

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

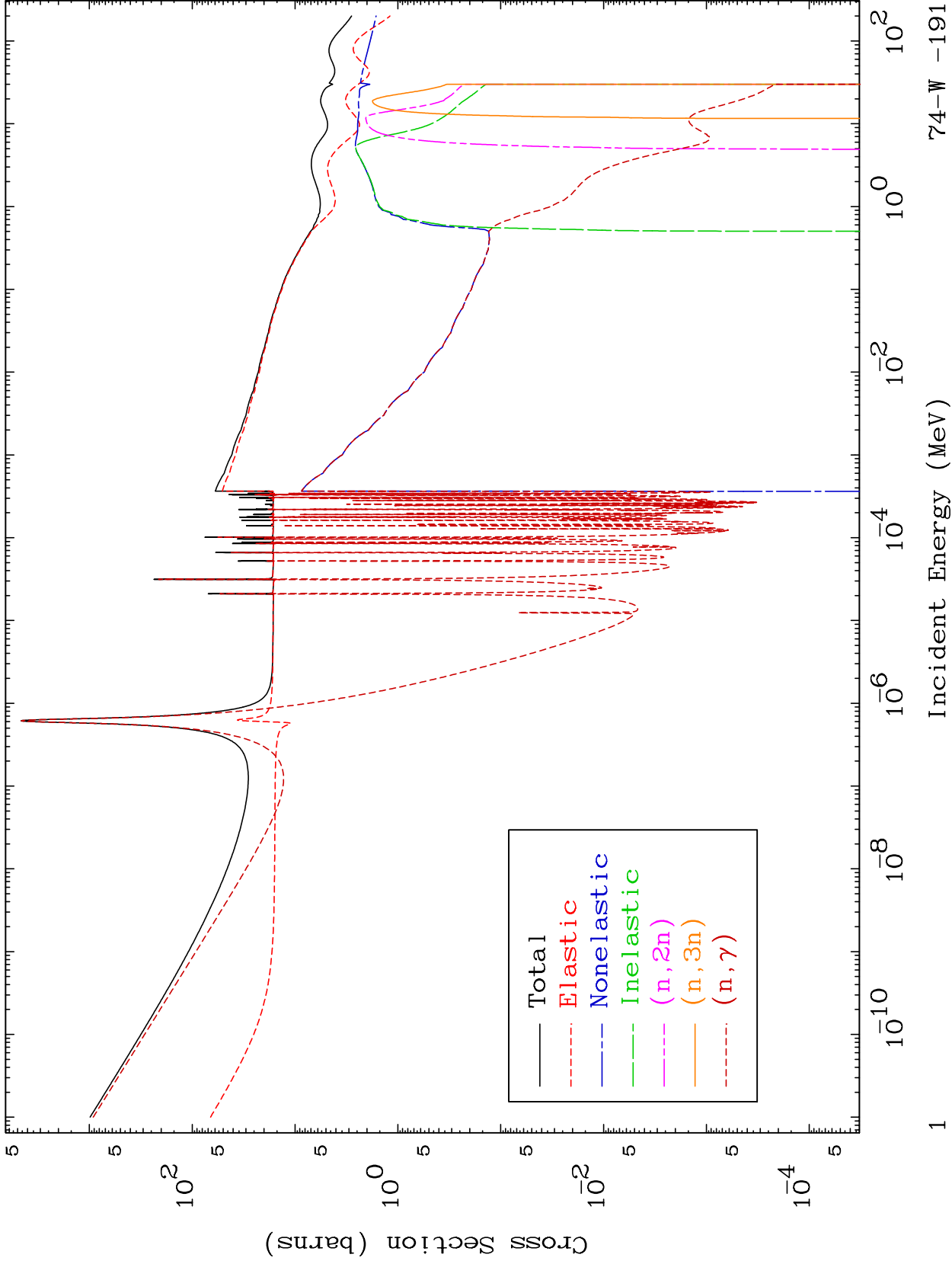
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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Tele: 925-443-1911

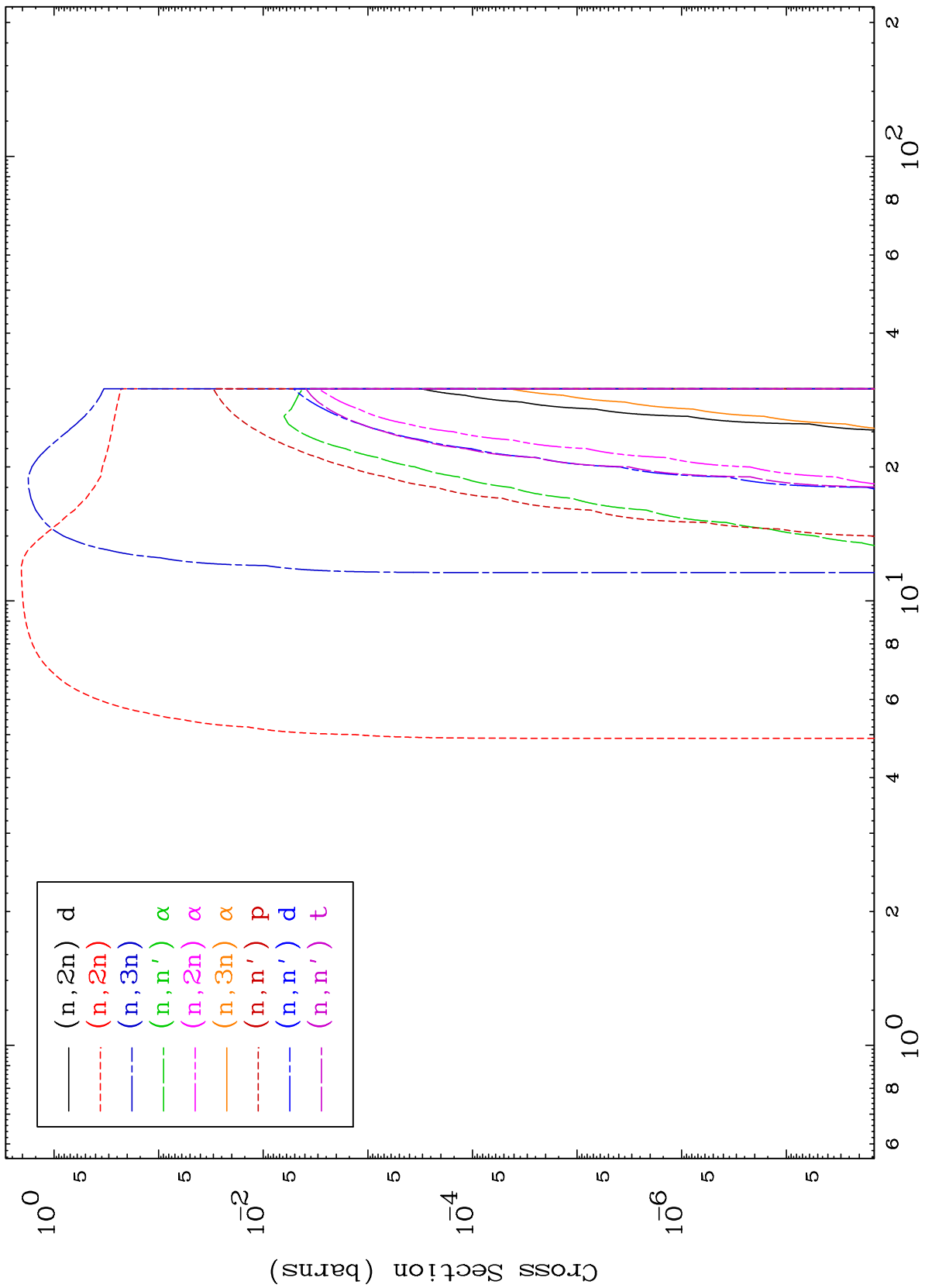
E.Mail:redcullen1@comcast.net

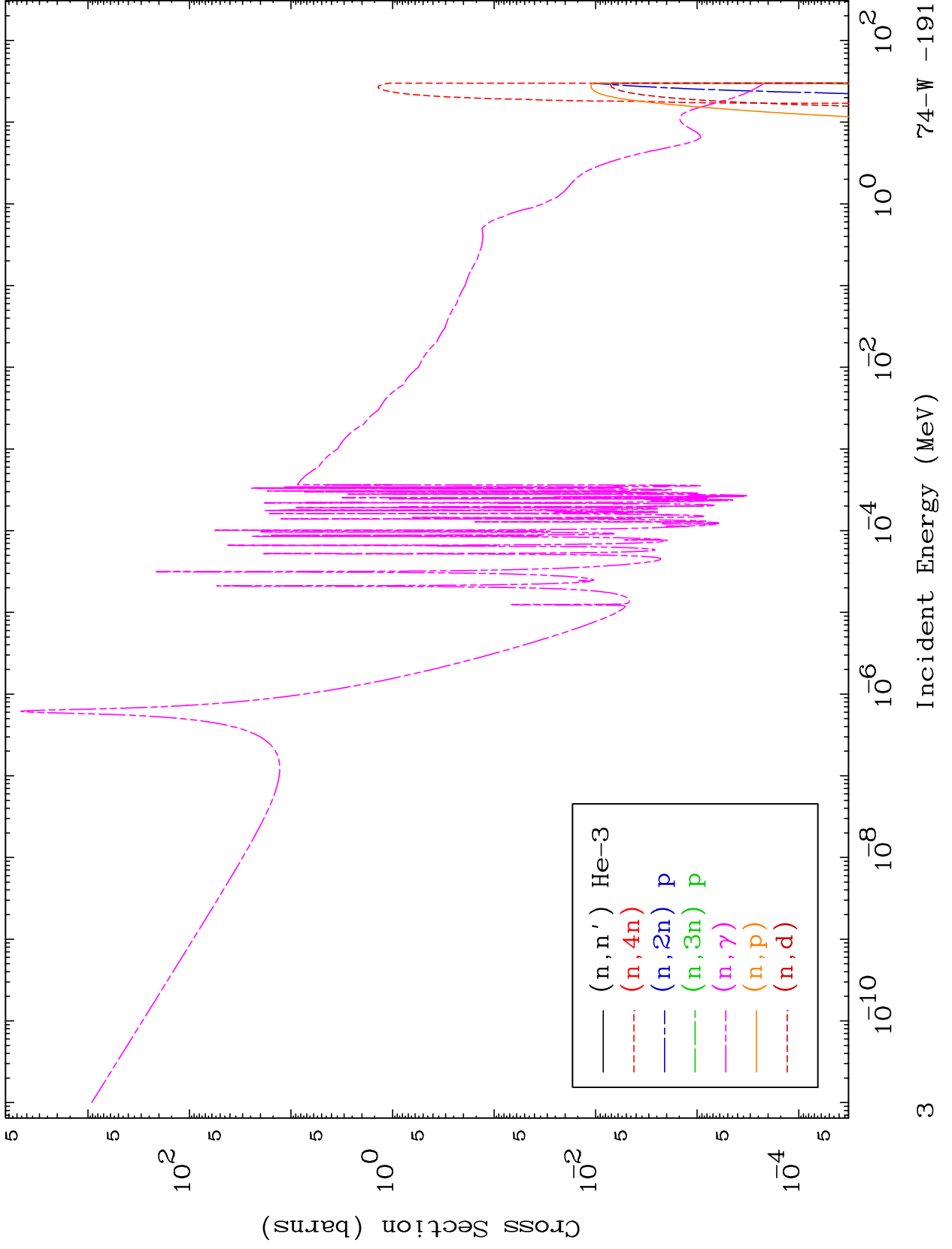
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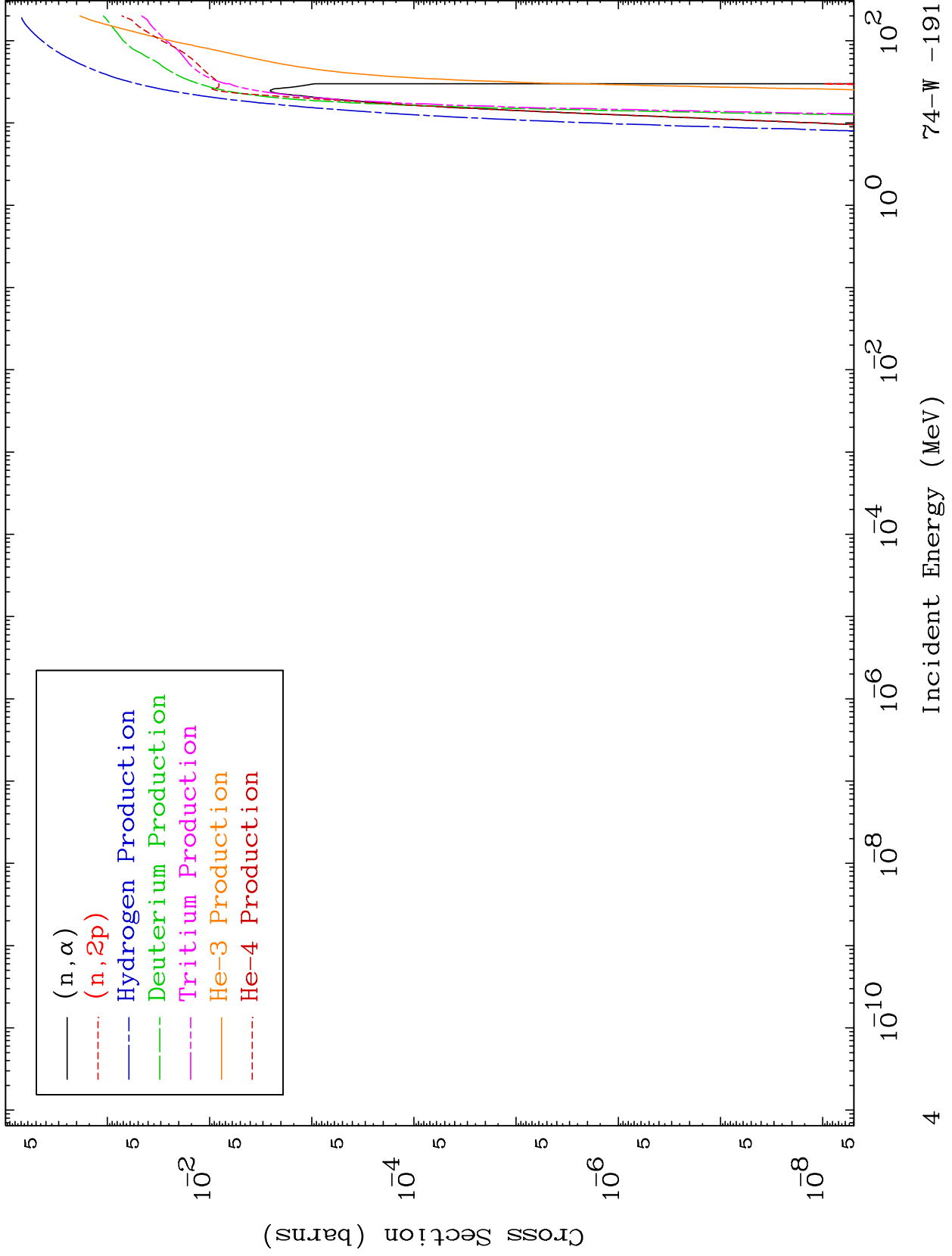
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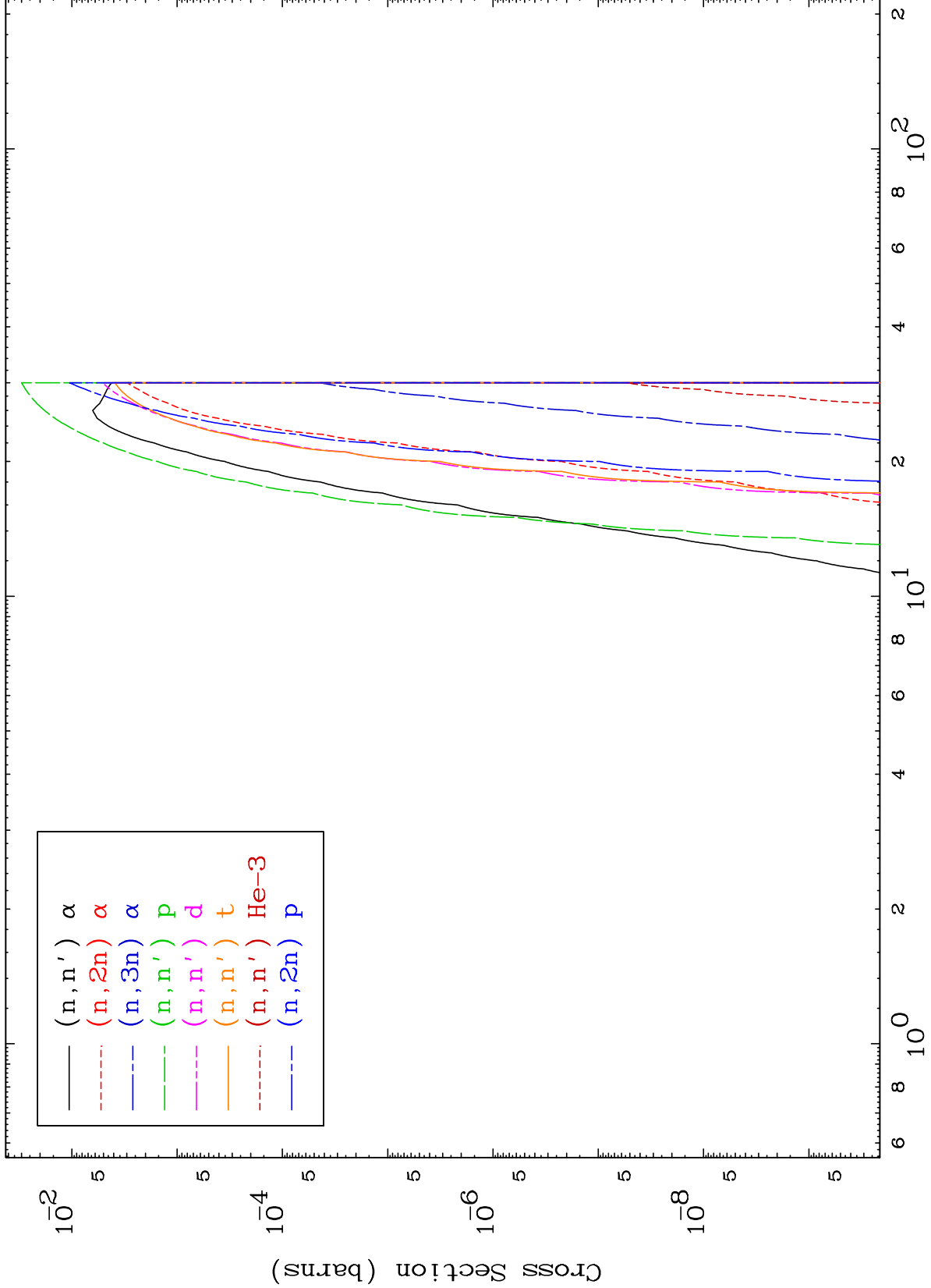


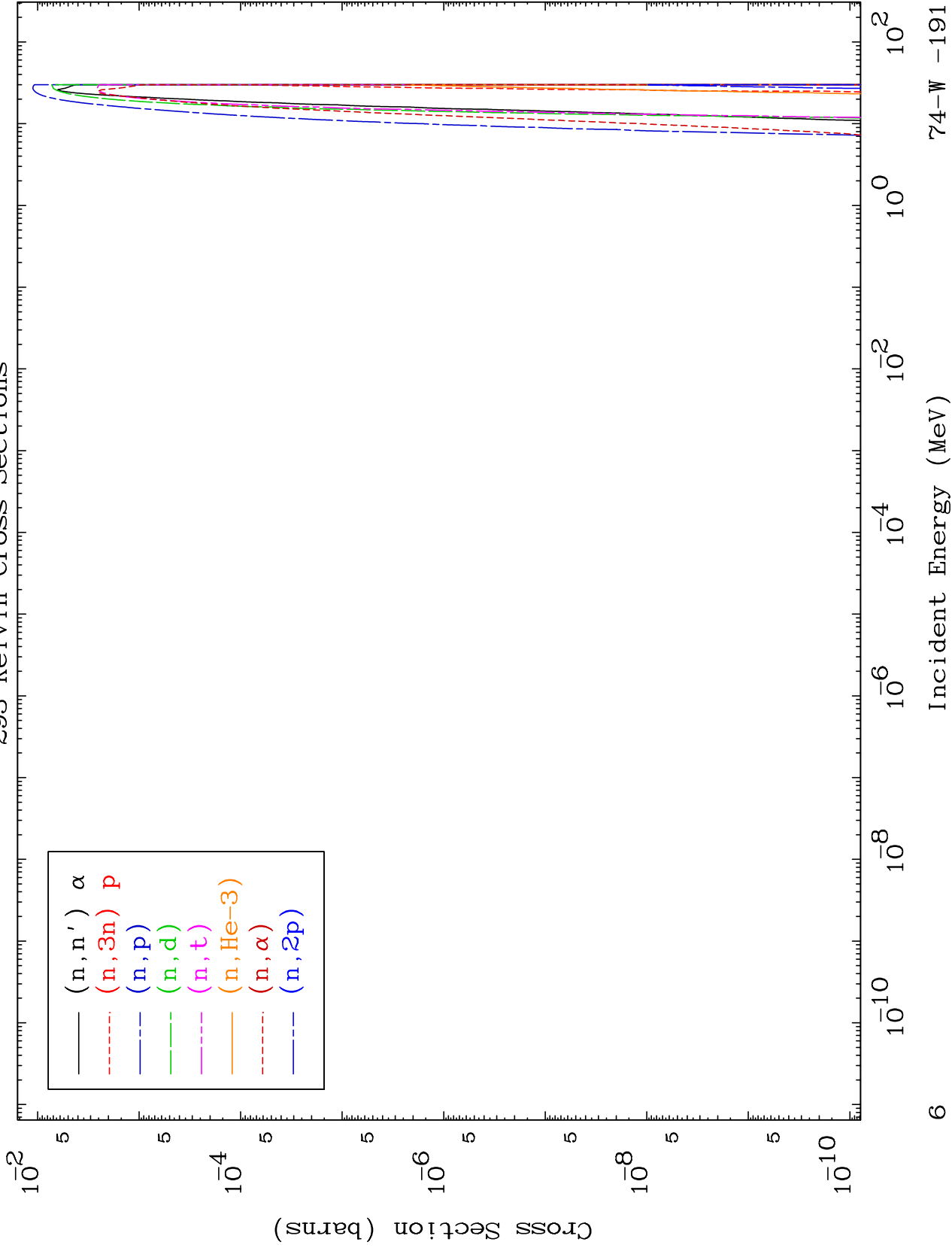
293 Kelvin Cross Sections

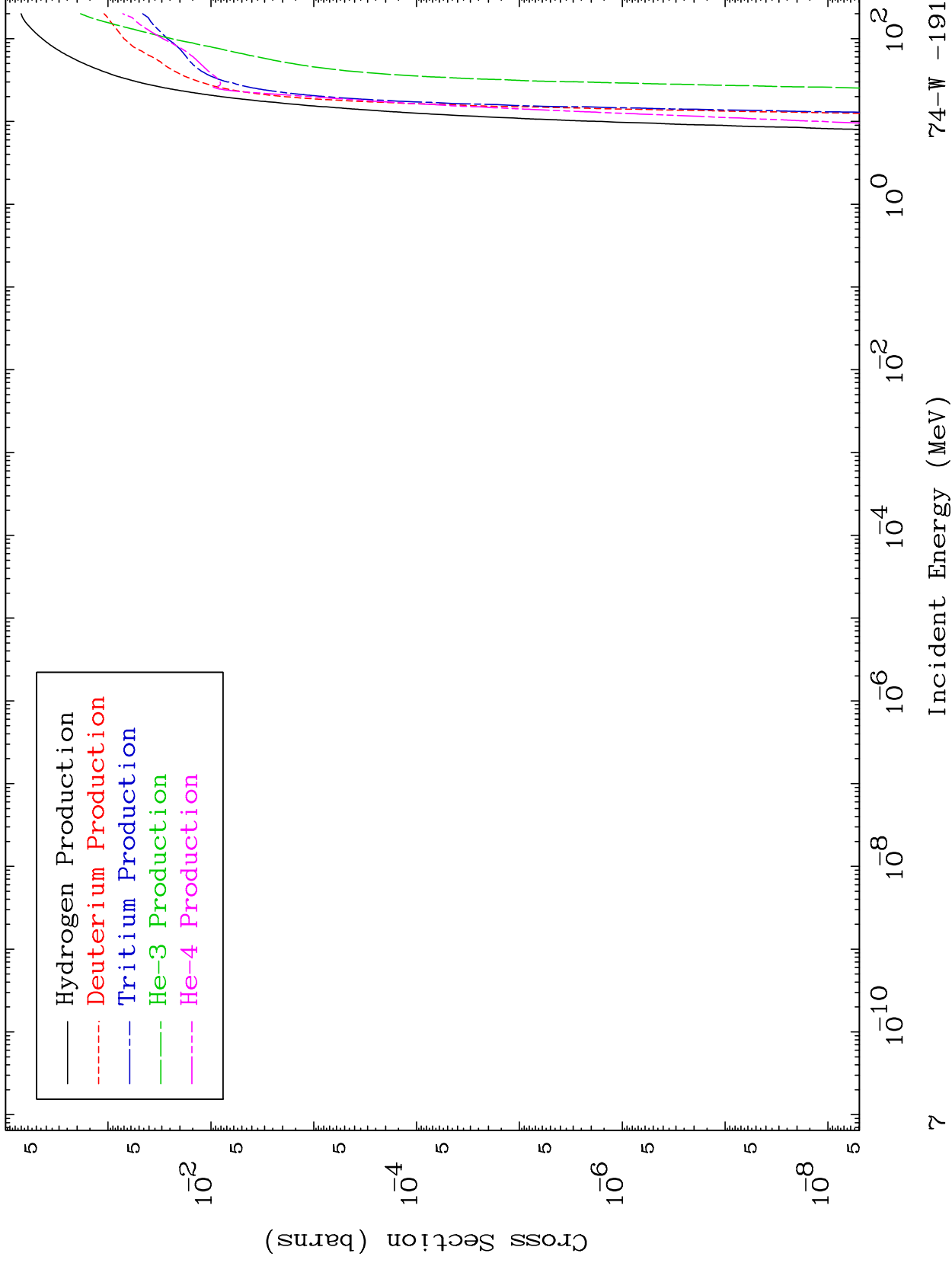




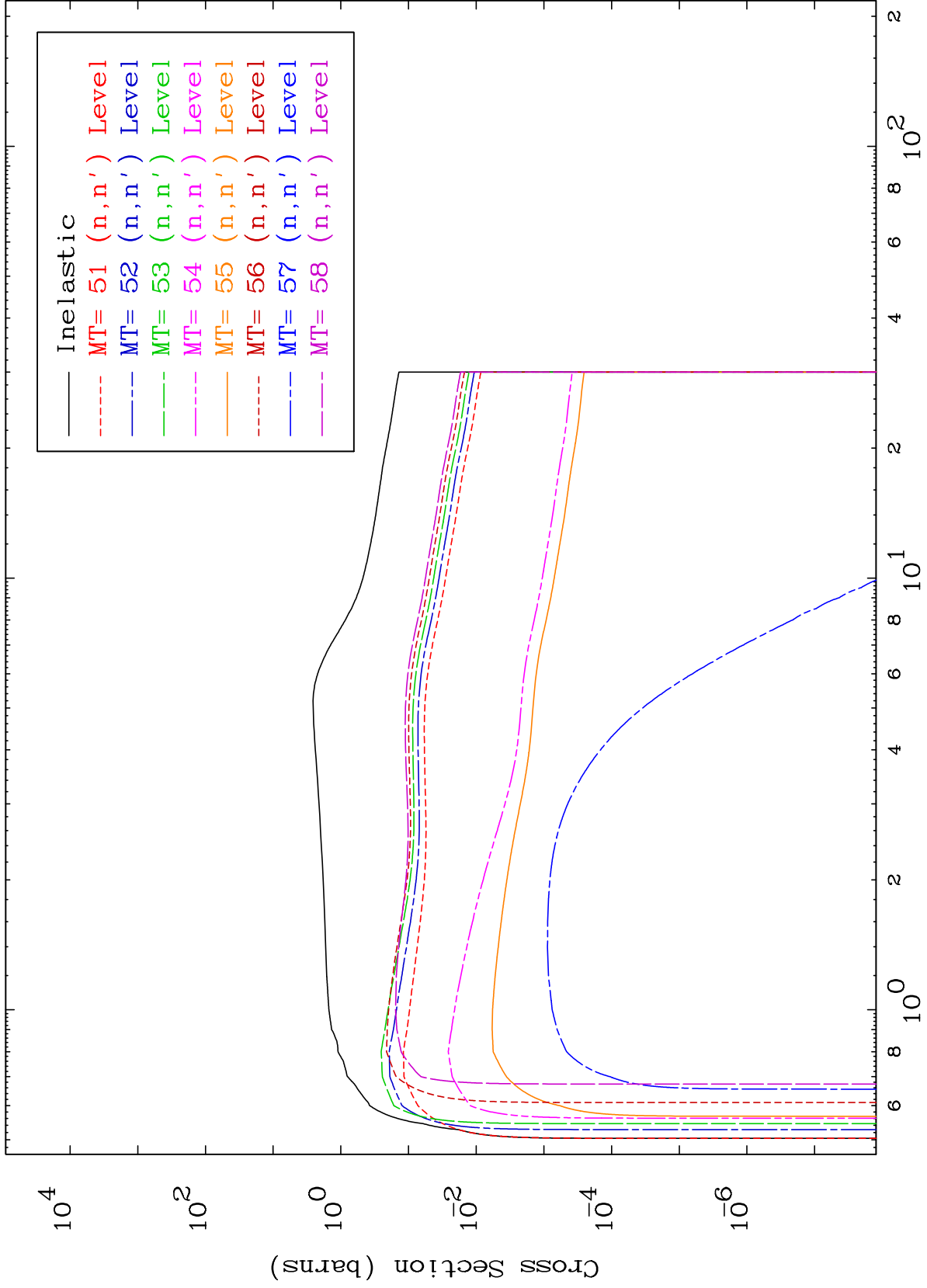


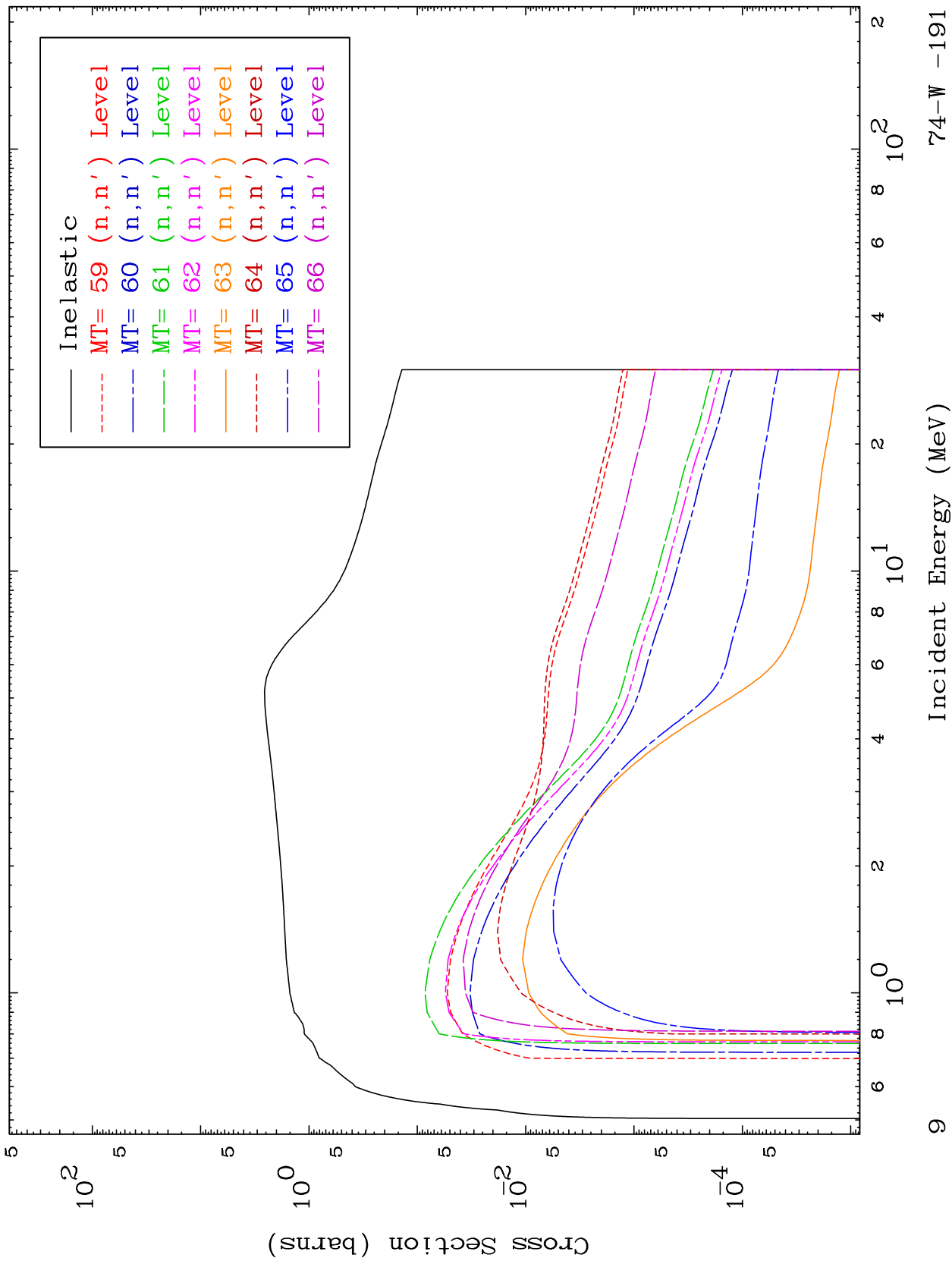






293 Kelvin Cross Sections



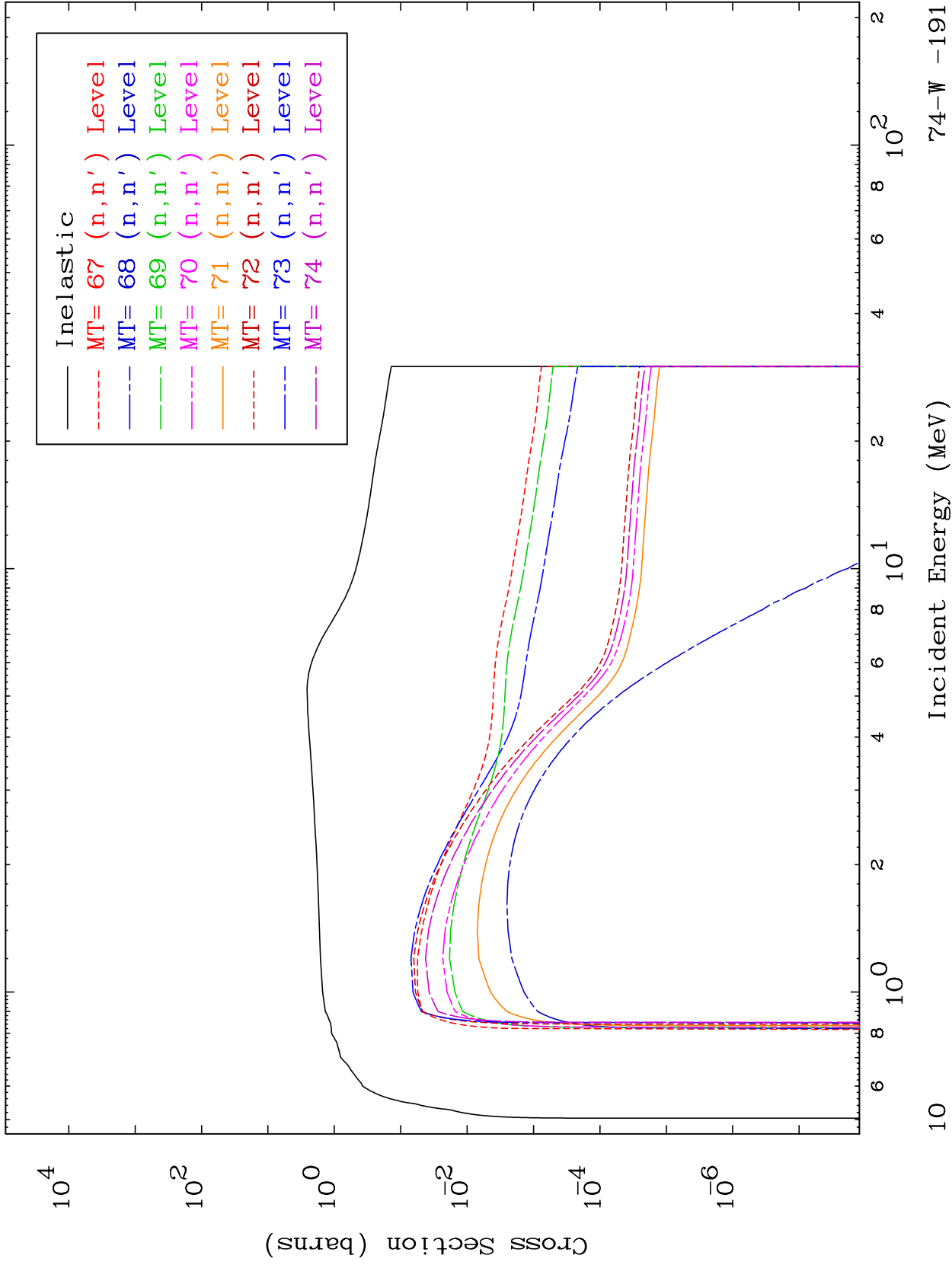


MAT 7458

(n,n') Levels

74-W -191

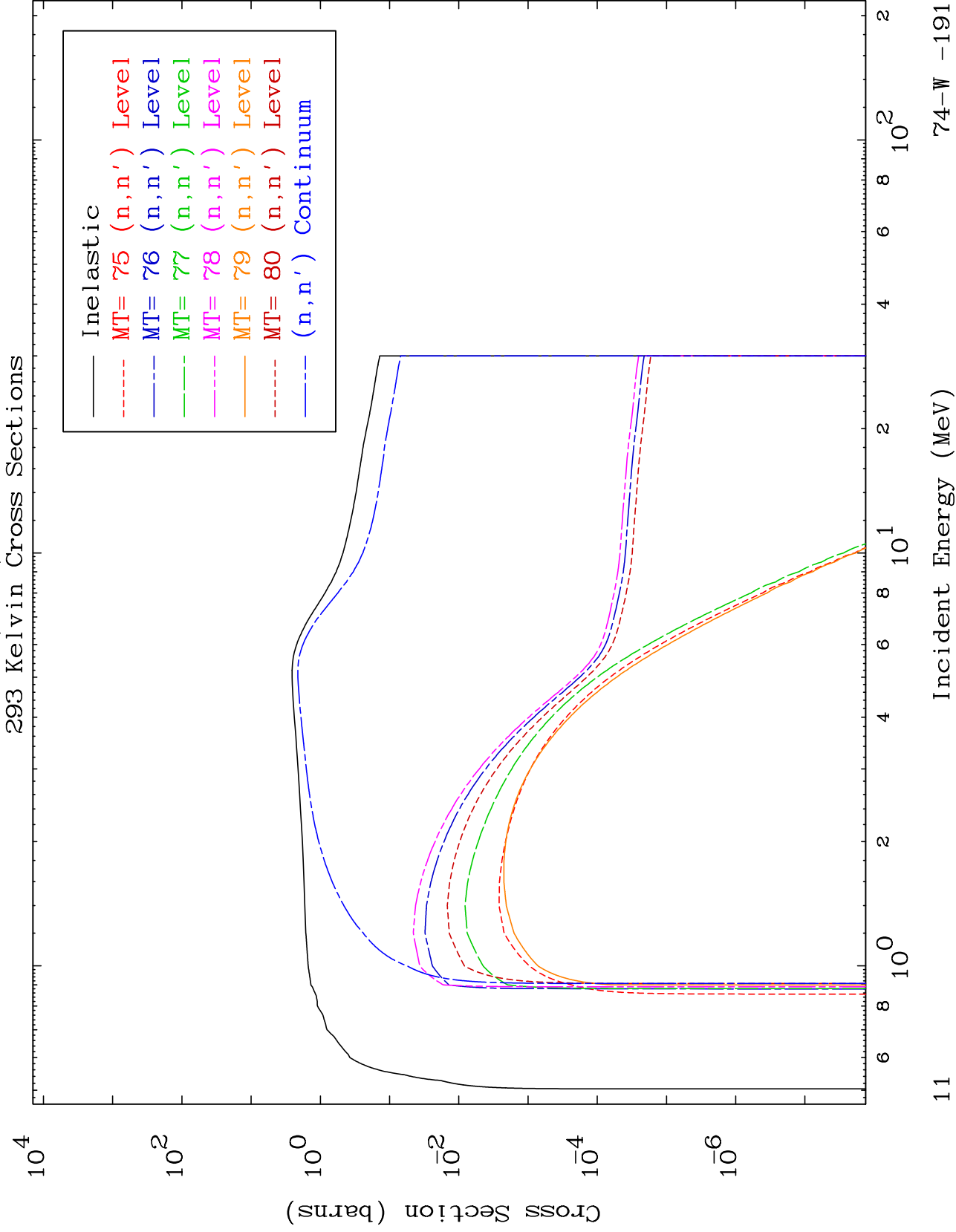
293 Kelvin Cross Sections



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Incident Energy (MeV)

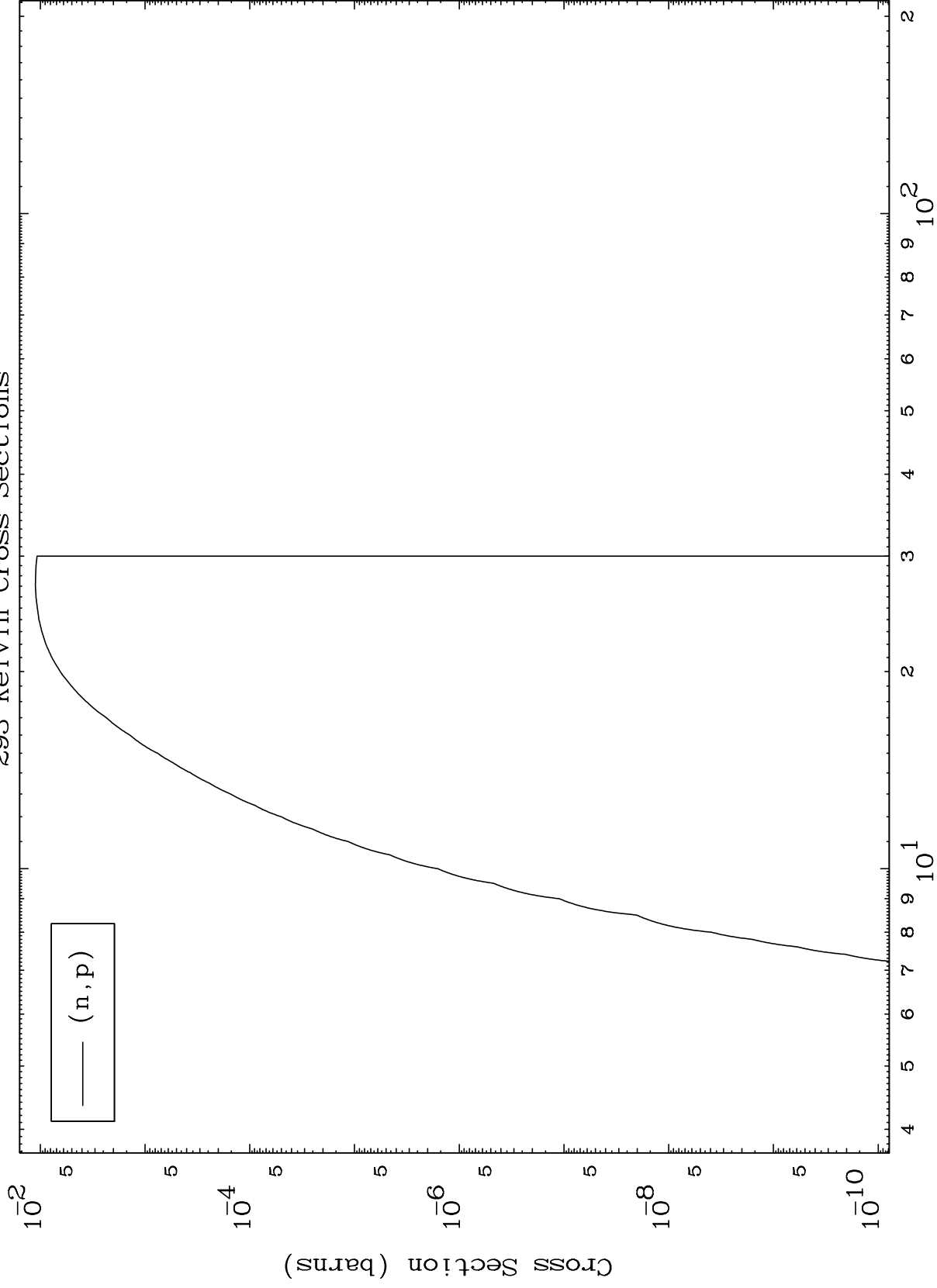
74-W -191



MAT 7458

(n,p) Levels
293 Kelvin Cross Sections

74-W -191



12

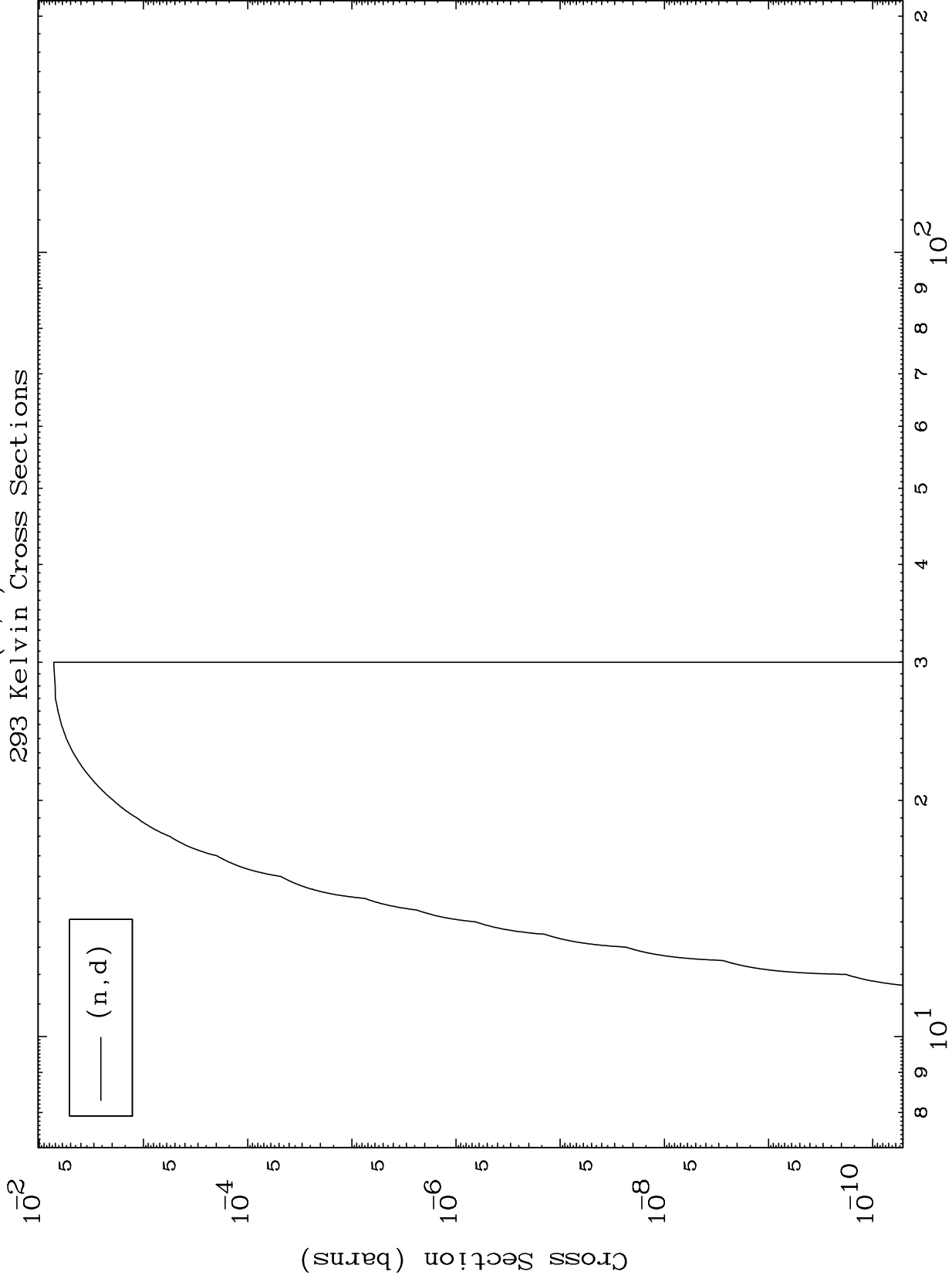
Incident Energy (MeV)

74-W -191

MAT 7458

(n,d) Levels
293 Kelvin Cross Sections

74-W -191



13

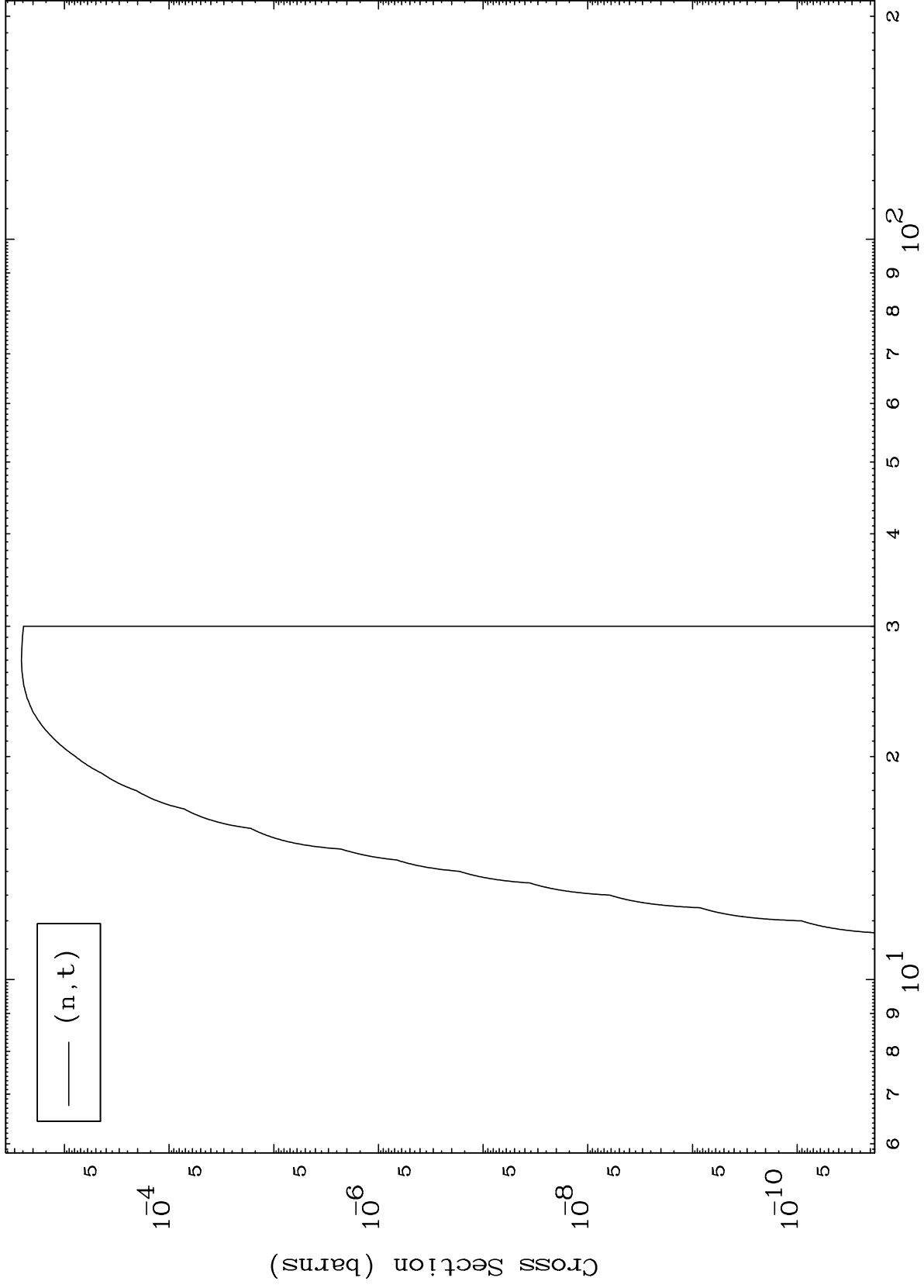
Incident Energy (MeV)

74-W -191

MAT 7458

(n,t) Levels
293 Kelvin Cross Sections

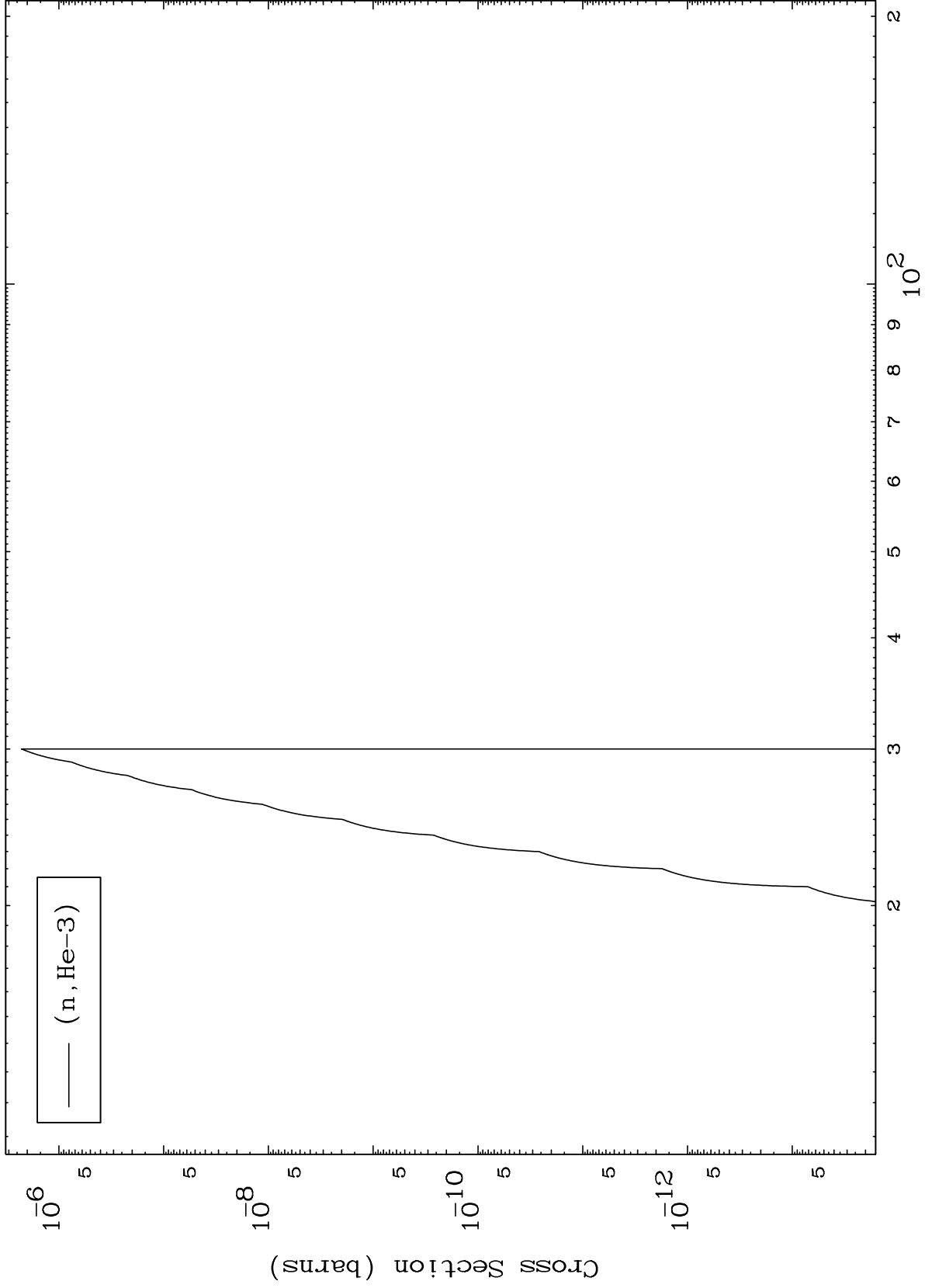
74-W -191



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Incident Energy (MeV)

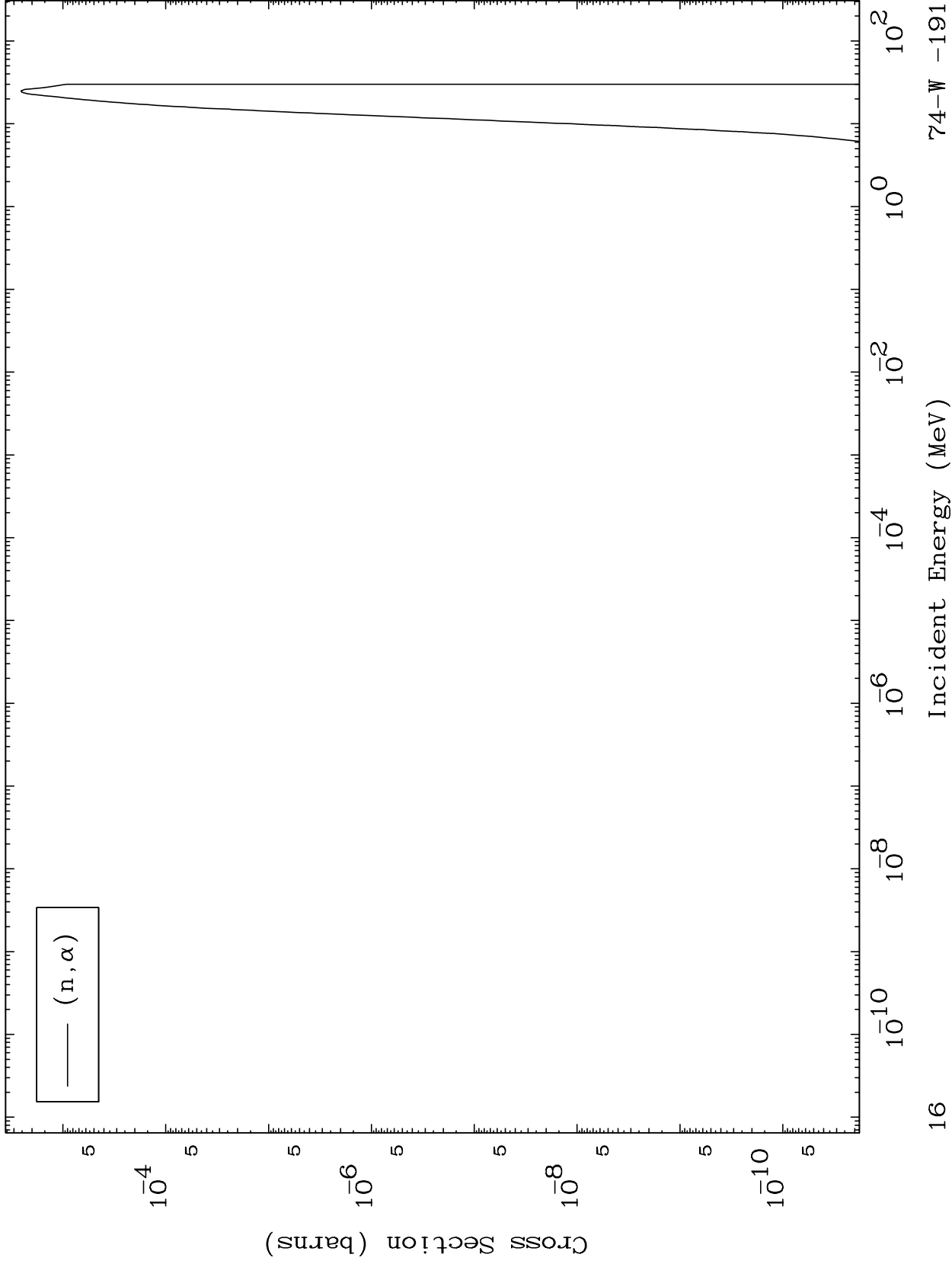
74-W -191



MAT 7458

(n, α) Levels
293 Kelvin Cross Sections

74-W -191



16

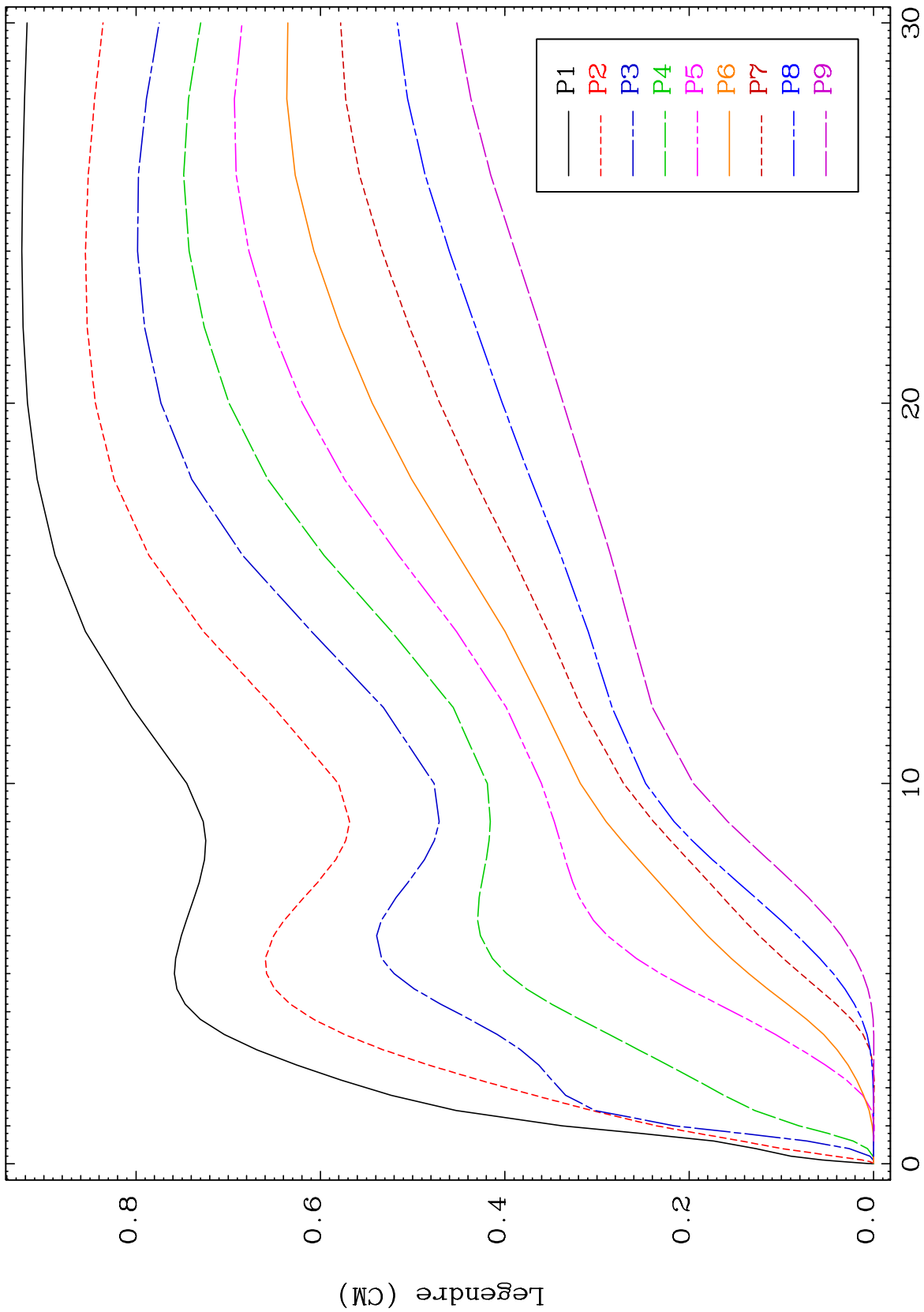
Incident Energy (MeV)

74-W -191

MAT 7458

74-W -191

Elastic Legendre Coefficients



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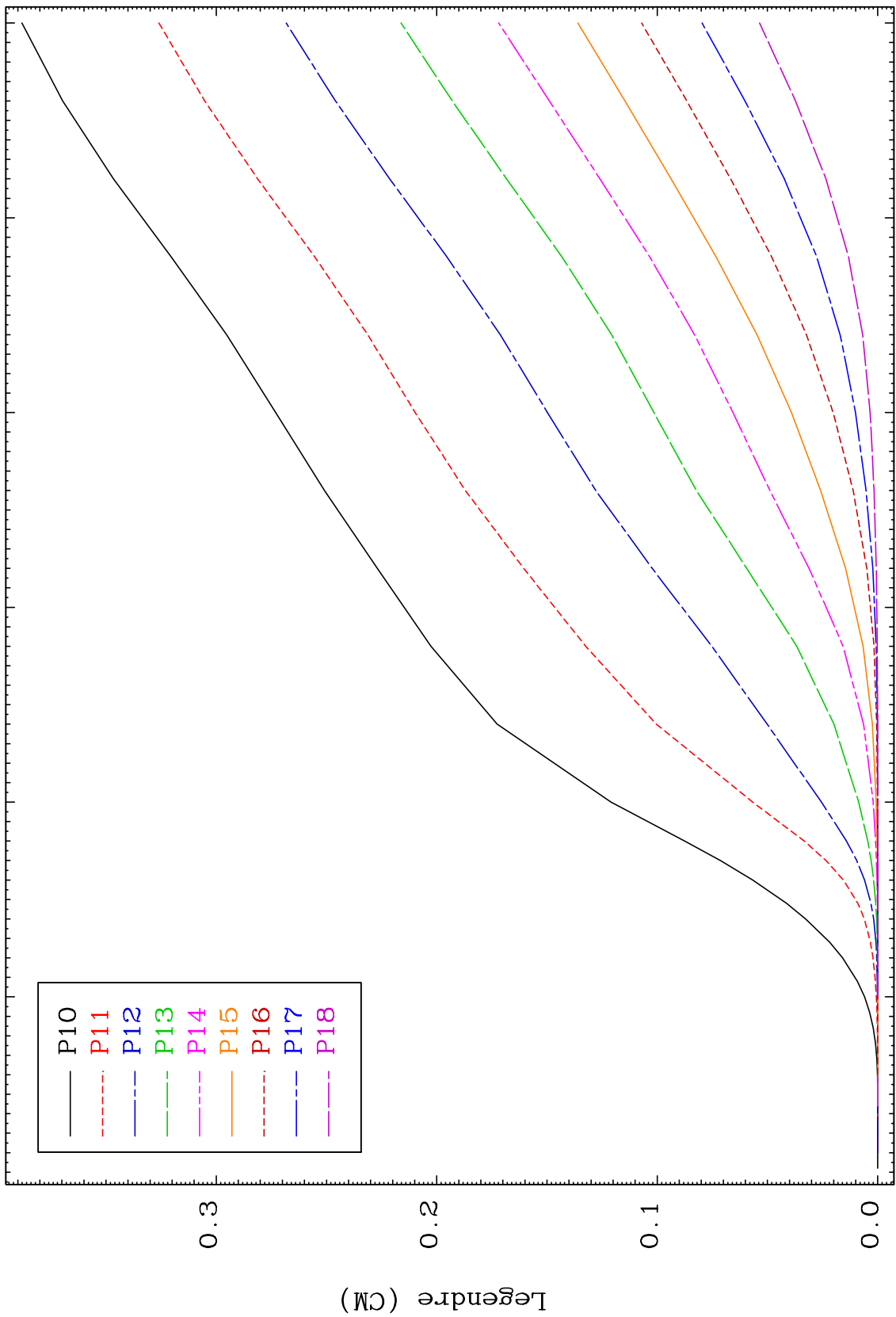
Incident Energy (MeV)

74-W -191

MAT 7458

Elastic Legendre Coefficients

74-W -191



18

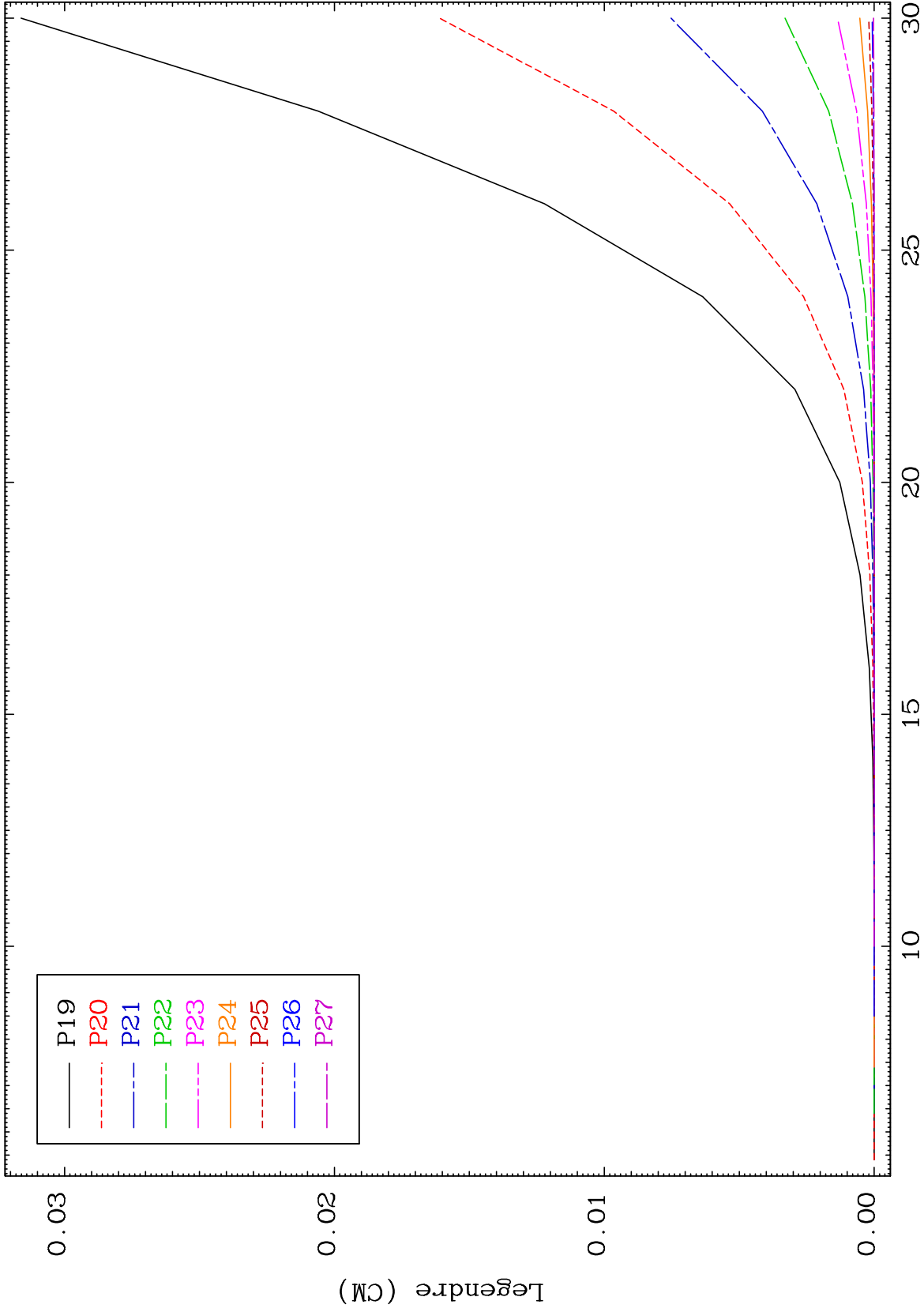
Incident Energy (MeV)

74-W -191

MAT 7458

Elastic Legendre Coefficients

74-W -191



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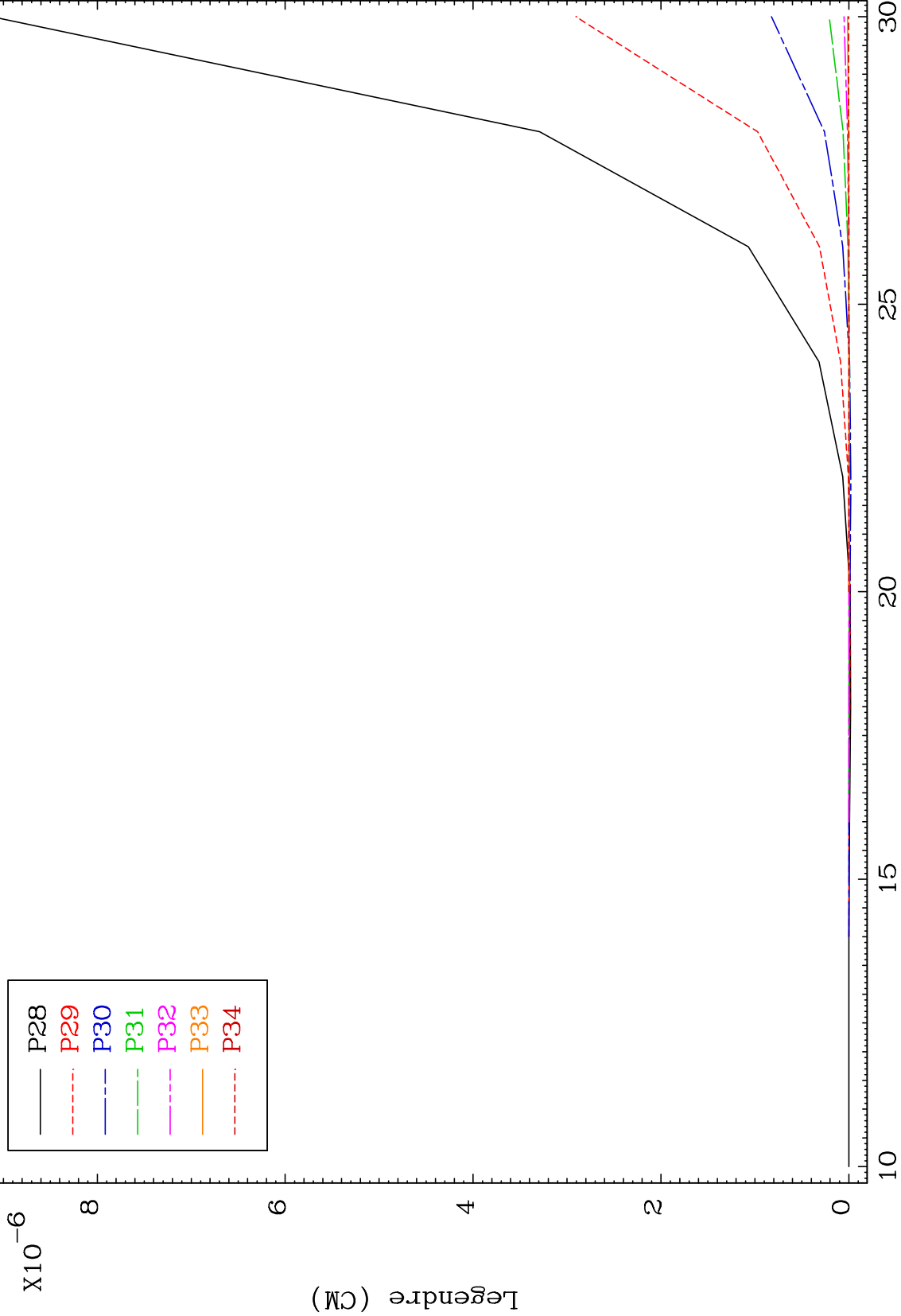
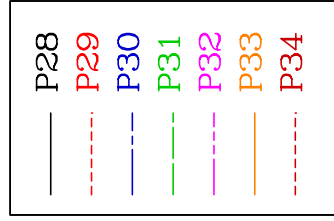
Incident Energy (MeV)

74-W -191

MAT 7458

Elastic
Legendre Coefficients

74-W -191



74-W -191

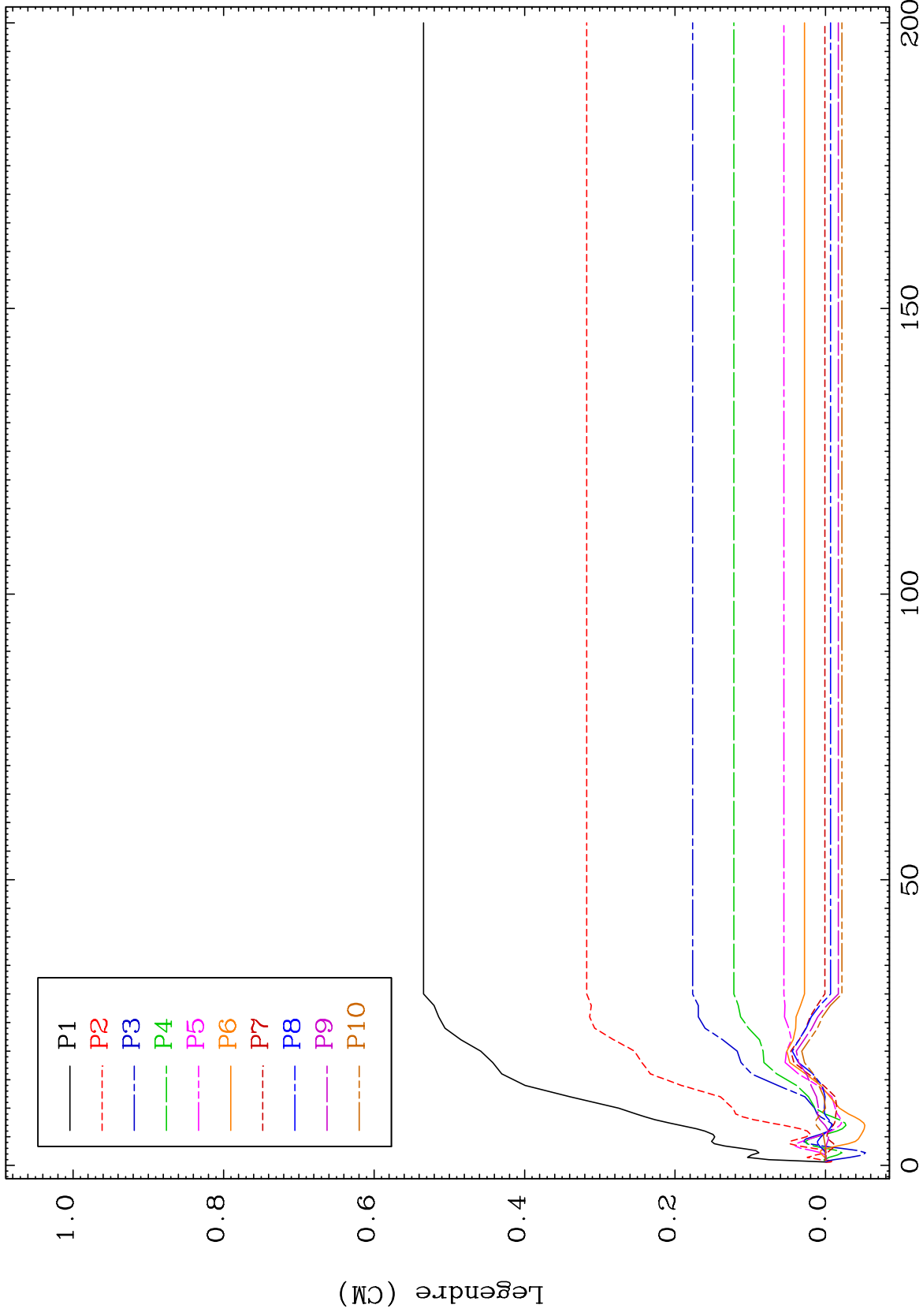
Incident Energy (MeV)

20

MAT 7458

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

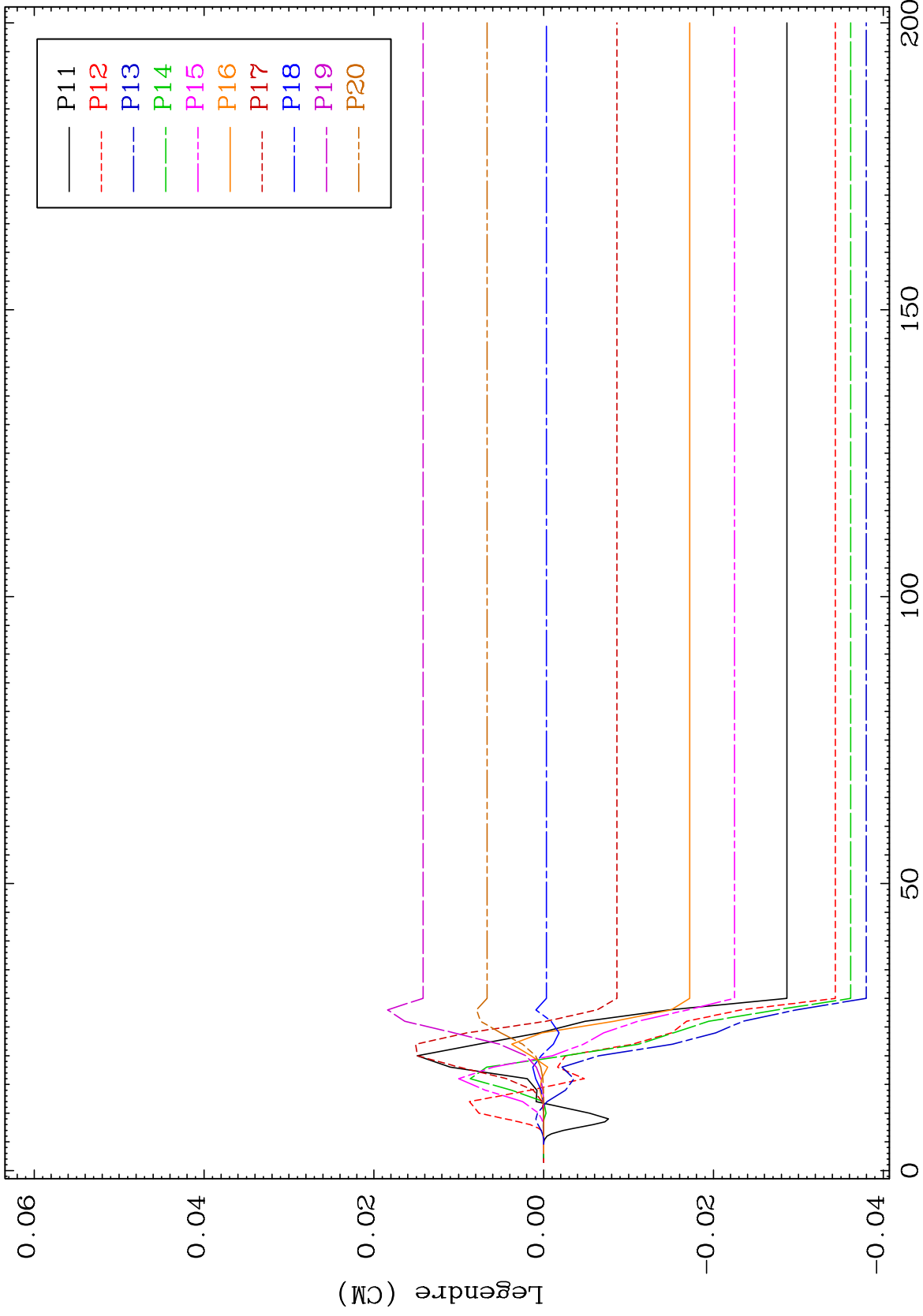
74-W -191

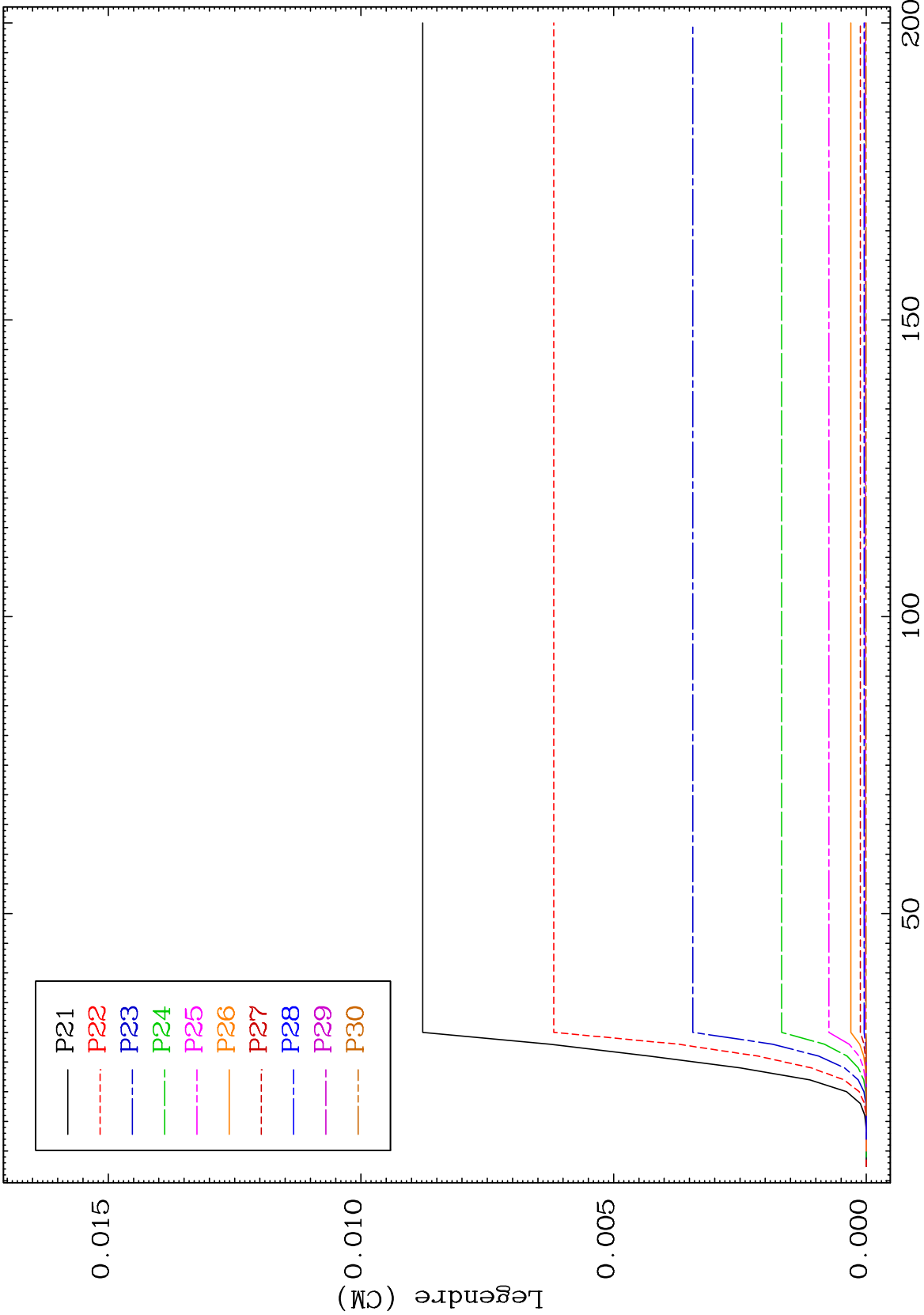


21

Incident Energy (MeV)

74-W -191

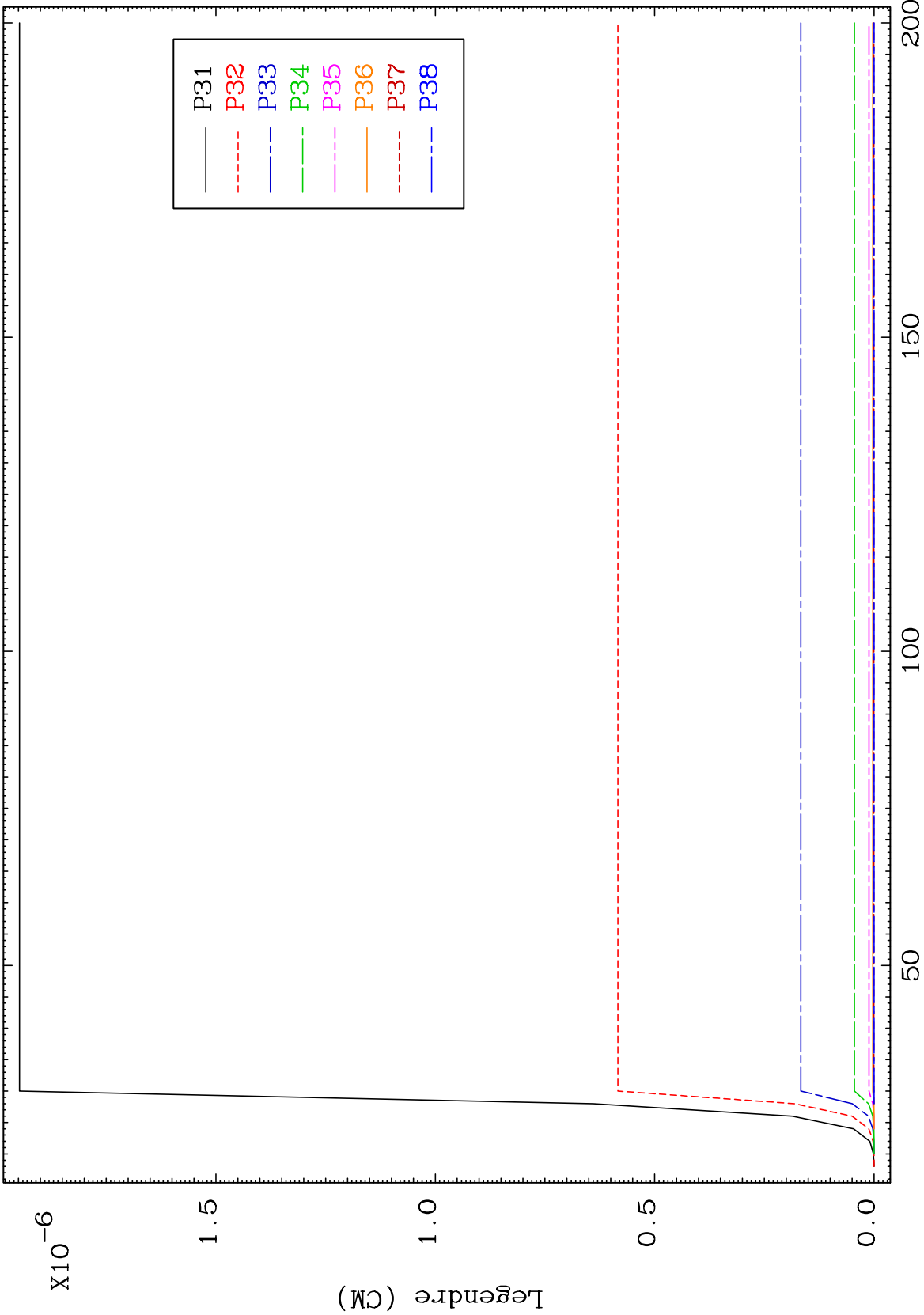




MAT 7458

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

74-W -191



24

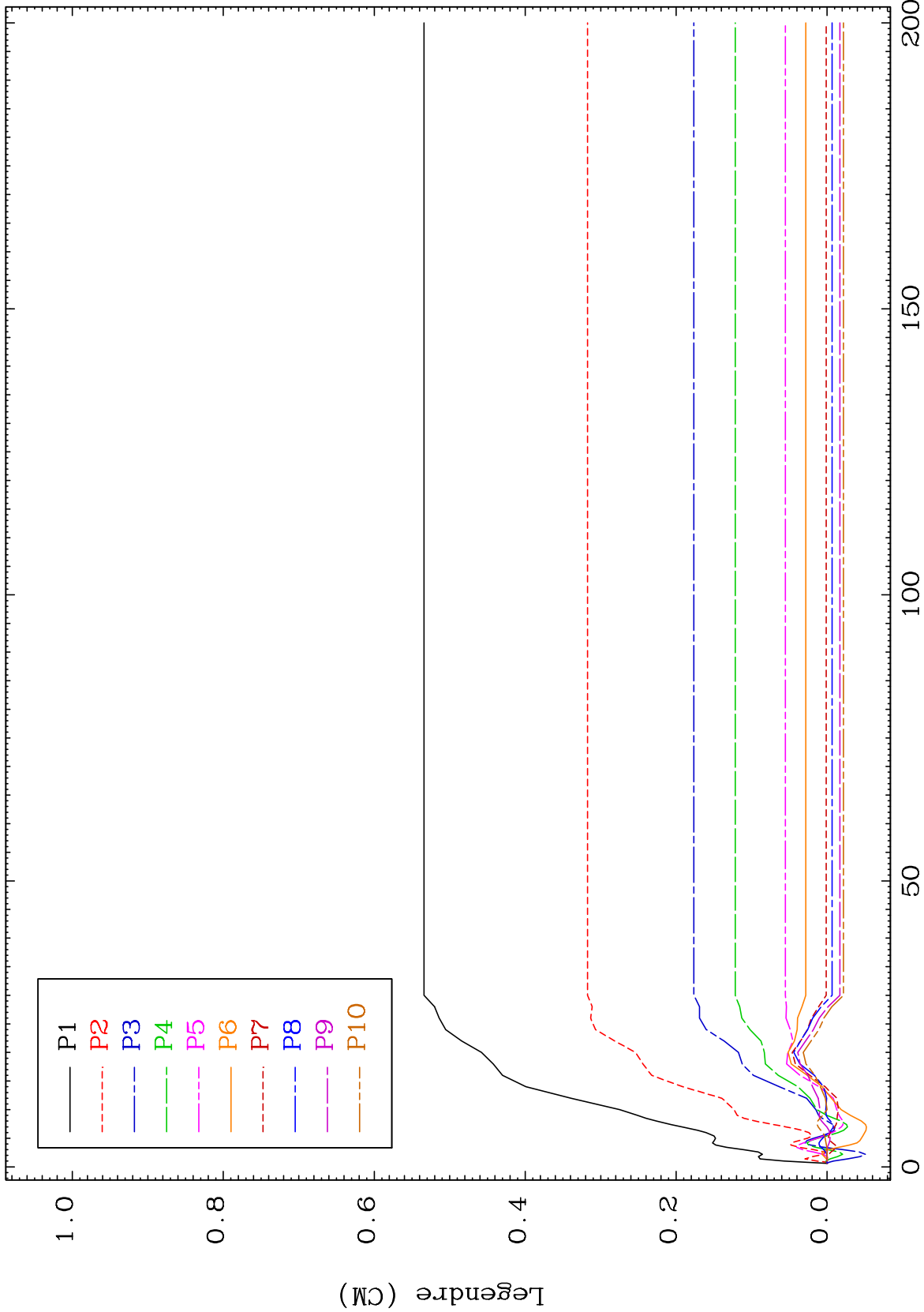
Incident Energy (MeV)

74-W -191

MAT 7458

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

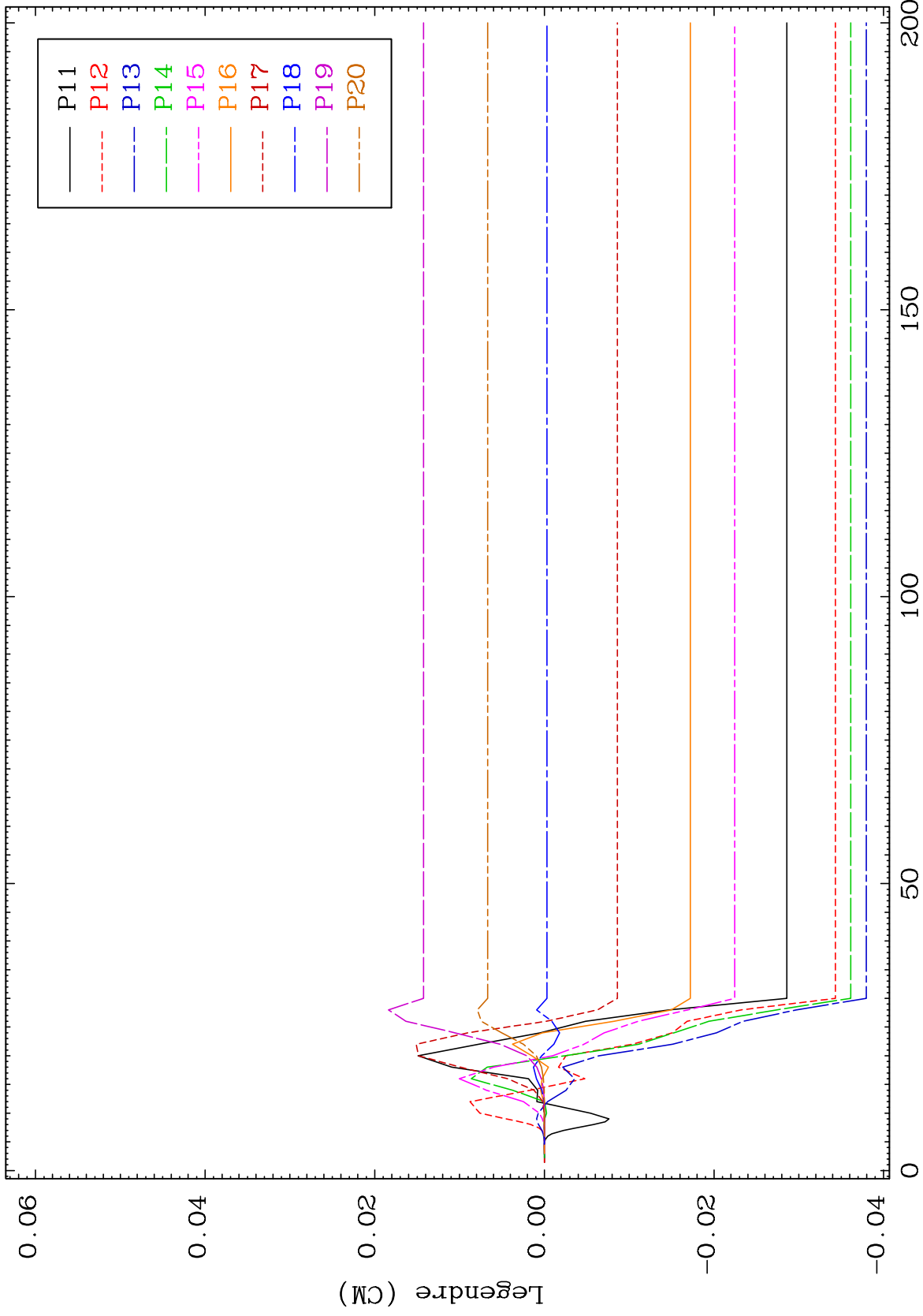
74-W -191

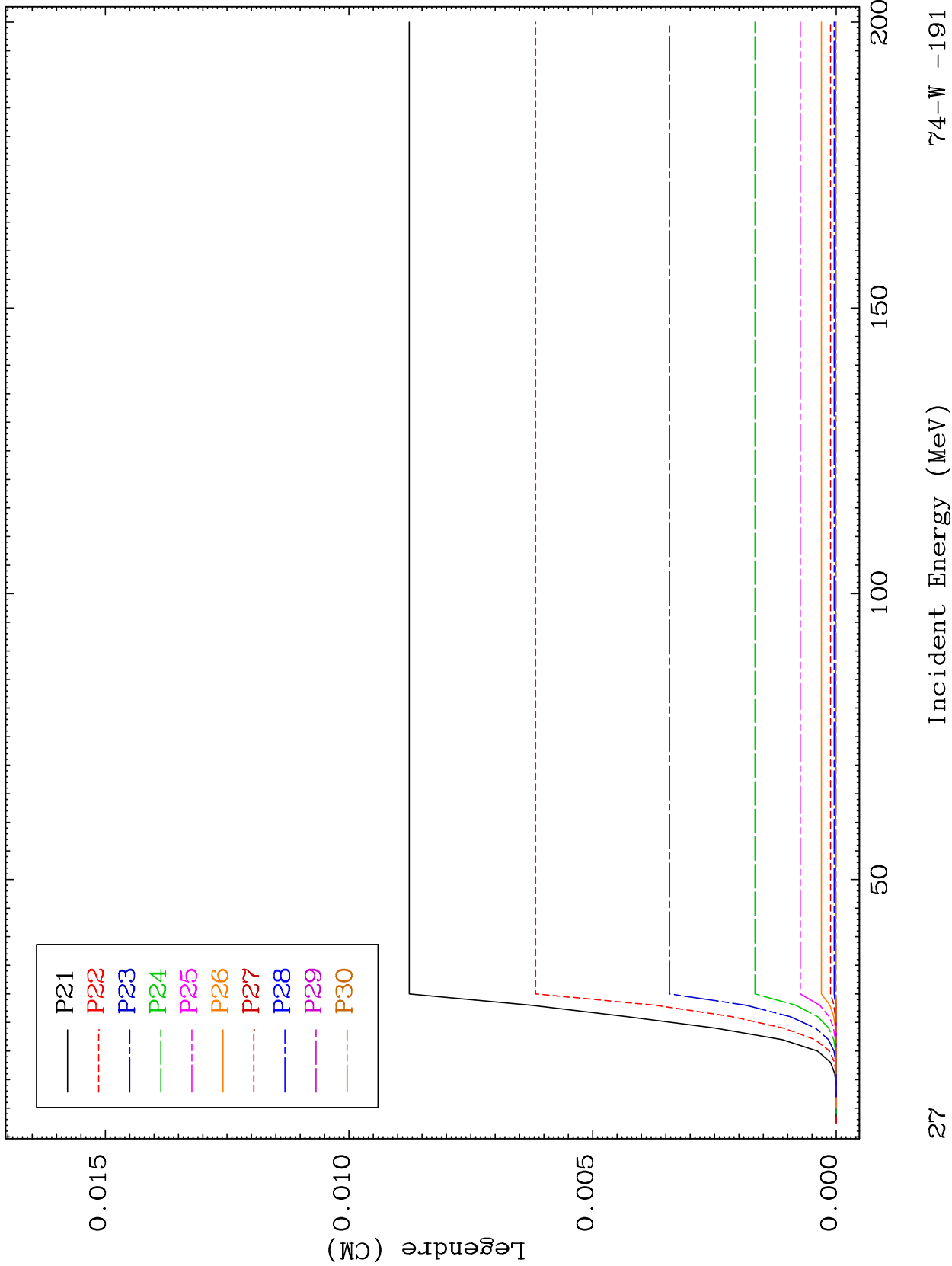


Incident Energy (MeV)

74-W -191

25

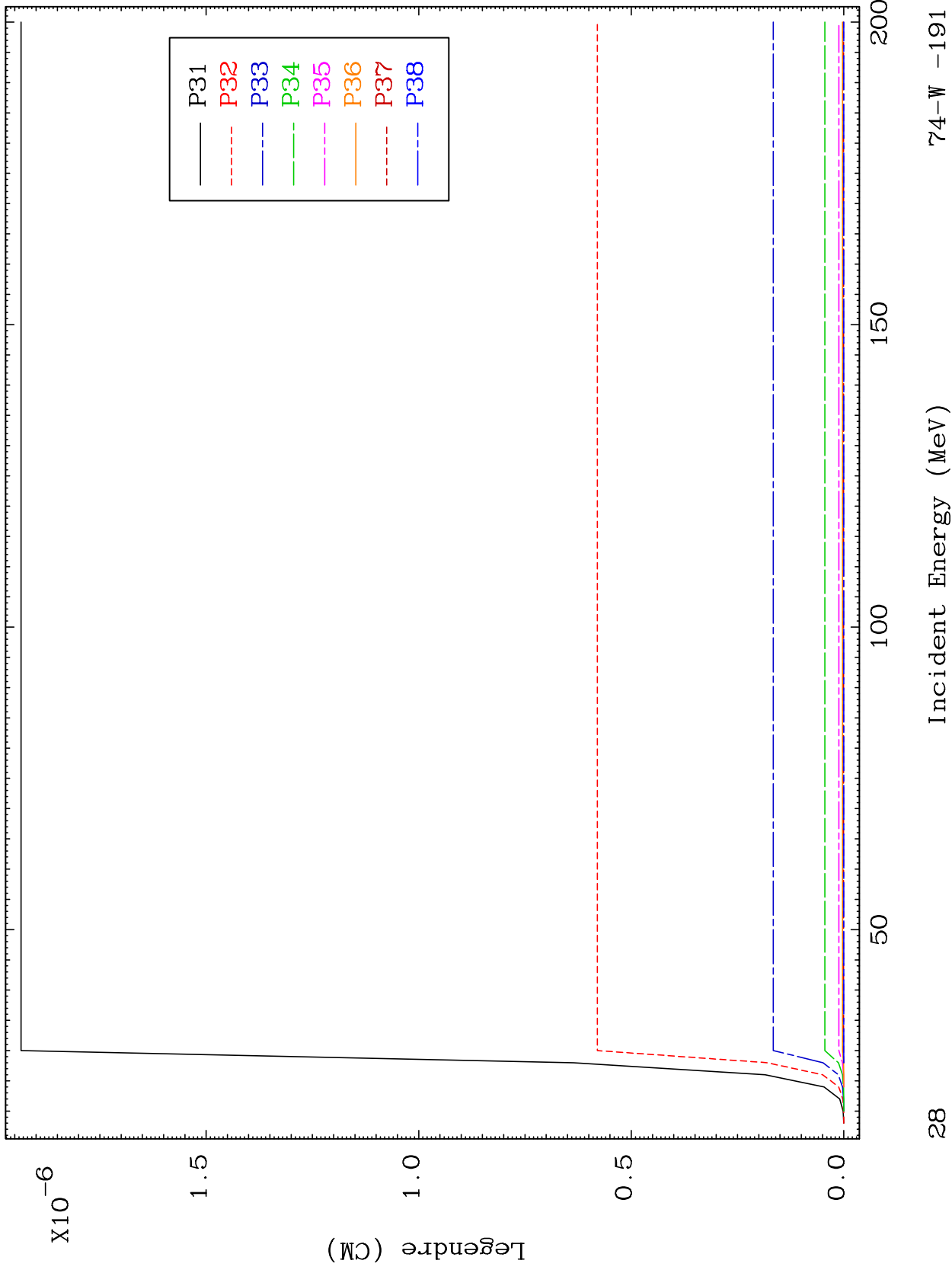




MAT 7458

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

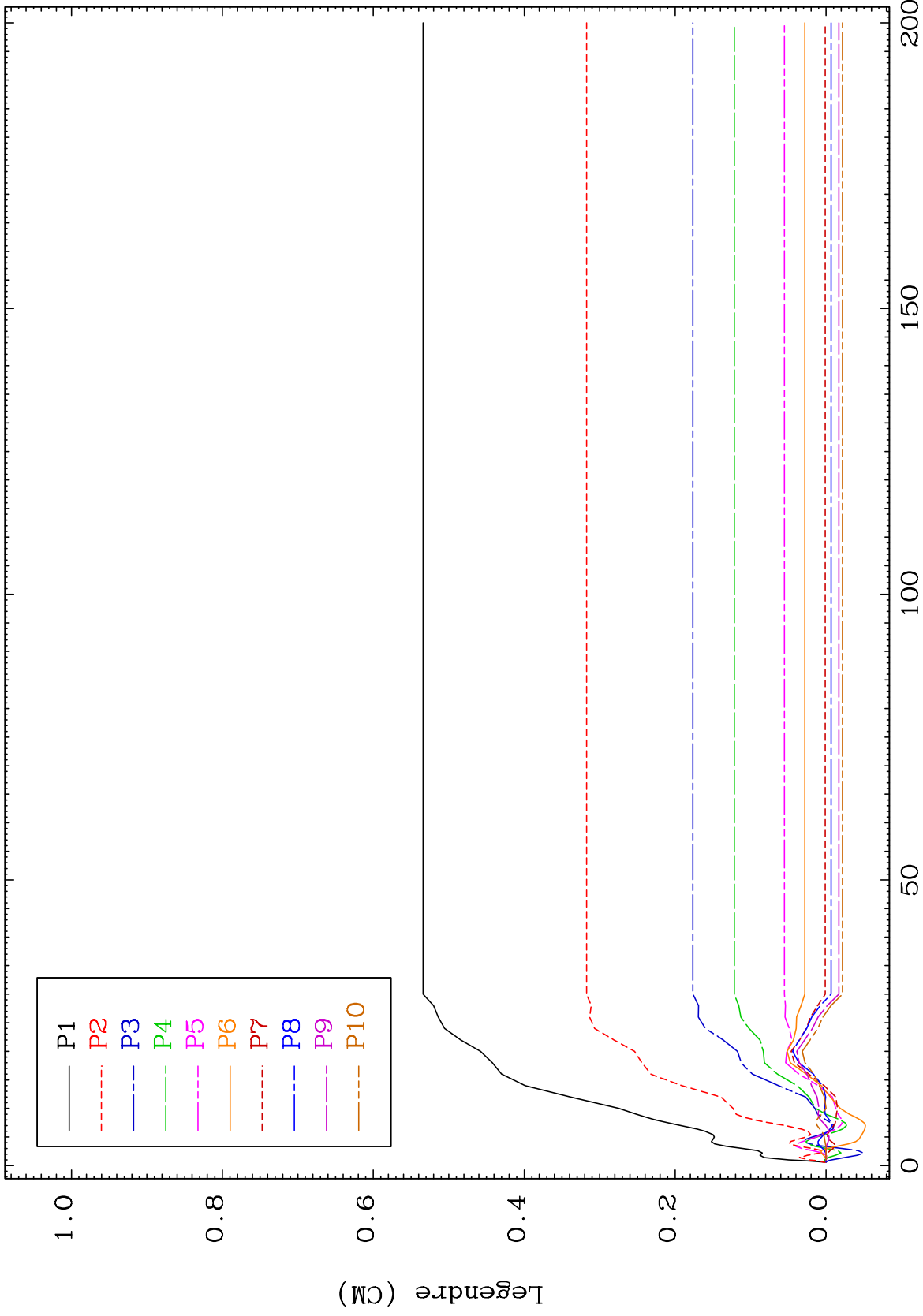
74-W -191



28

Incident Energy (MeV)

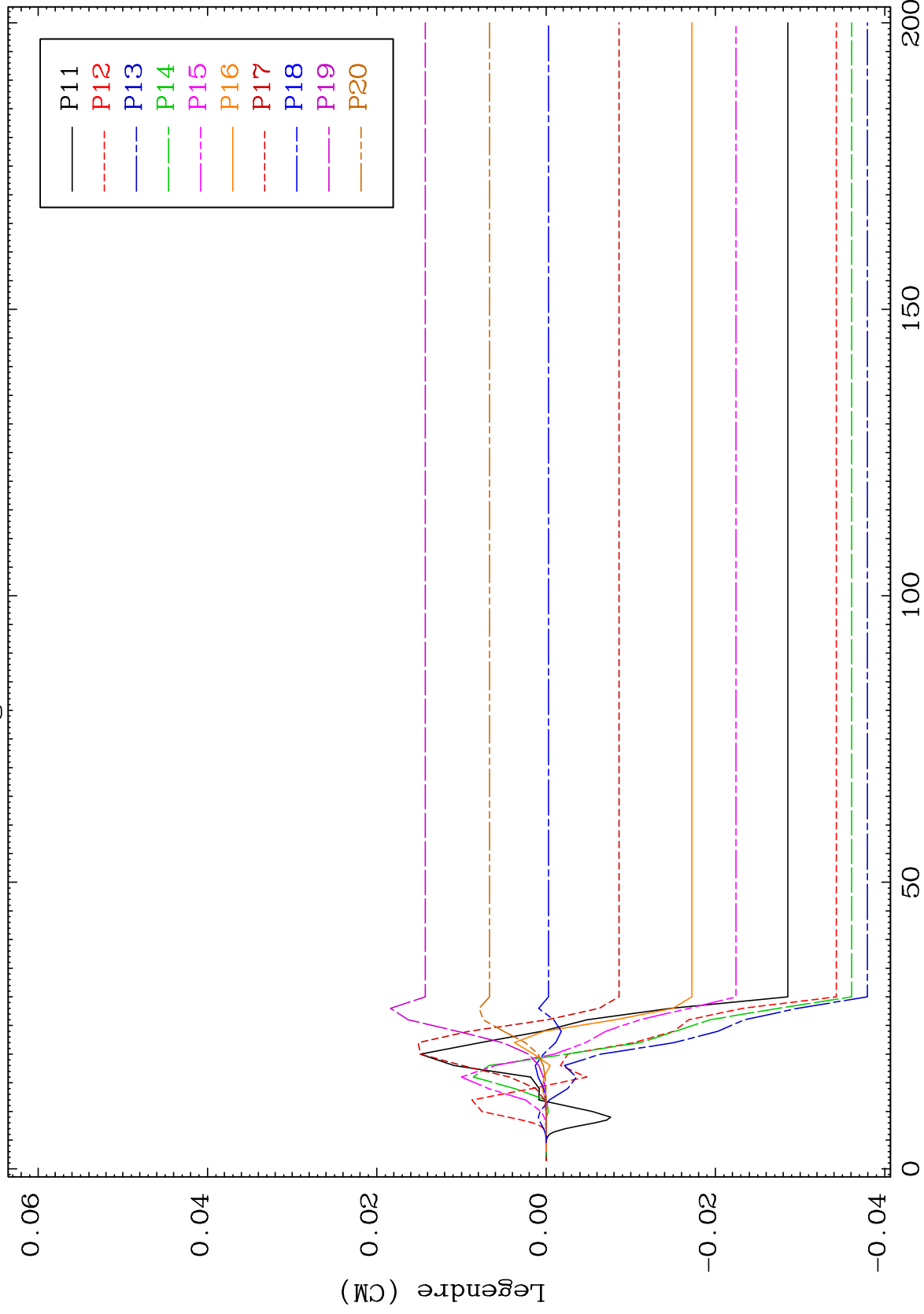
74-W -191



MAT 7458

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

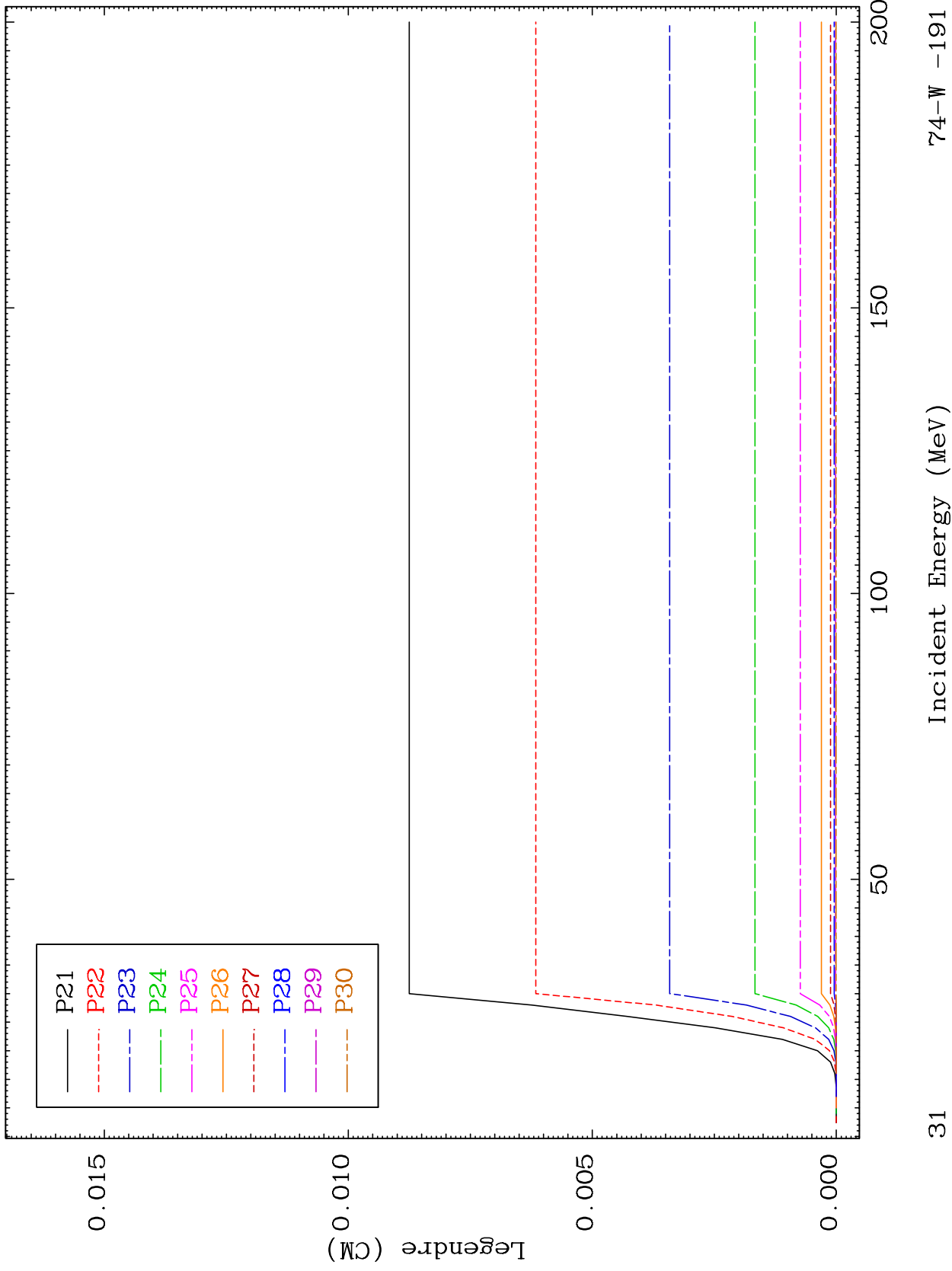
74-W -191

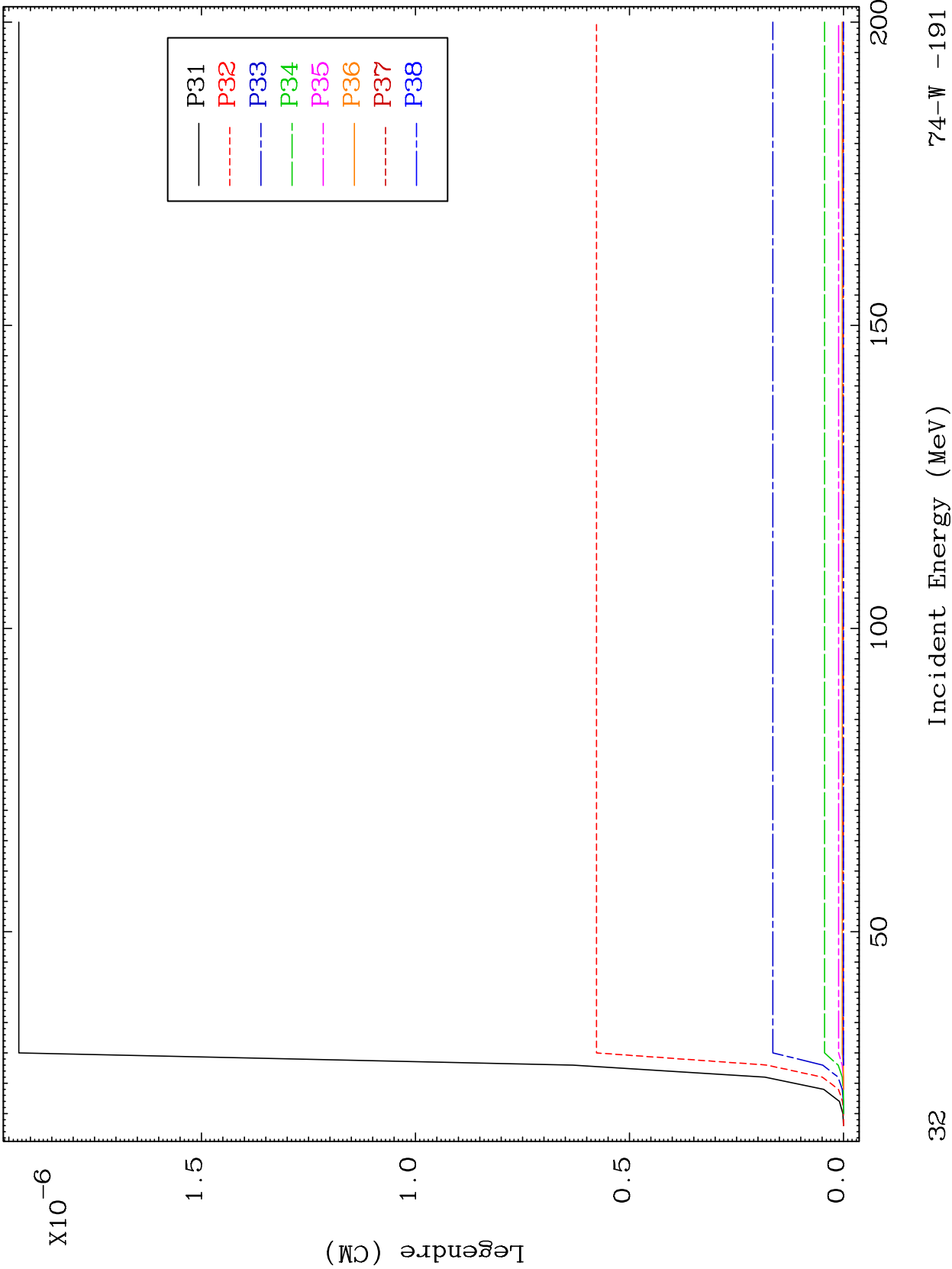


74-W -191

Incident Energy (MeV)

30

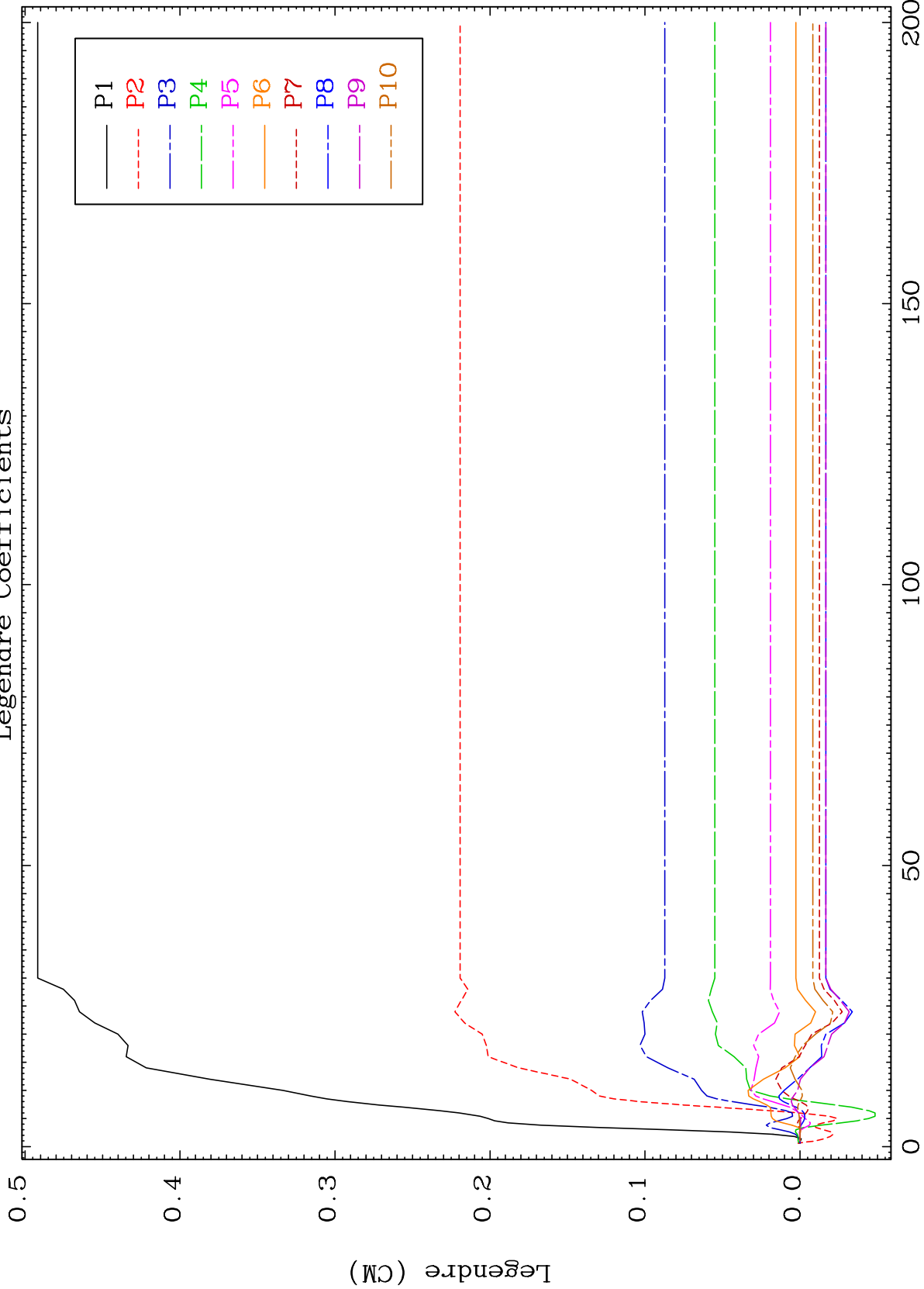




MAT 7458

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

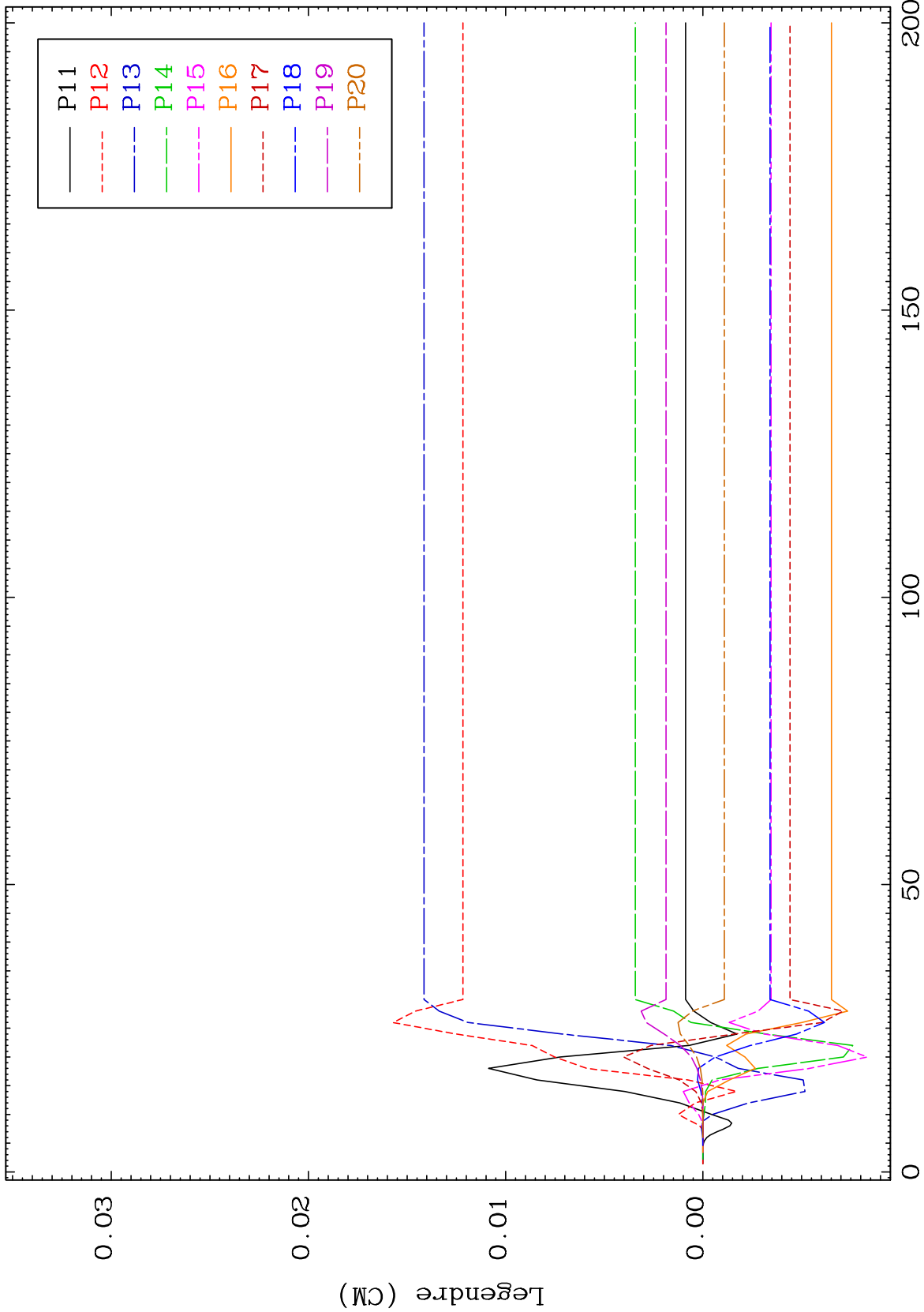
74-W -191



MAT 7458

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

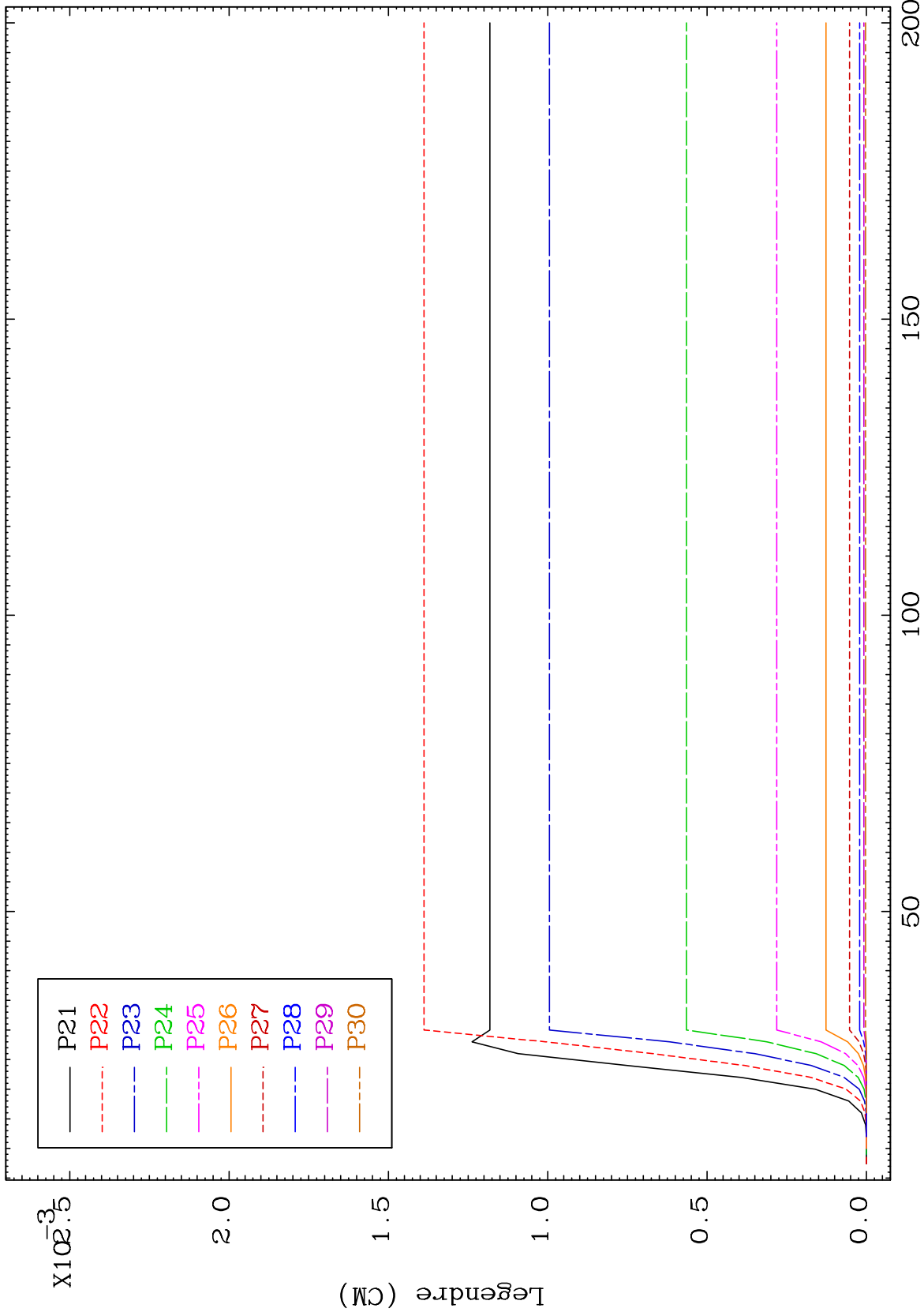
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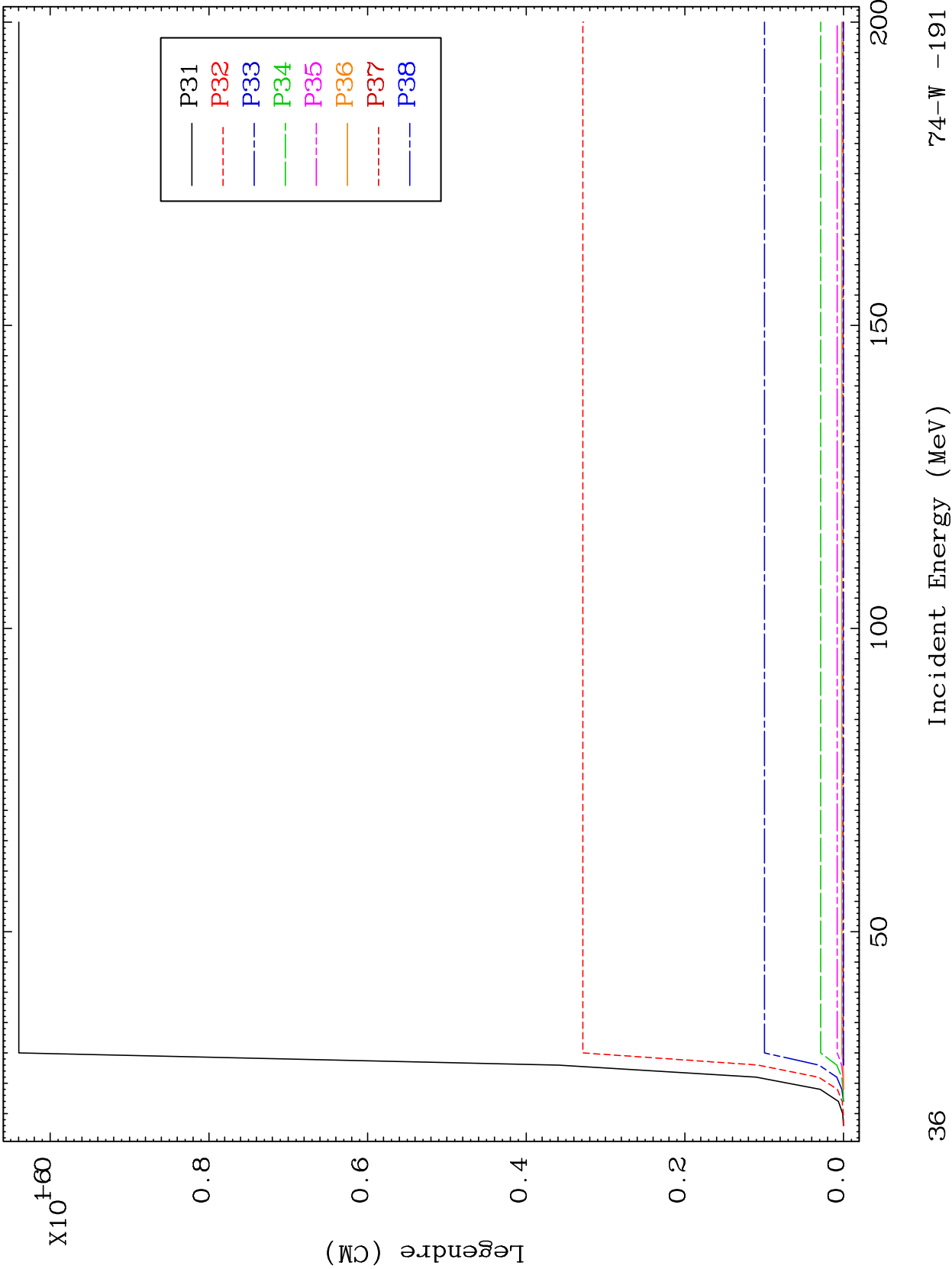


34

Incident Energy (MeV)

74-W -191



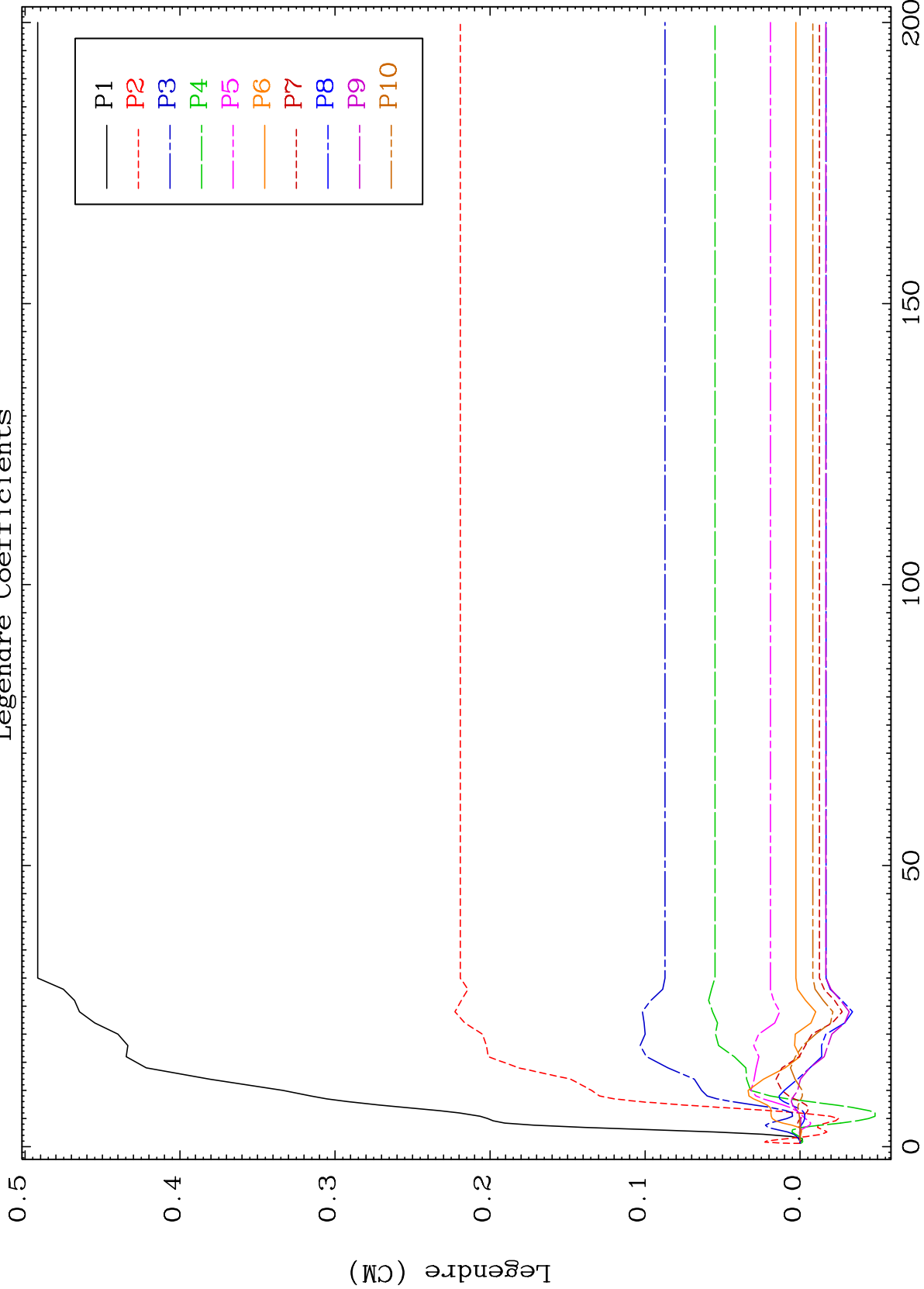


MAT 7458

MT= 55 (n,n') Level

74-W -191

Legendre Coefficients



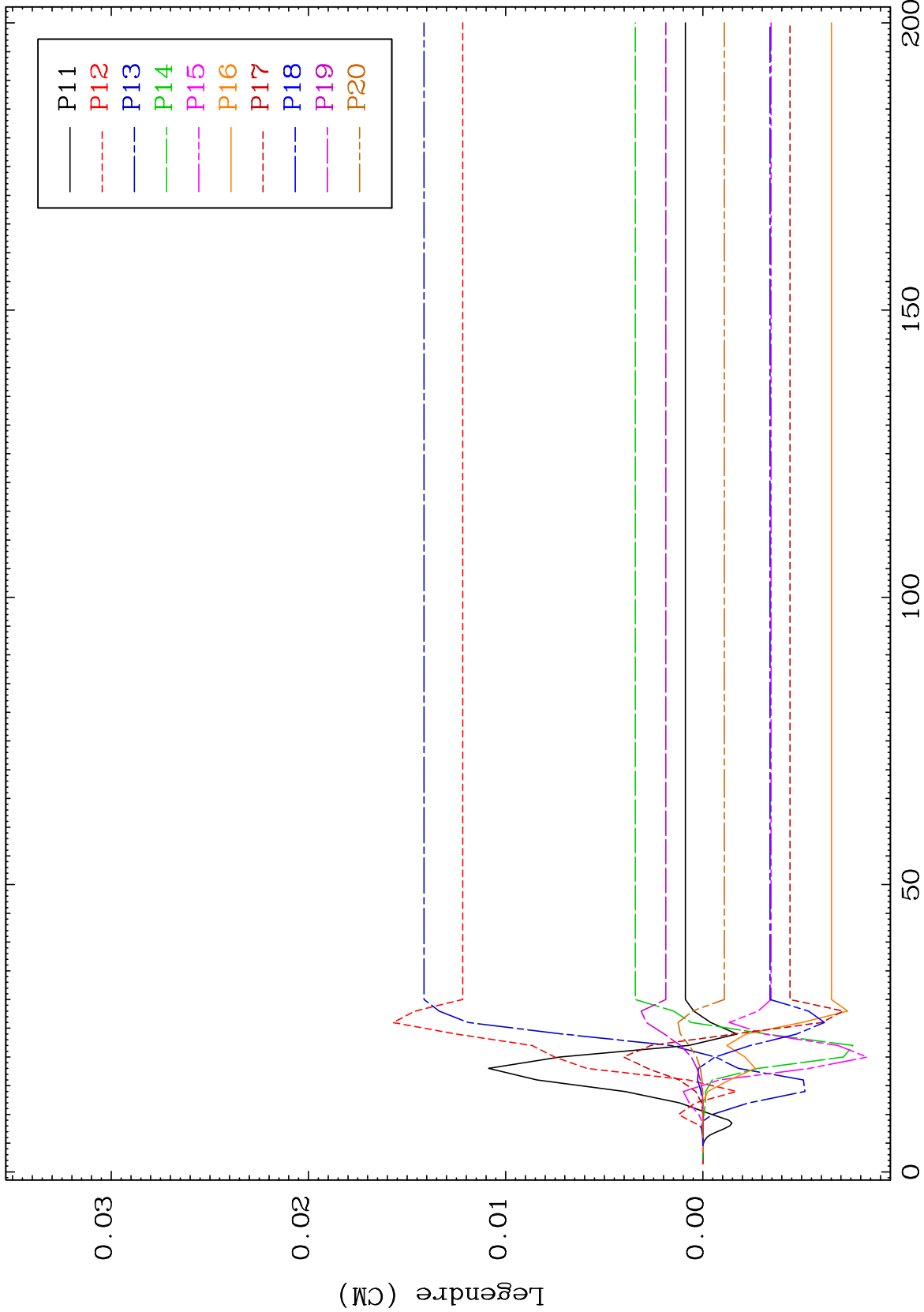
37

74-W -191

MAT 7458

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

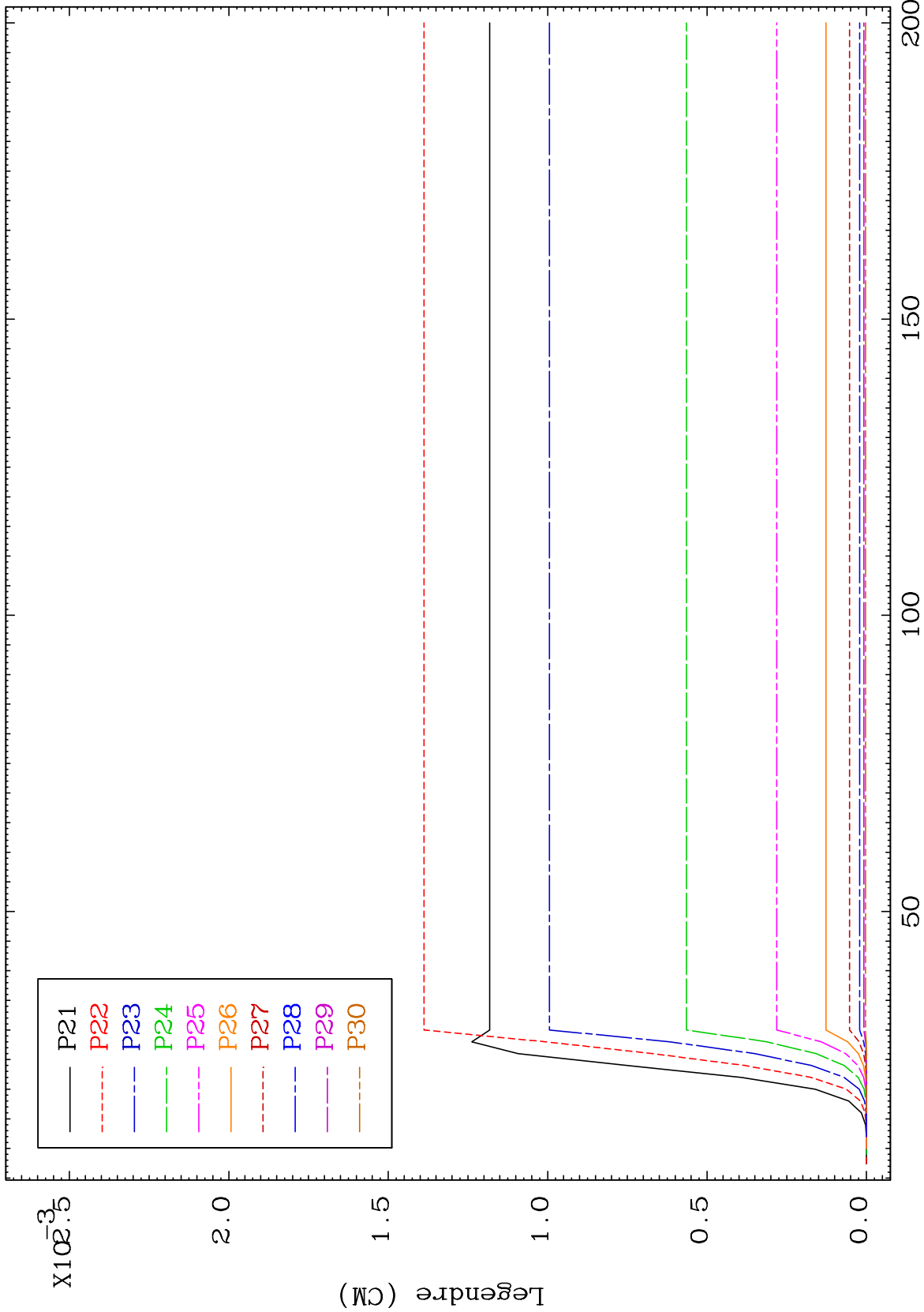
74-W -191



38

Incident Energy (MeV)

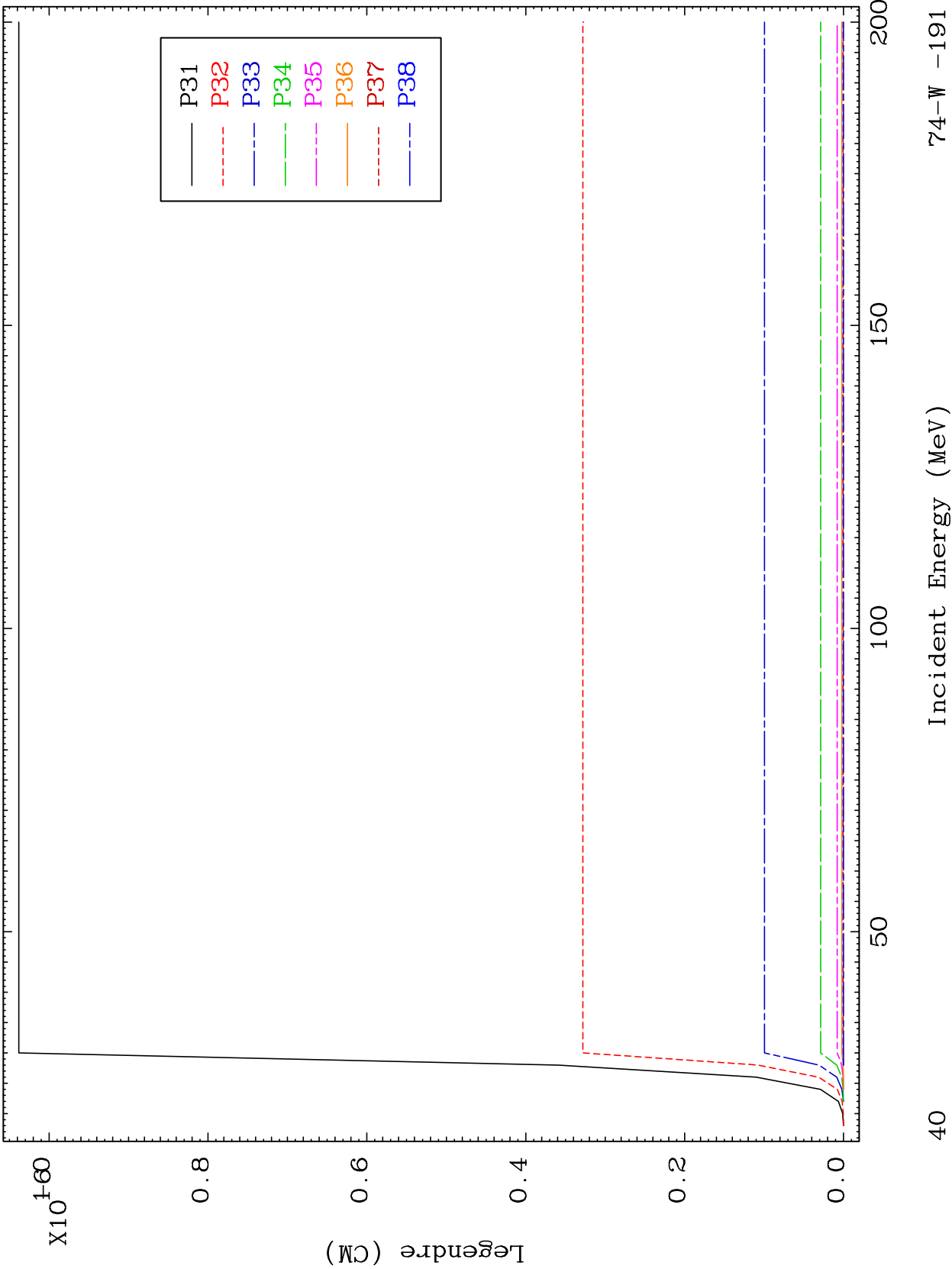
74-W -191



MAT 7458

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

74-W -191



74-W -191

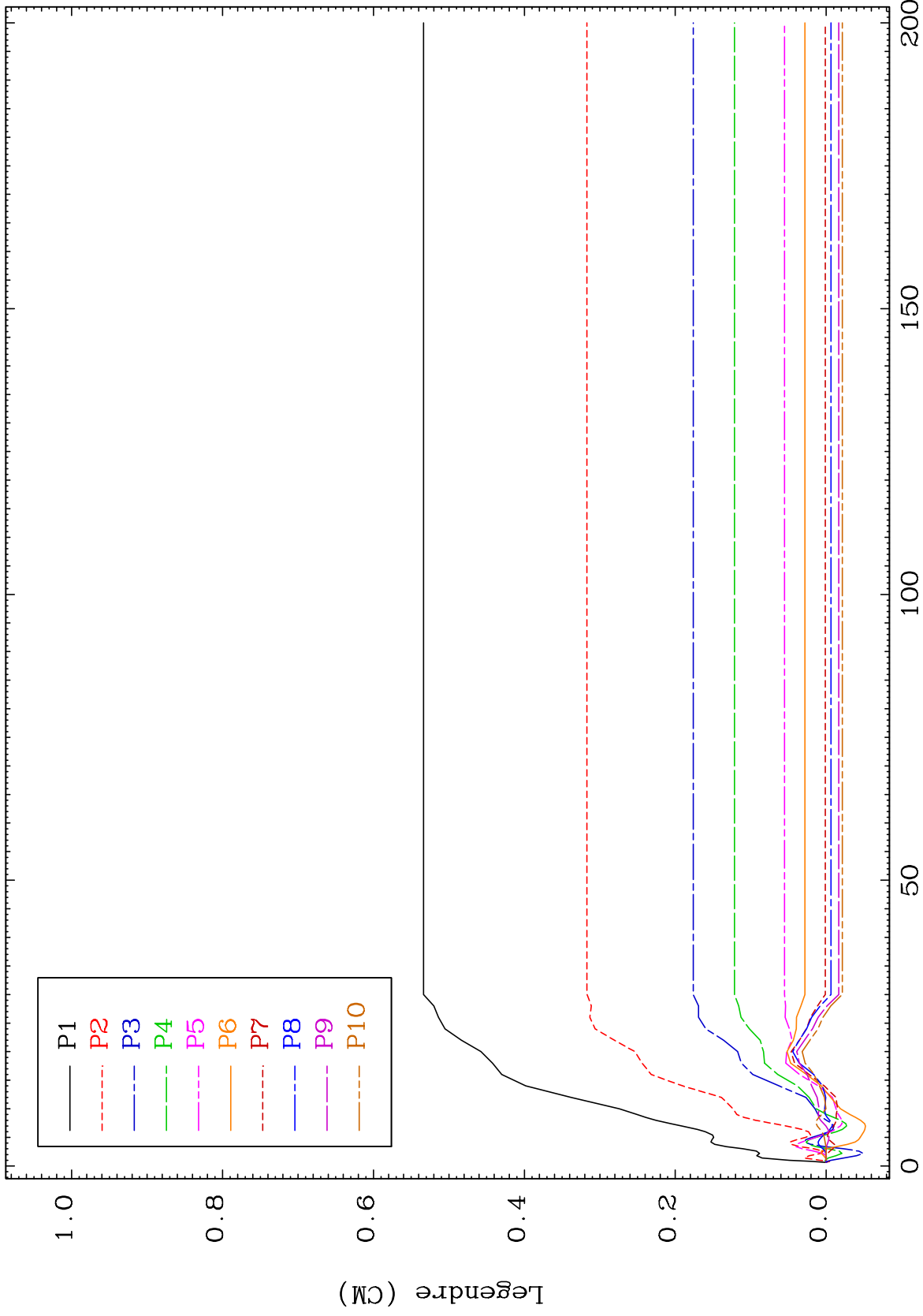
Incident Energy (MeV)

40

MAT 7458

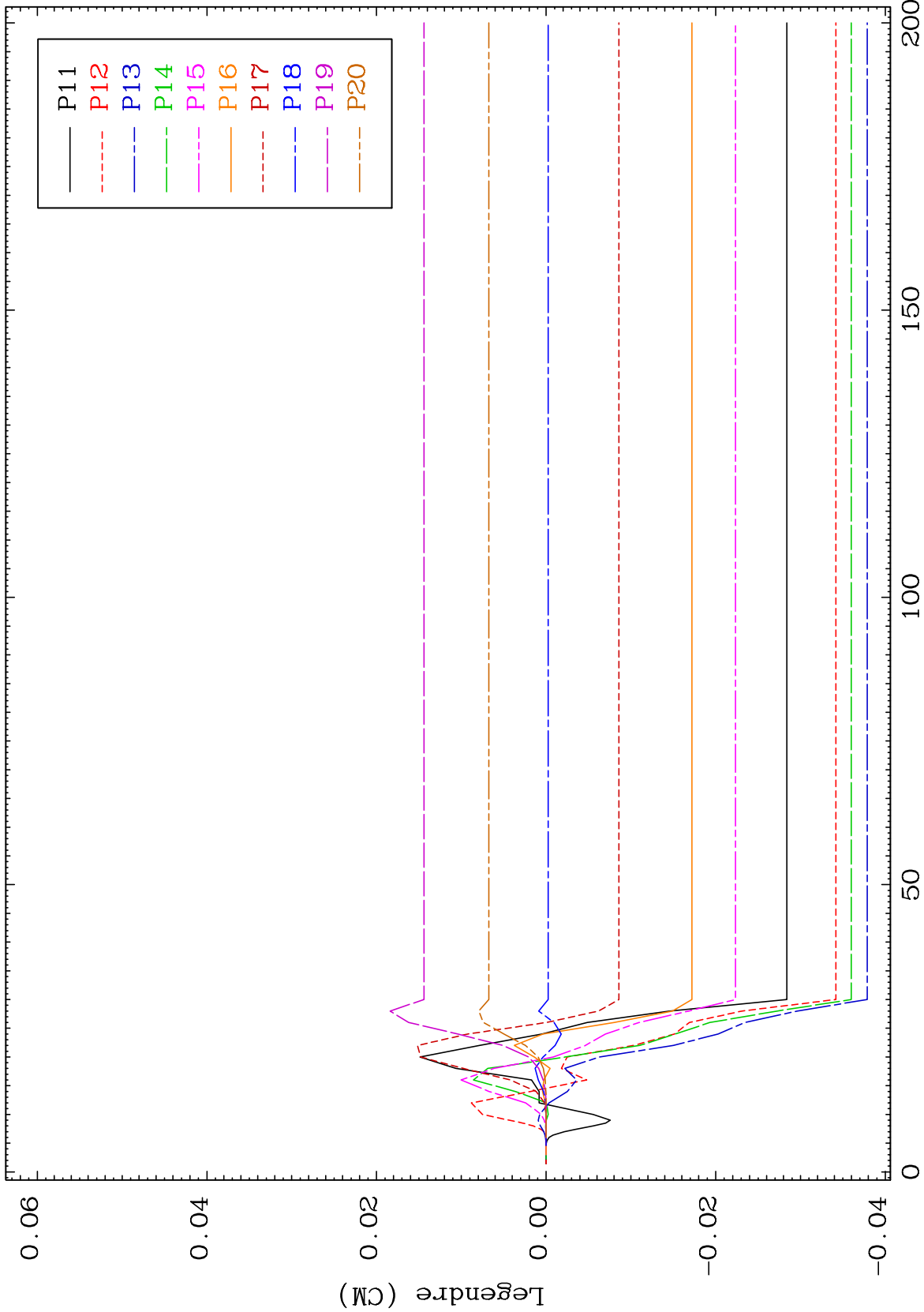
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Legendre Coefficients

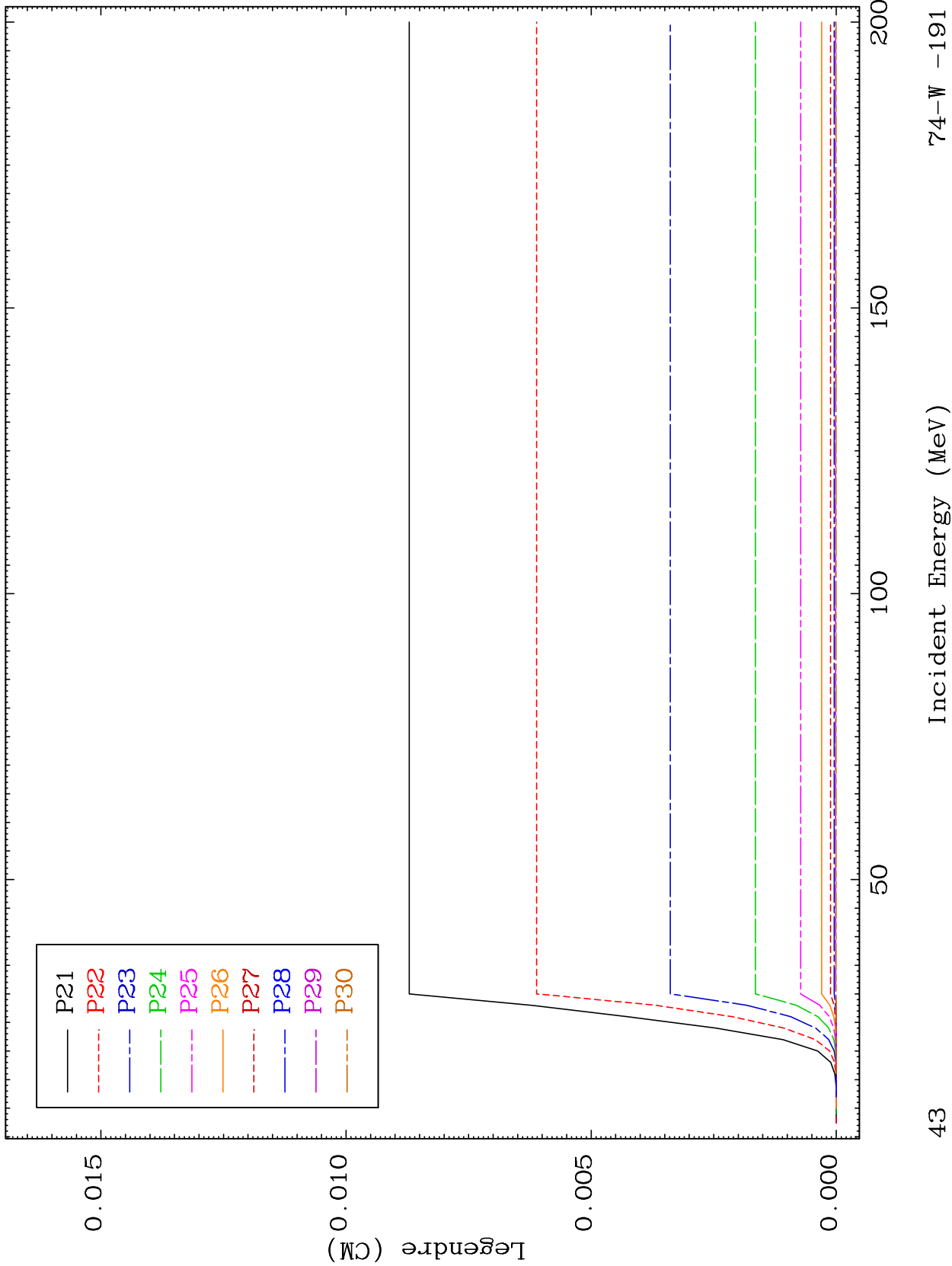
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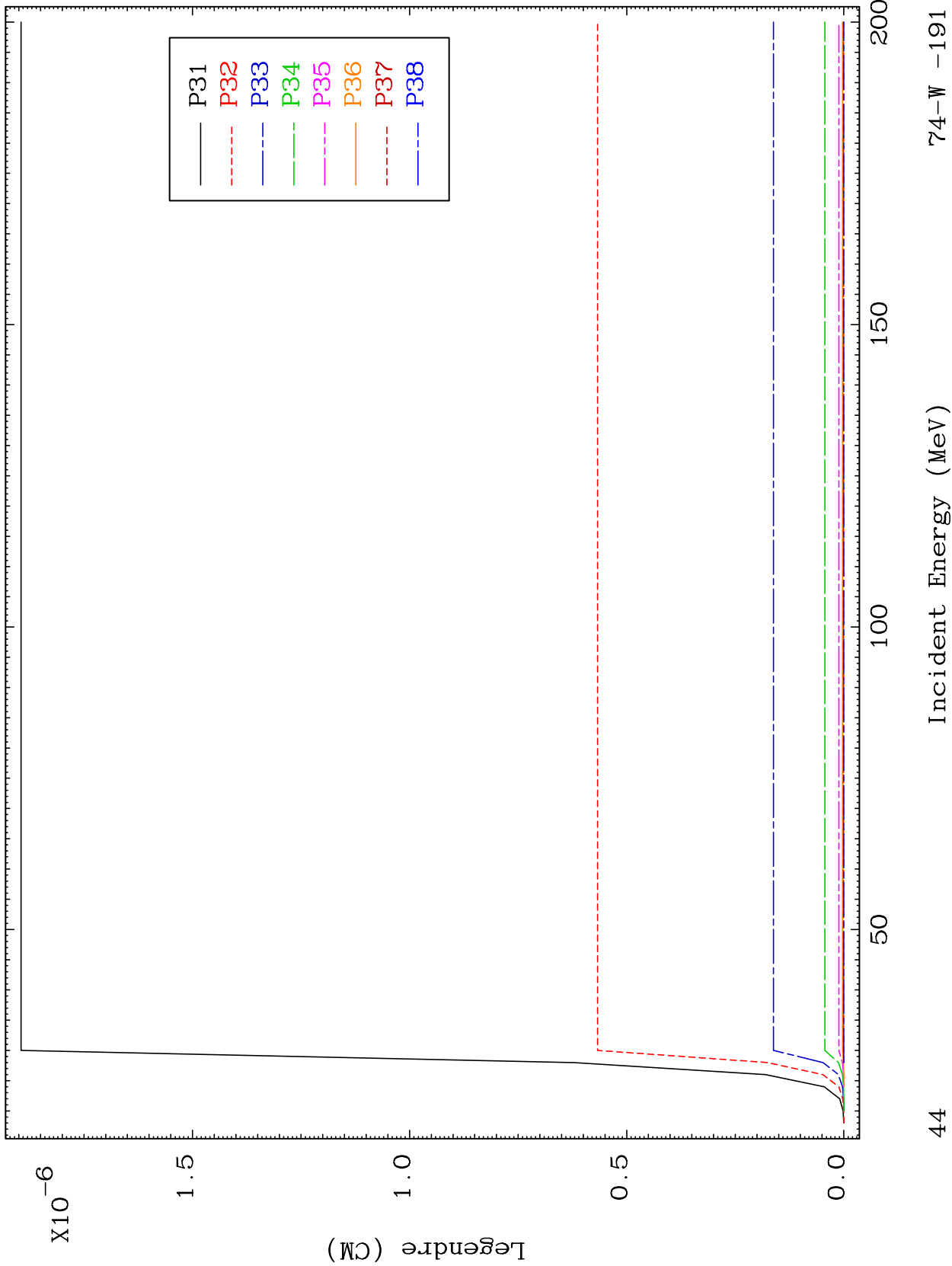


41

74-W -191



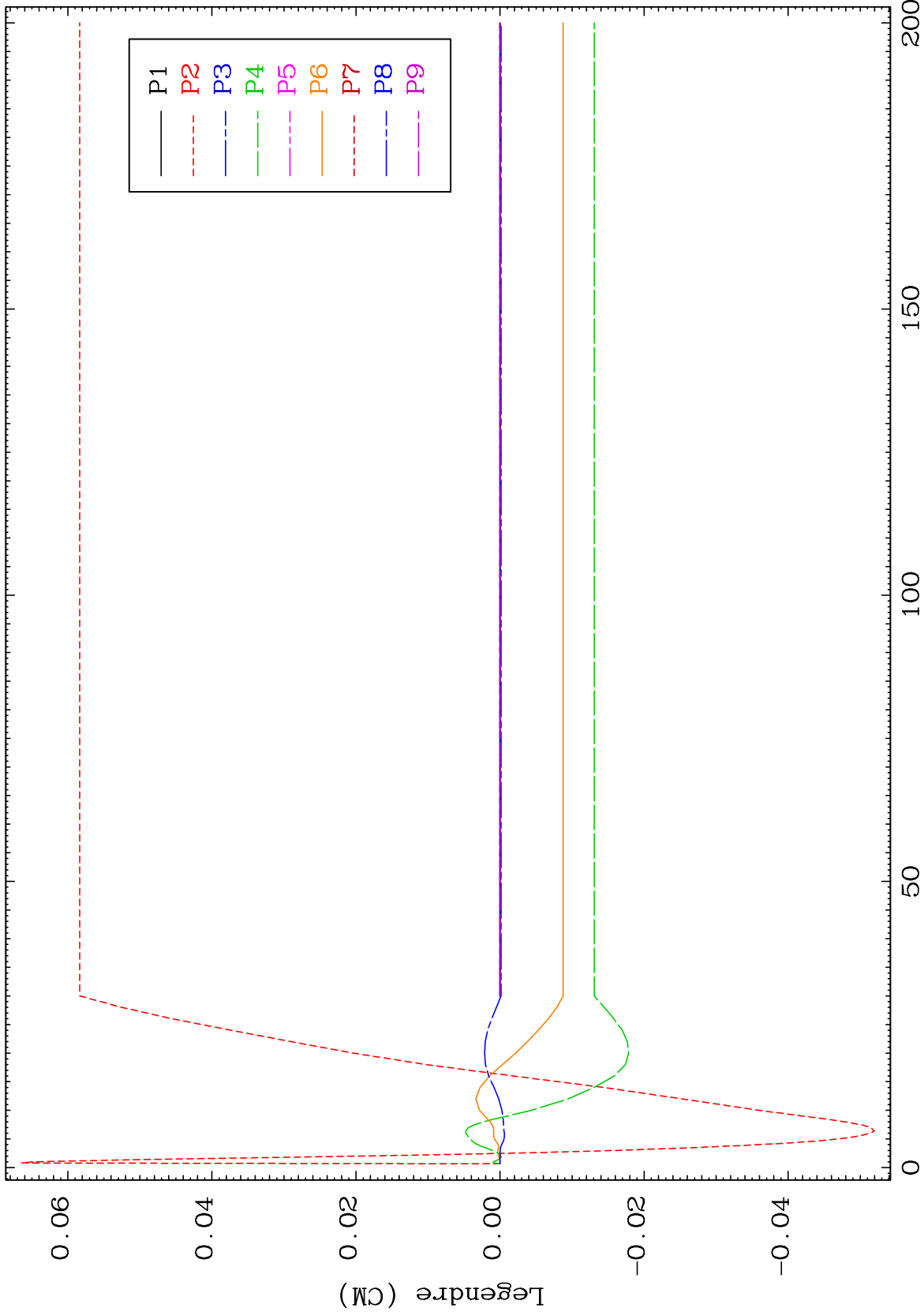




MAT 7458

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

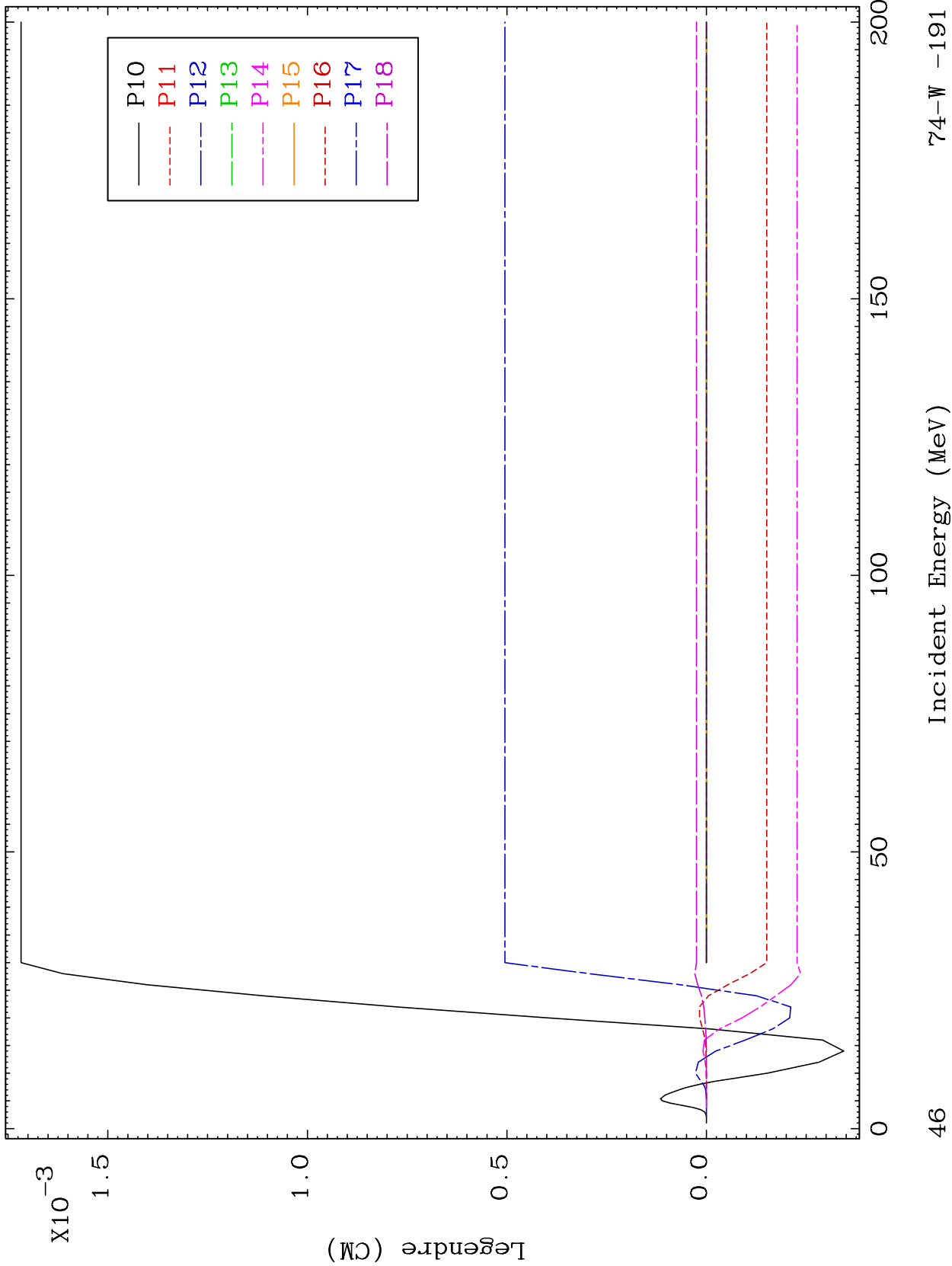
74-W -191



74-W -191

Incident Energy (MeV)

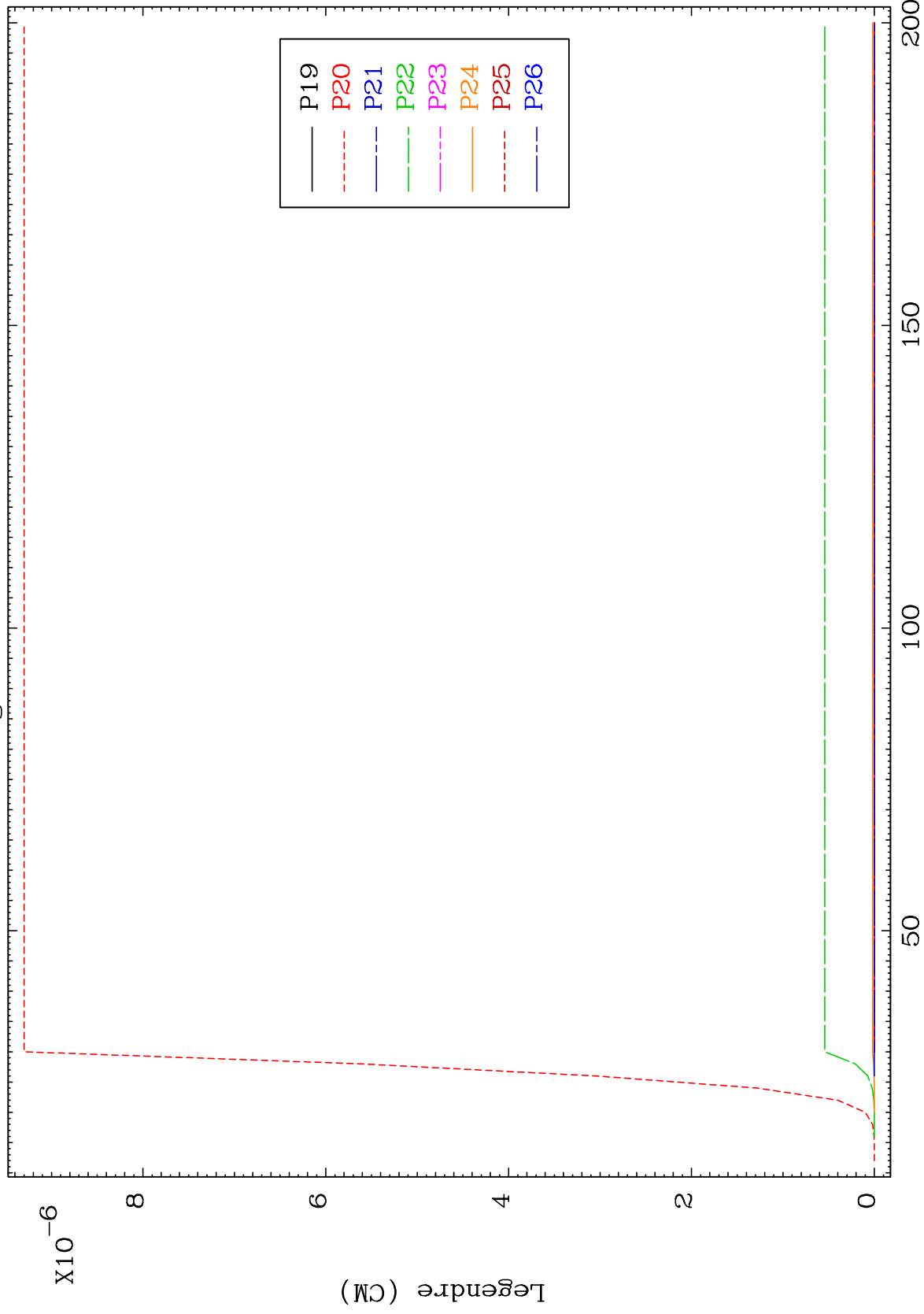
45



MAT 7458

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

74-W -191



47

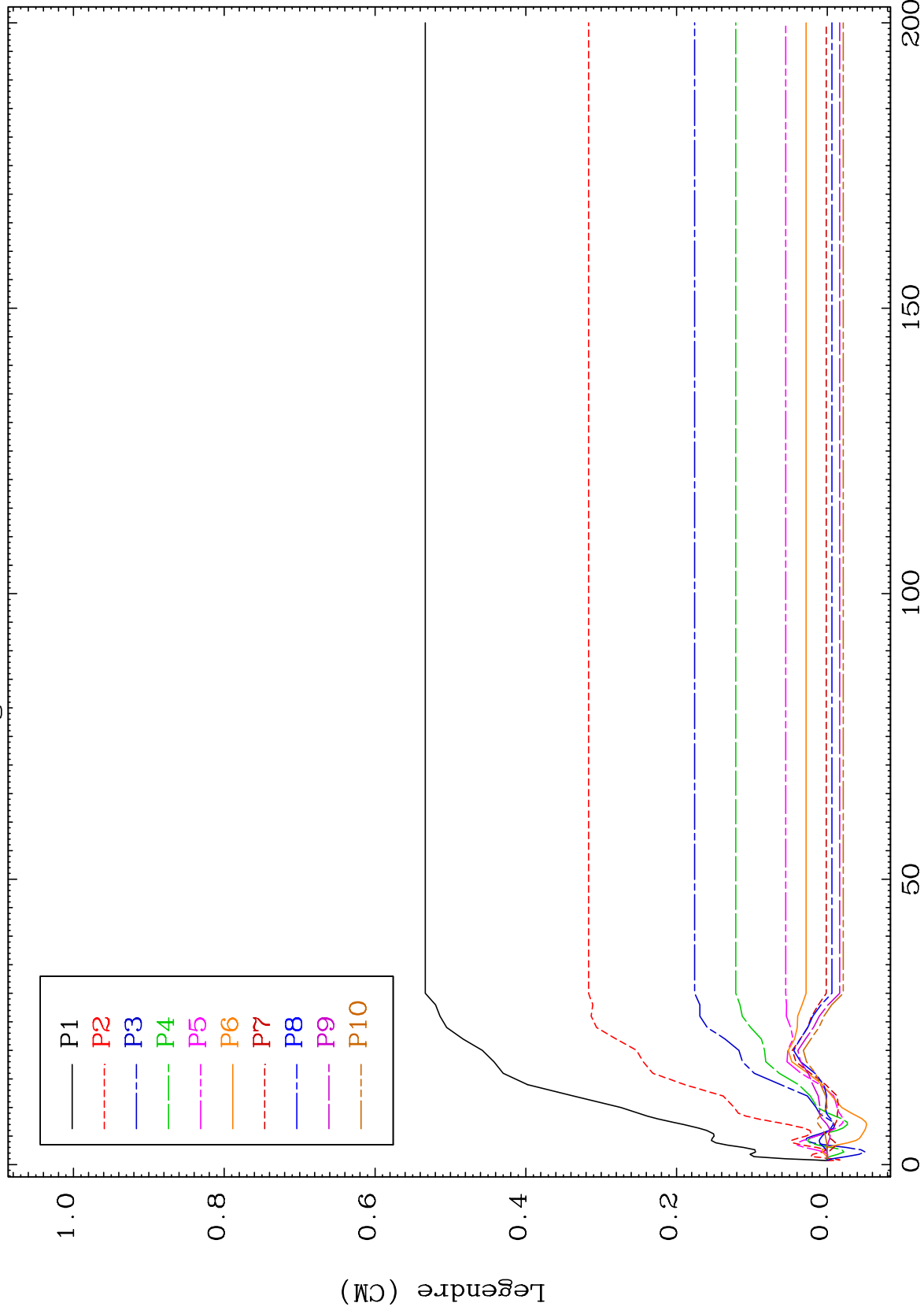
Incident Energy (MeV)

74-W -191

MAT 7458

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

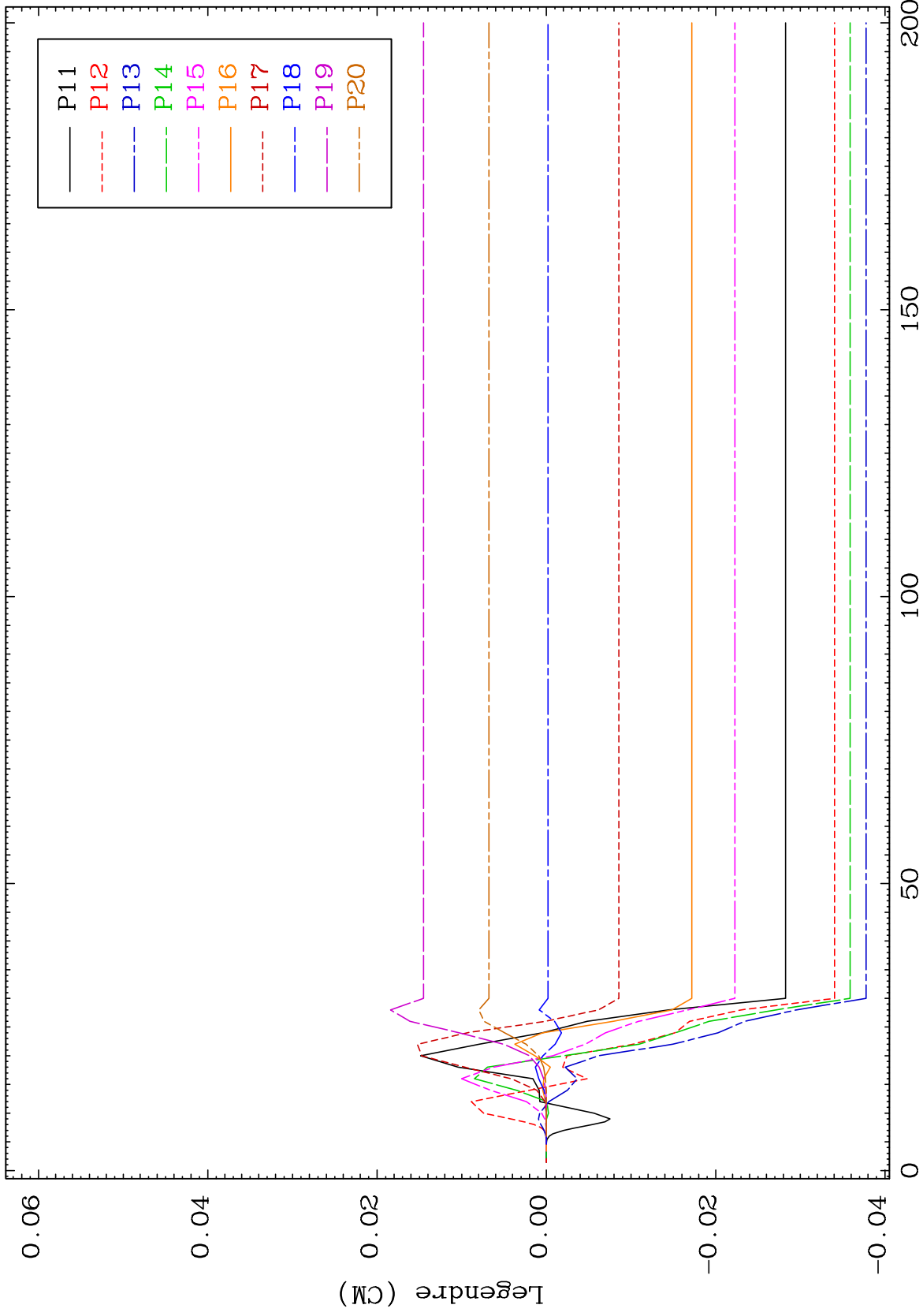
74-W -191



48

Incident Energy (MeV)

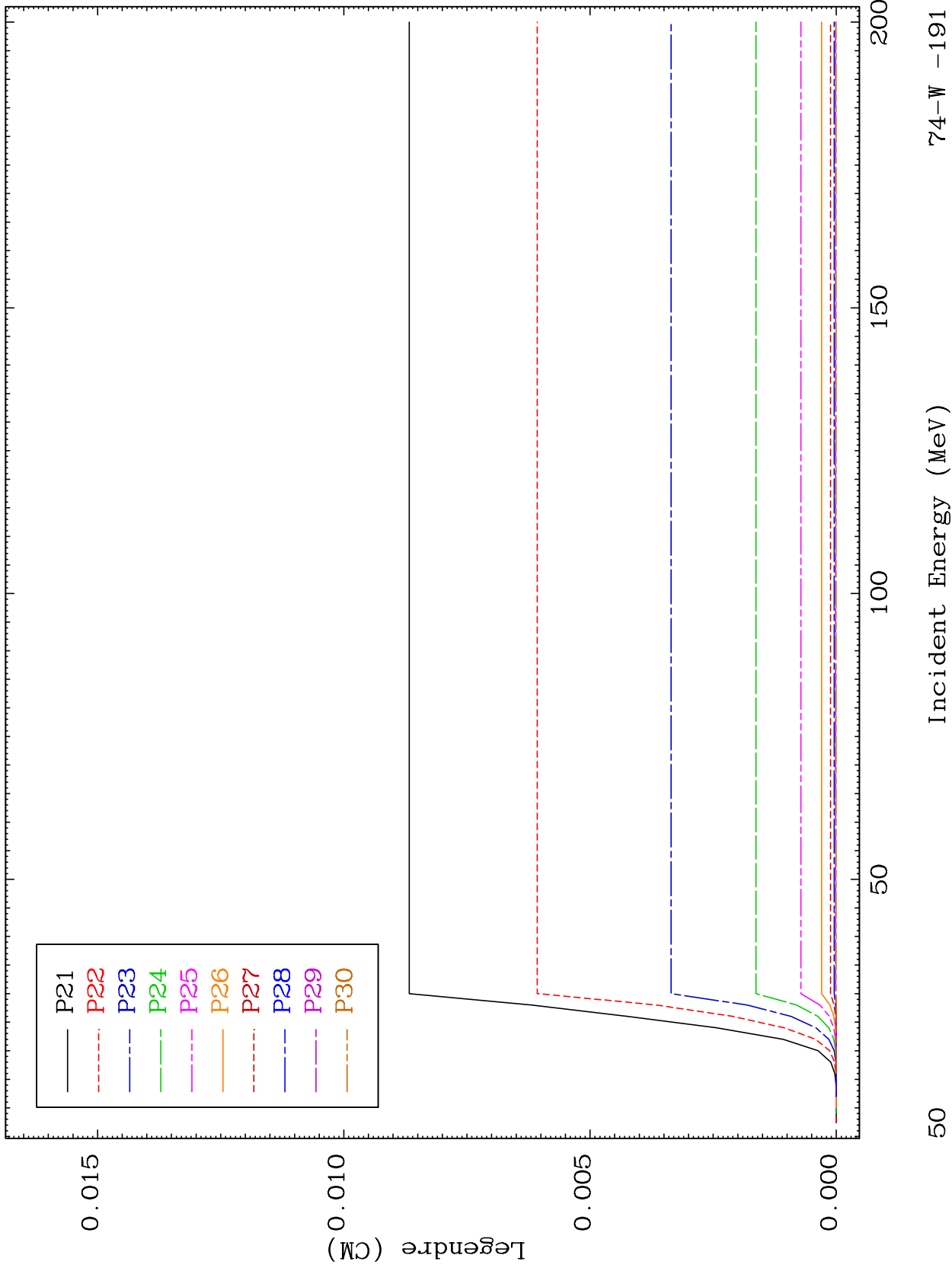
74-W -191



MAT 7458

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

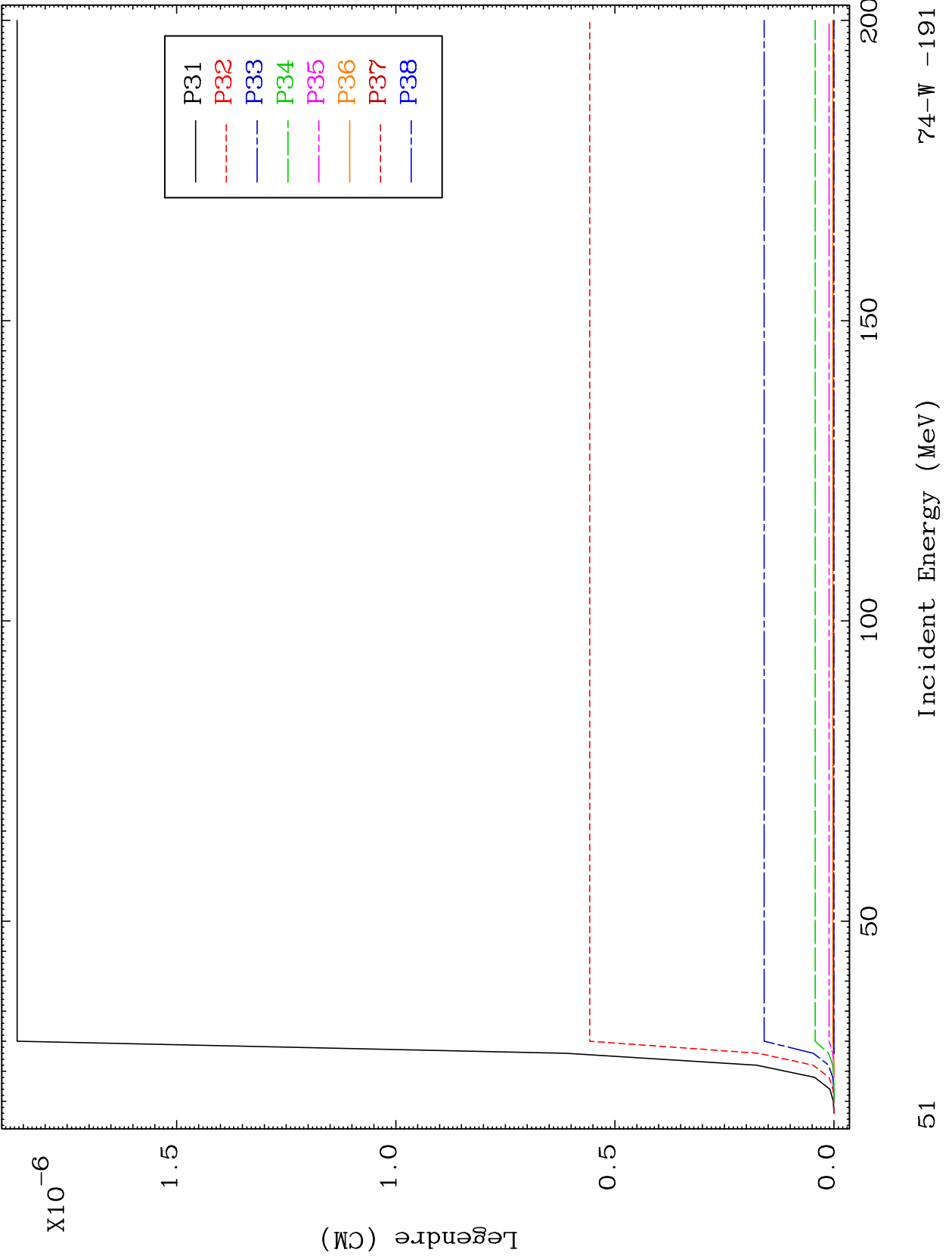
74-W -191



50

Incident Energy (MeV)

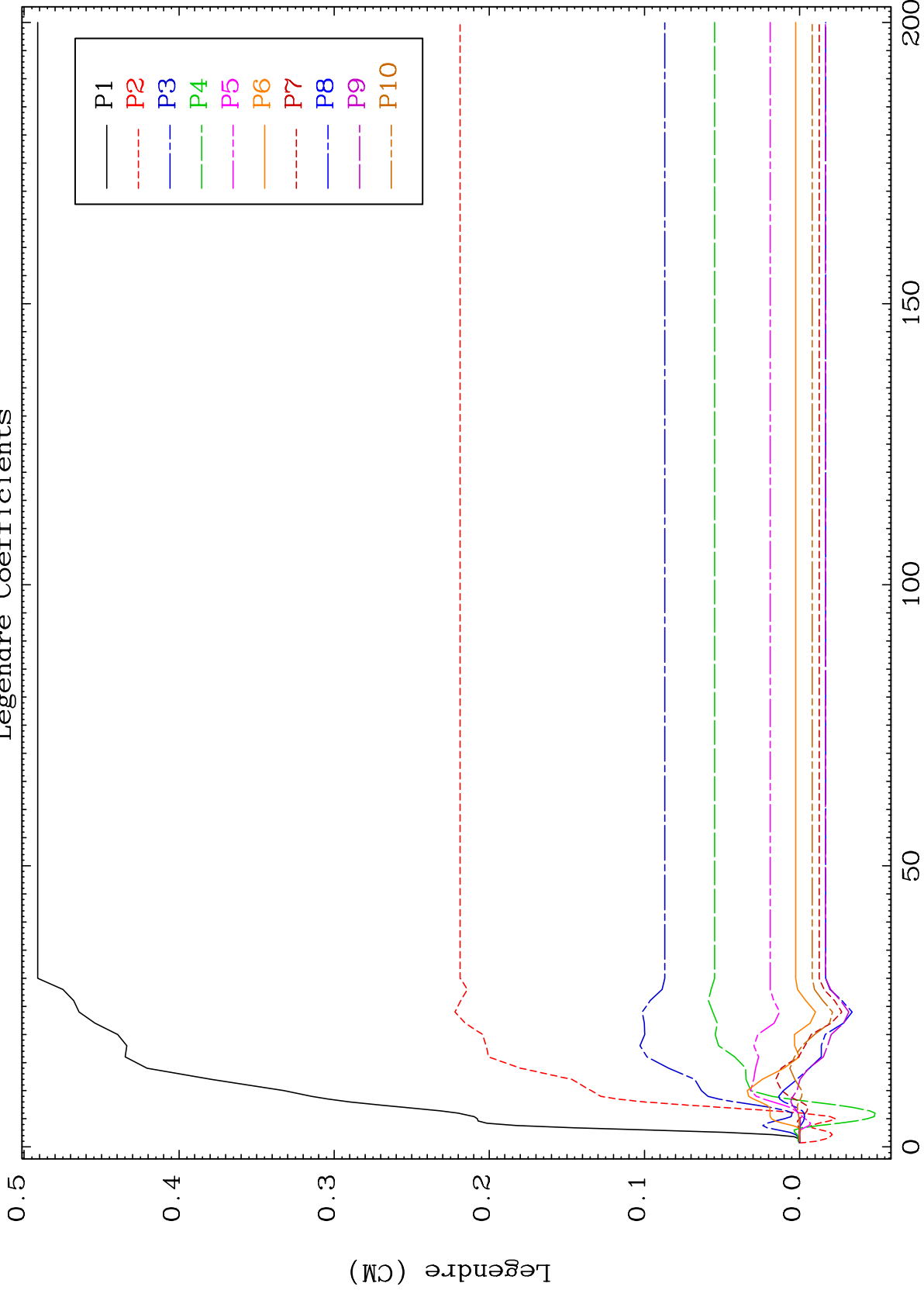
74-W -191



MAT 7458

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

74-W -191



52

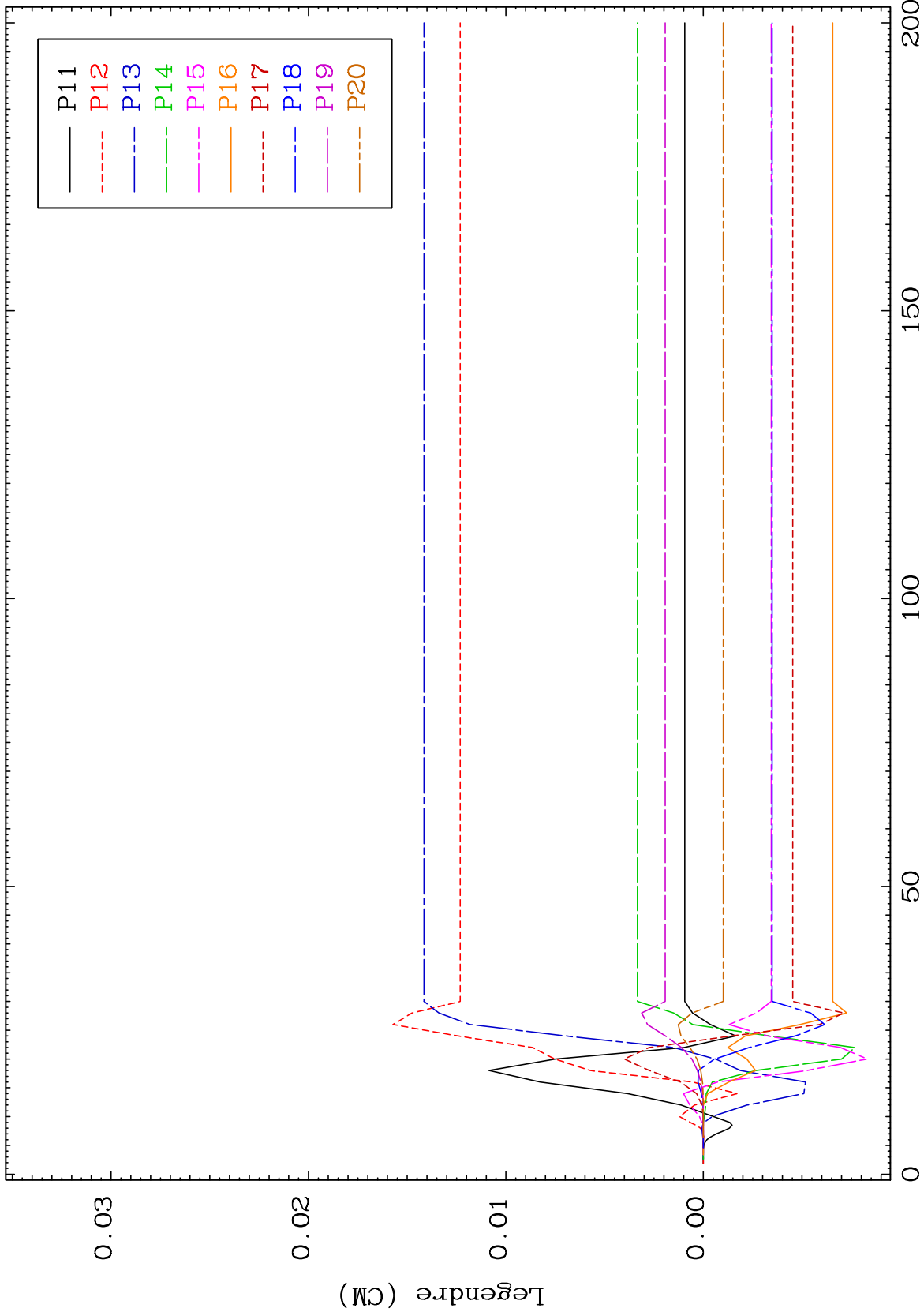
Incident Energy (MeV)

74-W -191

MAT 7458

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

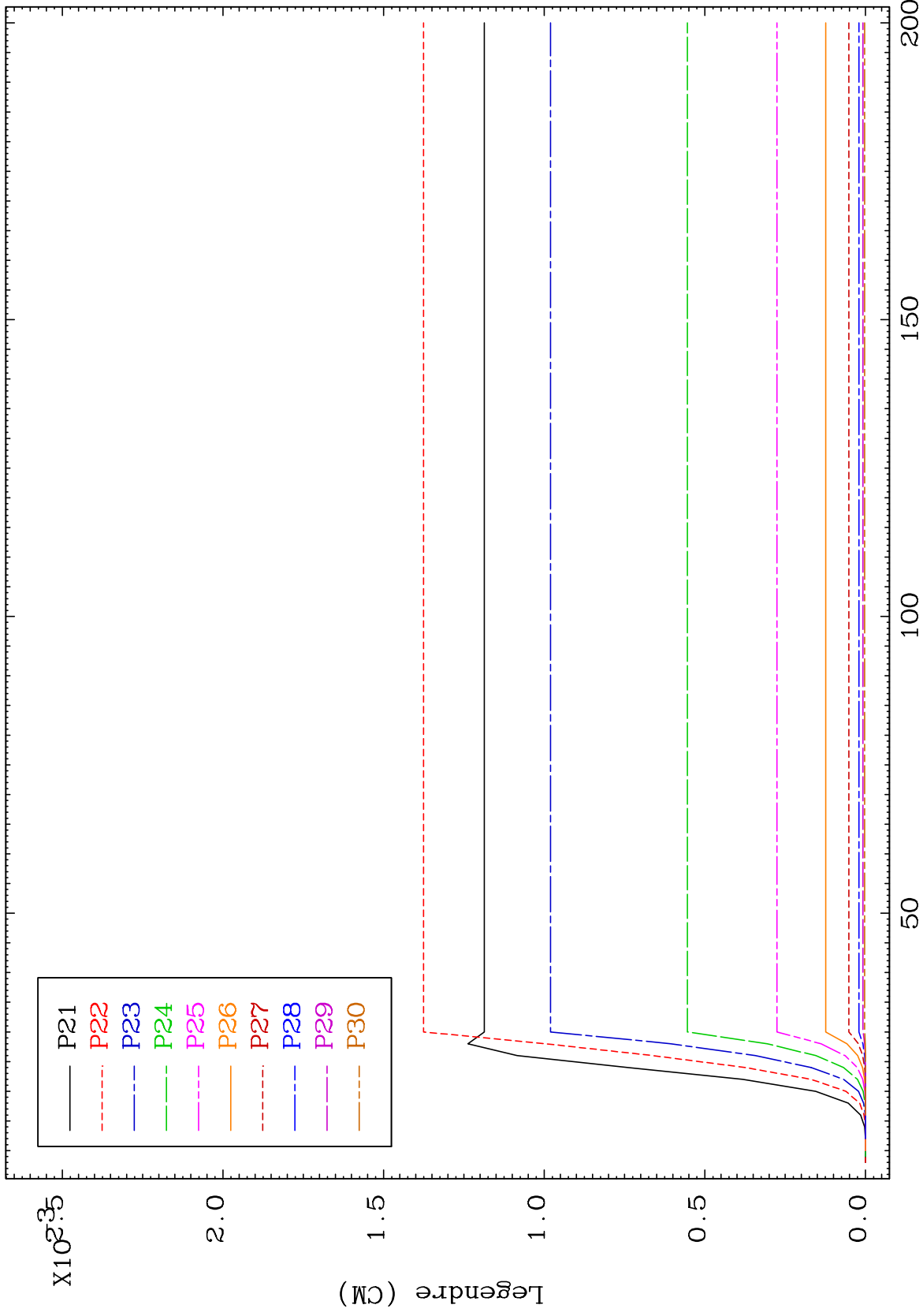
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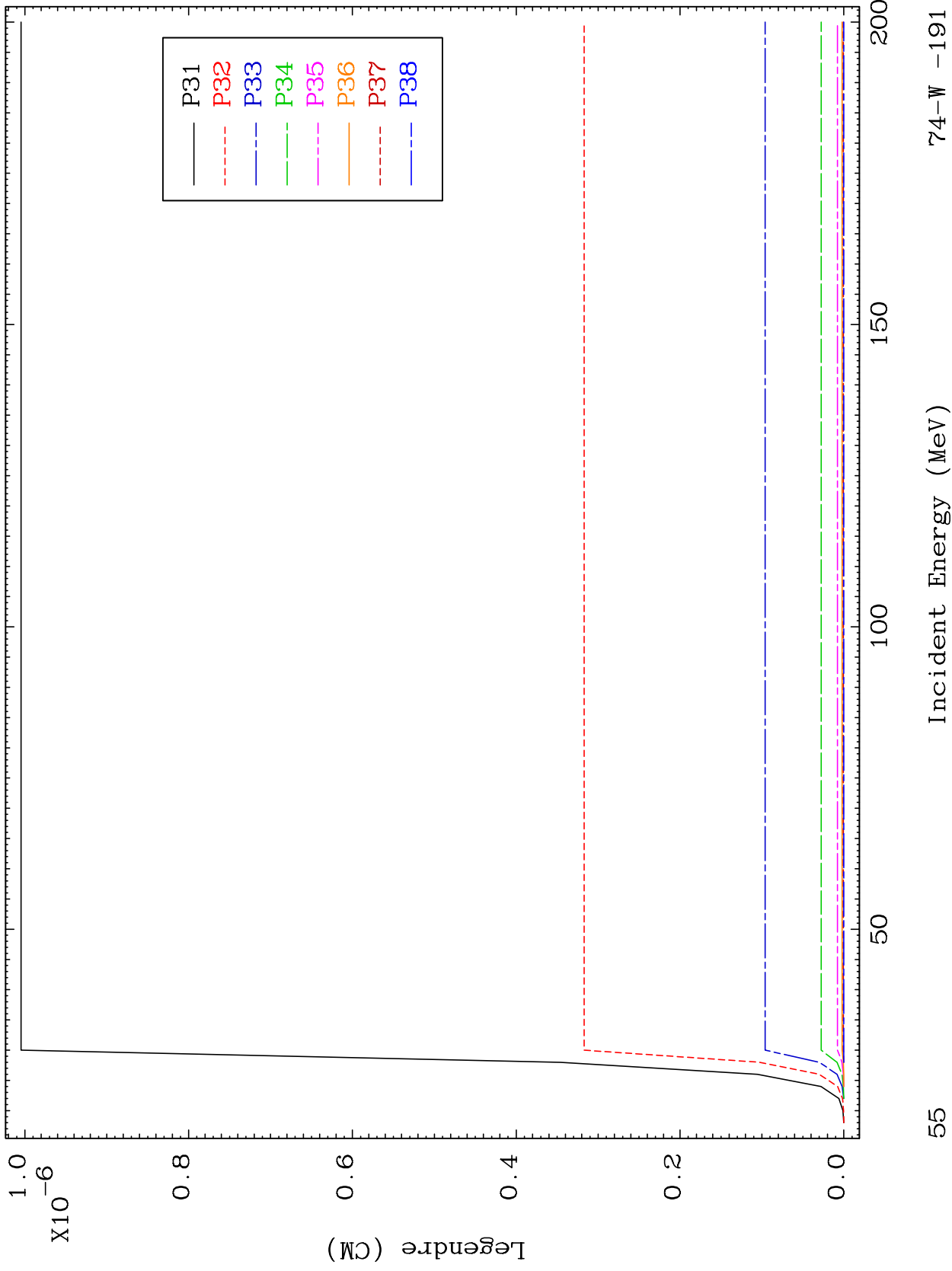


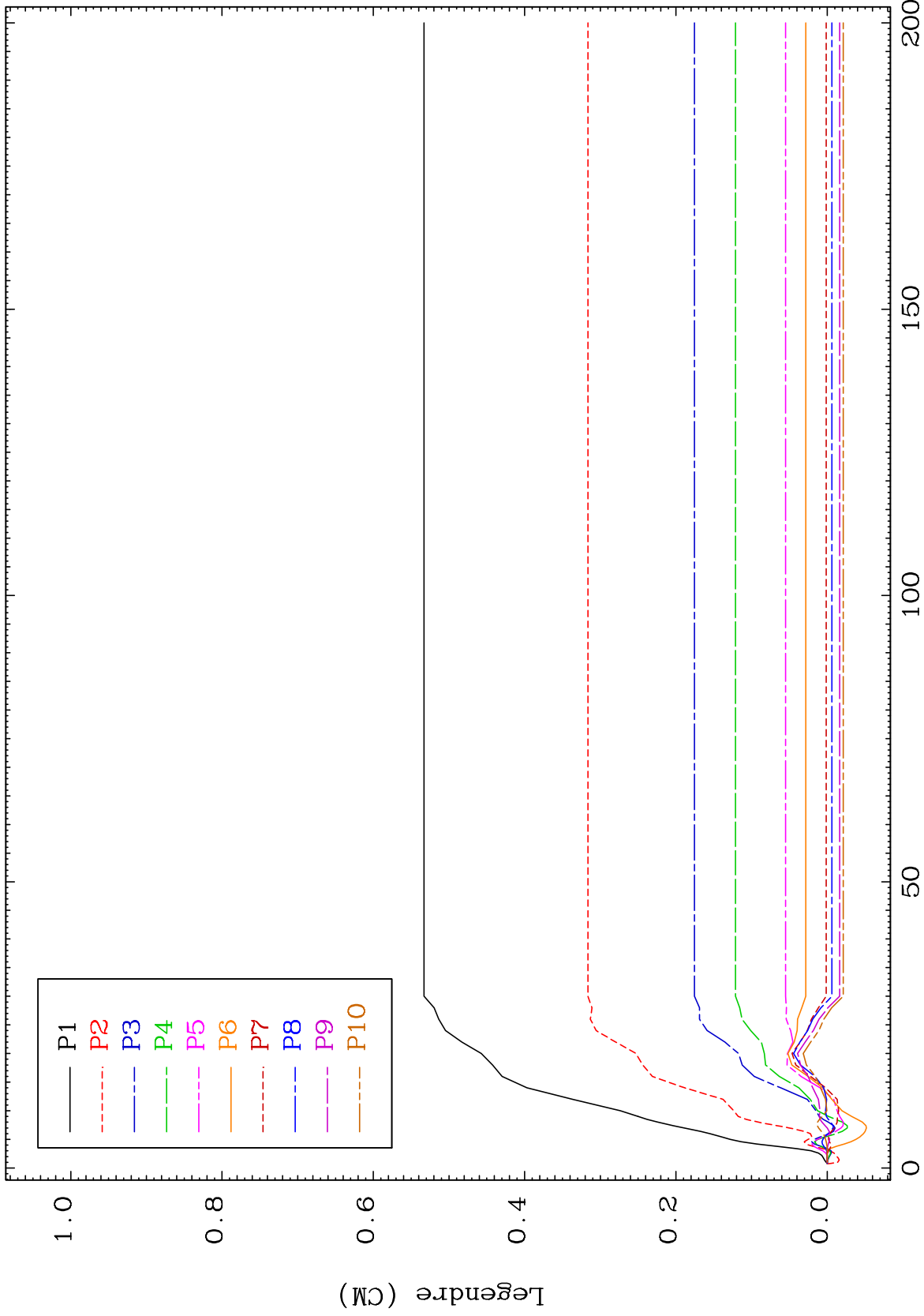
53

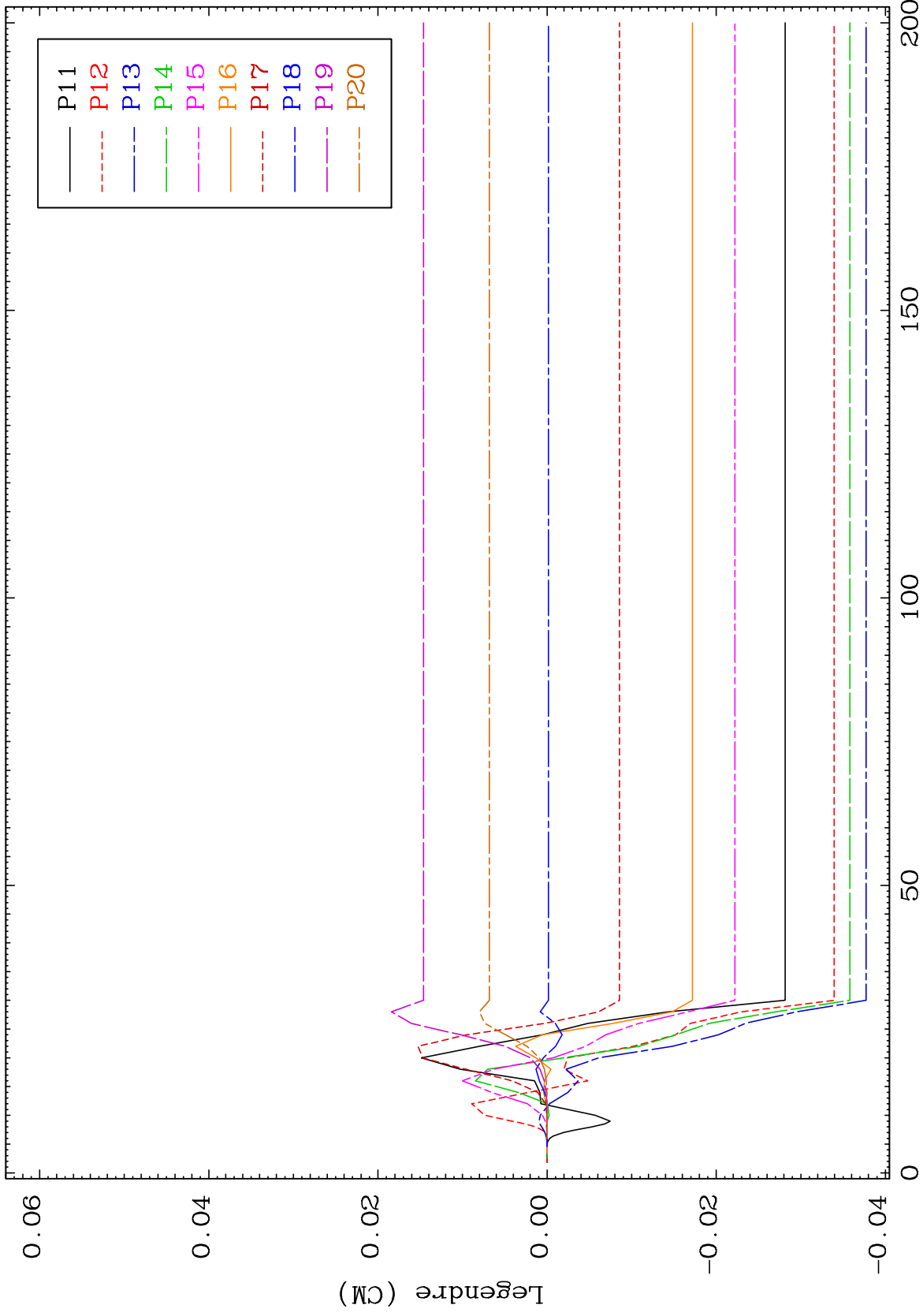
Incident Energy (MeV)

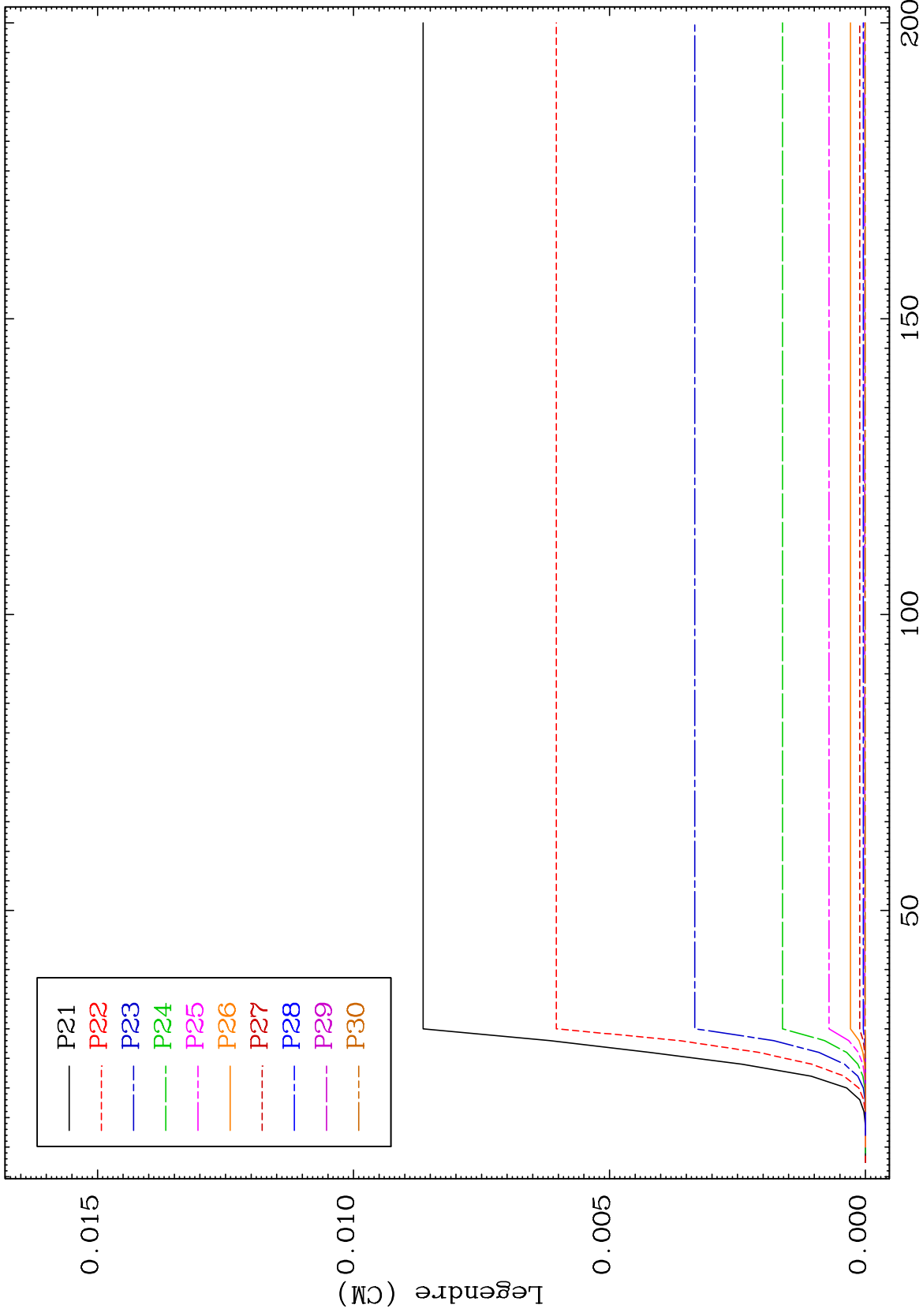
74-W -191

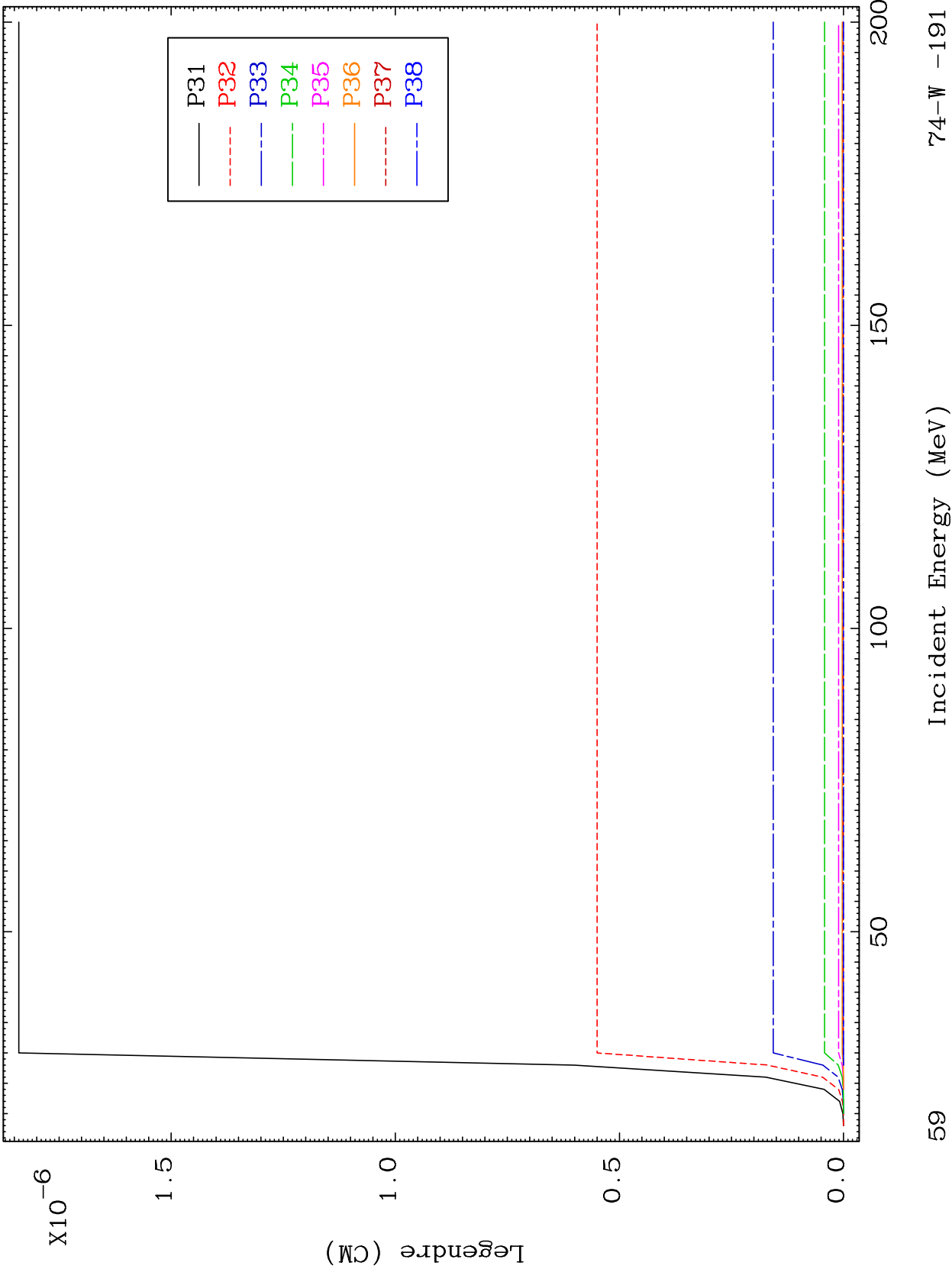








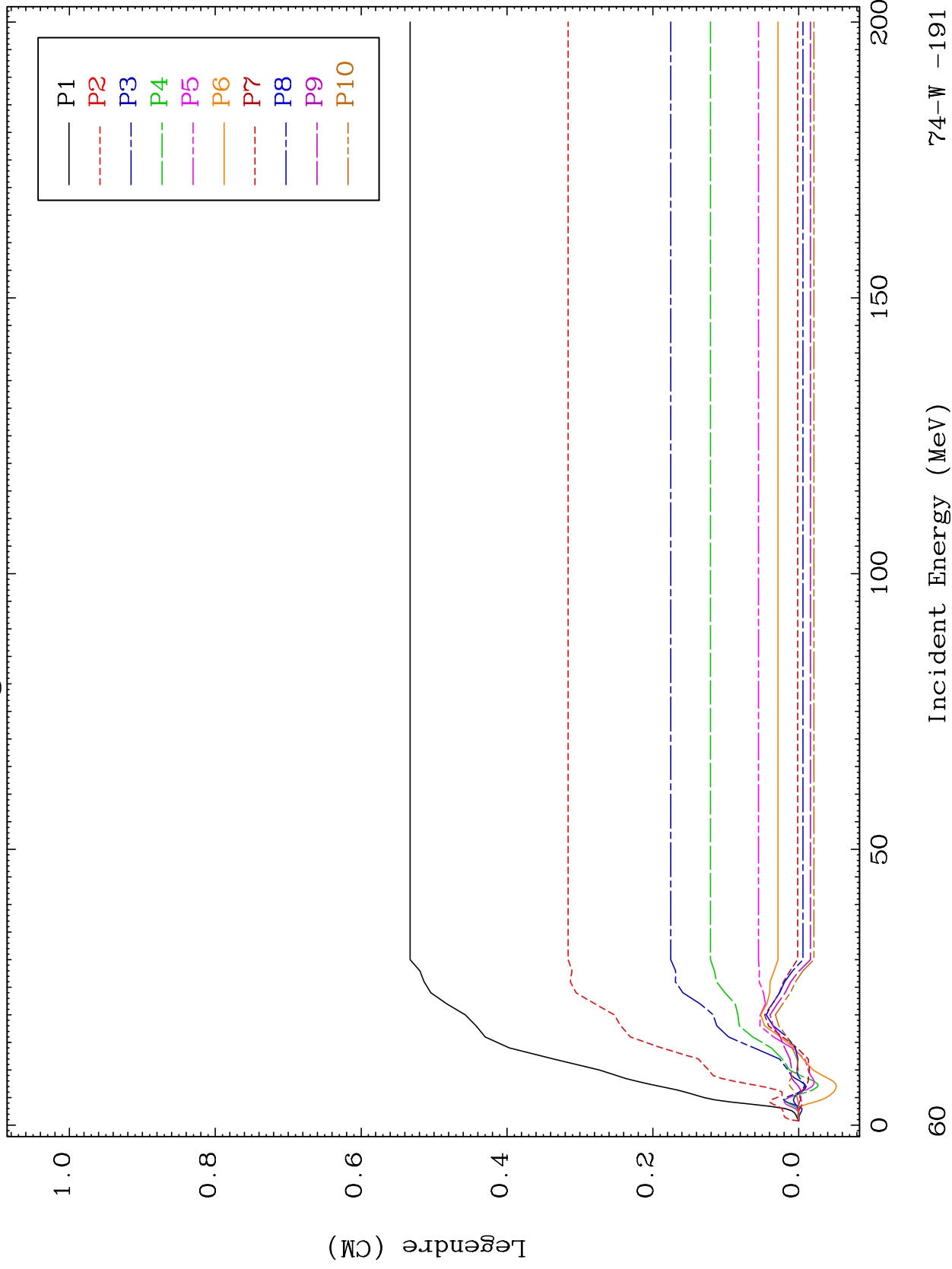




MAT 7458

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

74-W -191

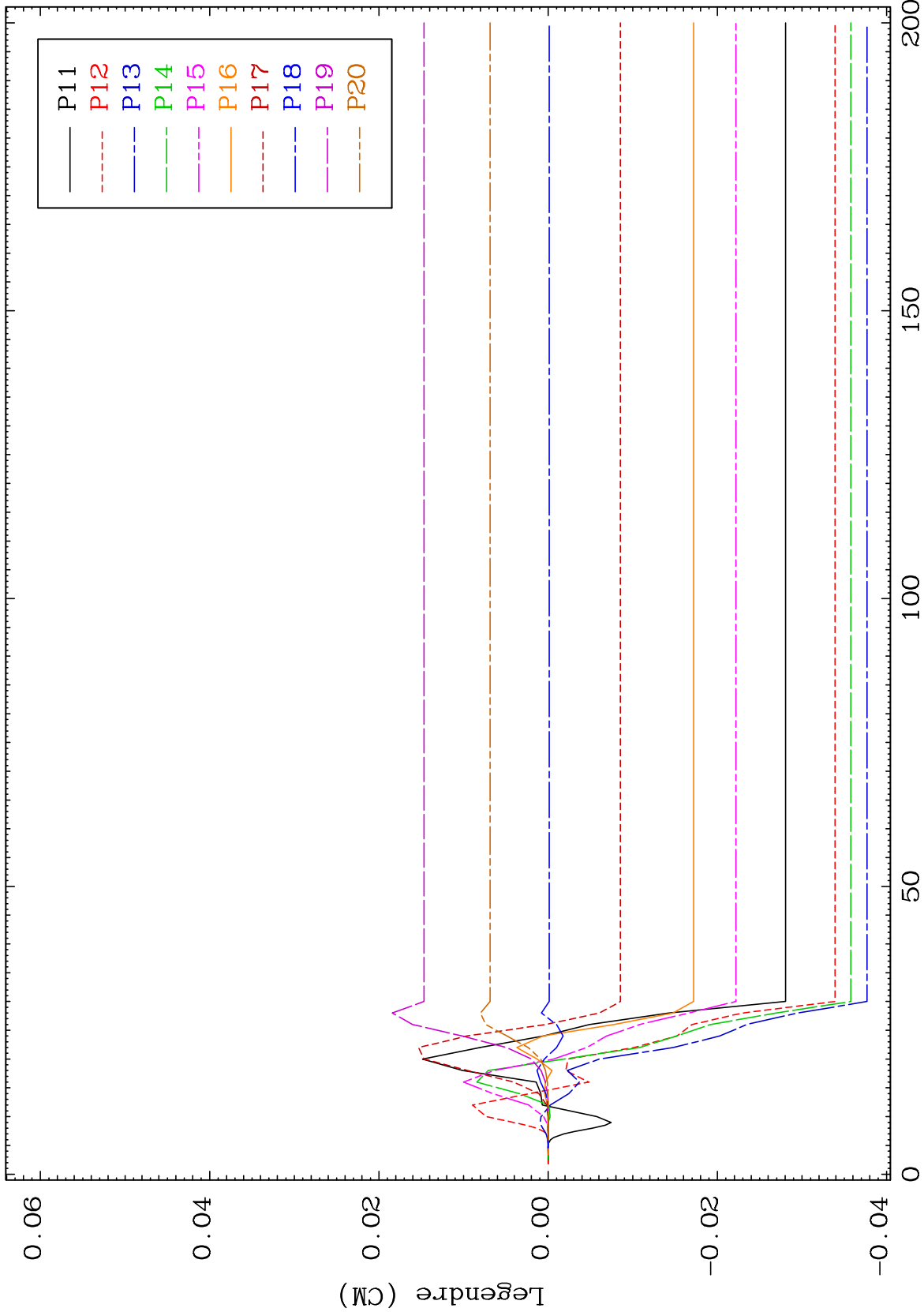


74-W -191

MAT 7458

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

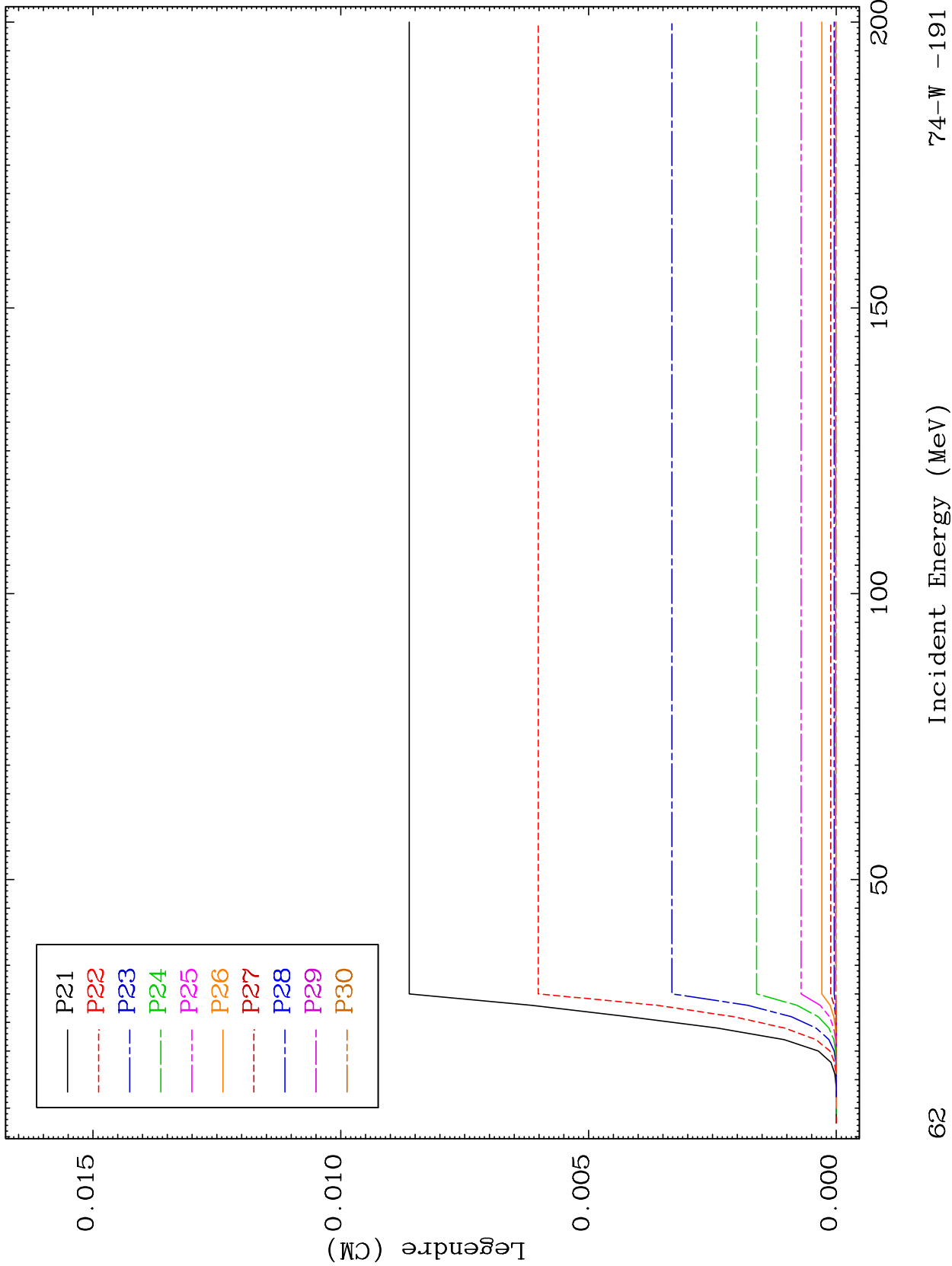
74-W -191

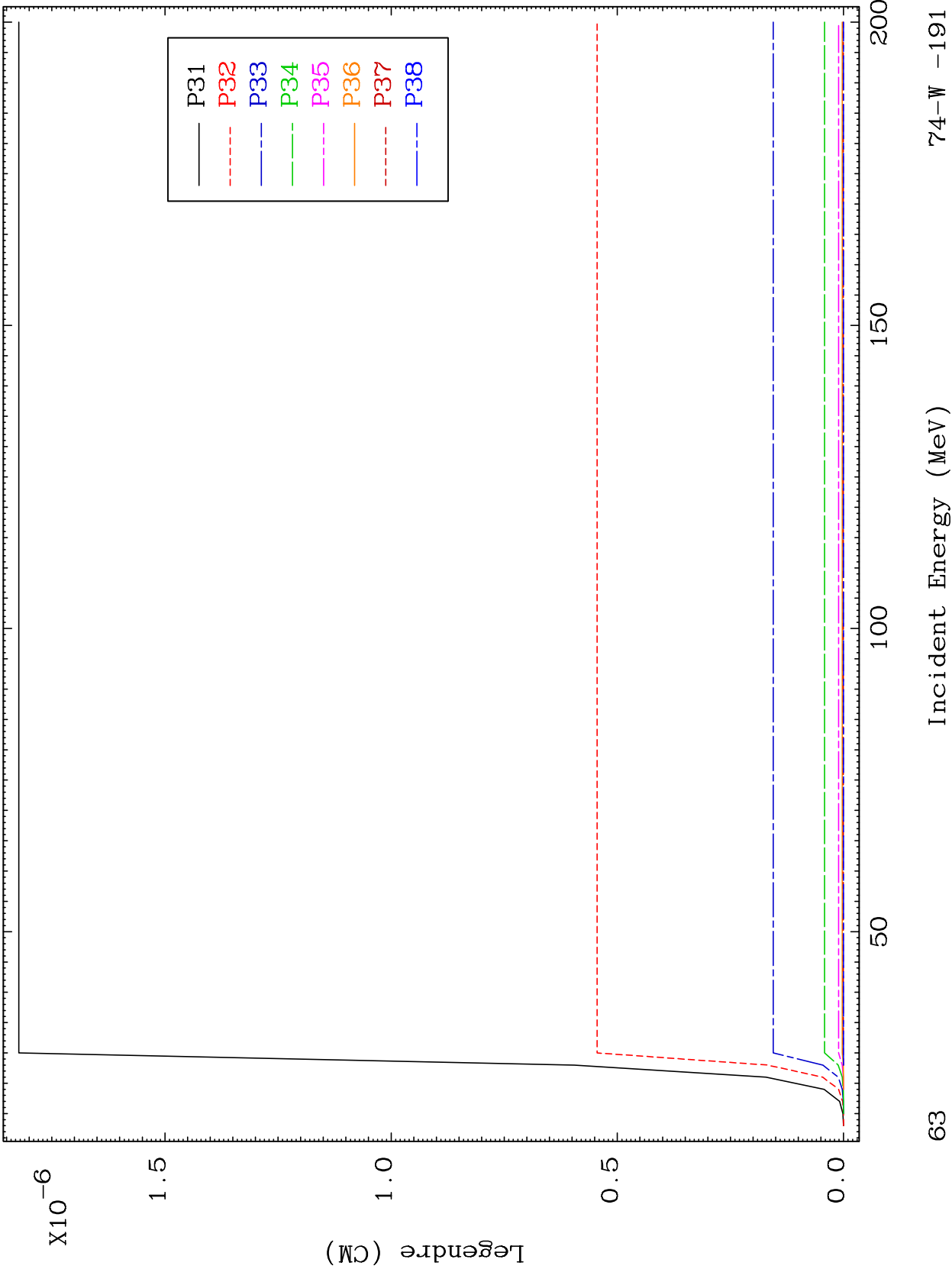


61

Incident Energy (MeV)

74-W -191

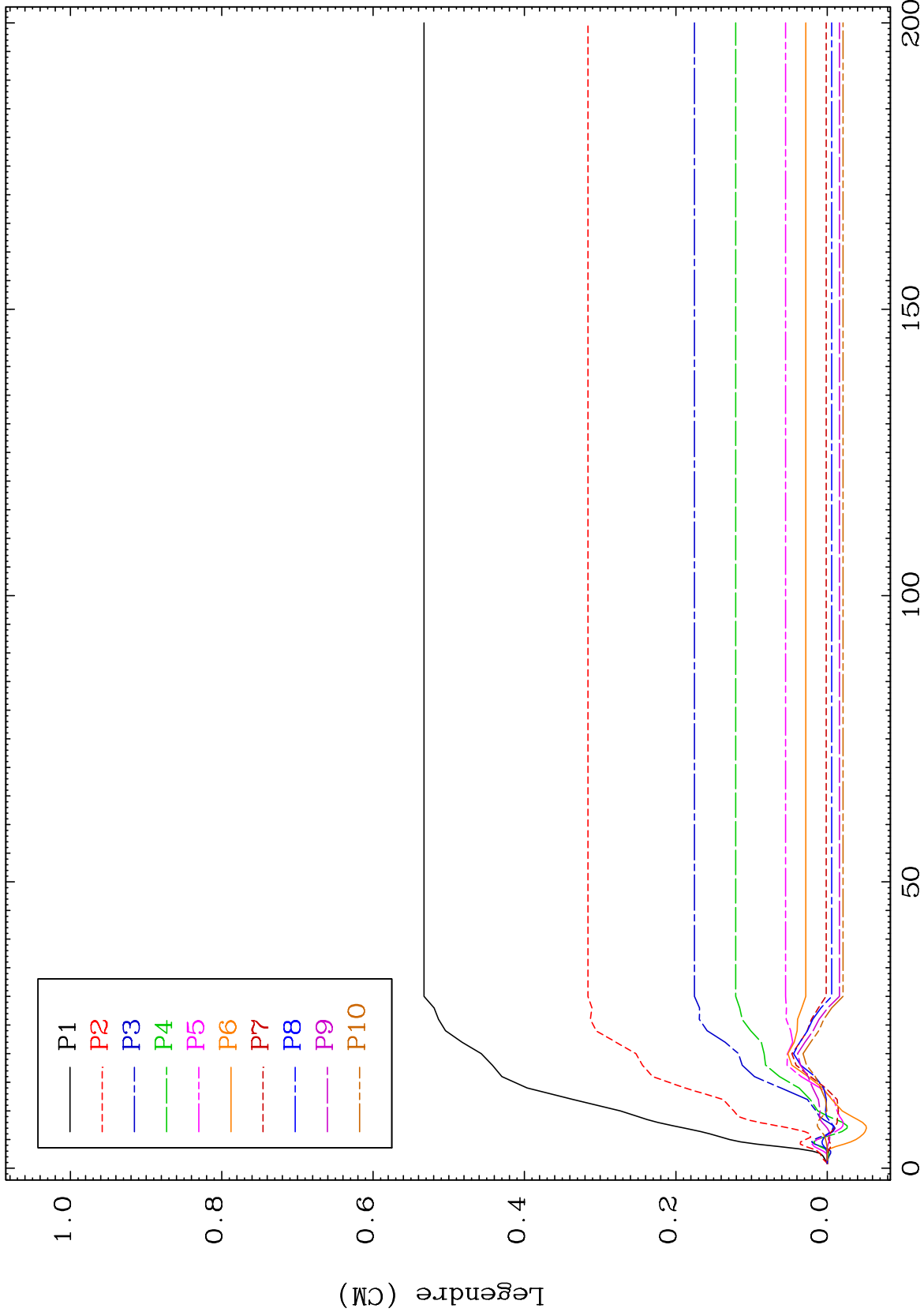




MAT 7458

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

74-W -191



64

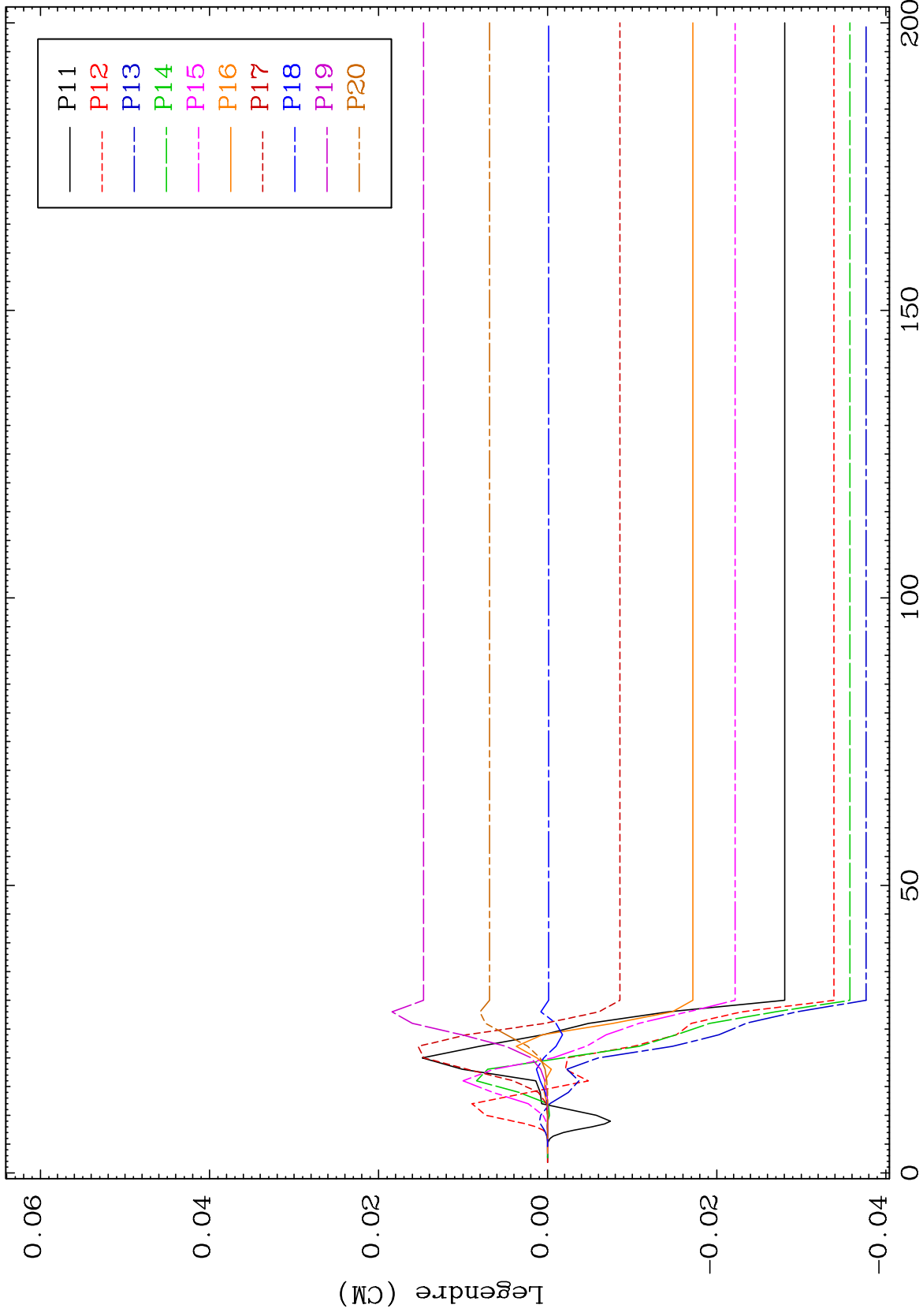
Incident Energy (MeV)

74-W -191

MAT 7458

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

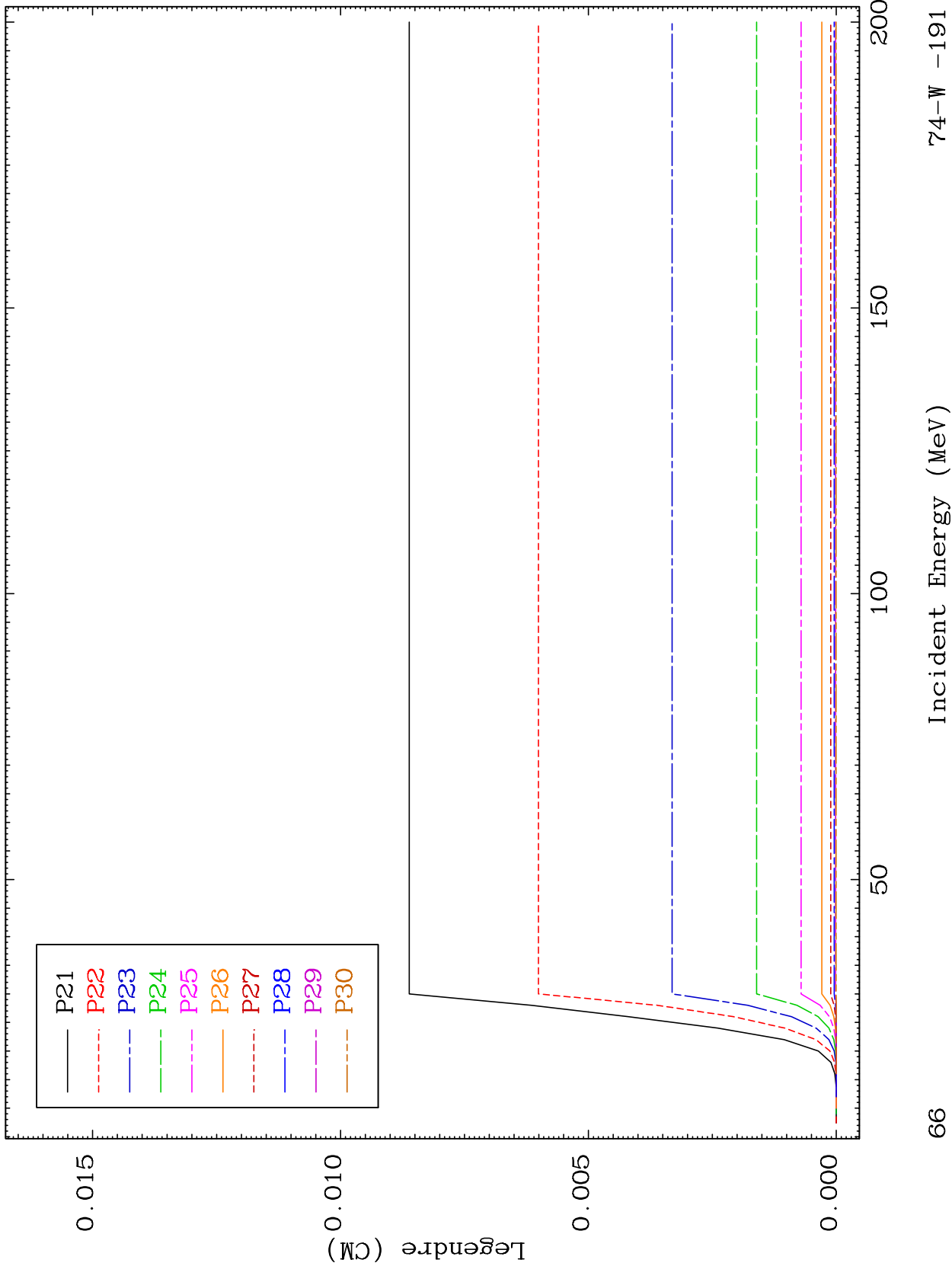
74-W -191



65

Incident Energy (MeV)

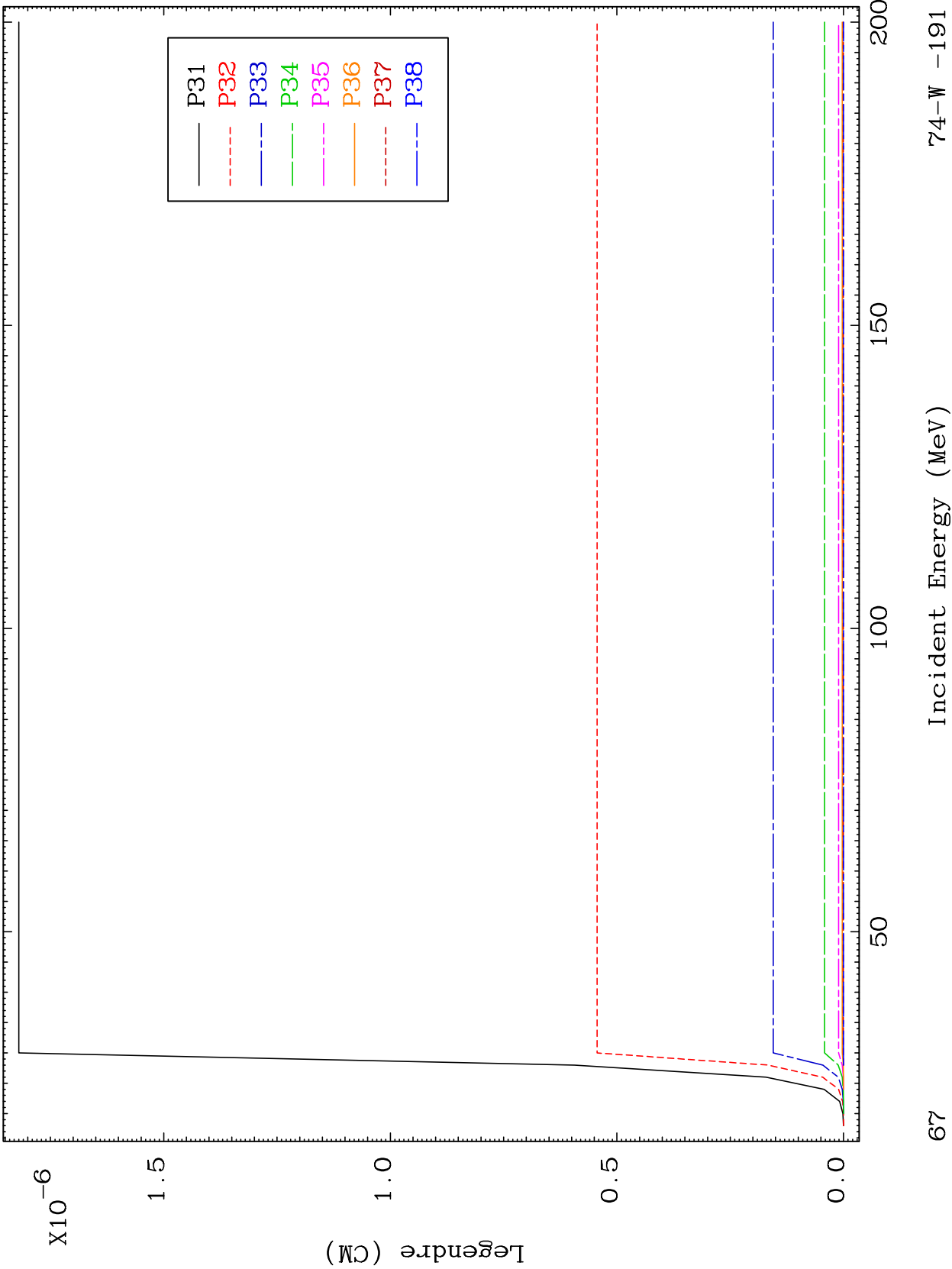
74-W -191



MAT 7458

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

74-W -191



67

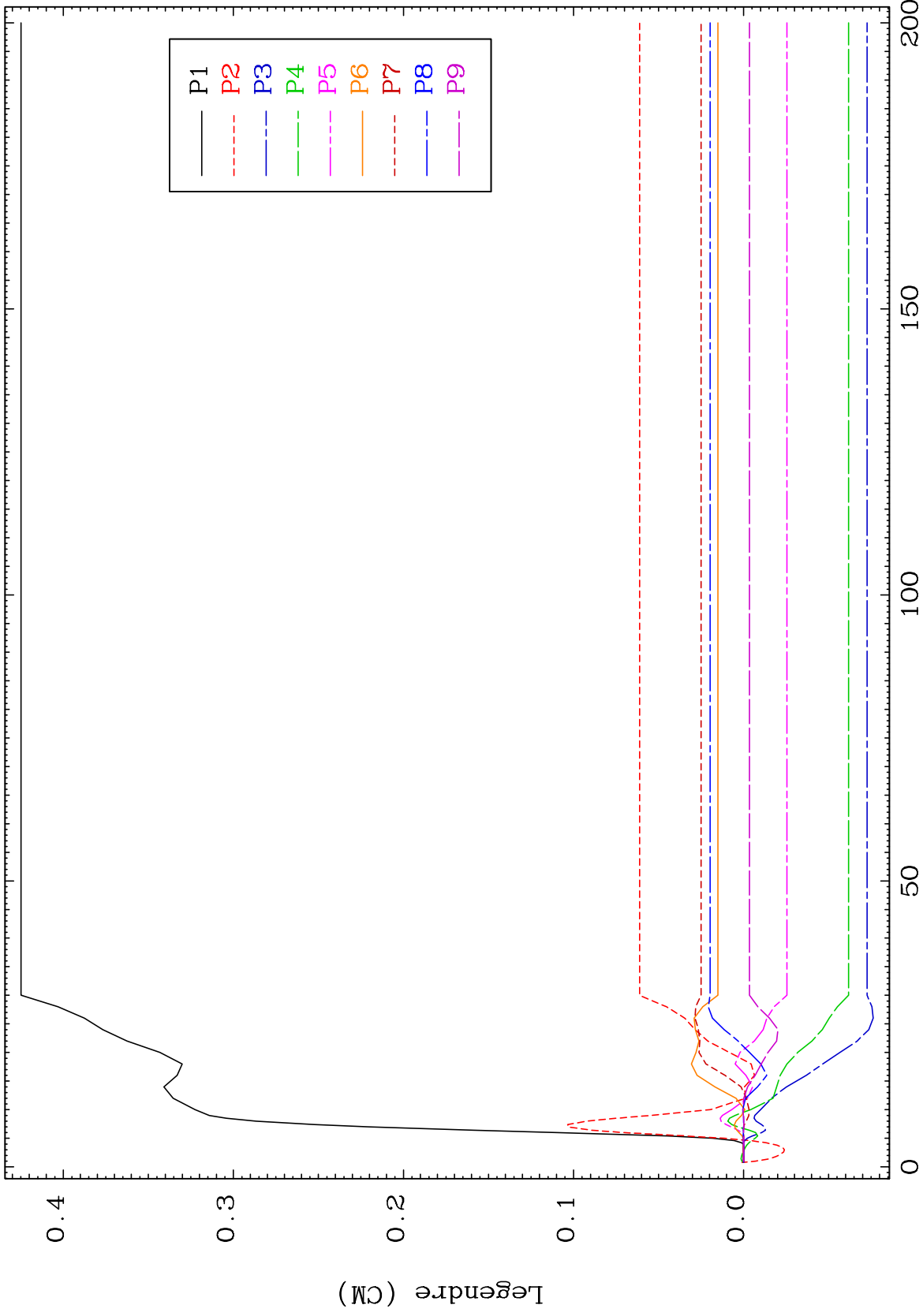
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



68

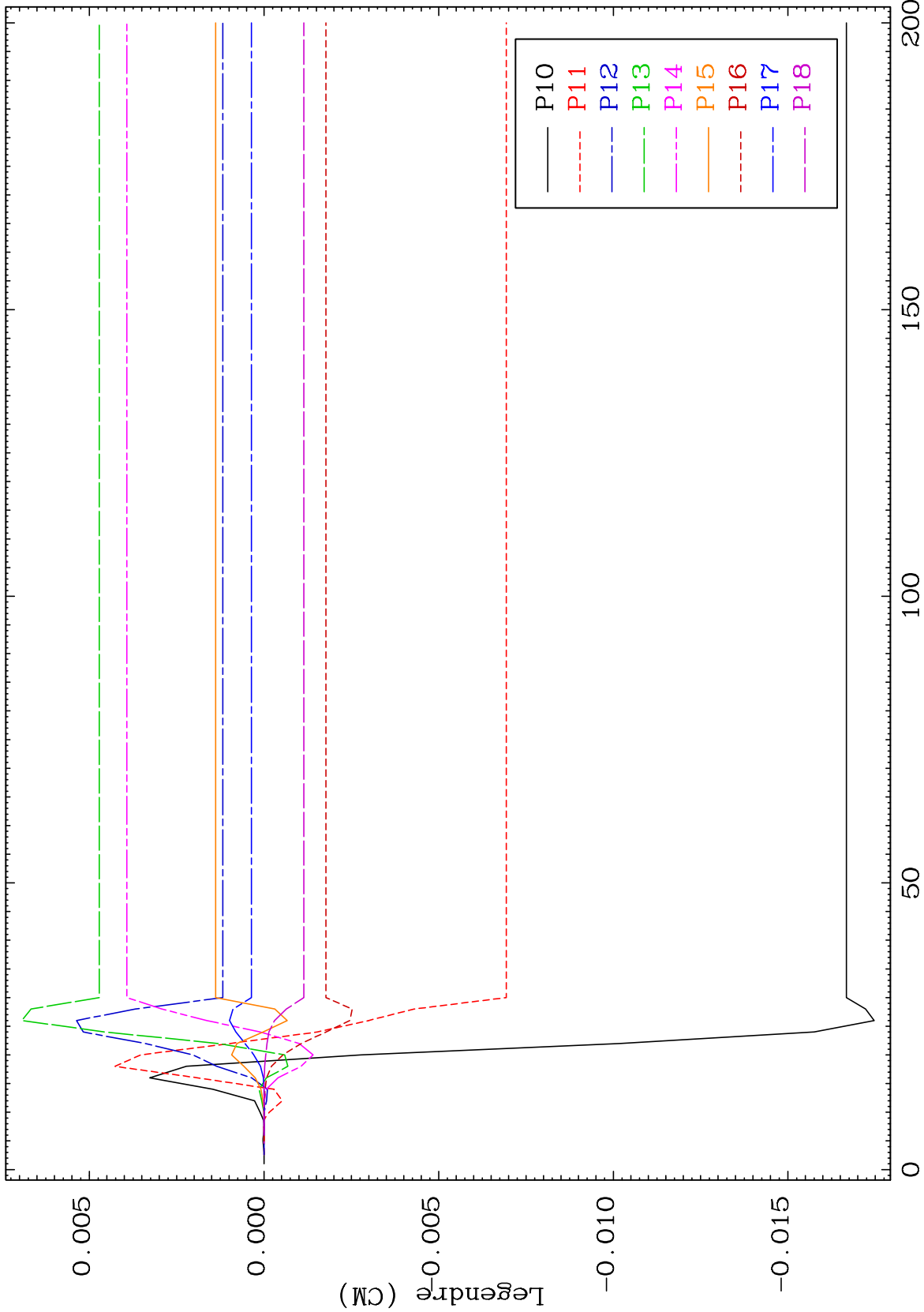
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



69

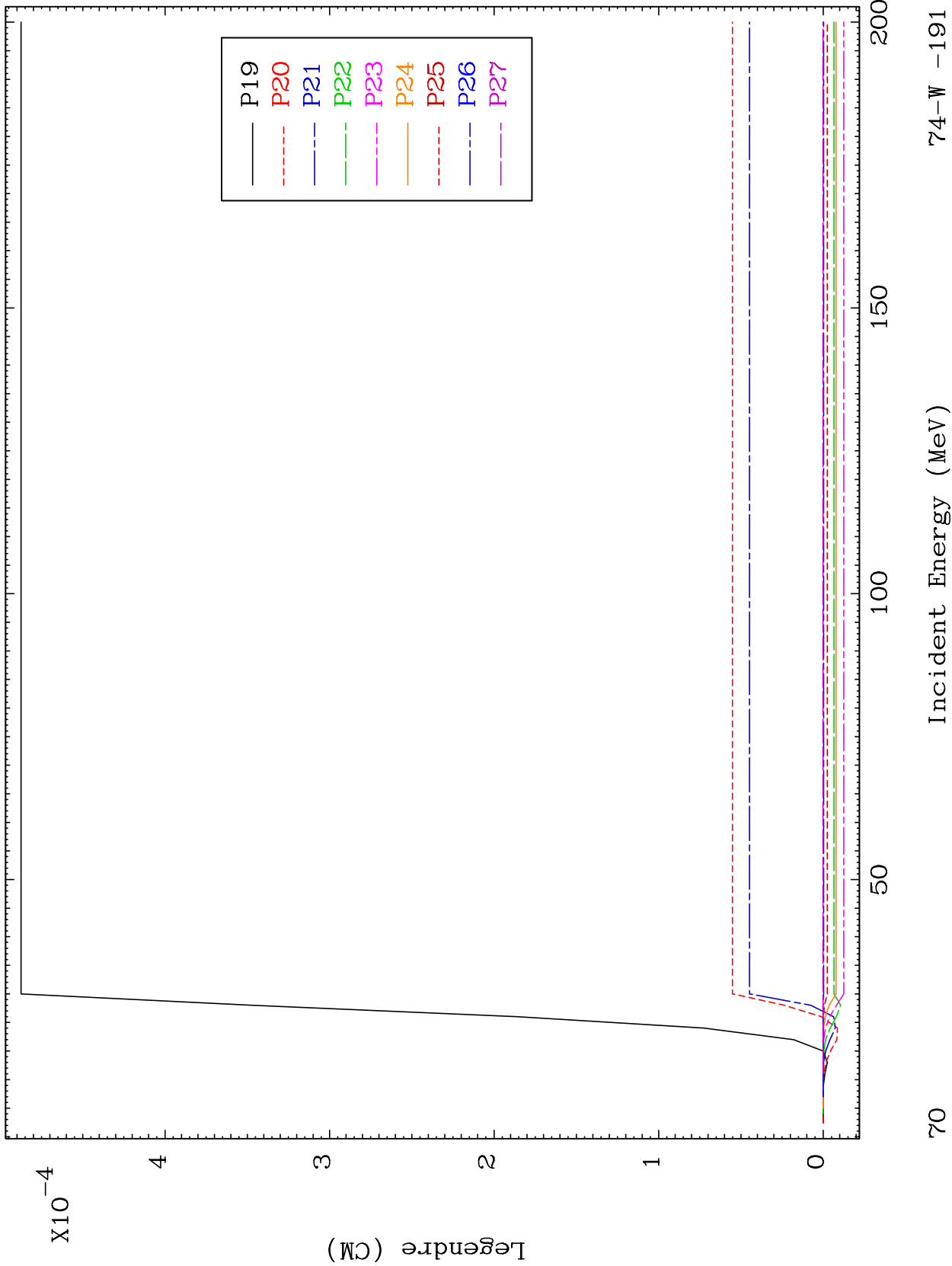
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



70

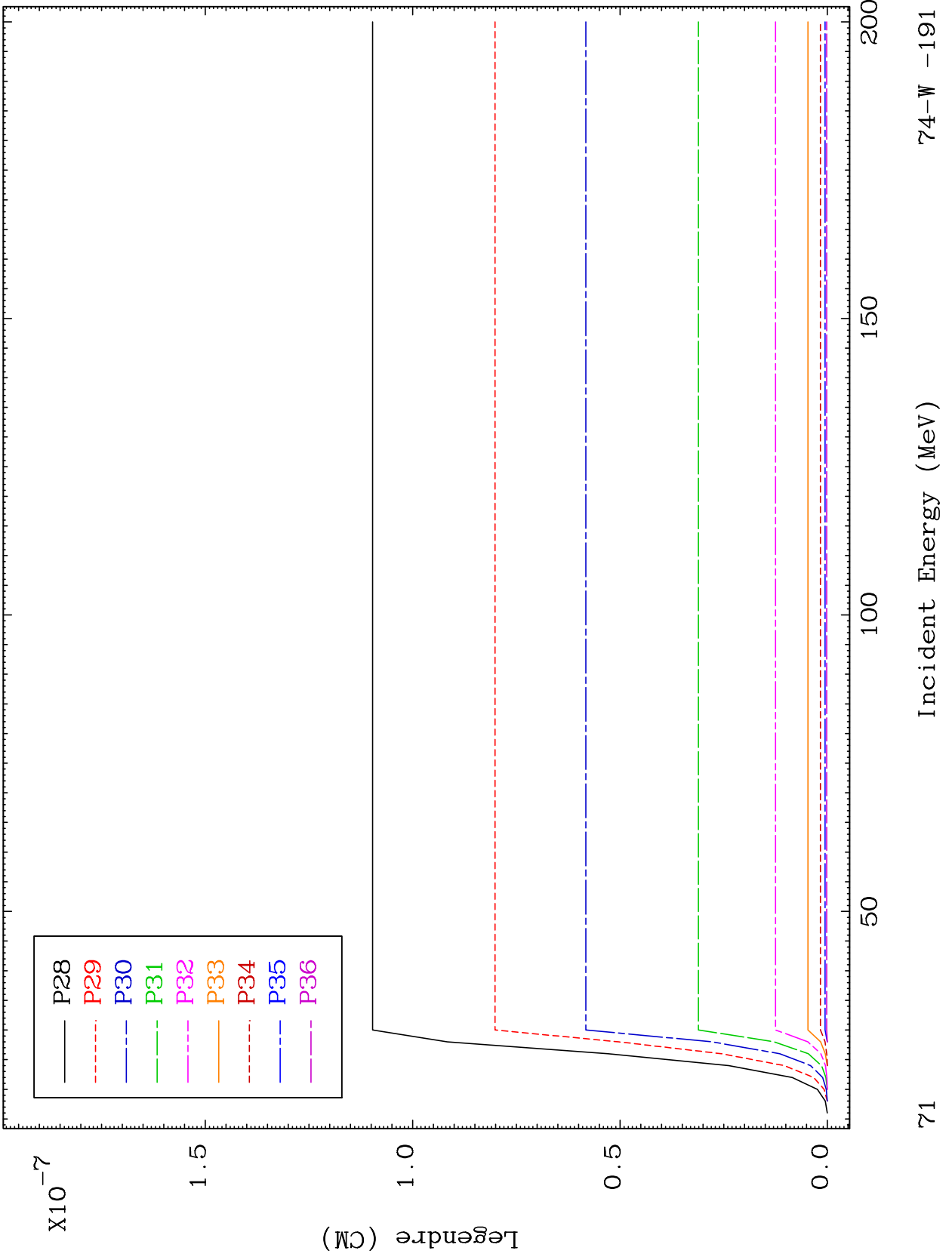
Incident Energy (MeV)

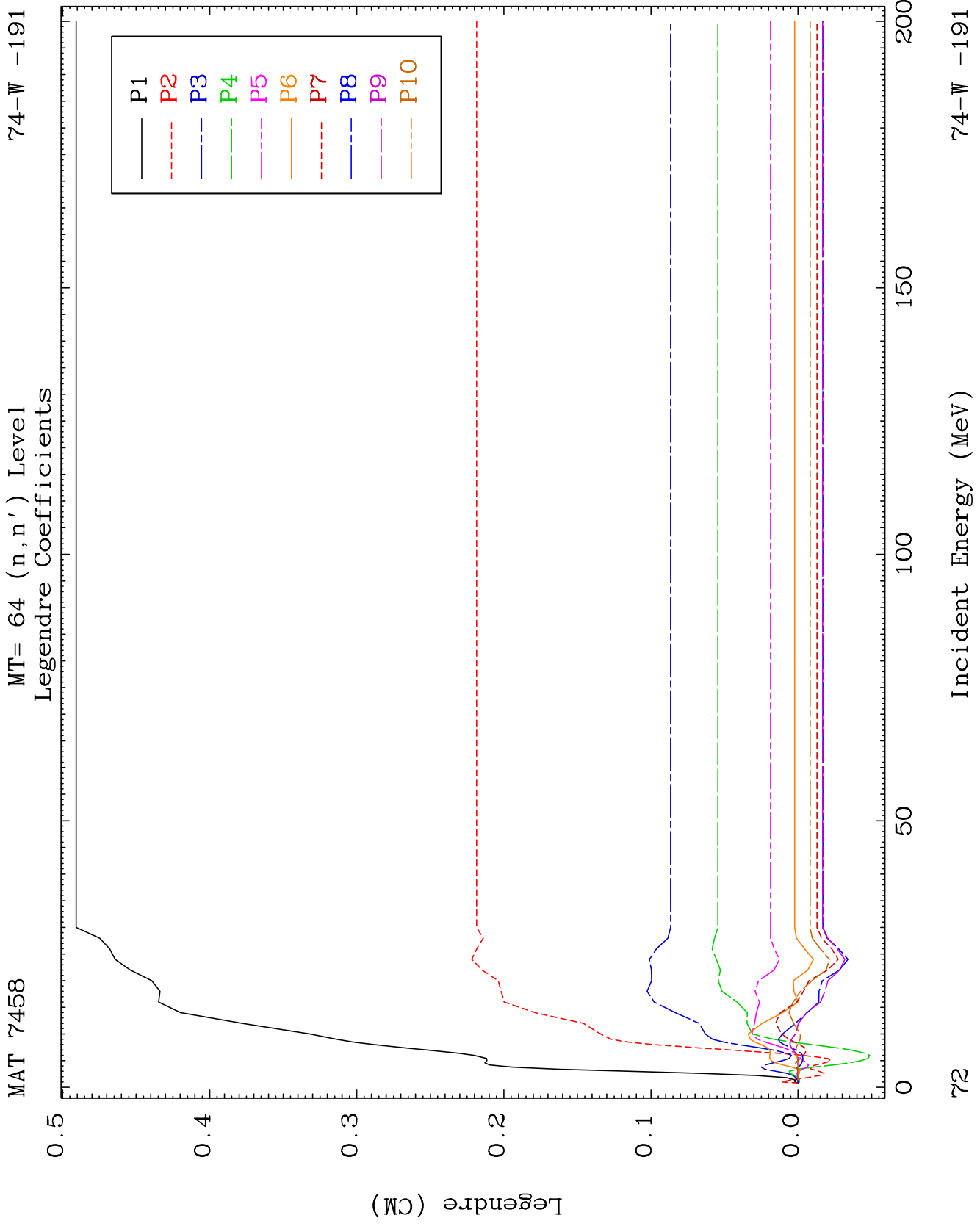
74-W -191

MAT 7458

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

74-W -191

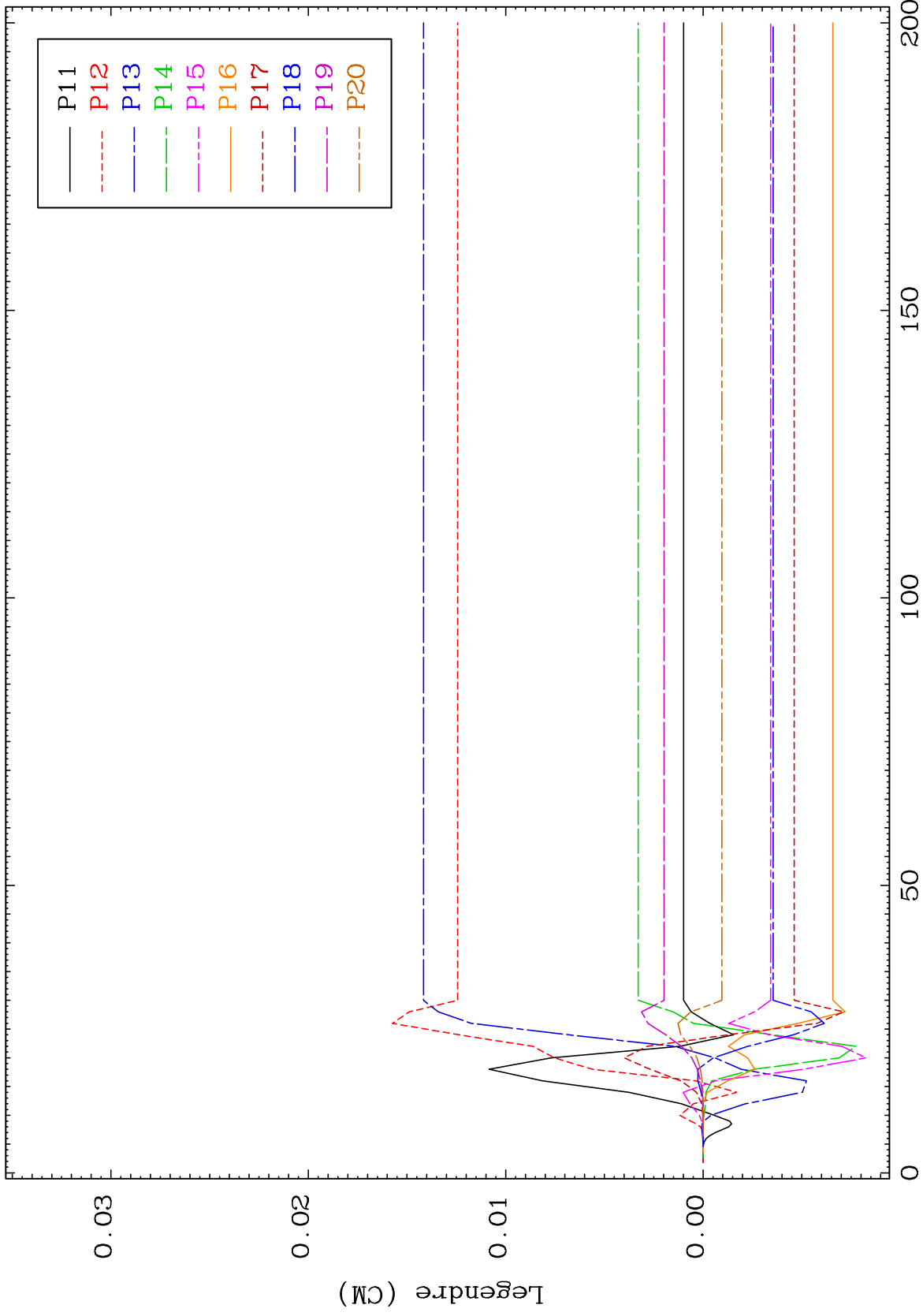




MAT 7458

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

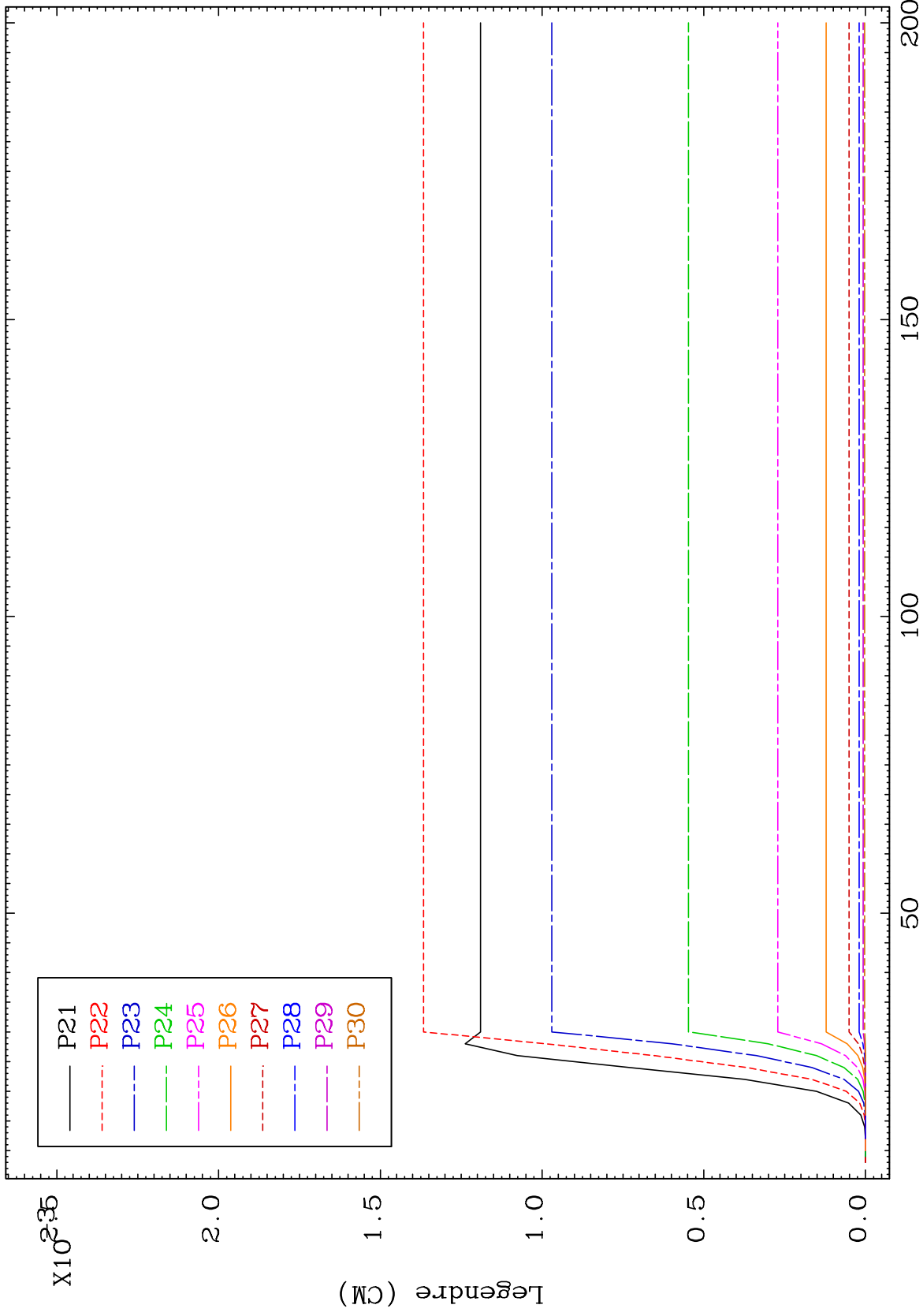
74-W -191



73

Incident Energy (MeV)

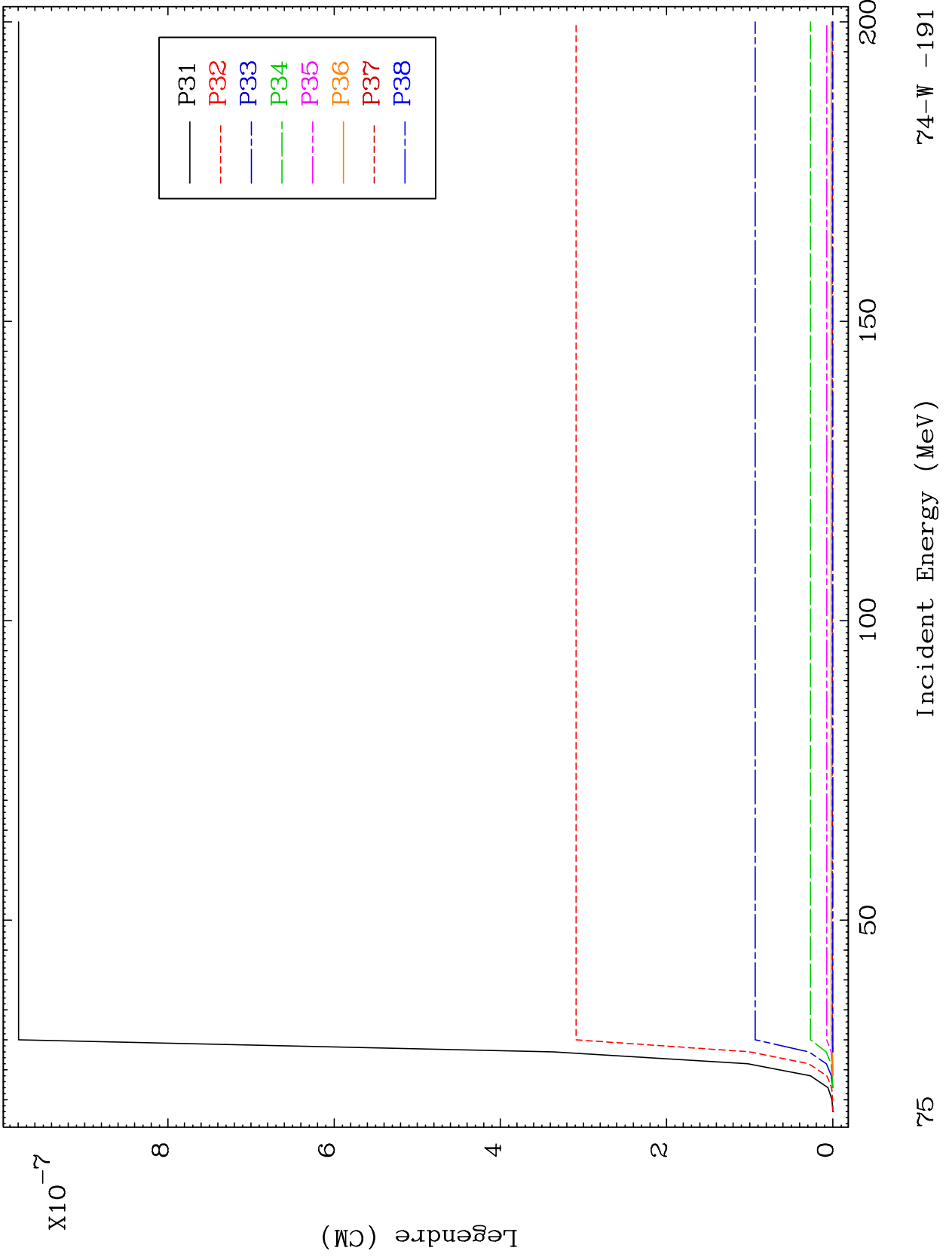
74-W -191



MAT 7458

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

74-W -191



75

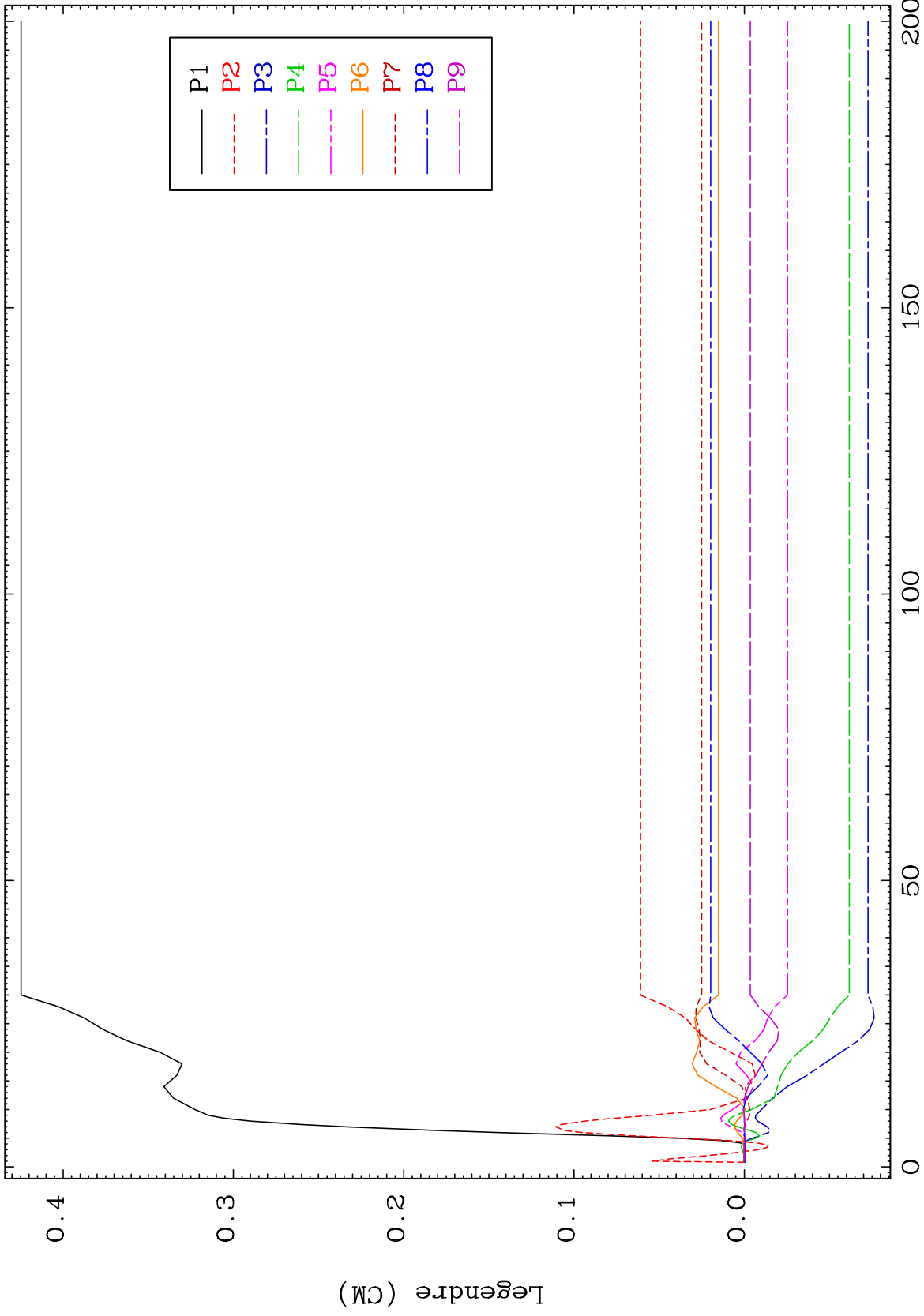
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



76

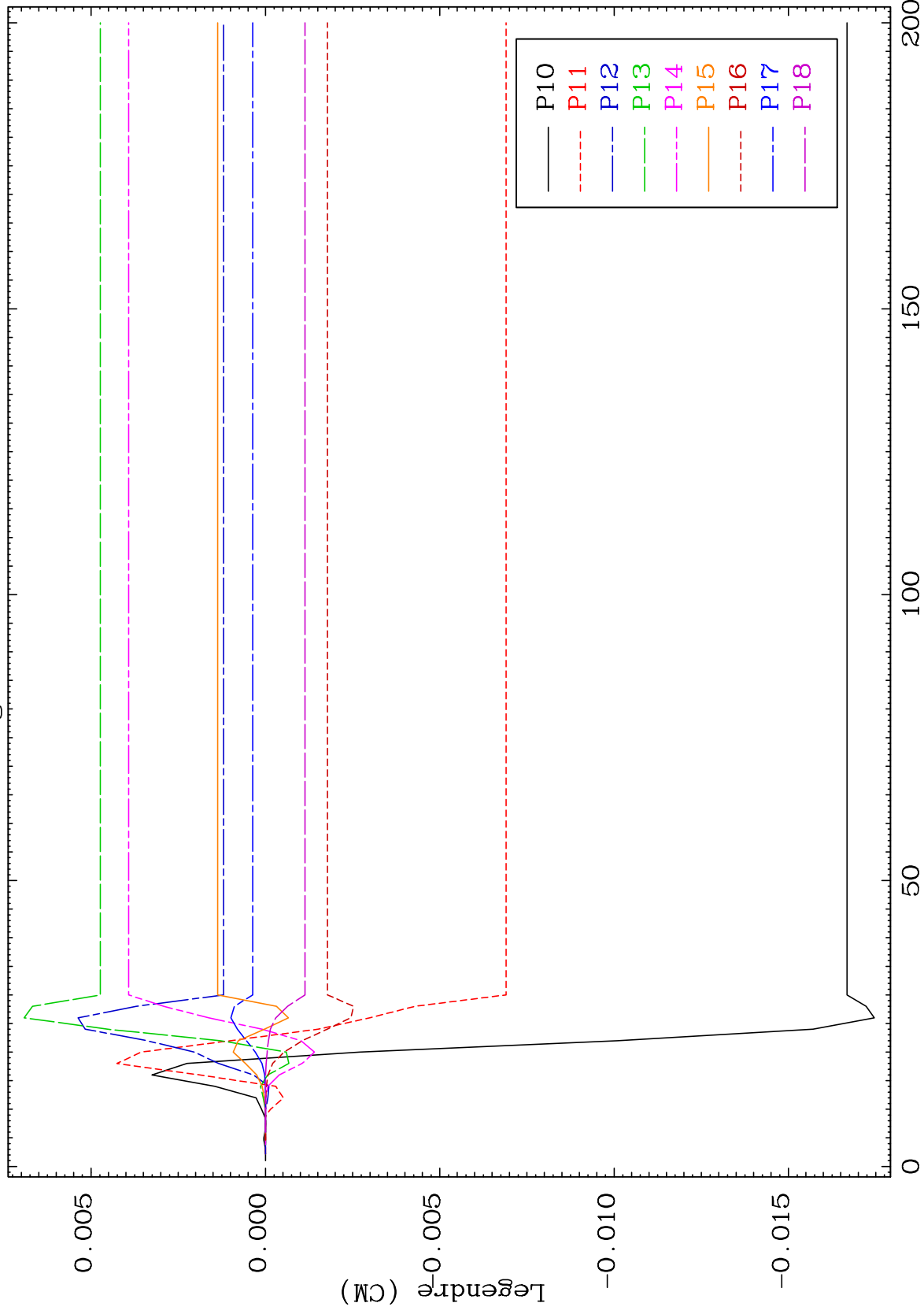
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



77

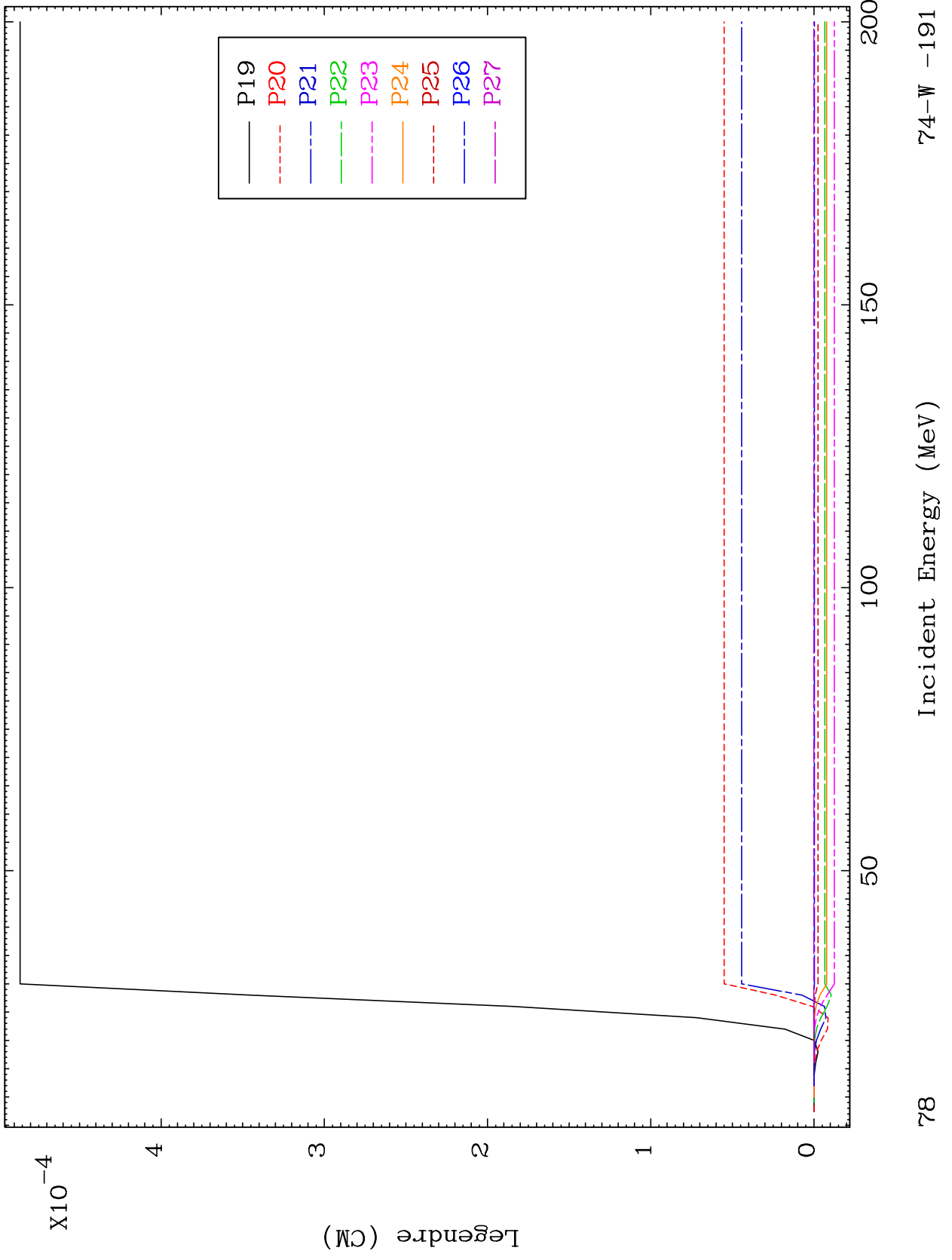
Incident Energy (MeV)

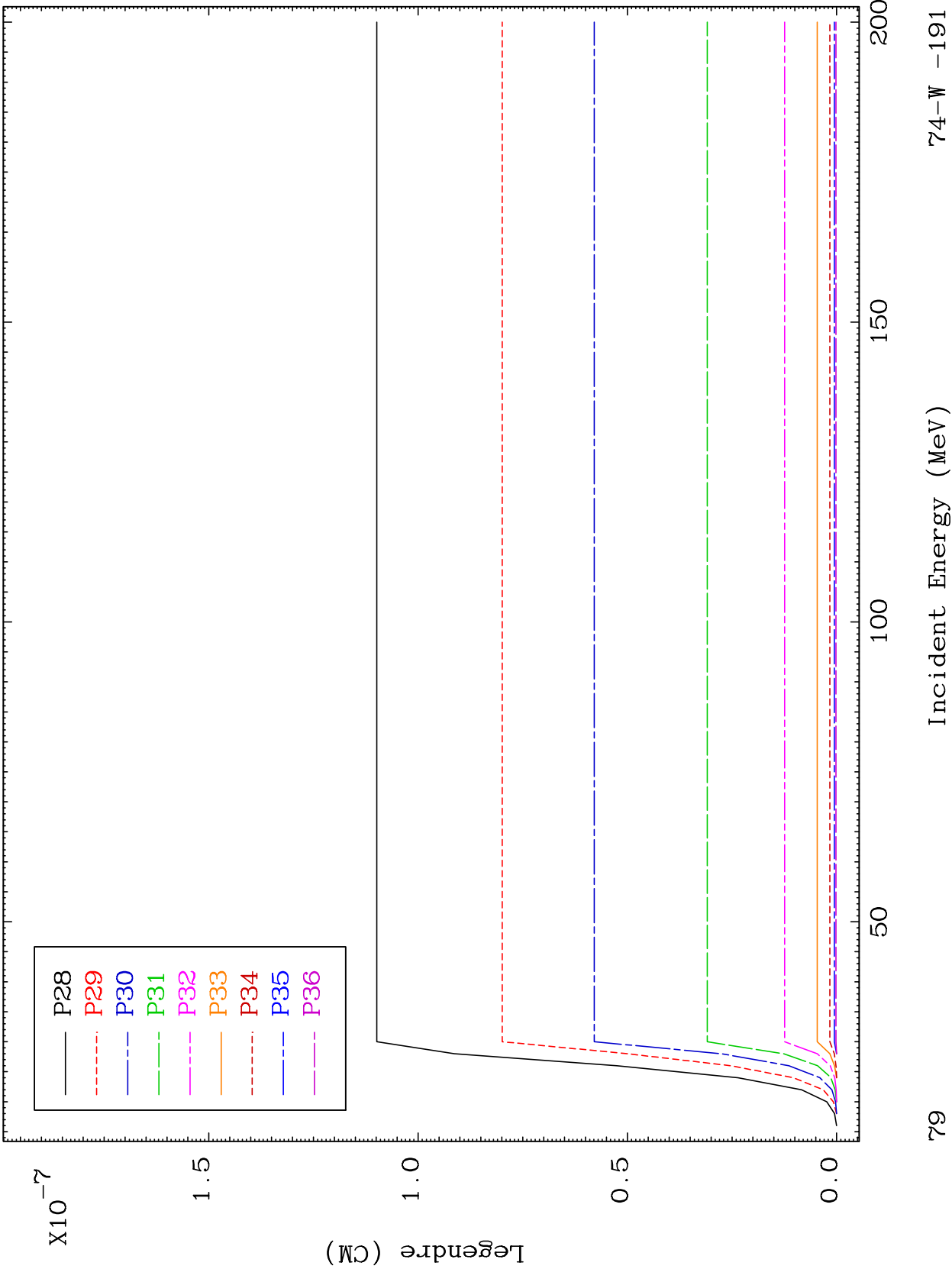
74-W -191

MAT 7458

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

74-W -191

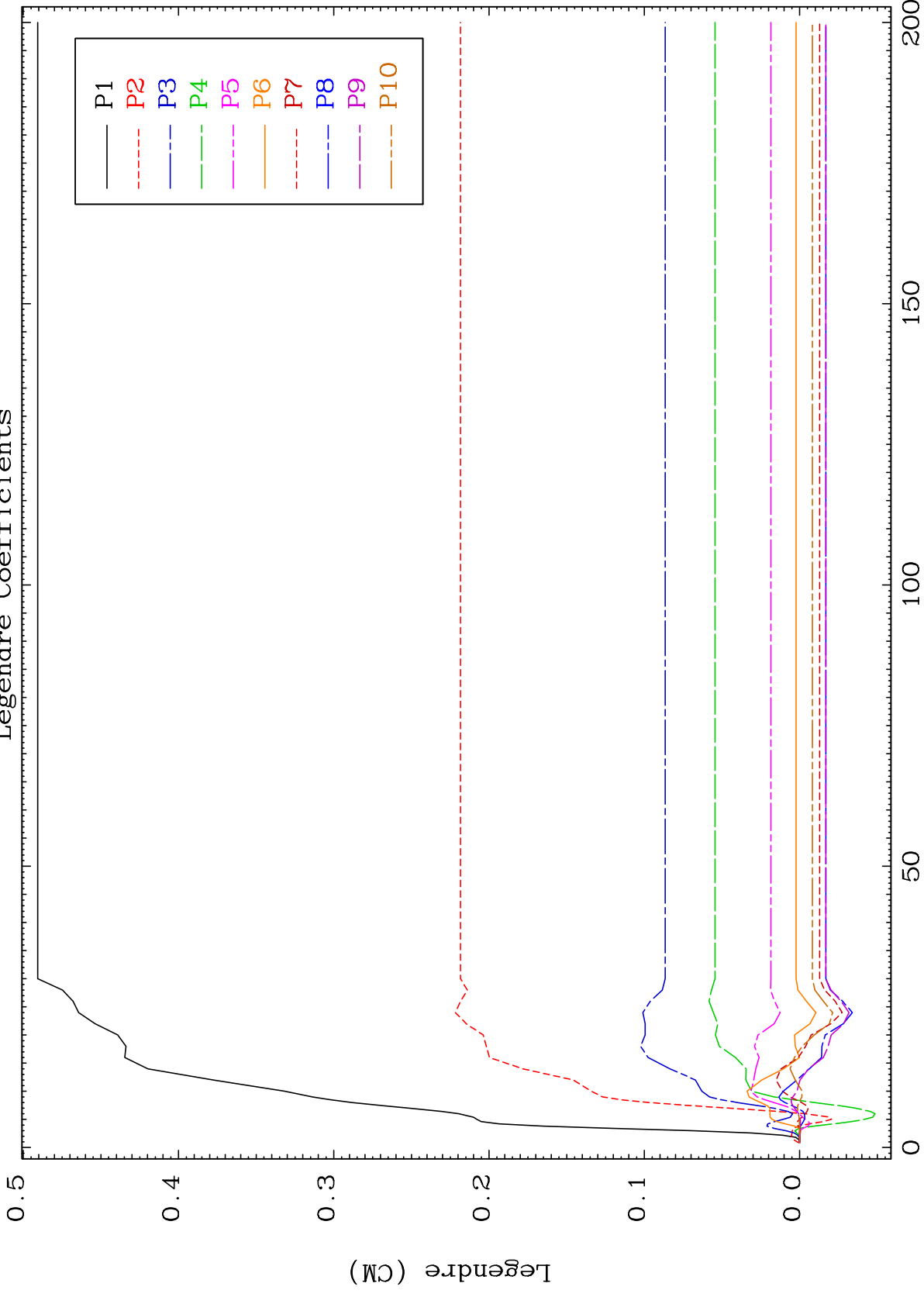




MAT 7458

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

74-W -191



74-W -191

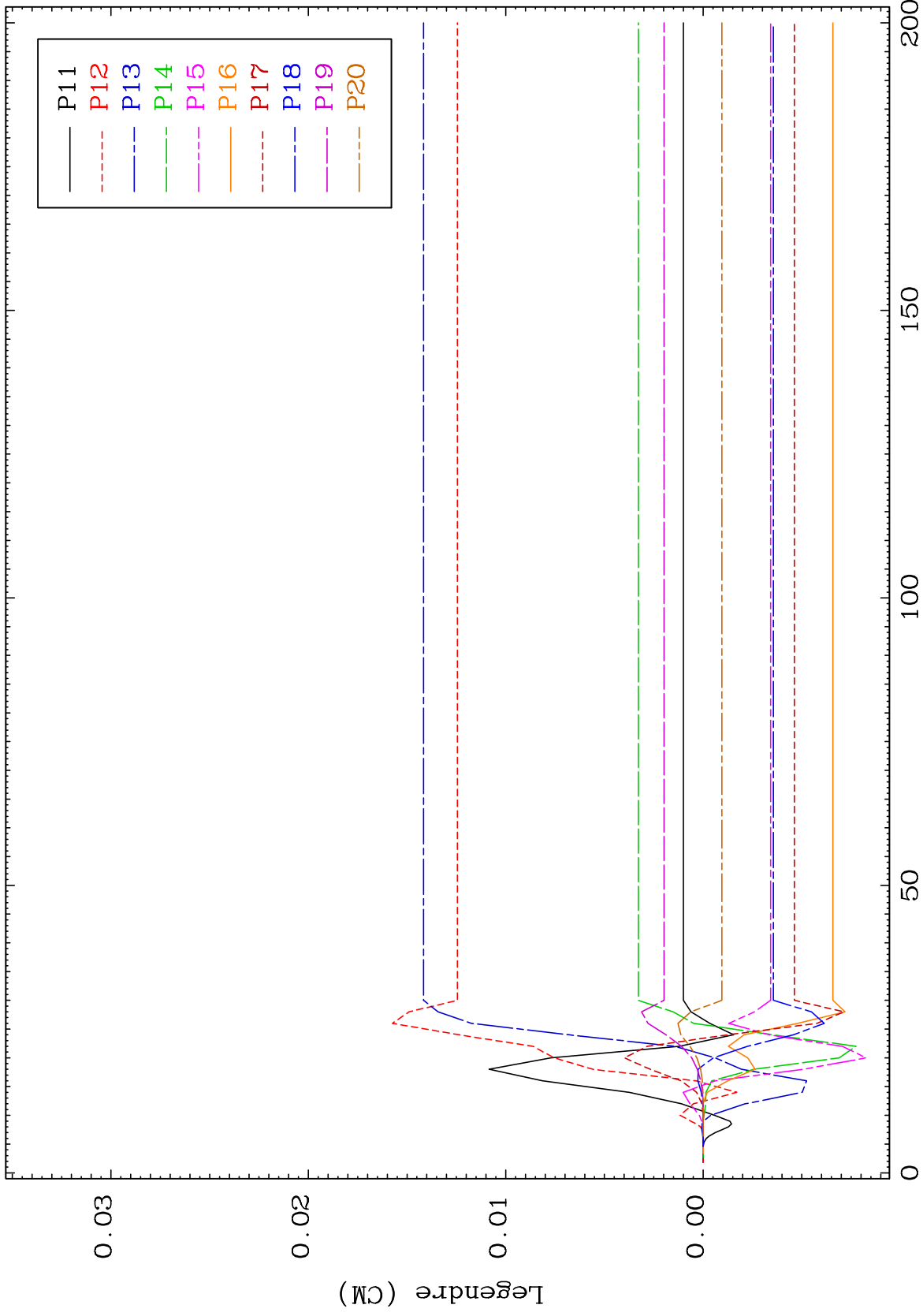
Incident Energy (MeV)

80

MAT 7458

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

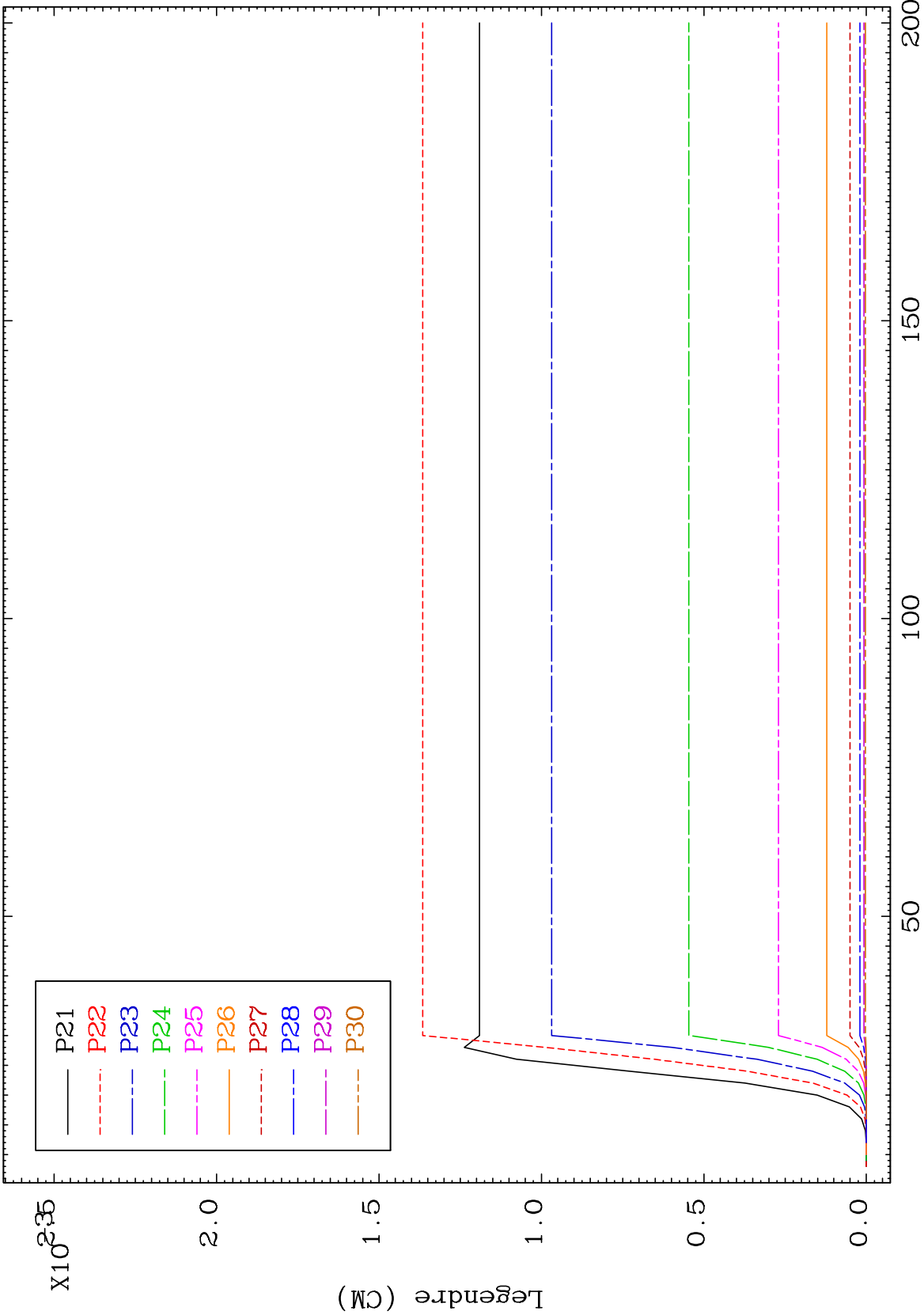
74-W -191

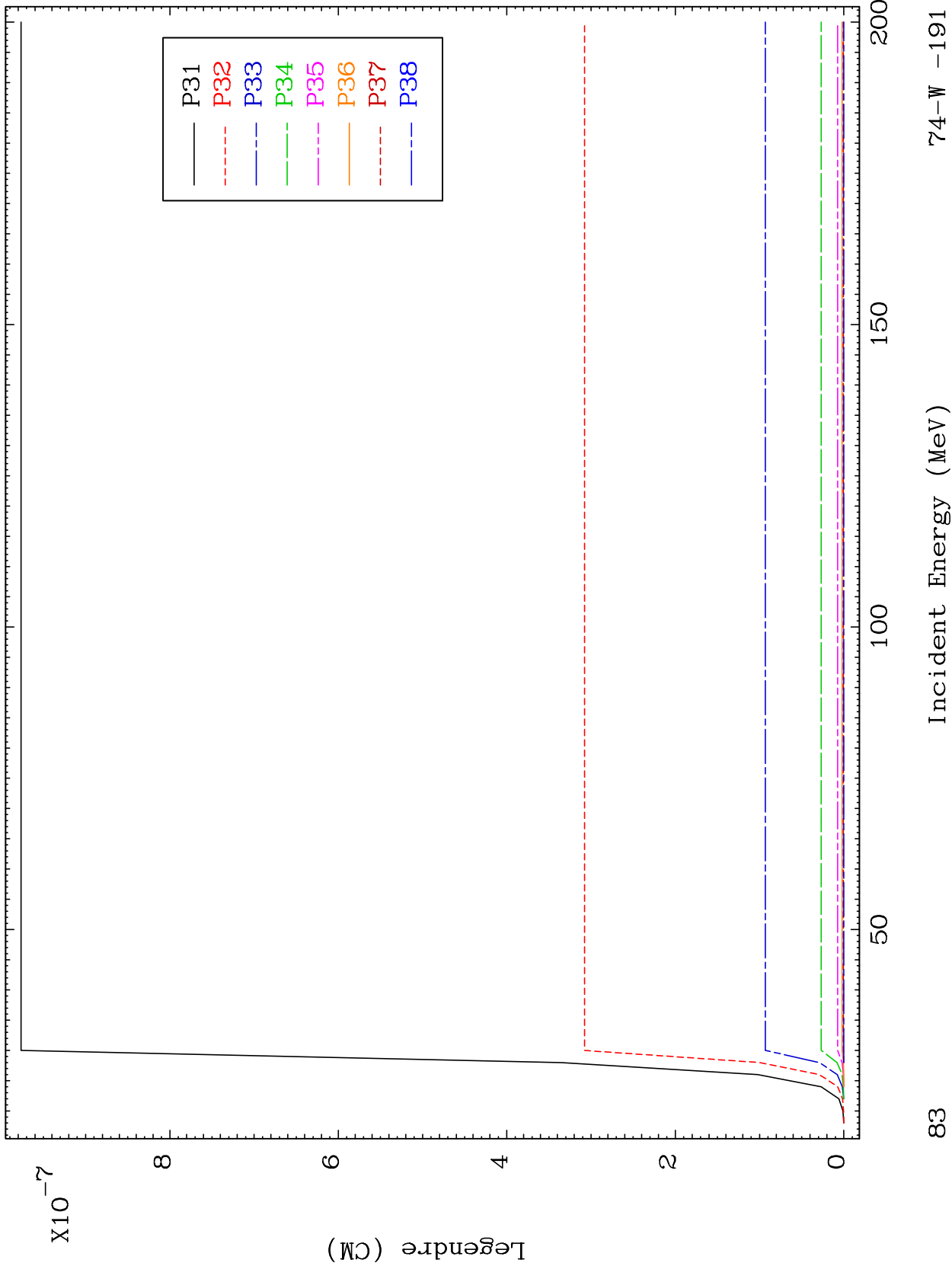


81

Incident Energy (MeV)

74-W -191

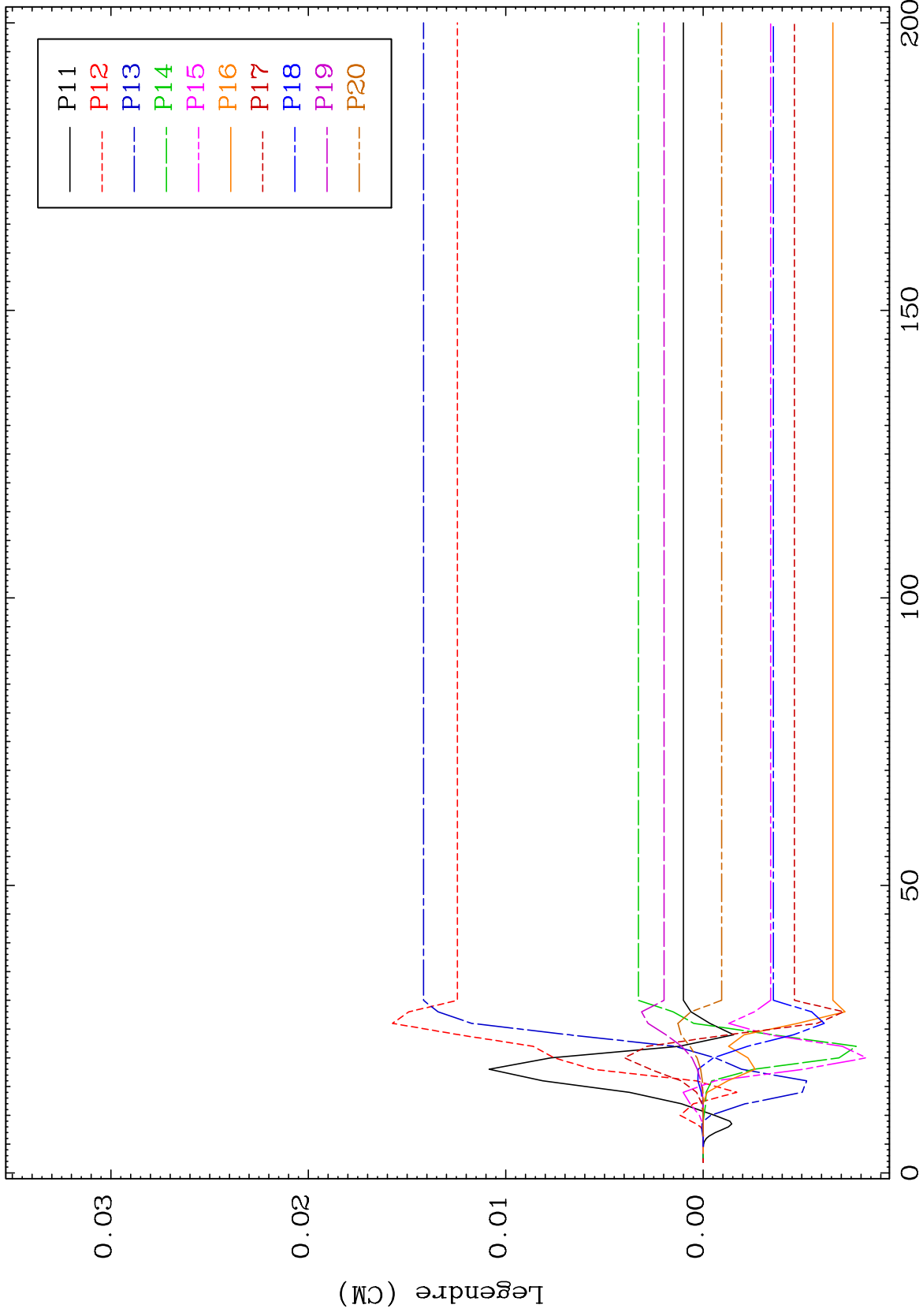




MAT 7458

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

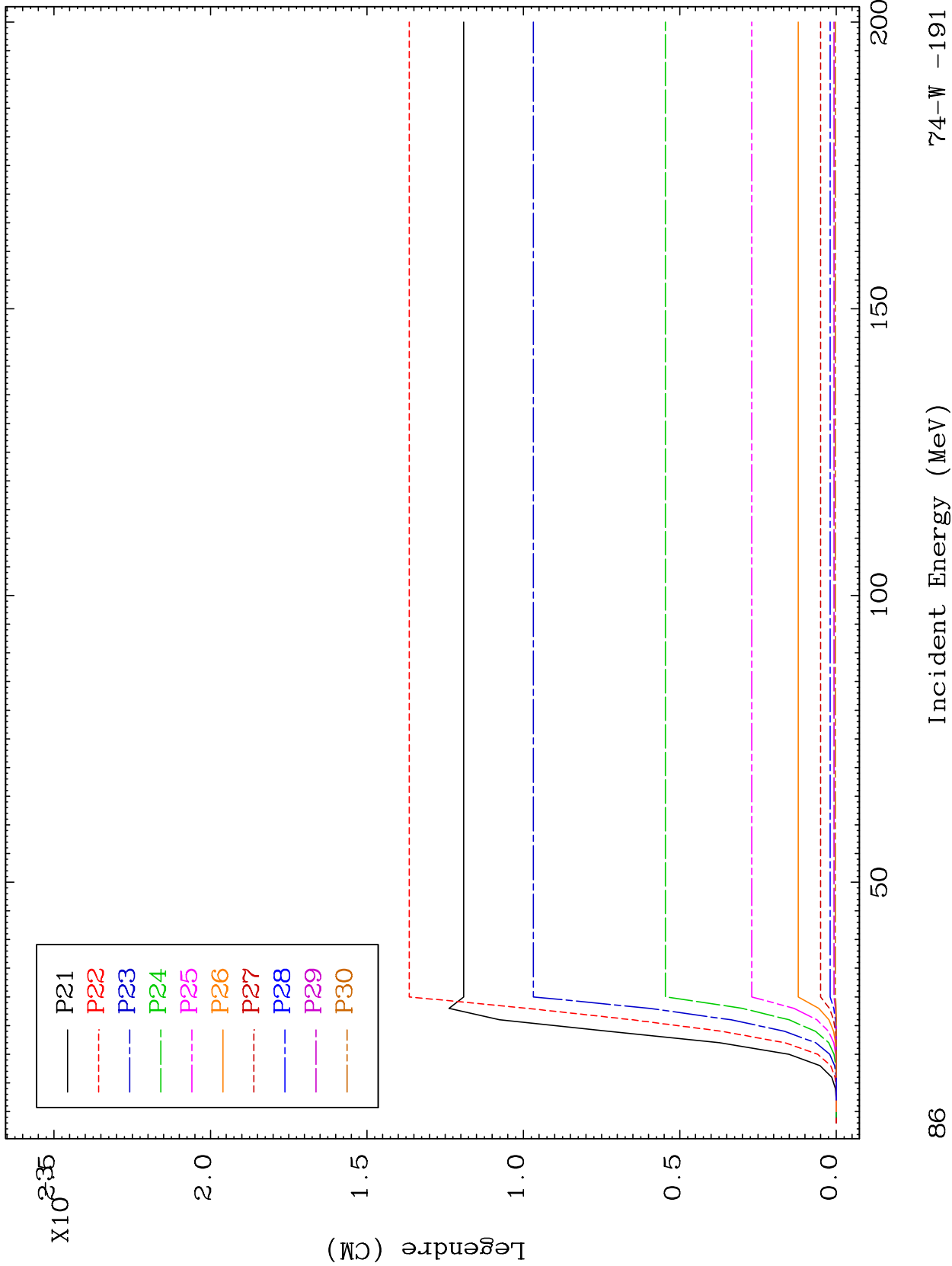
74-W -191



85

Incident Energy (MeV)

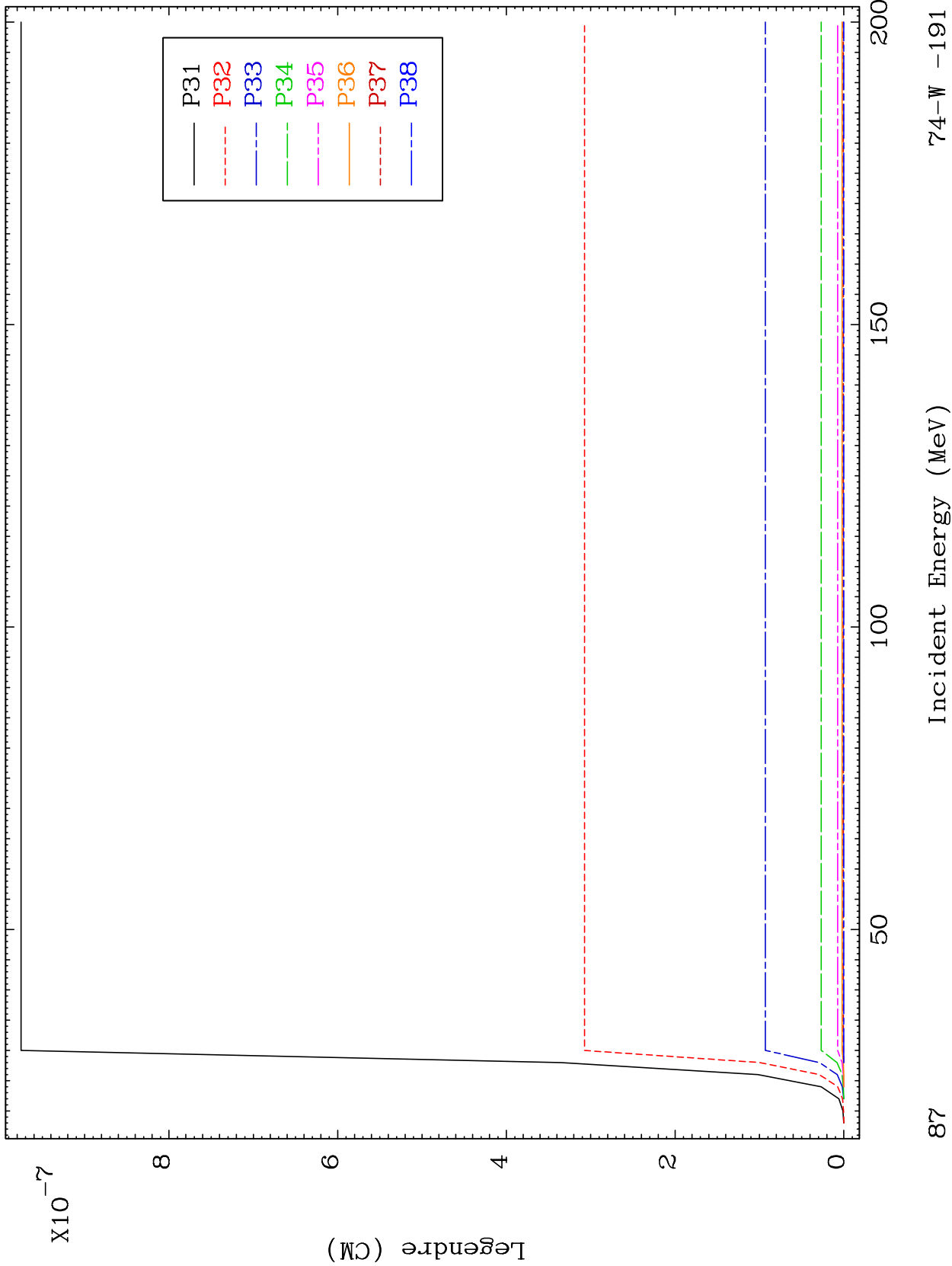
74-W -191



MAT 7458

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

74-W -191



87

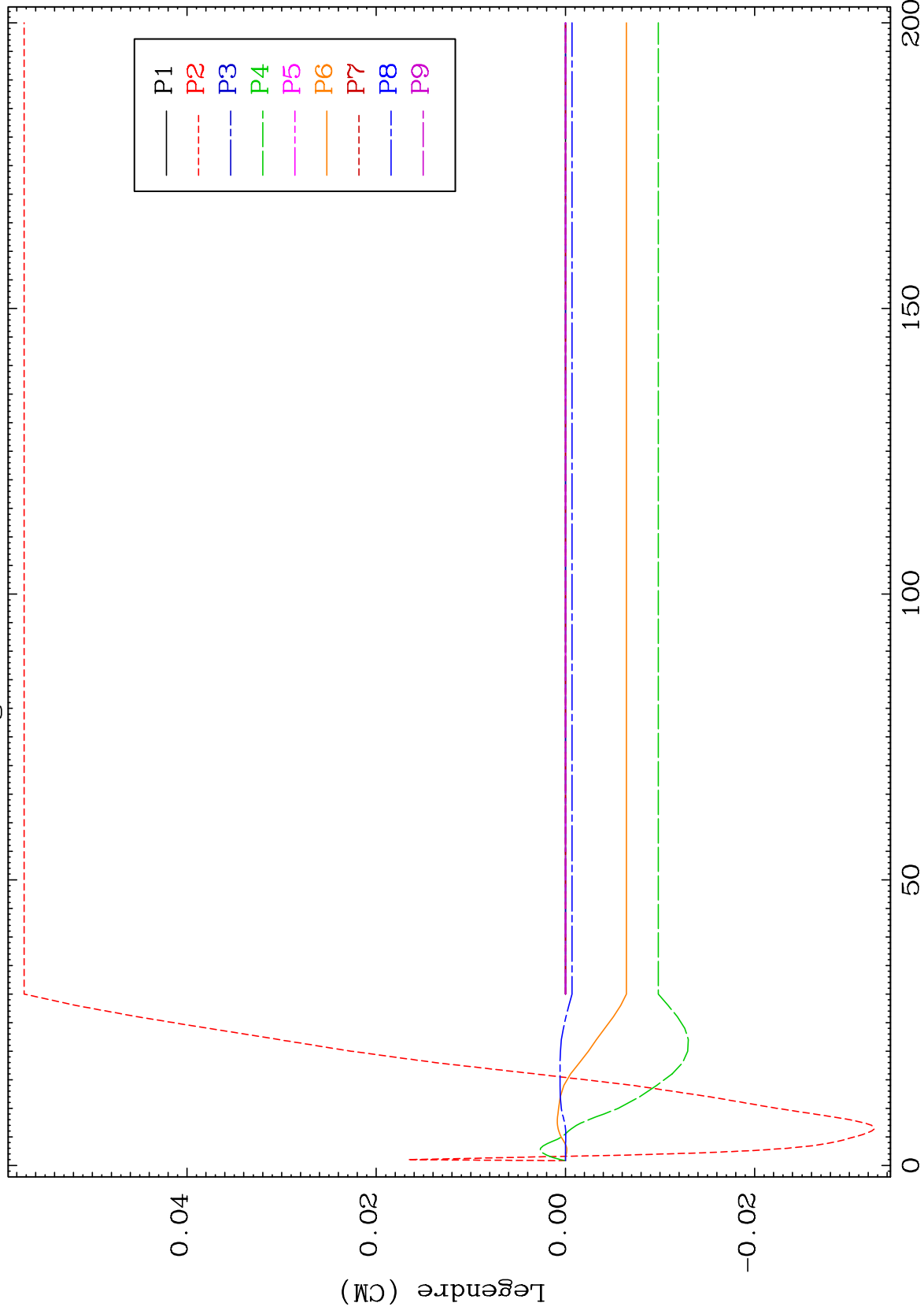
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



88

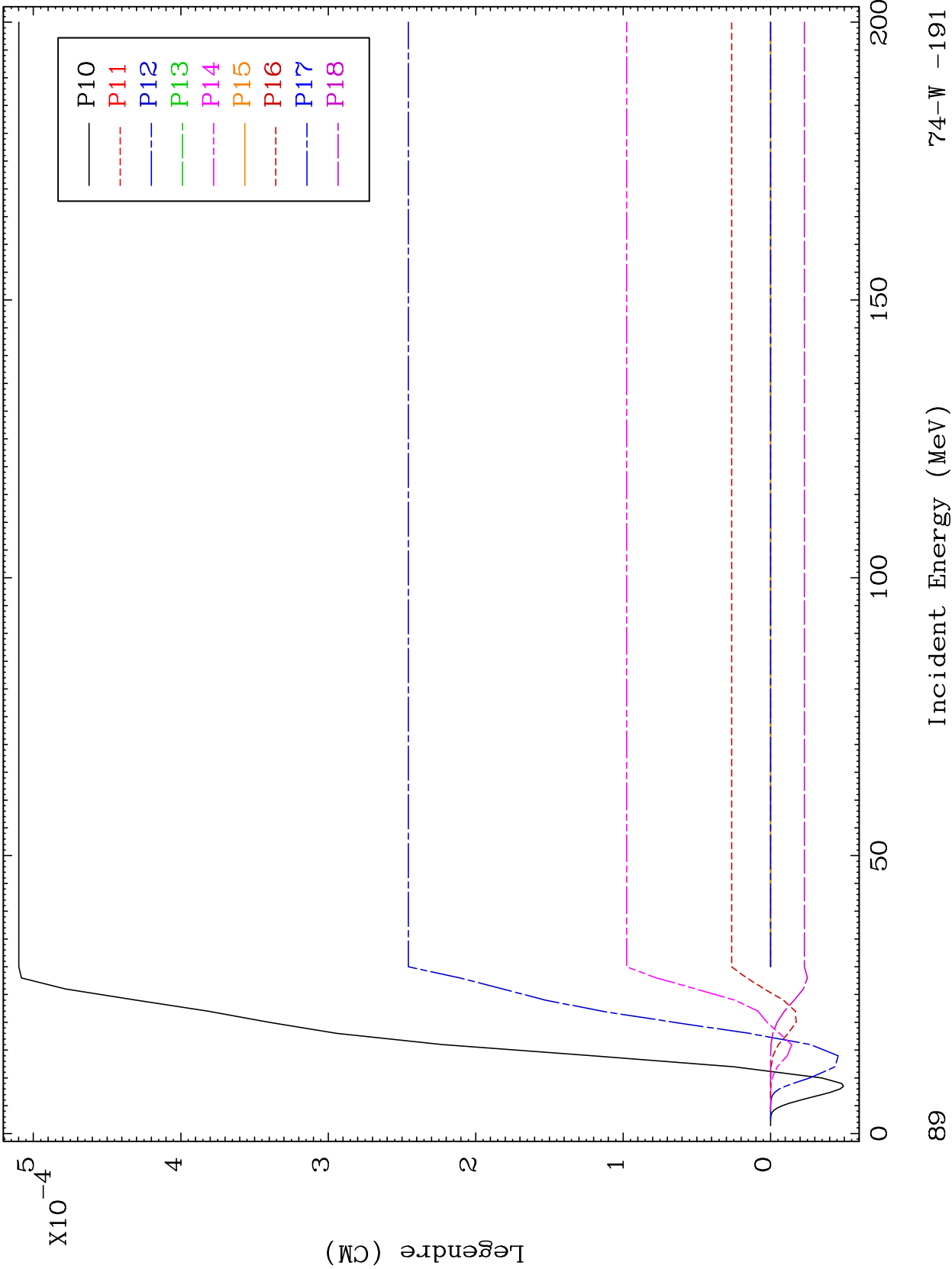
Incident Energy (MeV)

74-W -191

MAT 7458

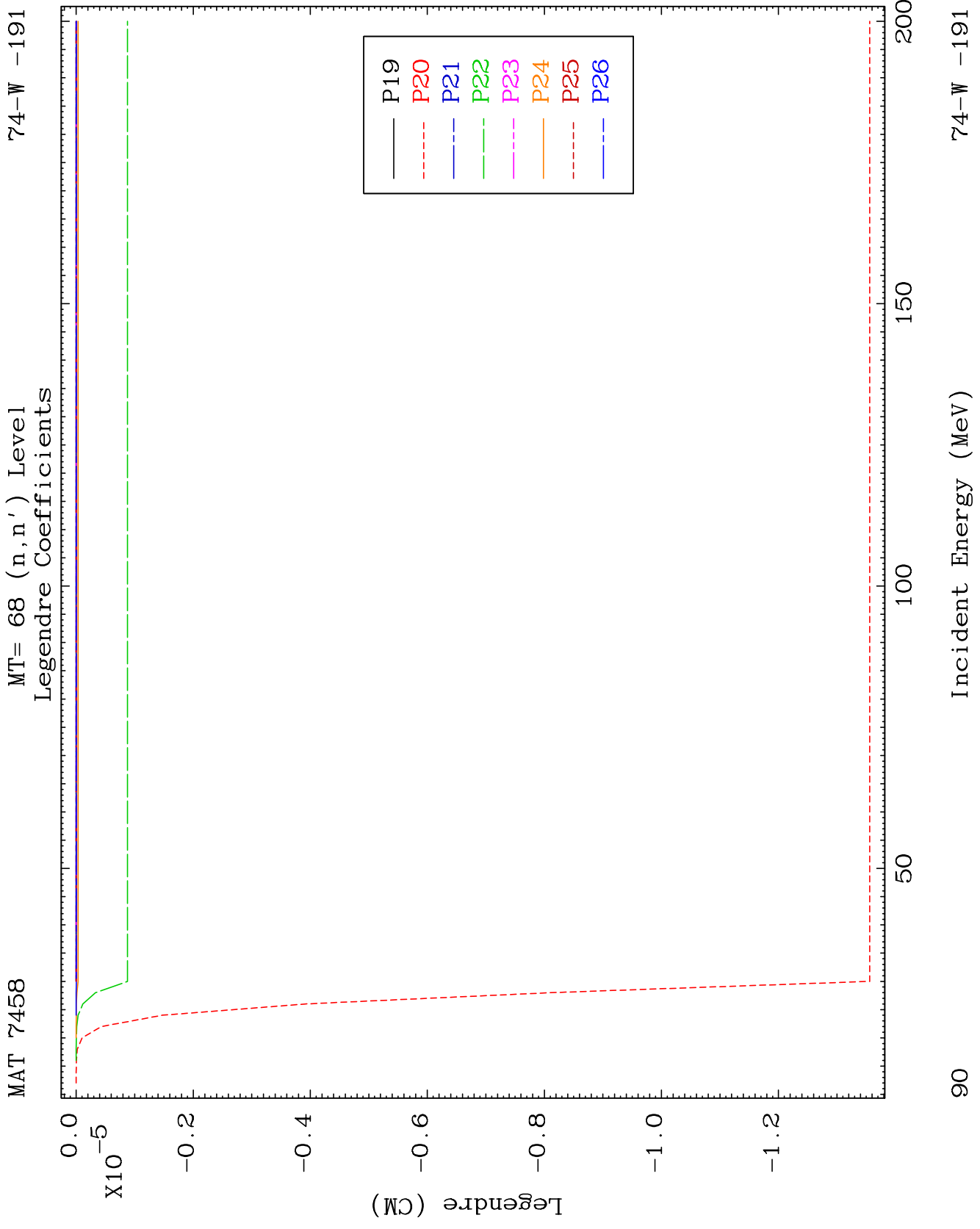
MT= 68 (n,n') Level
Legendre Coefficients

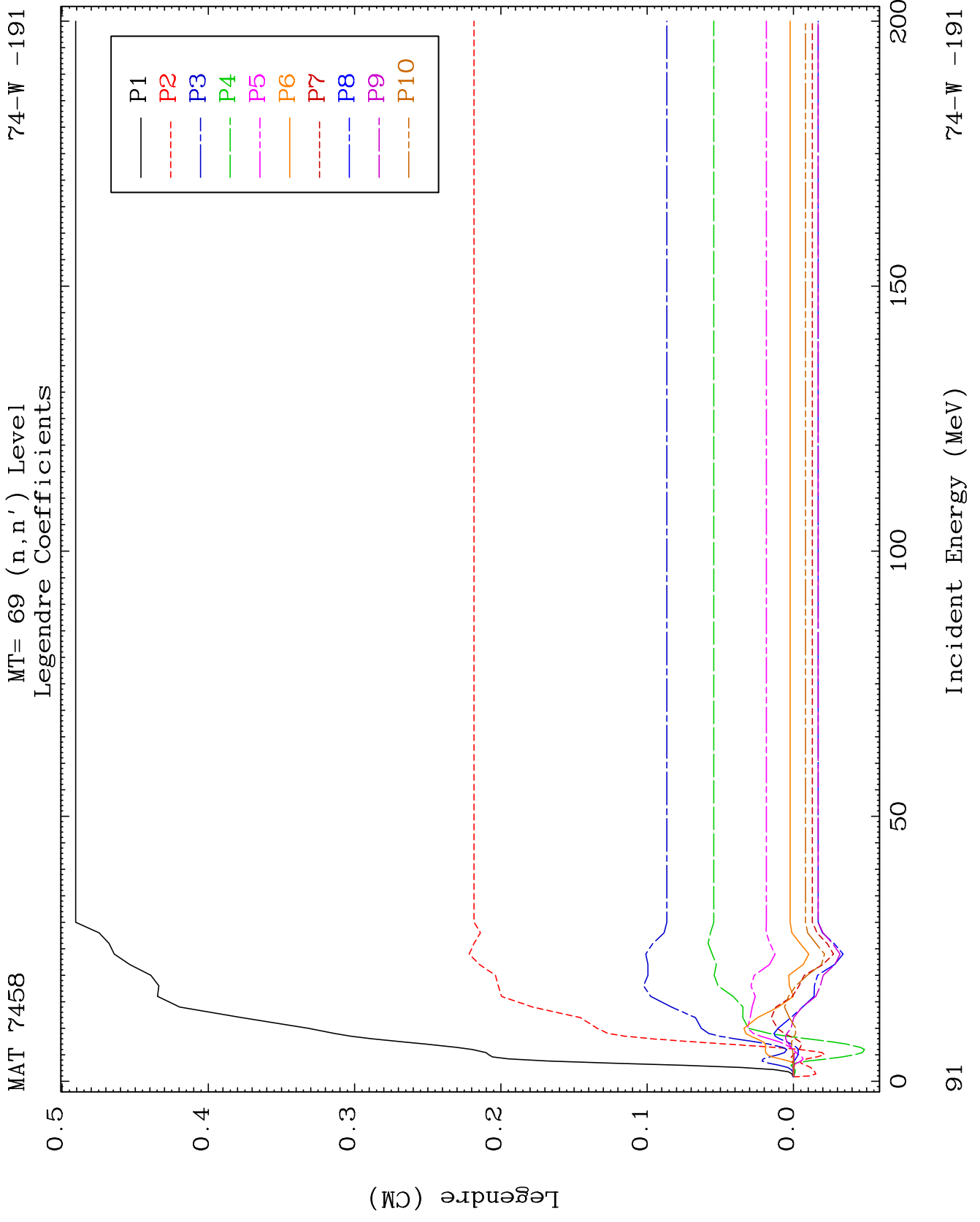
74-W -191



89

74-W -191

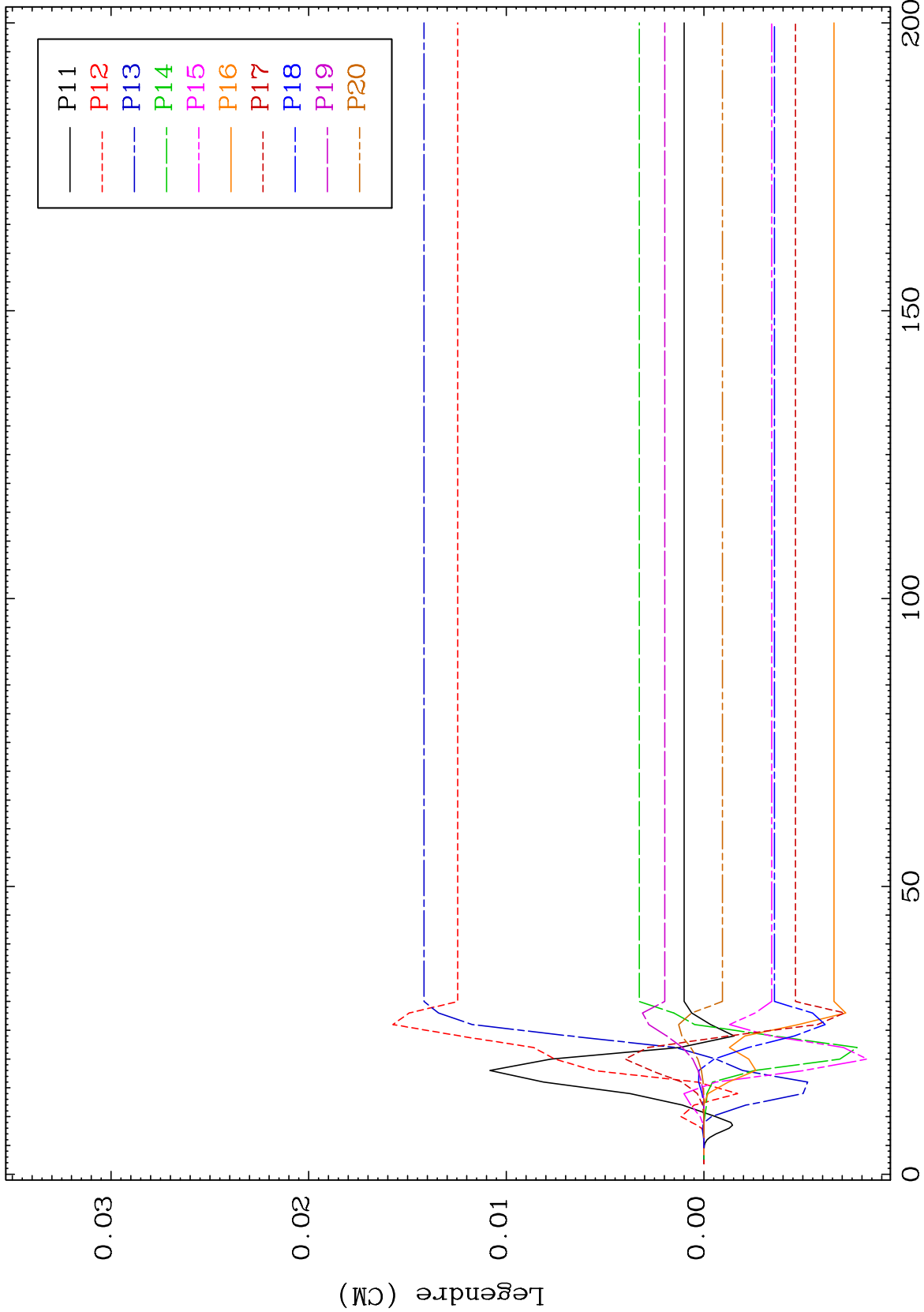




MAT 7458

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

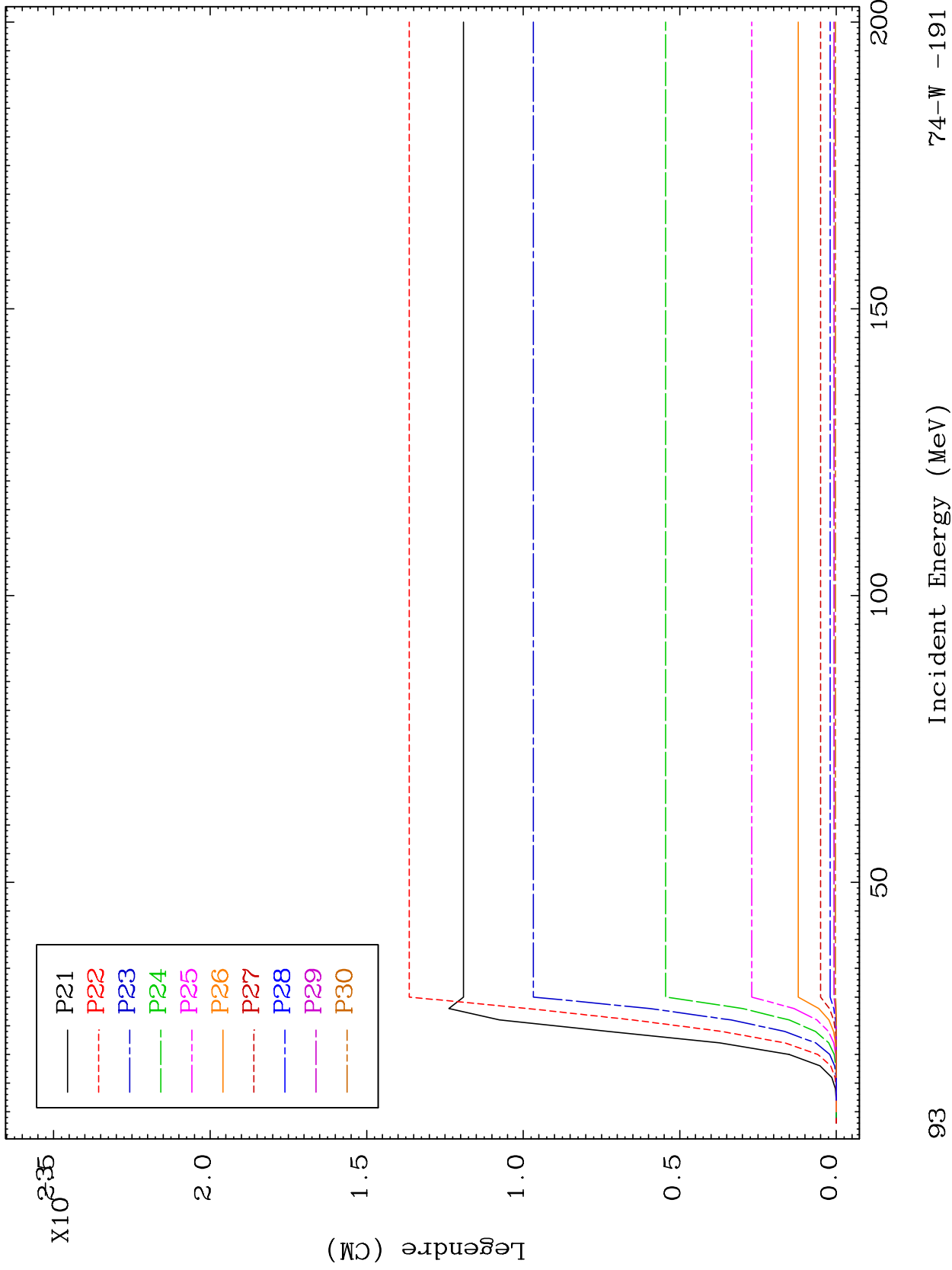
74-W -191



92

Incident Energy (MeV)

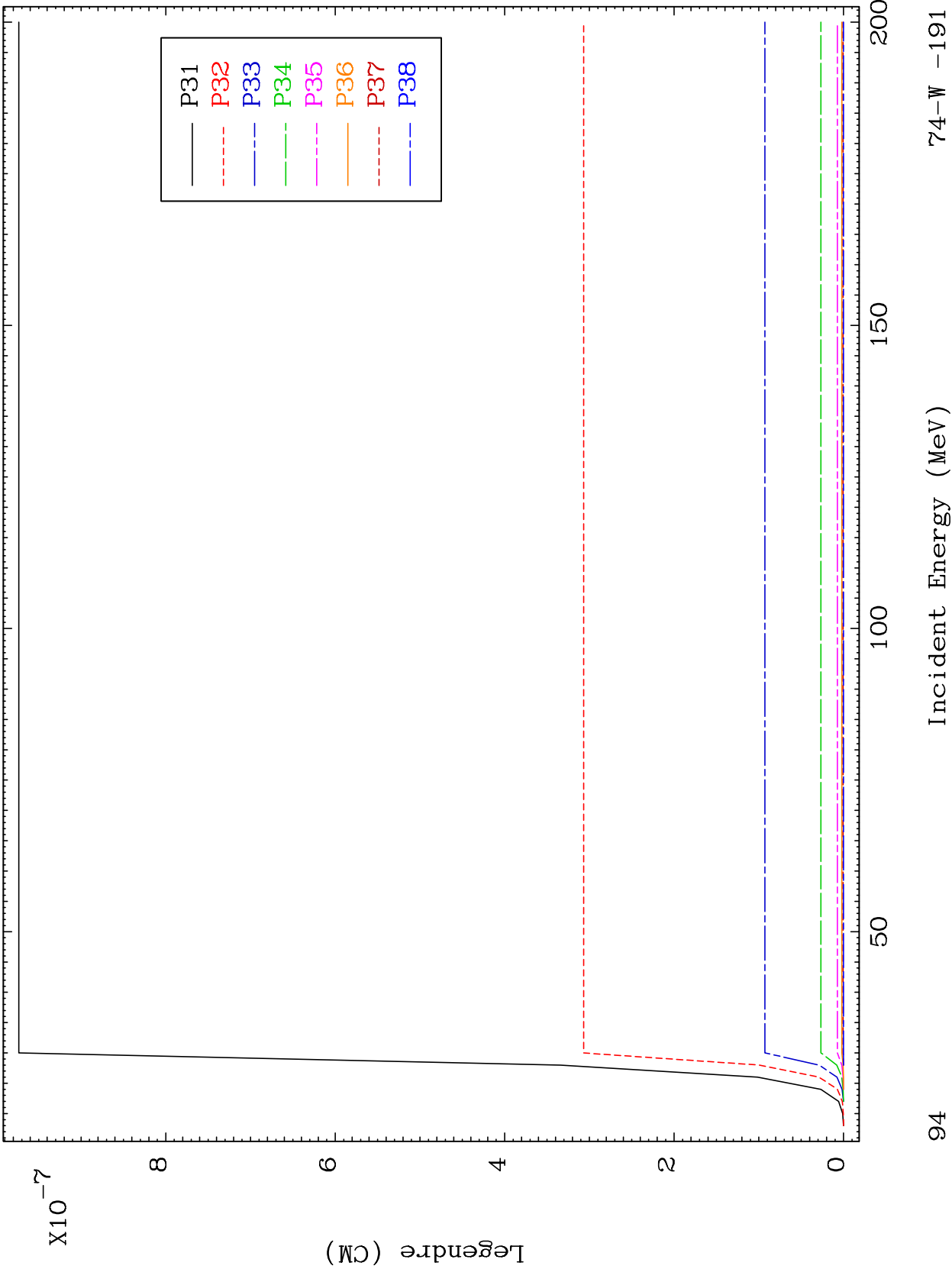
74-W -191



MAT 7458

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

74-W -191



94

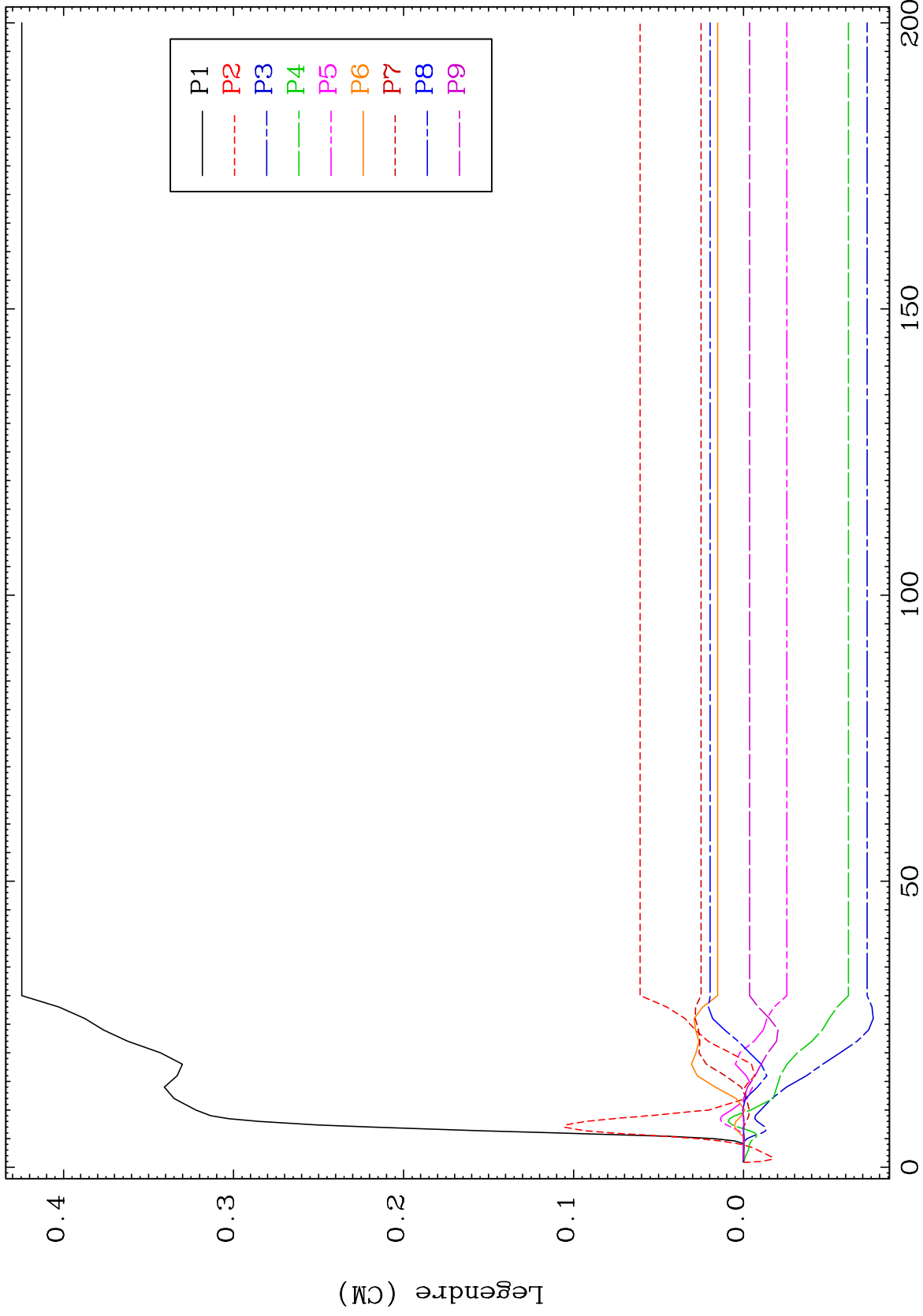
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



95

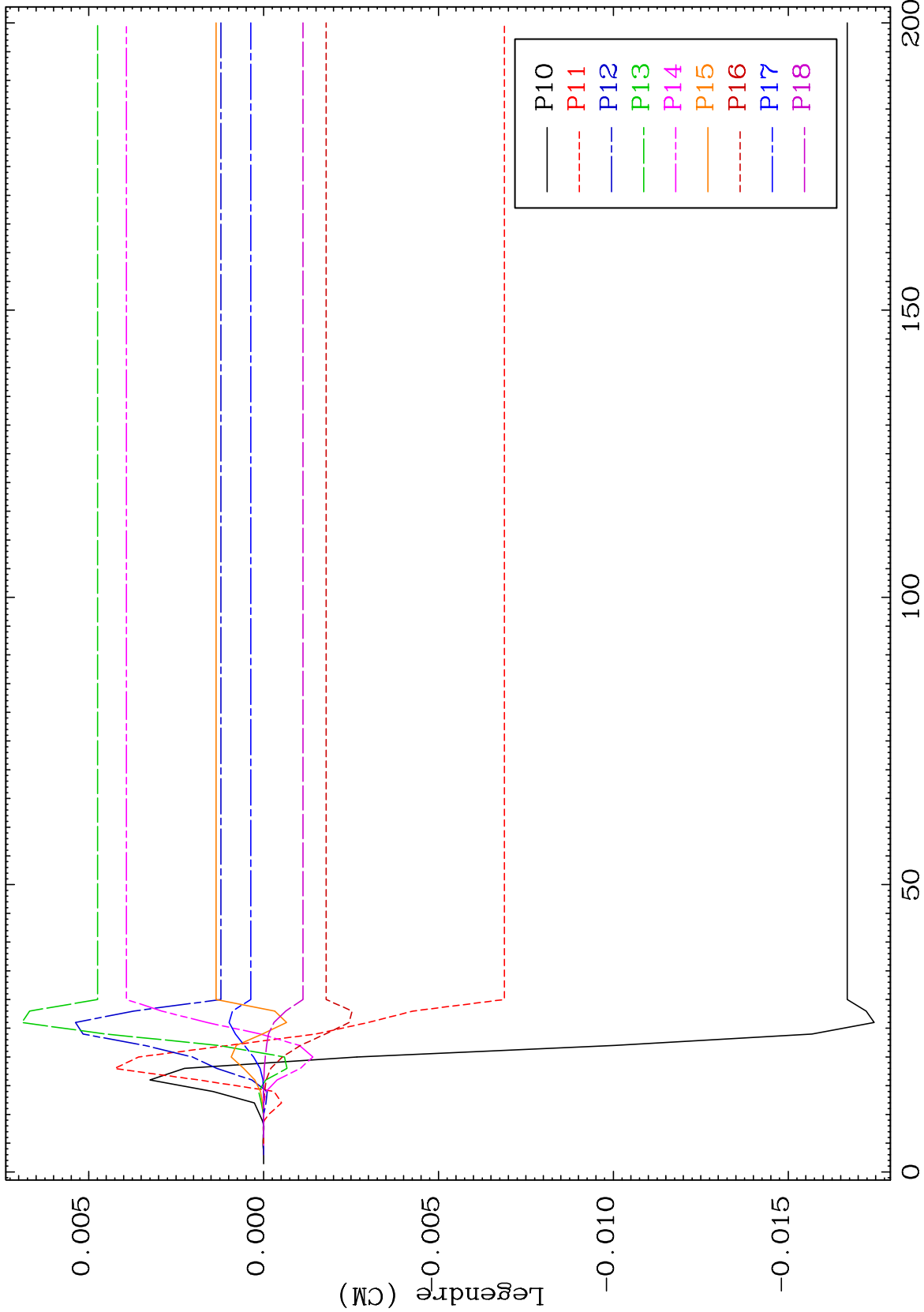
Incident Energy (MeV)

74-W -191

MAT 7458

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

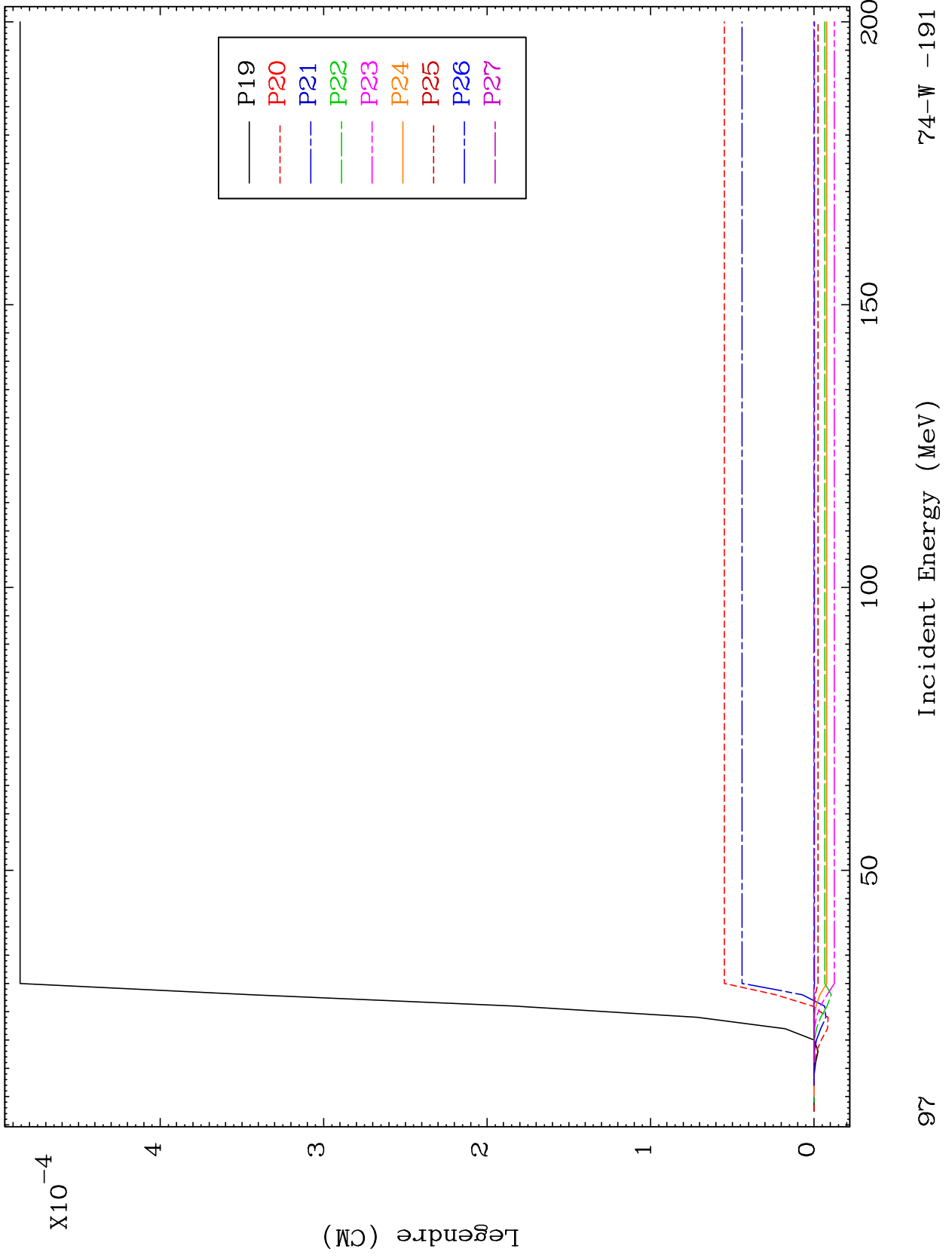
74-W -191

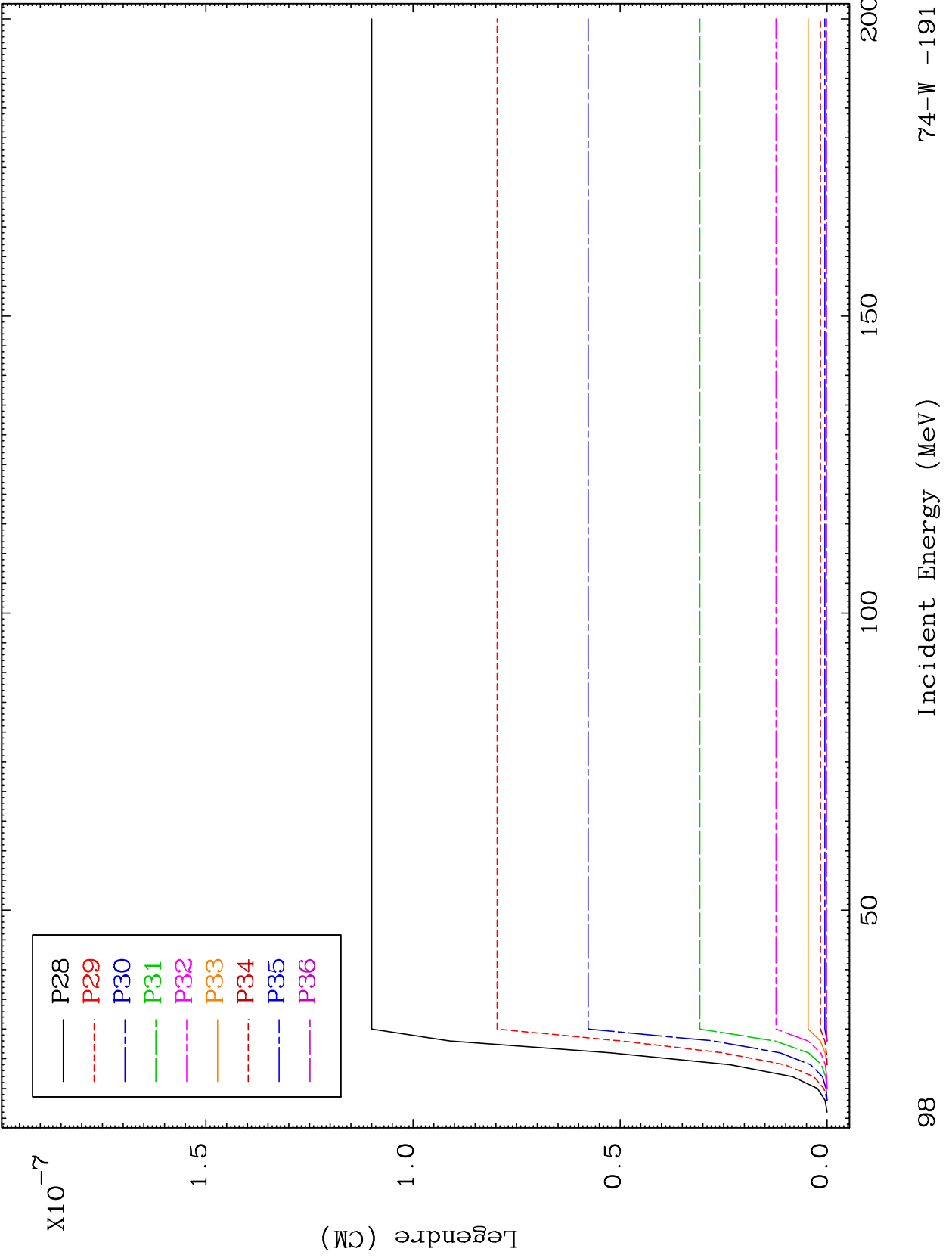


96

Incident Energy (MeV)

74-W -191

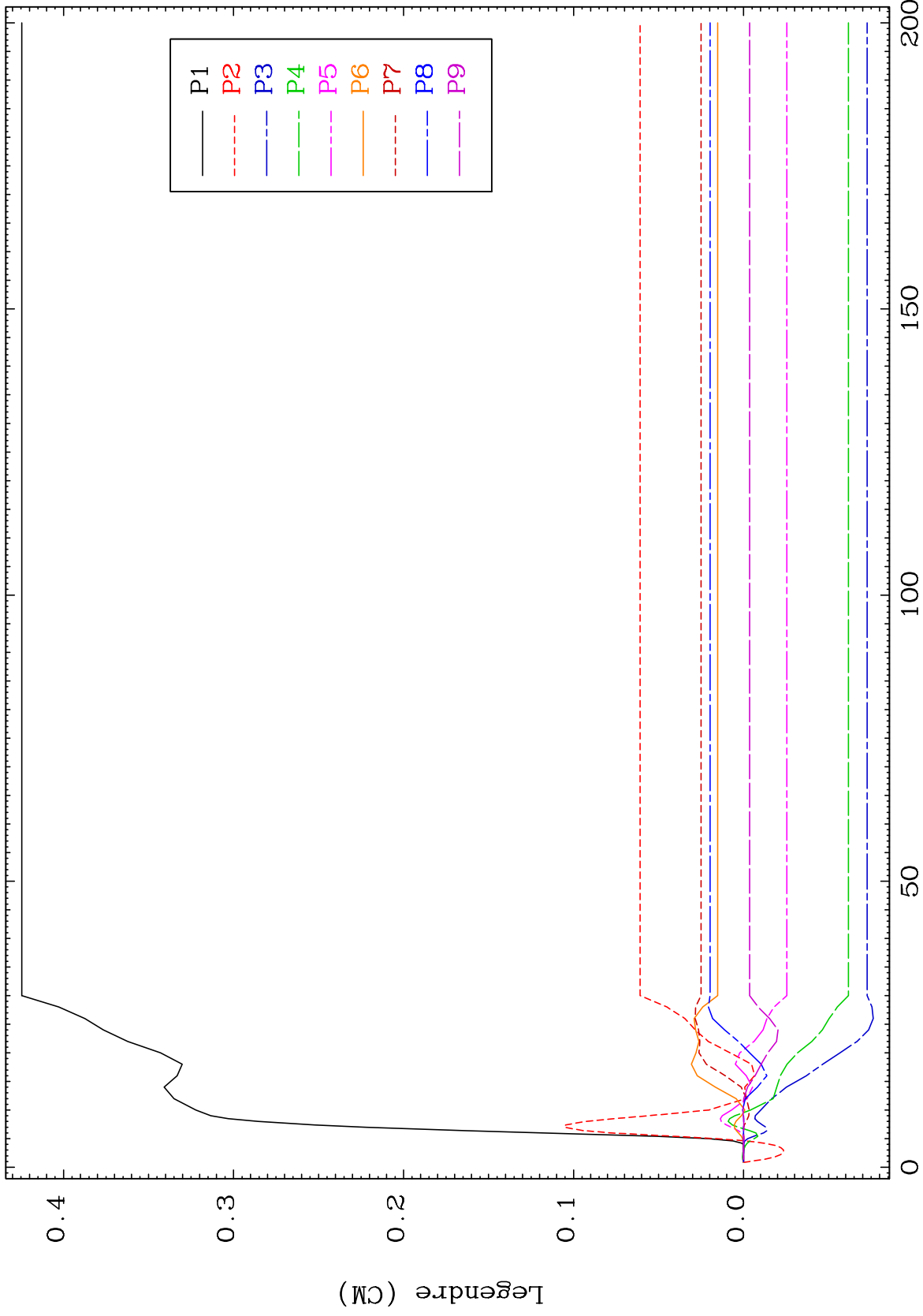




MAT 7458

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

74-W -191



99

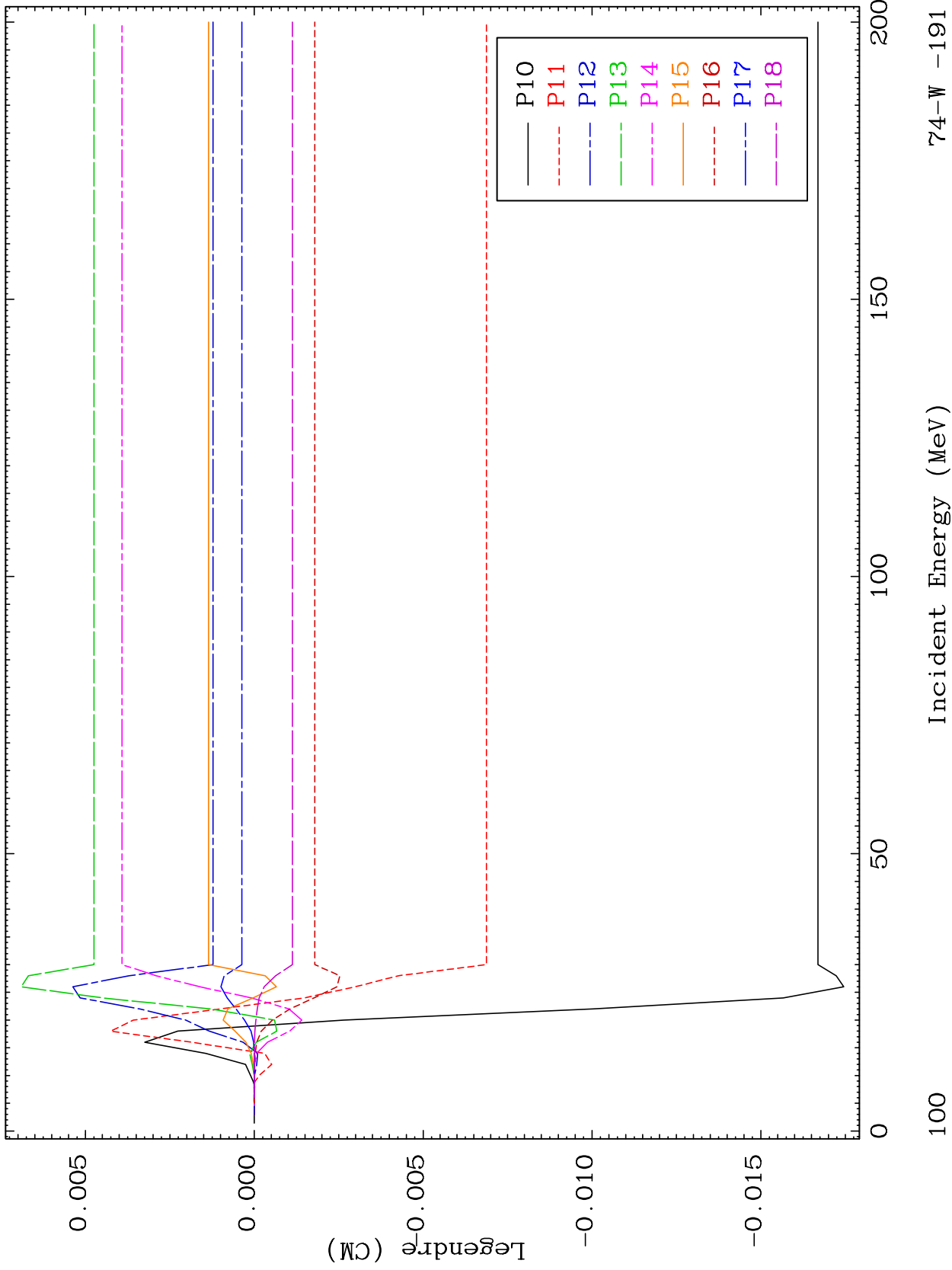
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



74-W -191

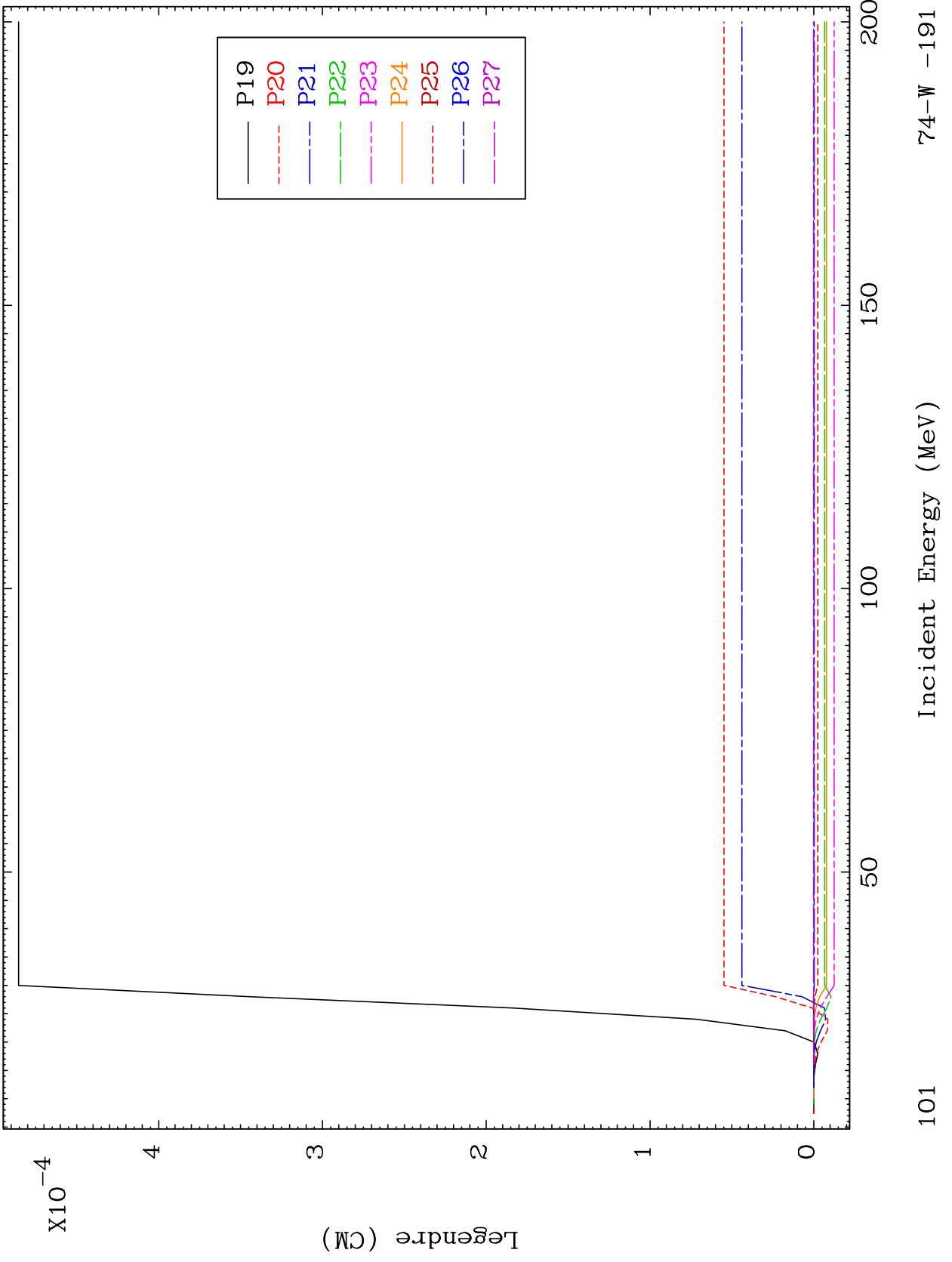
Incident Energy (MeV)

100

MAT 7458

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

74-W -191



101

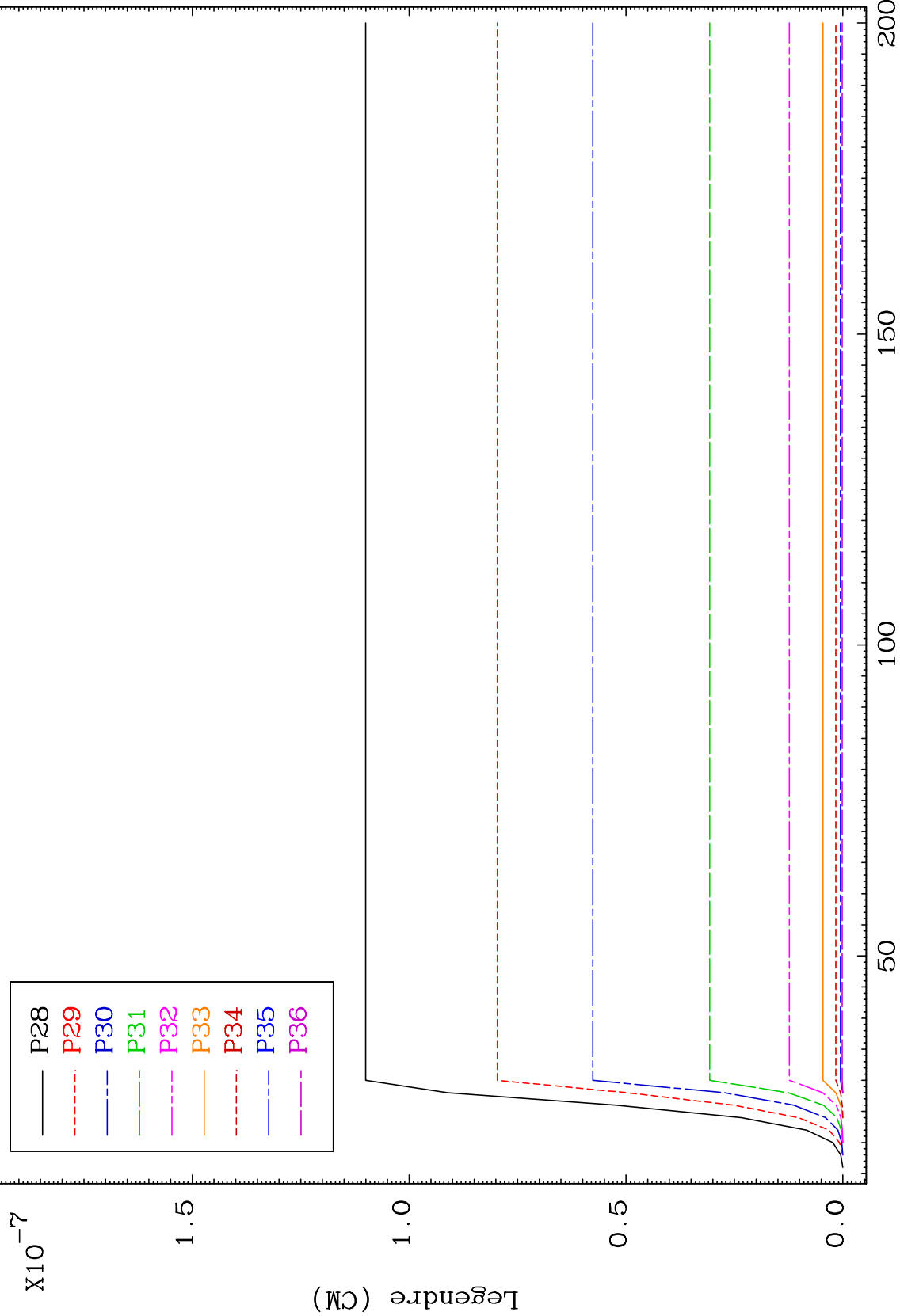
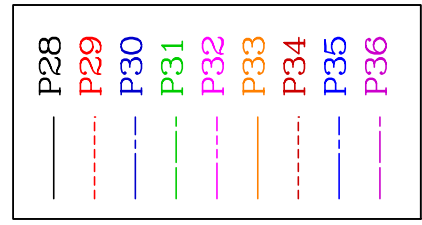
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



102

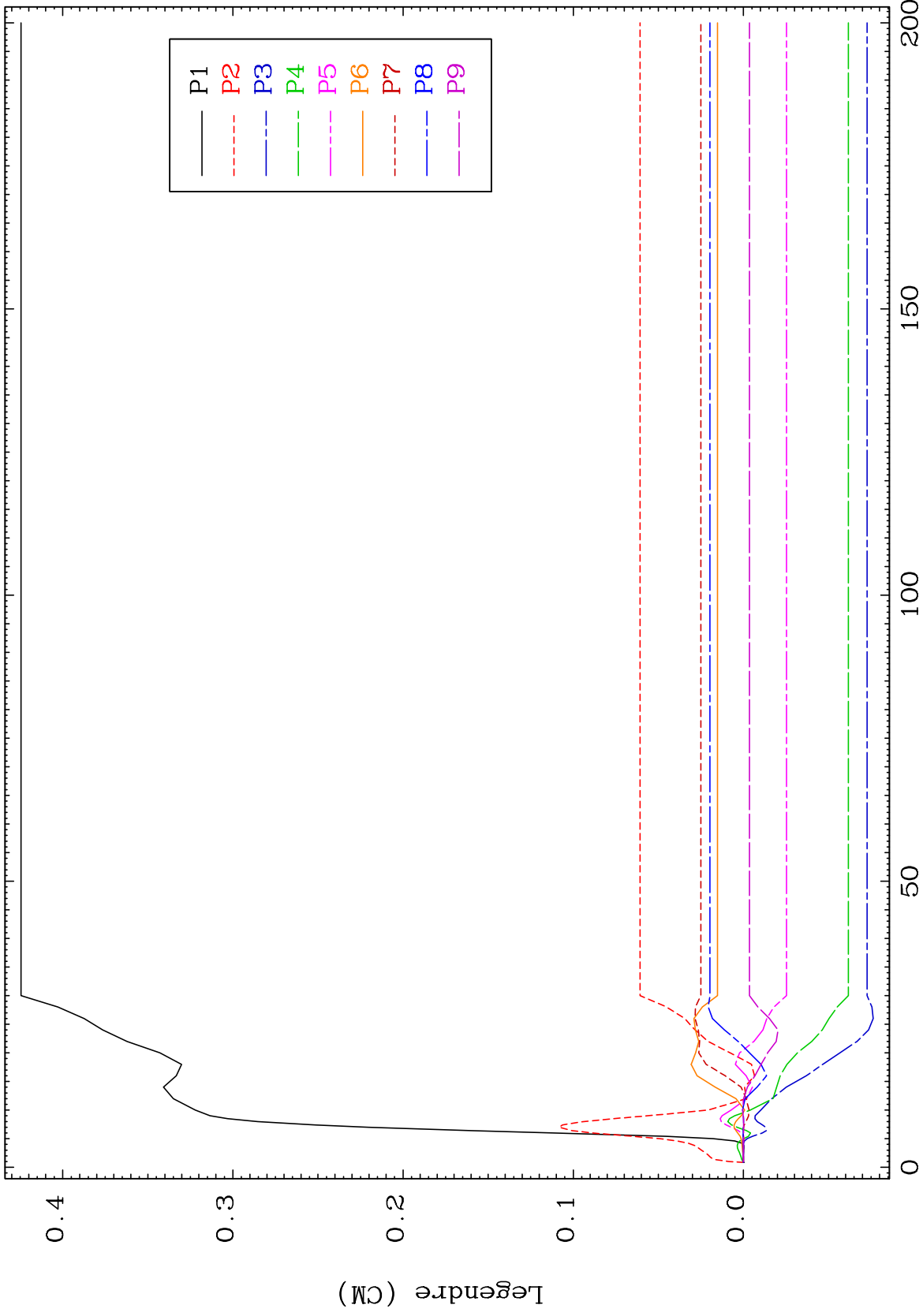
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



103

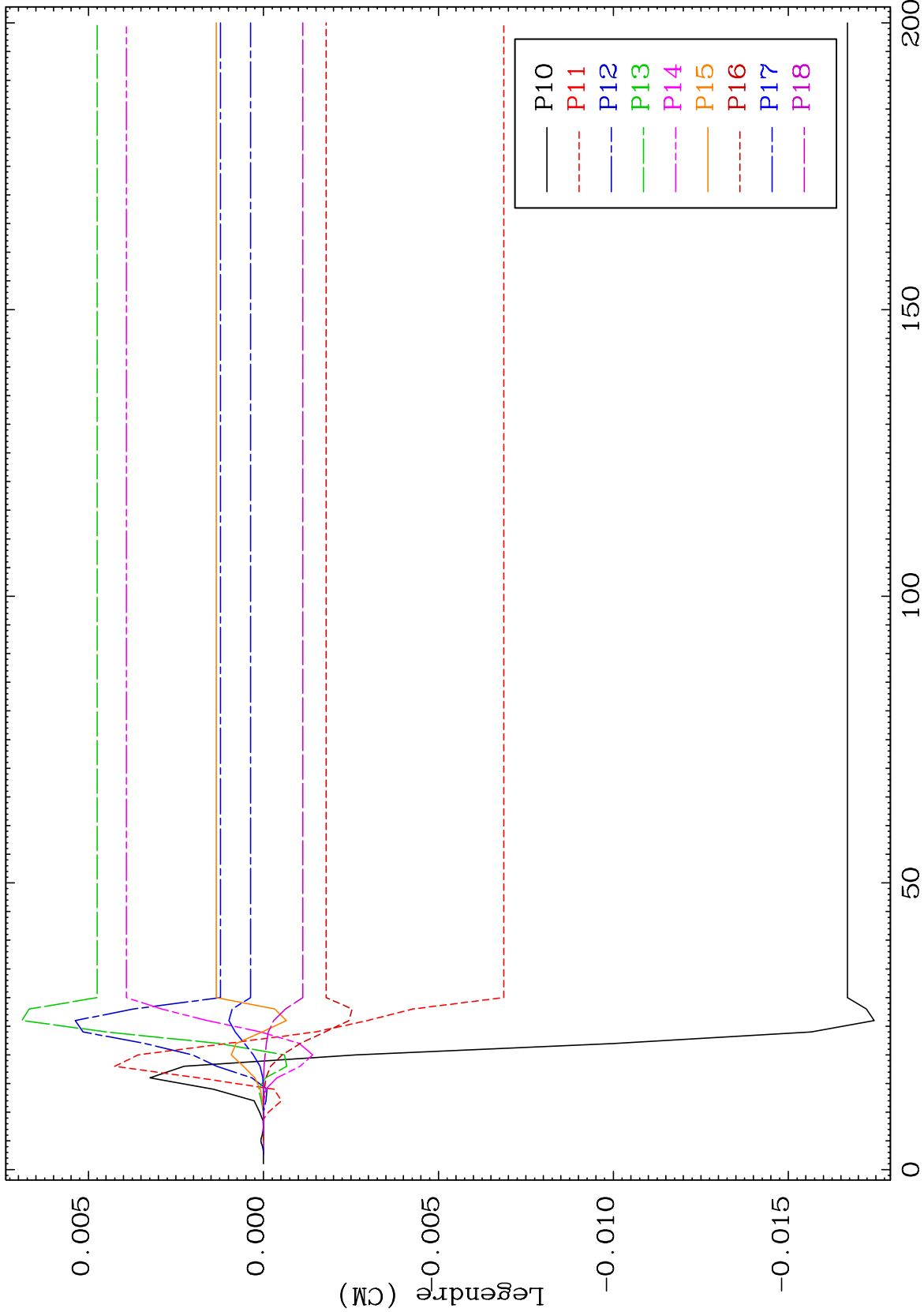
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



104

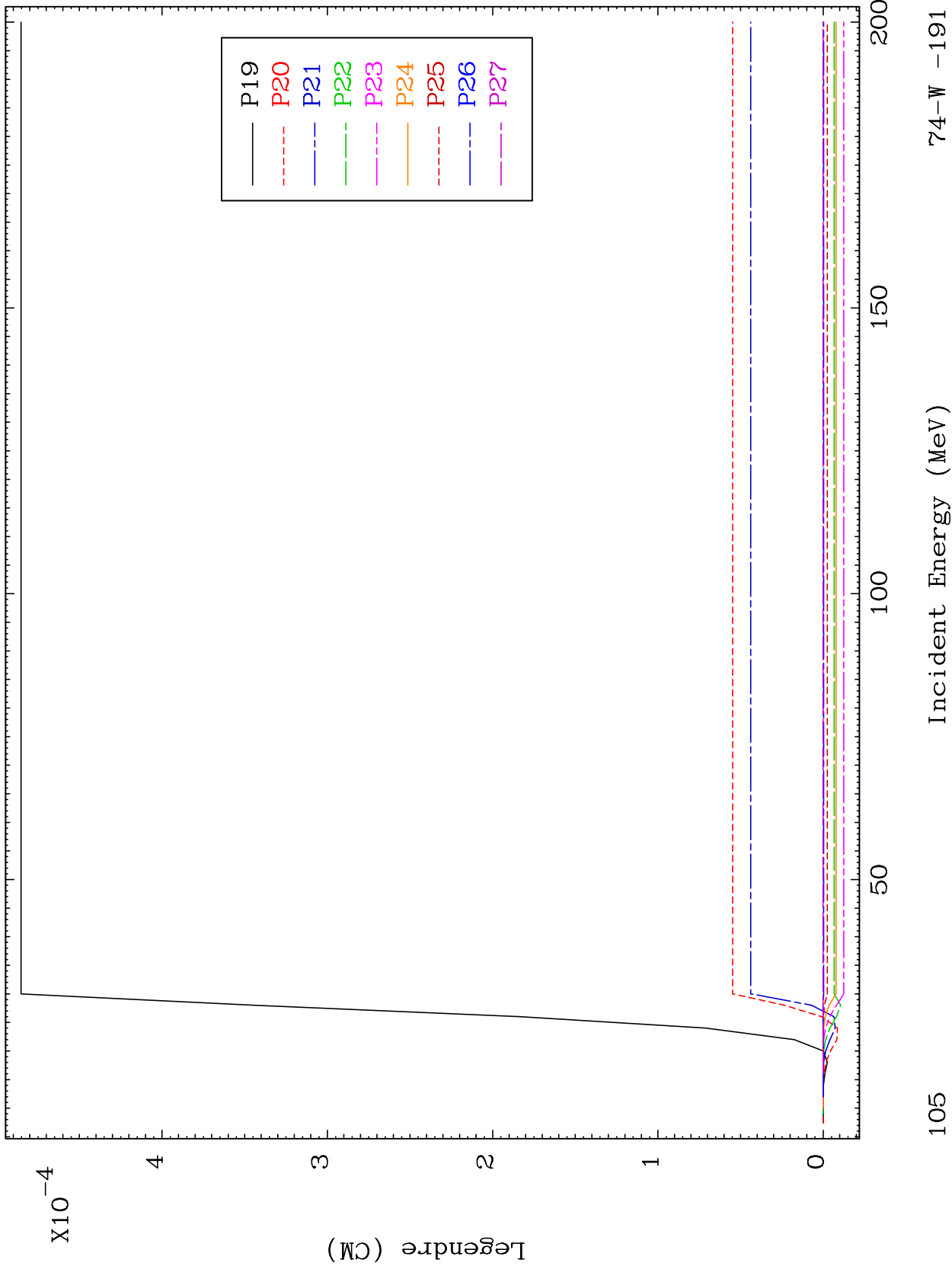
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



105

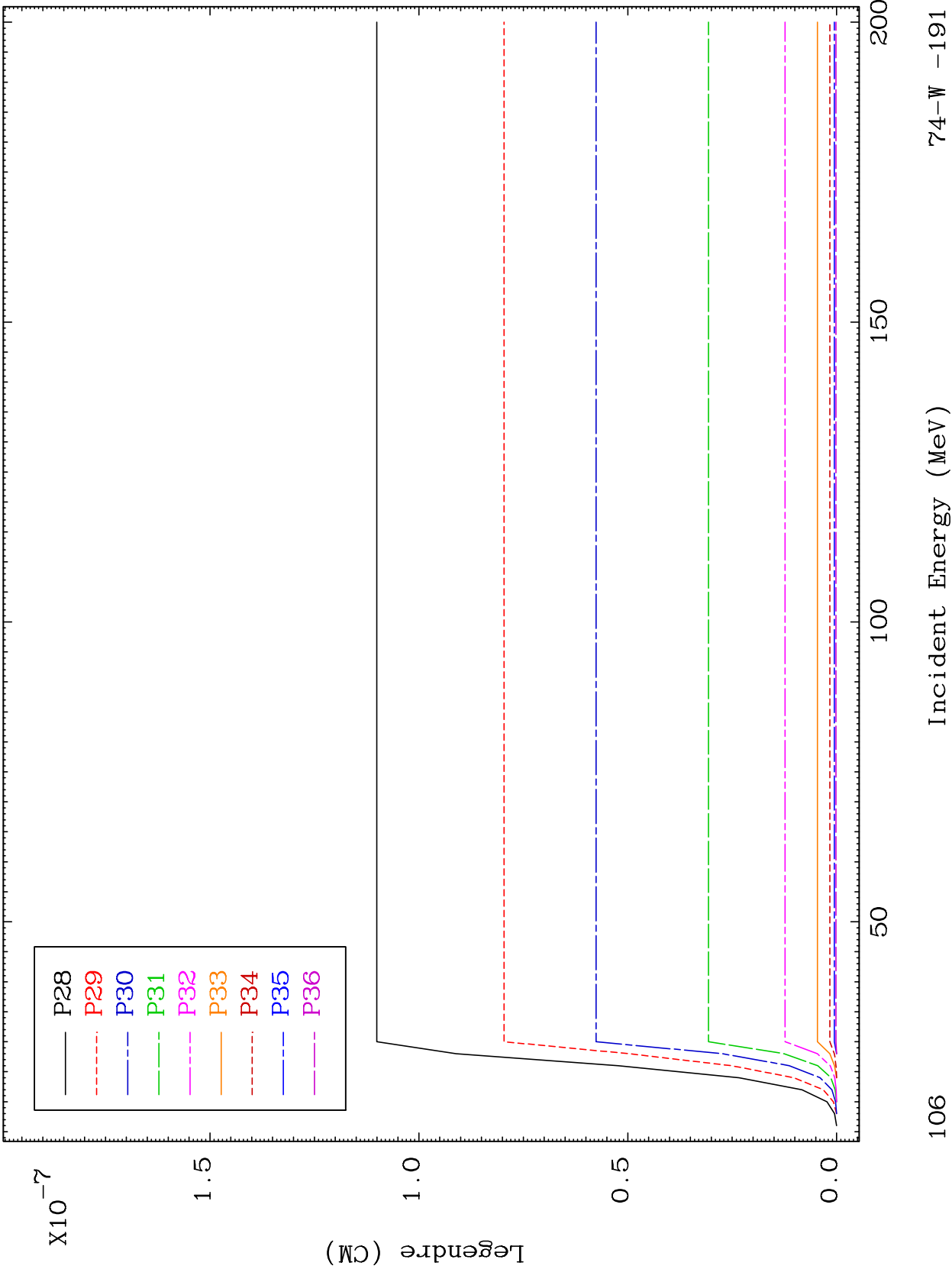
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



106

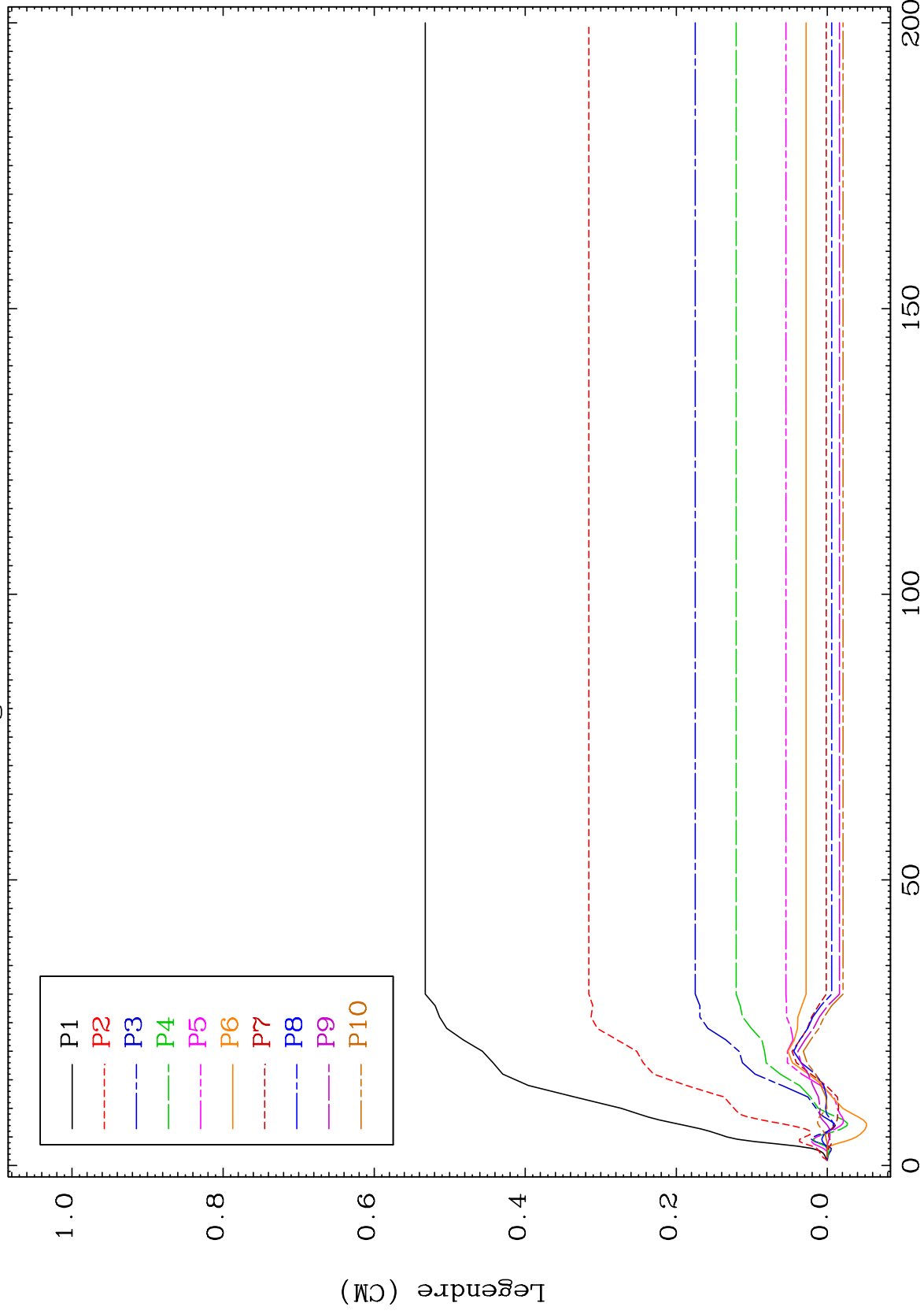
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



107

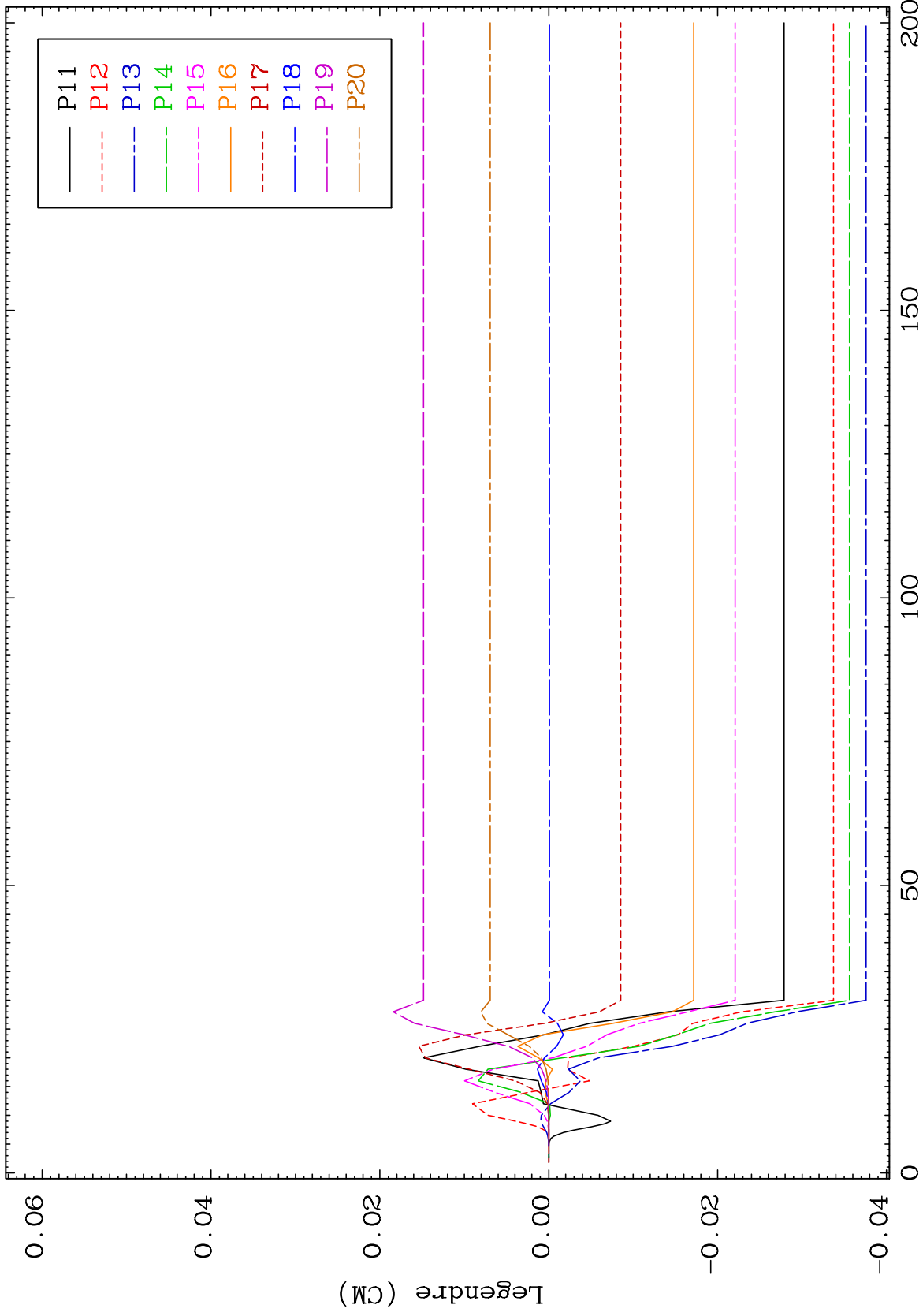
Incident Energy (MeV)

74-W -191

MAT 7458

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

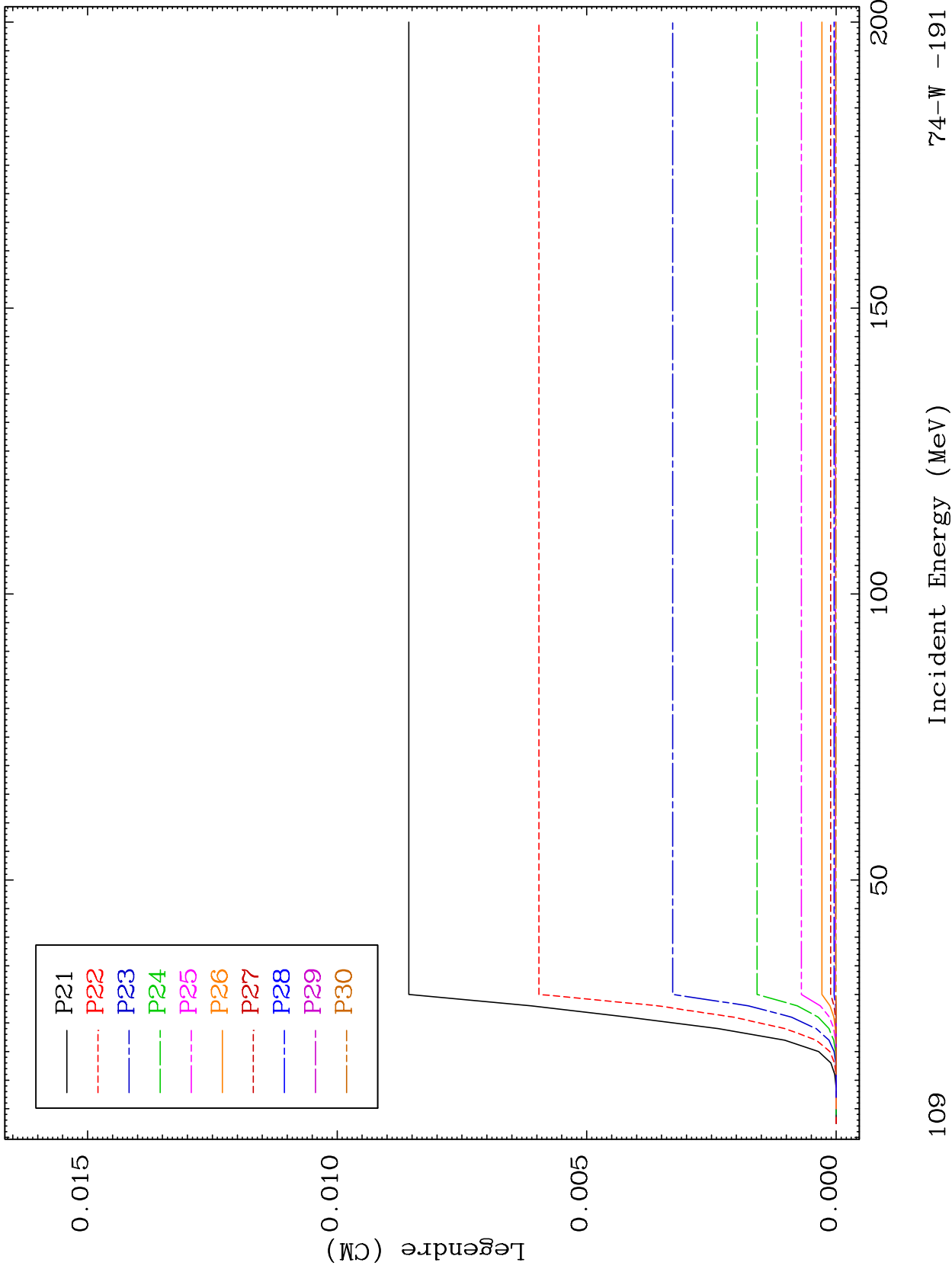
74-W -191



108

Incident Energy (MeV)

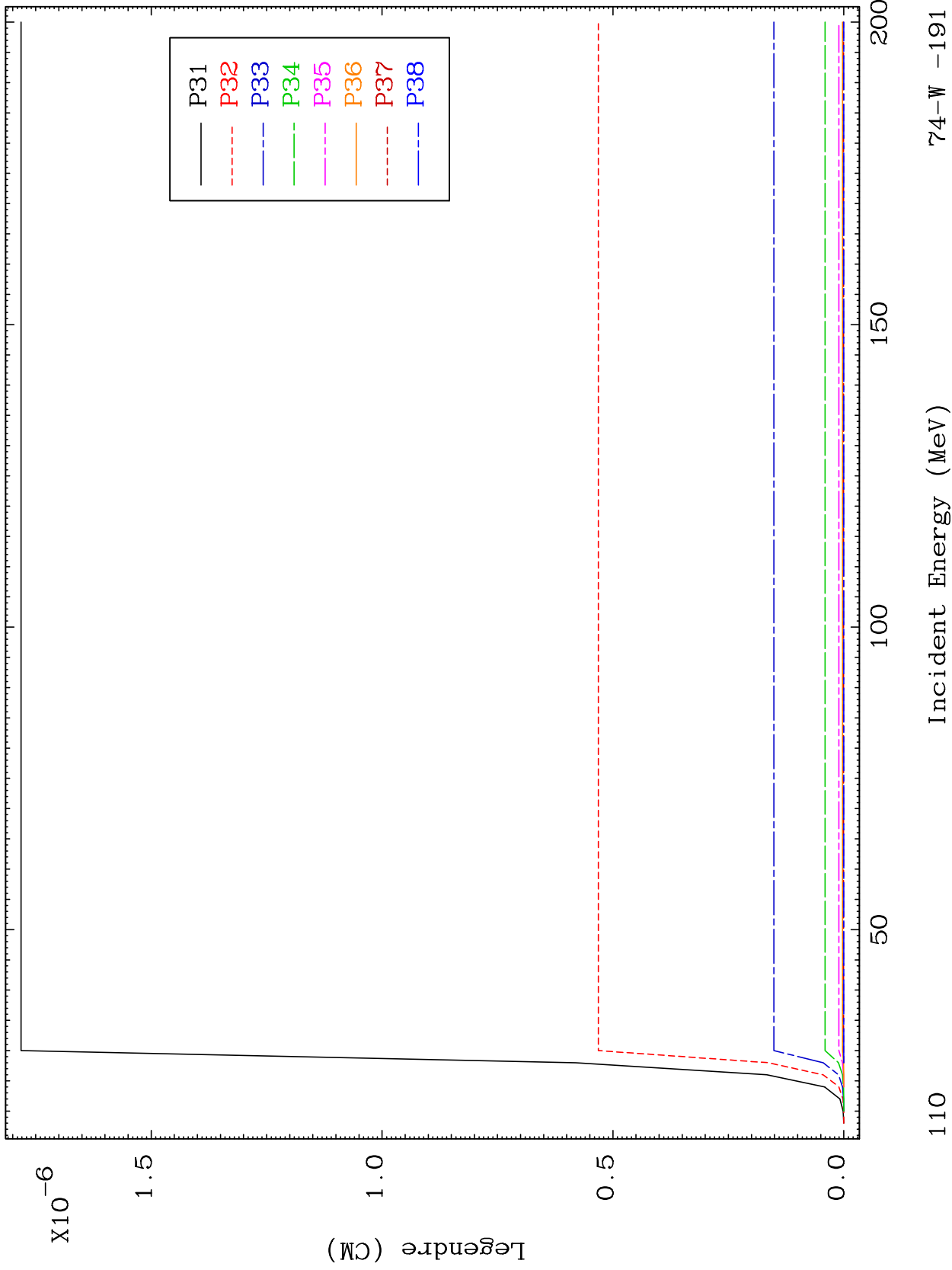
74-W -191



MAT 7458

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

74-W -191



110

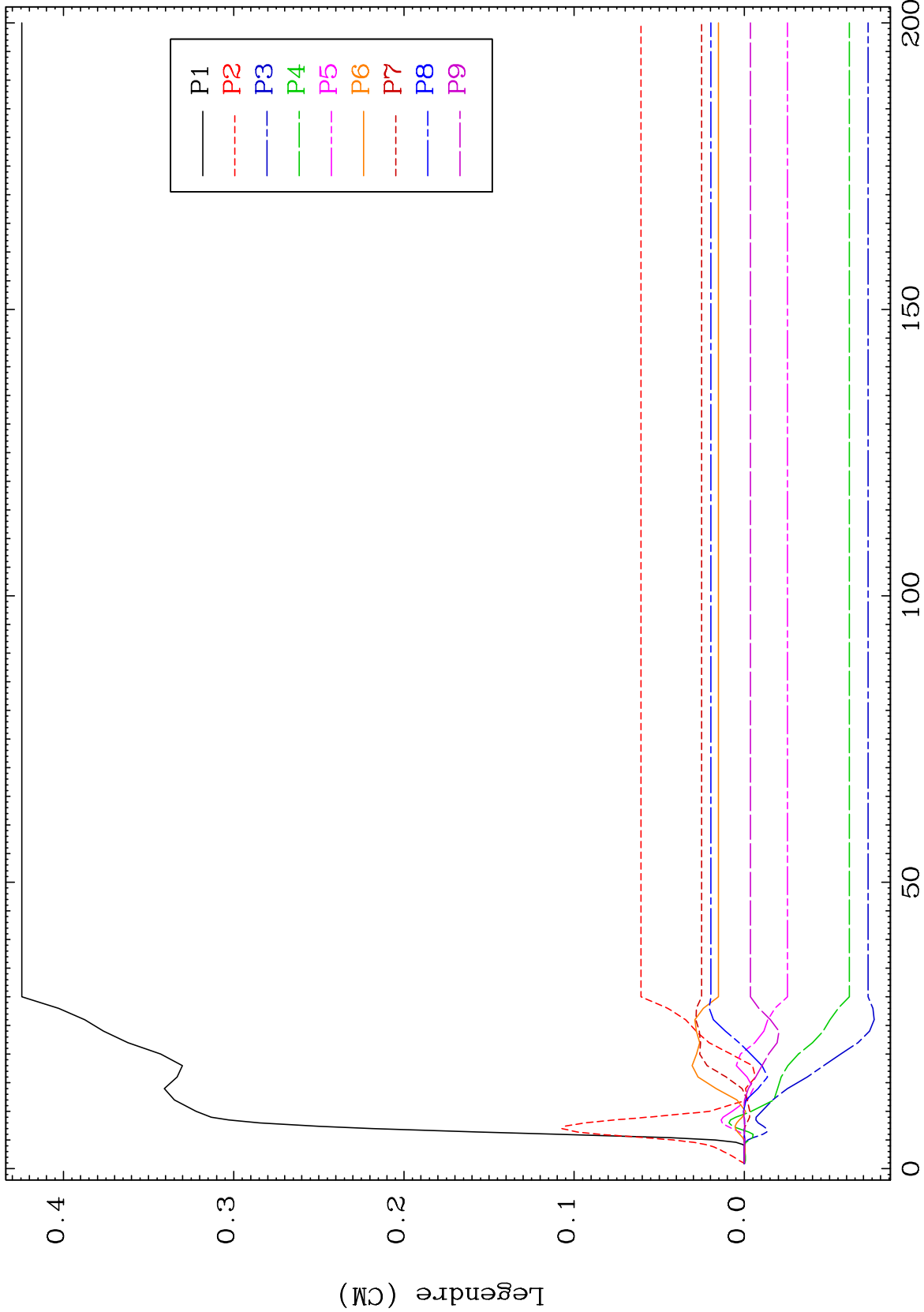
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



111

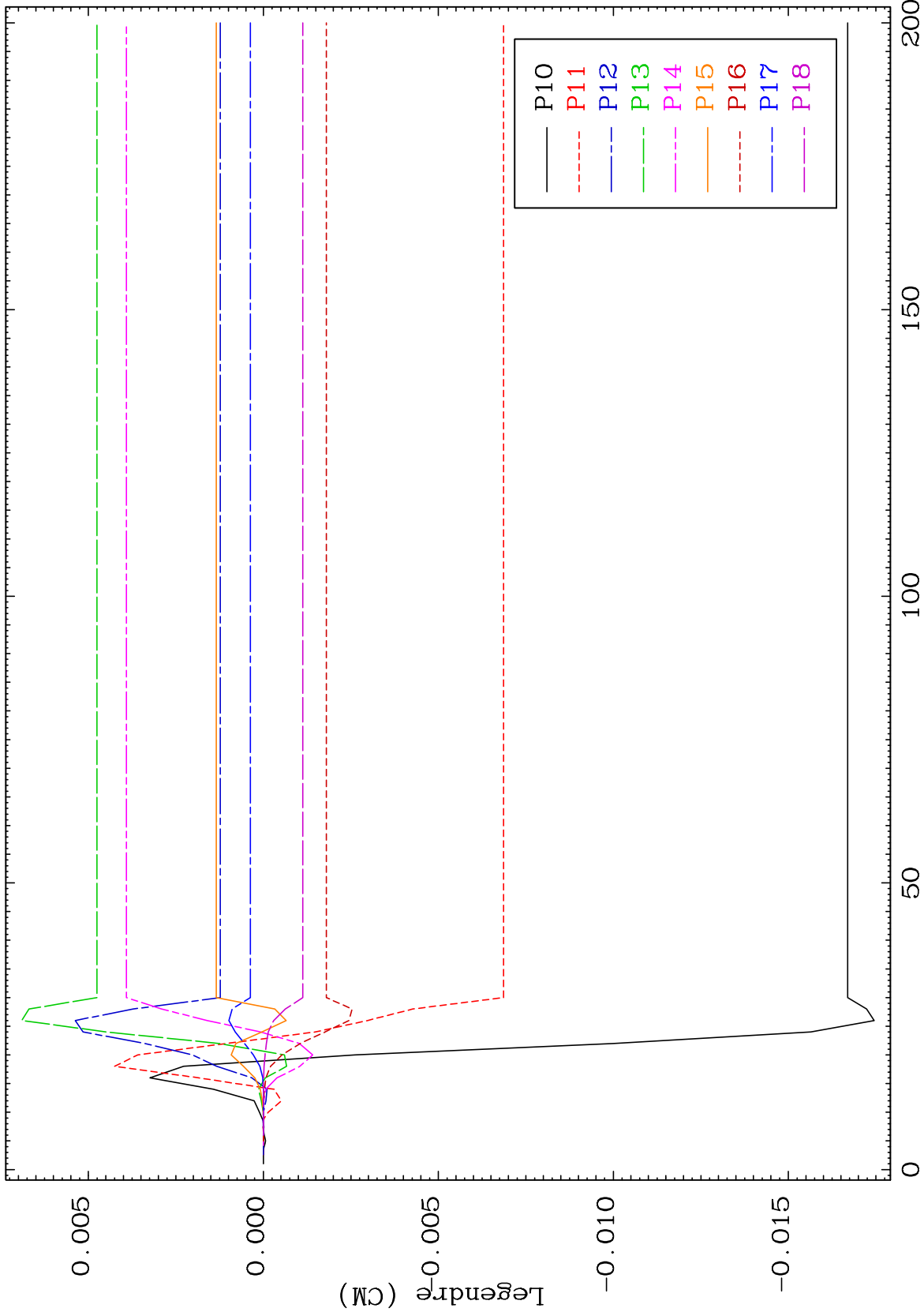
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



112

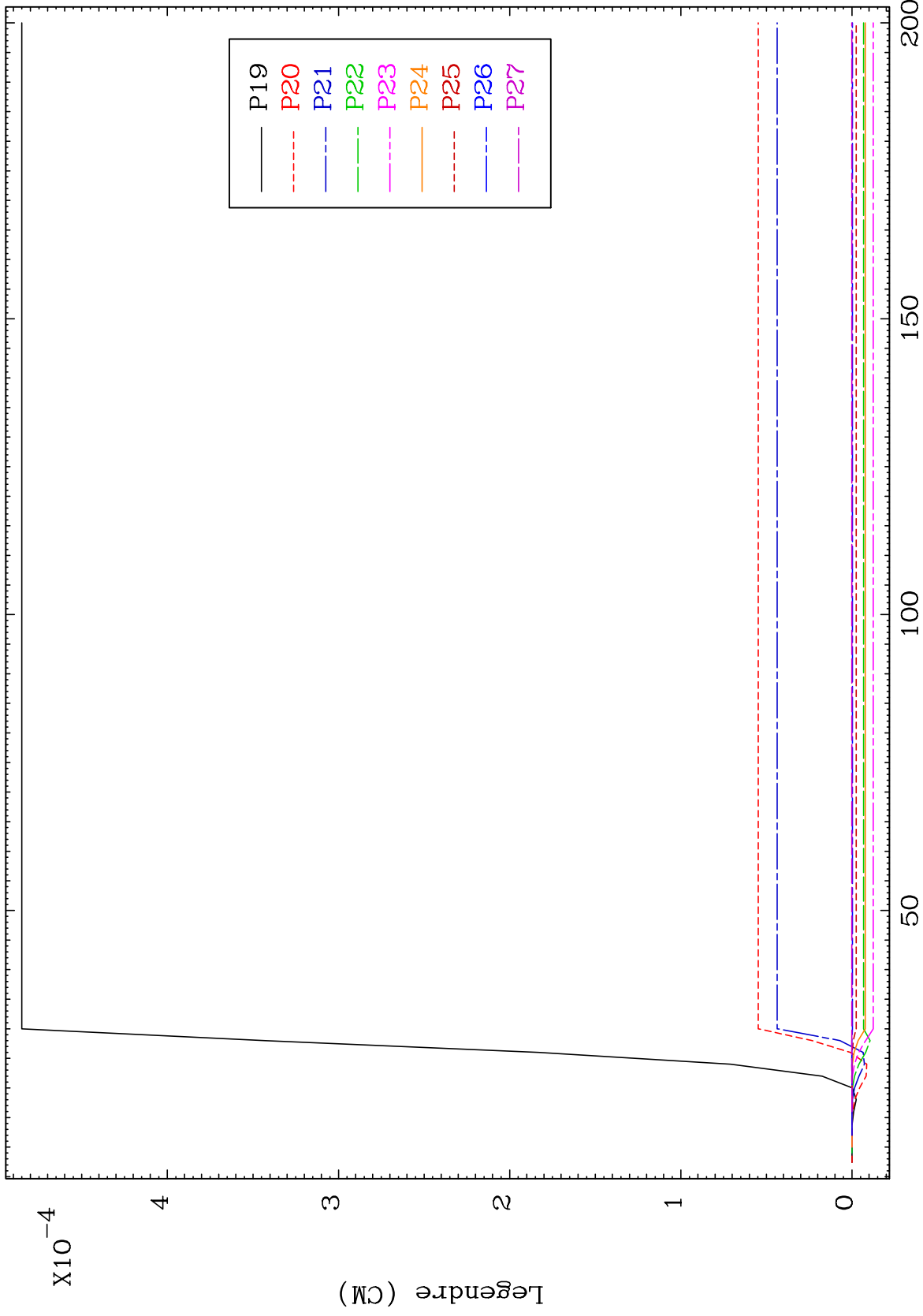
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



113

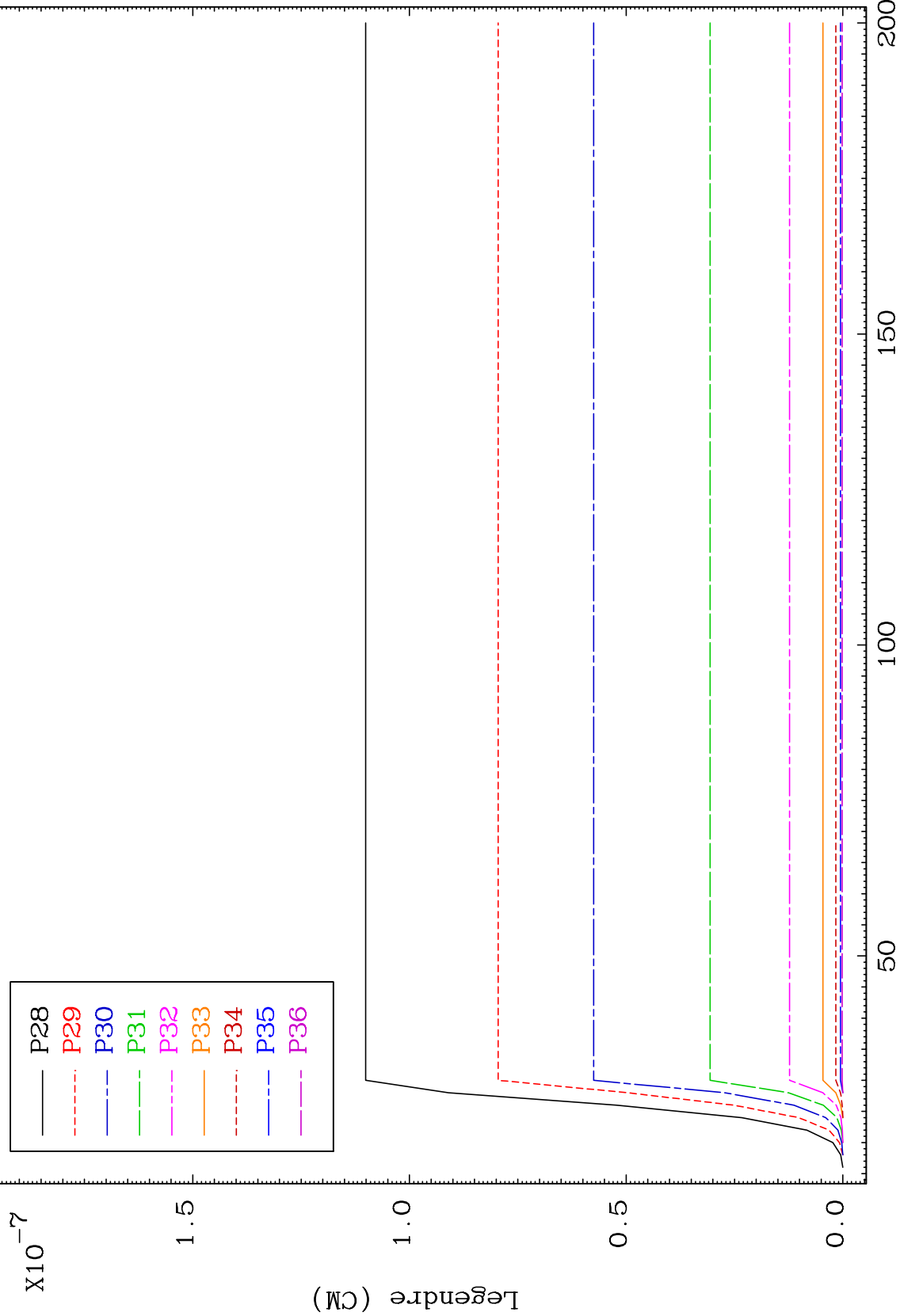
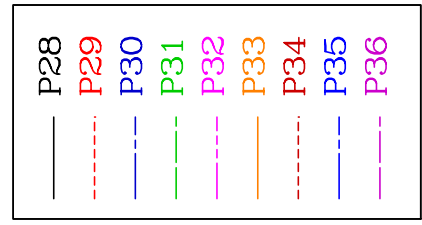
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



114

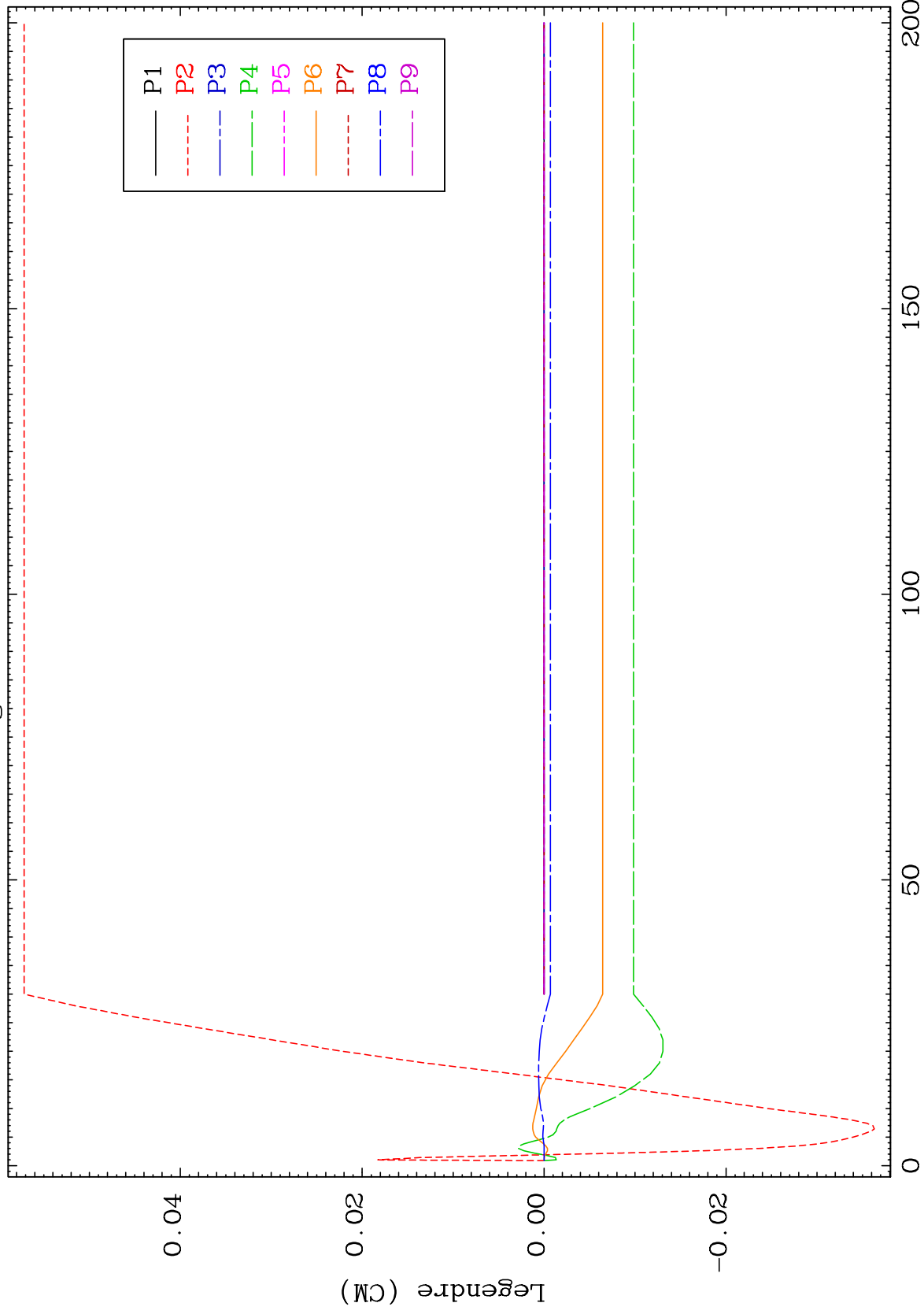
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



74-W -191

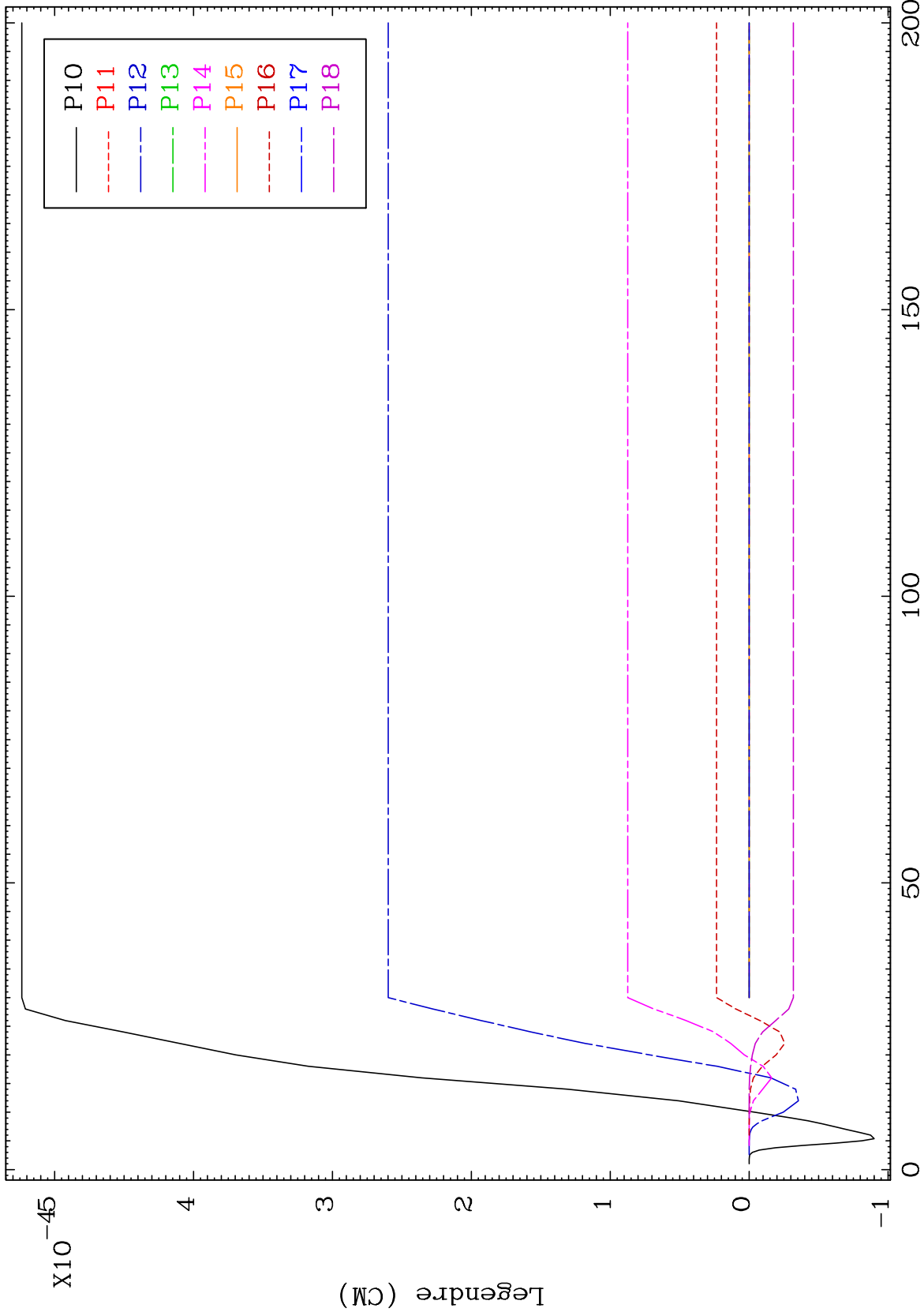
Incident Energy (MeV)

115

MAT 7458

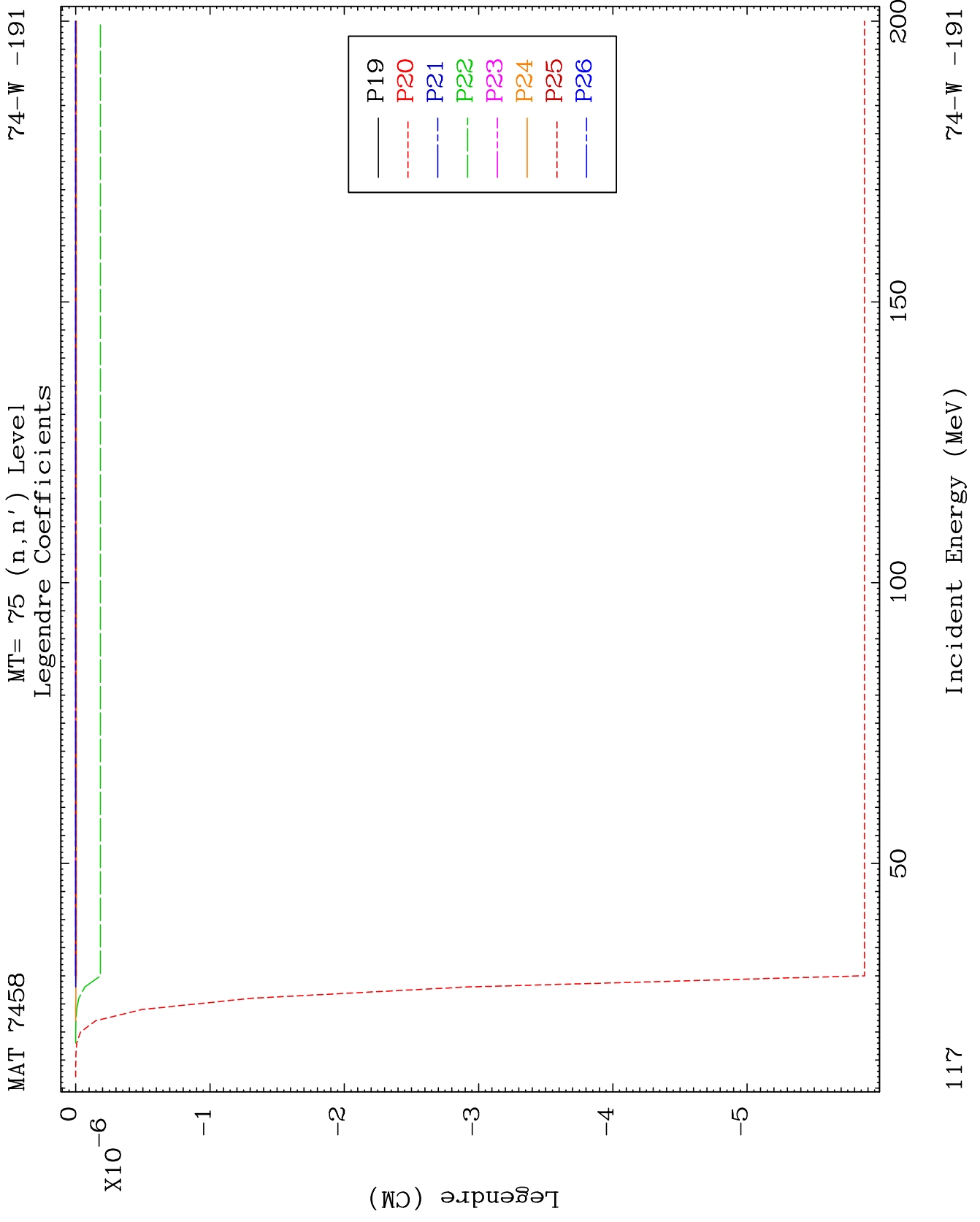
MT= 75 (n,n') Level
Legendre Coefficients

74-W -191



116

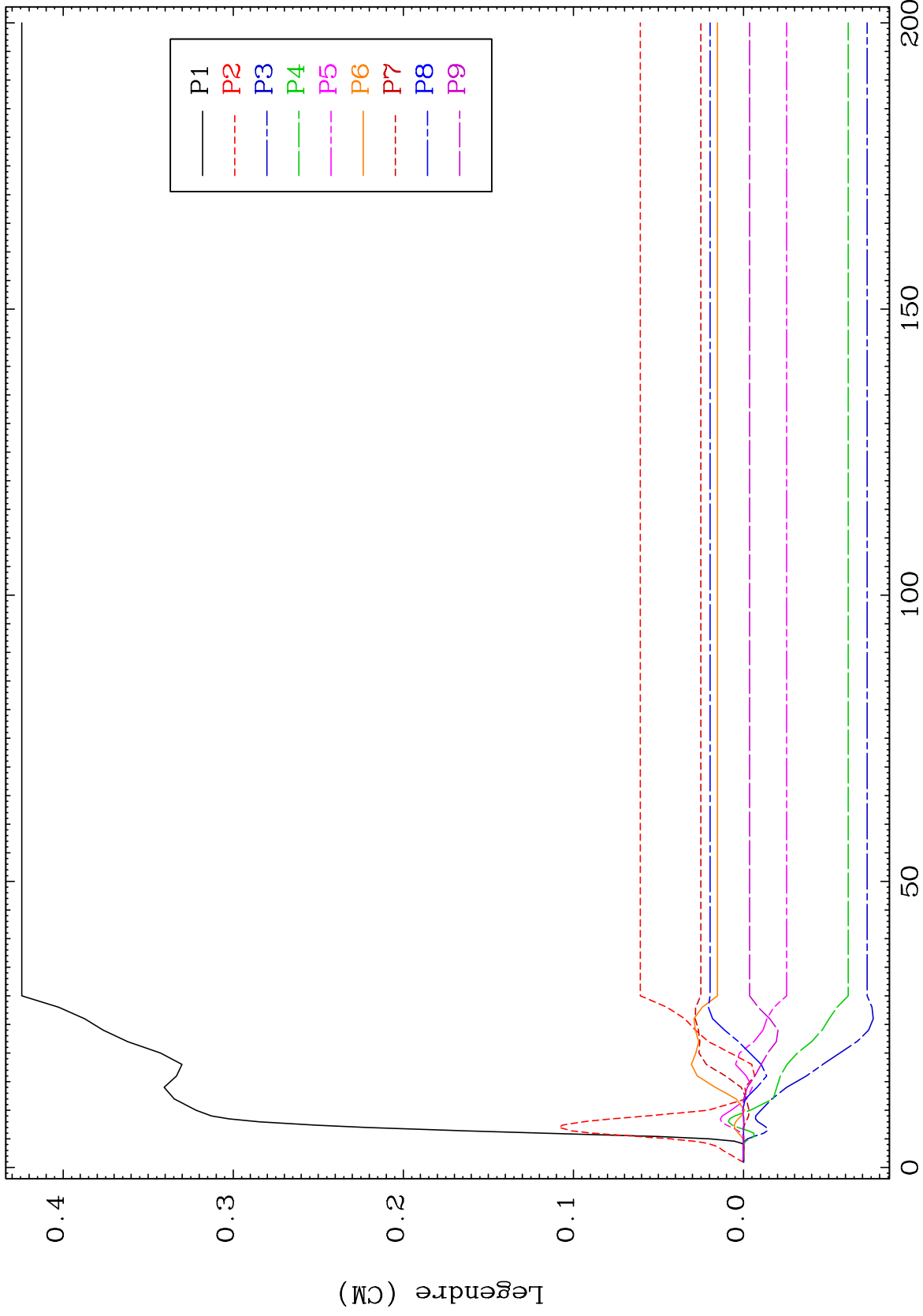
74-W -191



MAT 7458

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

74-W -191



118

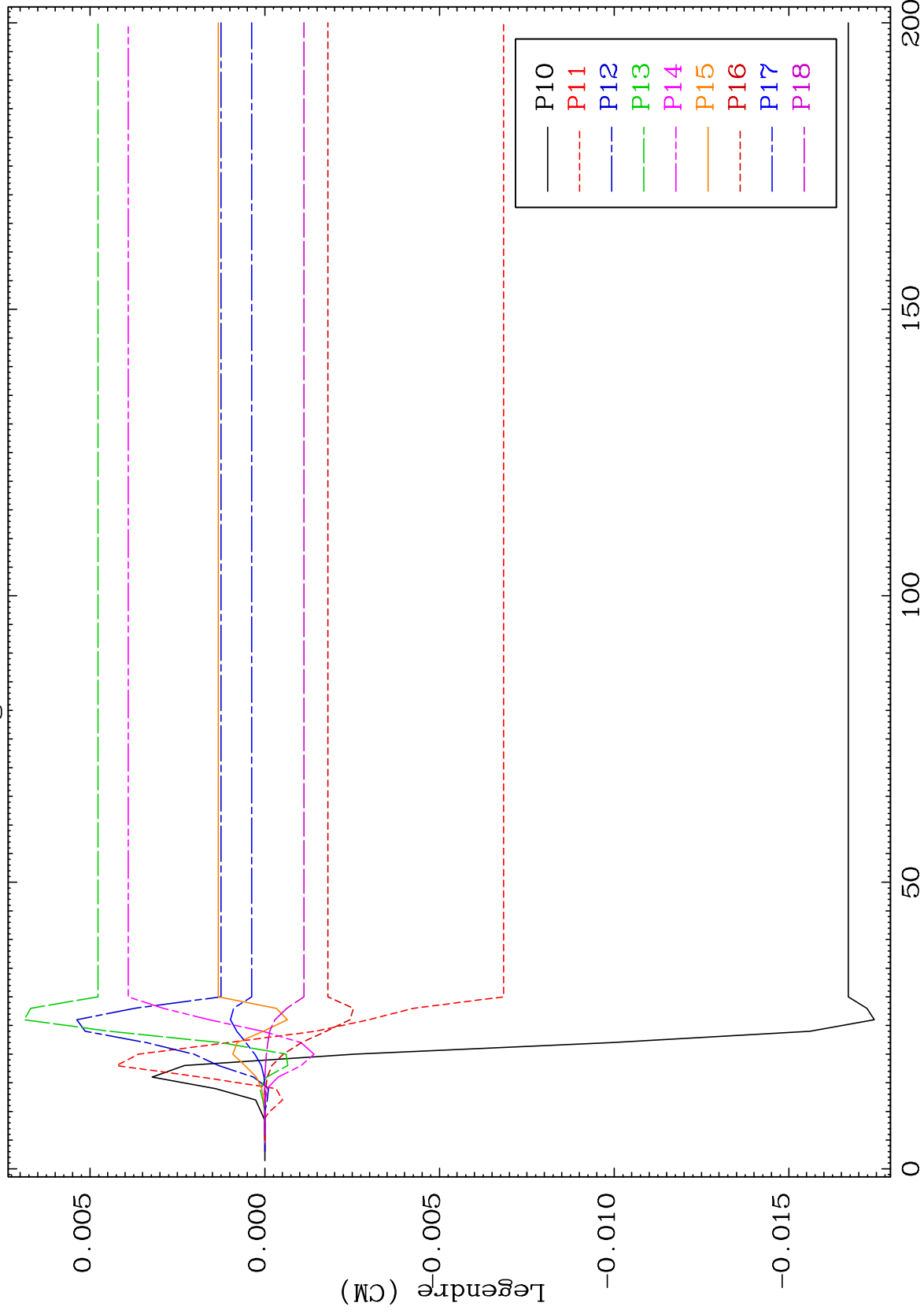
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



119

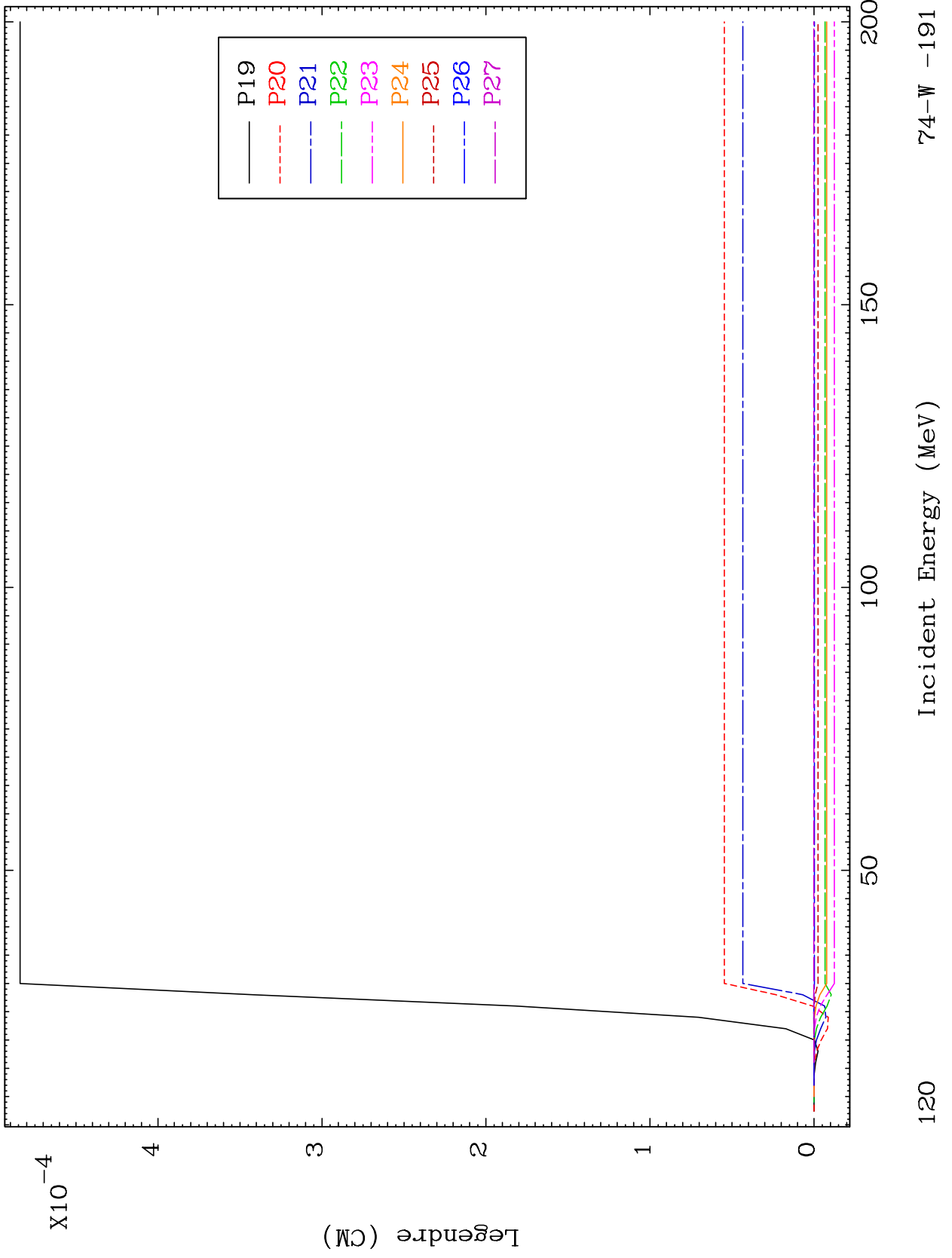
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



120

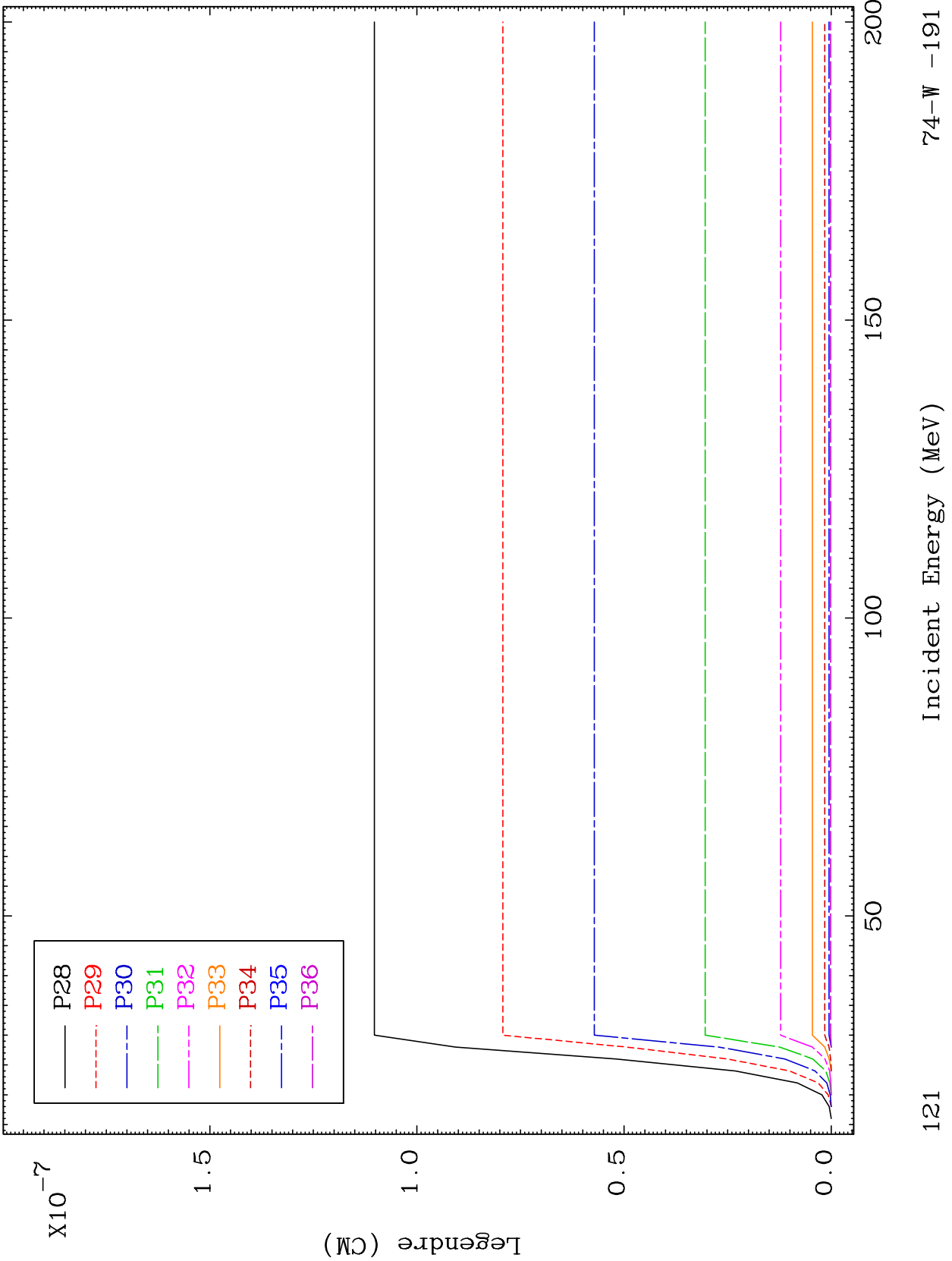
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



121

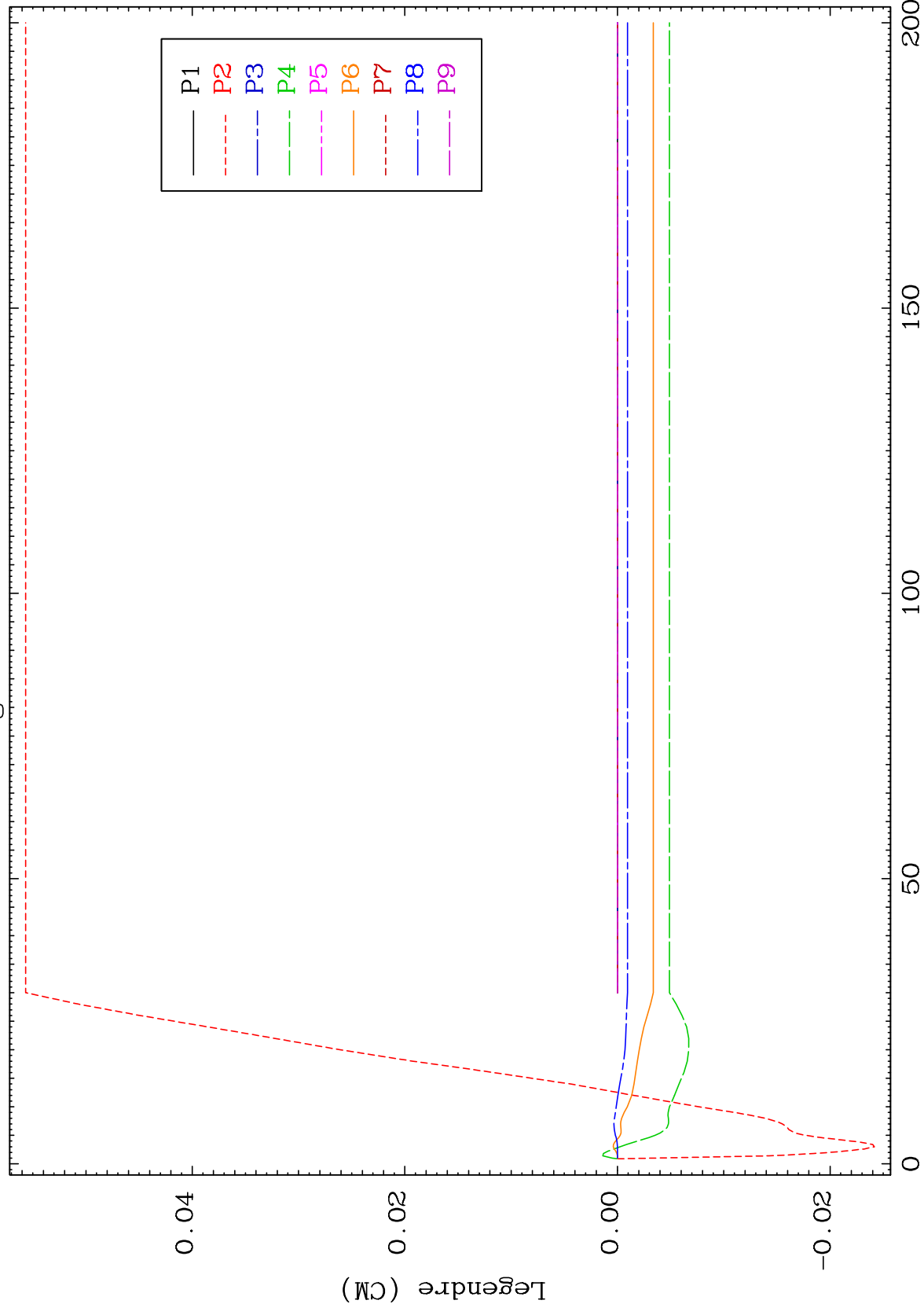
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



122

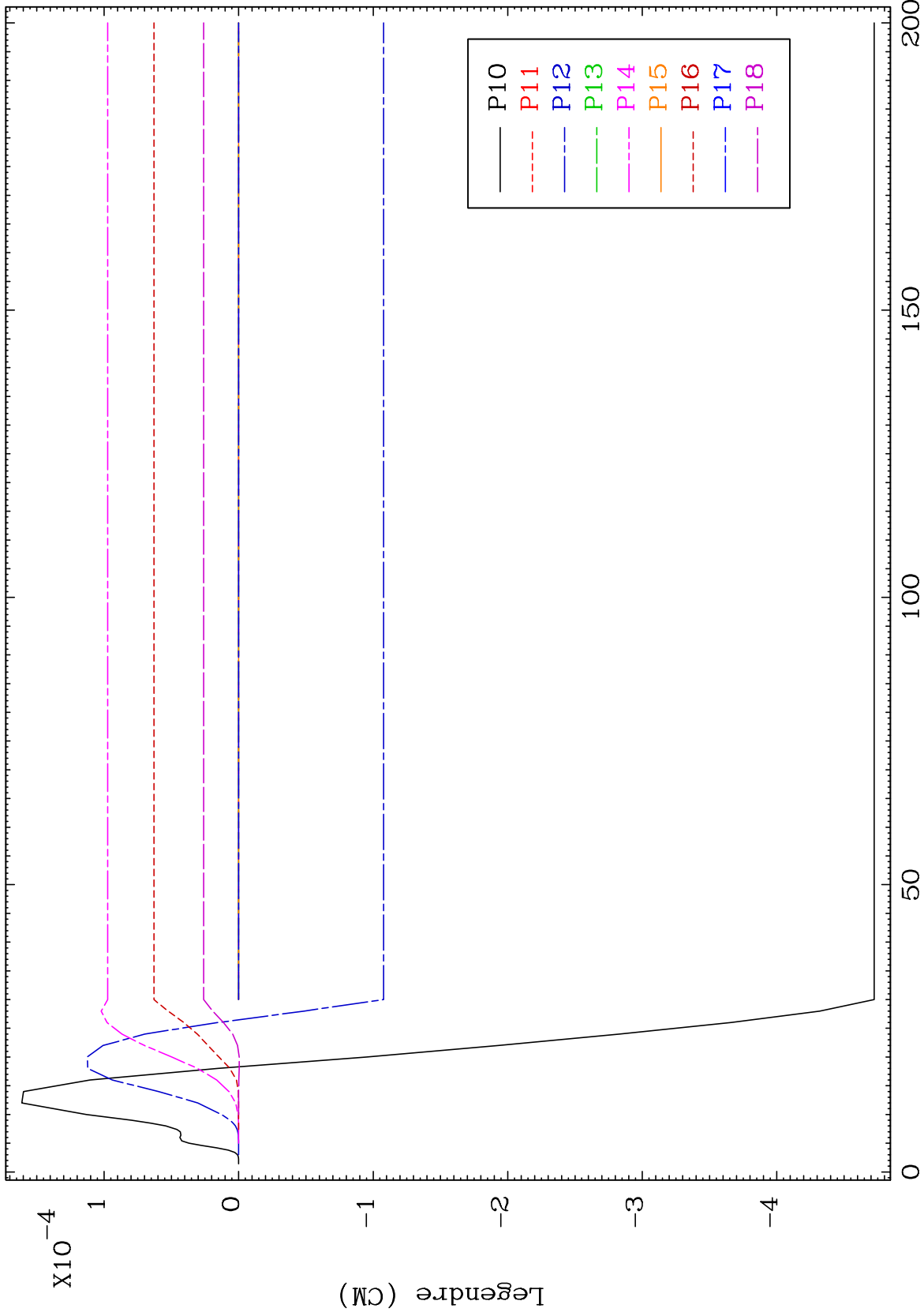
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



123

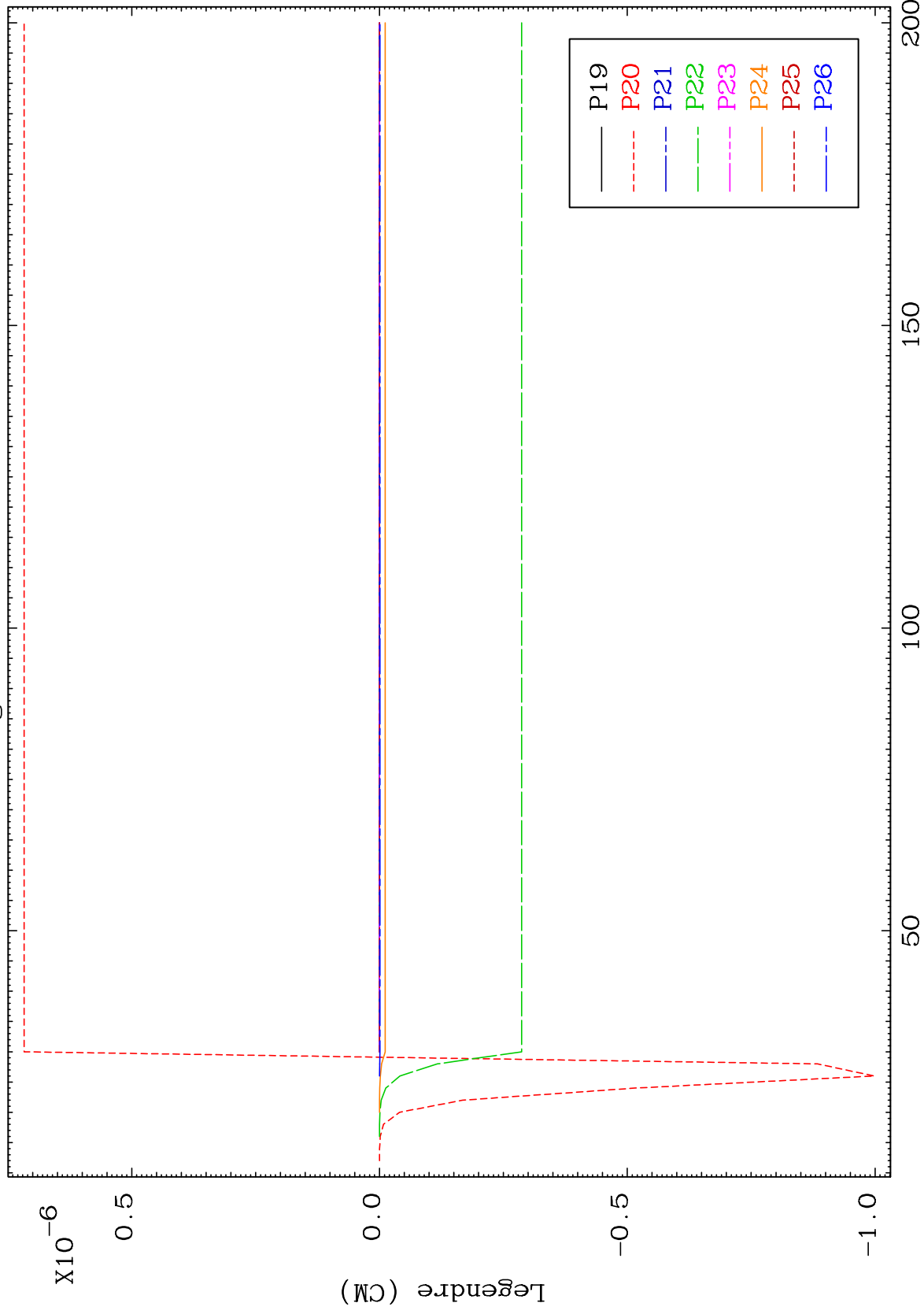
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



124

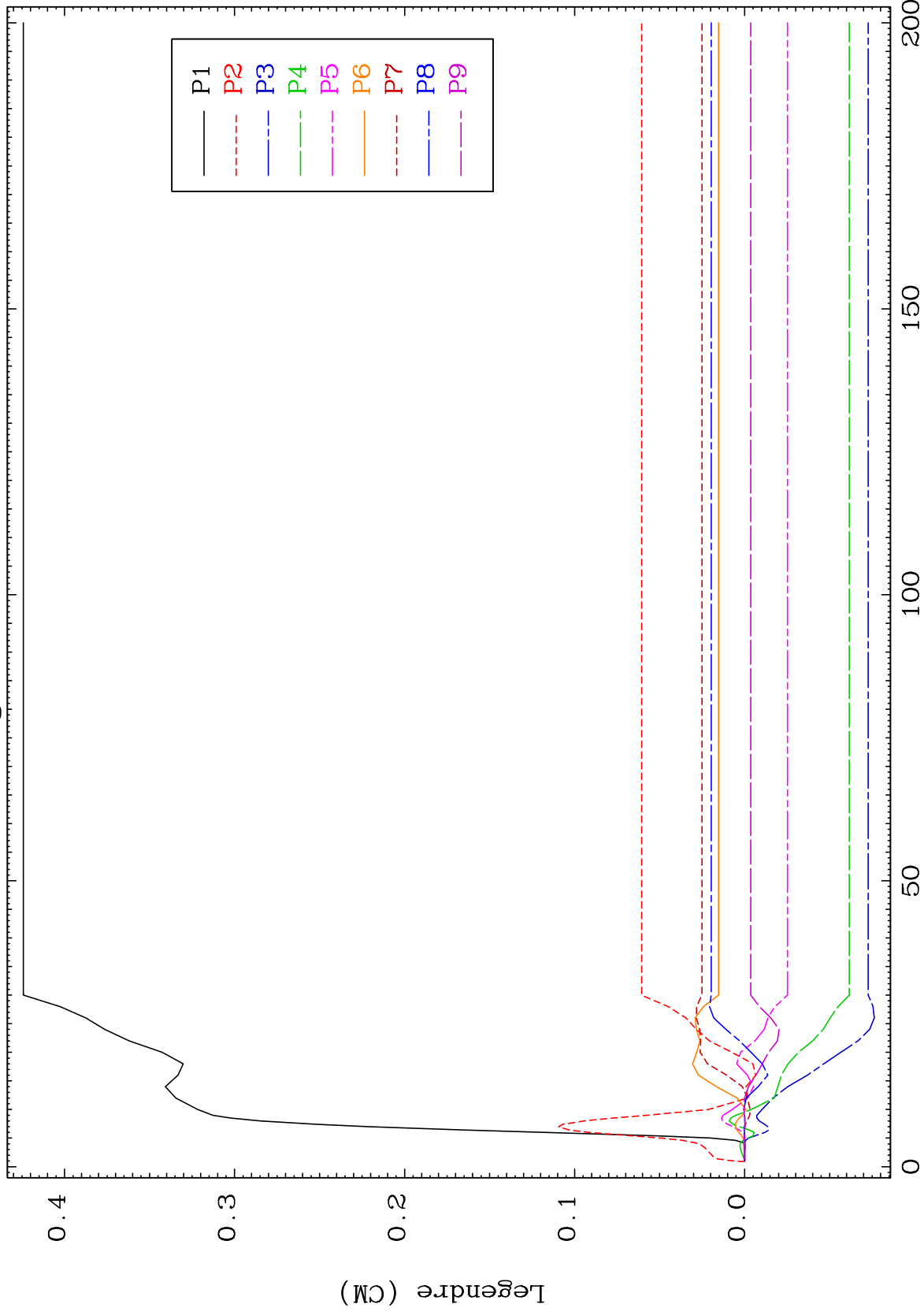
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



125

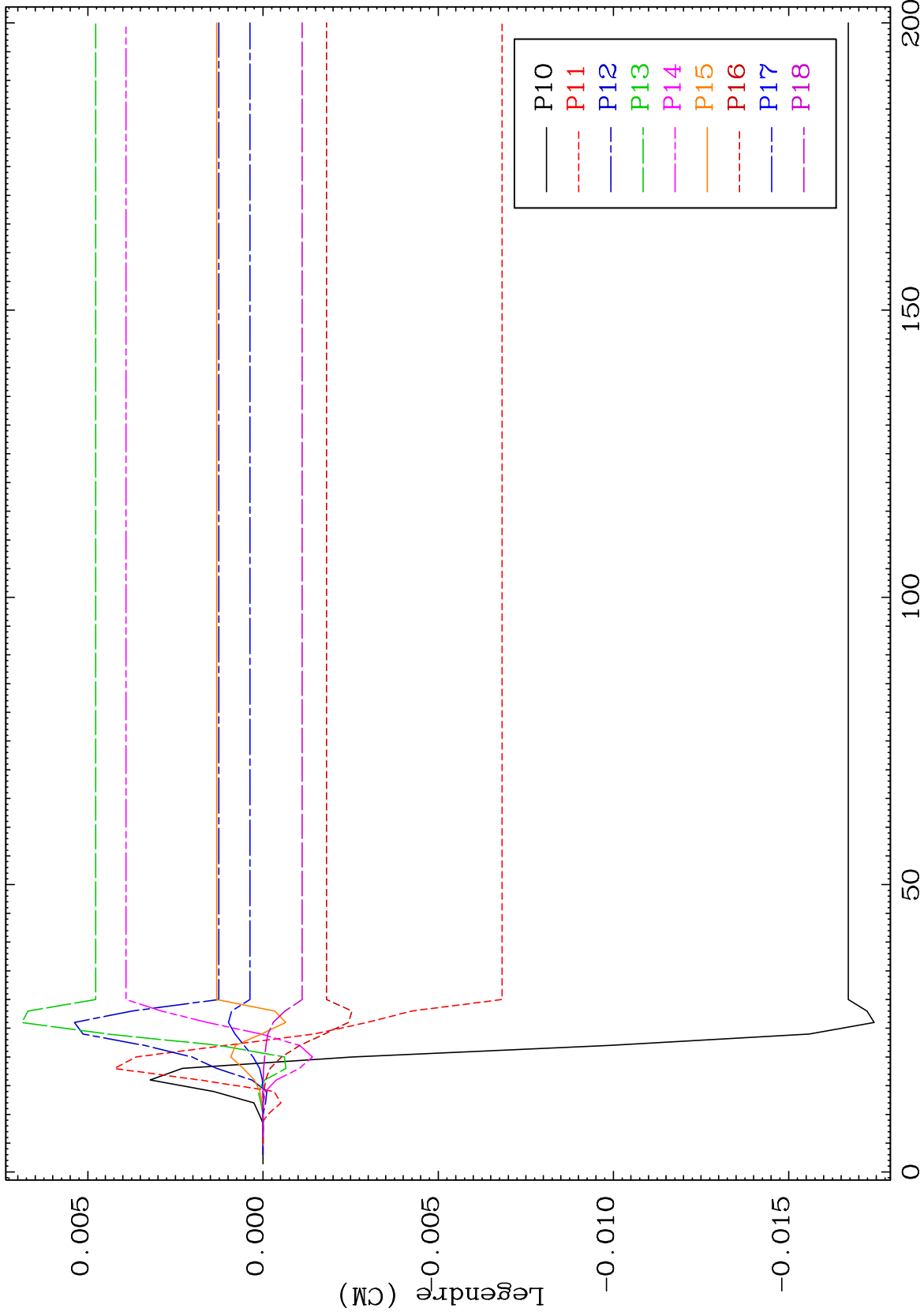
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



126

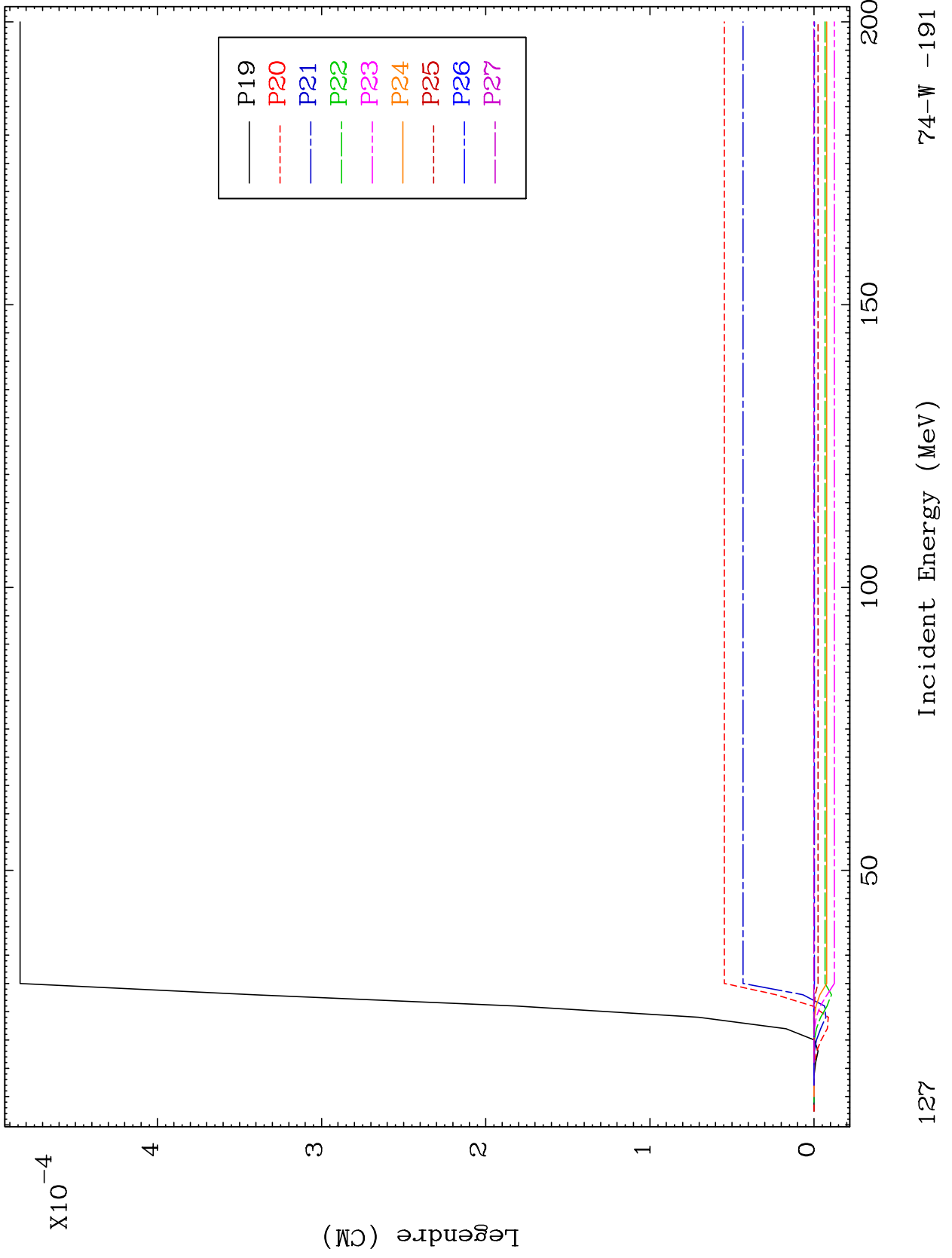
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



127

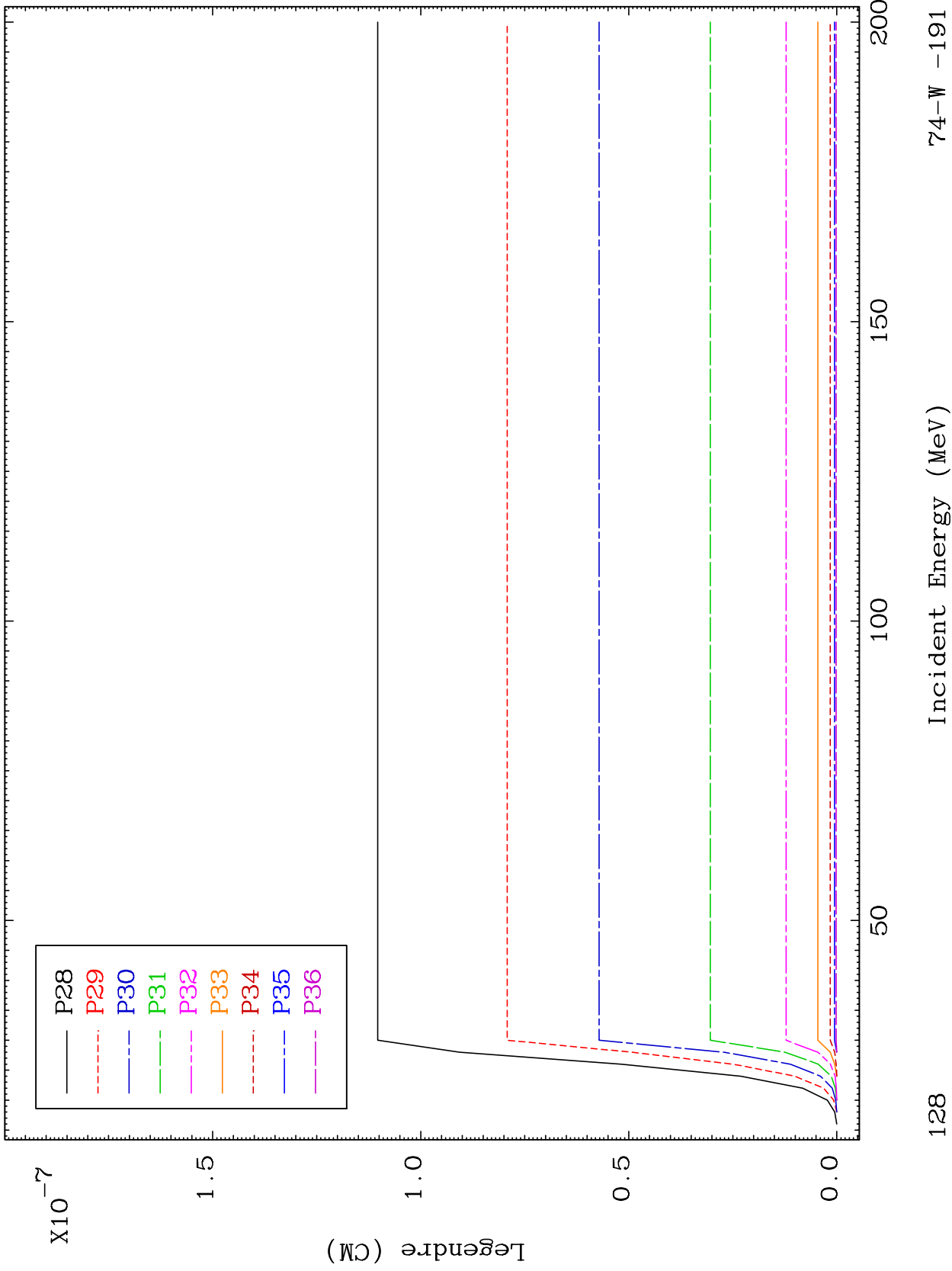
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191

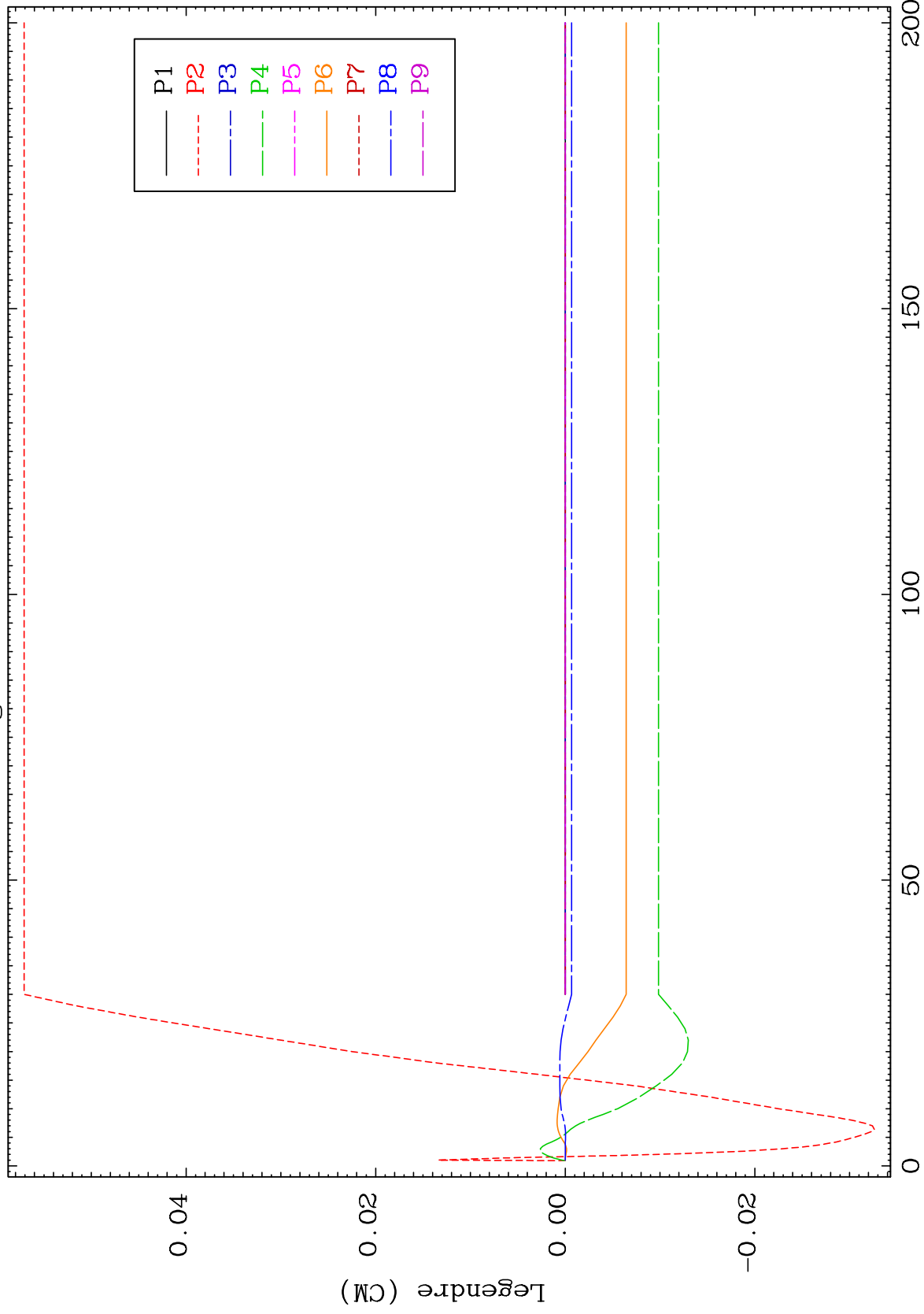


128

MAT 7458

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

74-W -191



129

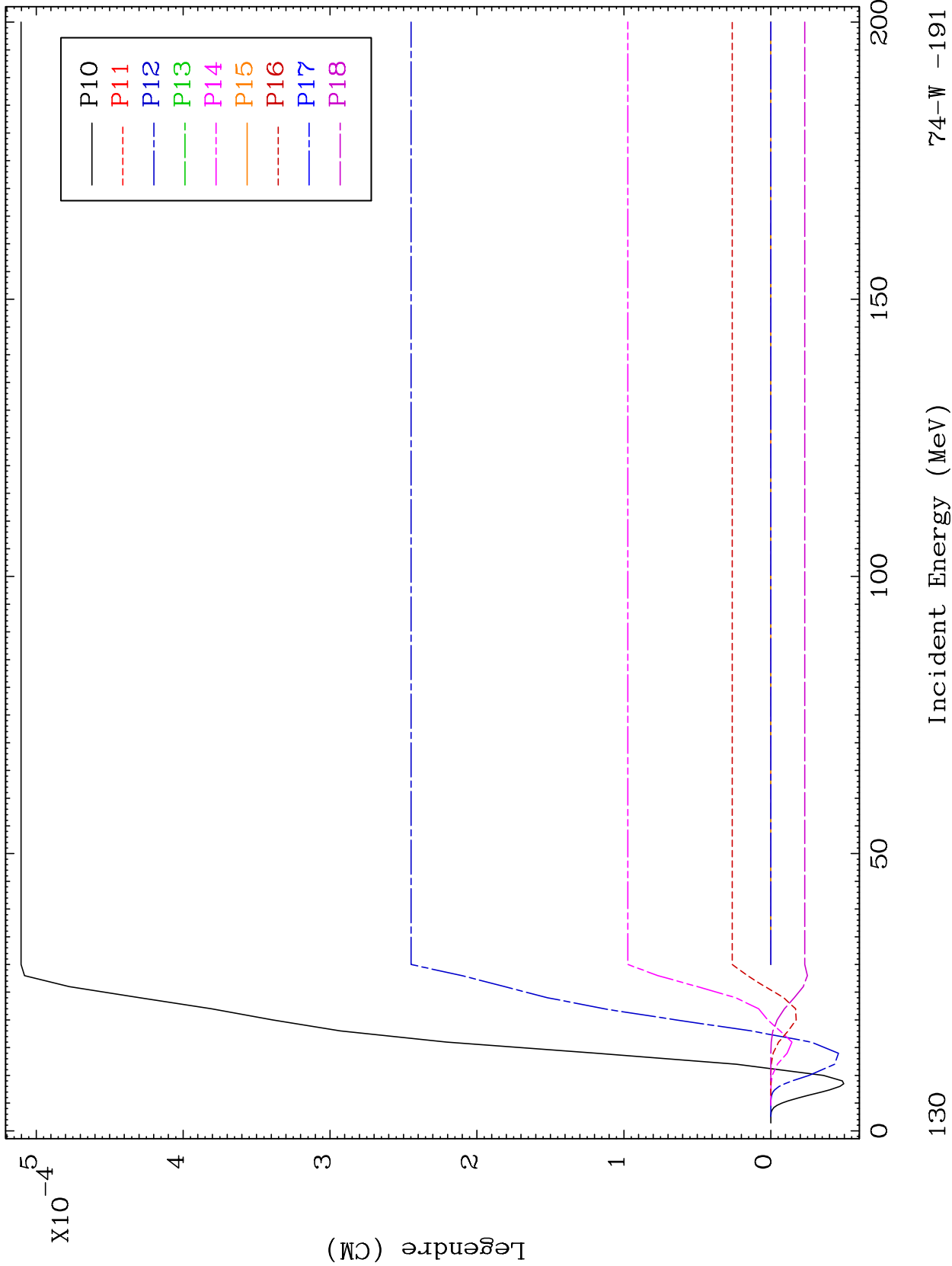
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



74-W -191

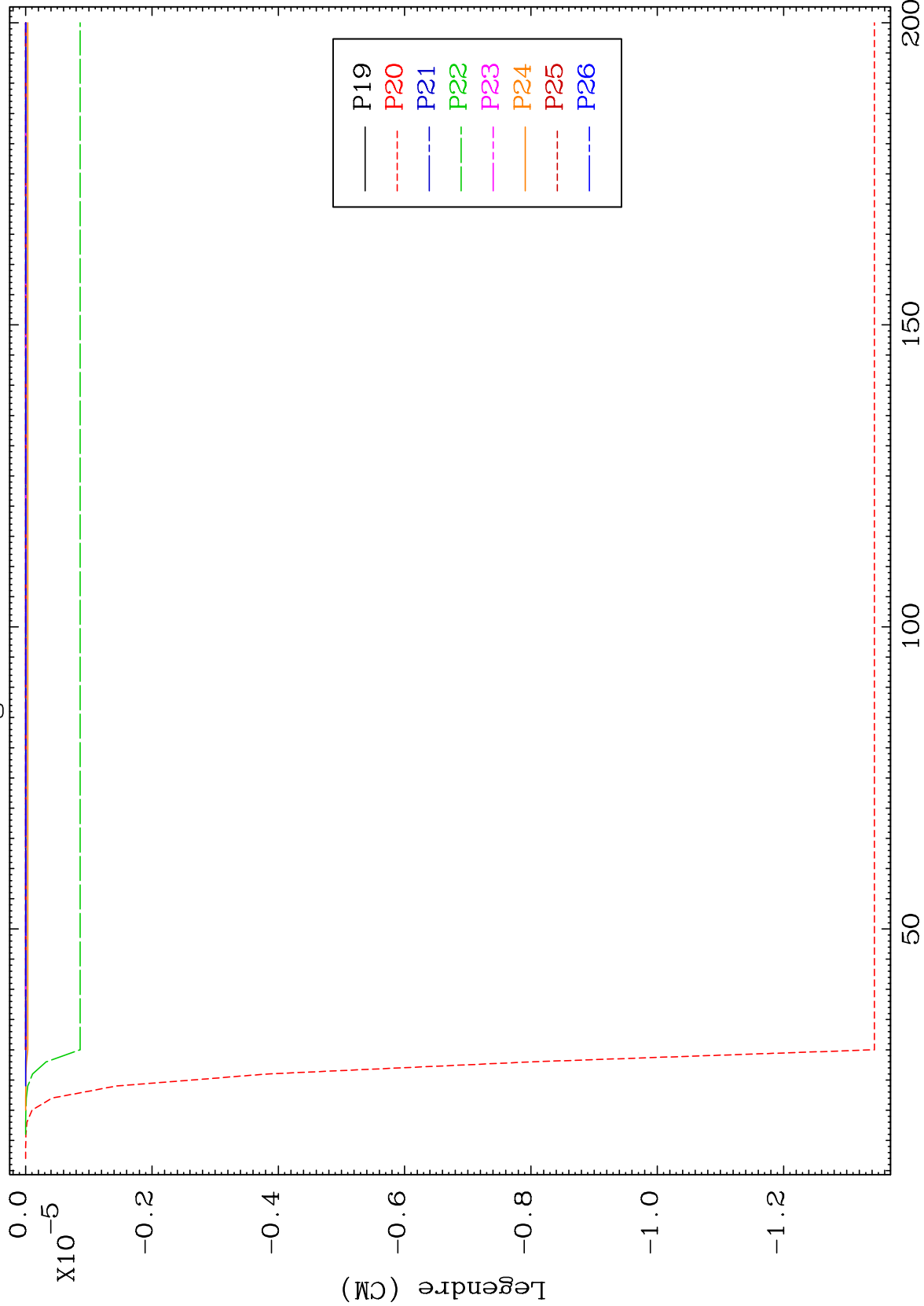
Incident Energy (MeV)

130

MAT 7458

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

74-W -191



131

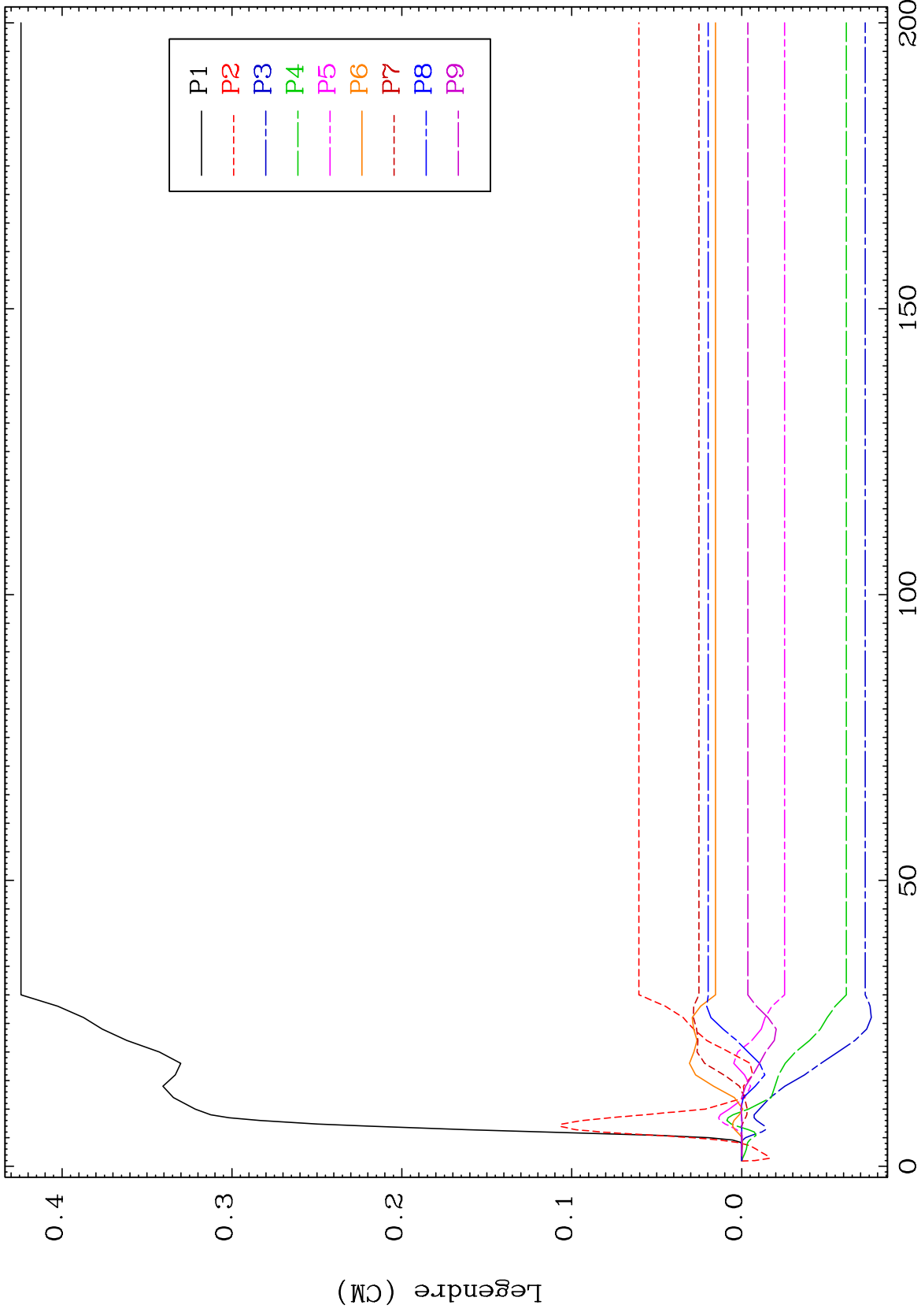
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



132

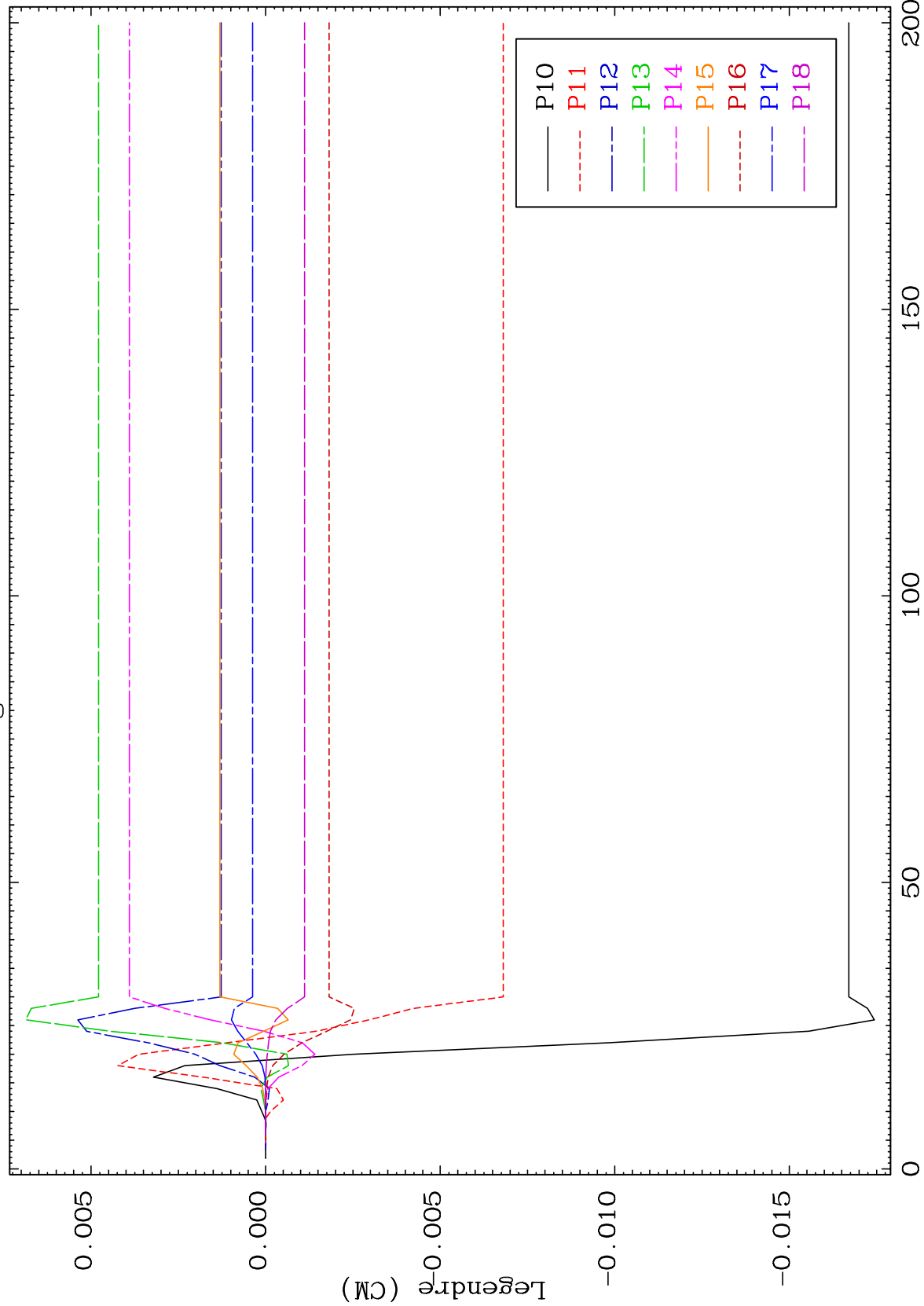
Incident Energy (MeV)

74-W -191

MAT 7458

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

74-W -191



133

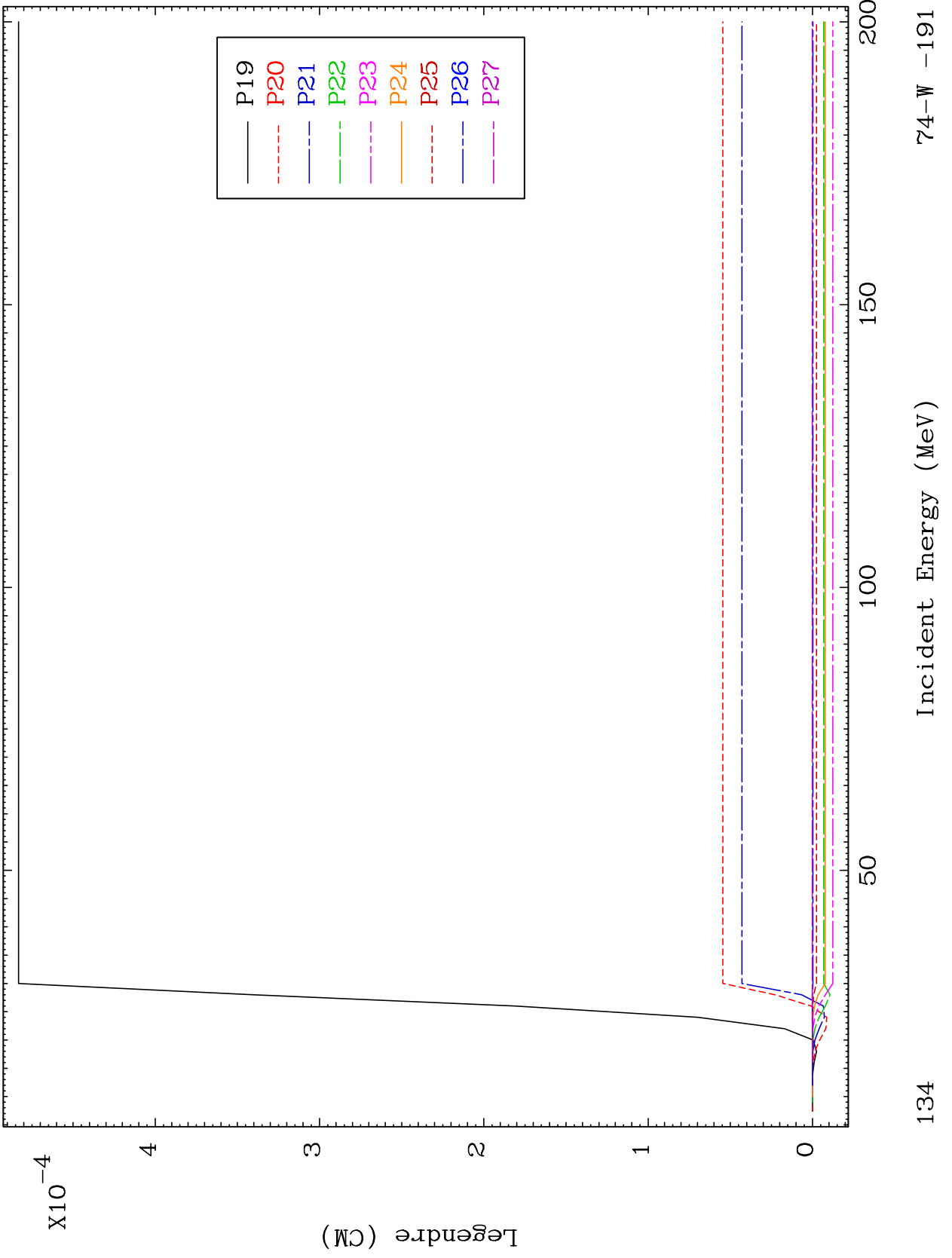
Incident Energy (MeV)

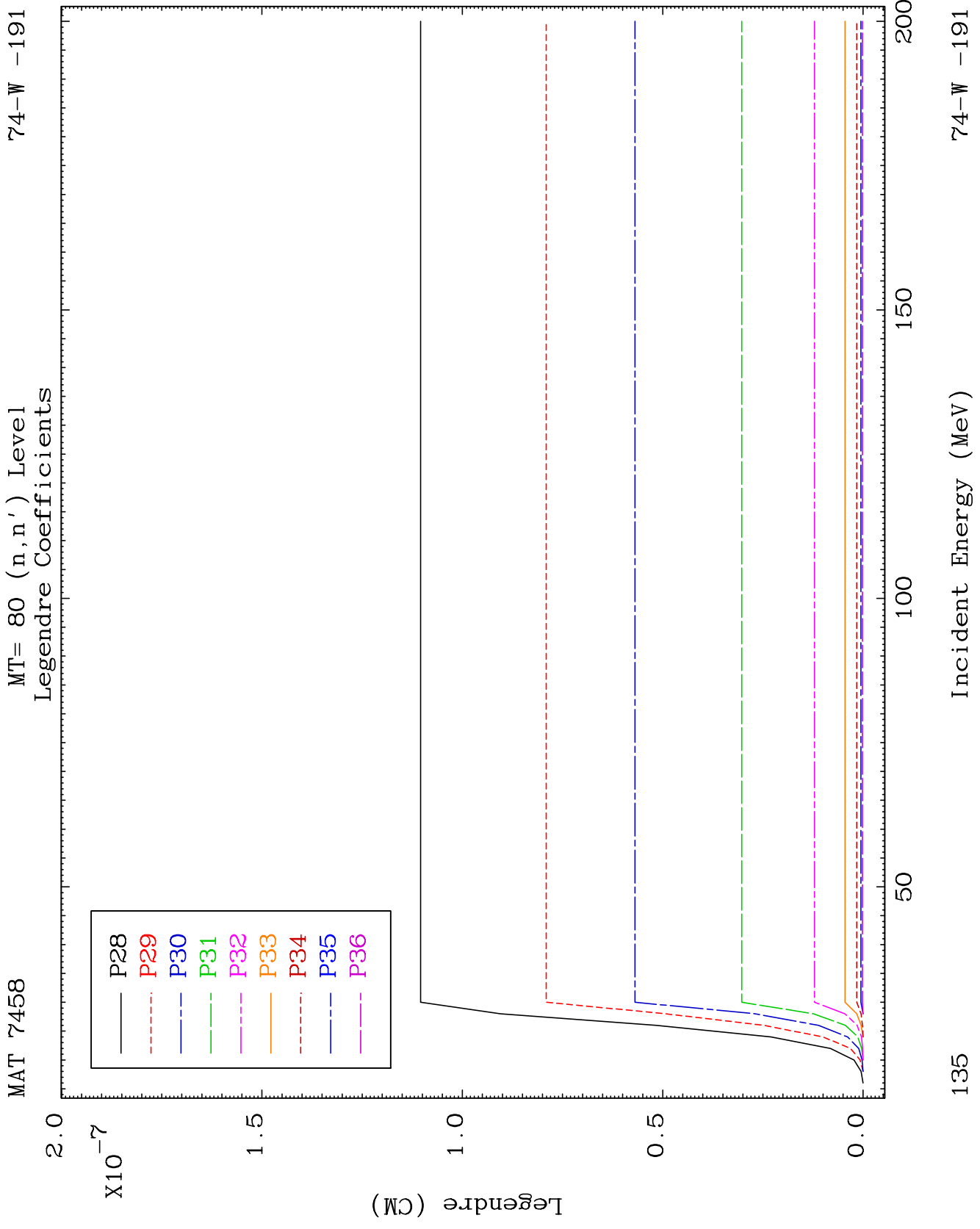
74-W -191

MAT 7458

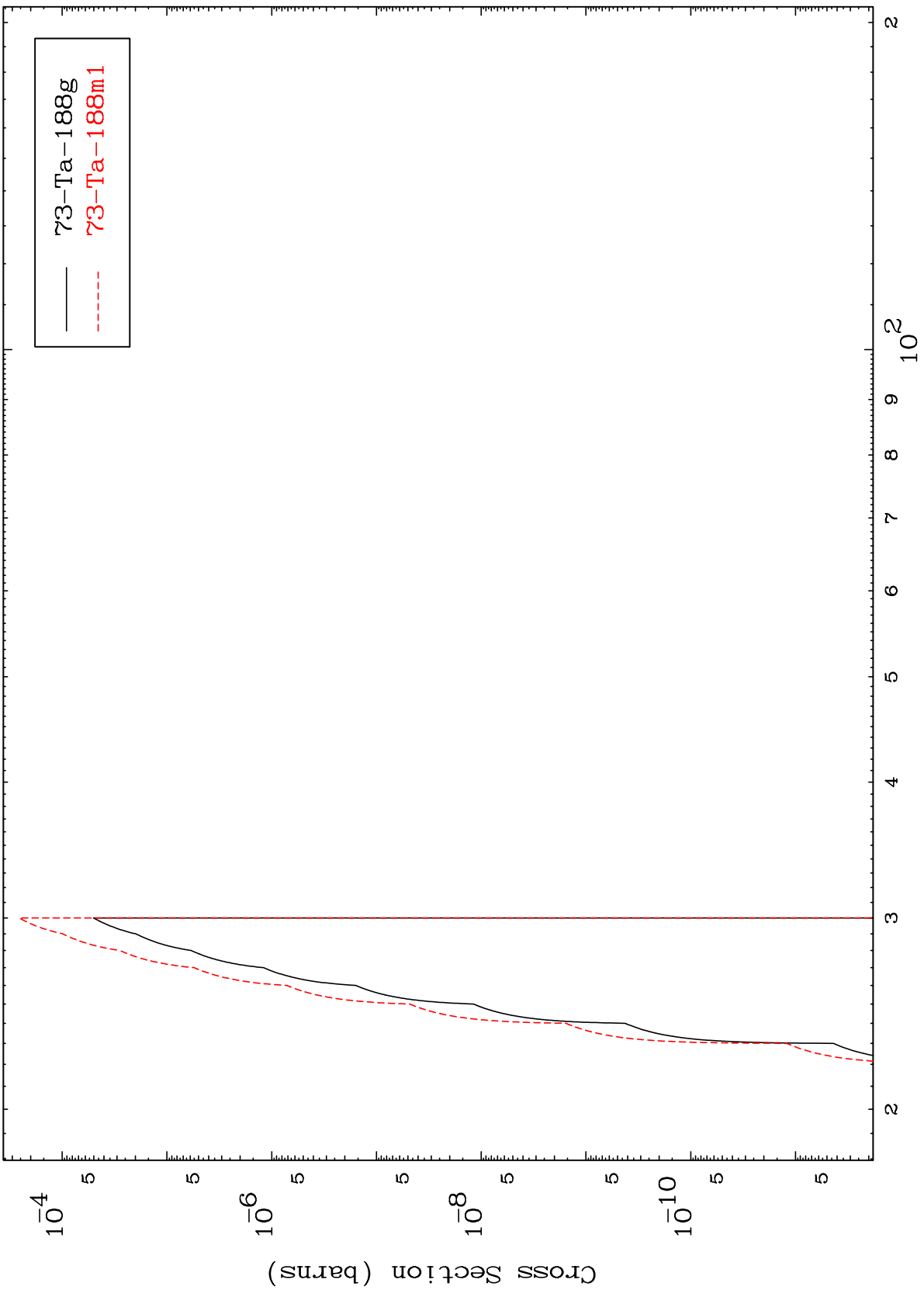
MT= 80 (n,n') Level
Legendre Coefficients

74-W -191





Radionuclide Production Cross Section

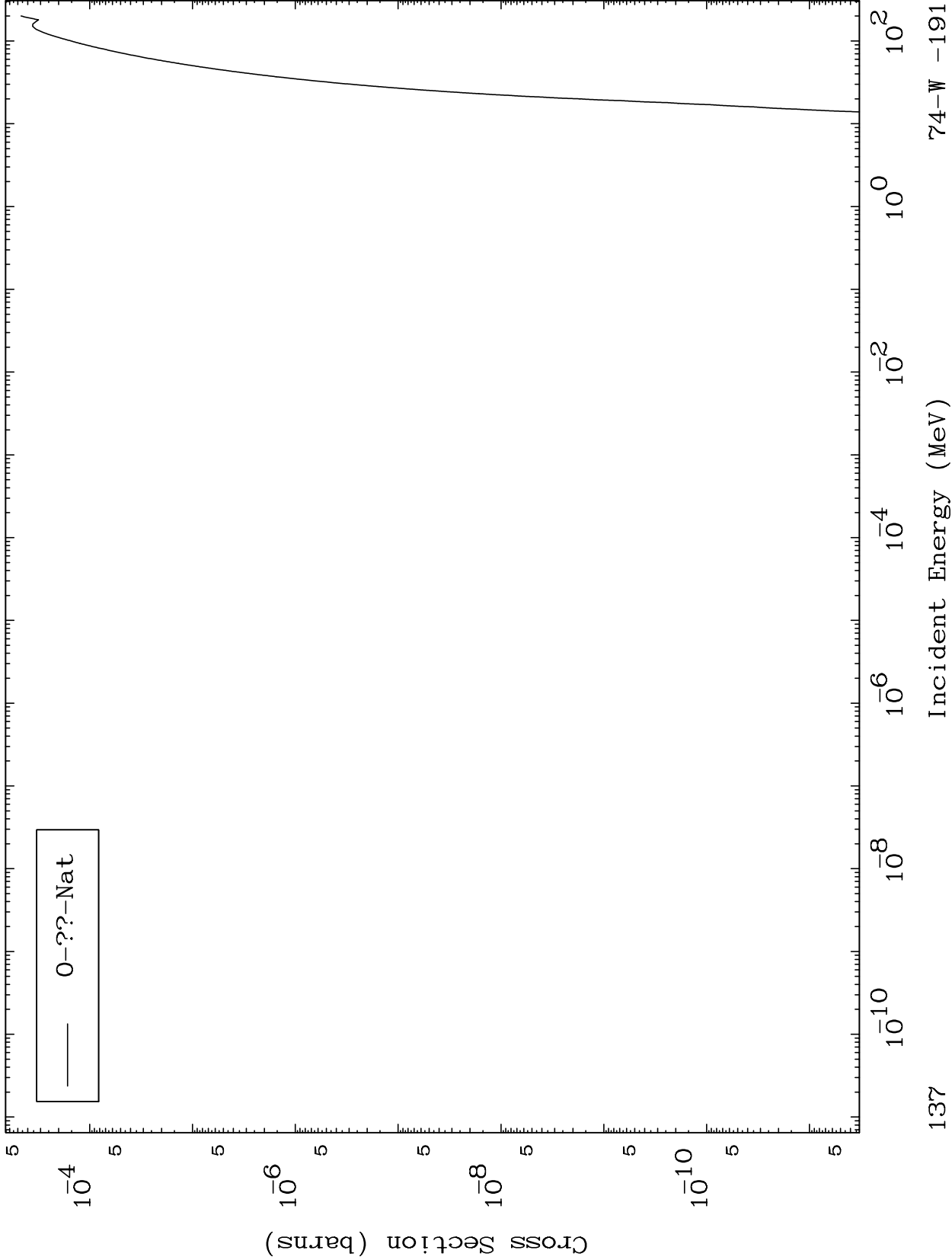


MAT 7458

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74-W -191

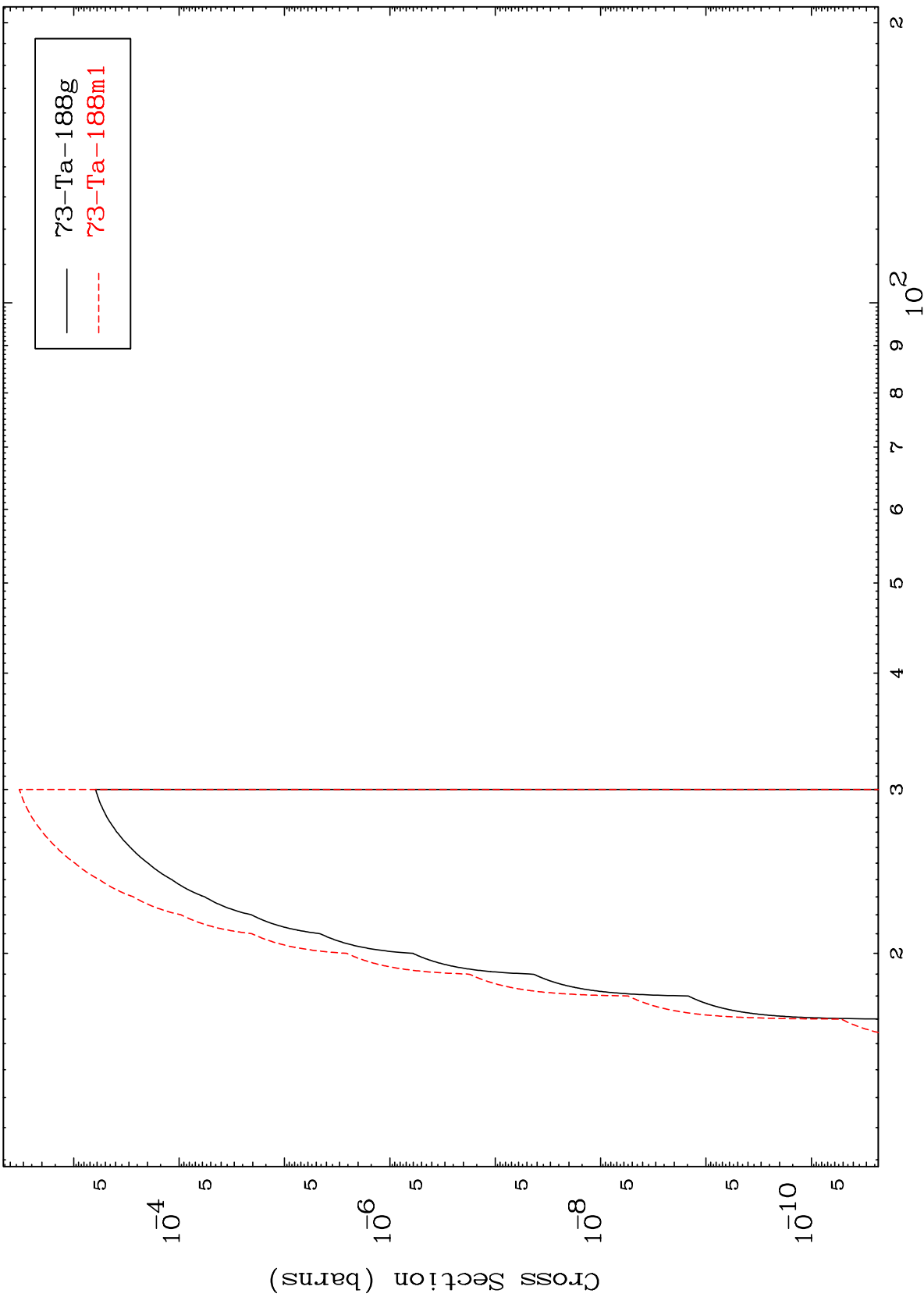
Radionuclide Production Cross Section



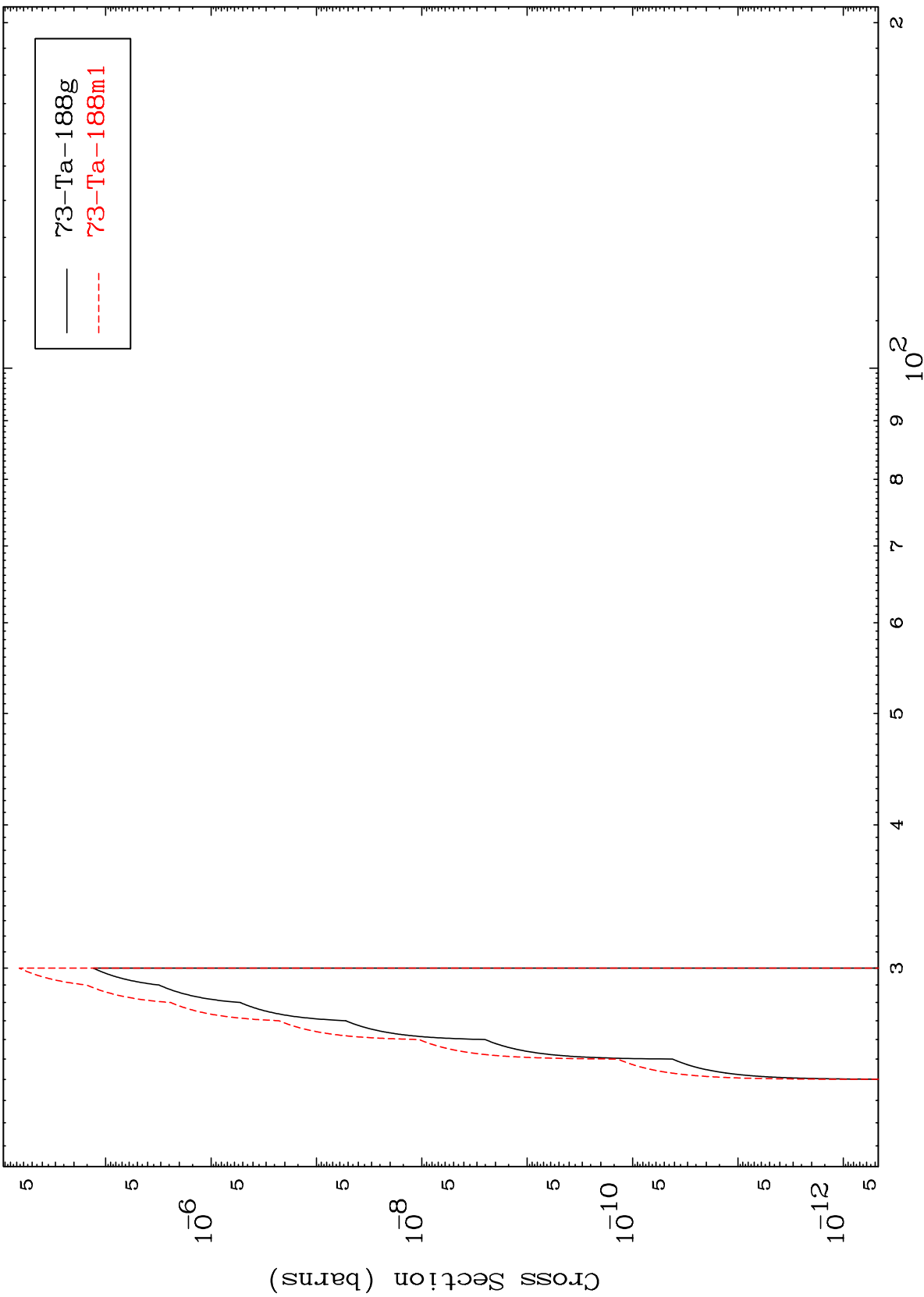
137

74-W -191

Radionuclide Production Cross Section



Radionuclide Production Cross Section



— ⁷³Ta-188g
- - - ⁷³Ta-188m1