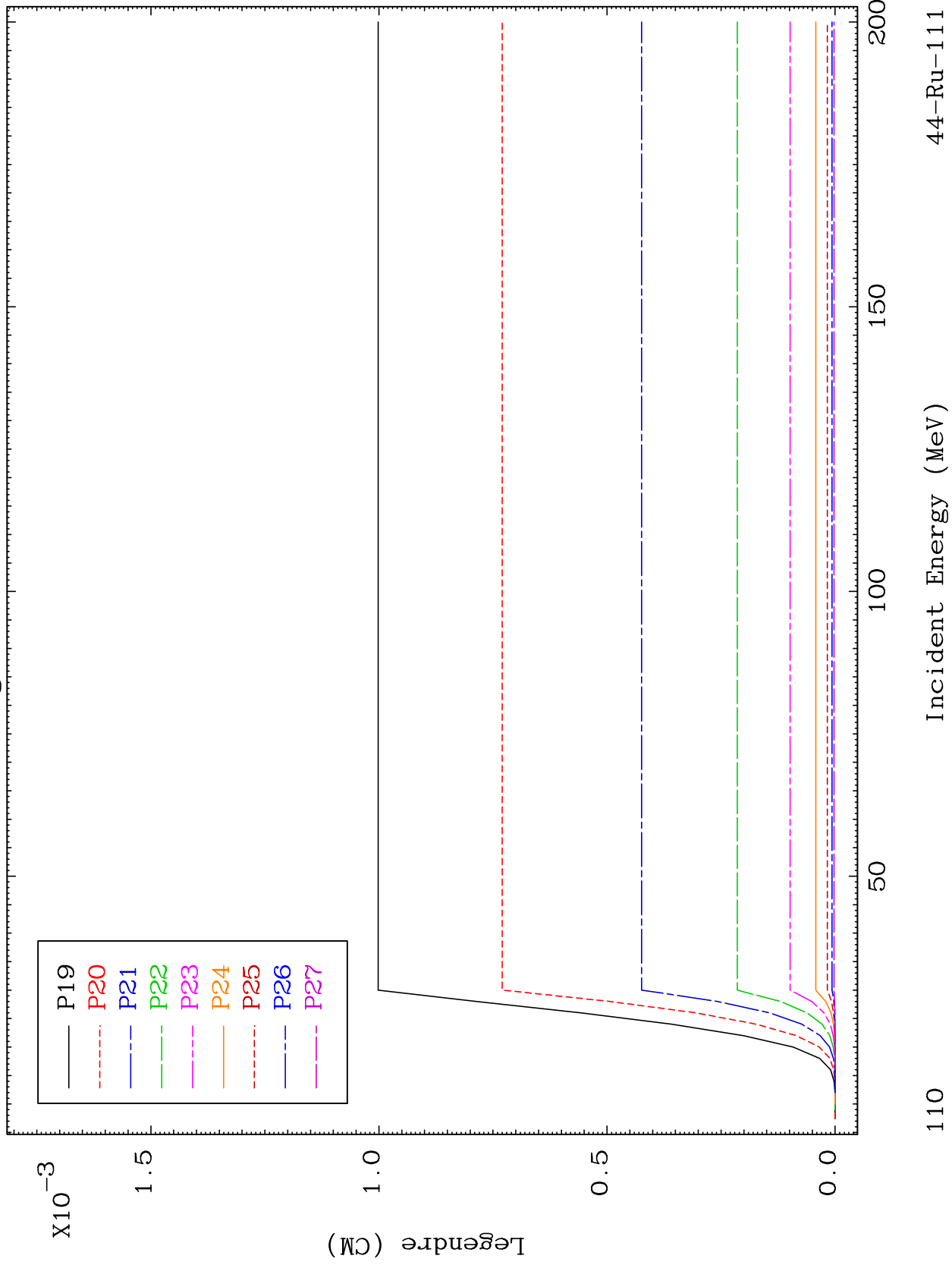
Incident Energy (MeV)

44-Ru-111

MAT 4470

44-Ru-111

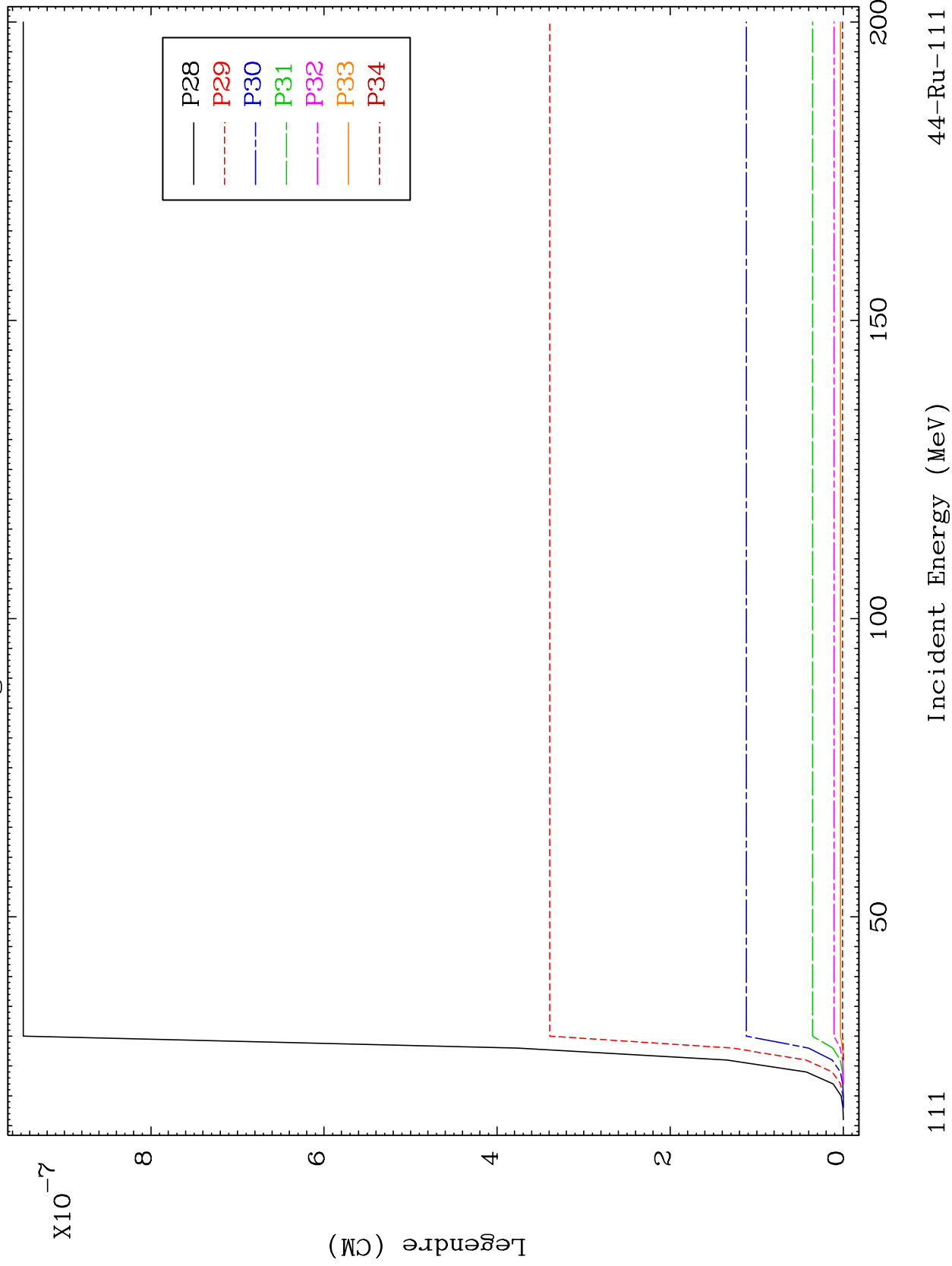
MT= 73 (n,n') Level  
Legendre Coefficients



MAT 4470

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

44-Ru-111

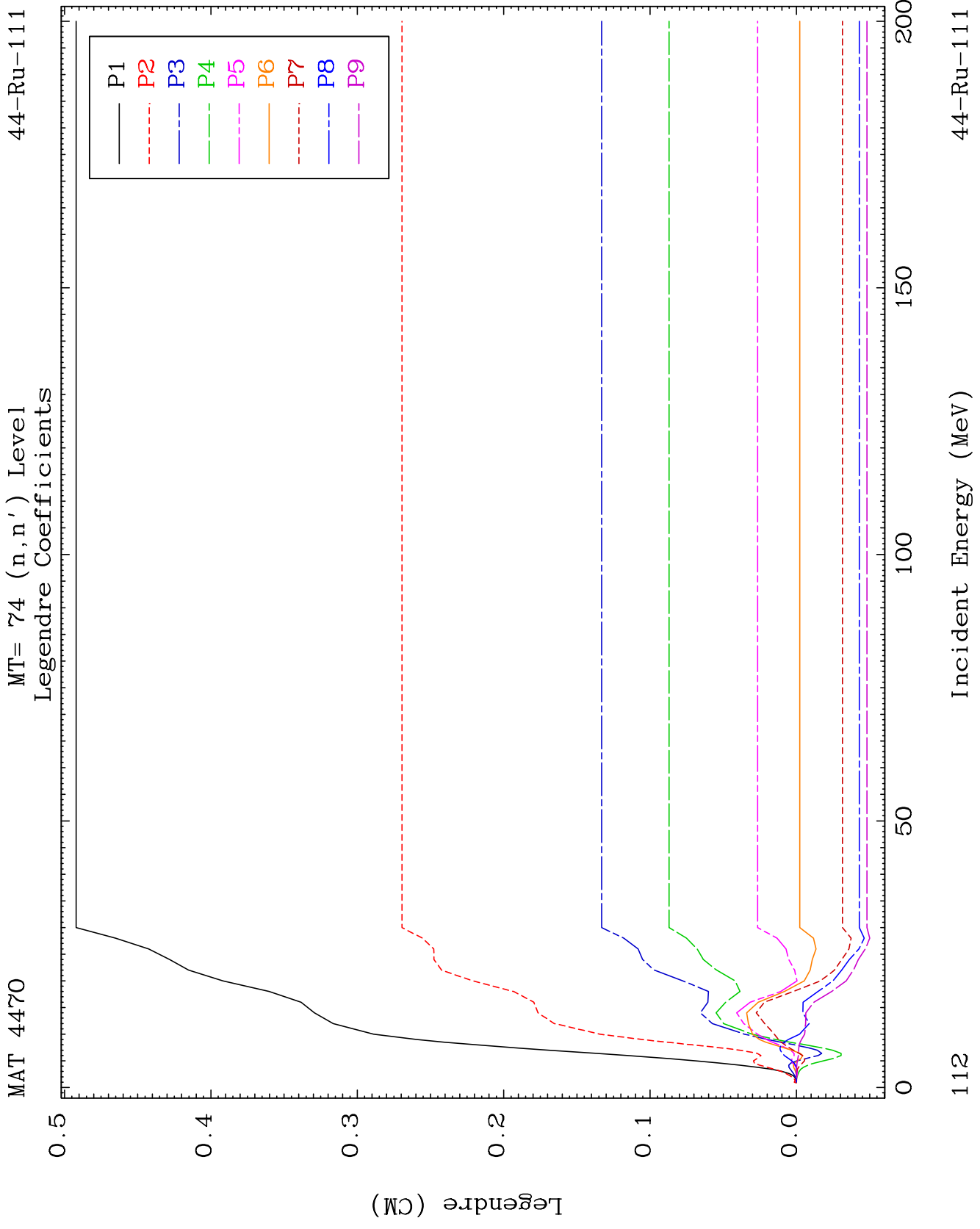


111

Incident Energy (MeV)

44-Ru-111

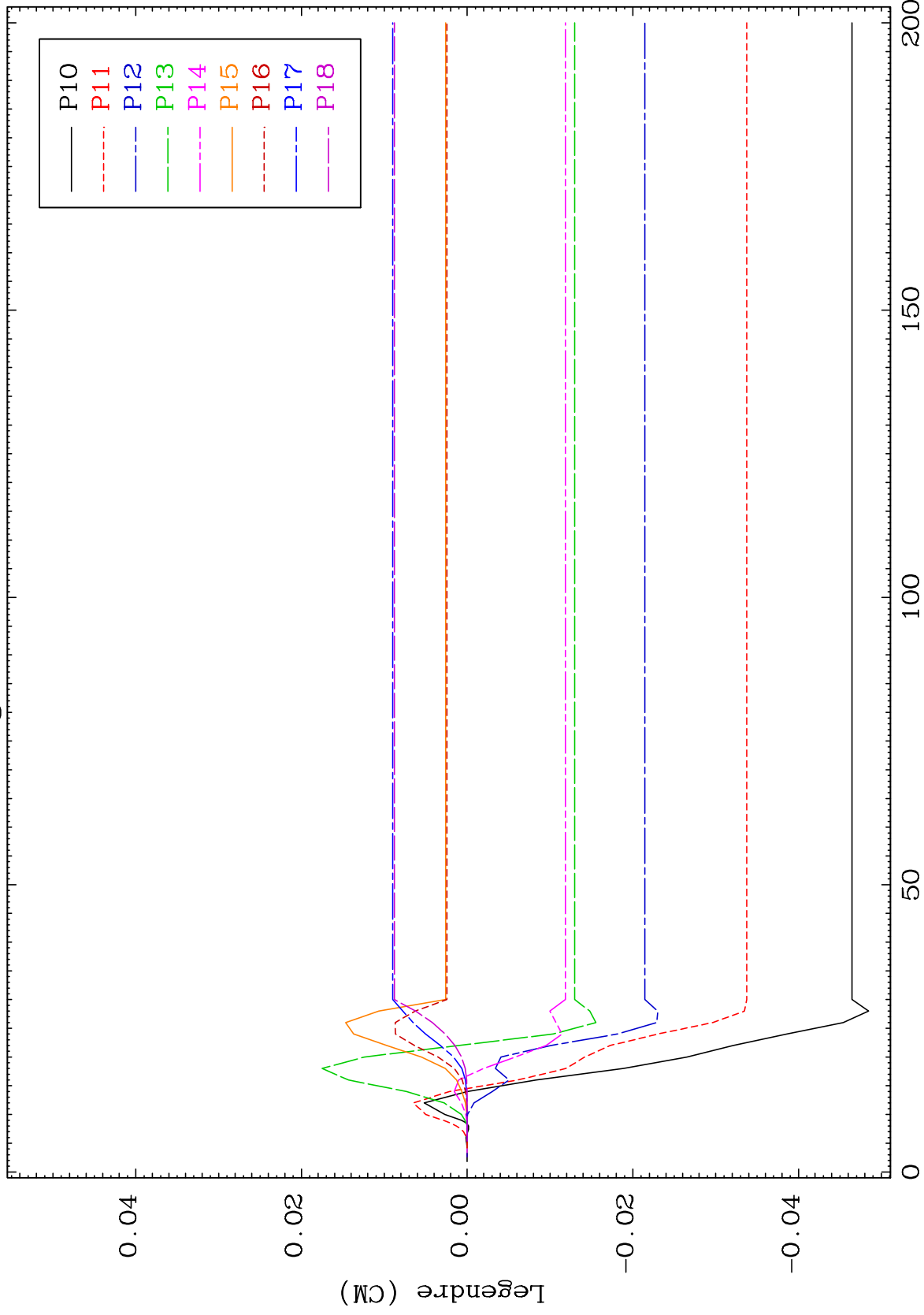




MAT 4470

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

44-Ru-111



113

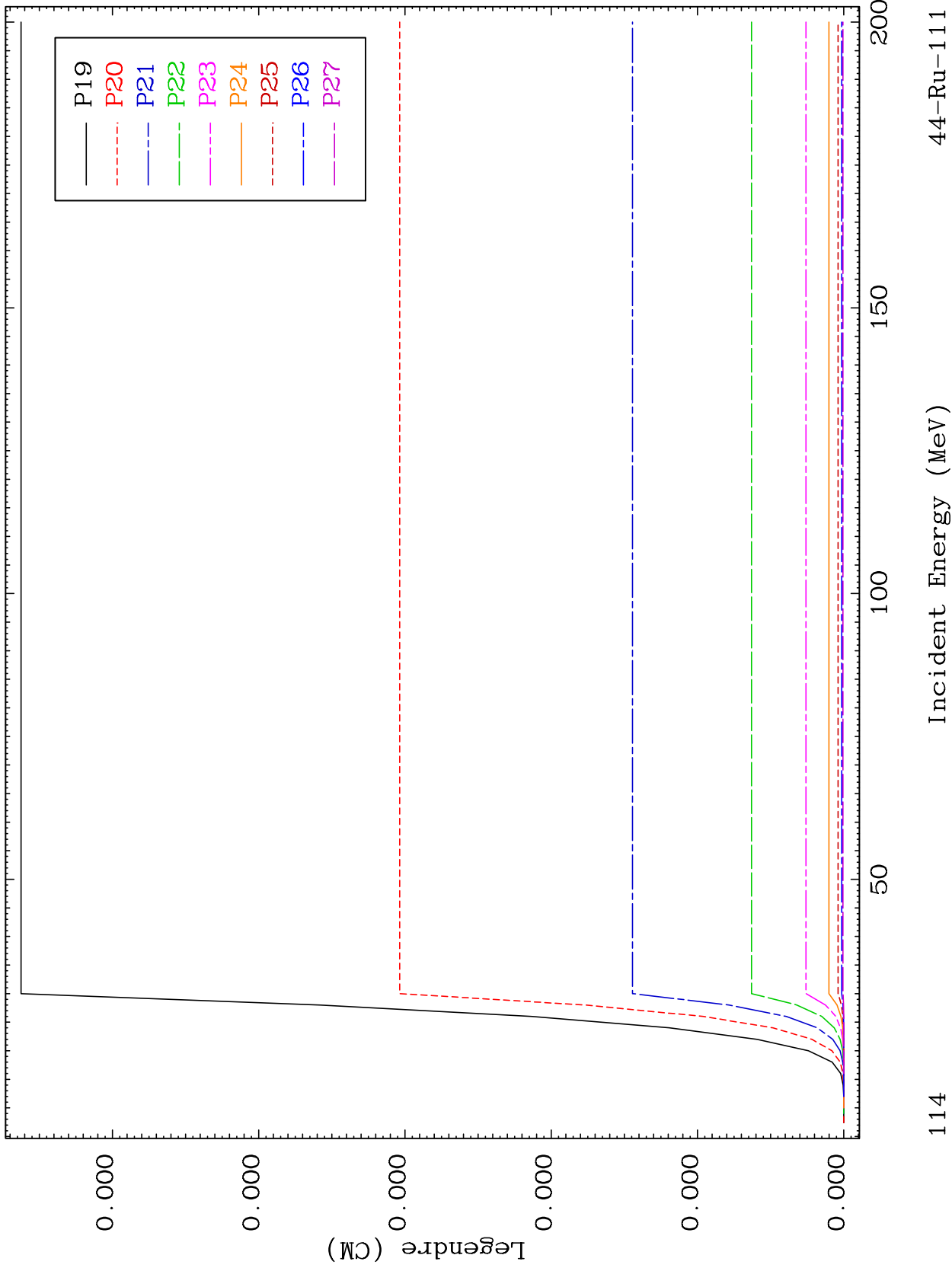
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



114

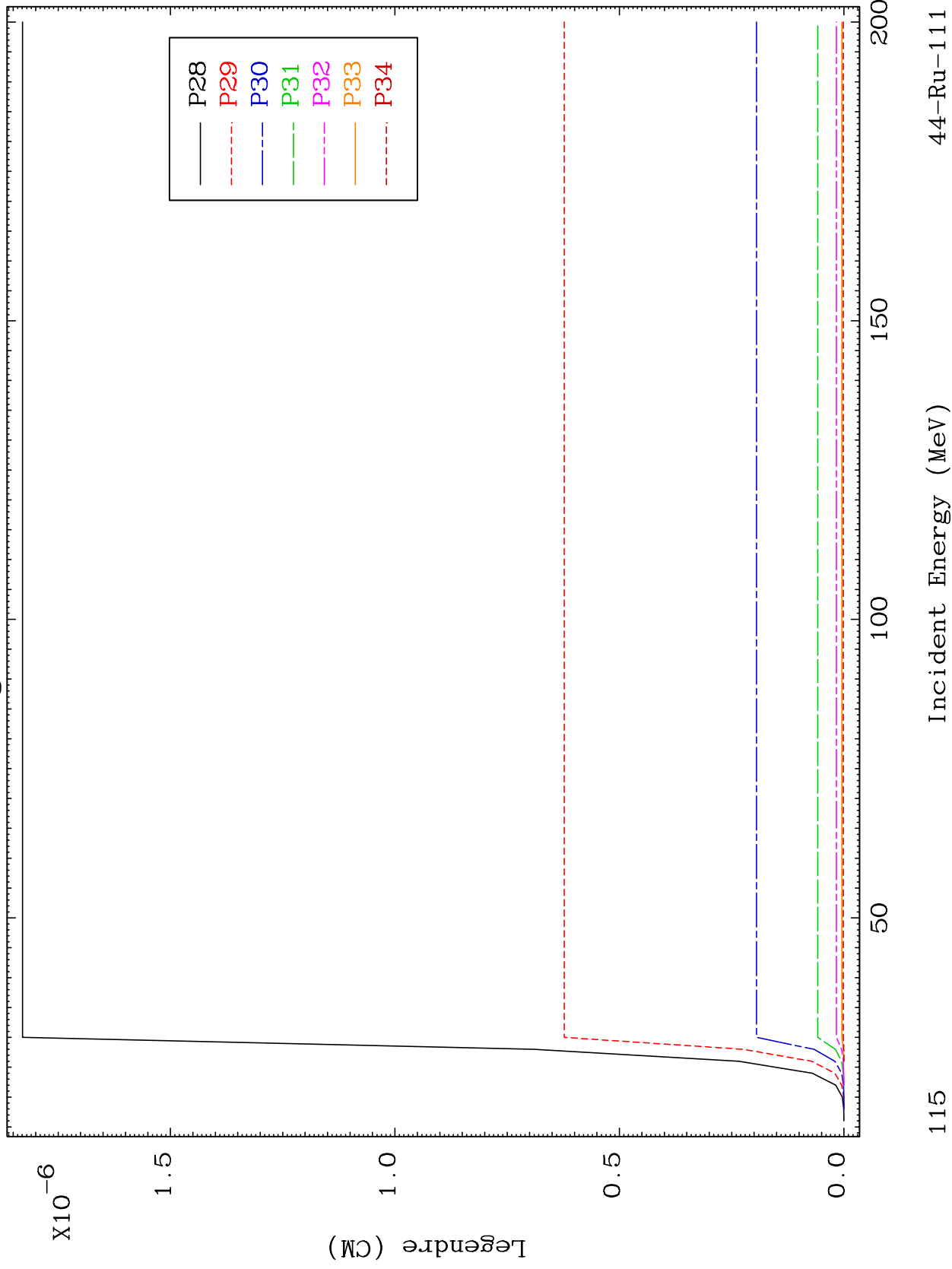
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

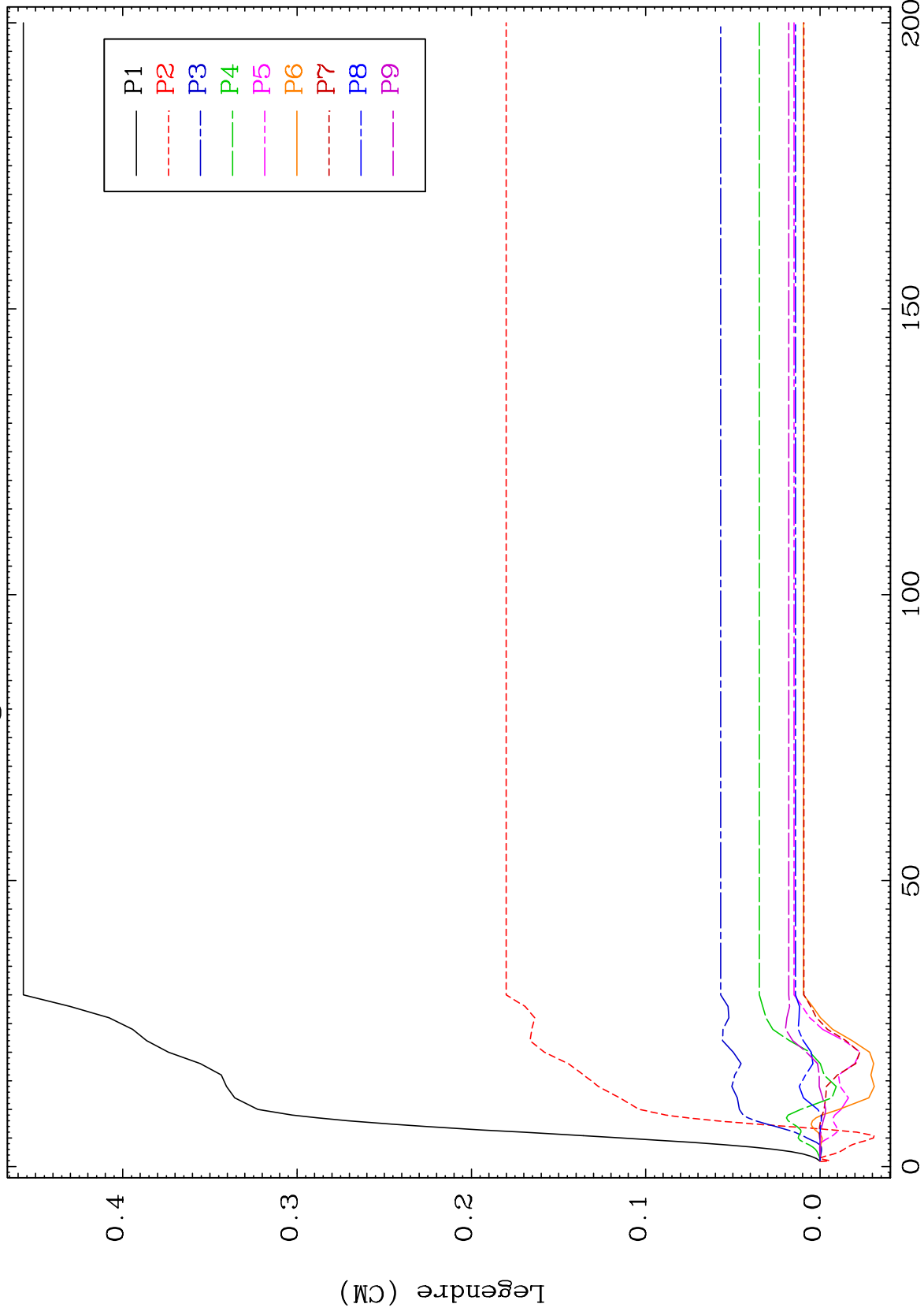


MAT 4470

MT= 75 (n,n') Level

44-Ru-111

Legendre Coefficients



116

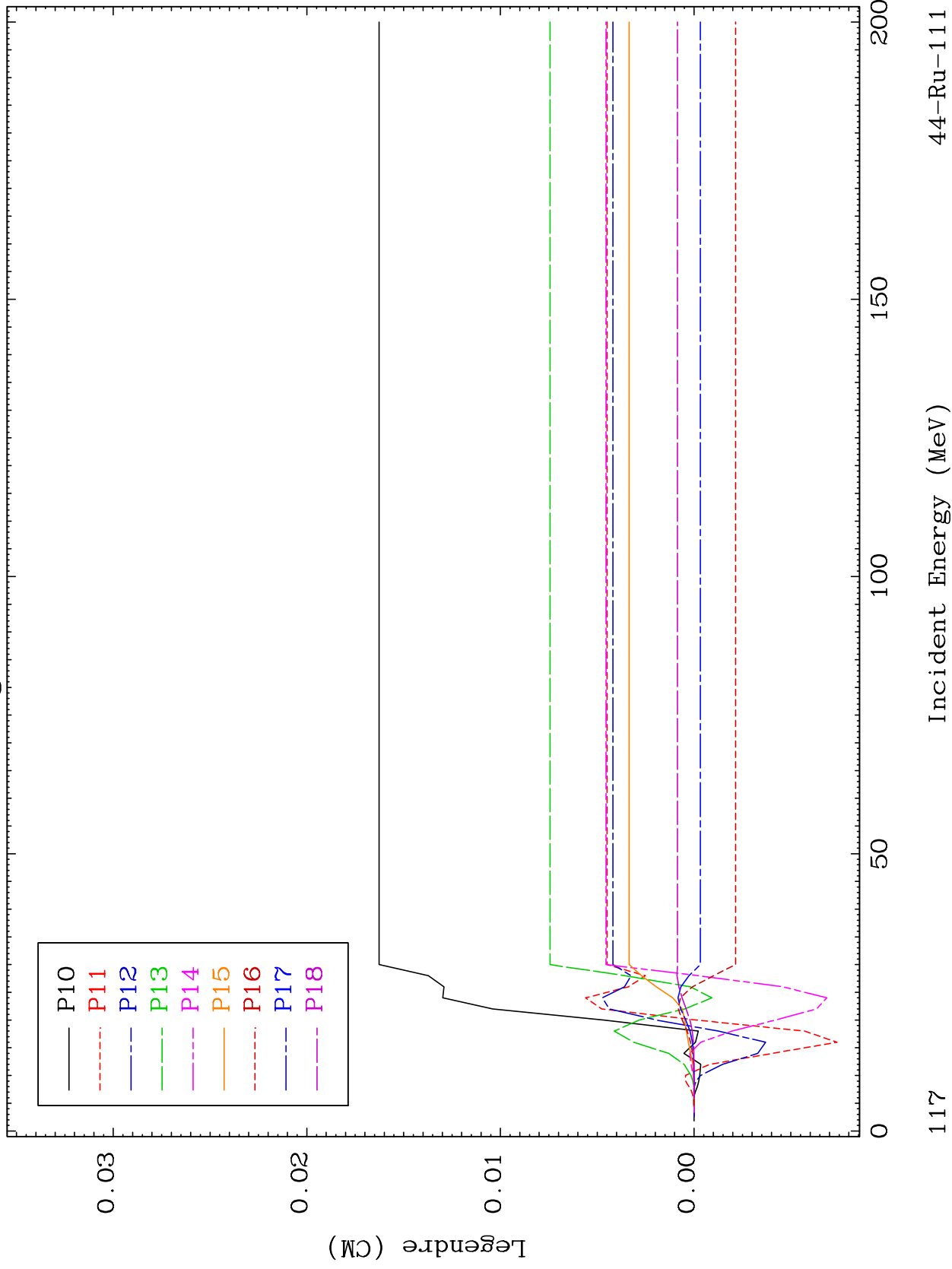
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



117

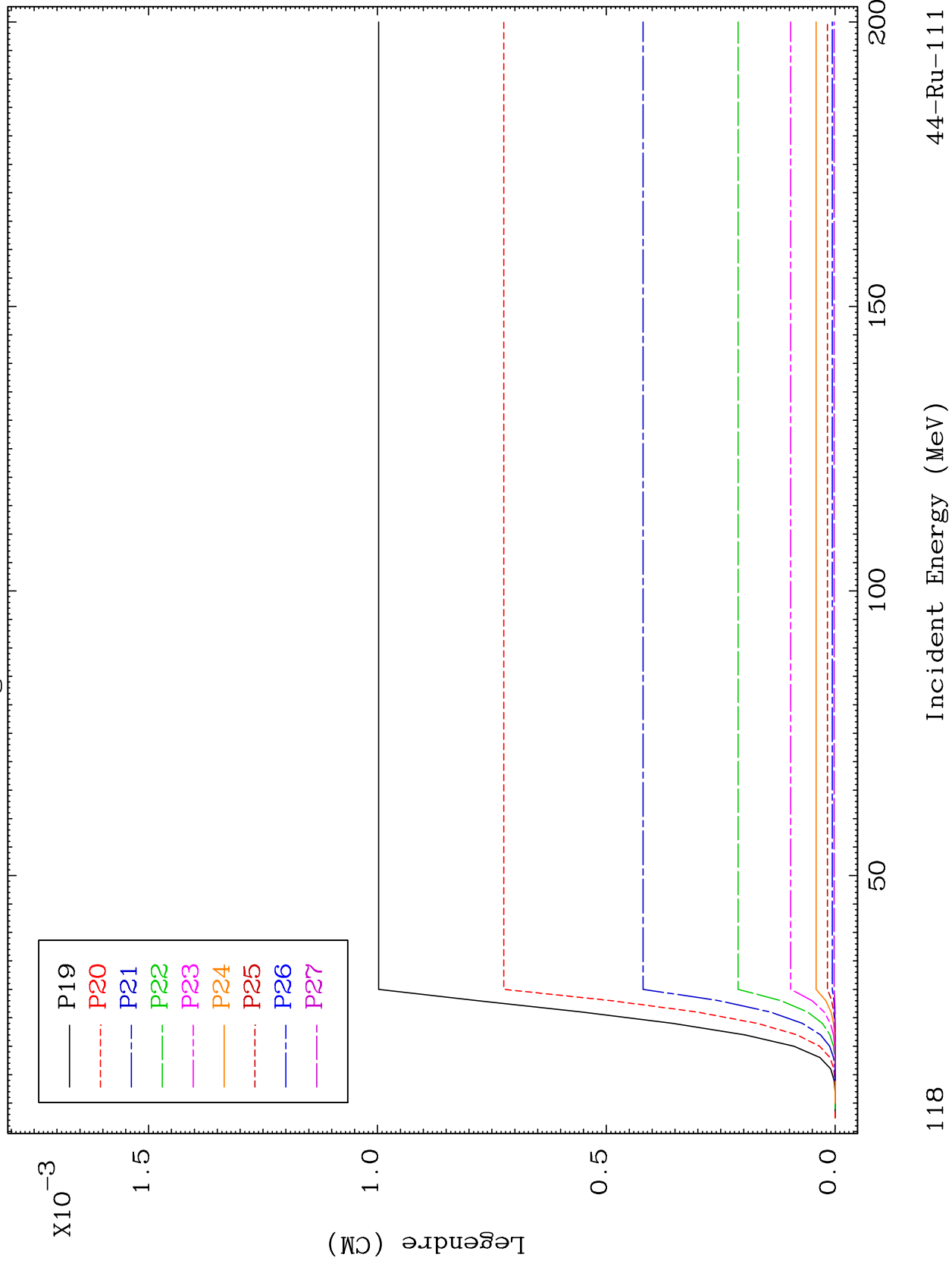
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



118

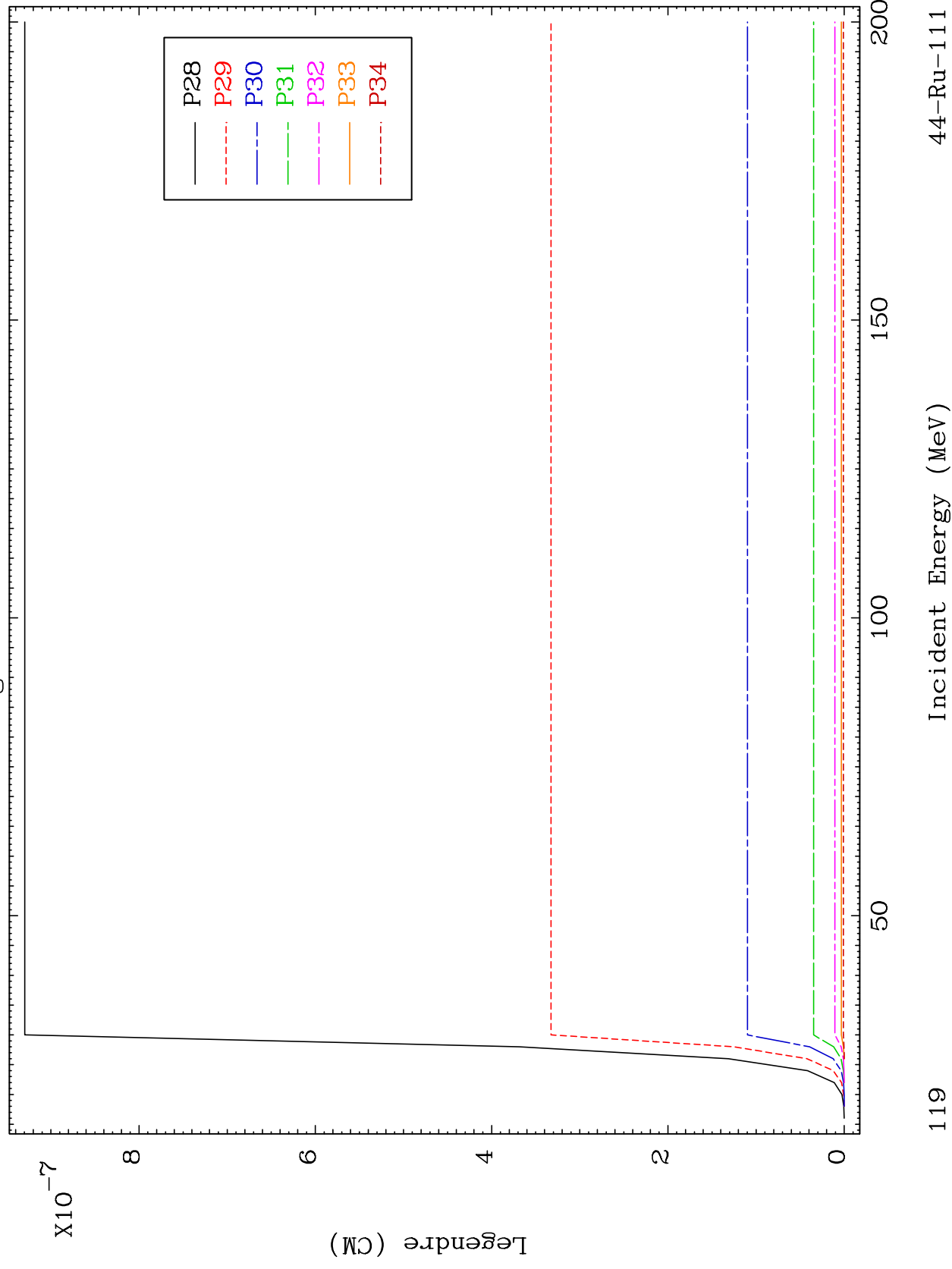
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



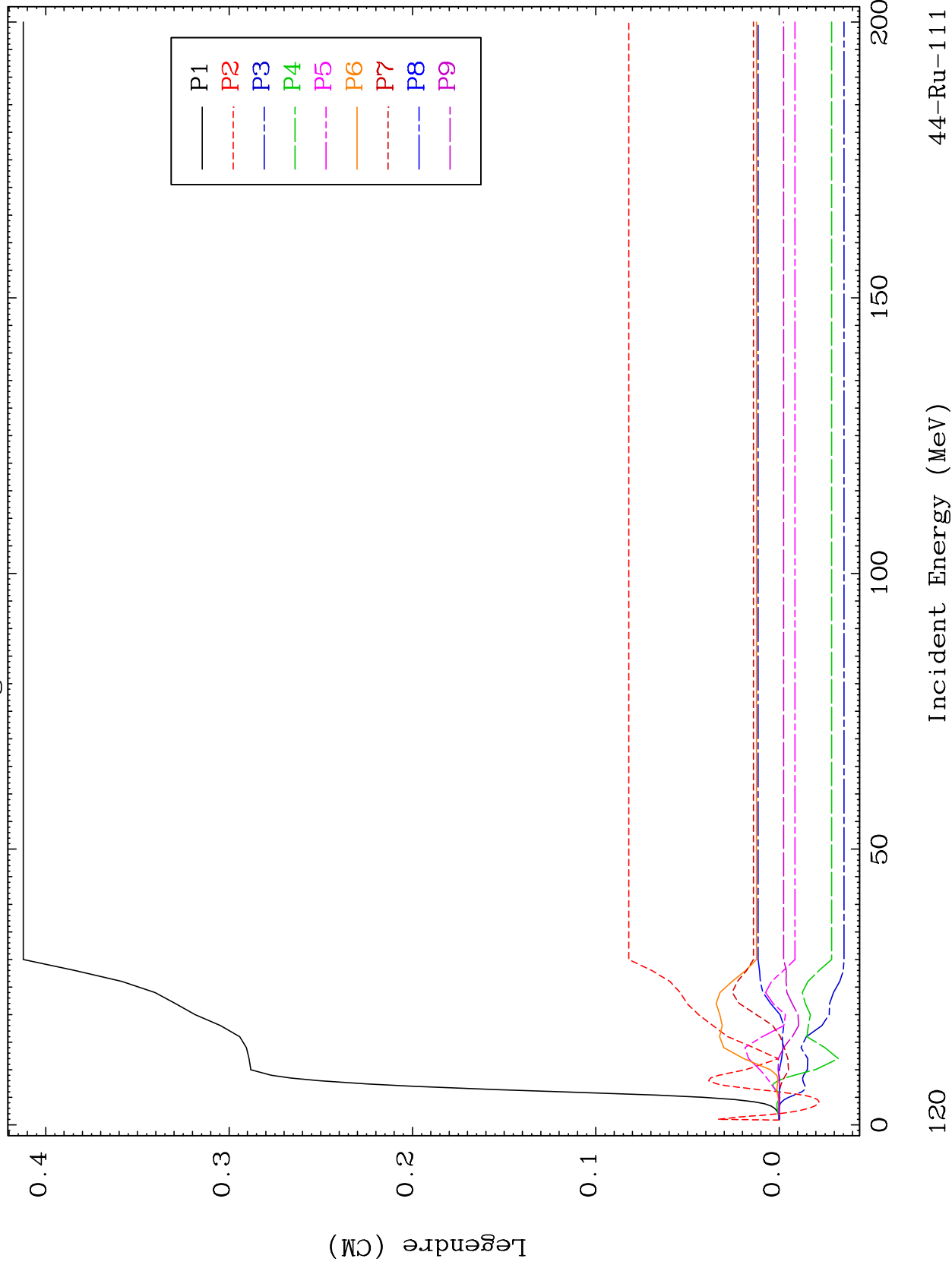
119



MAT 4470

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

44-Ru-111



44-Ru-111

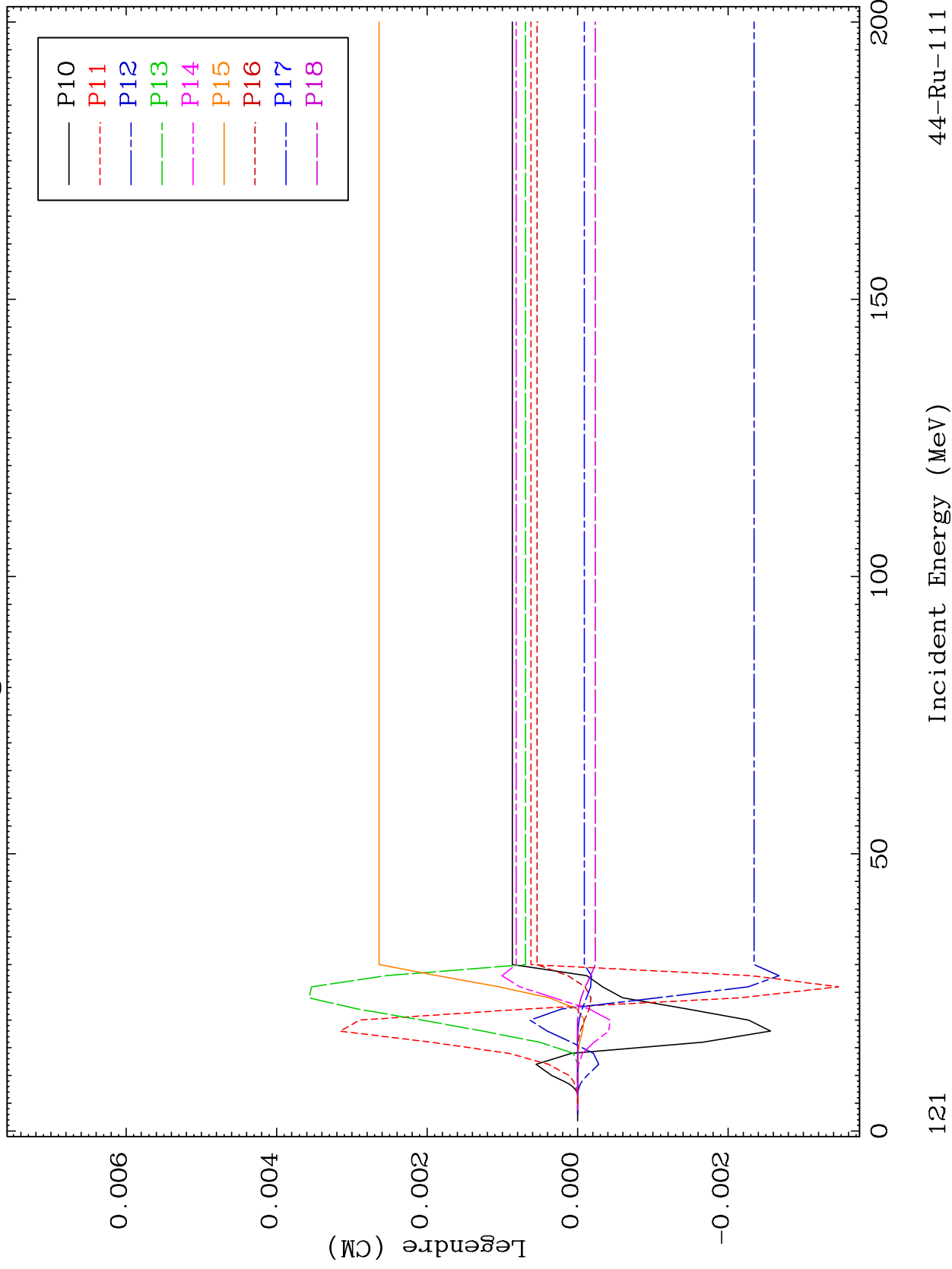
Incident Energy (MeV)

Legendre (CM)

MAT 4470

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

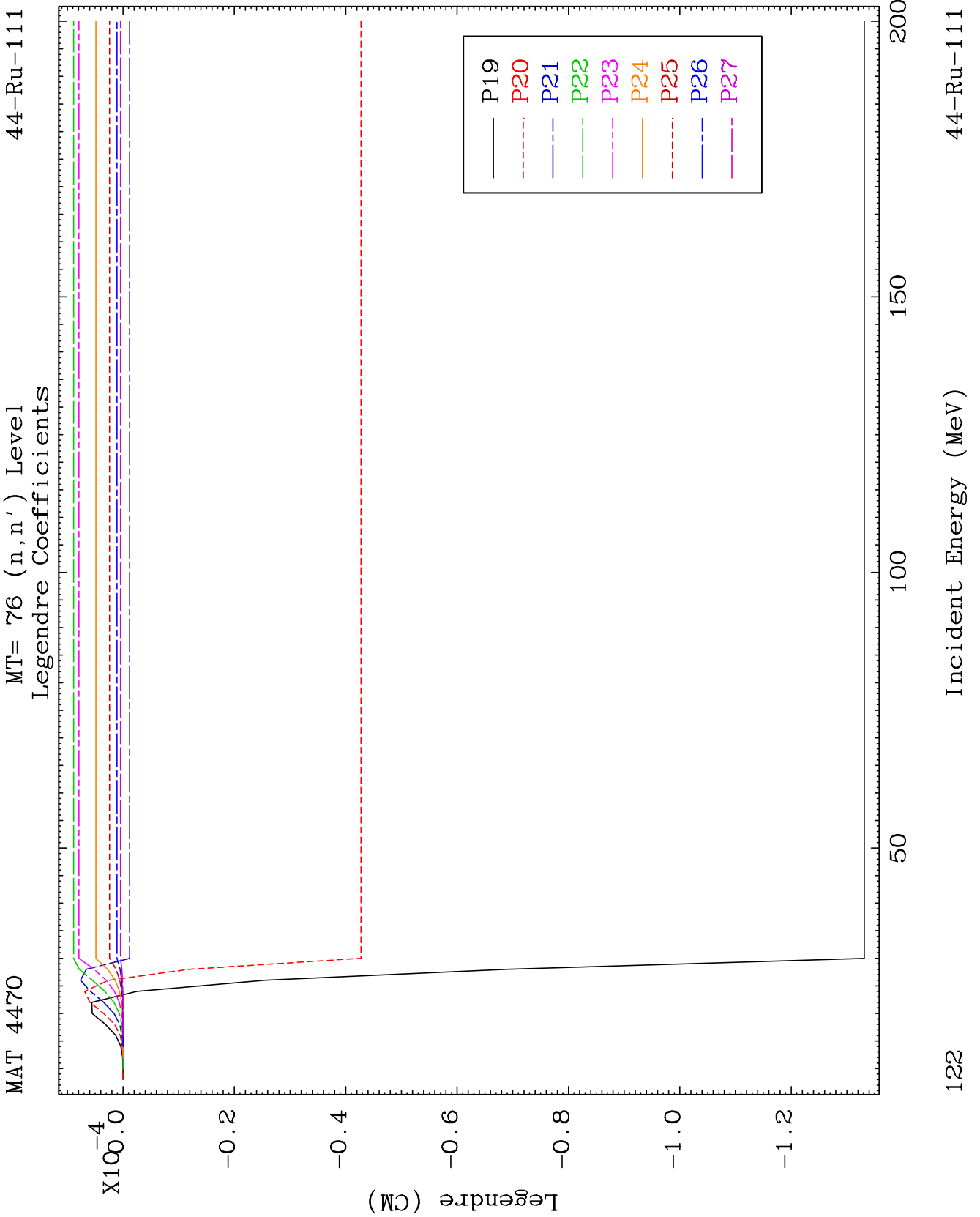
44-Ru-111



121

Incident Energy (MeV)

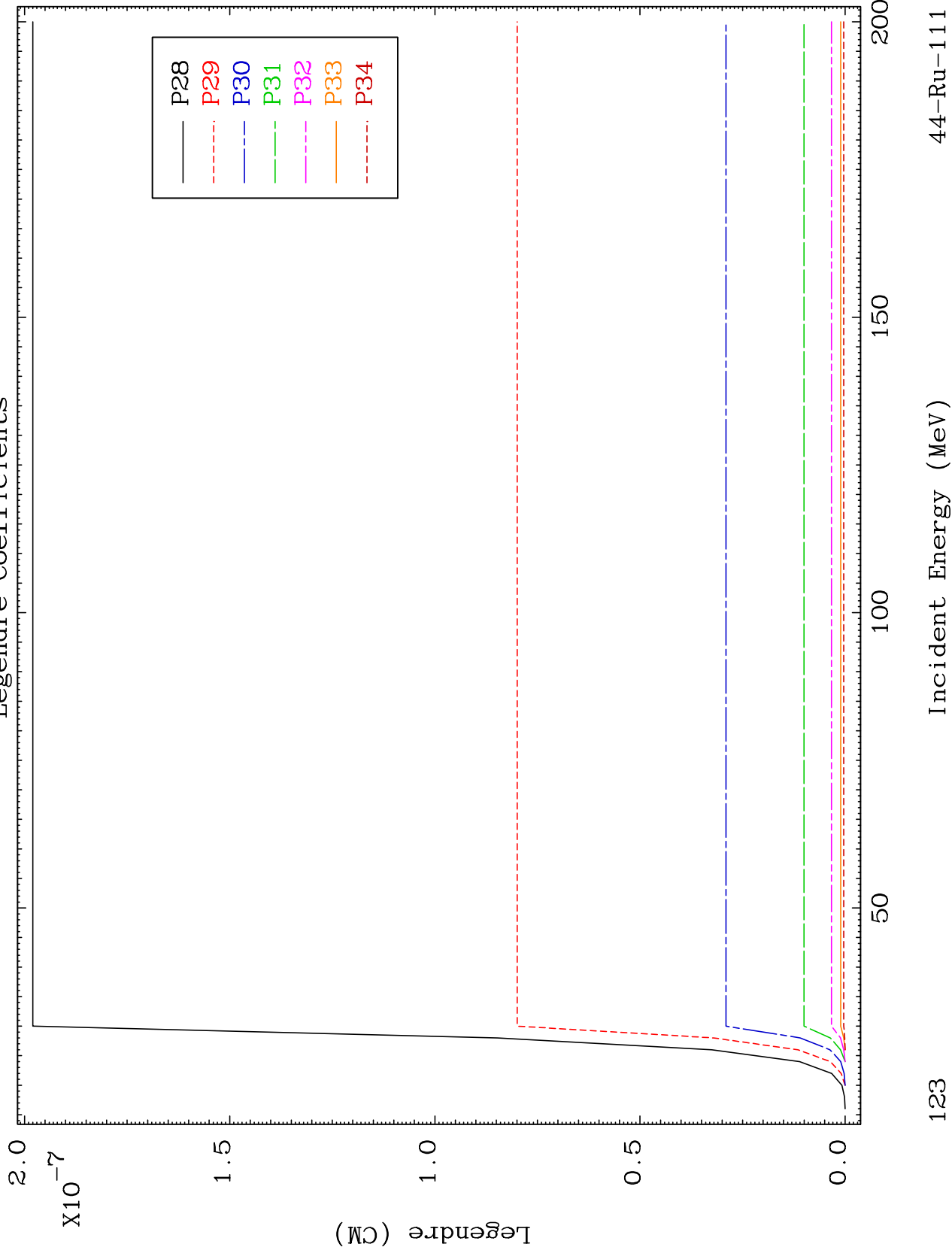
44-Ru-111



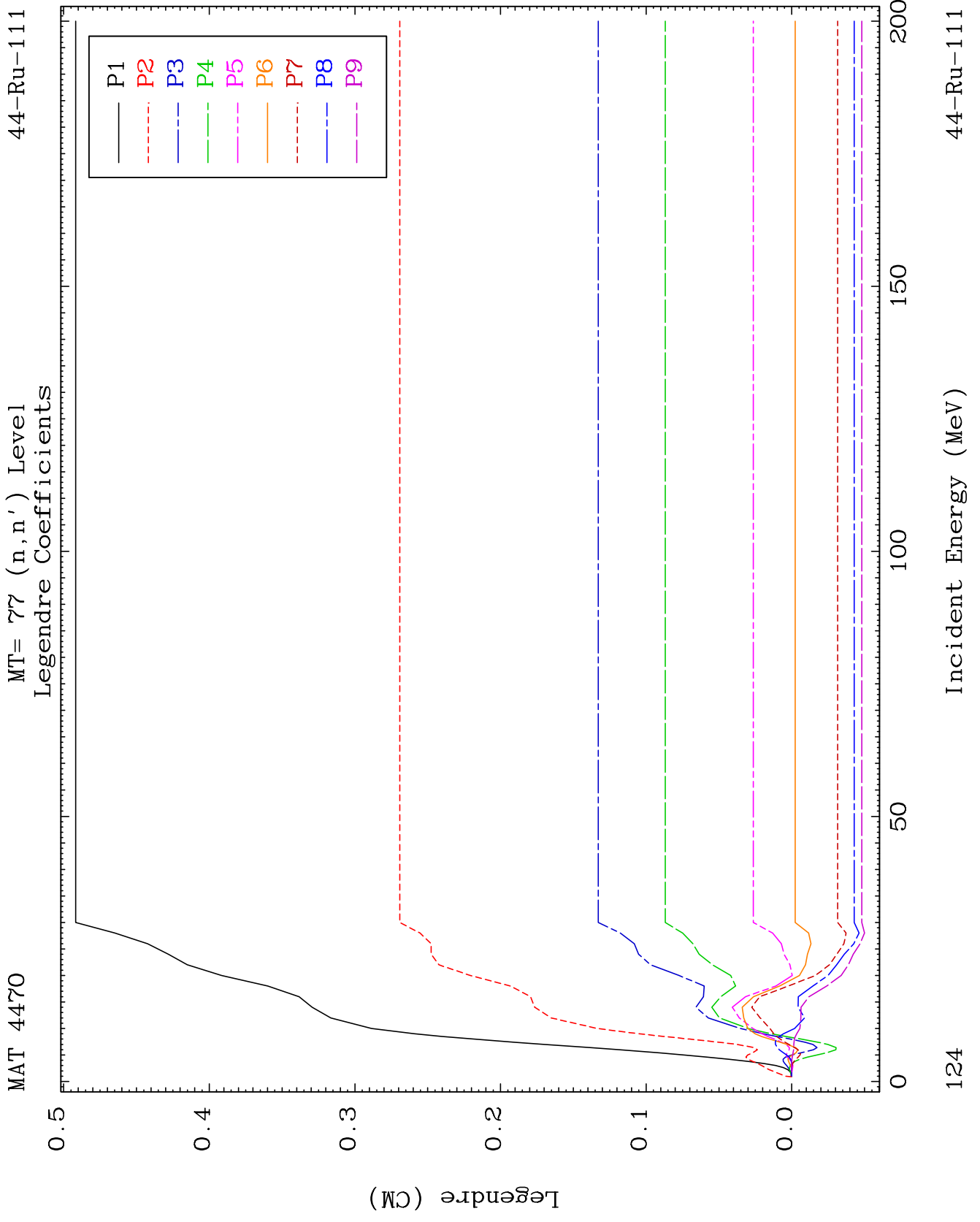
MAT 4470

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

44-Ru-111



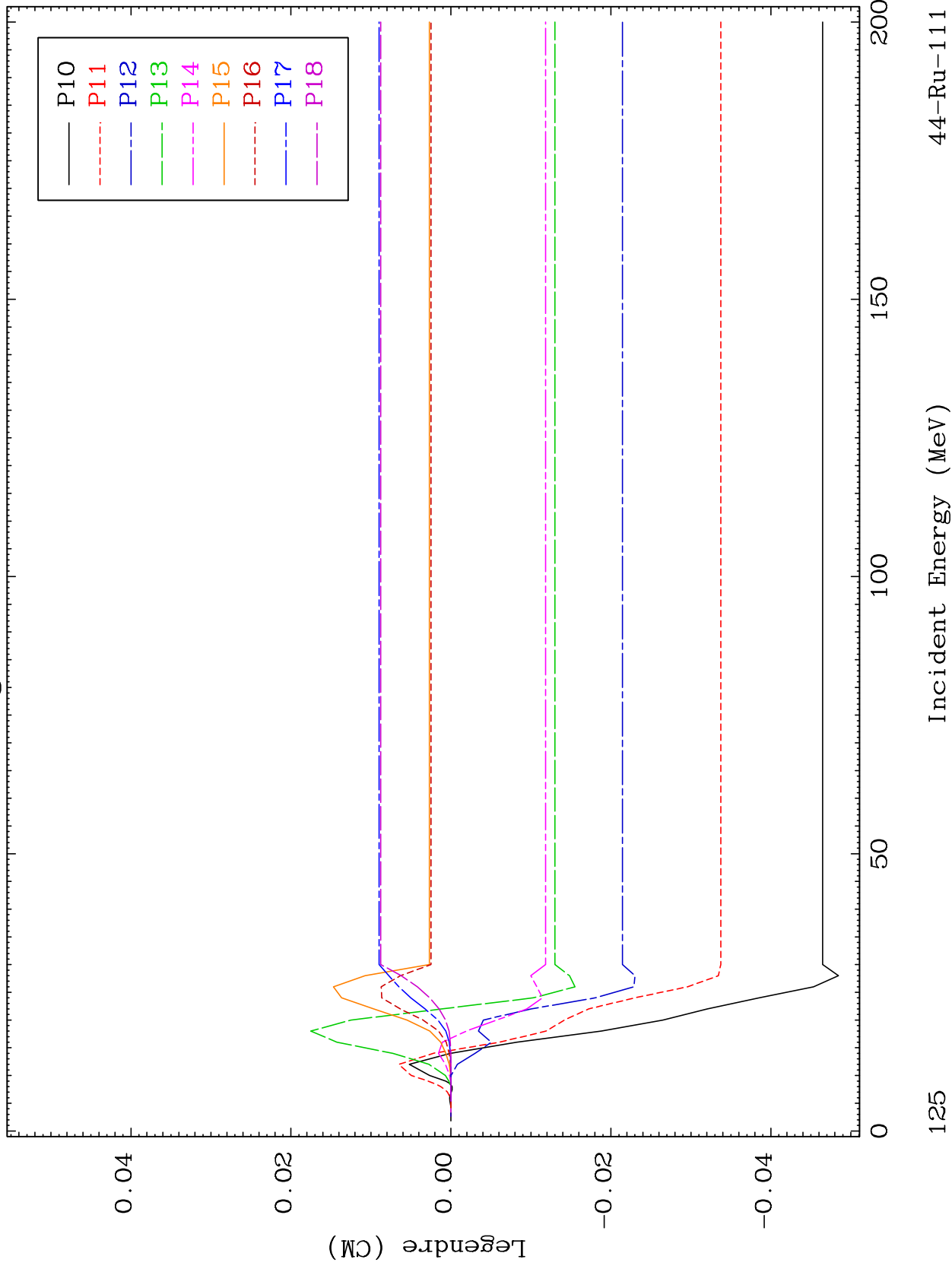
123



MAT 4470

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

44-Ru-111



44-Ru-111

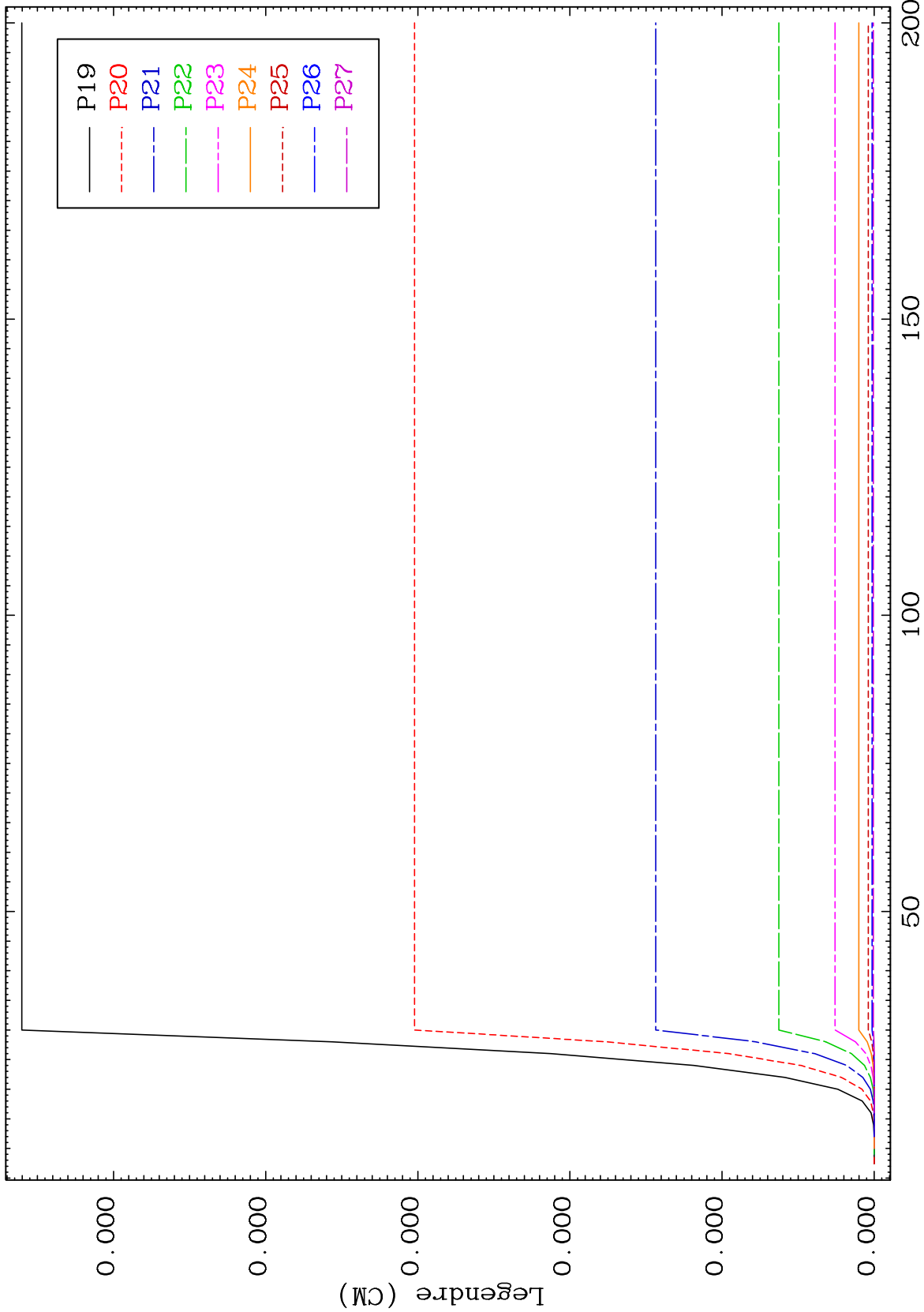
Incident Energy (MeV)

125

MAT 4470

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

44-Ru-111



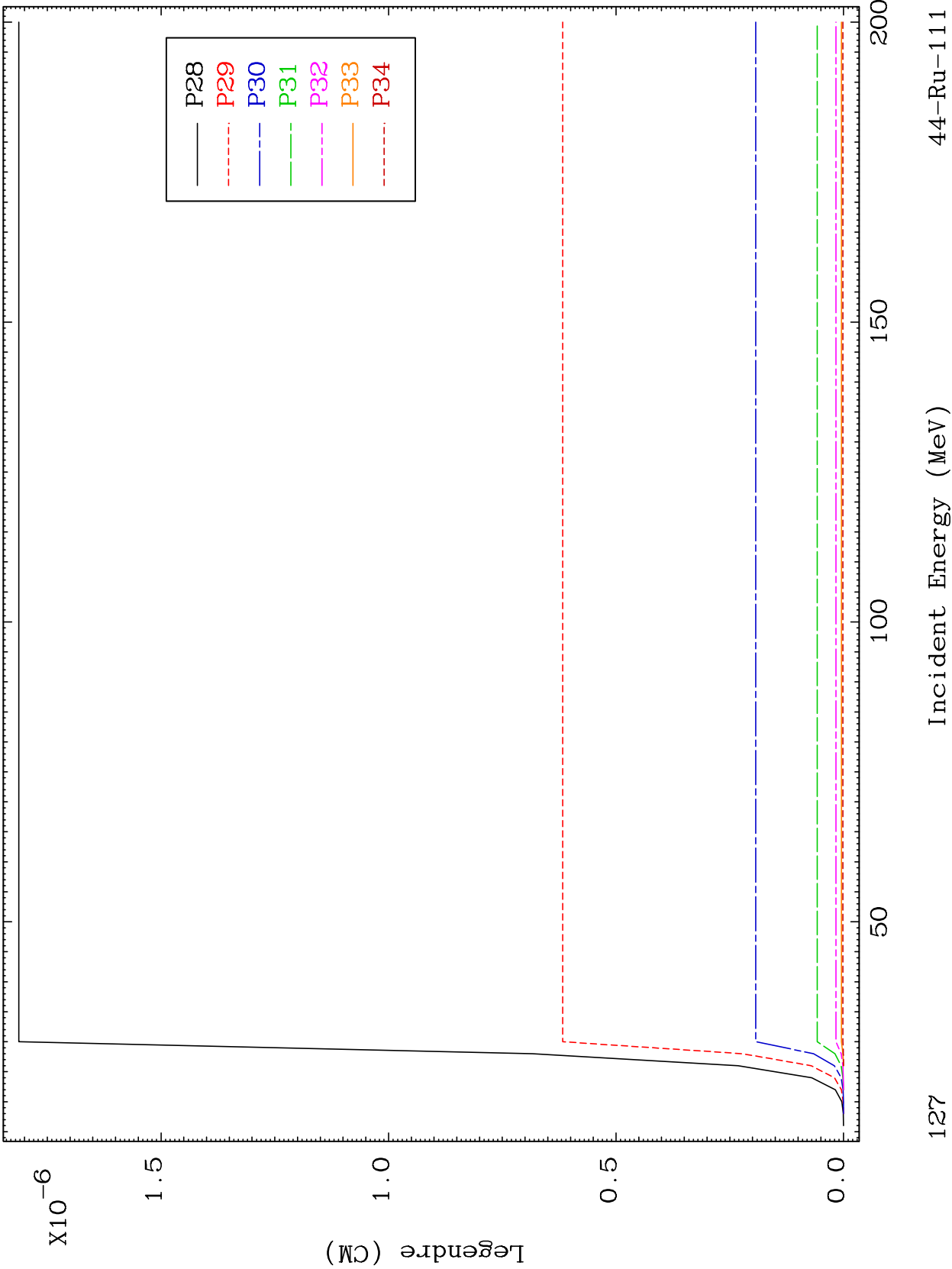
126

44-Ru-111

MAT 4470

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

44-Ru-111



127

Incident Energy (MeV)

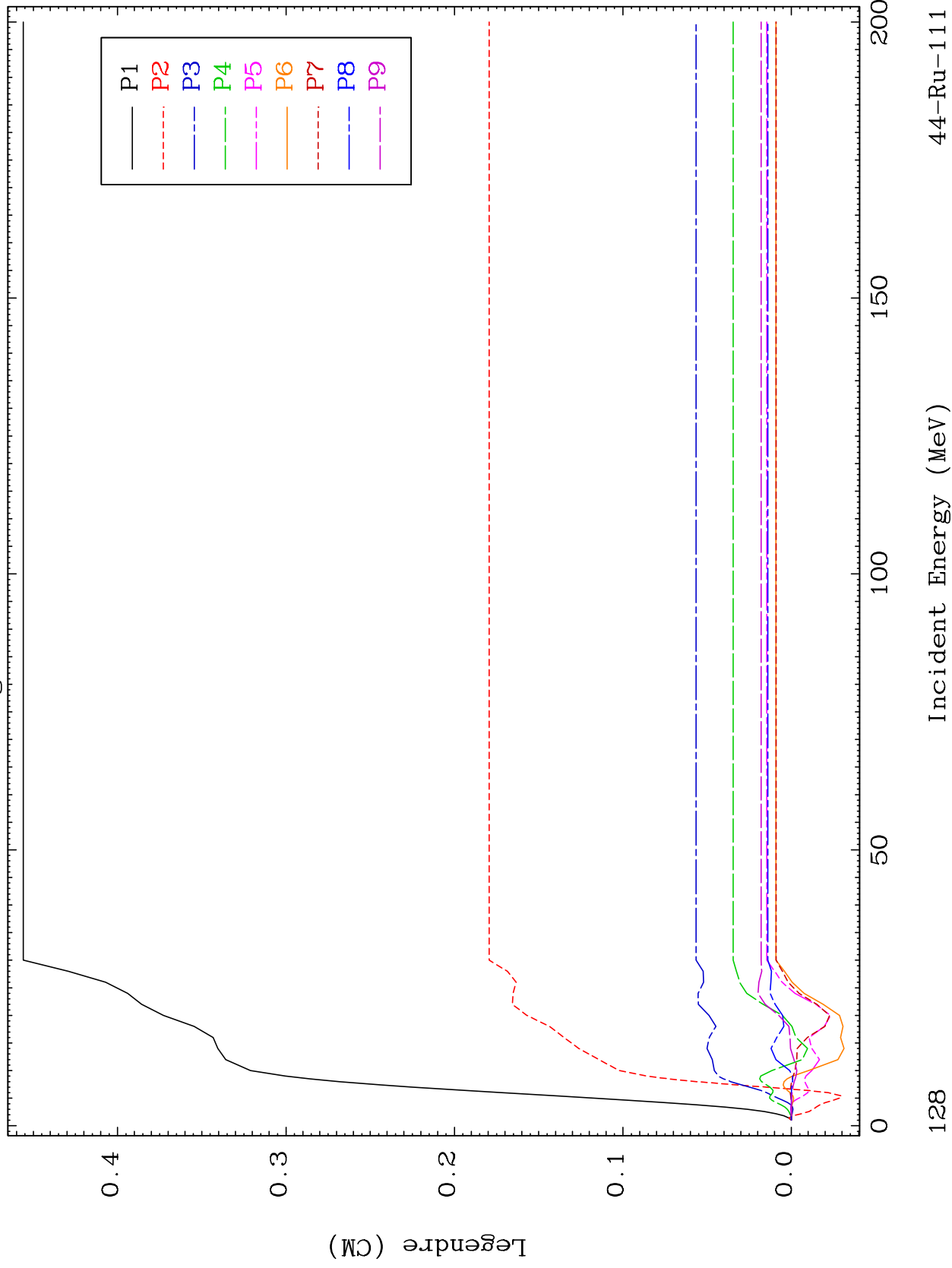
44-Ru-111



MAT 4470

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

44-Ru-111

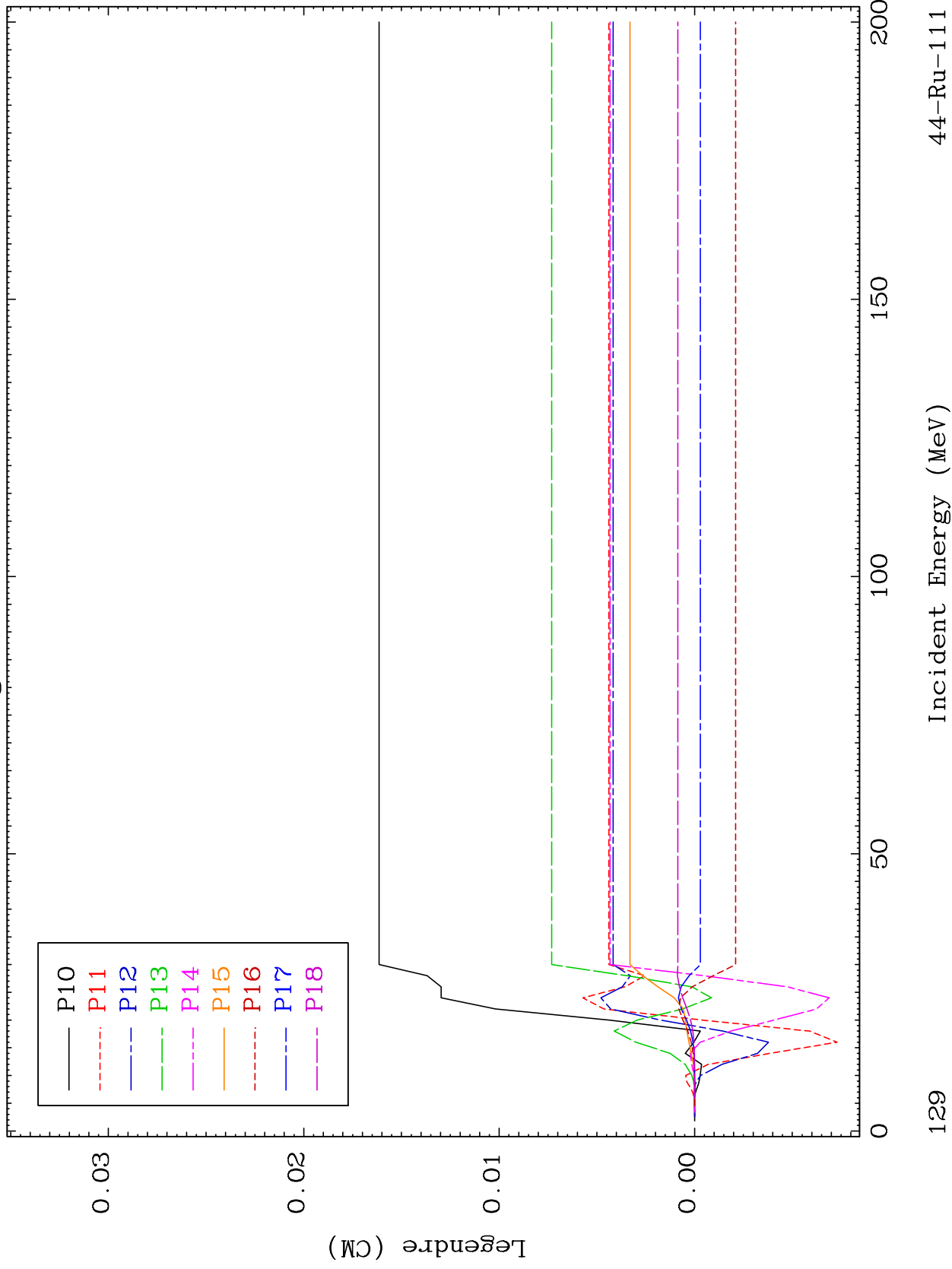


128

MAT 4470

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

44-Ru-111



129

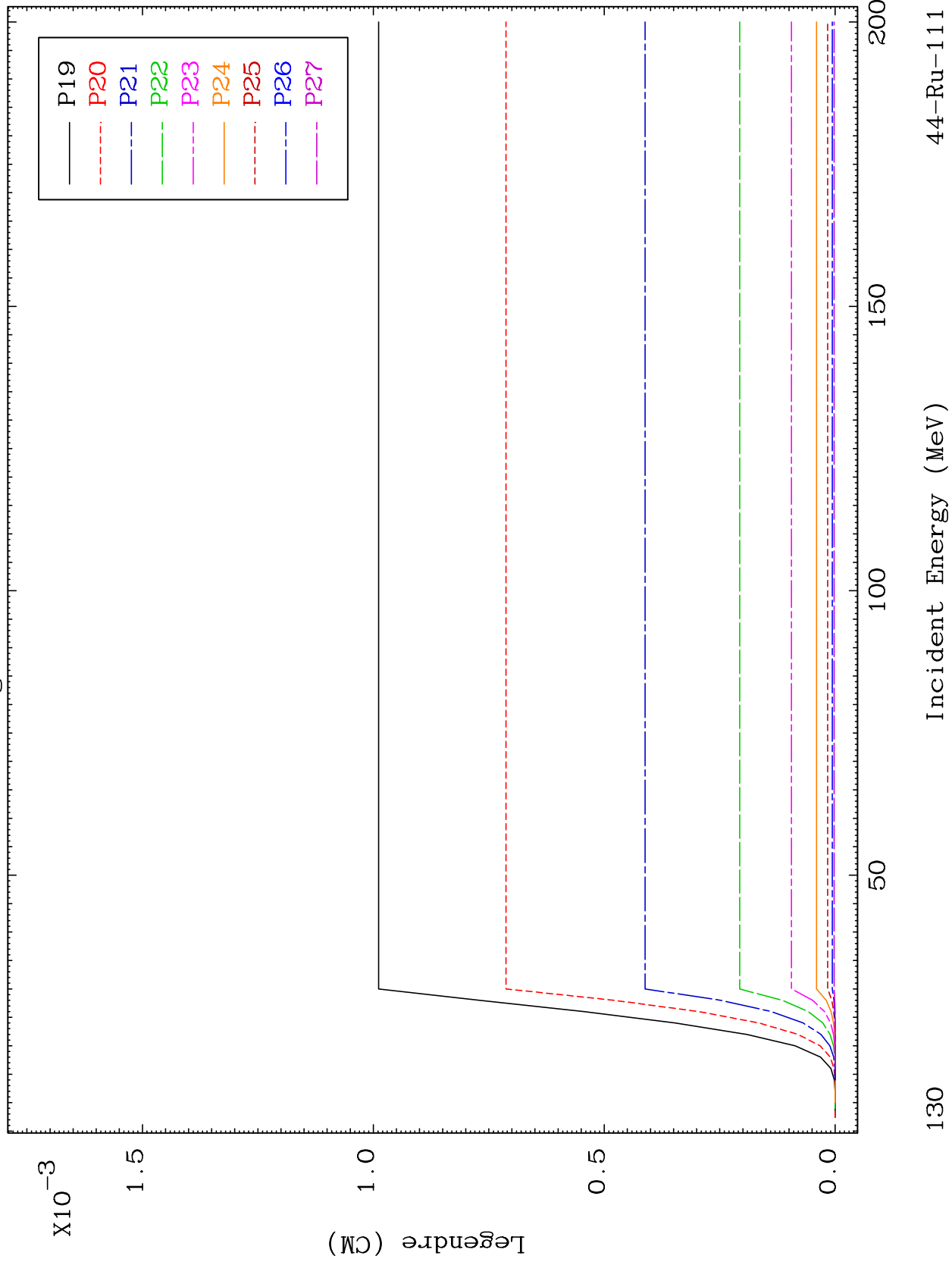
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



130

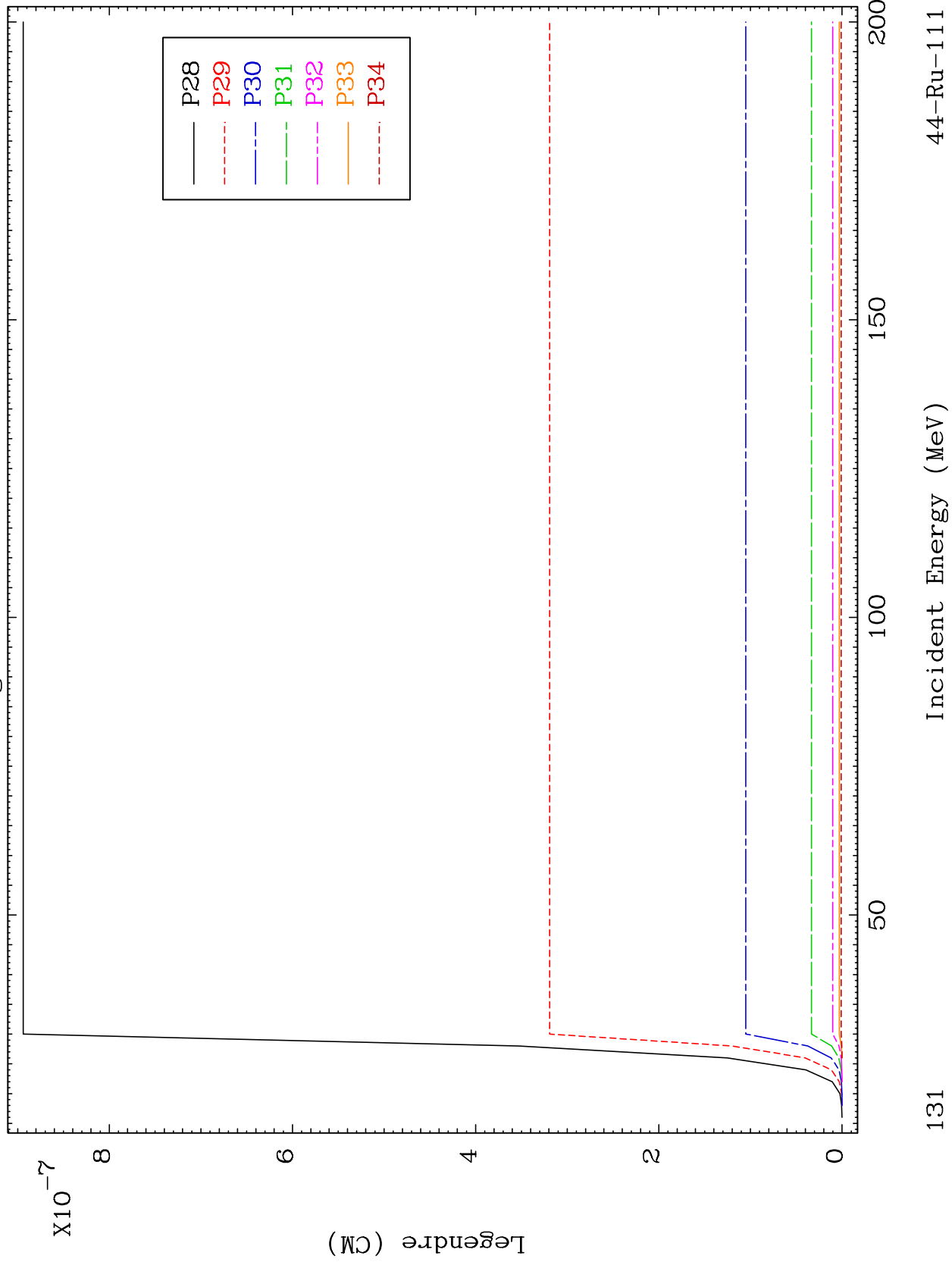
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



131

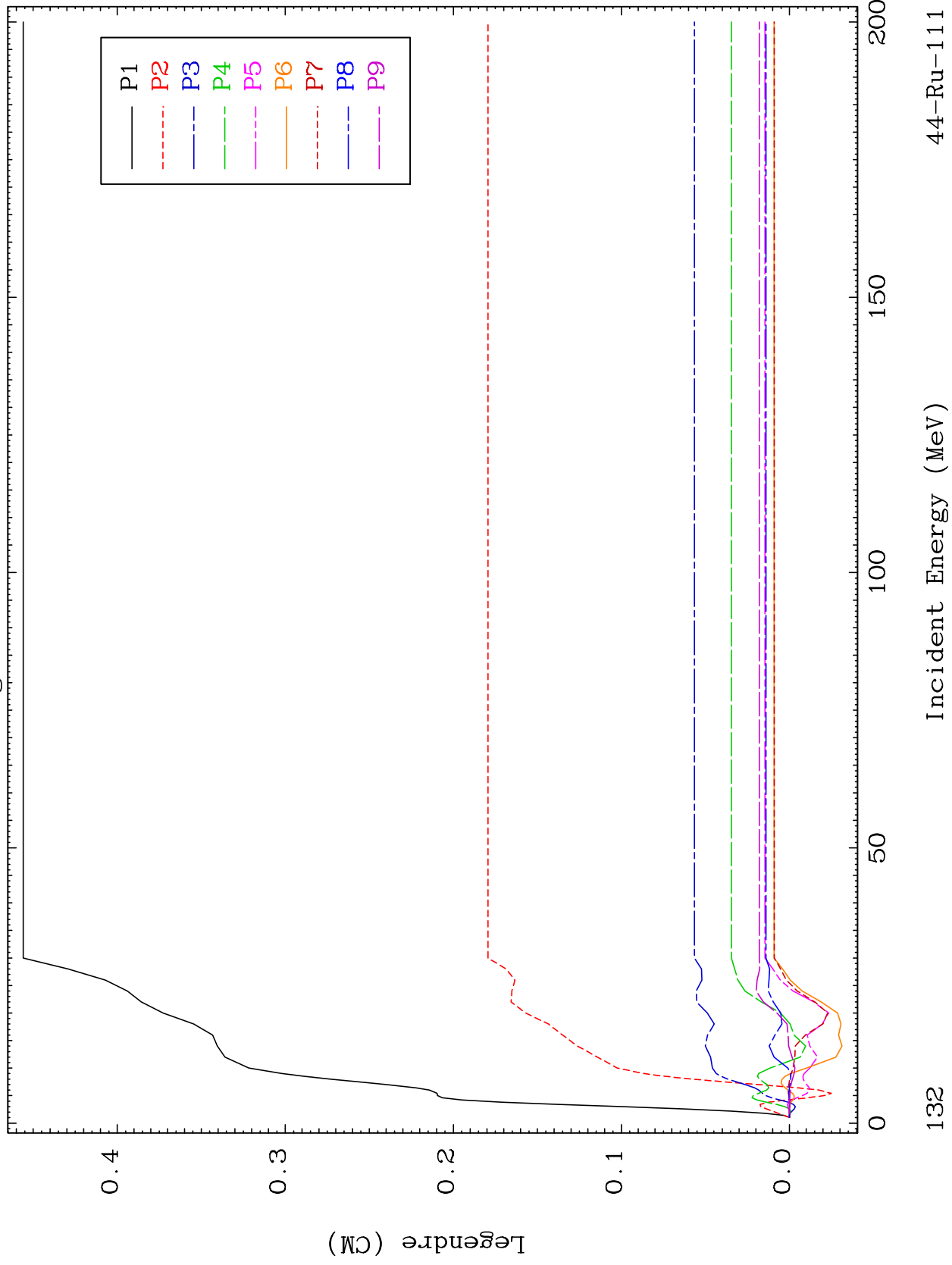
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111



44-Ru-111

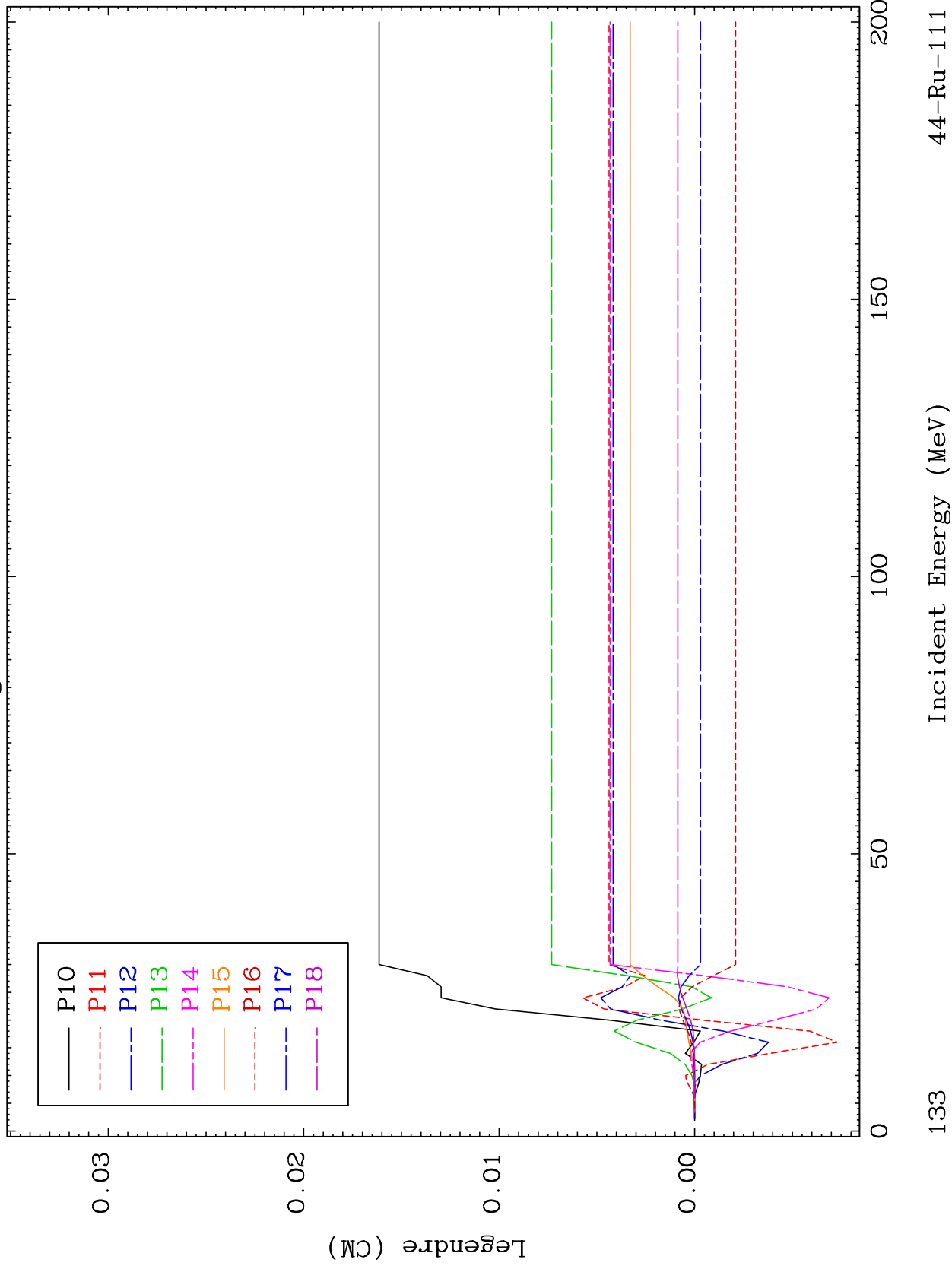
Incident Energy (MeV)

132

MAT 4470

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

44-Ru-111



133

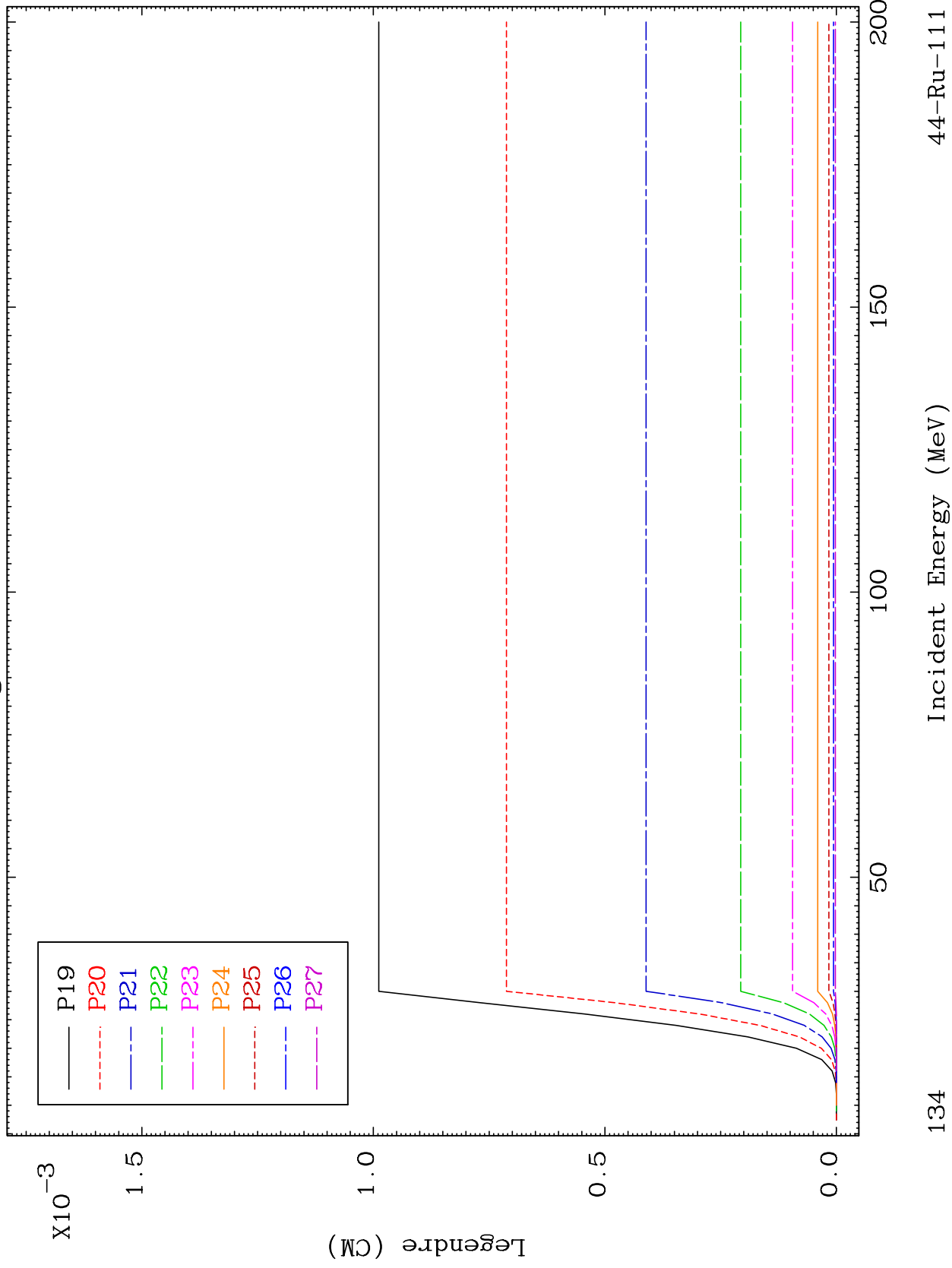
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

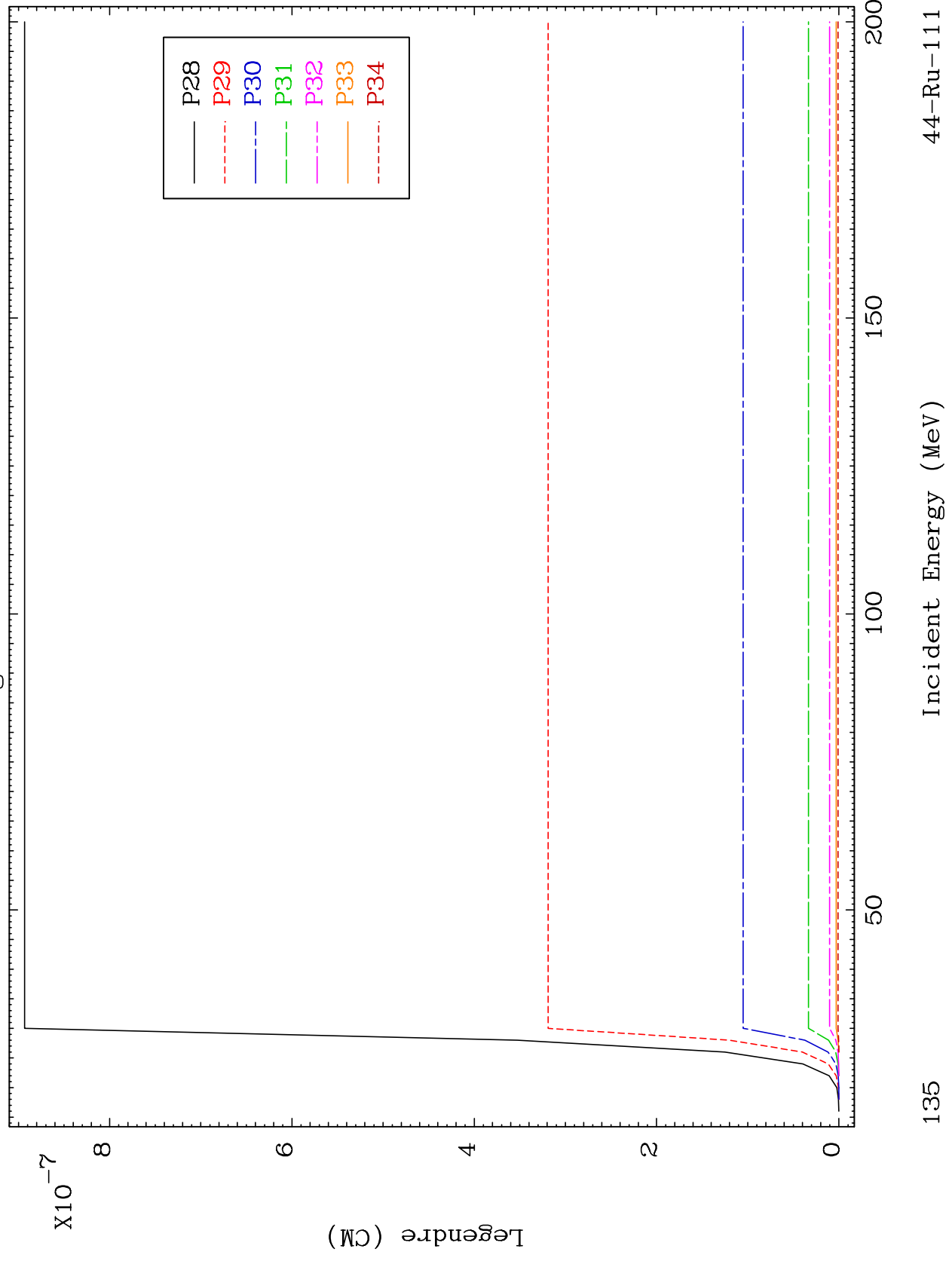


134

MAT 4470

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

44-Ru-111



44-Ru-111

Incident Energy (MeV)

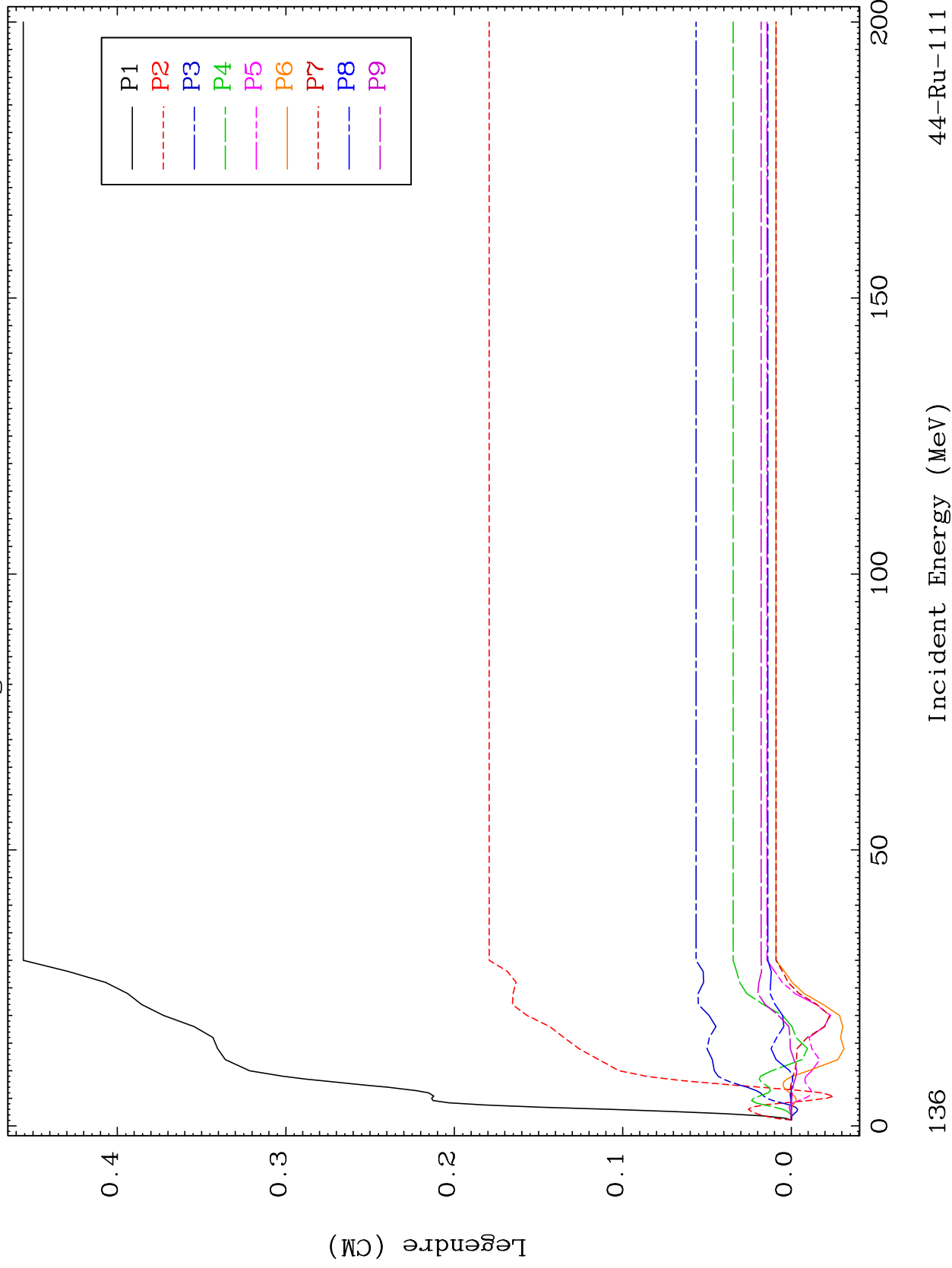
135



MAT 4470

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

44-Ru-111



44-Ru-111

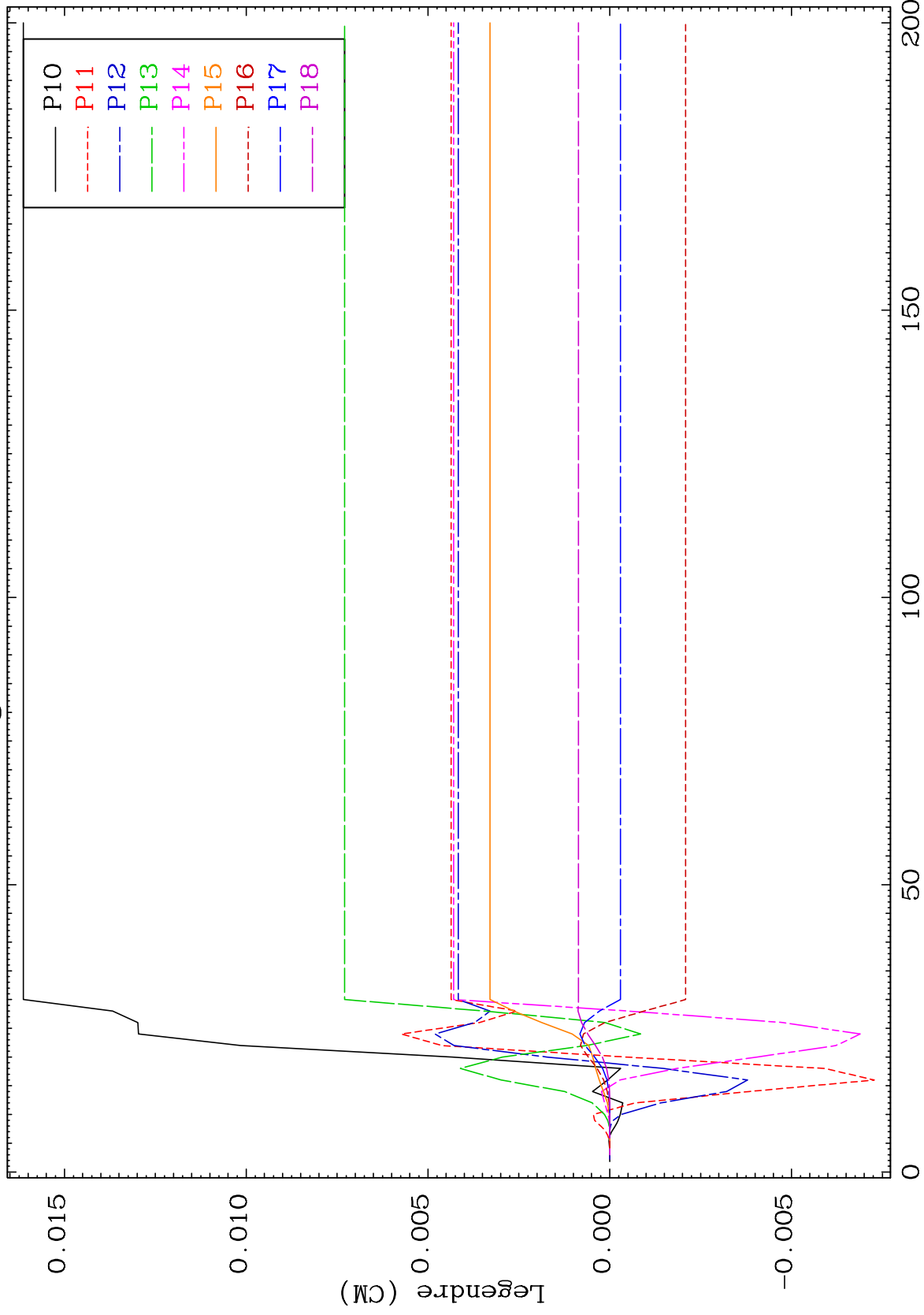
Incident Energy (MeV)

136

MAT 4470

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

44-Ru-111



137

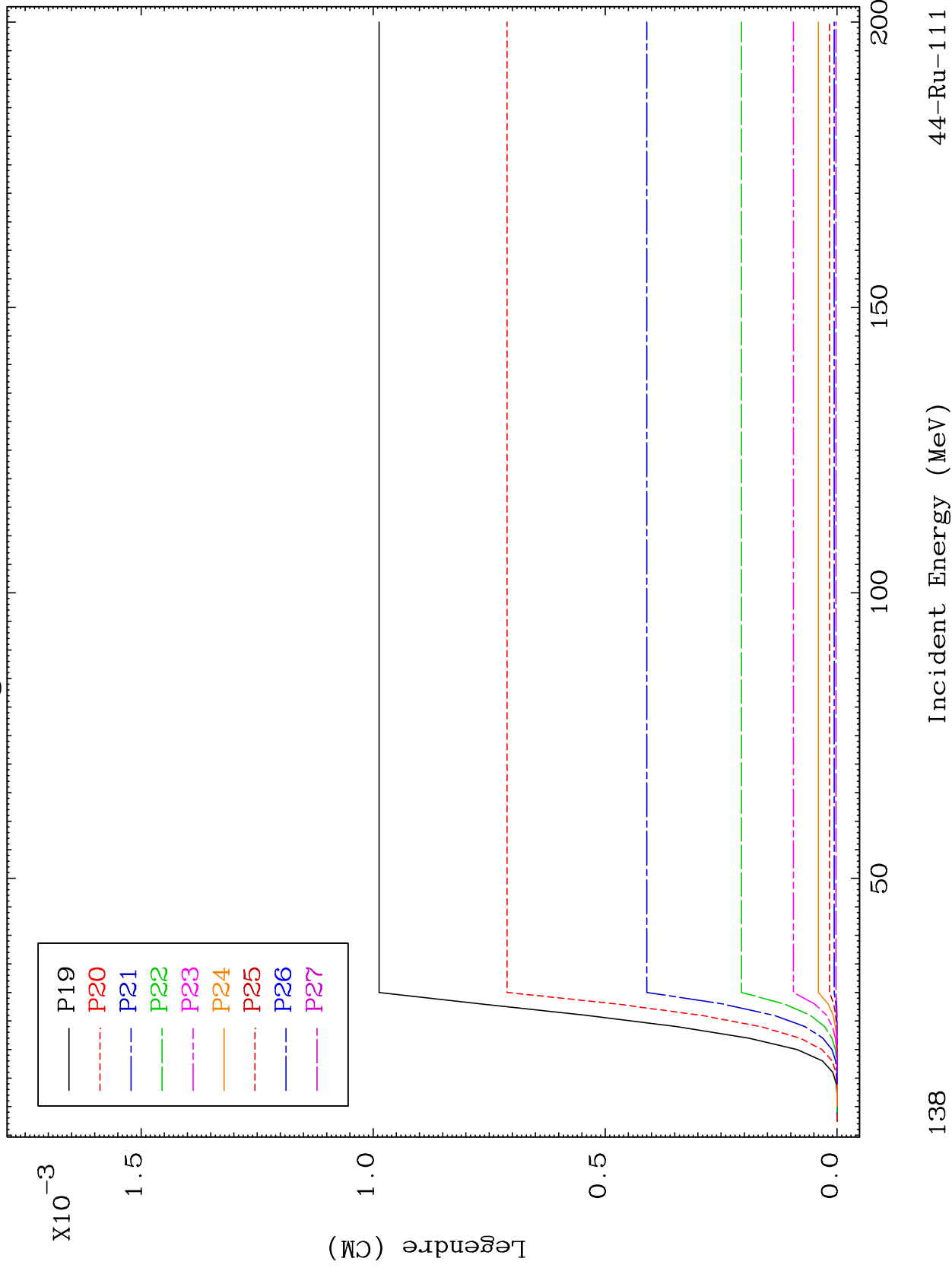
Incident Energy (MeV)

44-Ru-111

MAT 4470

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

44-Ru-111

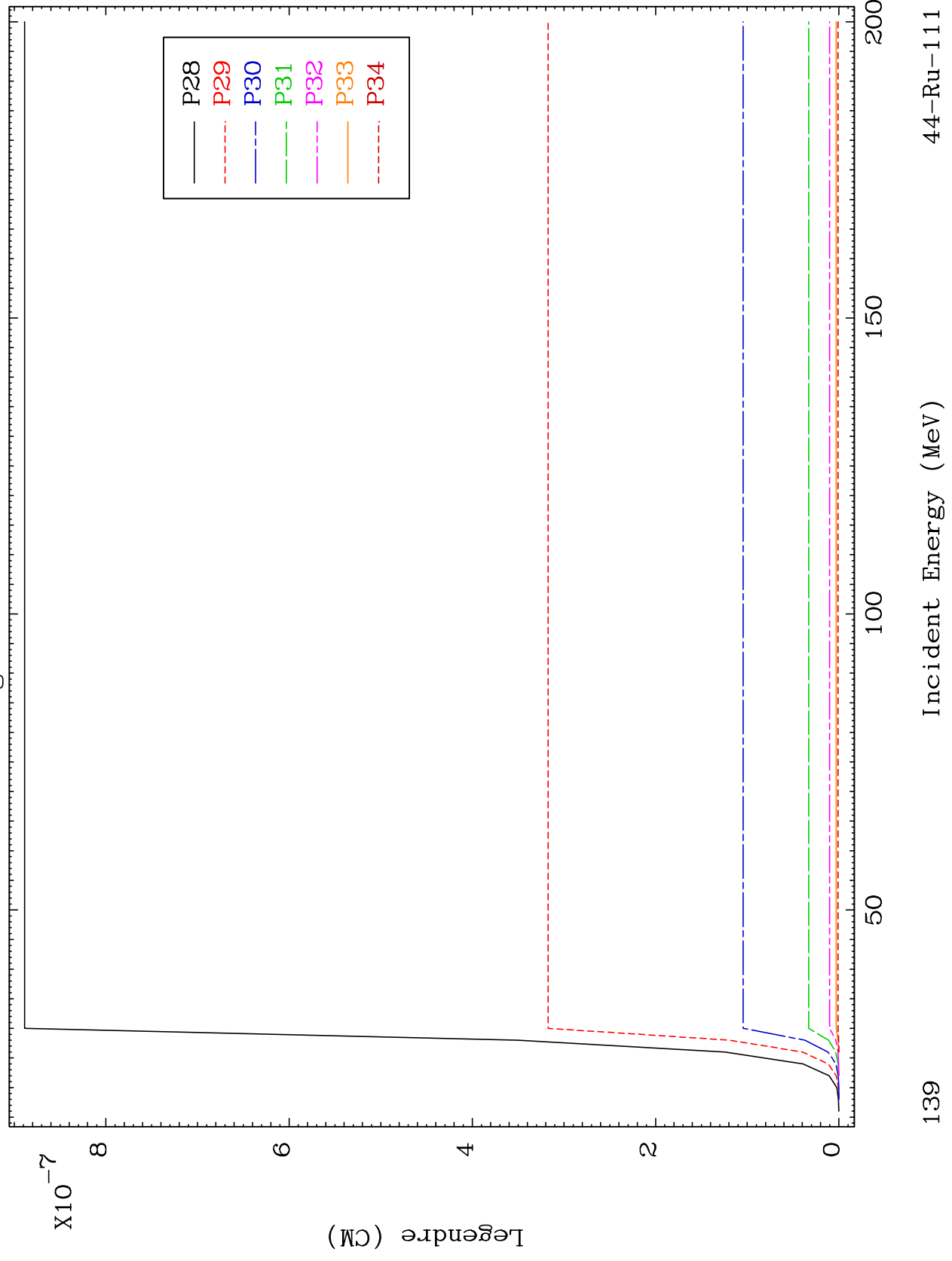


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MAT 4470

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

44-Ru-111



139

Incident Energy (MeV)

44-Ru-111