

Program EVALPLOT
(Version 2021-1)

by

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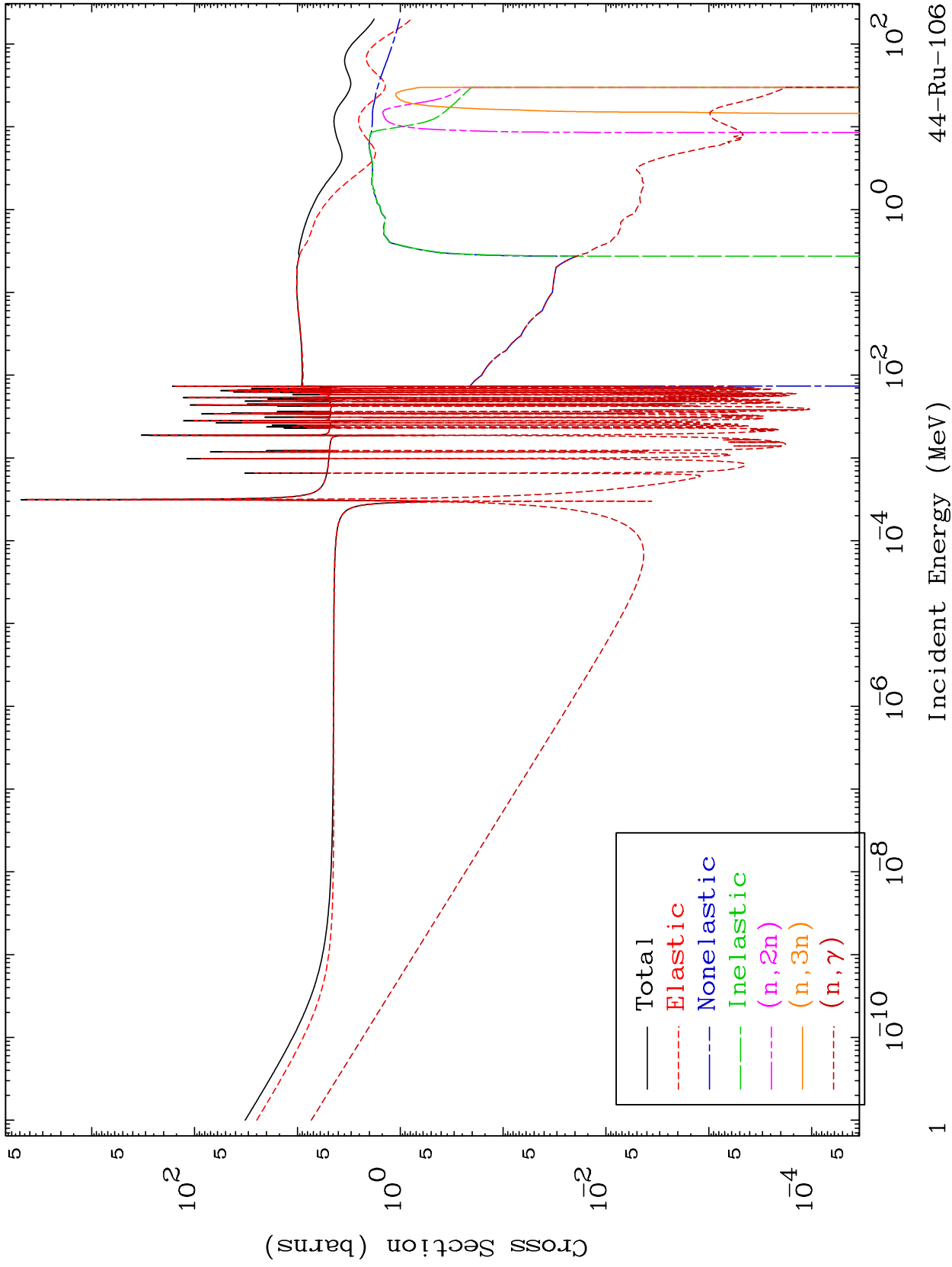
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4455

Neutron Major
293 Kelvin Cross Sections

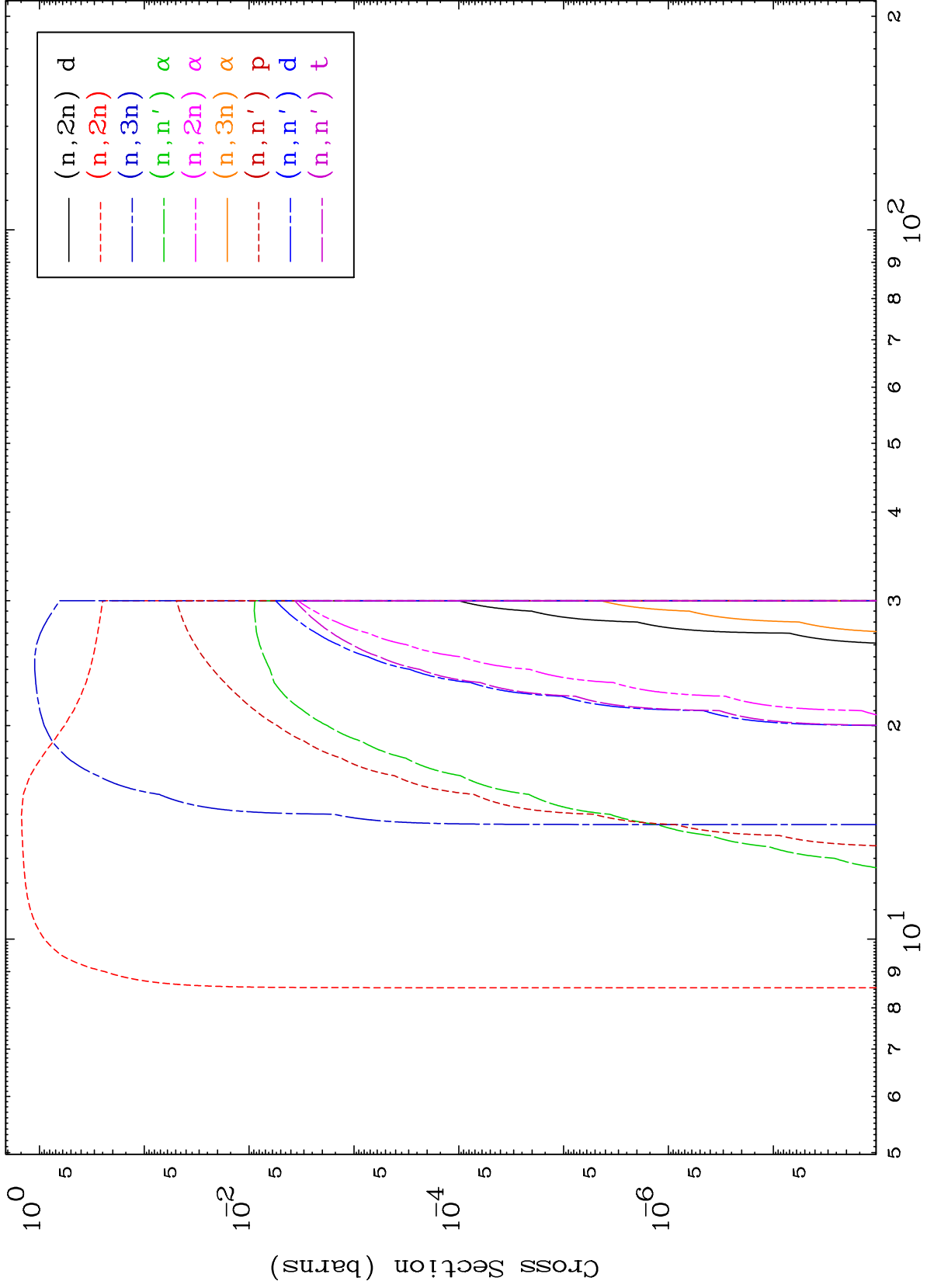
44-Ru-106



MAT 4455

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-106



2

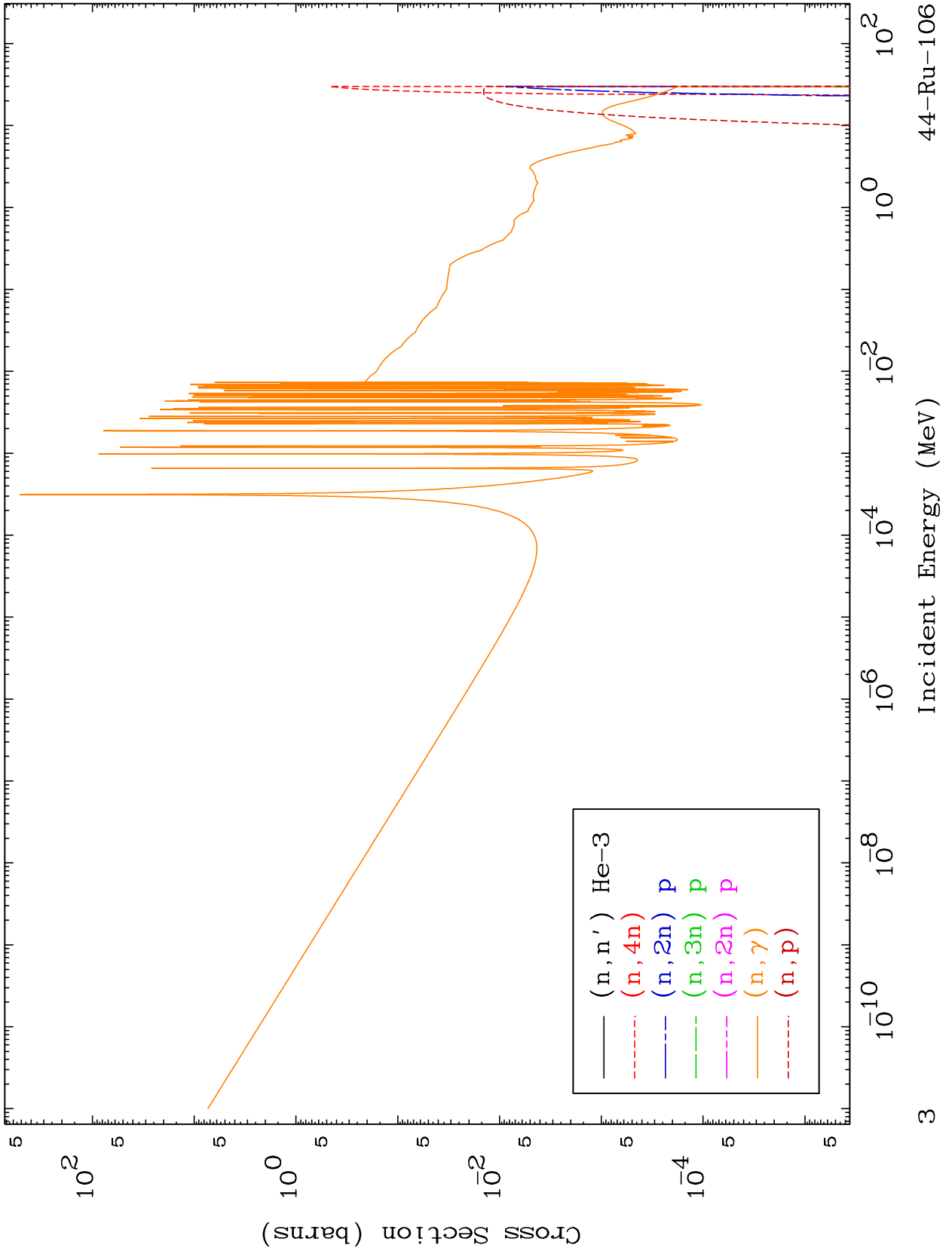
Incident Energy (MeV)

44-Ru-106

MAT 4455

Neutron Absorption
293 Kelvin Cross Sections

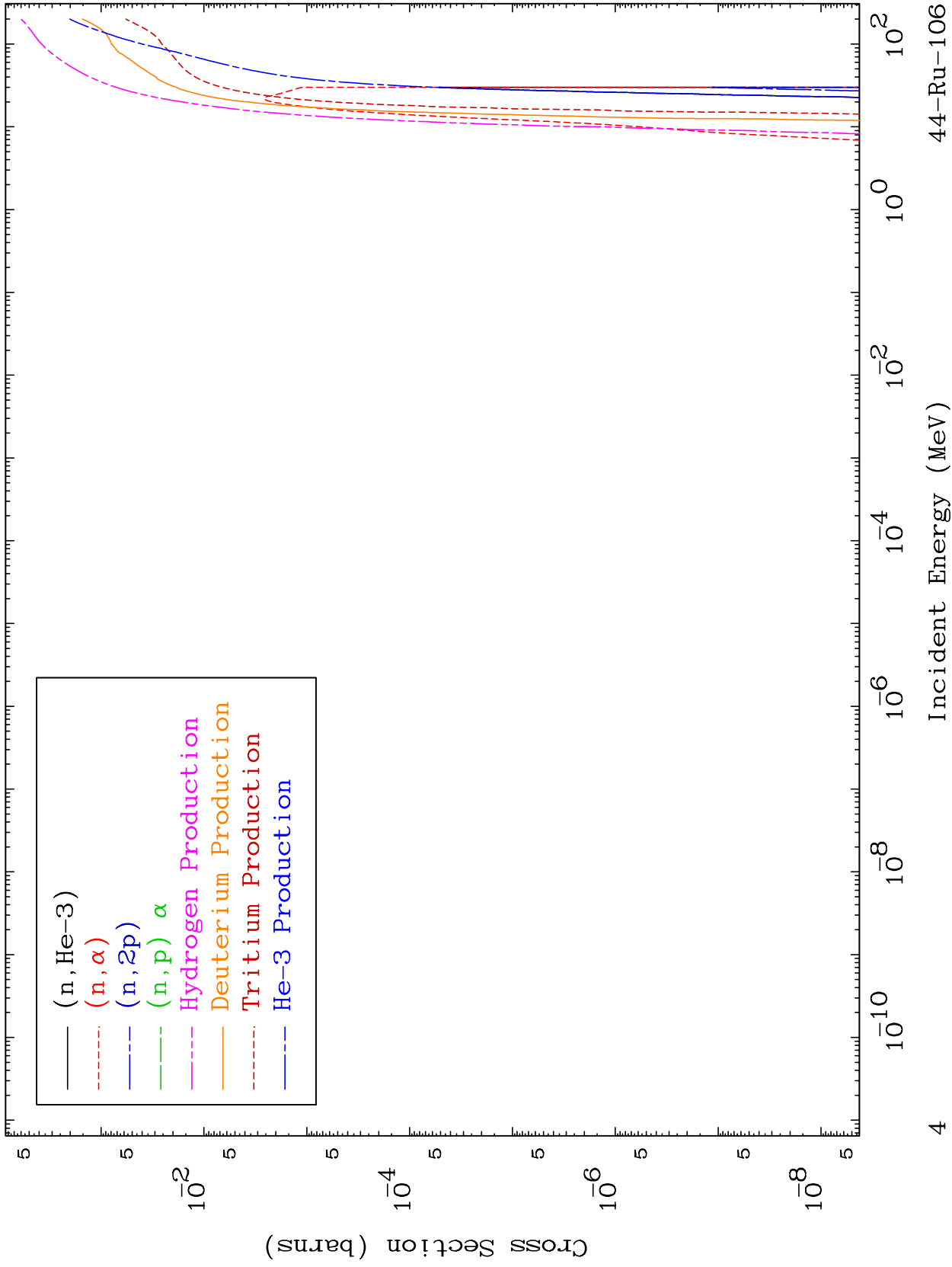
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MAT 4455

Neutron Absorption
293 Kelvin Cross Sections

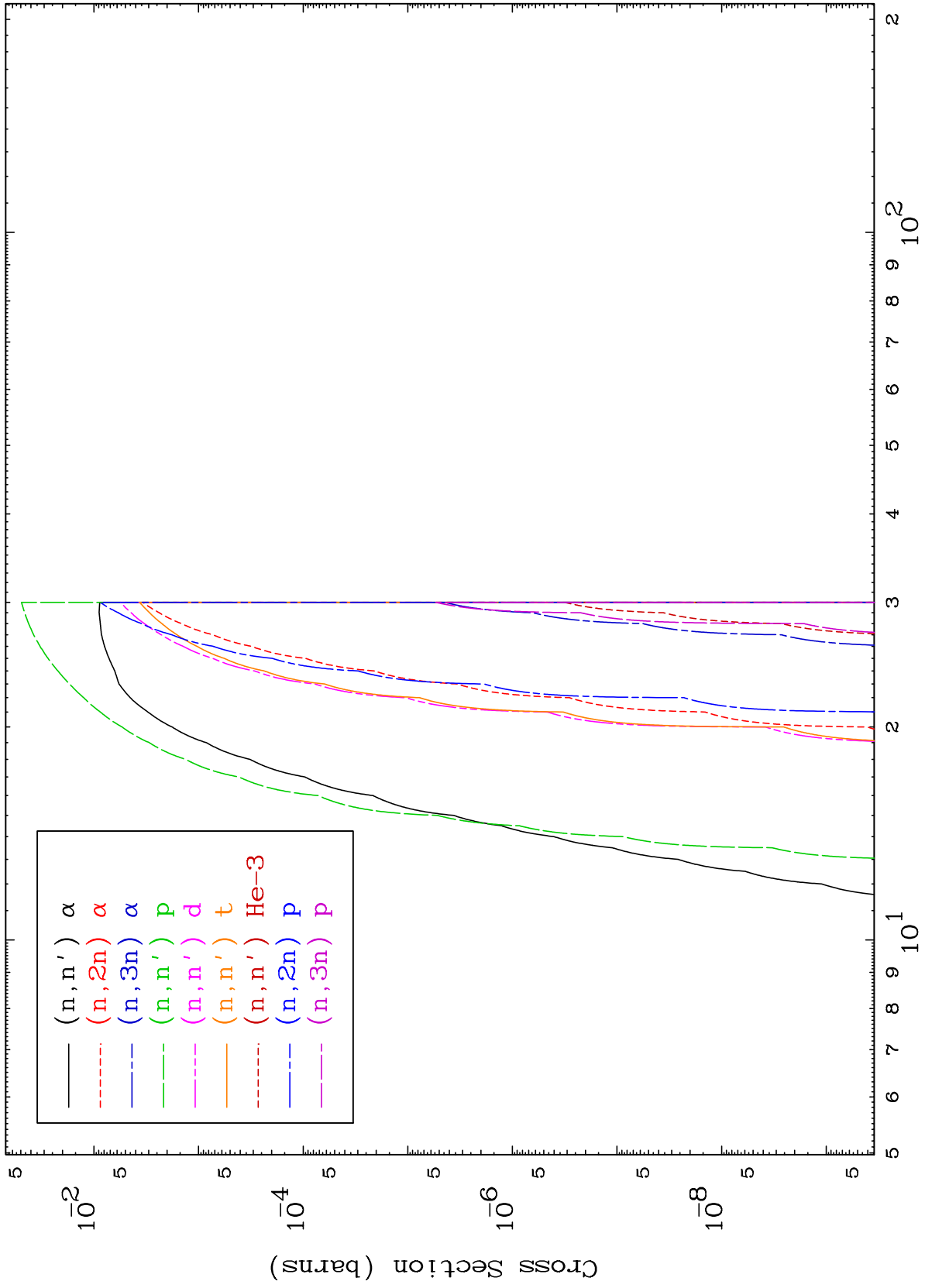
44-Ru-106



MAT 4455

Charged Particle
293 Kelvin Cross Sections

44-Ru-106



5

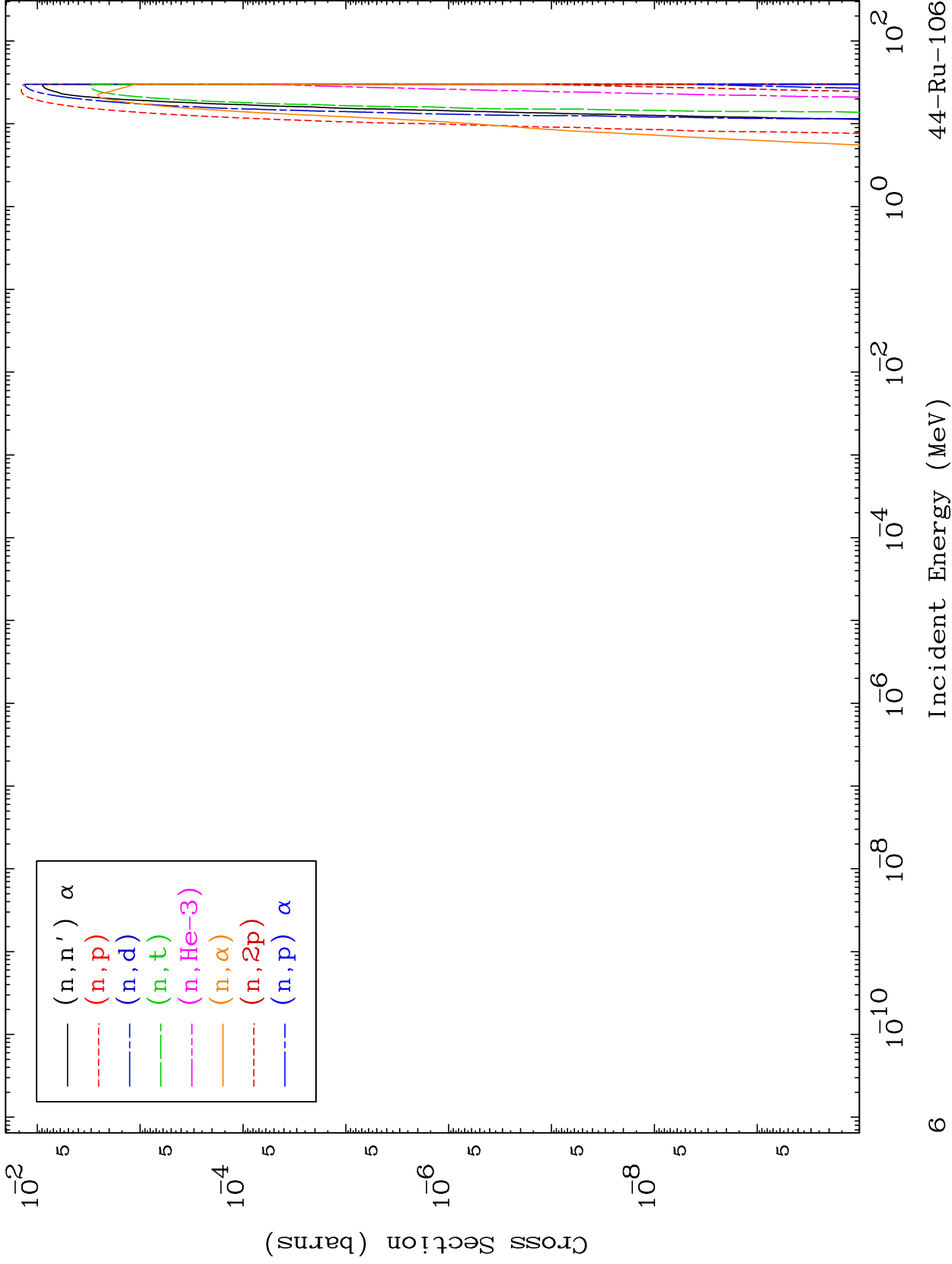
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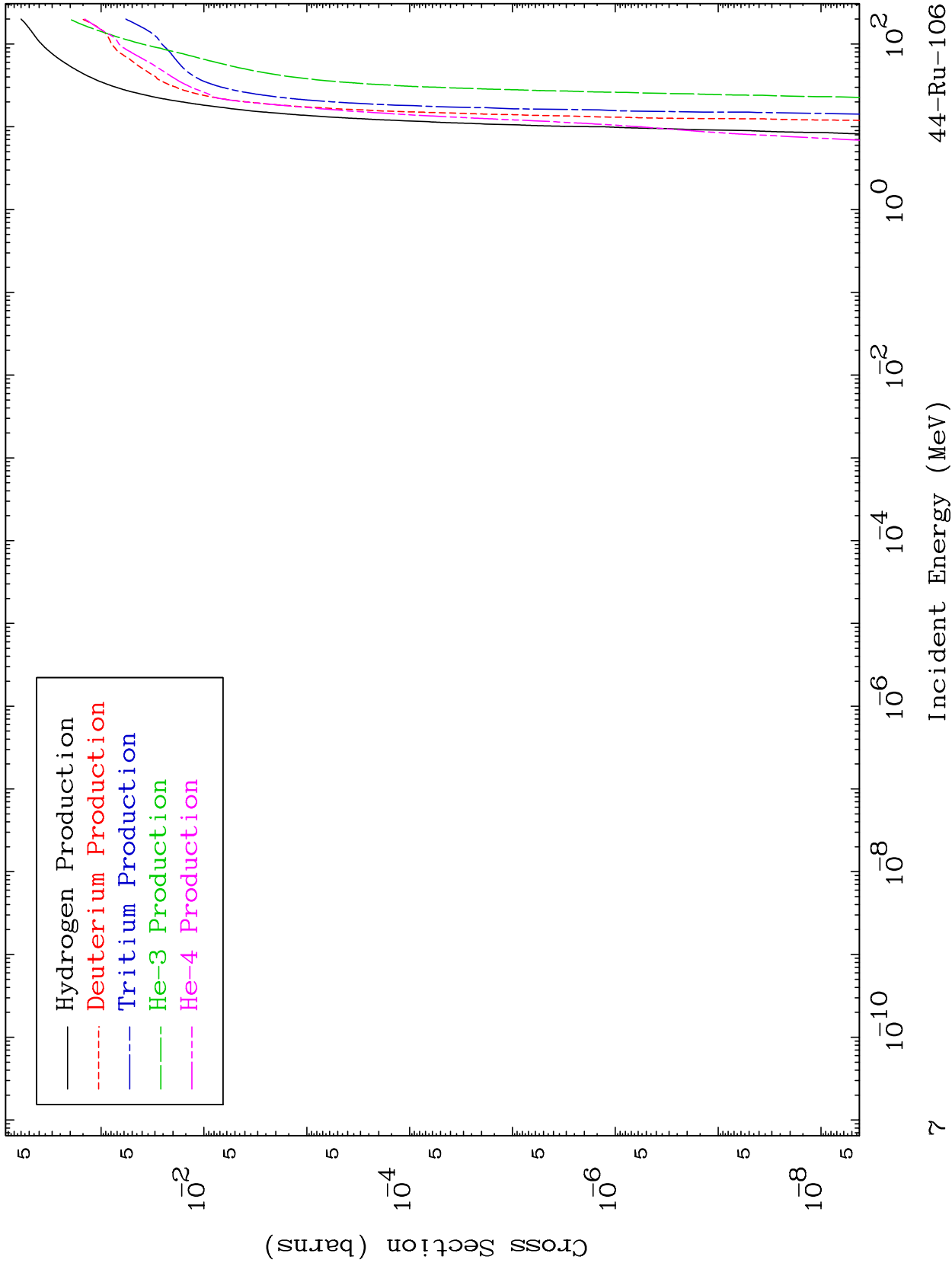
44-Ru-106

MAT 4455

Charged Particle
293 Kelvin Cross Sections

44-Ru-106



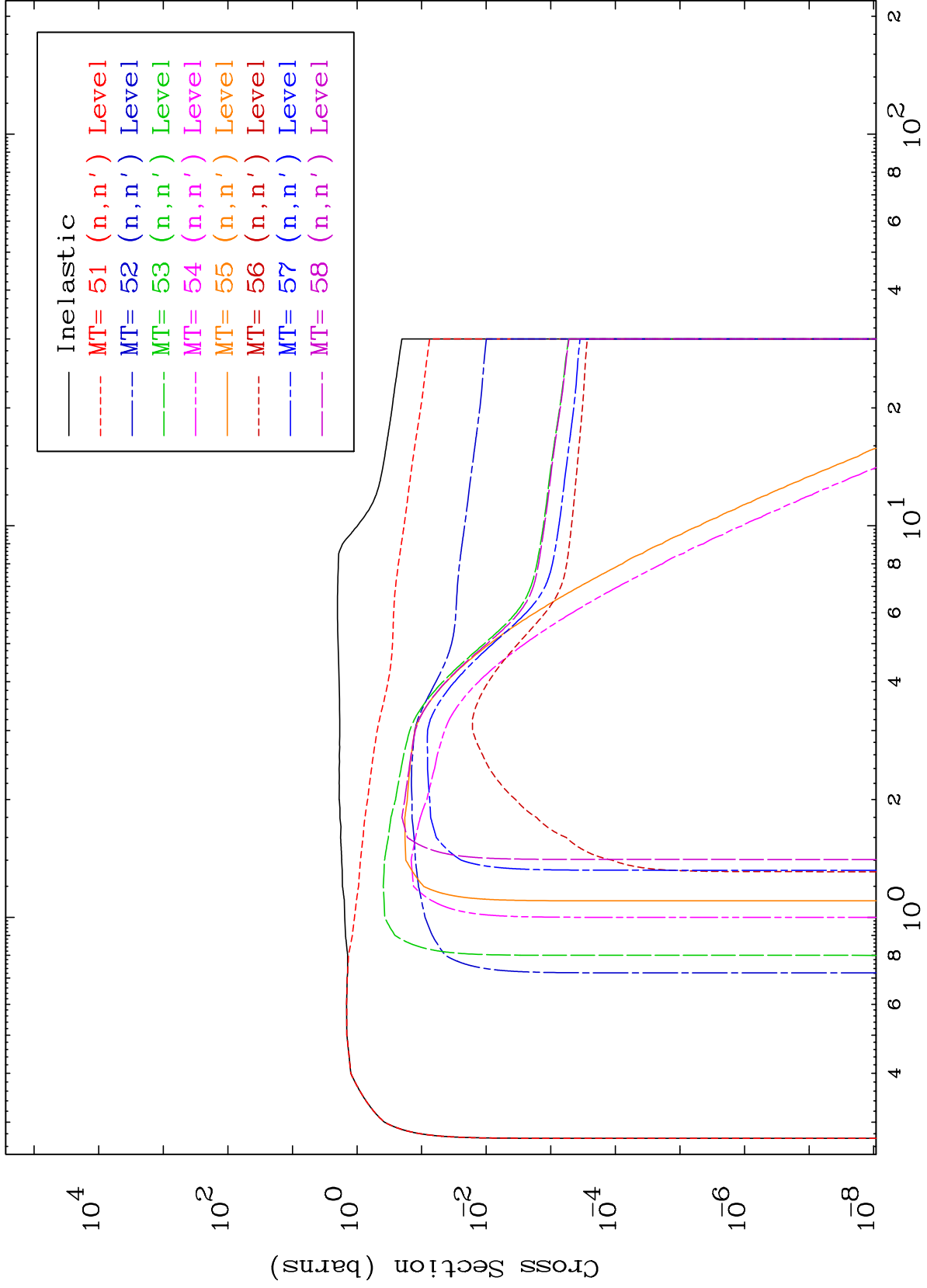


MAT 4455

(n,n') Levels

44-Ru-106

293 Kelvin Cross Sections



8

Incident Energy (MeV)

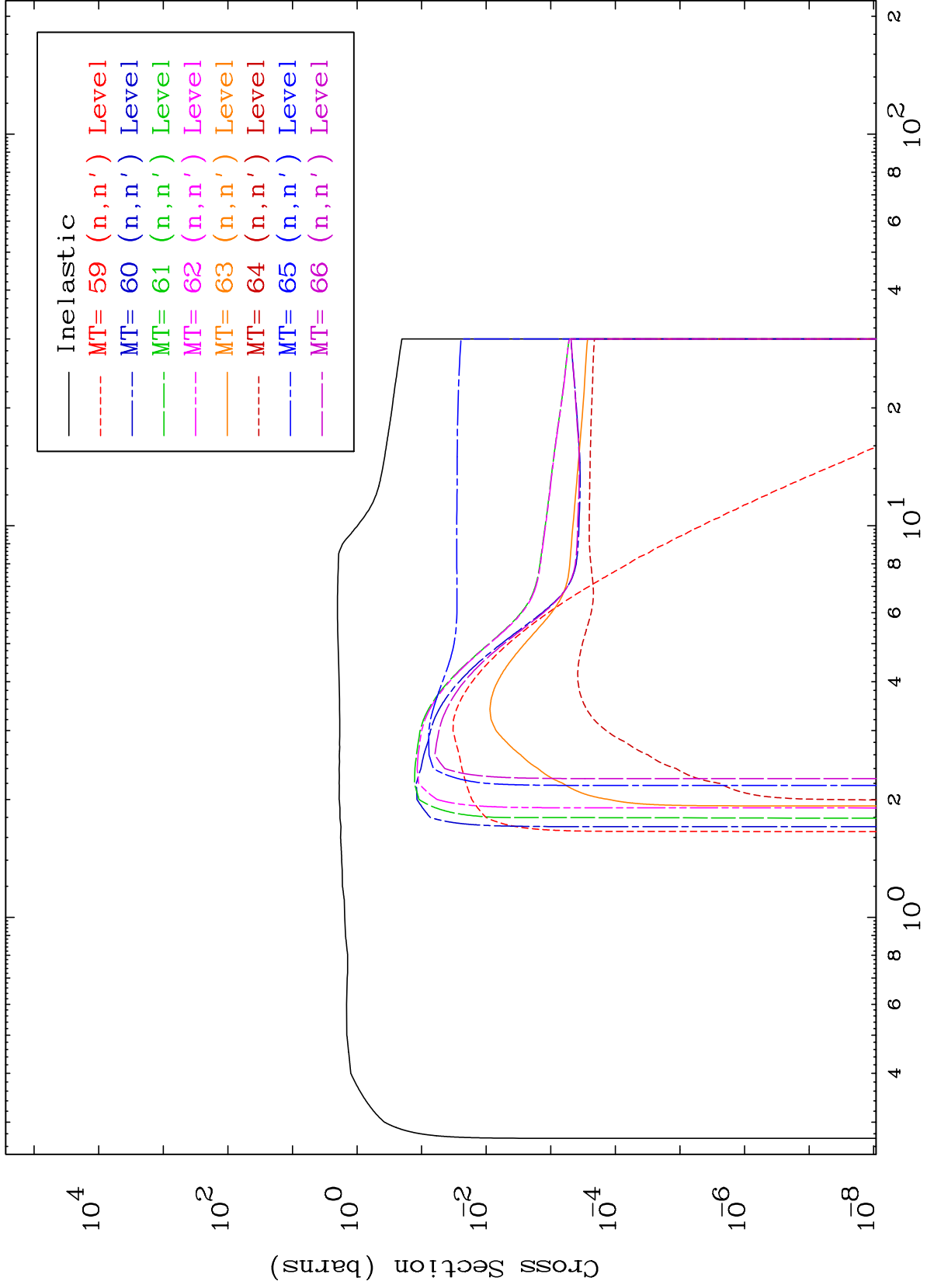
44-Ru-106

MAT 4455

(n,n') Levels

44-Ru-106

293 Kelvin Cross Sections

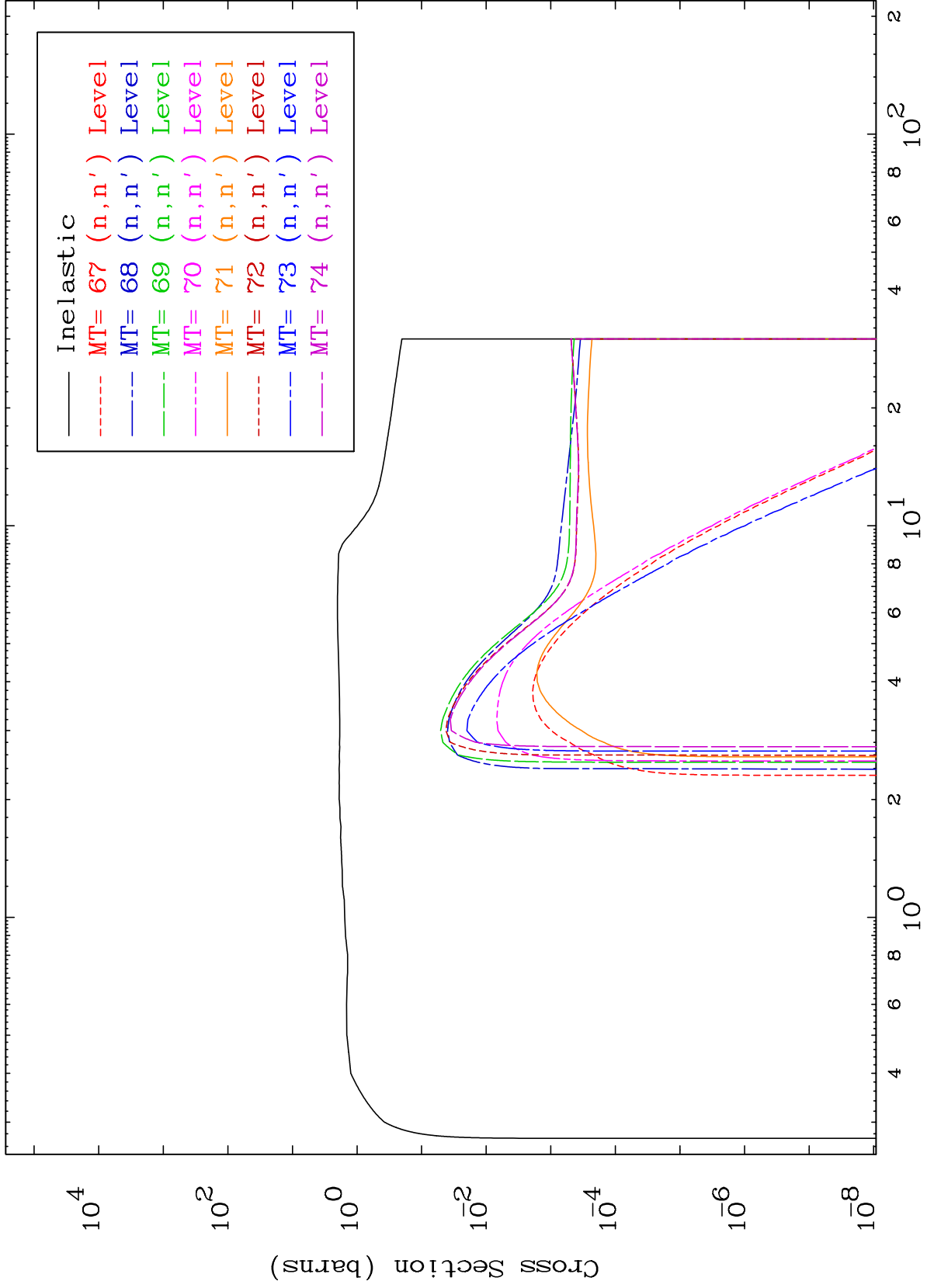


MAT 4455

(n,n') Levels

44-Ru-106

293 Kelvin Cross Sections

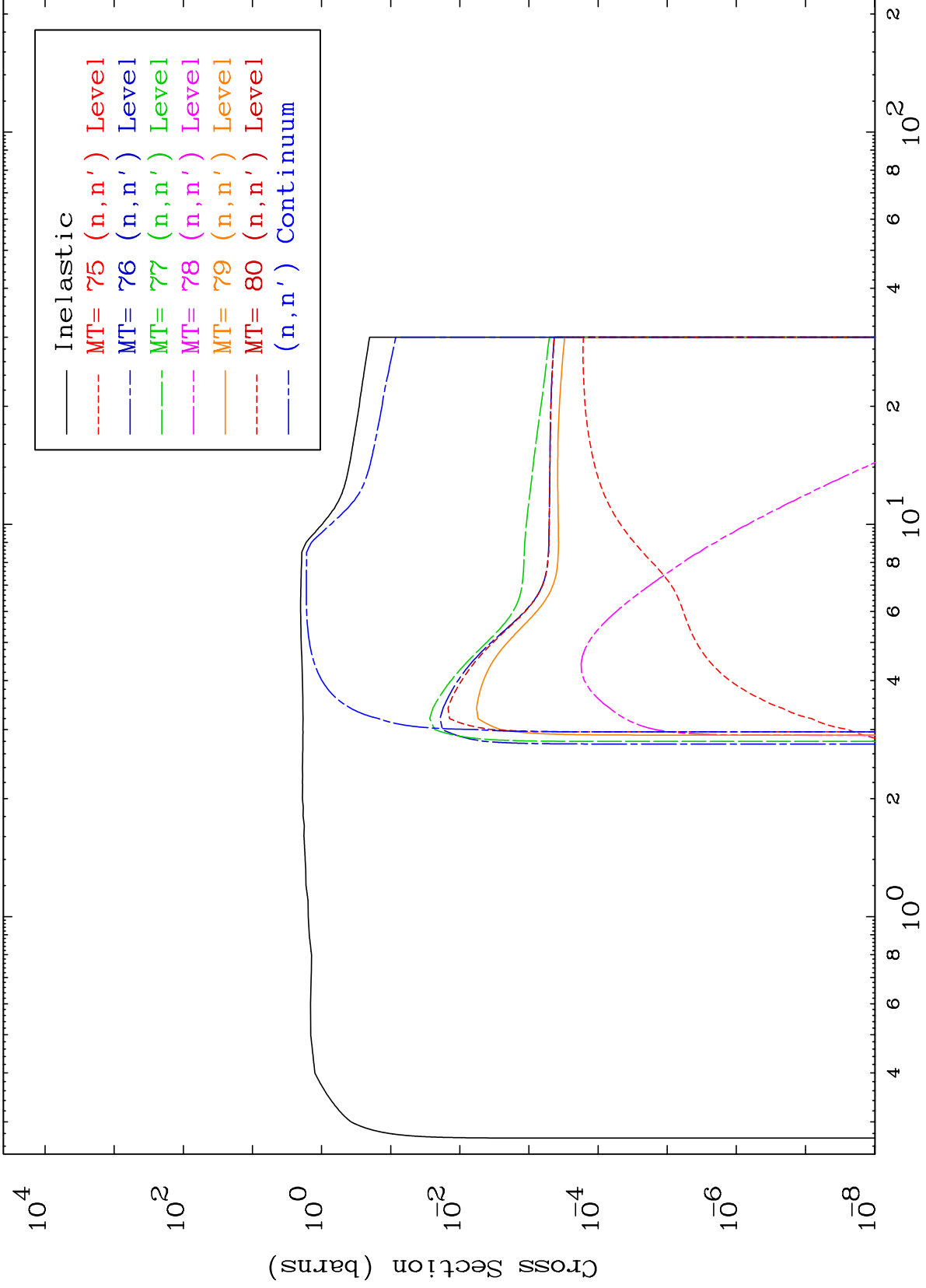


10

Incident Energy (MeV)

44-Ru-106

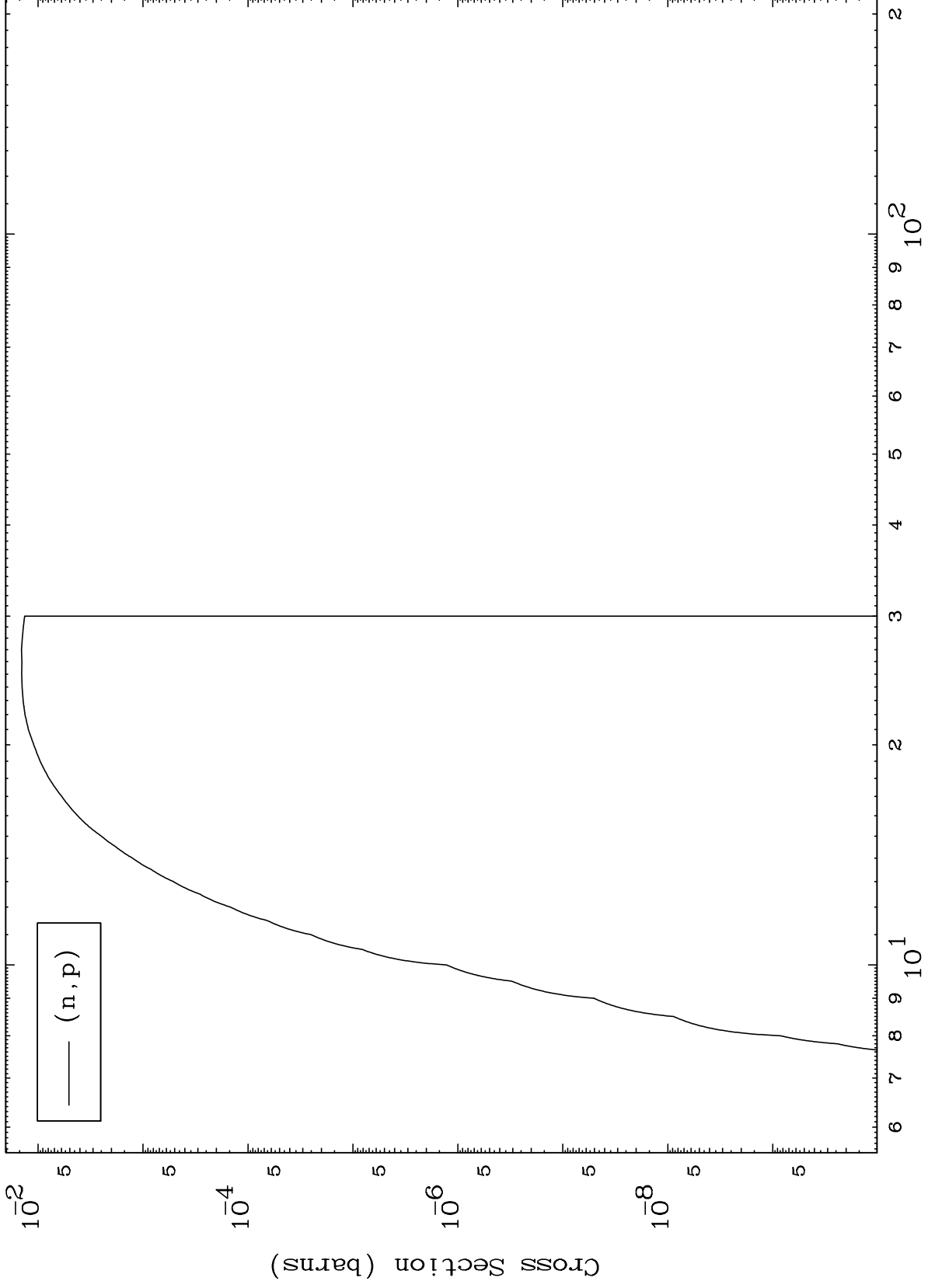
293 Kelvin Cross Sections



MAT 4455

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-106



12

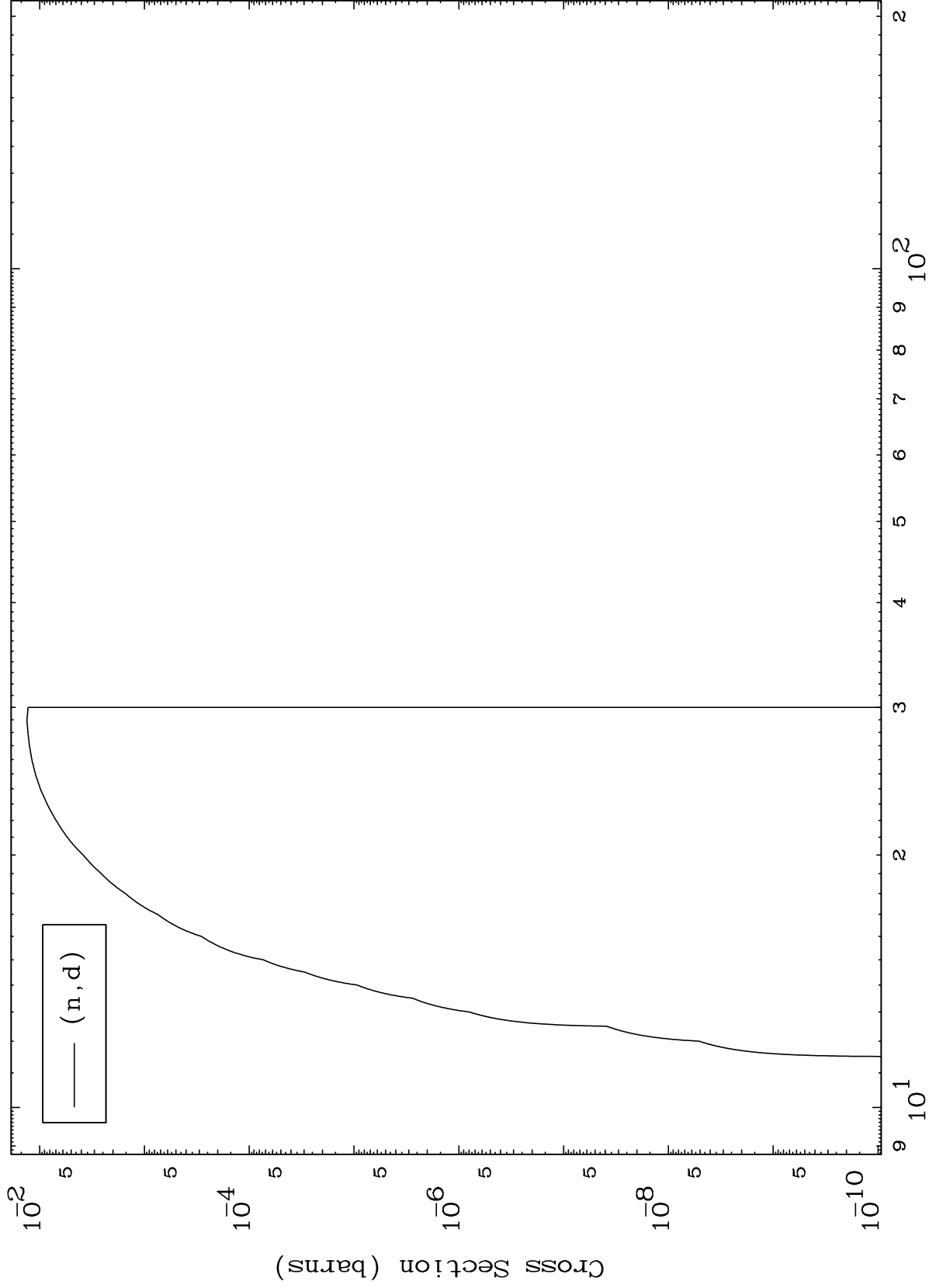
Incident Energy (MeV)

44-Ru-106

MAT 4455

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-106



13

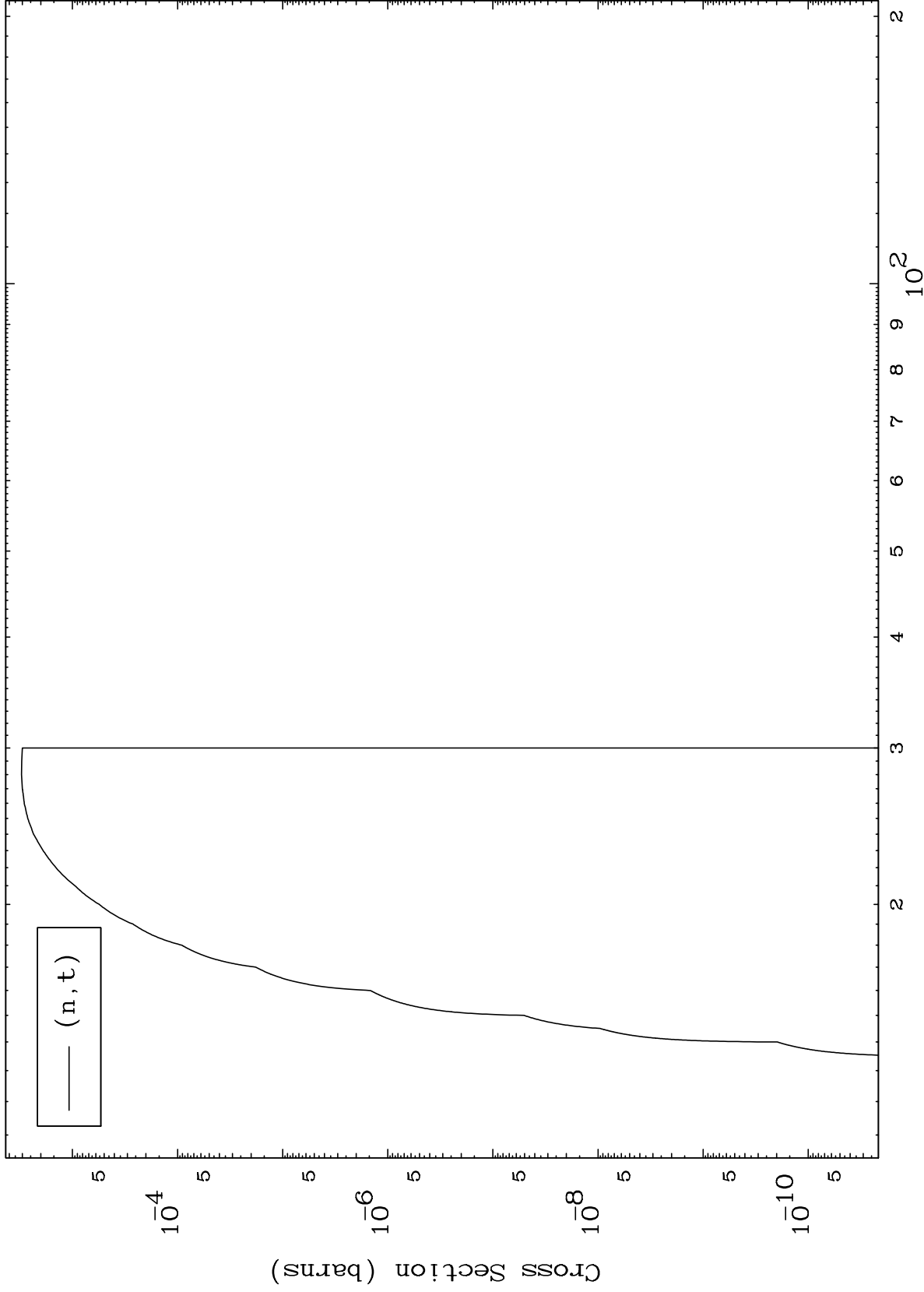
Incident Energy (MeV)

44-Ru-106

MAT 4455

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-106



14

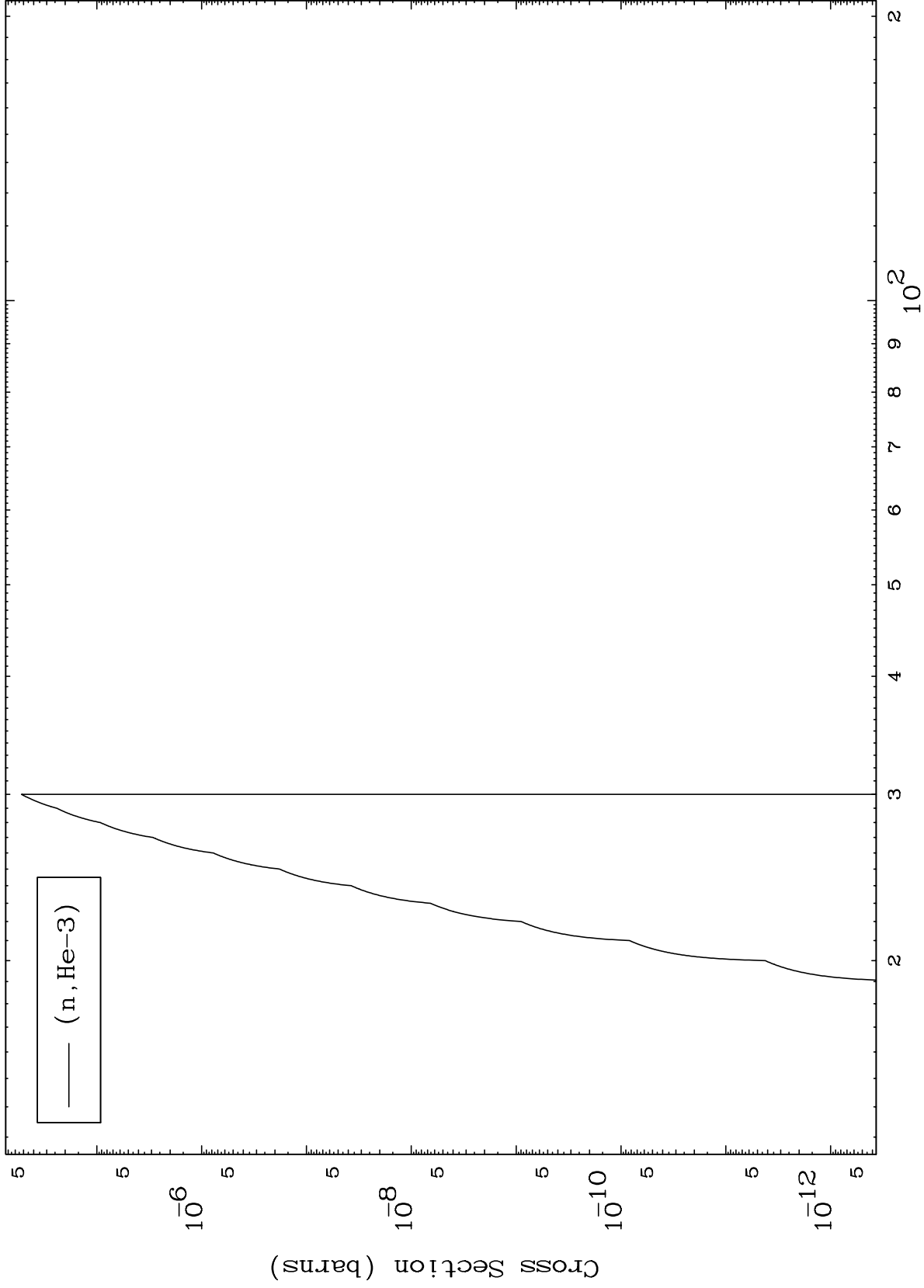
Incident Energy (MeV)

44-Ru-106

MAT 4455

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-106



15

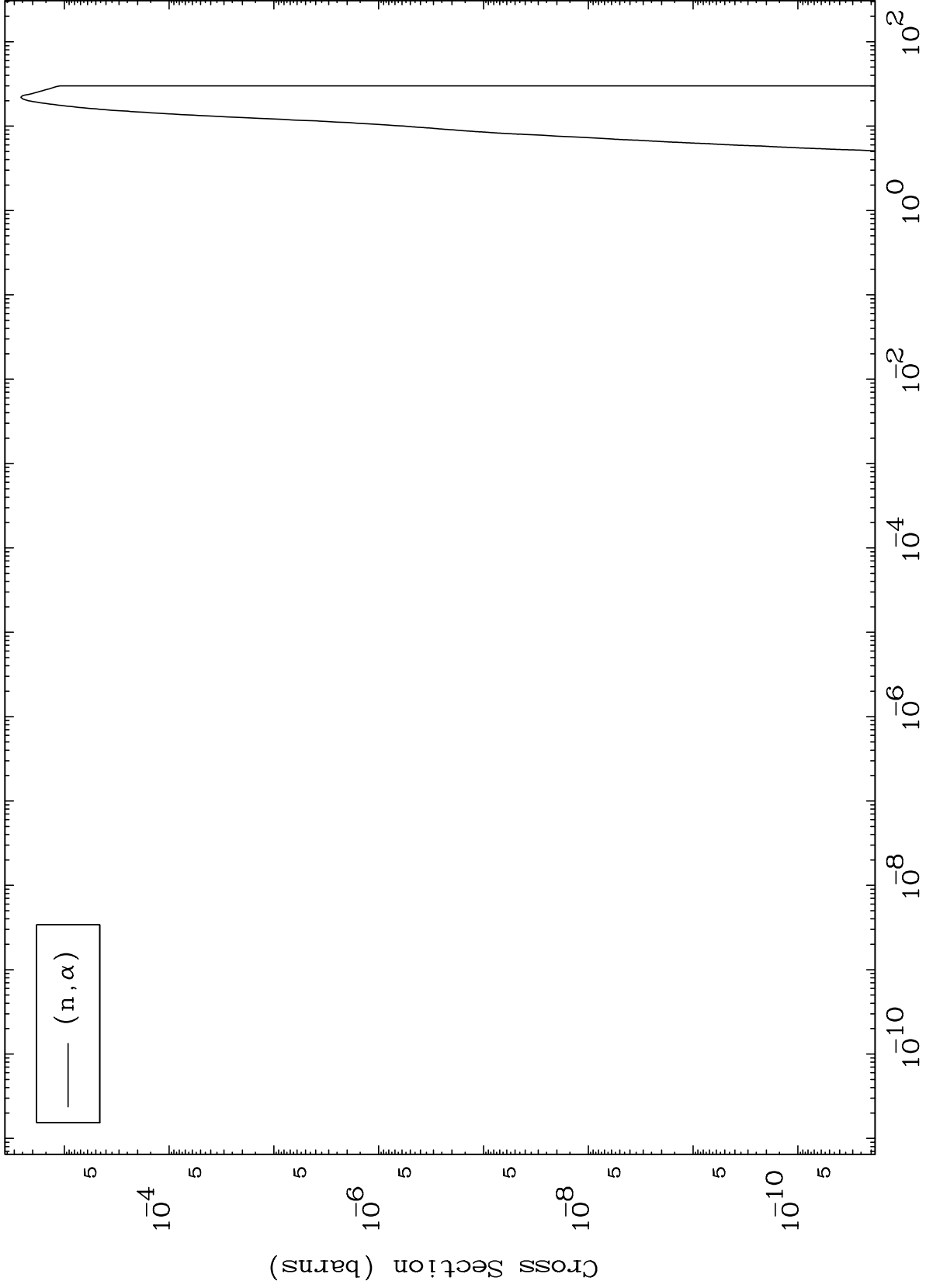
Incident Energy (MeV)

44-Ru-106

MAT 4455

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-106



16

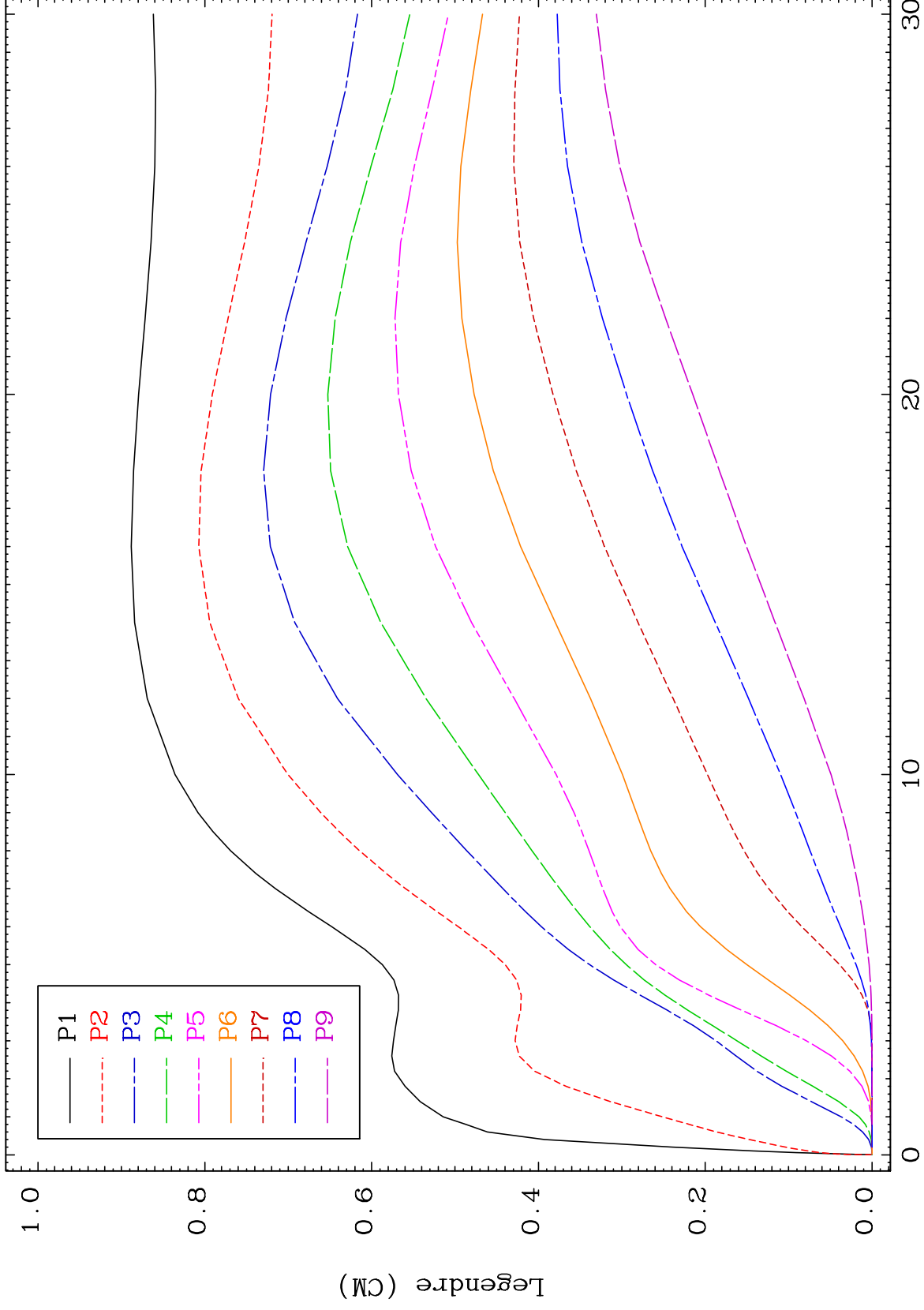
Incident Energy (MeV)

44-Ru-106

MAT 4455

Elastic Legendre Coefficients

44-Ru-106



17

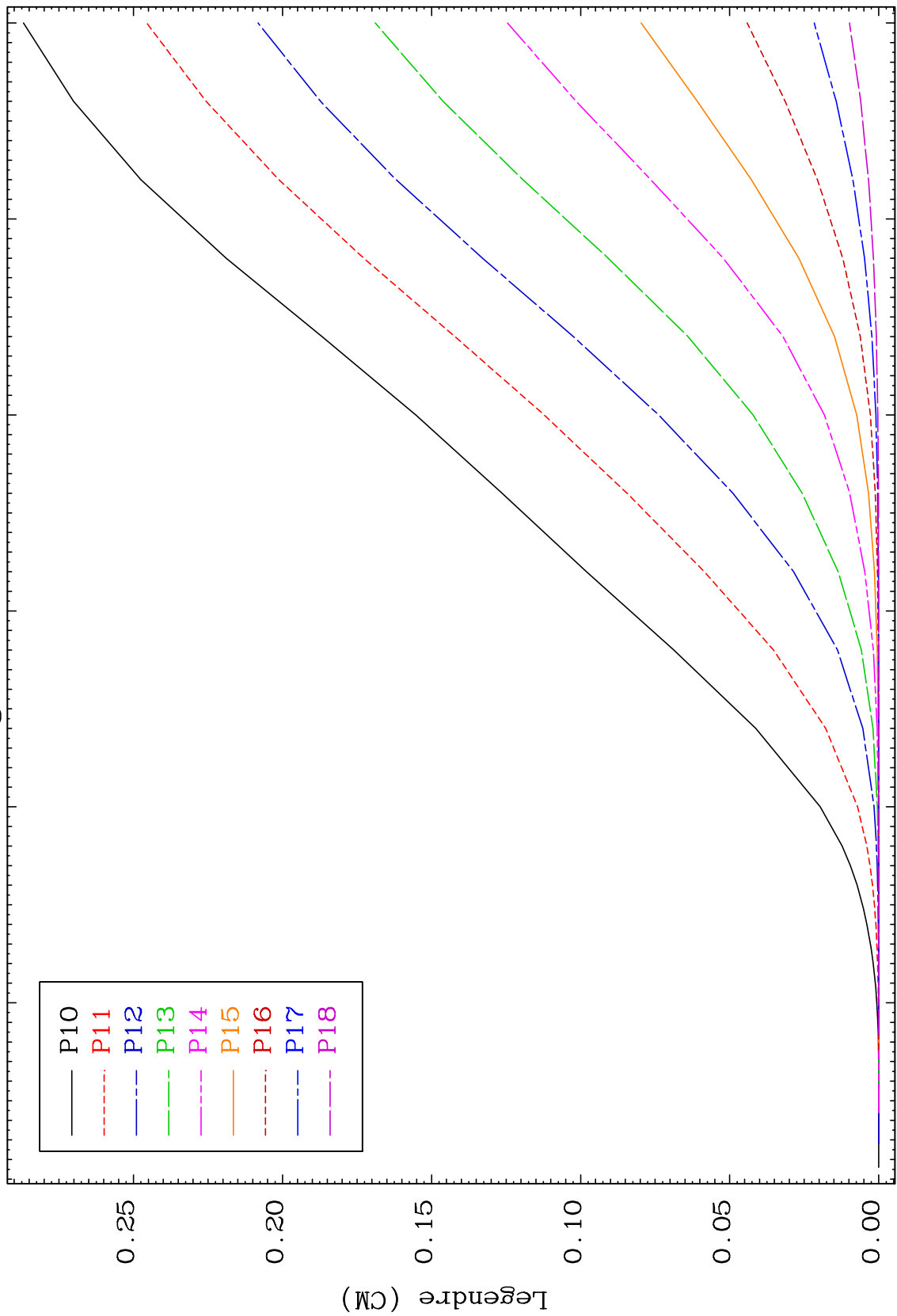
Incident Energy (MeV)

44-Ru-106

MAT 4455

Elastic Legendre Coefficients

44-Ru-106



18

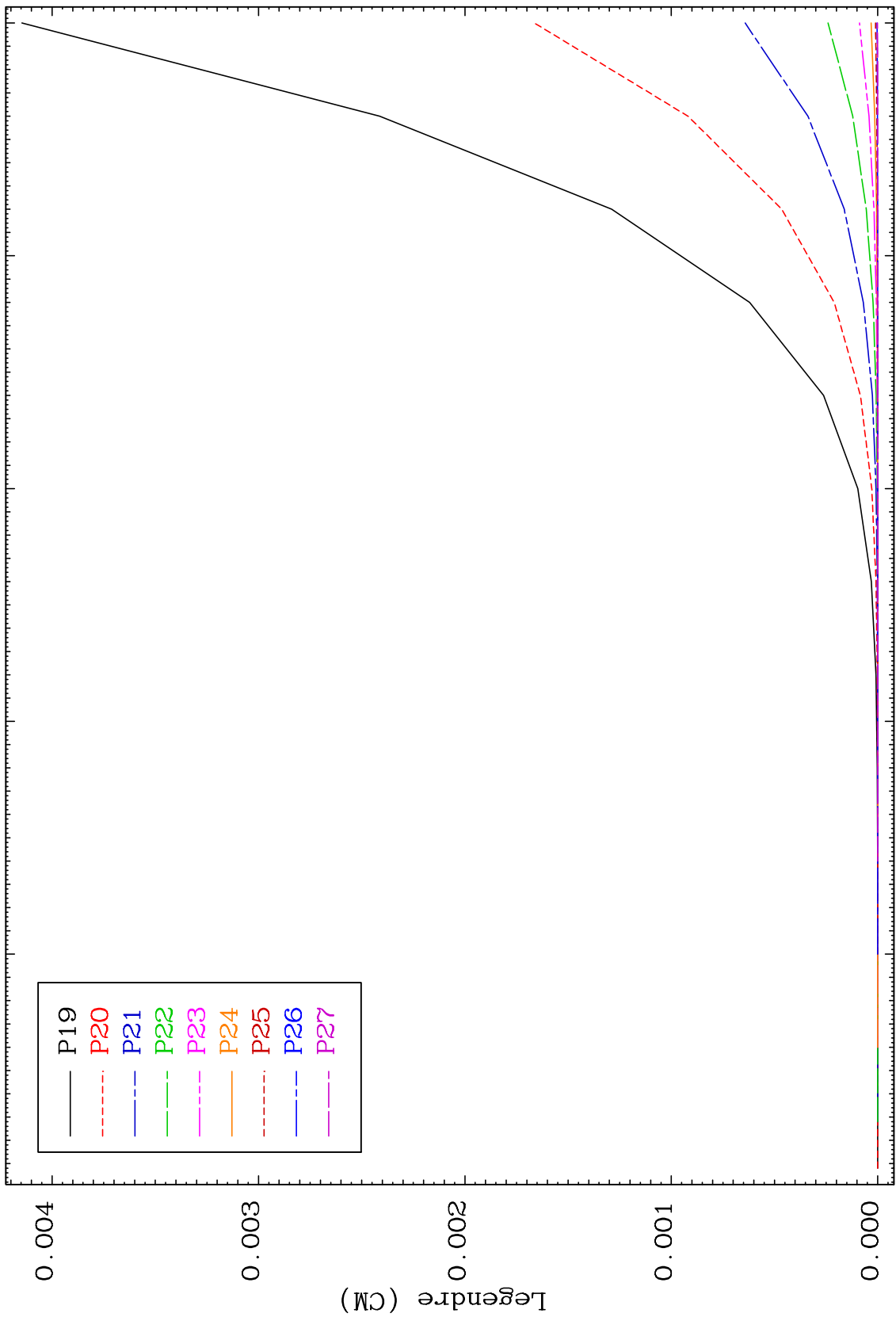
Incident Energy (MeV)

44-Ru-106

MAT 4455

Elastic
Legendre Coefficients

44-Ru-106



19

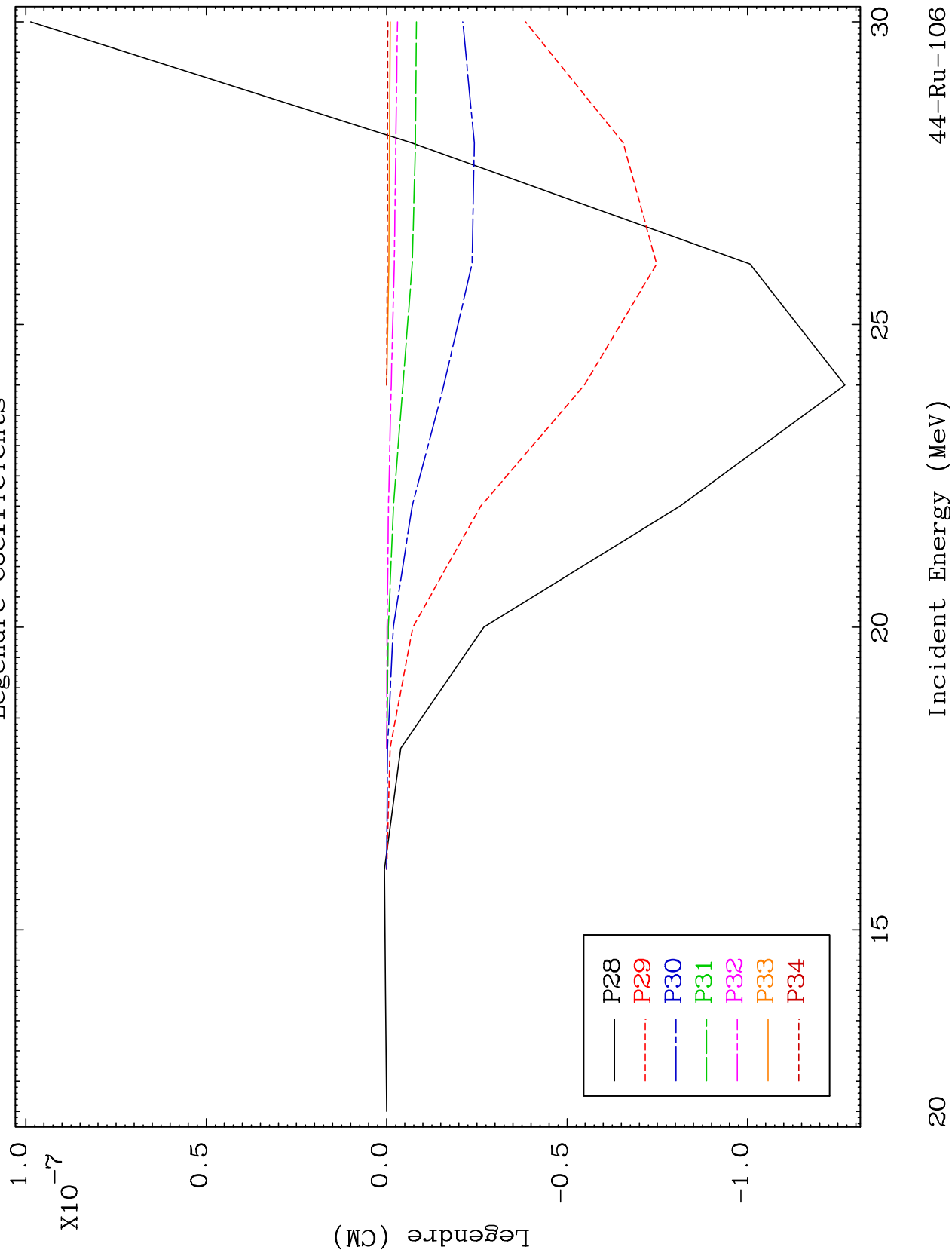
Incident Energy (MeV)

44-Ru-106

MAT 4455

Elastic Legendre Coefficients

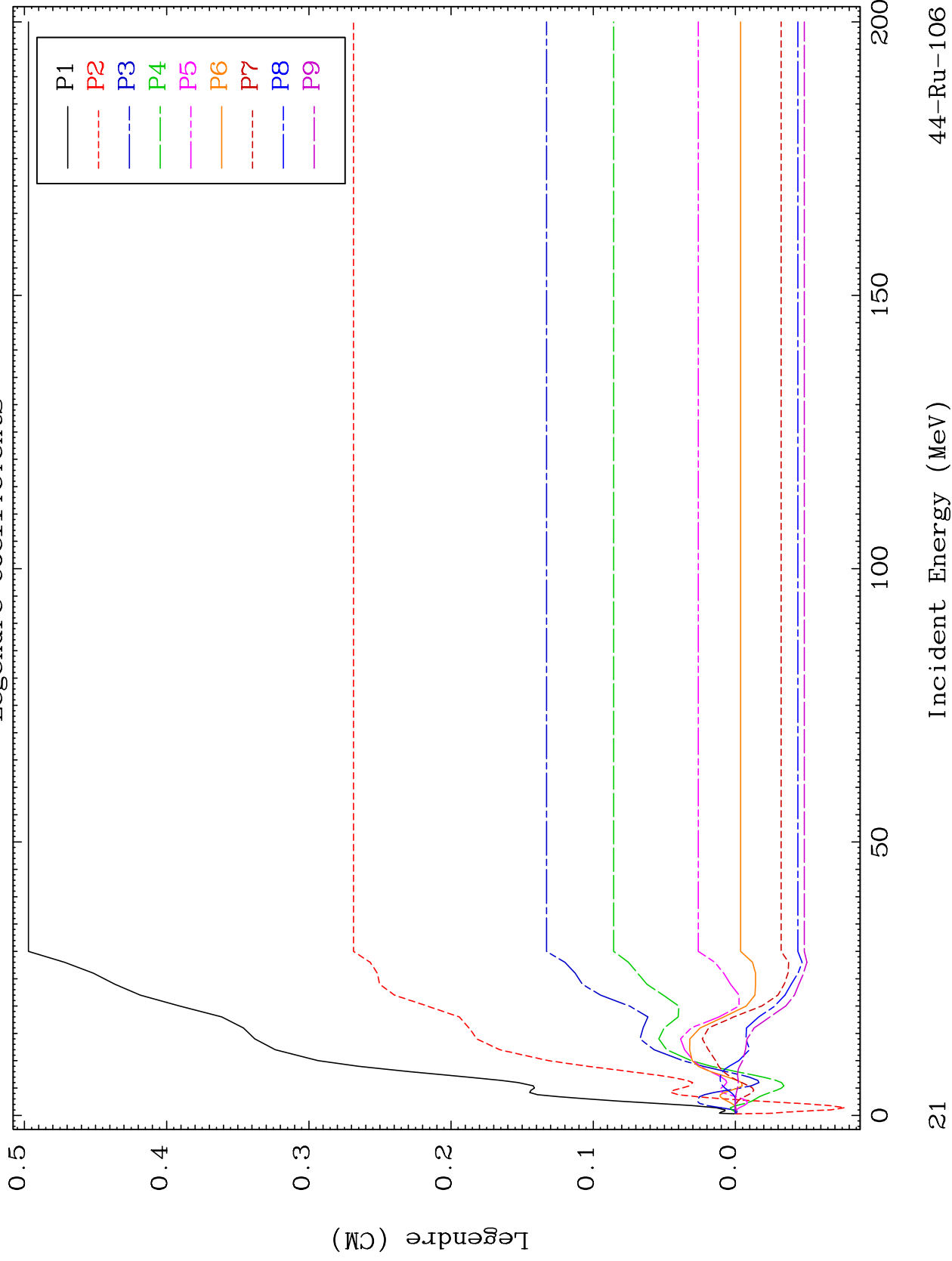
44-Ru-106



MAT 4455

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

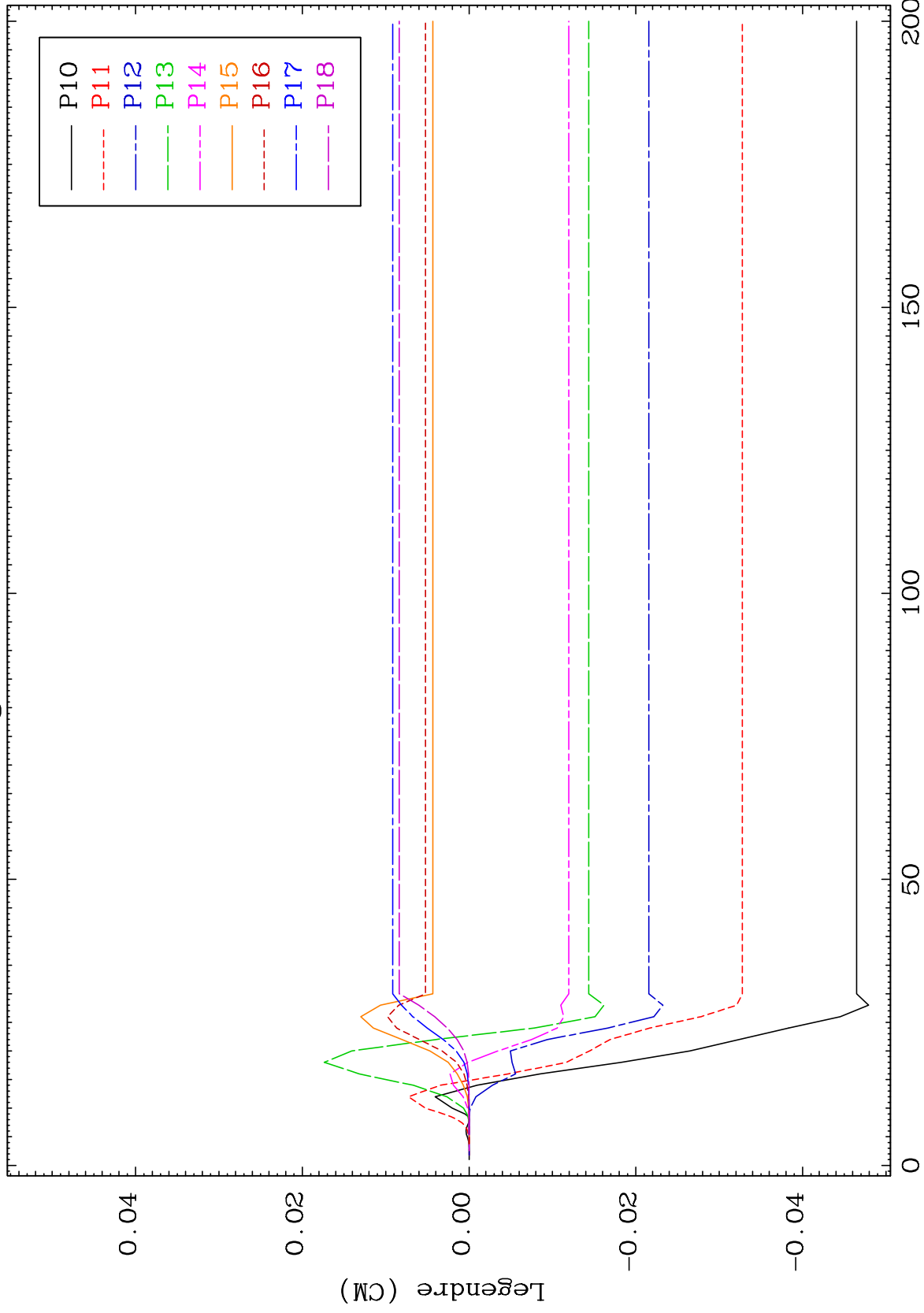
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MAT 4455

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

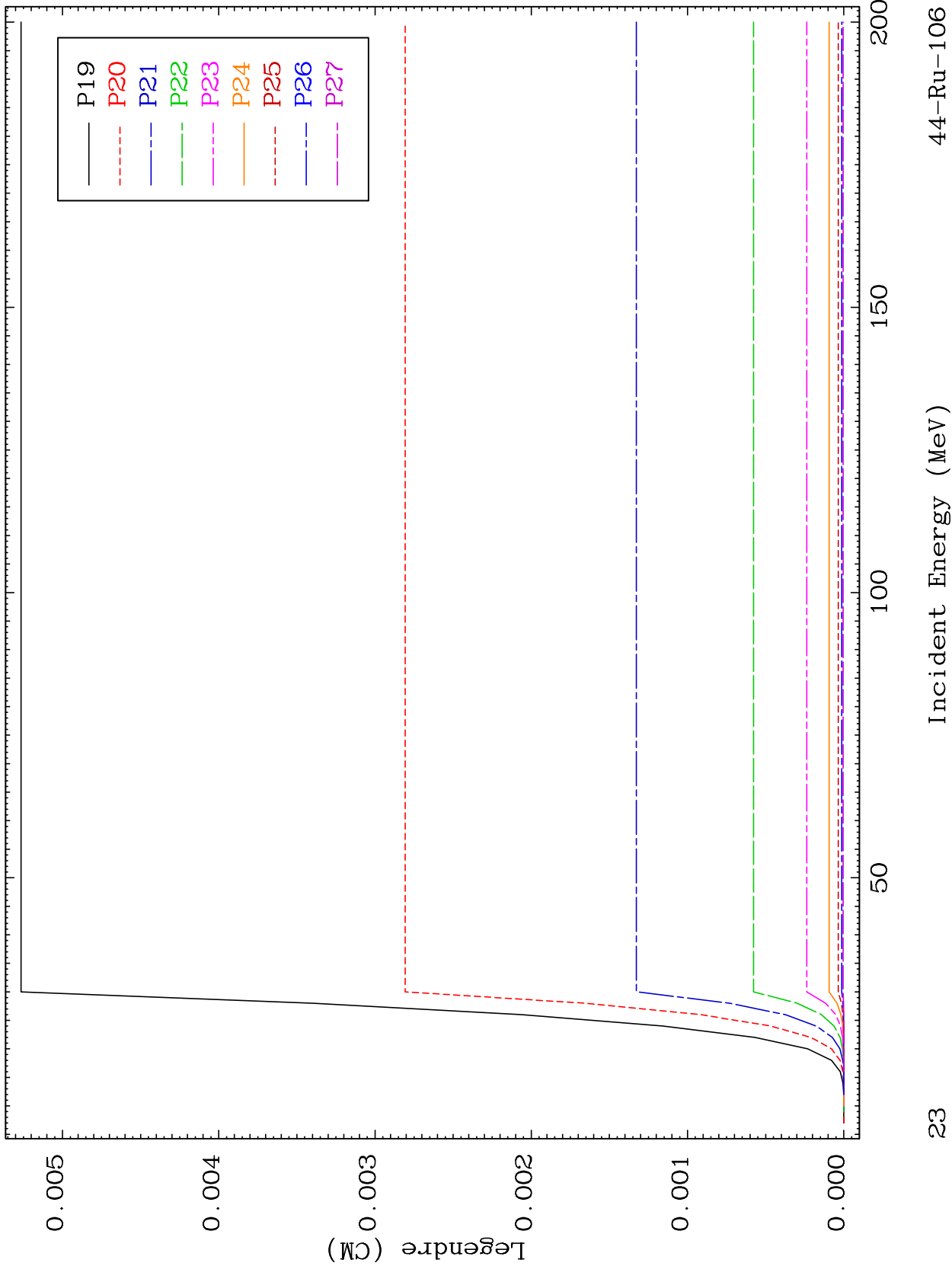
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22

Incident Energy (MeV)

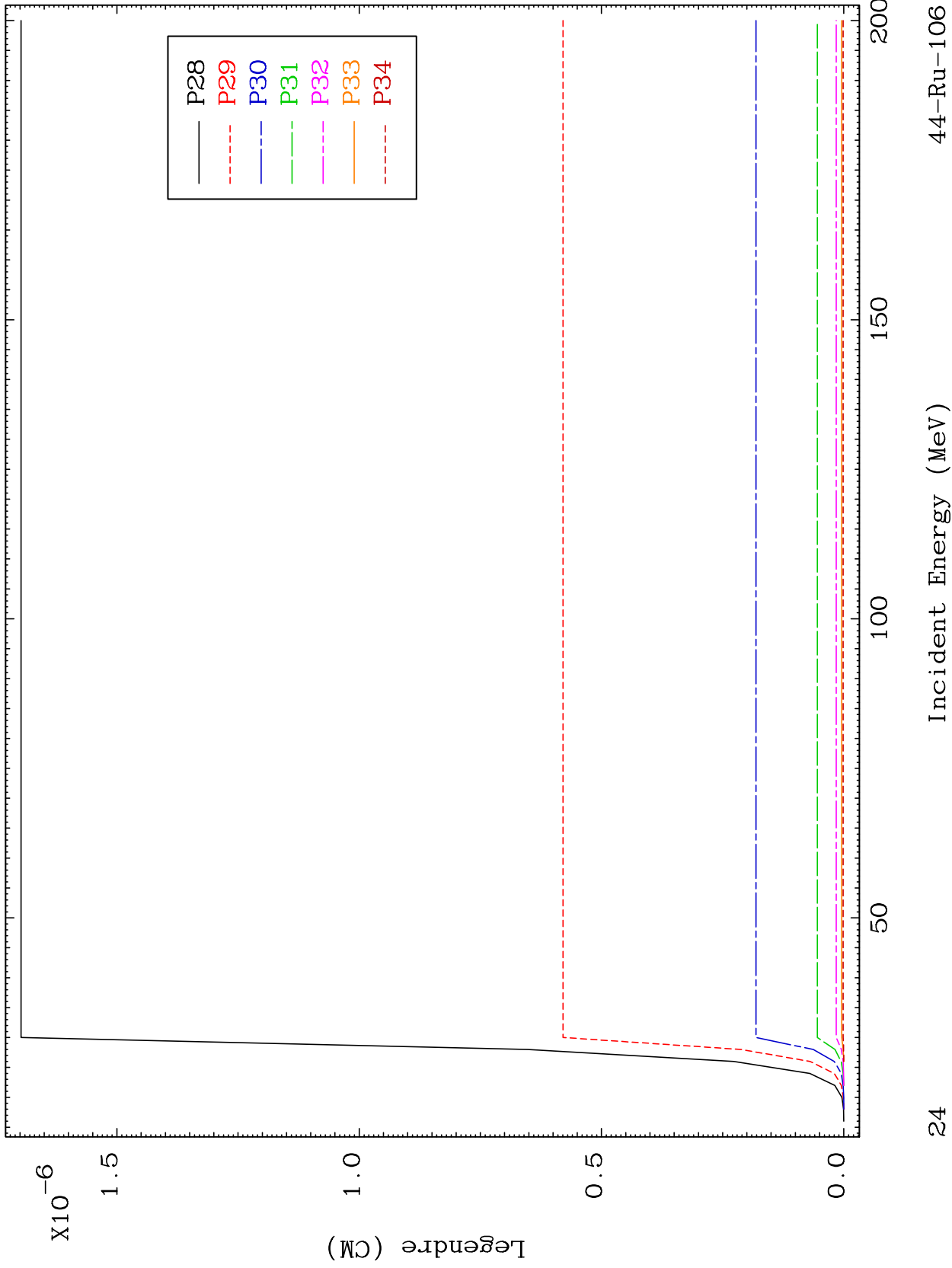
44-Ru-106



MAT 4455

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

44-Ru-106

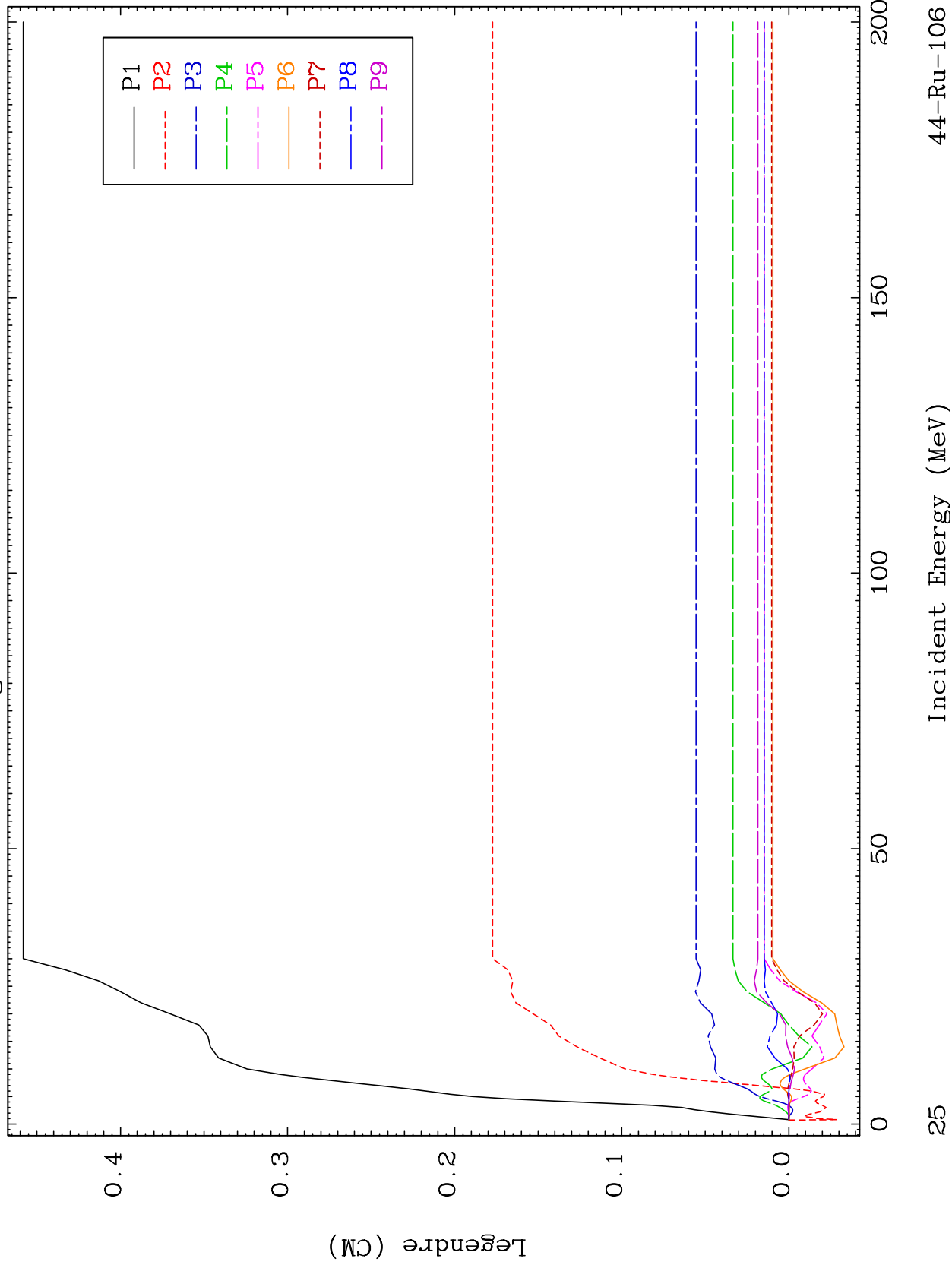


24

MAT 4455

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

44-Ru-106



44-Ru-106

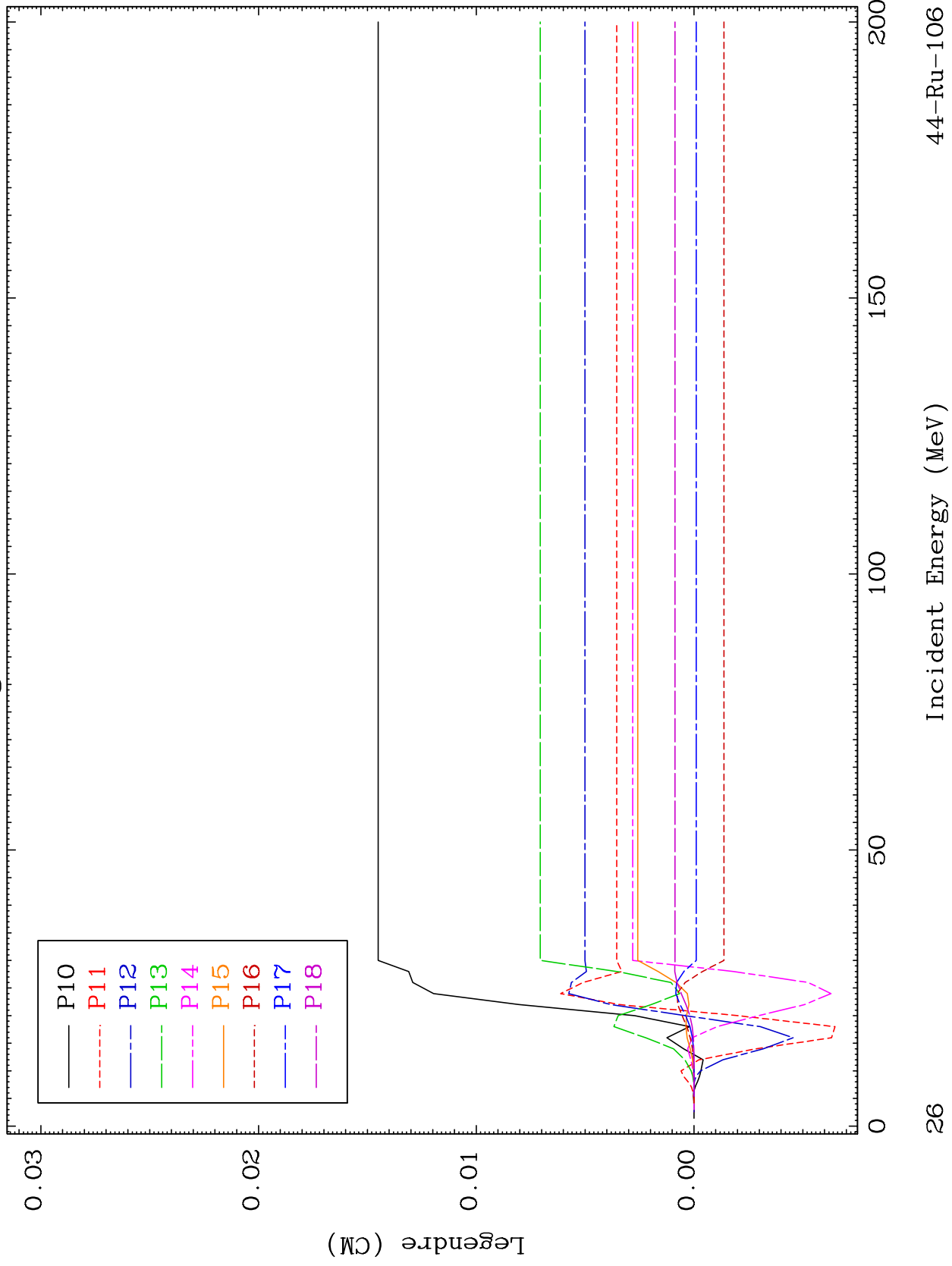
Incident Energy (MeV)

25

MAT 4455

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

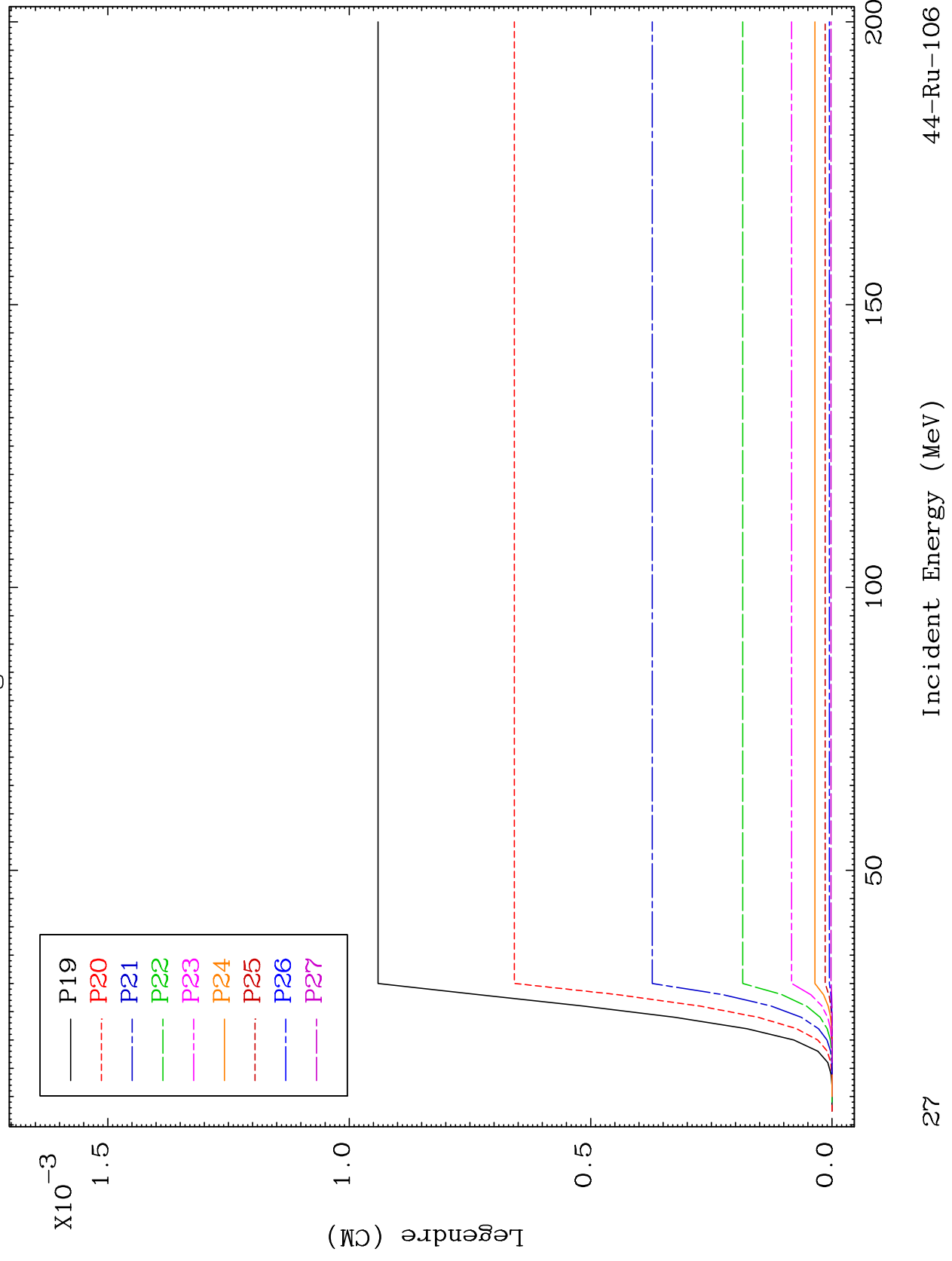
44-Ru-106



44-Ru-106

Incident Energy (MeV)

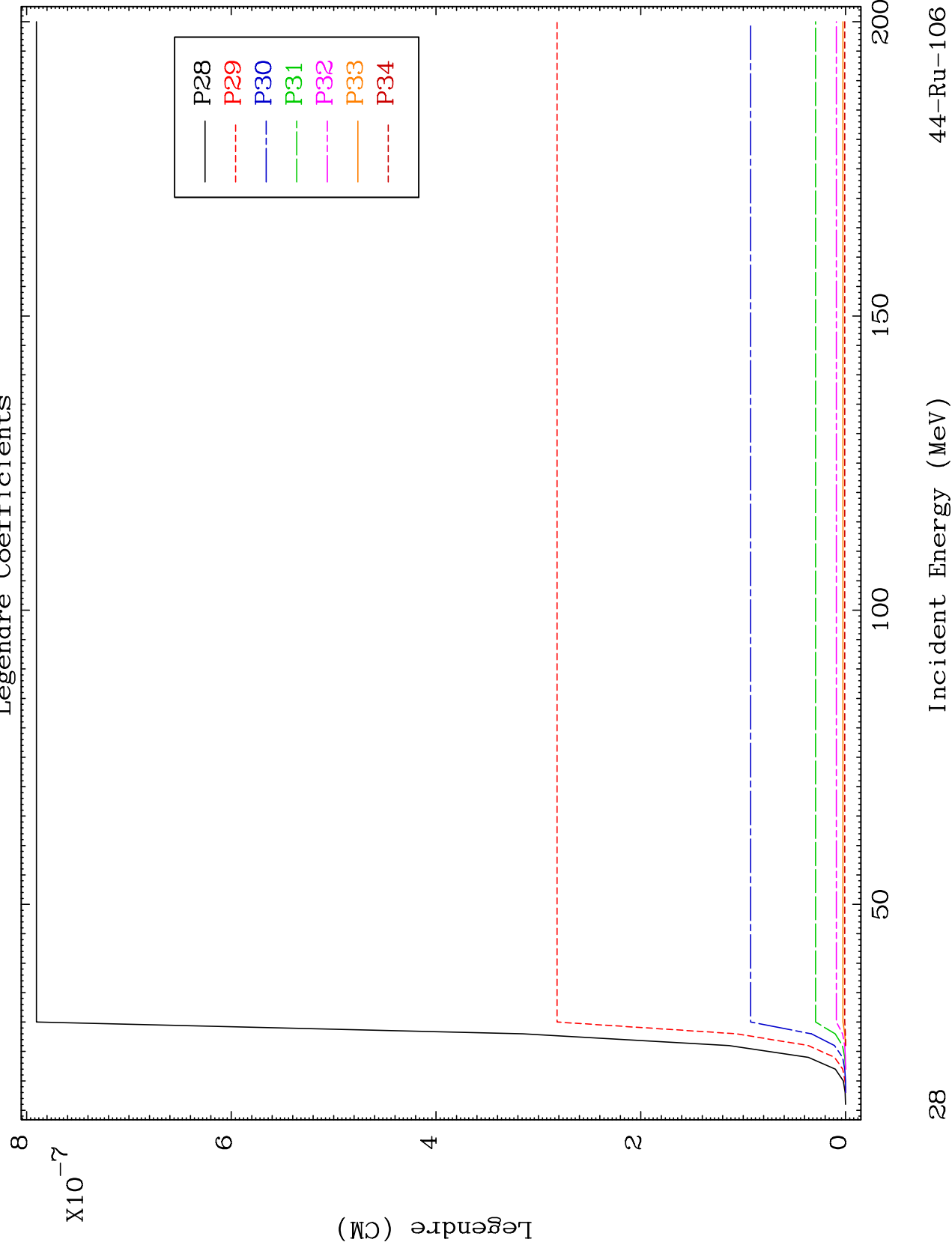
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MAT 4455

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

44-Ru-106



28

Incident Energy (MeV)

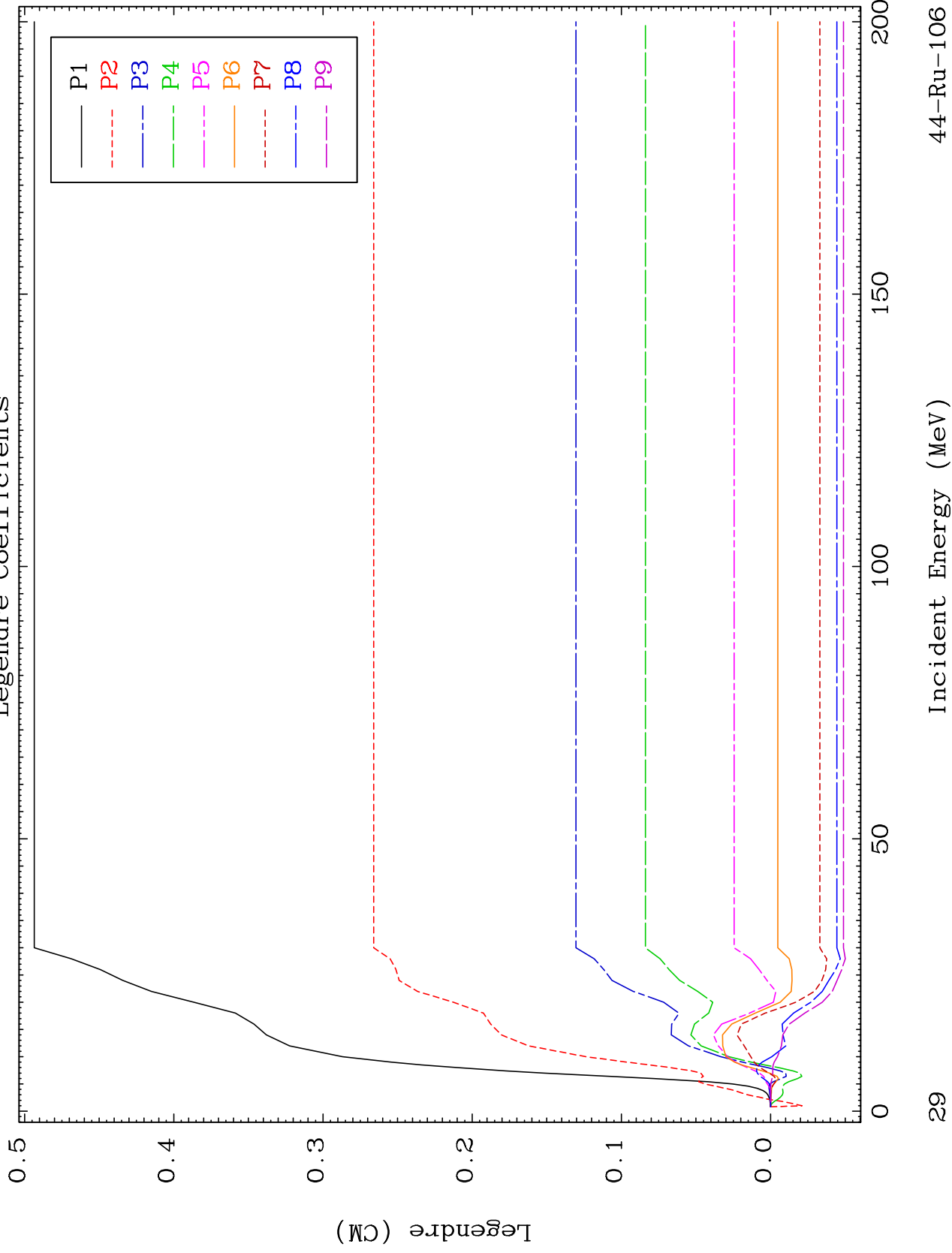
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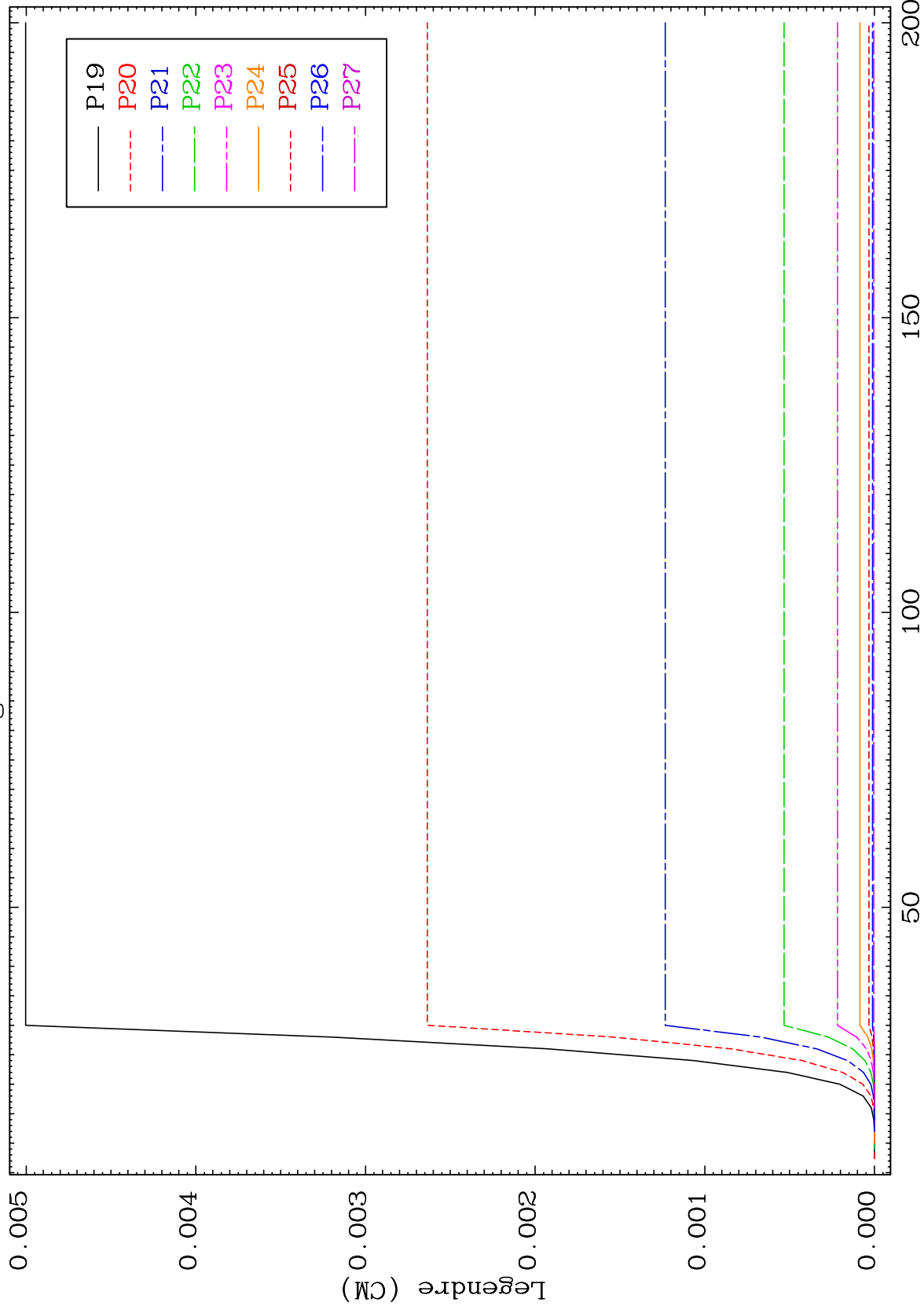
MAT 4455

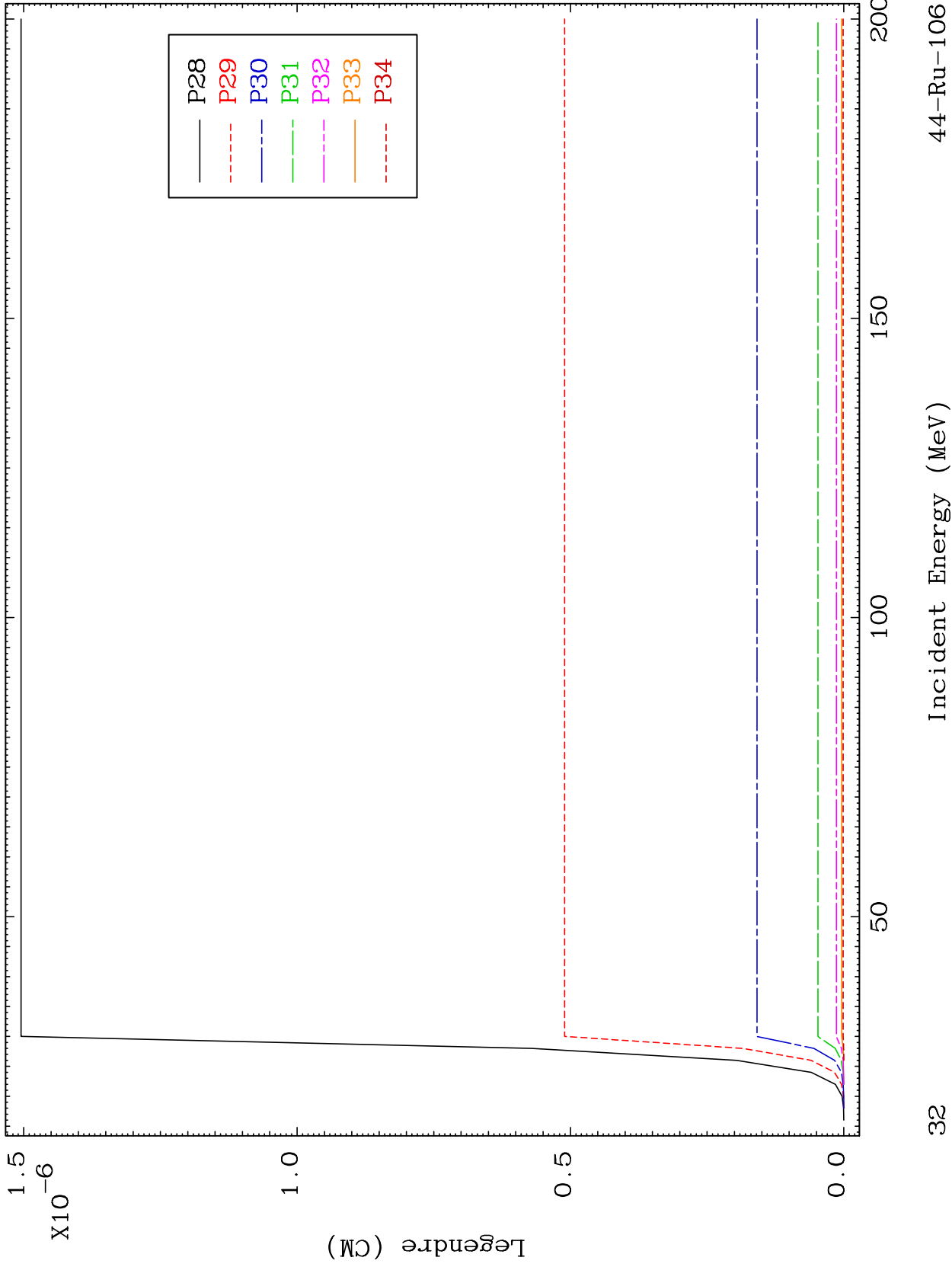
MT= 53 (n,n') Level

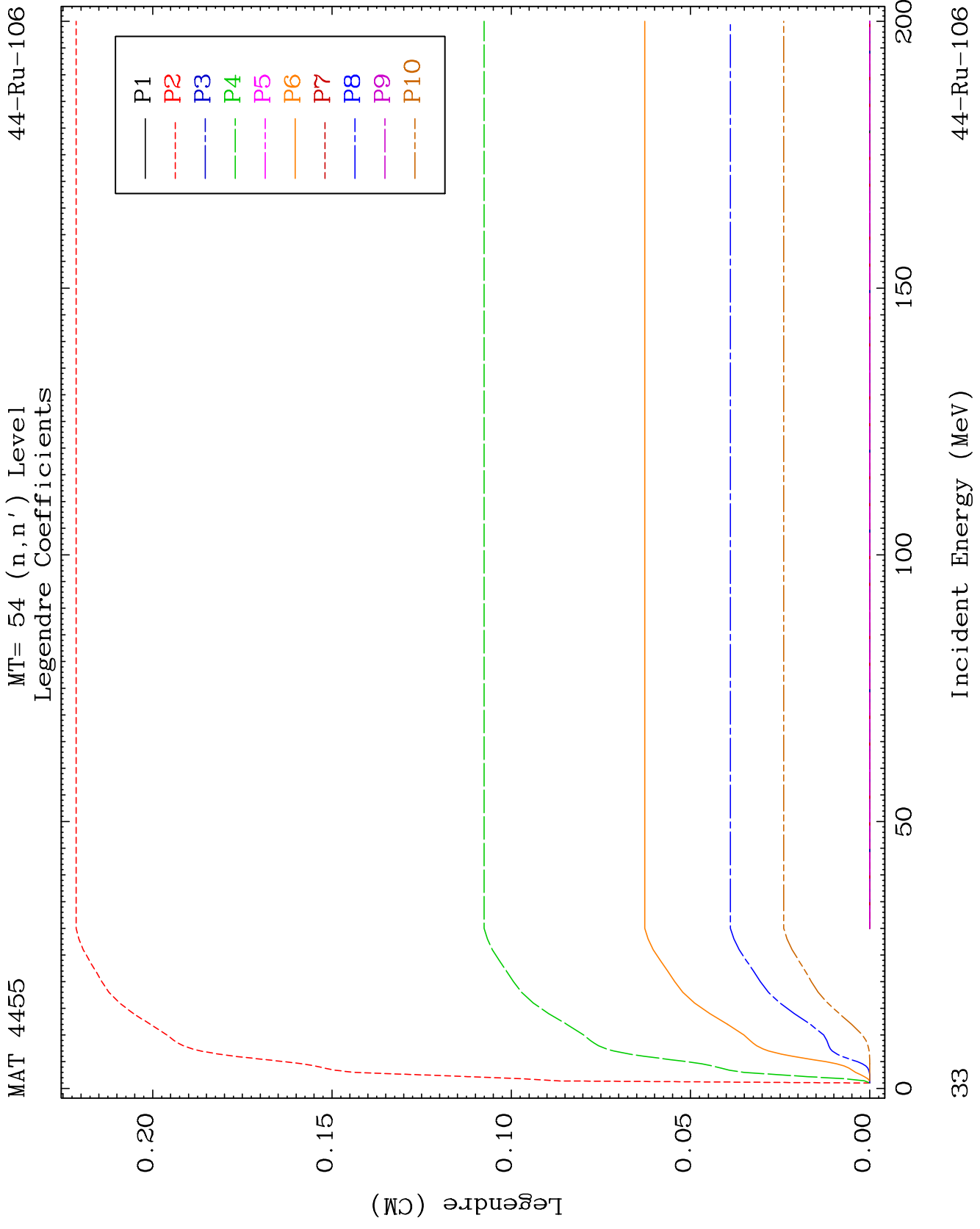
44-Ru-106

Legendre Coefficients





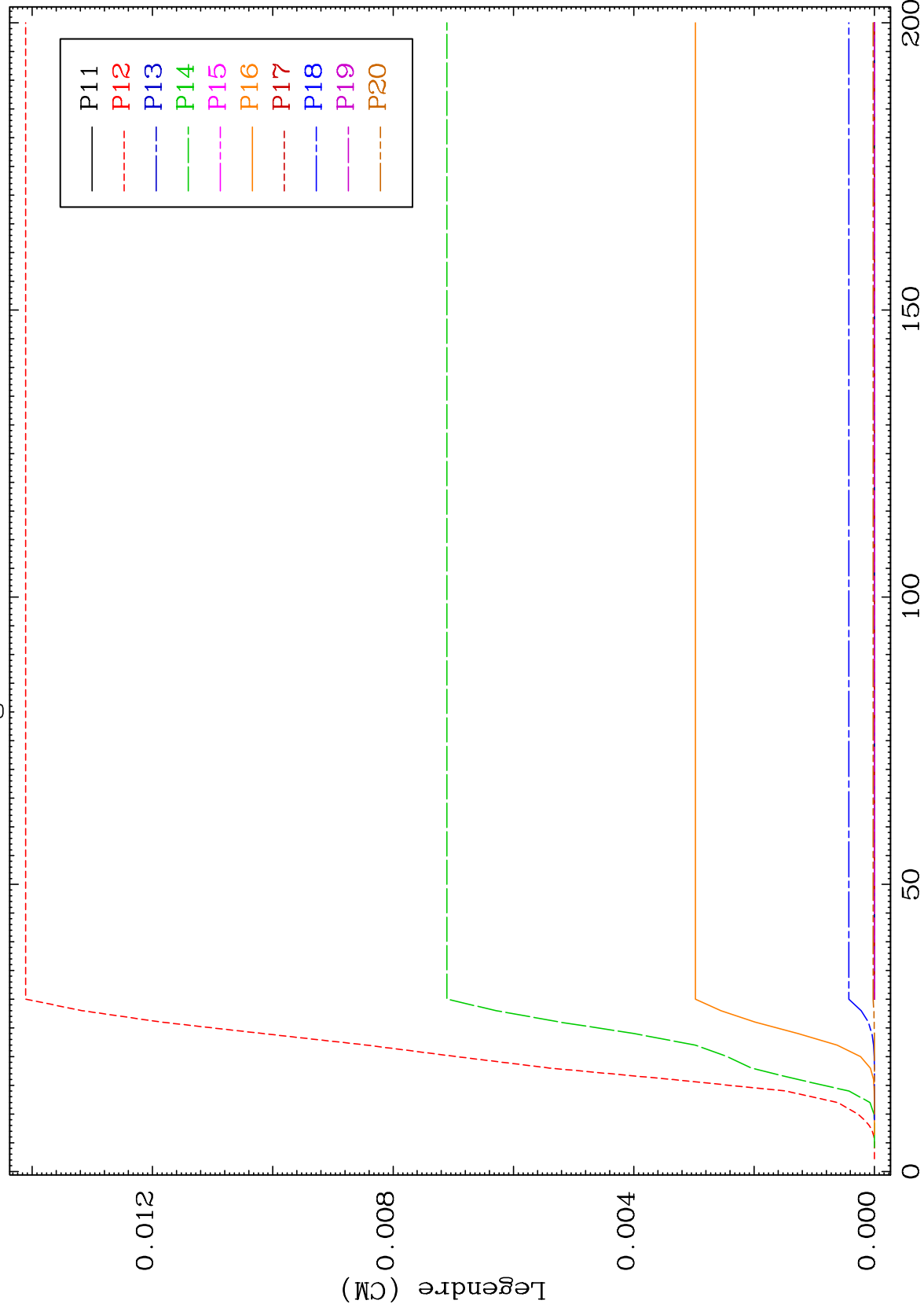




MAT 4455

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

44-Ru-106



34

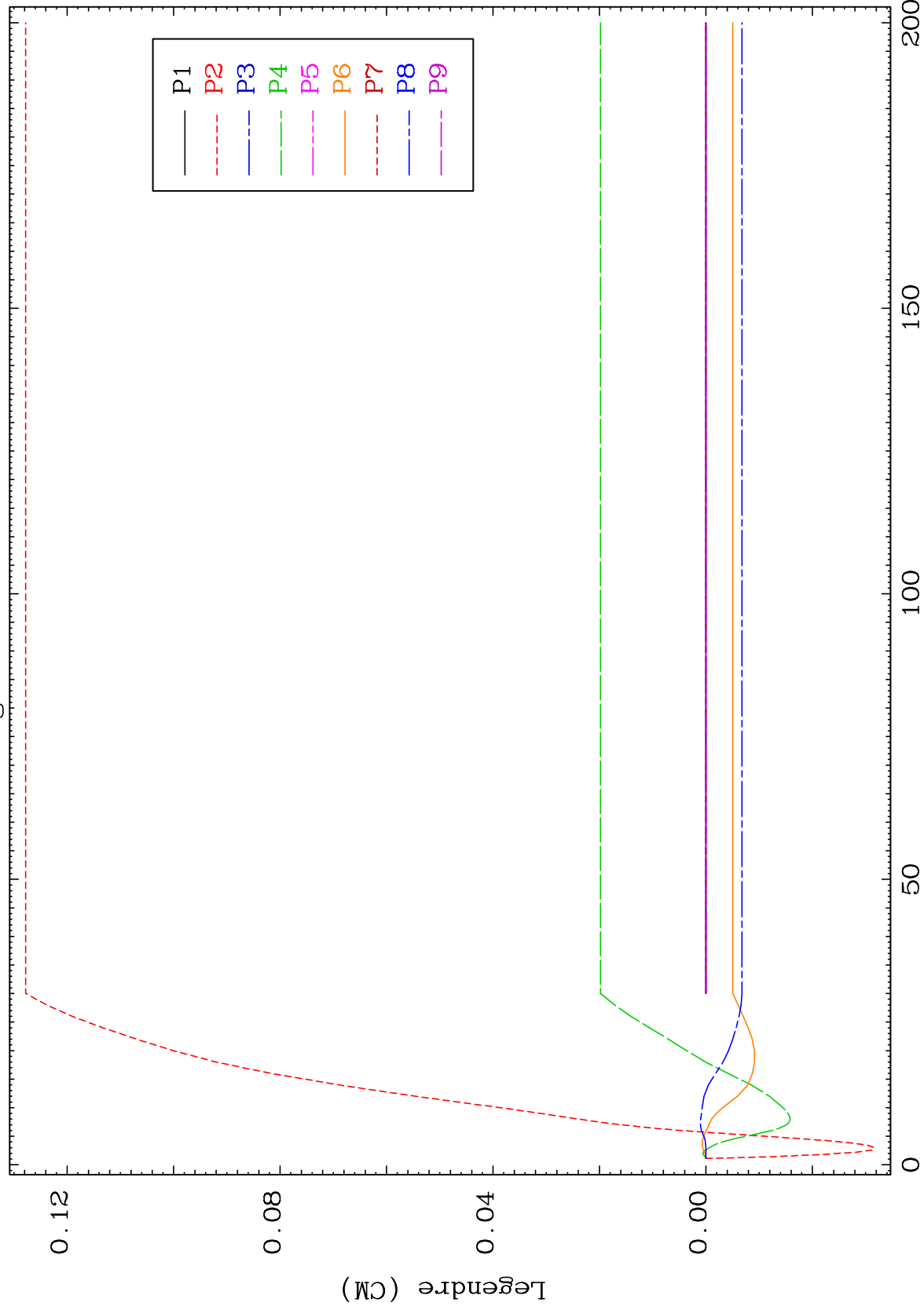
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



36

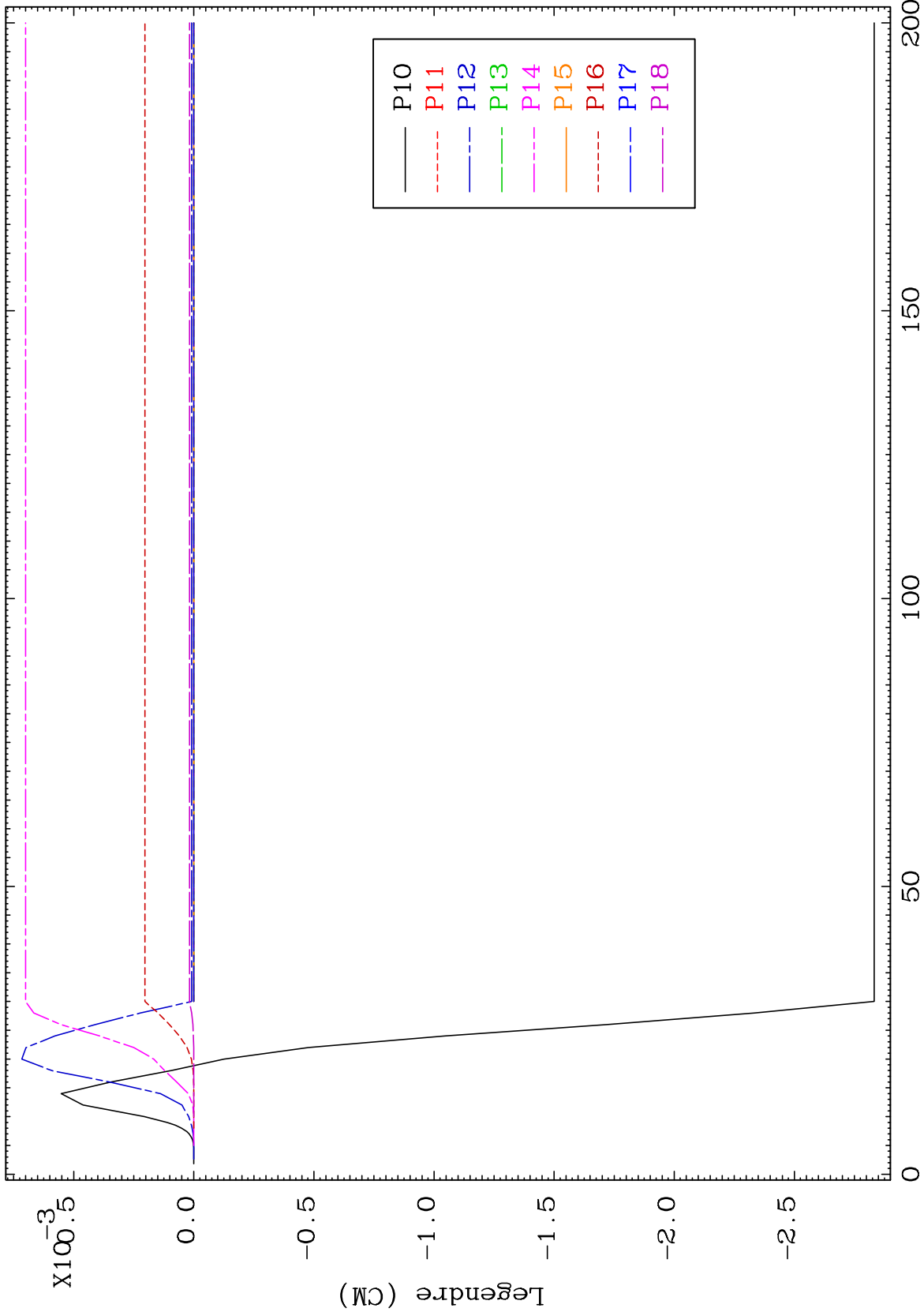
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



37

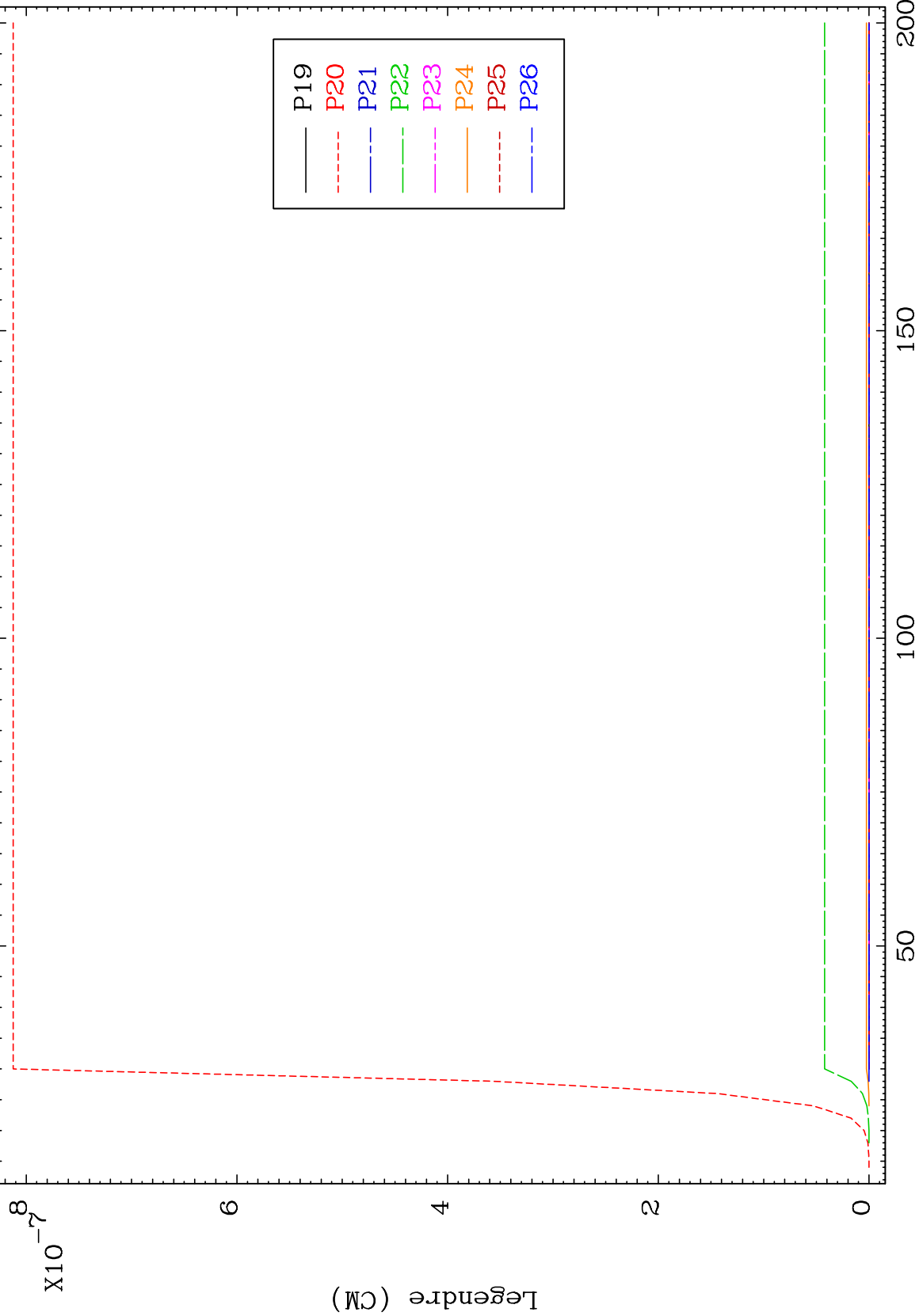
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



38

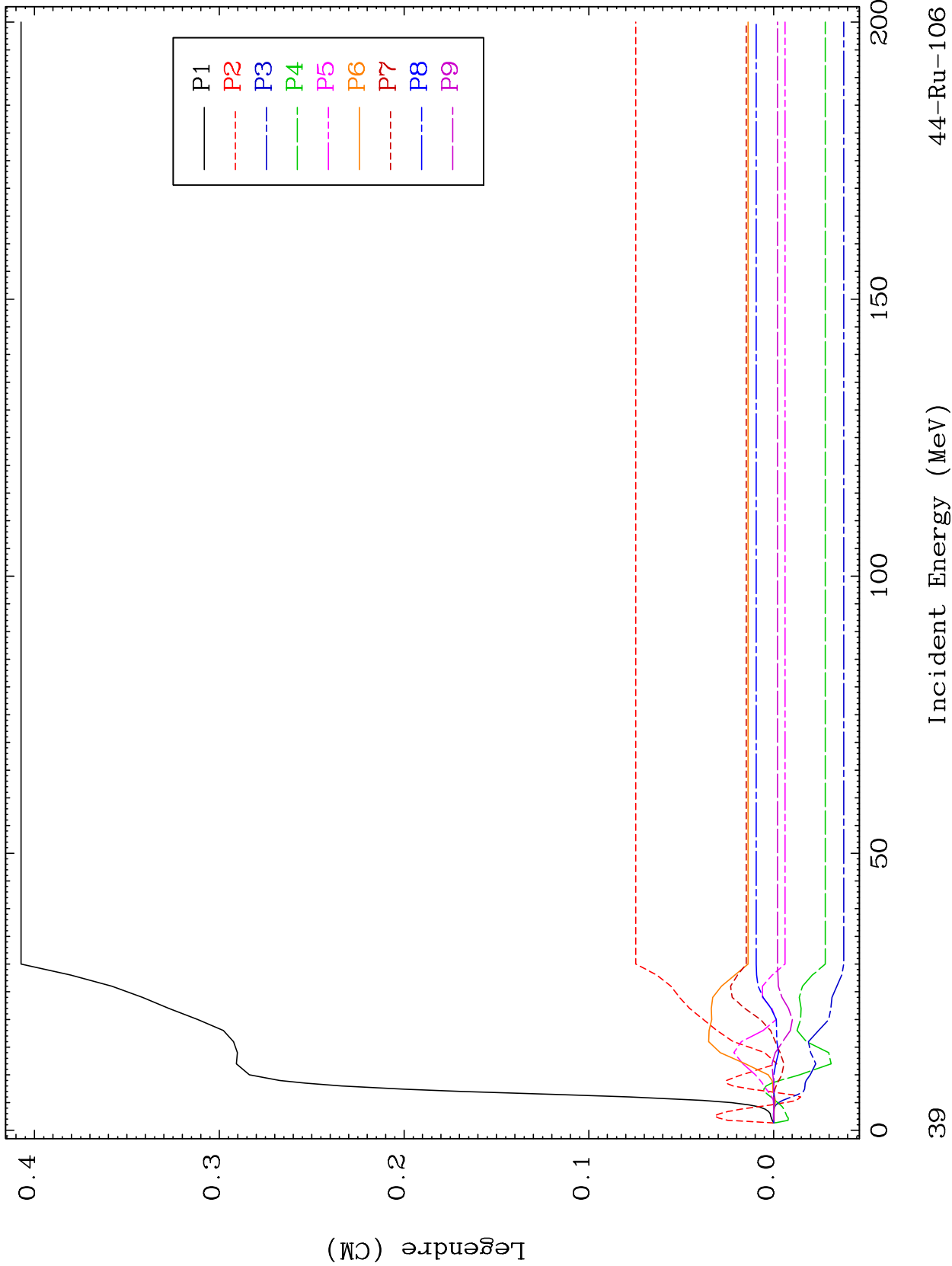
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

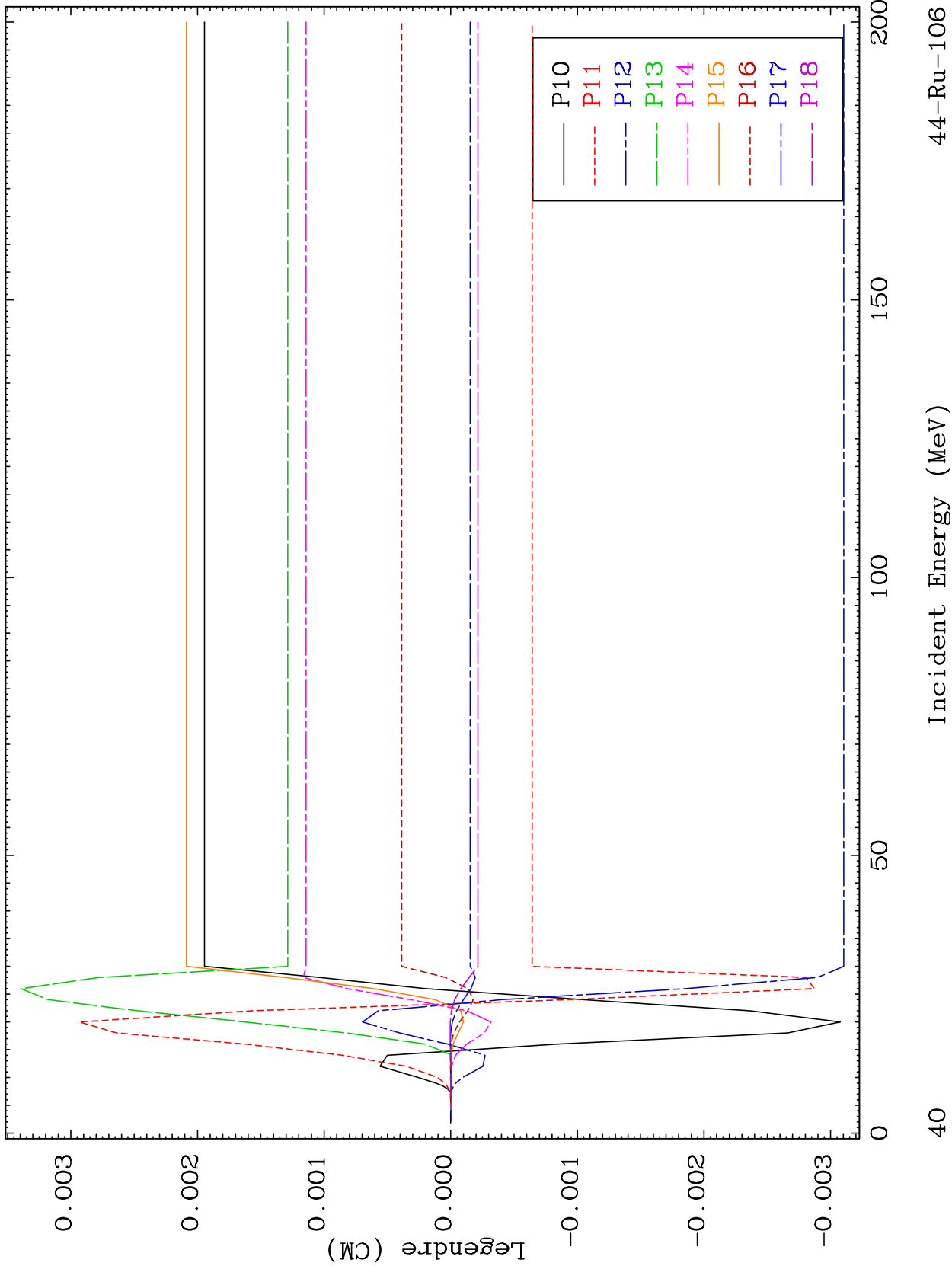
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MAT 4455

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

44-Ru-106



44-Ru-106

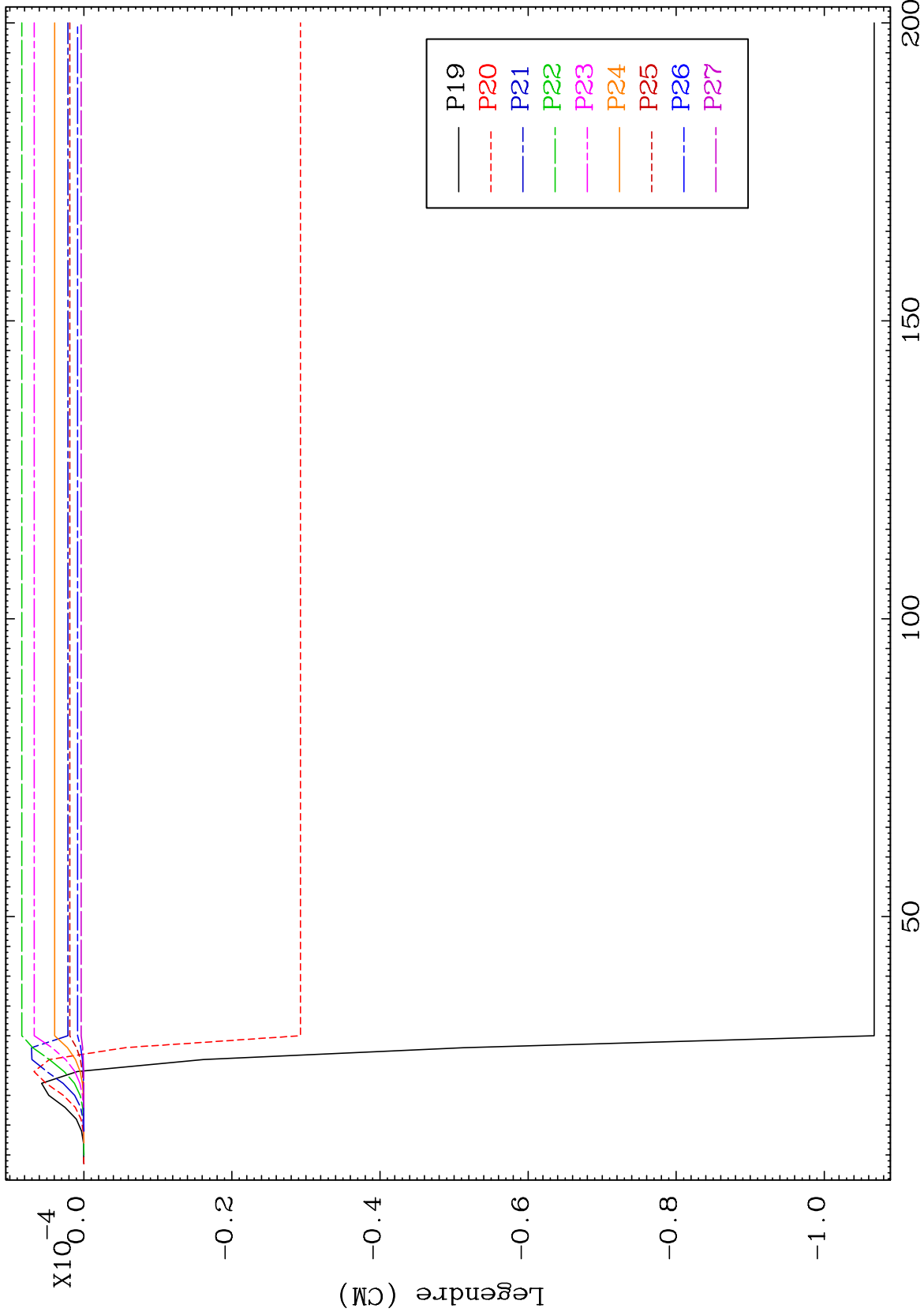
Incident Energy (MeV)

40

MAT 4455

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

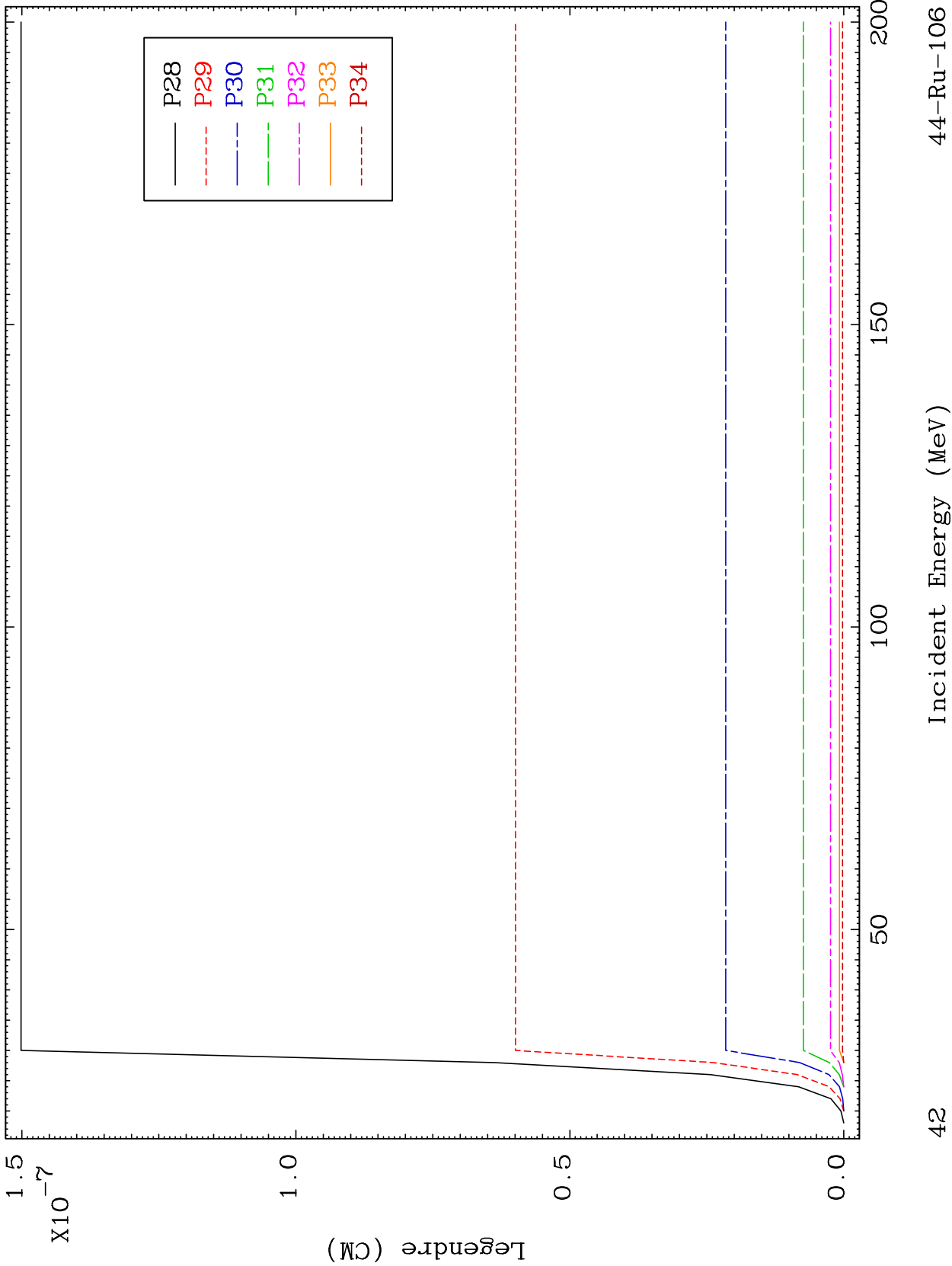
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MAT 4455

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

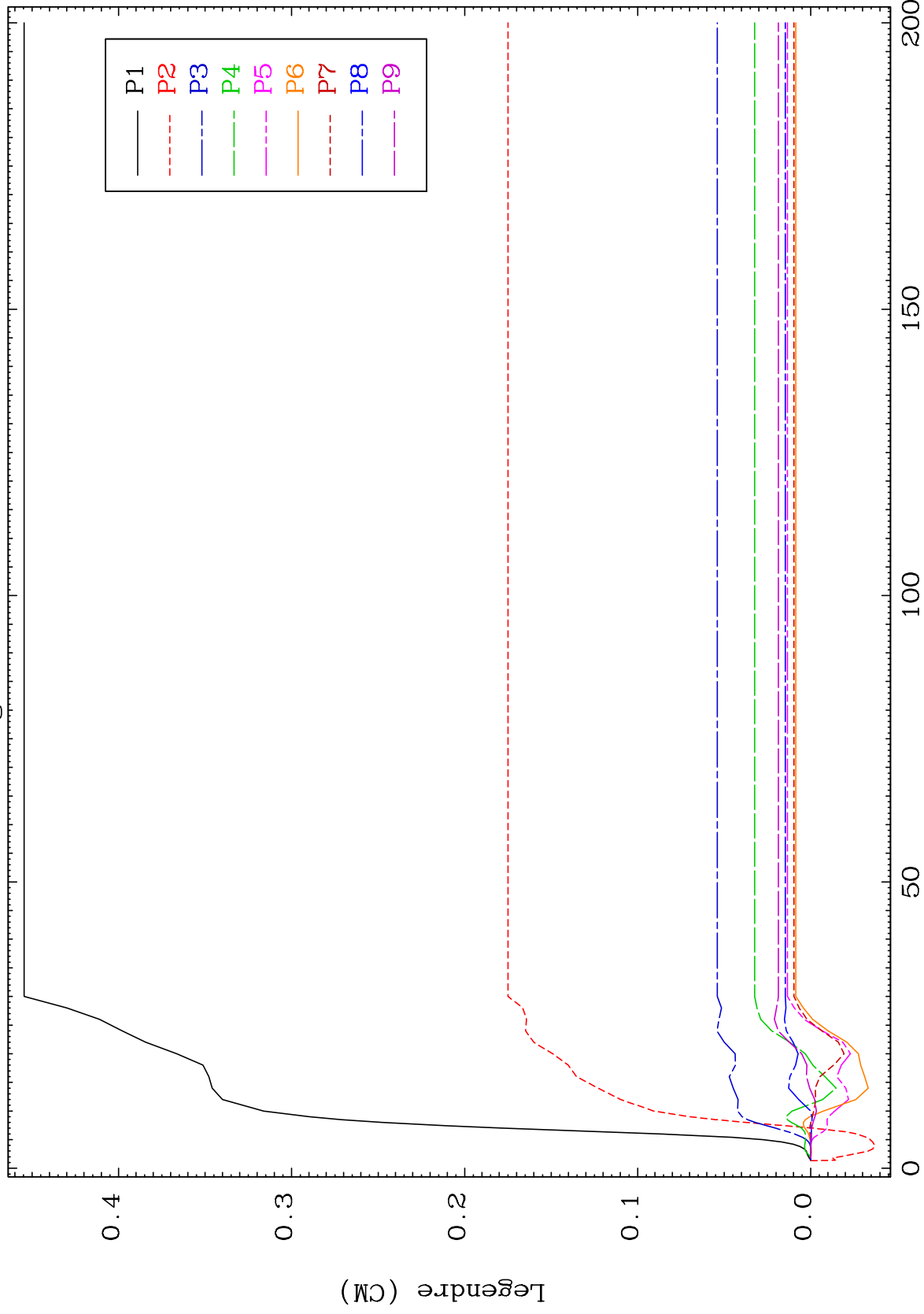
44-Ru-106



MAT 4455

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

44-Ru-106



43

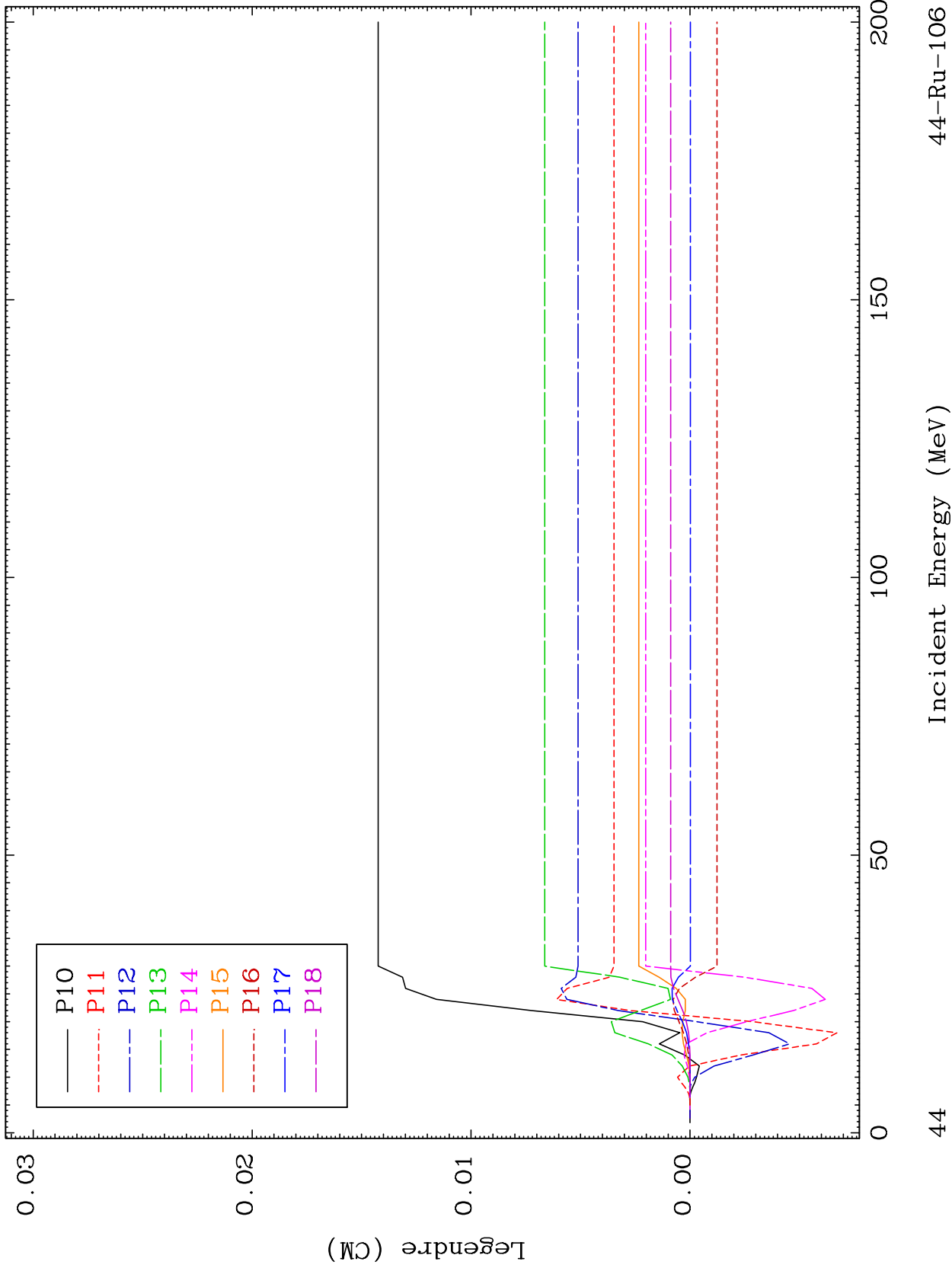
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



44-Ru-106

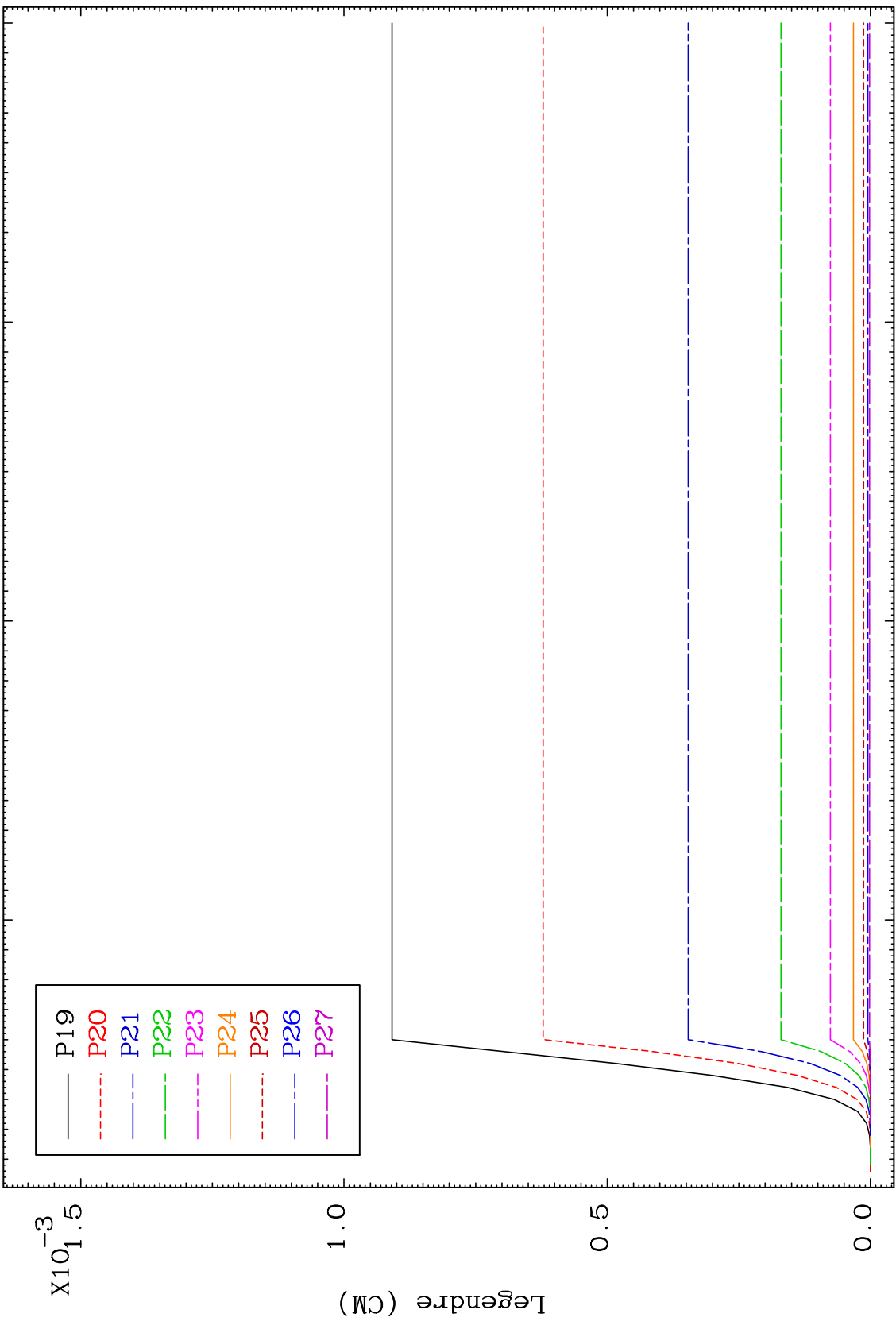
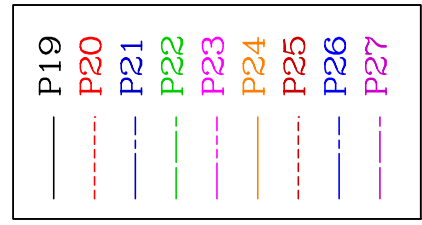
Incident Energy (MeV)

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MAT 4455

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

44-Ru-106



45

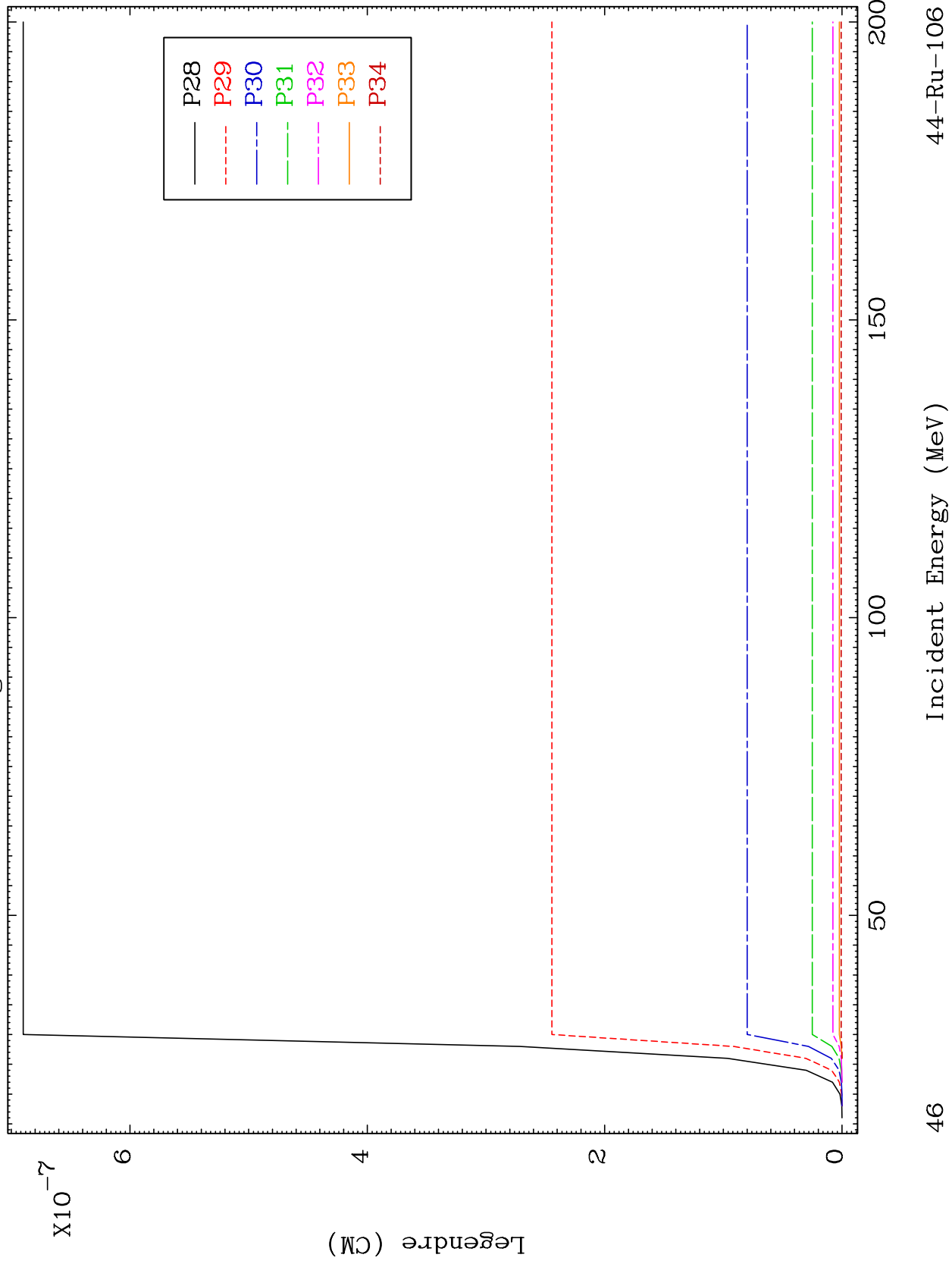
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



46

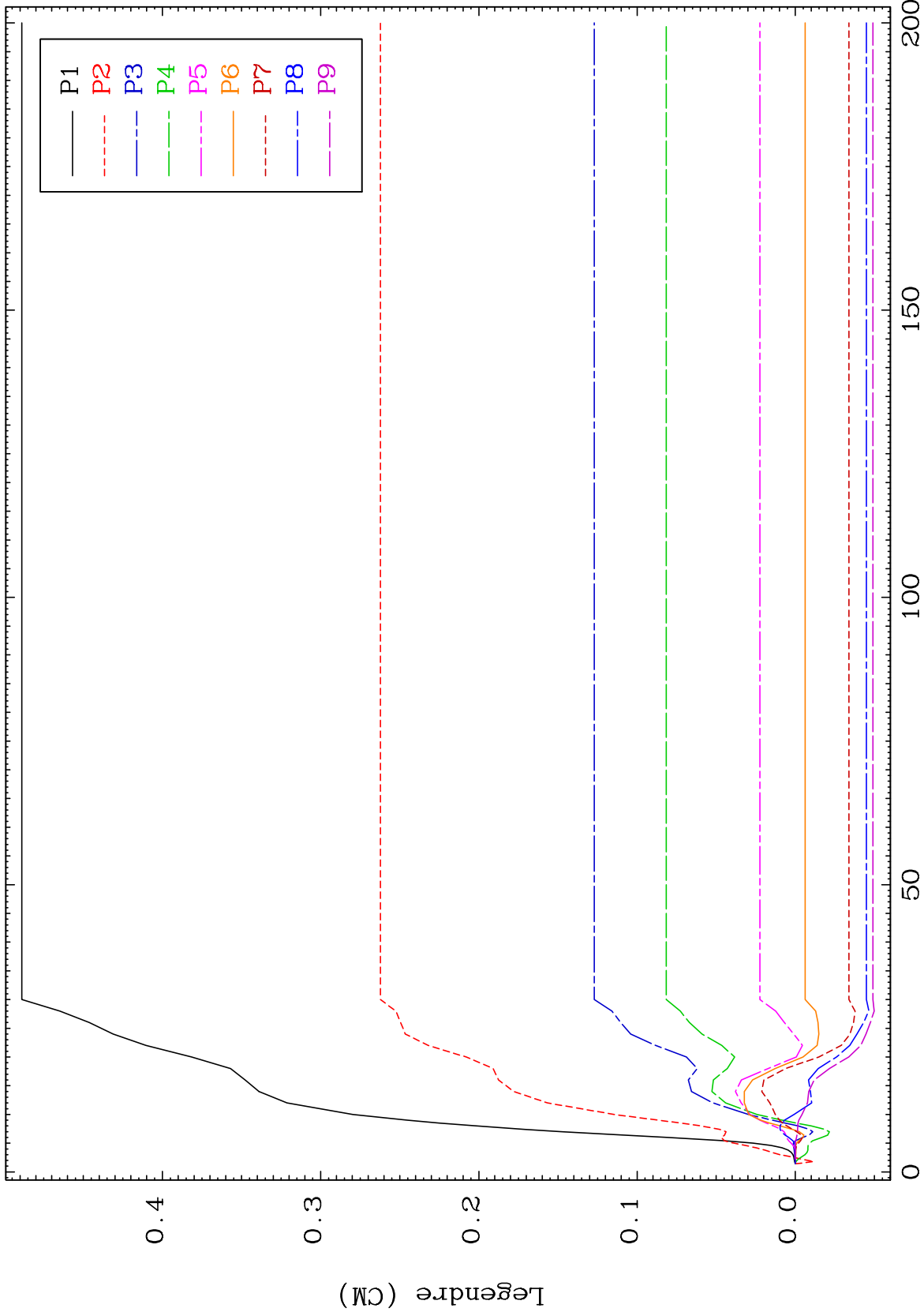
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



47

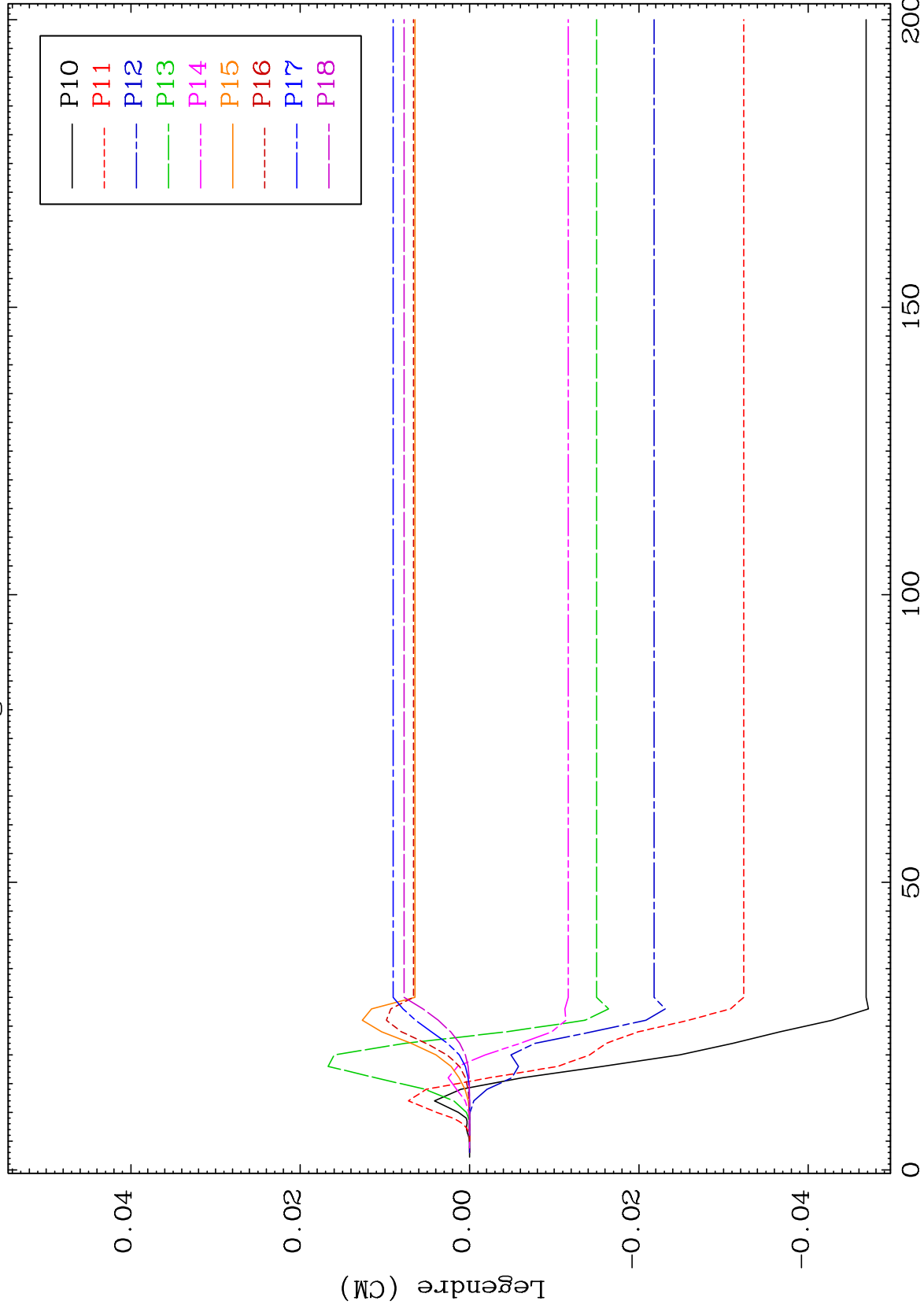
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



48

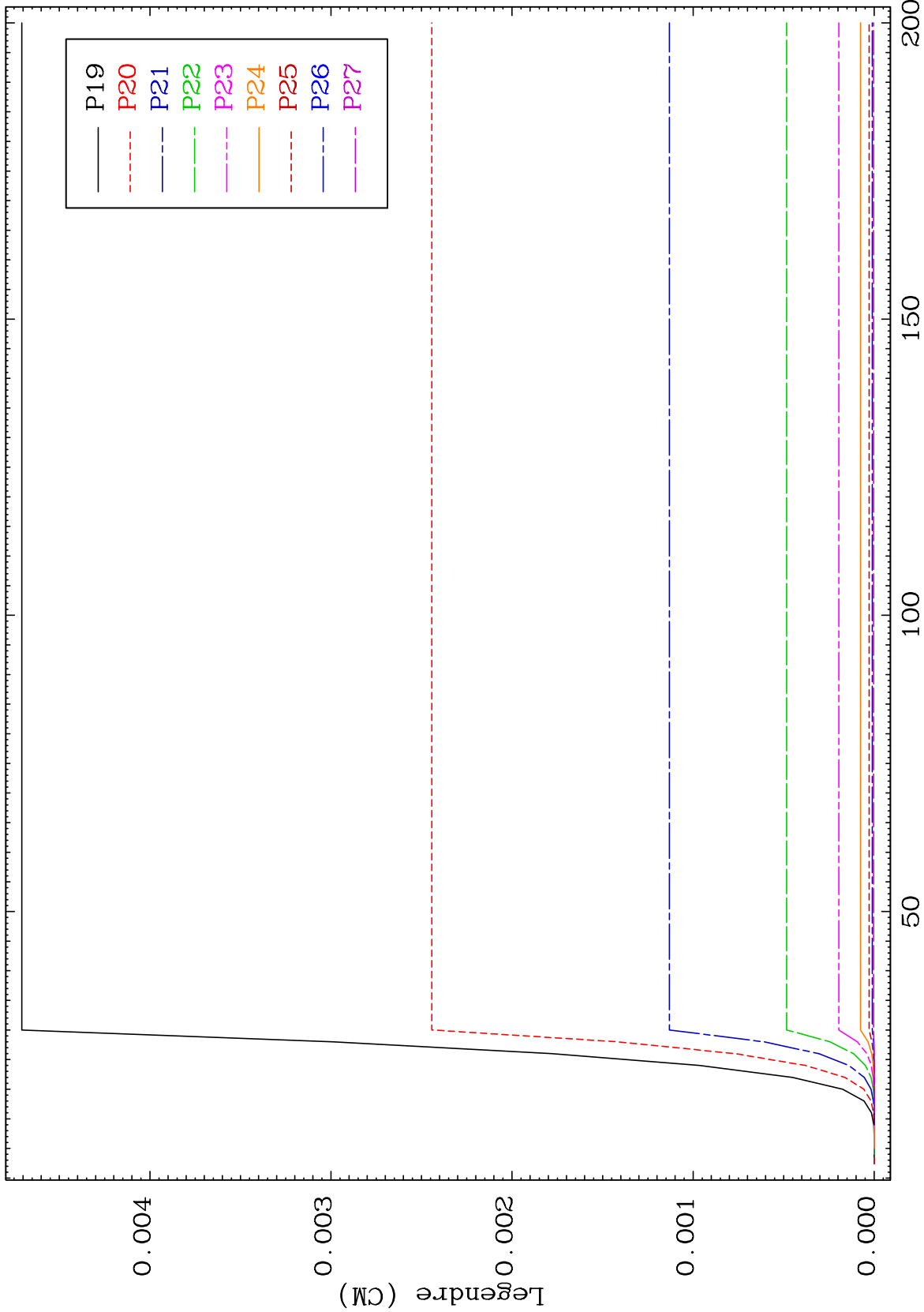
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



49

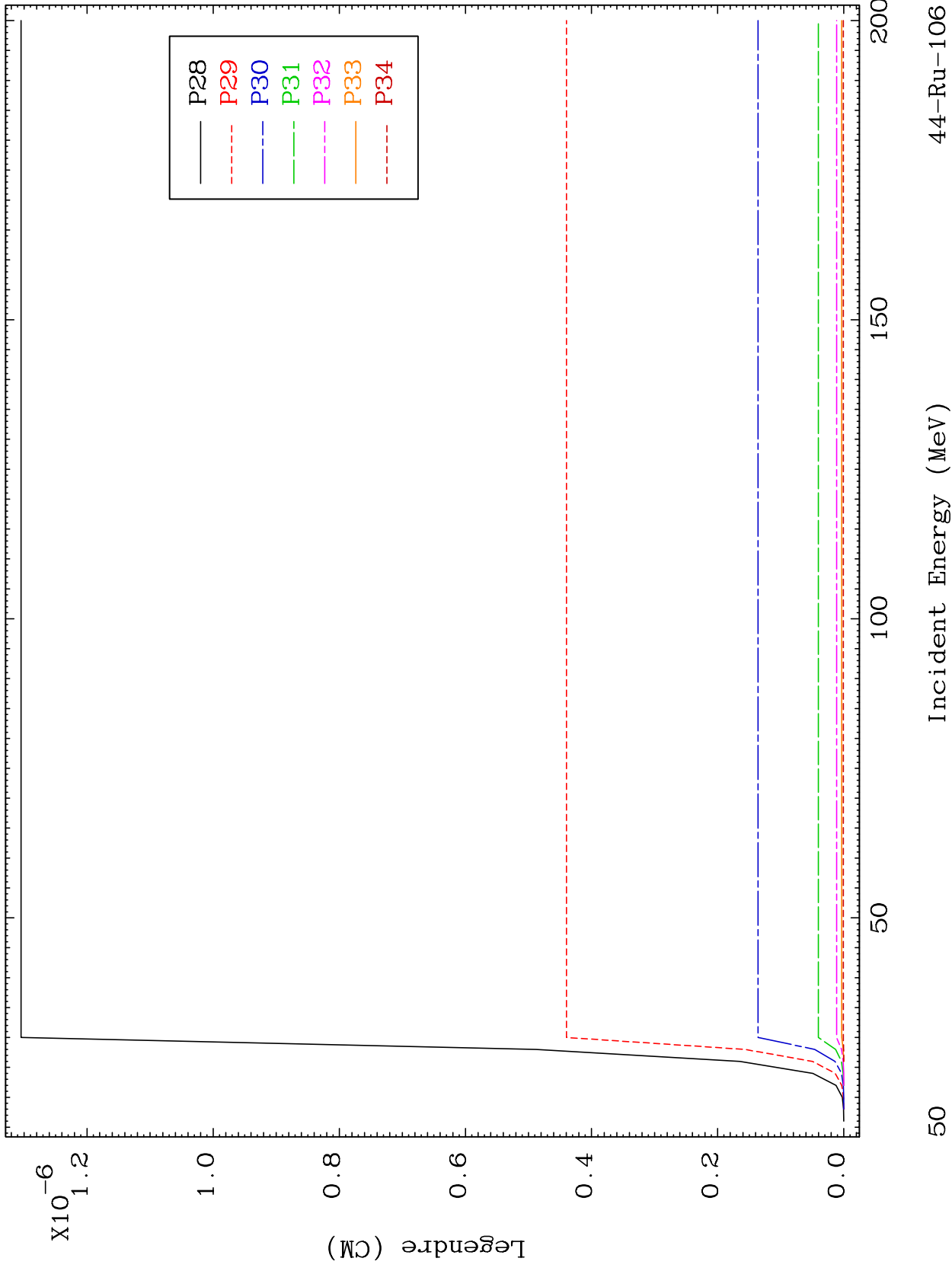
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



44-Ru-106

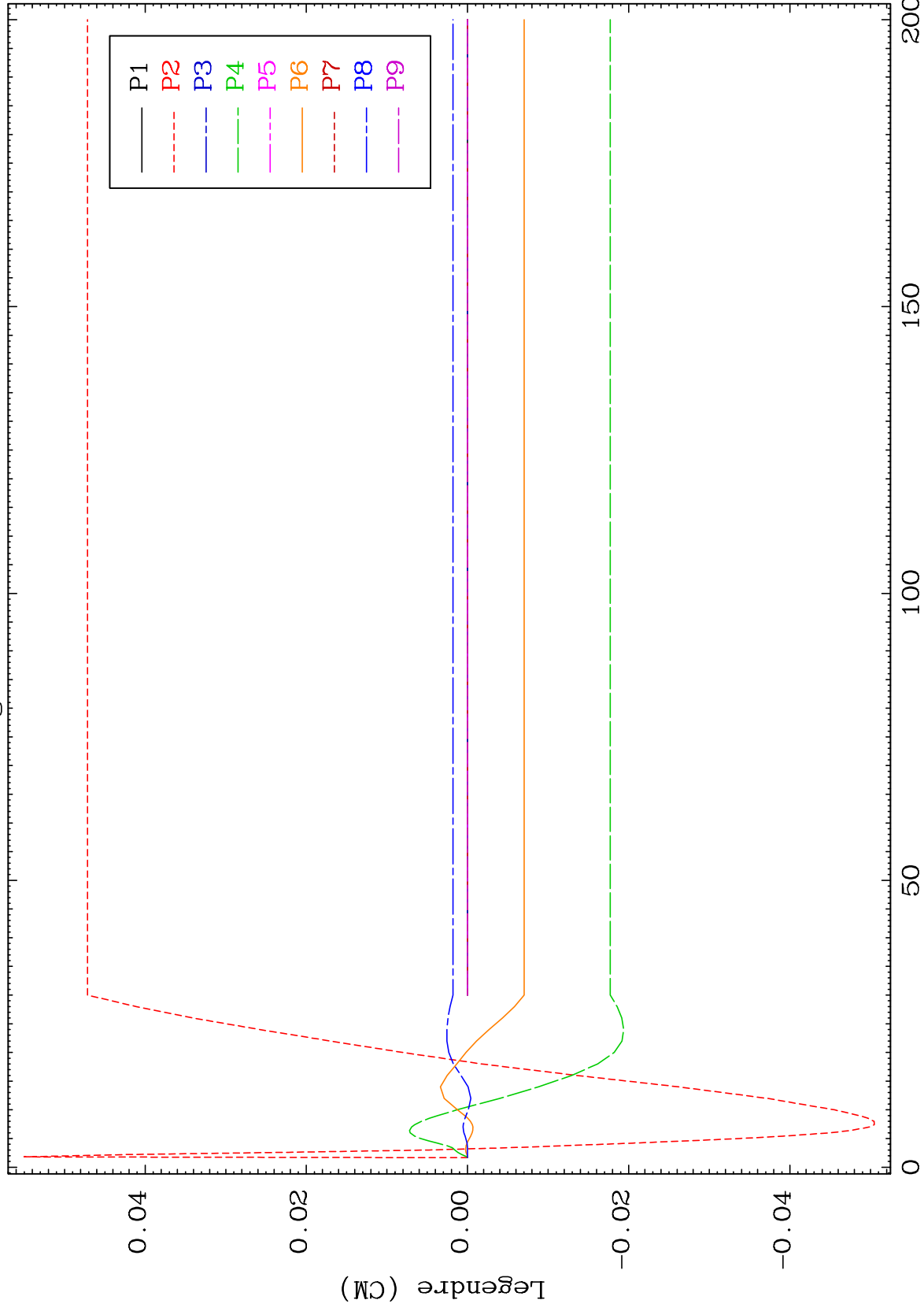
Incident Energy (MeV)

50

MAT 4455

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

44-Ru-106



51

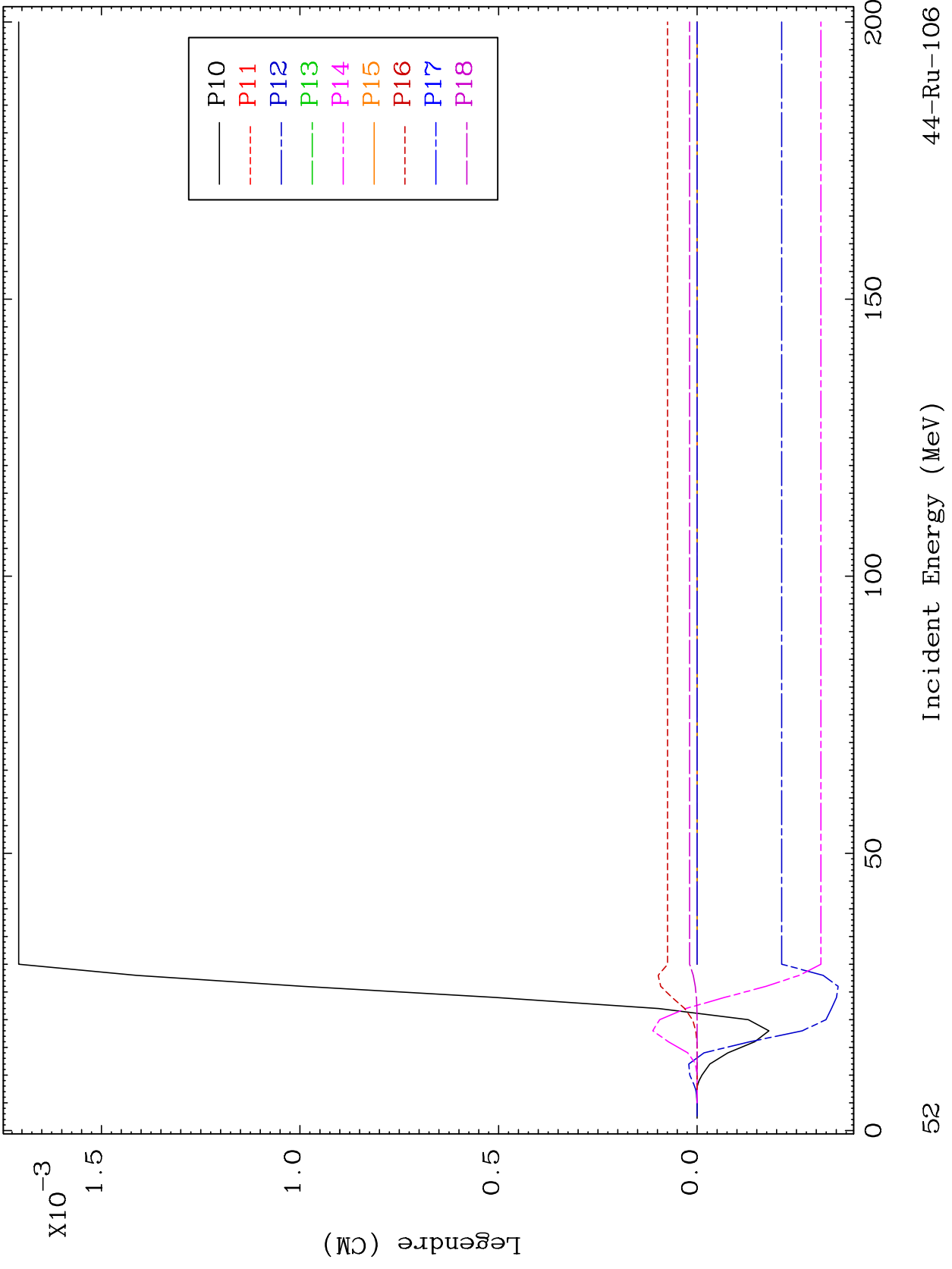
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



52

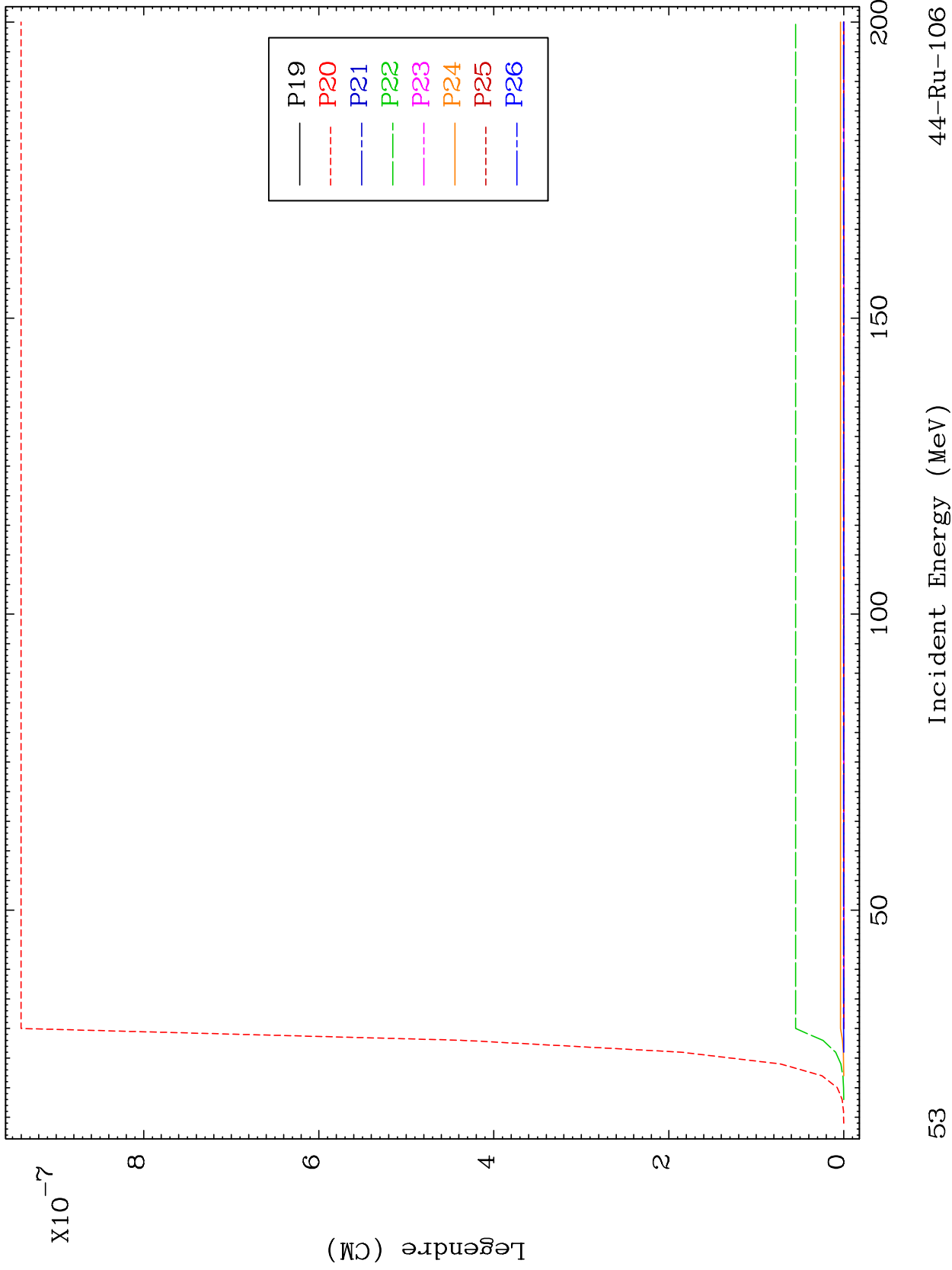
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



53

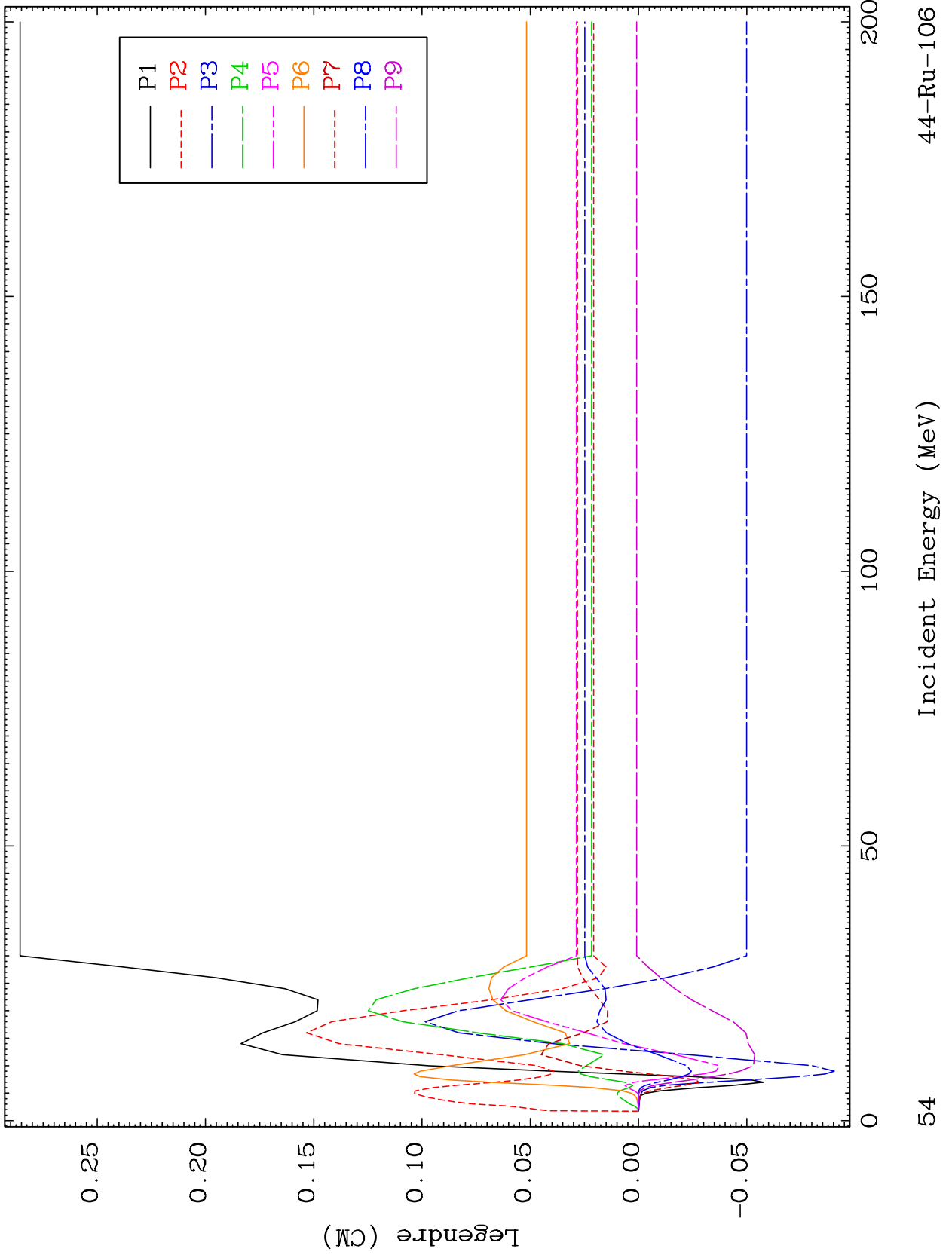
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



44-Ru-106

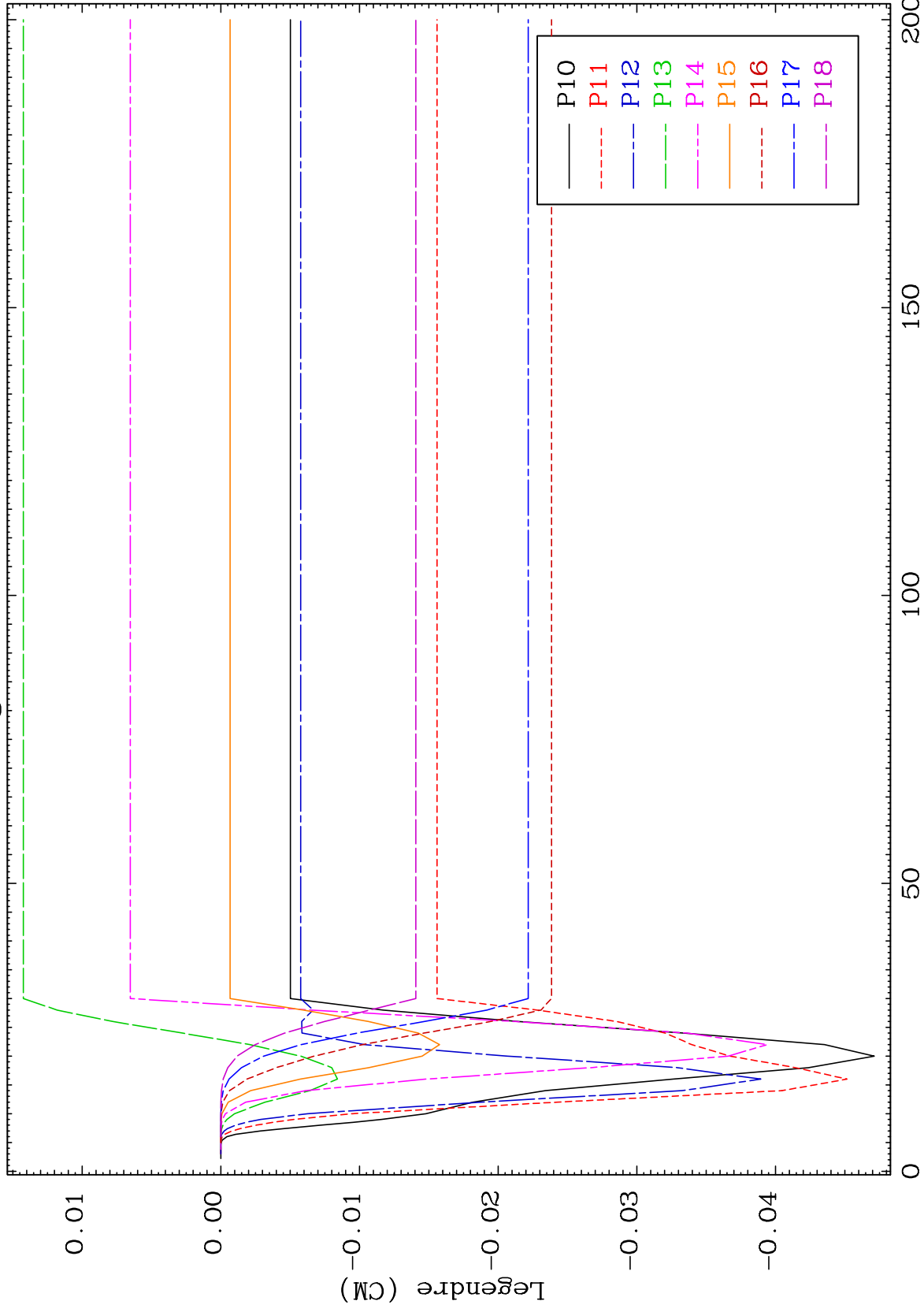
Incident Energy (MeV)

54

MAT 4455

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

44-Ru-106

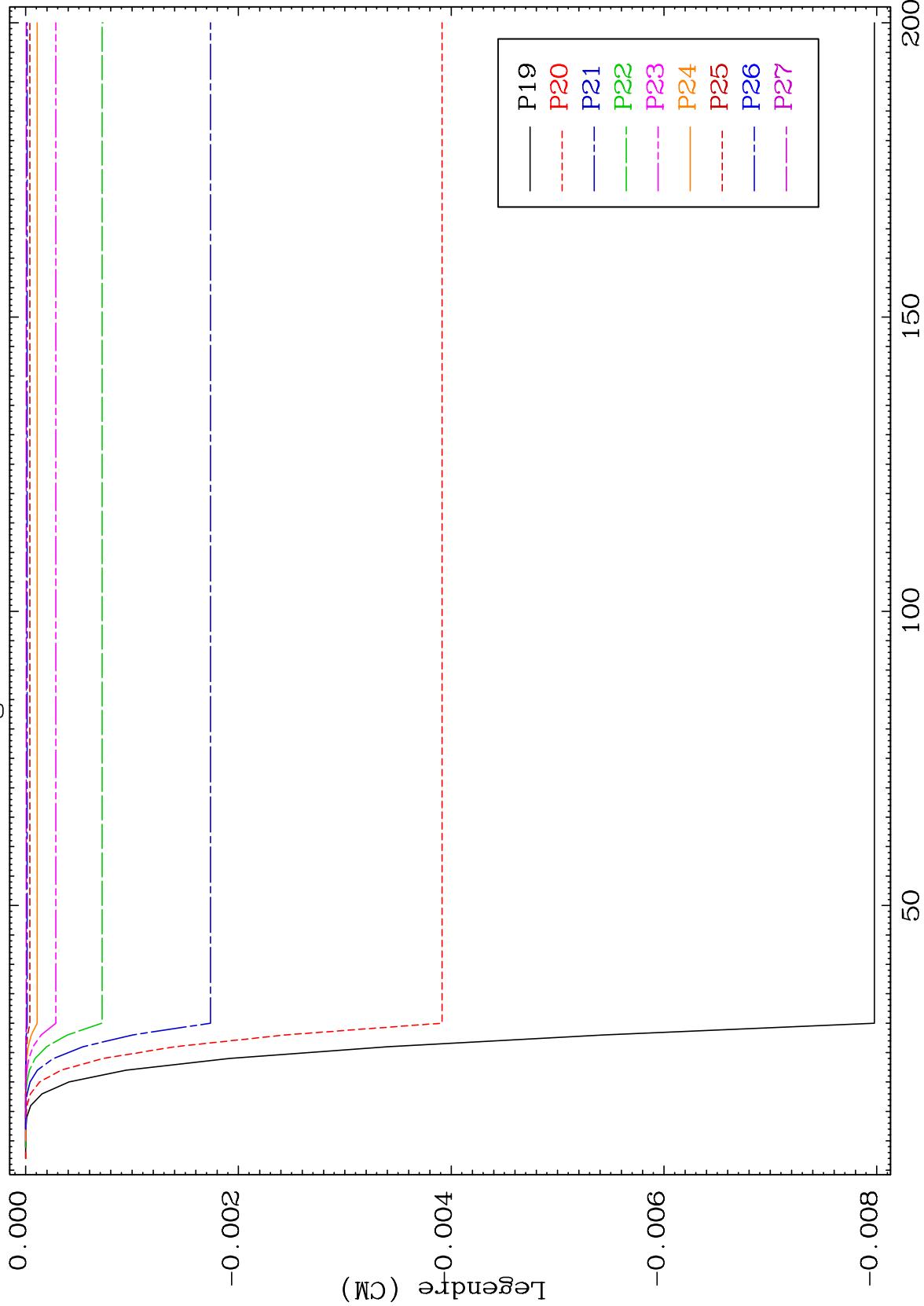


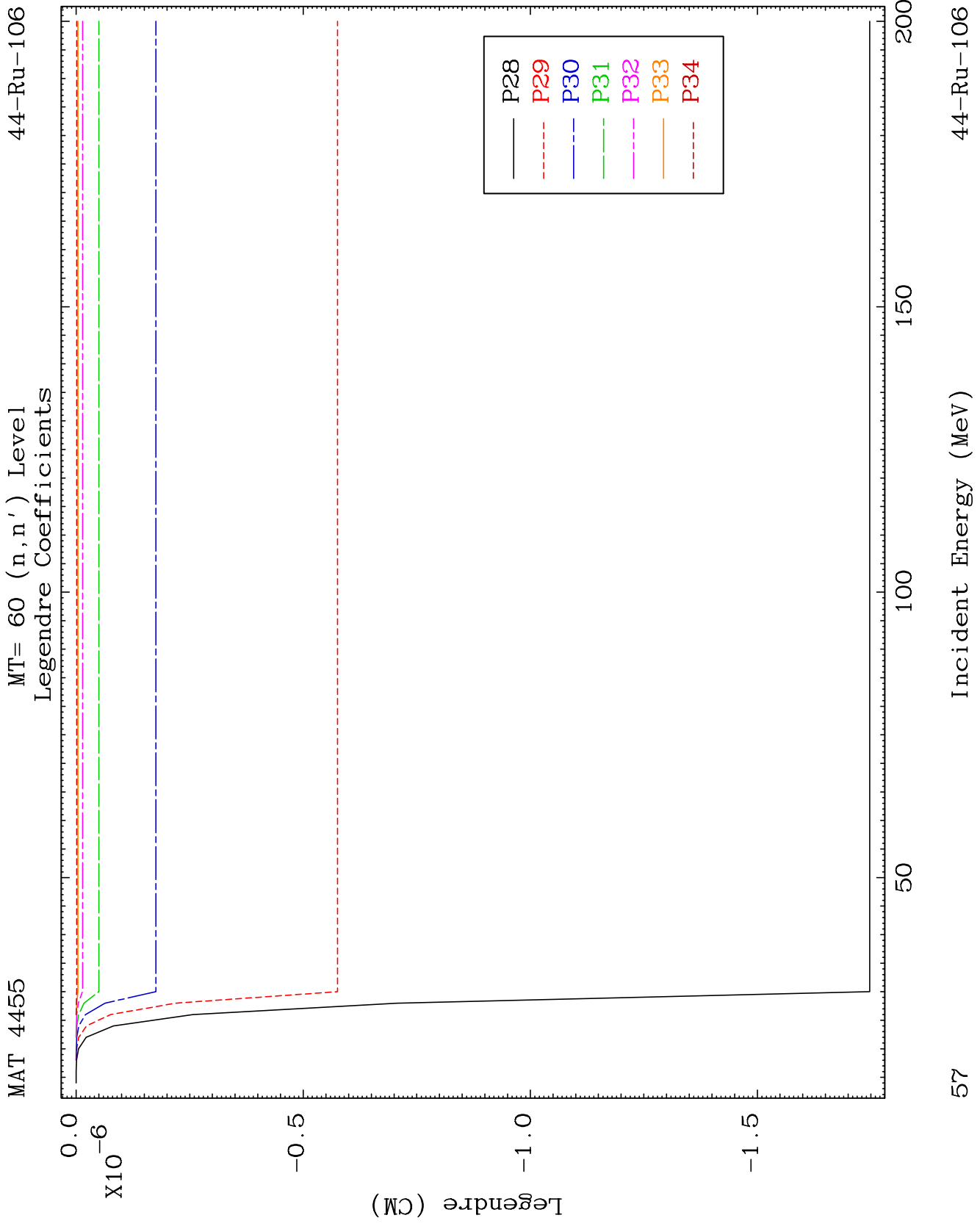
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Incident Energy (MeV)

44-Ru-106

Legendre Coefficients

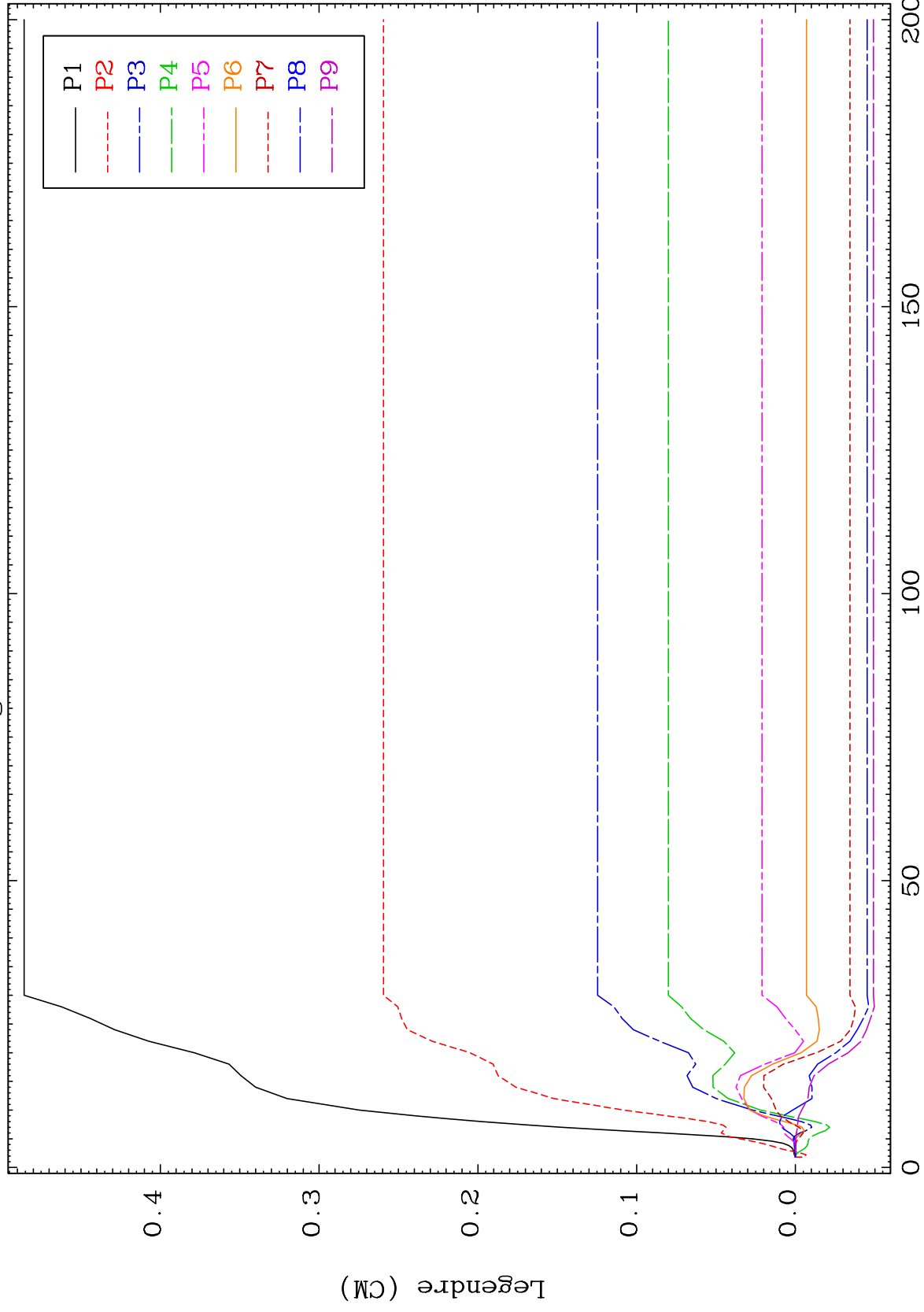




MAT 4455

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

44-Ru-106



58

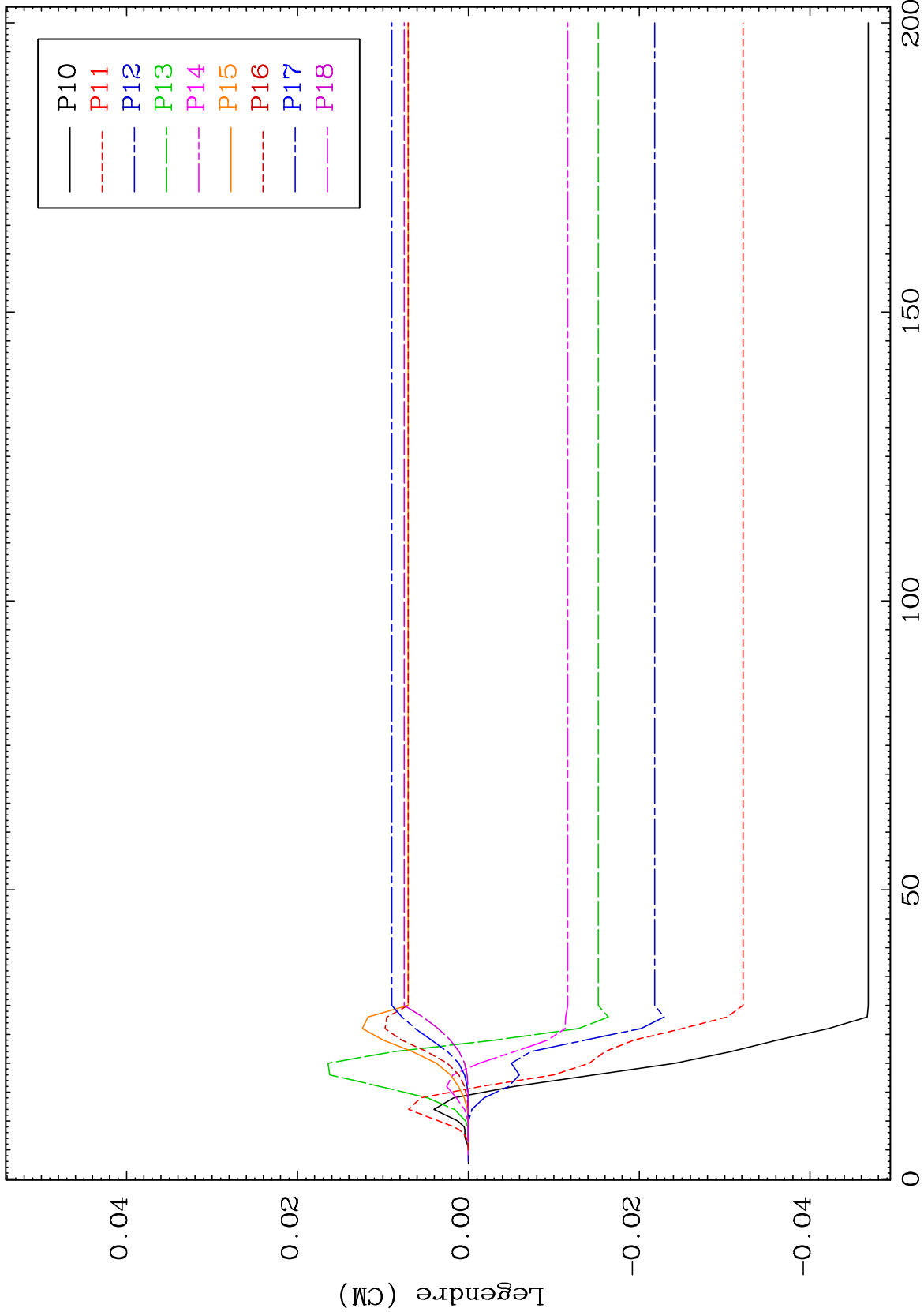
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



59

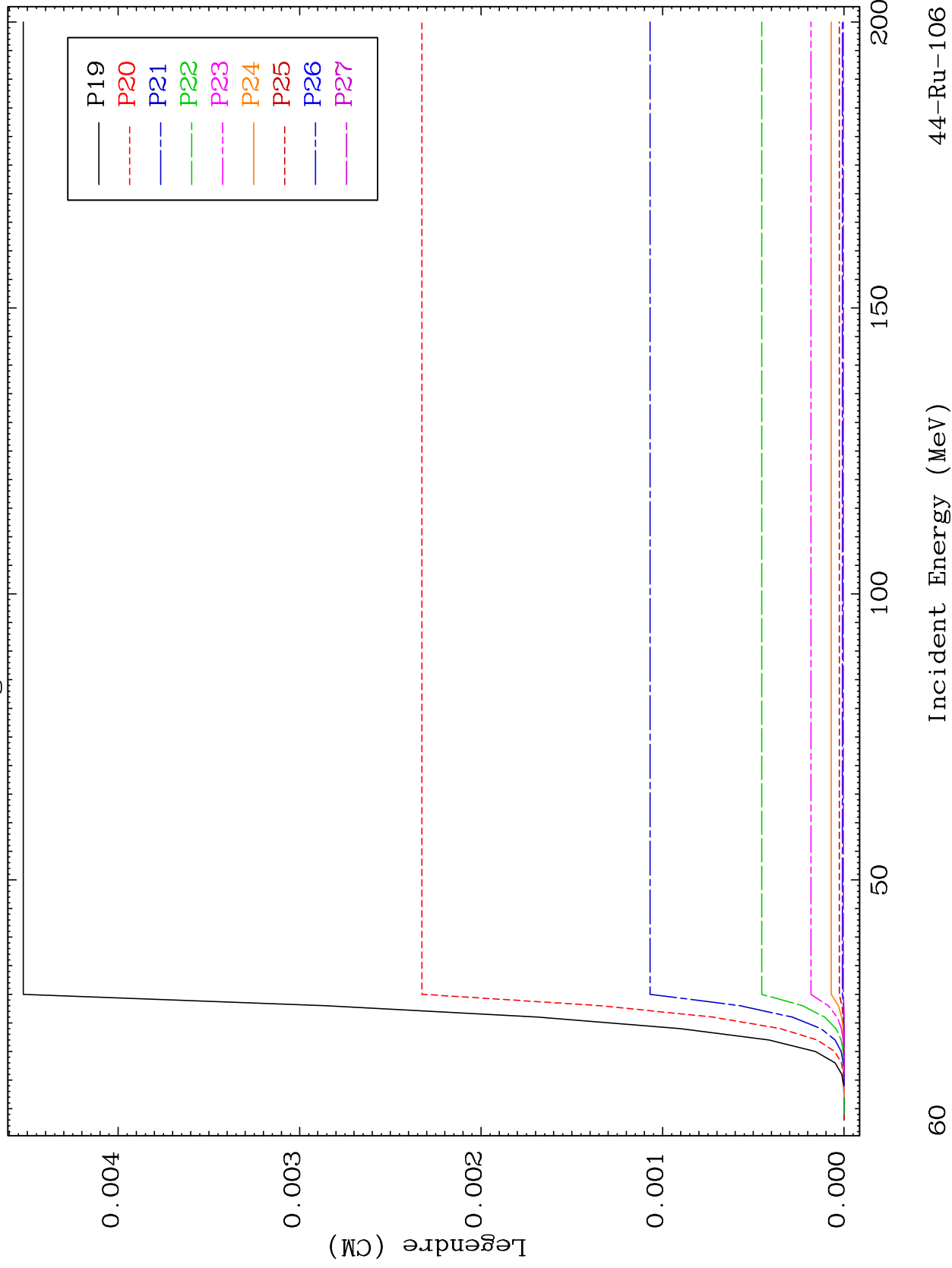
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



44-Ru-106

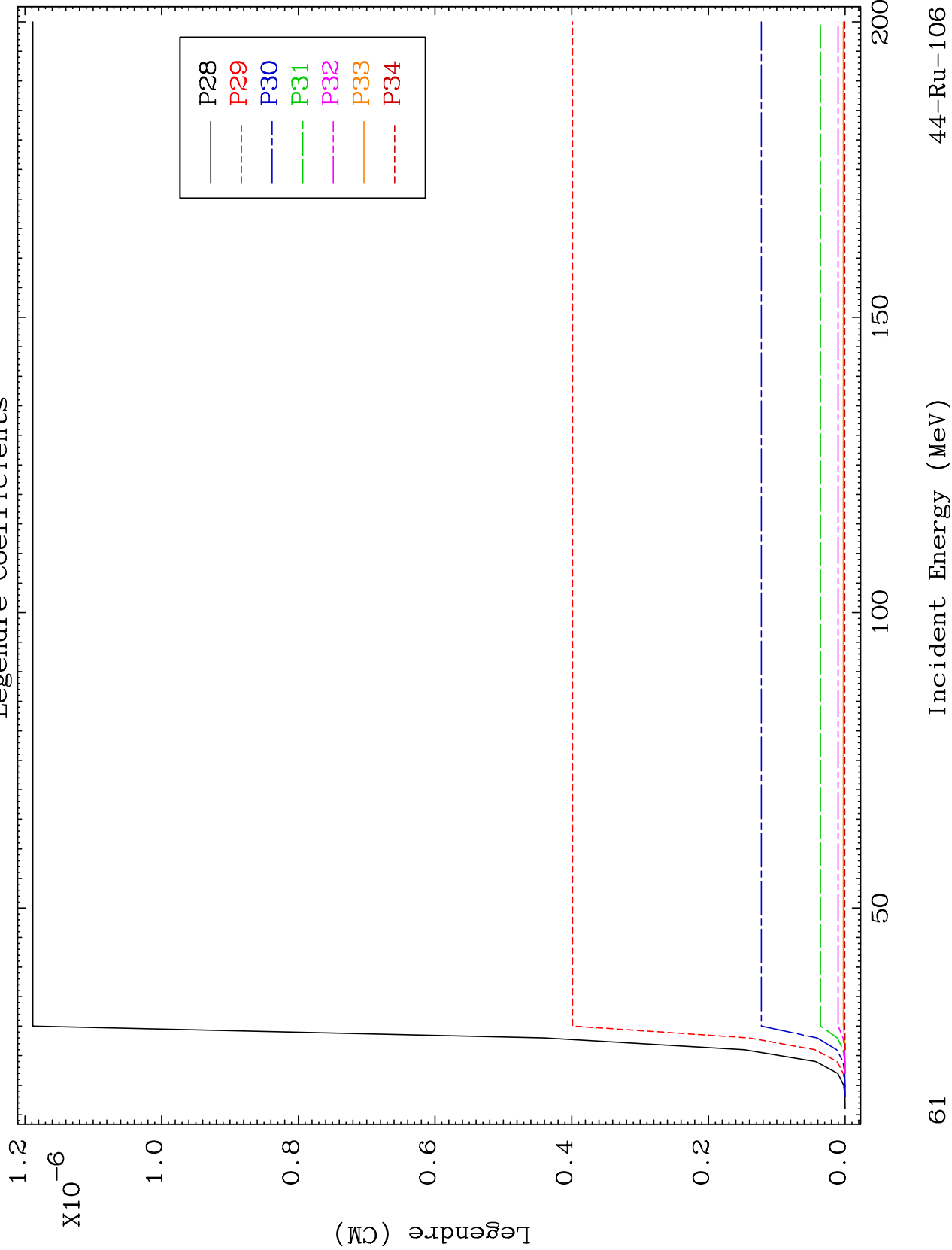
Incident Energy (MeV)

60

MAT 4455

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

44-Ru-106



61

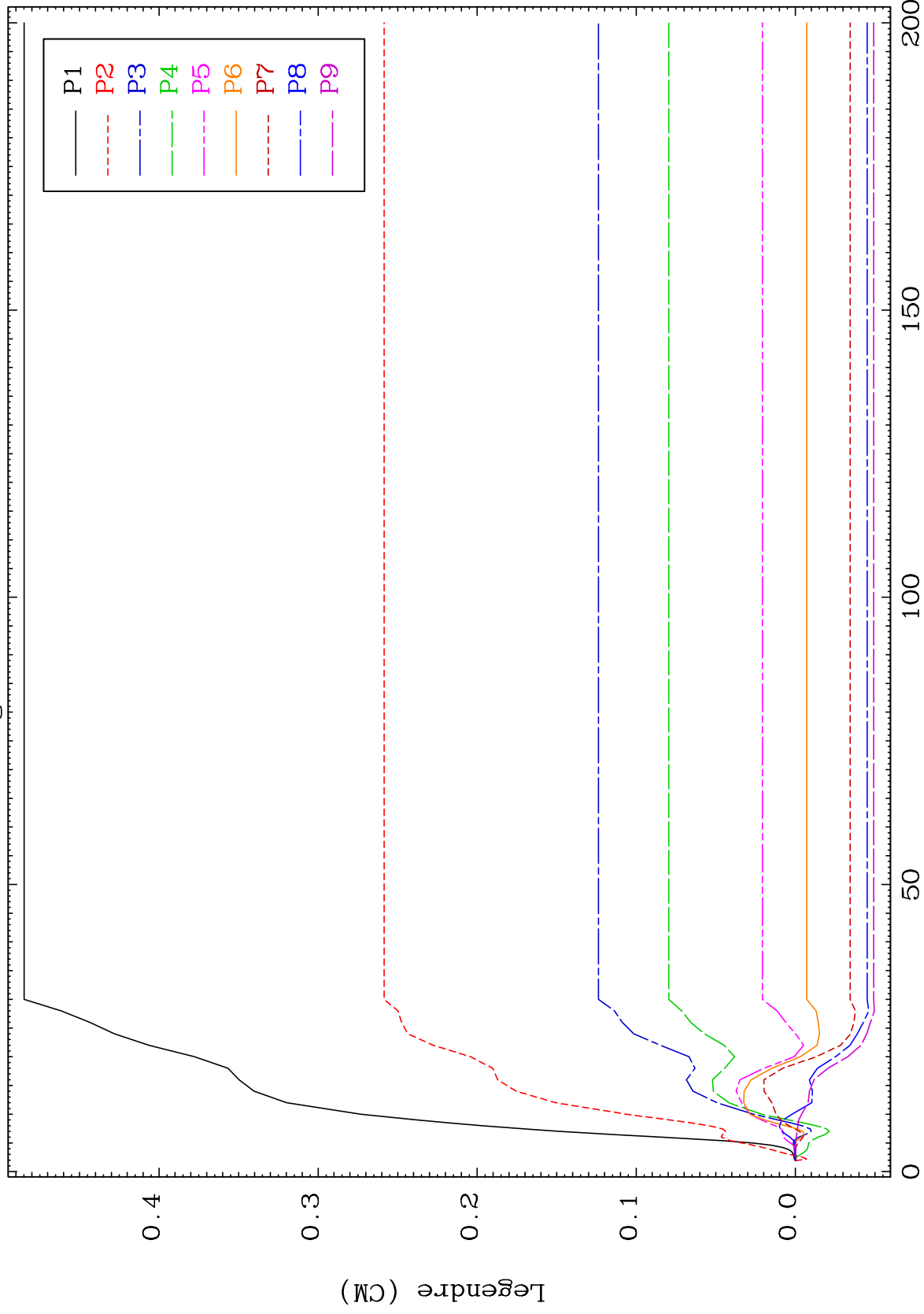
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



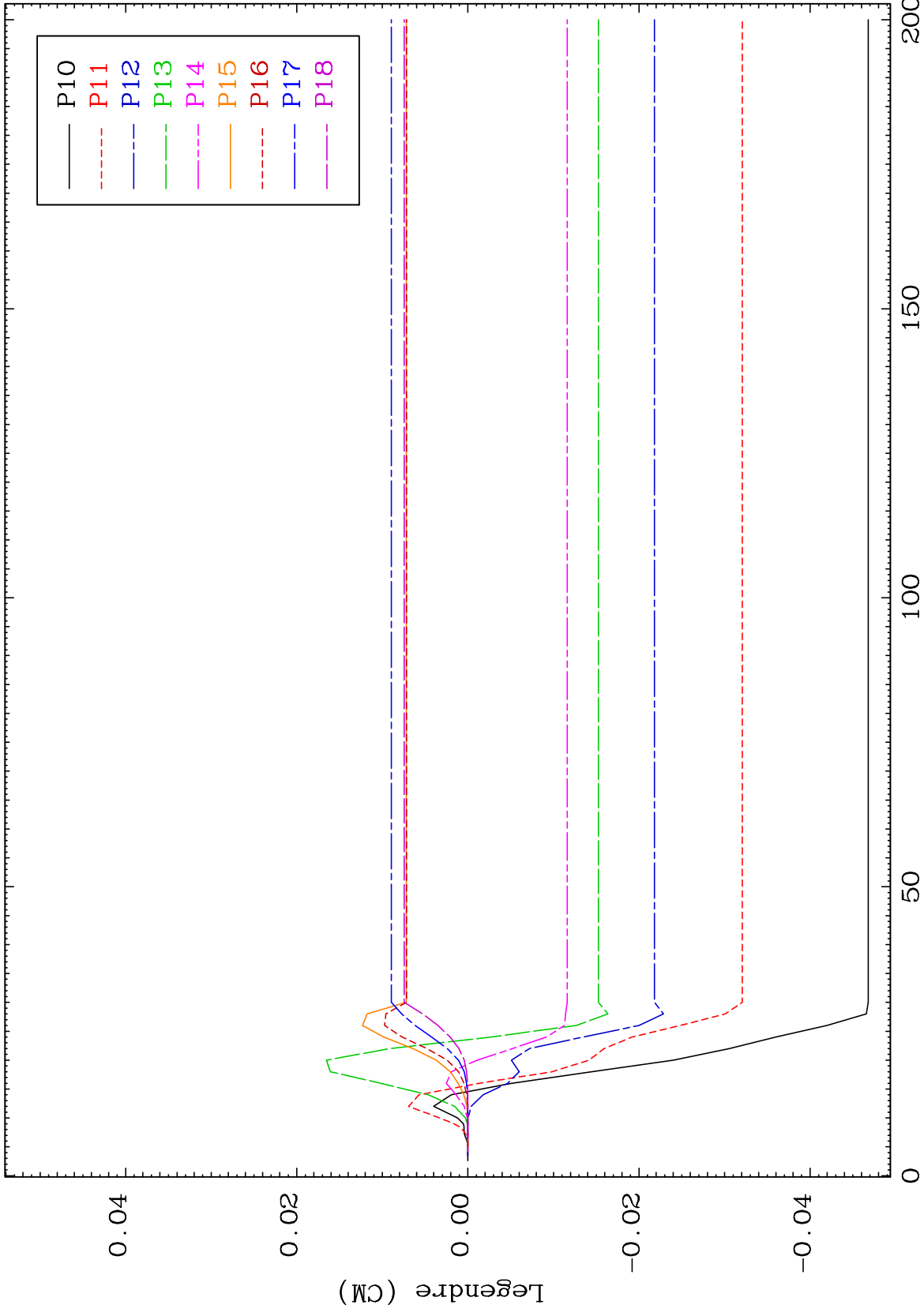
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44-Ru-106

MAT 4455

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

44-Ru-106



63

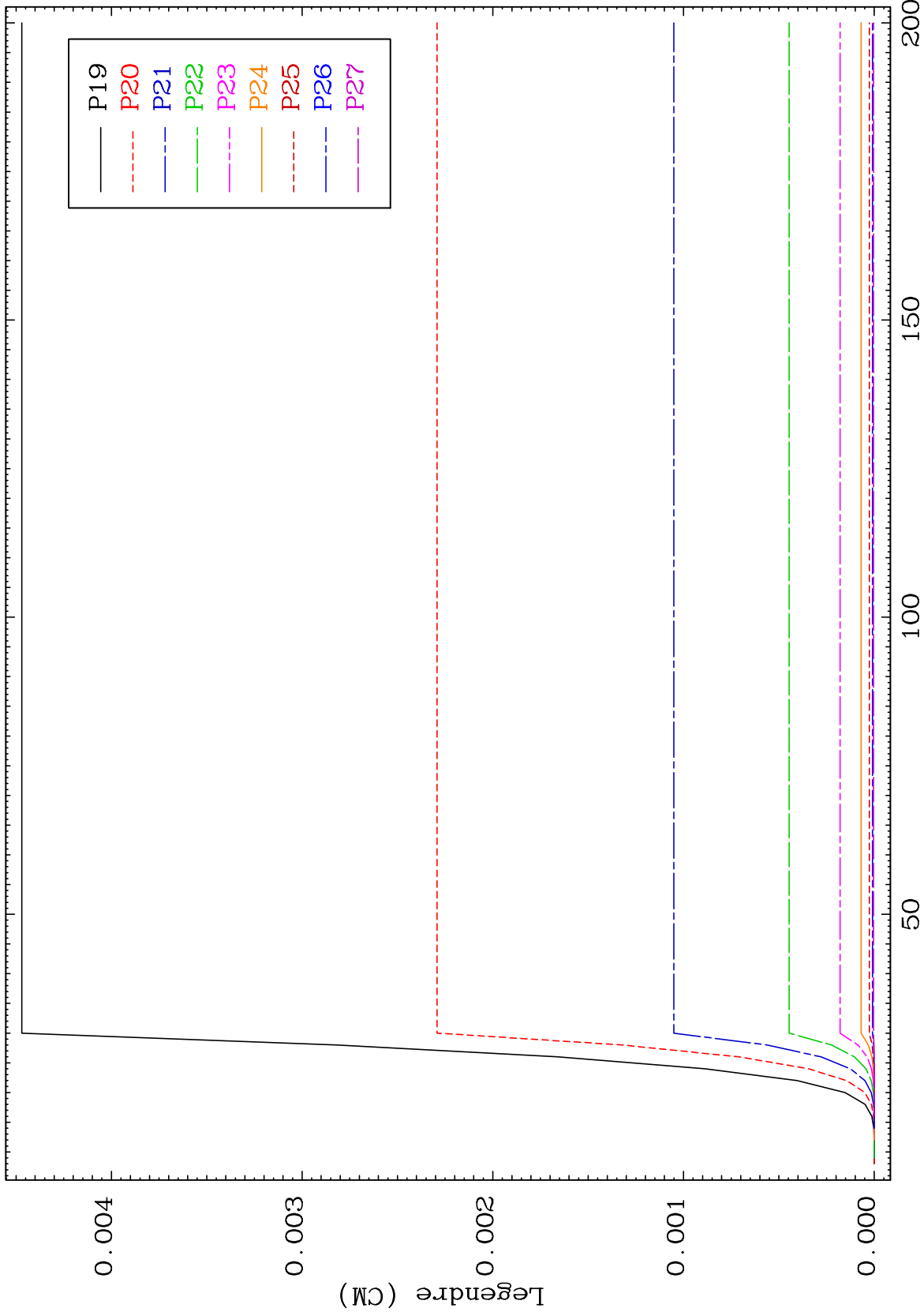
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



64

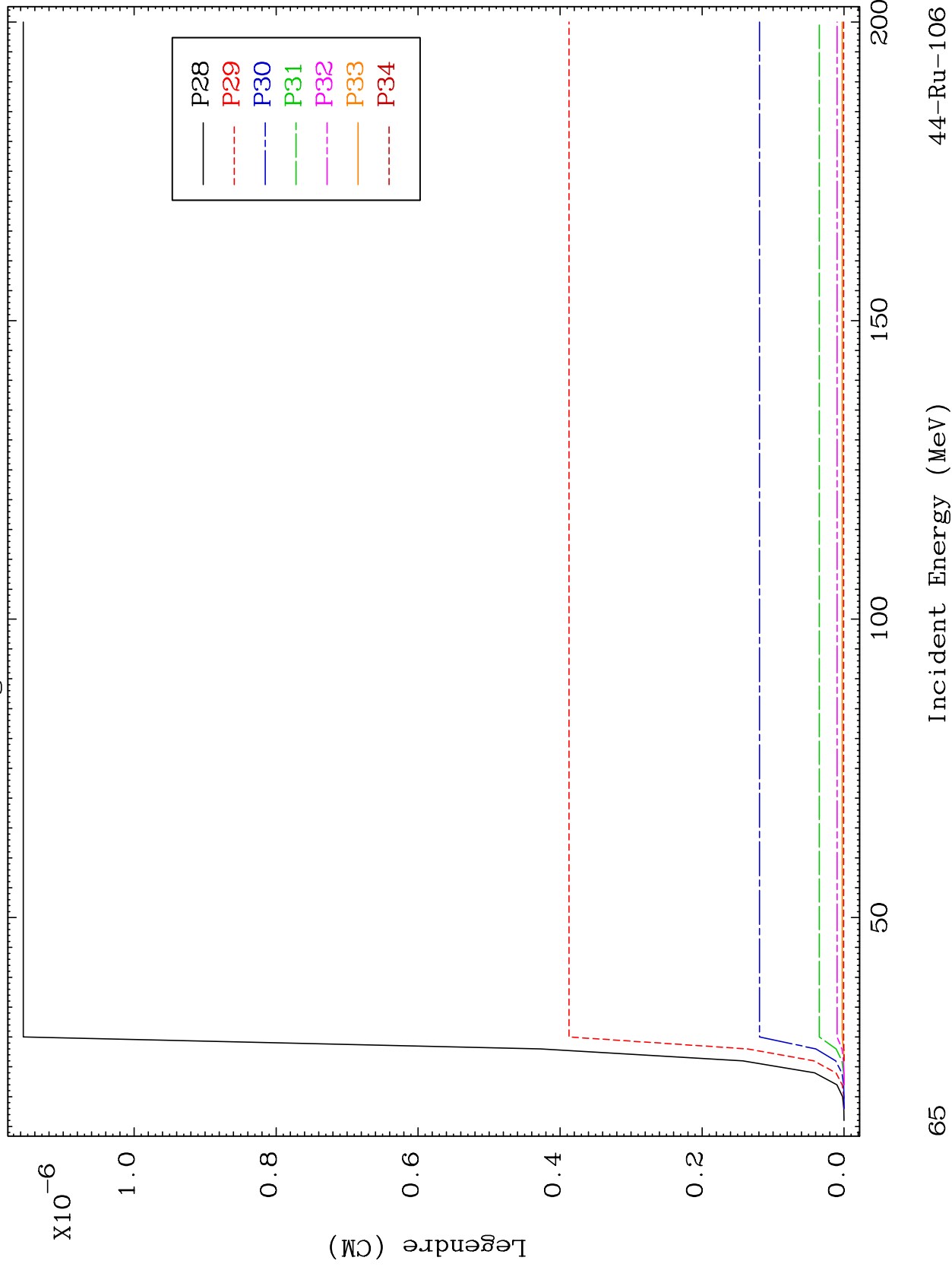
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

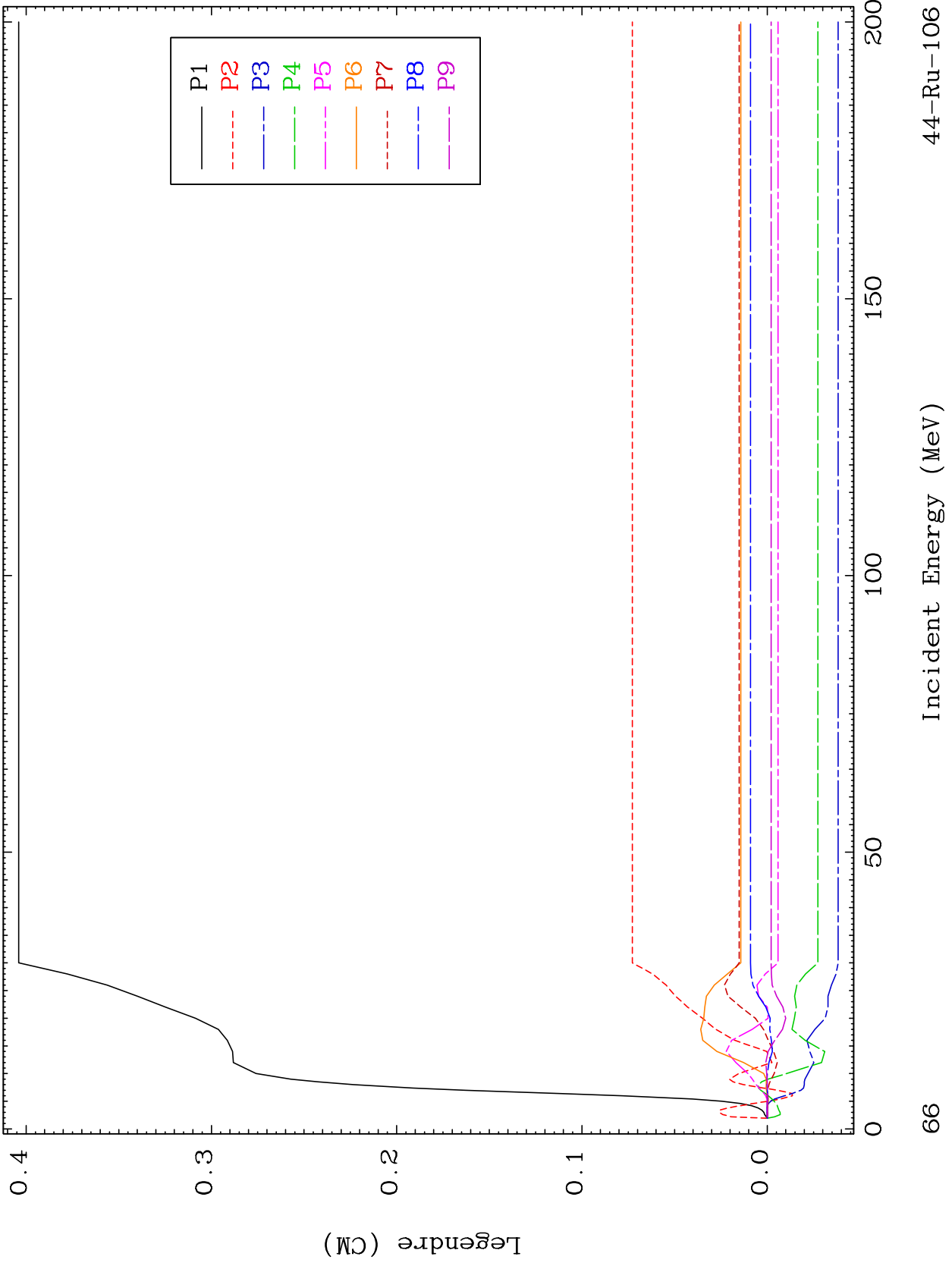
44-Ru-106



MAT 4455

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

44-Ru-106



44-Ru-106

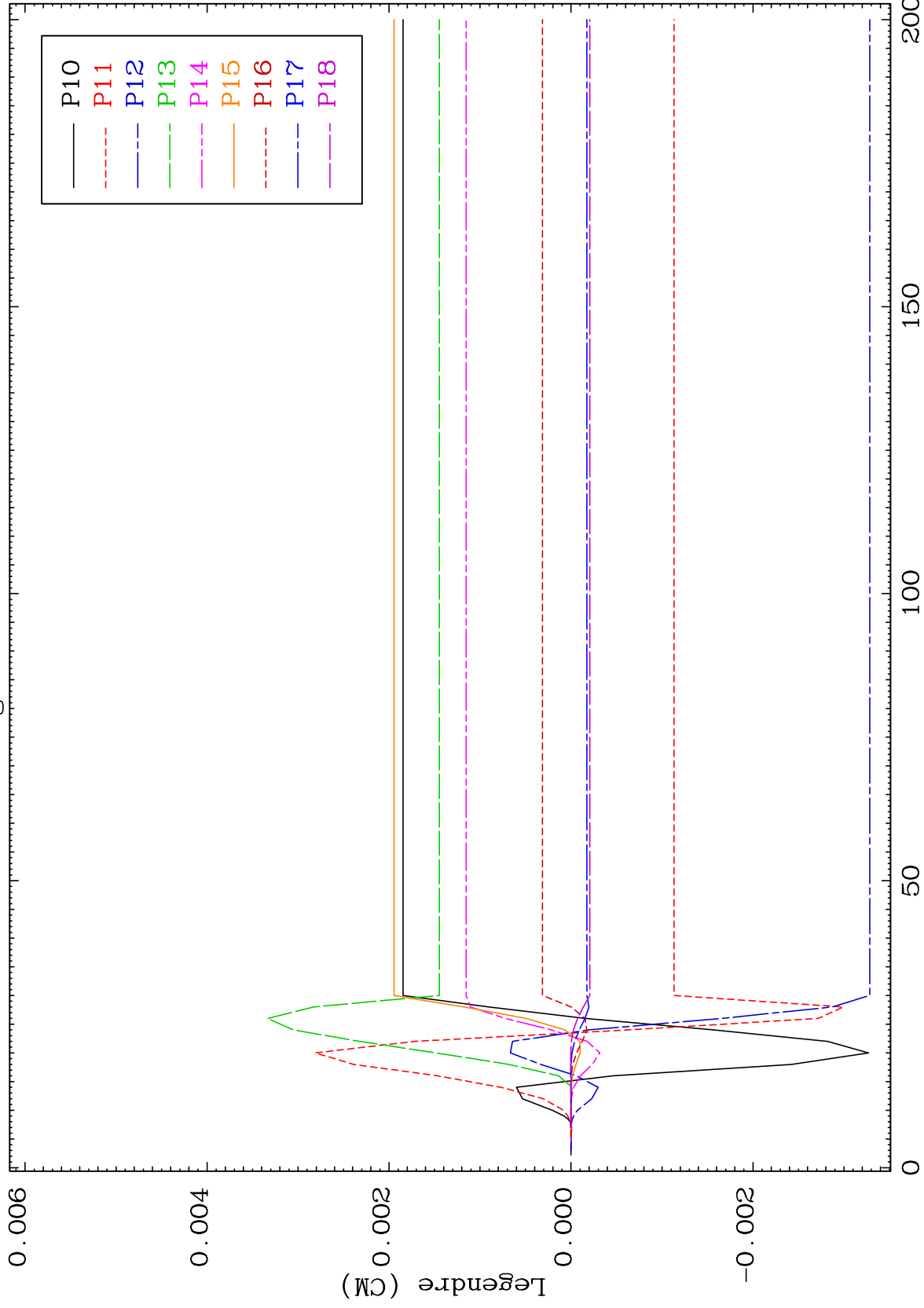
Incident Energy (MeV)

66

MAT 4455

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

44-Ru-106



67

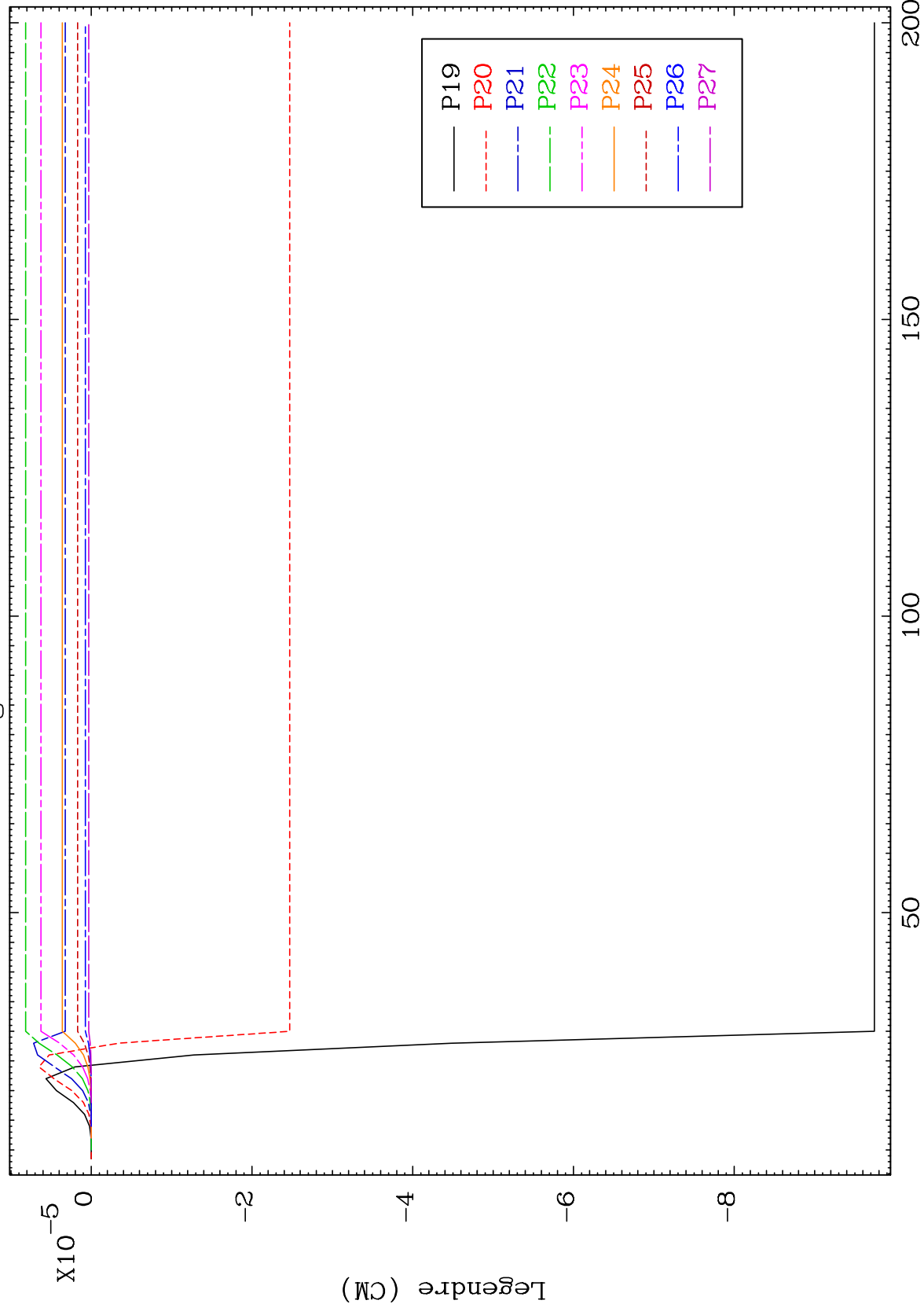
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



68

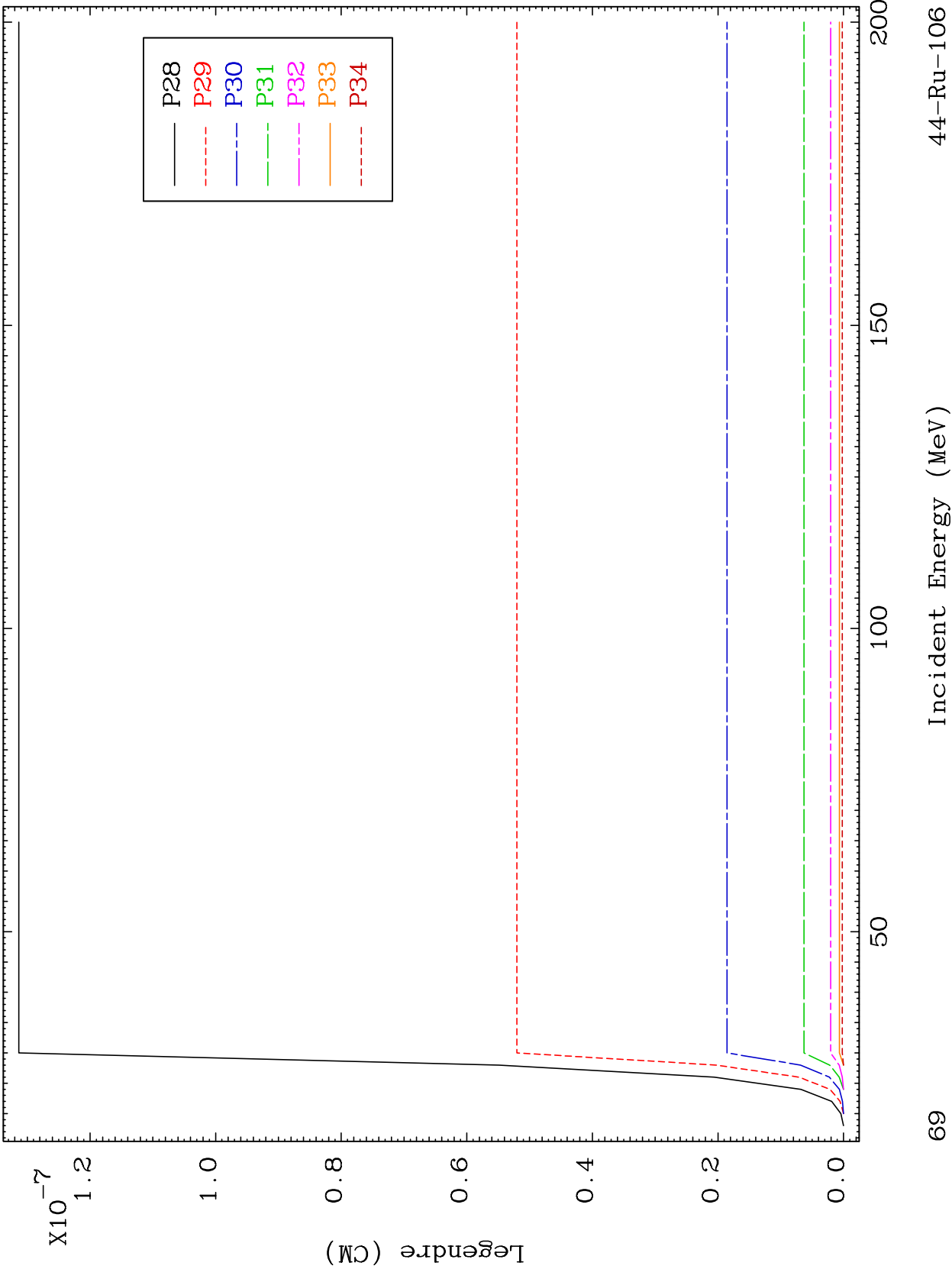
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



69

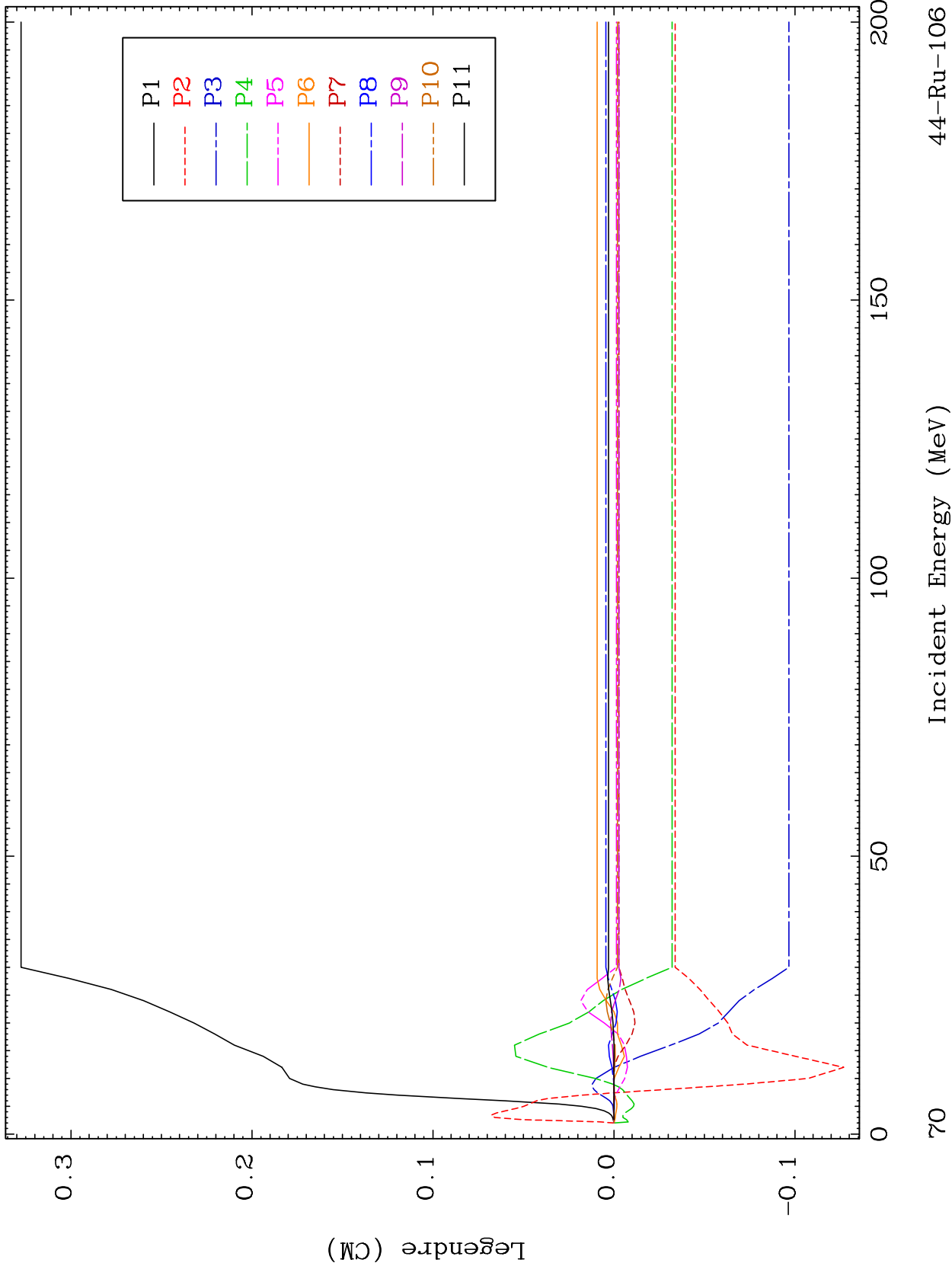
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



44-Ru-106

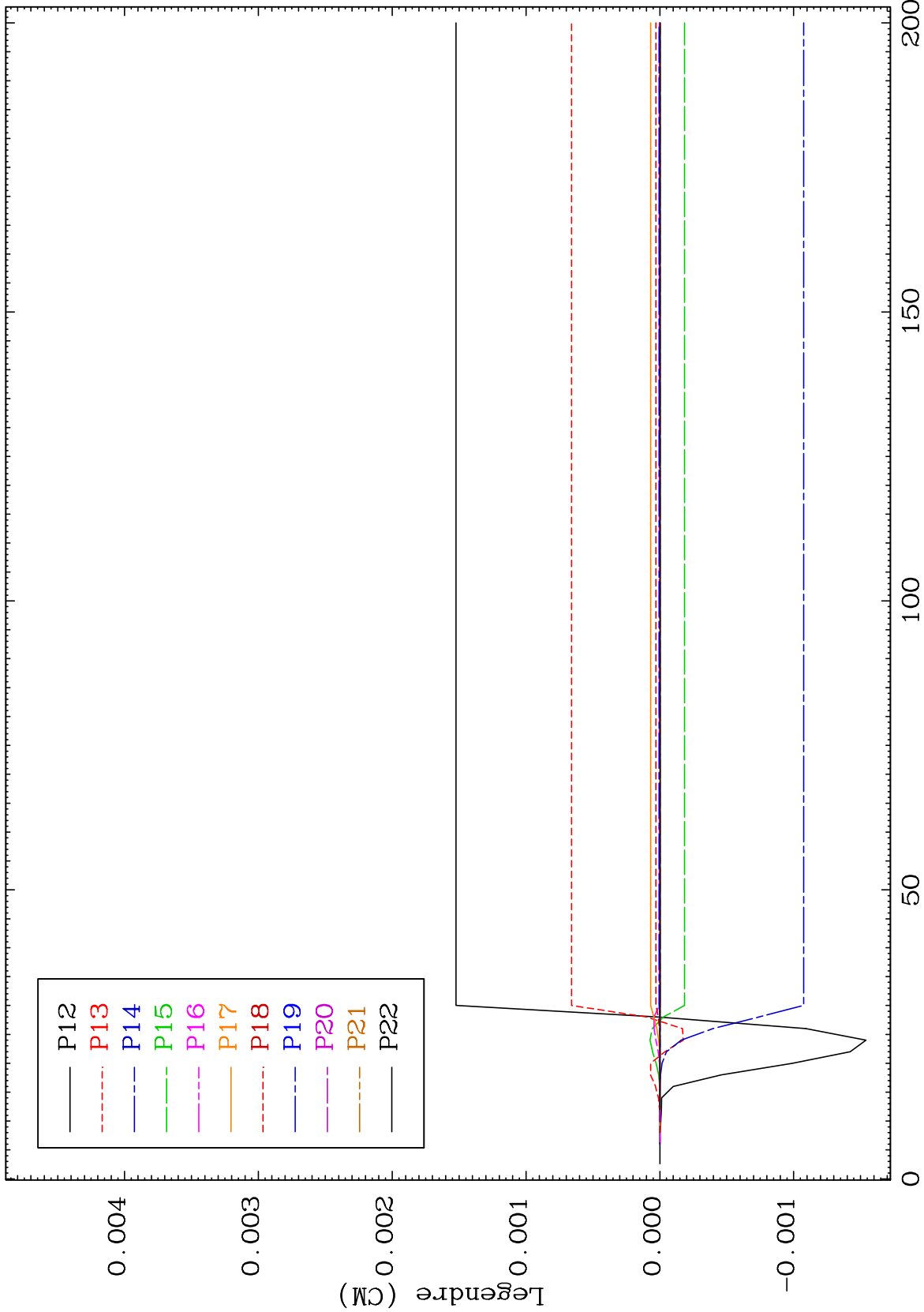
Incident Energy (MeV)

70

MAT 4455

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

44-Ru-106



71

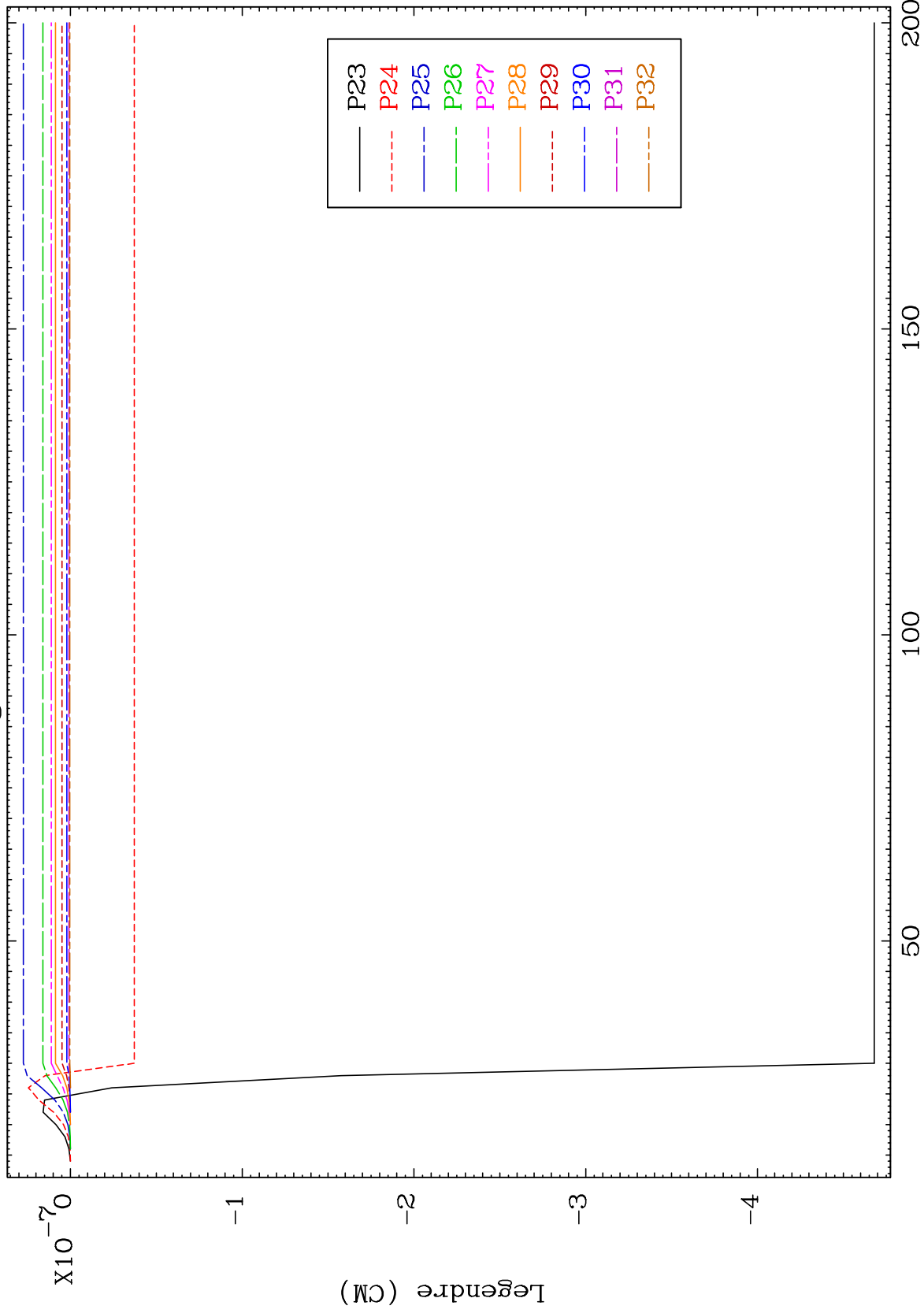
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



72

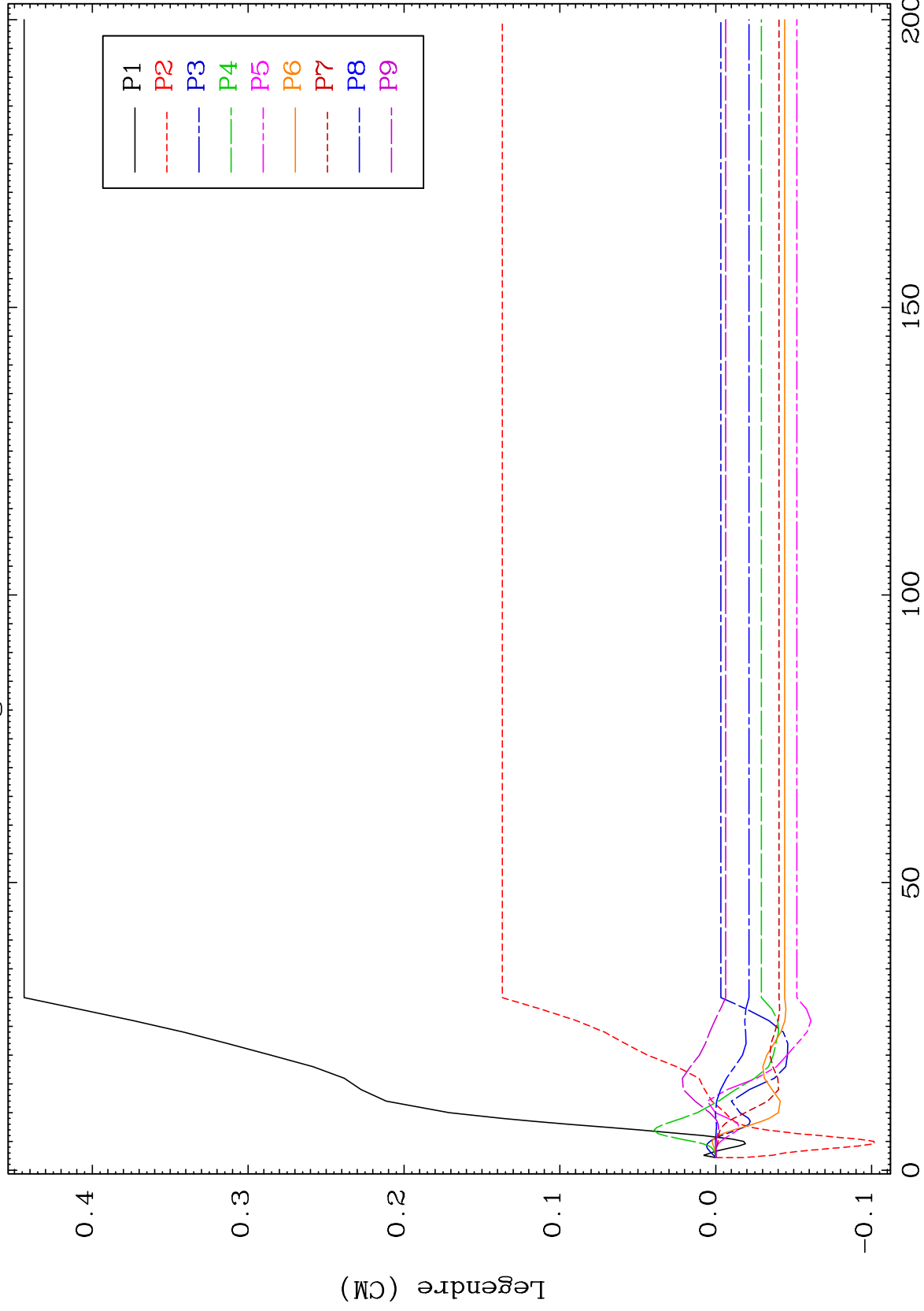
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



73

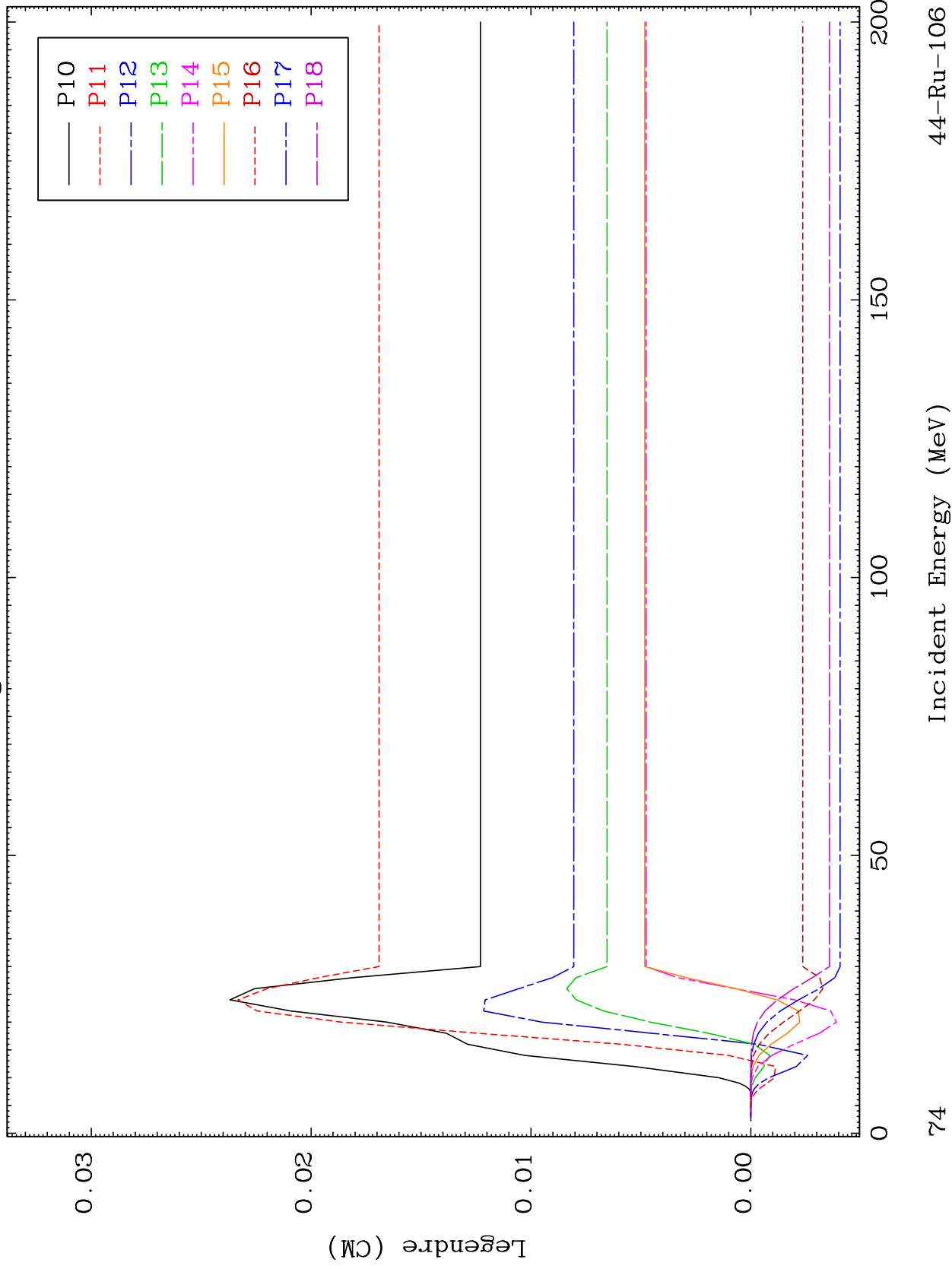
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



74

Incident Energy (MeV)

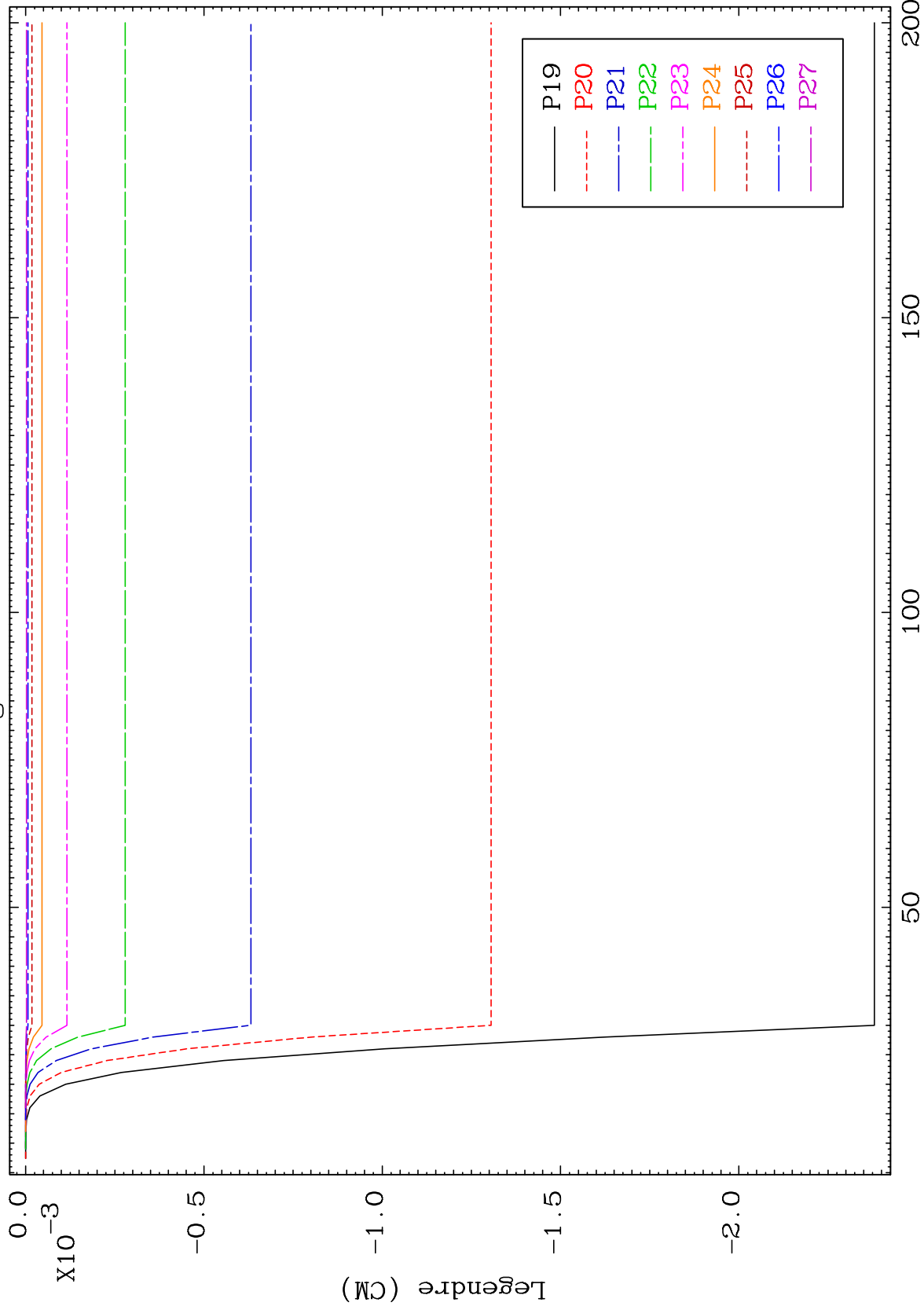
44-Ru-106

MAT 4455

MT= 65 (n,n') Level

44-Ru-106

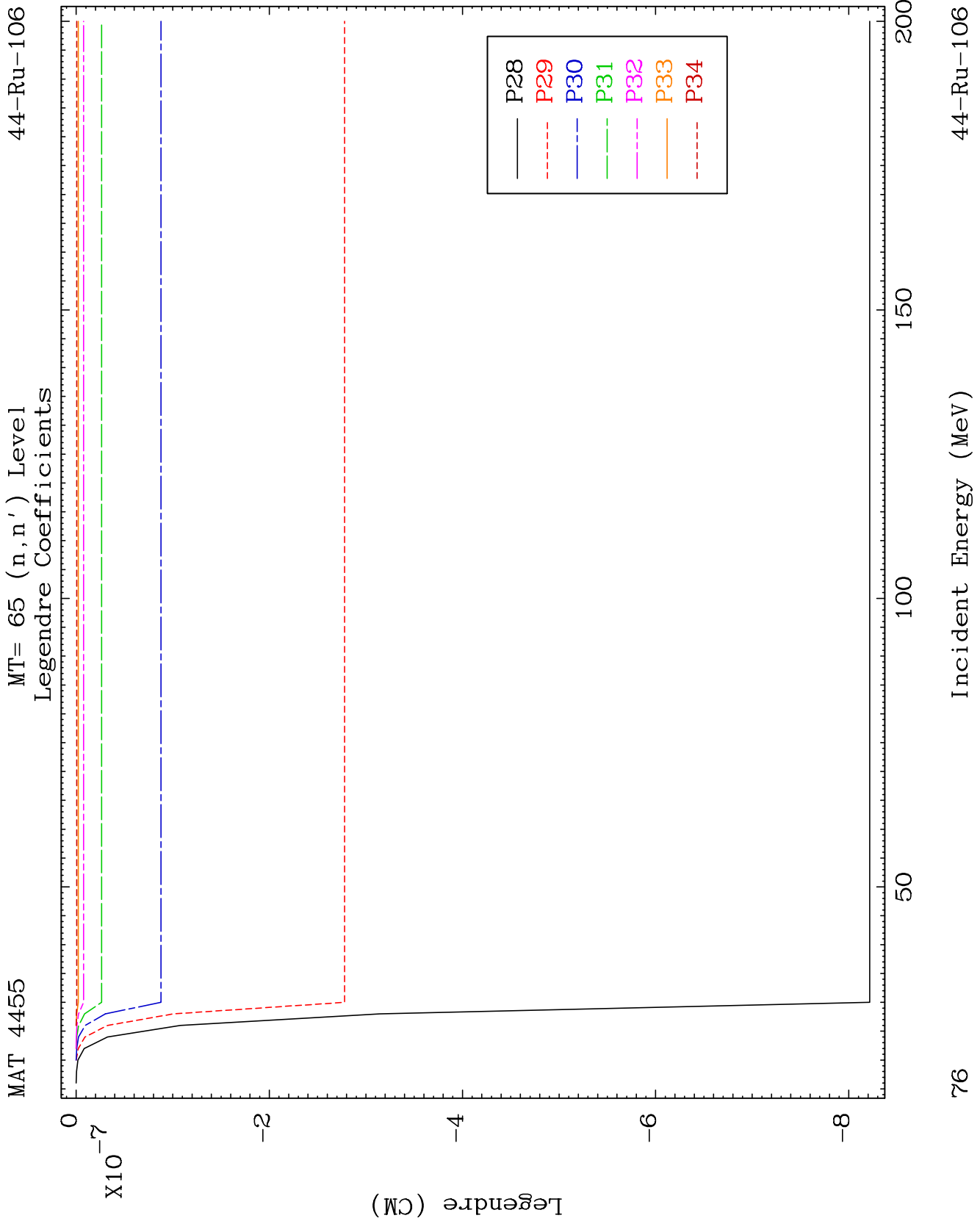
Legendre Coefficients



44-Ru-106

Incident Energy (MeV)

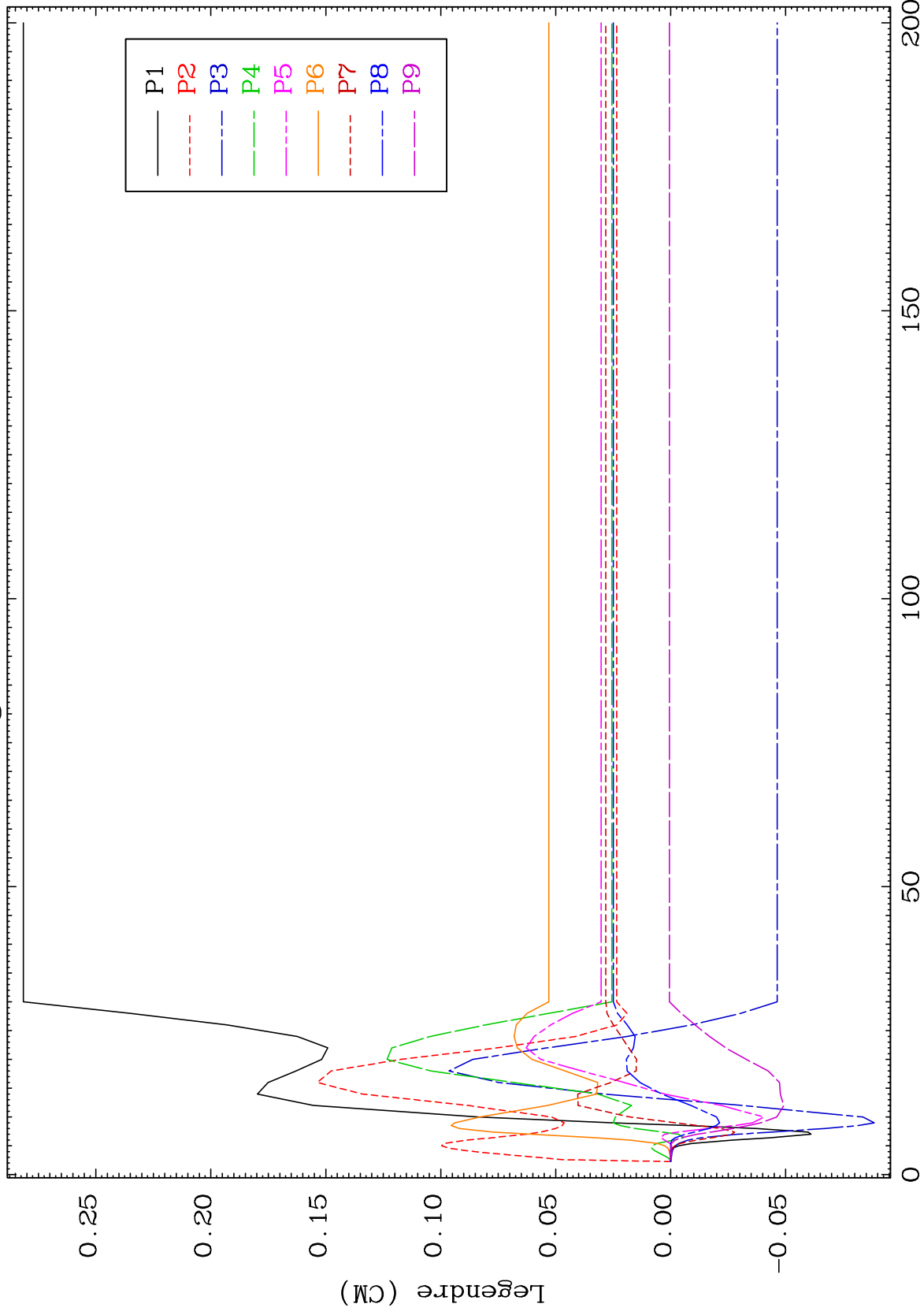
75



MAT 4455

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

44-Ru-106



77

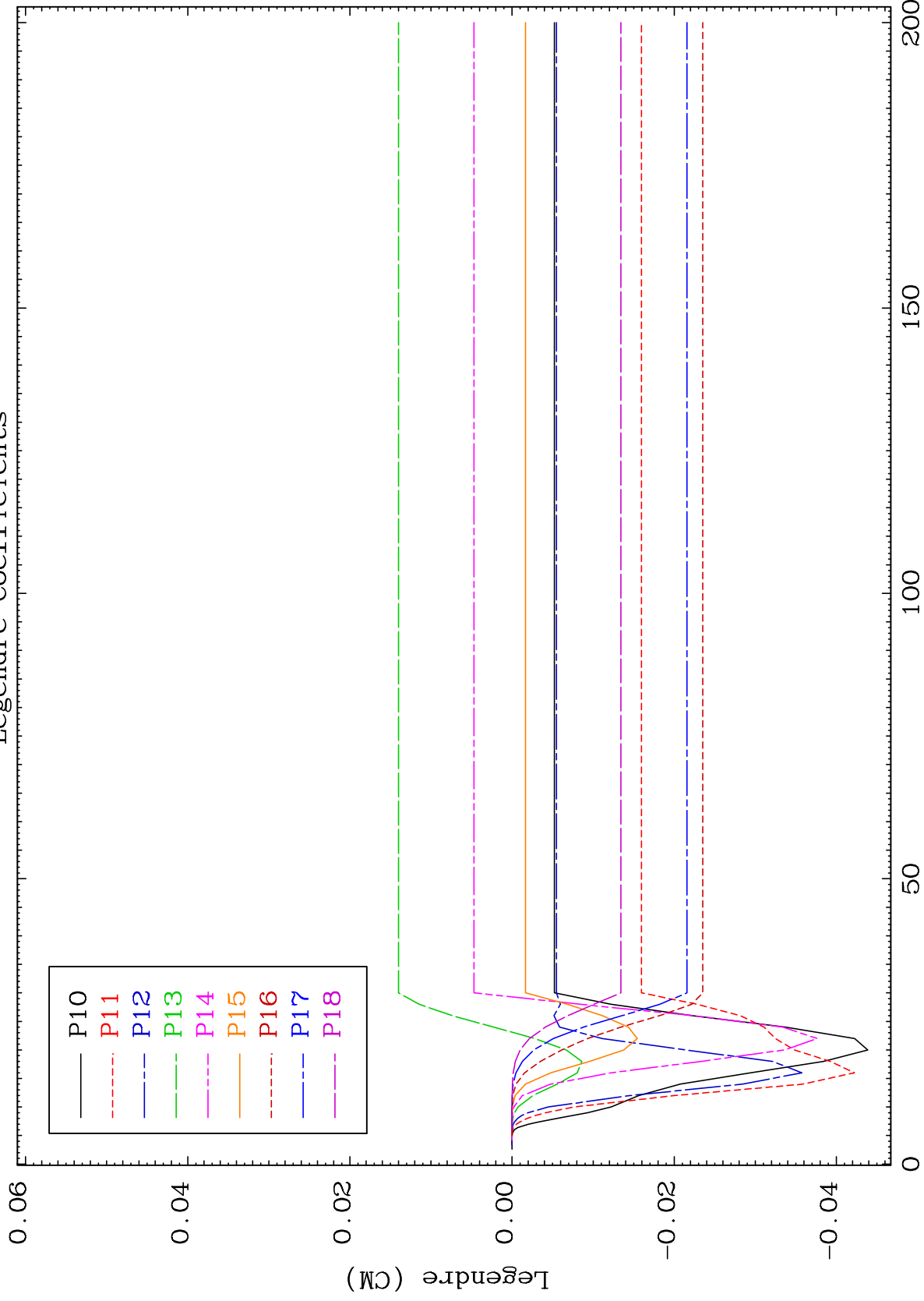
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



78

Incident Energy (MeV)

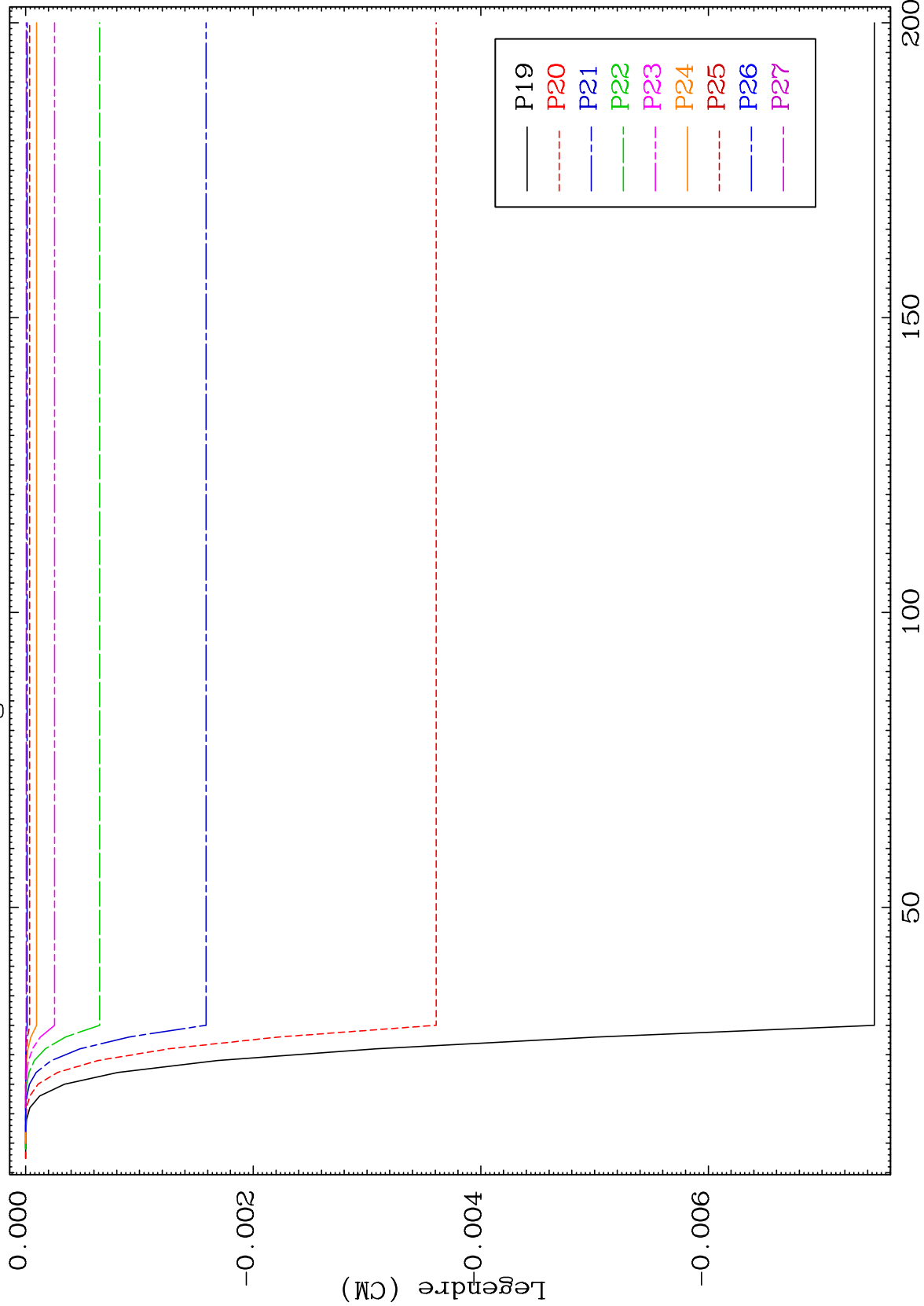
44-Ru-106

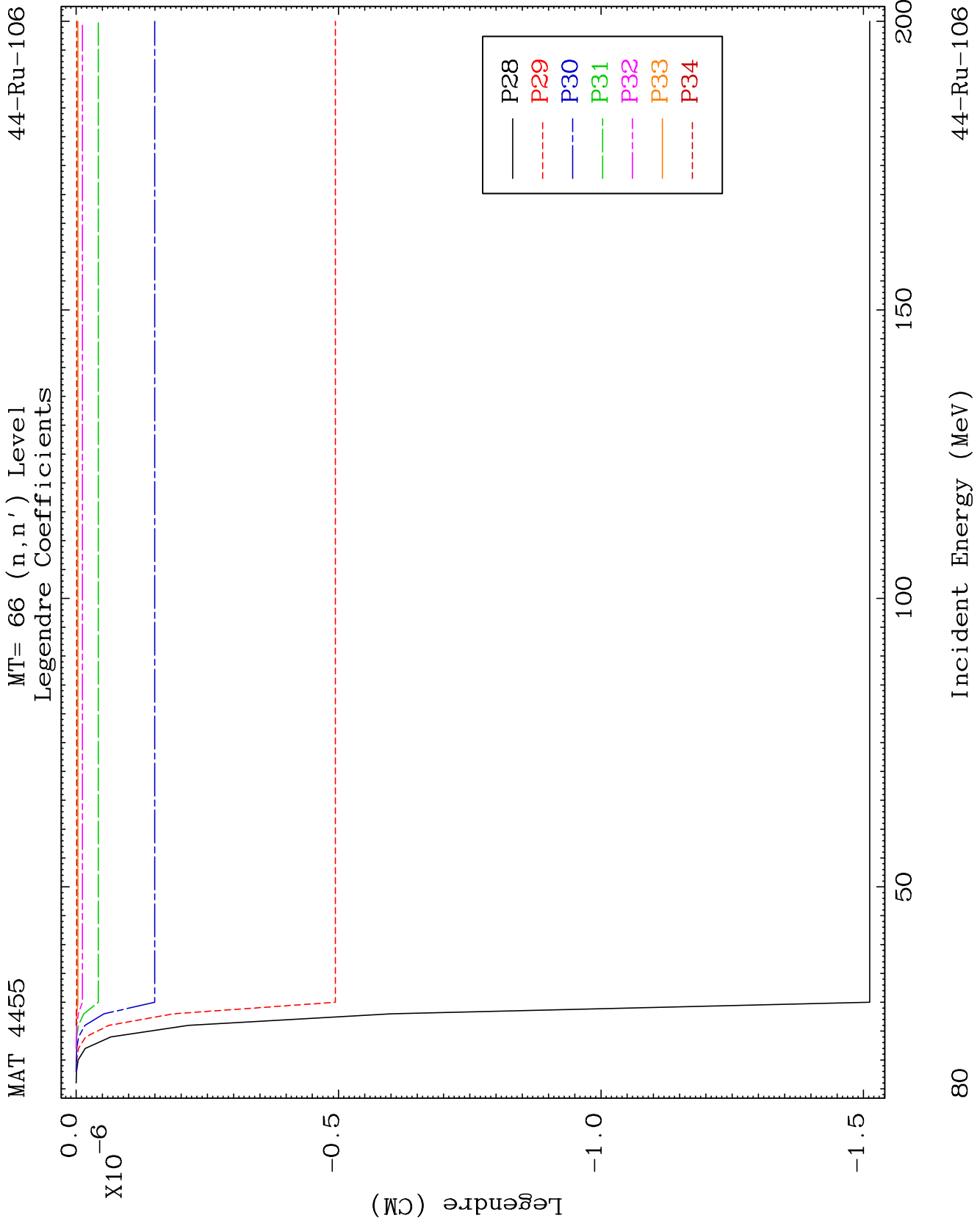
MAT 4455

MT= 66 (n,n') Level

44-Ru-106

Legendre Coefficients

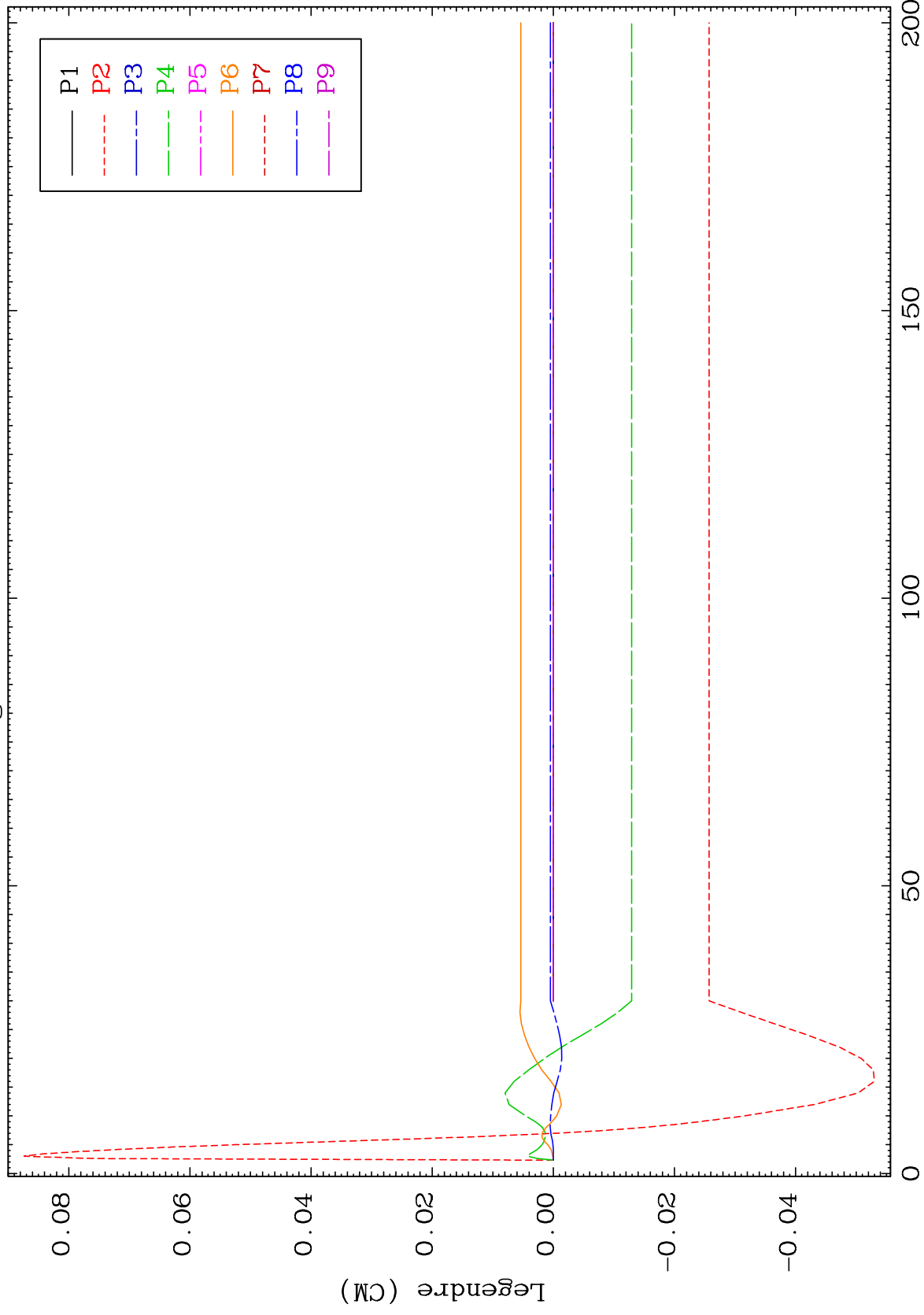




MAT 4455

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

44-Ru-106



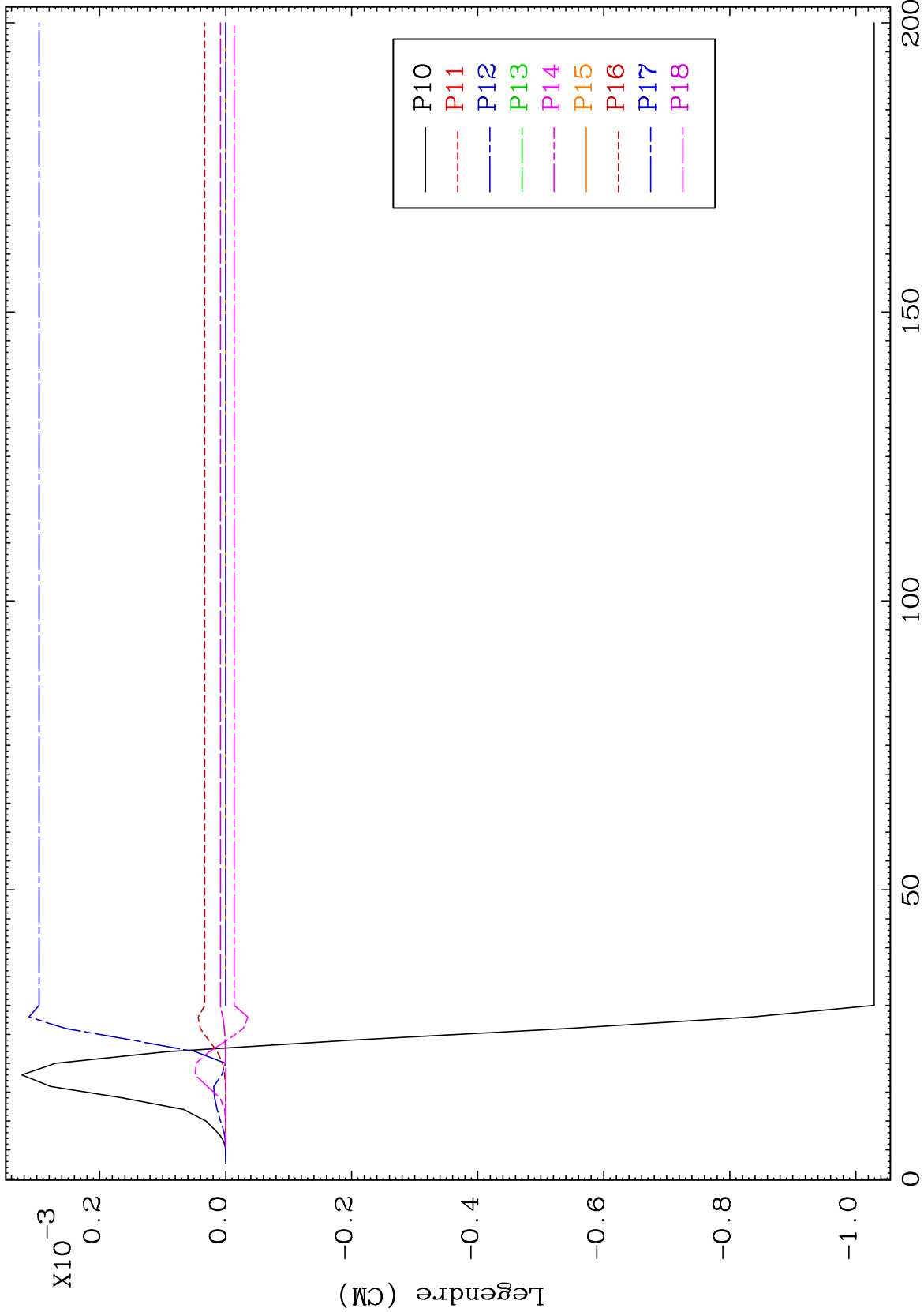
81

44-Ru-106

MAT 4455

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

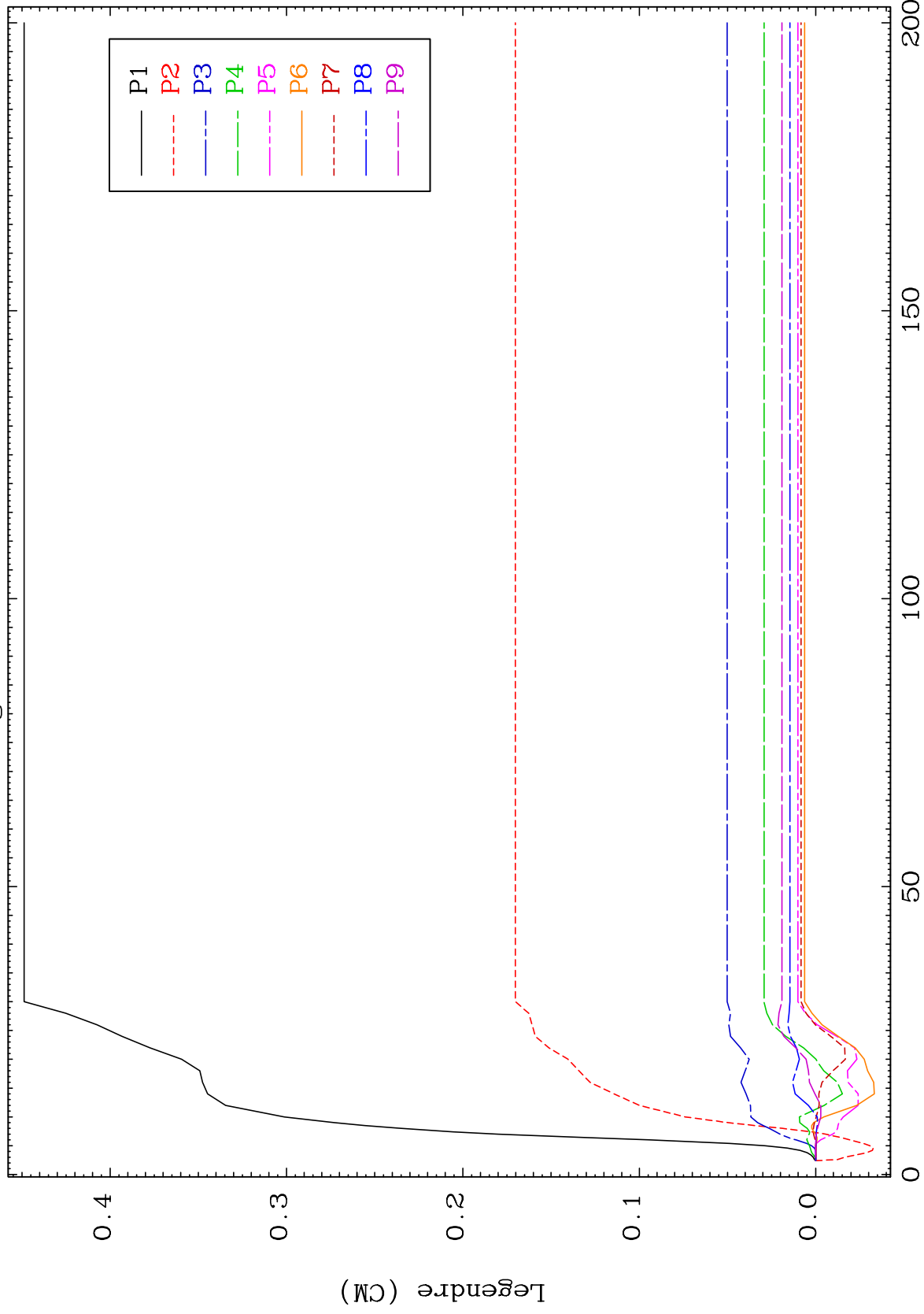
44-Ru-106



MAT 4455

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

44-Ru-106



44-Ru-106

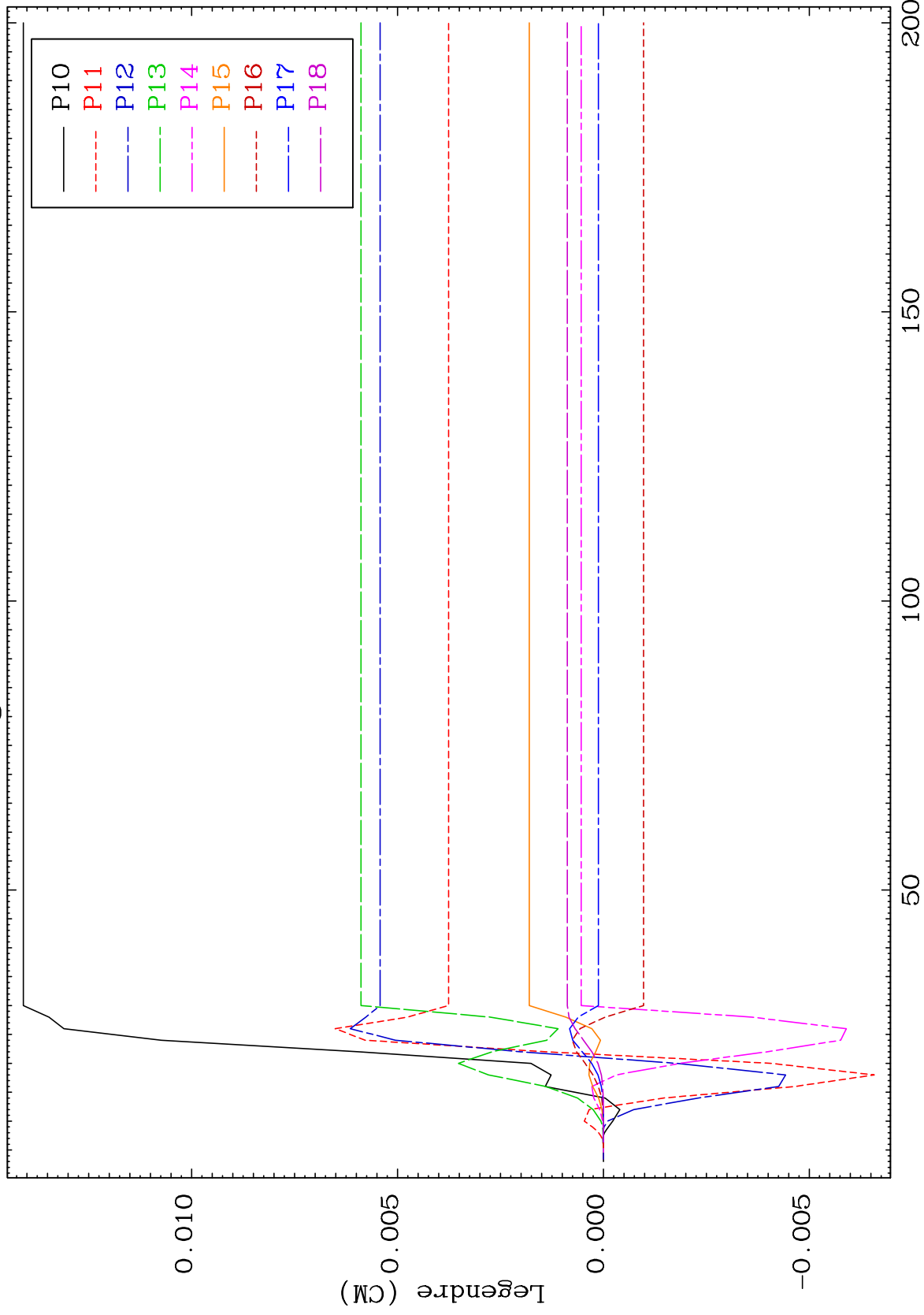
Incident Energy (MeV)

84

MAT 4455

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

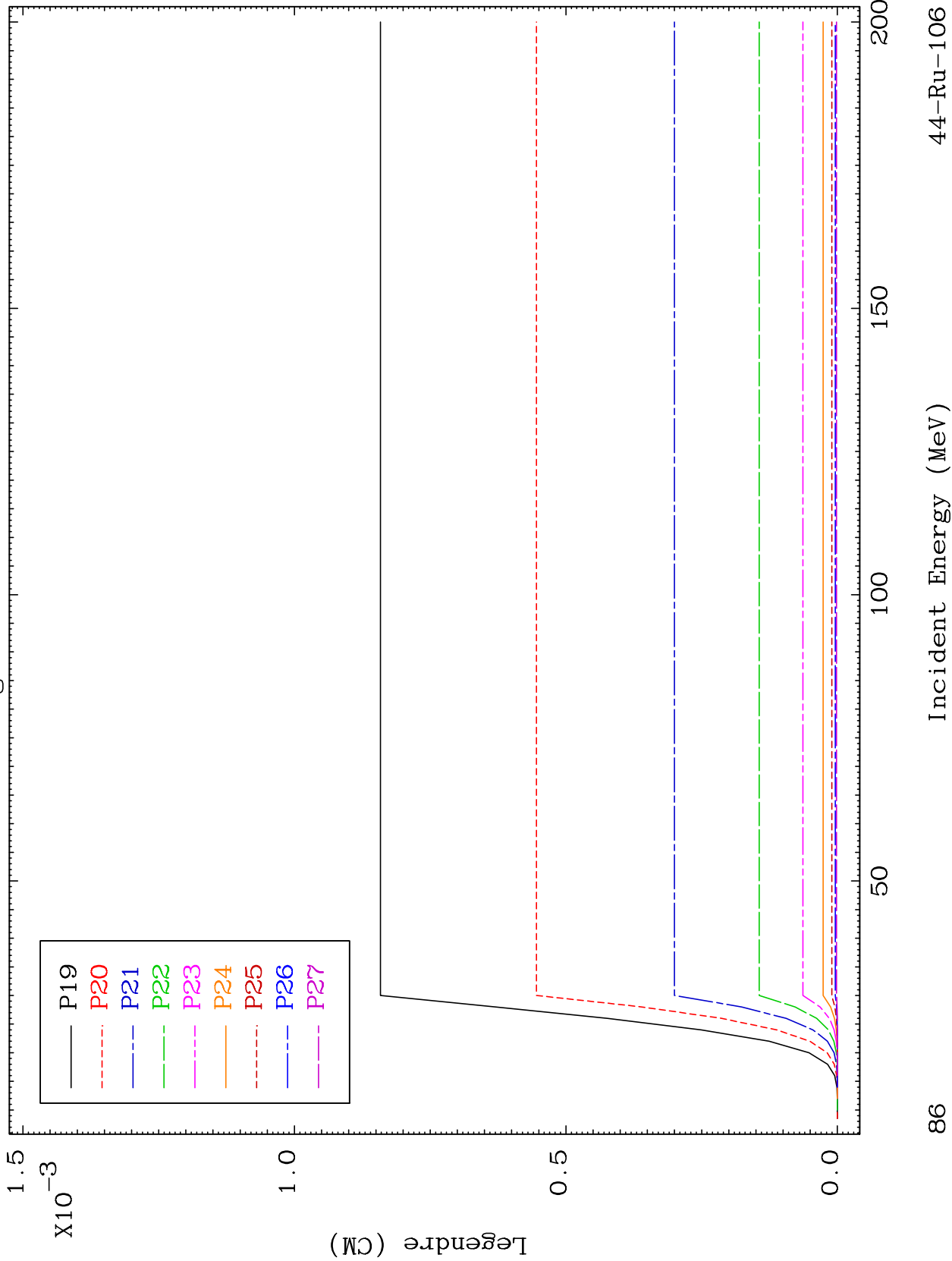
44-Ru-106



85

Incident Energy (MeV)

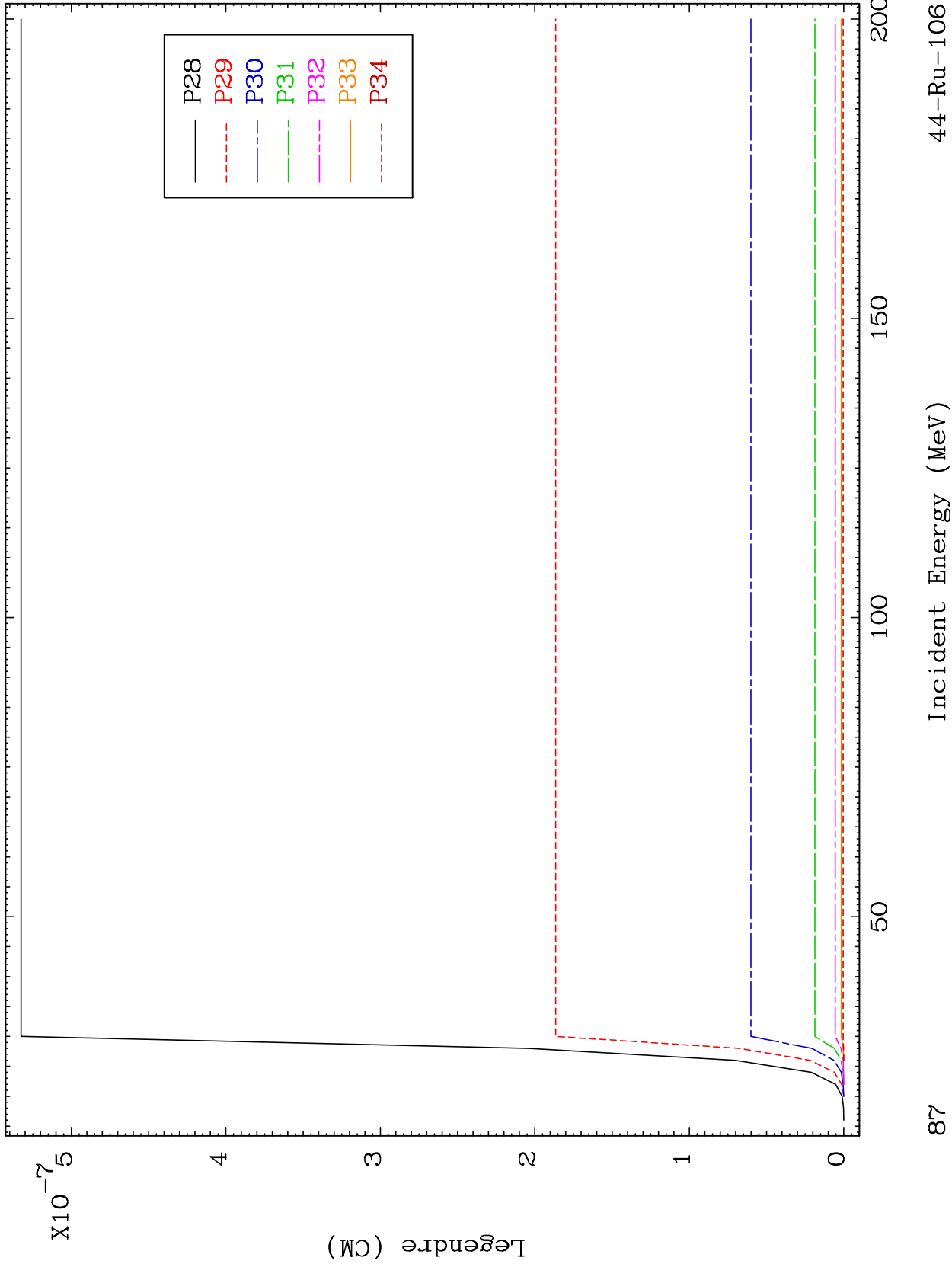
44-Ru-106



MAT 4455

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

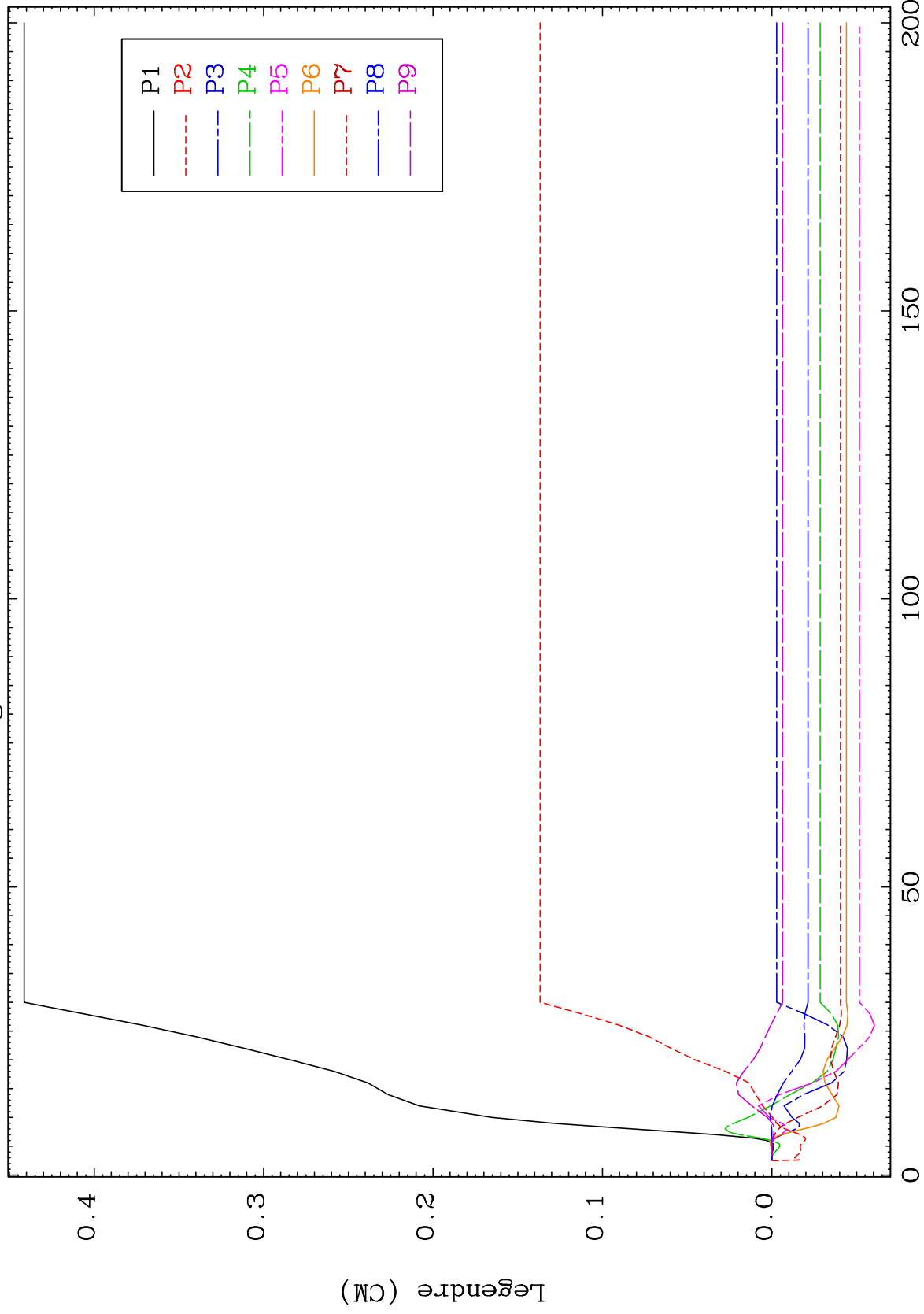
44-Ru-106



MAT 4455

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

44-Ru-106



88

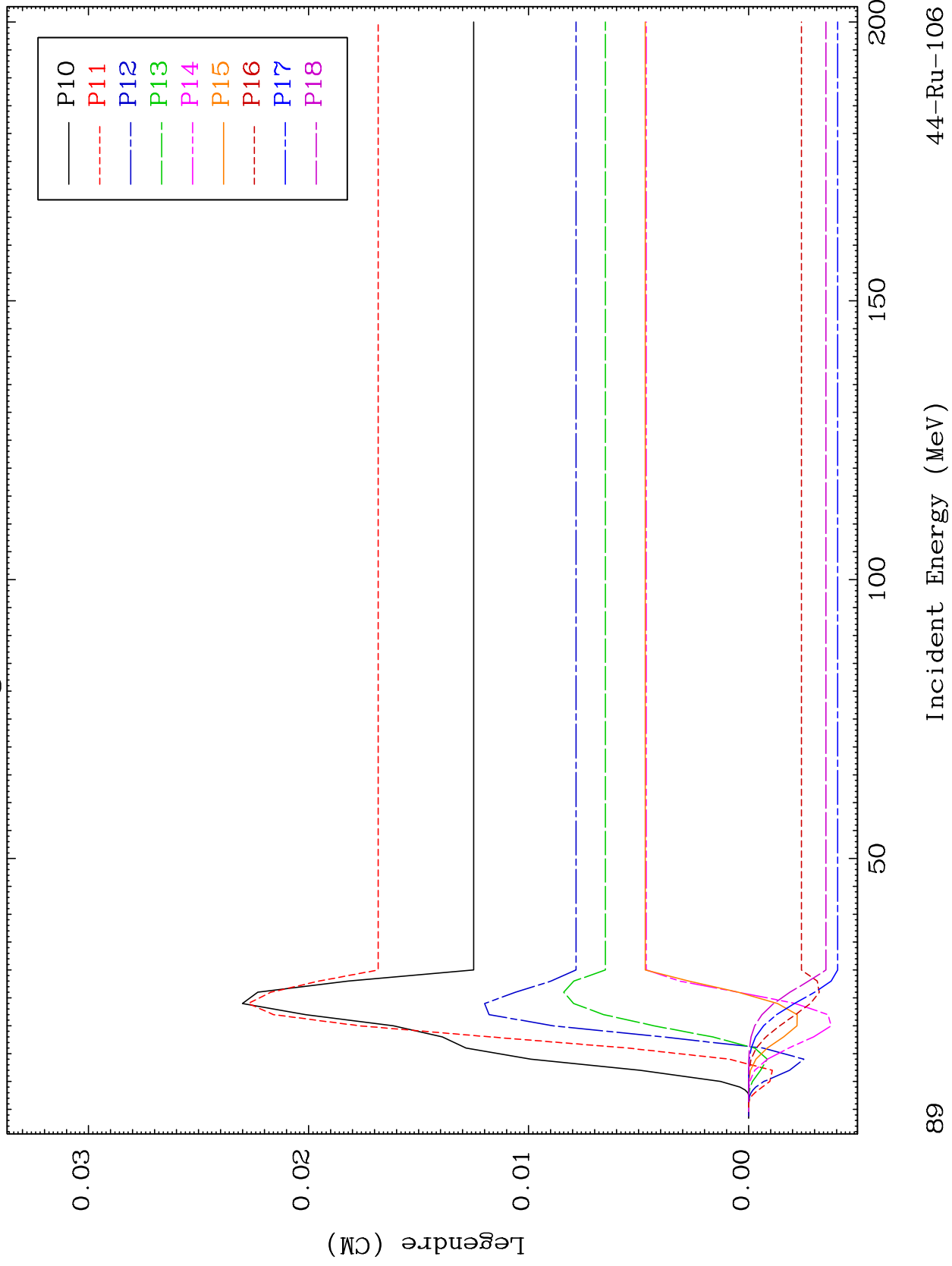
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



89

Incident Energy (MeV)

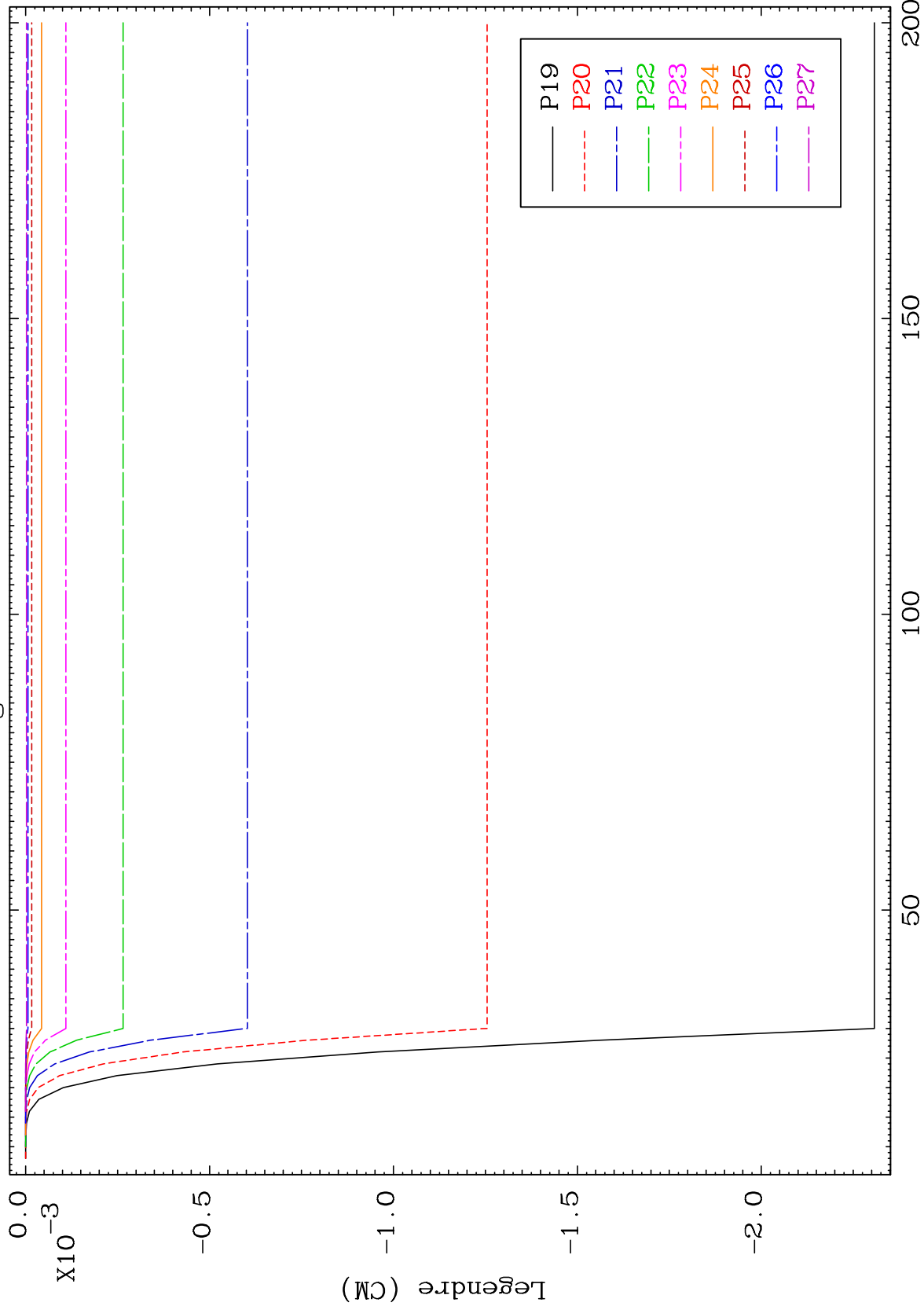
44-Ru-106

MAT 4455

MT= 69 (n,n') Level

44-Ru-106

Legendre Coefficients



44-Ru-106

Incident Energy (MeV)

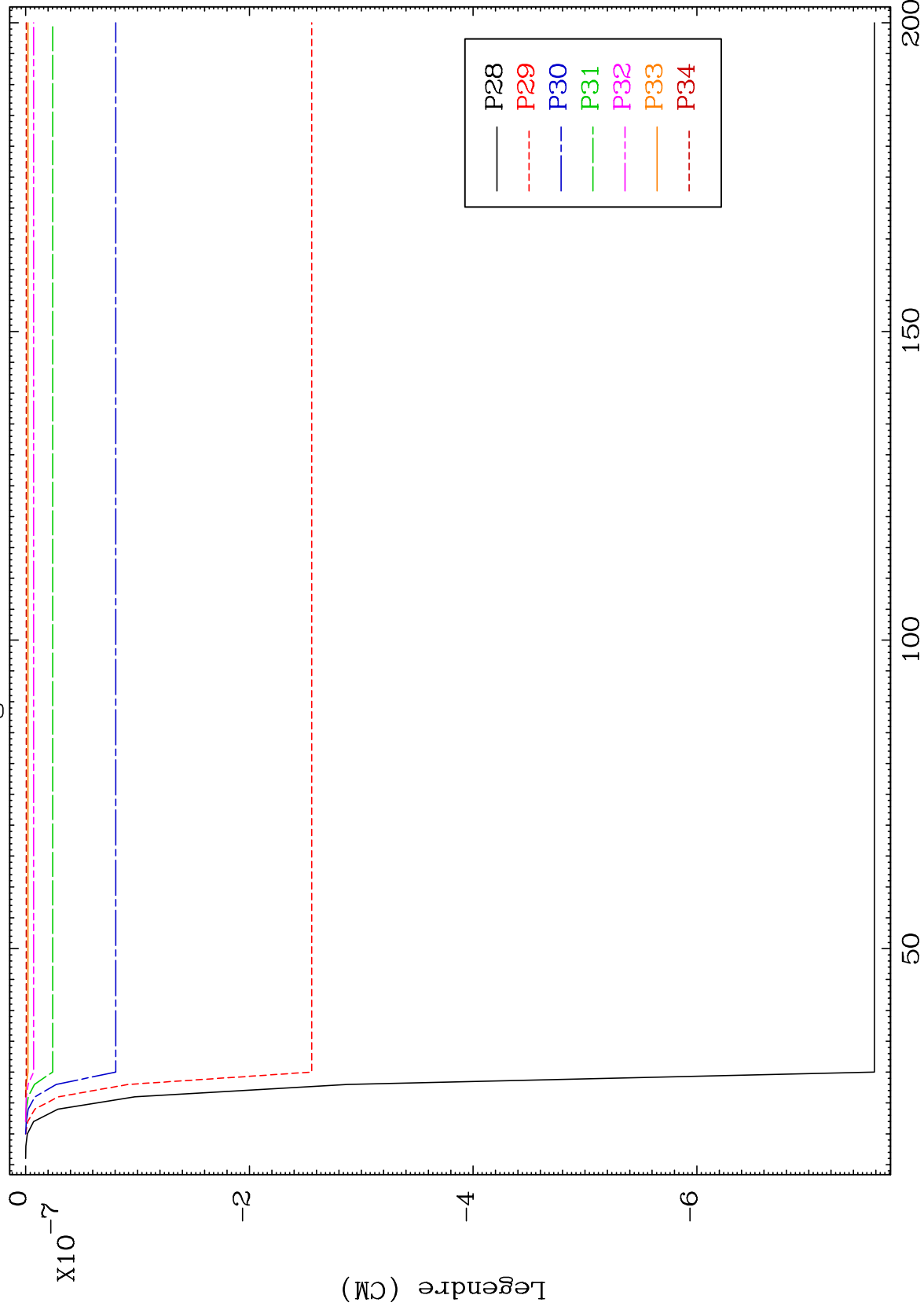
90

MAT 4455

MT= 69 (n,n') Level

44-Ru-106

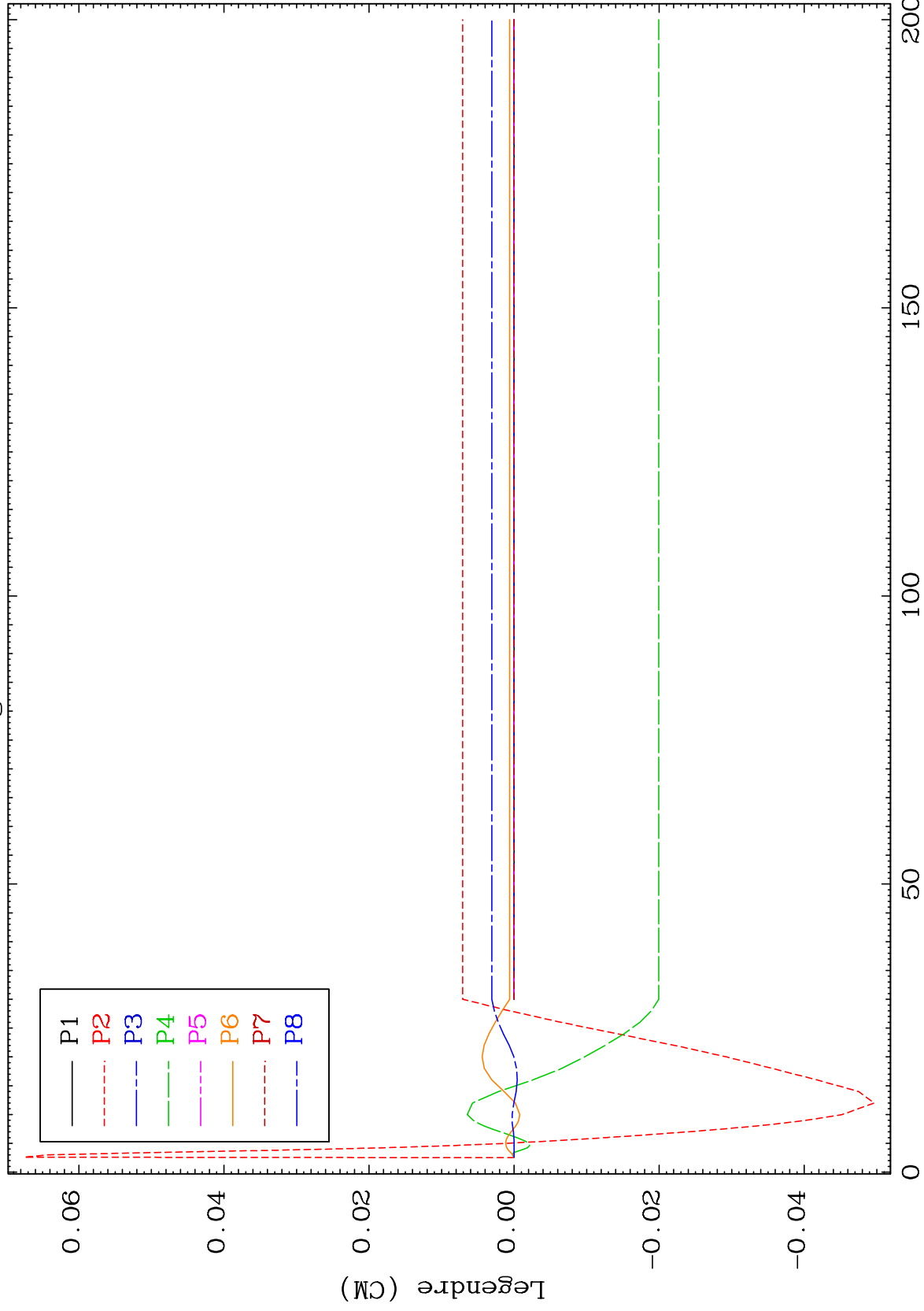
Legendre Coefficients



MAT 4455

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

44-Ru-106



92

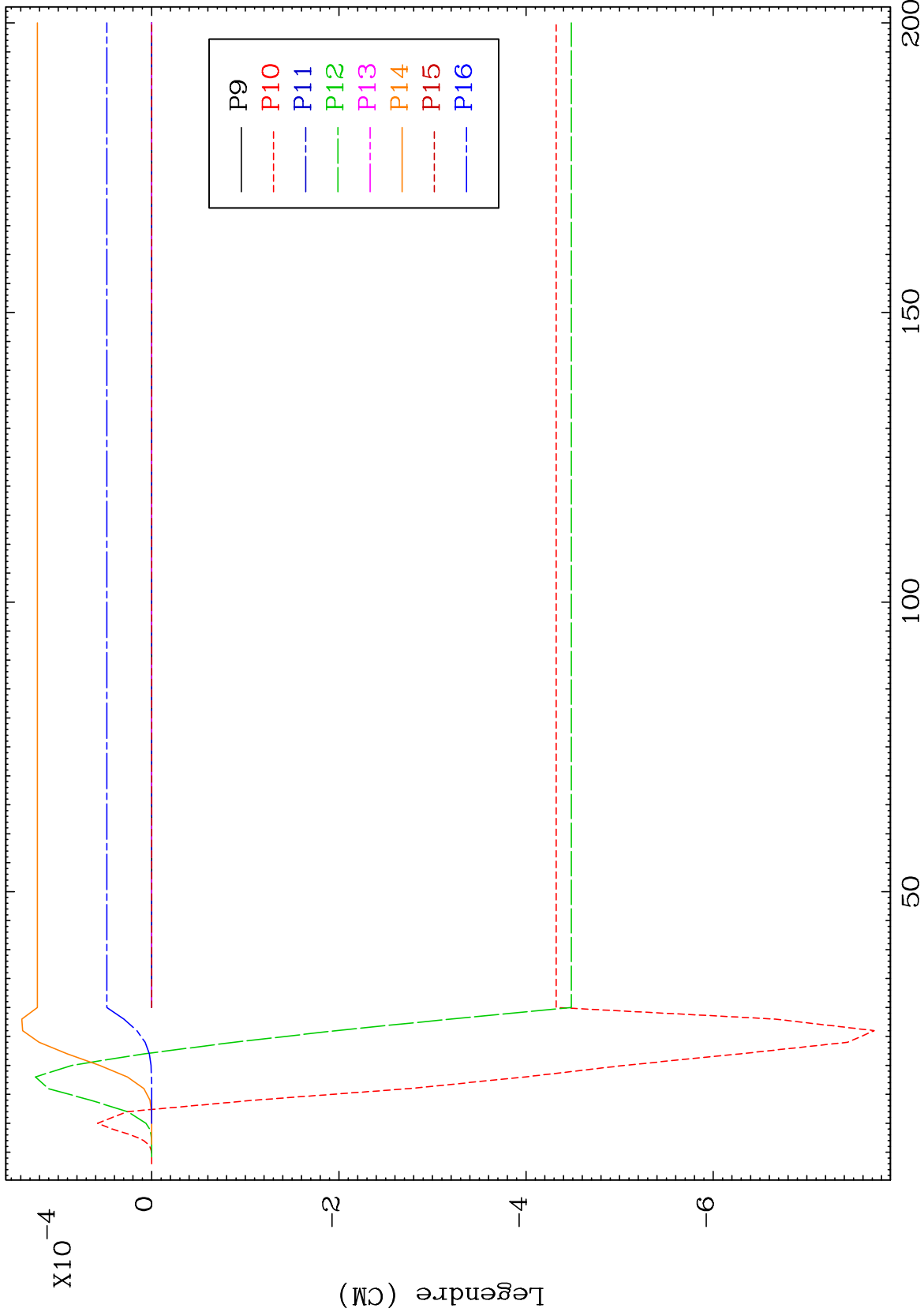
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



93

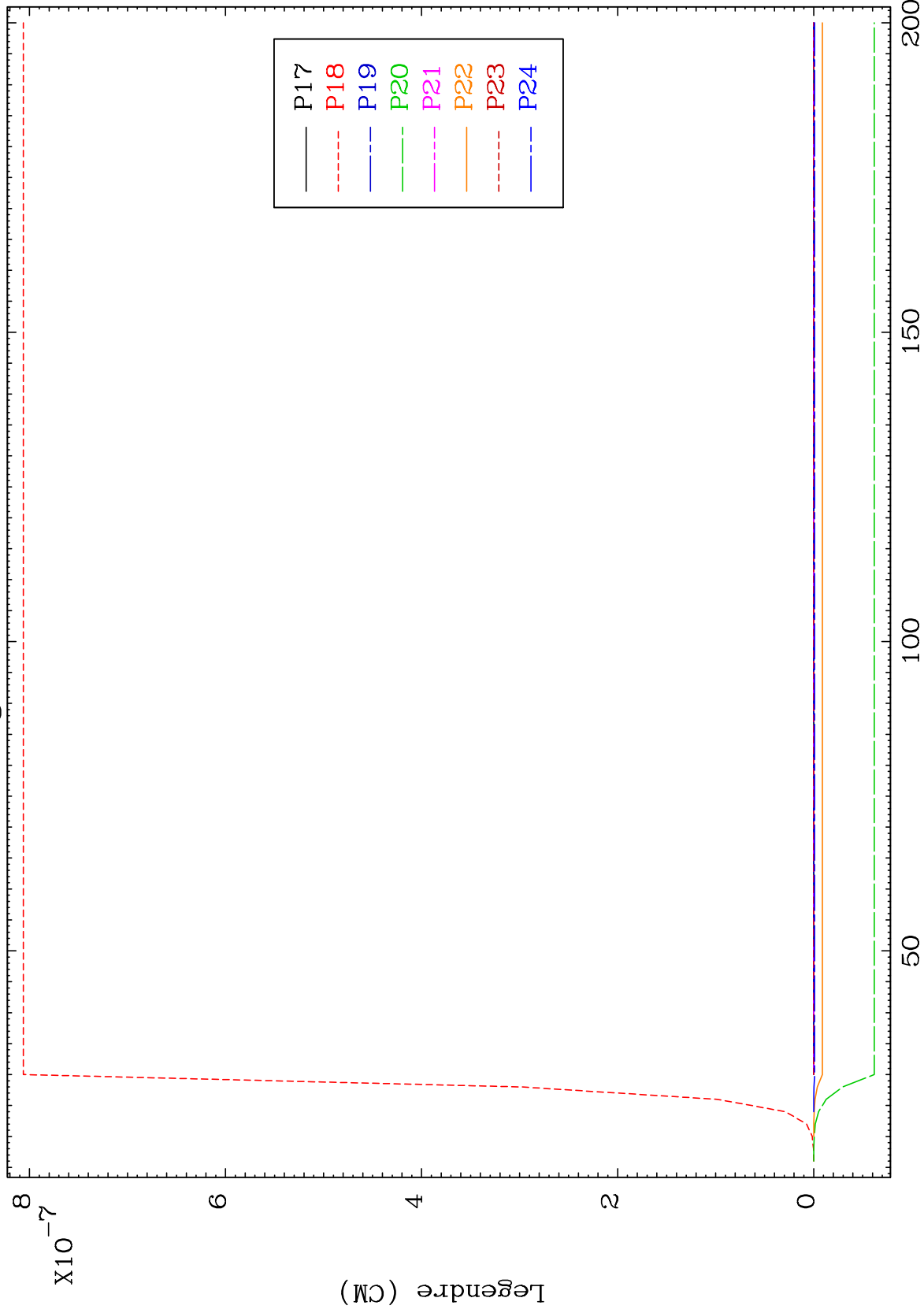
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



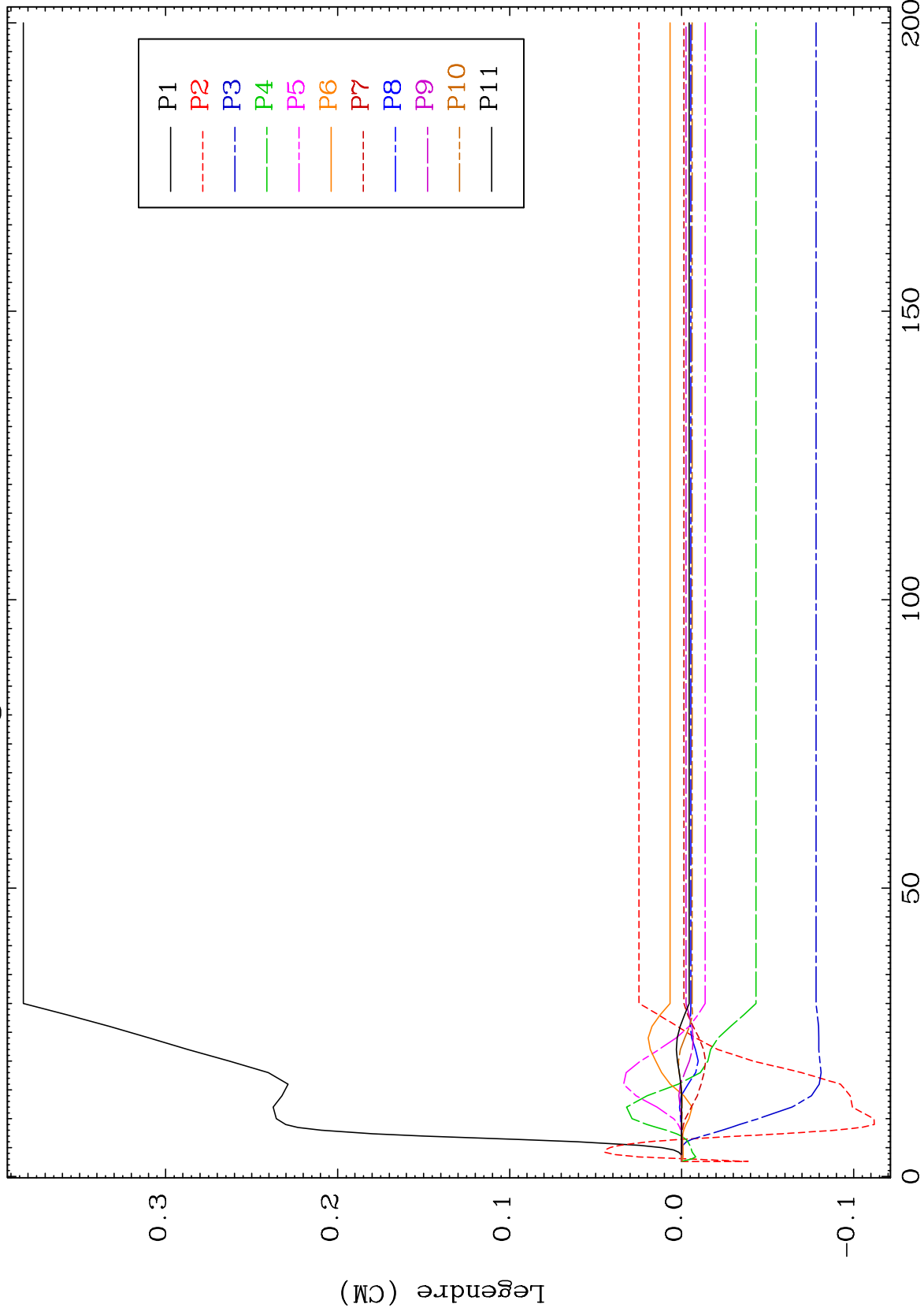
94

44-Ru-106

MAT 4455

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

44-Ru-106



95

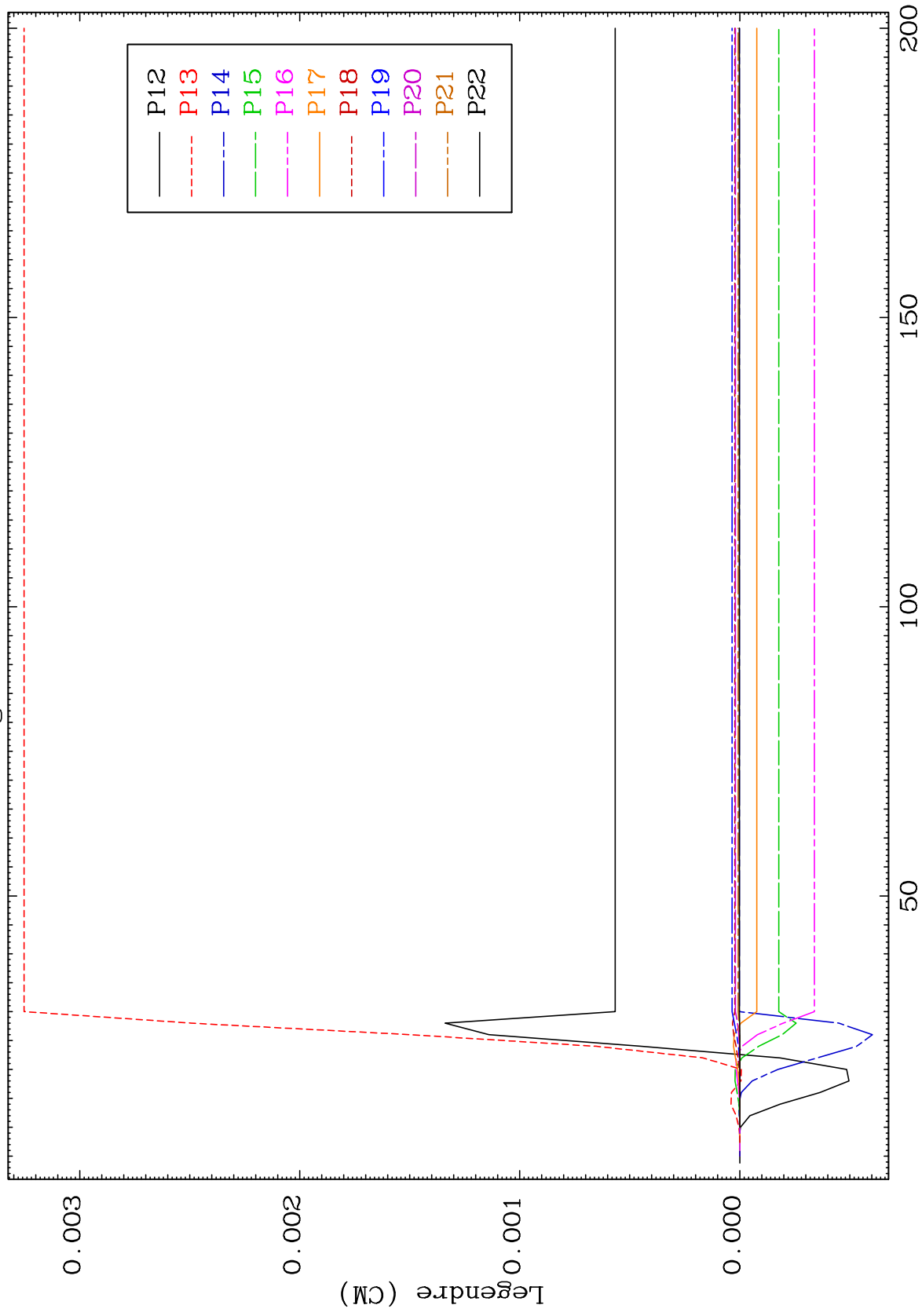
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



96

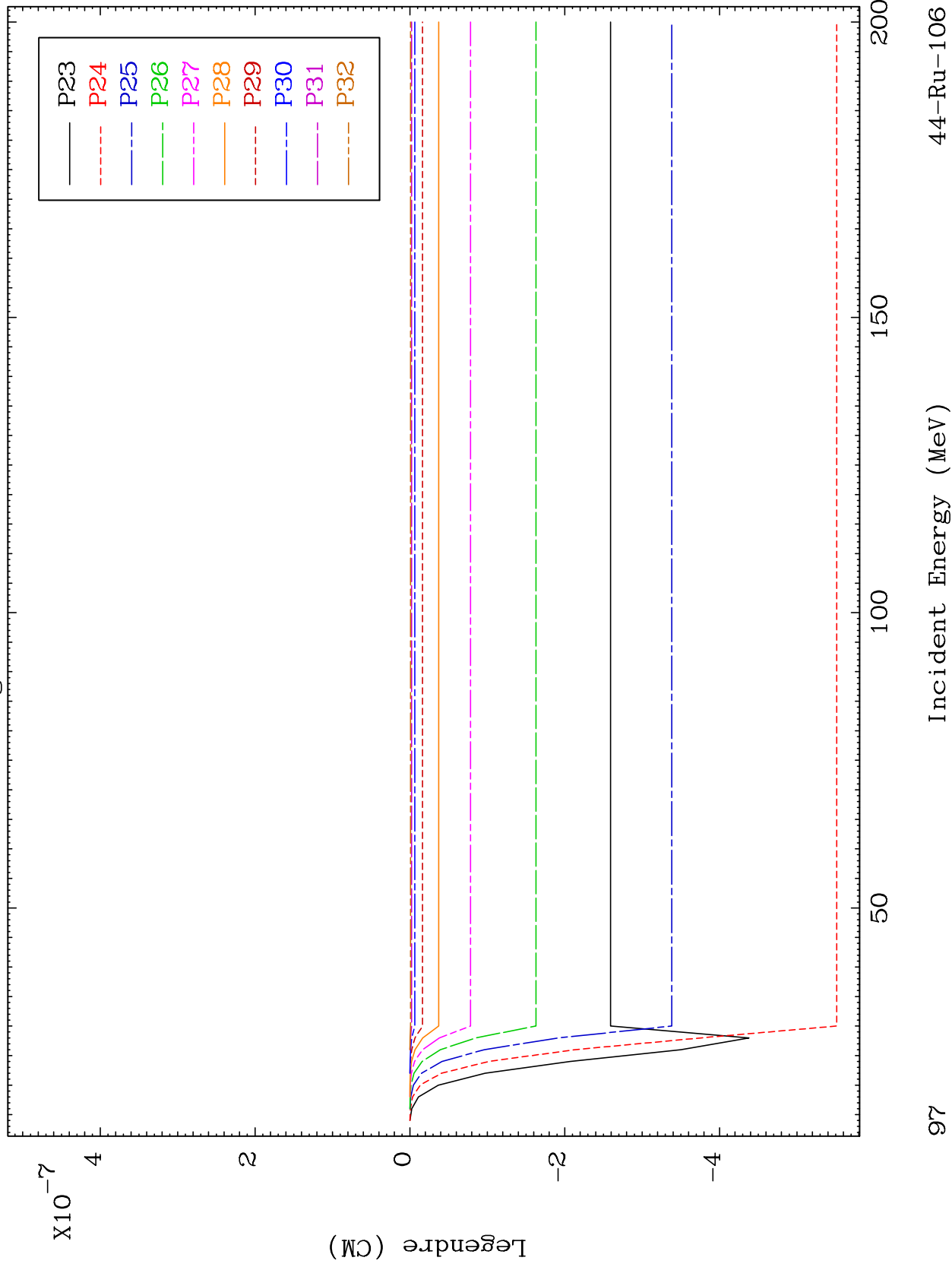
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



97

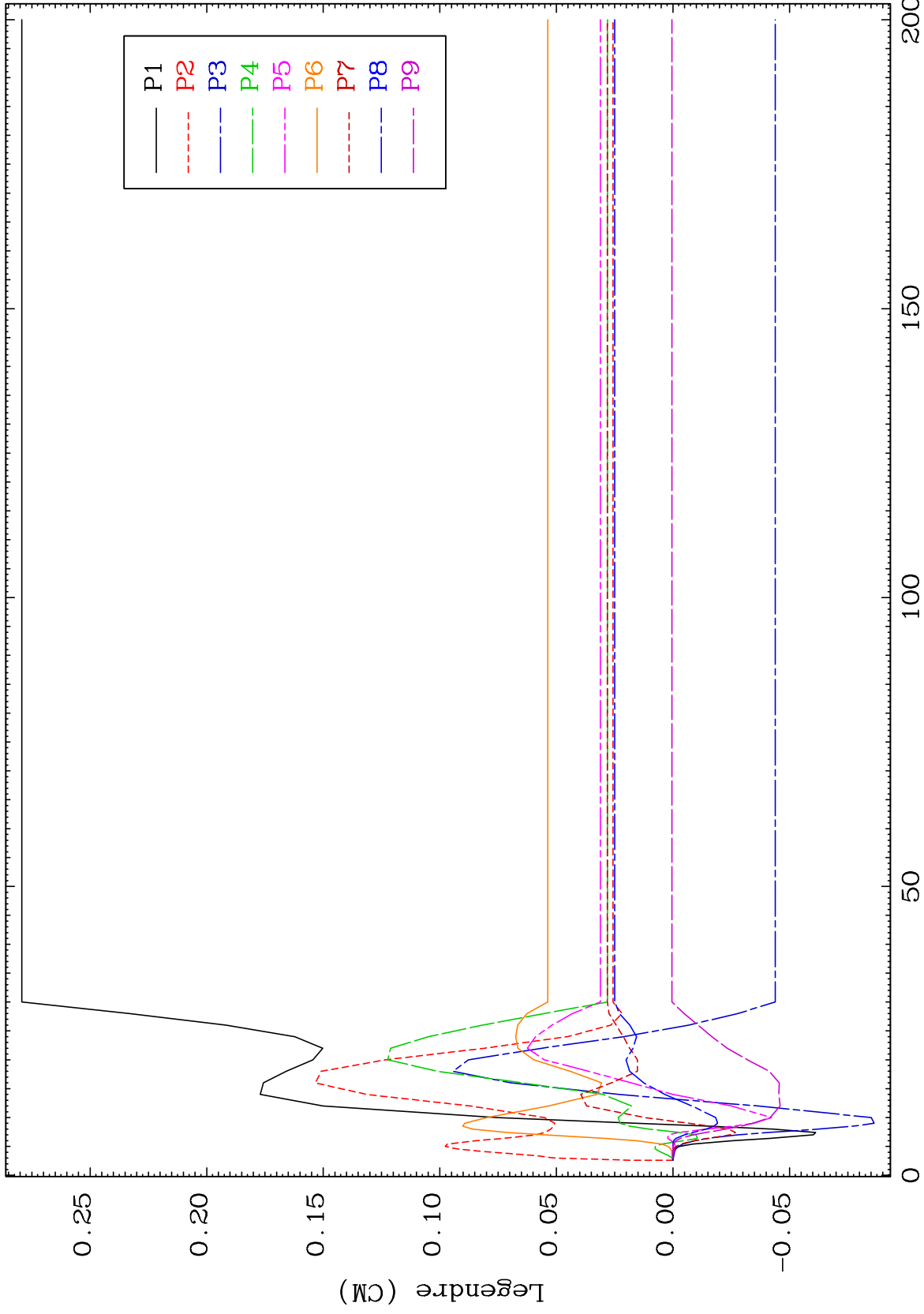
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

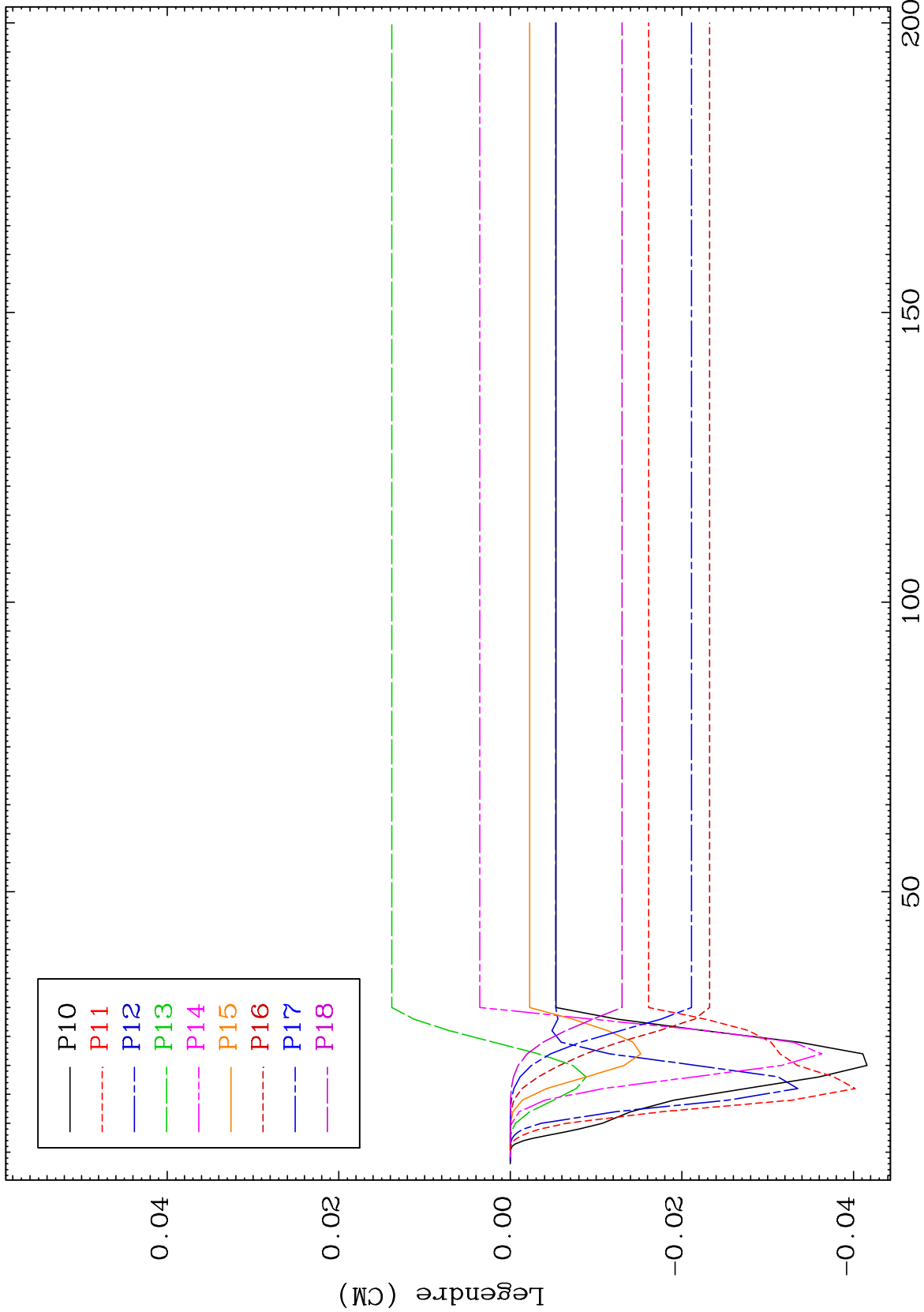
44-Ru-106

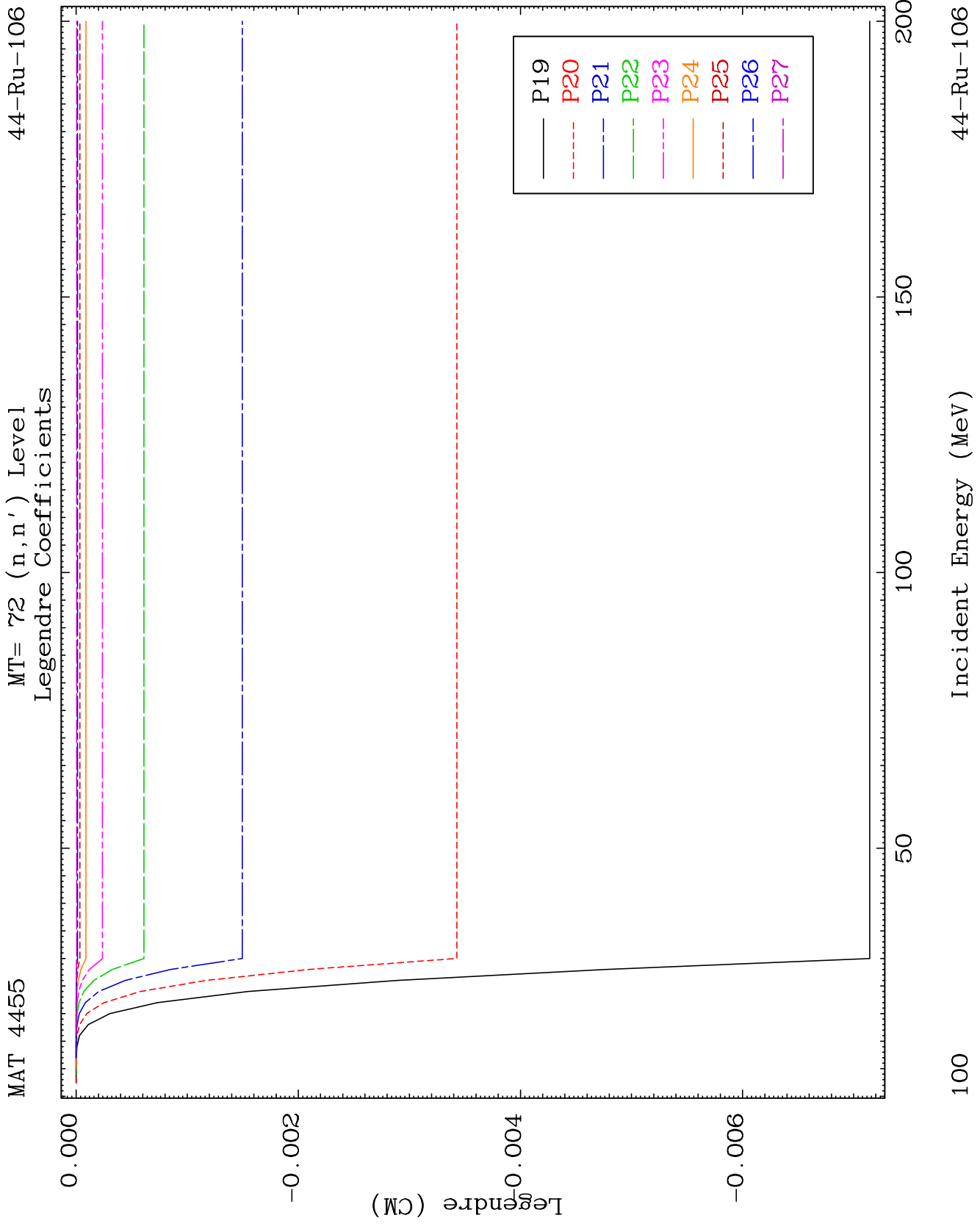


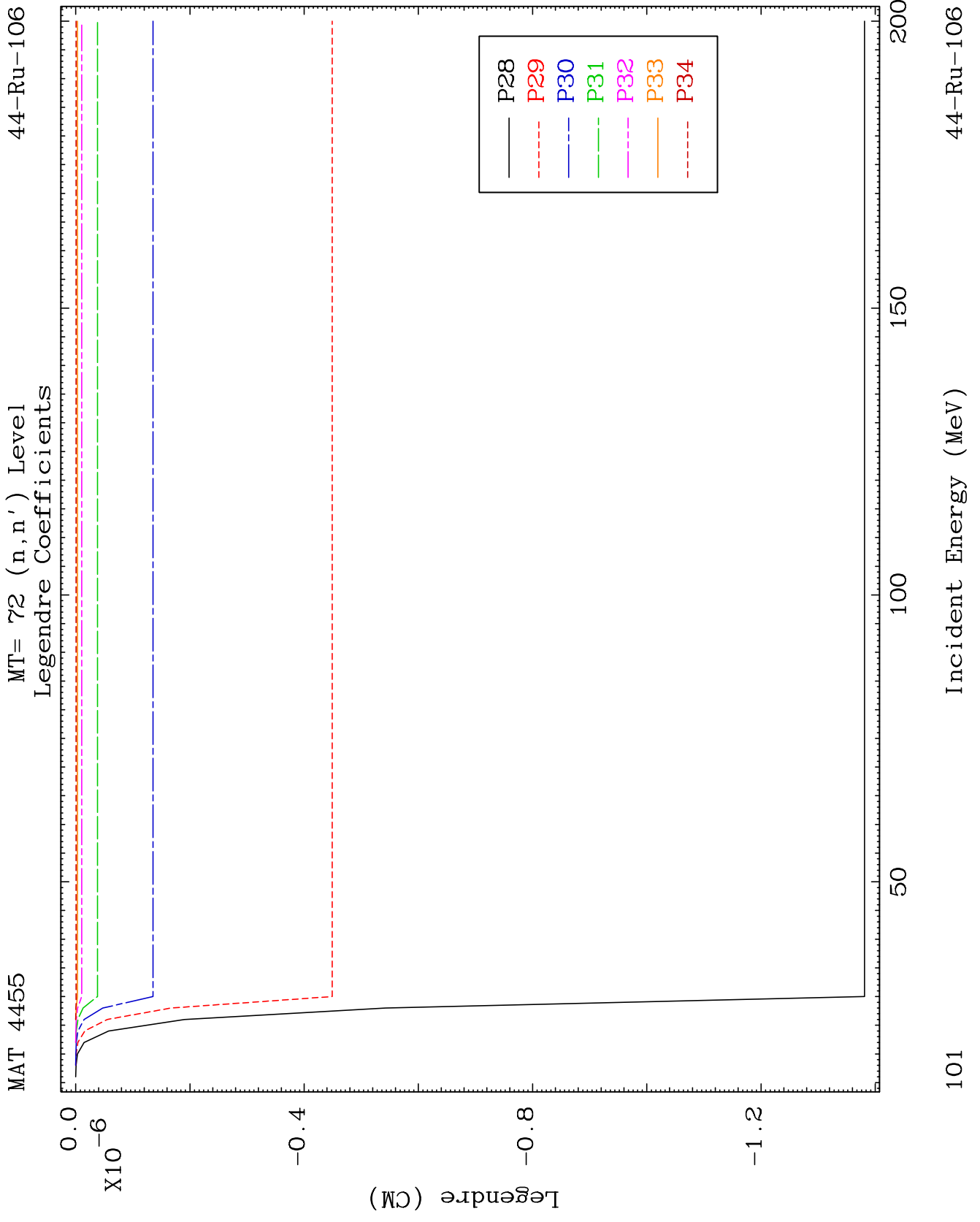
98

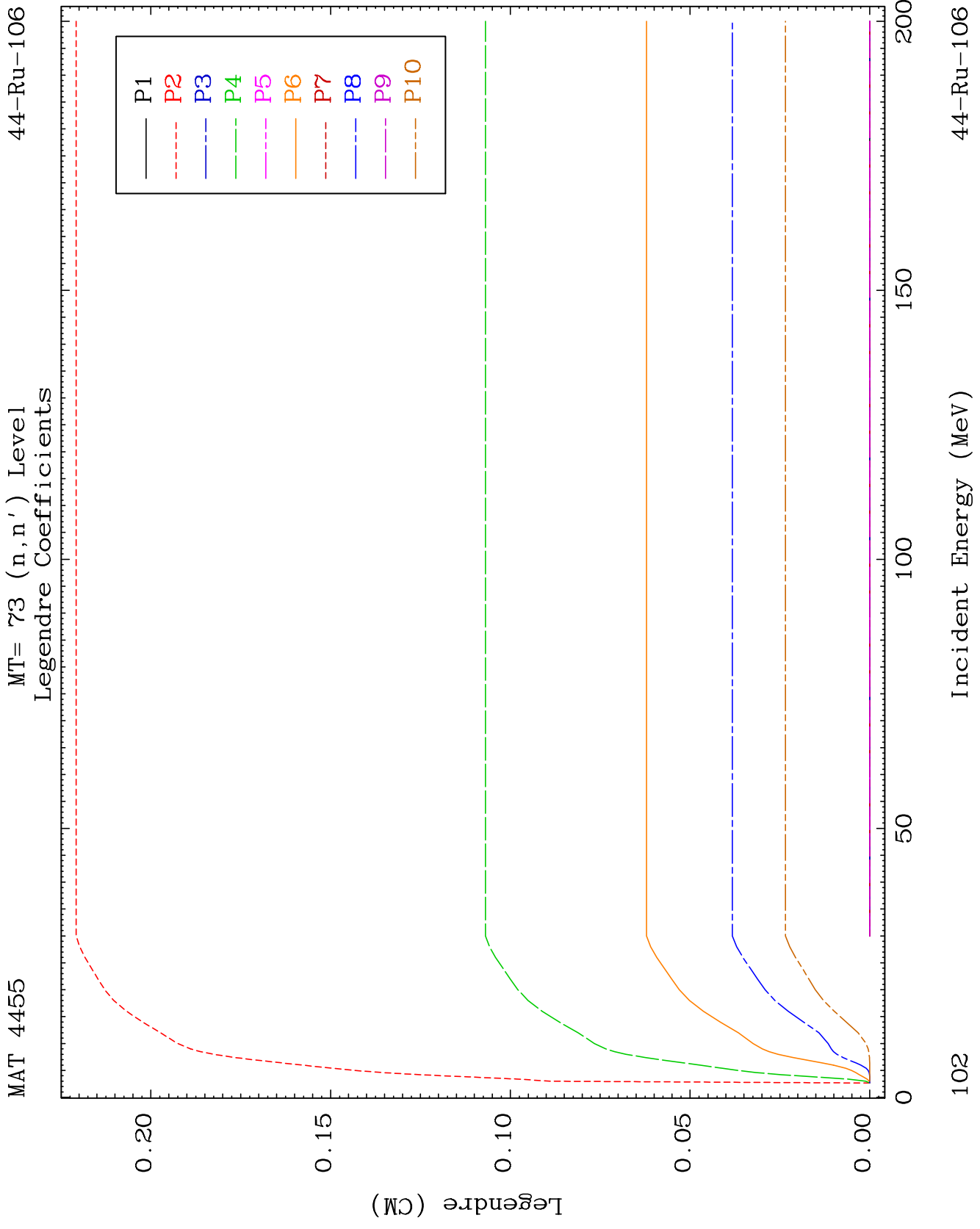
Incident Energy (MeV)

44-Ru-106





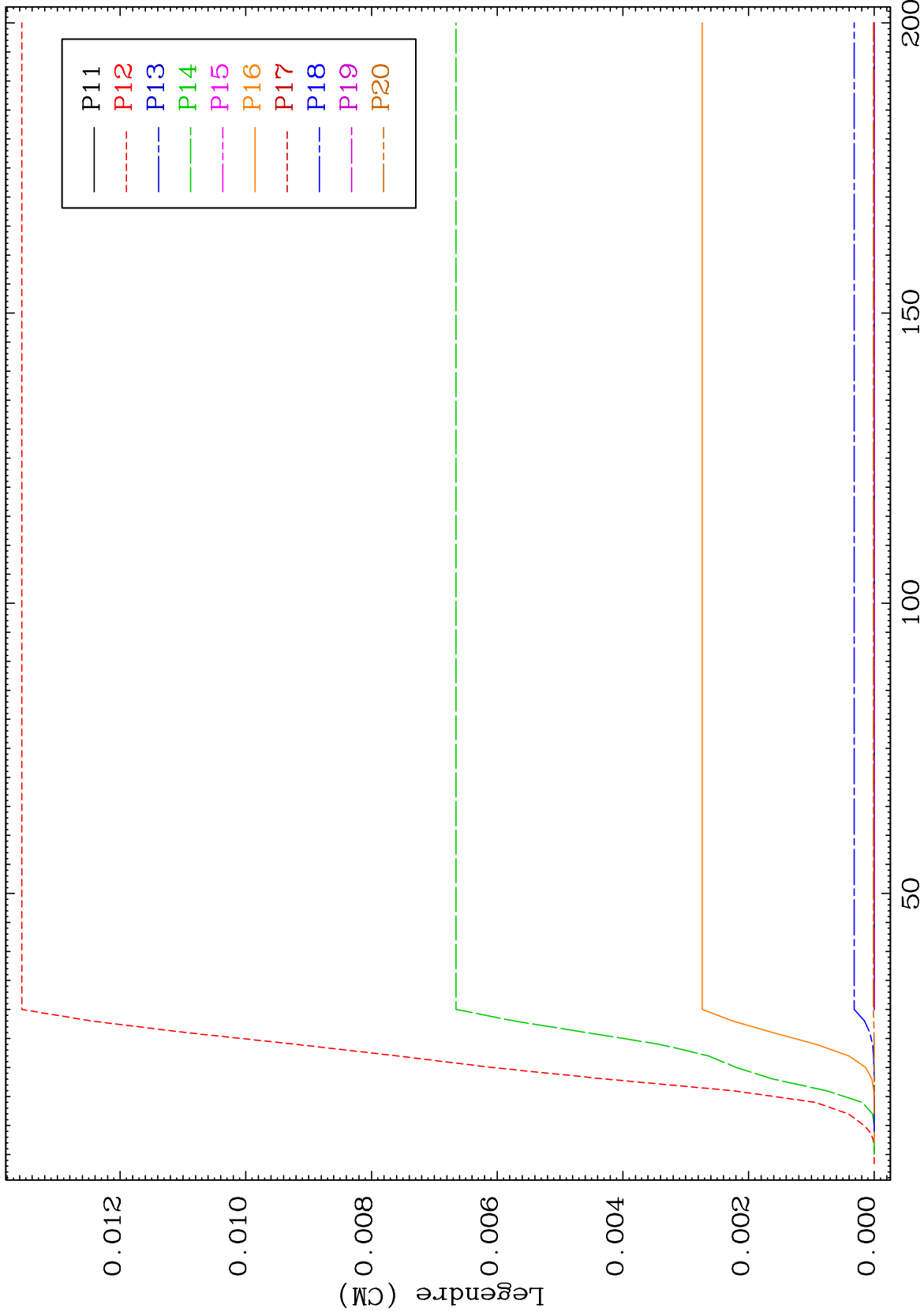




MAT 4455

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

44-Ru-106



103

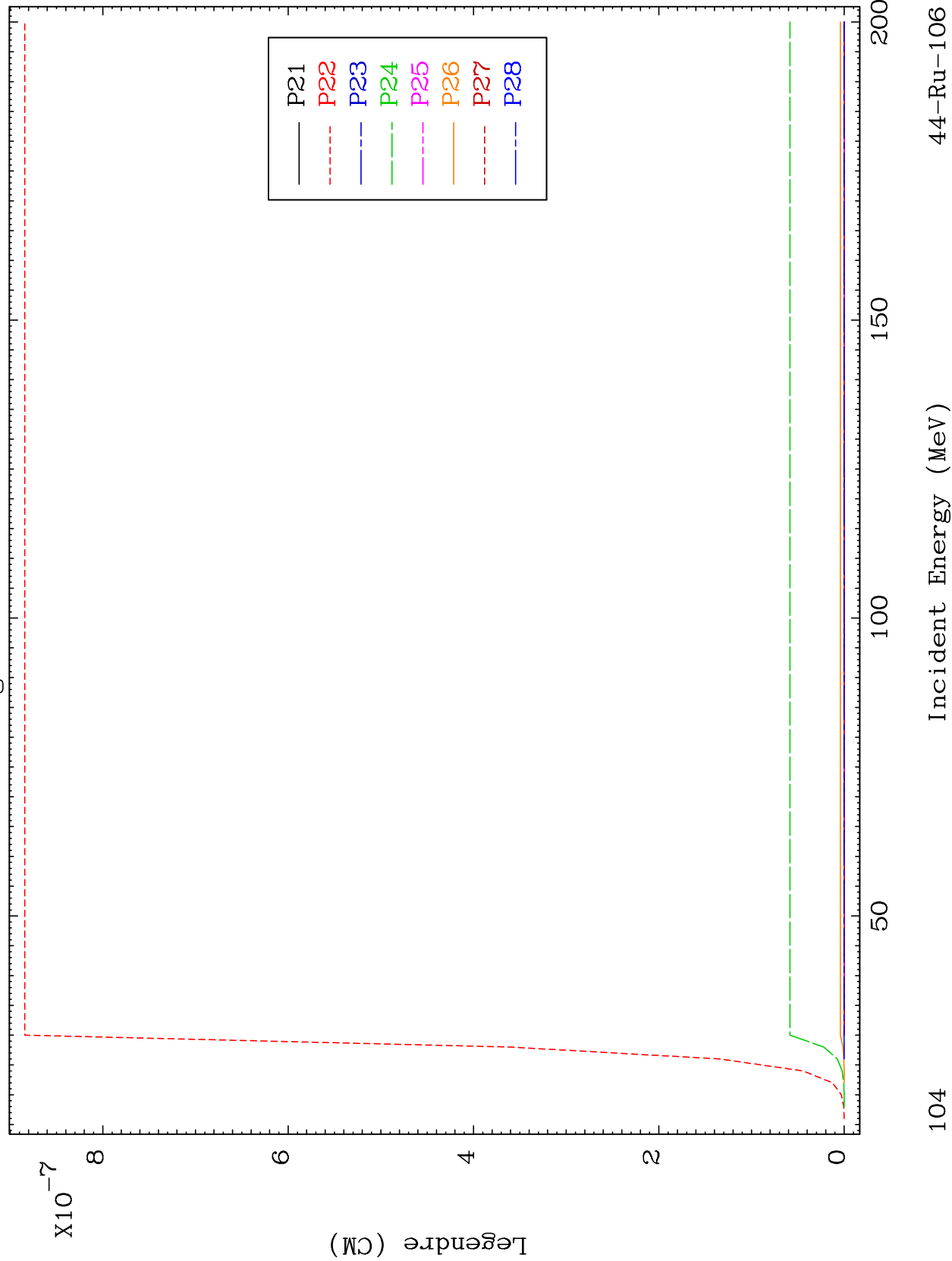
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

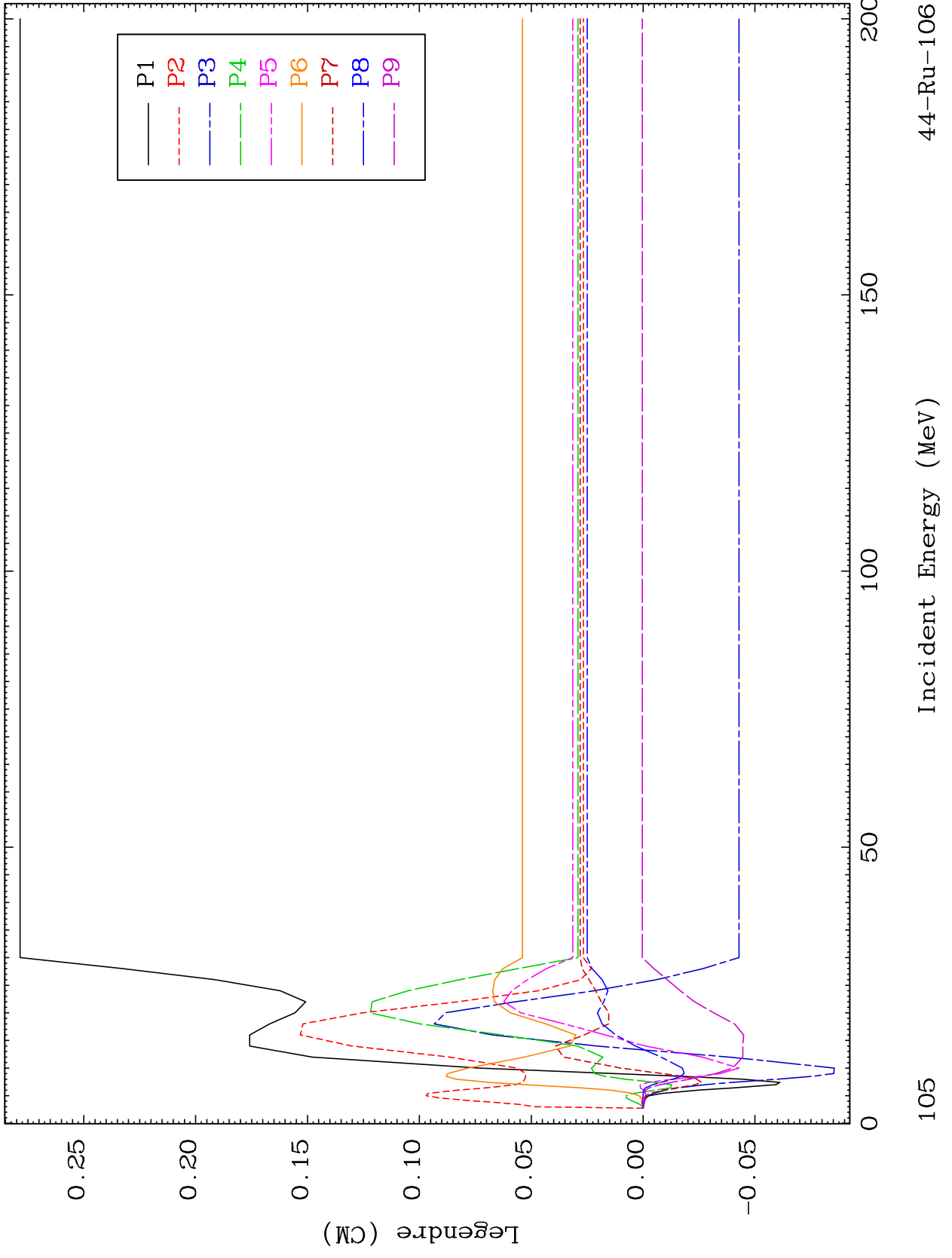
44-Ru-106



MAT 4455

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

44-Ru-106

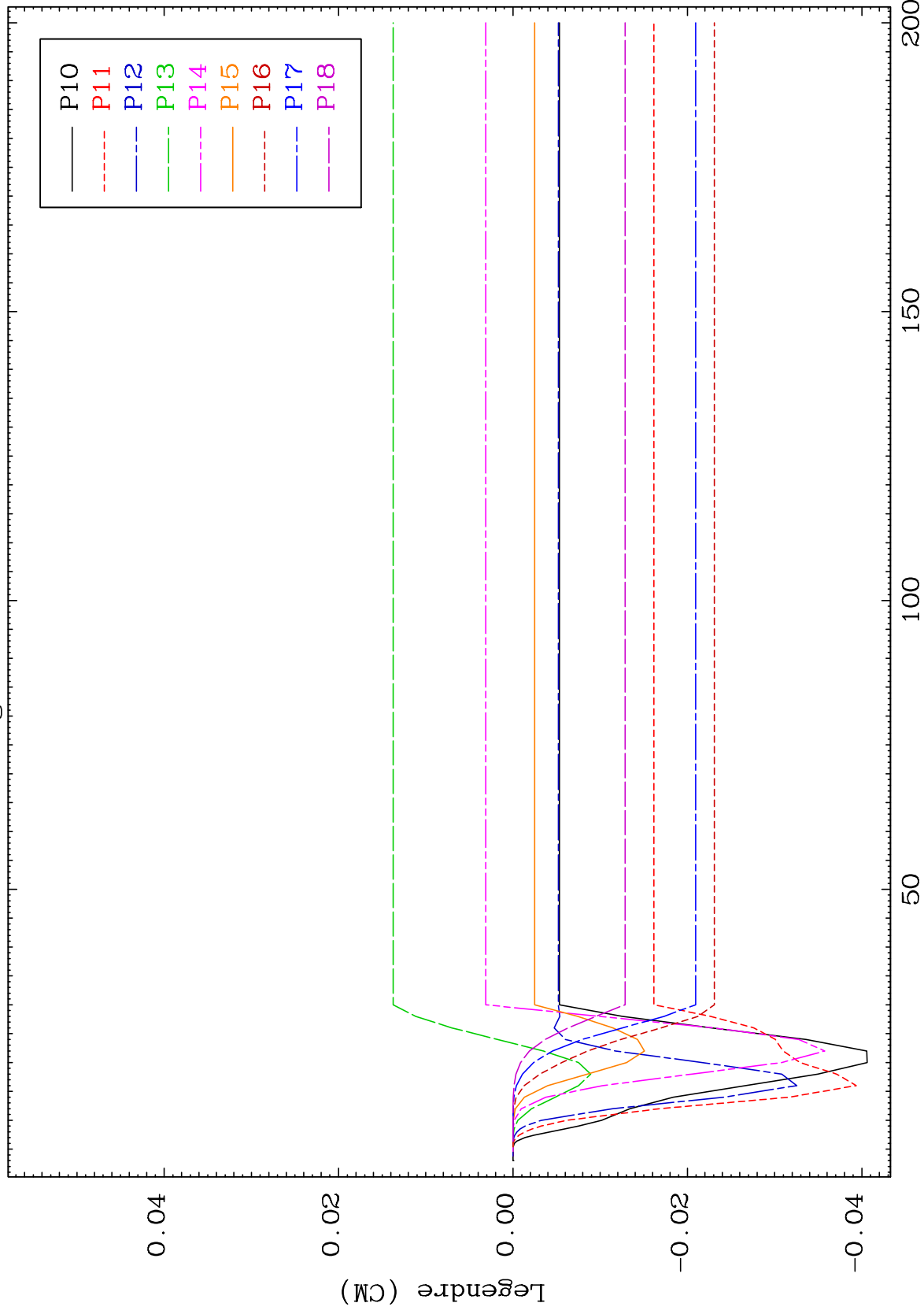


44-Ru-106

MAT 4455

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

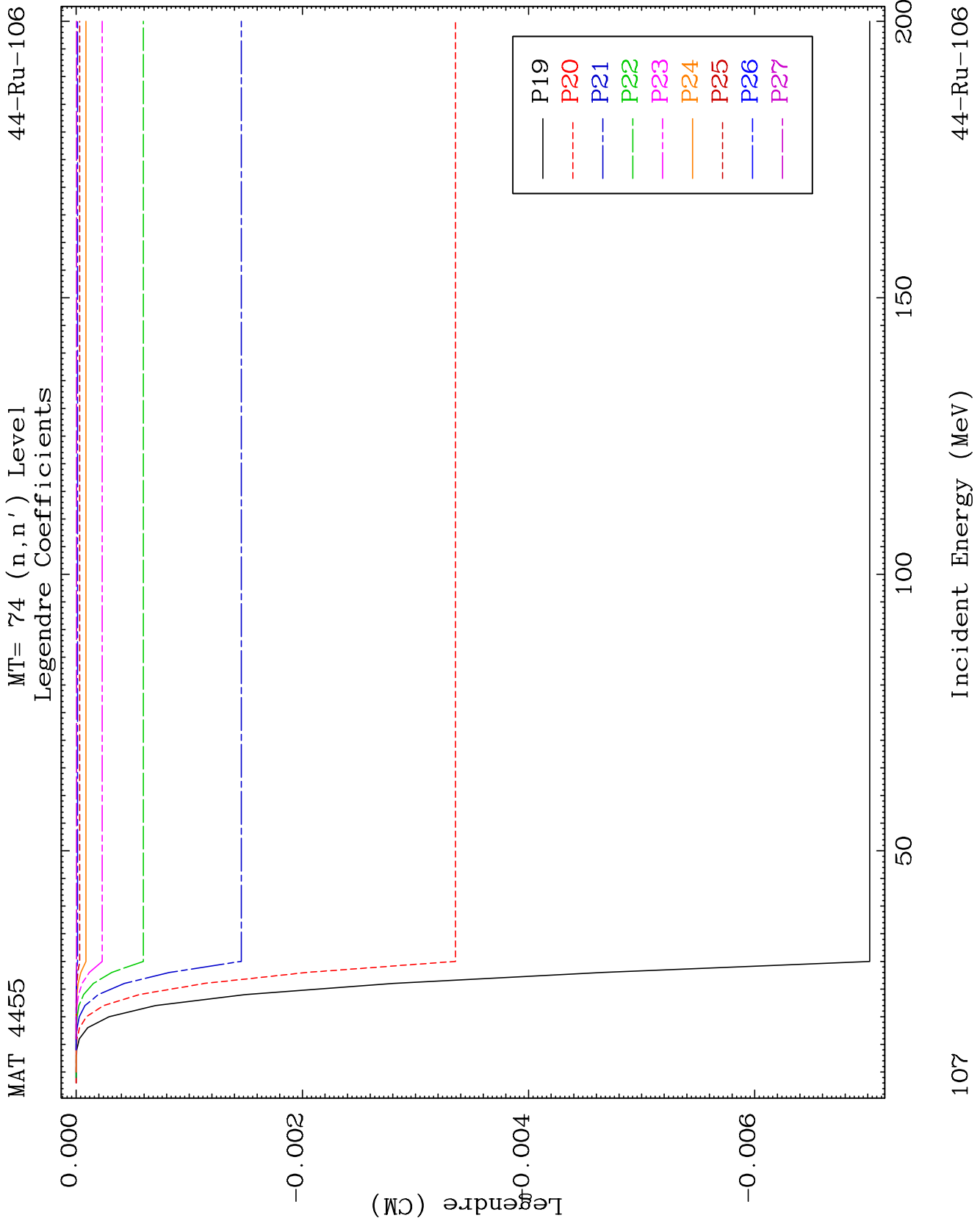
44-Ru-106

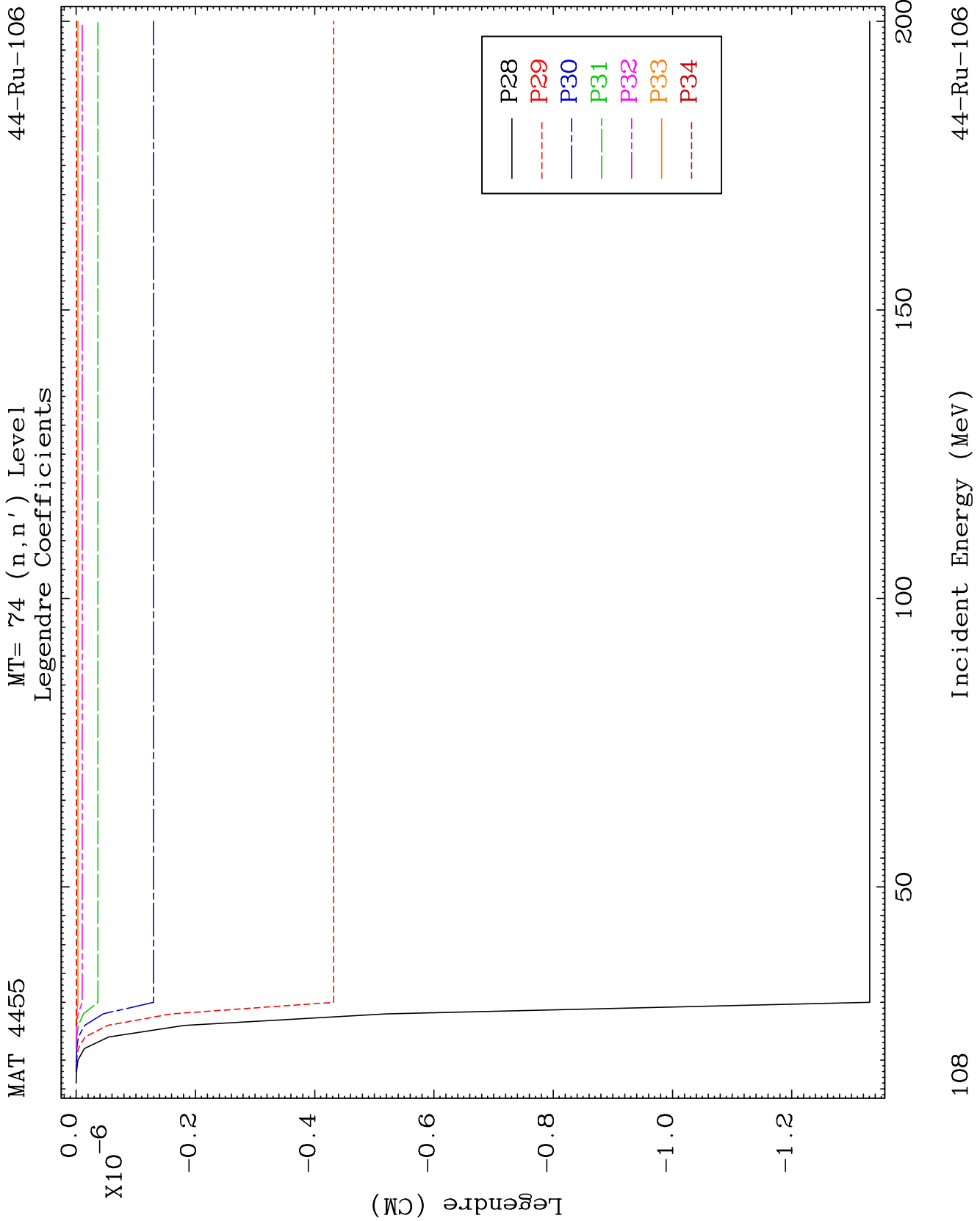


106

Incident Energy (MeV)

44-Ru-106

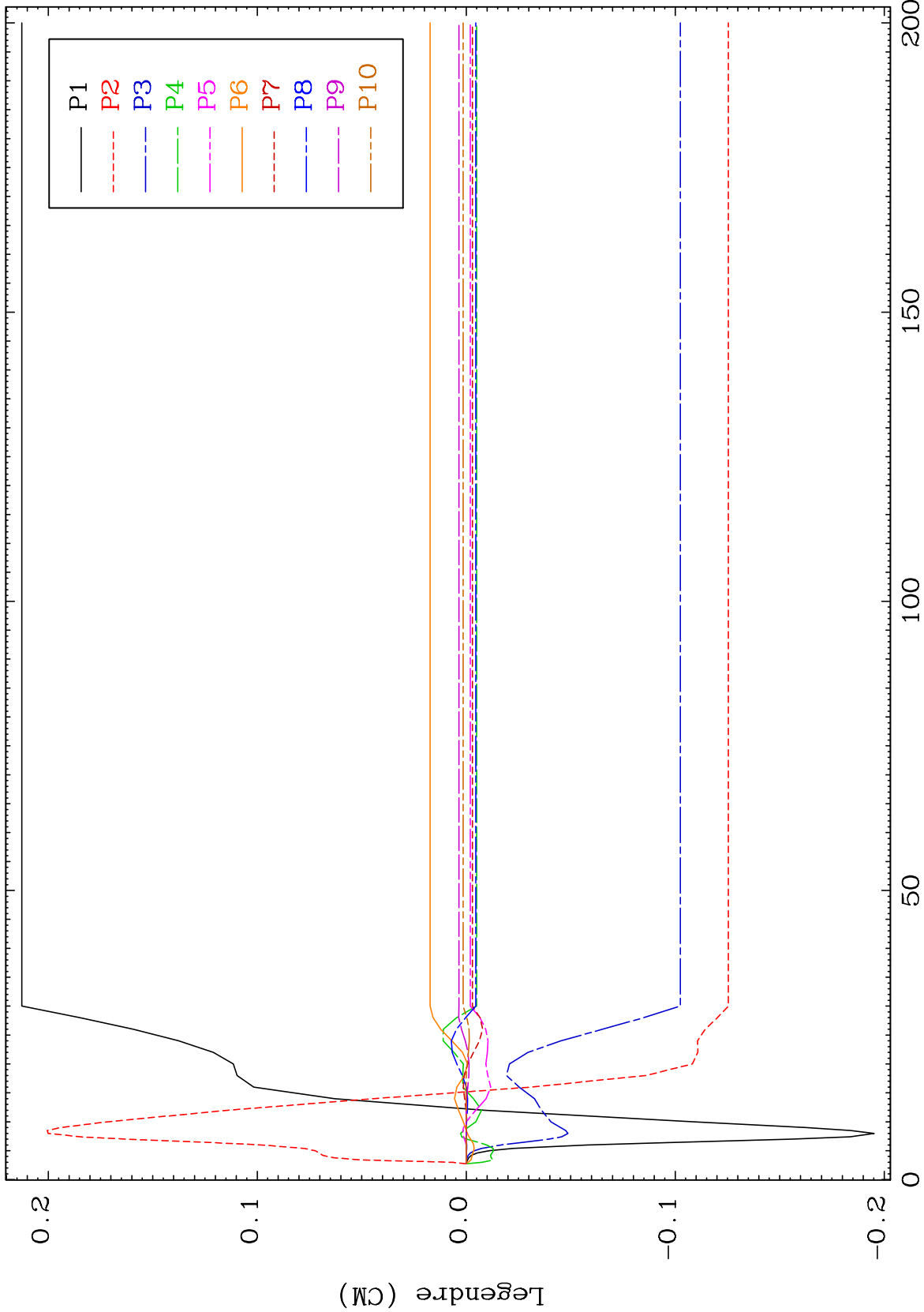




MAT 4455

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

44-Ru-106



109

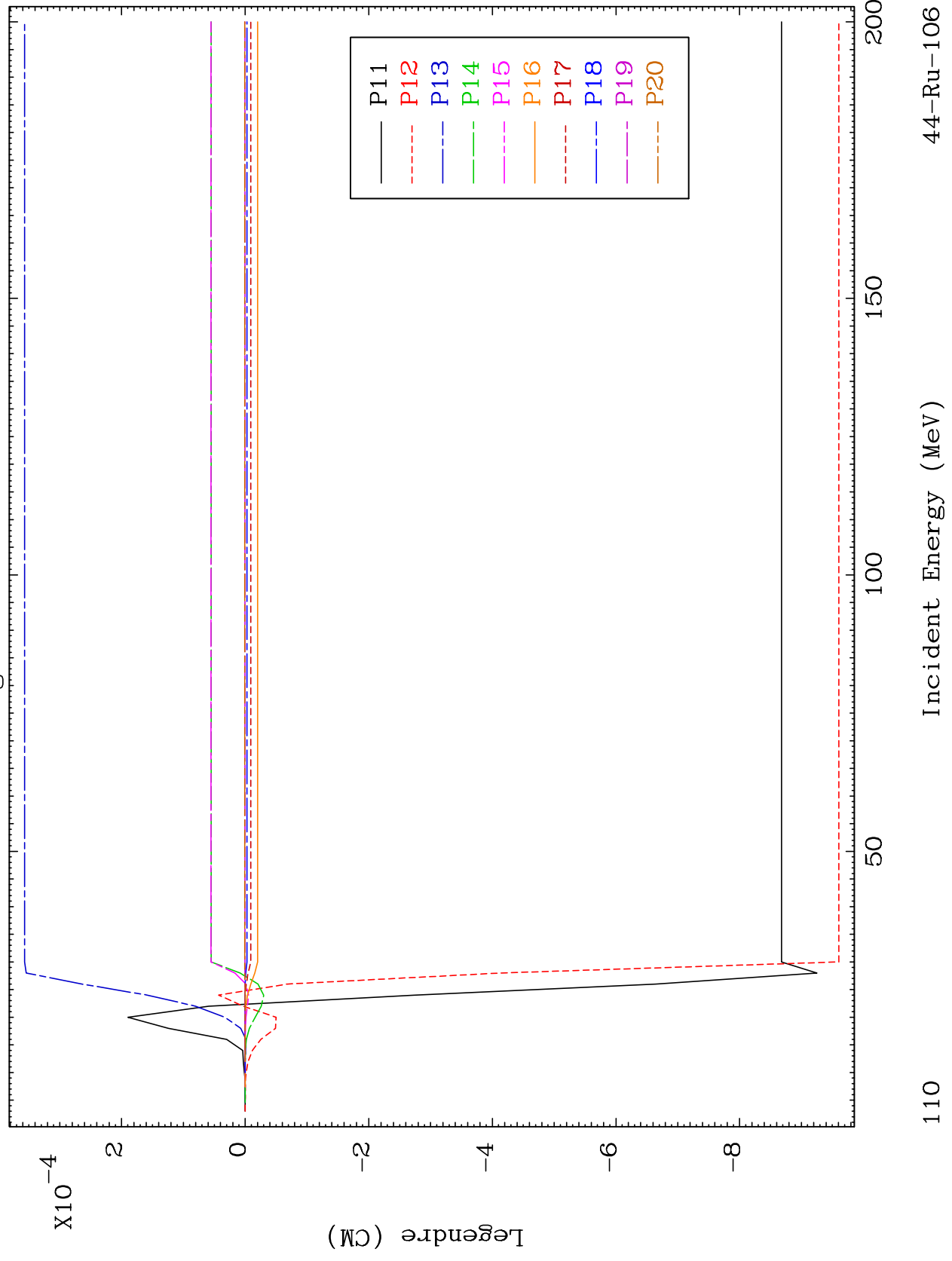
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



110

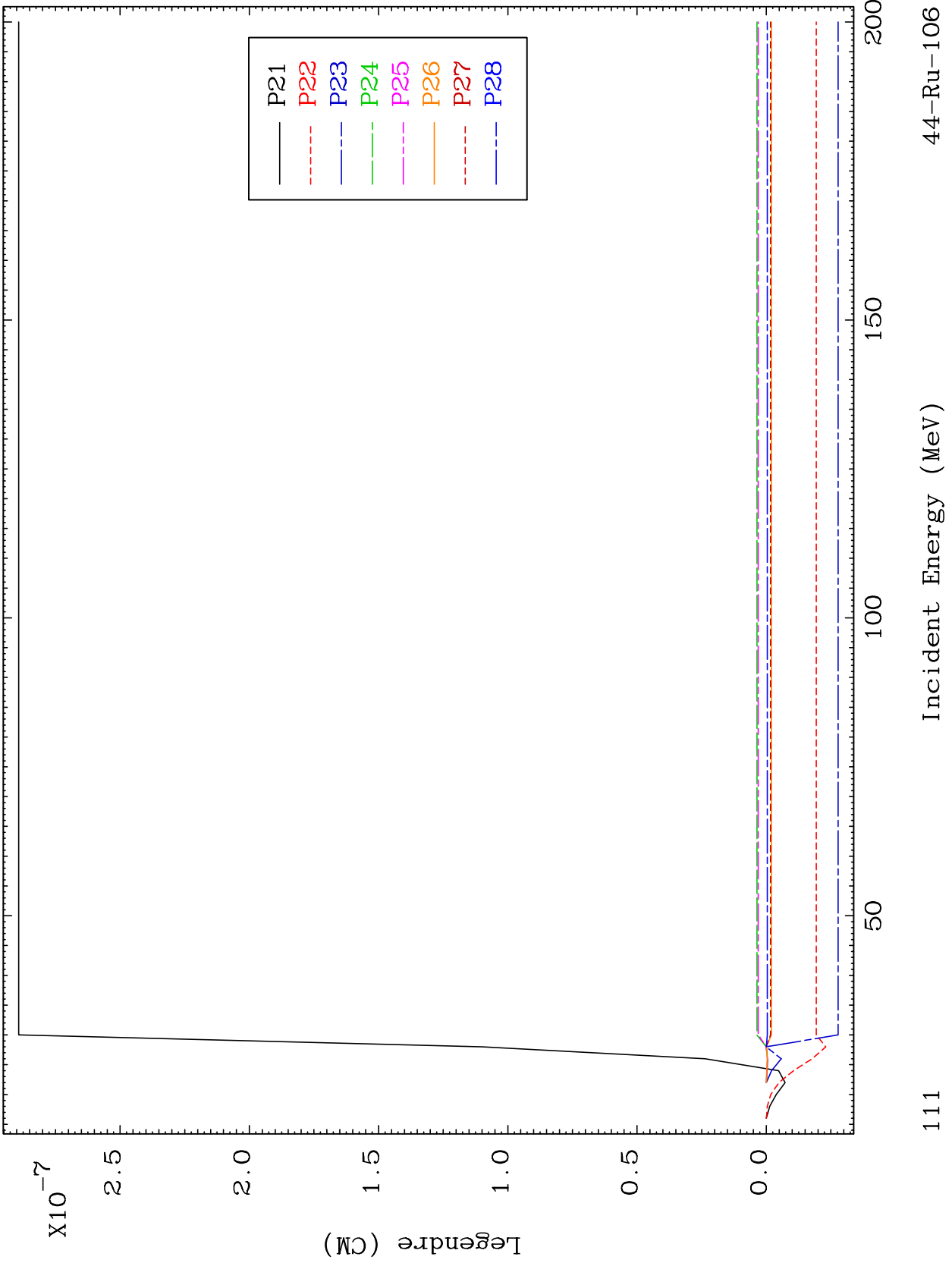
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



111

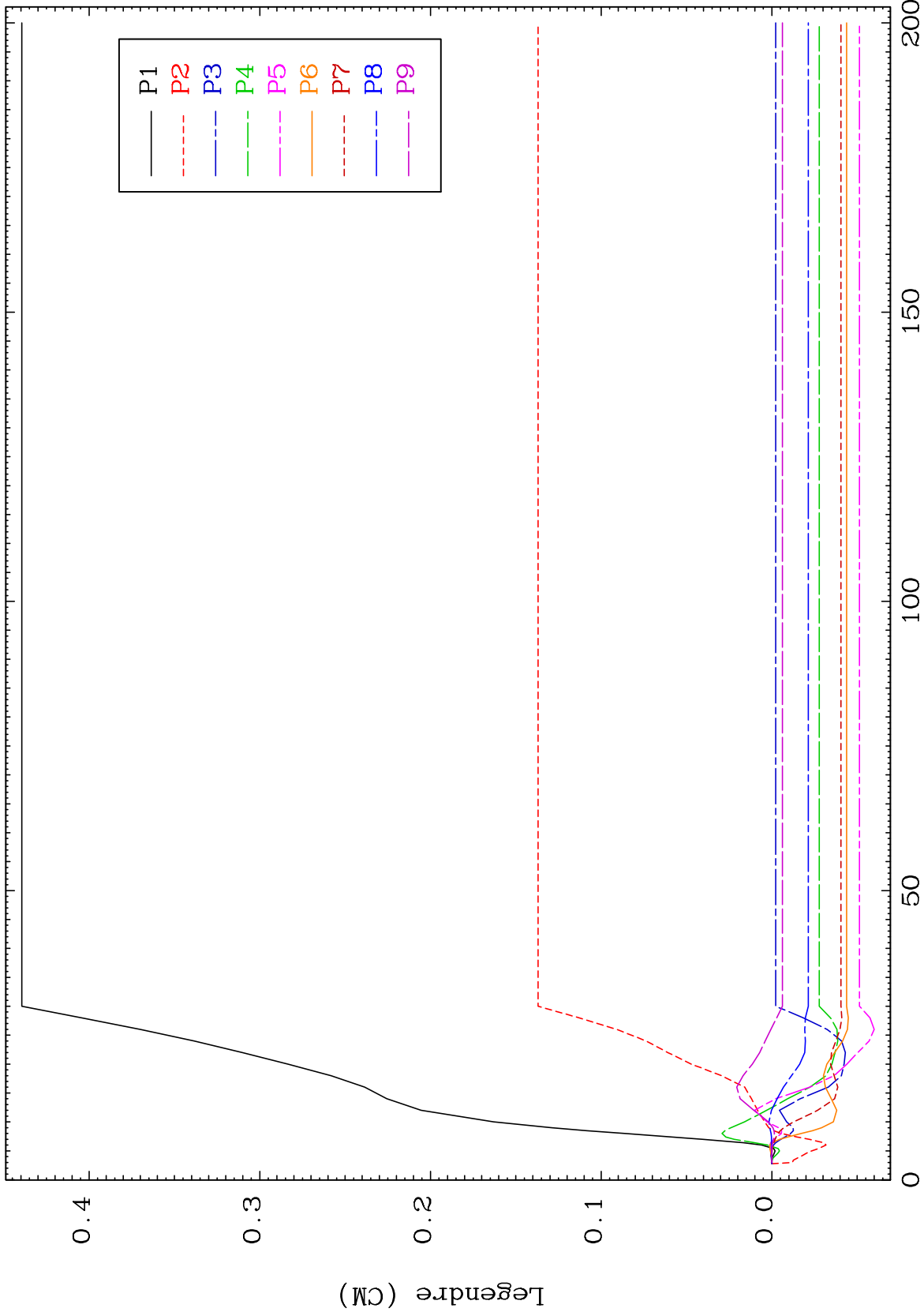
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



112

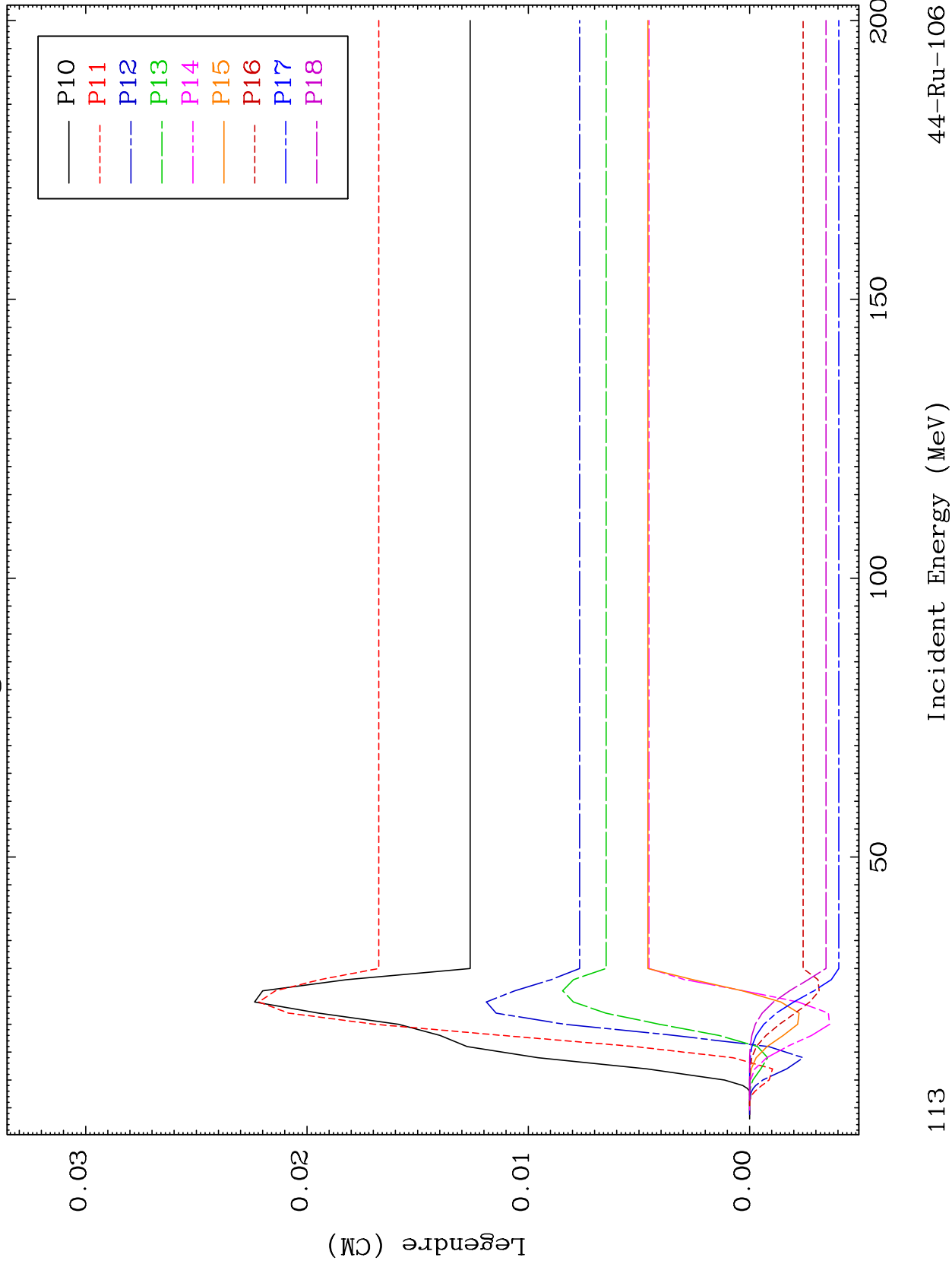
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

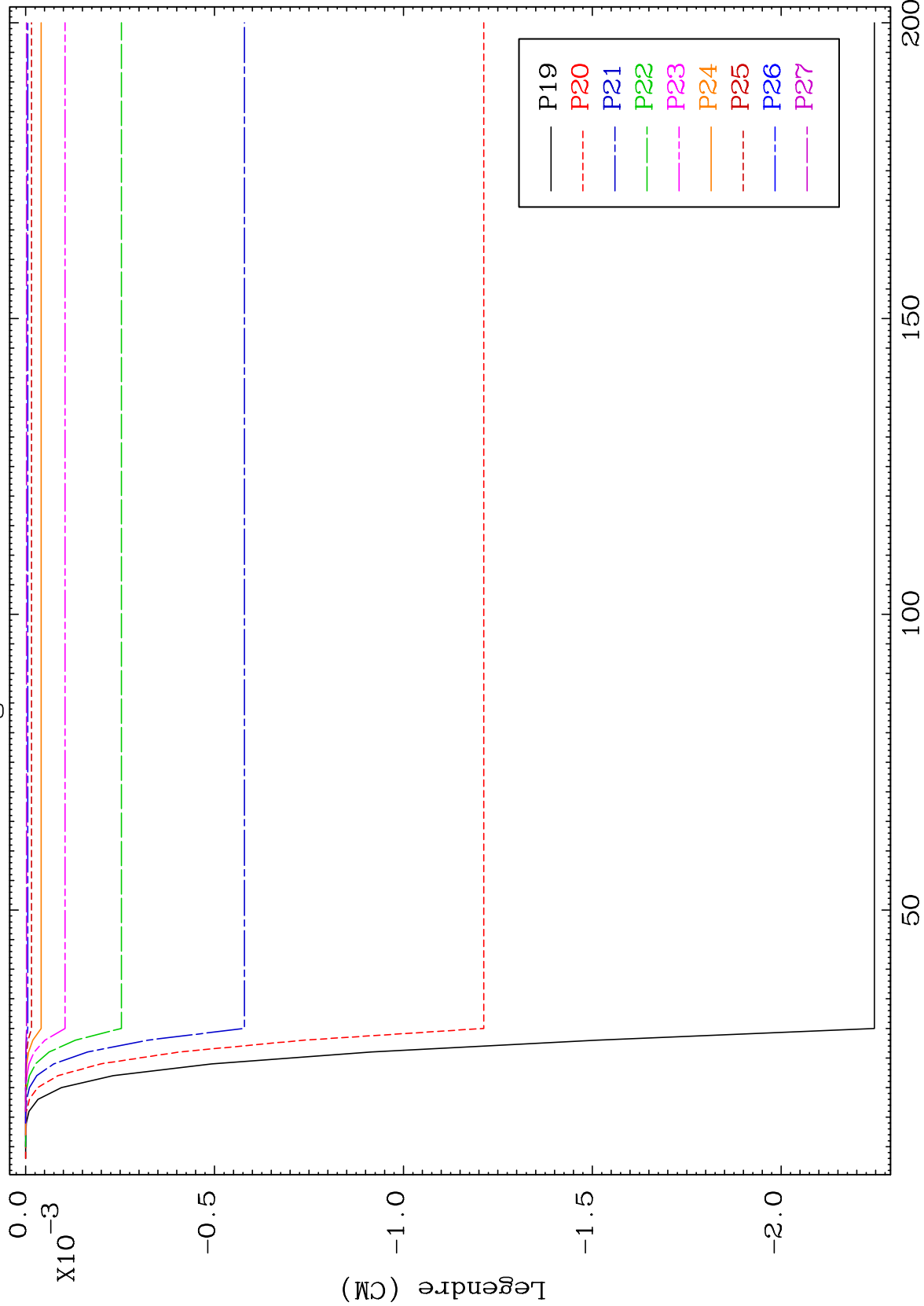
44-Ru-106



MAT 4455

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

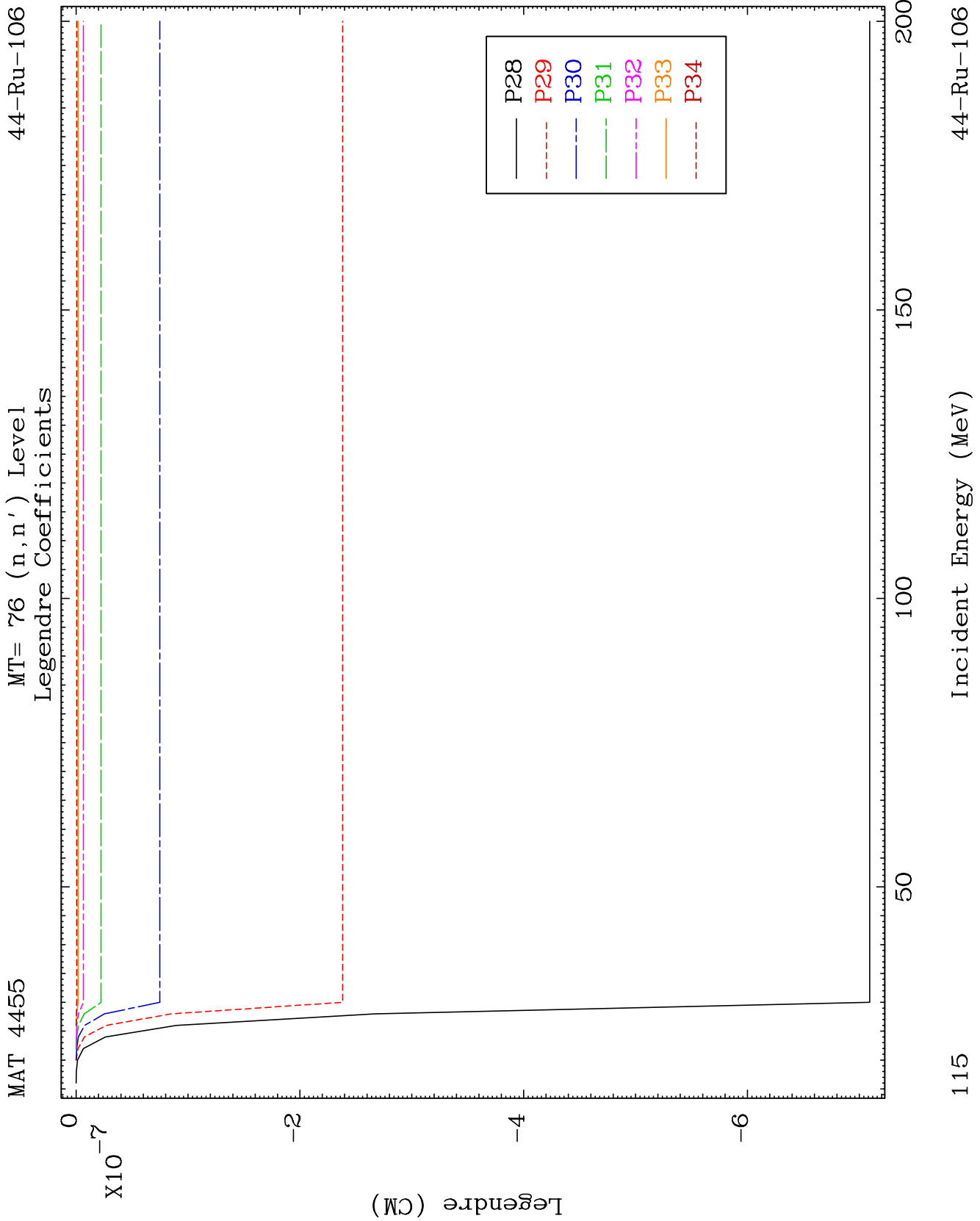
44-Ru-106



114

Incident Energy (MeV)

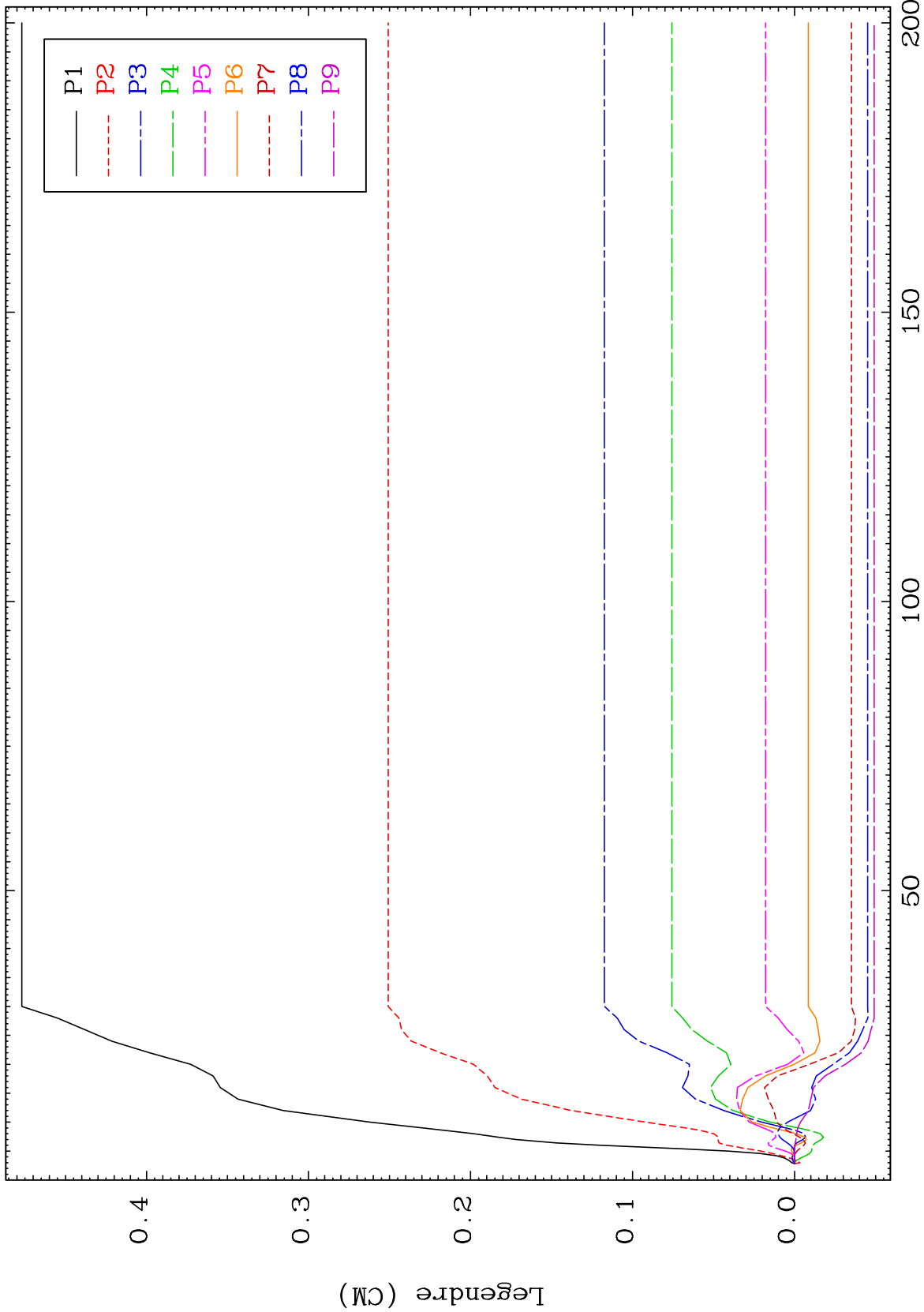
44-Ru-106



MAT 4455

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

44-Ru-106



116

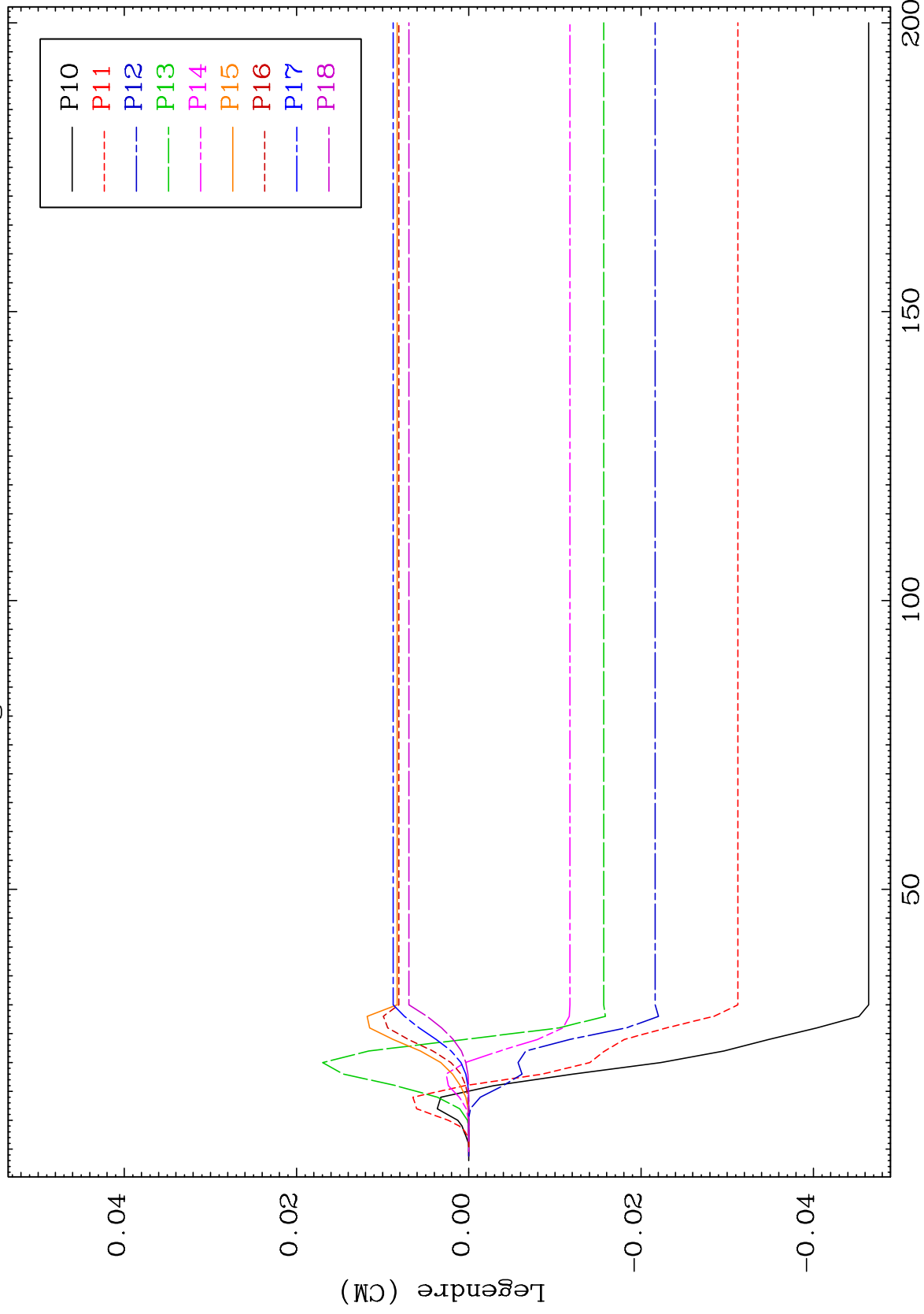
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



117

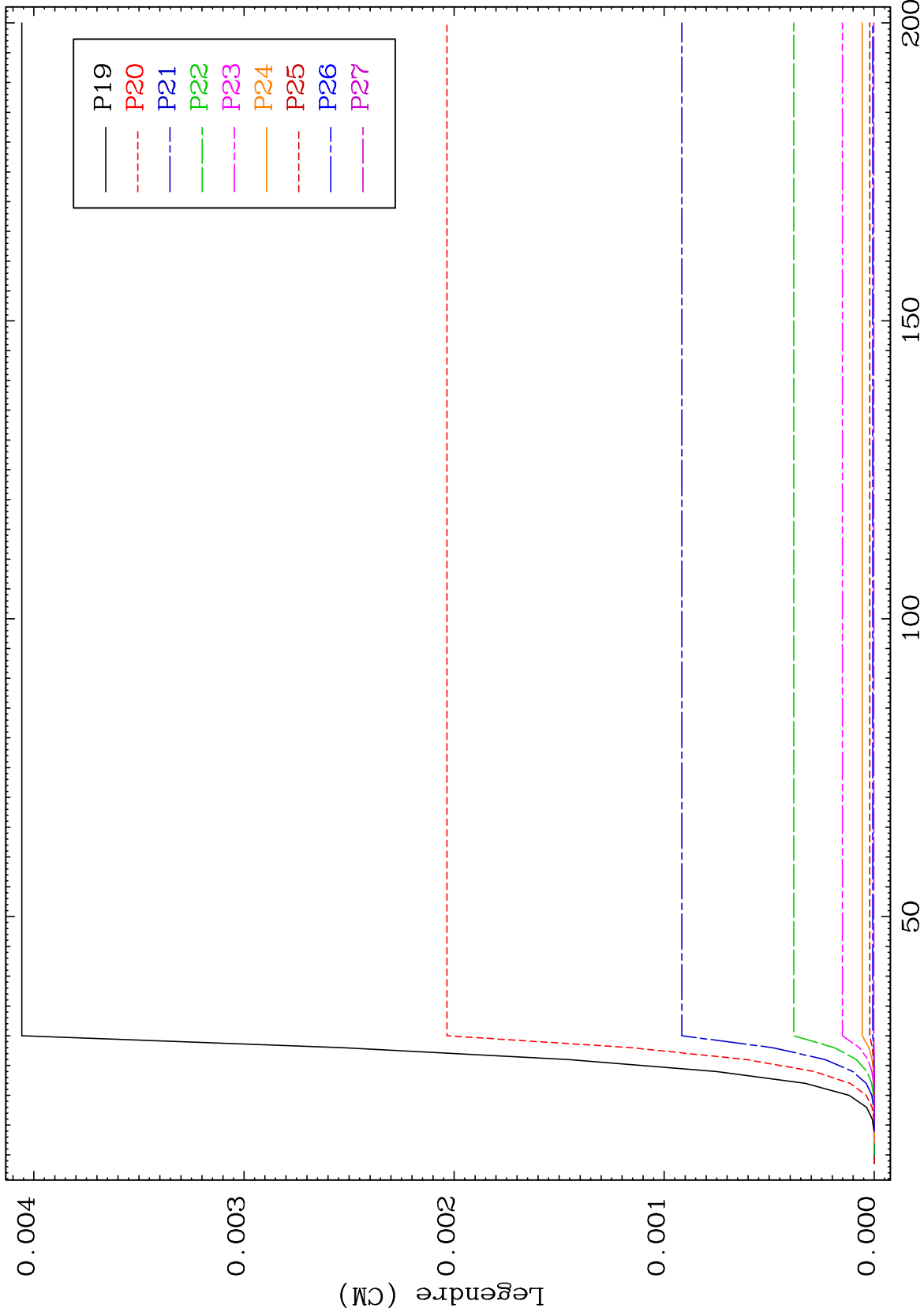
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



118

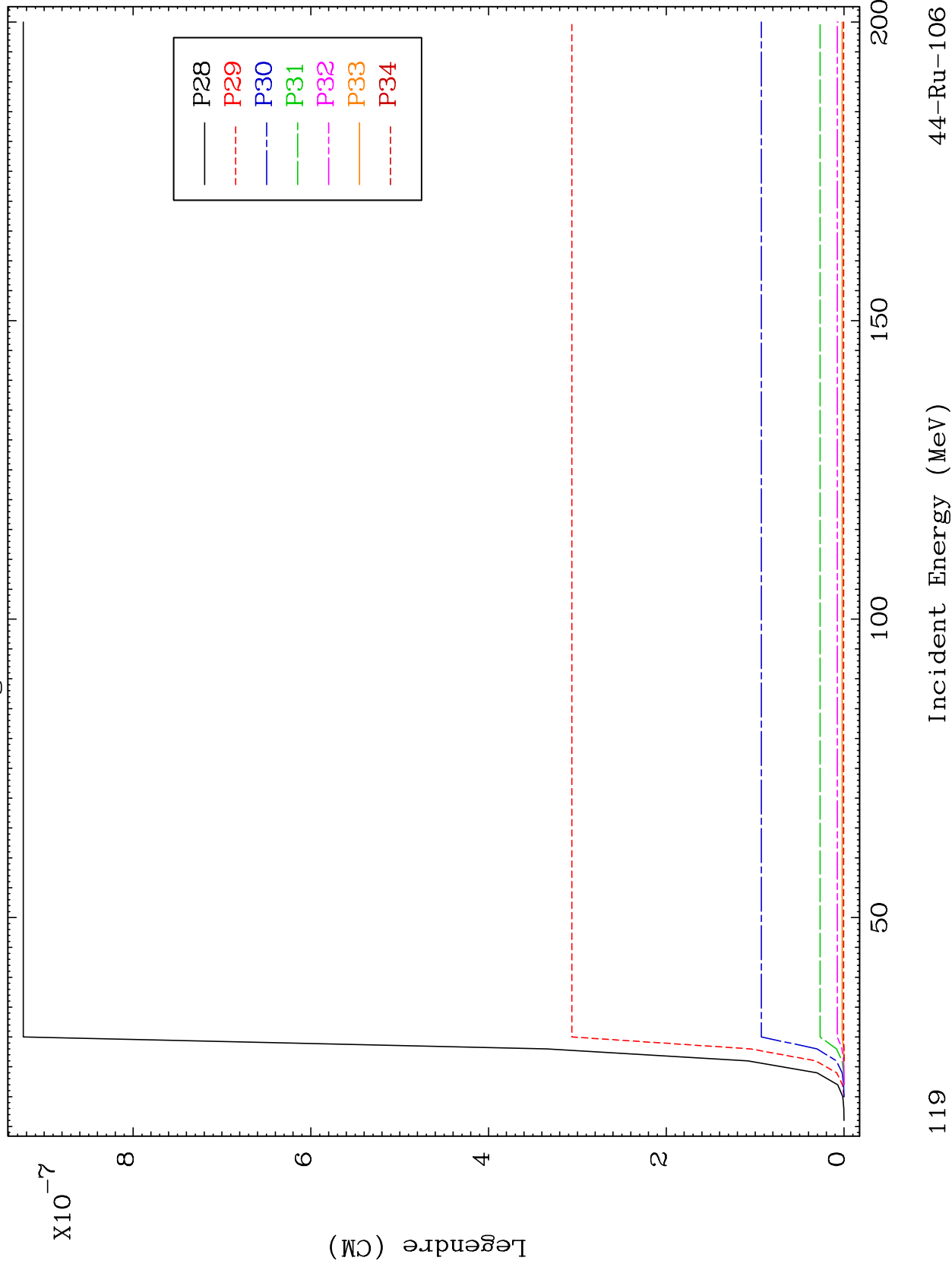
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106

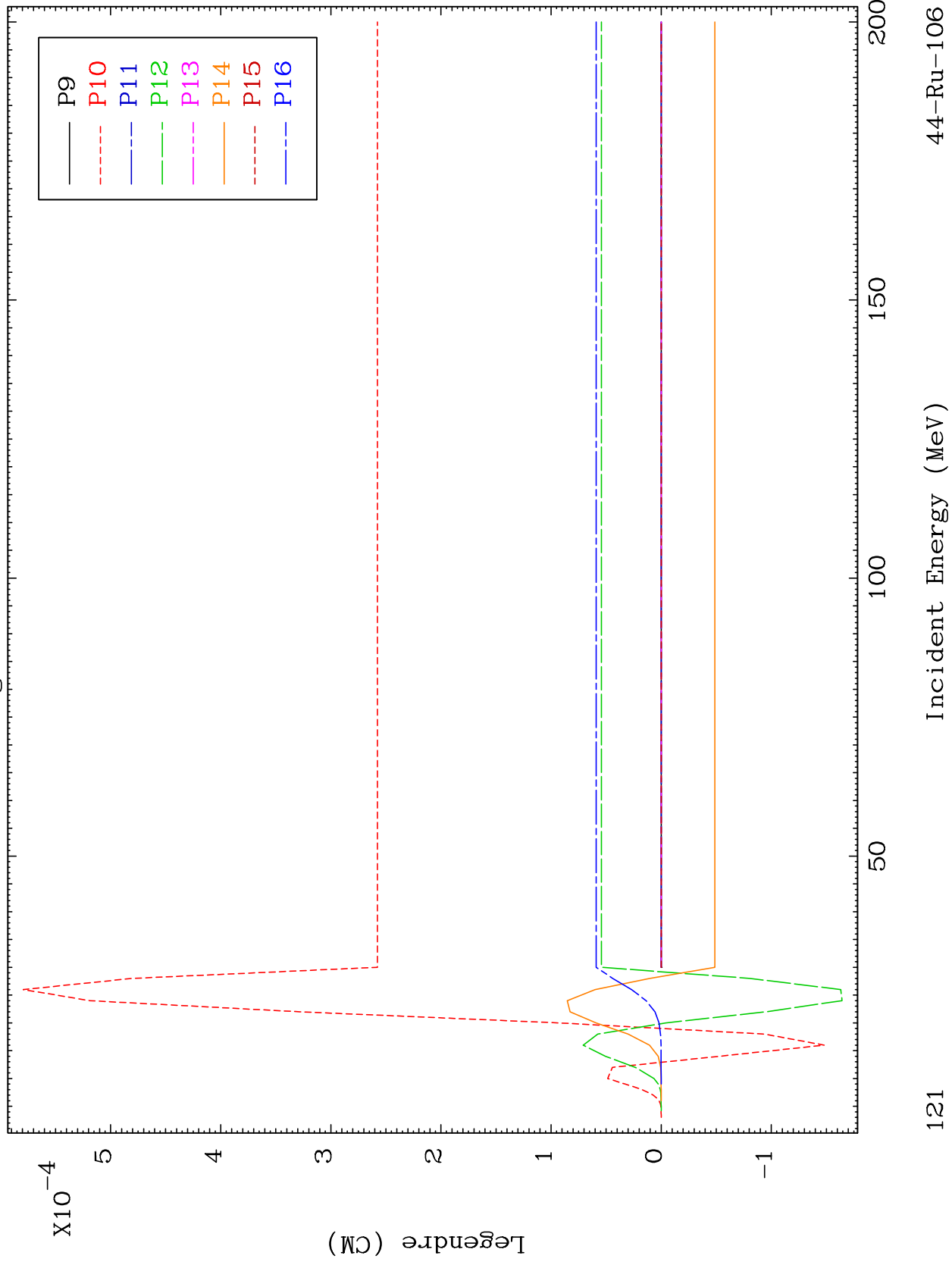


119

MAT 4455

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

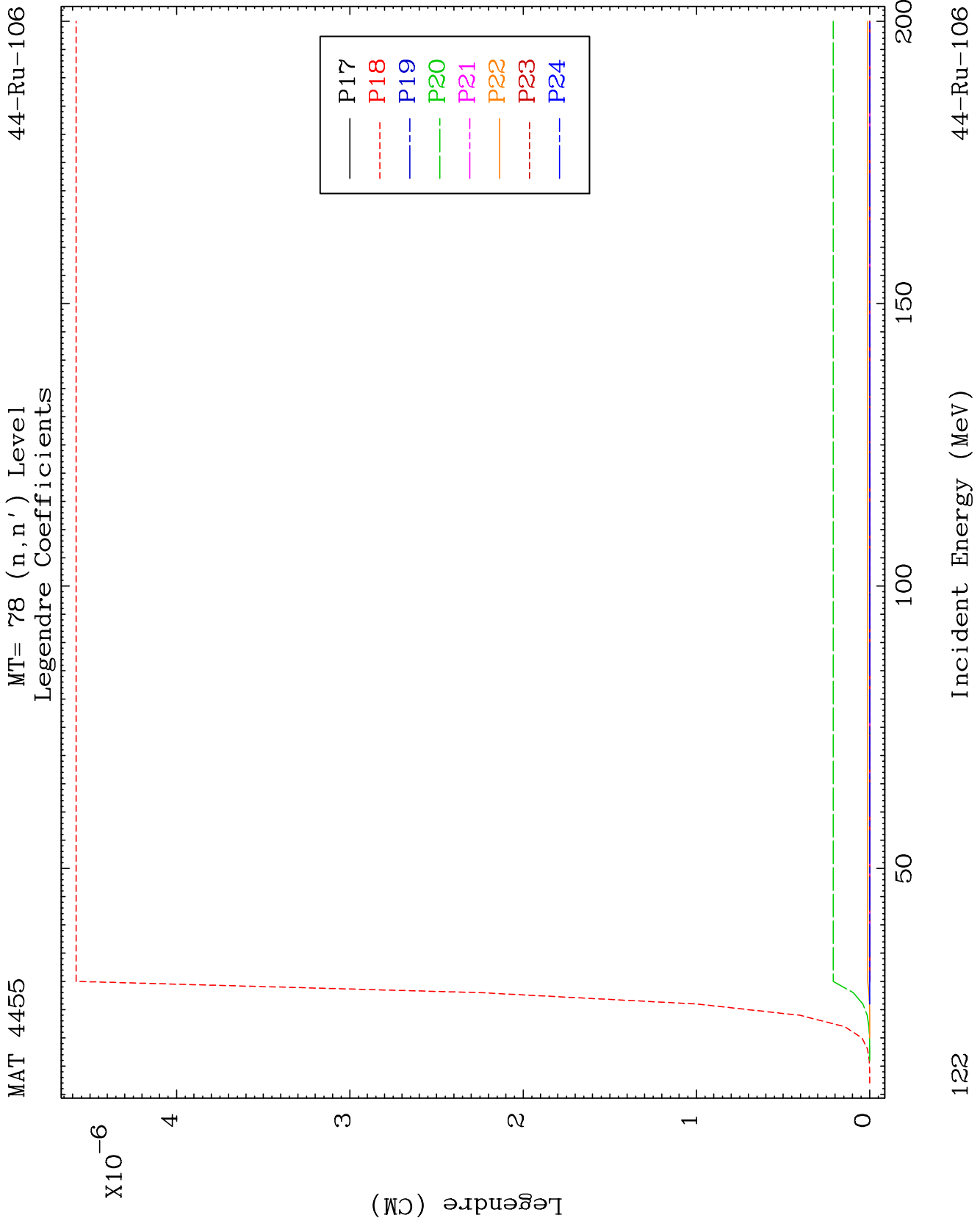
44-Ru-106



121

Incident Energy (MeV)

44-Ru-106



44-Ru-106

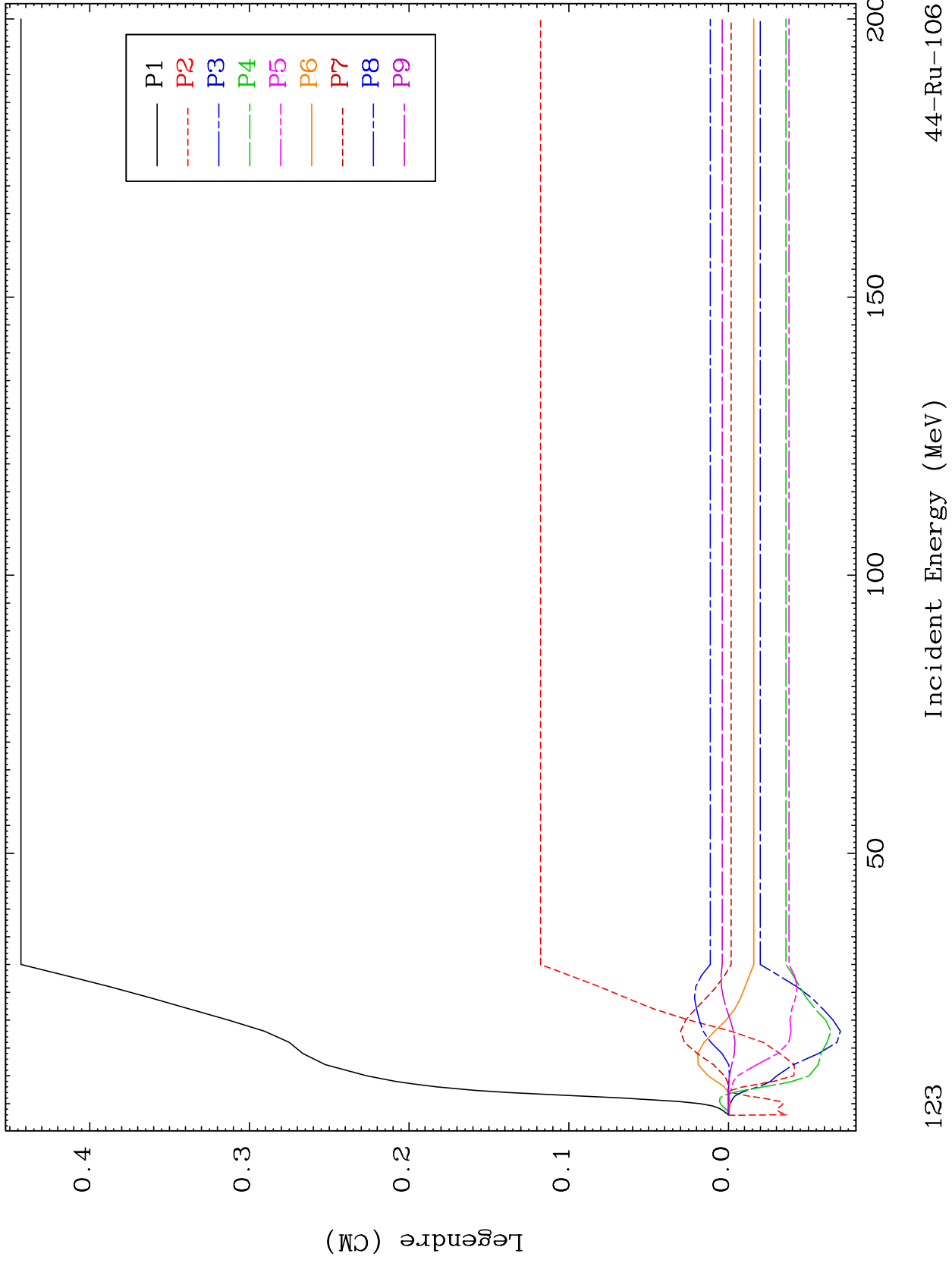
Incident Energy (MeV)

122

MAT 4455

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

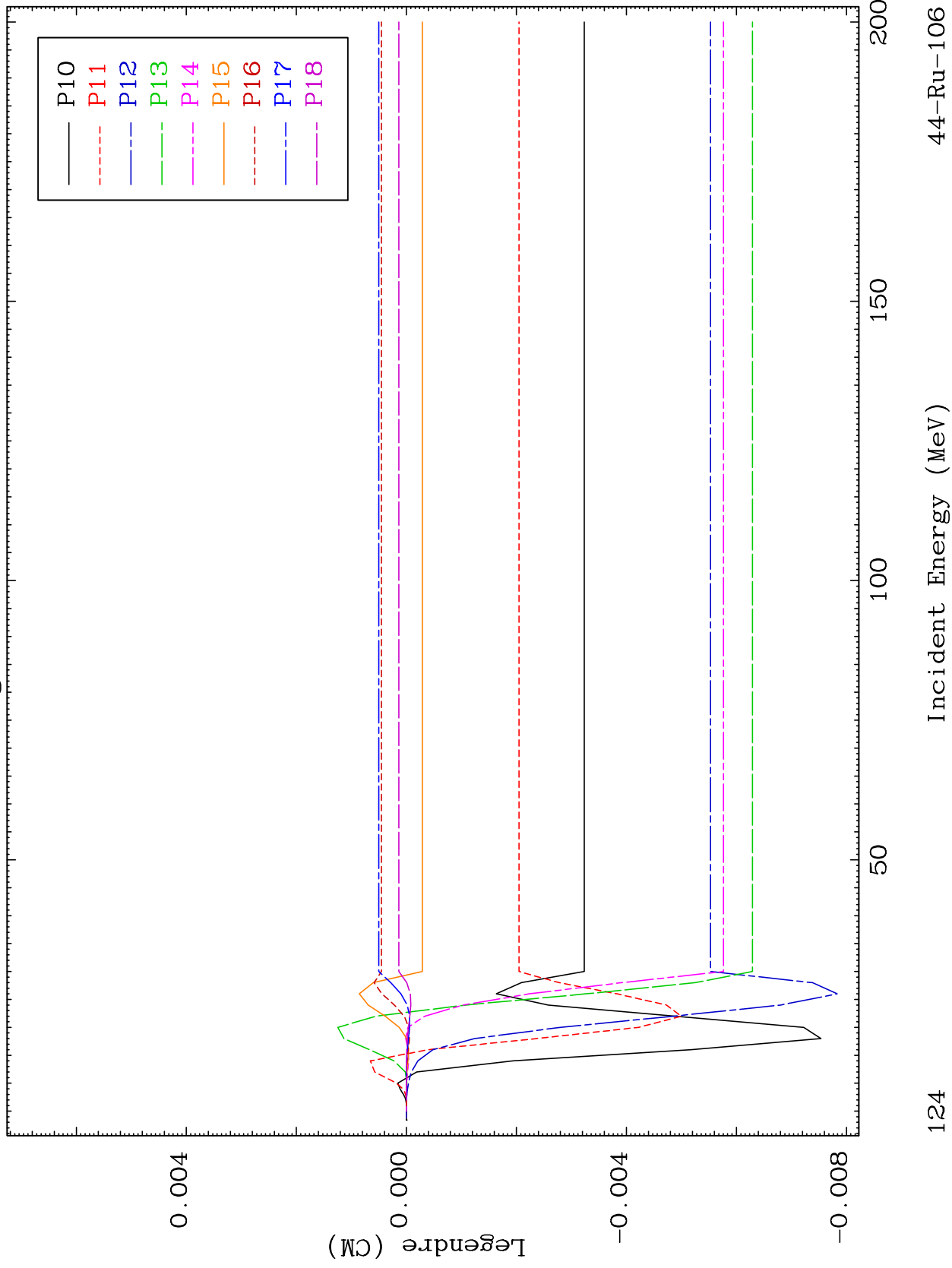
44-Ru-106



MAT 4455

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

44-Ru-106



124

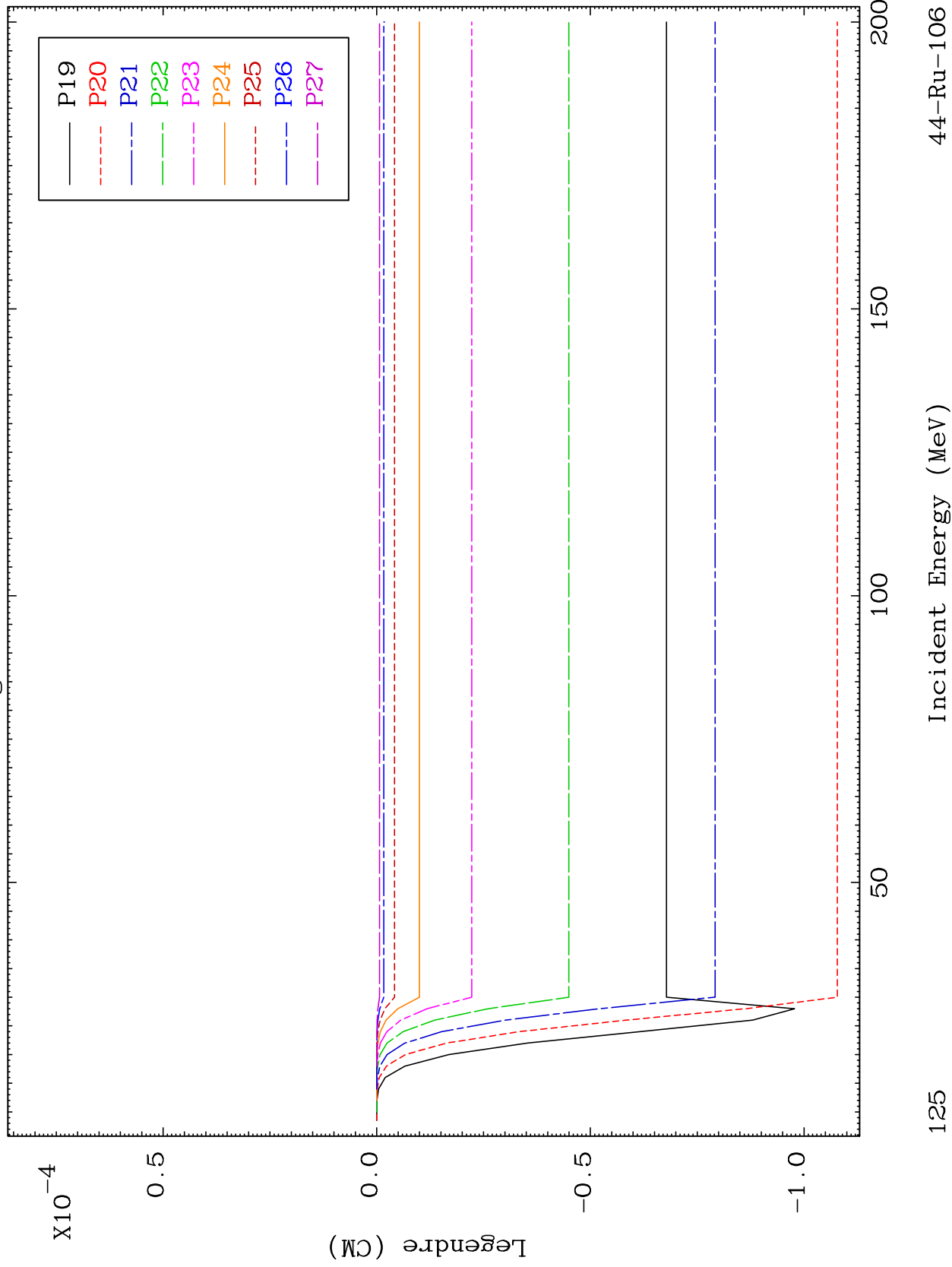
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



125

Incident Energy (MeV)

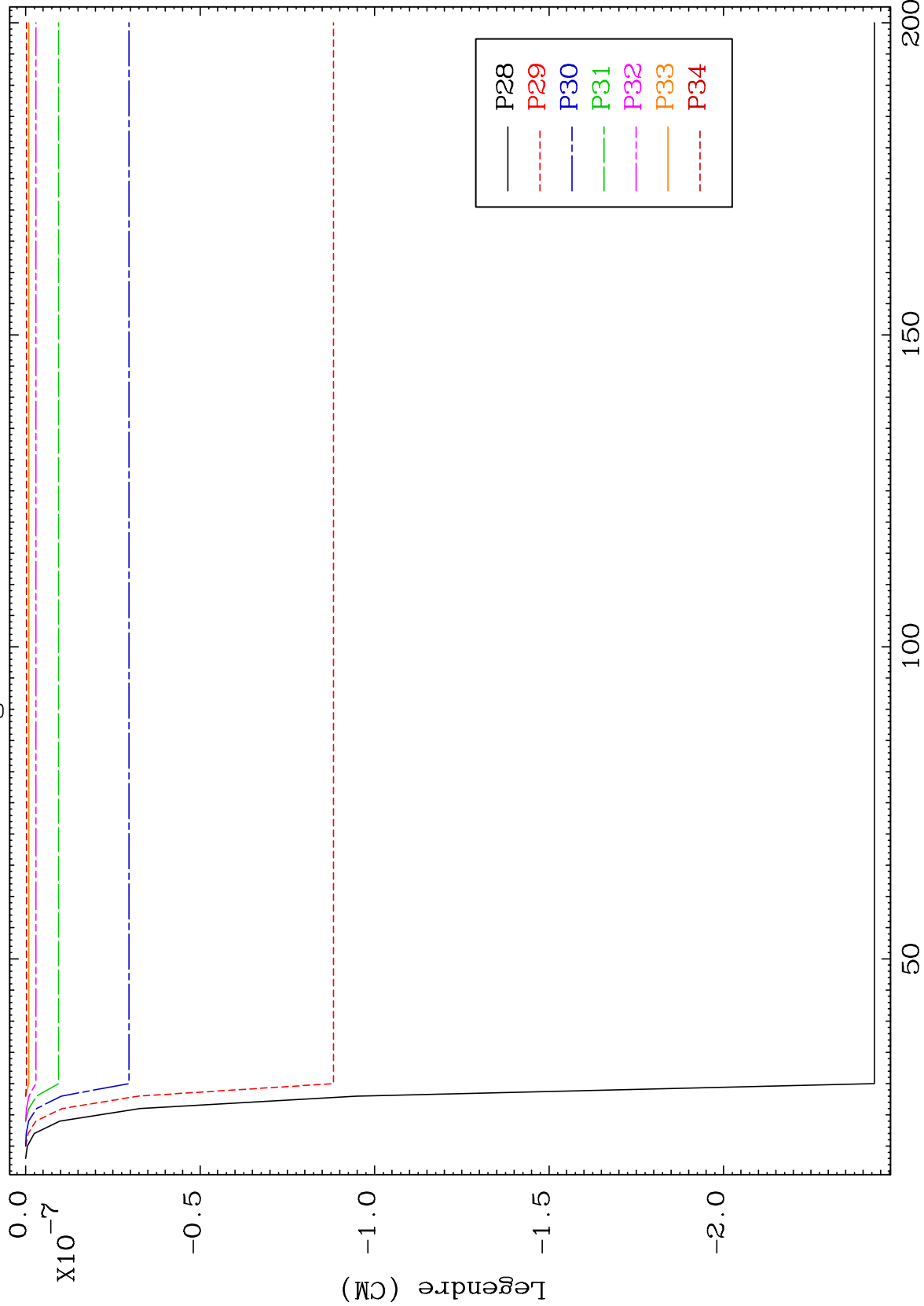
44-Ru-106

MAT 4455

MT= 79 (n,n') Level

44-Ru-106

Legendre Coefficients



126

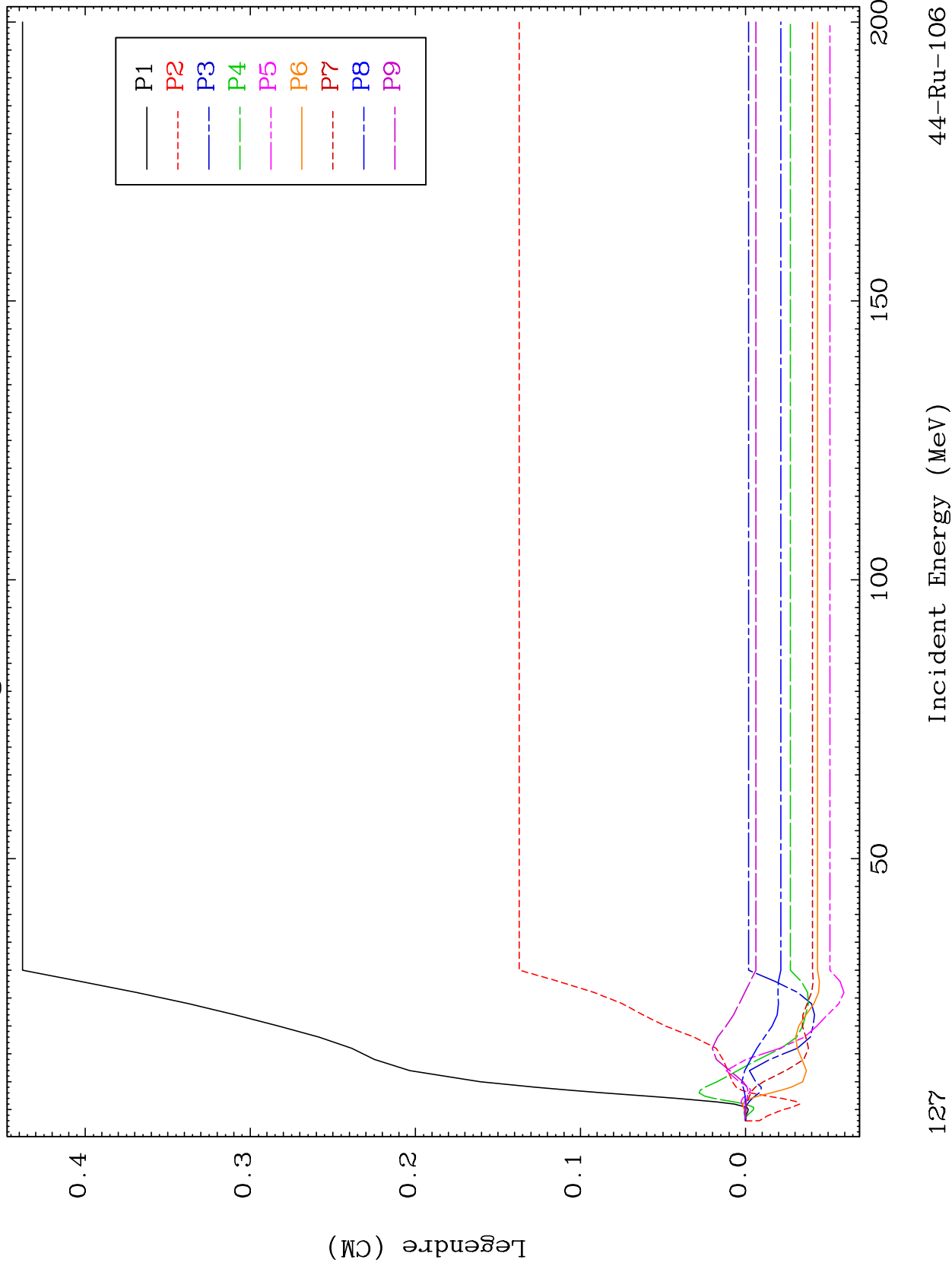
Incident Energy (MeV)

44-Ru-106

MAT 4455

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

44-Ru-106



127

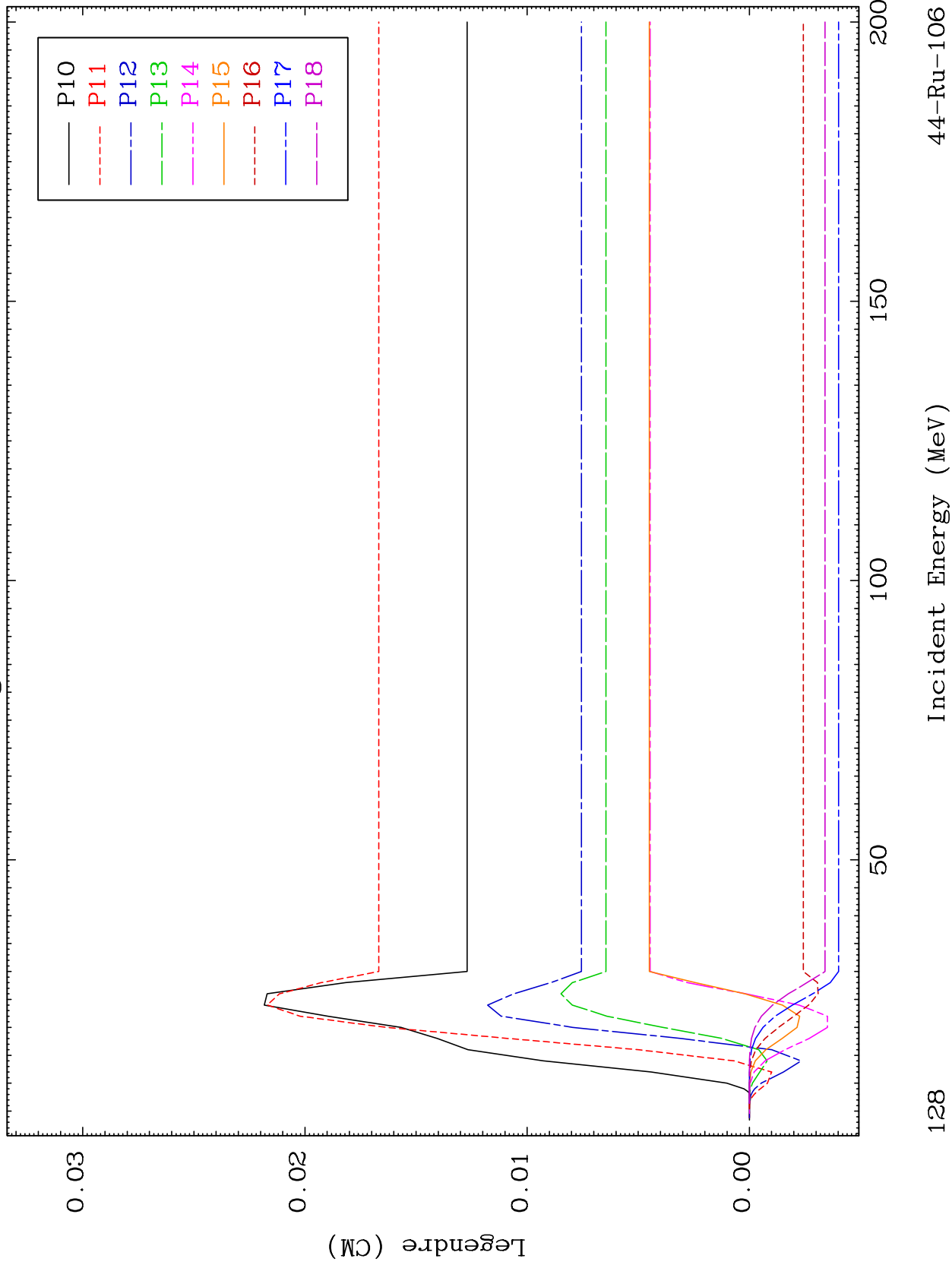
Incident Energy (MeV)

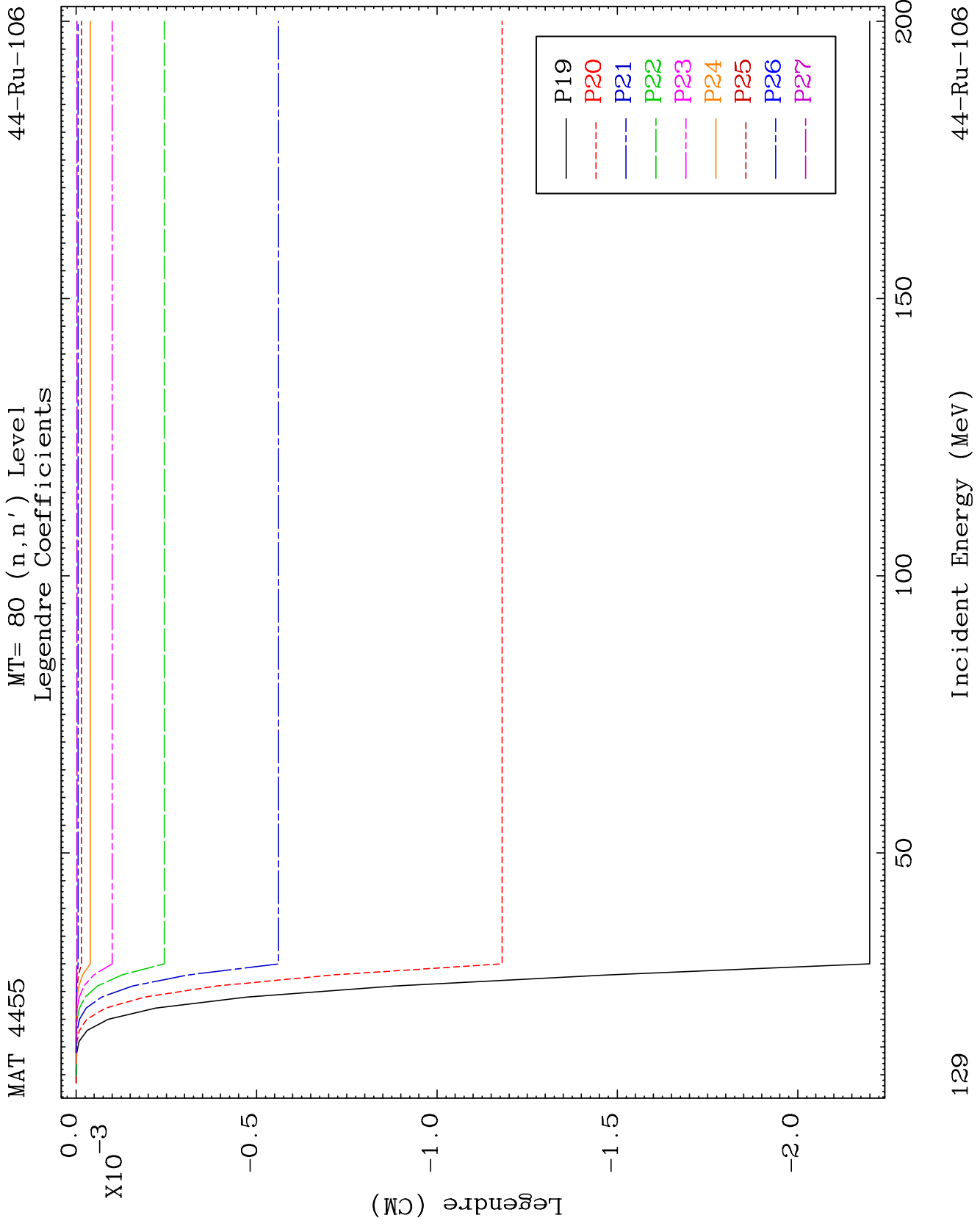
44-Ru-106

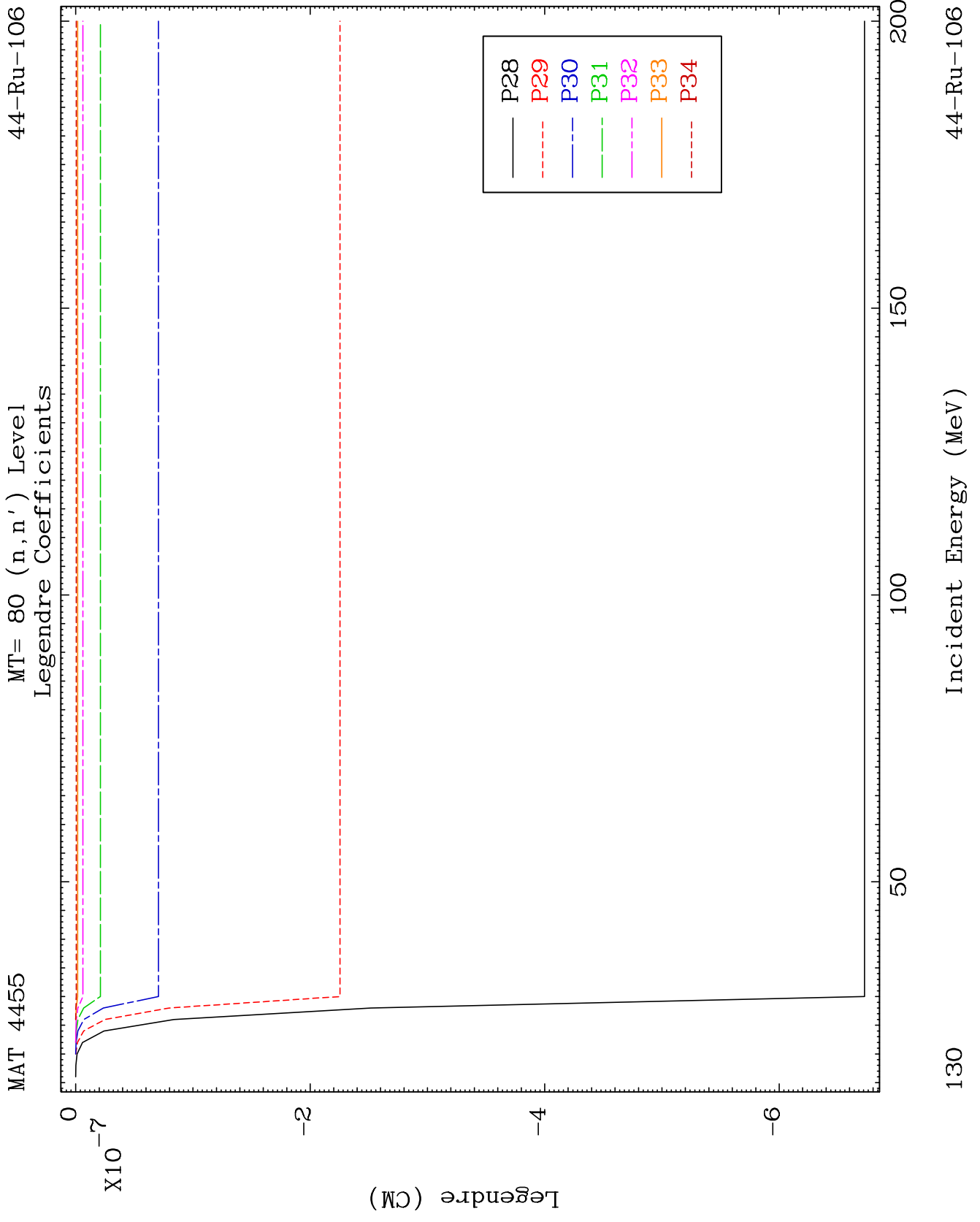
MAT 4455

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

44-Ru-106





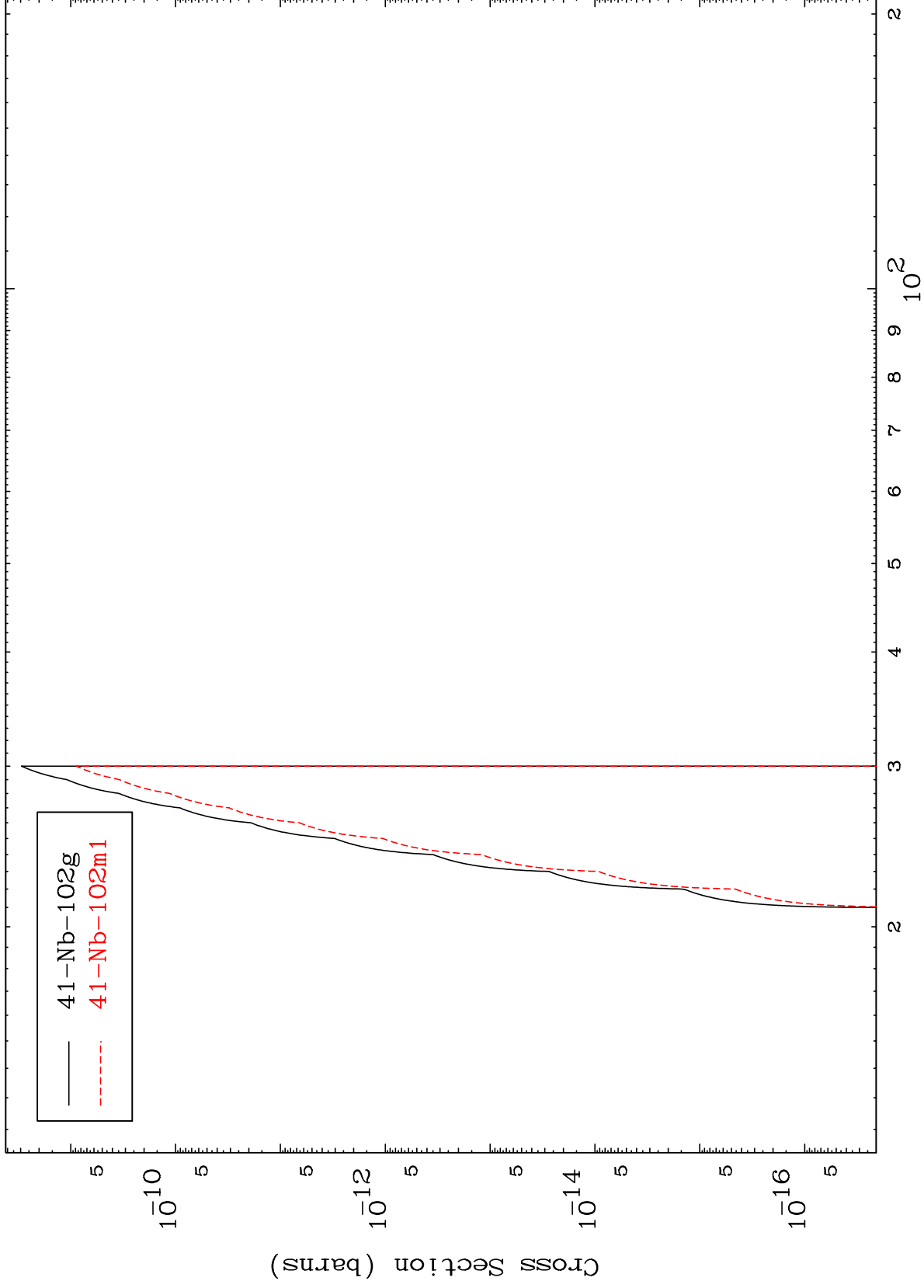


MAT 4455

(n,p) α

44-Ru-106

Radionuclide Production Cross Section



131

Incident Energy (MeV)

44-Ru-106