

Program EVALPLOT
(Version 2021-1)

by

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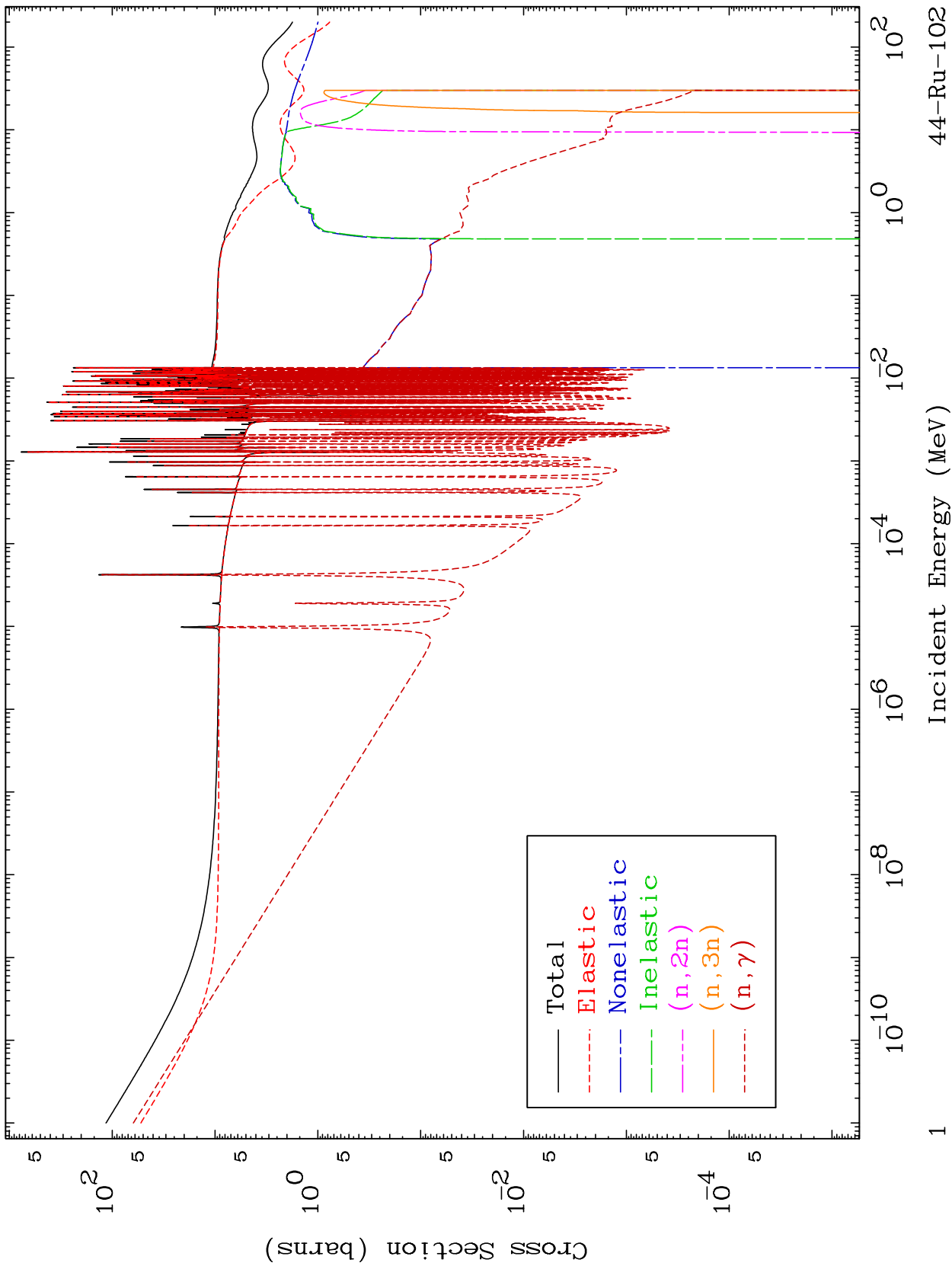
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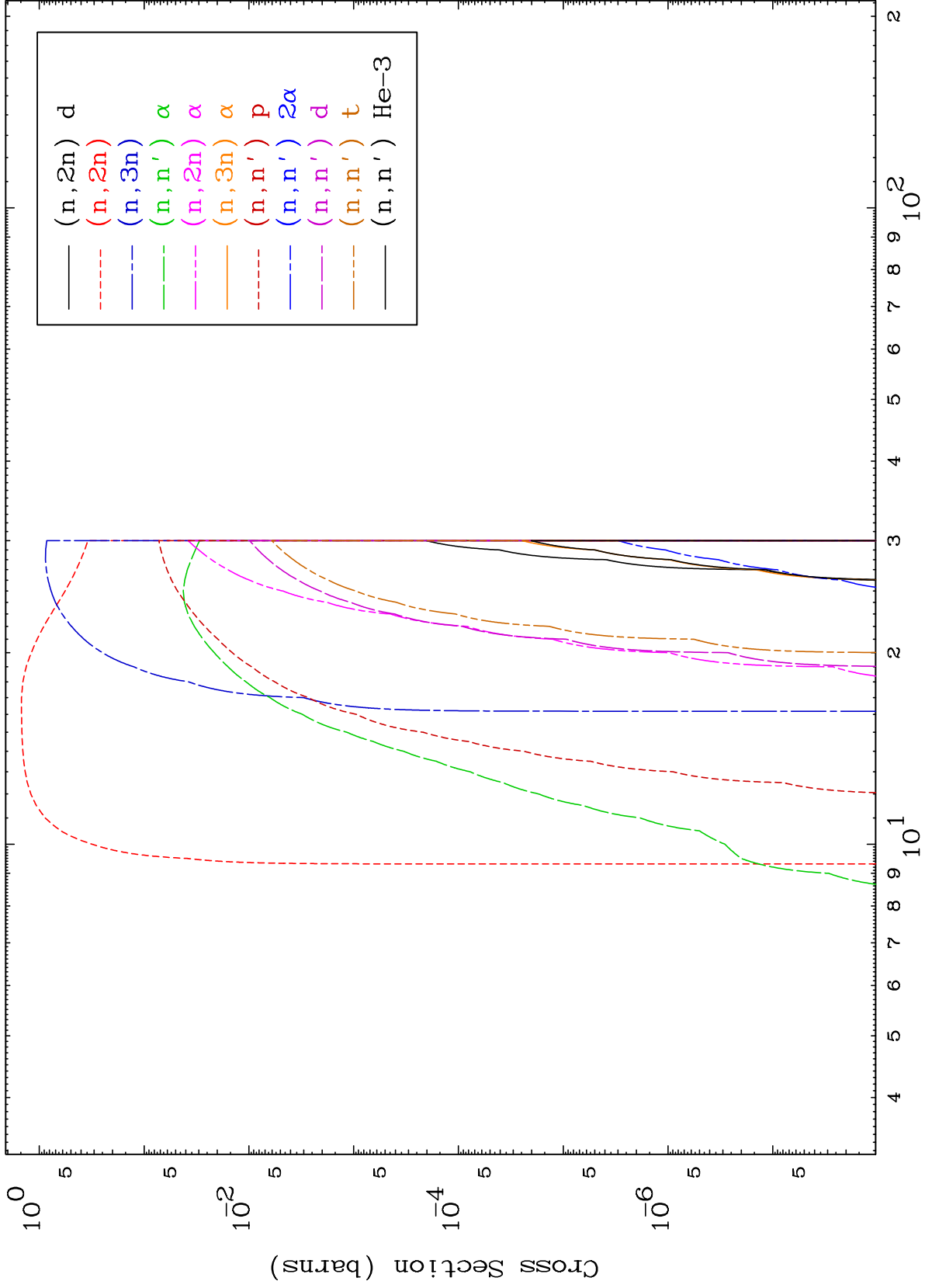
Press Mouse Button to Start

MAT 4443

Neutron Major
293 Kelvin Cross Sections

44-Ru-102

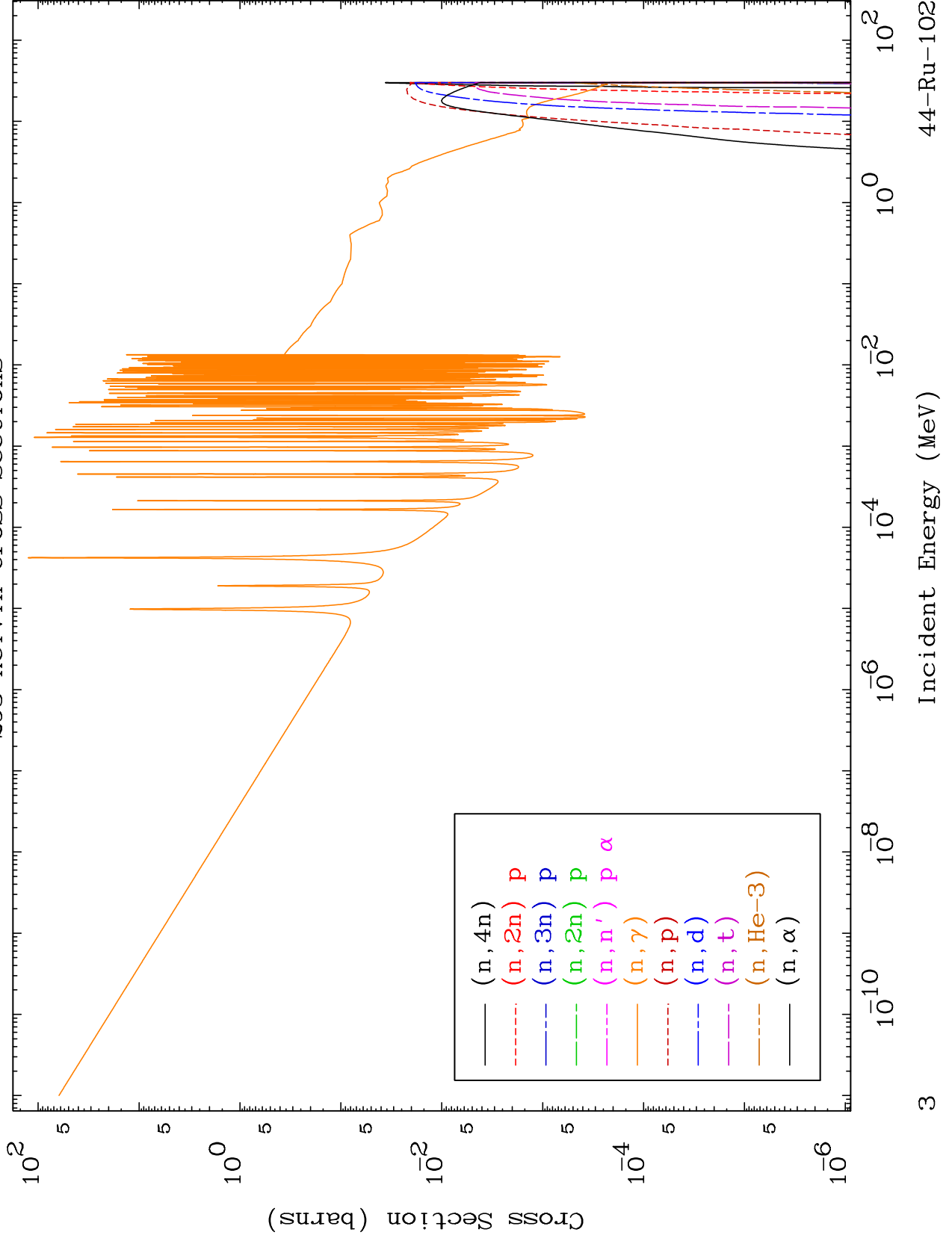




MAT 4443

Neutron Absorption
293 Kelvin Cross Sections

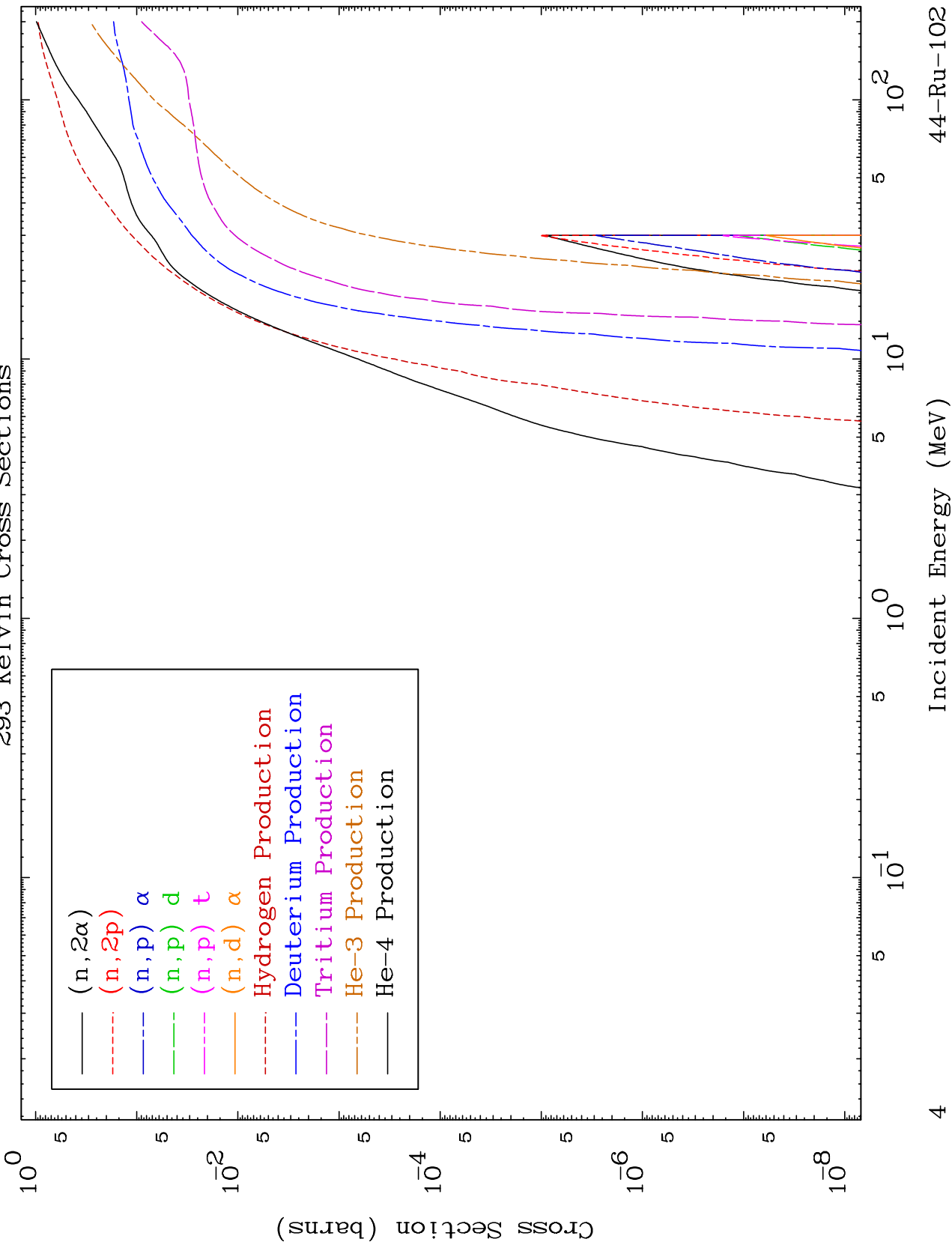
44-Ru-102



MAT 4443

Neutron Absorption
293 Kelvin Cross Sections

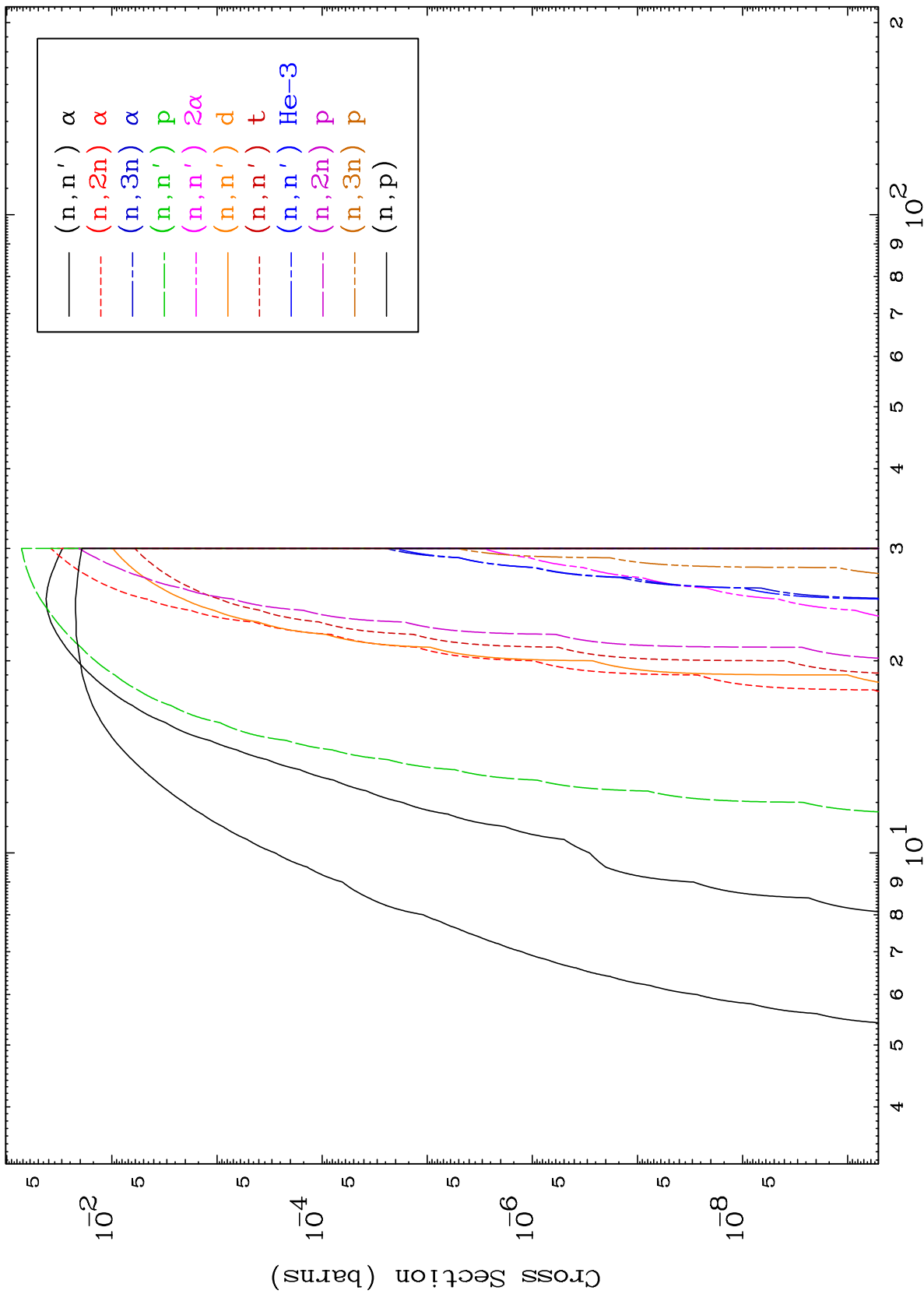
44-Ru-102



MAT 4443

Charged Particle
293 Kelvin Cross Sections

44-Ru-102



5

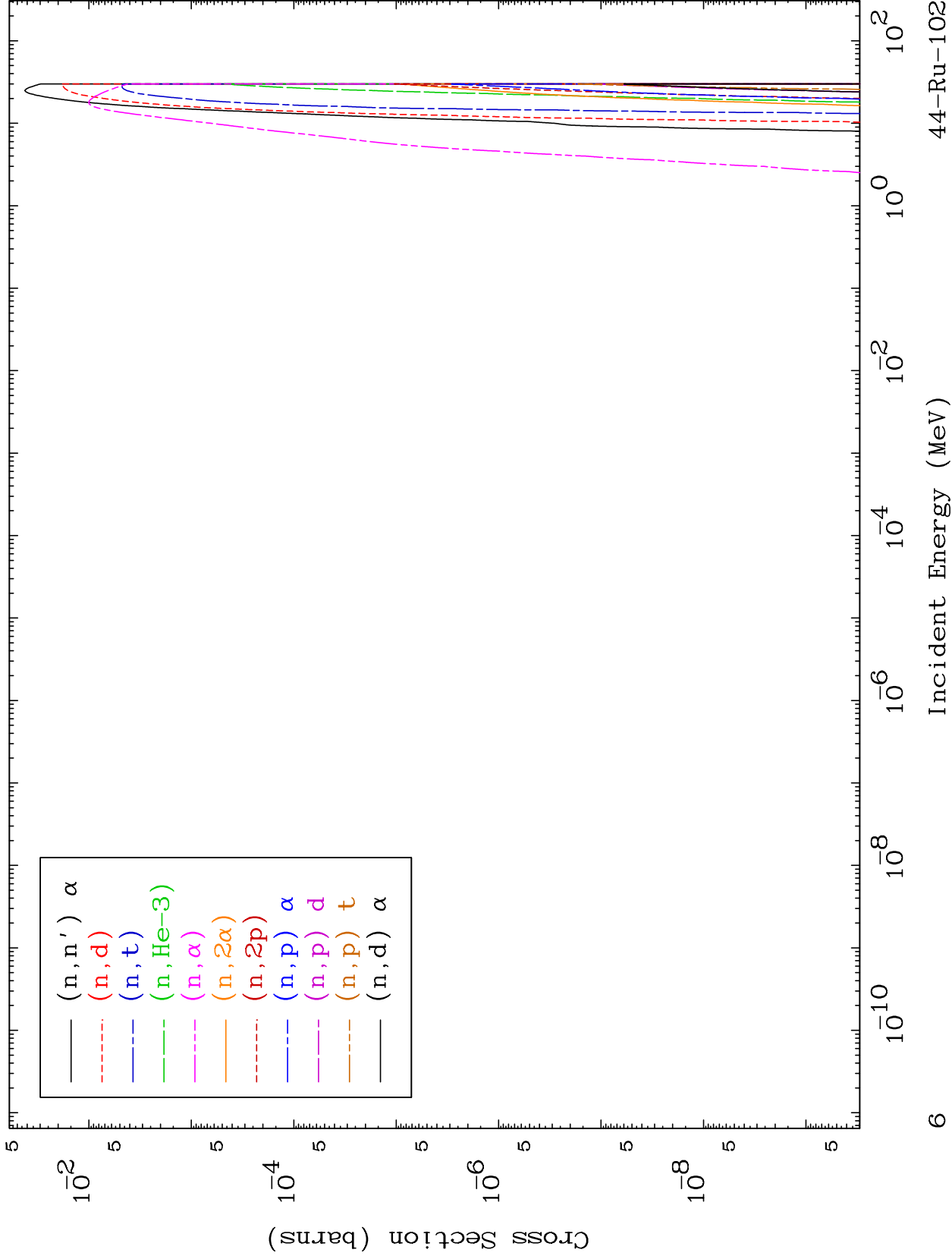
Incident Energy (MeV)

44-Ru-102

MAT 4443

Charged Particle
293 Kelvin Cross Sections

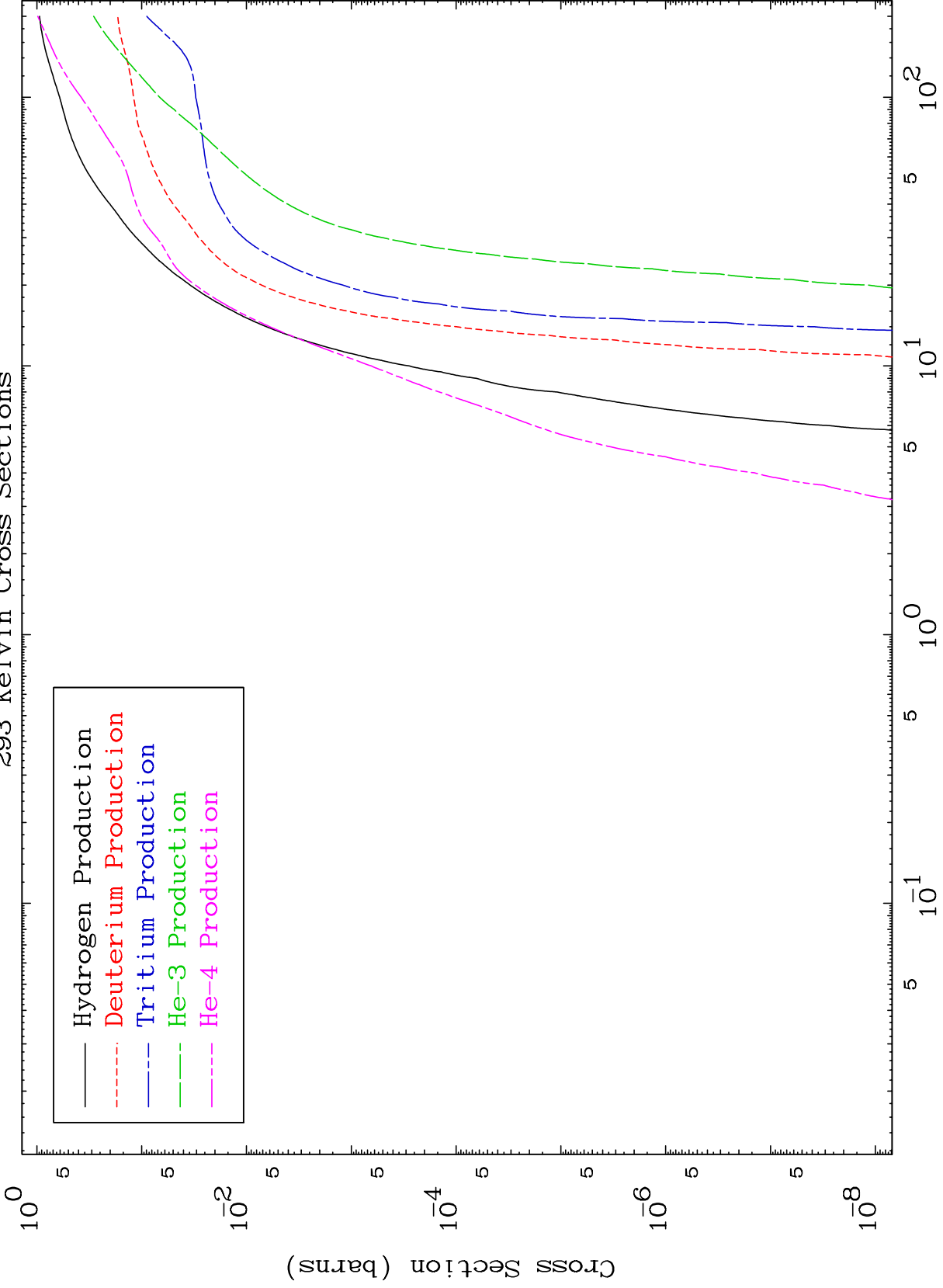
44-Ru-102



MAT 4443

Particle Production
293 Kelvin Cross Sections

44-Ru-102

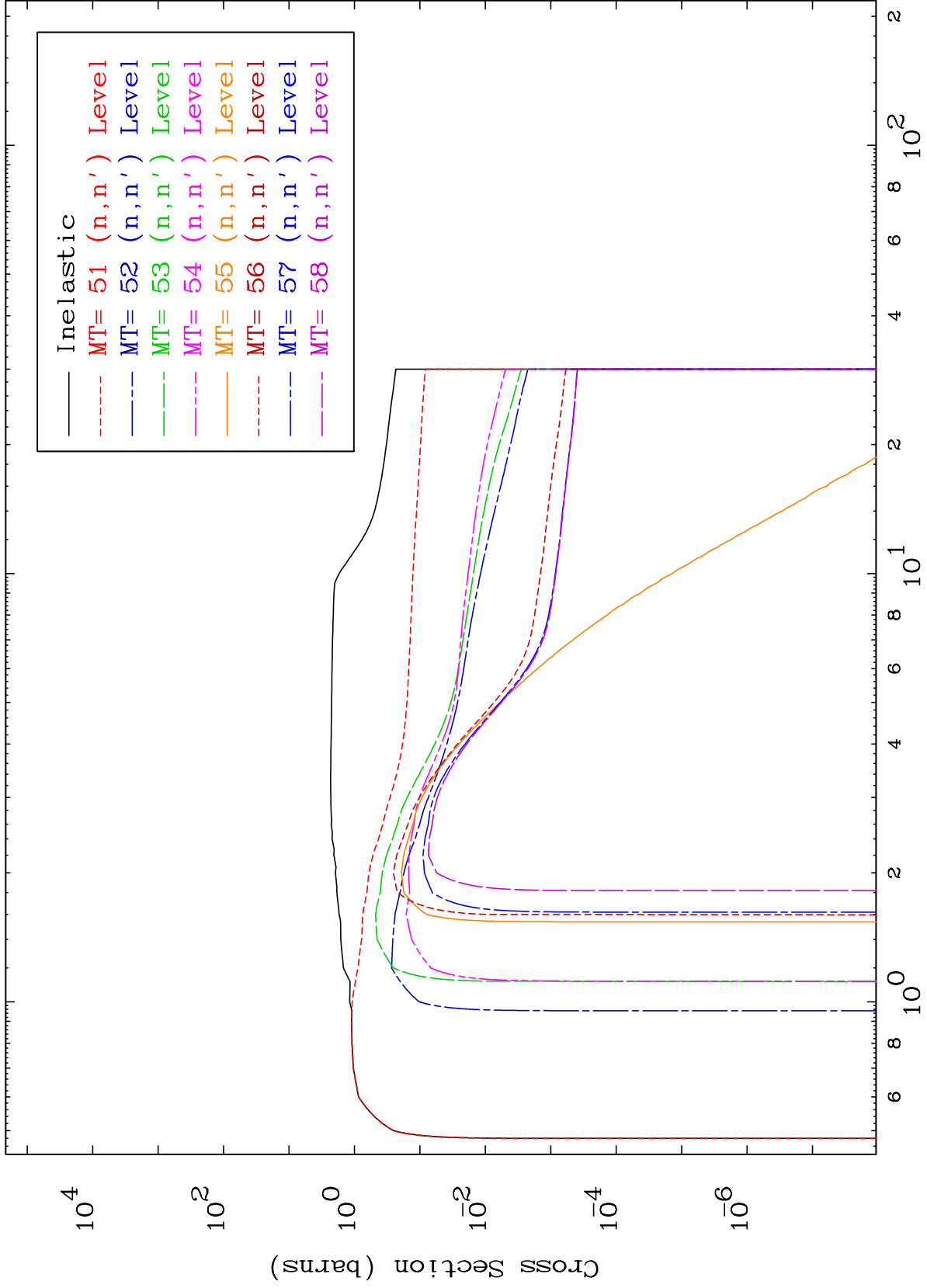


MAT 4443

(n,n') Levels

44-Ru-102

293 Kelvin Cross Sections



8

Incident Energy (MeV)

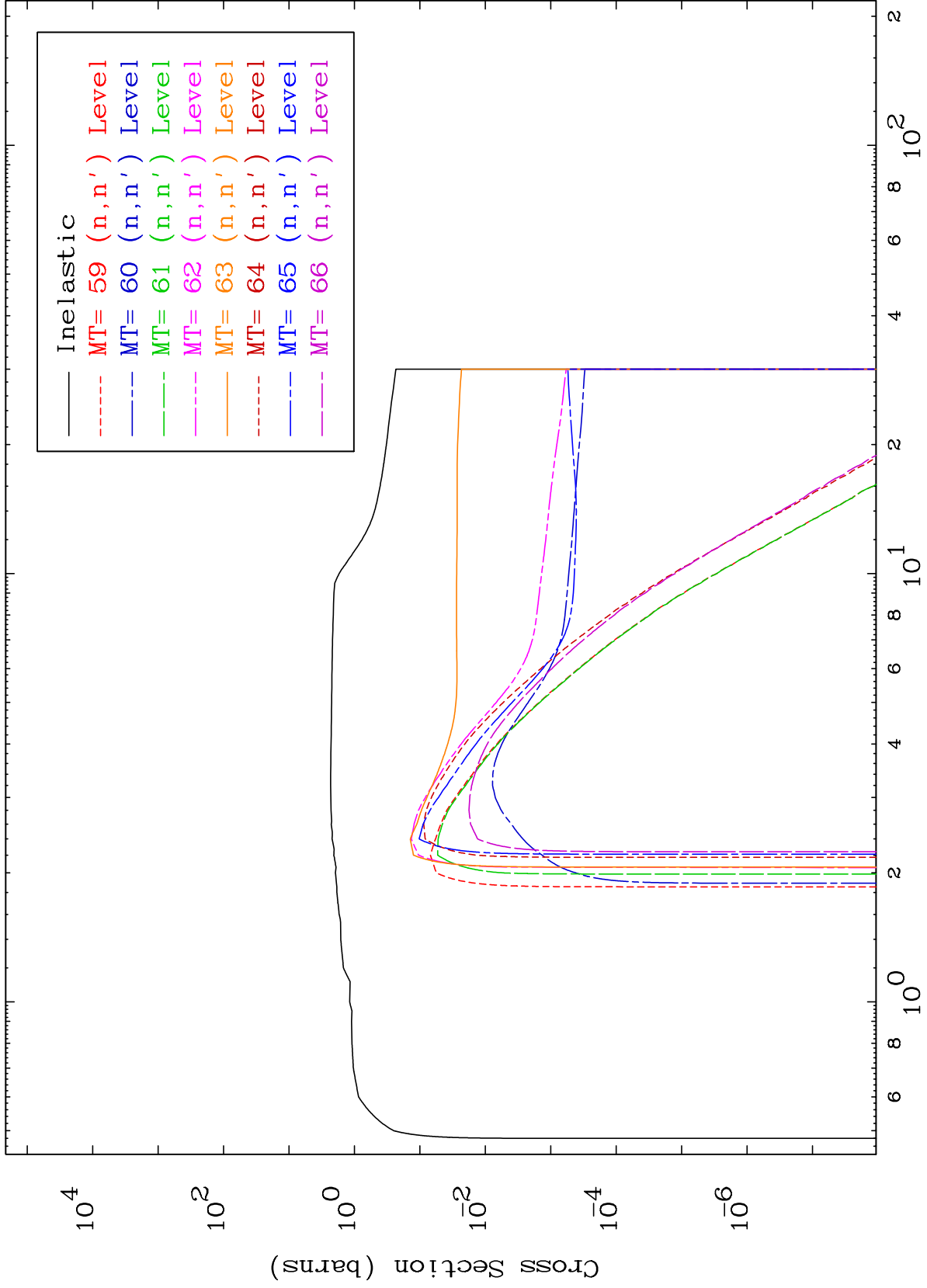
44-Ru-102

MAT 4443

(n,n') Levels

44-Ru-102

293 Kelvin Cross Sections

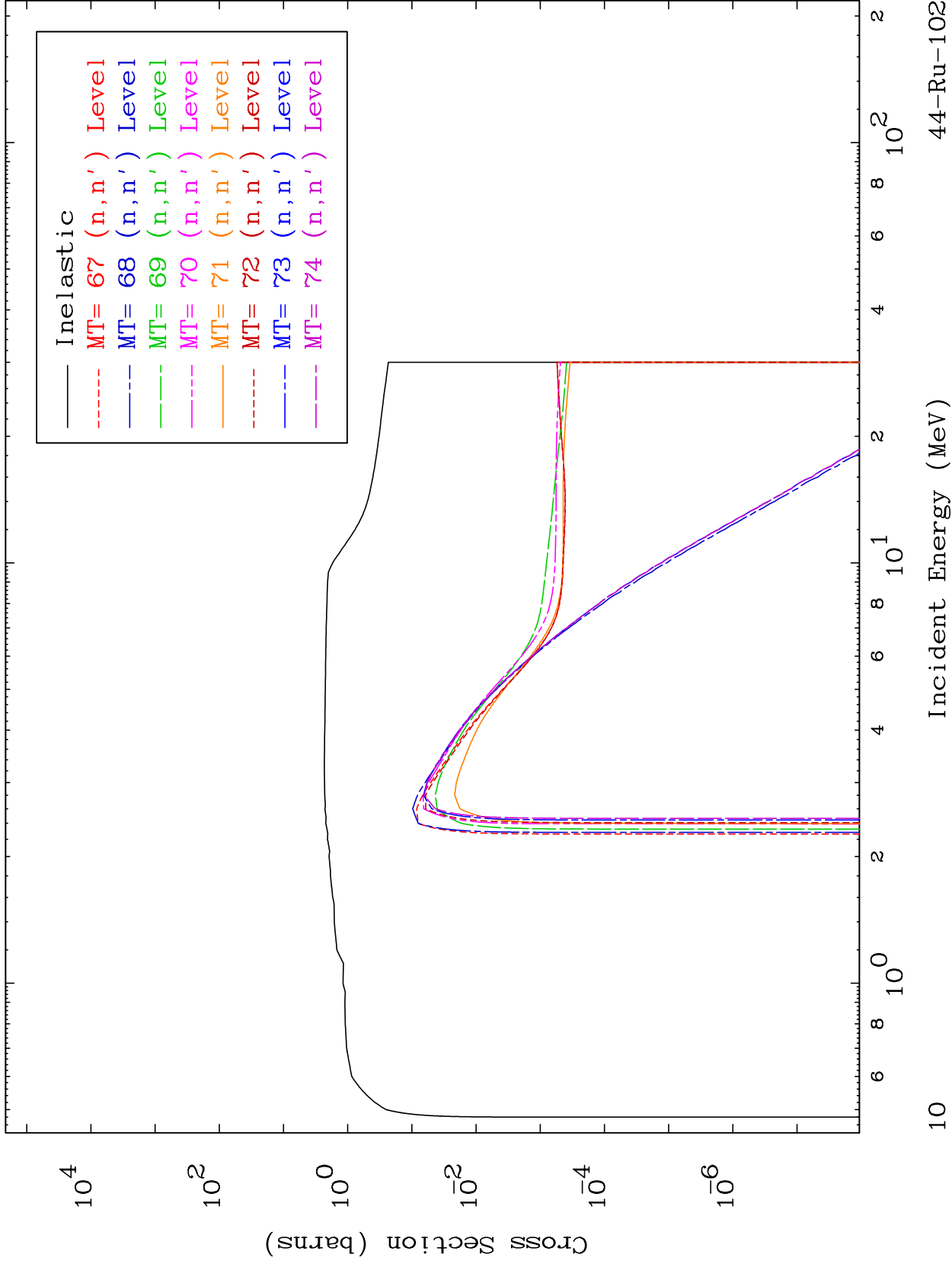


MAT 4443

(n,n') Levels

44-Ru-102

293 Kelvin Cross Sections



10

Incident Energy (MeV)

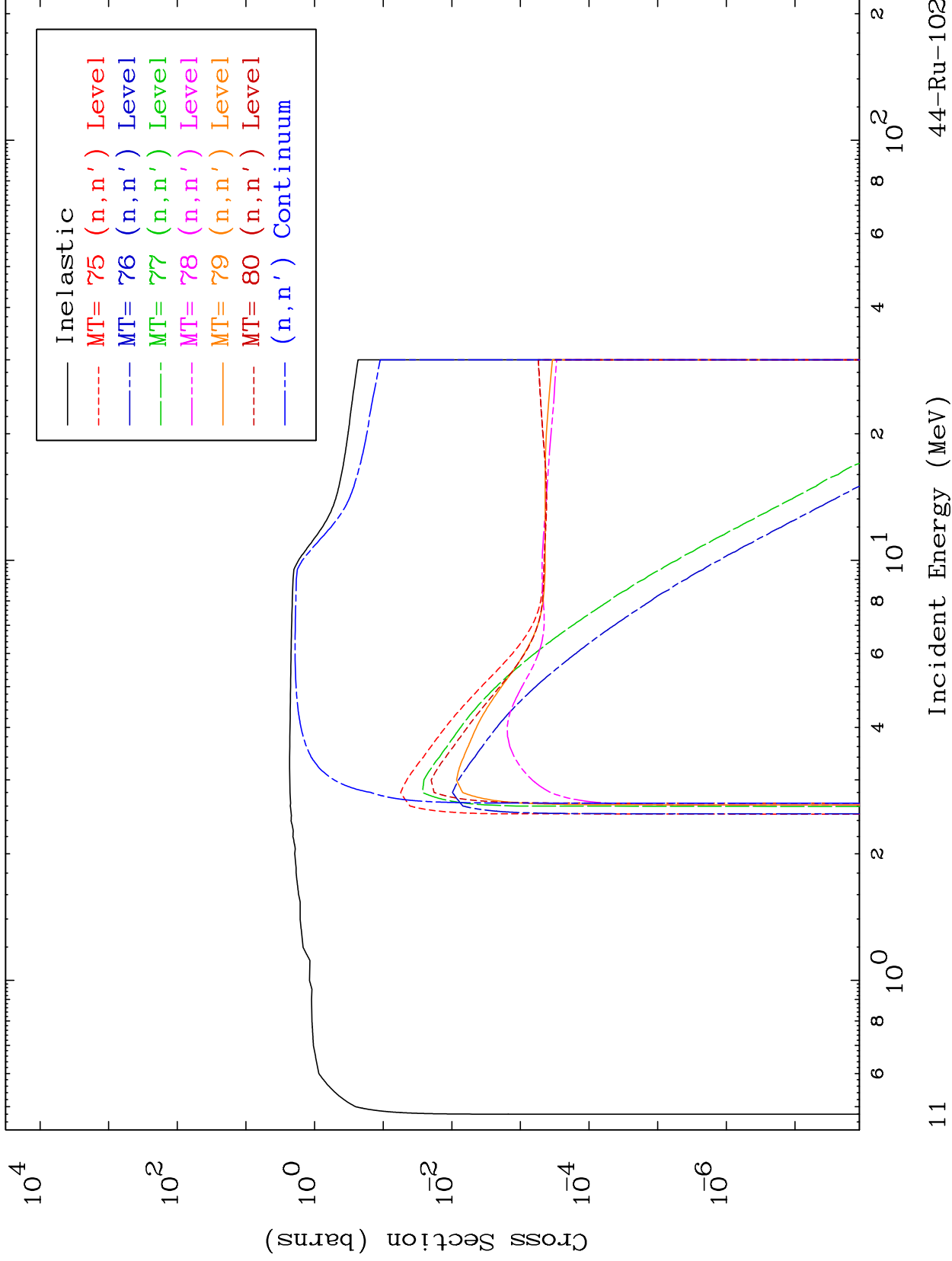
44-Ru-102

MAT 4443

(n,n') Levels

44-Ru-102

293 Kelvin Cross Sections



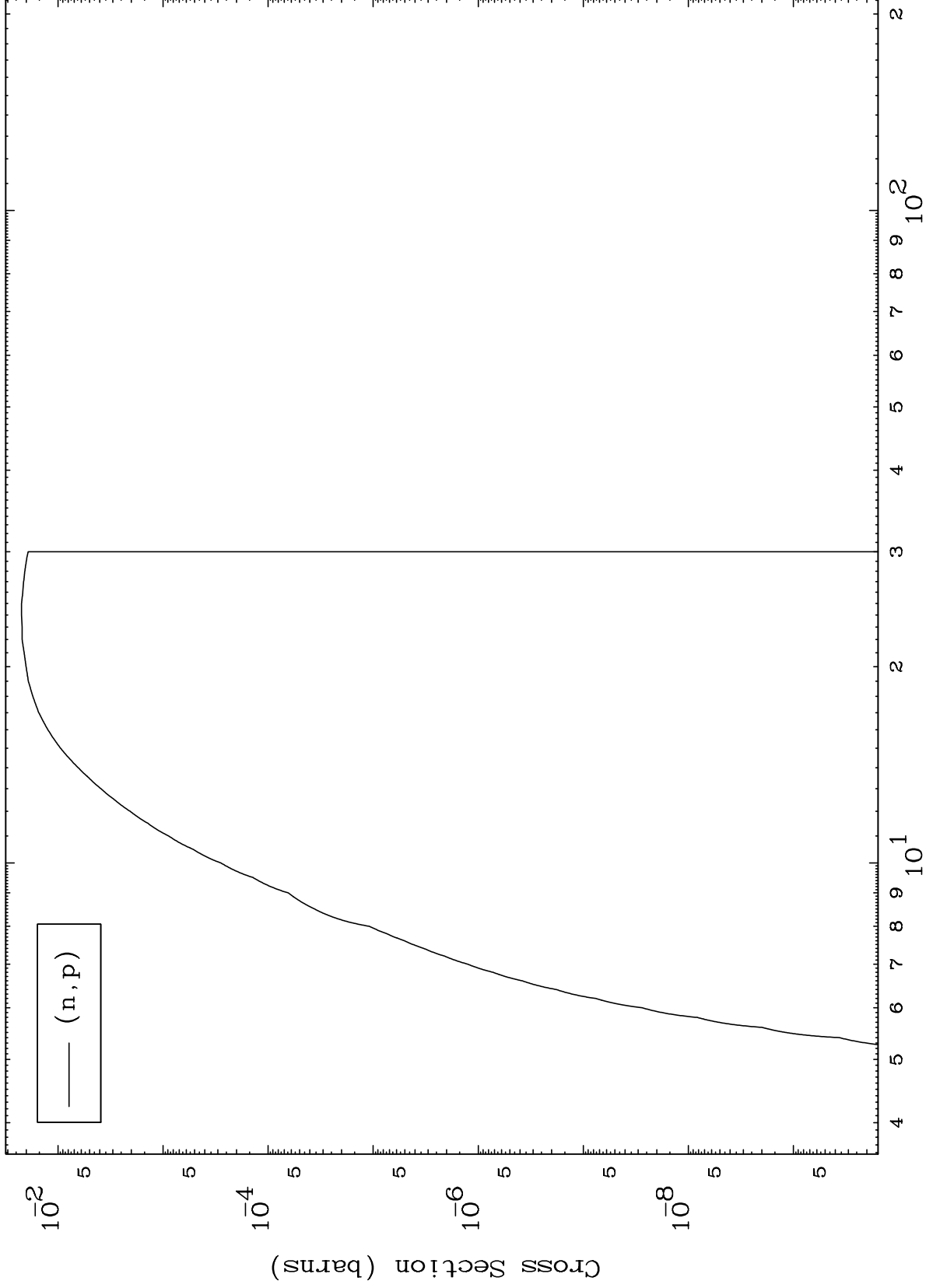
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44-Ru-102

MAT 4443

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-102



12

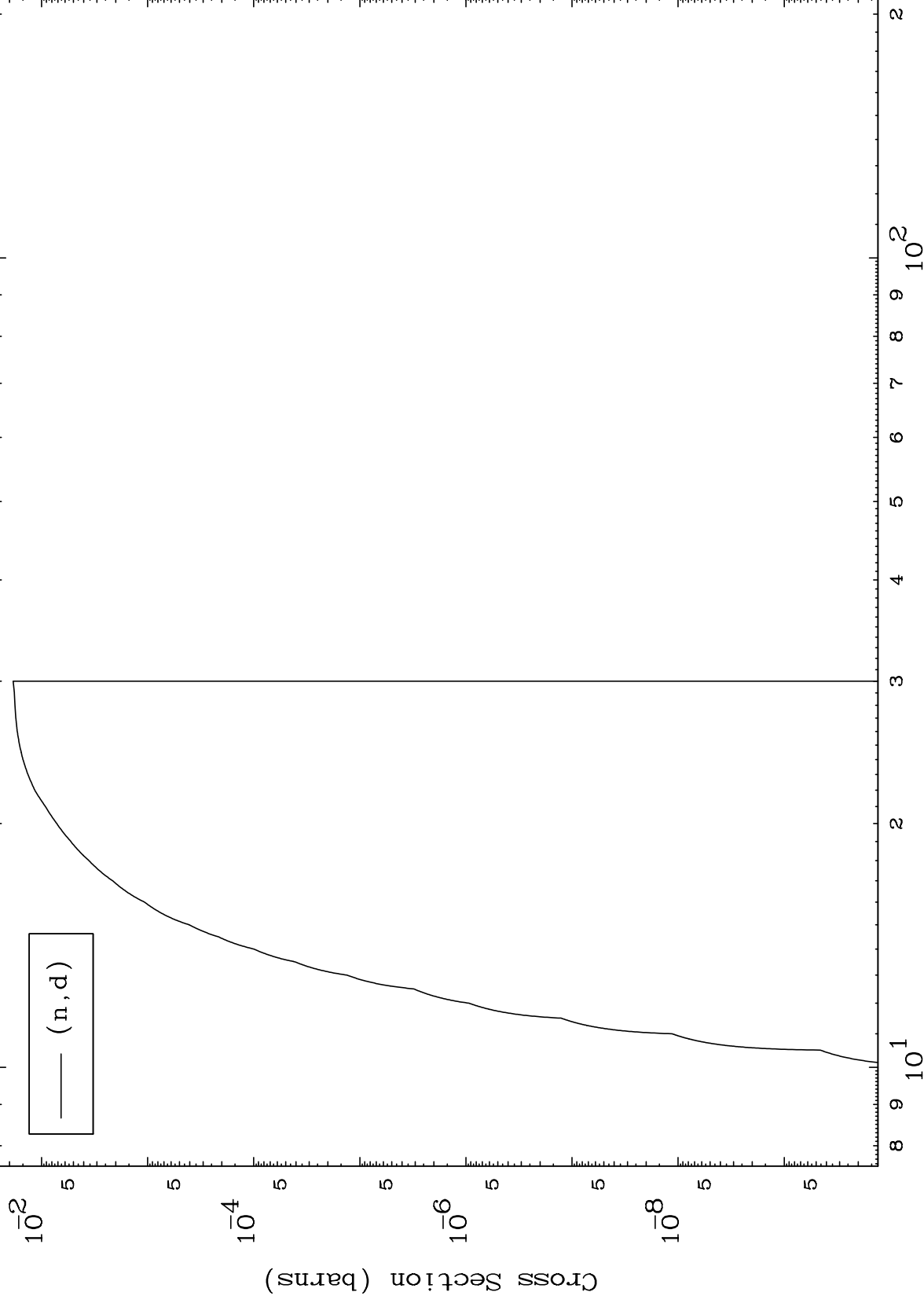
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-102



13

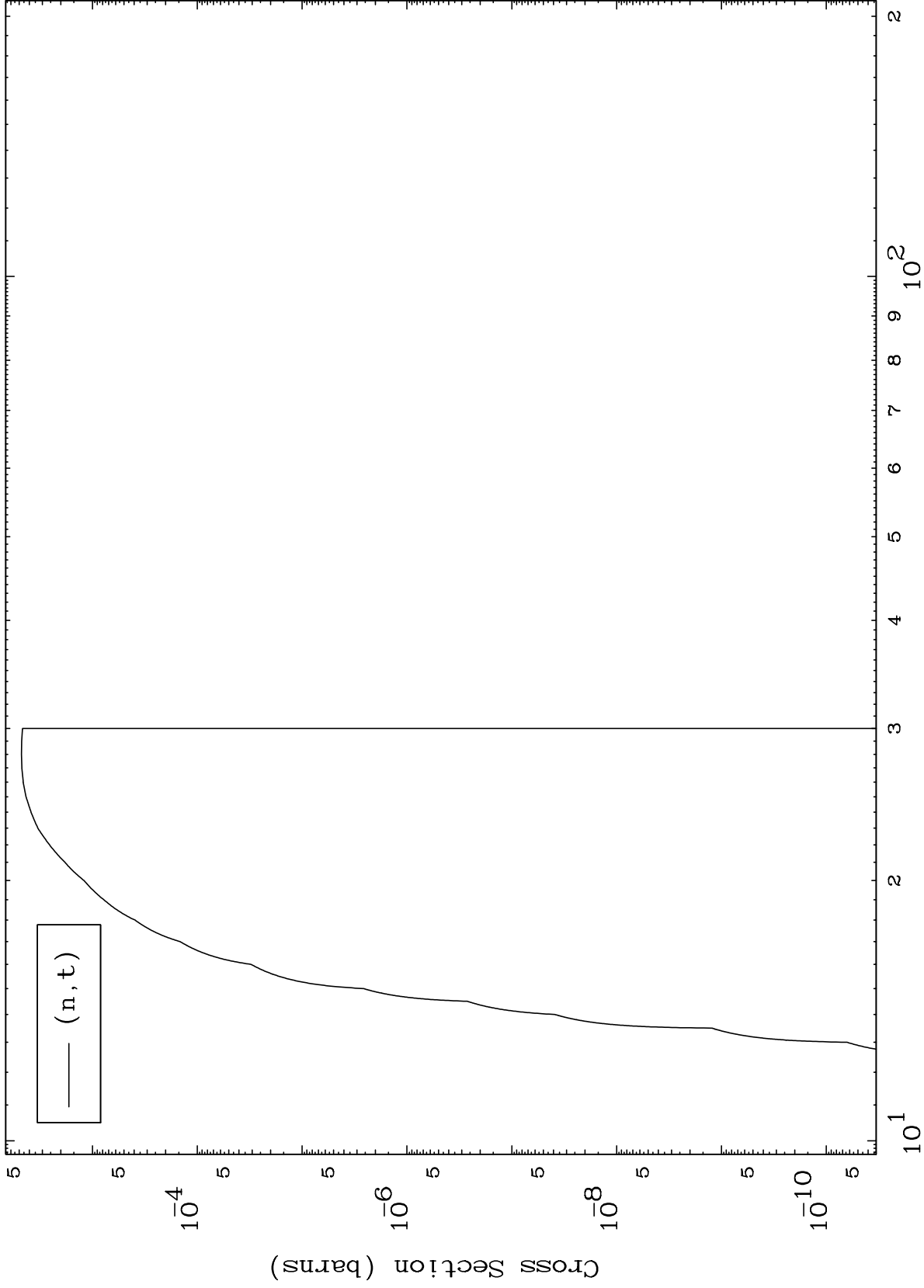
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-102



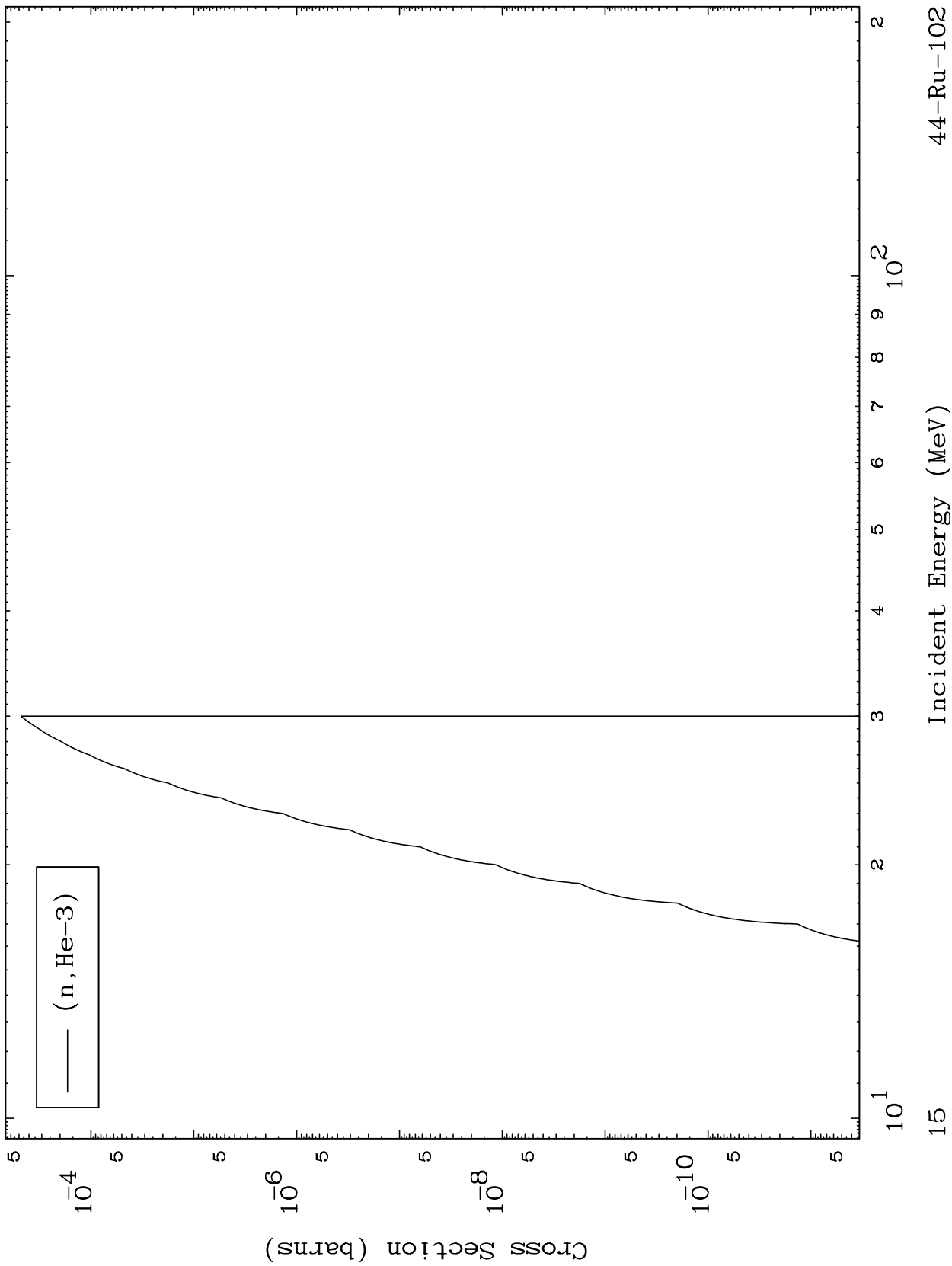
Incident Energy (MeV)

44-Ru-102

MAT 4443

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-102



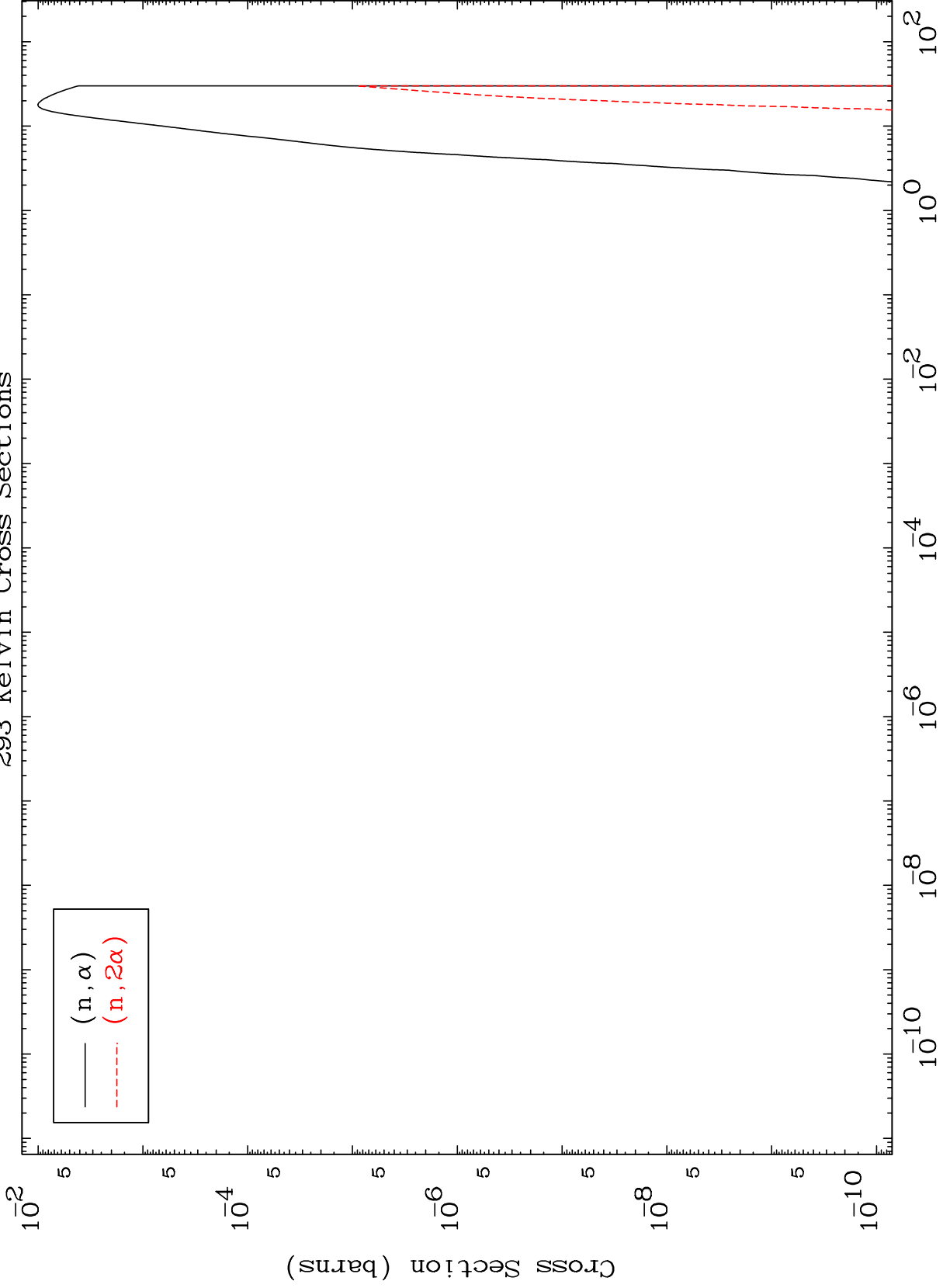
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Incident Energy (MeV)

MAT 4443

(n, α) Levels
293 Kelvin Cross Sections

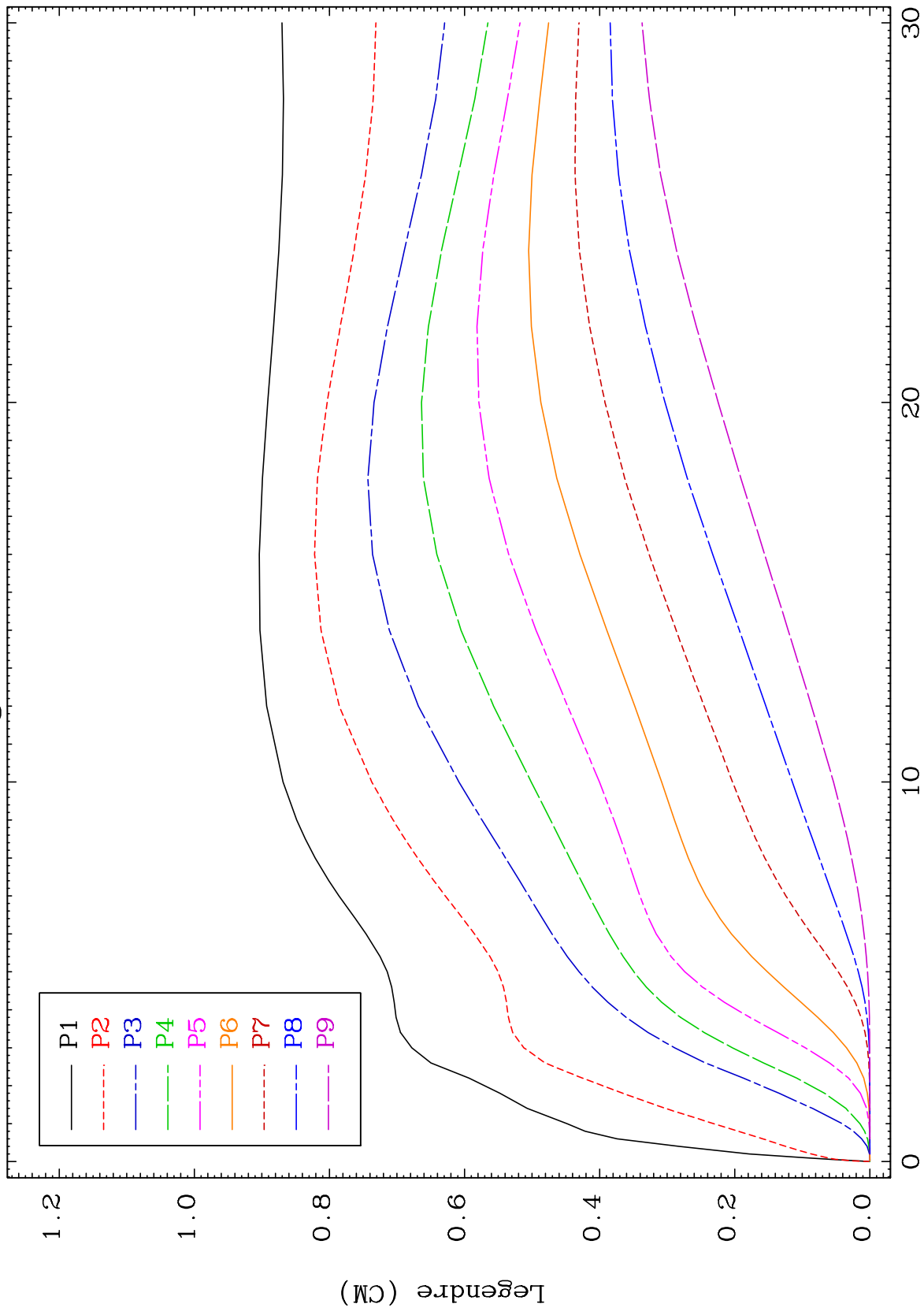
44-Ru-102



MAT 4443

Elastic Legendre Coefficients

44-Ru-102



17

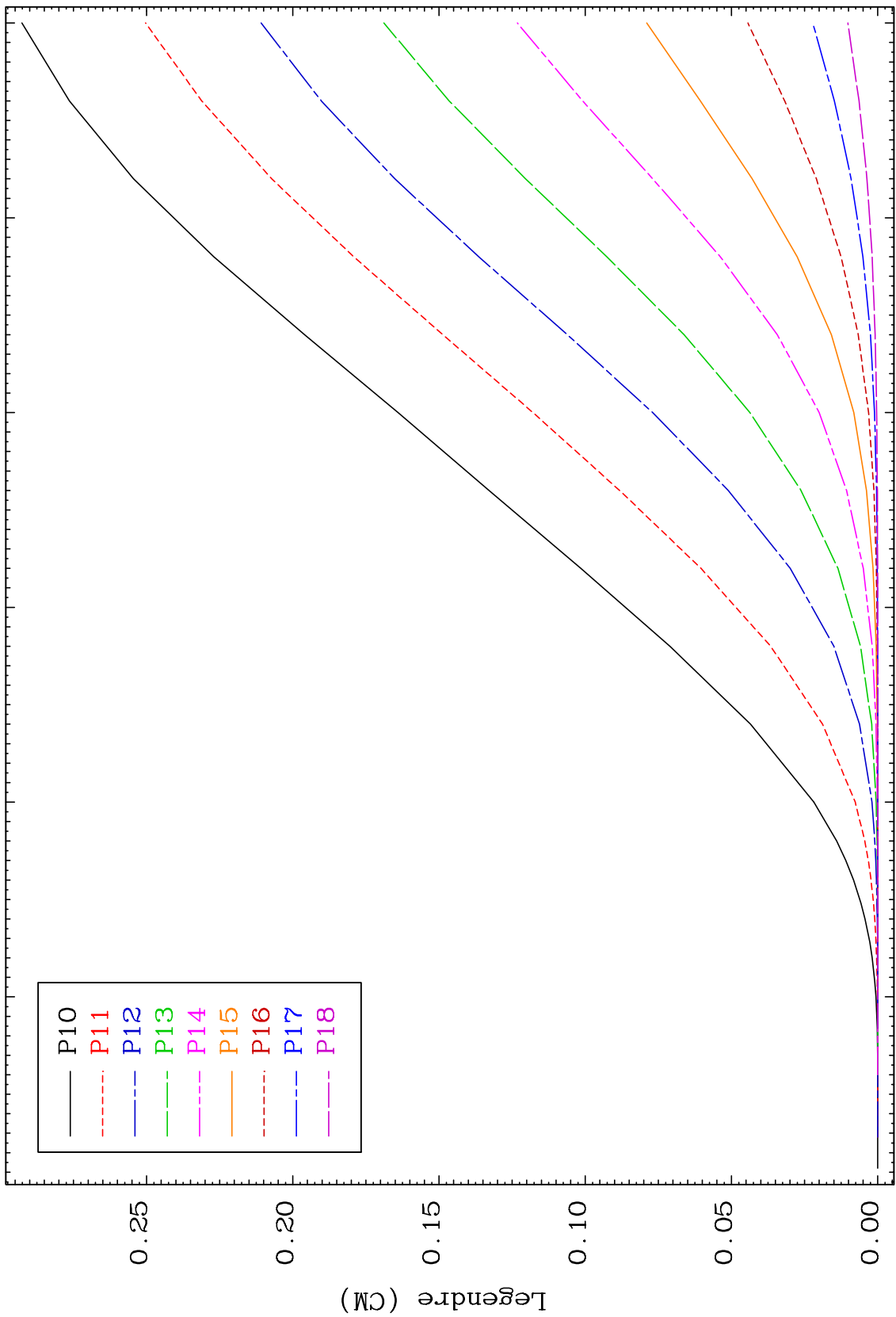
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



18

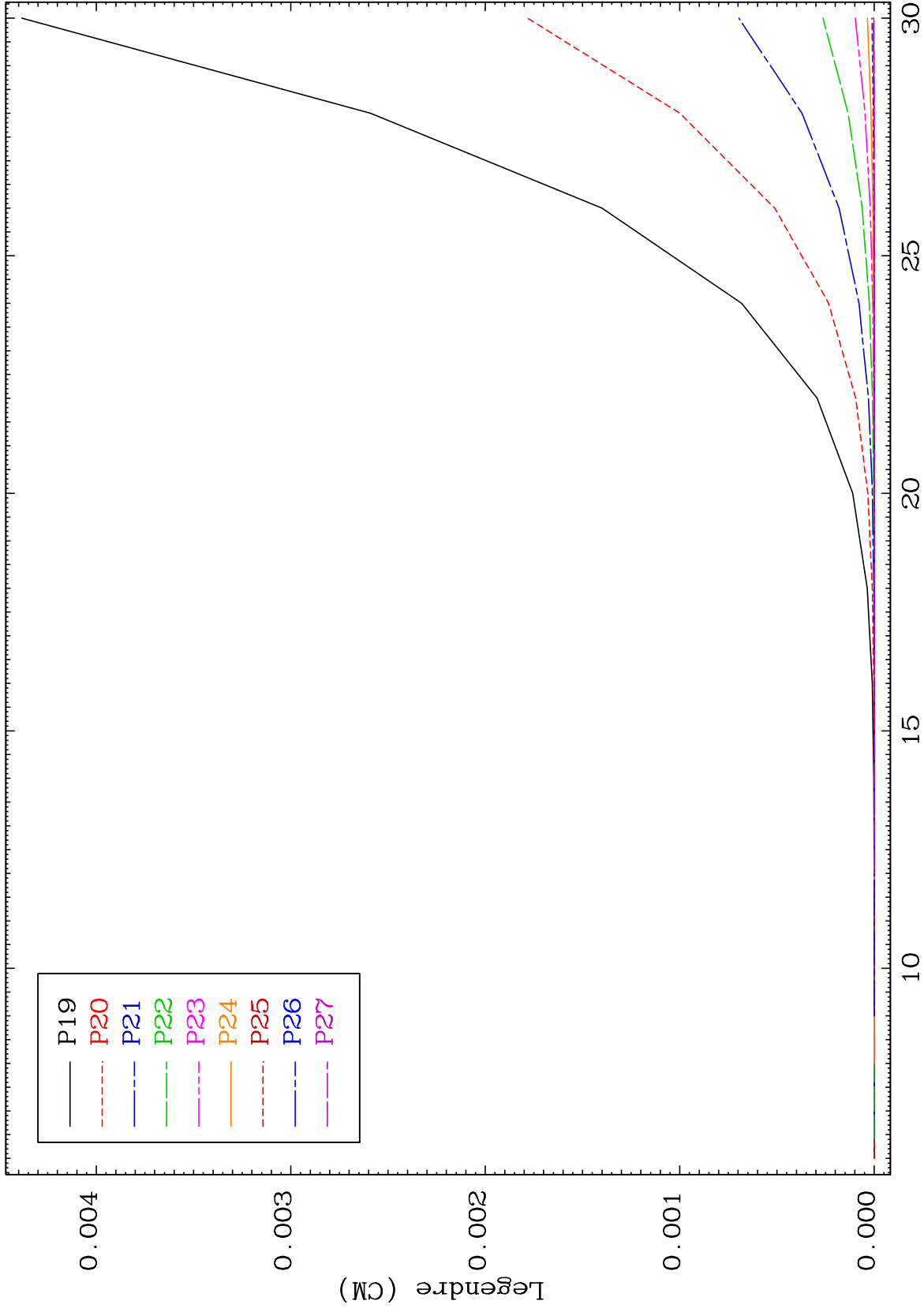
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



19

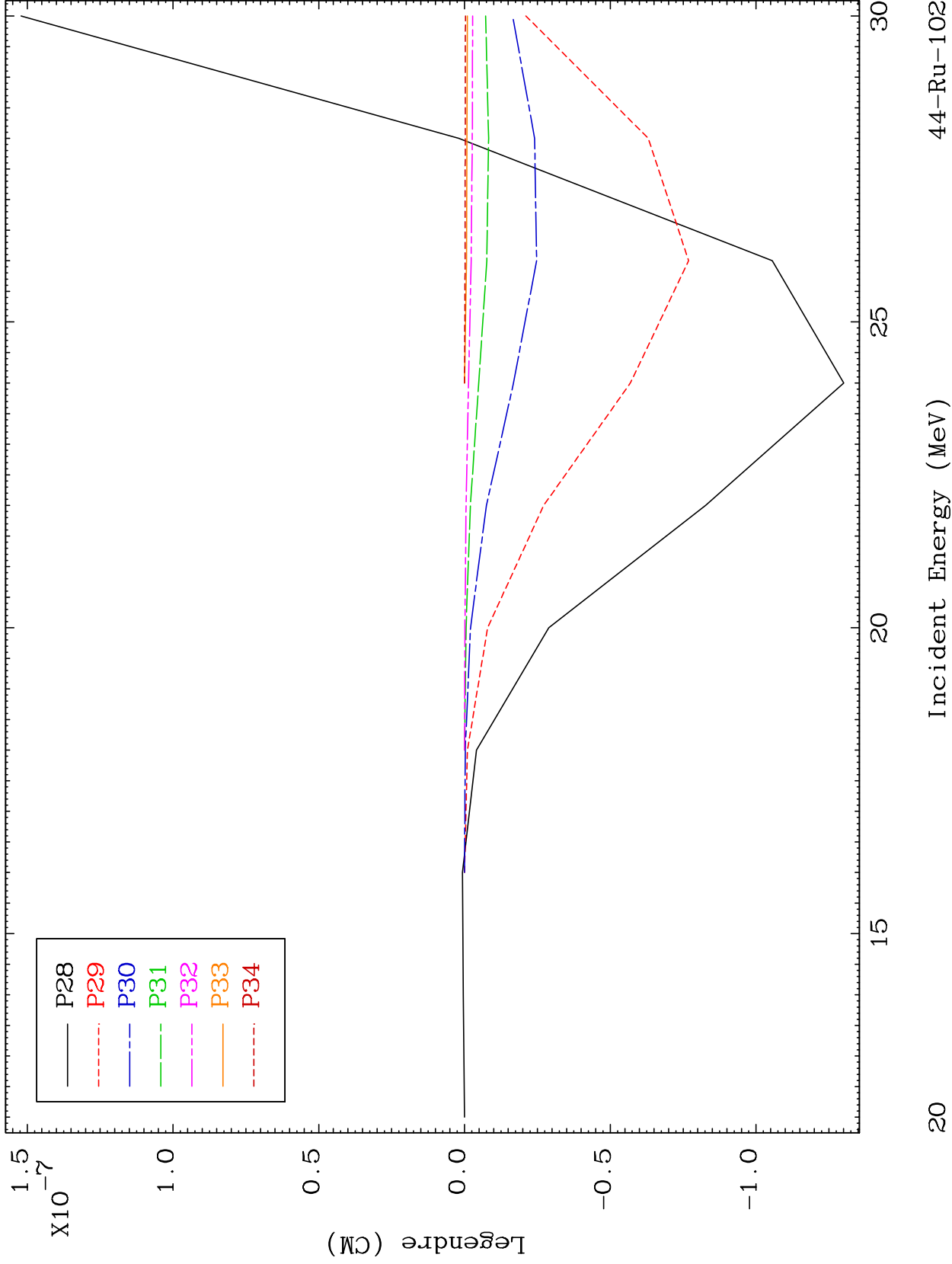
Incident Energy (MeV)

44-Ru-102

MAT 4443

Elastic Legendre Coefficients

44-Ru-102



20

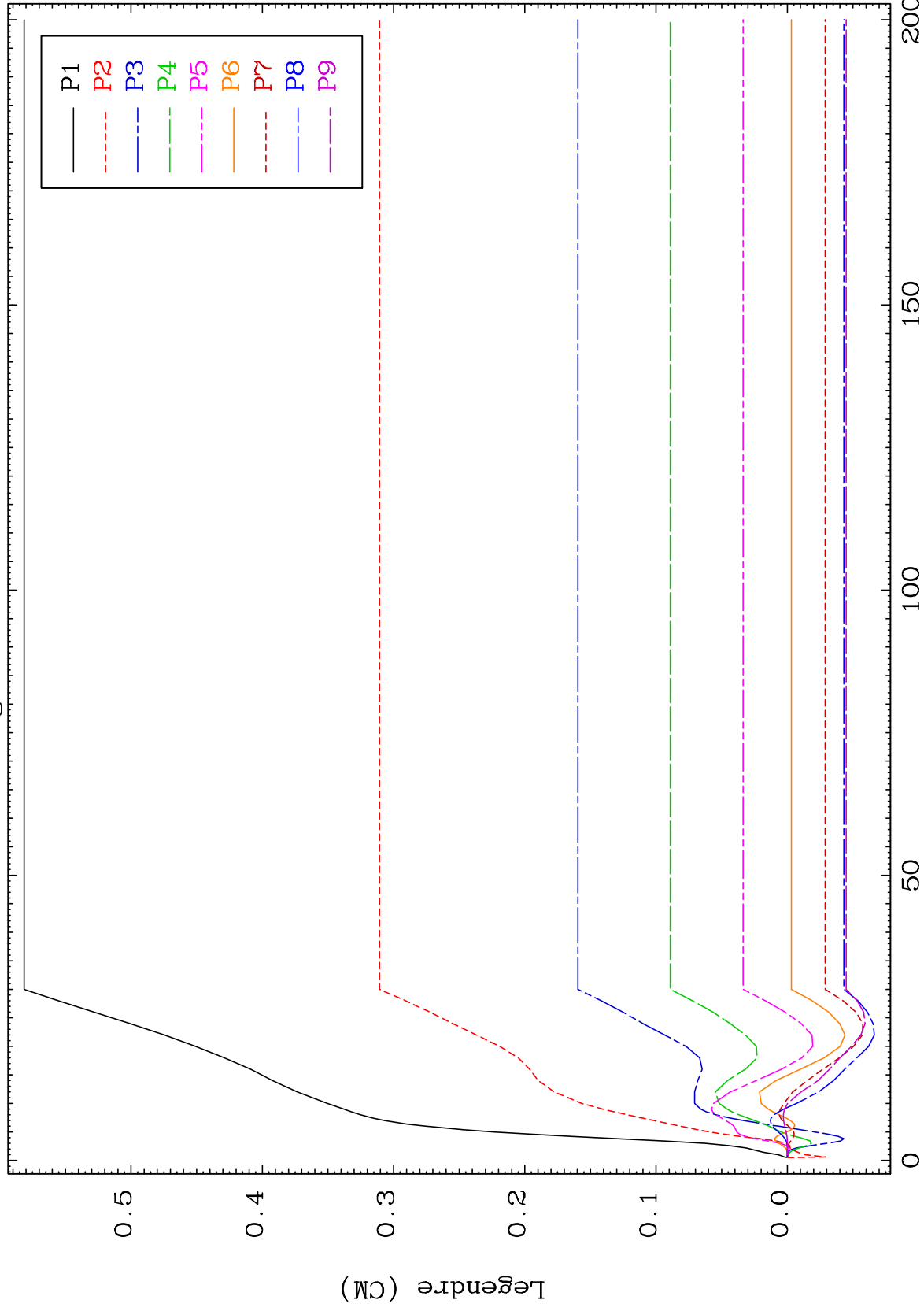
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



21

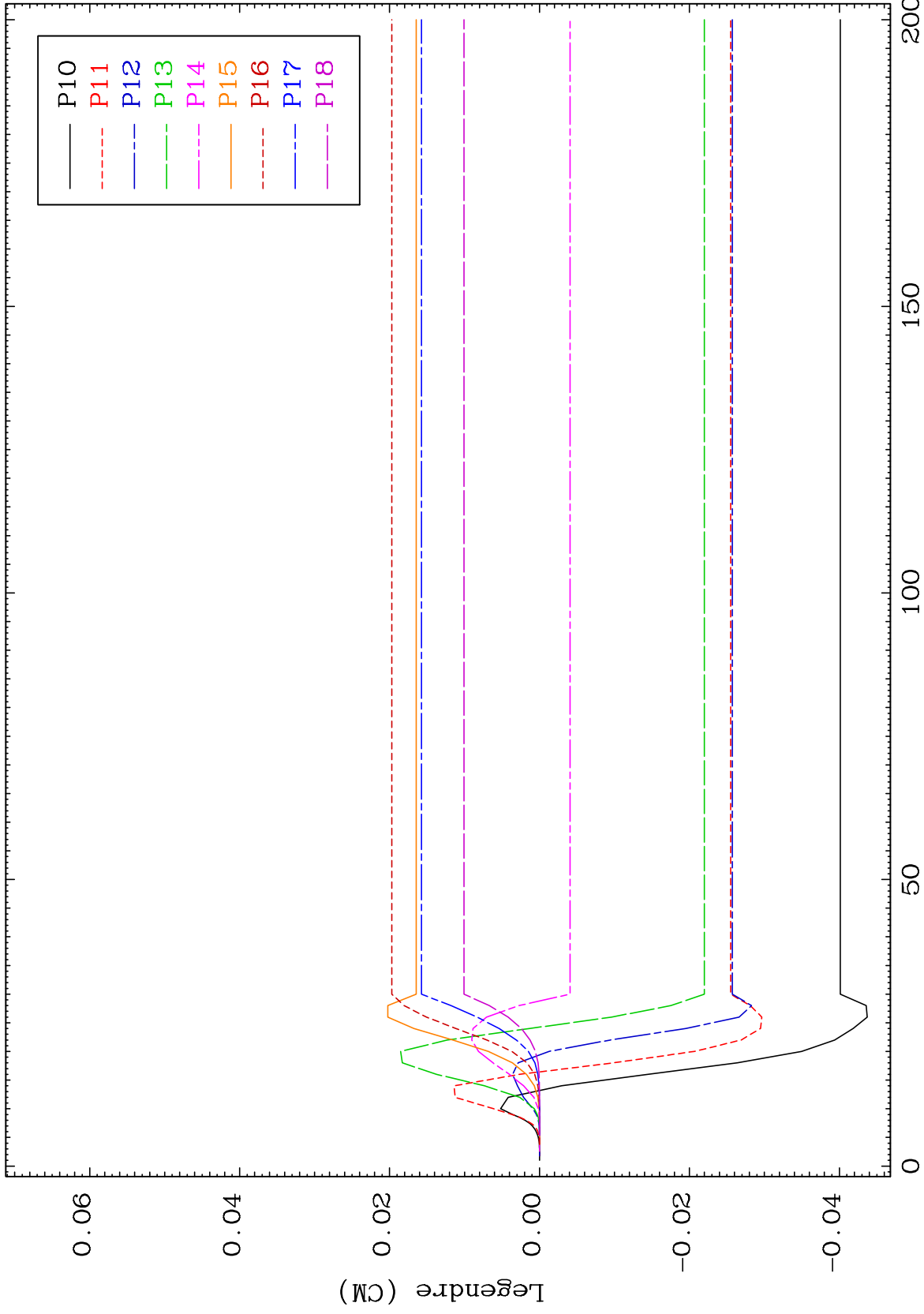
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



22

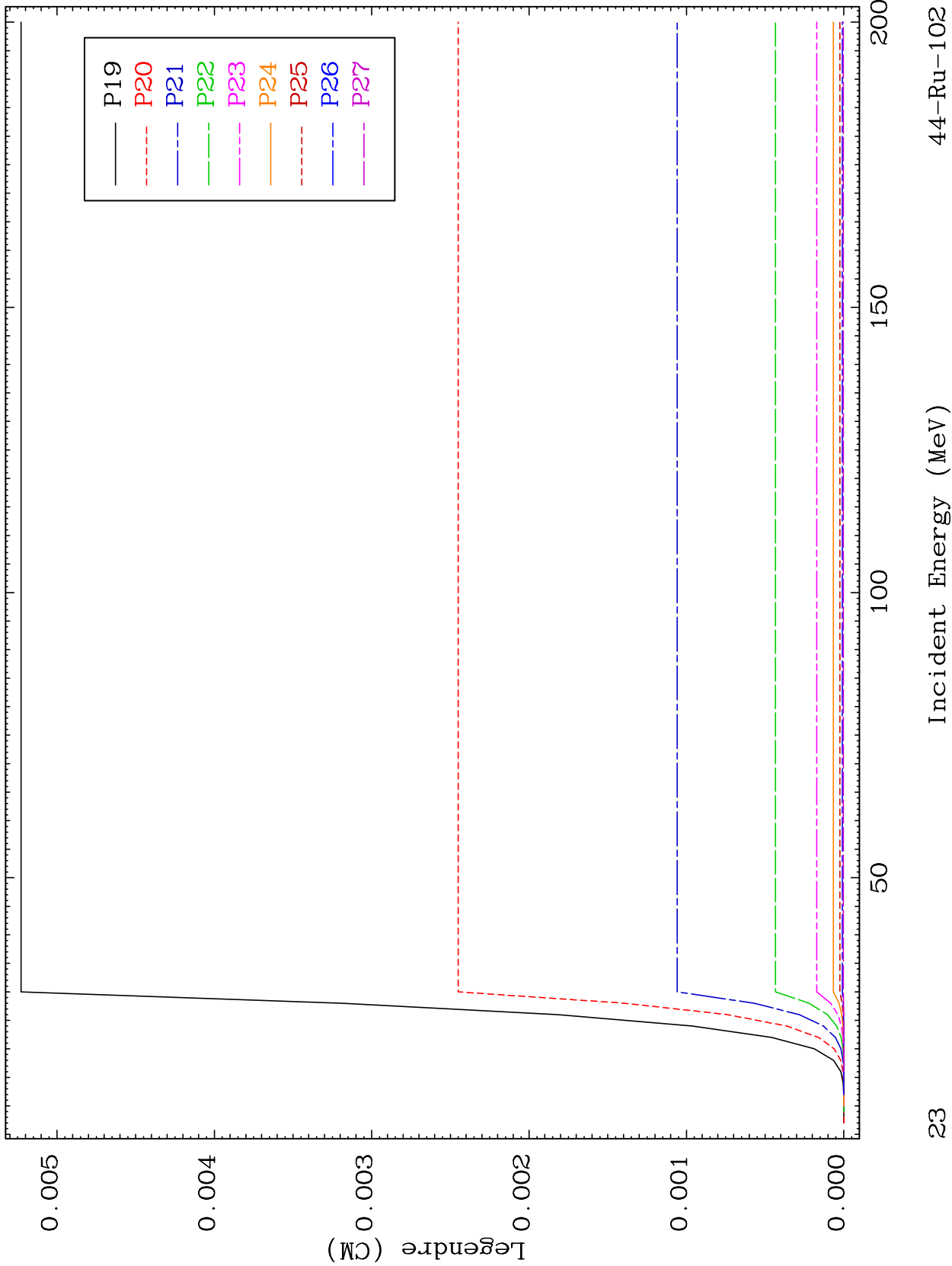
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



23

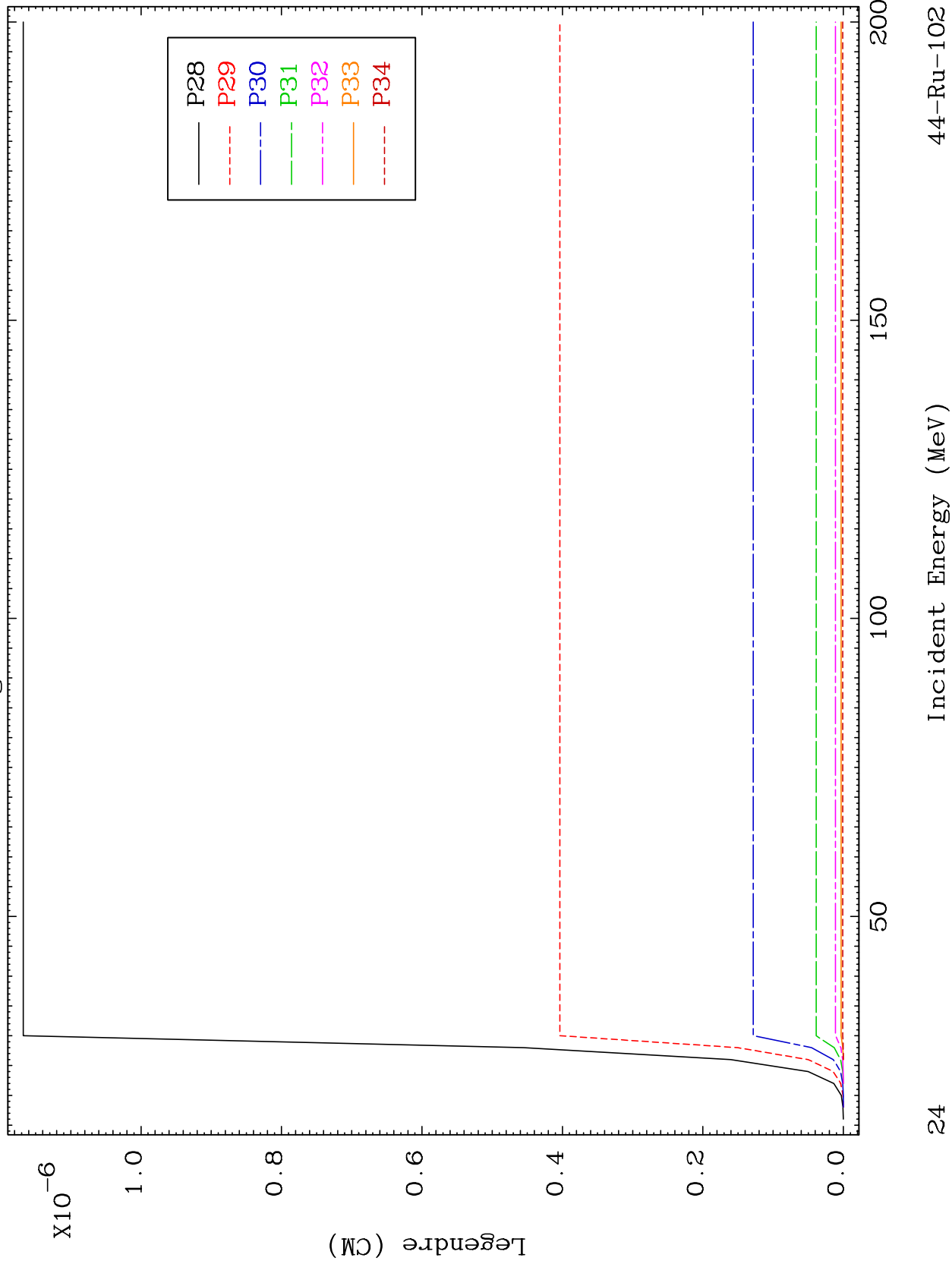
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



24

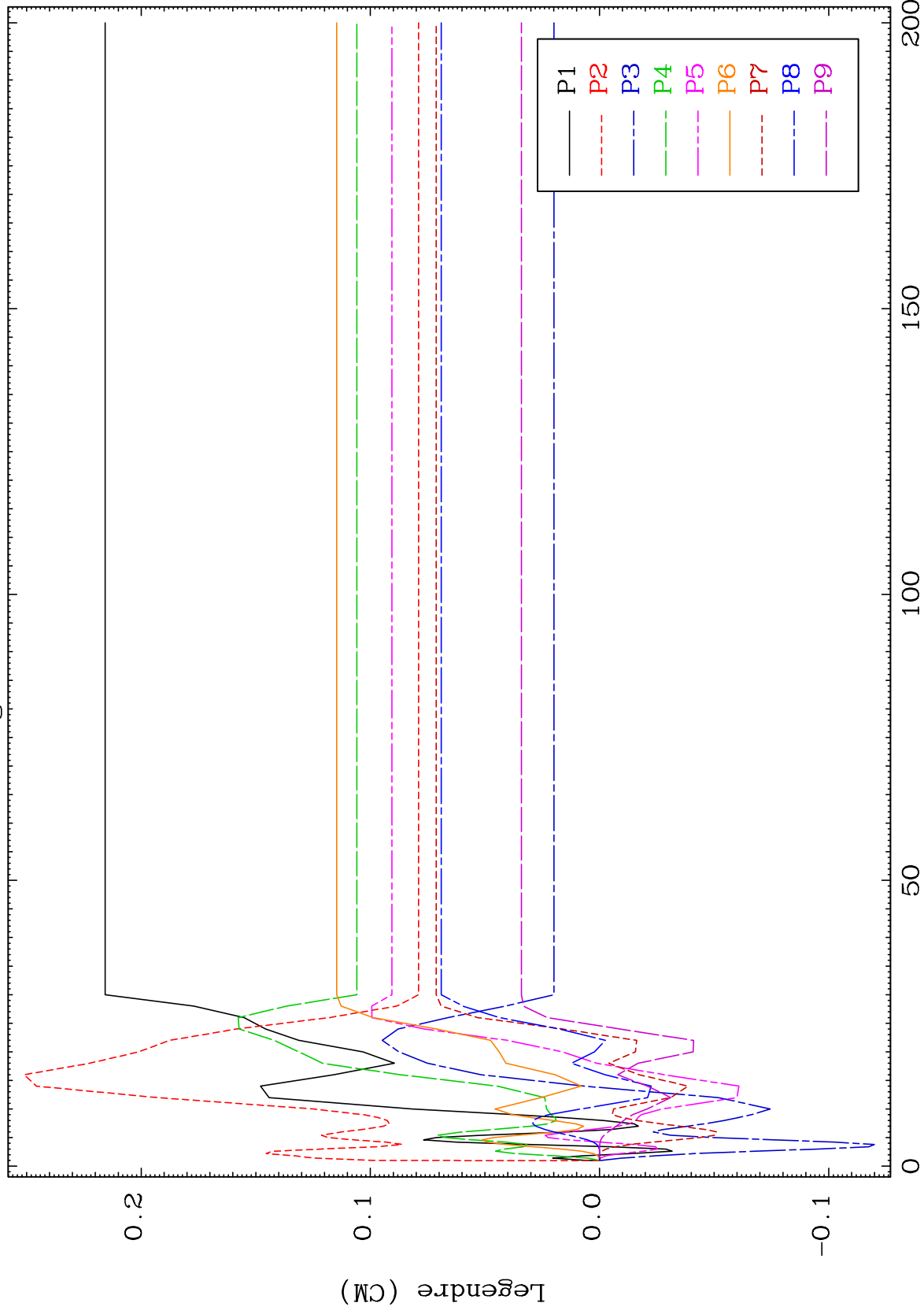
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



25

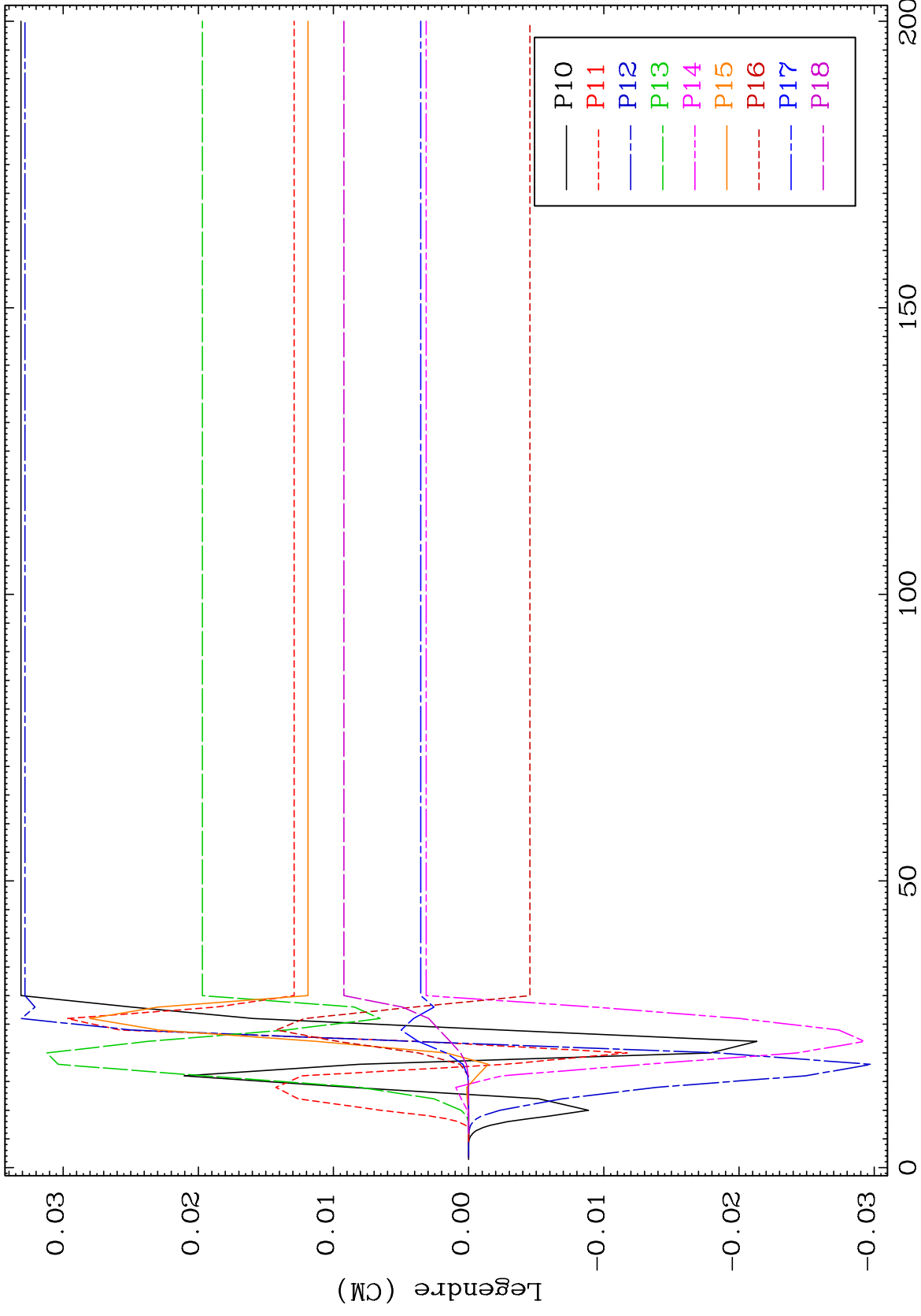
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



26

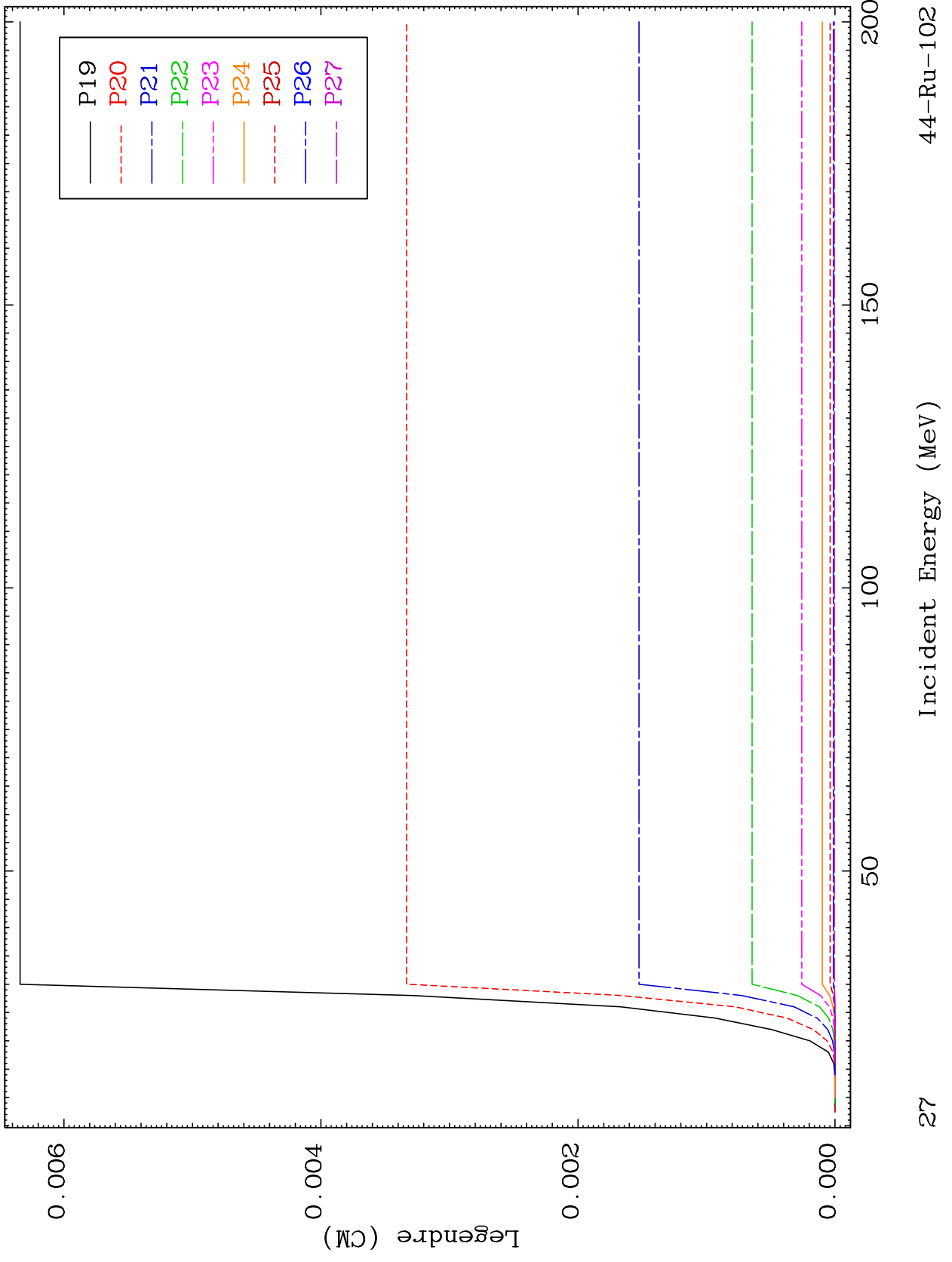
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



27

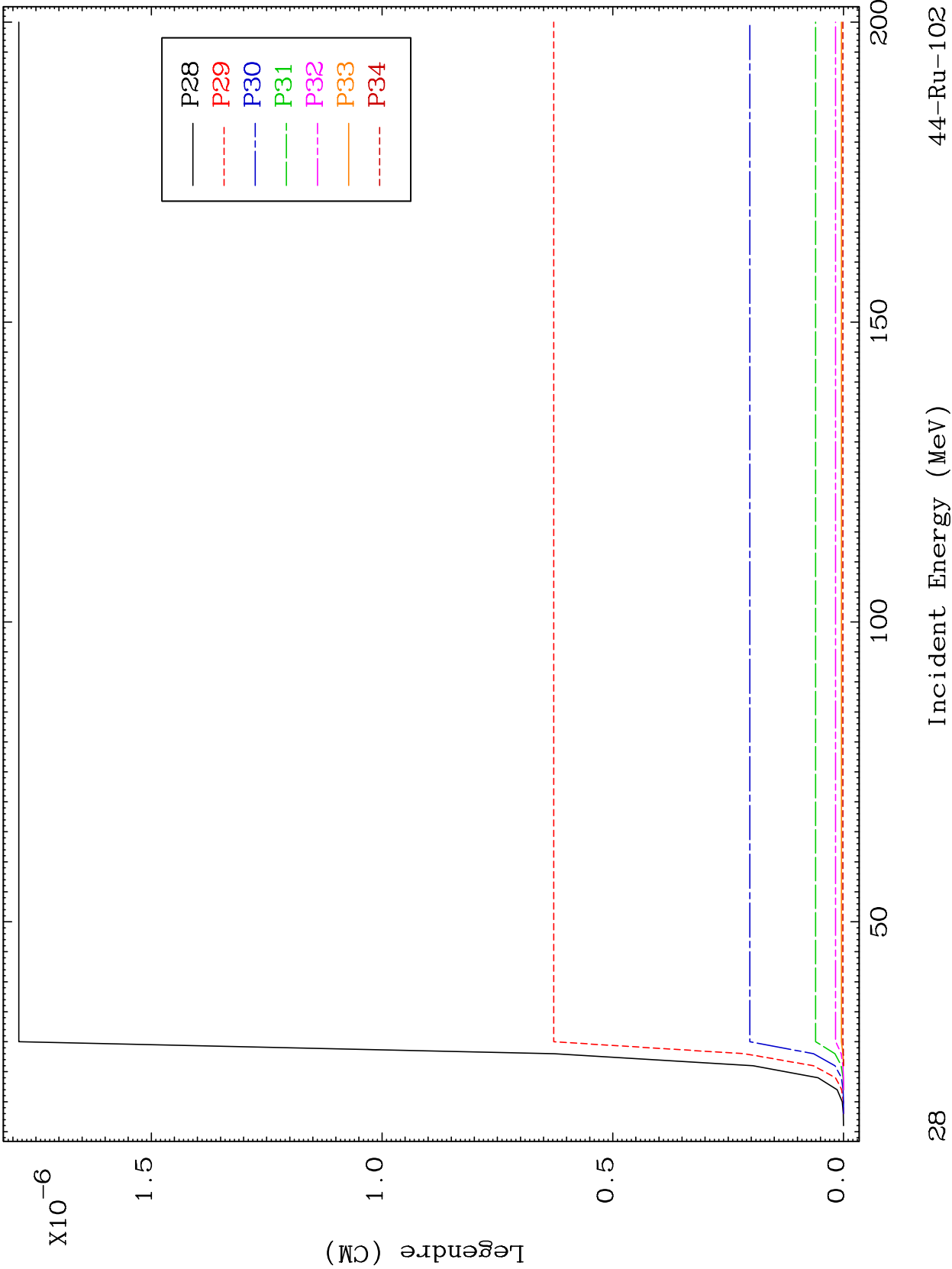
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

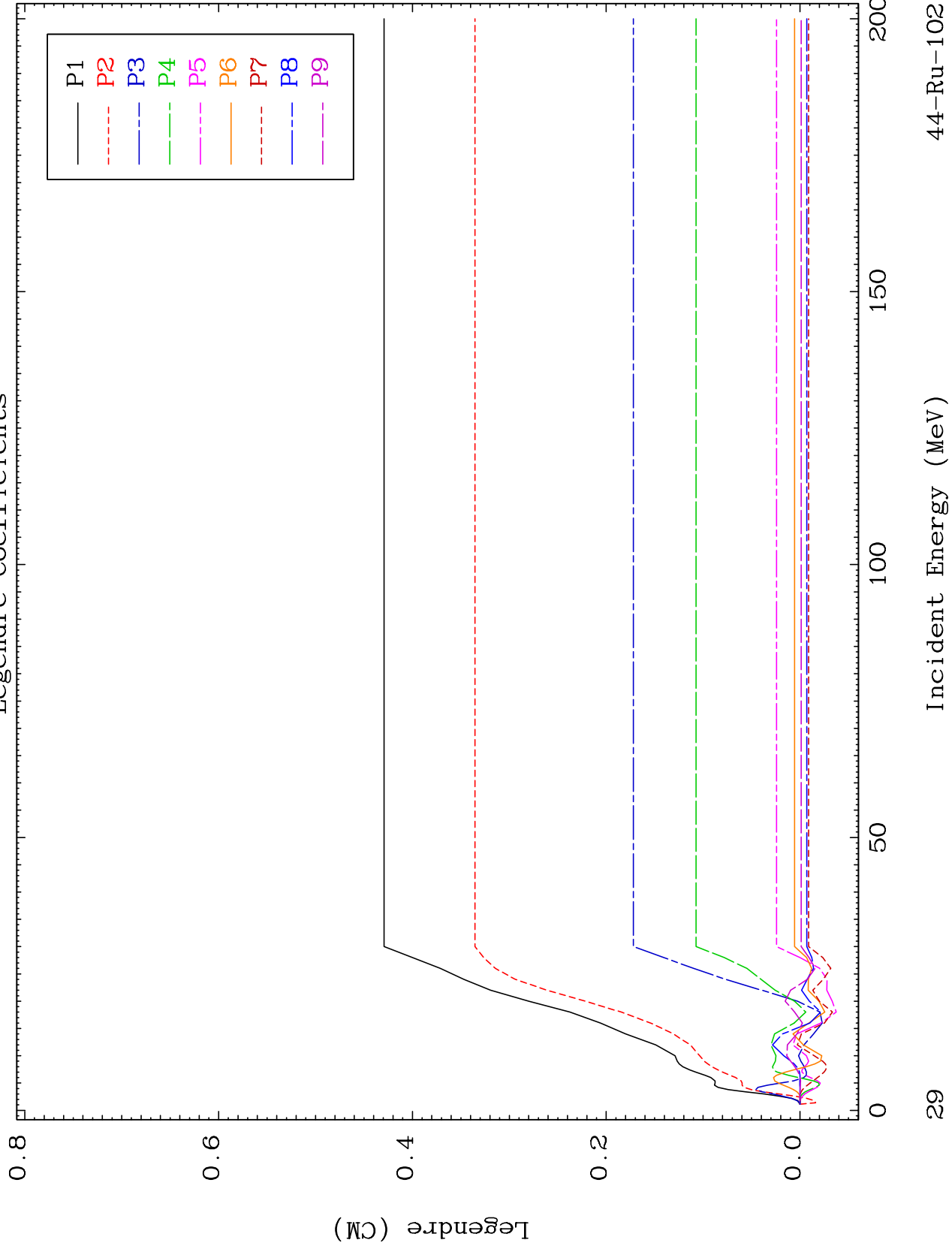


28

MAT 4443

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

44-Ru-102

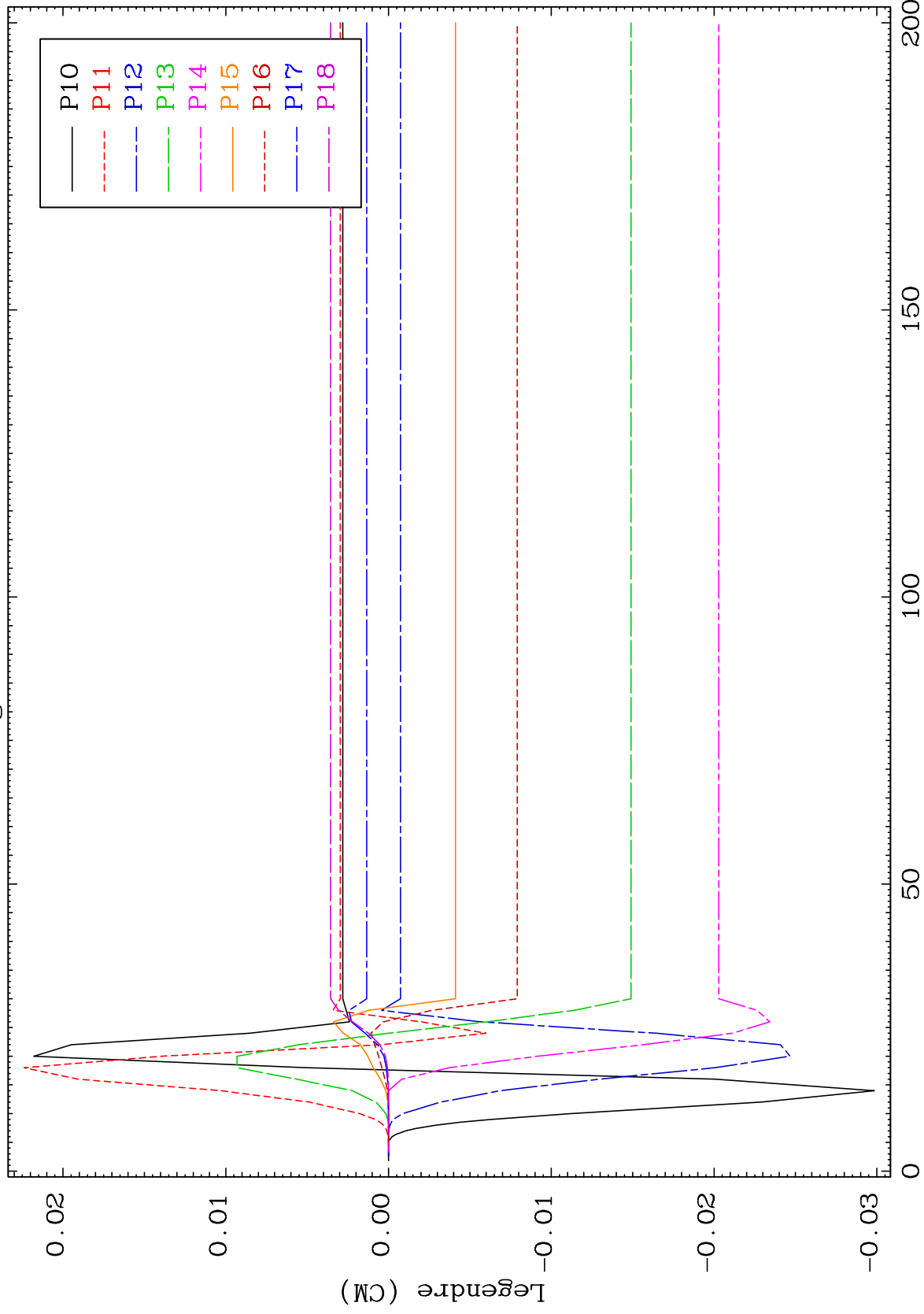


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MAT 4443

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

44-Ru-102



30

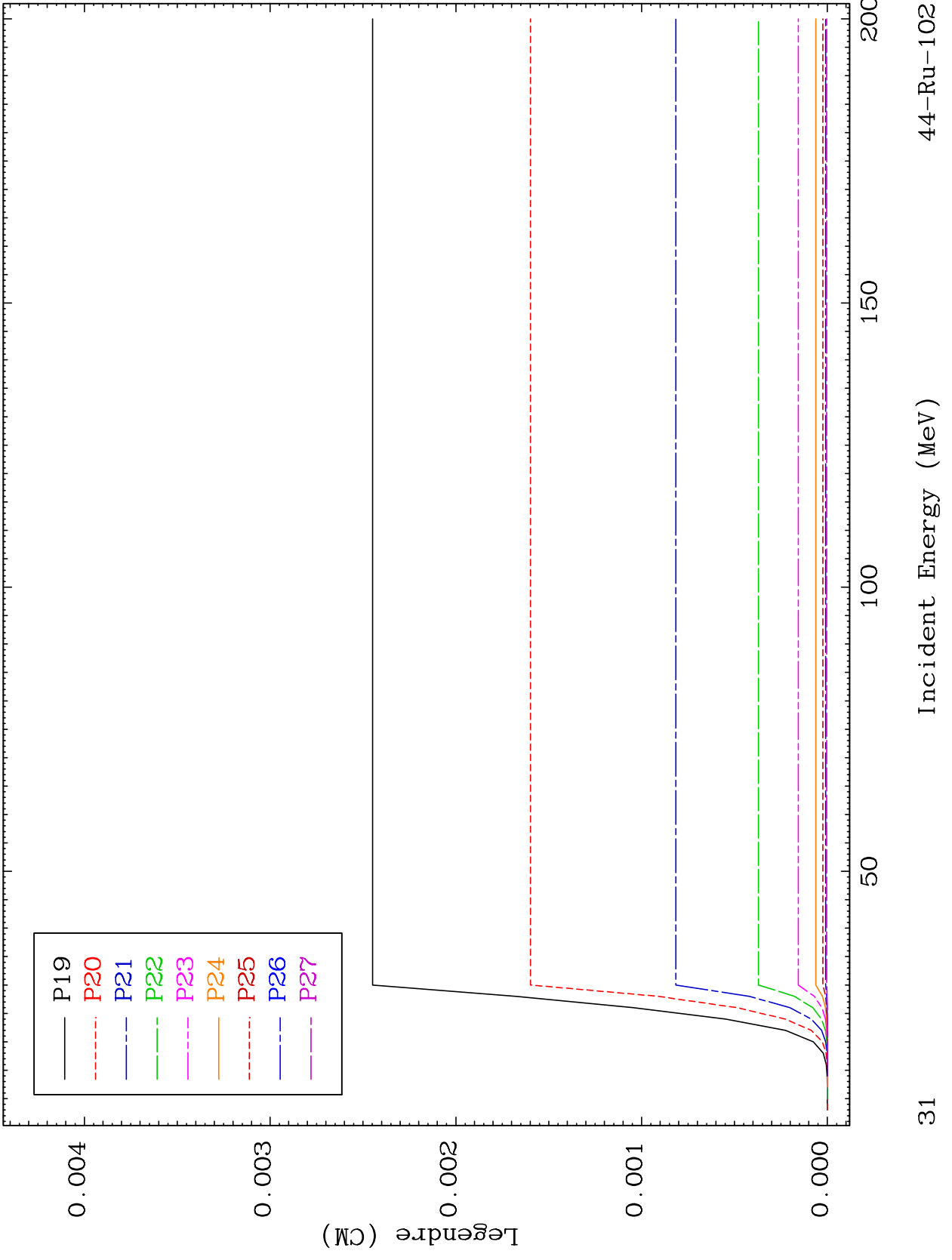
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



31

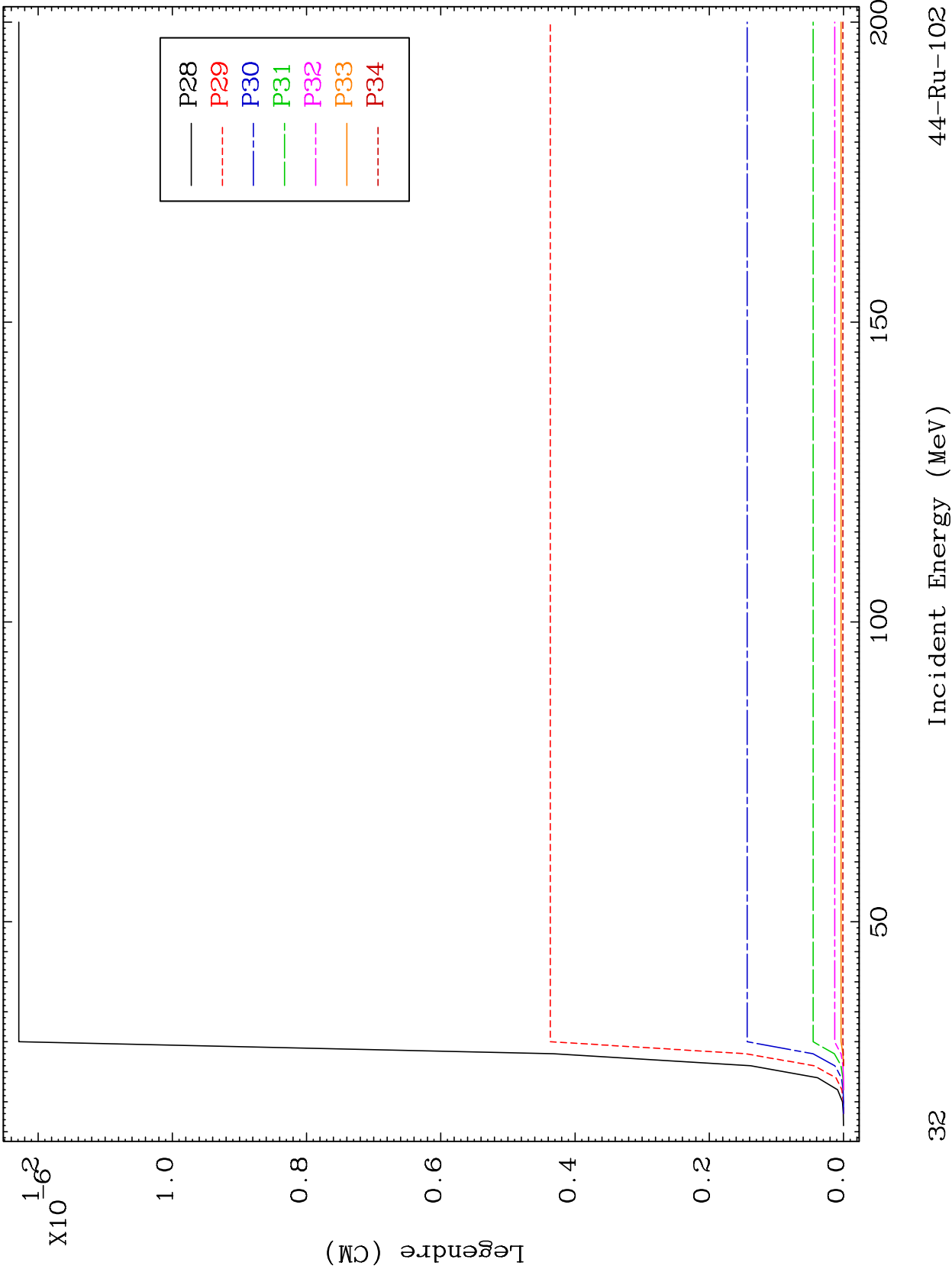
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

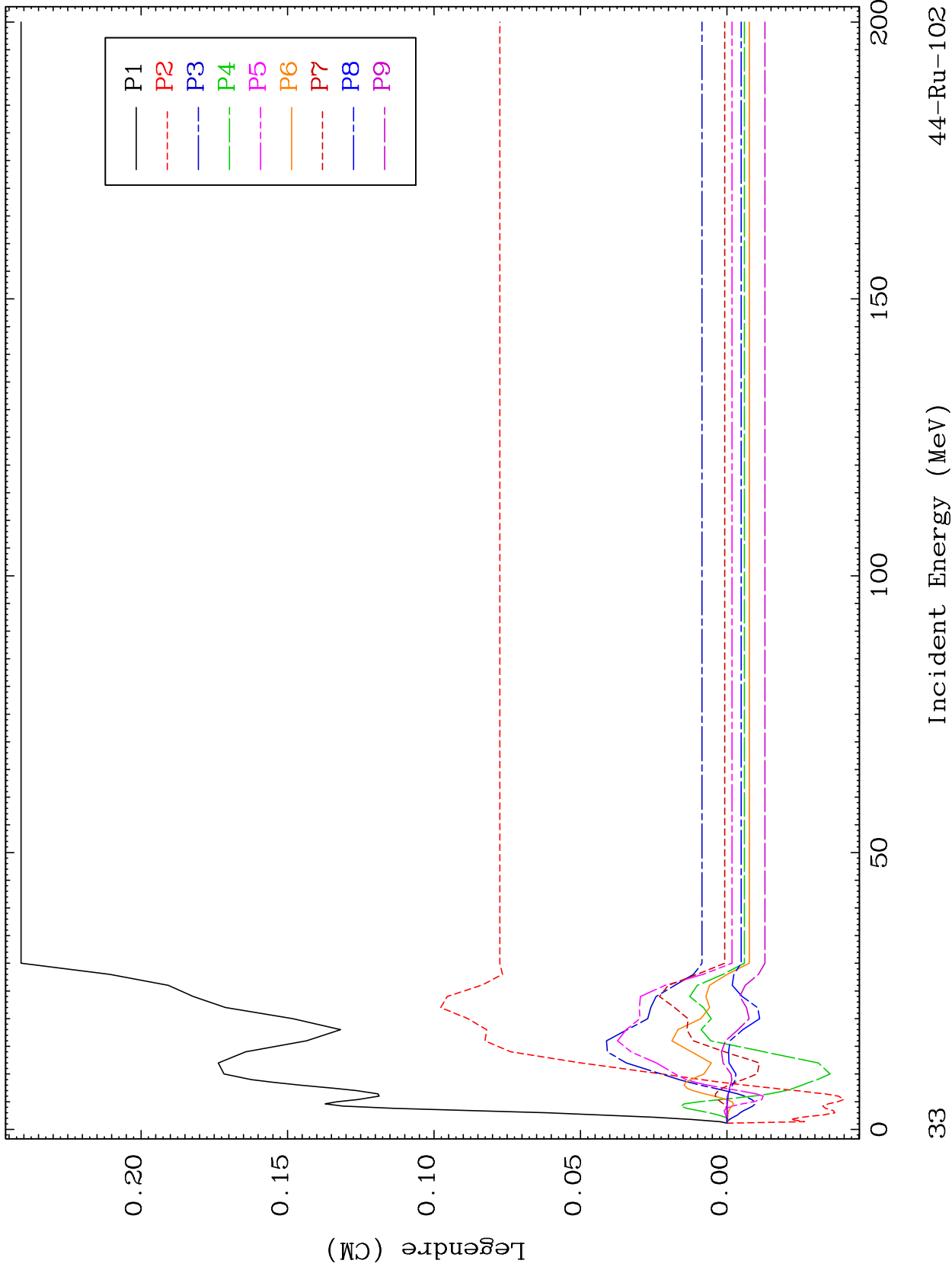
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32

Incident Energy (MeV)

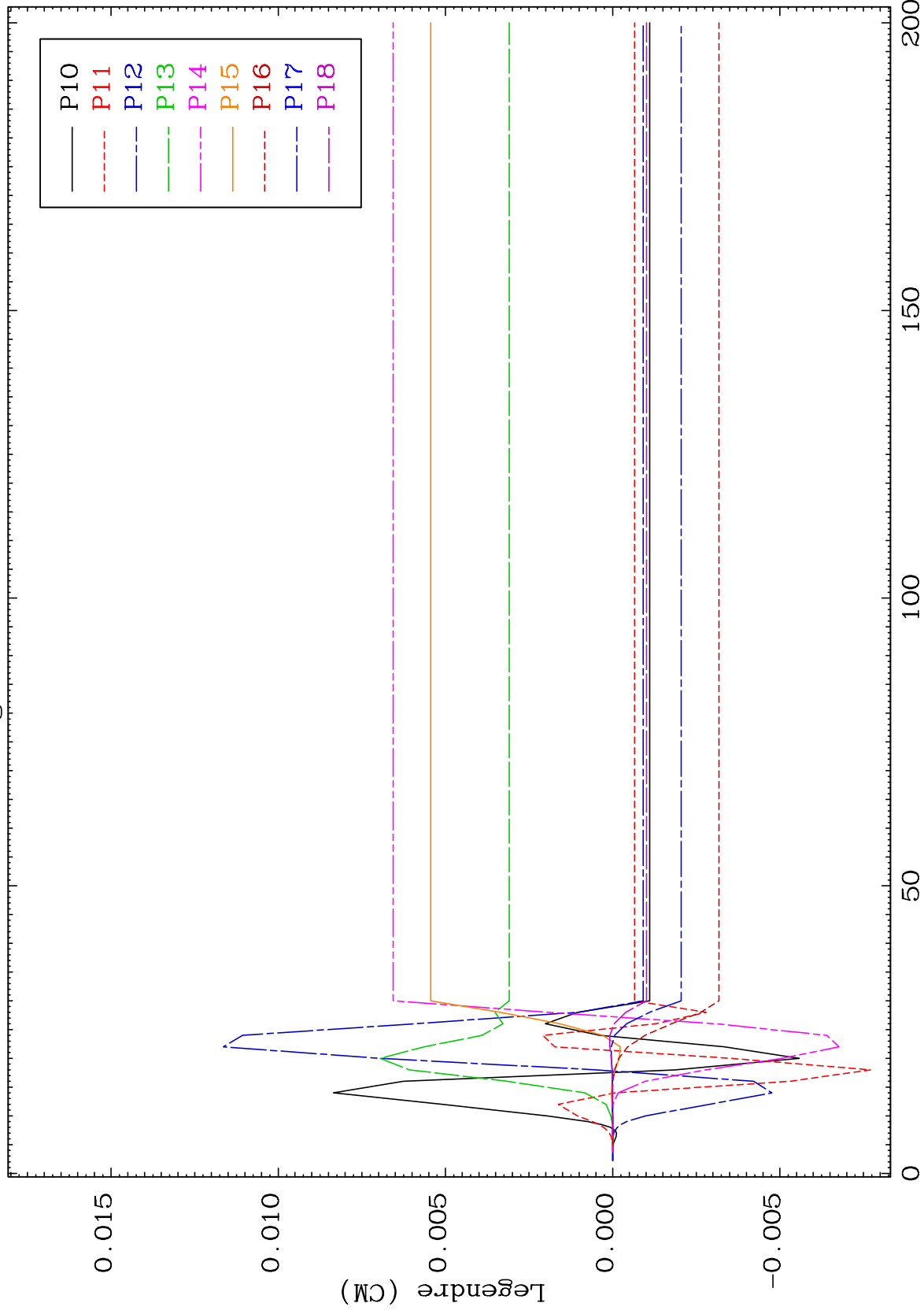
44-Ru-102



MAT 4443

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

44-Ru-102



34

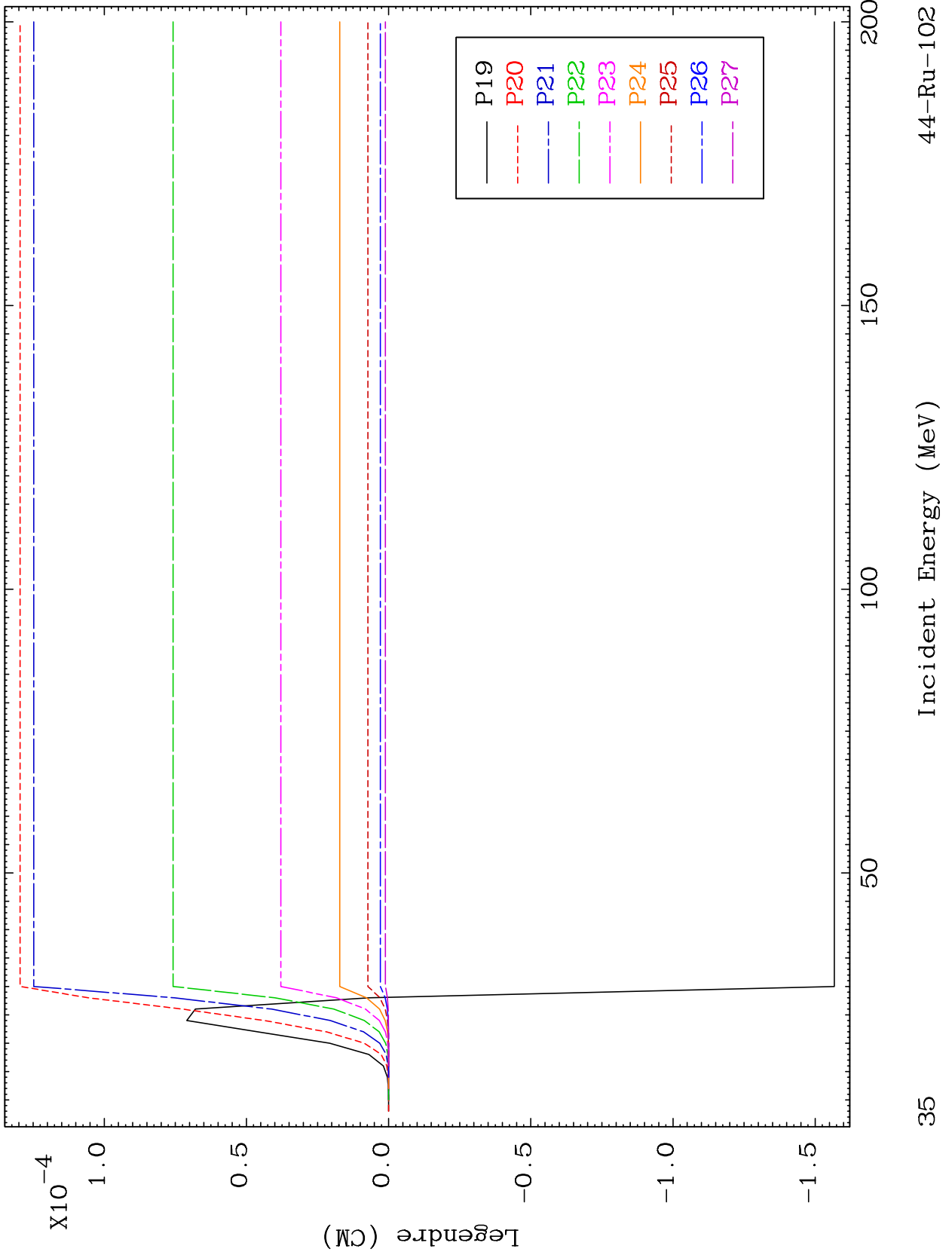
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



35

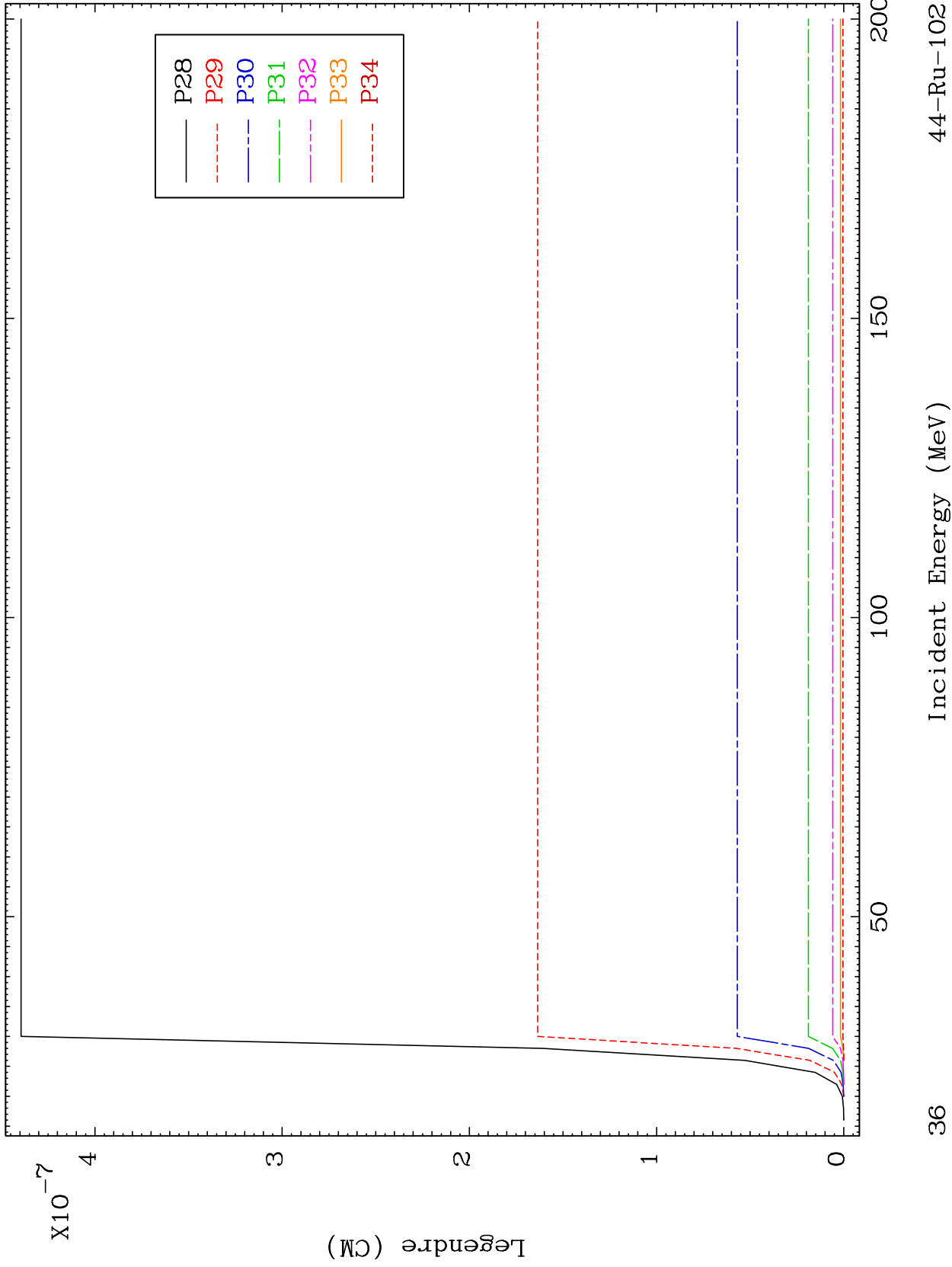
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

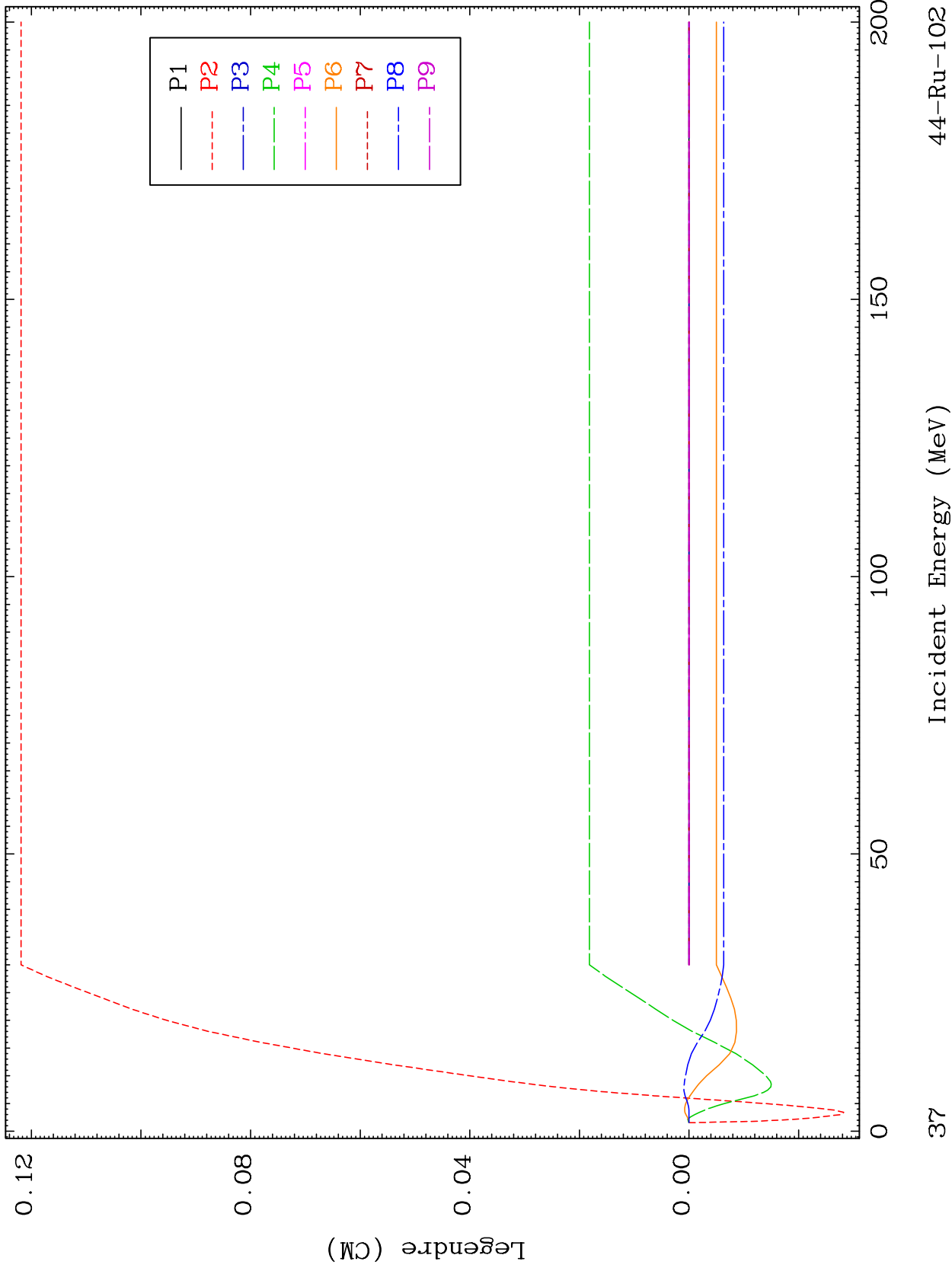


36

MAT 4443

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

44-Ru-102



44-Ru-102

Incident Energy (MeV)

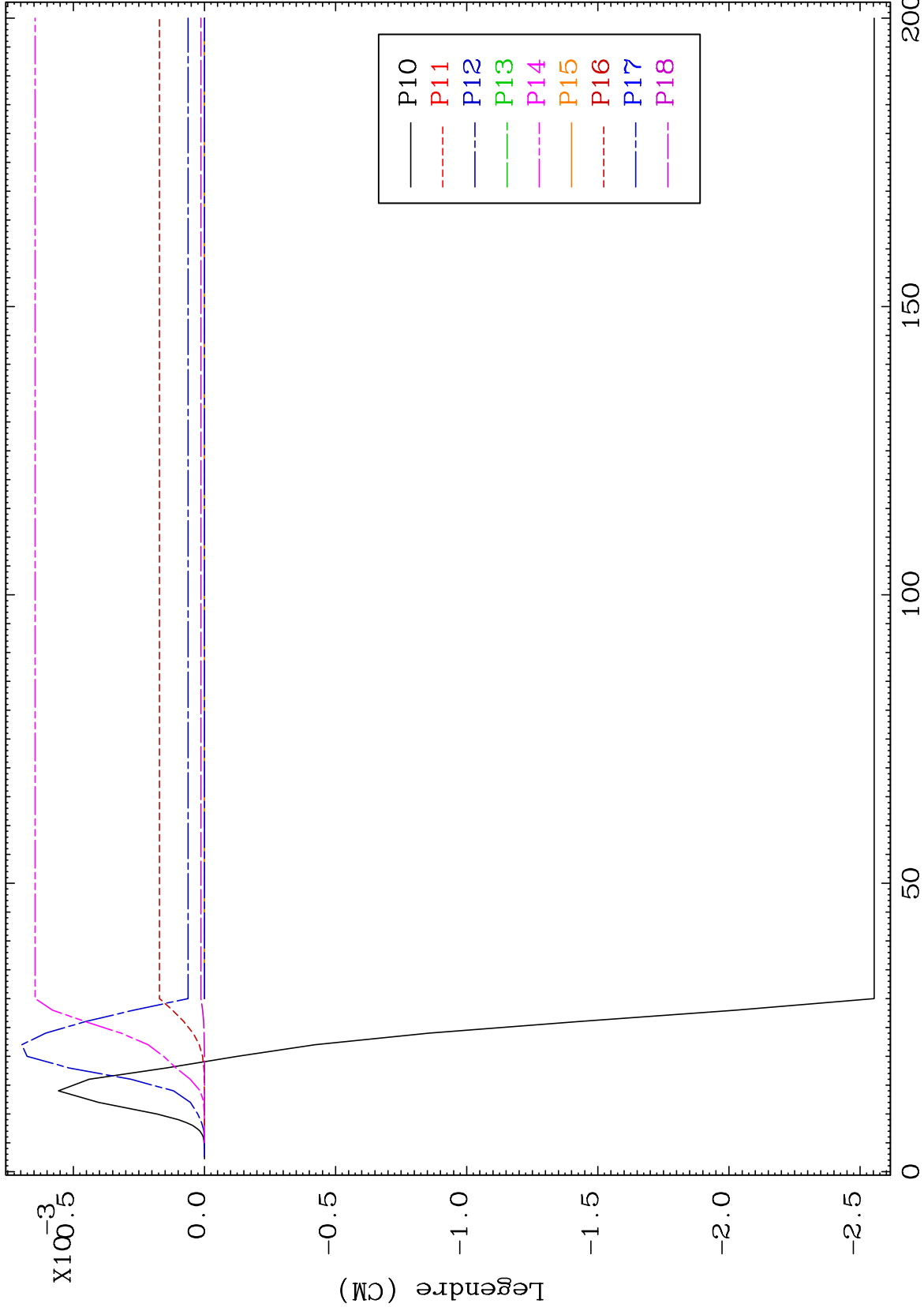
37

MAT 4443

MT= 55 (n,n') Level

44-Ru-102

Legendre Coefficients



38

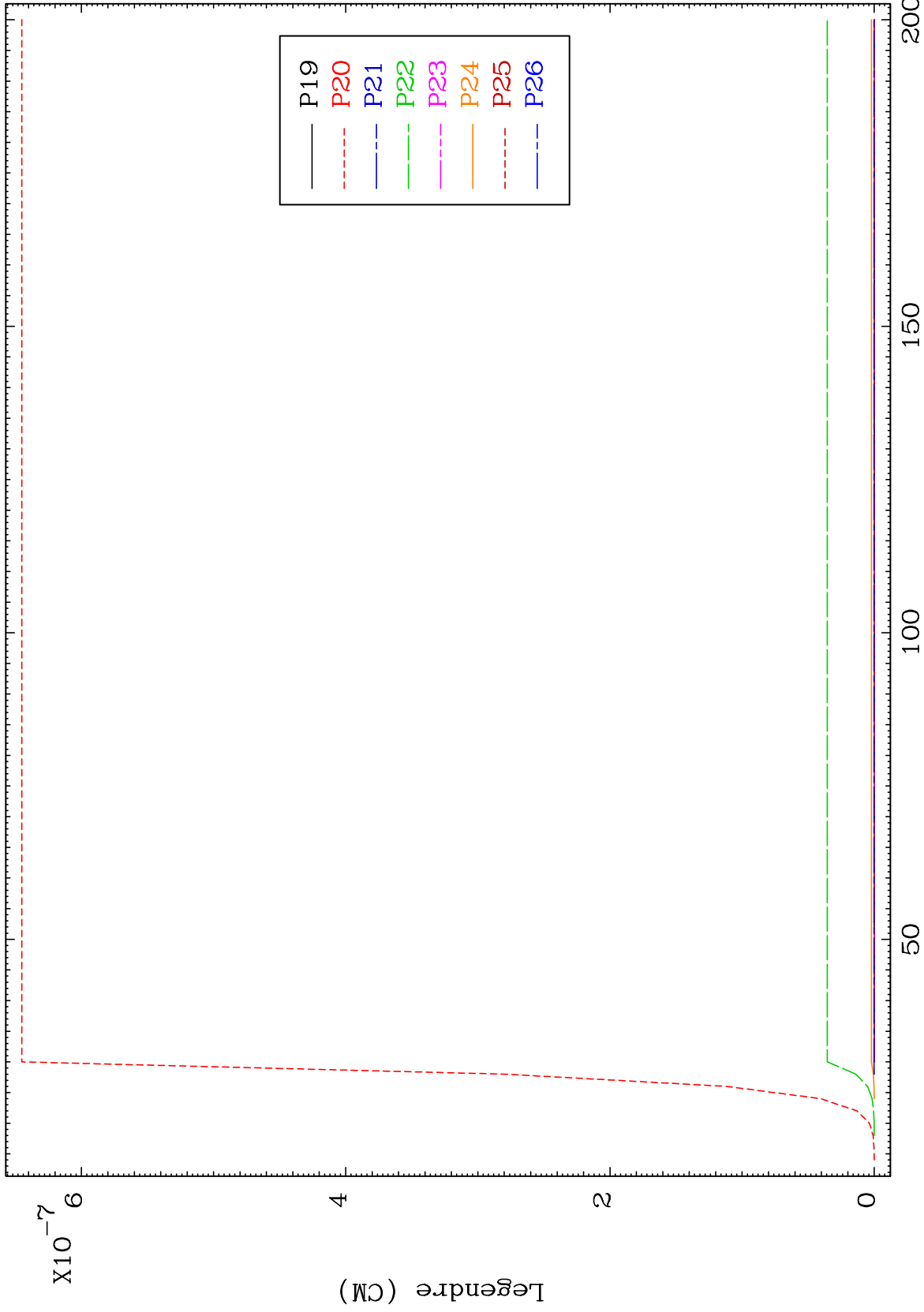
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



39

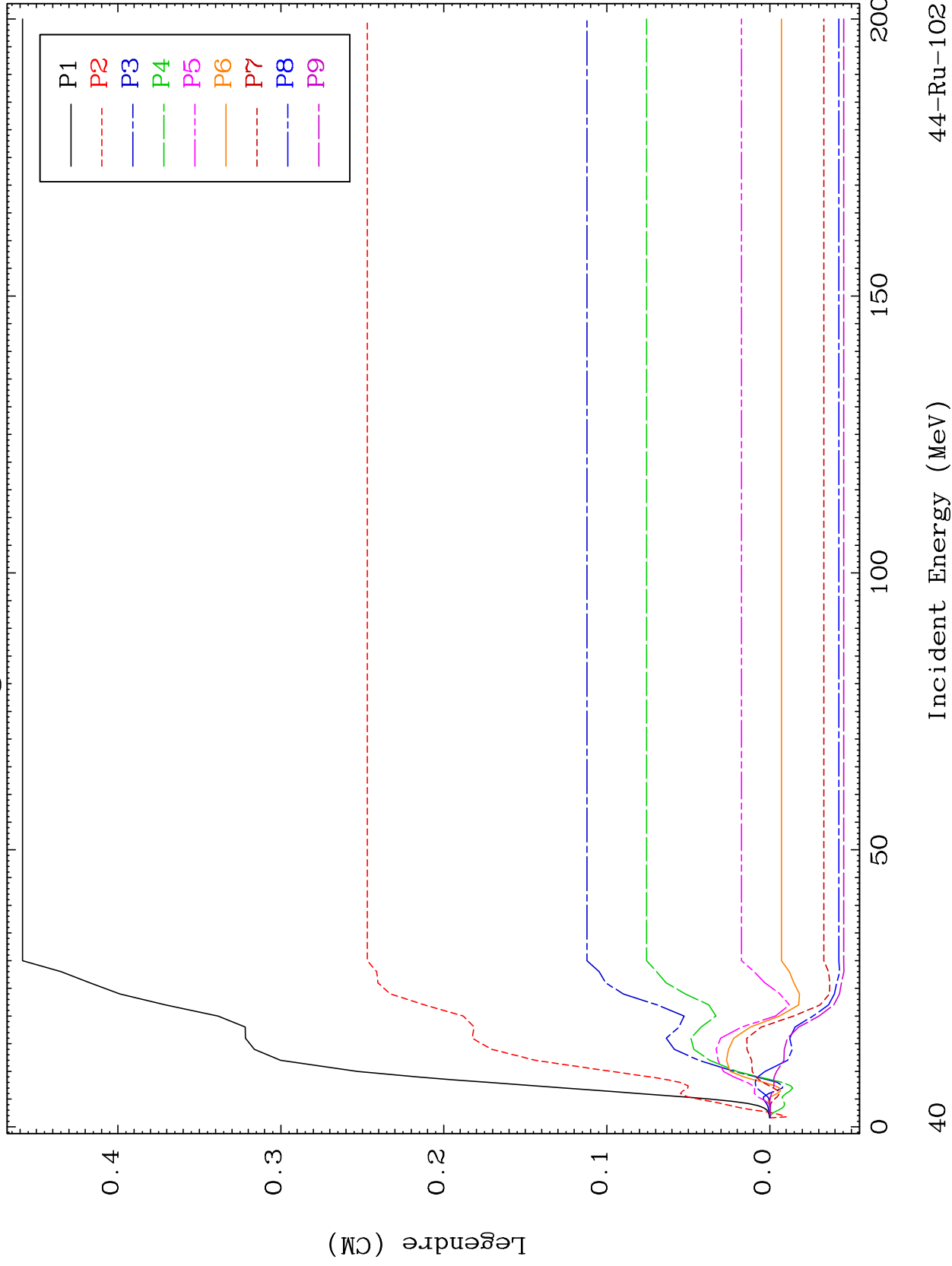
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

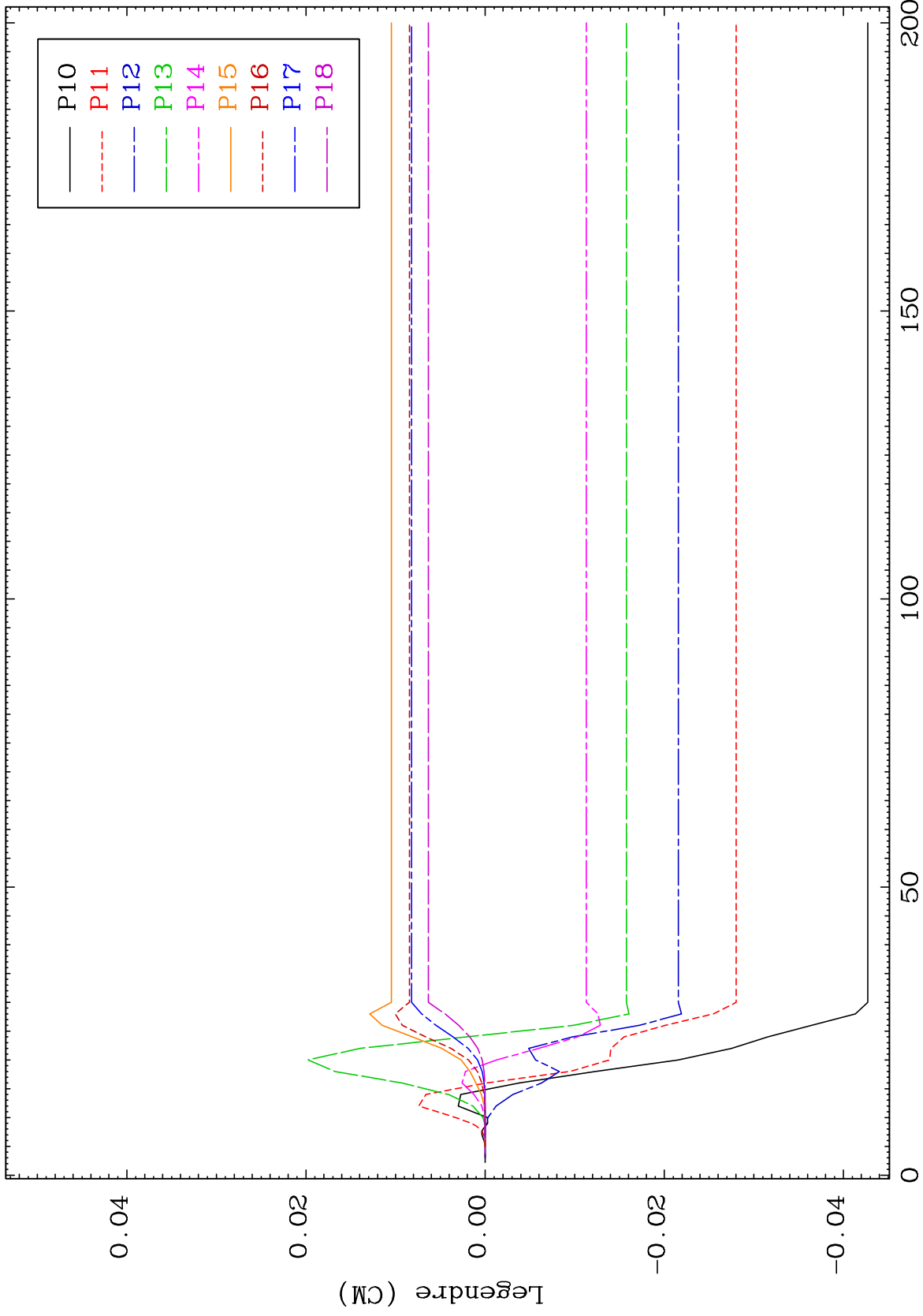
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MAT 4443

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

44-Ru-102



41

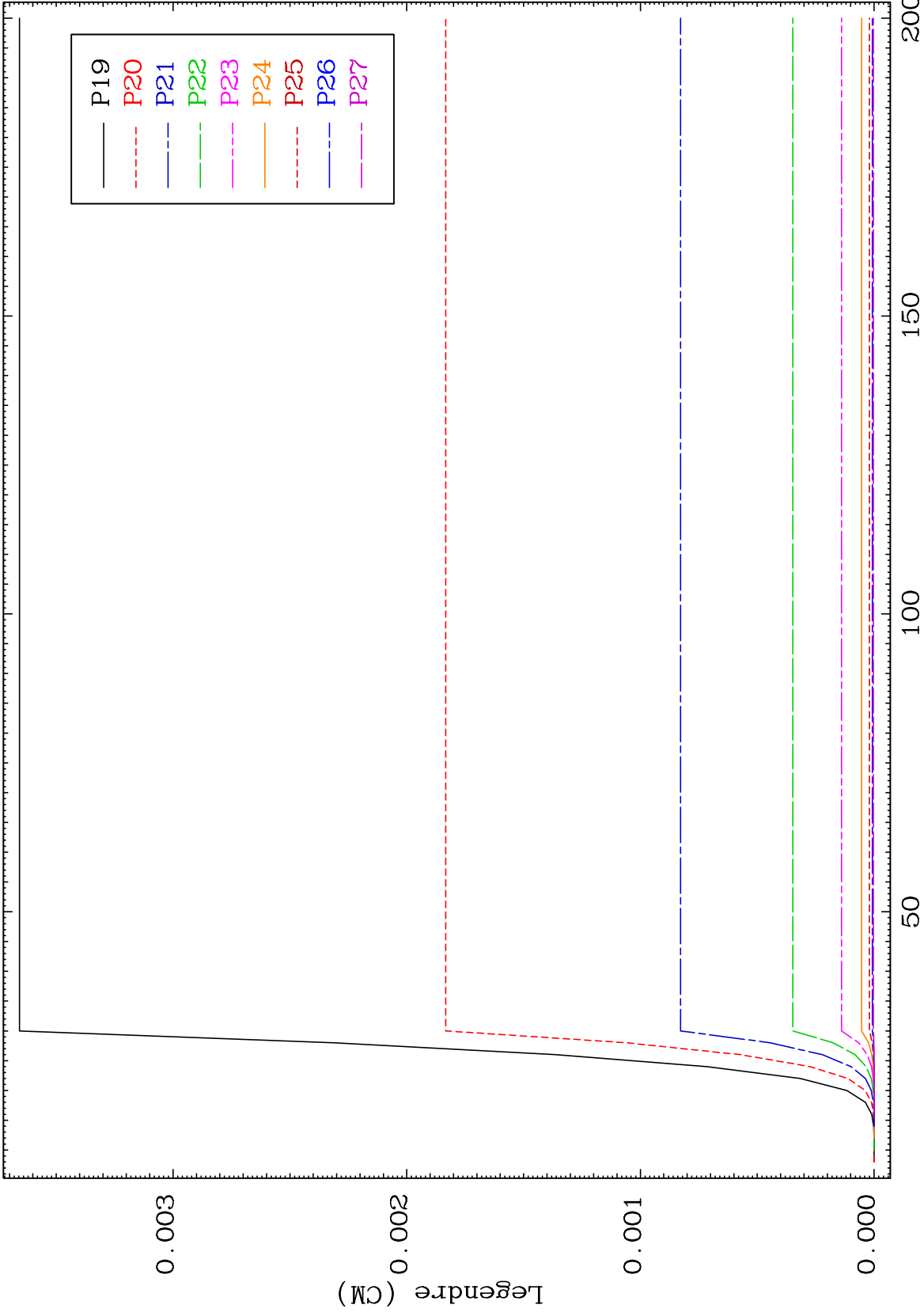
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



42

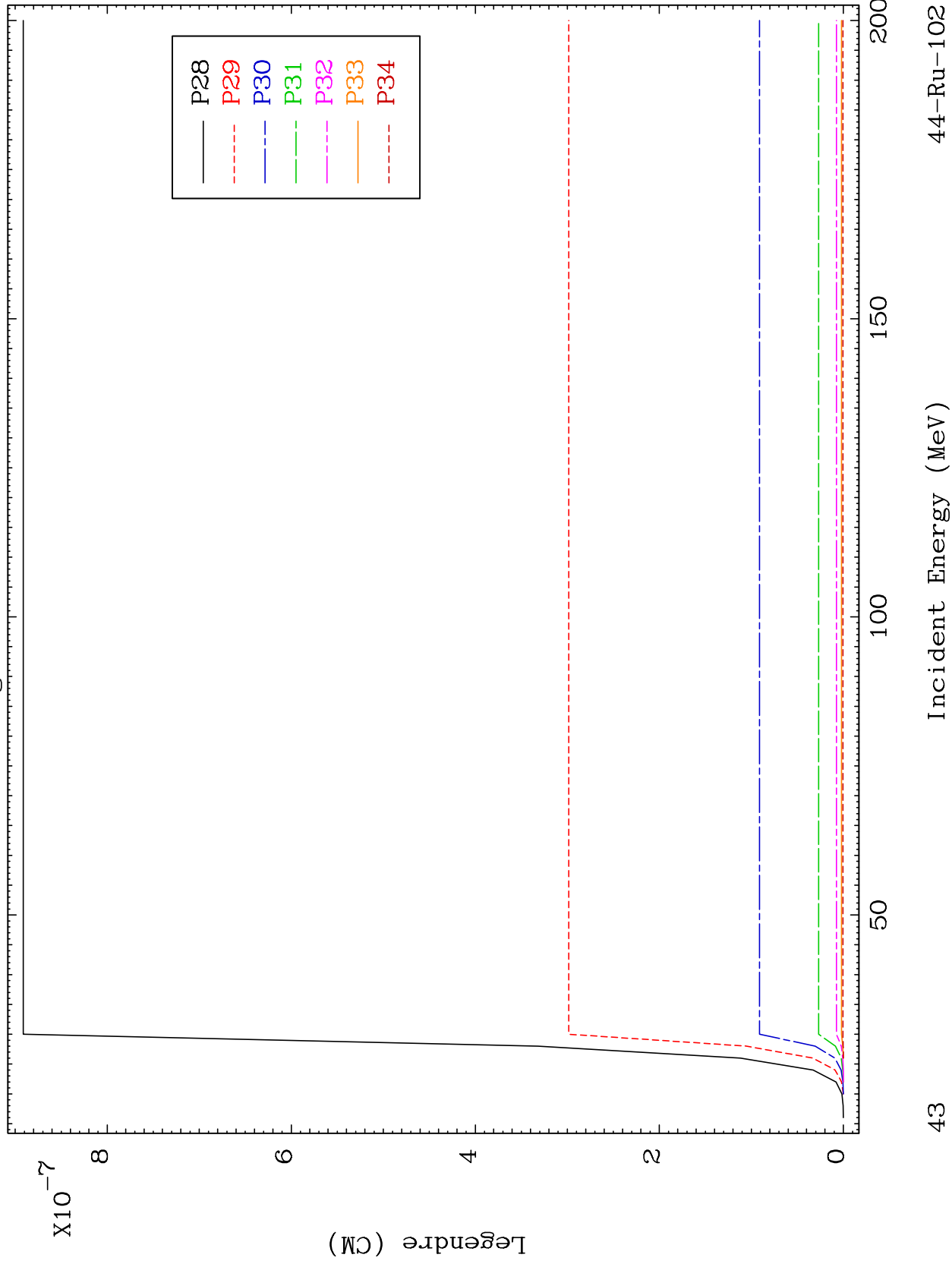
Incident Energy (MeV)

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MAT 4443

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

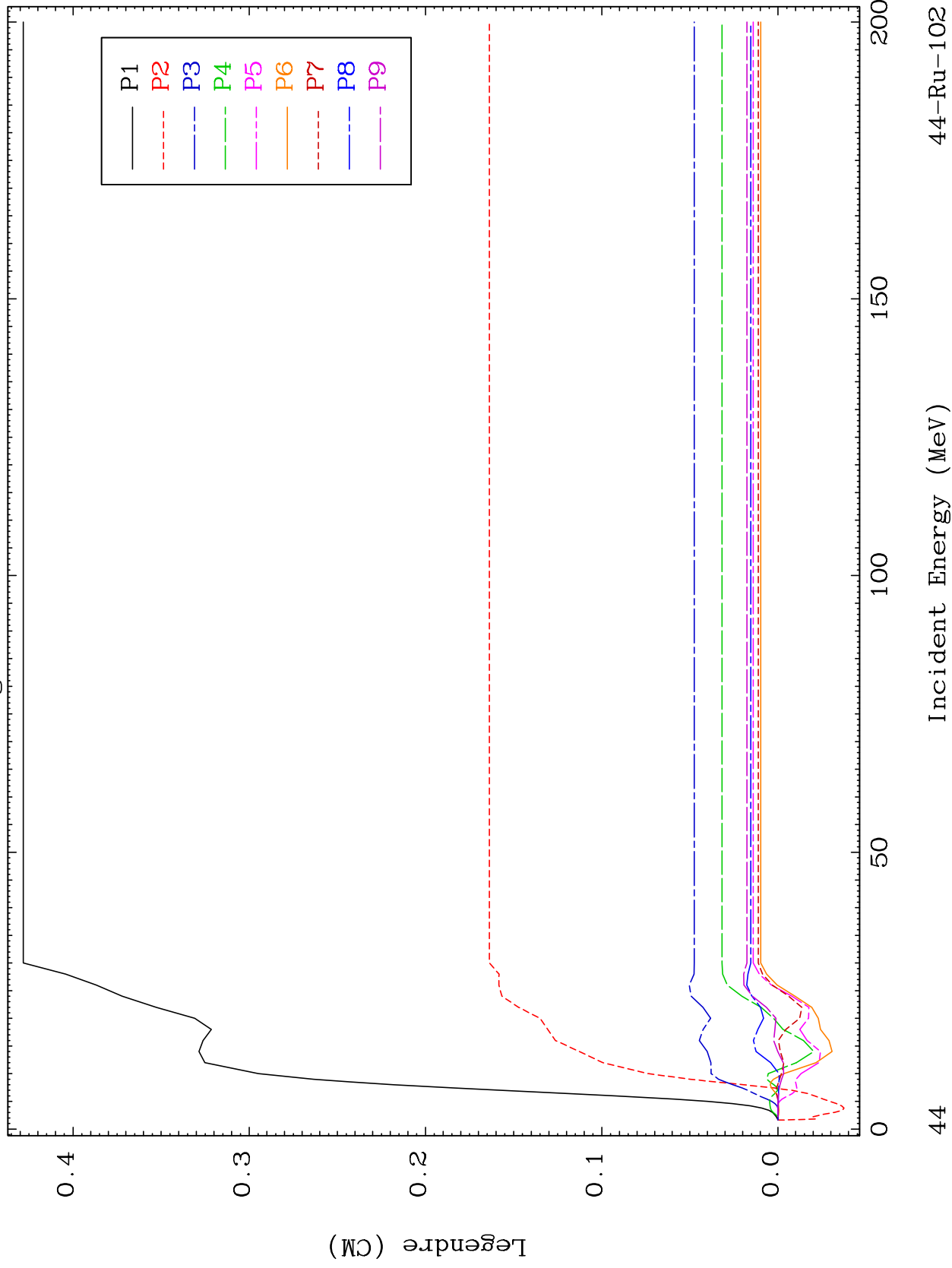
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MAT 4443

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

44-Ru-102



44-Ru-102

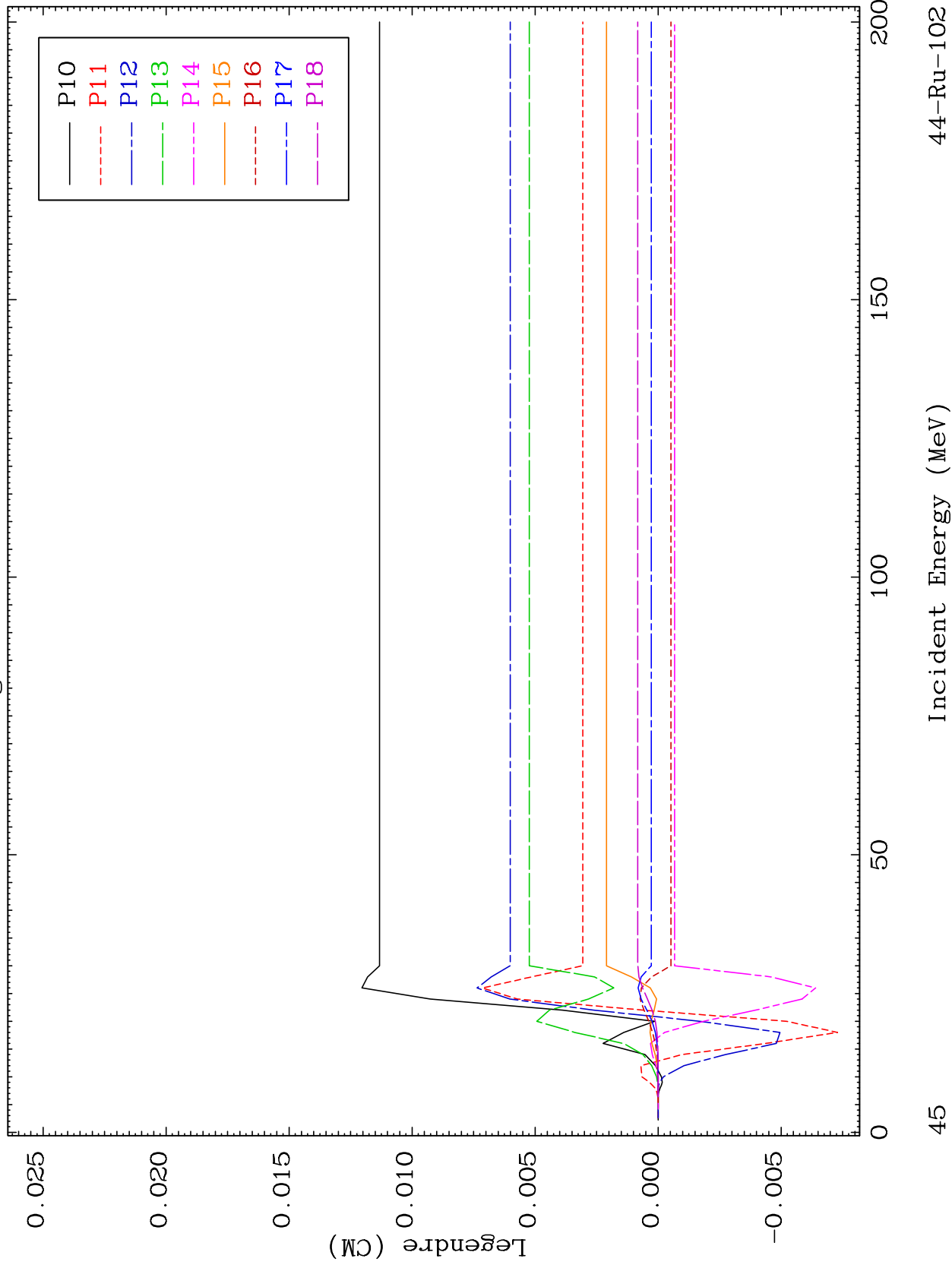
Incident Energy (MeV)

44

MAT 4443

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

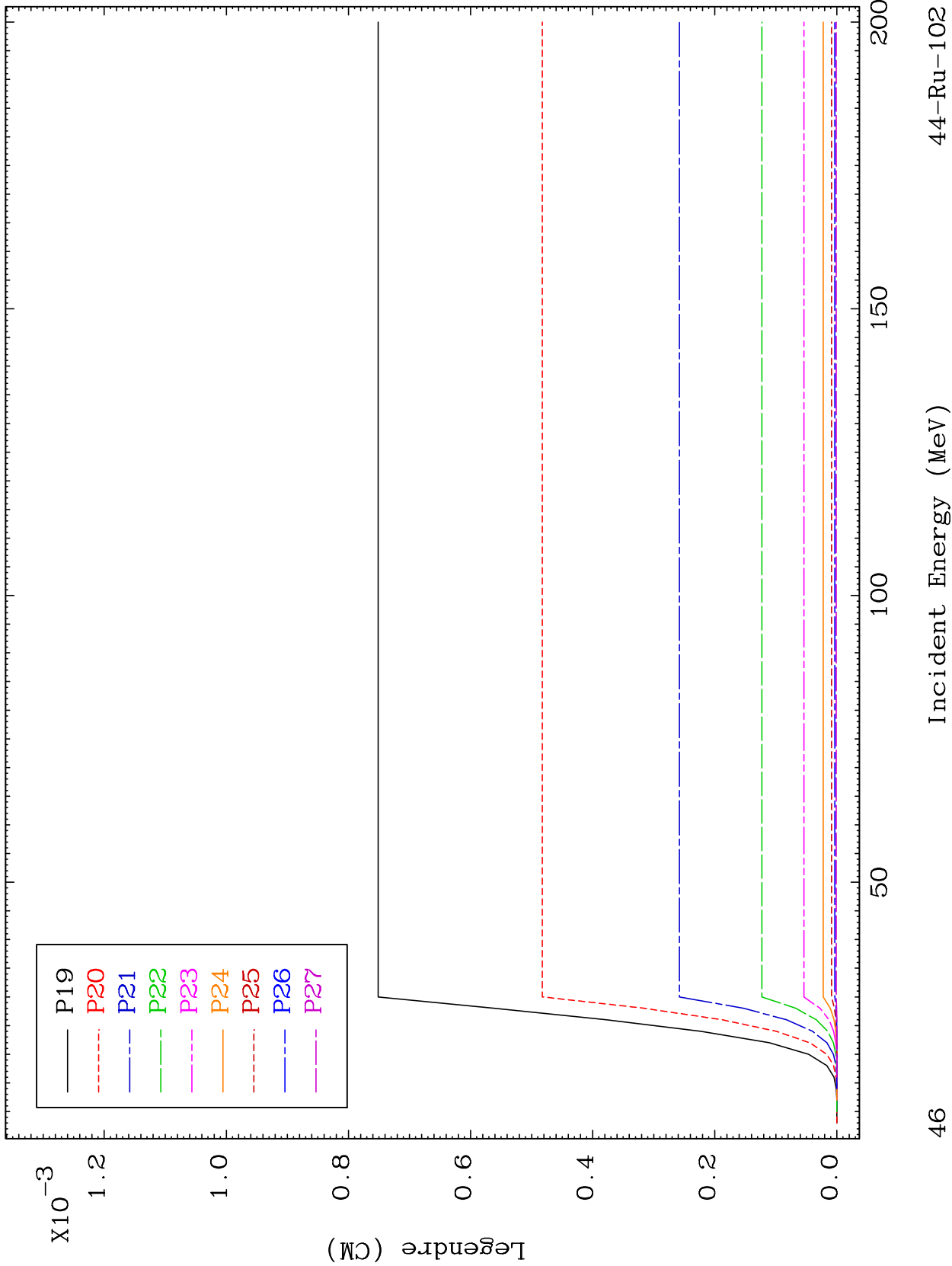
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44-Ru-102

Incident Energy (MeV)

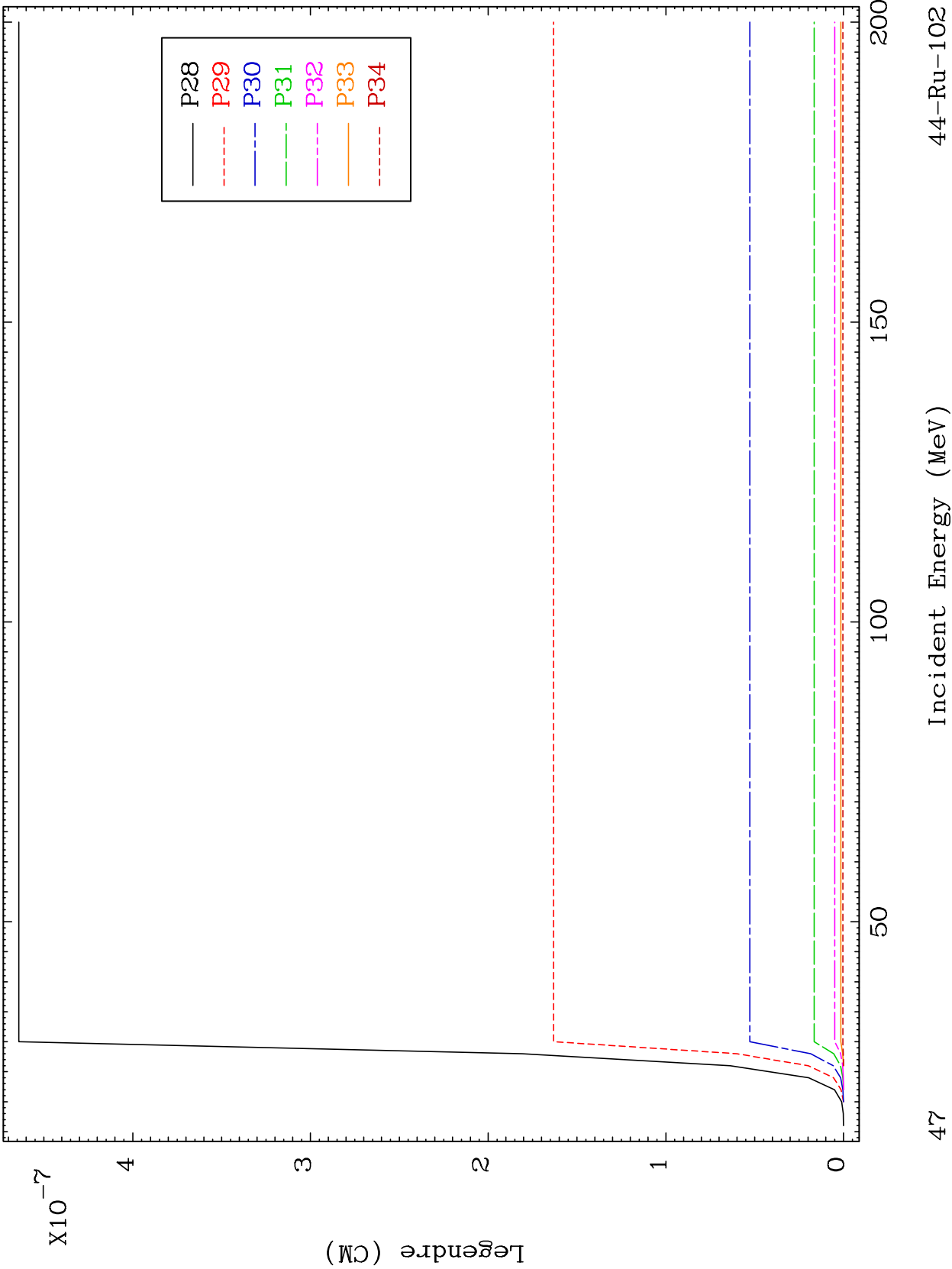
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MAT 4443

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

44-Ru-102



47

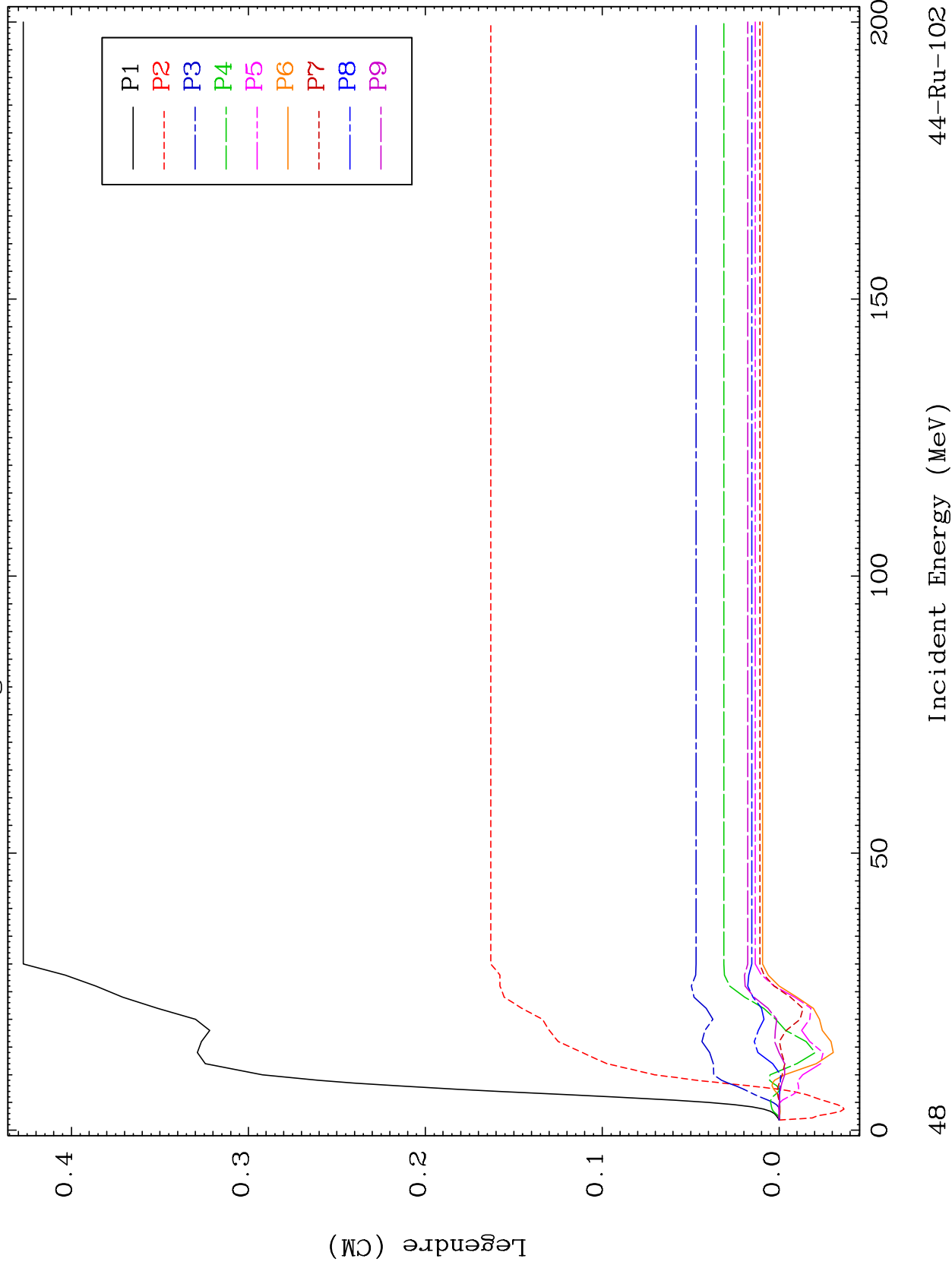
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

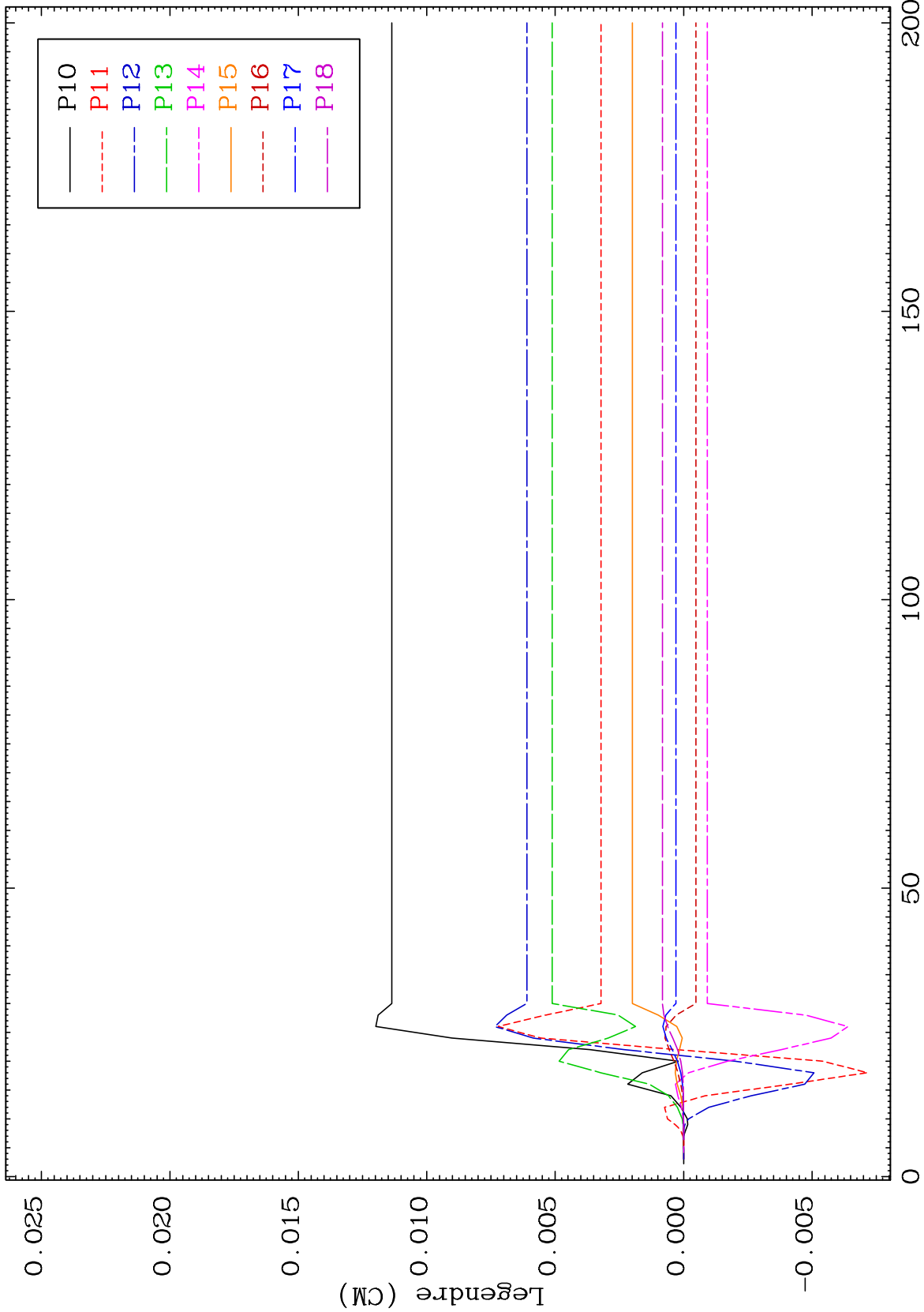
Incident Energy (MeV)

48

MAT 4443

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

44-Ru-102



49

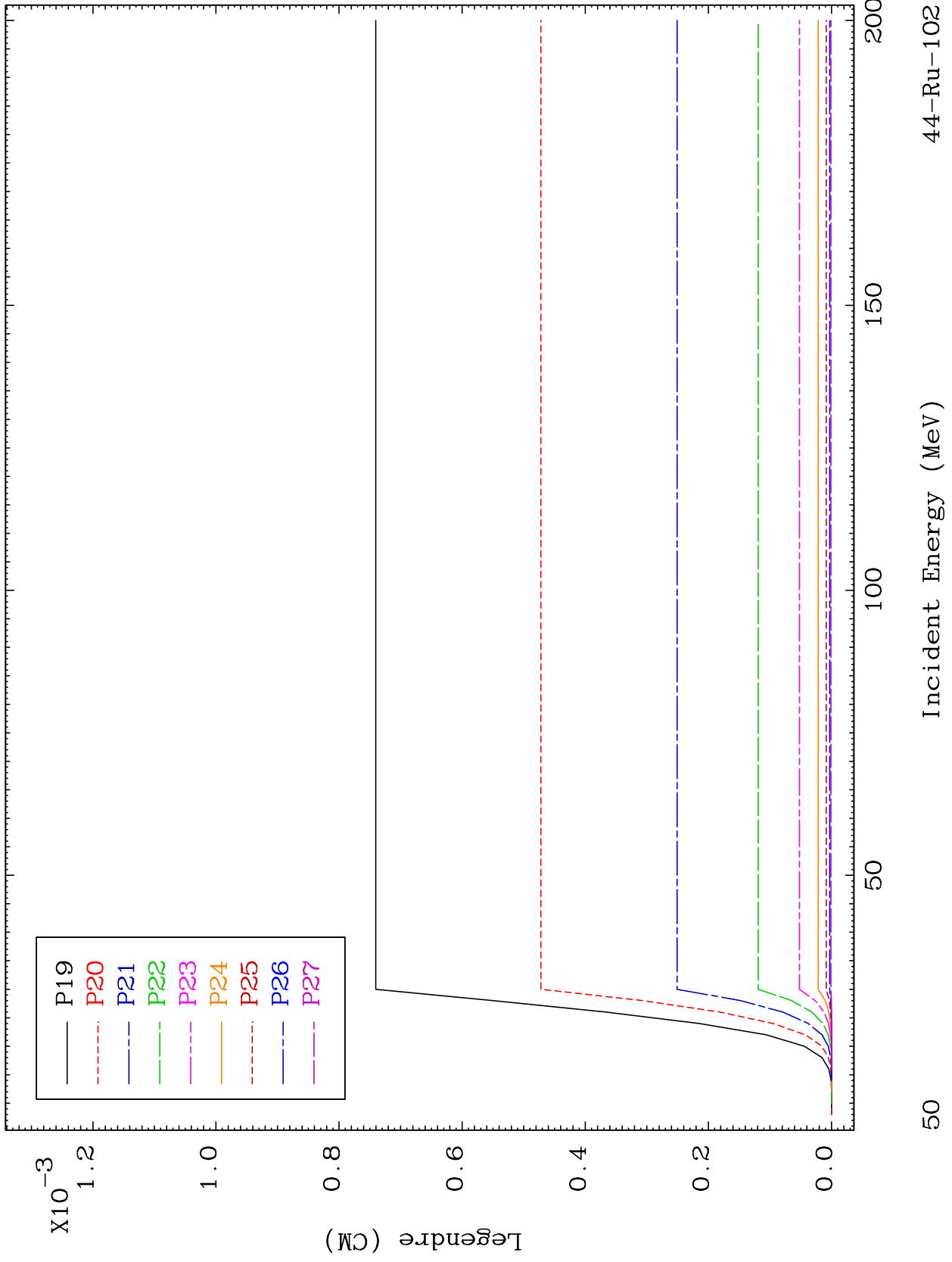
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

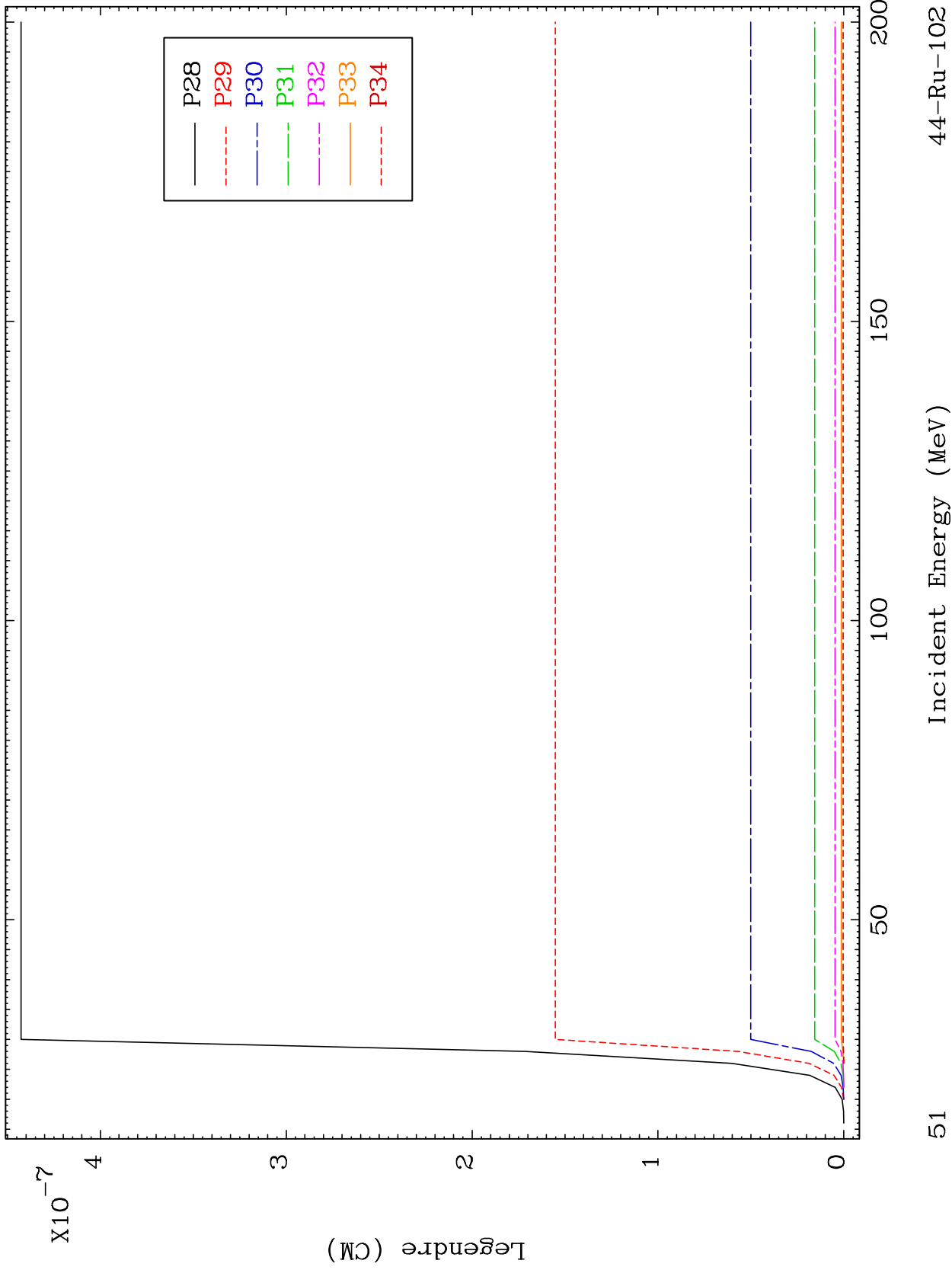
Incident Energy (MeV)

50

MAT 4443

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

44-Ru-102

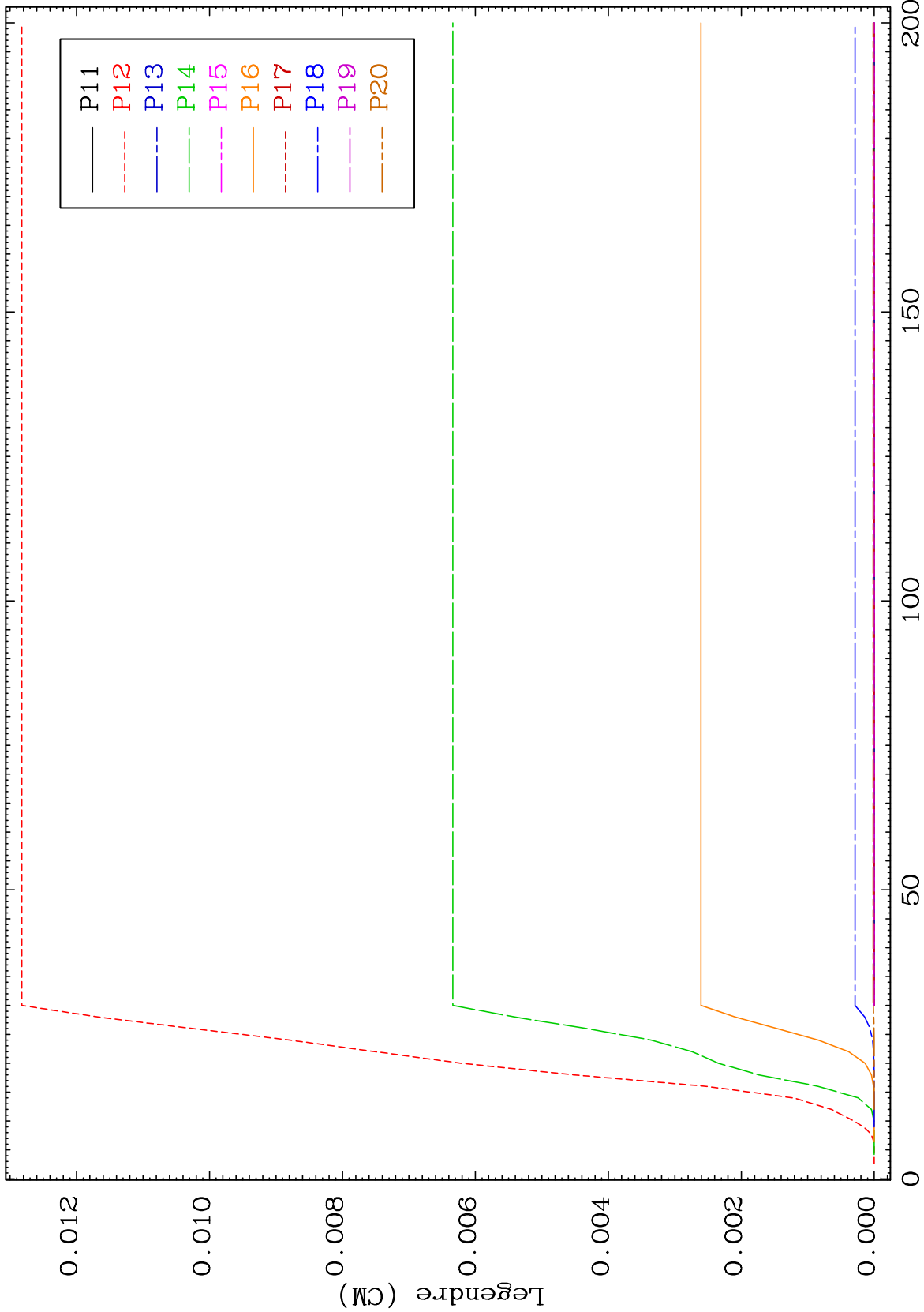


51

MAT 4443

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

44-Ru-102



53

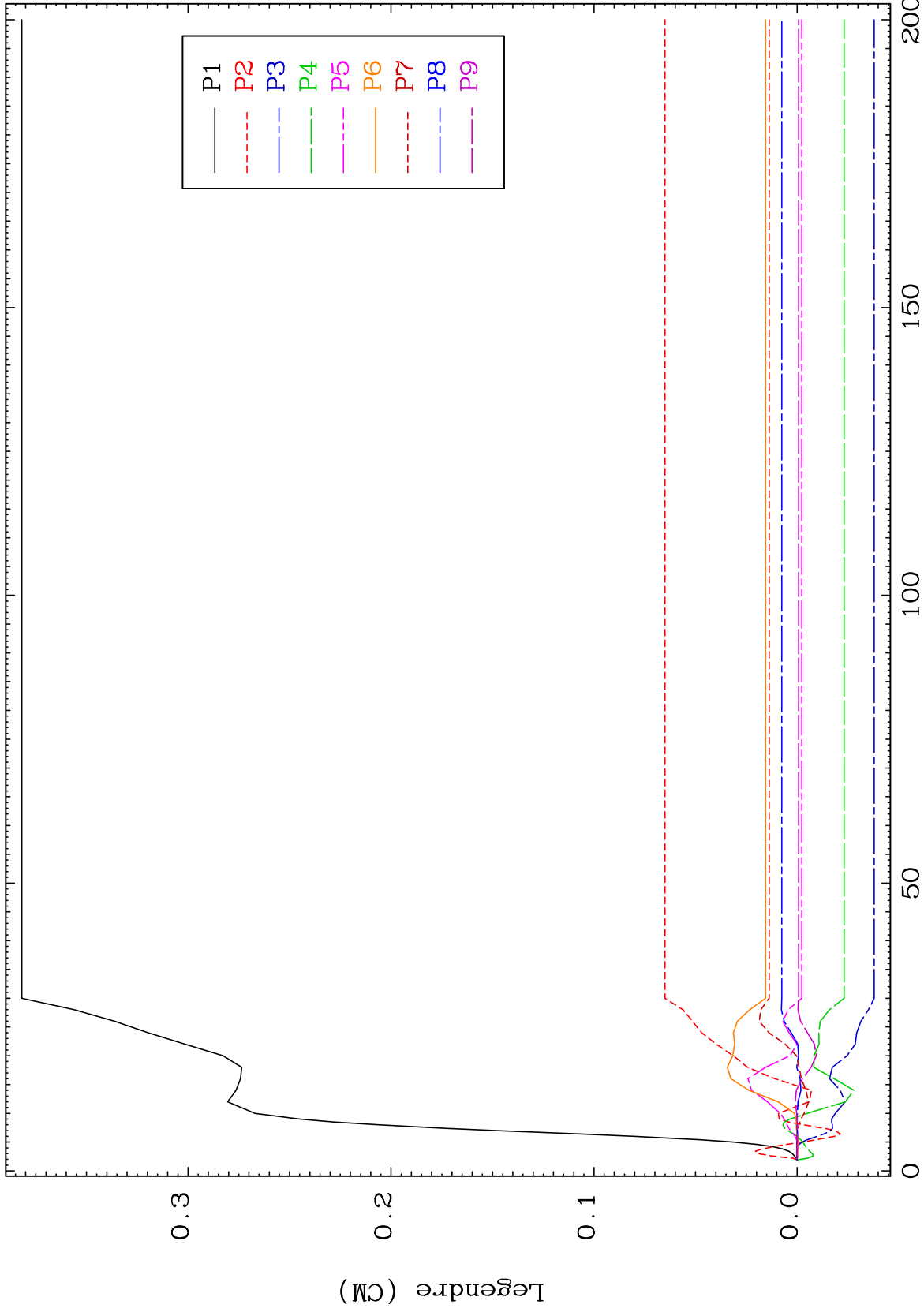
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



55

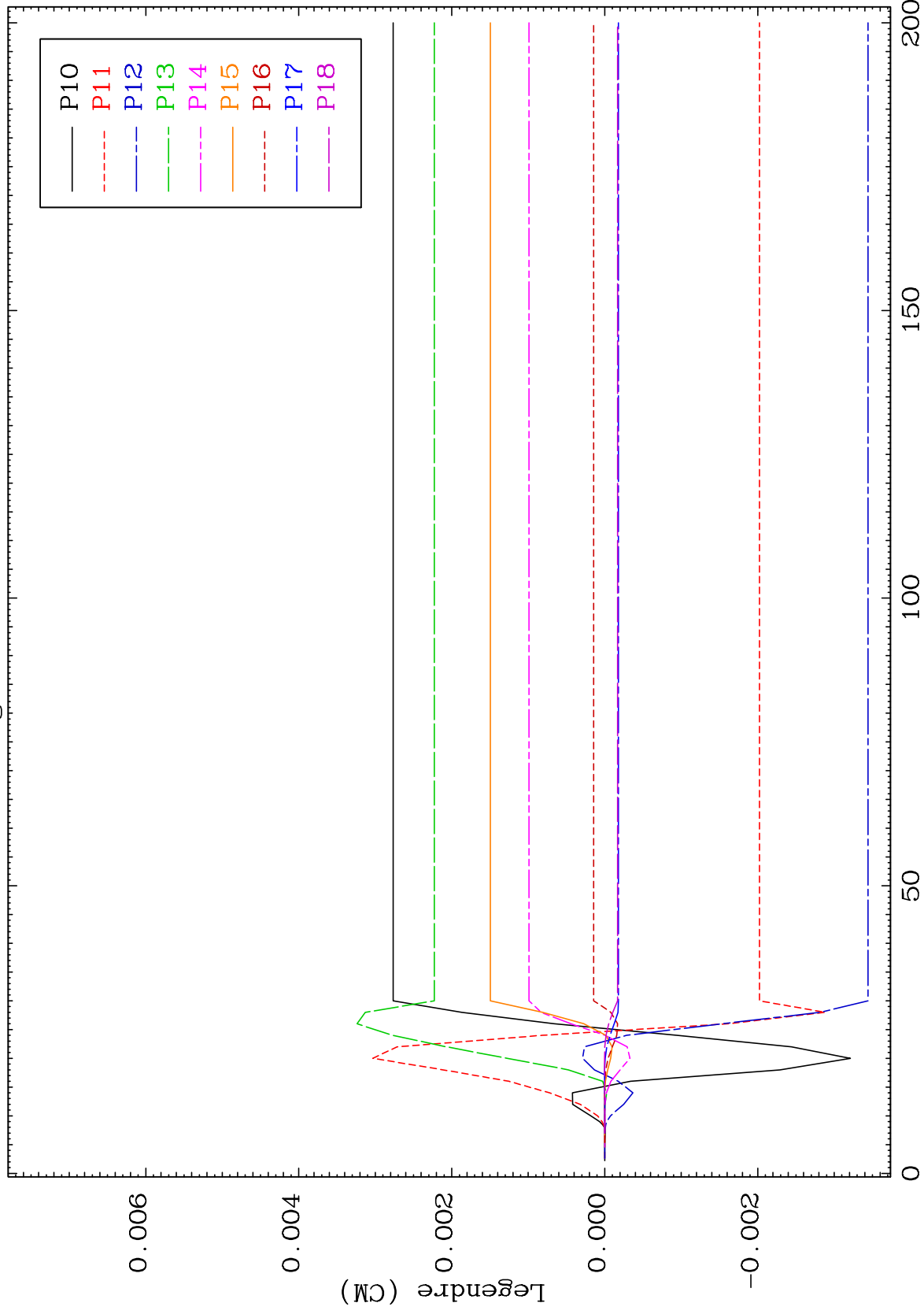
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



56

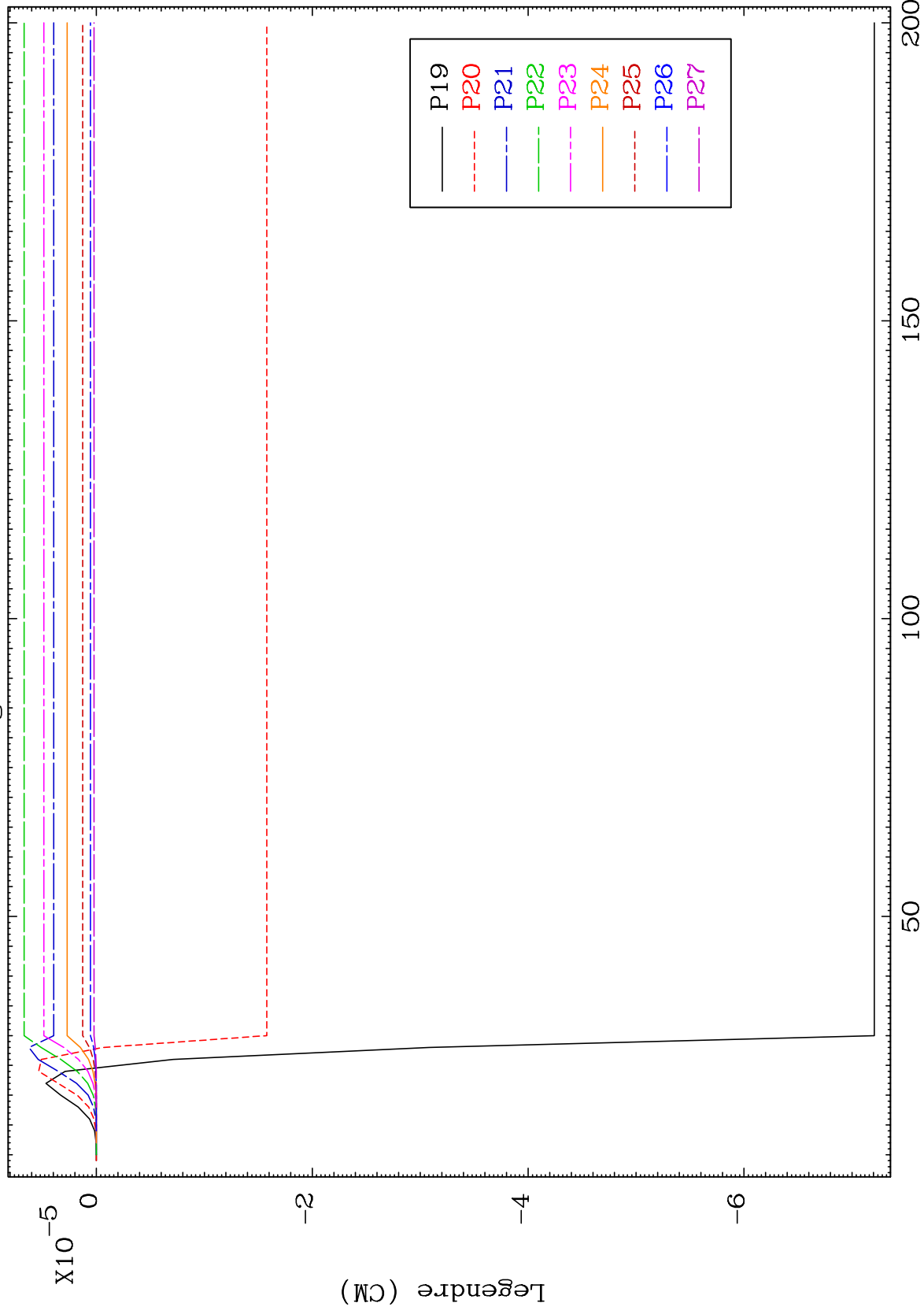
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



57

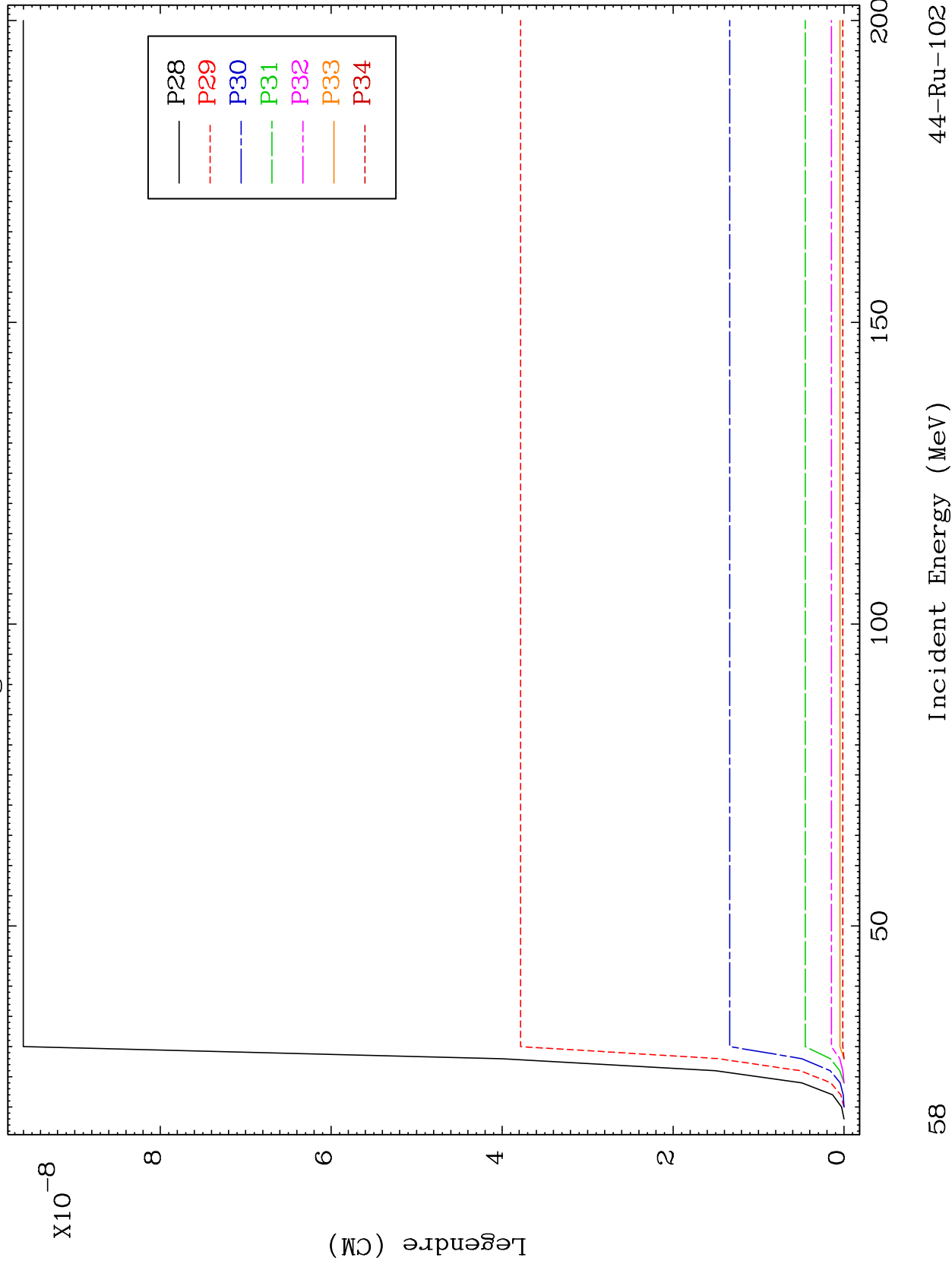
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

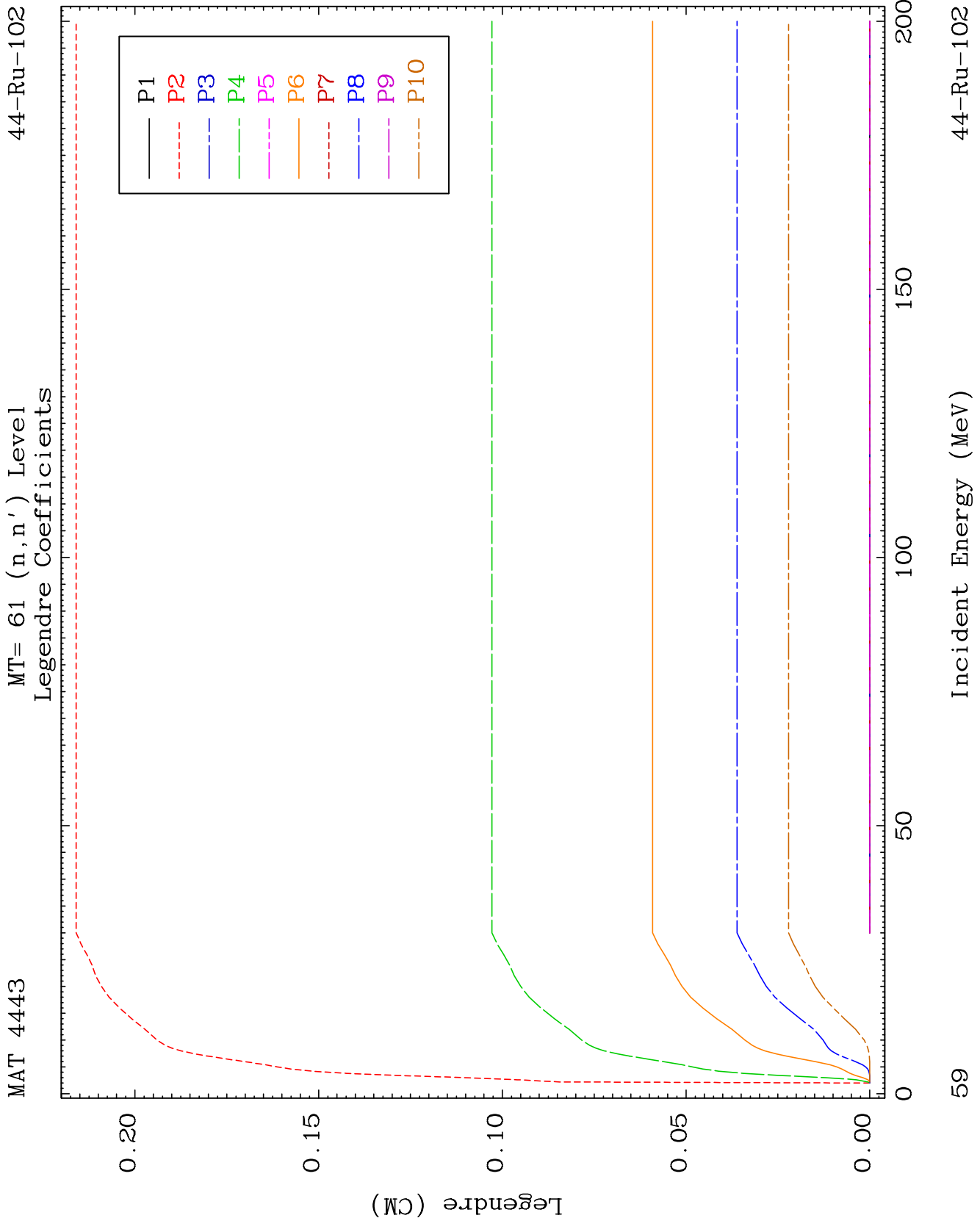
44-Ru-102



58

Incident Energy (MeV)

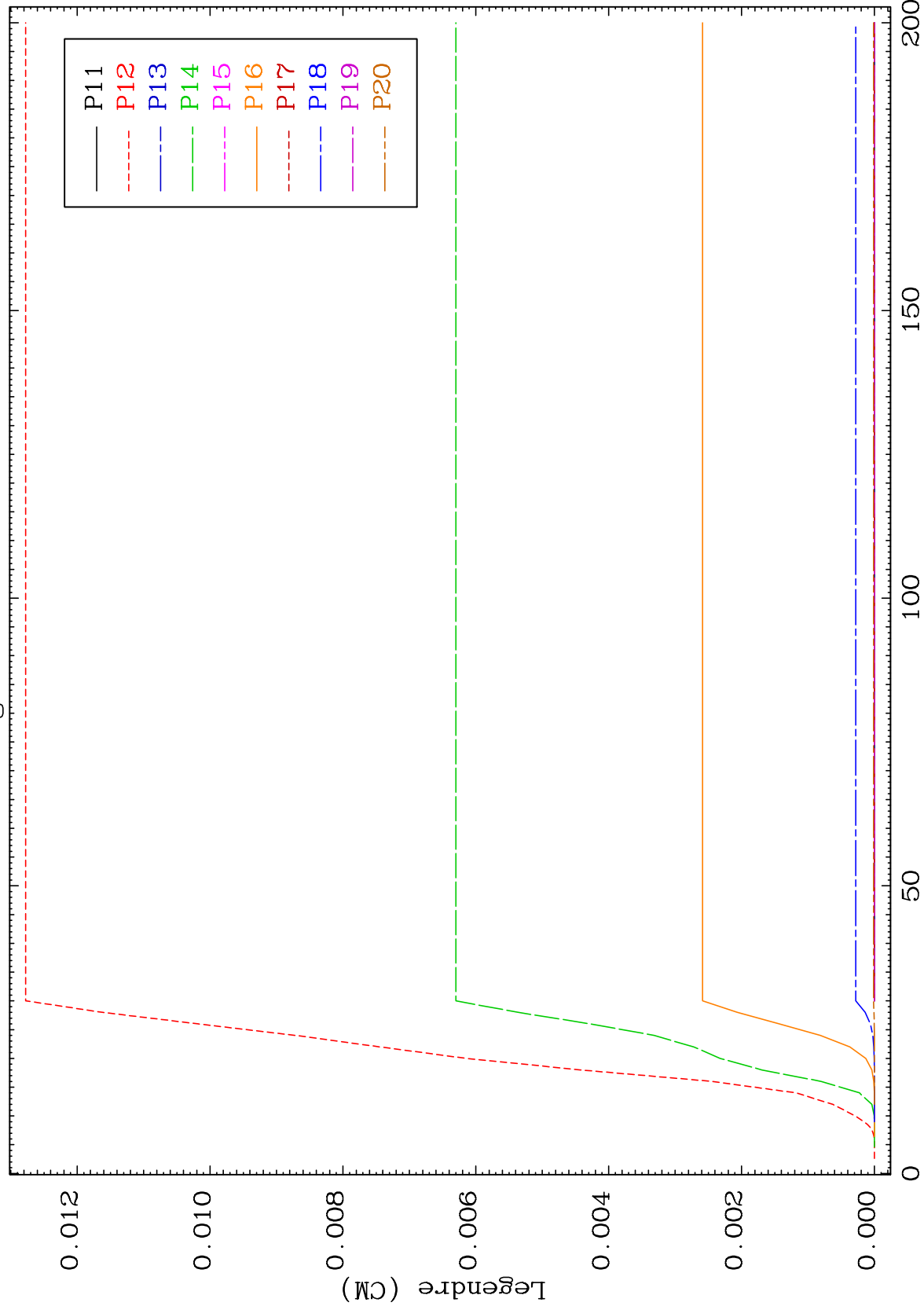
44-Ru-102



MAT 4443

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

44-Ru-102



60

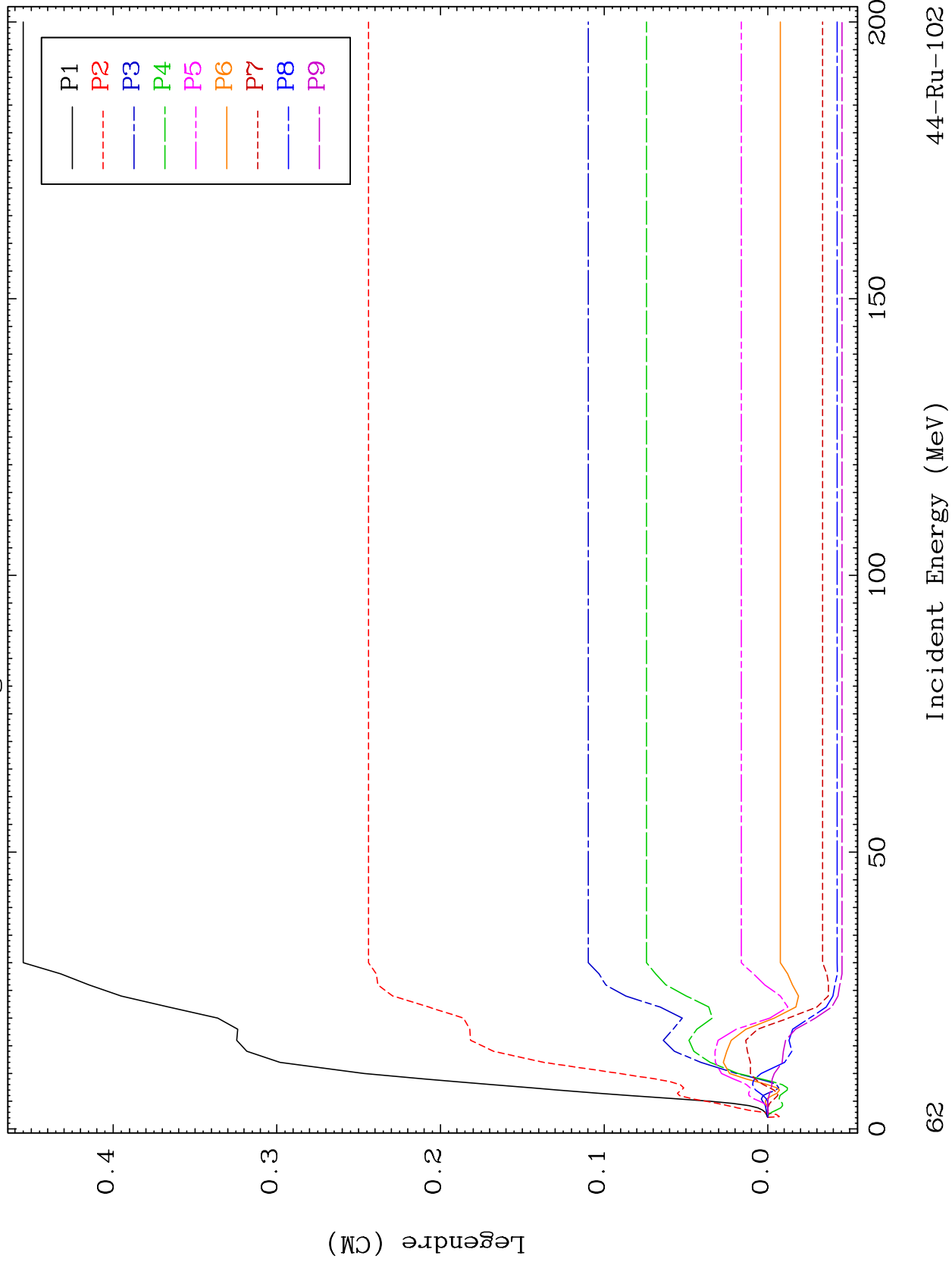
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



44-Ru-102

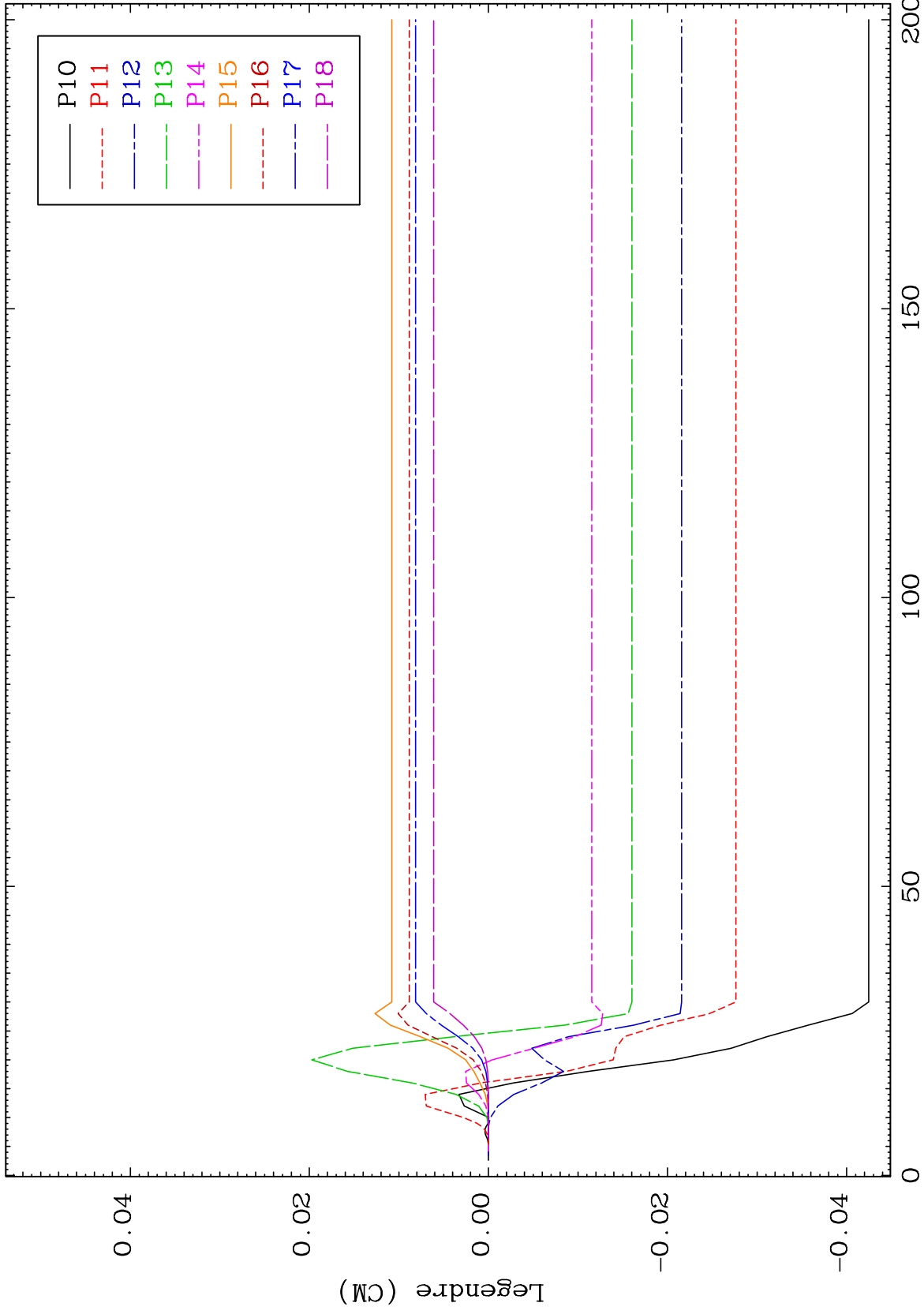
Incident Energy (MeV)

62

MAT 4443

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

44-Ru-102



63

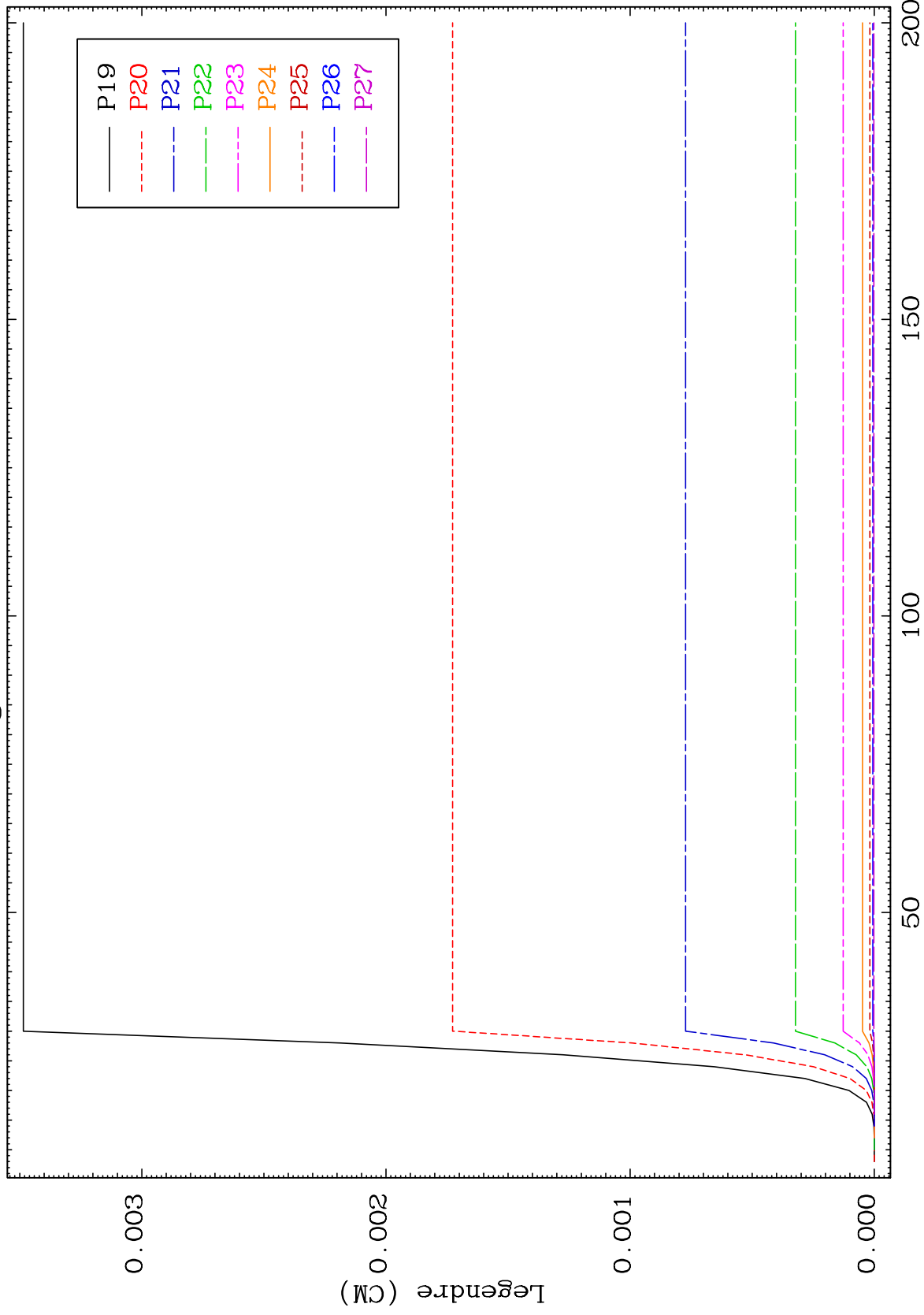
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



64

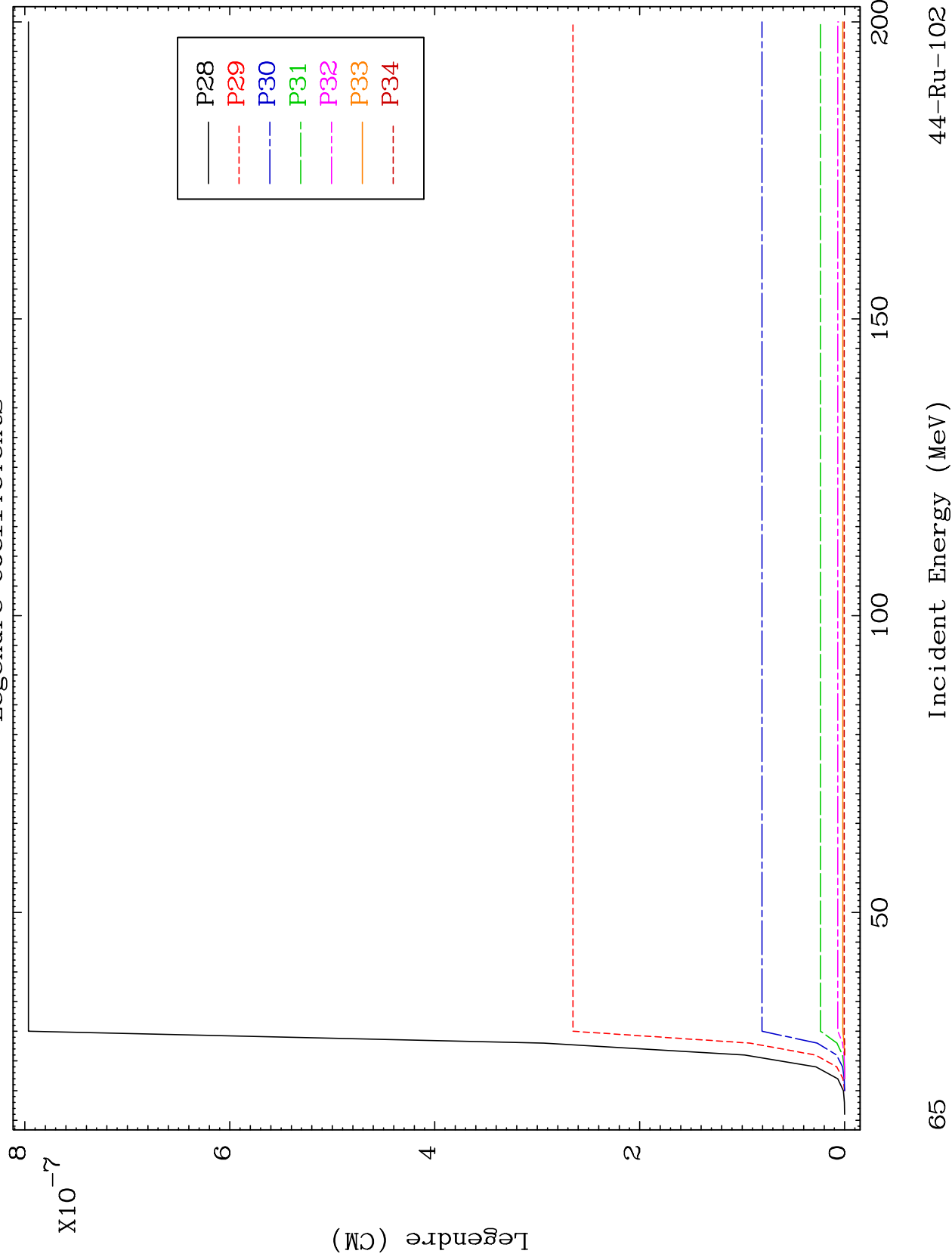
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

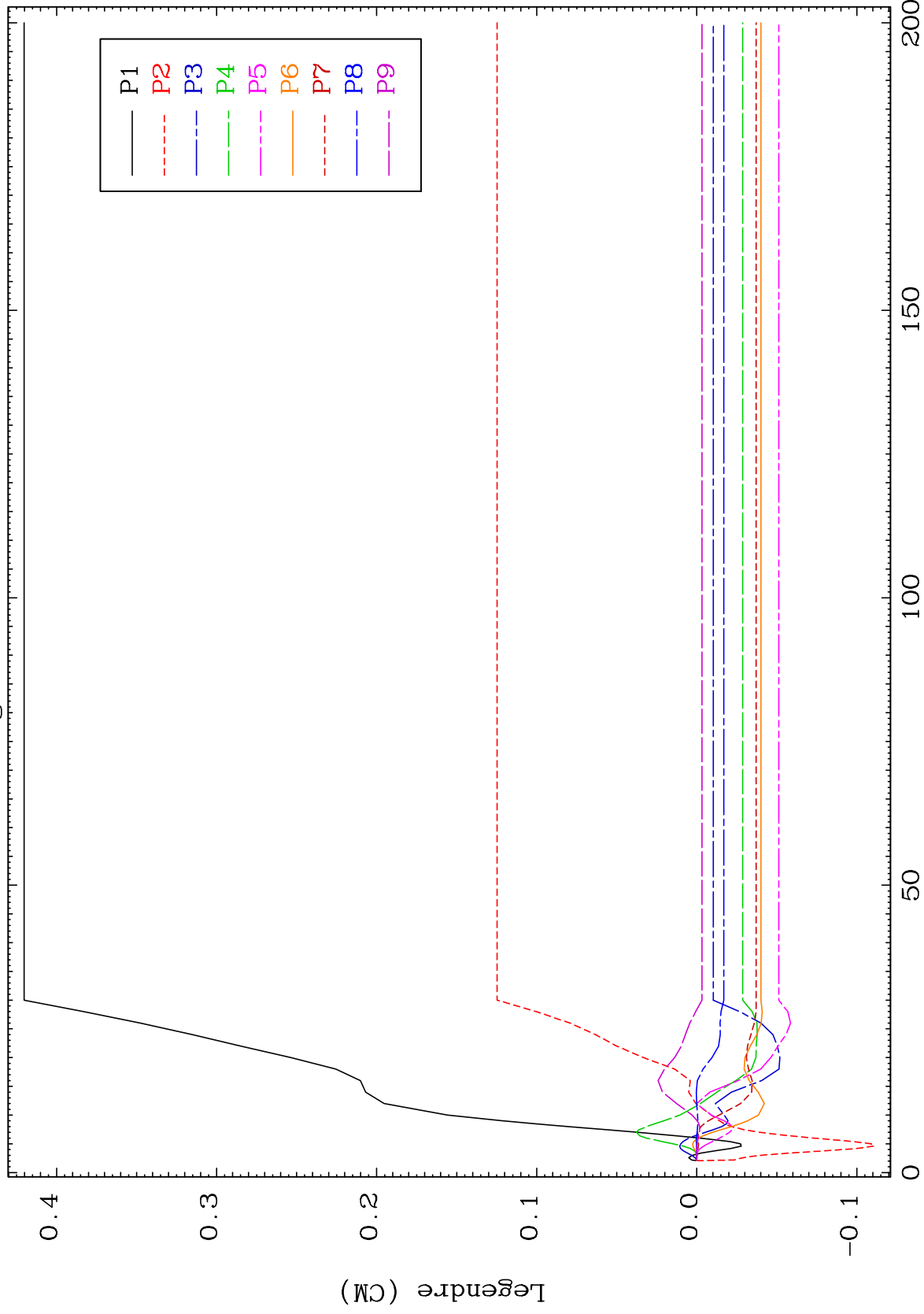
44-Ru-102



MAT 4443

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

44-Ru-102



66

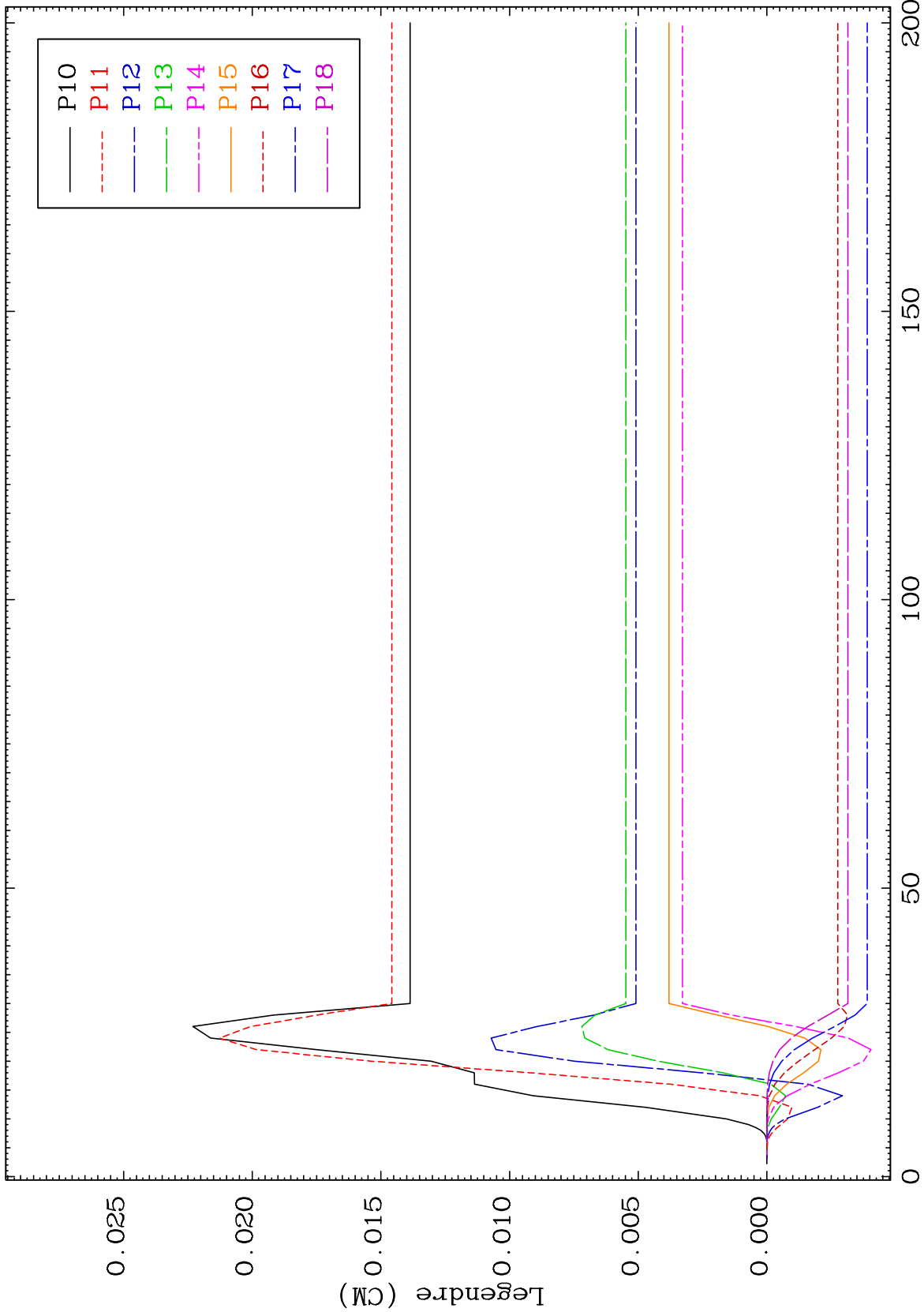
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



67

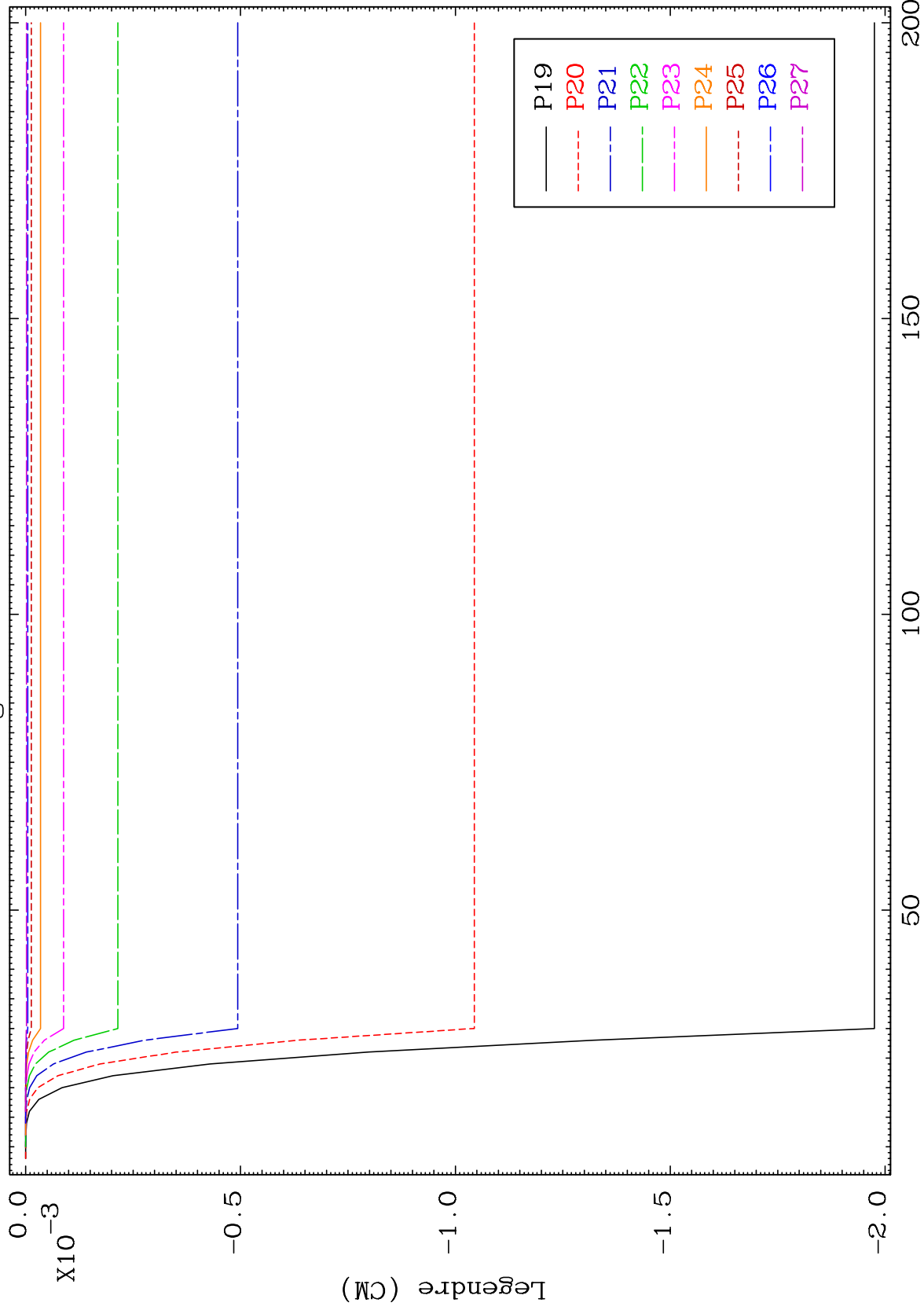
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

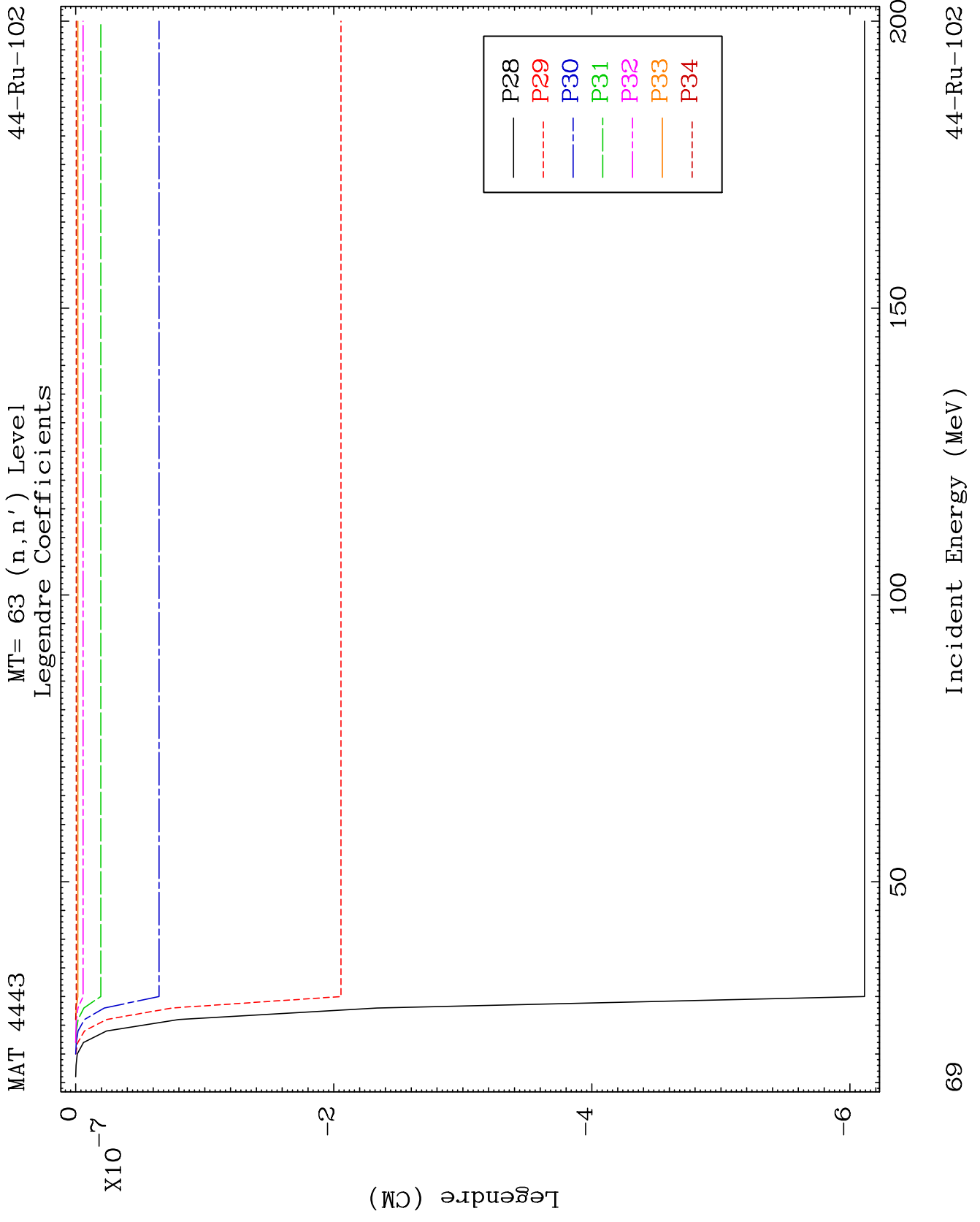
44-Ru-102



68

Incident Energy (MeV)

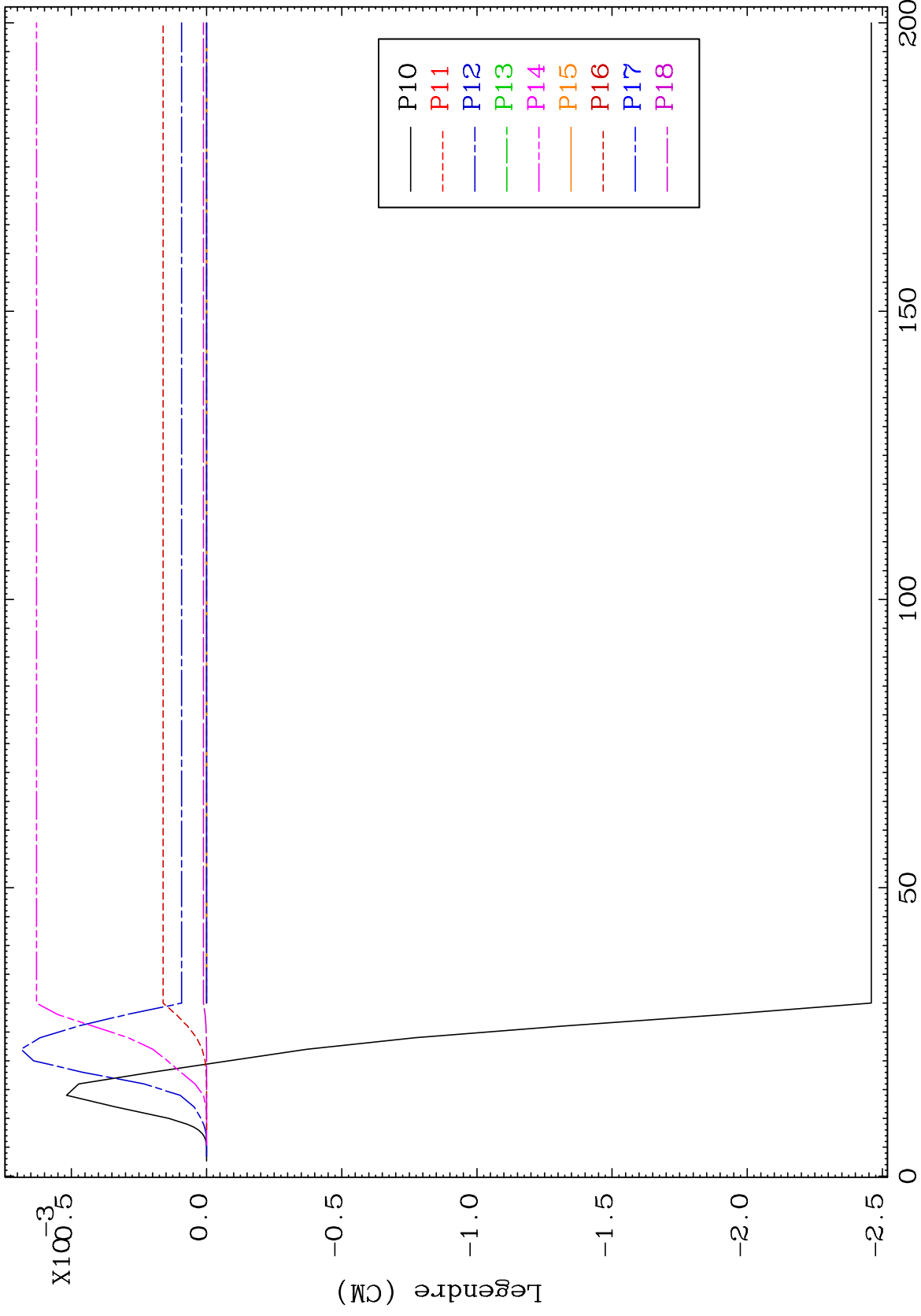
44-Ru-102



MAT 4443

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

44-Ru-102



71

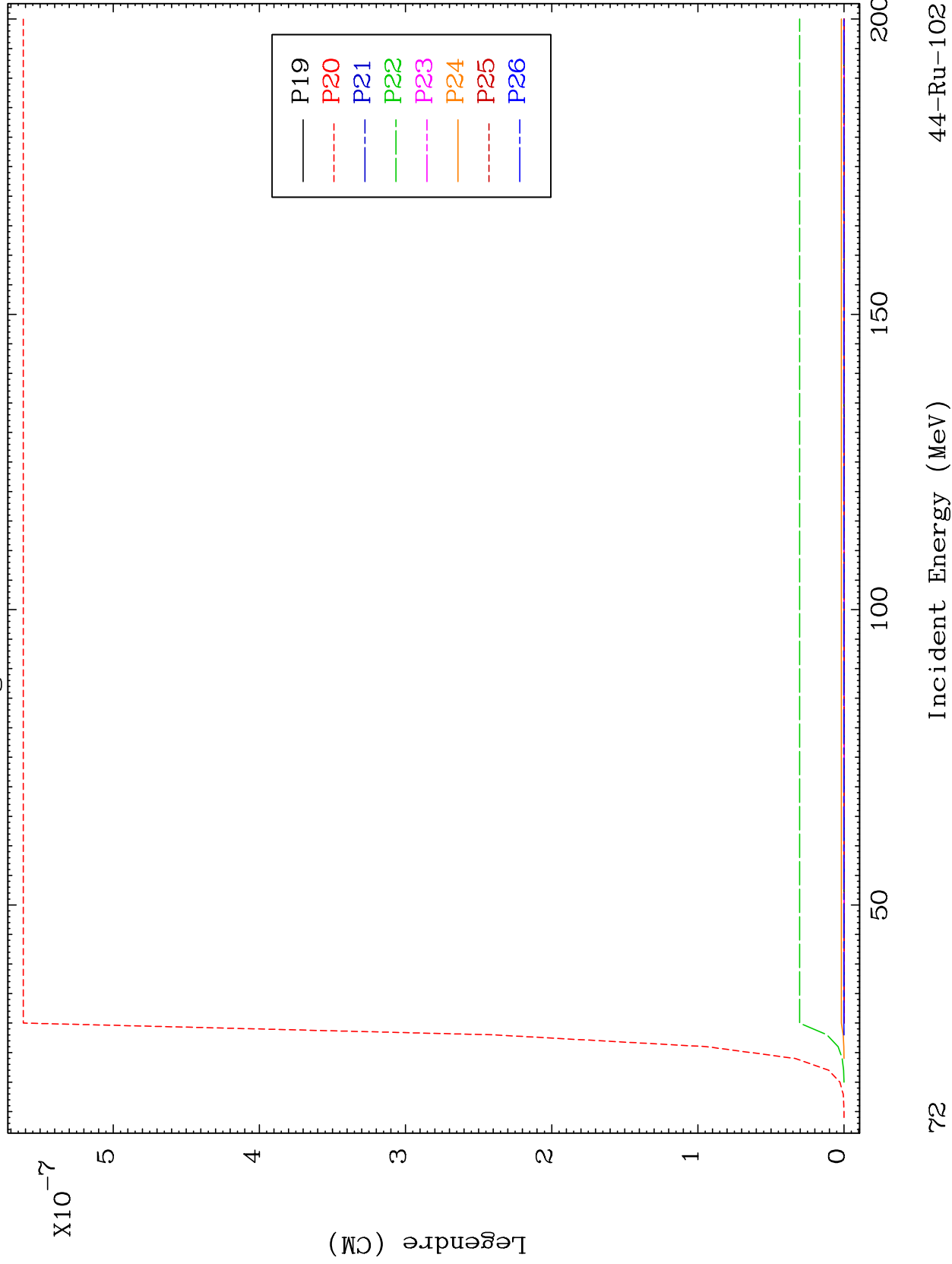
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



72

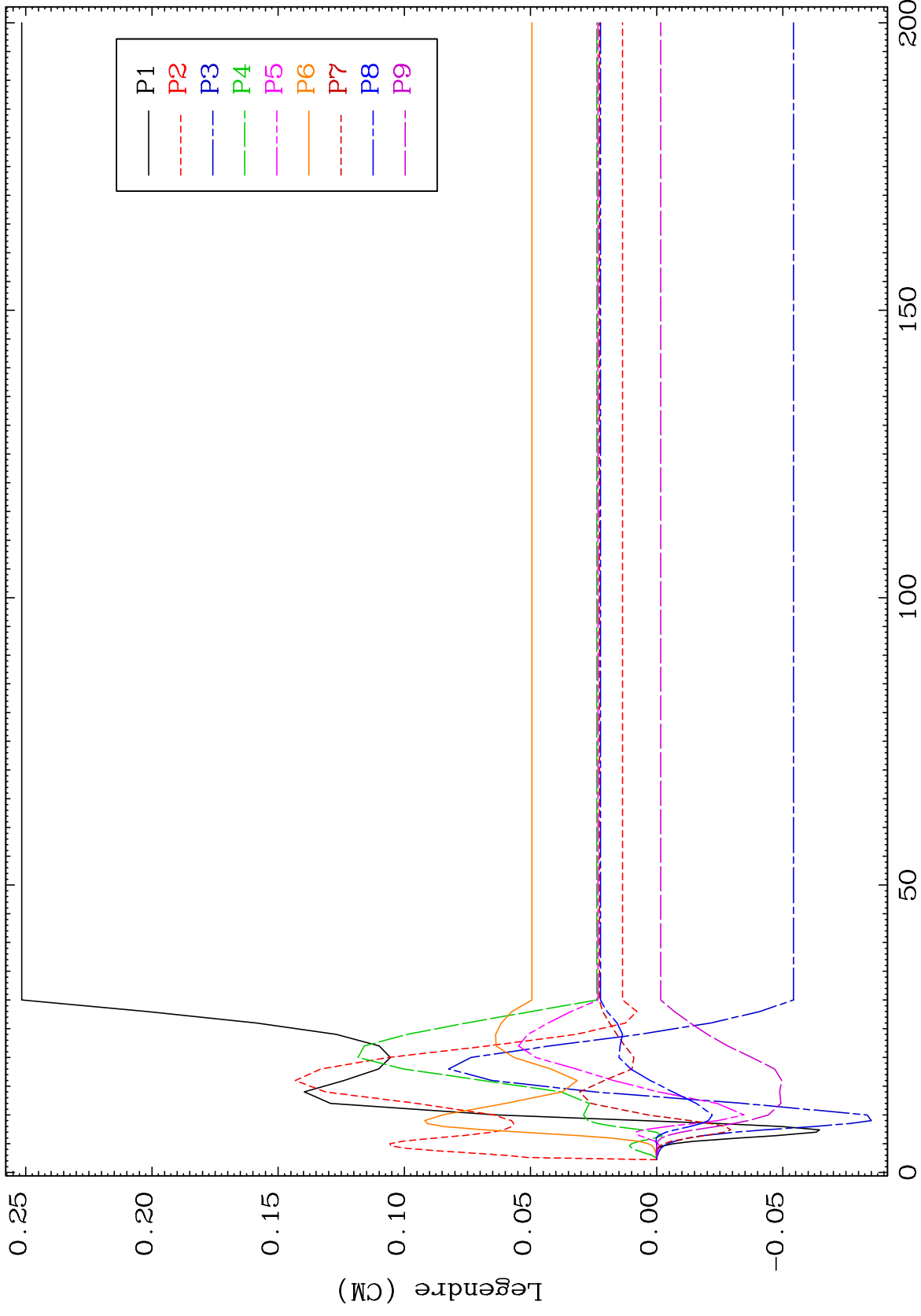
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



73

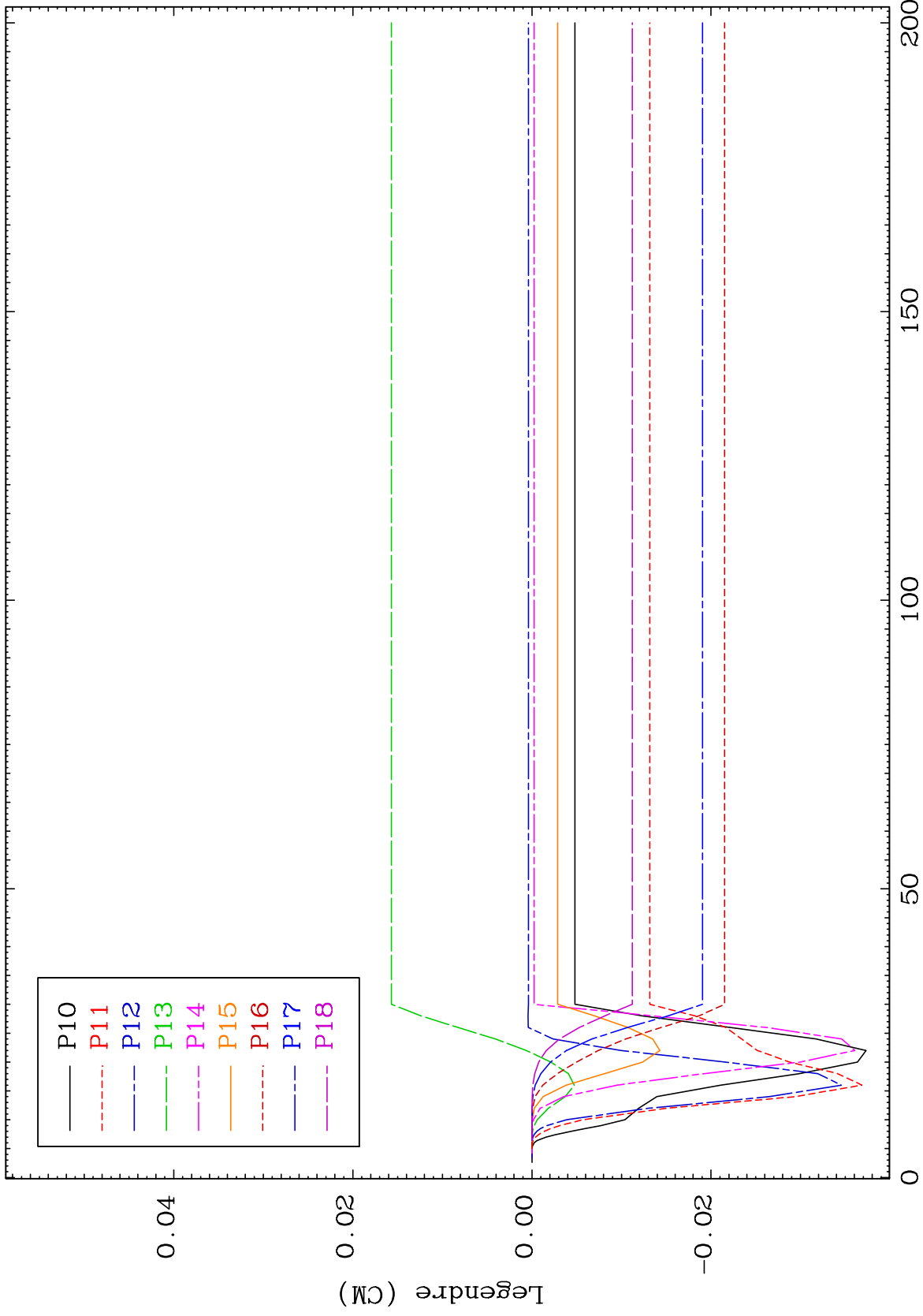
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



74

Incident Energy (MeV)

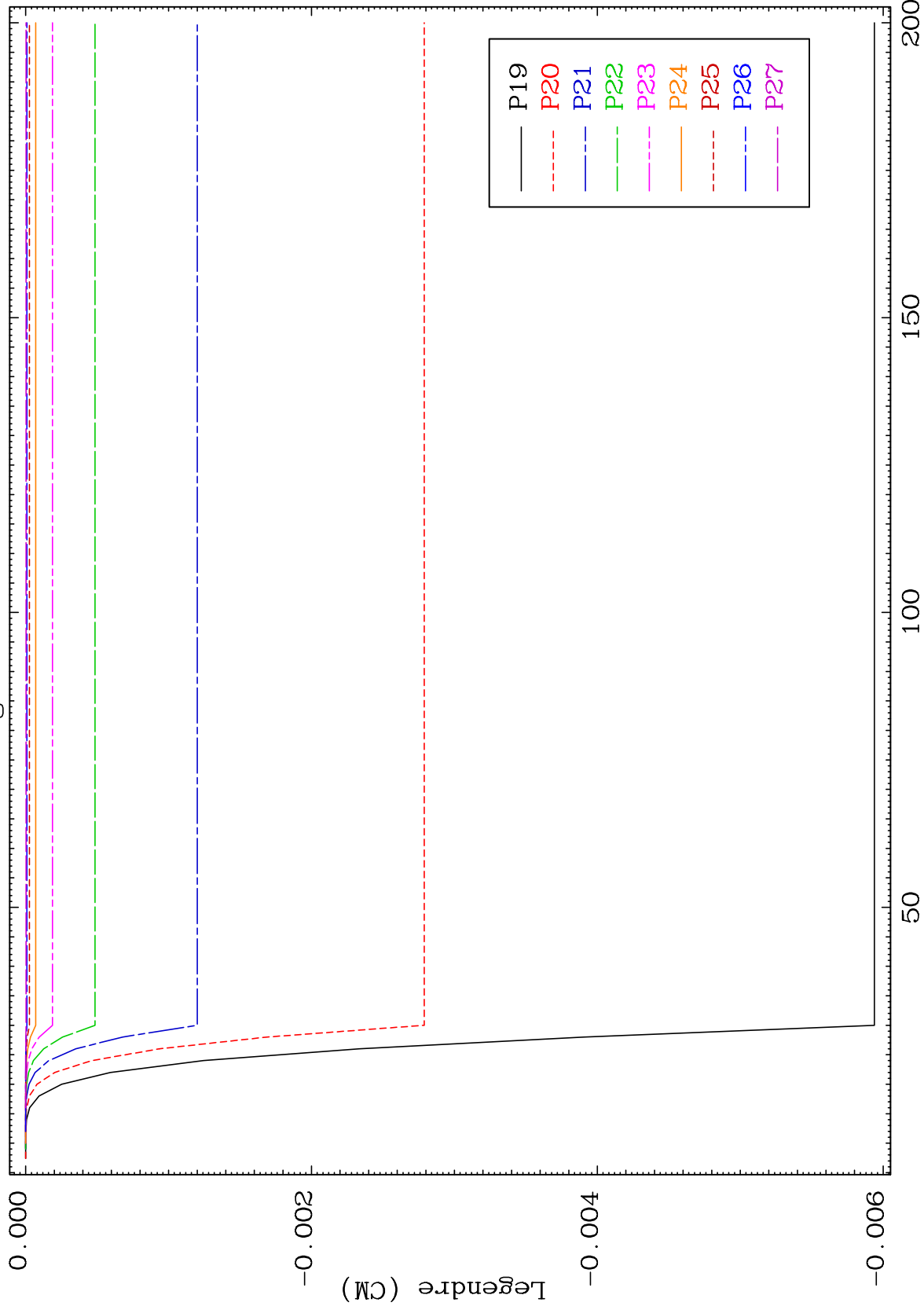
44-Ru-102

MAT 4443

MT= 65 (n,n') Level

44-Ru-102

Legendre Coefficients



44-Ru-102

Incident Energy (MeV)

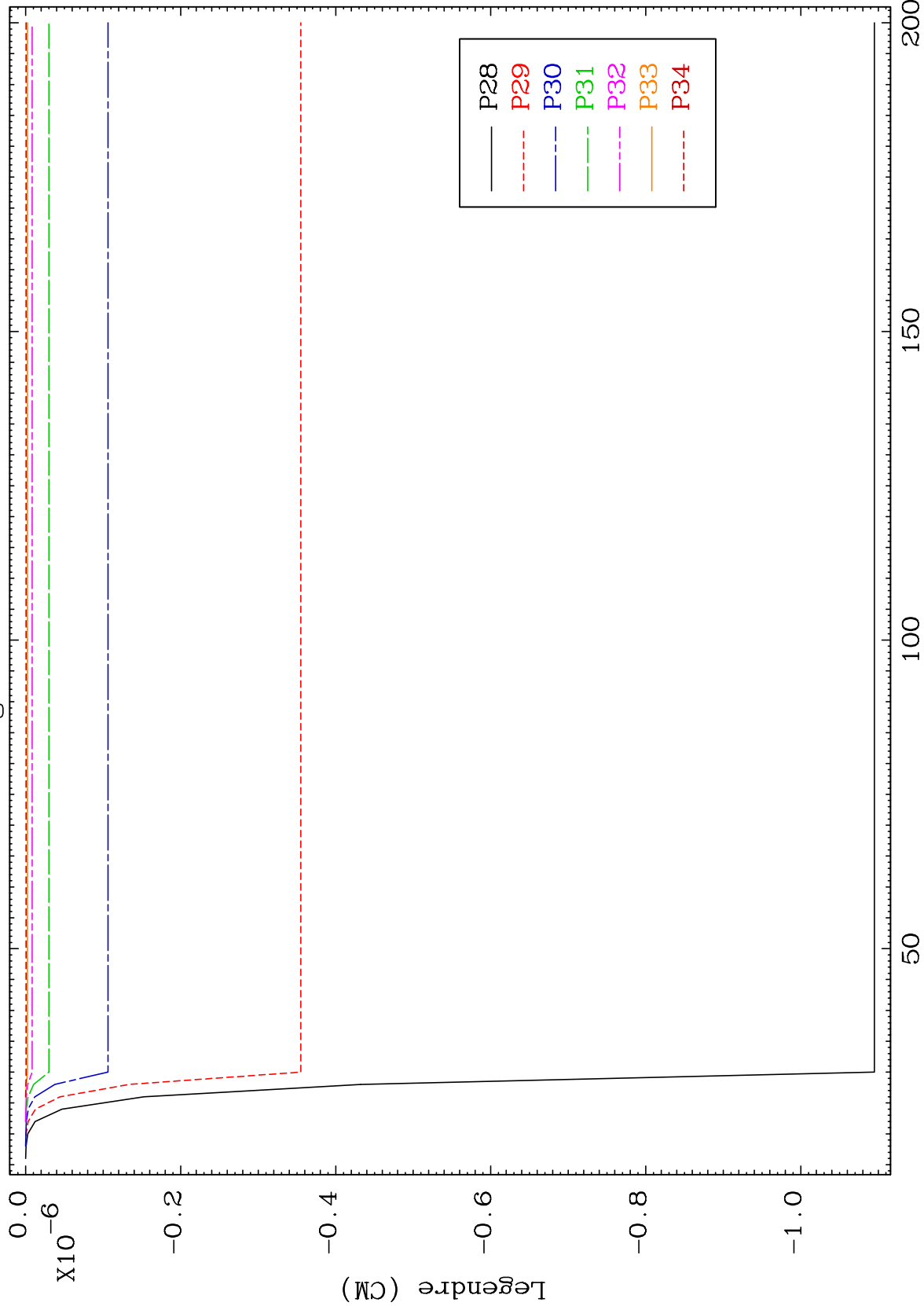
75

MAT 4443

MT= 65 (n,n') Level

44-Ru-102

Legendre Coefficients



76

Incident Energy (MeV)

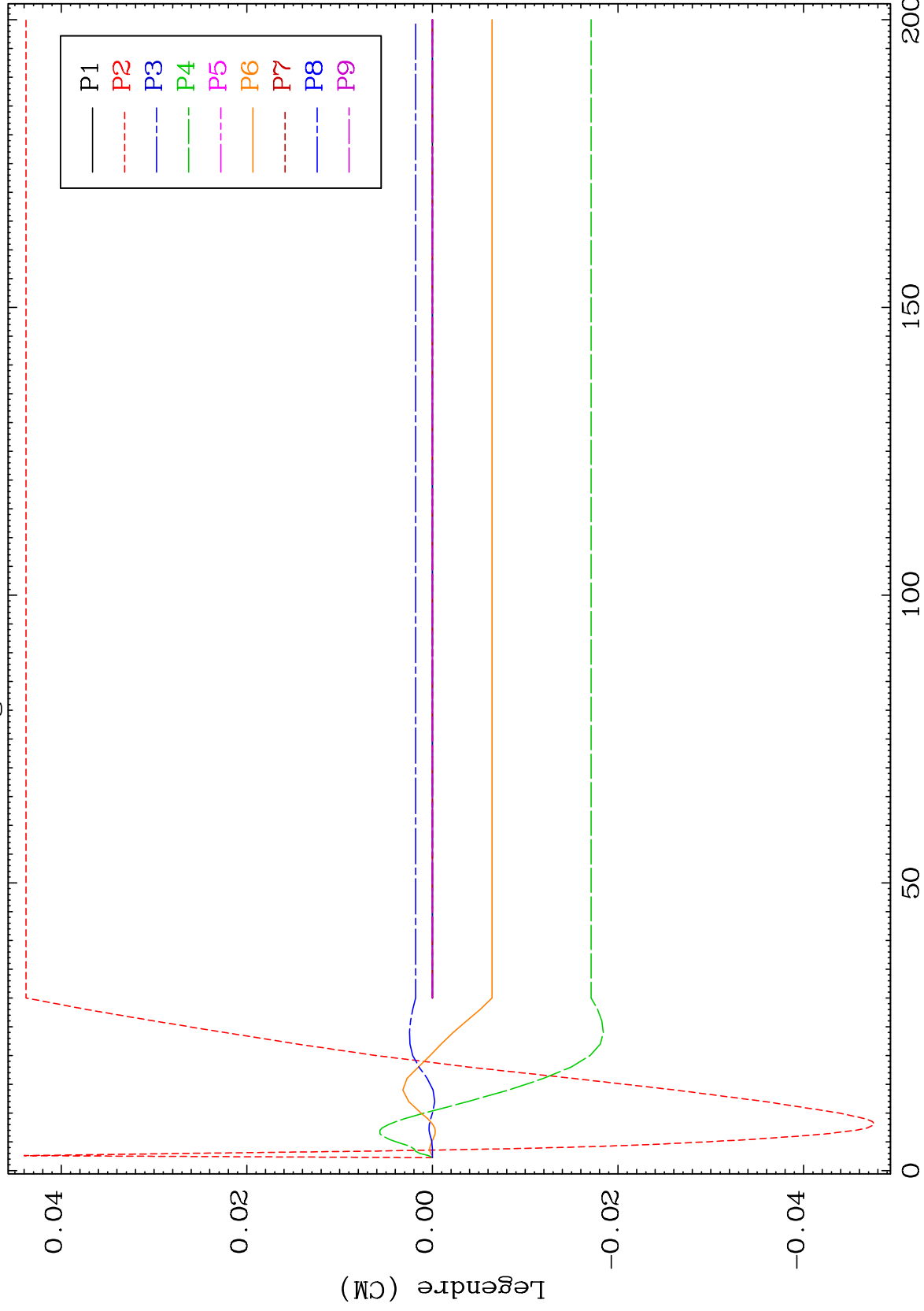
44-Ru-102

MAT 4443

MT= 66 (n,n') Level

44-Ru-102

Legendre Coefficients



77

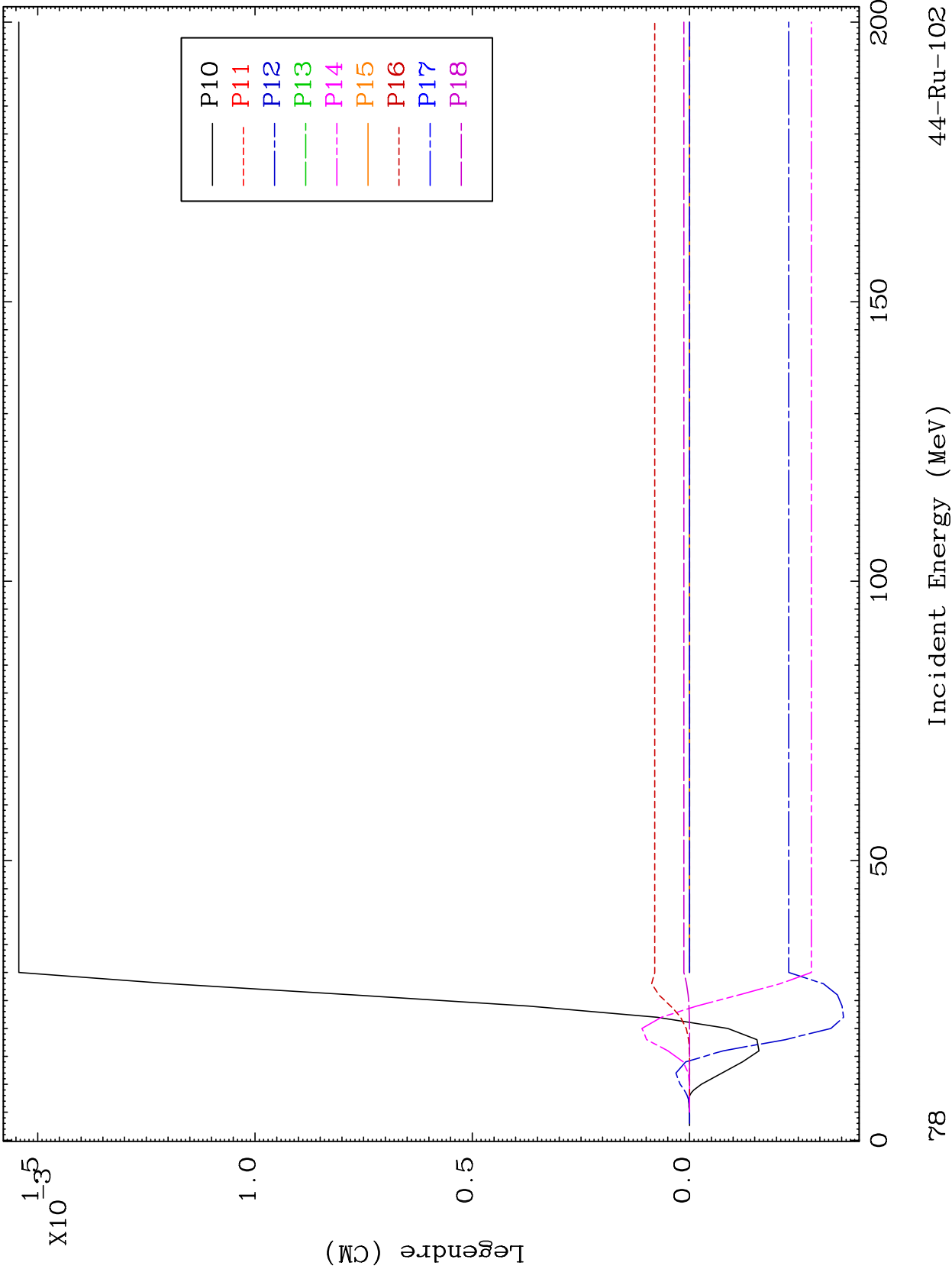
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



78

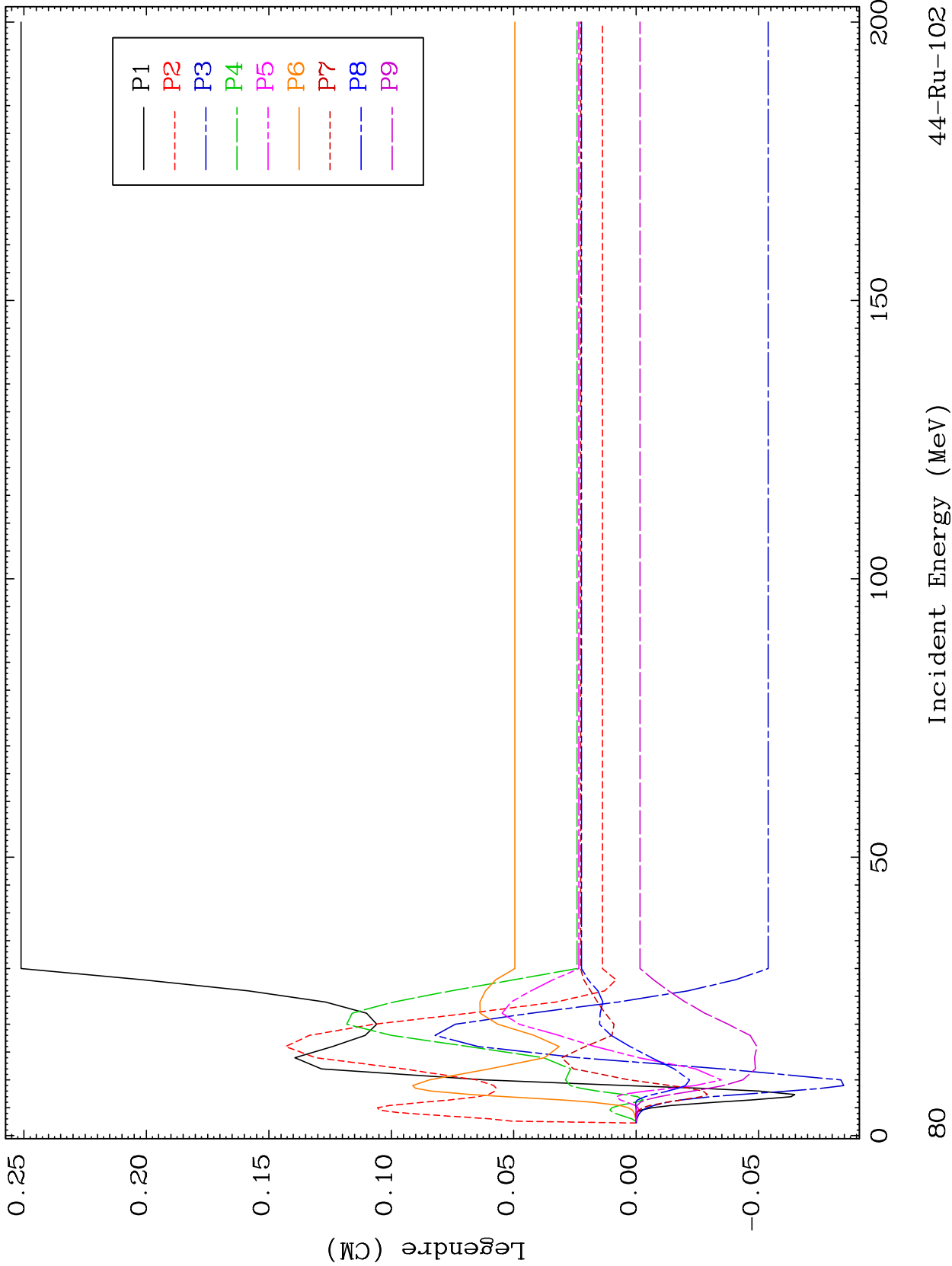
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



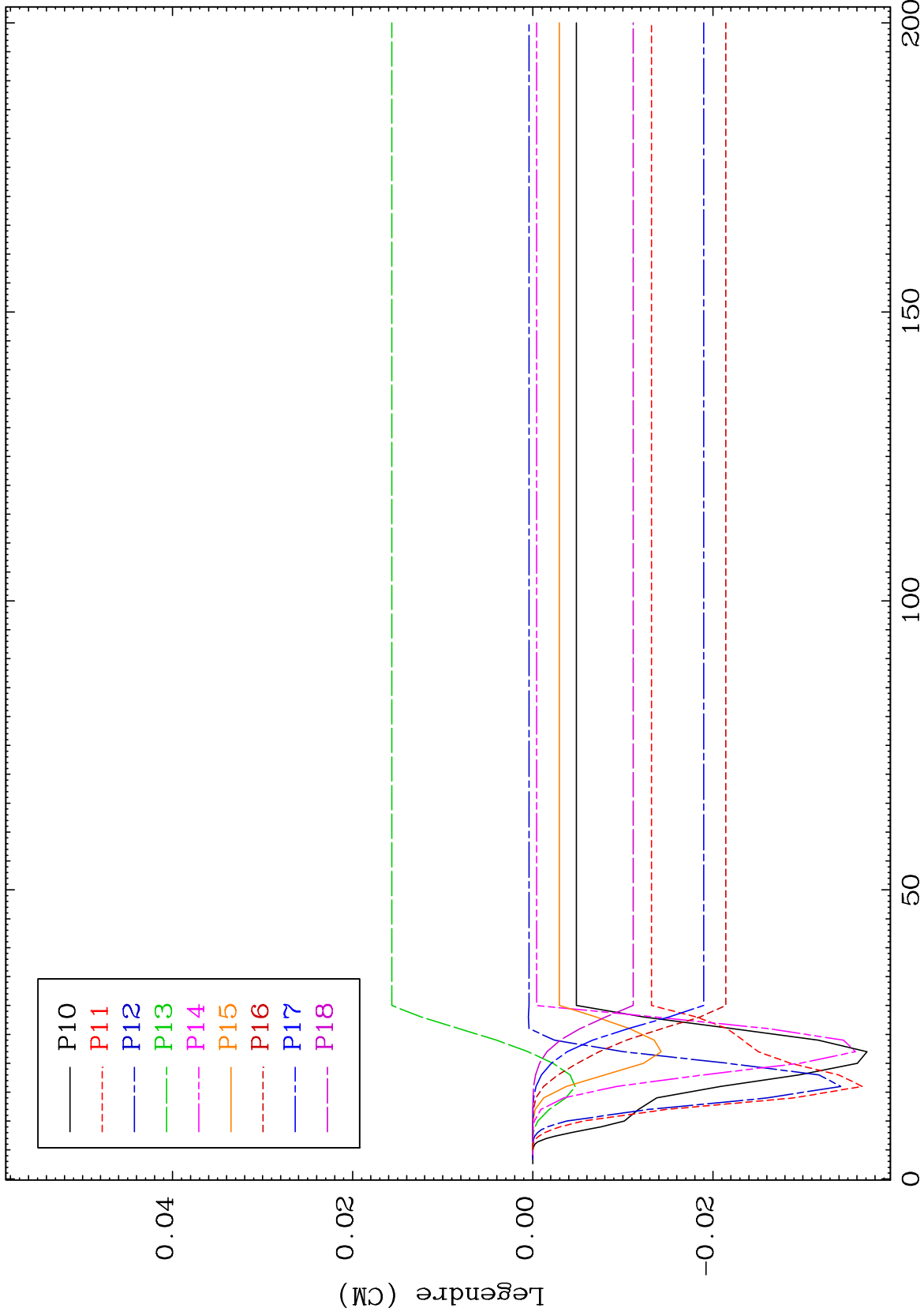
44-Ru-102

Incident Energy (MeV)

MAT 4443

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

44-Ru-102



81

Incident Energy (MeV)

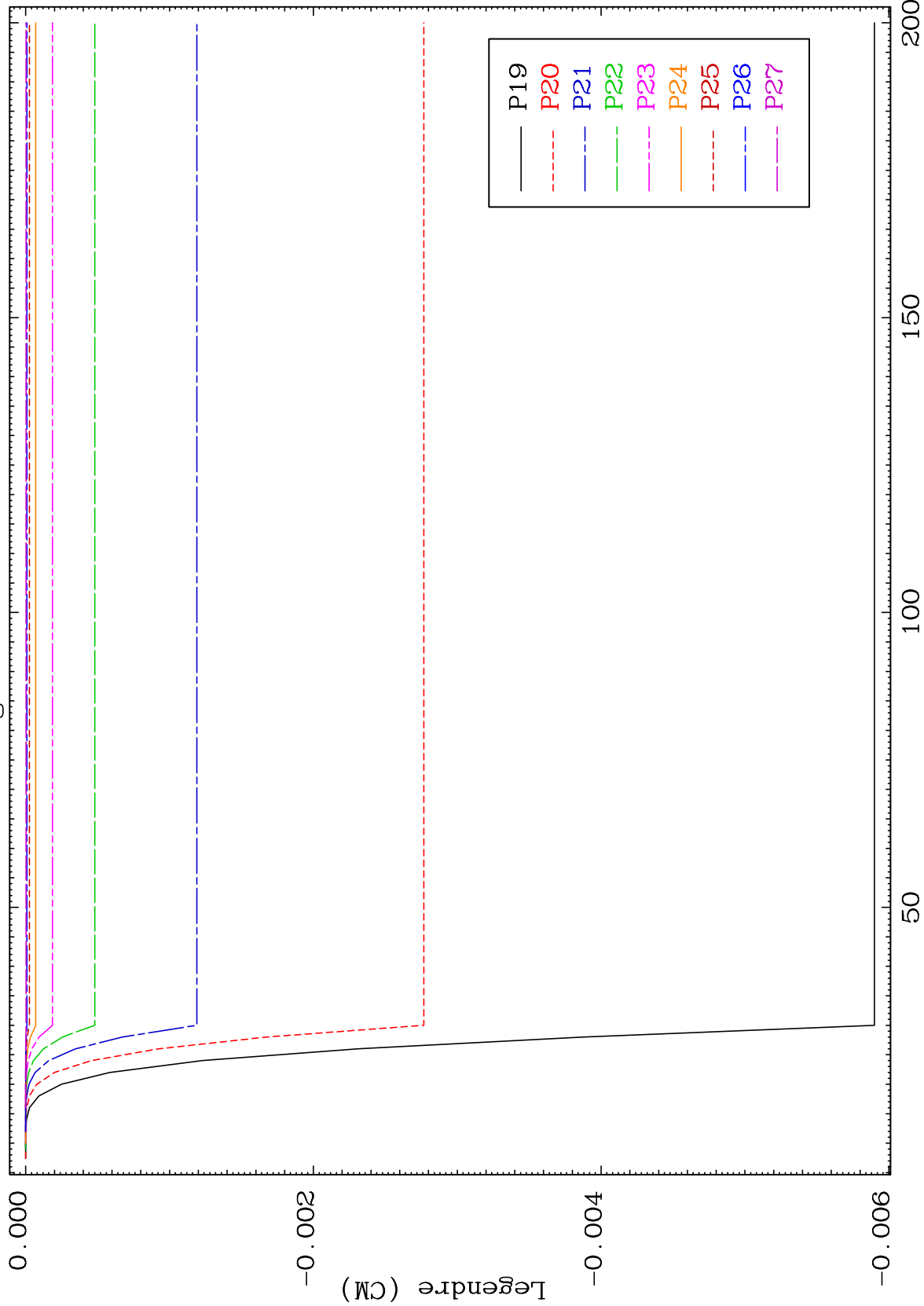
44-Ru-102

MAT 4443

MT= 67 (n,n') Level

44-Ru-102

Legendre Coefficients



44-Ru-102

Incident Energy (MeV)

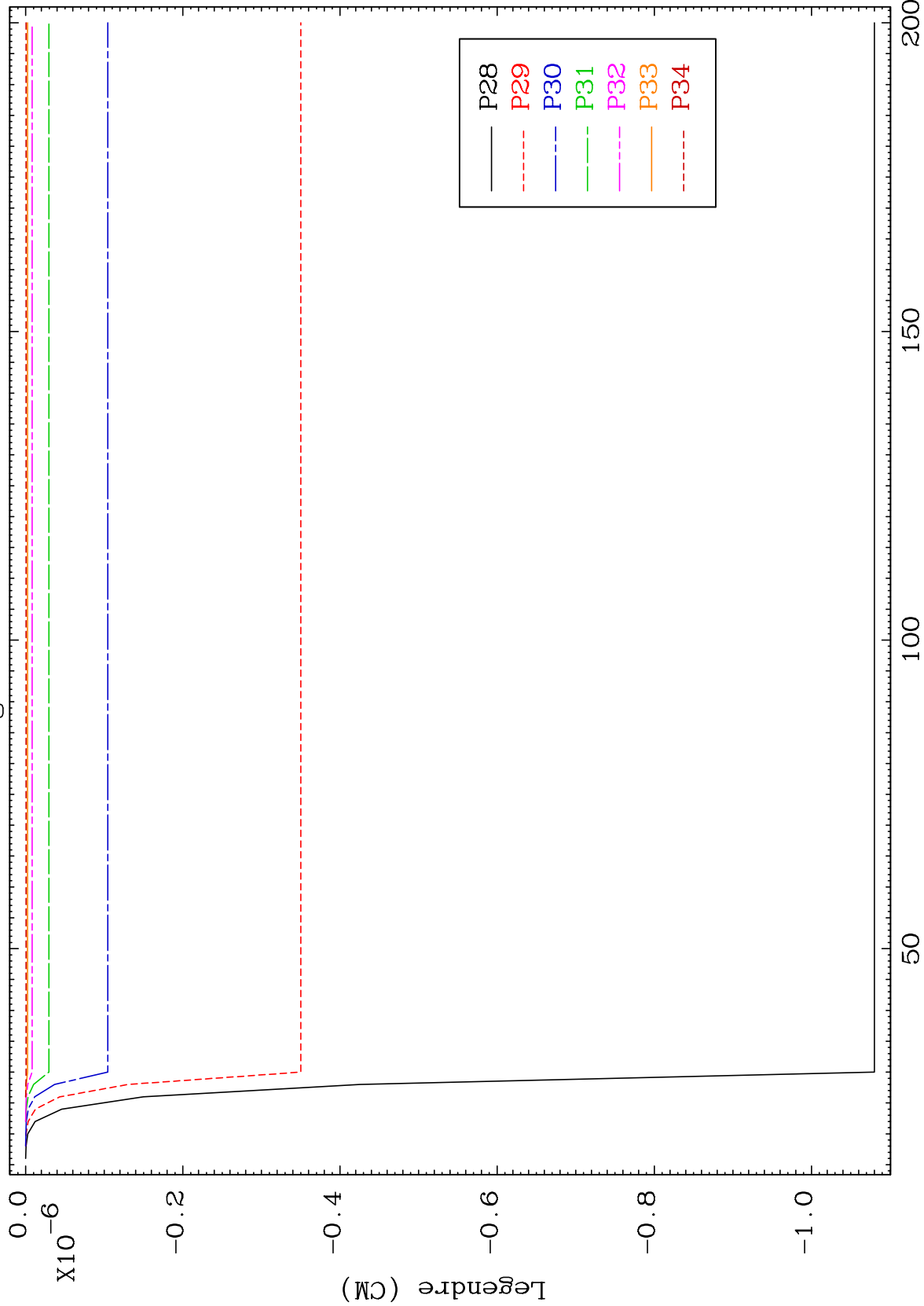
82

MAT 4443

MT= 67 (n,n') Level

44-Ru-102

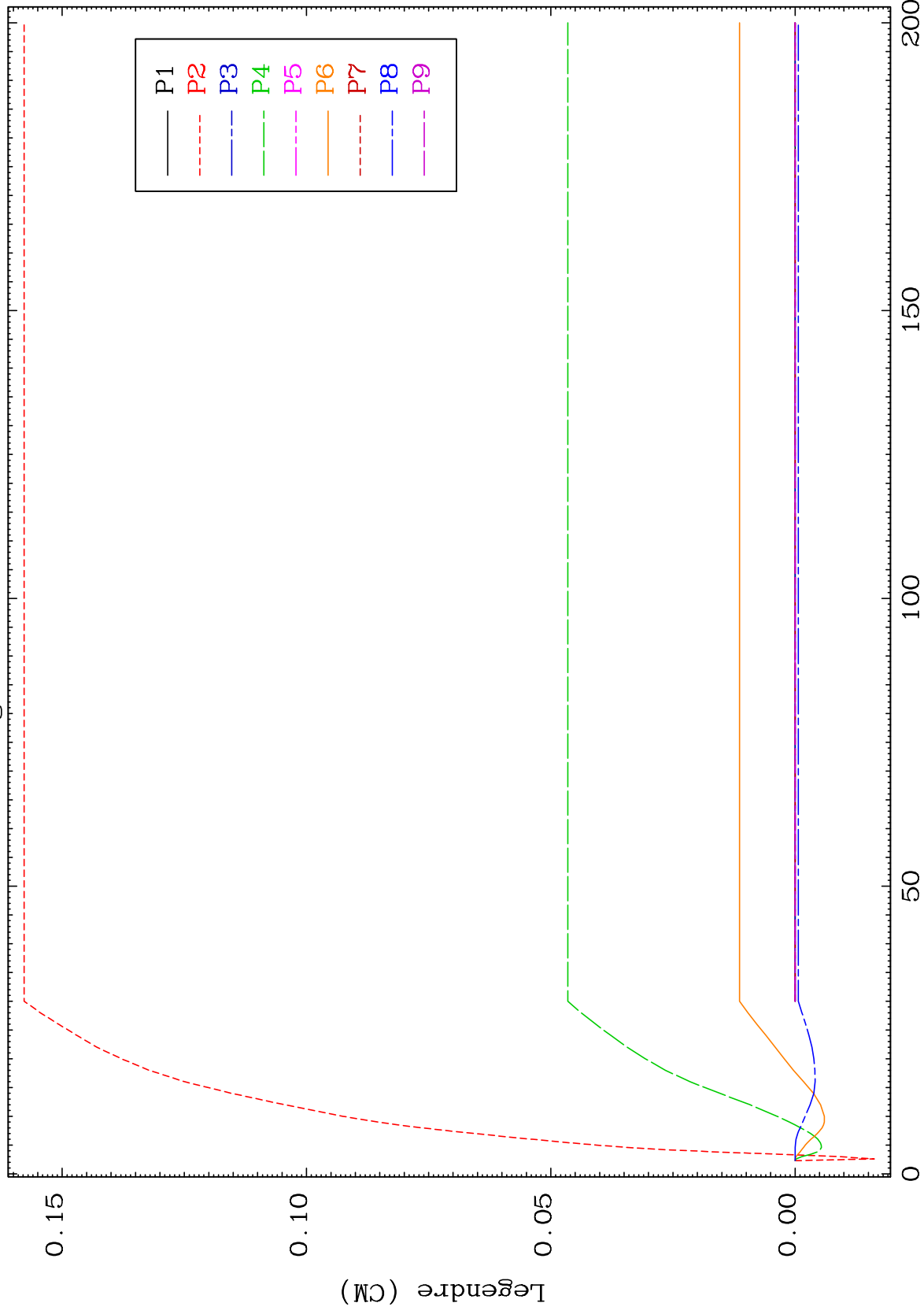
Legendre Coefficients



MAT 4443

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

44-Ru-102



84

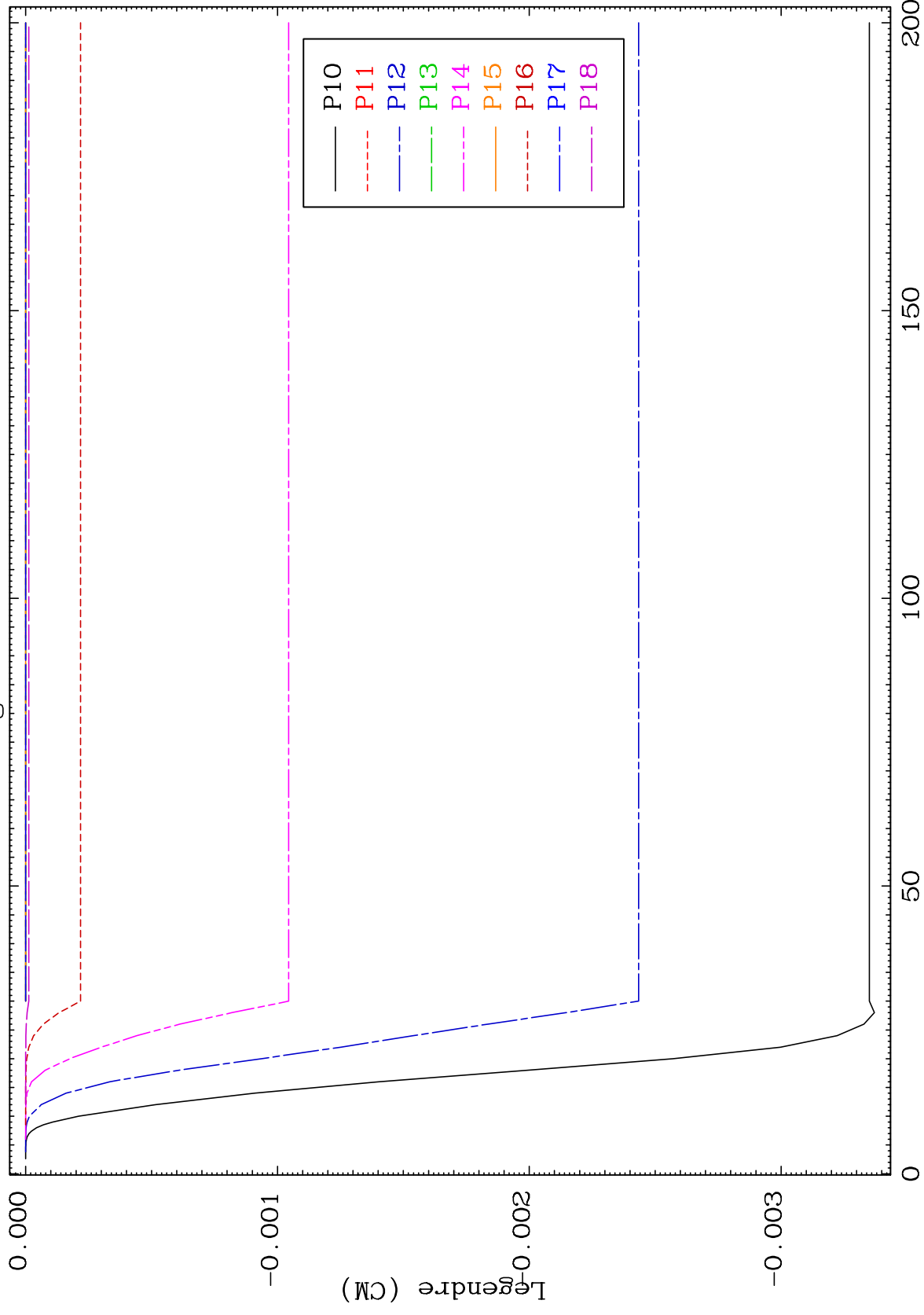
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



85

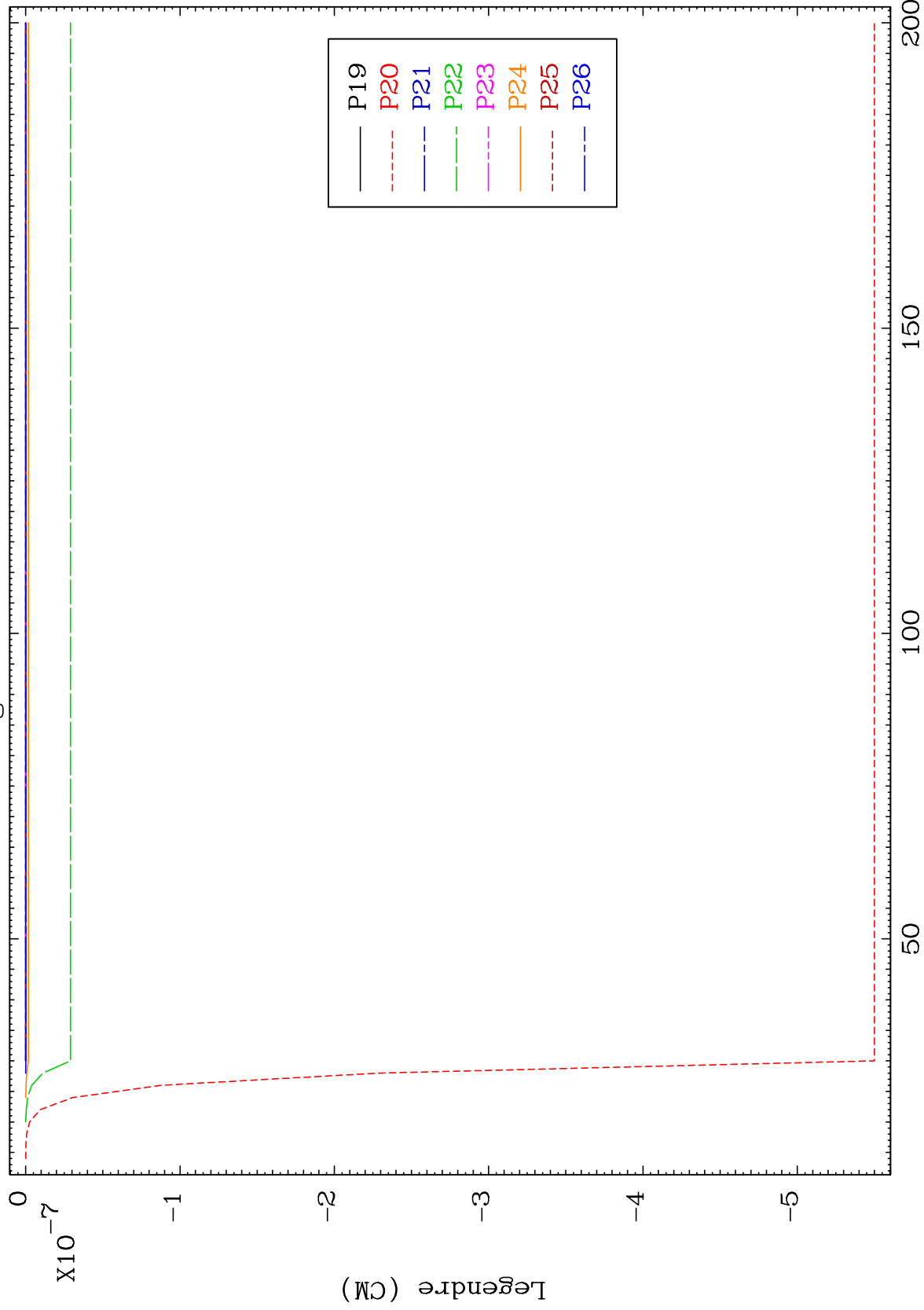
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



86

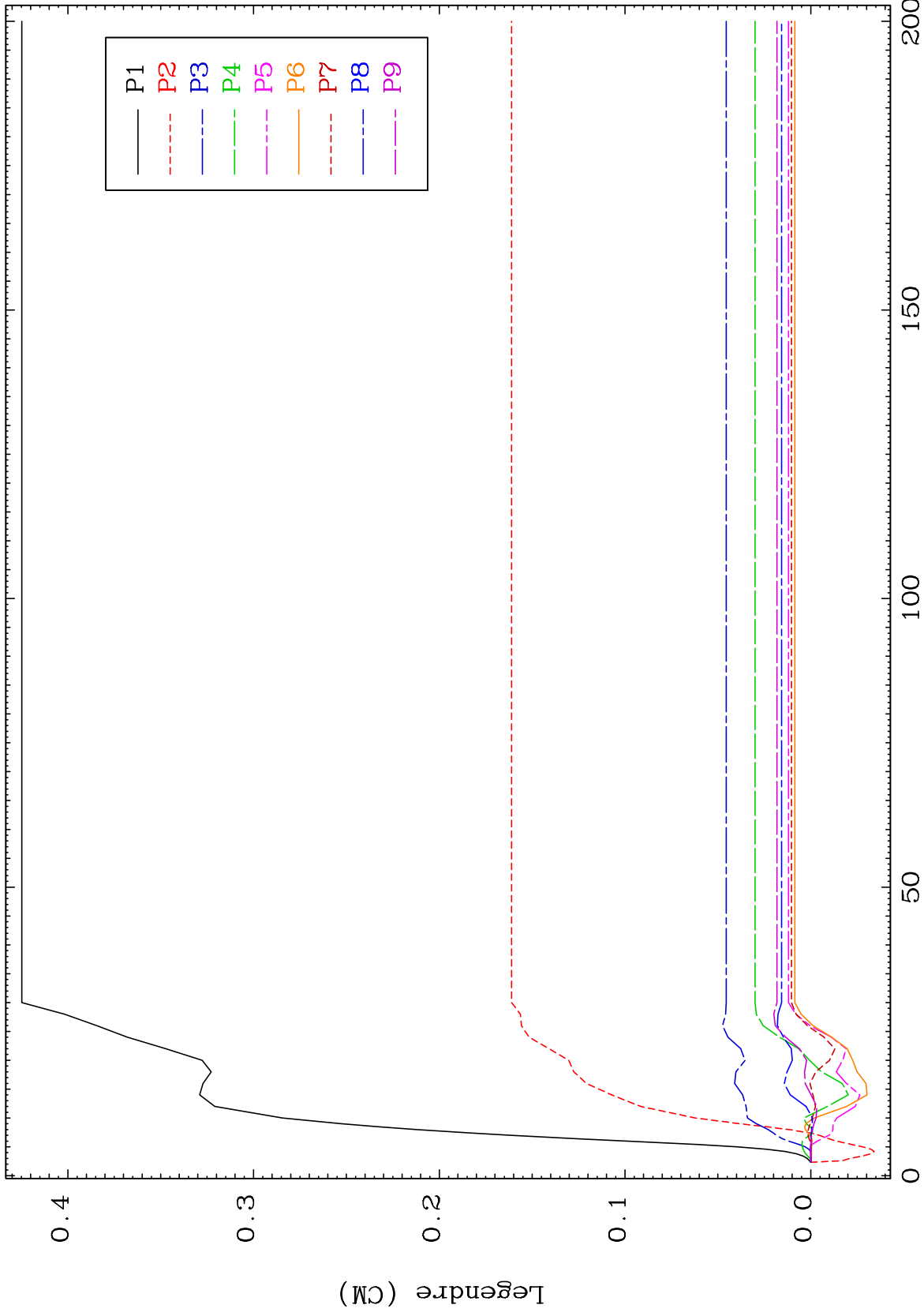
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



87

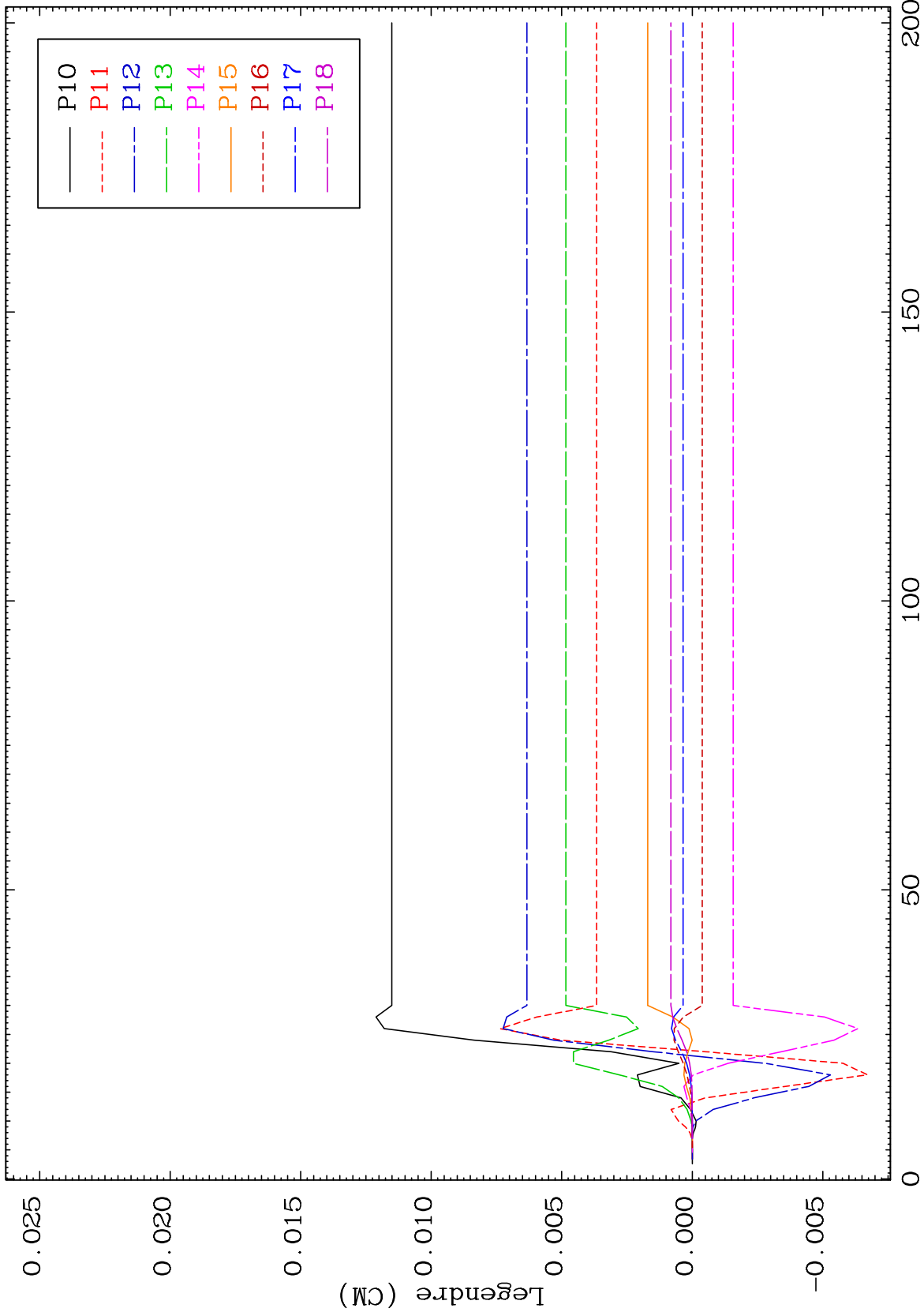
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



88

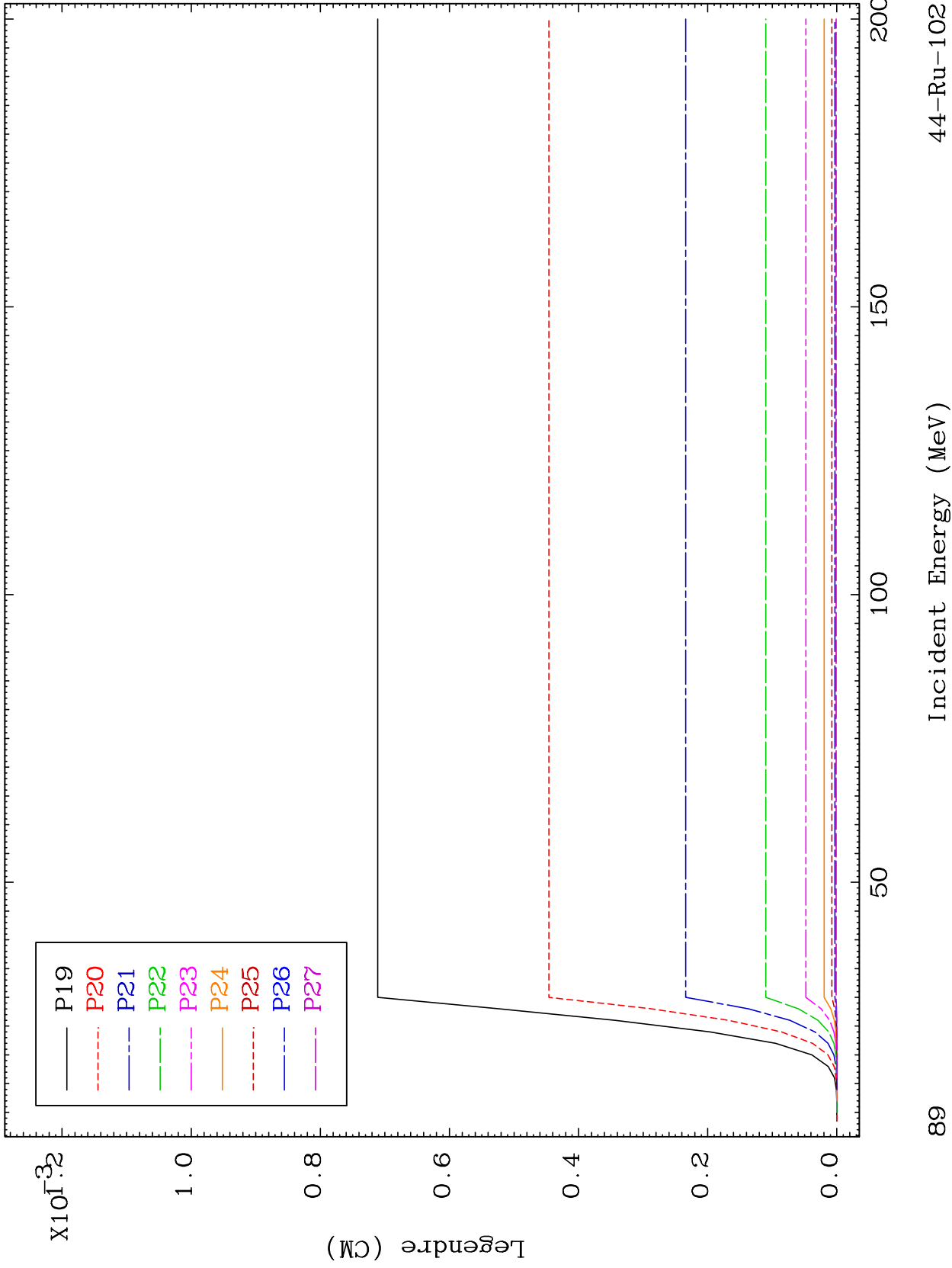
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102

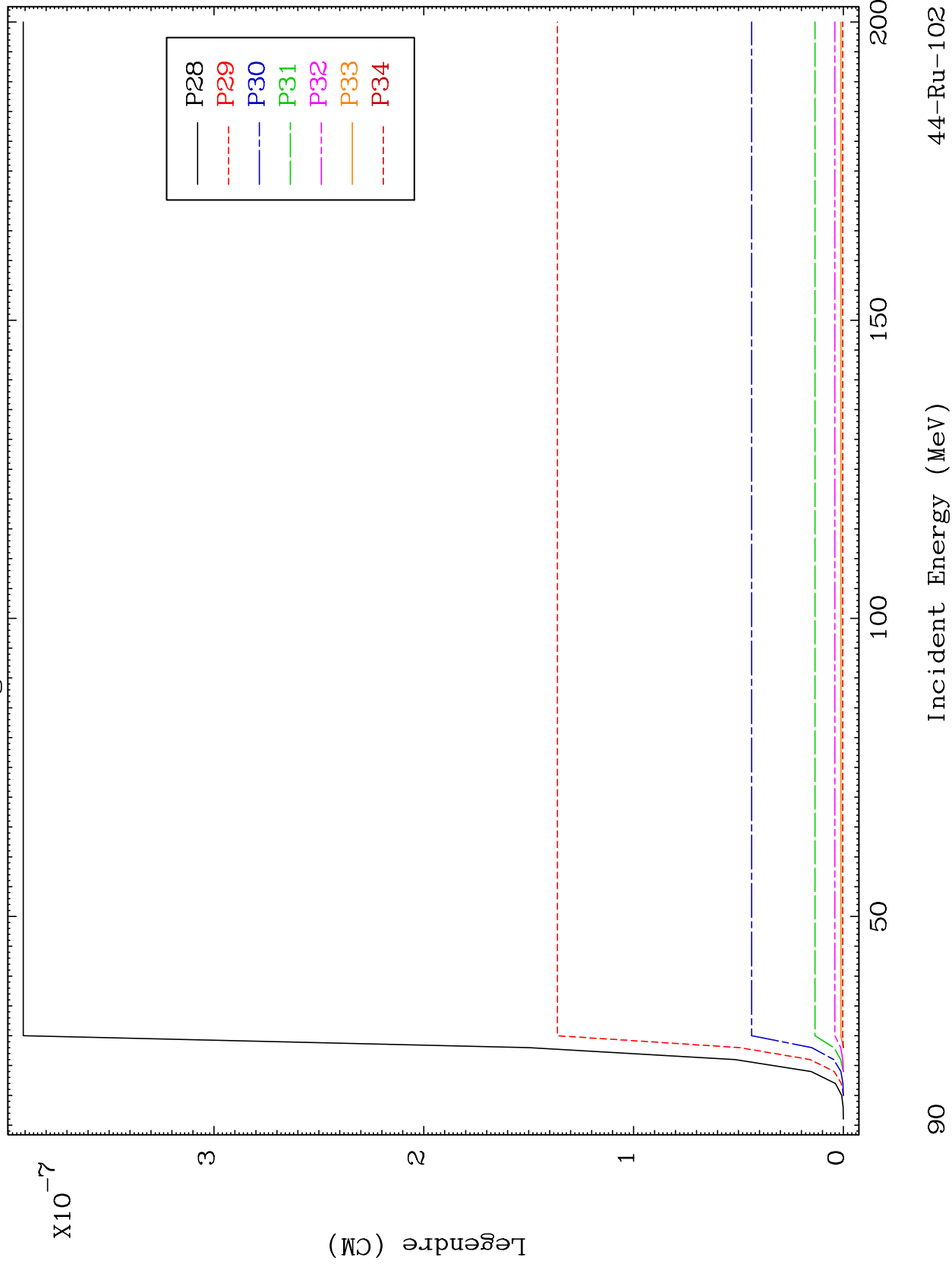


89

MAT 4443

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

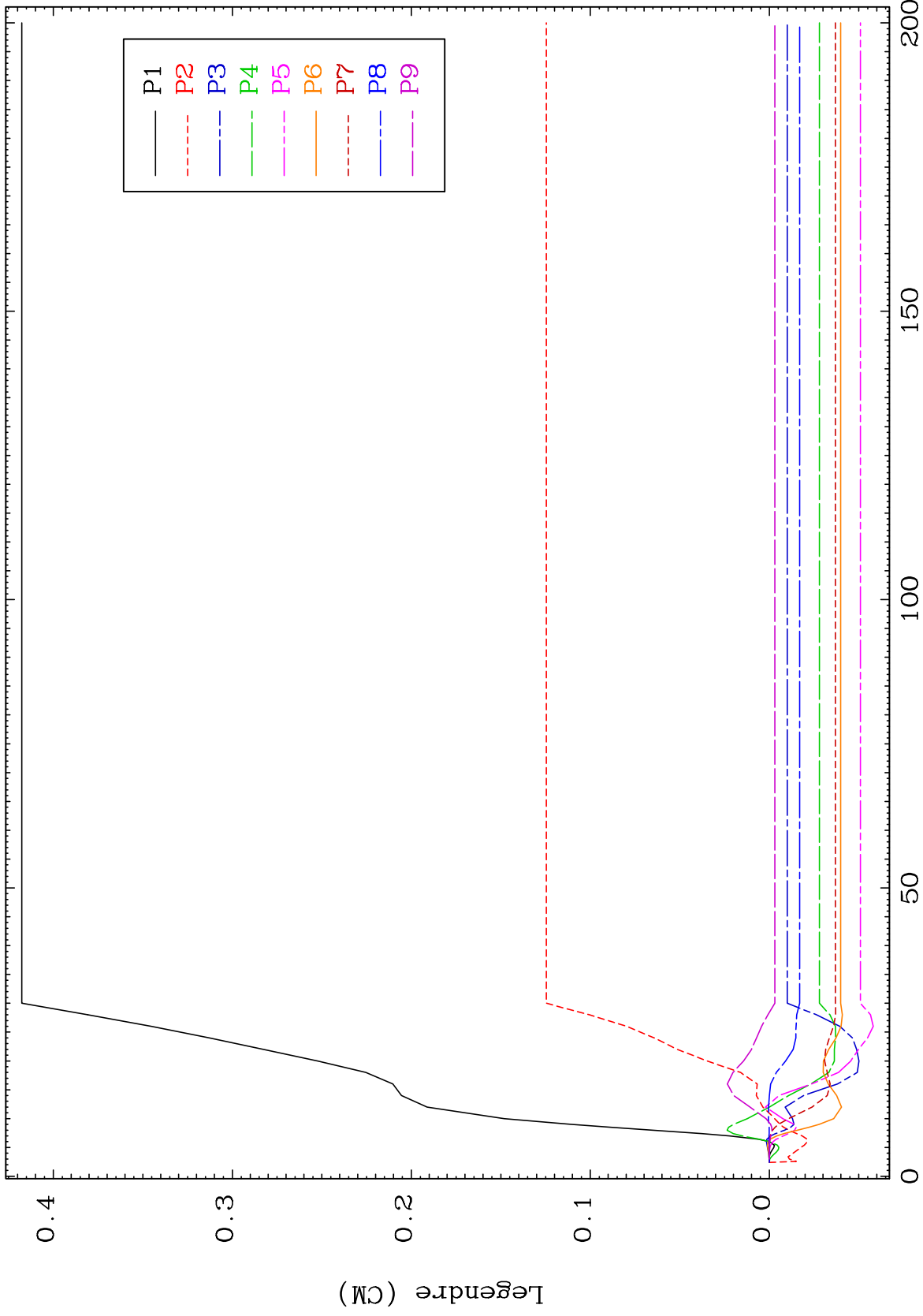
44-Ru-102



MAT 4443

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

44-Ru-102



91

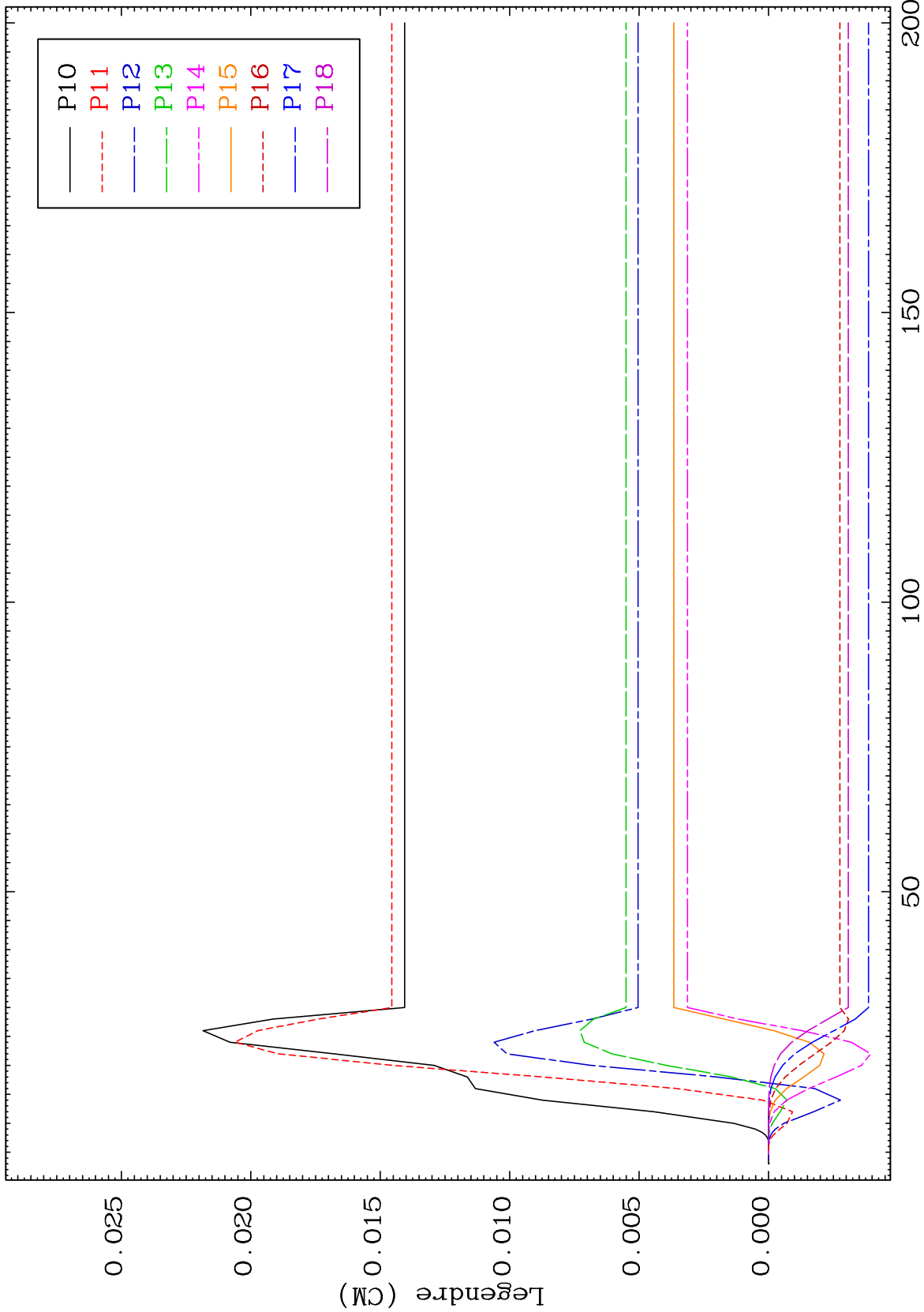
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



92

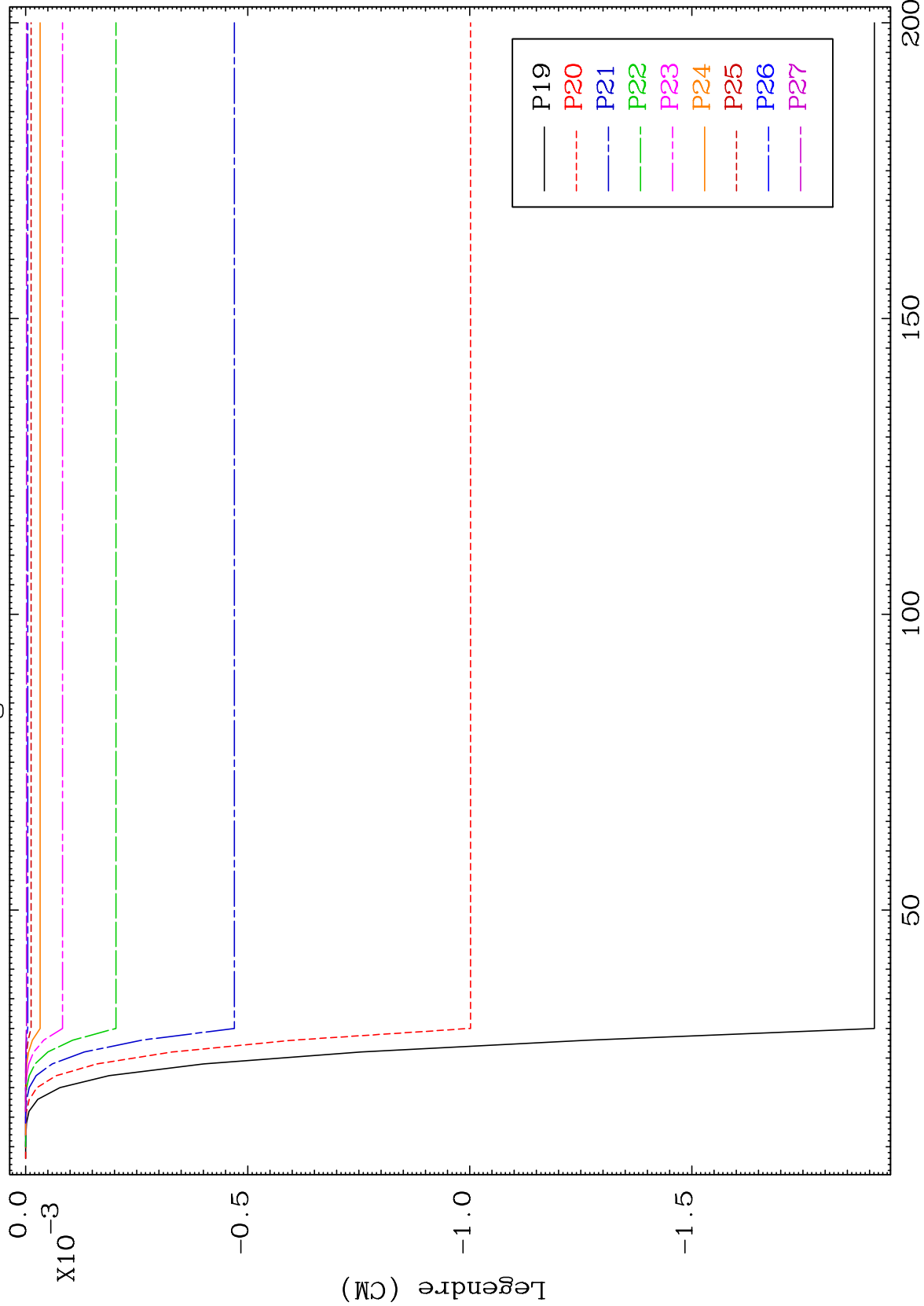
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

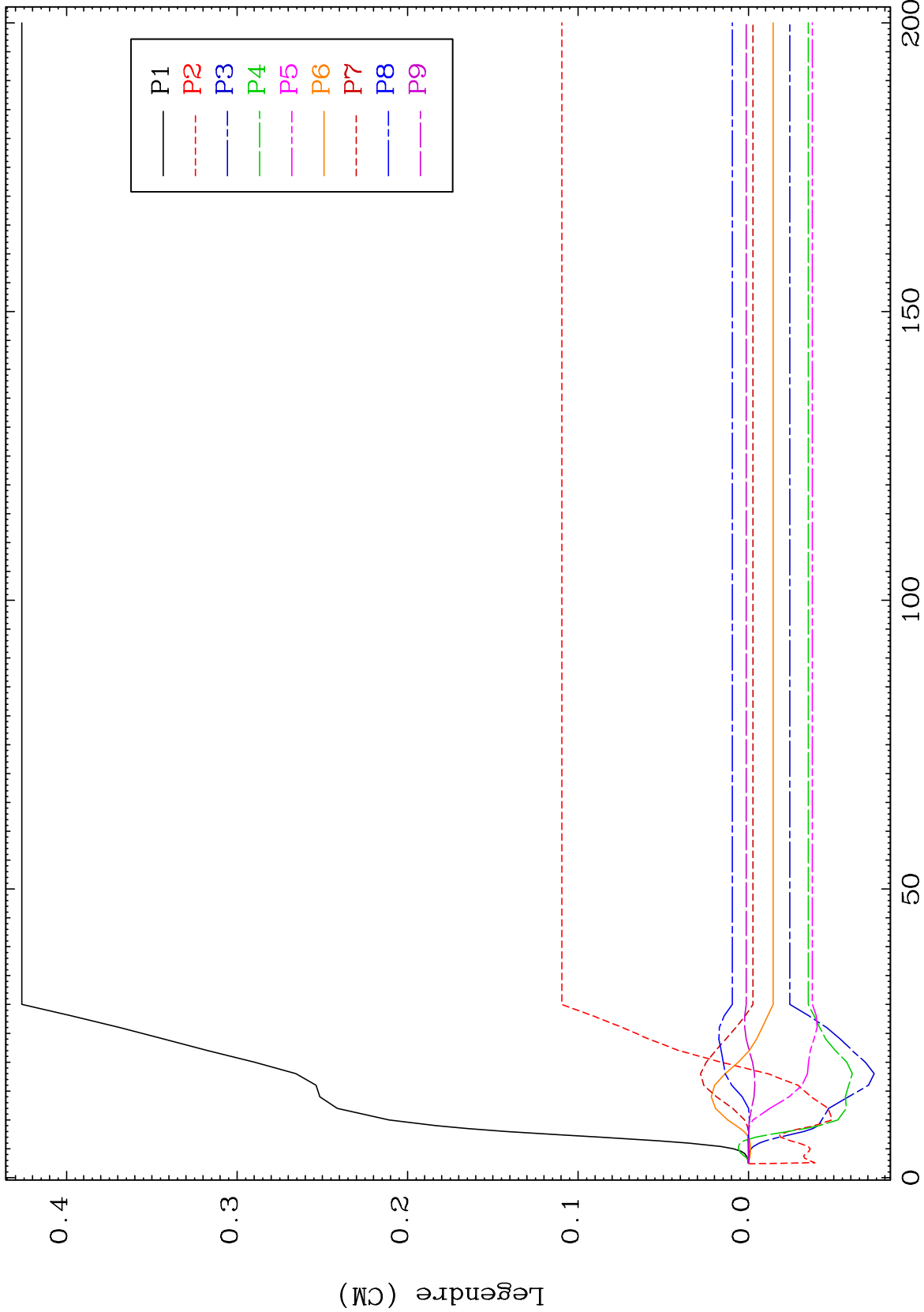
44-Ru-102



MAT 4443

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

44-Ru-102



95

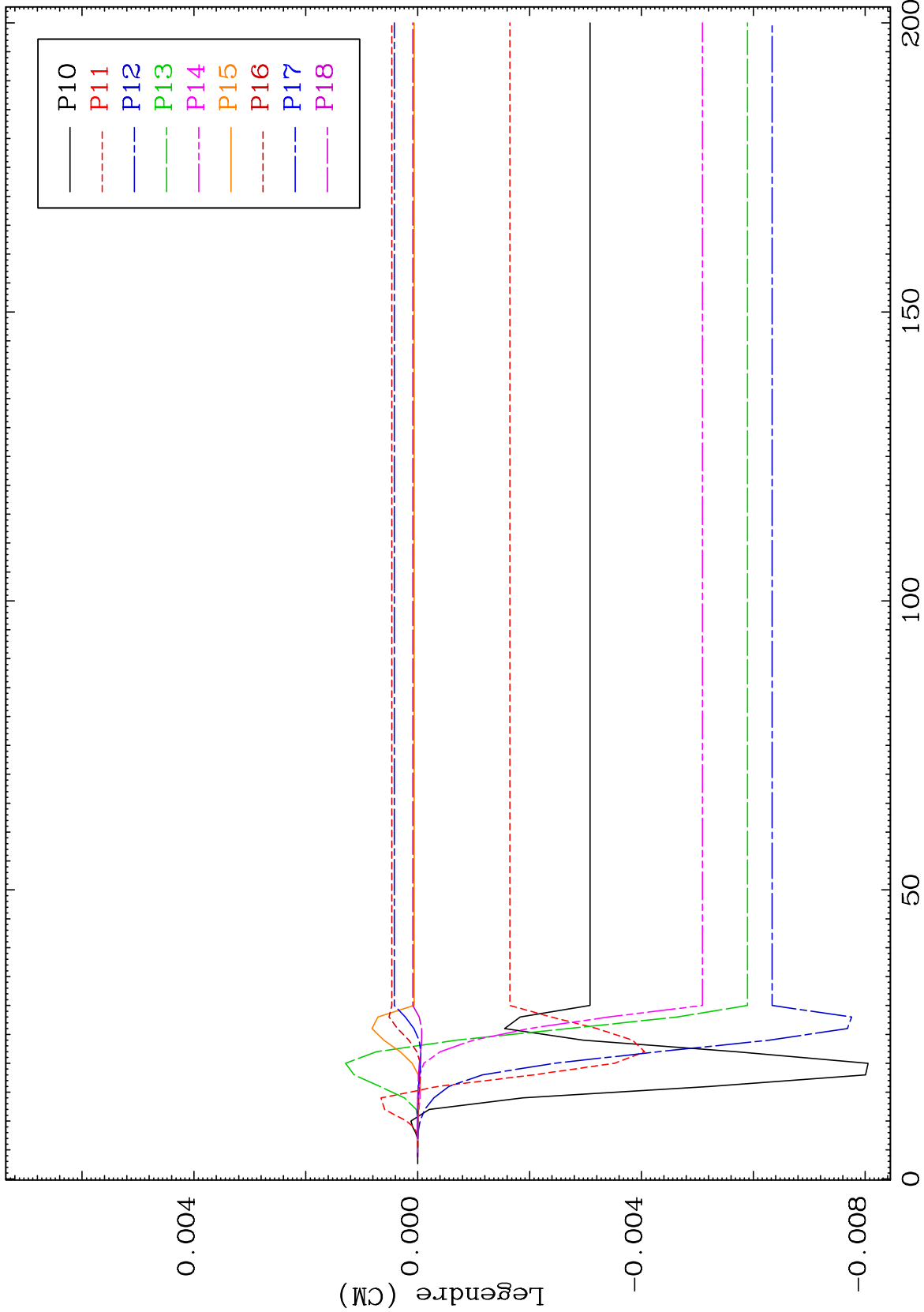
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



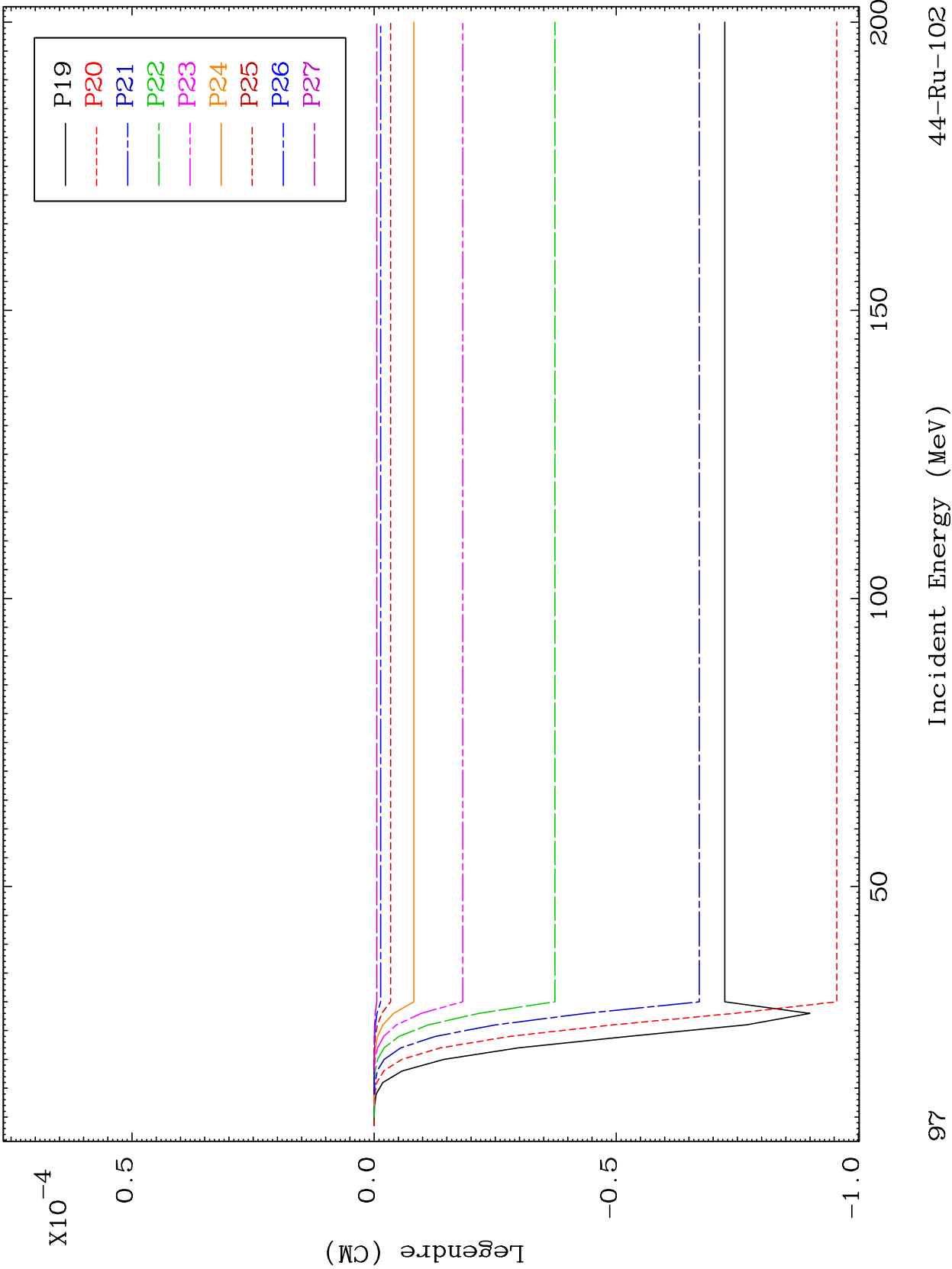
96

44-Ru-102

MAT 4443

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

44-Ru-102



97

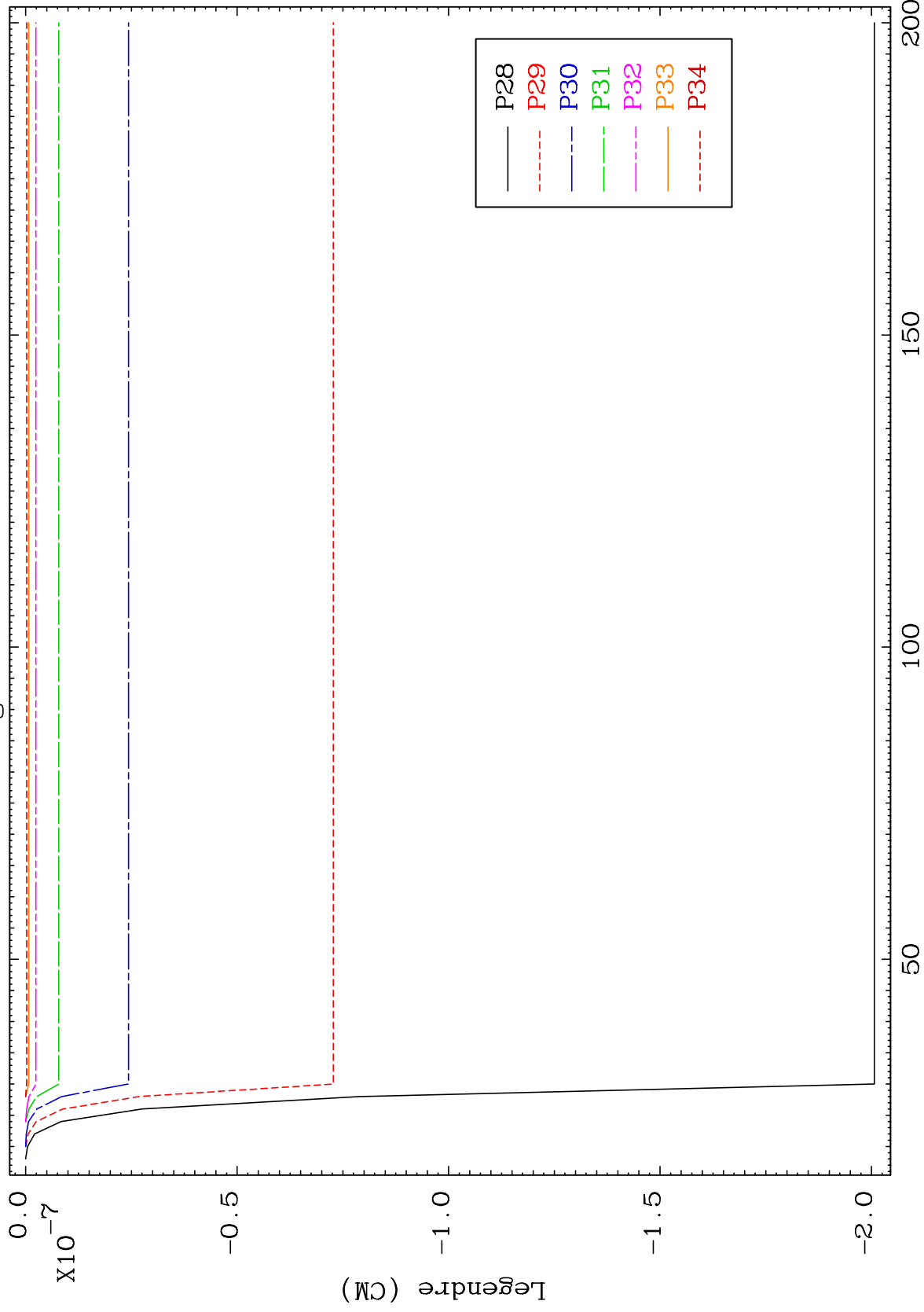
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

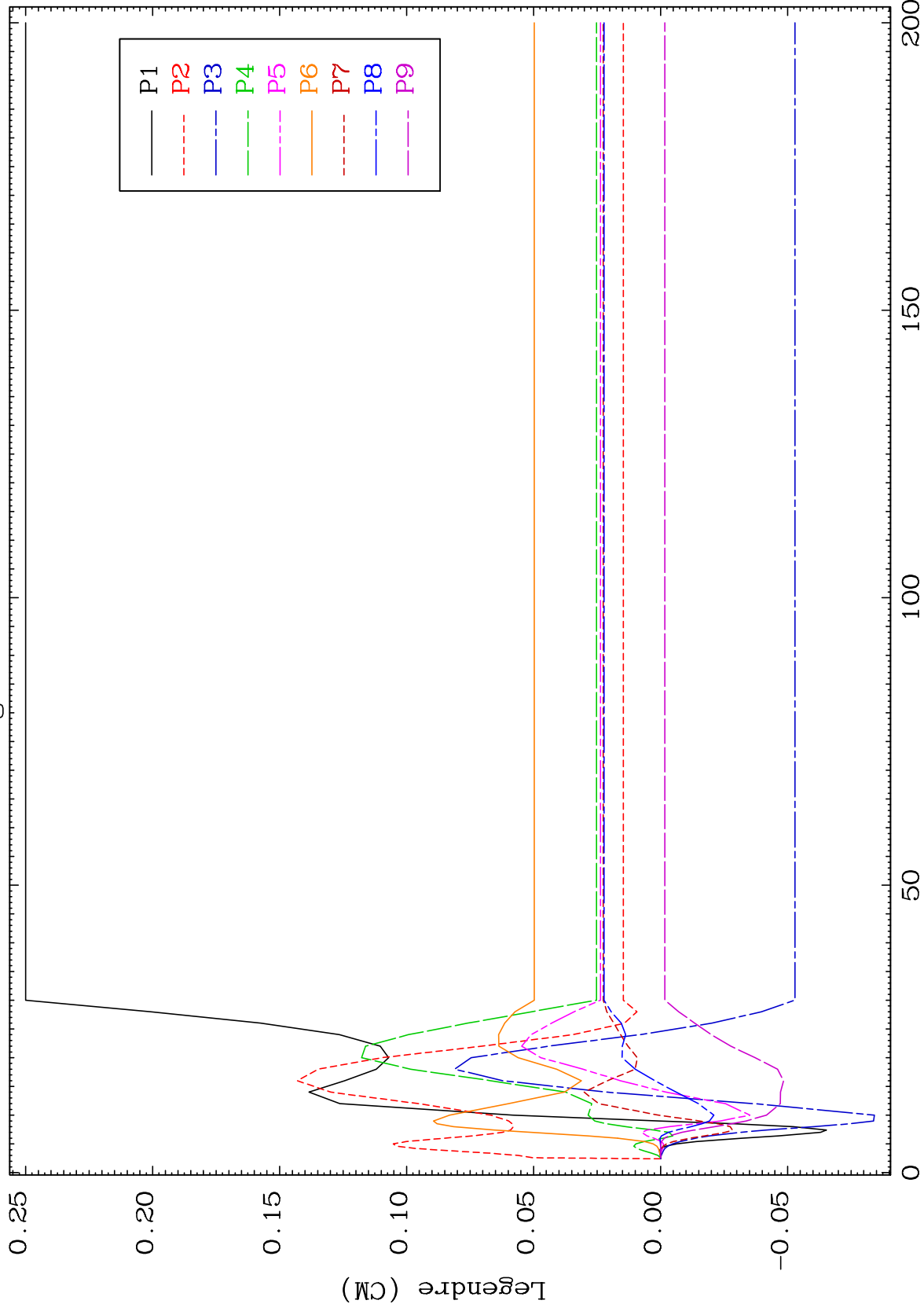
44-Ru-102



MAT 4443

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

44-Ru-102



99

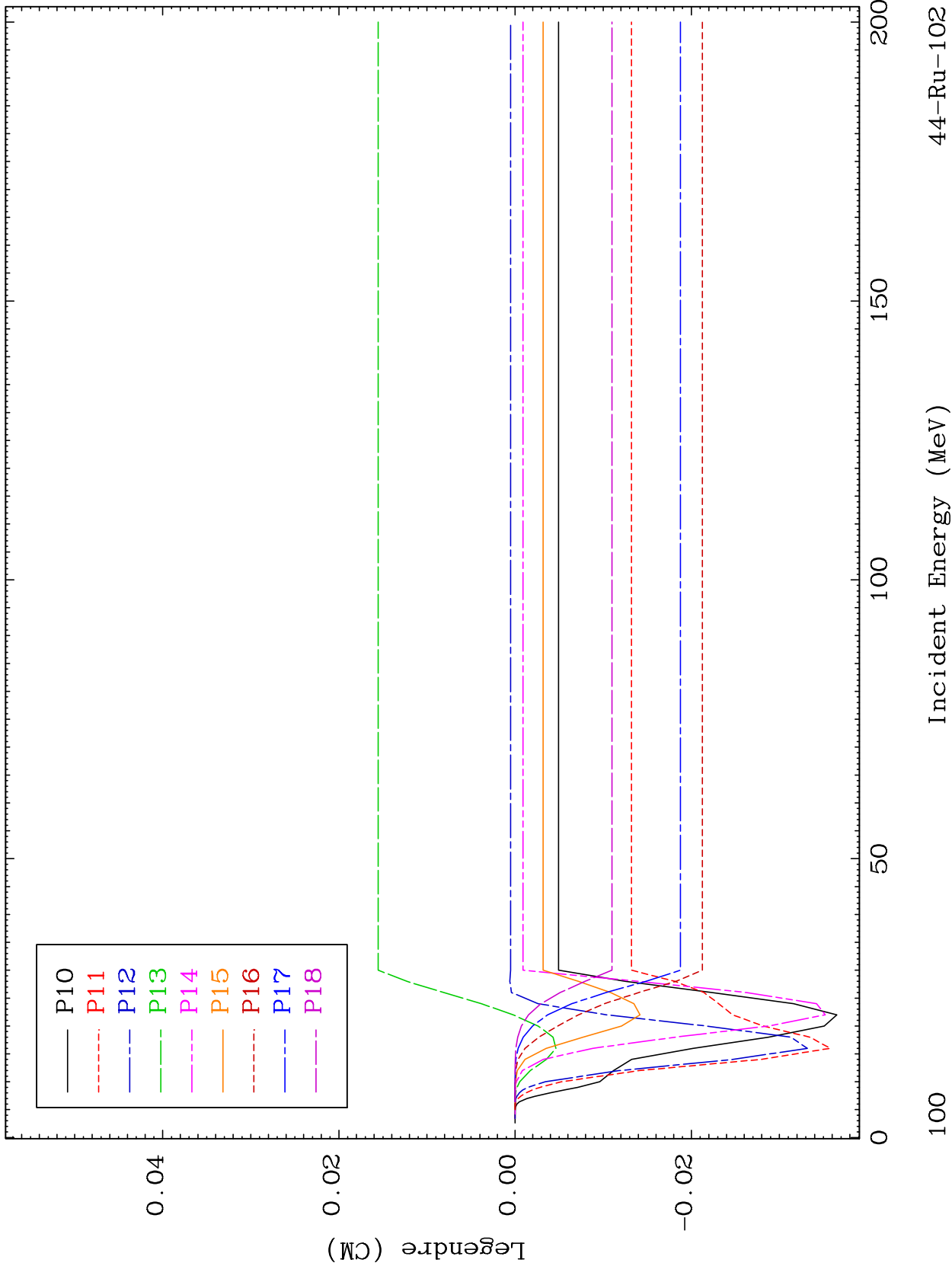
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

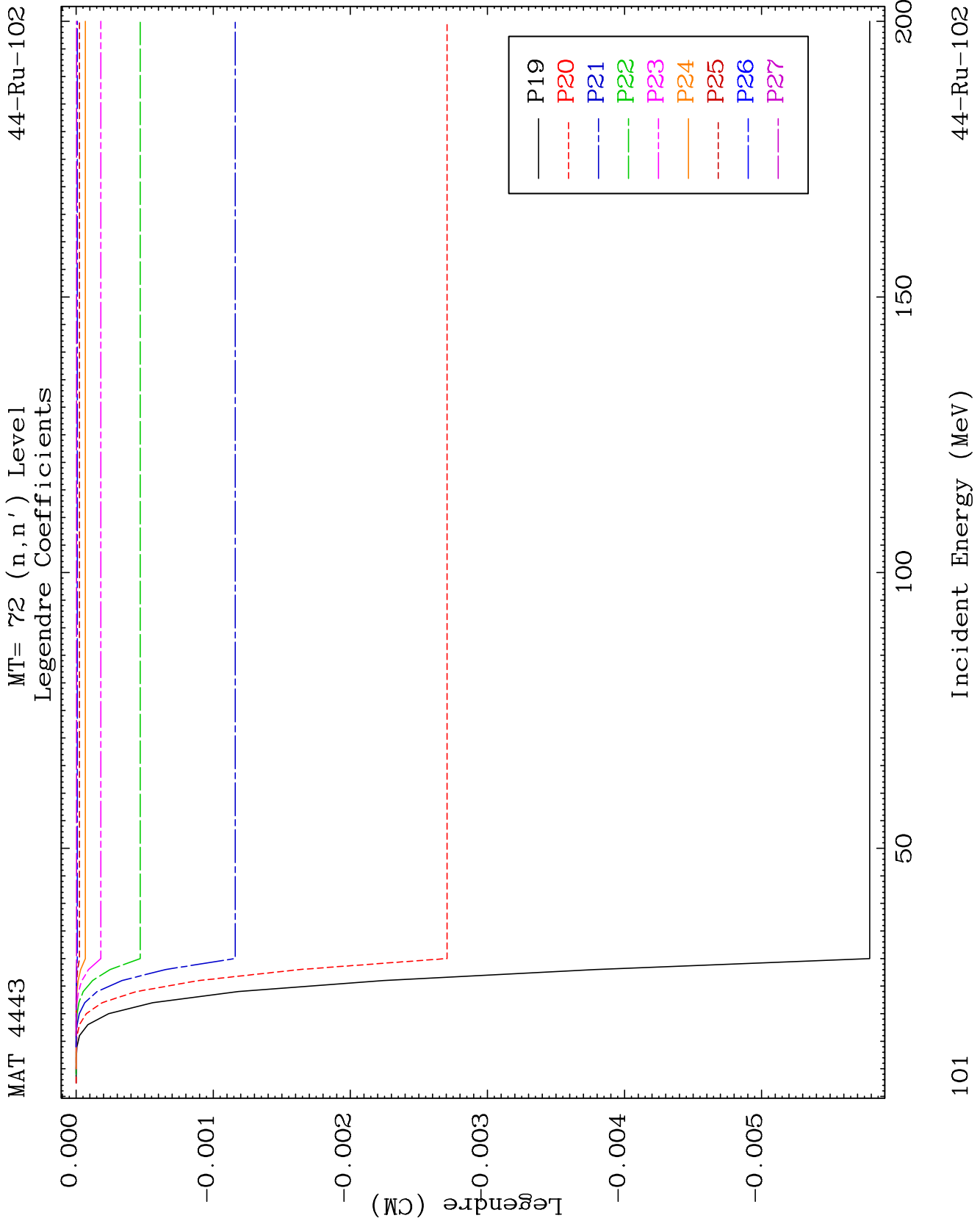
44-Ru-102

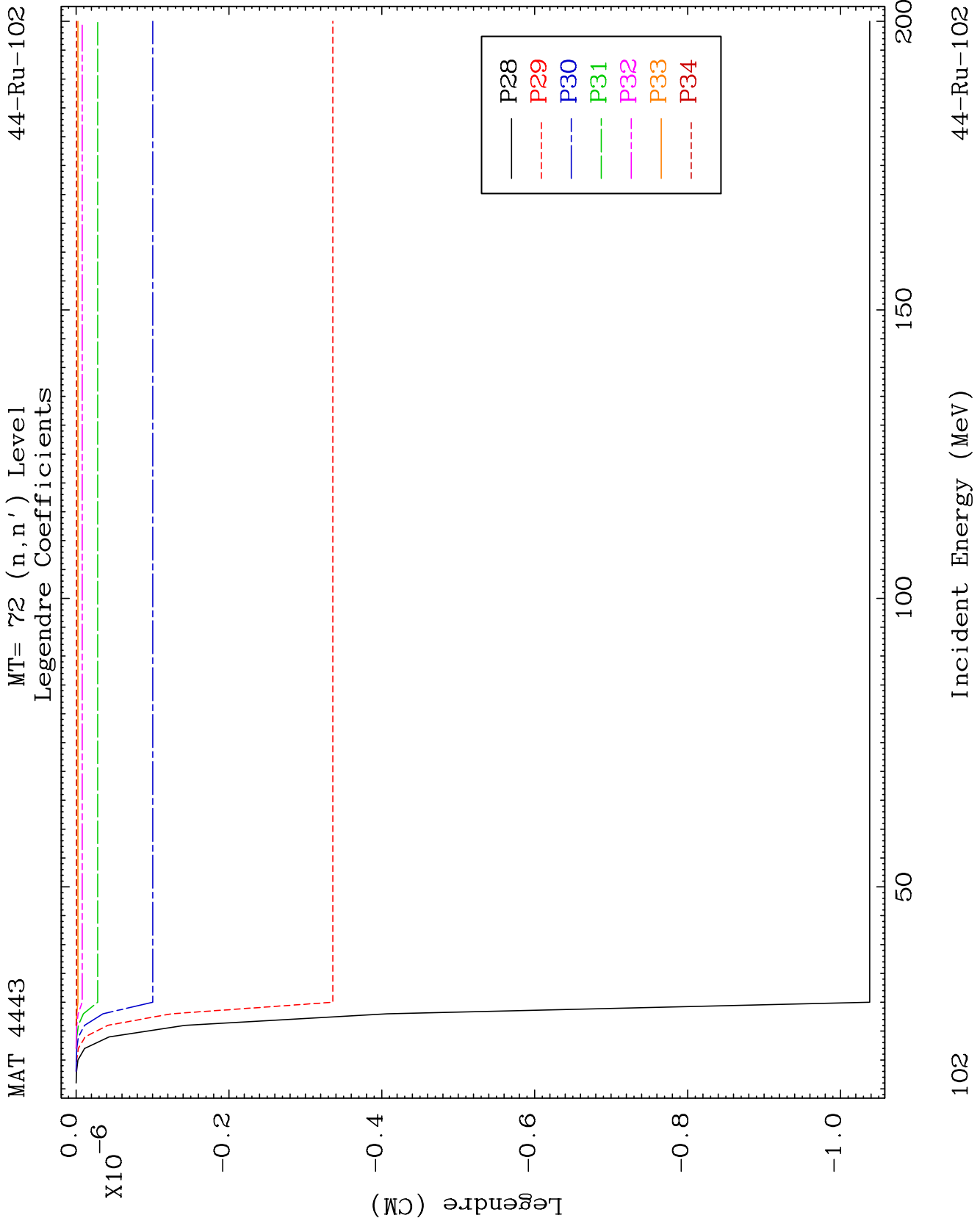


44-Ru-102

Incident Energy (MeV)

Legendre (CM)



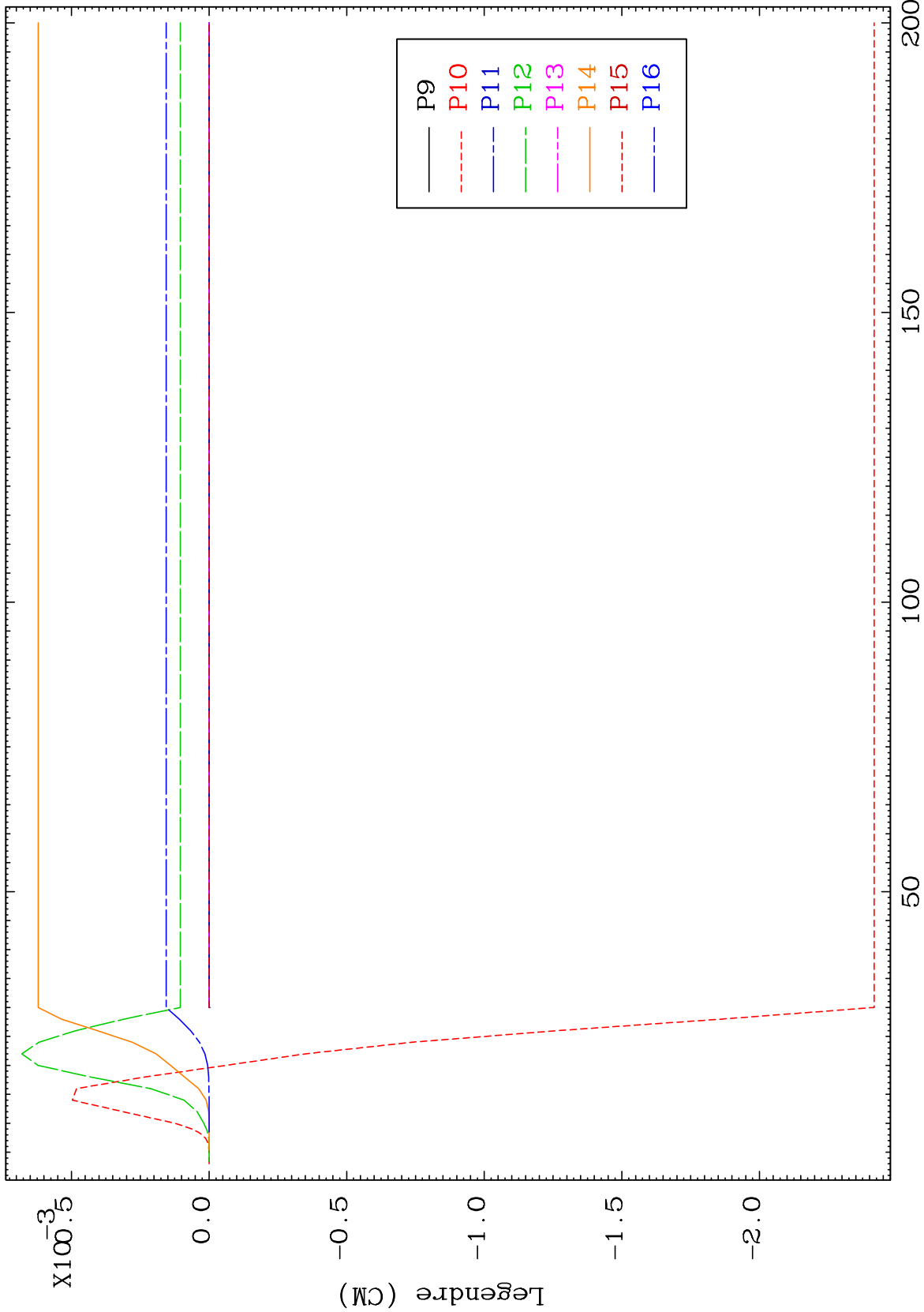


MAT 4443

MT= 73 (n,n') Level

44-Ru-102

Legendre Coefficients



104

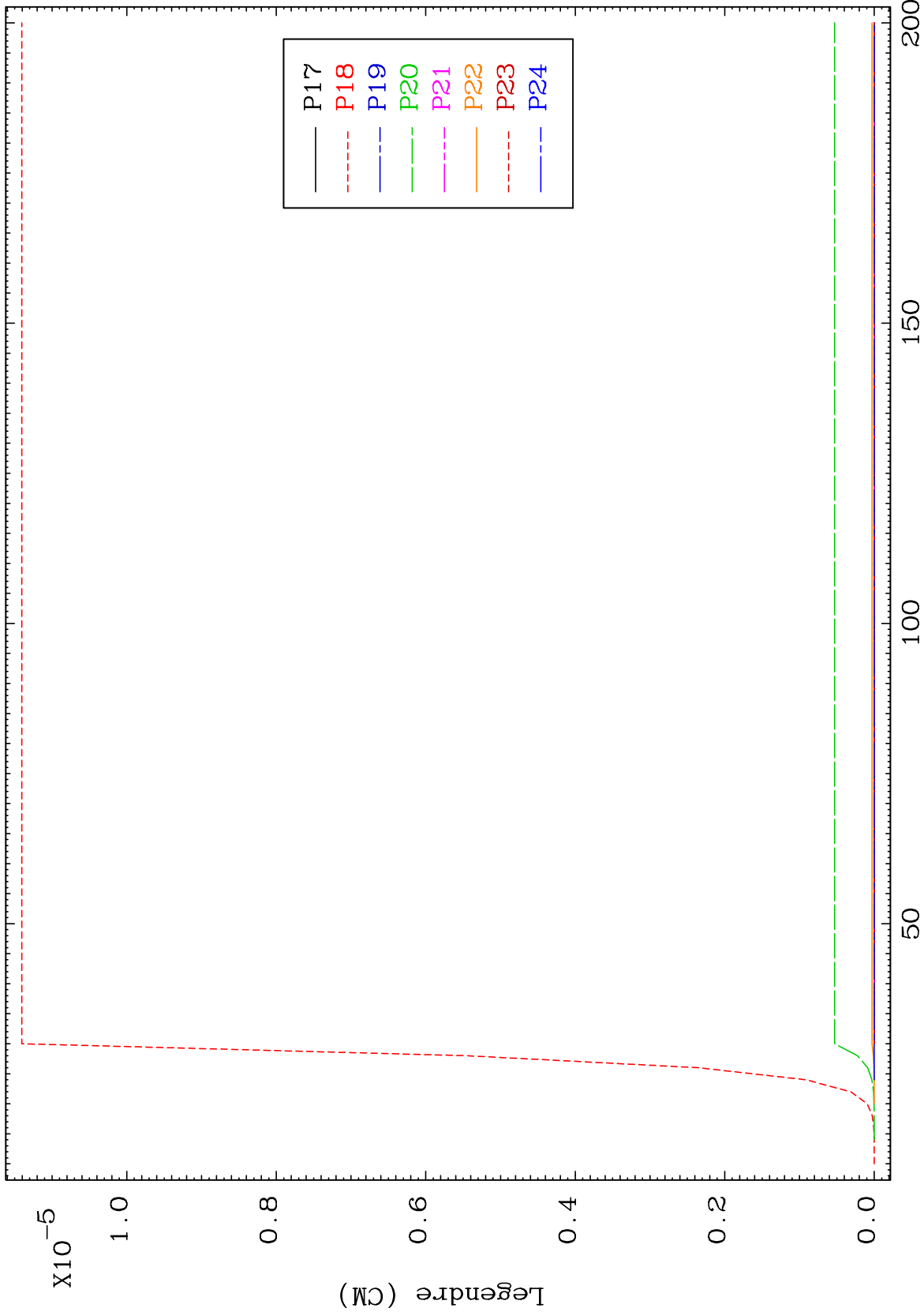
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

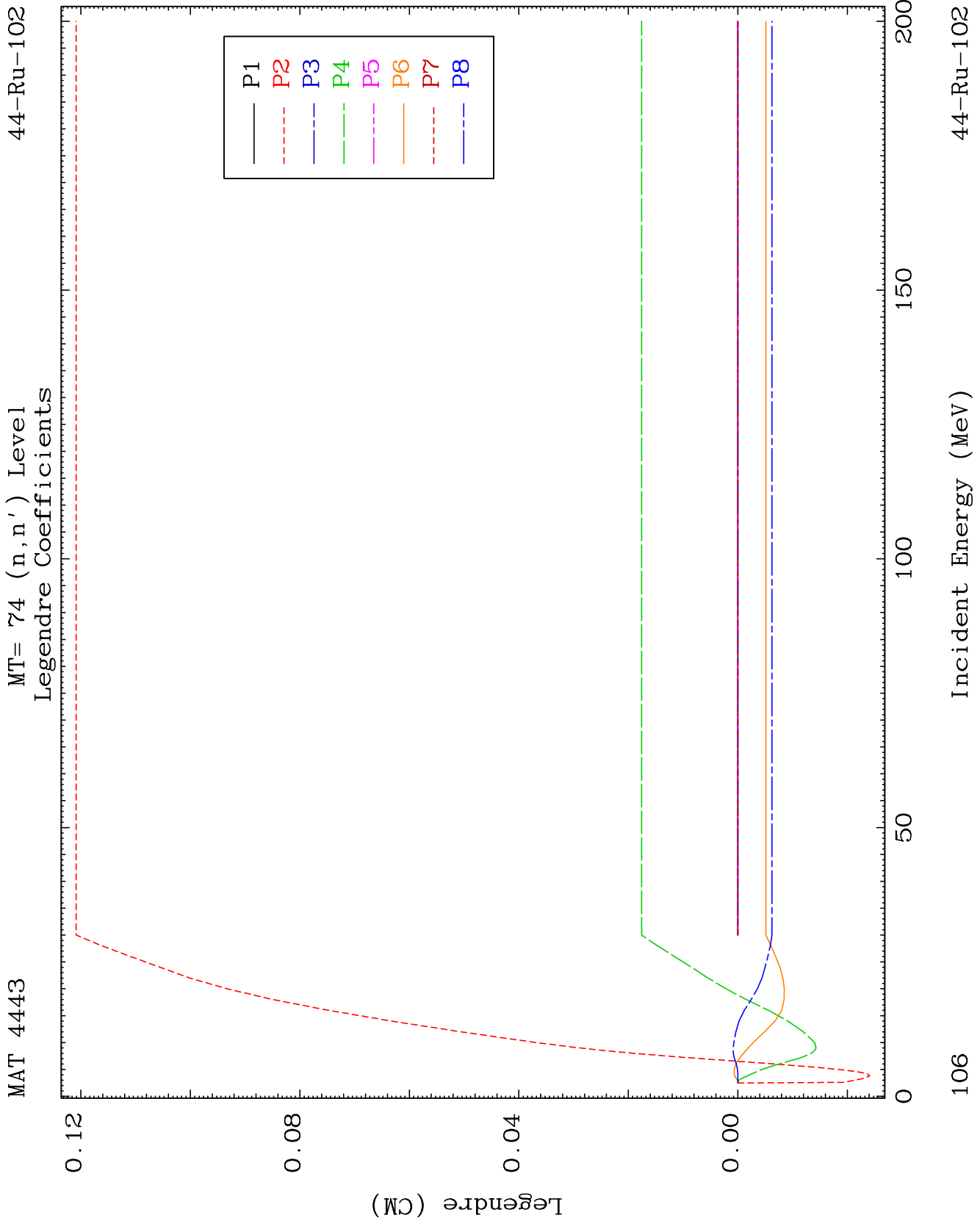
44-Ru-102



44-Ru-102

Incident Energy (MeV)

105

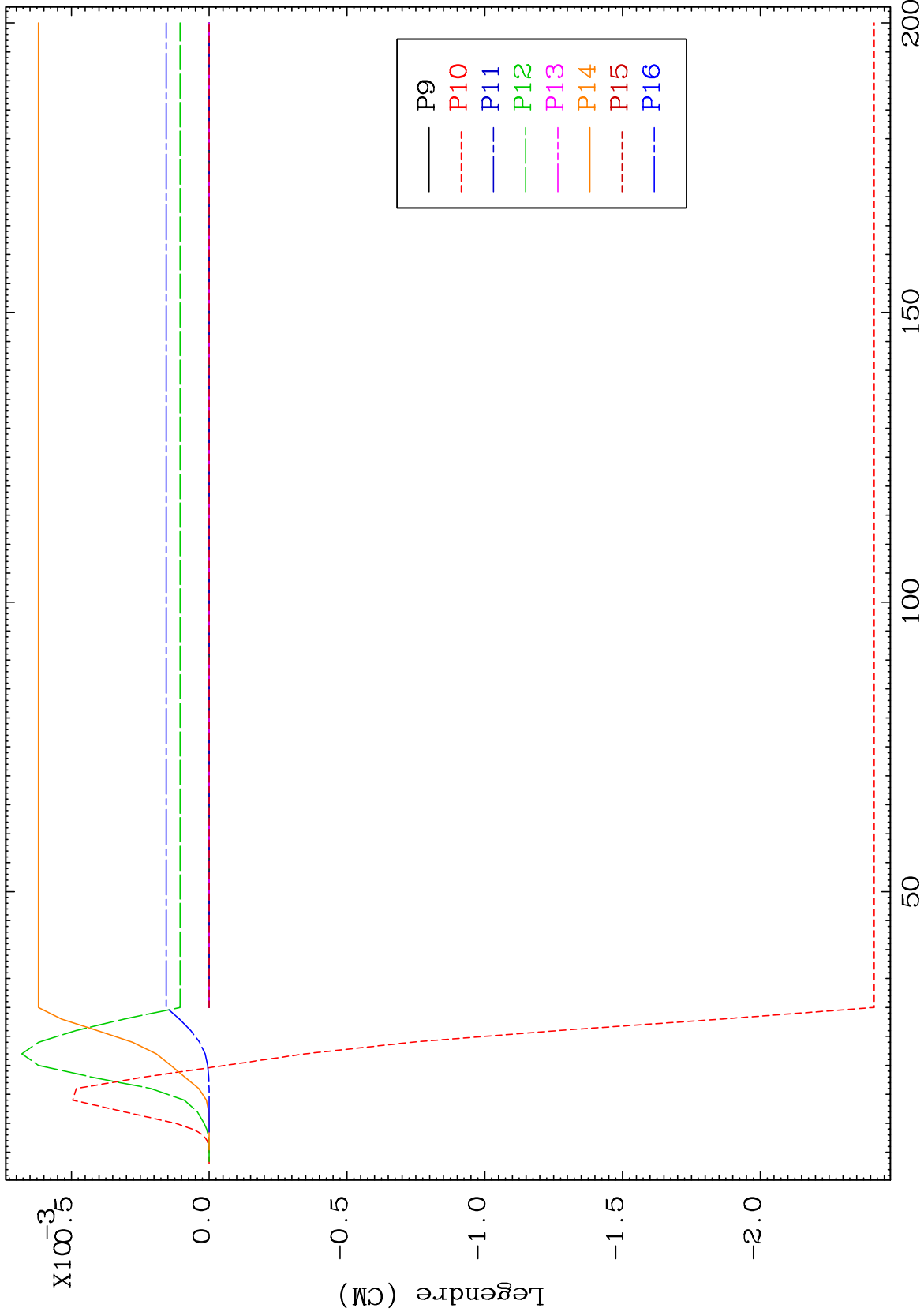


MAT 4443

MT= 74 (n,n') Level

44-Ru-102

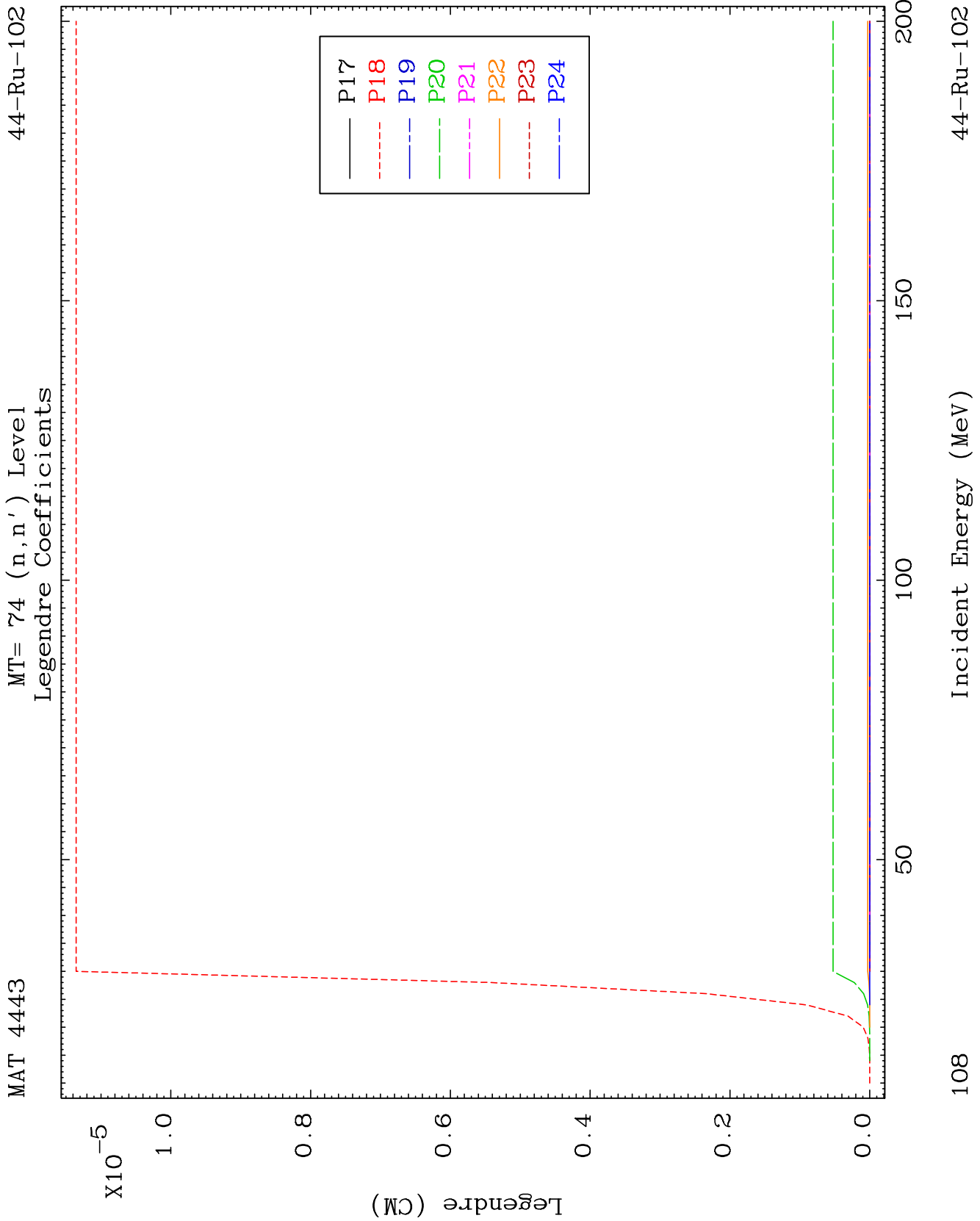
Legendre Coefficients



107

Incident Energy (MeV)

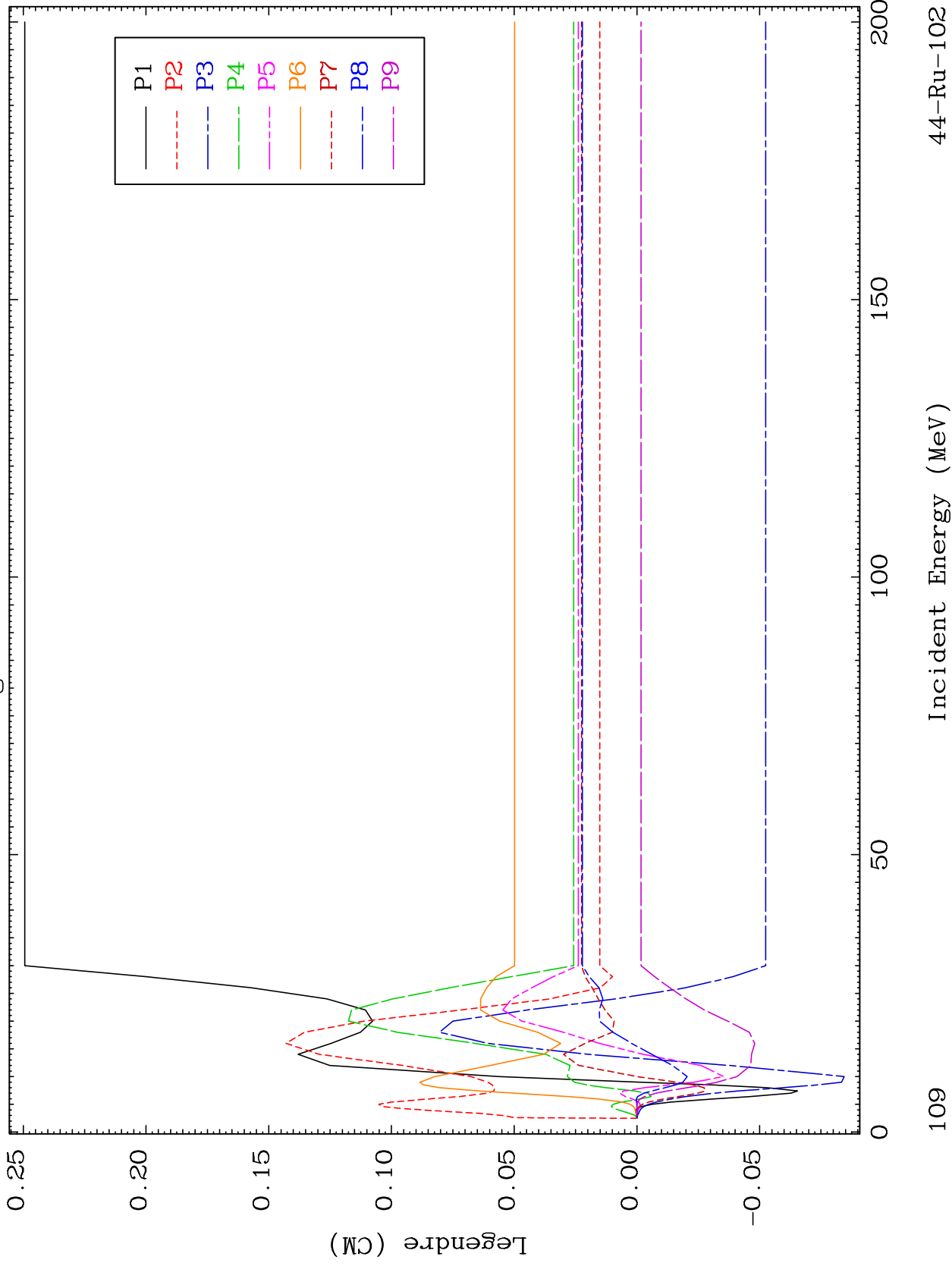
44-Ru-102



MAT 4443

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

44-Ru-102



44-Ru-102

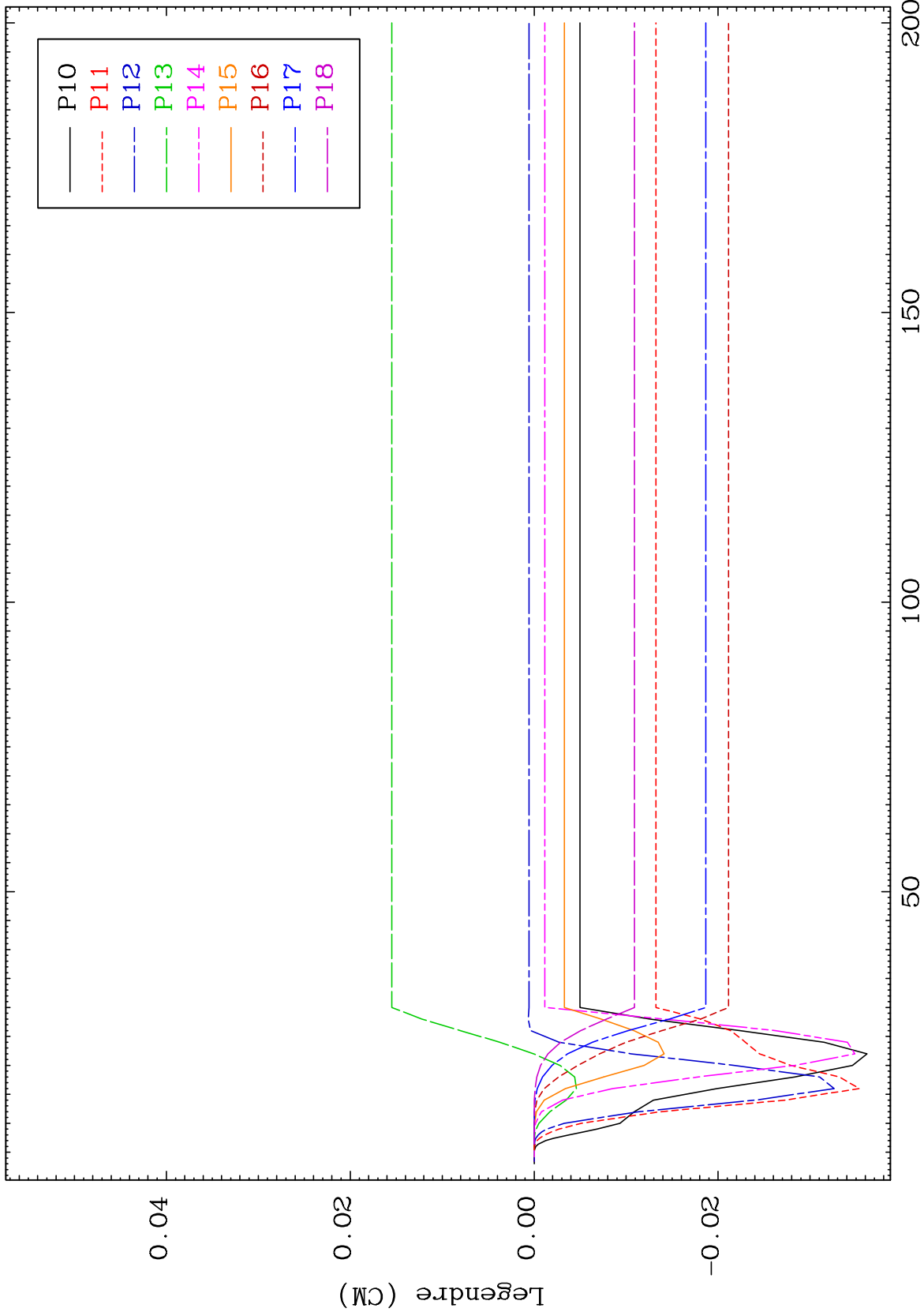
Incident Energy (MeV)

109

MAT 4443

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

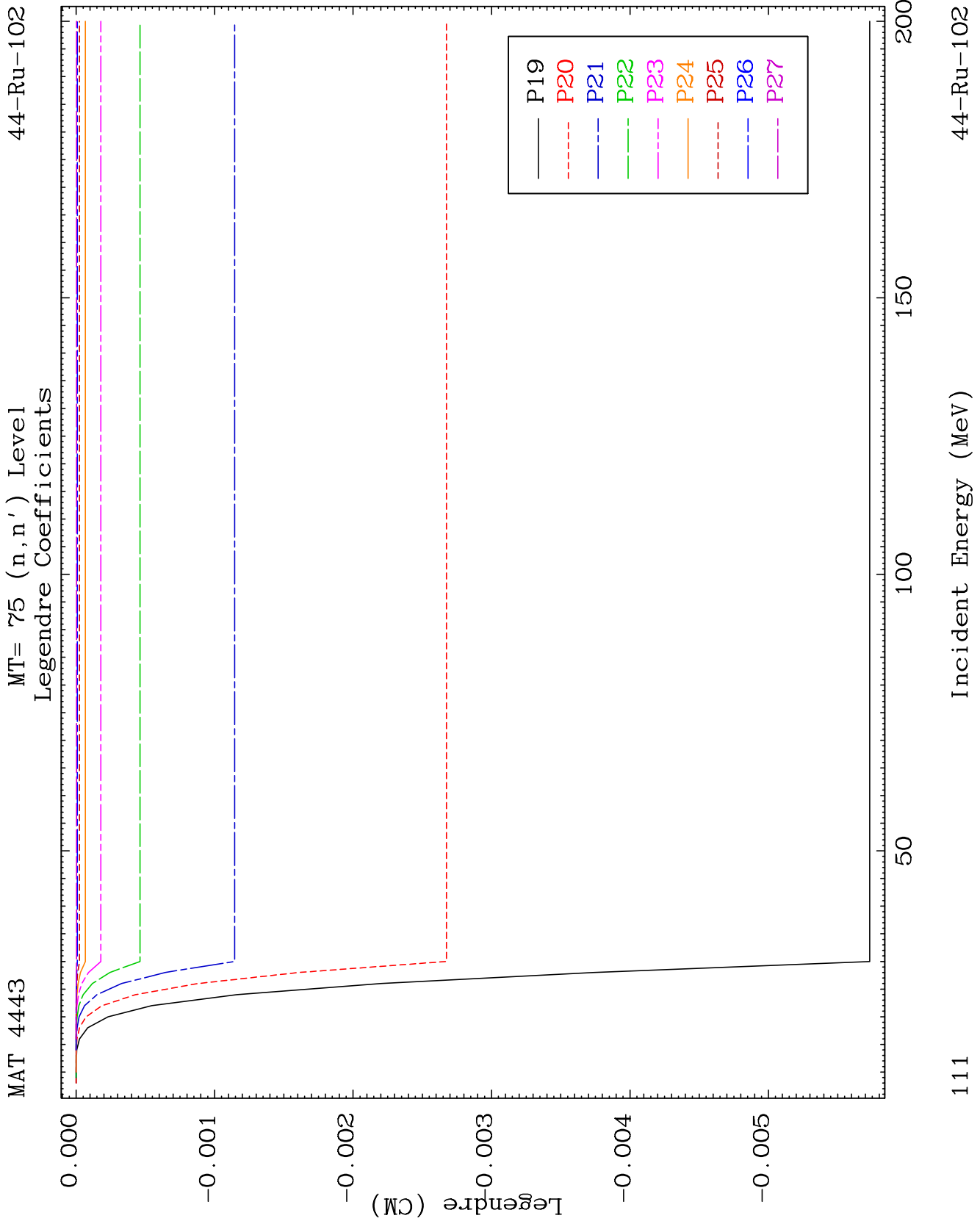
44-Ru-102



110

Incident Energy (MeV)

44-Ru-102

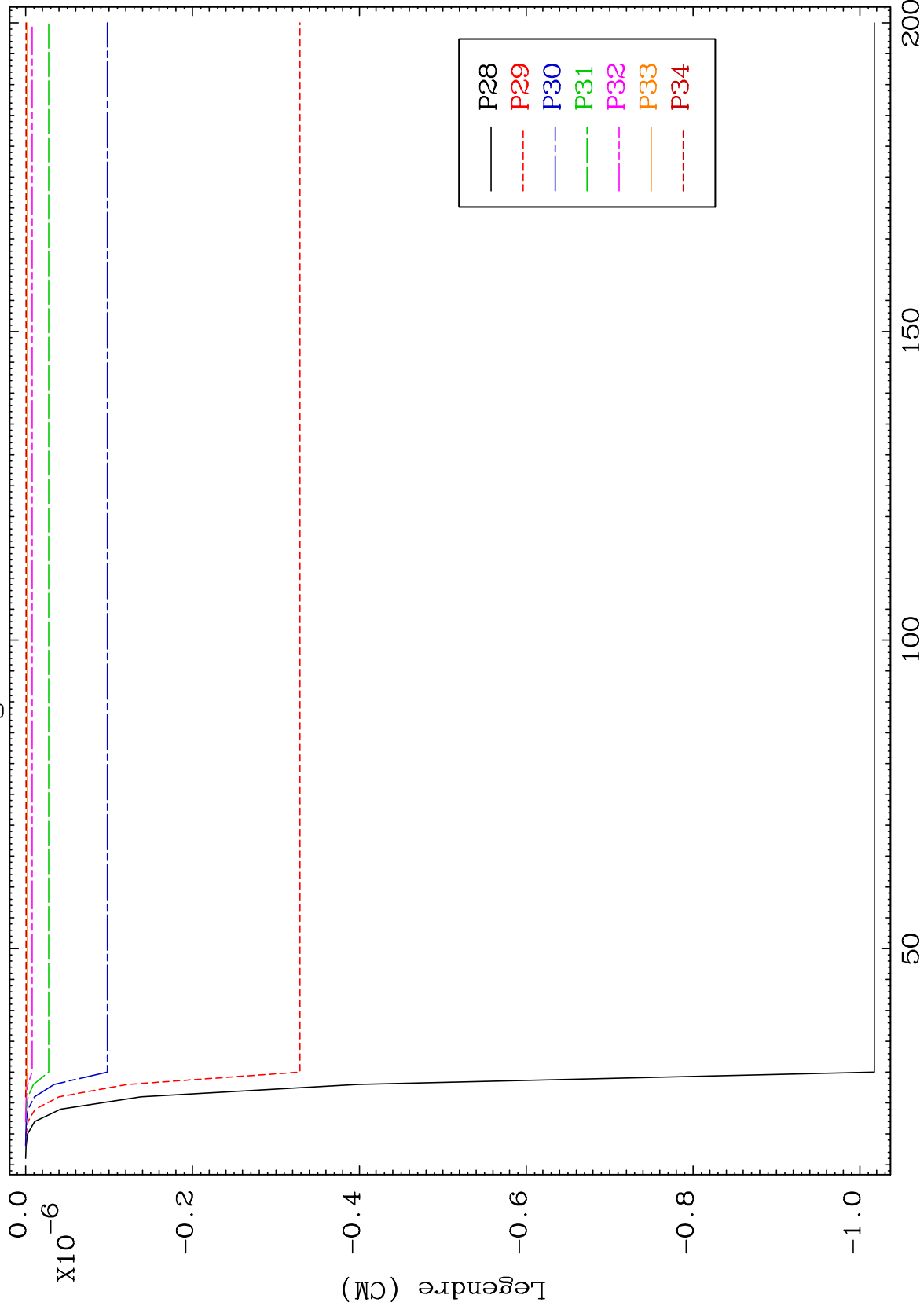


MAT 4443

MT= 75 (n,n') Level

44-Ru-102

Legendre Coefficients



112

Incident Energy (MeV)

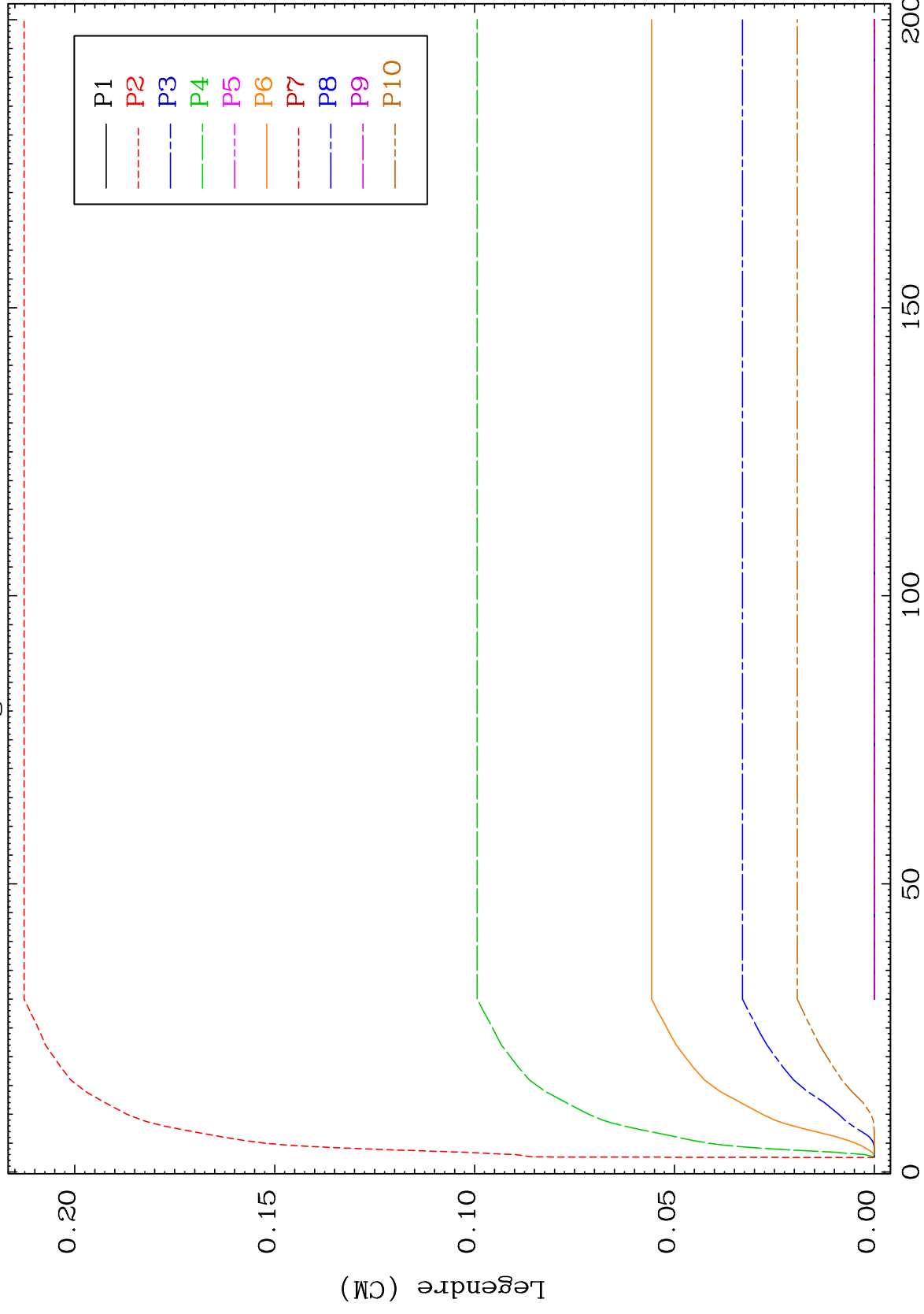
44-Ru-102

MAT 4443

MT= 76 (n,n') Level

44-Ru-102

Legendre Coefficients



113

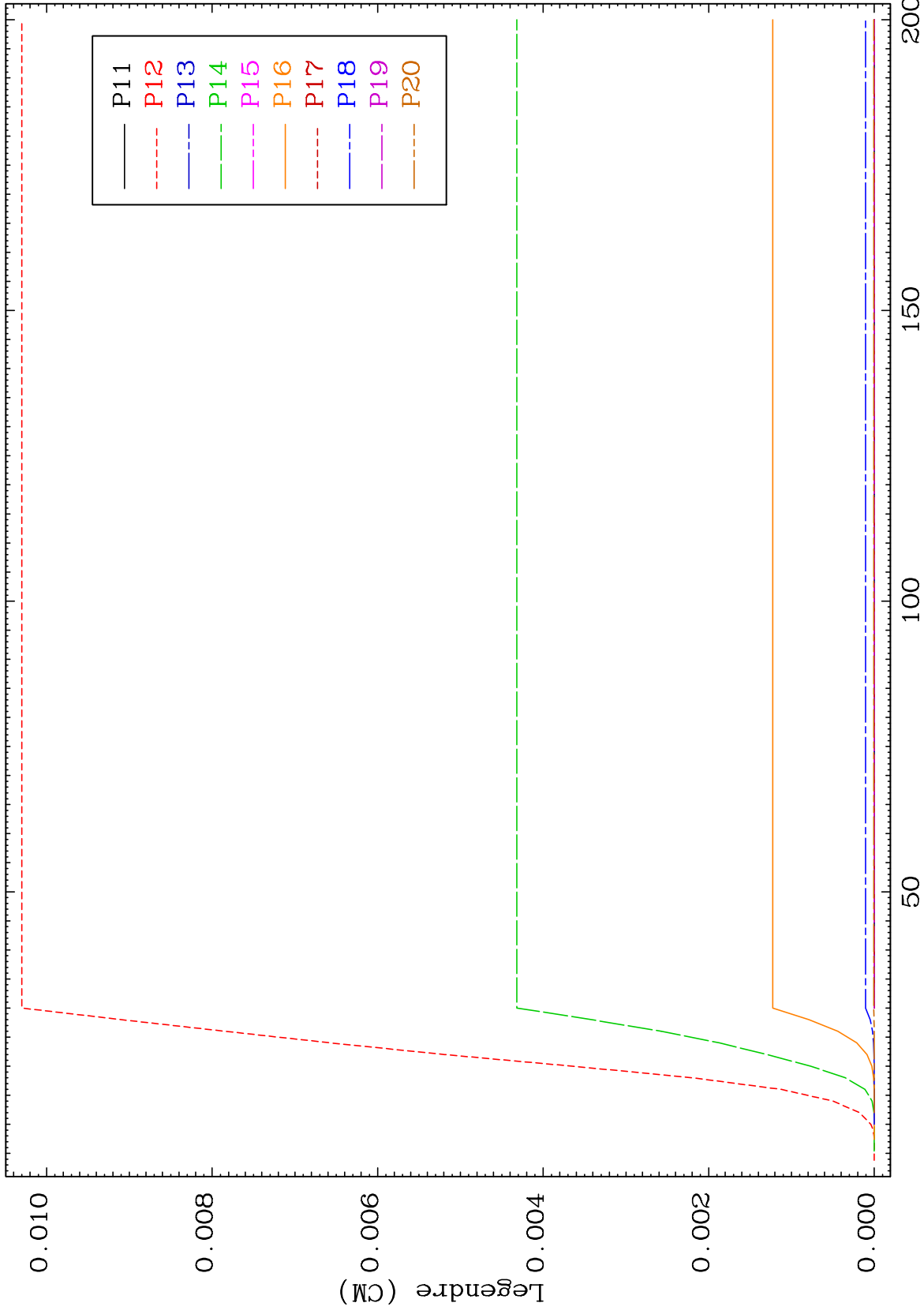
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

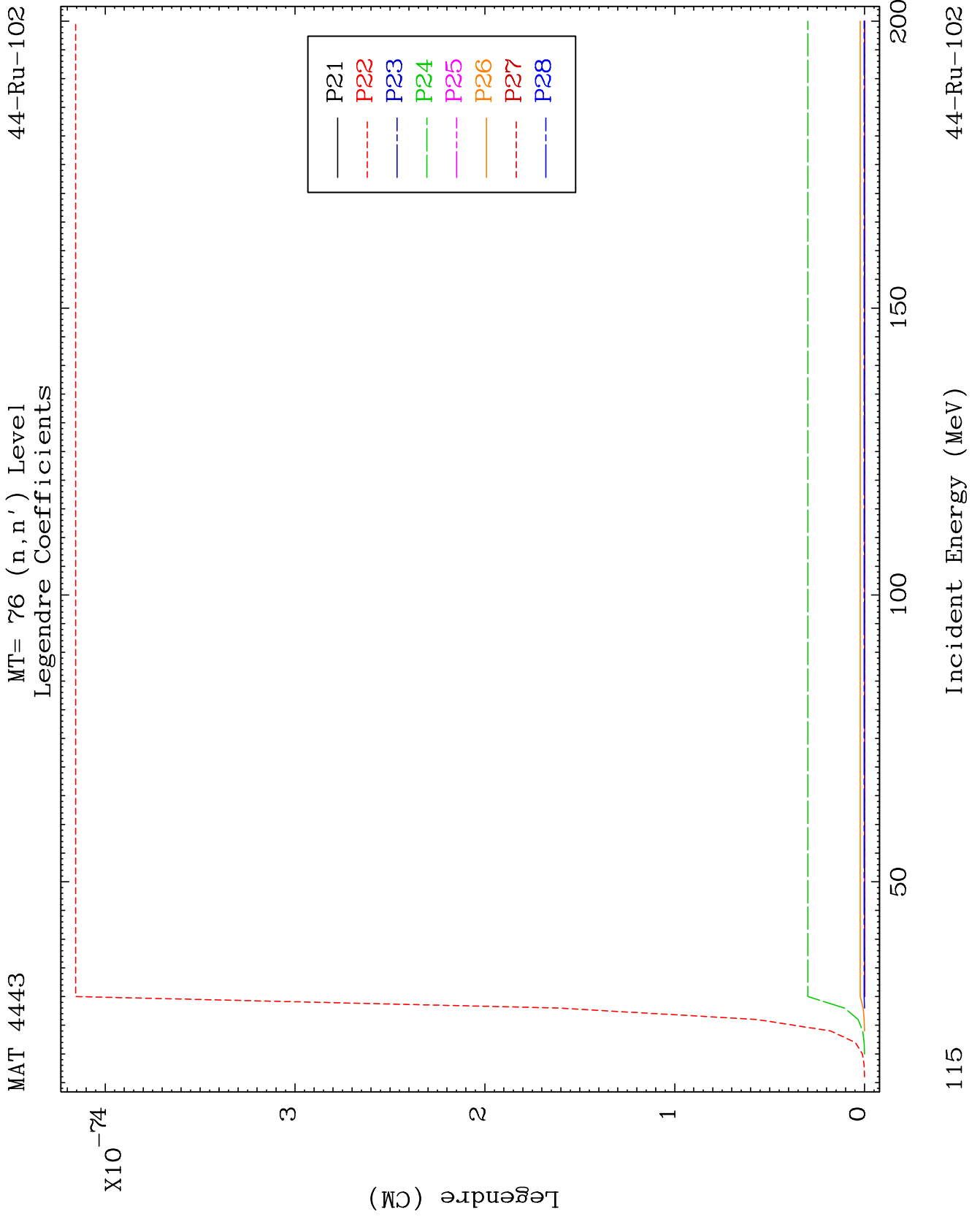
44-Ru-102



114

Incident Energy (MeV)

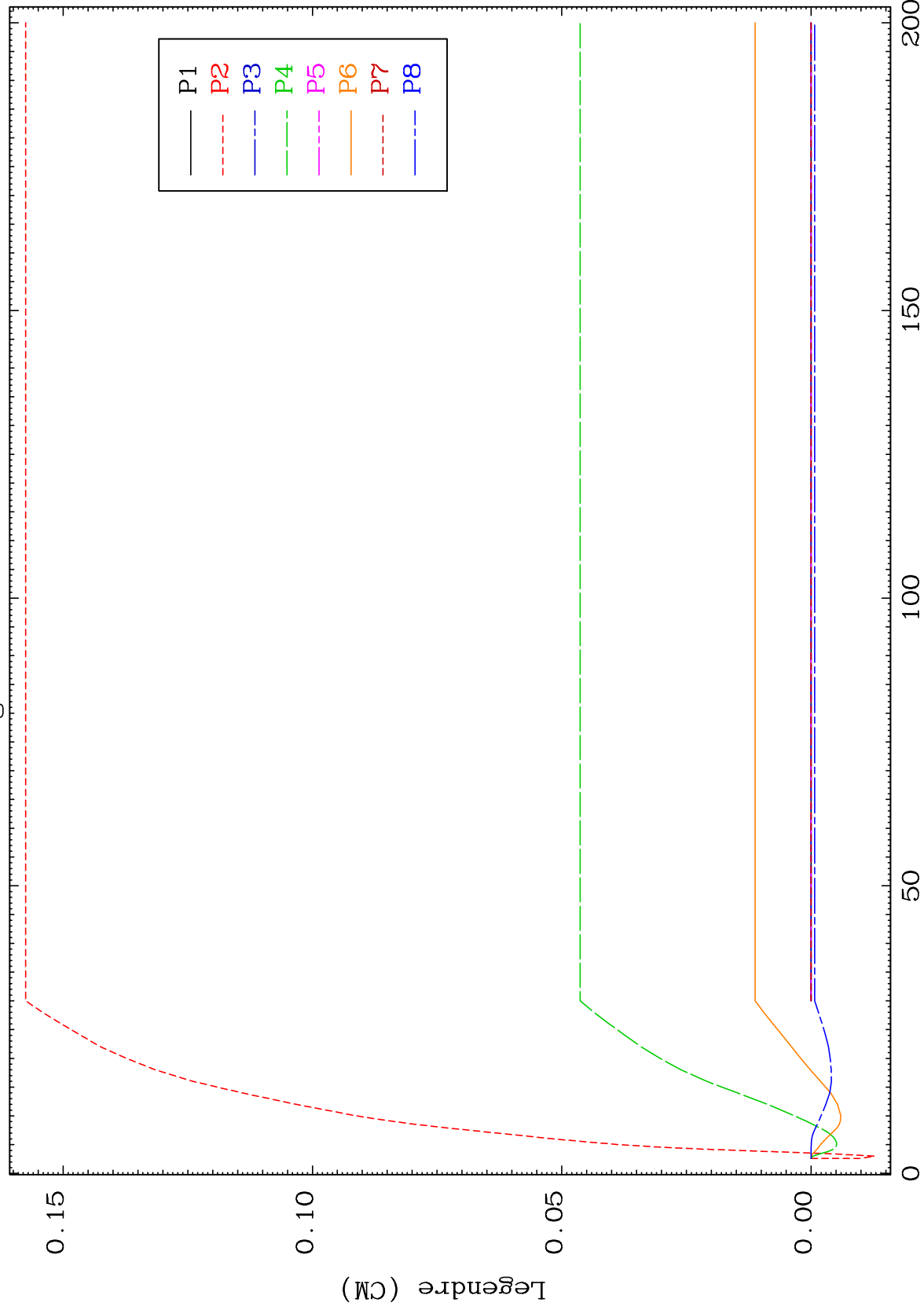
44-Ru-102



MAT 4443

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

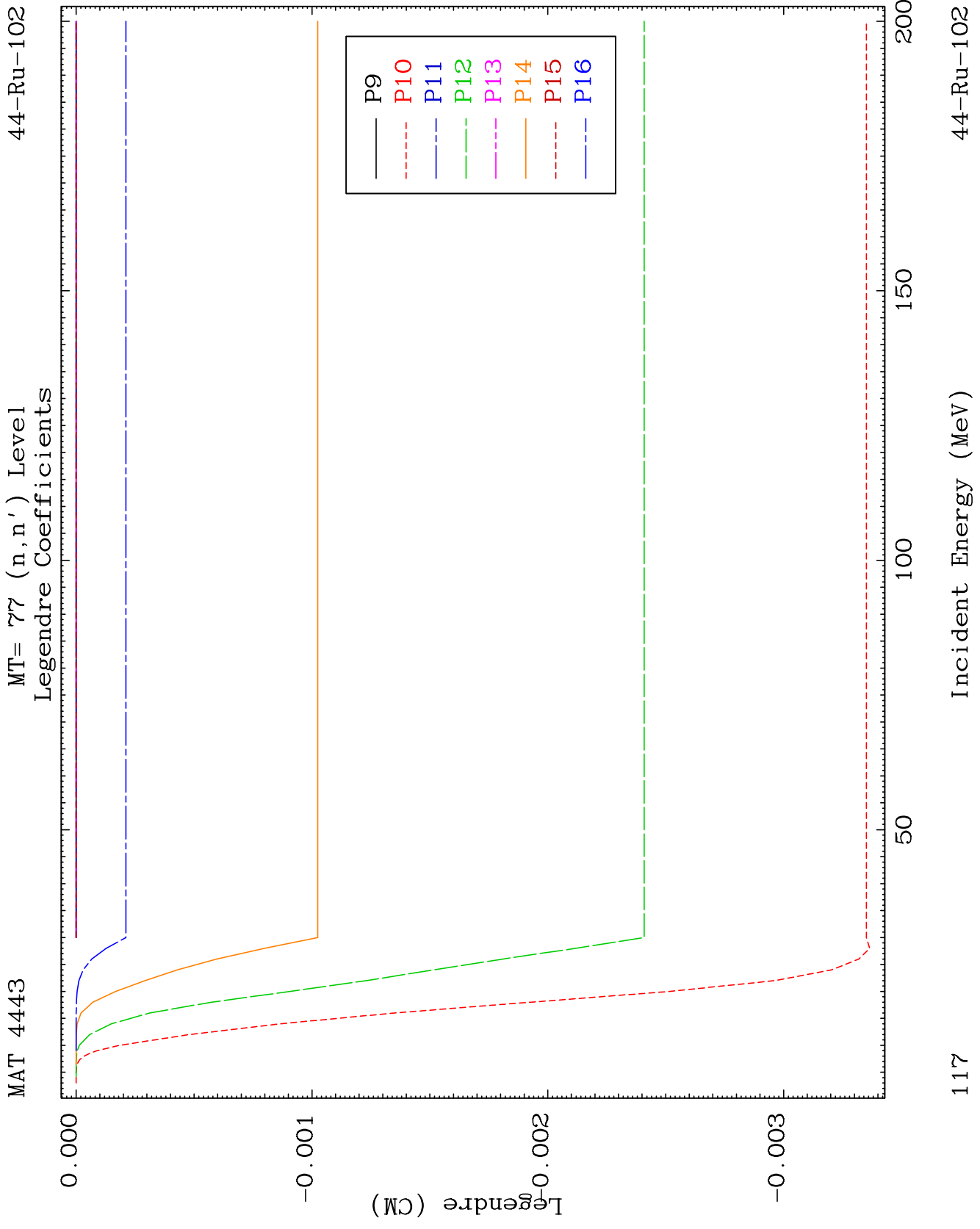
44-Ru-102

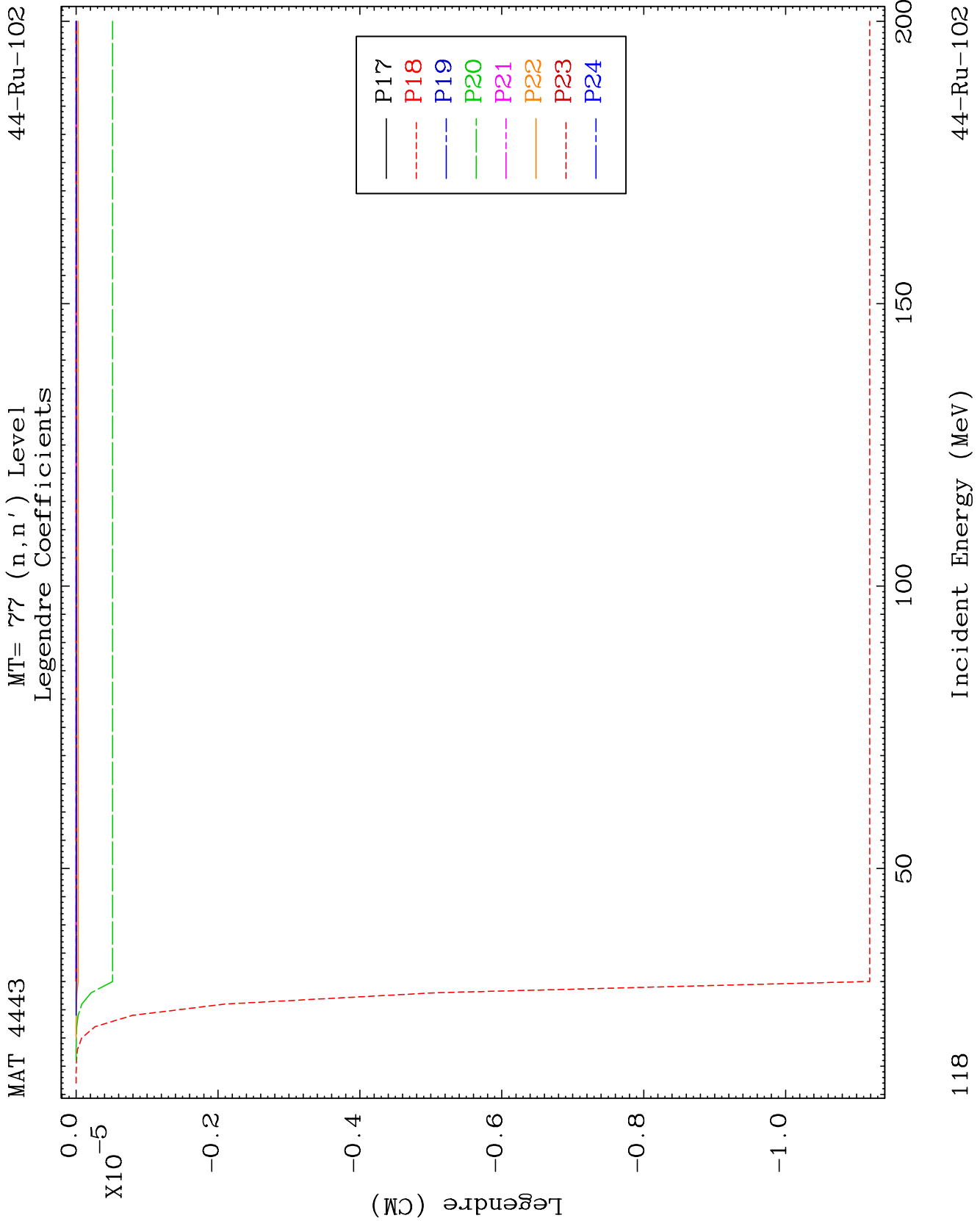


116

Incident Energy (MeV)

44-Ru-102

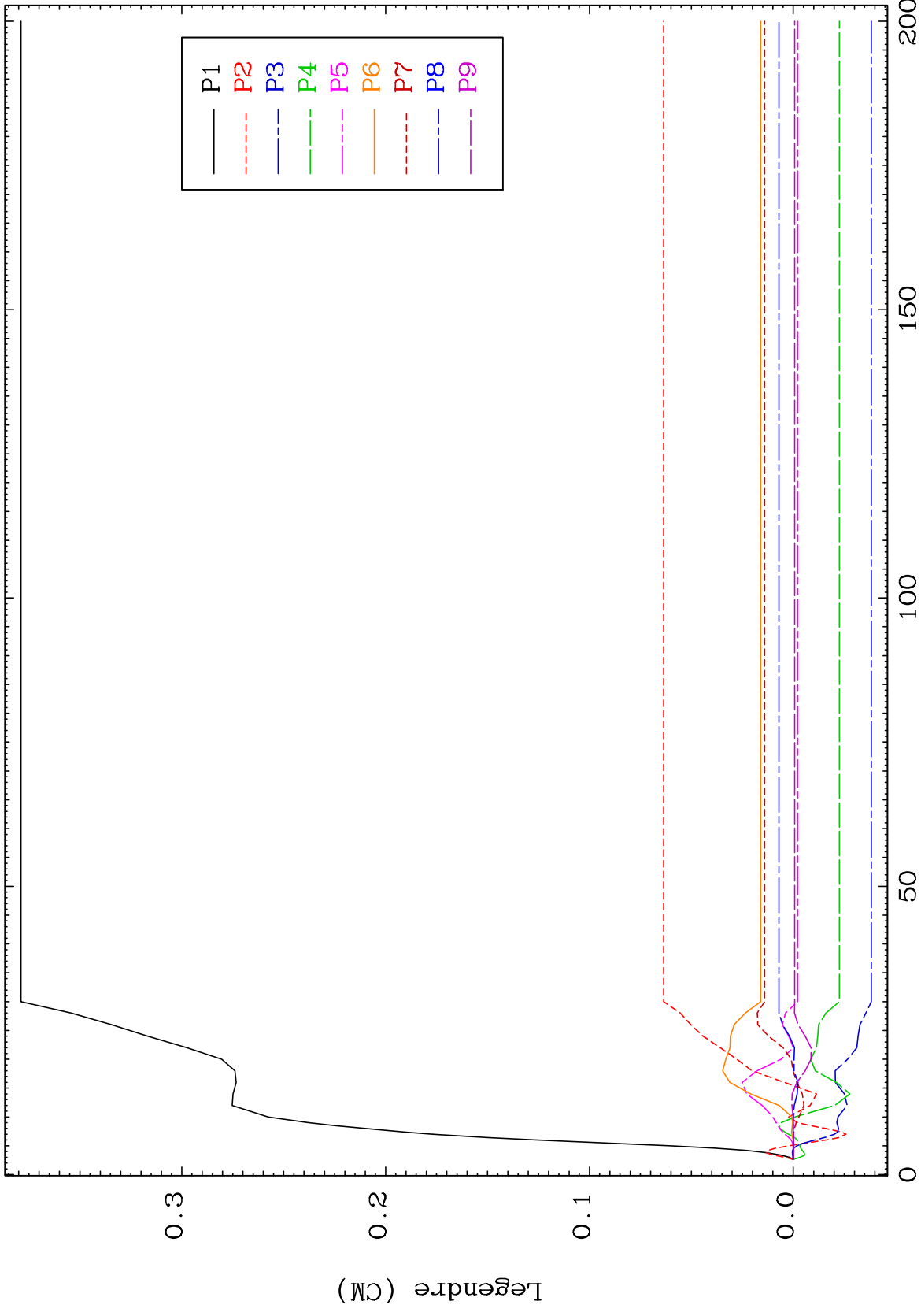




MAT 4443

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

44-Ru-102



119

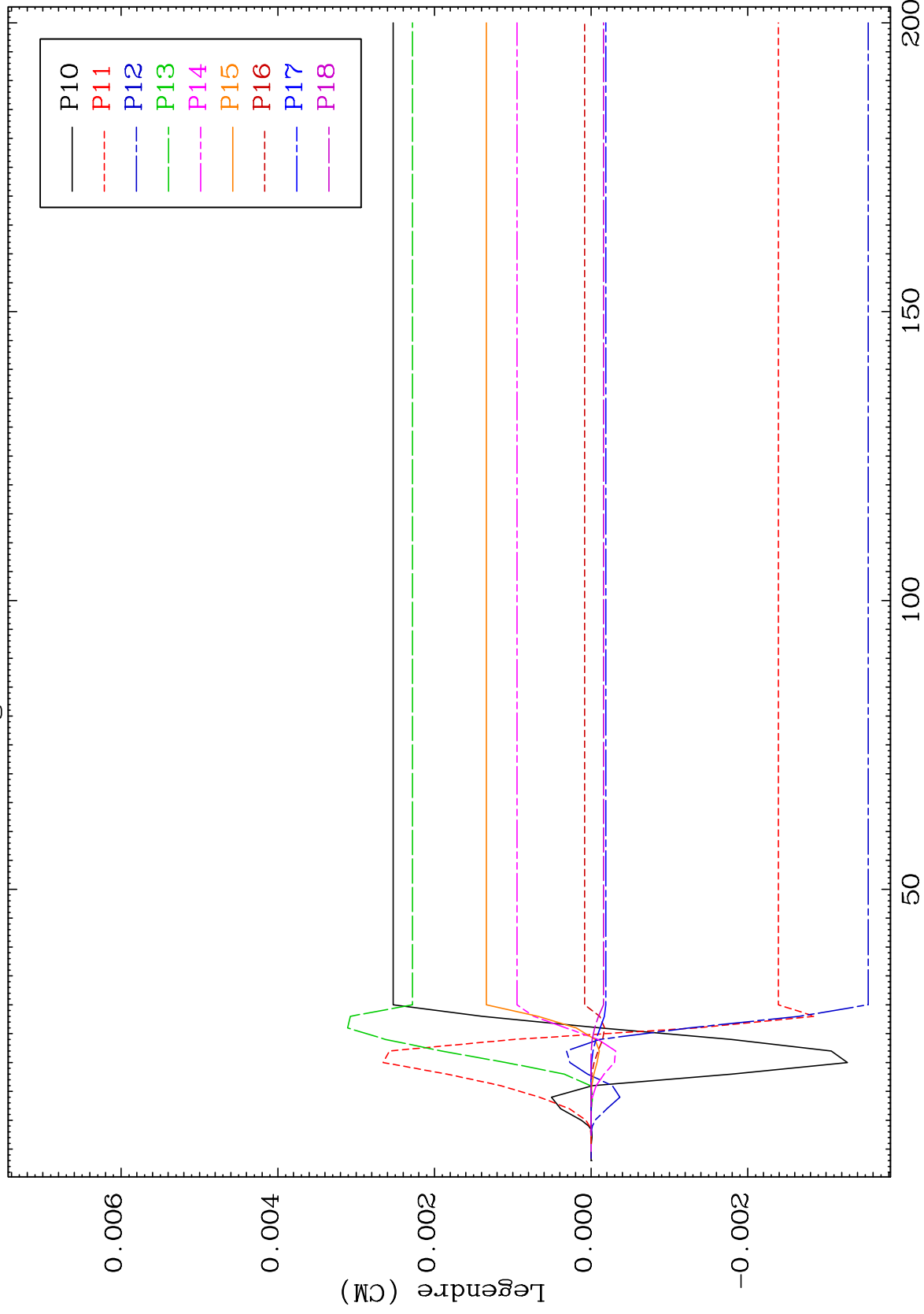
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



120

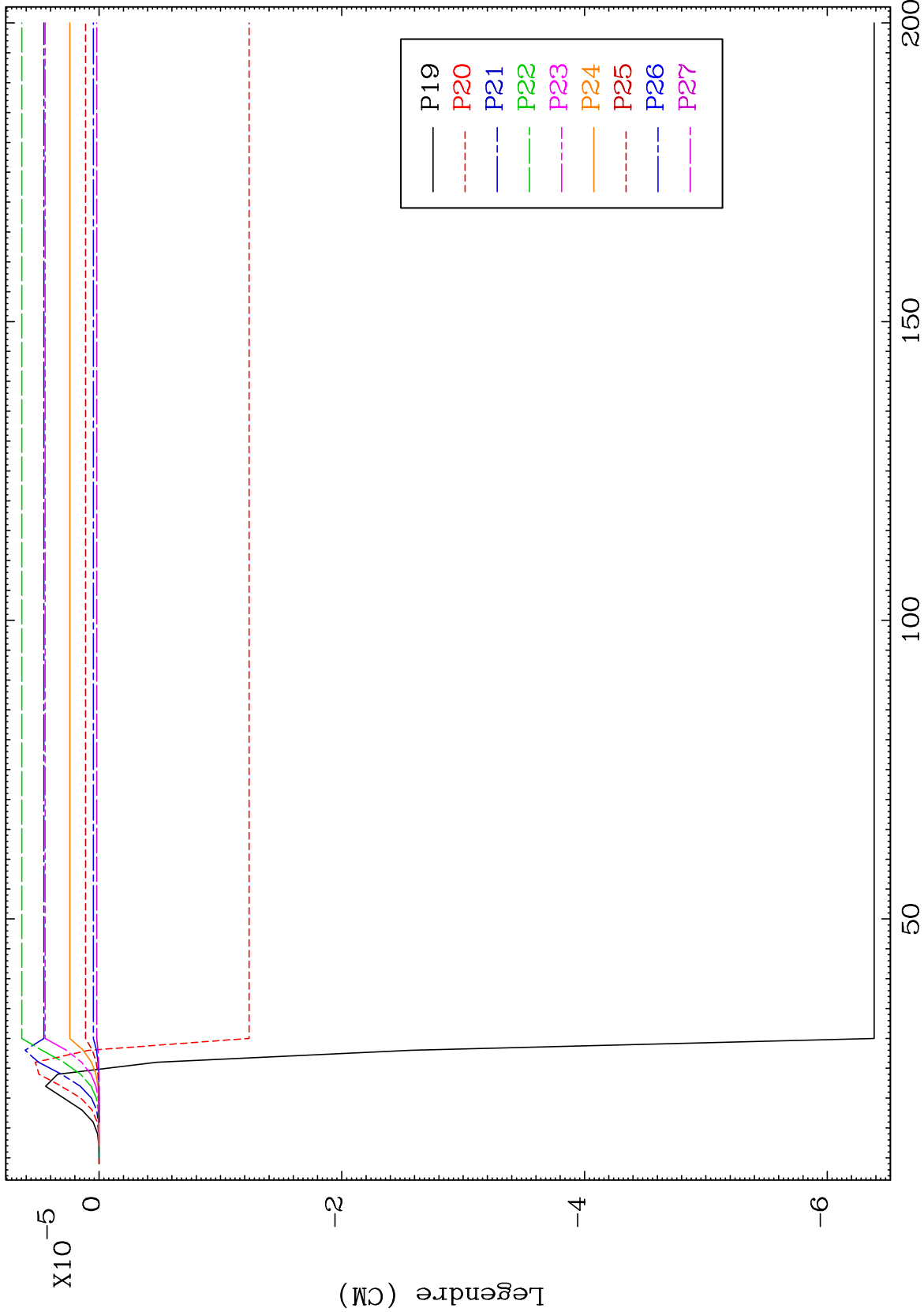
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



121

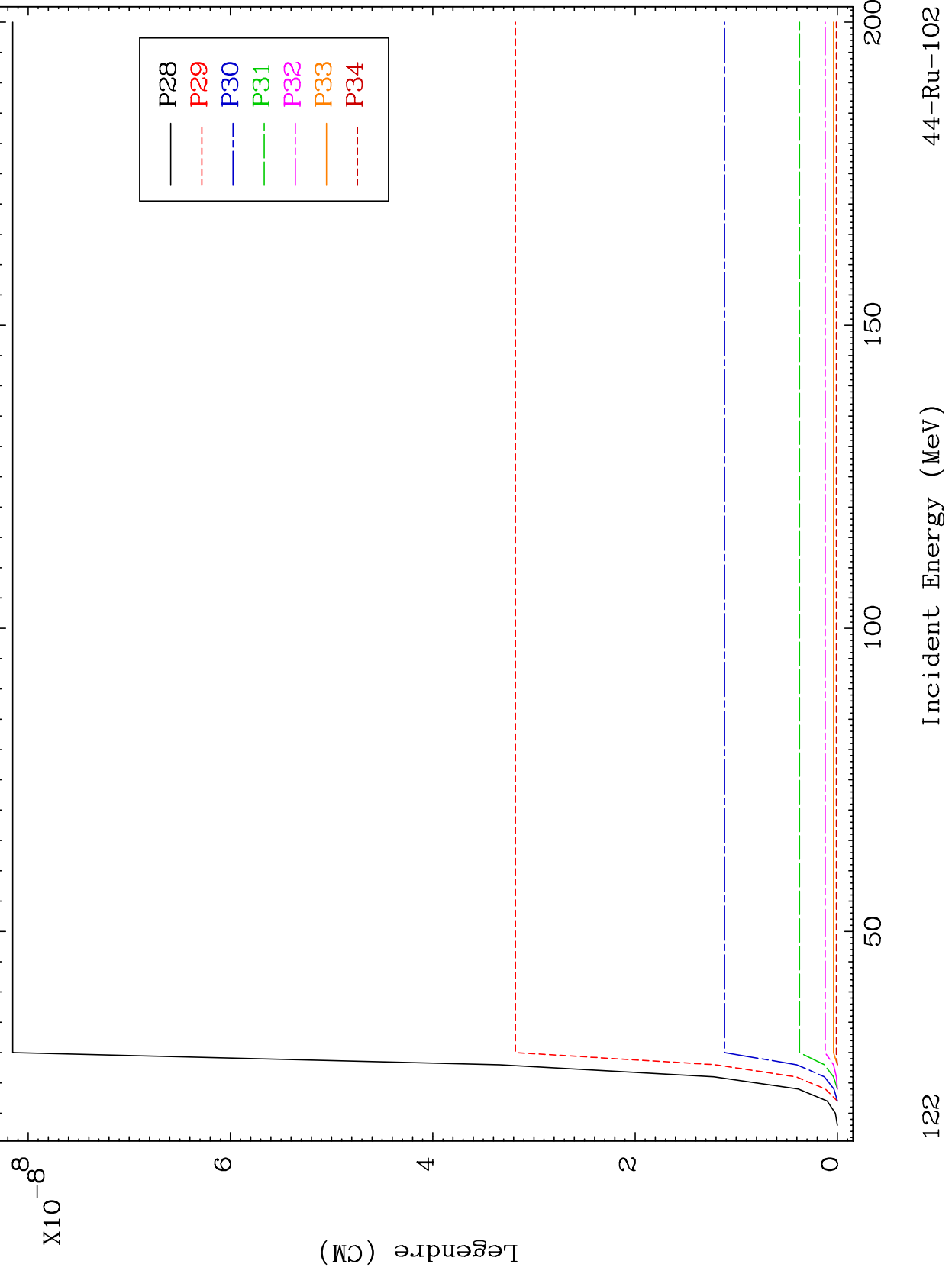
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



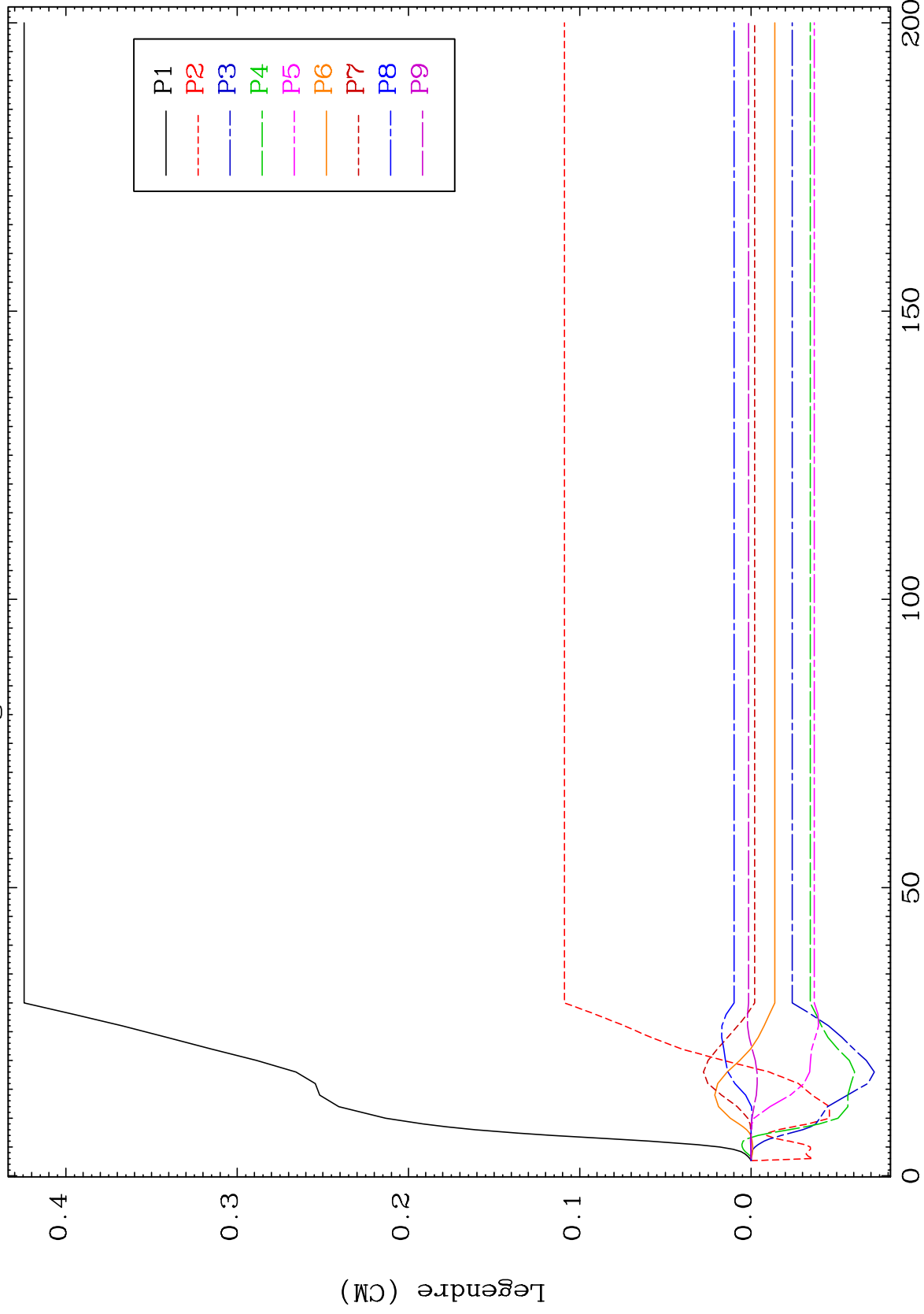
122

44-Ru-102

MAT 4443

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

44-Ru-102



123

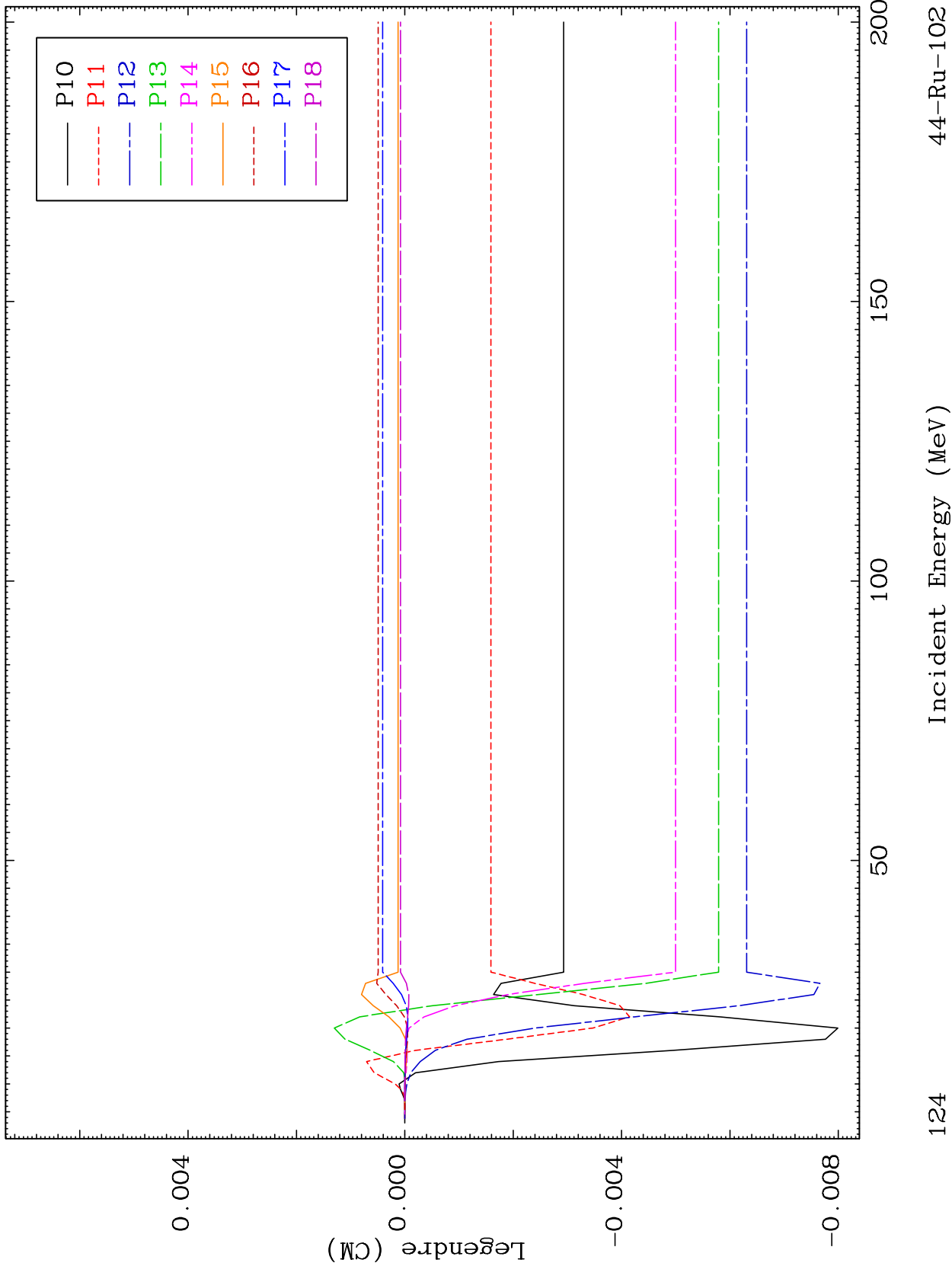
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



124

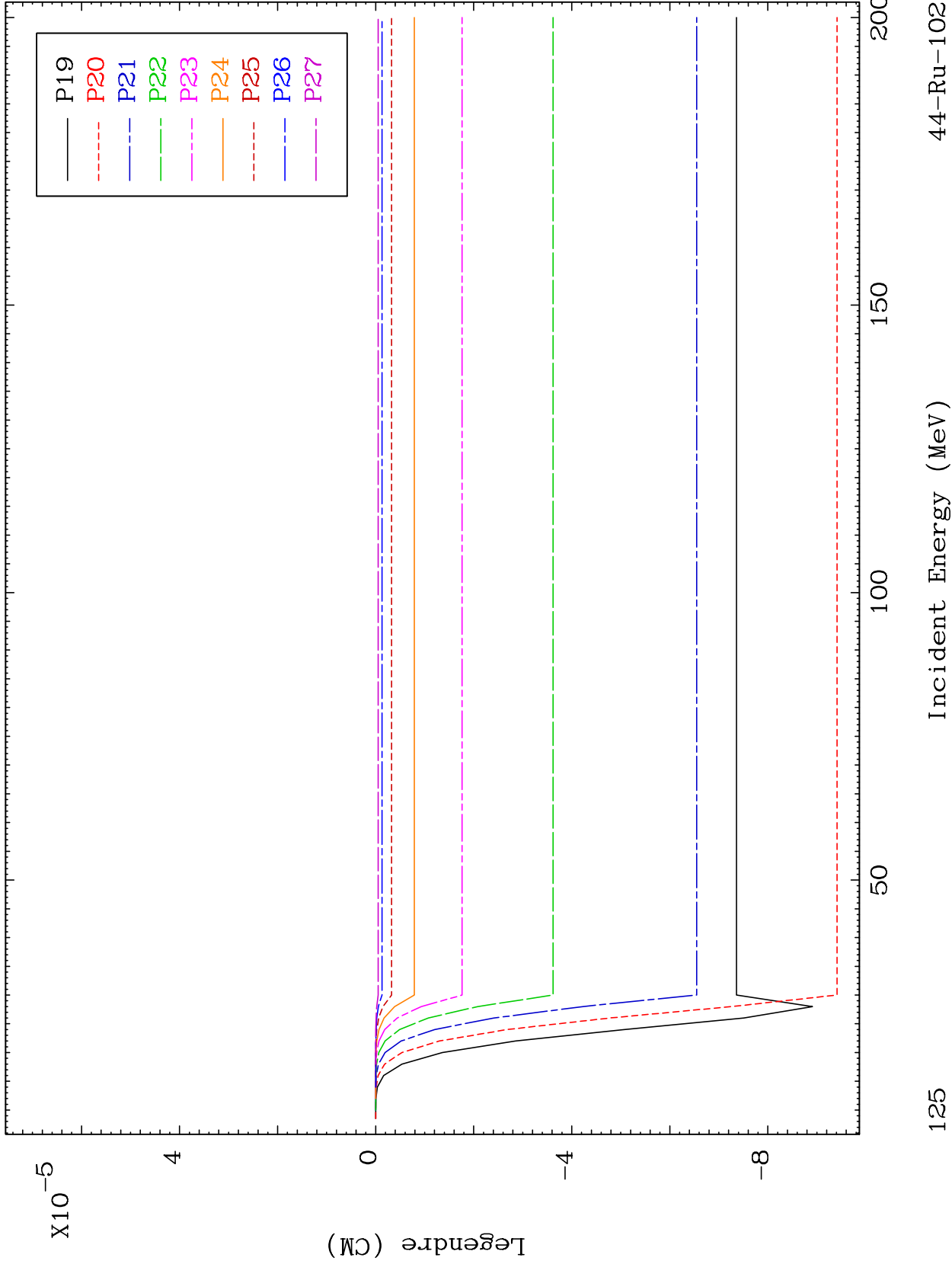
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



125

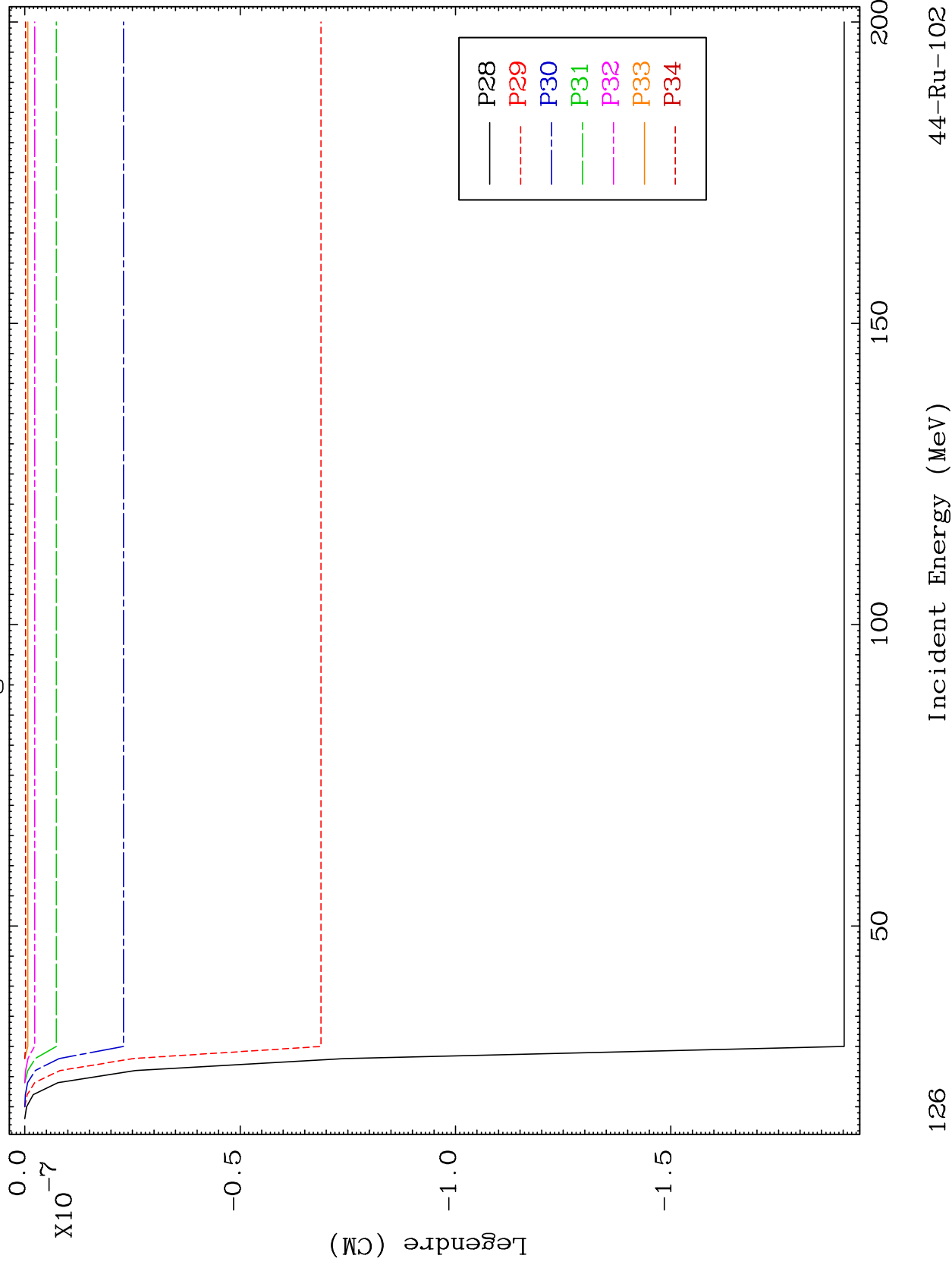
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



126

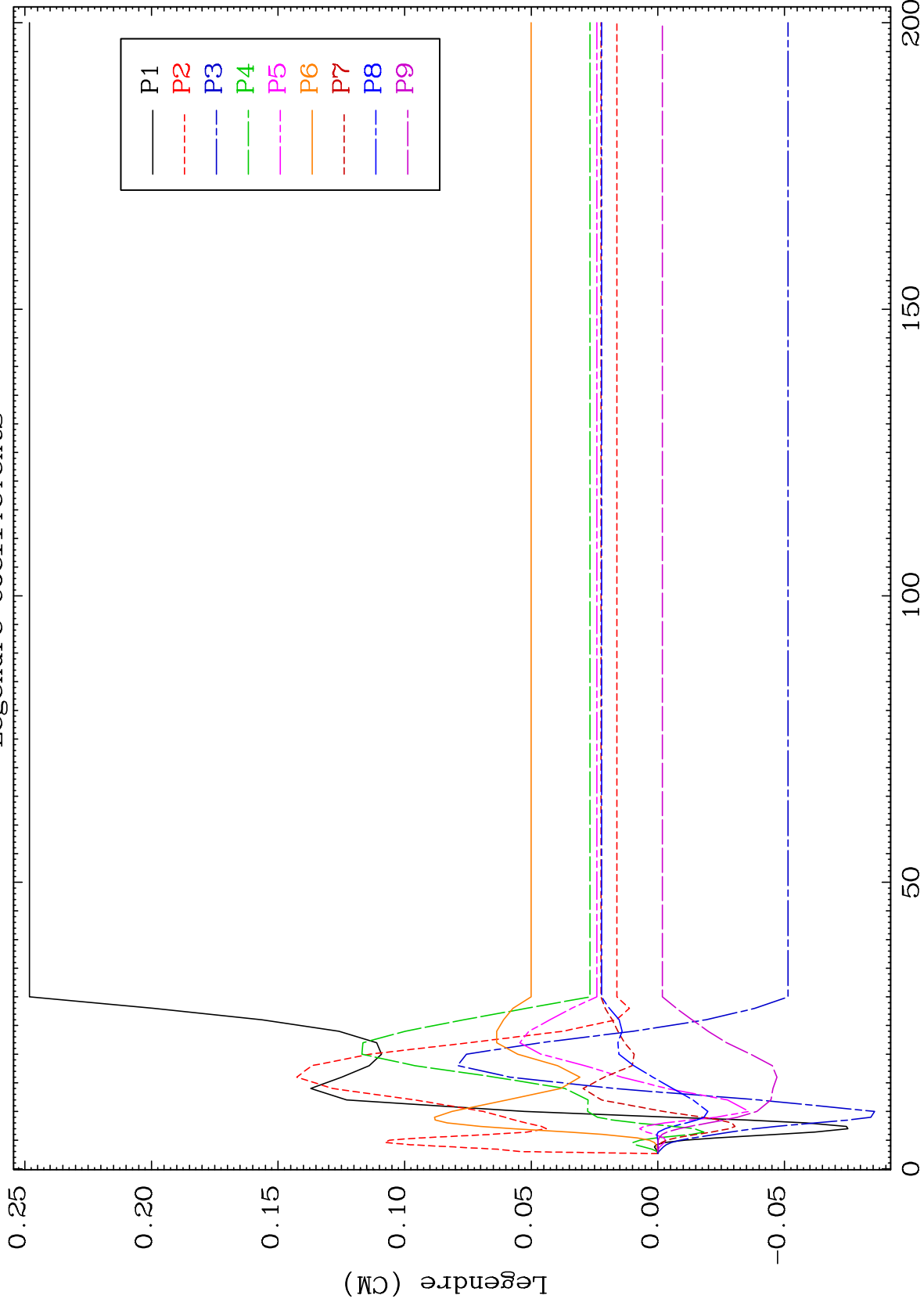
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

44-Ru-102



127

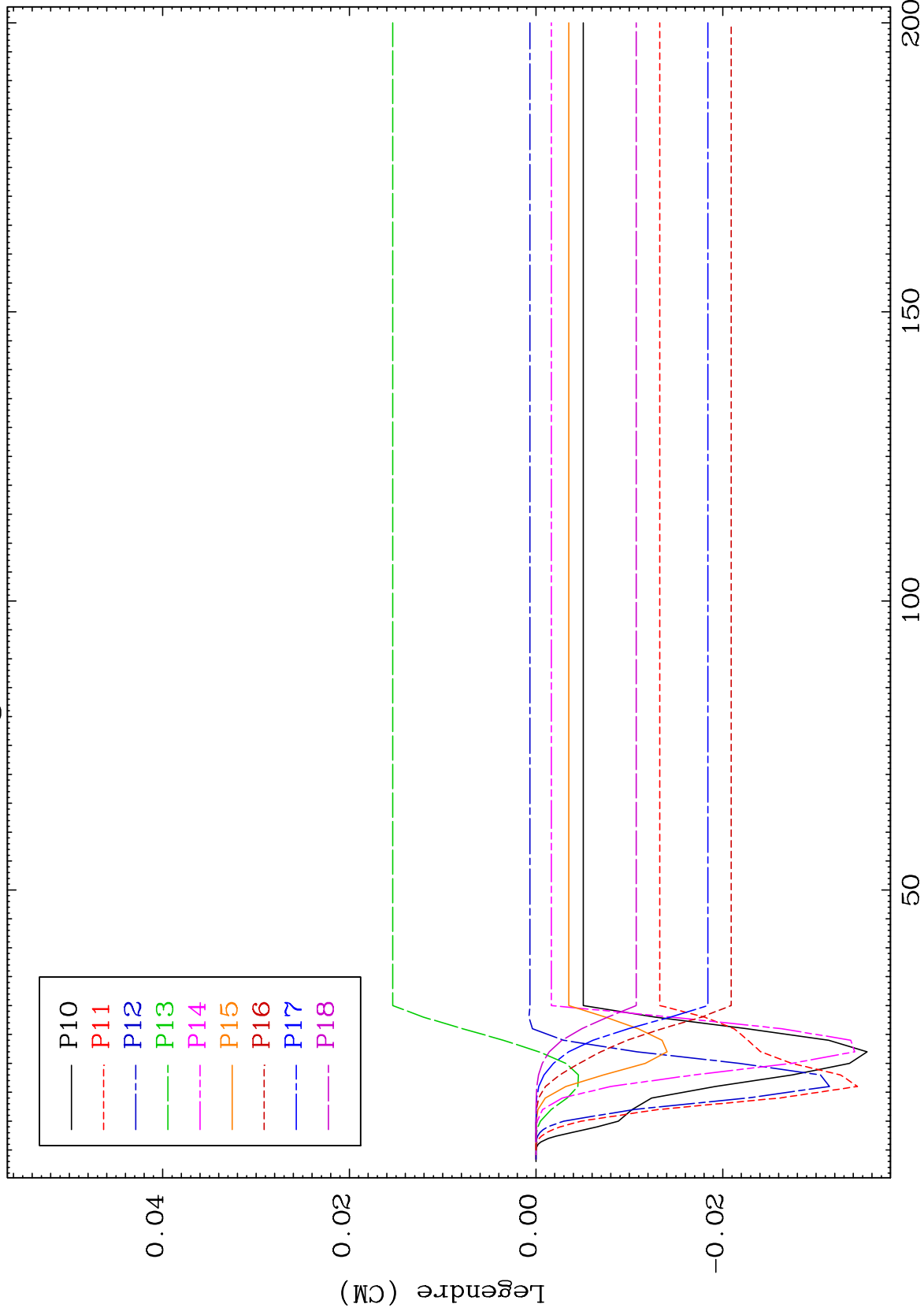
Incident Energy (MeV)

44-Ru-102

MAT 4443

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

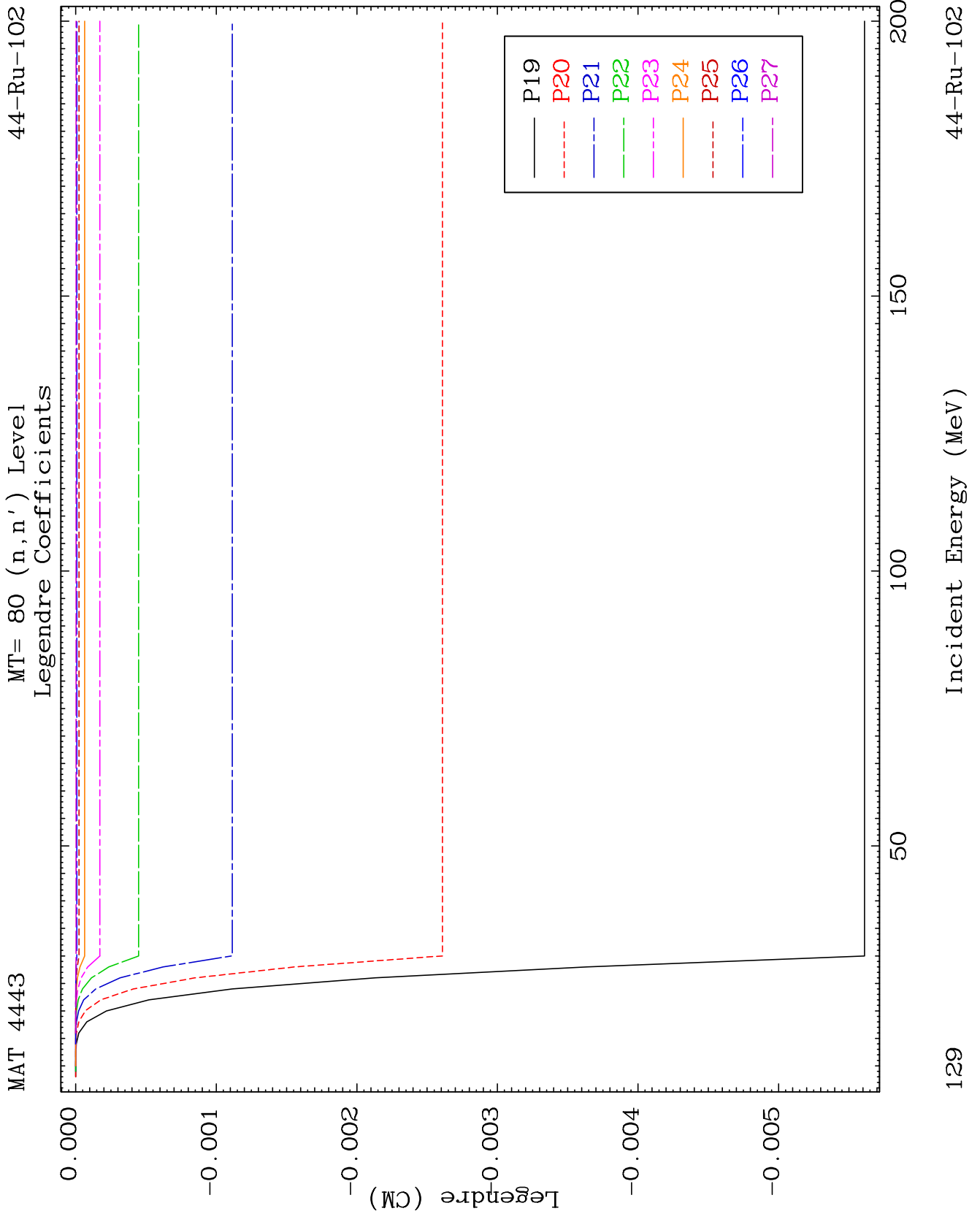
44-Ru-102

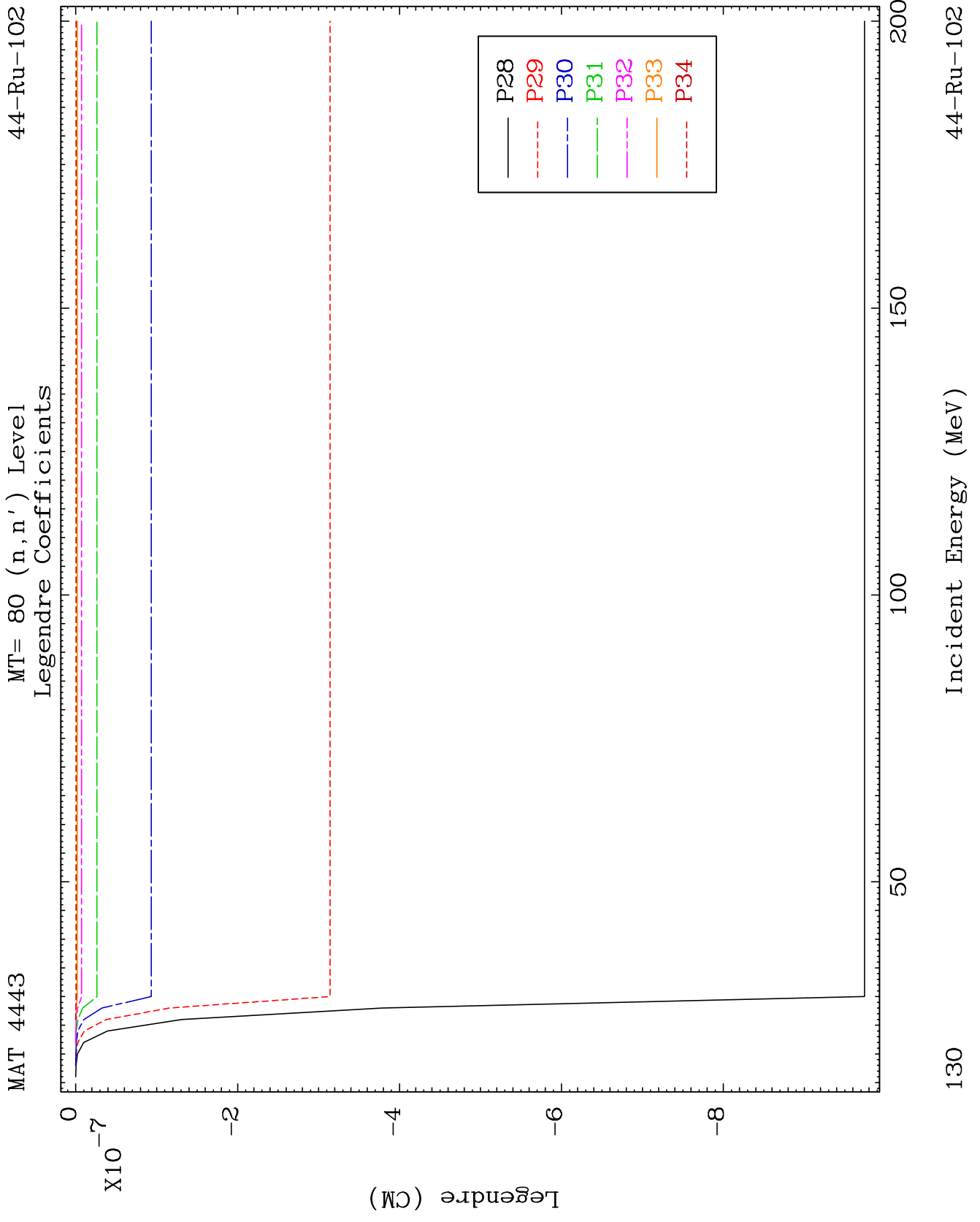


128

Incident Energy (MeV)

44-Ru-102



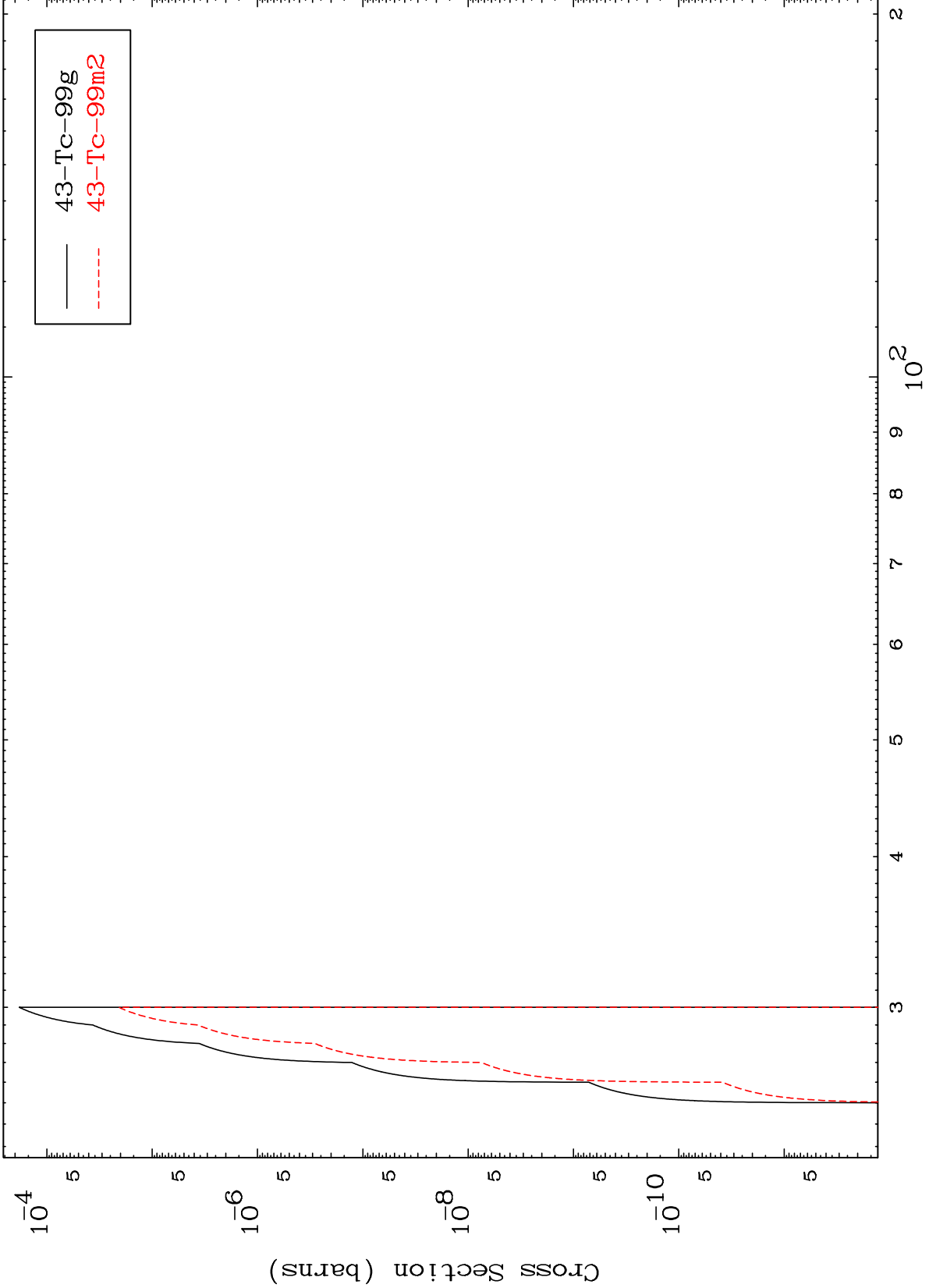


MAT 4443

(n,2n) d

44-Ru-102

Radionuclide Production Cross Section

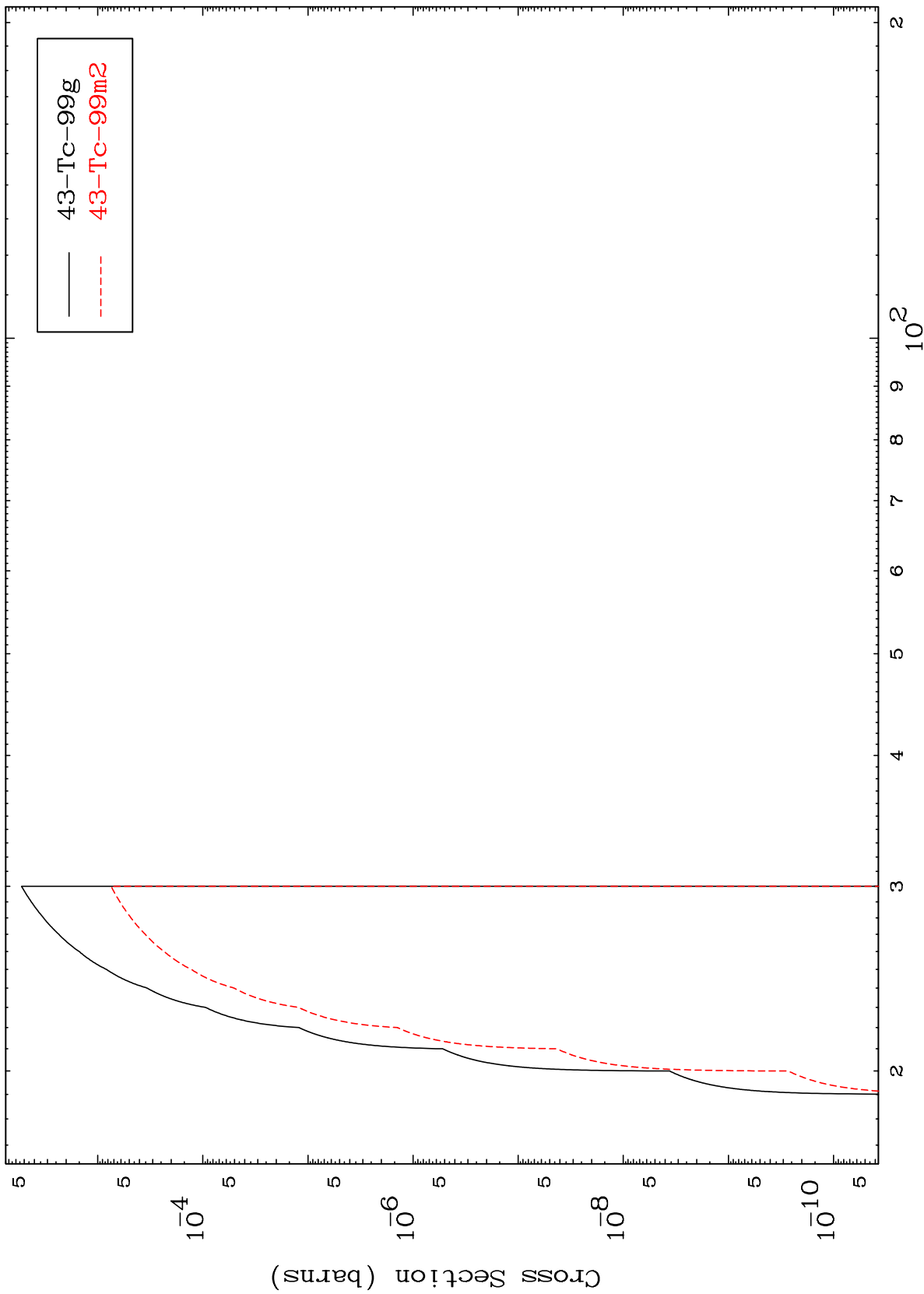


131

Incident Energy (MeV)

44-Ru-102

Radionuclide Production Cross Section

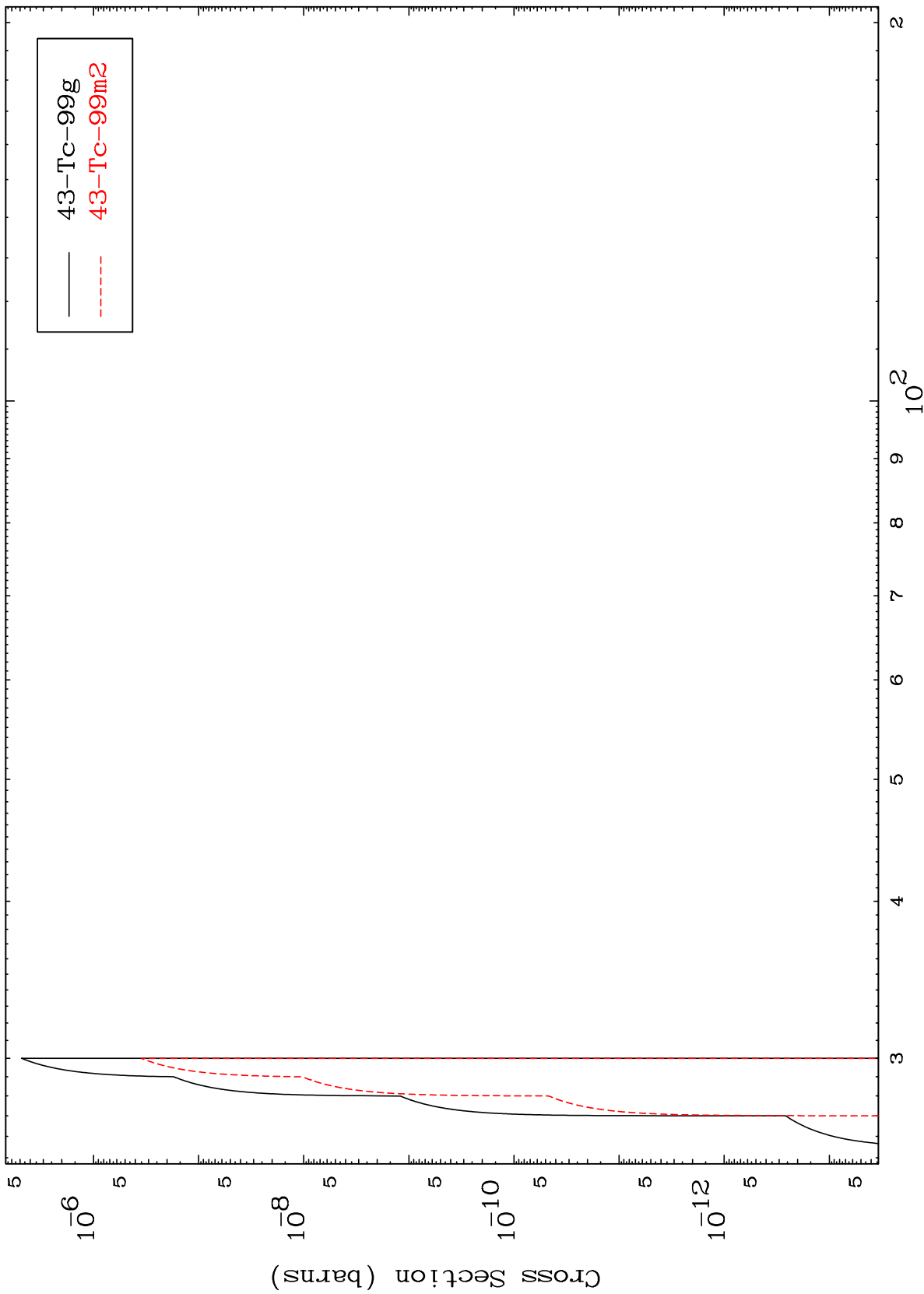


MAT 4443

(n,3n) p

44-Ru-102

Radionuclide Production Cross Section



133

Incident Energy (MeV)

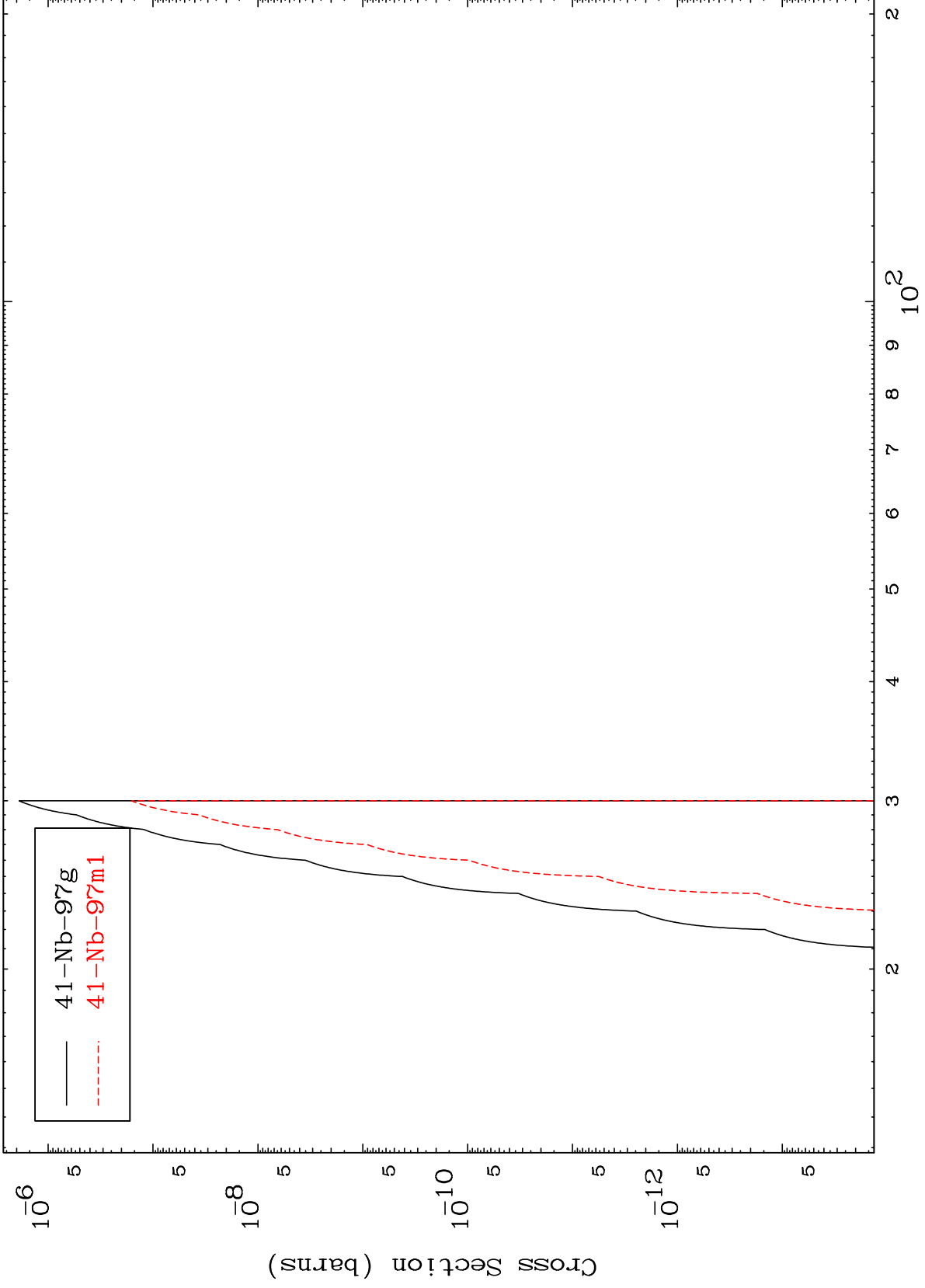
44-Ru-102

MAT 4443

(n,n') p α

44-Ru-102

Radionuclide Production Cross Section



134

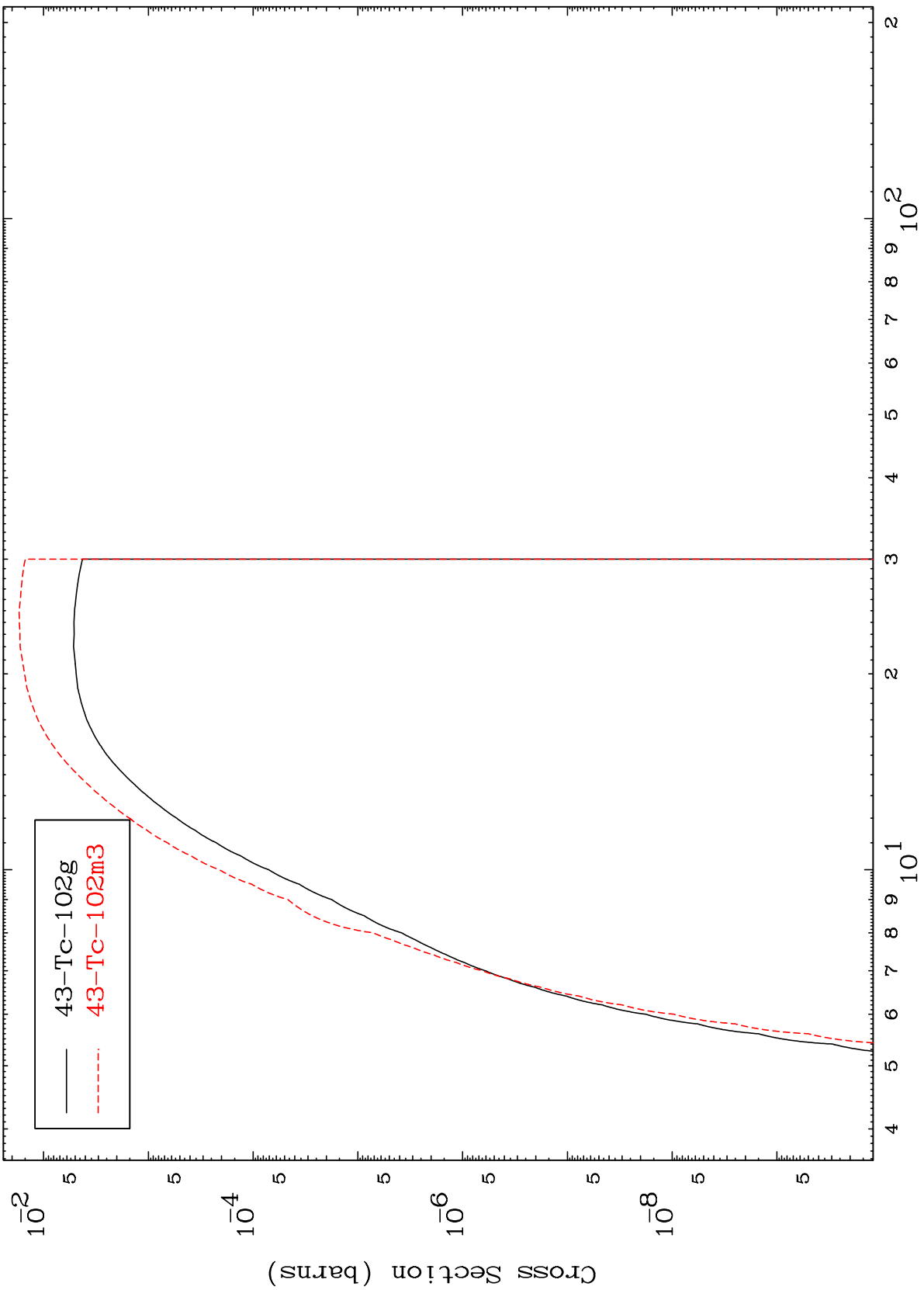
Incident Energy (MeV)

44-Ru-102

MAT 4443

44-Ru-102

(n,p)
Radionuclide Production Cross Section



— 43-Tc-102g
- - - 43-Tc-102m3

135

Incident Energy (MeV)

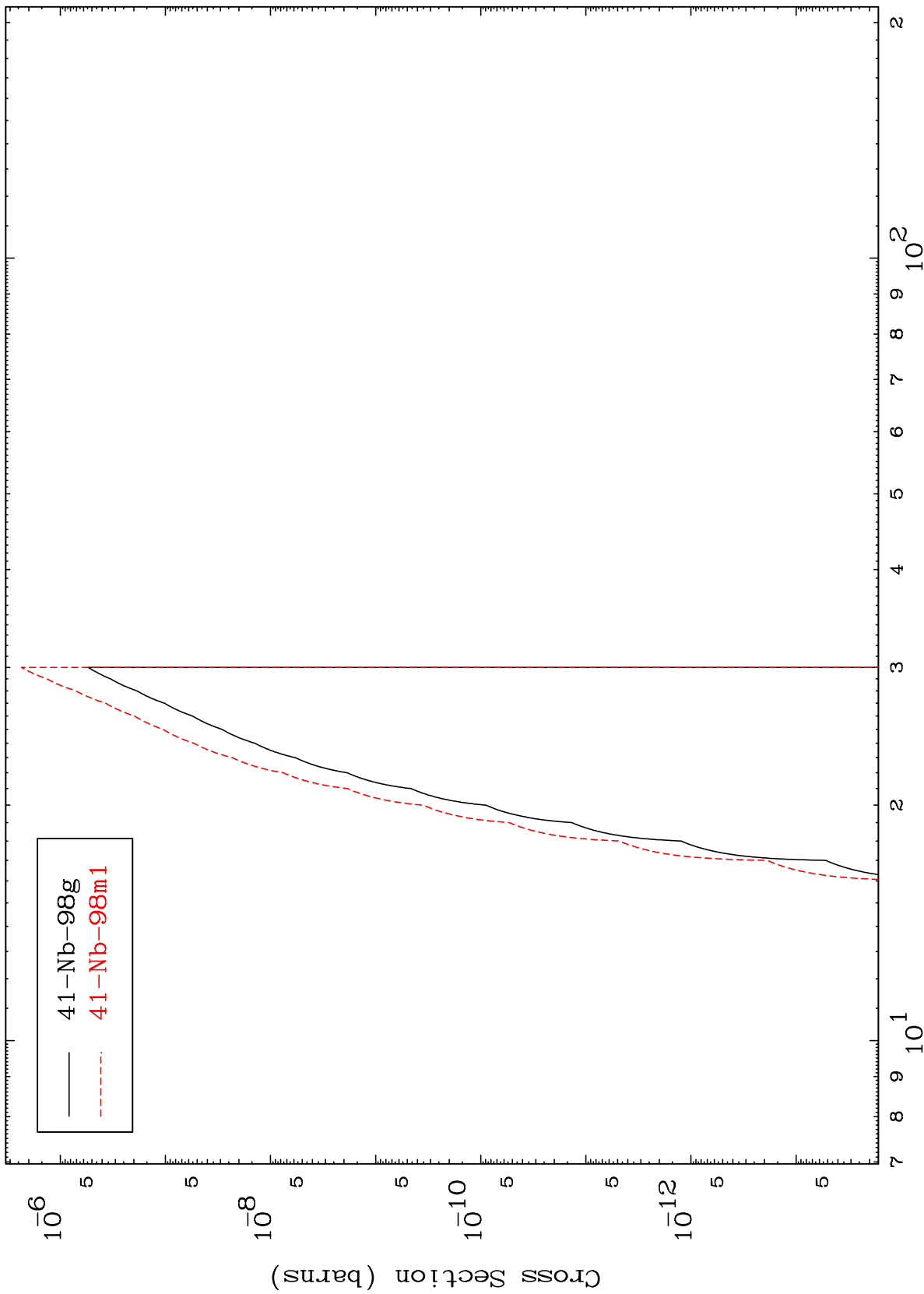
44-Ru-102

MAT 4443

(n,p) α

44-Ru-102

Radionuclide Production Cross Section



— 41-Nb-98g
- - - 41-Nb-98m1

136

Incident Energy (MeV)

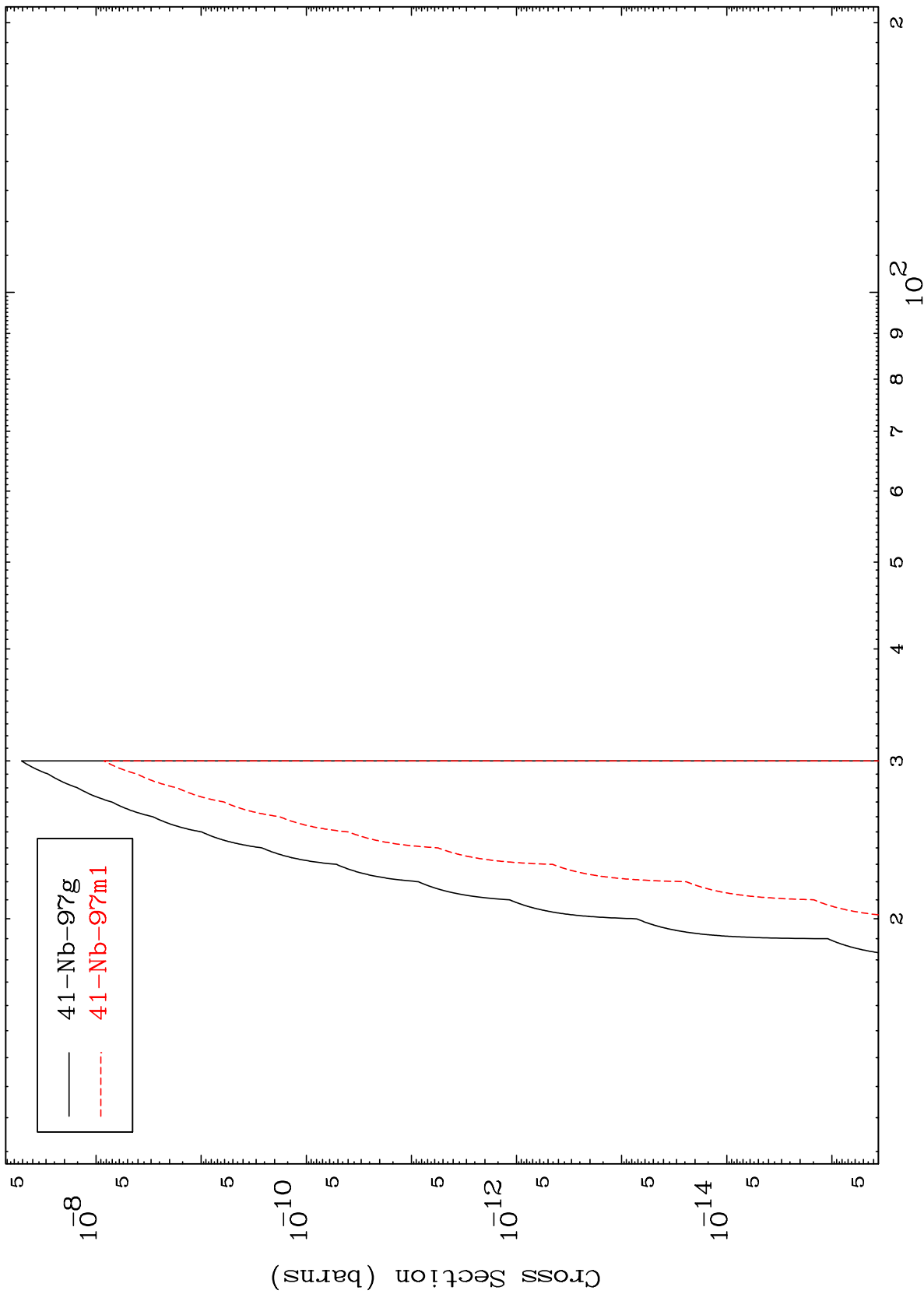
44-Ru-102

MAT 4443

(n,d) α

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Radionuclide Production Cross Section



137

Incident Energy (MeV)

44-Ru-102