

Program EVALPLOT
(Version 2021-1)

by

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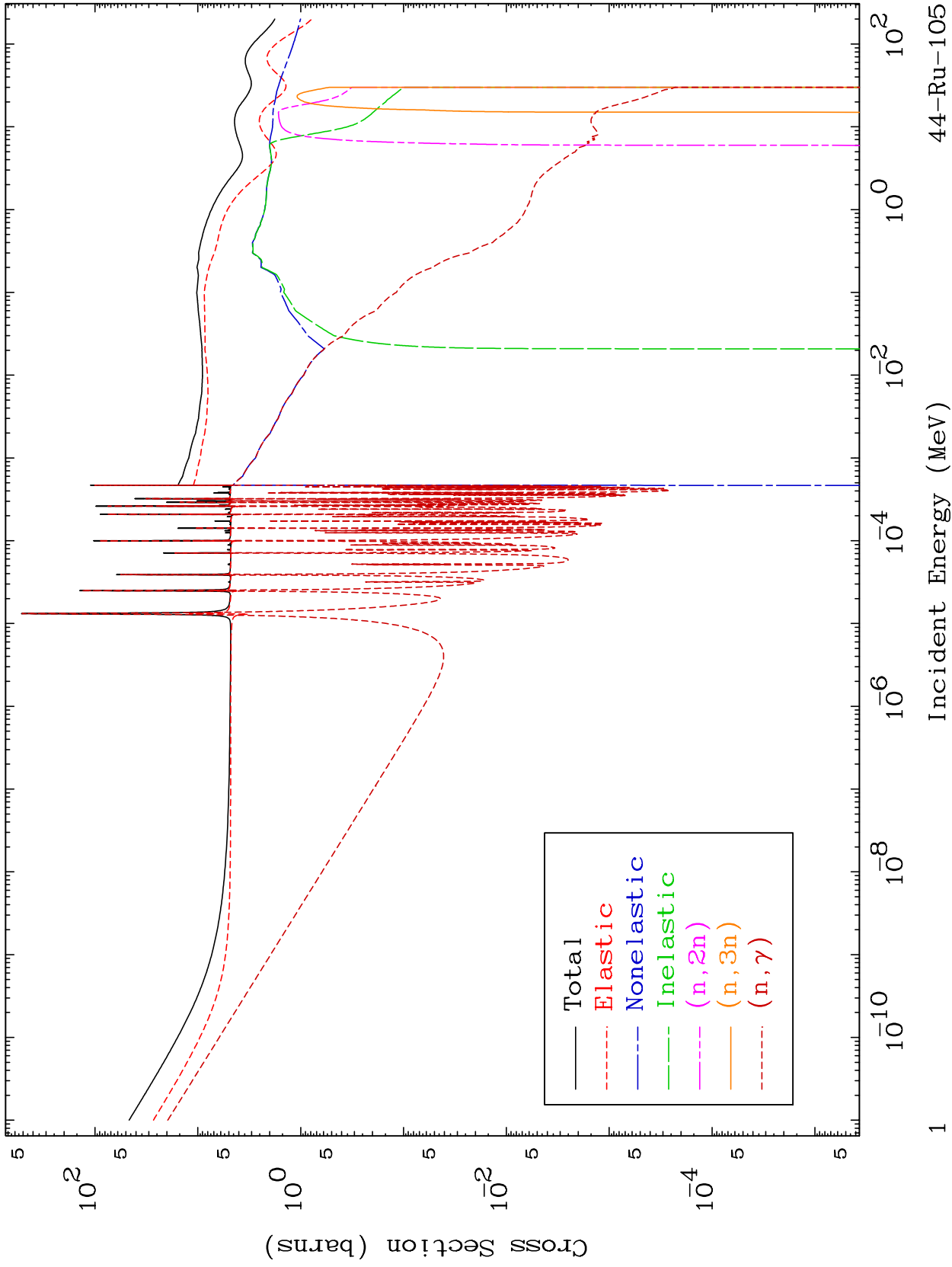
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Press Mouse Button to Start

MAT 4452

Neutron Major
293 Kelvin Cross Sections

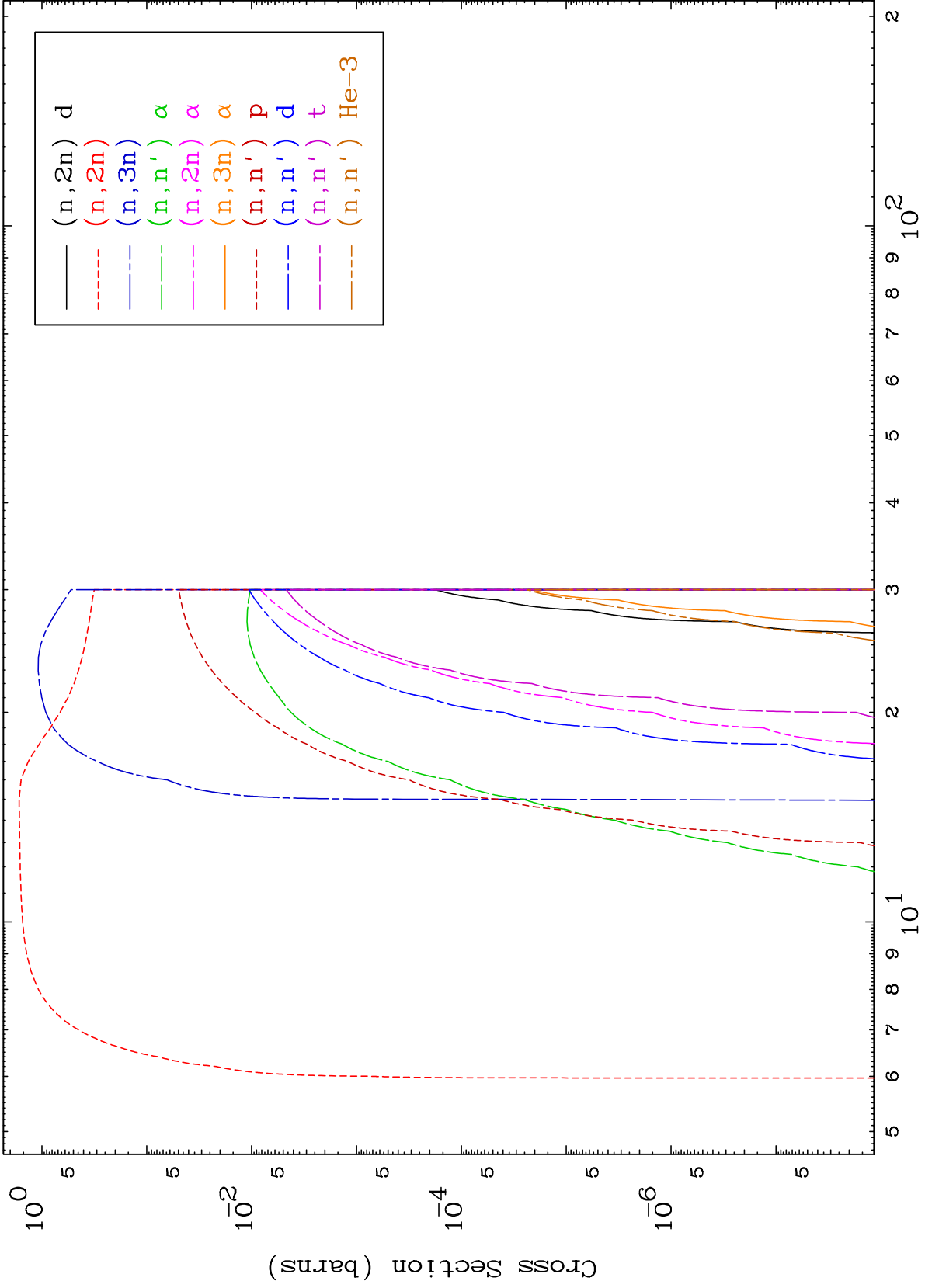
44-Ru-105



MAT 4452

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-105



2

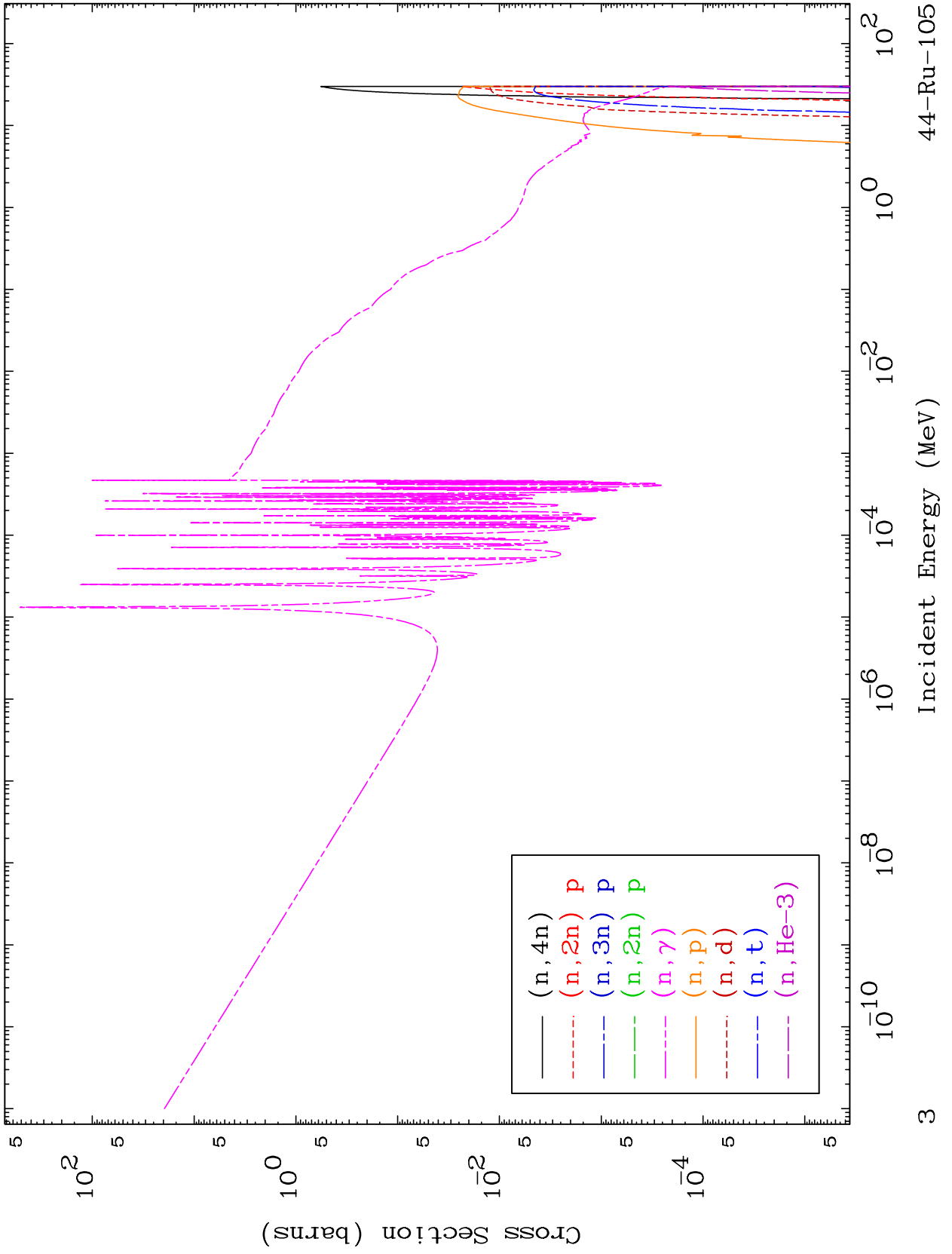
Incident Energy (MeV)

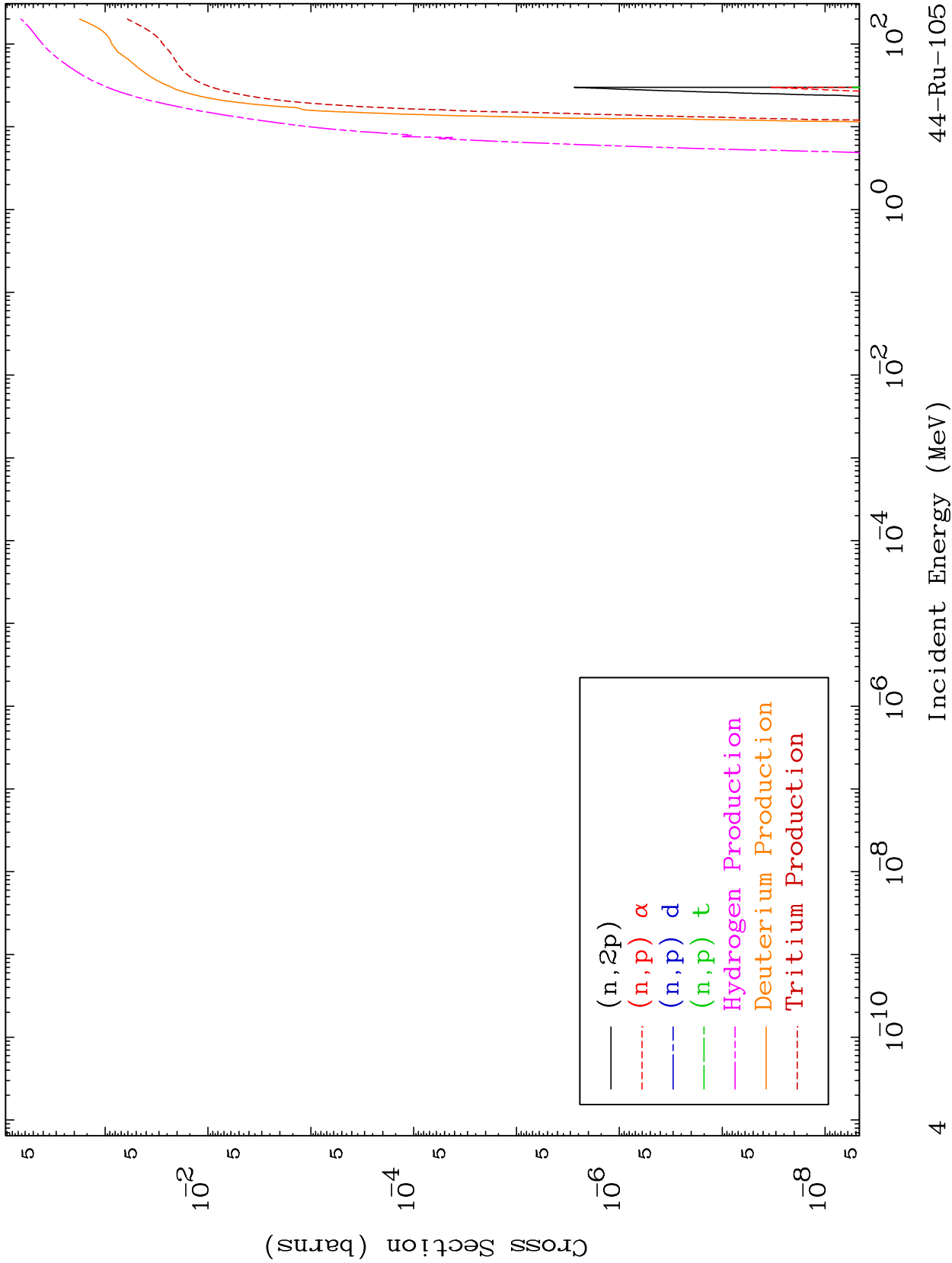
44-Ru-105

MAT 4452

Neutron Absorption
293 Kelvin Cross Sections

44-Ru-105

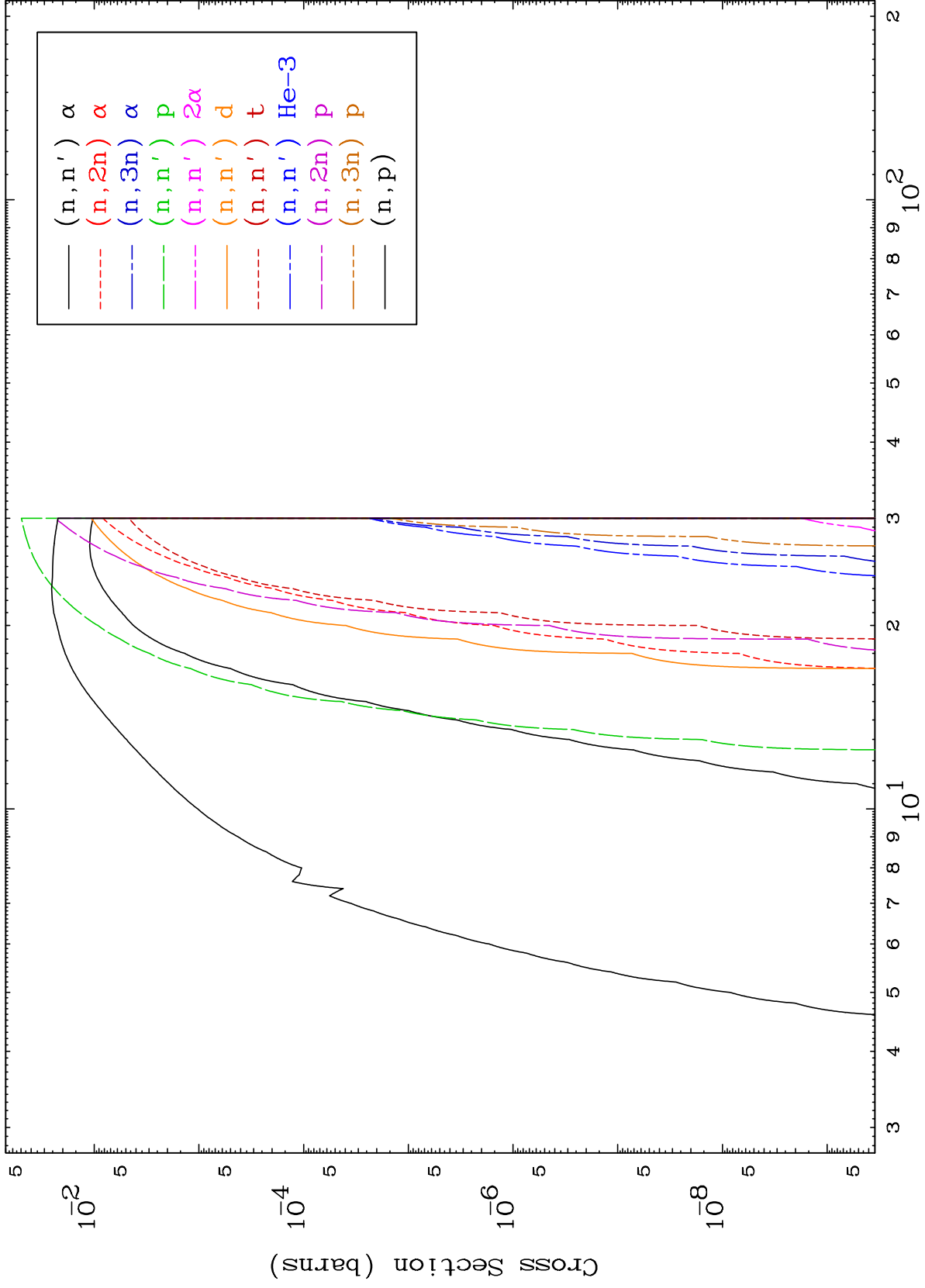




MAT 4452

Charged Particle
293 Kelvin Cross Sections

44-Ru-105



5

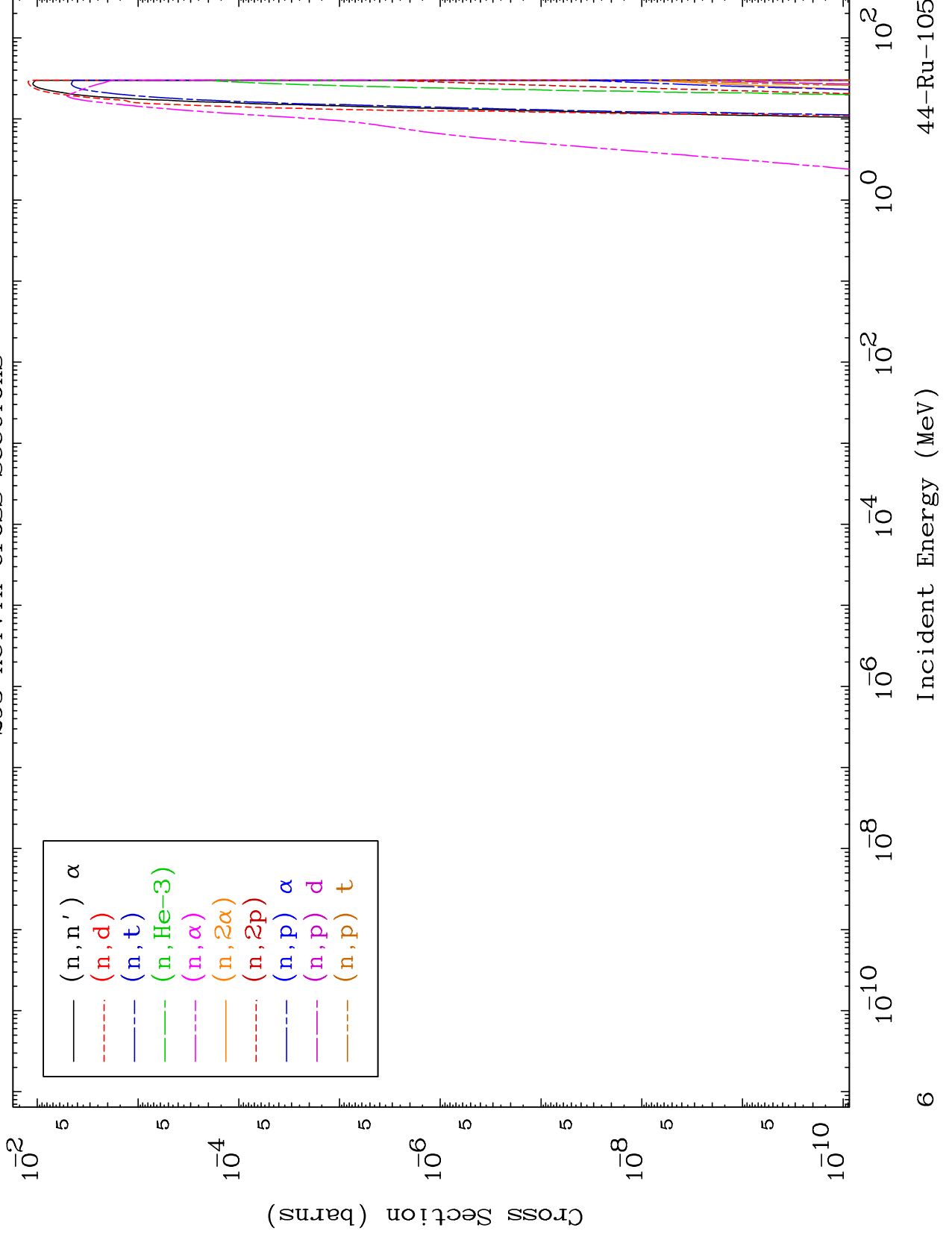
Incident Energy (MeV)

44-Ru-105

MAT 4452

Charged Particle
293 Kelvin Cross Sections

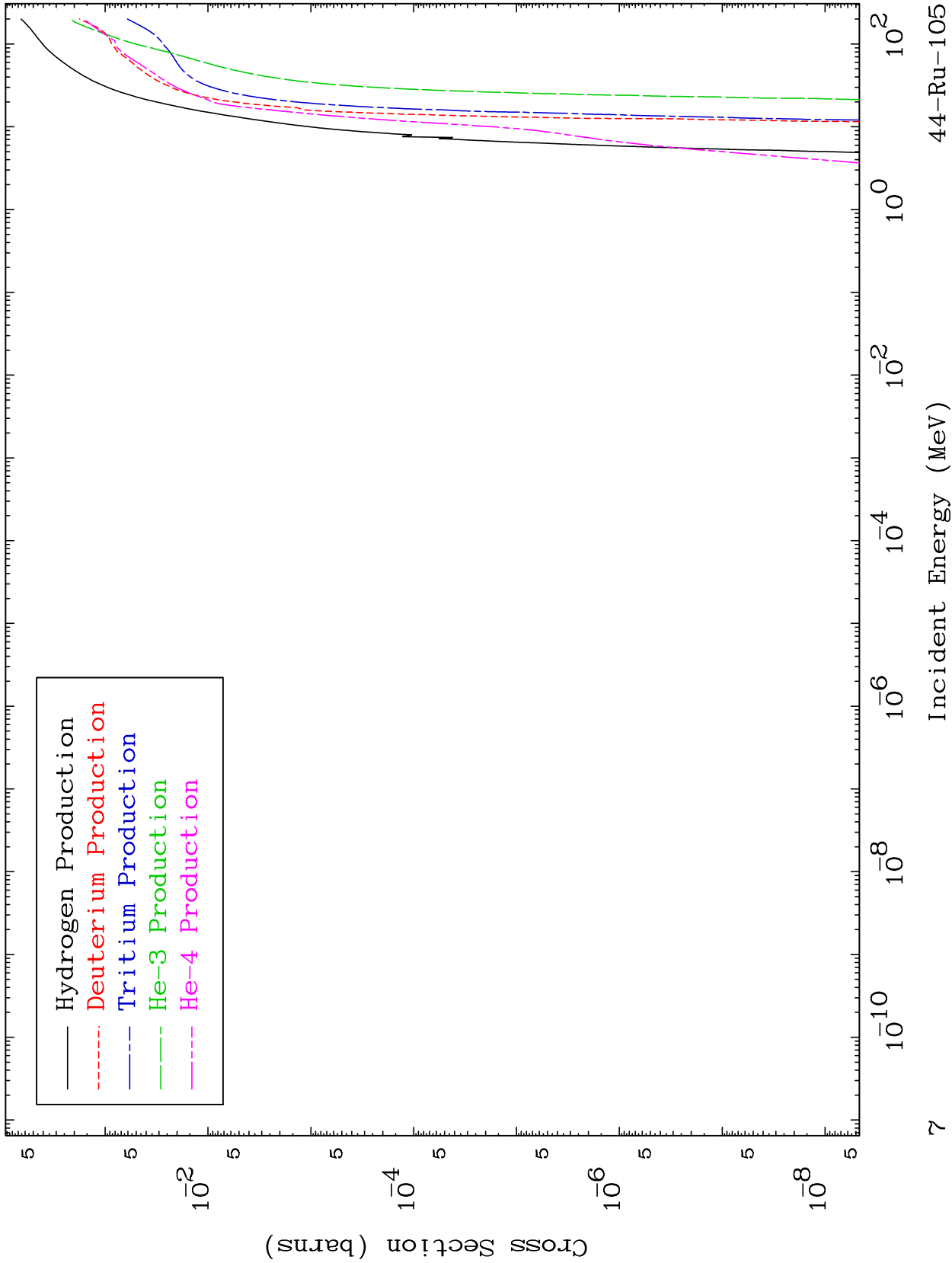
44-Ru-105



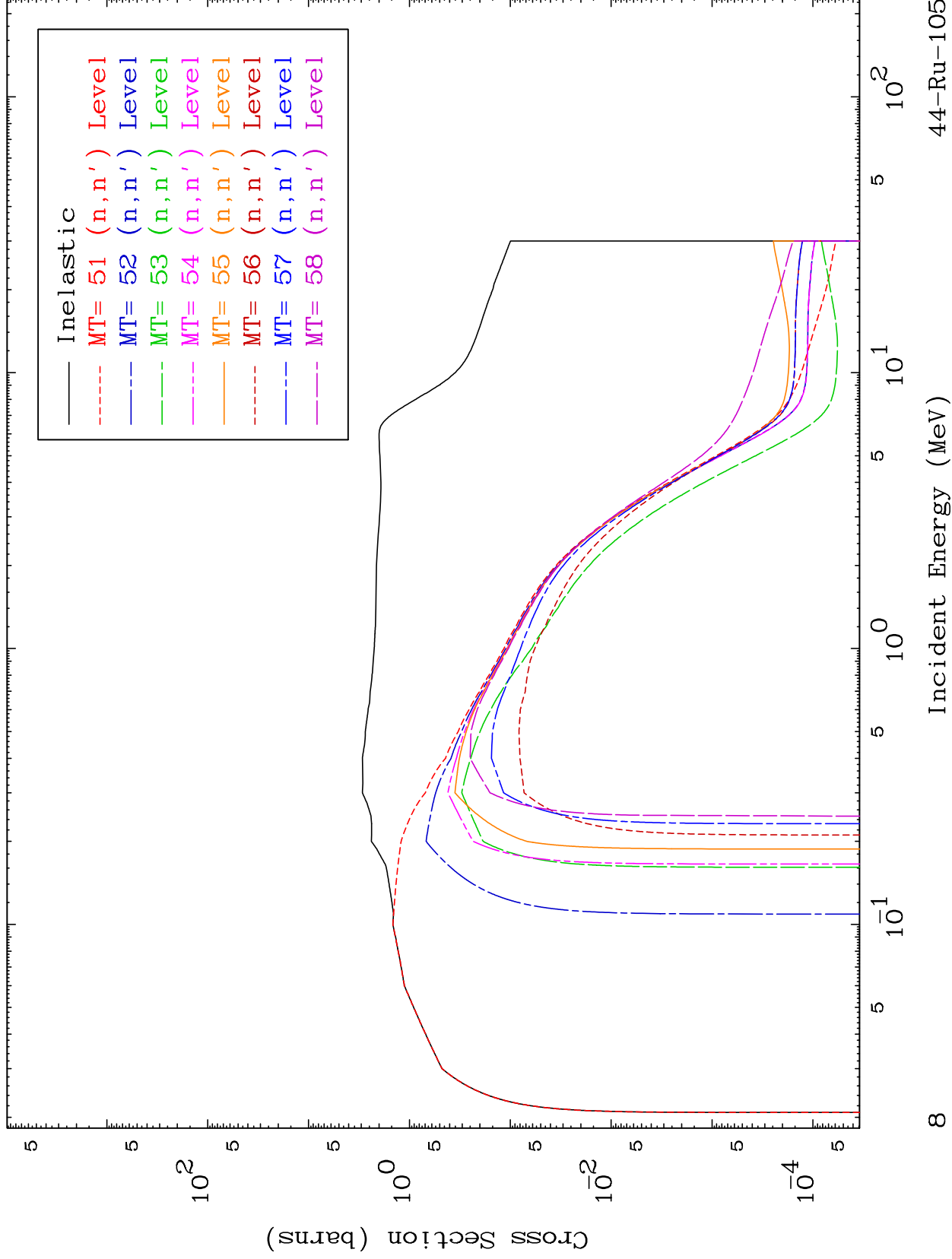
MAT 4452

Particle Production
293 Kelvin Cross Sections

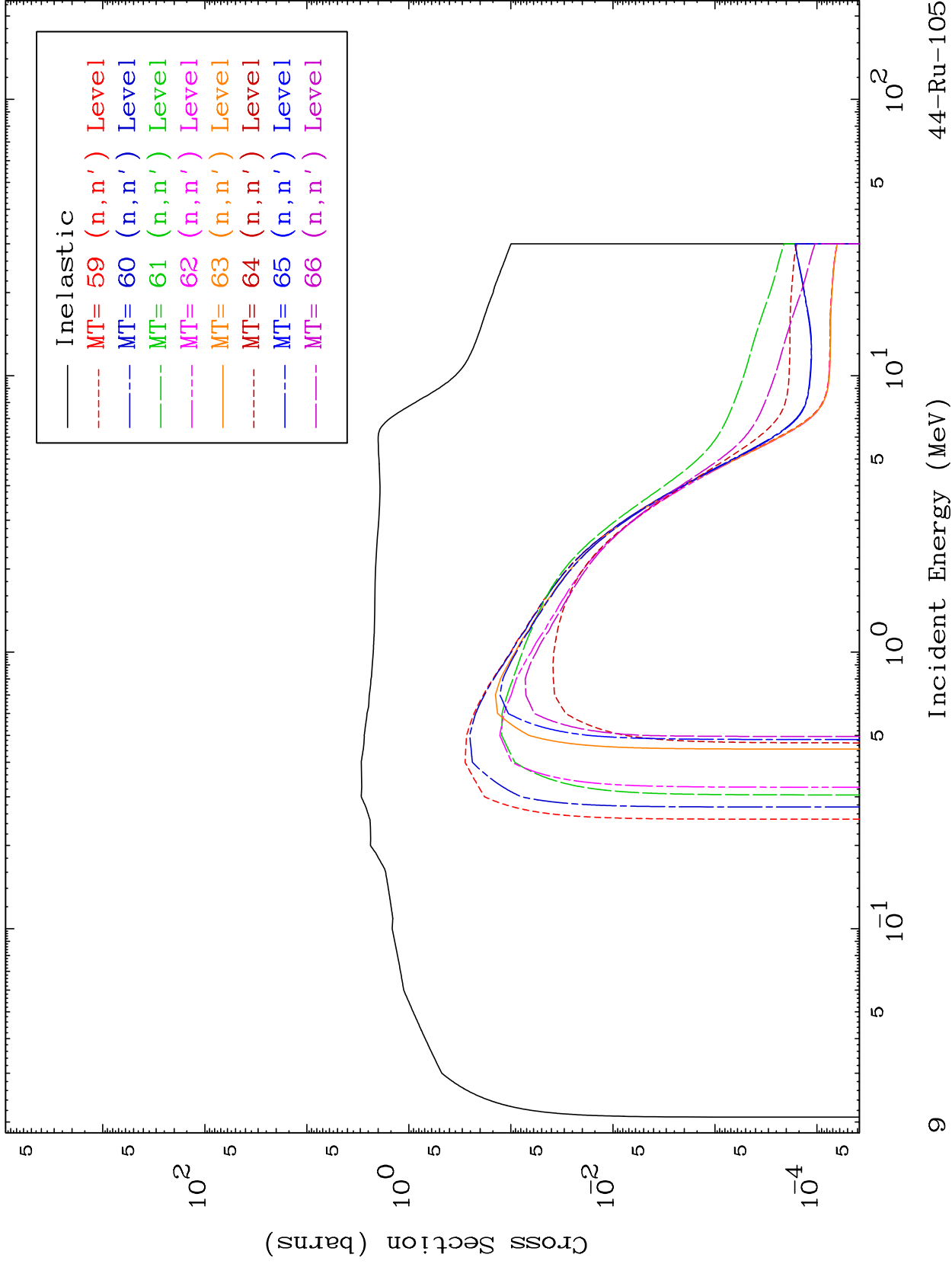
44-Ru-105



293 Kelvin Cross Sections



293 Kelvin Cross Sections

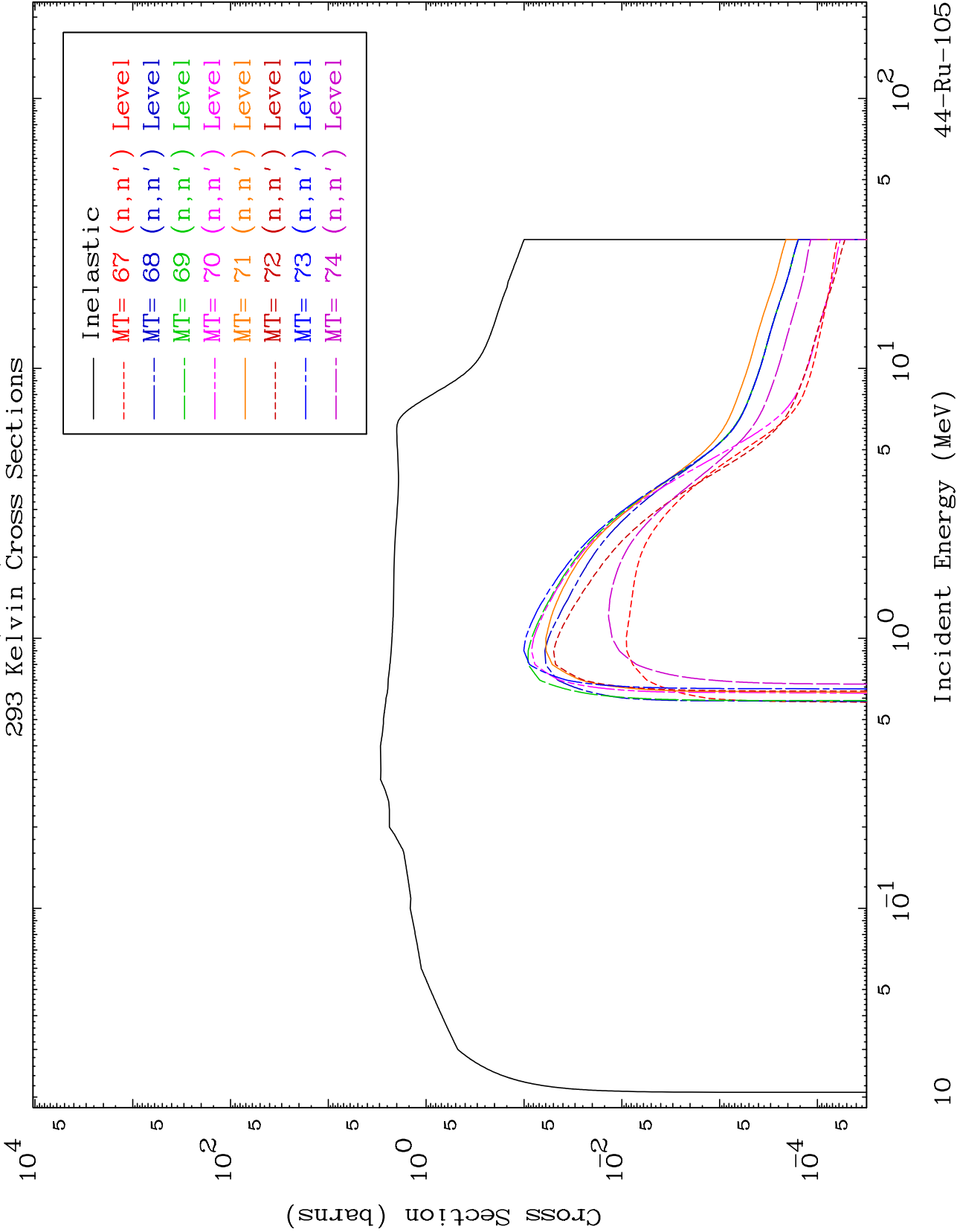


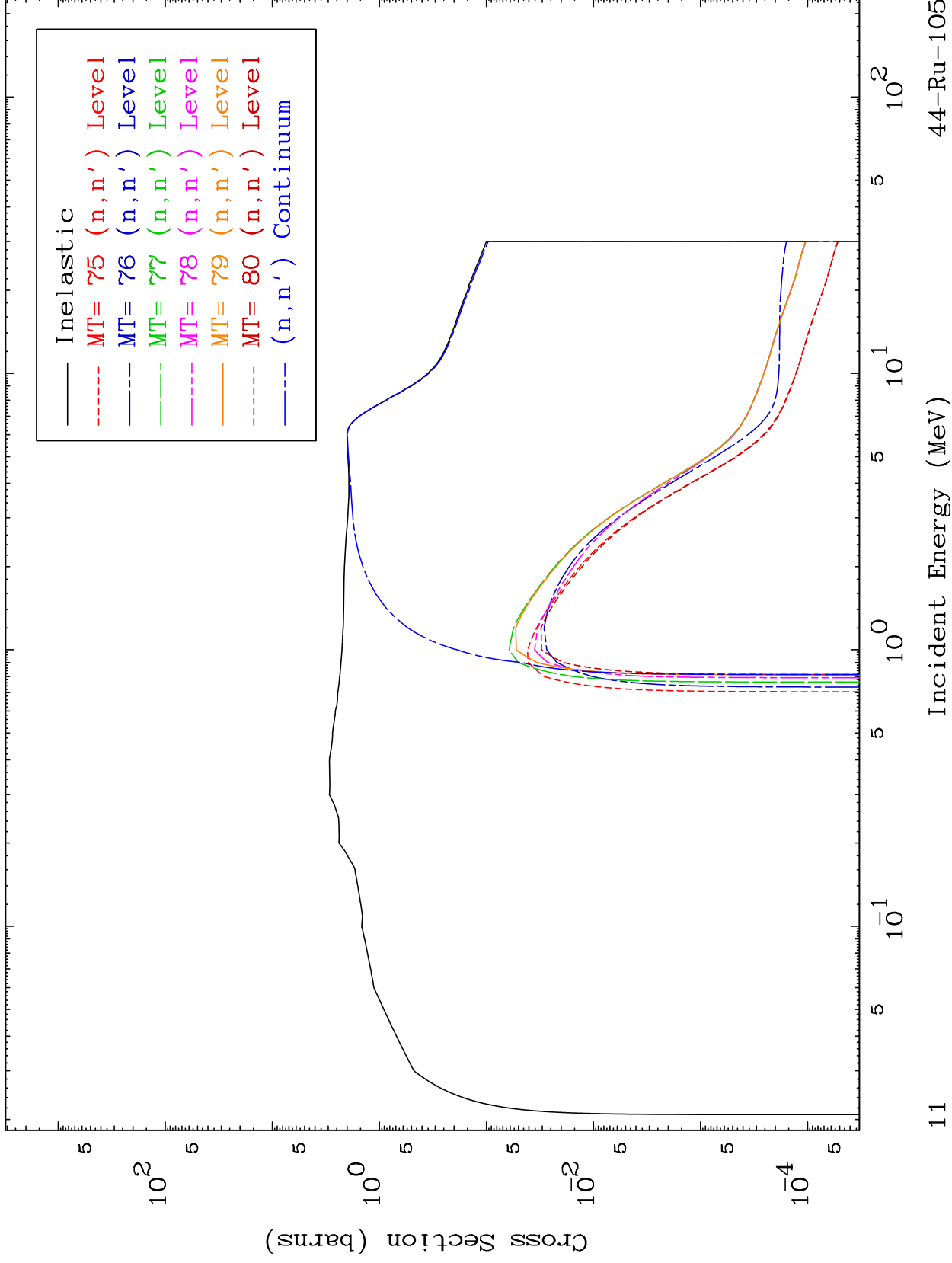
MAT 4452

(n,n') Levels

44-Ru-105

293 Kelvin Cross Sections

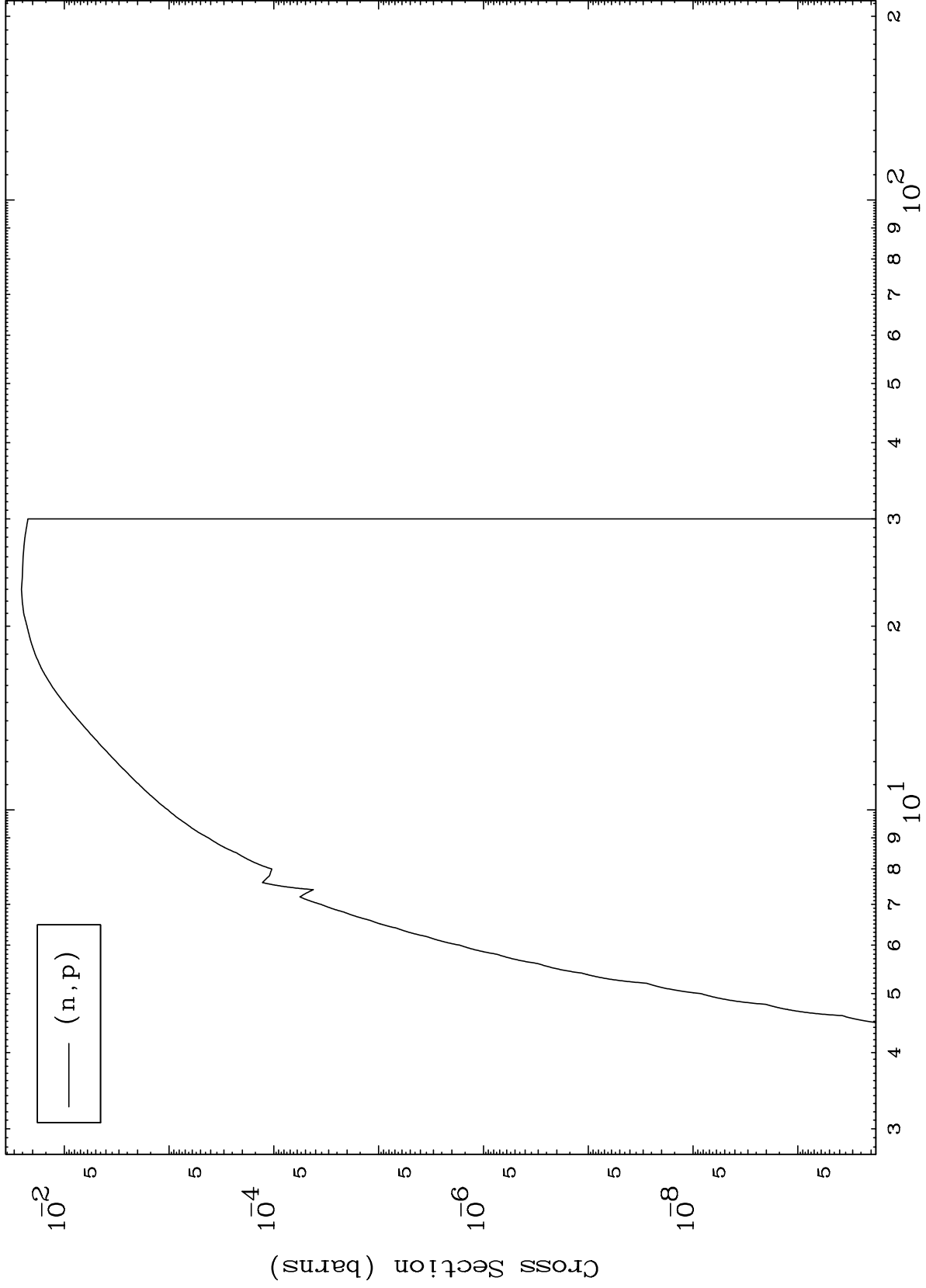




MAT 4452

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-105



12

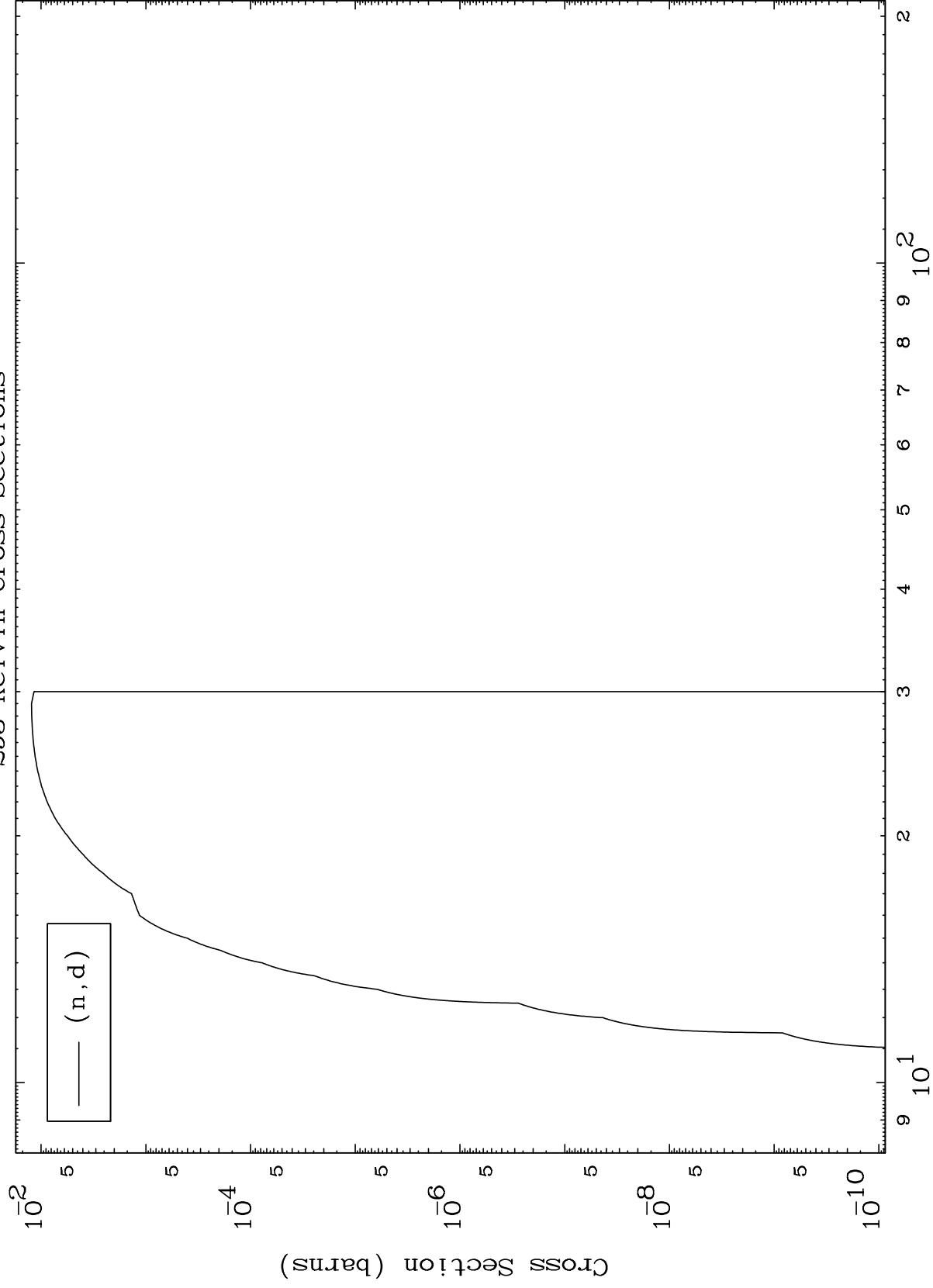
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-105



13

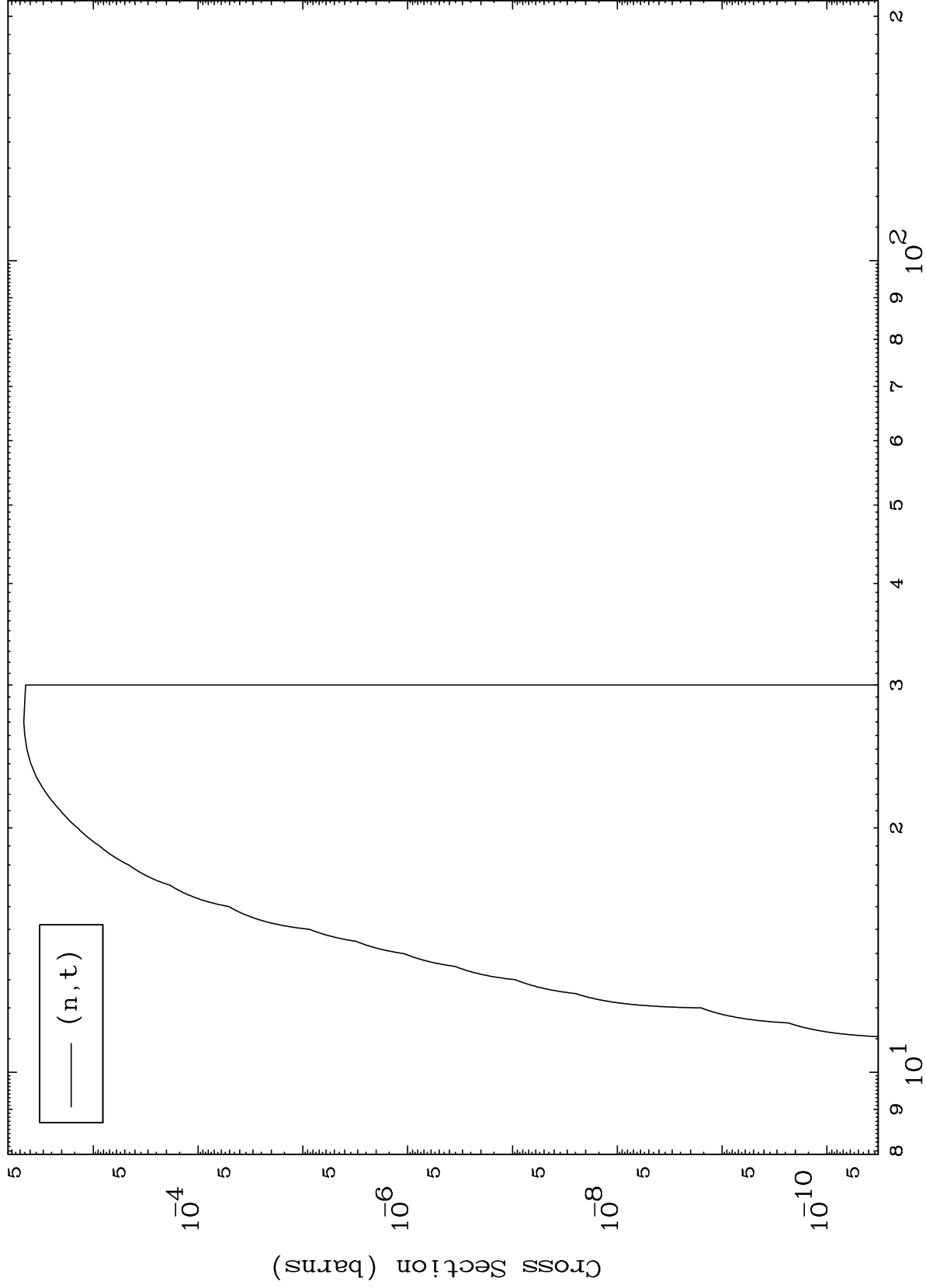
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-105



14

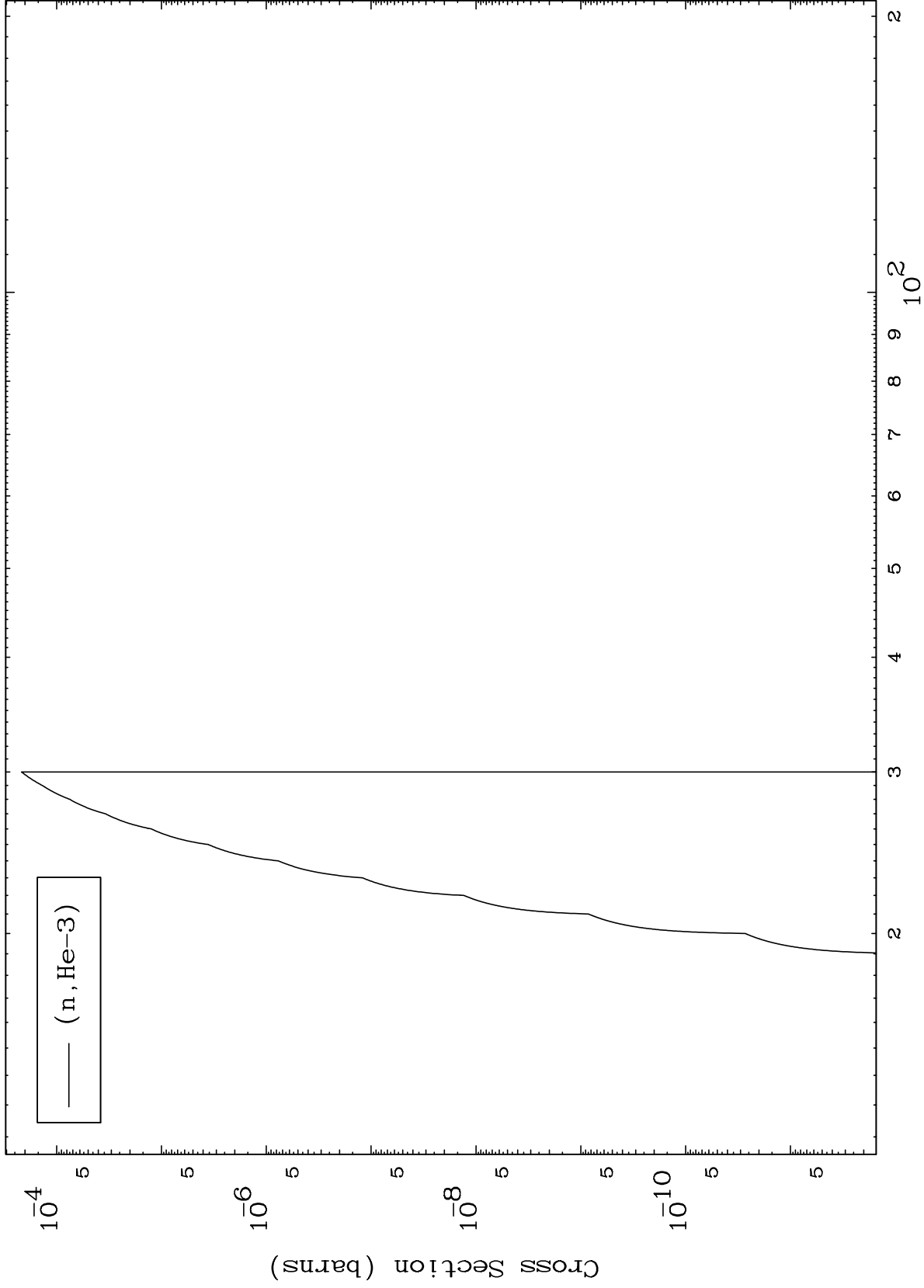
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-105



15

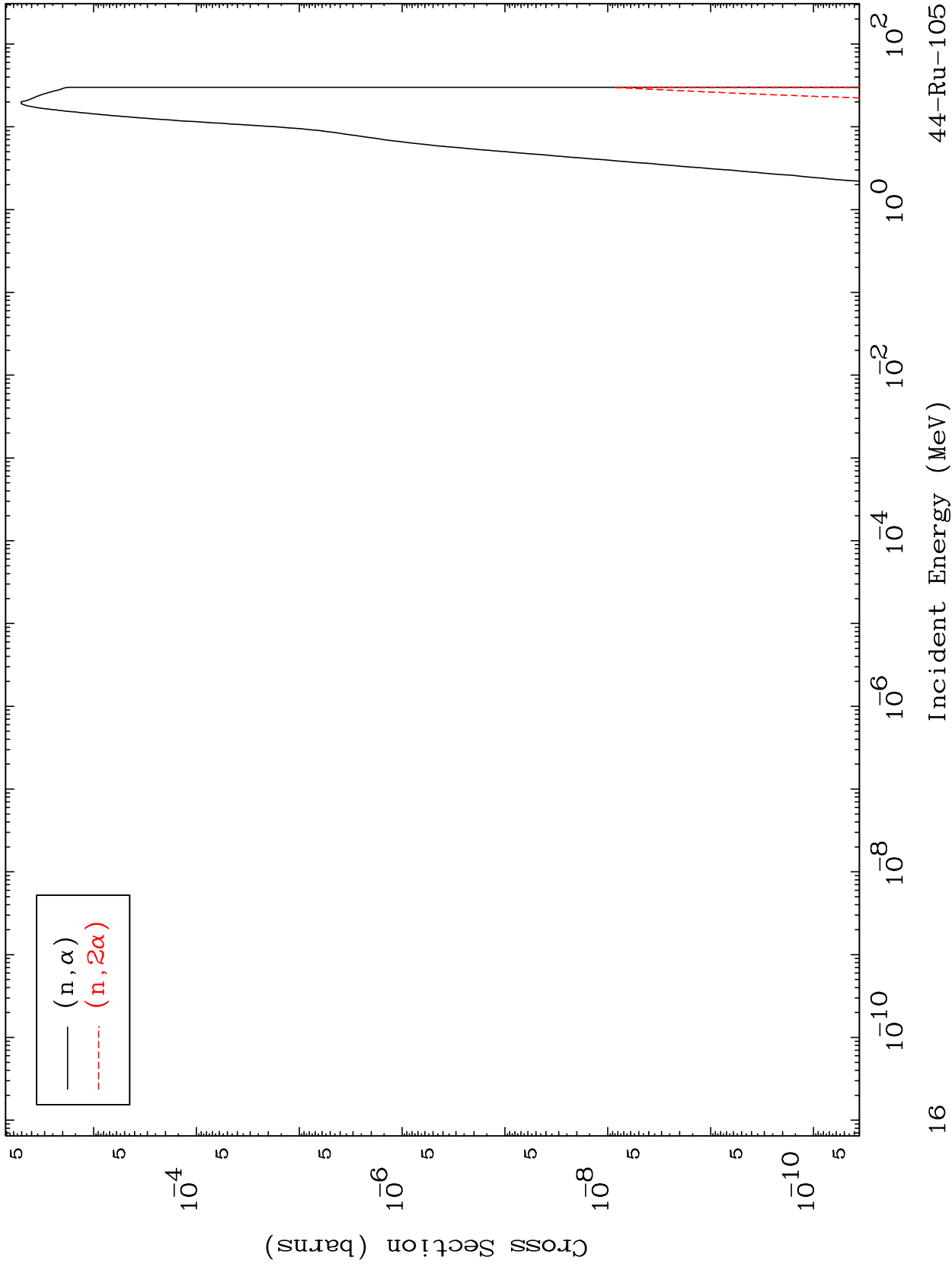
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n, α) Levels
293 Kelvin Cross Sections

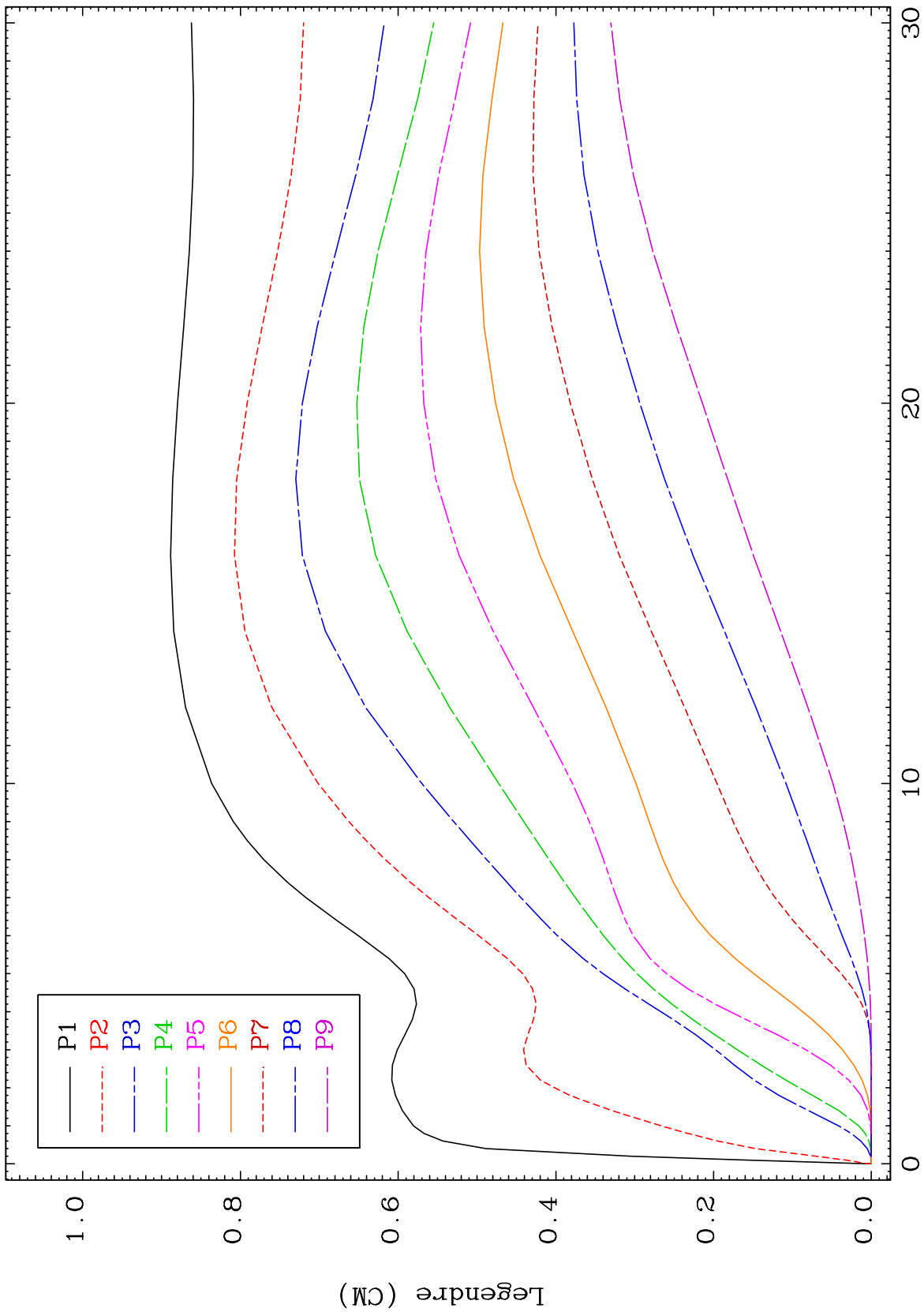
44-Ru-105



MAT 4452

Elastic Legendre Coefficients

44-Ru-105



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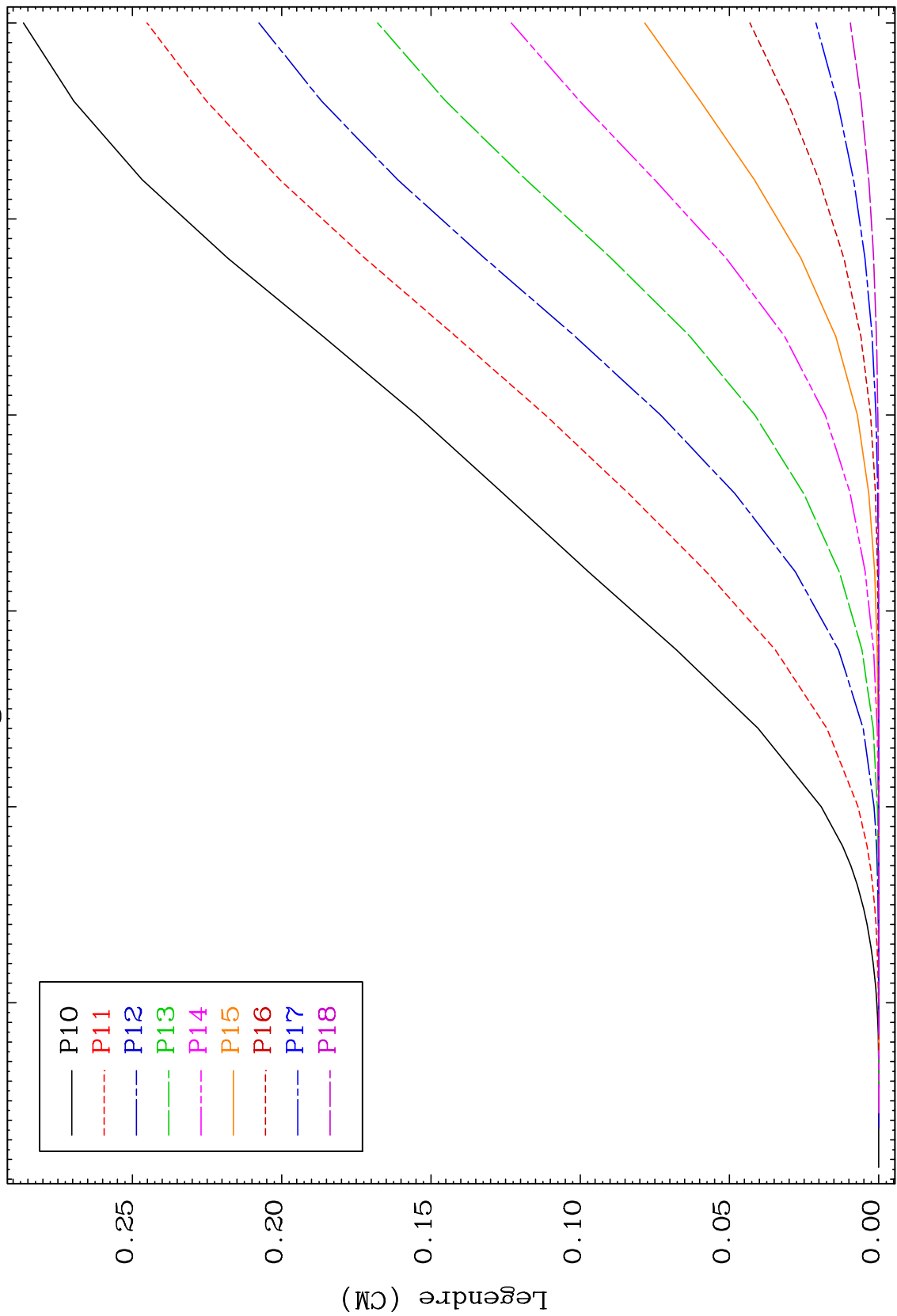
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic Legendre Coefficients

44-Ru-105



18

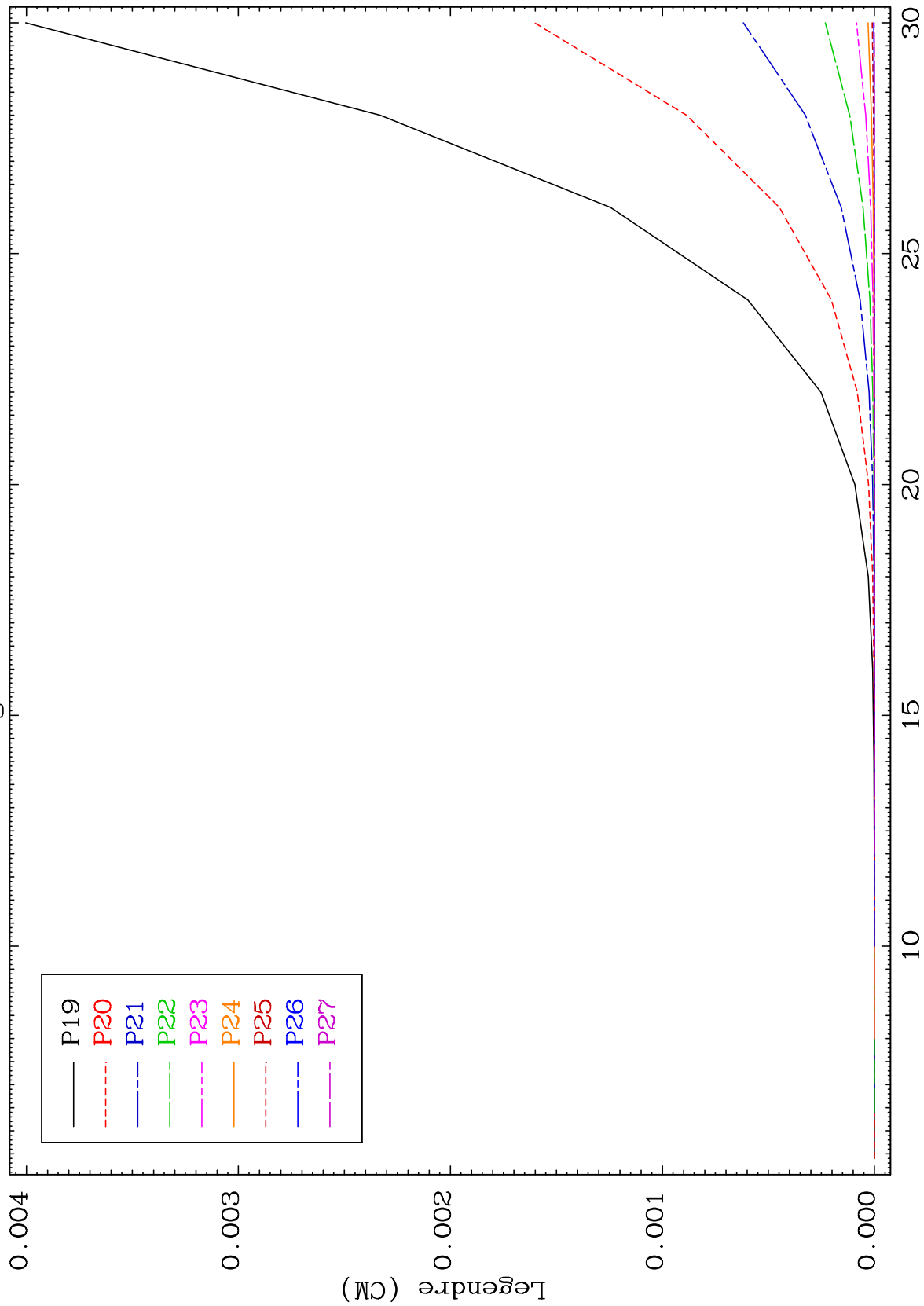
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic
Legendre Coefficients

44-Ru-105



19

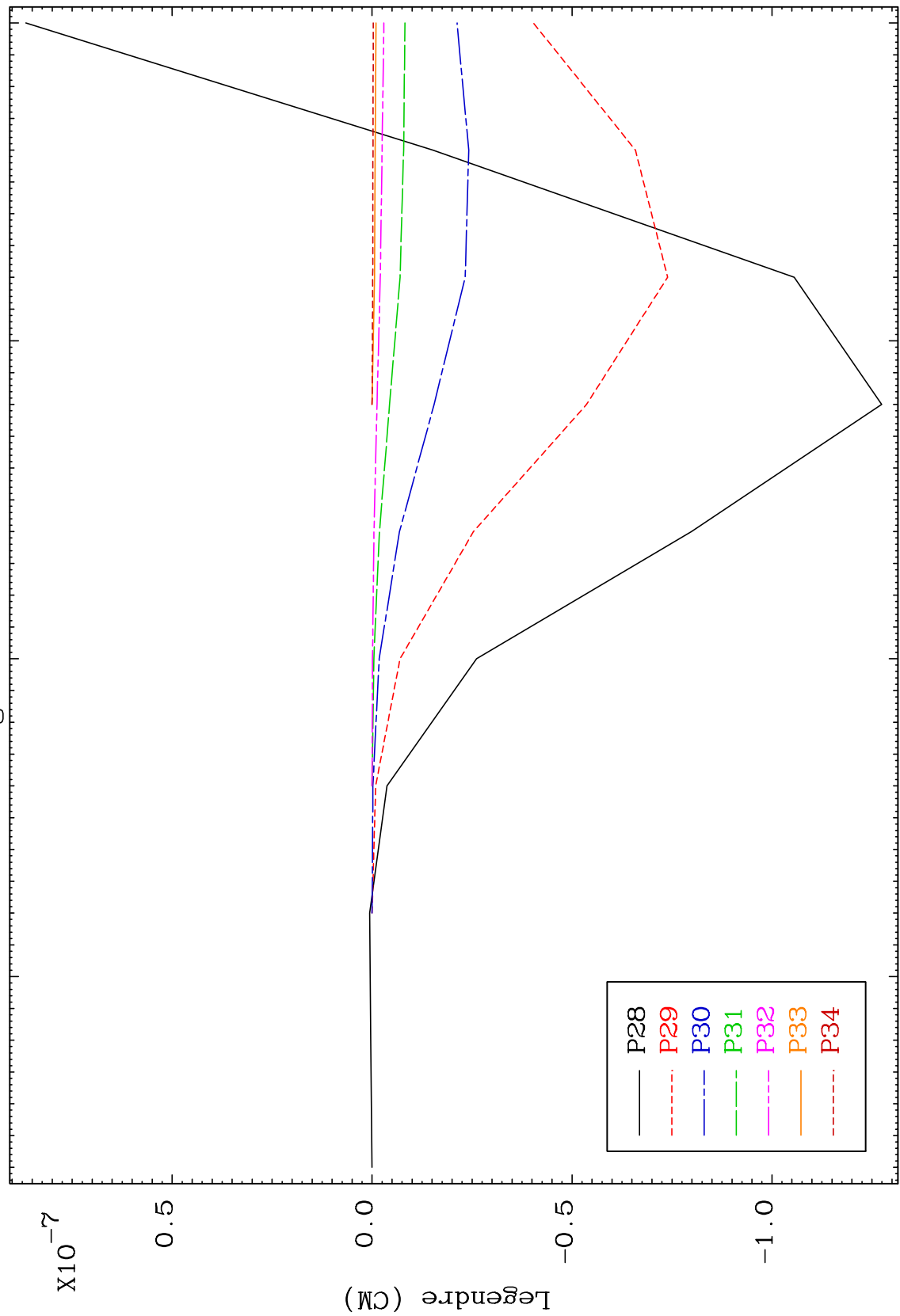
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic
Legendre Coefficients

44-Ru-105



20

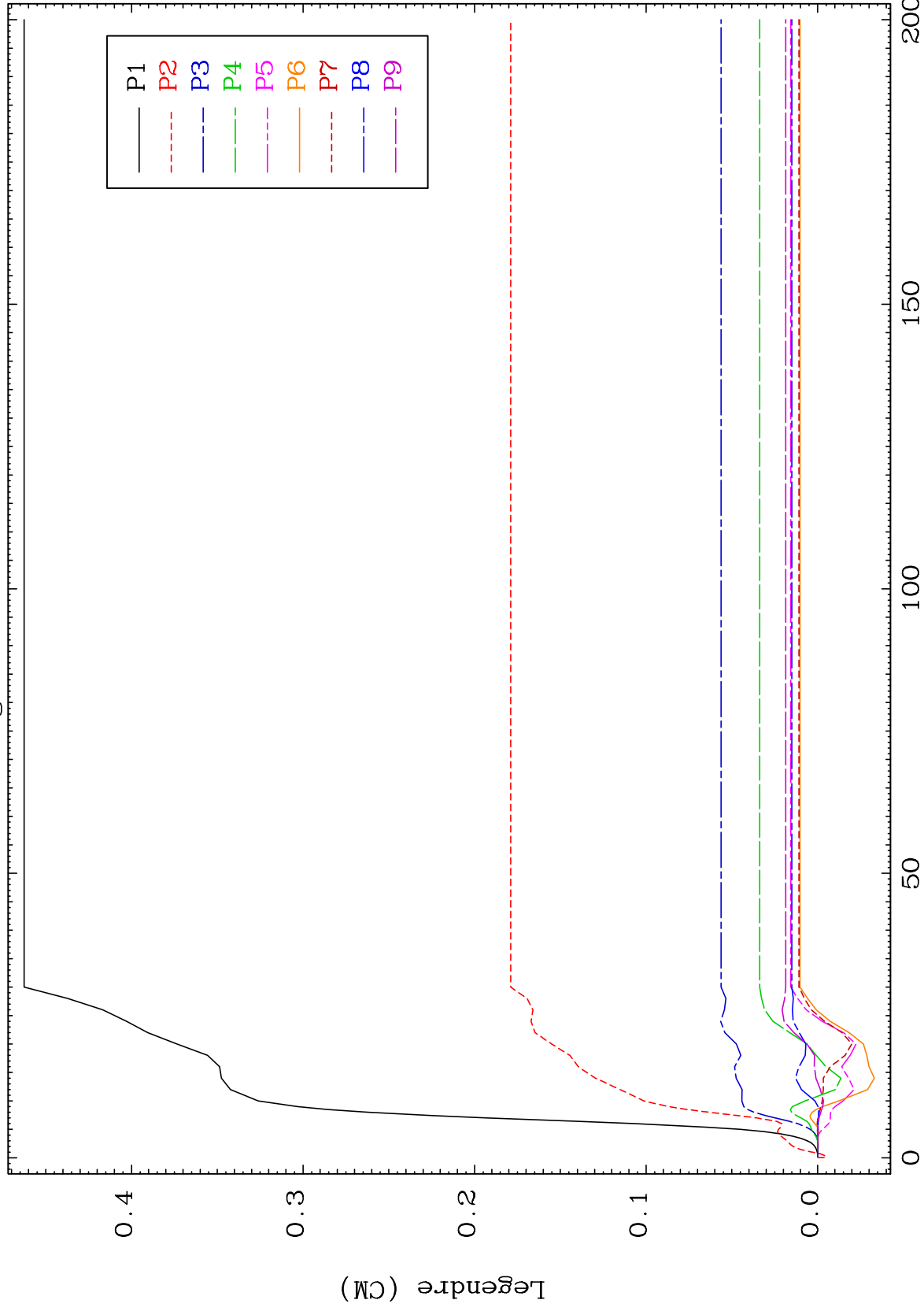
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



21

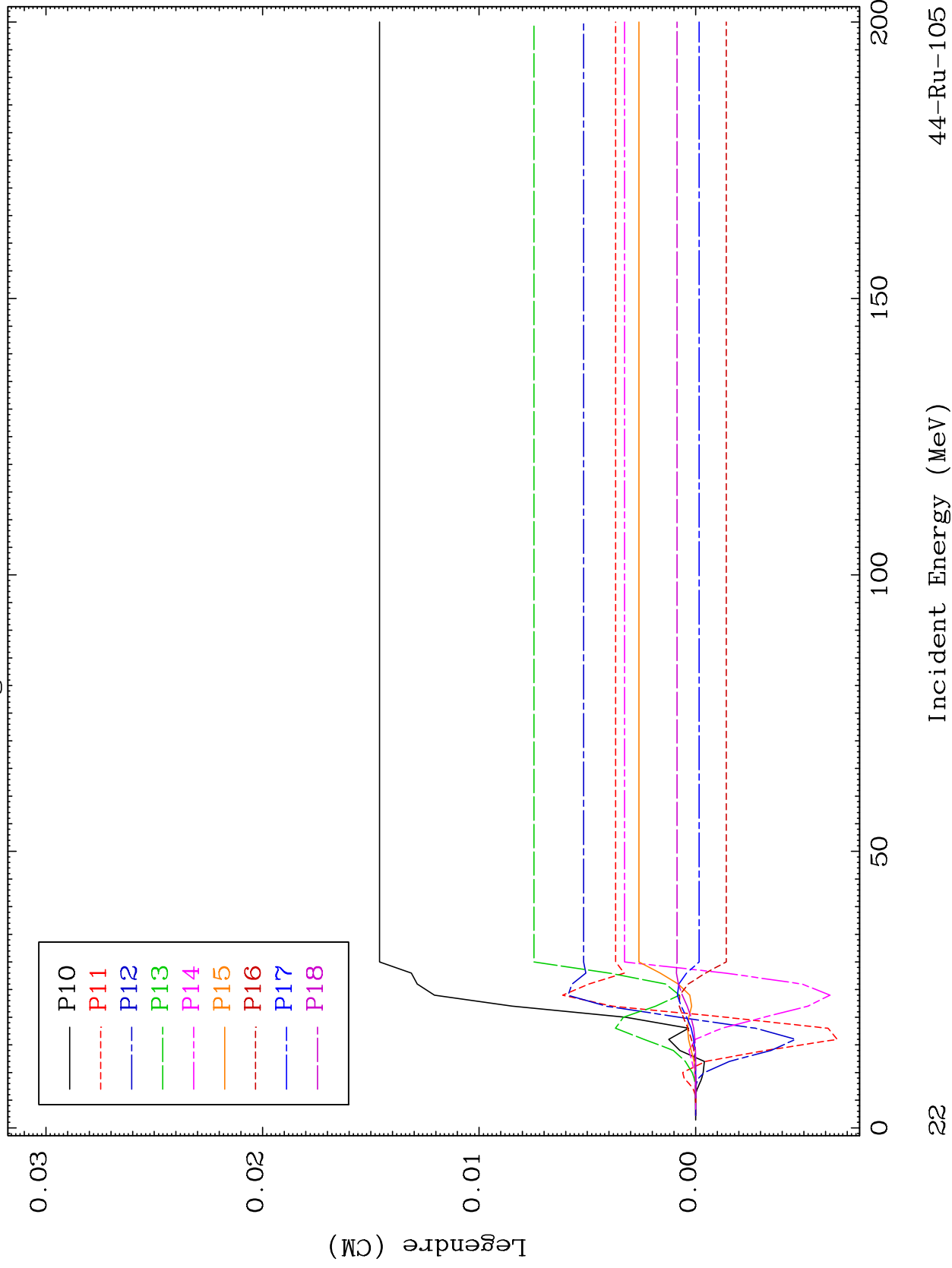
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



22

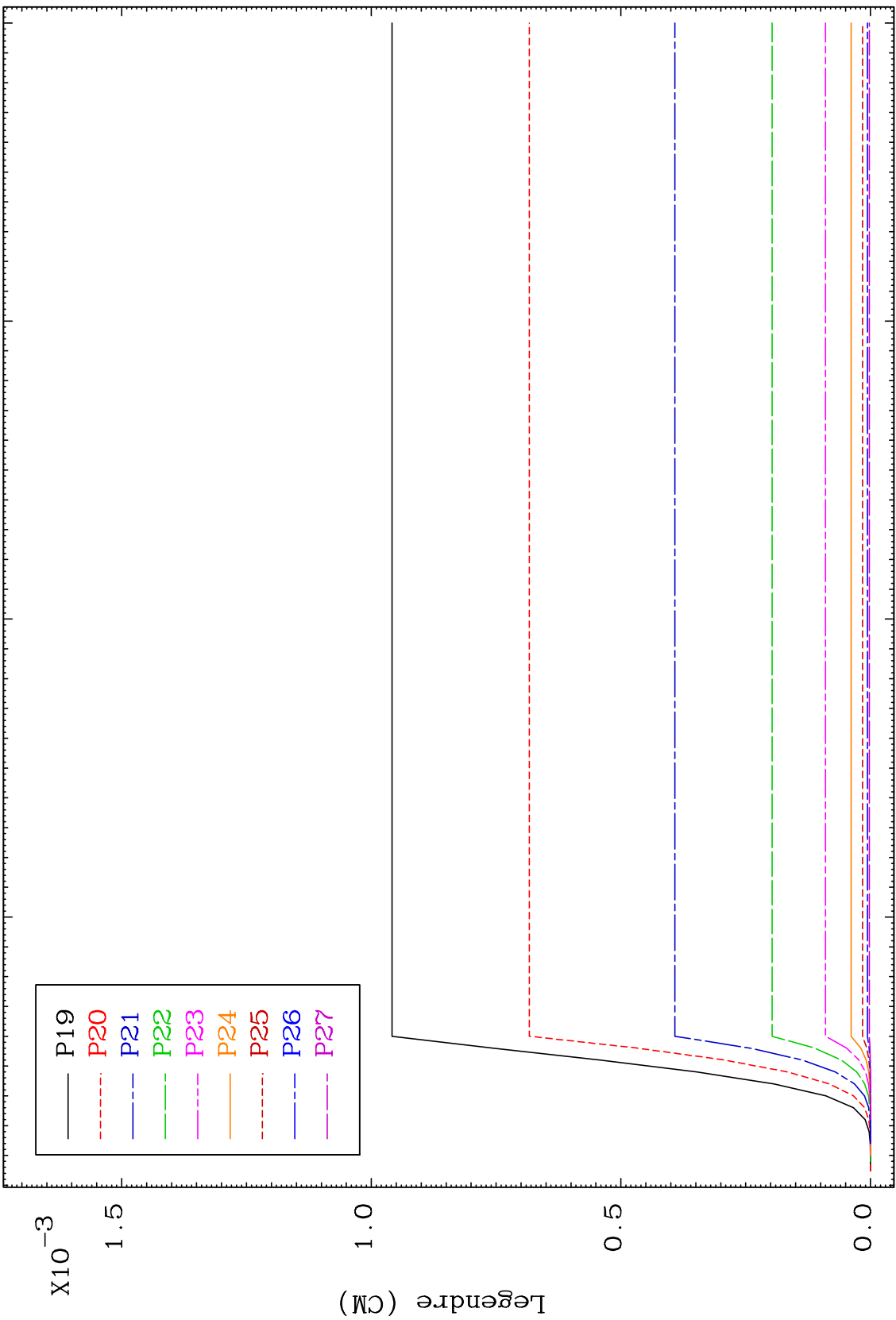
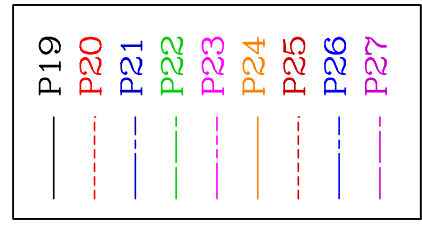
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

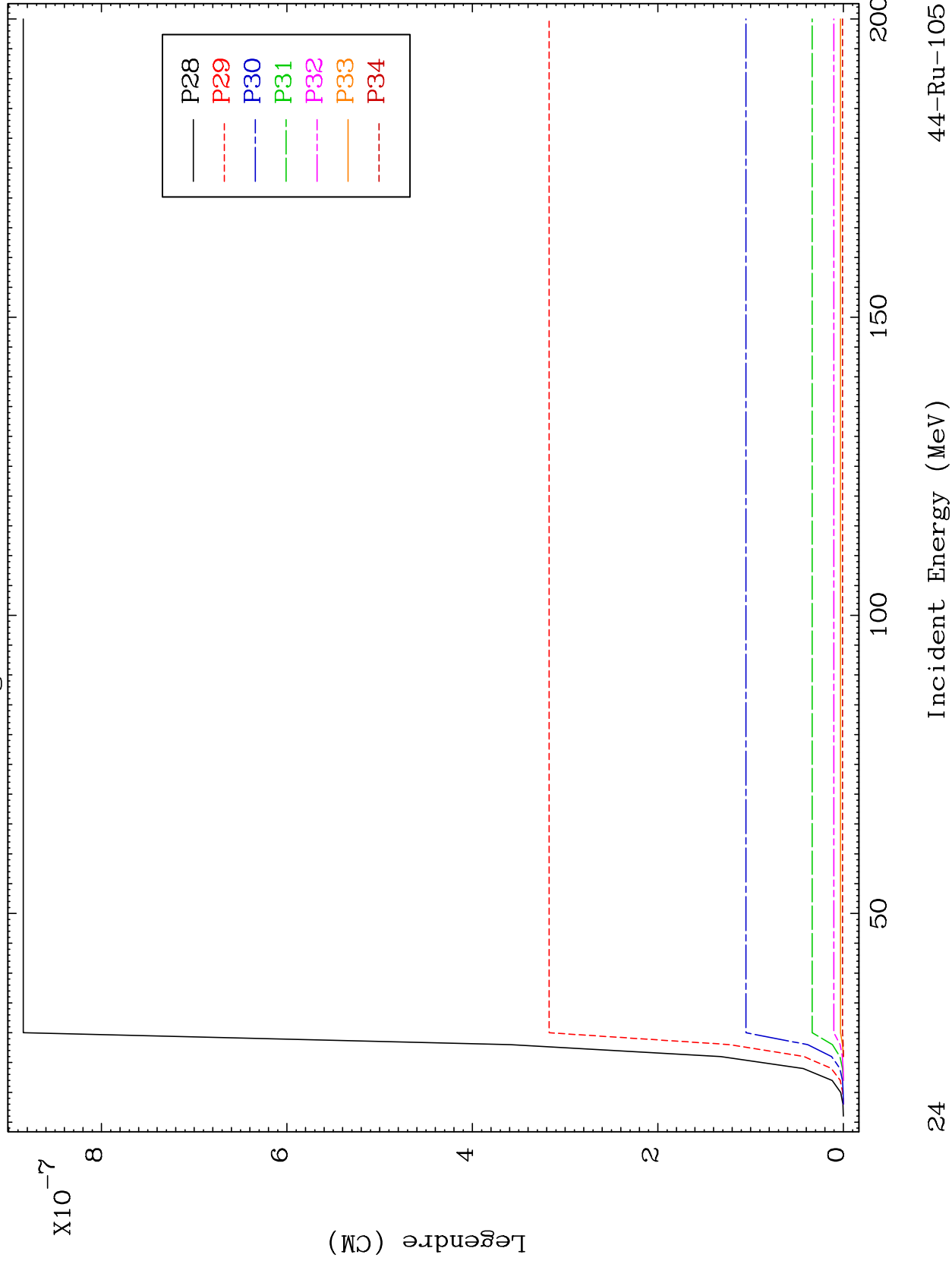
44-Ru-105



MAT 4452

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

44-Ru-105



24

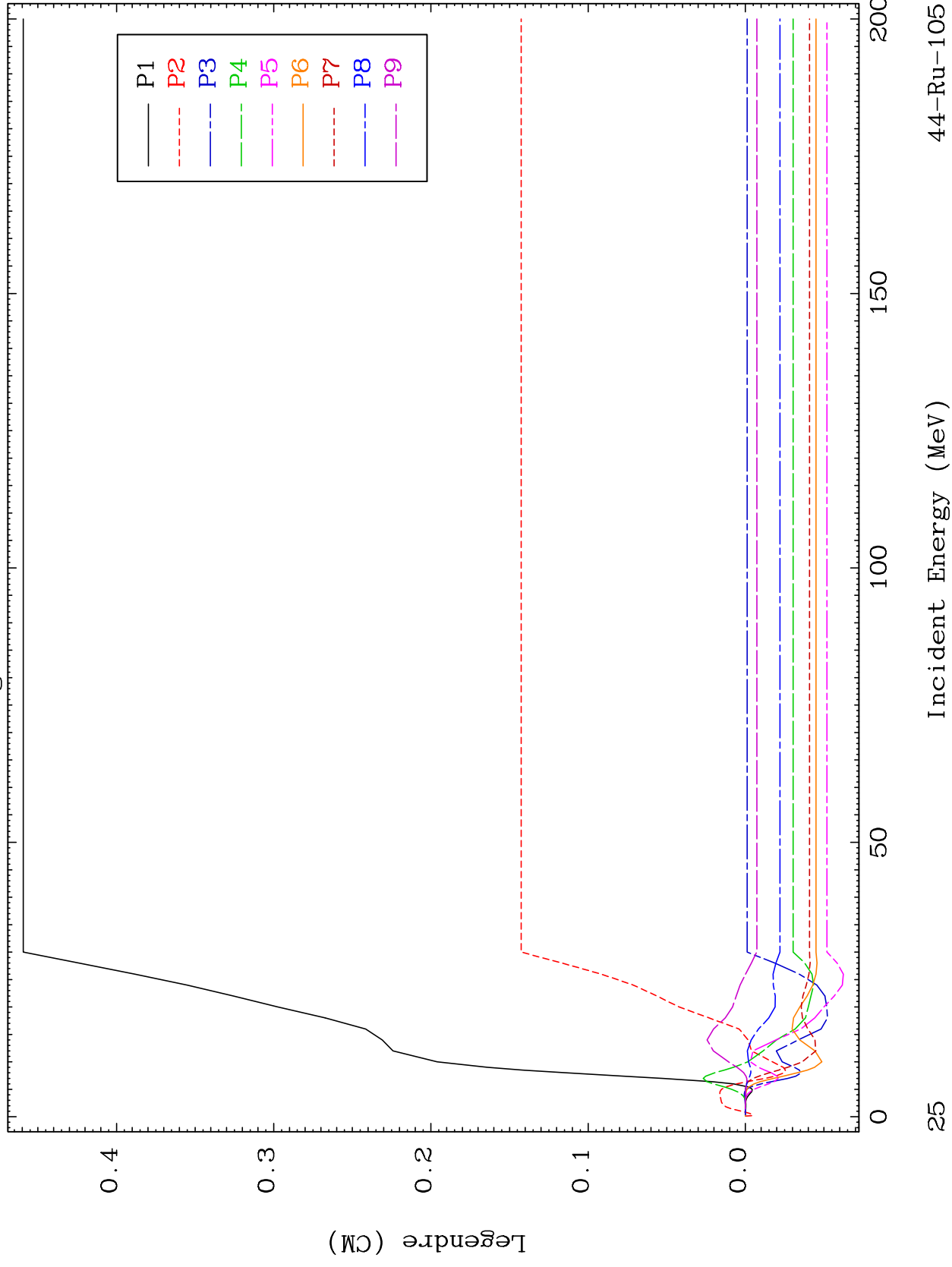
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

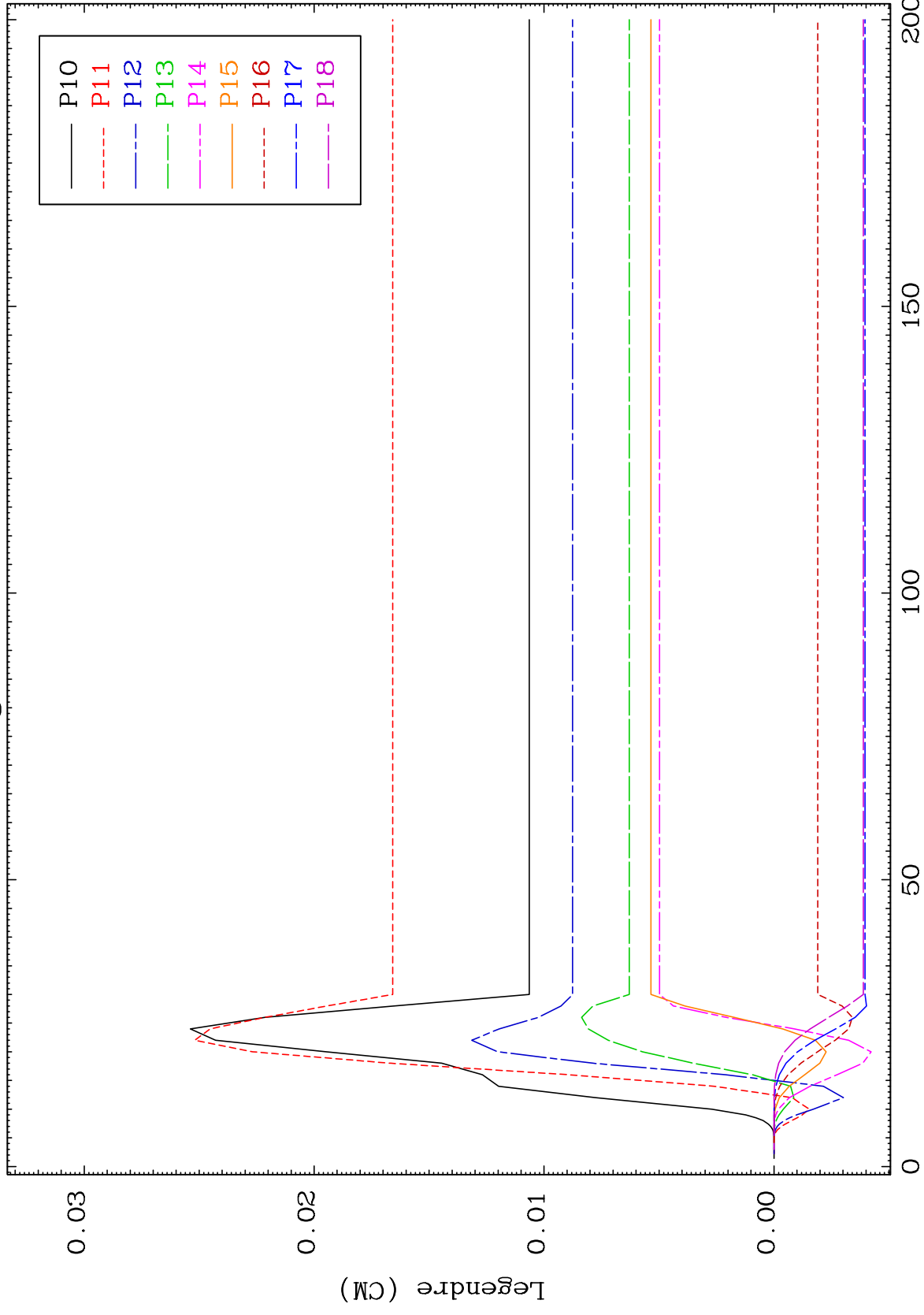
Incident Energy (MeV)

25

MAT 4452

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

44-Ru-105



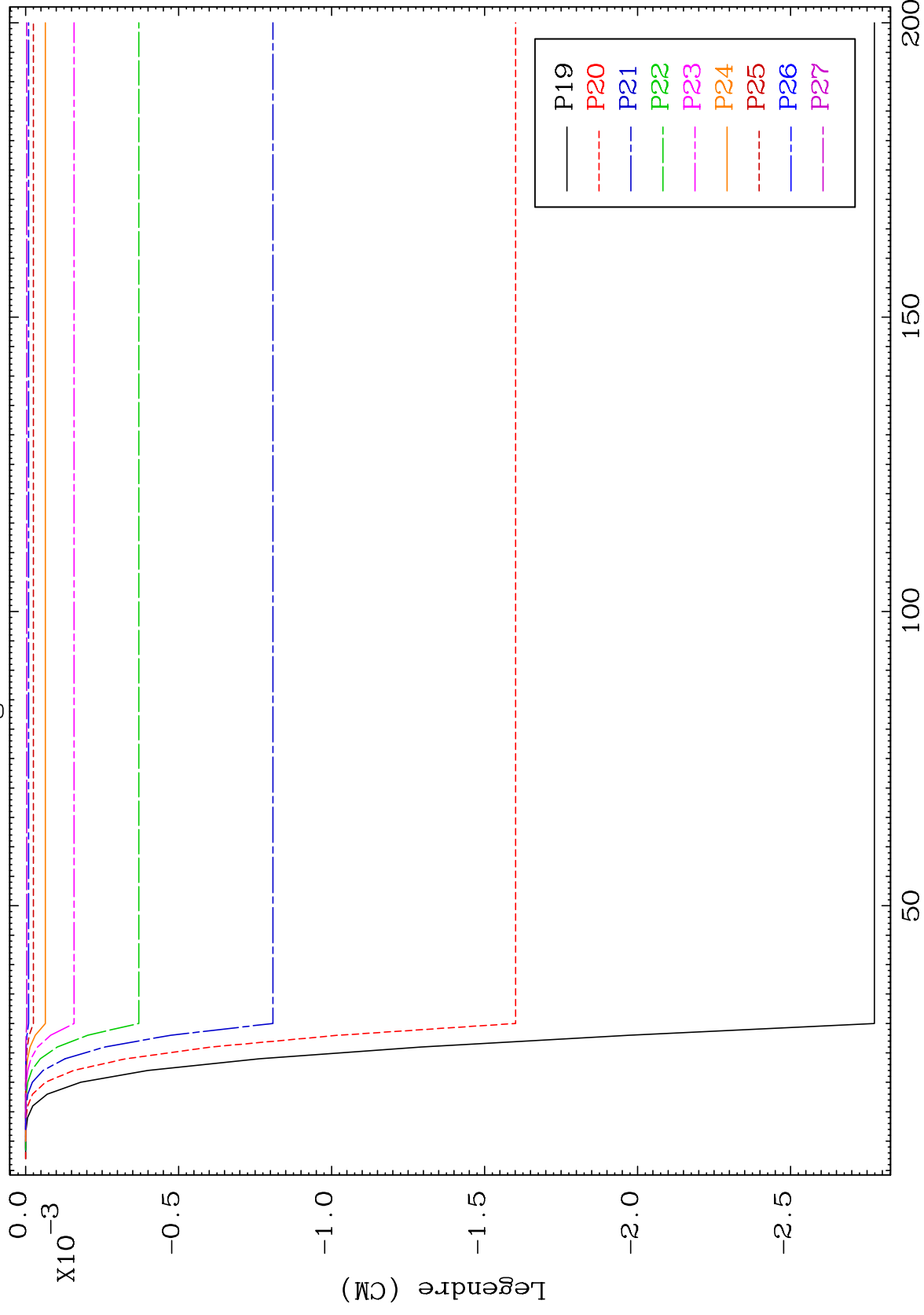
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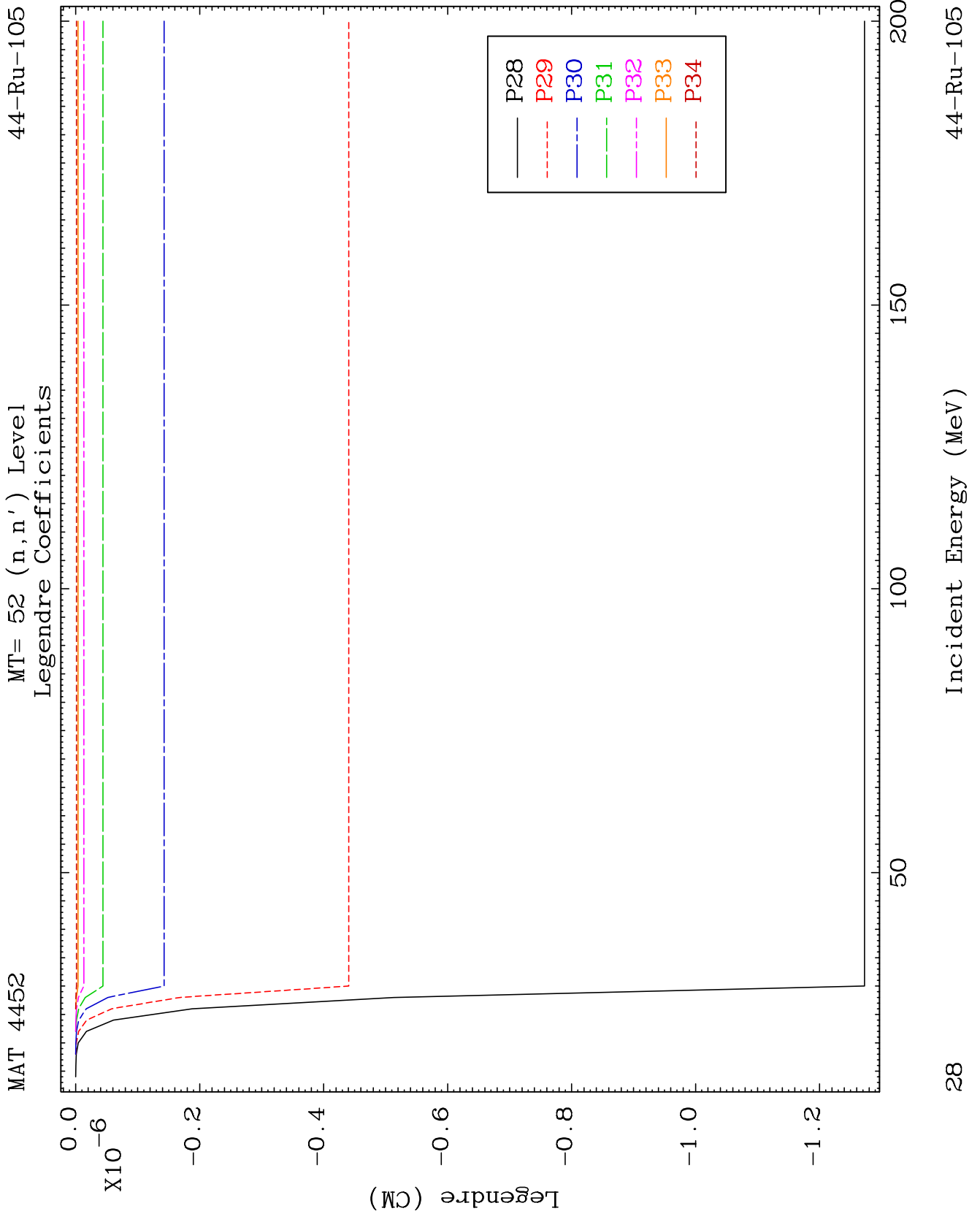
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MAT 4452

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

44-Ru-105

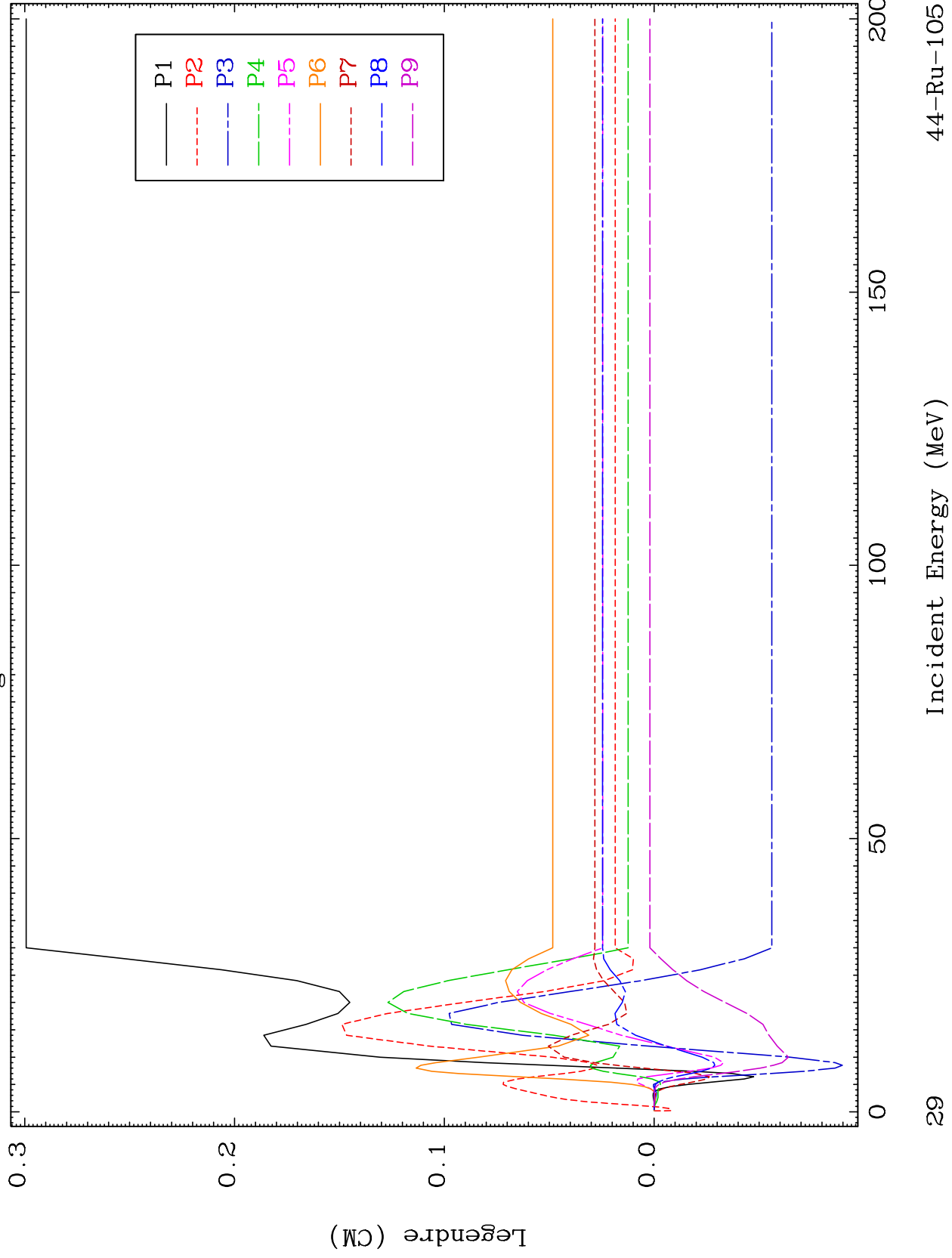




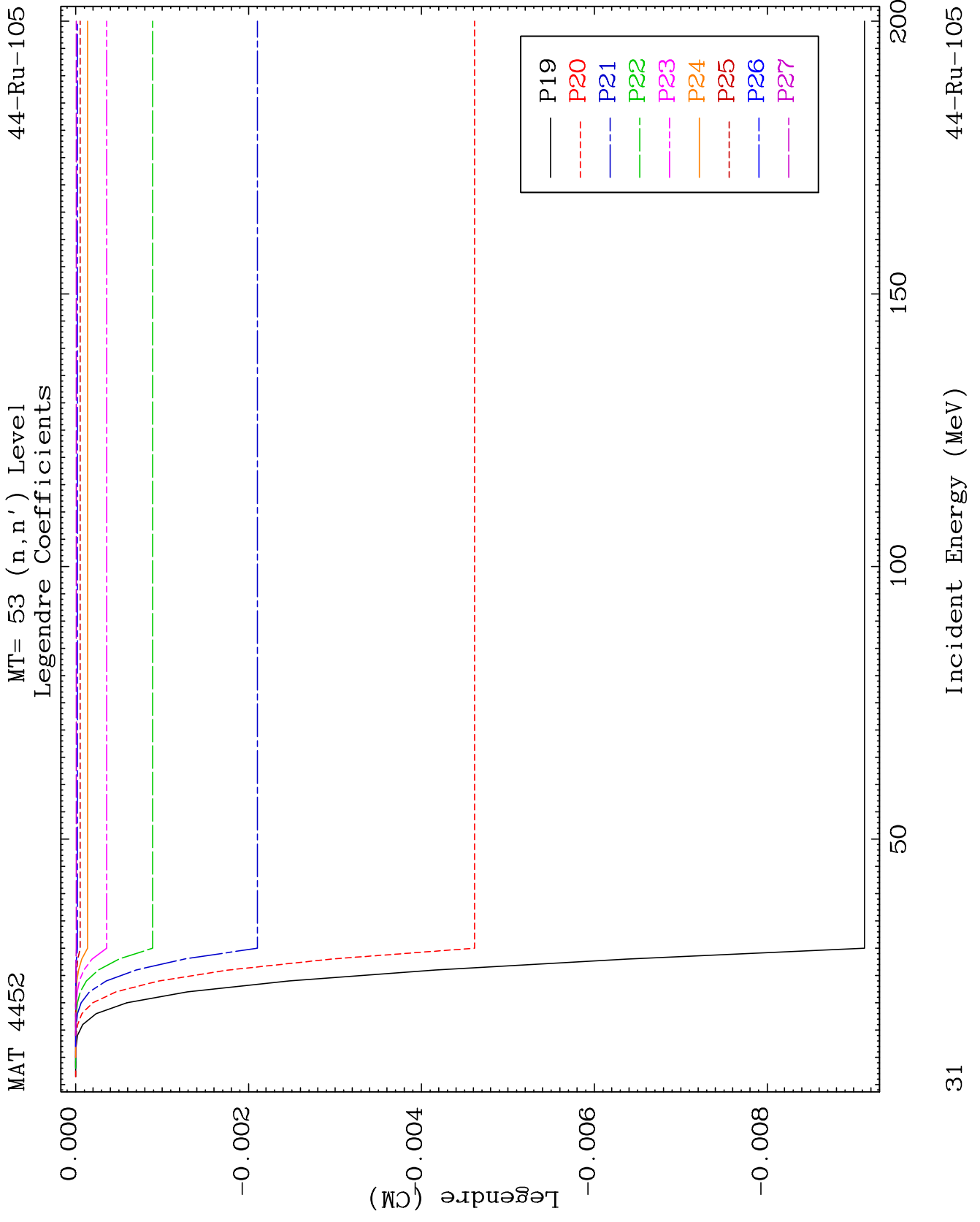
MAT 4452

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

44-Ru-105



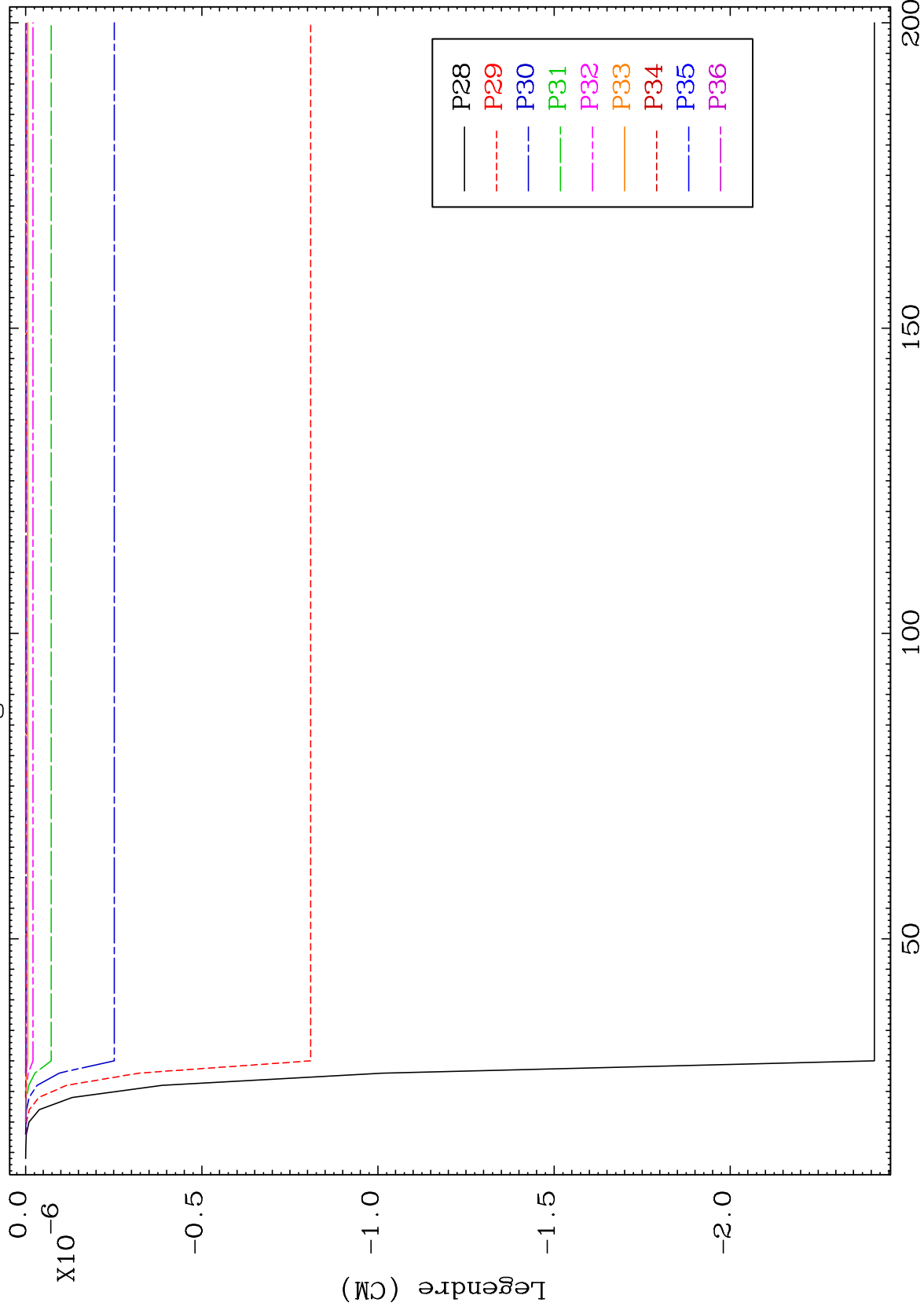
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MAT 4452

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

44-Ru-105



32

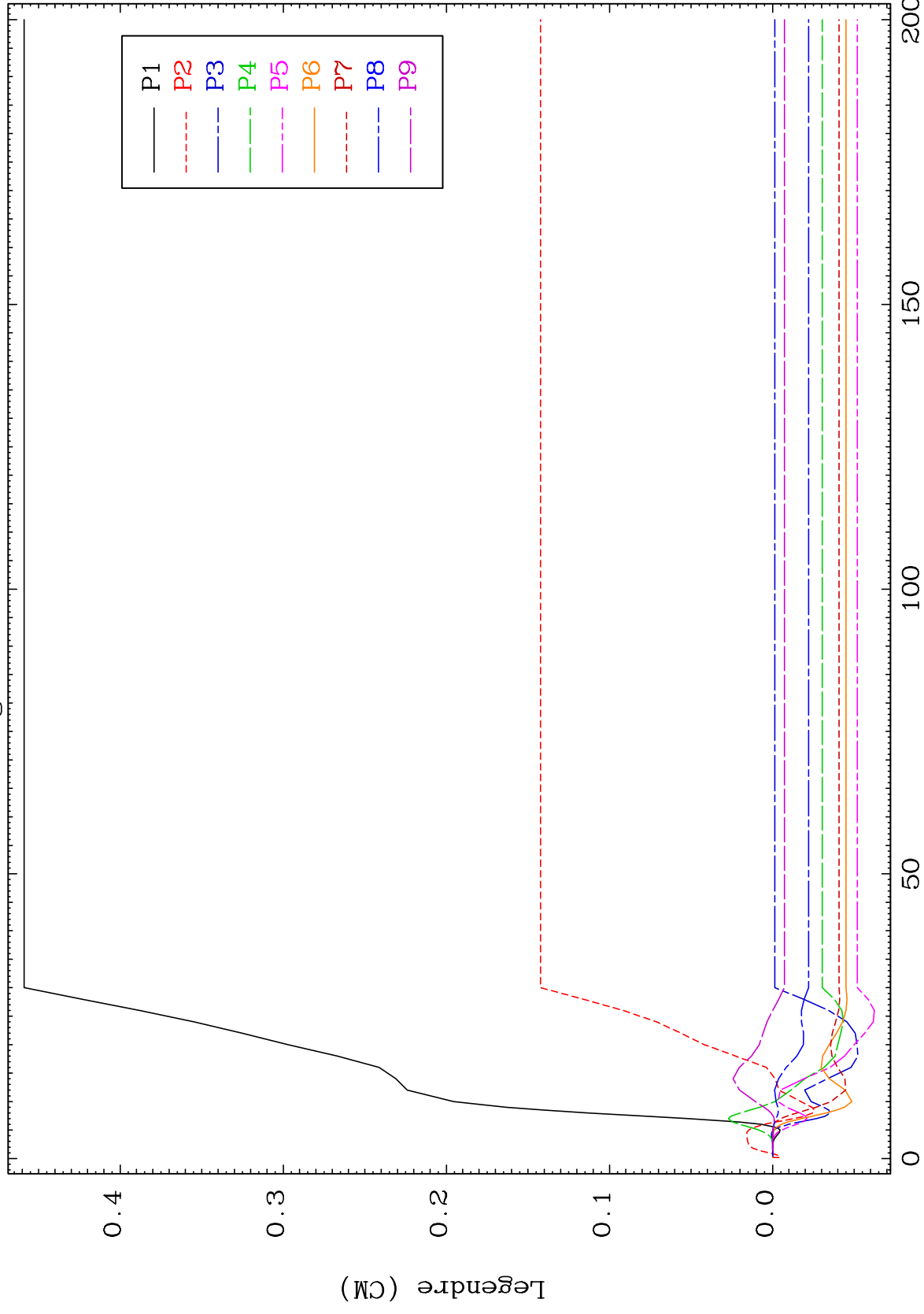
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



33

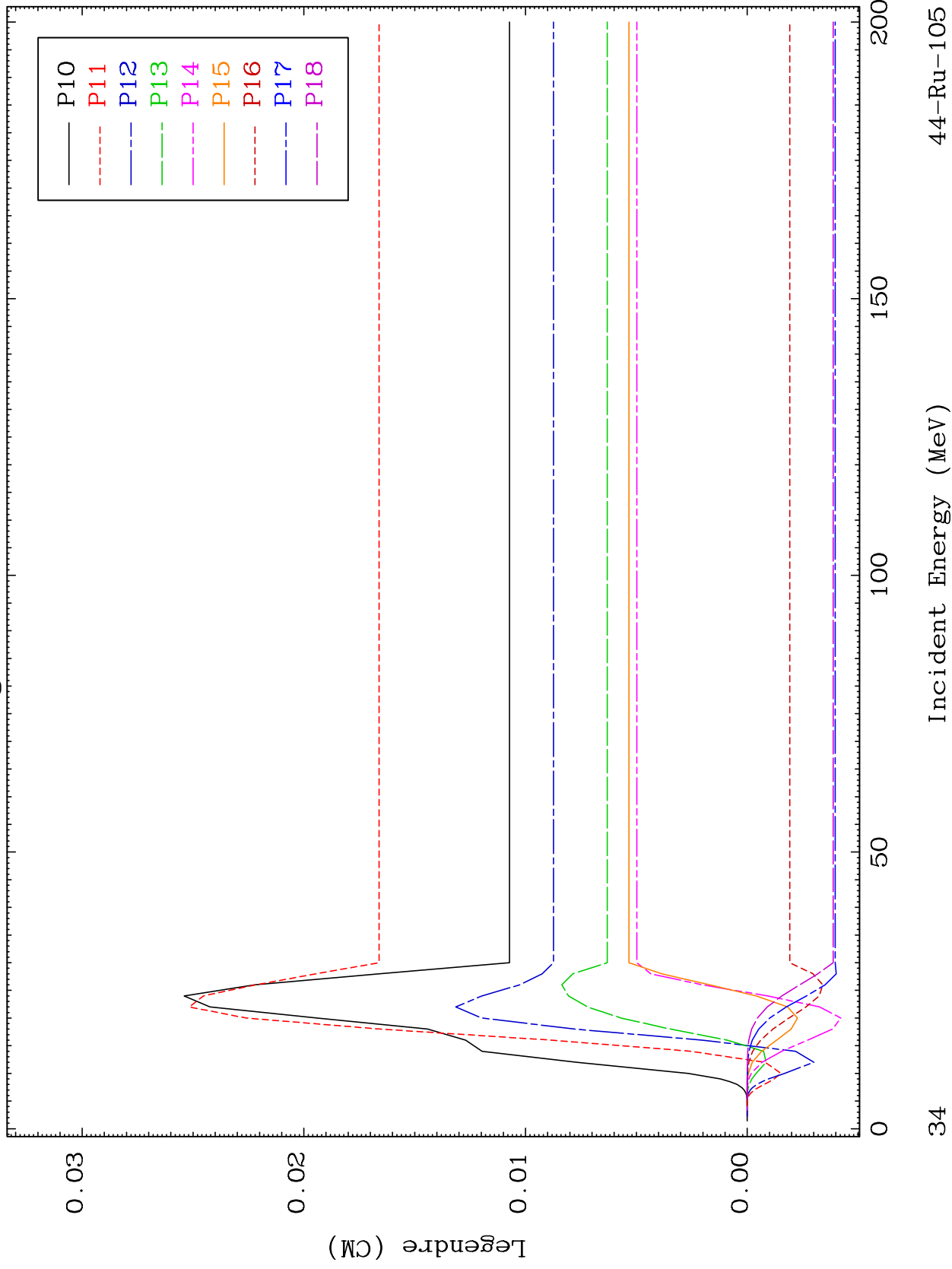
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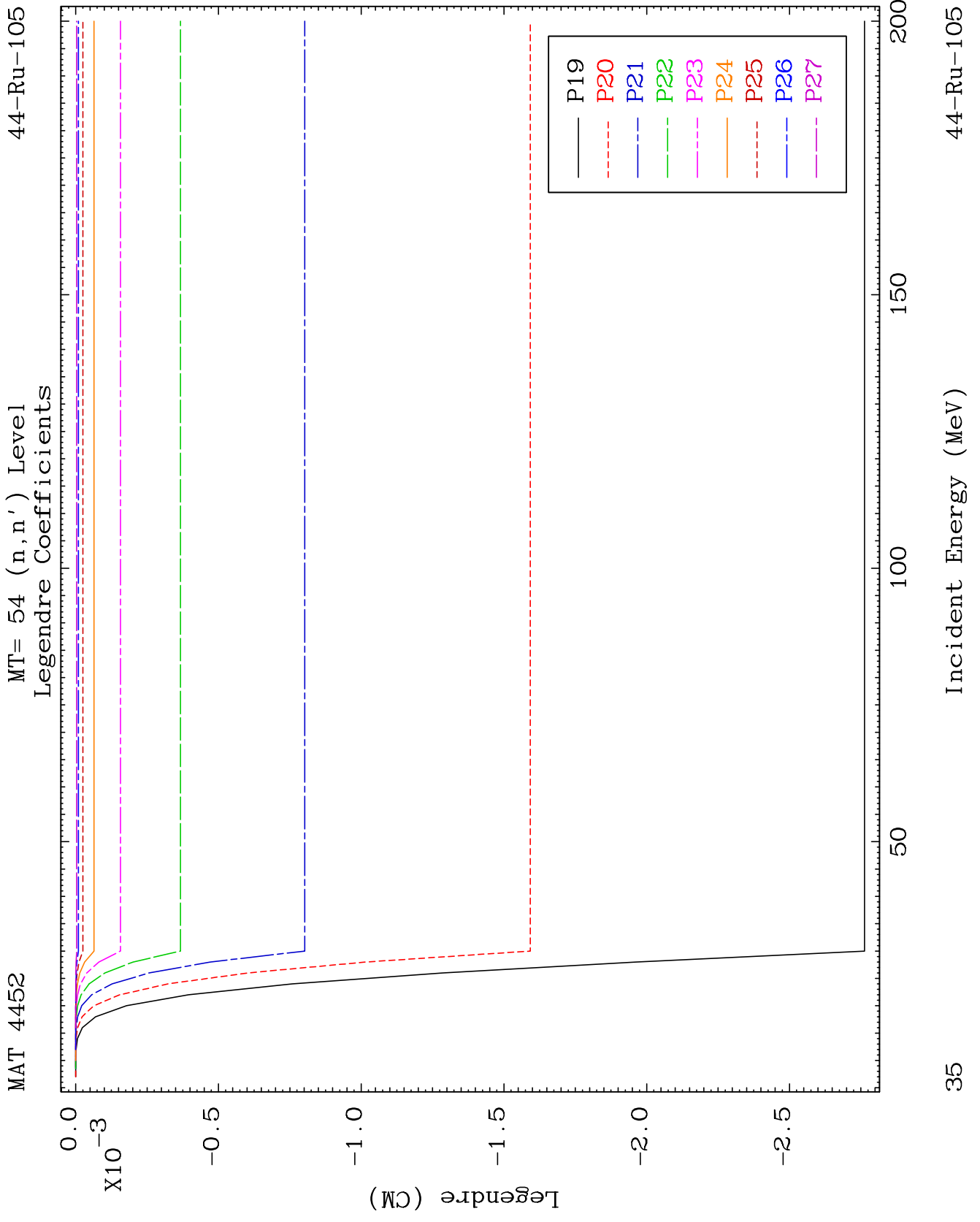
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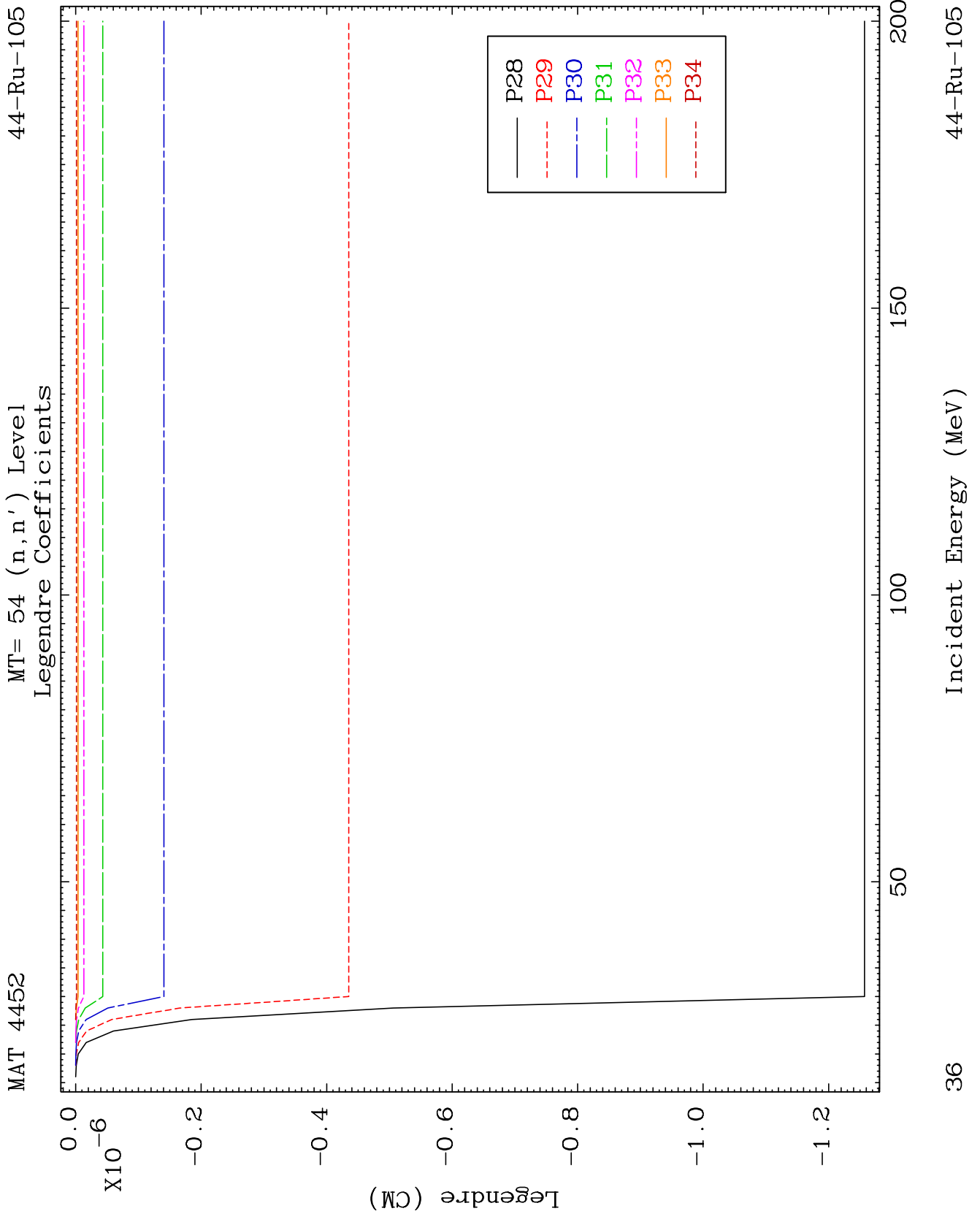
MAT 4452

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

44-Ru-105



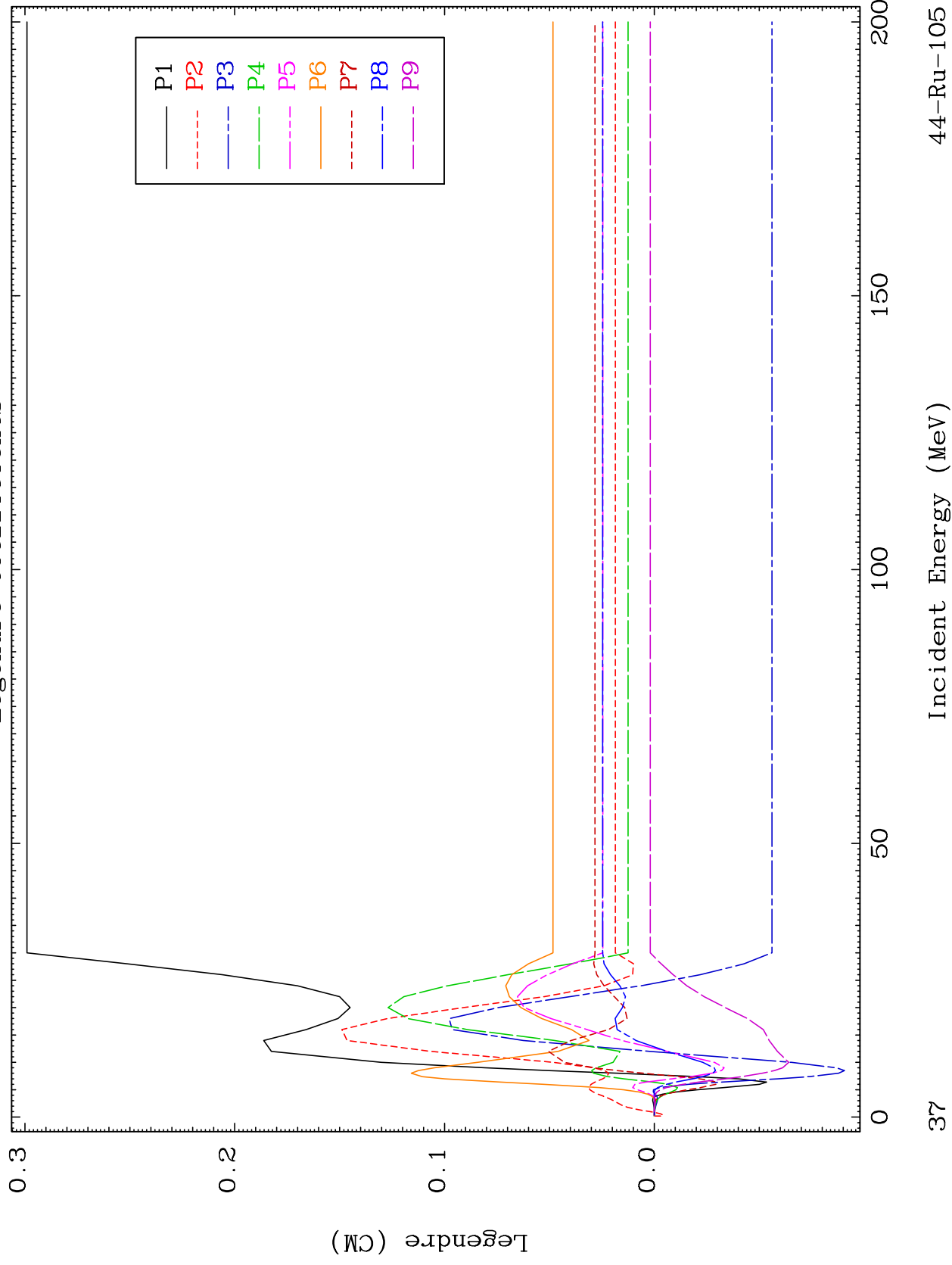




MAT 4452

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

44-Ru-105



44-Ru-105

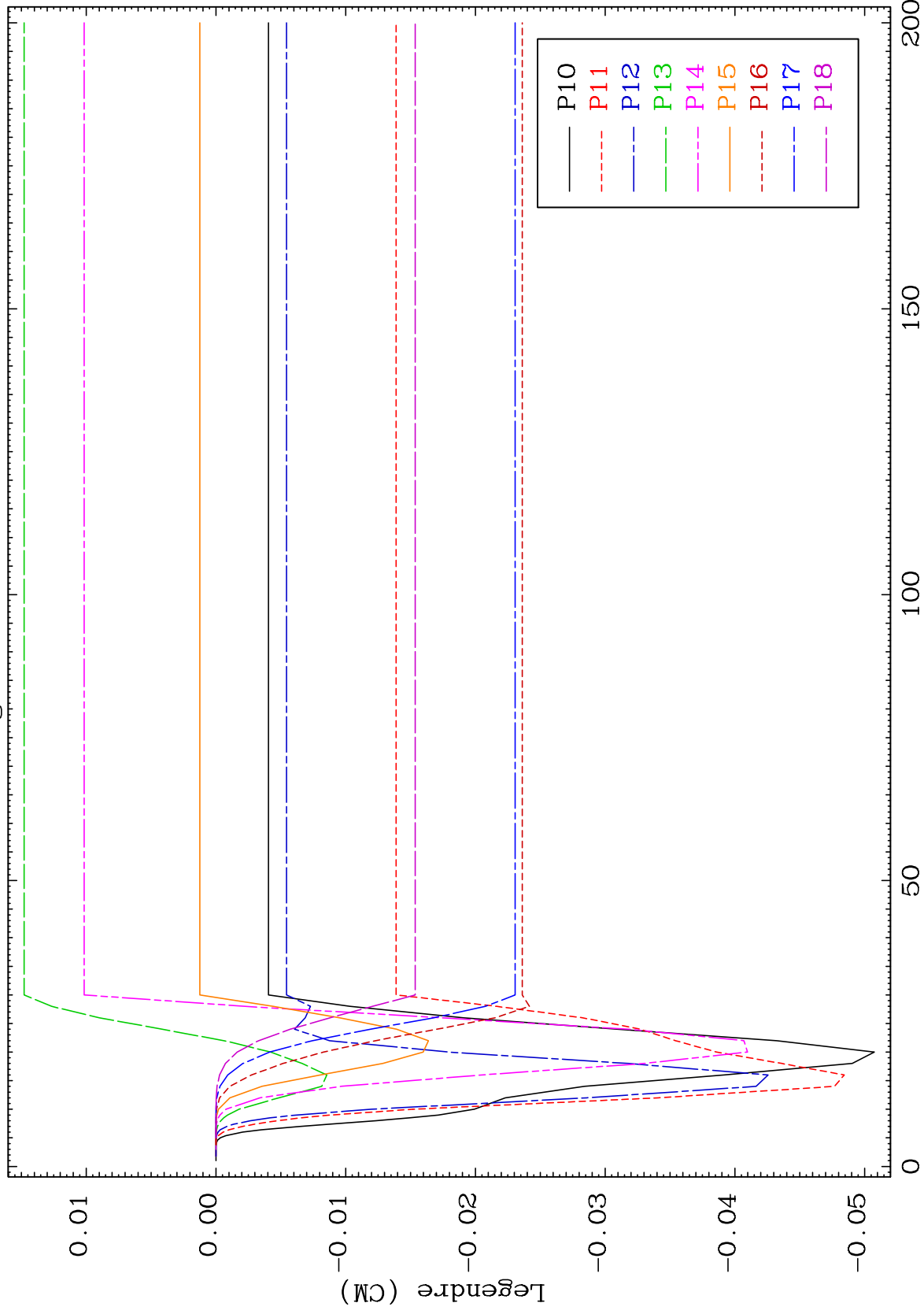
Incident Energy (MeV)

37

MAT 4452

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

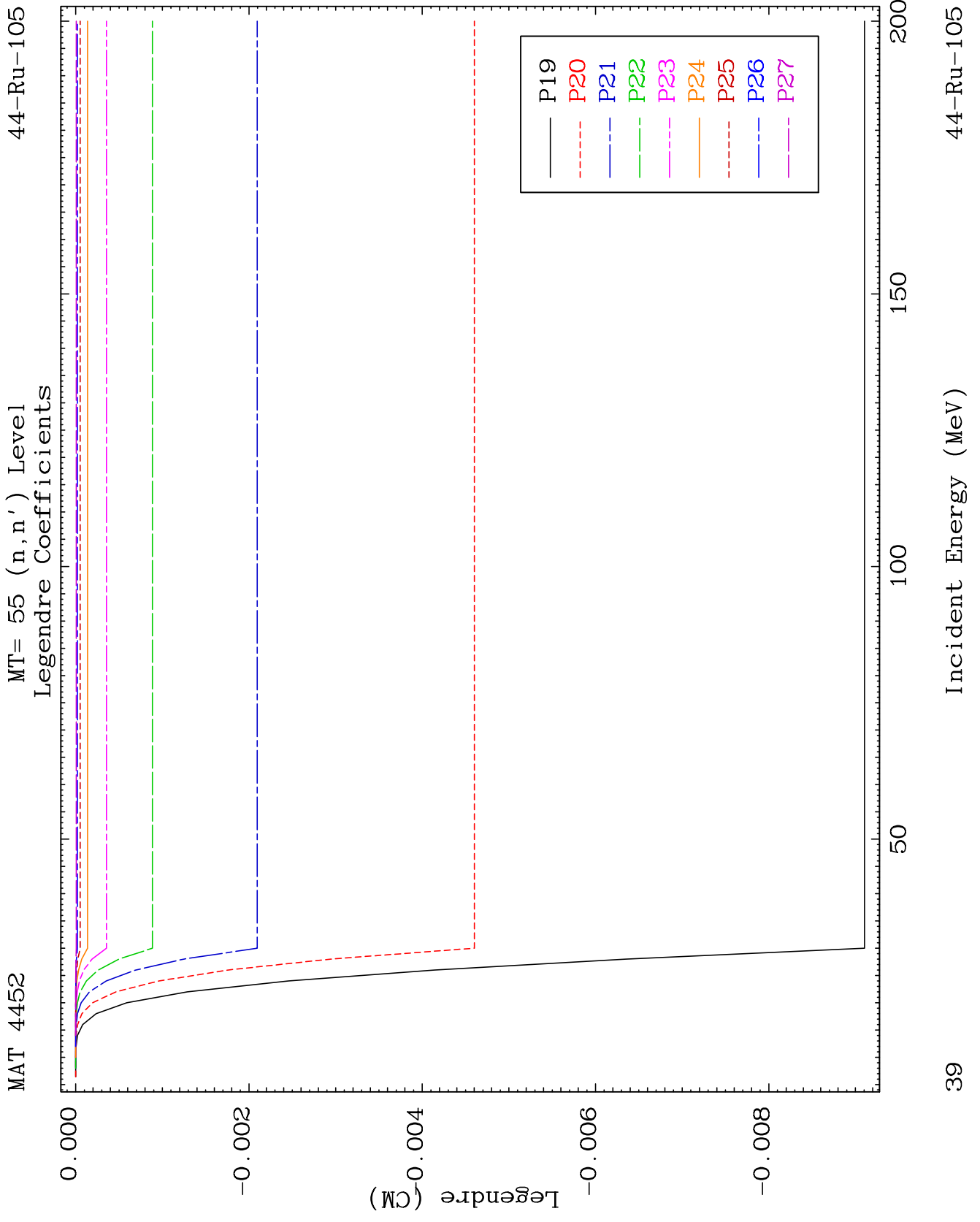
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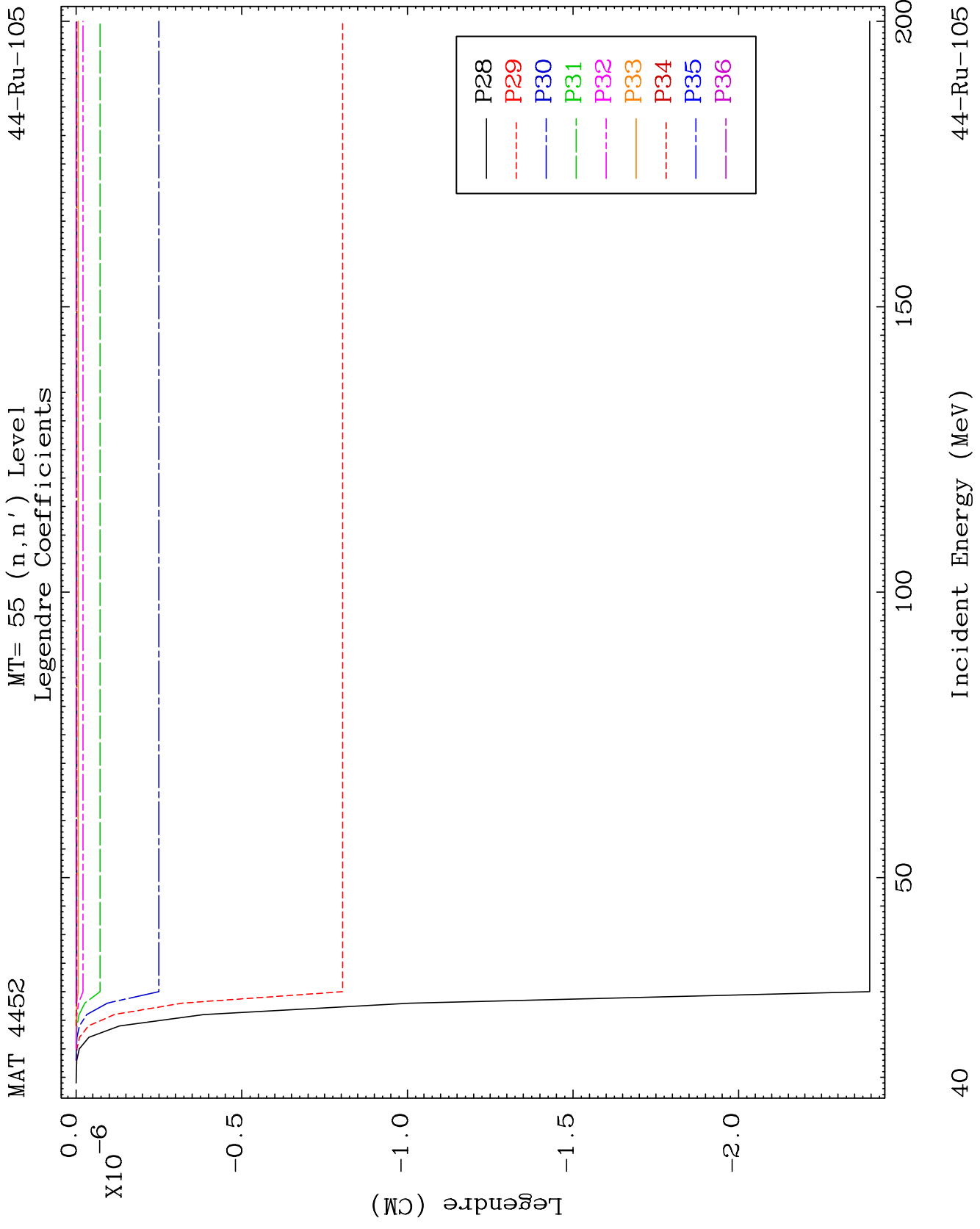


38

Incident Energy (MeV)

44-Ru-105

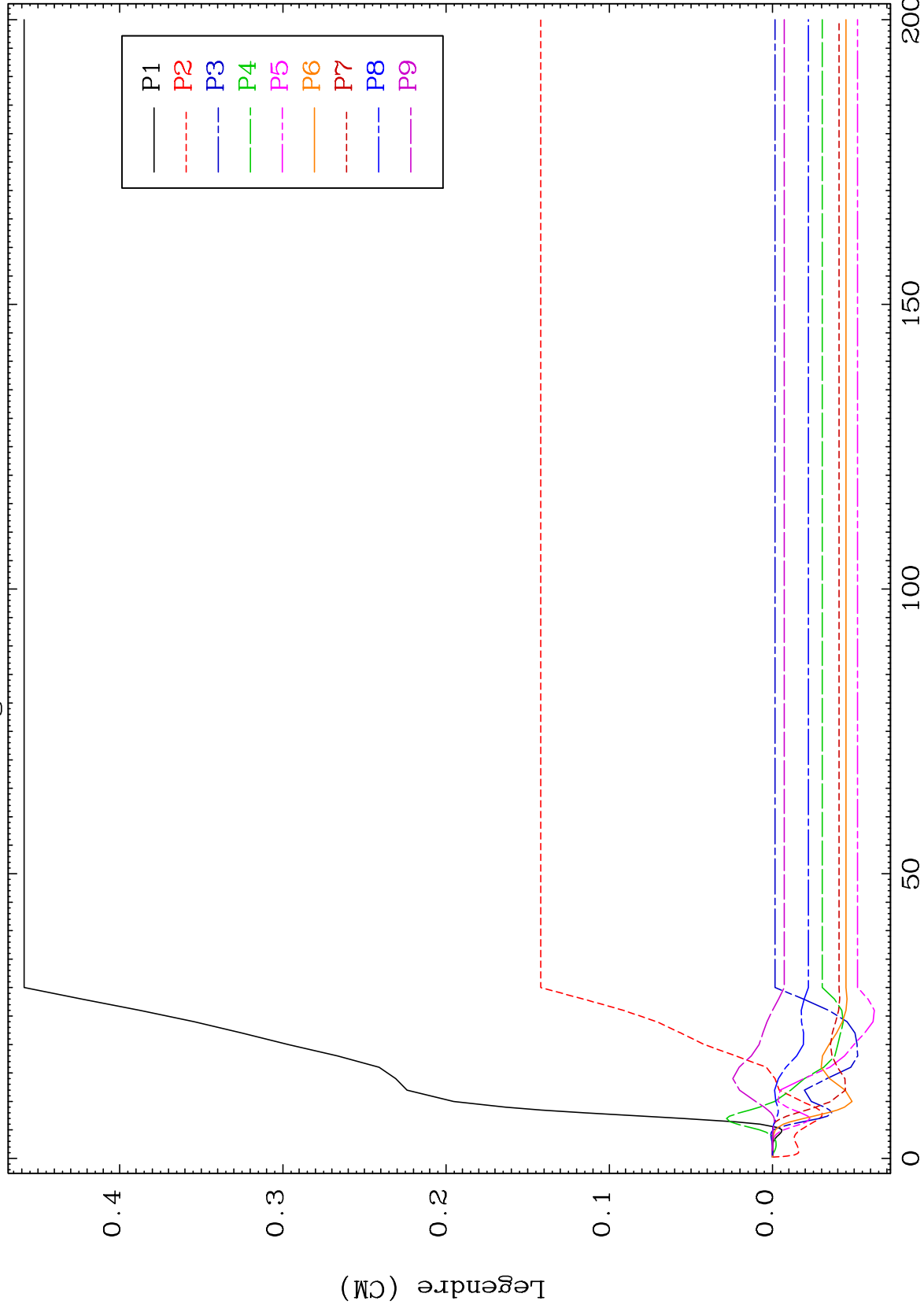




MAT 4452

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

44-Ru-105



41

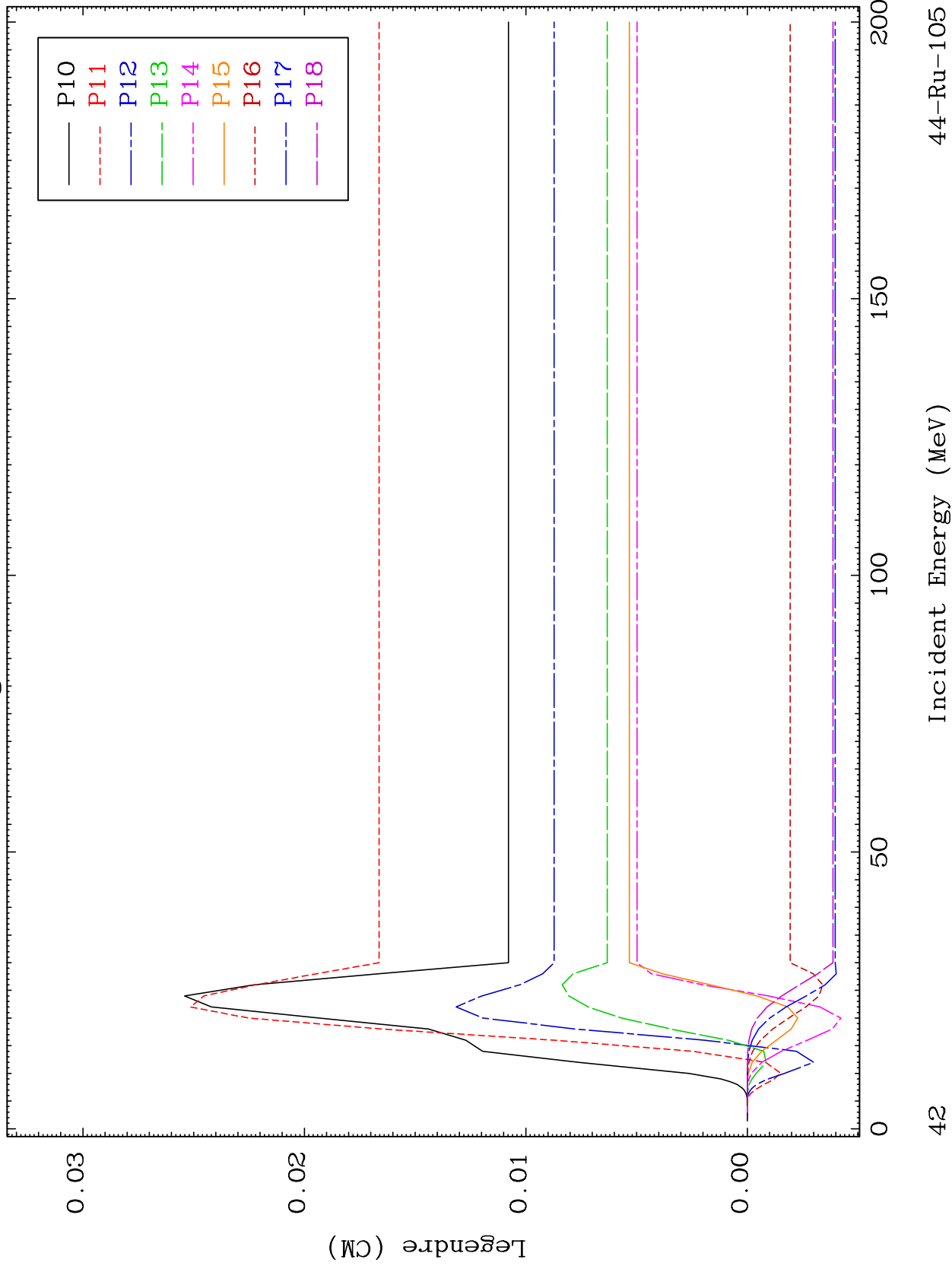
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

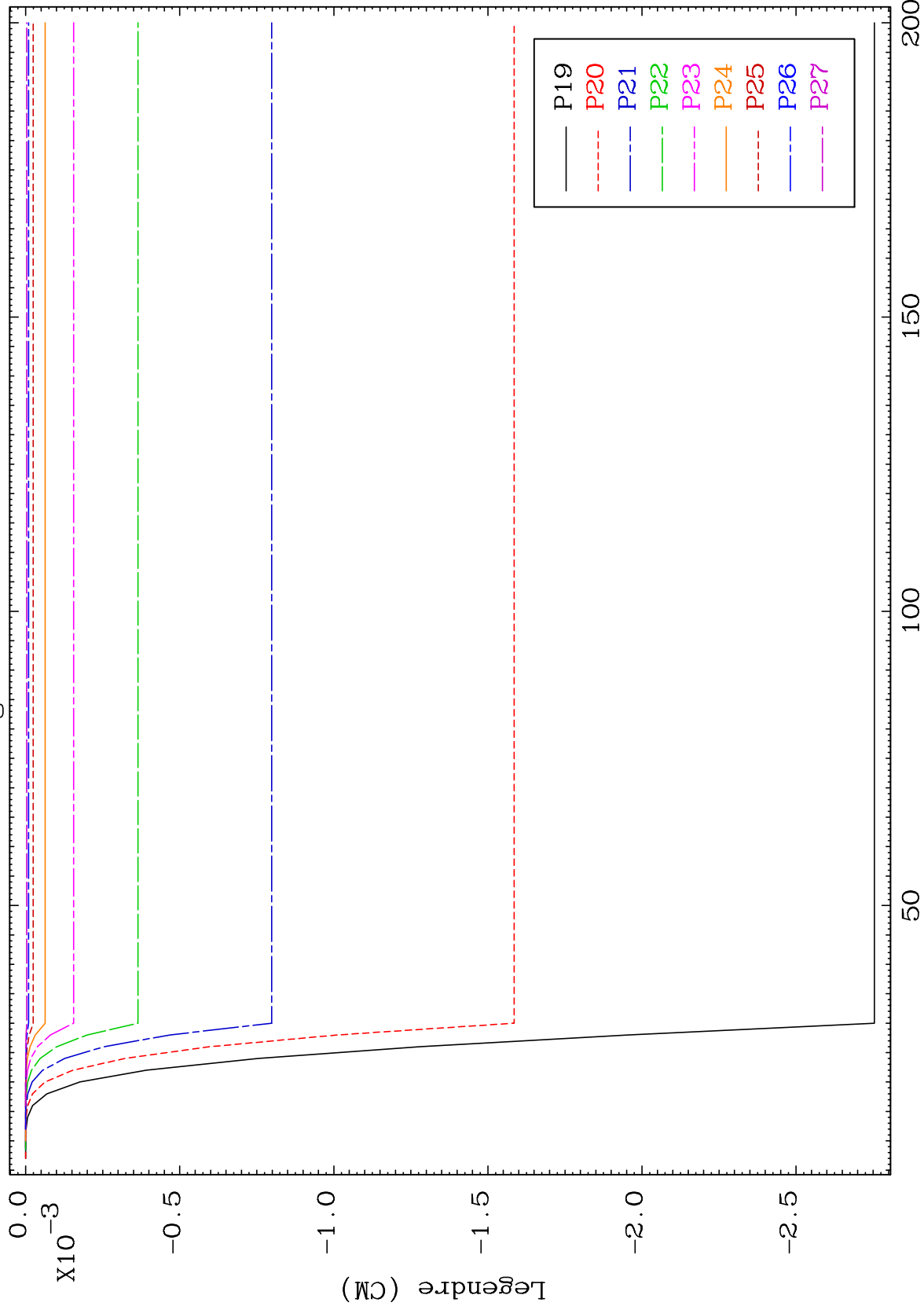
Incident Energy (MeV)

42

MAT 4452

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

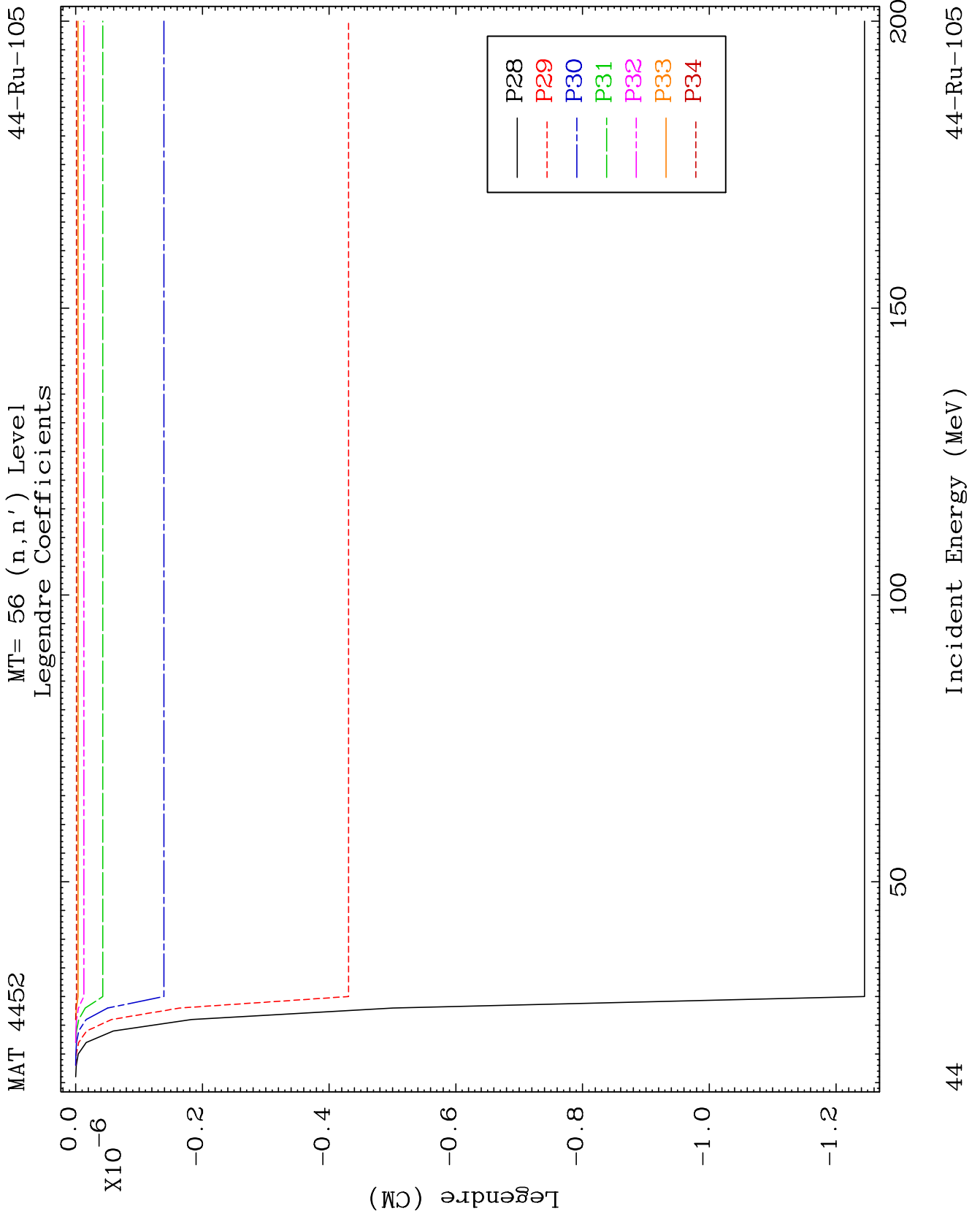
44-Ru-105



43

Incident Energy (MeV)

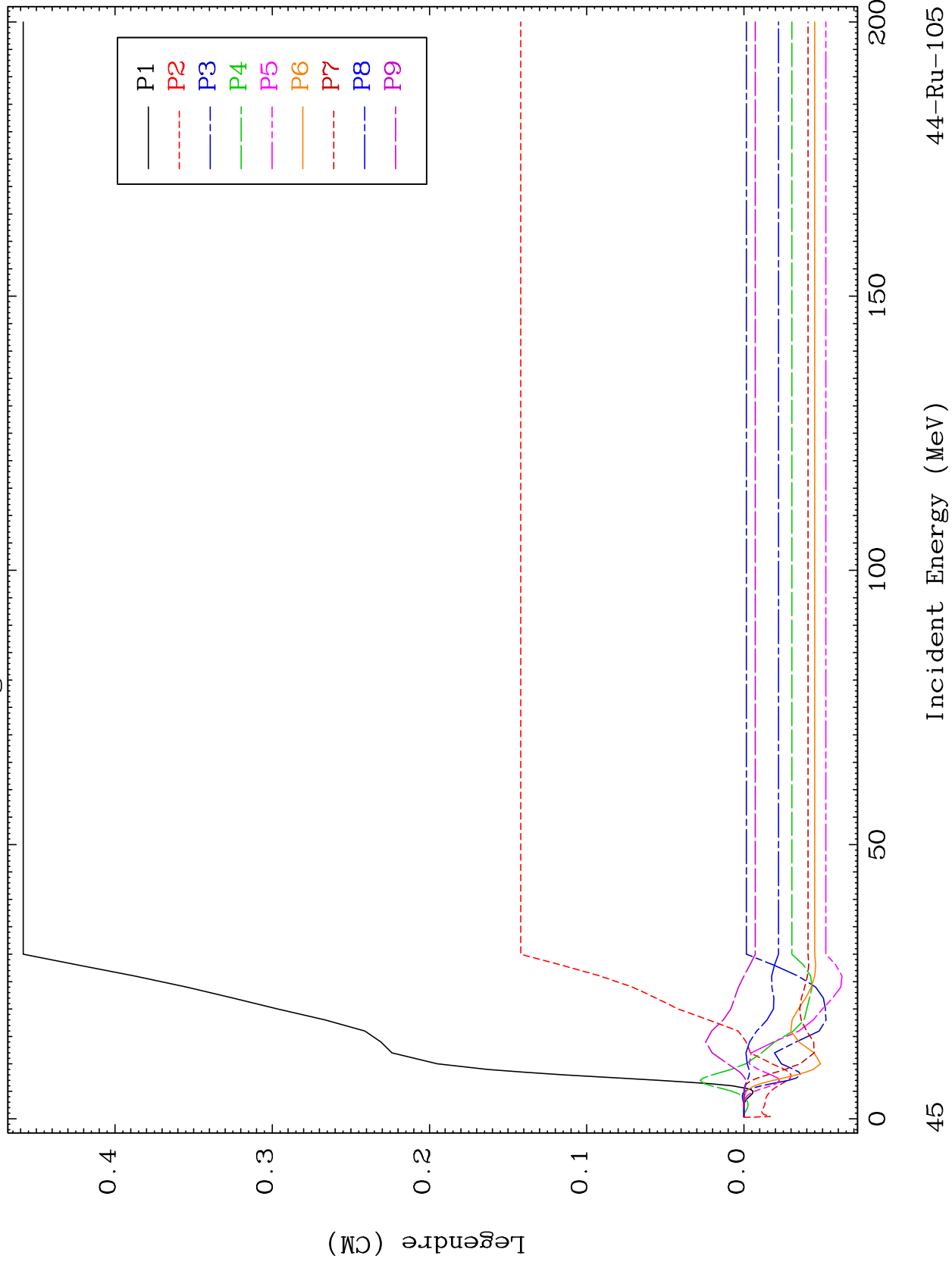
44-Ru-105



MAT 4452

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

44-Ru-105



44-Ru-105

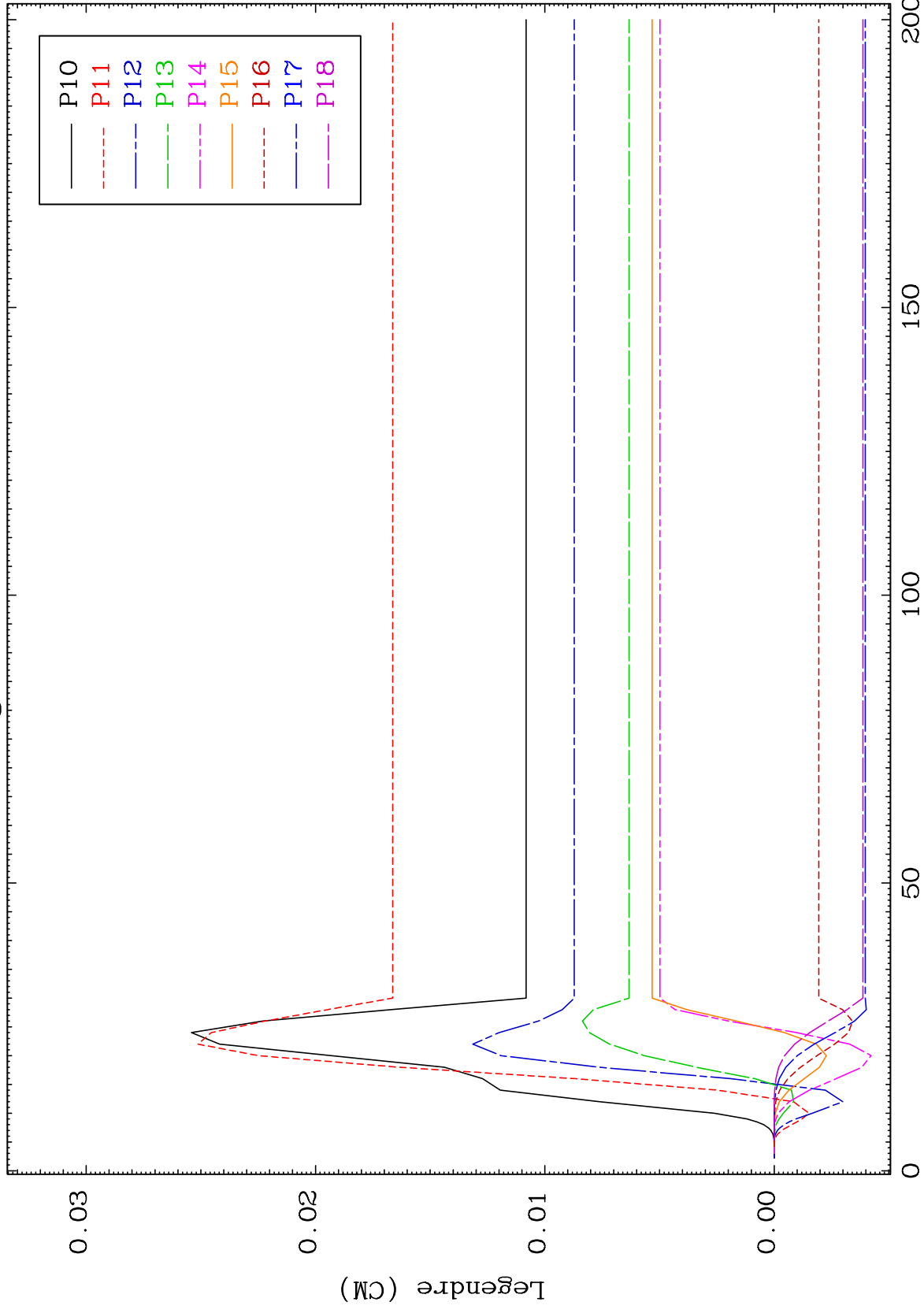
Incident Energy (MeV)

45

MAT 4452

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

44-Ru-105



46

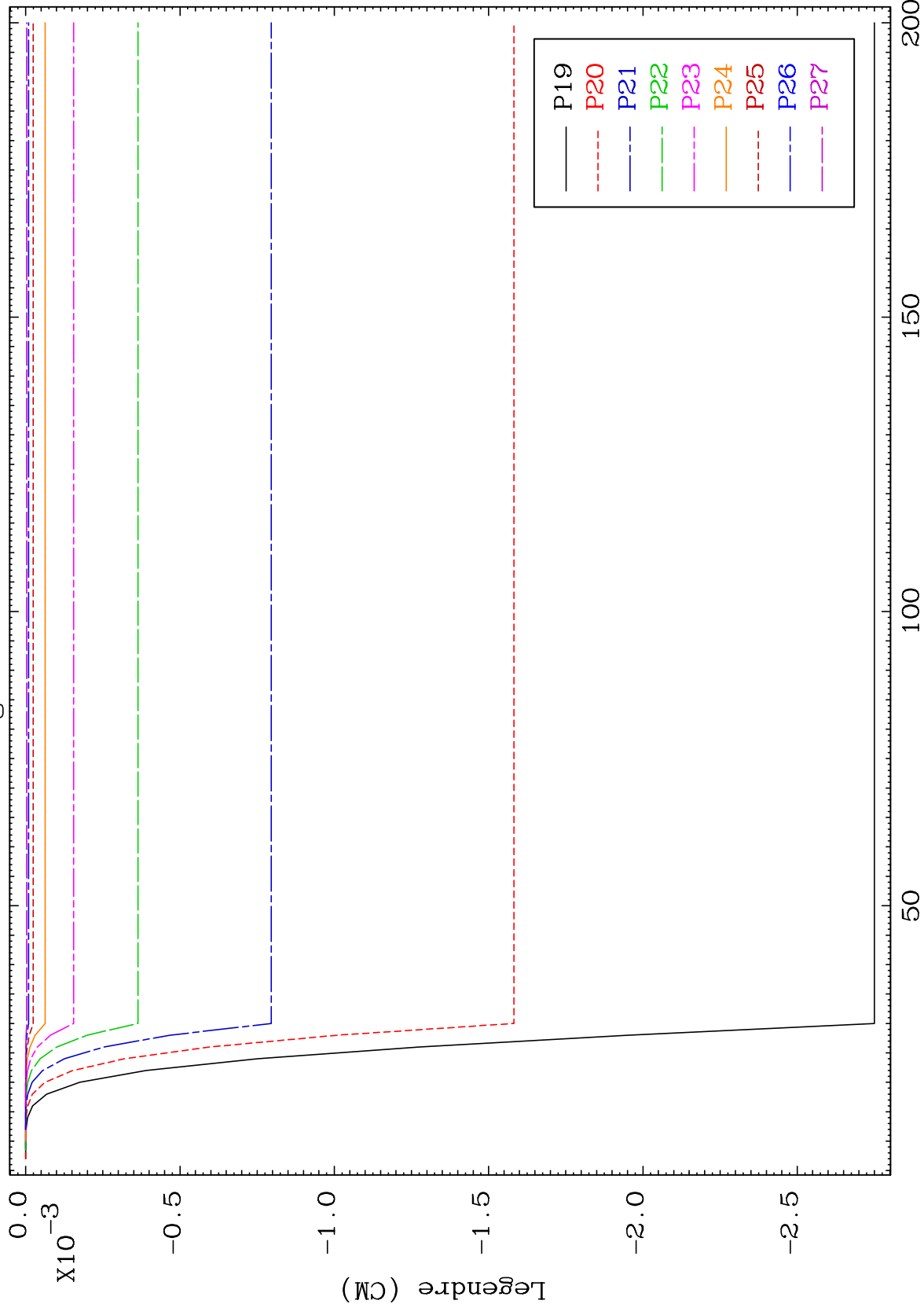
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

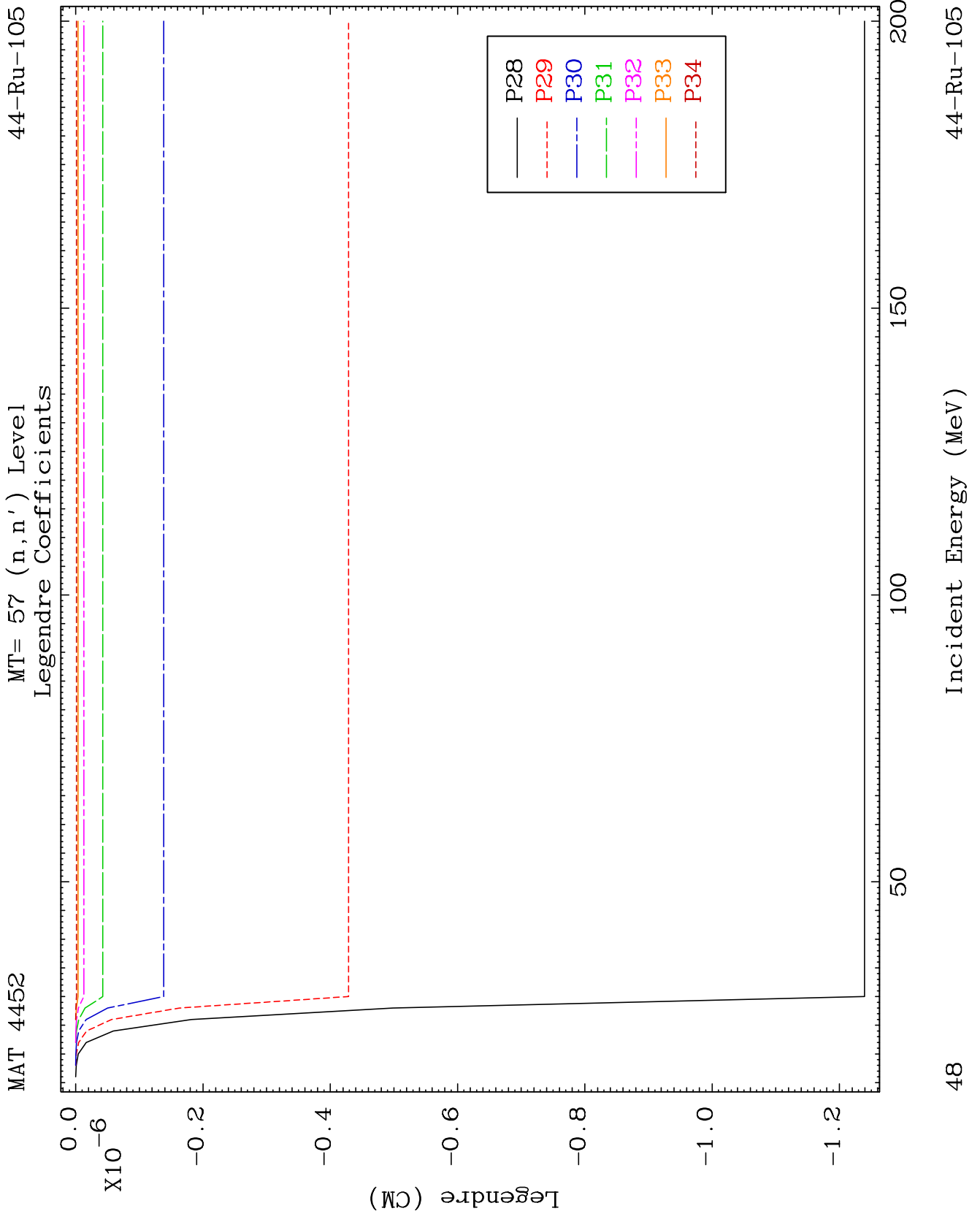
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47

Incident Energy (MeV)

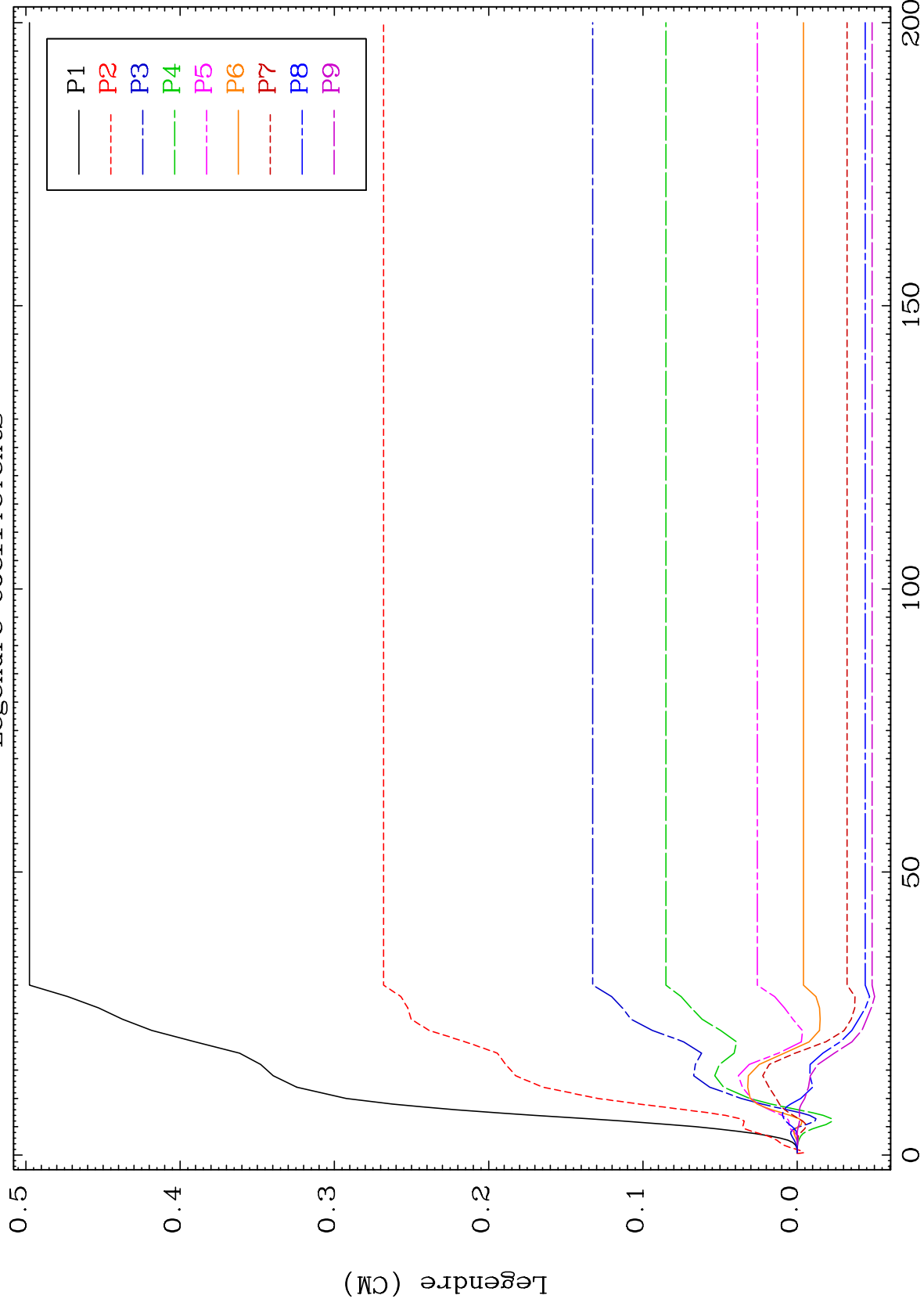
44-Ru-105



MAT 4452

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

44-Ru-105



49

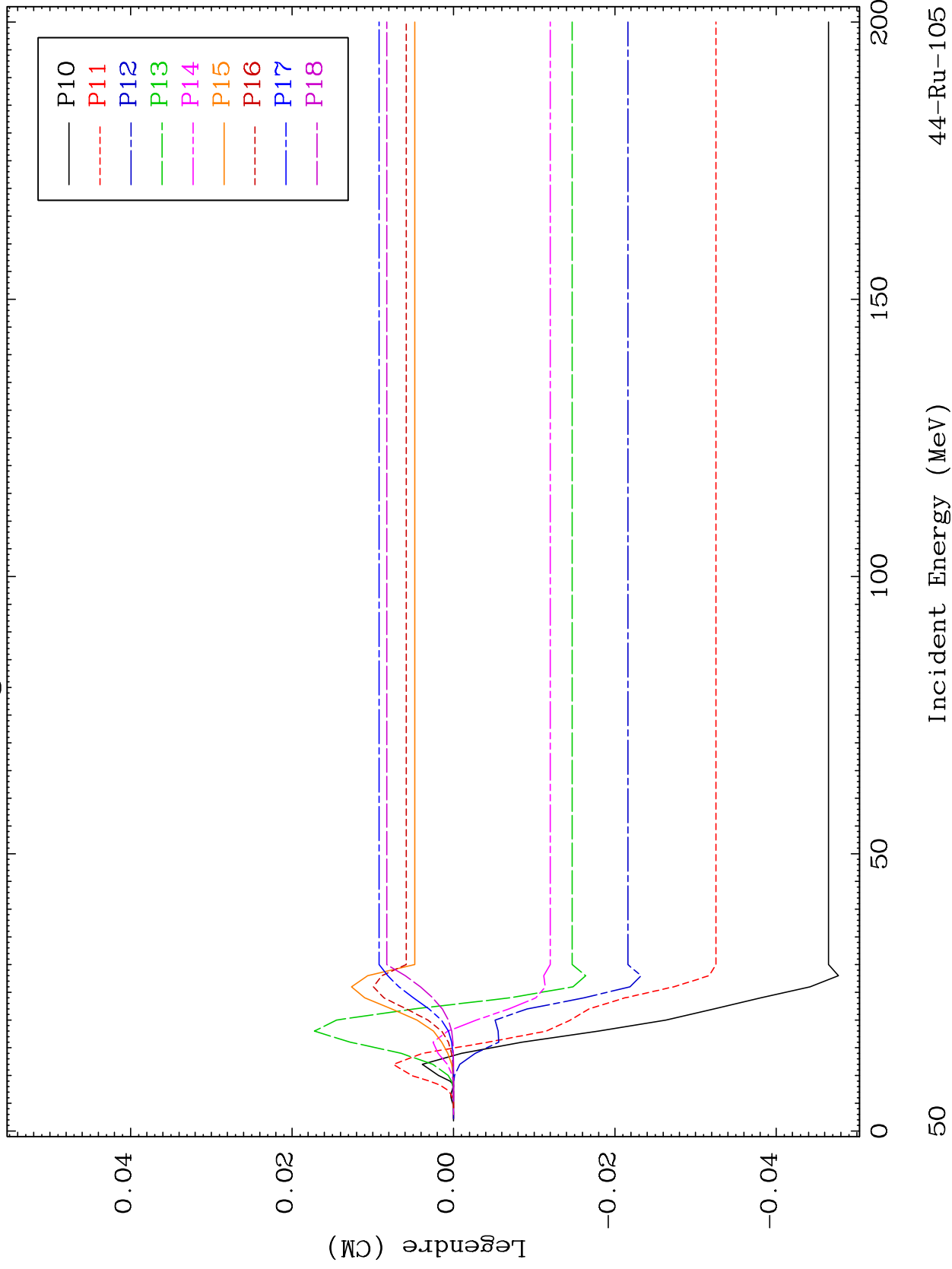
Incident Energy (MeV)

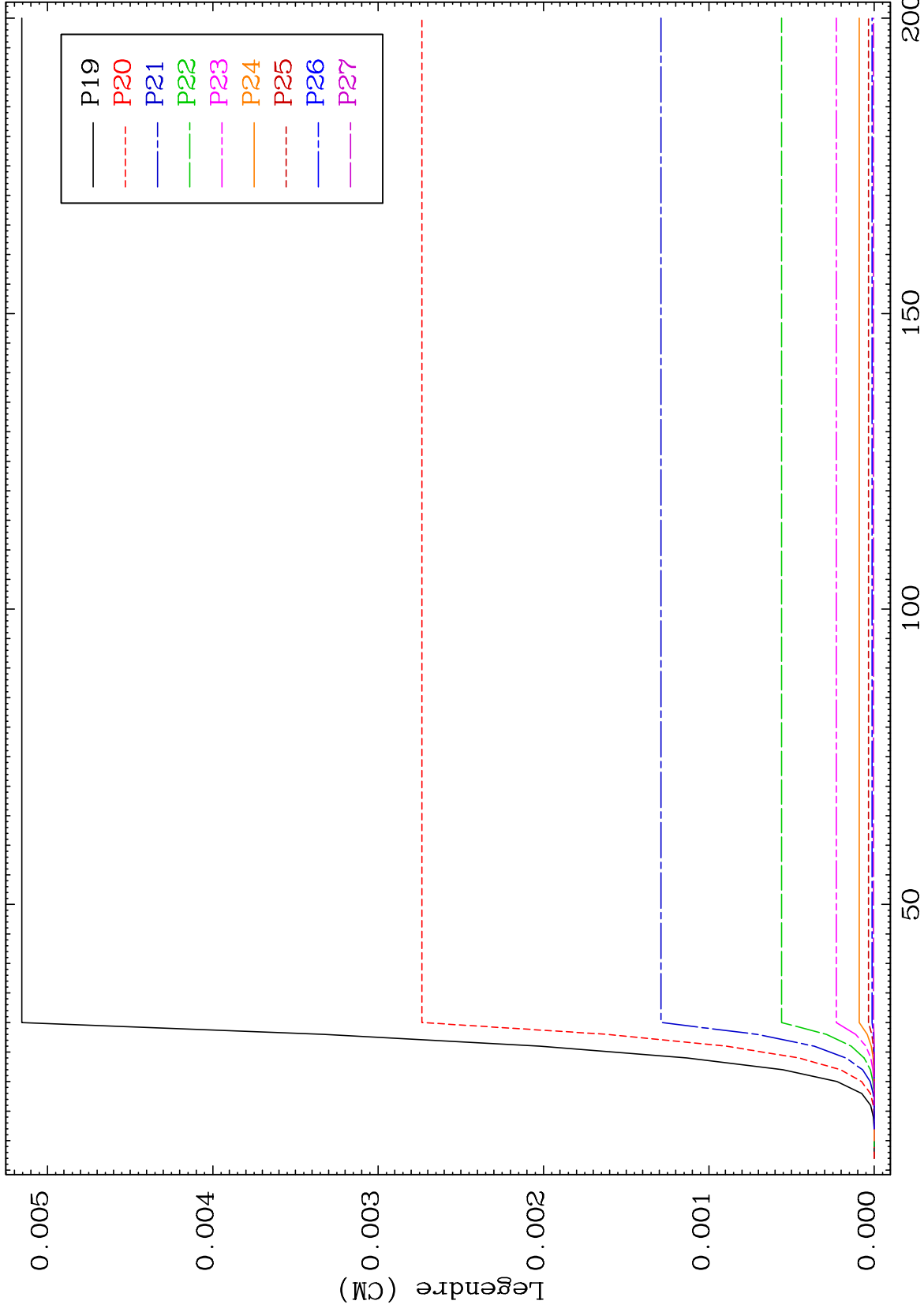
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MAT 4452

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

44-Ru-105

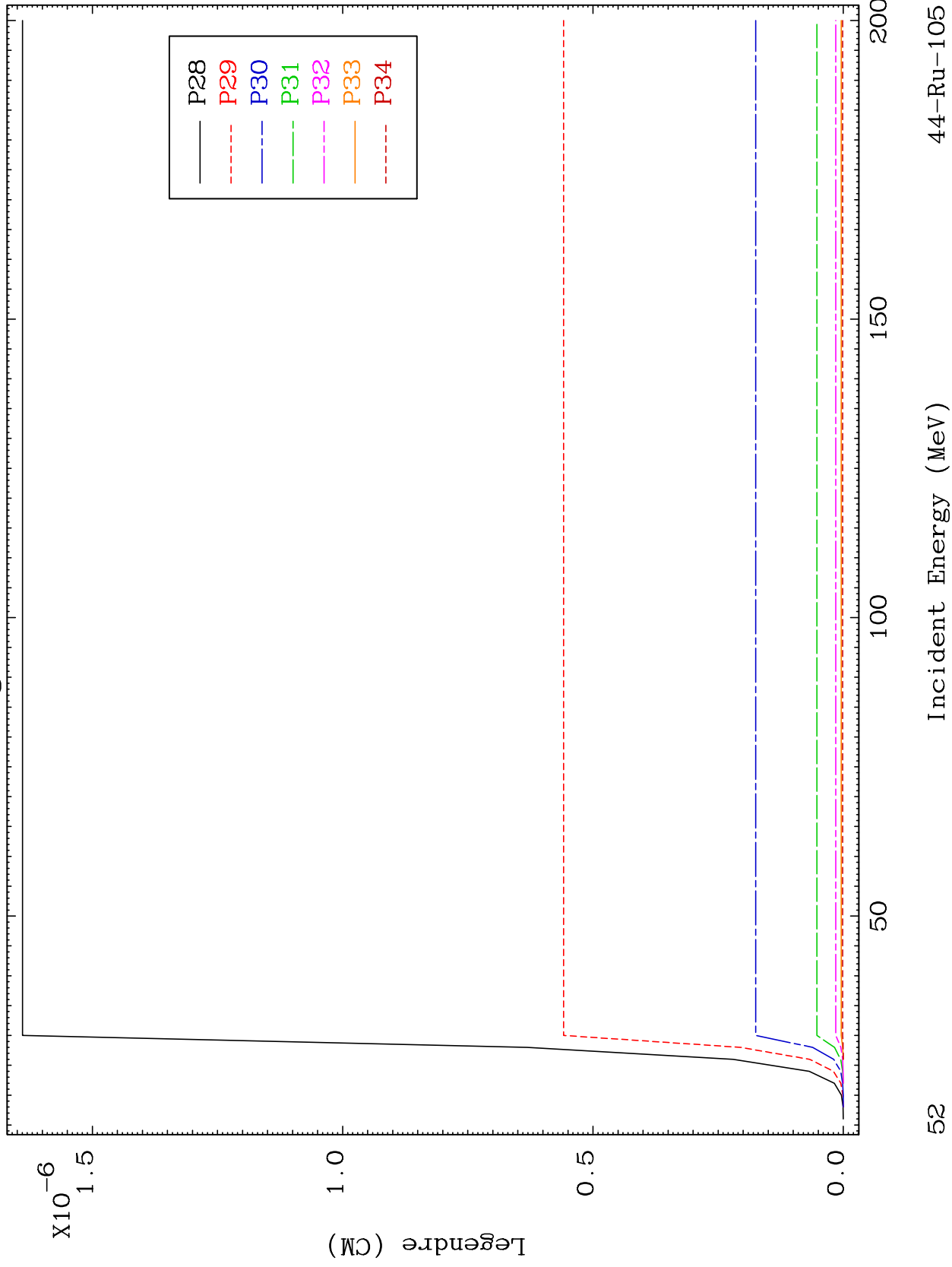




MAT 4452

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

44-Ru-105



52

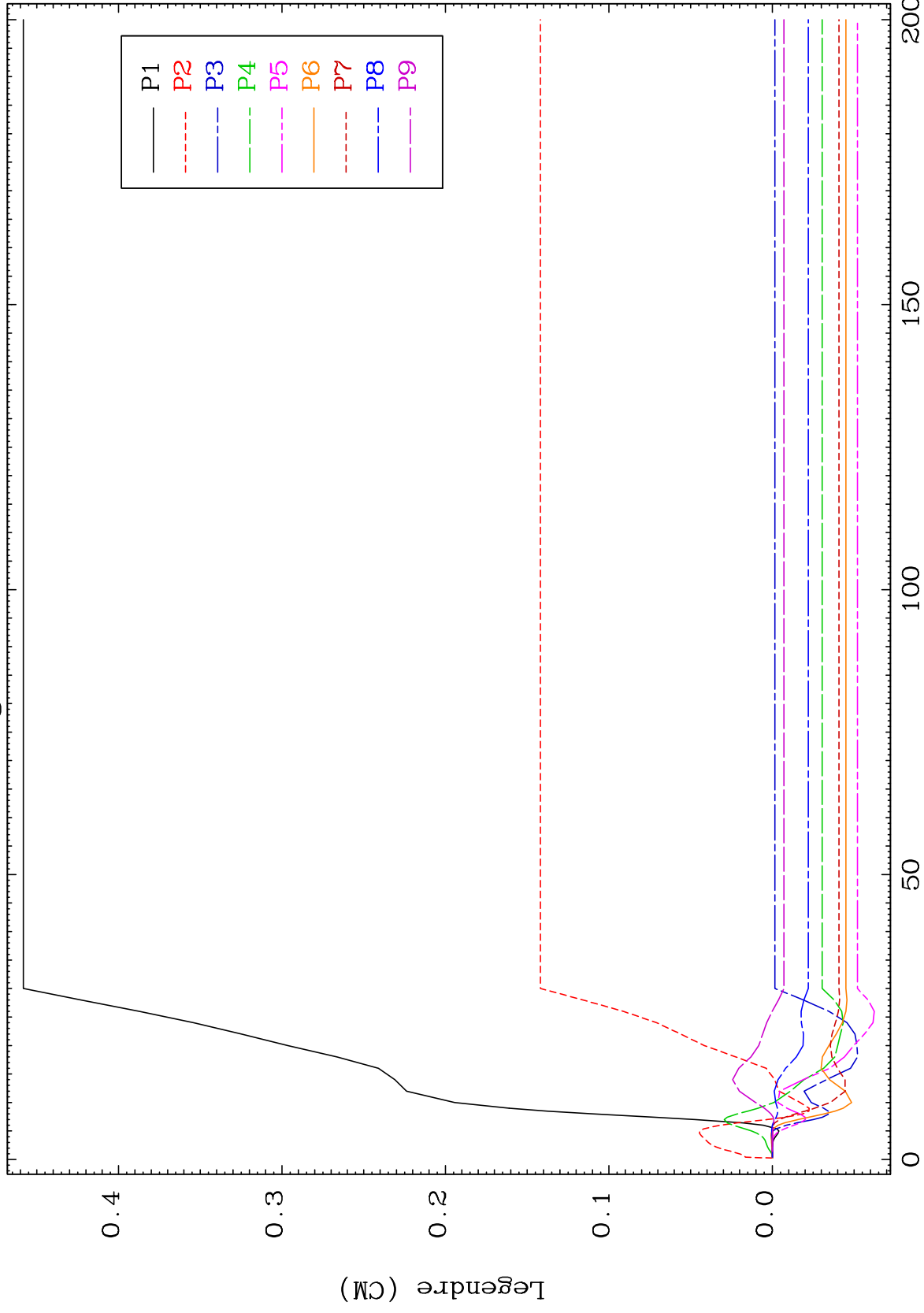
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



53

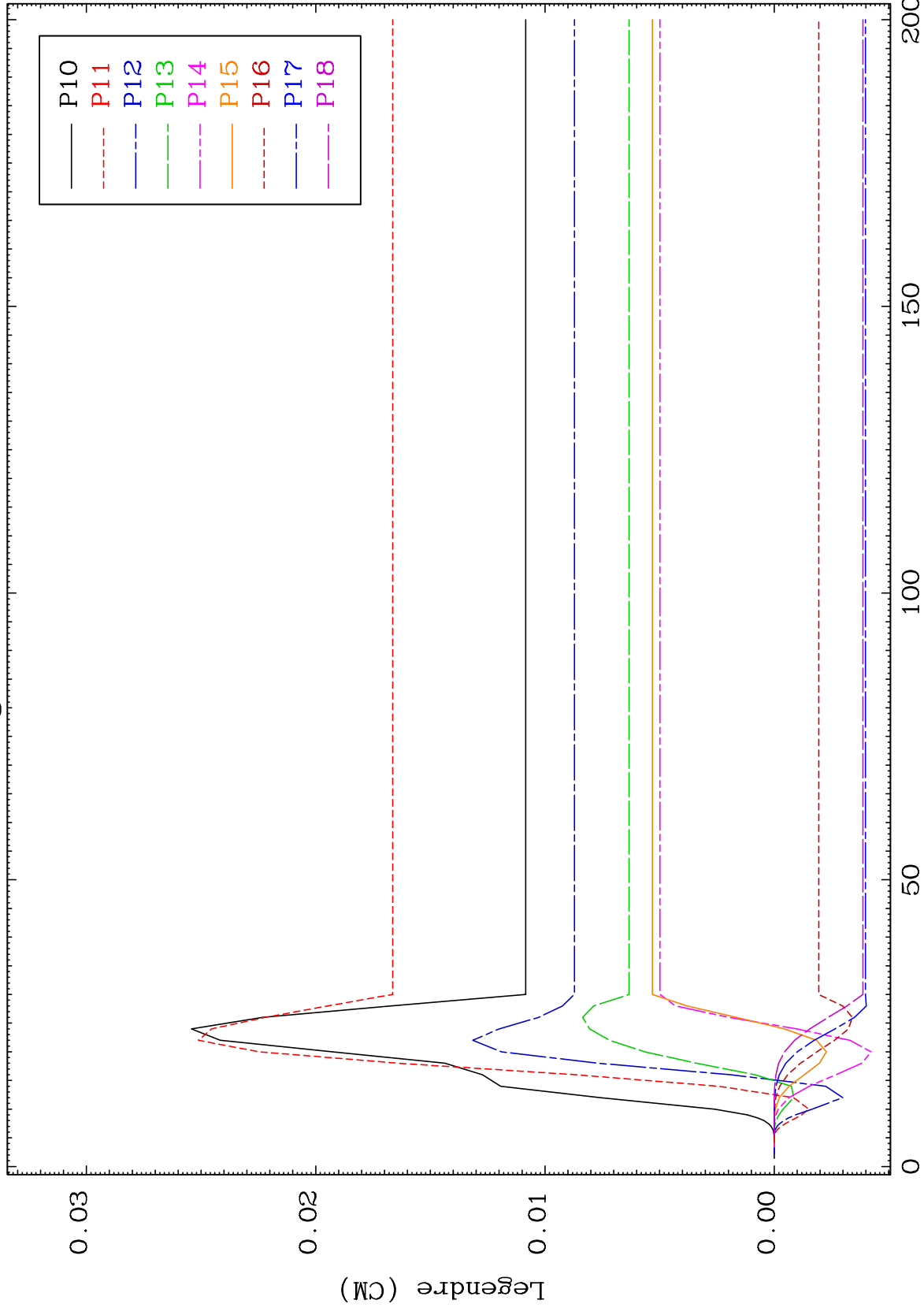
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

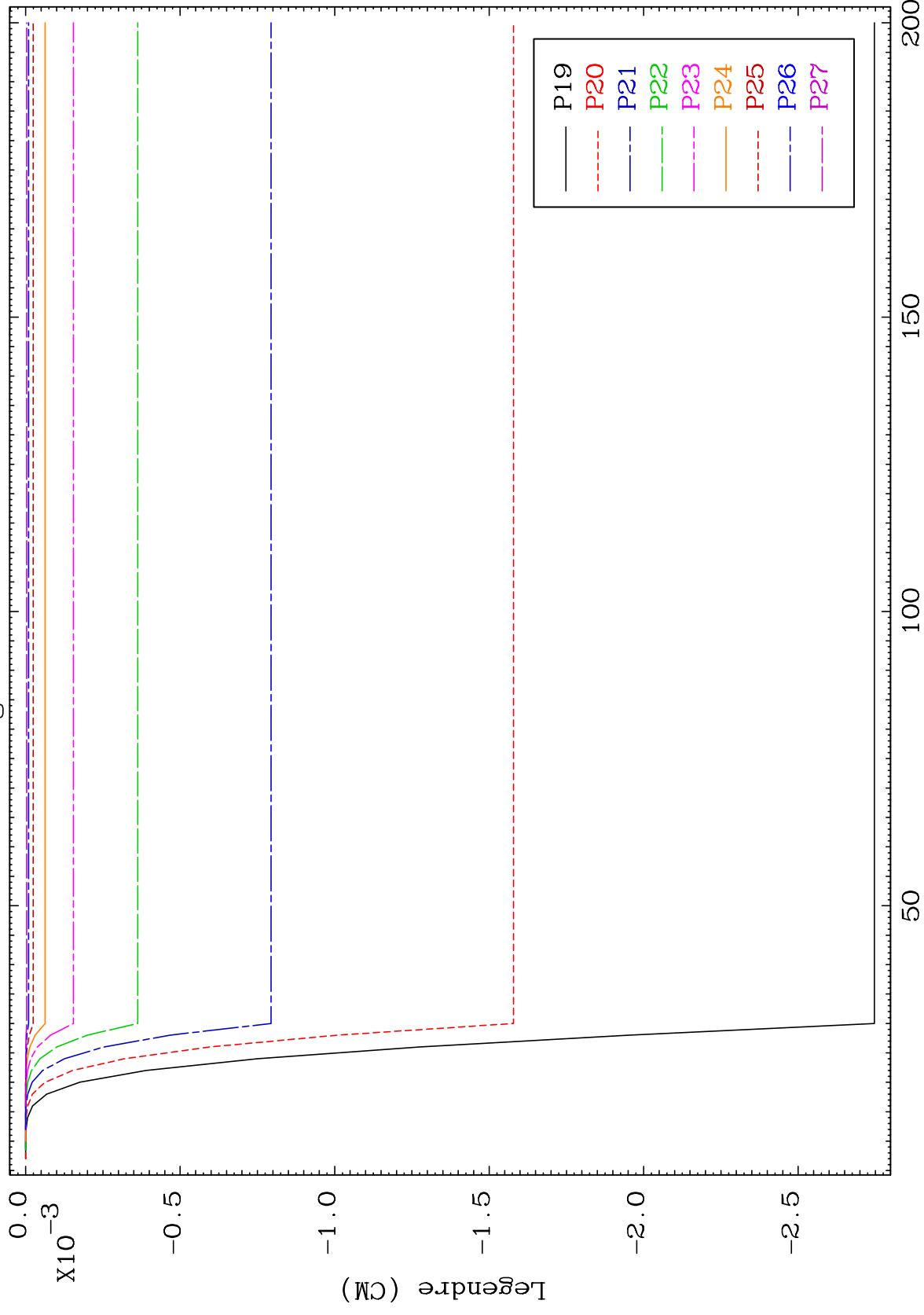
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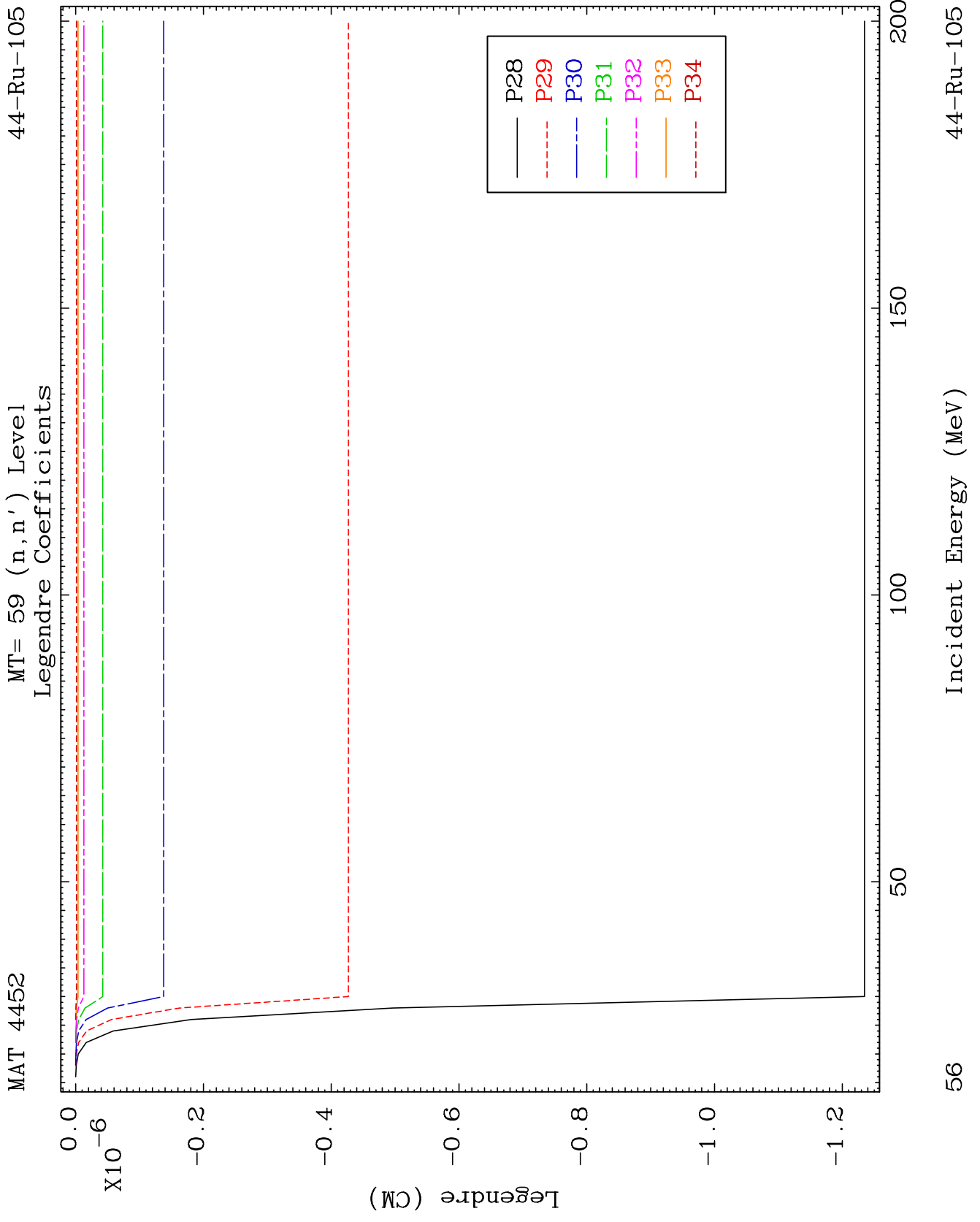


54

Incident Energy (MeV)

44-Ru-105

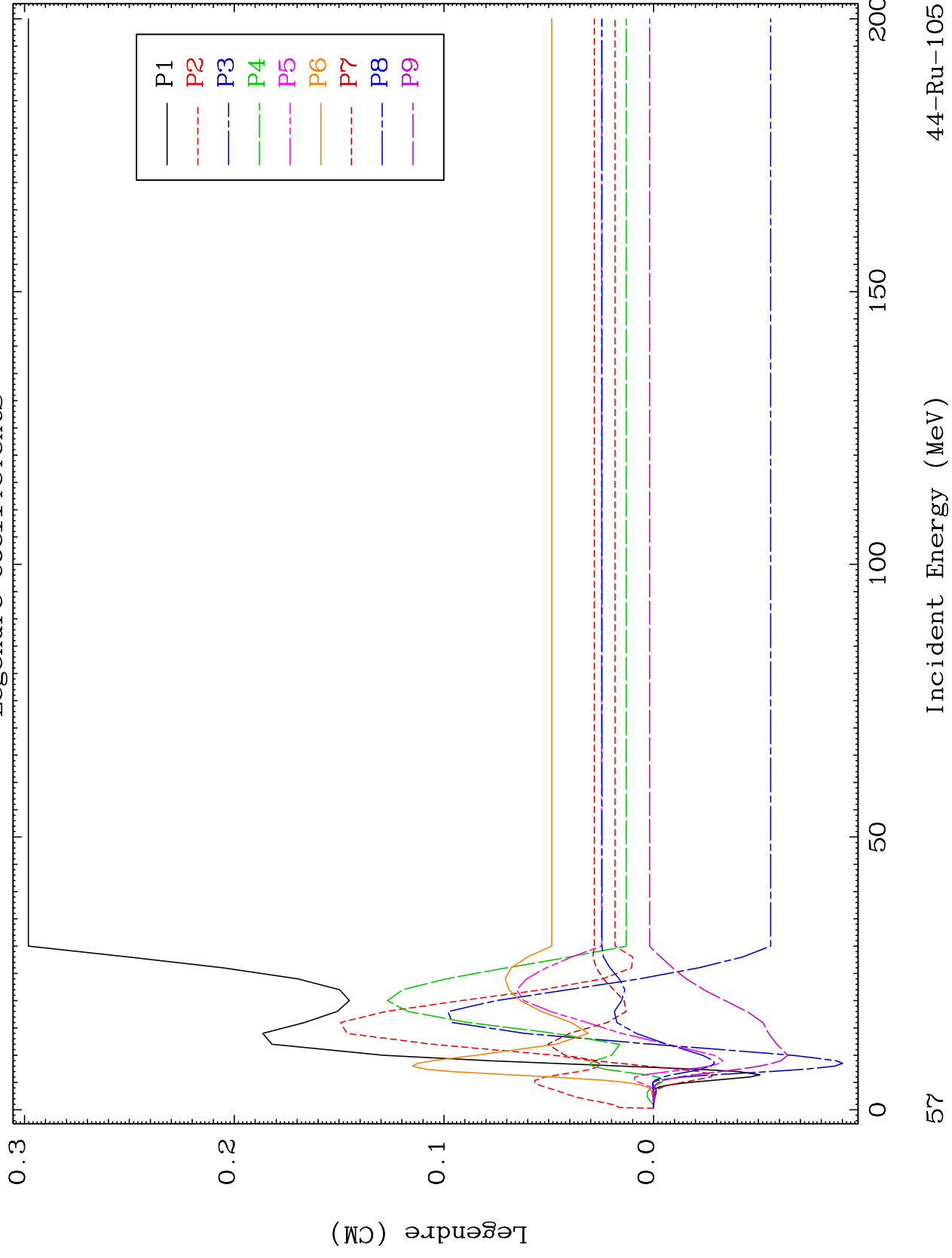




MAT 4452

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

44-Ru-105



44-Ru-105

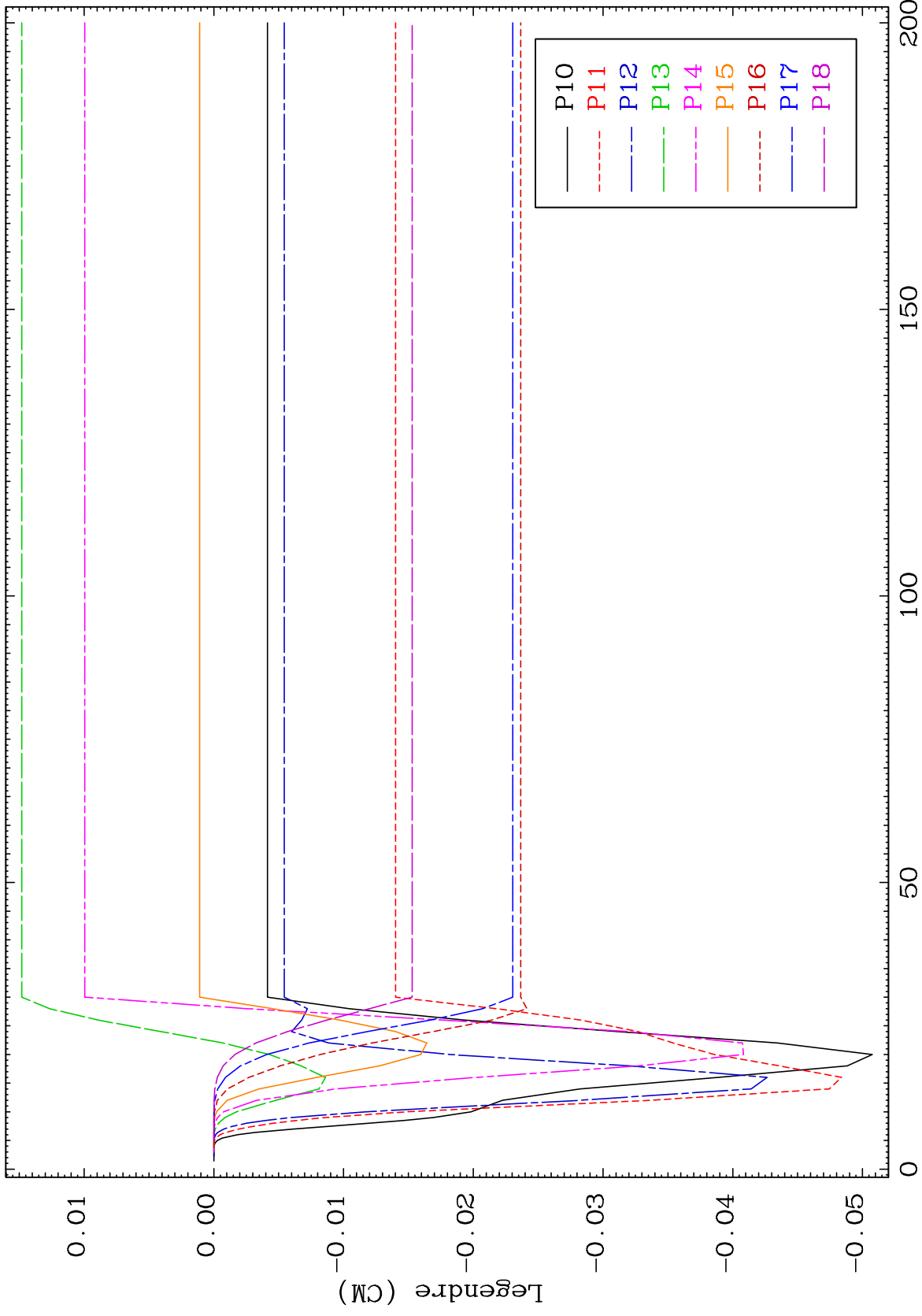
Incident Energy (MeV)

57

MAT 4452

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

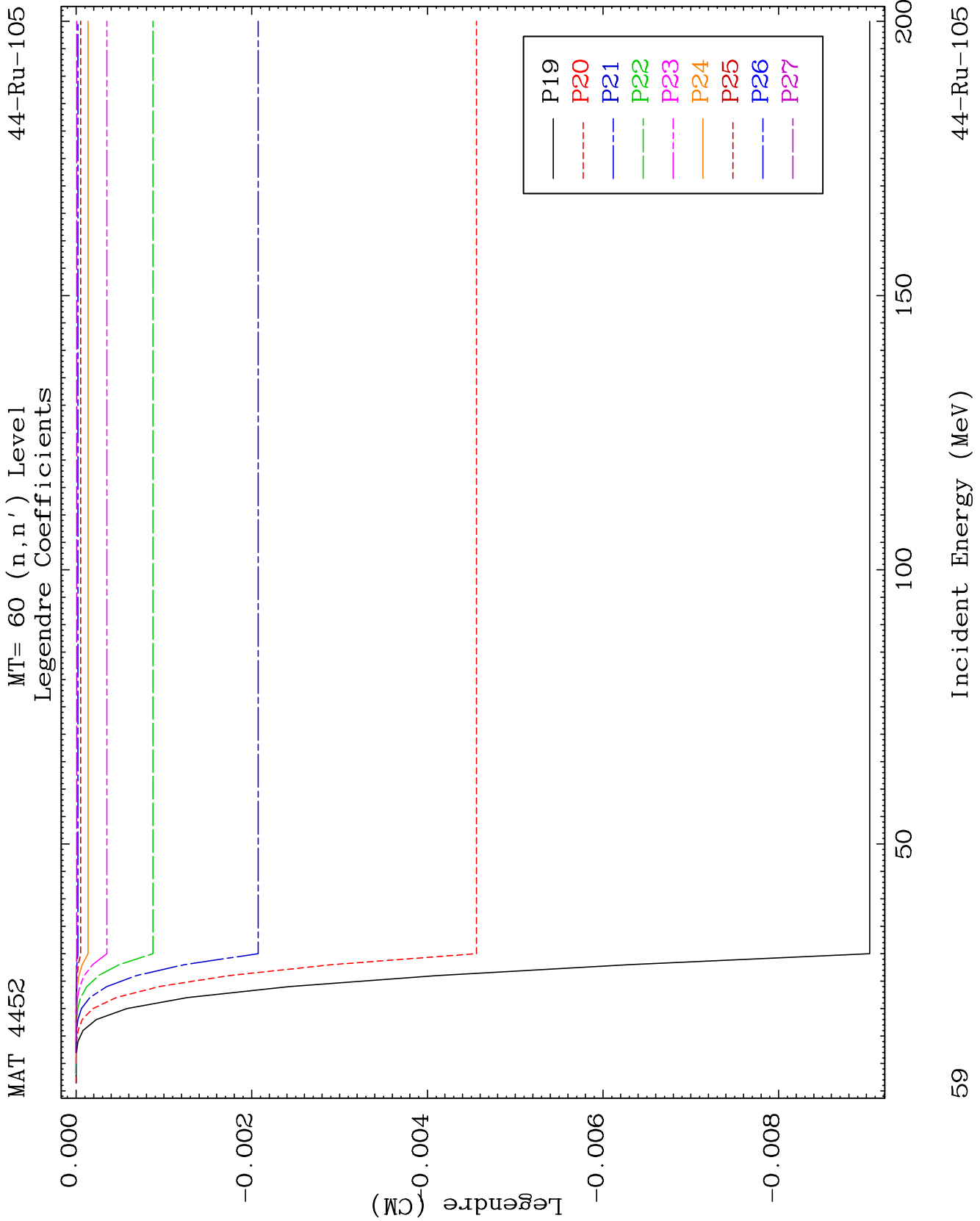
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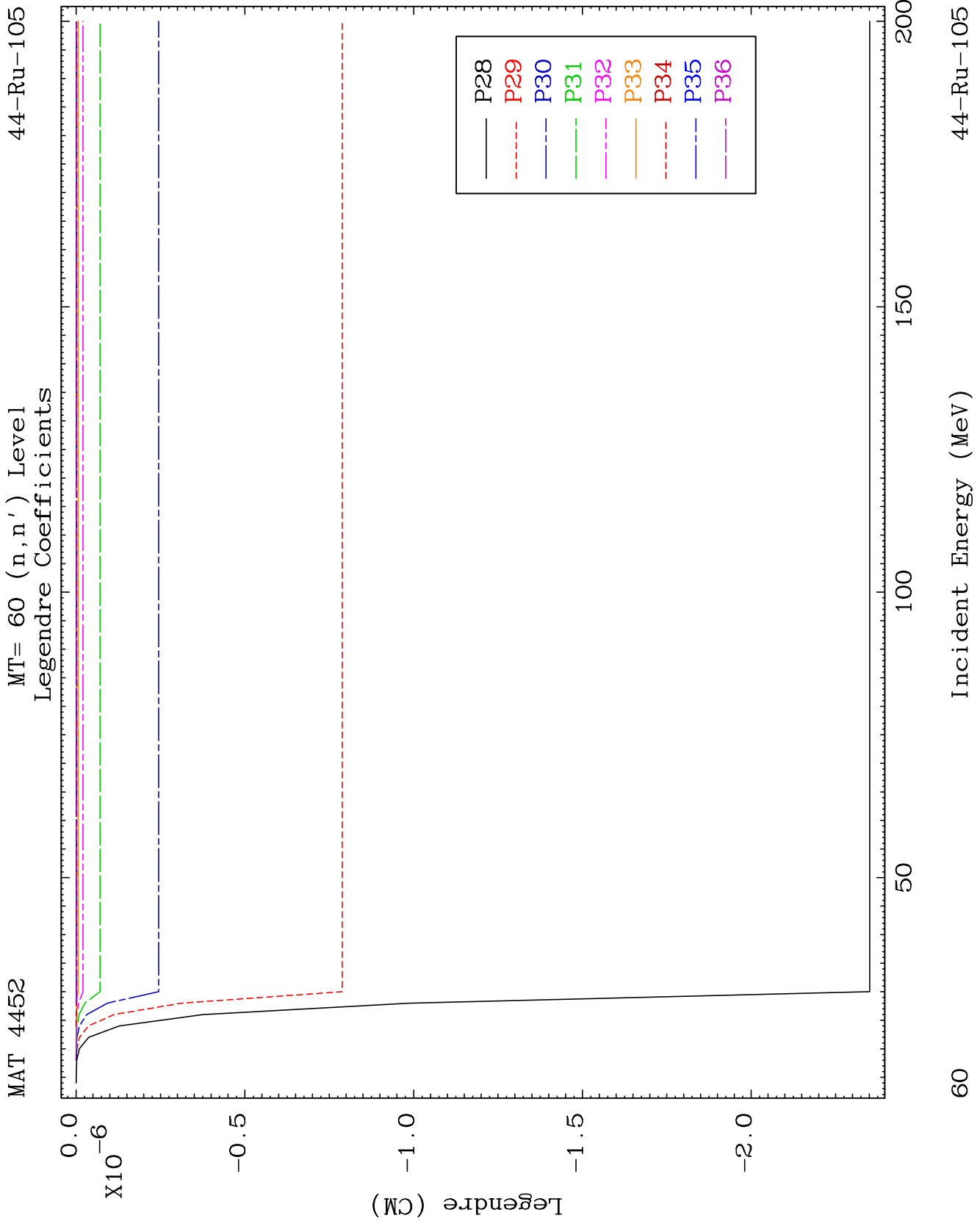


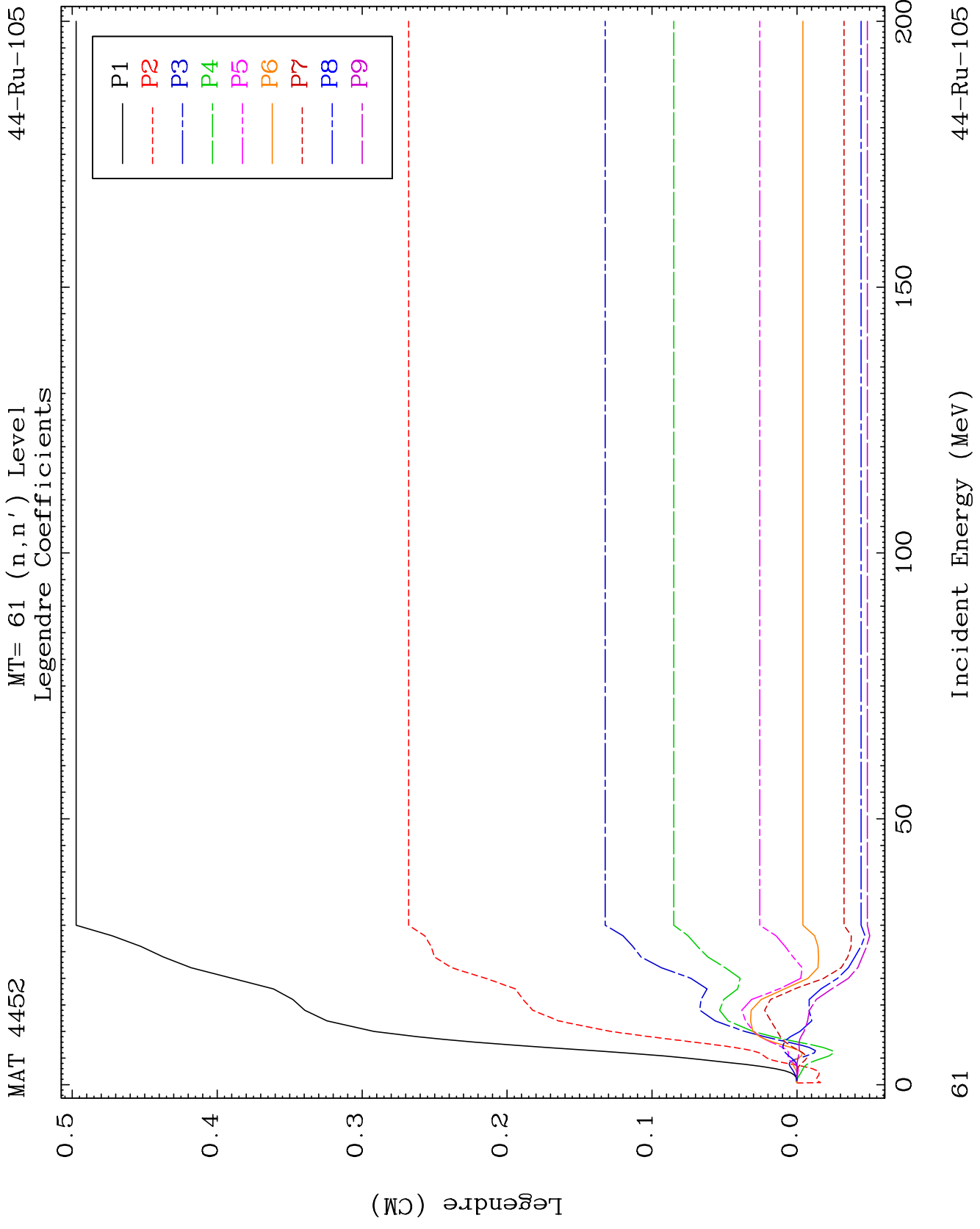
58

Incident Energy (MeV)

44-Ru-105



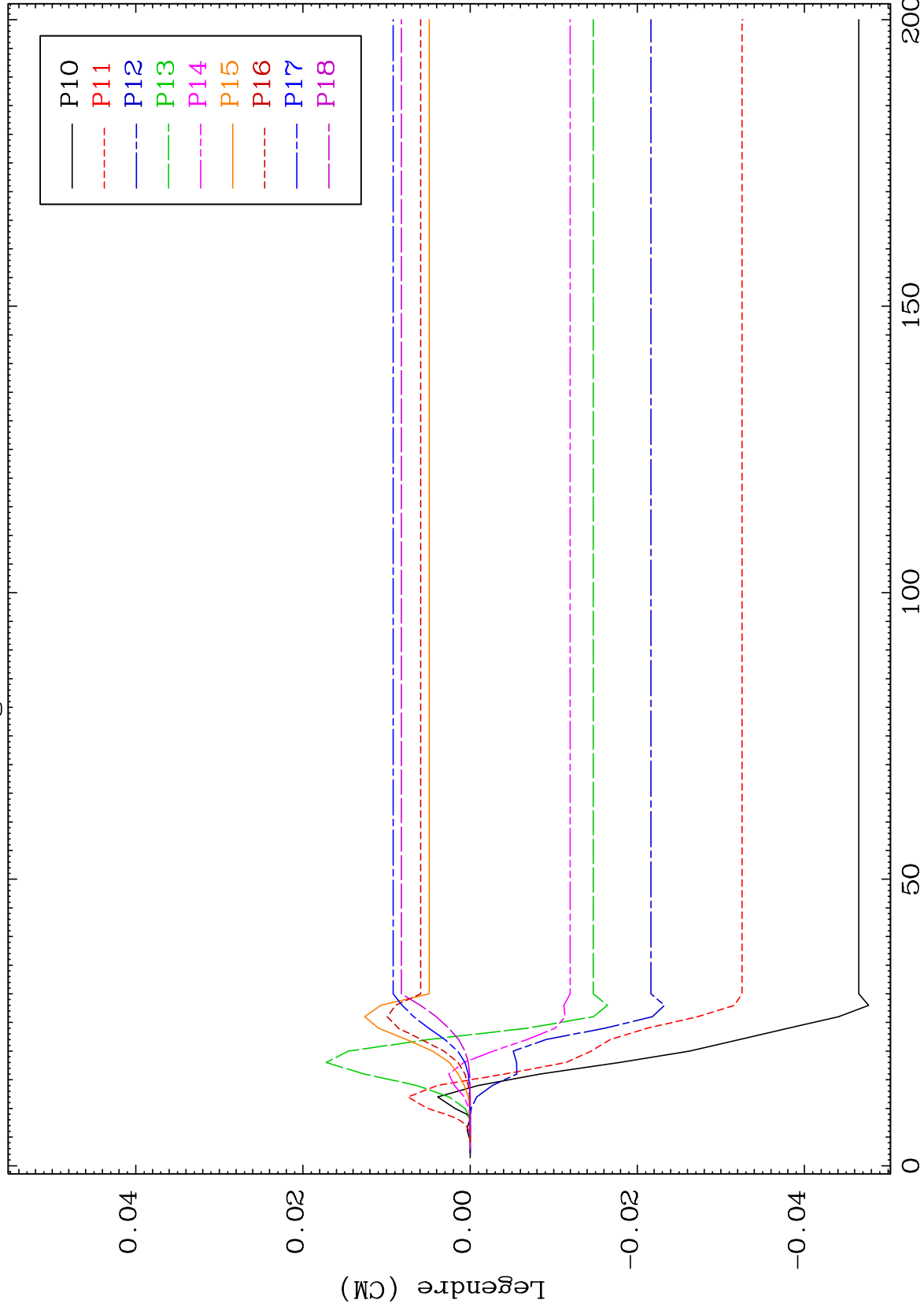




MAT 4452

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

44-Ru-105



62

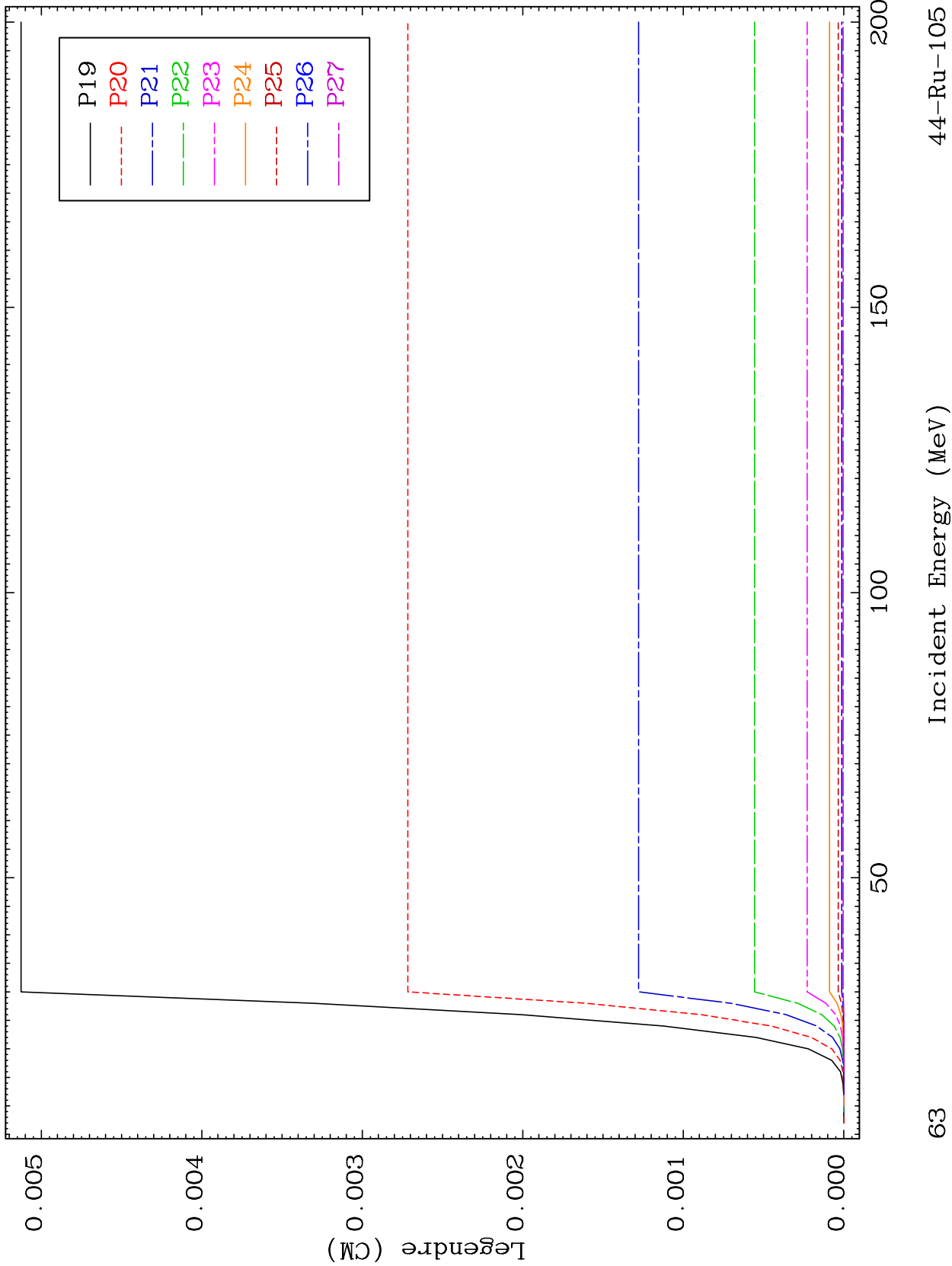
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



63

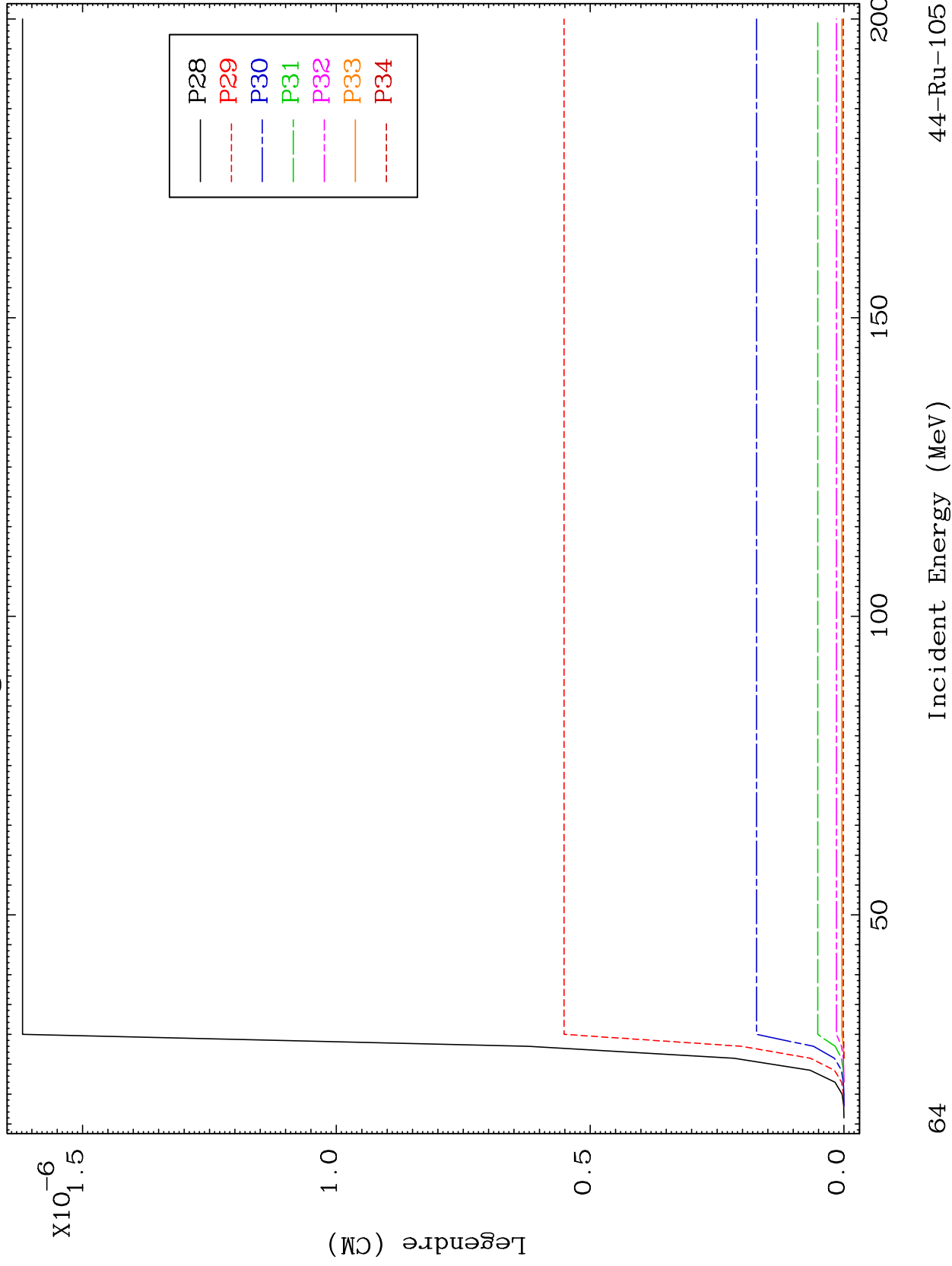
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



64

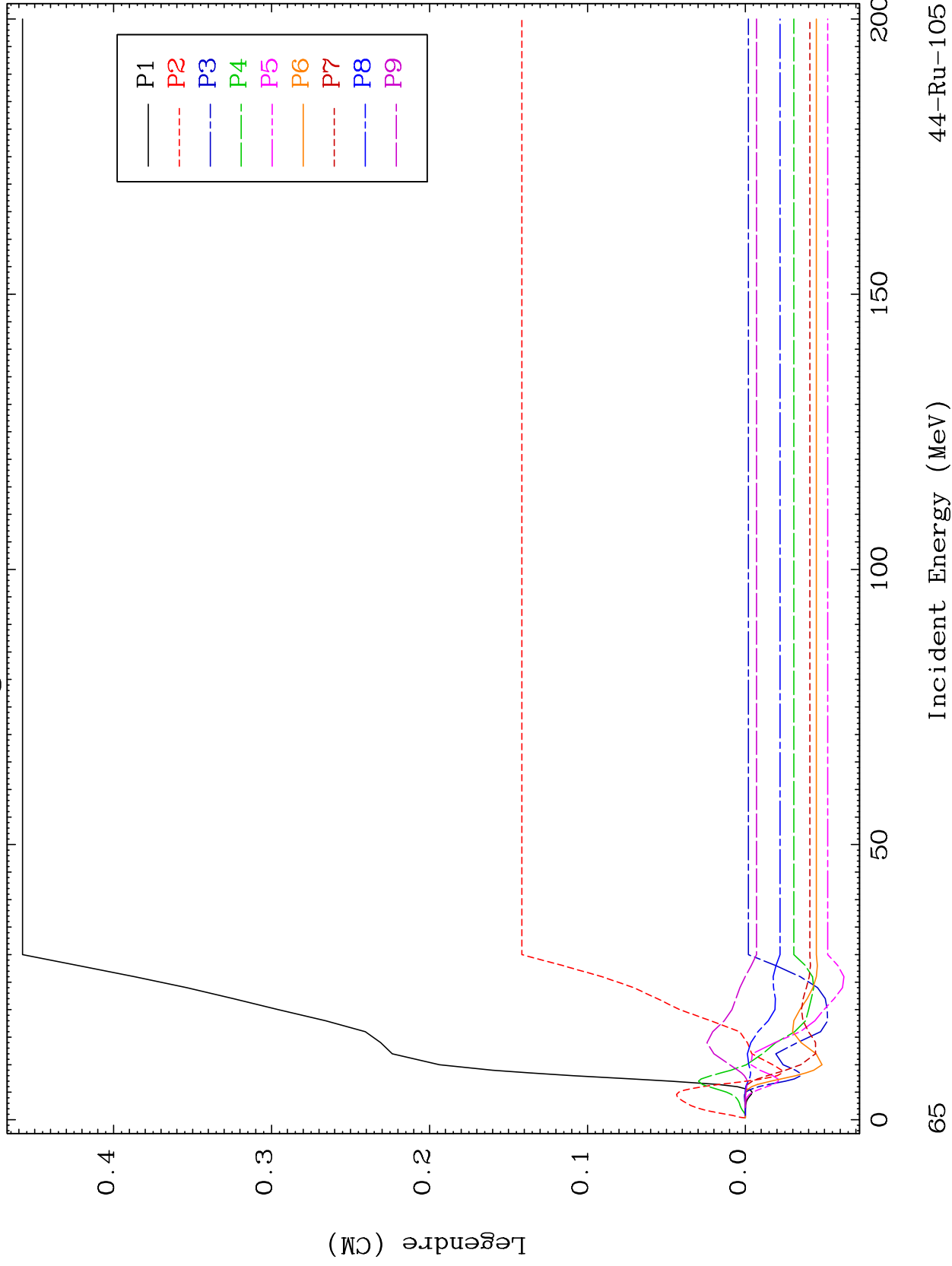
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

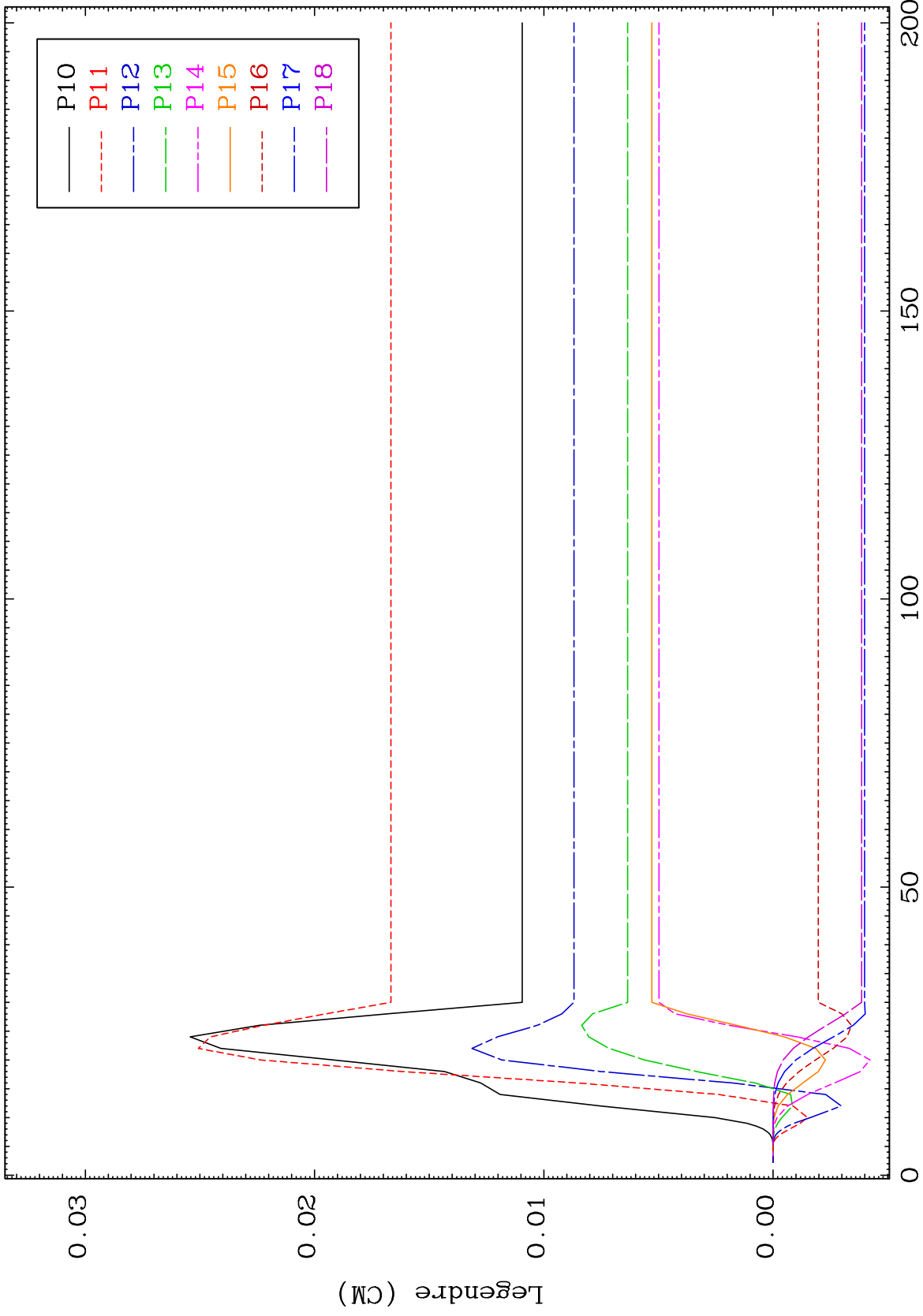
44-Ru-105



MAT 4452

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

44-Ru-105



66

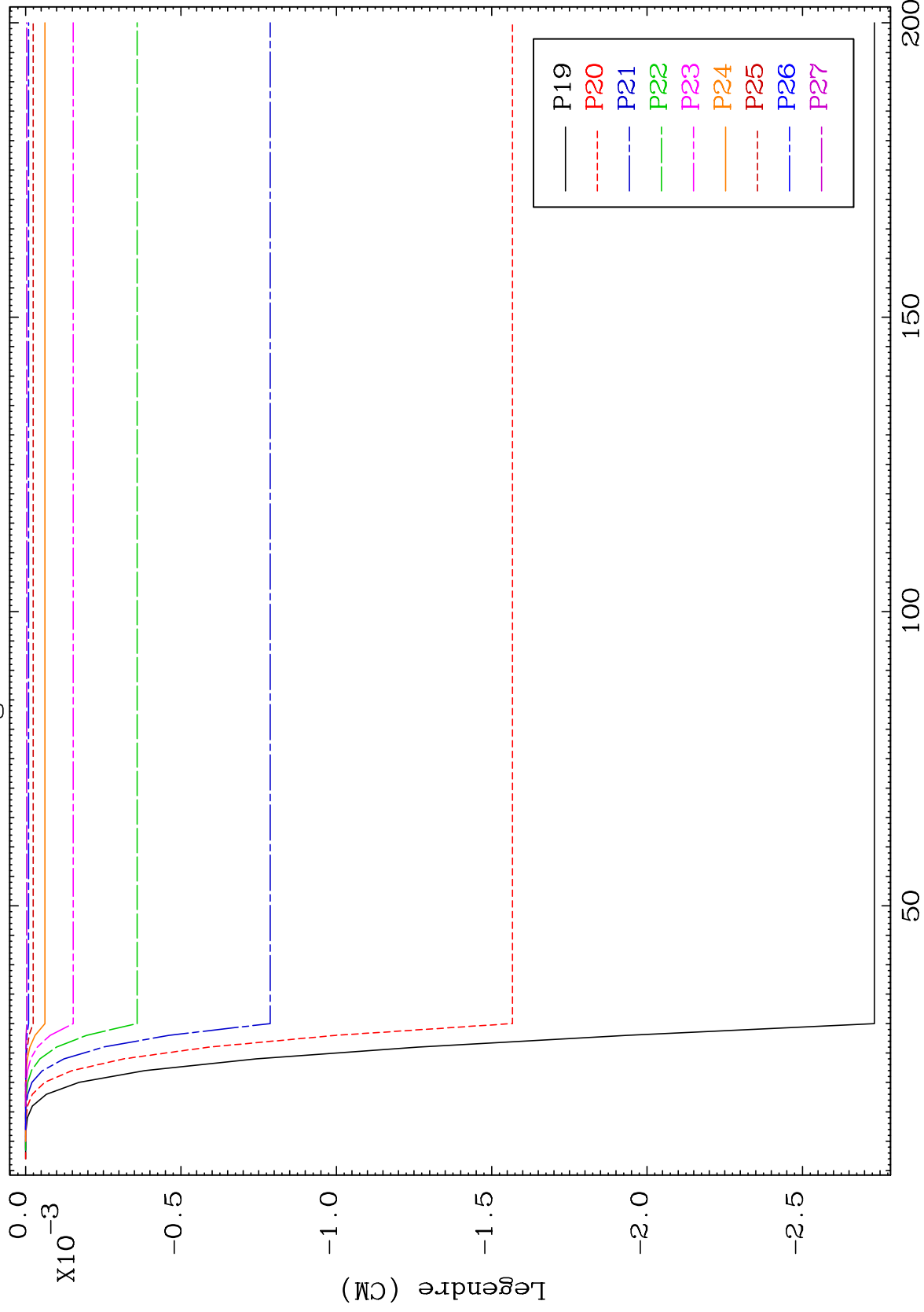
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

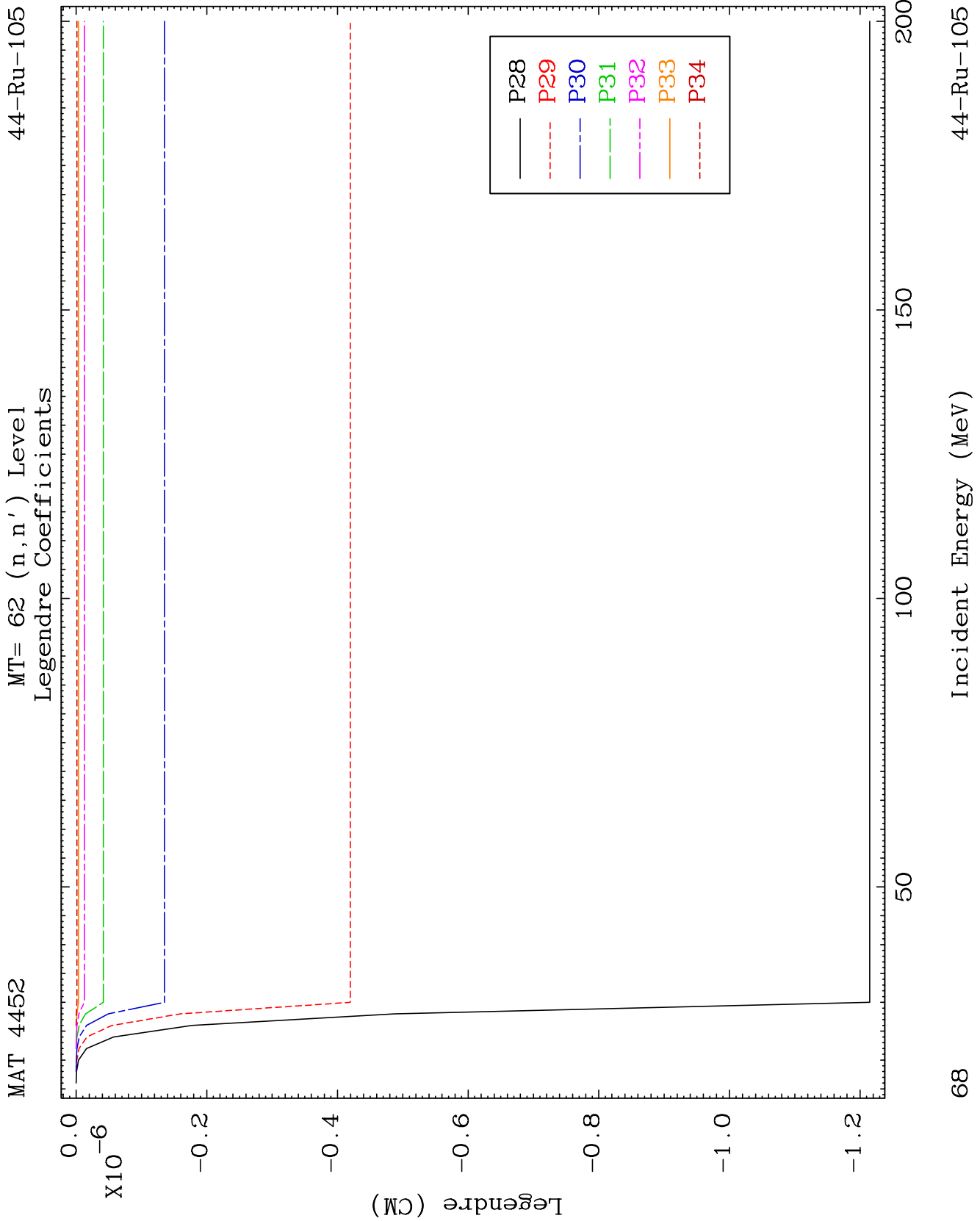
44-Ru-105



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Incident Energy (MeV)

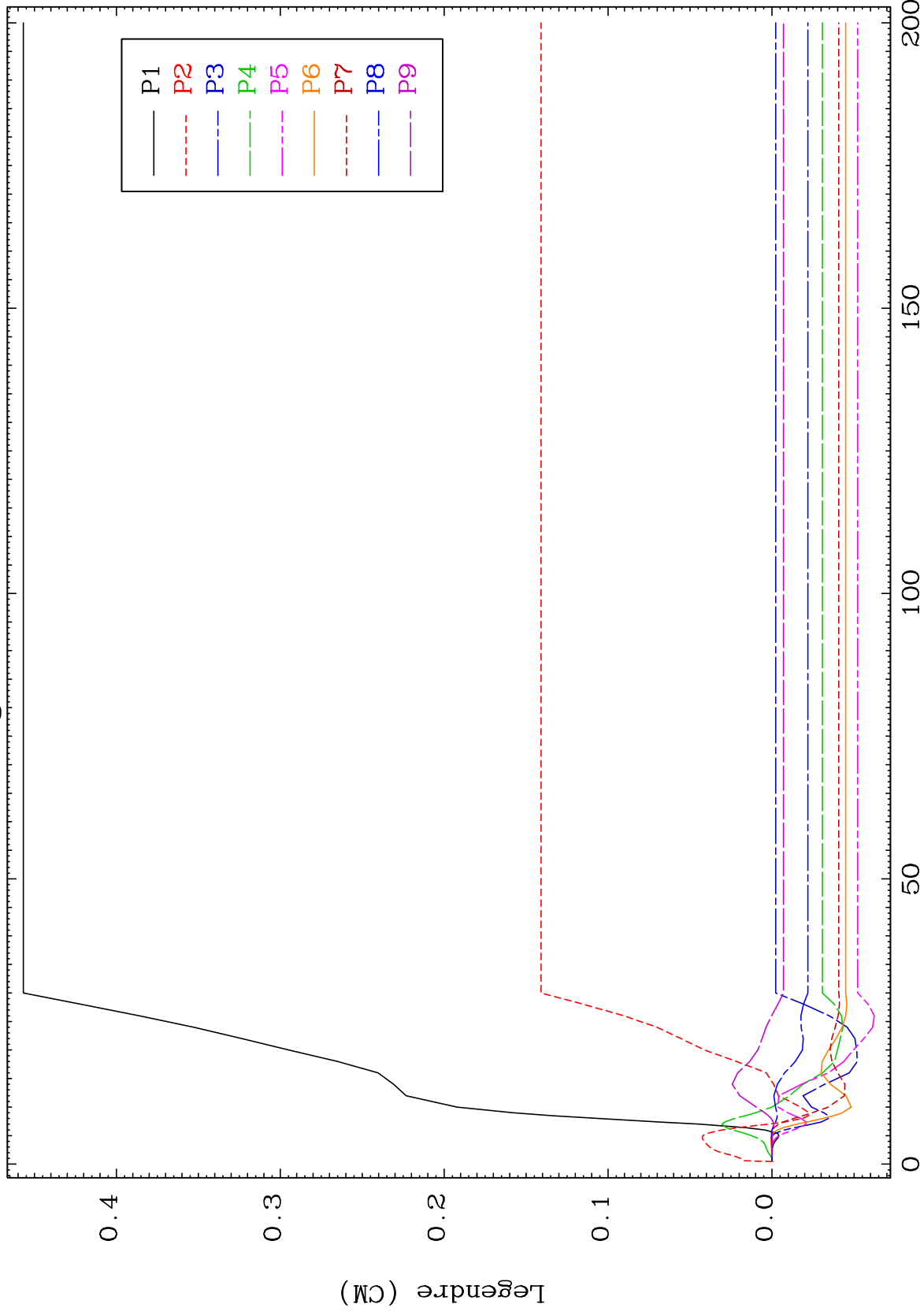
44-Ru-105



MAT 4452

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

44-Ru-105



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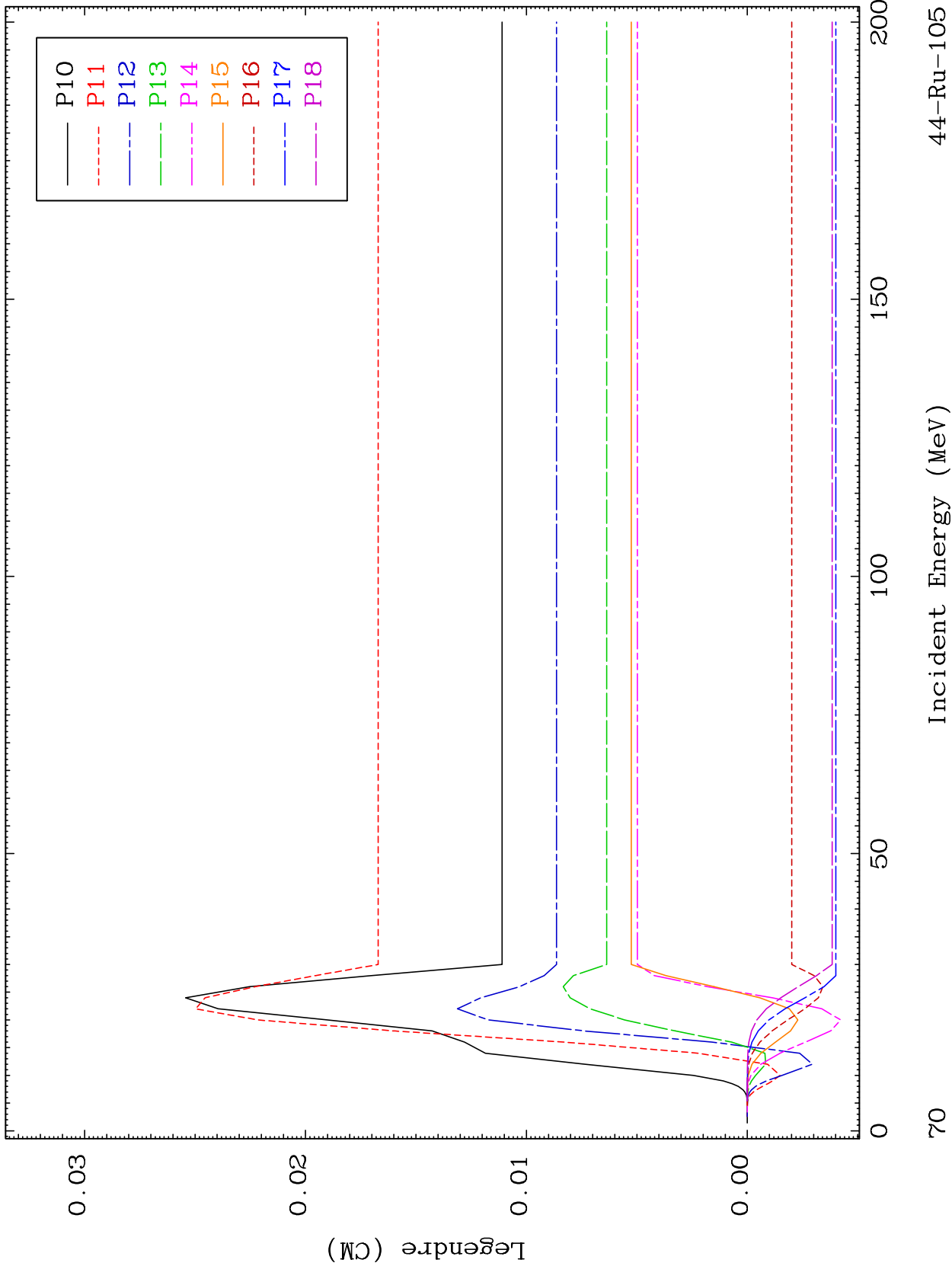
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

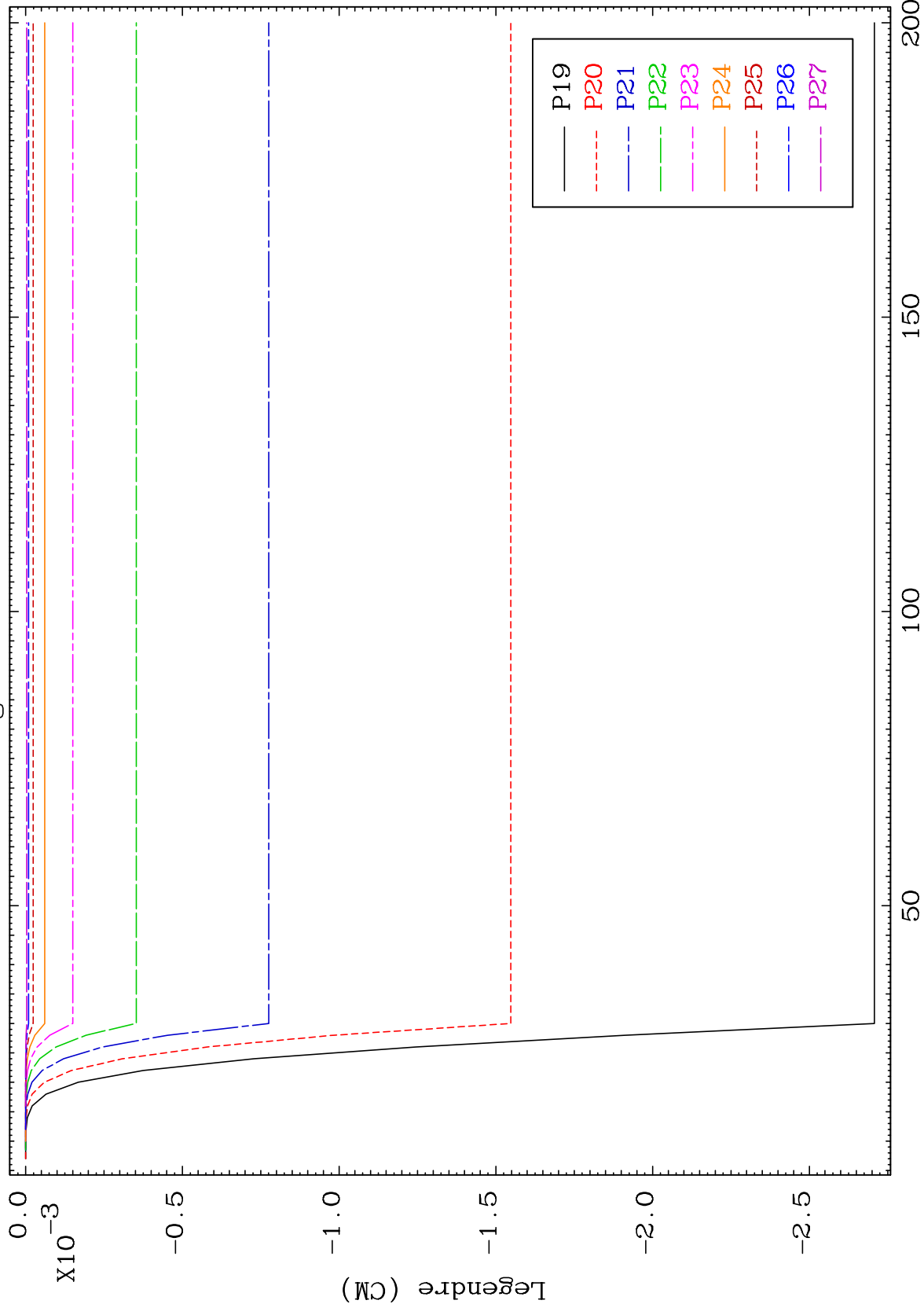
Incident Energy (MeV)

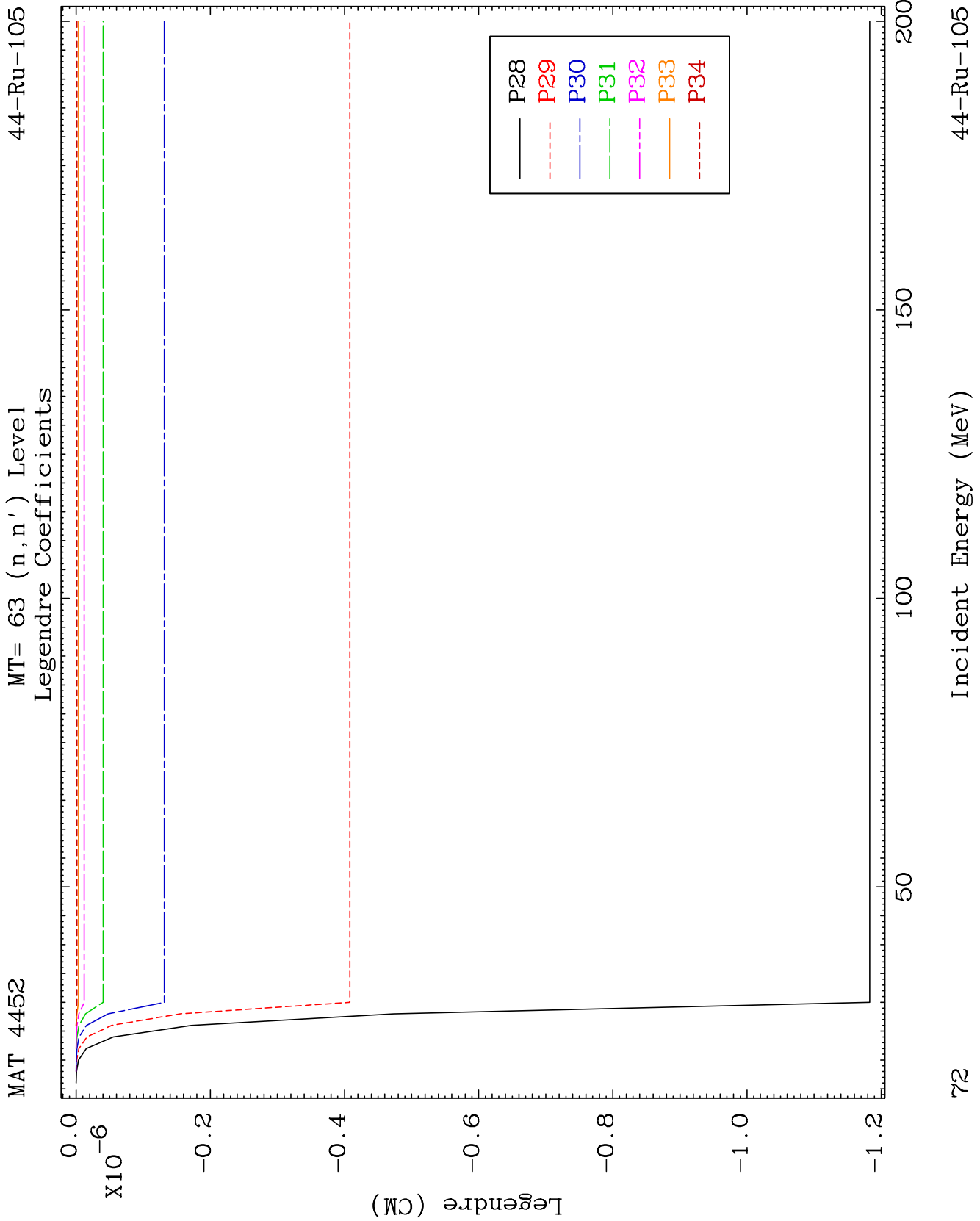
70

MAT 4452

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

44-Ru-105

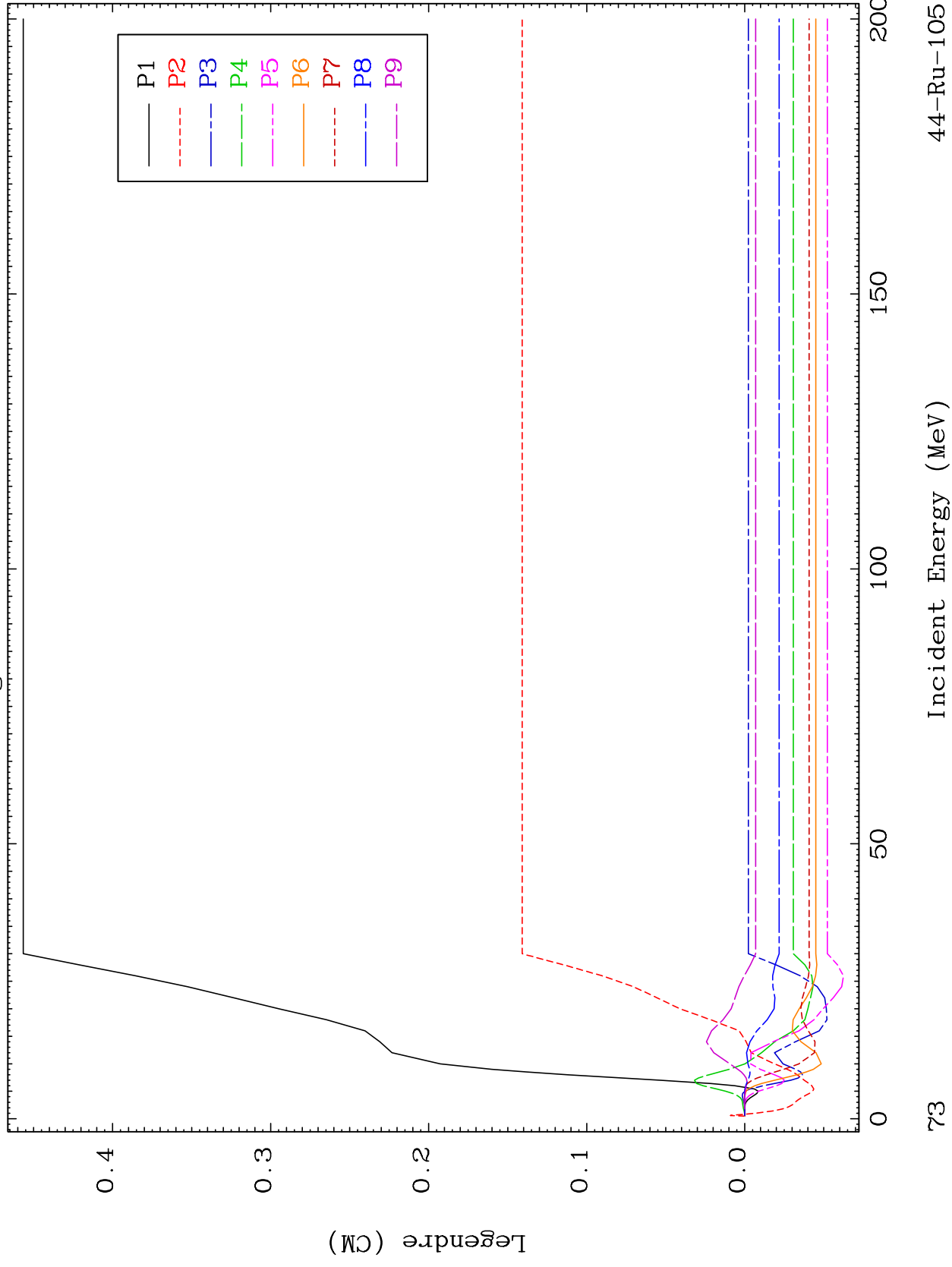




MAT 4452

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

44-Ru-105



73

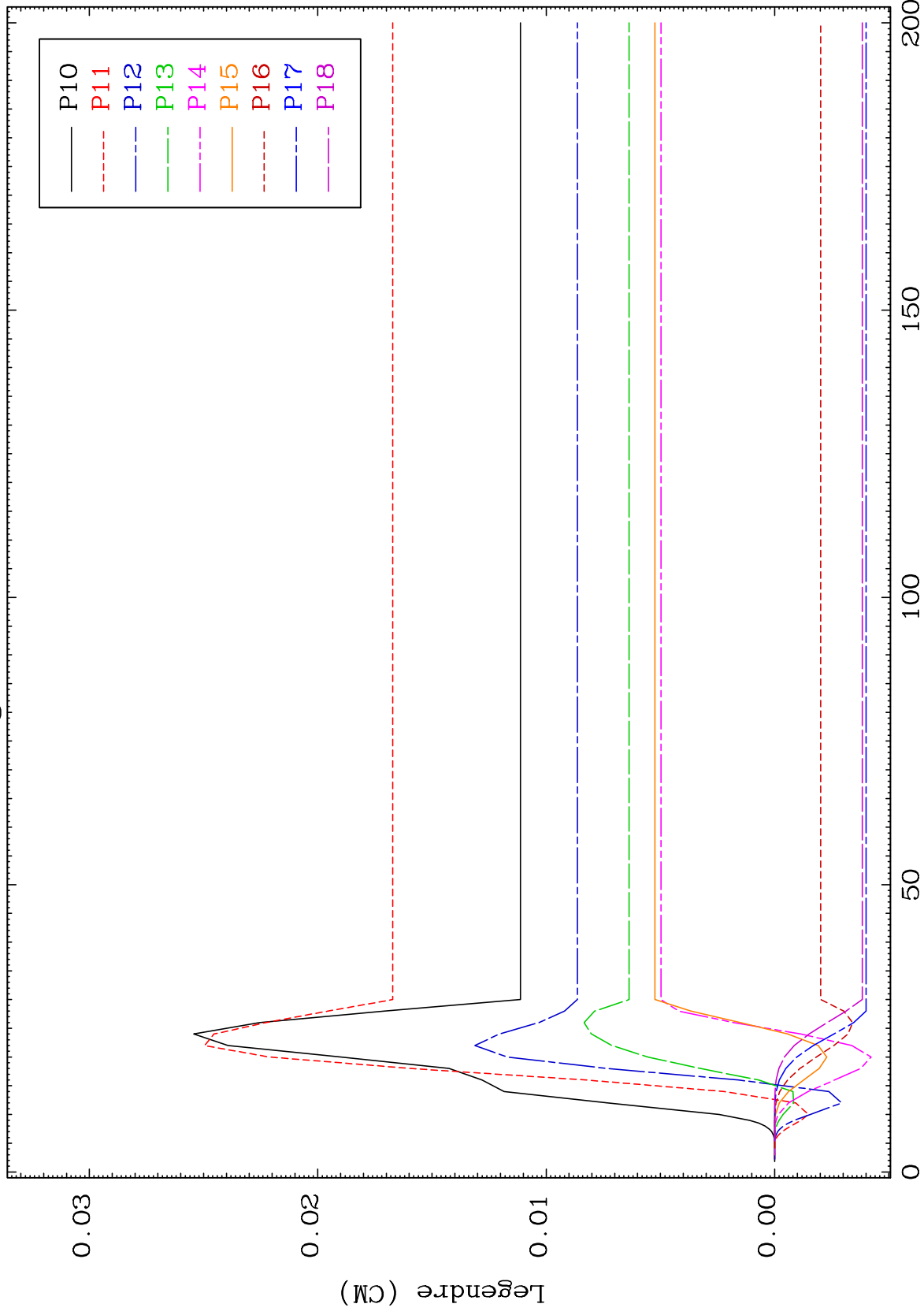
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

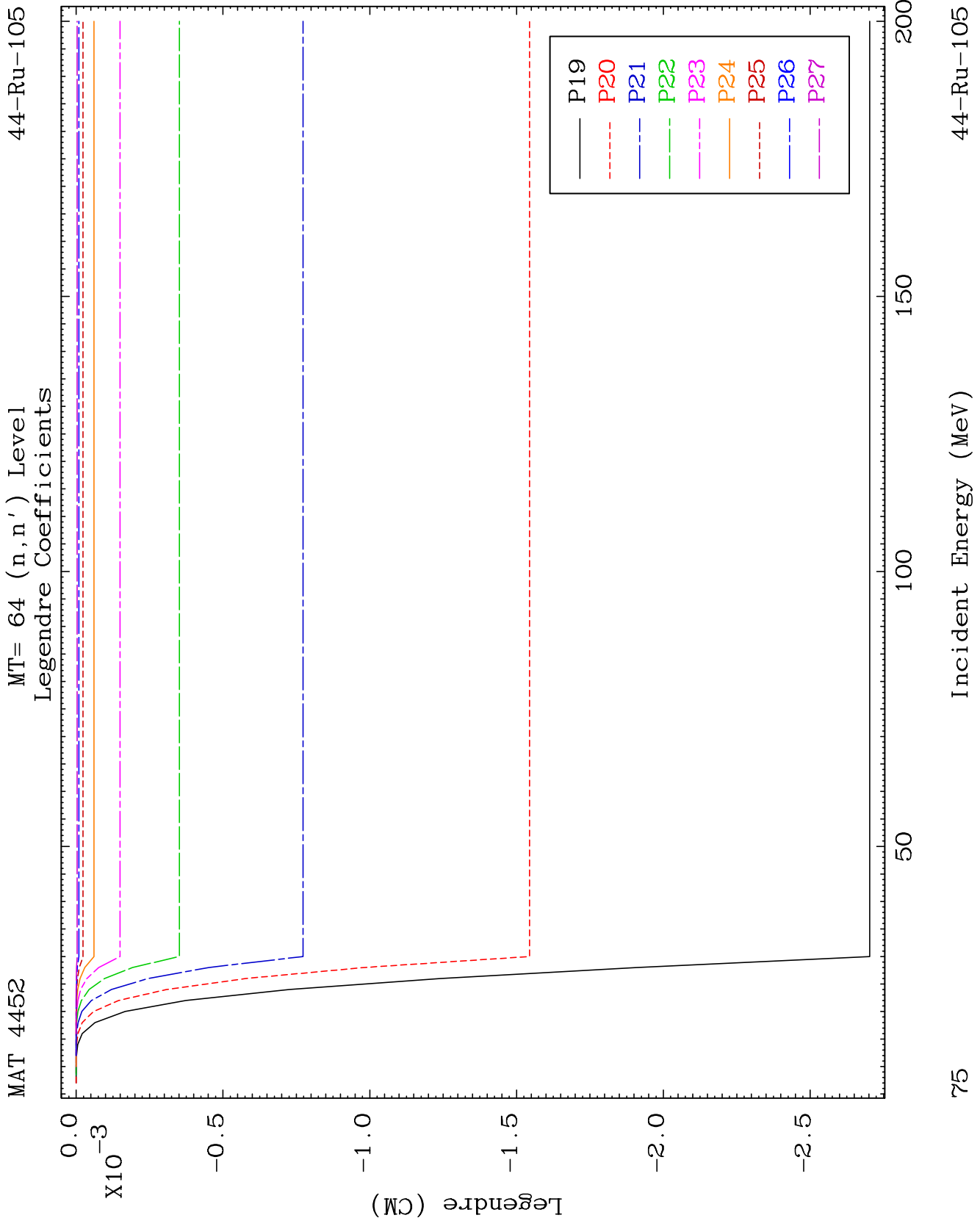
44-Ru-105

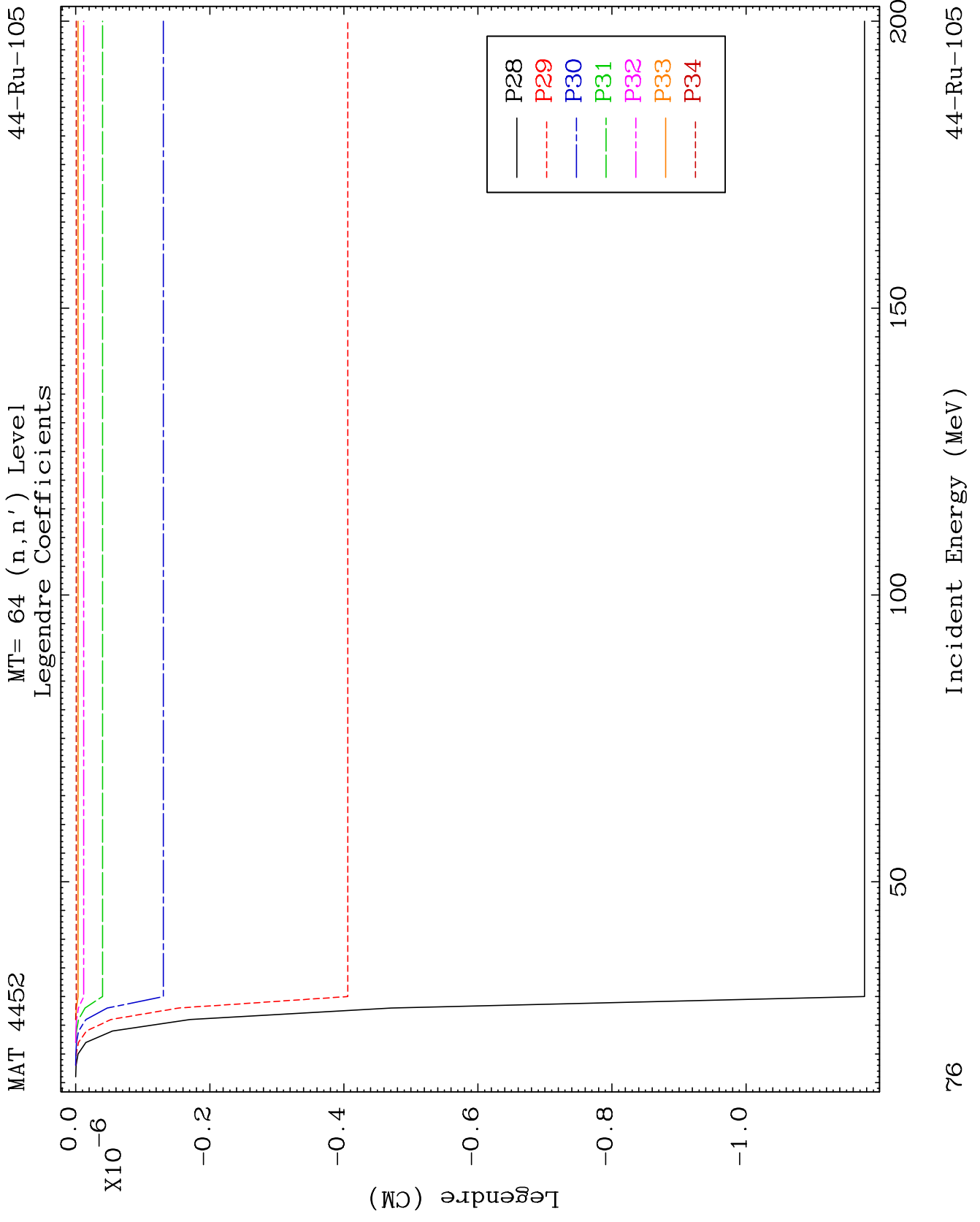


74

Incident Energy (MeV)

44-Ru-105

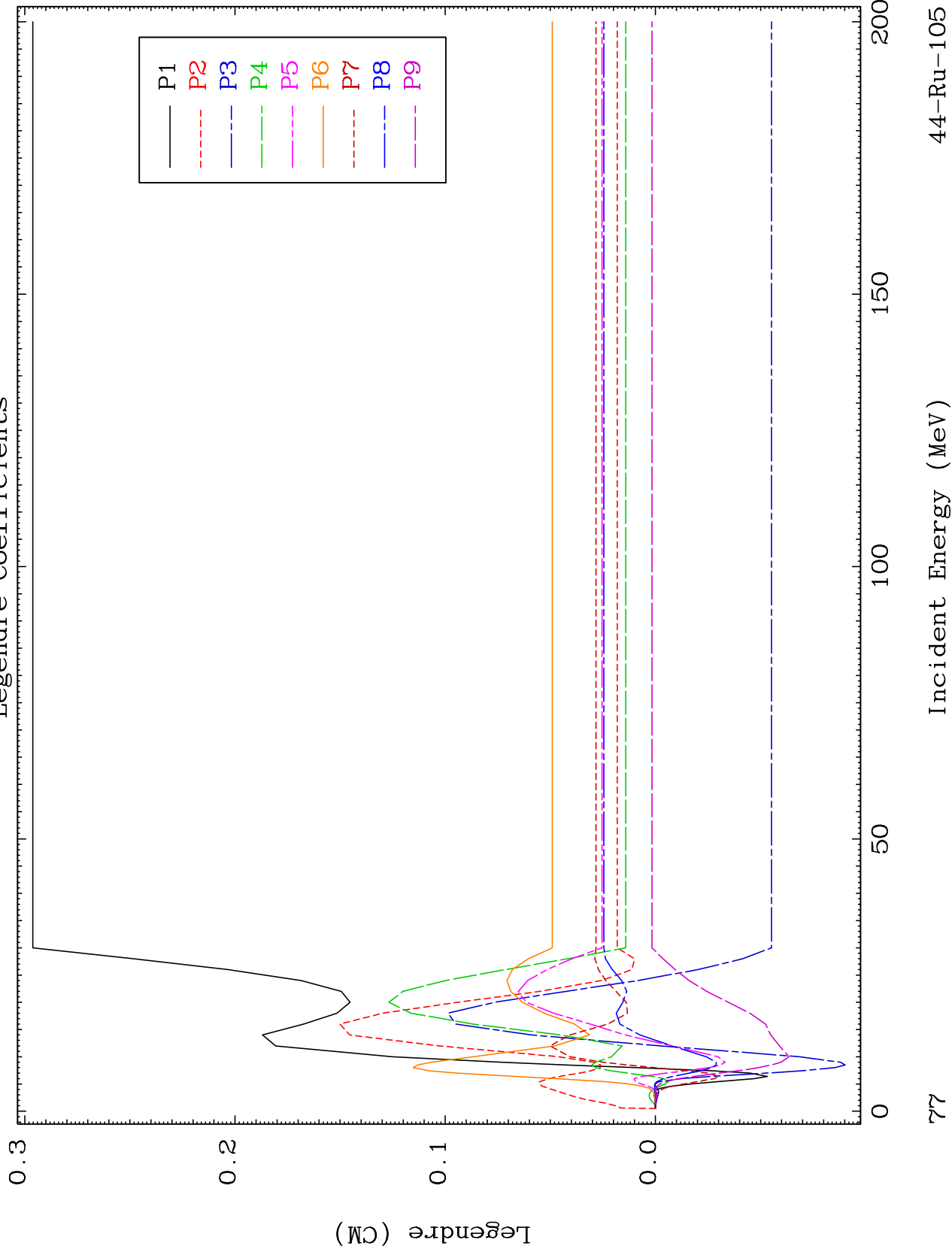




MAT 4452

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

44-Ru-105

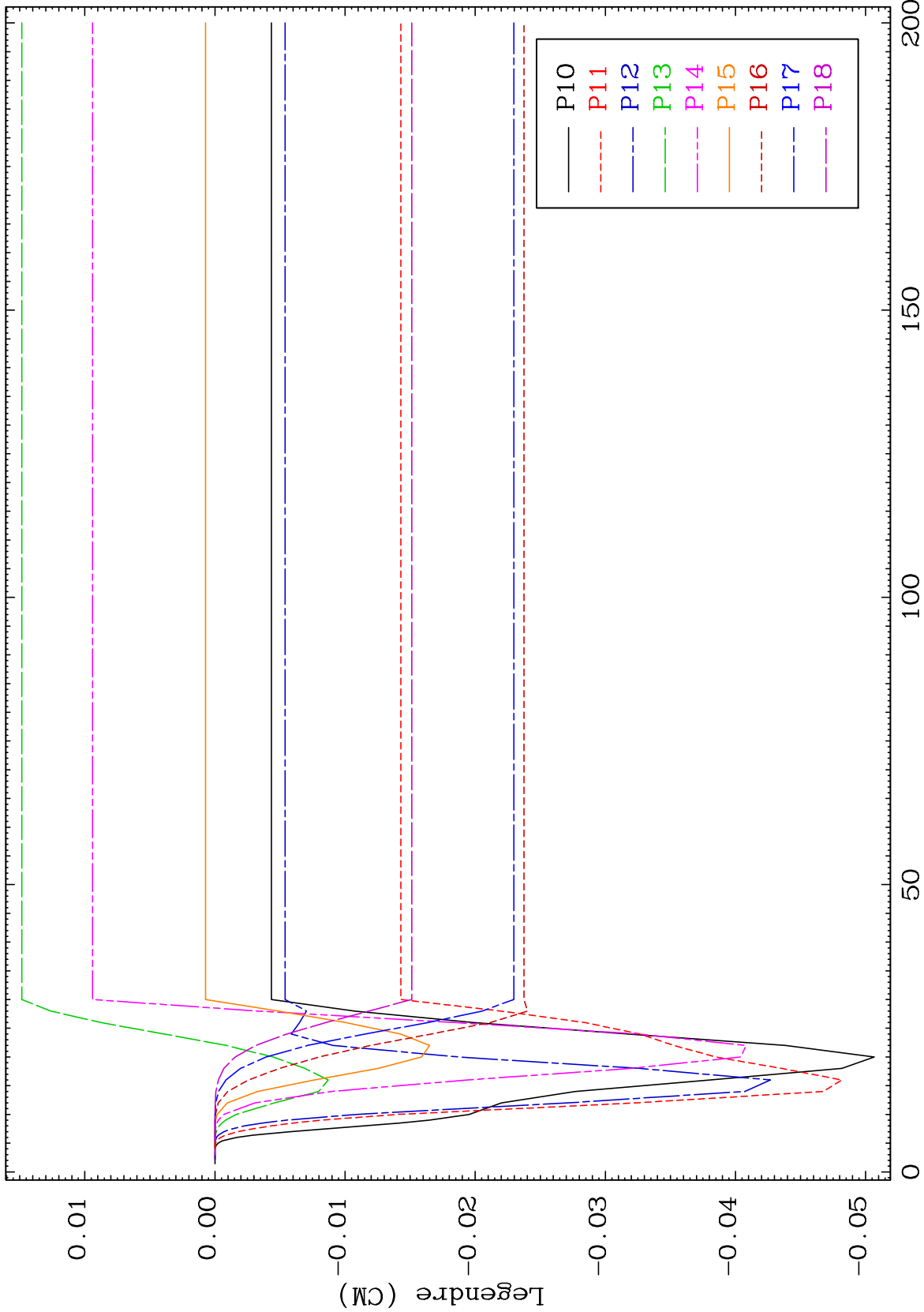


77

MAT 4452

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

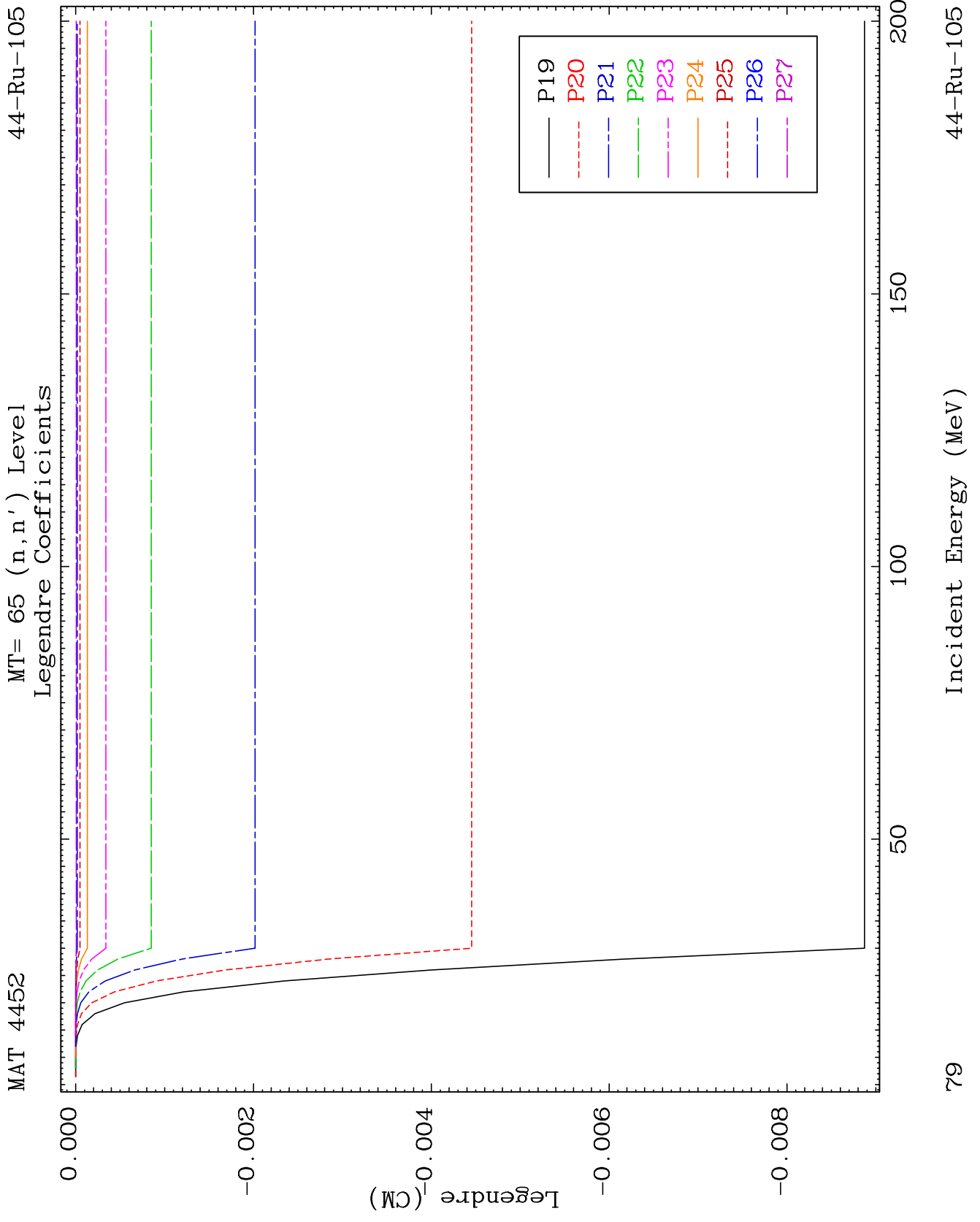
44-Ru-105

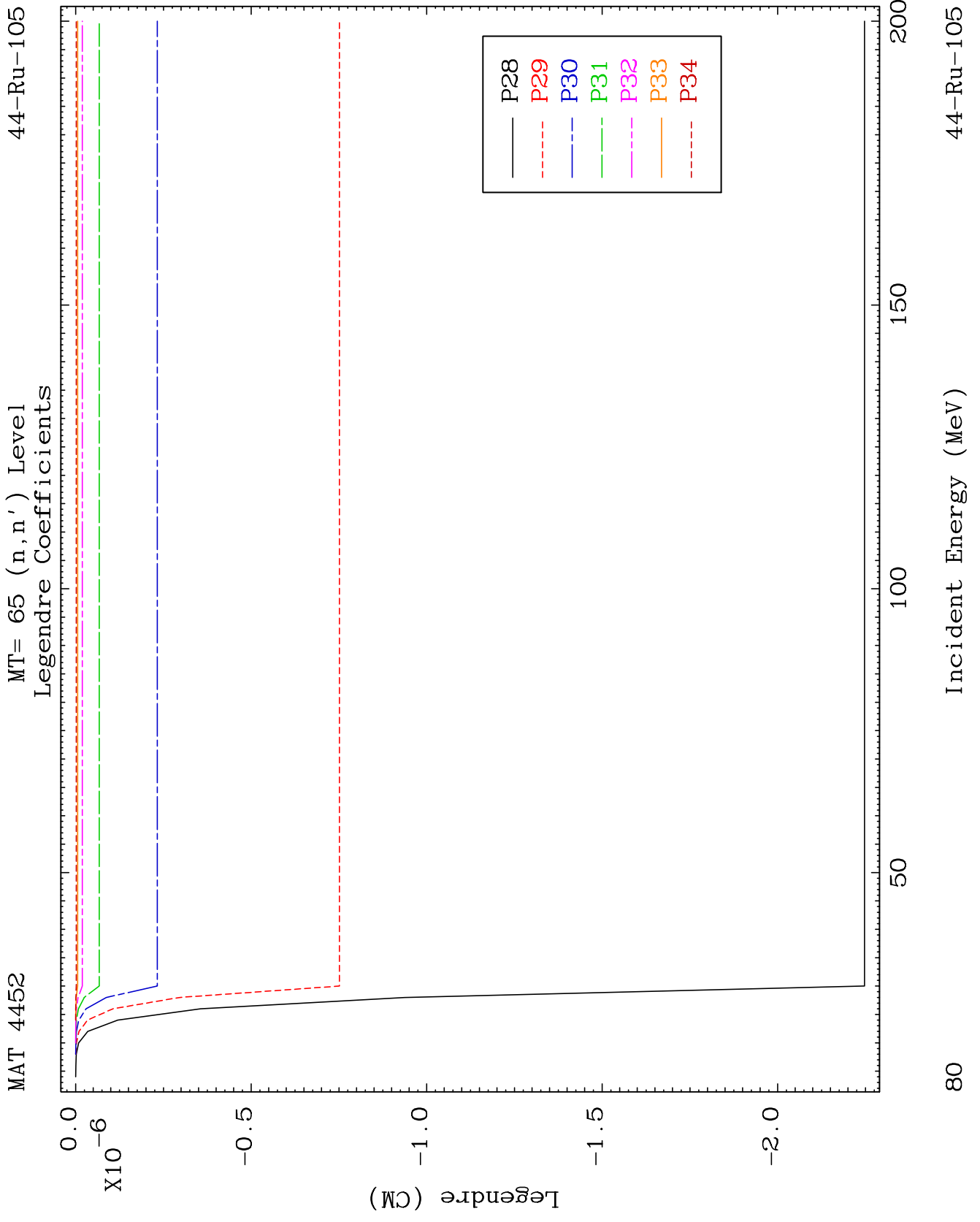


78

Incident Energy (MeV)

44-Ru-105

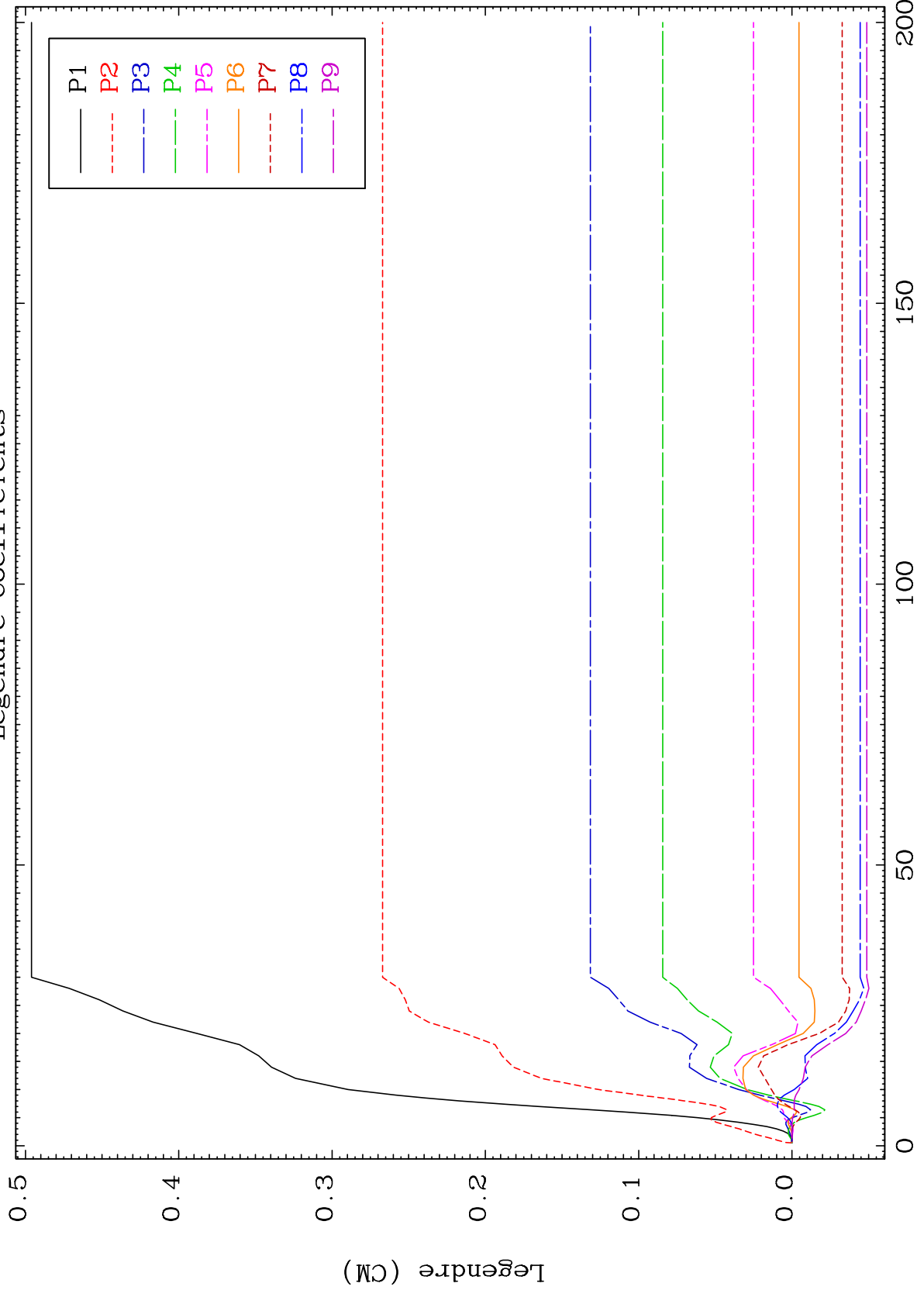




MAT 4452

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

44-Ru-105



81

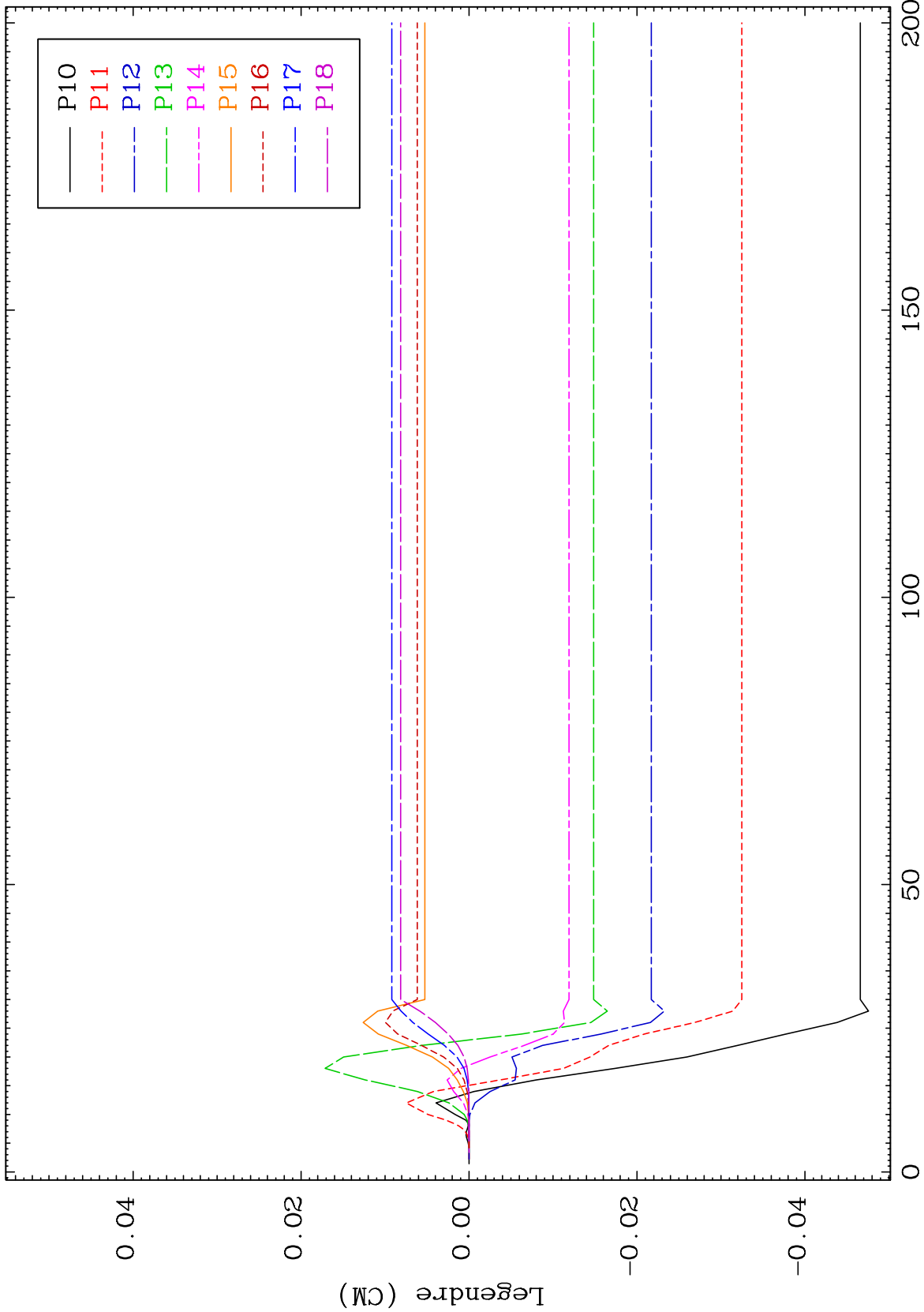
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



82

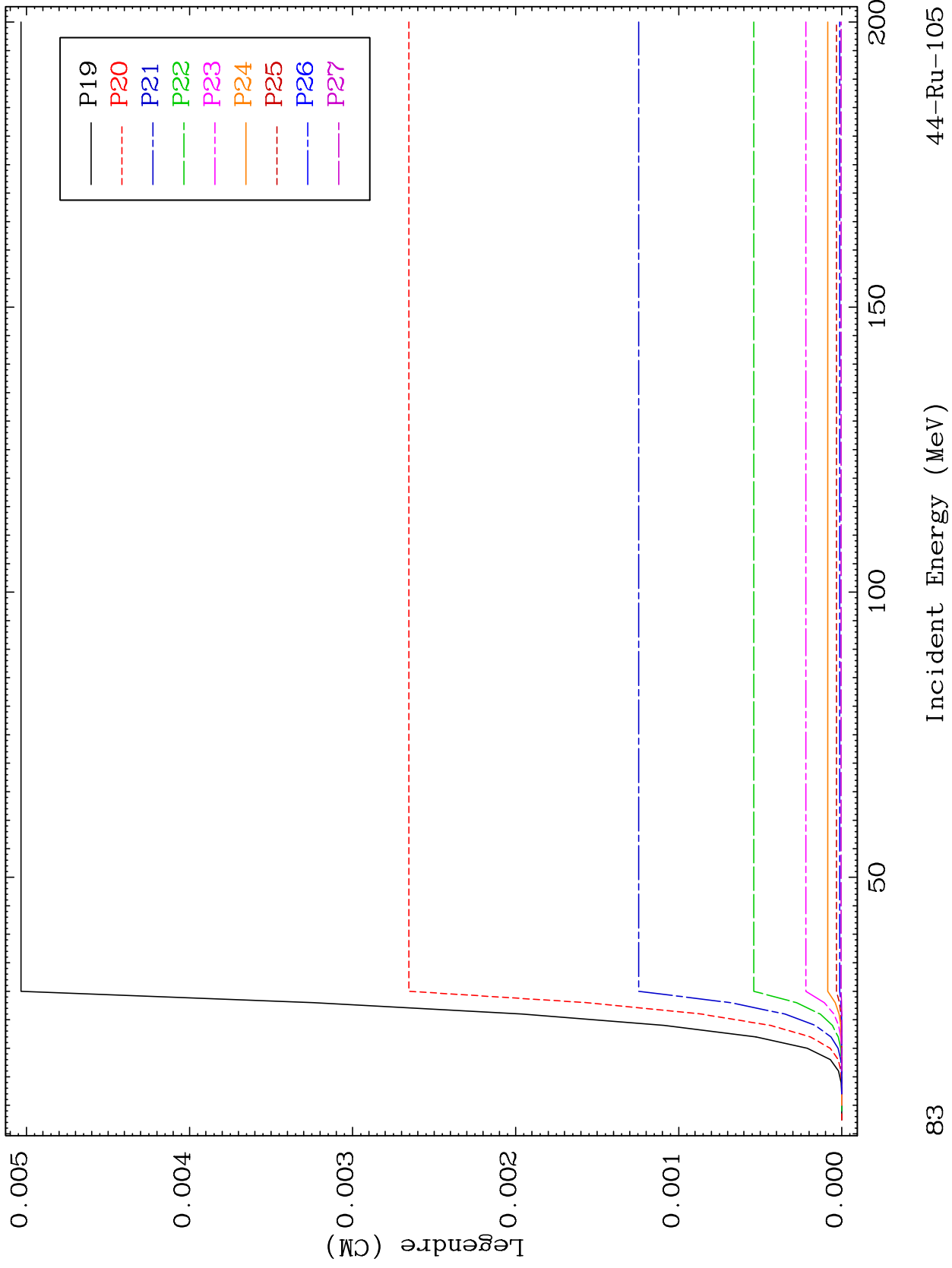
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

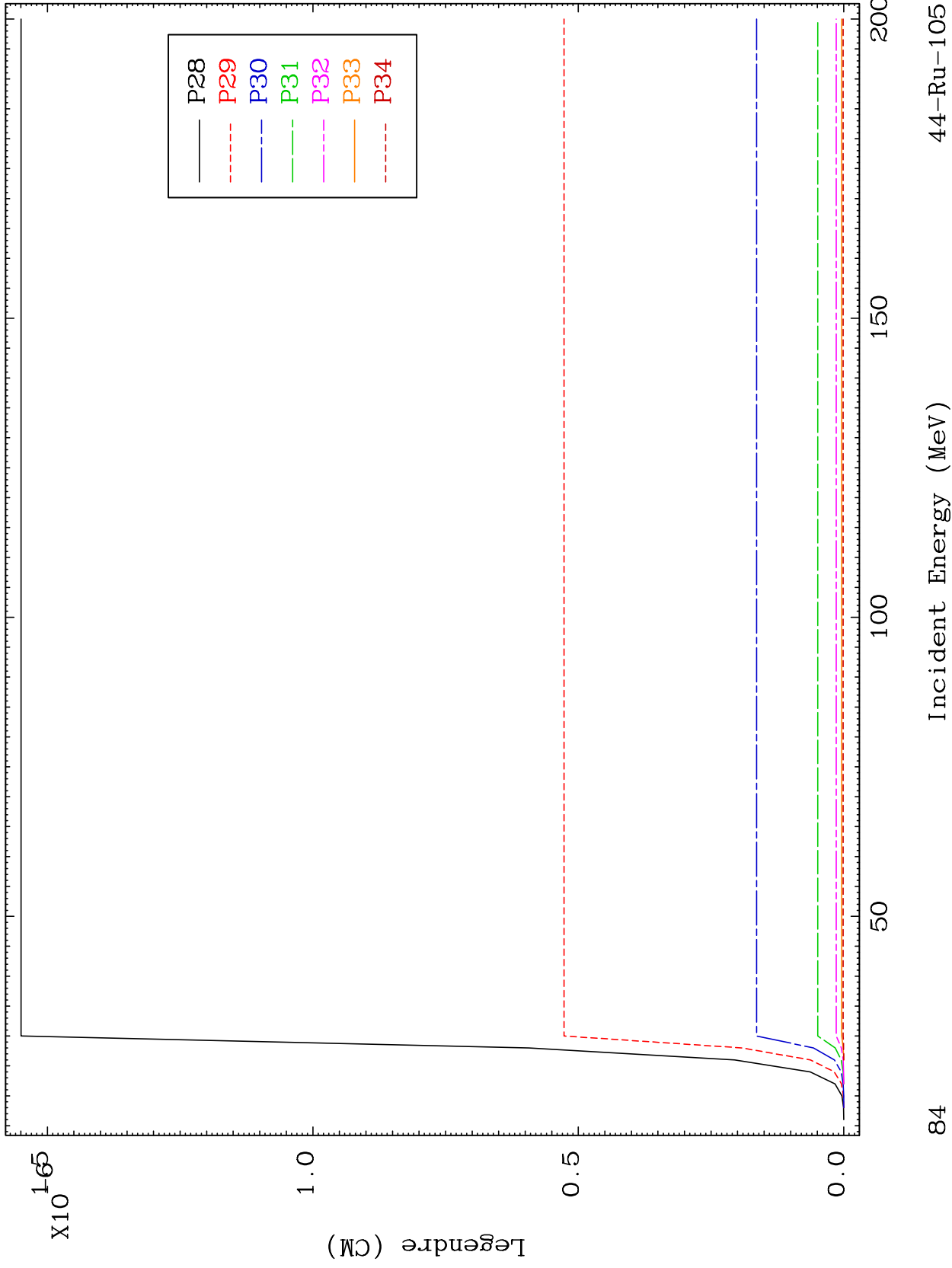


83

MAT 4452

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

44-Ru-105



84

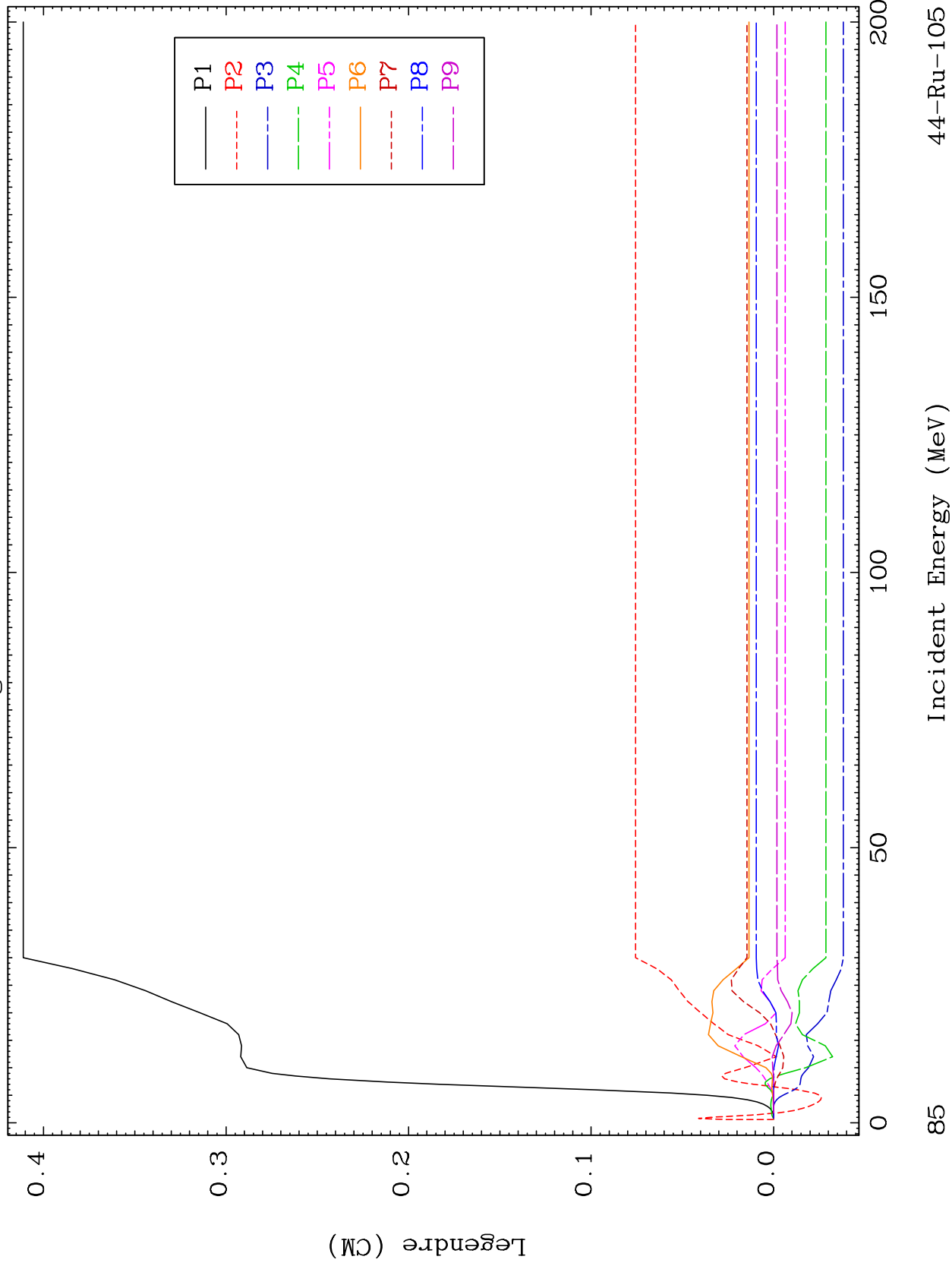
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

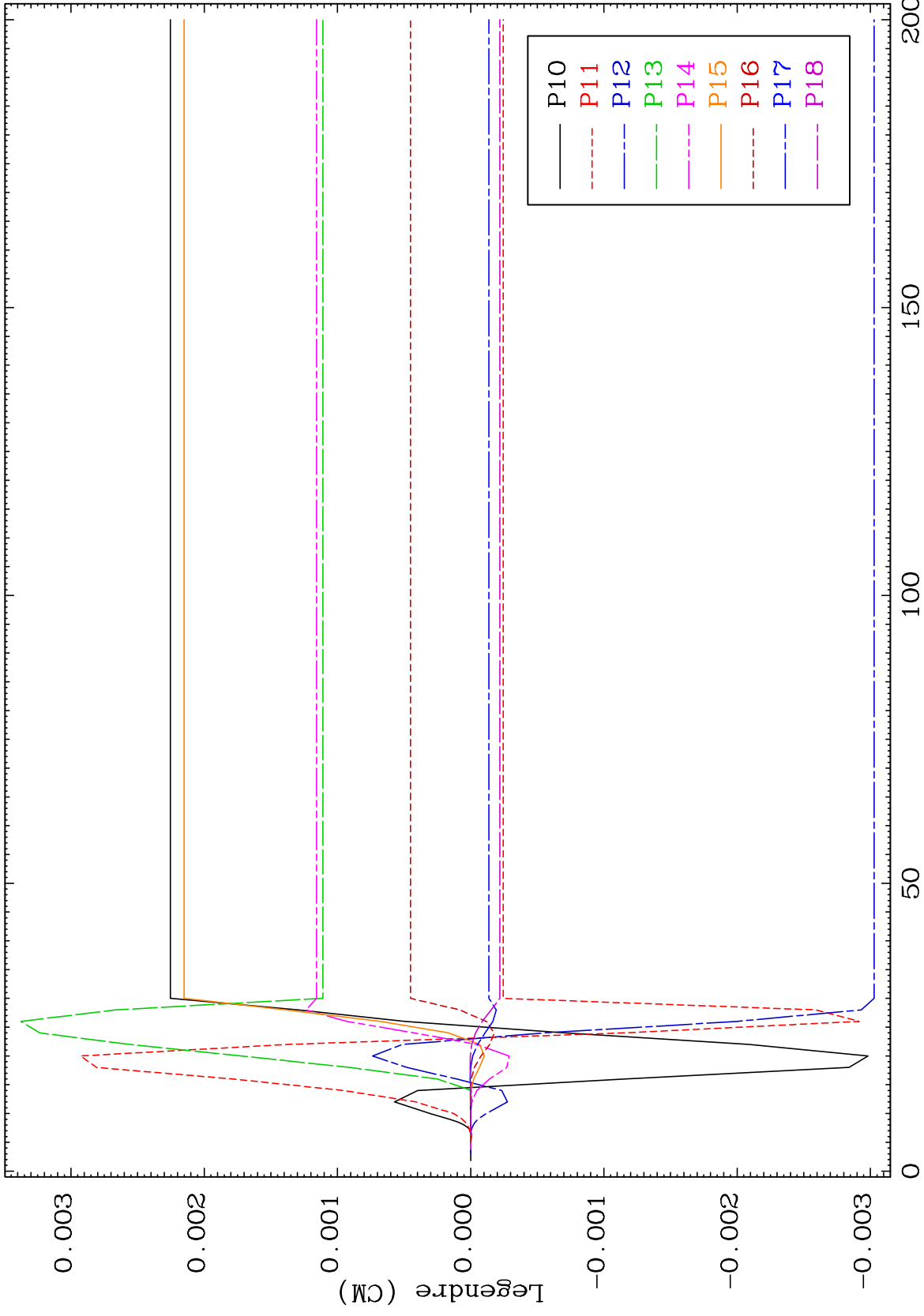
Incident Energy (MeV)

85

MAT 4452

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

44-Ru-105



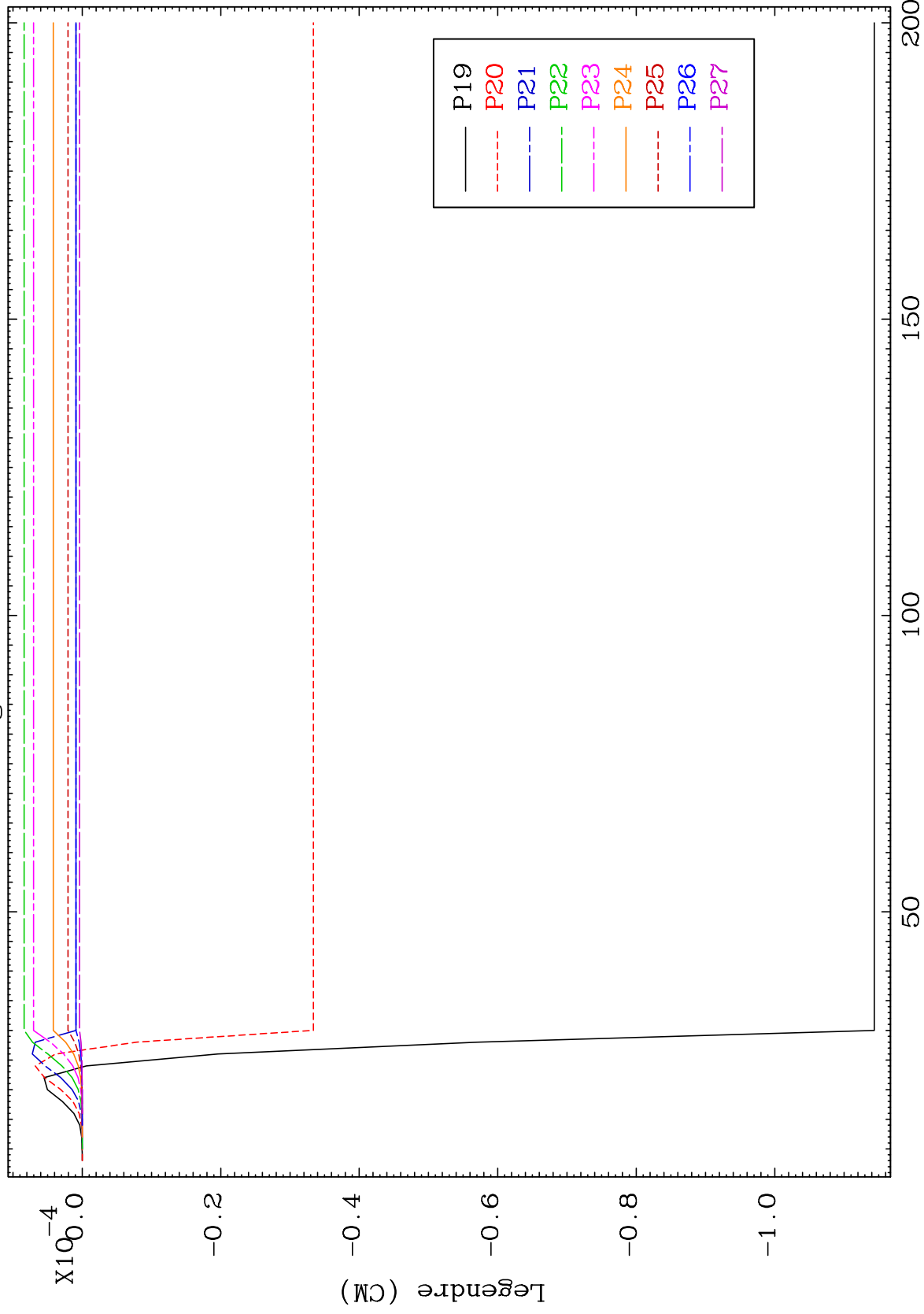
86

44-Ru-105

MAT 4452

44-Ru-105

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



87

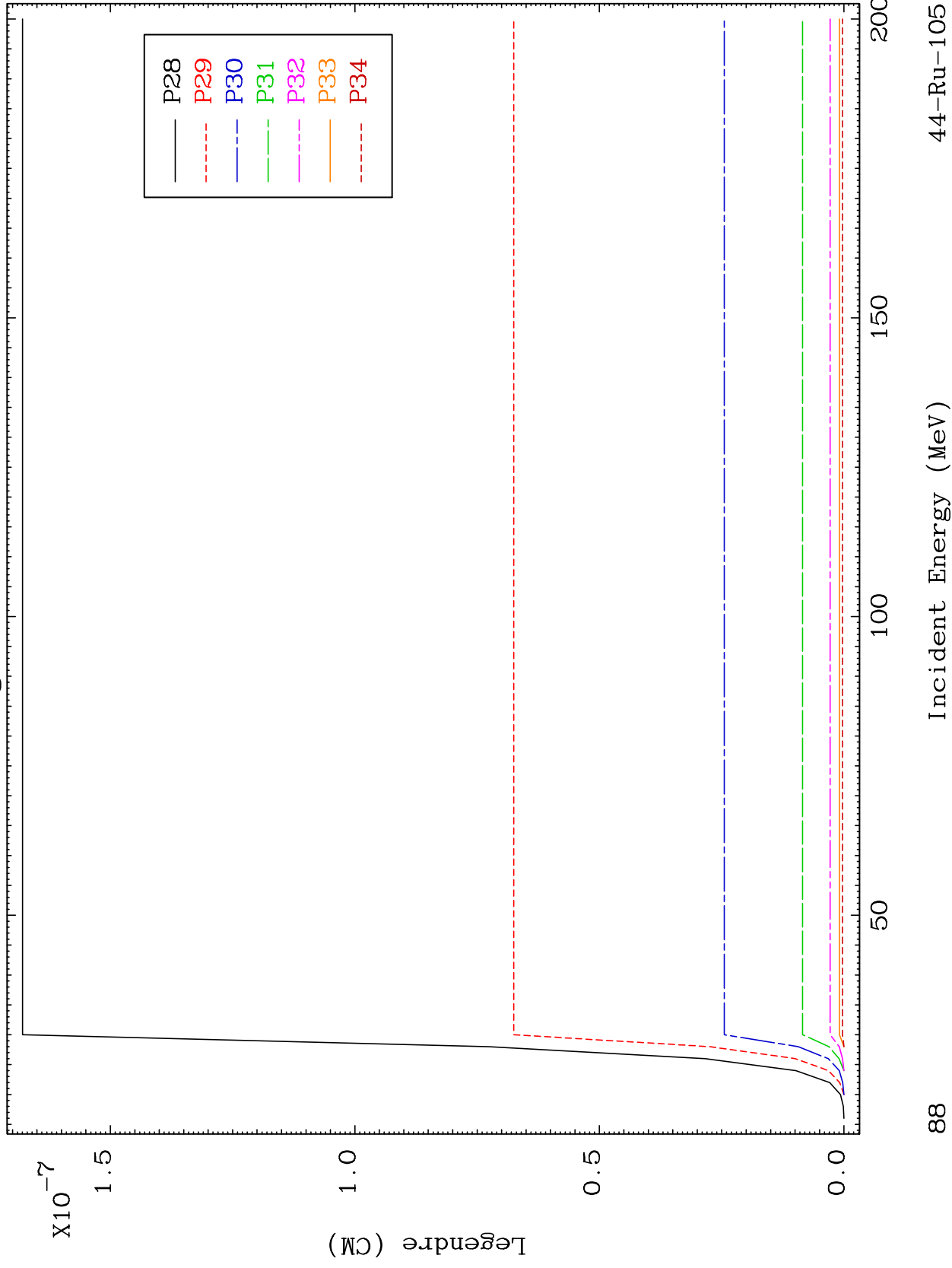
Incident Energy (MeV)

44-Ru-105

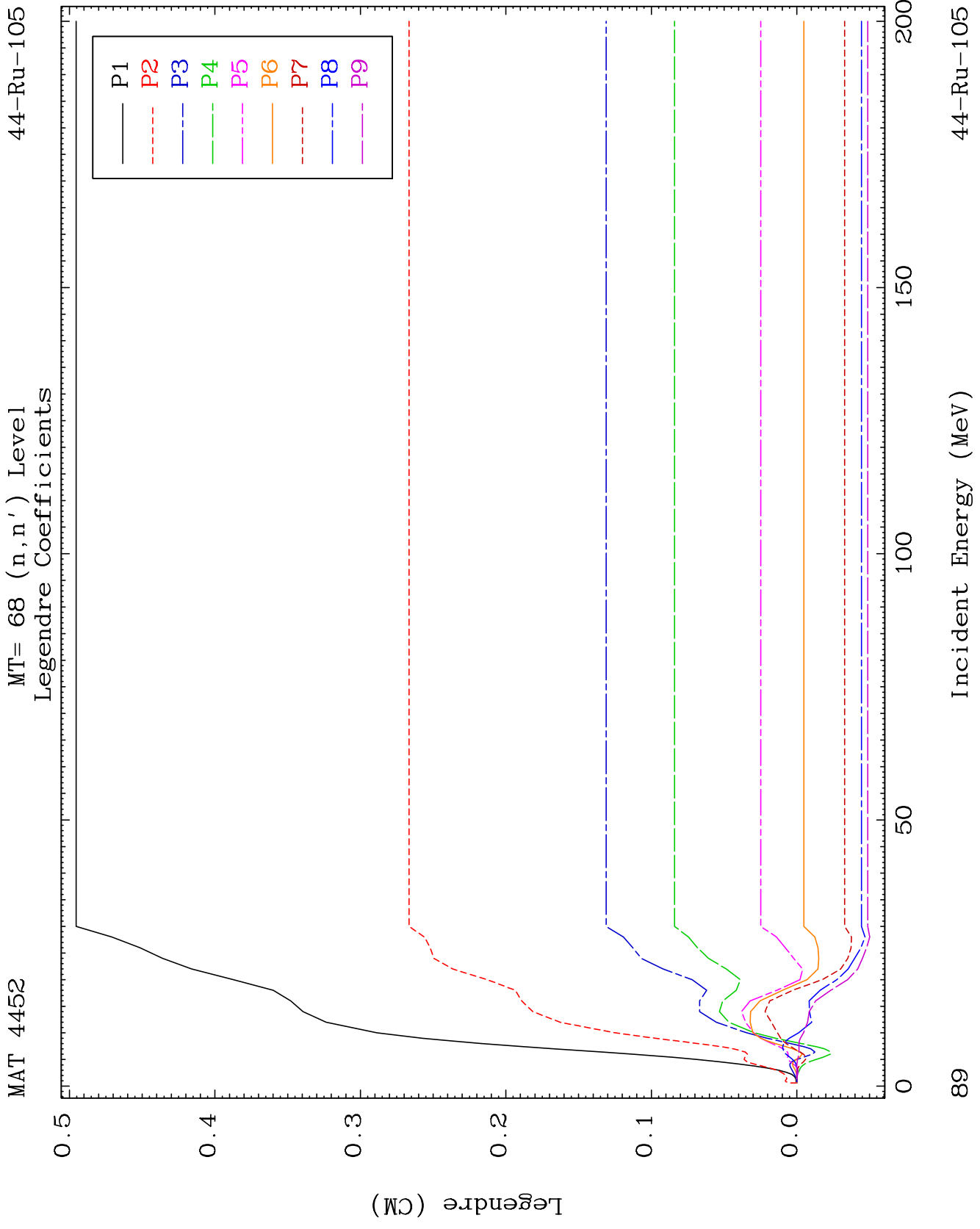
MAT 4452

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

44-Ru-105



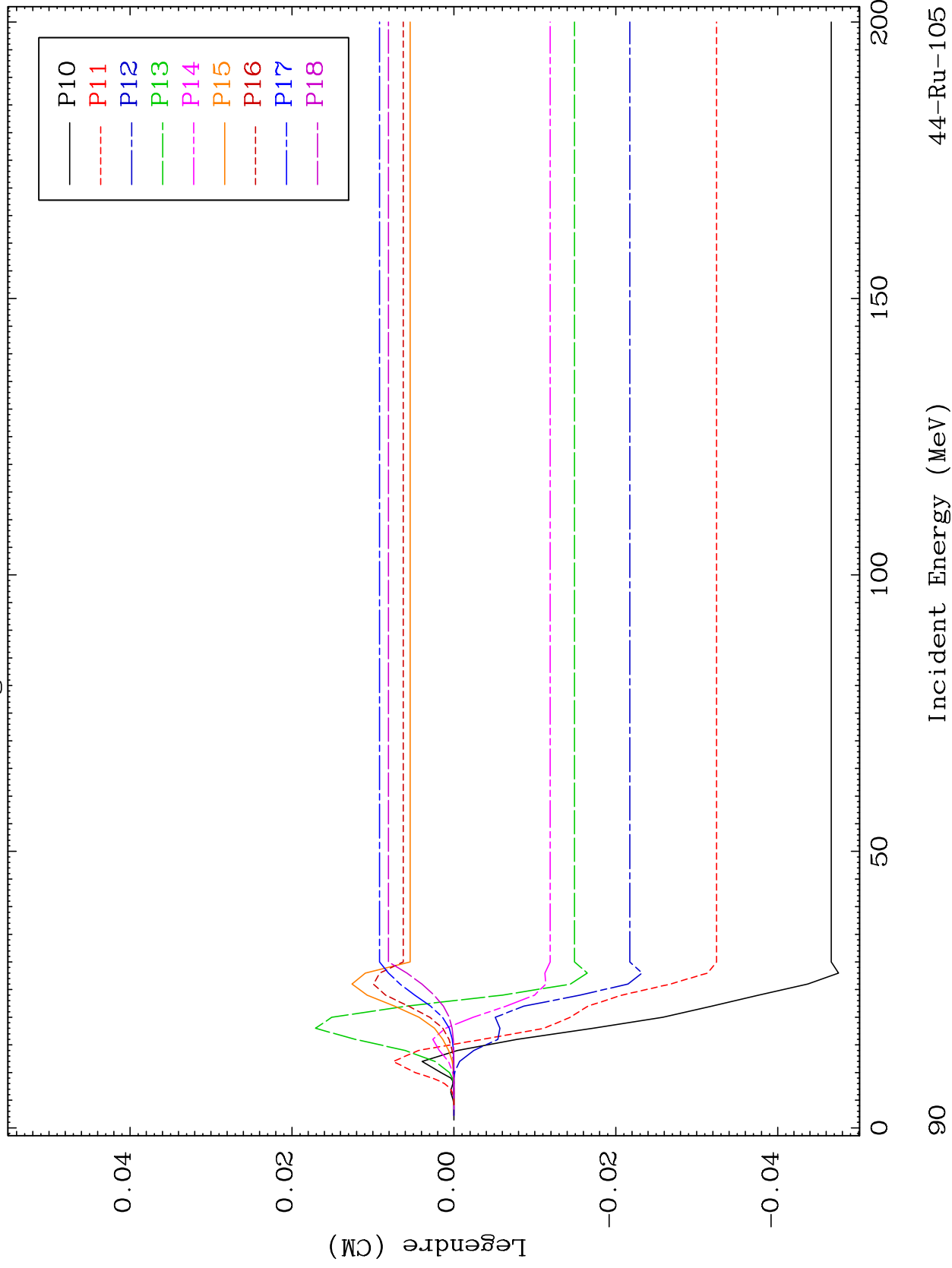
88



MAT 4452

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

44-Ru-105



44-Ru-105

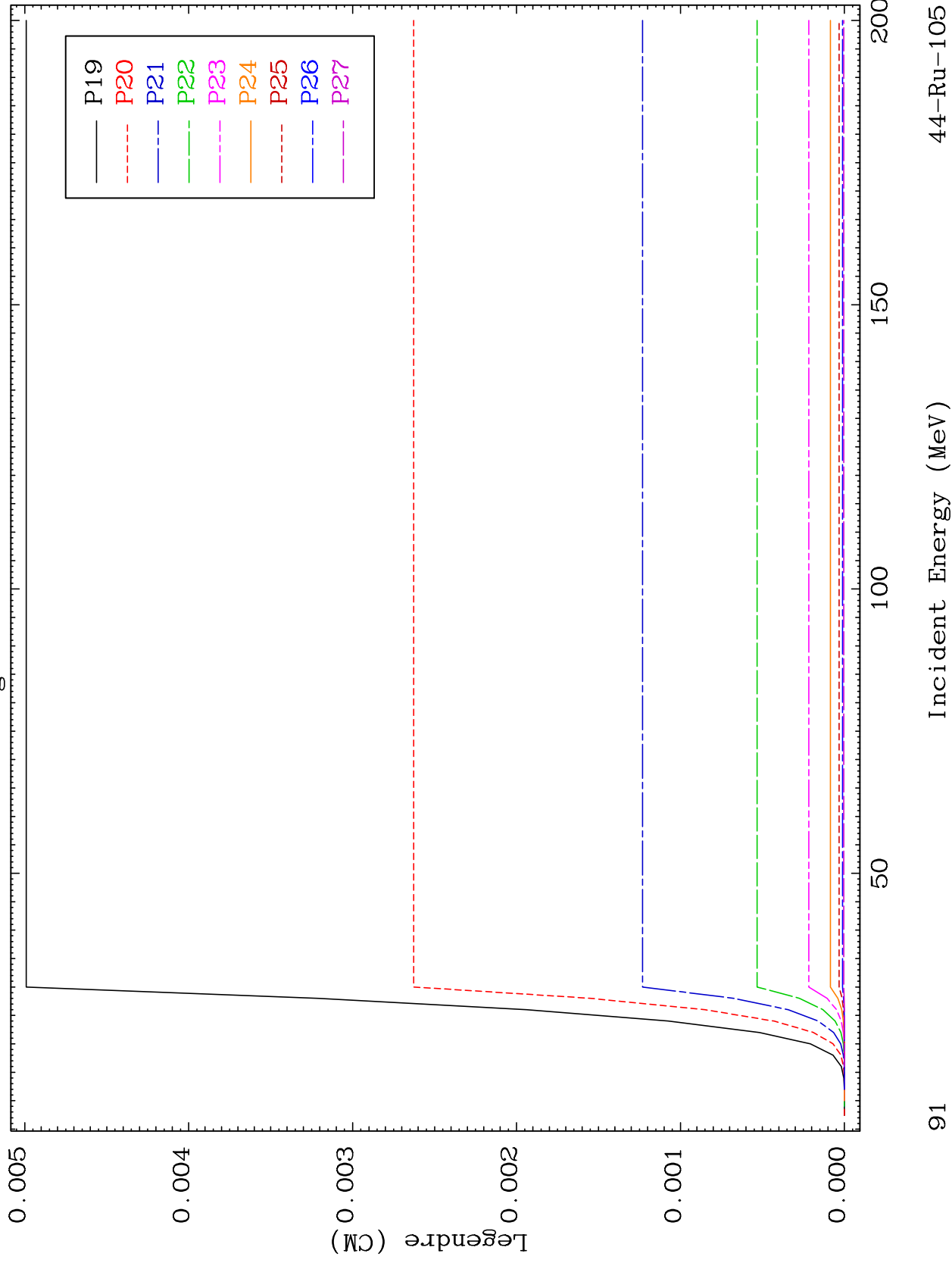
Incident Energy (MeV)

90

MAT 4452

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

44-Ru-105



91

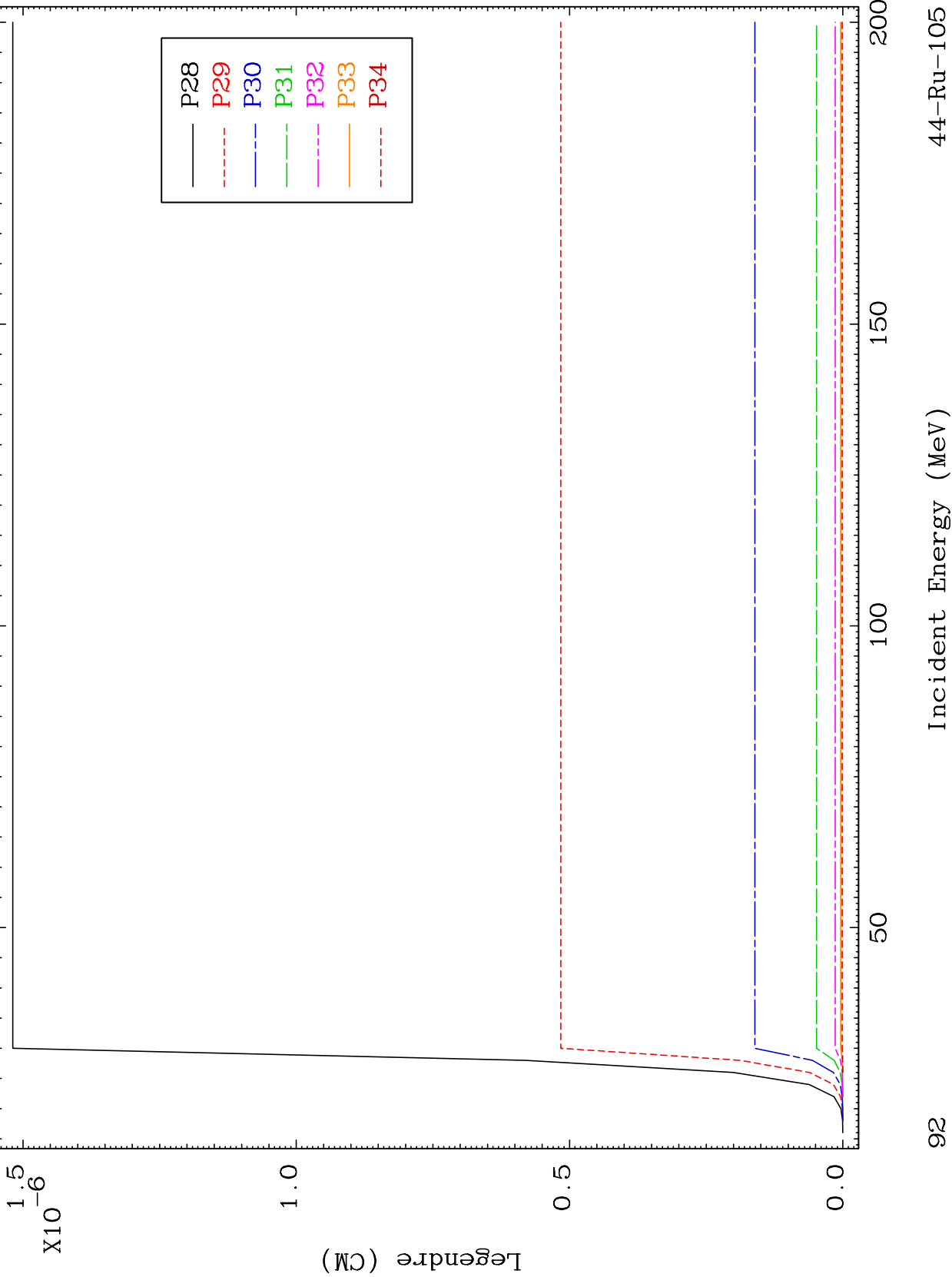
Incident Energy (MeV)

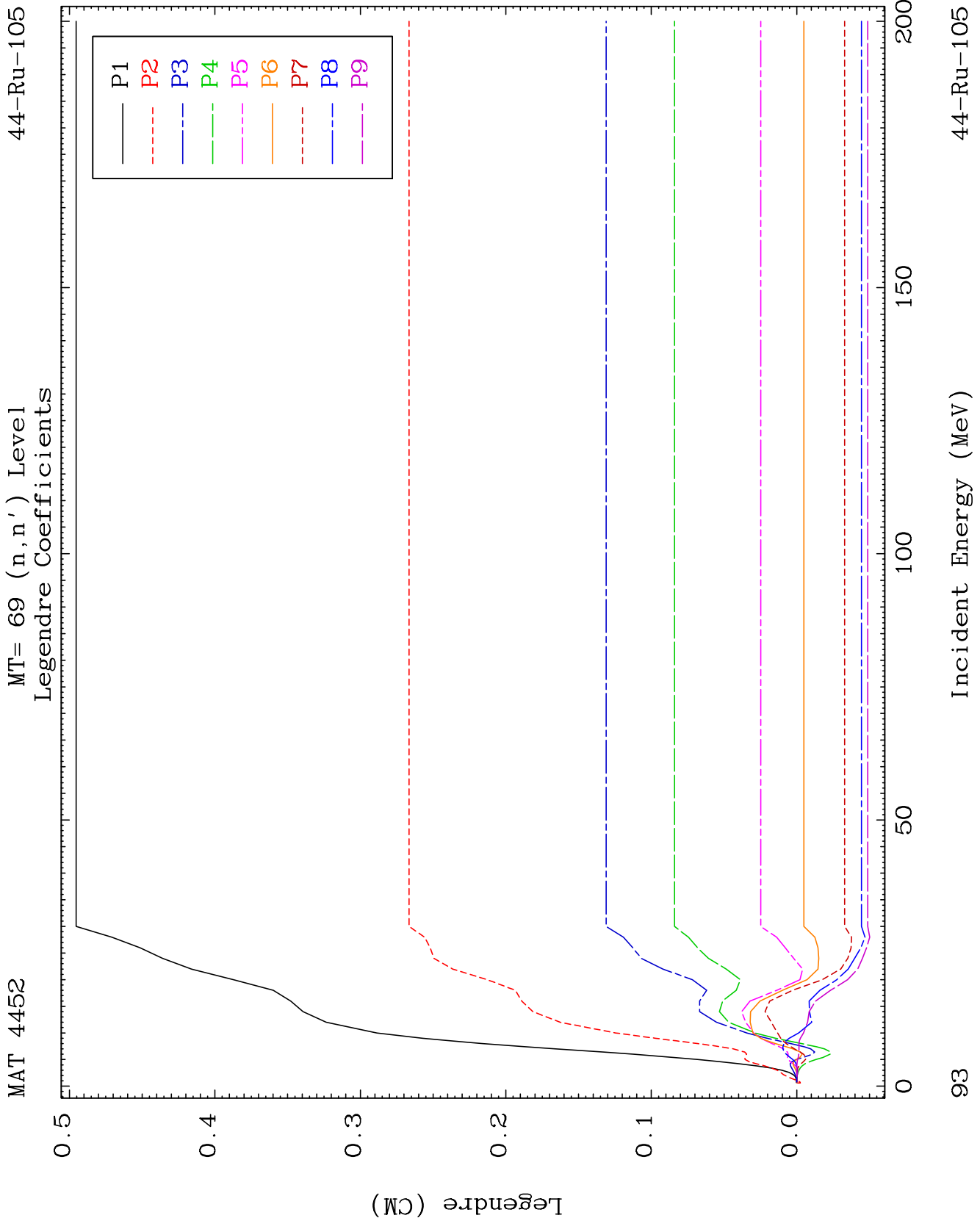
44-Ru-105

MAT 4452

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

44-Ru-105

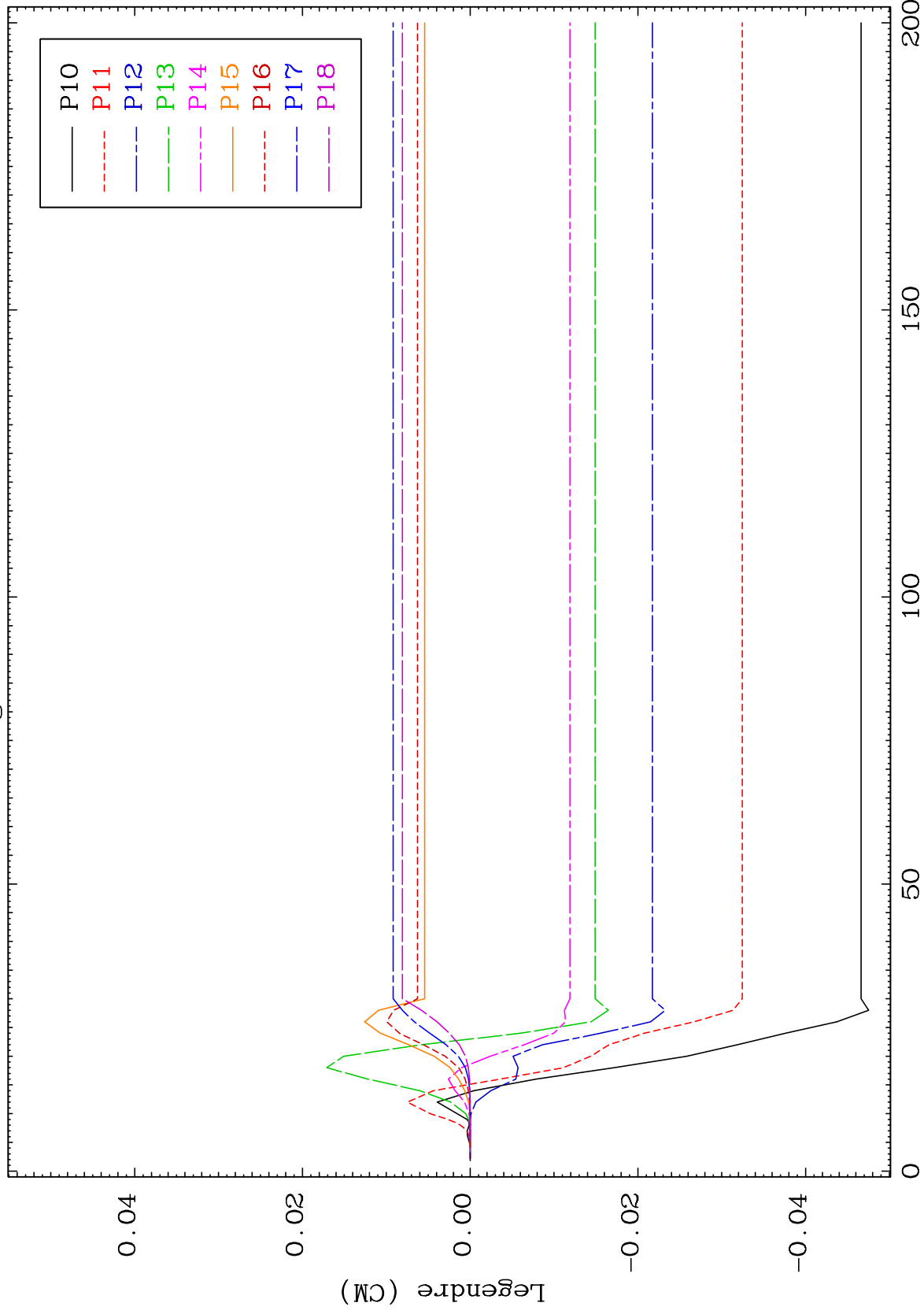




MAT 4452

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

44-Ru-105



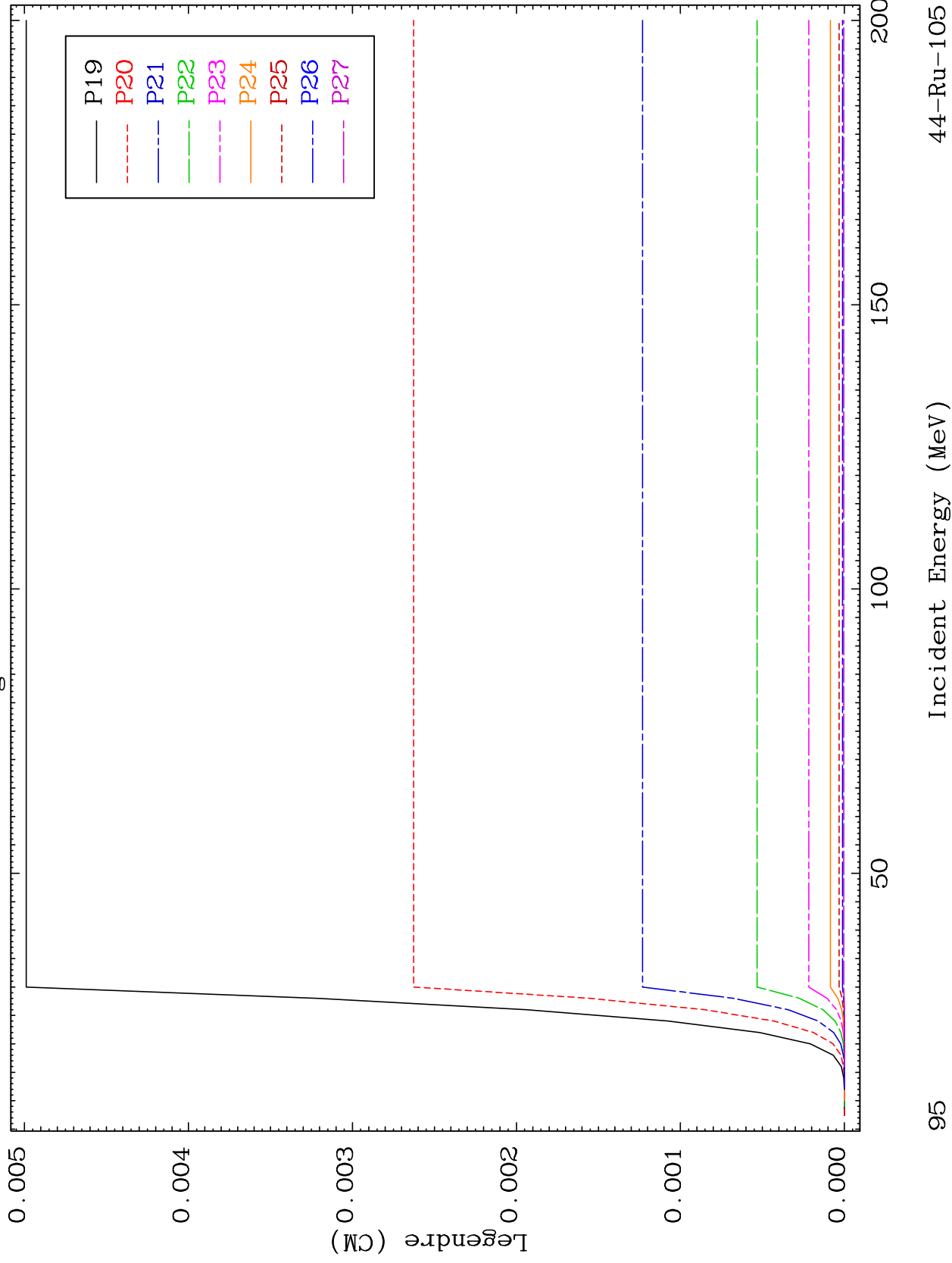
94

44-Ru-105

MAT 4452

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

44-Ru-105



95

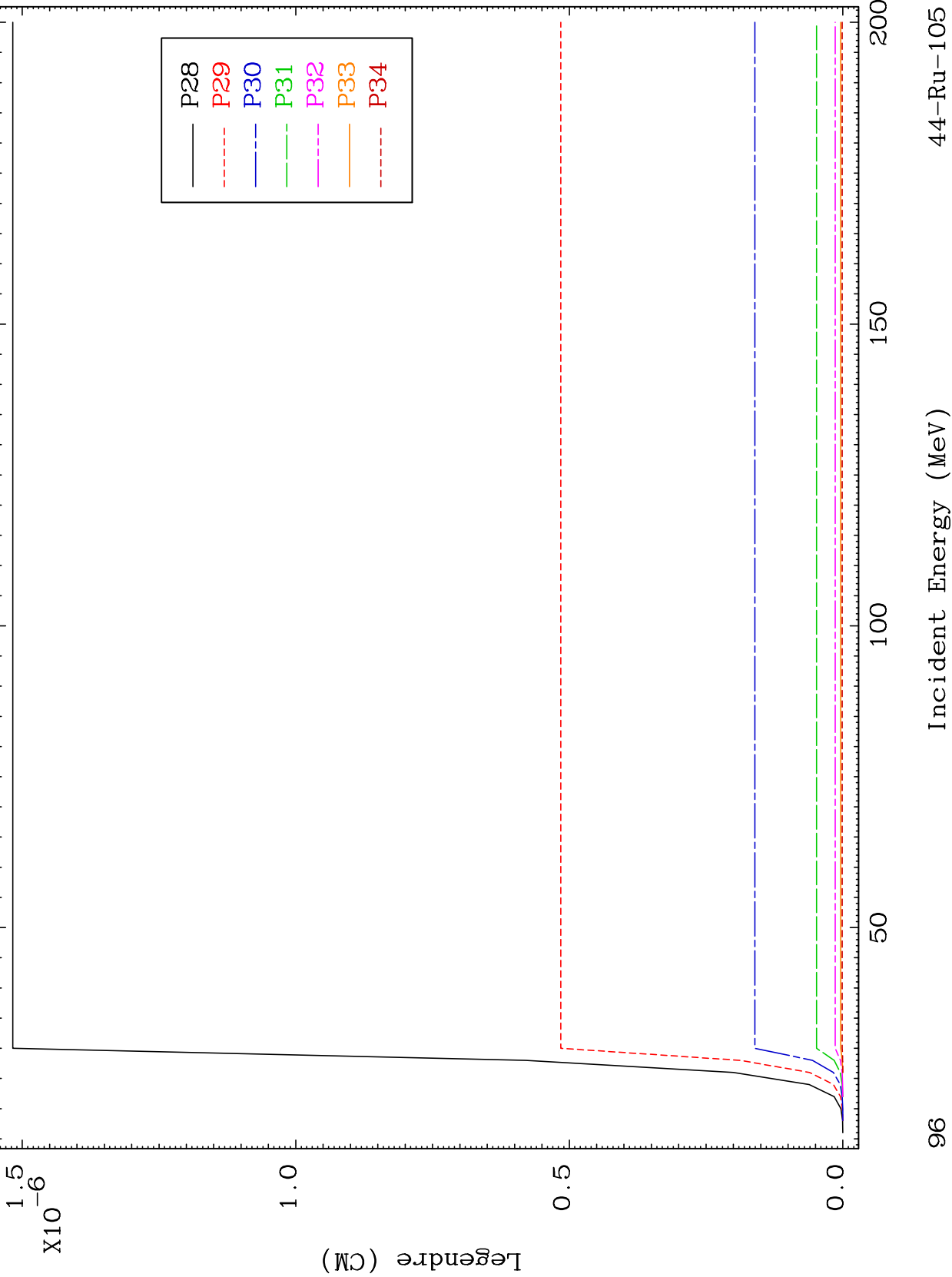
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



96

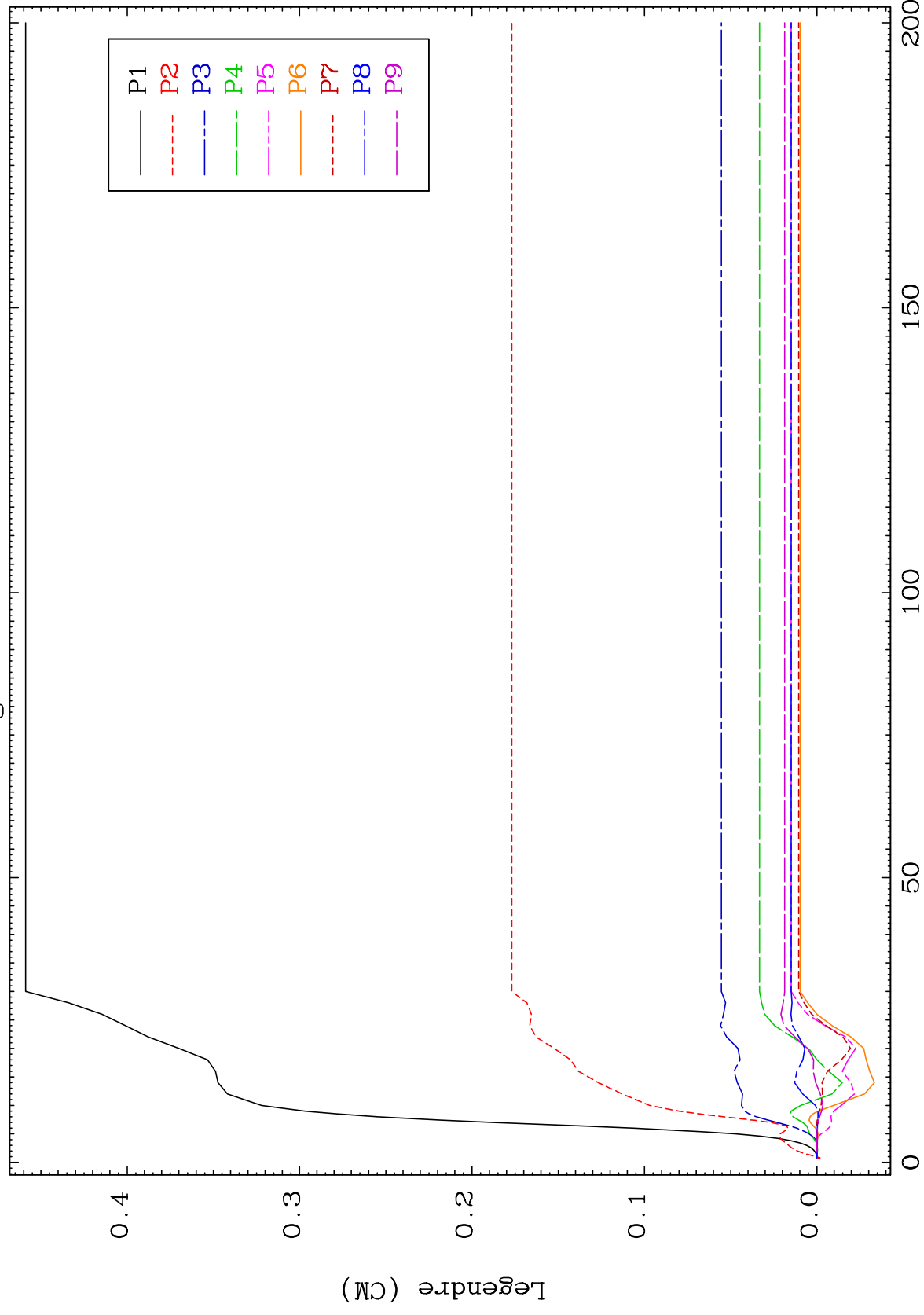
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



97

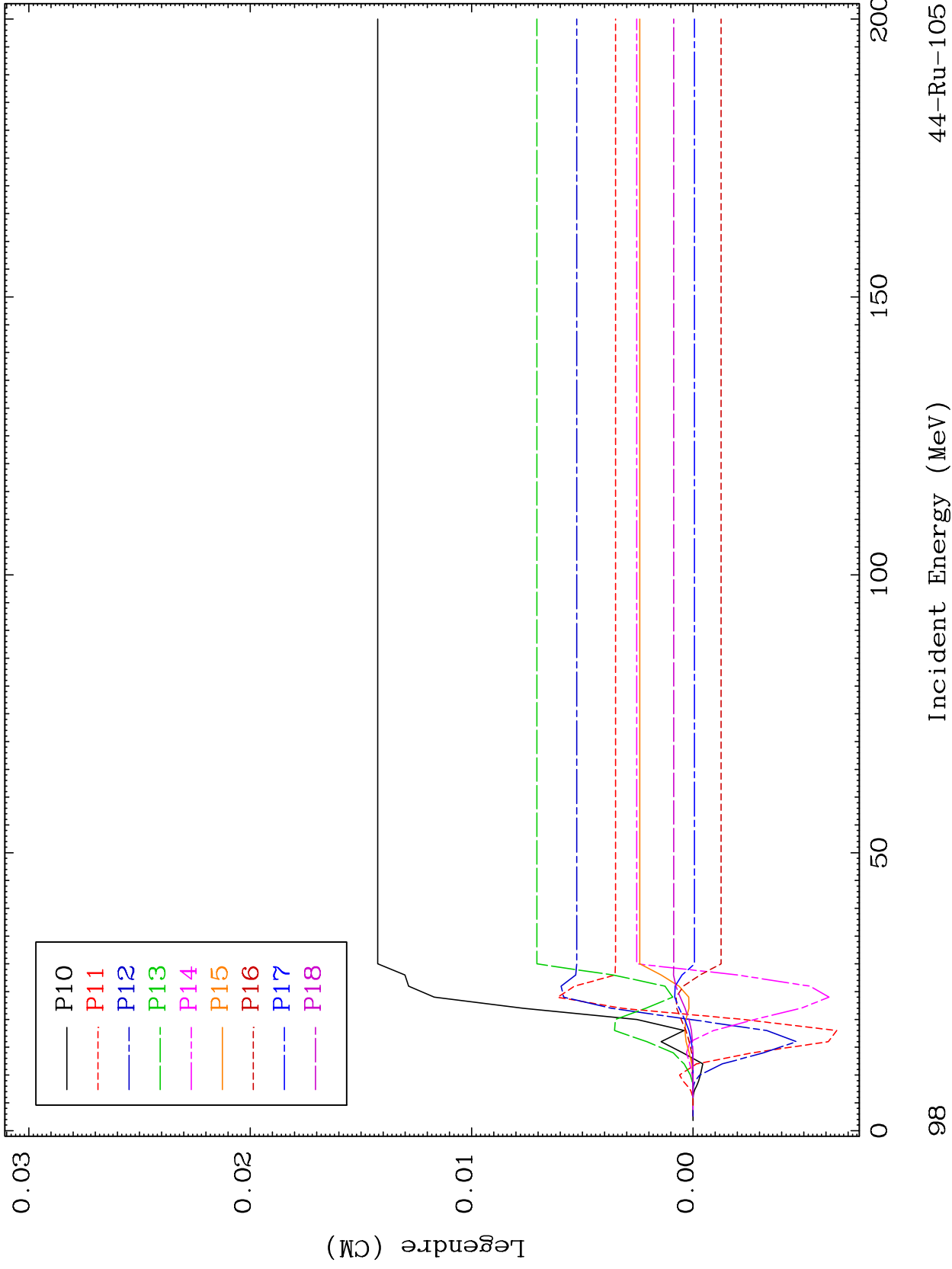
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

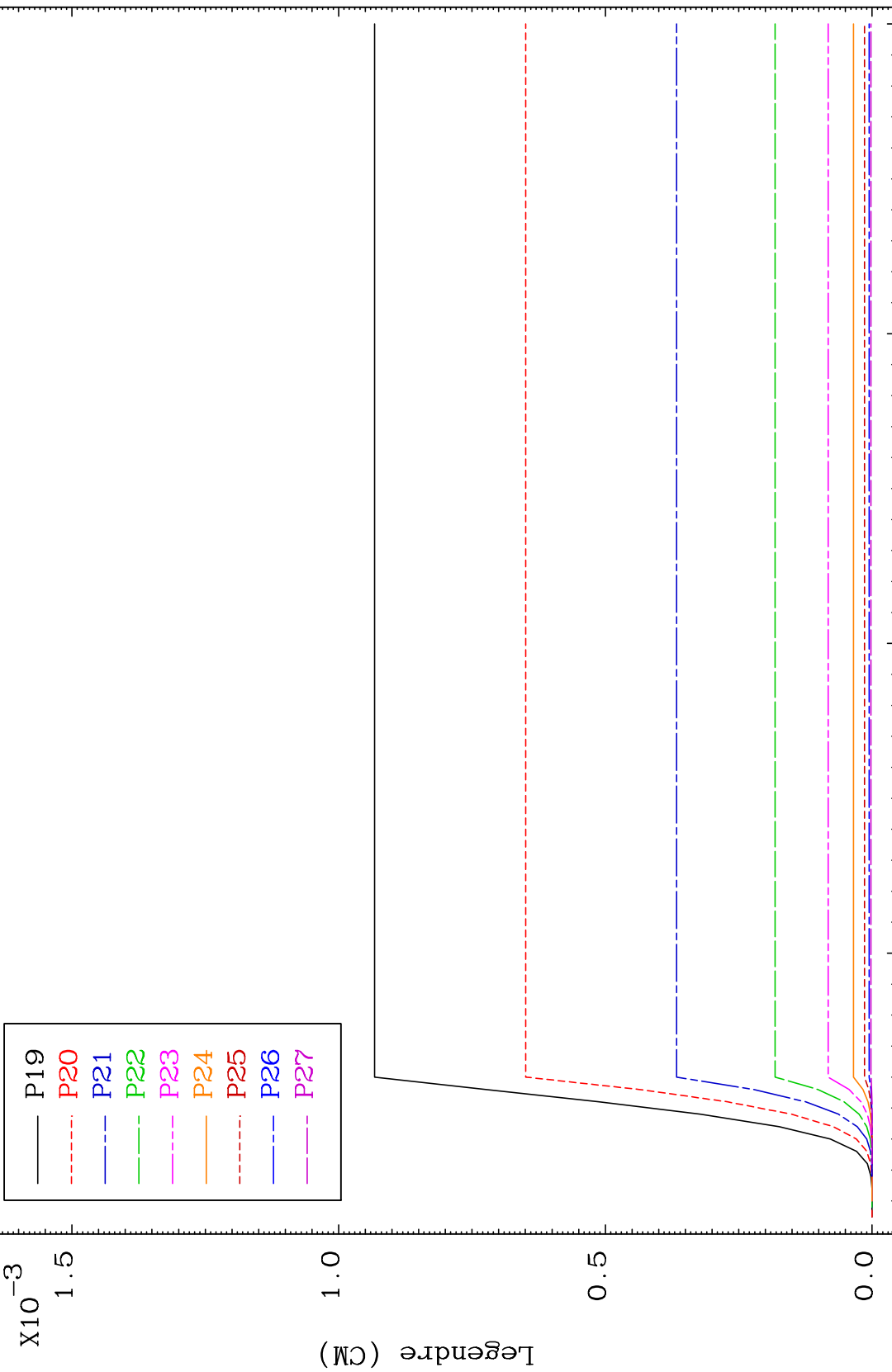
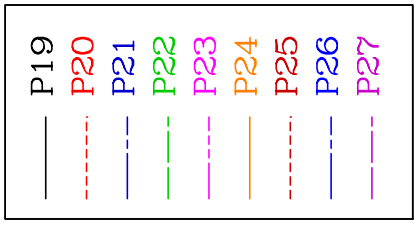
Incident Energy (MeV)

98

MAT 4452

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

44-Ru-105



99

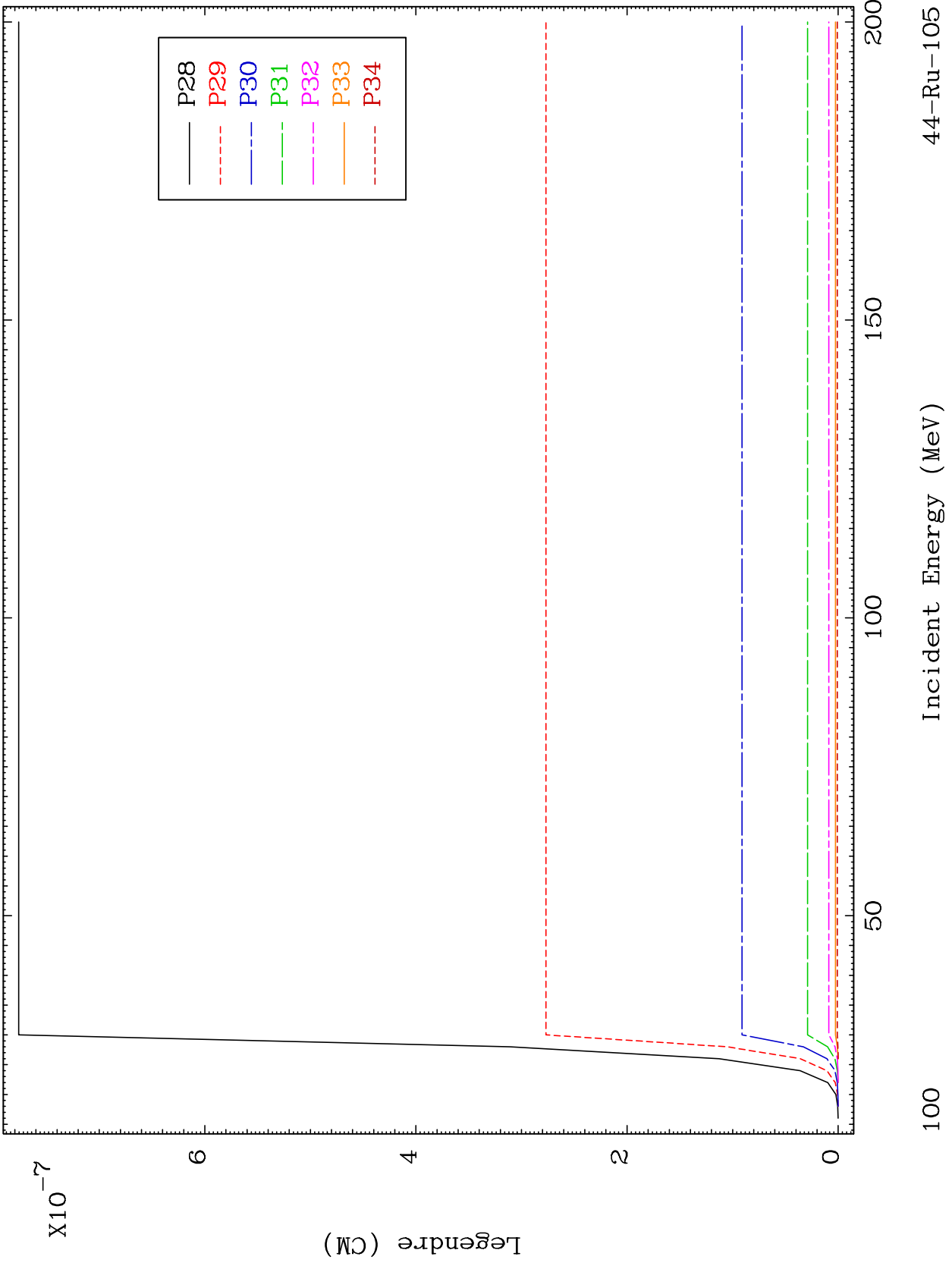
Incident Energy (MeV)

44-Ru-105

MAT 4452

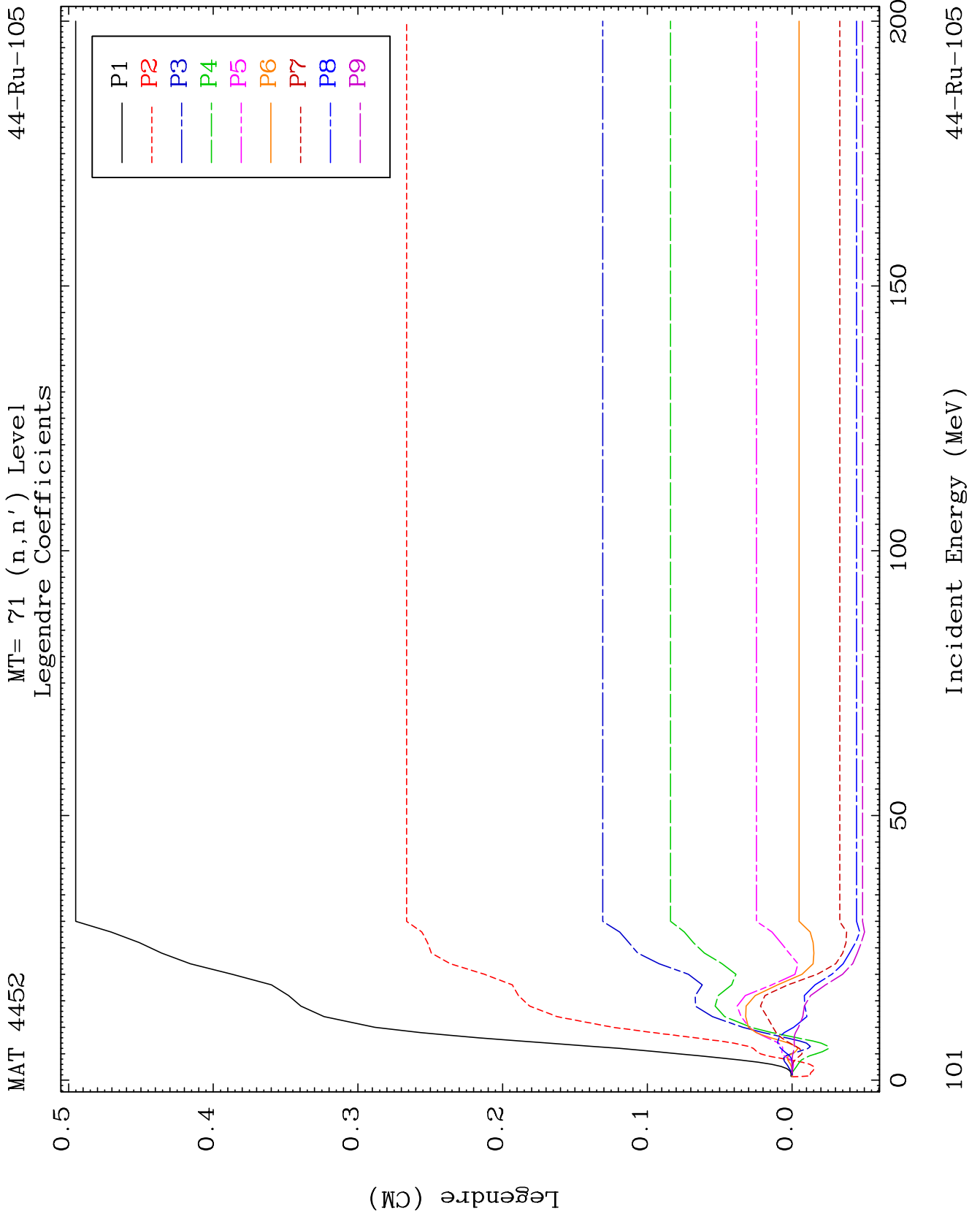
MT= 70 (n,n') Level
Legendre Coefficients

44-Ru-105



44-Ru-105

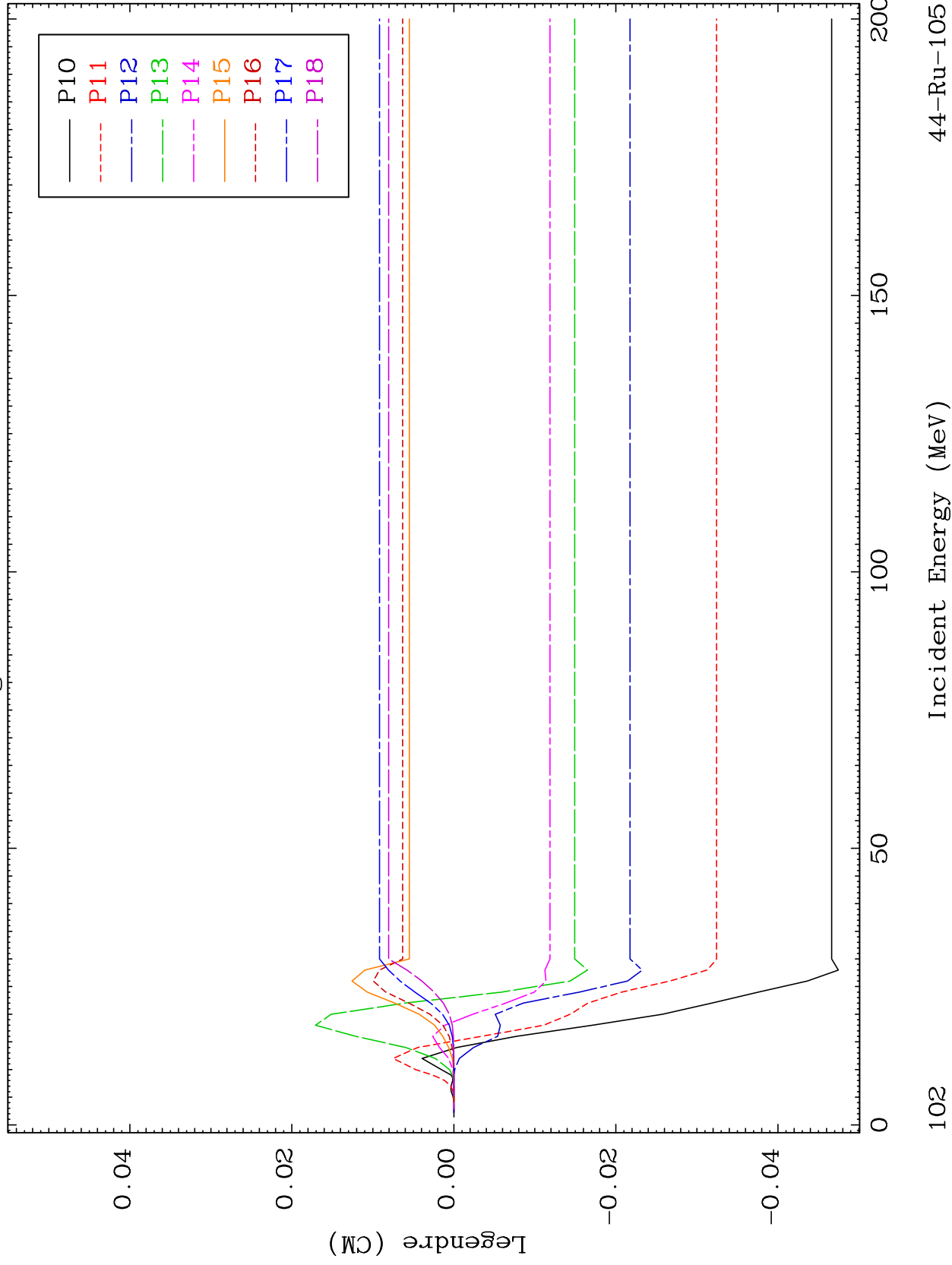
Incident Energy (MeV)



MAT 4452

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

44-Ru-105



102

Incident Energy (MeV)

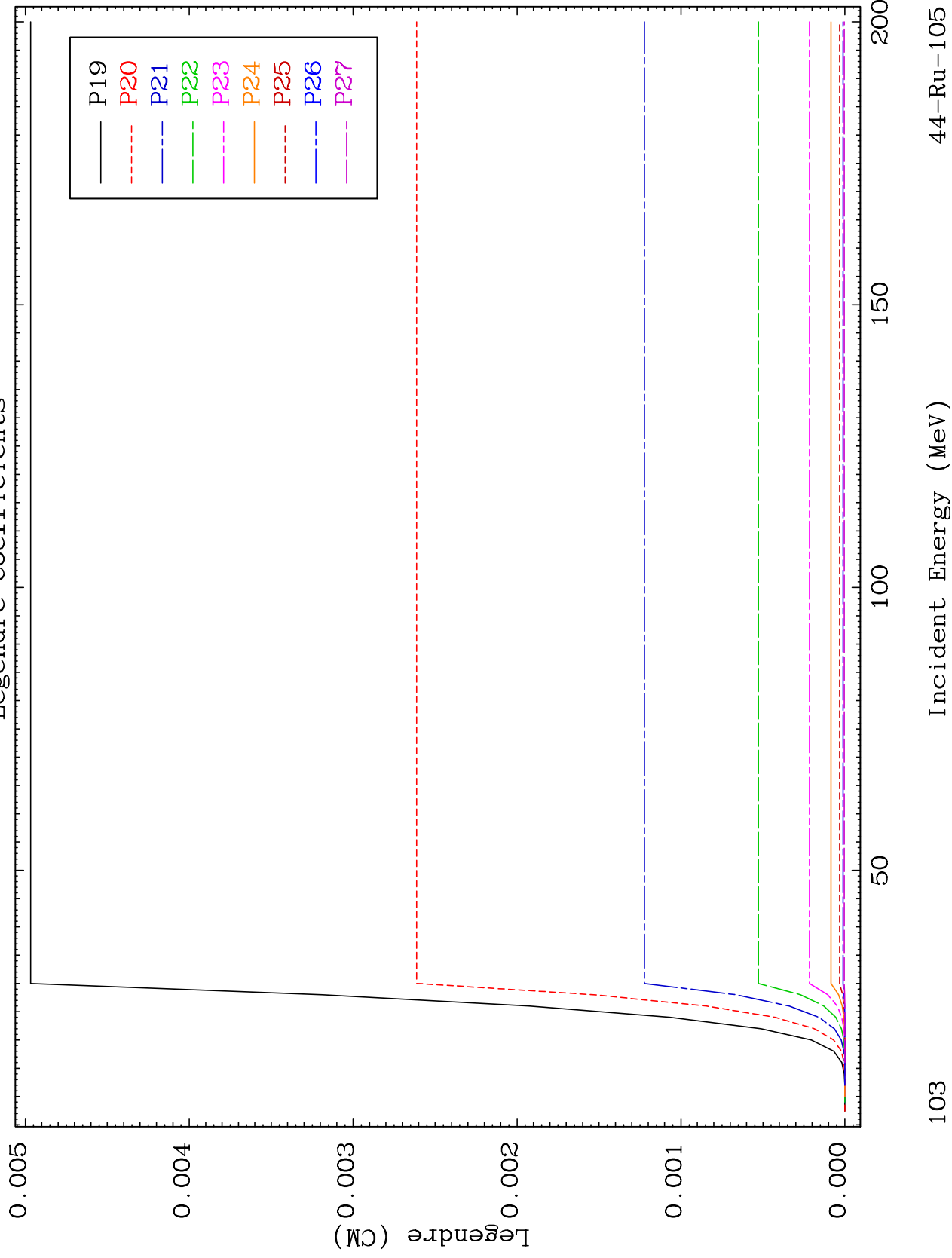
44-Ru-105

MAT 4452

MT= 71 (n,n') Level

44-Ru-105

Legendre Coefficients



103

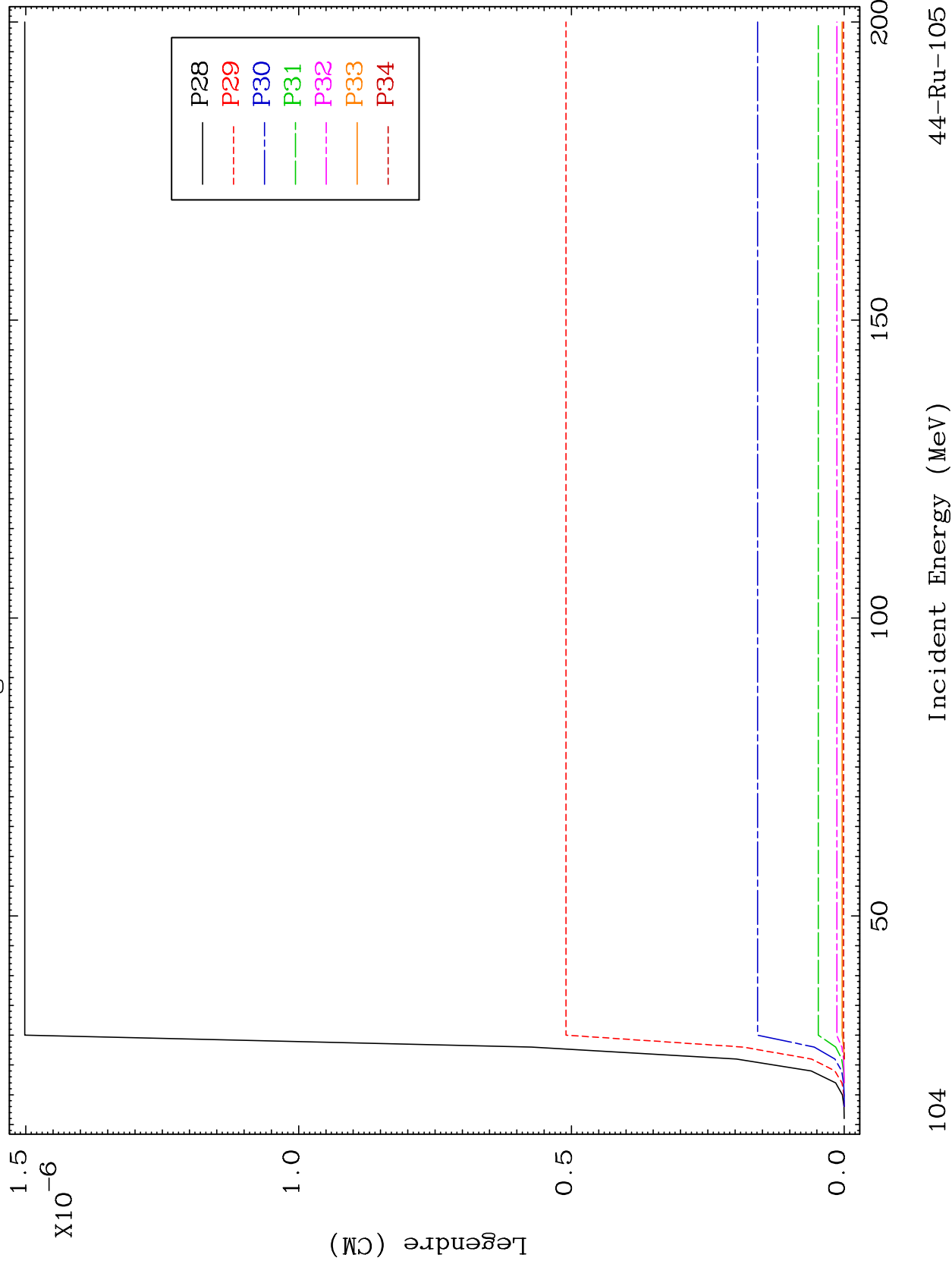
Incident Energy (MeV)

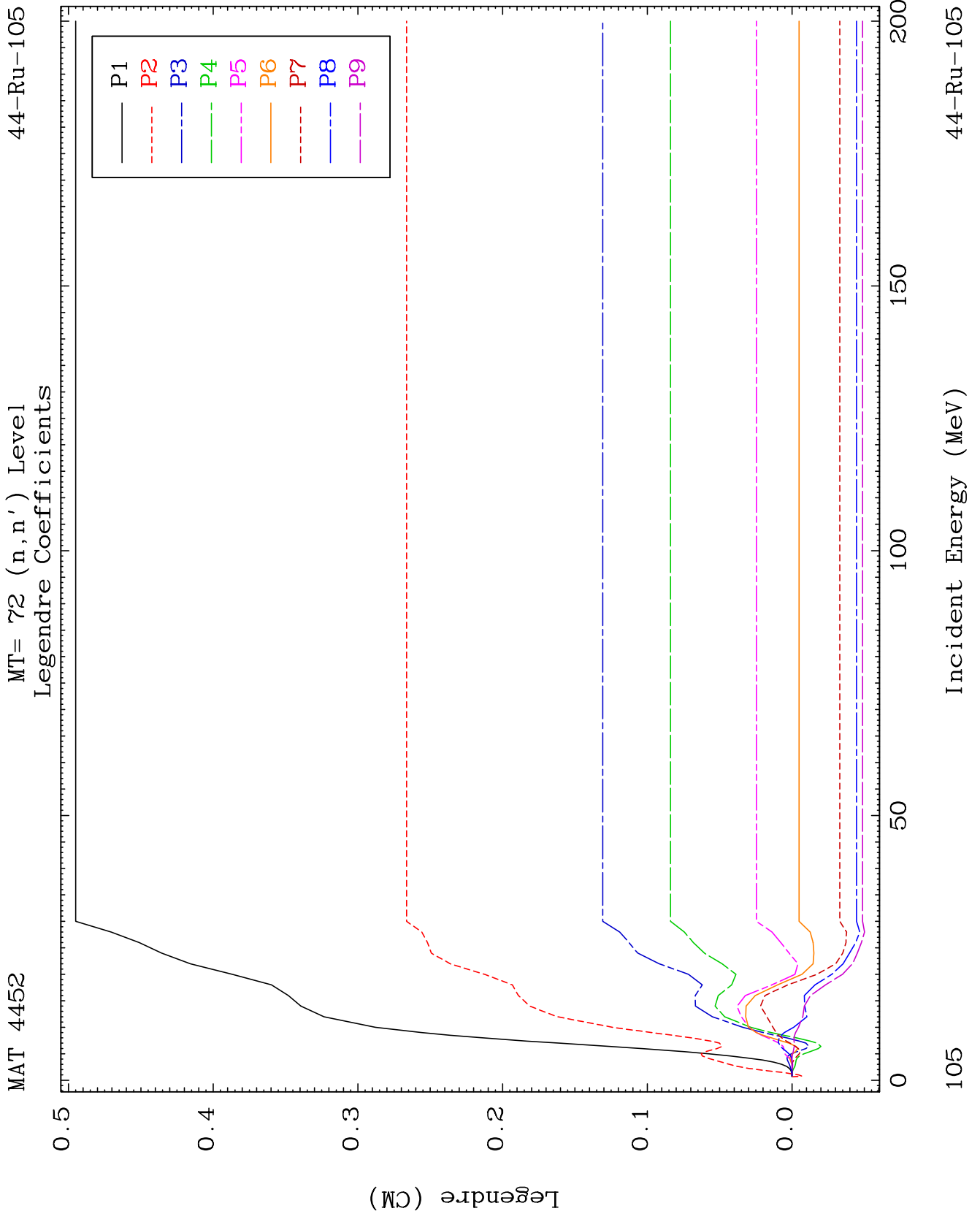
44-Ru-105

MAT 4452

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

44-Ru-105

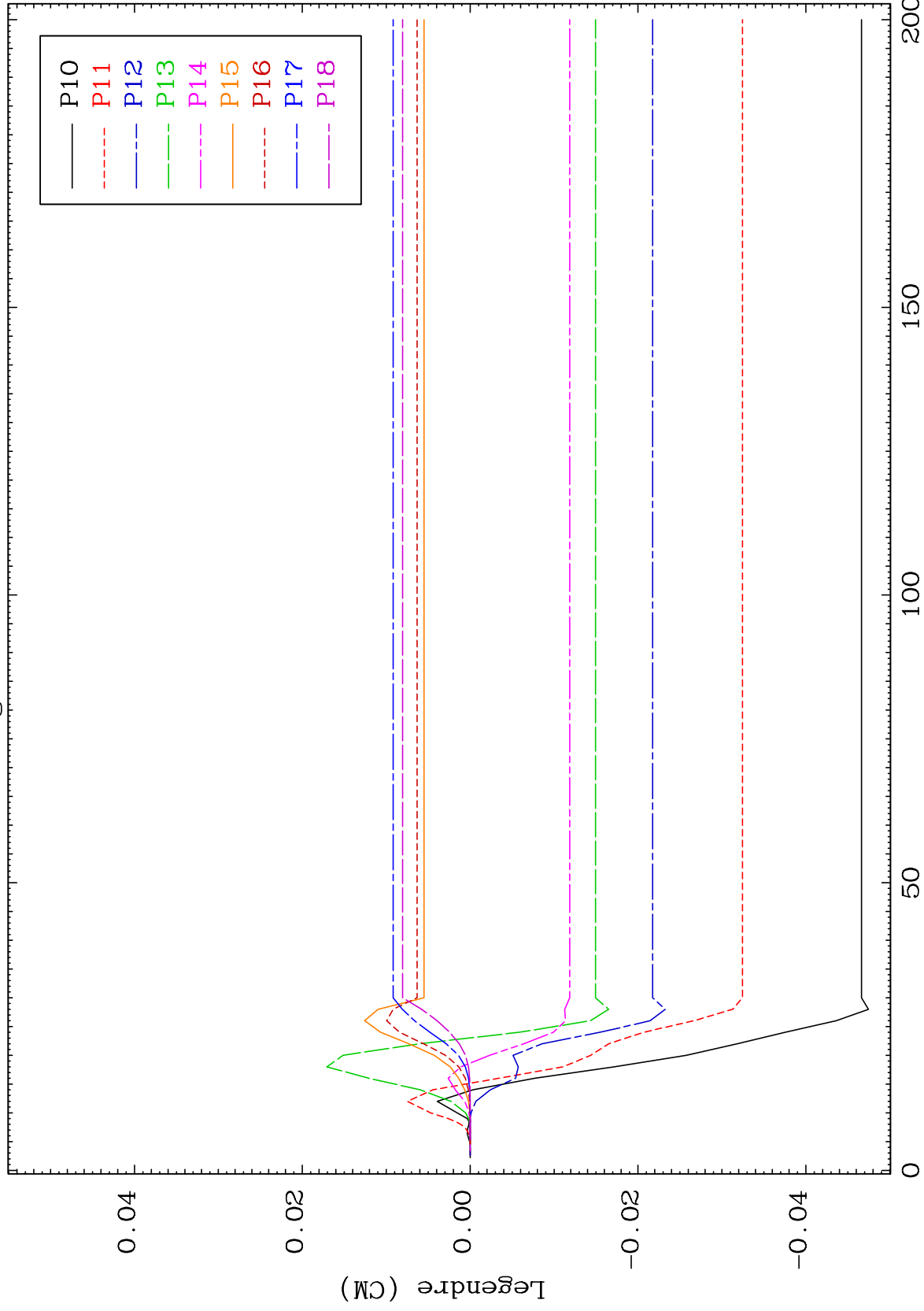




MAT 4452

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

44-Ru-105



106

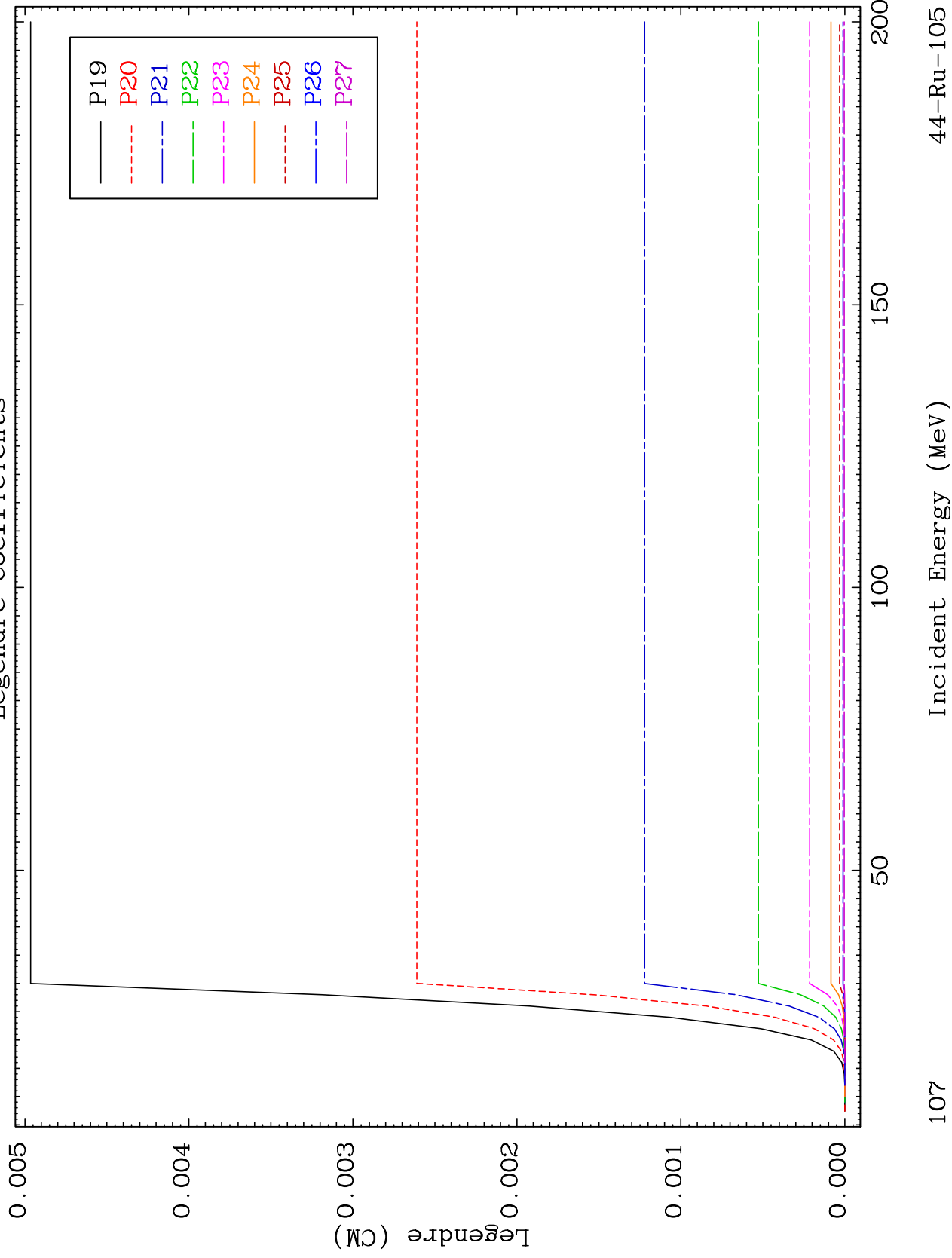
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



107

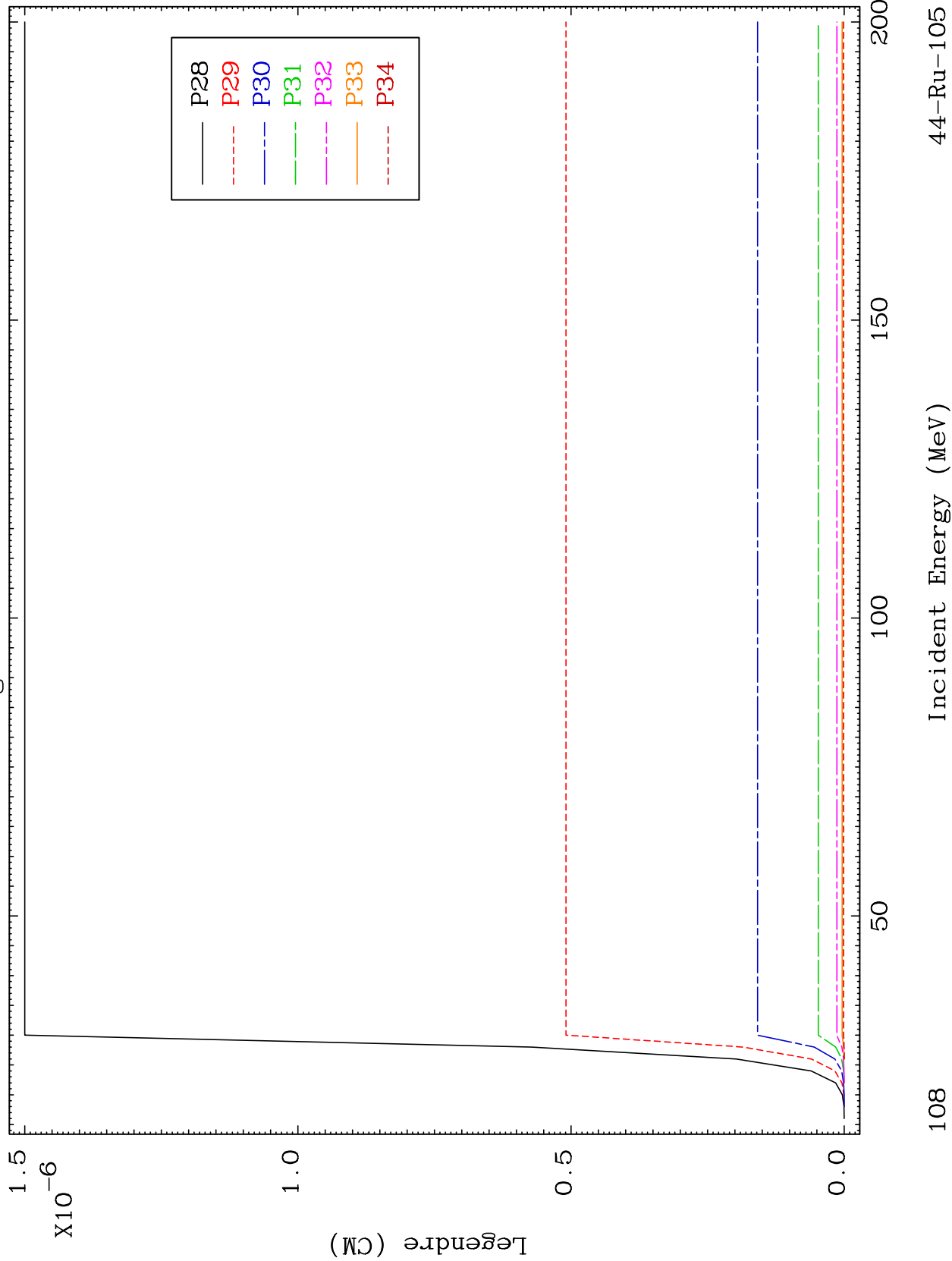
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



108

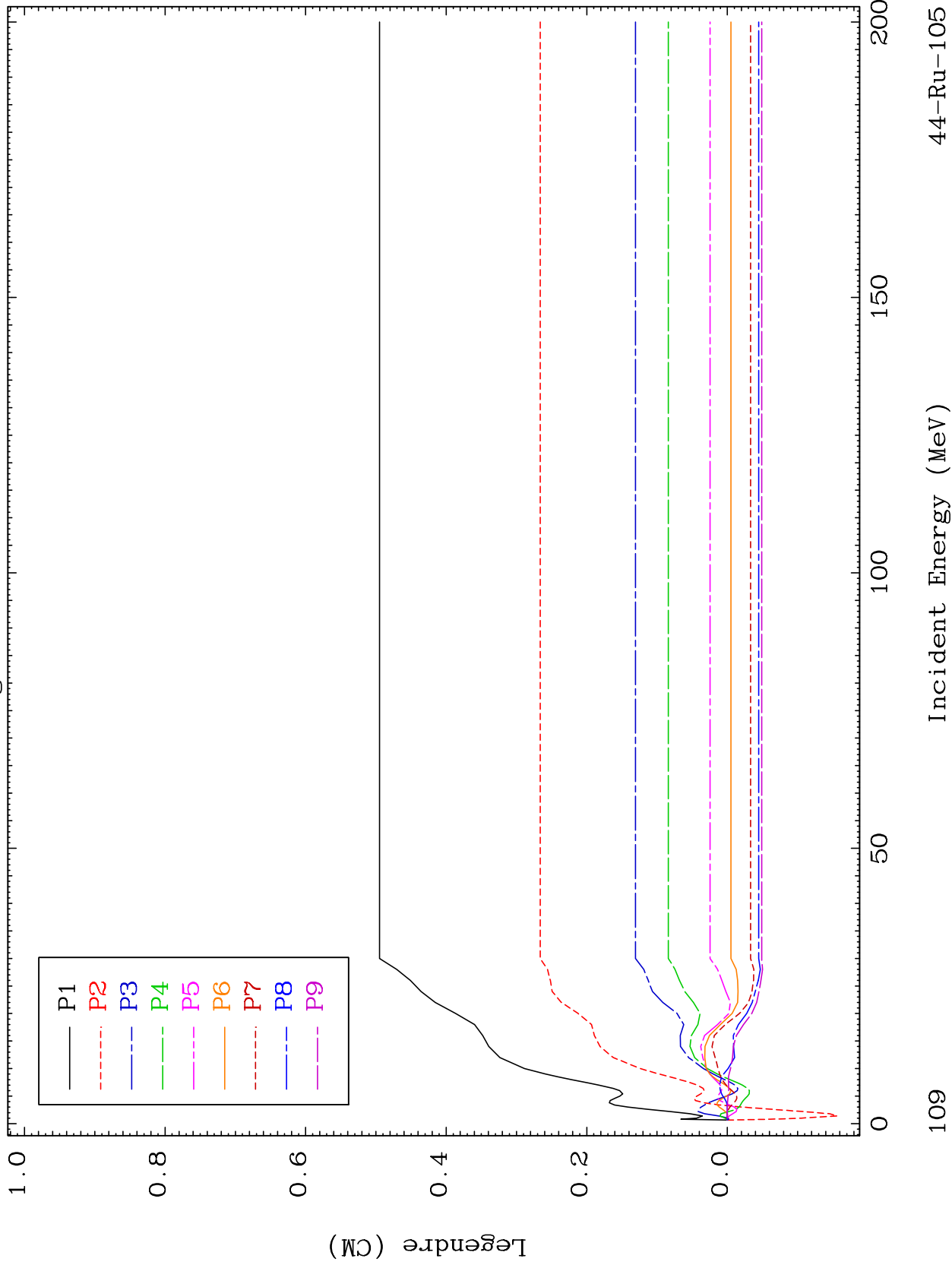
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



109

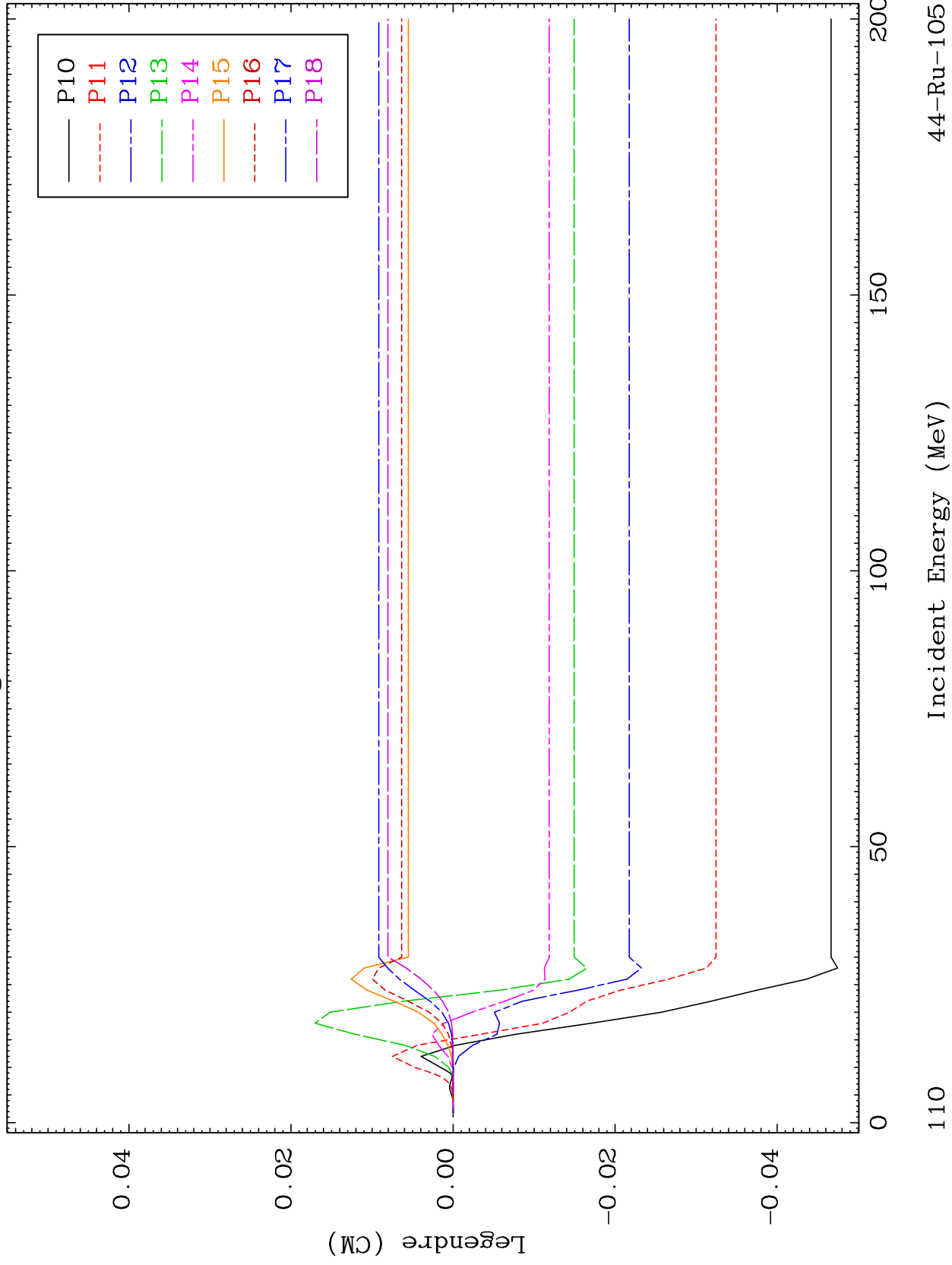
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



110

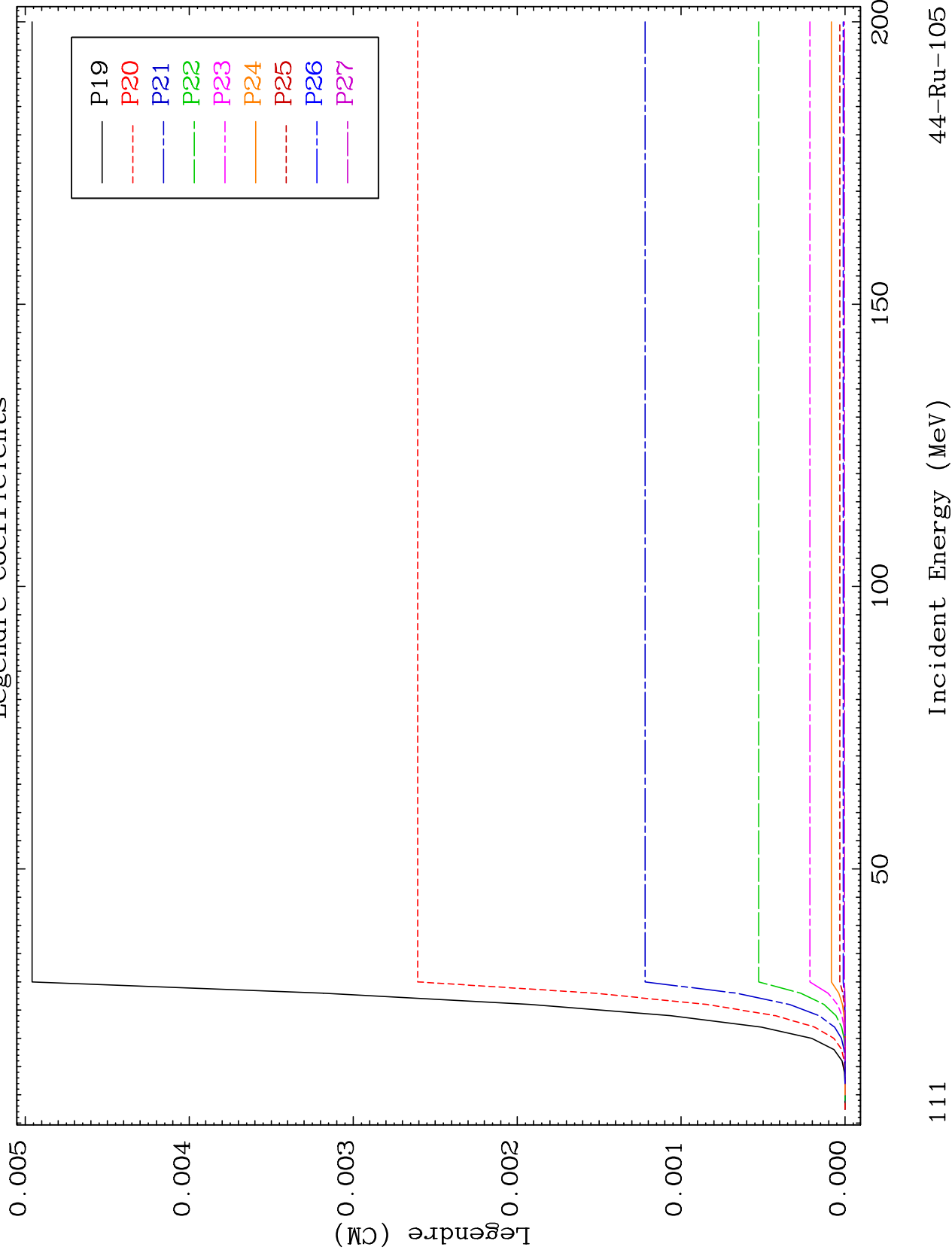
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



111

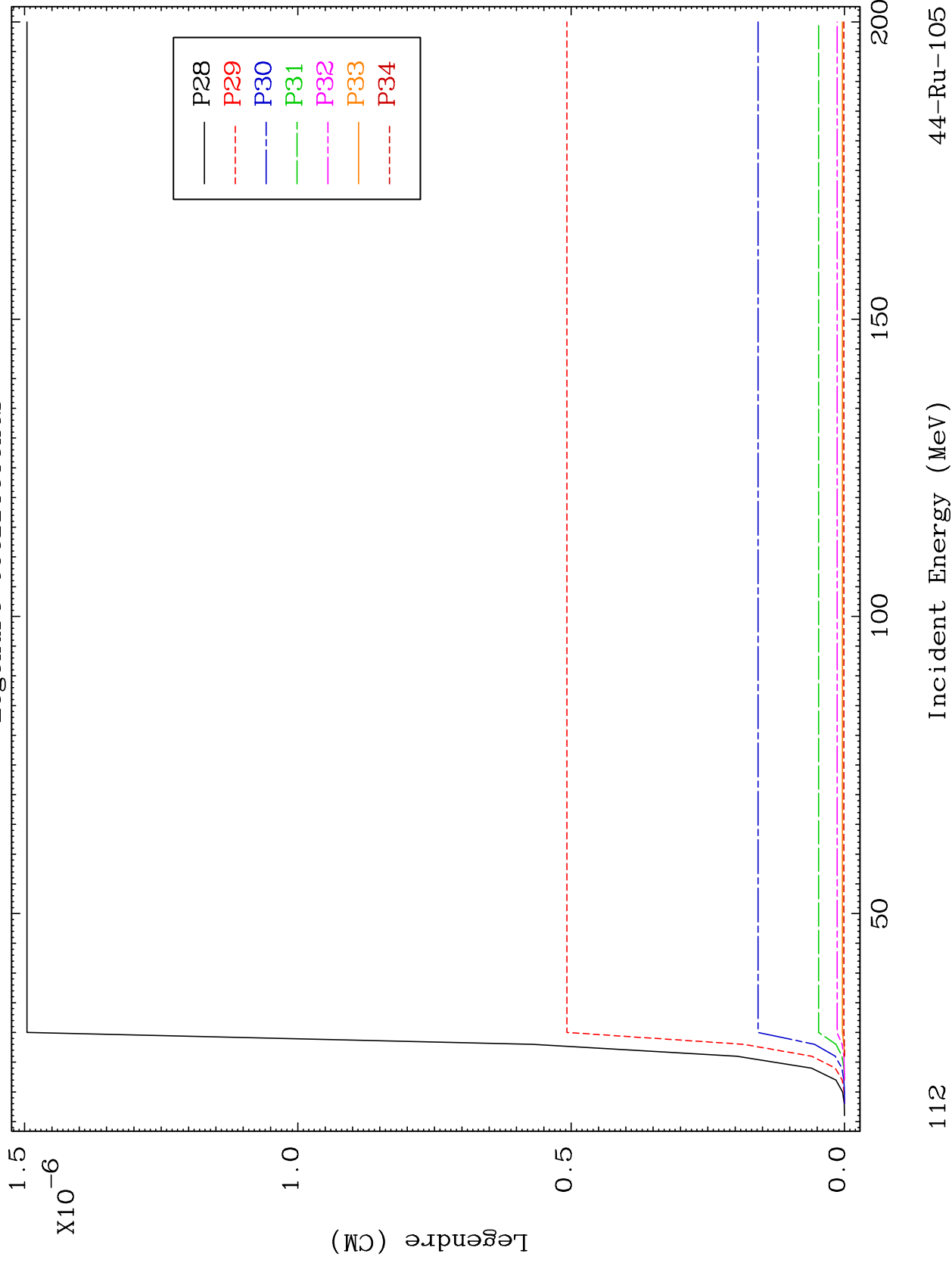
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



112

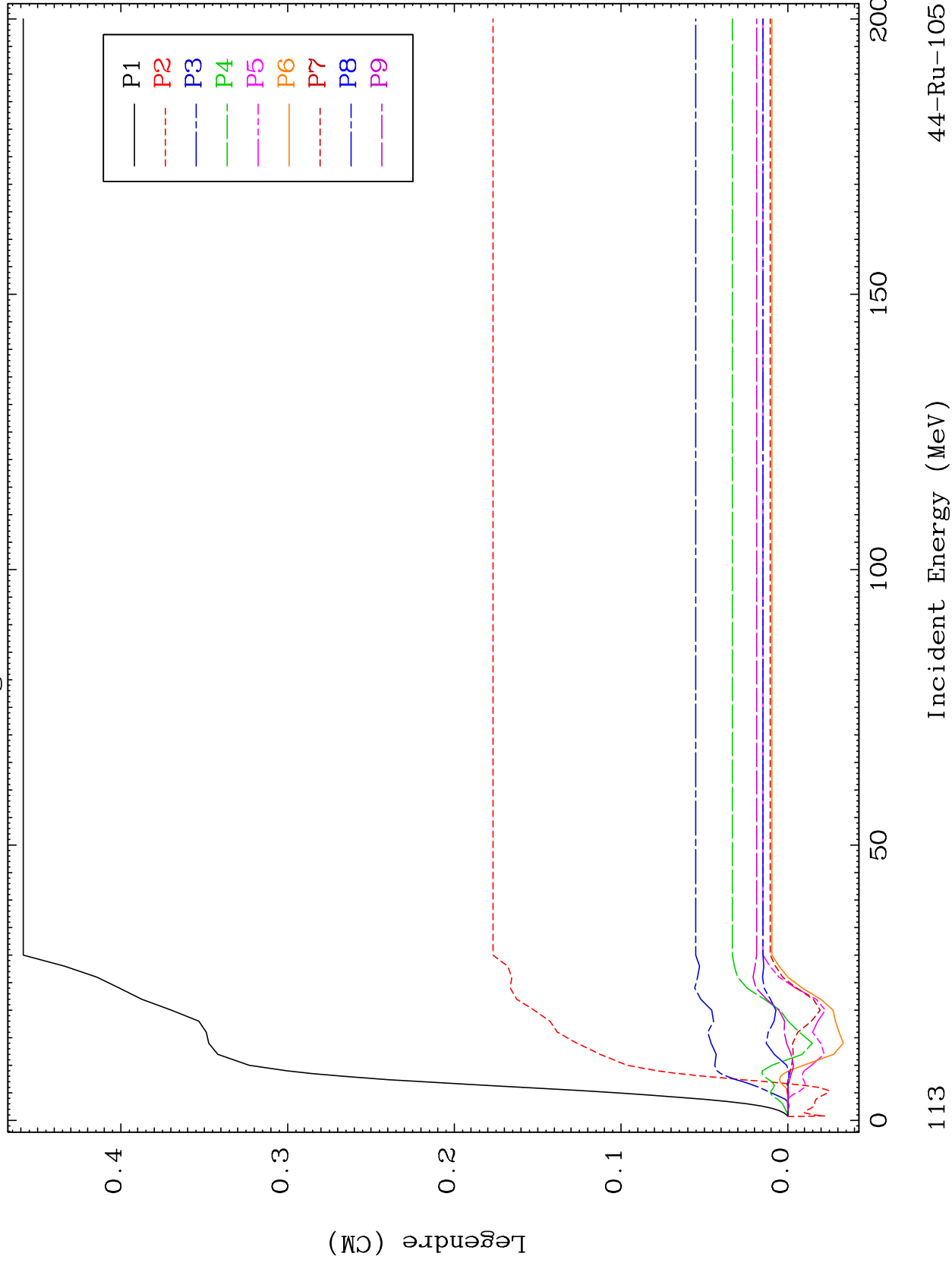
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

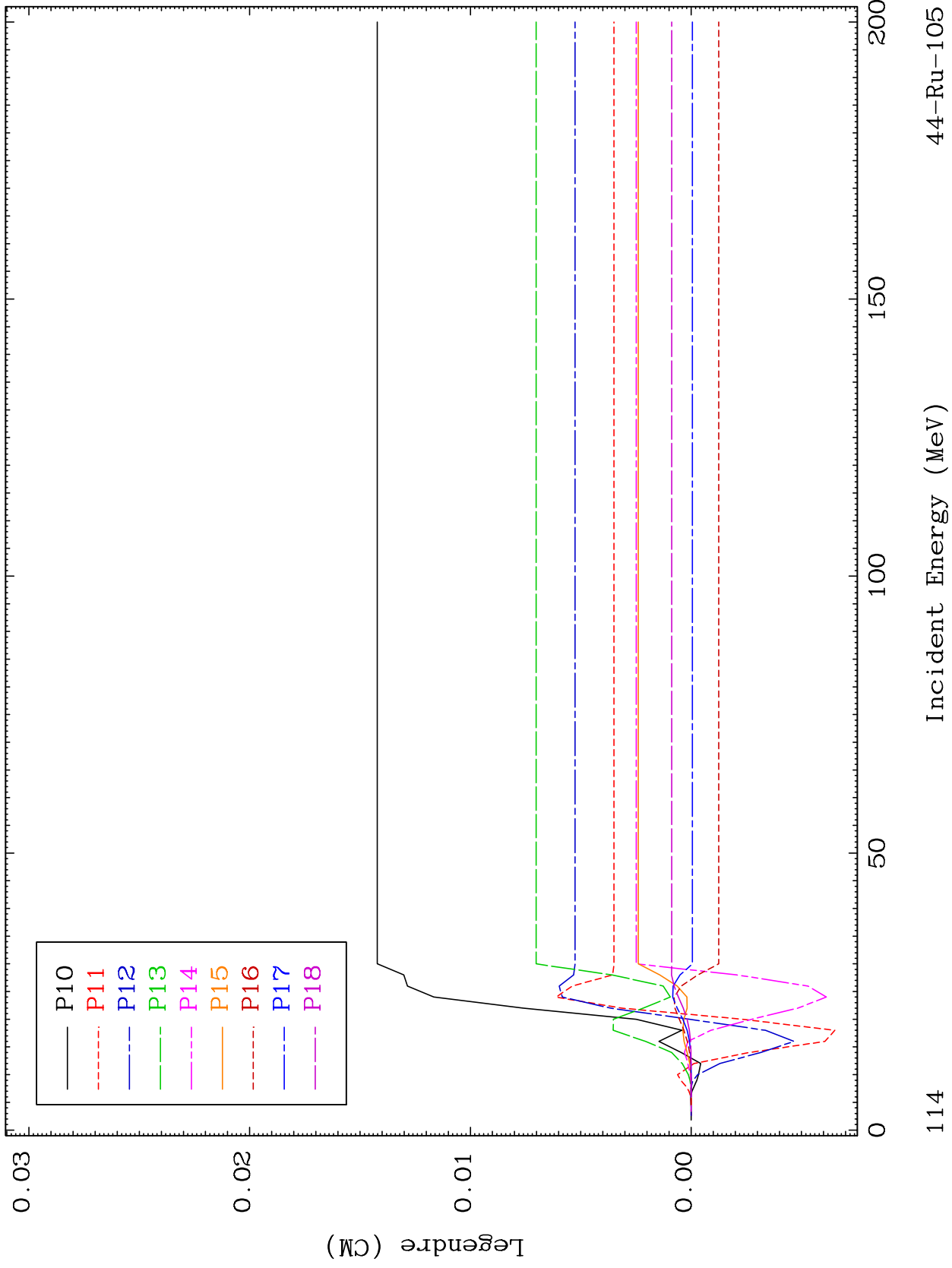
Incident Energy (MeV)

113

MAT 4452

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

44-Ru-105



114

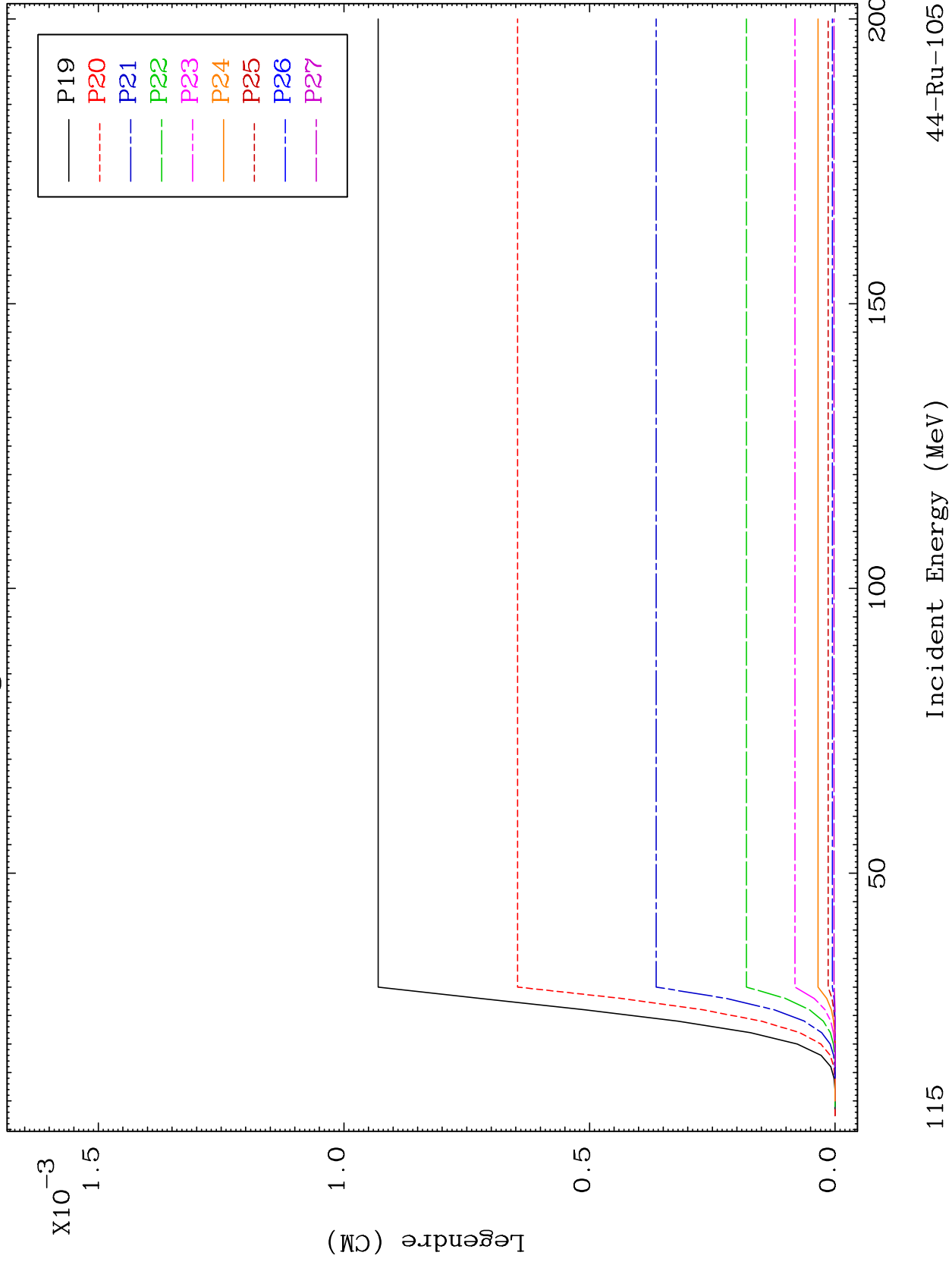
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

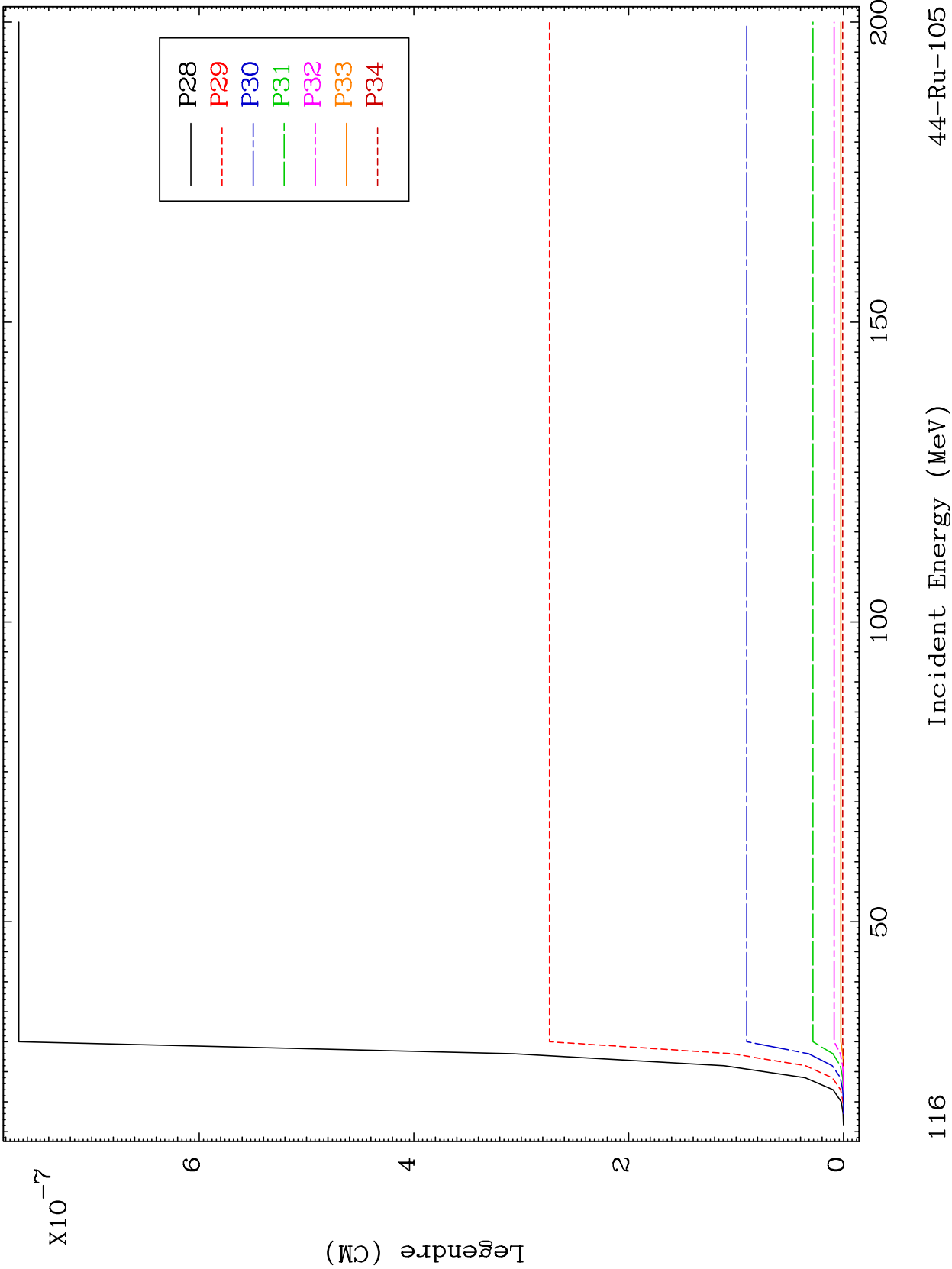
44-Ru-105



MAT 4452

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

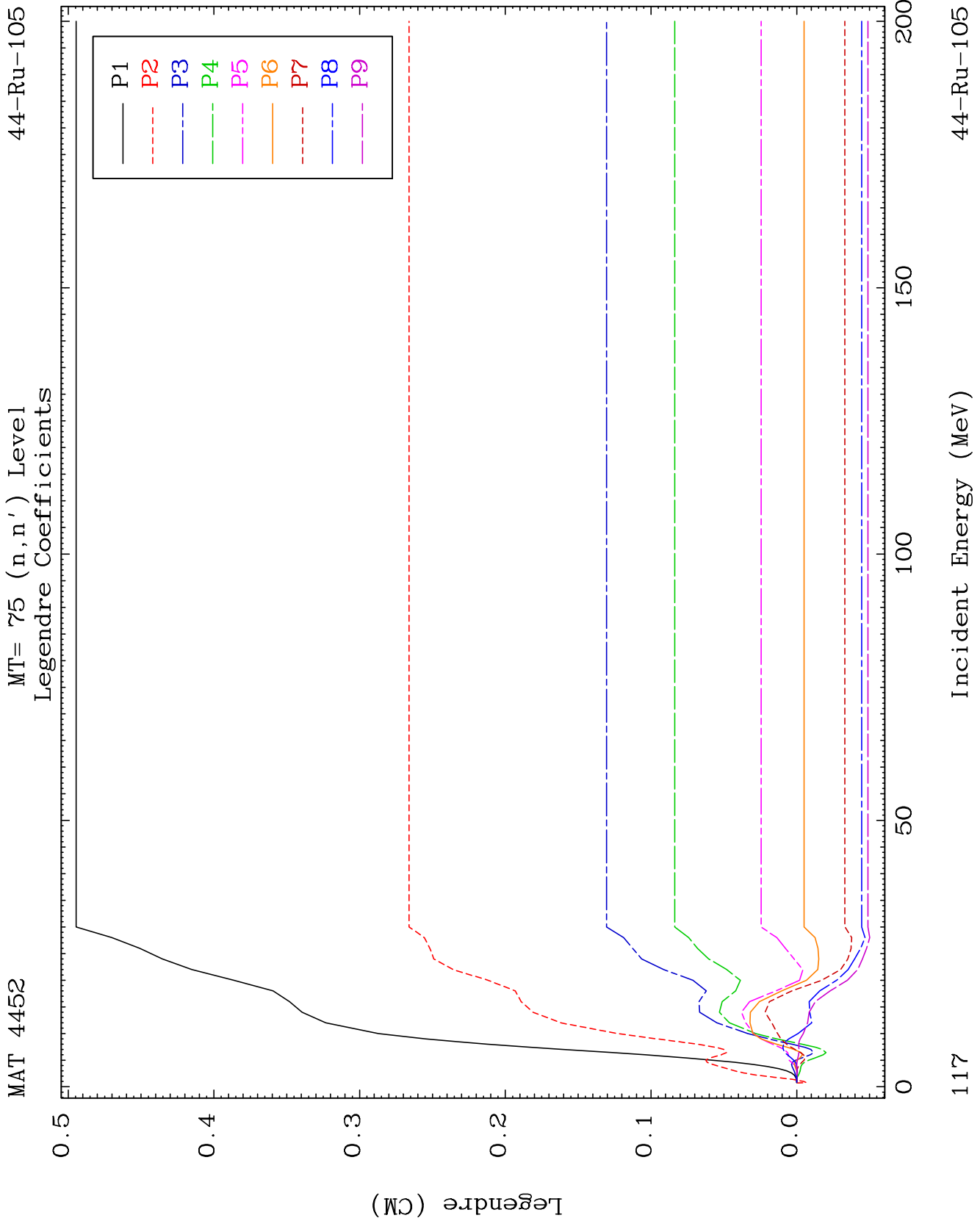
44-Ru-105



116

Incident Energy (MeV)

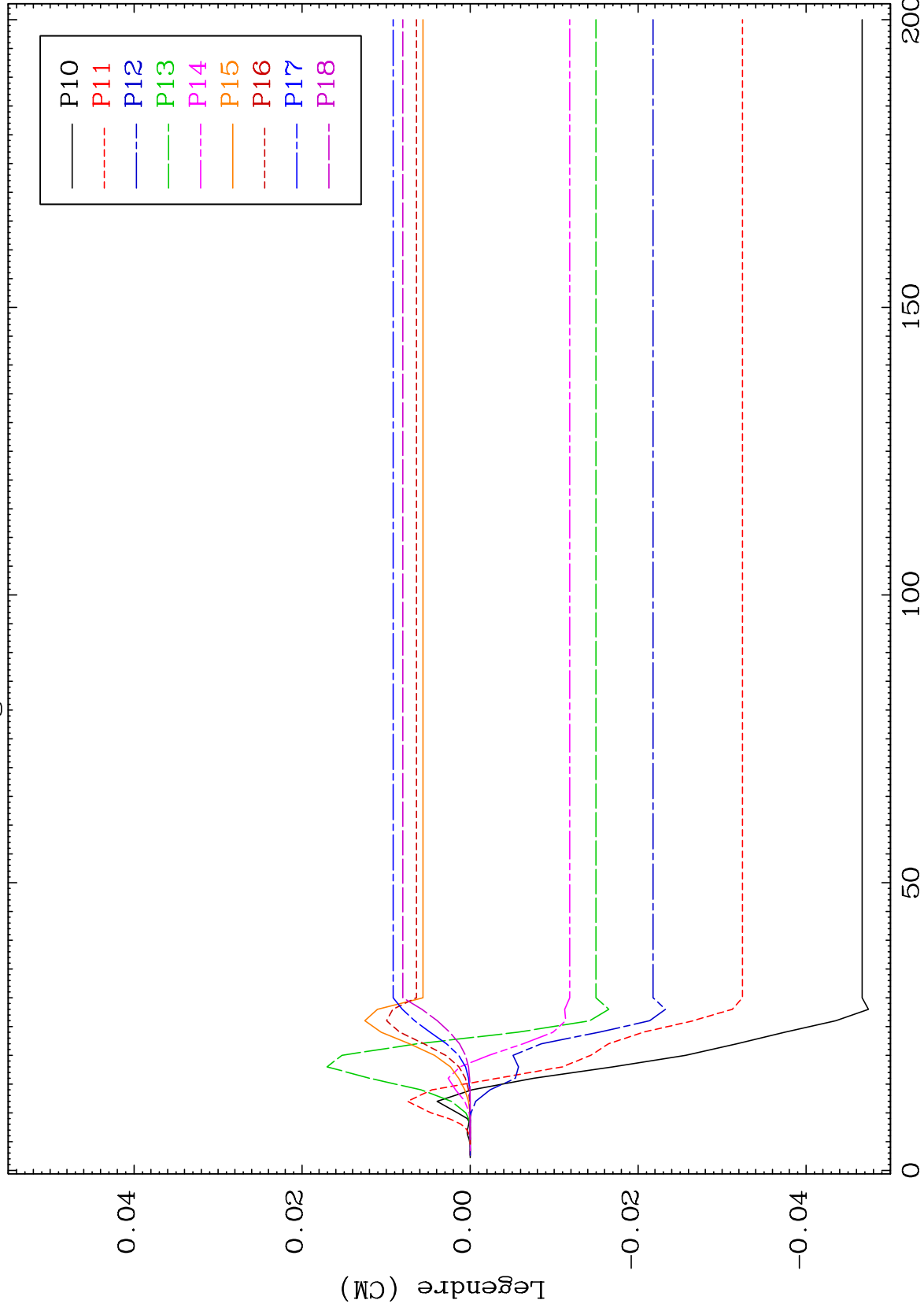
44-Ru-105



MAT 4452

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

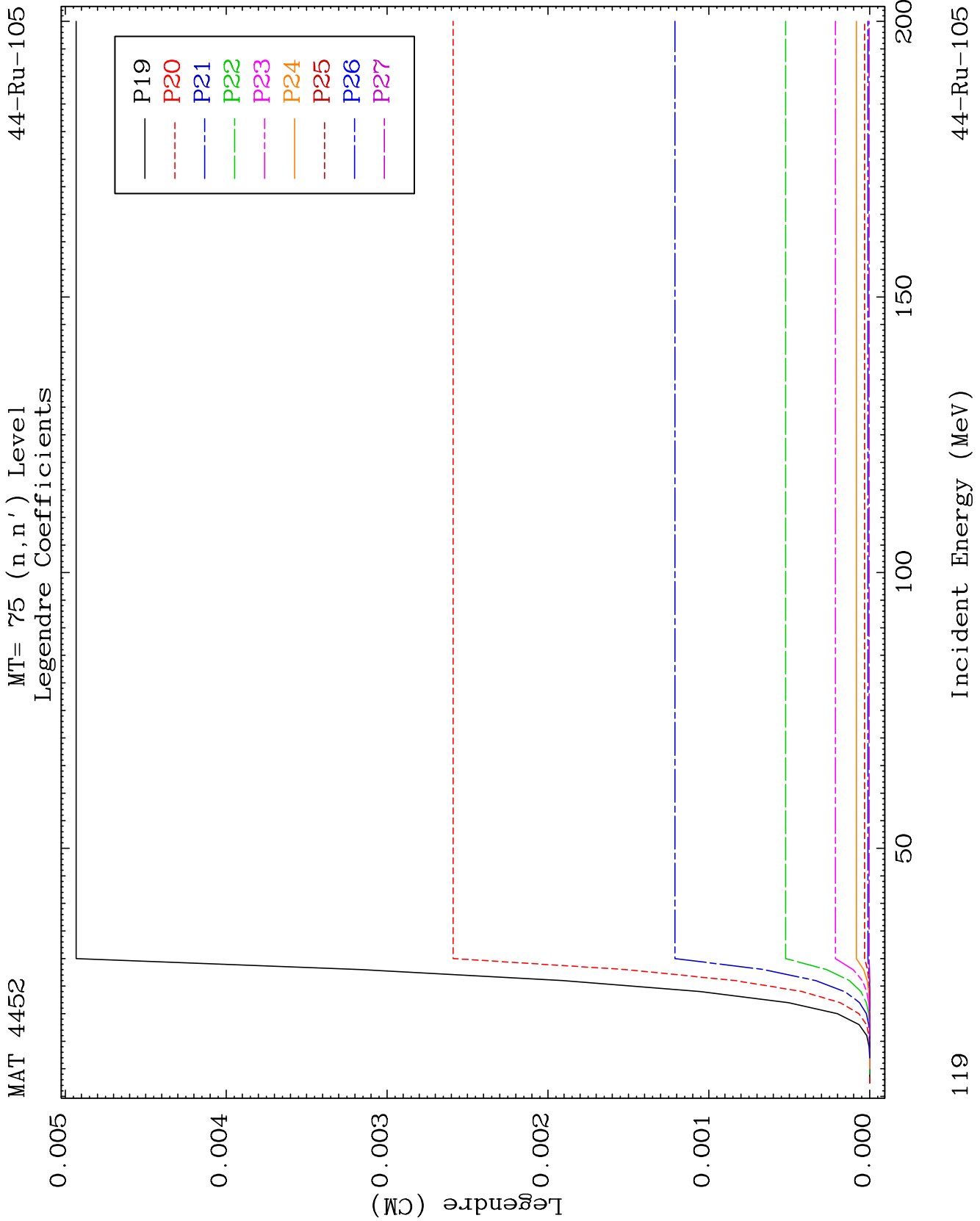
44-Ru-105

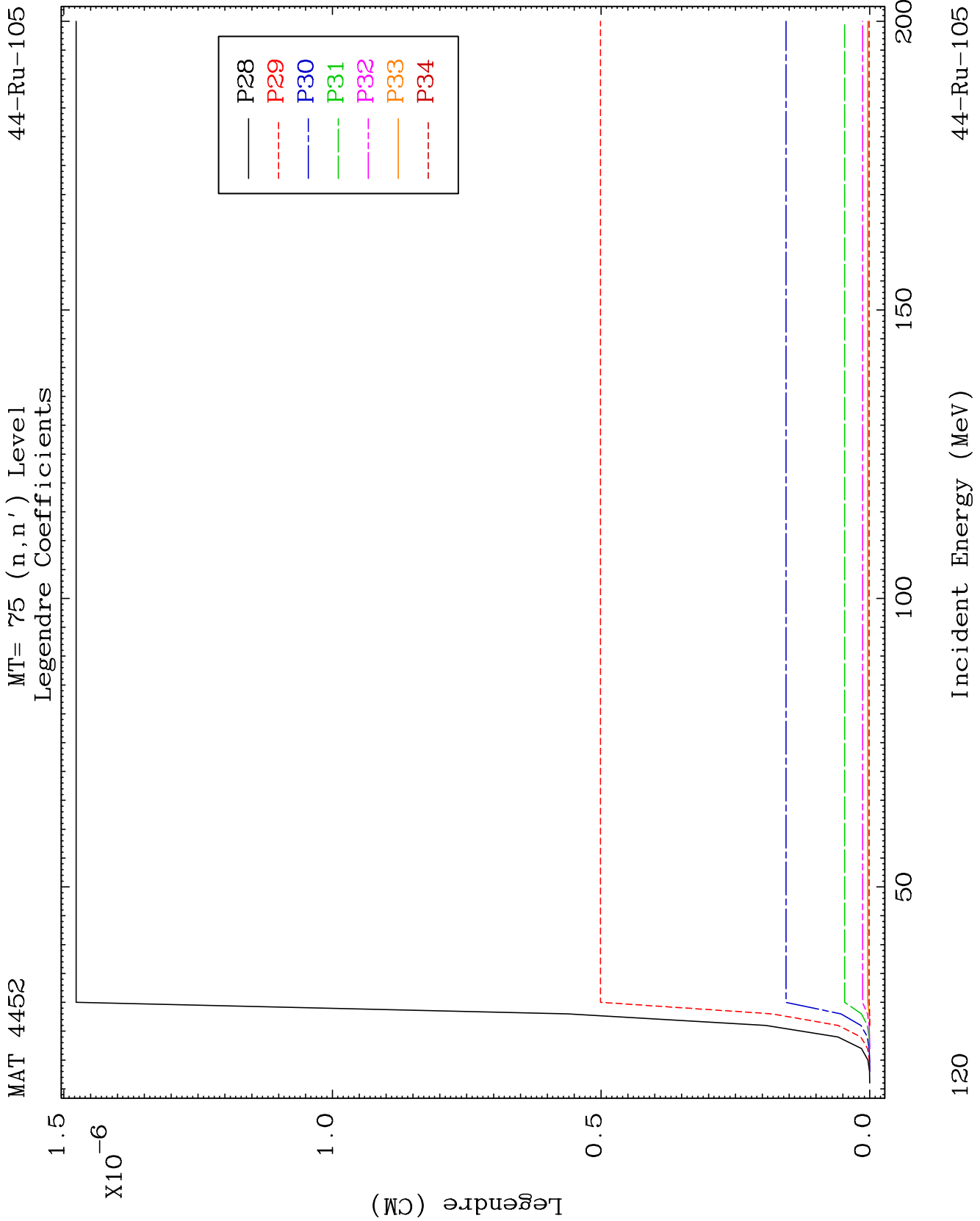


118

Incident Energy (MeV)

44-Ru-105

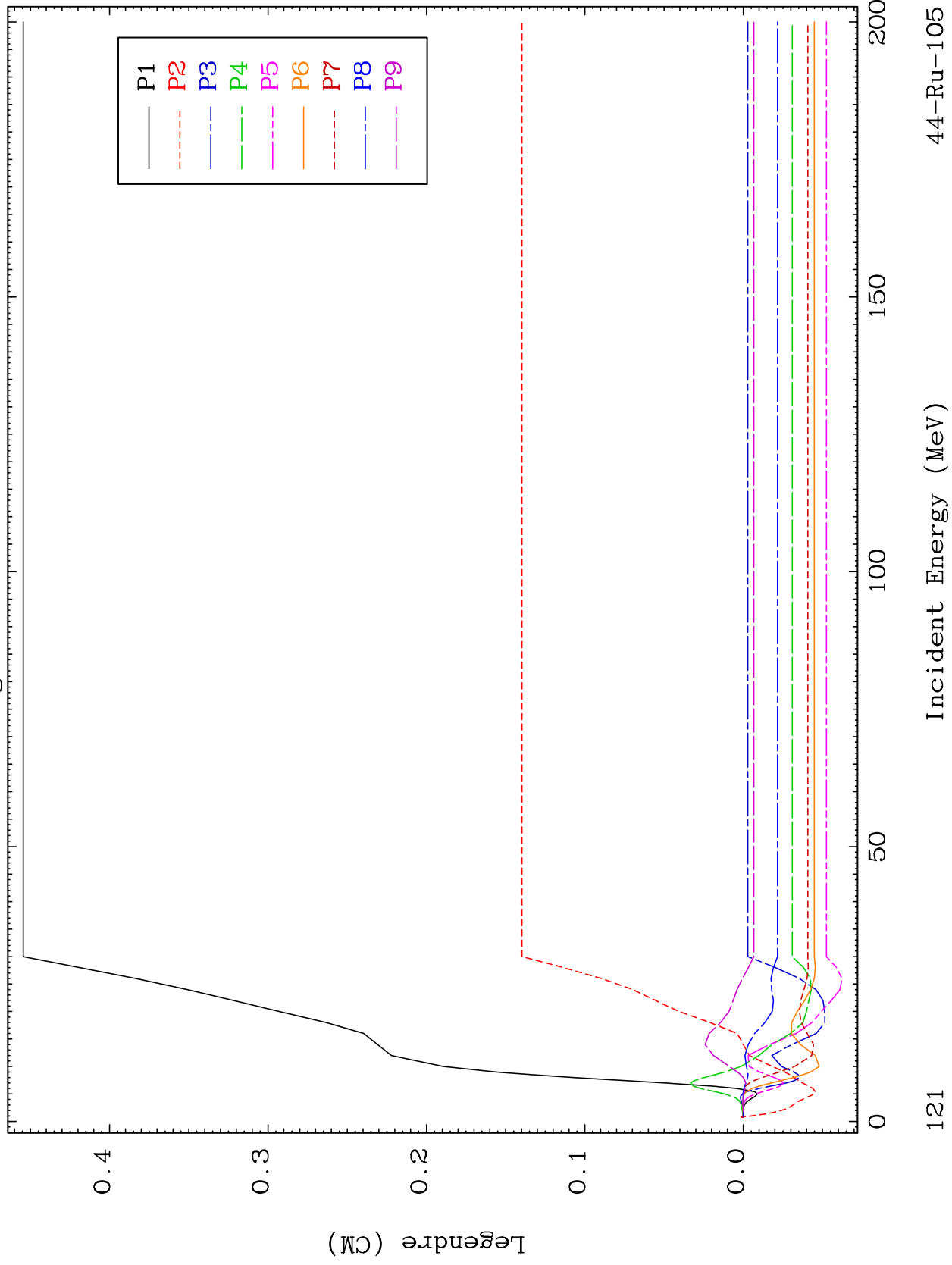




MAT 4452

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

44-Ru-105



44-Ru-105

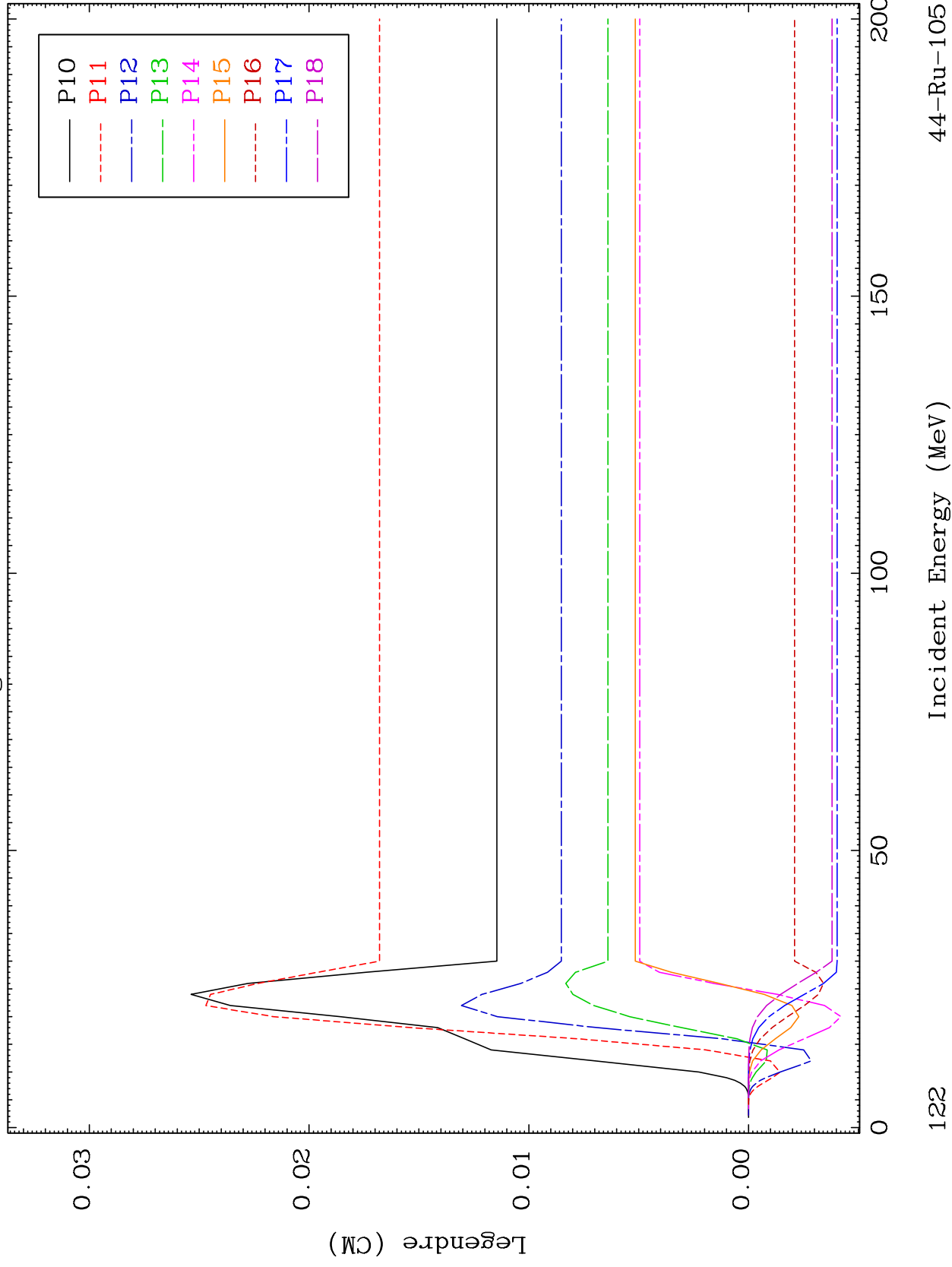
Incident Energy (MeV)

121

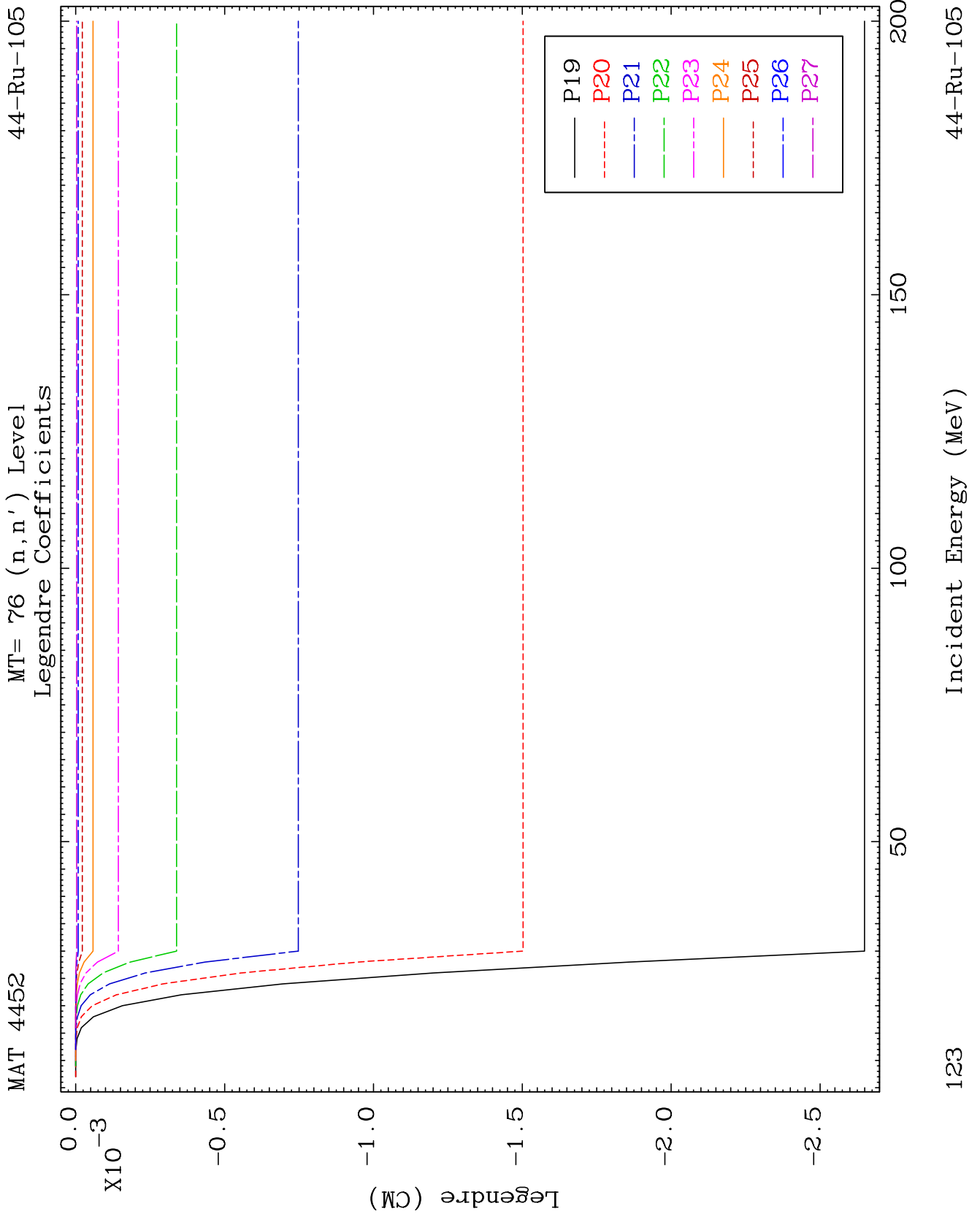
MAT 4452

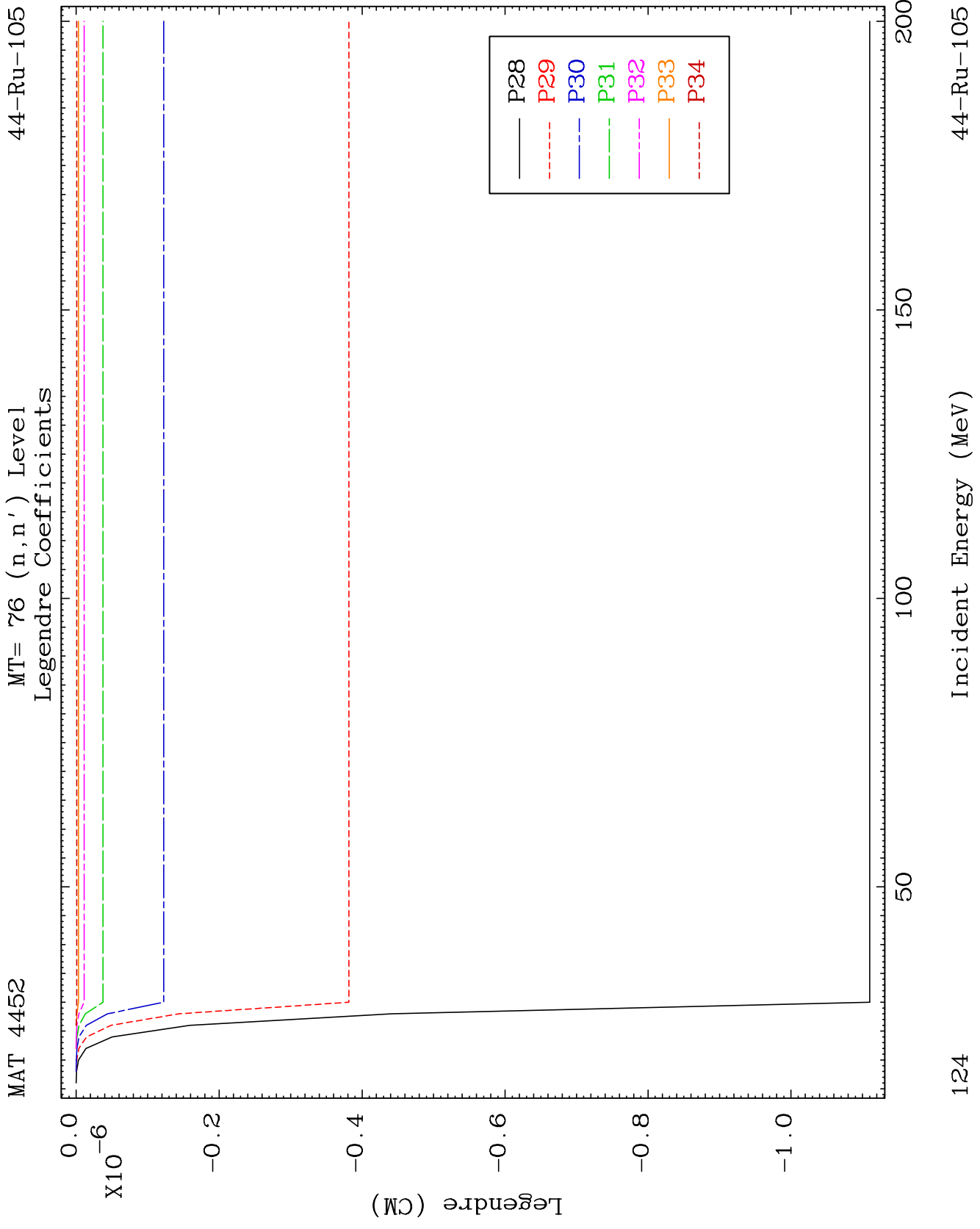
MT= 76 (n,n') Level
Legendre Coefficients

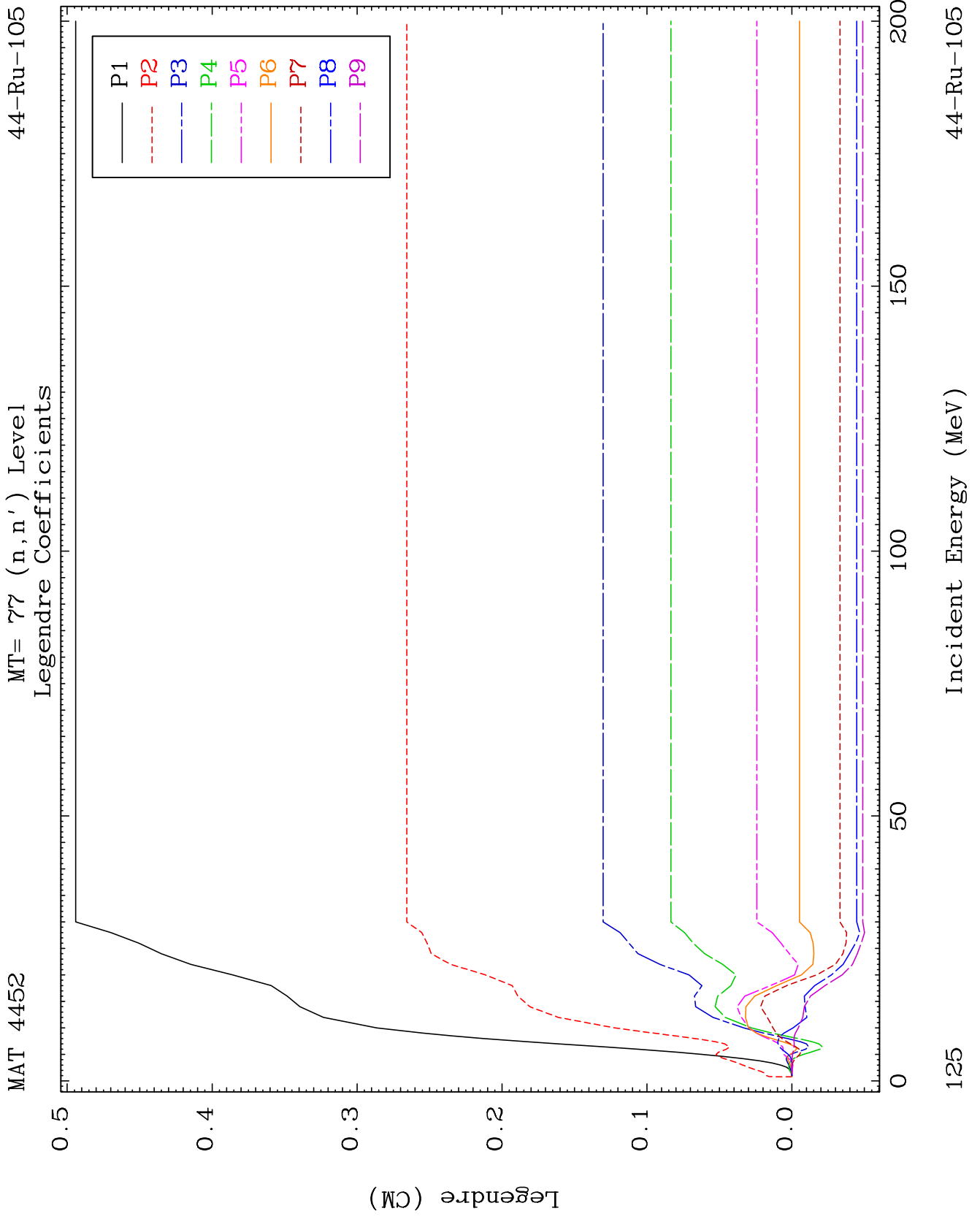
44-Ru-105



122



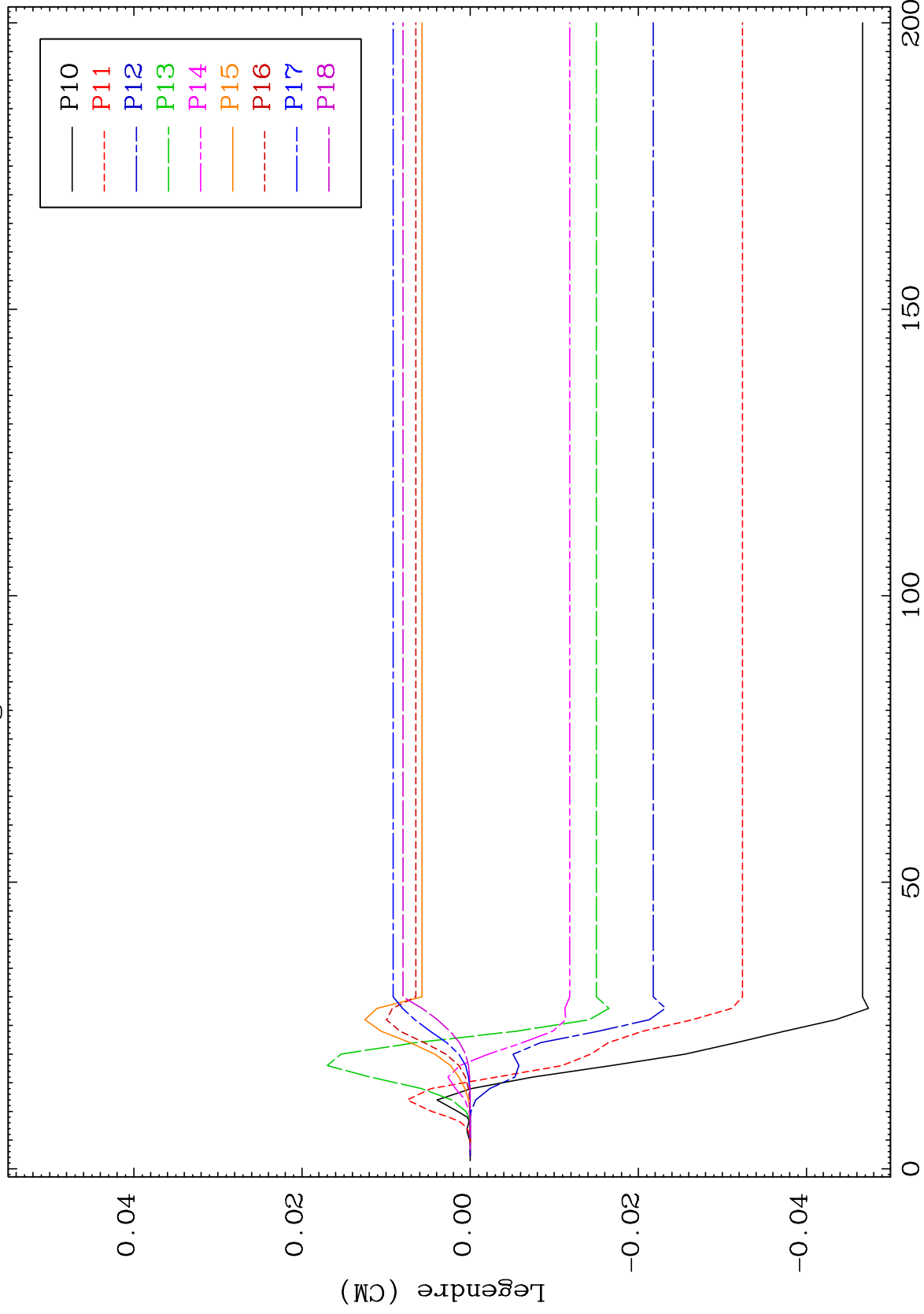




MAT 4452

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

44-Ru-105



126

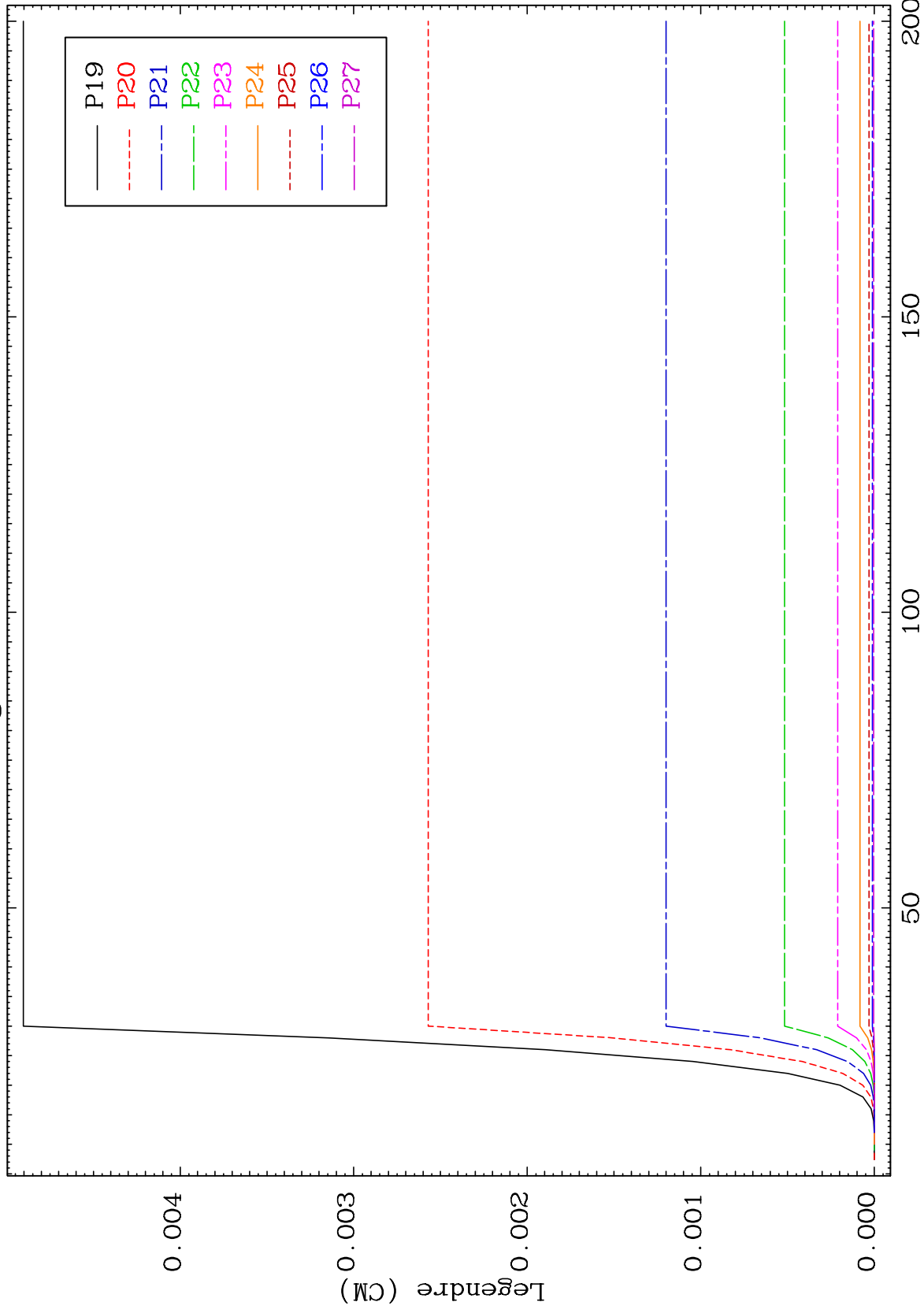
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



127

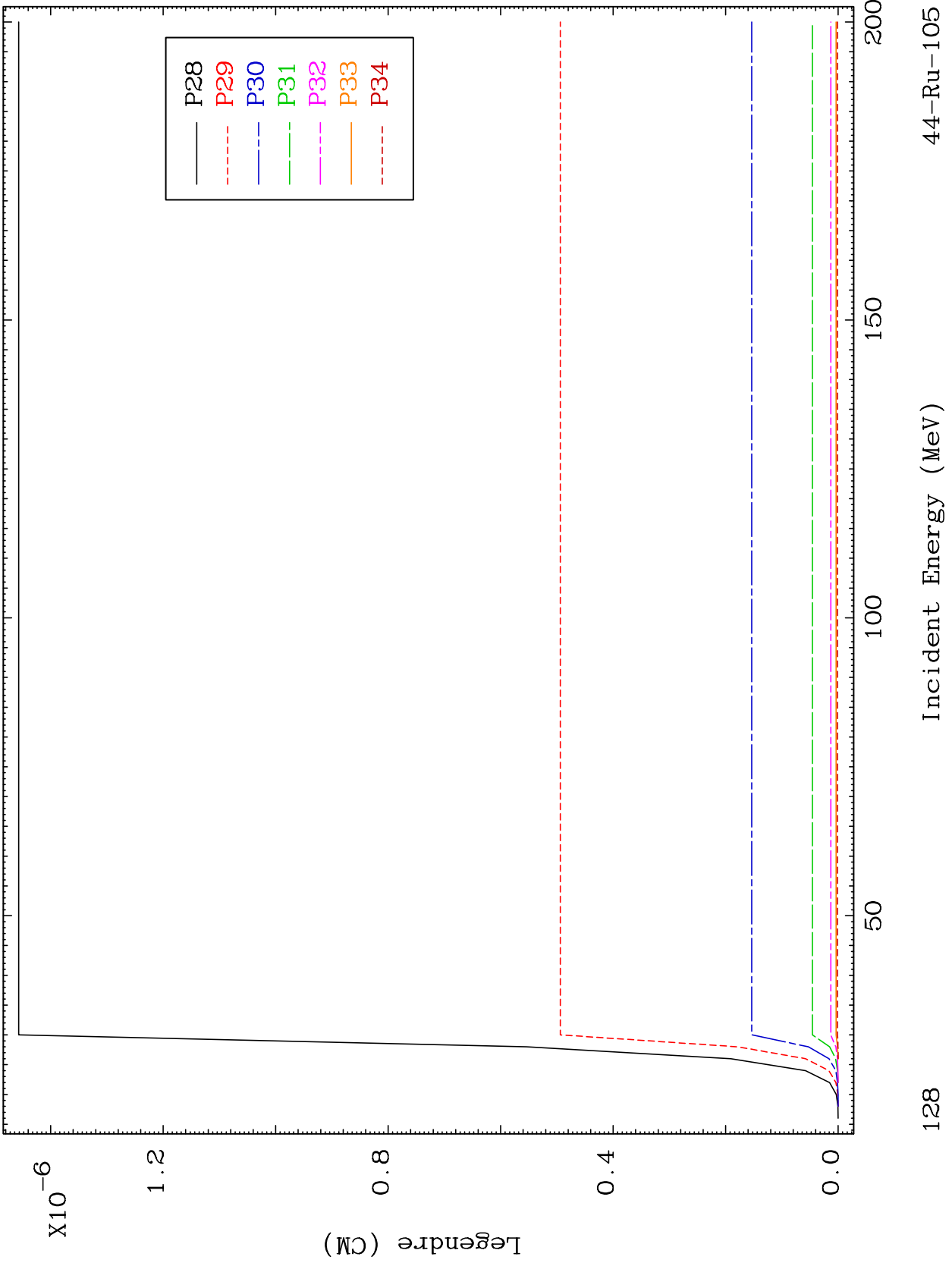
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

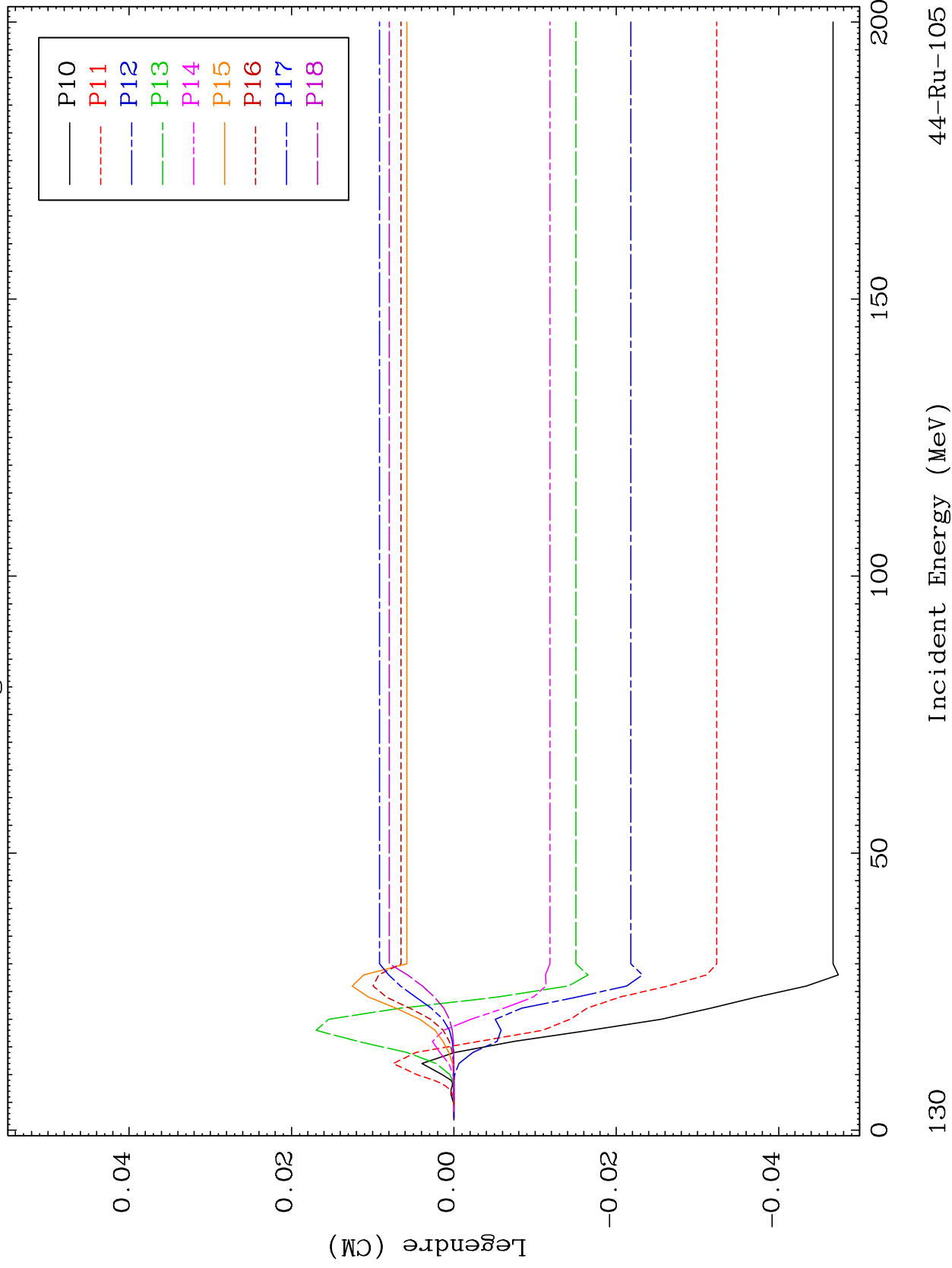


128

MAT 4452

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

44-Ru-105



130

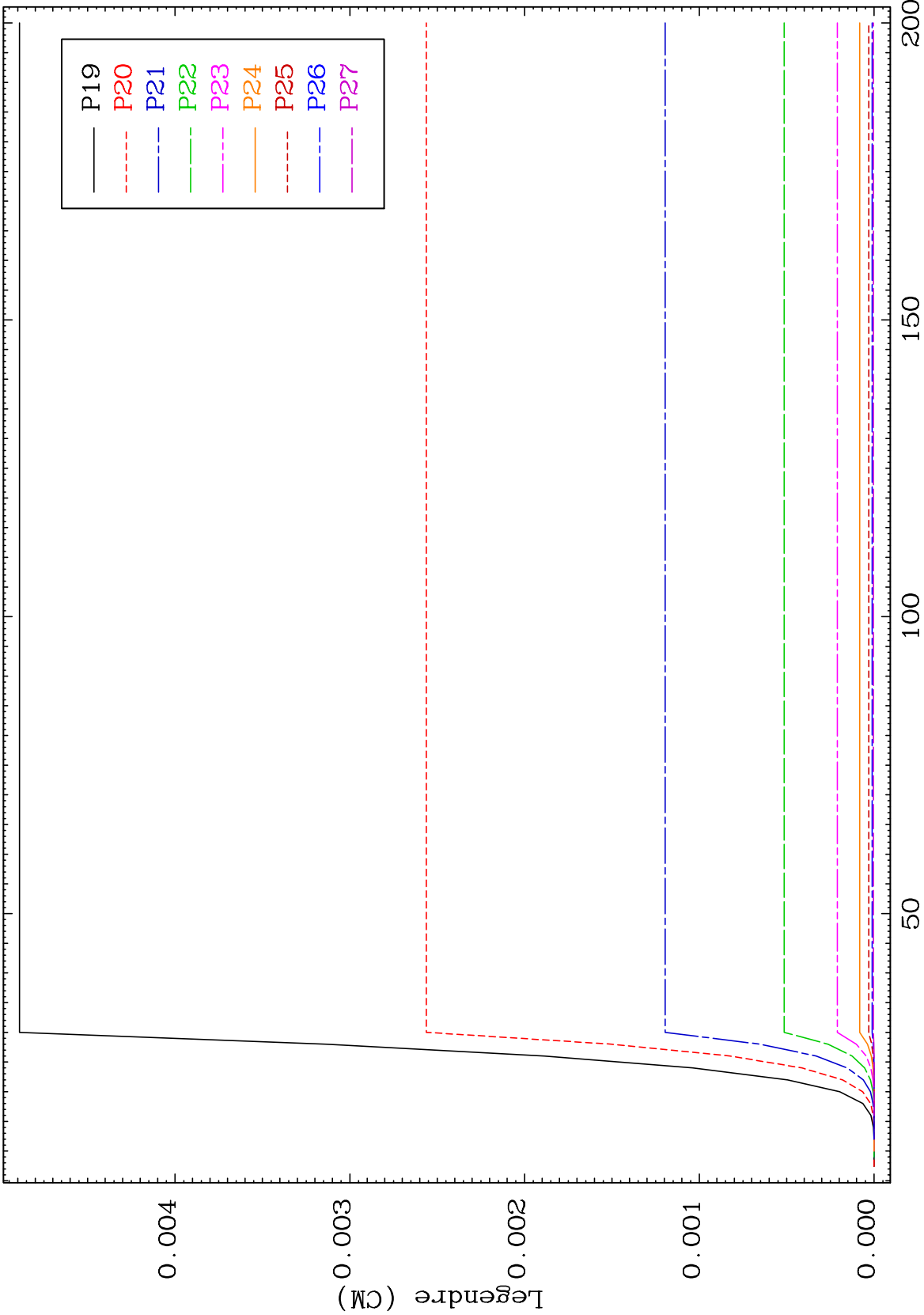
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



131

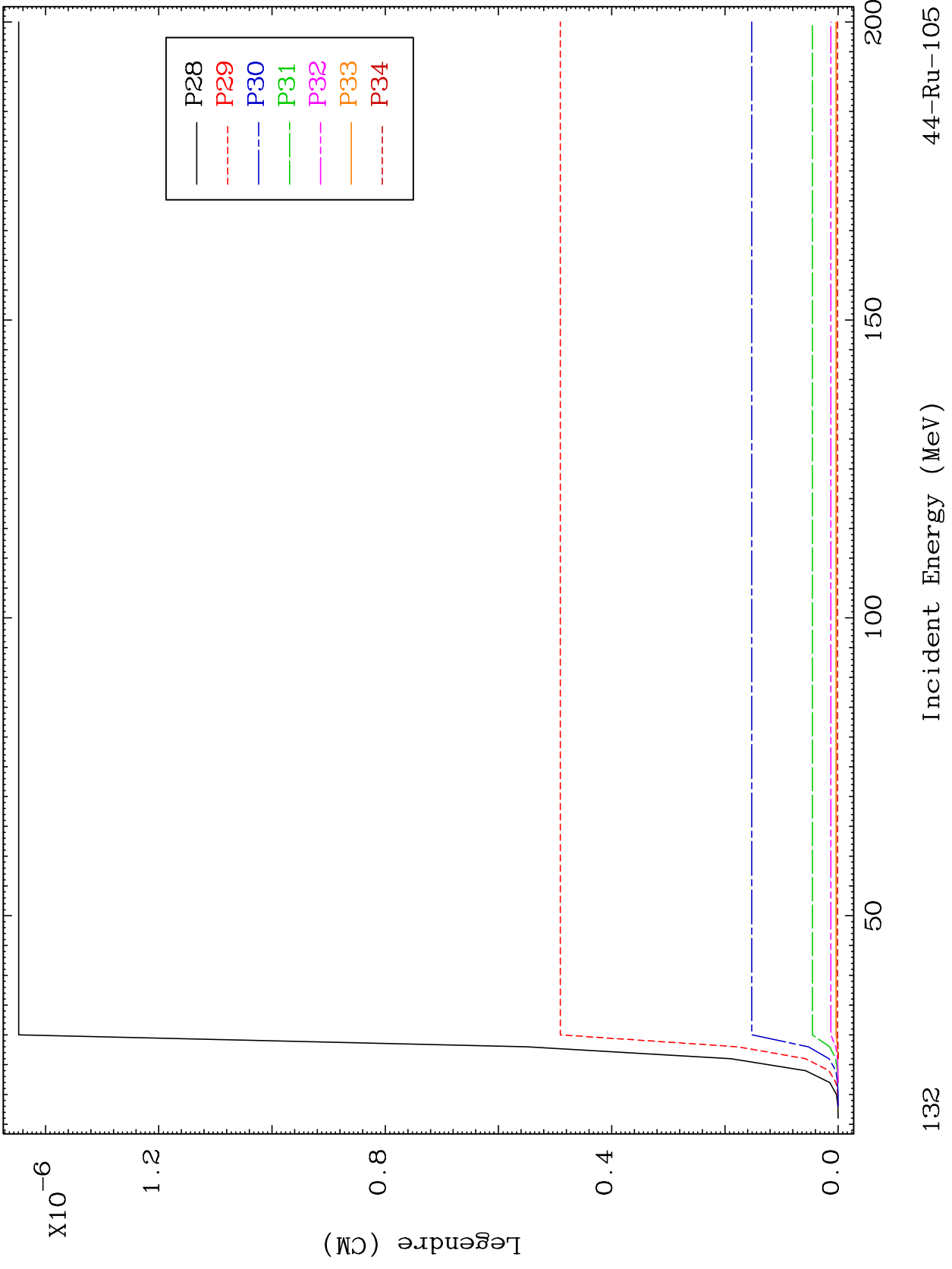
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

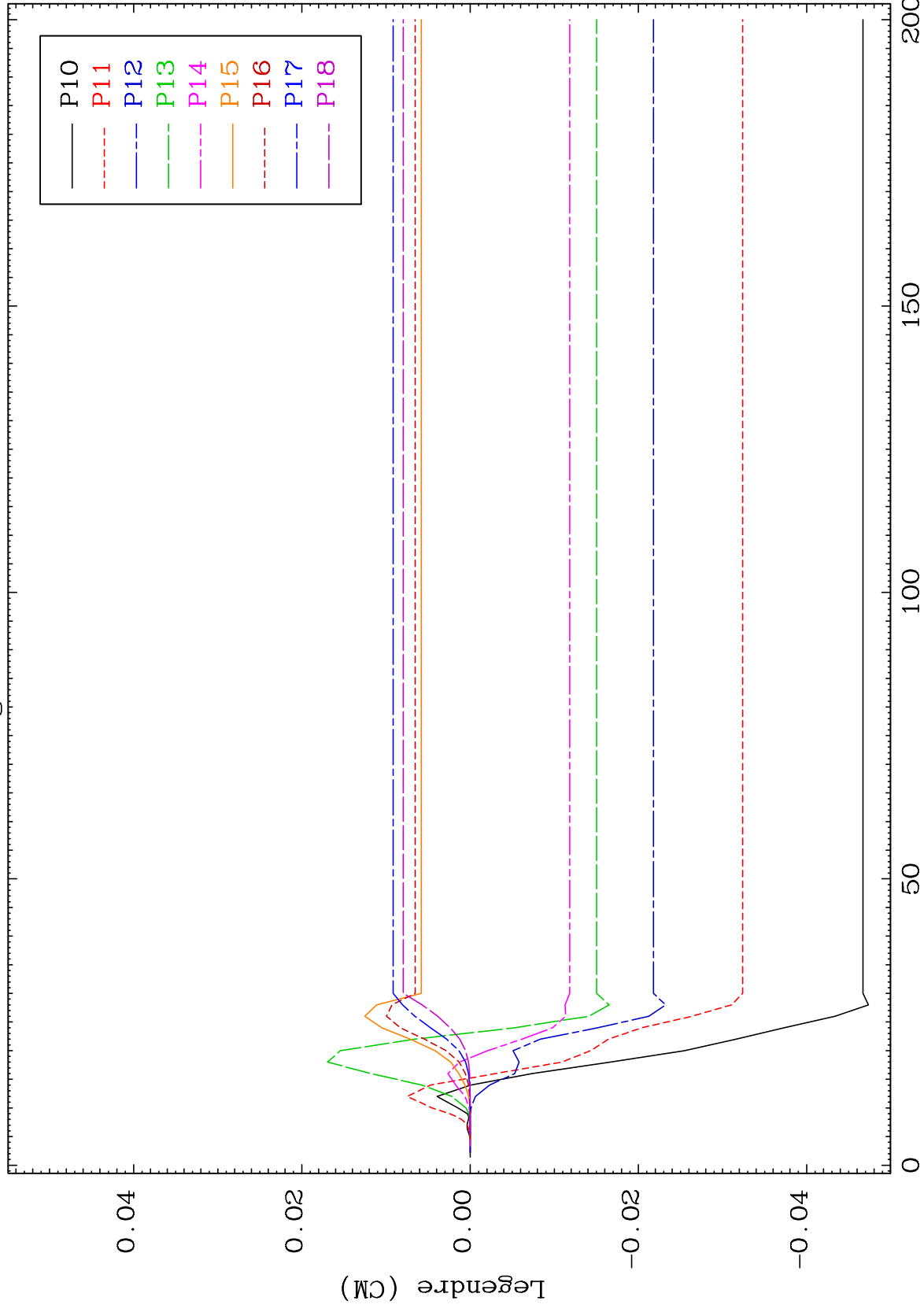


132

MAT 4452

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

44-Ru-105



134

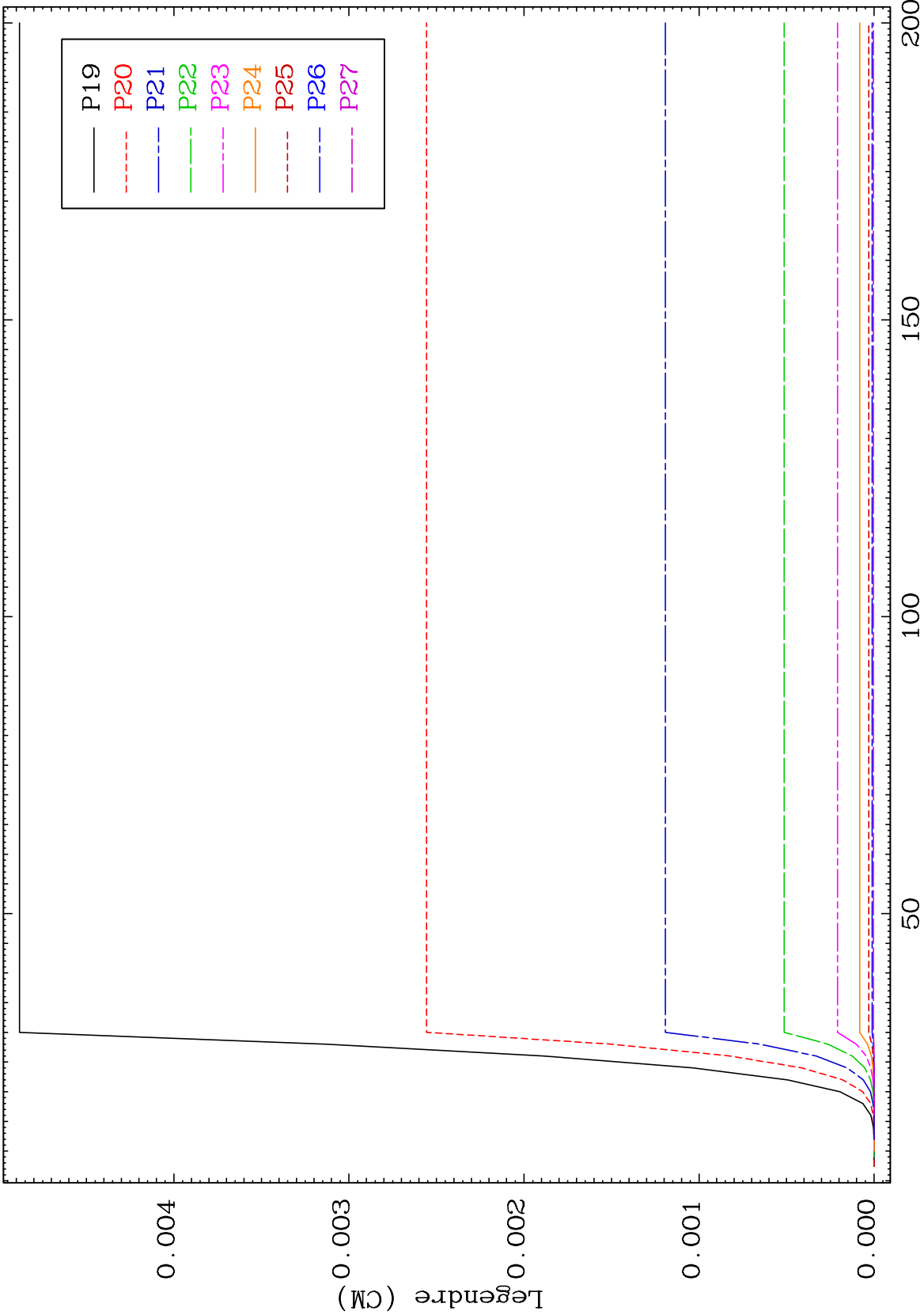
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



135

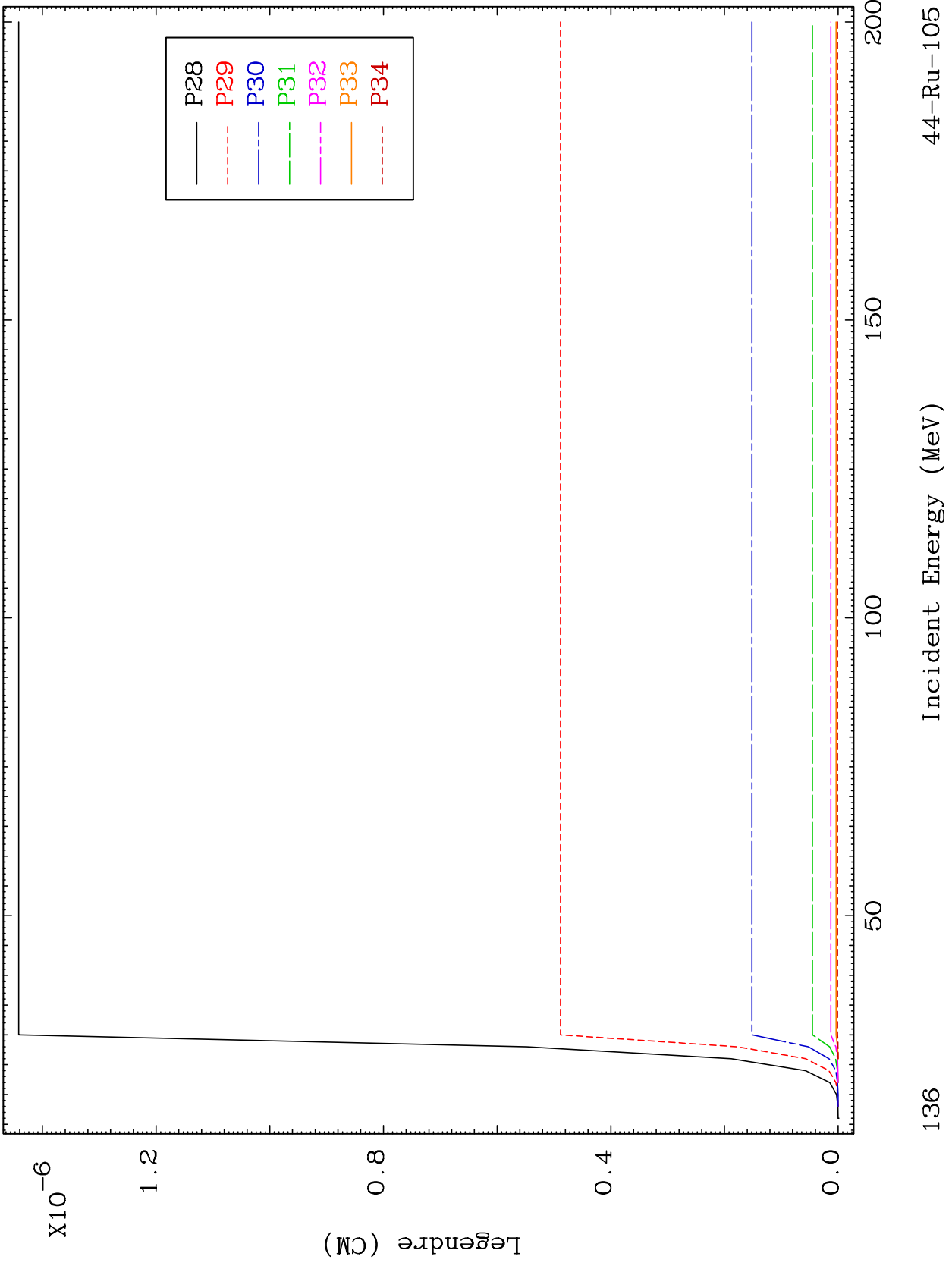
Incident Energy (MeV)

44-Ru-105

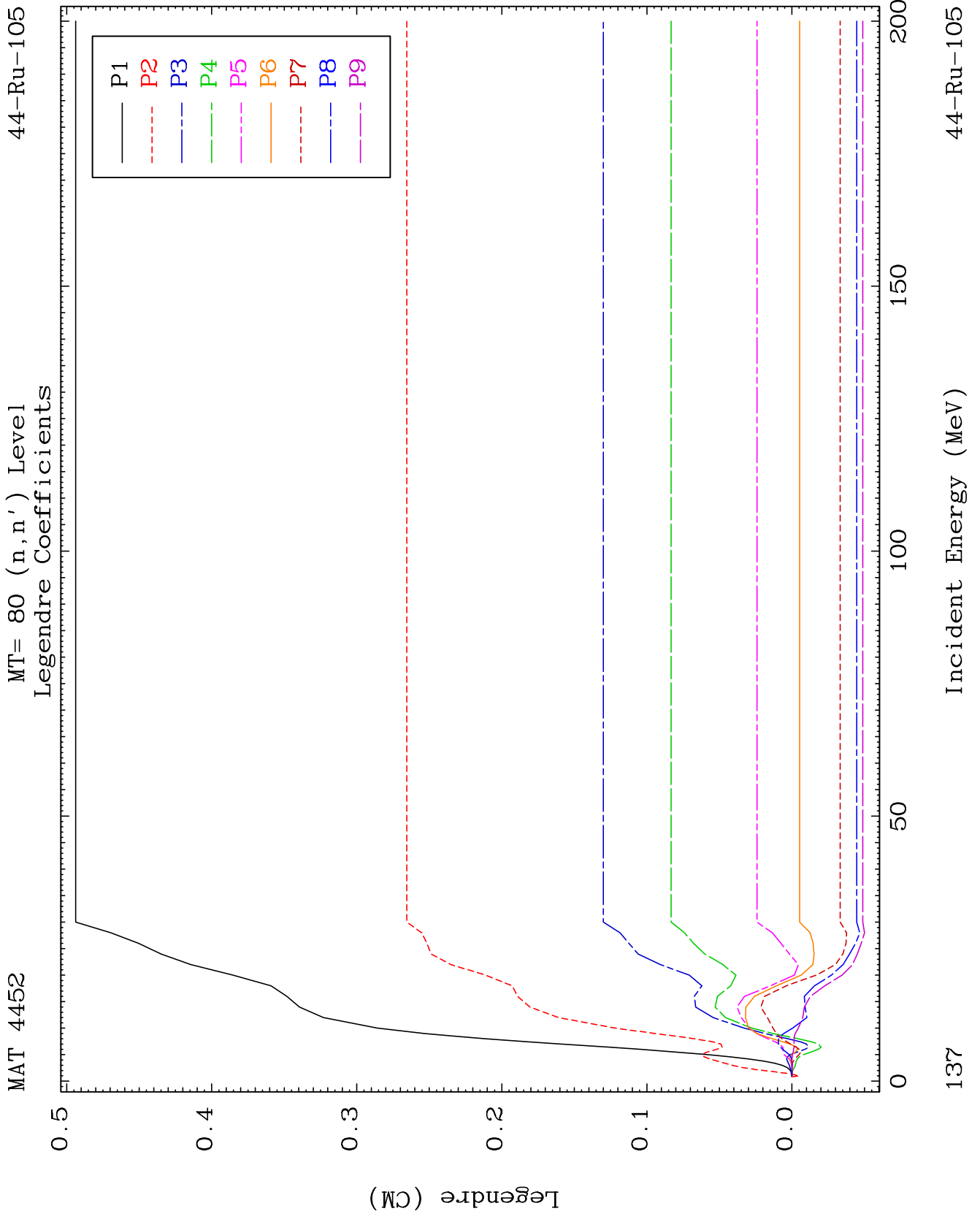
MAT 4452

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

44-Ru-105



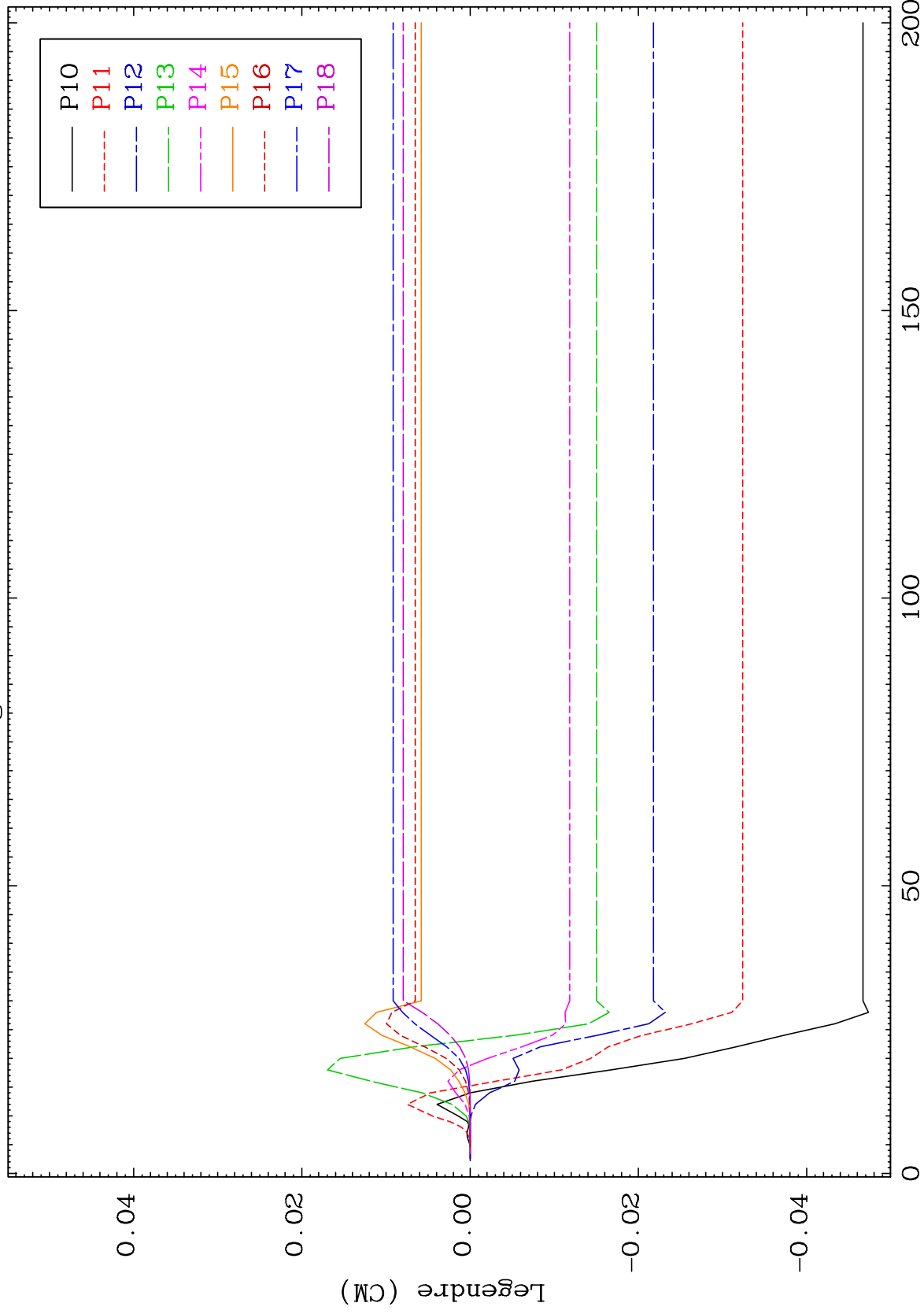
136



MAT 4452

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

44-Ru-105



138

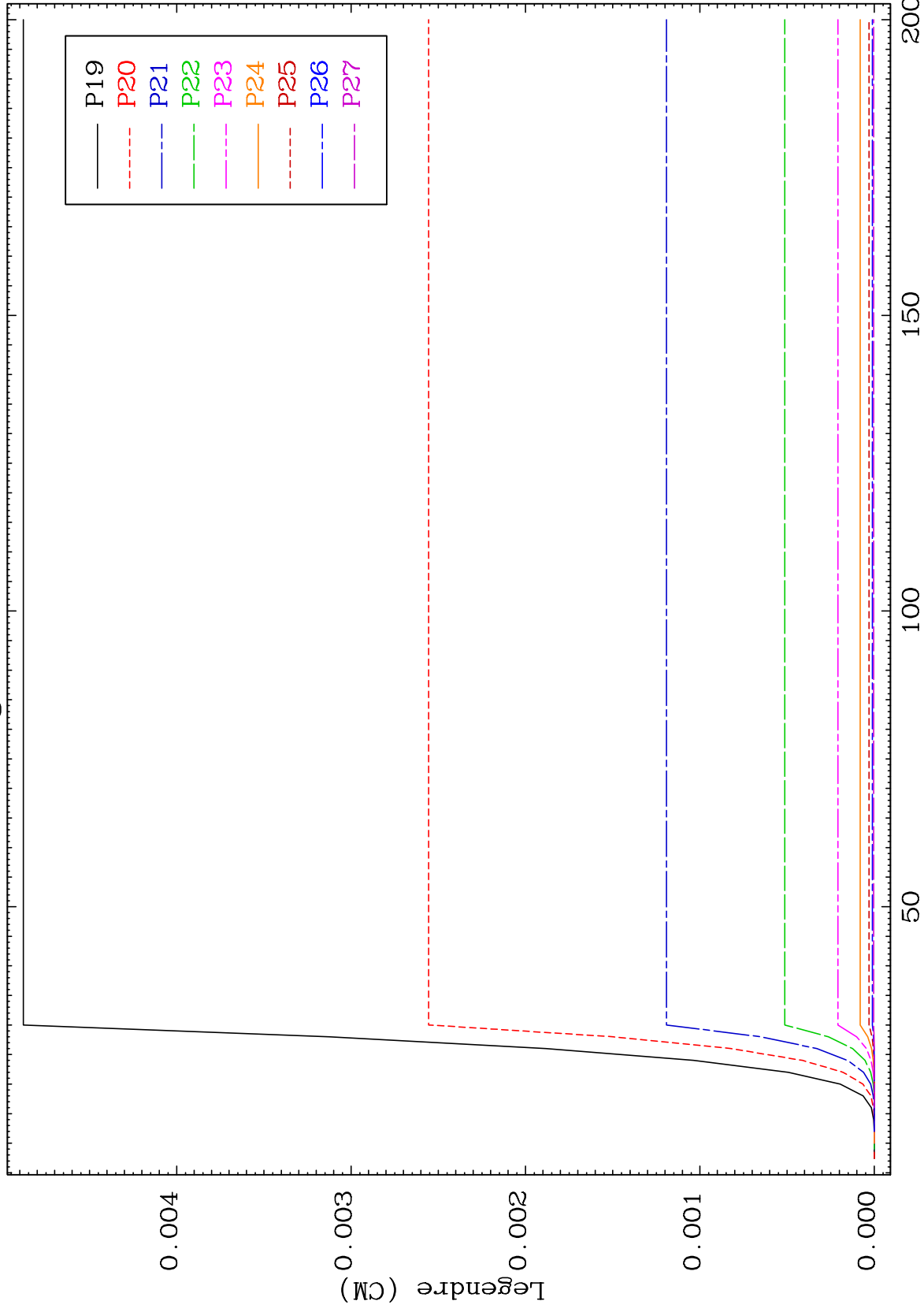
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



139

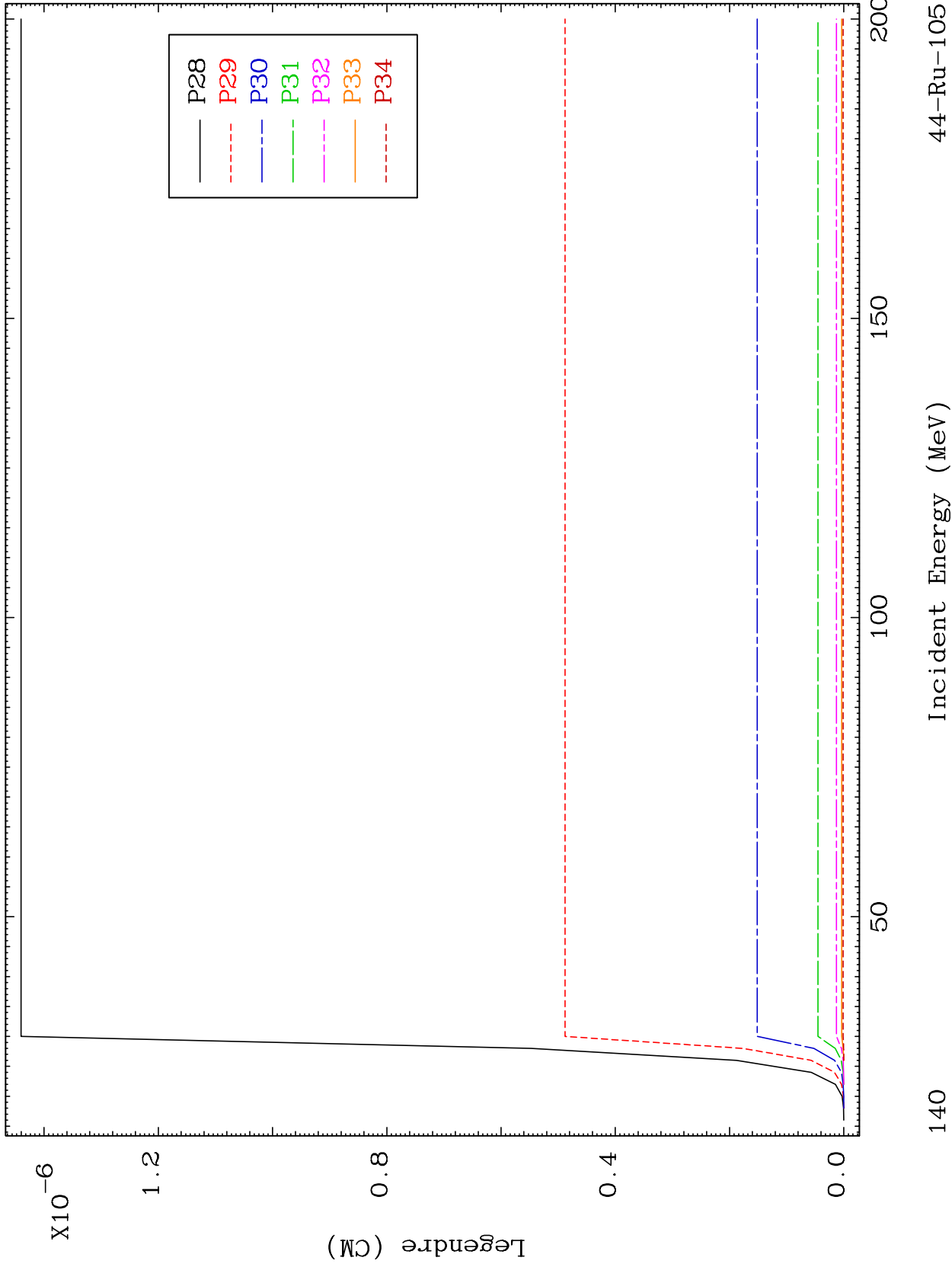
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

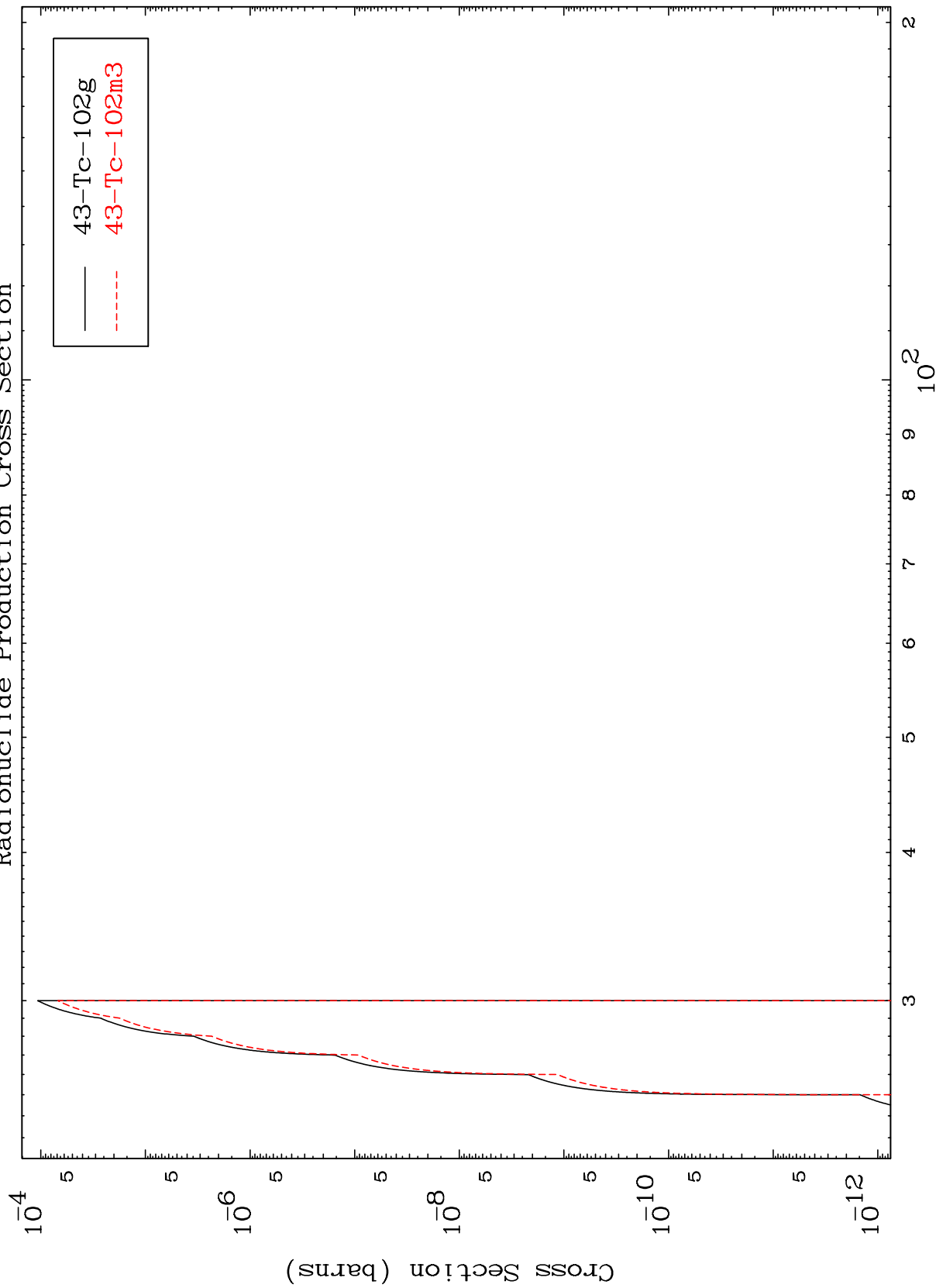


MAT 4452

(n,2n) d

44-Ru-105

Radionuclide Production Cross Section



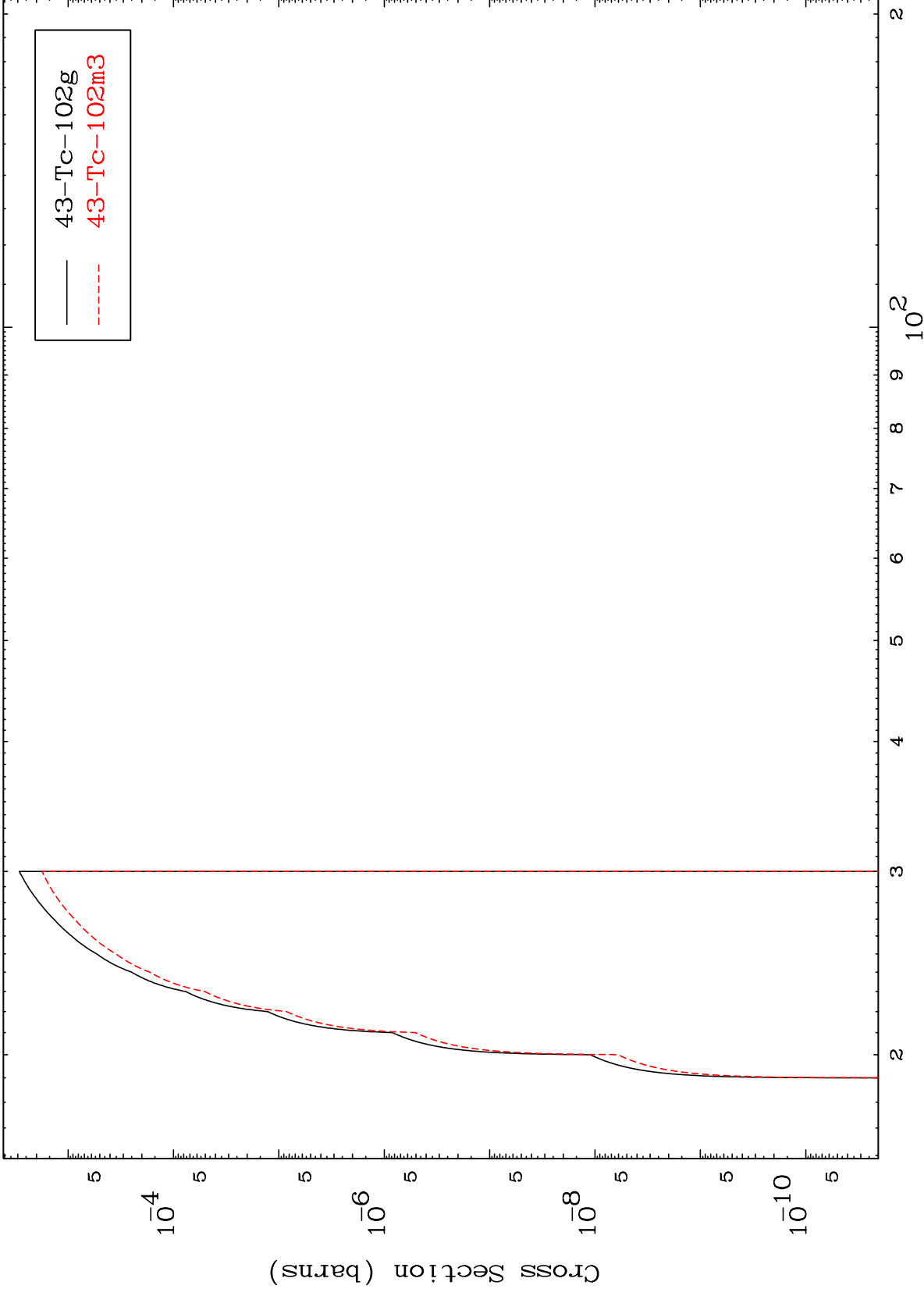
43-Tc-102g
43-Tc-102m3

141

Incident Energy (MeV)

44-Ru-105

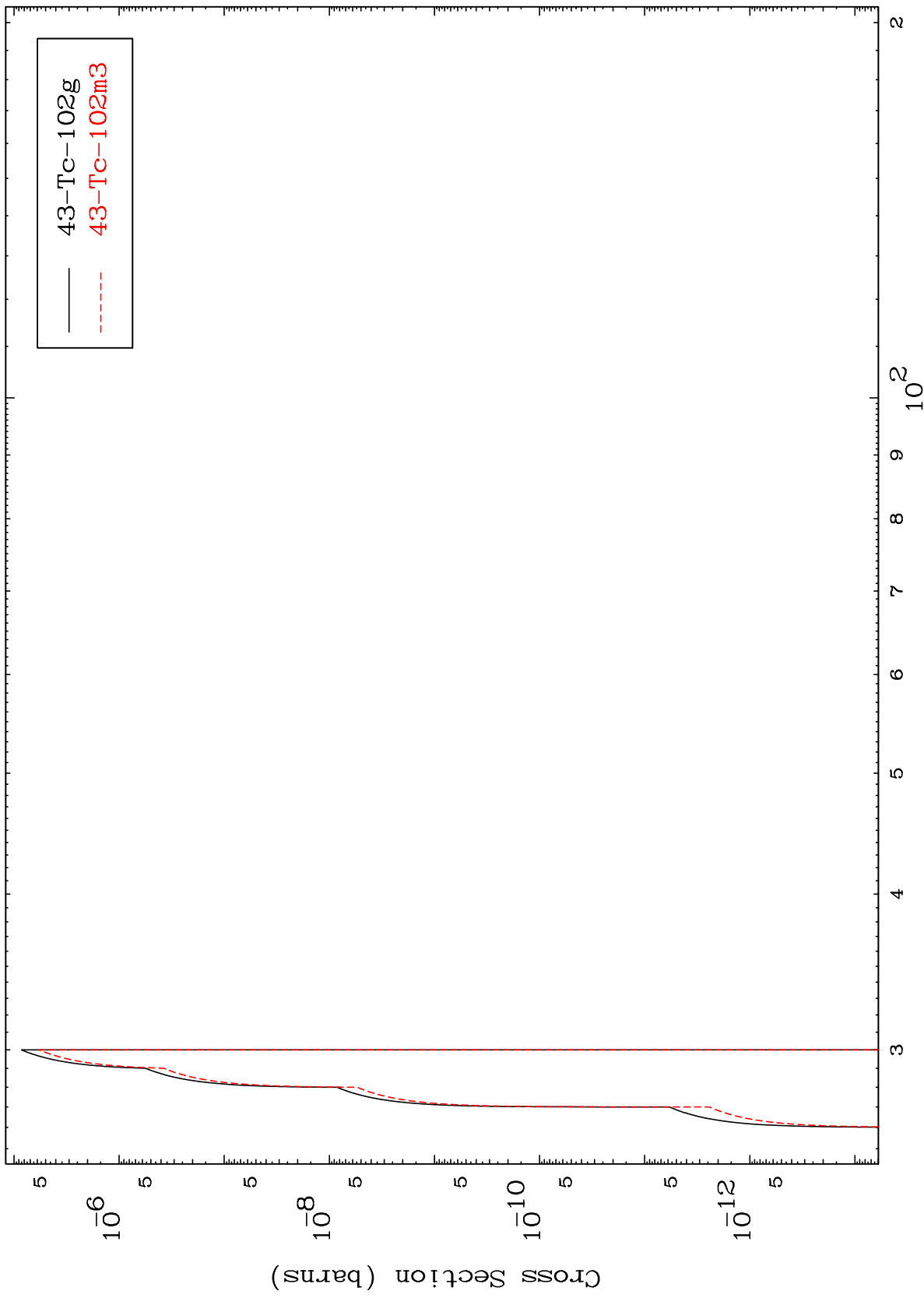
Radionuclide Production Cross Section



MAT 4452

44-Ru-105

(n,3n) p
Radionuclide Production Cross Section



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Incident Energy (MeV)

44-Ru-105