

Program EVALPLOT
(Version 2017-1)

by

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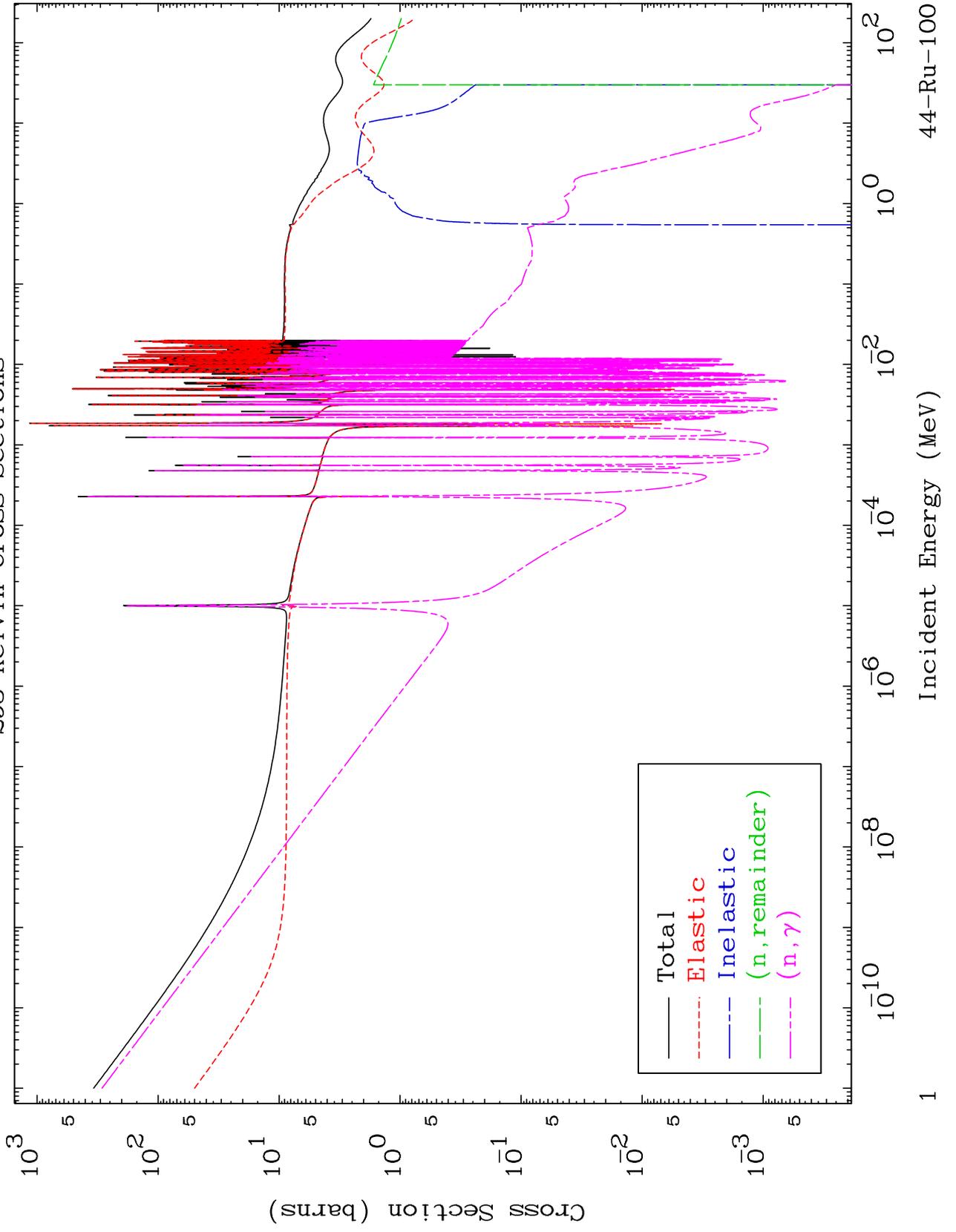
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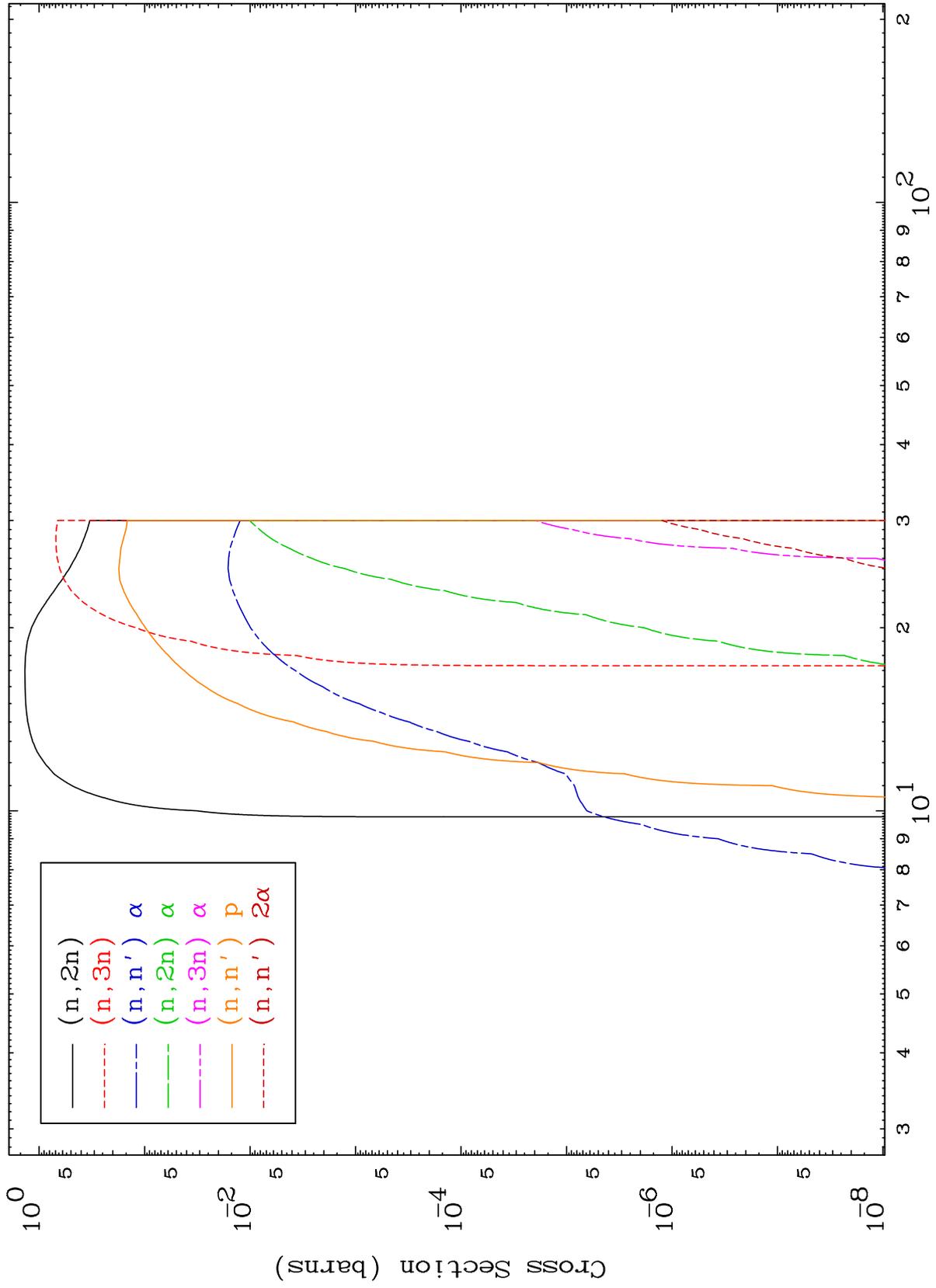
MAT 4437

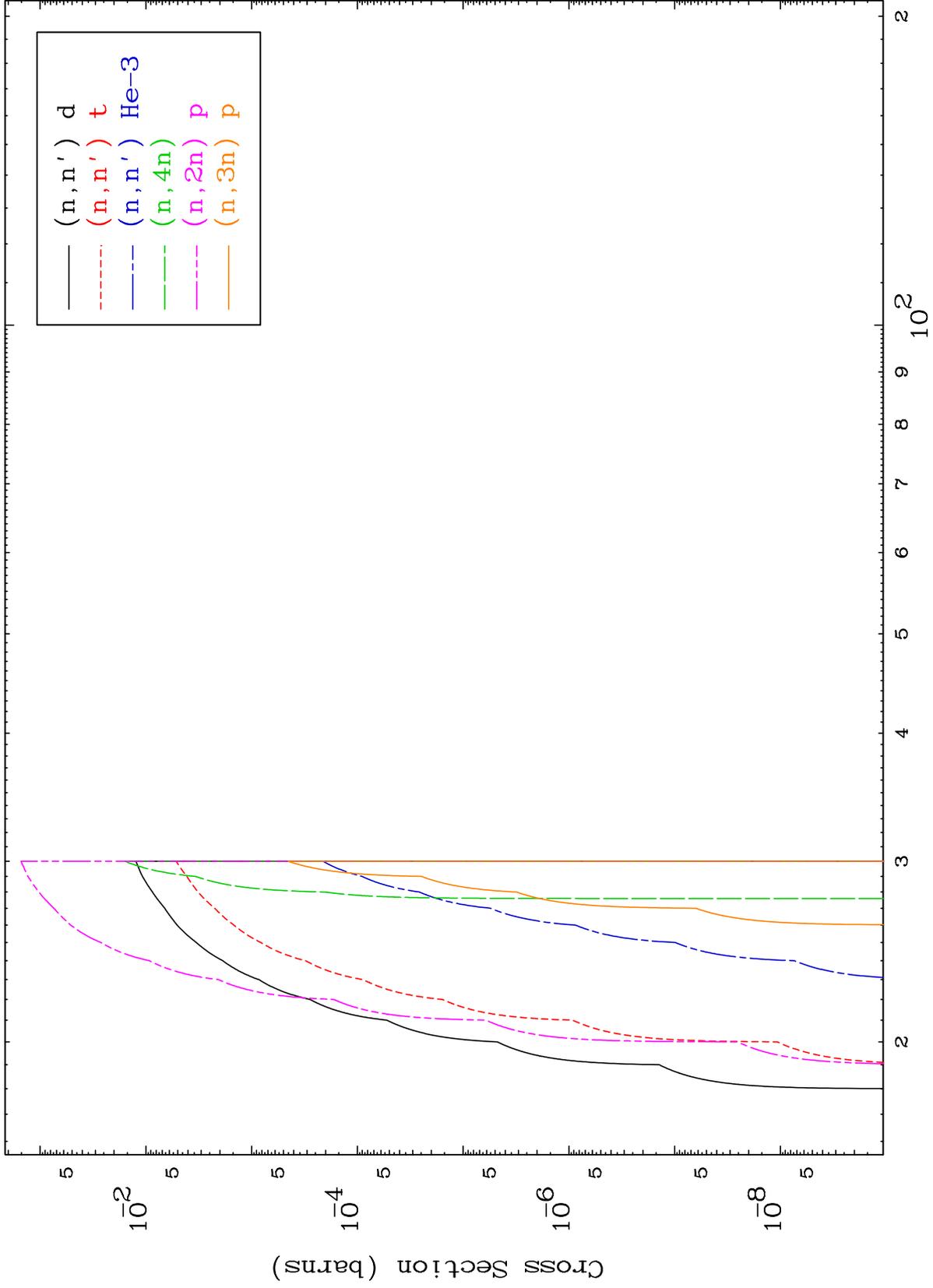
Major

293 Kelvin Cross Sections

44-Ru-100



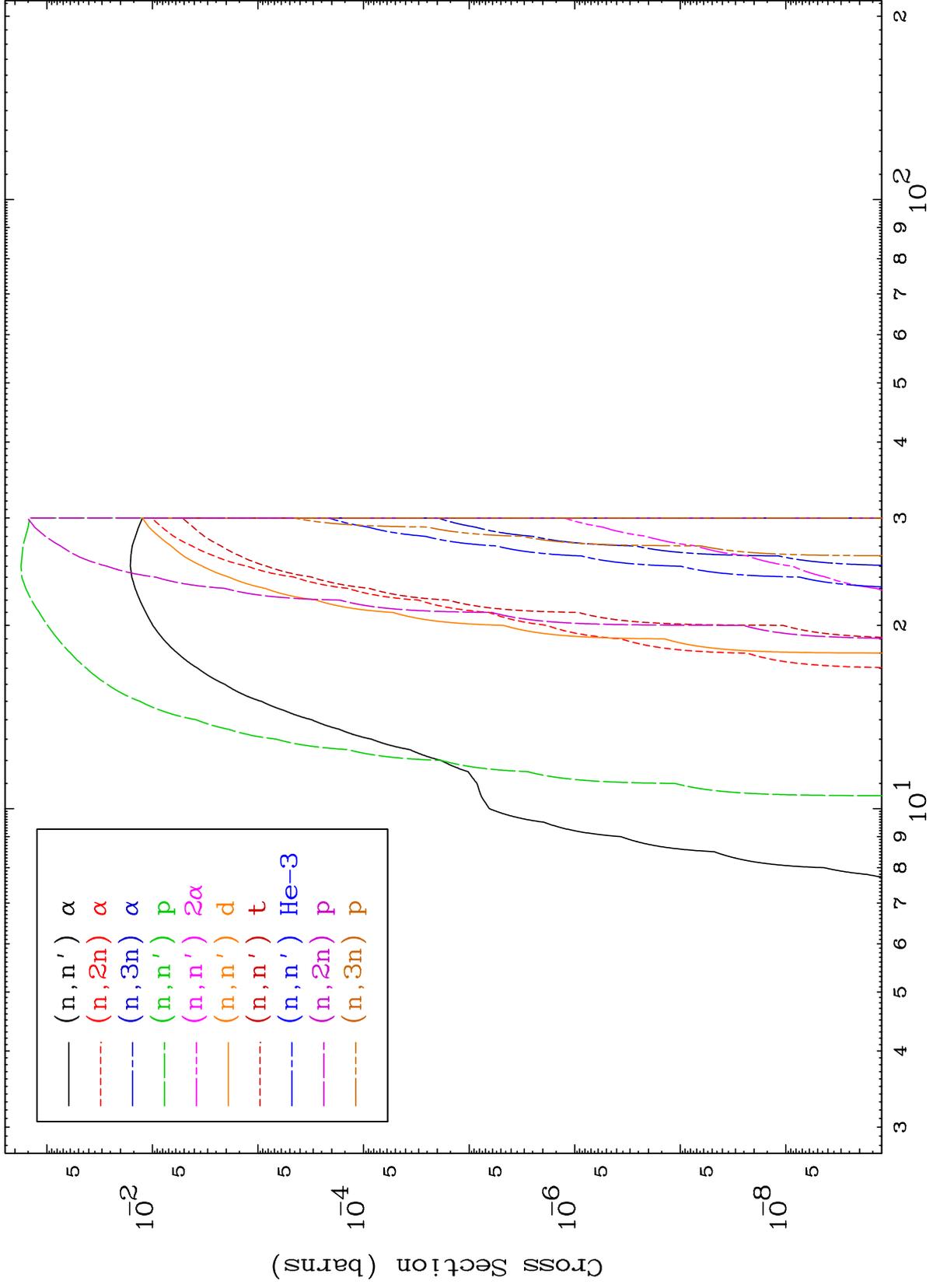




MAT 4437

Charged Particle
293 Kelvin Cross Sections

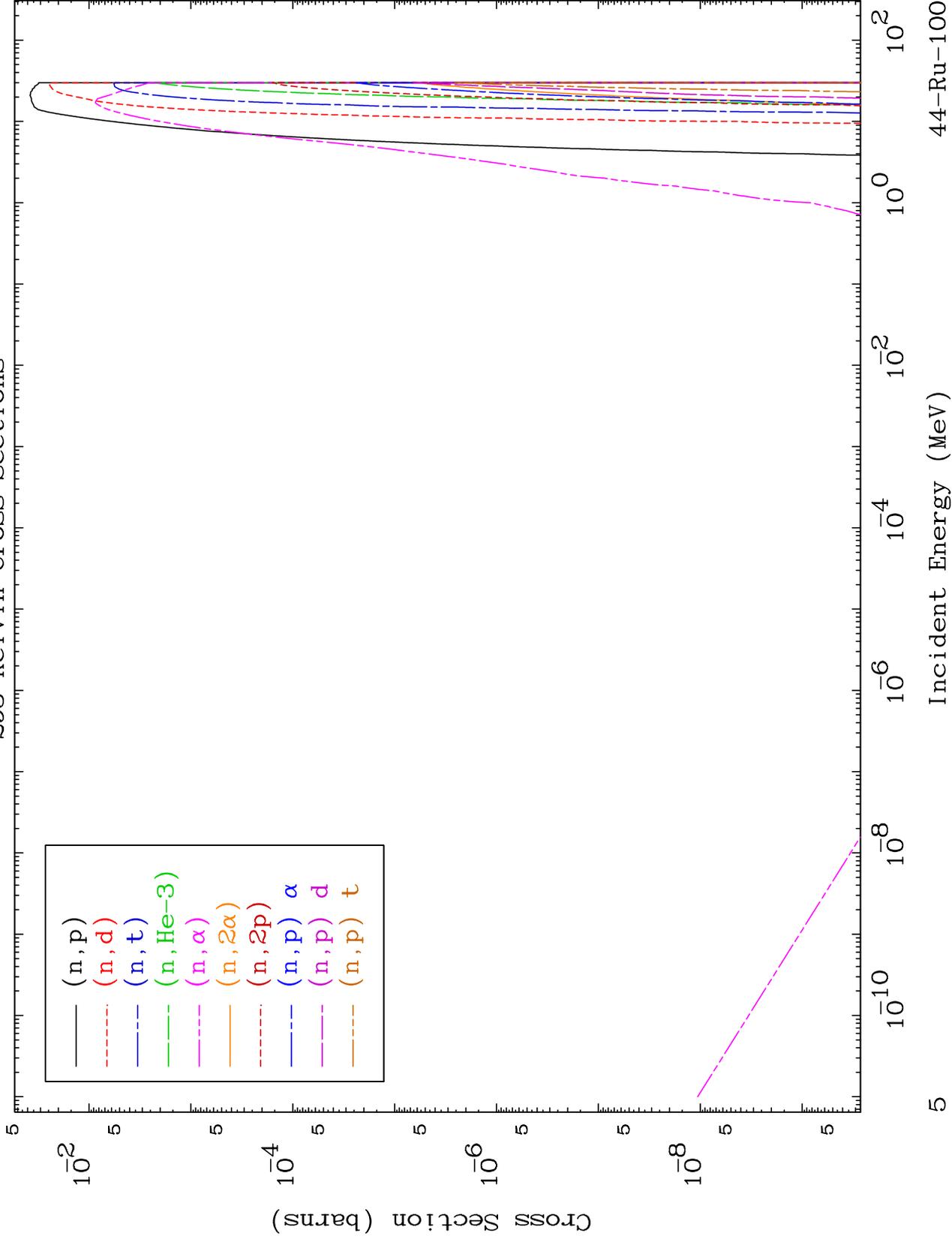
44-Ru-100



MAT 4437

Charged Particle
293 Kelvin Cross Sections

44-Ru-100



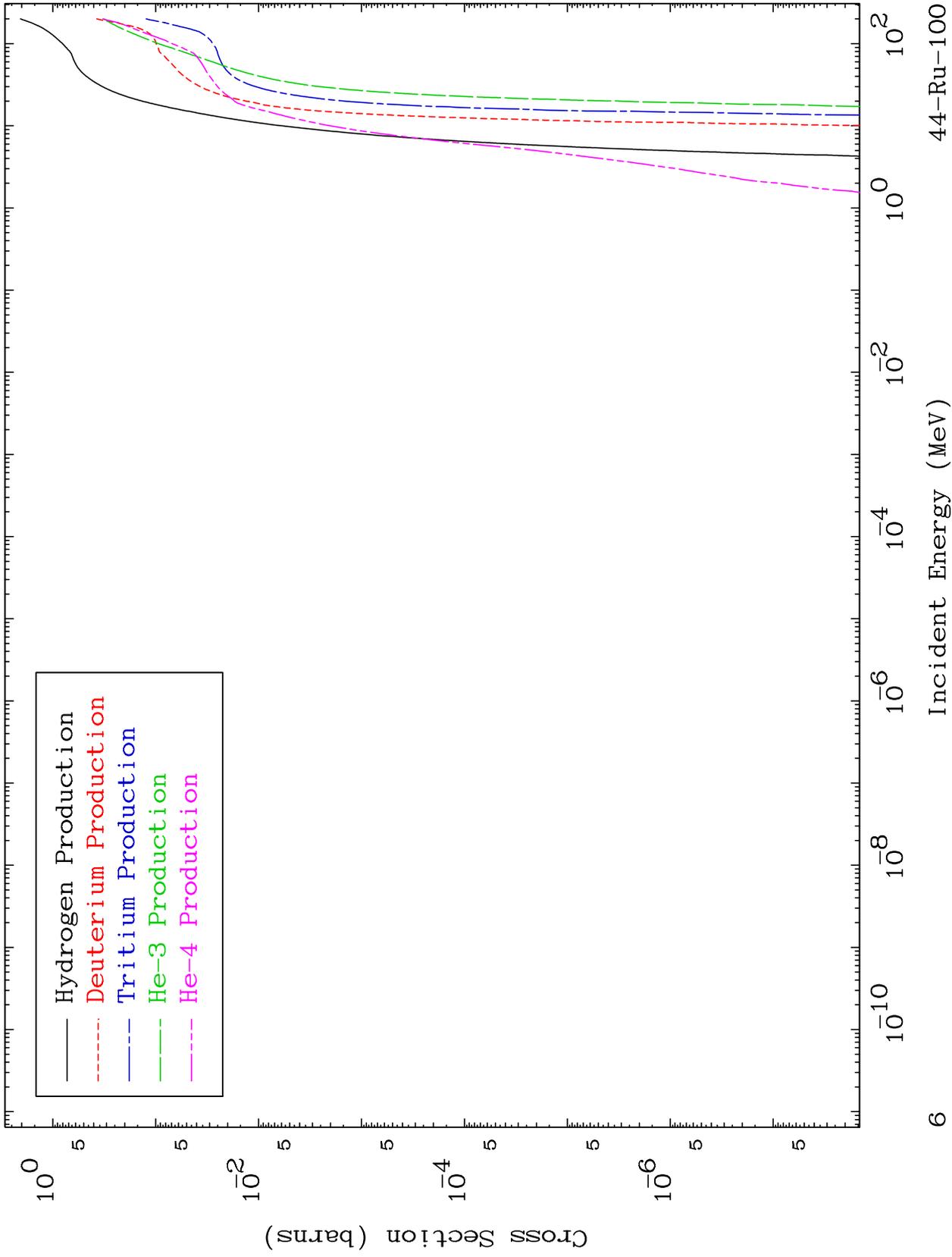
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44-Ru-100

MAT 4437

Particle Production
293 Kelvin Cross Sections

44-Ru-100

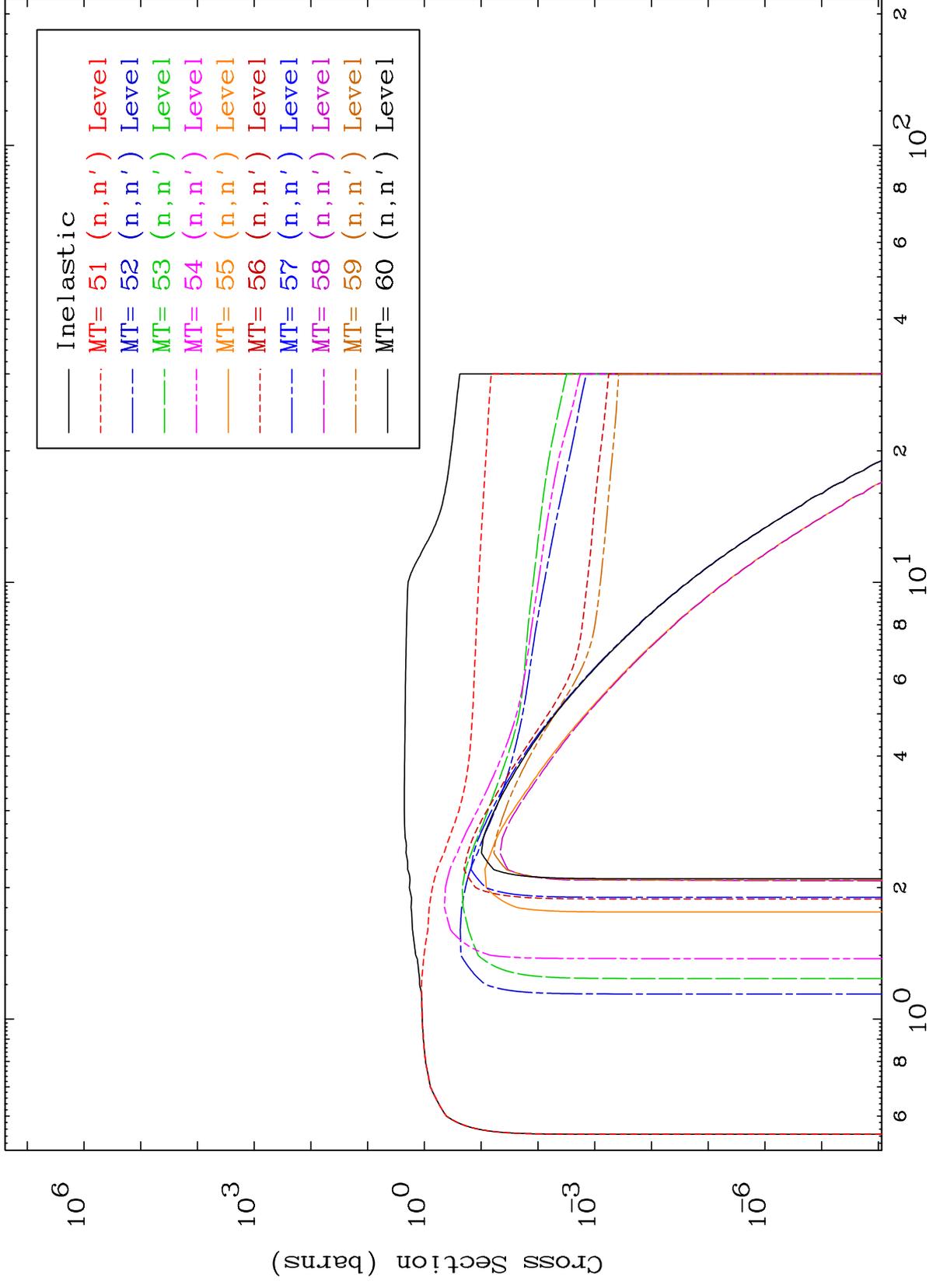


MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections

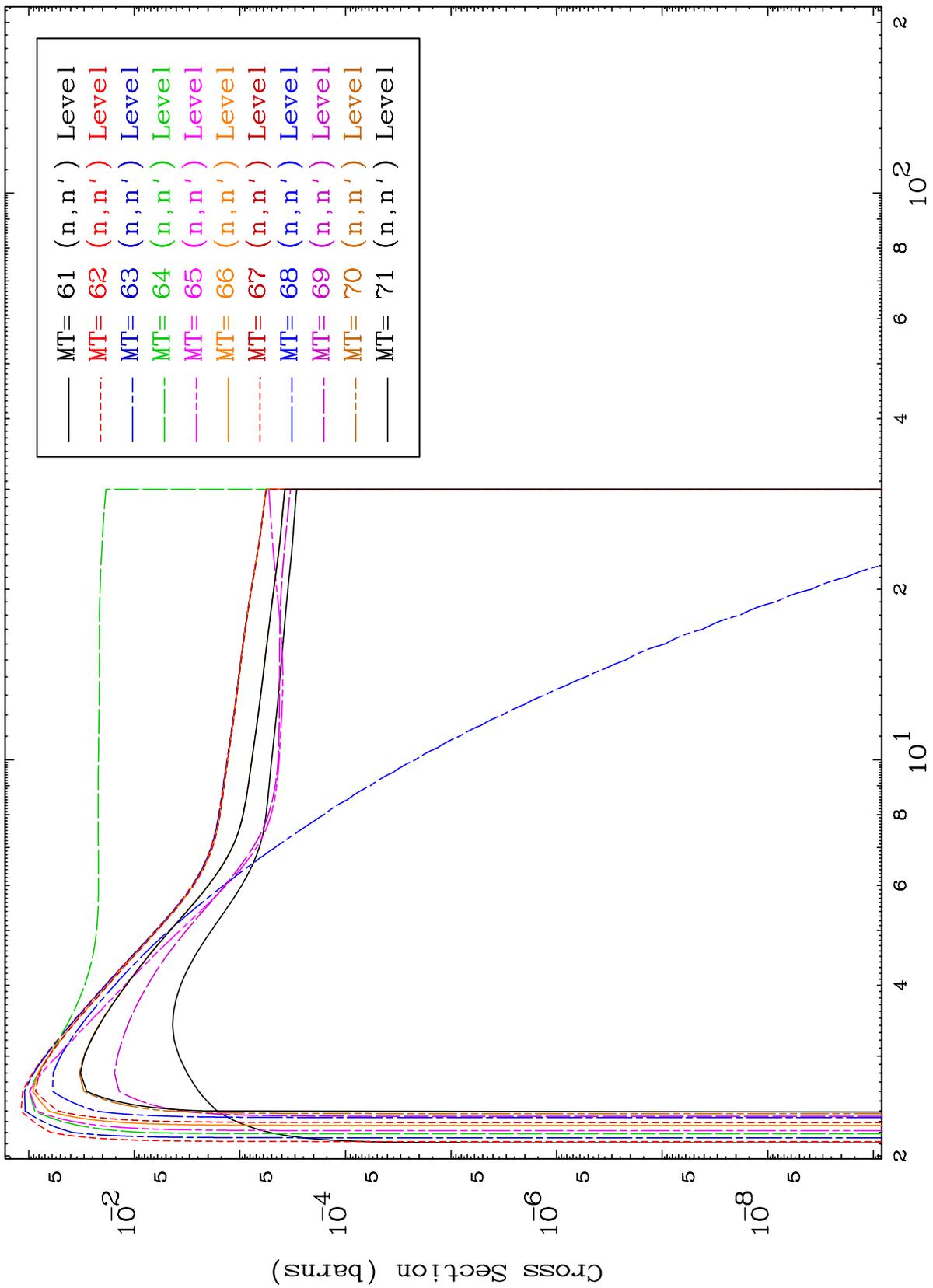


MAT 4437

(n,n') Level

44-Ru-100

293 Kelvin Cross Sections



8

Incident Energy (MeV)

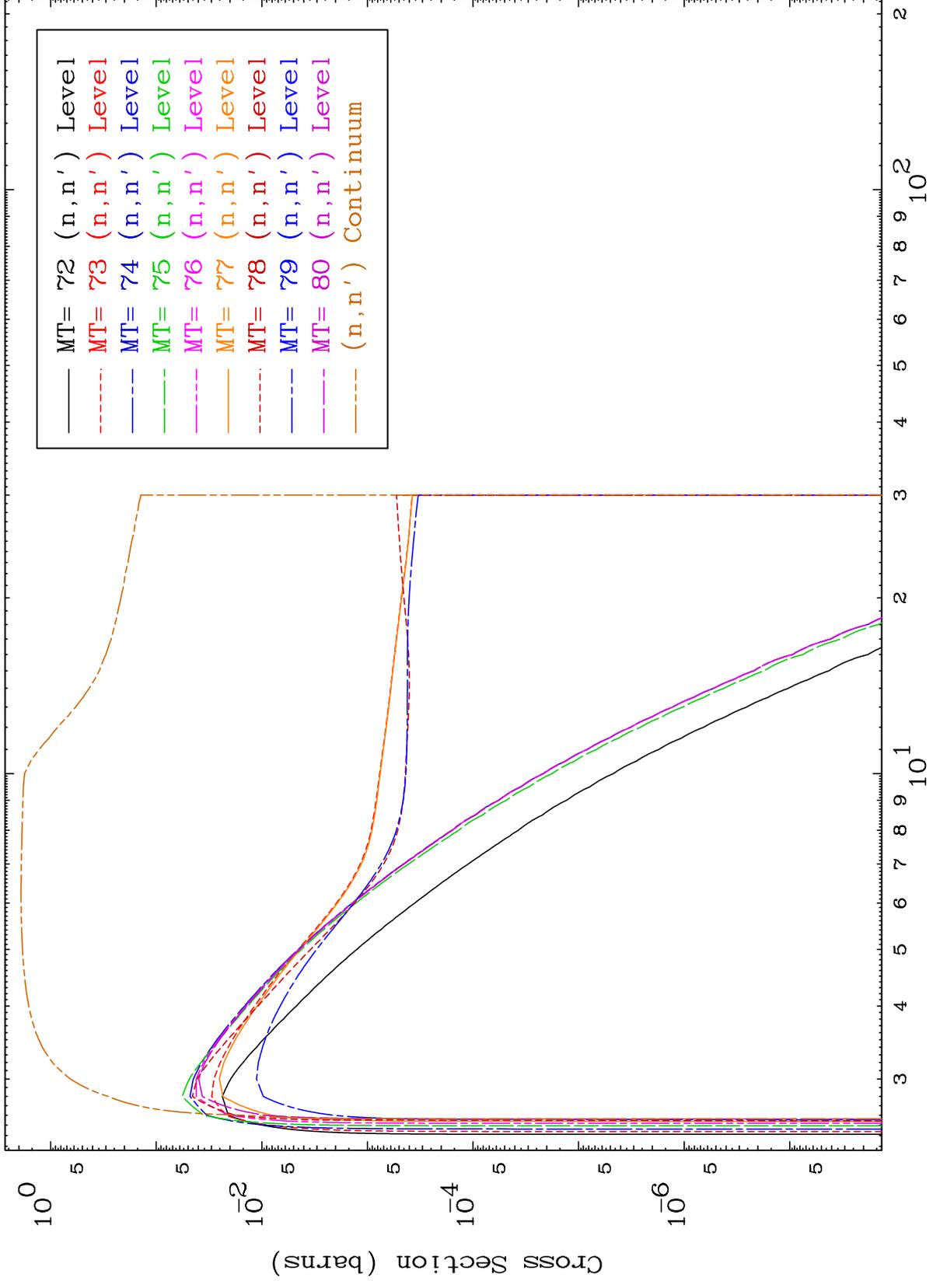
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MAT 4437

(n,n') Level

44-Ru-100

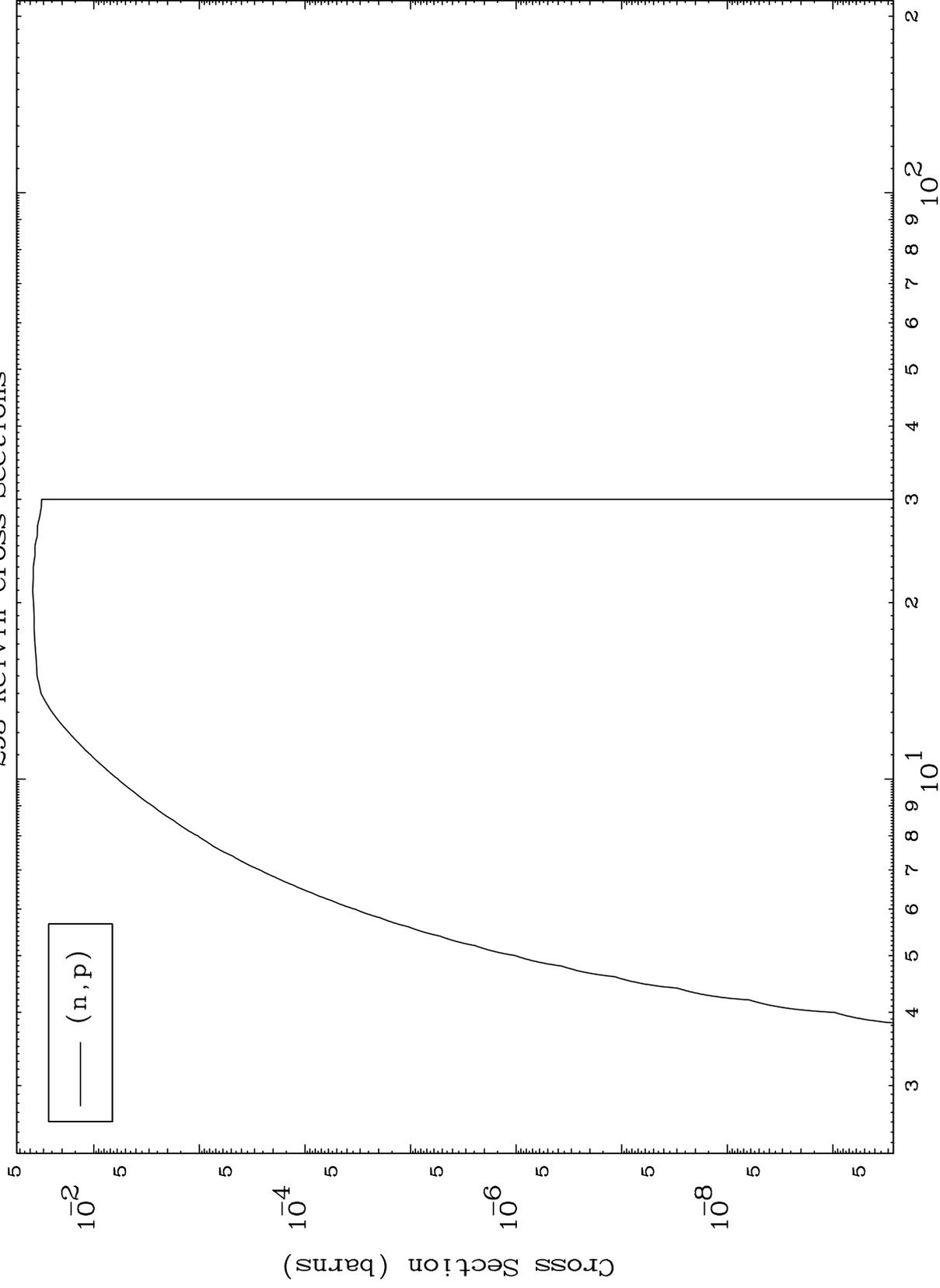
293 Kelvin Cross Sections



MAT 4437

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-100



10

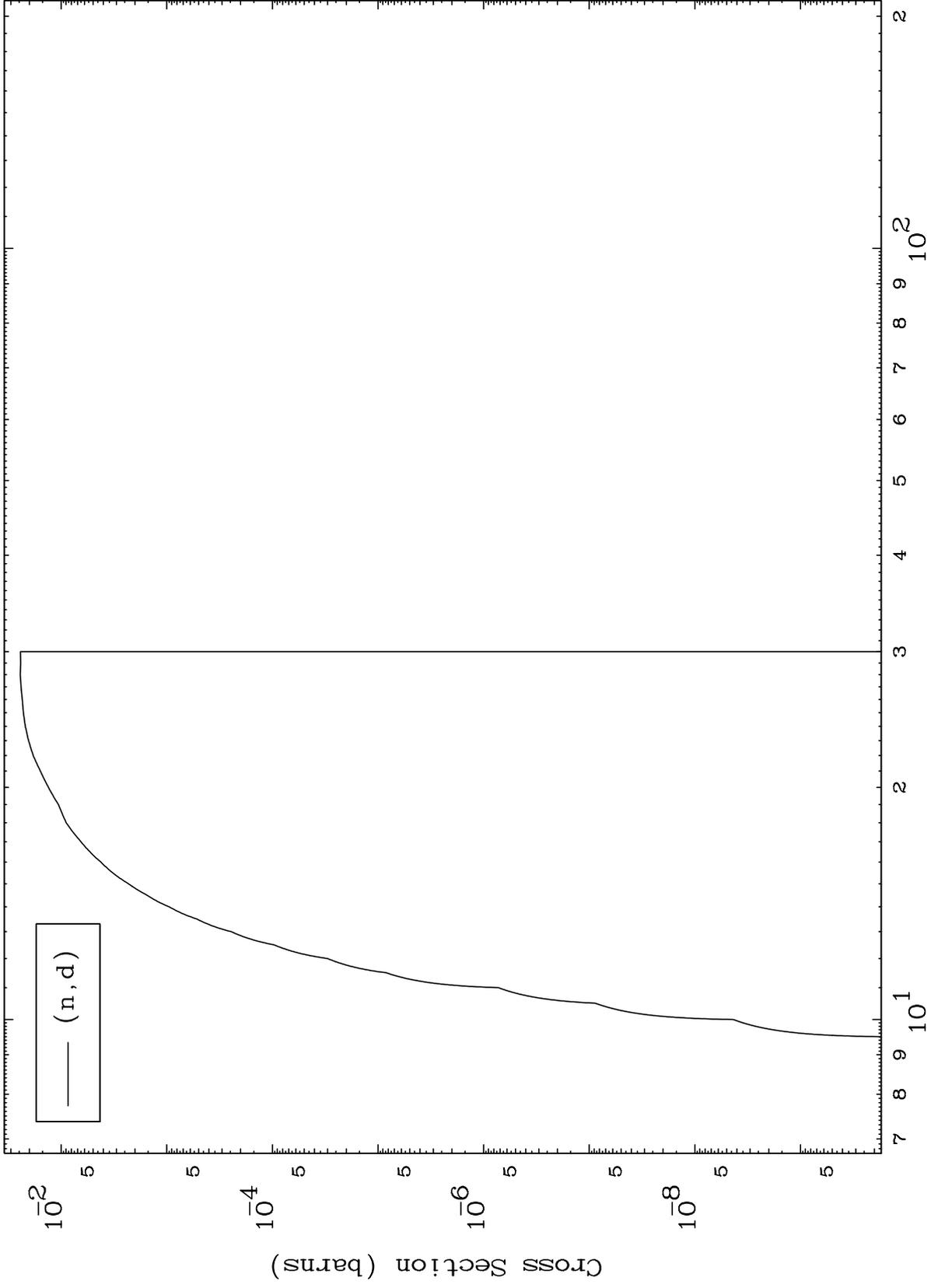
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-100



11

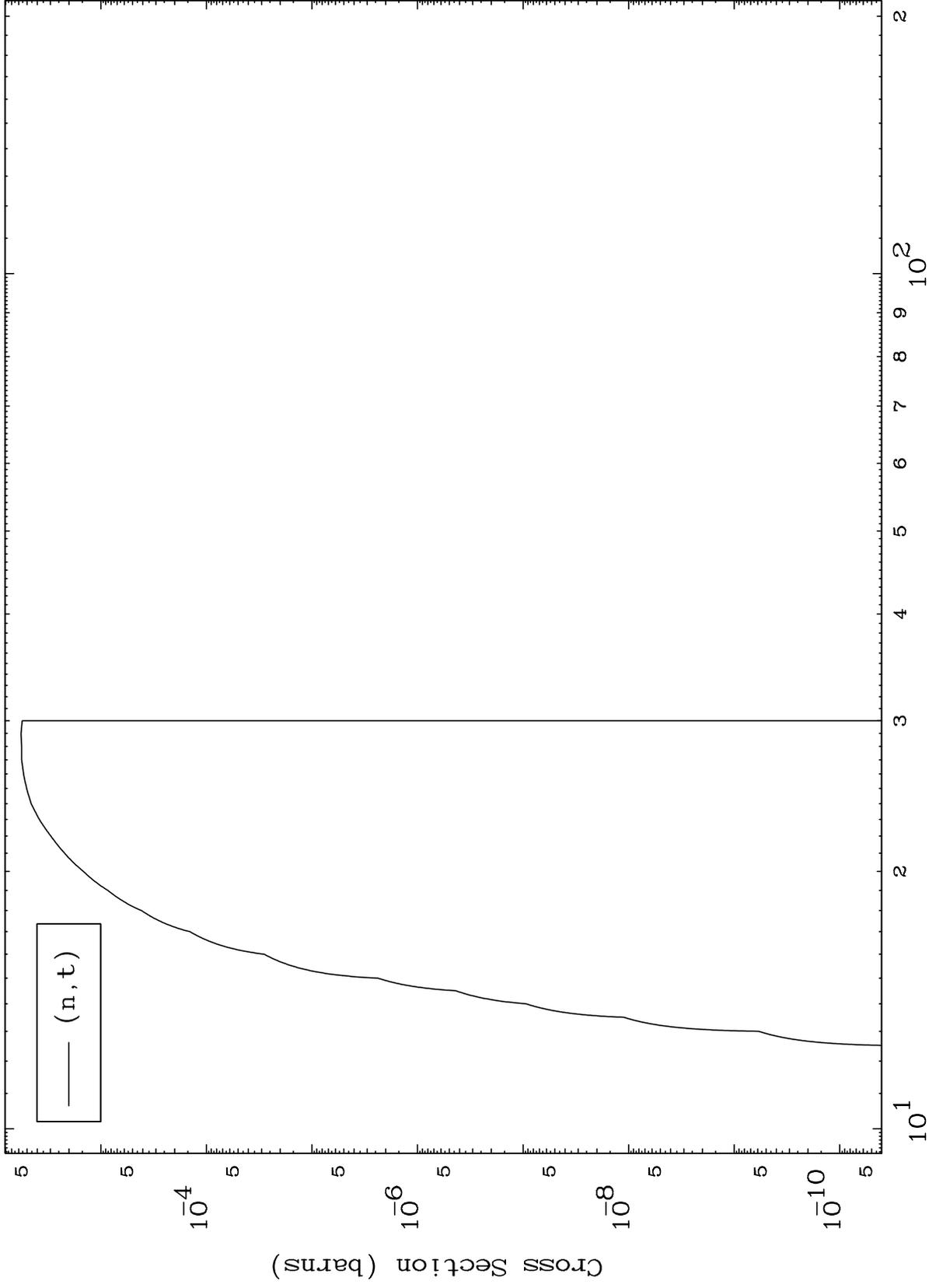
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44-Ru-100

MAT 4437

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-100



12

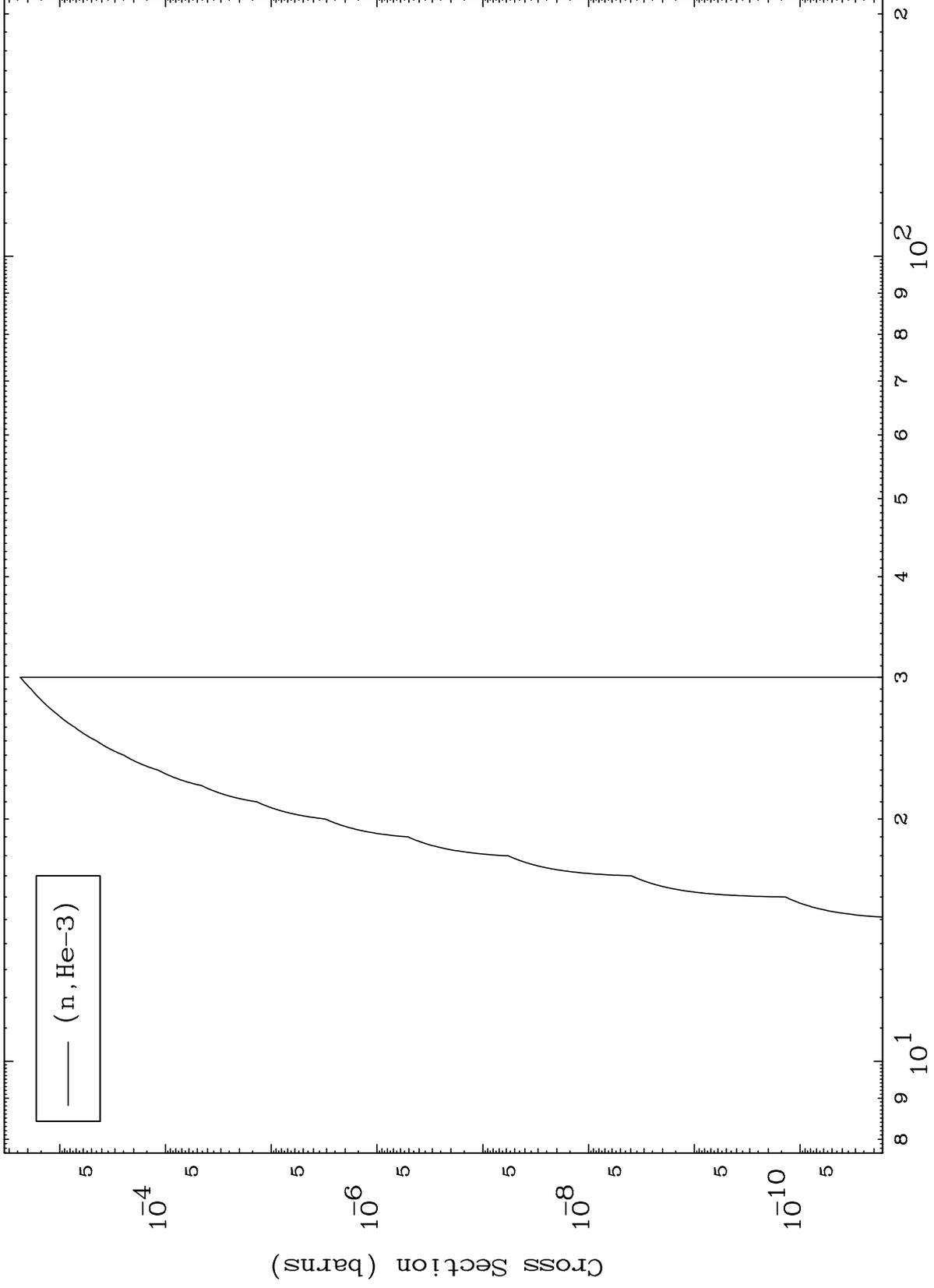
Incident Energy (MeV)

44-Ru-100

MAT 4437

(n,He3) Levels
293 Kelvin Cross Sections

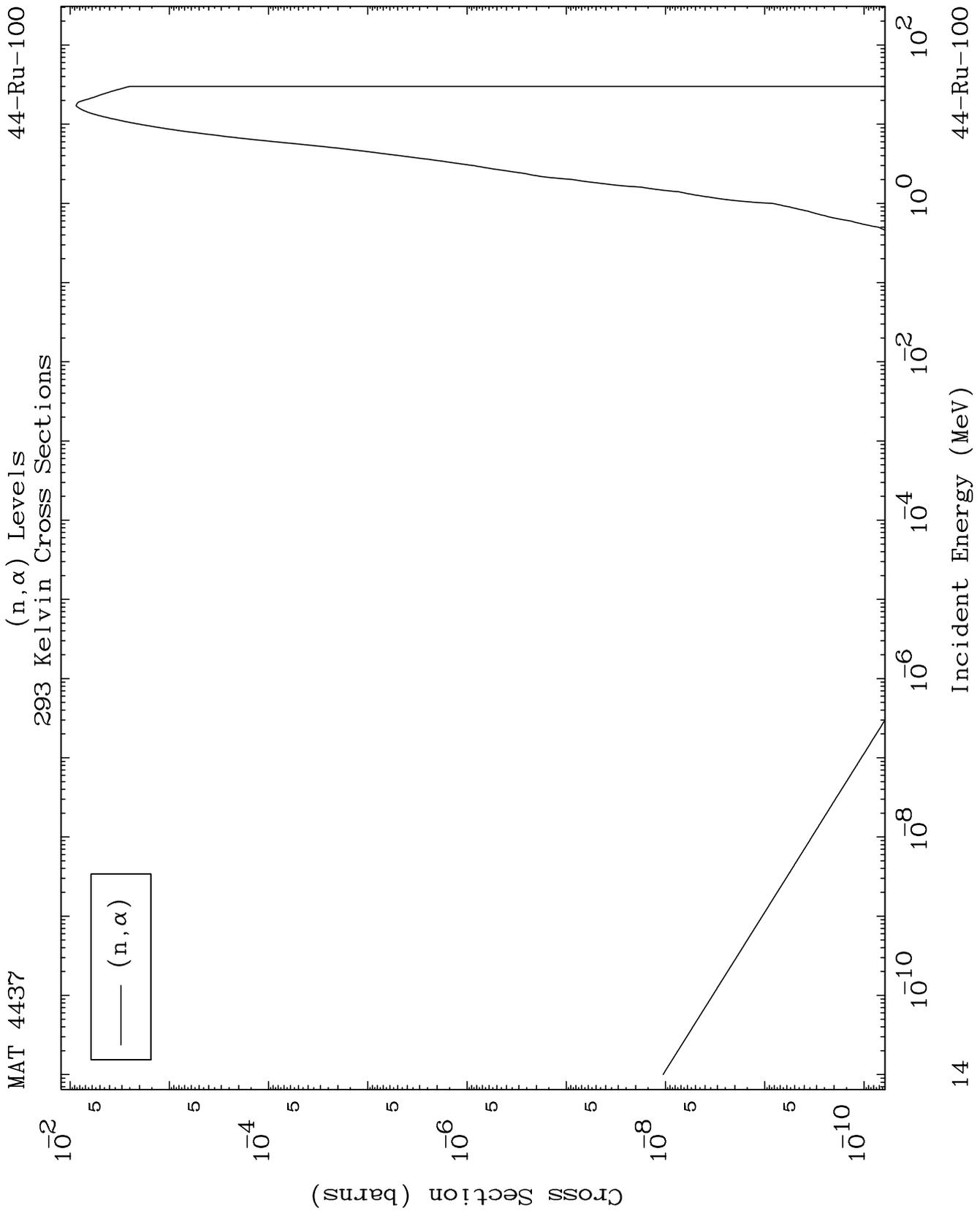
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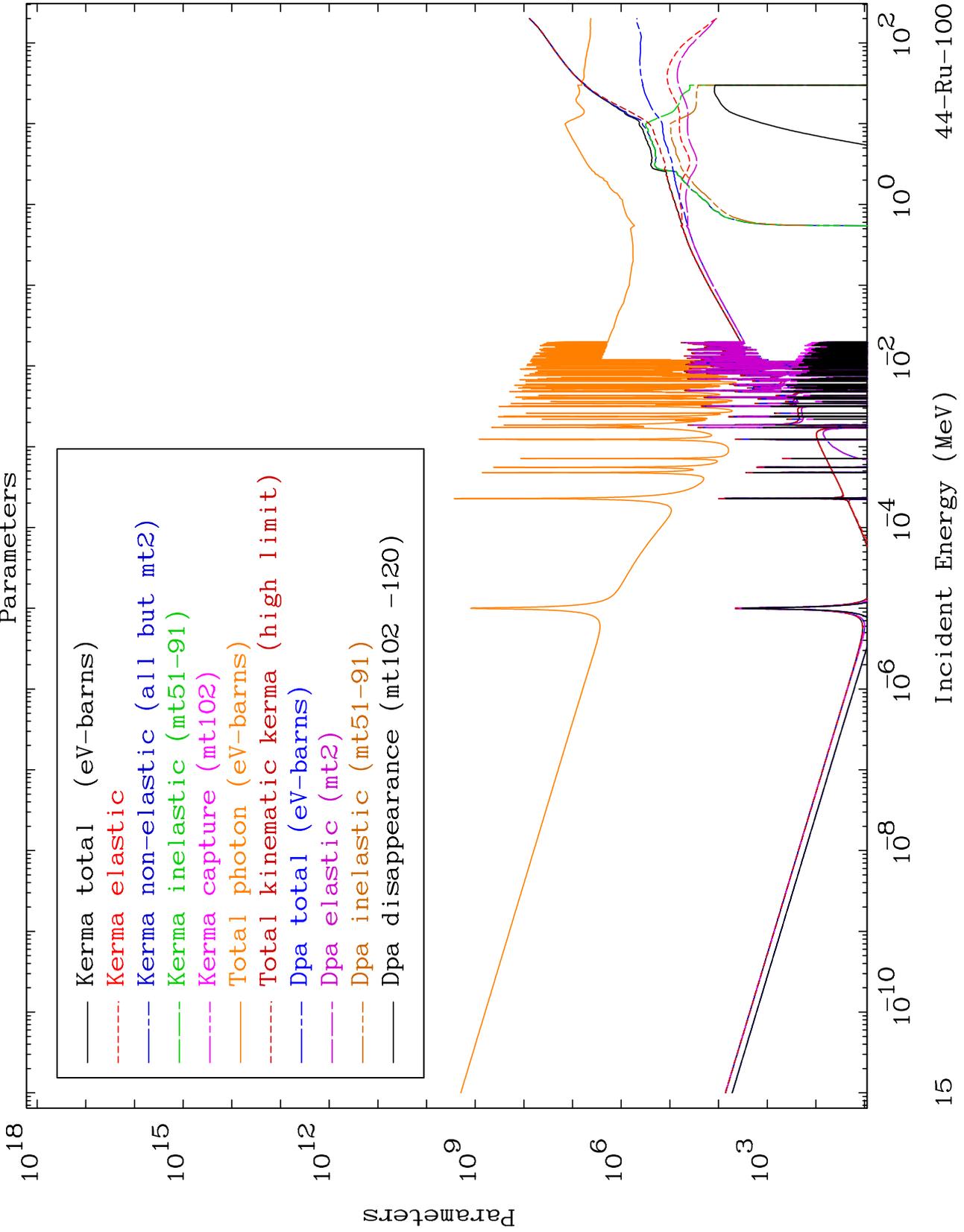


13

Incident Energy (MeV)

44-Ru-100

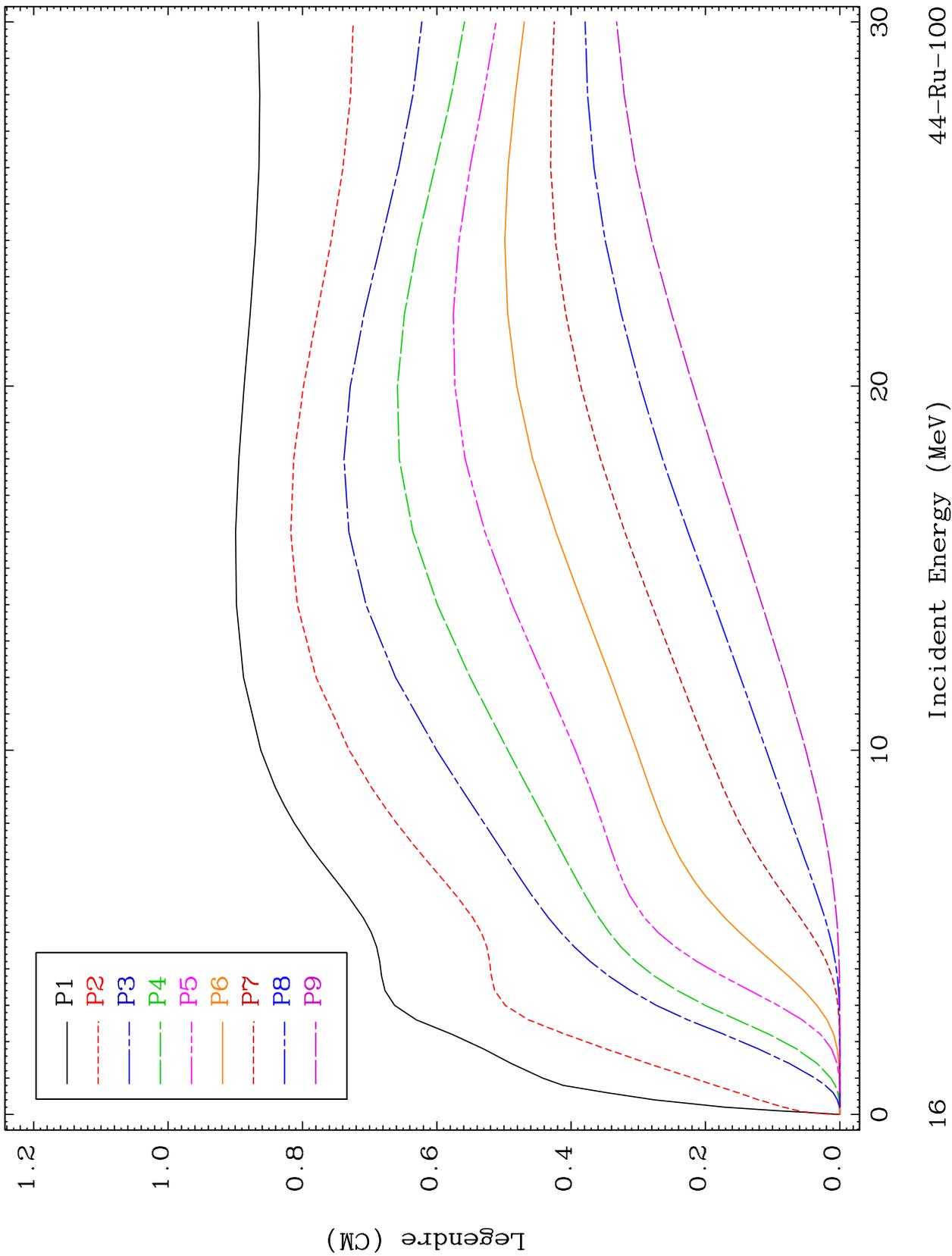




MAT 4437

Elastic Legendre Coefficients

44-Ru-100



16

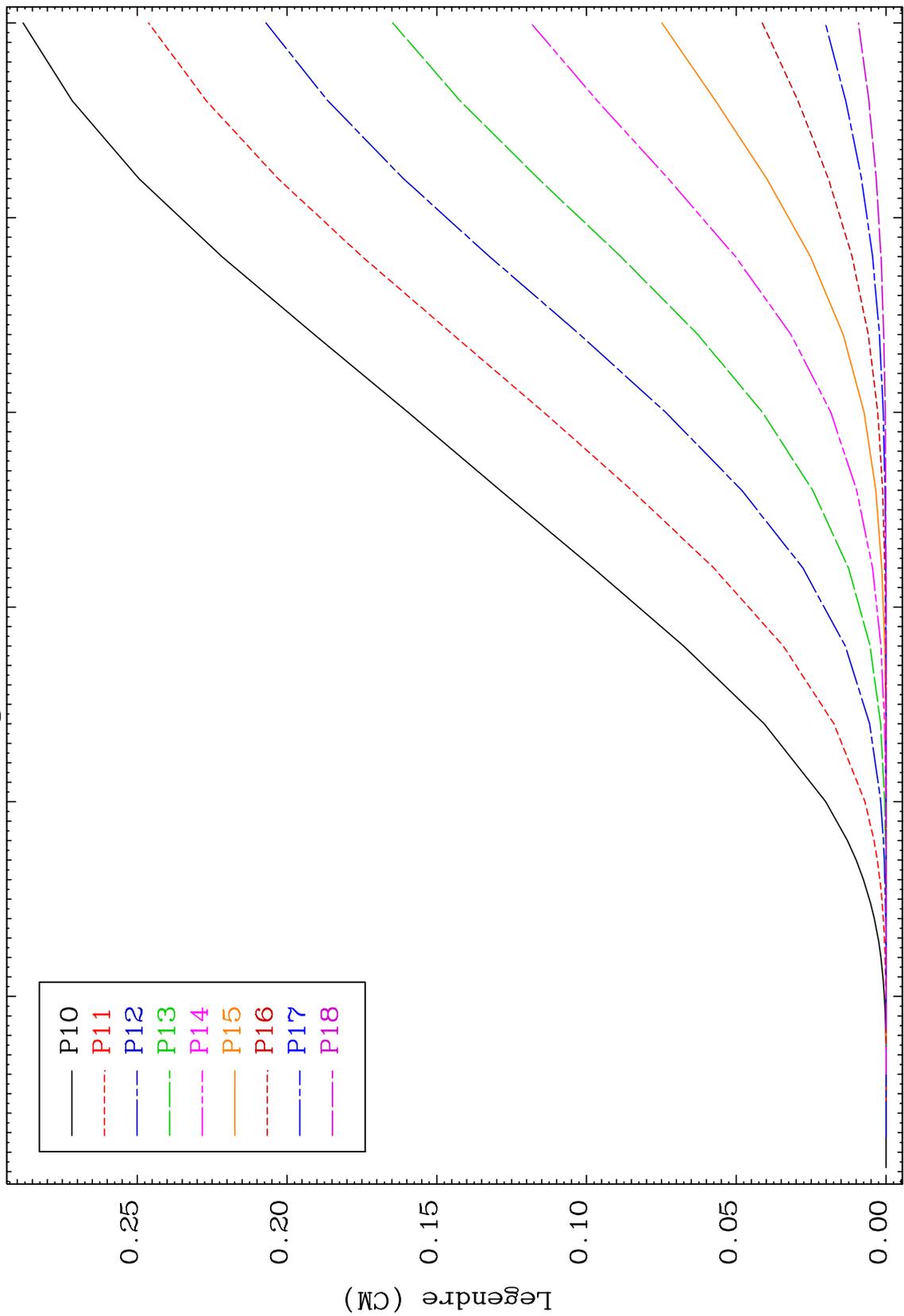
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



17

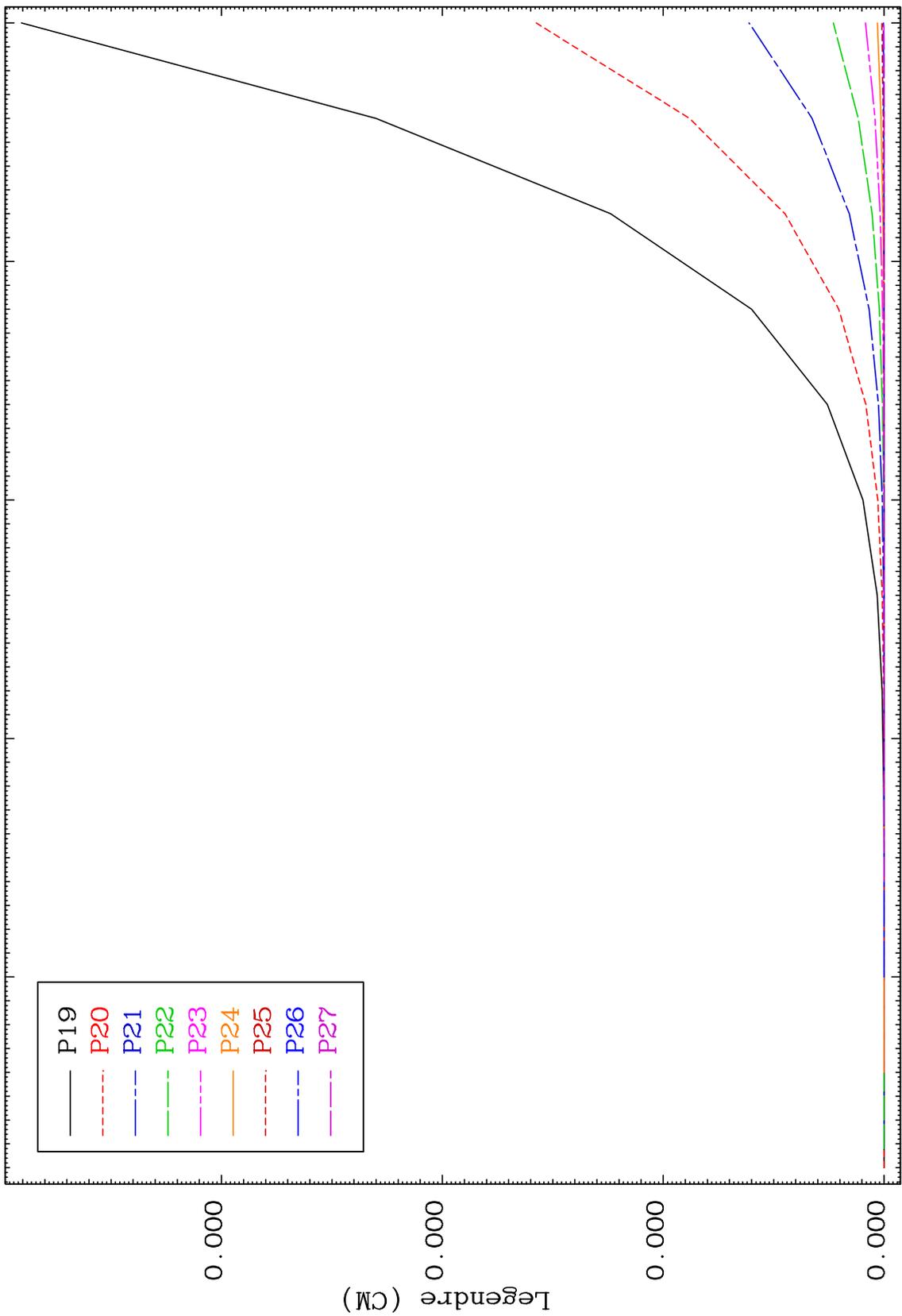
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Incident Energy (MeV)

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



18

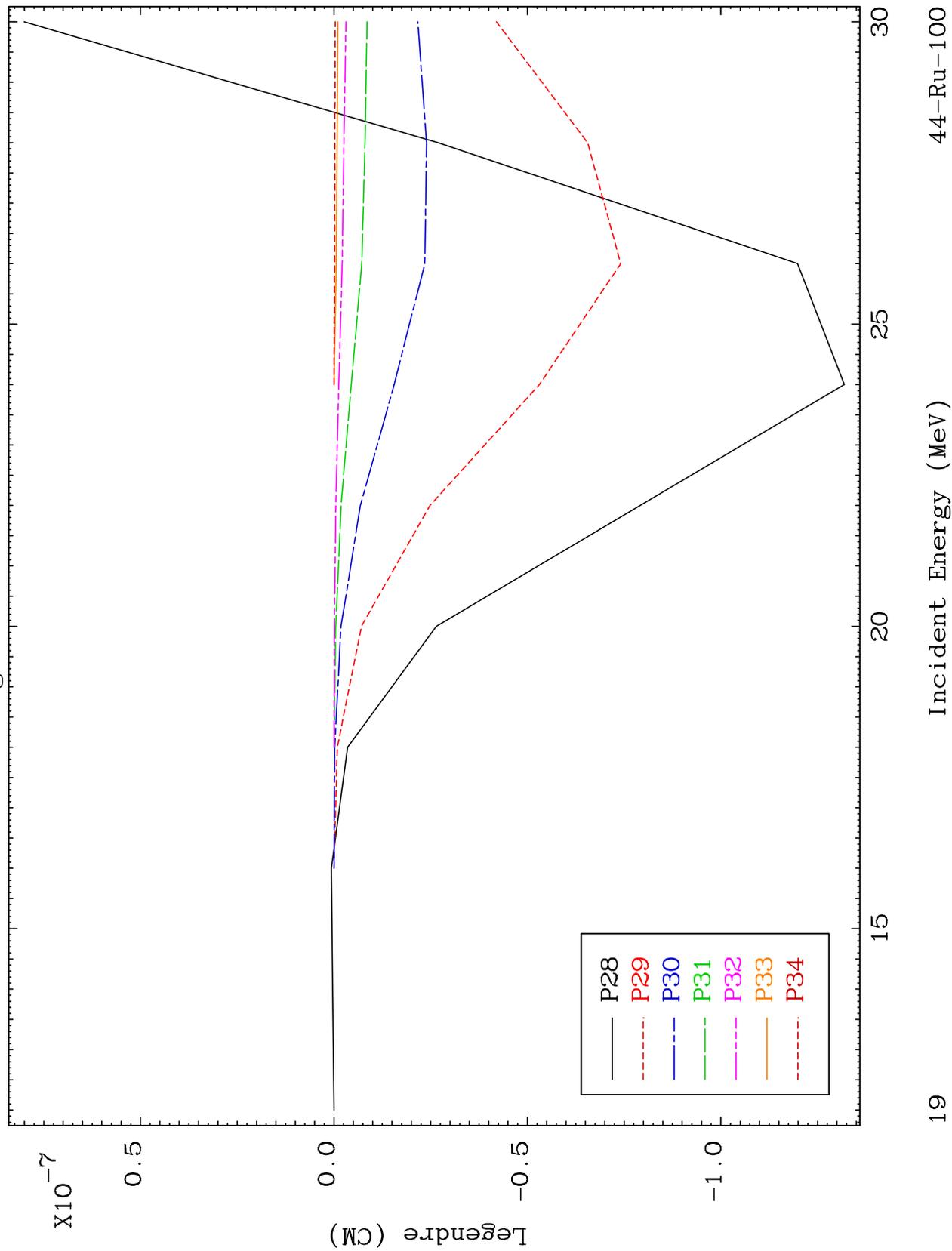
Incident Energy (MeV)

44-Ru-100

MAT 4437

Elastic Legendre Coefficients

44-Ru-100



19

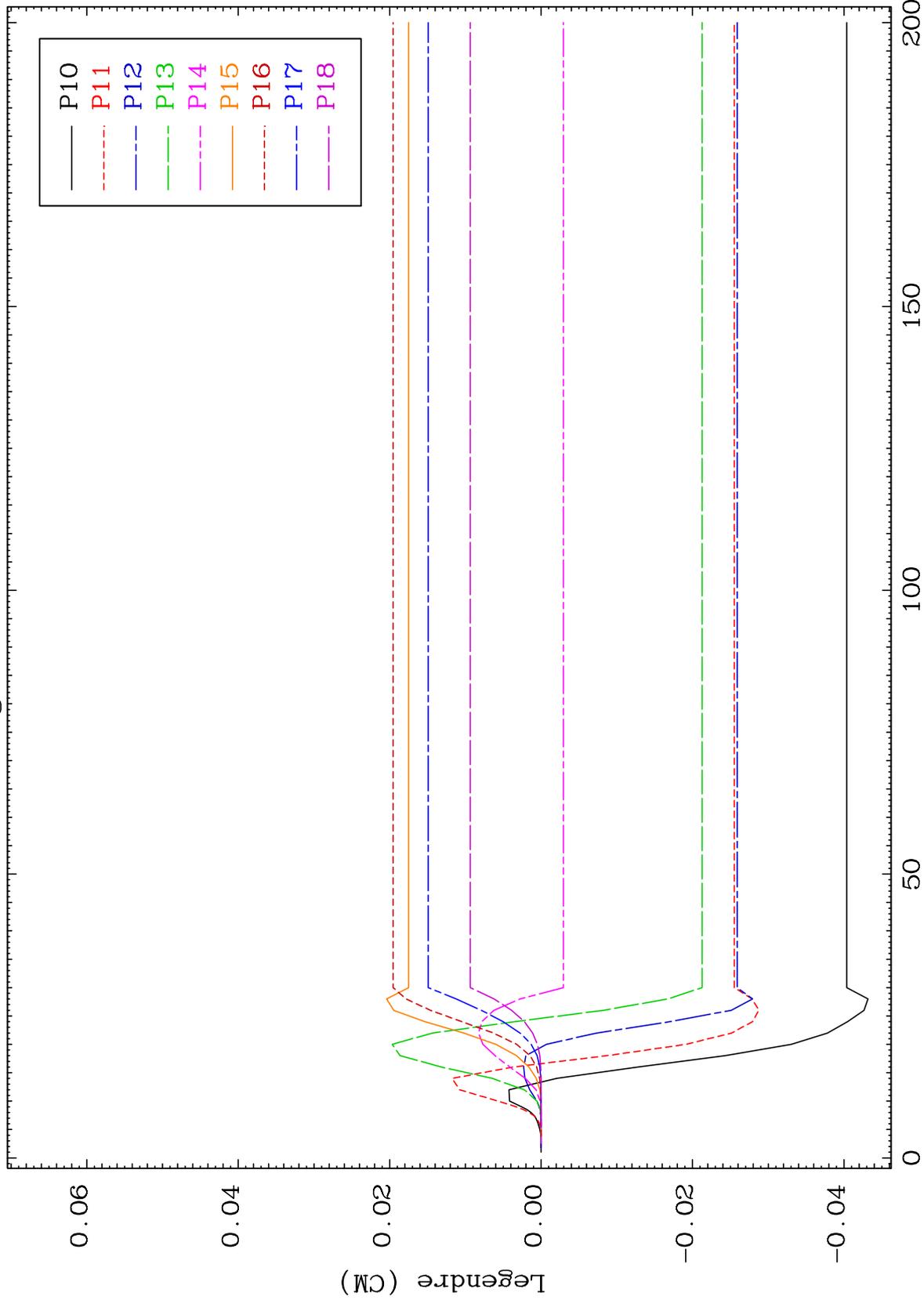
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



21

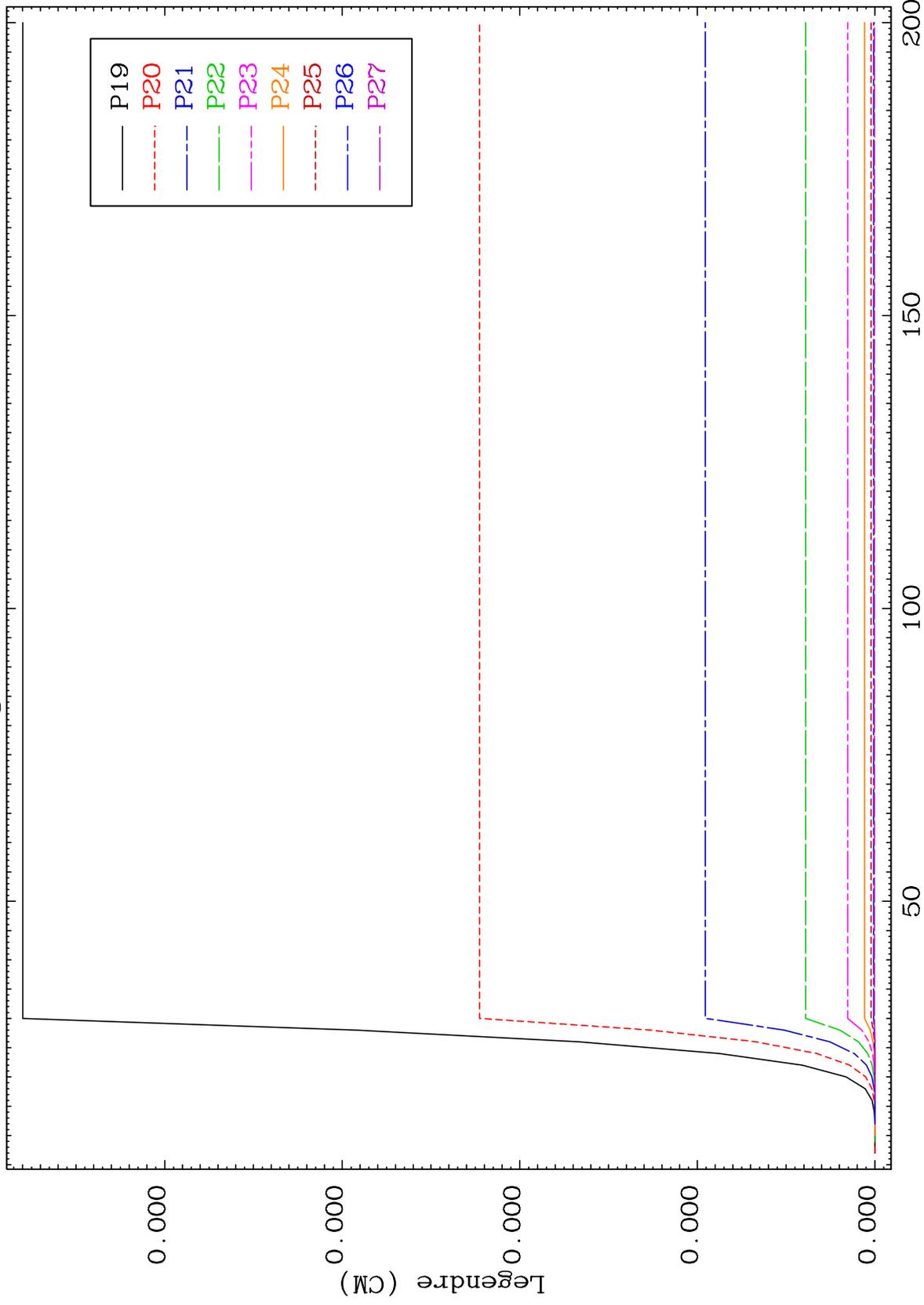
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



22

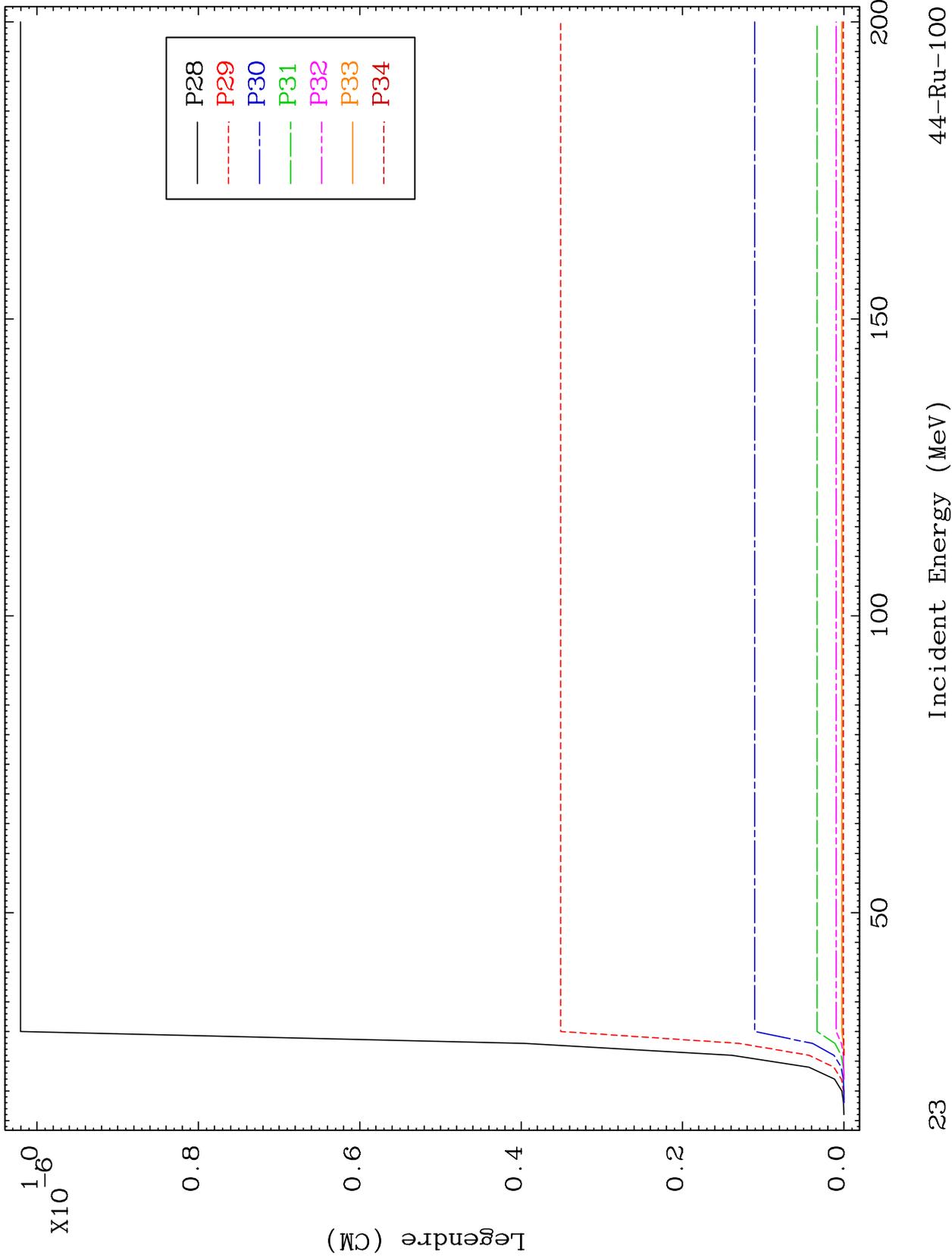
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

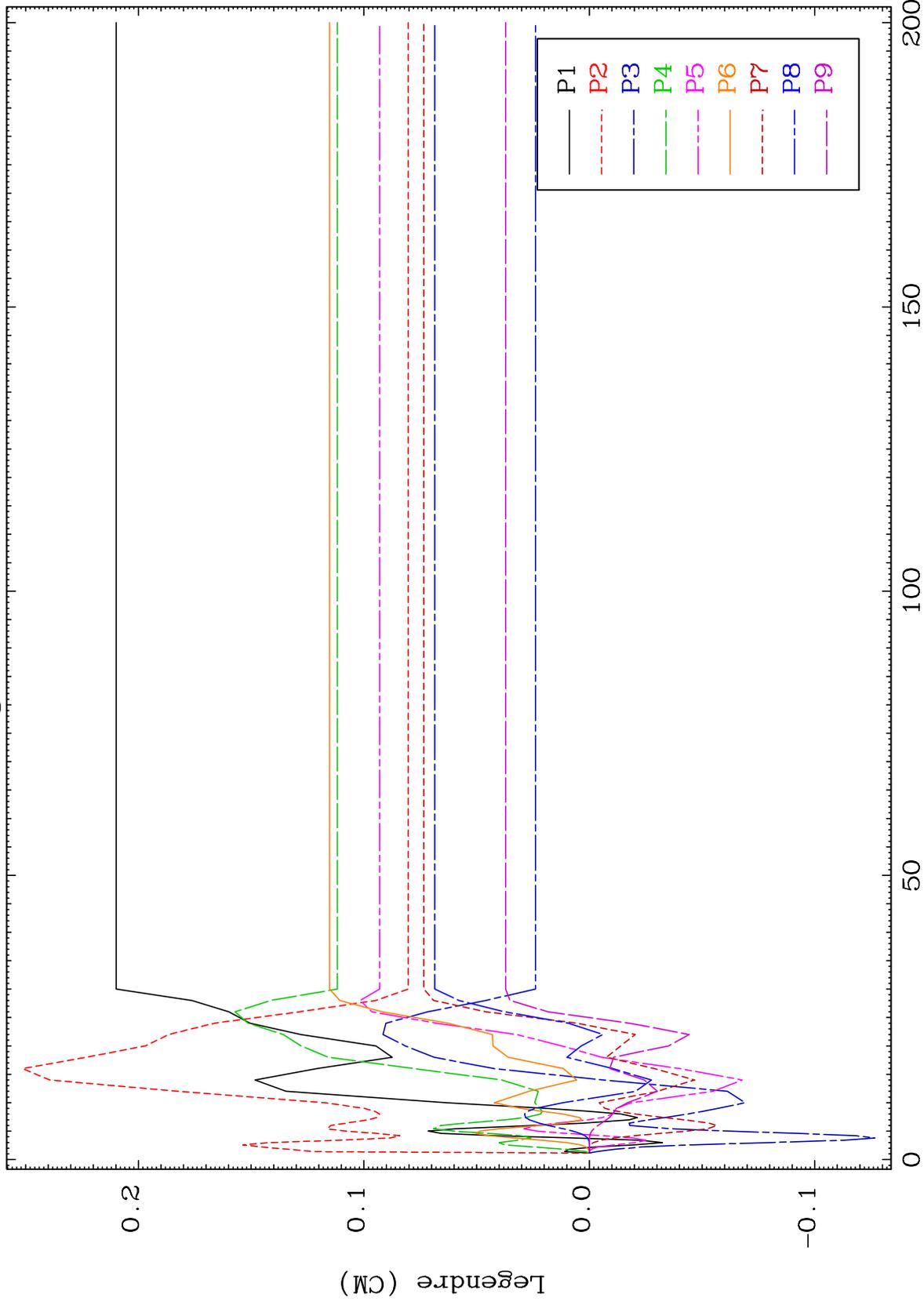


23

MAT 4437

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

44-Ru-100



24

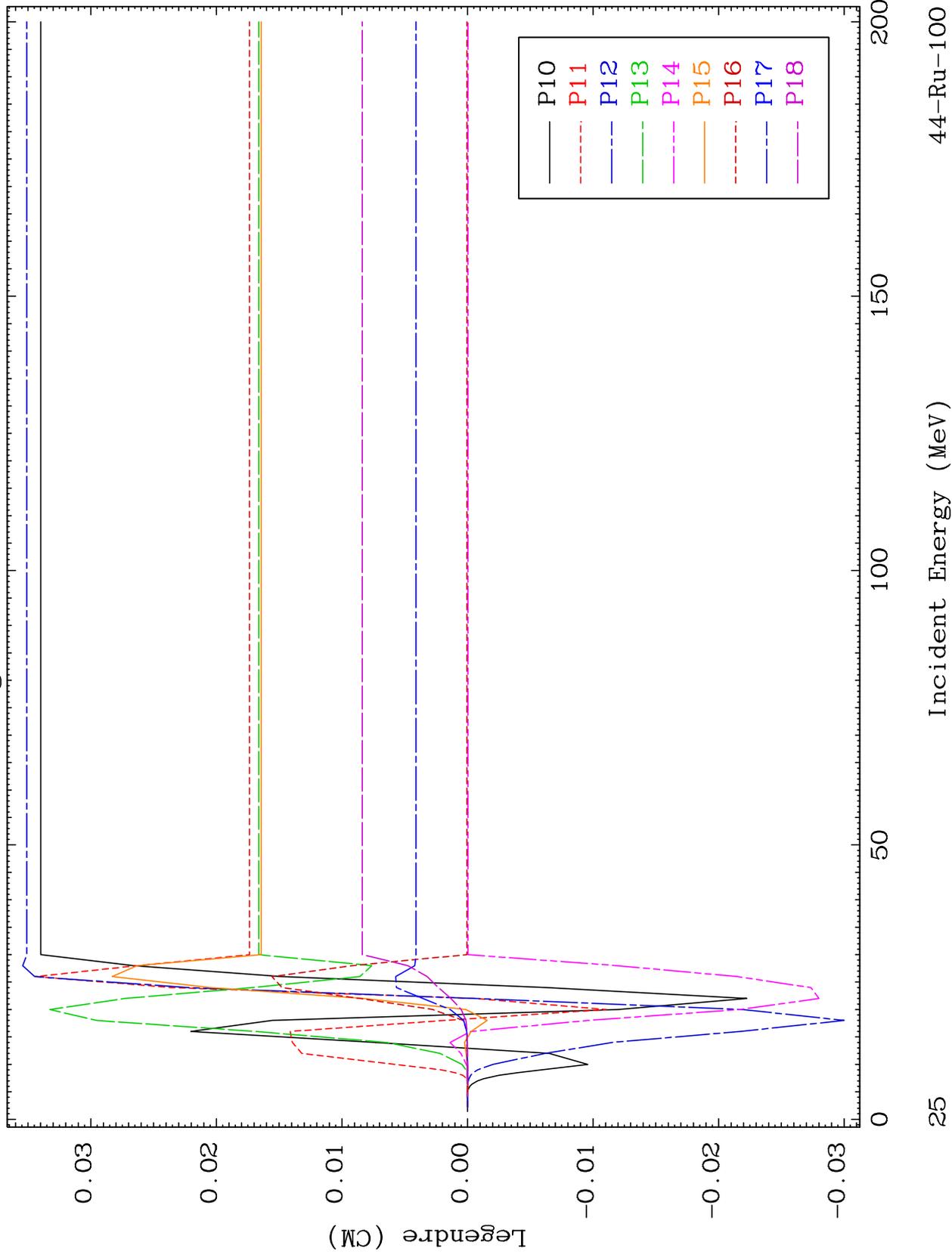
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

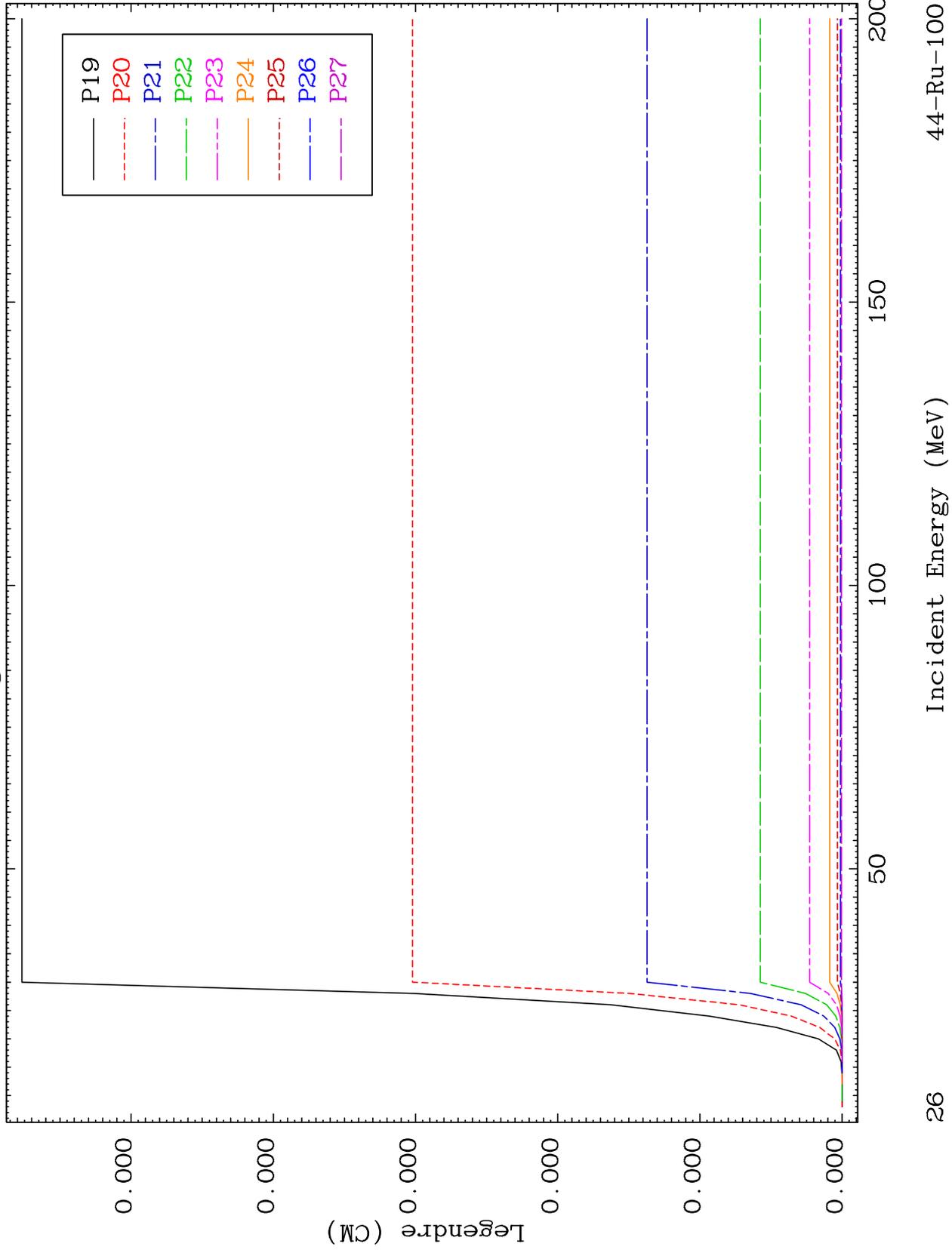
Incident Energy (MeV)

25

MAT 4437

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

44-Ru-100

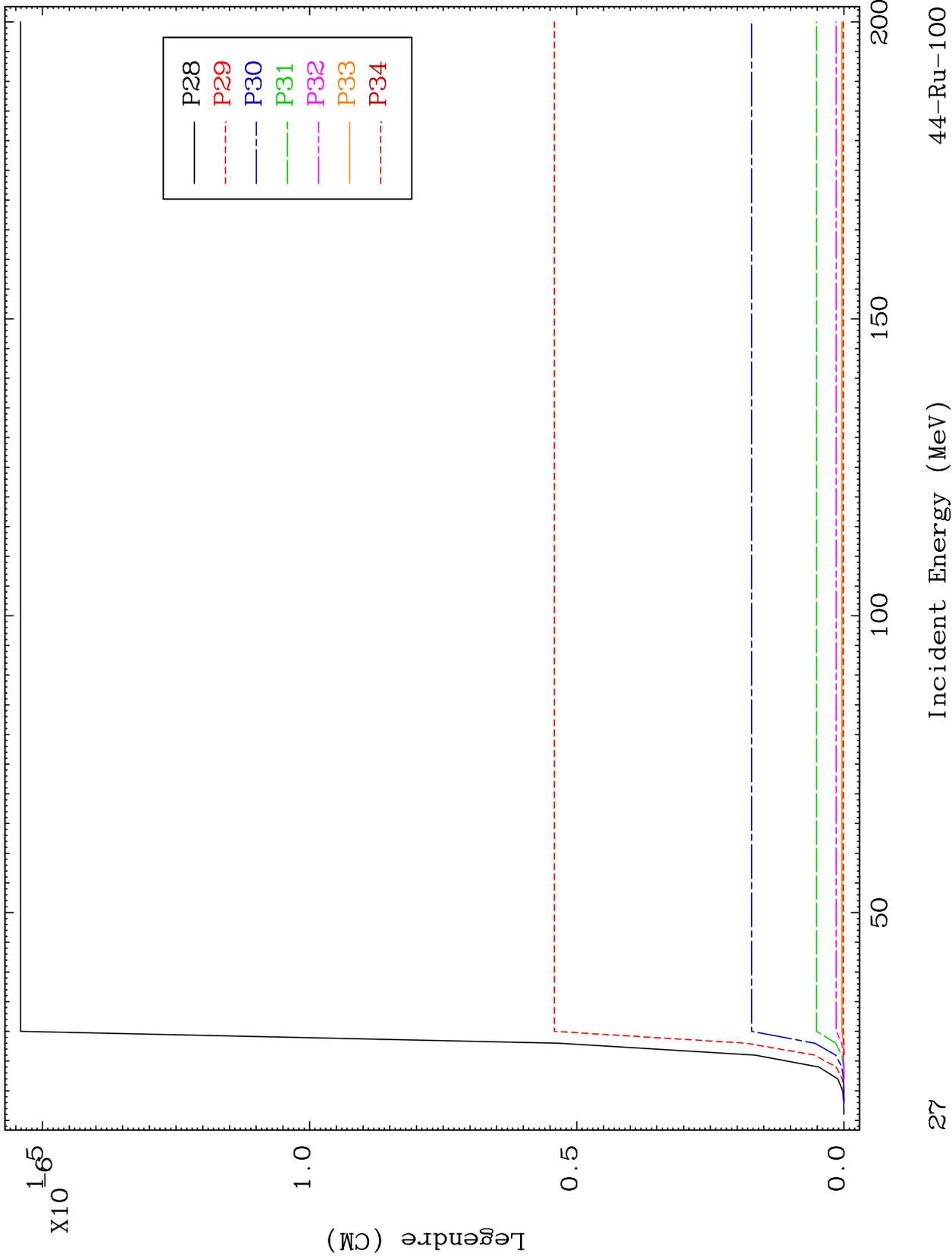


26

MAT 4437

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

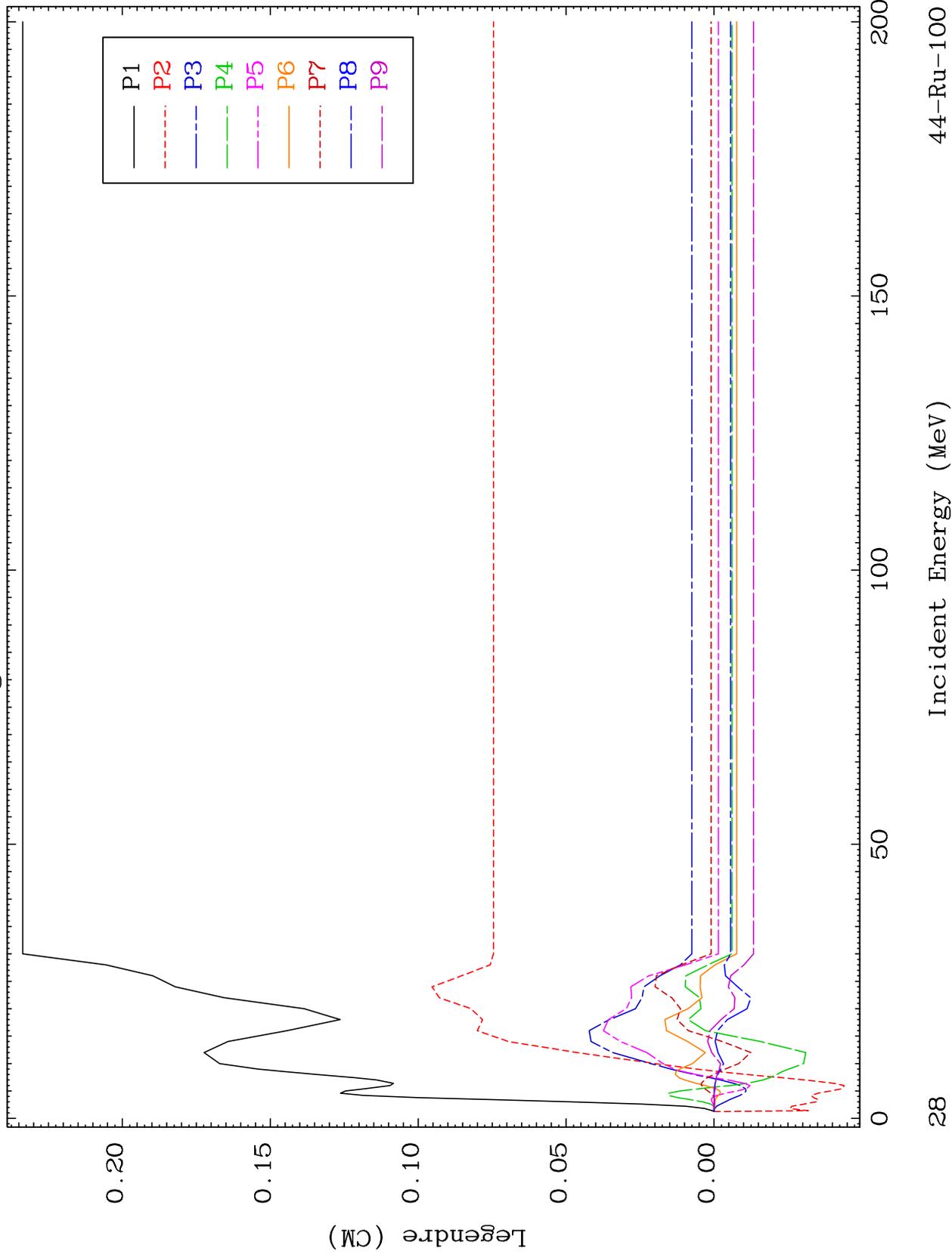
44-Ru-100



MAT 4437

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

44-Ru-100



44-Ru-100

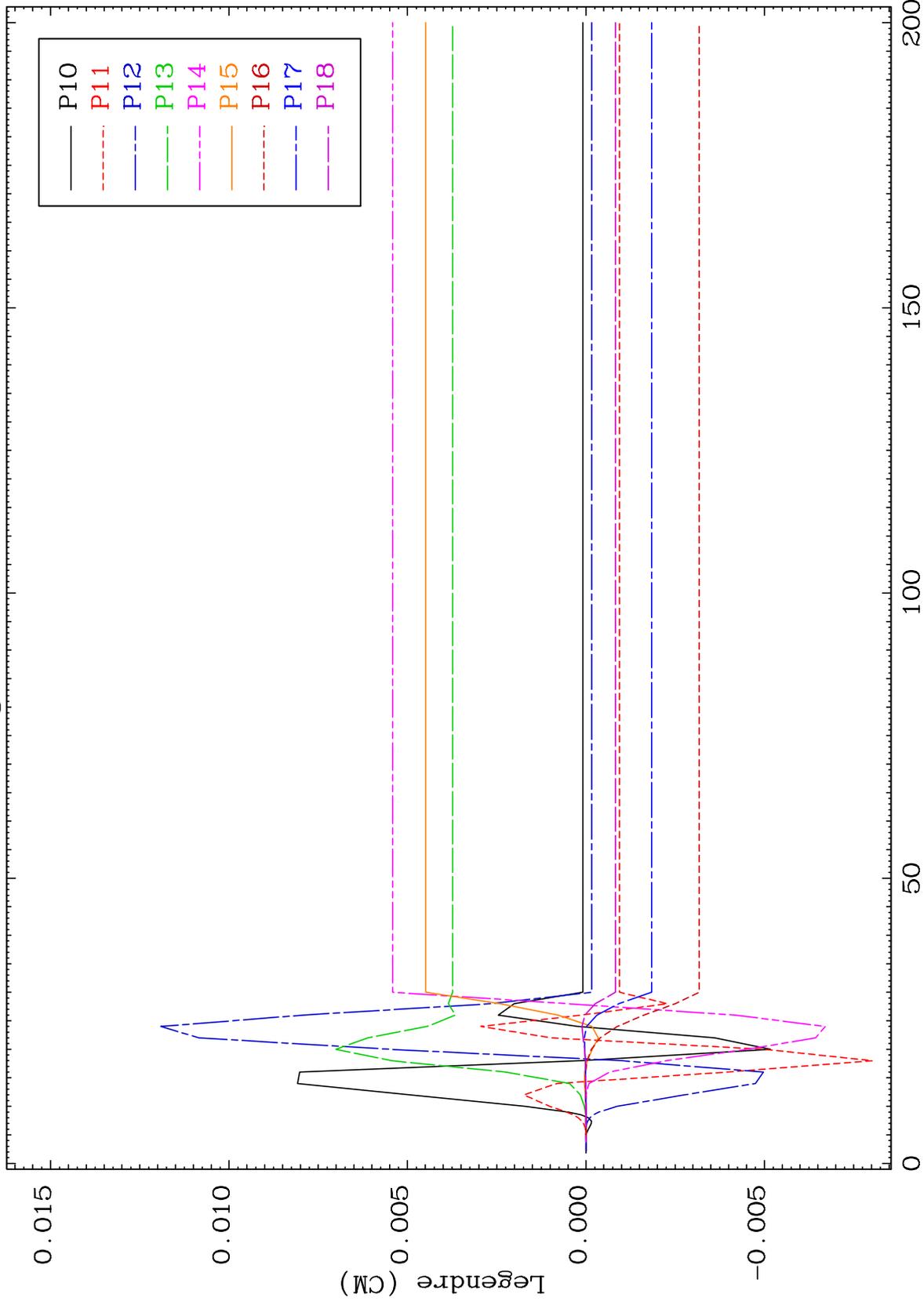
Incident Energy (MeV)

28

MAT 4437

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

44-Ru-100



29

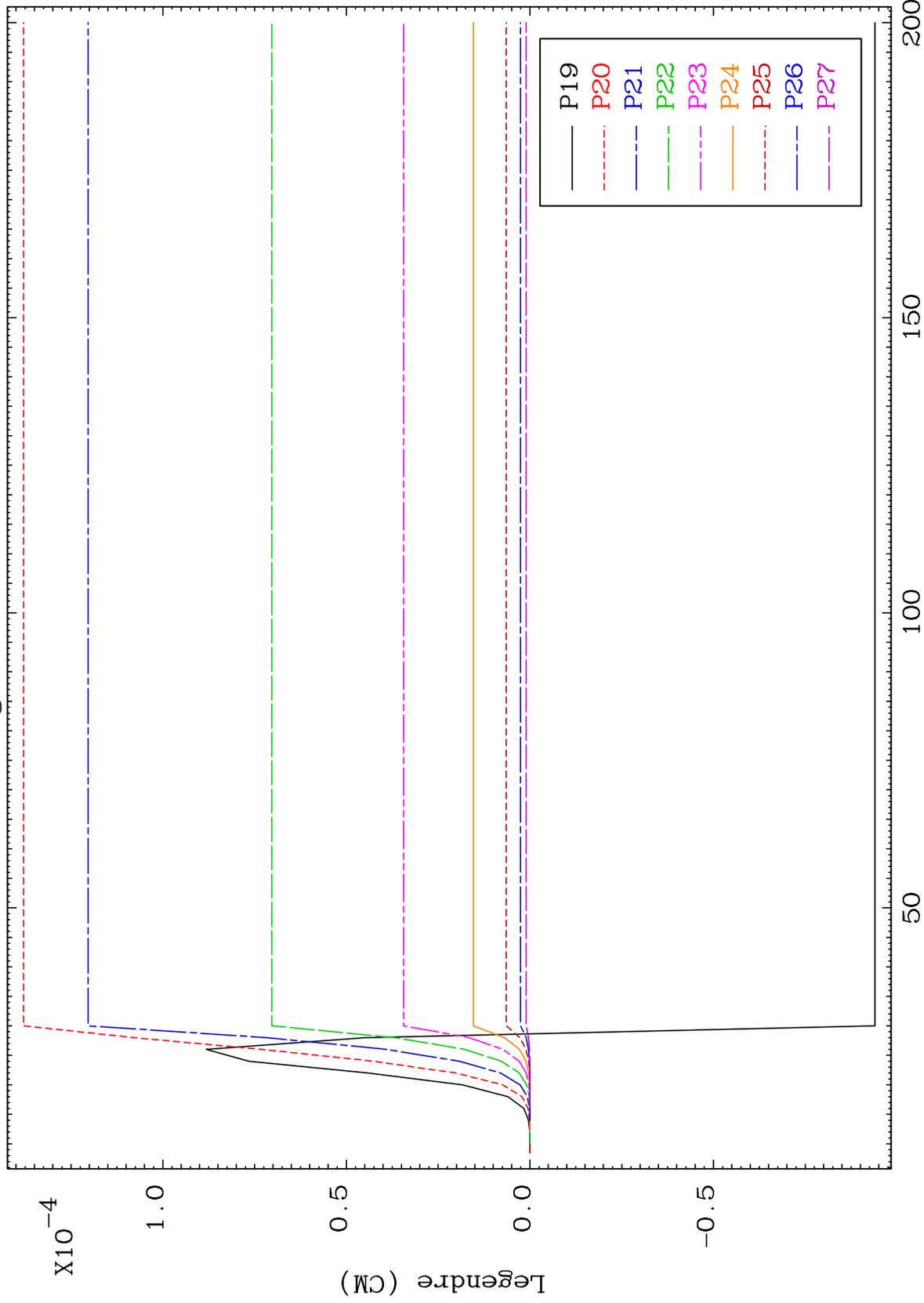
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



30

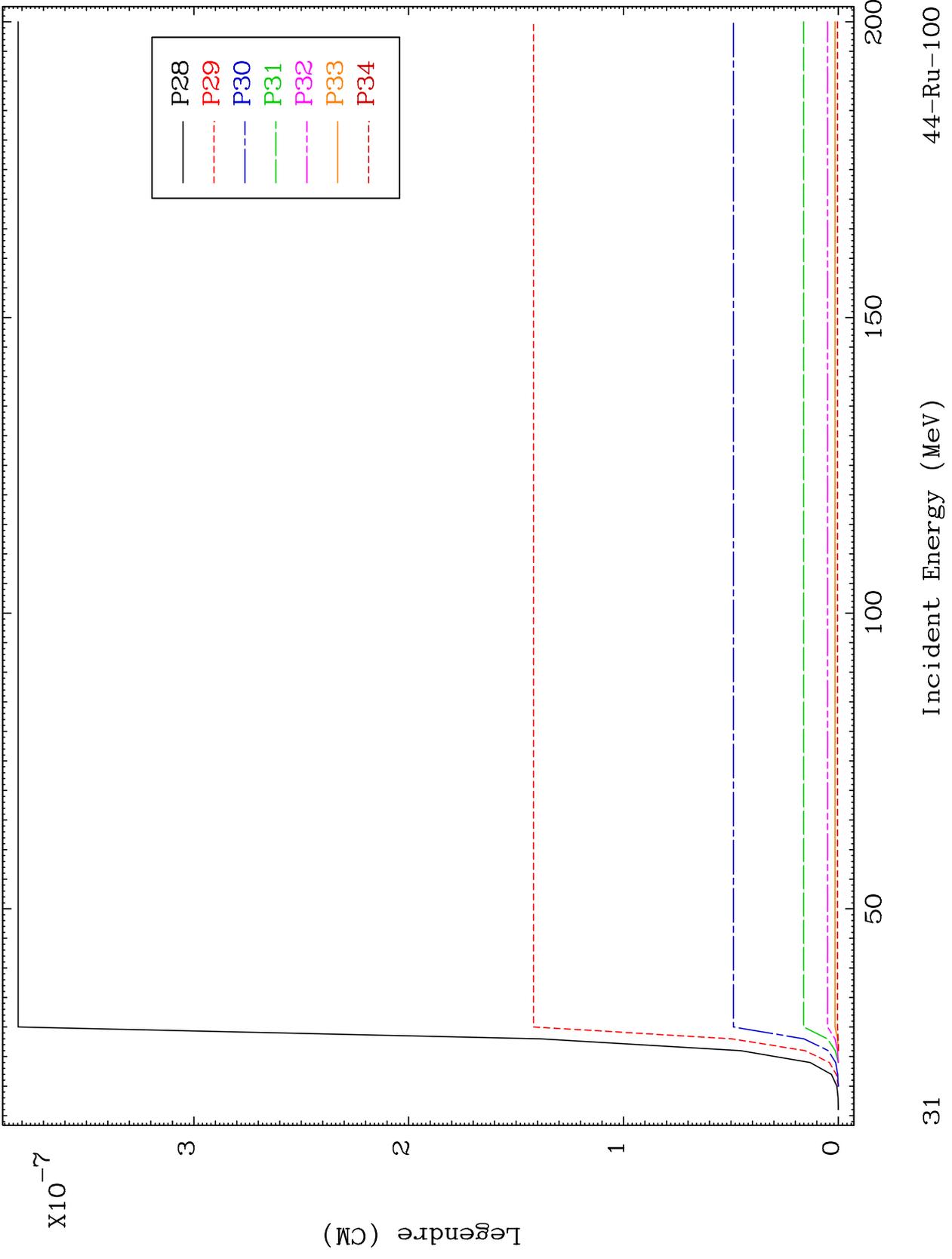
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



31

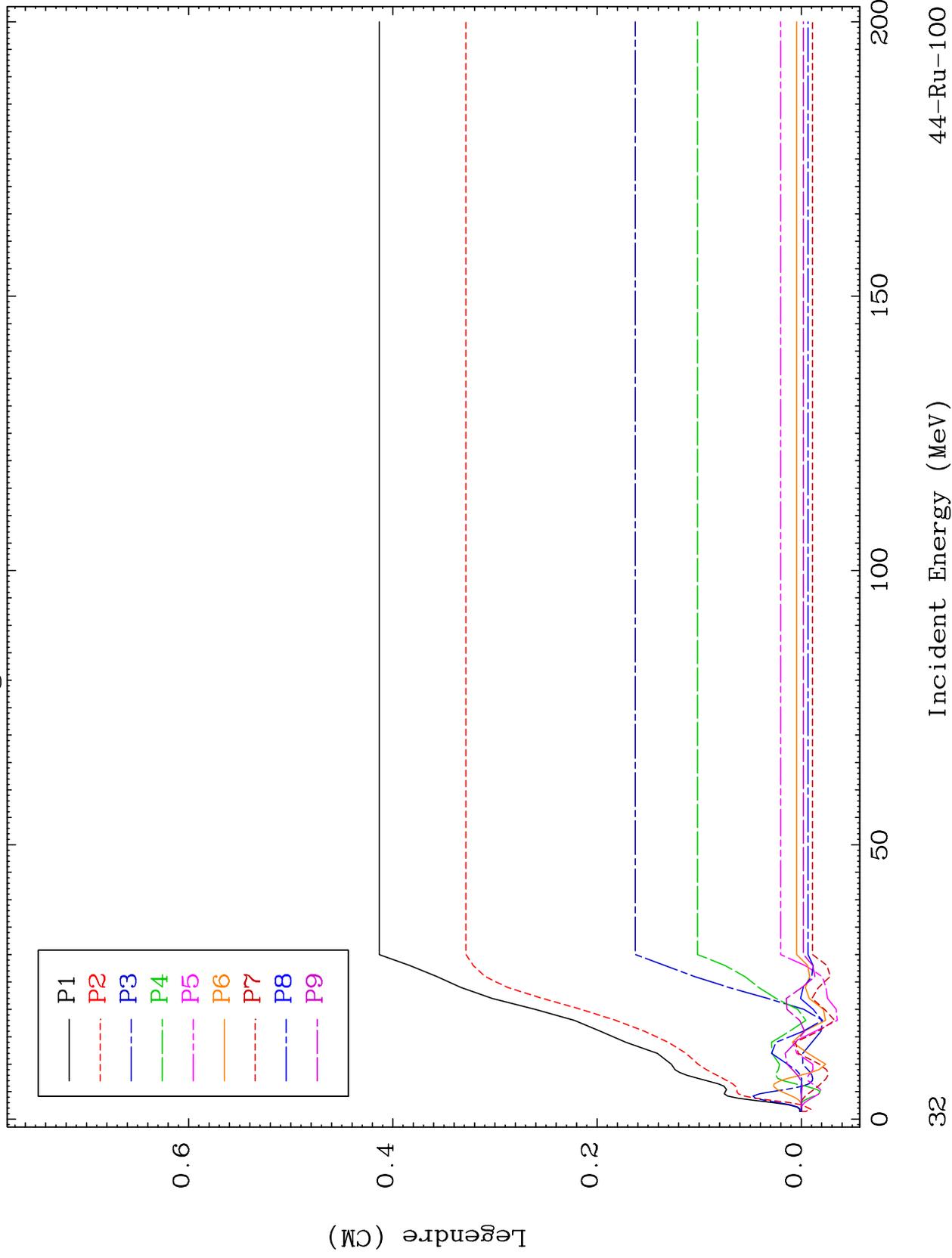
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100

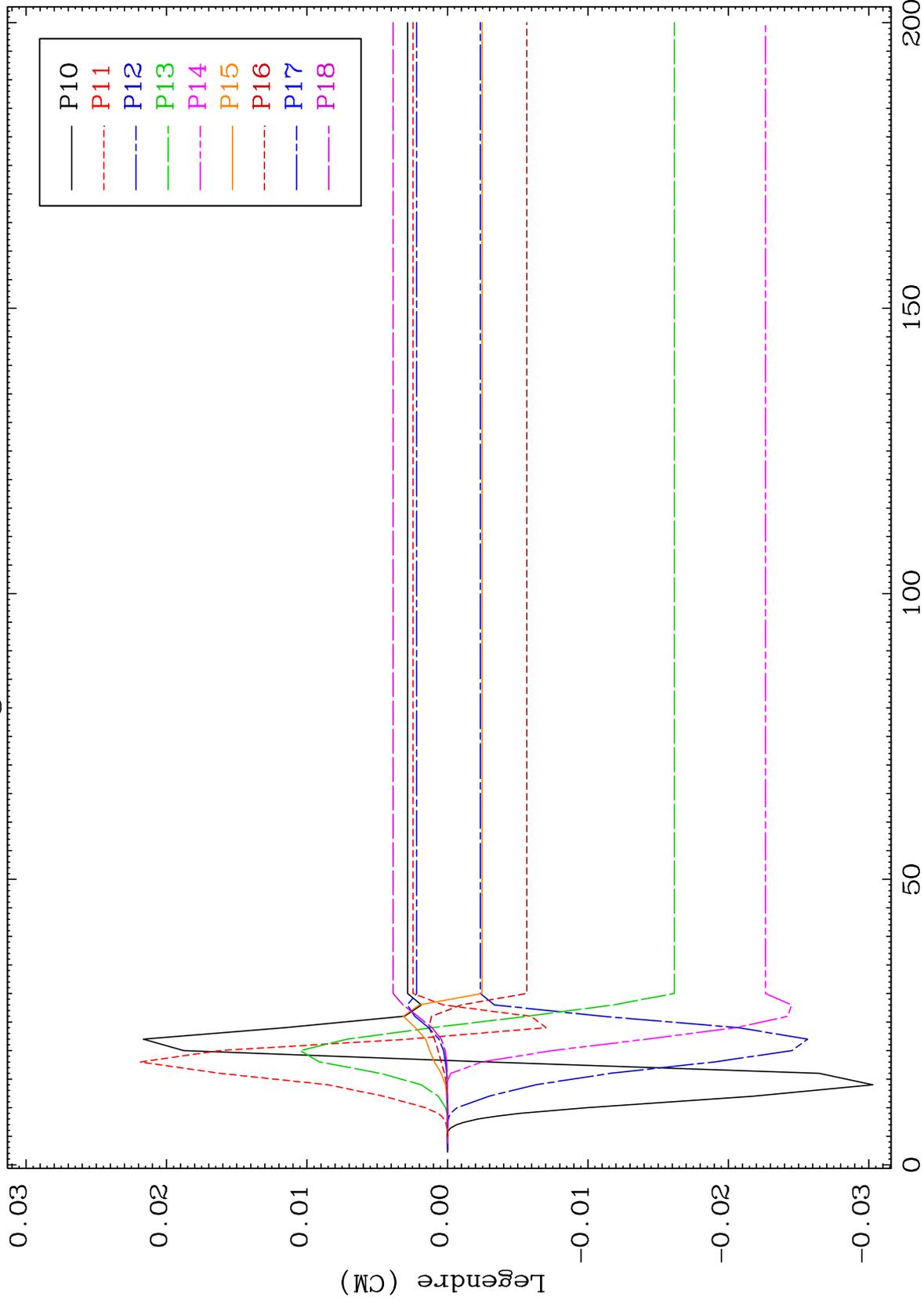


32

MAT 4437

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

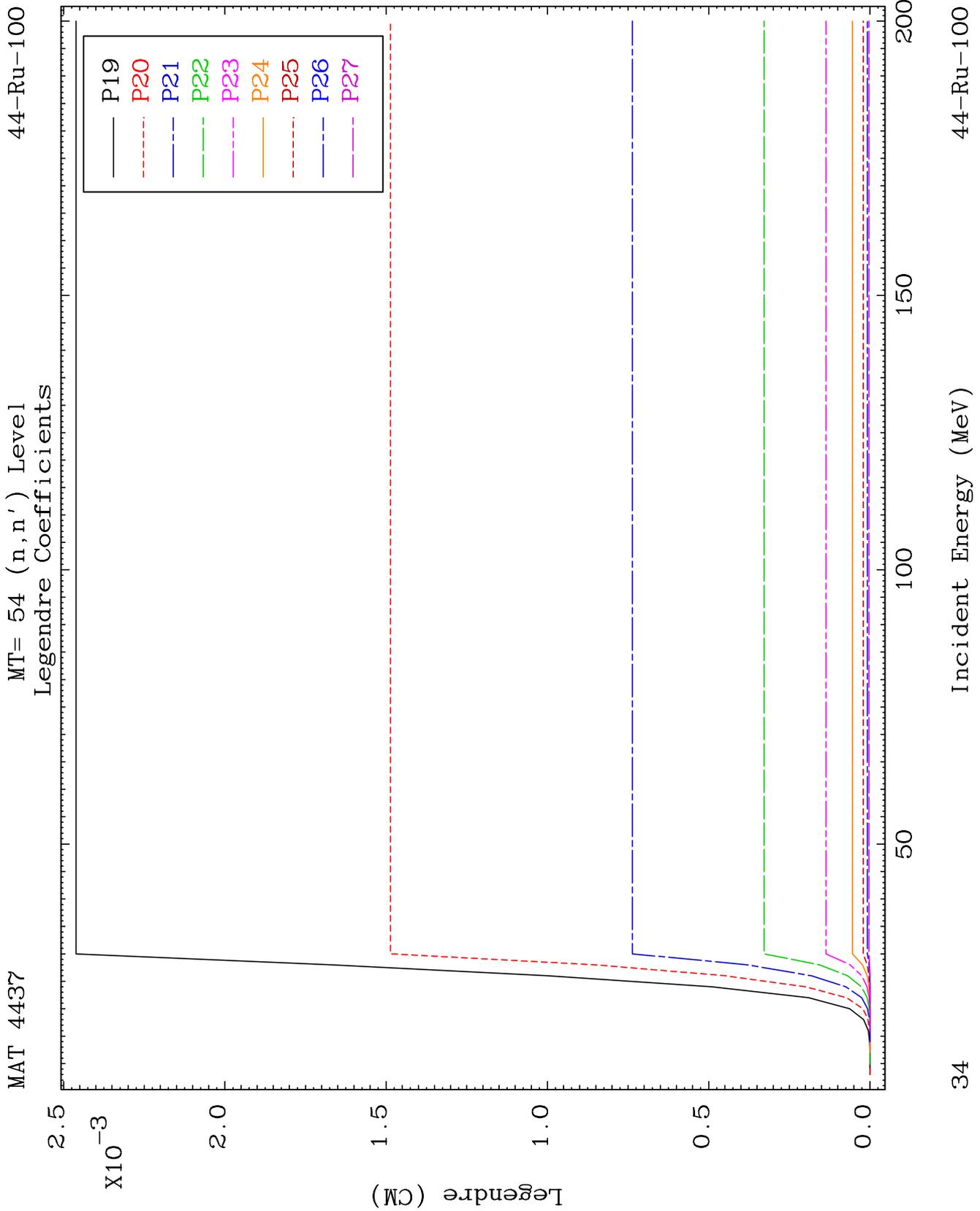
44-Ru-100



33

Incident Energy (MeV)

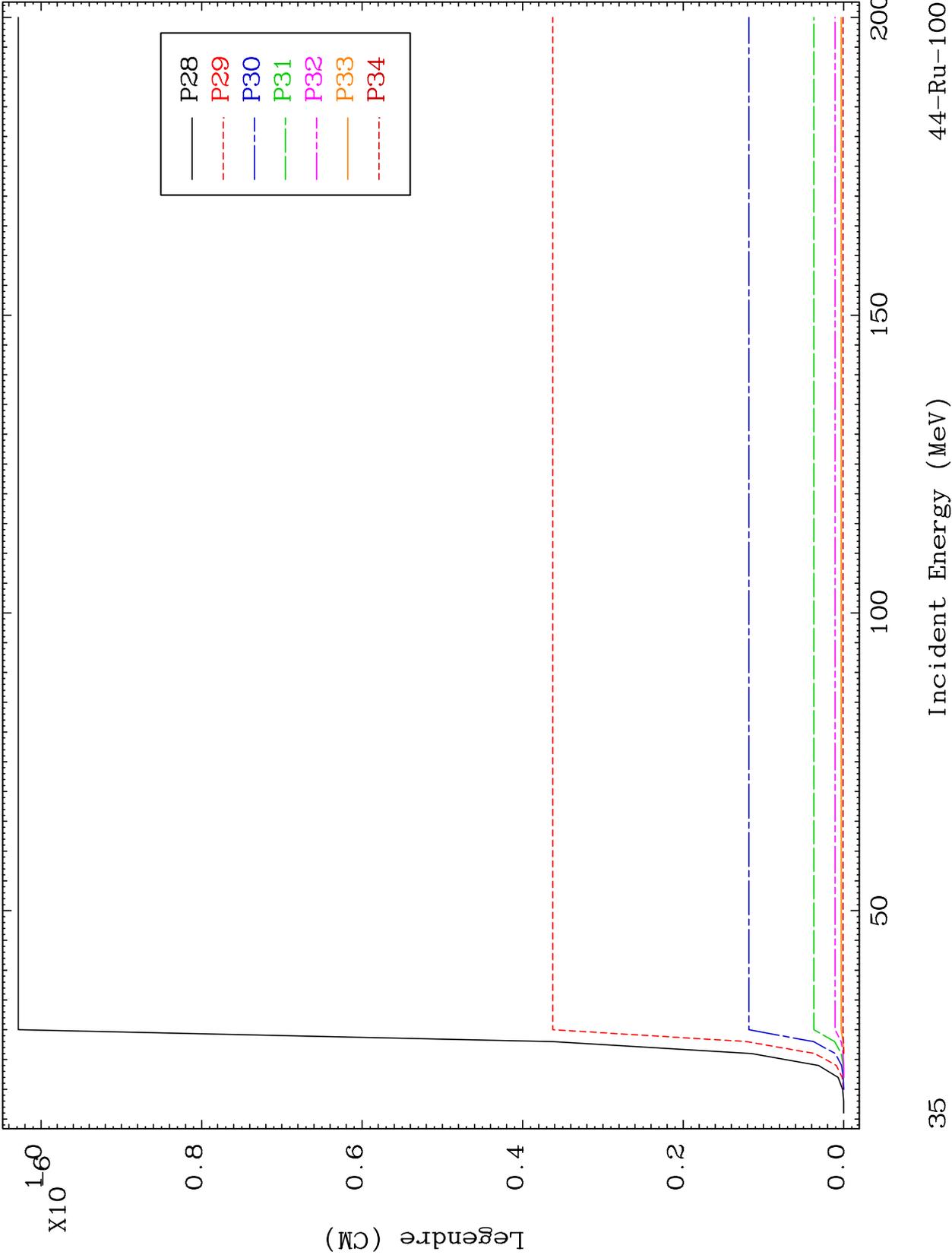
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MAT 4437

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

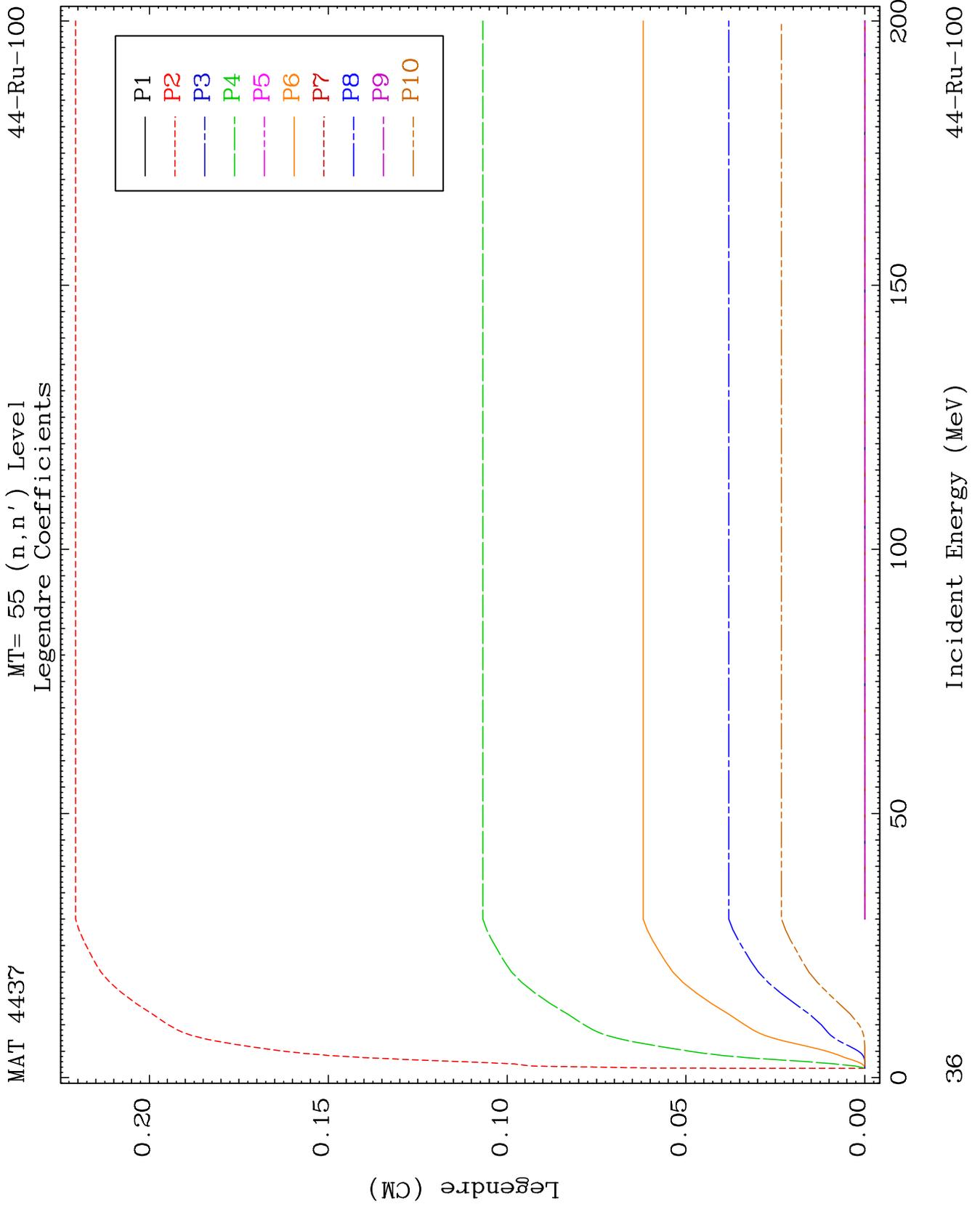
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35

Incident Energy (MeV)

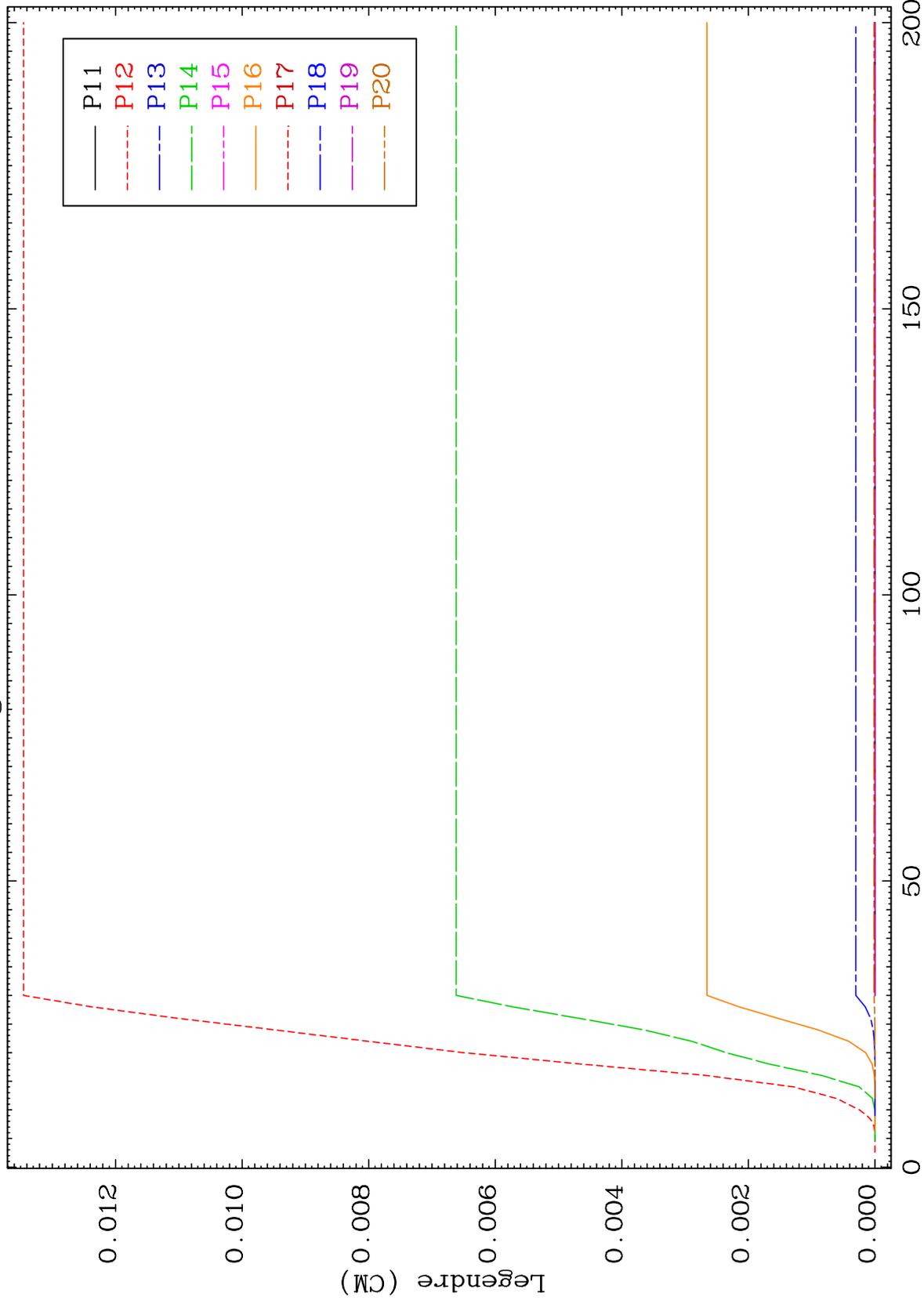
44-Ru-100



MAT 4437

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

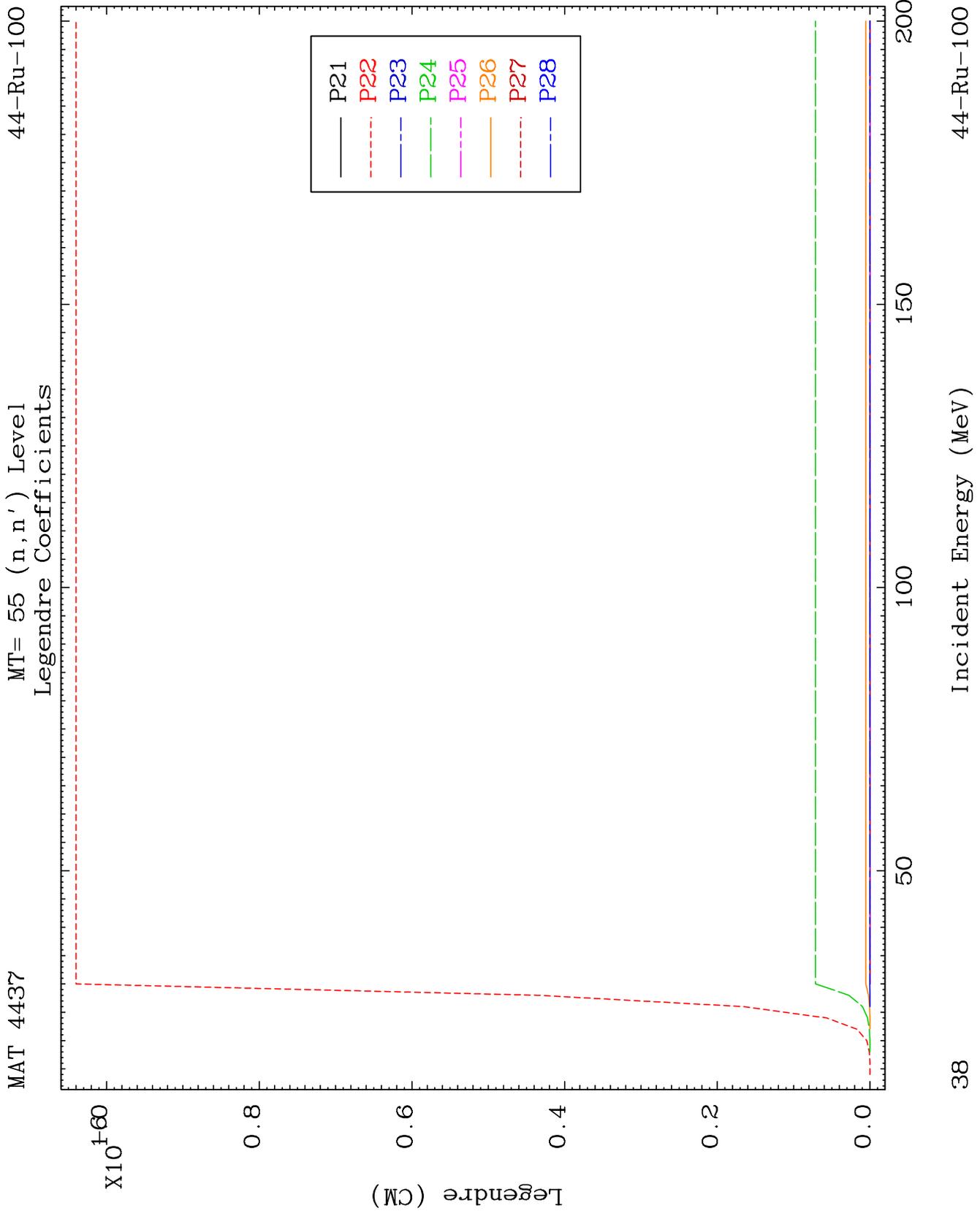
44-Ru-100



37

Incident Energy (MeV)

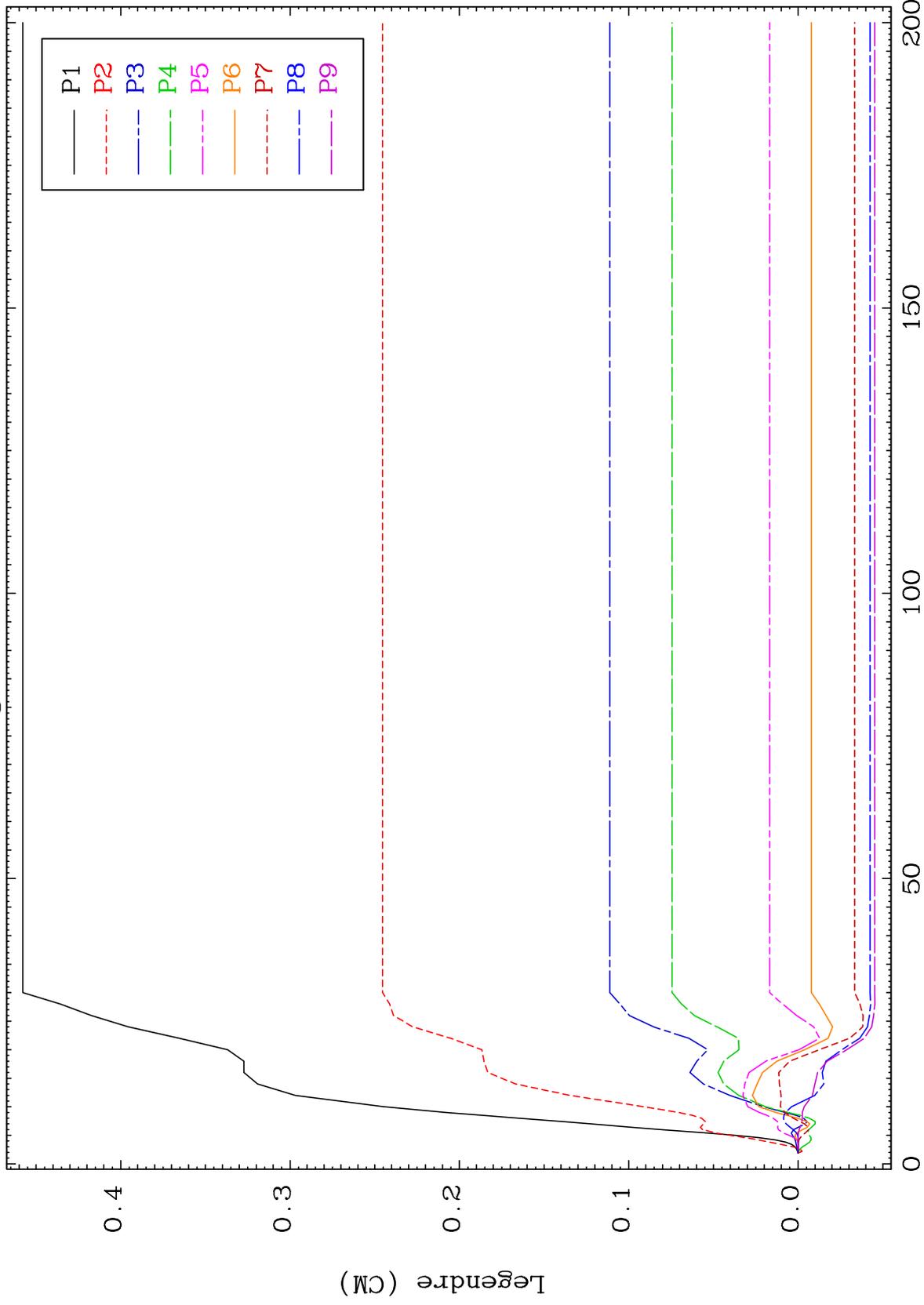
44-Ru-100



MAT 4437

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

44-Ru-100



39

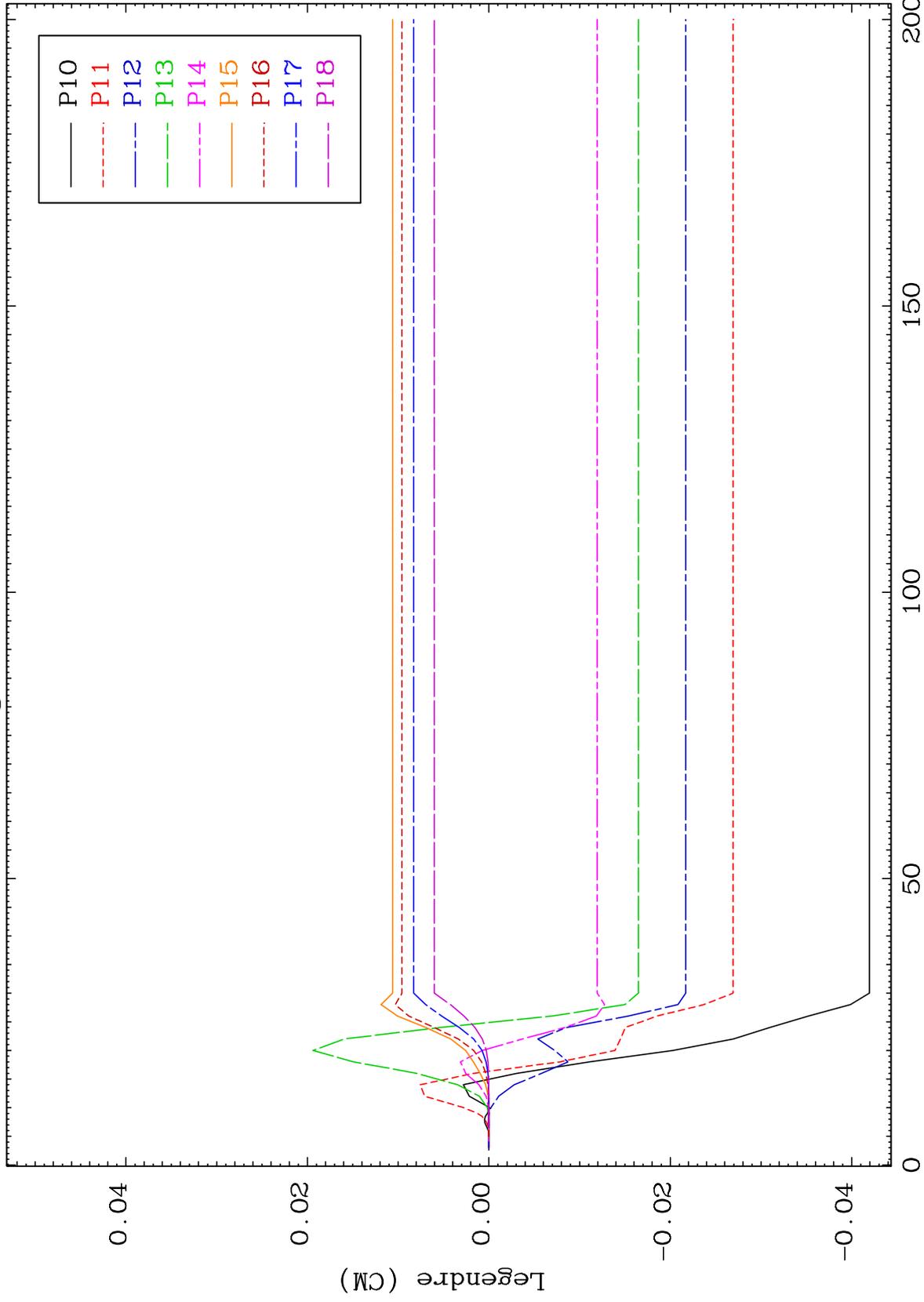
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



40

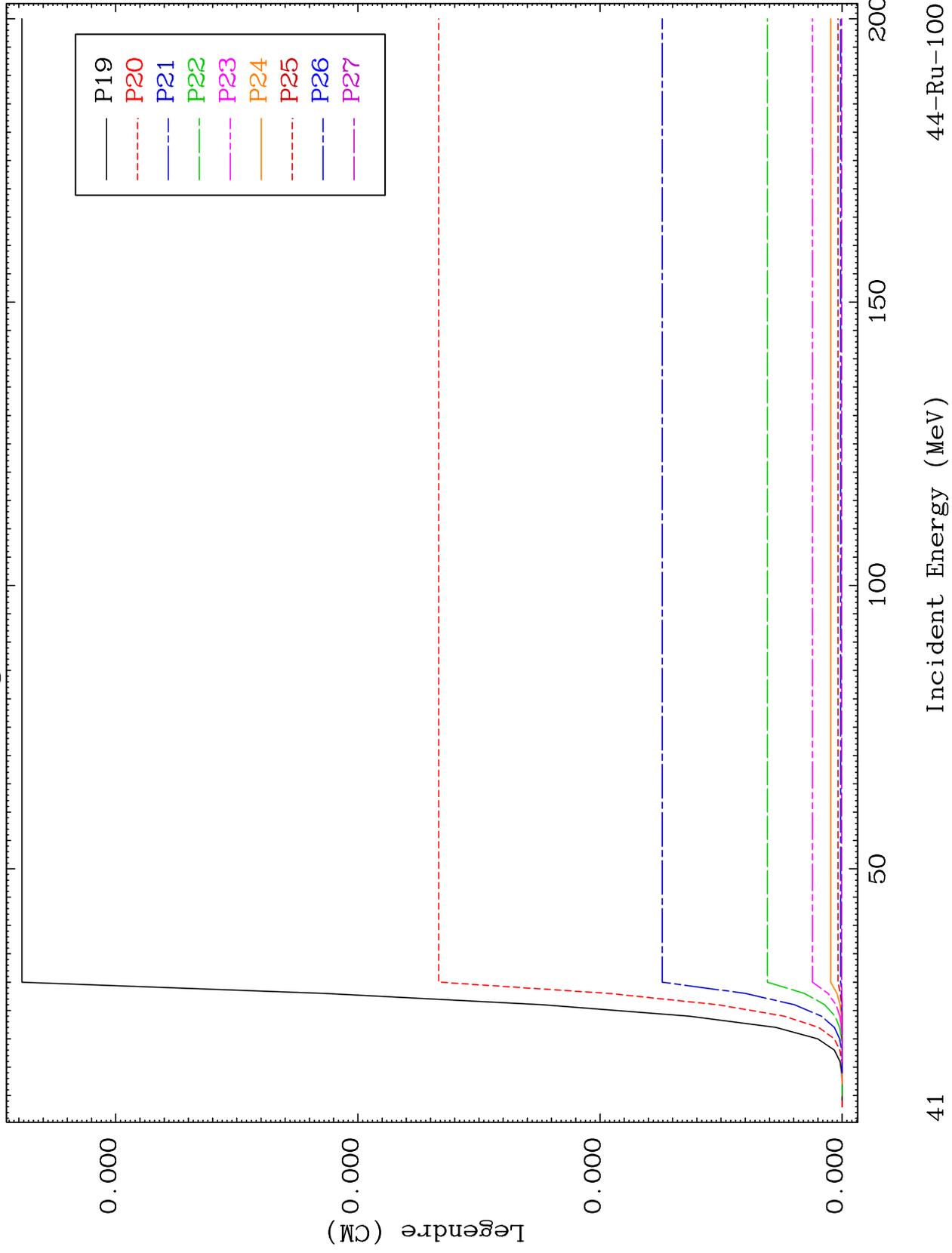
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

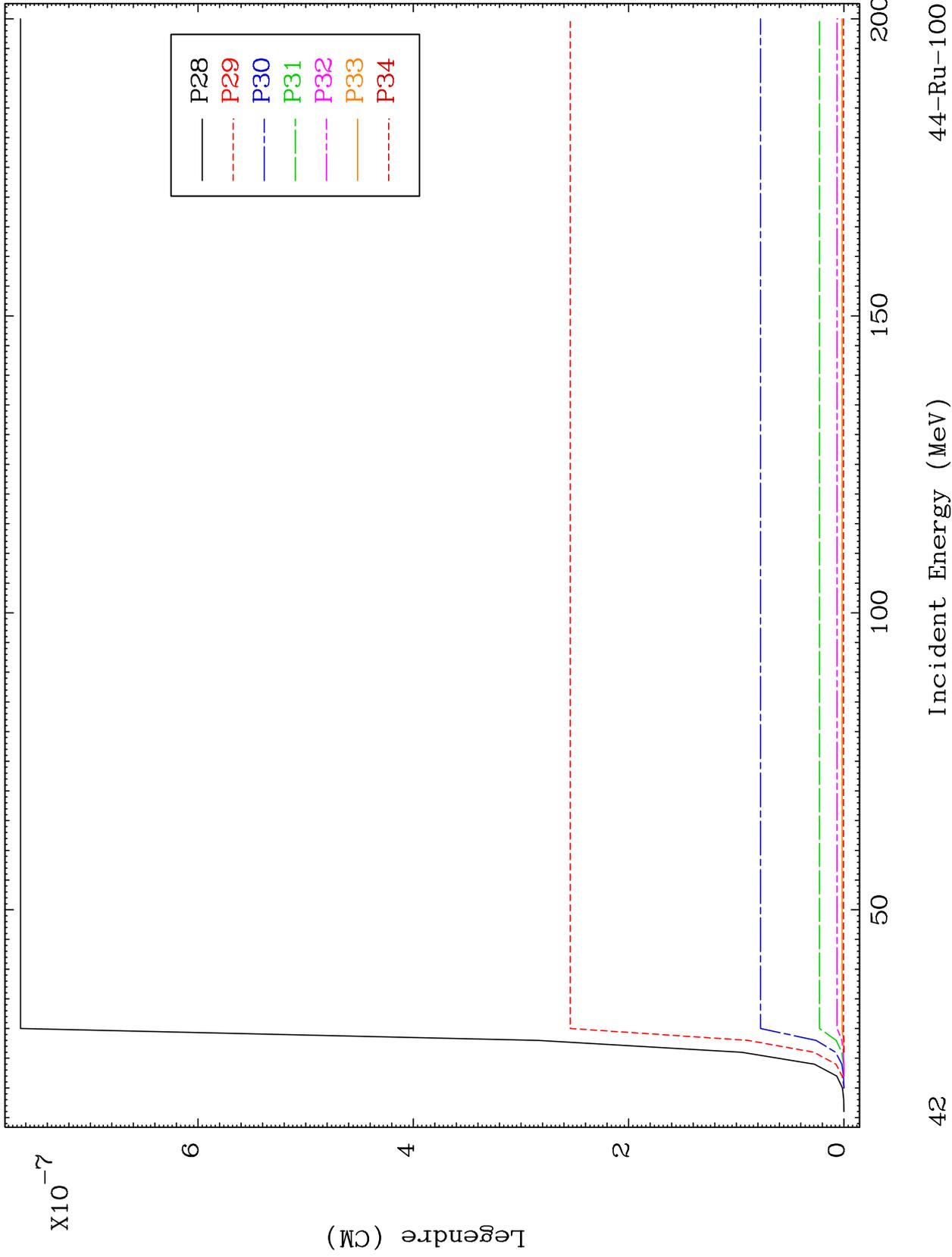
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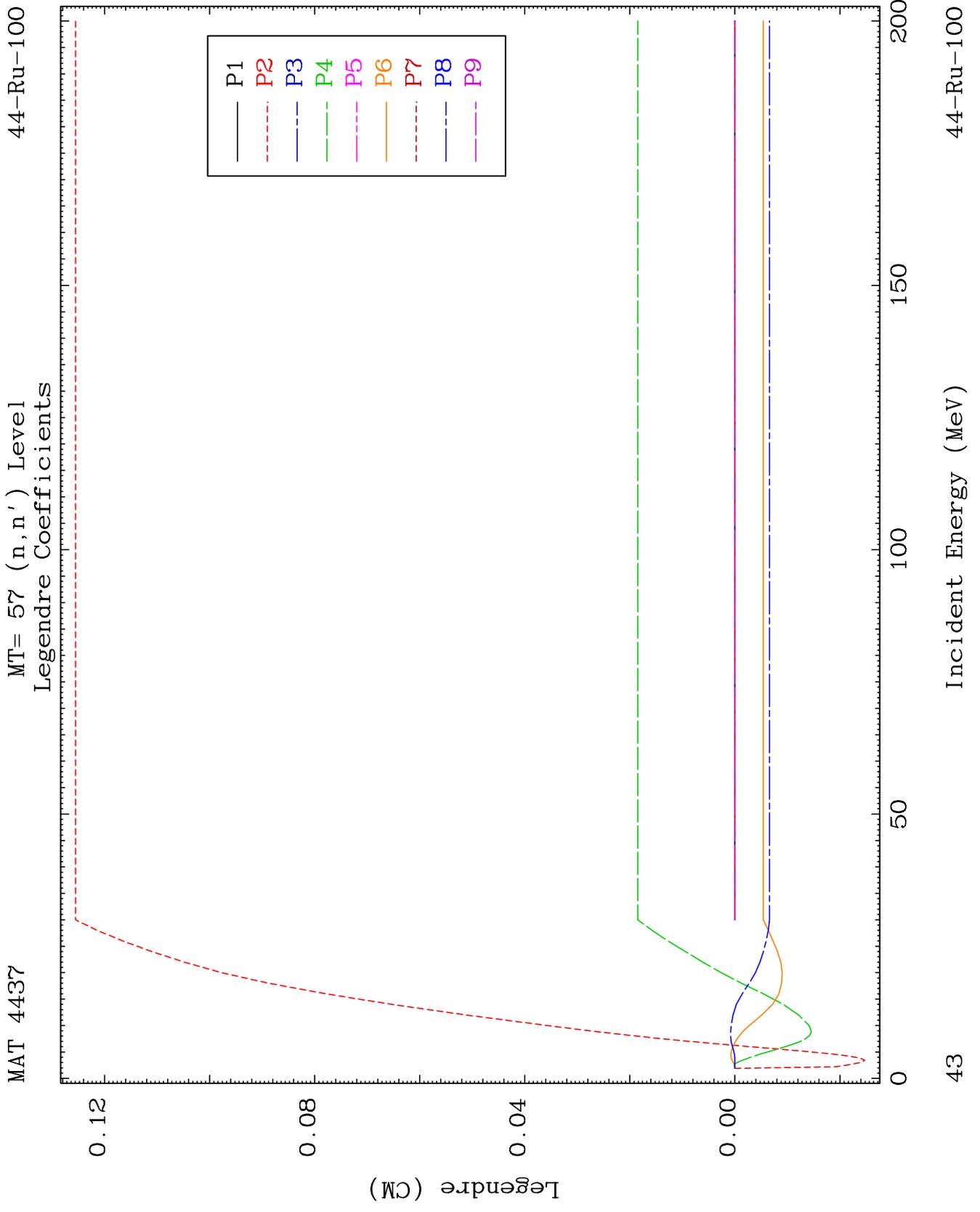


MAT 4437

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

44-Ru-100

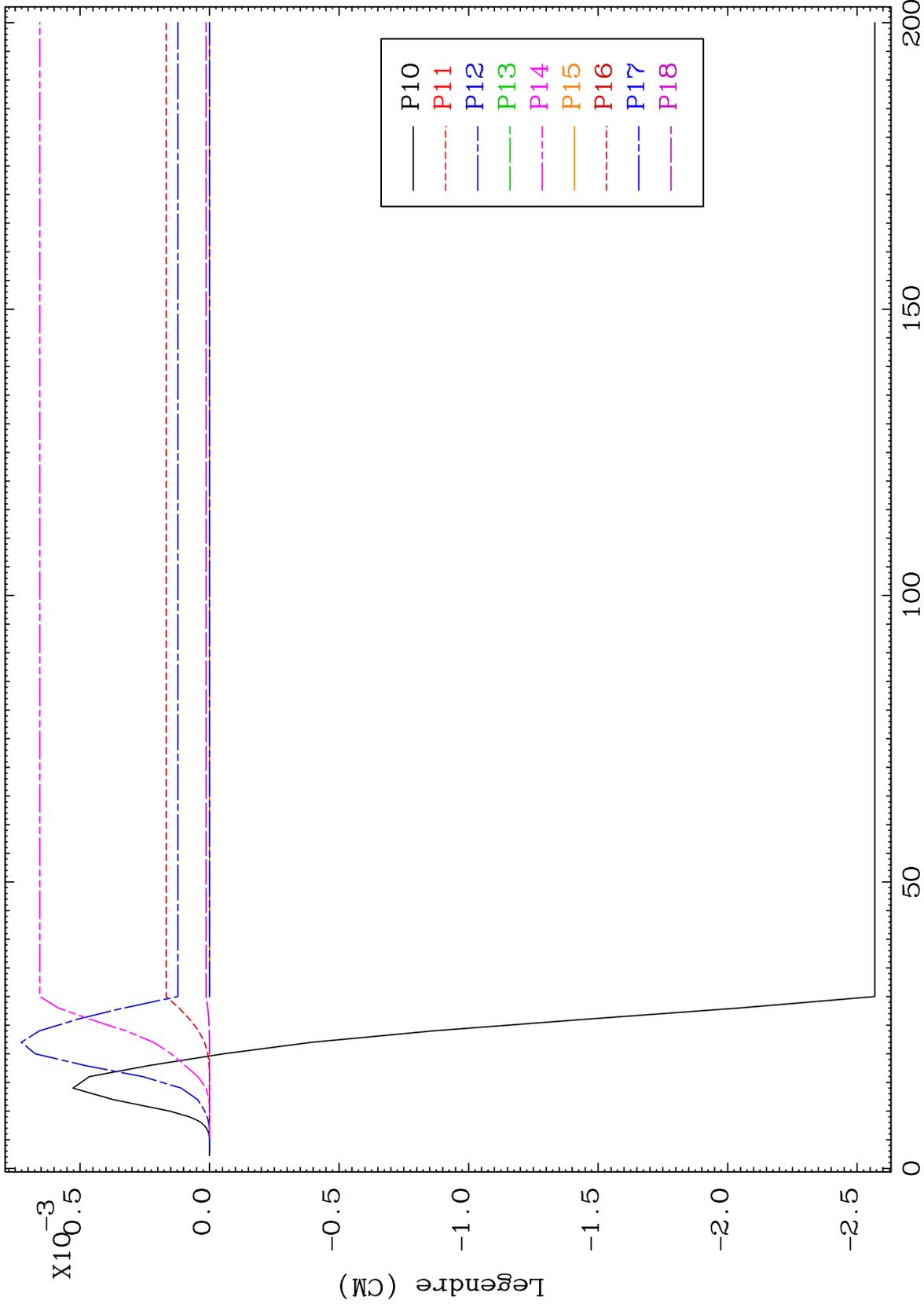




MAT 4437

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

44-Ru-100



44

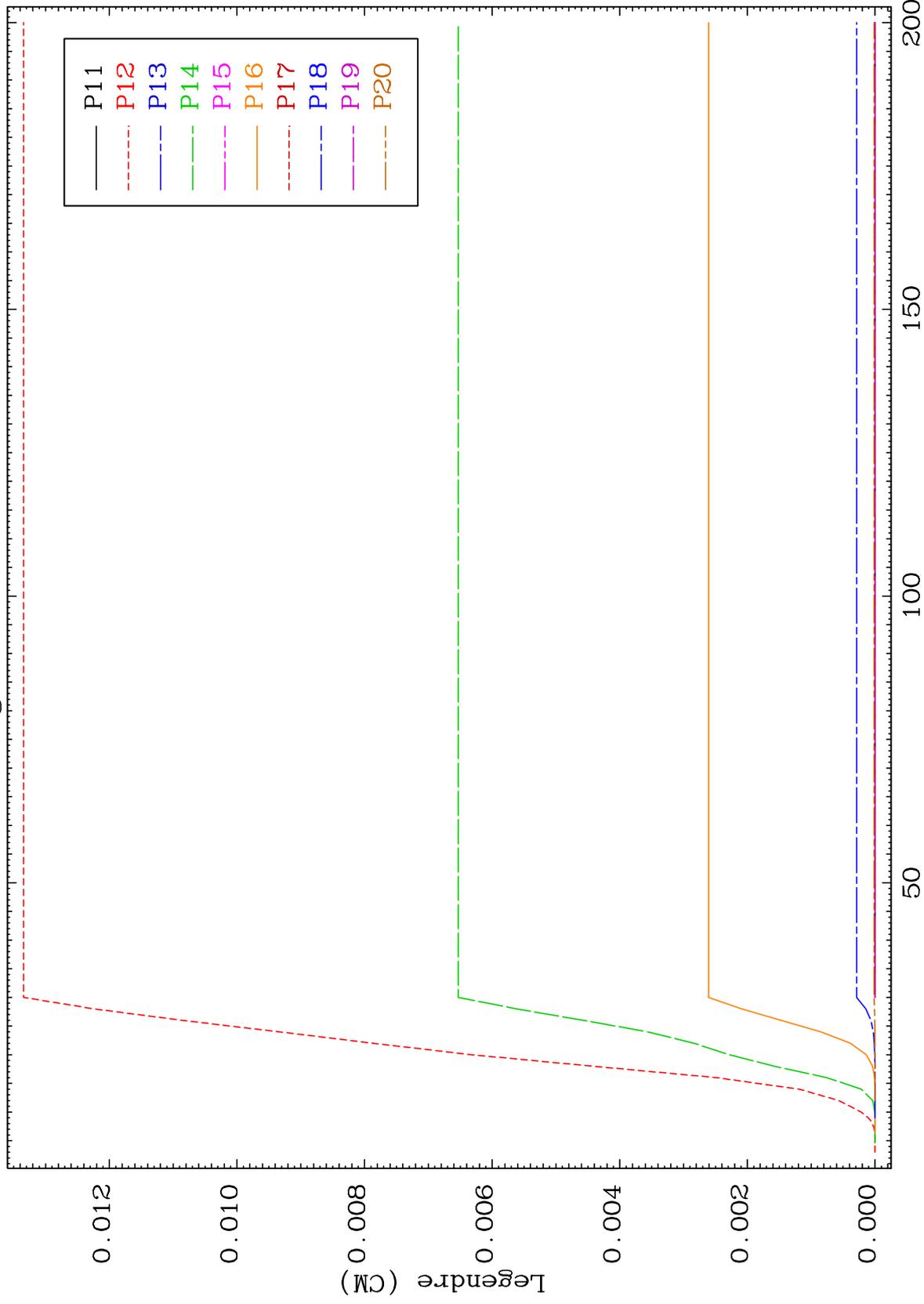
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



47

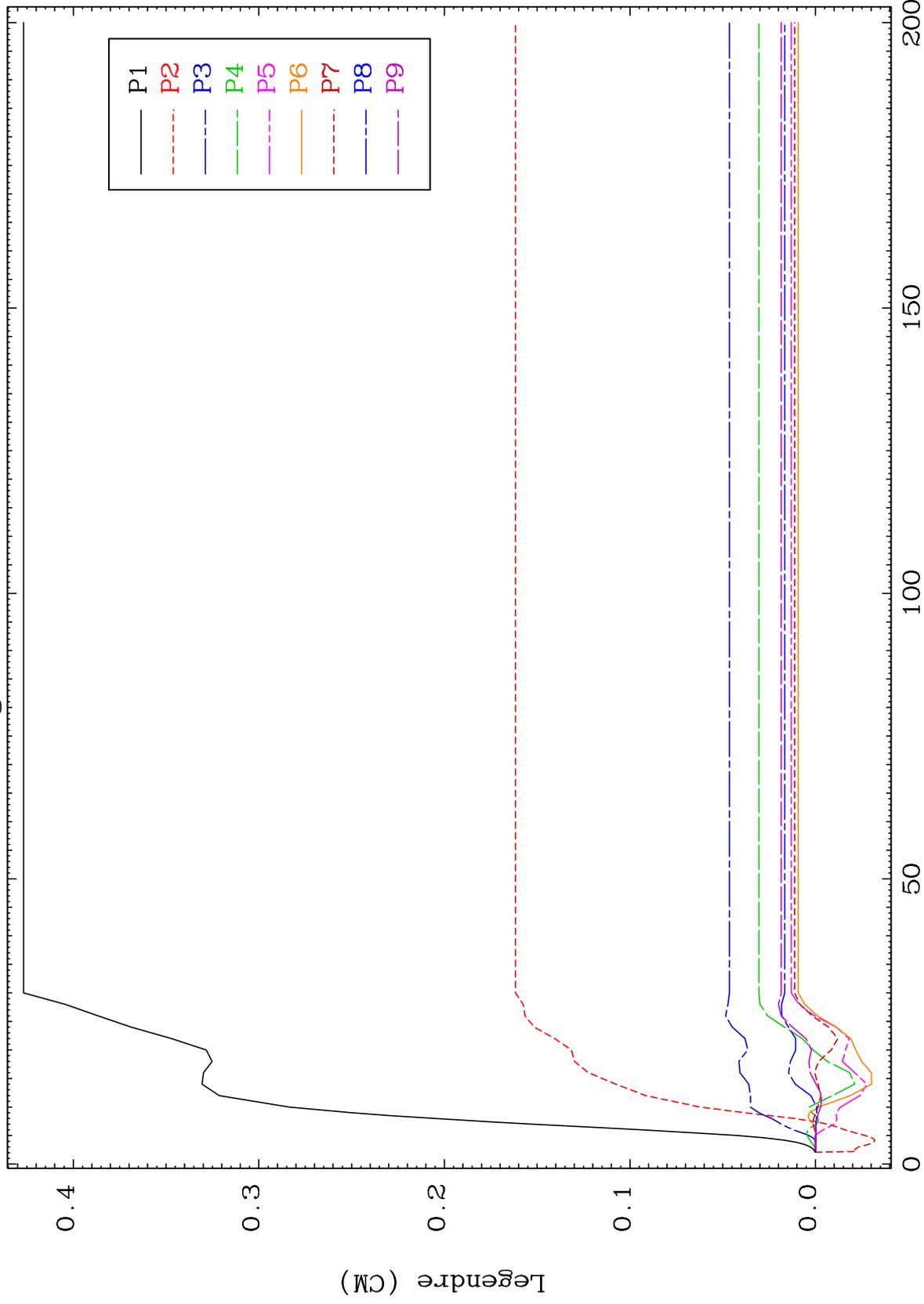
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



49

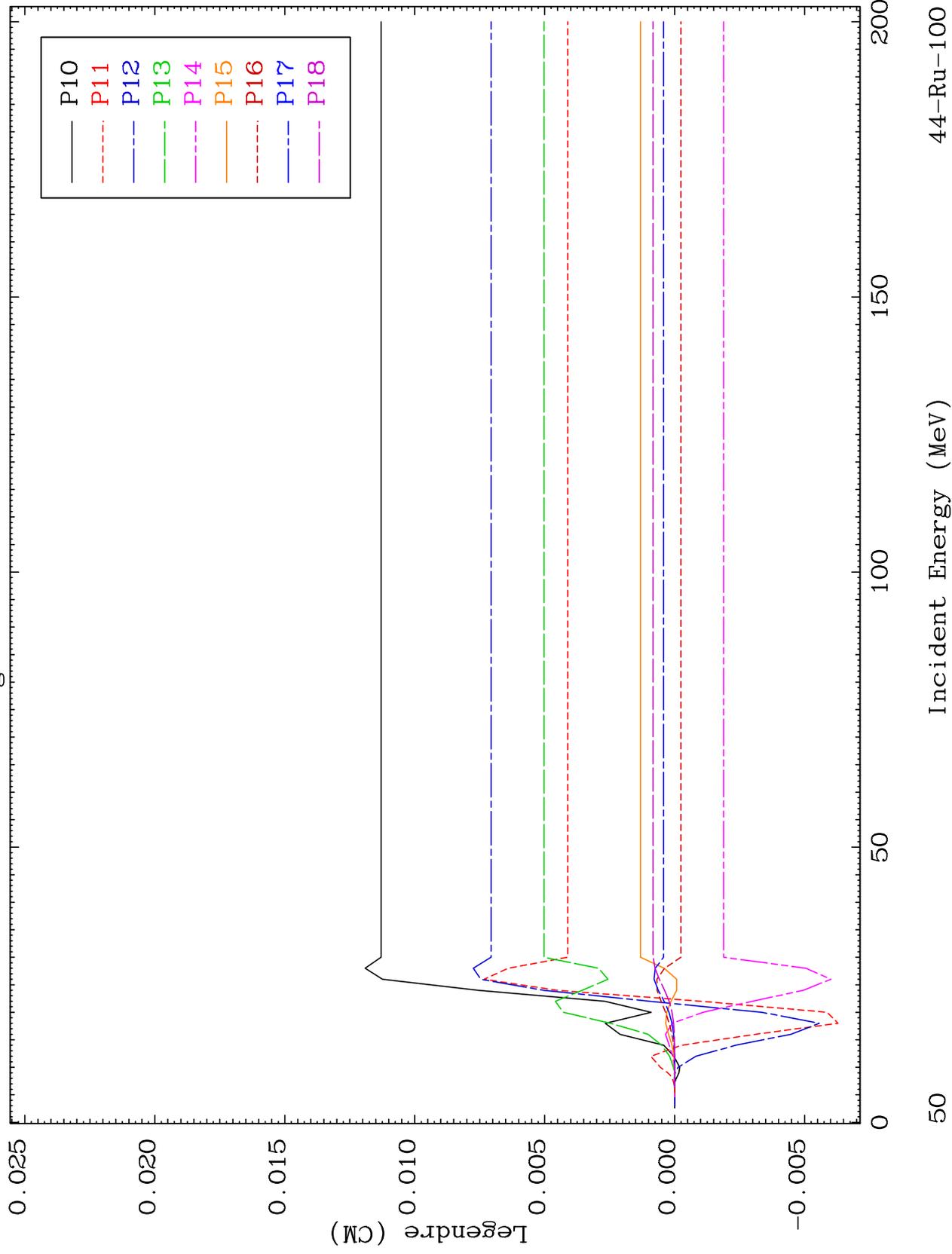
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

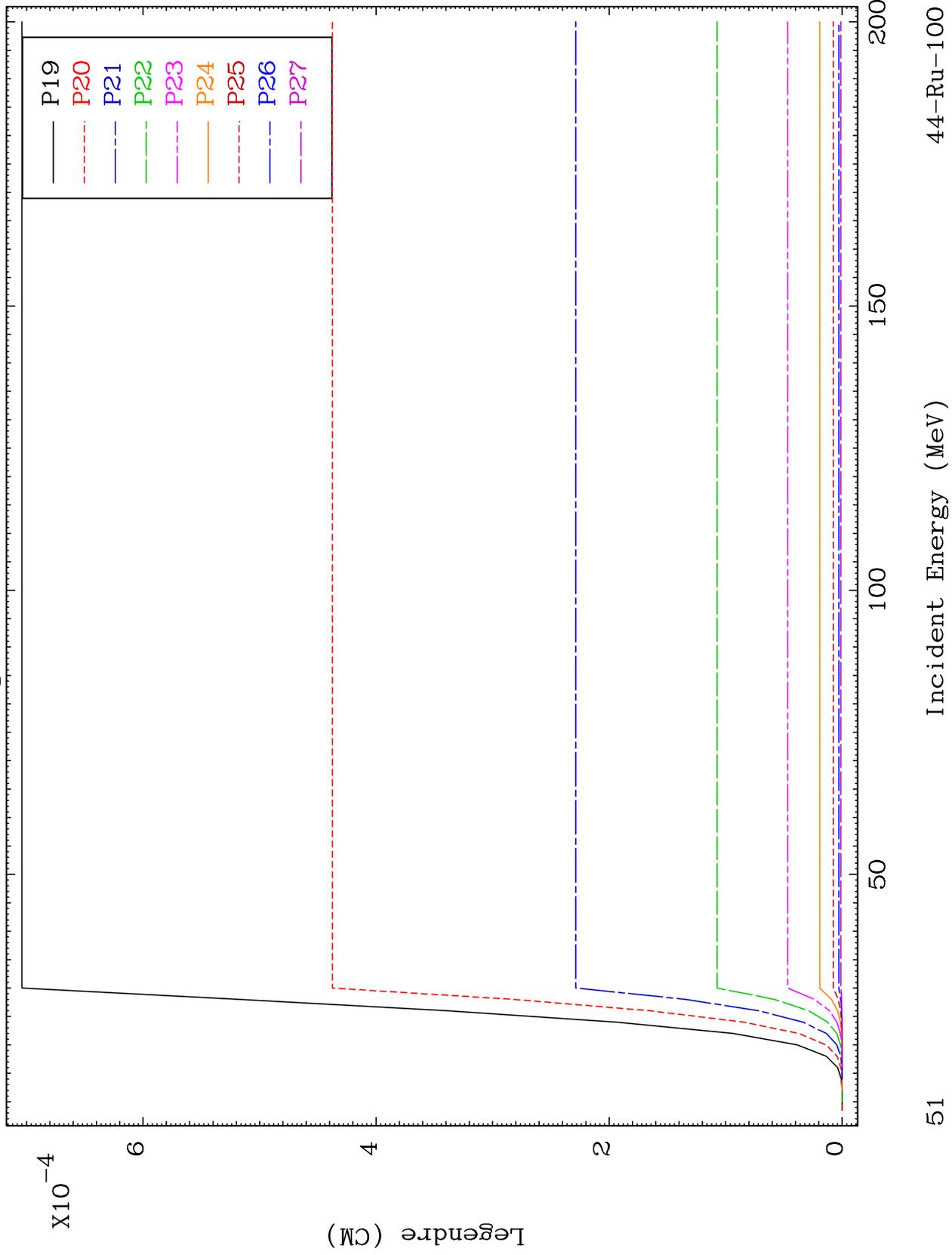
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MAT 4437

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

44-Ru-100

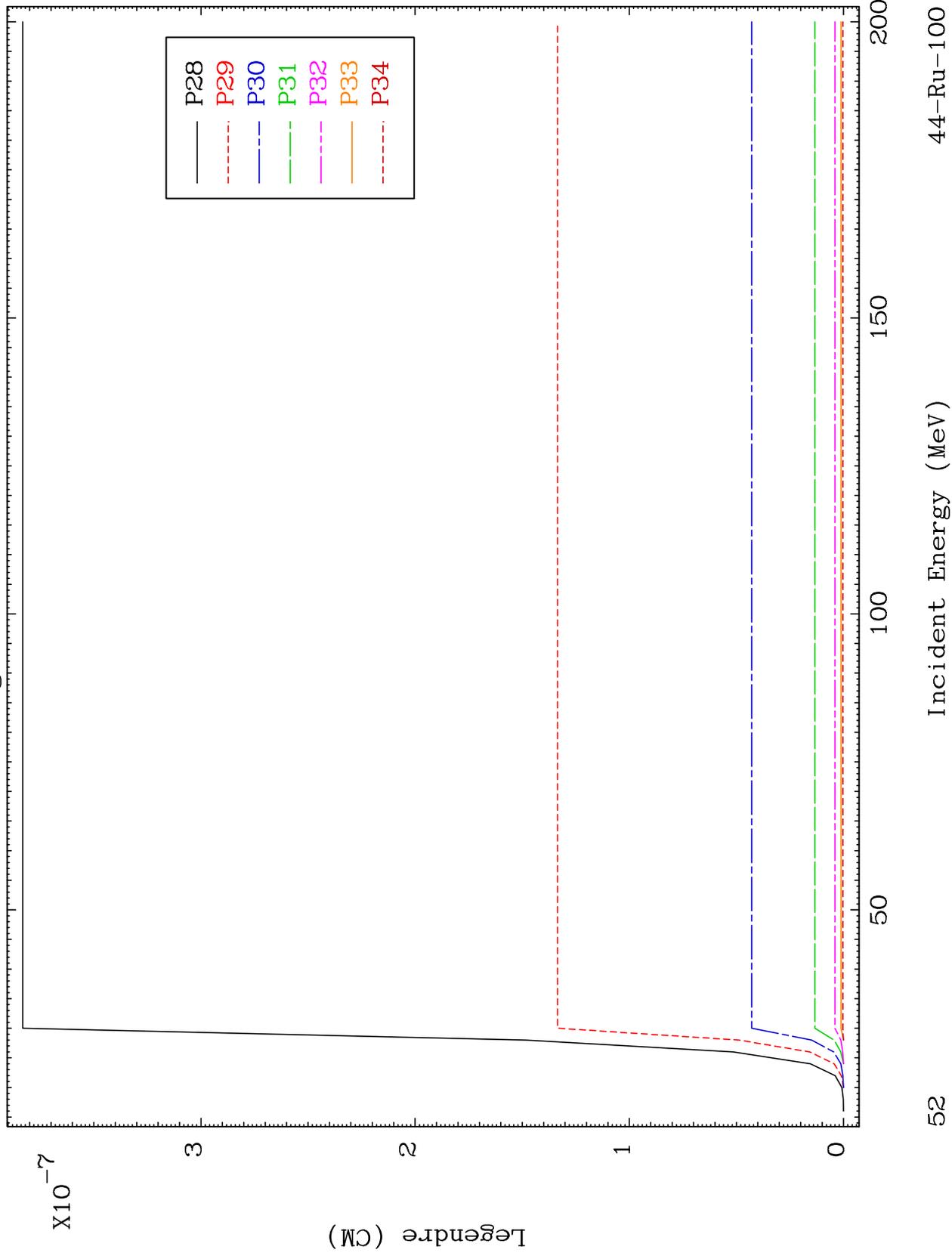


51

MAT 4437

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

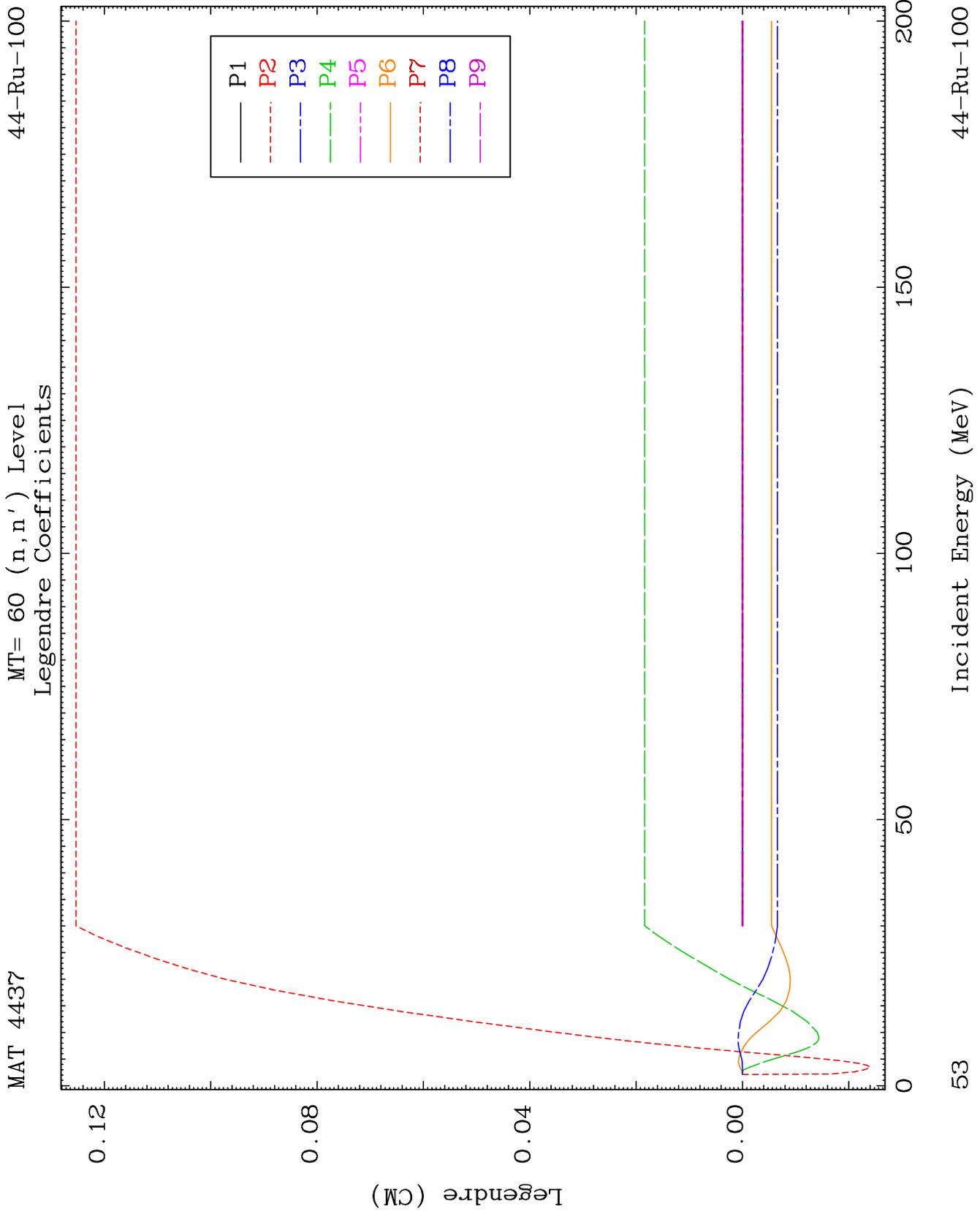
44-Ru-100



52

Incident Energy (MeV)

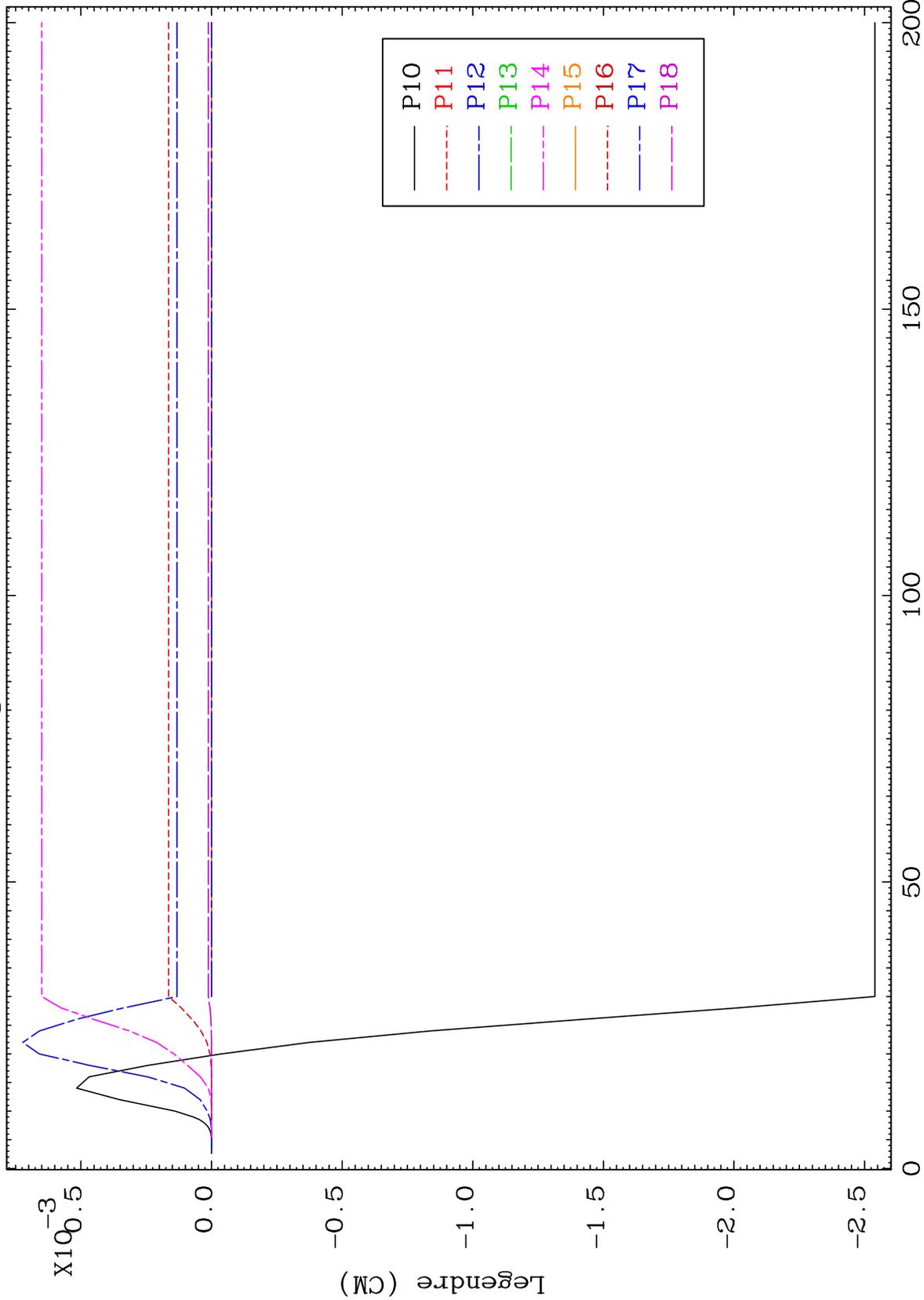
44-Ru-100



MAT 4437

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

44-Ru-100



54

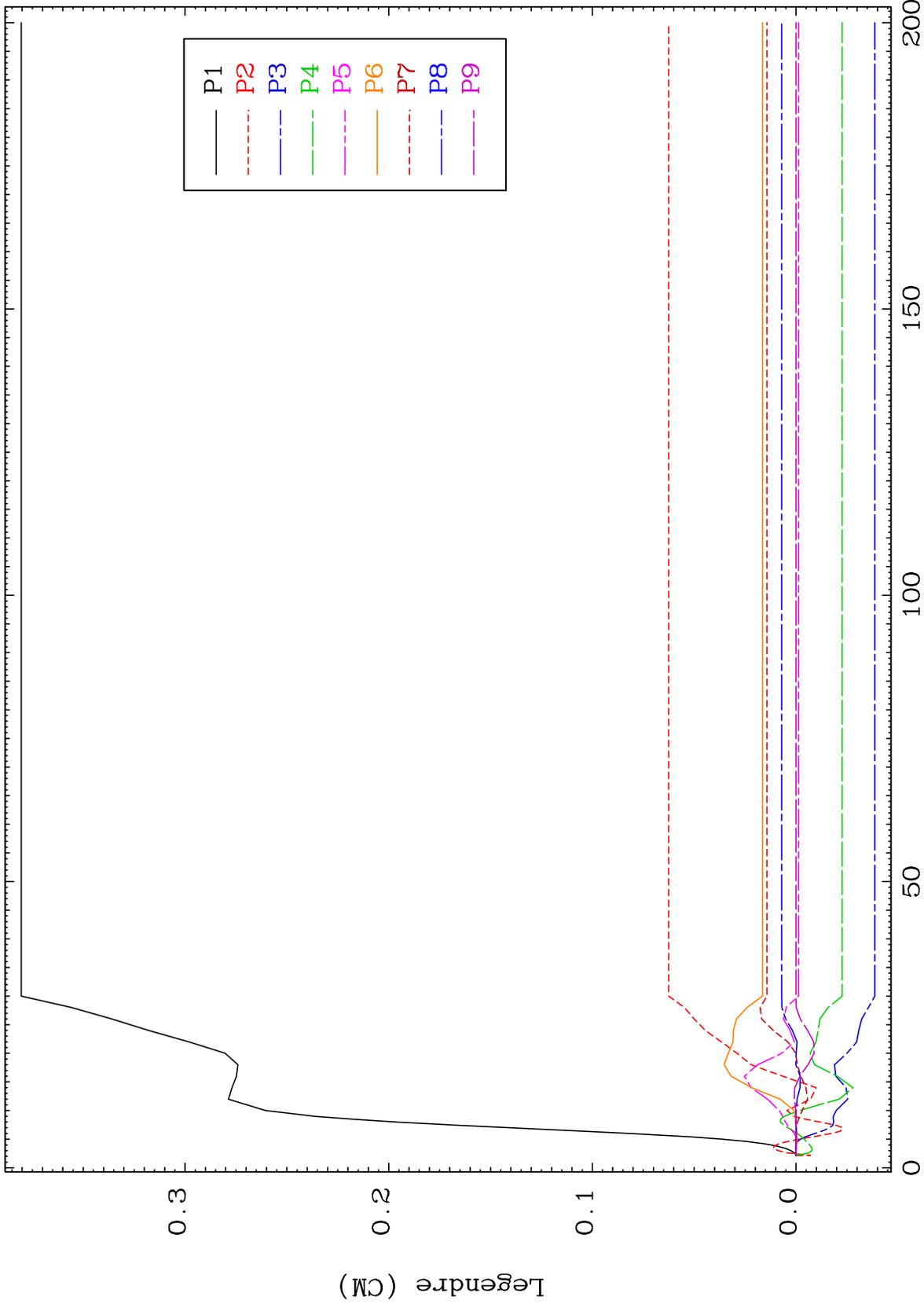
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



56

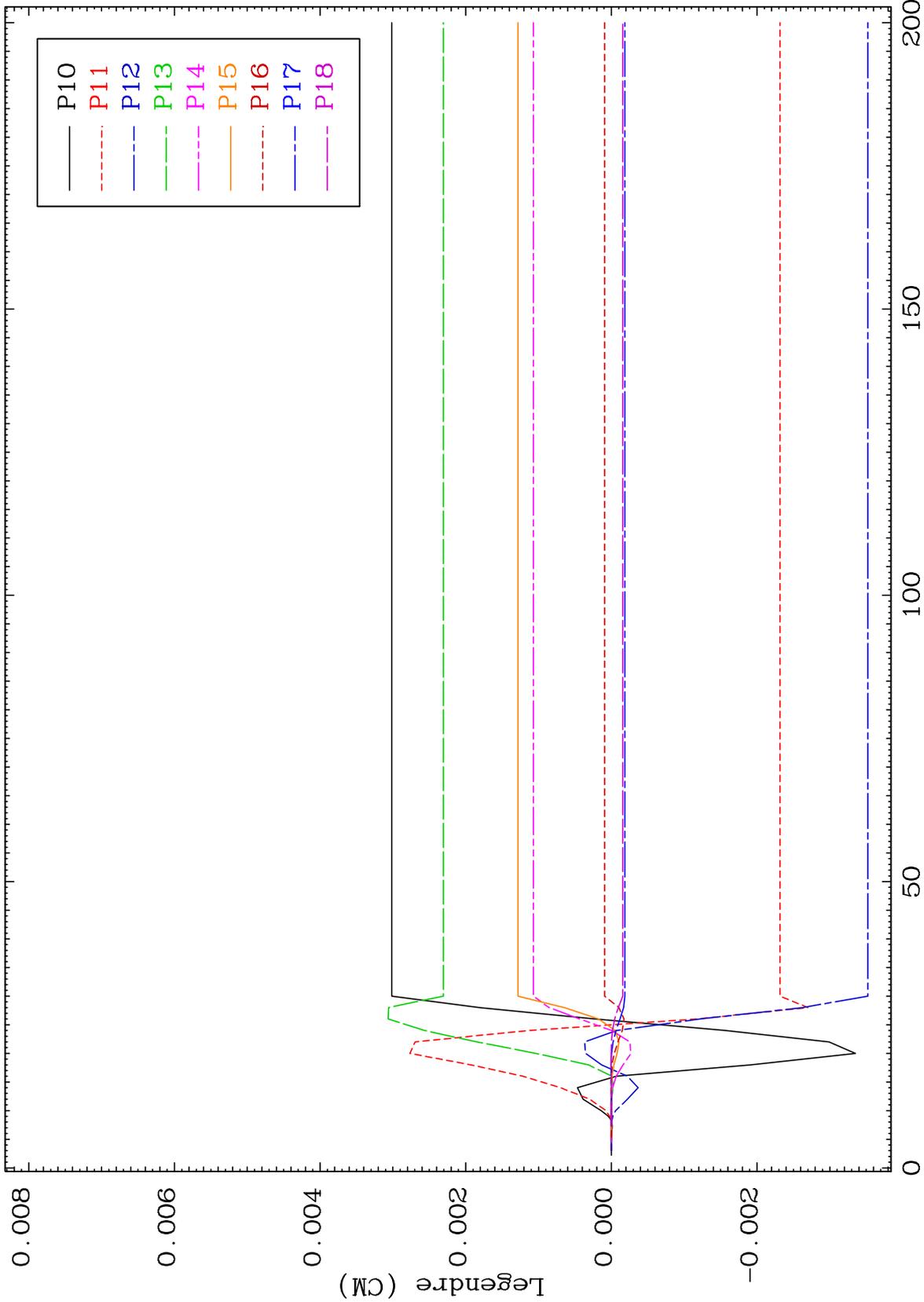
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



57

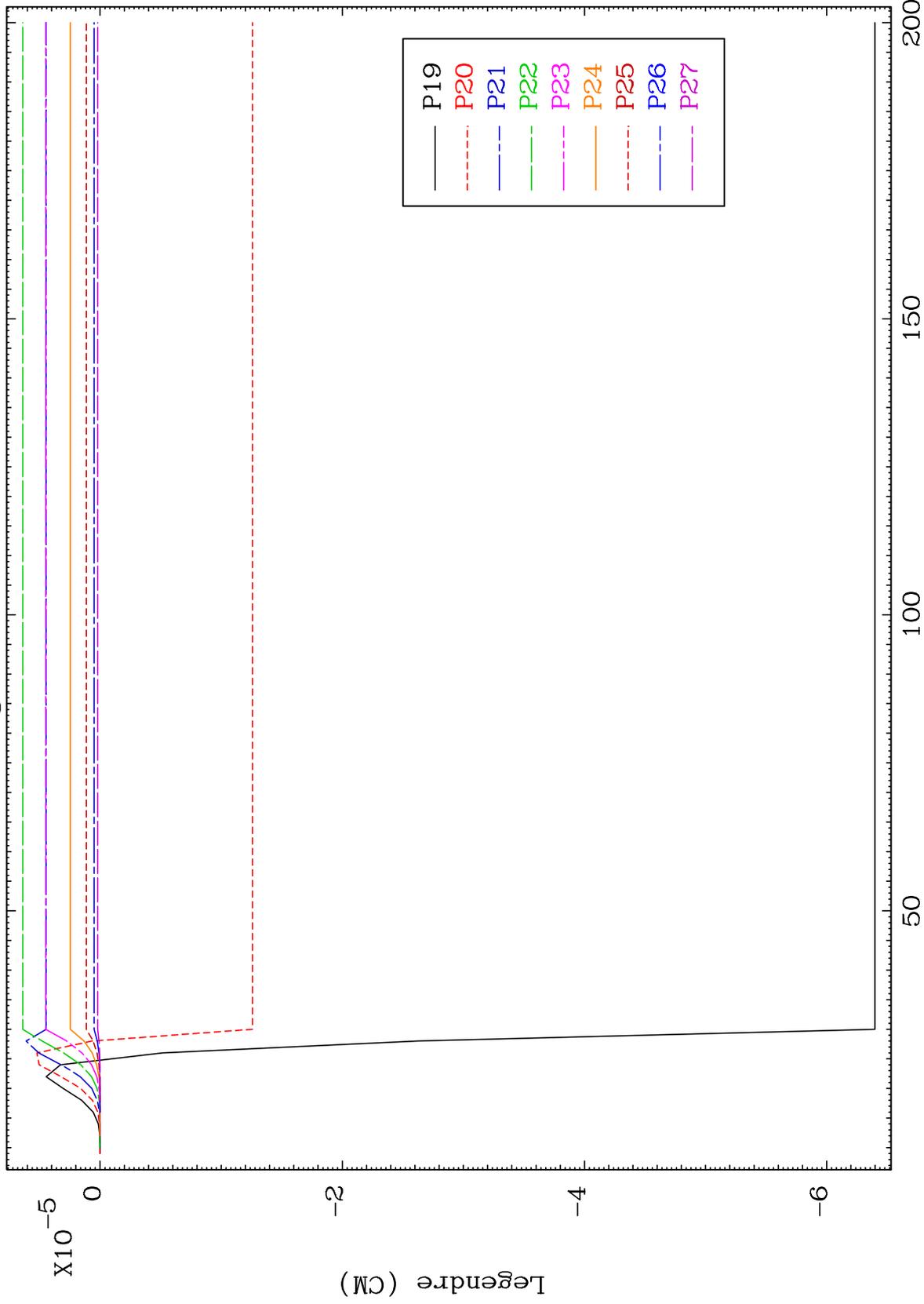
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



58

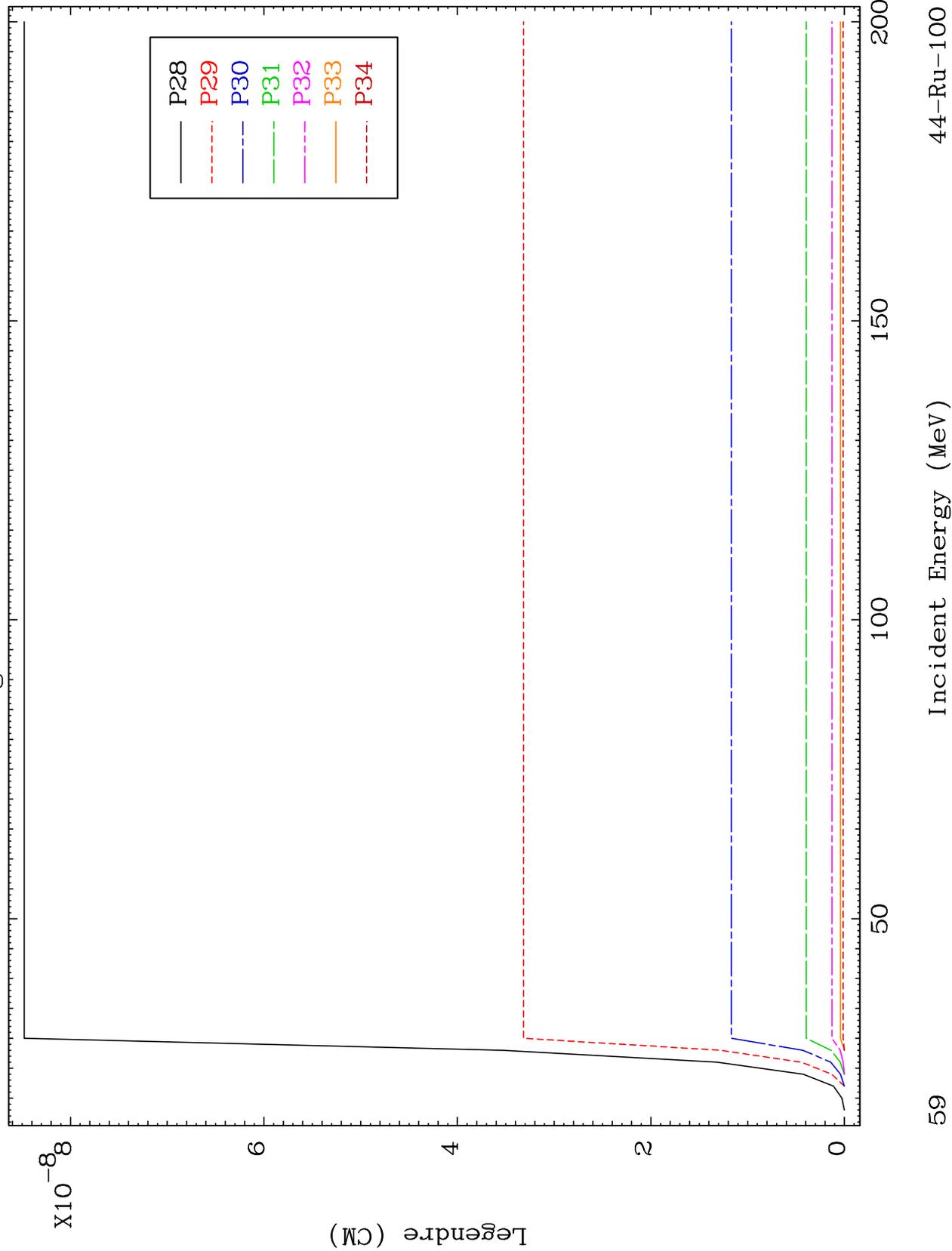
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



59

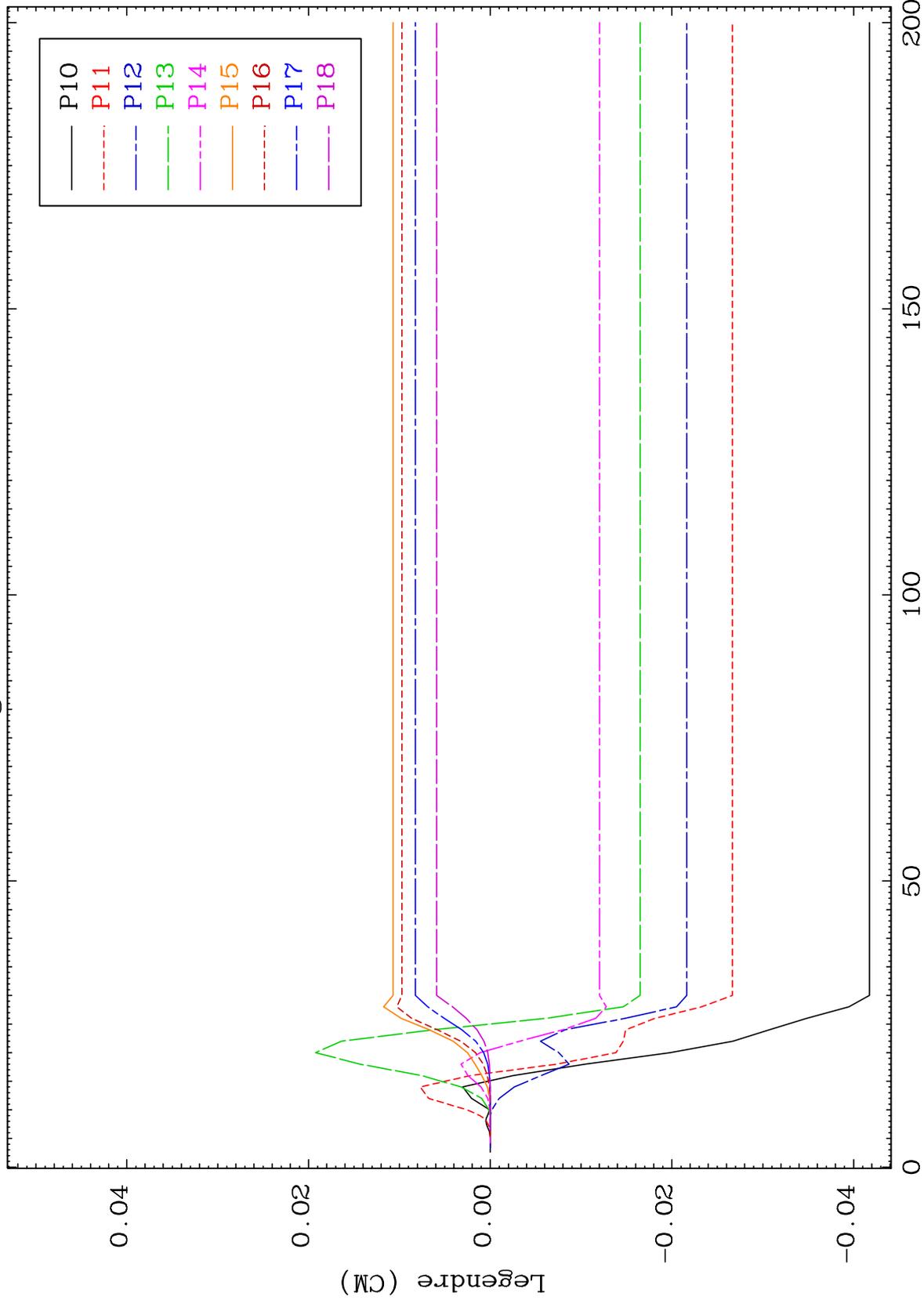
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



61

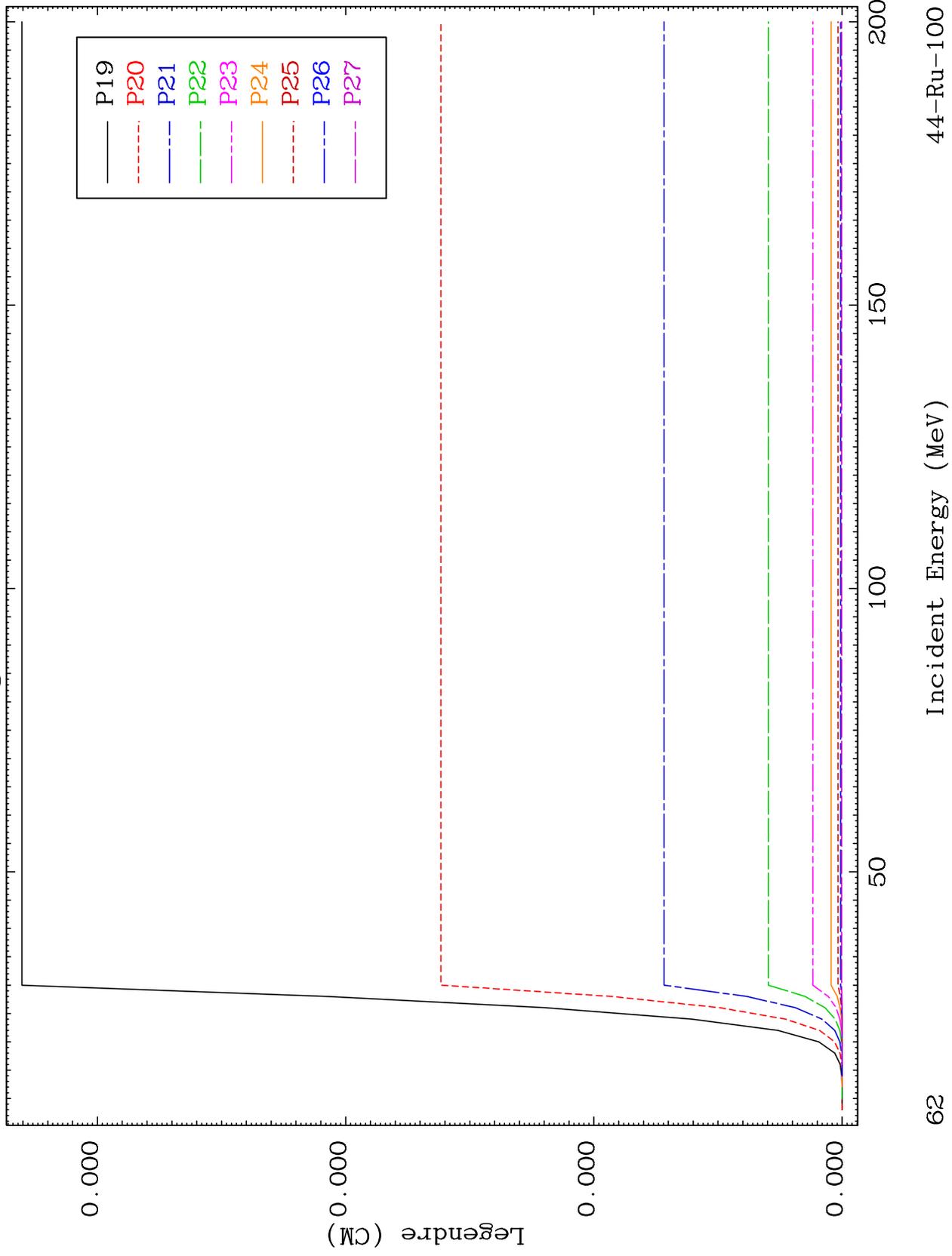
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



62

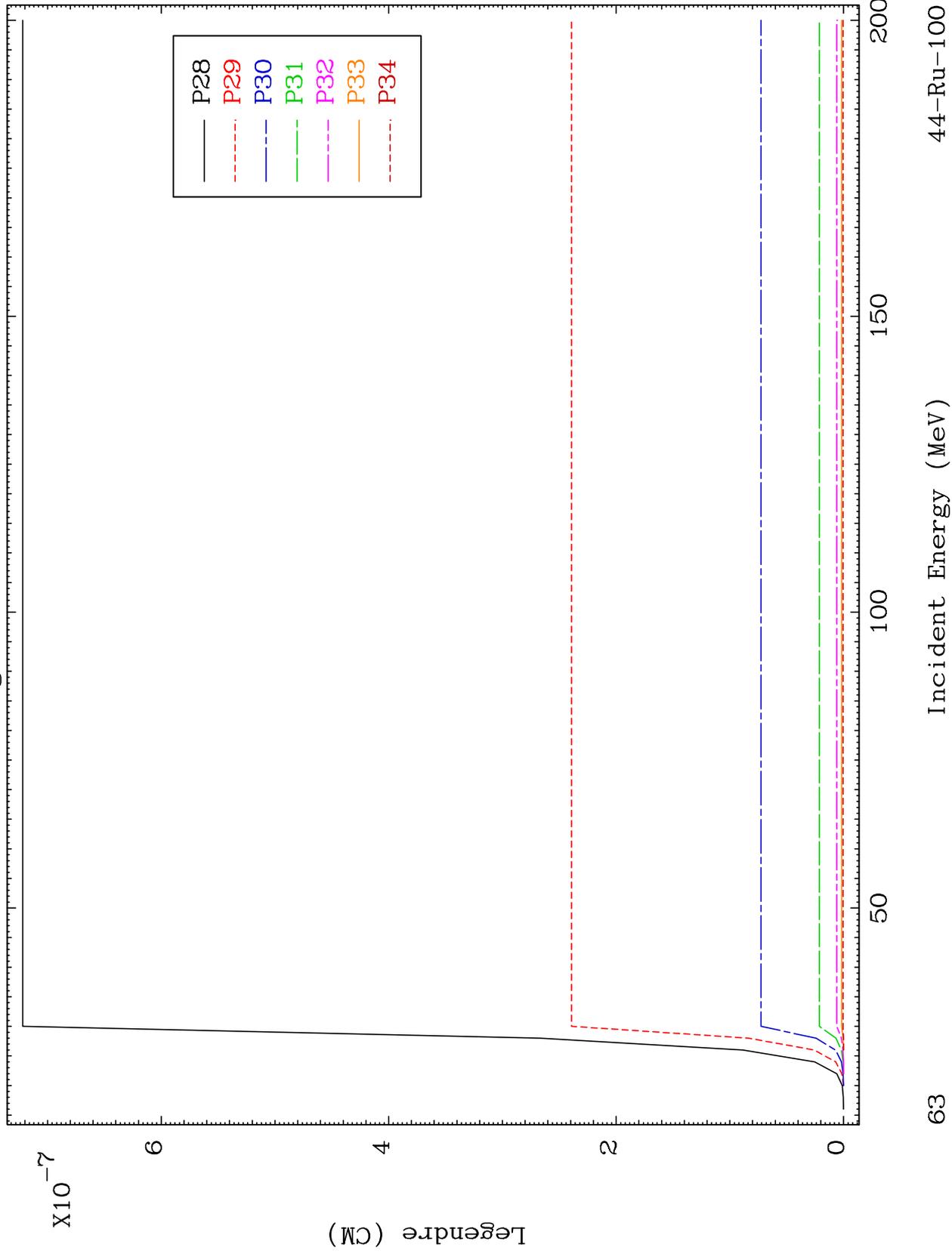
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

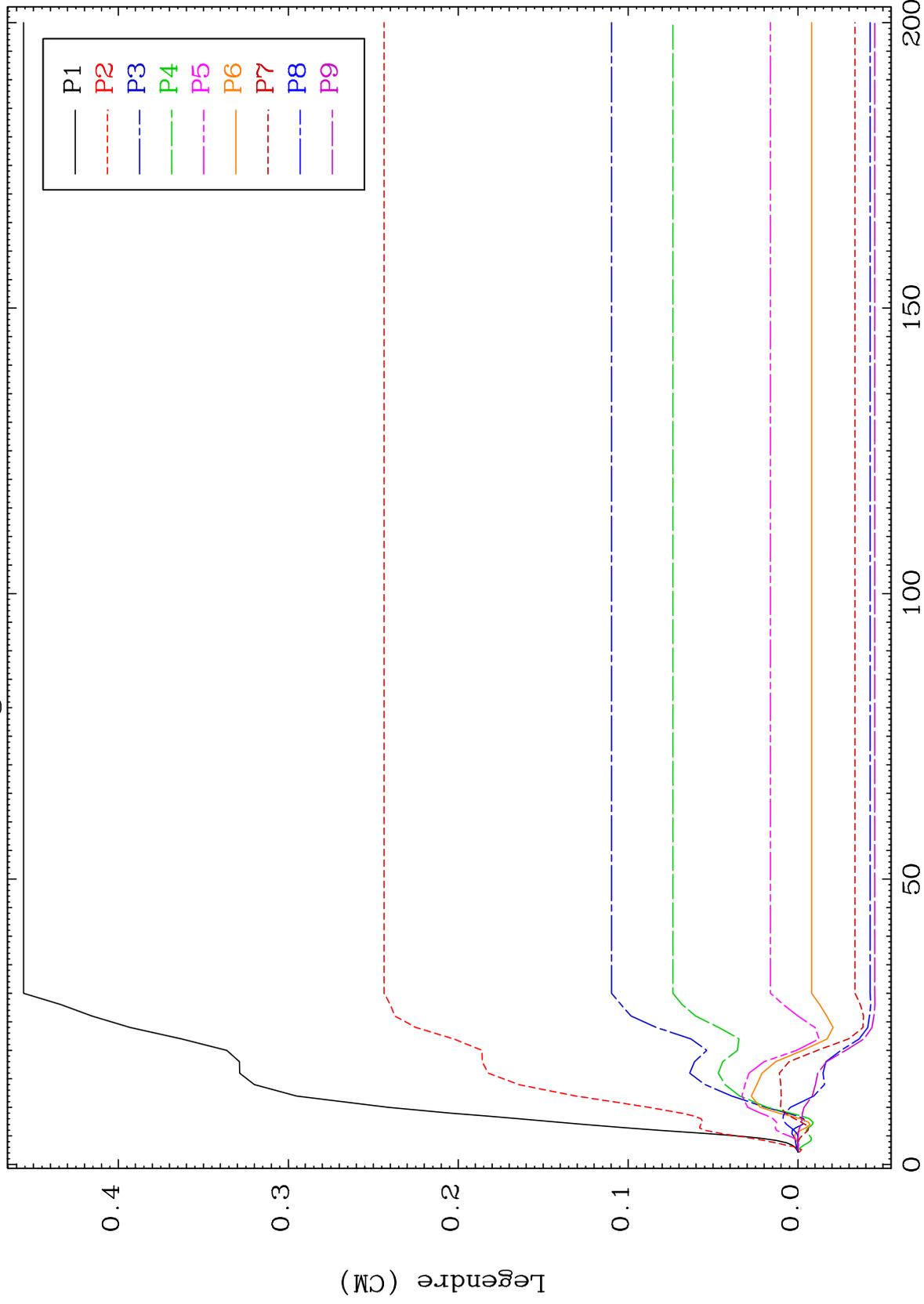
44-Ru-100



MAT 4437

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

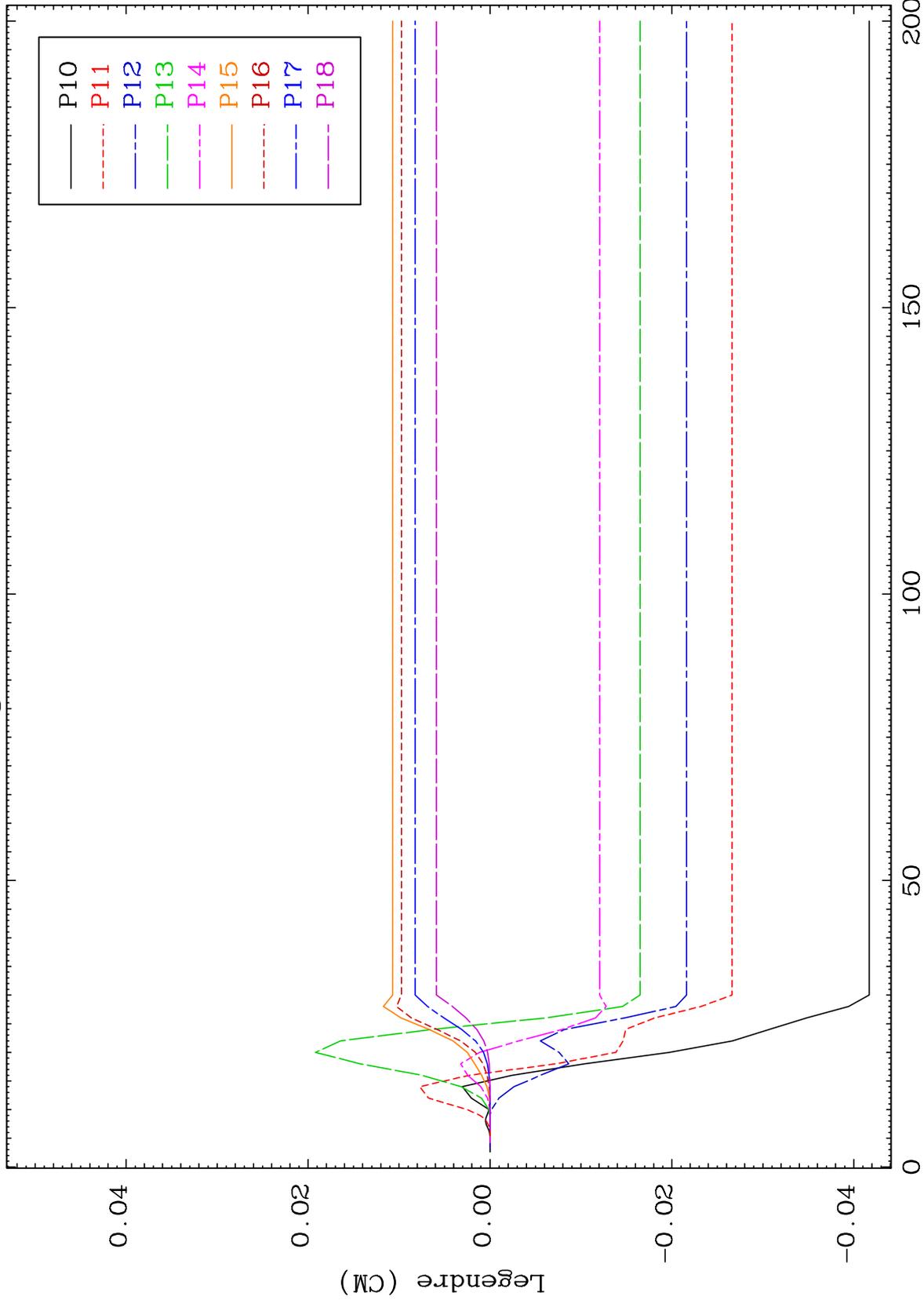
44-Ru-100



MAT 4437

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

44-Ru-100



65

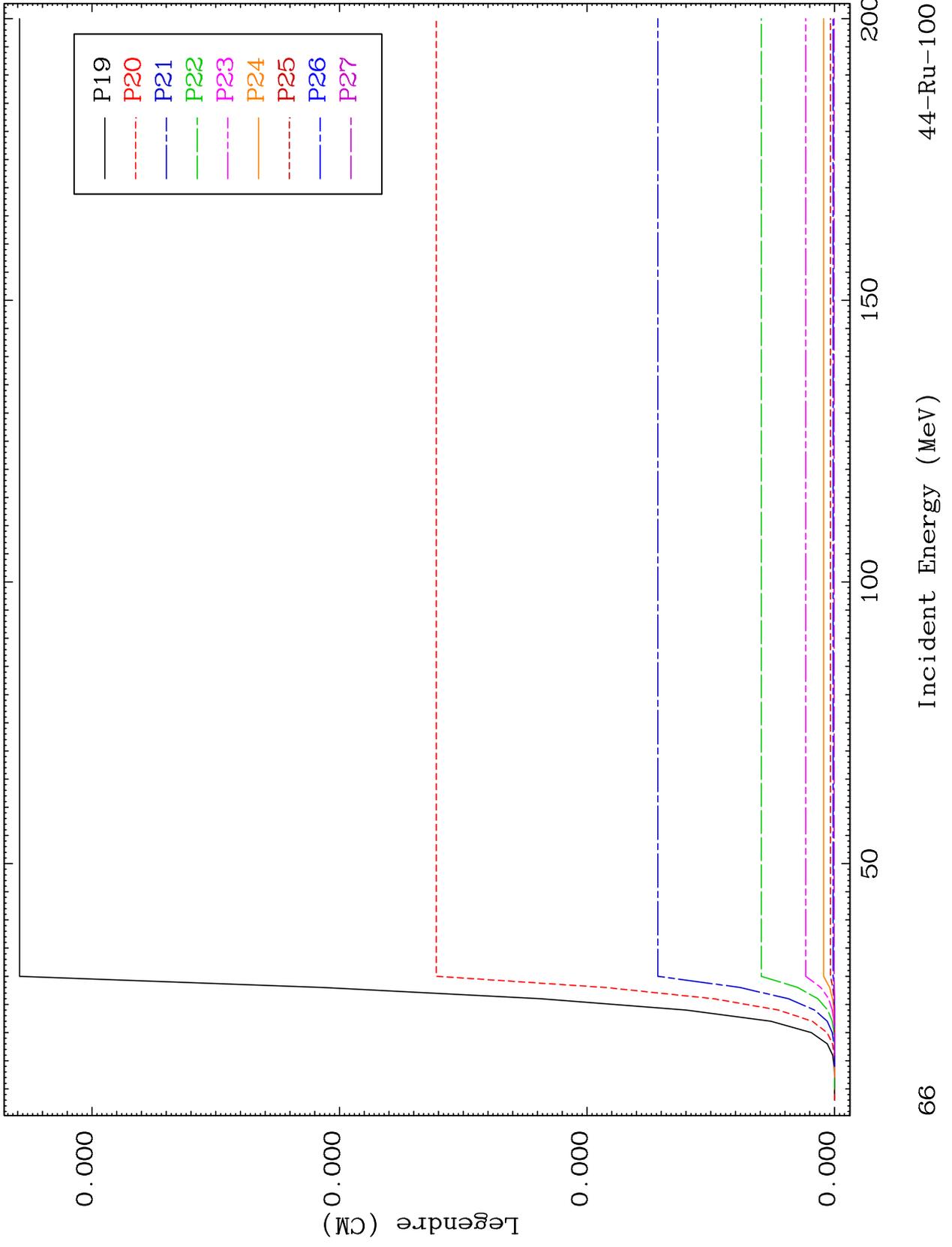
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

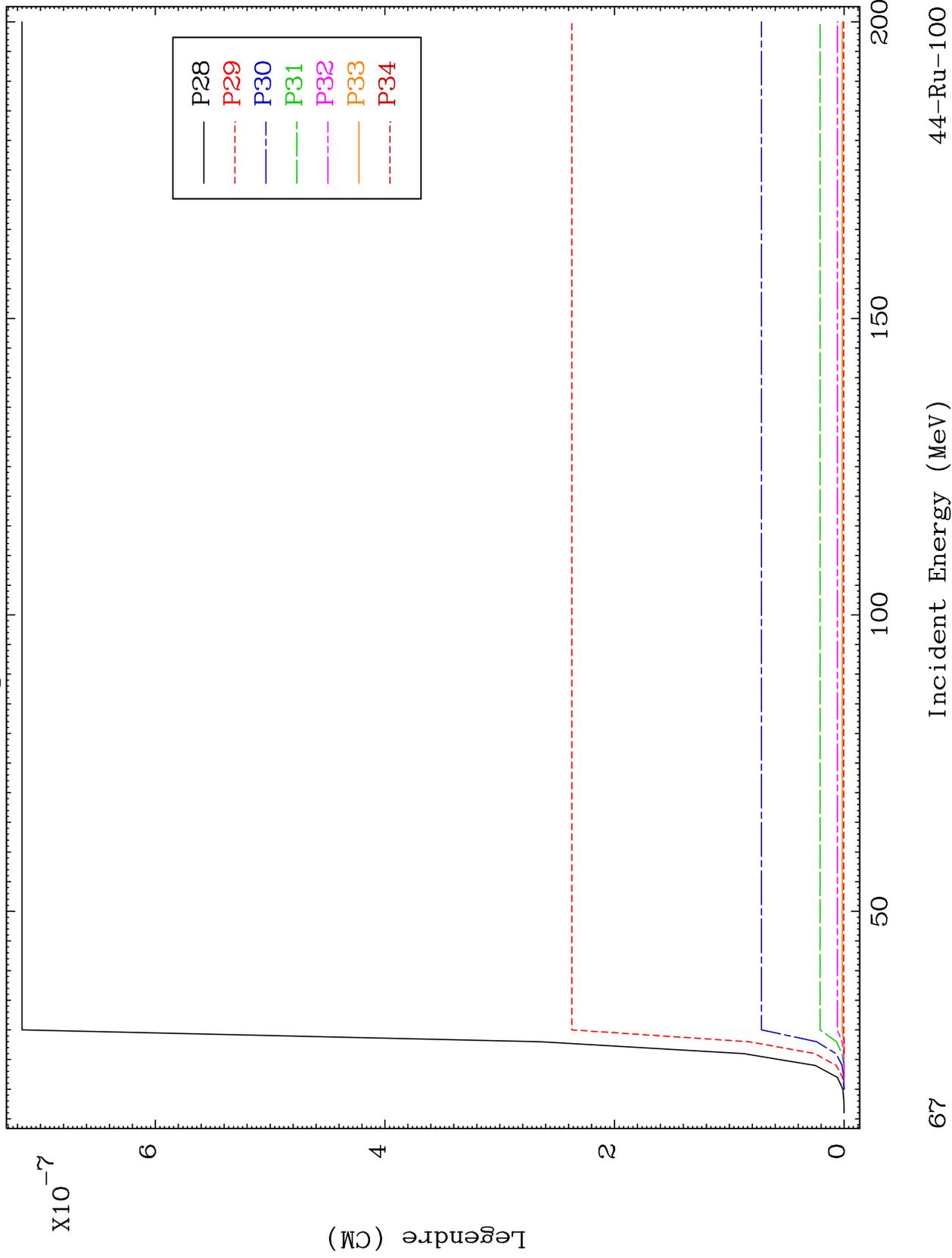
44-Ru-100



MAT 4437

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

44-Ru-100



67

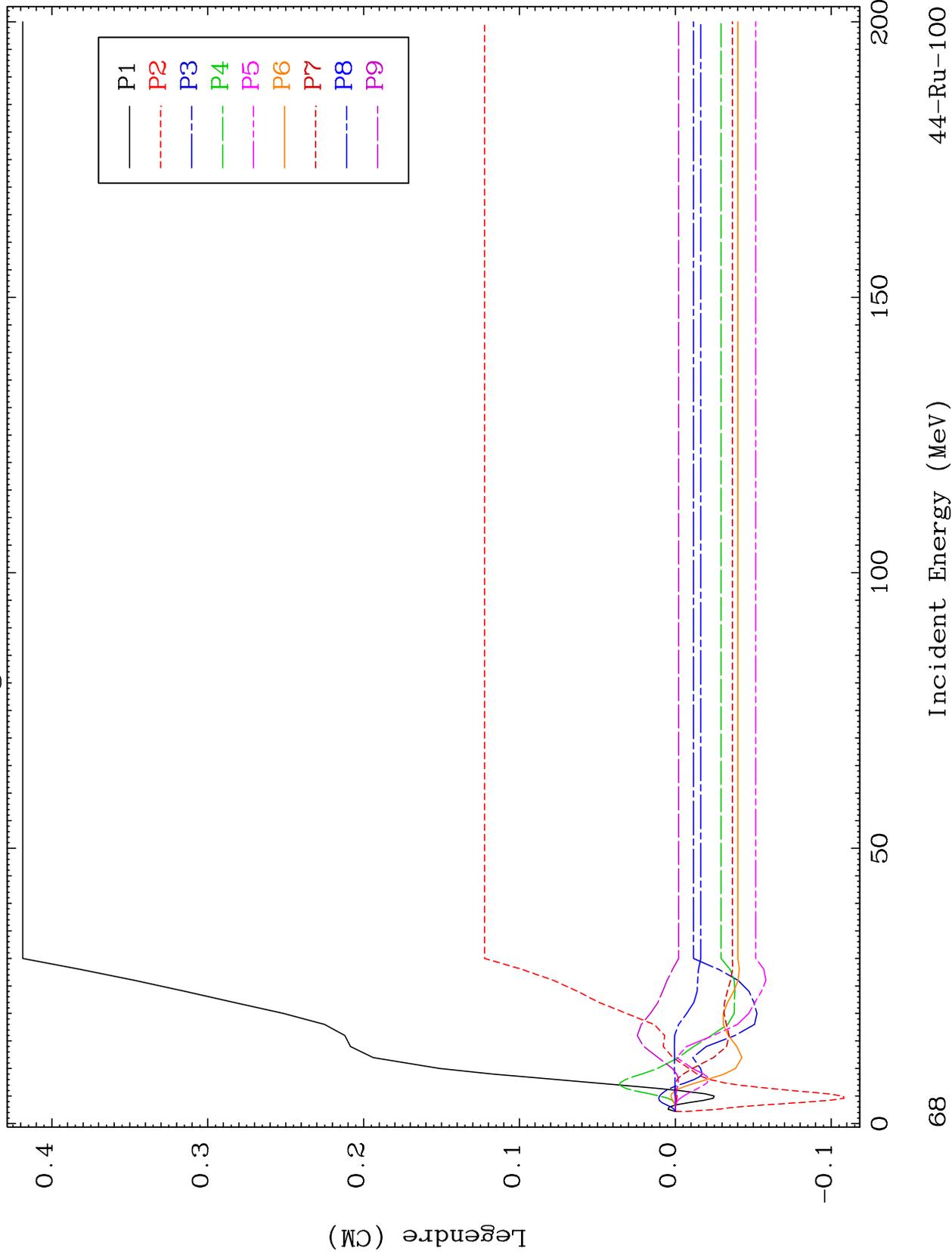
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



44-Ru-100

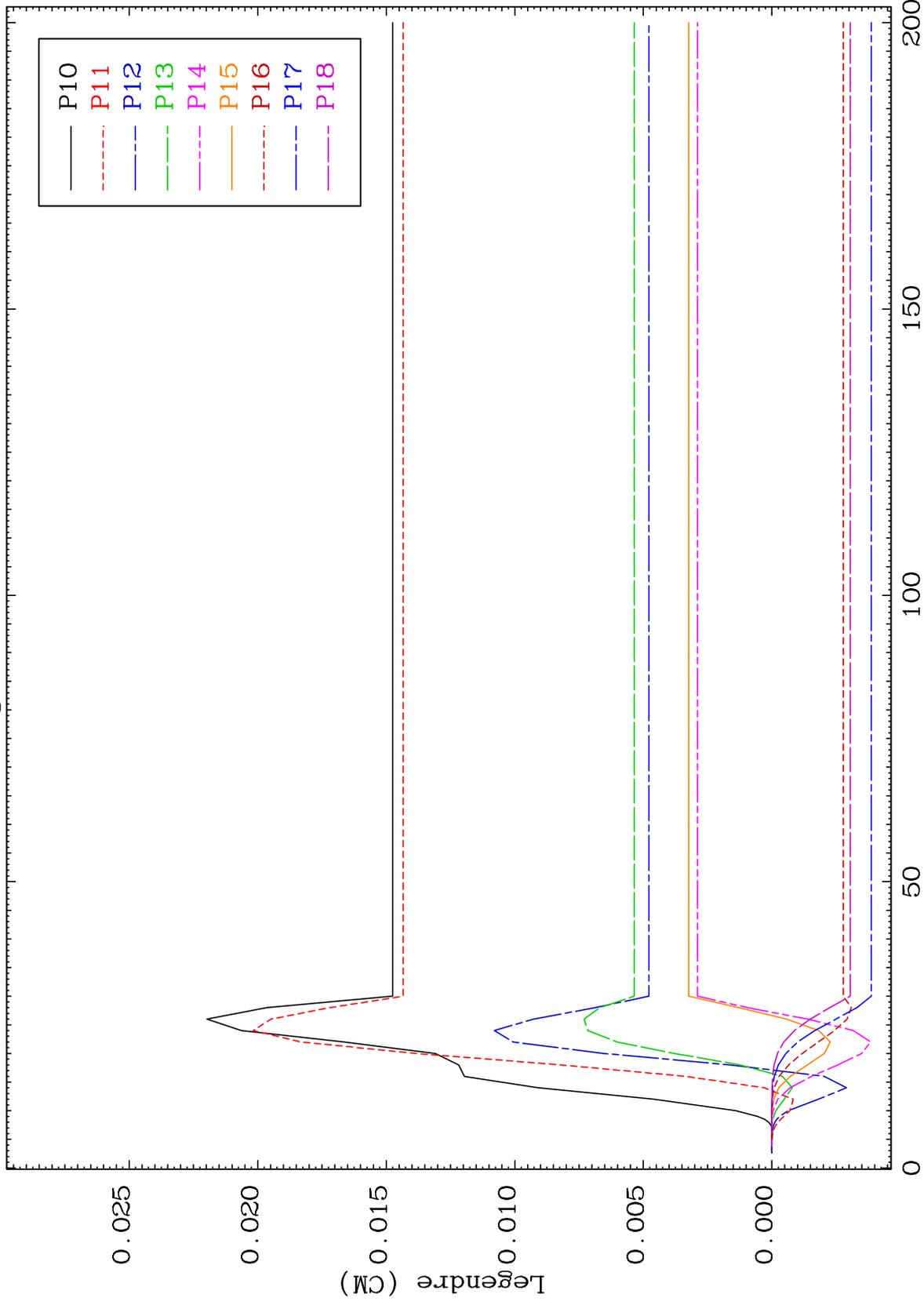
Incident Energy (MeV)

68

MAT 4437

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

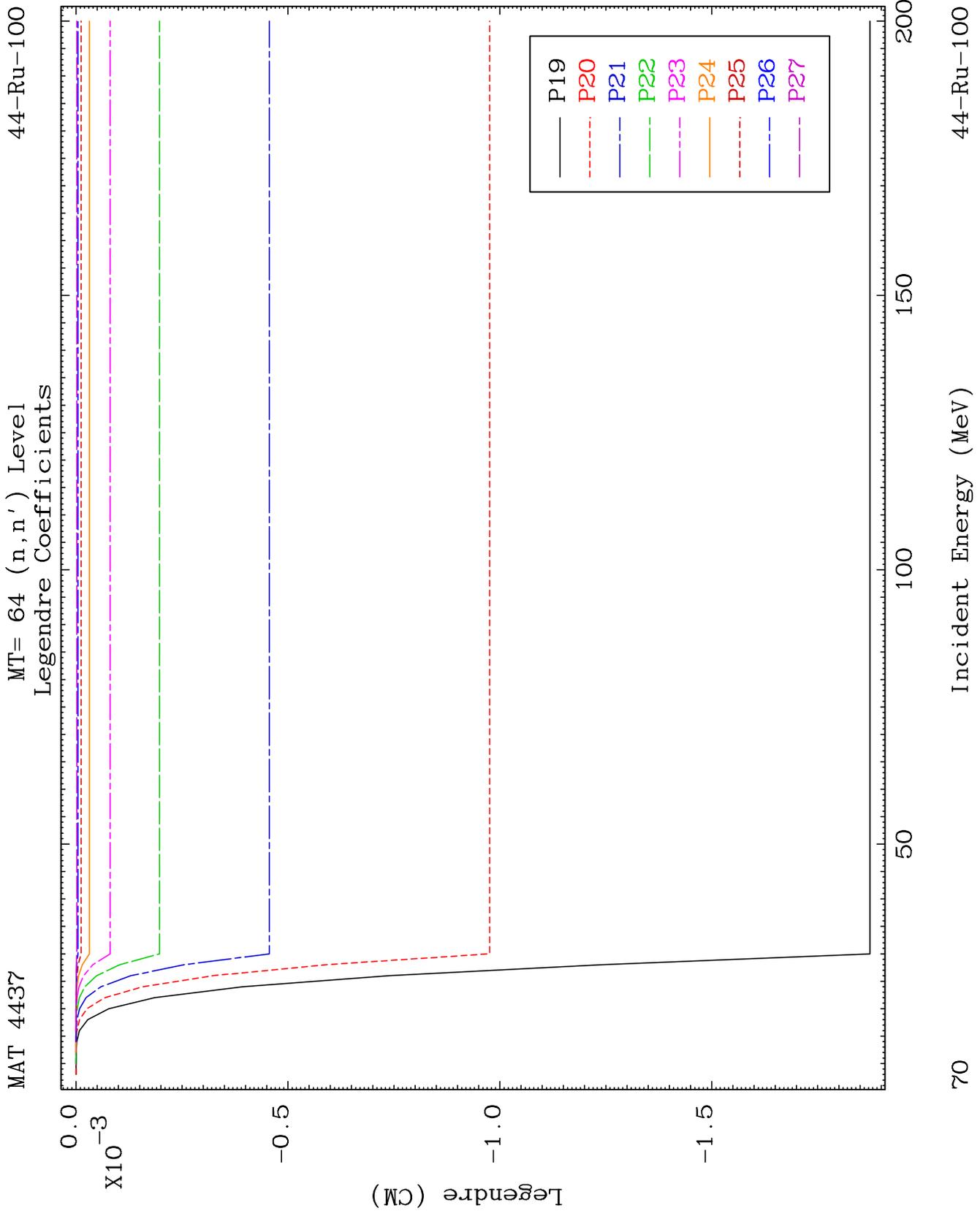
44-Ru-100

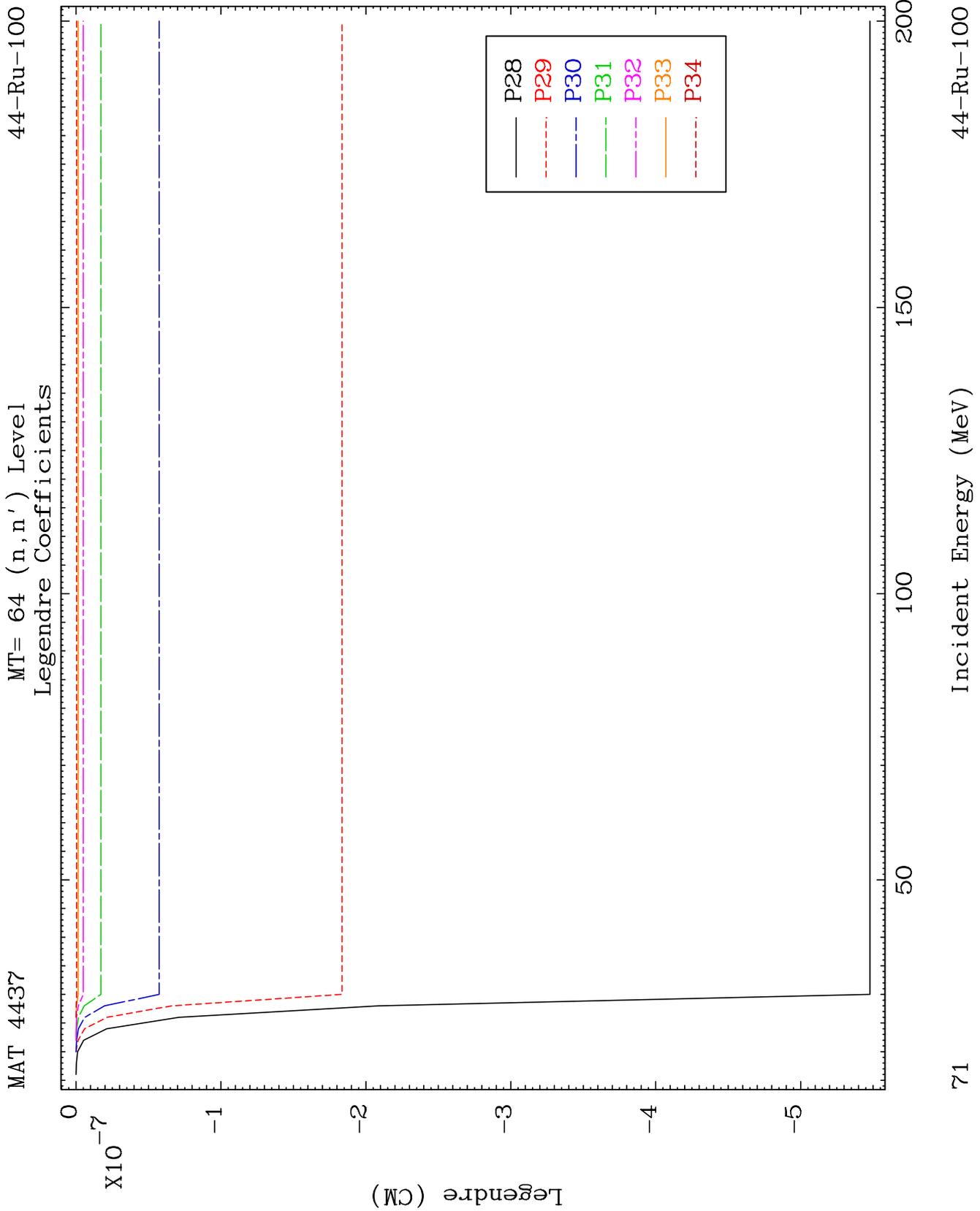


69

Incident Energy (MeV)

44-Ru-100

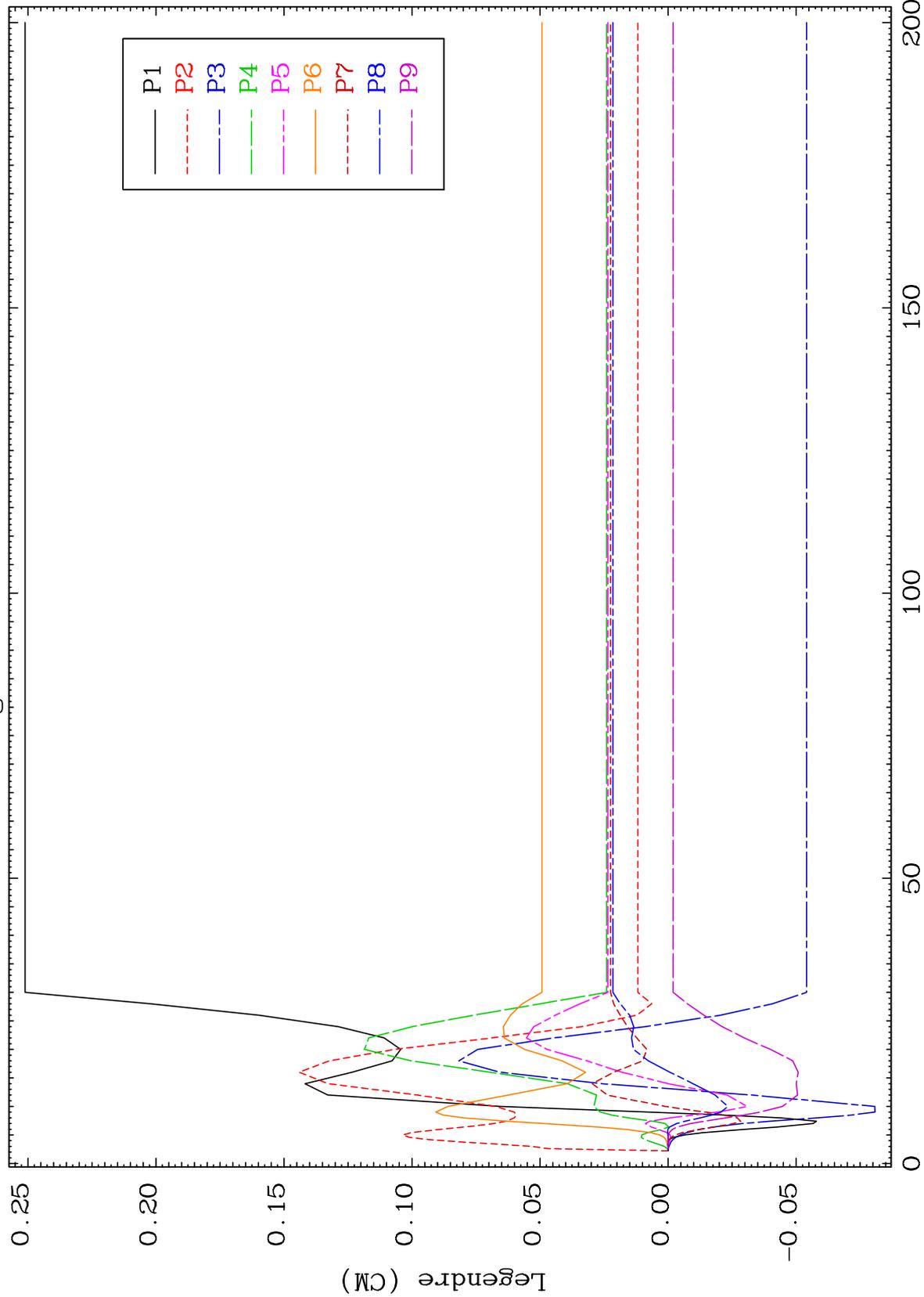




MAT 4437

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

44-Ru-100



72

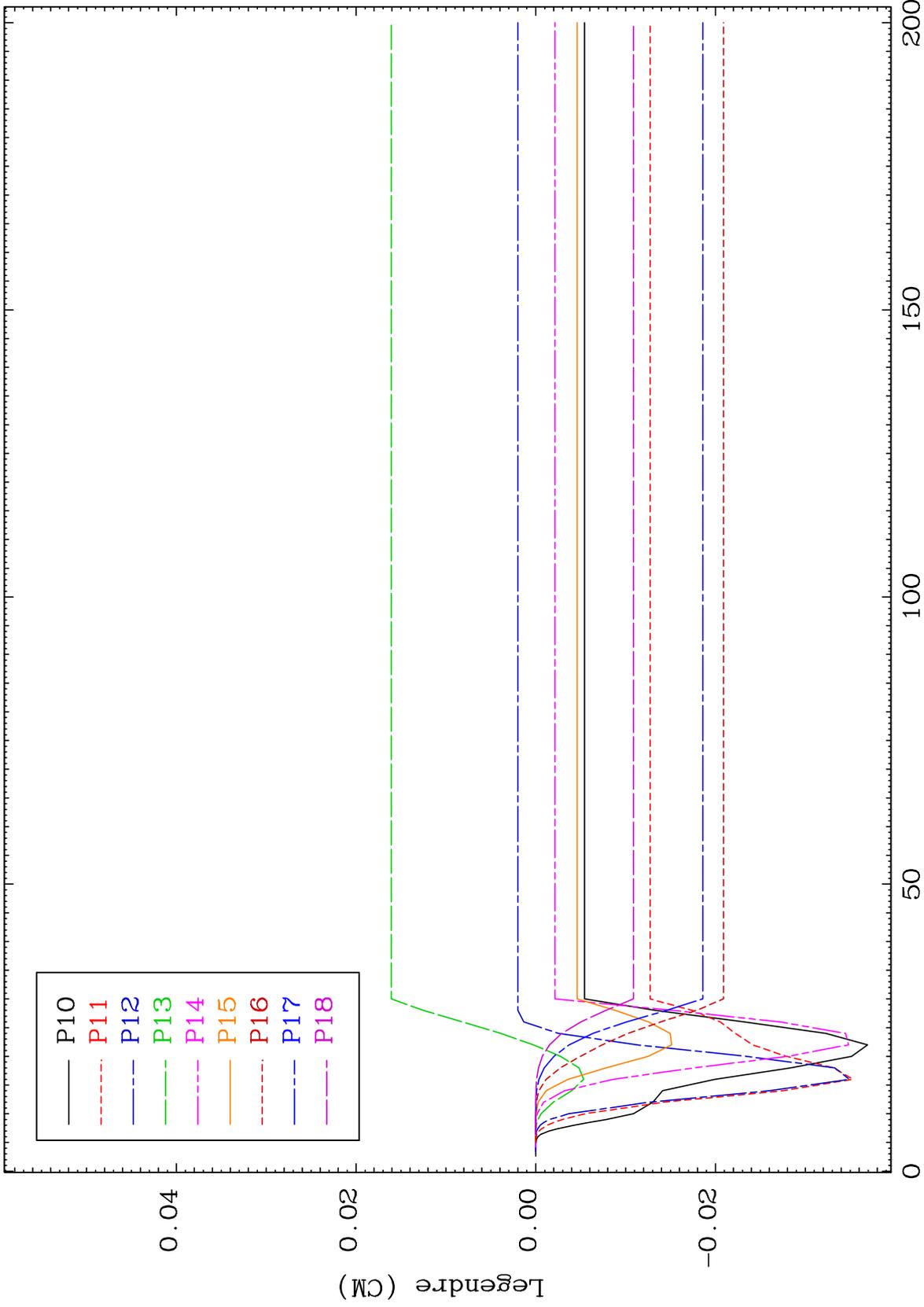
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

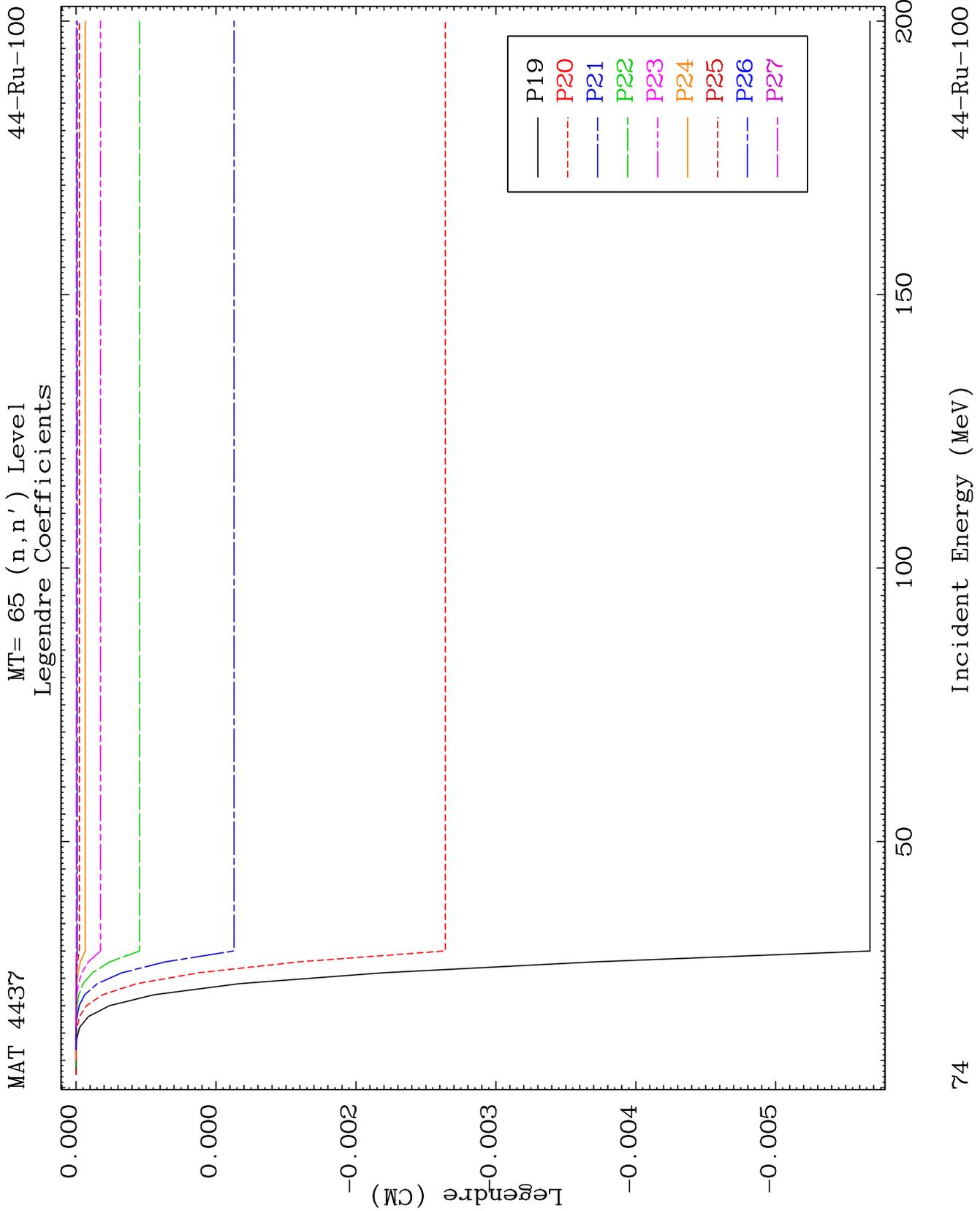
44-Ru-100

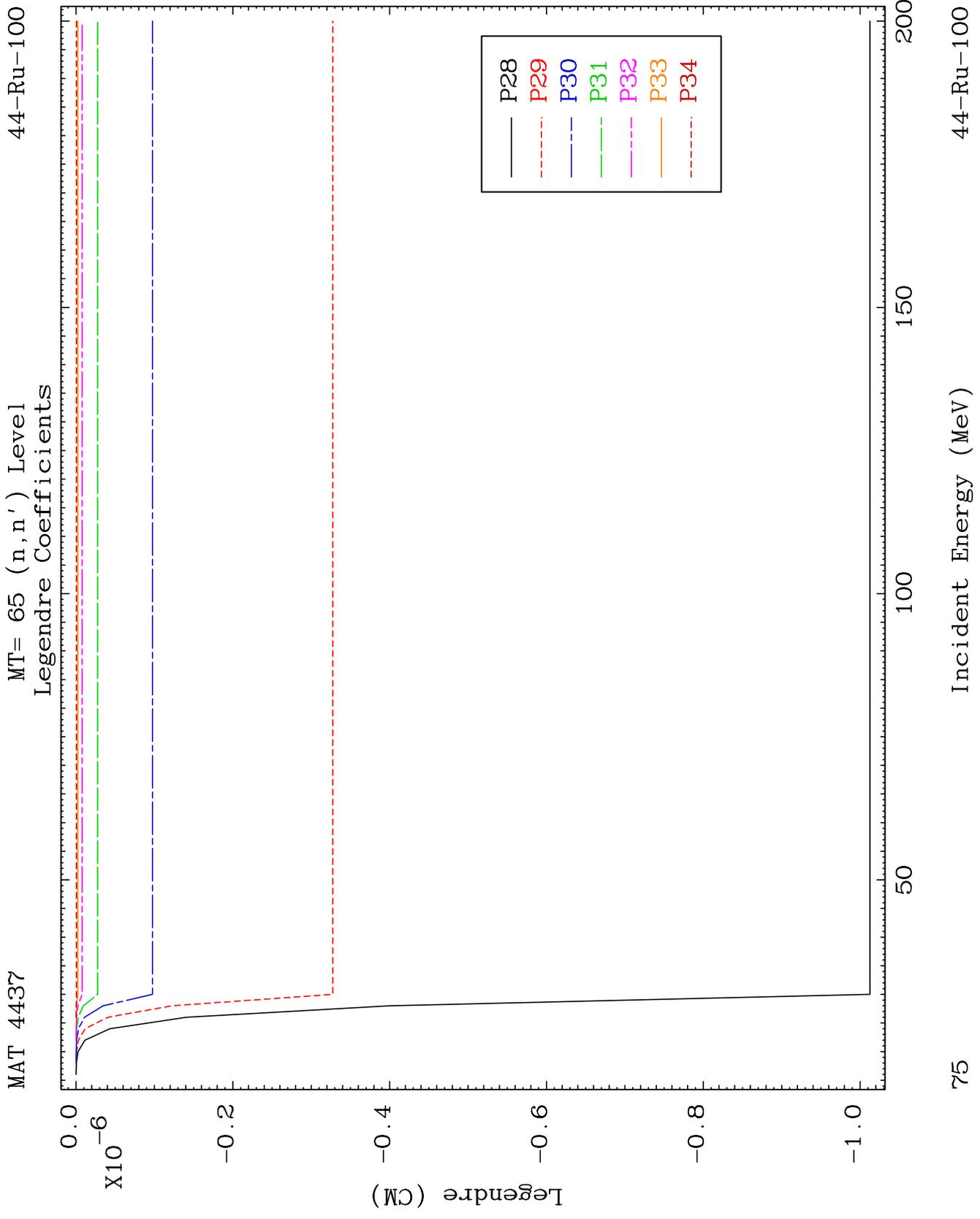


73

Incident Energy (MeV)

44-Ru-100

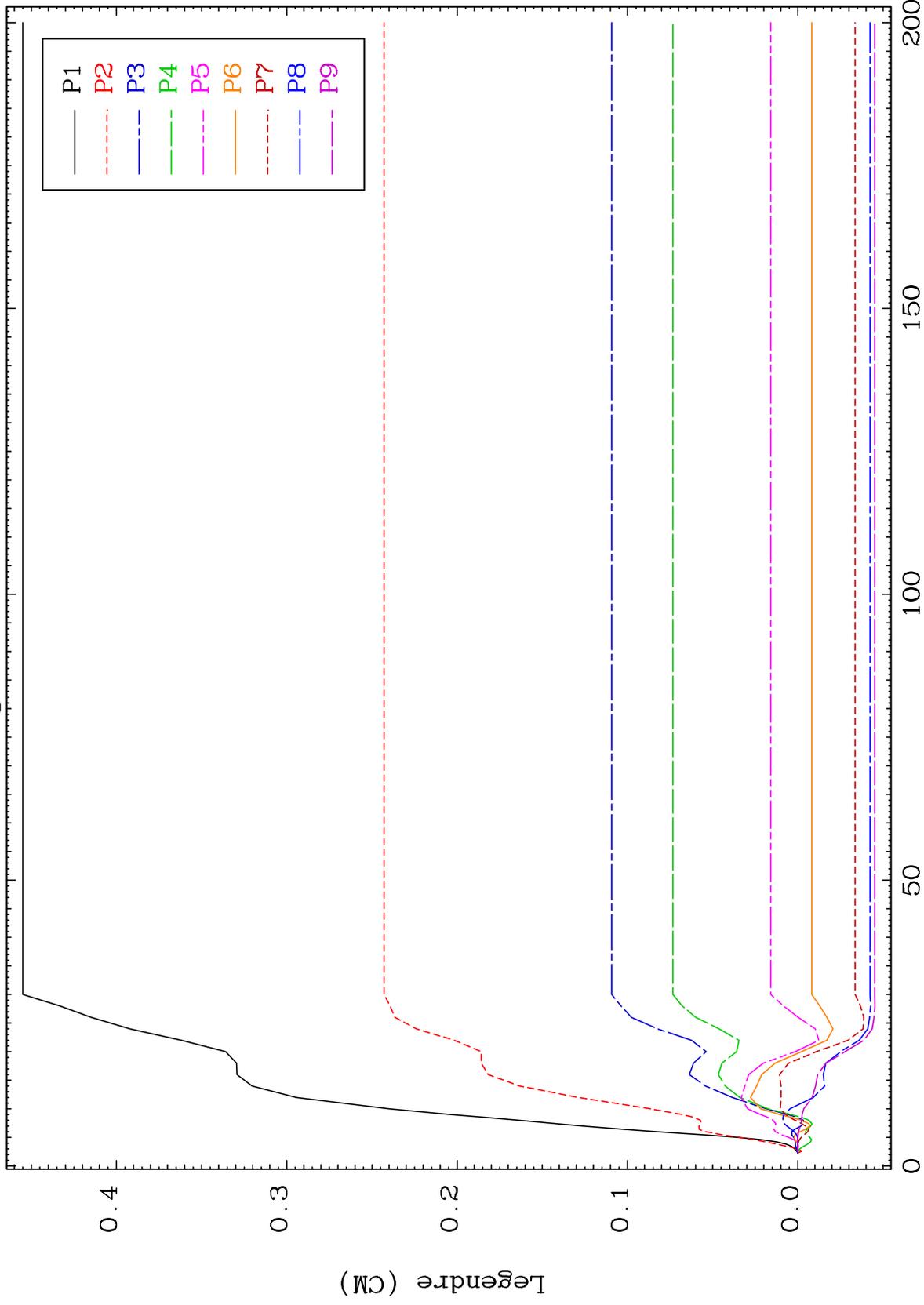




MAT 4437

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

44-Ru-100



76

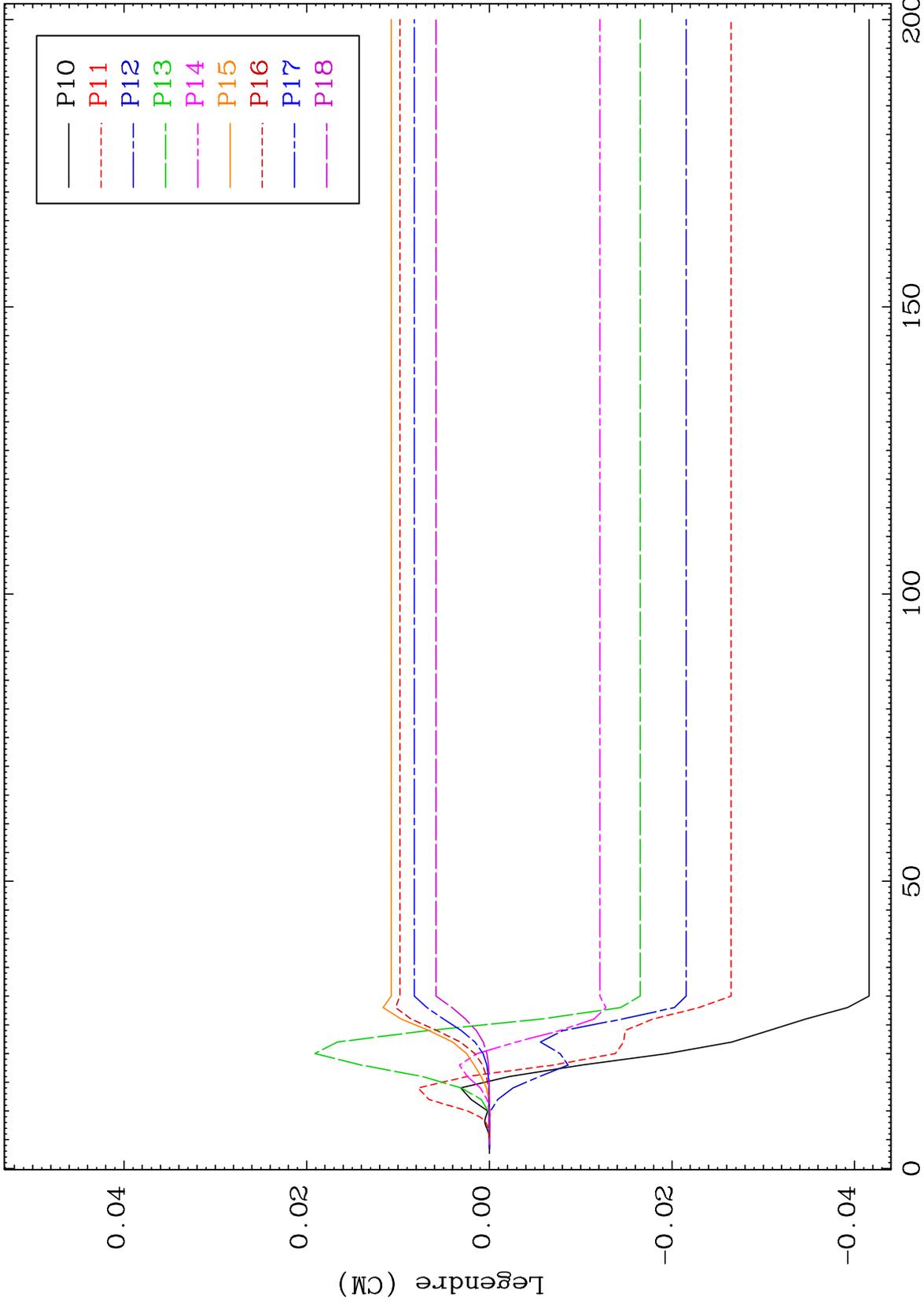
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



77

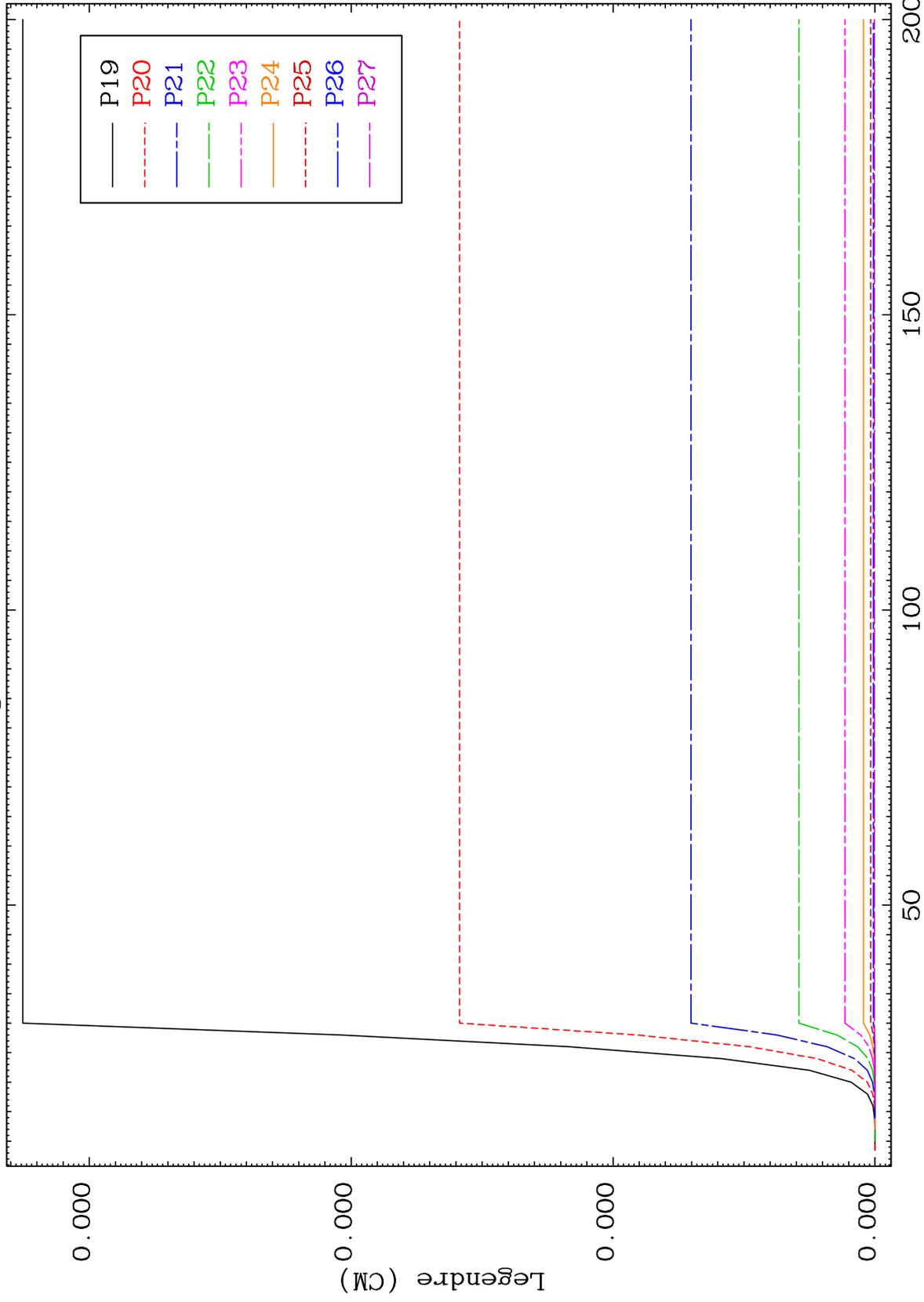
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



78

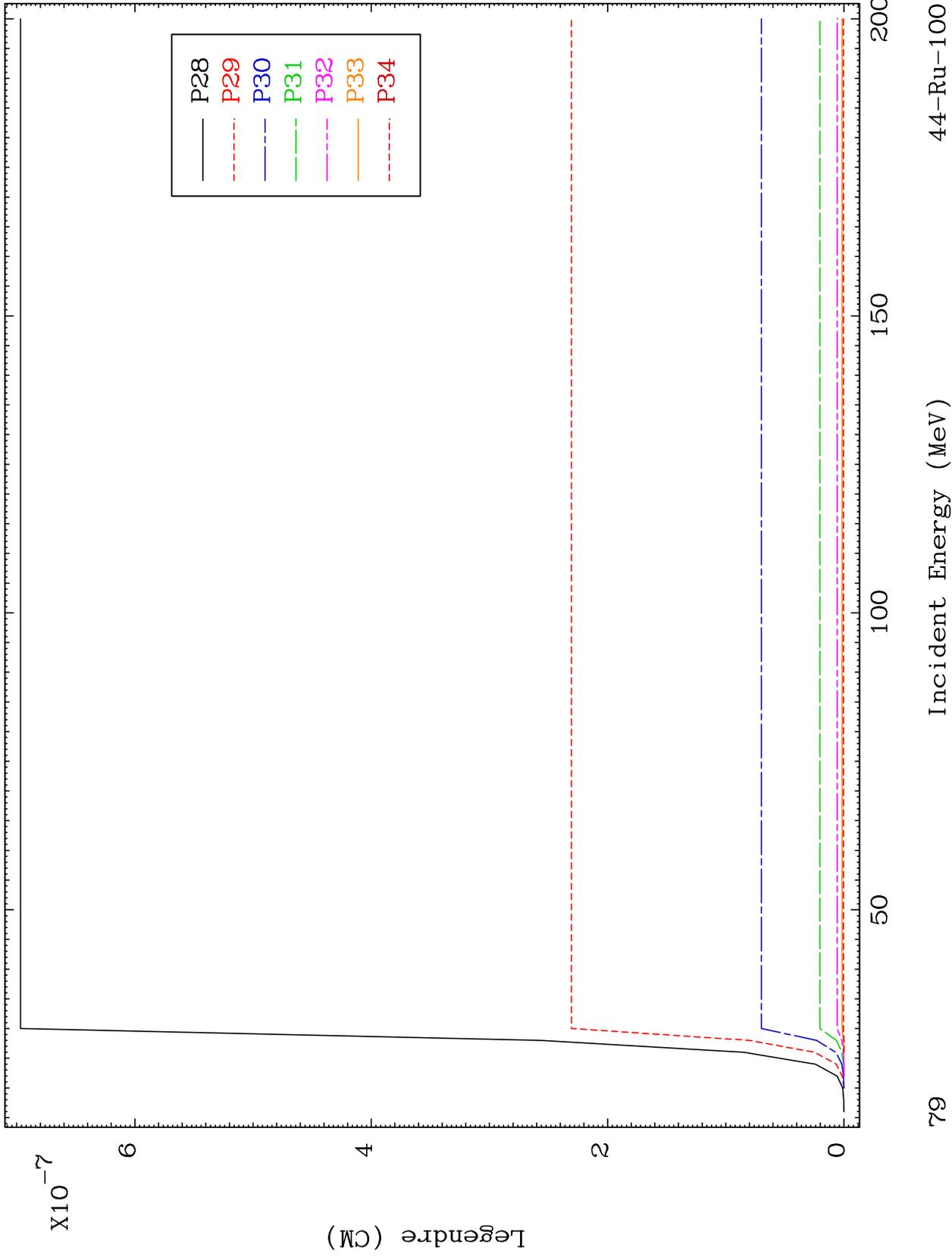
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

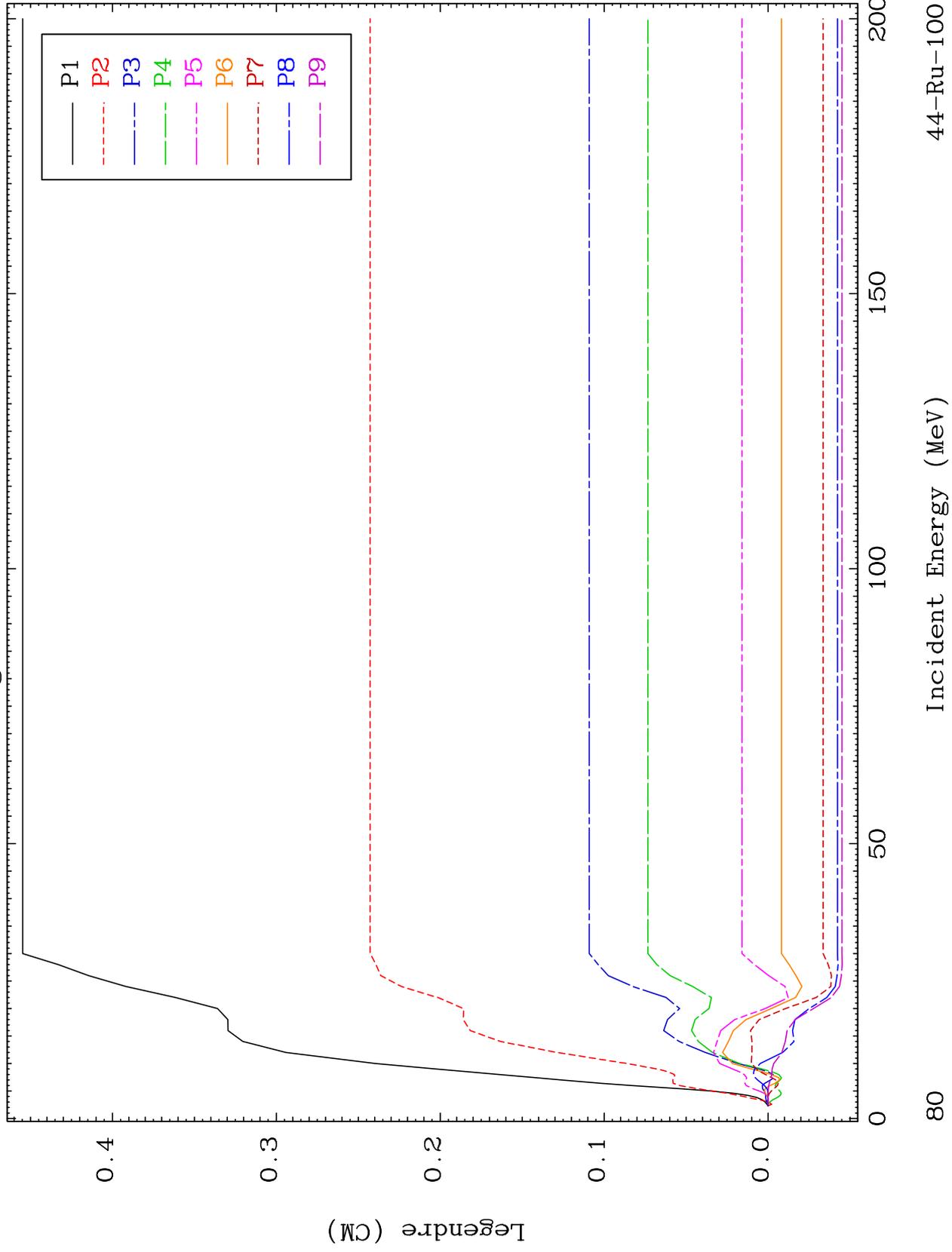
44-Ru-100



MAT 4437

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

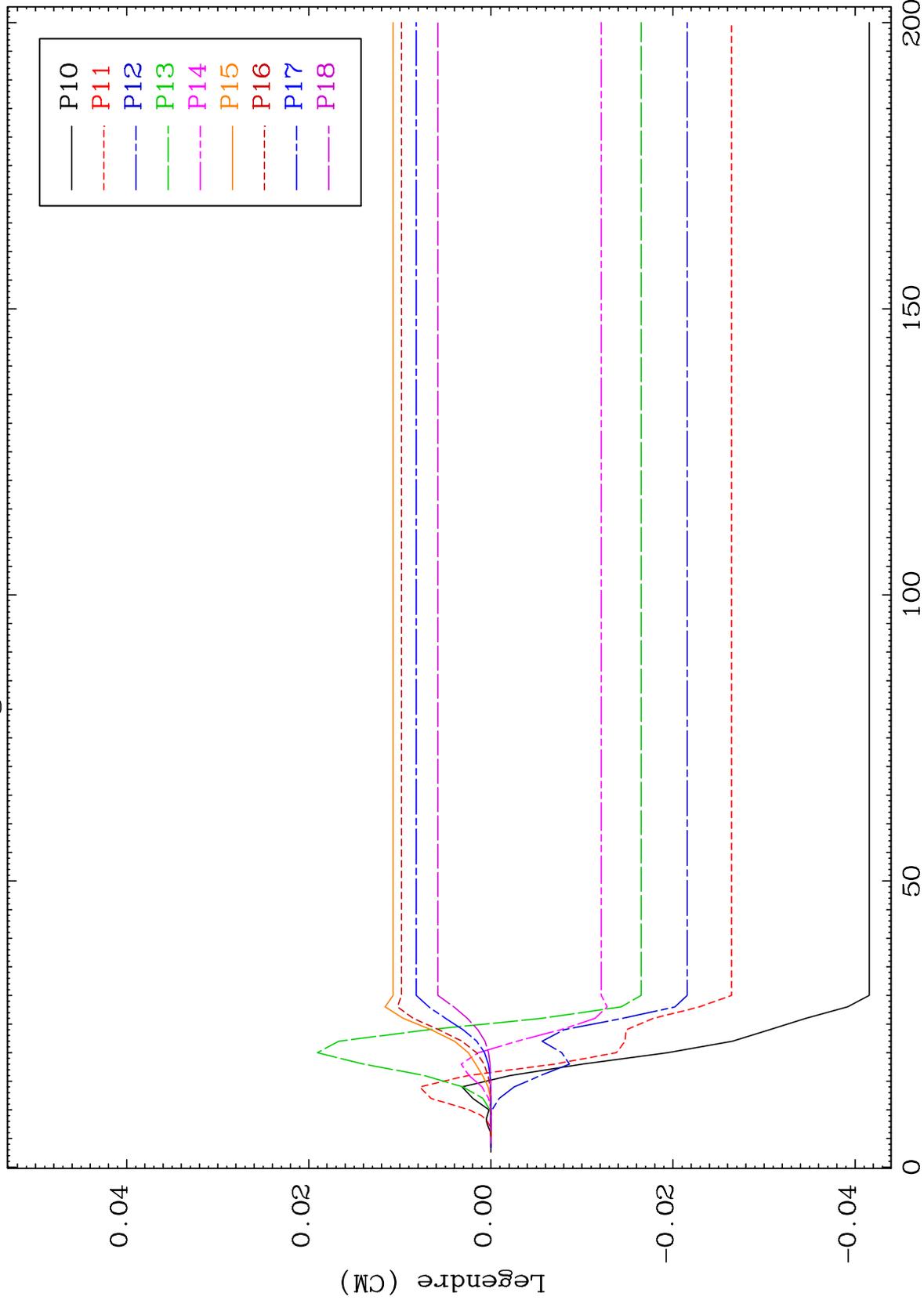
44-Ru-100



MAT 4437

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

44-Ru-100



81

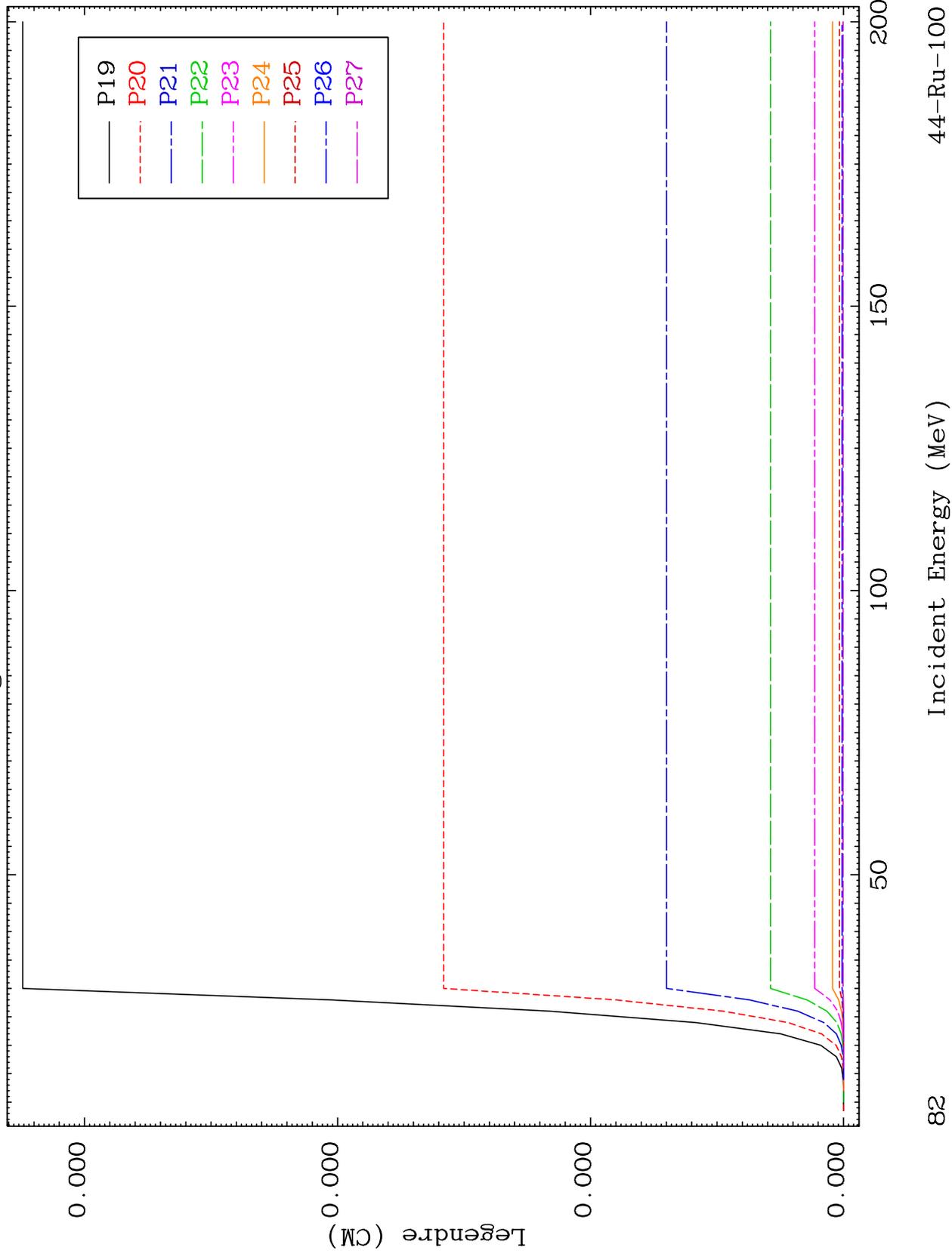
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

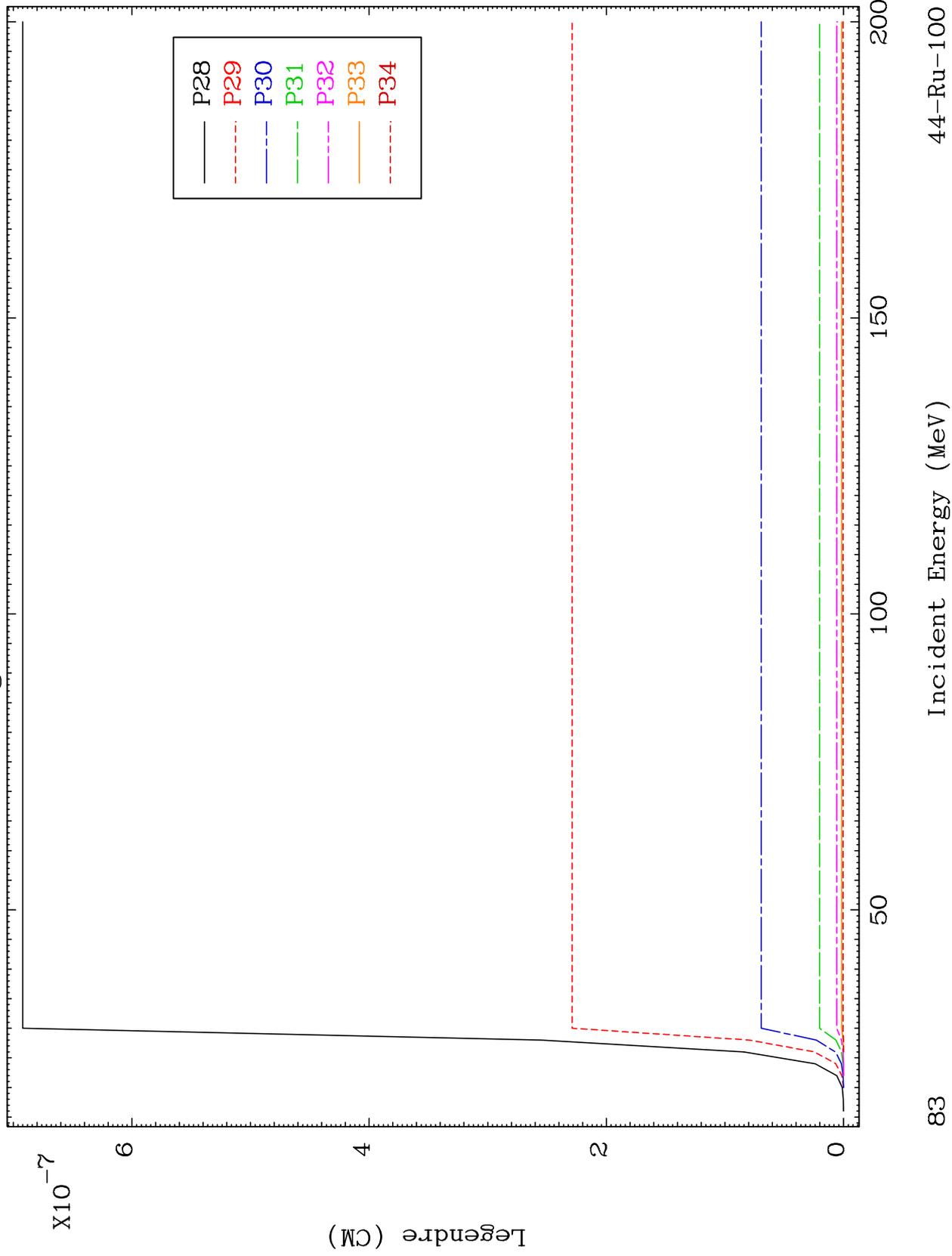
44-Ru-100



MAT 4437

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

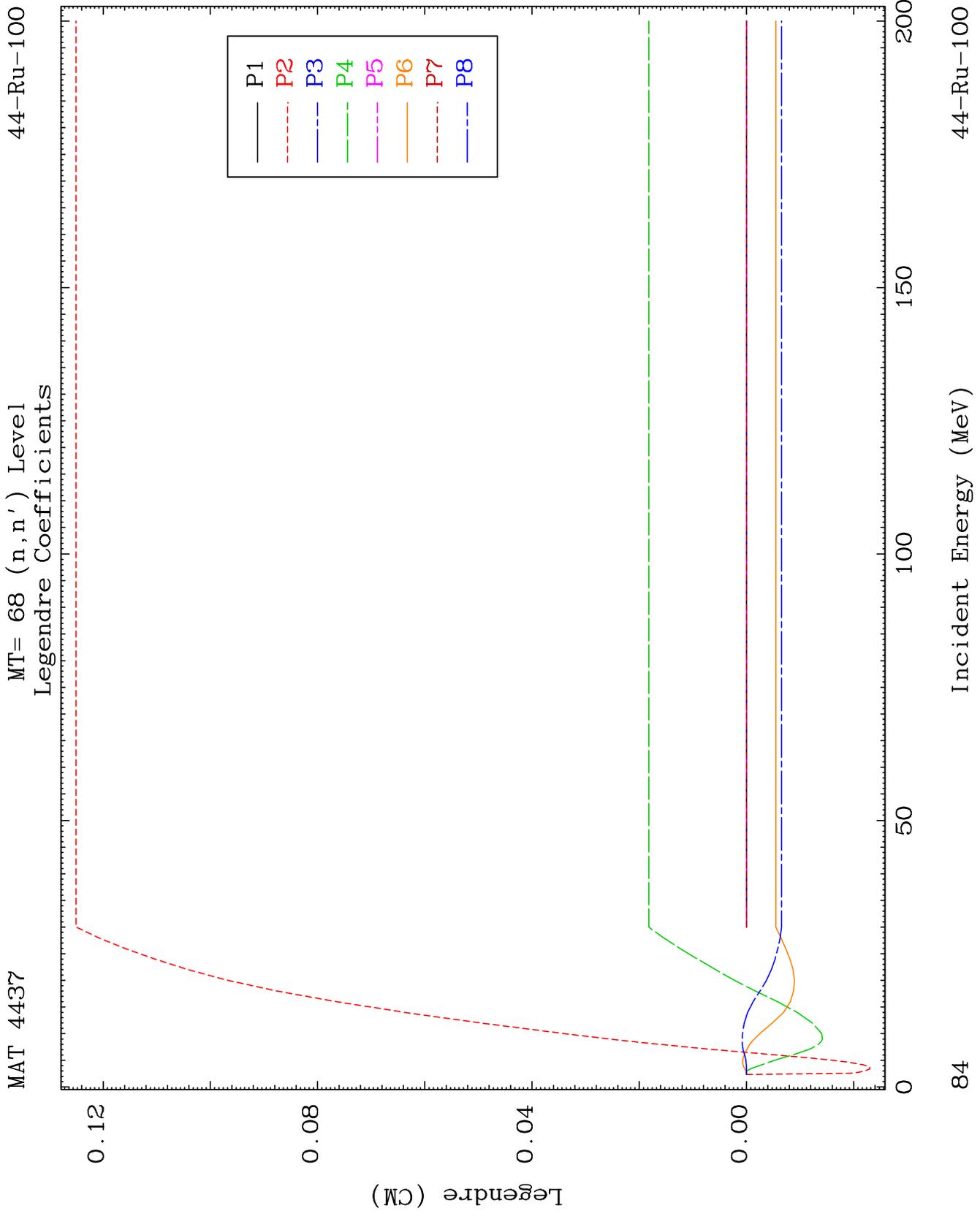
44-Ru-100



83

Incident Energy (MeV)

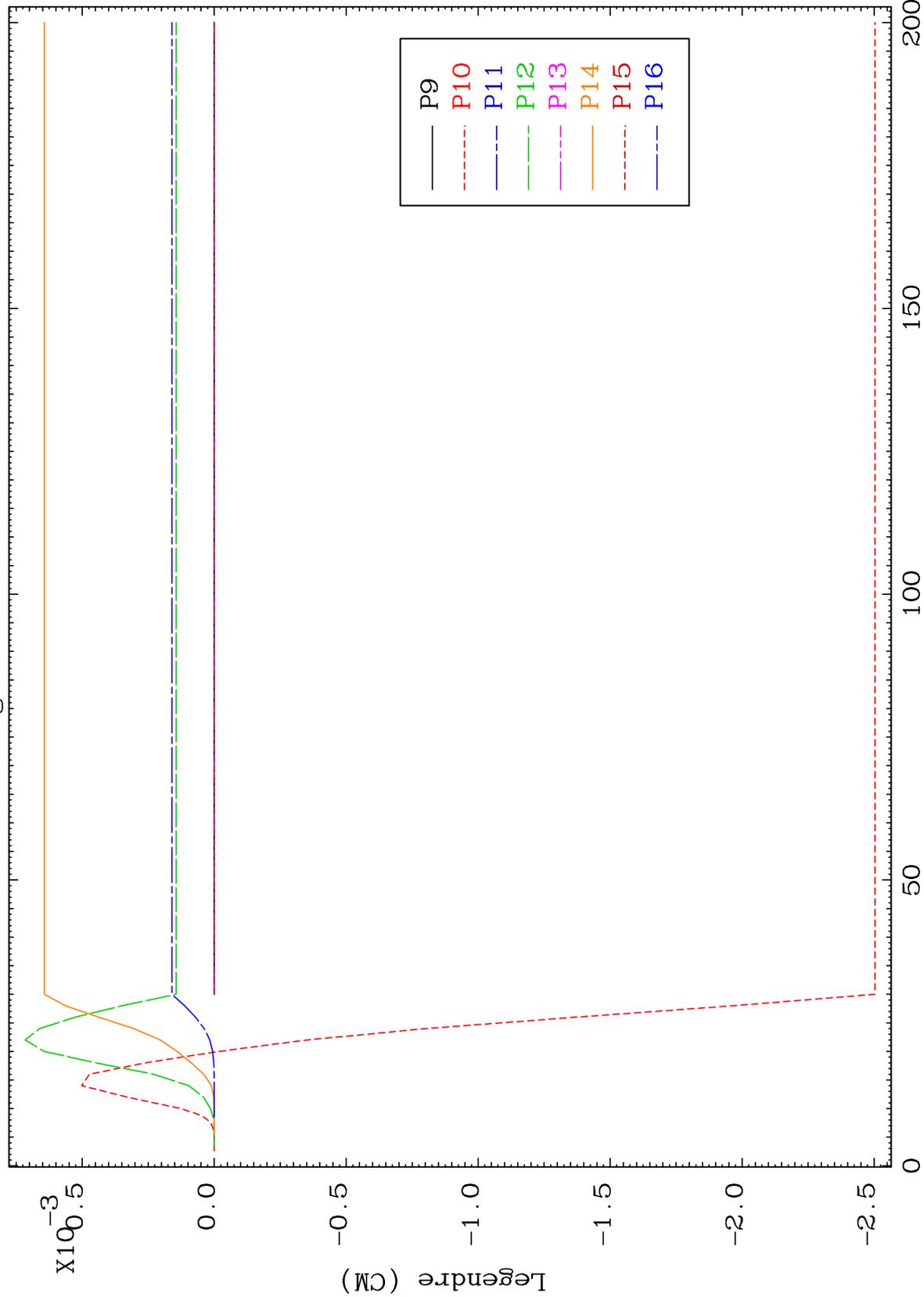
44-Ru-100



MAT 4437

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

44-Ru-100



85

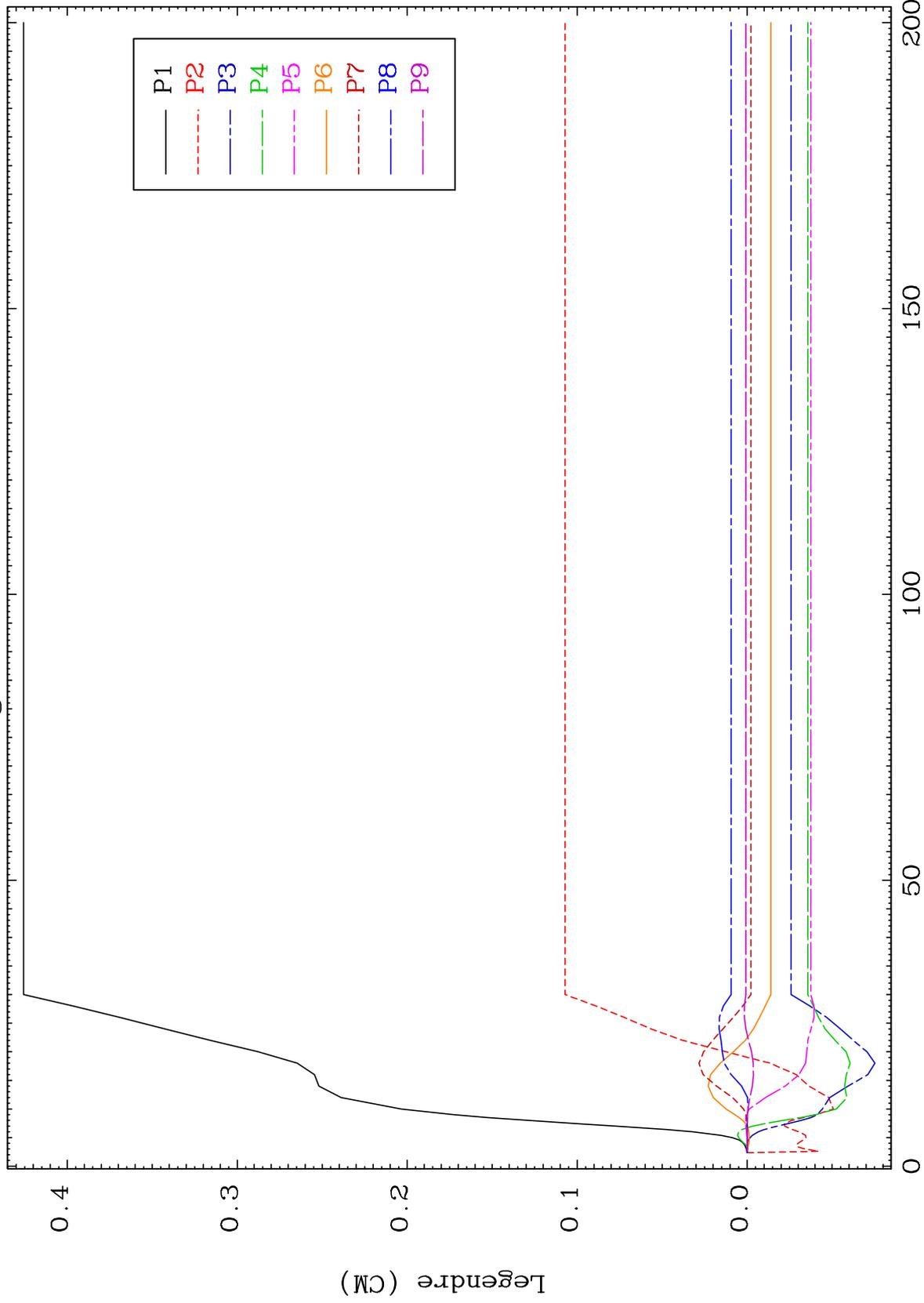
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



87

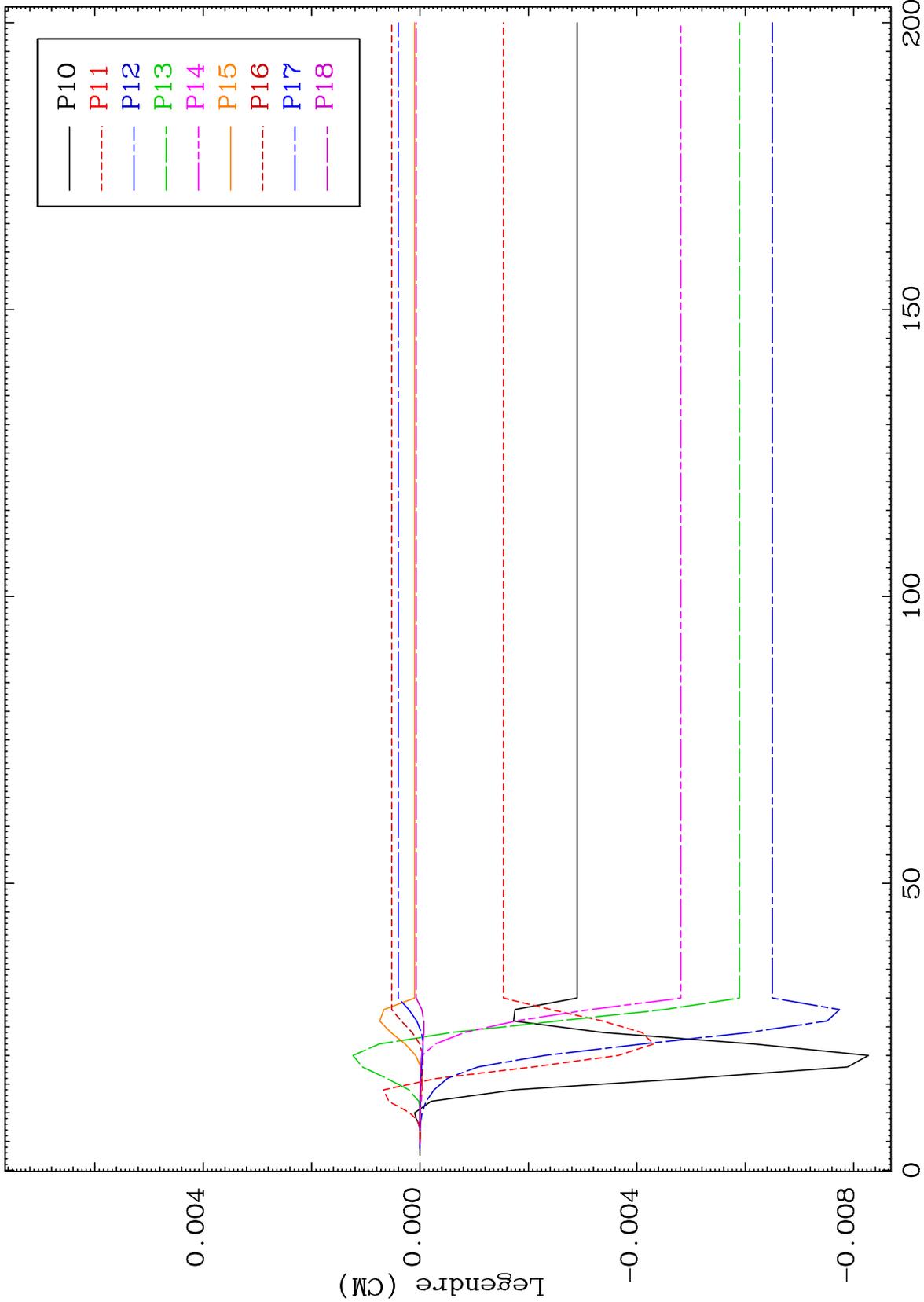
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



88

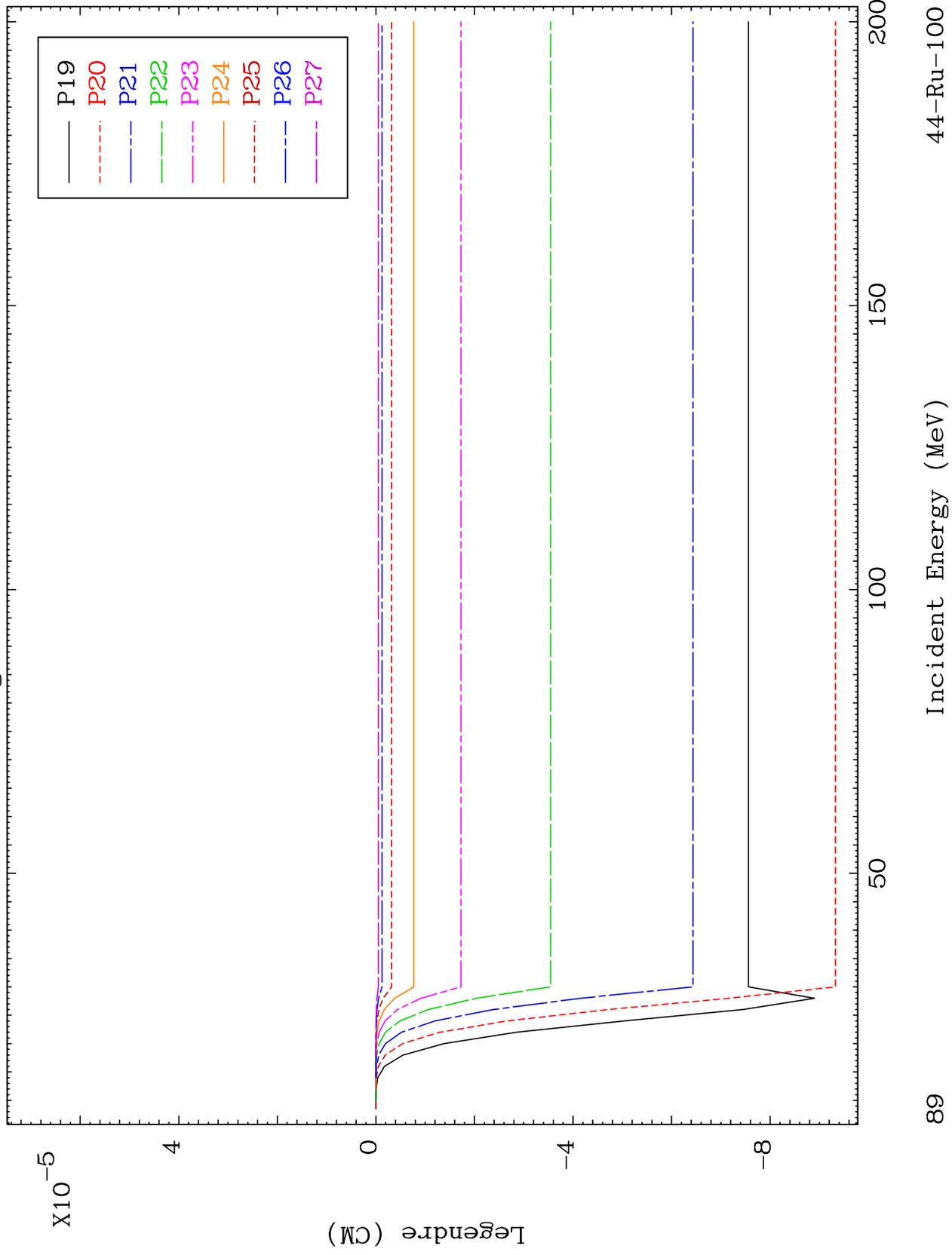
Incident Energy (MeV)

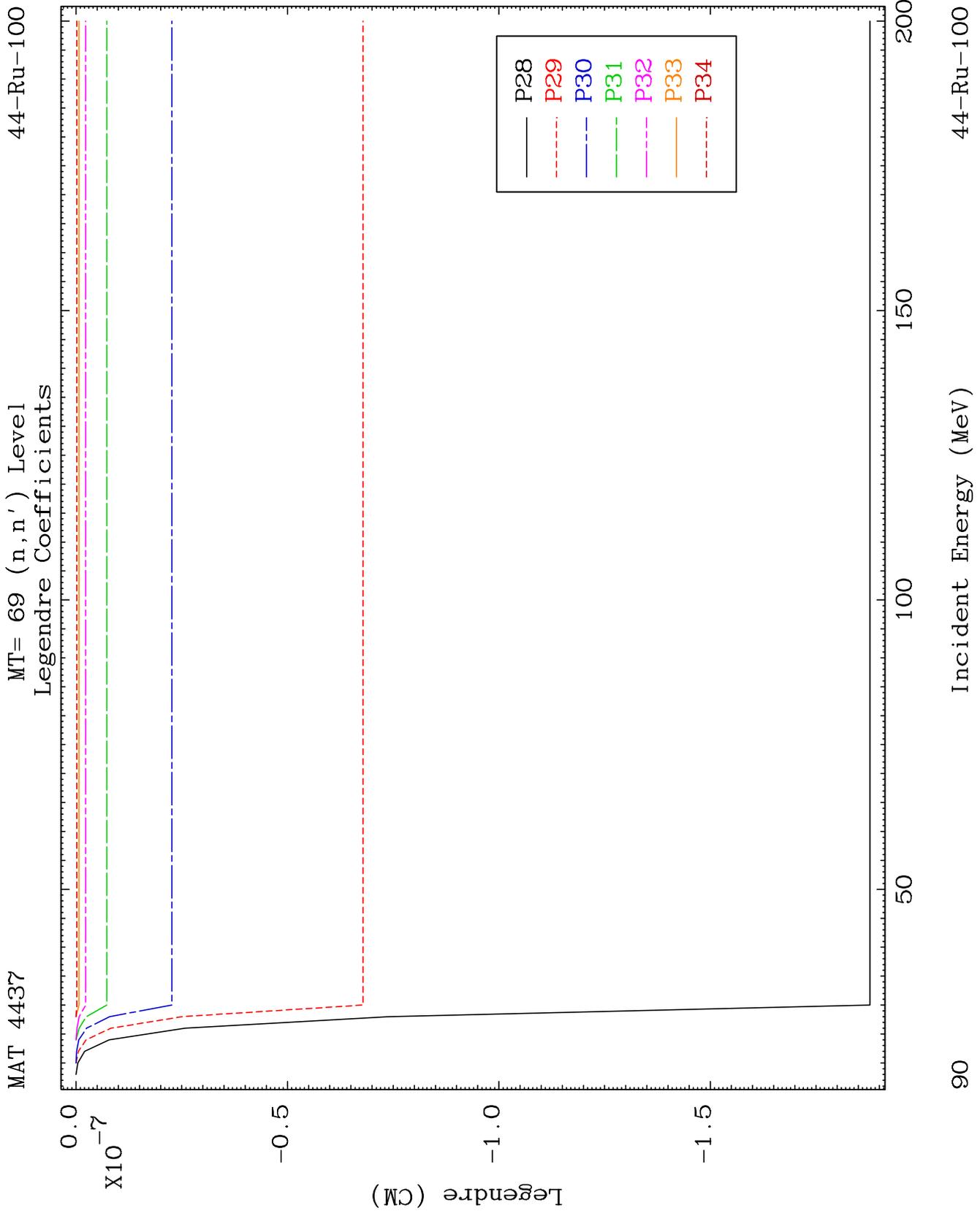
44-Ru-100

MAT 4437

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

44-Ru-100

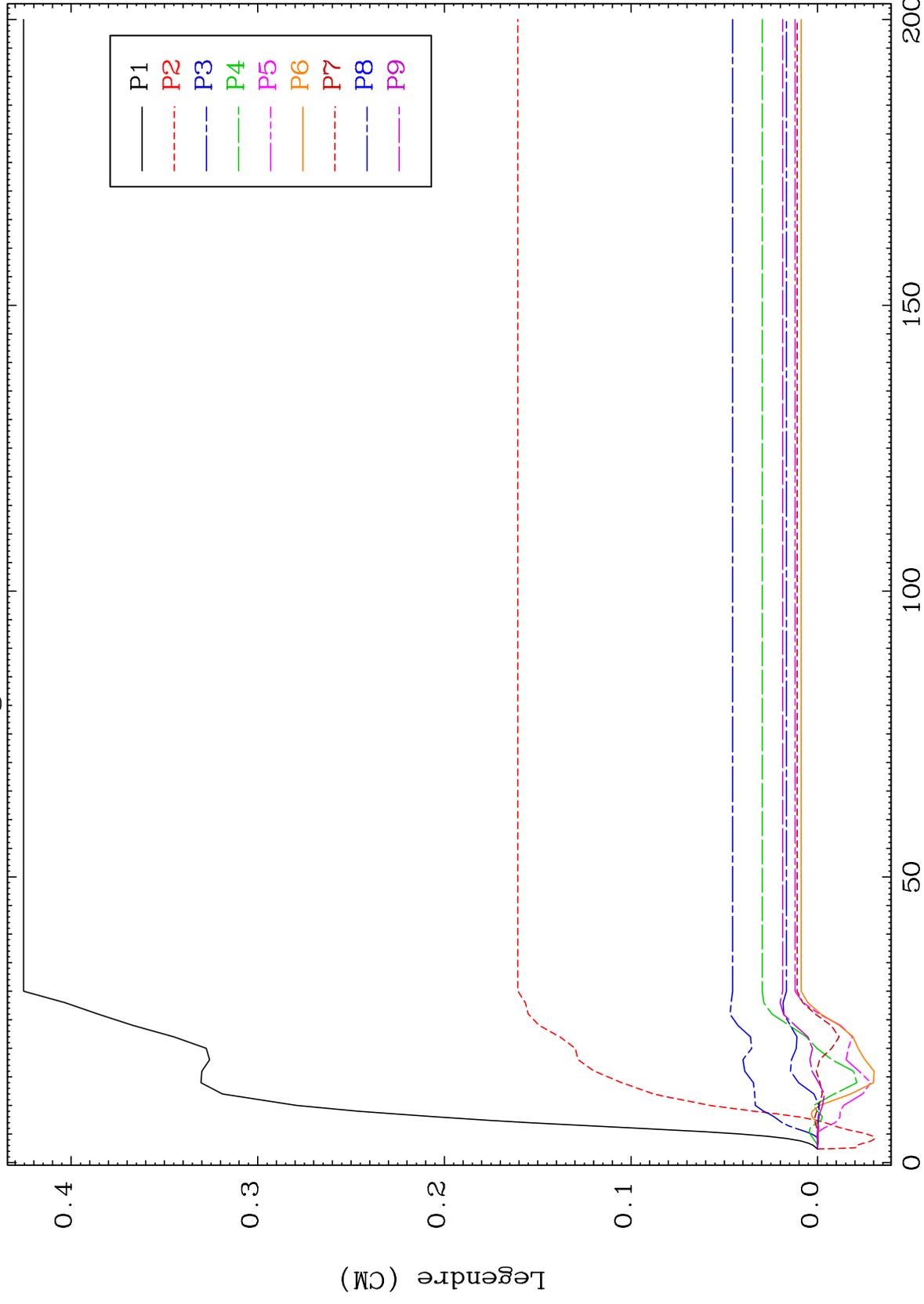




MAT 4437

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

44-Ru-100



91

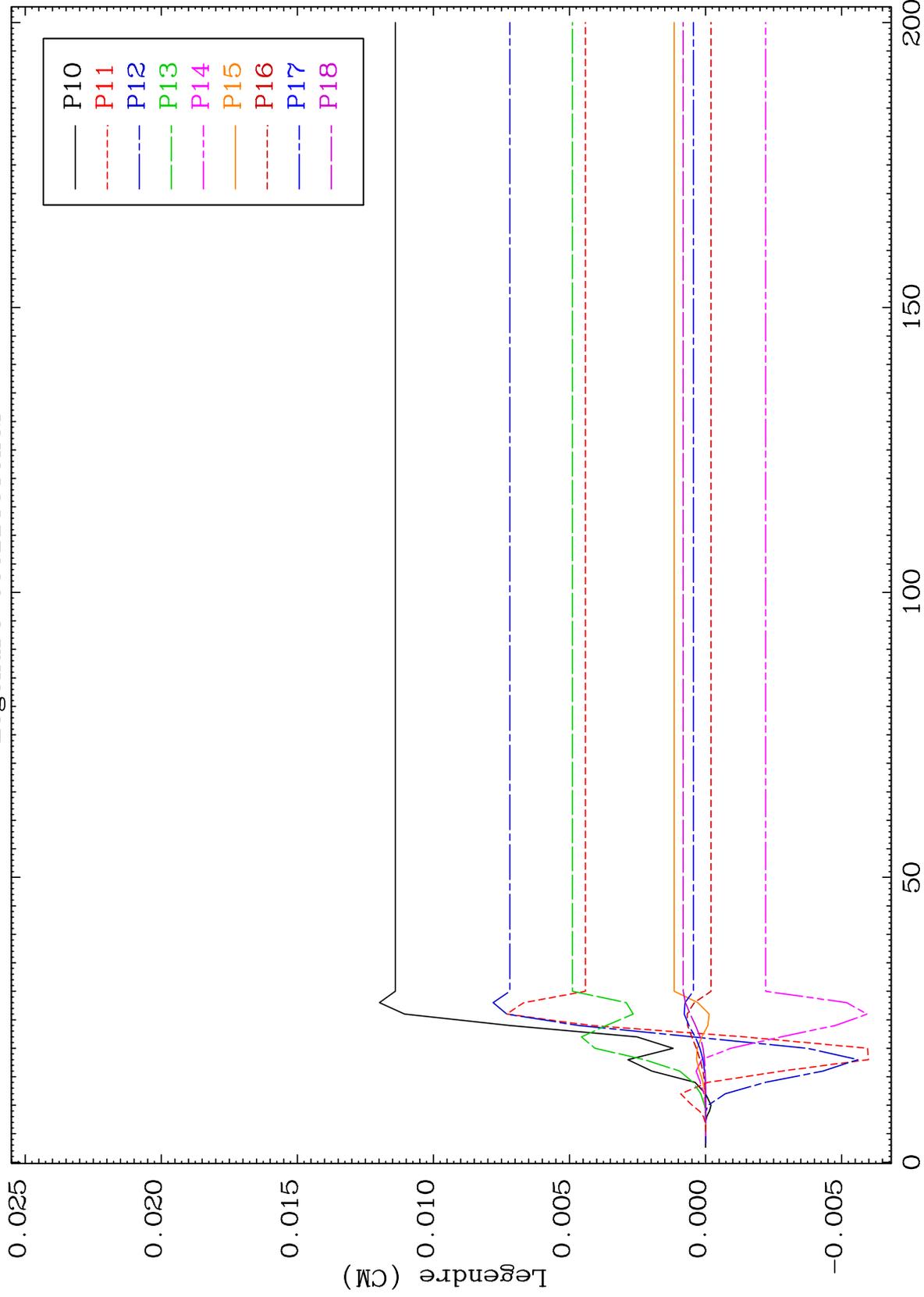
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



92

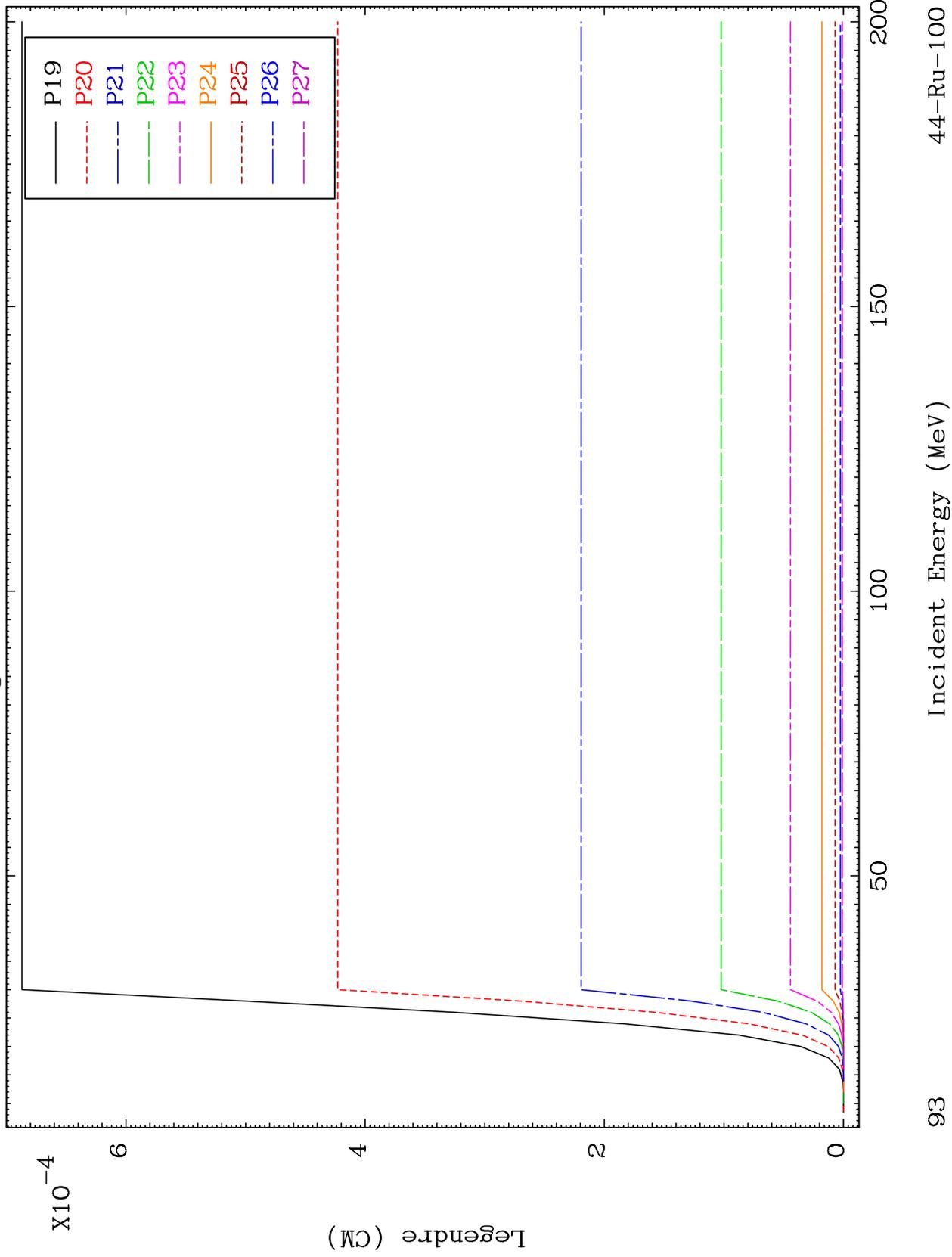
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



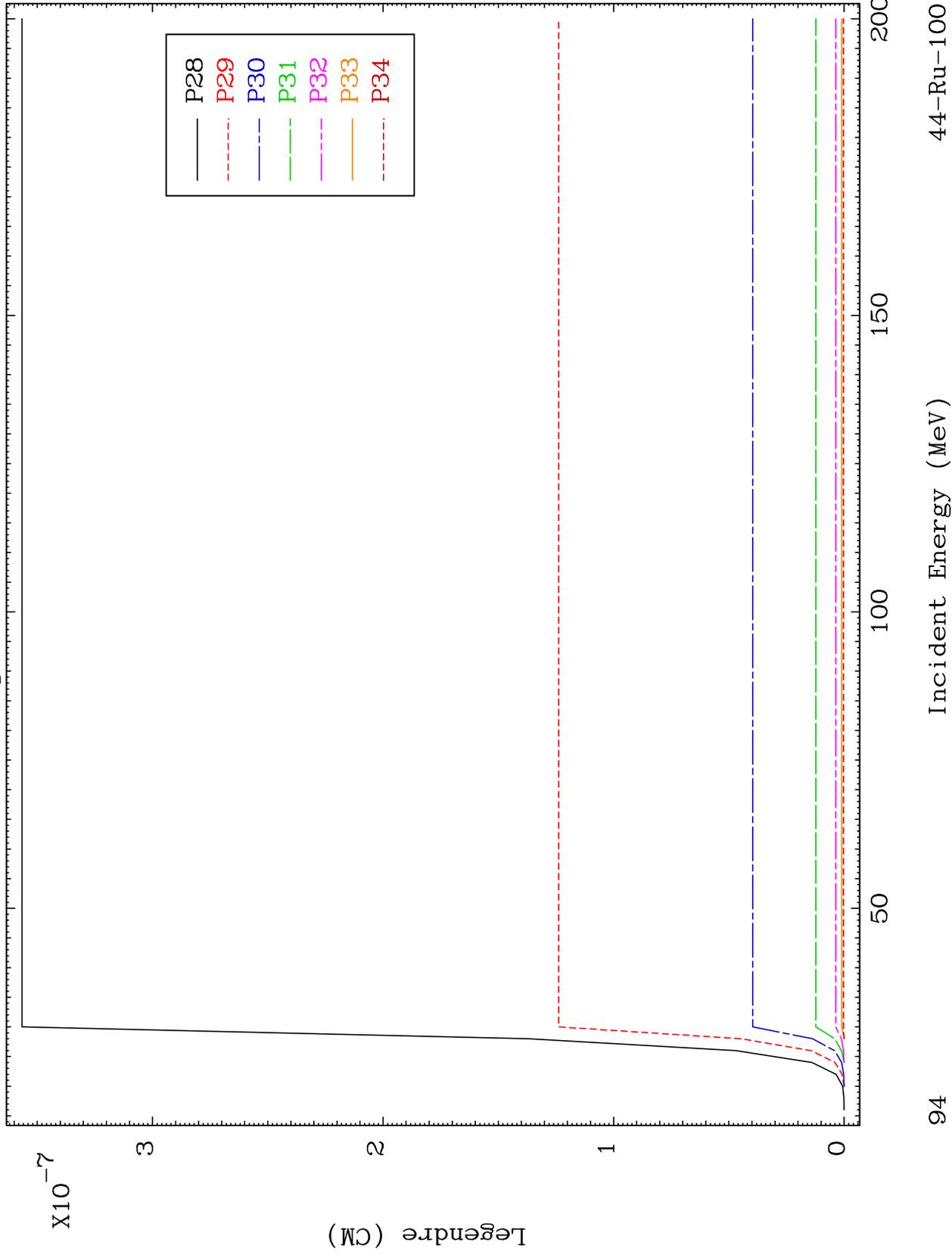
93

44-Ru-100

MAT 4437

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

44-Ru-100

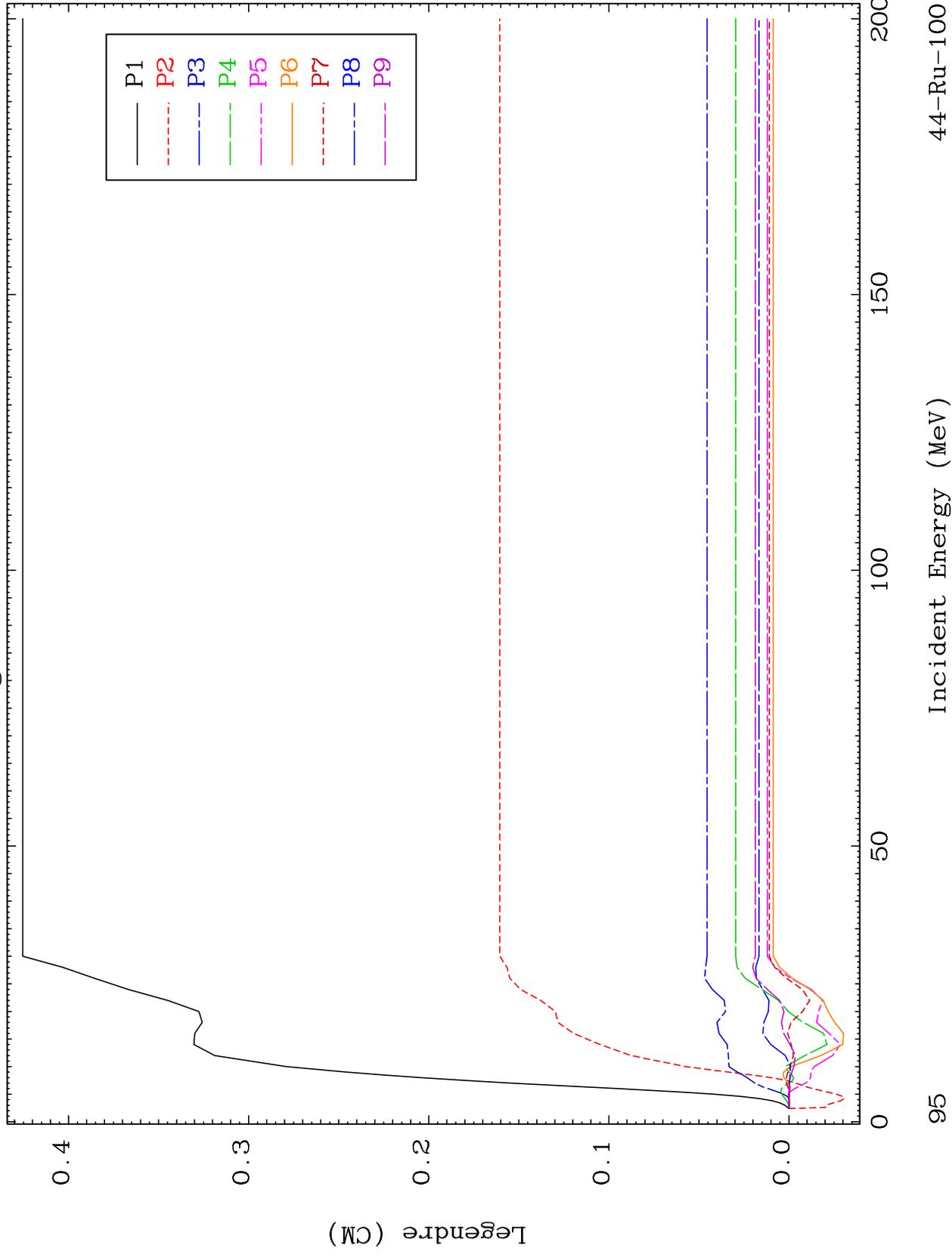


94

MAT 4437

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

44-Ru-100



44-Ru-100

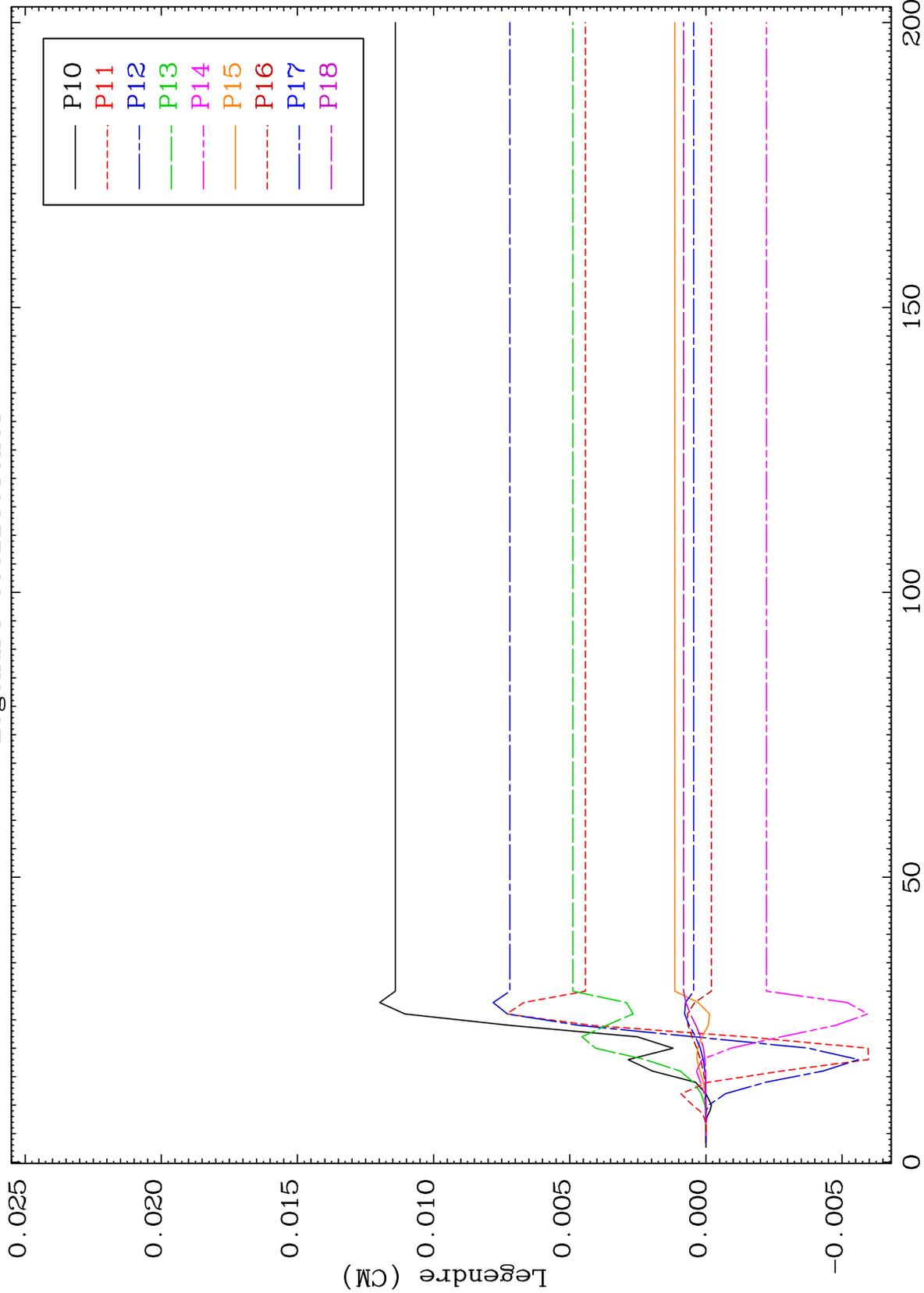
Incident Energy (MeV)

95

MAT 4437

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

44-Ru-100



96

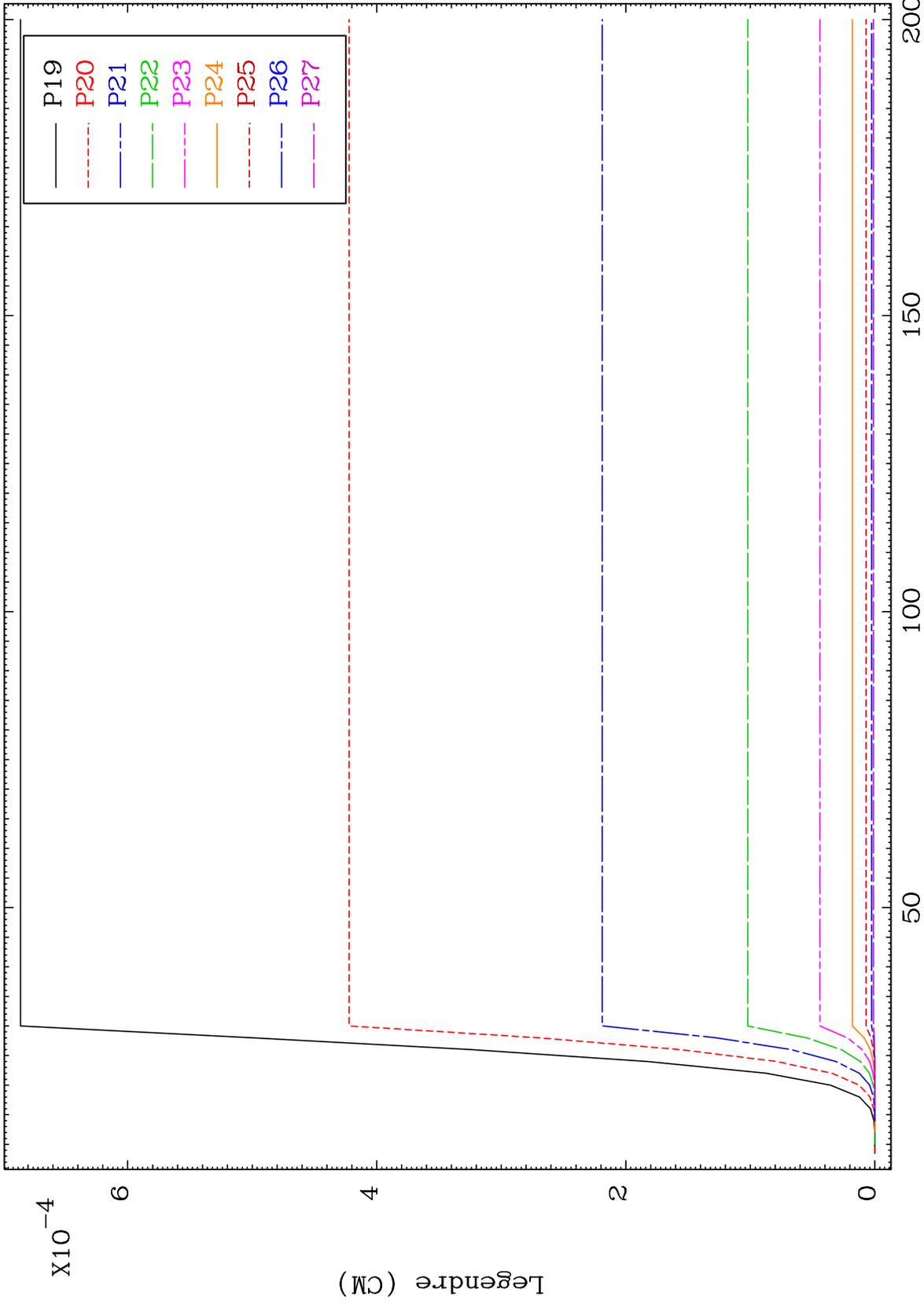
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



97

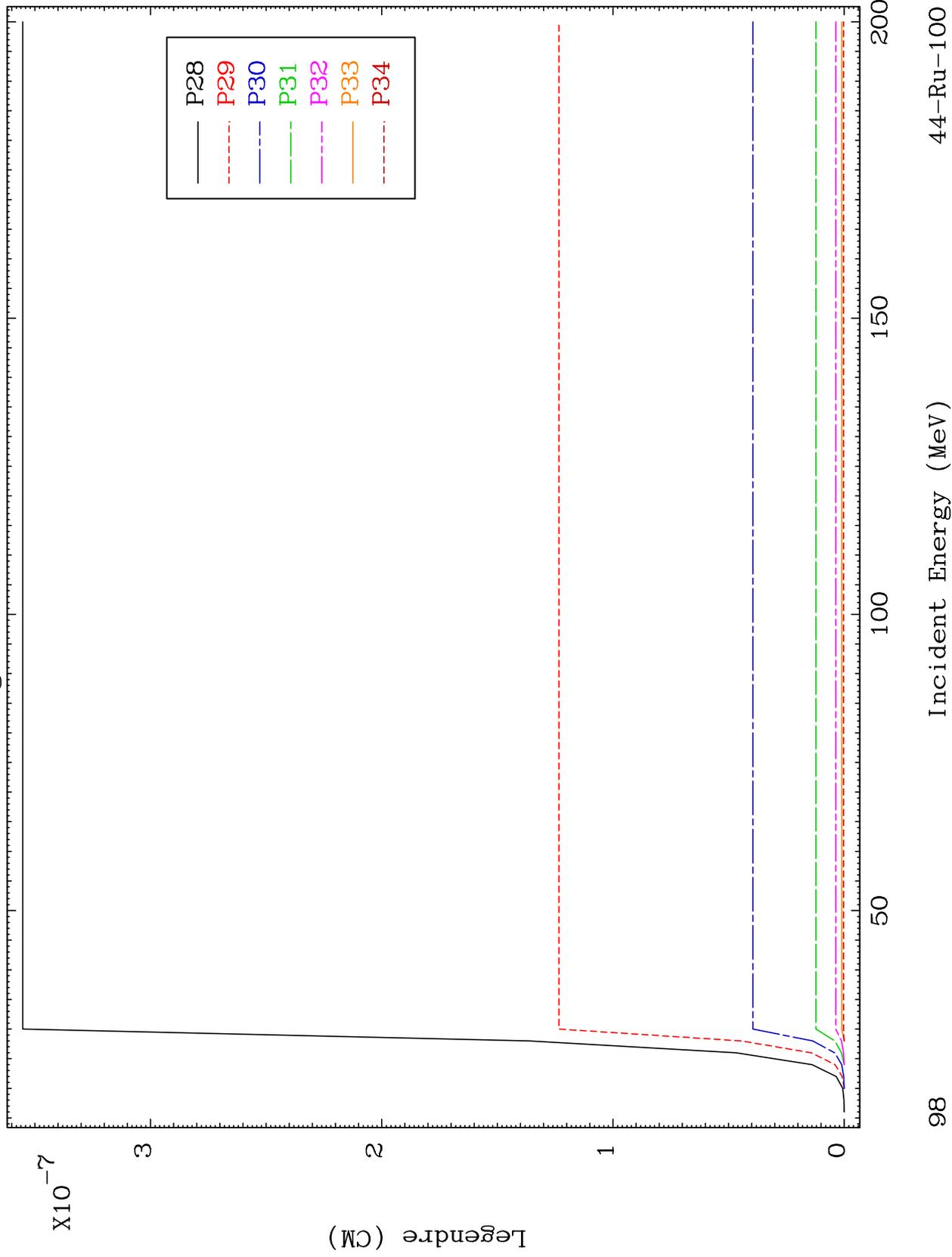
Incident Energy (MeV)

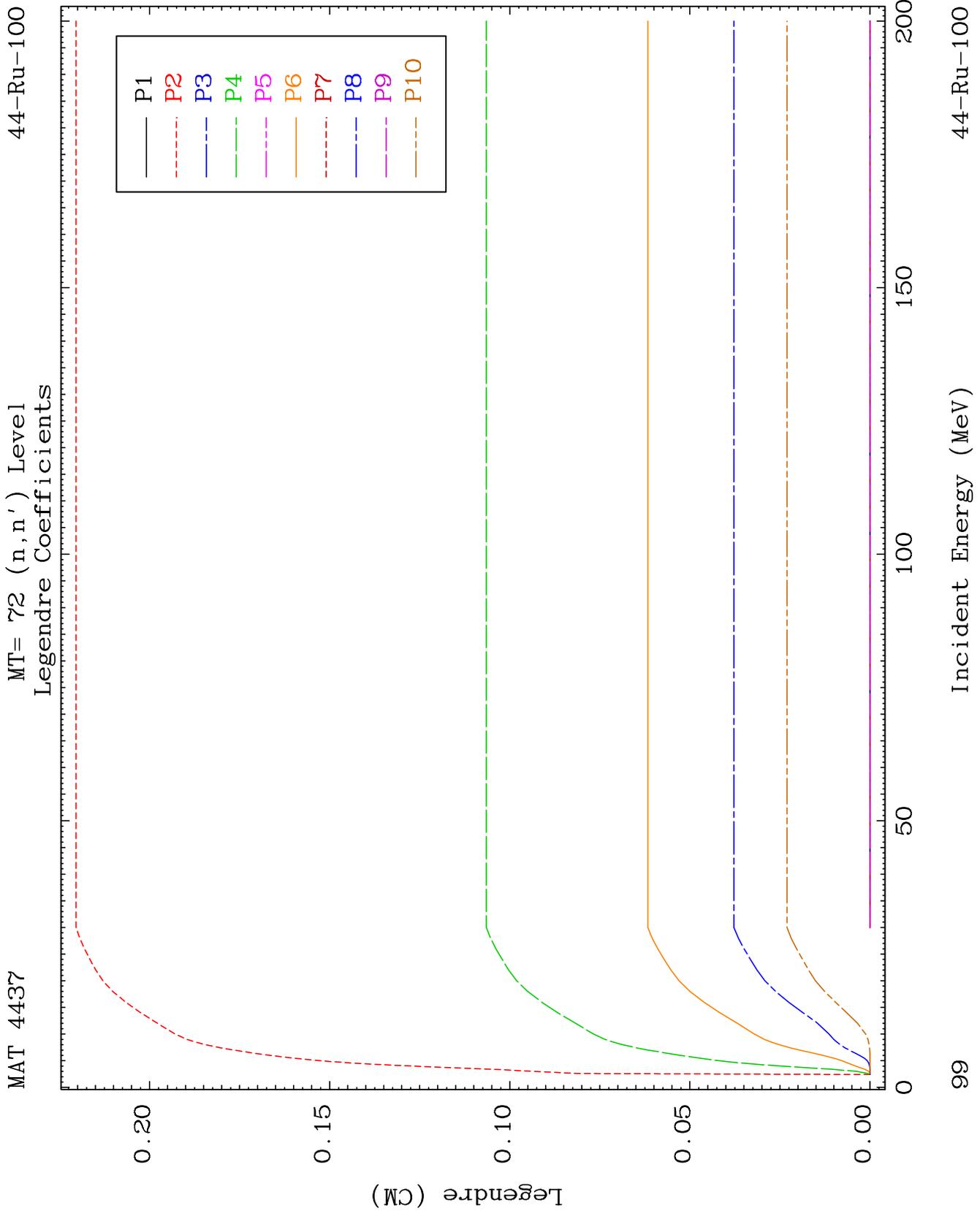
44-Ru-100

MAT 4437

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

44-Ru-100

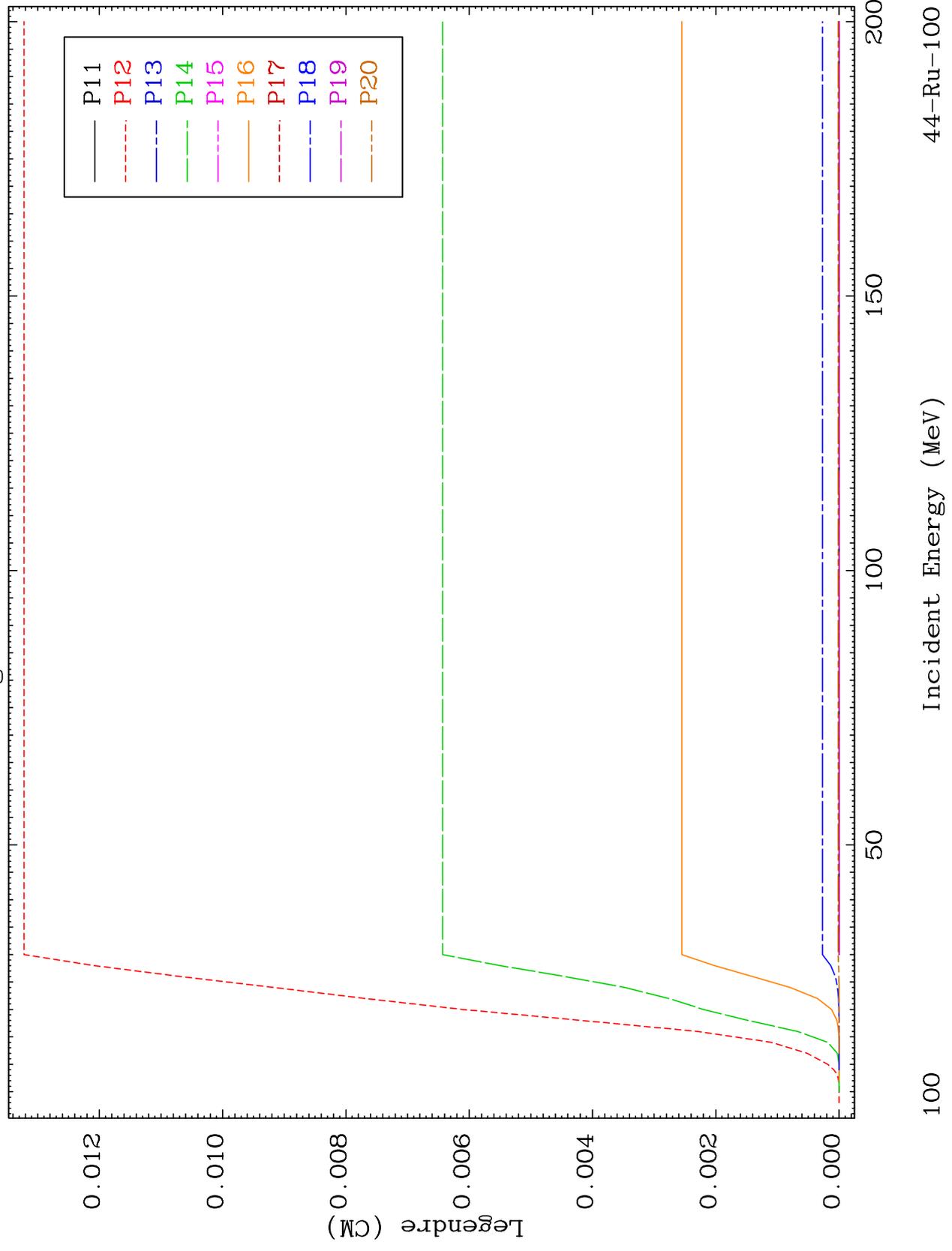




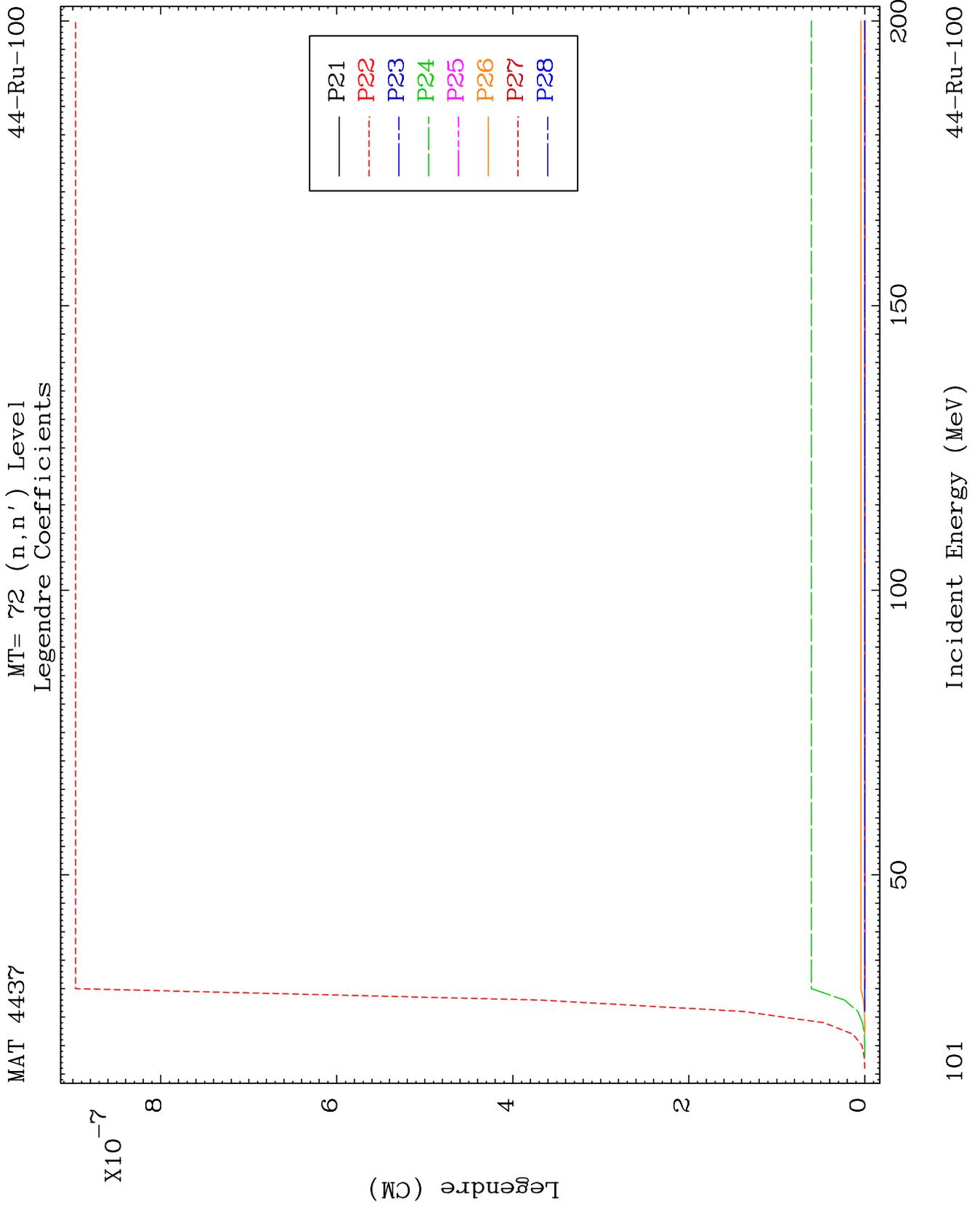
MAT 4437

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

44-Ru-100



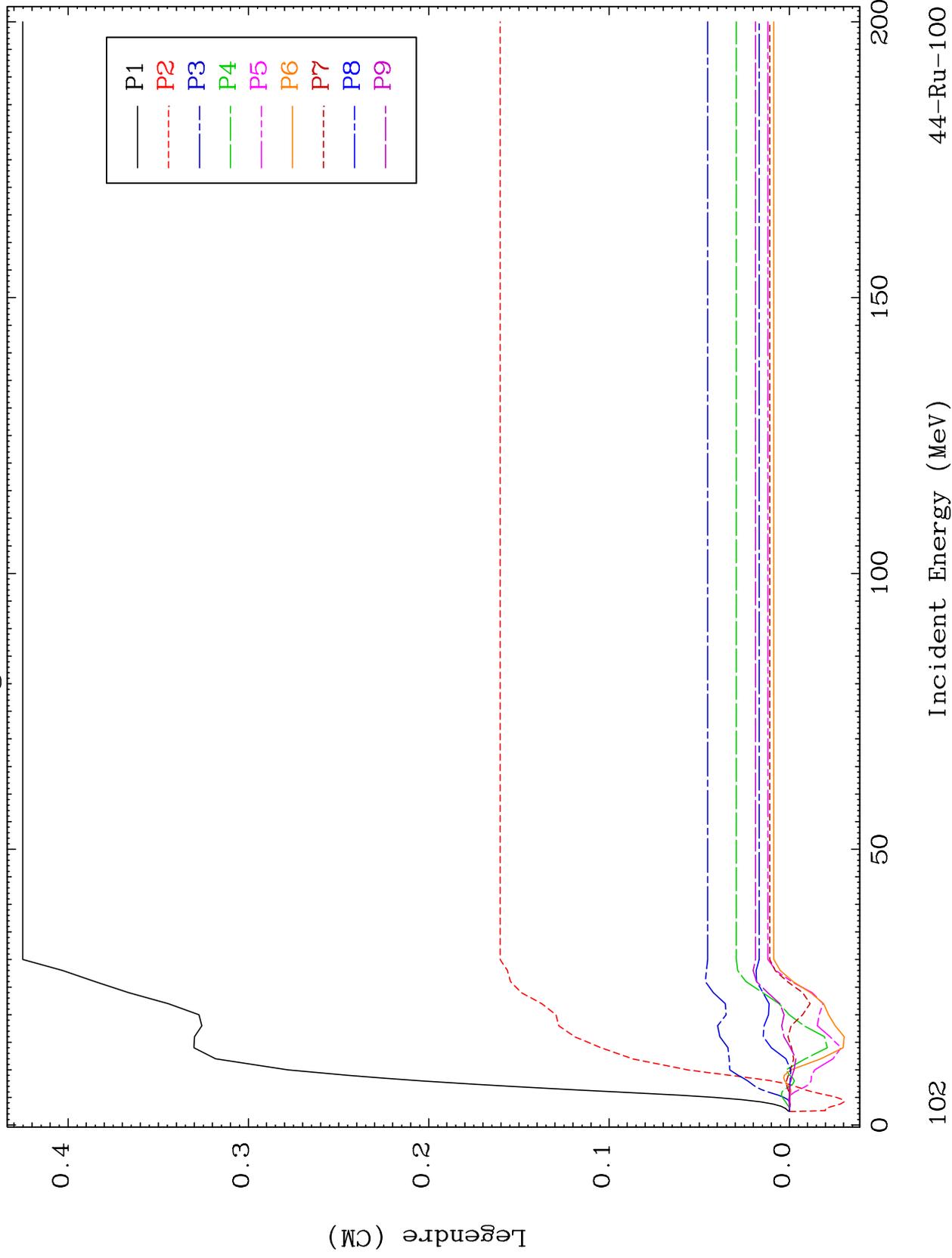
44-Ru-100



MAT 4437

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

44-Ru-100

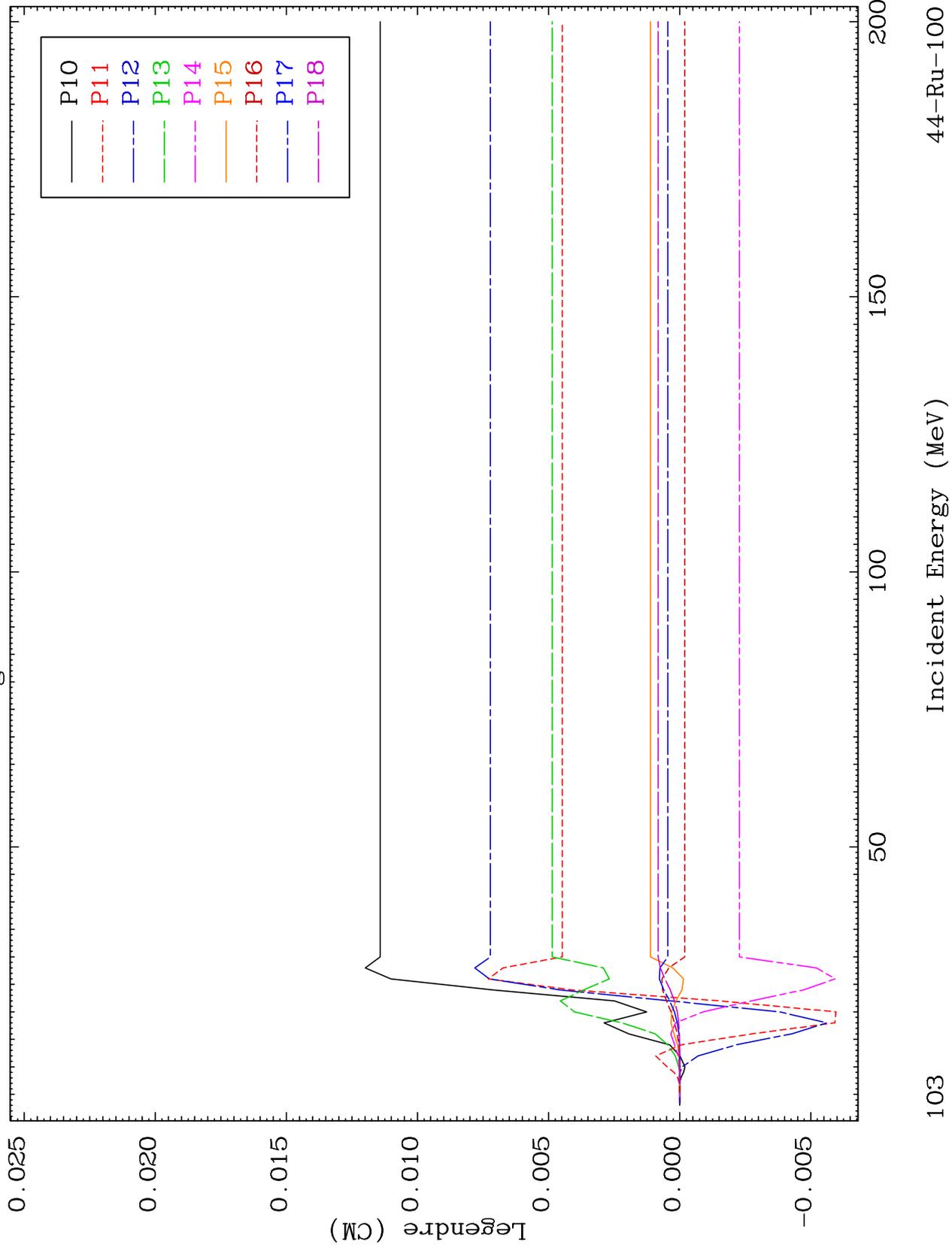


102

MAT 4437

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

44-Ru-100



103

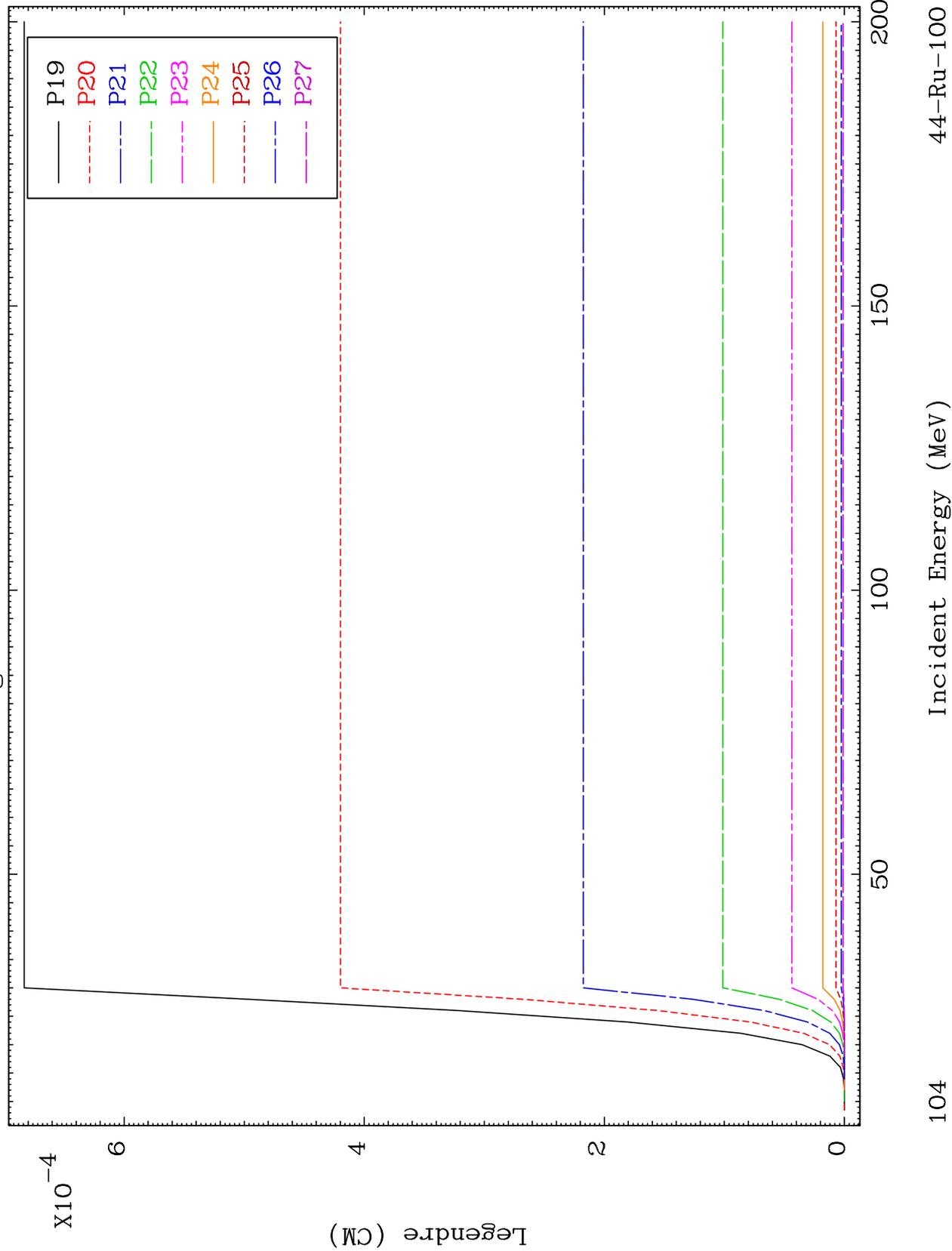
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



104

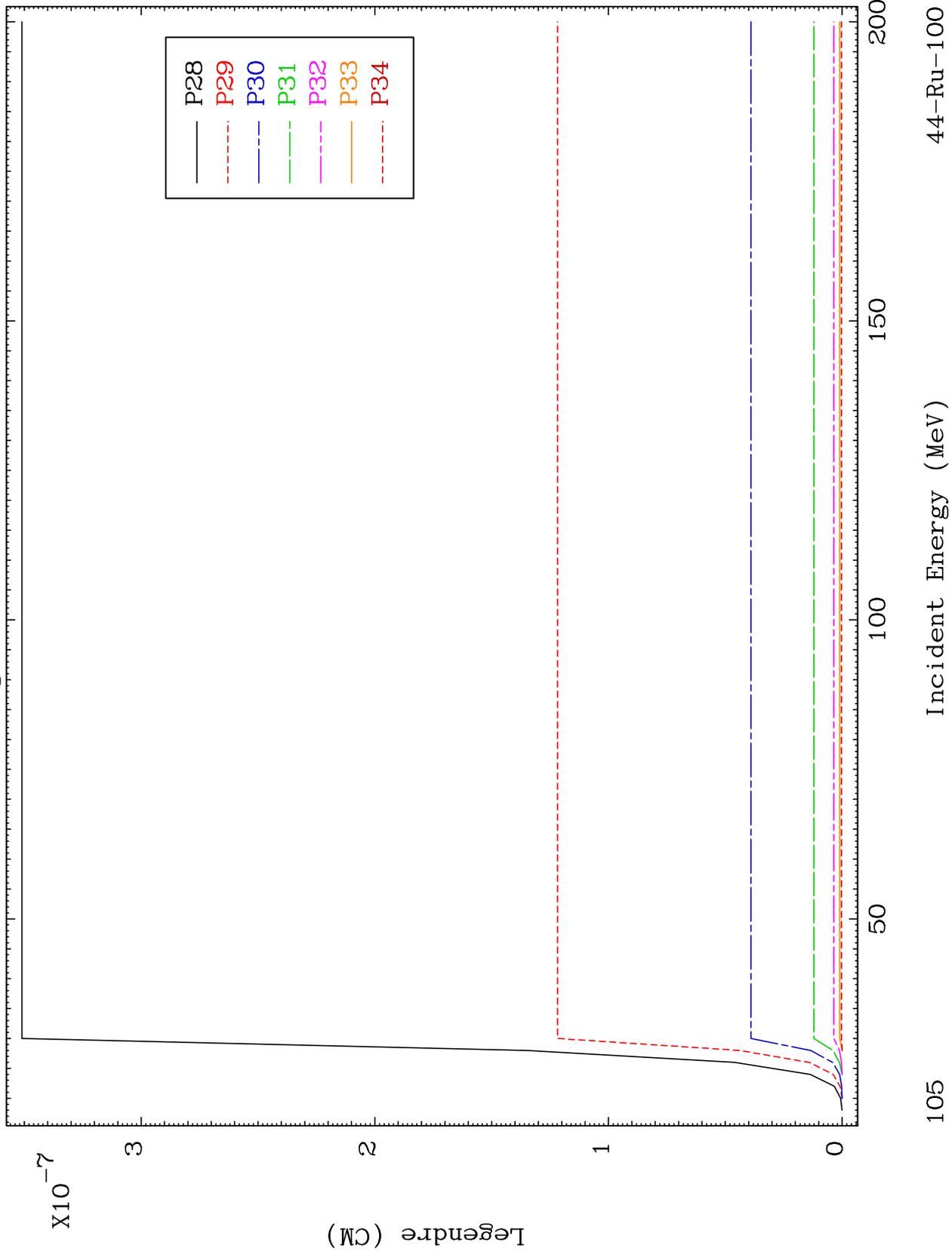
Incident Energy (MeV)

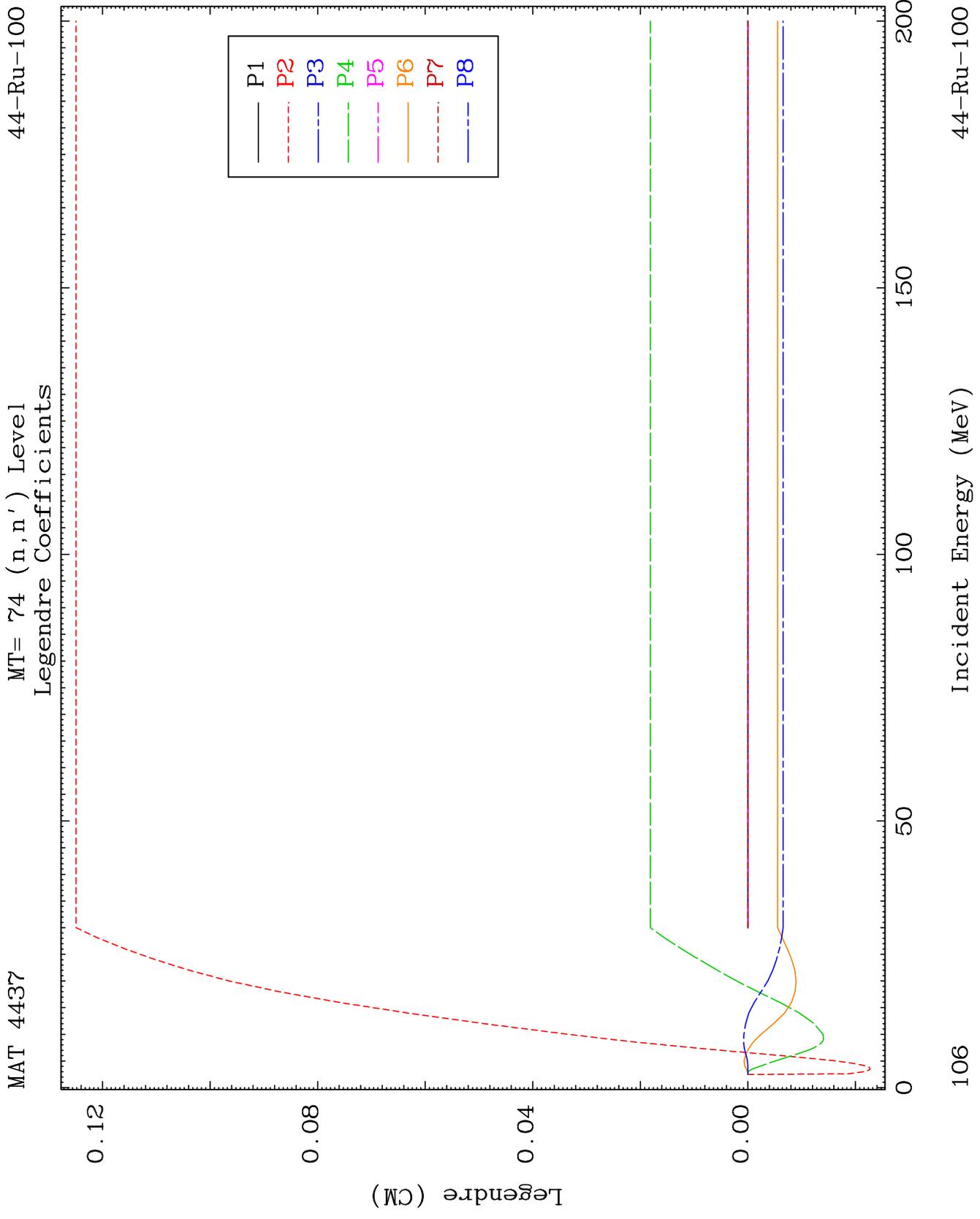
44-Ru-100

MAT 4437

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

44-Ru-100



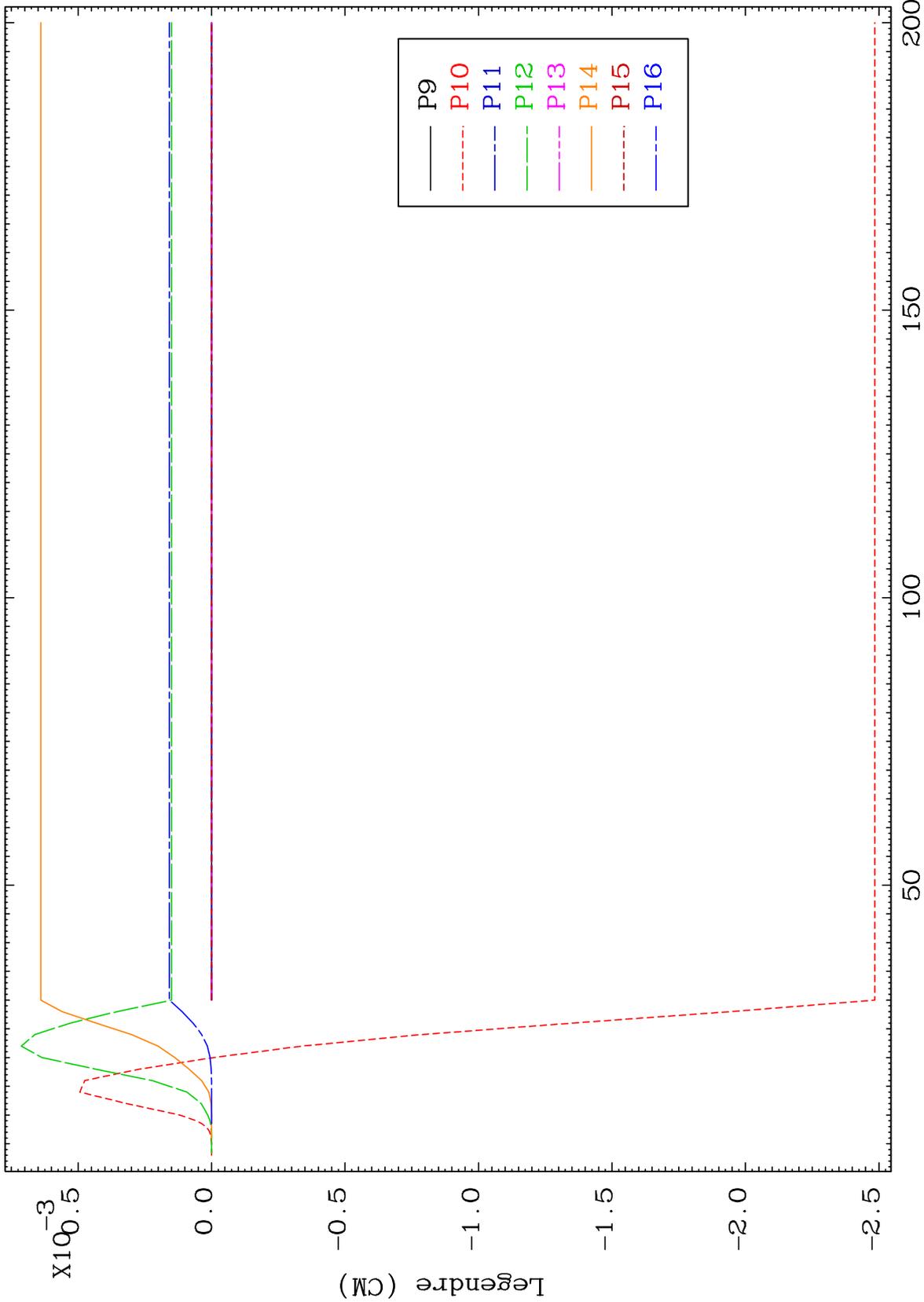


MAT 4437

MT= 74 (n,n') Level

44-Ru-100

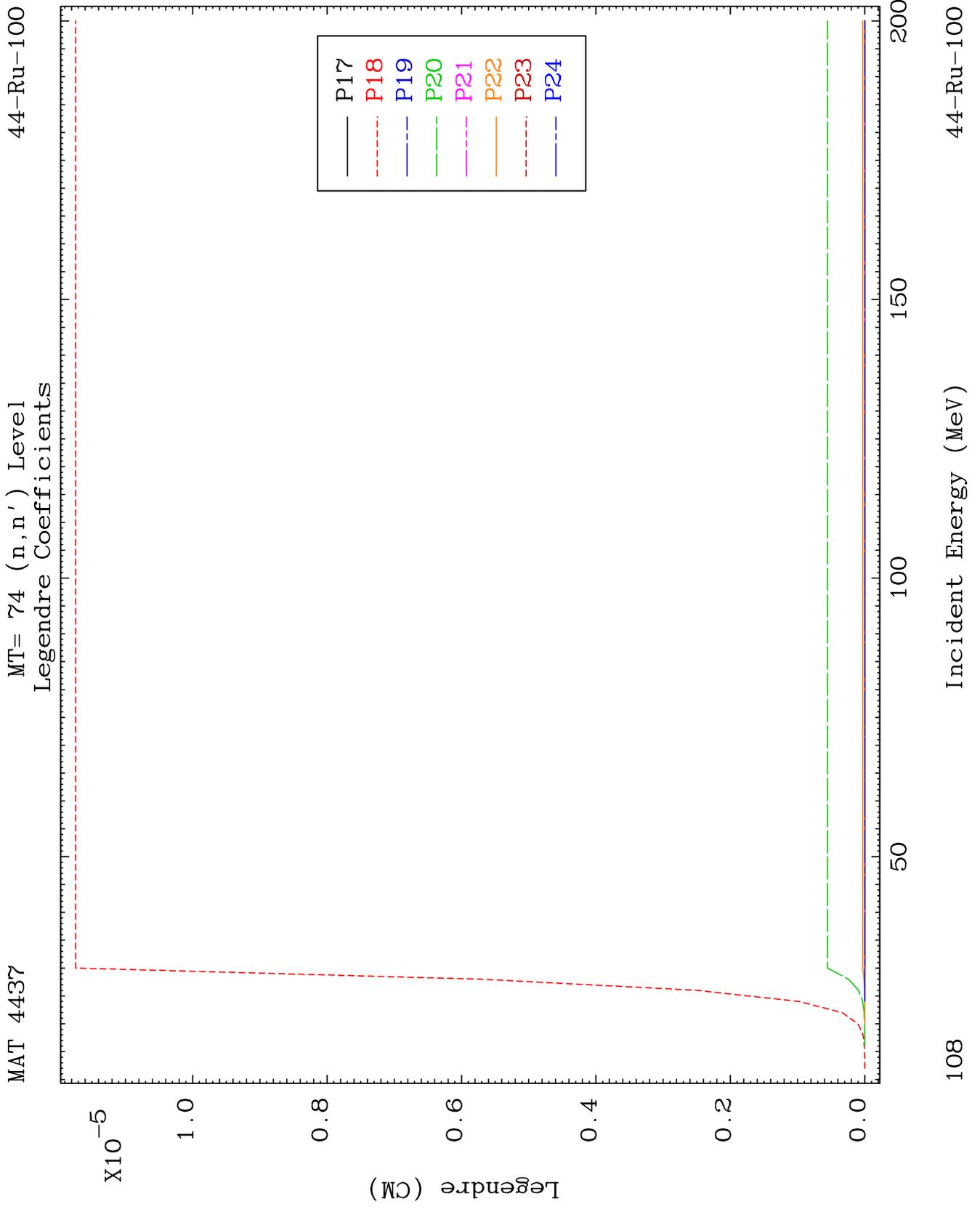
Legendre Coefficients

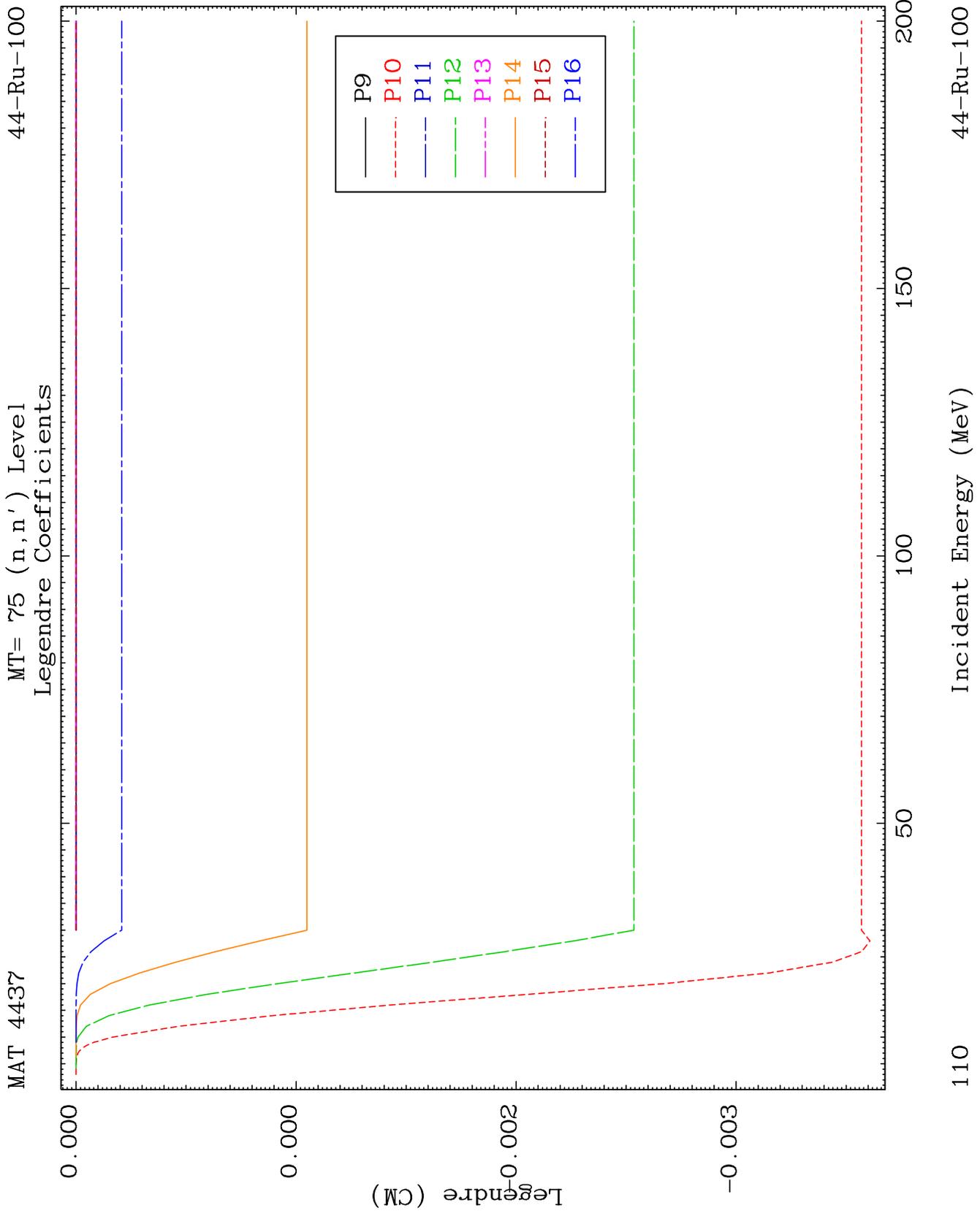


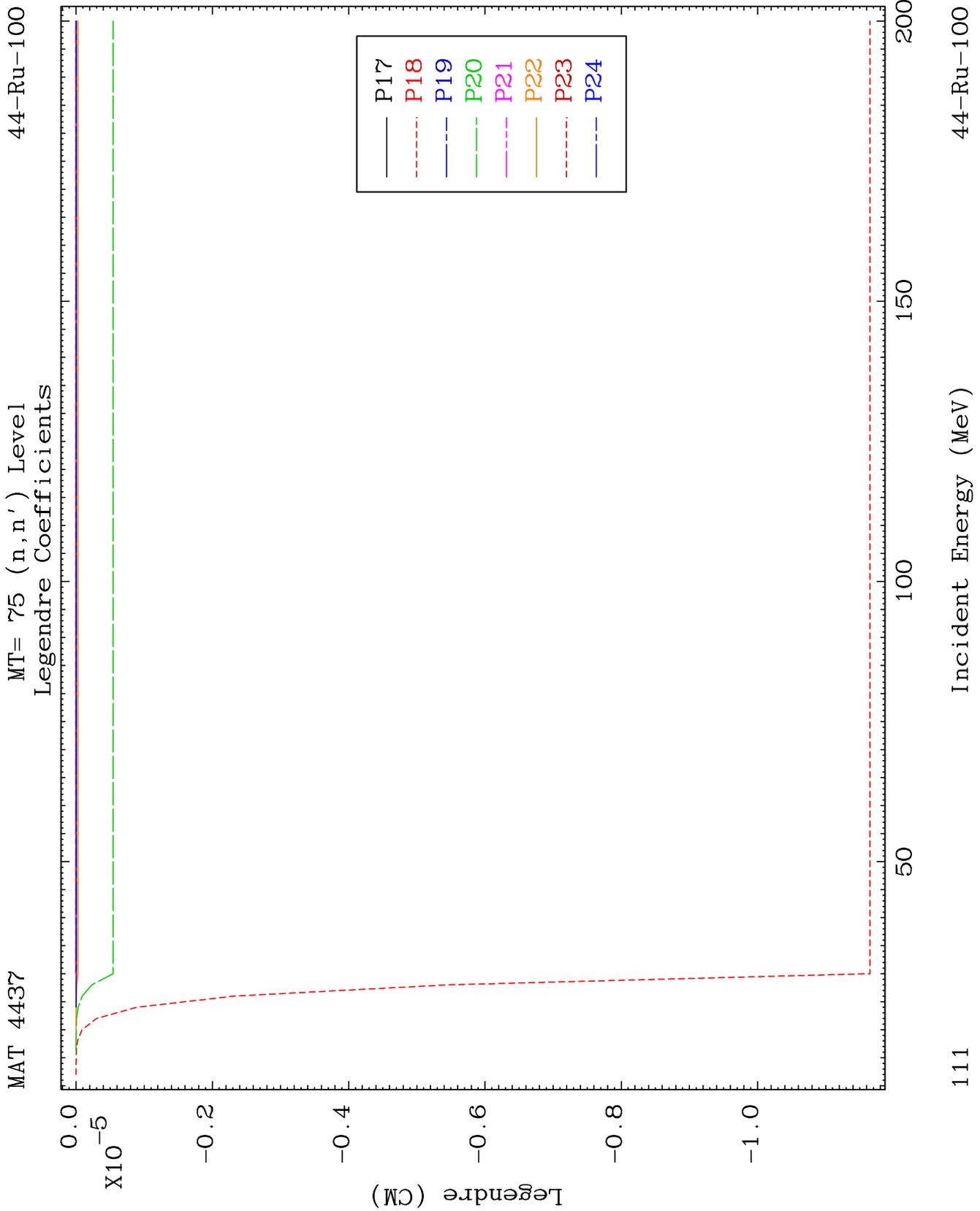
107

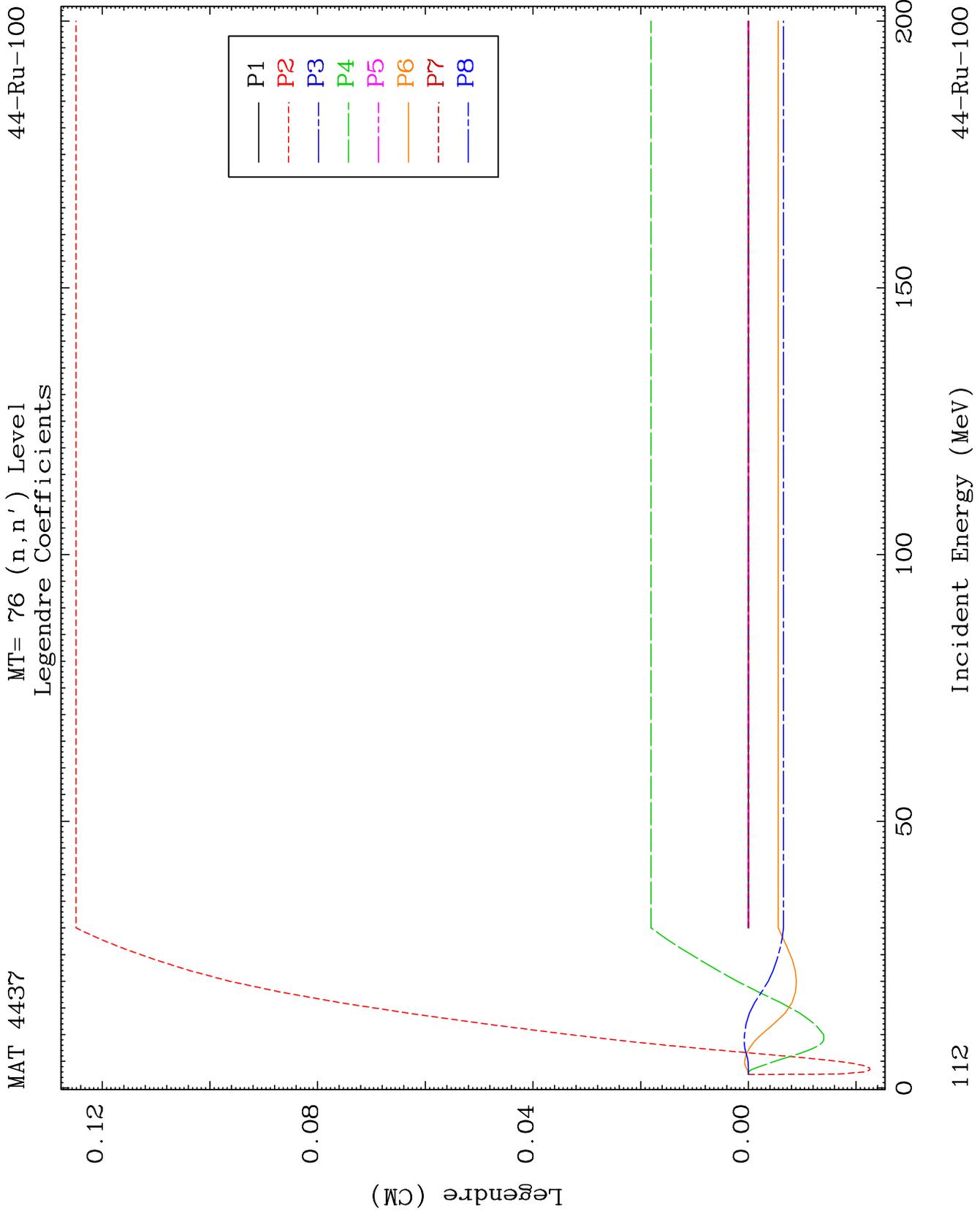
Incident Energy (MeV)

44-Ru-100





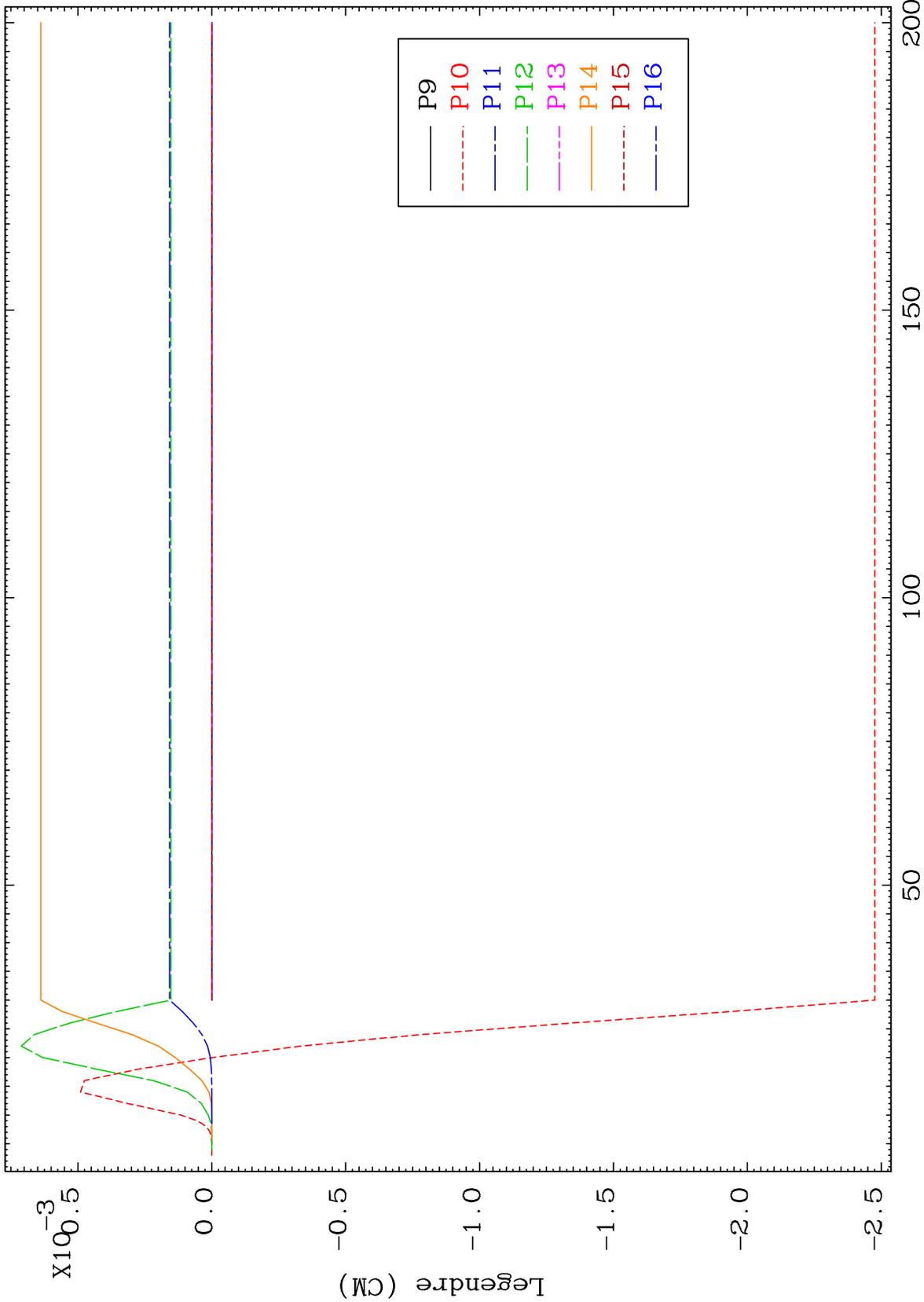




MAT 4437

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

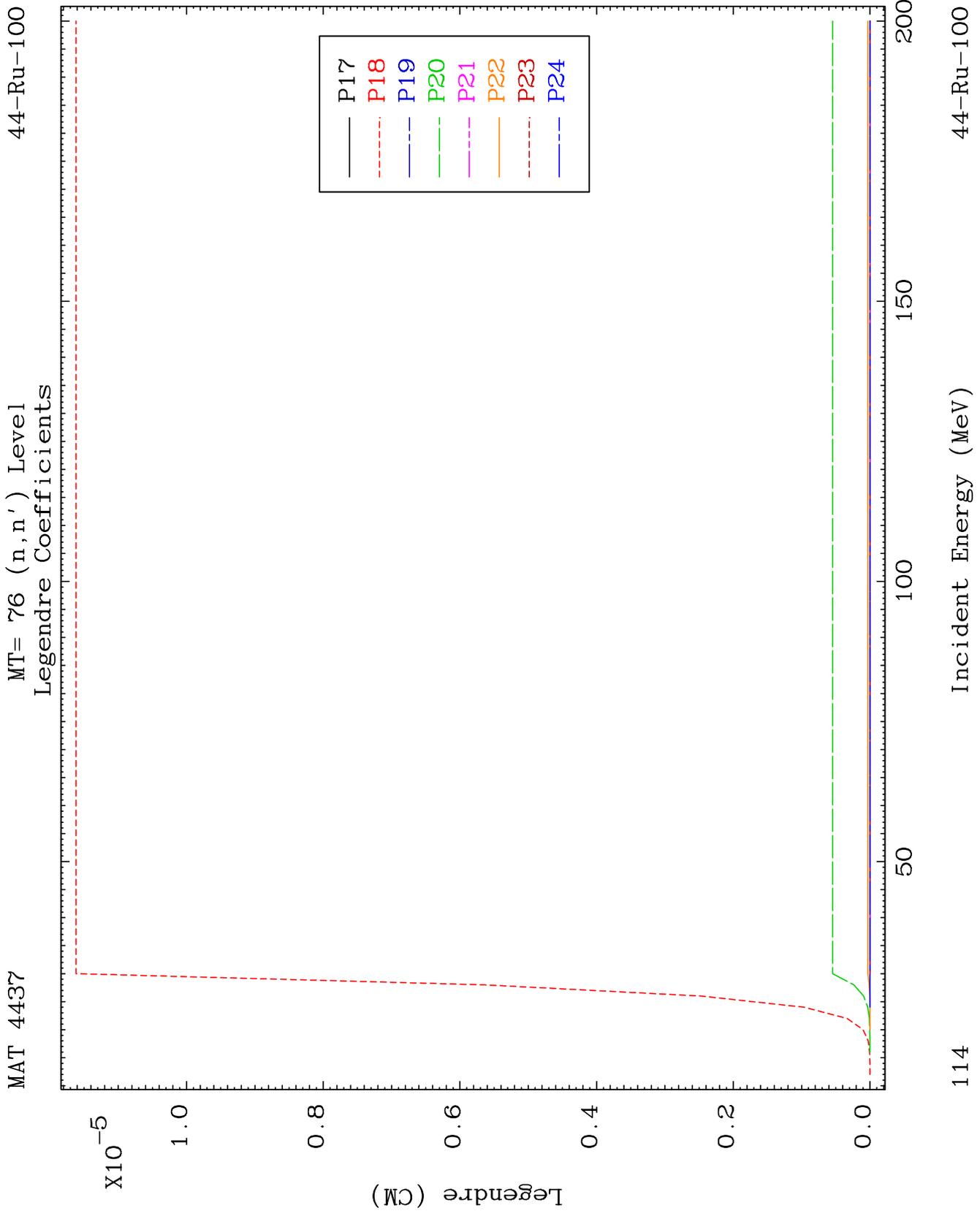
44-Ru-100



113

Incident Energy (MeV)

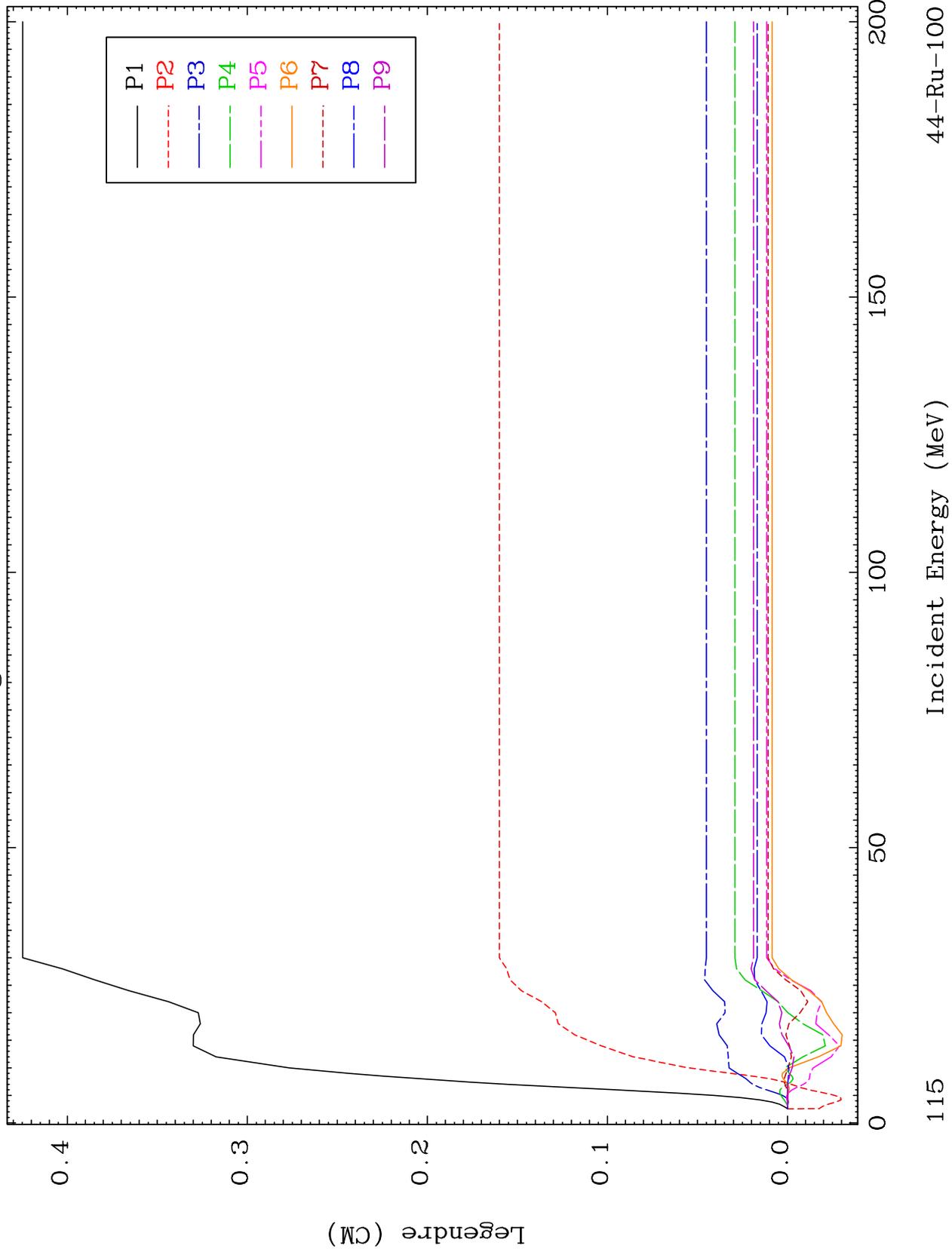
44-Ru-100



MAT 4437

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

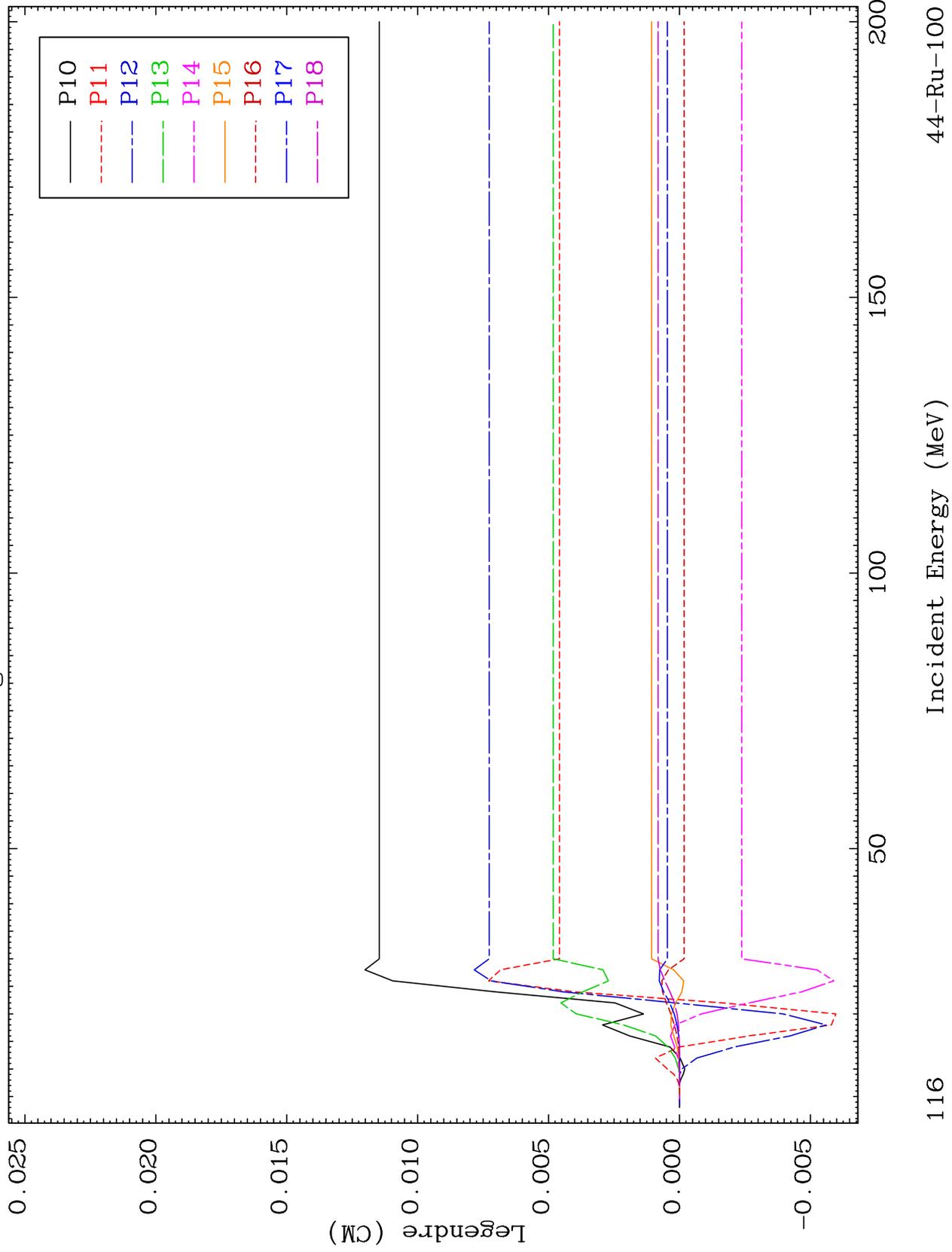
44-Ru-100



MAT 4437

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

44-Ru-100

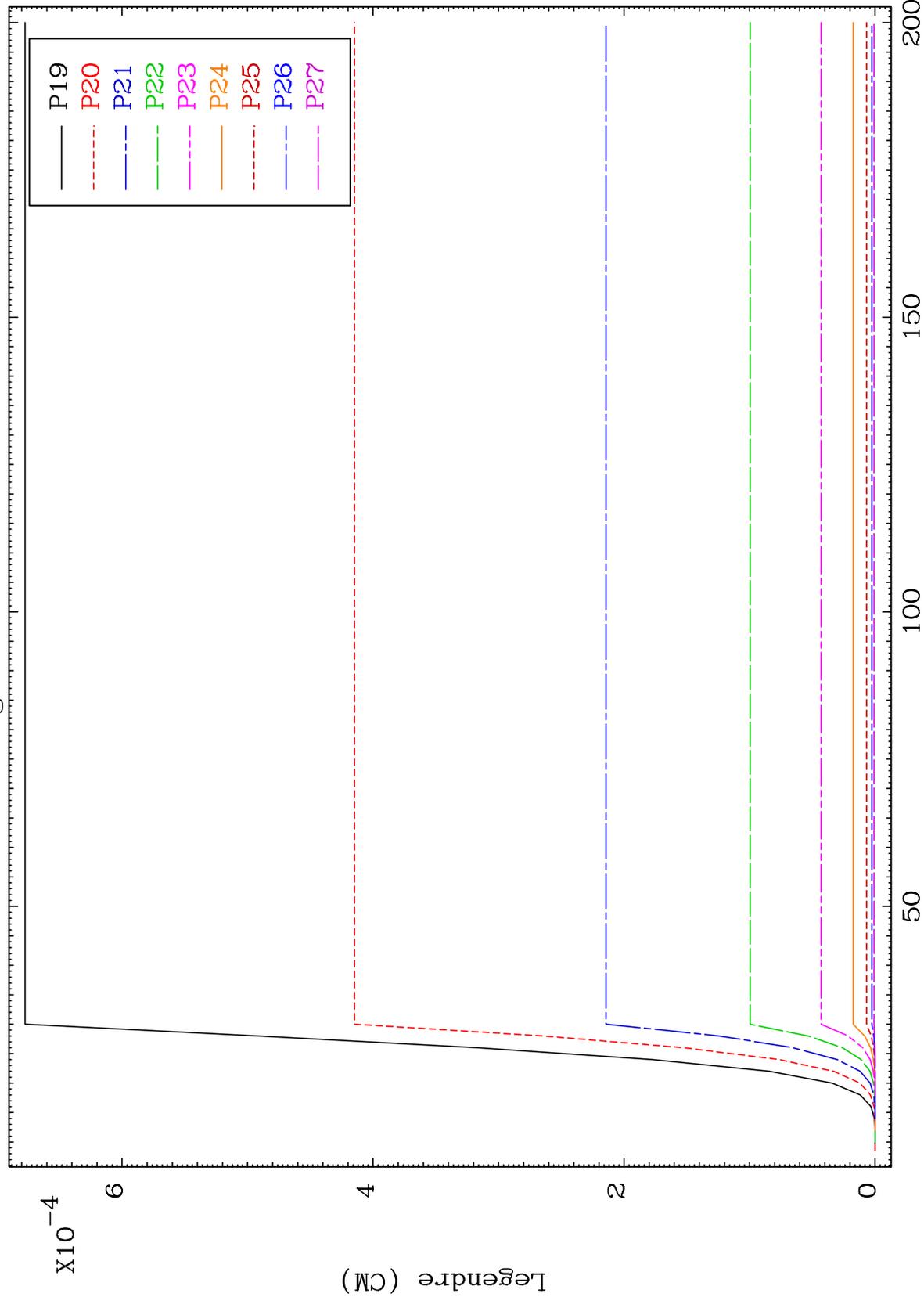


116

MAT 4437

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

44-Ru-100



117

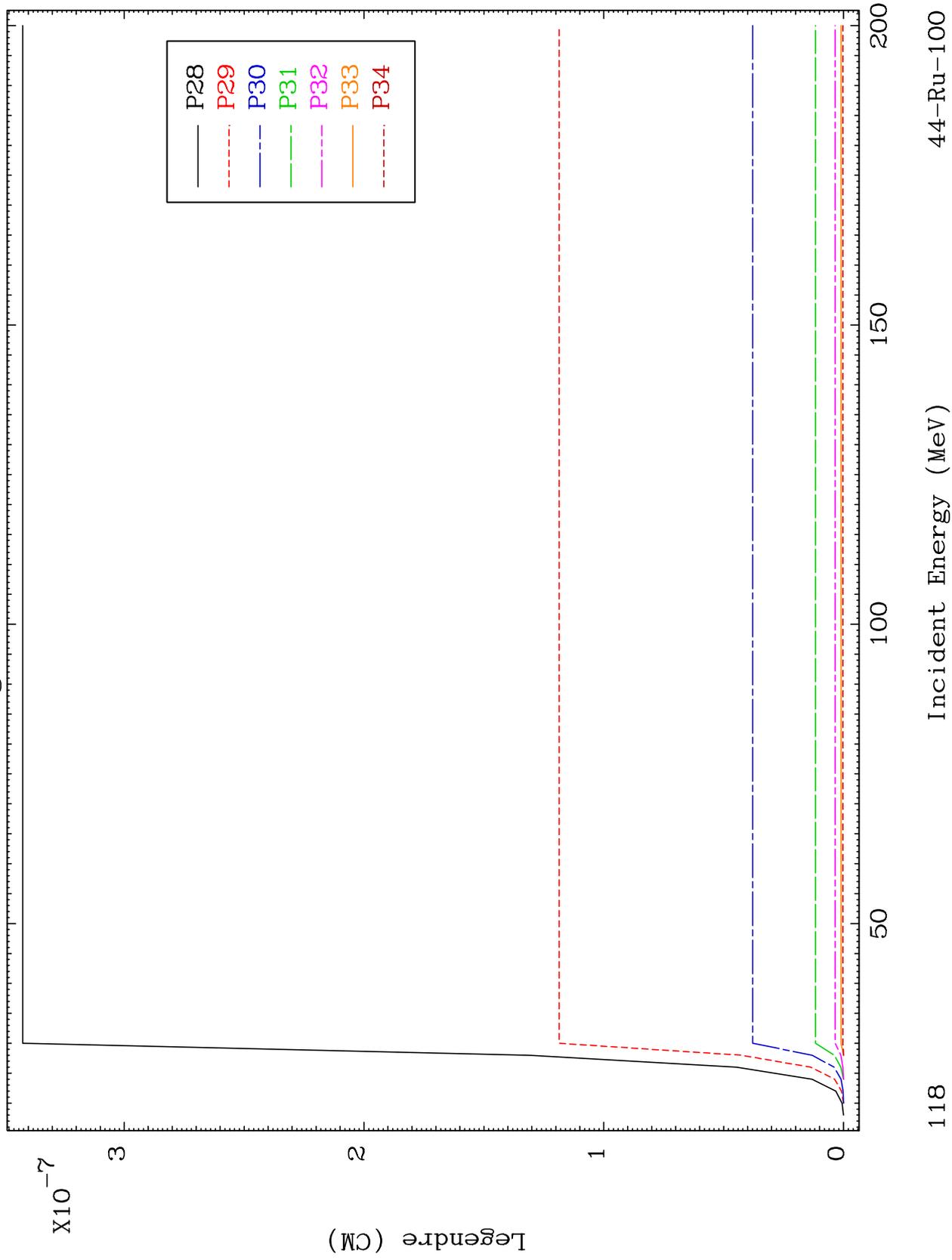
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



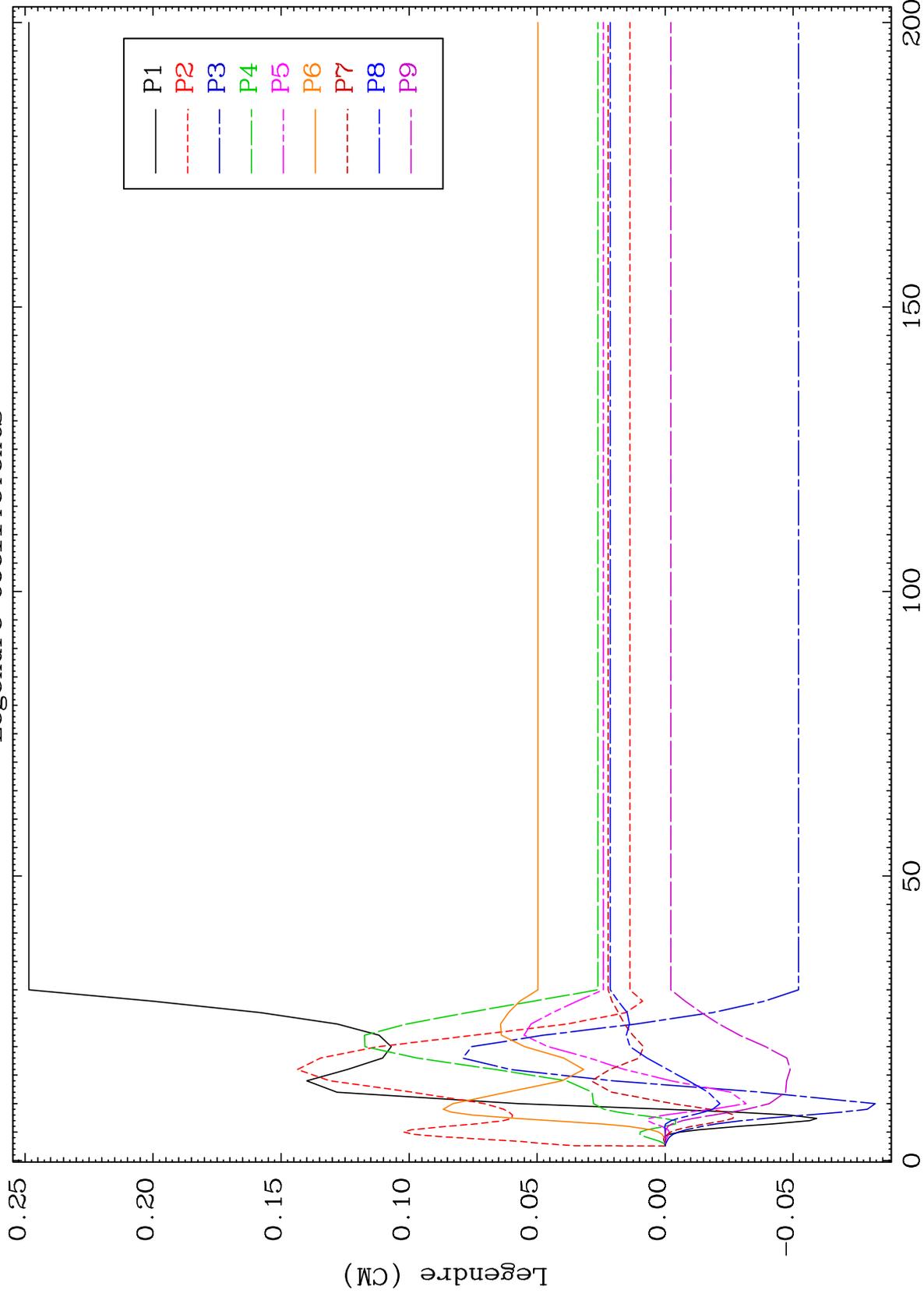
118

MAT 4437

MT= 78 (n,n') Level

44-Ru-100

Legendre Coefficients



119

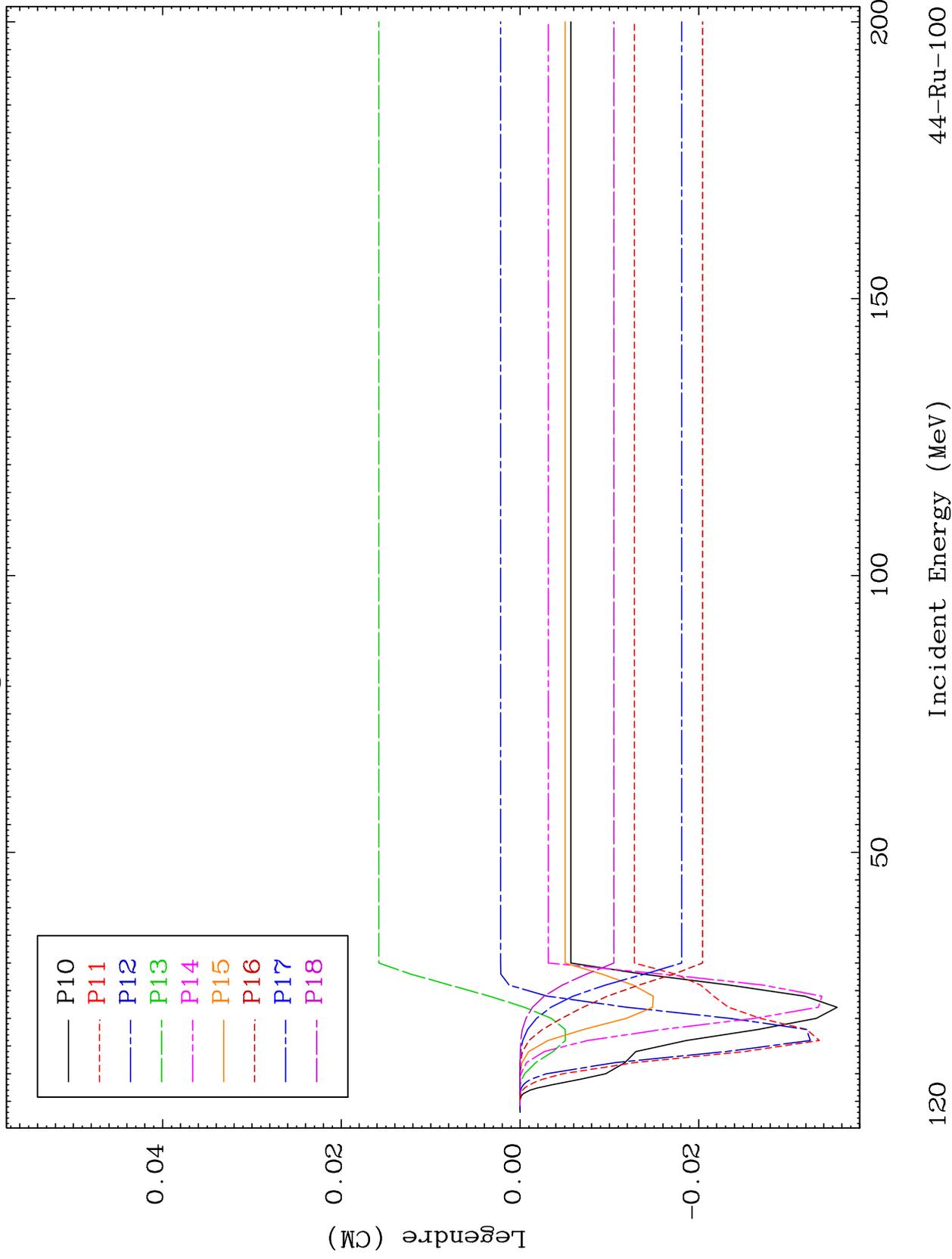
Incident Energy (MeV)

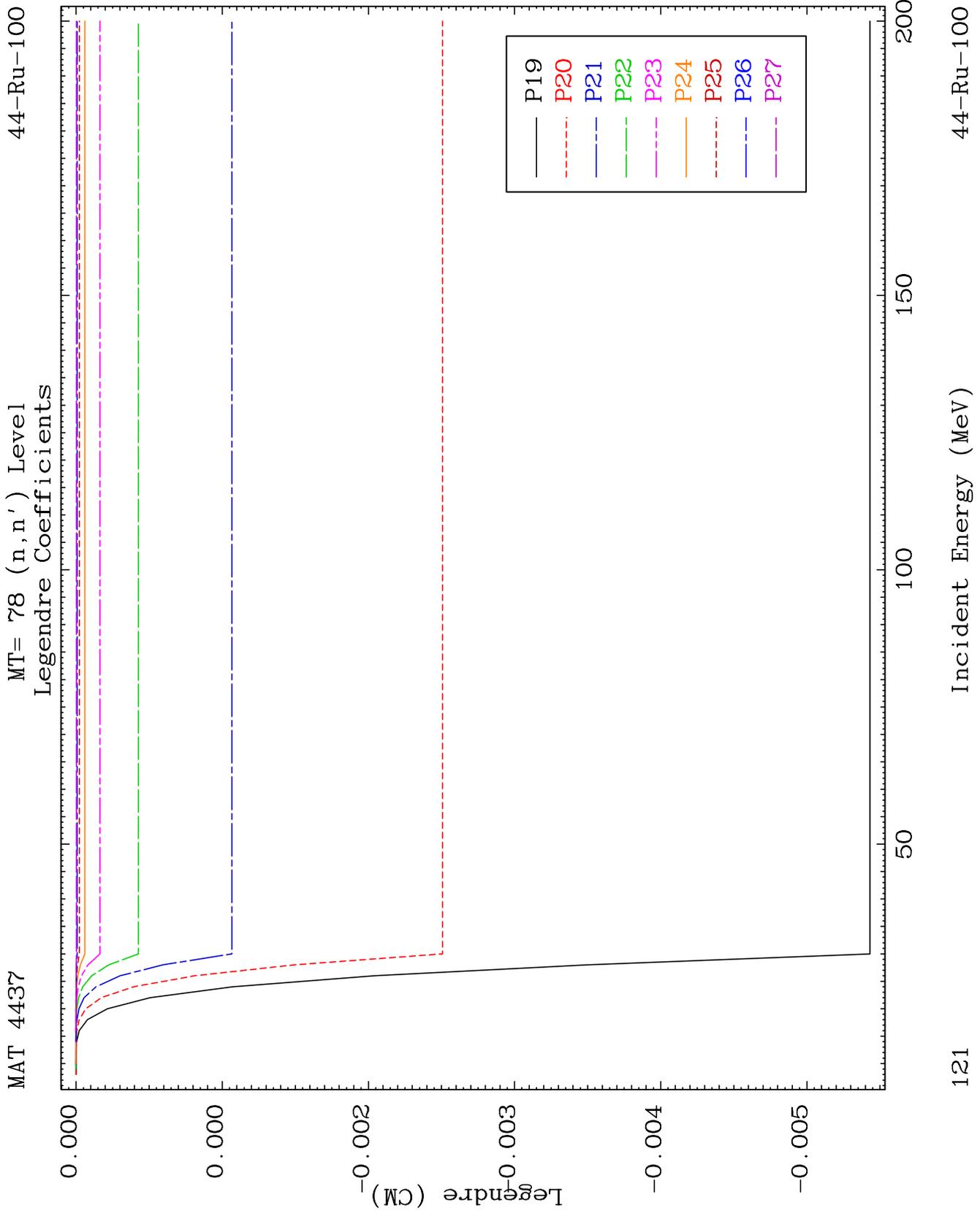
44-Ru-100

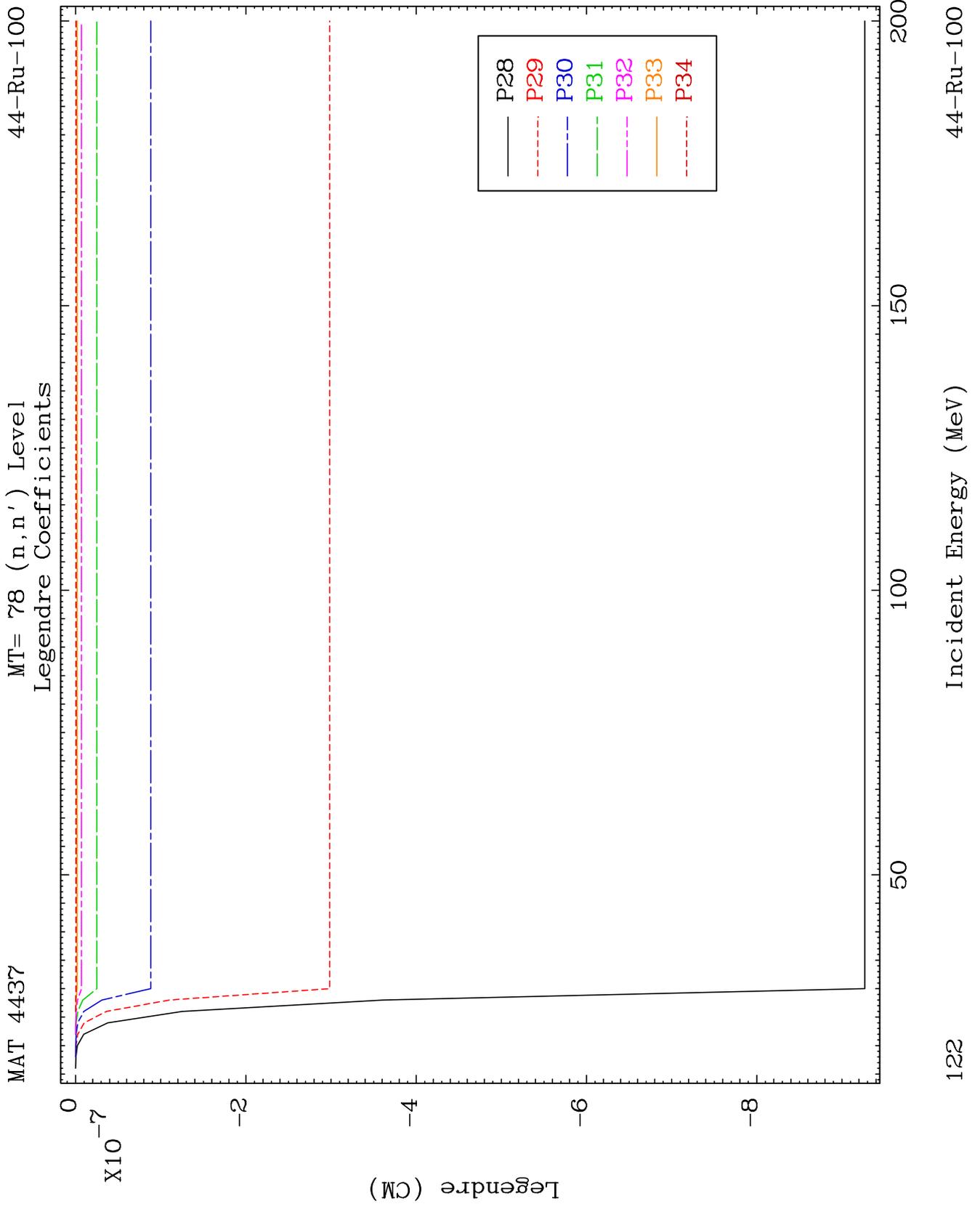
MAT 4437

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

44-Ru-100



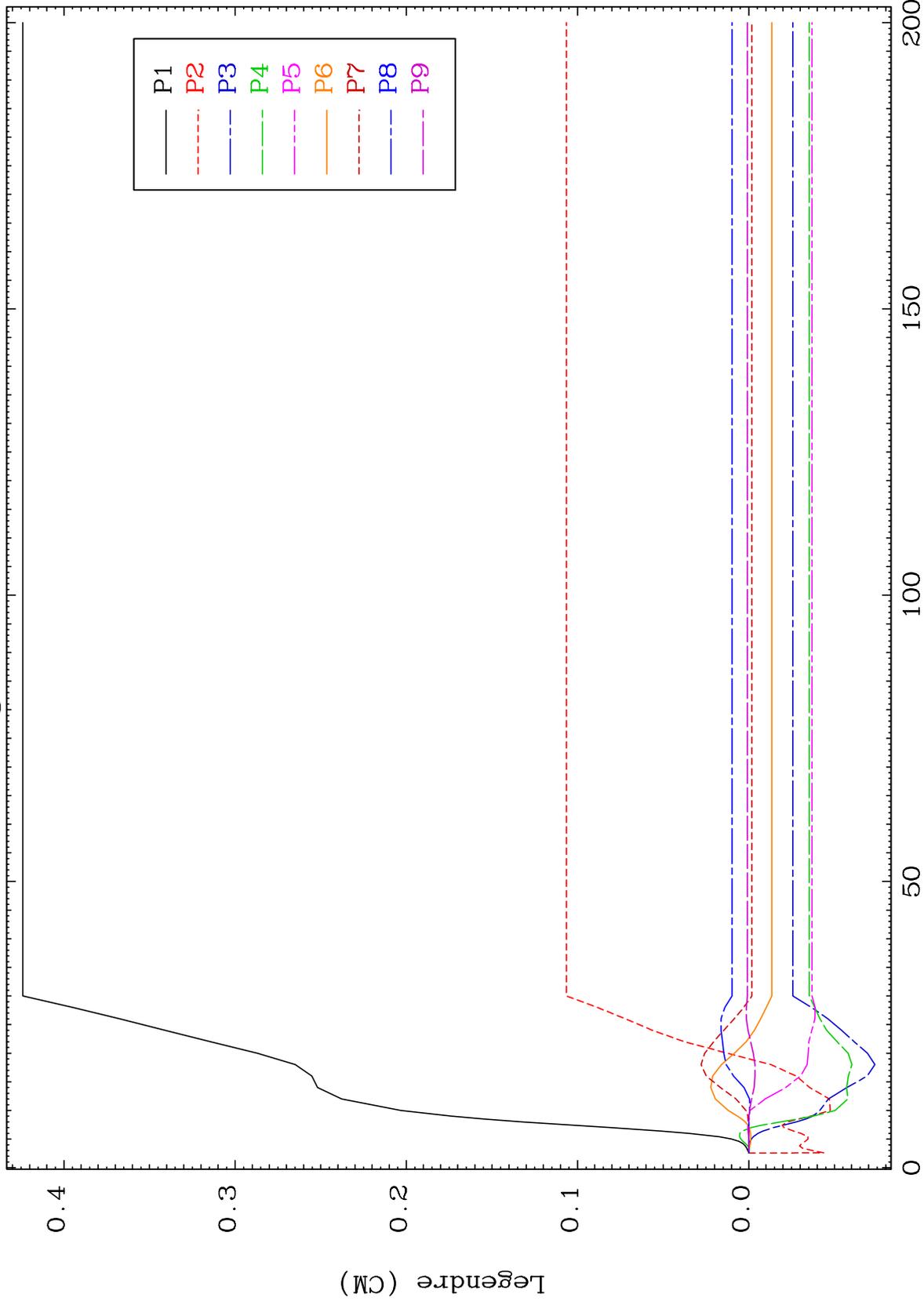




MAT 4437

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

44-Ru-100



123

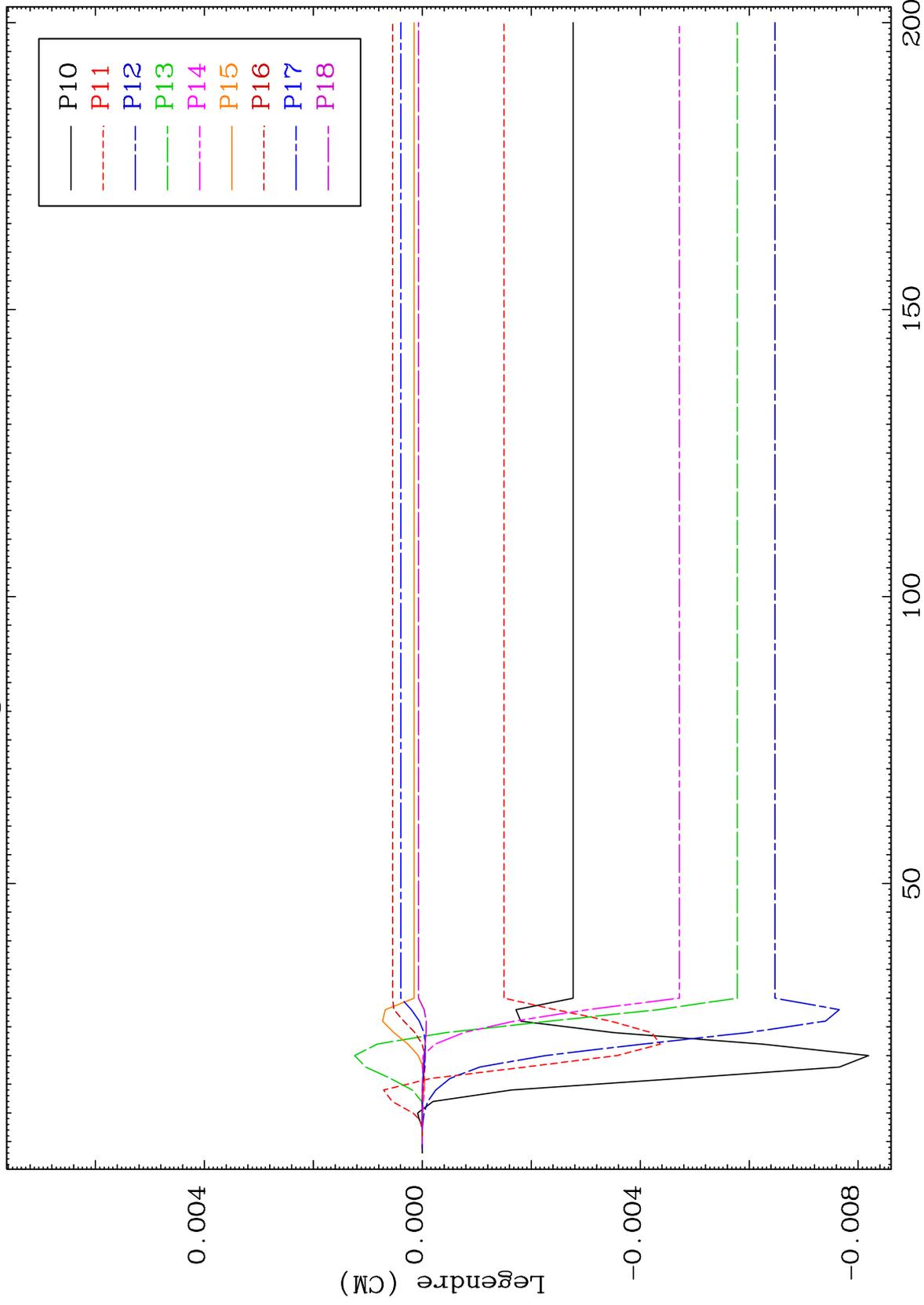
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

44-Ru-100



124

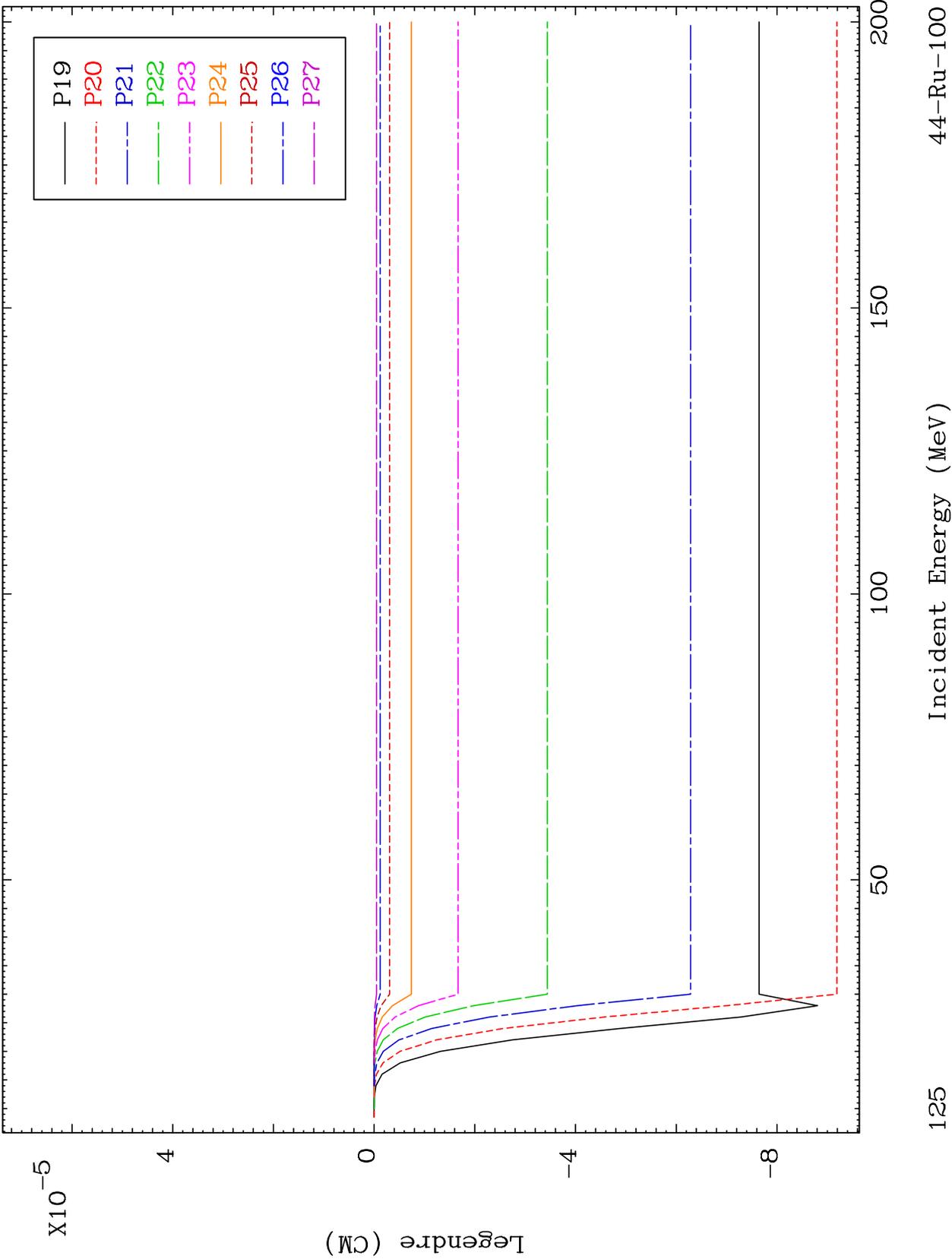
Incident Energy (MeV)

44-Ru-100

MAT 4437

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

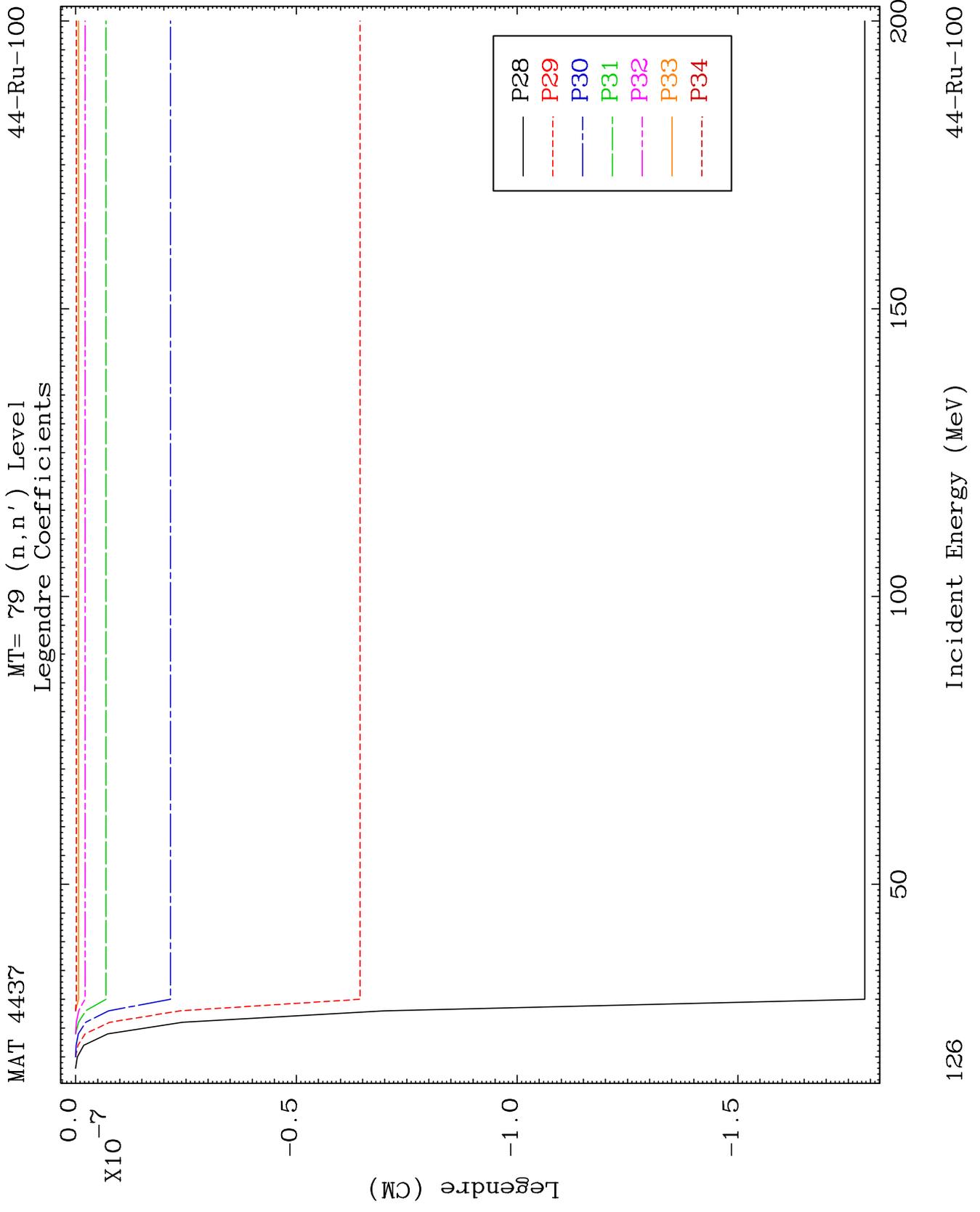
44-Ru-100

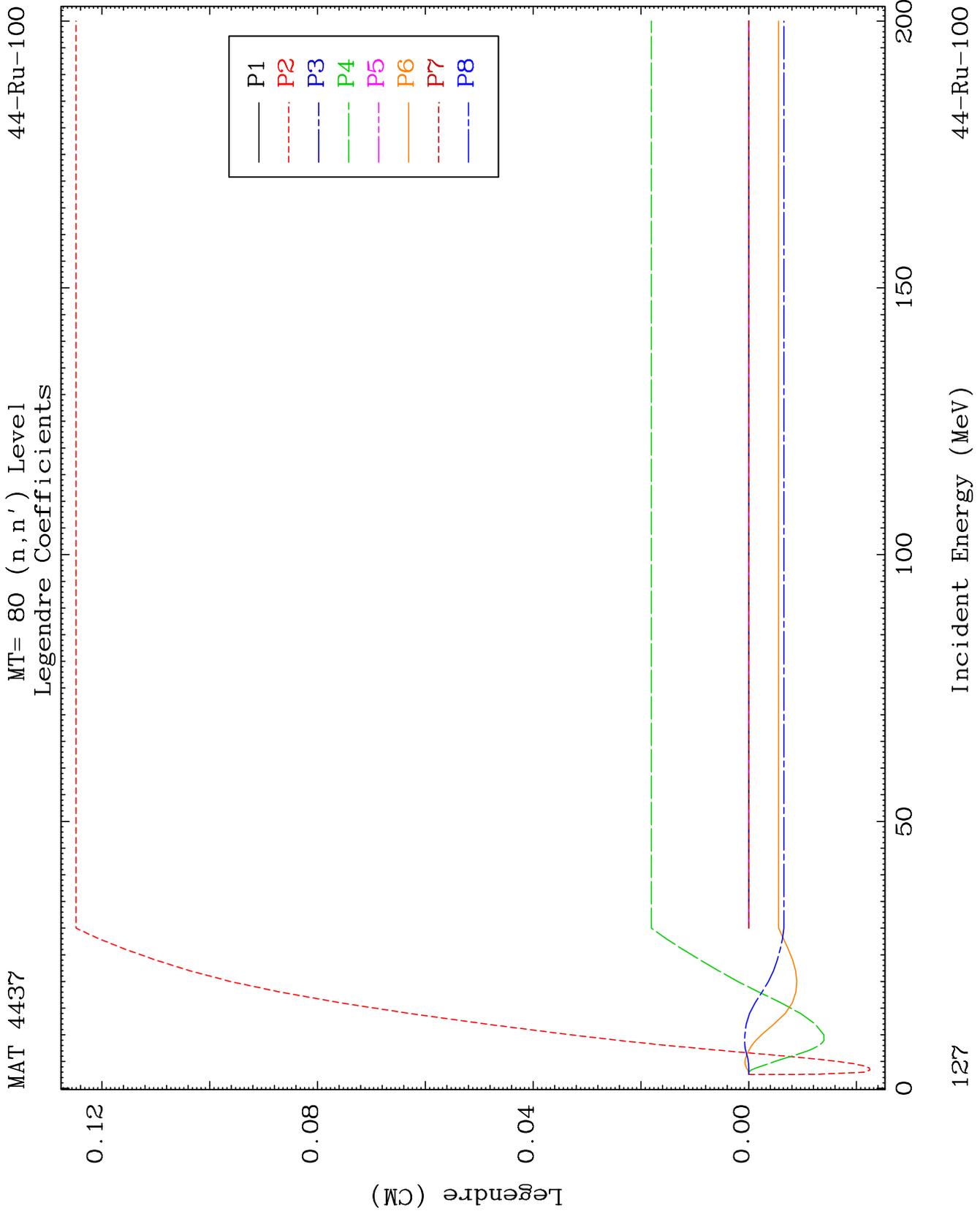


125

Incident Energy (MeV)

44-Ru-100

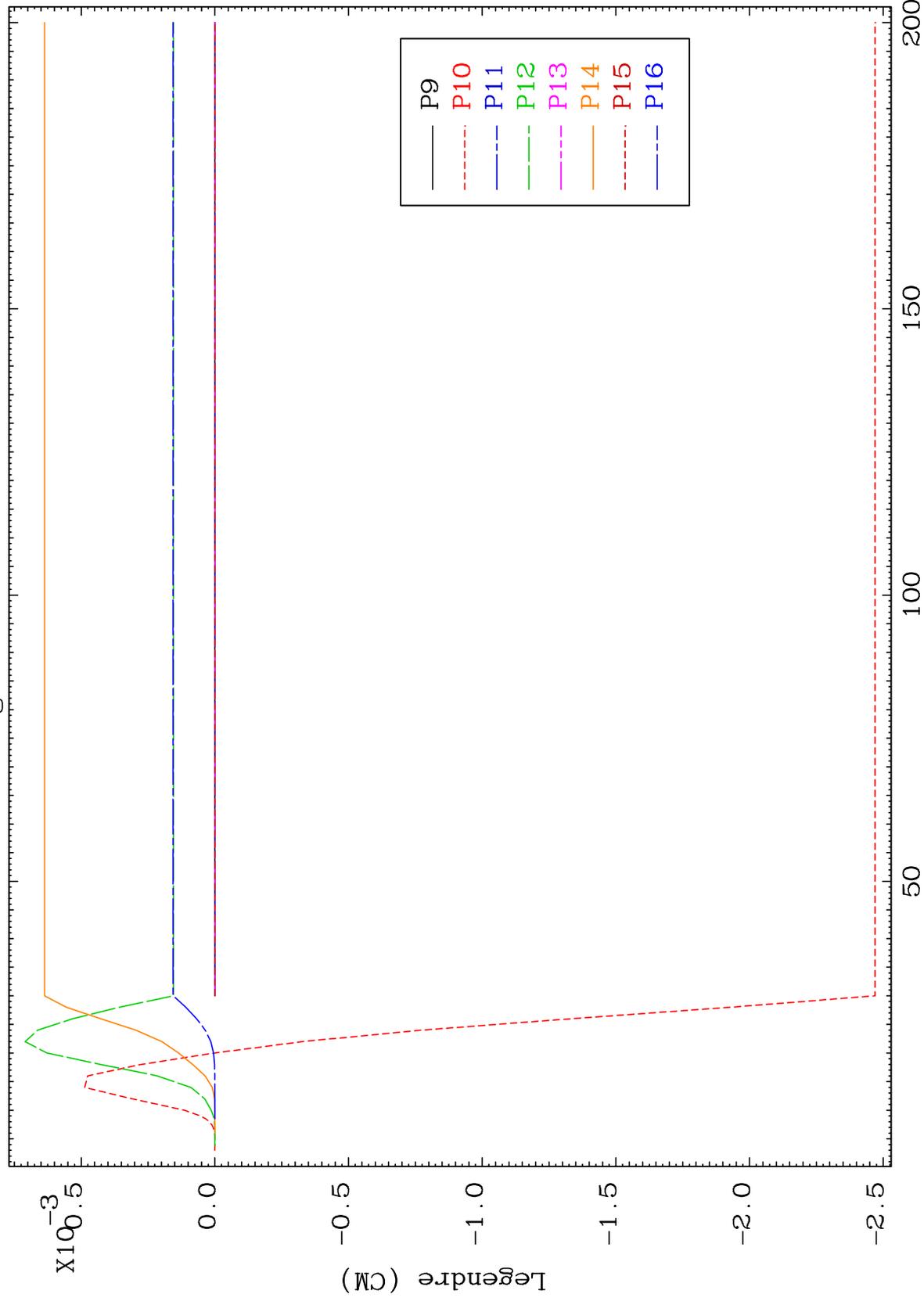




MAT 4437

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

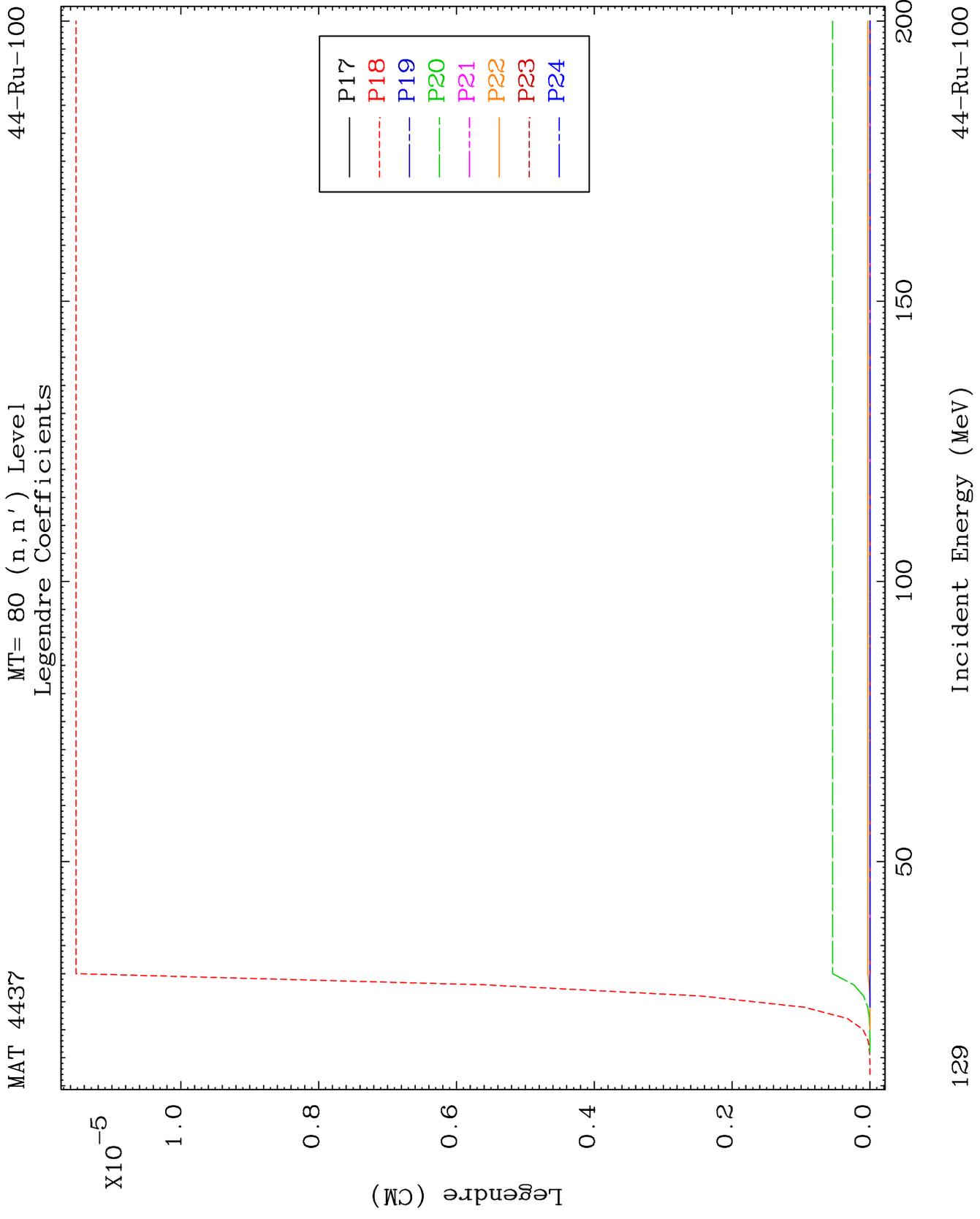
44-Ru-100



128

Incident Energy (MeV)

44-Ru-100

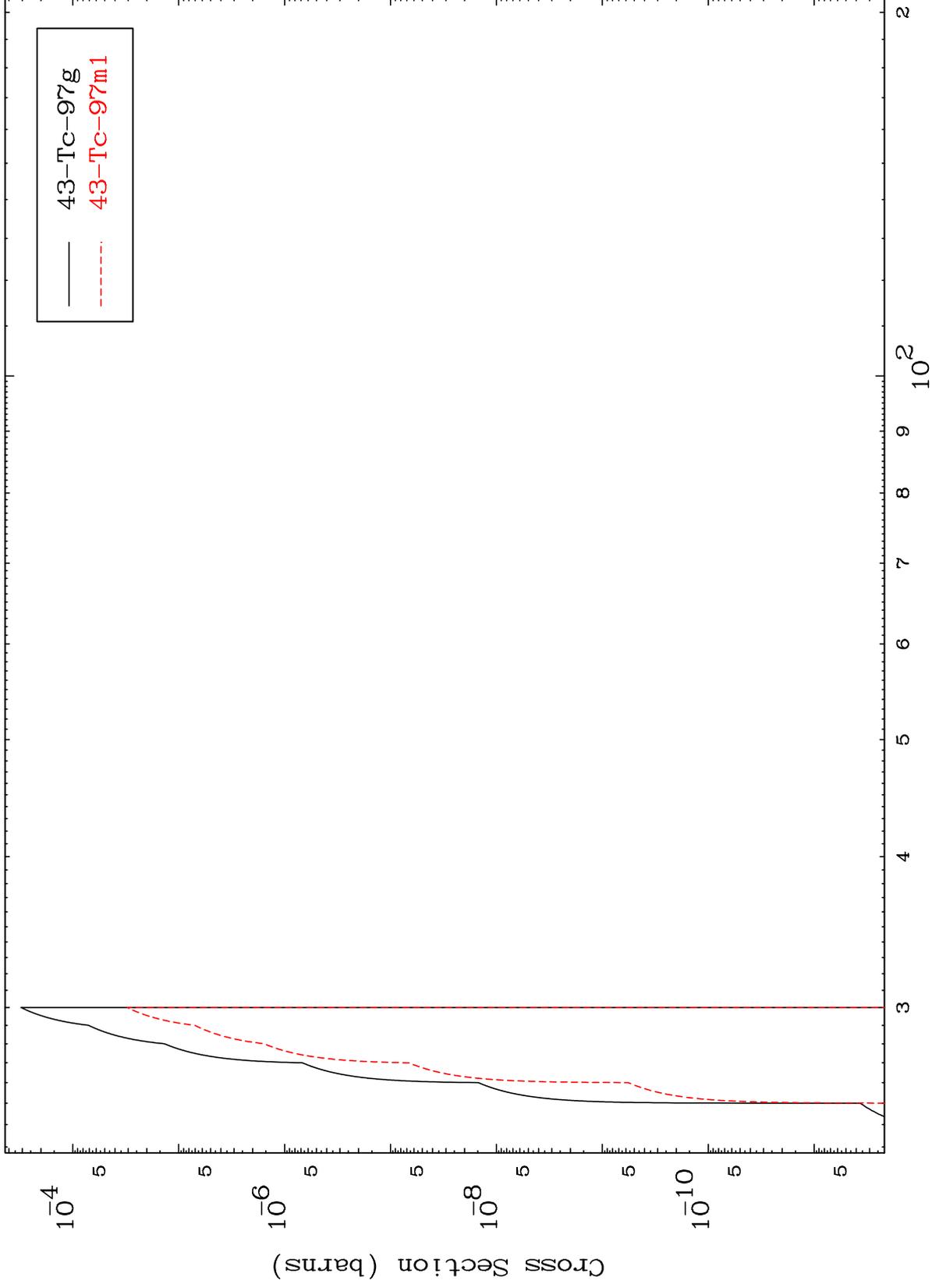


MAT 4437

(n,2n) d

44-Ru-100

Radionuclide Production Cross Section



130

Incident Energy (MeV)

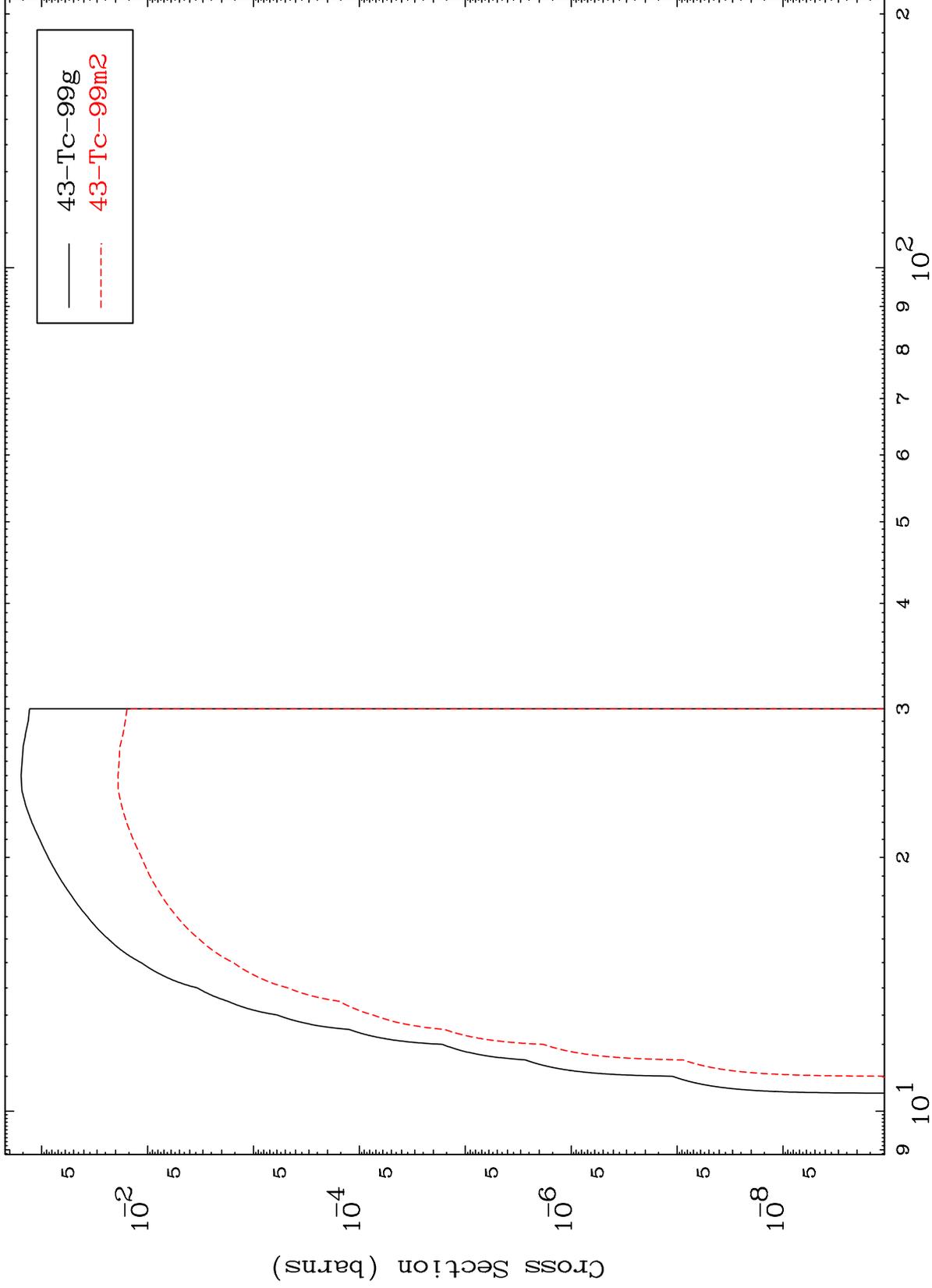
44-Ru-100

MAT 4437

(n,n') p

44-Ru-100

Radionuclide Production Cross Section



Incident Energy (MeV)

44-Ru-100

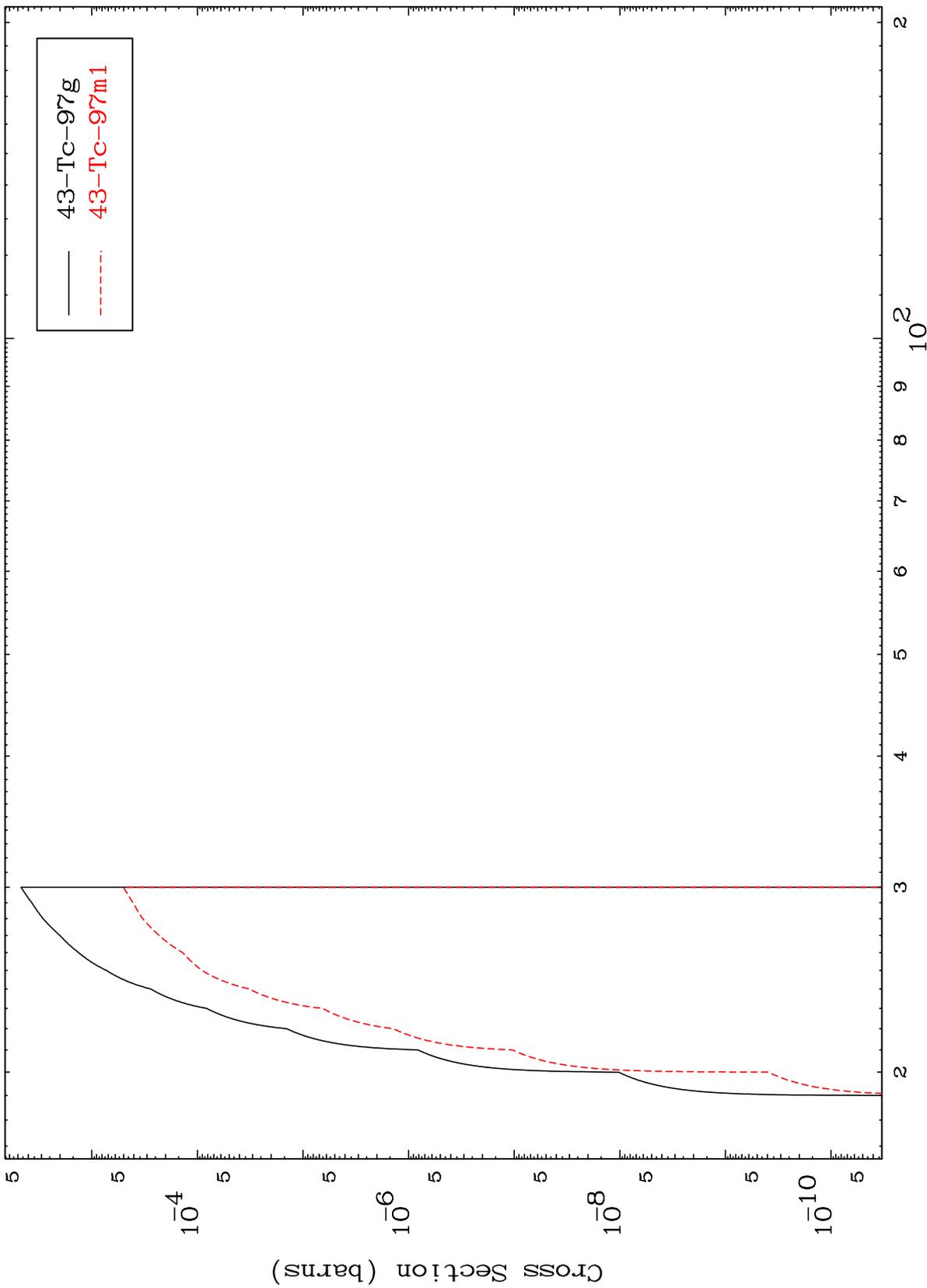
131

MAT 4437

(n,n') t

44-Ru-100

Radionuclide Production Cross Section

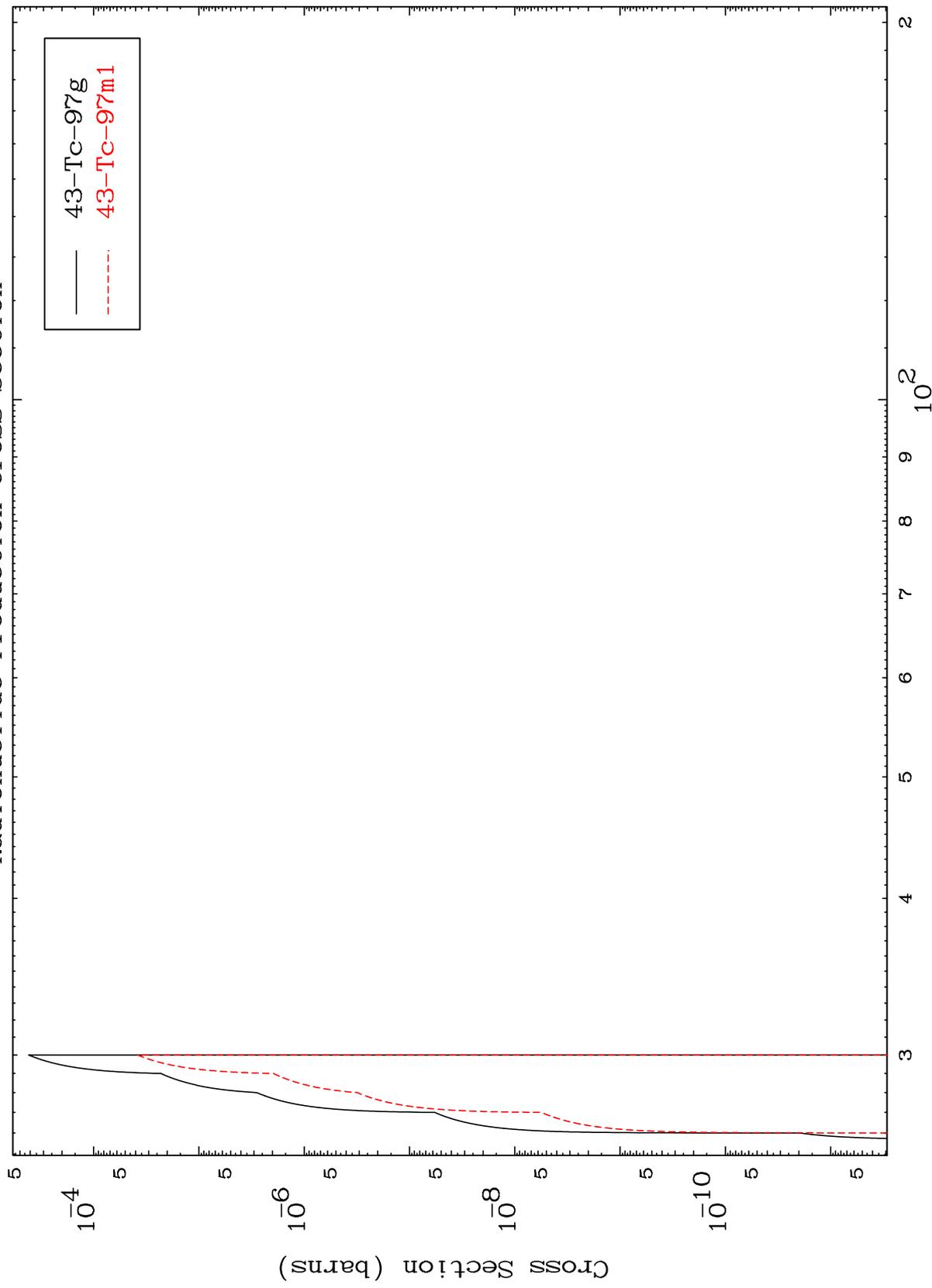


132

Incident Energy (MeV)

44-Ru-100

(n,3n) p
Radionuclide Production Cross Section

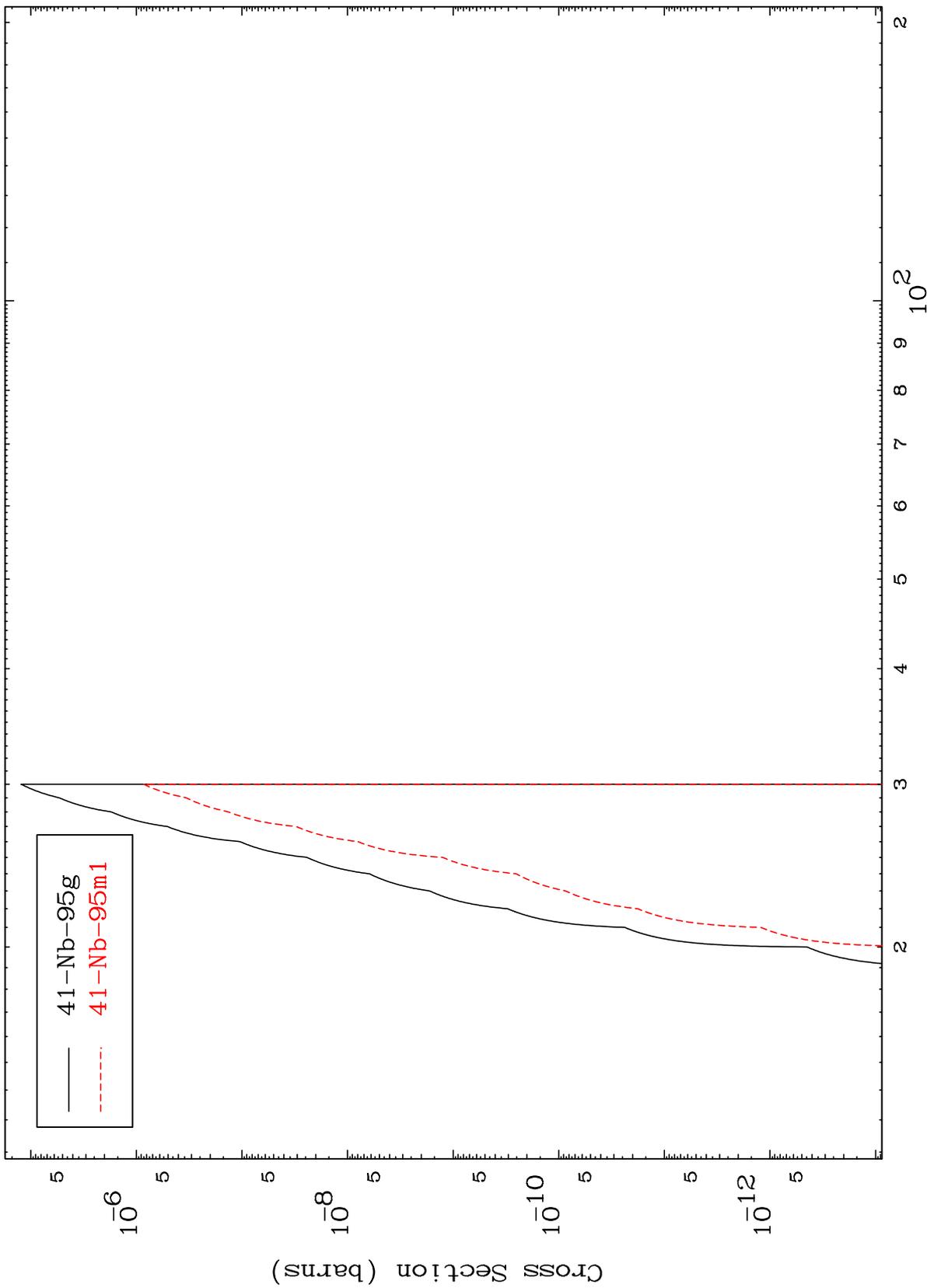


43-Tc-97g
43-Tc-97m1

MAT 4437

44-Ru-100

(n,n') p α
Radionuclide Production Cross Section



134

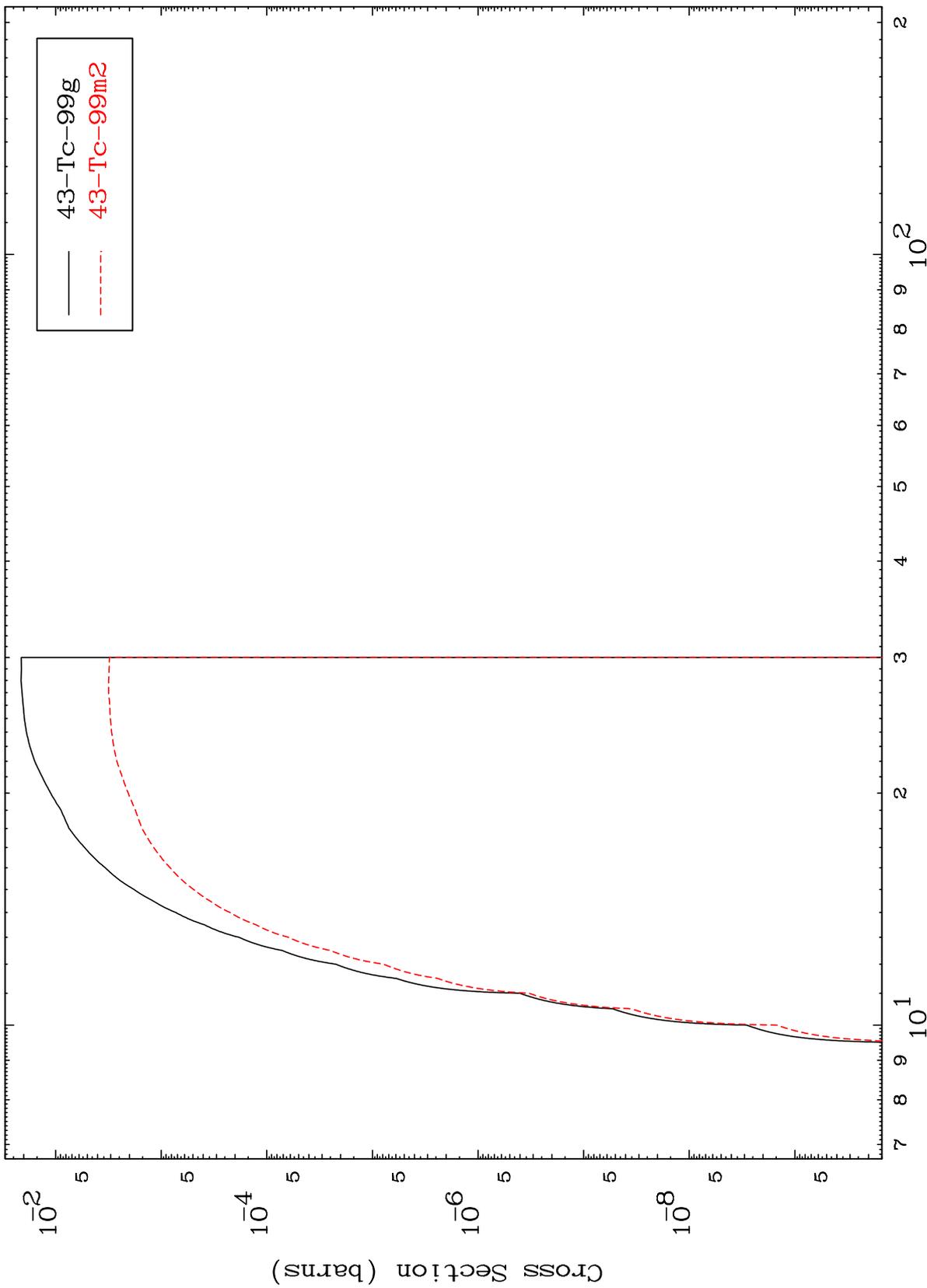
44-Ru-100

Incident Energy (MeV)

MAT 4437

44-Ru-100

(n,d)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

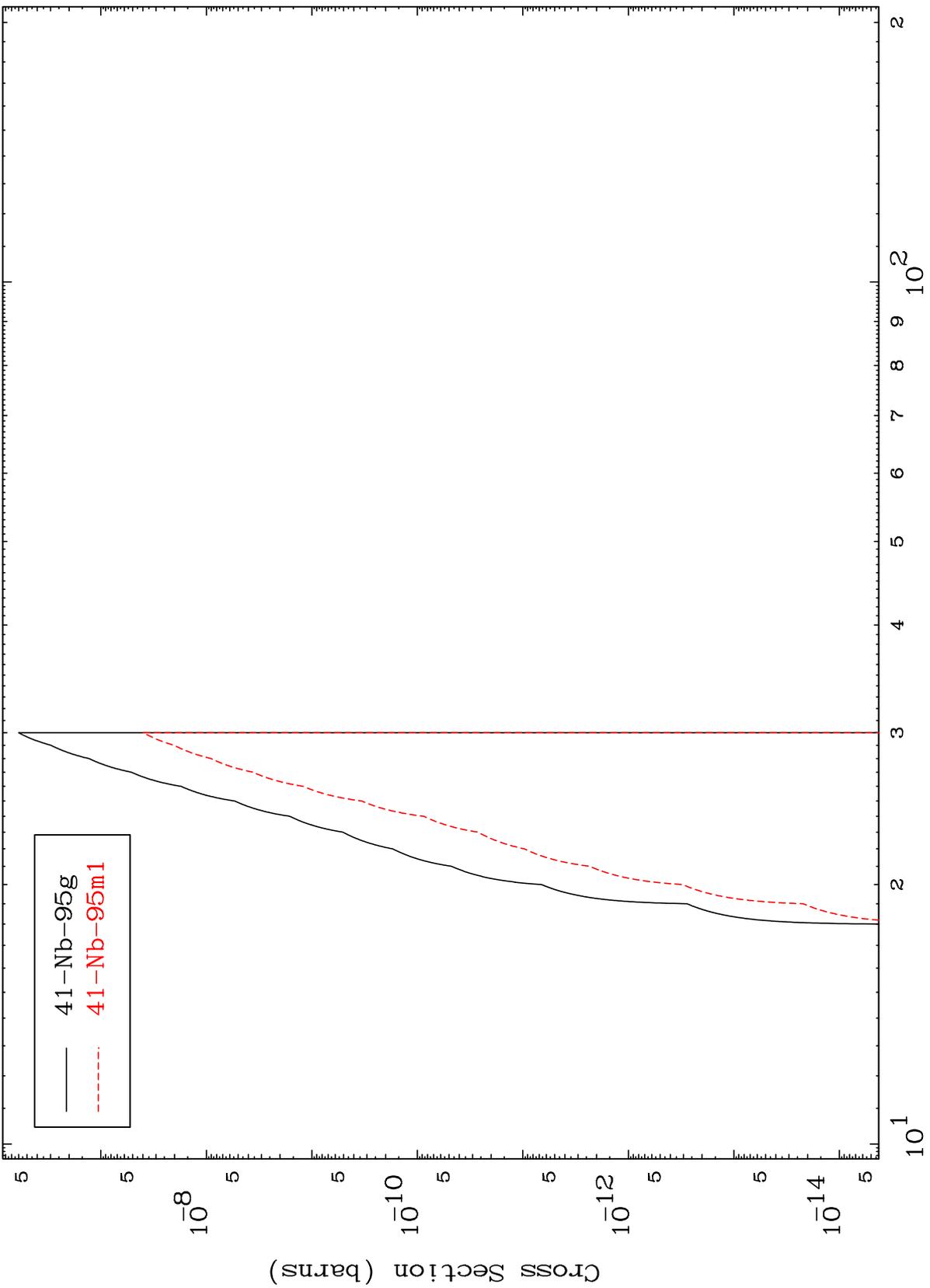
44-Ru-100

MAT 4437

(n,d) α

44-Ru-100

Radionuclide Production Cross Section



136

Incident Energy (MeV)

44-Ru-100