

Program EVALPLOT
(Version 2018-1)

by

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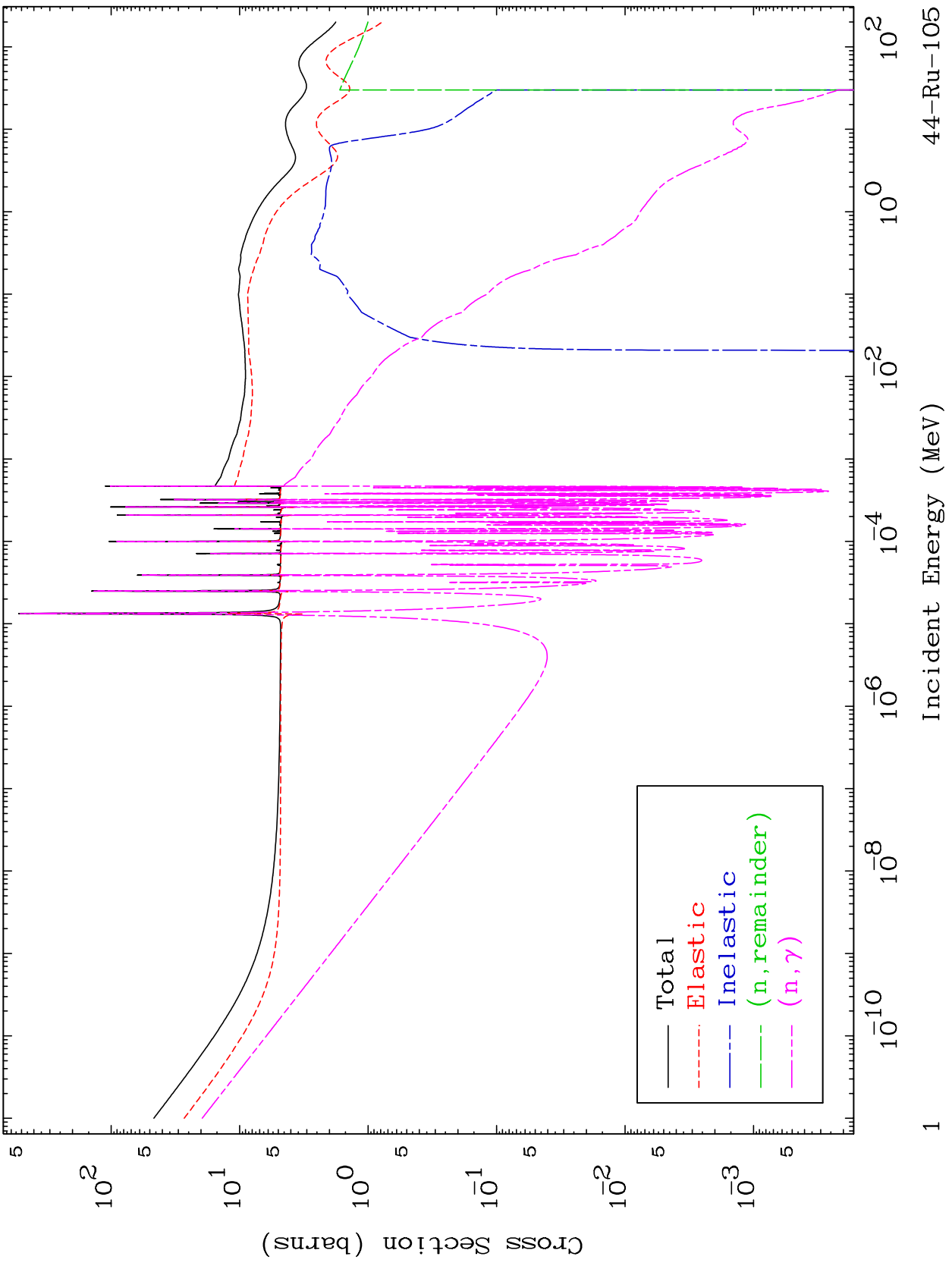
Press Mouse Button to Start

MAT 4452

Major

293 Kelvin Cross Sections

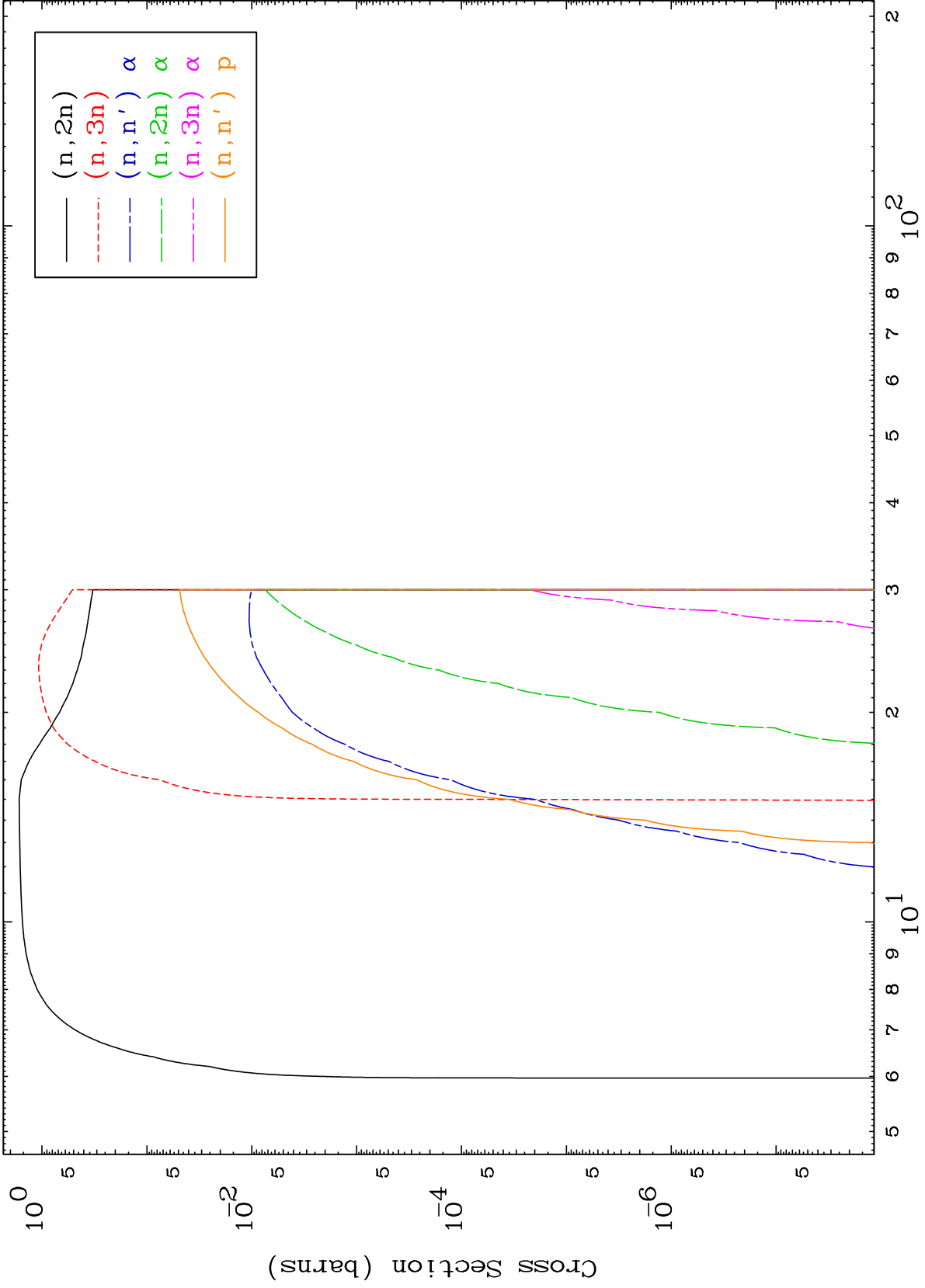
44-Ru-105



MAT 4452

Neutron Production
293 Kelvin Cross Sections

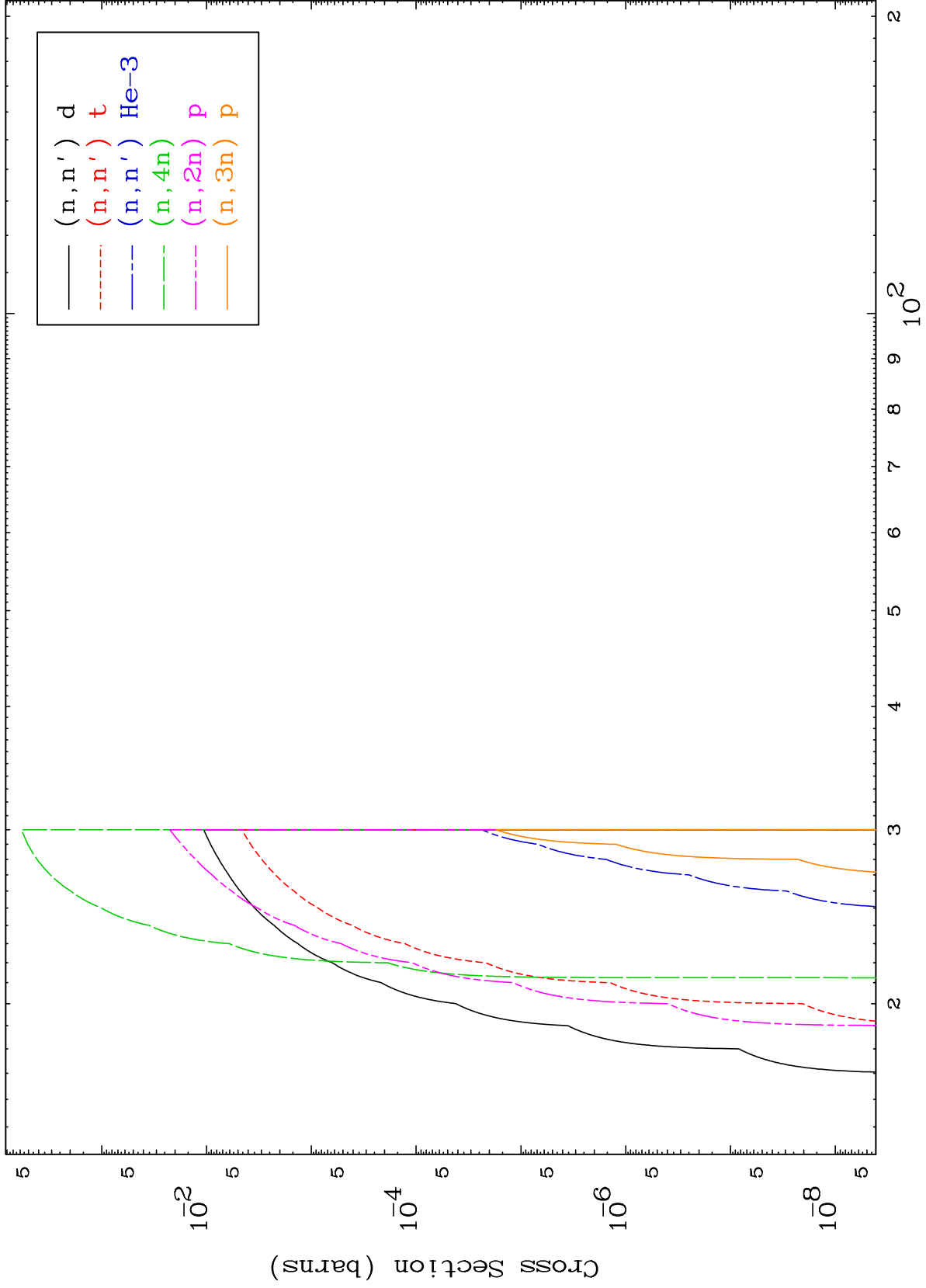
44-Ru-105



2

Incident Energy (MeV)

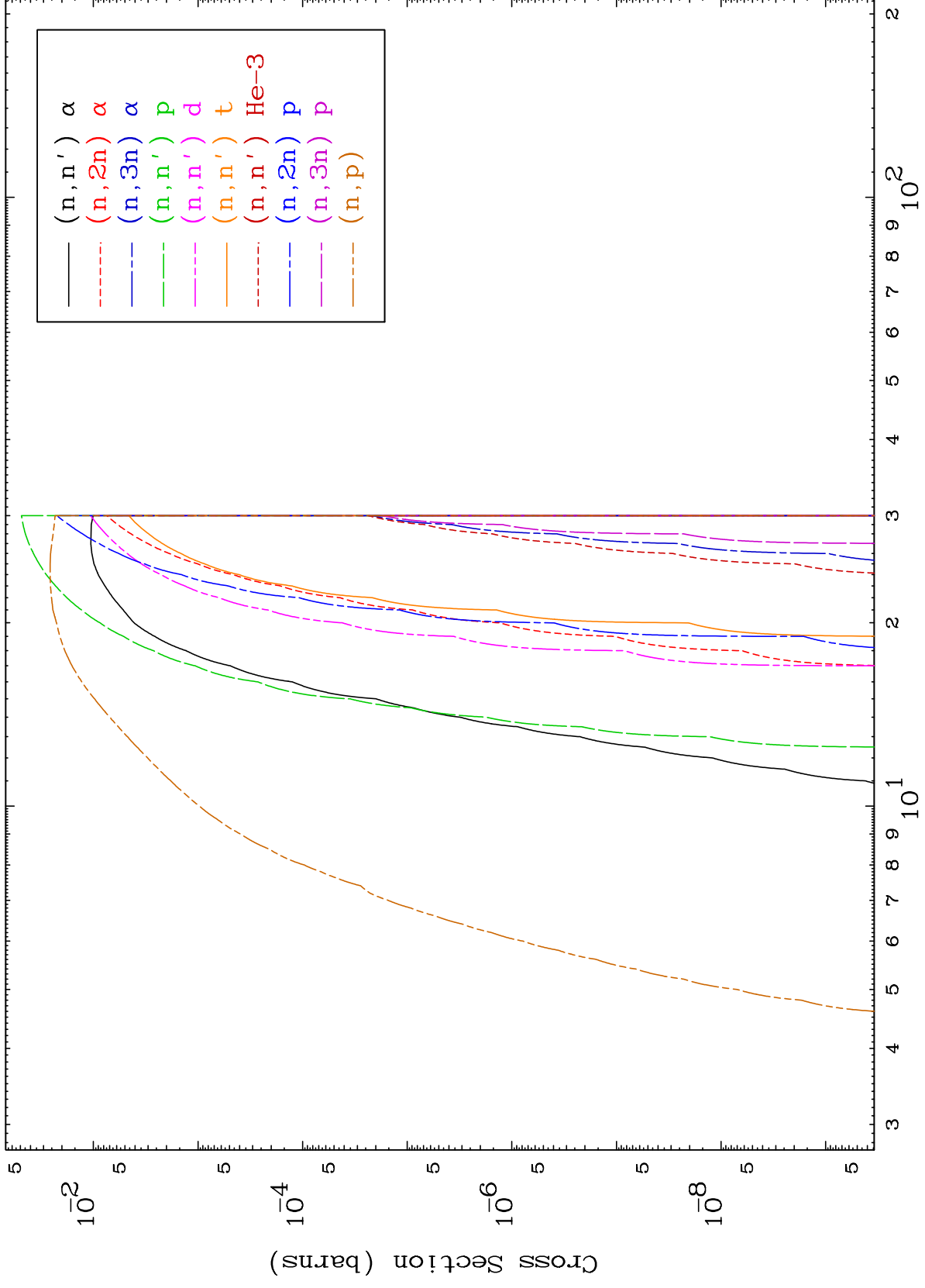
44-Ru-105



MAT 4452

Charged Particle
293 Kelvin Cross Sections

44-Ru-105



44-Ru-105

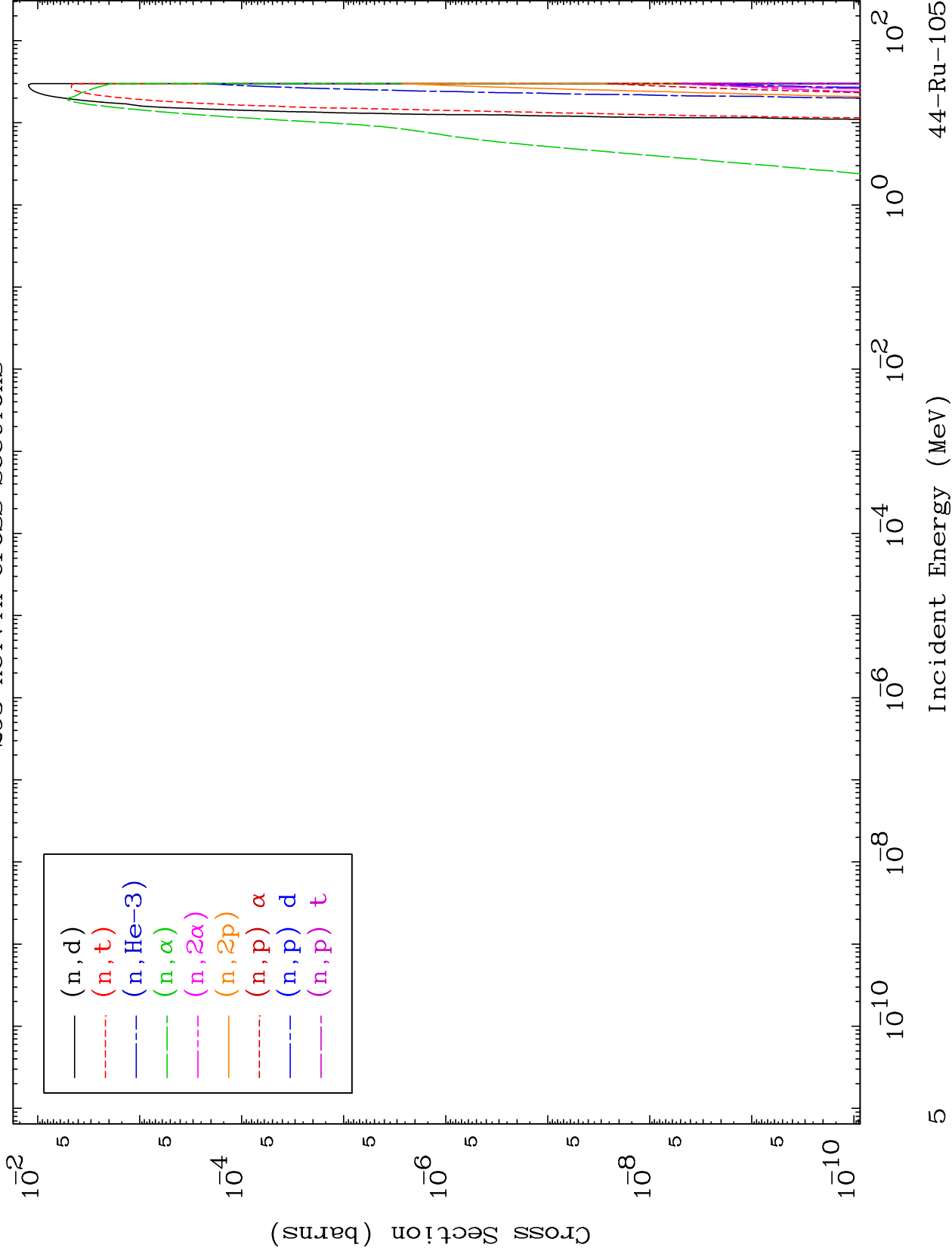
Incident Energy (MeV)

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MAT 4452

Charged Particle
293 Kelvin Cross Sections

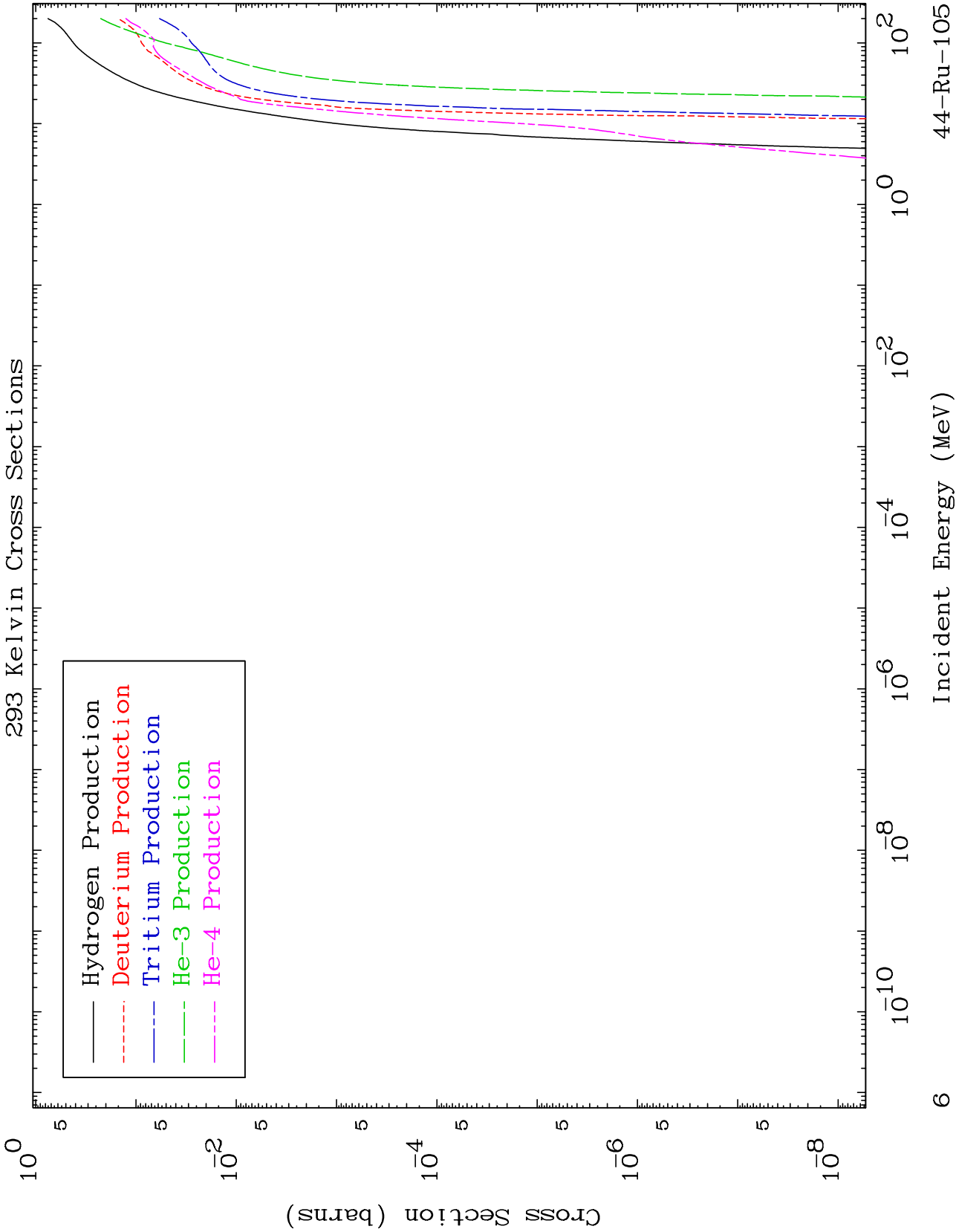
44-Ru-105



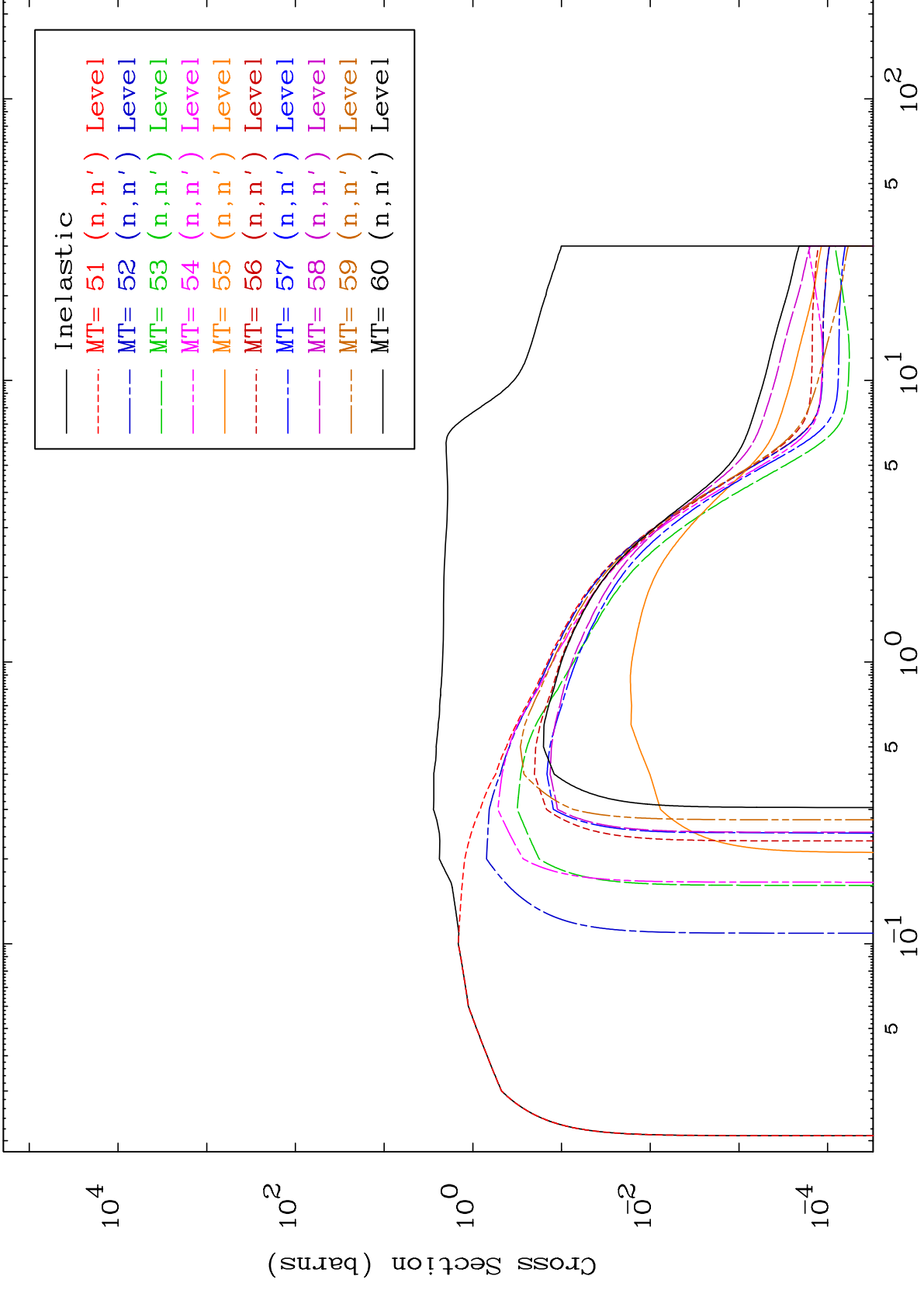
MAT 4452

Particle Production
293 Kelvin Cross Sections

44-Ru-105



293 Kelvin Cross Sections

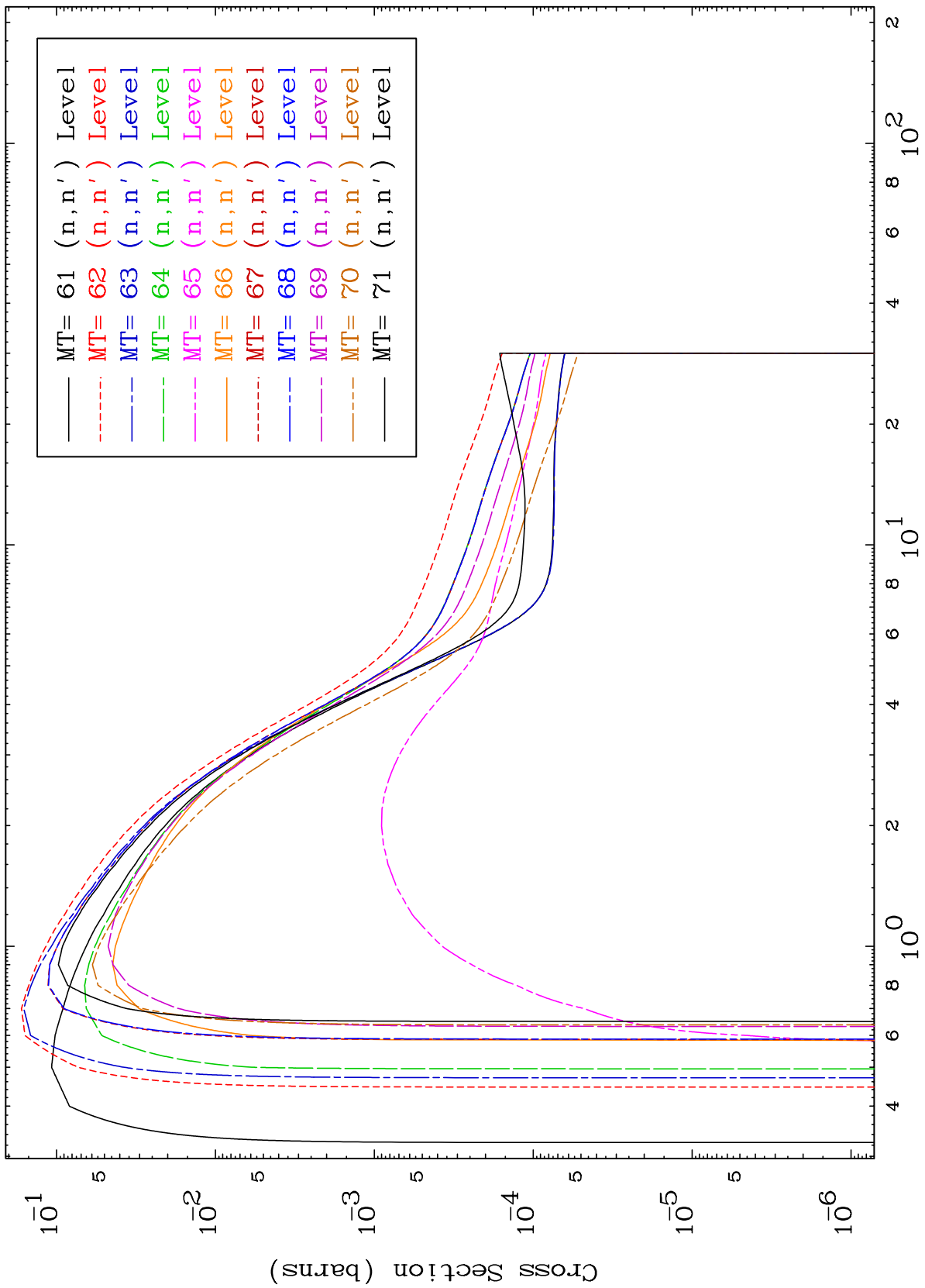


MAT 4452

(n,n') Level

293 Kelvin Cross Sections

44-Ru-105

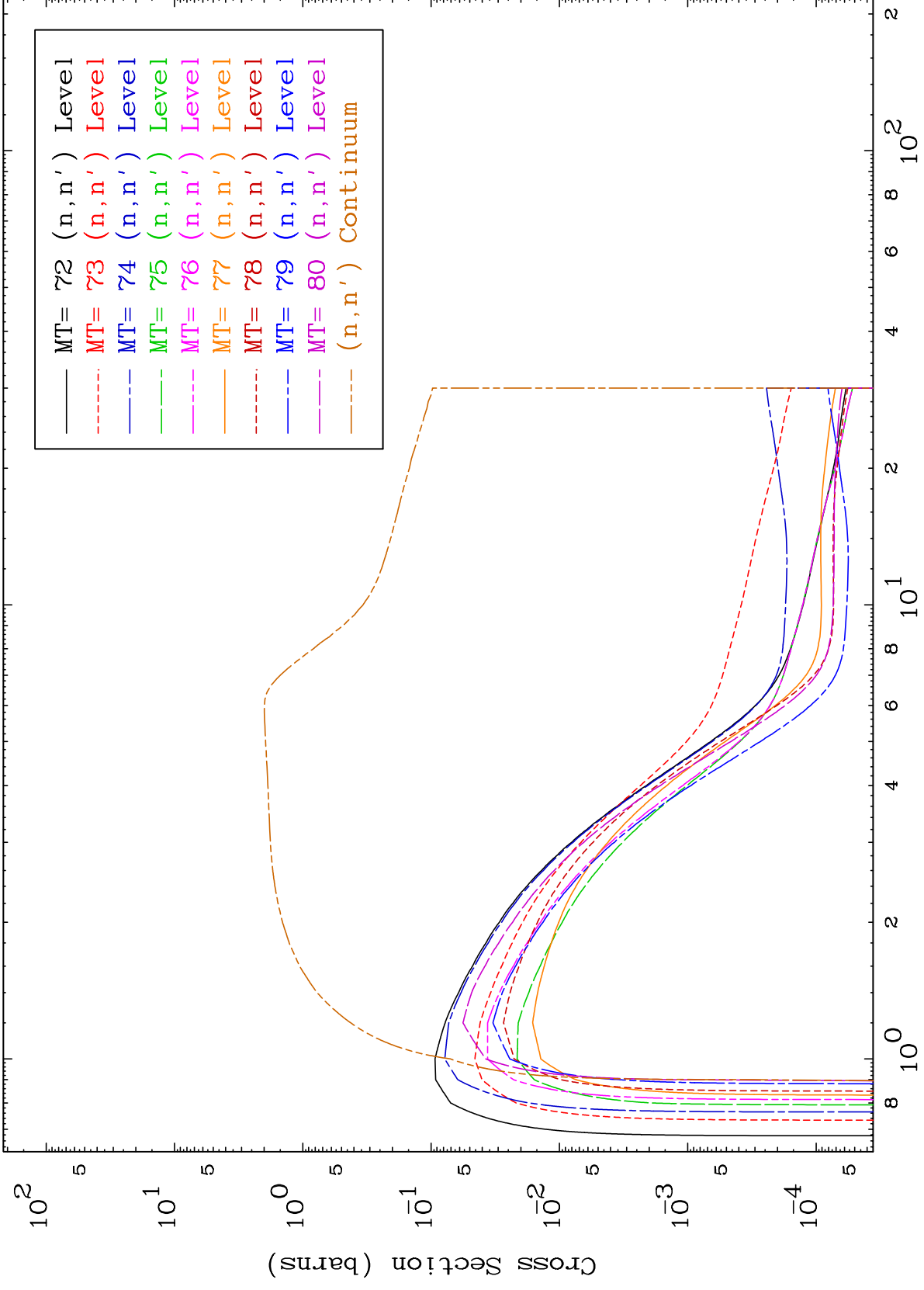


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Incident Energy (MeV)

44-Ru-105

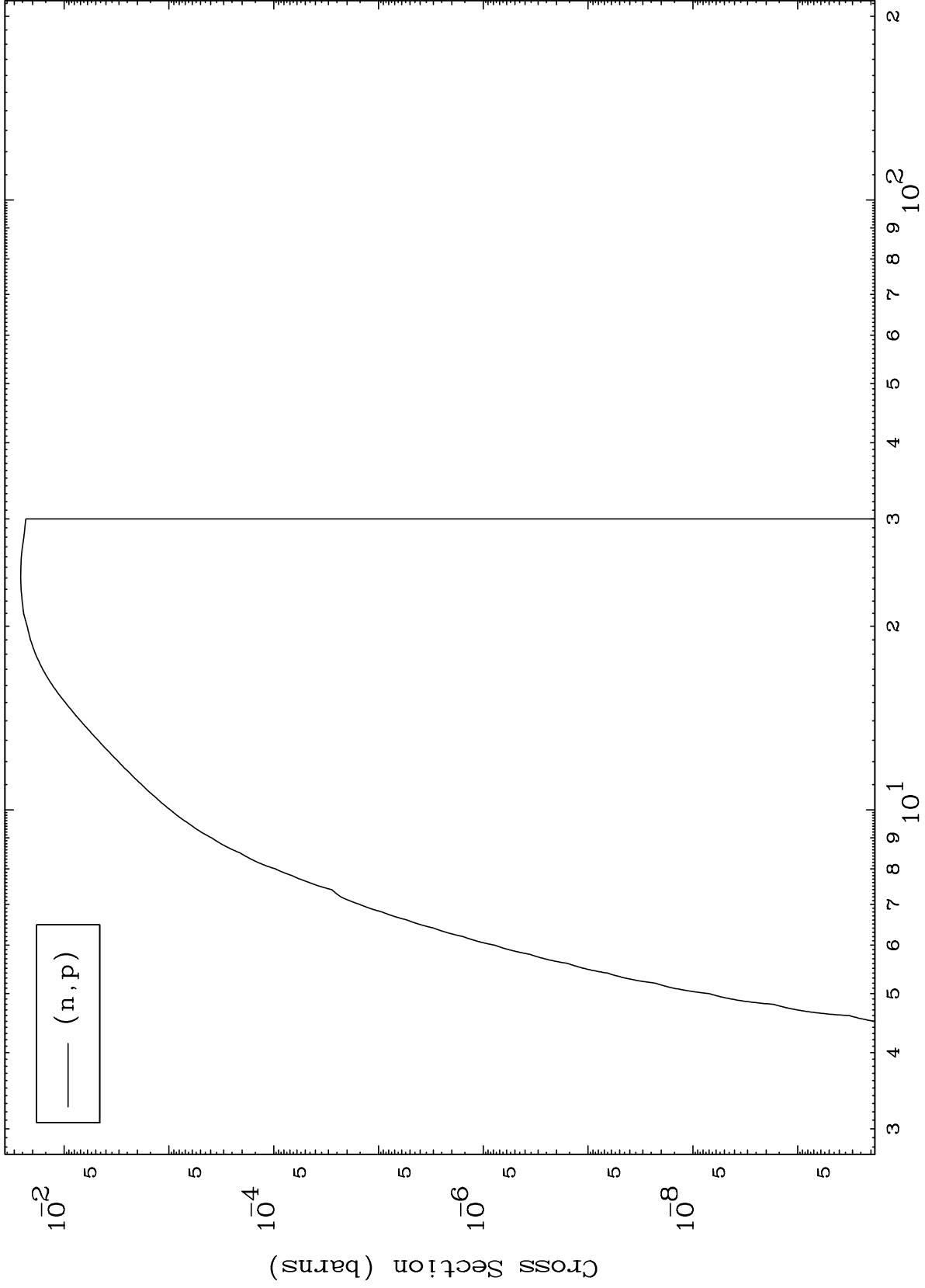
293 Kelvin Cross Sections



MAT 4452

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-105



10

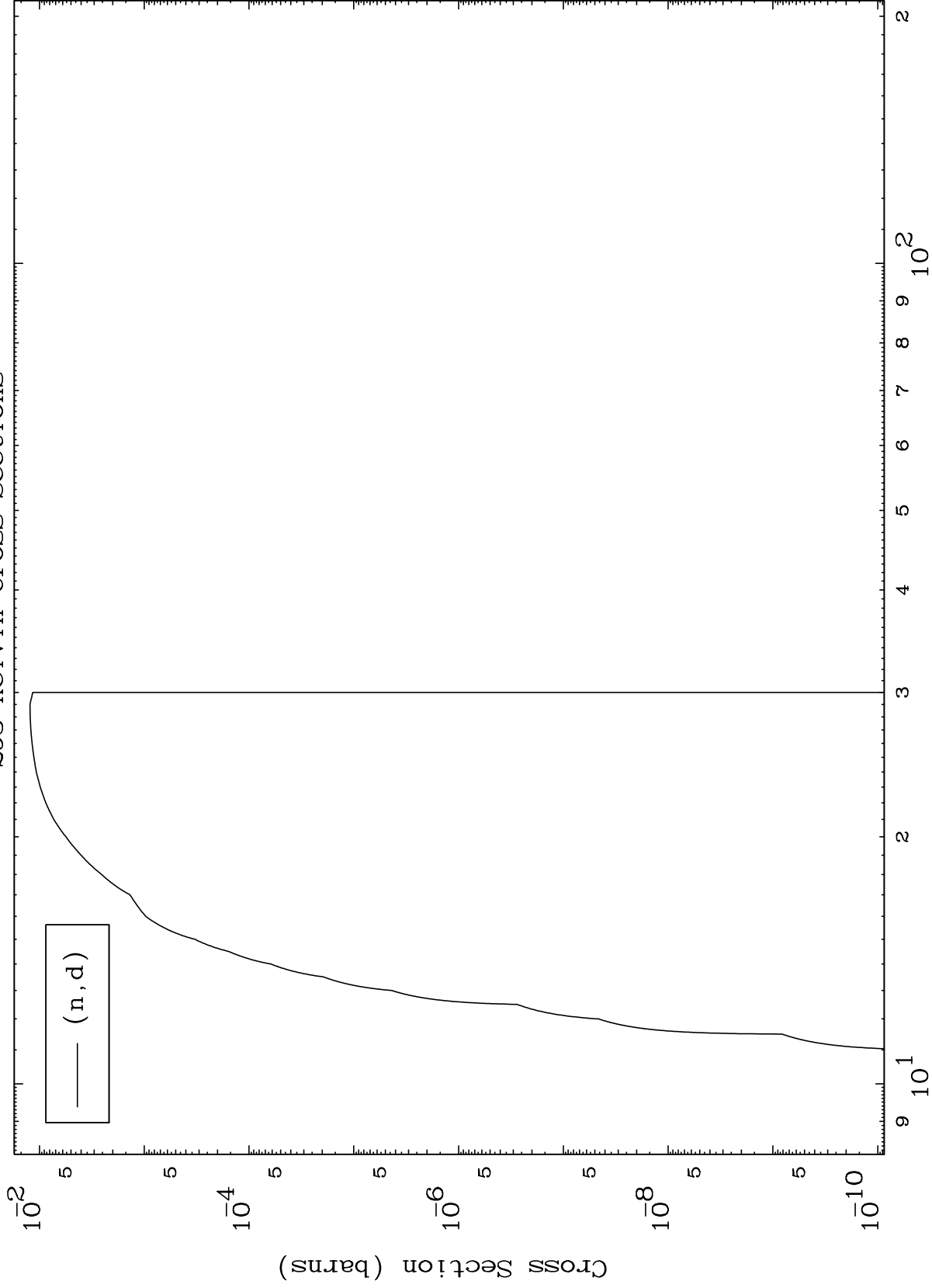
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-105



11

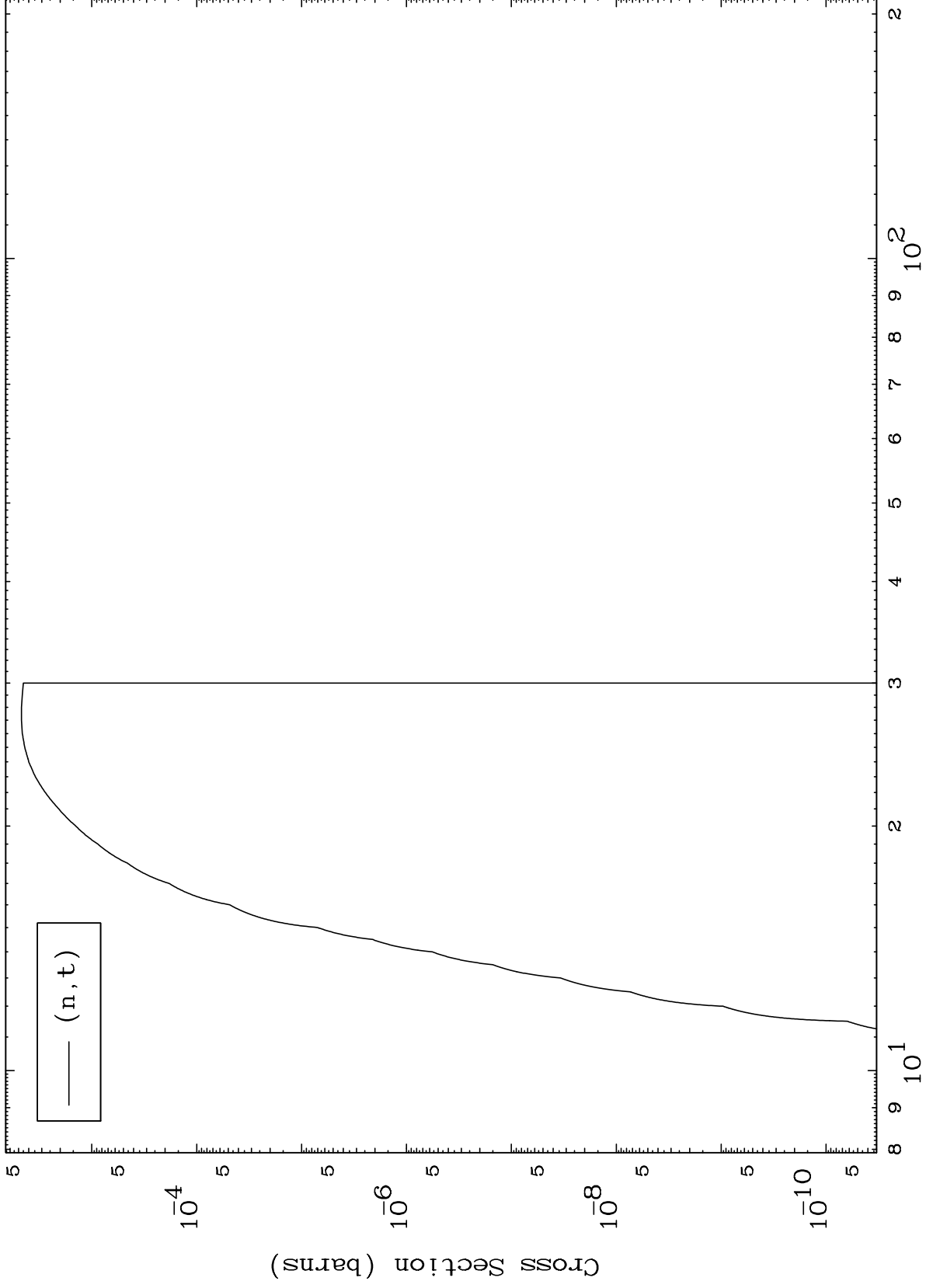
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-105



12

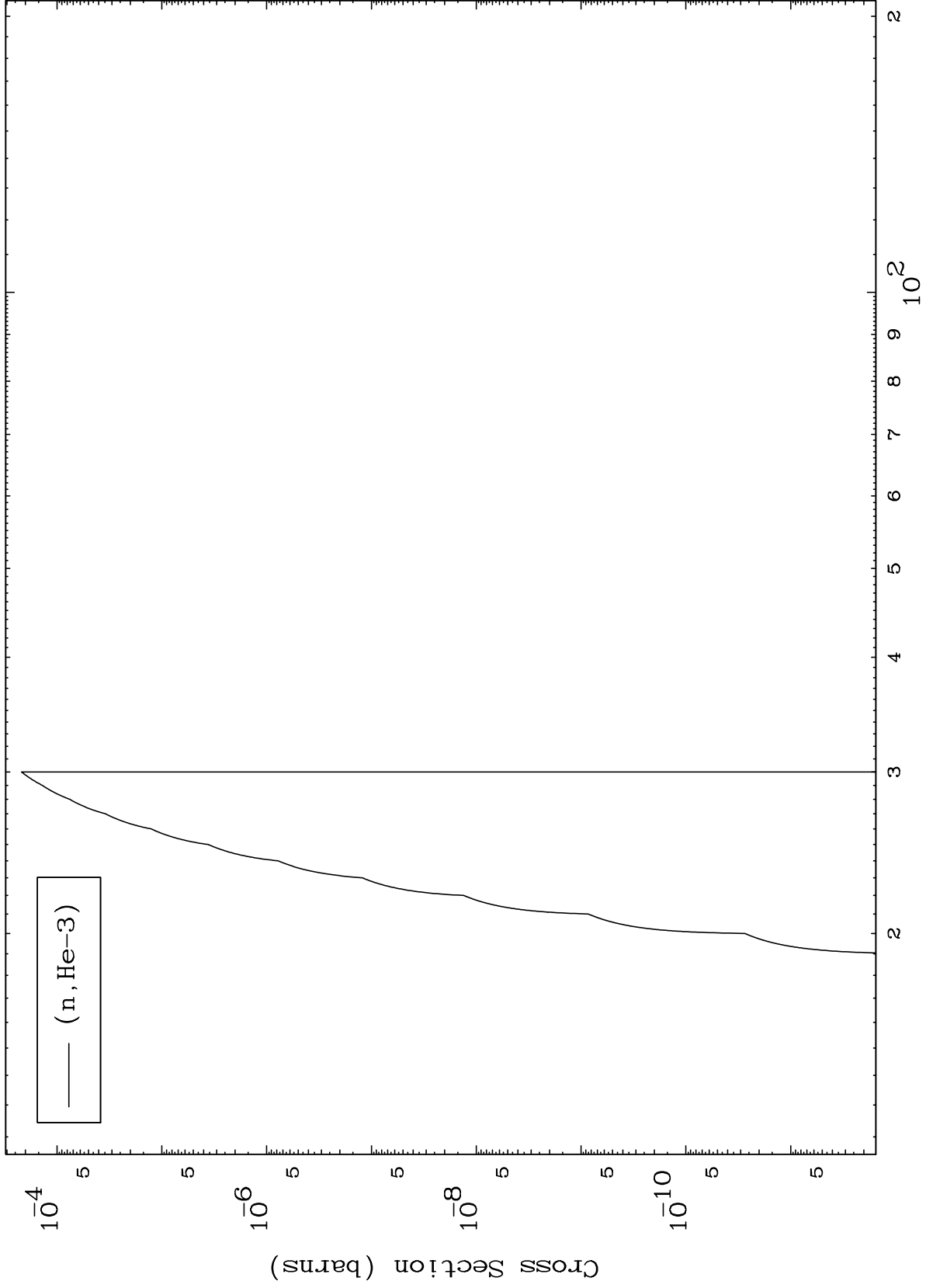
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-105



13

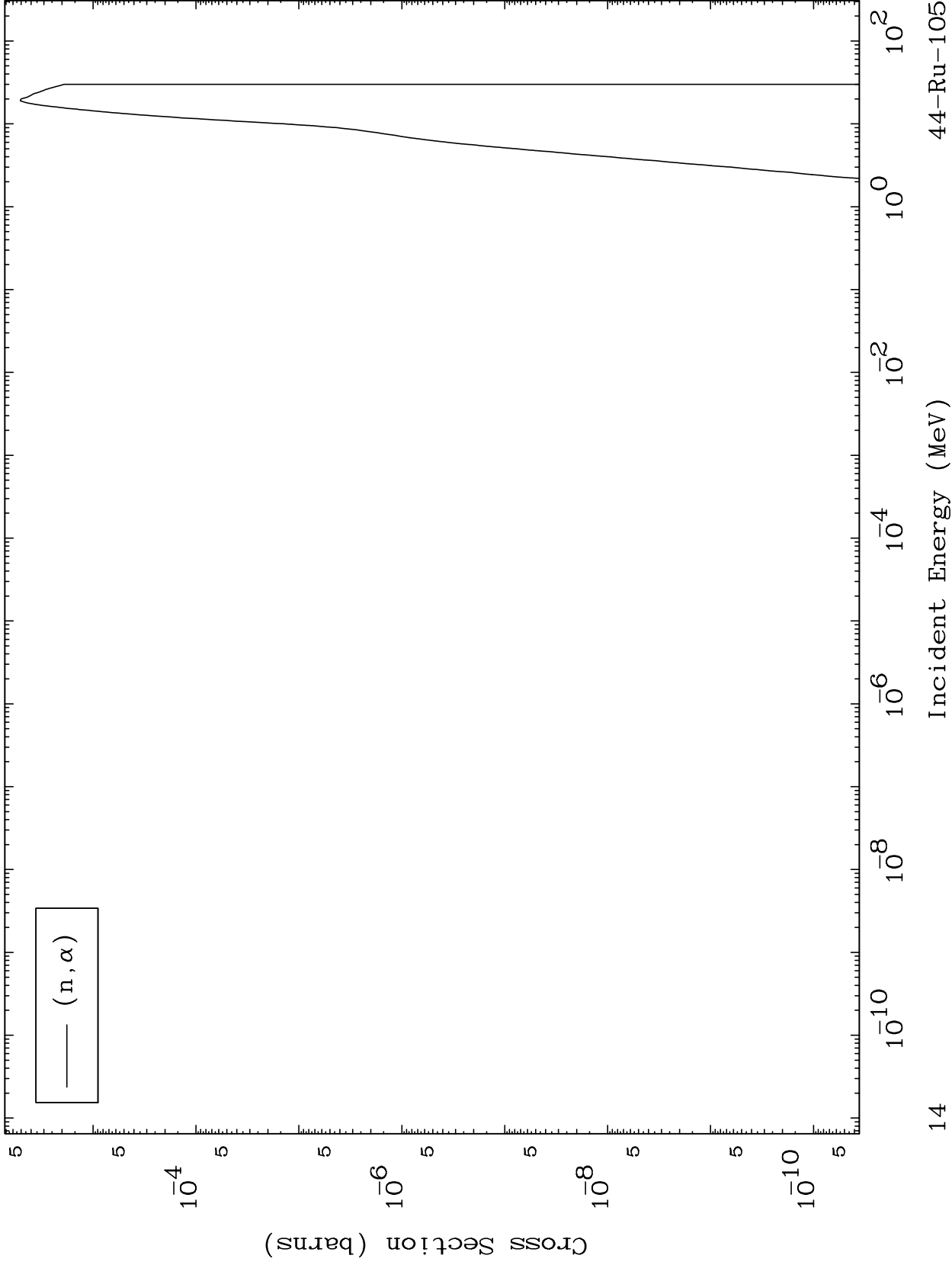
Incident Energy (MeV)

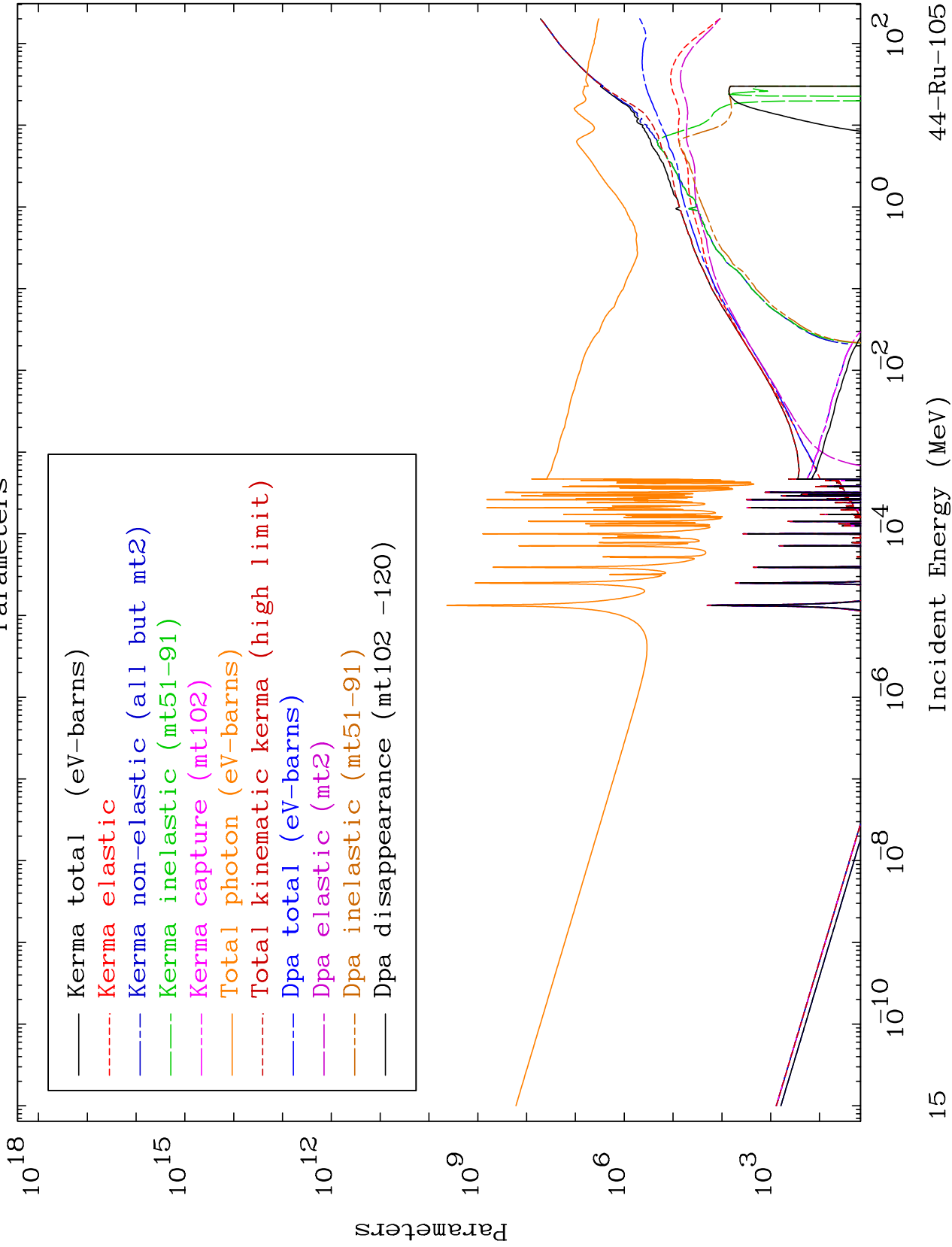
44-Ru-105

MAT 4452

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-105

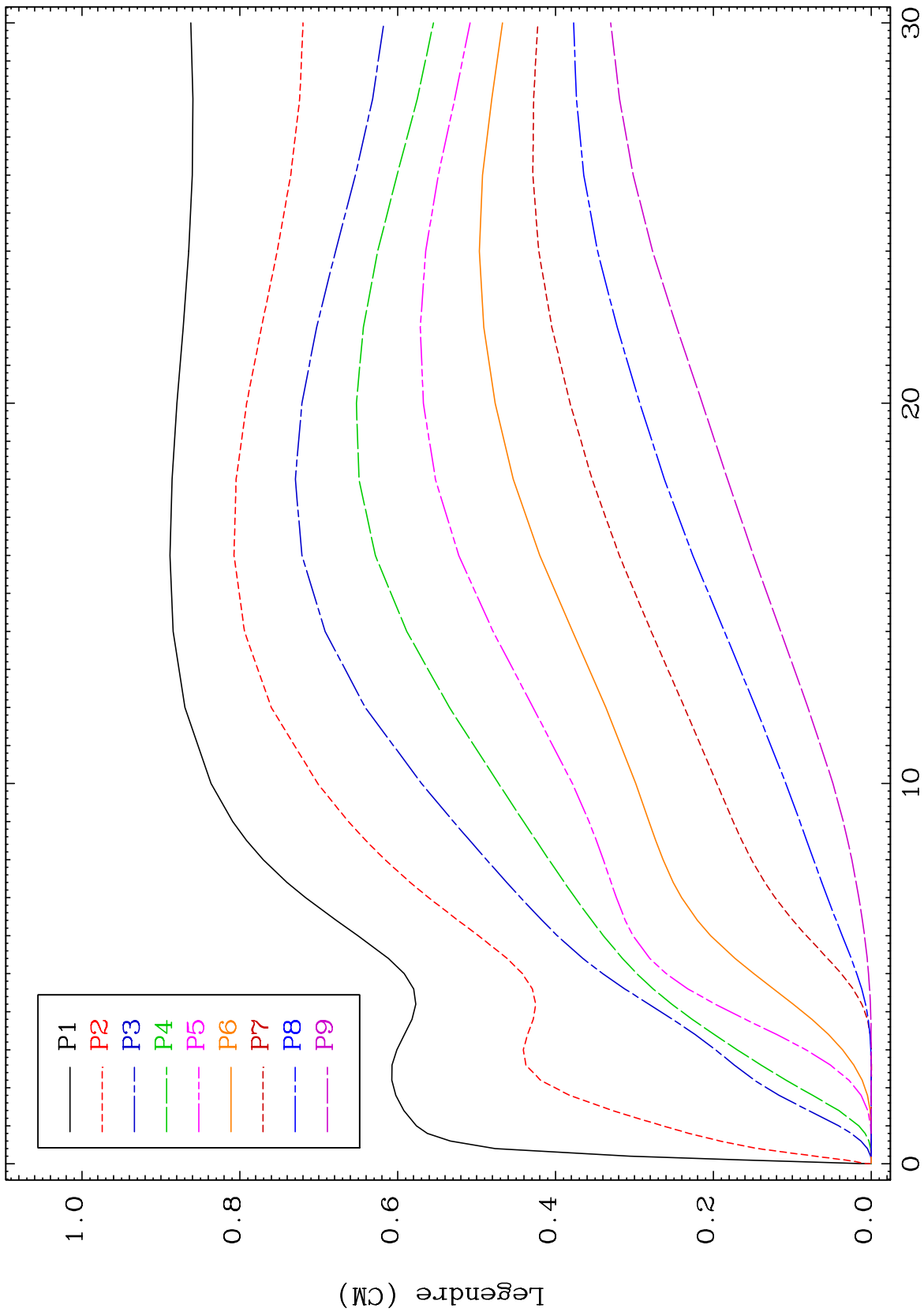




MAT 4452

Elastic Legendre Coefficients

44-Ru-105

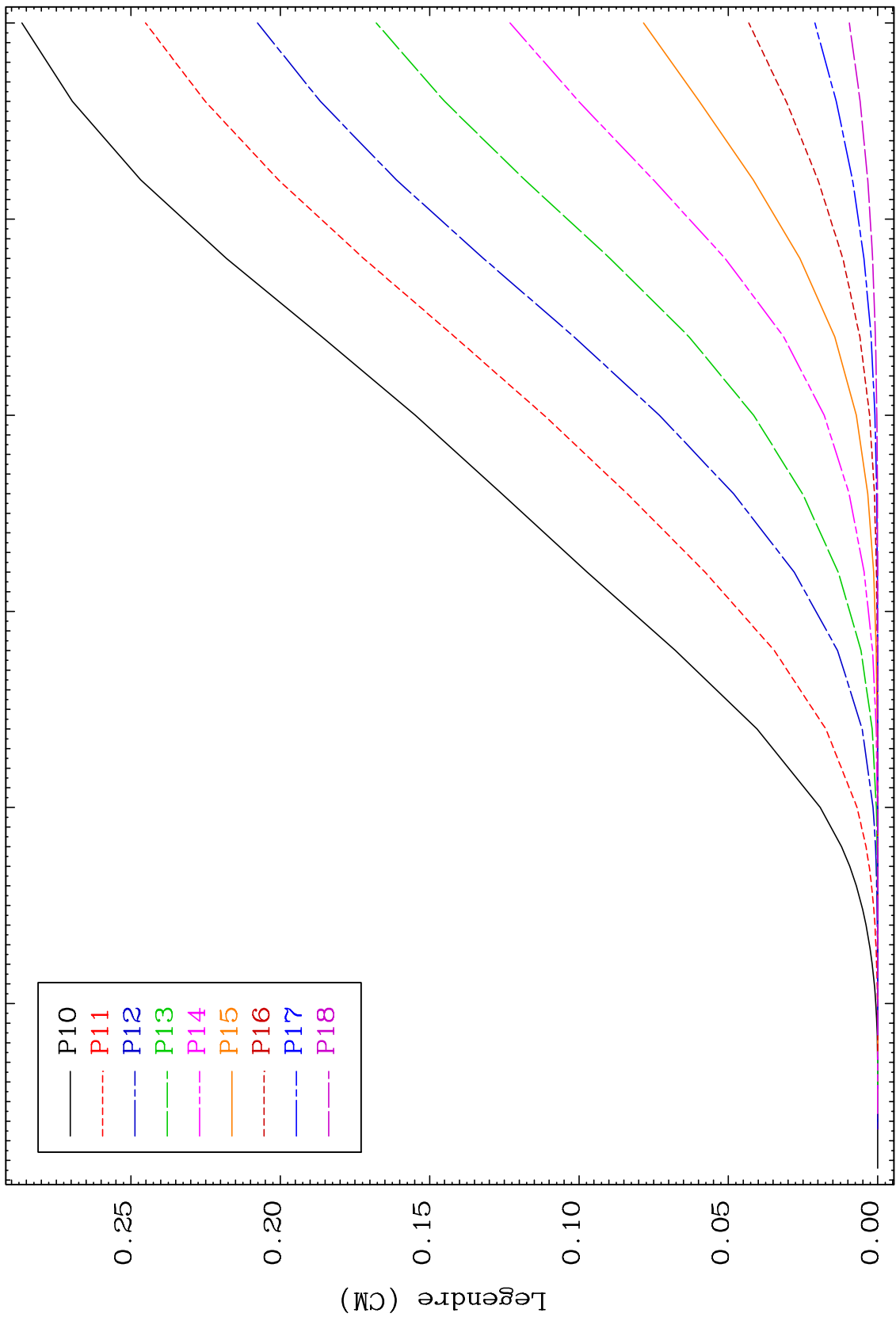


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Incident Energy (MeV)

44-Ru-105

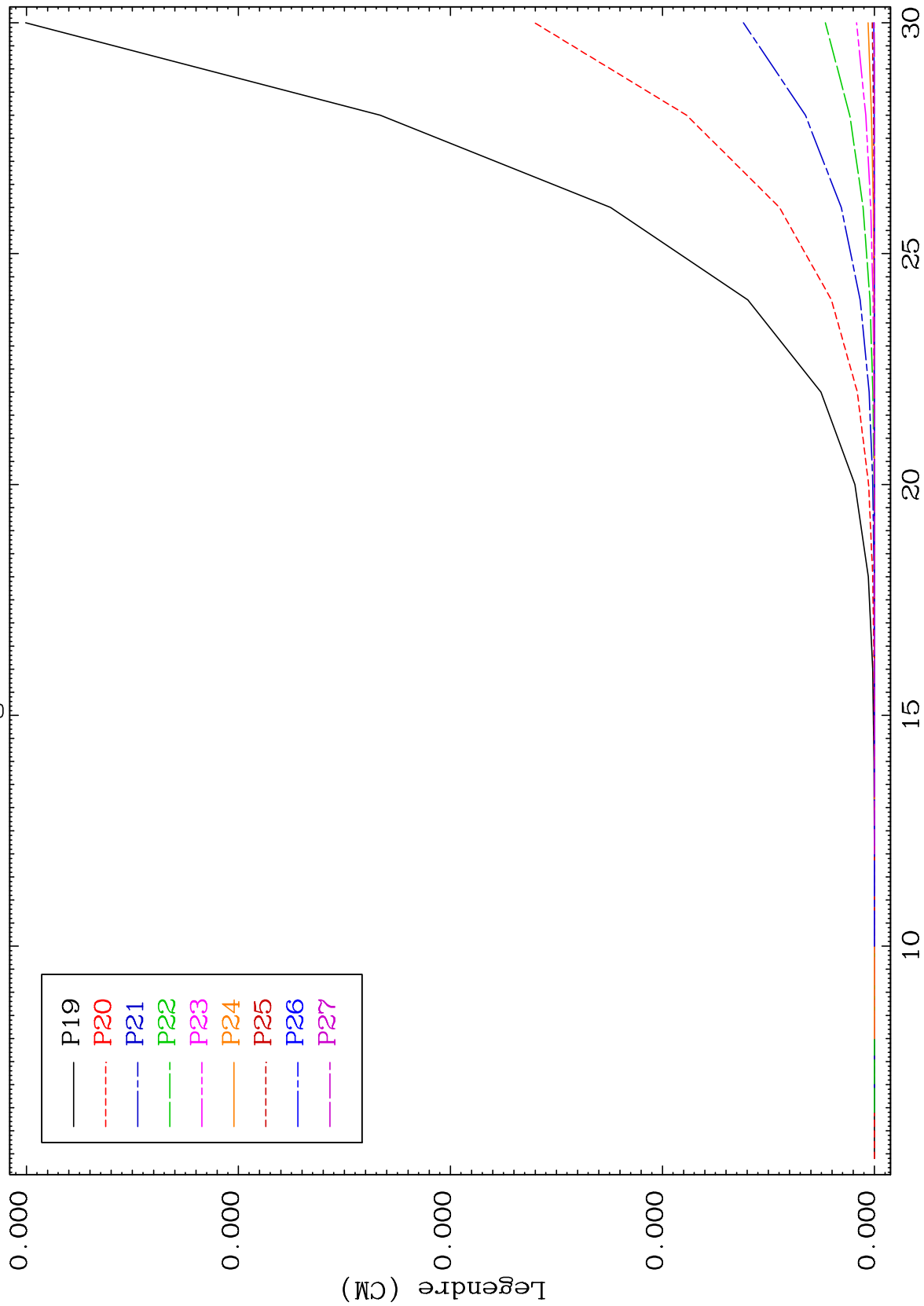
Elastic Legendre Coefficients



MAT 4452

Elastic
Legendre Coefficients

44-Ru-105



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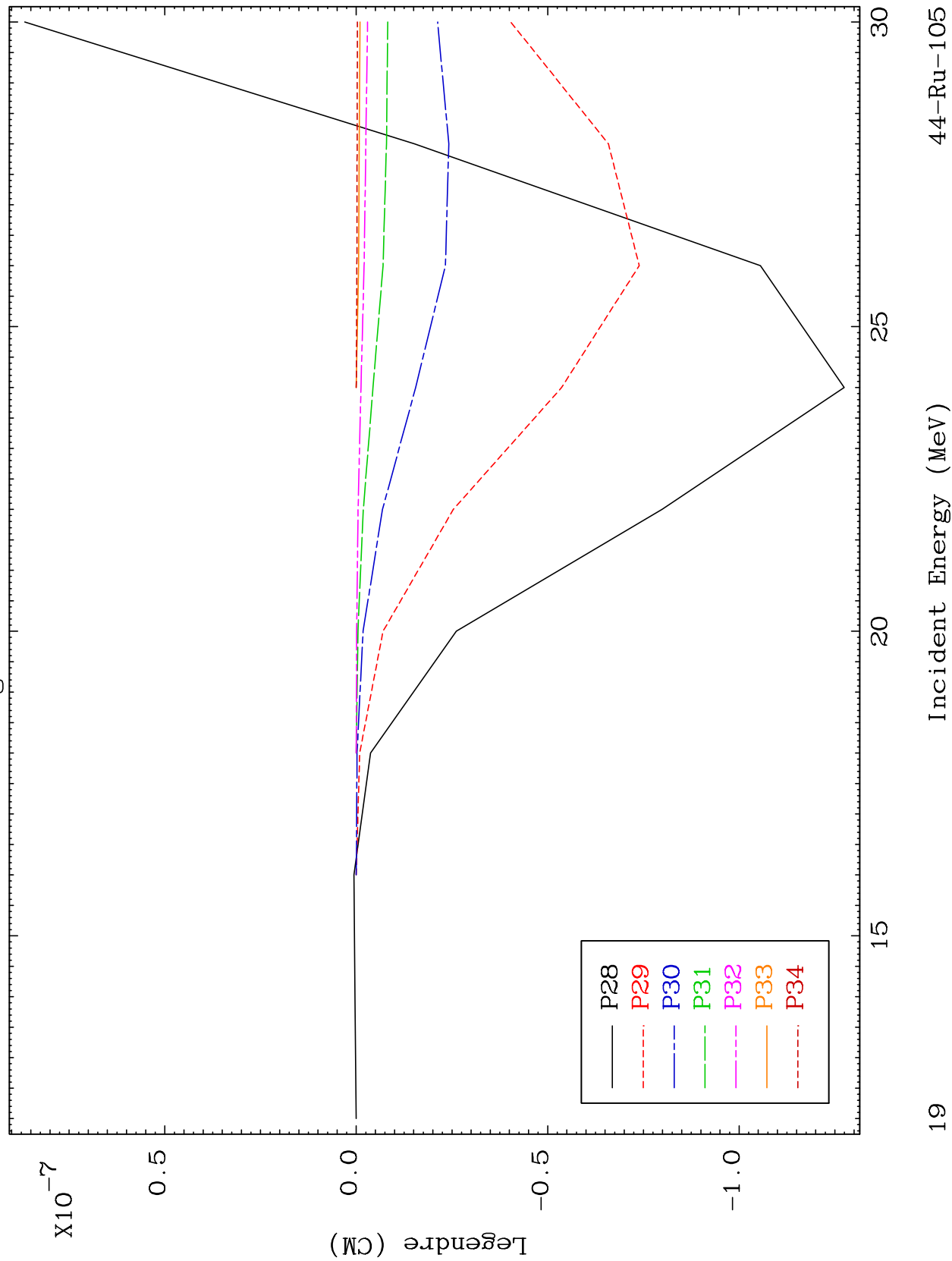
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic Legendre Coefficients

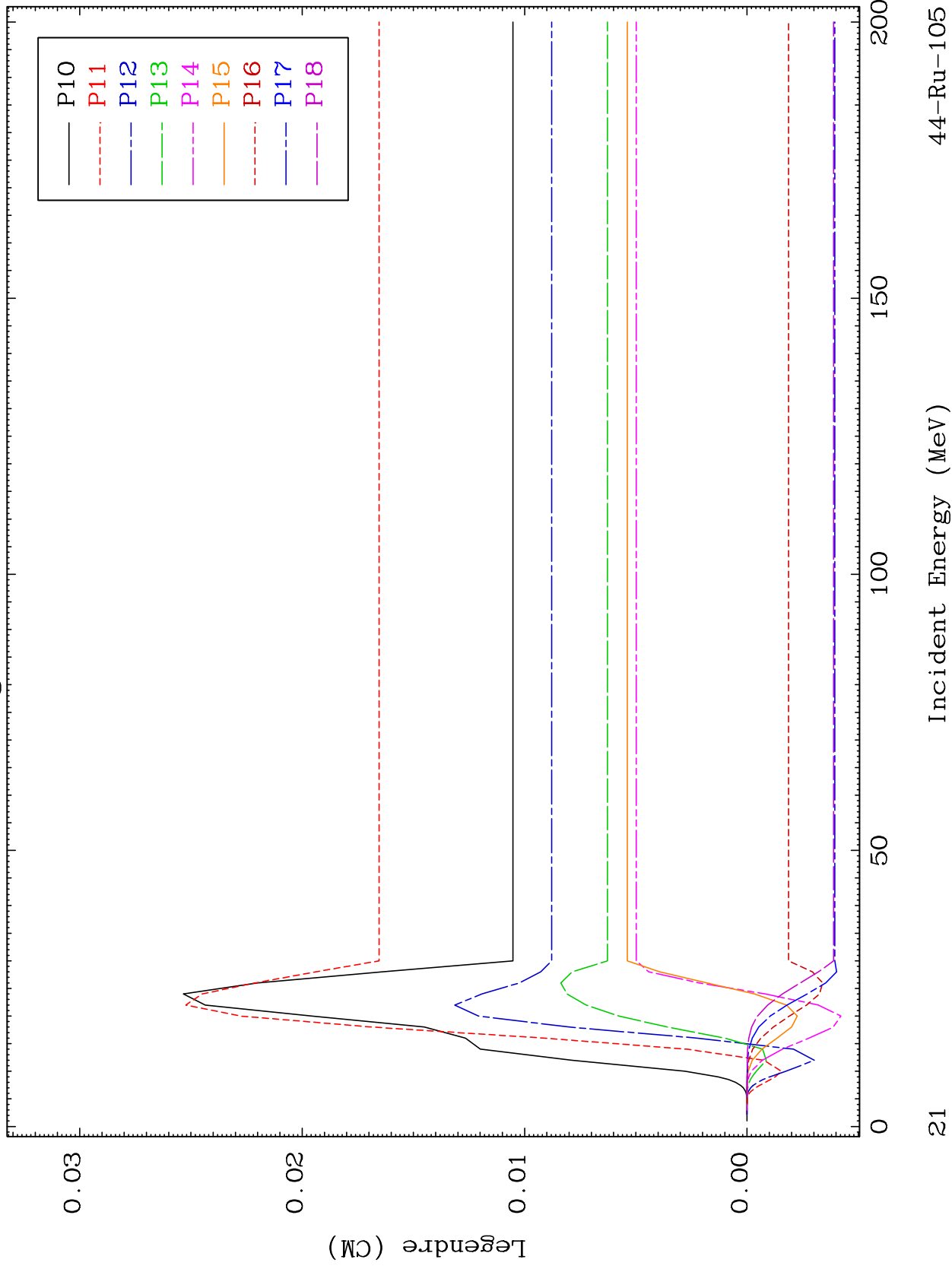
44-Ru-105



MAT 4452

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

44-Ru-105



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Incident Energy (MeV)

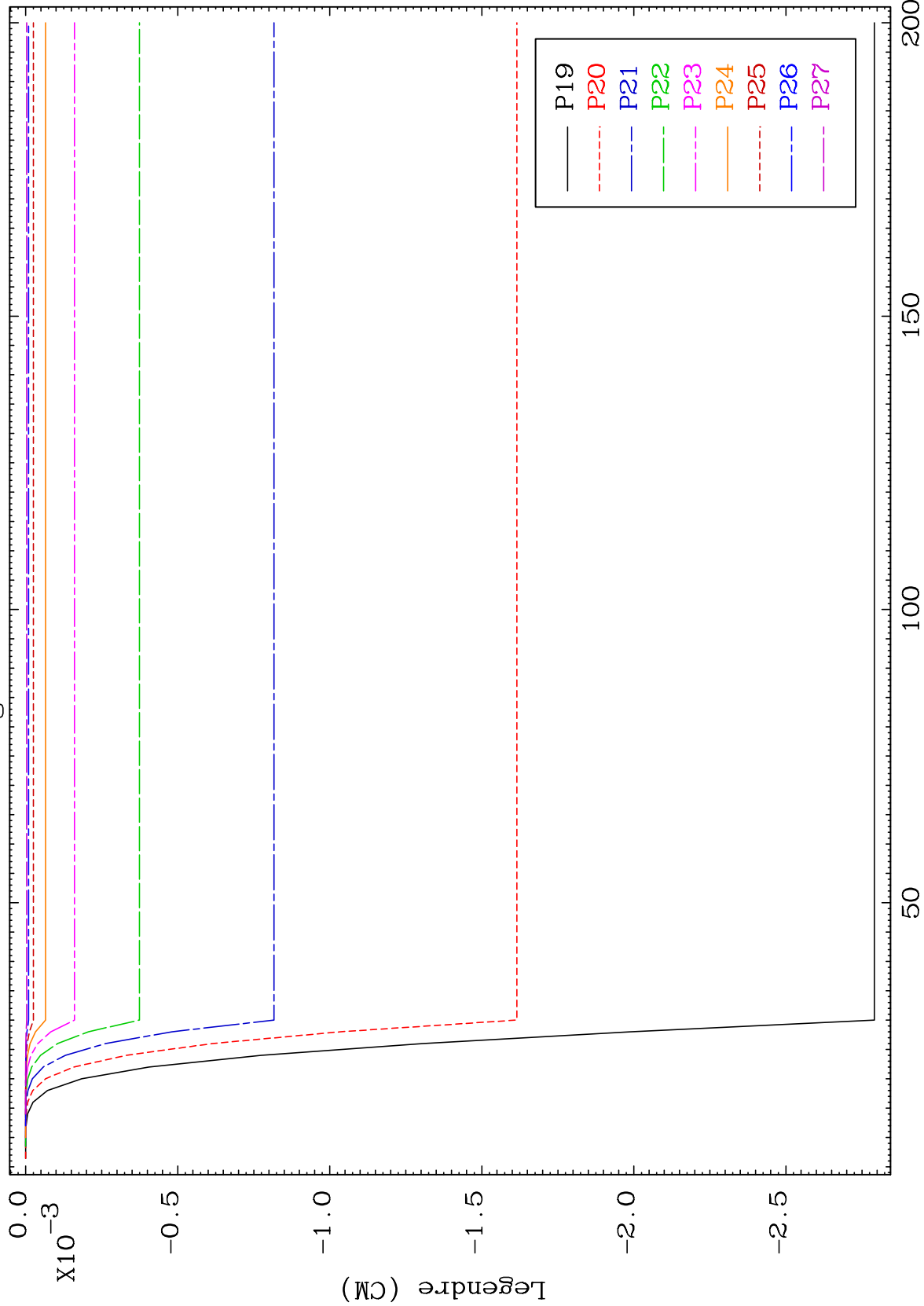
44-Ru-105

MAT 4452

MT= 51 (n,n') Level

44-Ru-105

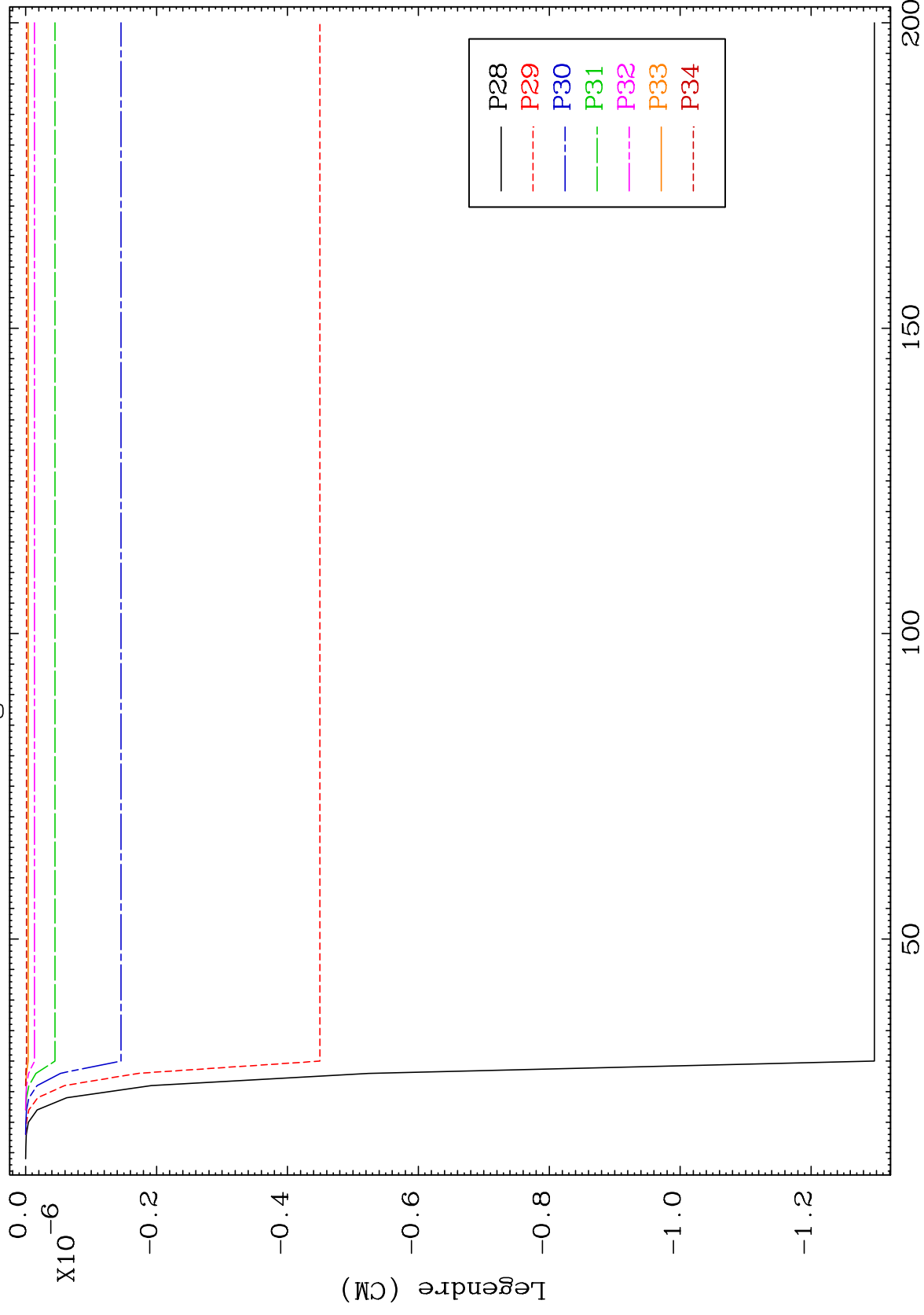
Legendre Coefficients



MAT 4452

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

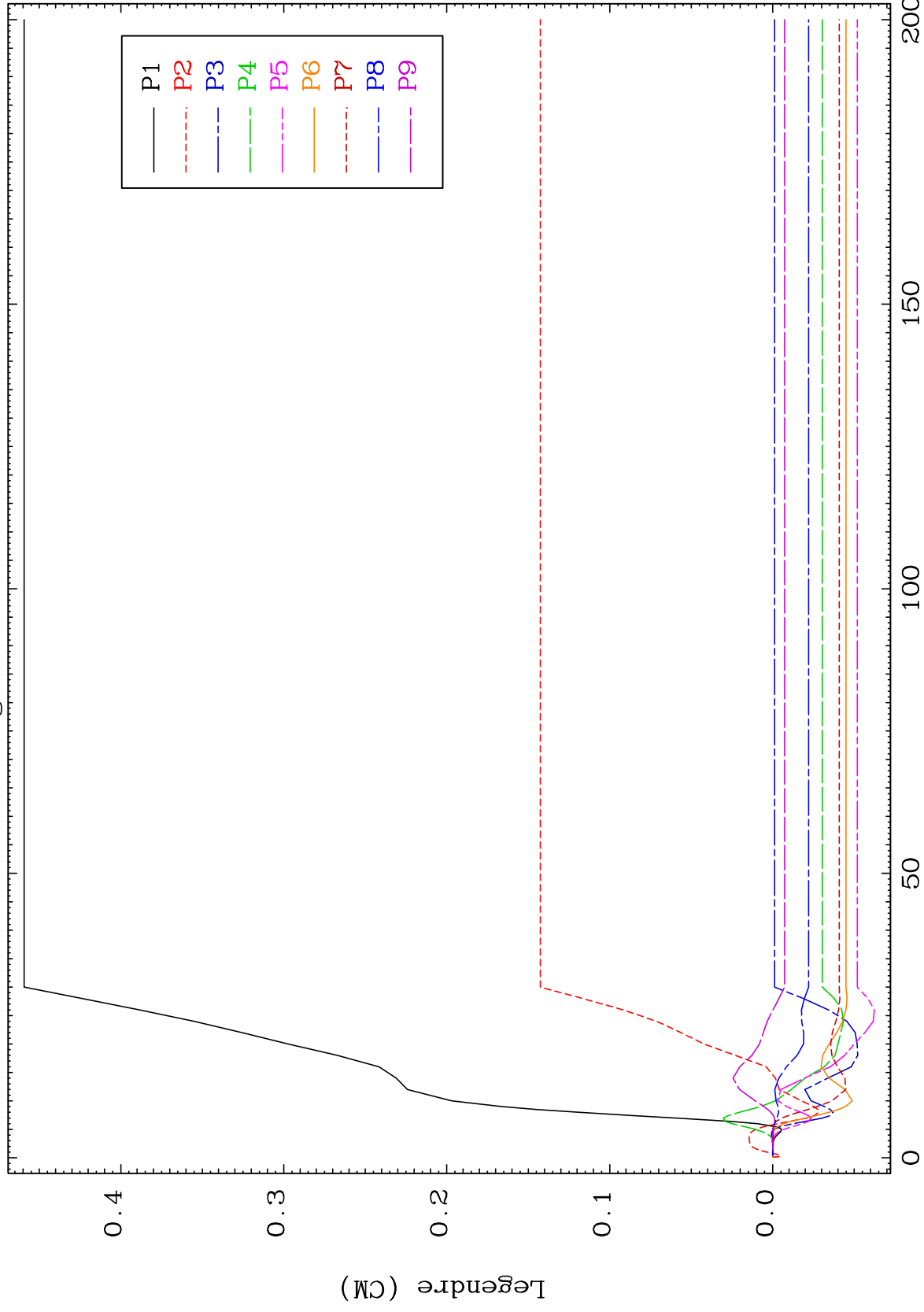
44-Ru-105



MAT 4452

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

44-Ru-105



24

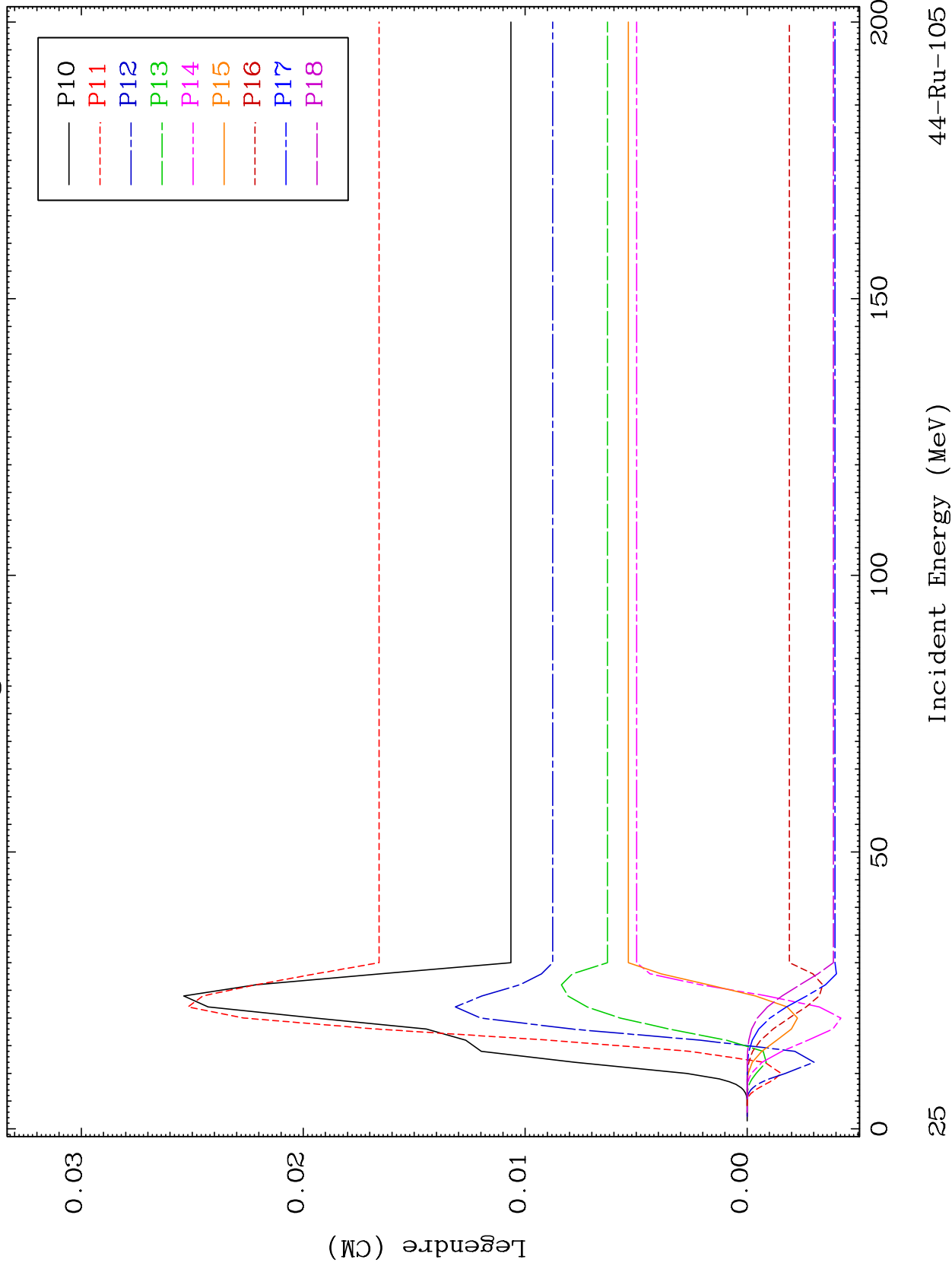
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

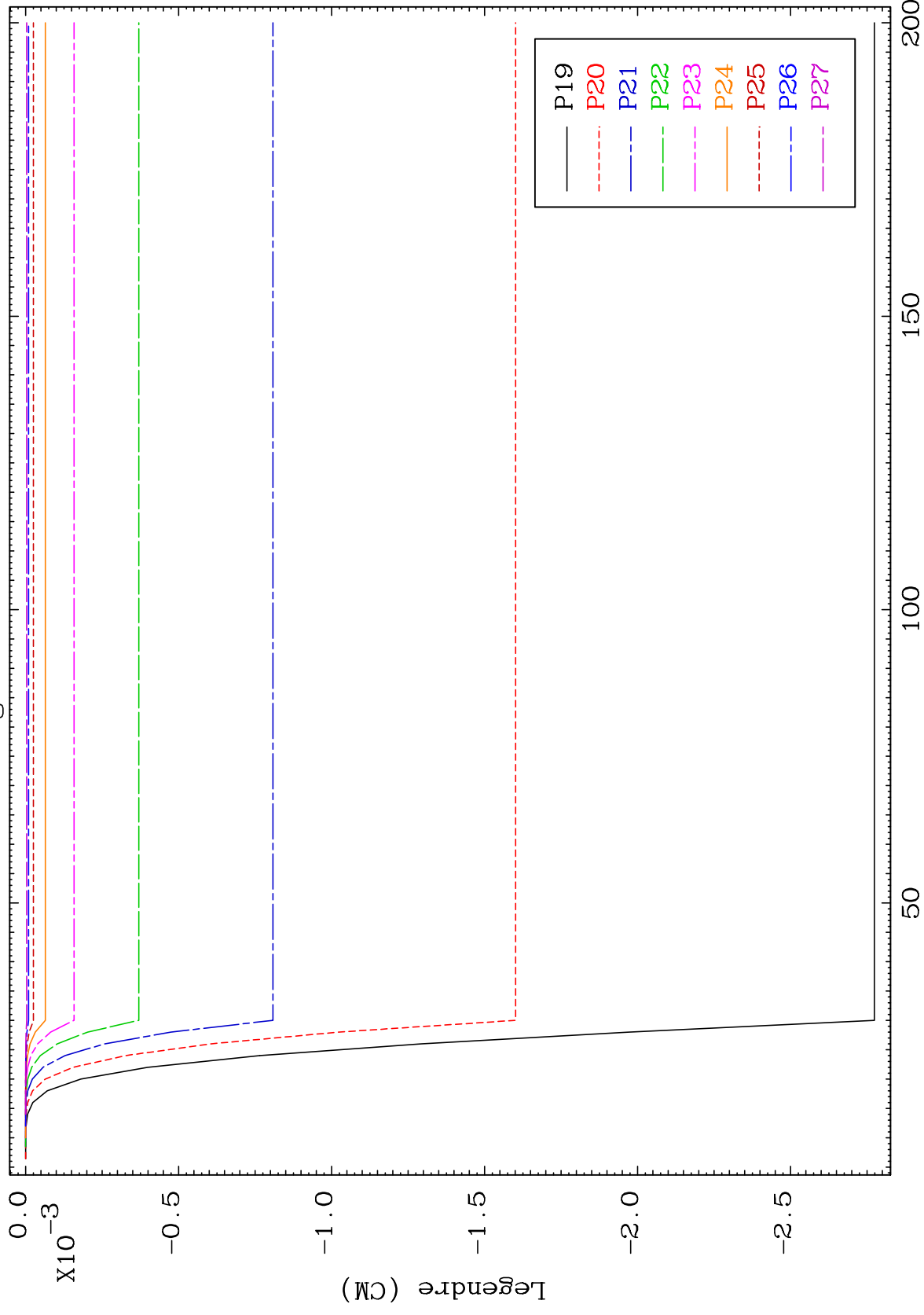
Incident Energy (MeV)

25

MAT 4452

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

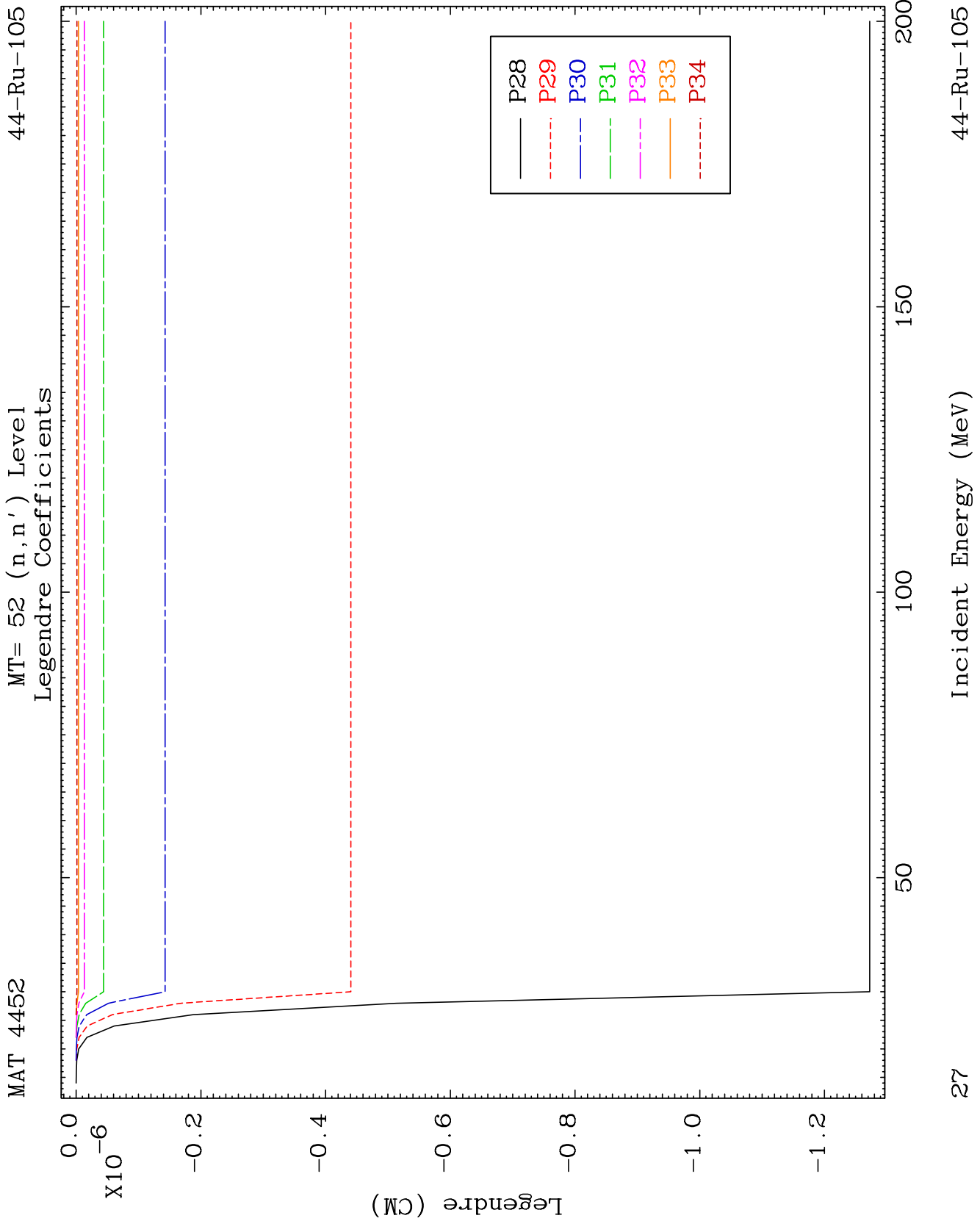
44-Ru-105



26

Incident Energy (MeV)

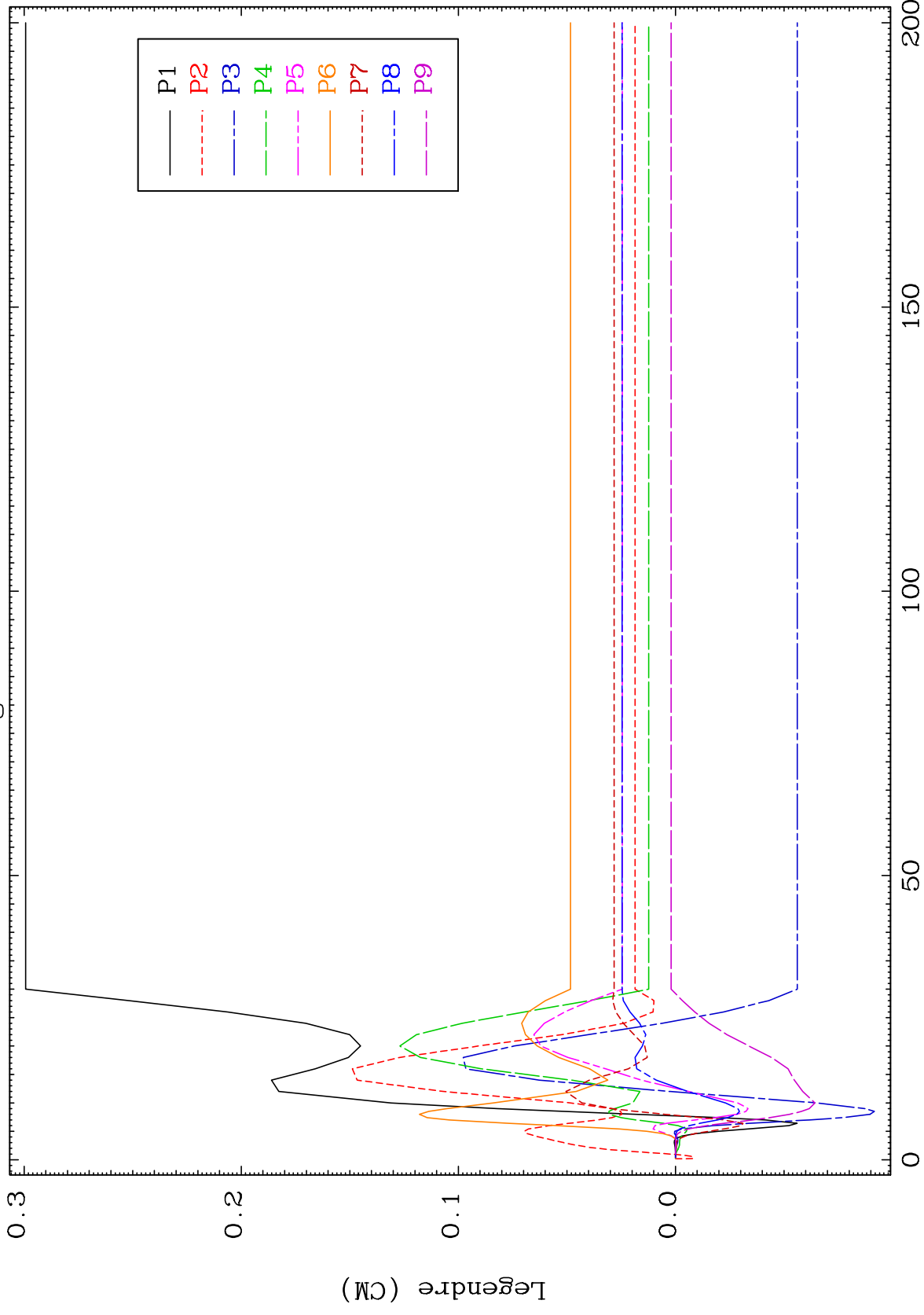
44-Ru-105



MAT 4452

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

44-Ru-105



28

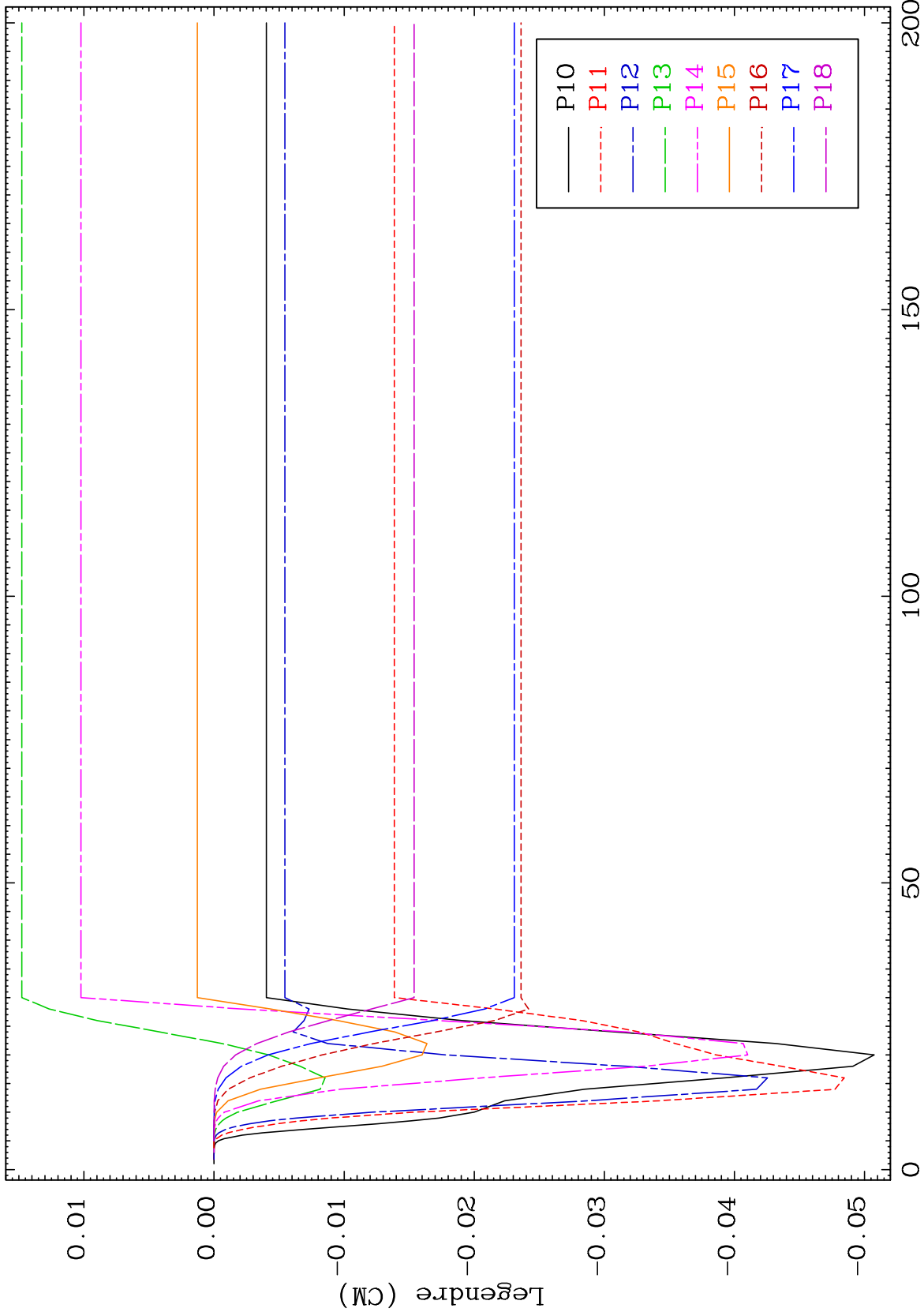
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

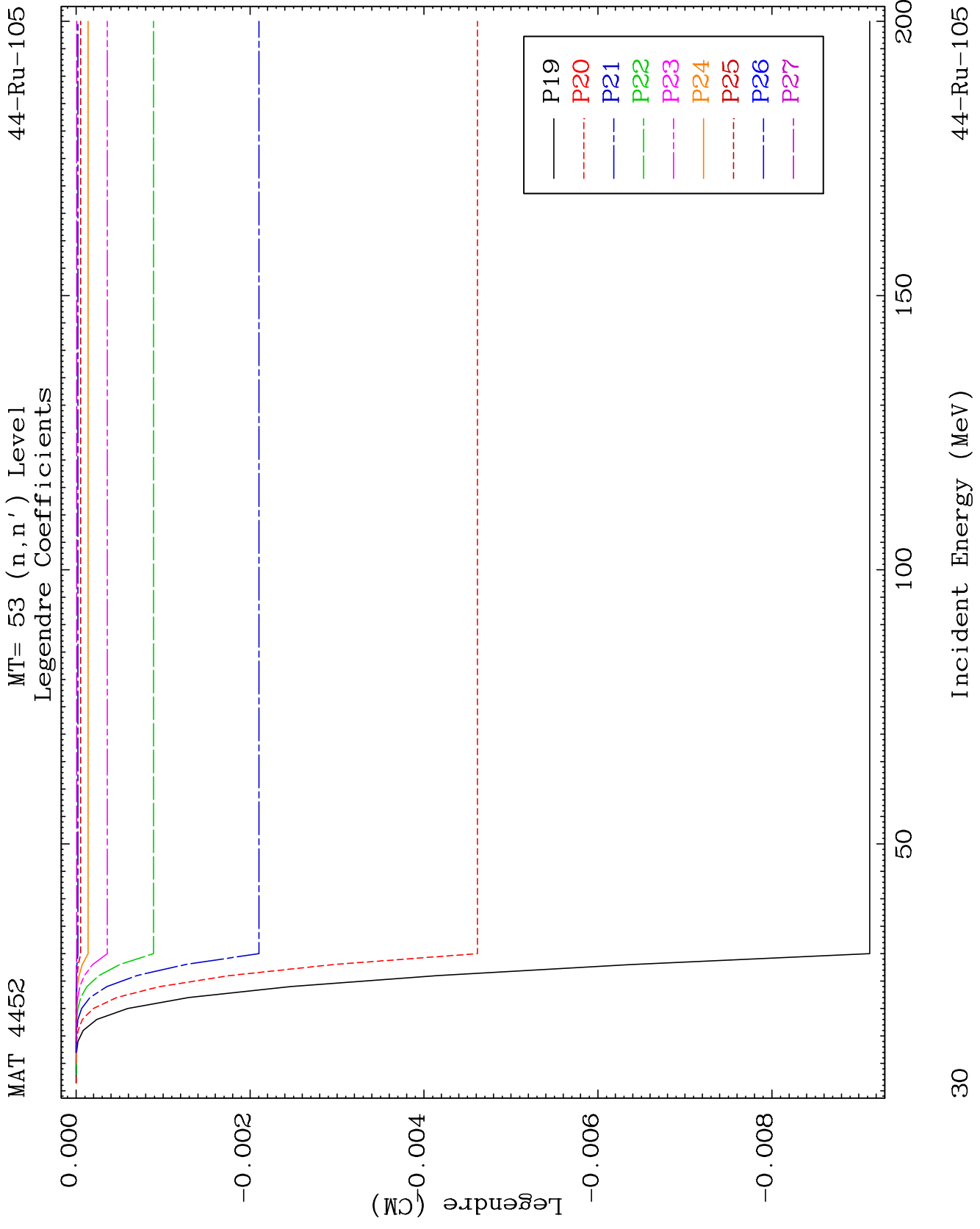
44-Ru-105



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Incident Energy (MeV)

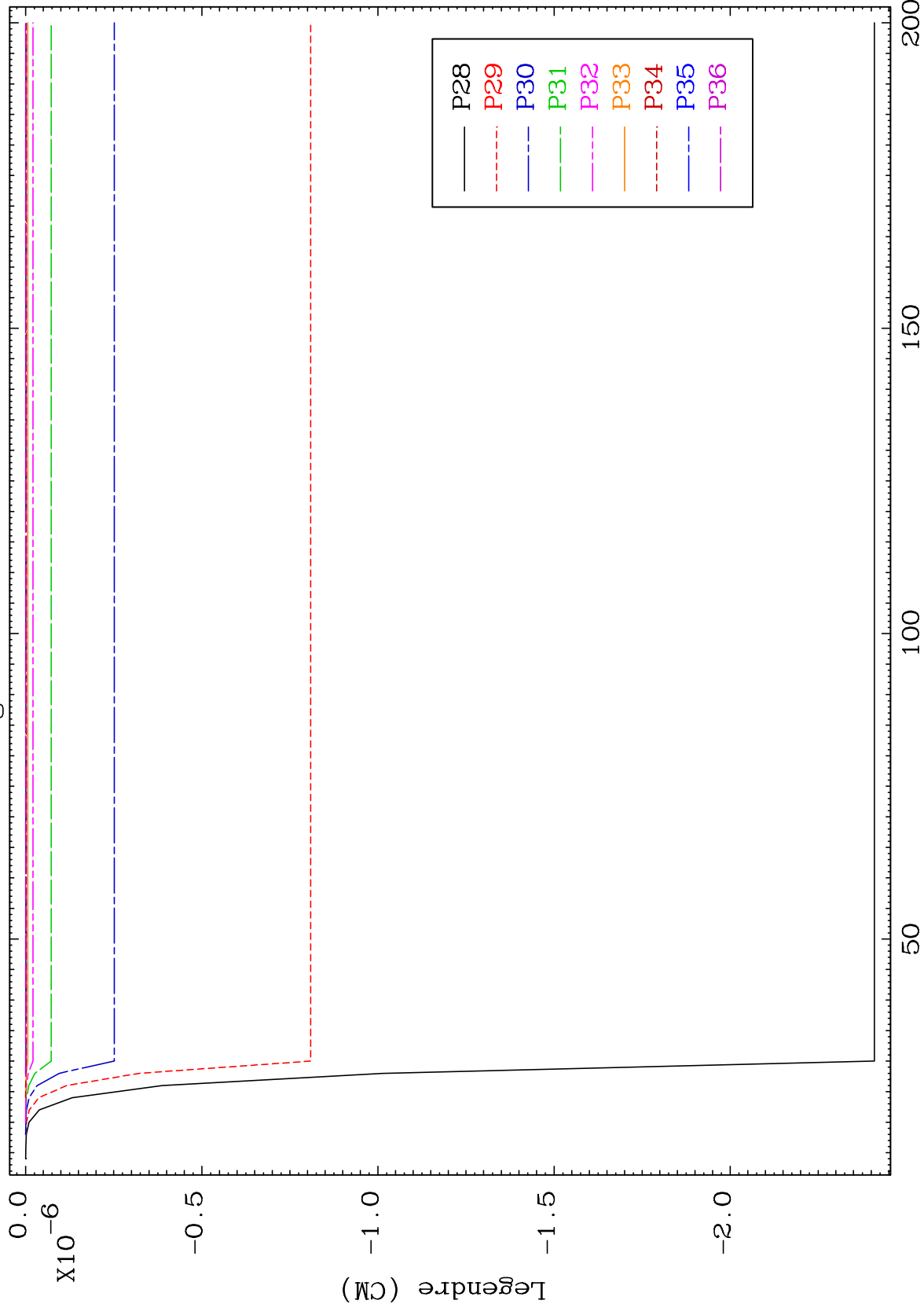
44-Ru-105



MAT 4452

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

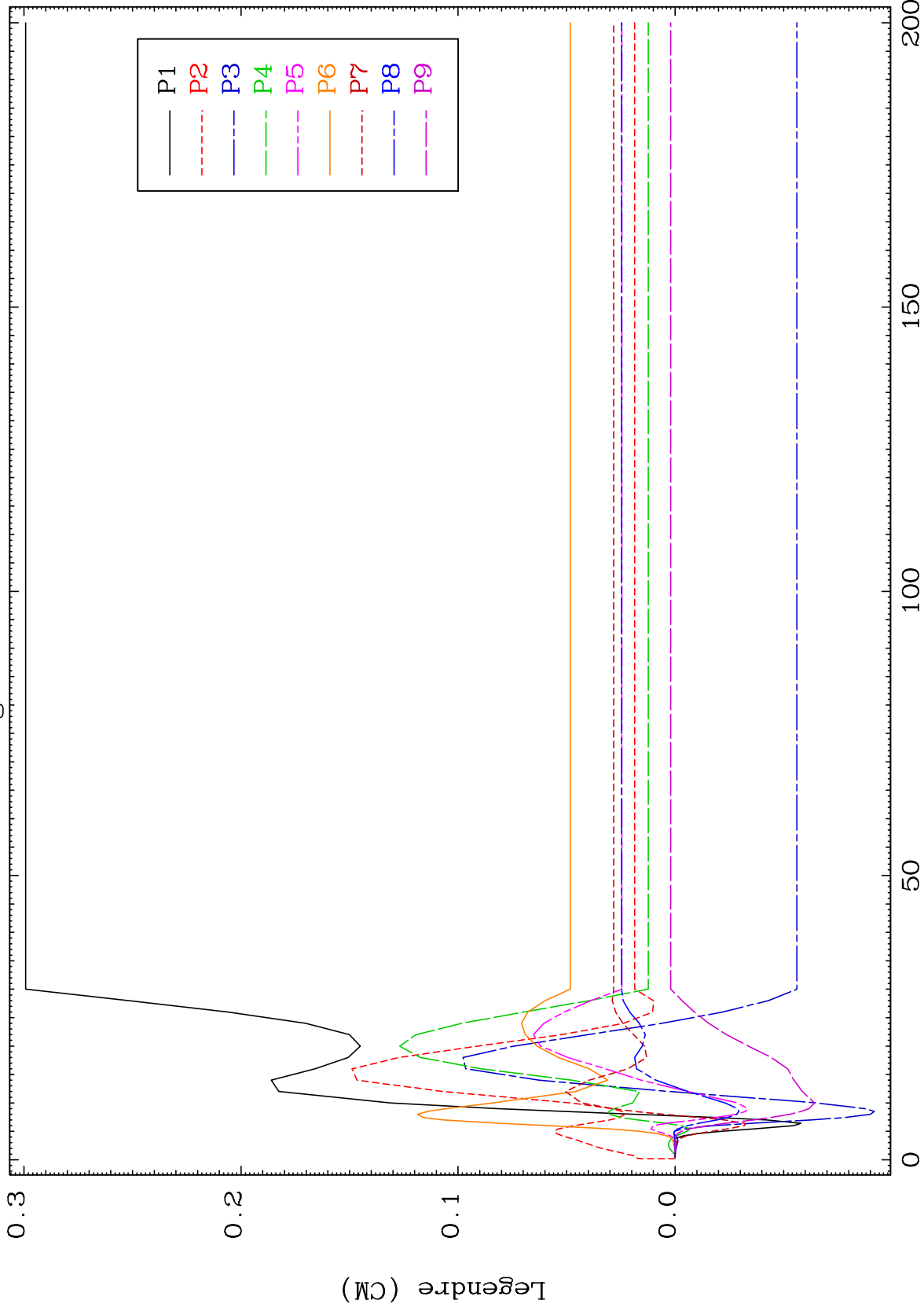
44-Ru-105



MAT 4452

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

44-Ru-105



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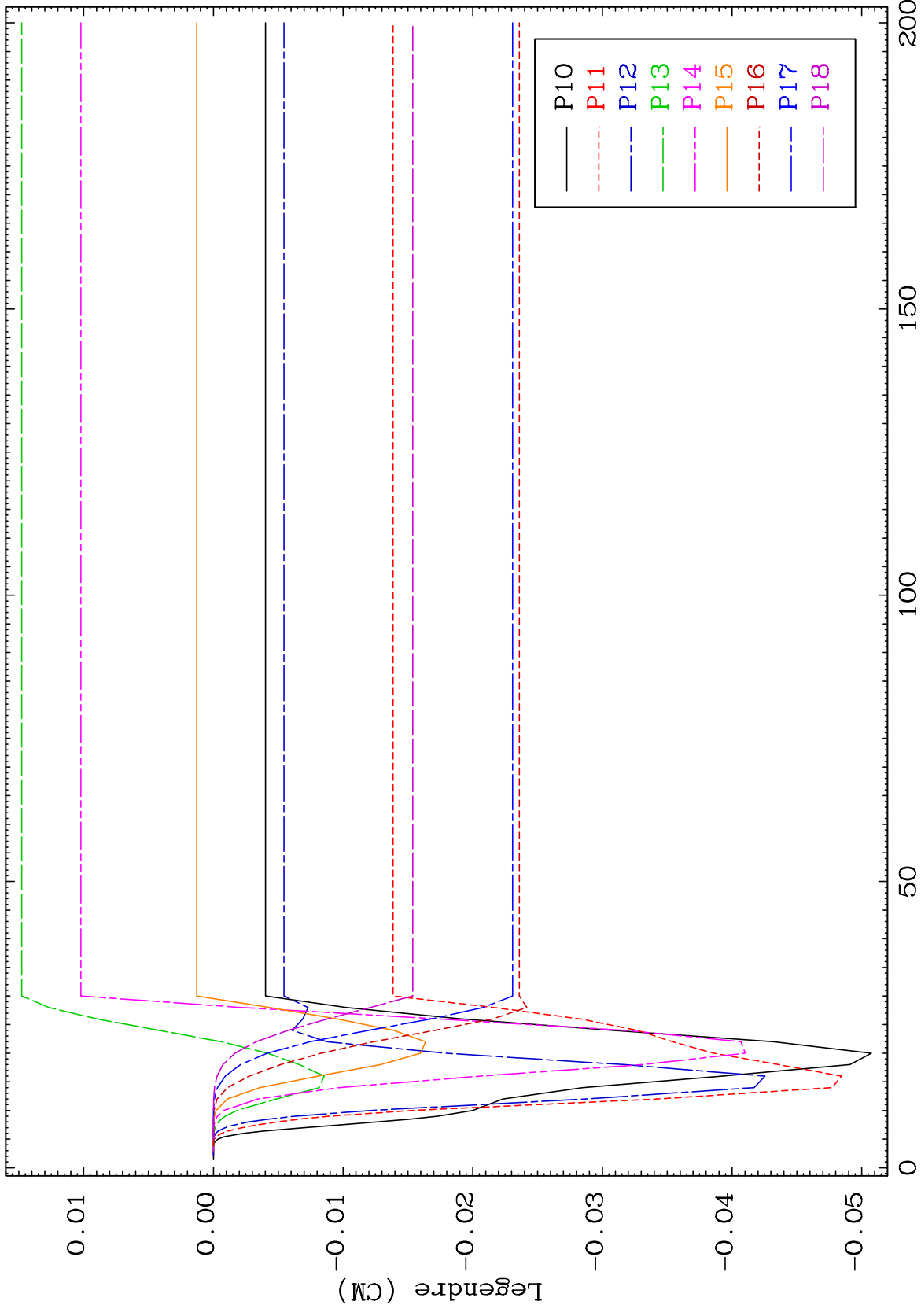
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

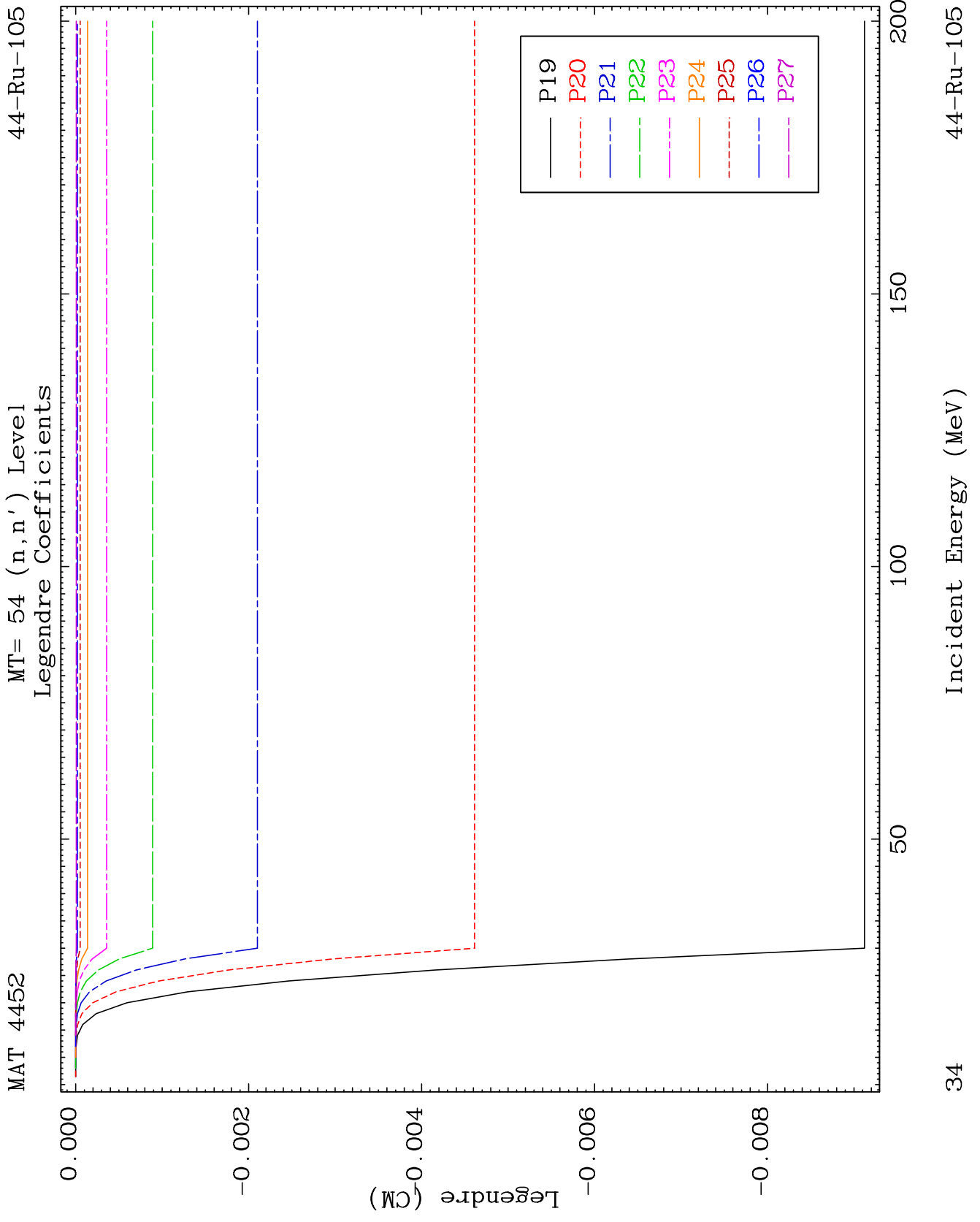
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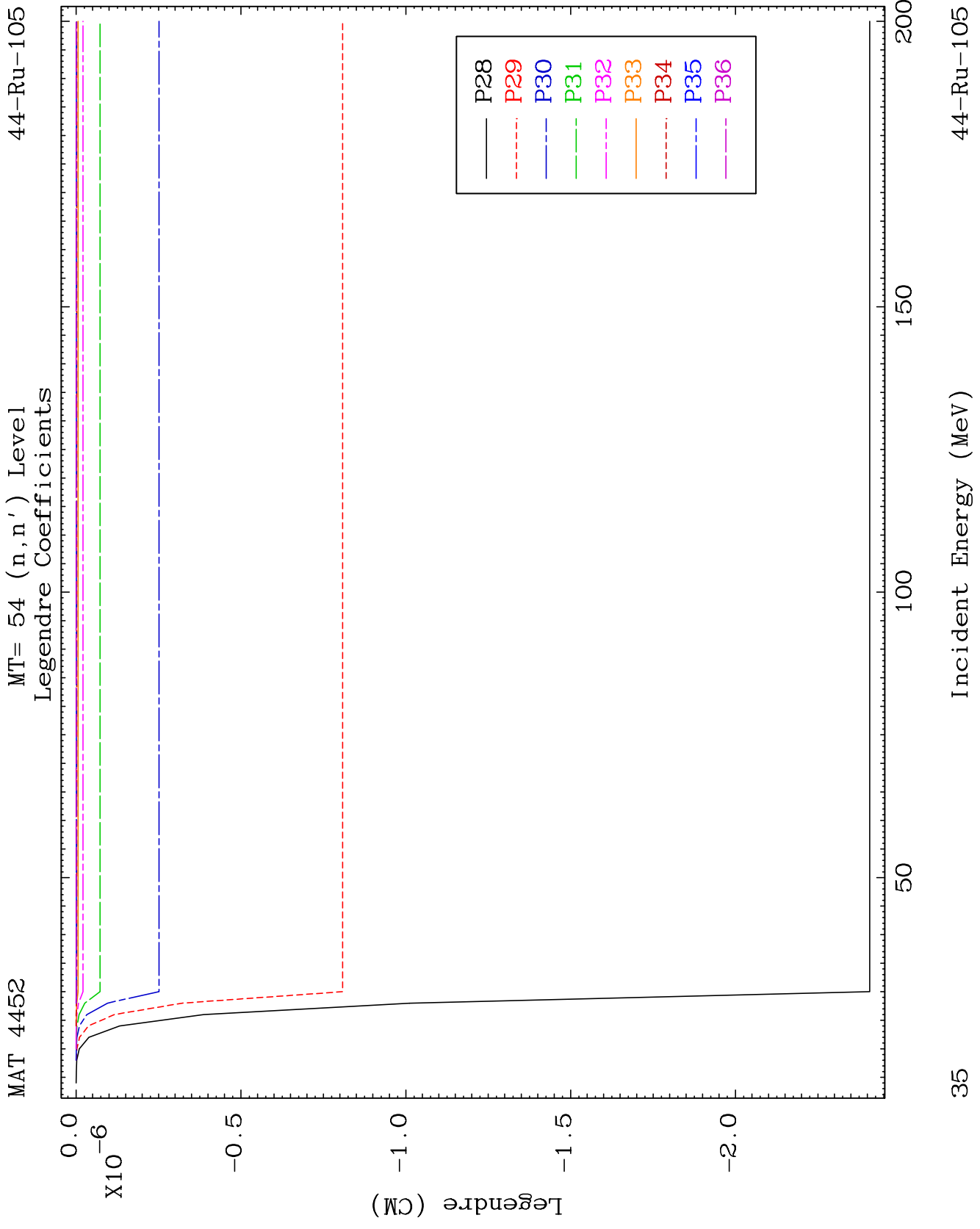


33

Incident Energy (MeV)

44-Ru-105

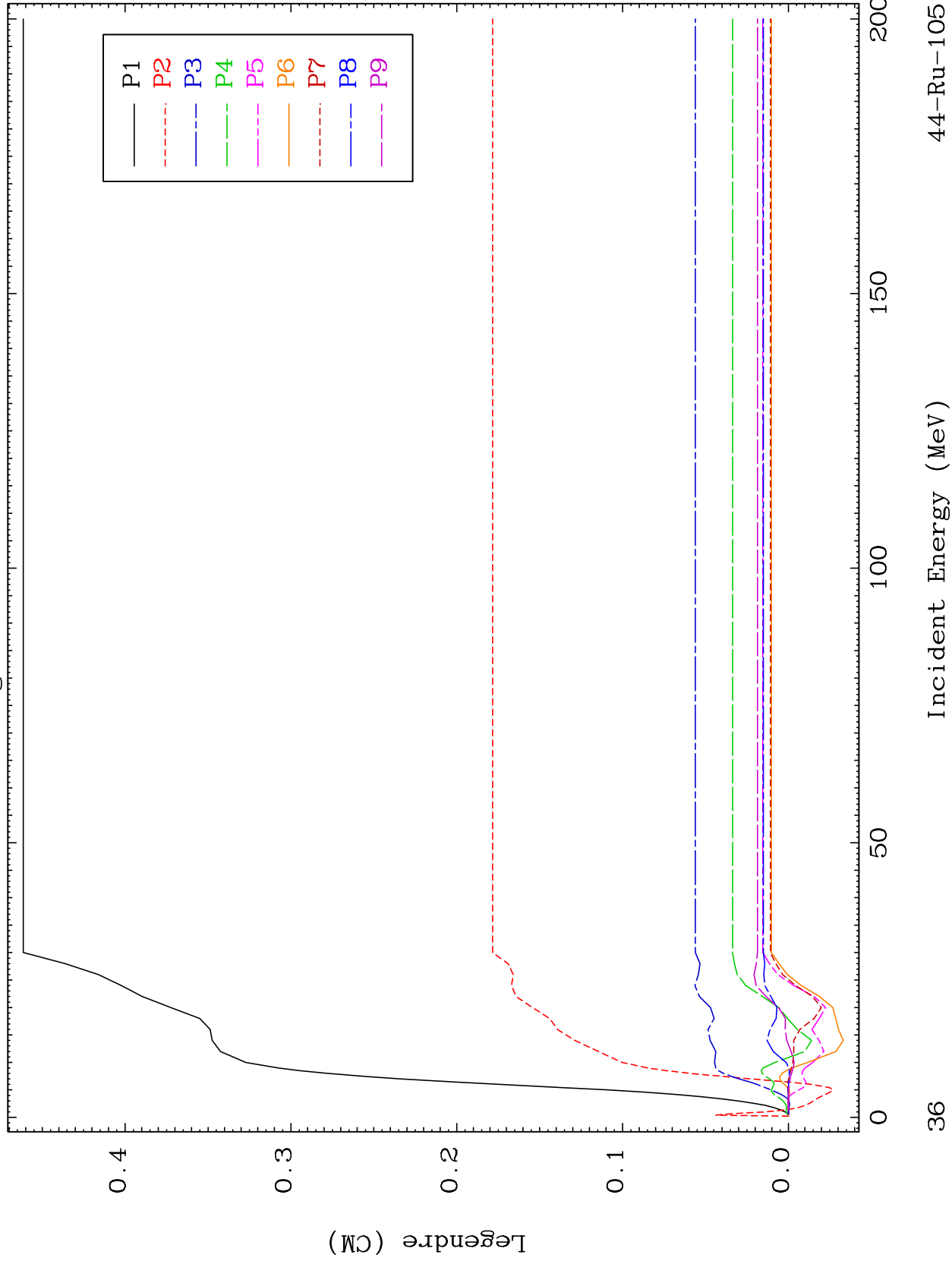




MAT 4452

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

44-Ru-105



44-Ru-105

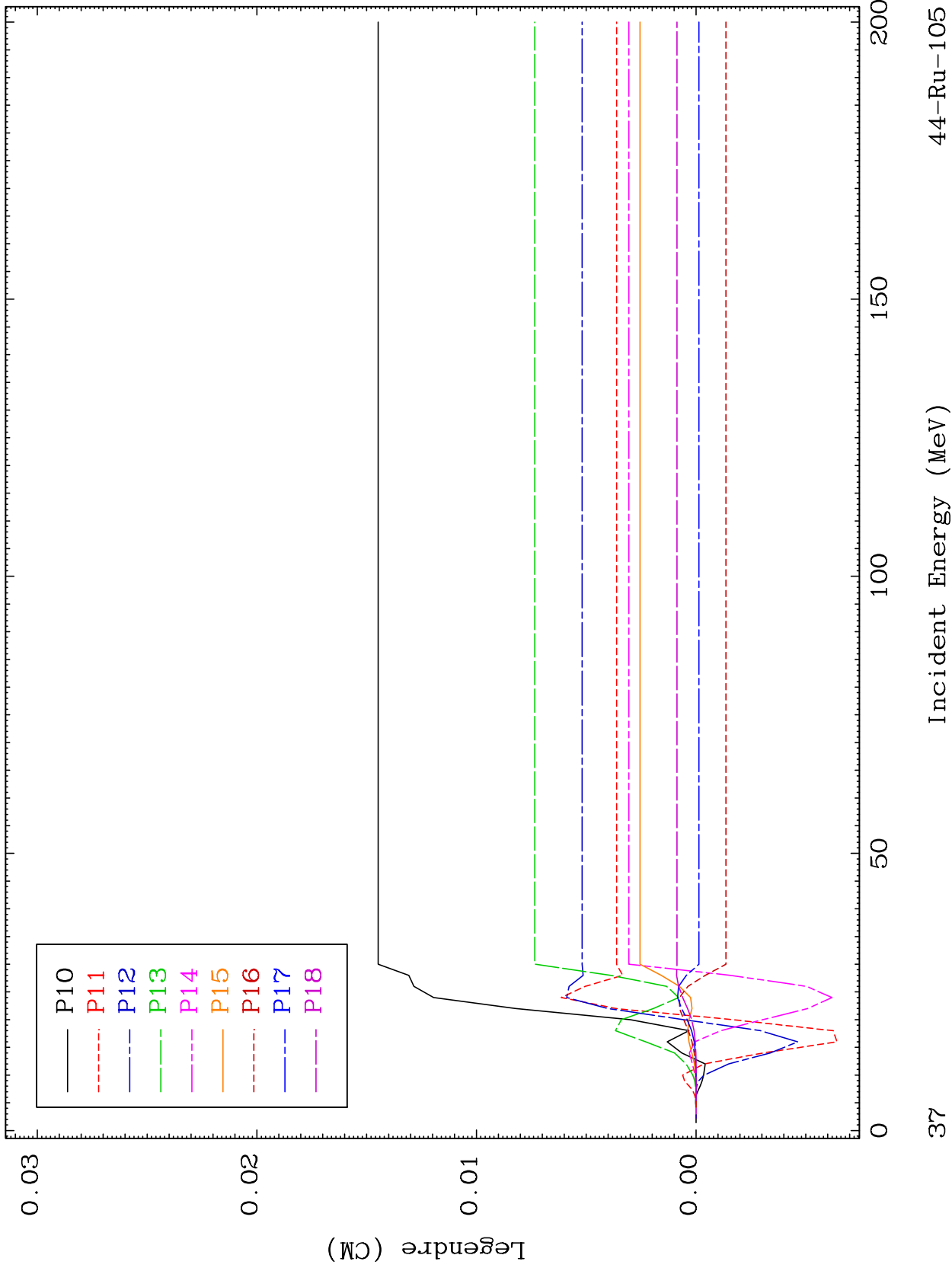
Incident Energy (MeV)

36

MAT 4452

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

44-Ru-105



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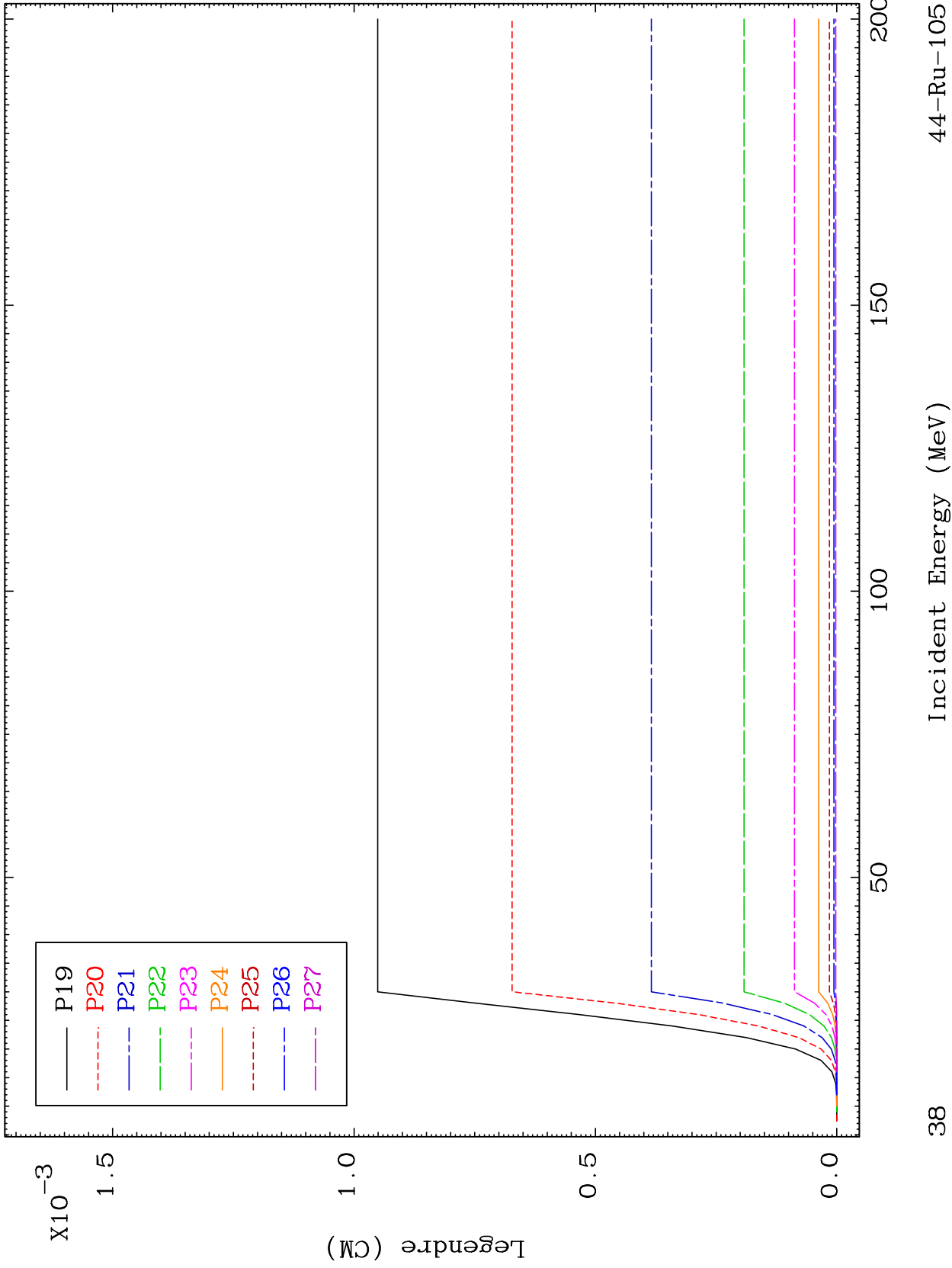
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

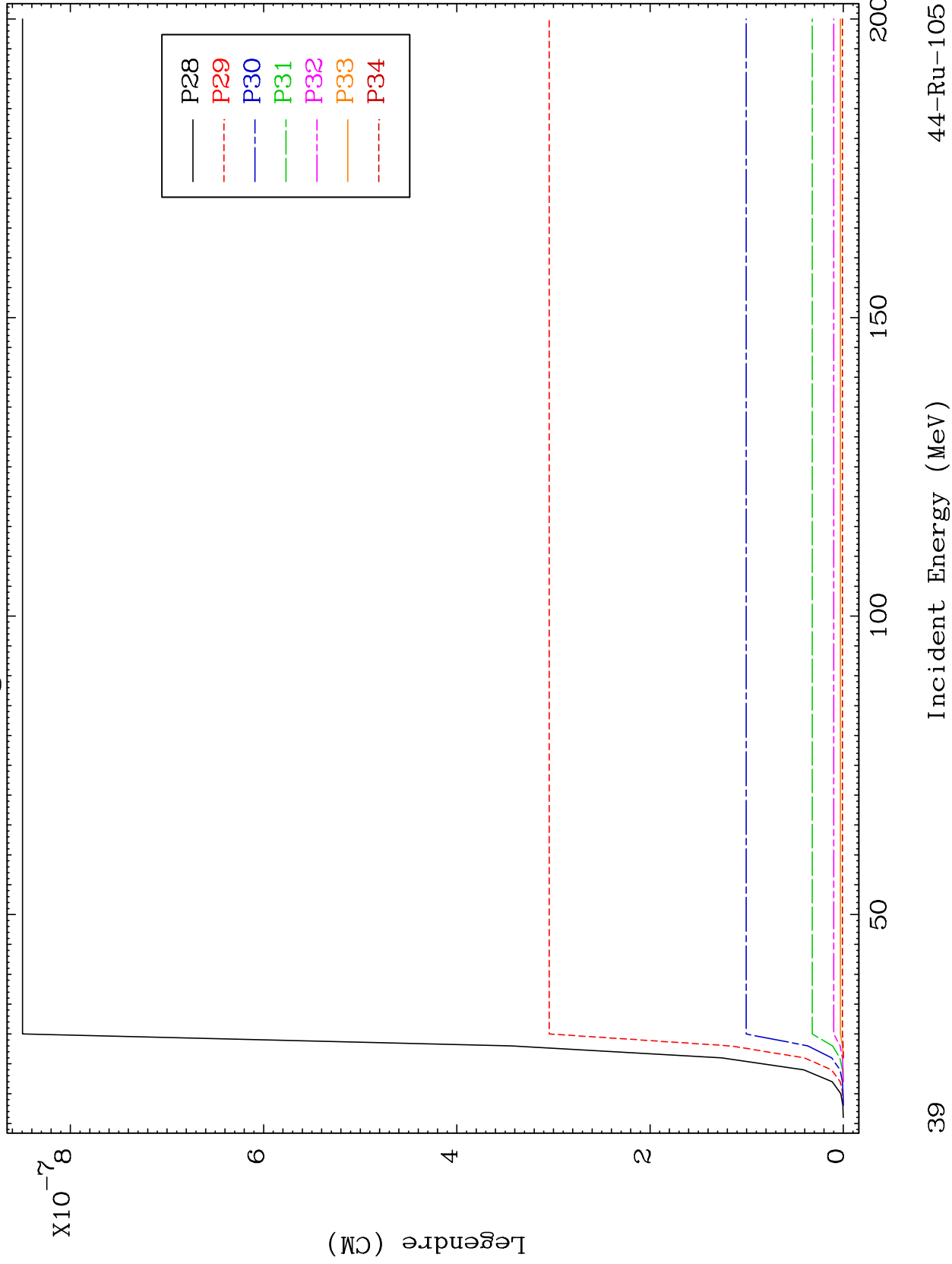


38

MAT 4452

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

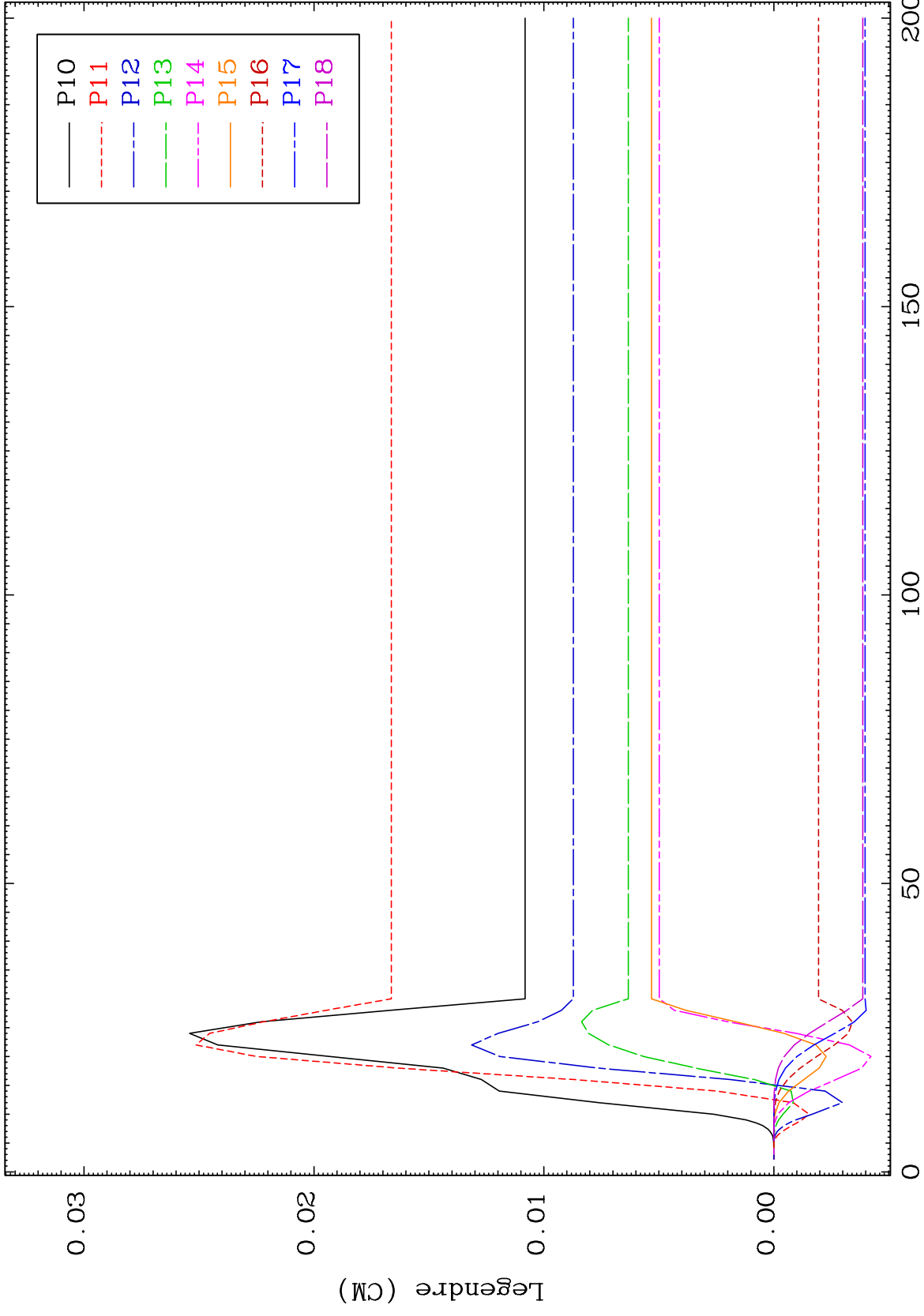
44-Ru-105



MAT 4452

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

44-Ru-105



41

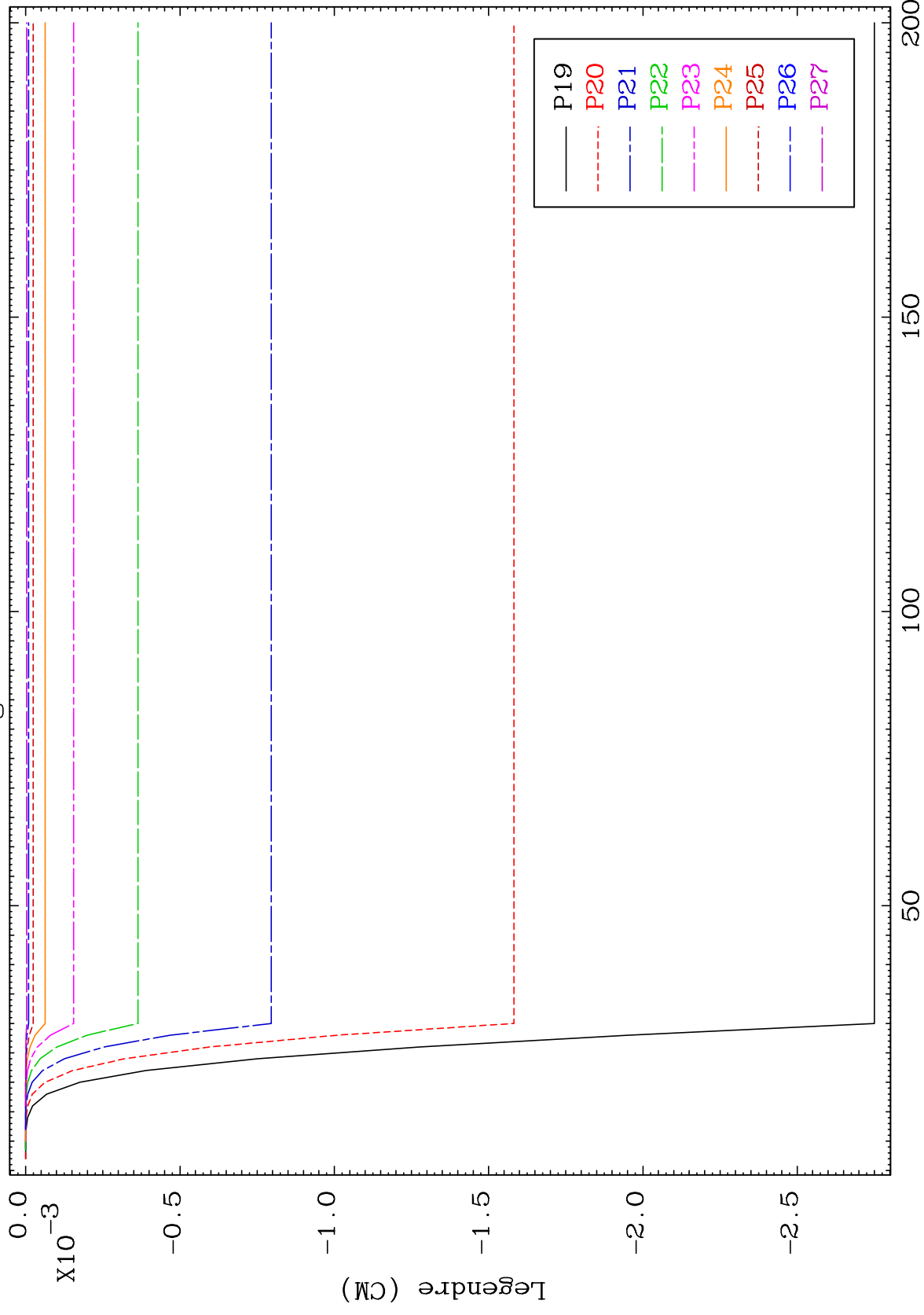
Incident Energy (MeV)

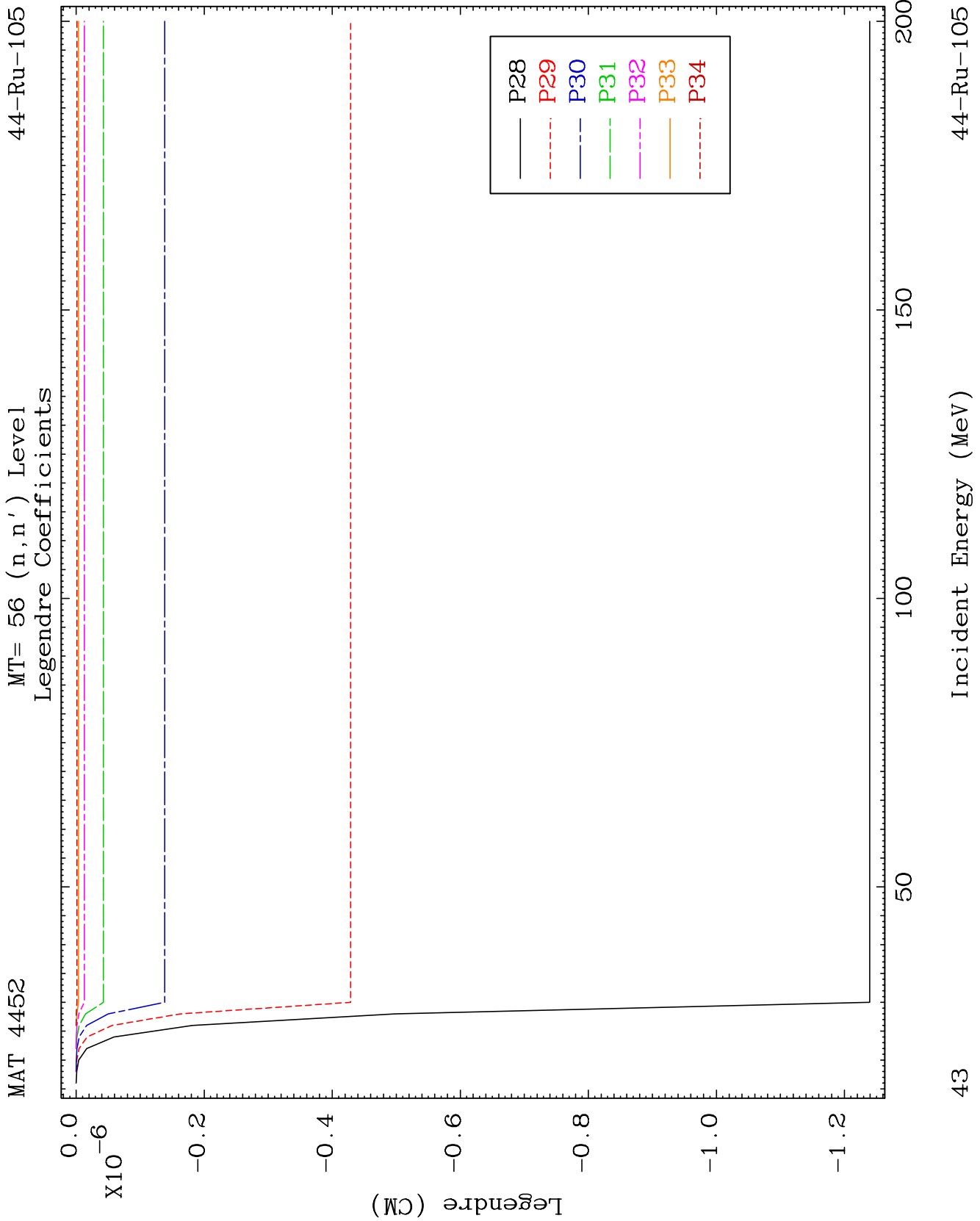
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MAT 4452

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

44-Ru-105

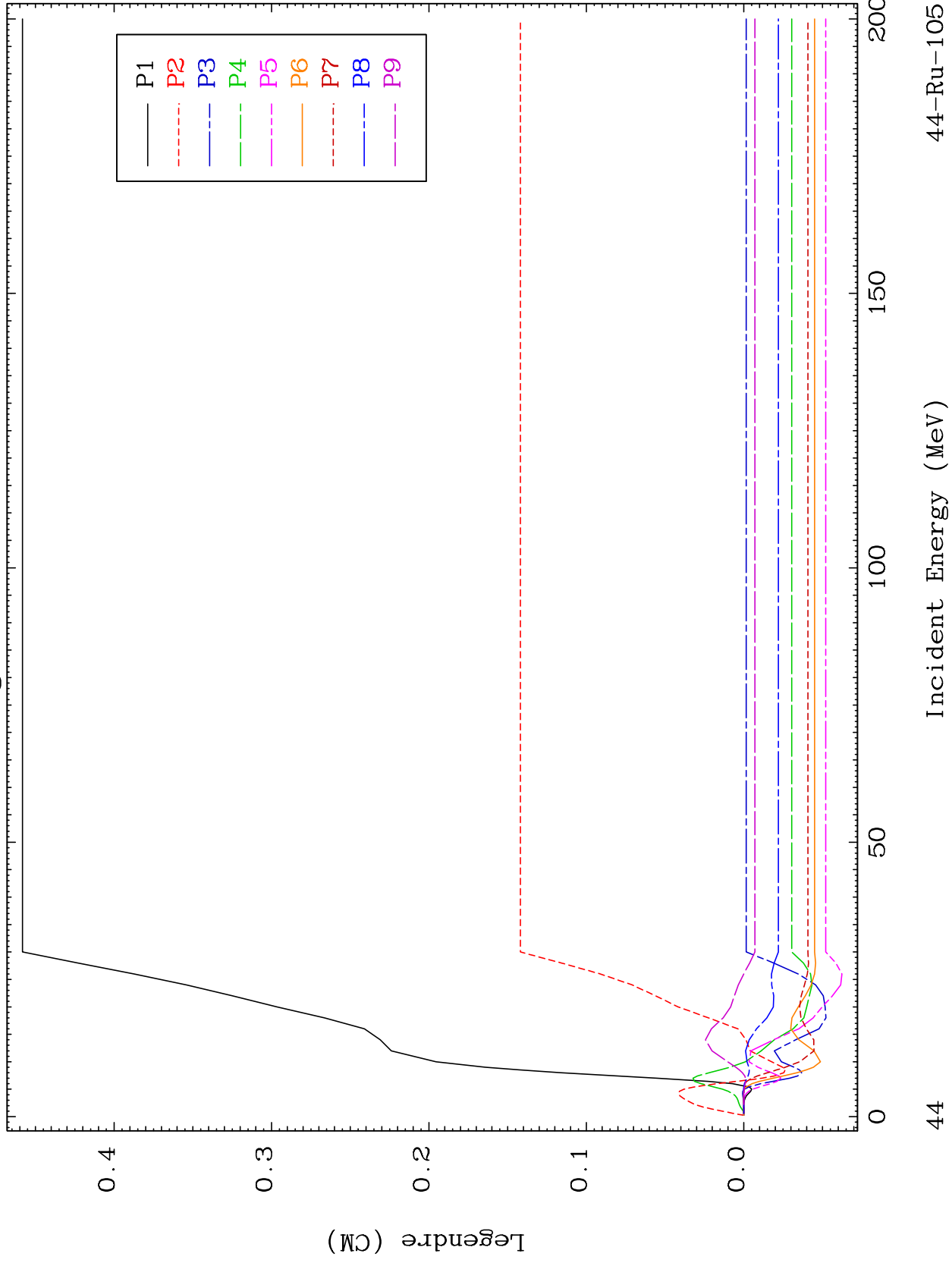




MAT 4452

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

44-Ru-105



44

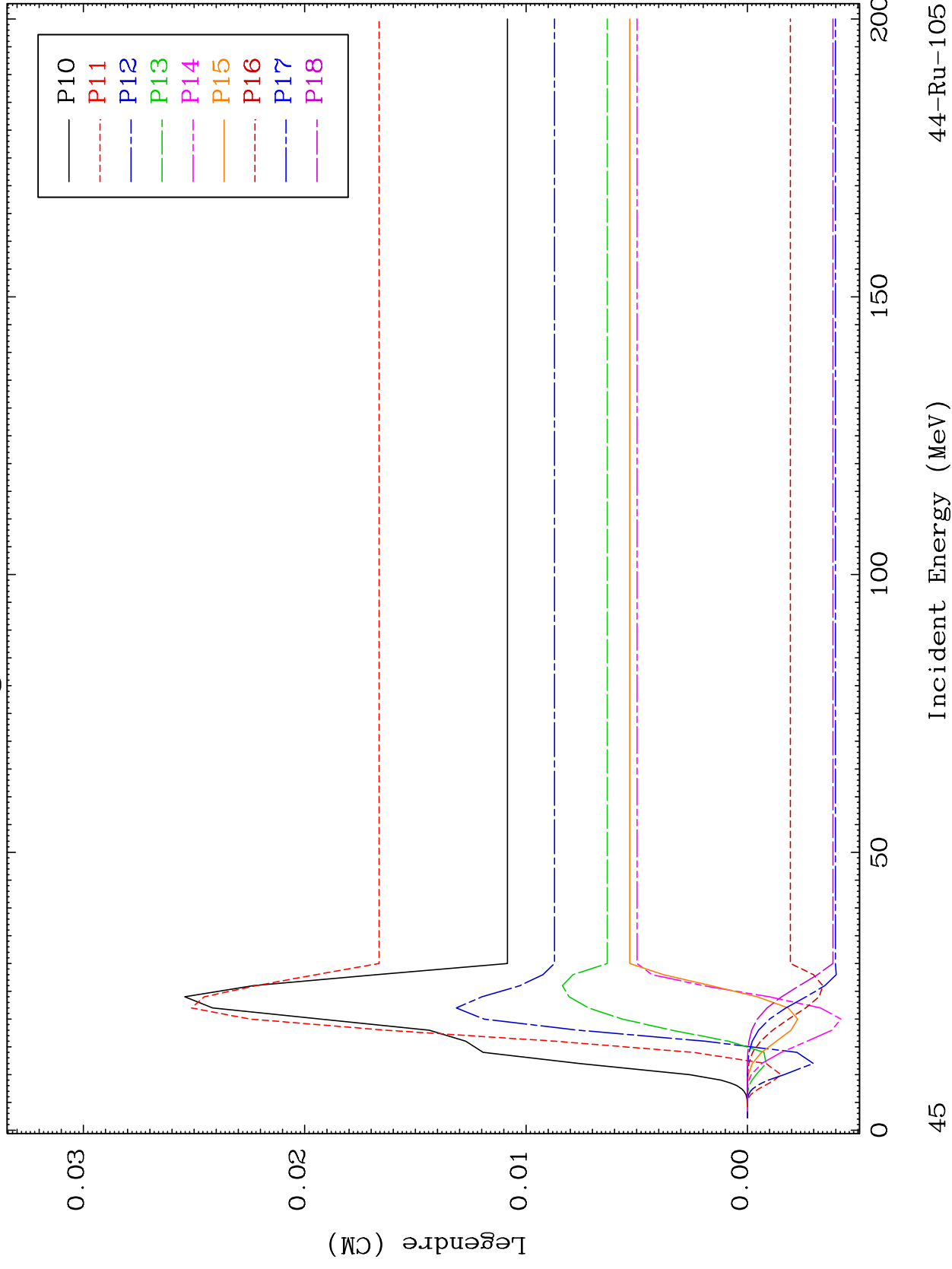
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

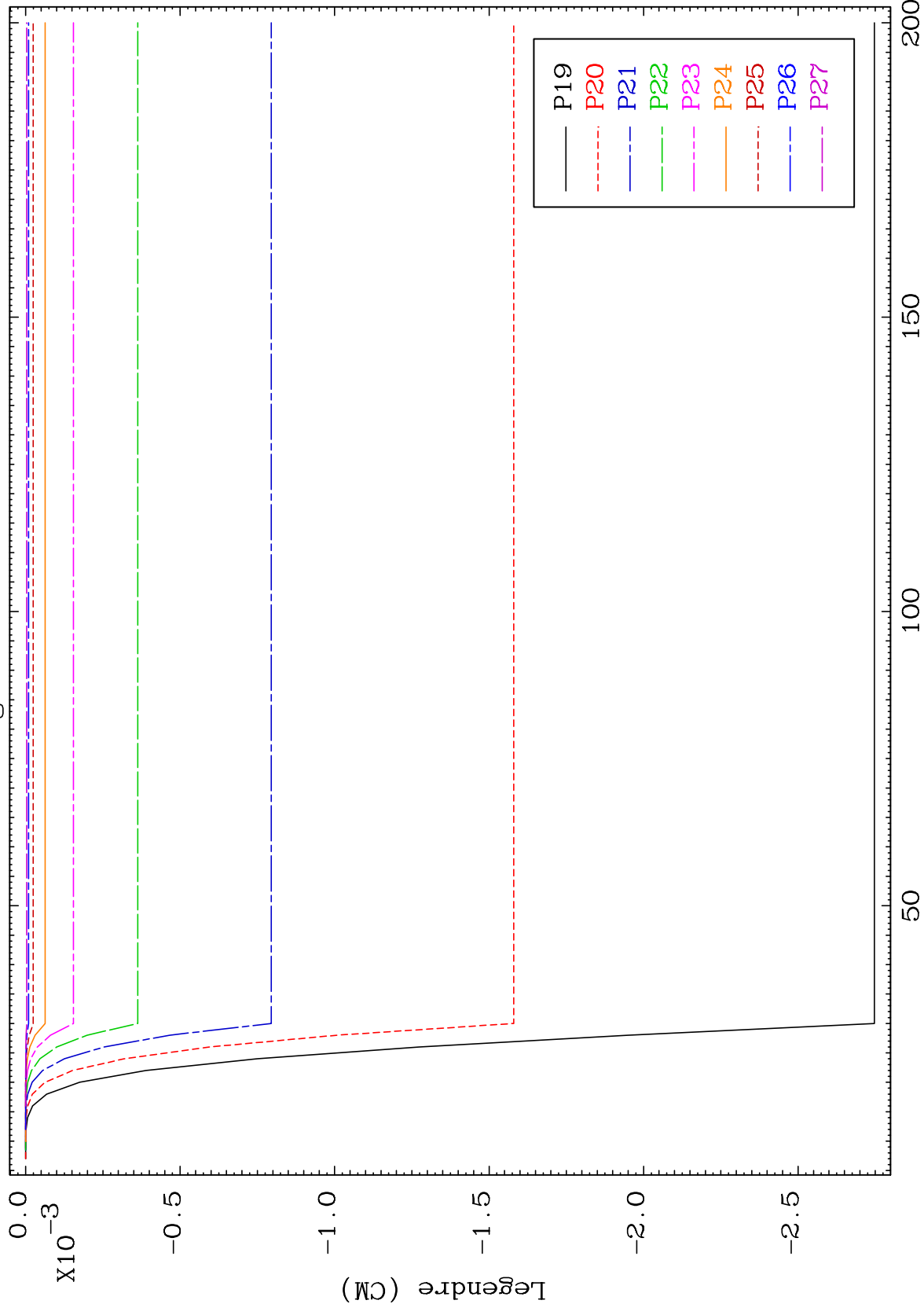
Incident Energy (MeV)

45

MAT 4452

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

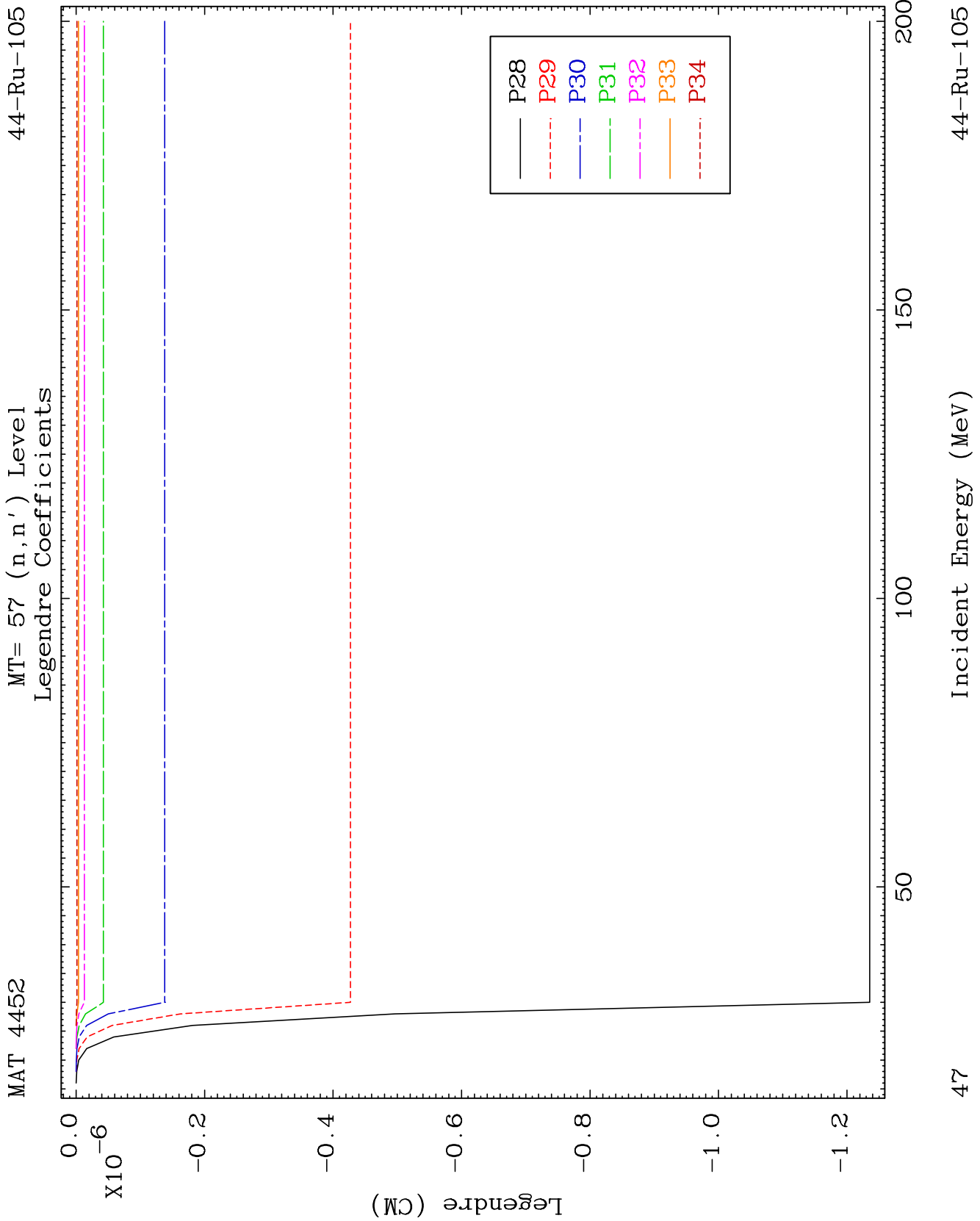
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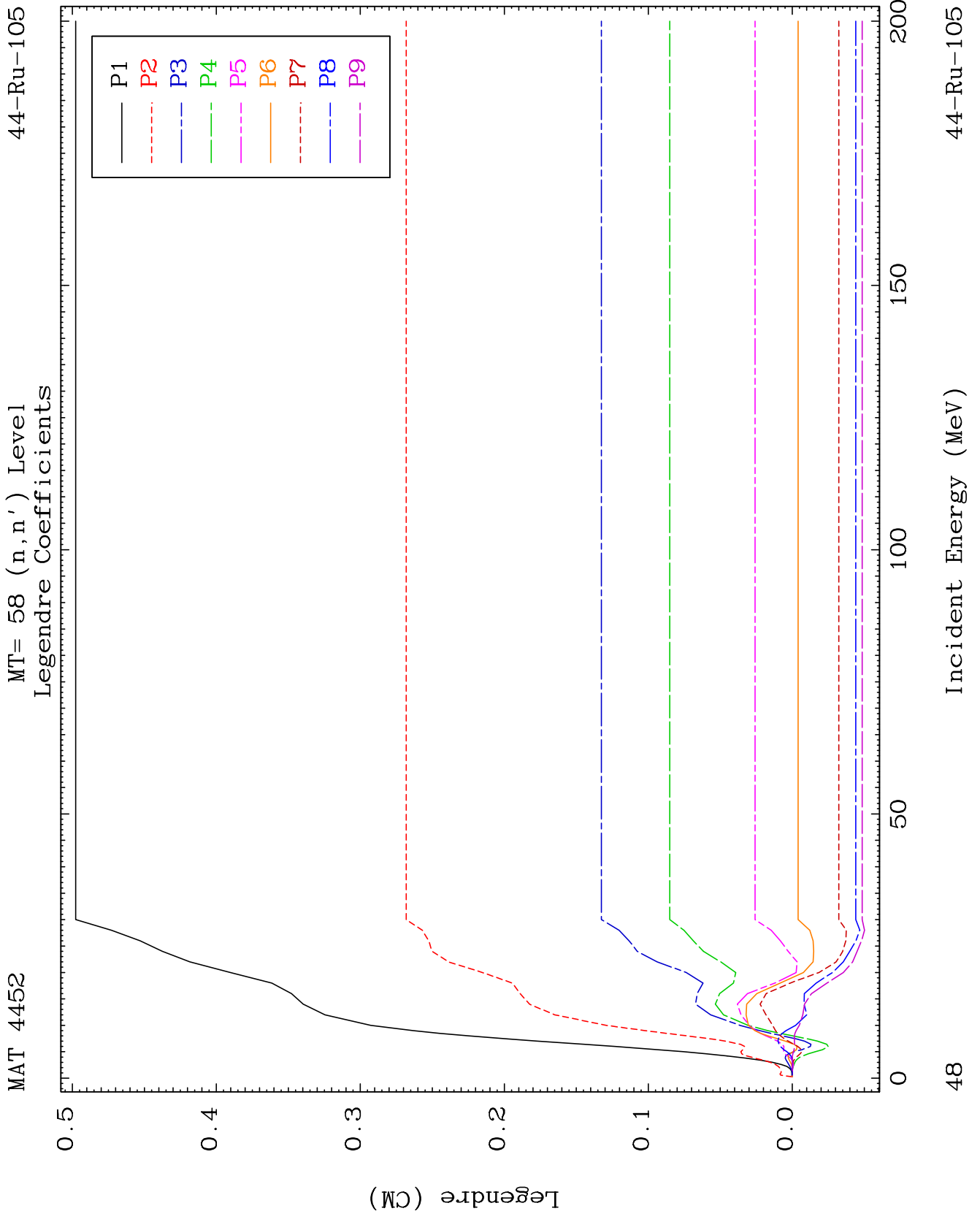


46

Incident Energy (MeV)

44-Ru-105

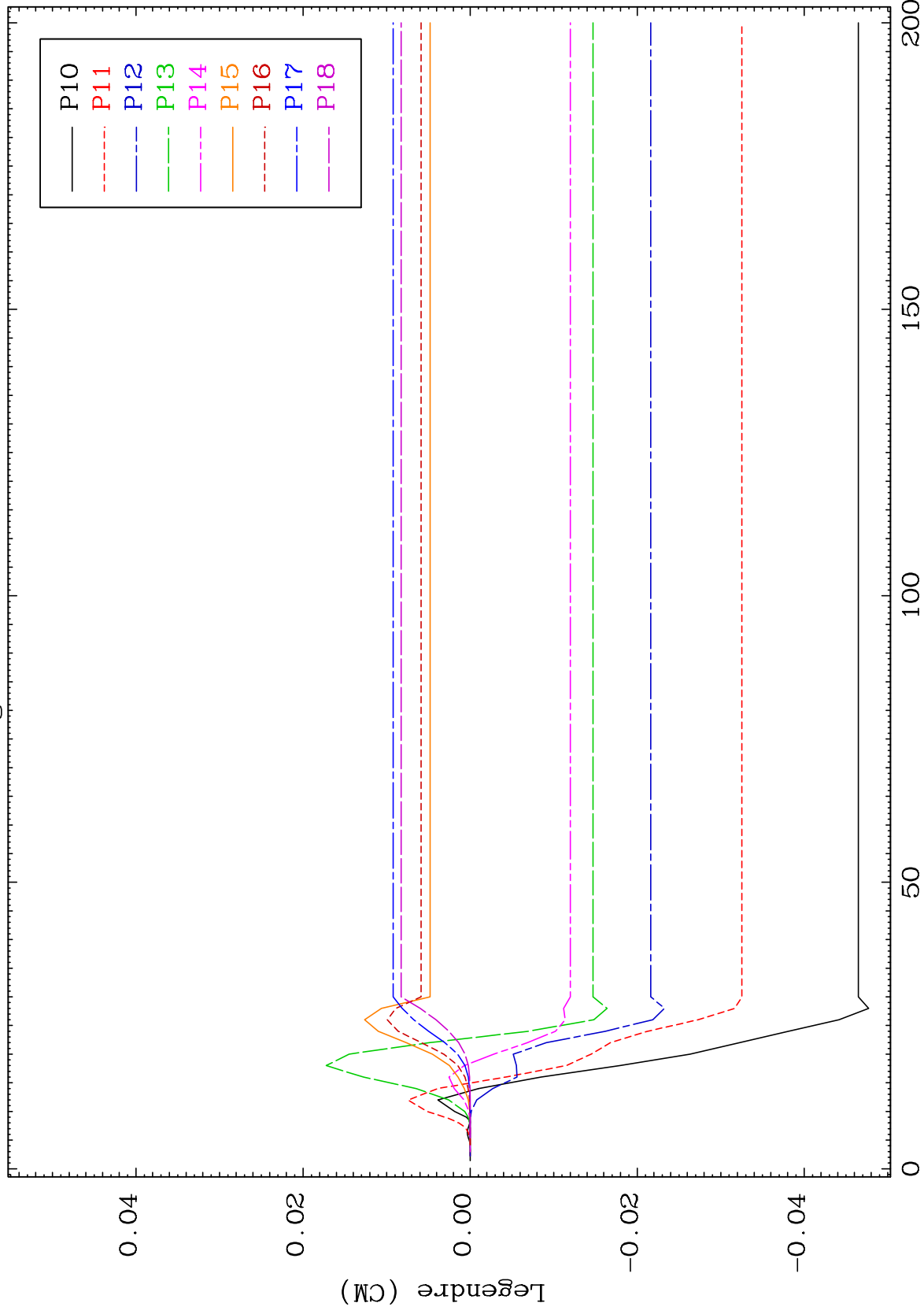




MAT 4452

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

44-Ru-105



49

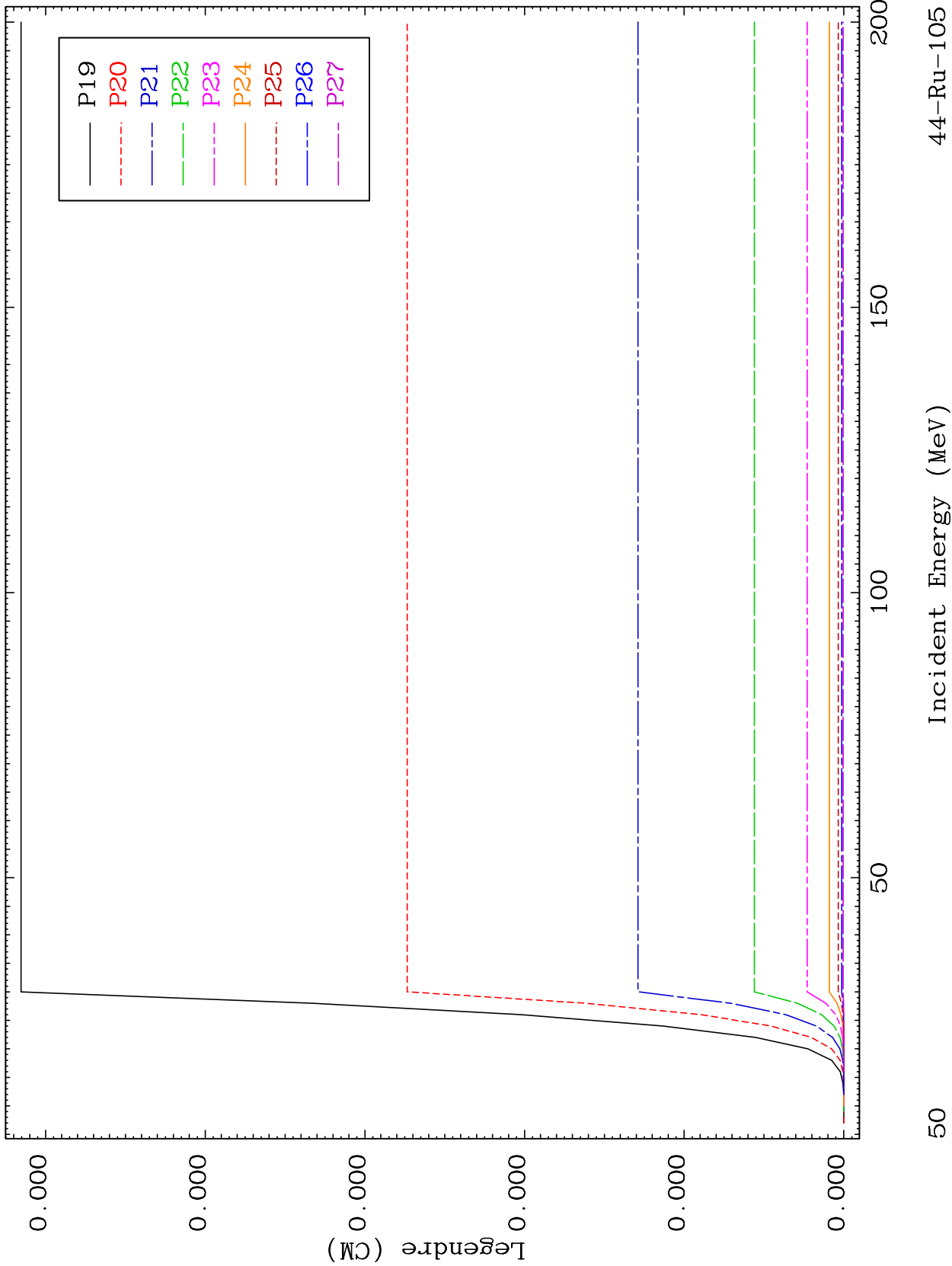
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



50

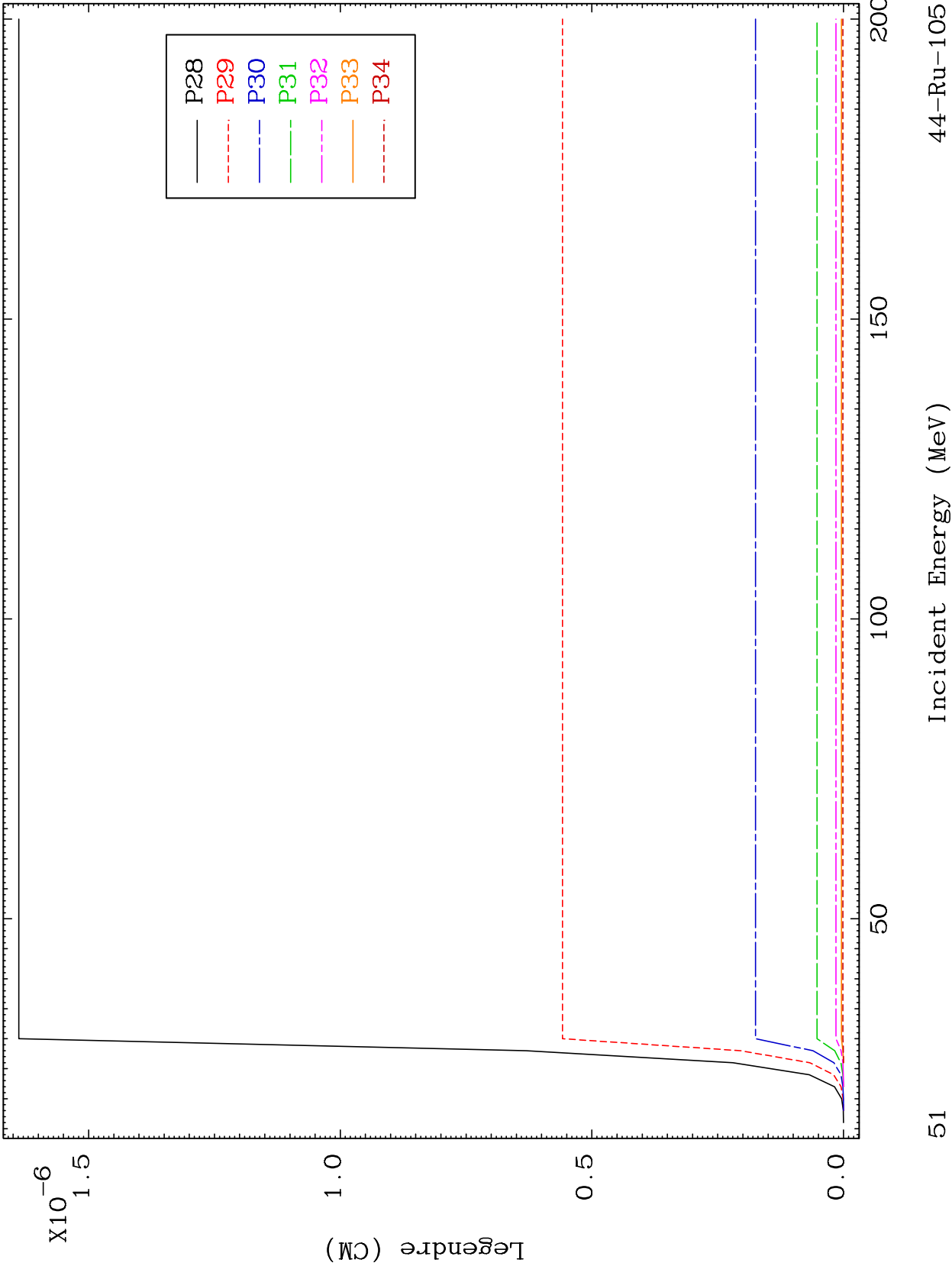
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



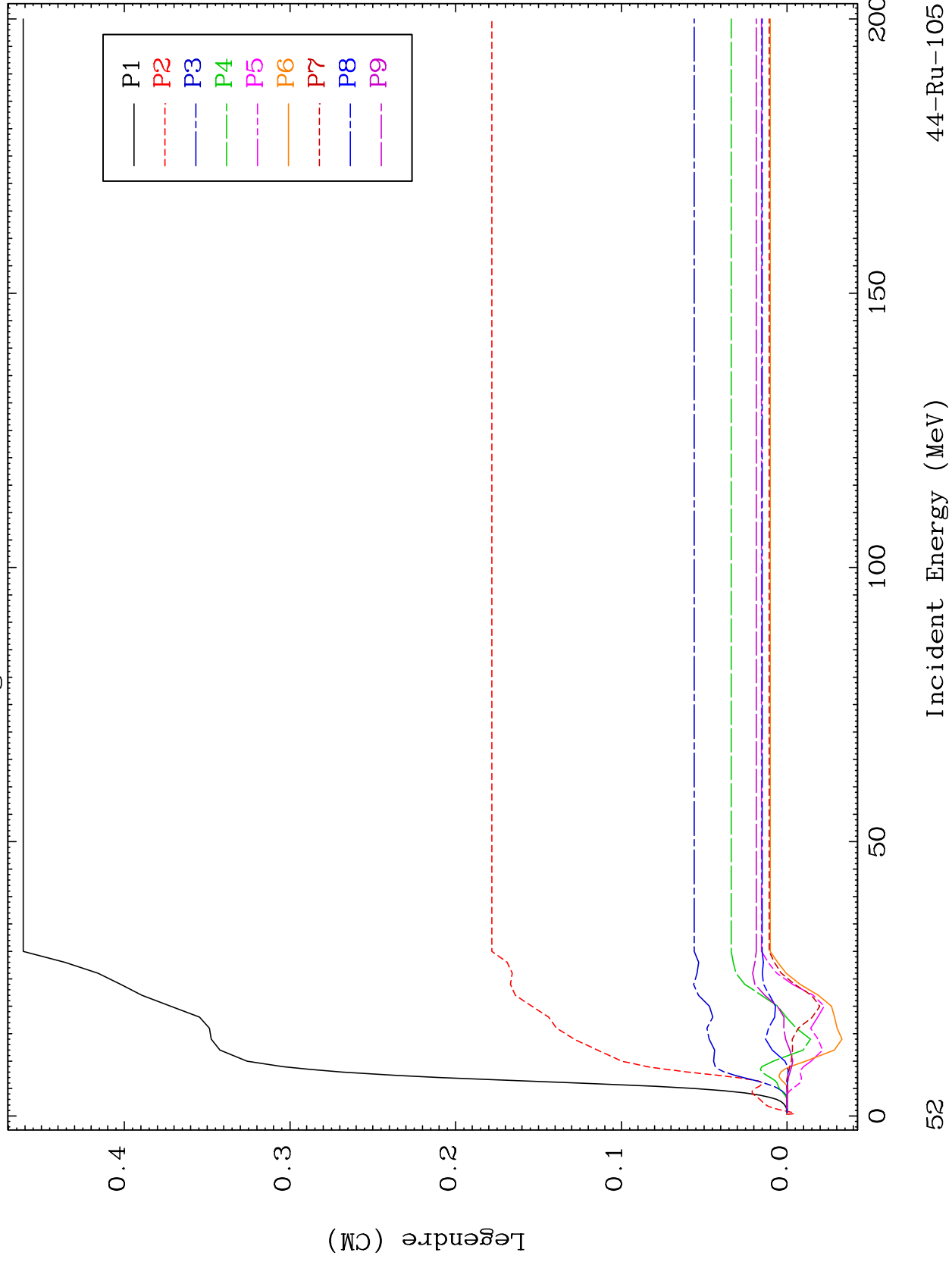
51

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

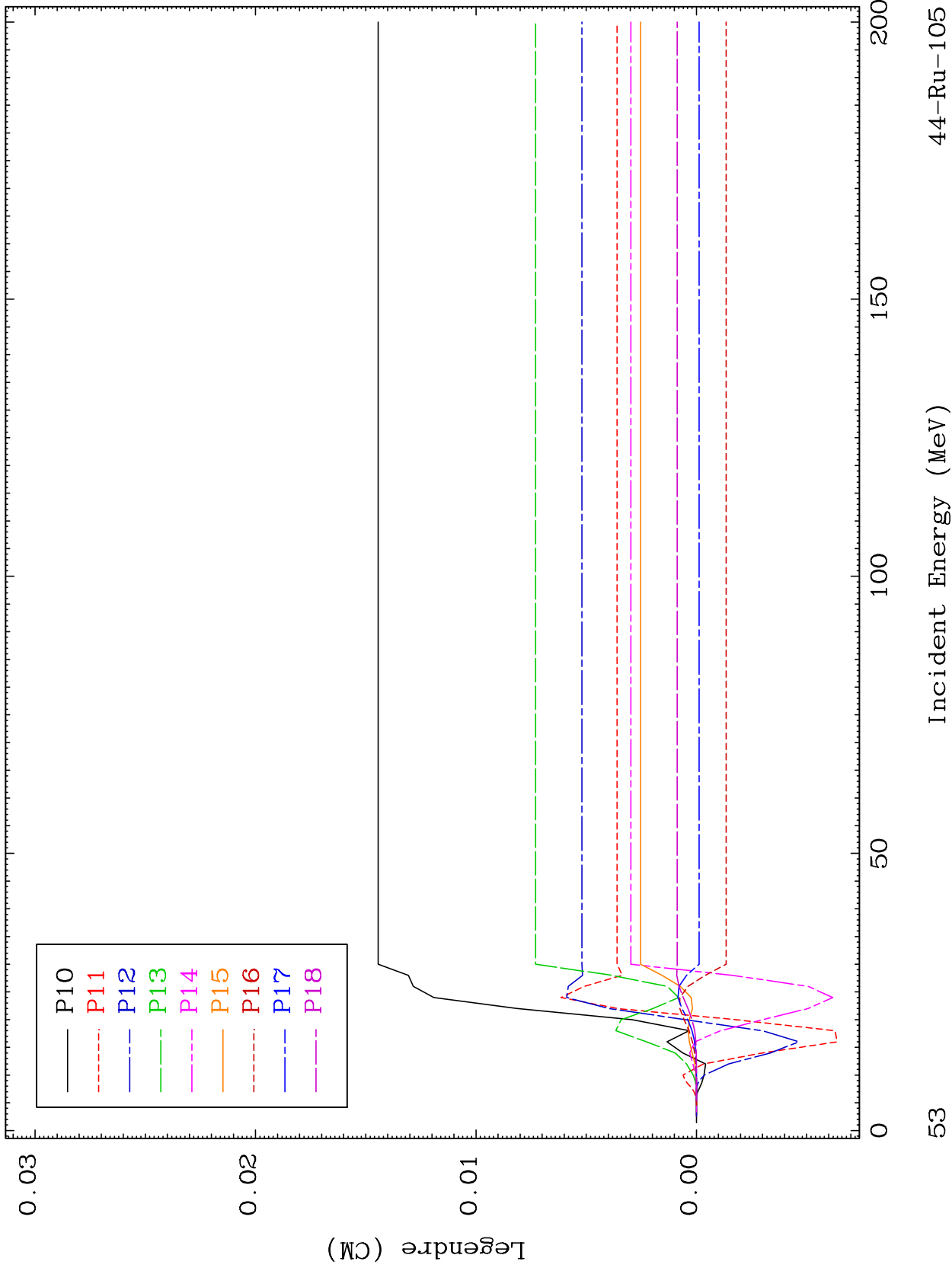
Incident Energy (MeV)

52

MAT 4452

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

44-Ru-105



53

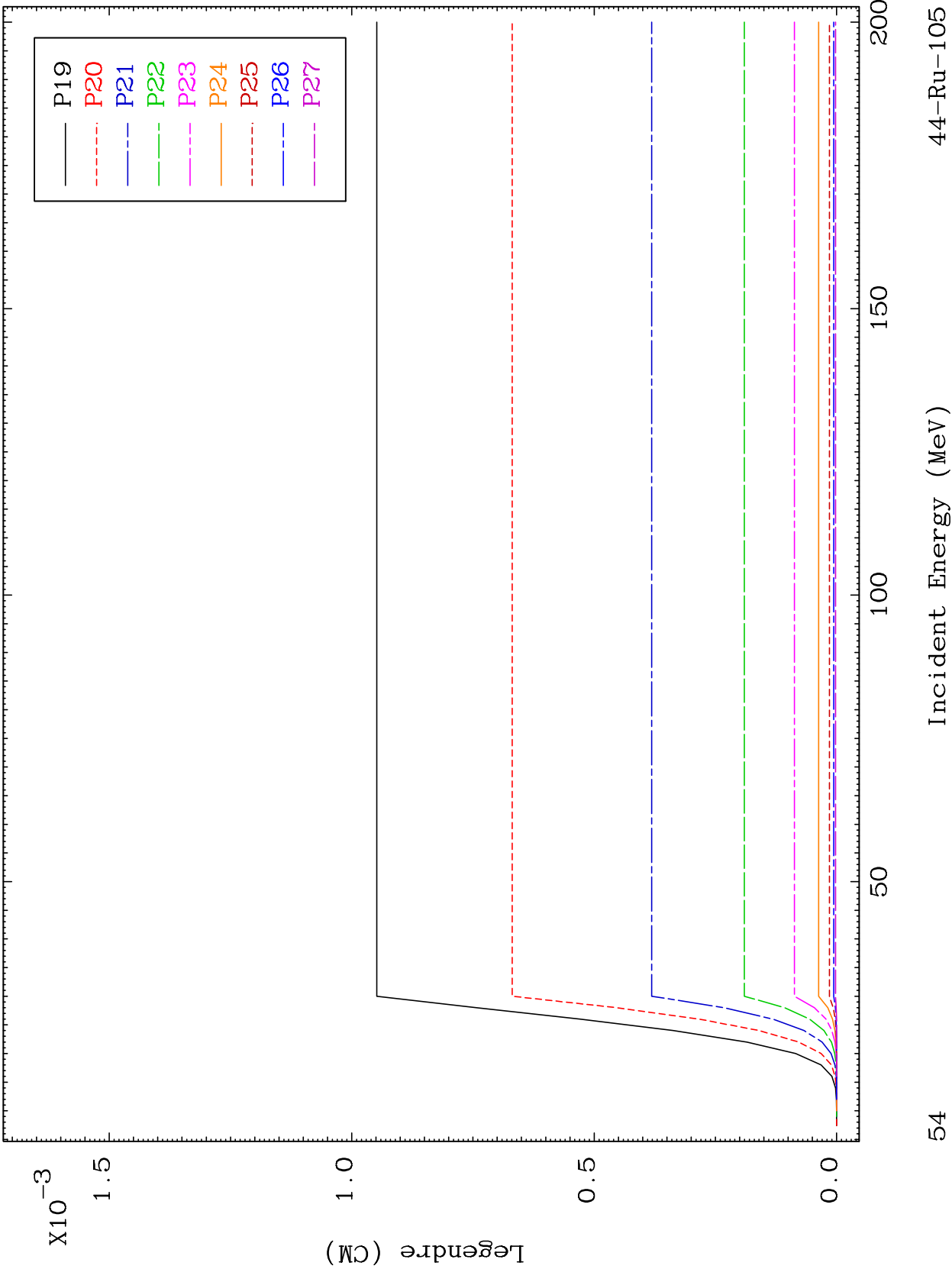
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



54

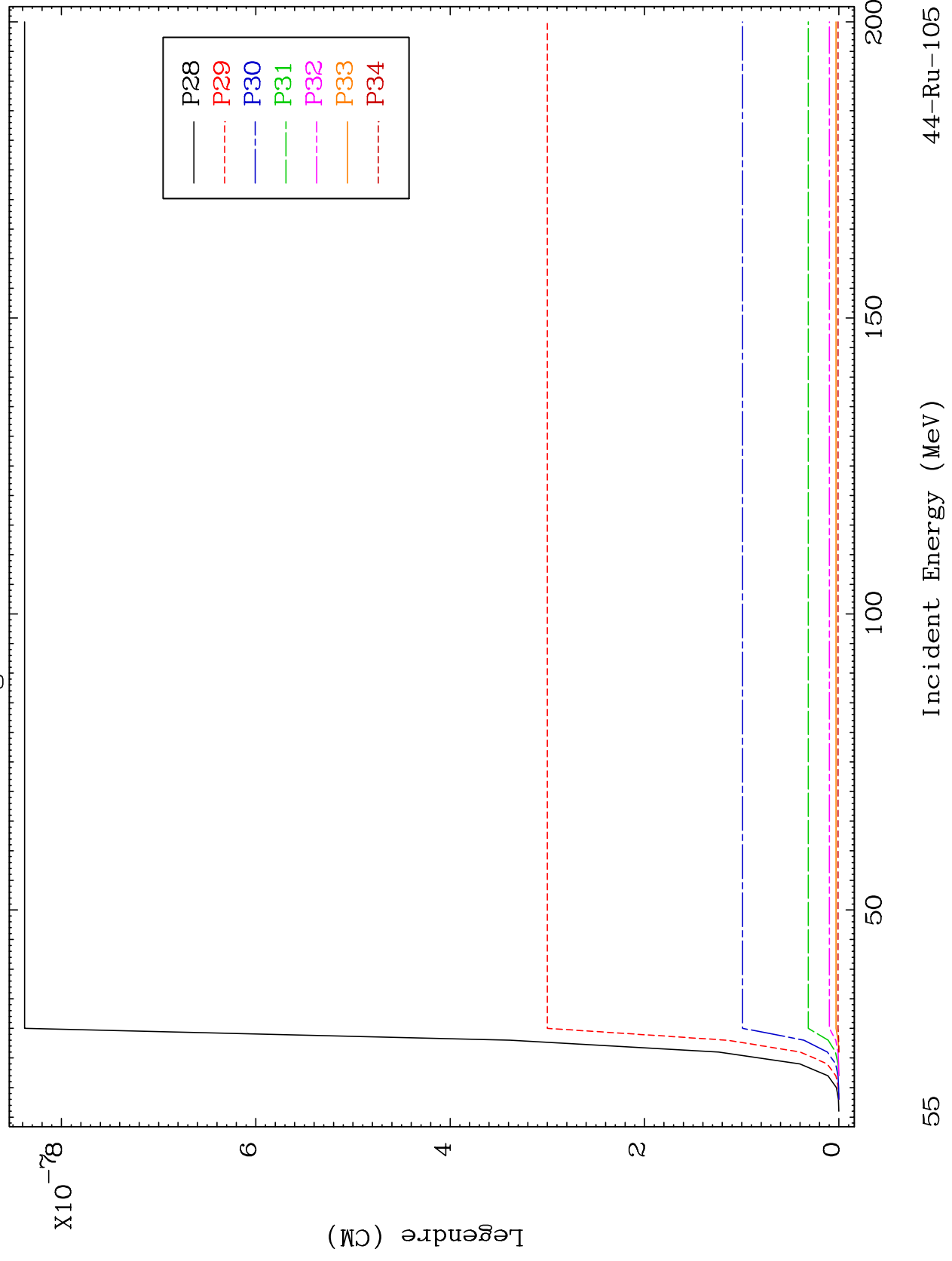
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

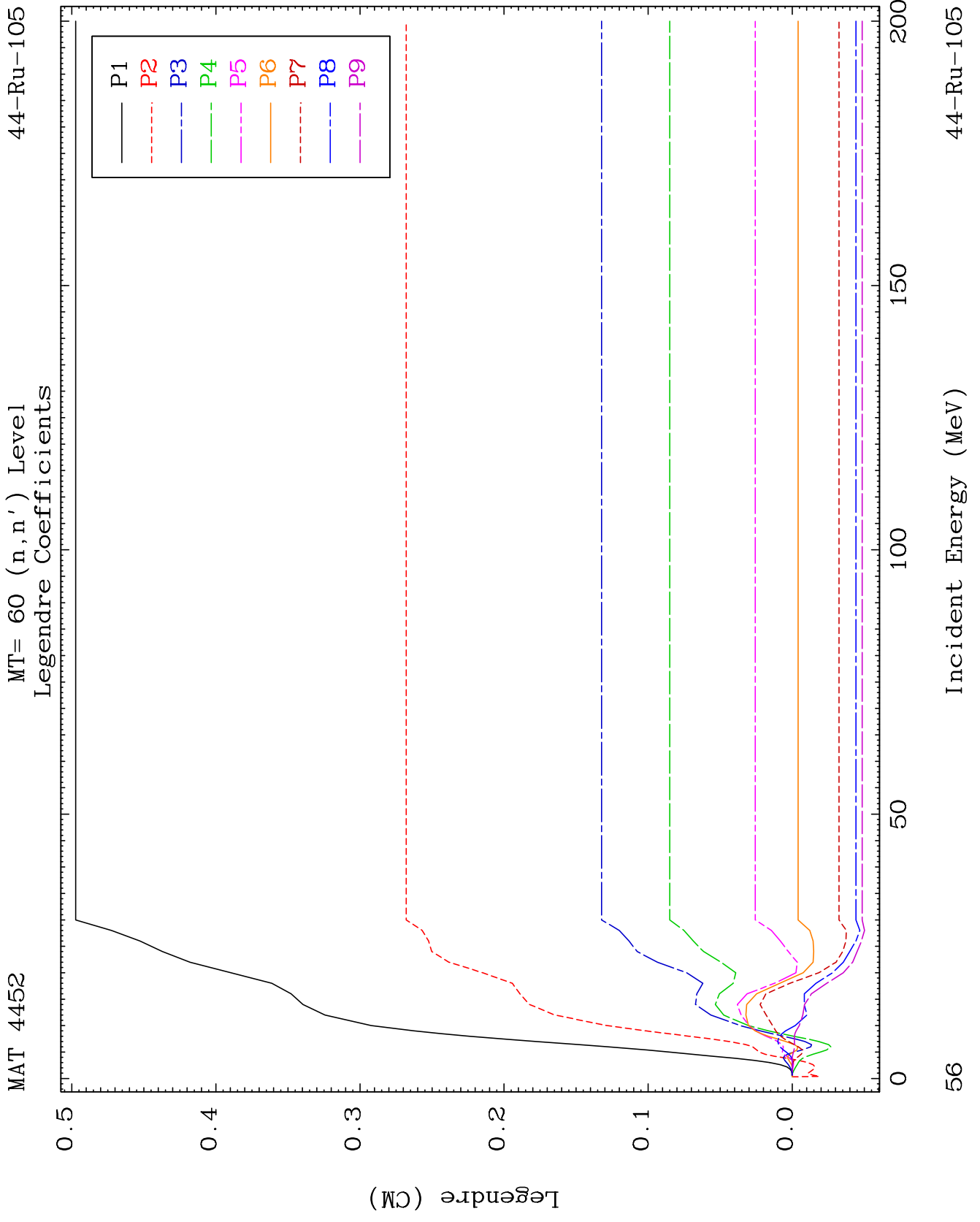
44-Ru-105



55

Incident Energy (MeV)

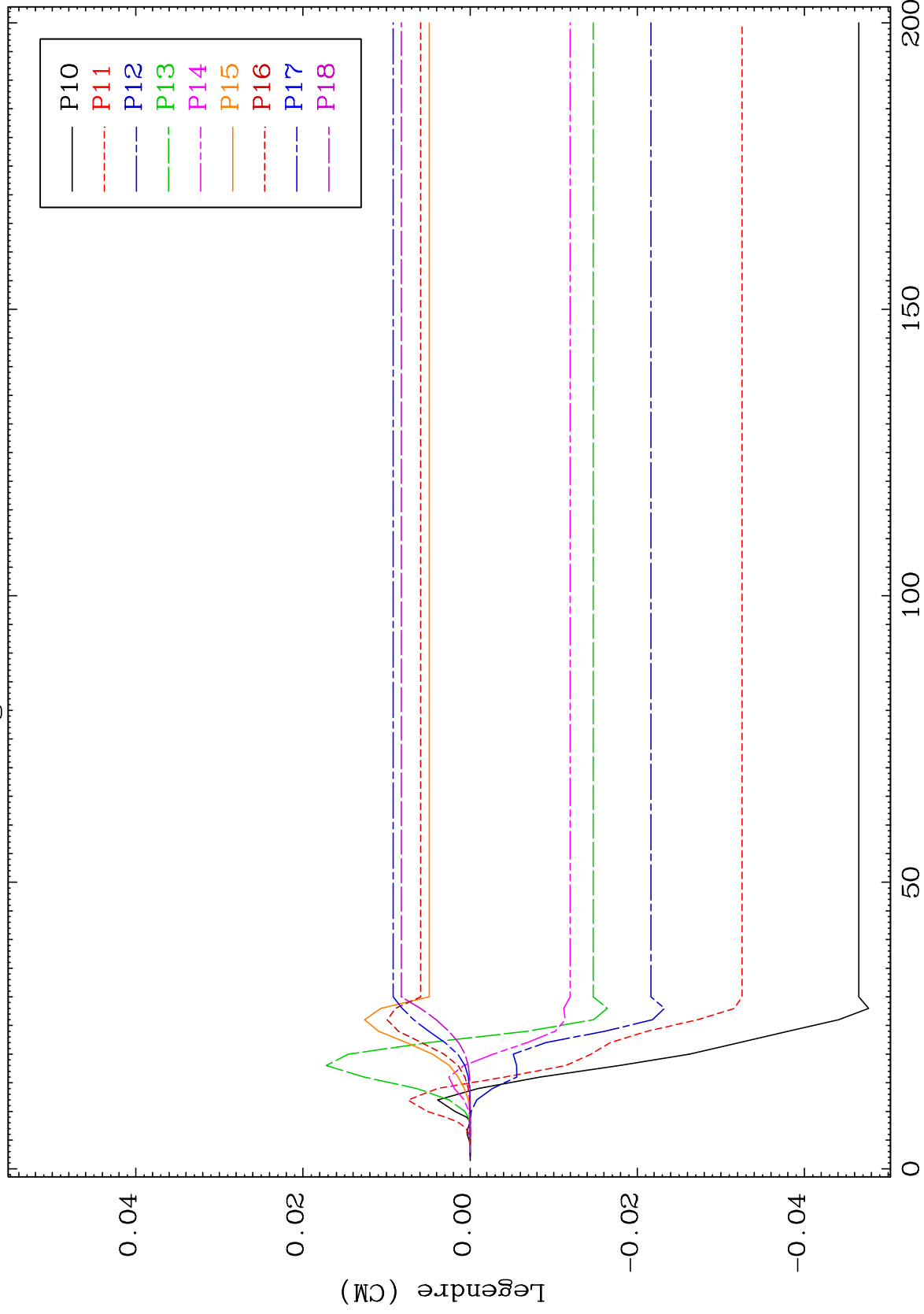
44-Ru-105



MAT 4452

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

44-Ru-105



57

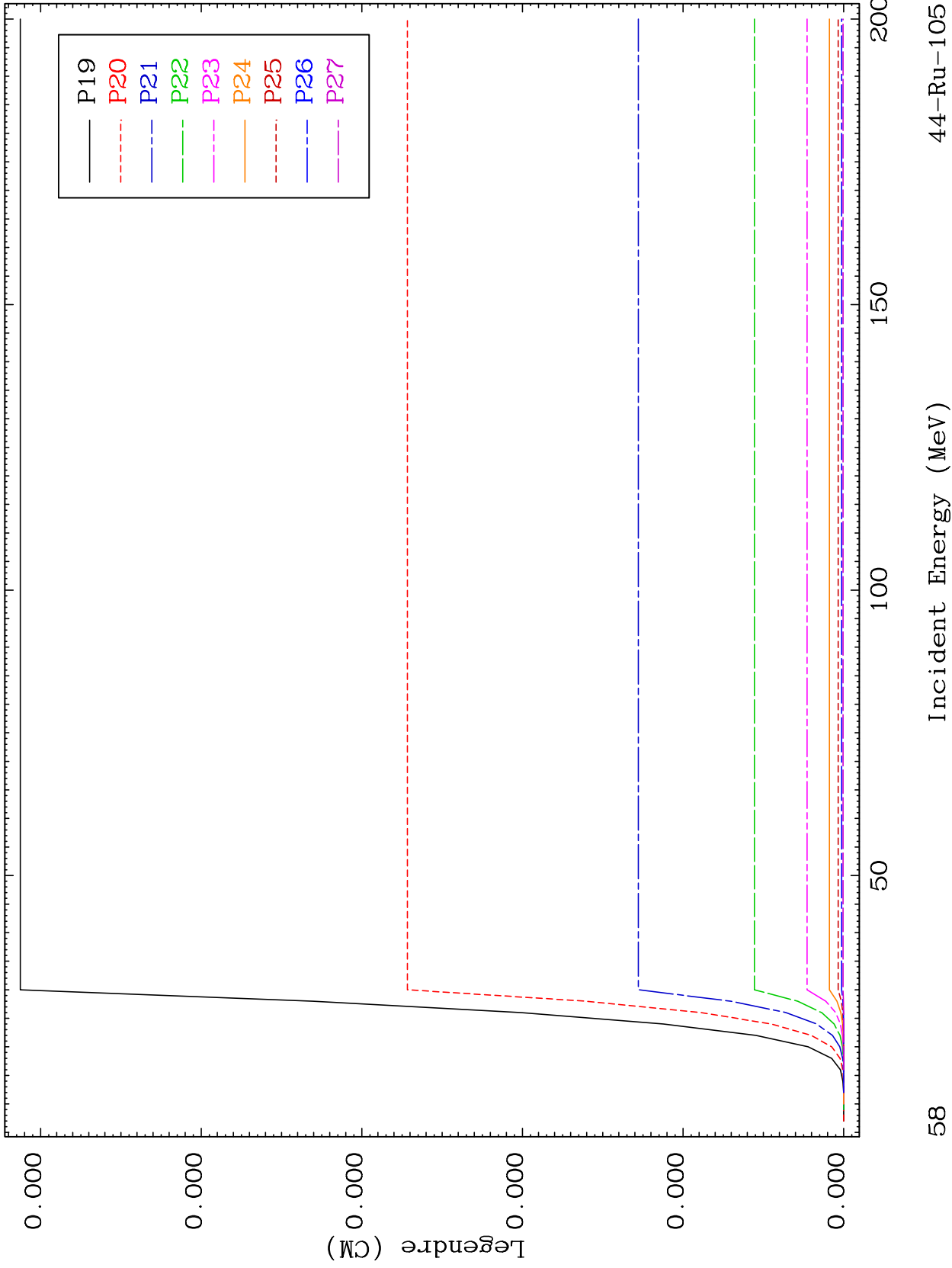
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



58

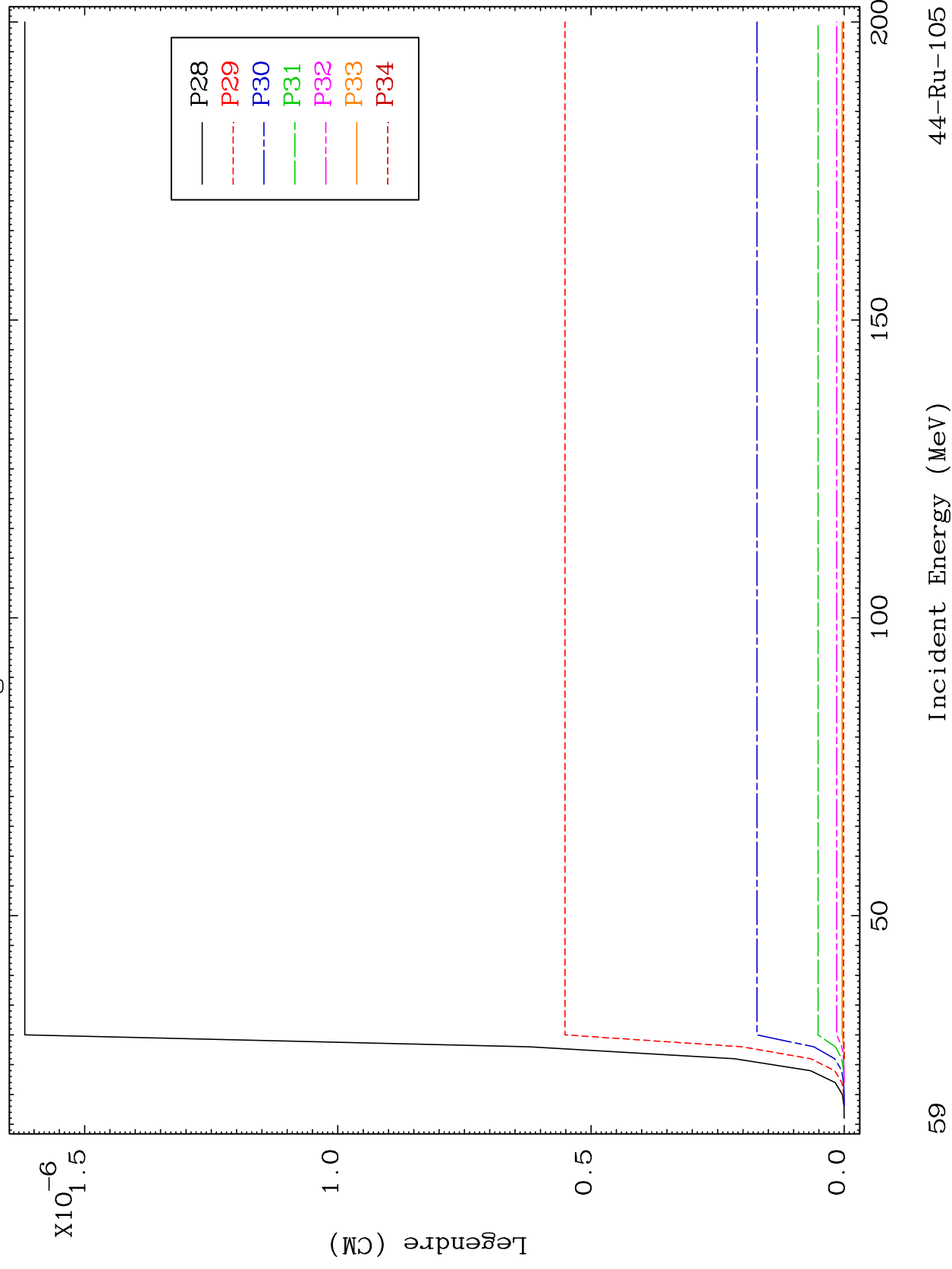
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



59

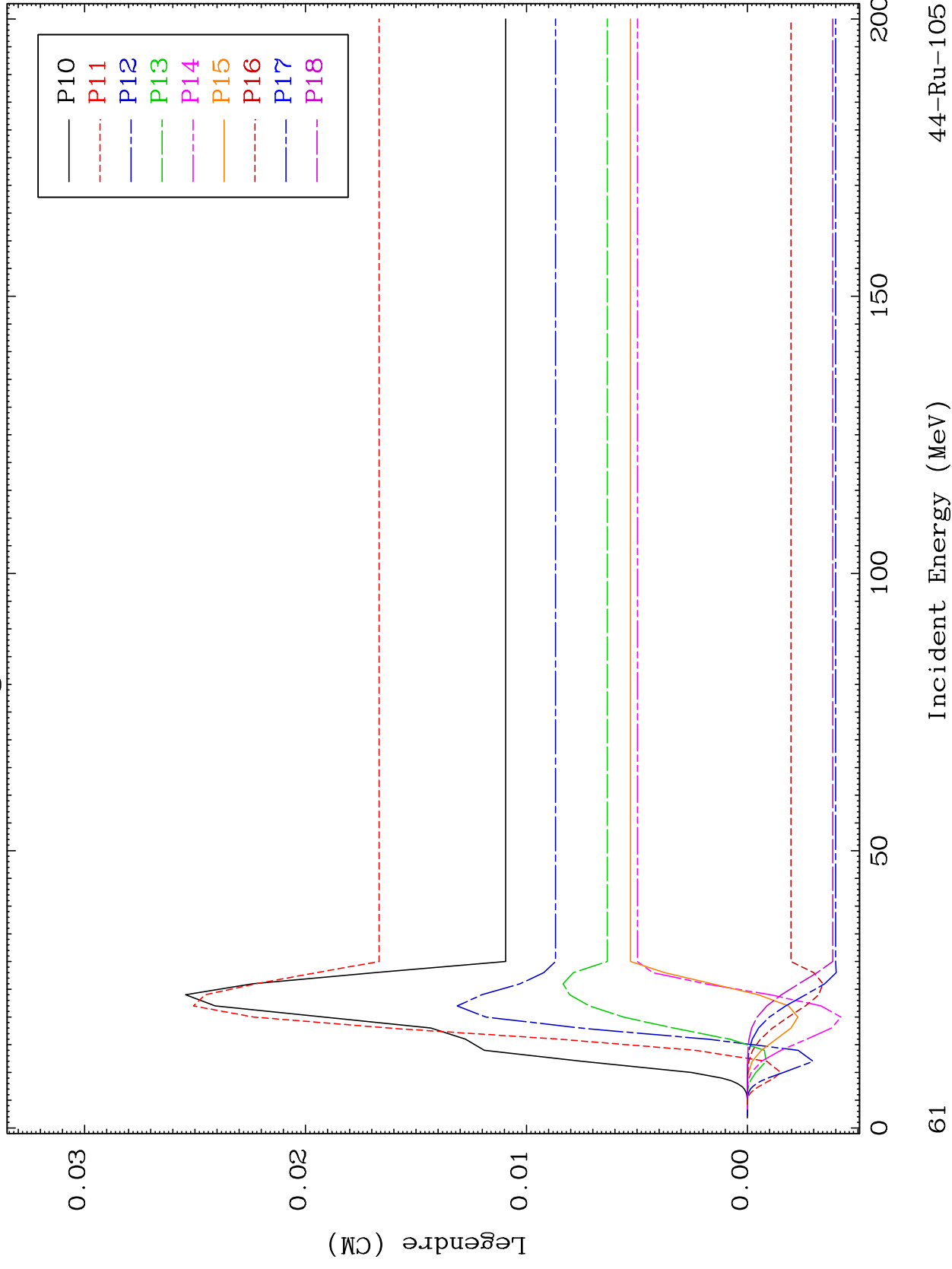
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

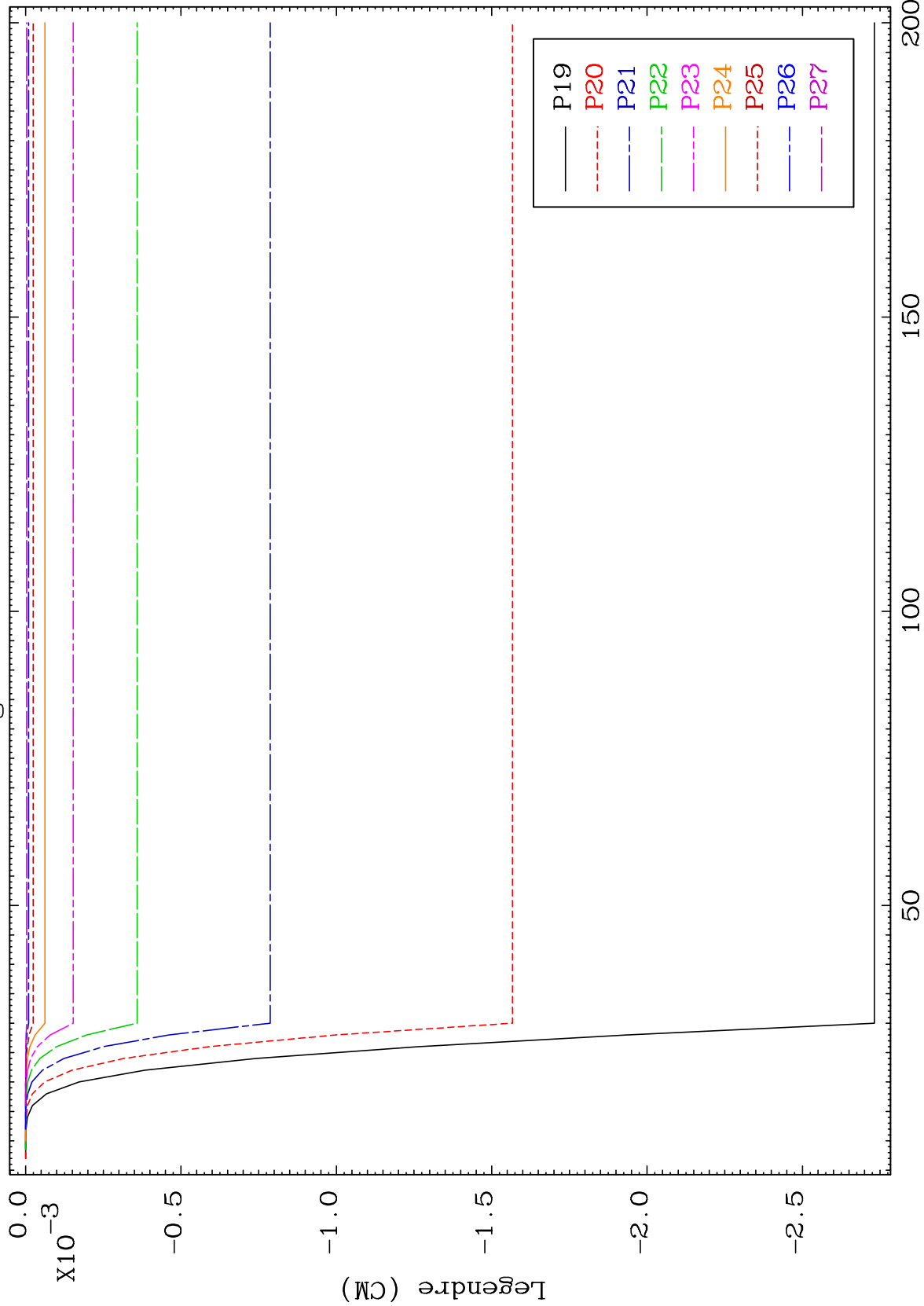
Incident Energy (MeV)

61

MAT 4452

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

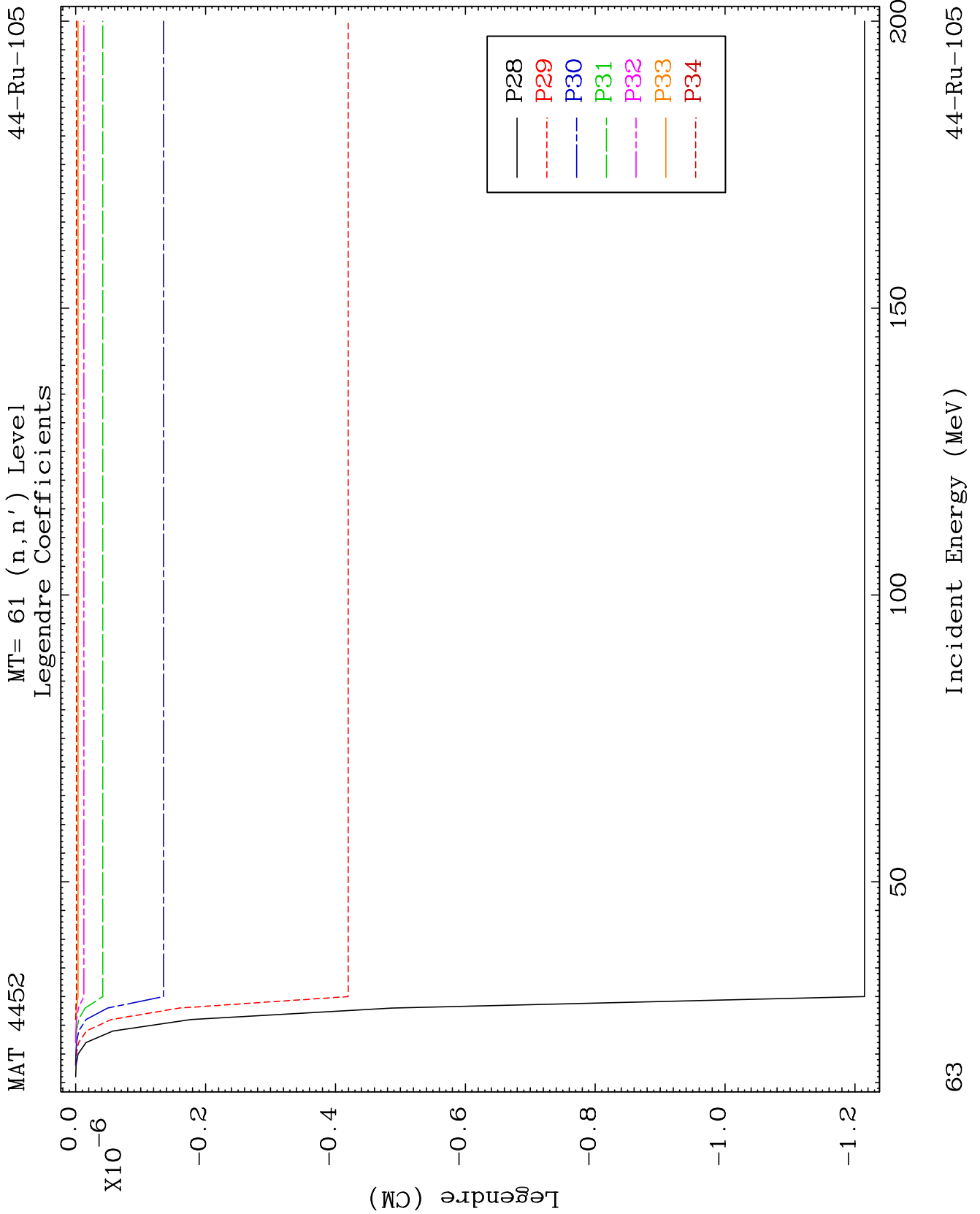
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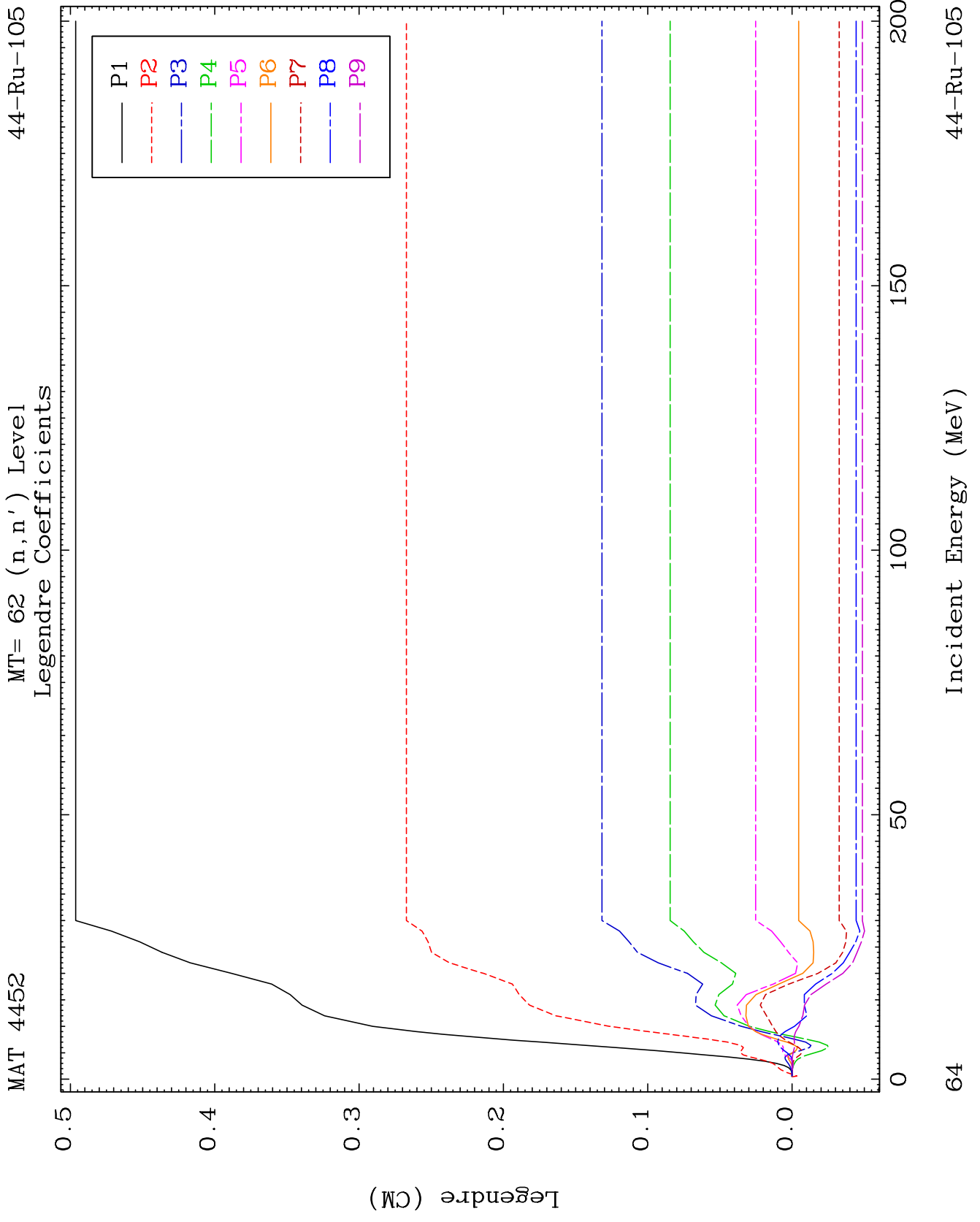


62

Incident Energy (MeV)

44-Ru-105

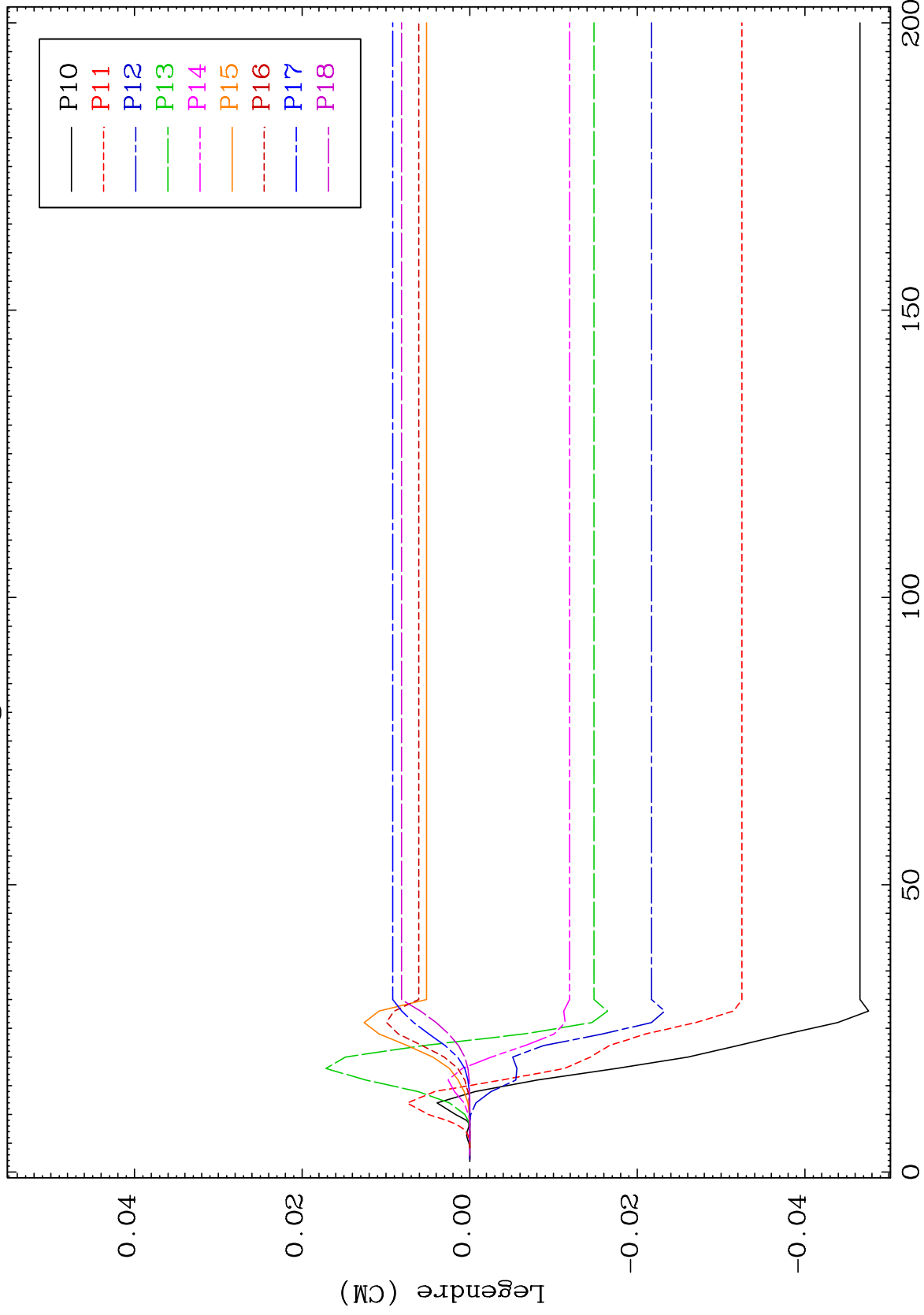




MAT 4452

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

44-Ru-105



65

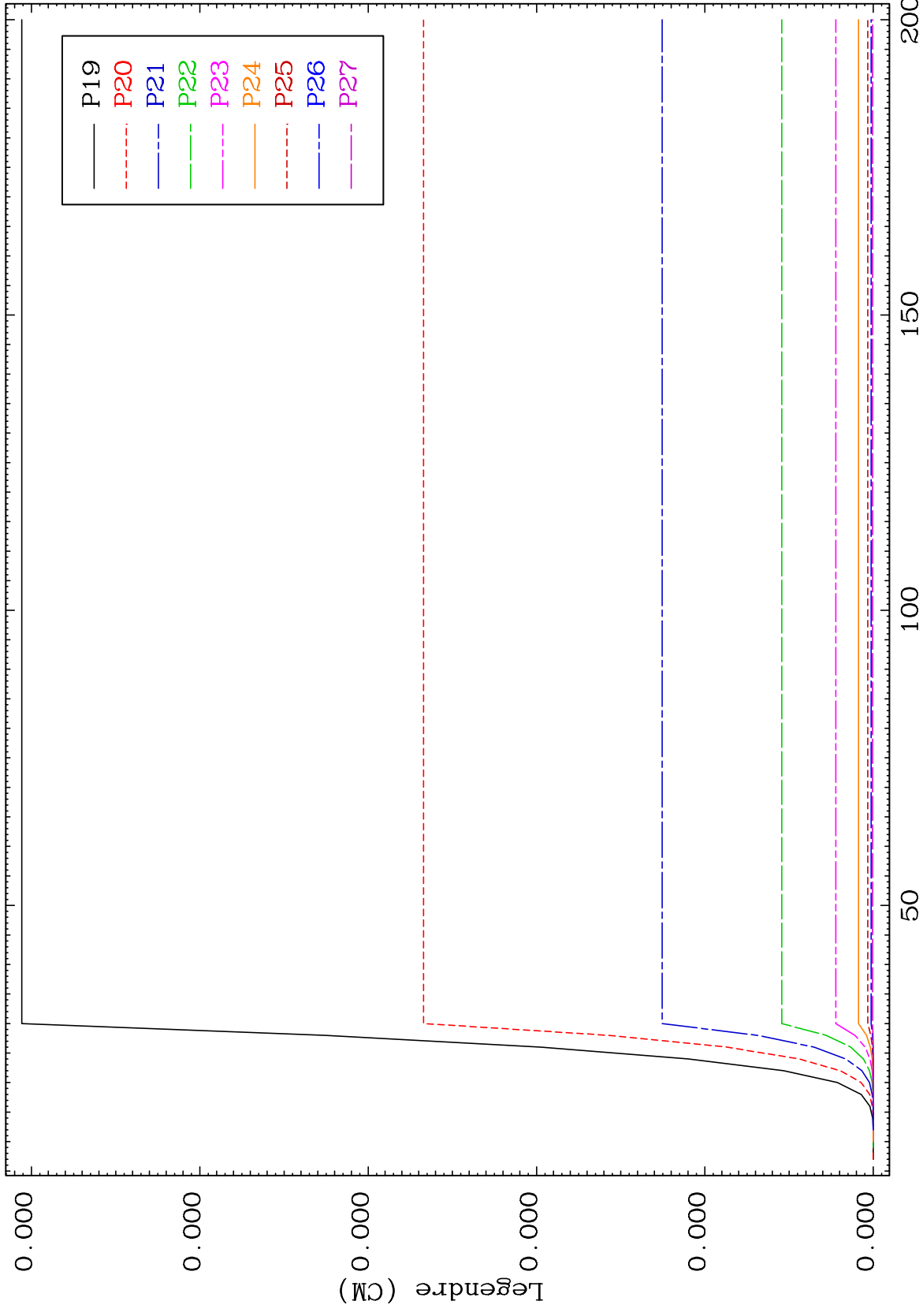
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



66

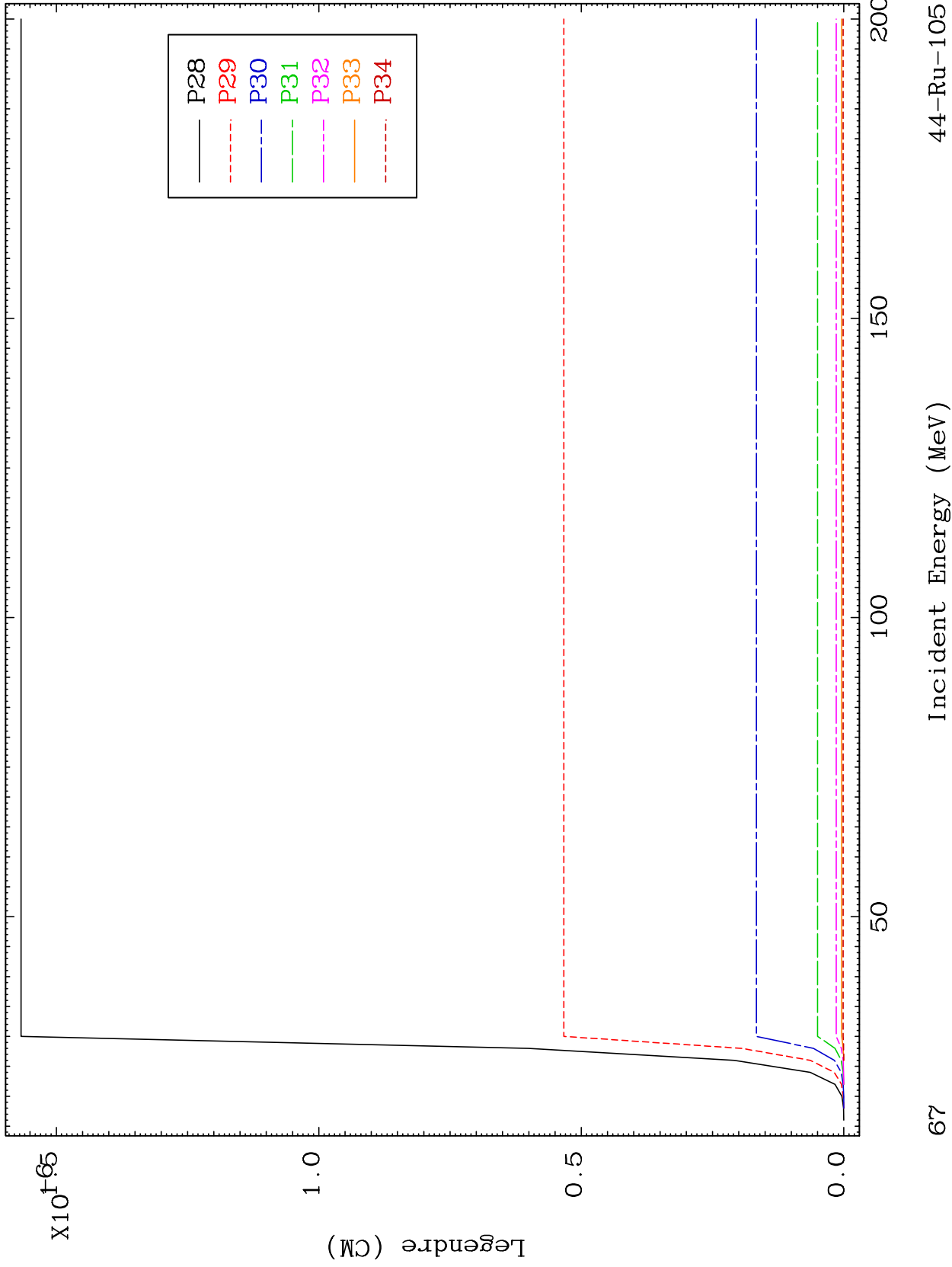
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



67

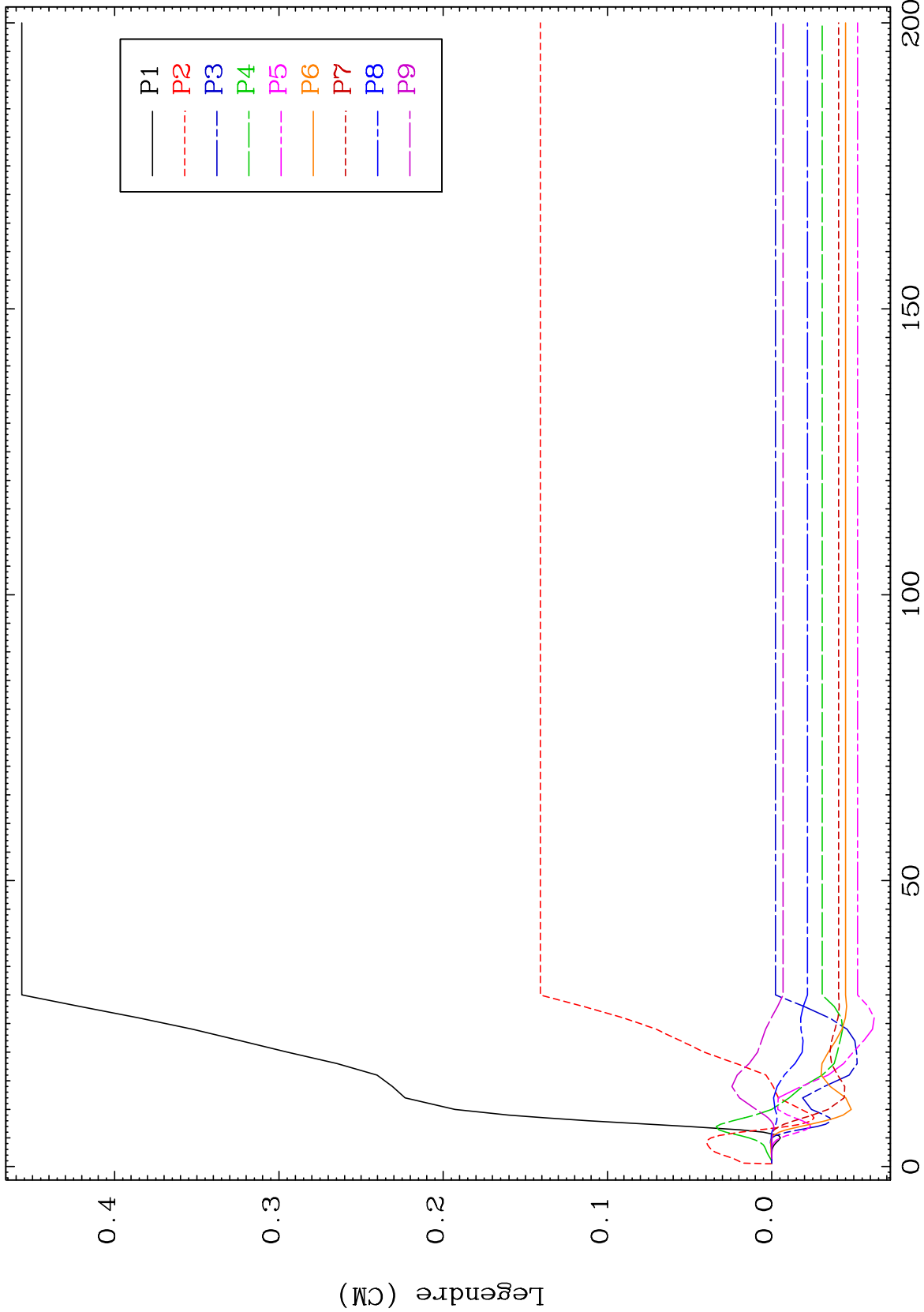
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



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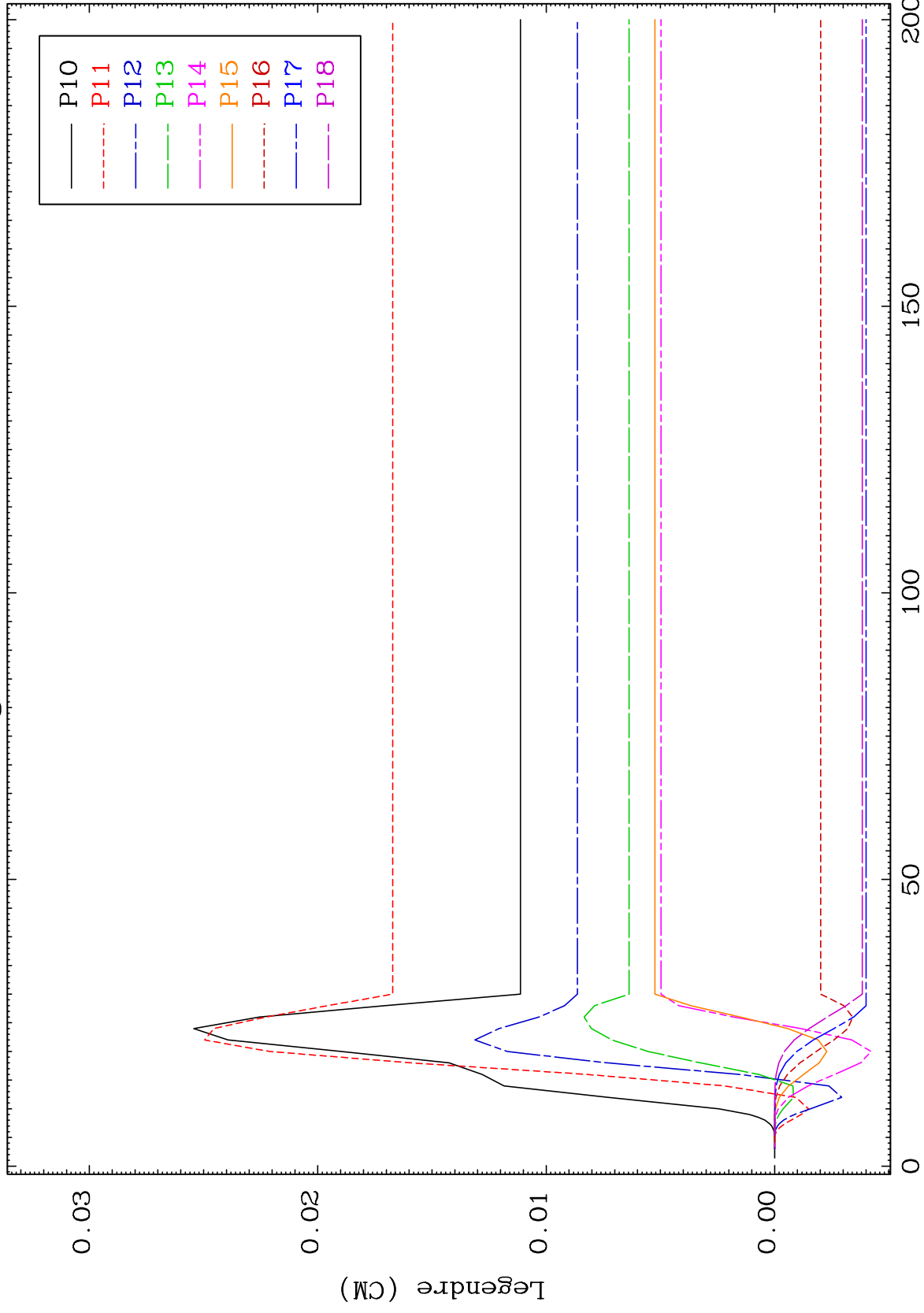
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

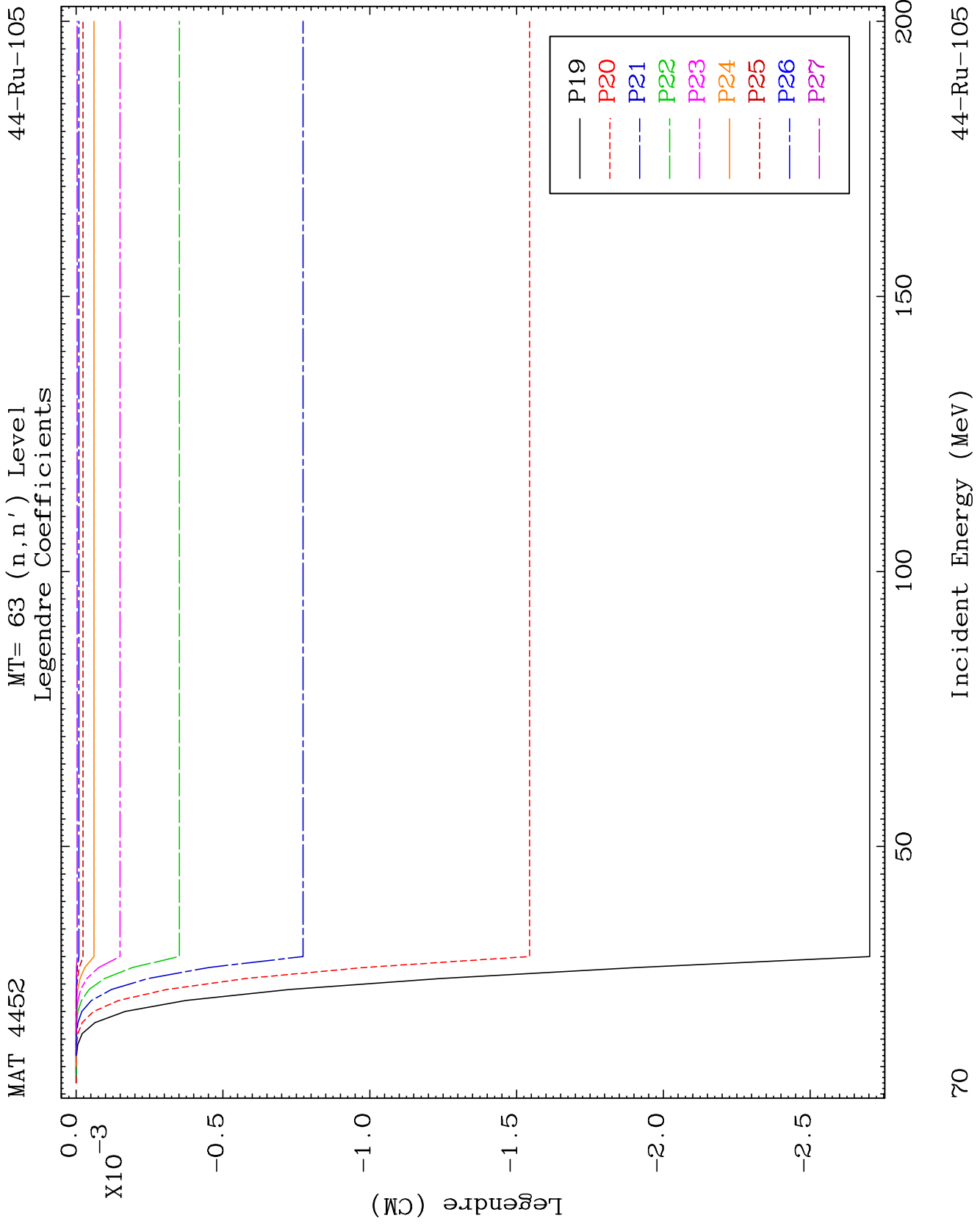
44-Ru-105

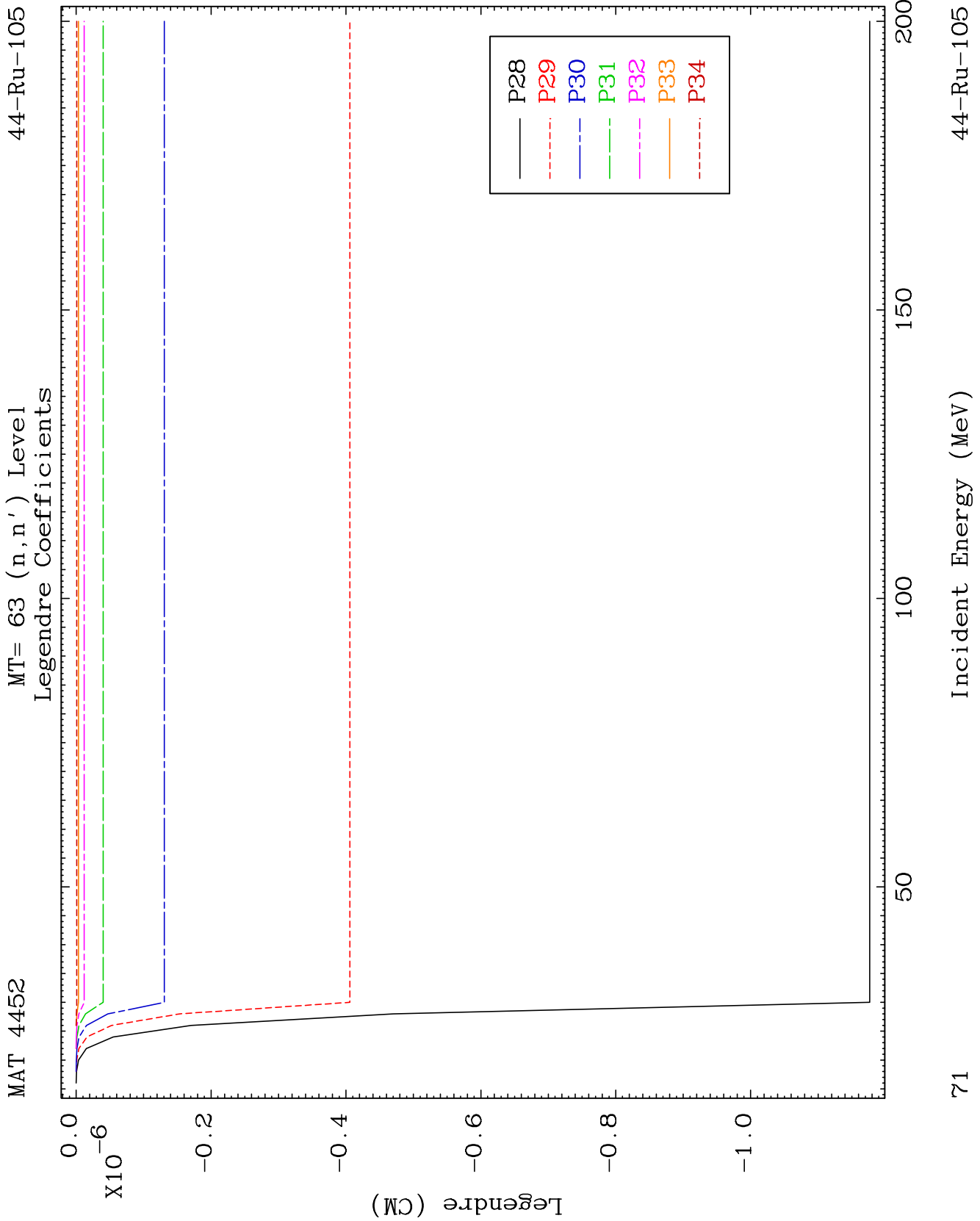


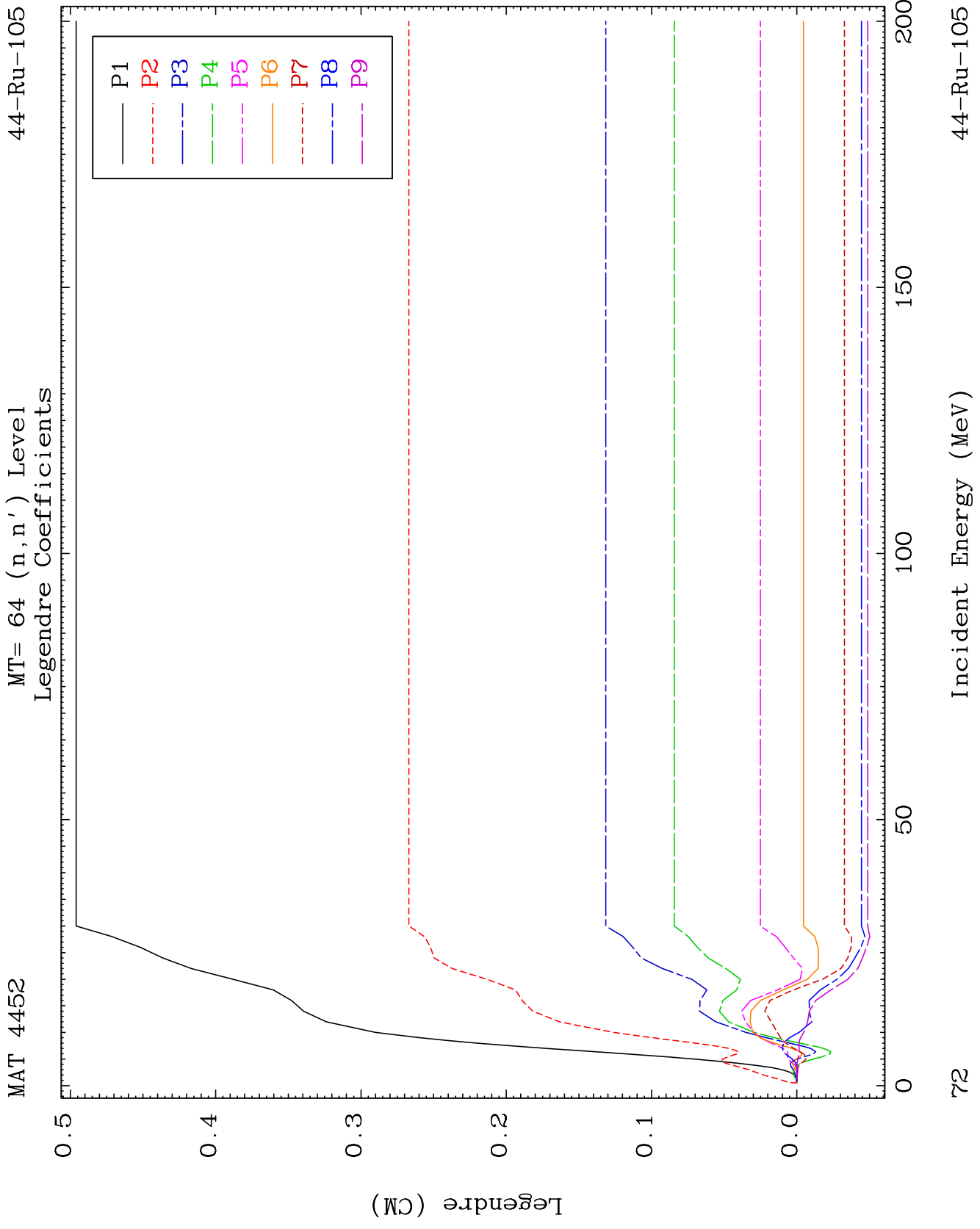
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Incident Energy (MeV)

44-Ru-105



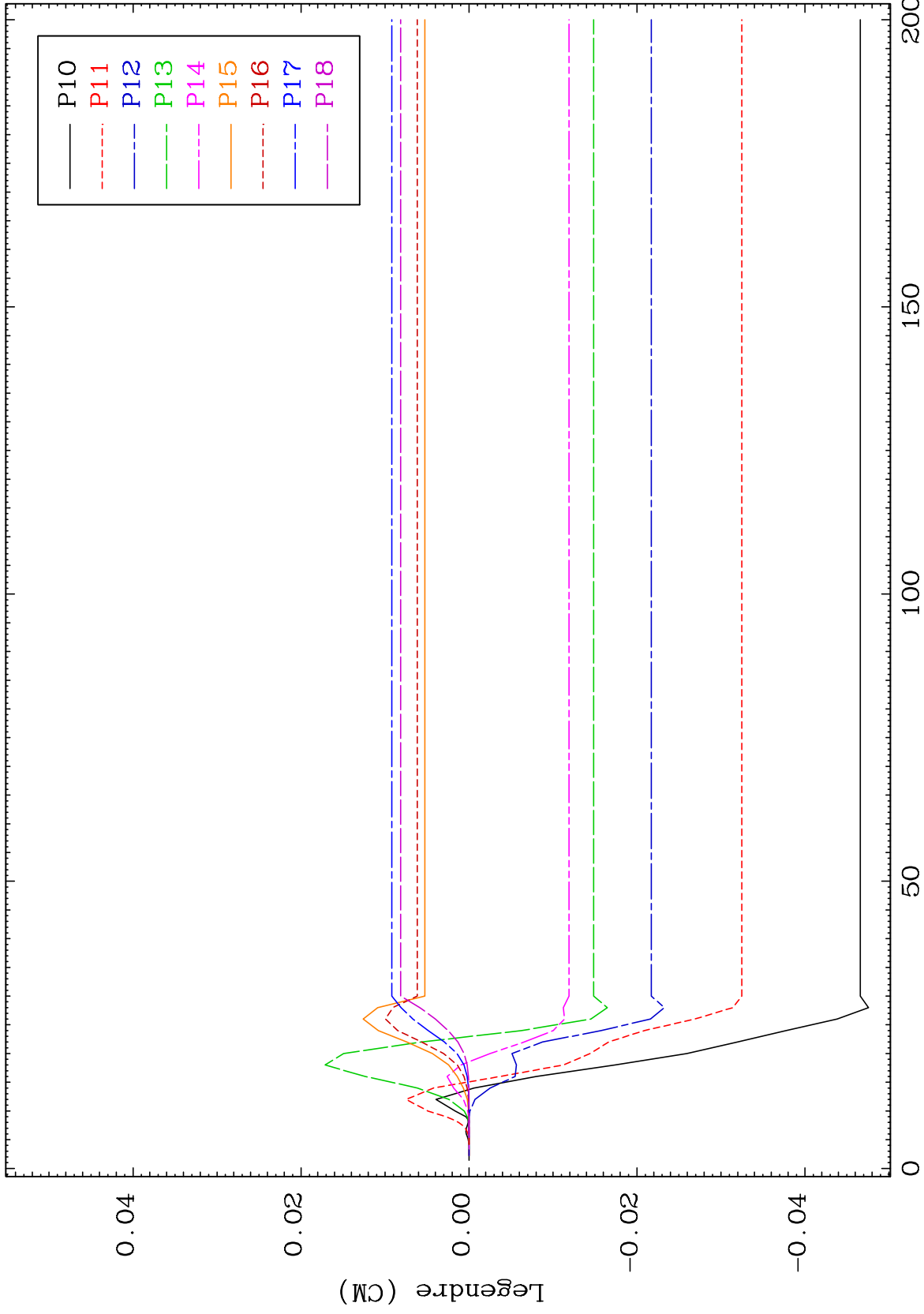




MAT 4452

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

44-Ru-105



73

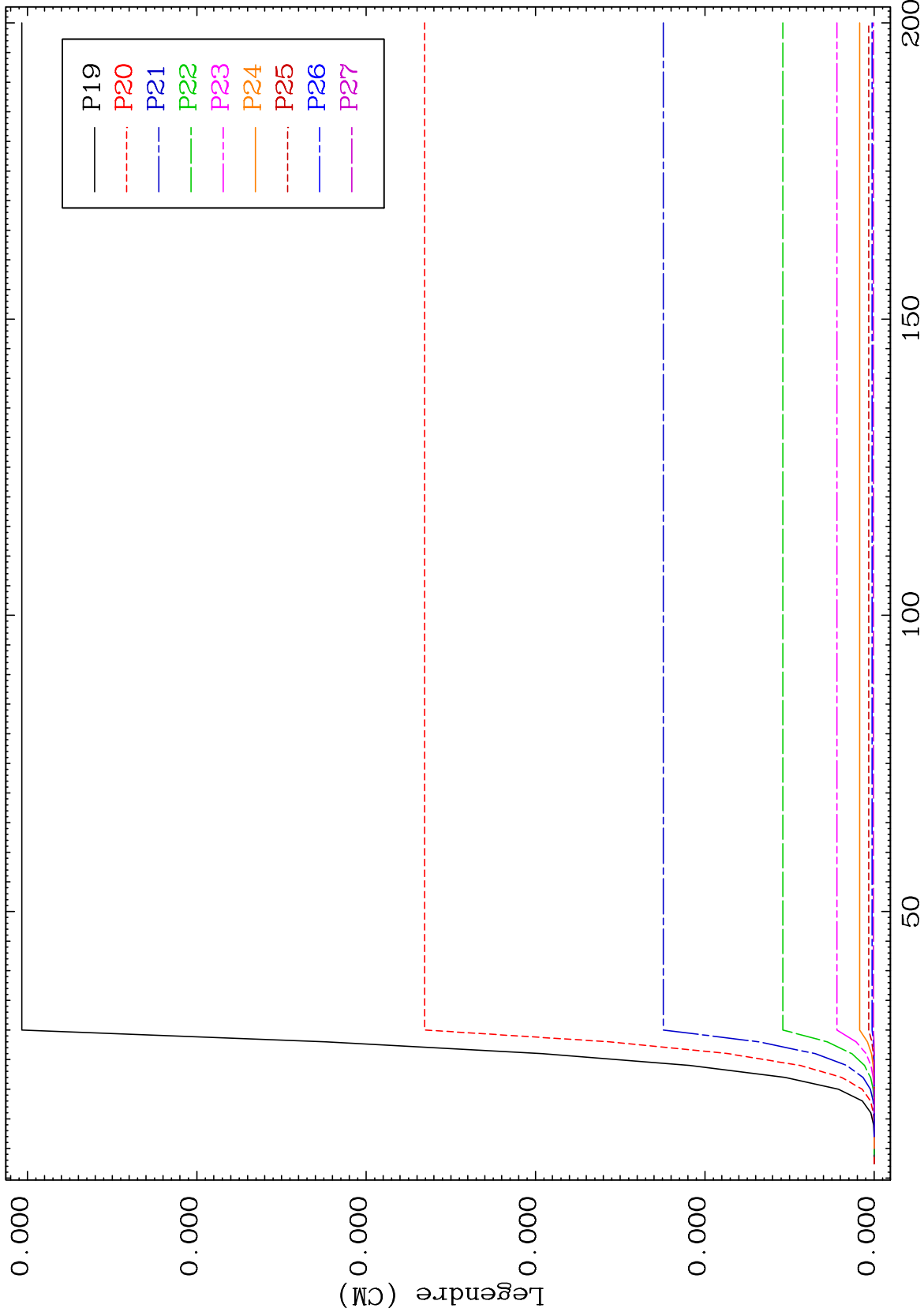
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



74

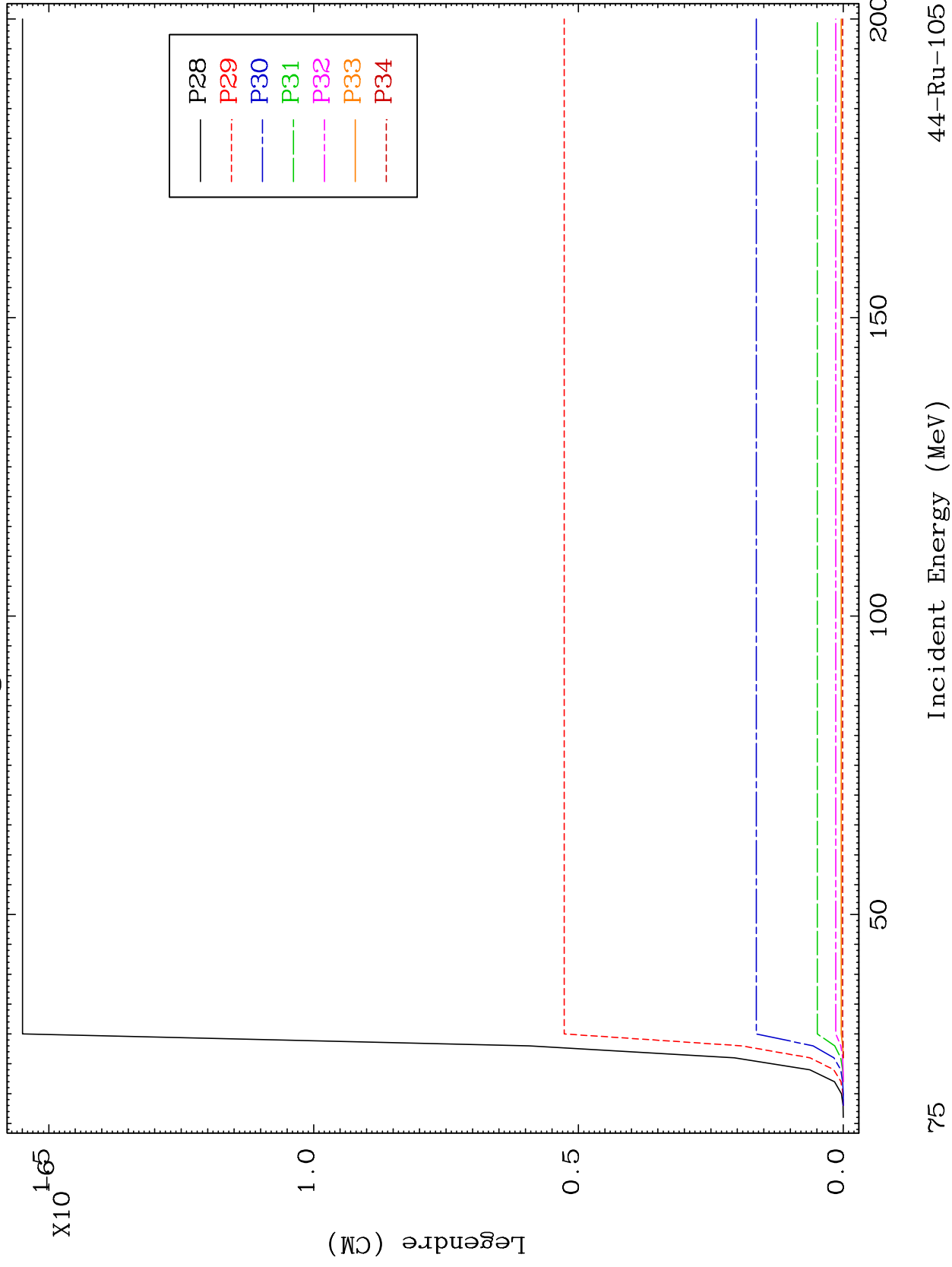
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



75

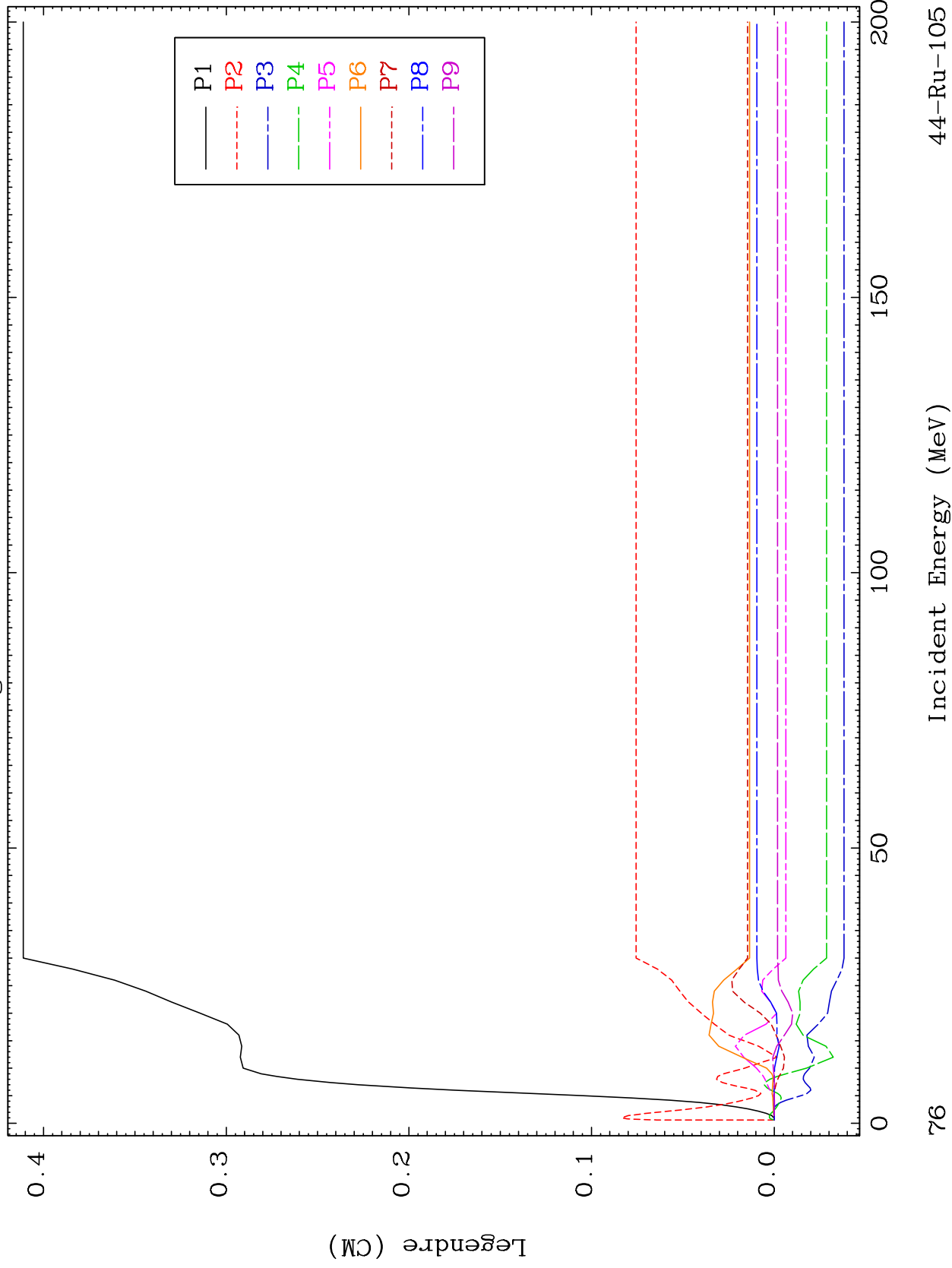
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



76

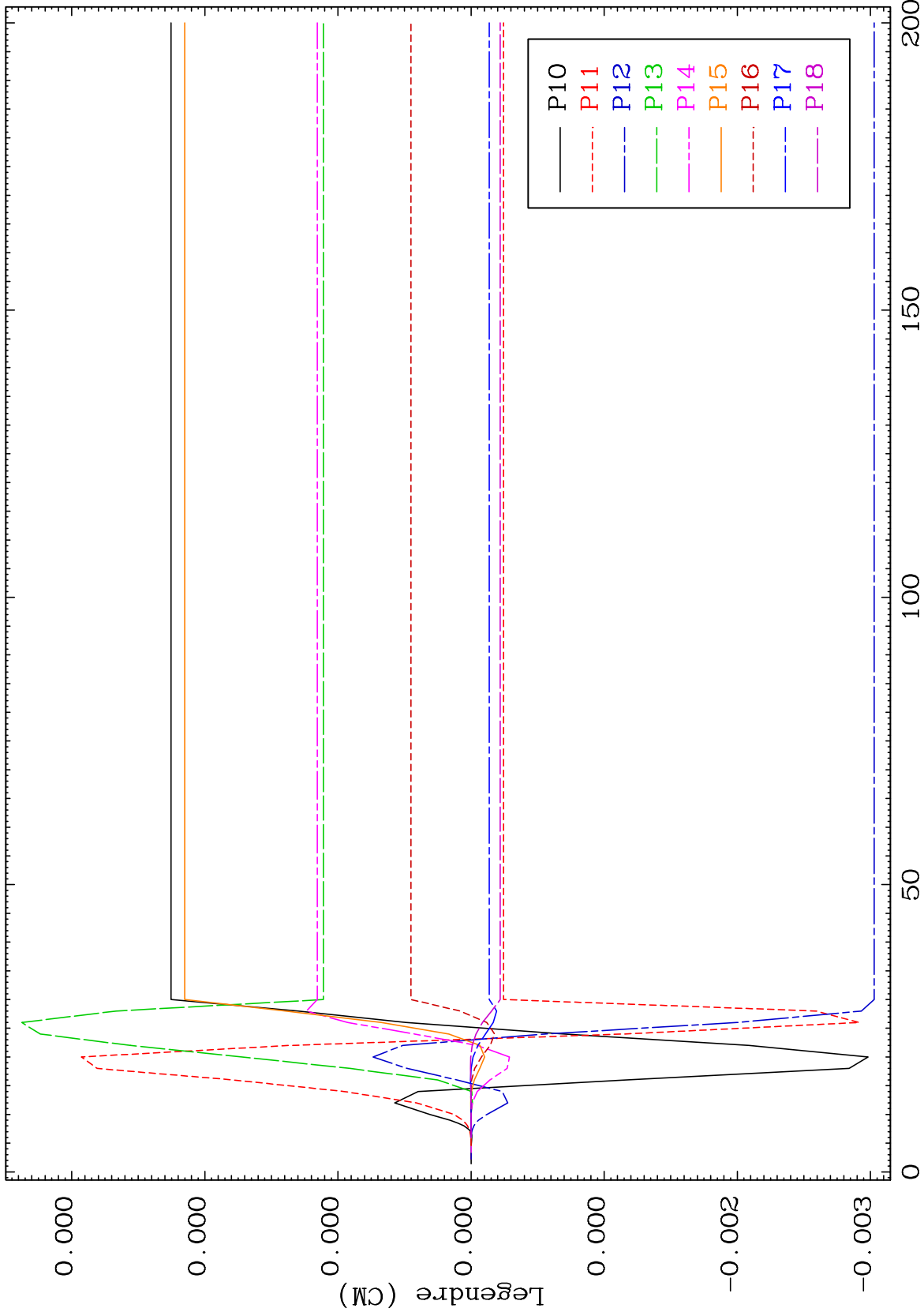
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



77

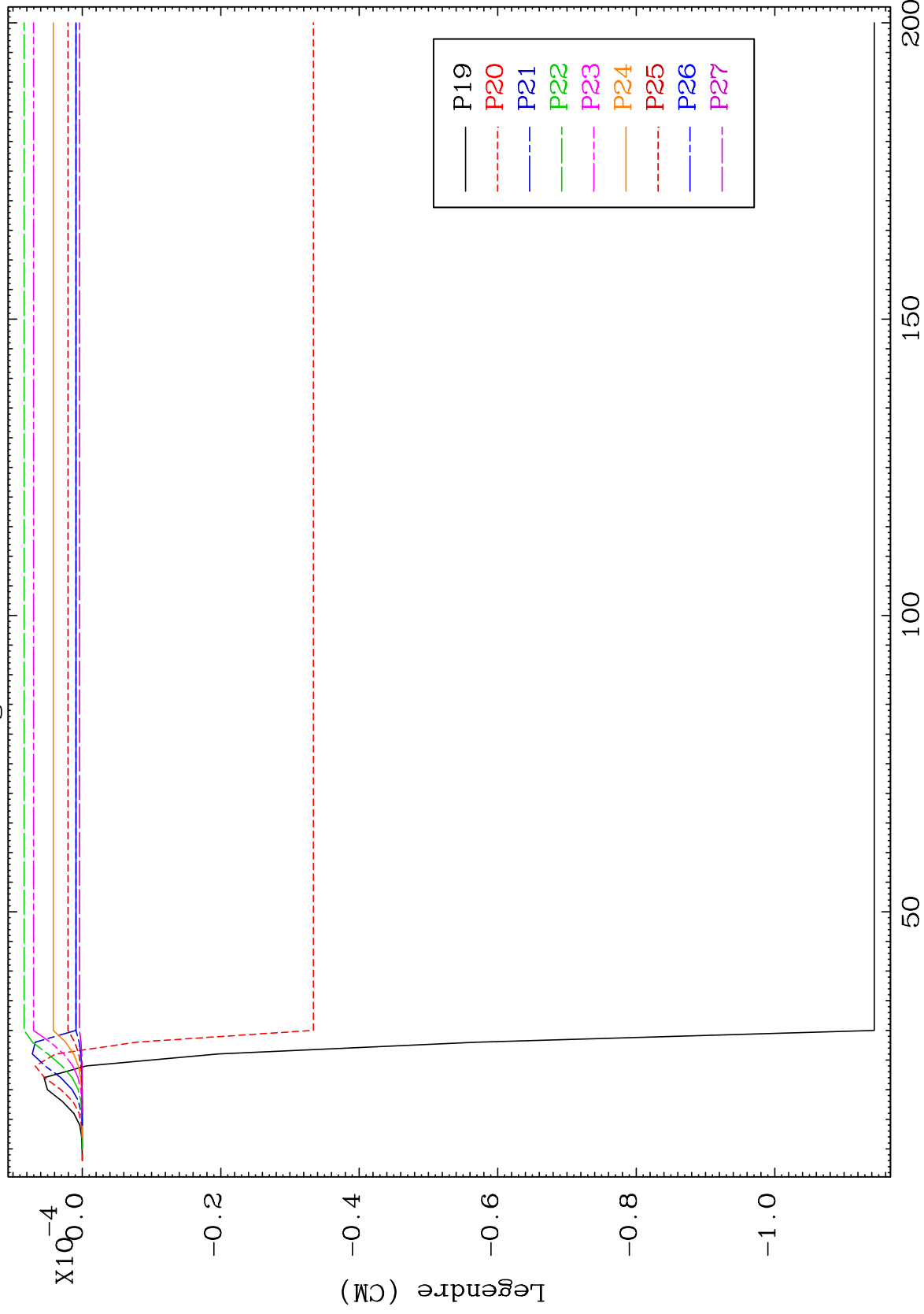
Incident Energy (MeV)

44-Ru-105

MAT 4452

44-Ru-105

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



78

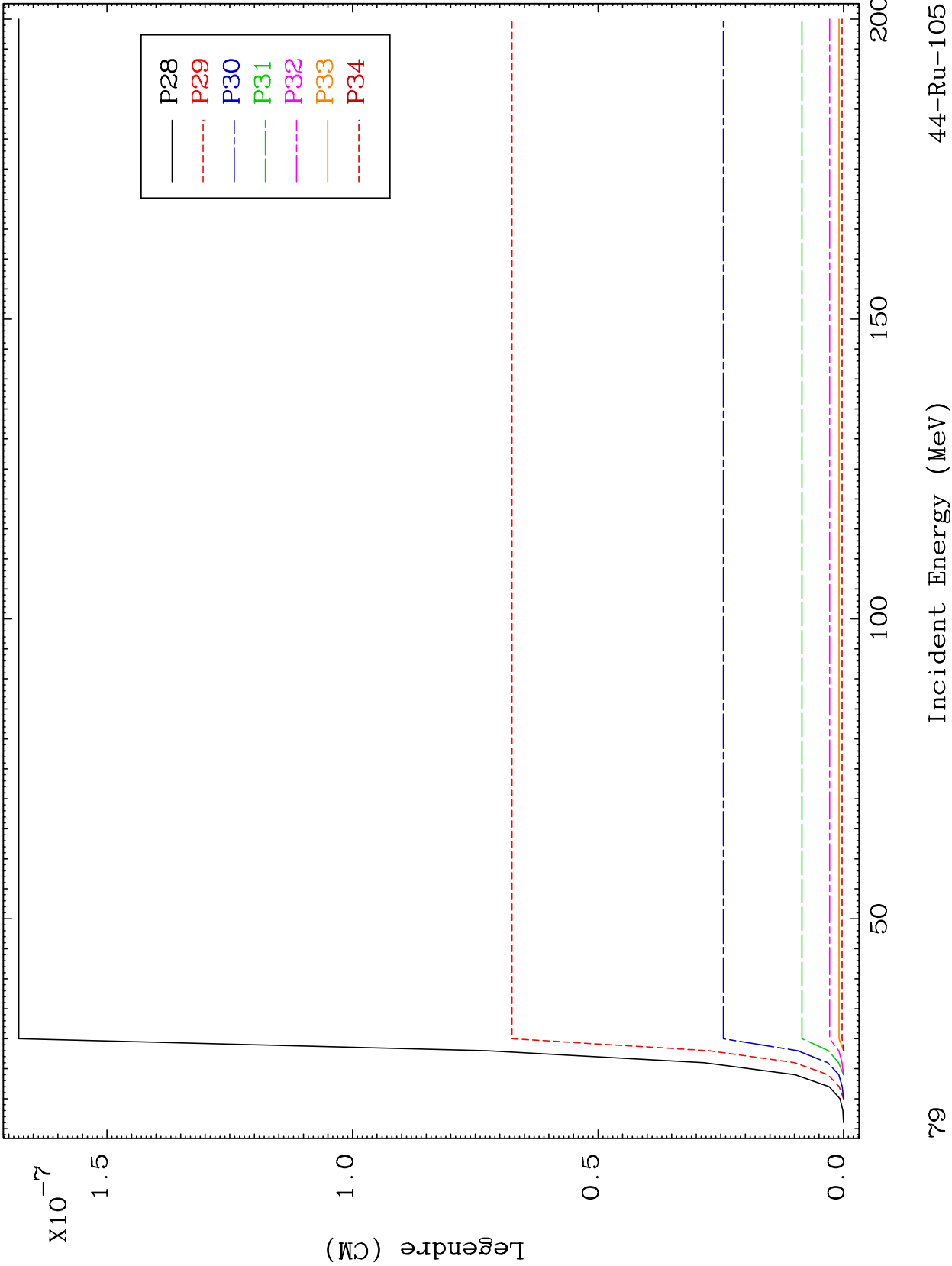
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



79

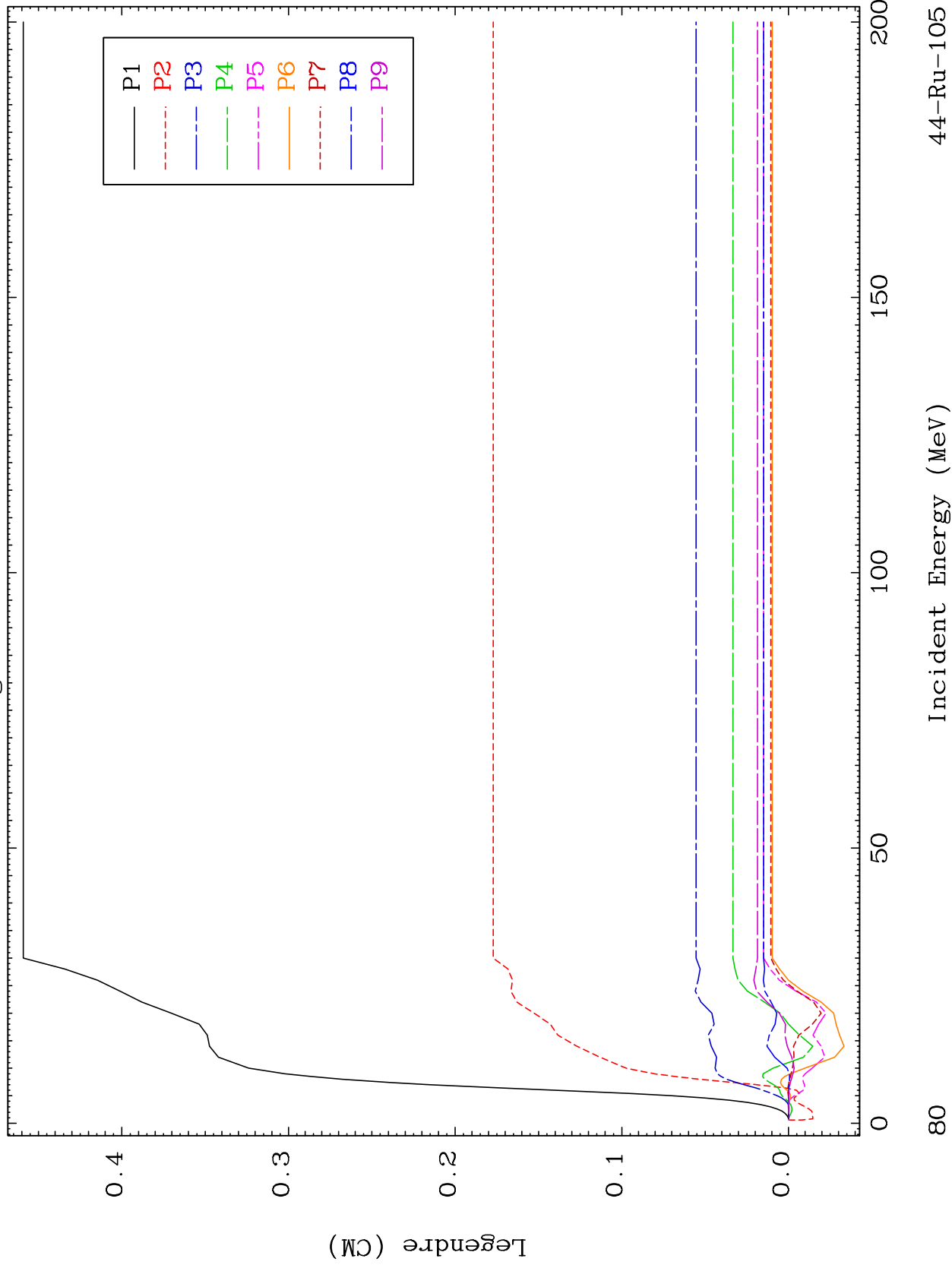
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

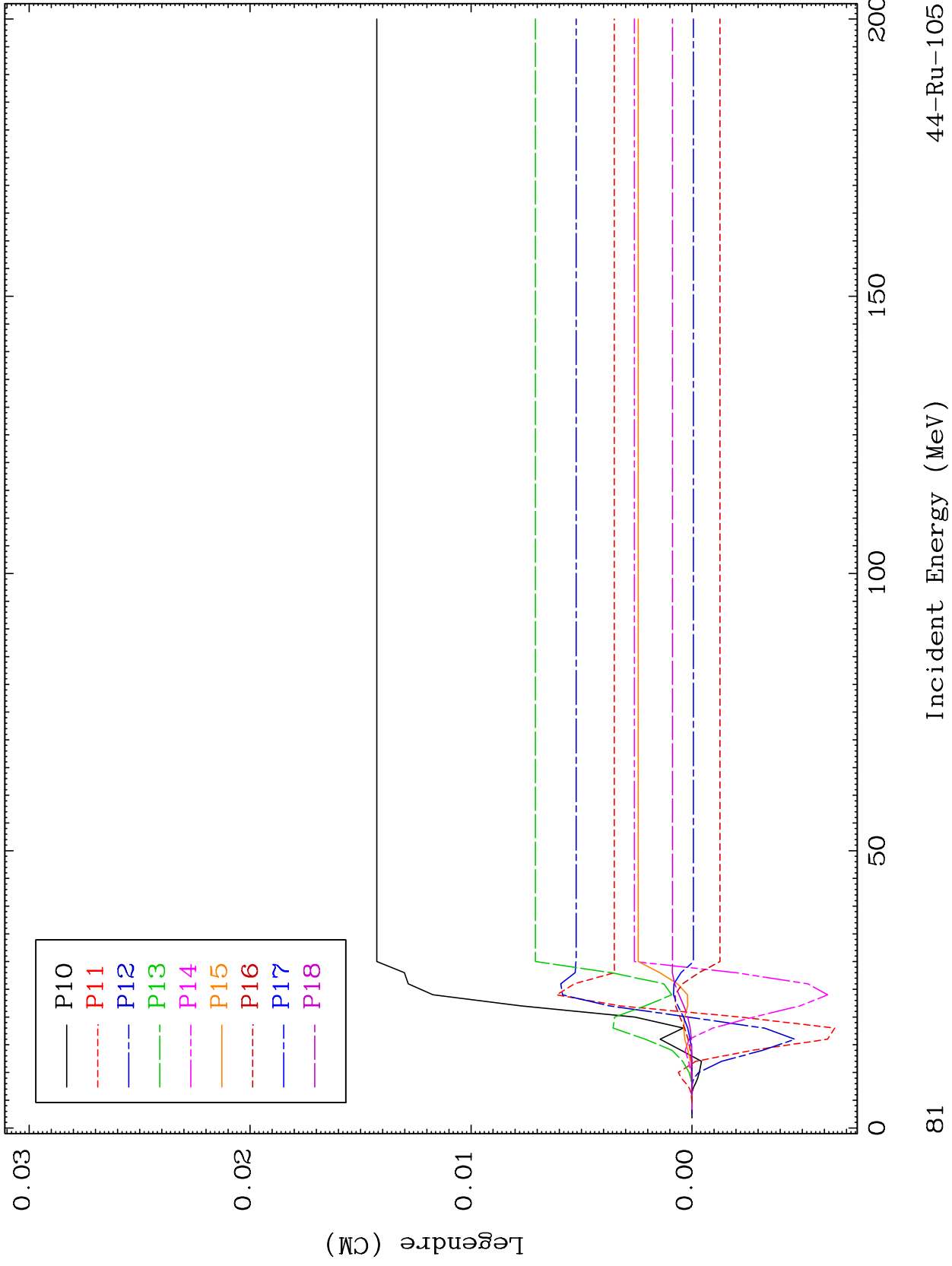
Incident Energy (MeV)

80

MAT 4452

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

44-Ru-105



81

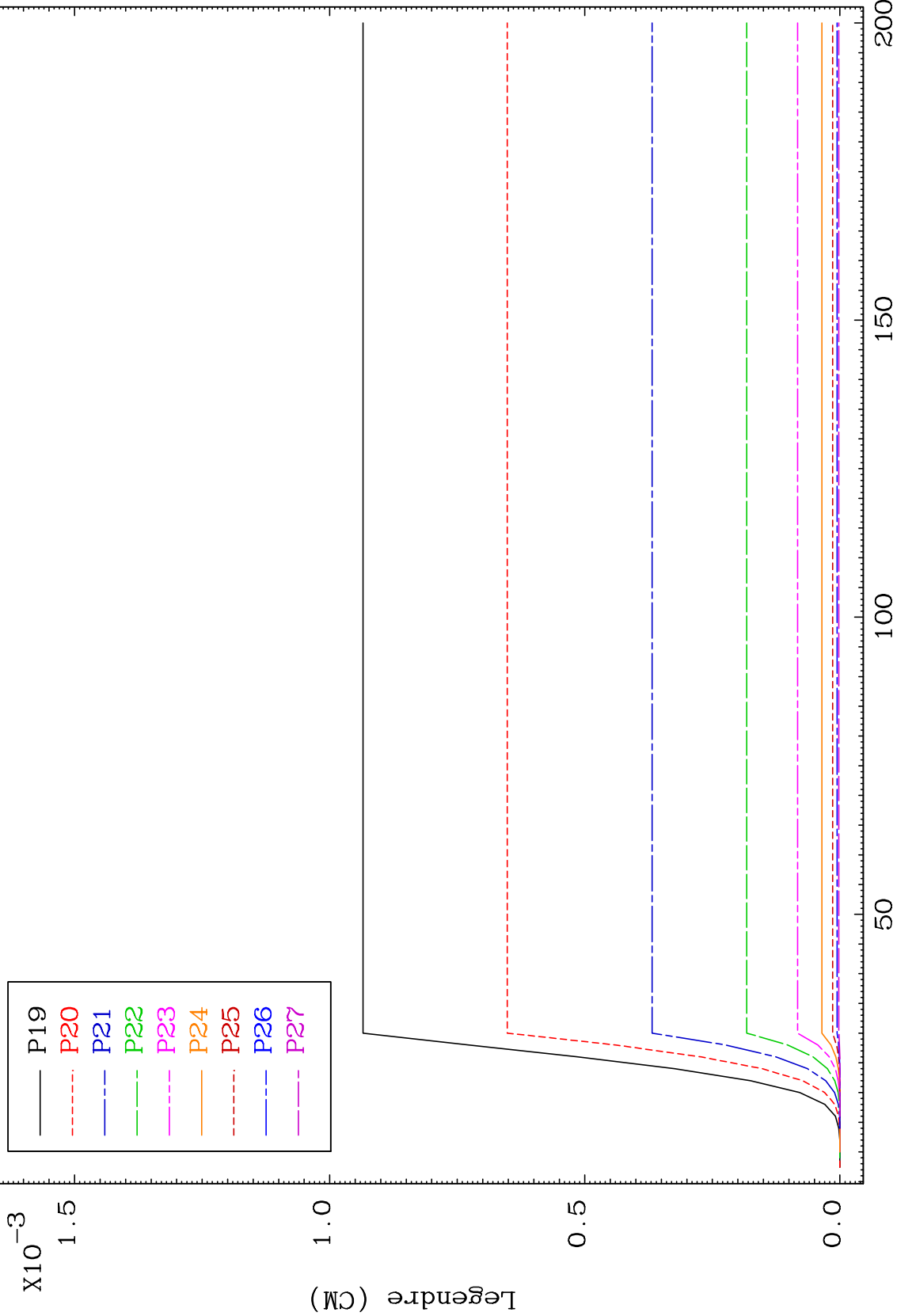
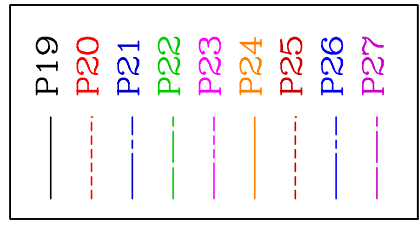
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



82

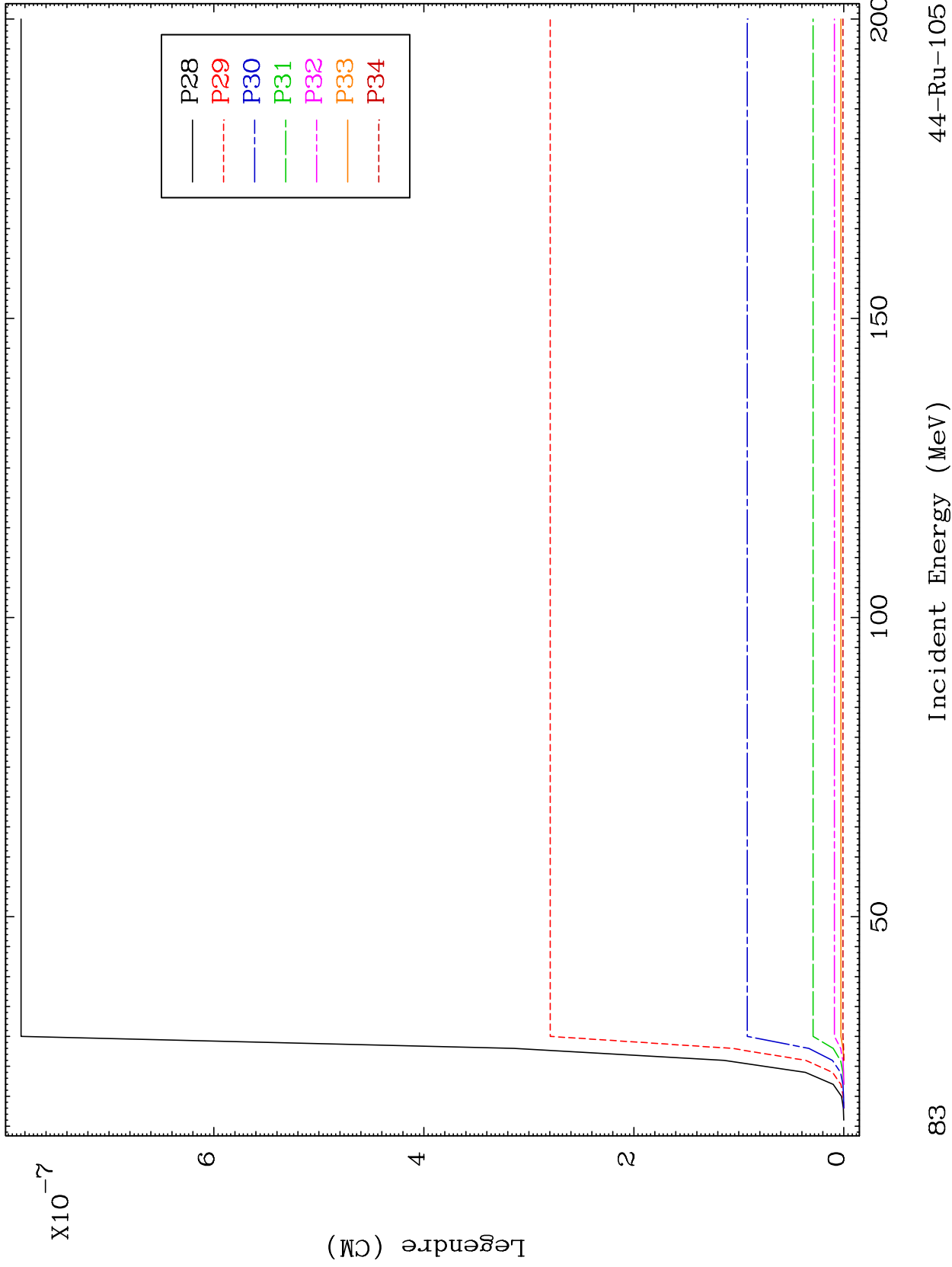
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

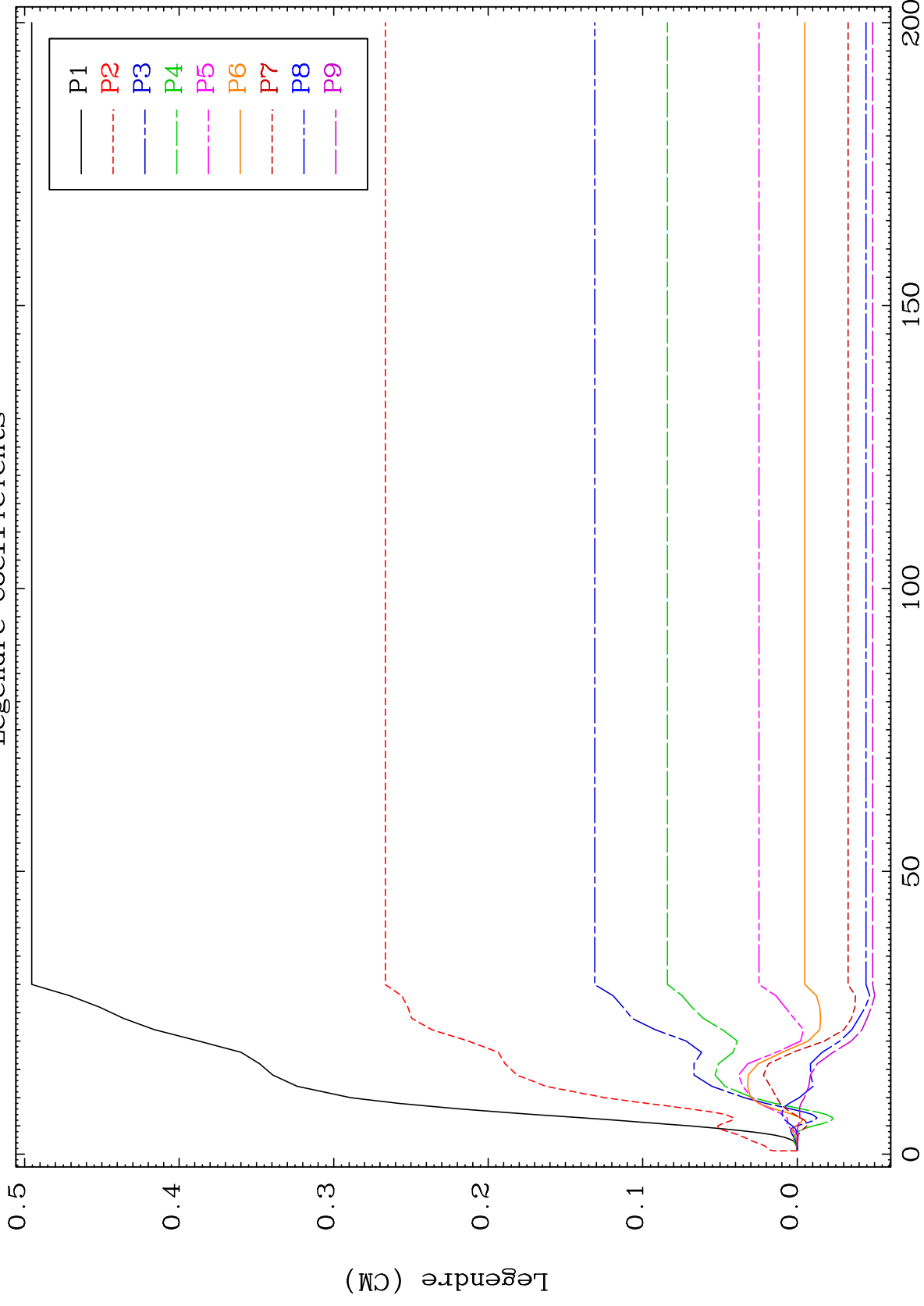
44-Ru-105



MAT 4452

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

44-Ru-105



84

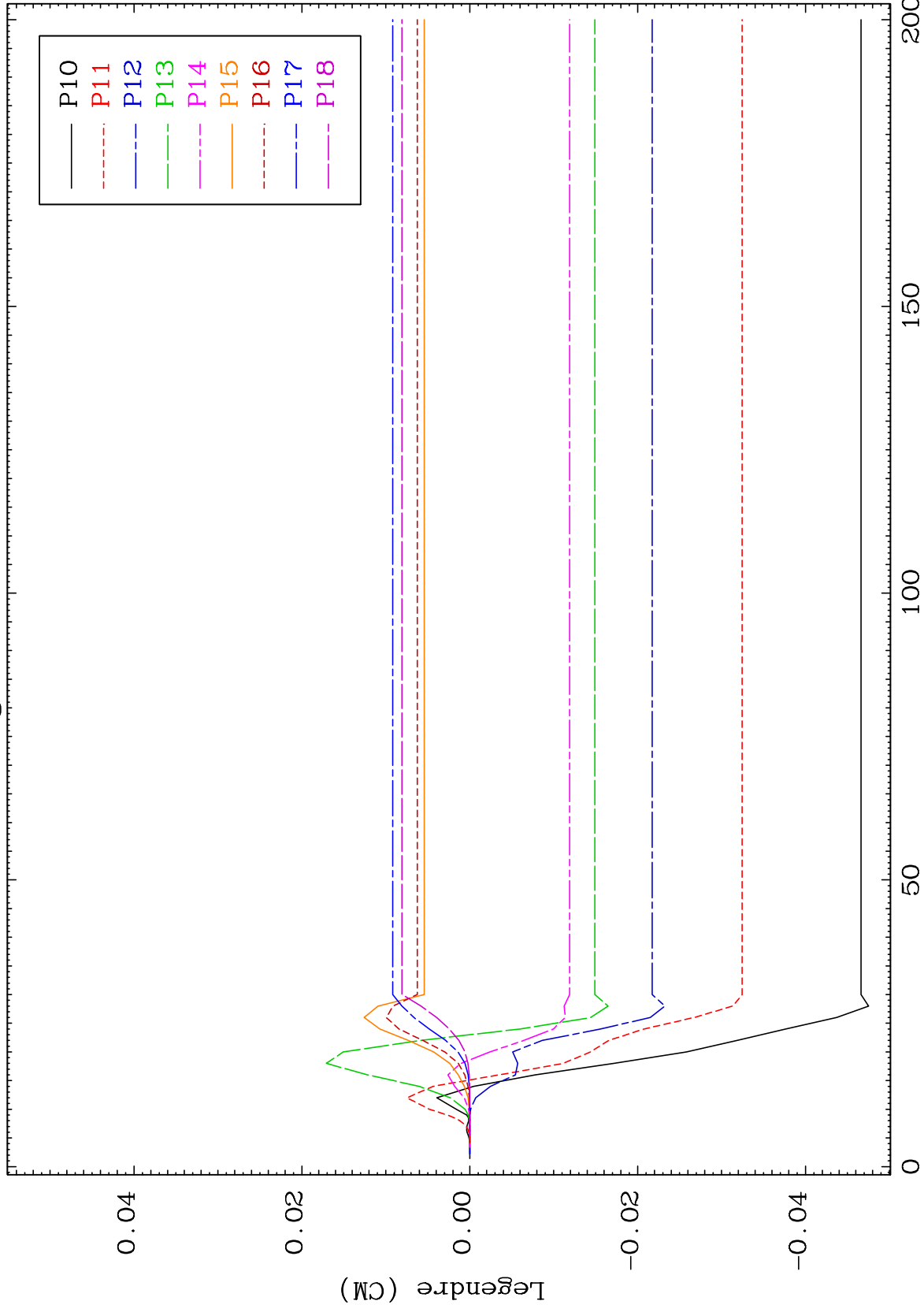
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



85

Incident Energy (MeV)

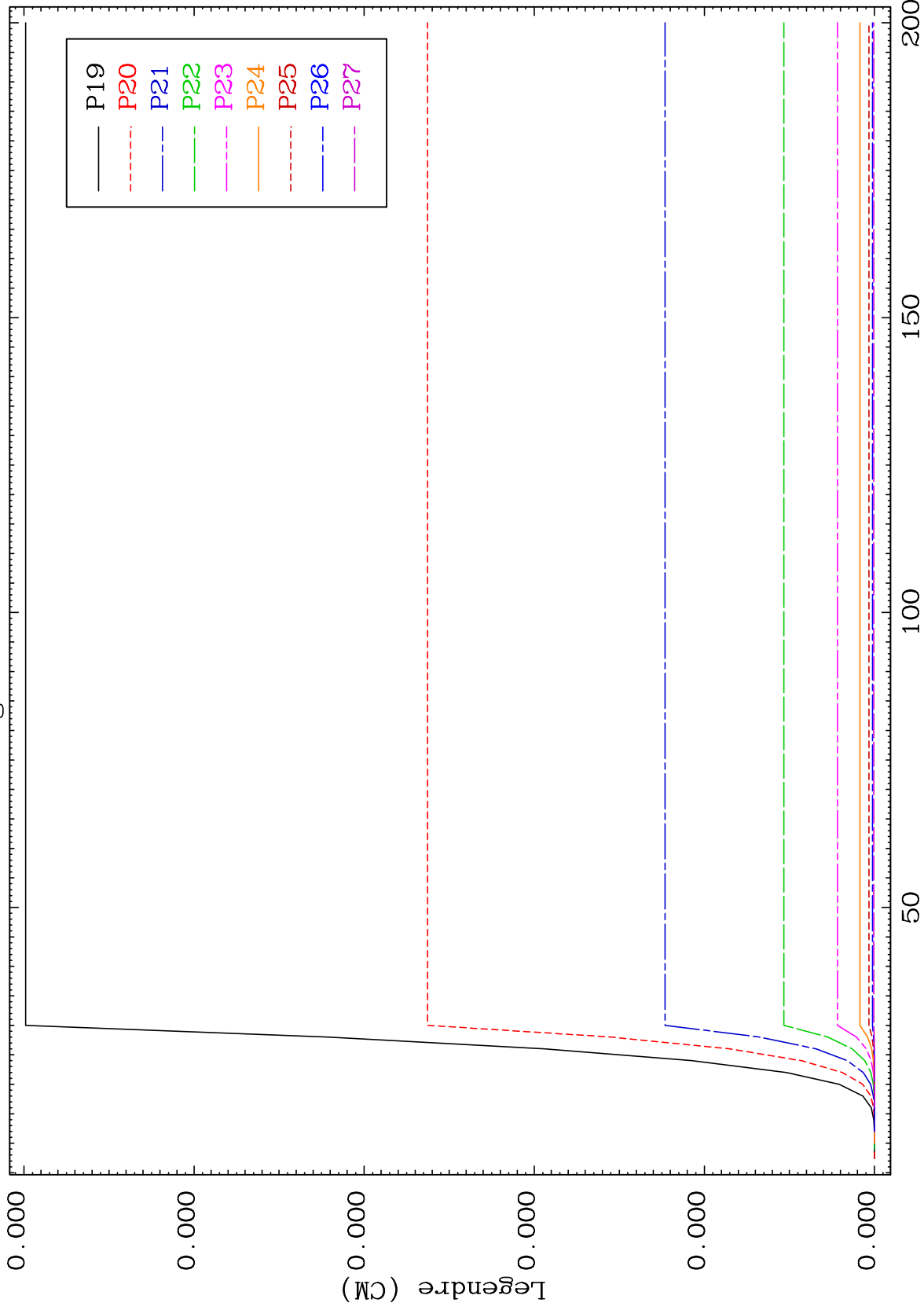
44-Ru-105

MAT 4452

MT= 67 (n,n') Level

44-Ru-105

Legendre Coefficients



86

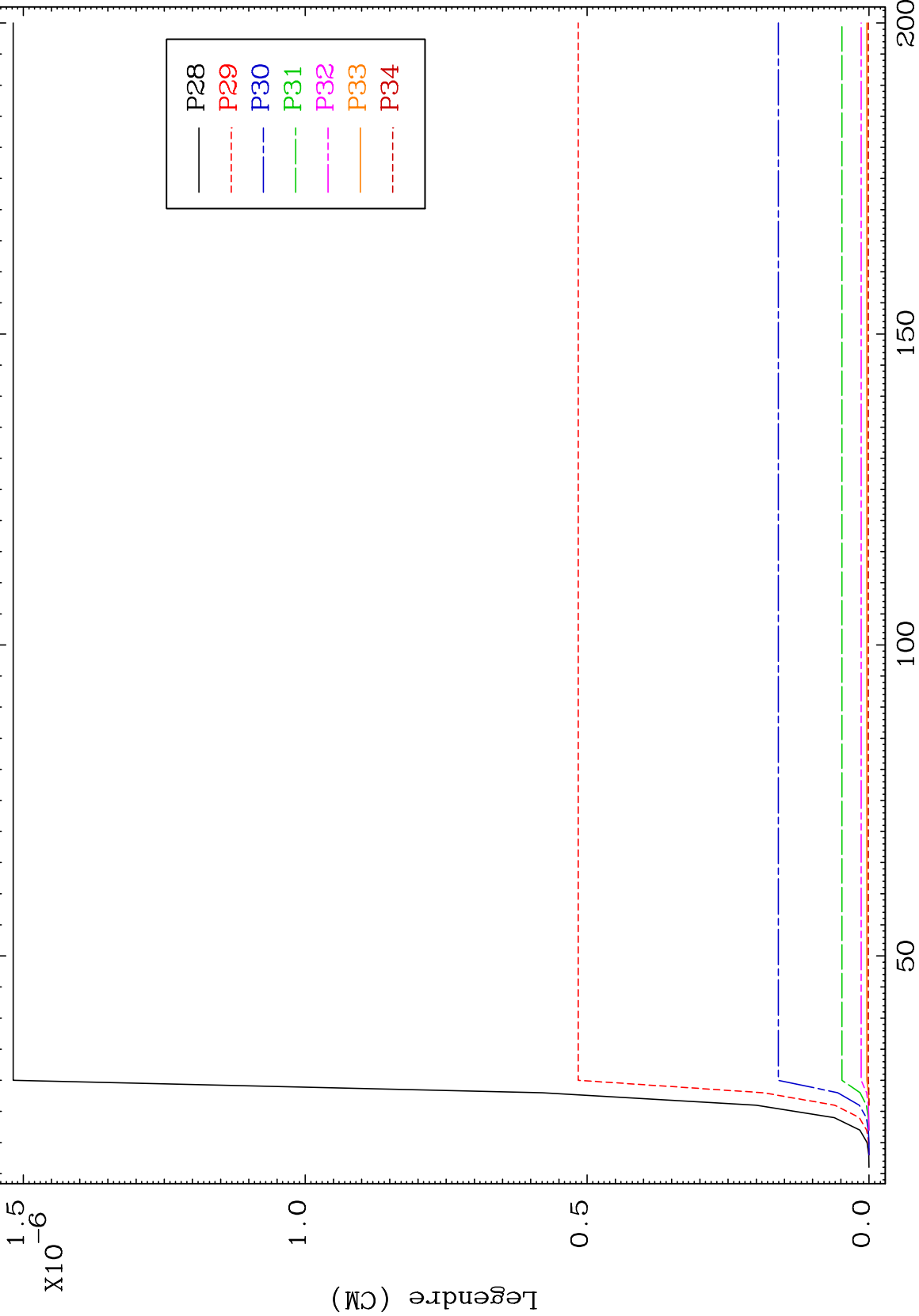
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

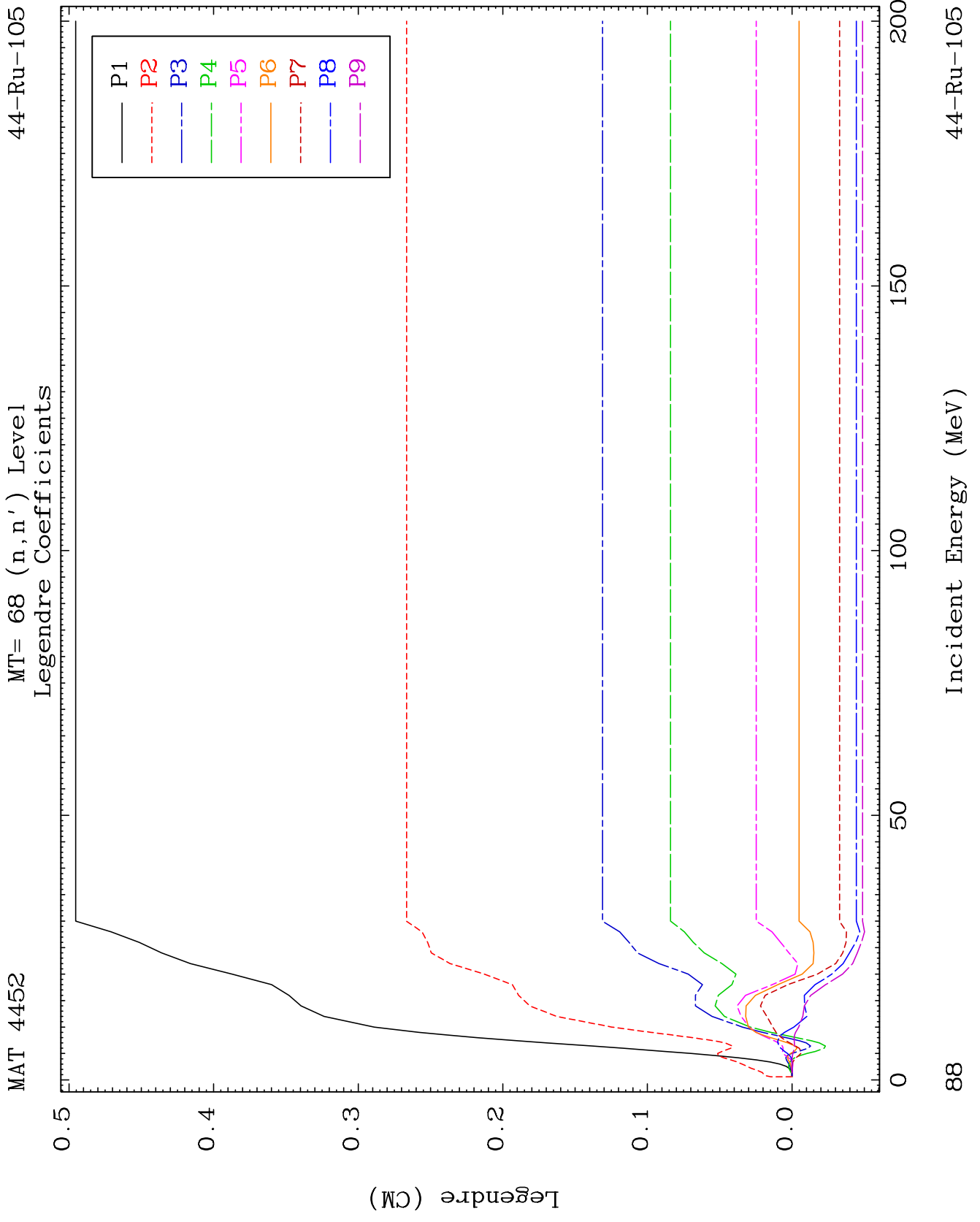
44-Ru-105



87

Incident Energy (MeV)

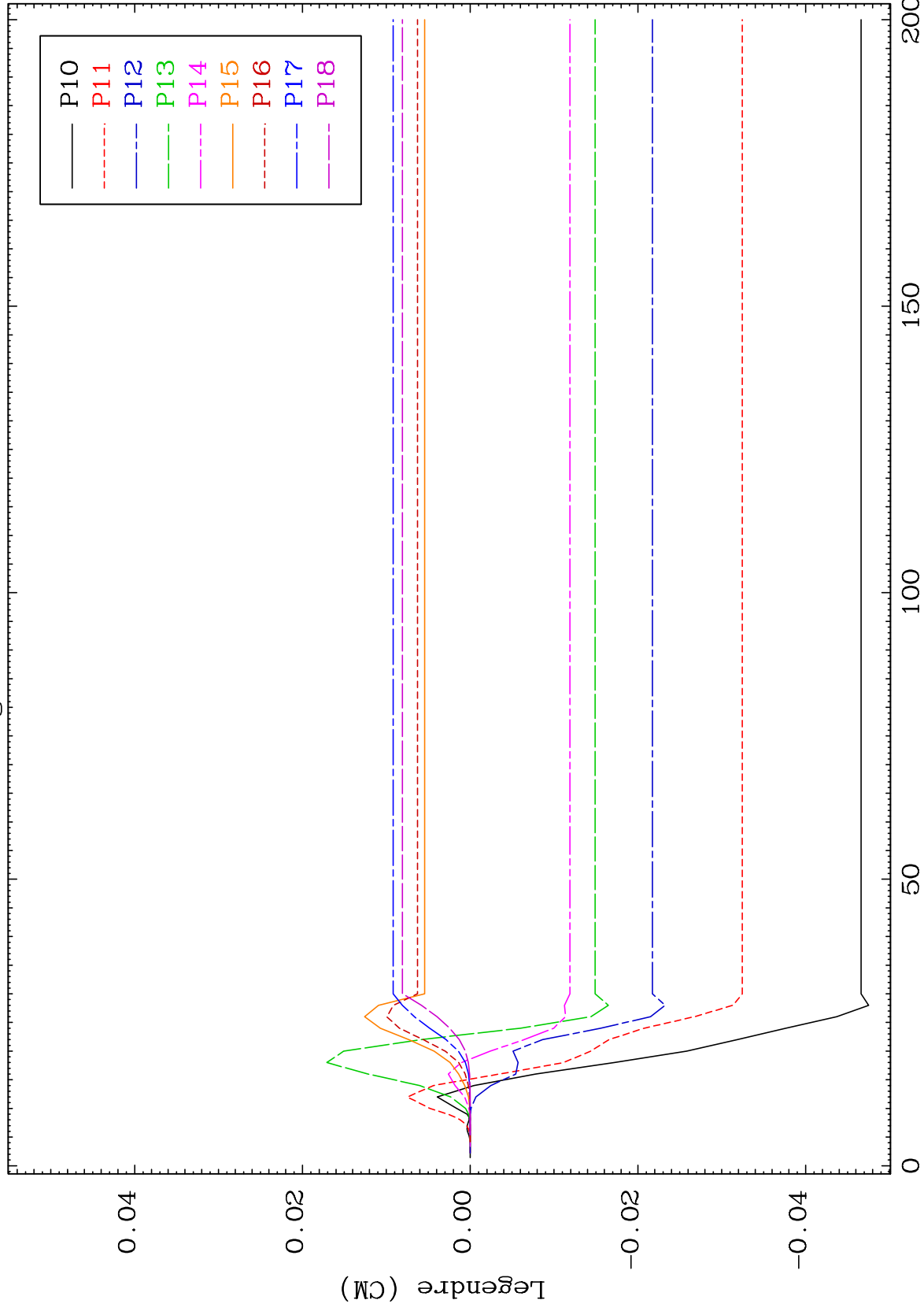
44-Ru-105



MAT 4452

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

44-Ru-105



89

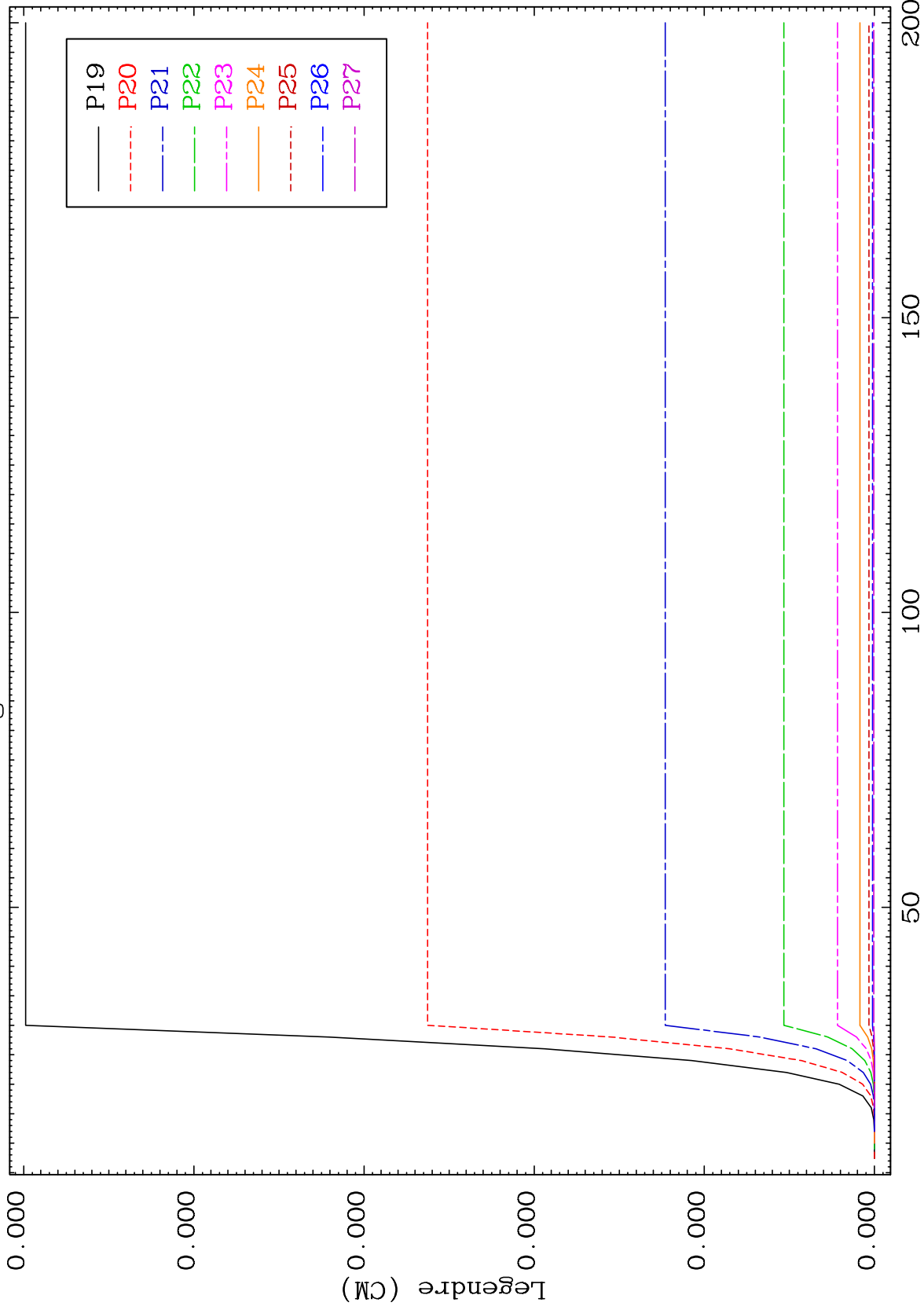
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



90

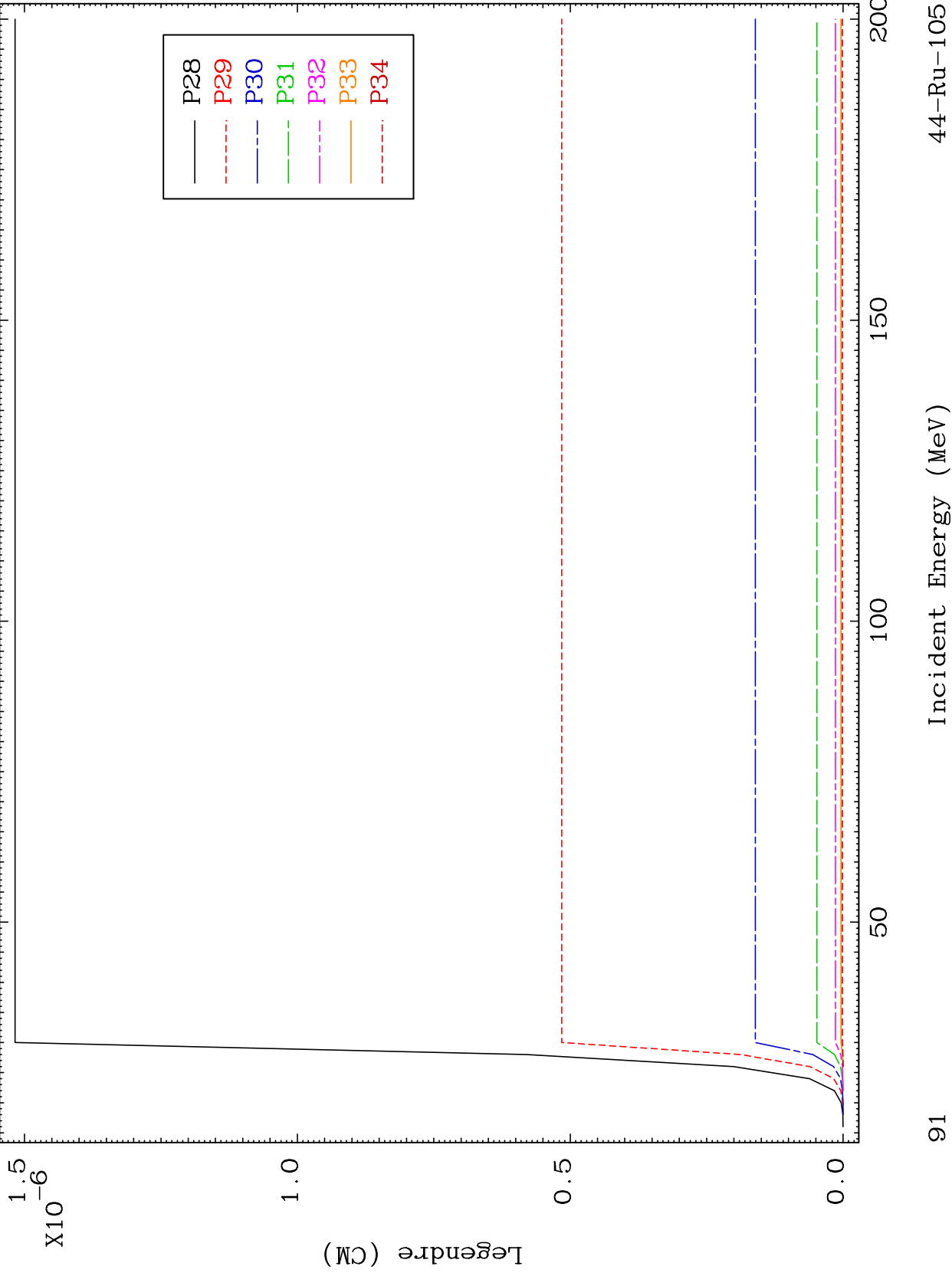
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

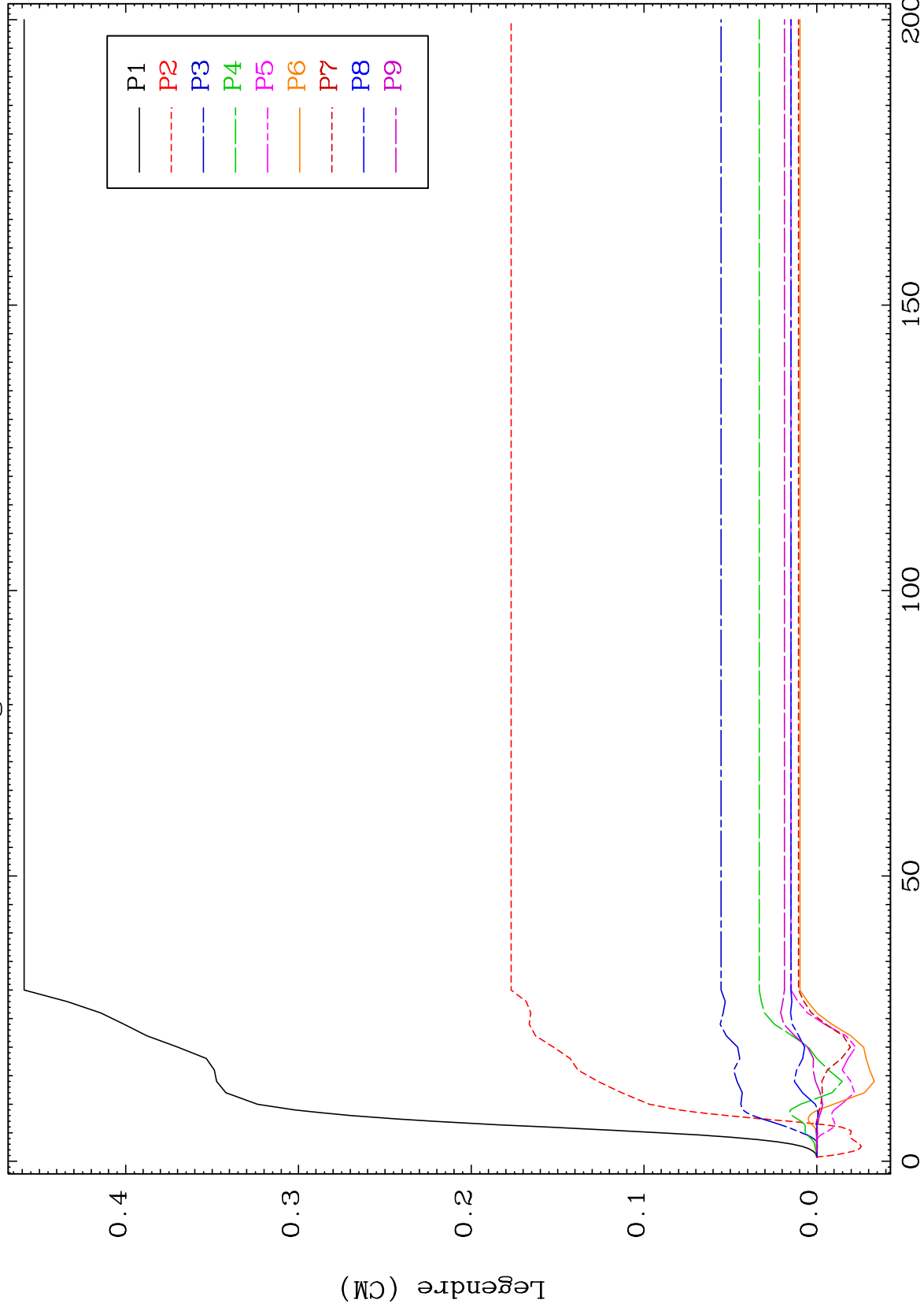
44-Ru-105



MAT 4452

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

44-Ru-105



92

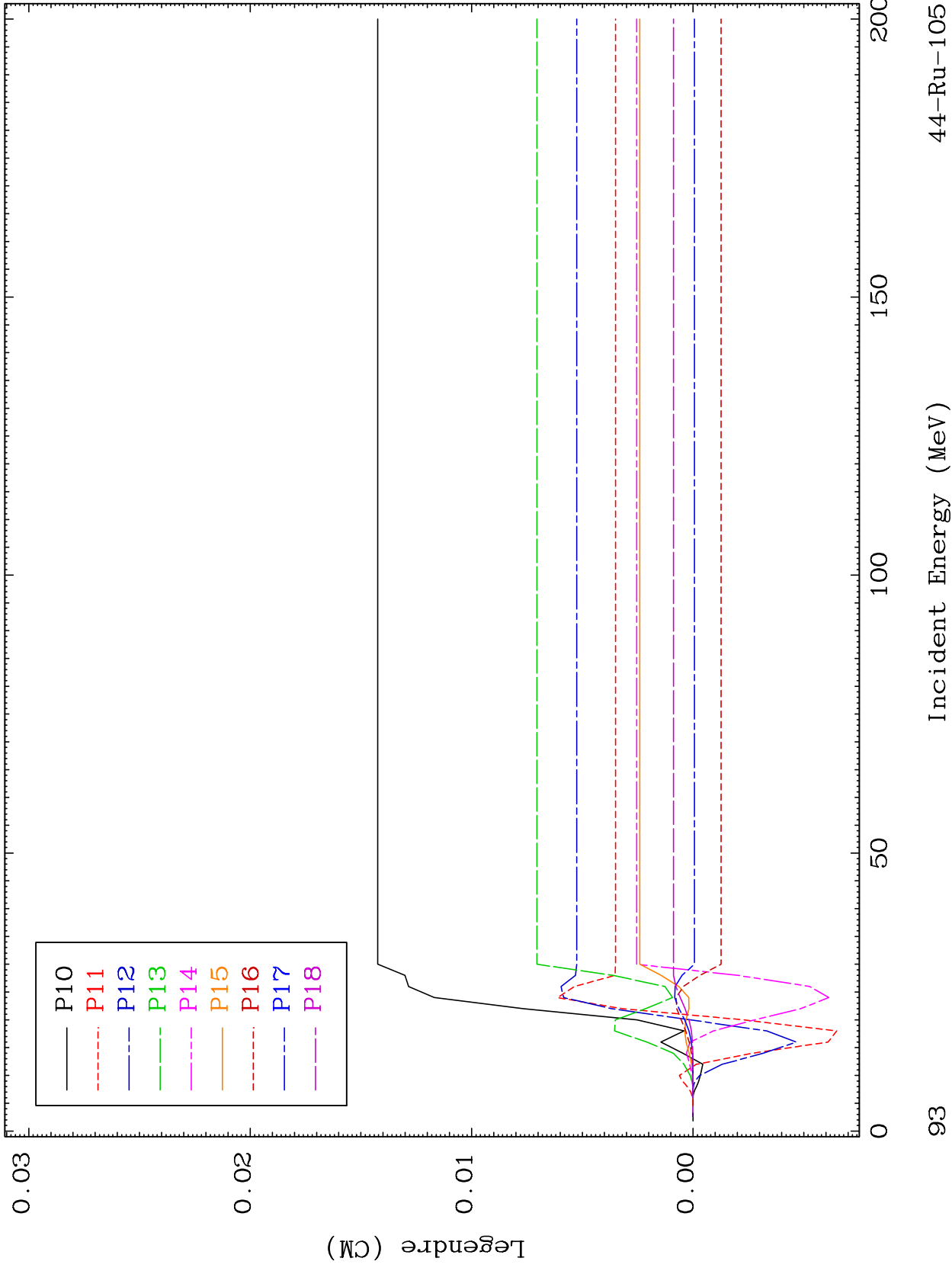
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



93

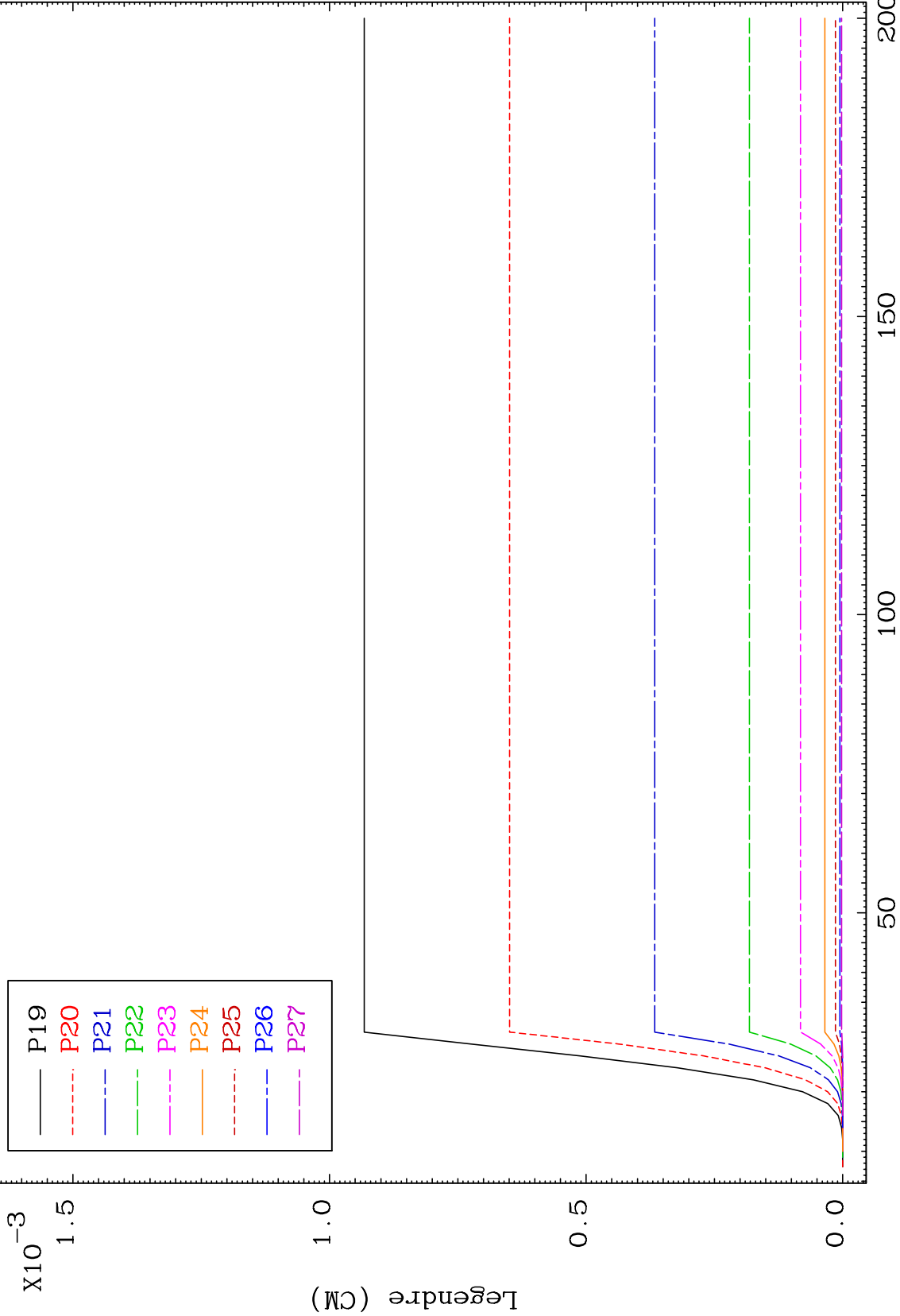
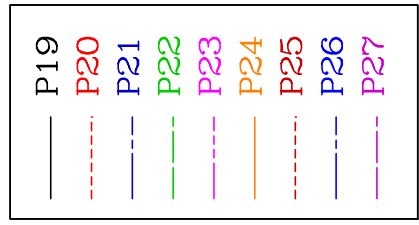
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



94

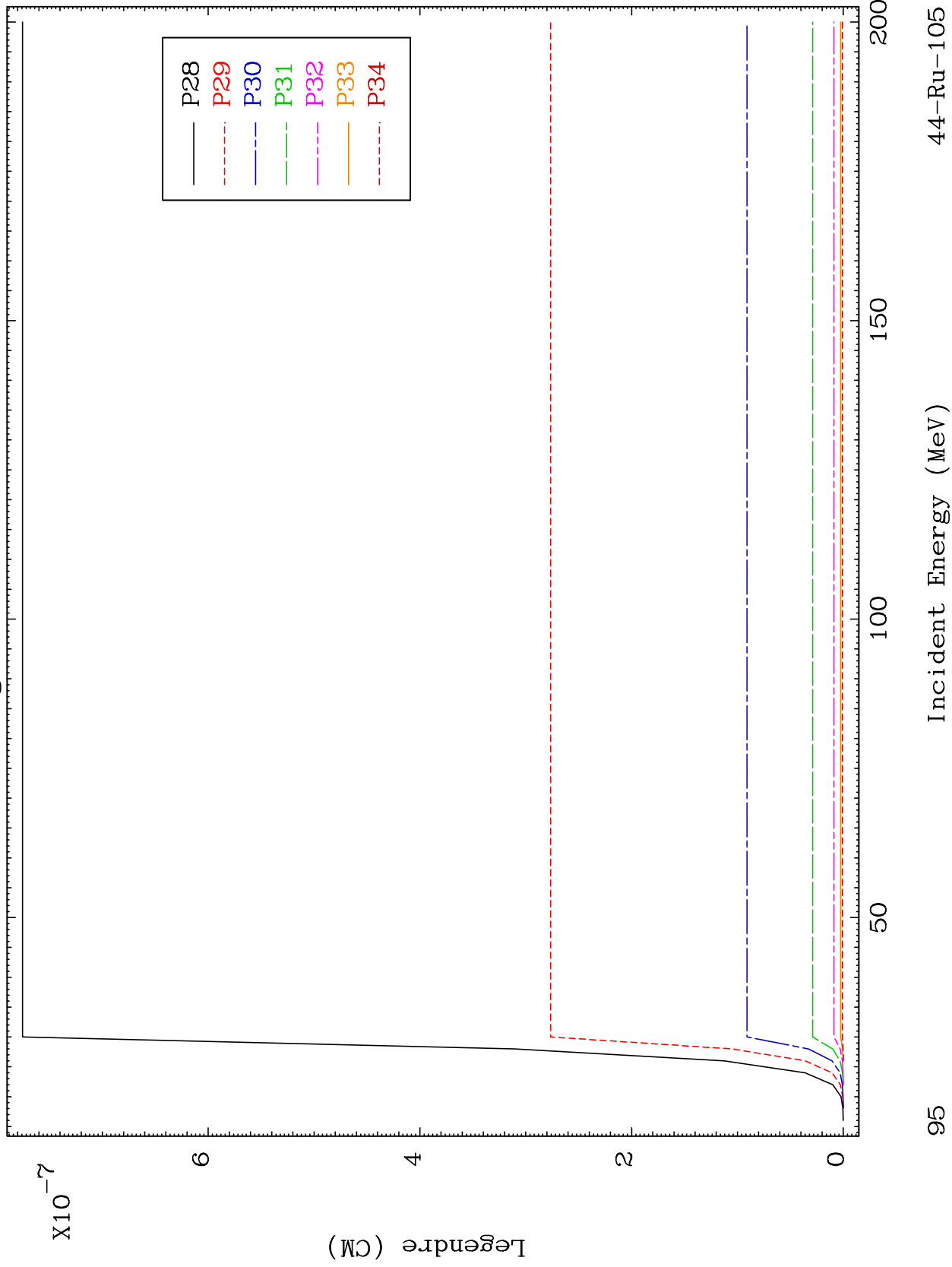
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

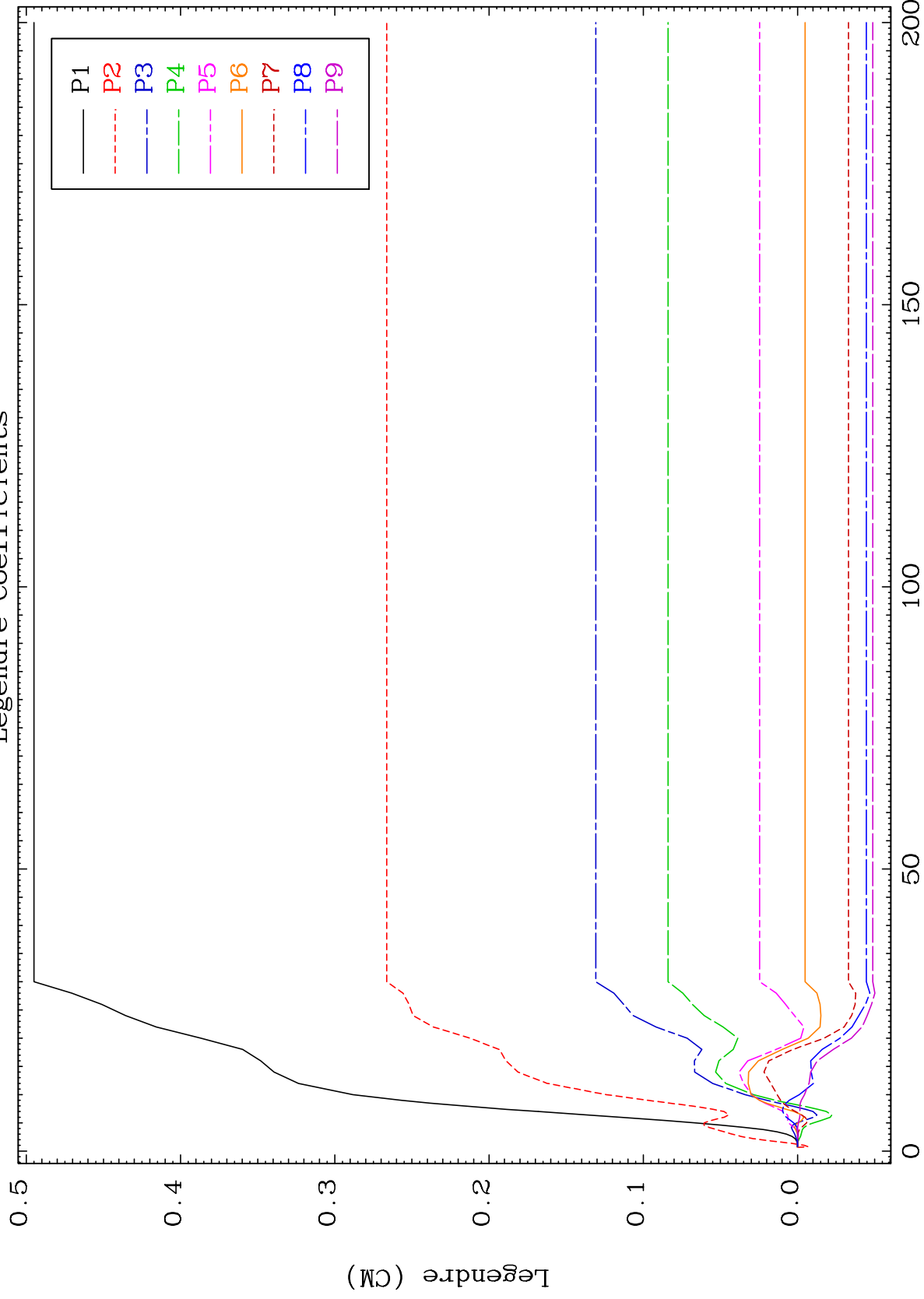
44-Ru-105



MAT 4452

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

44-Ru-105



96

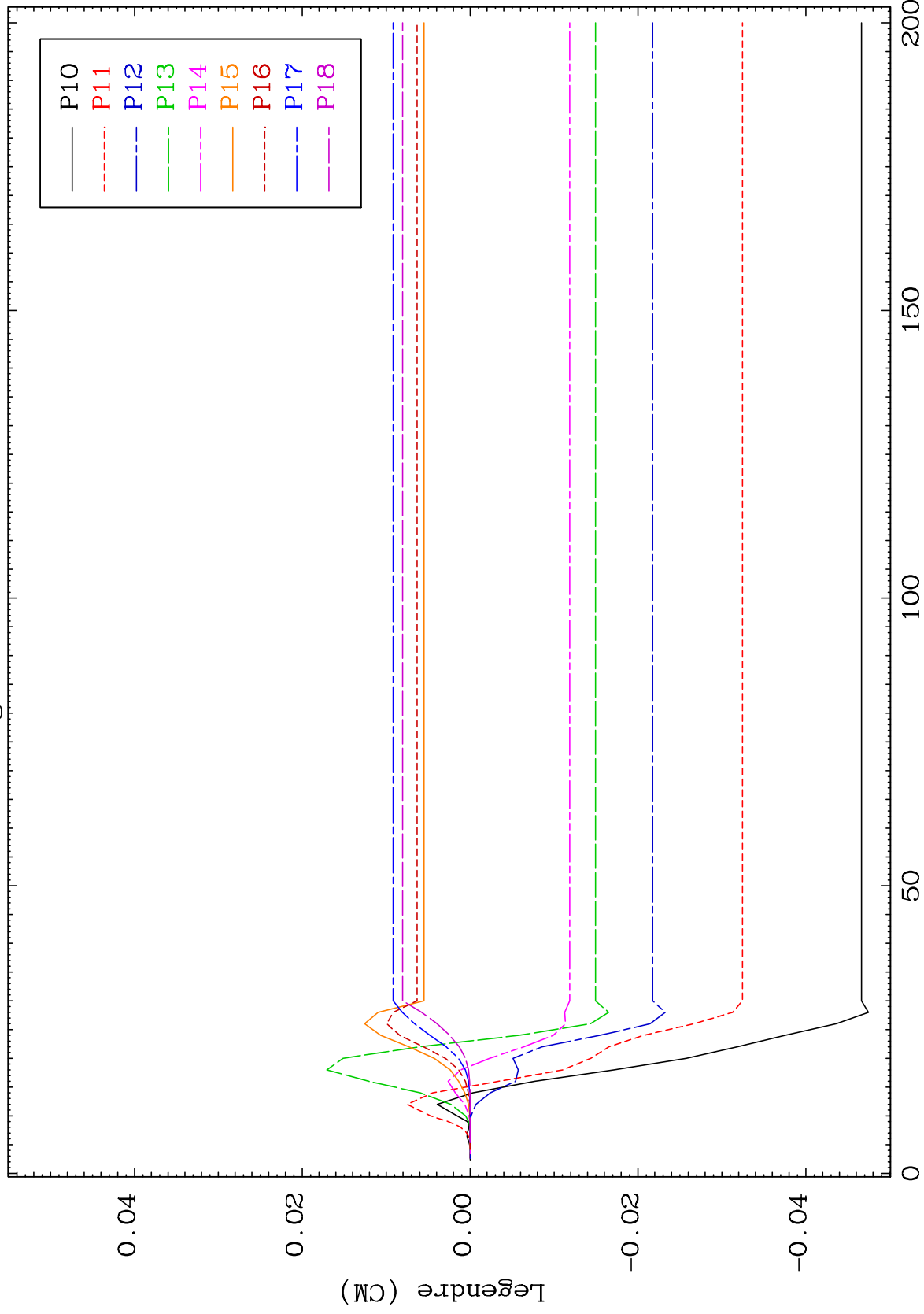
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



97

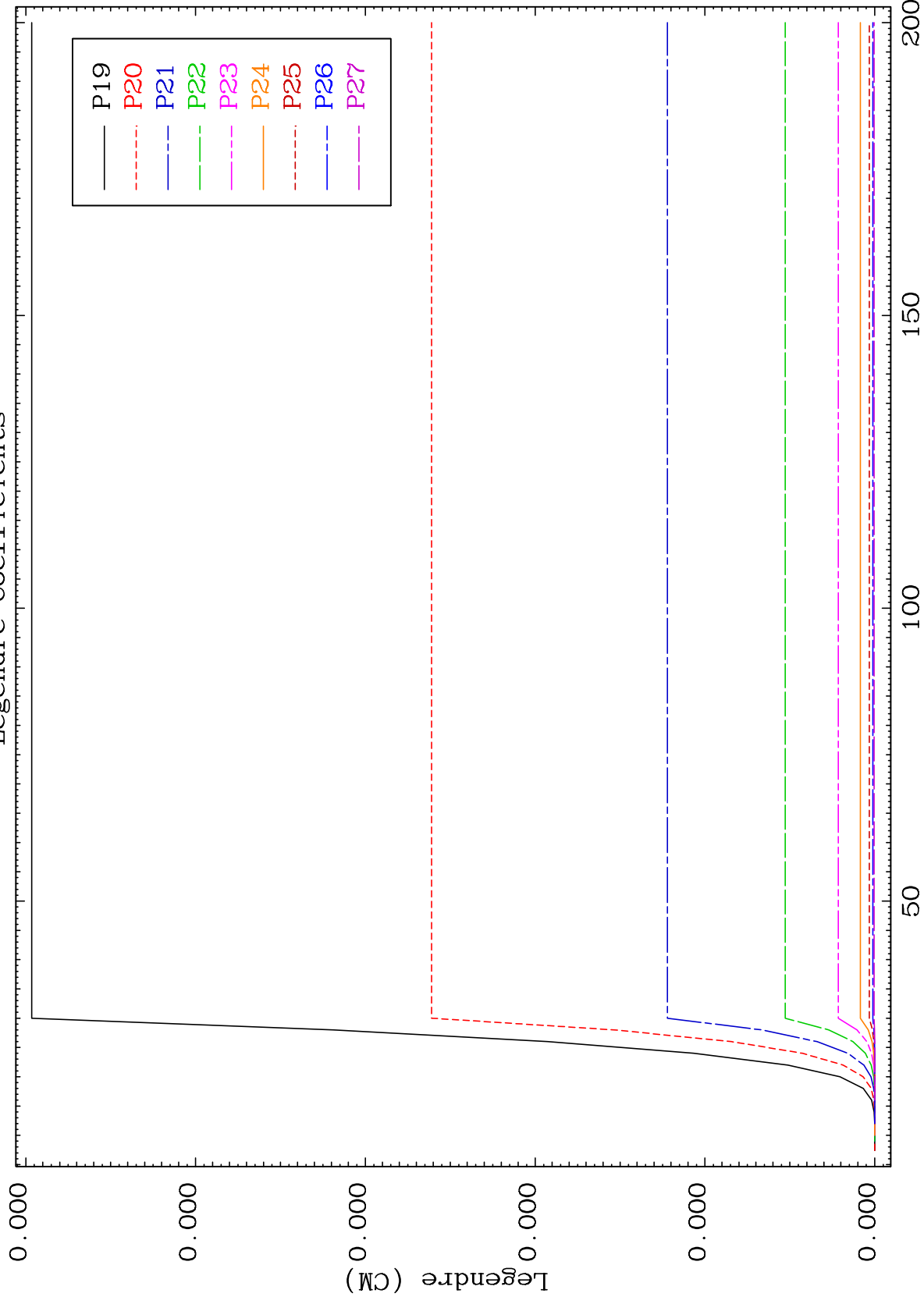
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



98

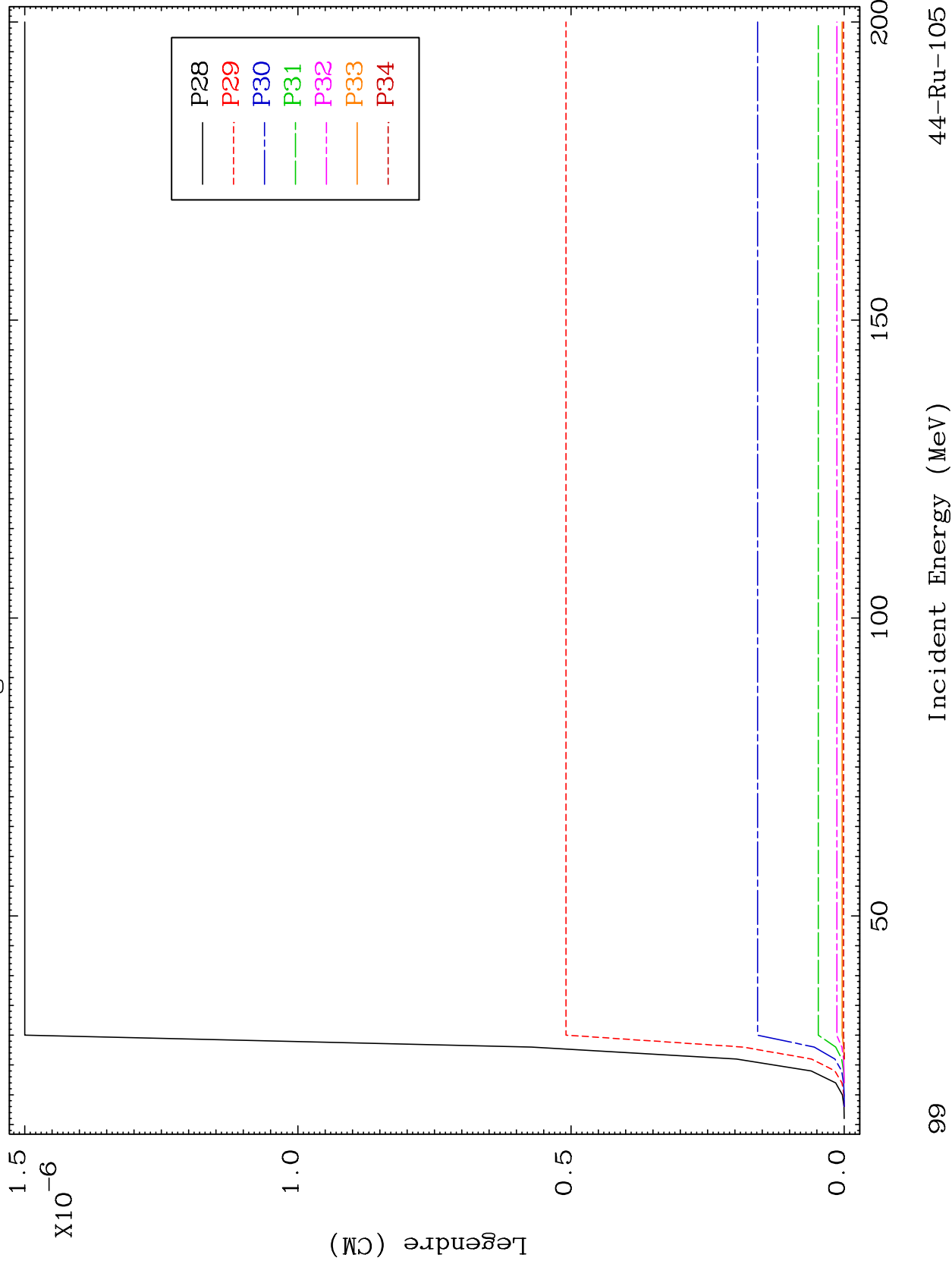
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

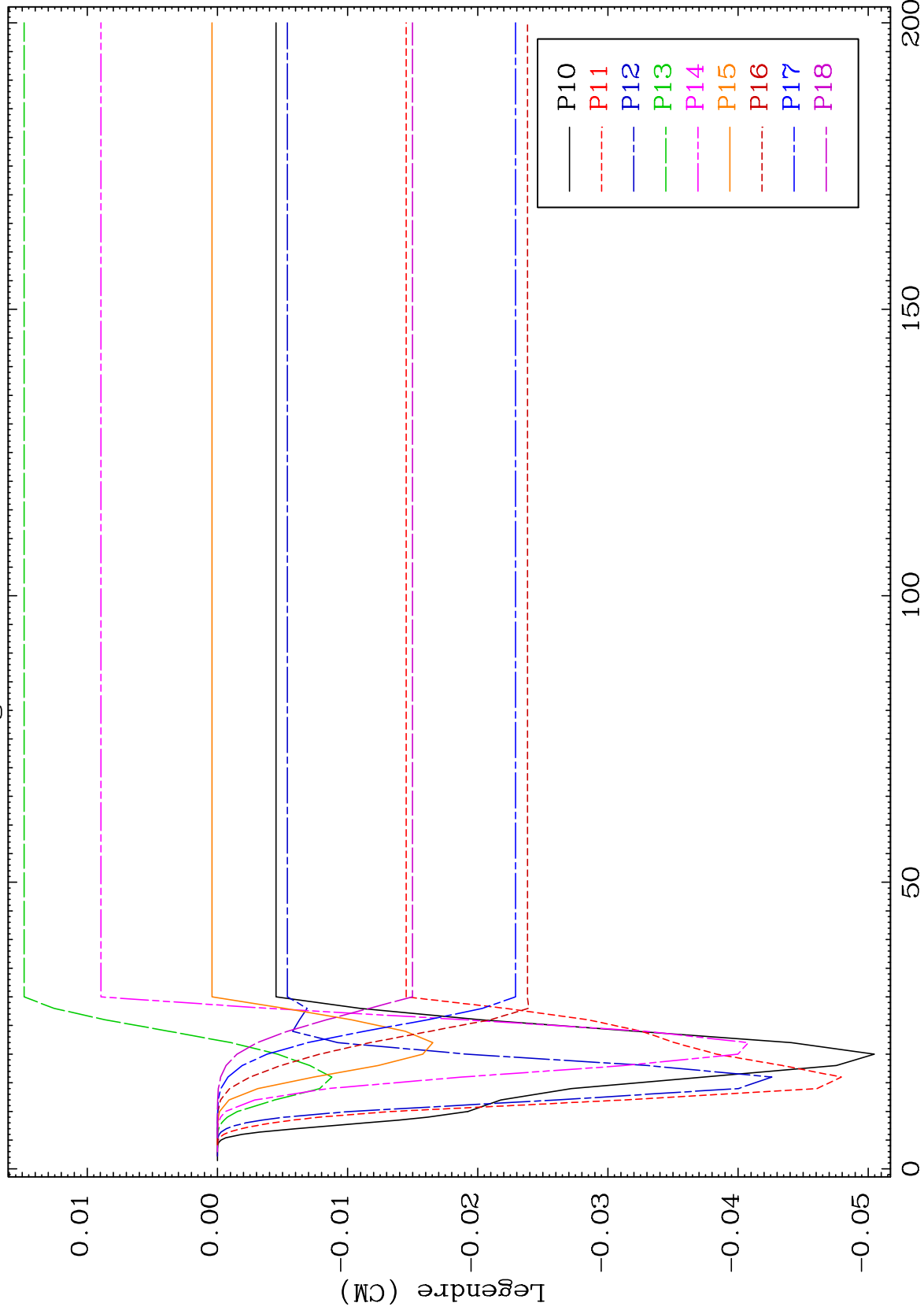


99

MAT 4452

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

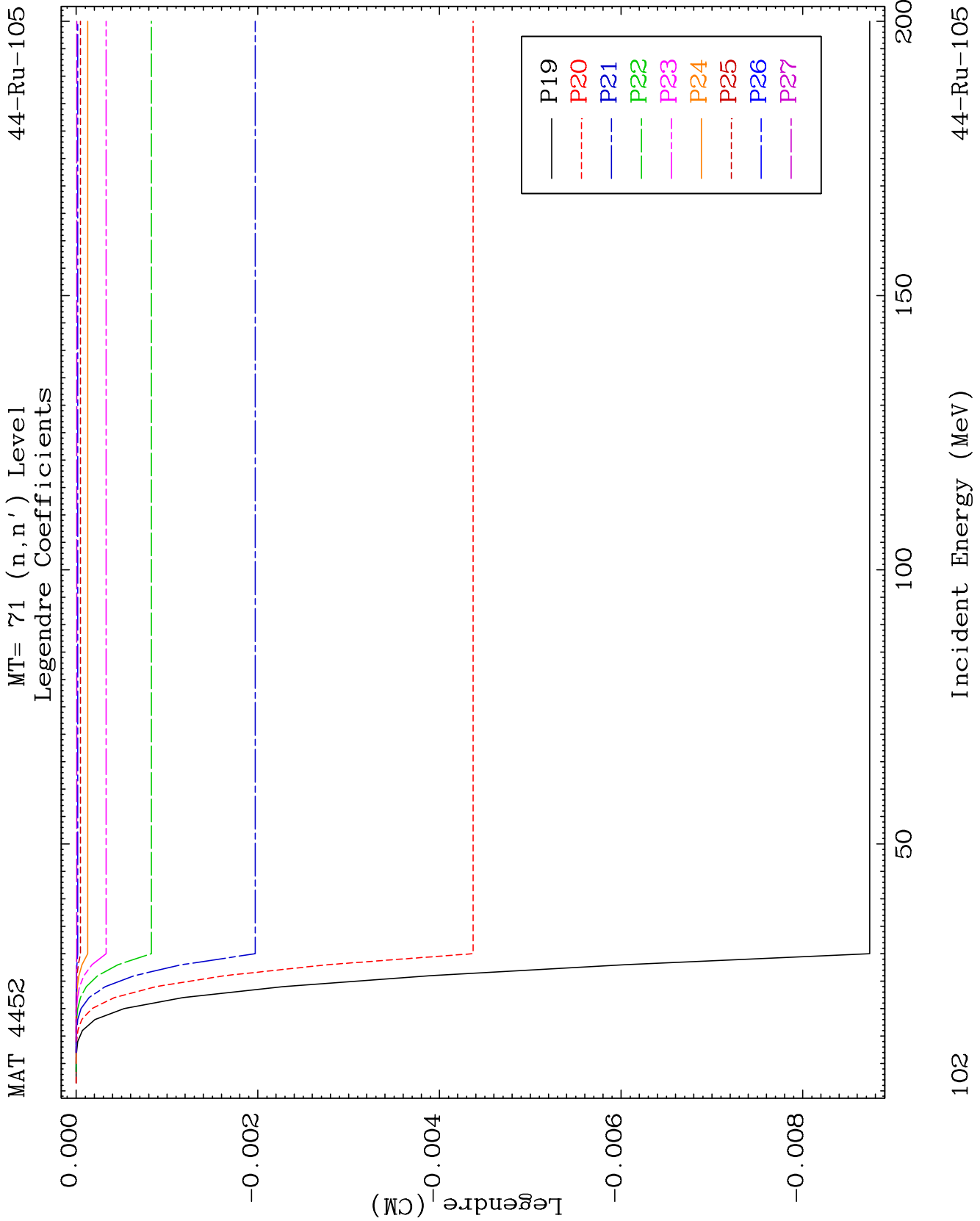
44-Ru-105

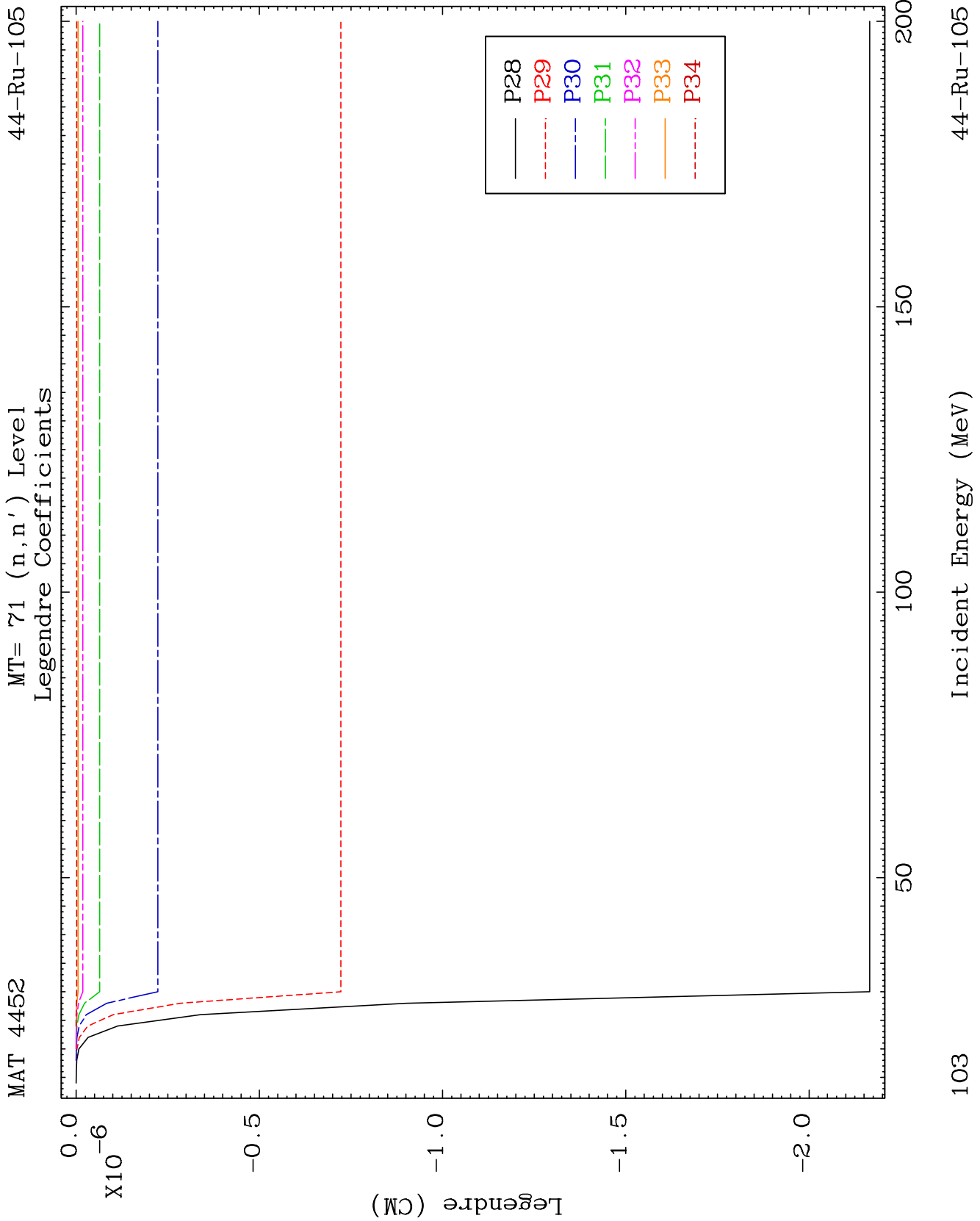


101

Incident Energy (MeV)

44-Ru-105



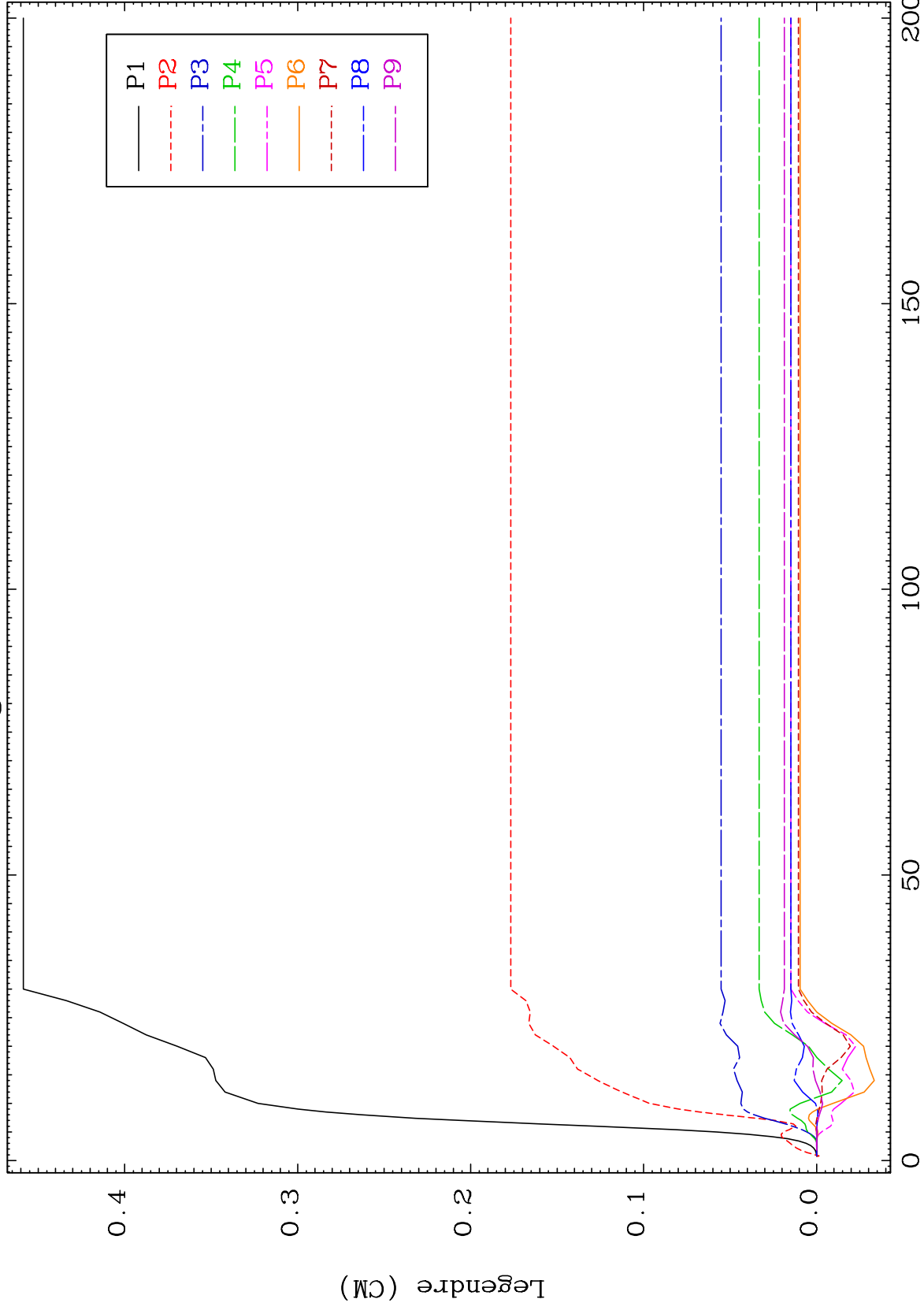


MAT 4452

MT= 72 (n,n') Level

44-Ru-105

Legendre Coefficients



104

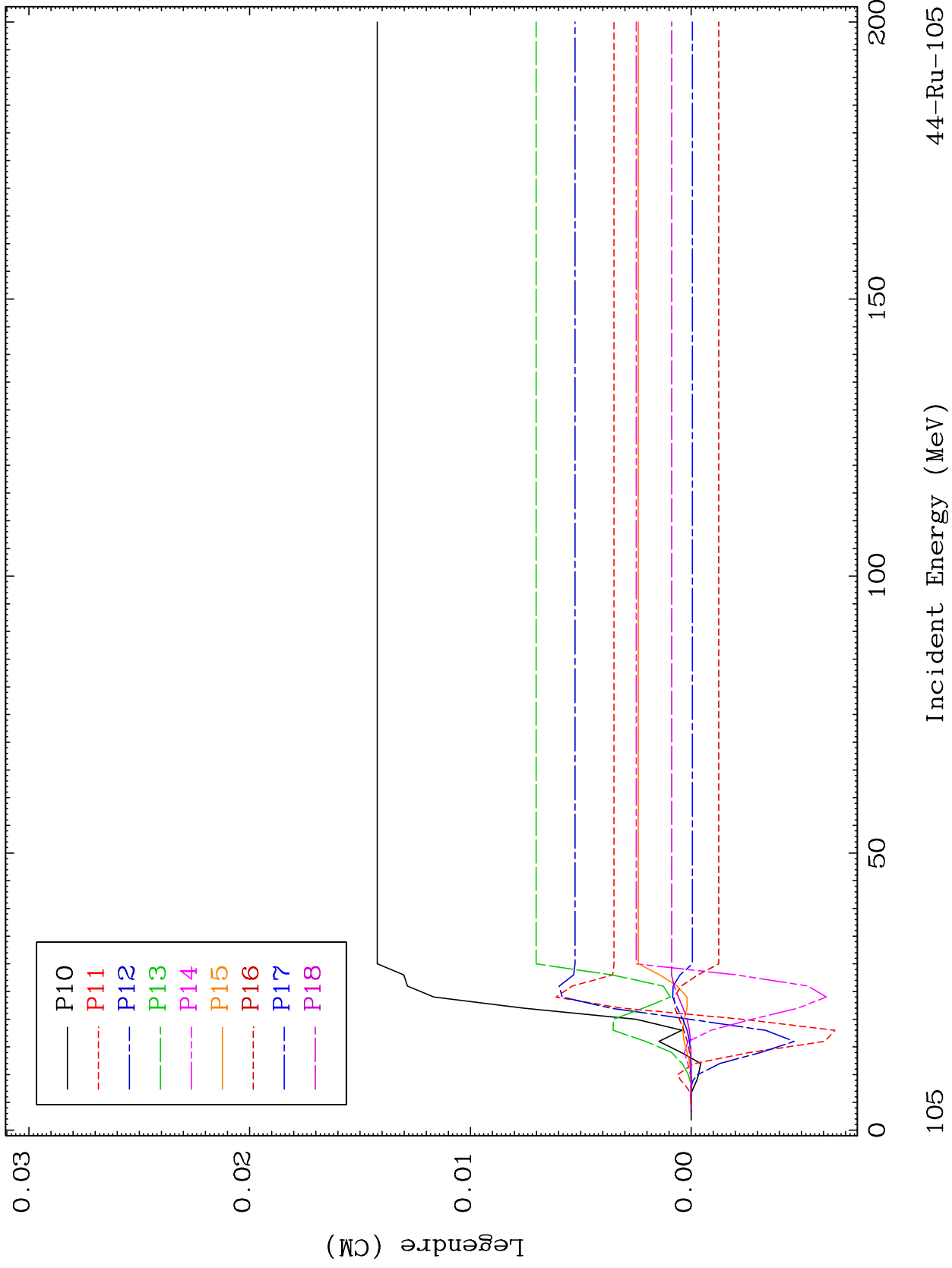
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

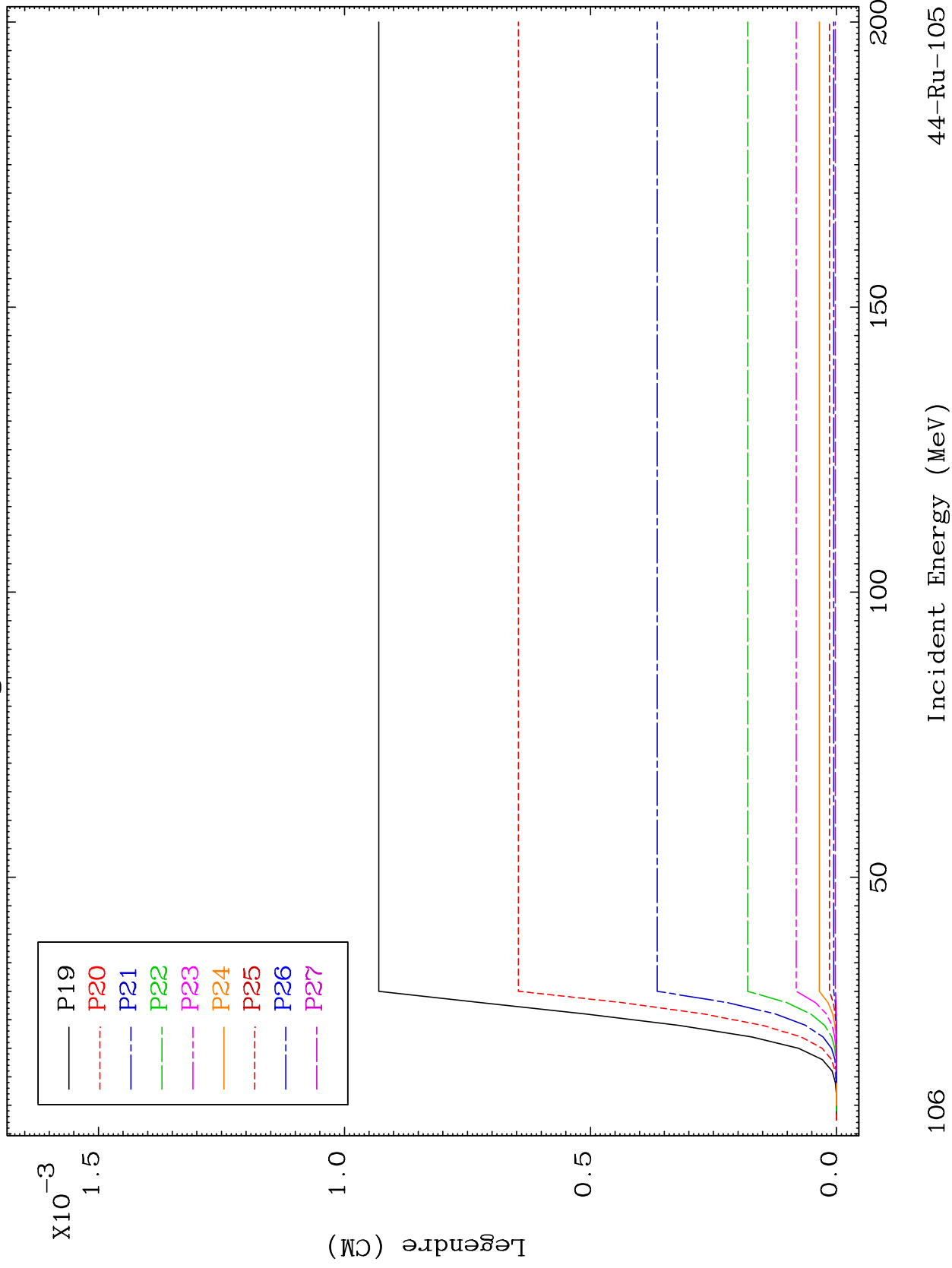
Incident Energy (MeV)

105

MAT 4452

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

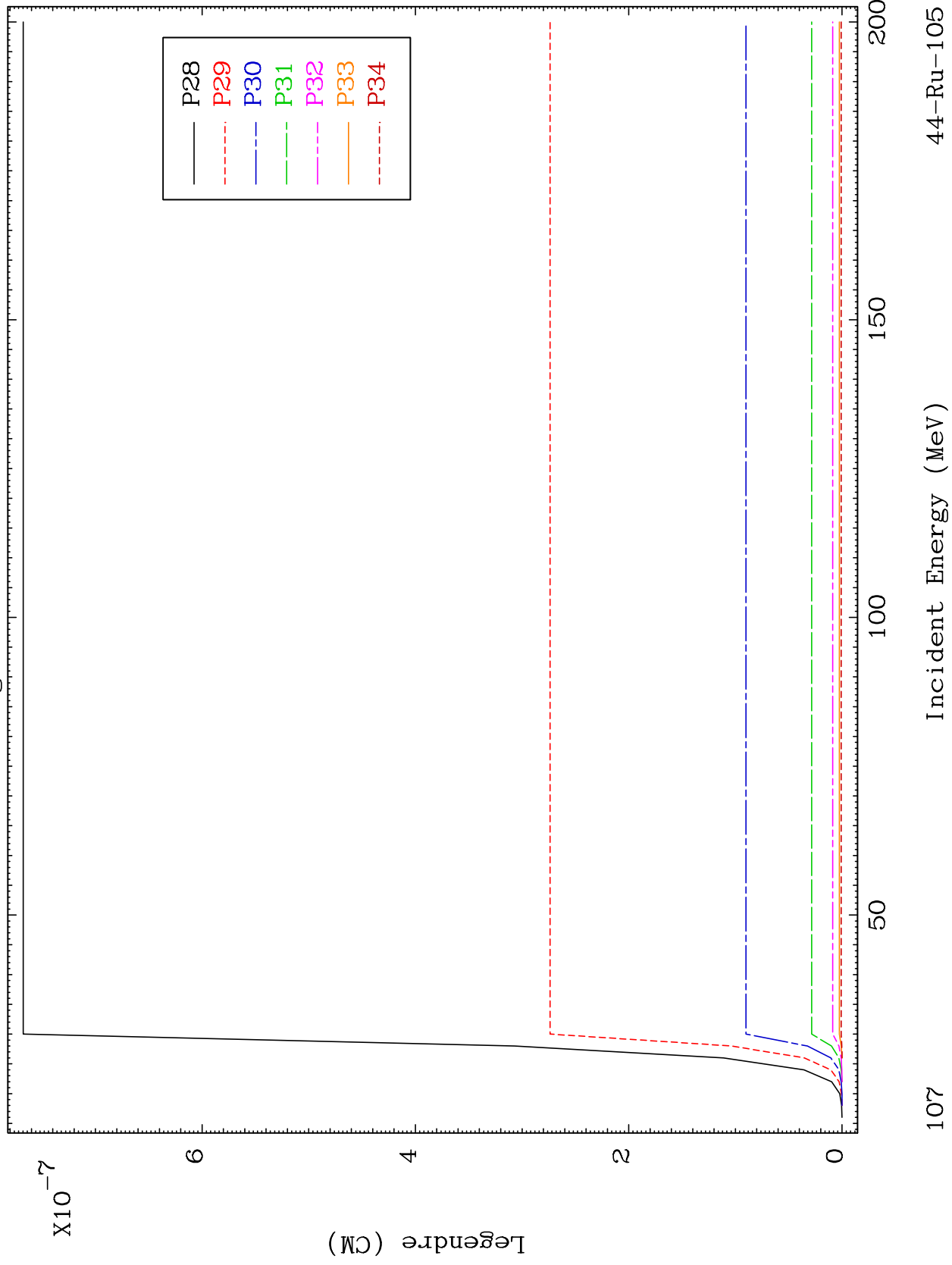
44-Ru-105



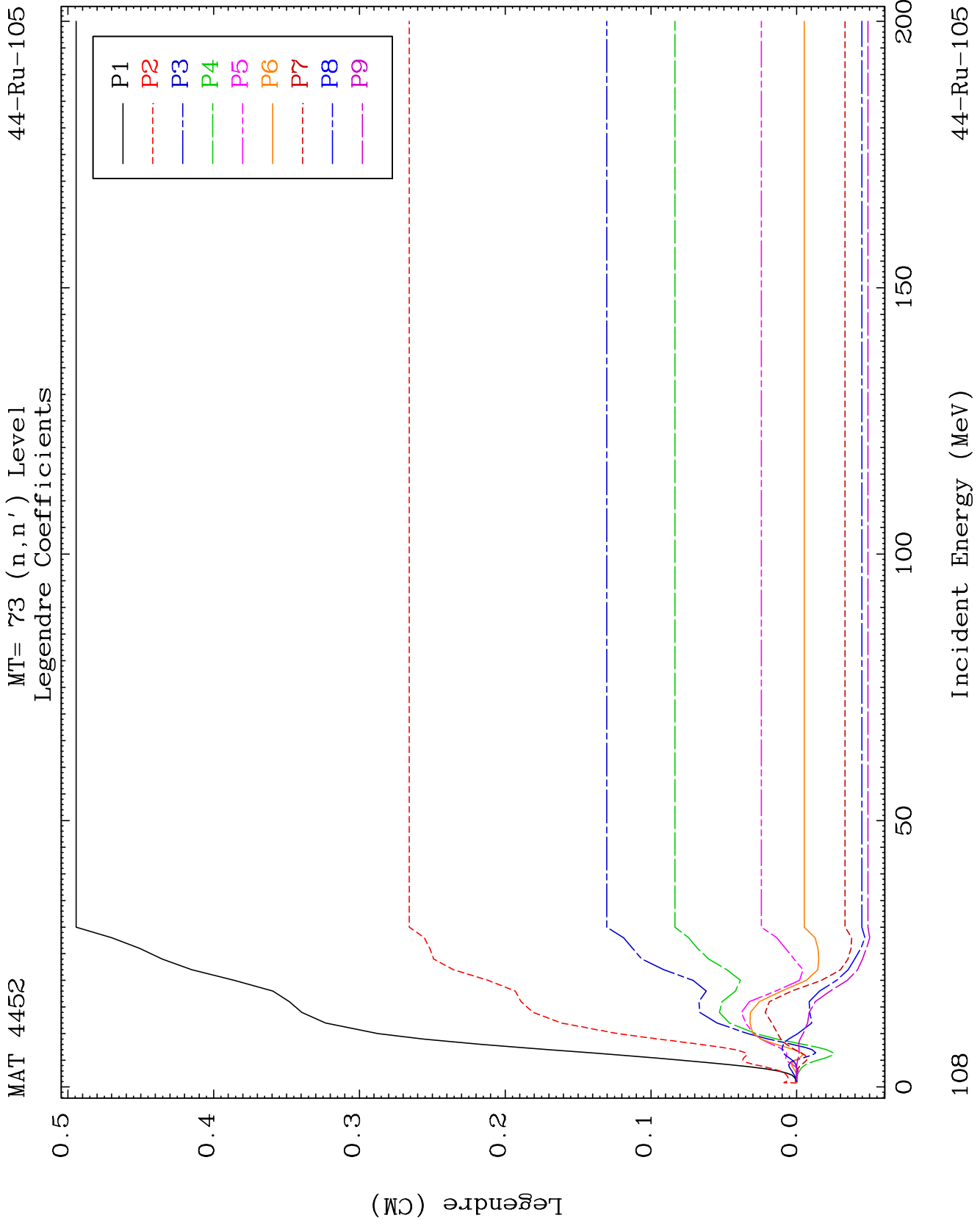
MAT 4452

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

44-Ru-105



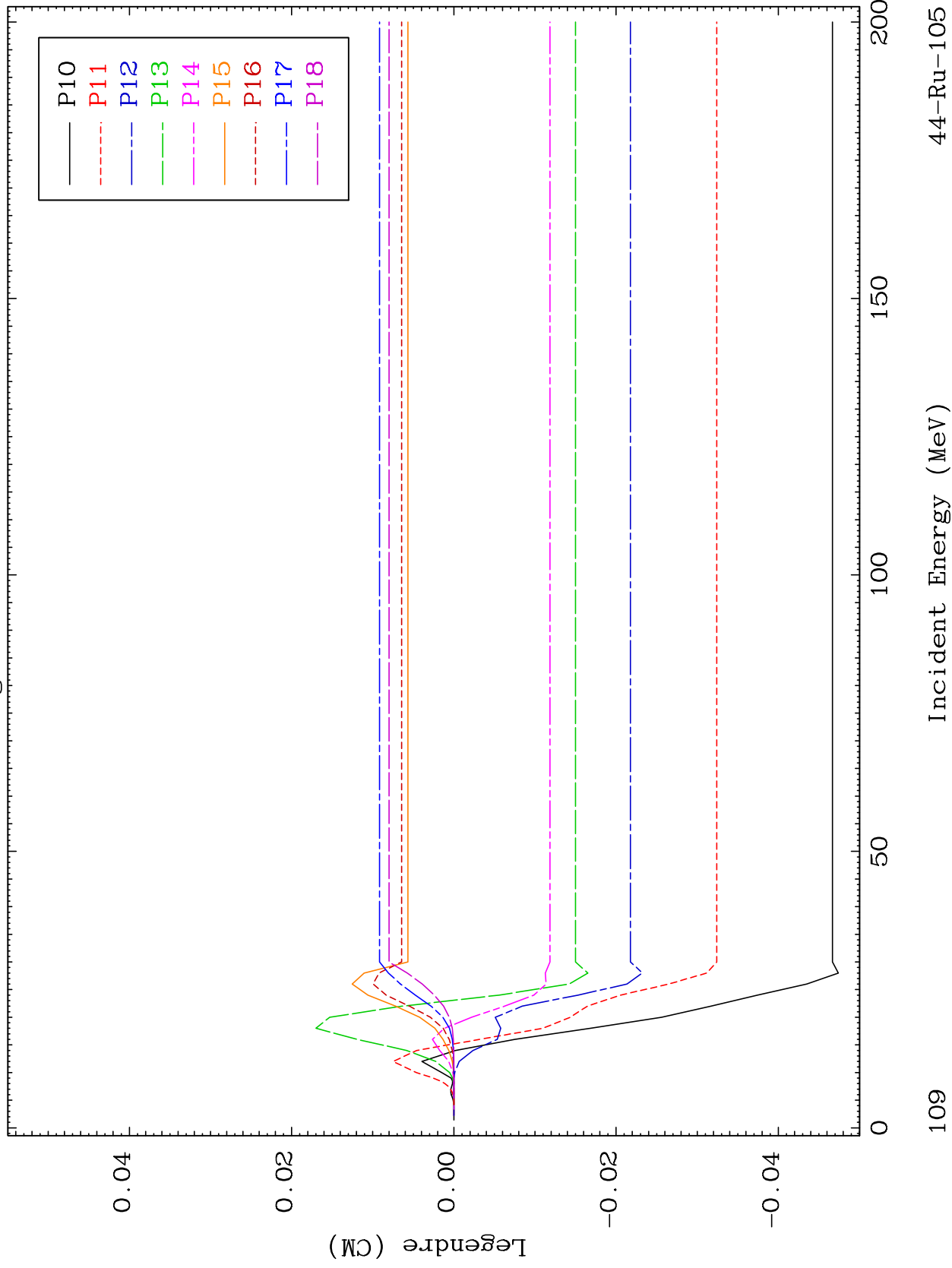
107



MAT 4452

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

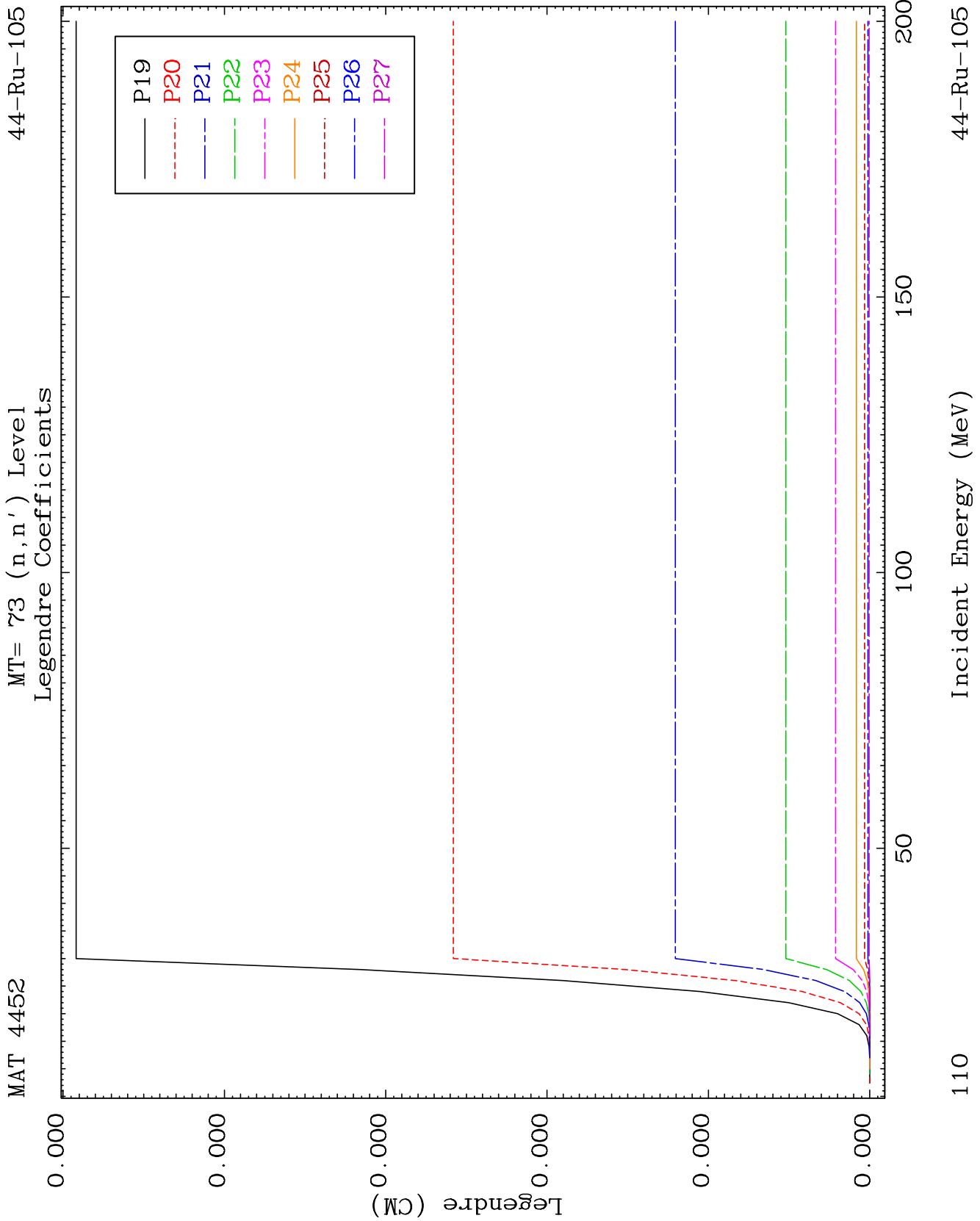
44-Ru-105



109

Incident Energy (MeV)

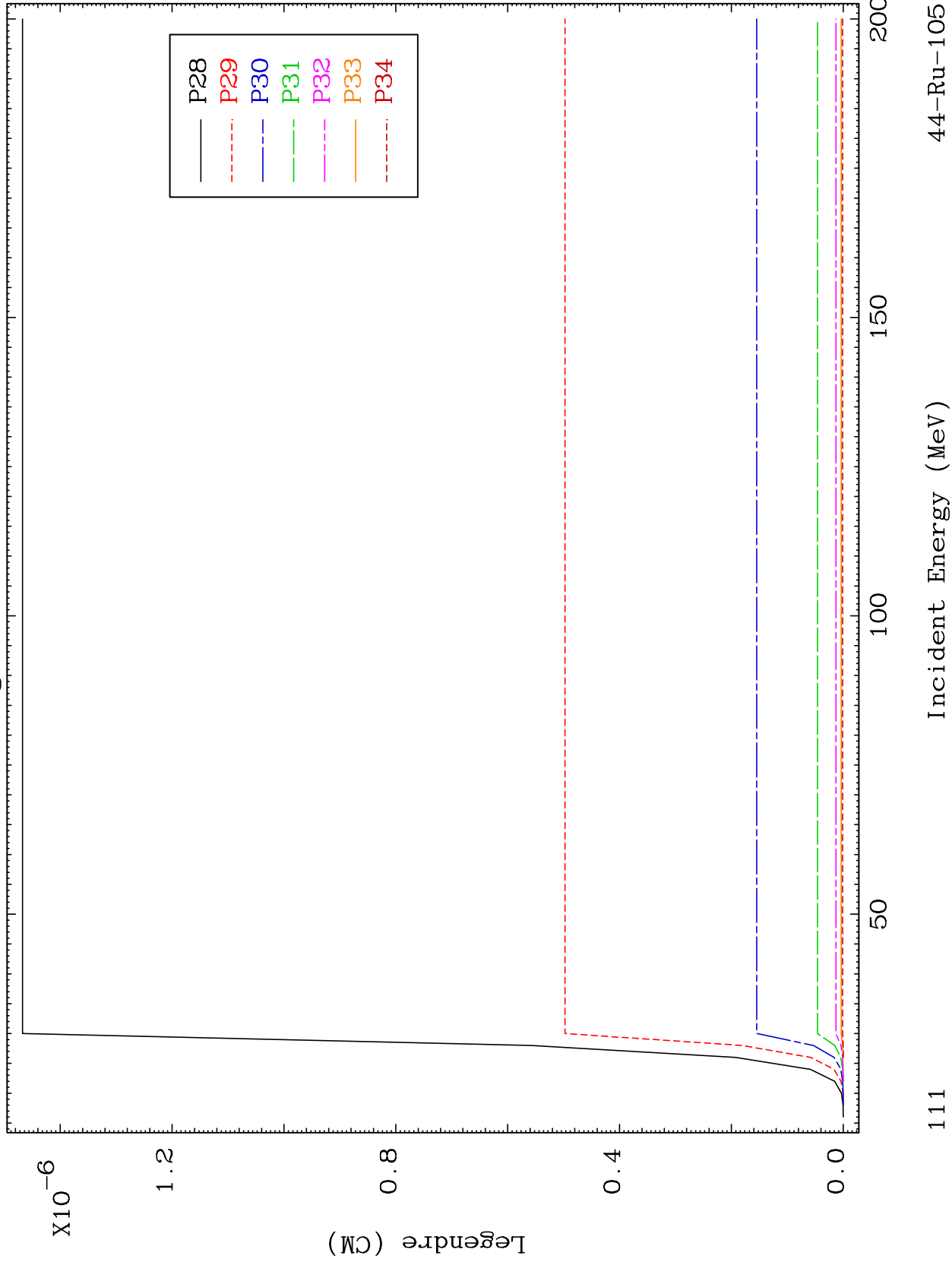
44-Ru-105



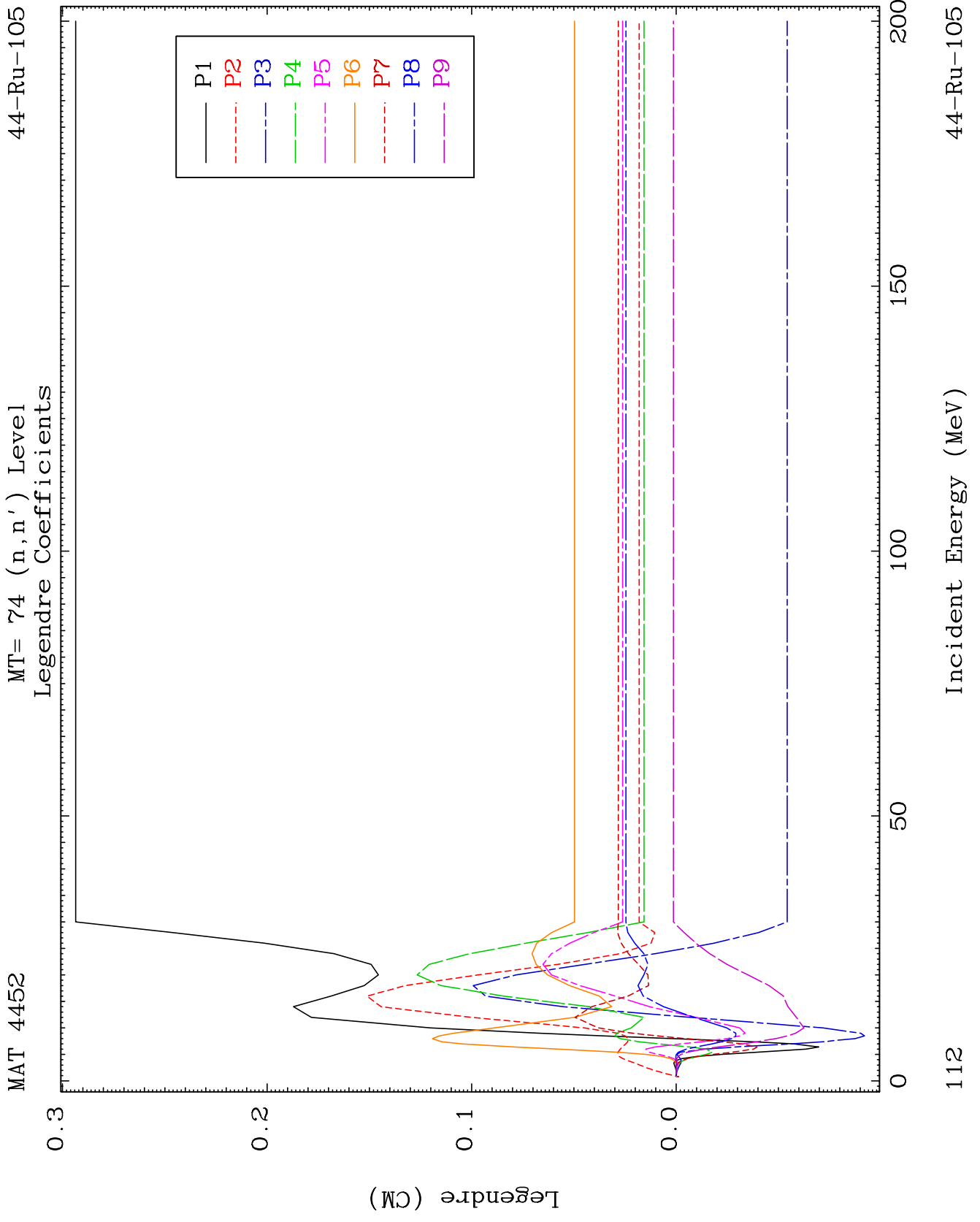
MAT 4452

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

44-Ru-105



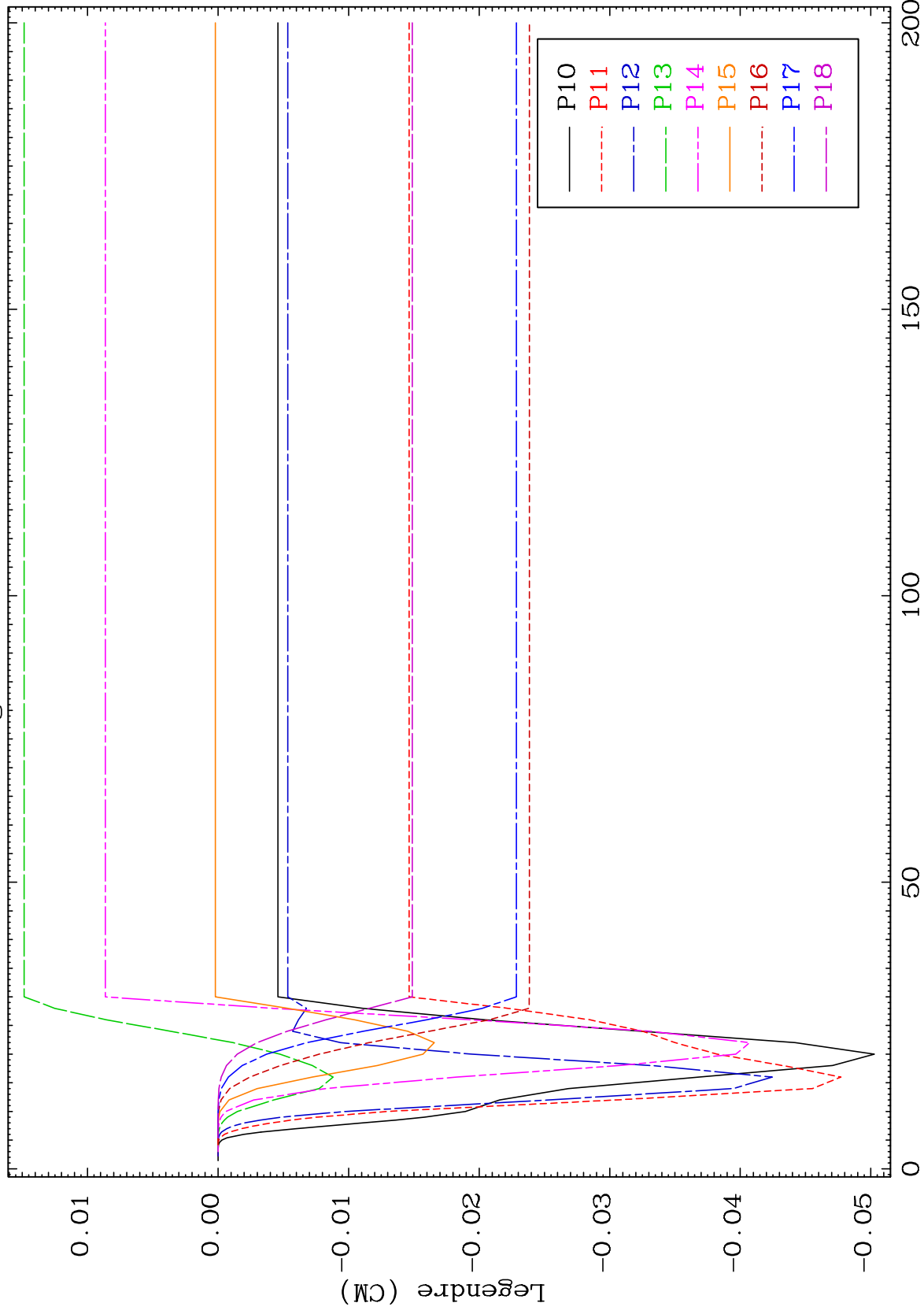
111



MAT 4452

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

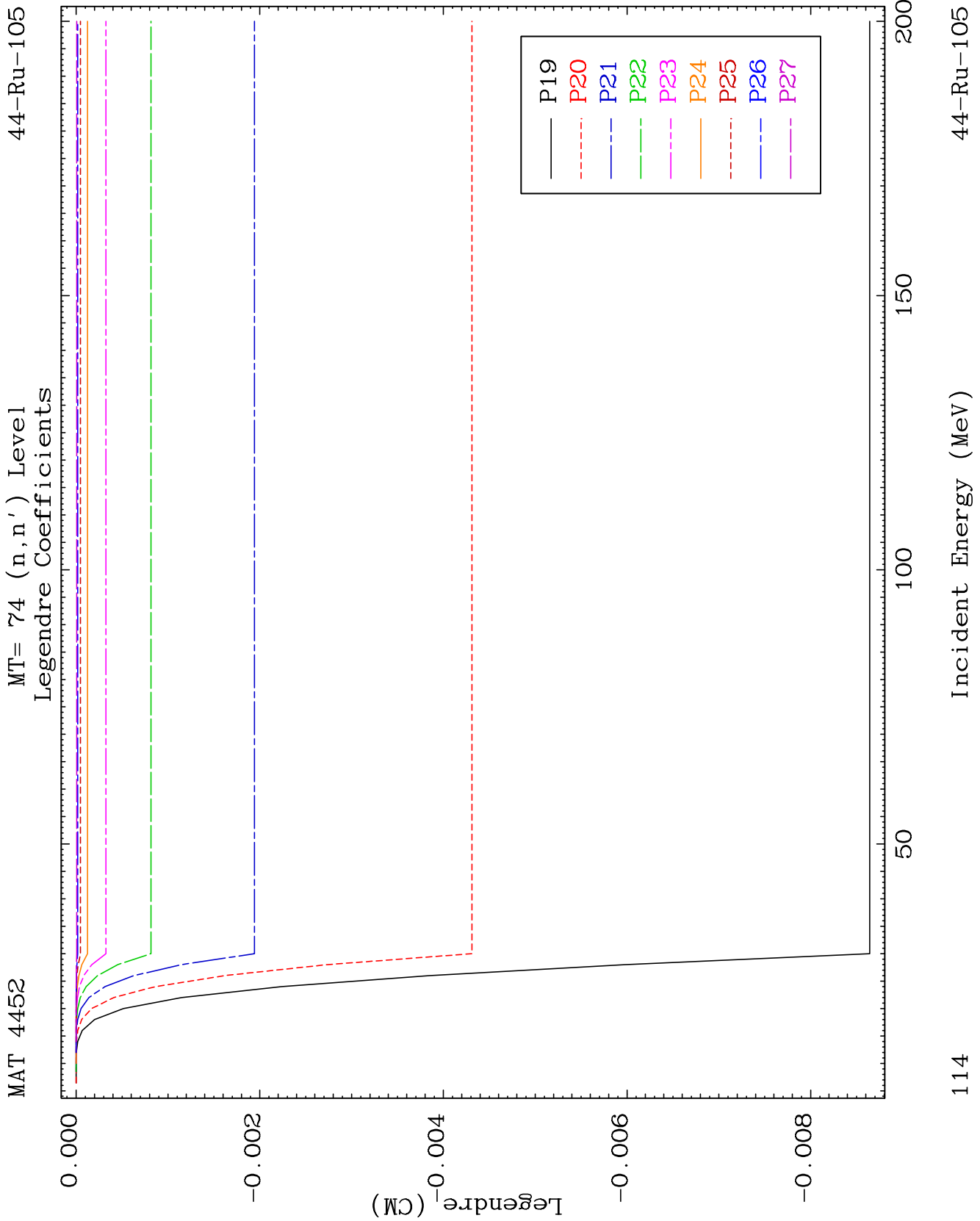
44-Ru-105

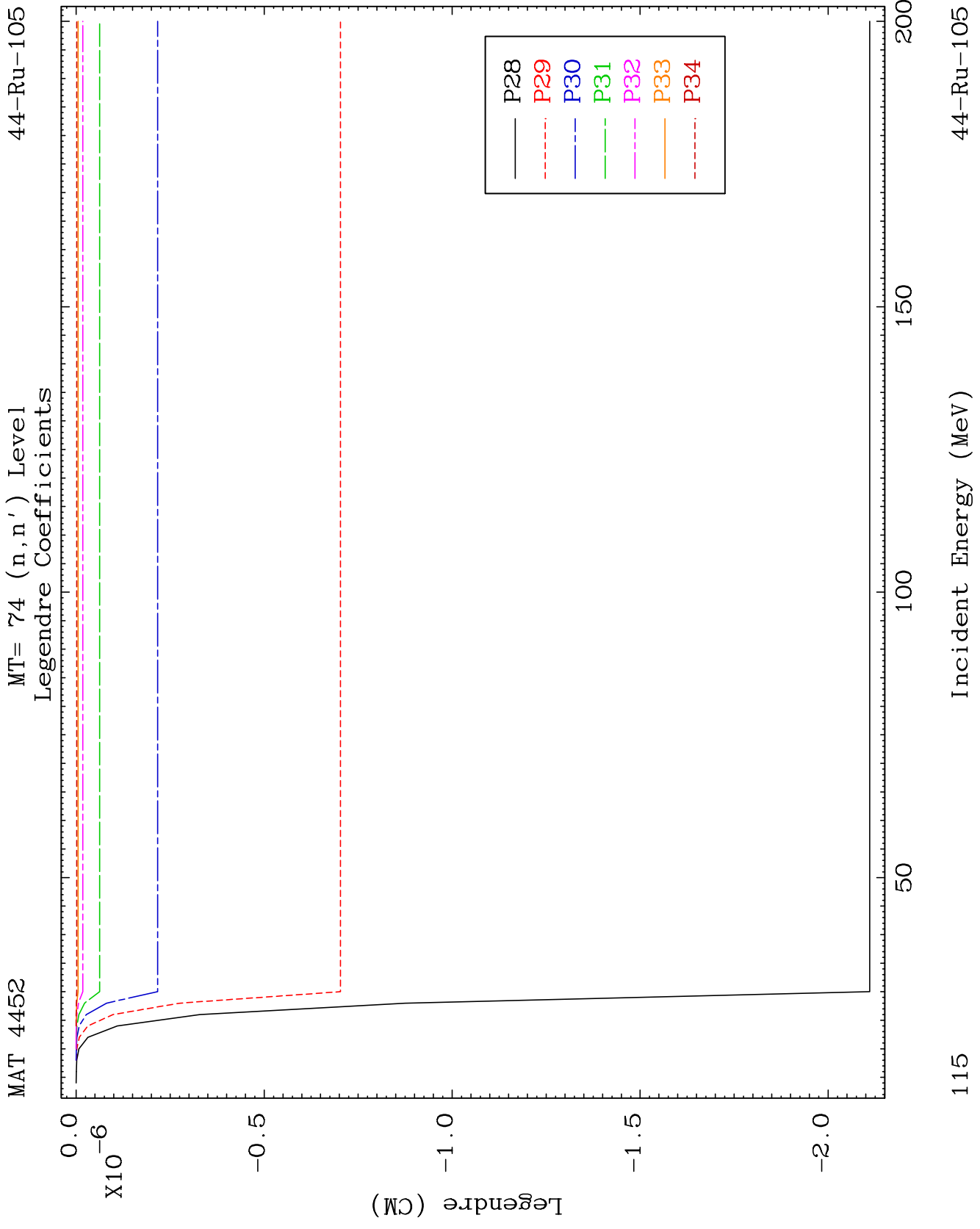


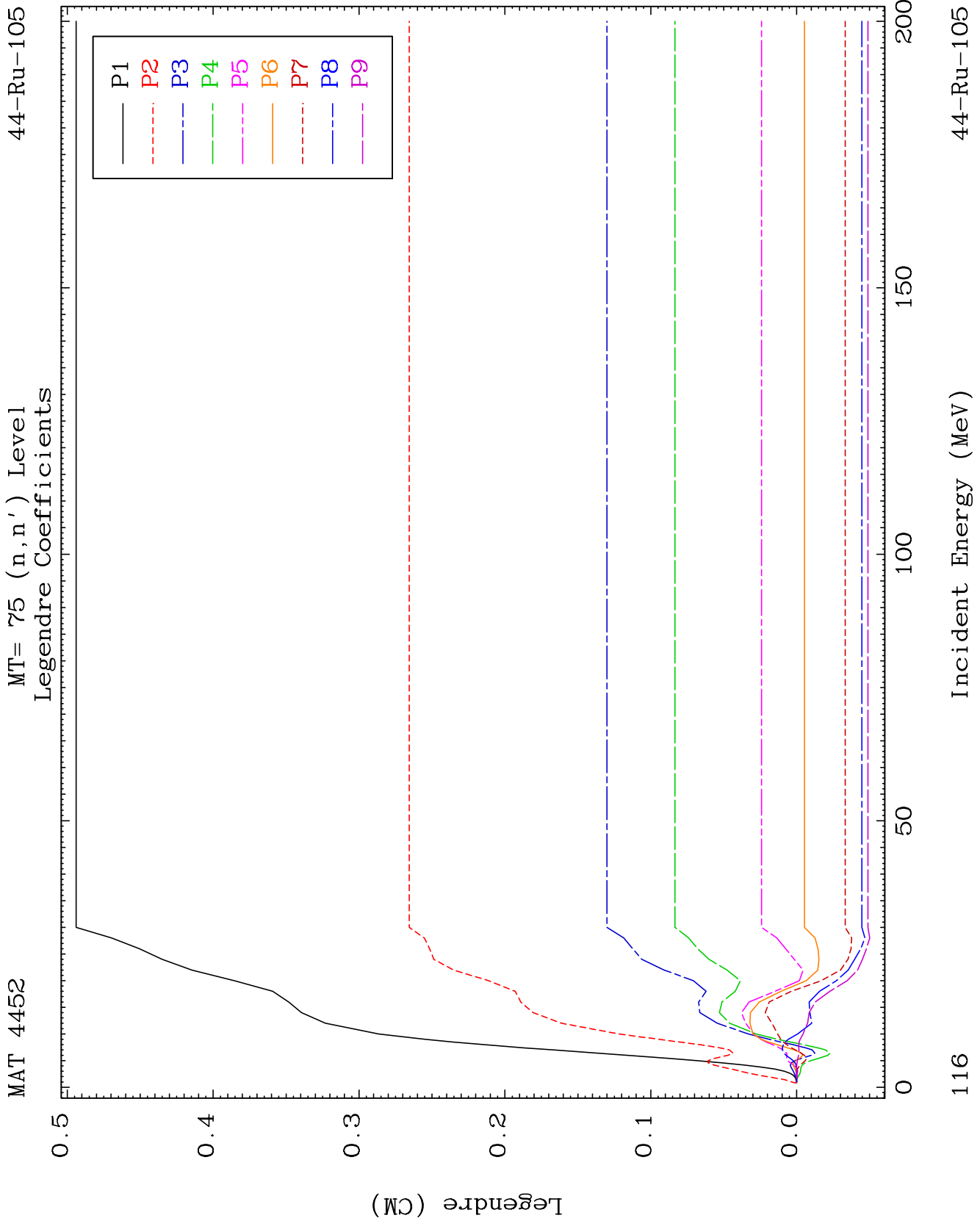
113

Incident Energy (MeV)

44-Ru-105



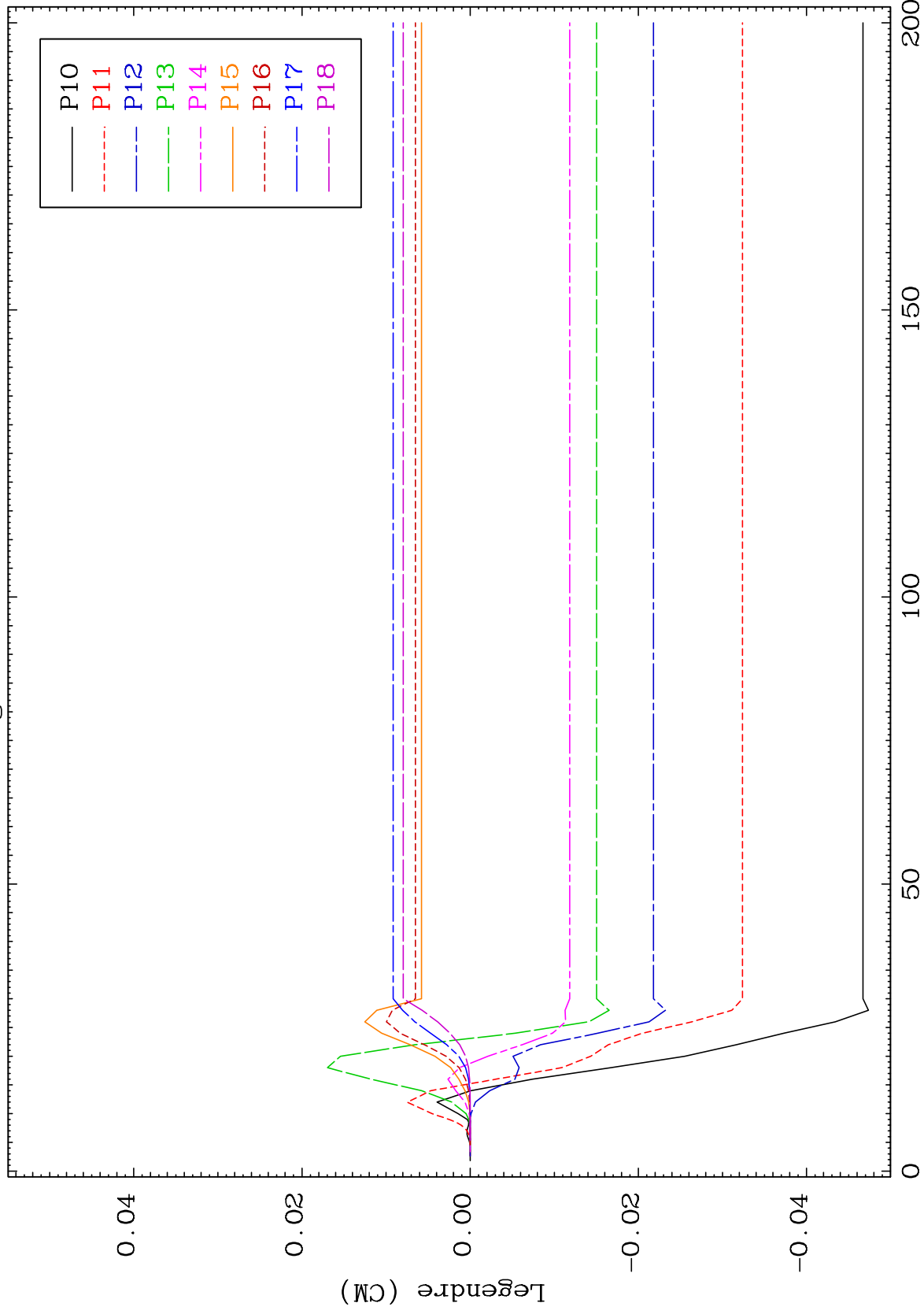




MAT 4452

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

44-Ru-105



117

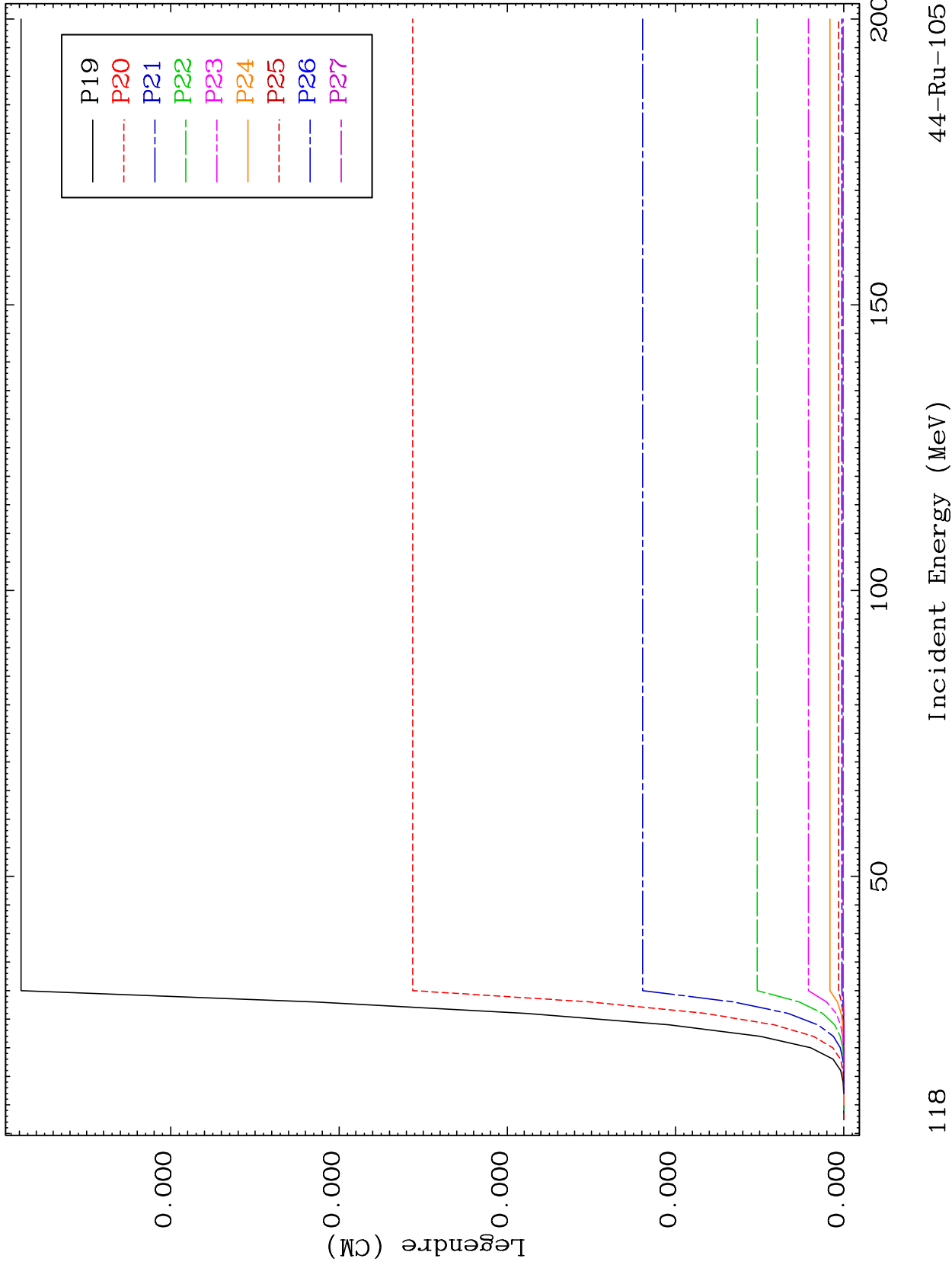
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

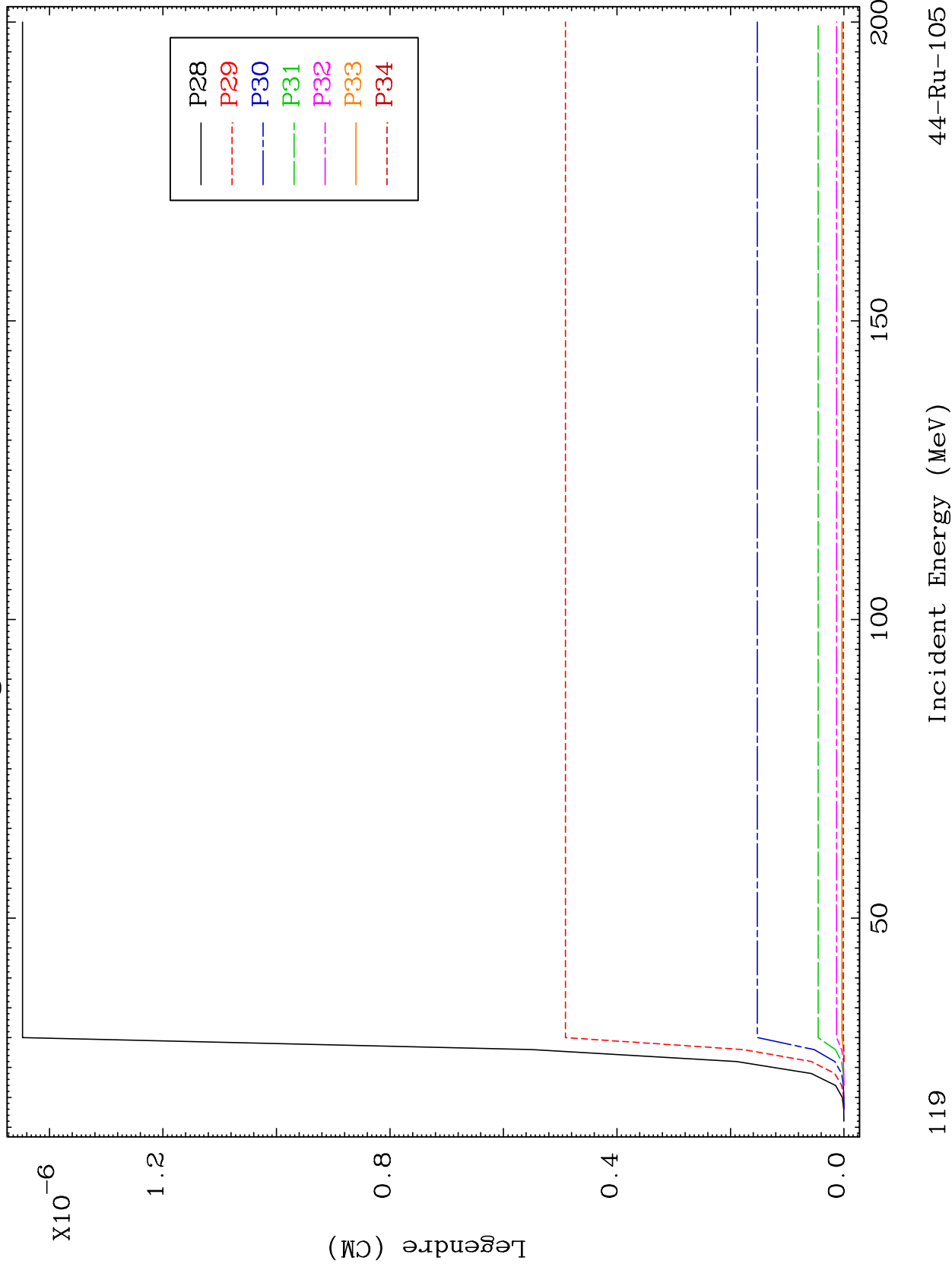


118

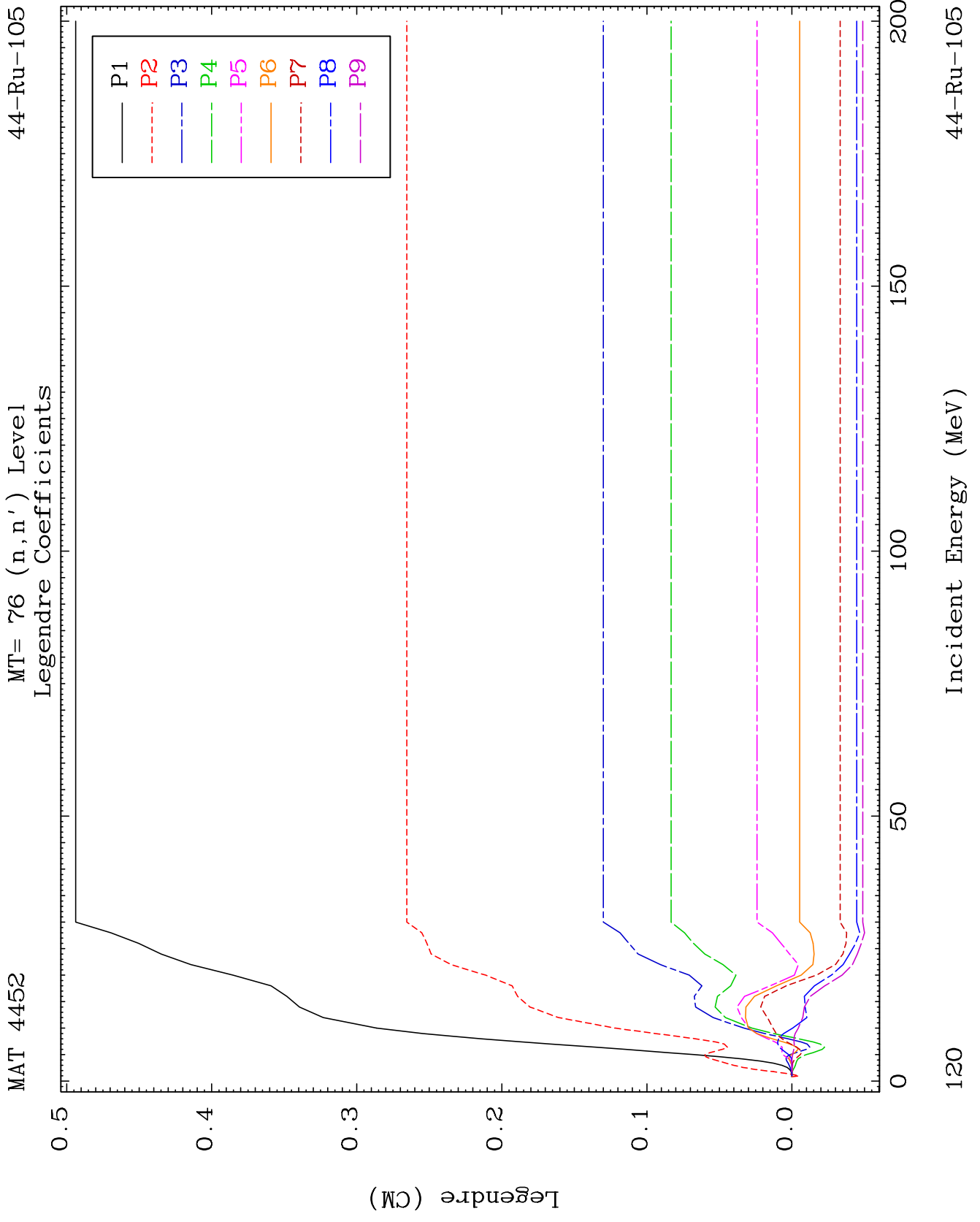
MAT 4452

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

44-Ru-105



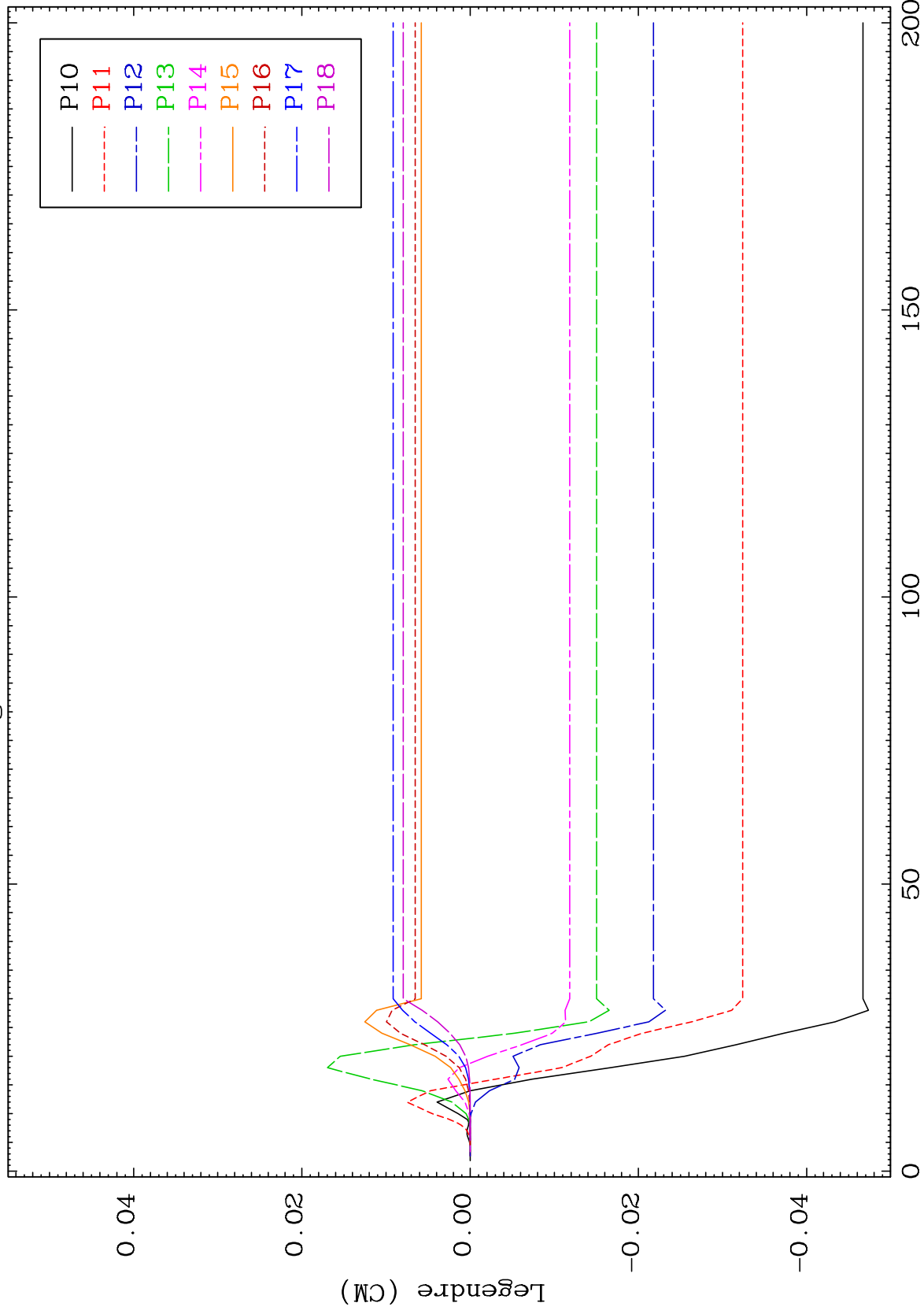
119



MAT 4452

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

44-Ru-105



121

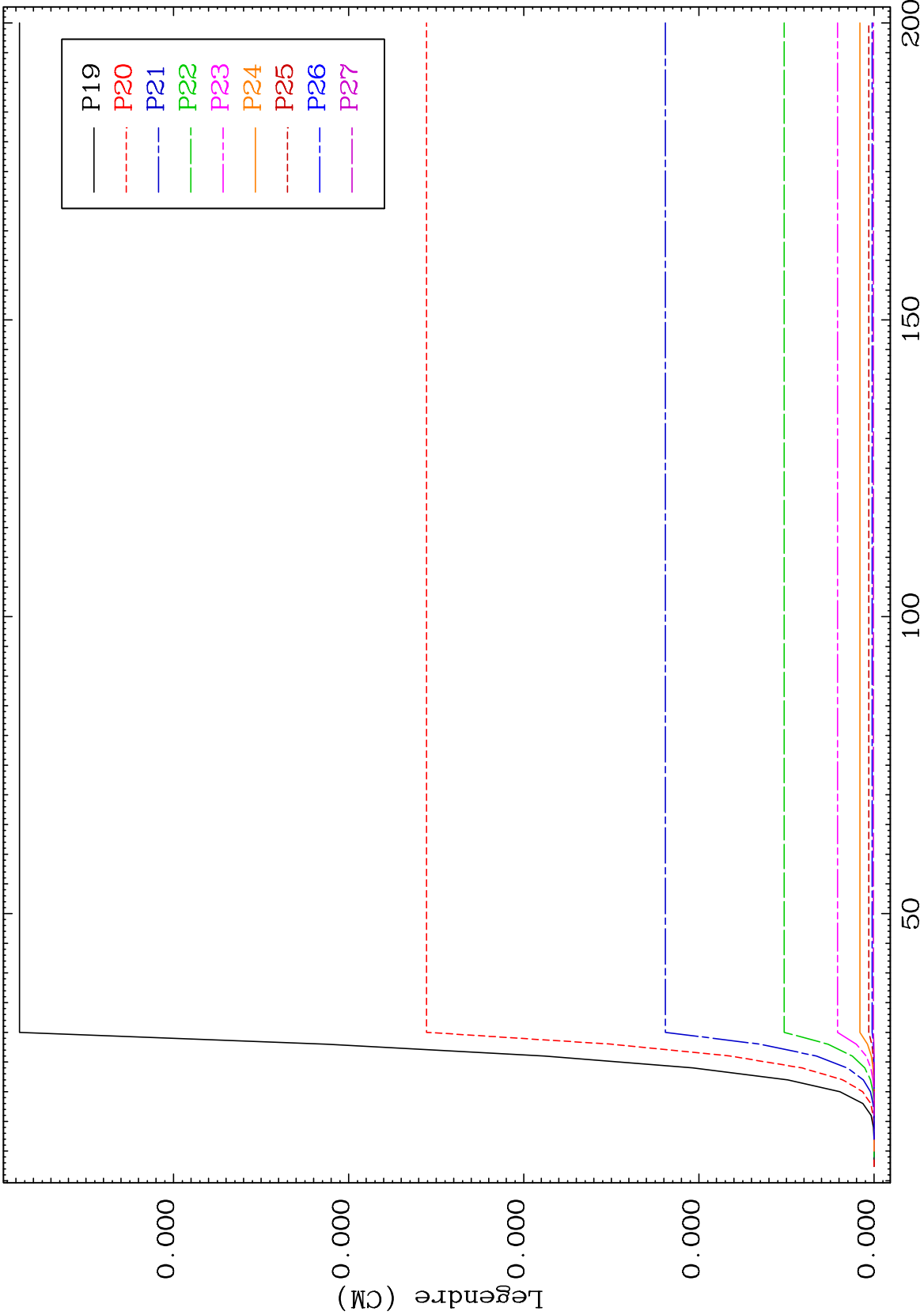
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



122

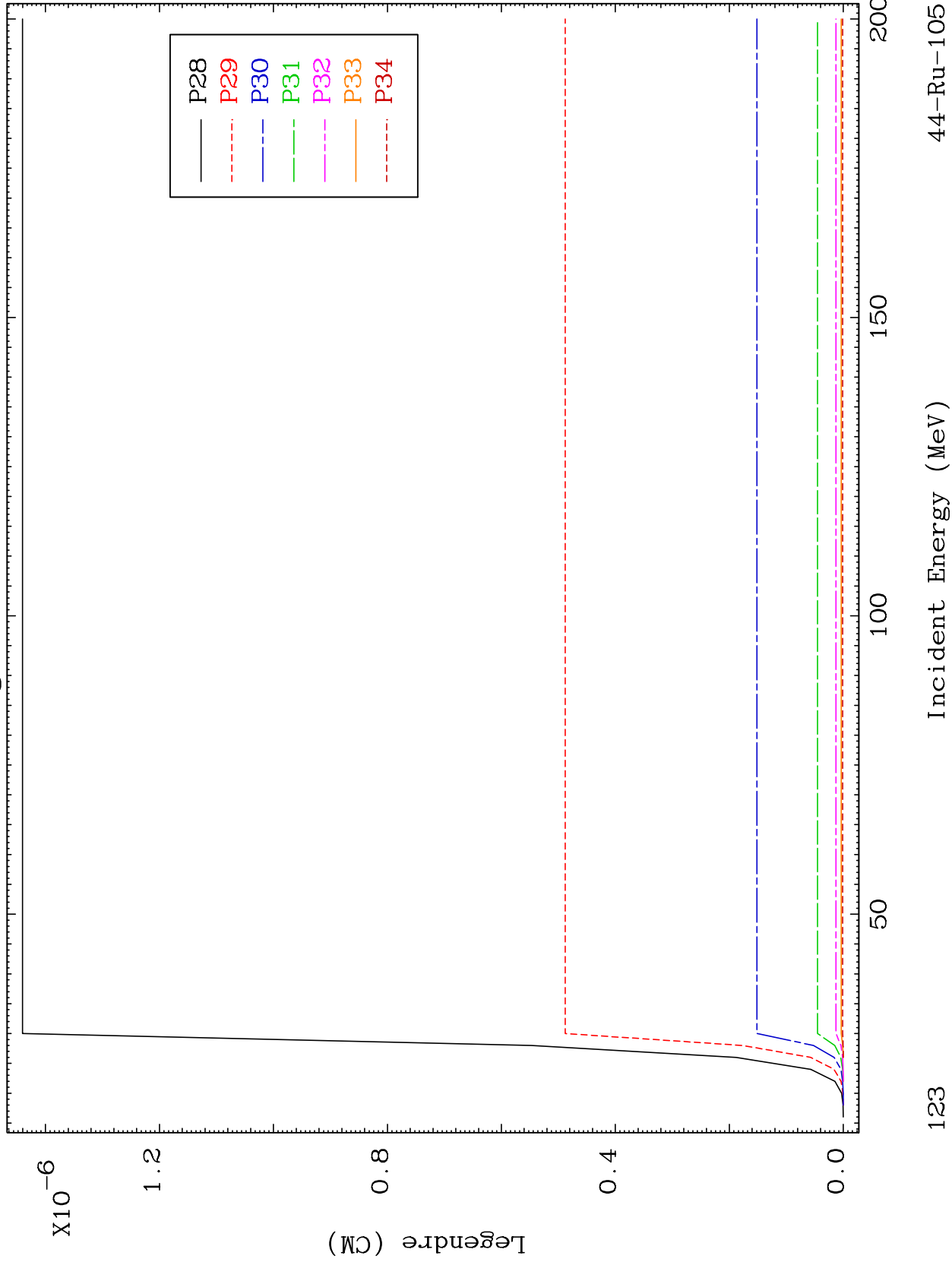
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

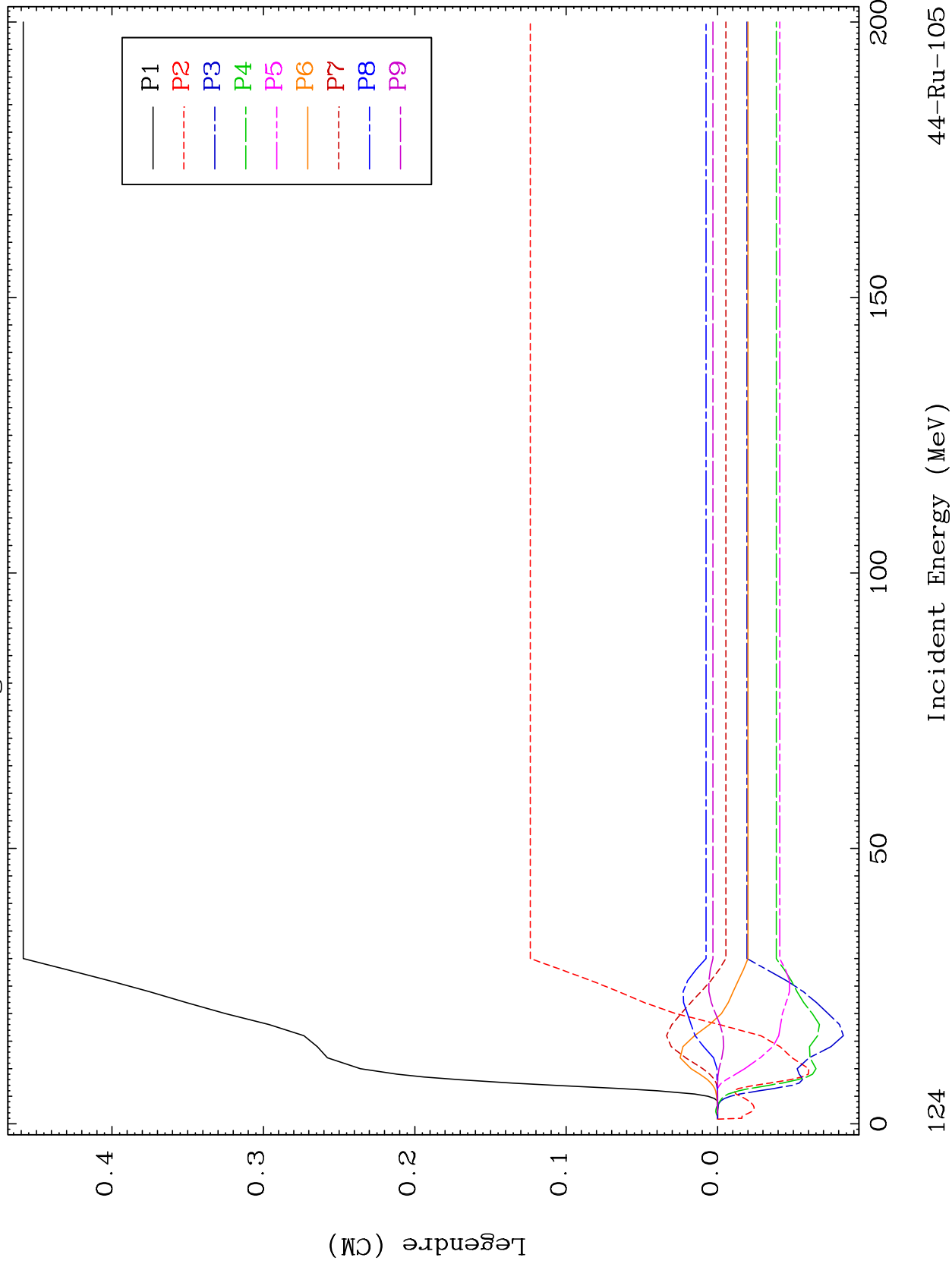


123

MAT 4452

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

44-Ru-105



44-Ru-105

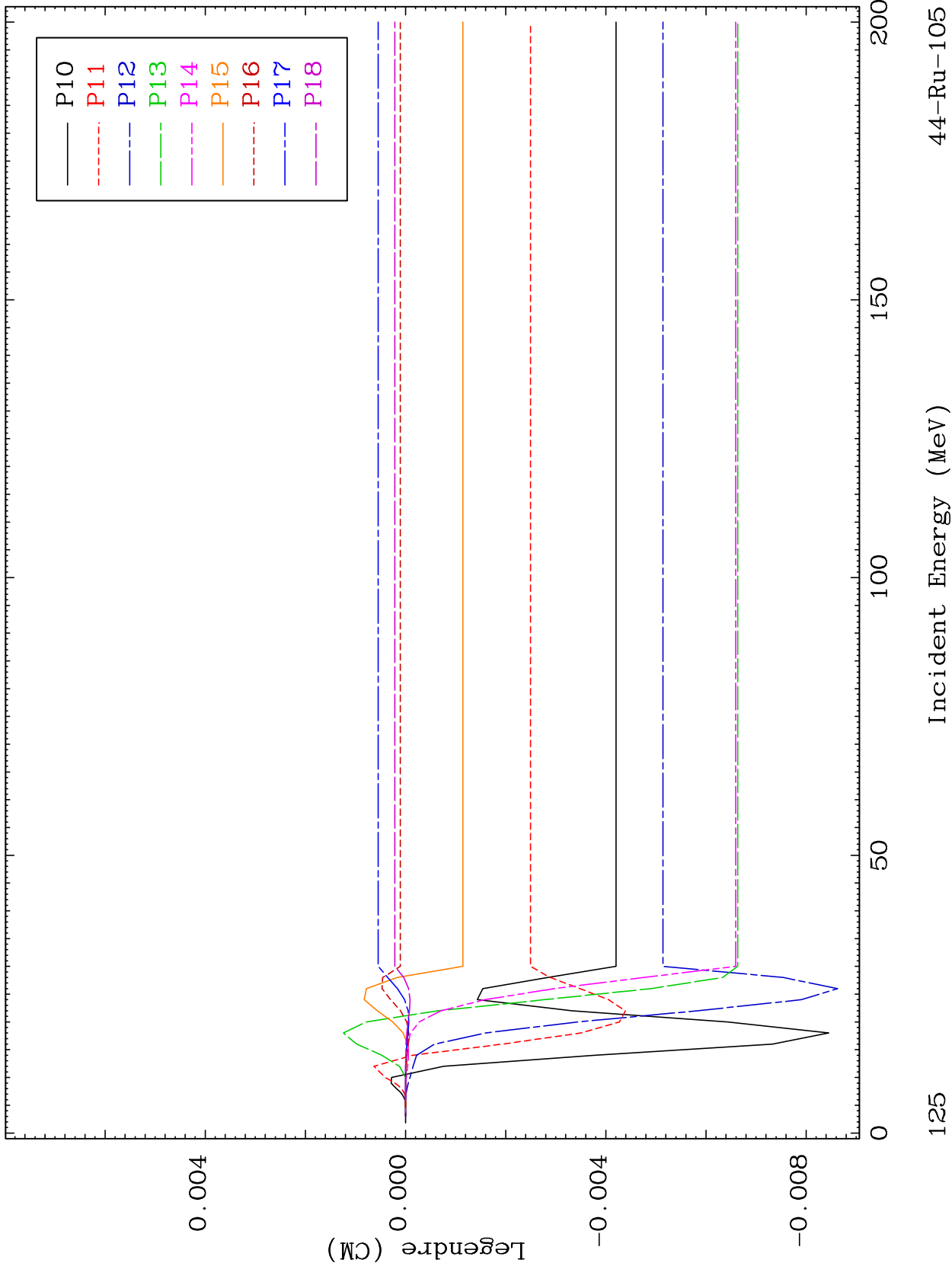
Incident Energy (MeV)

124

MAT 4452

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

44-Ru-105



44-Ru-105

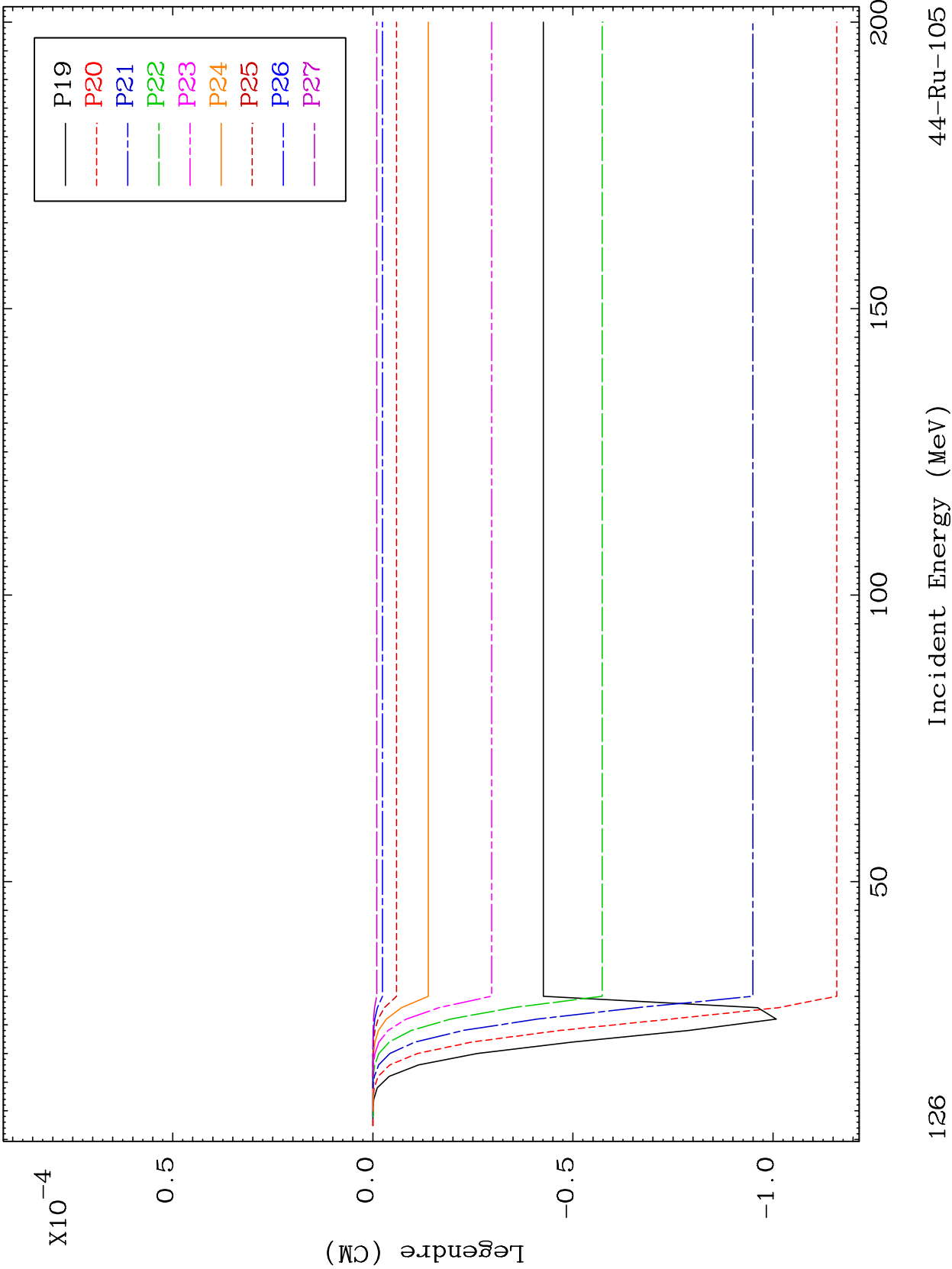
Incident Energy (MeV)

125

MAT 4452

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

44-Ru-105



126

Incident Energy (MeV)

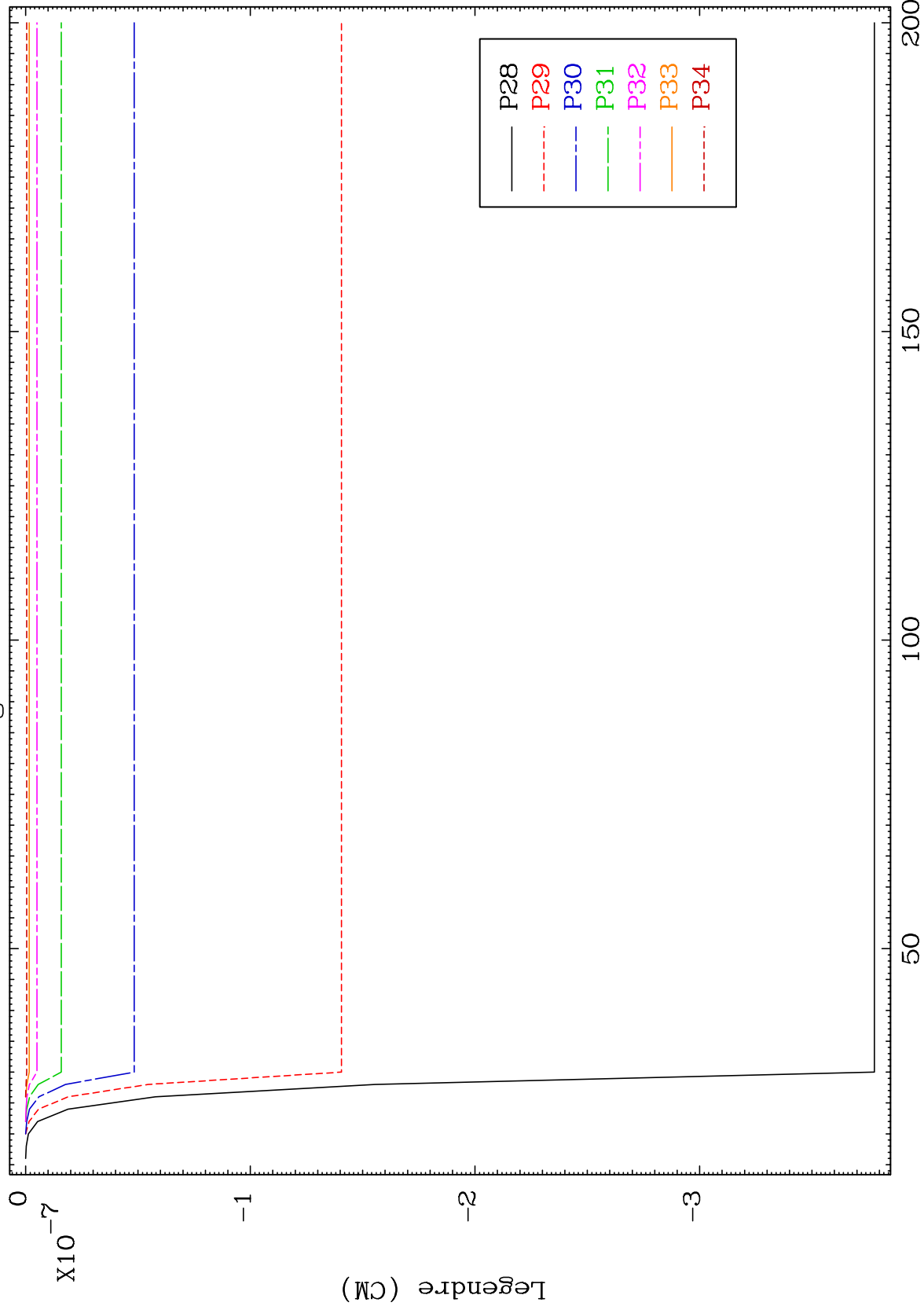
44-Ru-105

MAT 4452

MT= 77 (n,n') Level

44-Ru-105

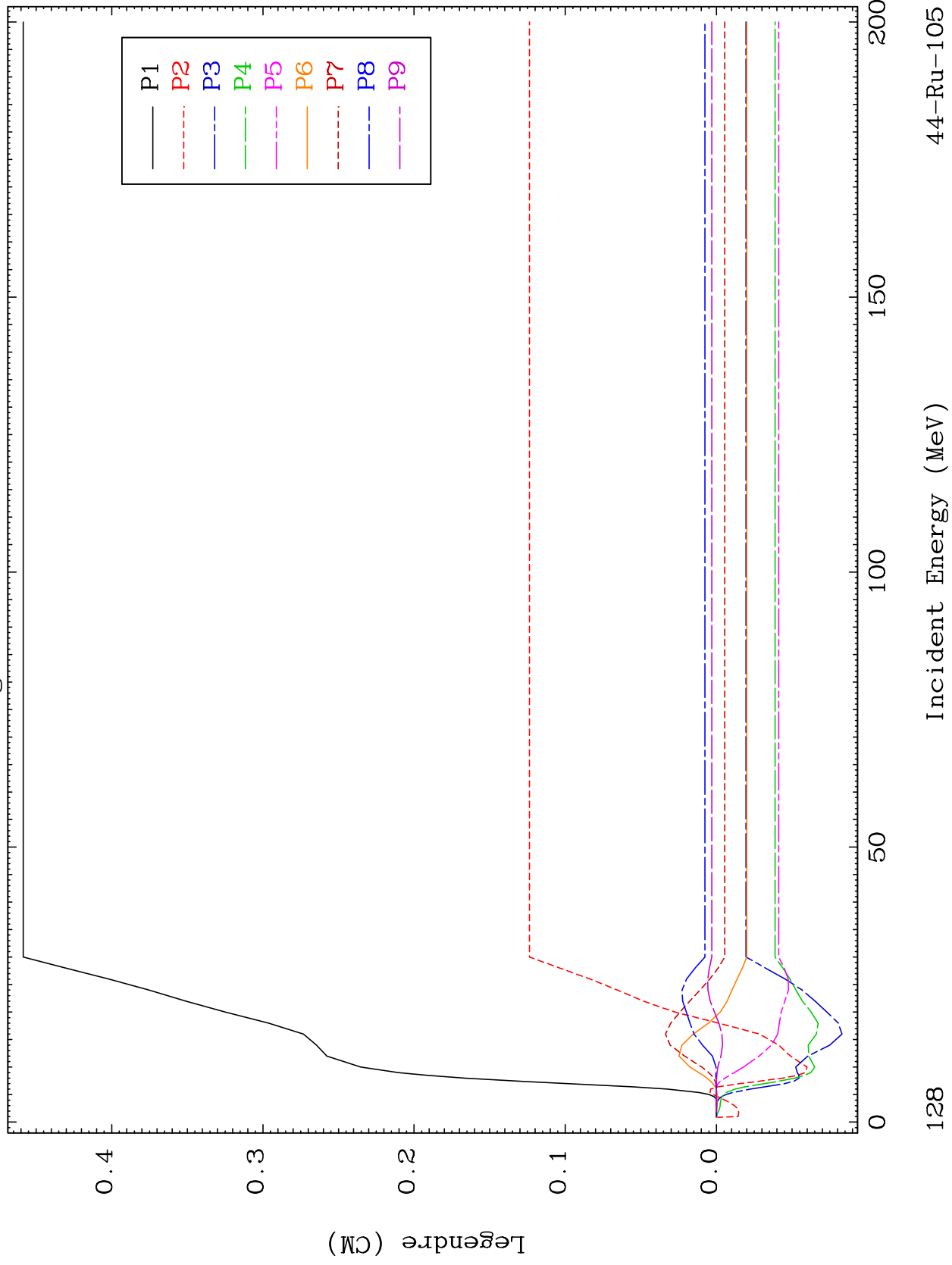
Legendre Coefficients



MAT 4452

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

44-Ru-105



128

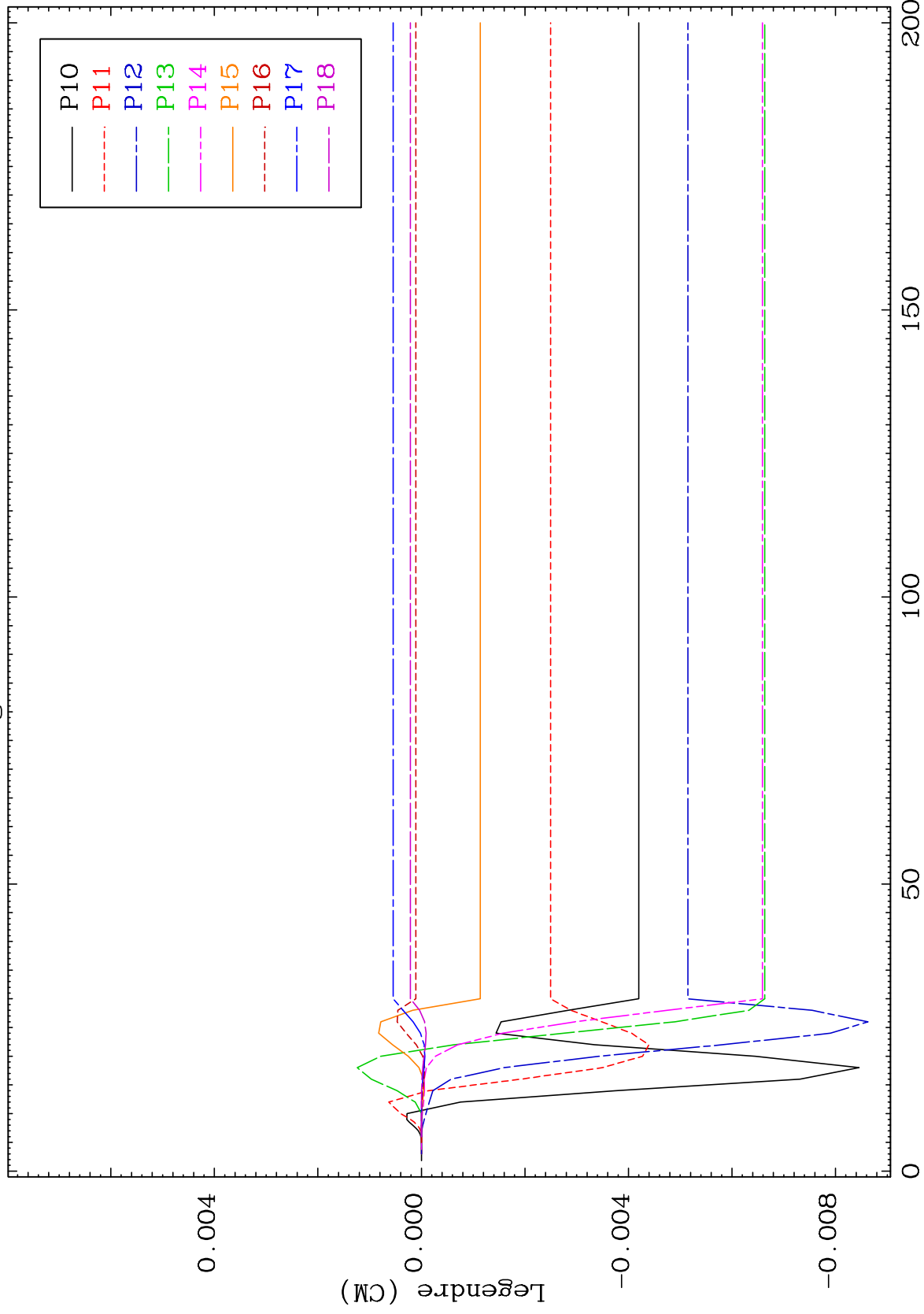
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



129

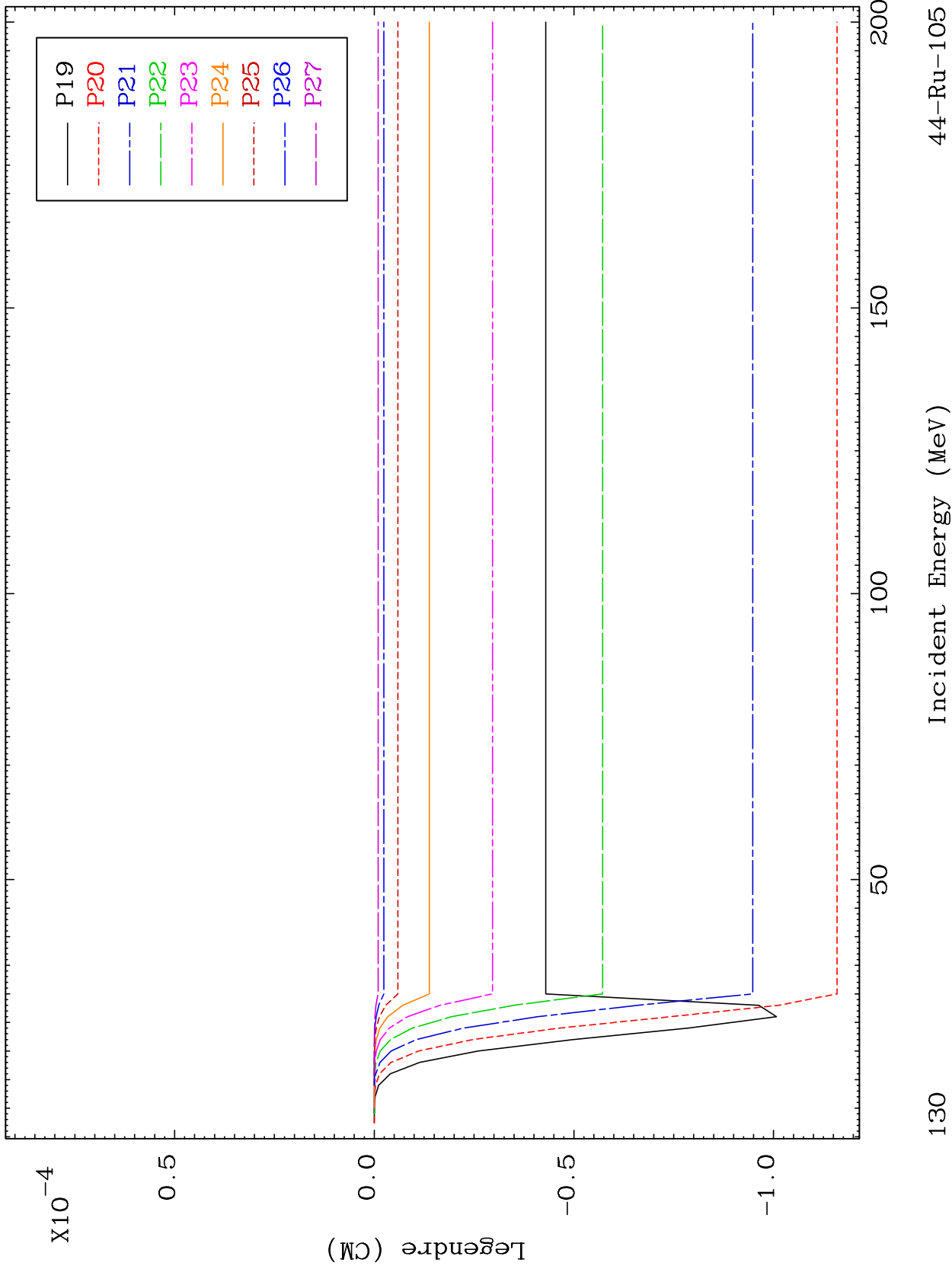
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



130

Incident Energy (MeV)

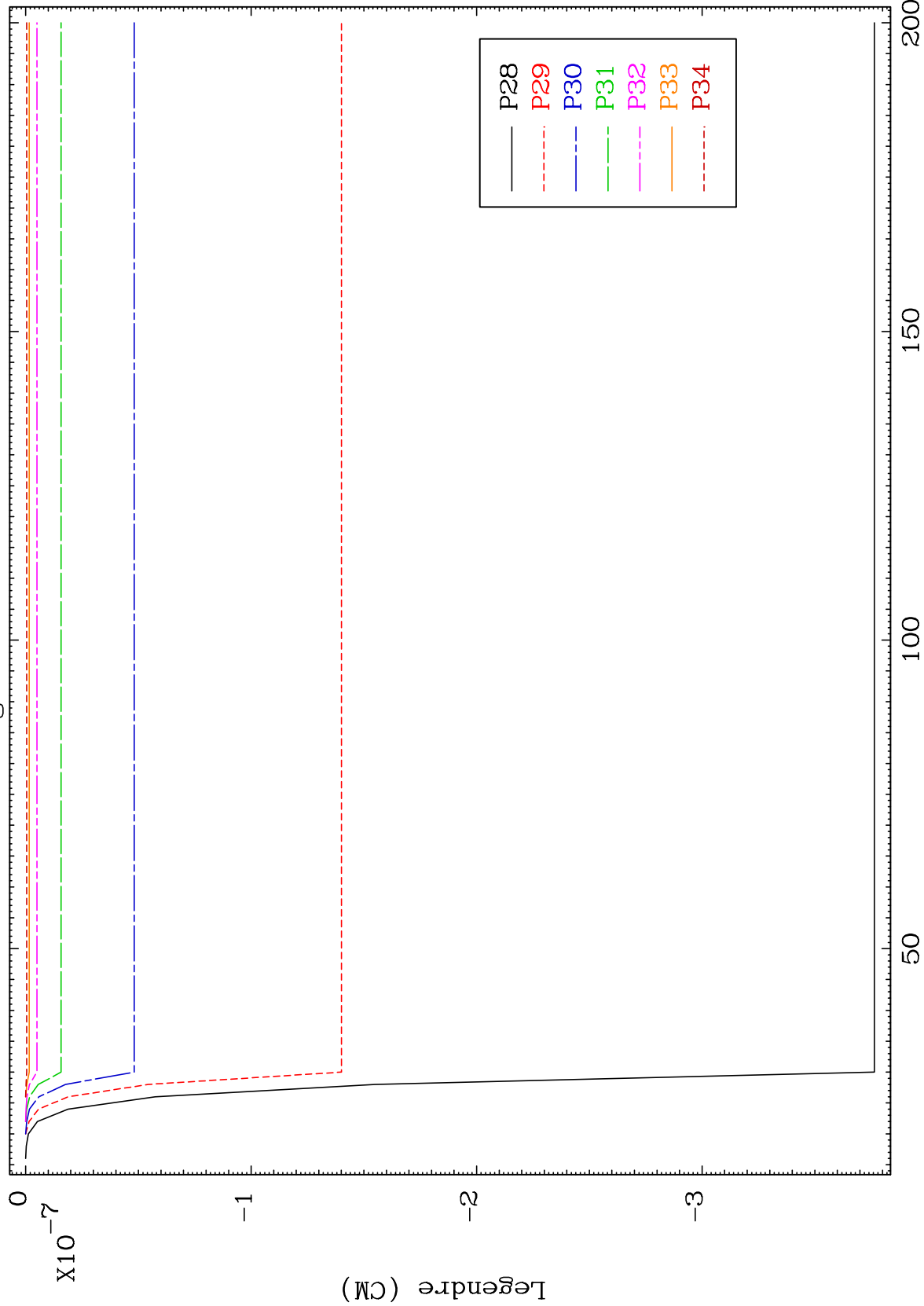
44-Ru-105

MAT 4452

MT= 78 (n,n') Level

44-Ru-105

Legendre Coefficients



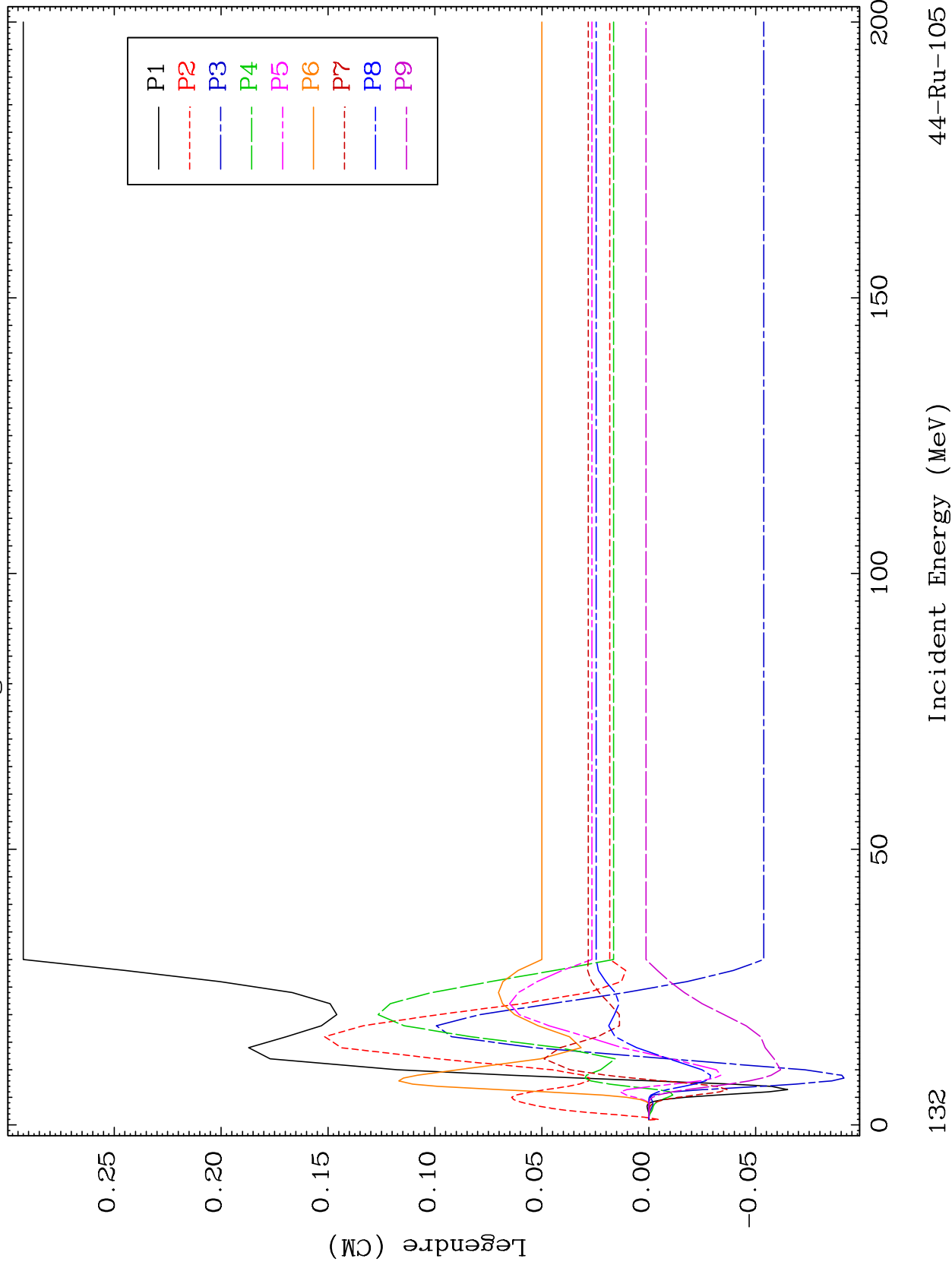
131

44-Ru-105

MAT 4452

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

44-Ru-105



132

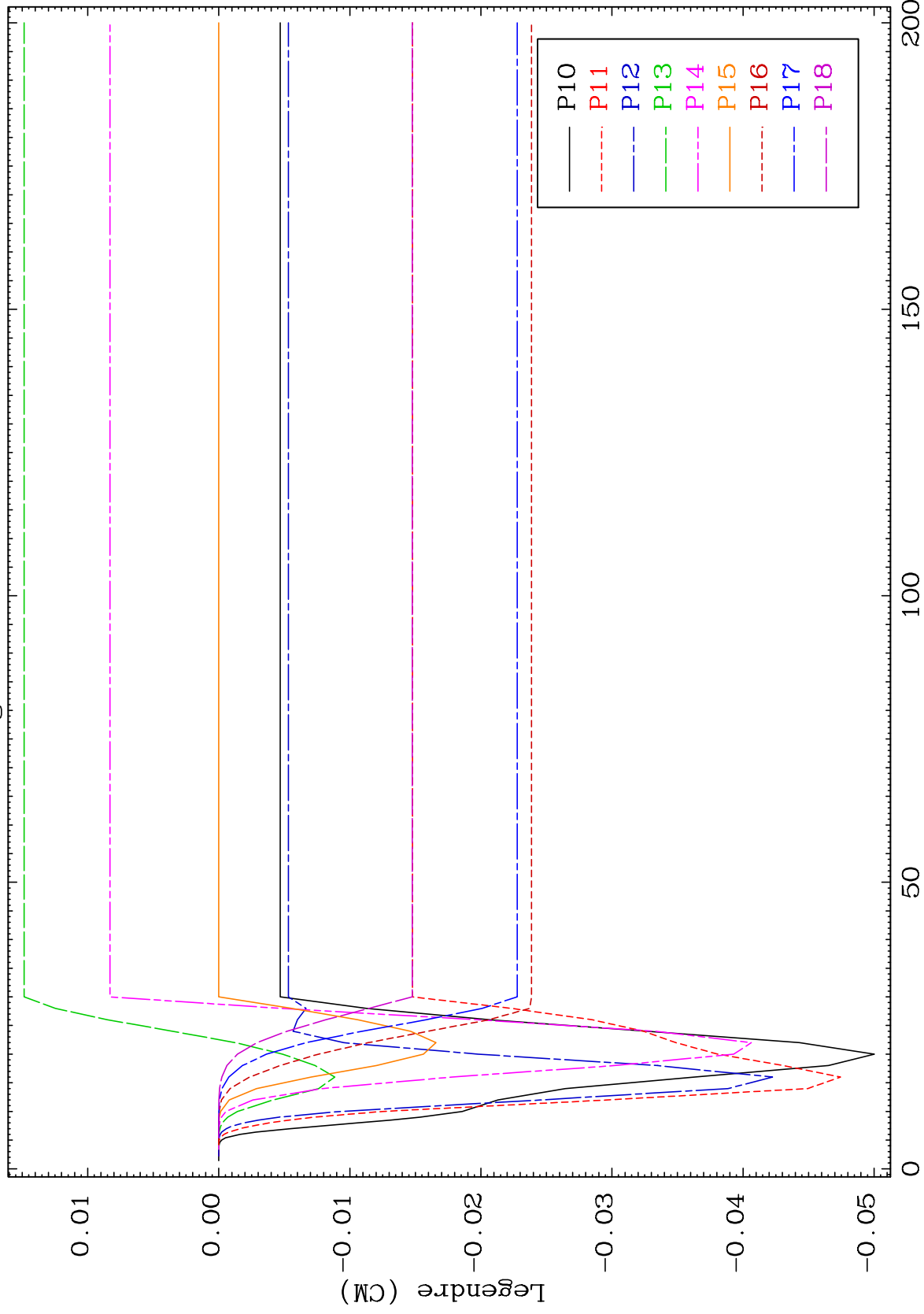
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

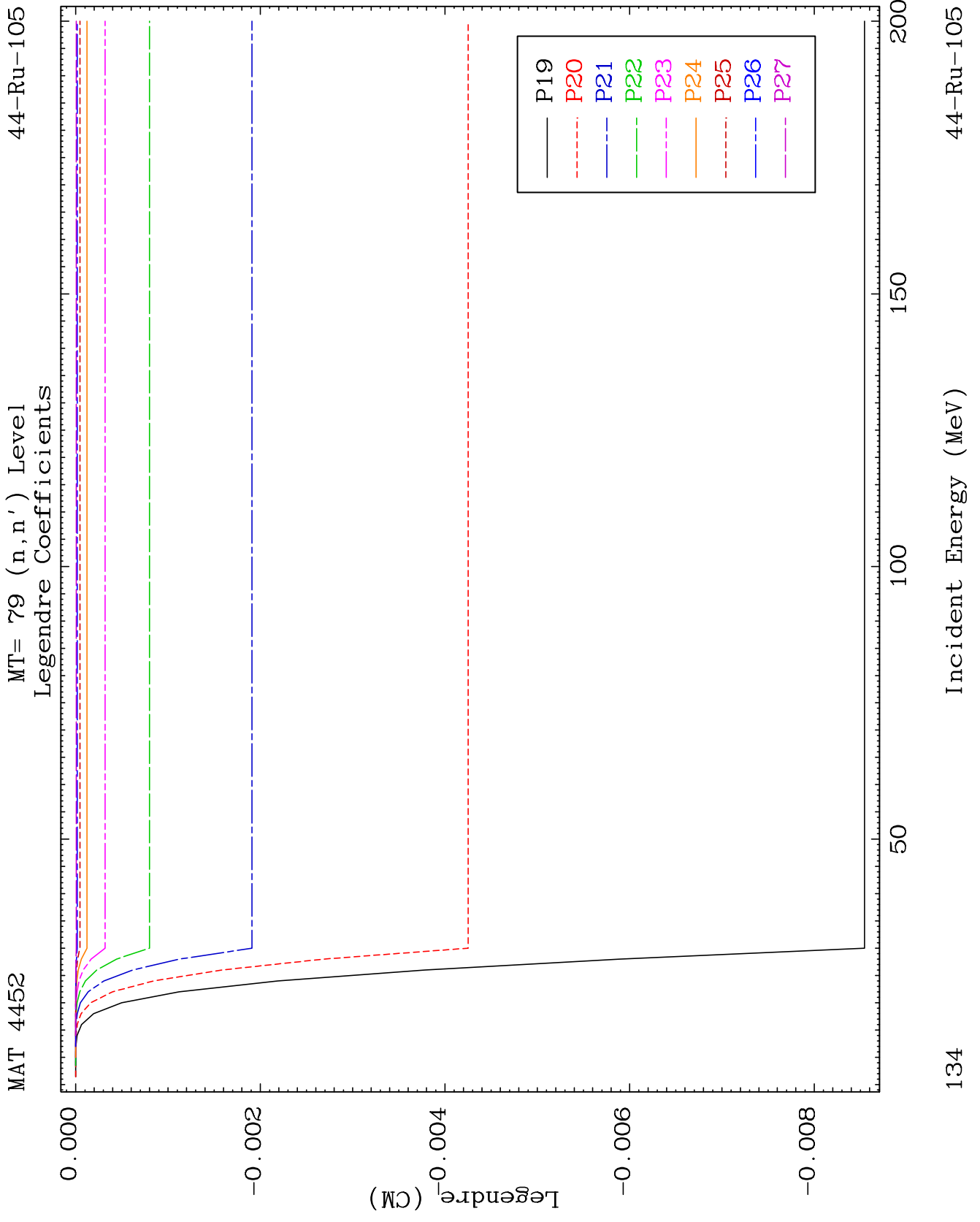
44-Ru-105

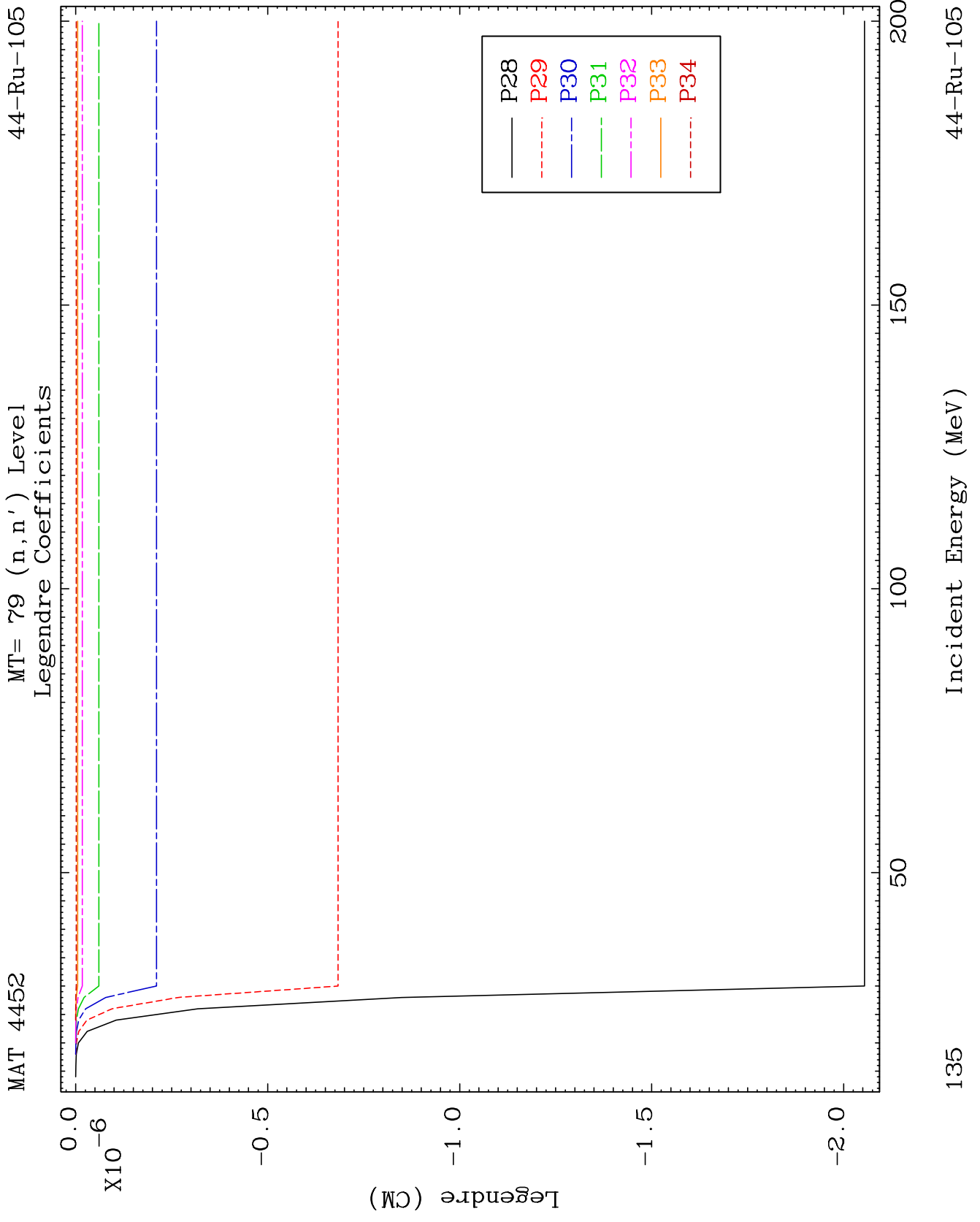


133

Incident Energy (MeV)

44-Ru-105

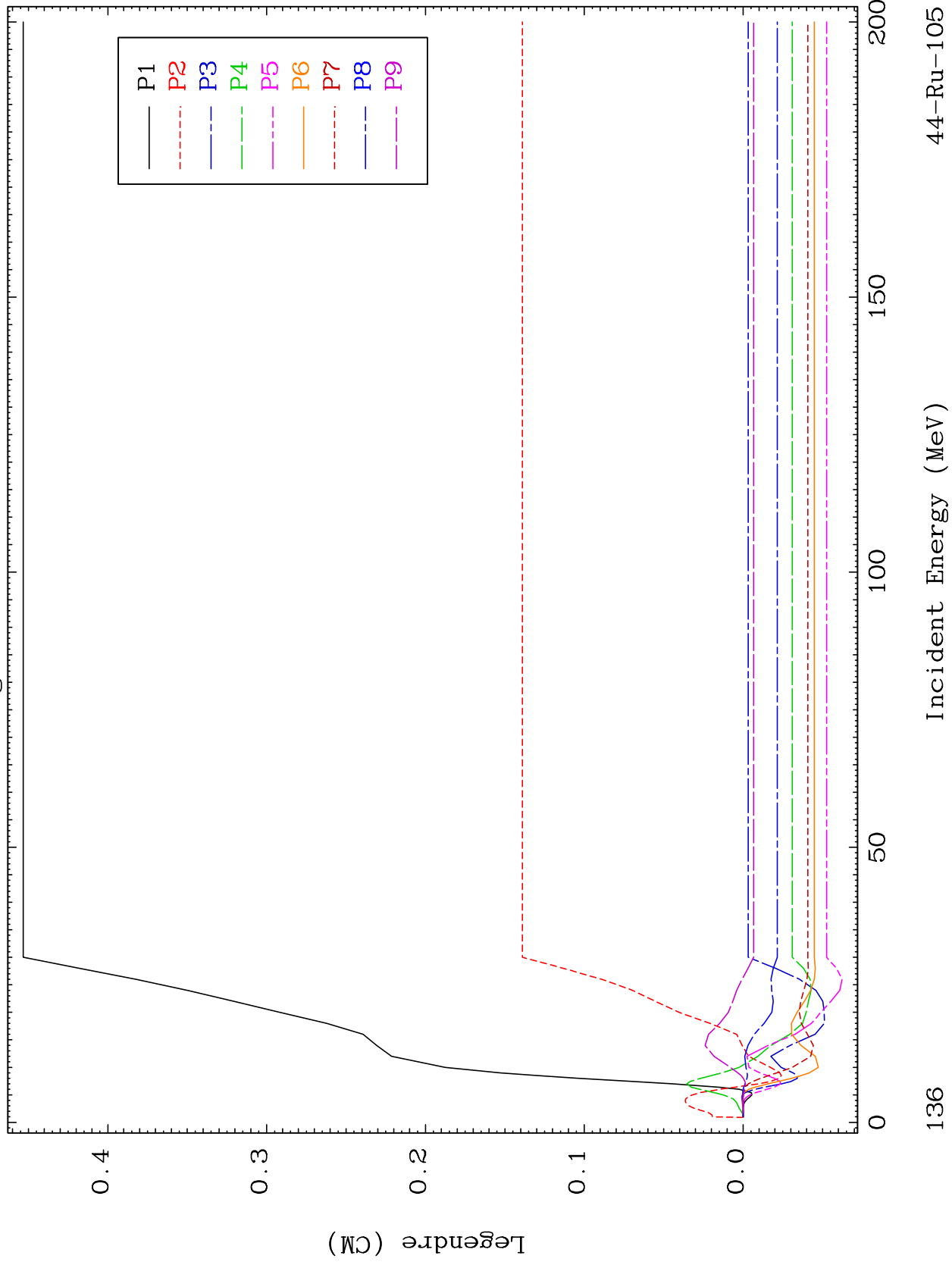




MAT 4452

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

44-Ru-105



136

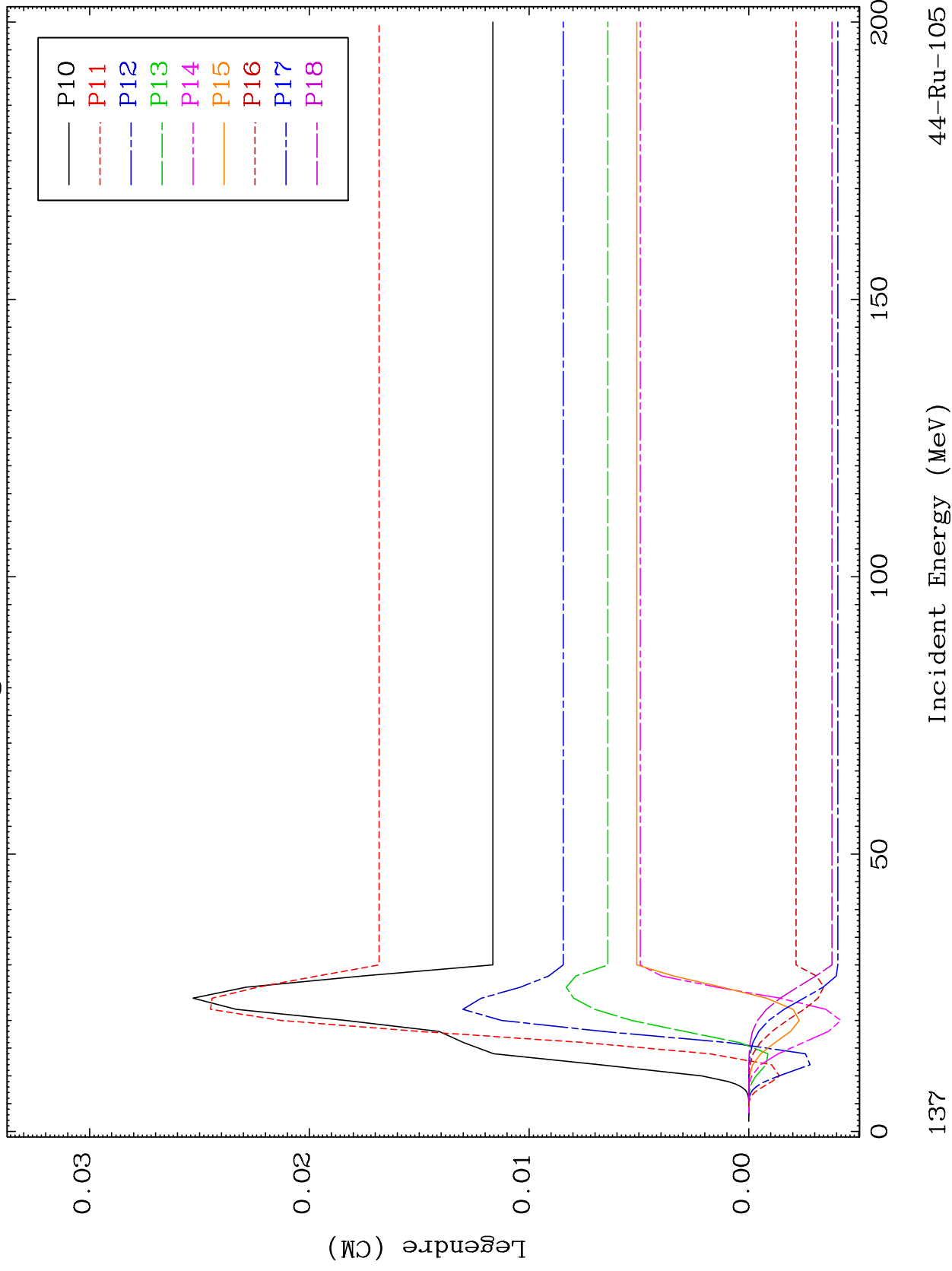
Incident Energy (MeV)

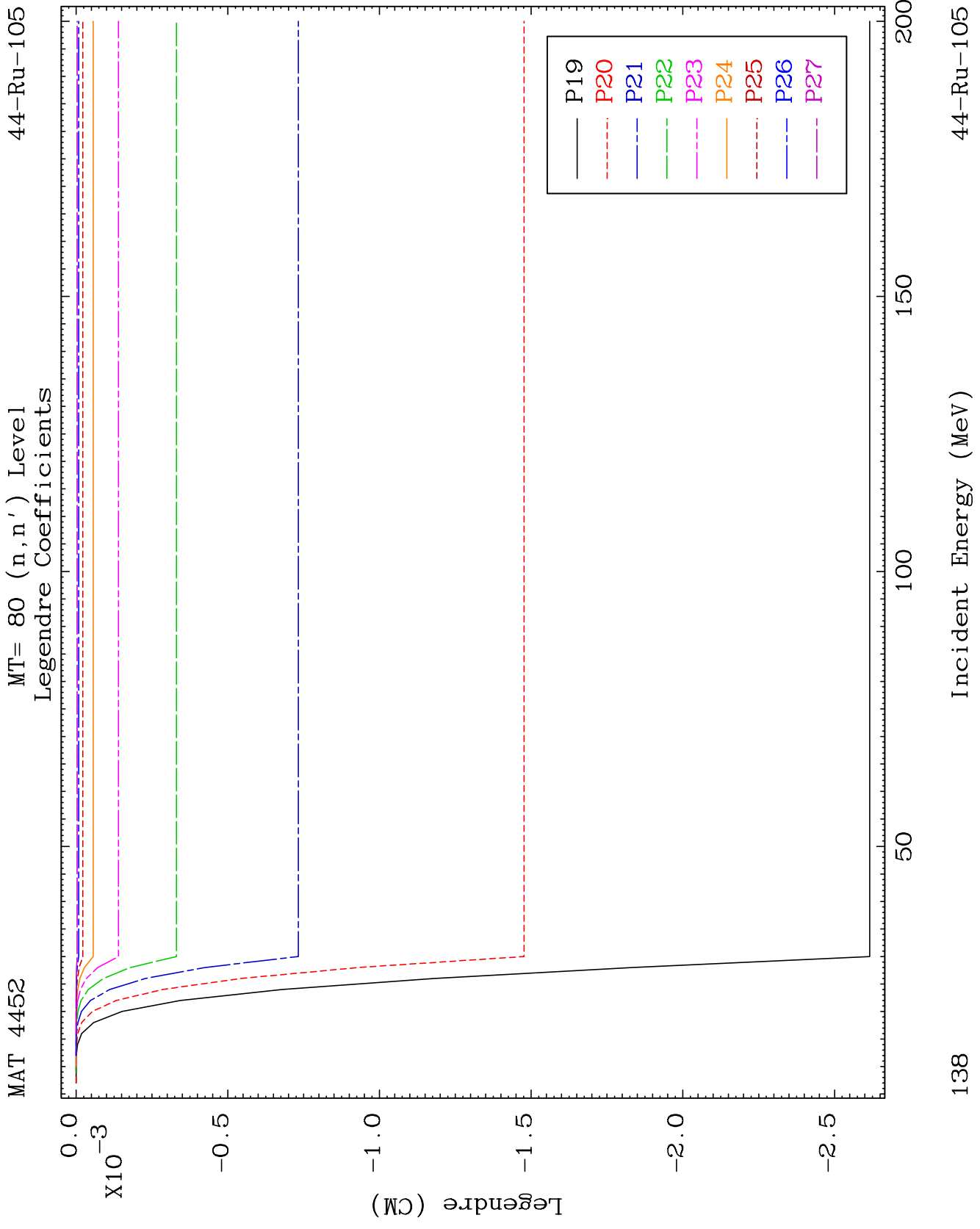
44-Ru-105

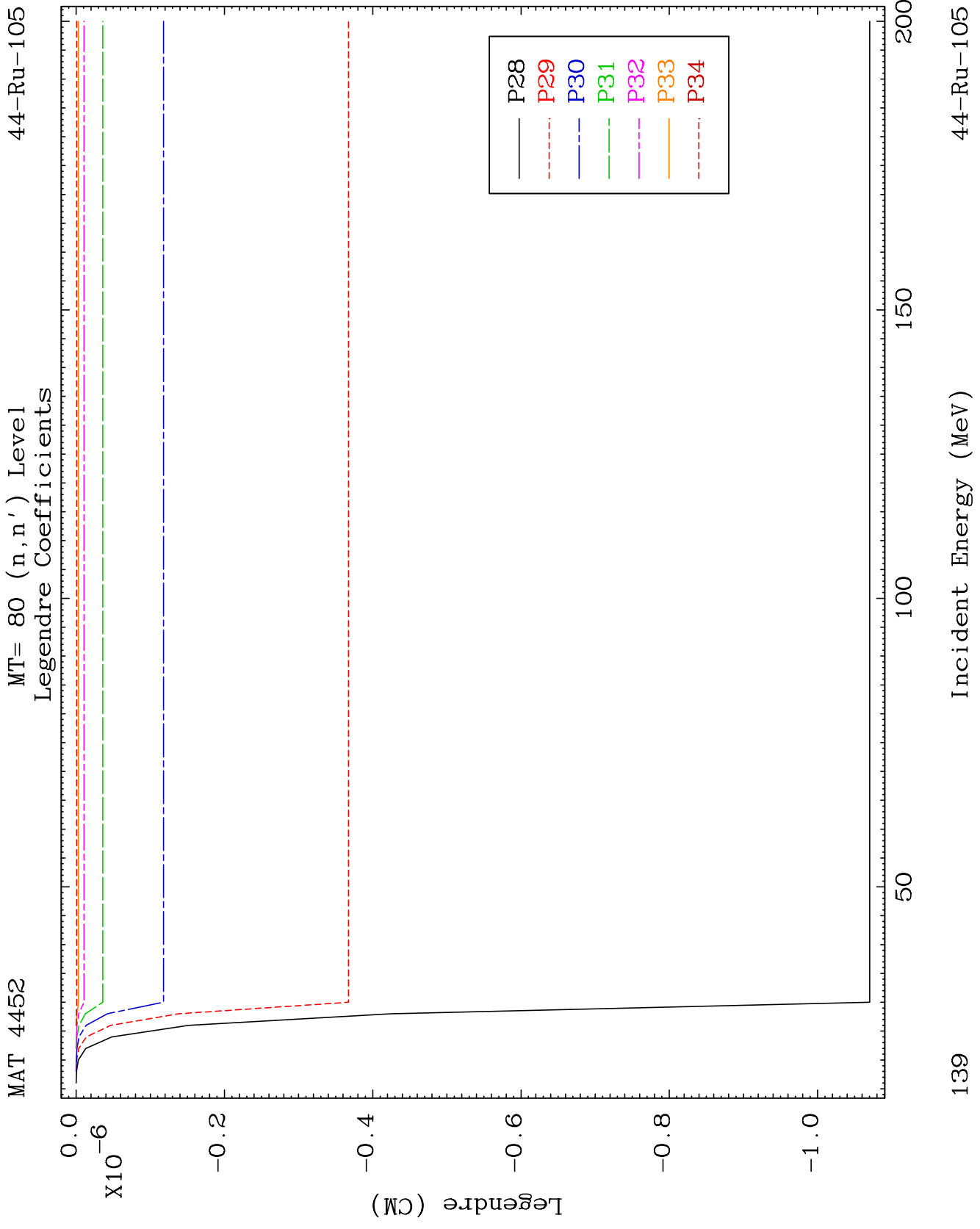
MAT 4452

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

44-Ru-105





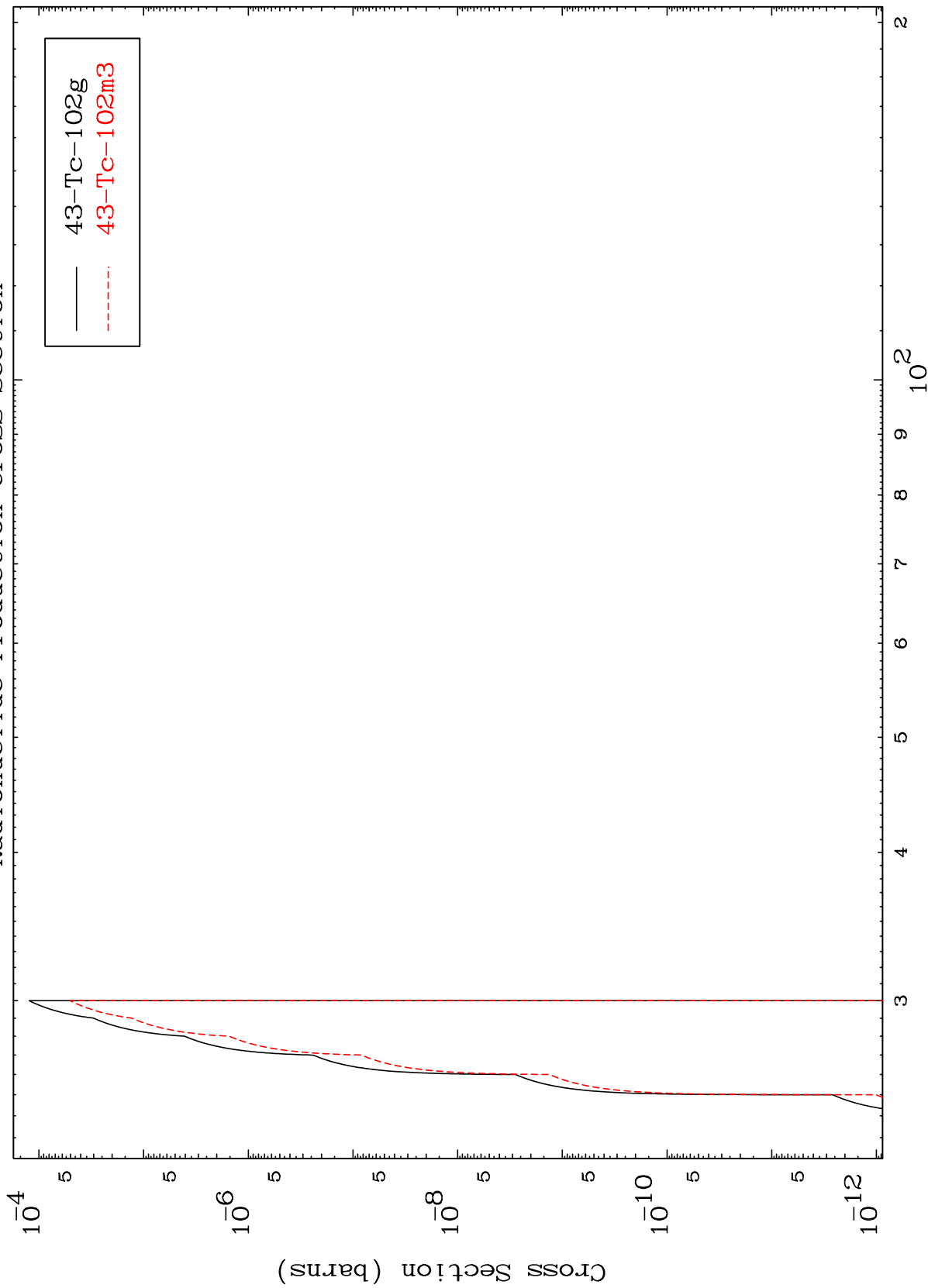


MAT 4452

(n,2n) d

44-Ru-105

Radionuclide Production Cross Section



140

Incident Energy (MeV)

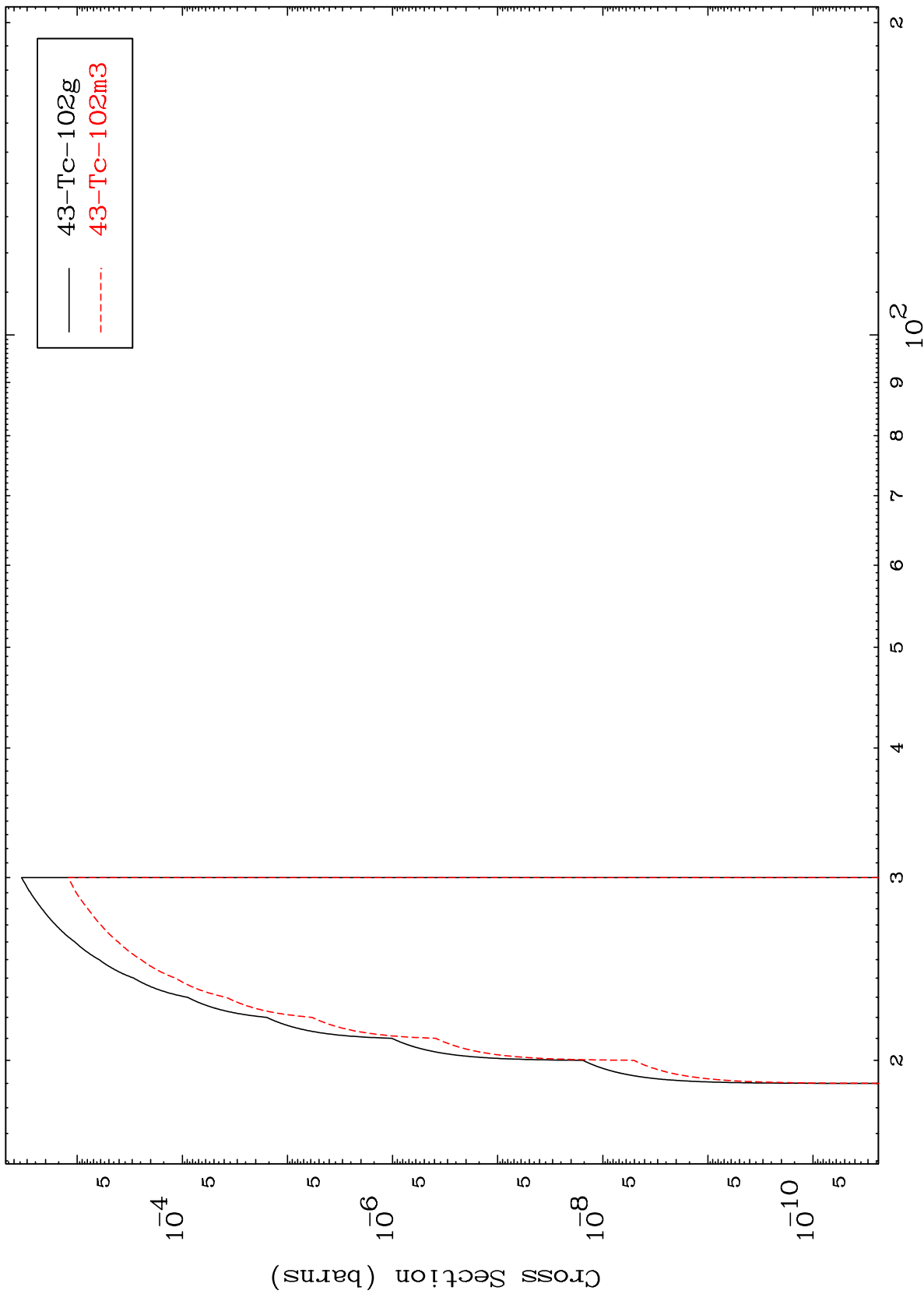
44-Ru-105

MAT 4452

(n,n') t

44-Ru-105

Radionuclide Production Cross Section



141

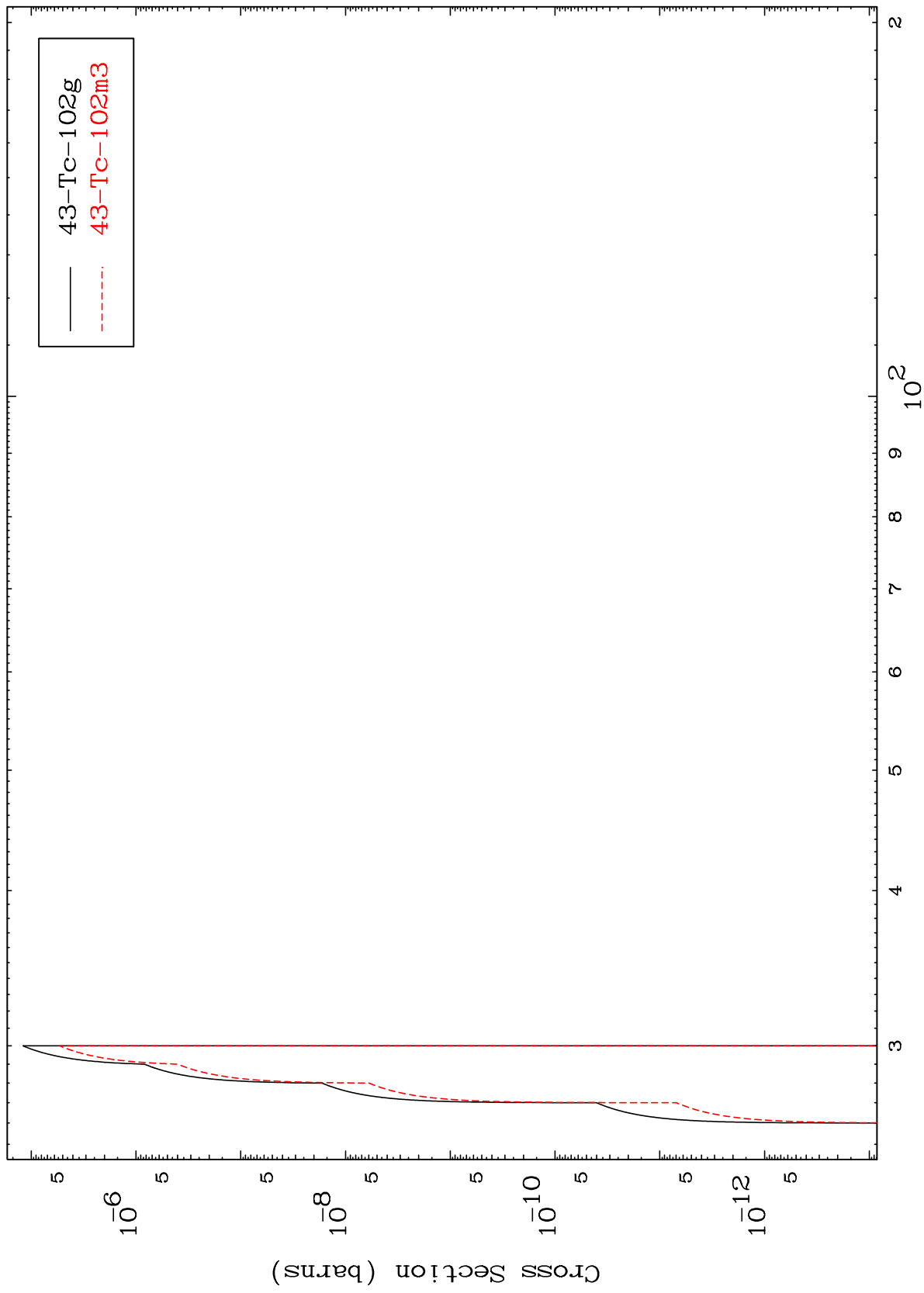
Incident Energy (MeV)

44-Ru-105

MAT 4452

44-Ru-105

(n,3n) p
Radionuclide Production Cross Section



142

Incident Energy (MeV)

44-Ru-105