

Program EVALPLOT
(Version 2017-1)

by

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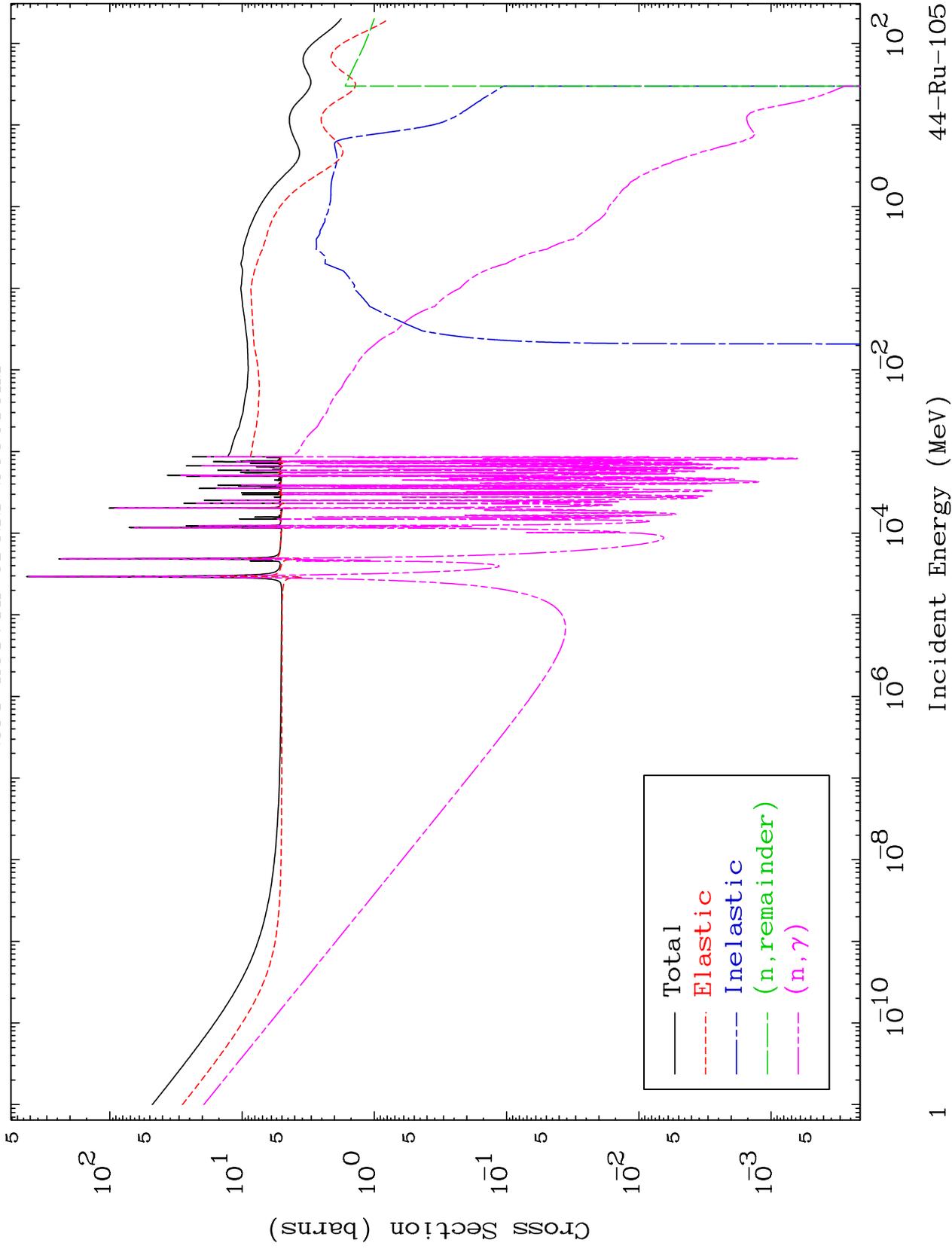
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MAT 4452

Major

293 Kelvin Cross Sections

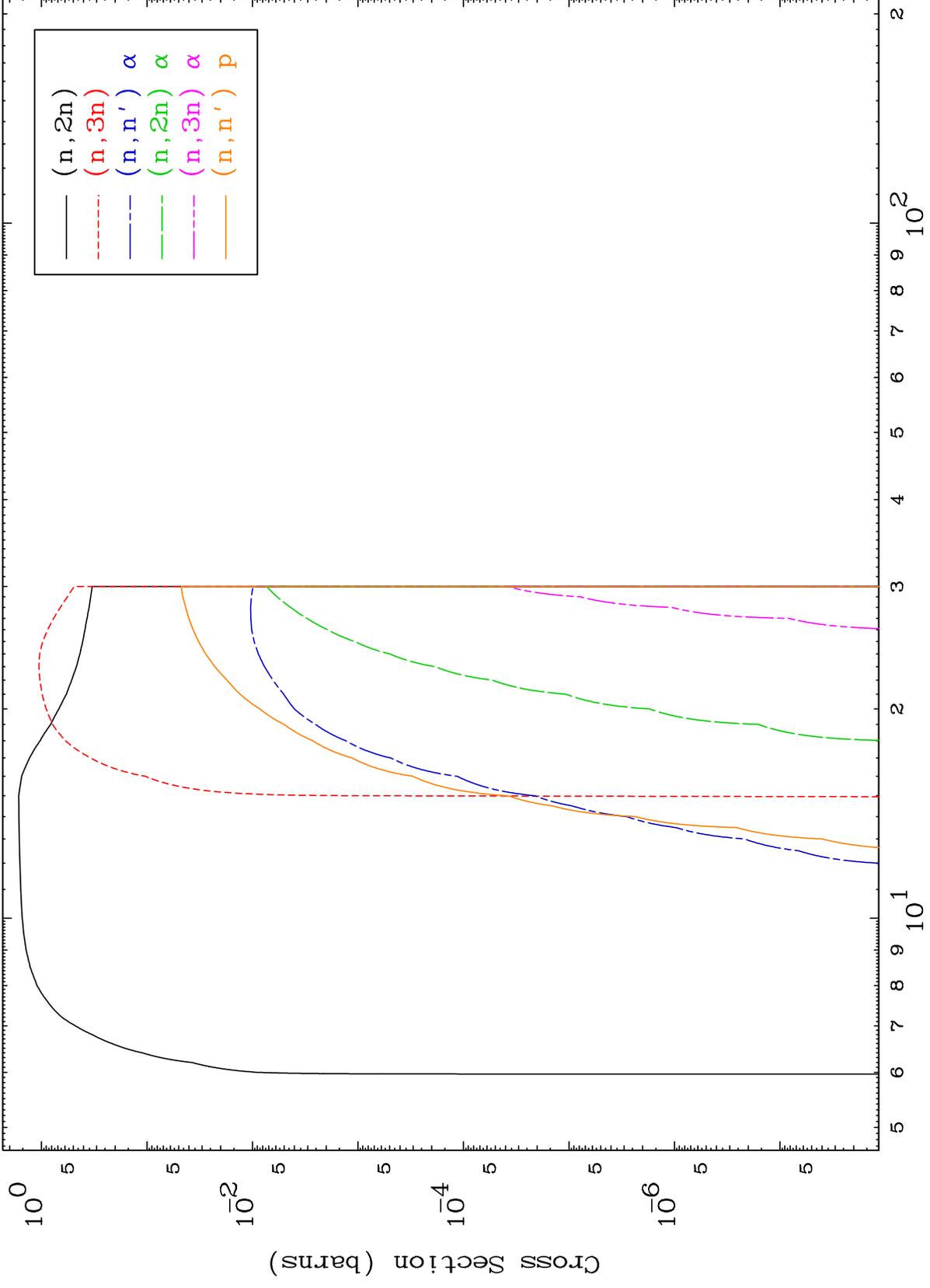
44-Ru-105



MAT 4452

Neutron Production
293 Kelvin Cross Sections

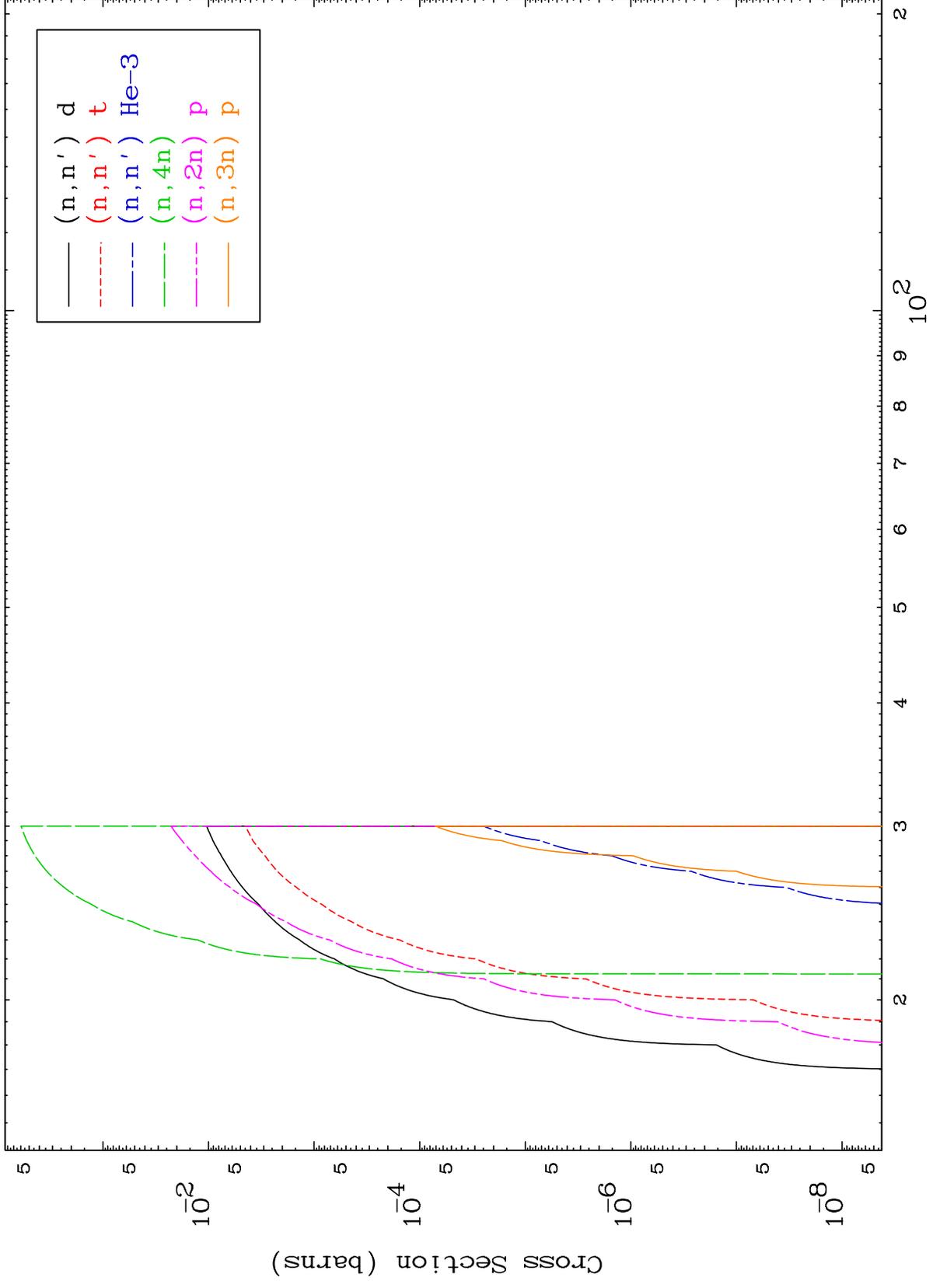
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2

Incident Energy (MeV)

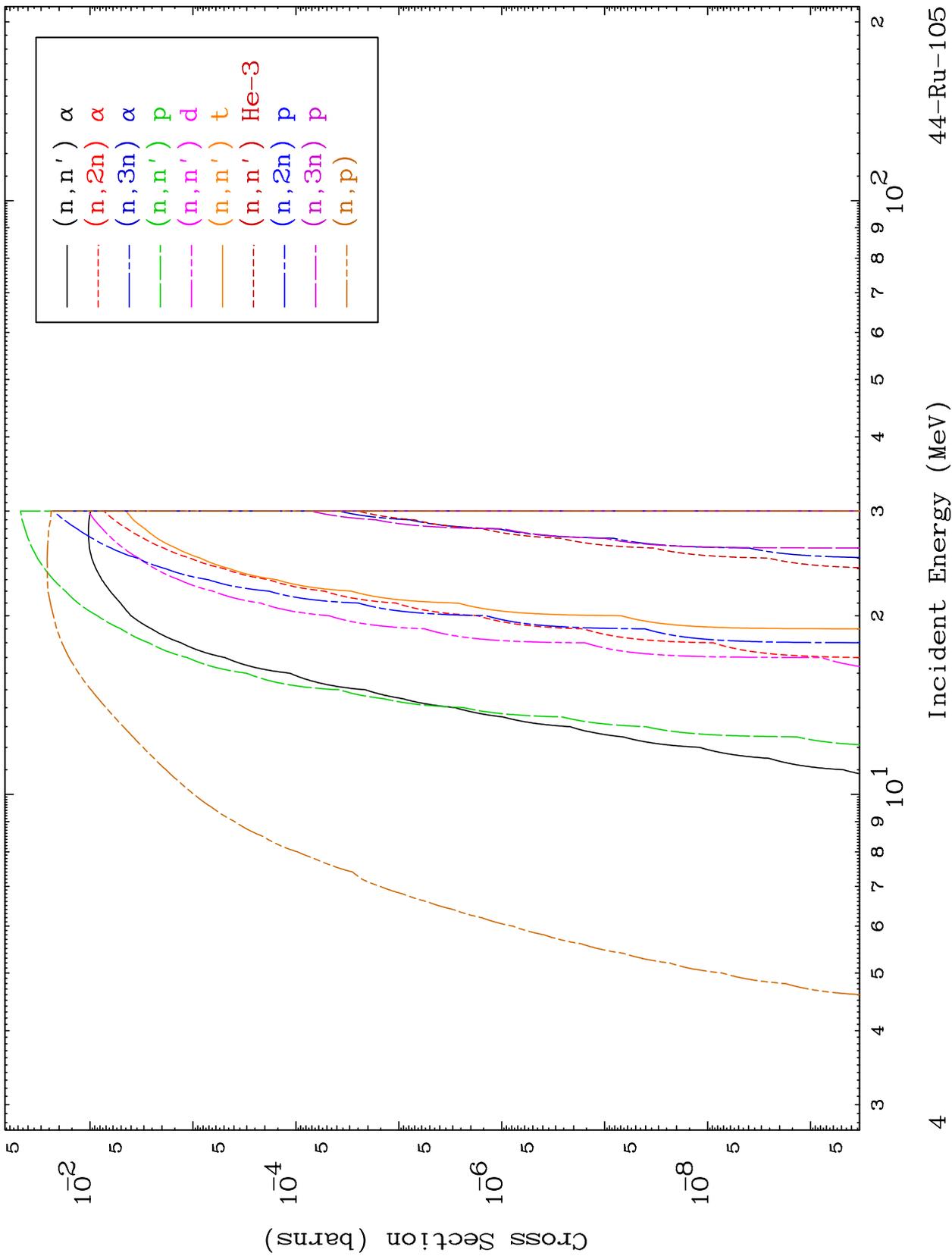
44-Ru-105



MAT 4452

Charged Particle
293 Kelvin Cross Sections

44-Ru-105



44-Ru-105

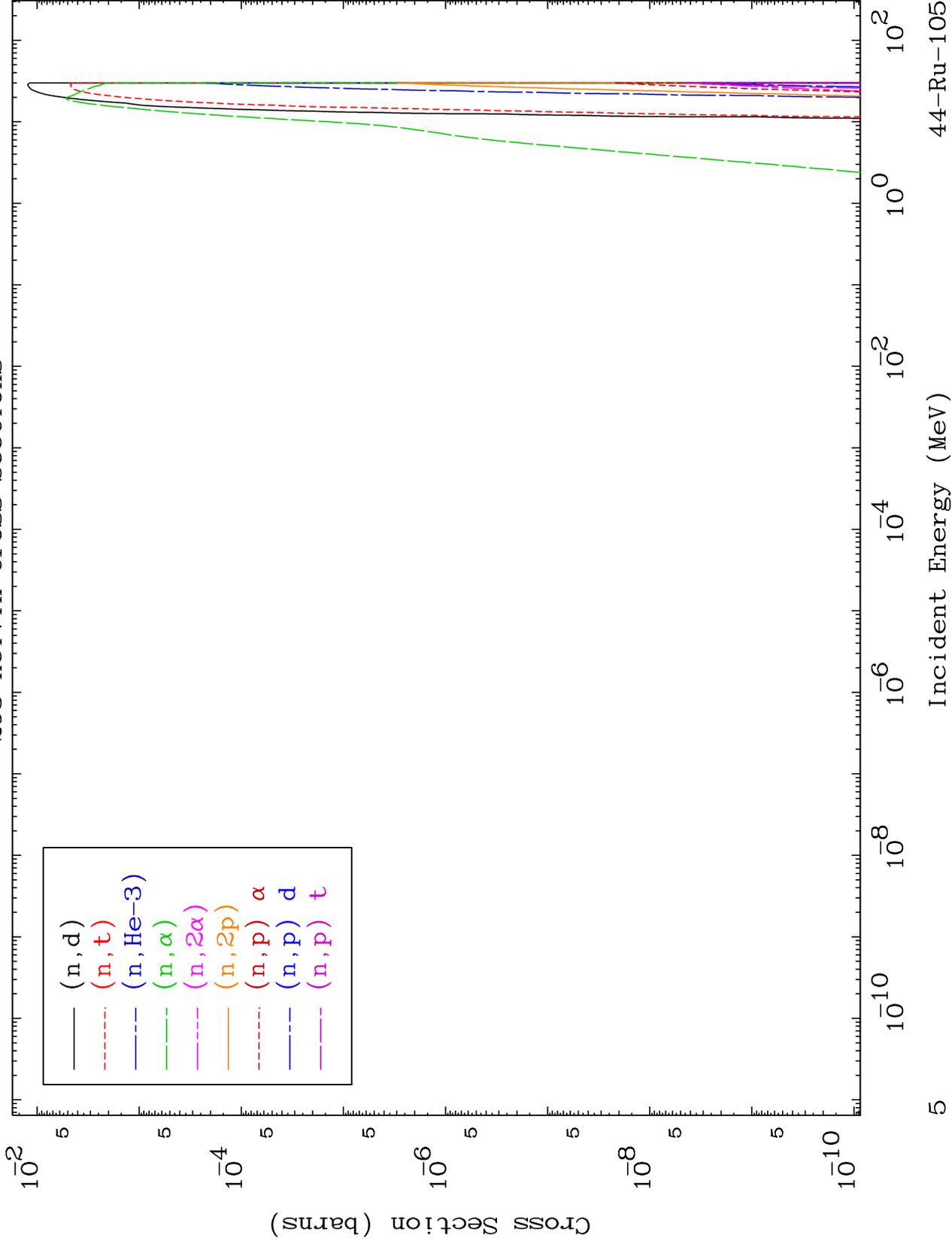
Incident Energy (MeV)

4

MAT 4452

Charged Particle
293 Kelvin Cross Sections

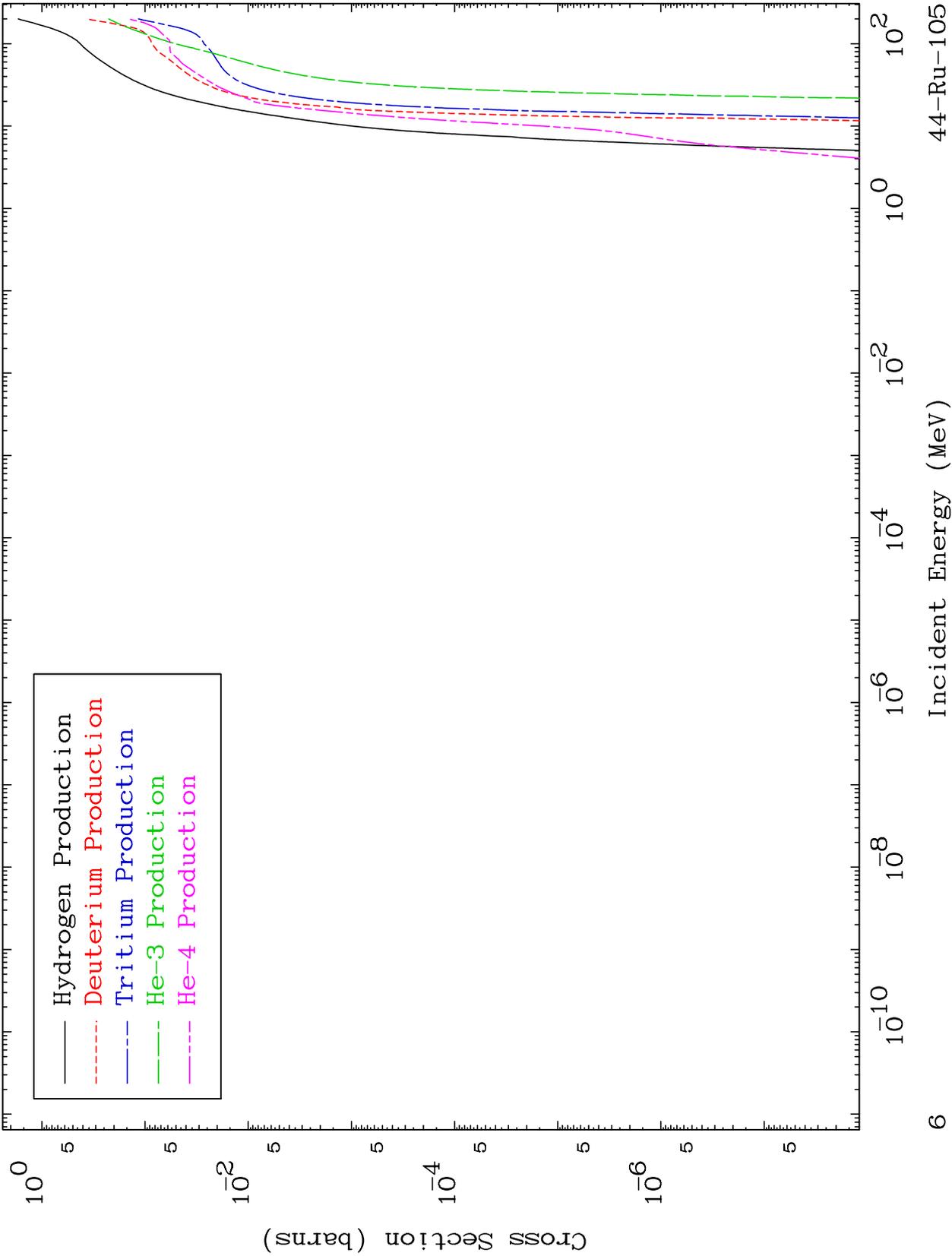
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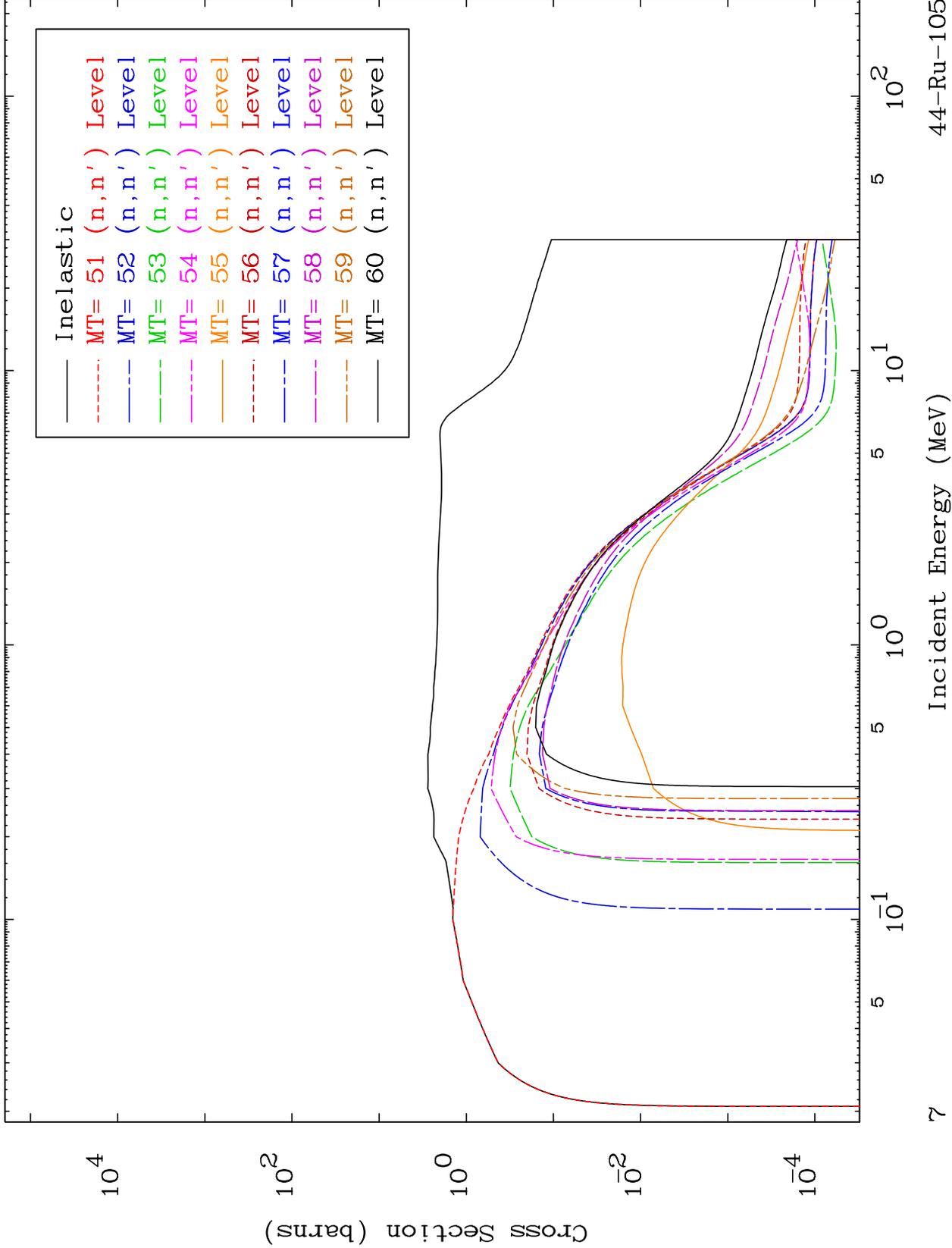
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Particle Production
293 Kelvin Cross Sections

44-Ru-105



293 Kelvin Cross Sections

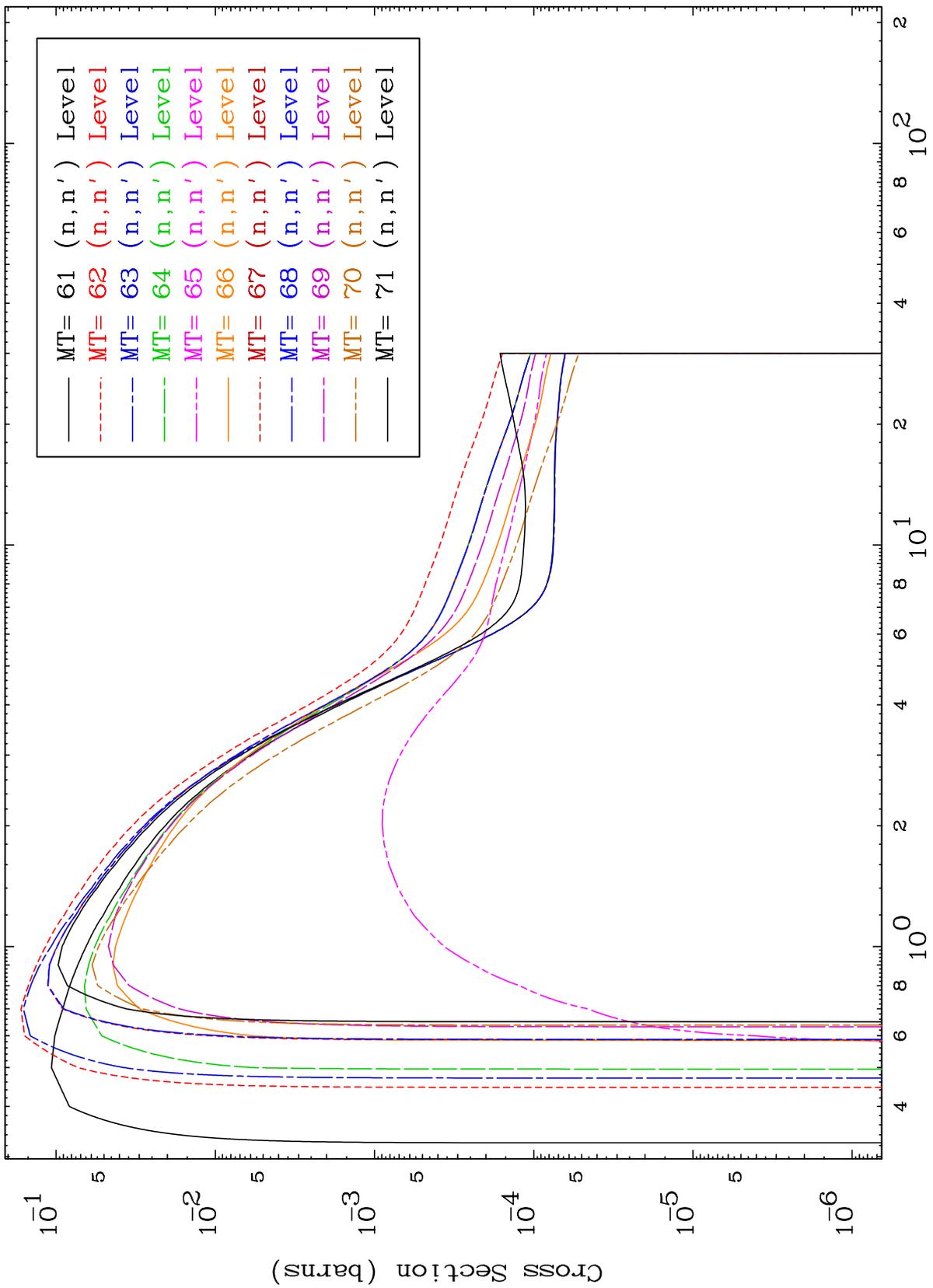


MAT 4452

(n,n') Level

44-Ru-105

293 Kelvin Cross Sections

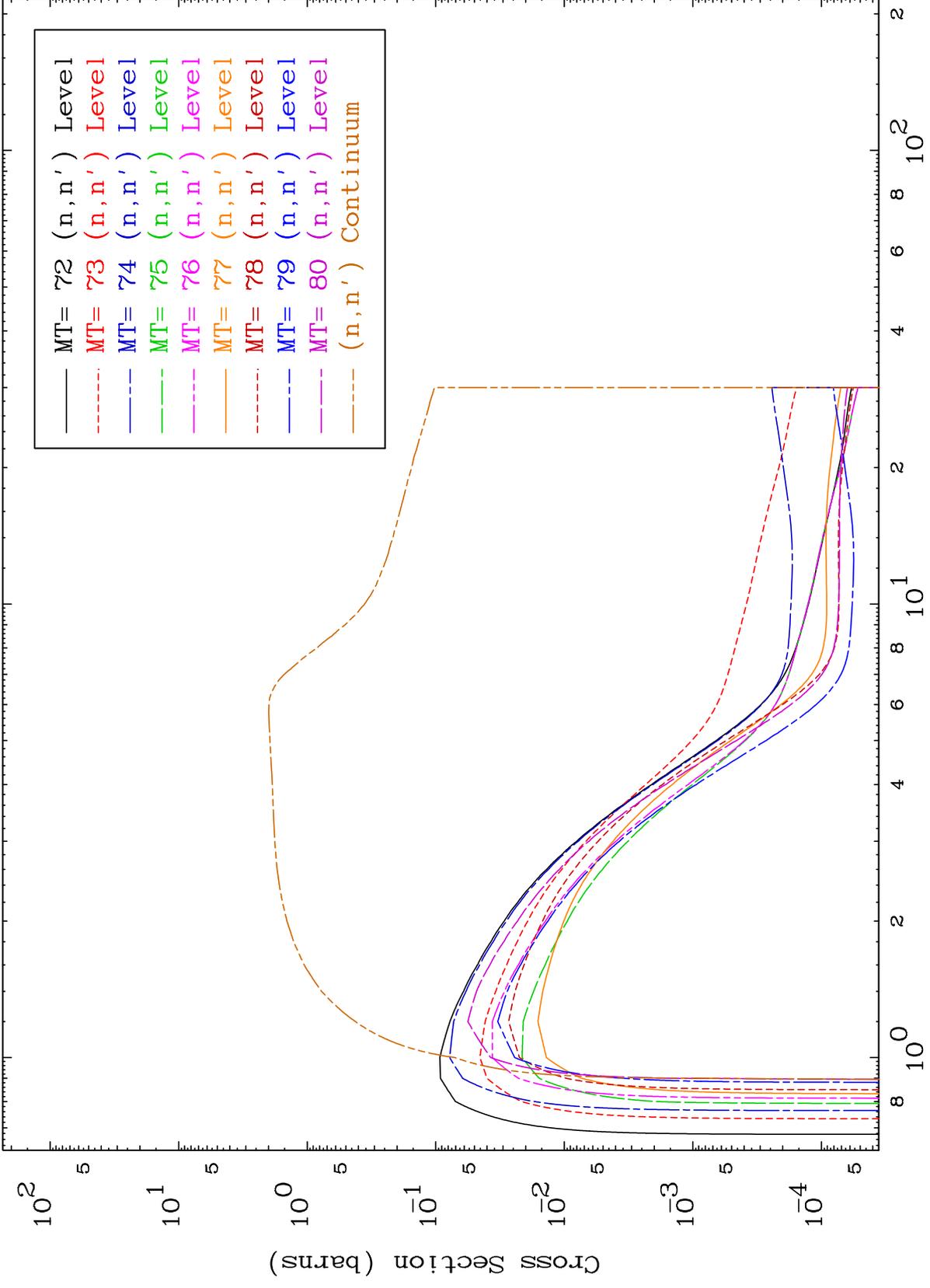


8

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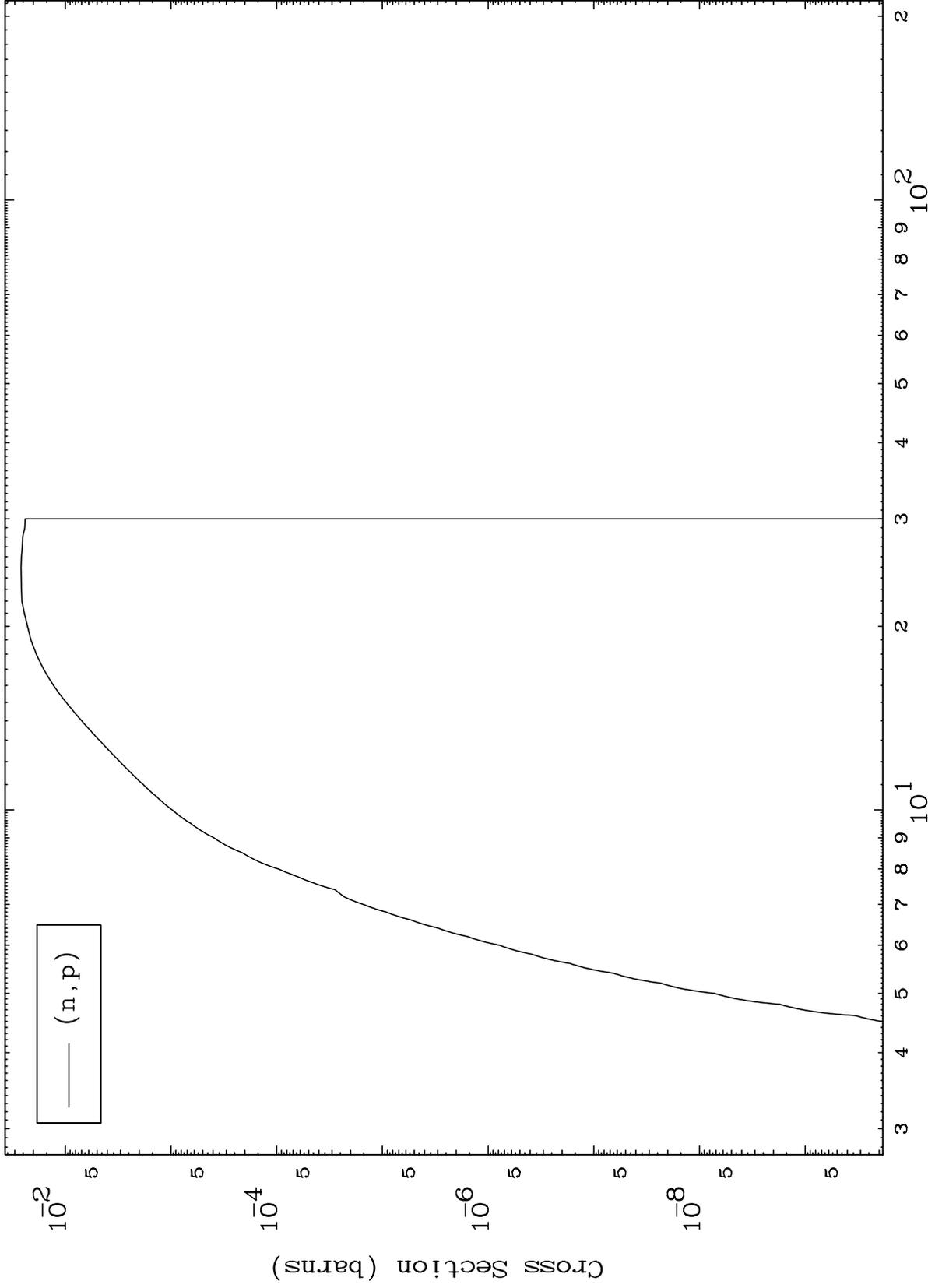
293 Kelvin Cross Sections



MAT 4452

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-105



10

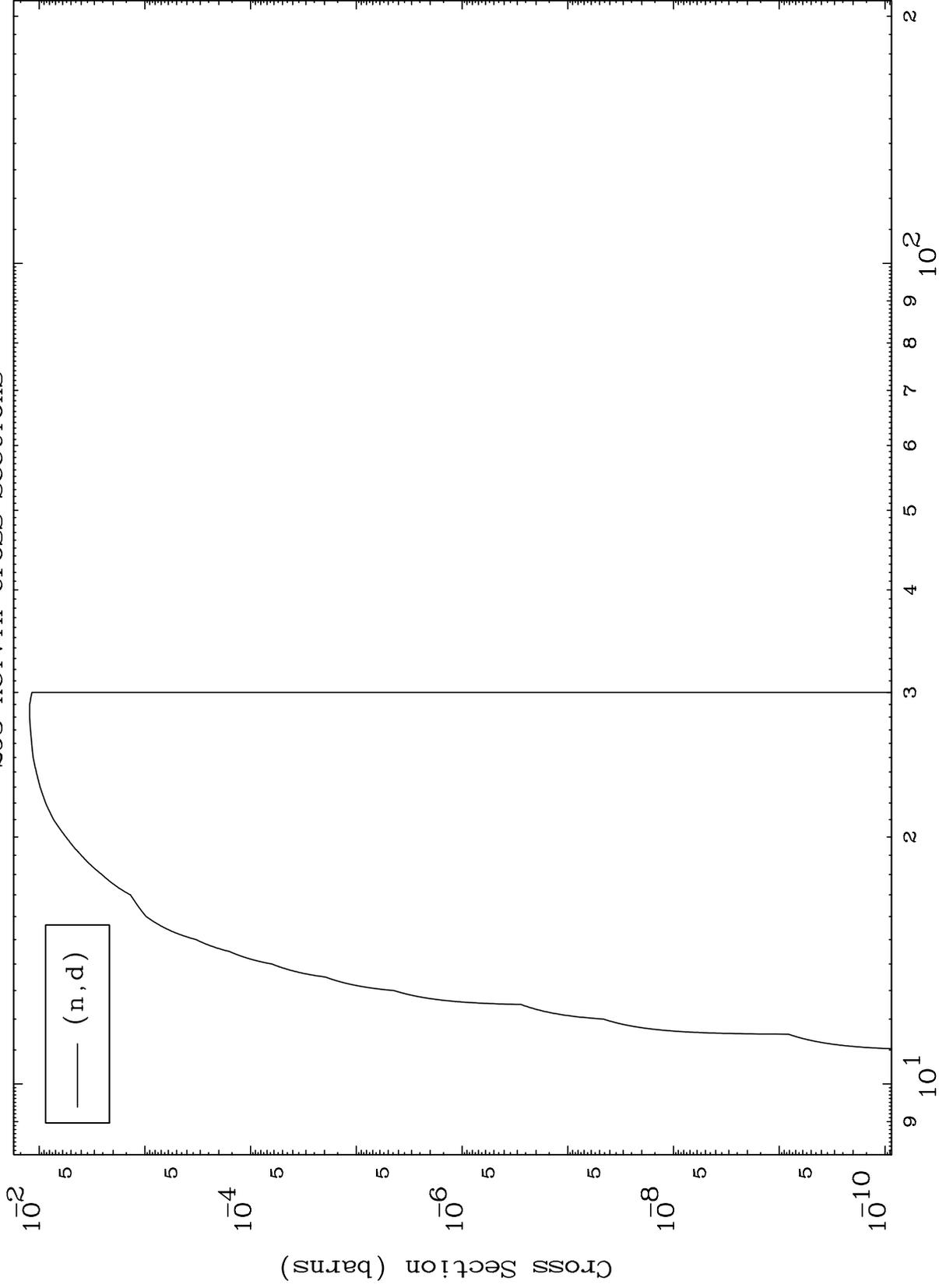
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44-Ru-105

MAT 4452

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-105



11

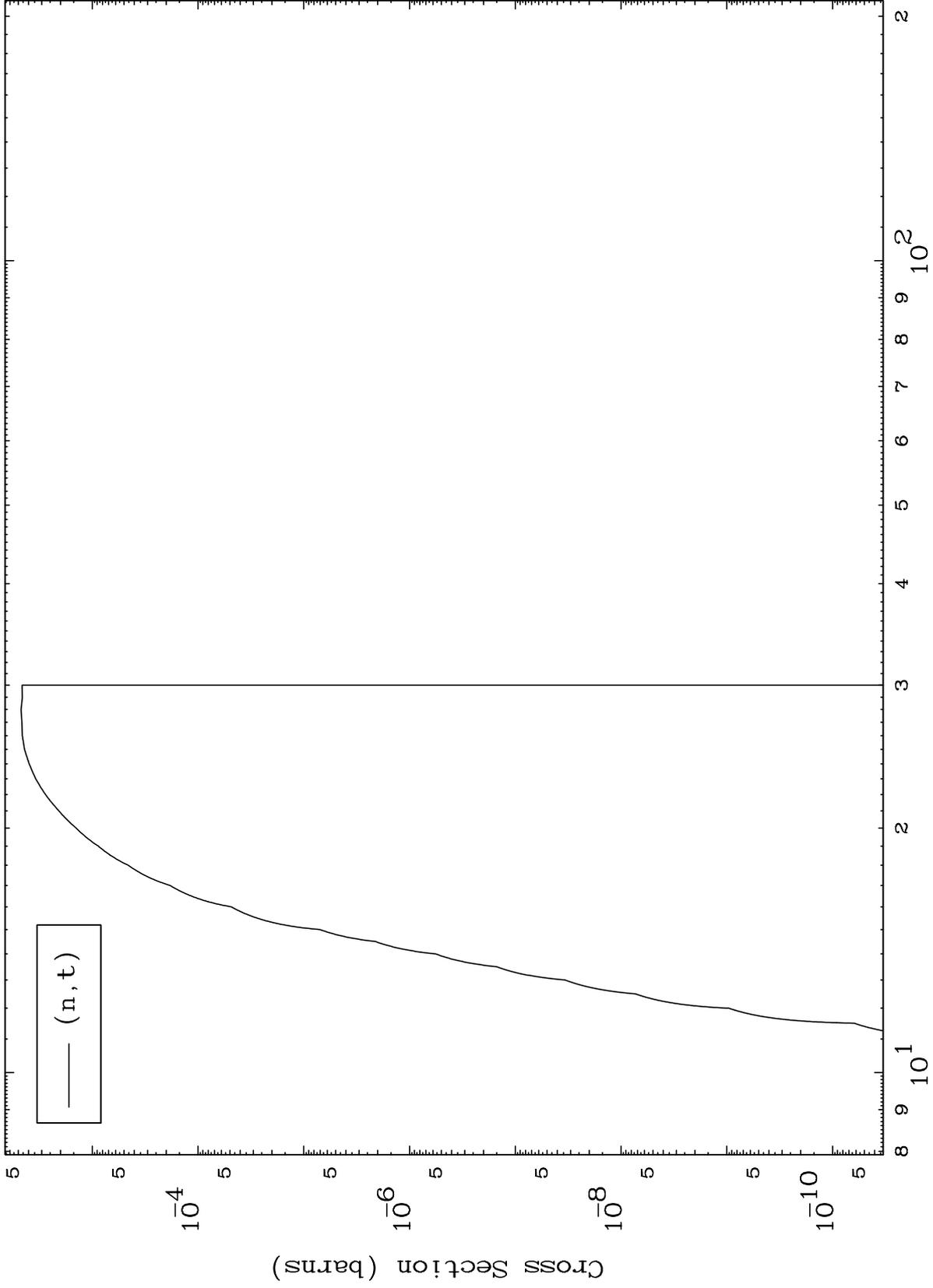
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44-Ru-105

MAT 4452

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-105



12

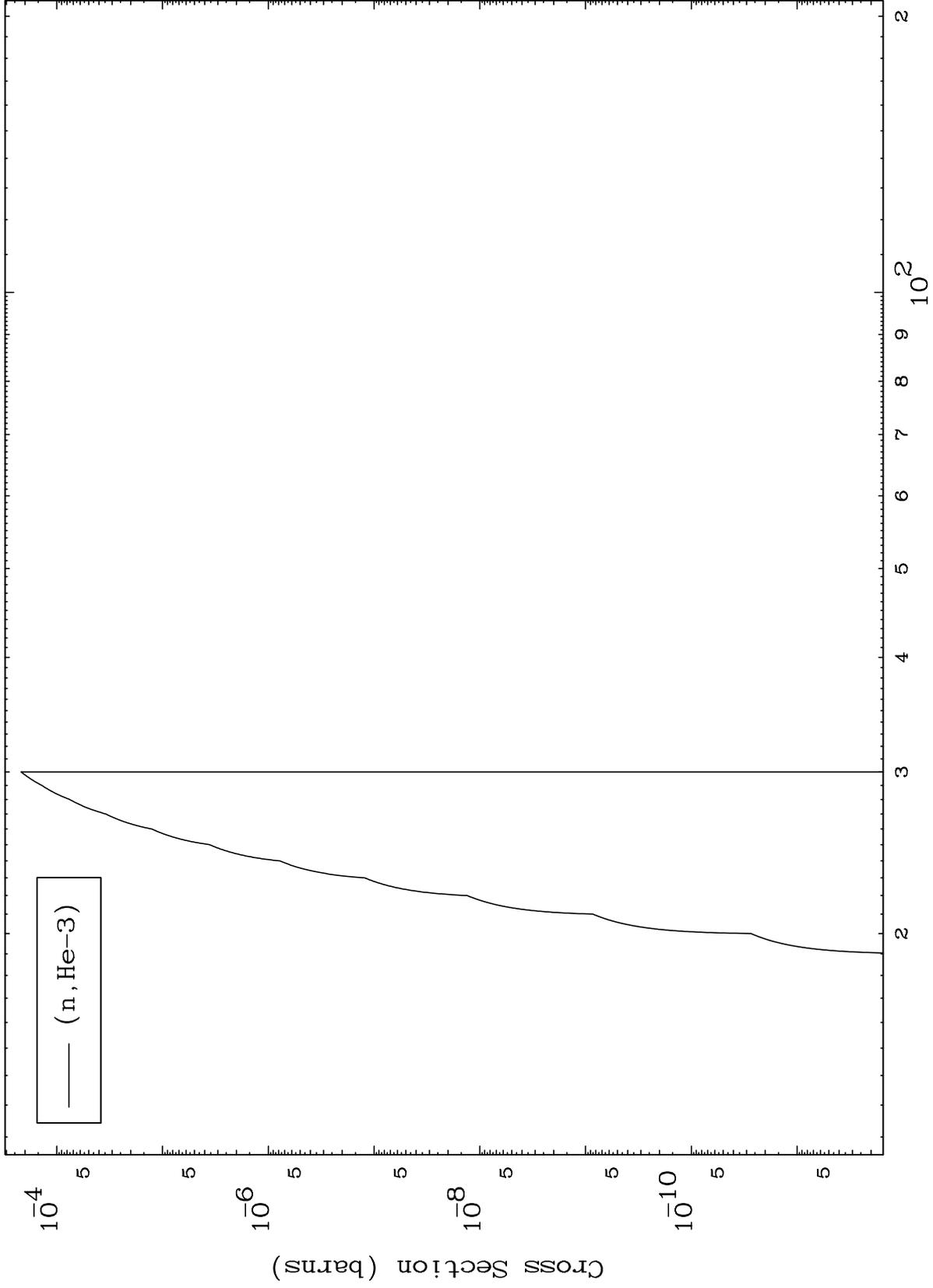
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MAT 4452

(n,He3) Levels
293 Kelvin Cross Sections

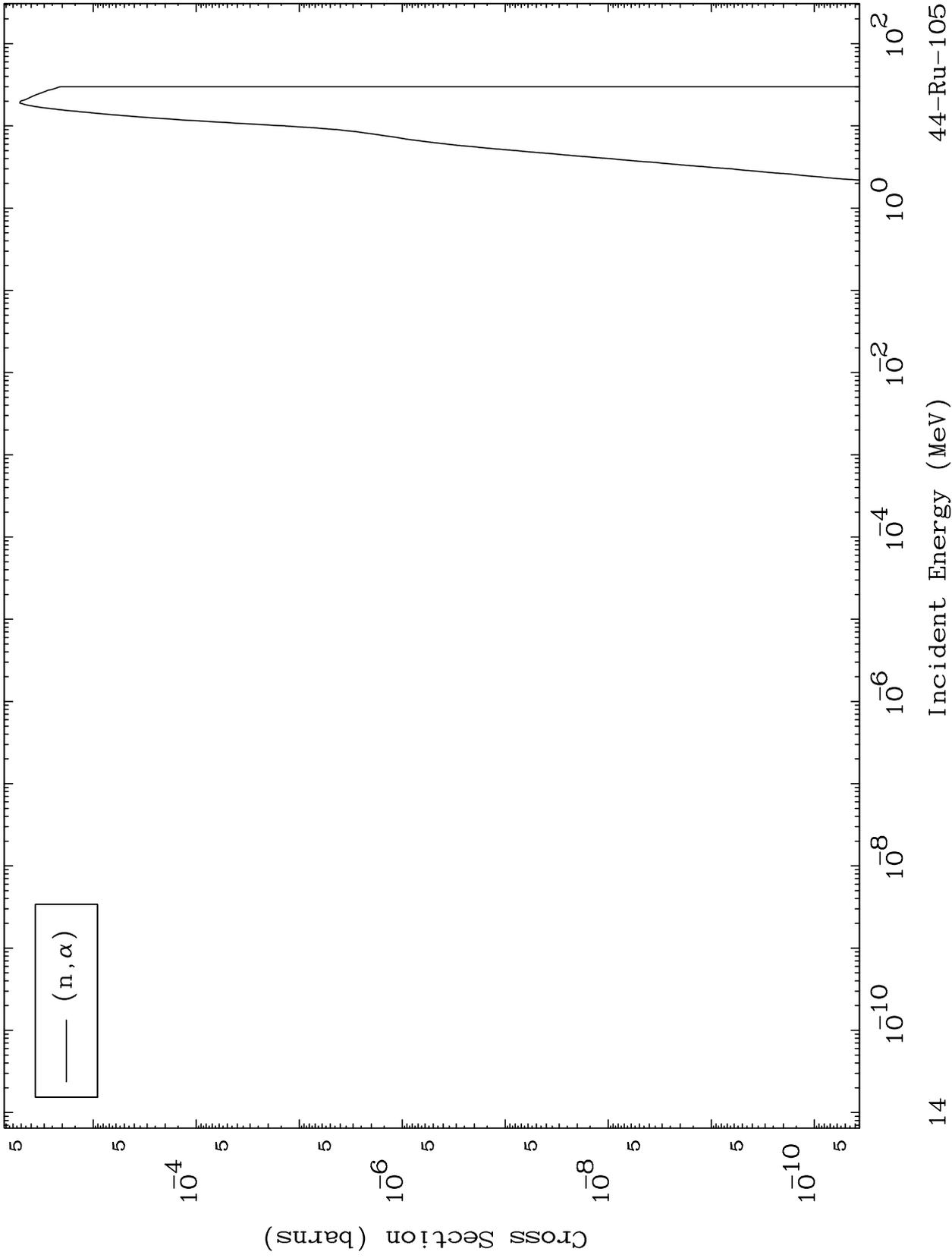
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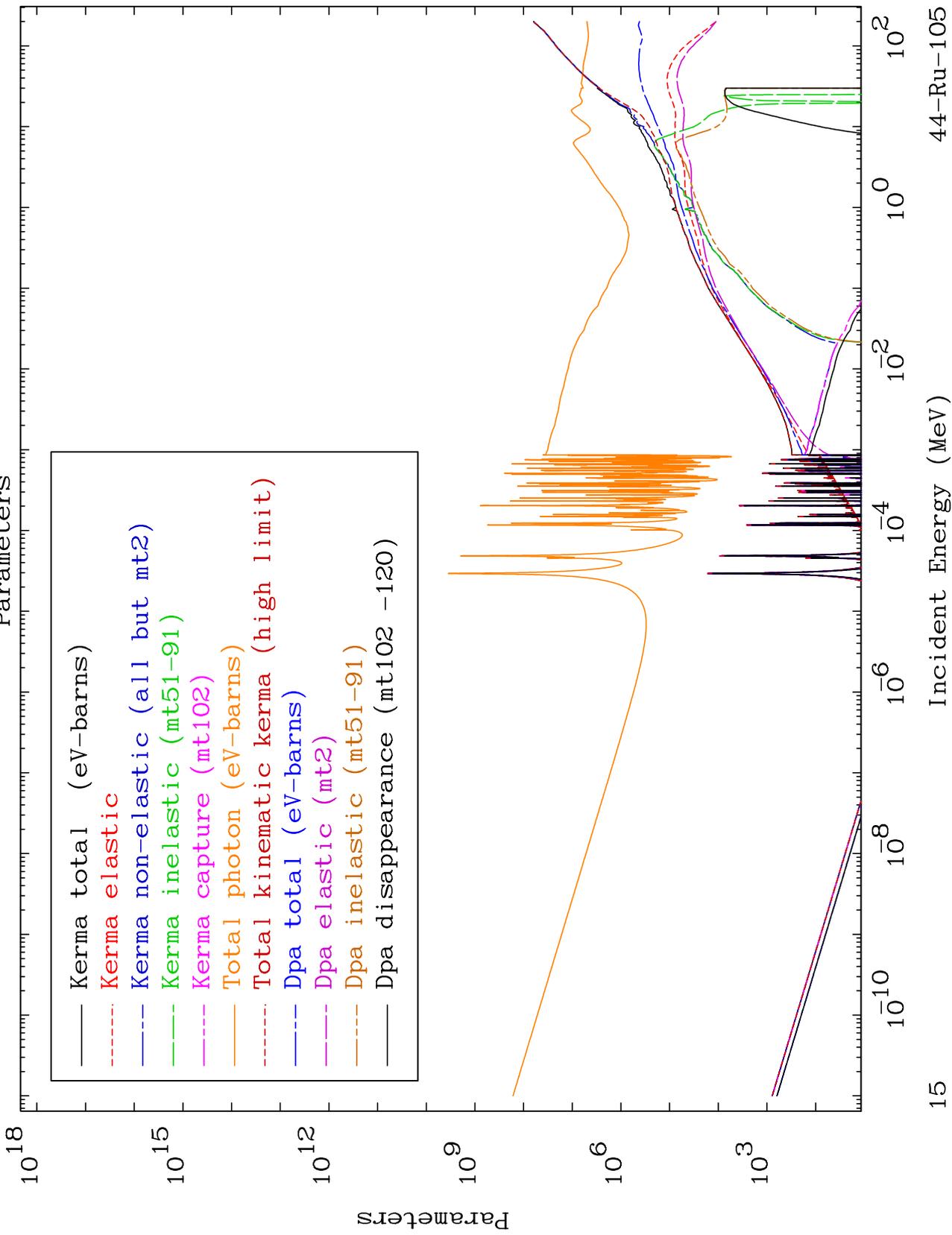


MAT 4452

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-105

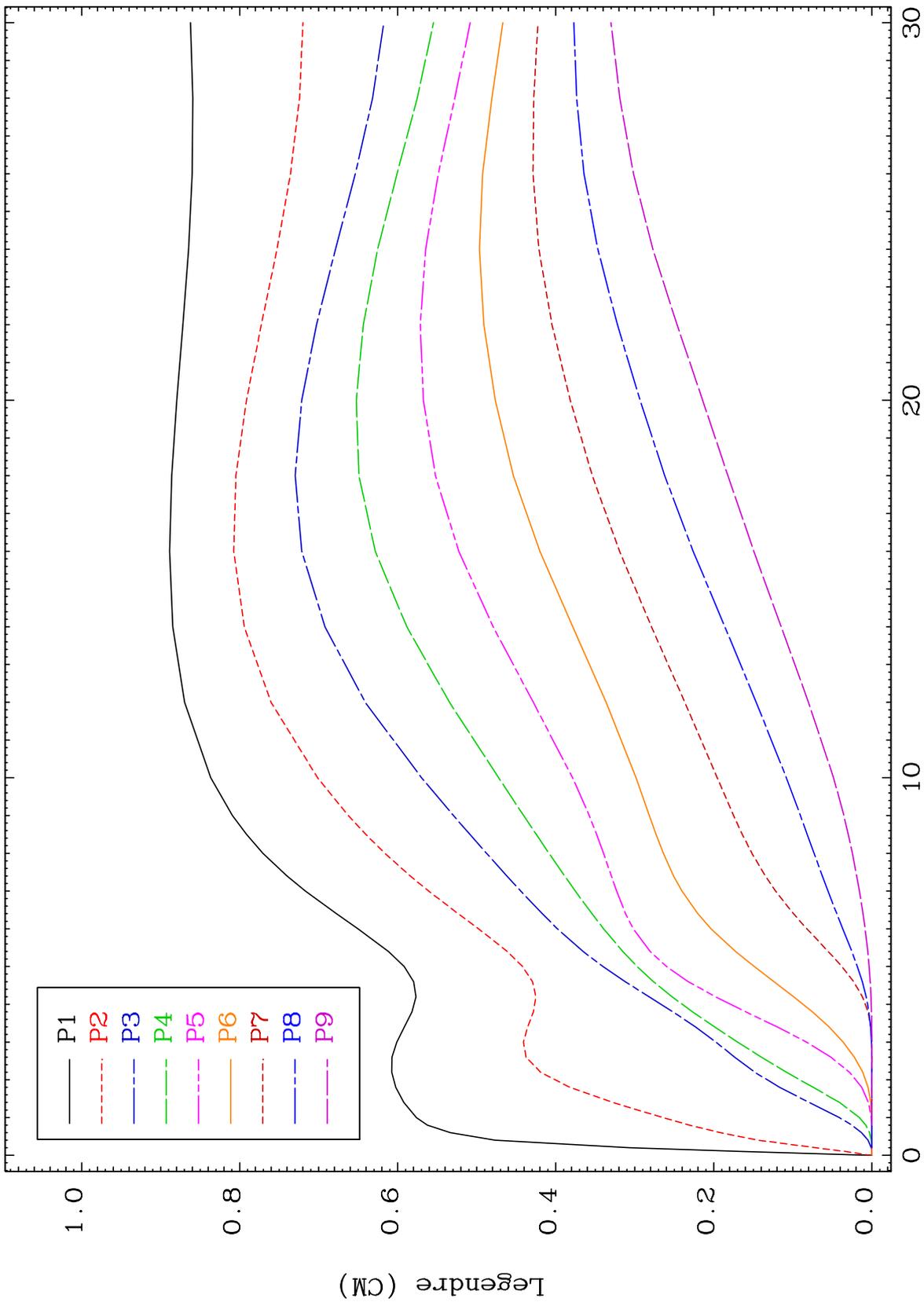




MAT 4452

Elastic Legendre Coefficients

44-Ru-105

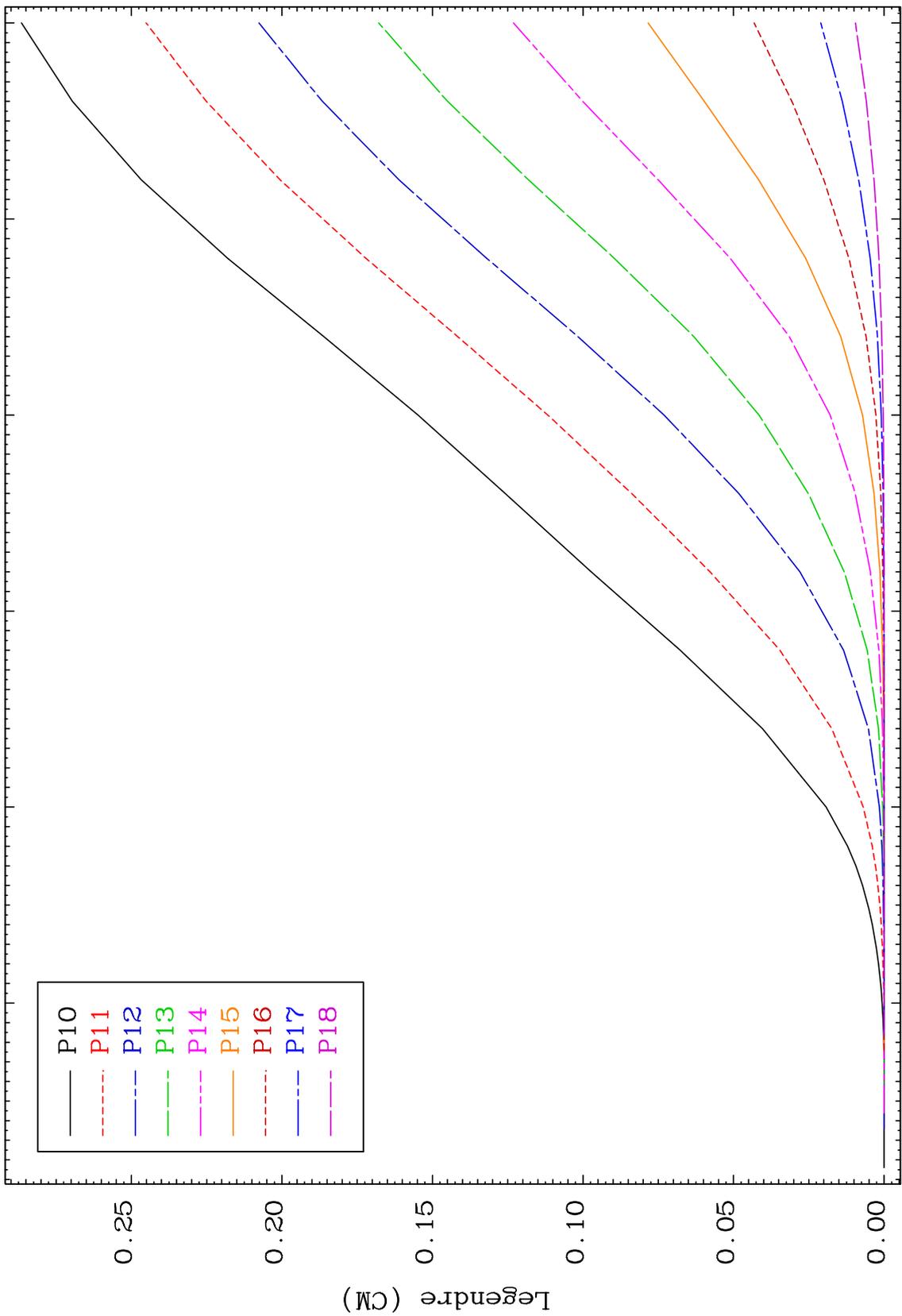


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Incident Energy (MeV)

44-Ru-105

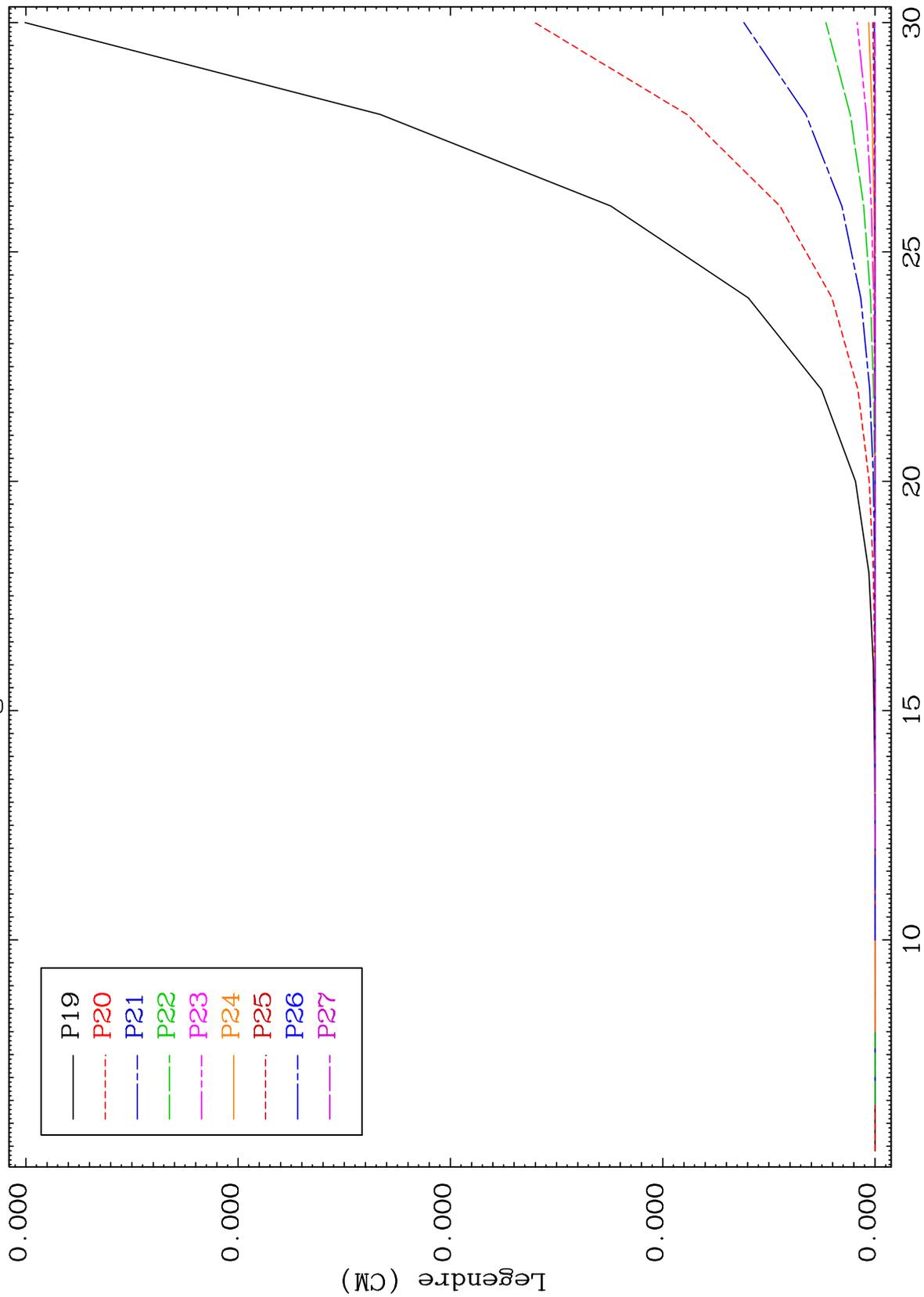
Elastic Legendre Coefficients



MAT 4452

Elastic
Legendre Coefficients

44-Ru-105



18

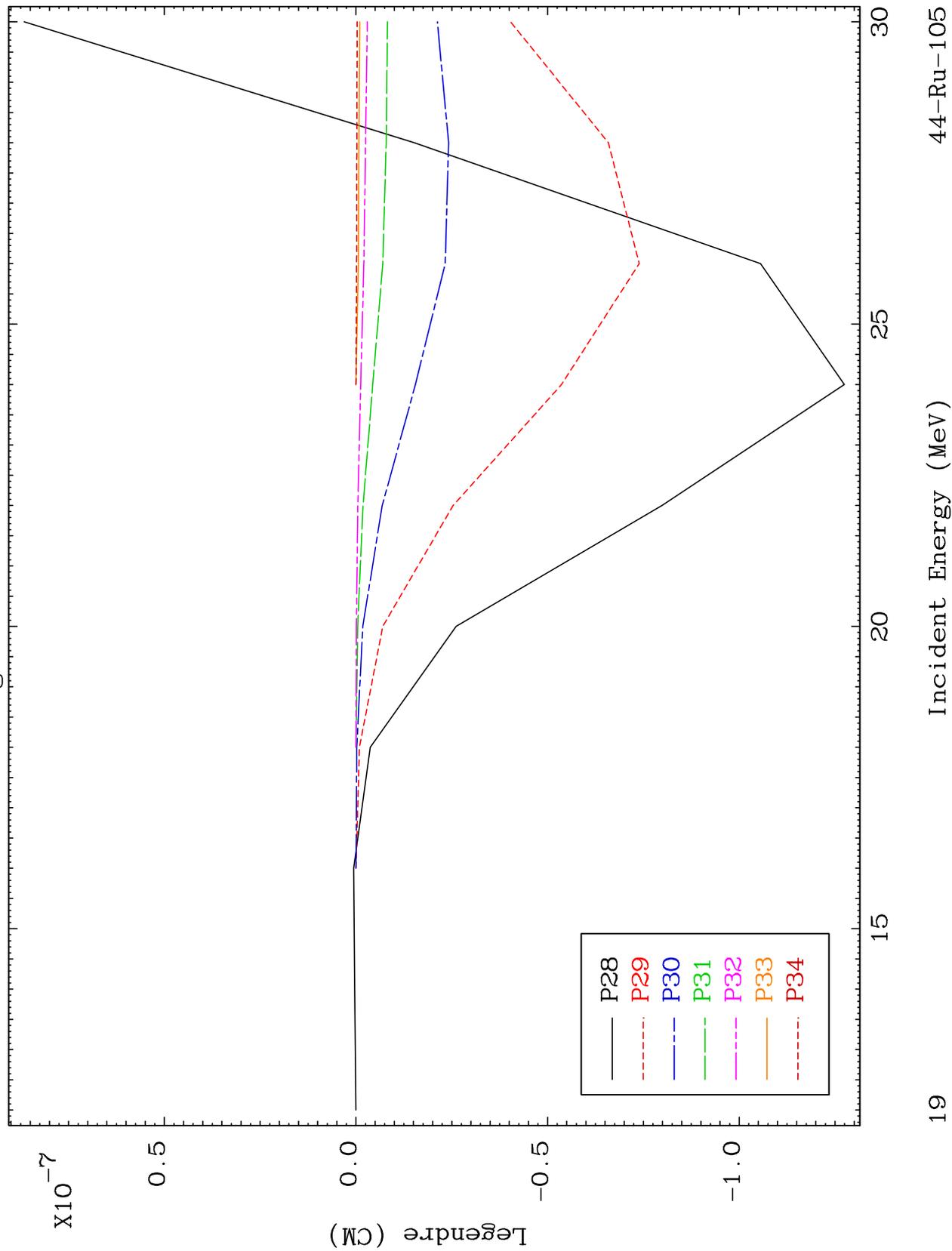
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic
Legendre Coefficients

44-Ru-105



19

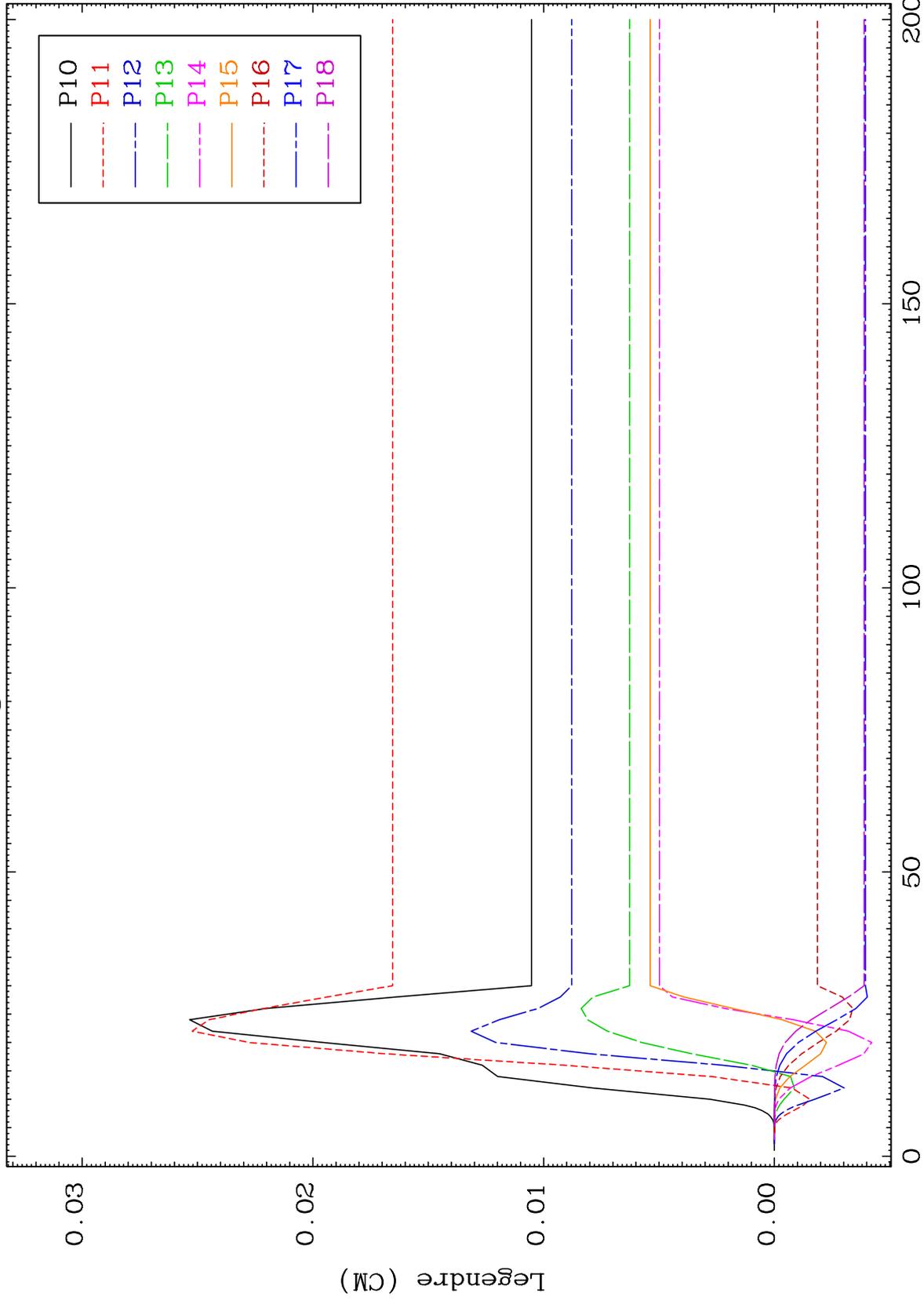
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

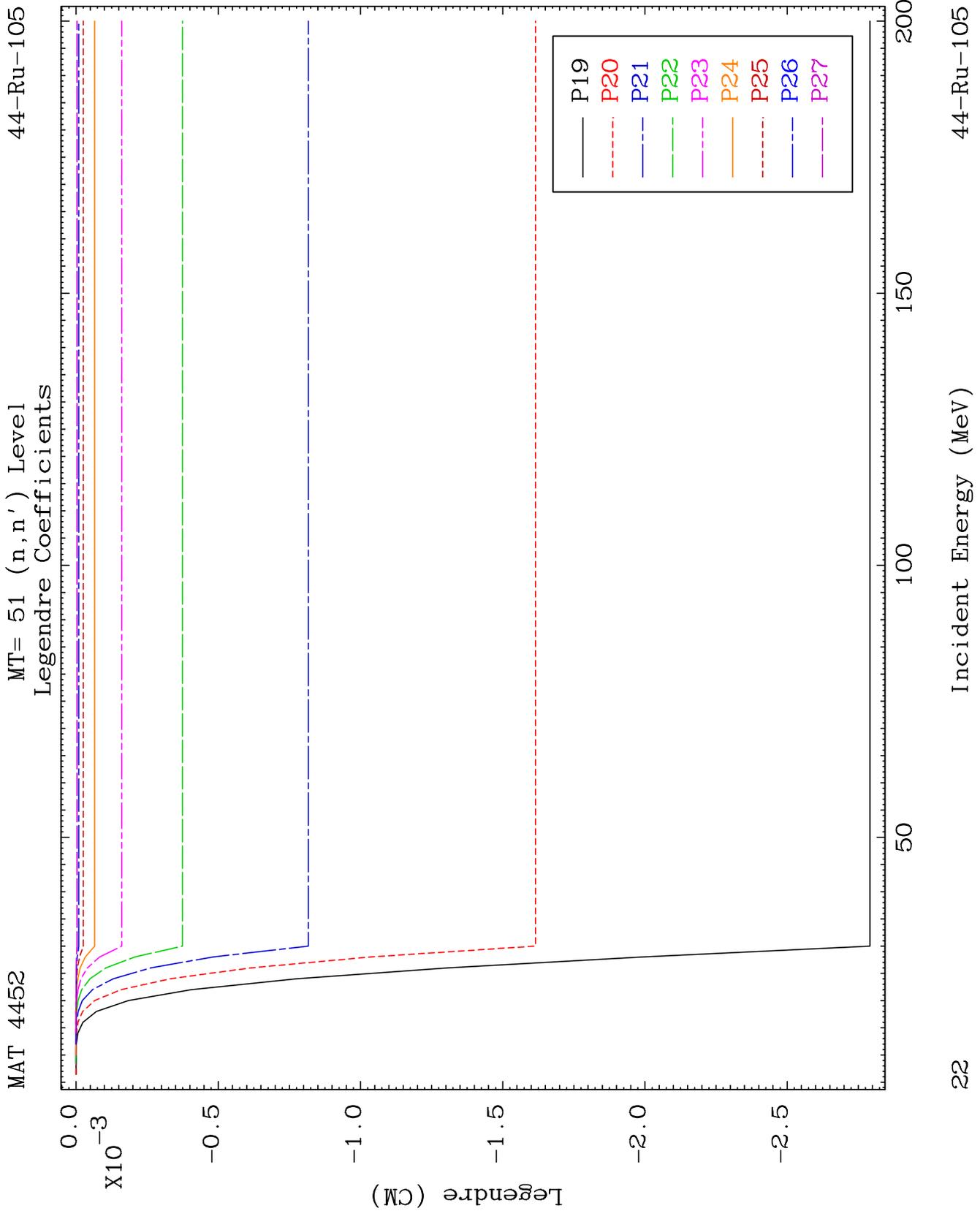
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21

Incident Energy (MeV)

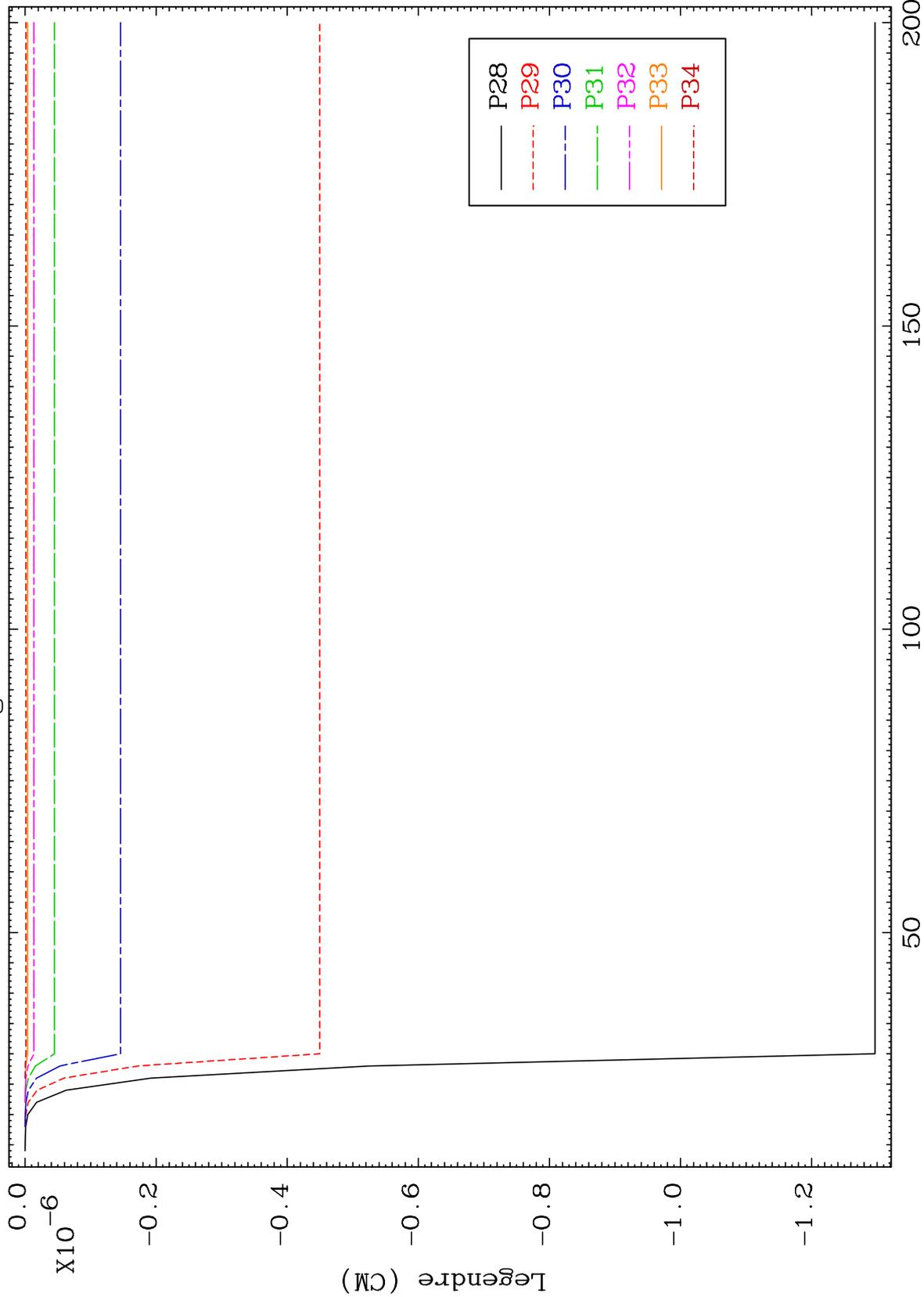
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MAT 4452

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

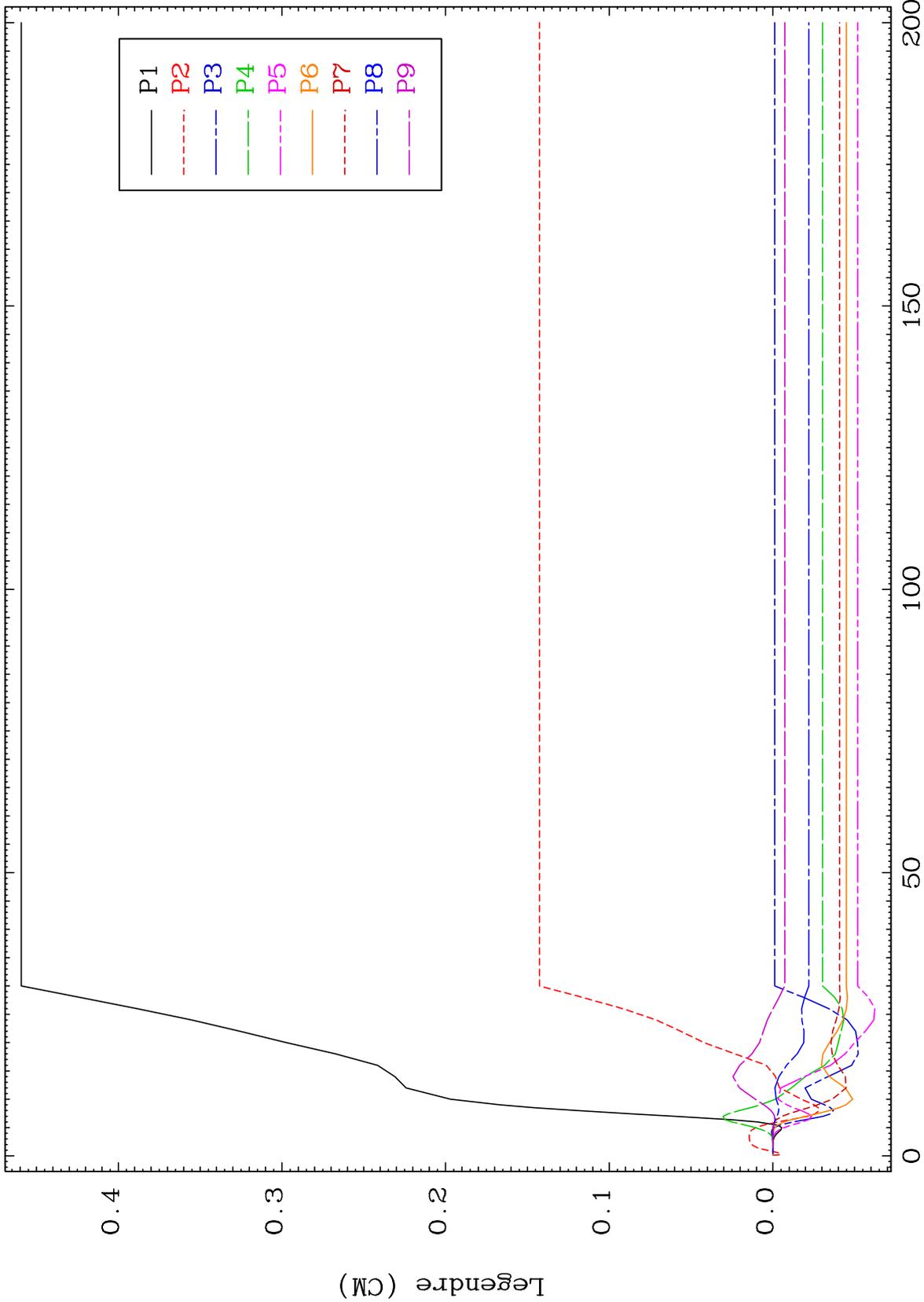
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MAT 4452

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

44-Ru-105



24

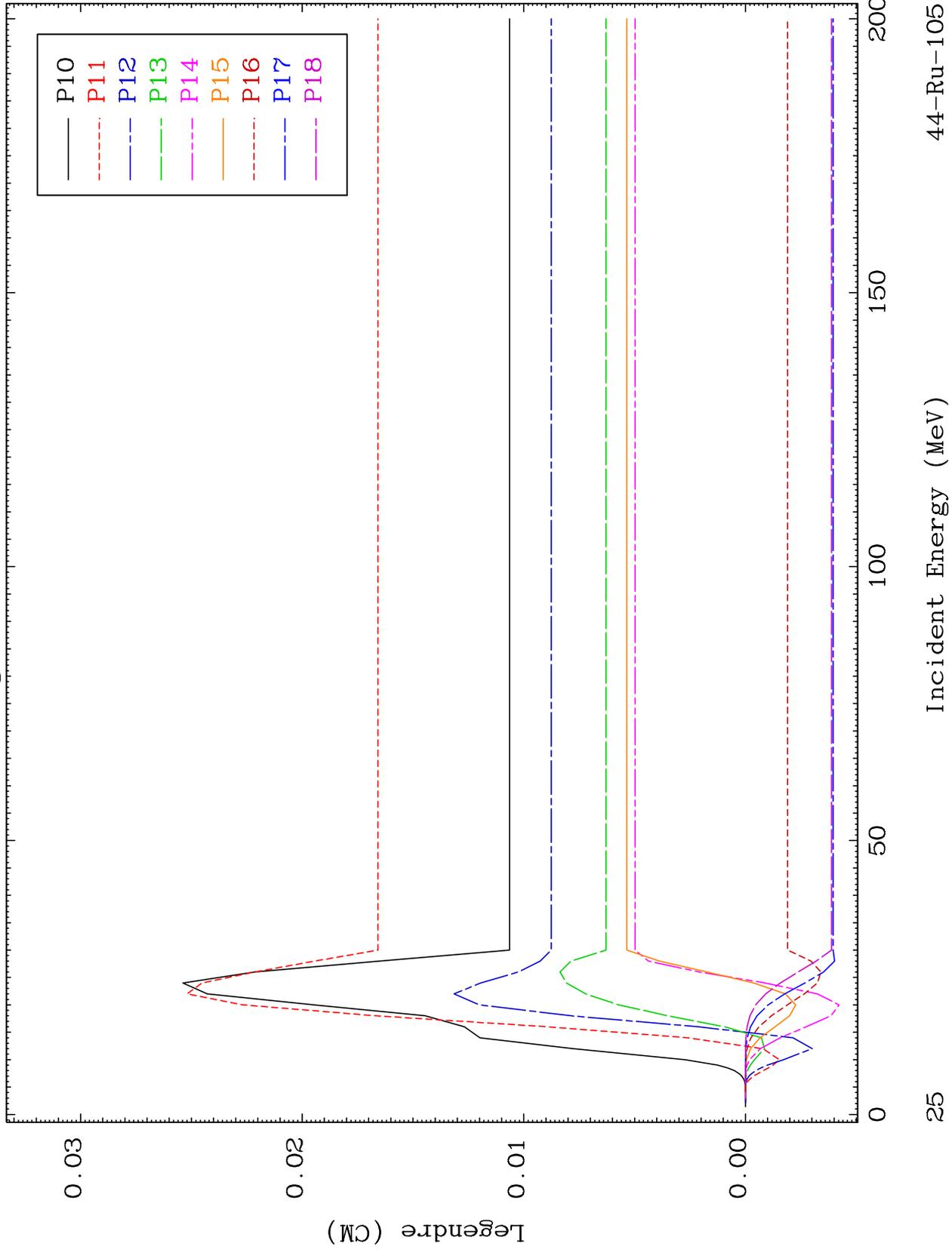
Incident Energy (MeV)

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MAT 4452

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

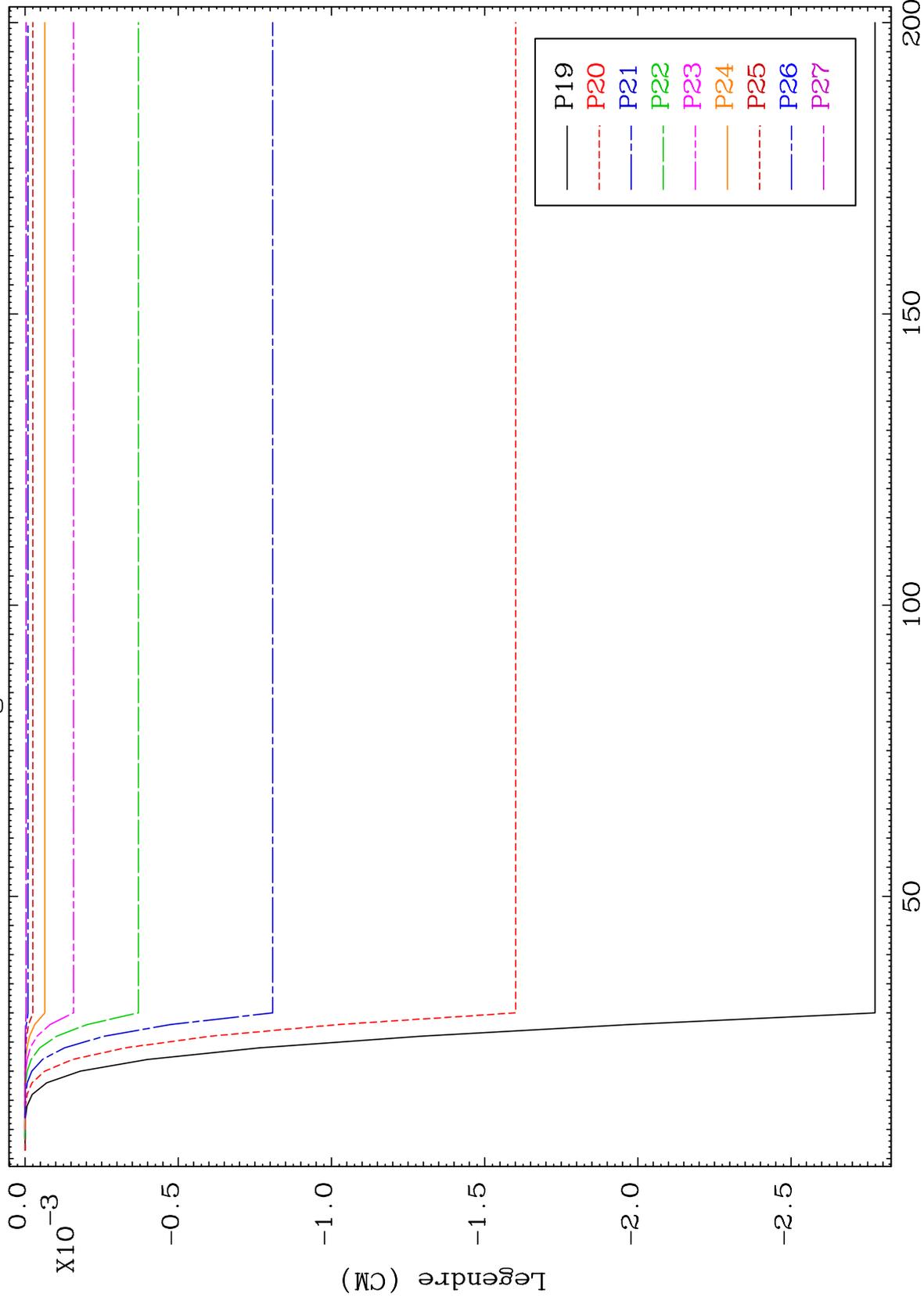
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44-Ru-105

Incident Energy (MeV)

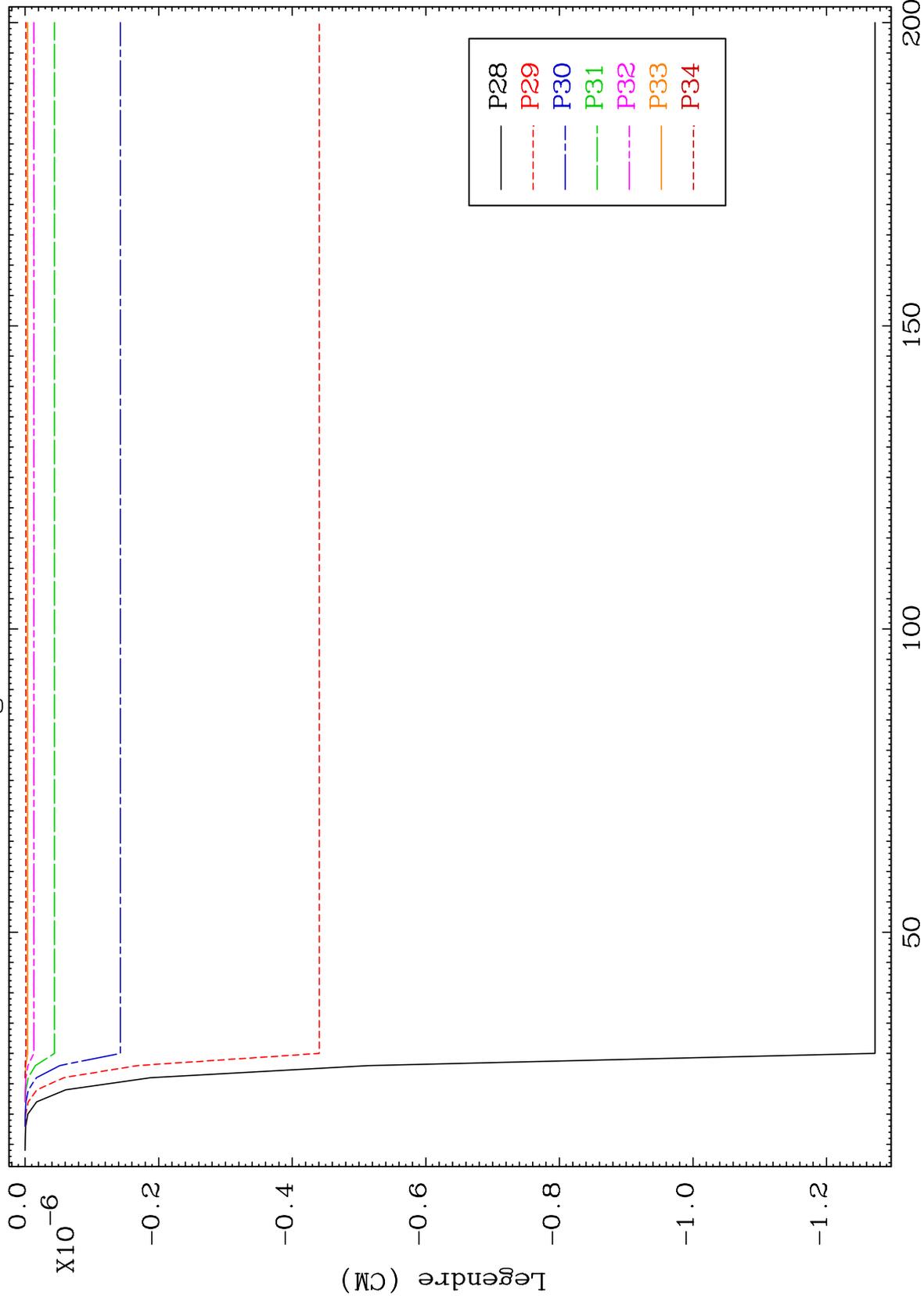
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MAT 4452

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

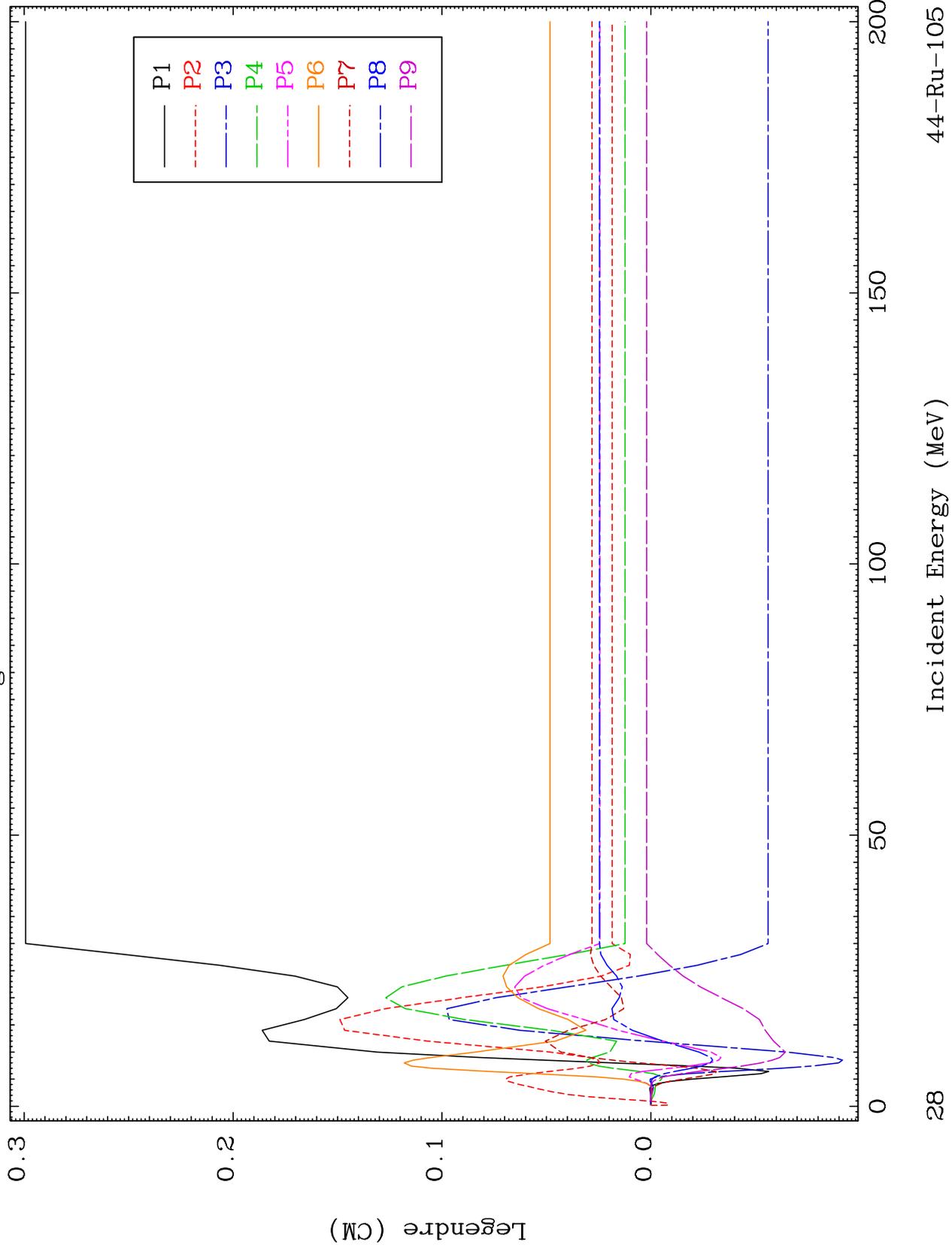
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MAT 4452

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

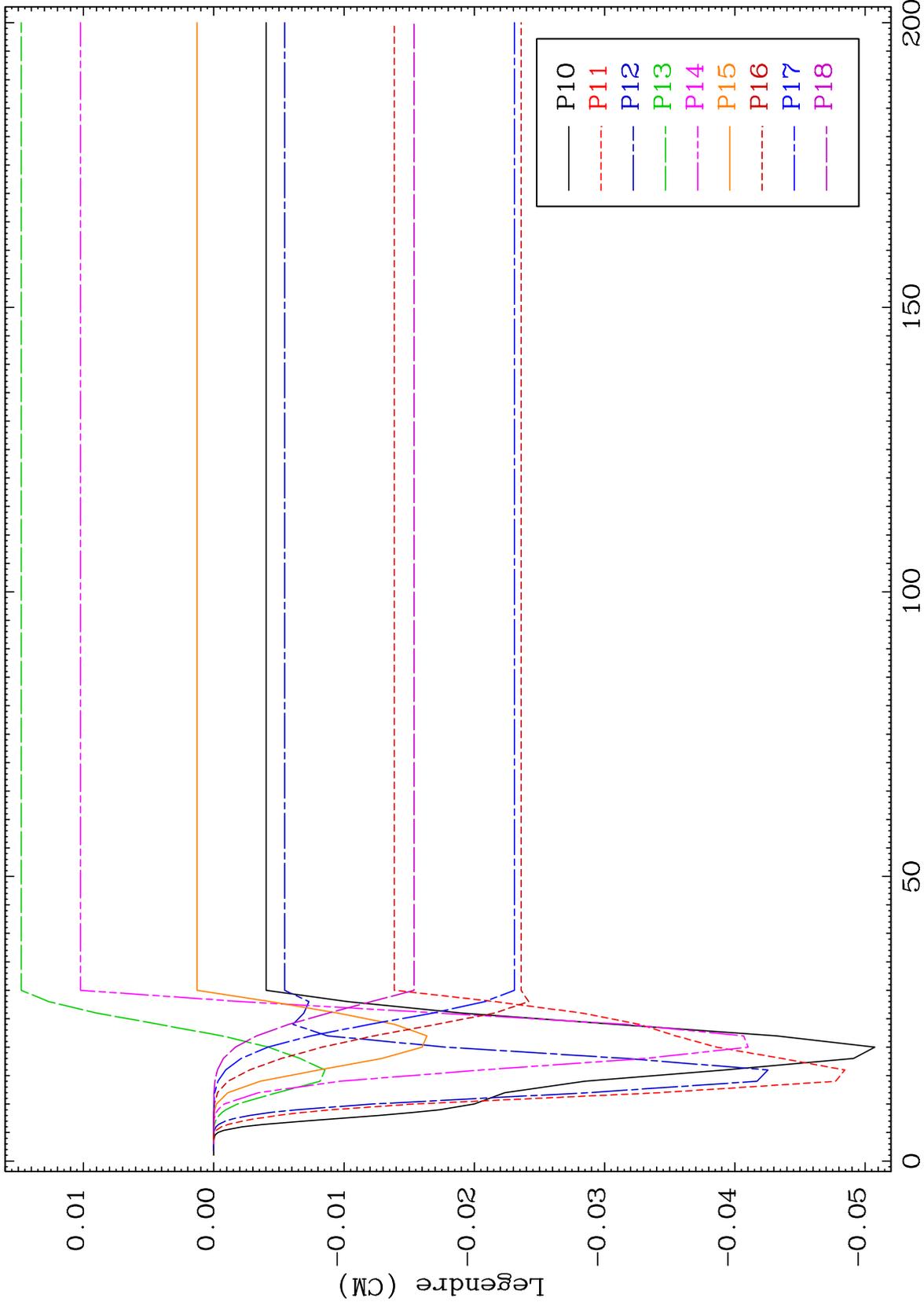
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MT= 53 (n,n') Level
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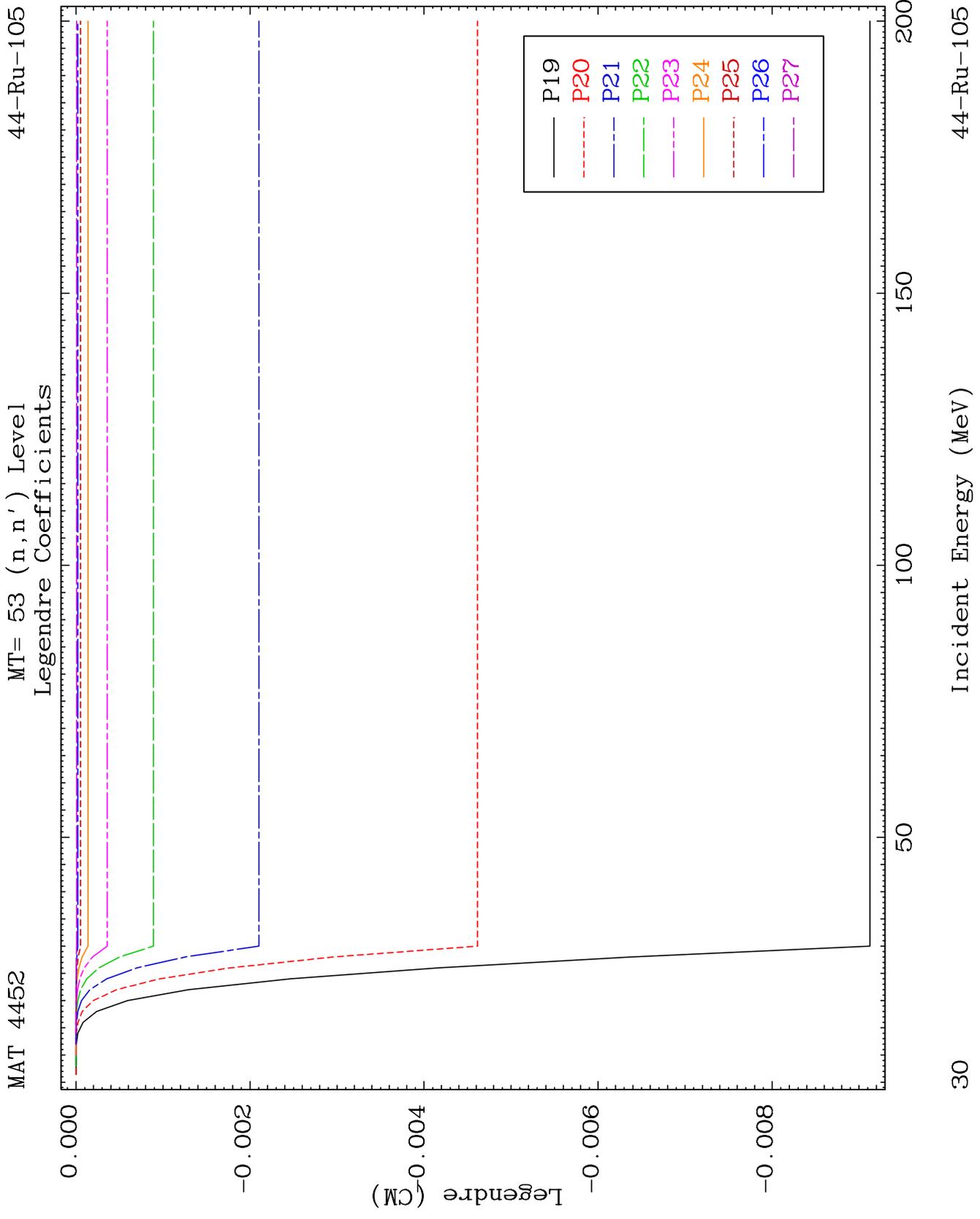
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29

Incident Energy (MeV)

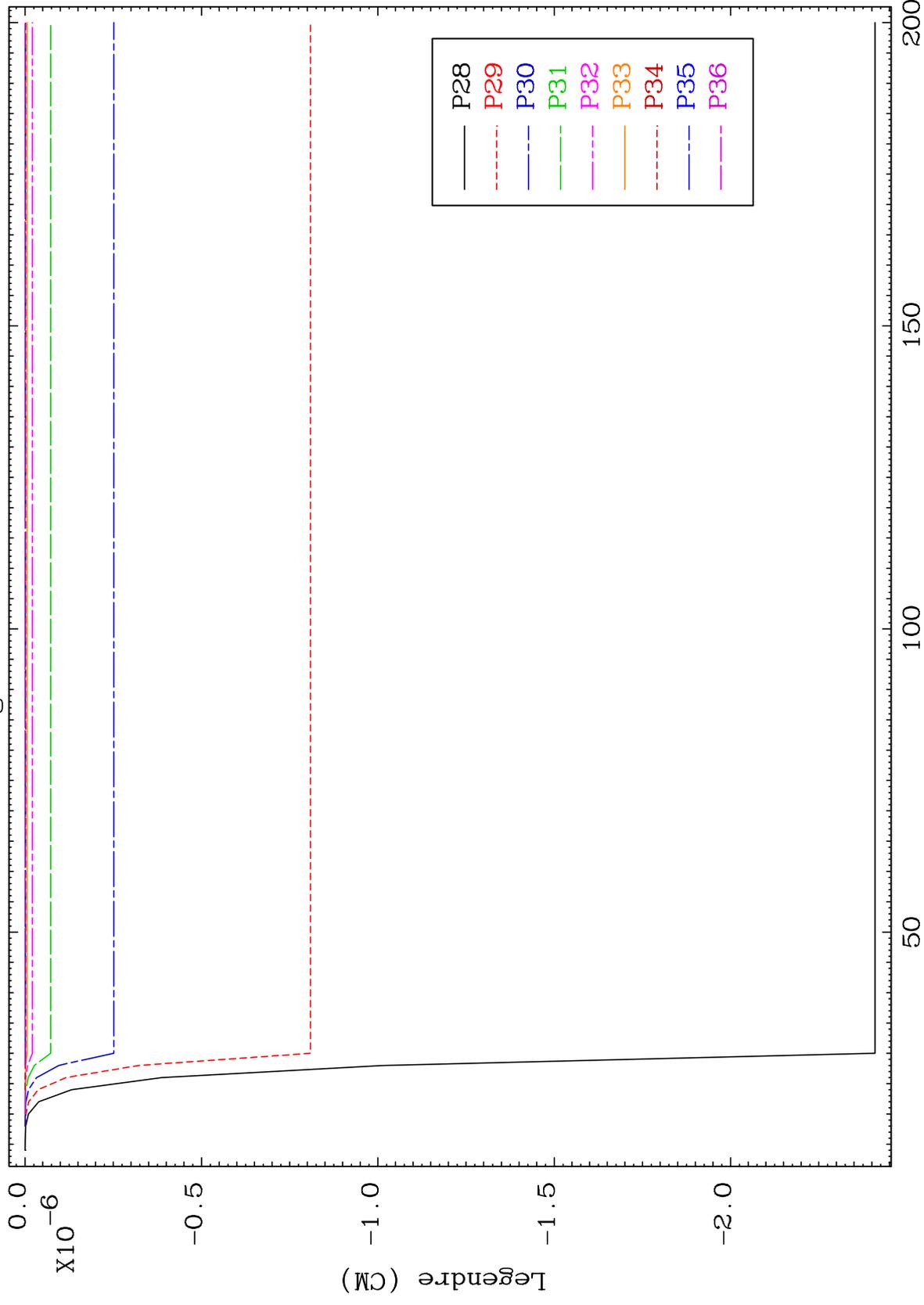
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MAT 4452

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

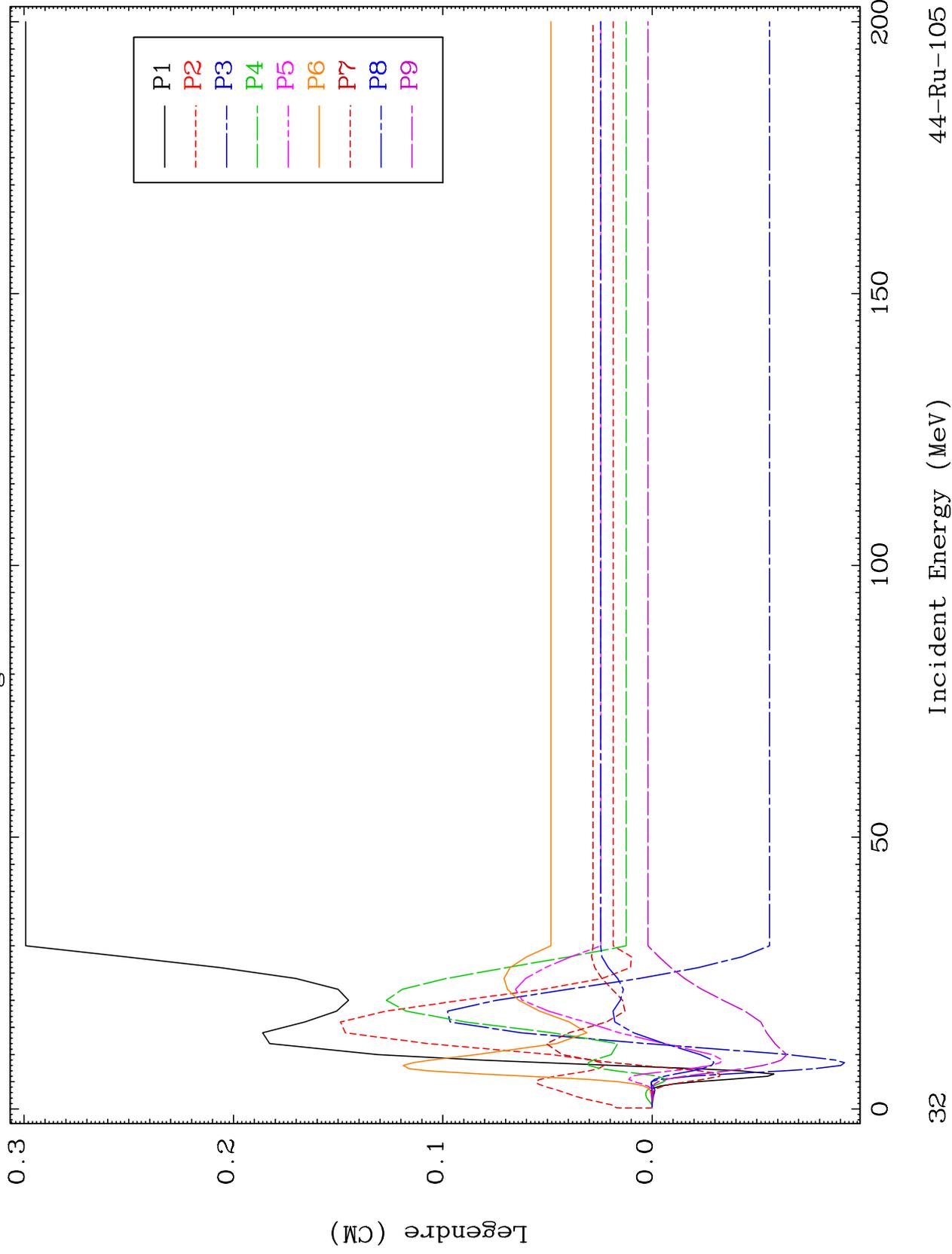
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MAT 4452

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

44-Ru-105

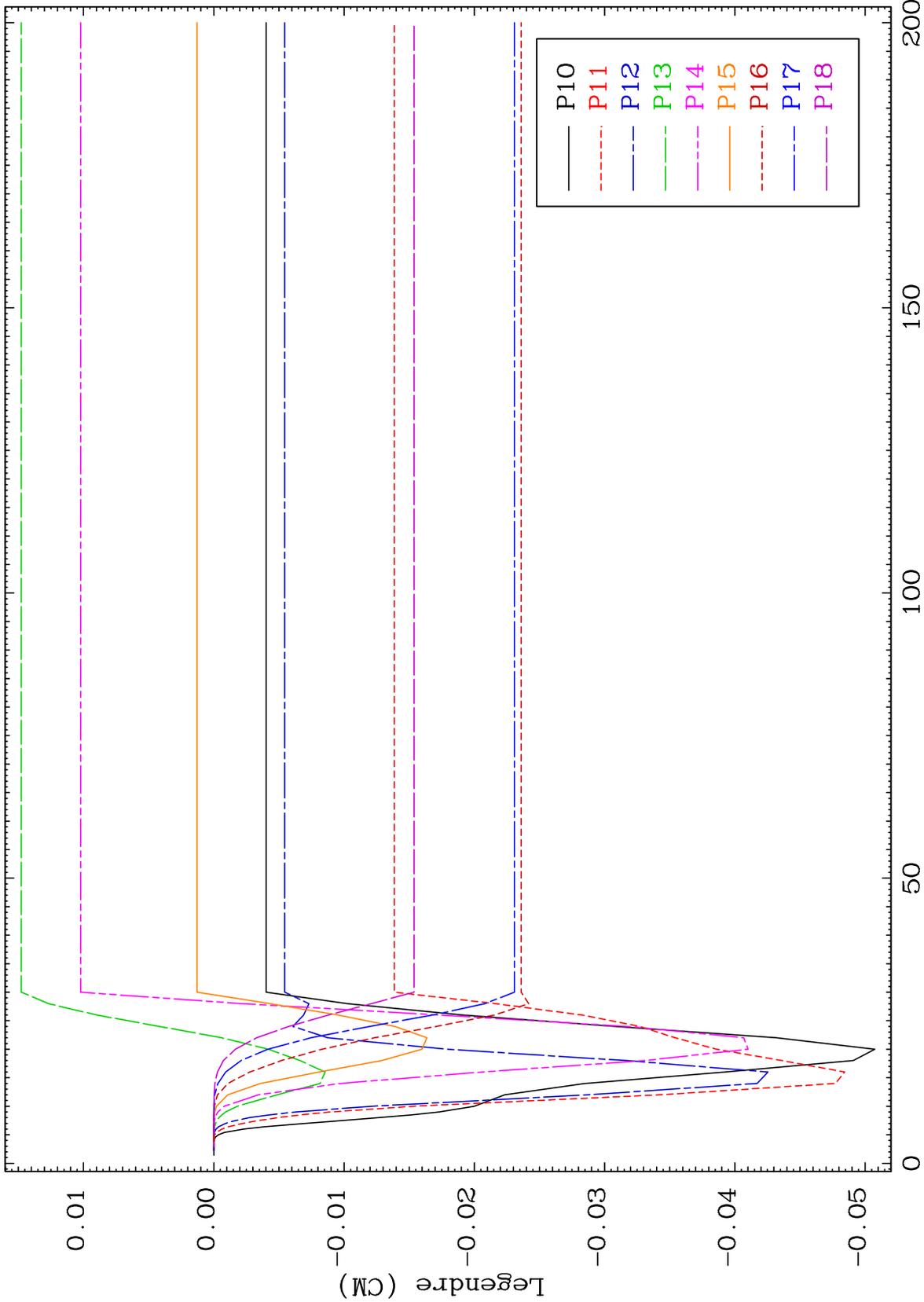


32

MAT 4452

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

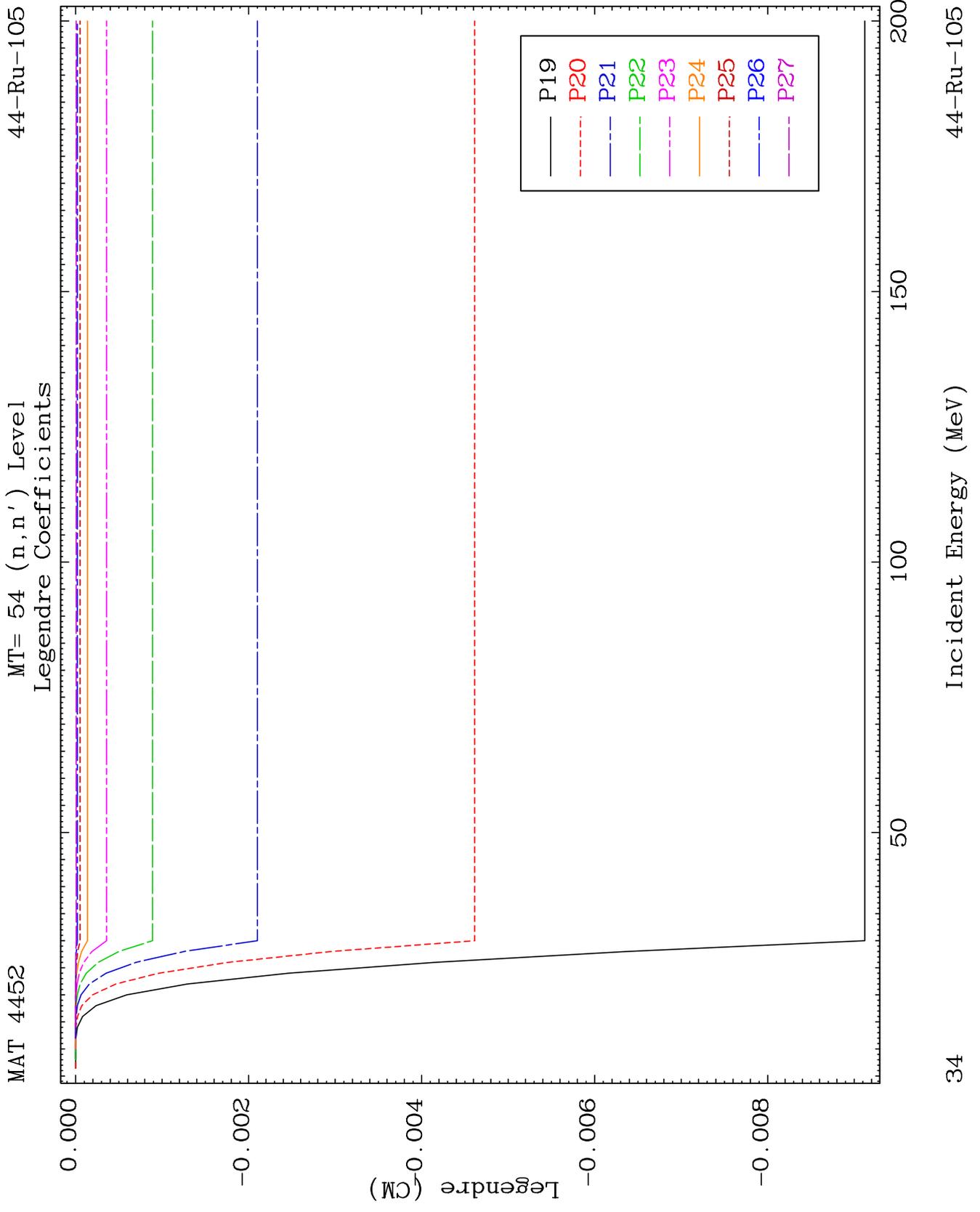
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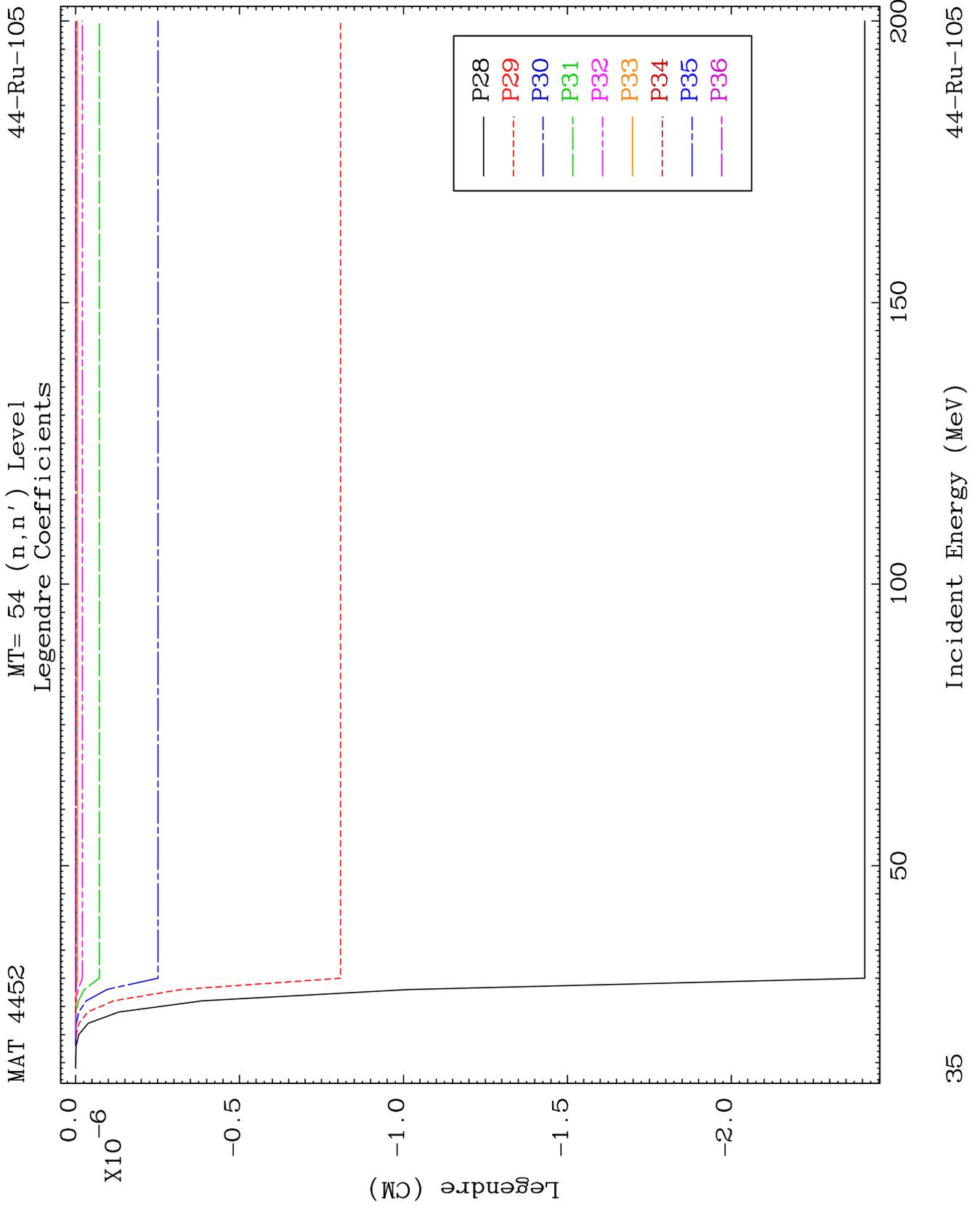


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Incident Energy (MeV)

44-Ru-105

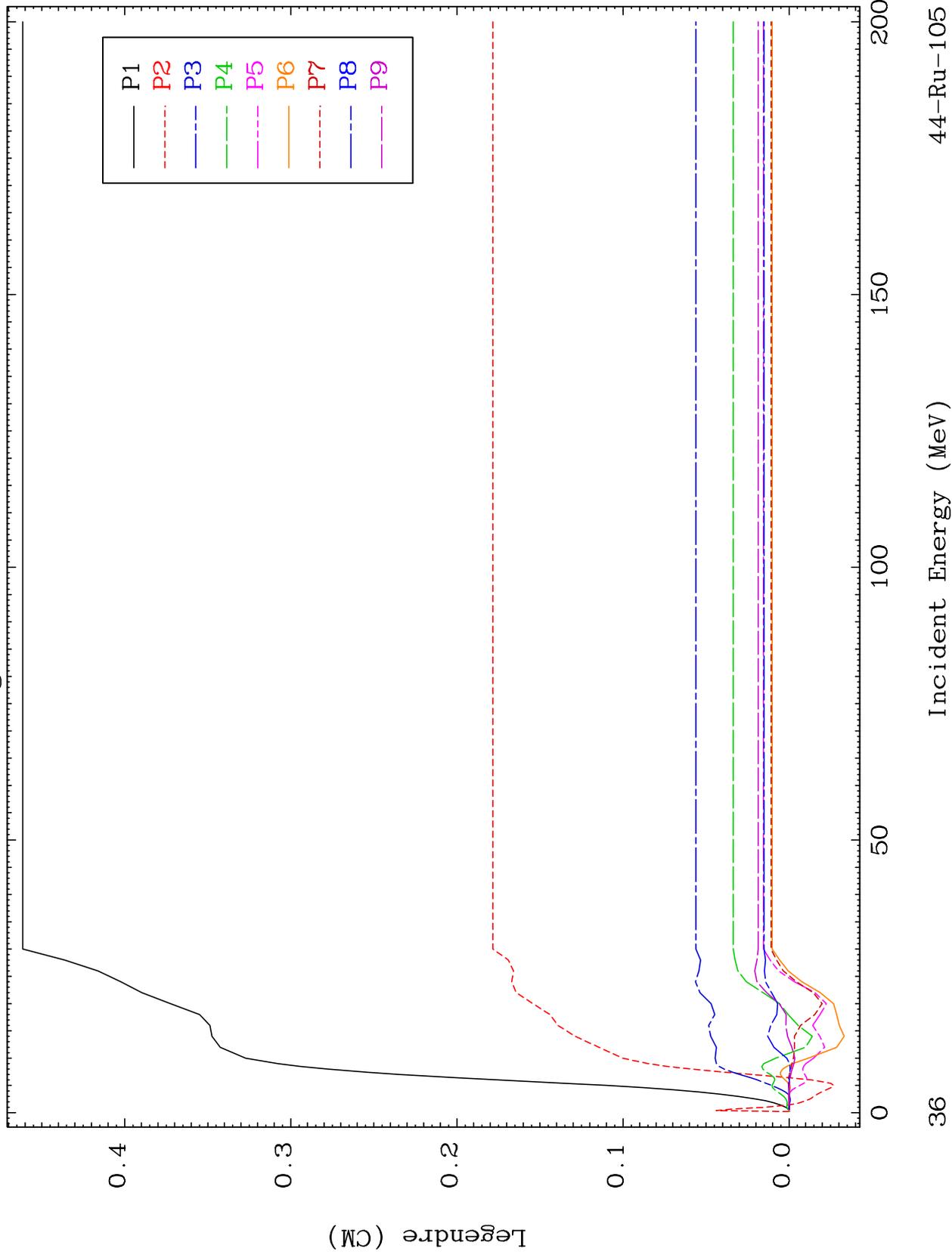




MAT 4452

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

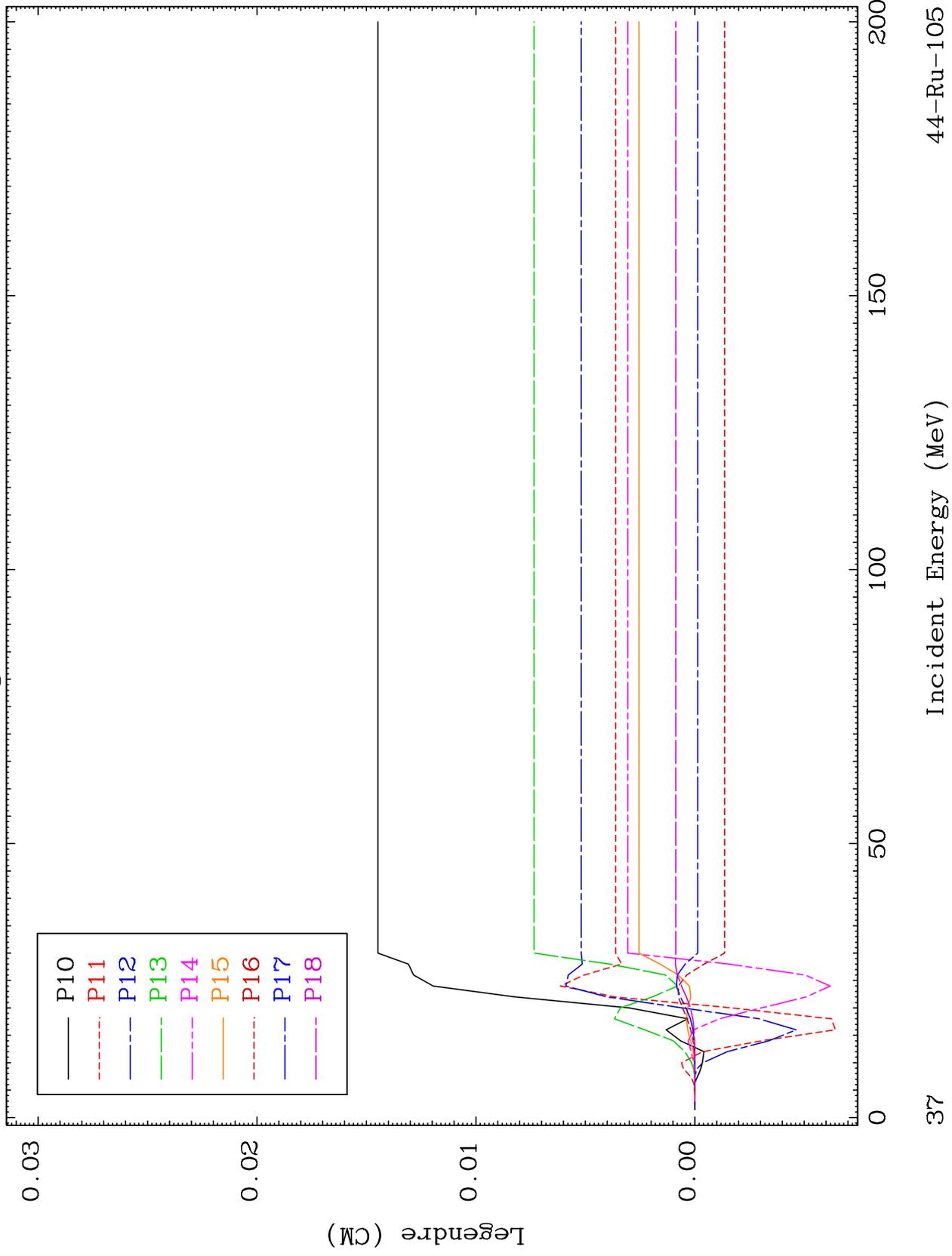
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MAT 4452

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

44-Ru-105



37

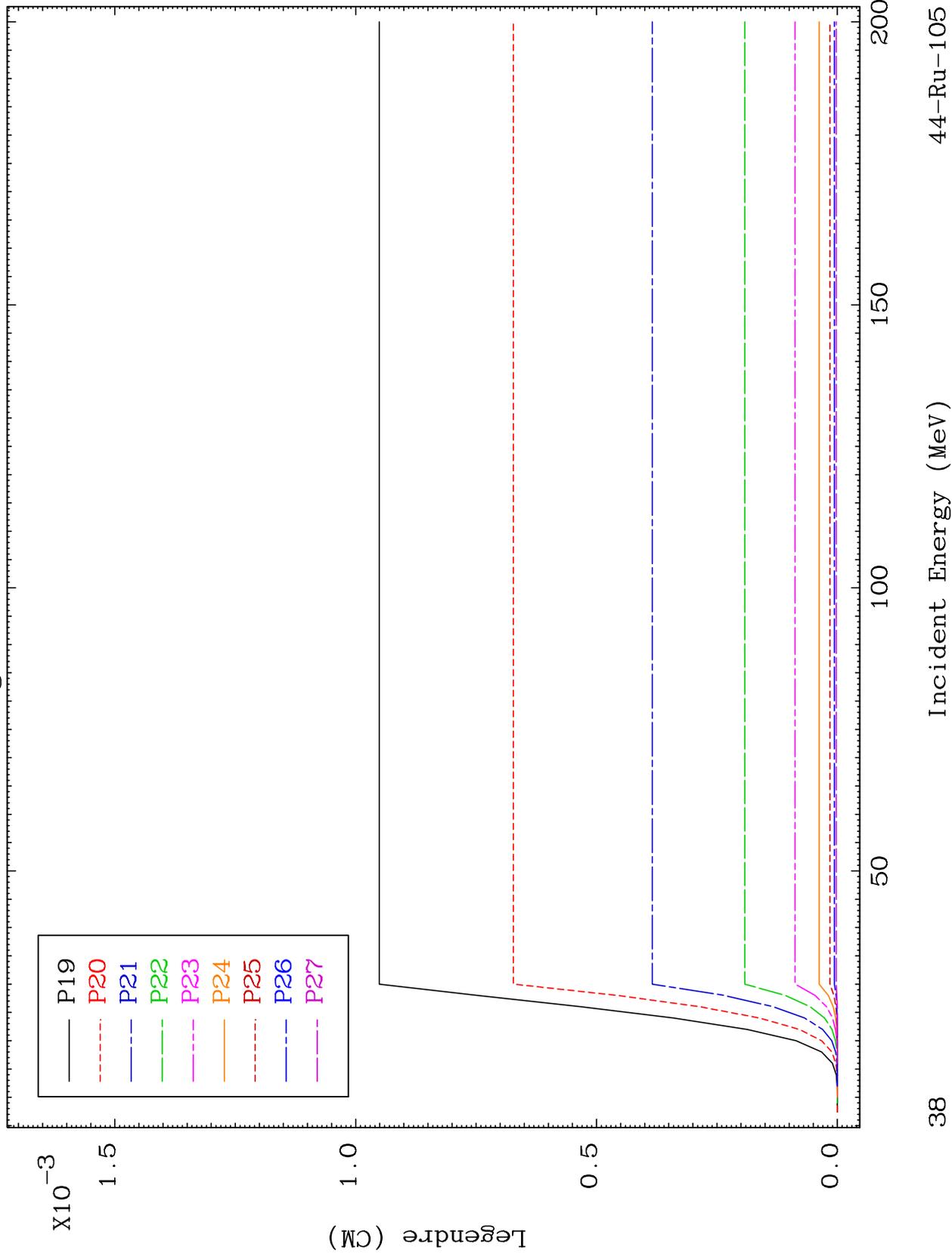
Incident Energy (MeV)

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MAT 4452

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

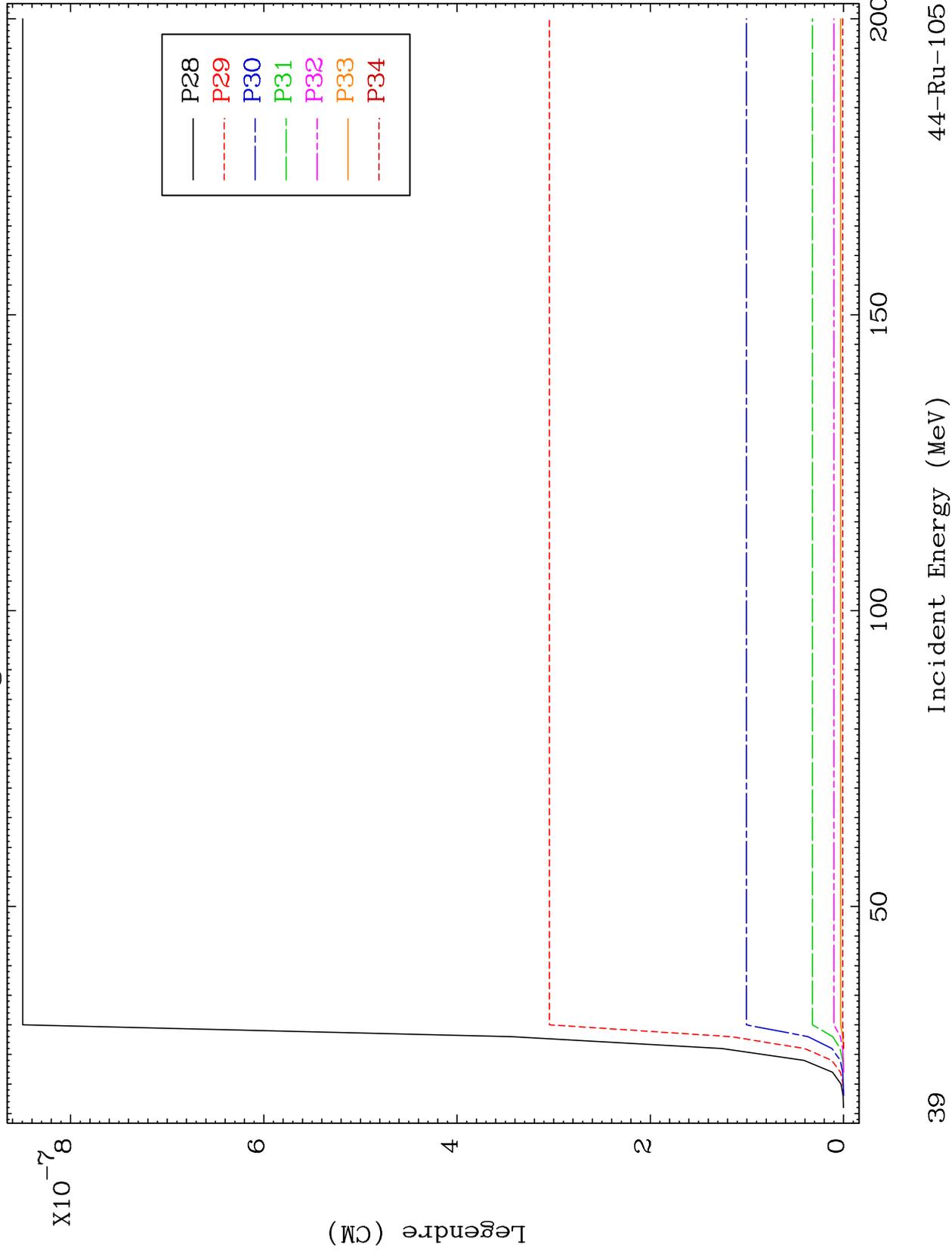
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MAT 4452

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

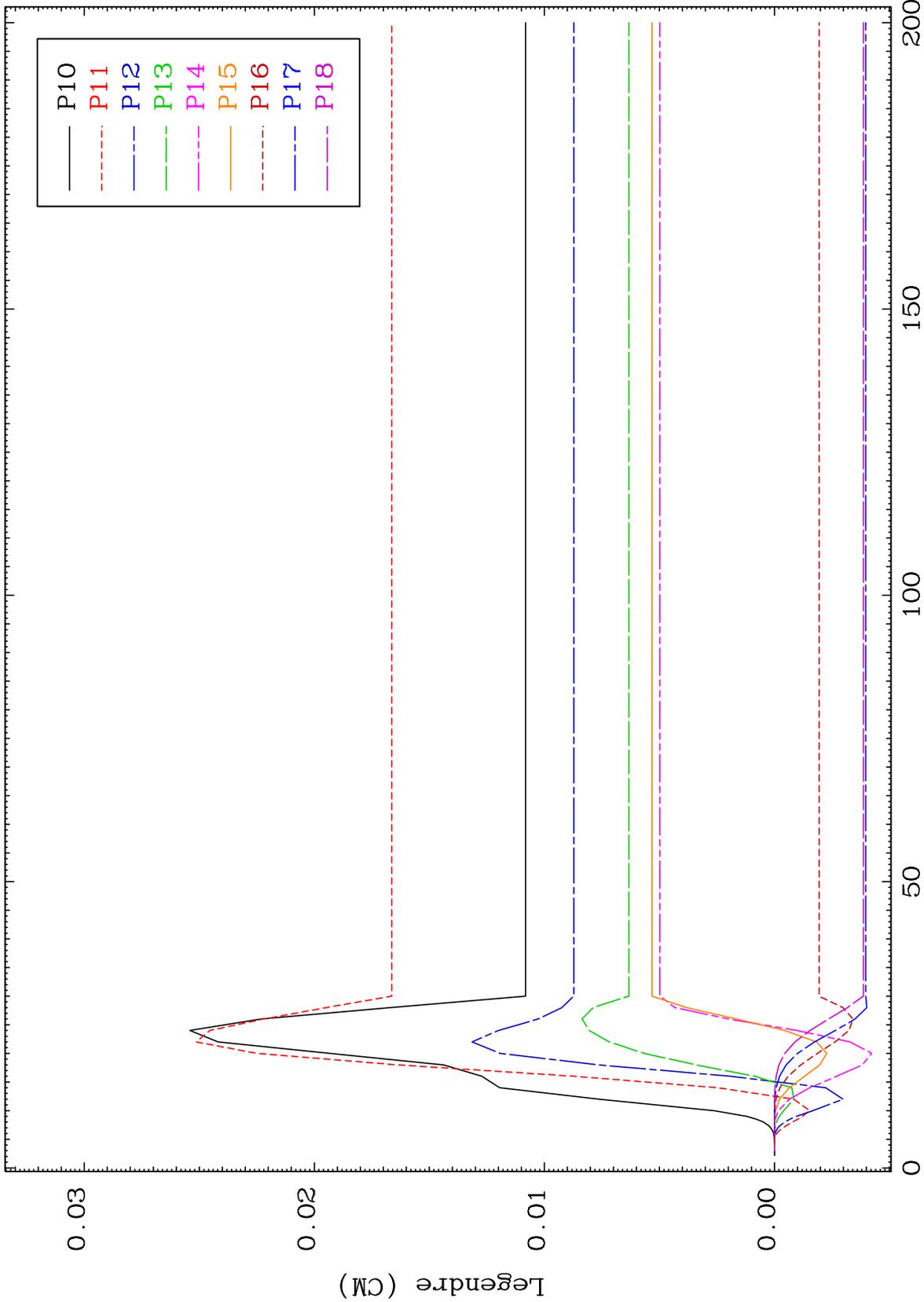
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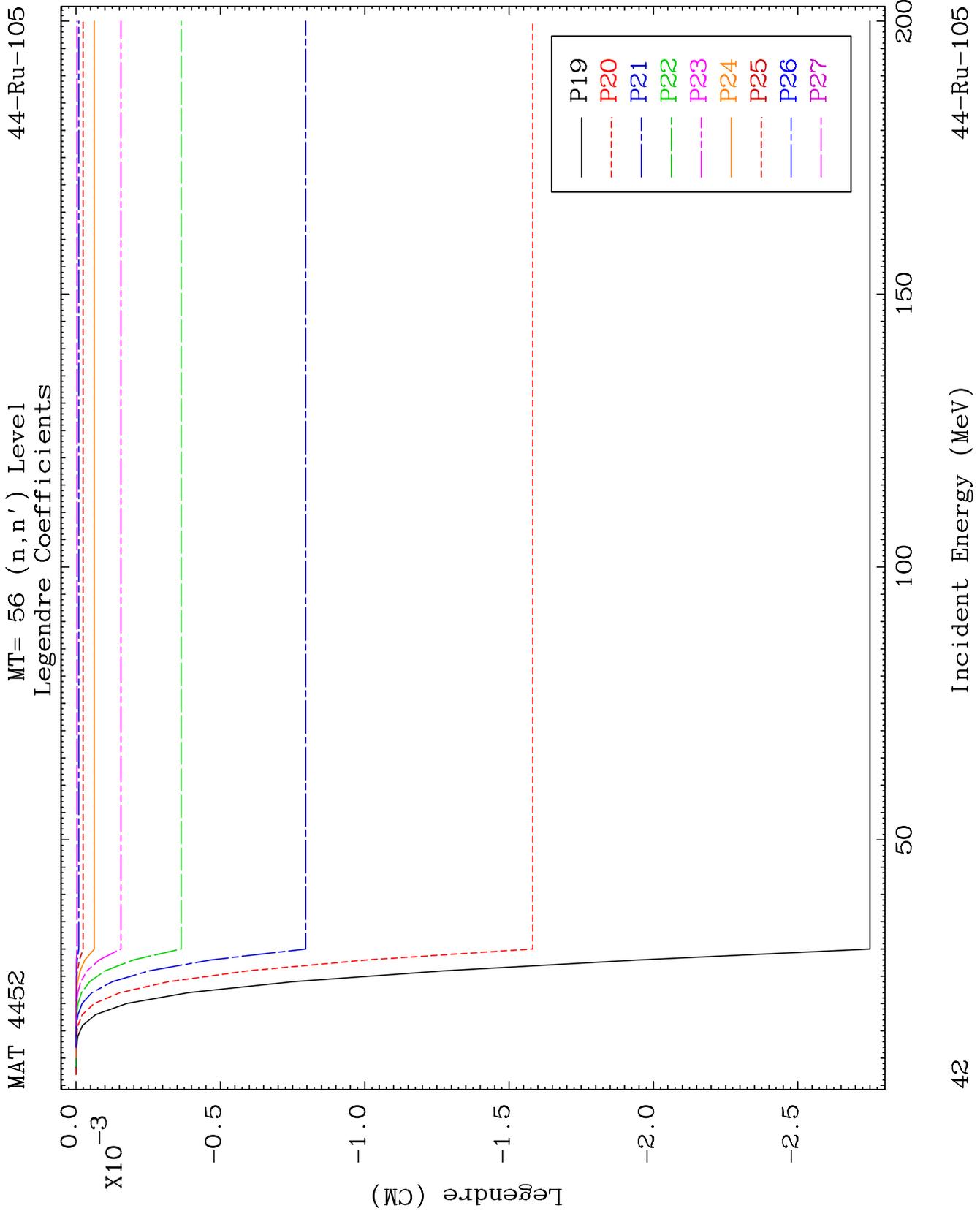
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Legendre Coefficients

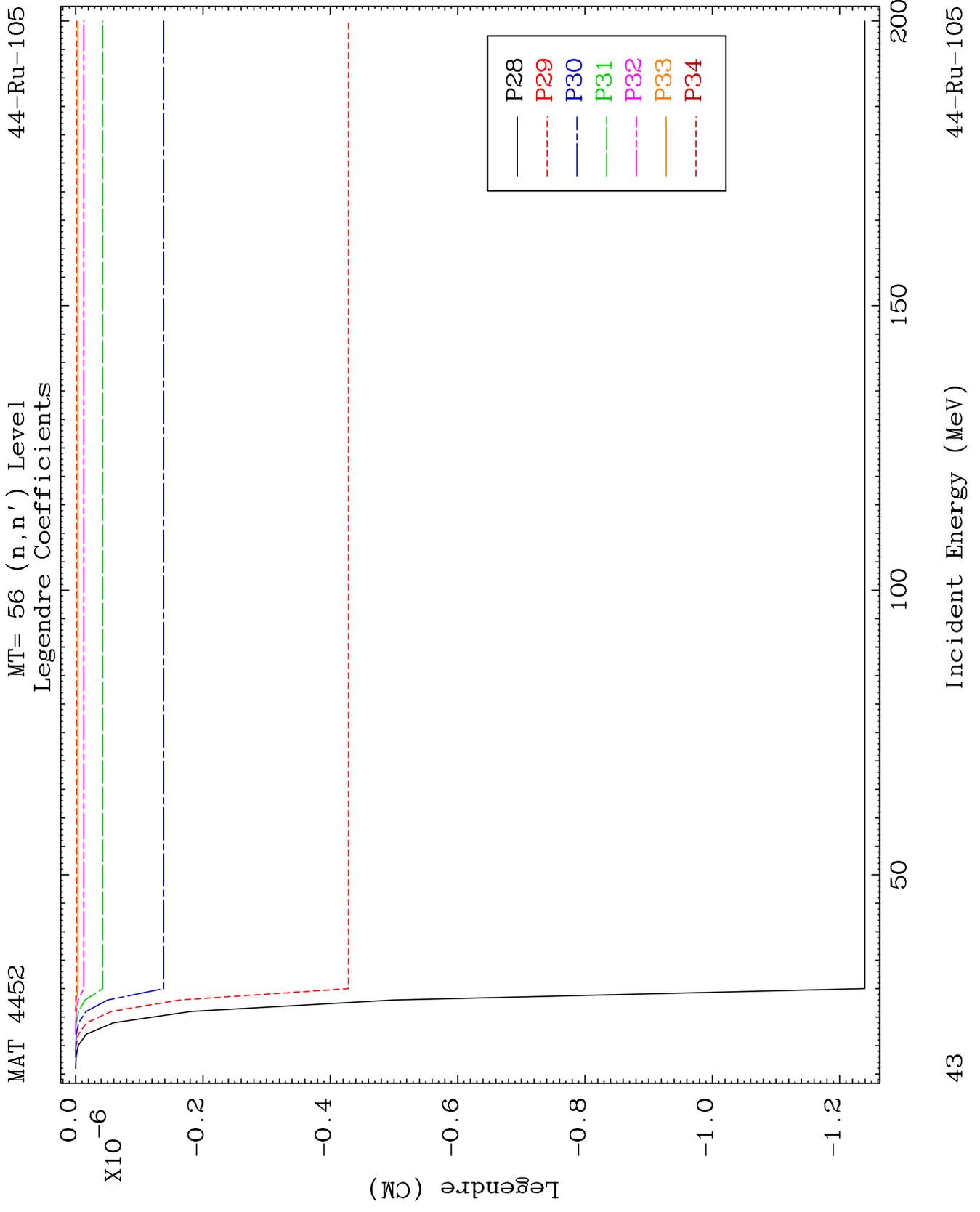
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41

44-Ru-105

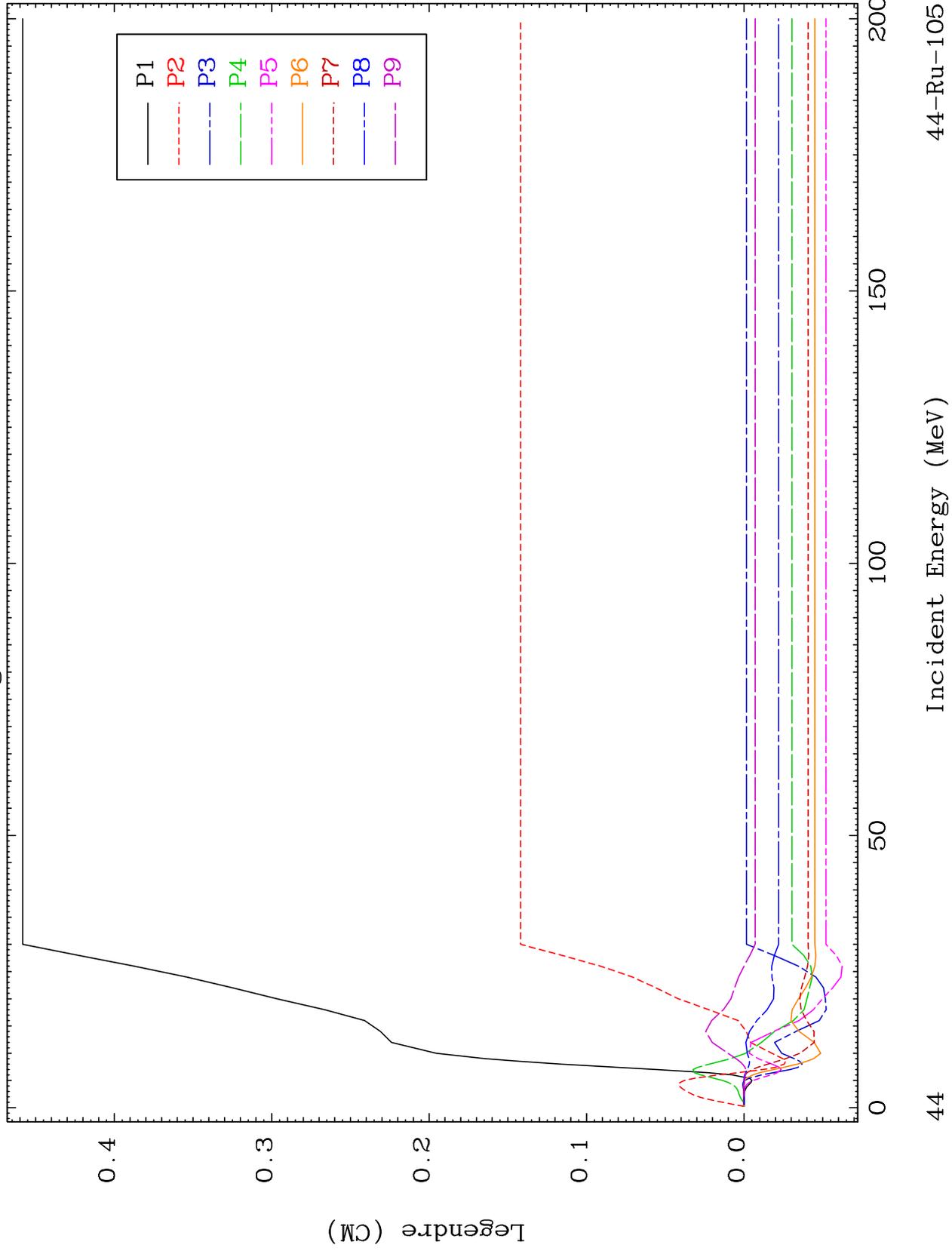




MAT 4452

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

44-Ru-105



44

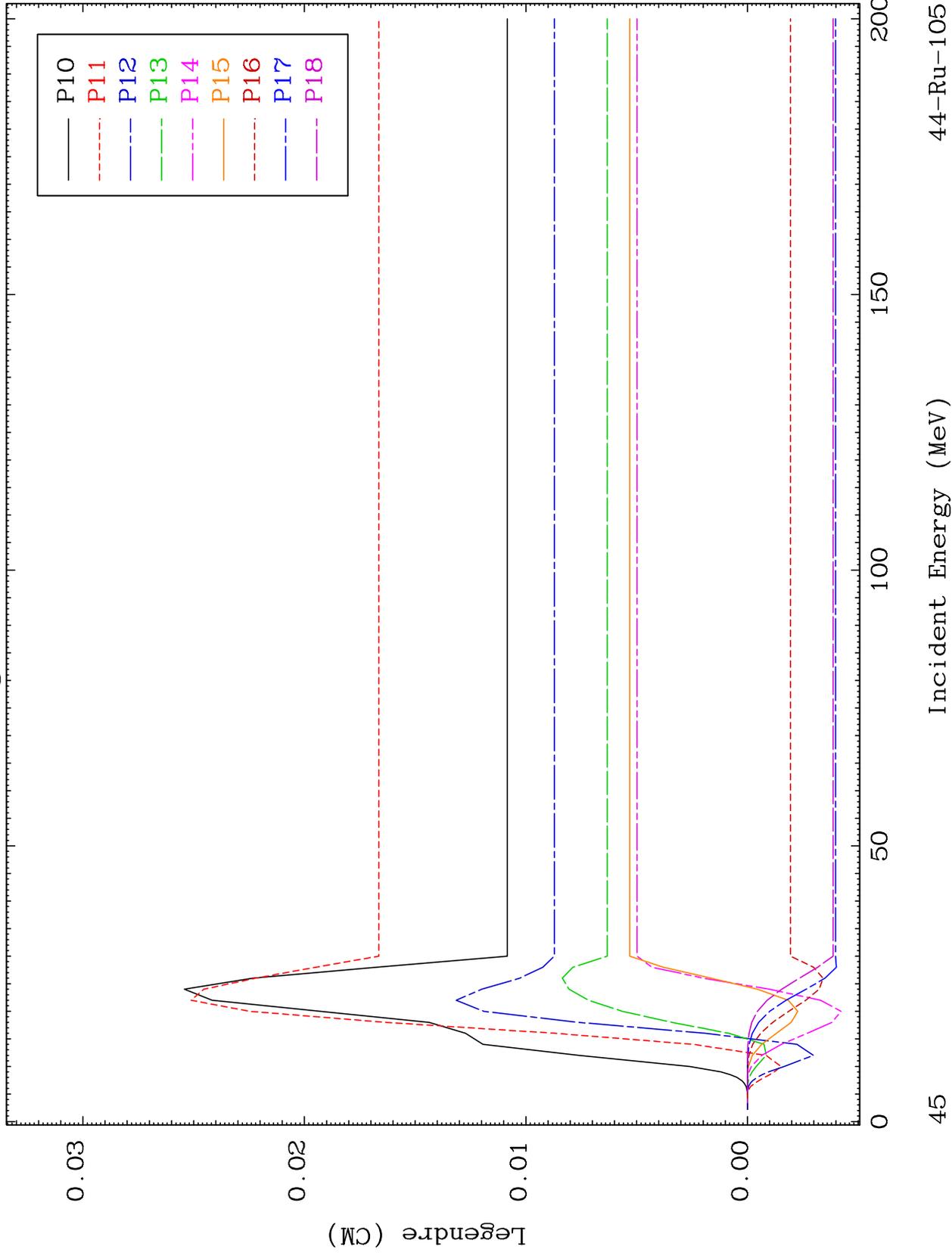
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

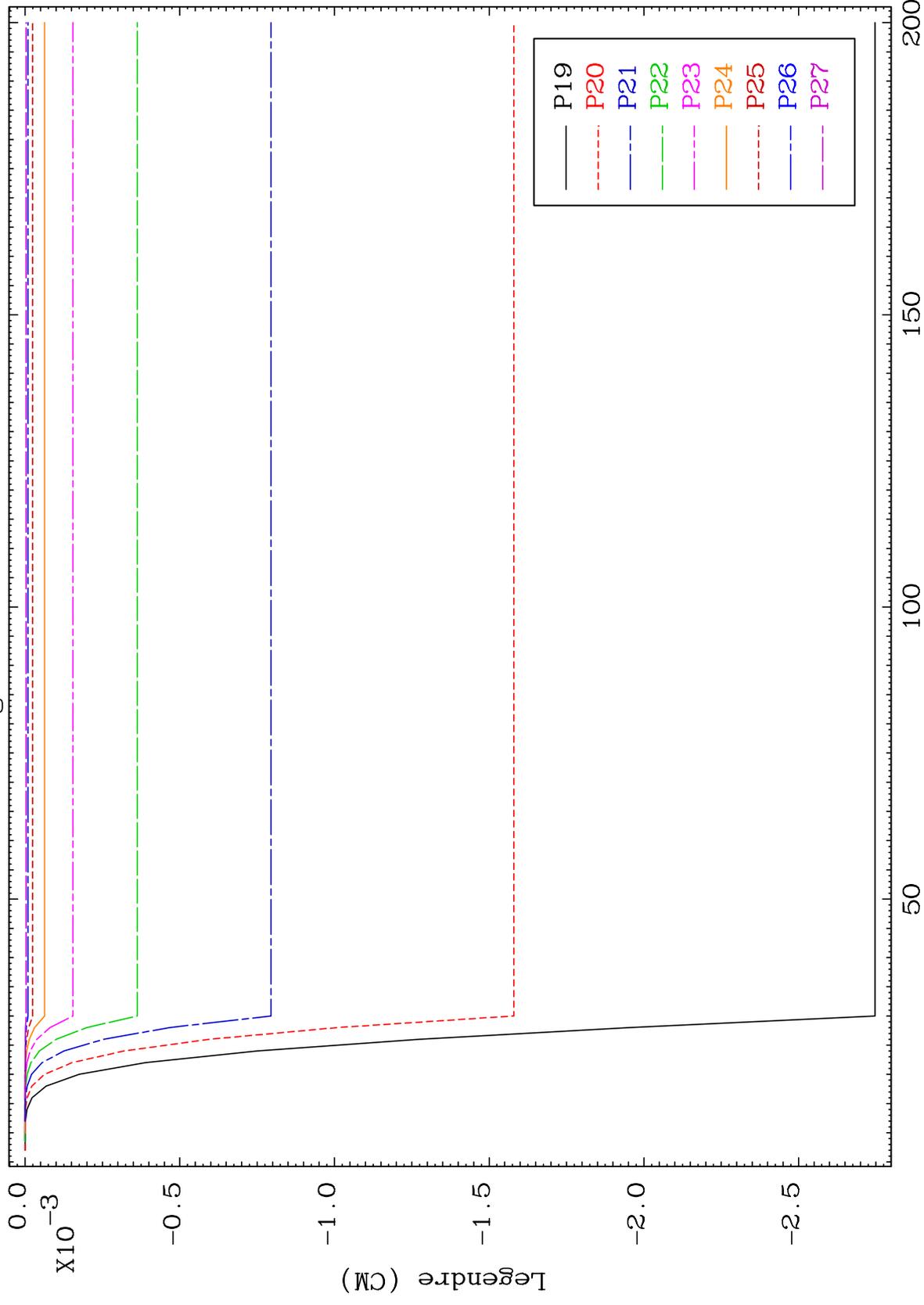
Incident Energy (MeV)

45

MAT 4452

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

44-Ru-105



46

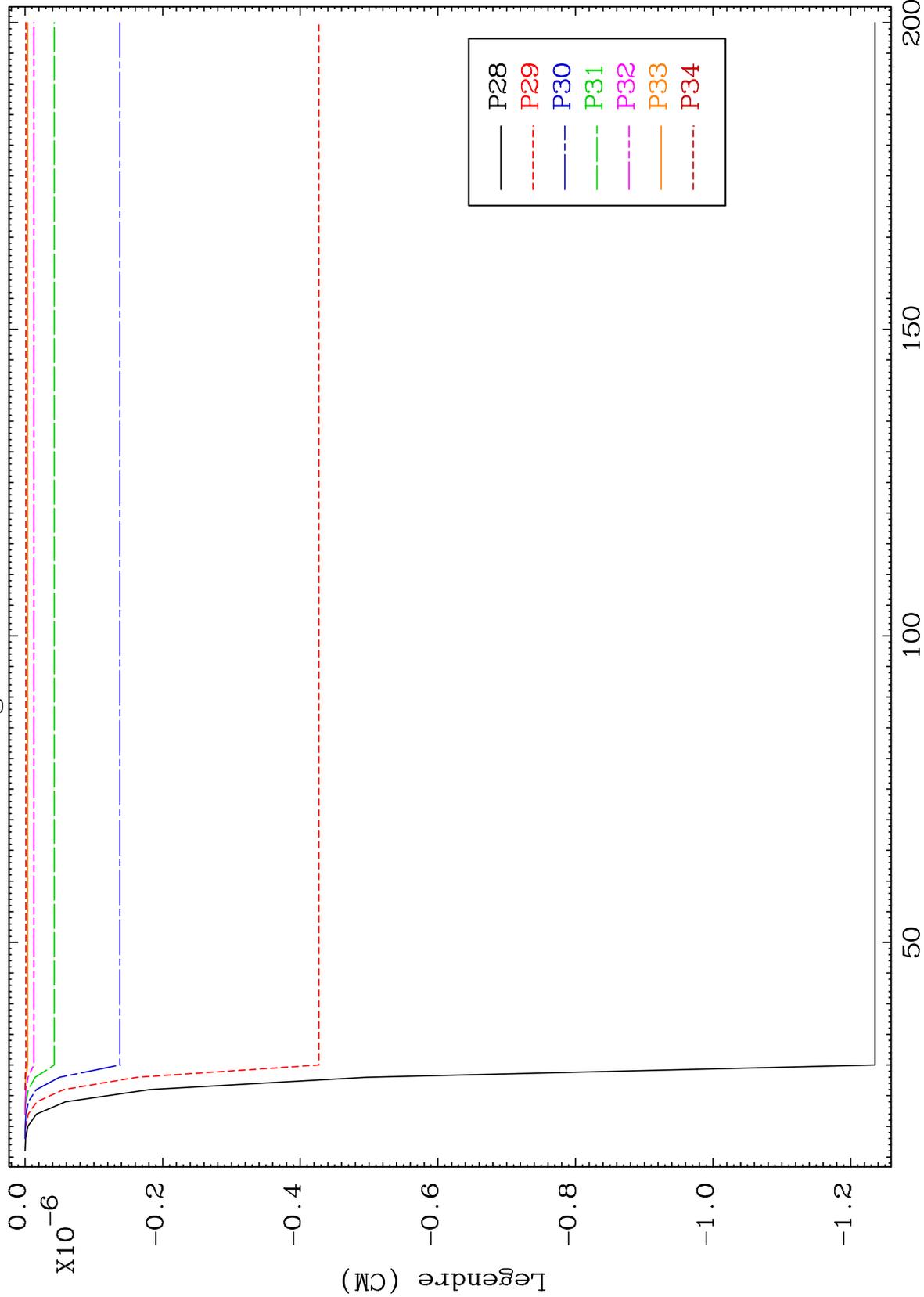
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

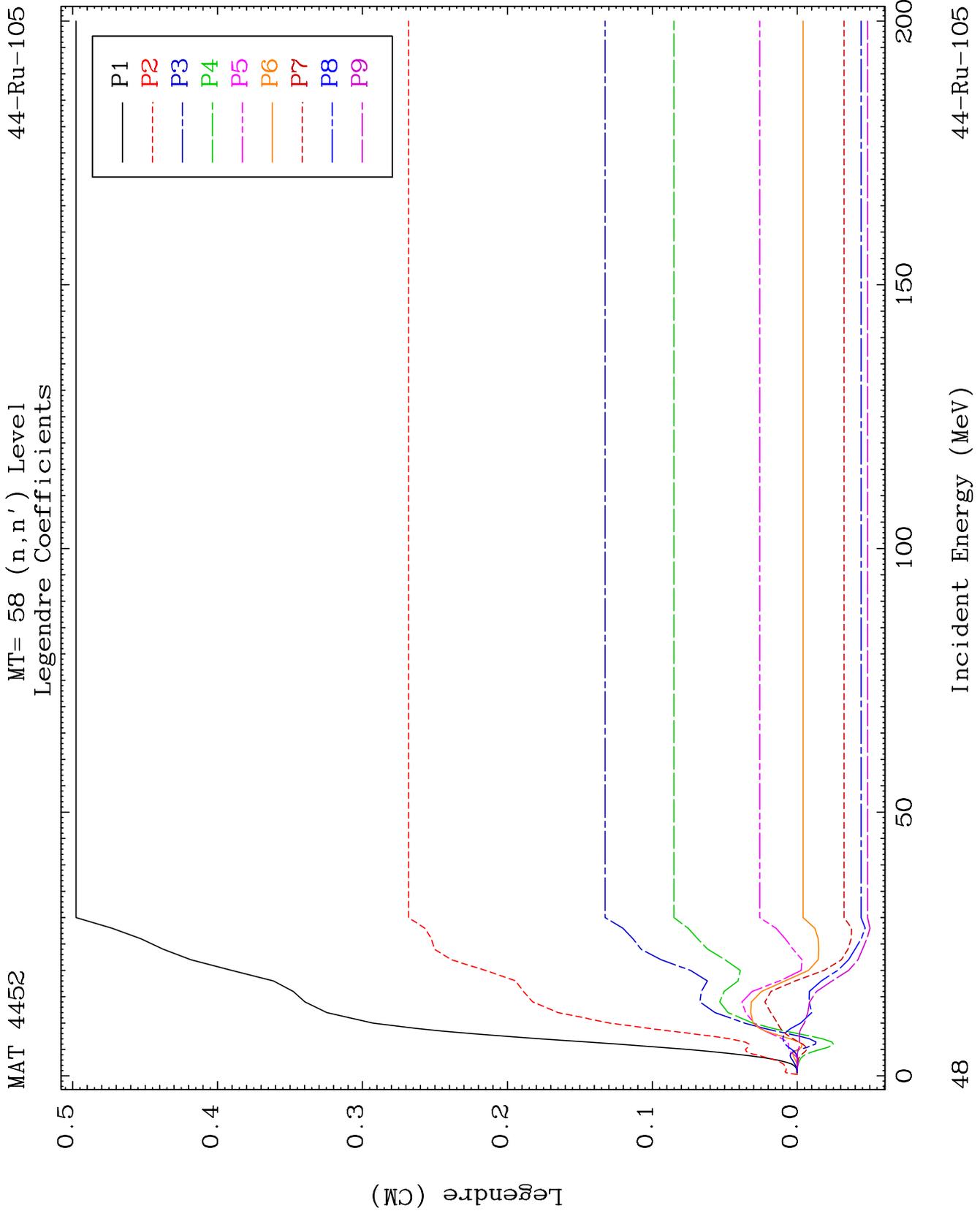
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47

Incident Energy (MeV)

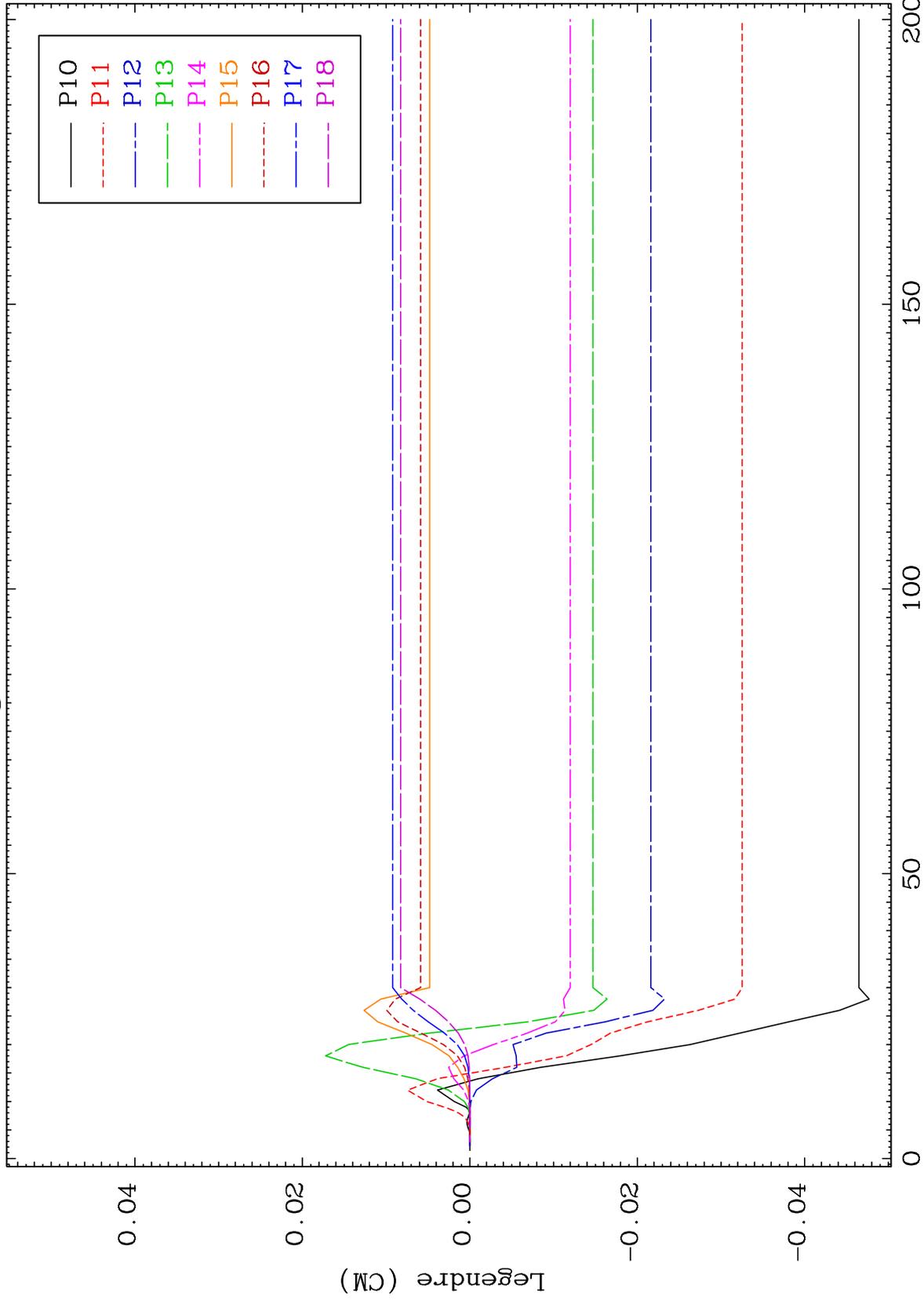
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MAT 4452

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

44-Ru-105



49

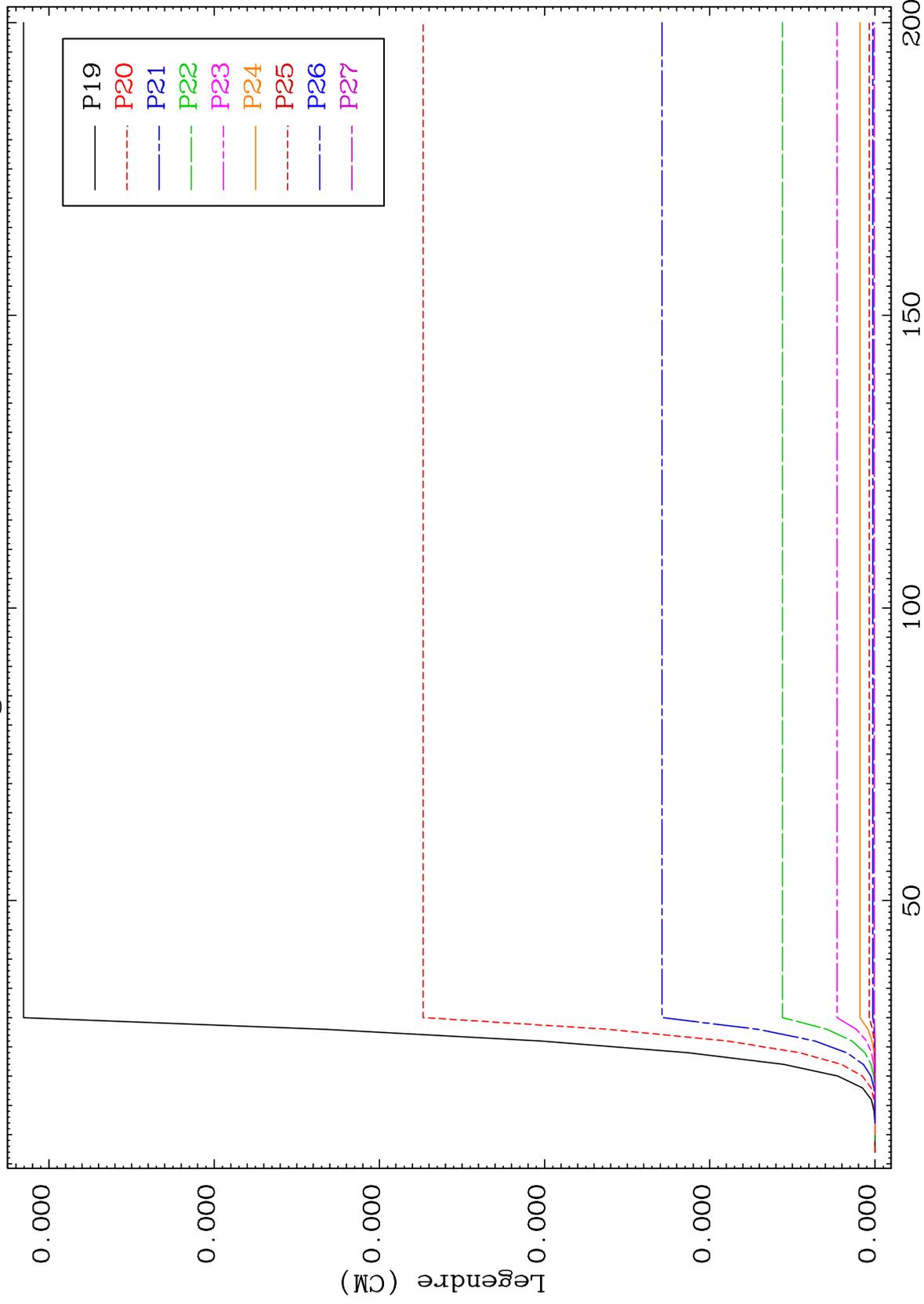
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



50

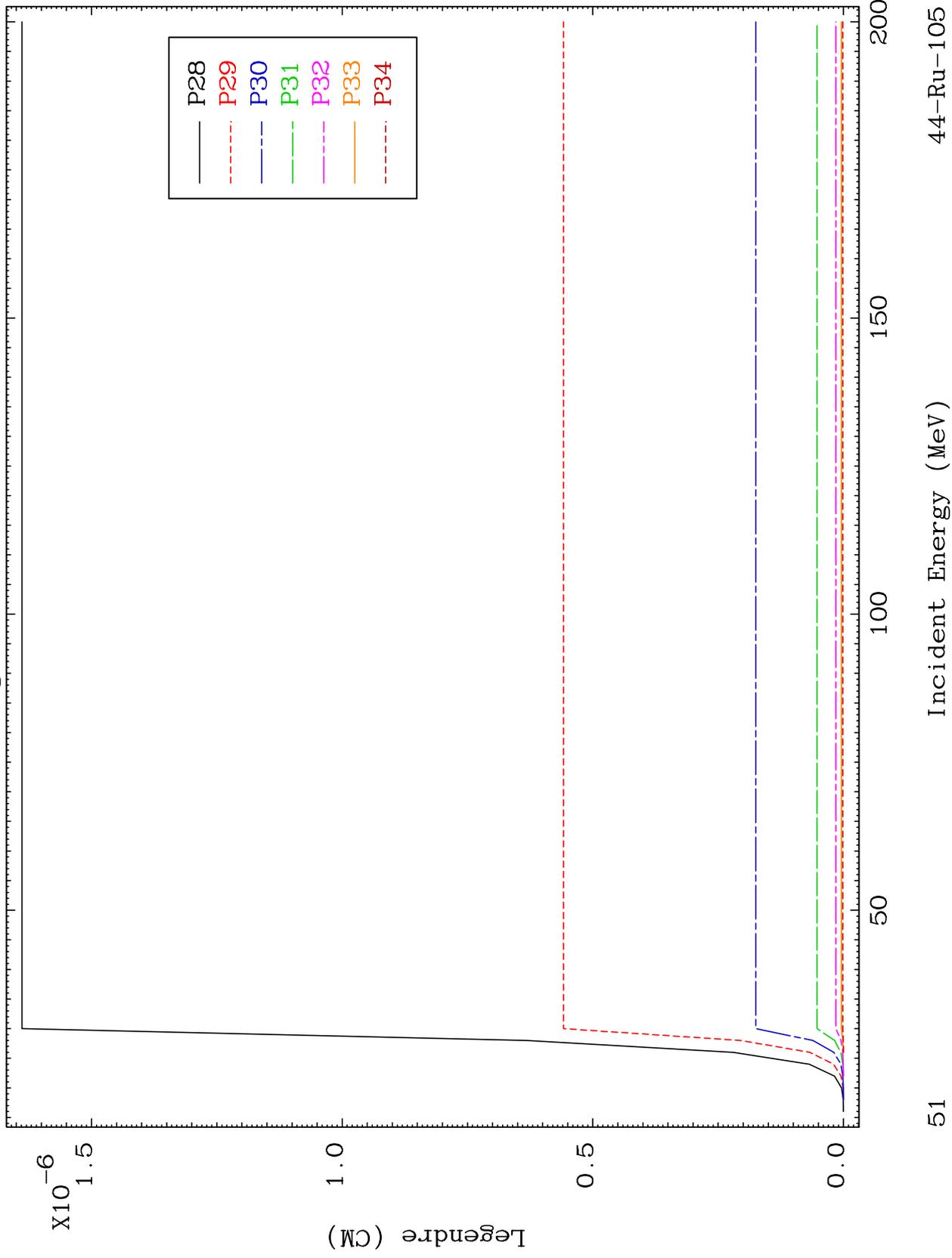
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



51

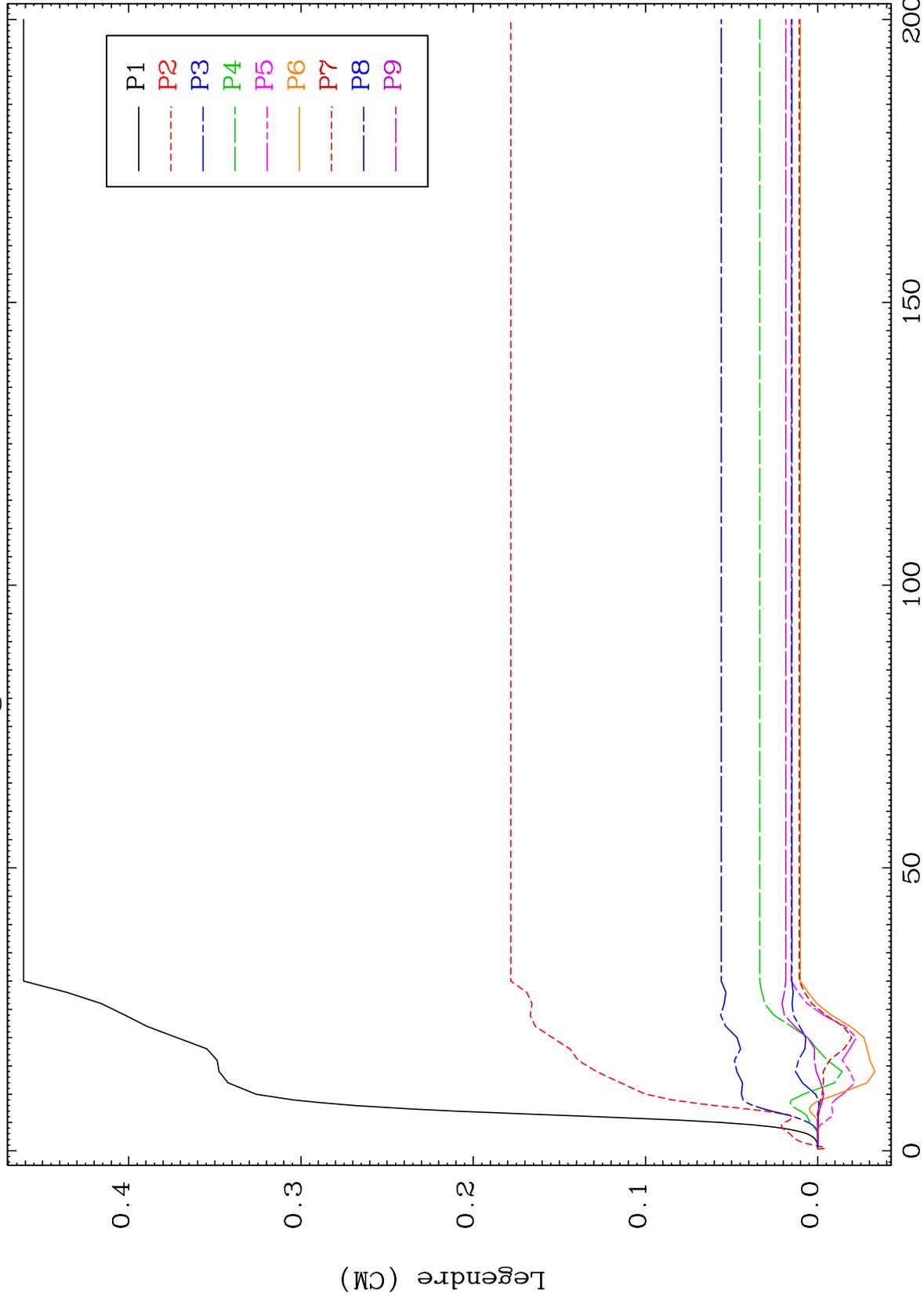
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



52

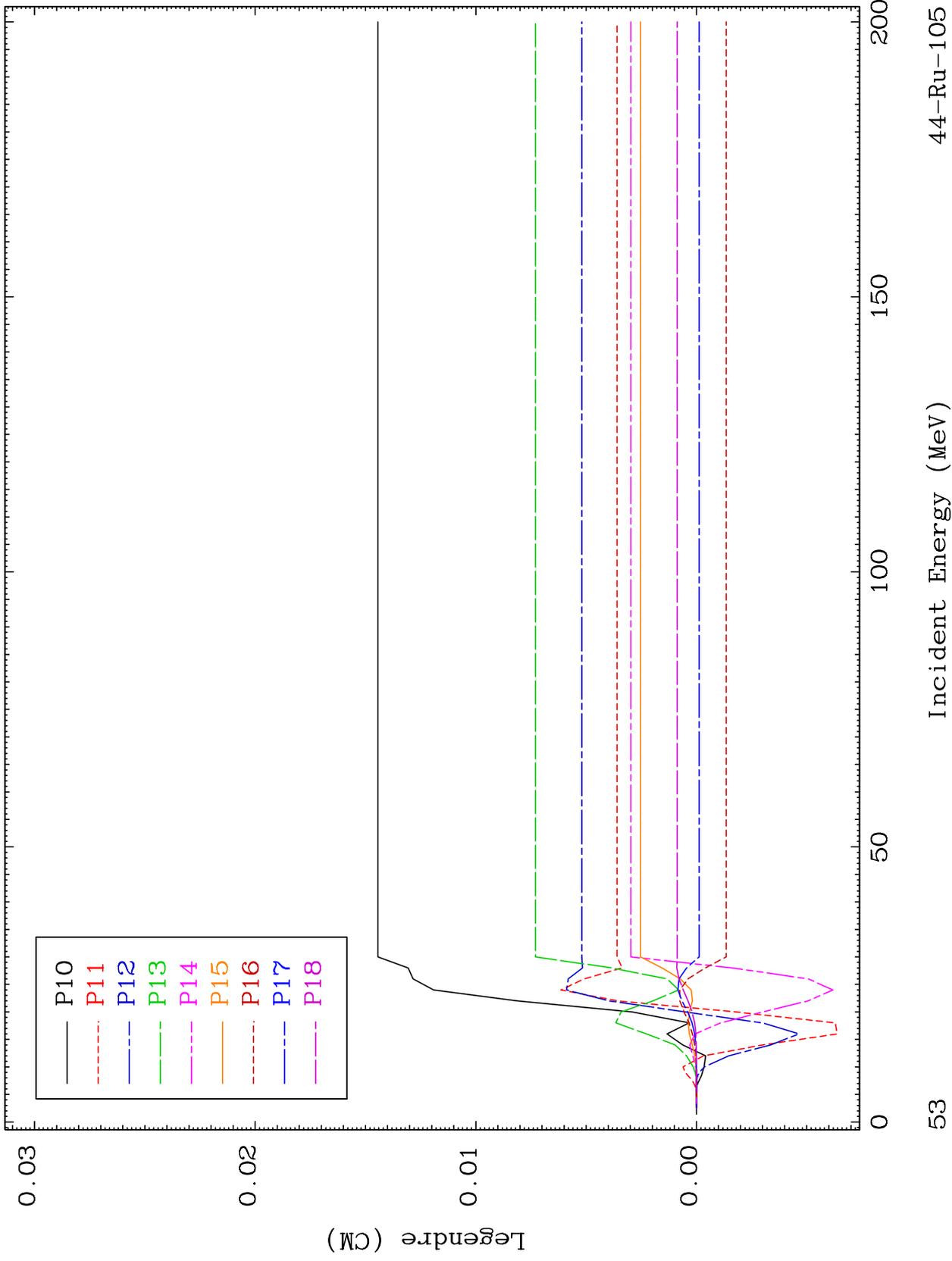
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



53

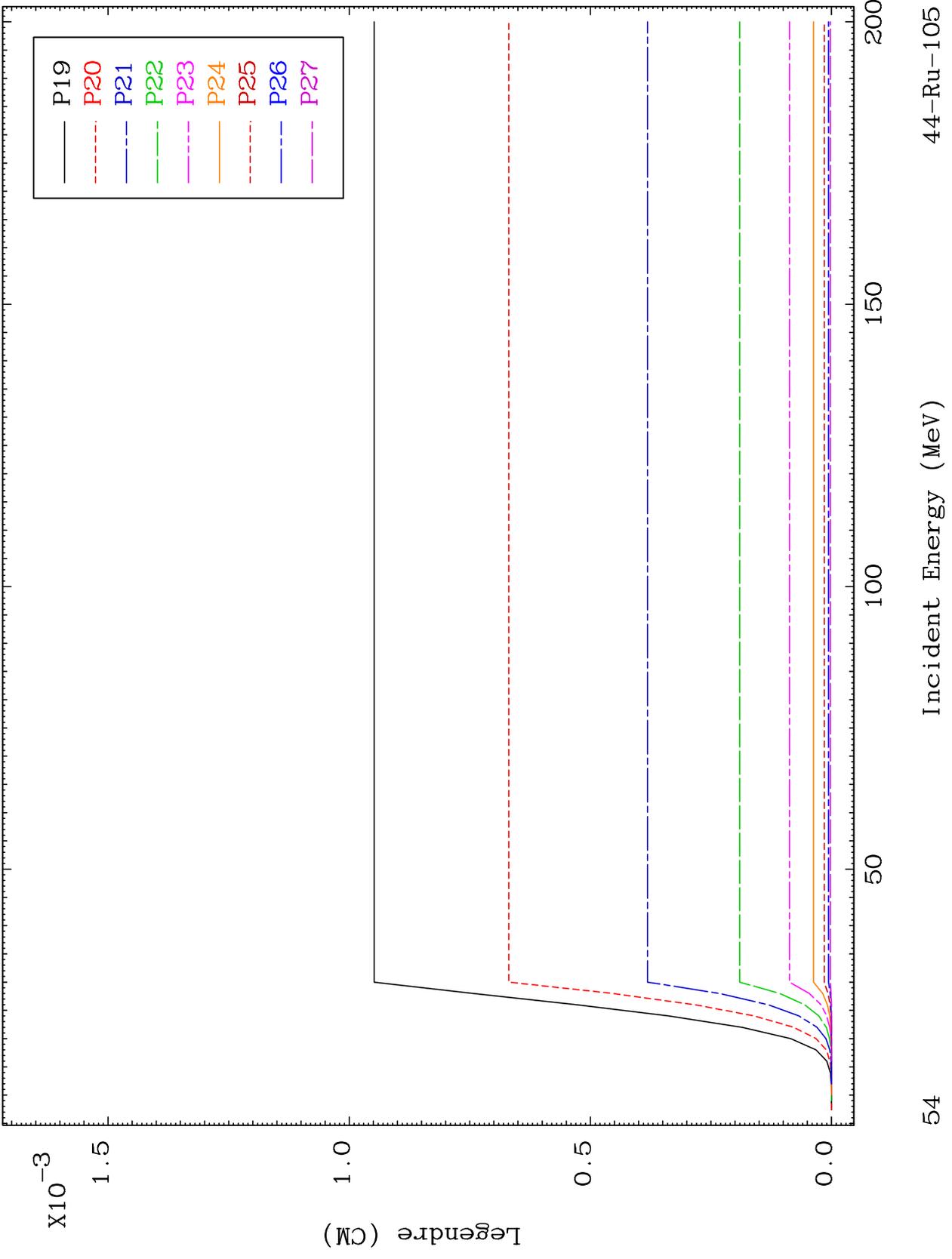
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



54

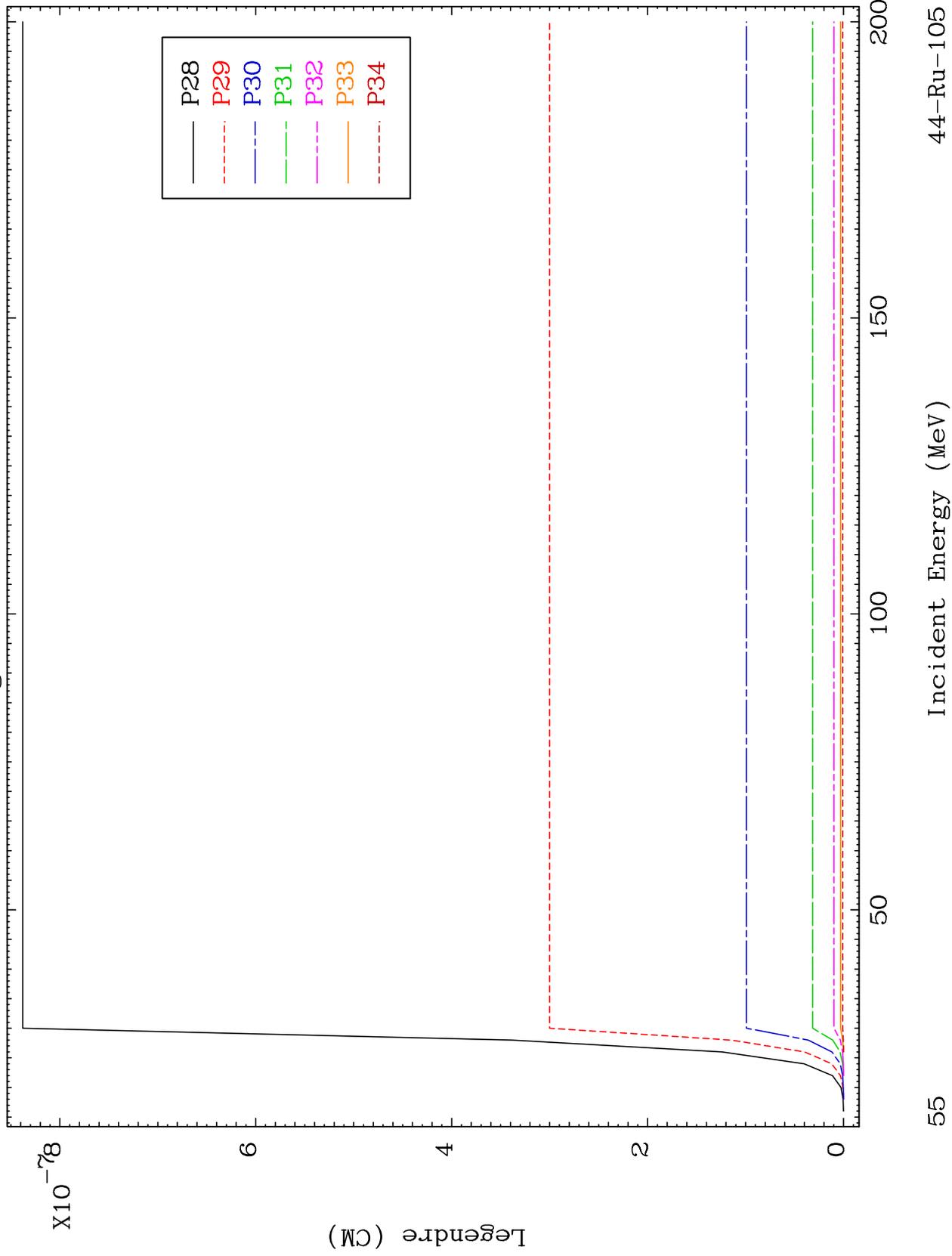
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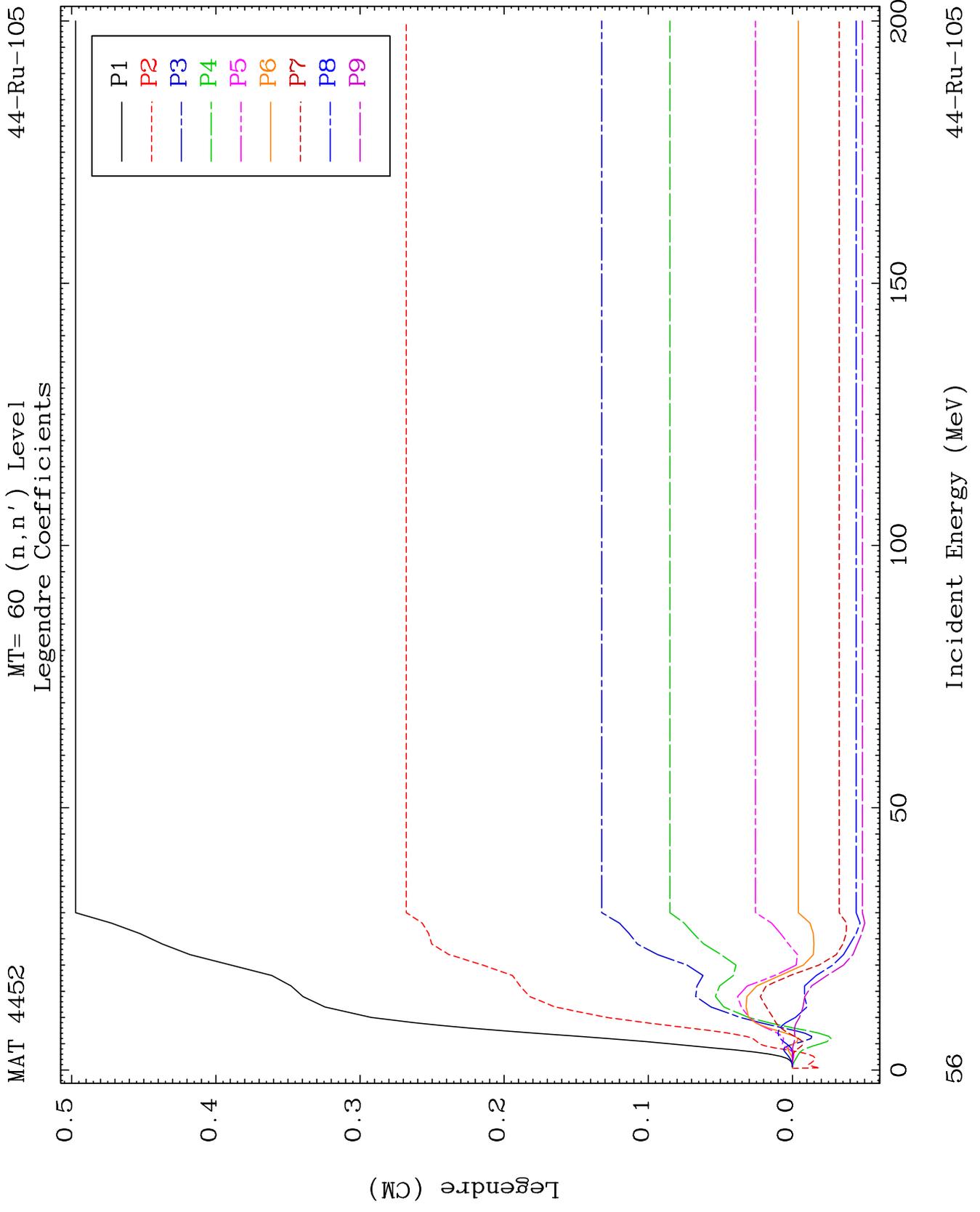
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MAT 4452

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

44-Ru-105

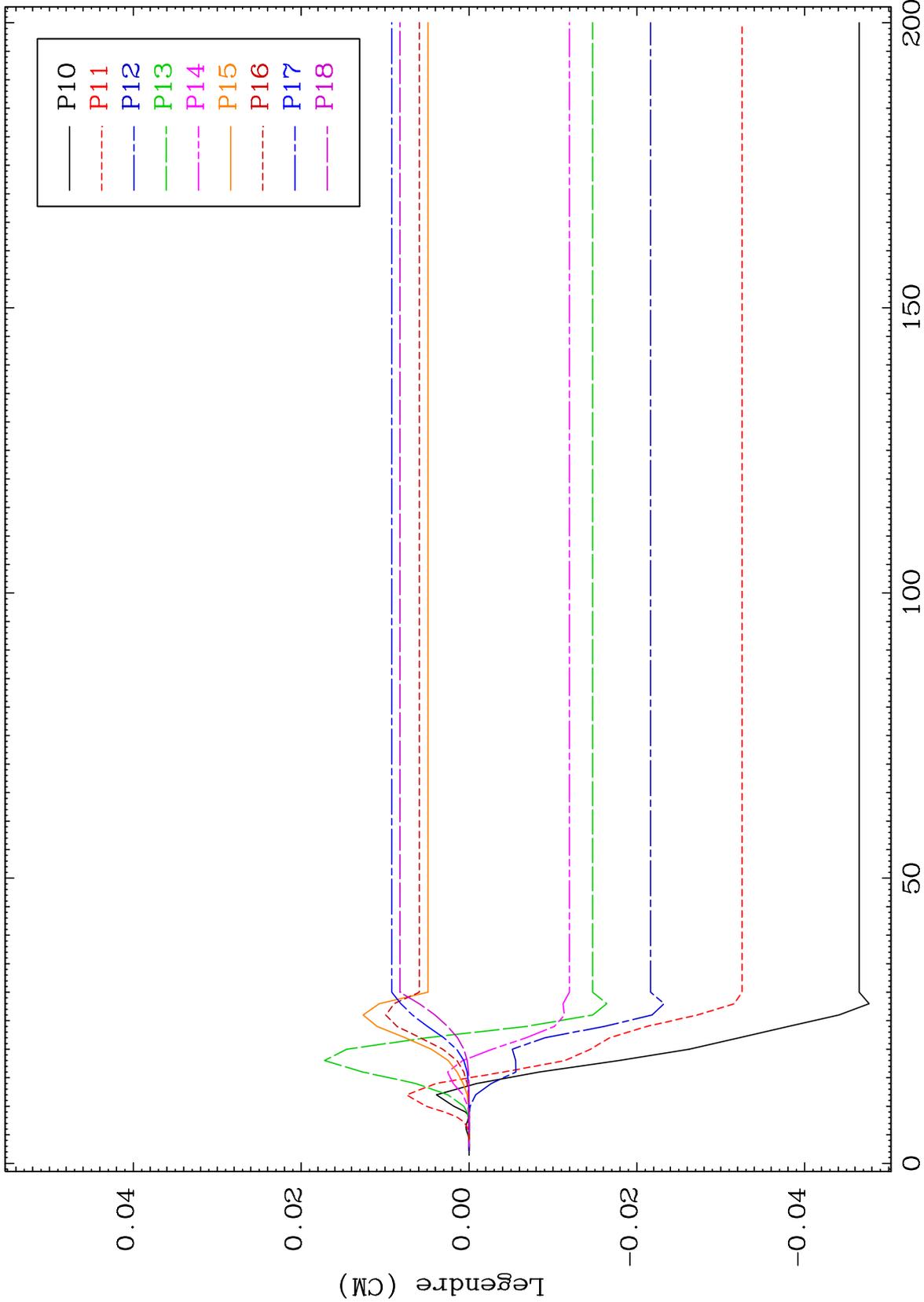




MAT 4452

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

44-Ru-105



57

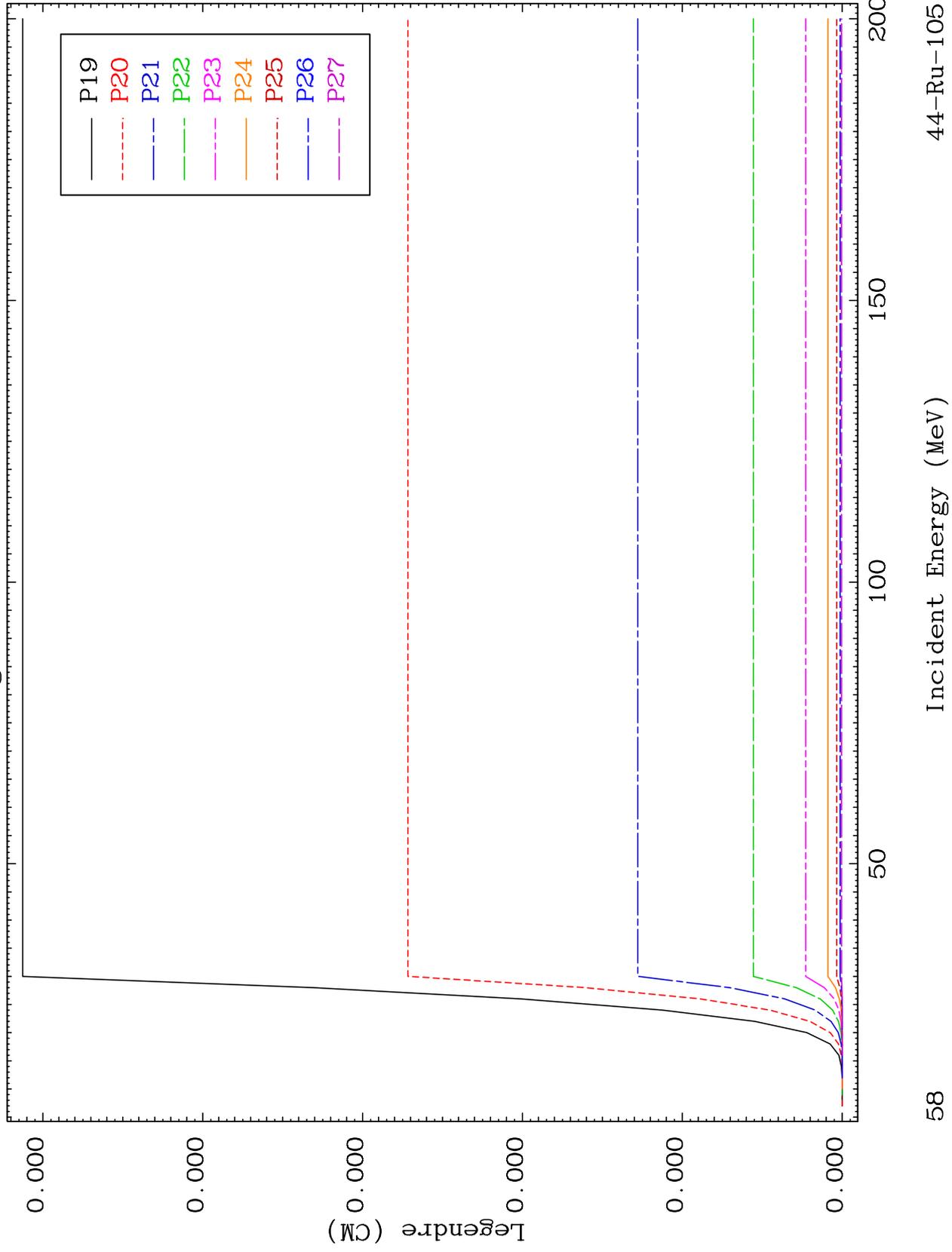
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

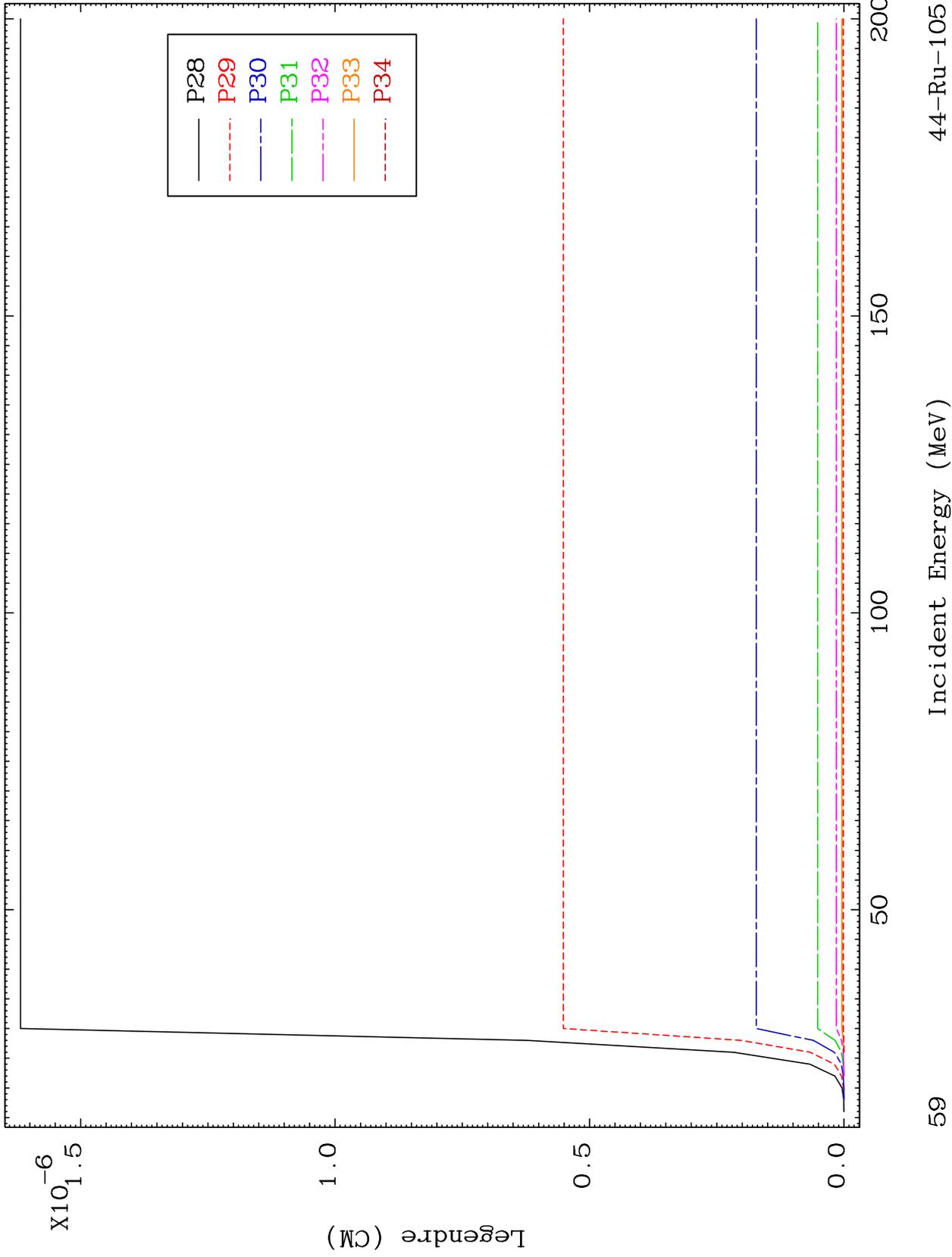


58

MAT 4452

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

44-Ru-105



59

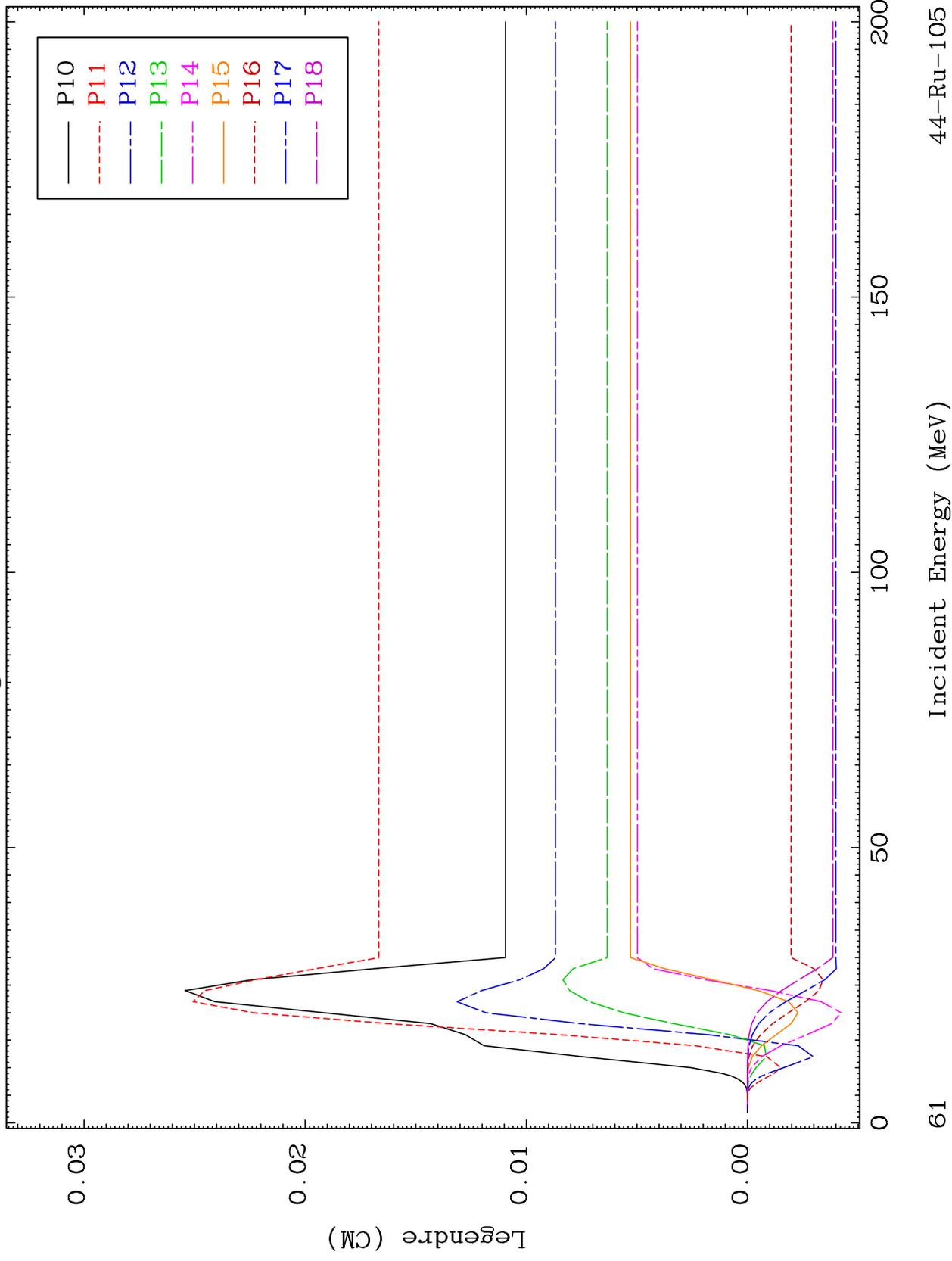
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



61

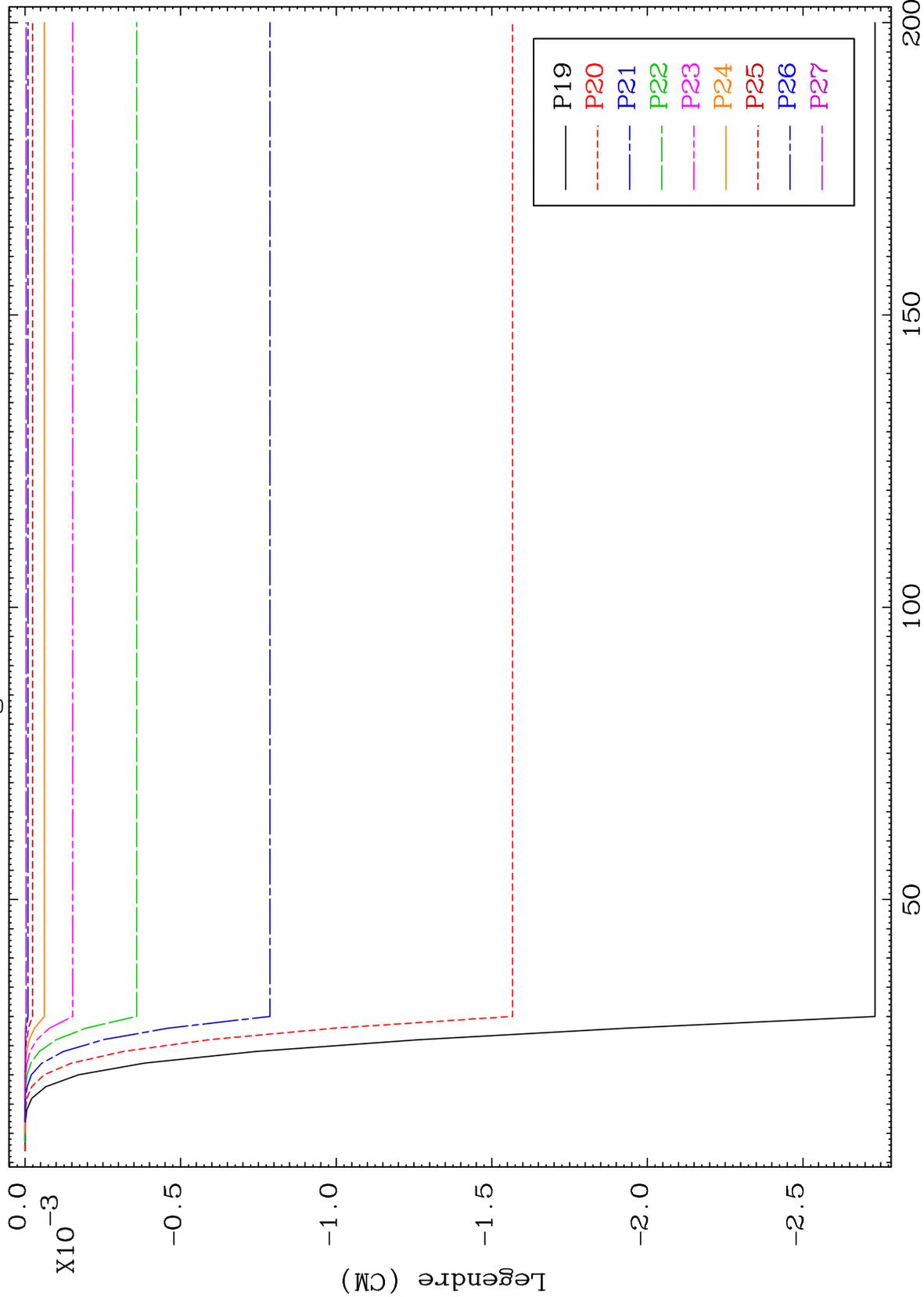
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

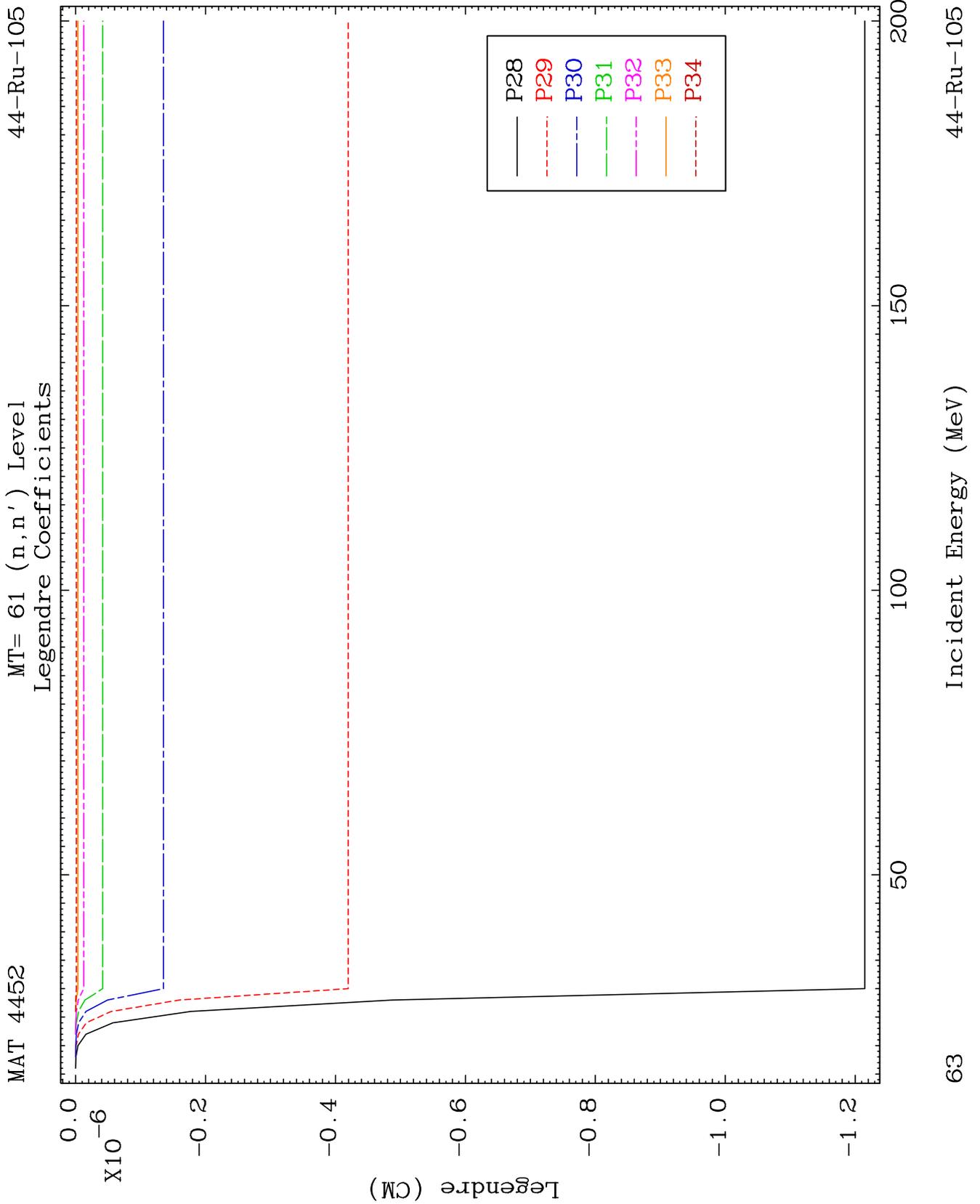
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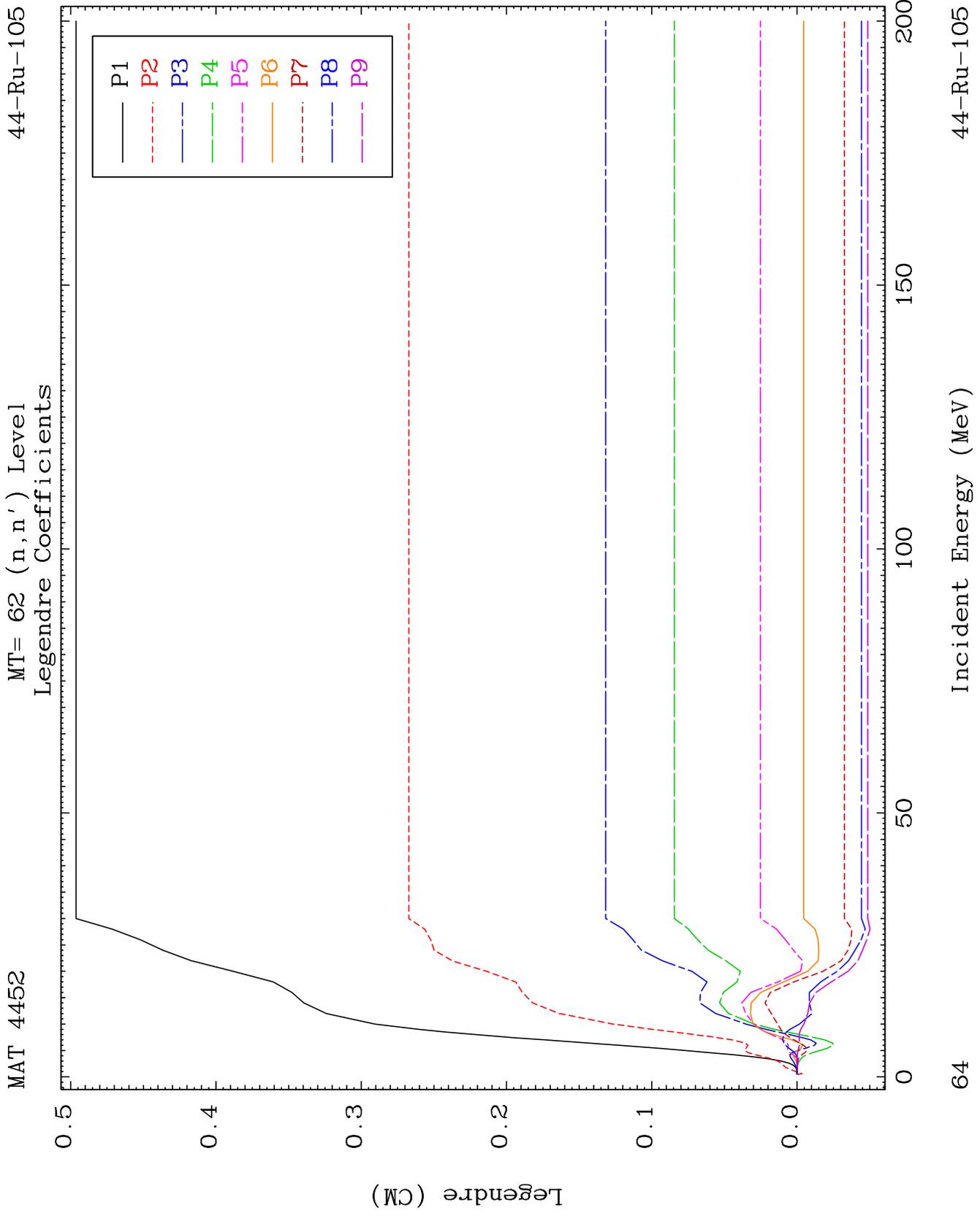


62

Incident Energy (MeV)

44-Ru-105

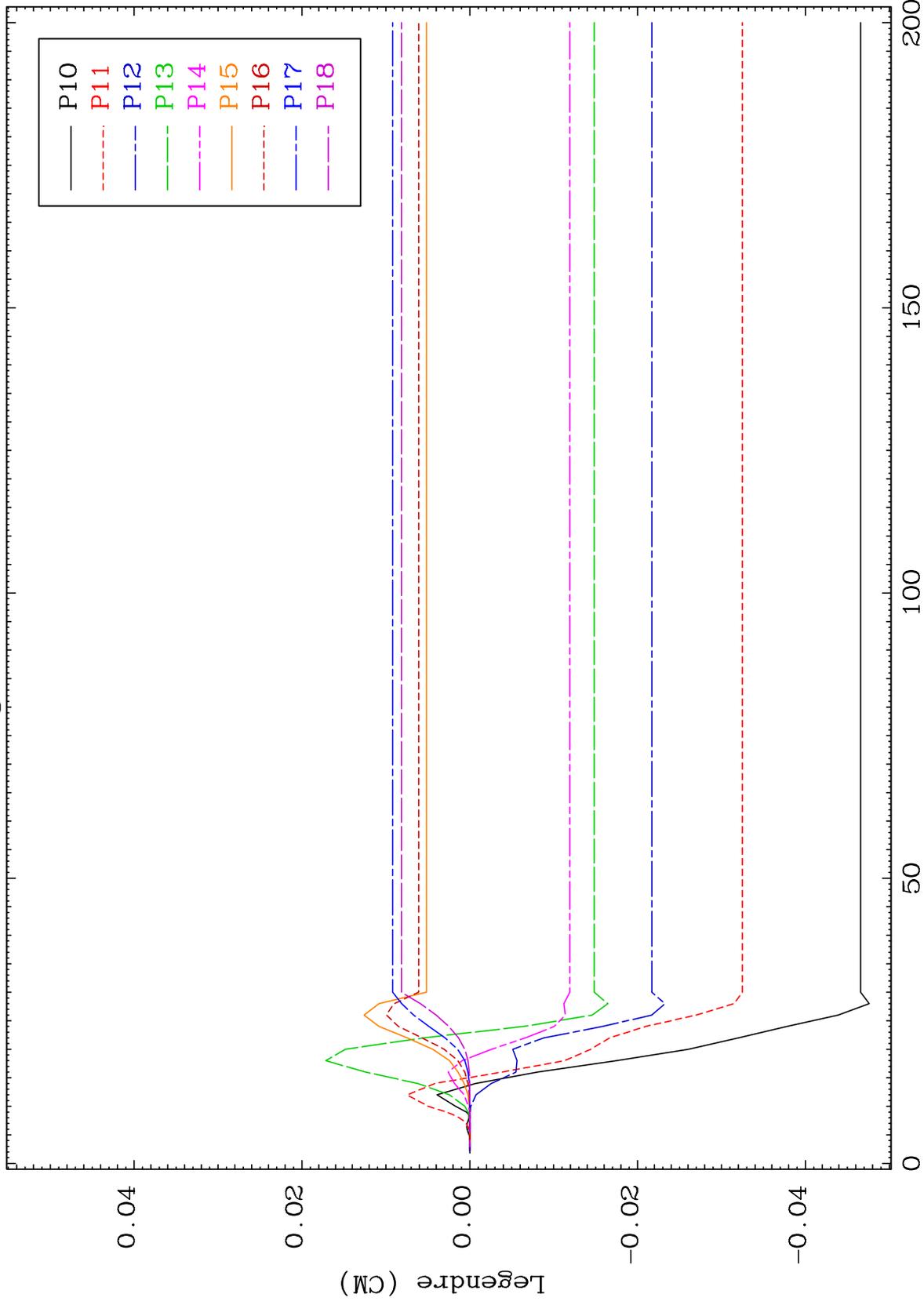




MAT 4452

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

44-Ru-105



65

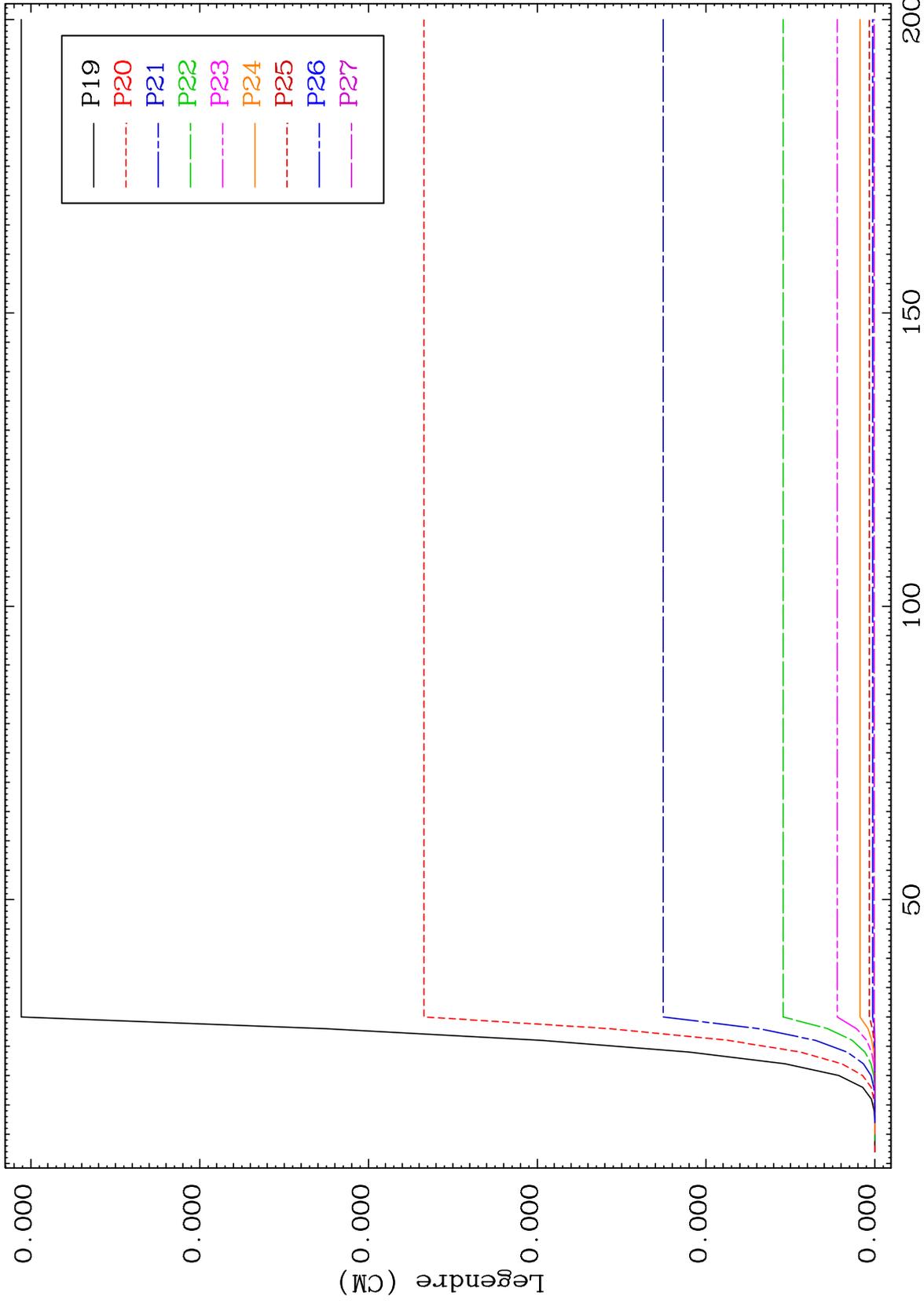
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



66

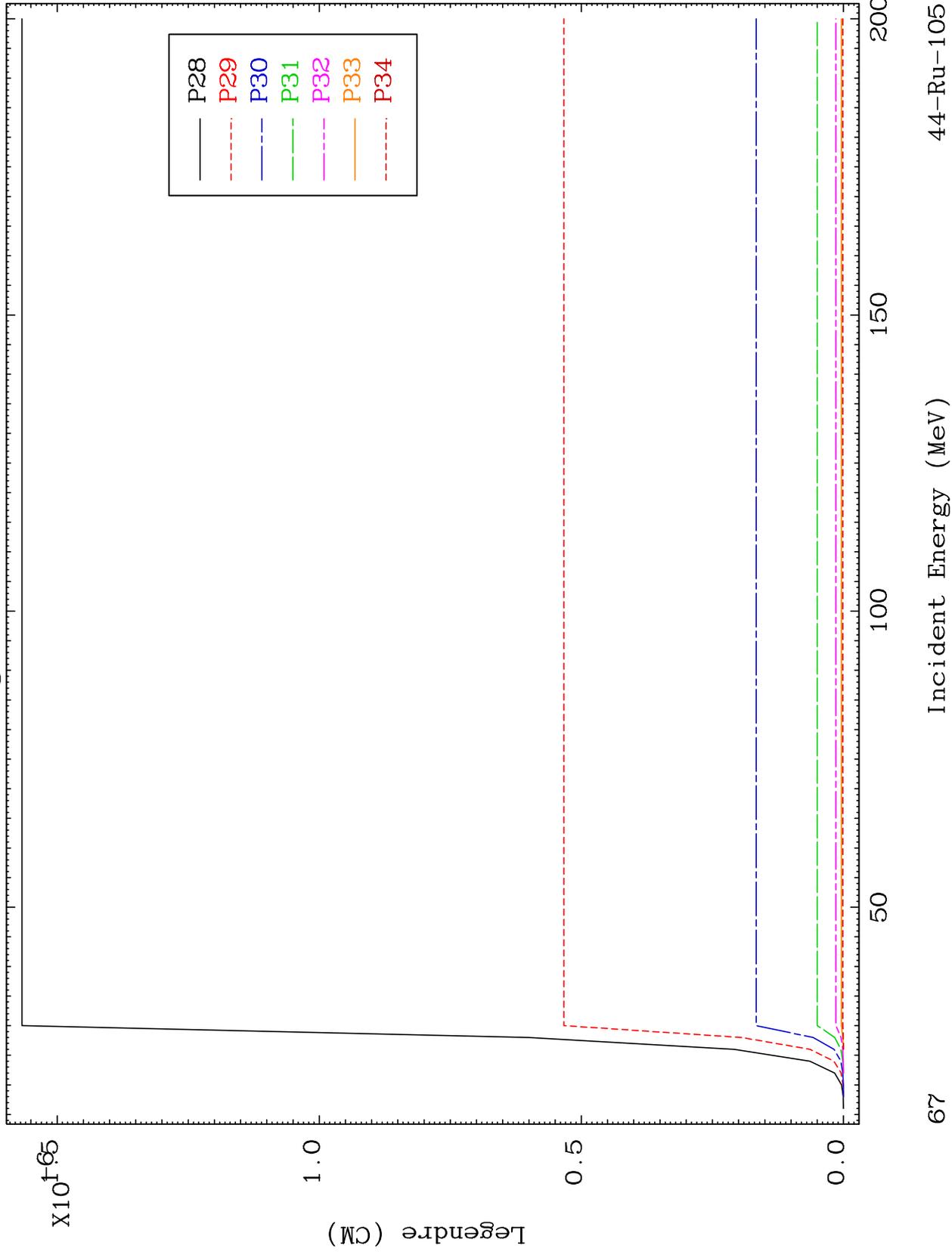
Incident Energy (MeV)

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MAT 4452

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

44-Ru-105



67

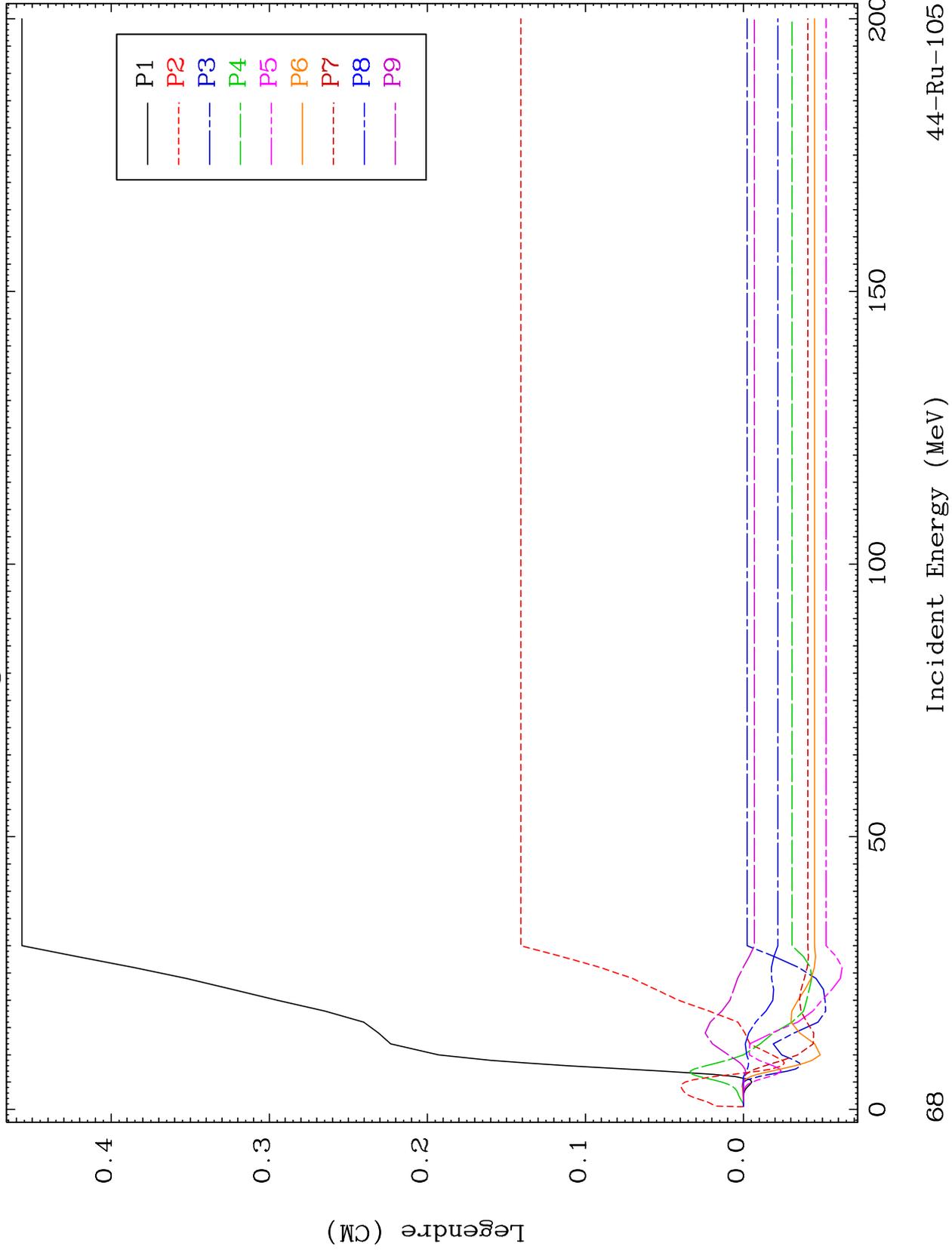
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

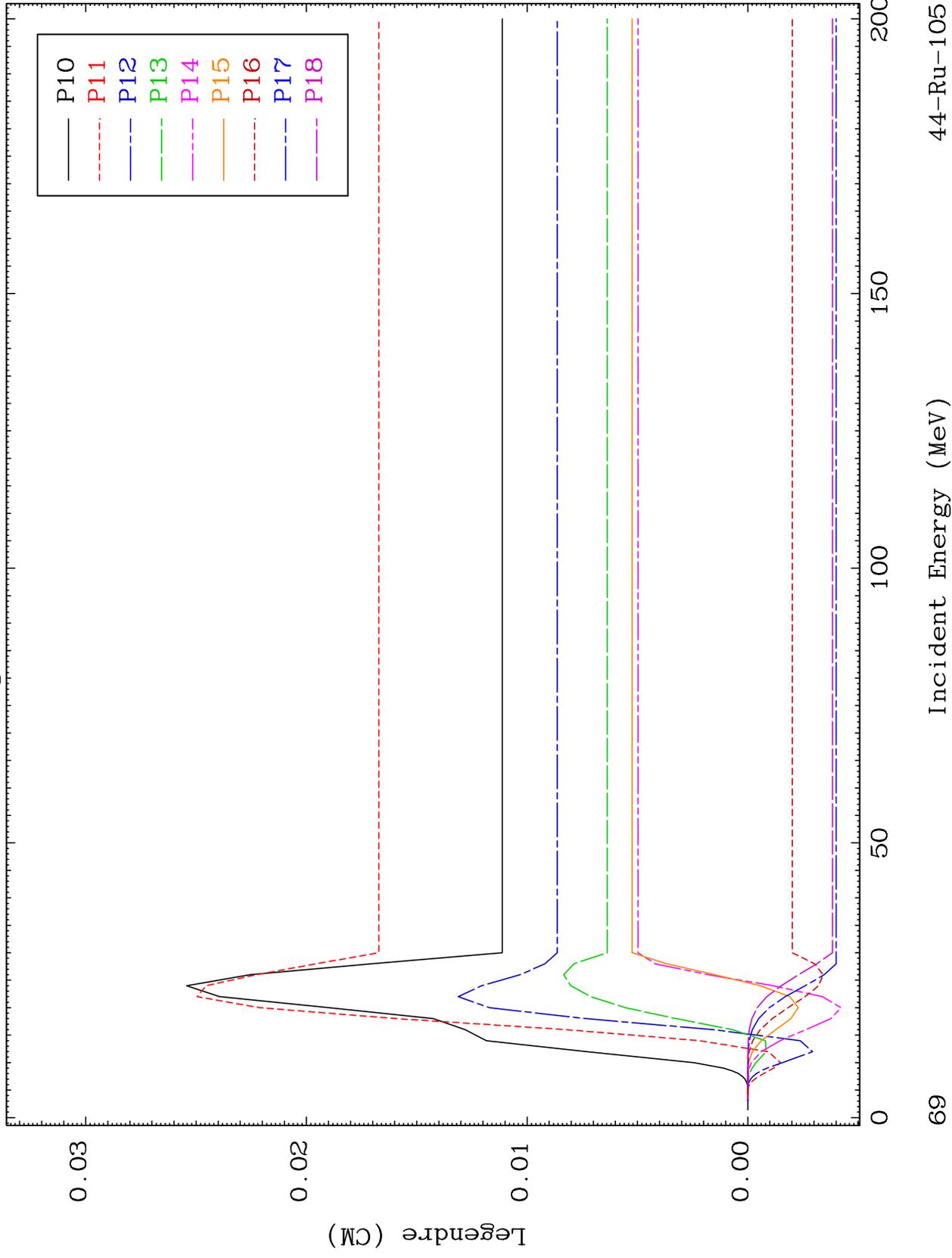
Incident Energy (MeV)

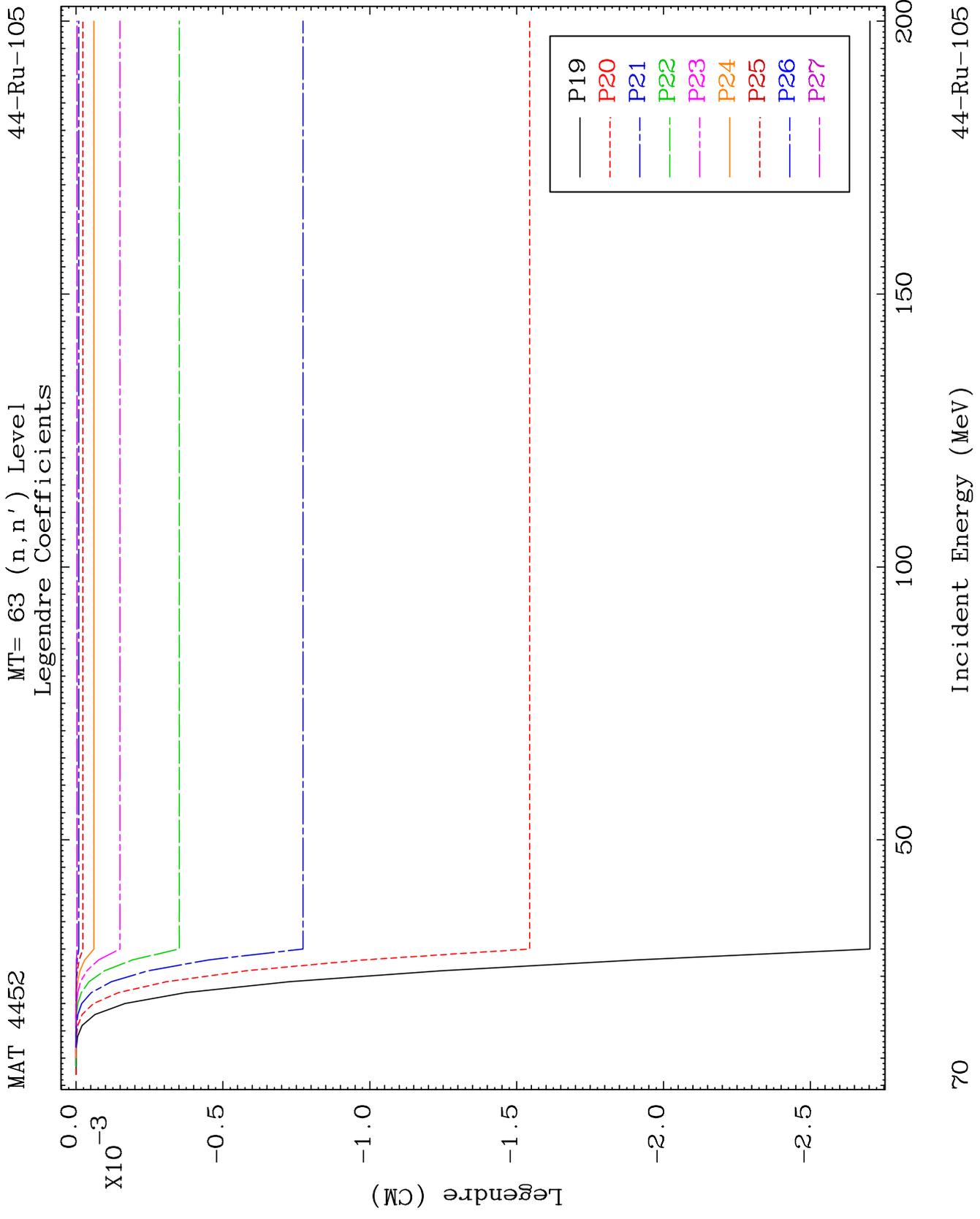
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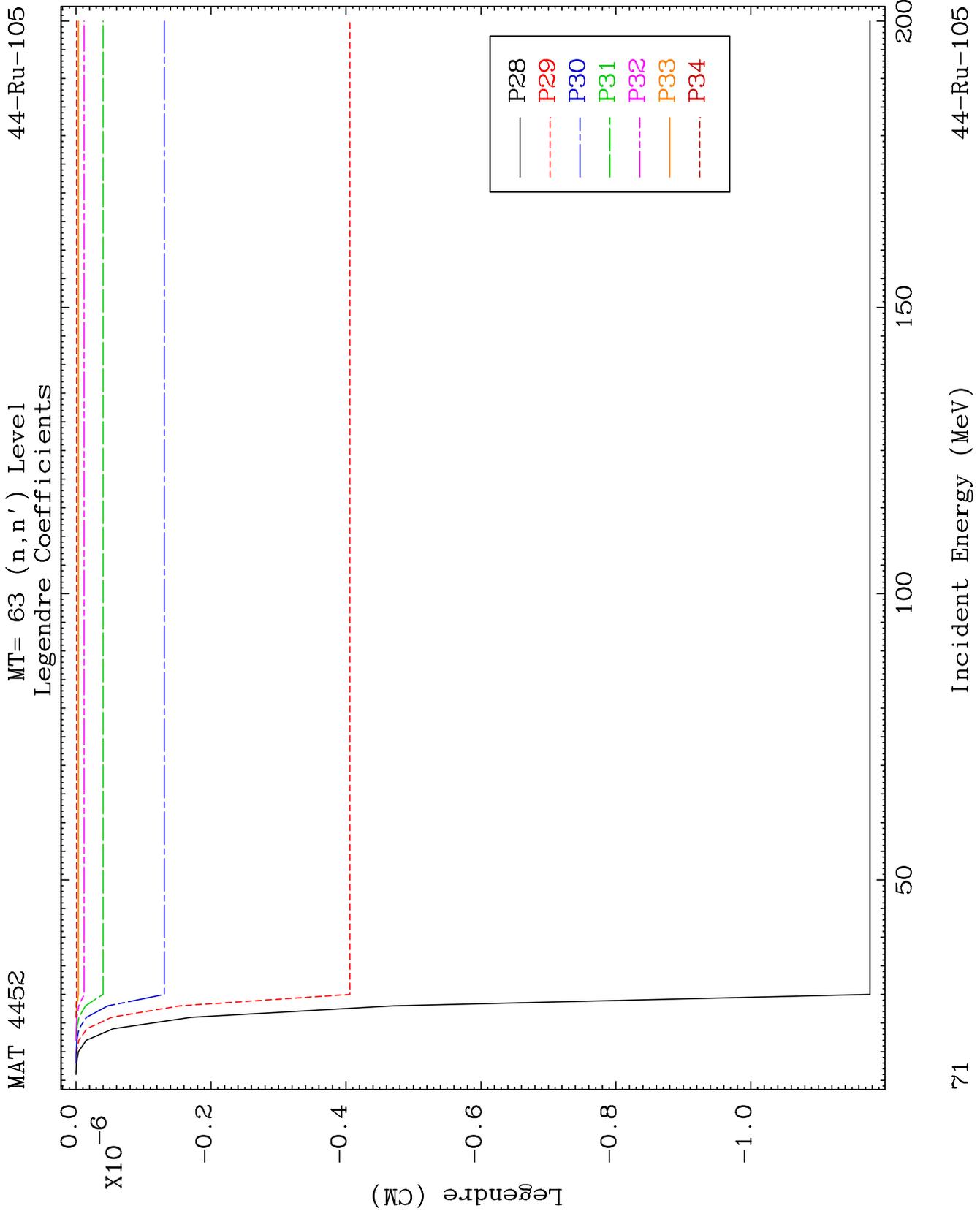
MAT 4452

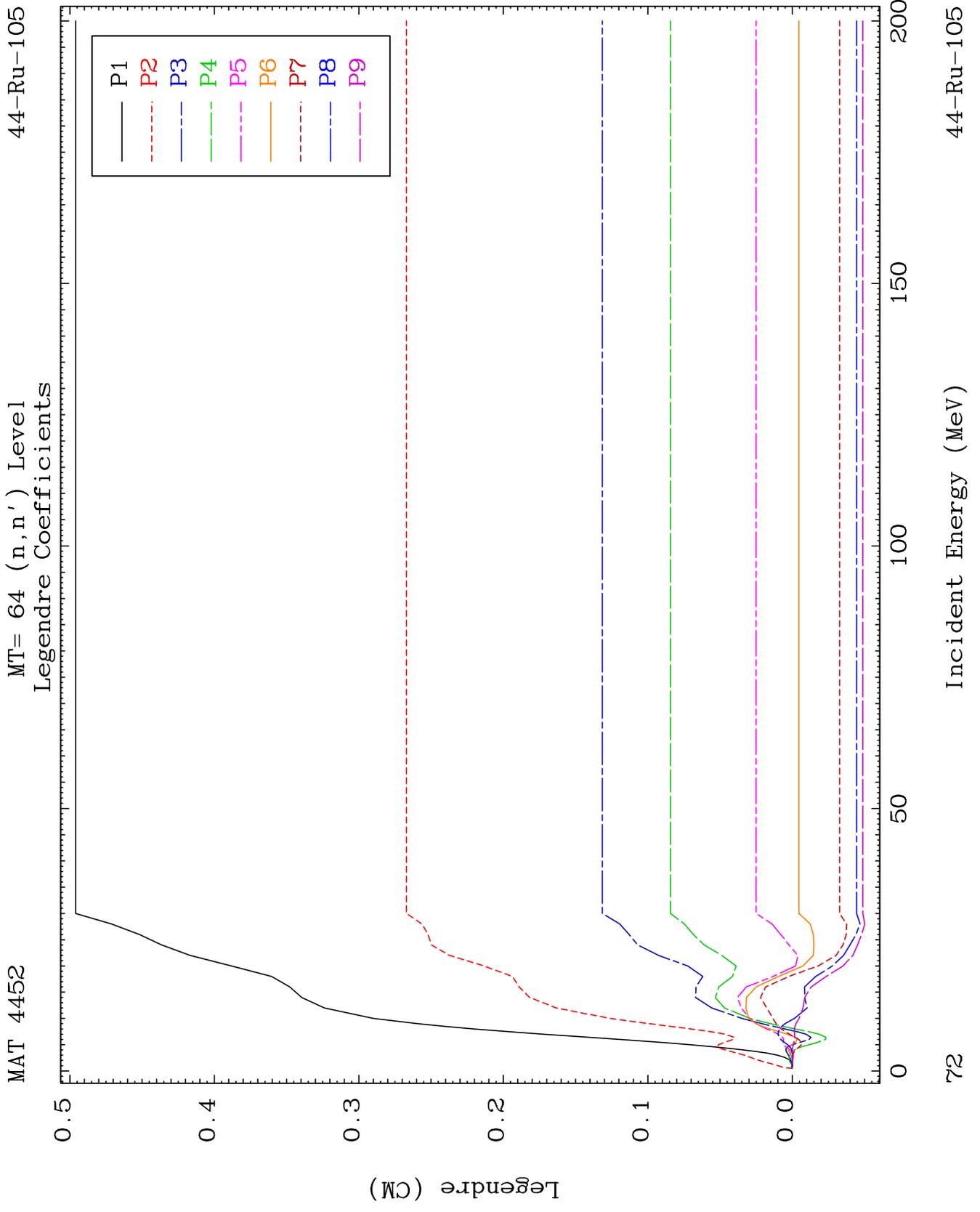
MT= 63 (n,n') Level
Legendre Coefficients

44-Ru-105





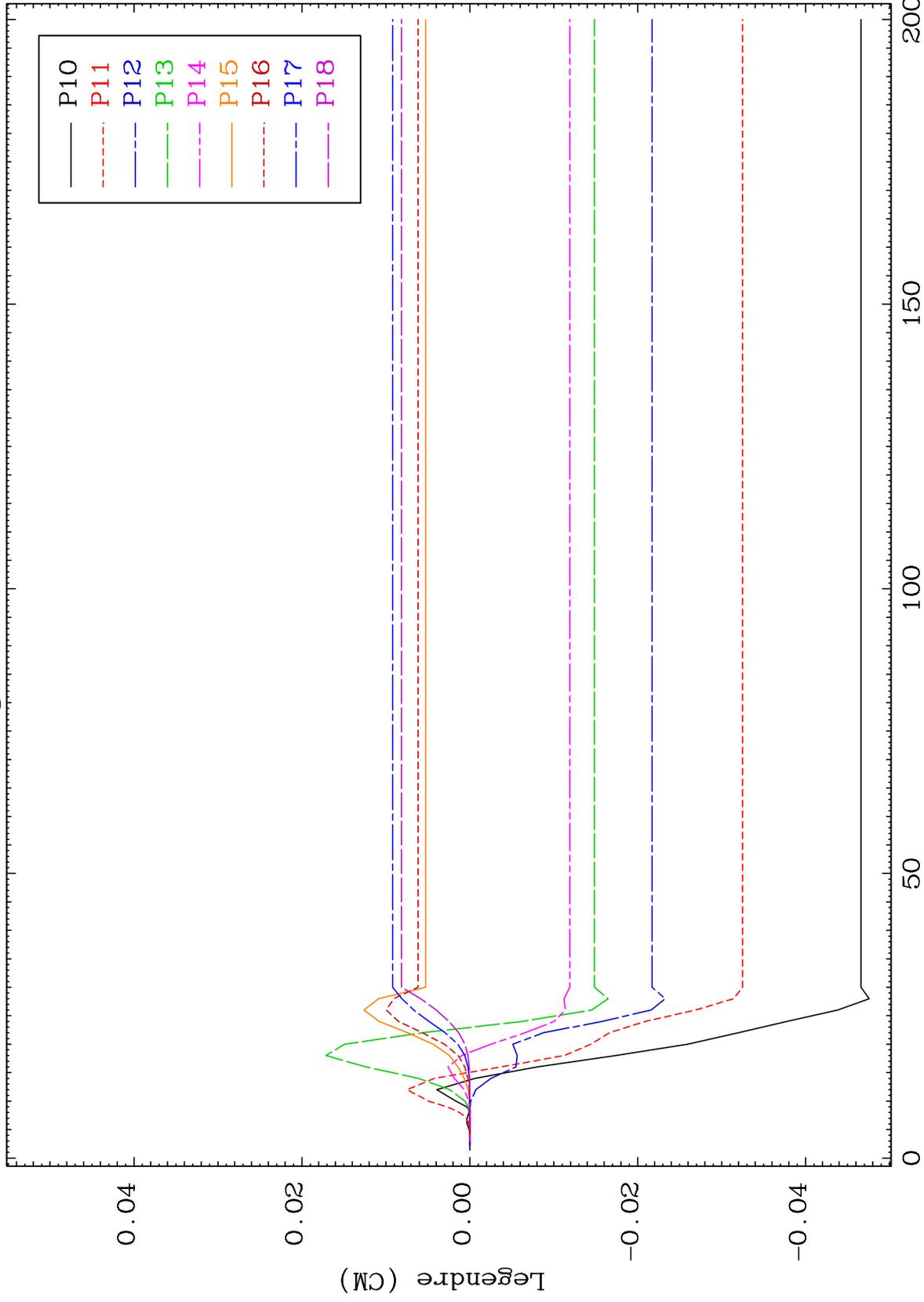




MAT 4452

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

44-Ru-105



73

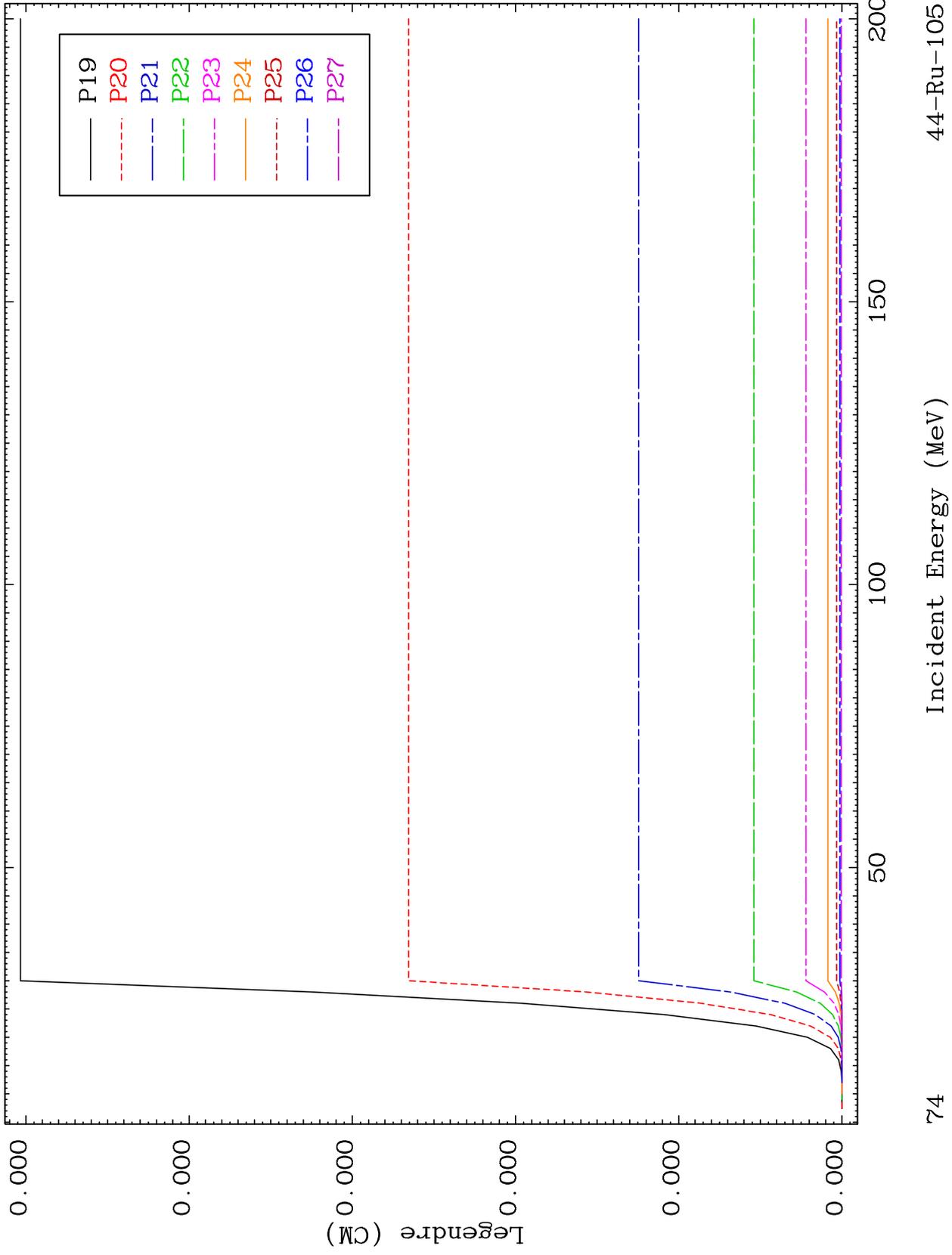
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

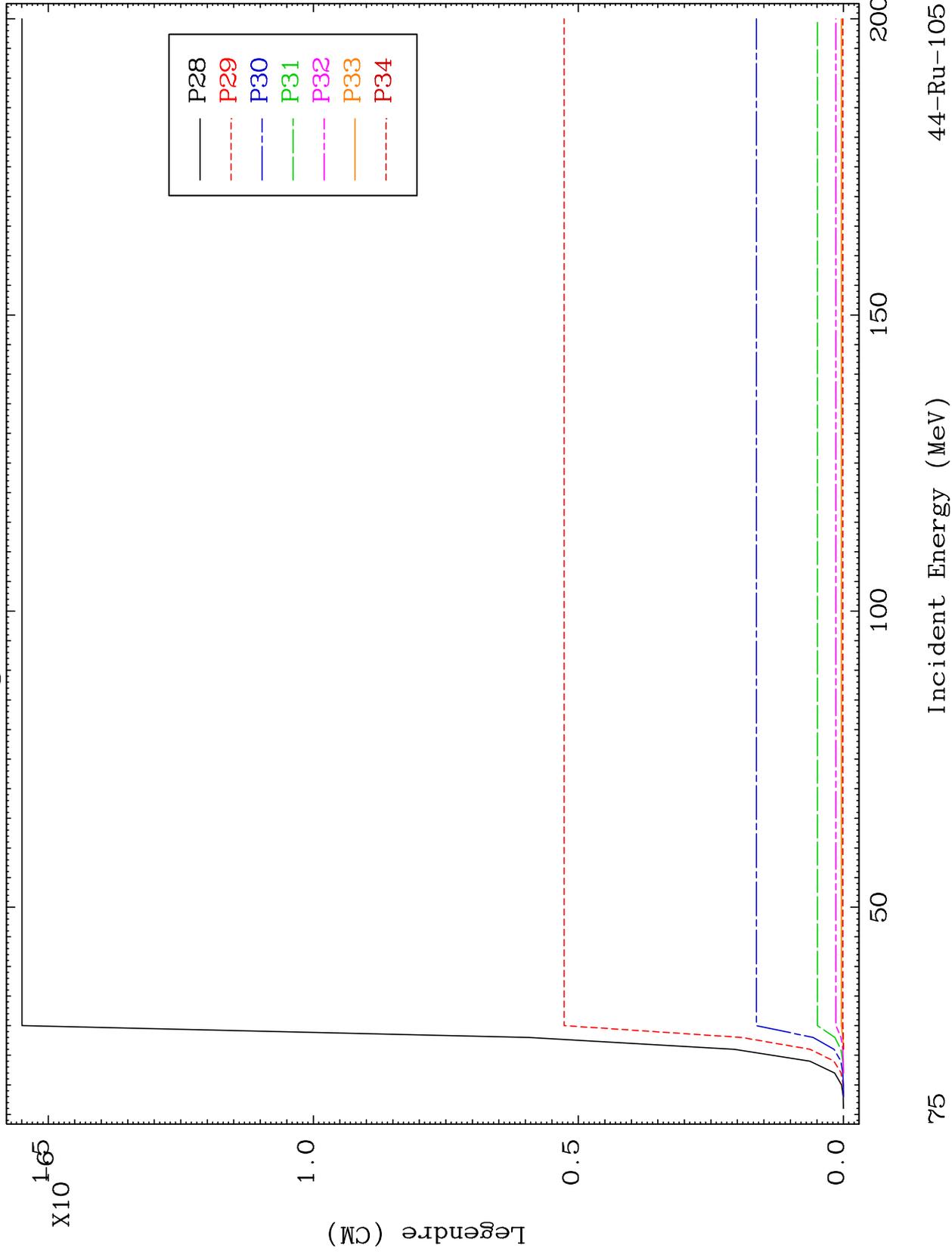
44-Ru-105



MAT 4452

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

44-Ru-105



75

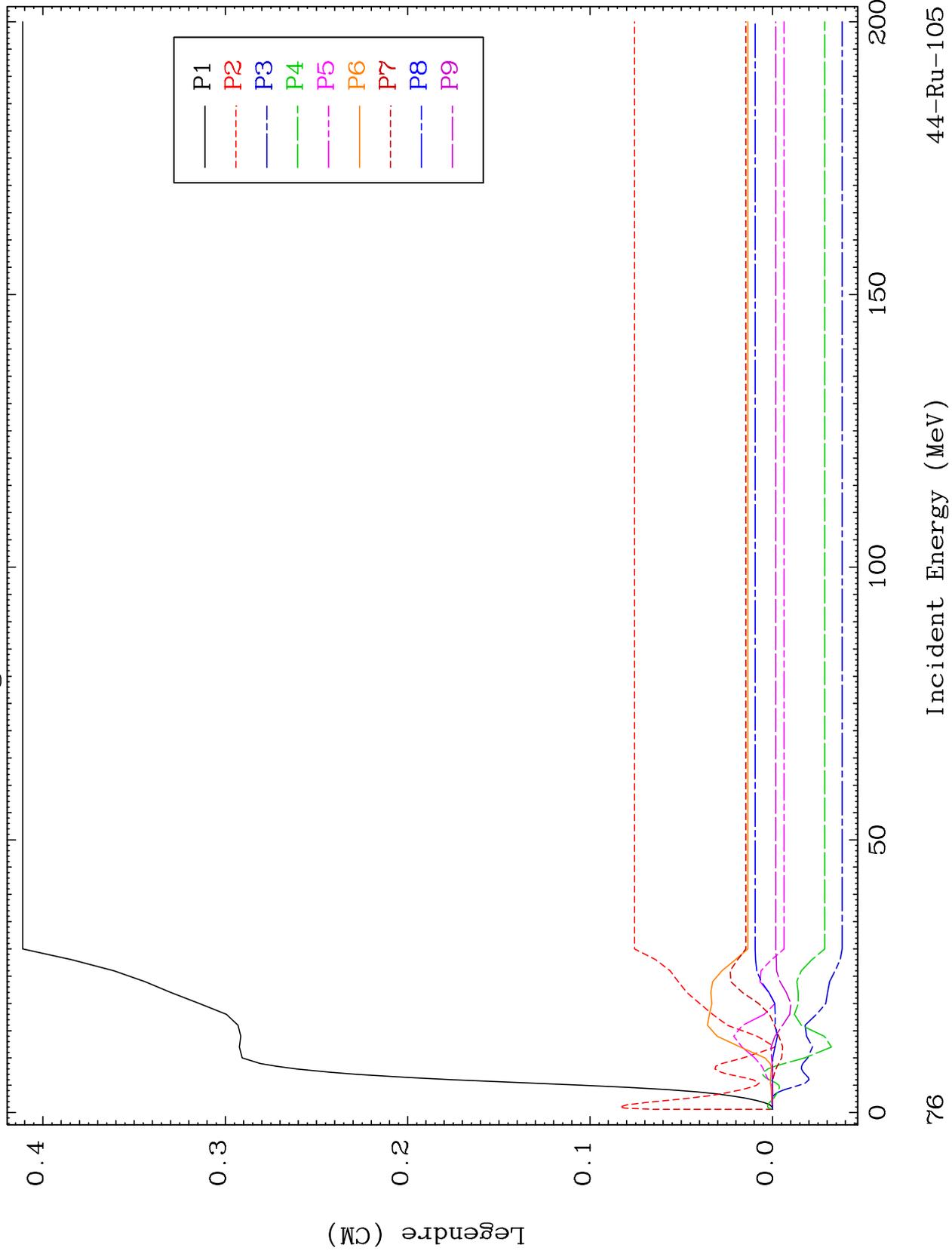
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



76

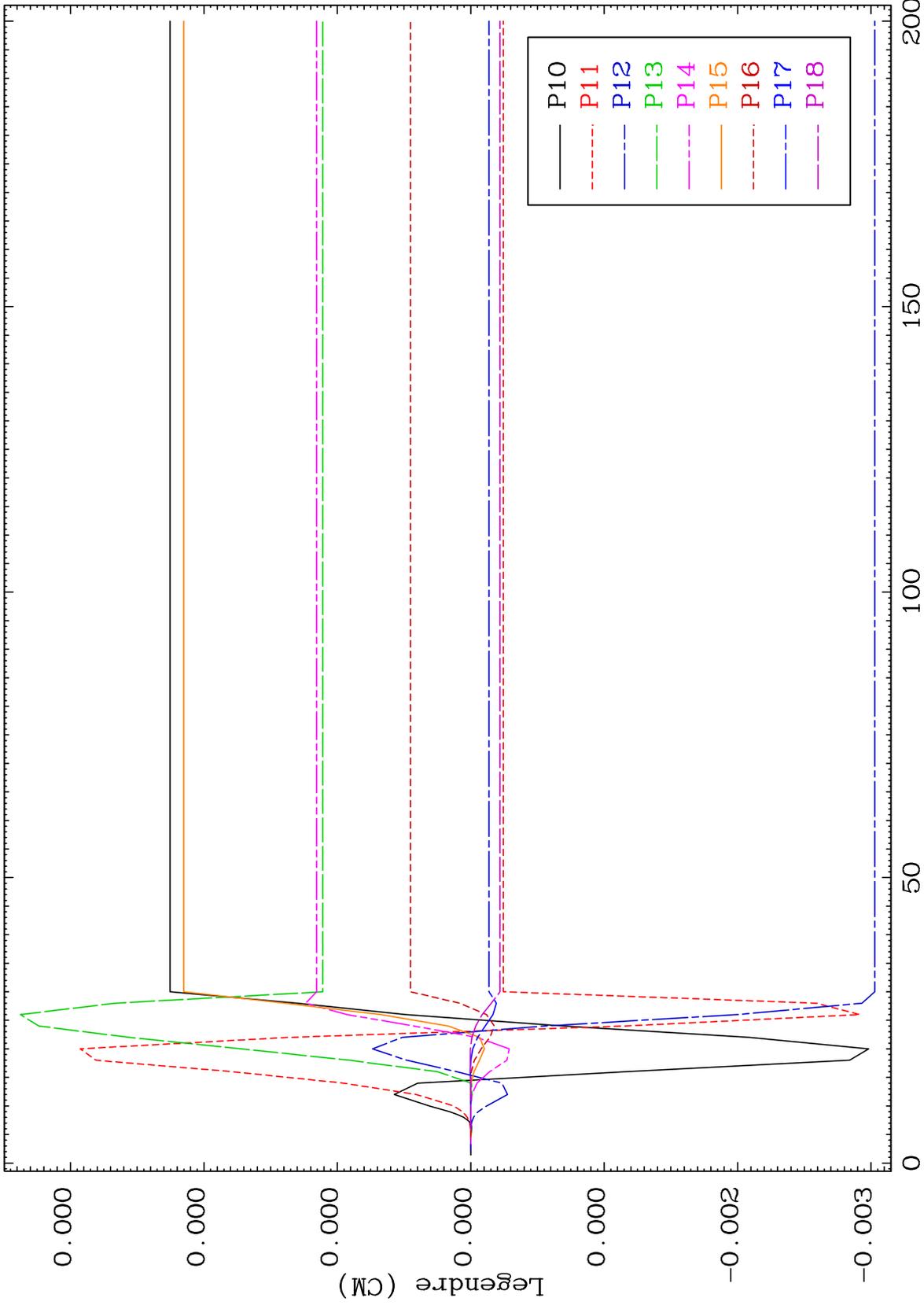
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



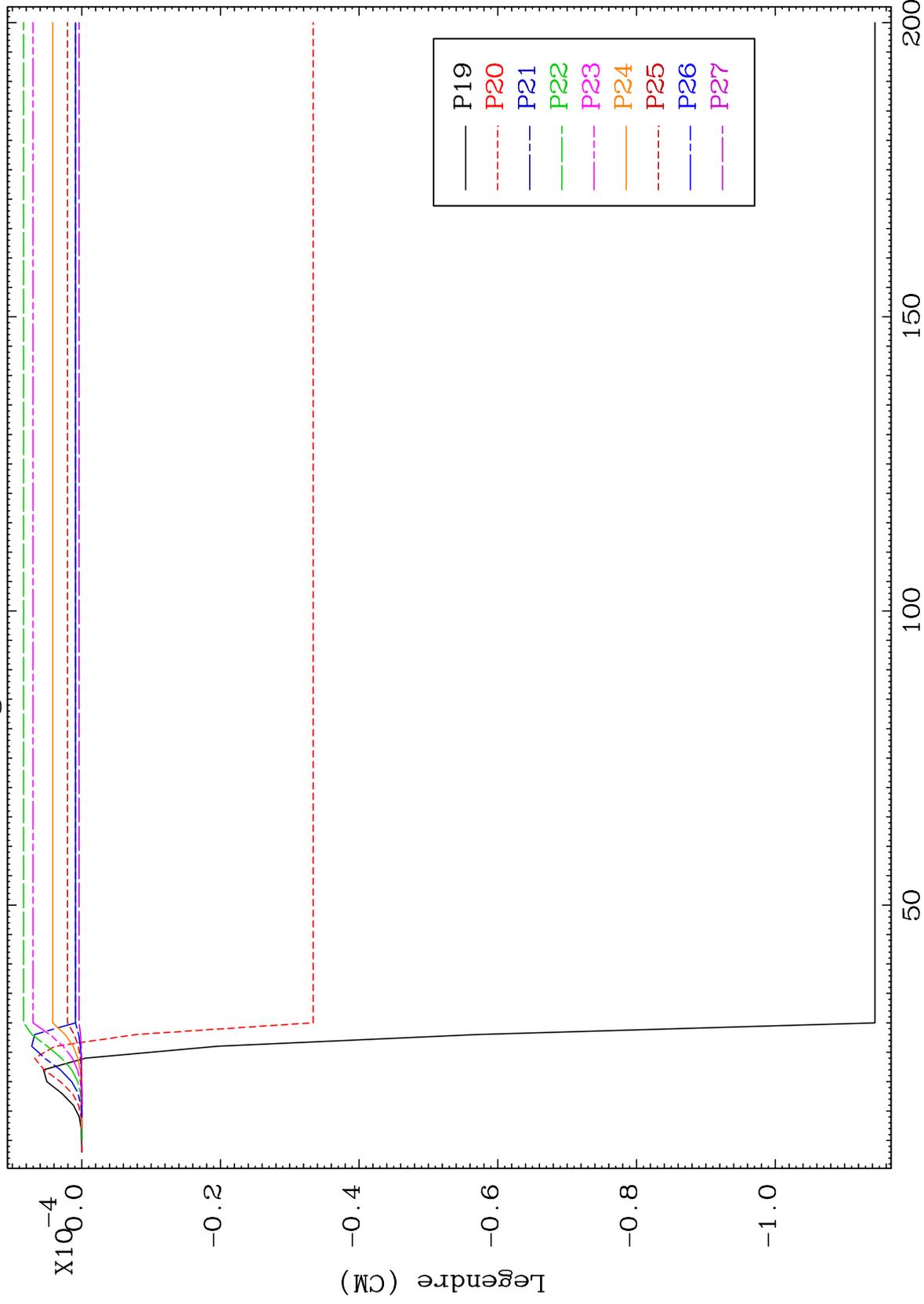
77

44-Ru-105

MAT 4452

44-Ru-105

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



78

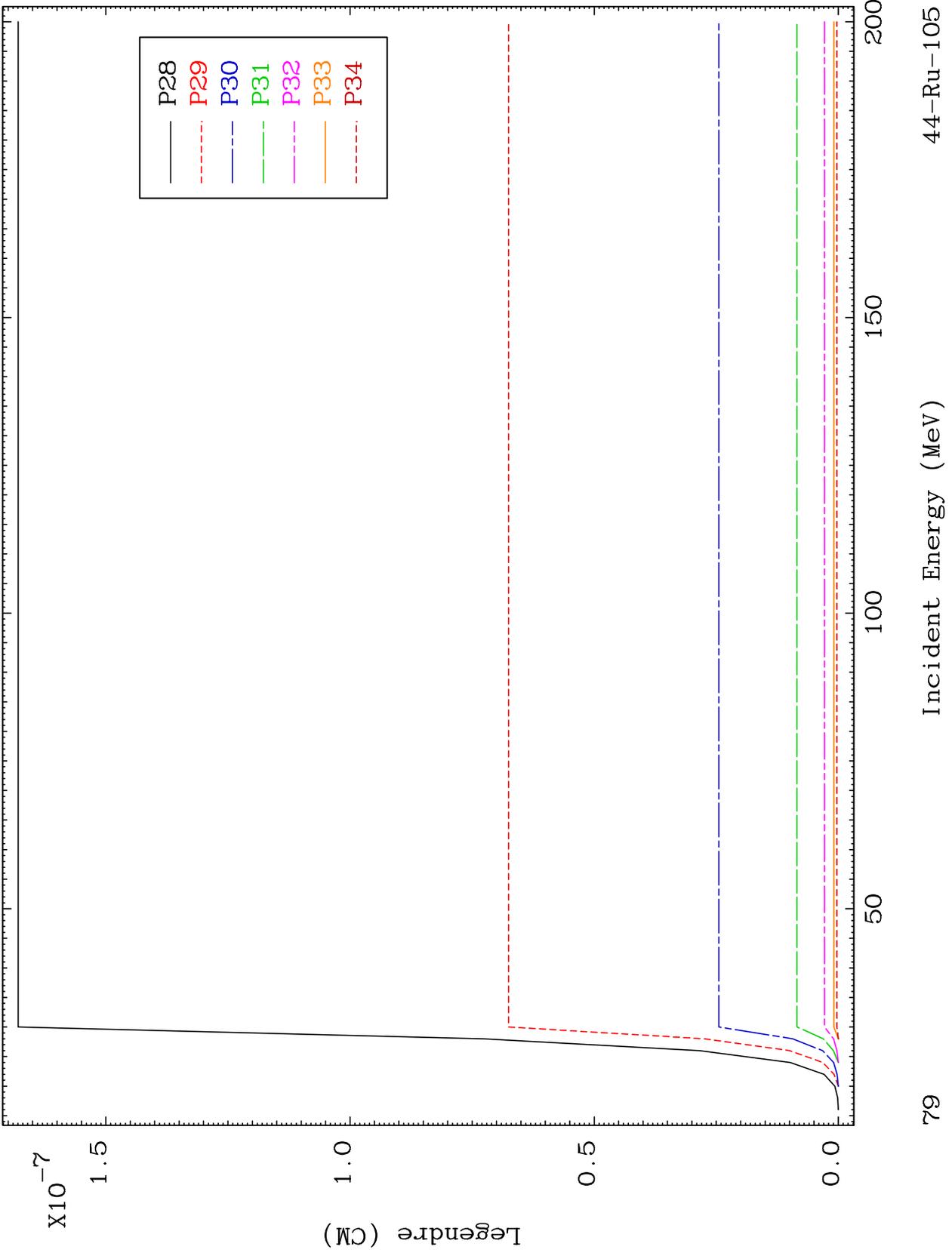
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



79

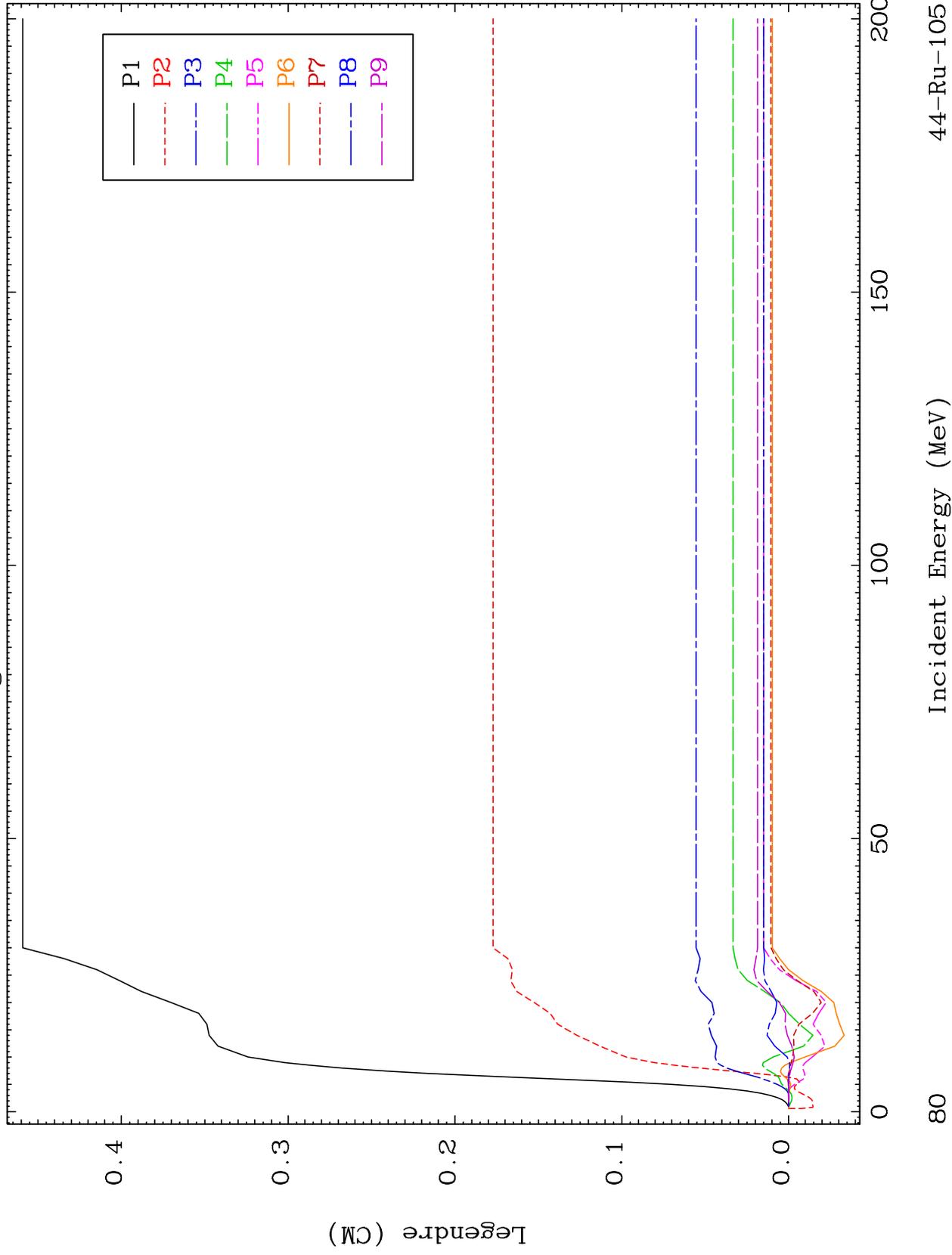
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

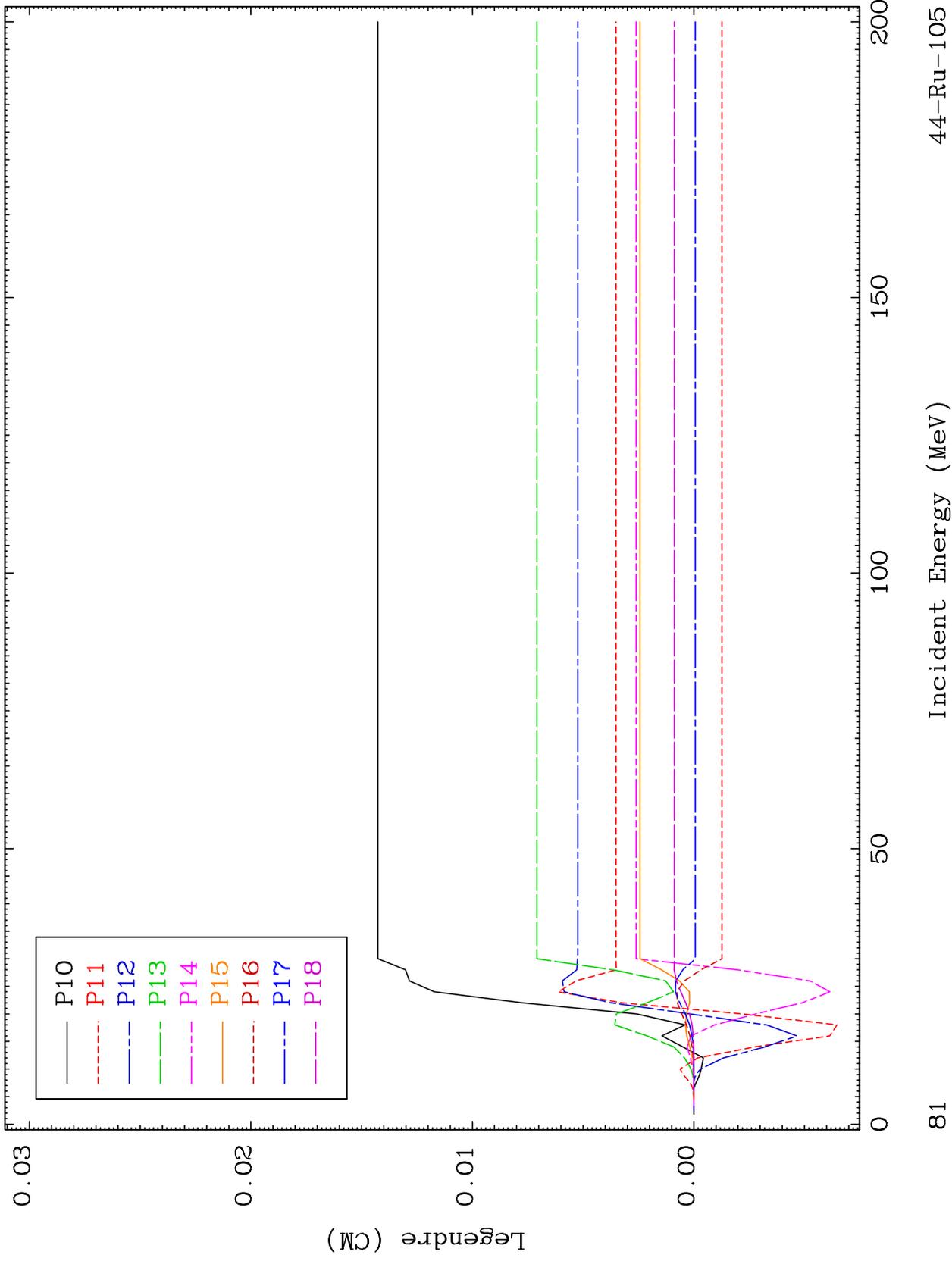
Incident Energy (MeV)

80

MAT 4452

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

44-Ru-105



81

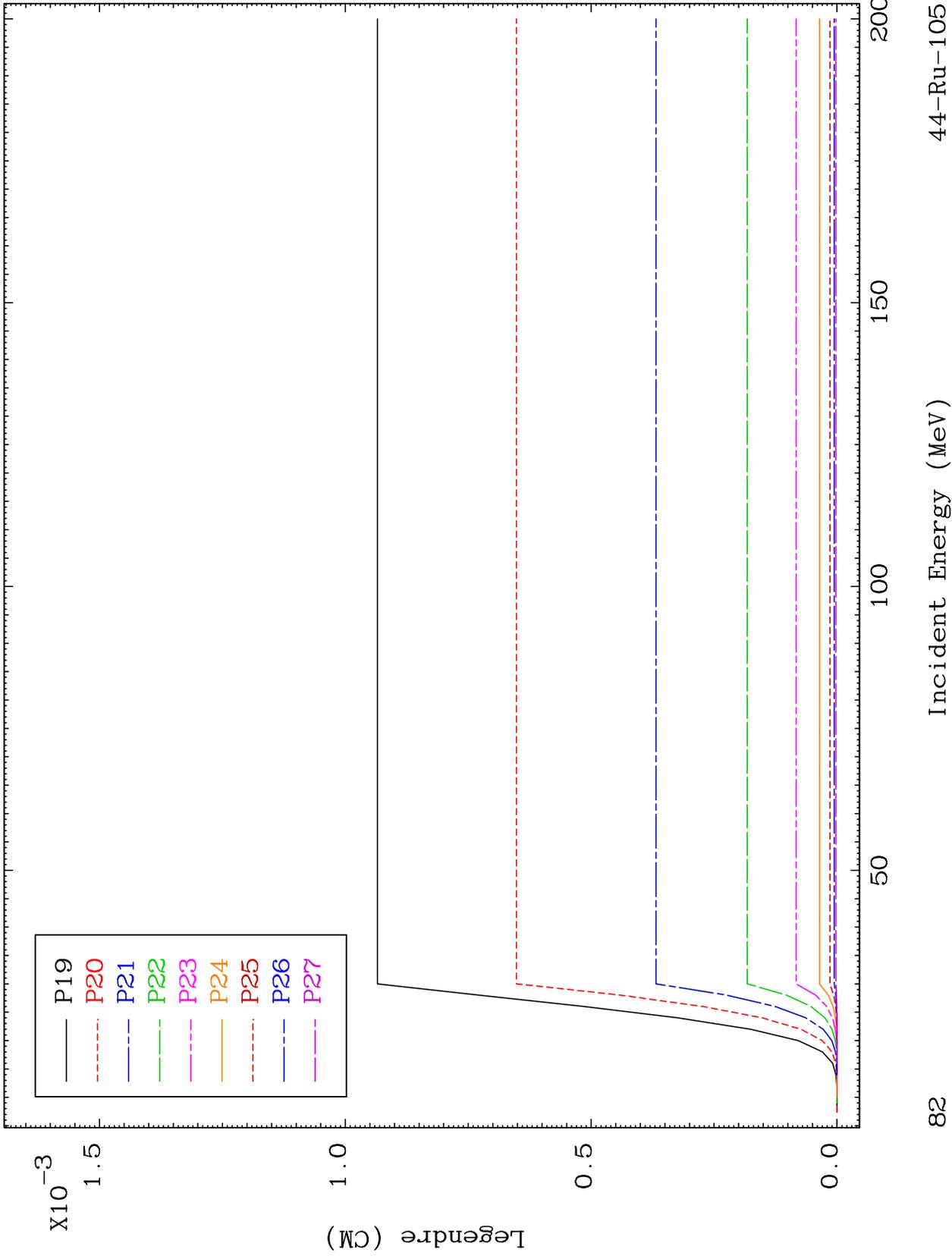
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



82

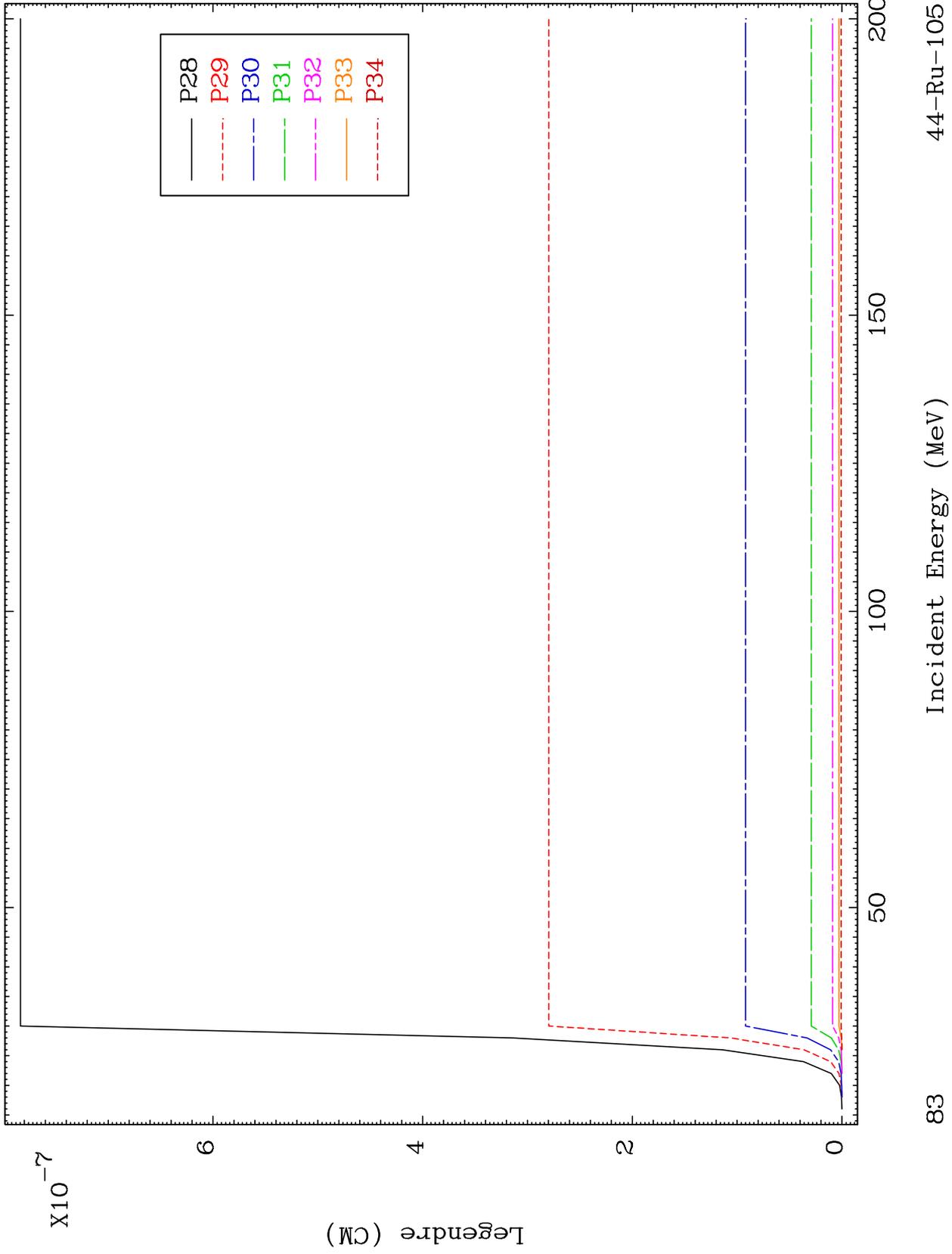
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

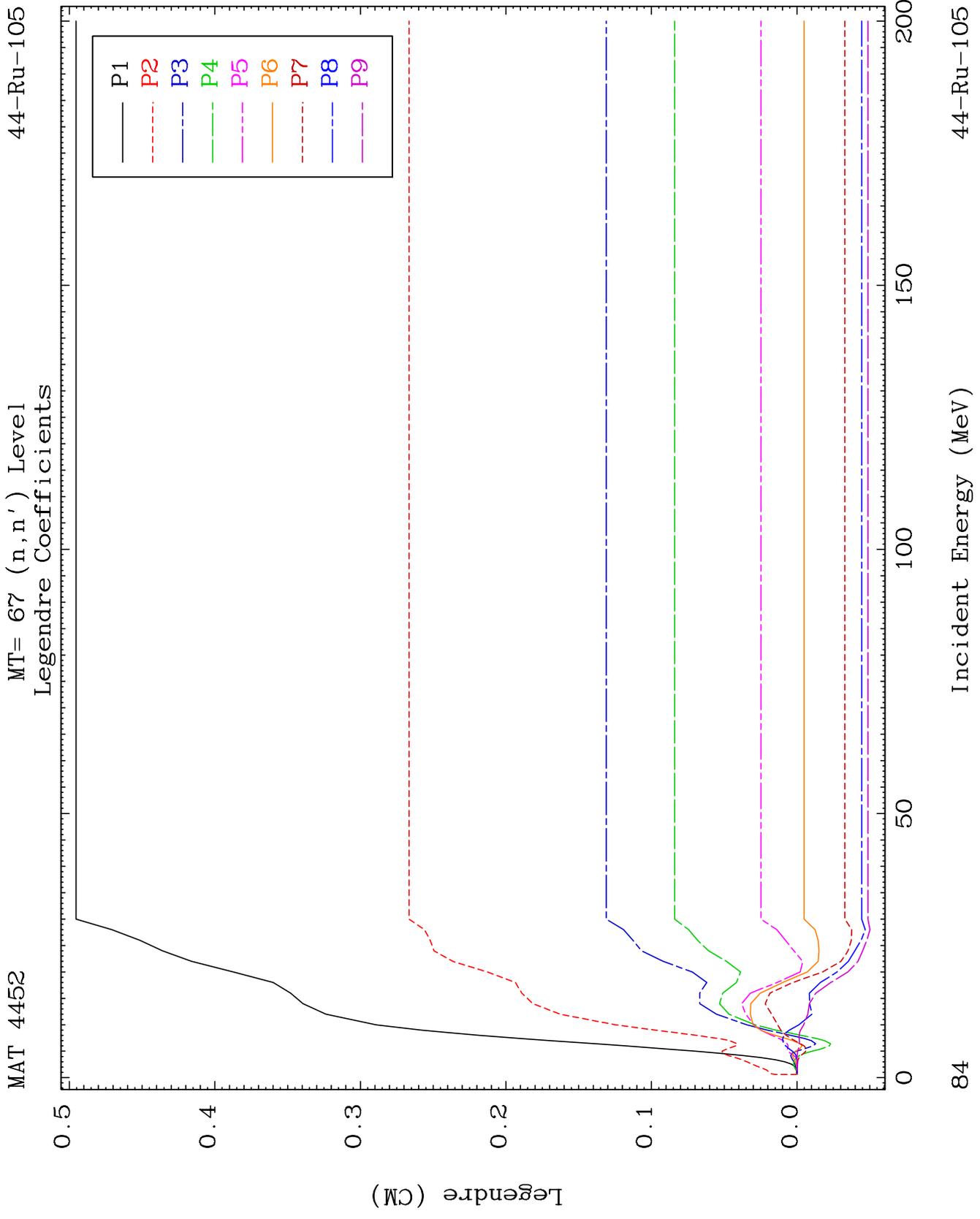
44-Ru-105



83

Incident Energy (MeV)

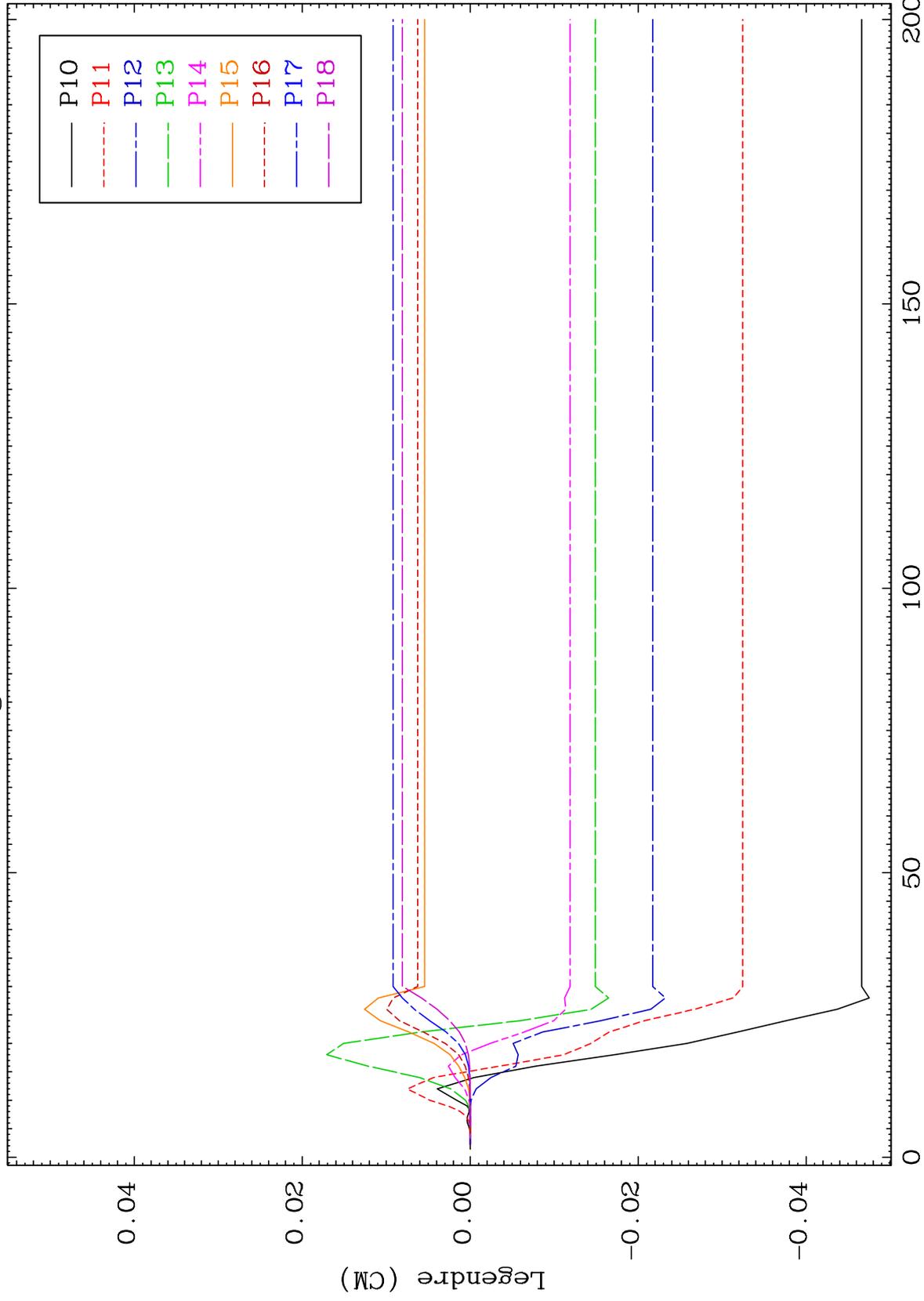
44-Ru-105



MAT 4452

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

44-Ru-105



85

Incident Energy (MeV)

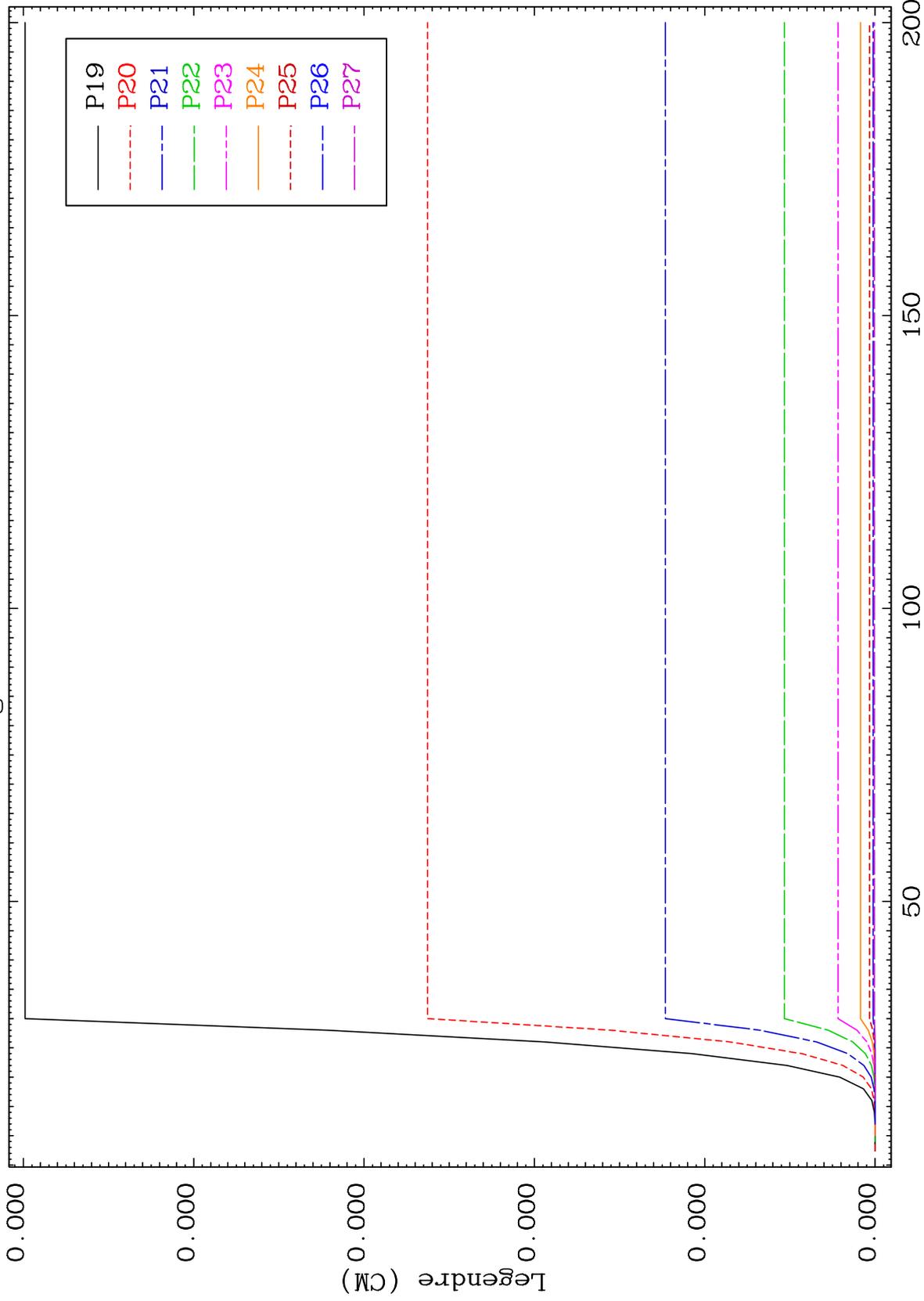
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MAT 4452

MT= 67 (n,n') Level

44-Ru-105

Legendre Coefficients



86

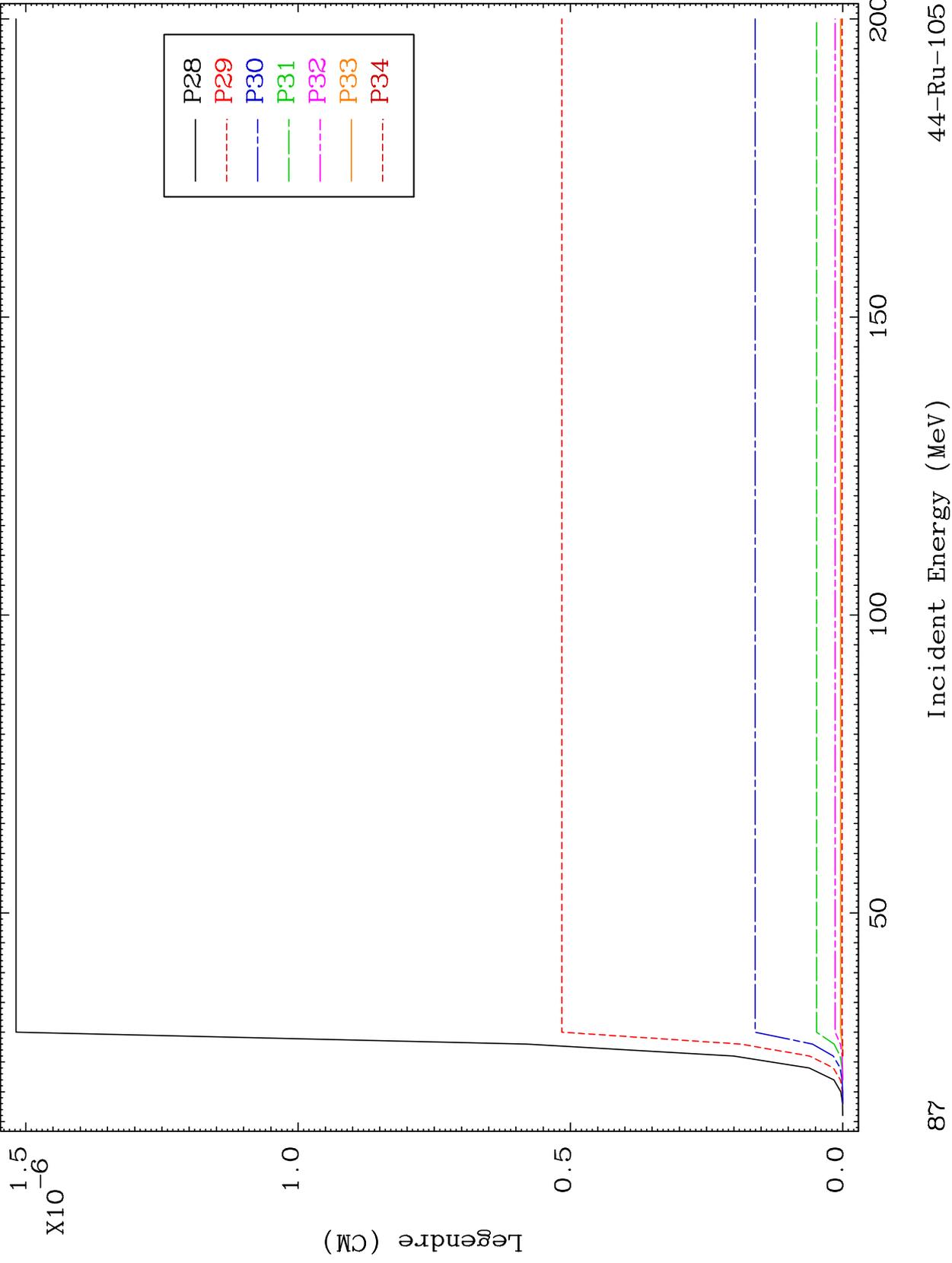
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

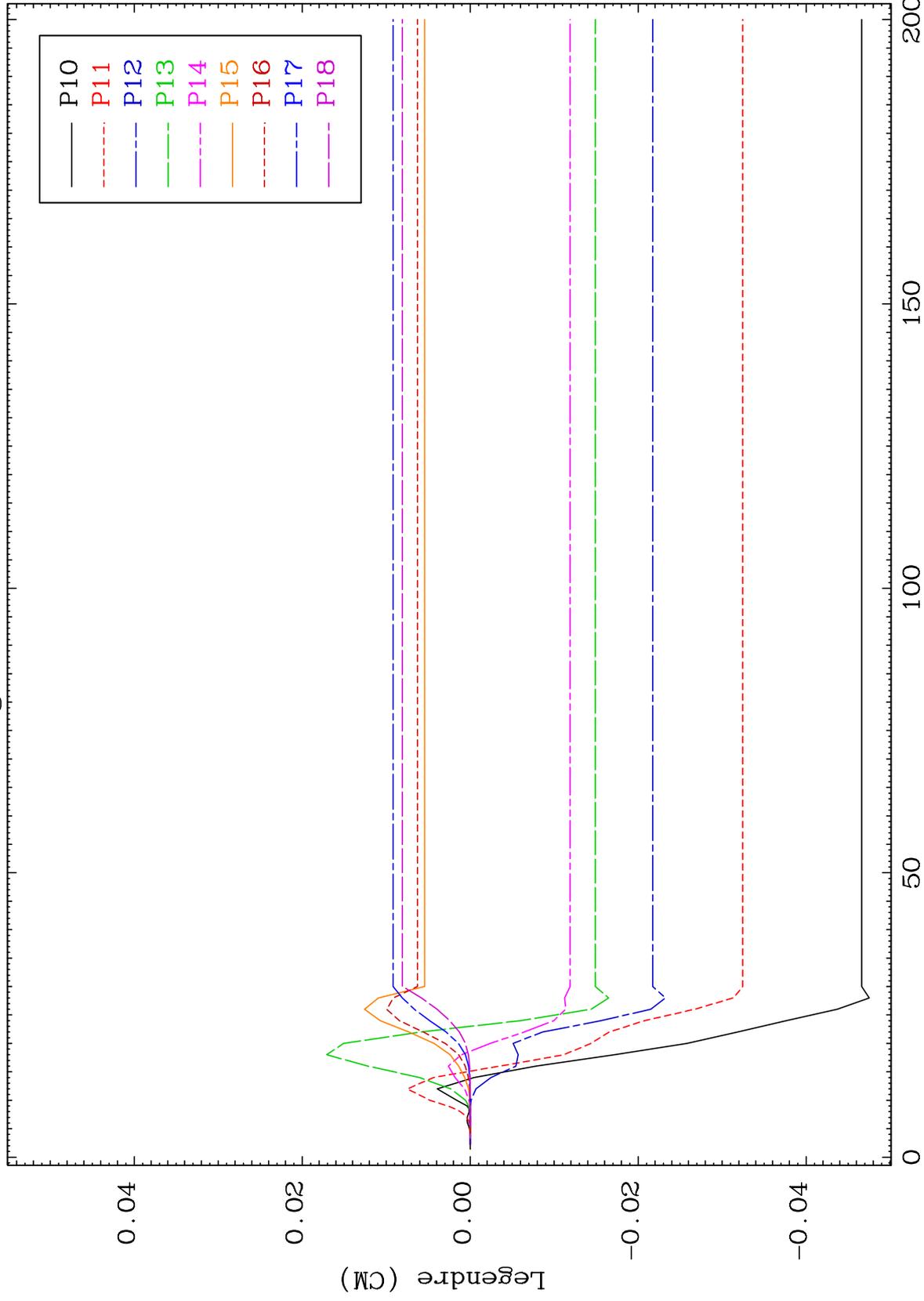
44-Ru-105



MAT 4452

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

44-Ru-105



89

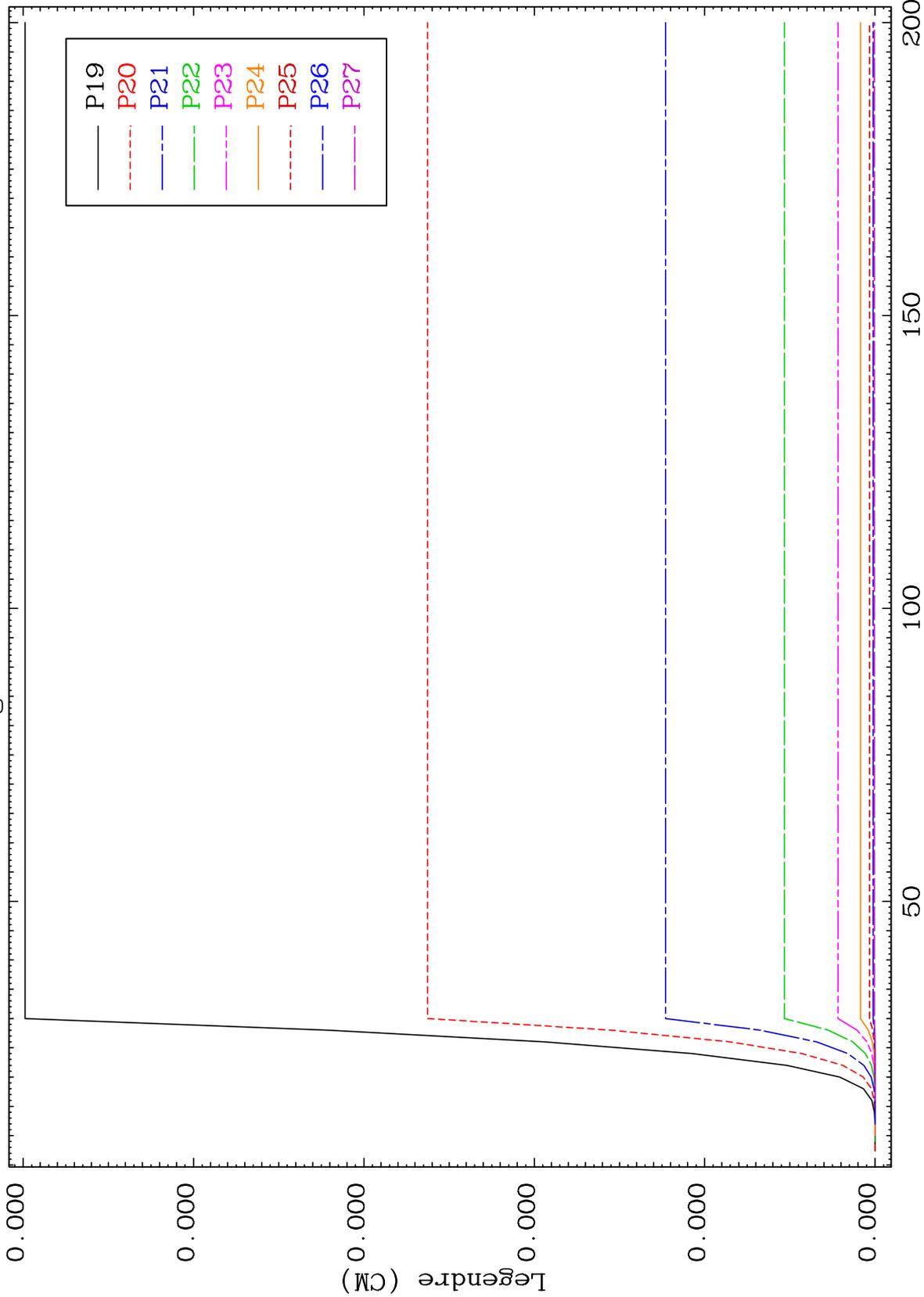
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



90

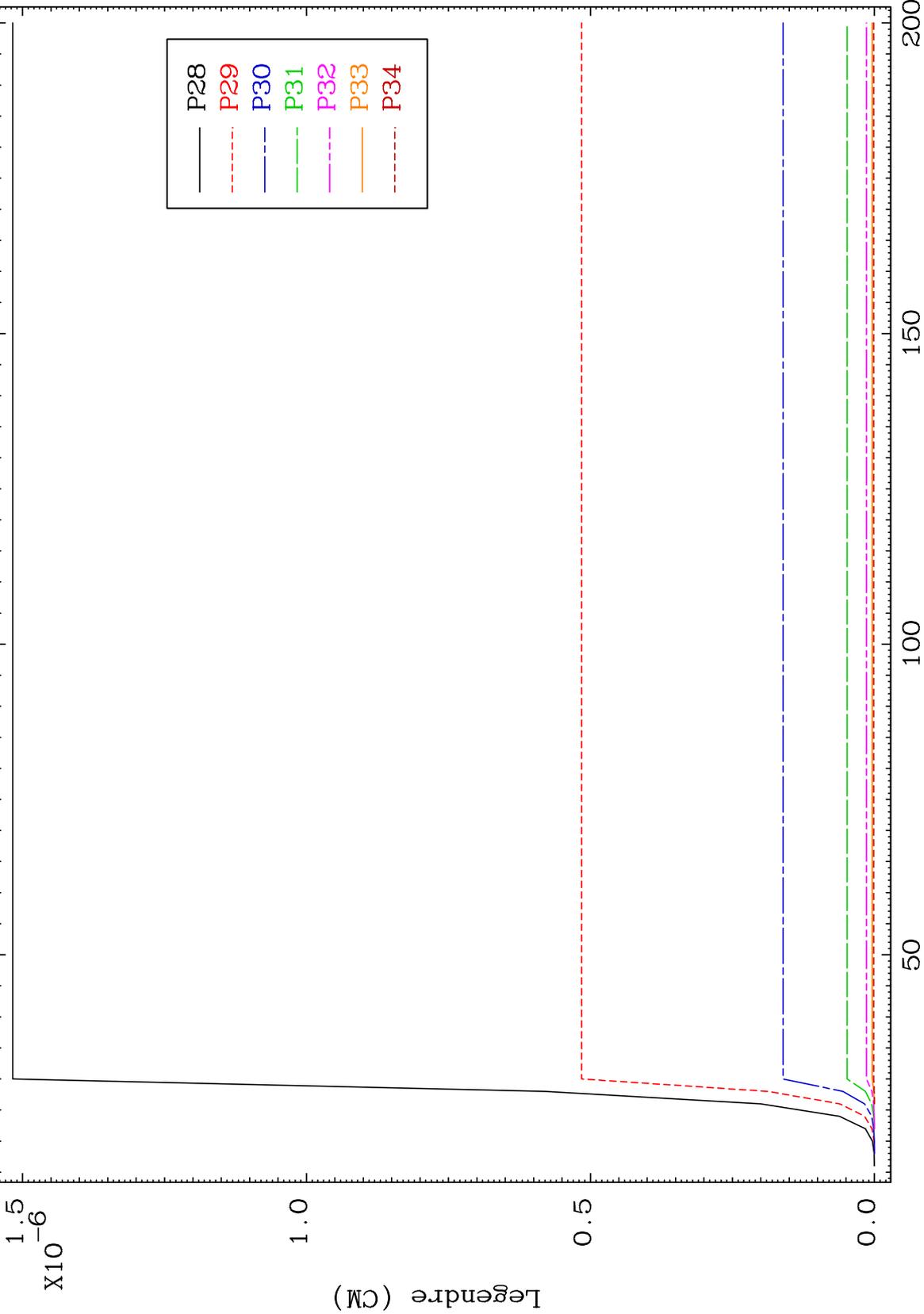
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



91

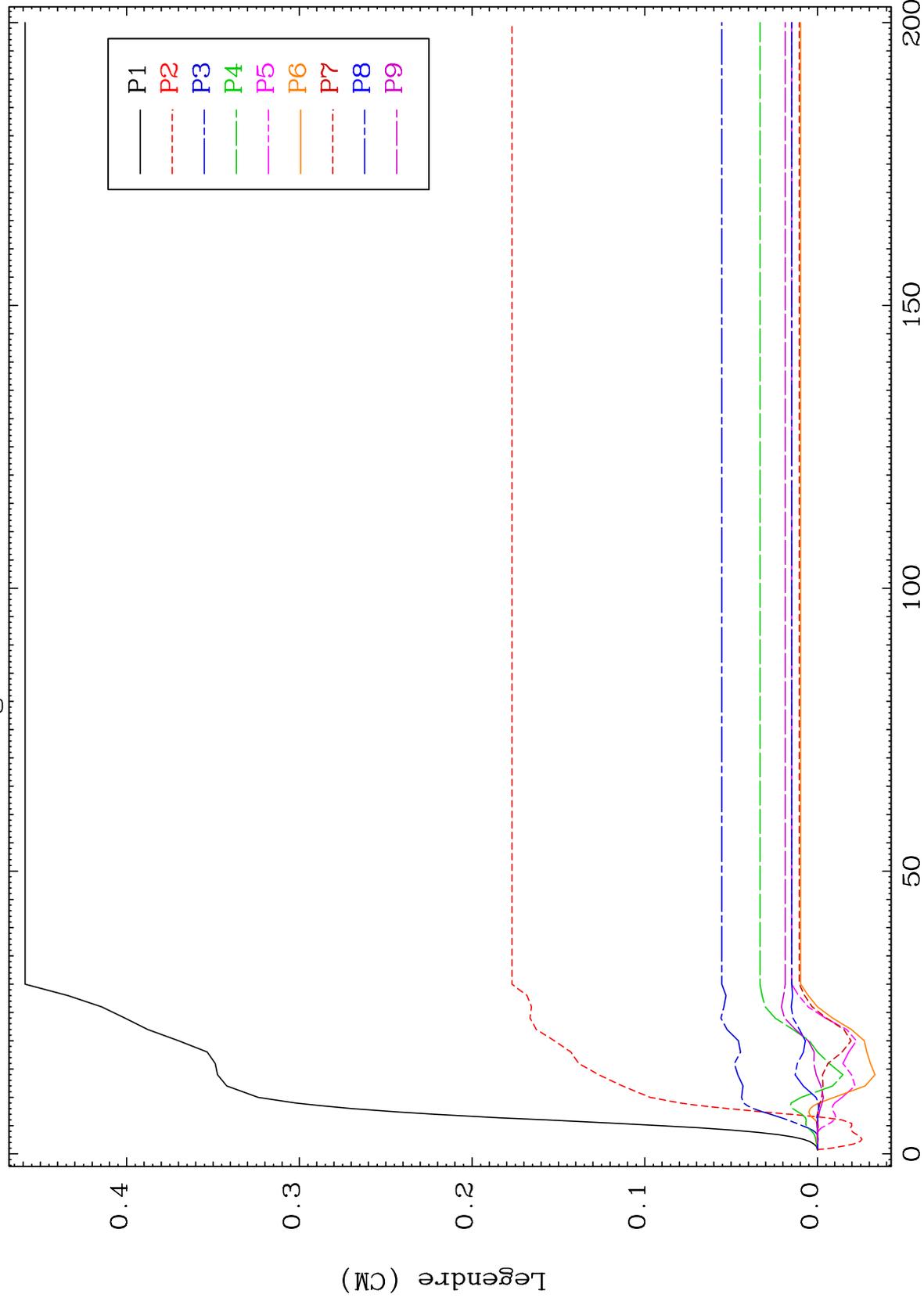
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



92

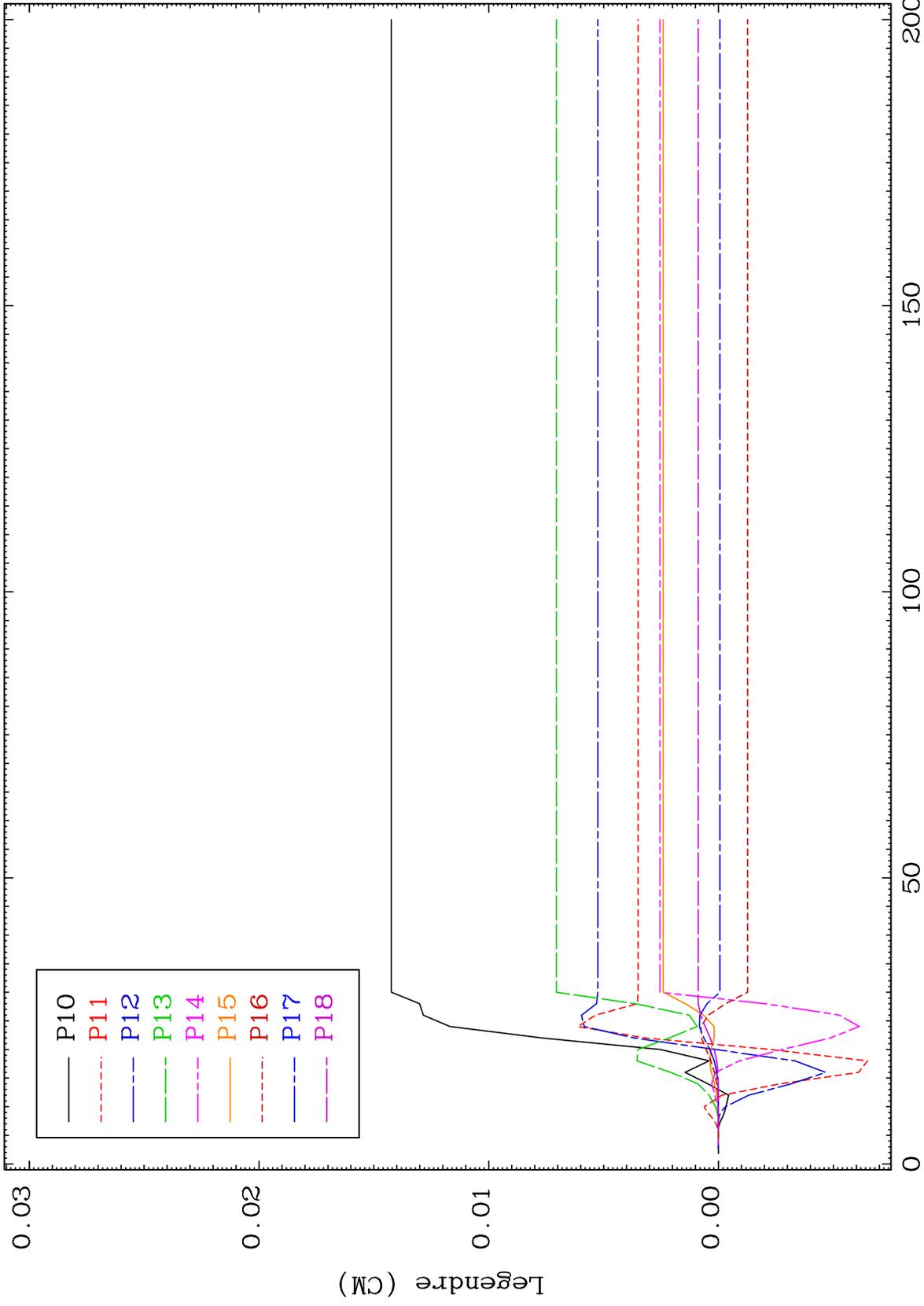
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



93

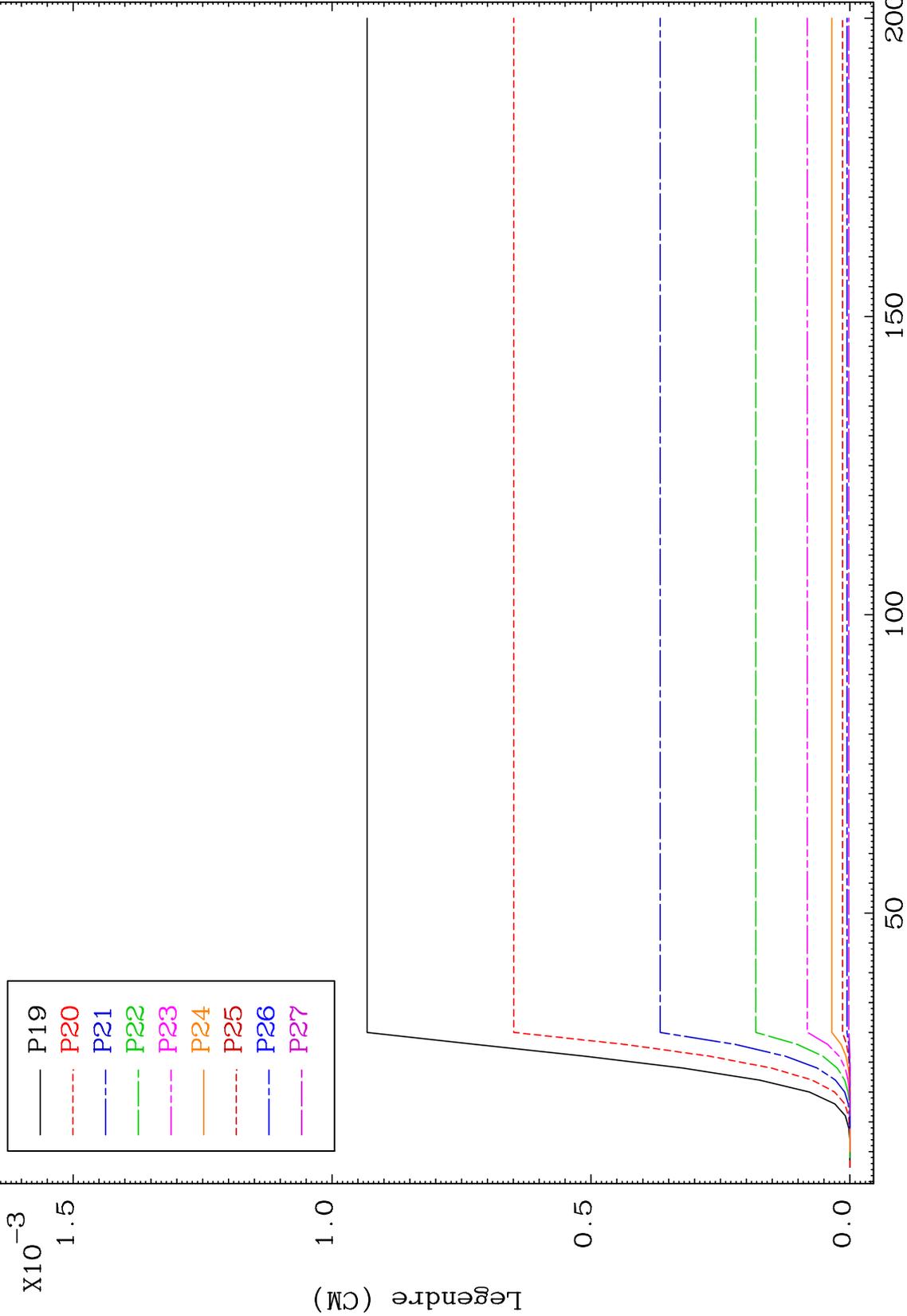
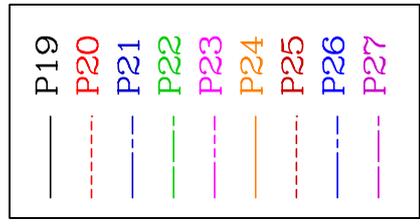
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



94

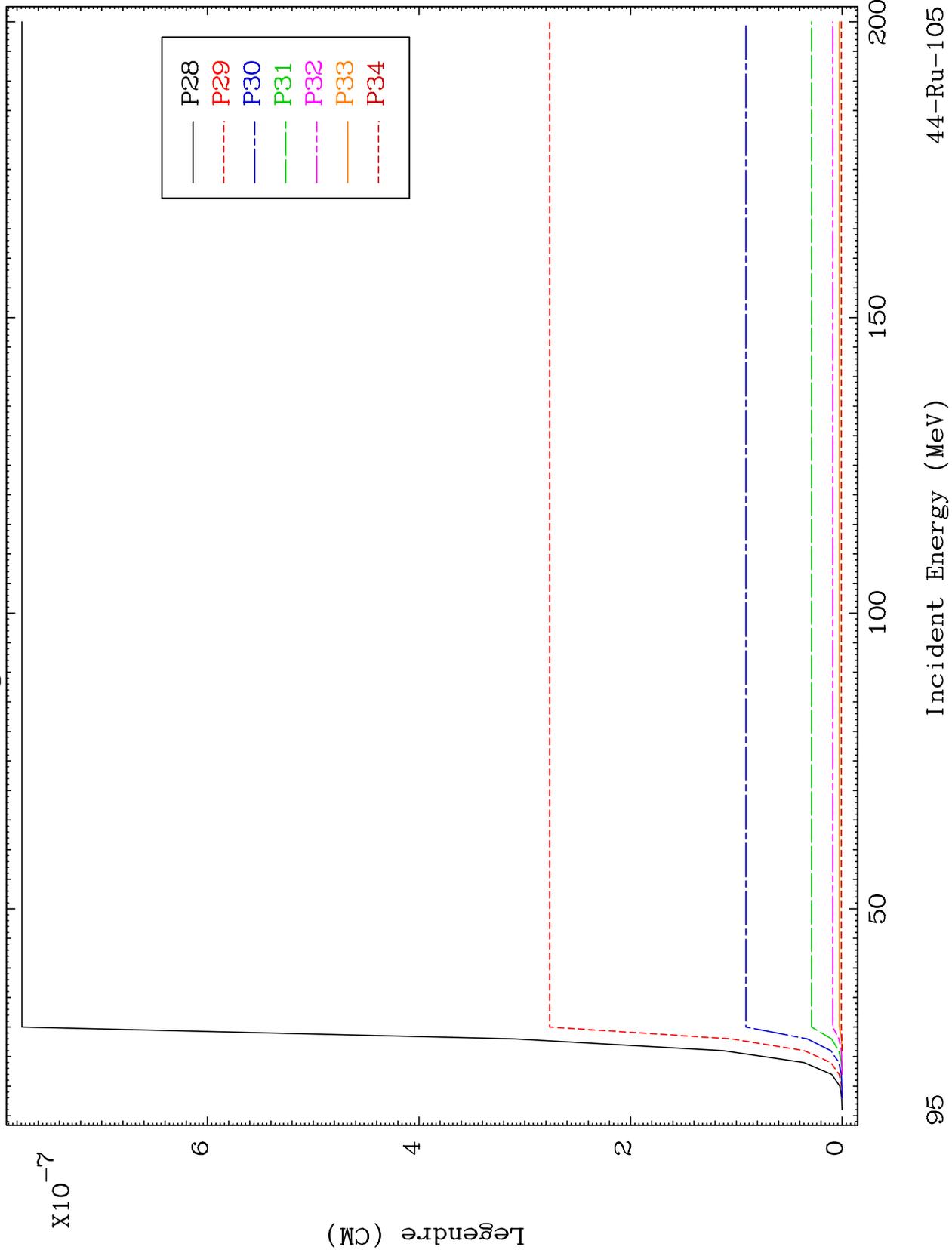
Incident Energy (MeV)

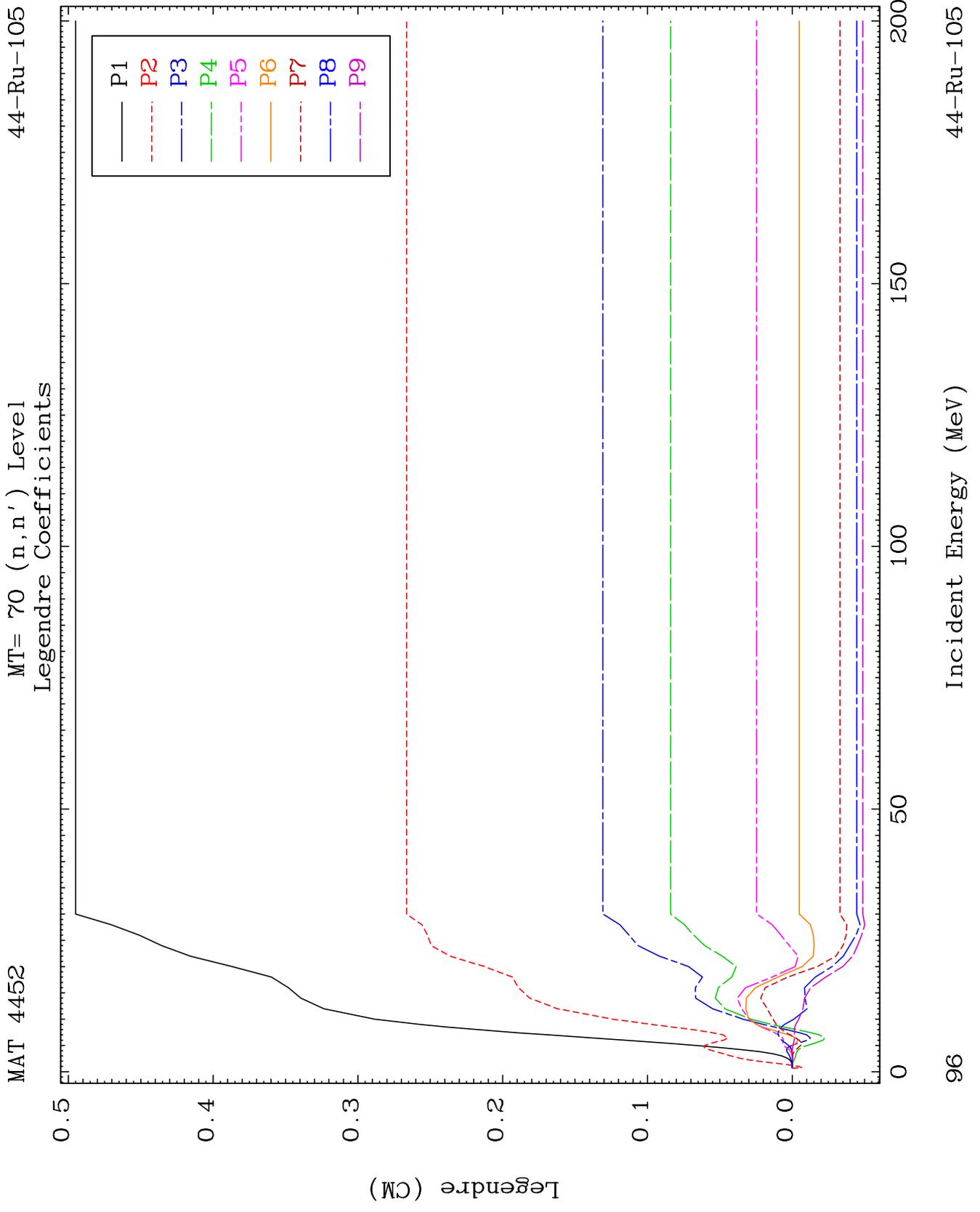
44-Ru-105

MAT 4452

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

44-Ru-105

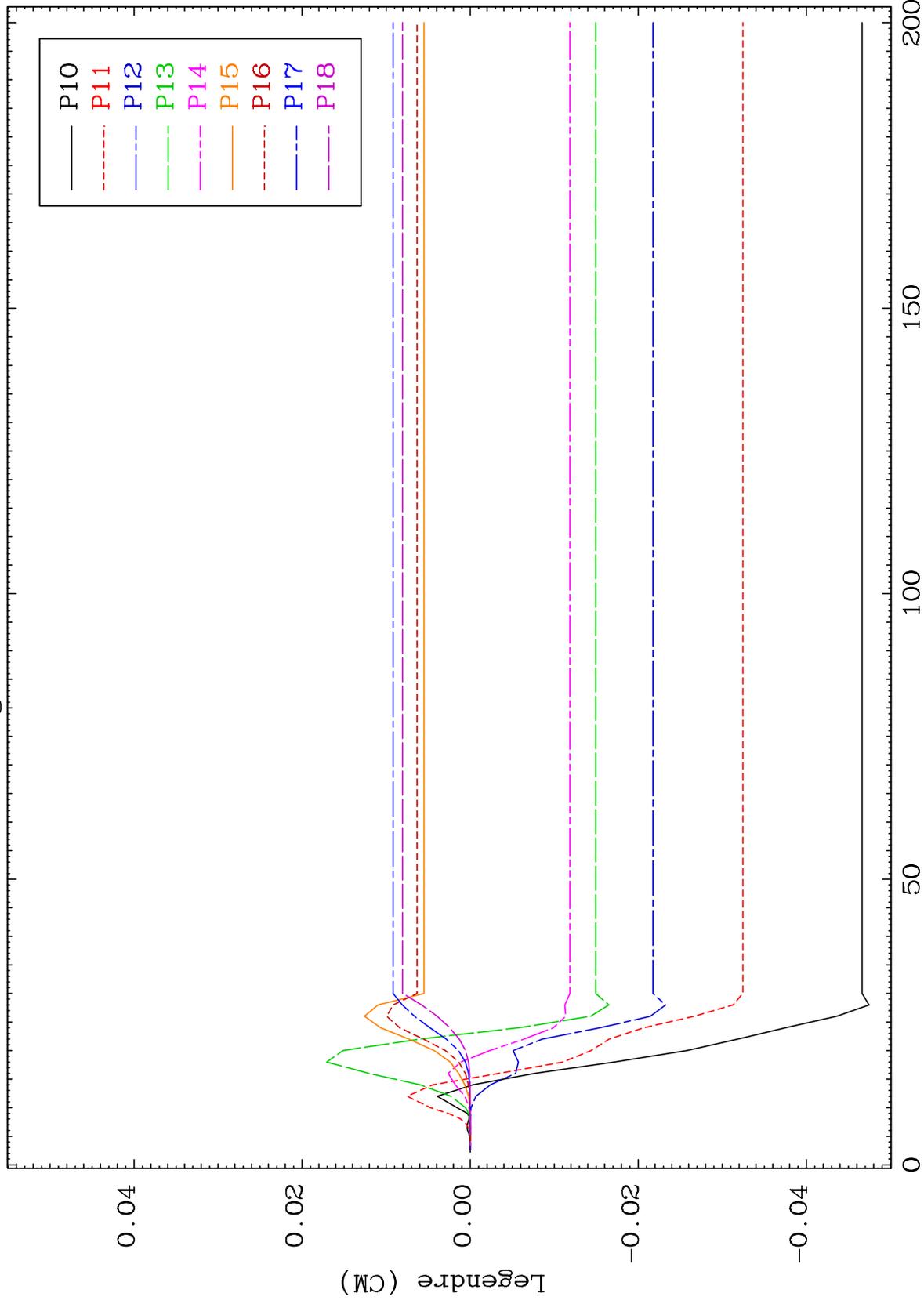




MAT 4452

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

44-Ru-105



97

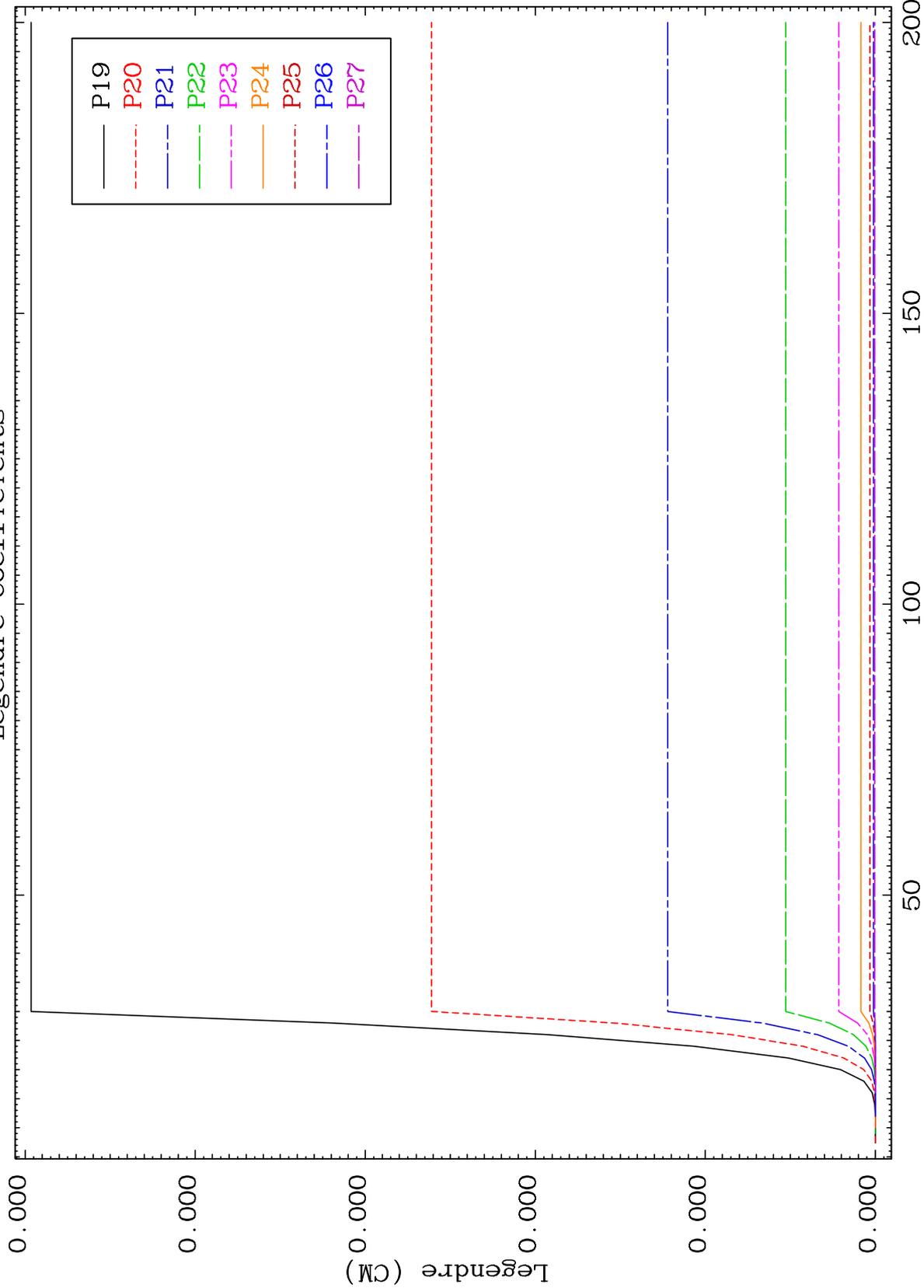
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



98

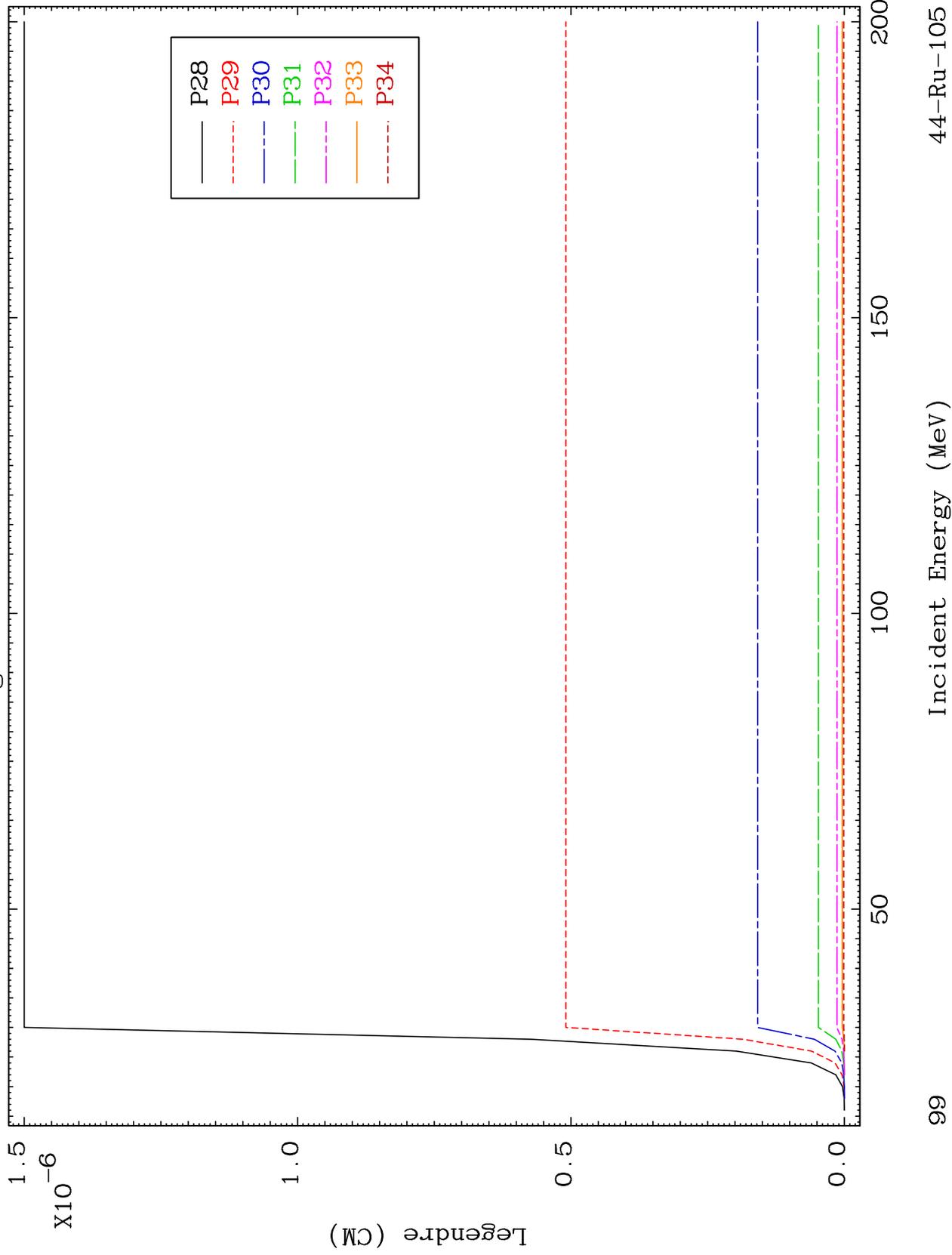
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

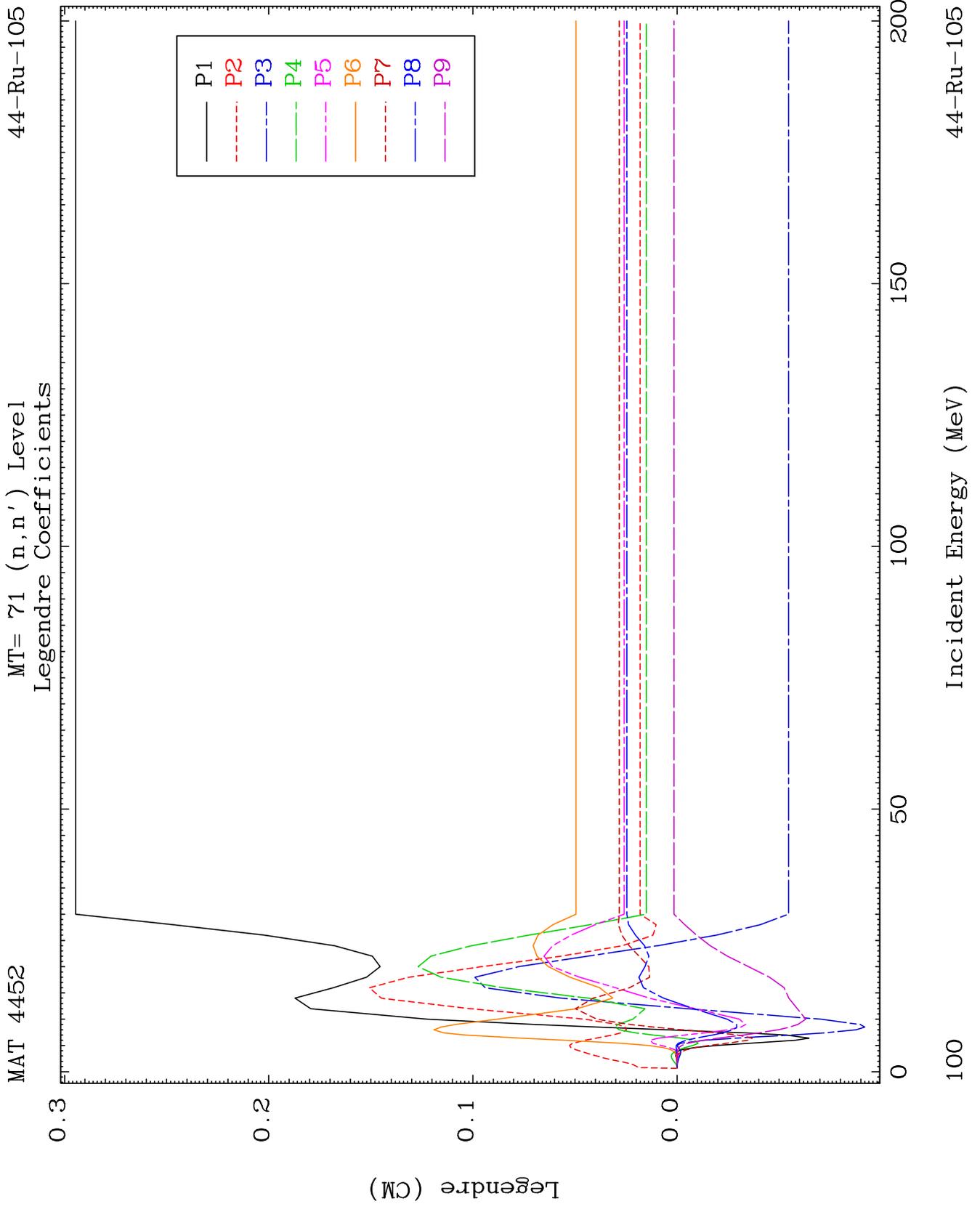
44-Ru-105



99

Incident Energy (MeV)

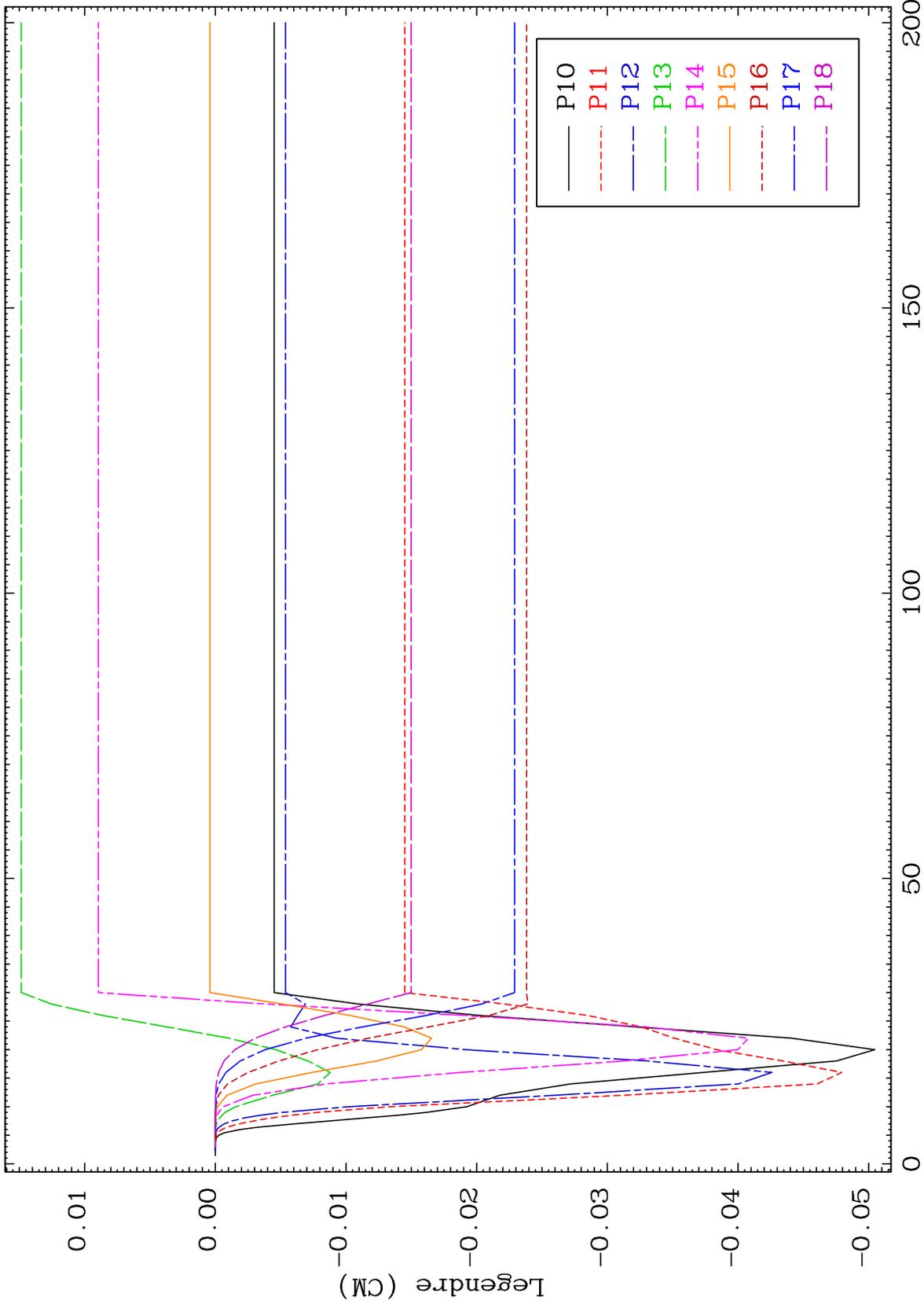
44-Ru-105



MAT 4452

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

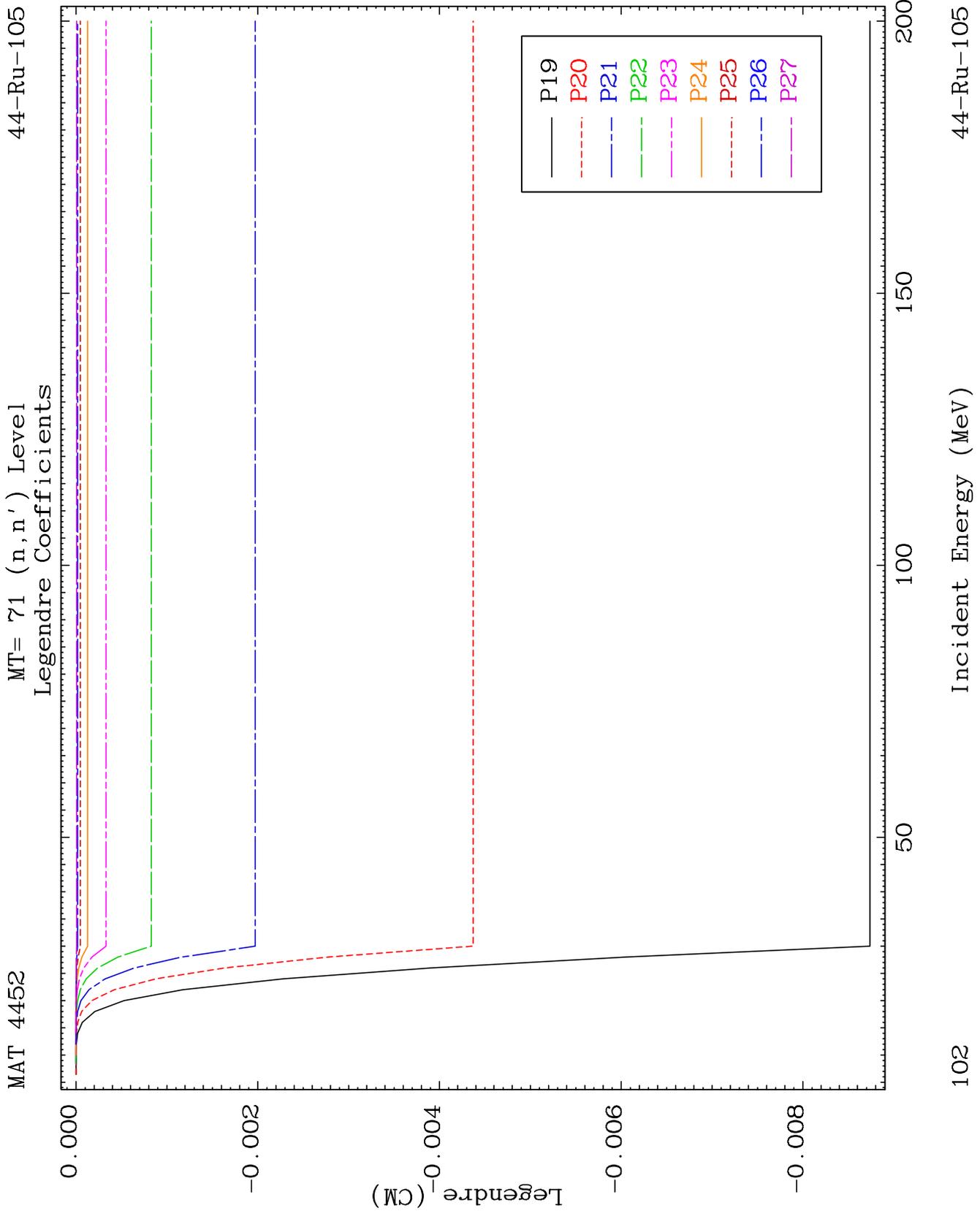
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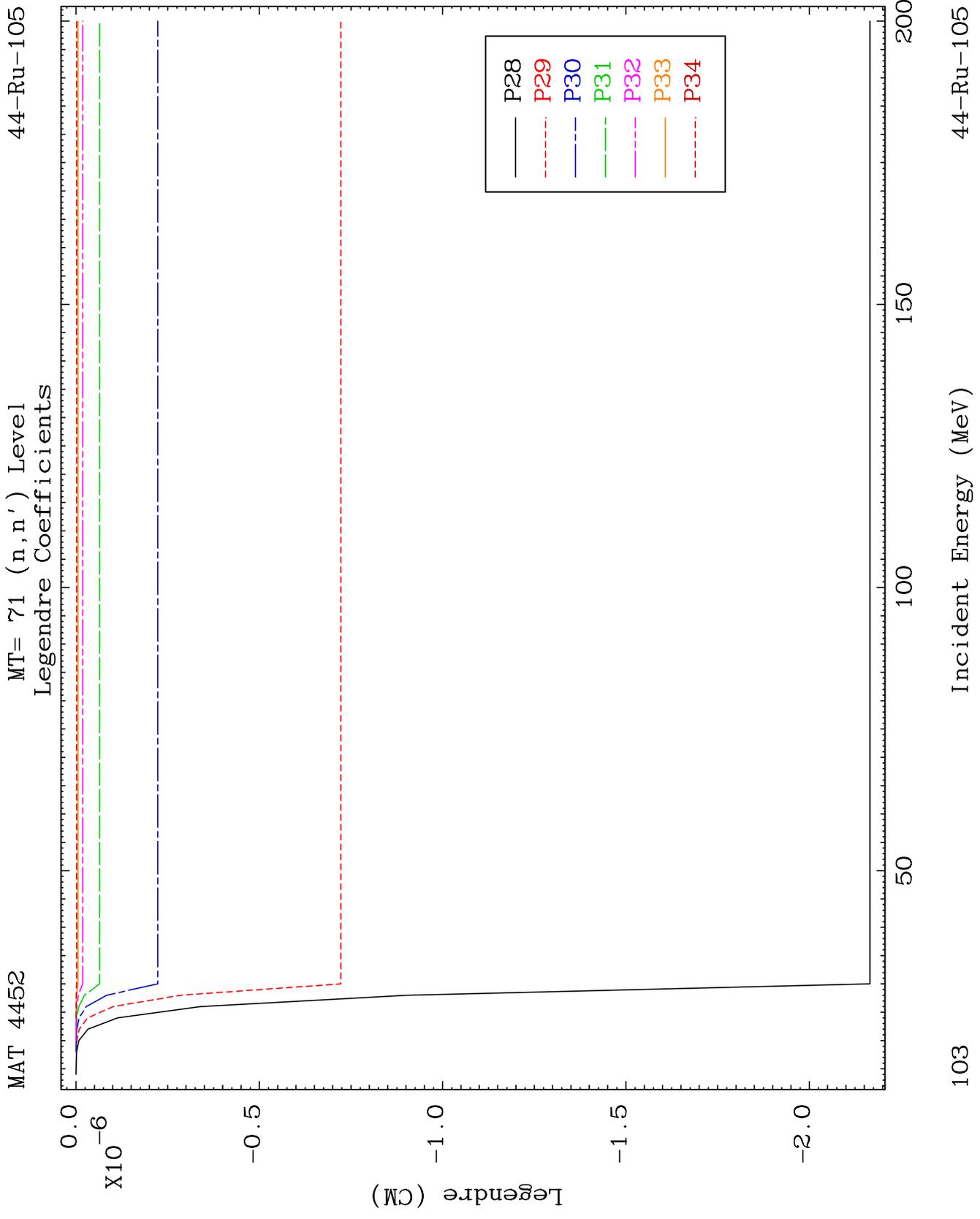


101

Incident Energy (MeV)

44-Ru-105

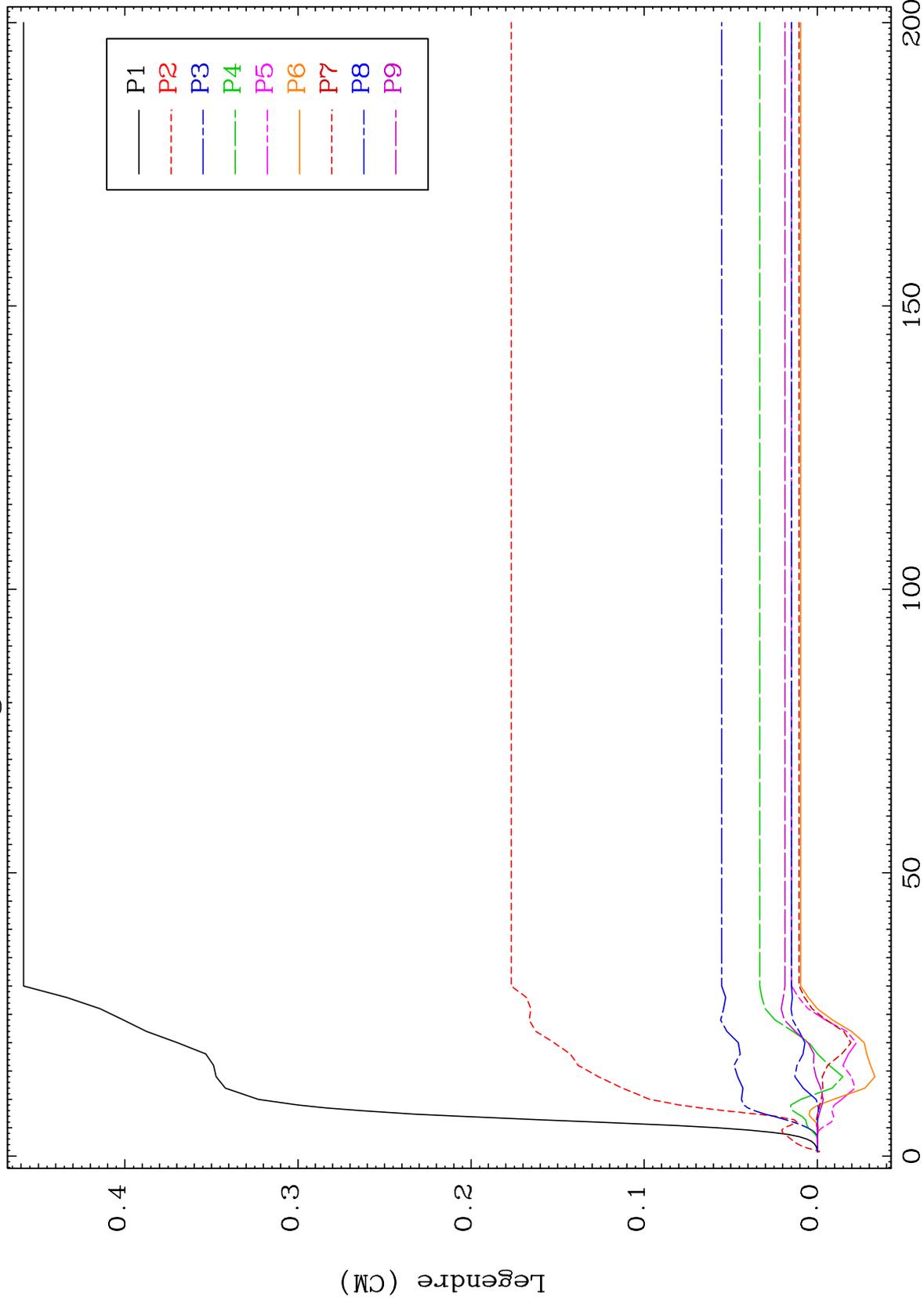




MAT 4452

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

44-Ru-105



44-Ru-105

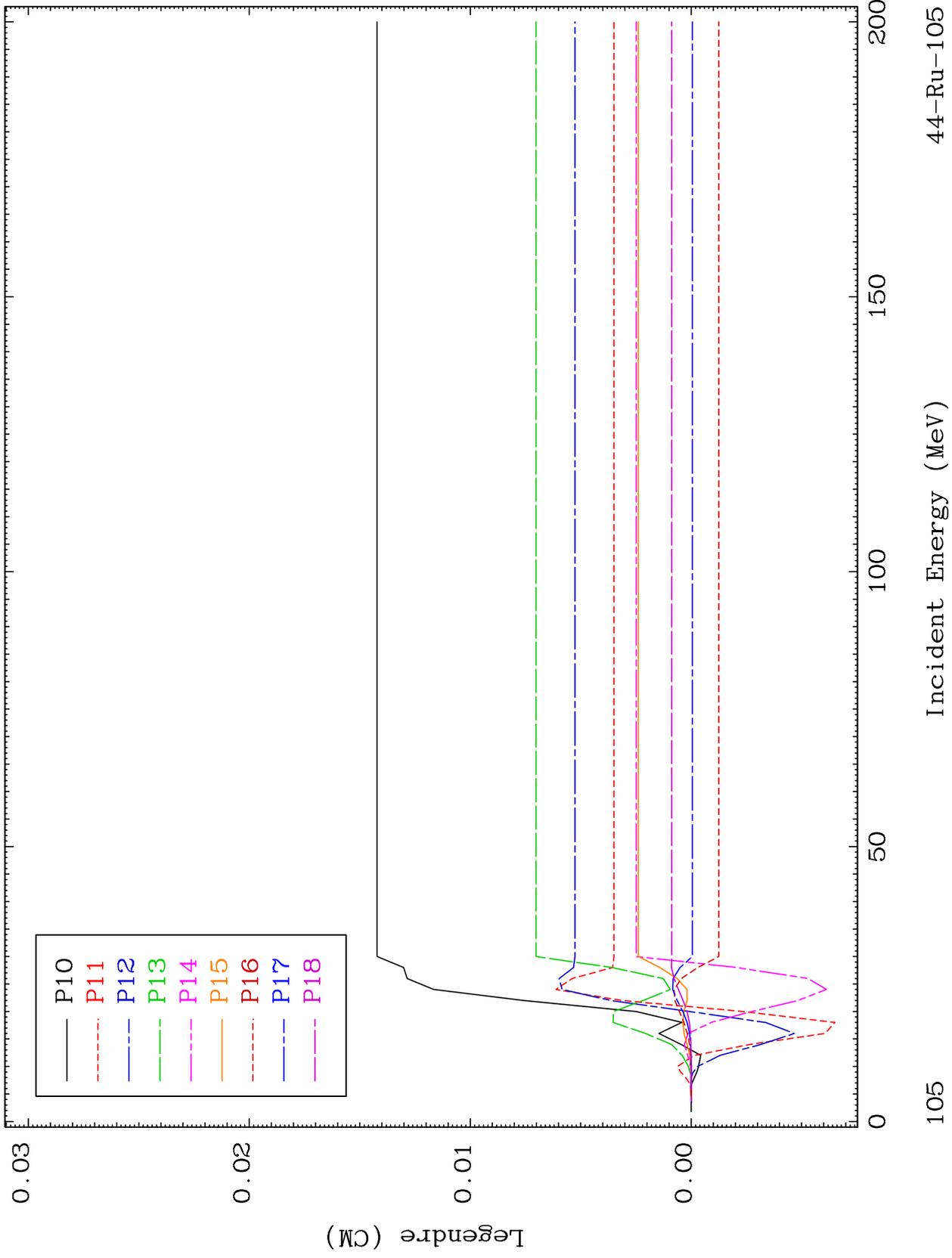
Incident Energy (MeV)

104

MAT 4452

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

44-Ru-105



44-Ru-105

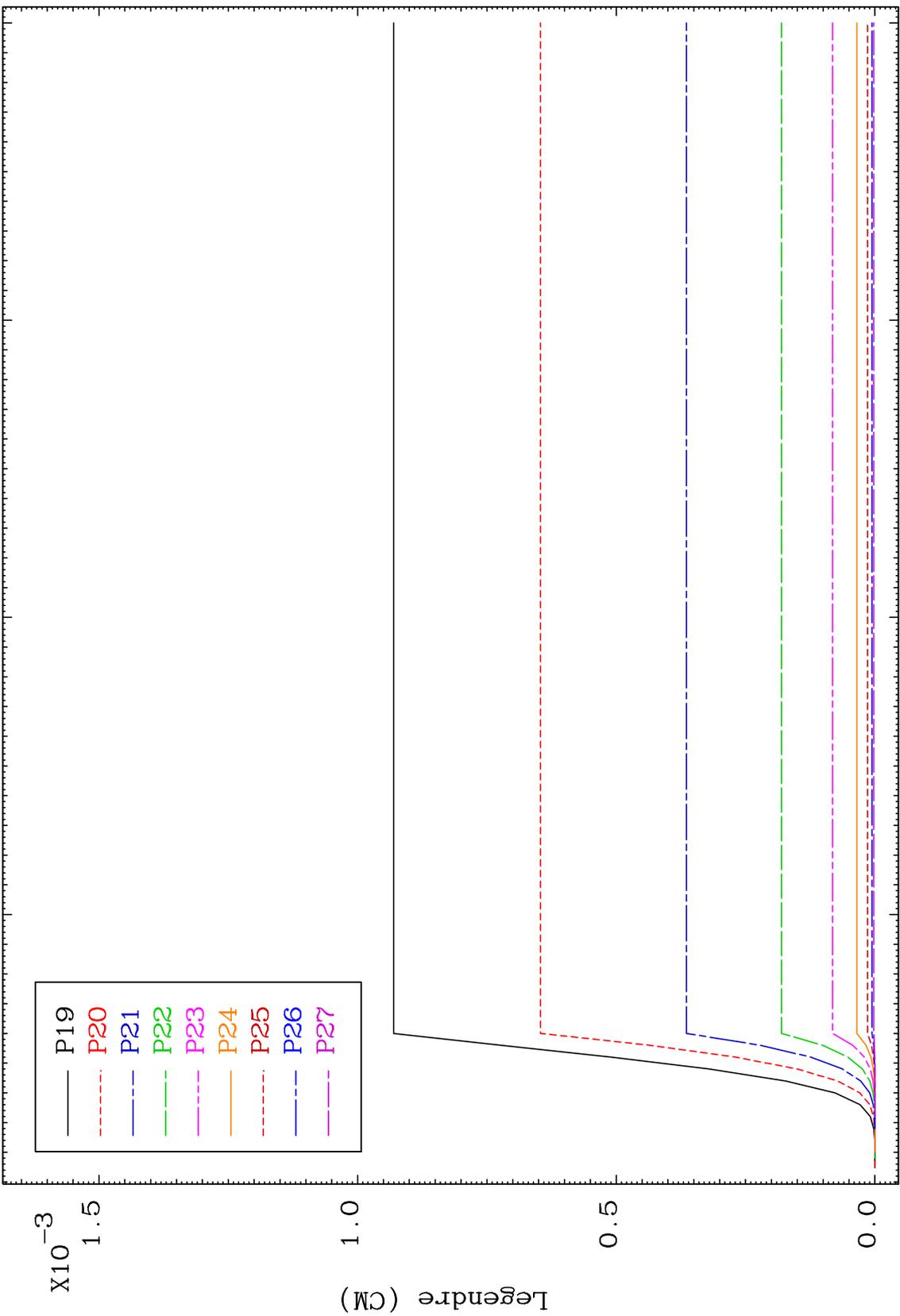
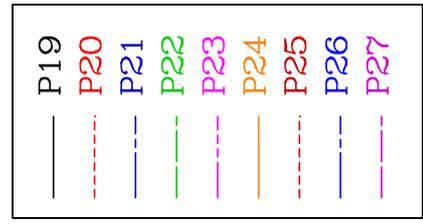
Incident Energy (MeV)

105

MAT 4452

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

44-Ru-105



106

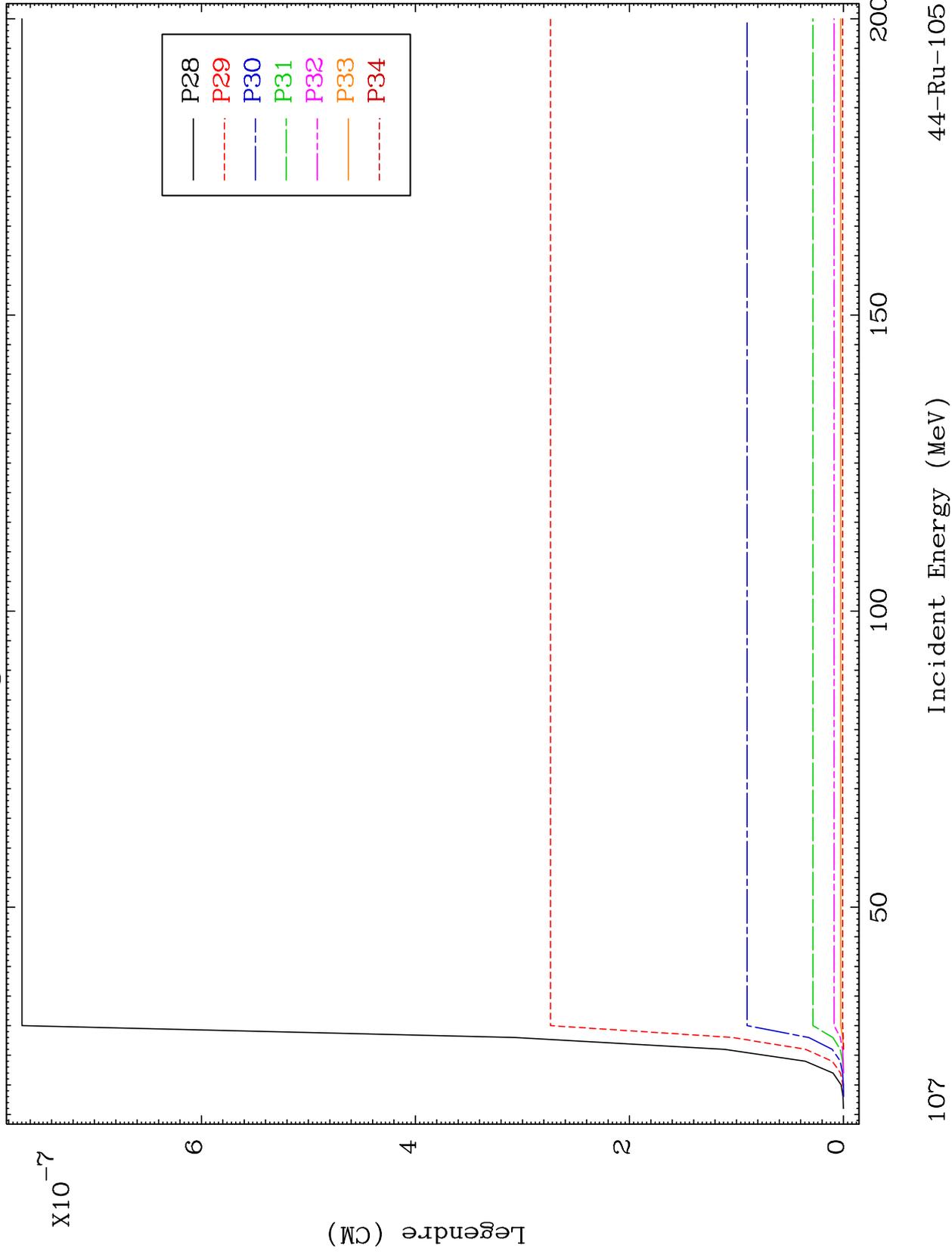
Incident Energy (MeV)

44-Ru-105

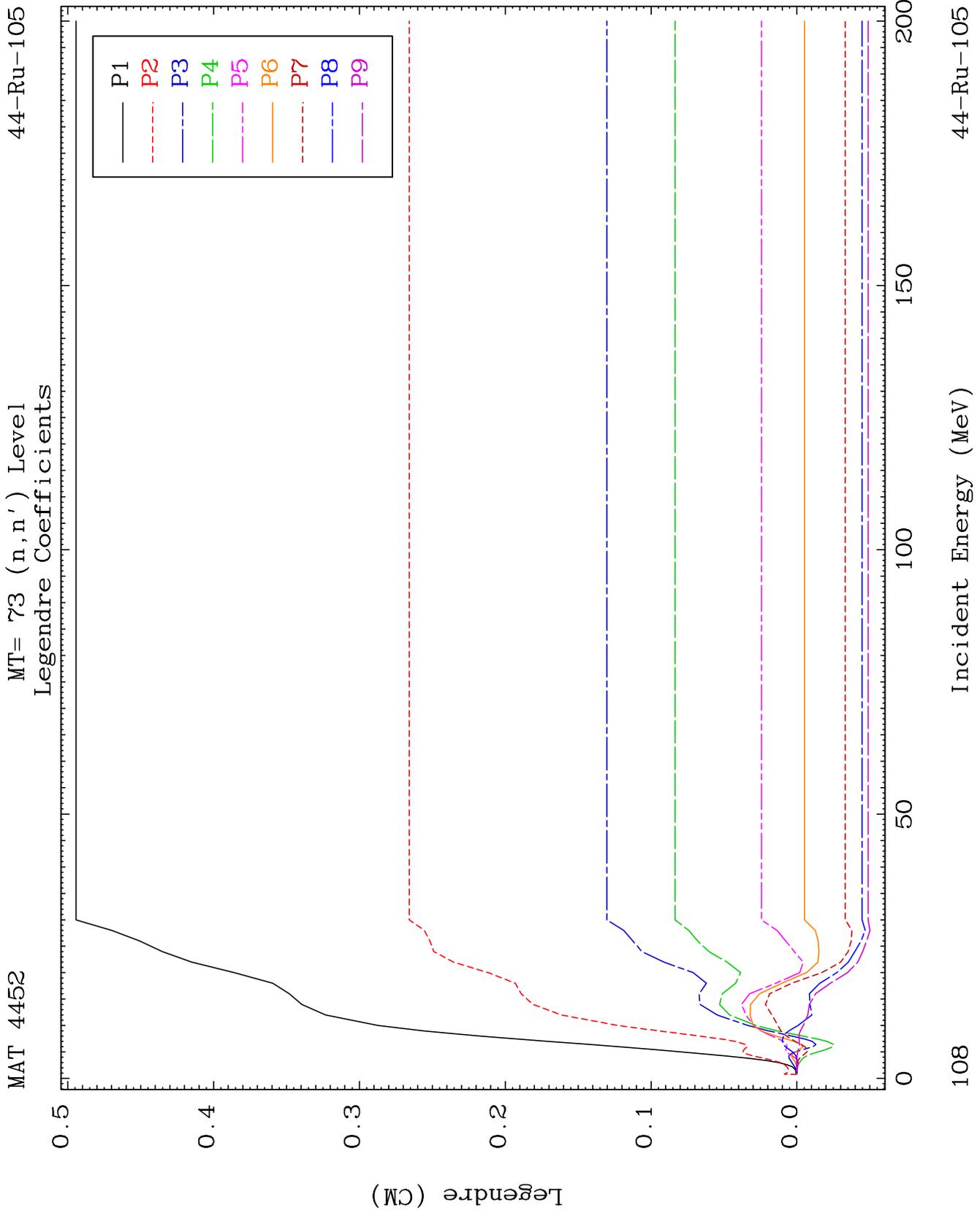
MAT 4452

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

44-Ru-105



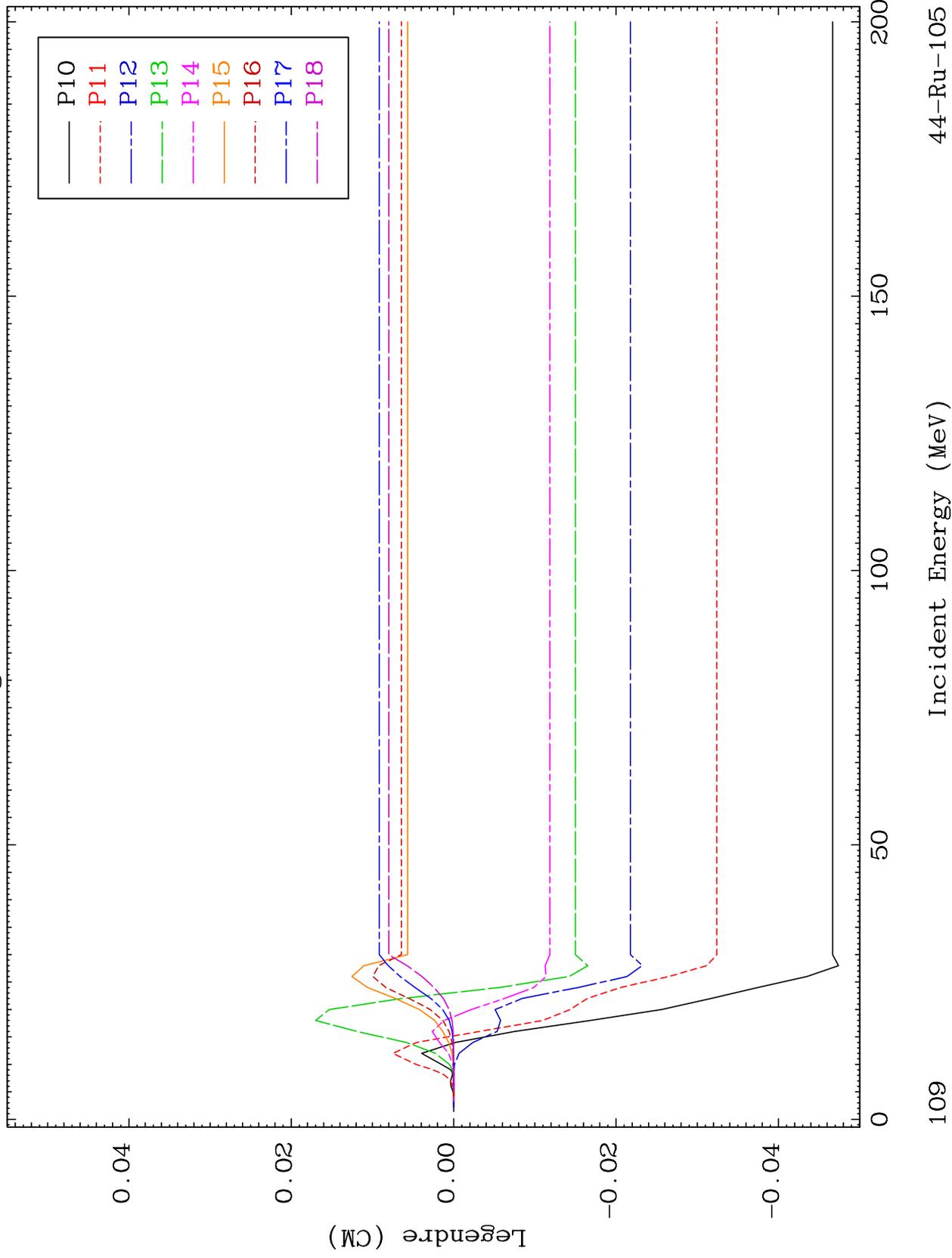
107



MAT 4452

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

44-Ru-105



109

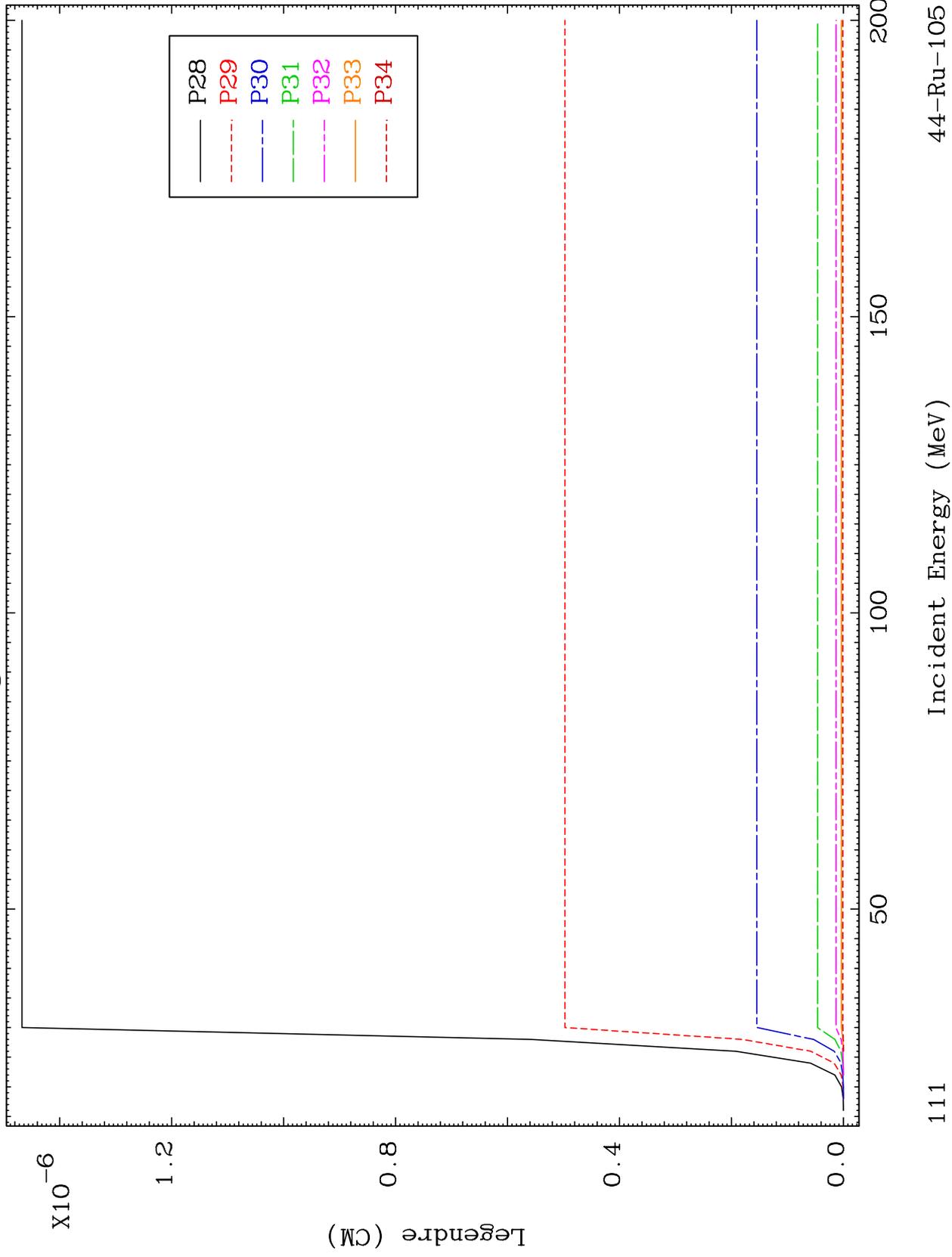
Incident Energy (MeV)

44-Ru-105

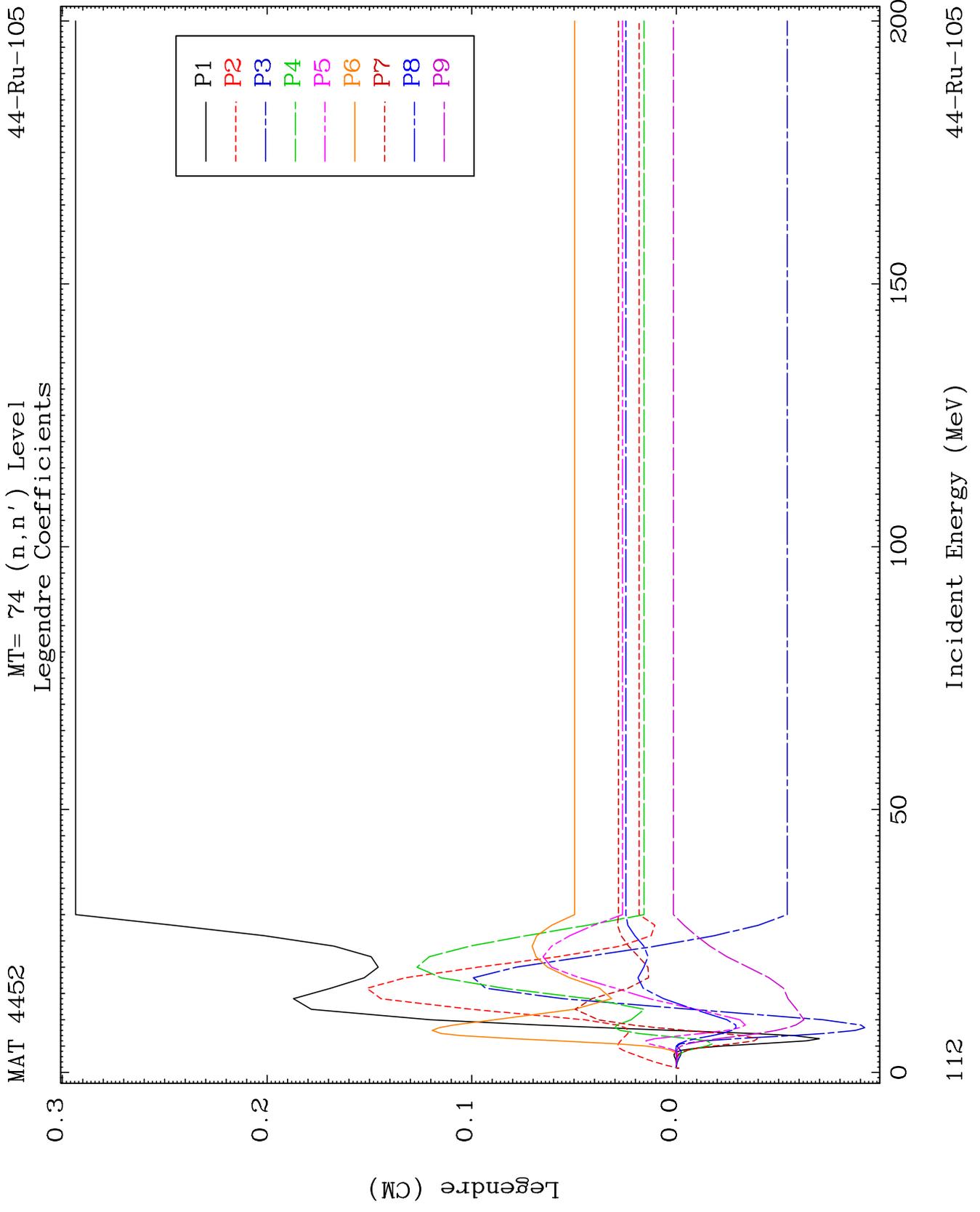
MAT 4452

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

44-Ru-105



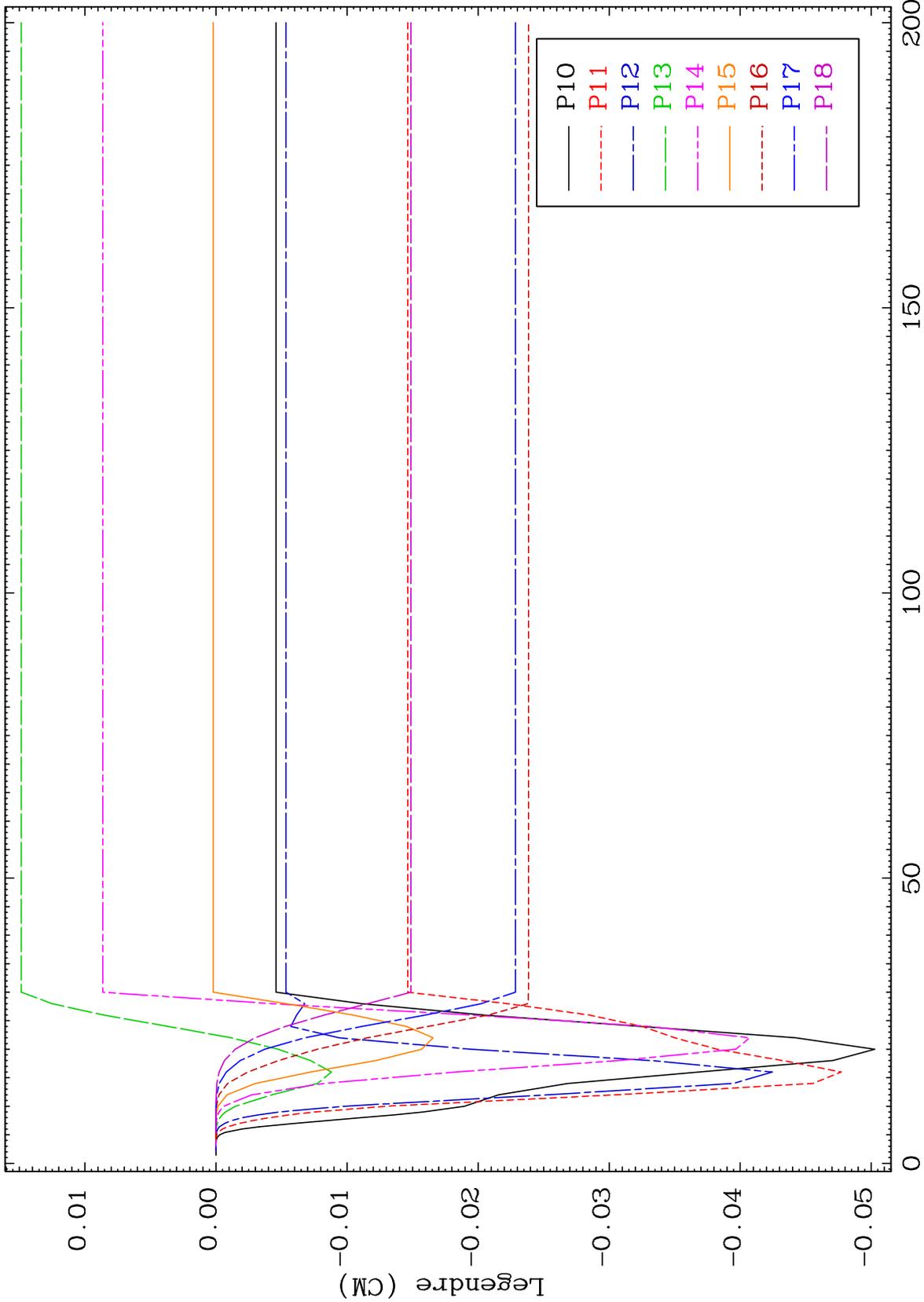
111



MAT 4452

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

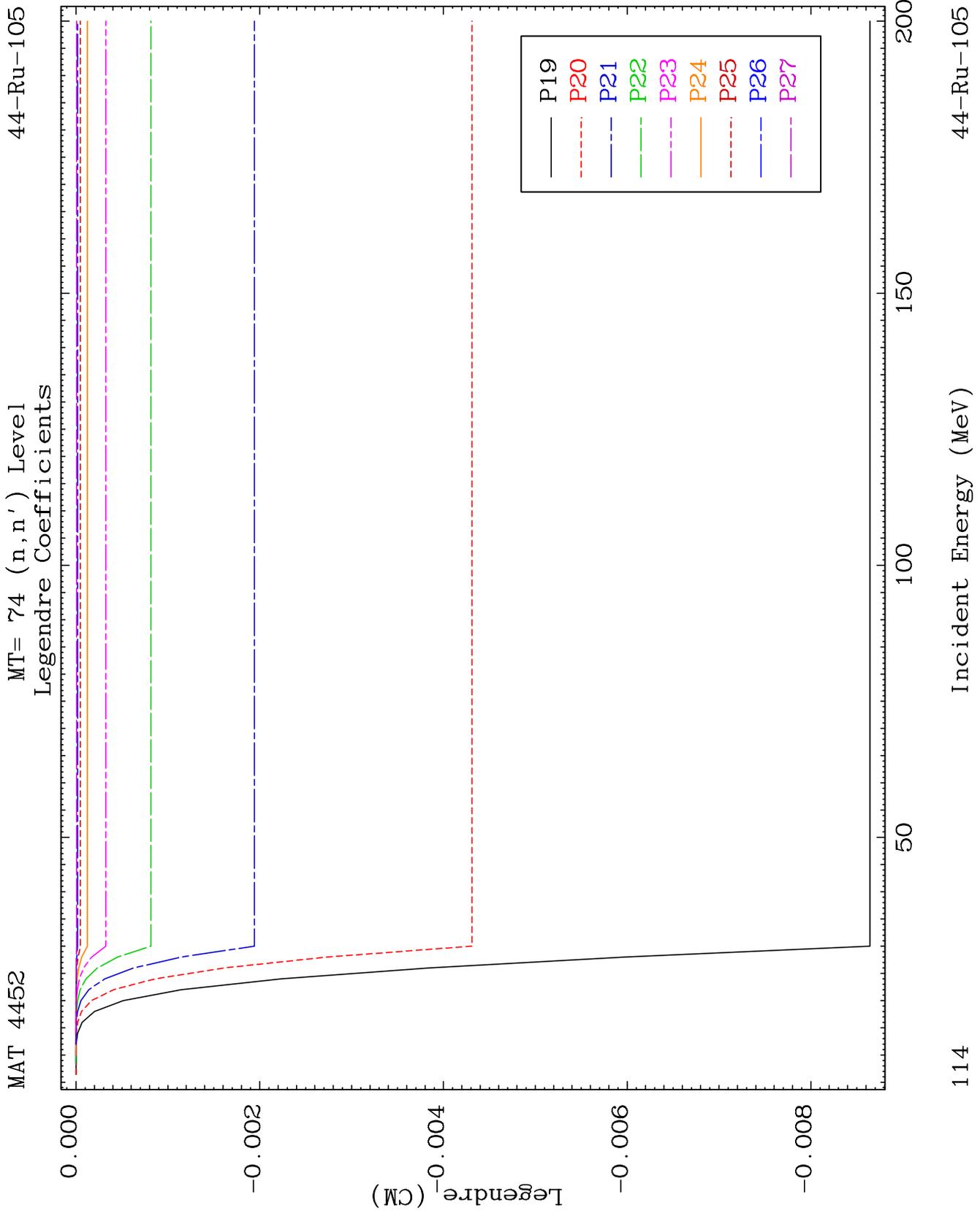
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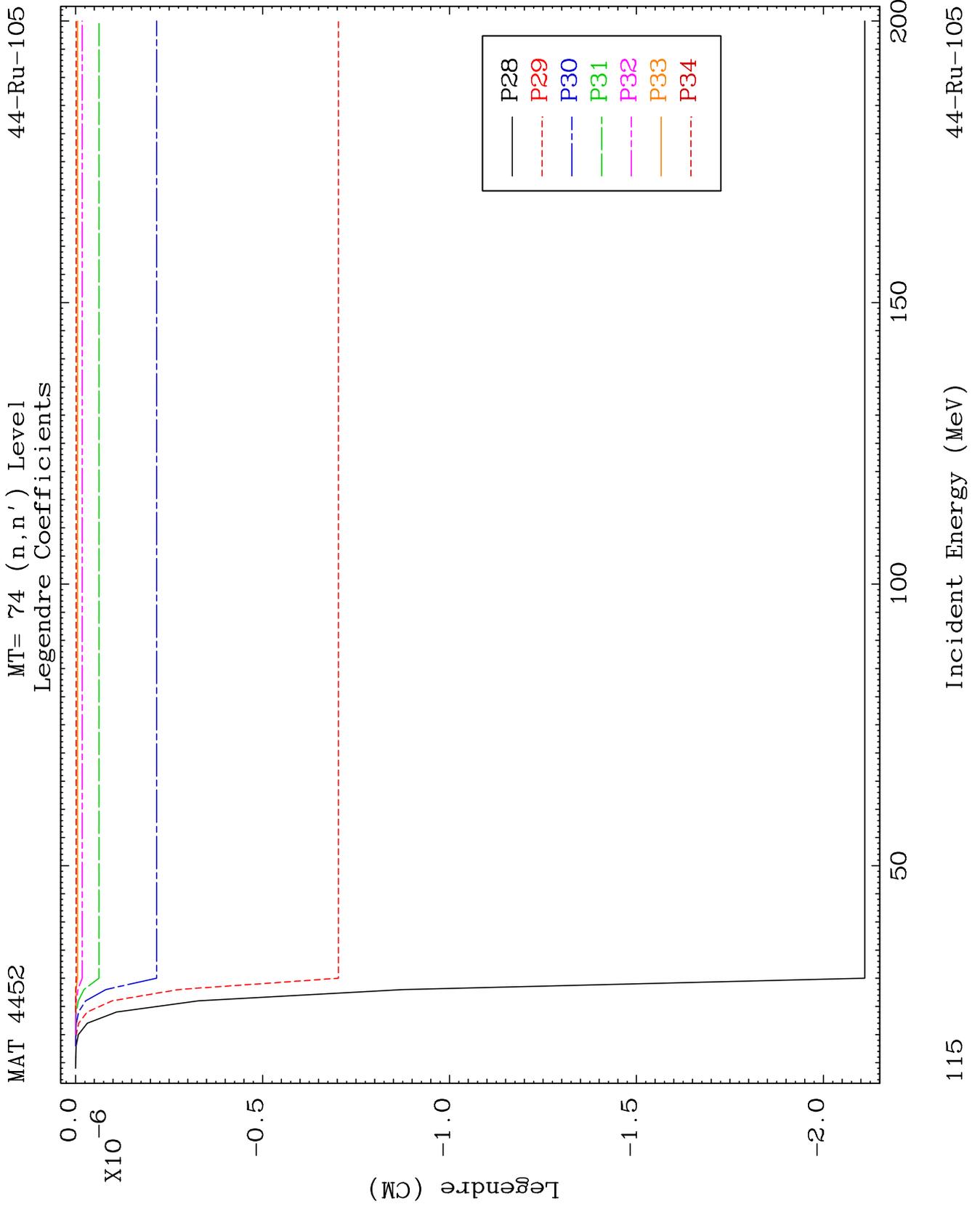


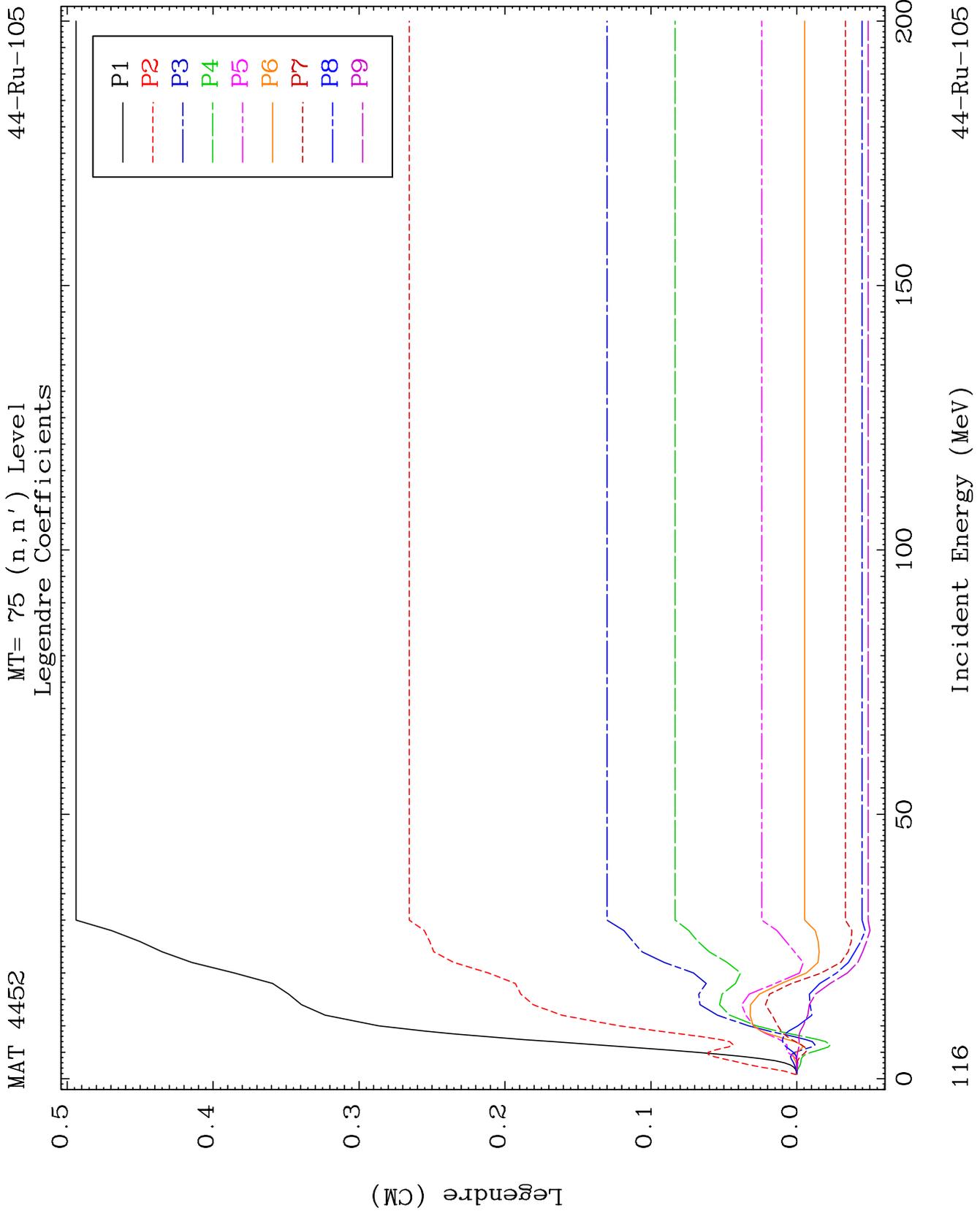
113

Incident Energy (MeV)

44-Ru-105



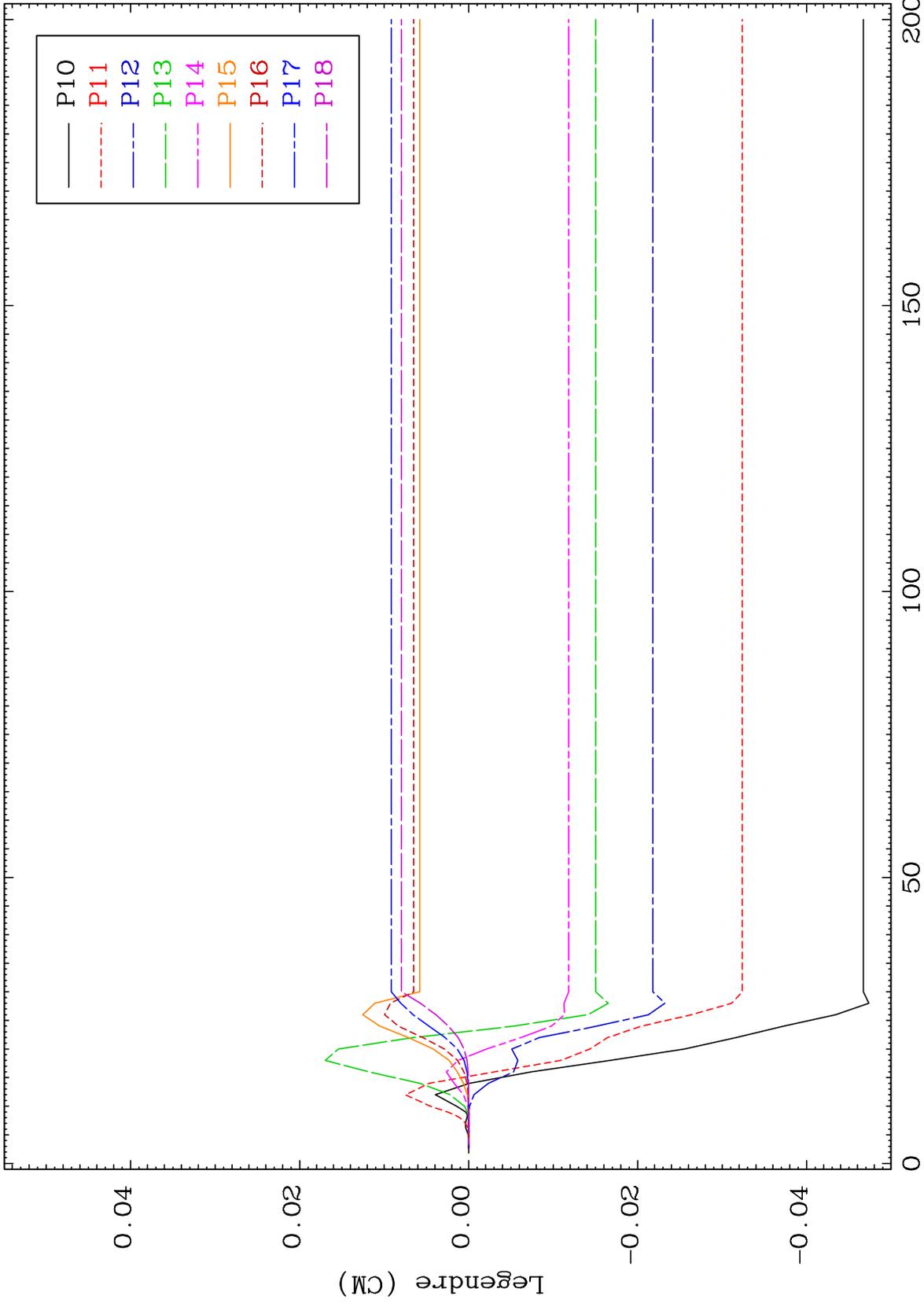




MAT 4452

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

44-Ru-105



117

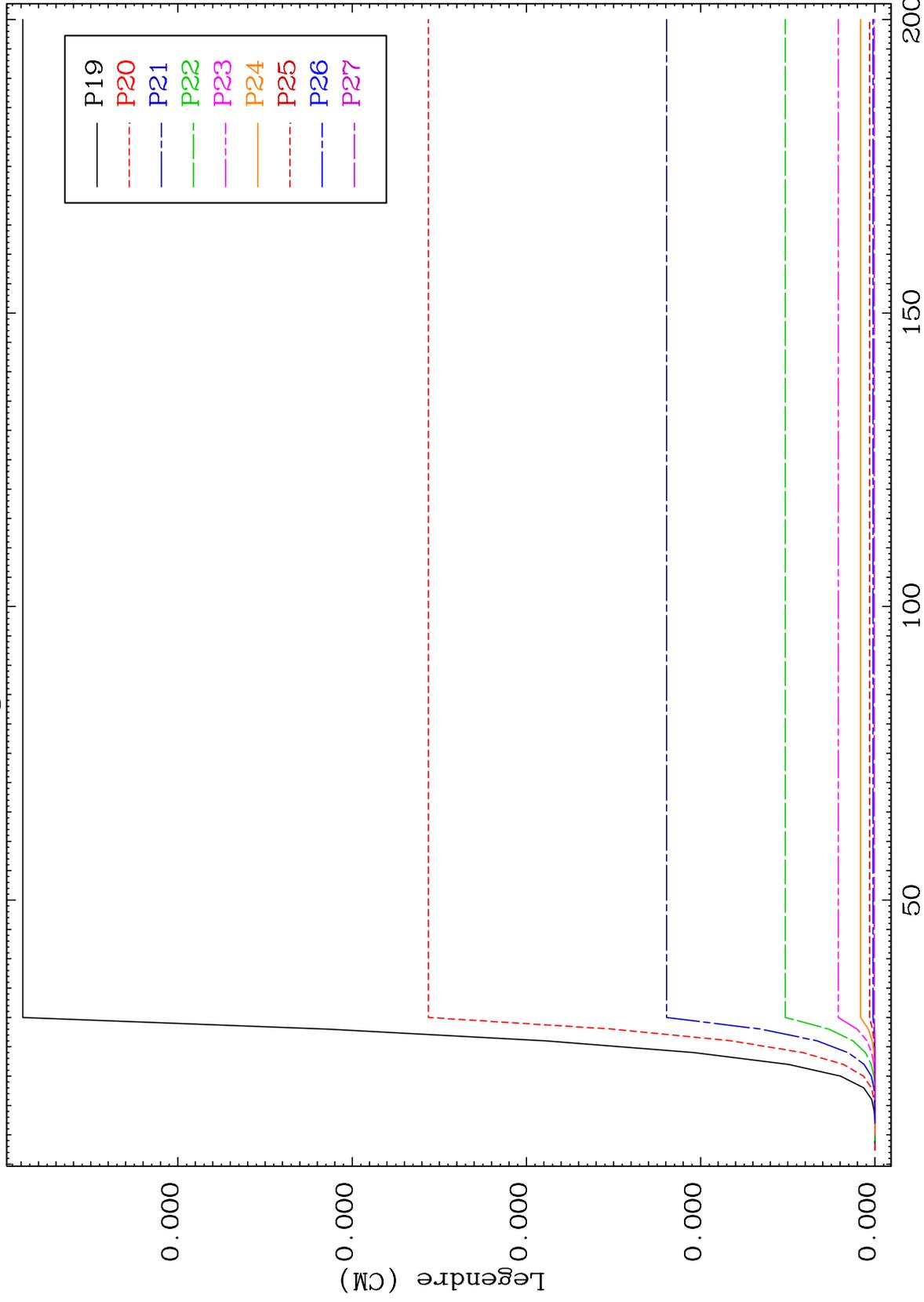
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



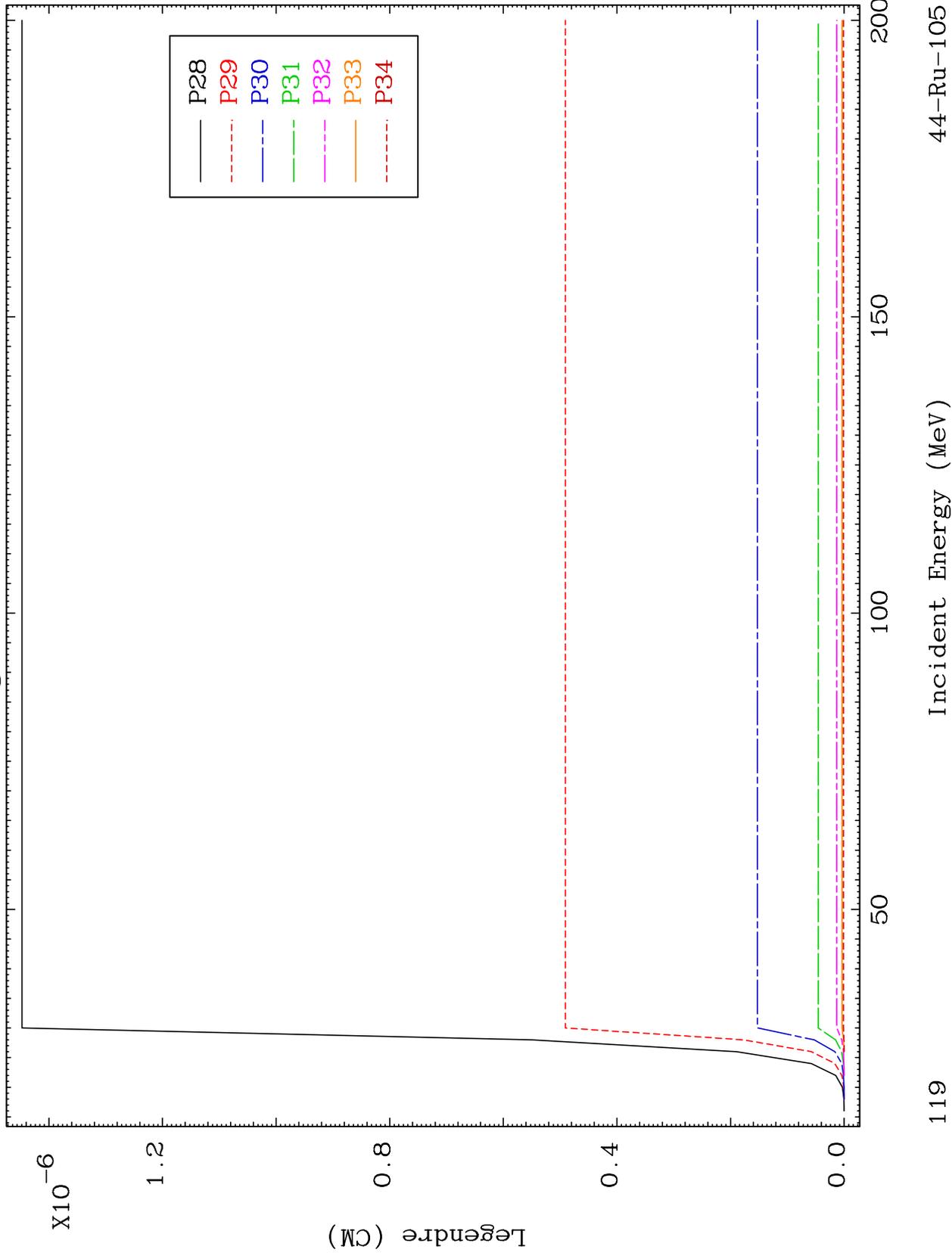
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44-Ru-105

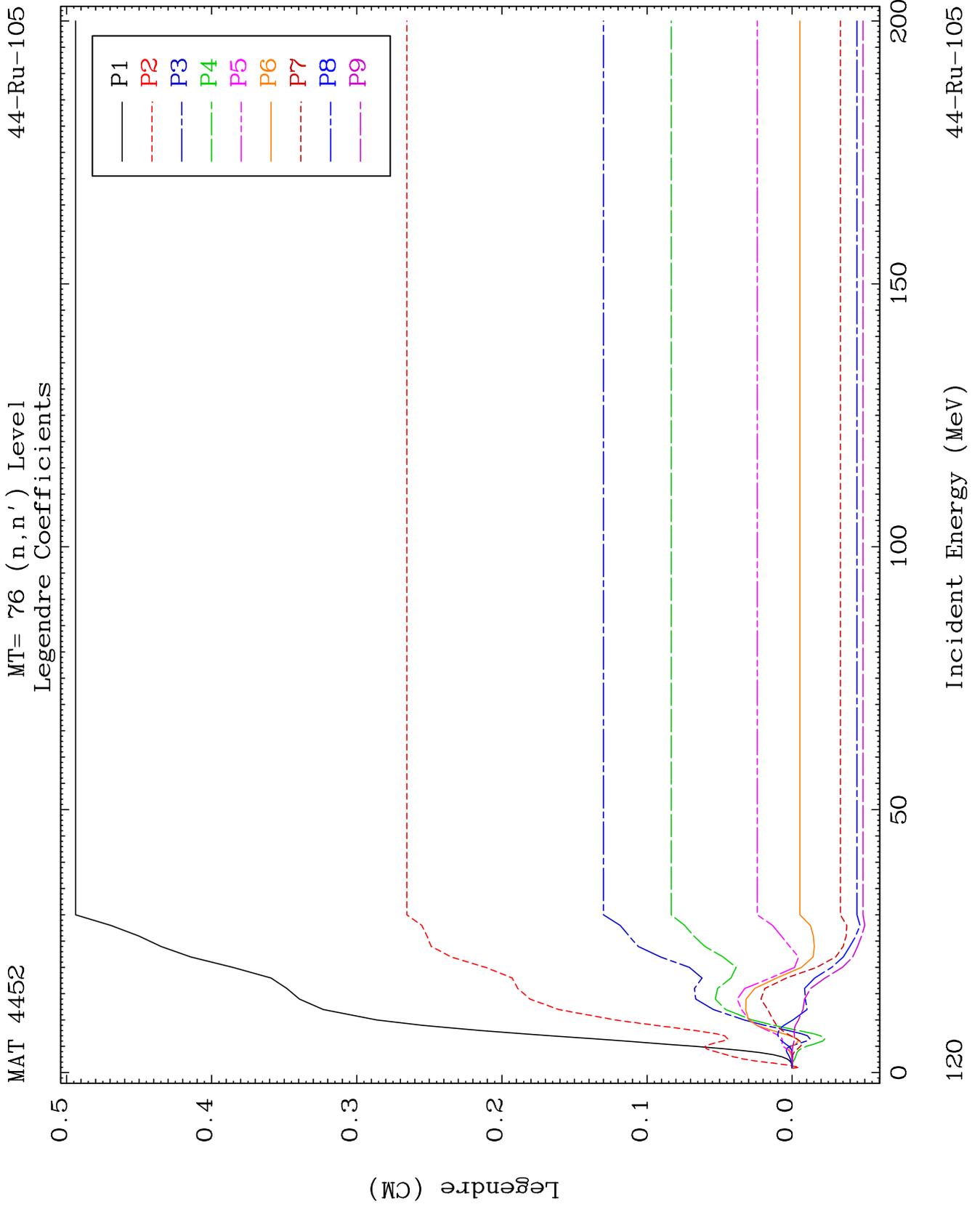
MAT 4452

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

44-Ru-105



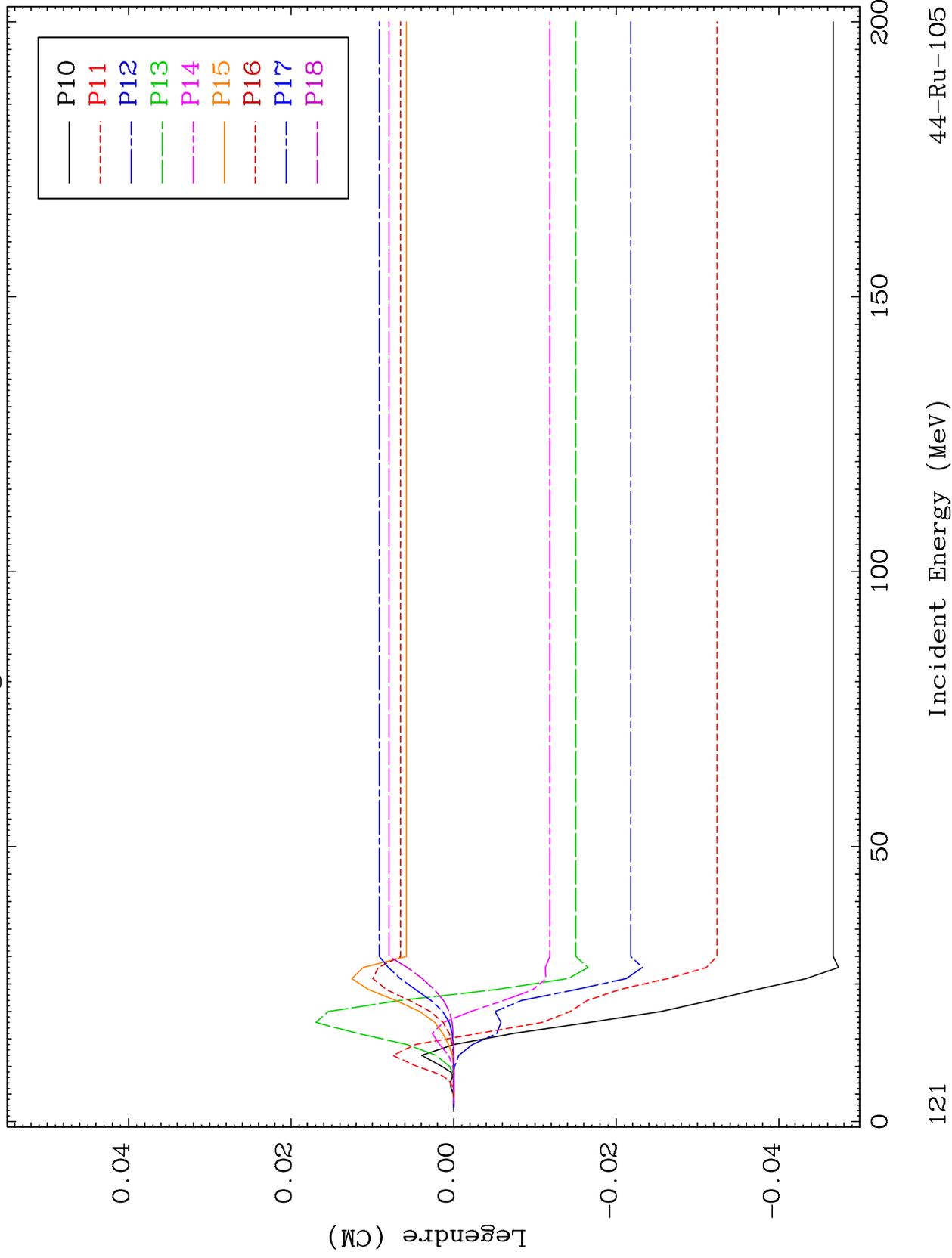
119



MAT 4452

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

44-Ru-105



121

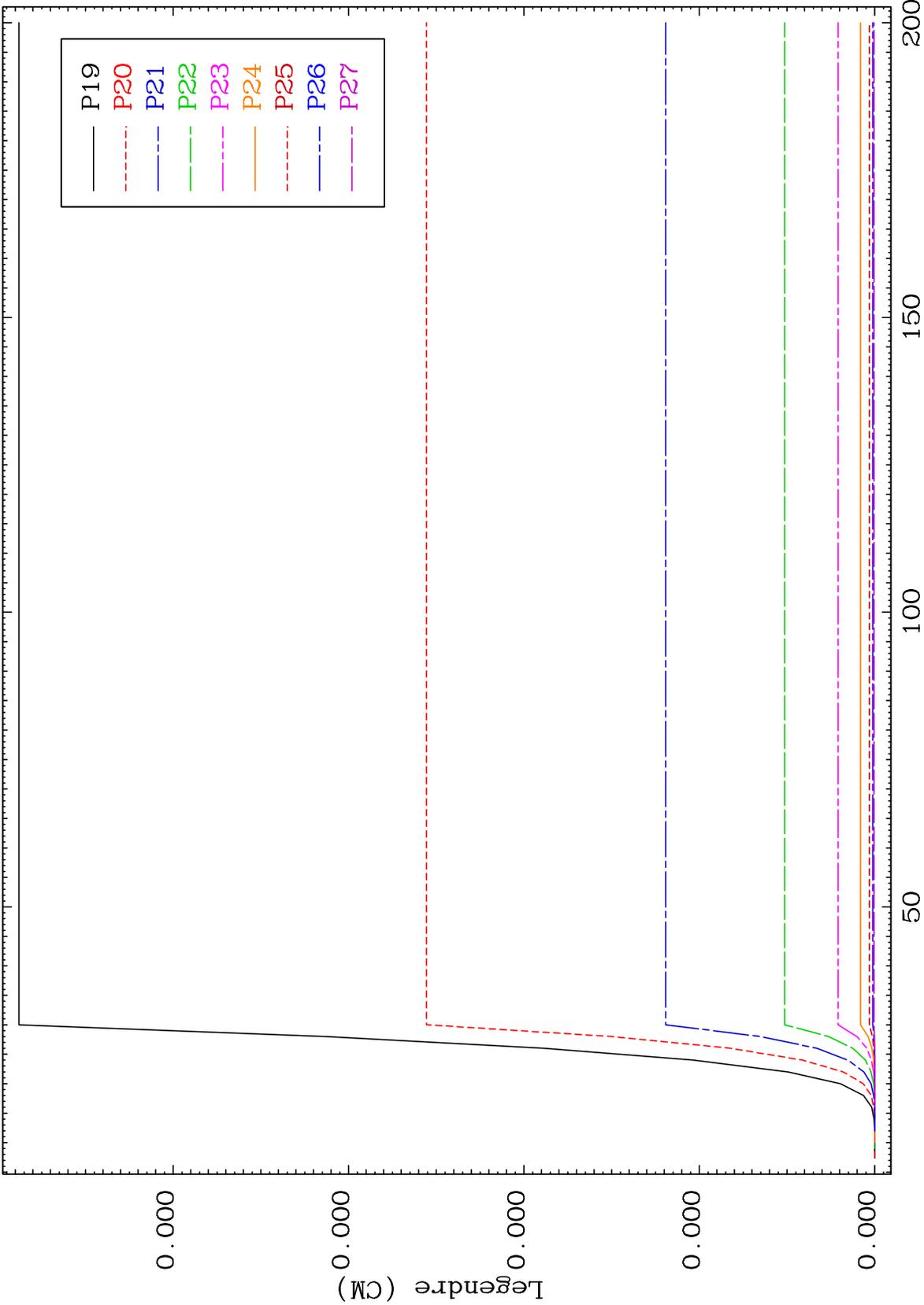
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



122

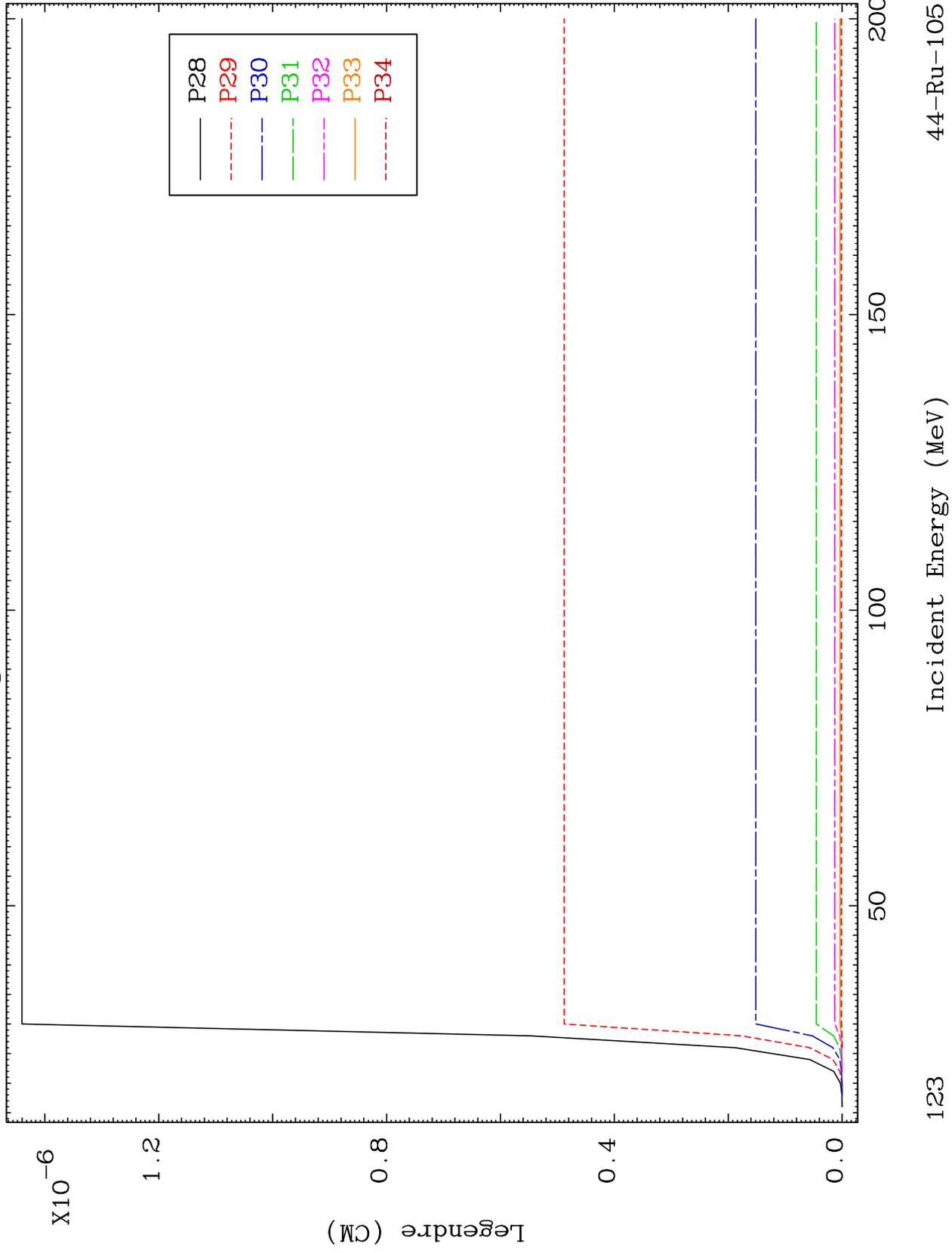
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

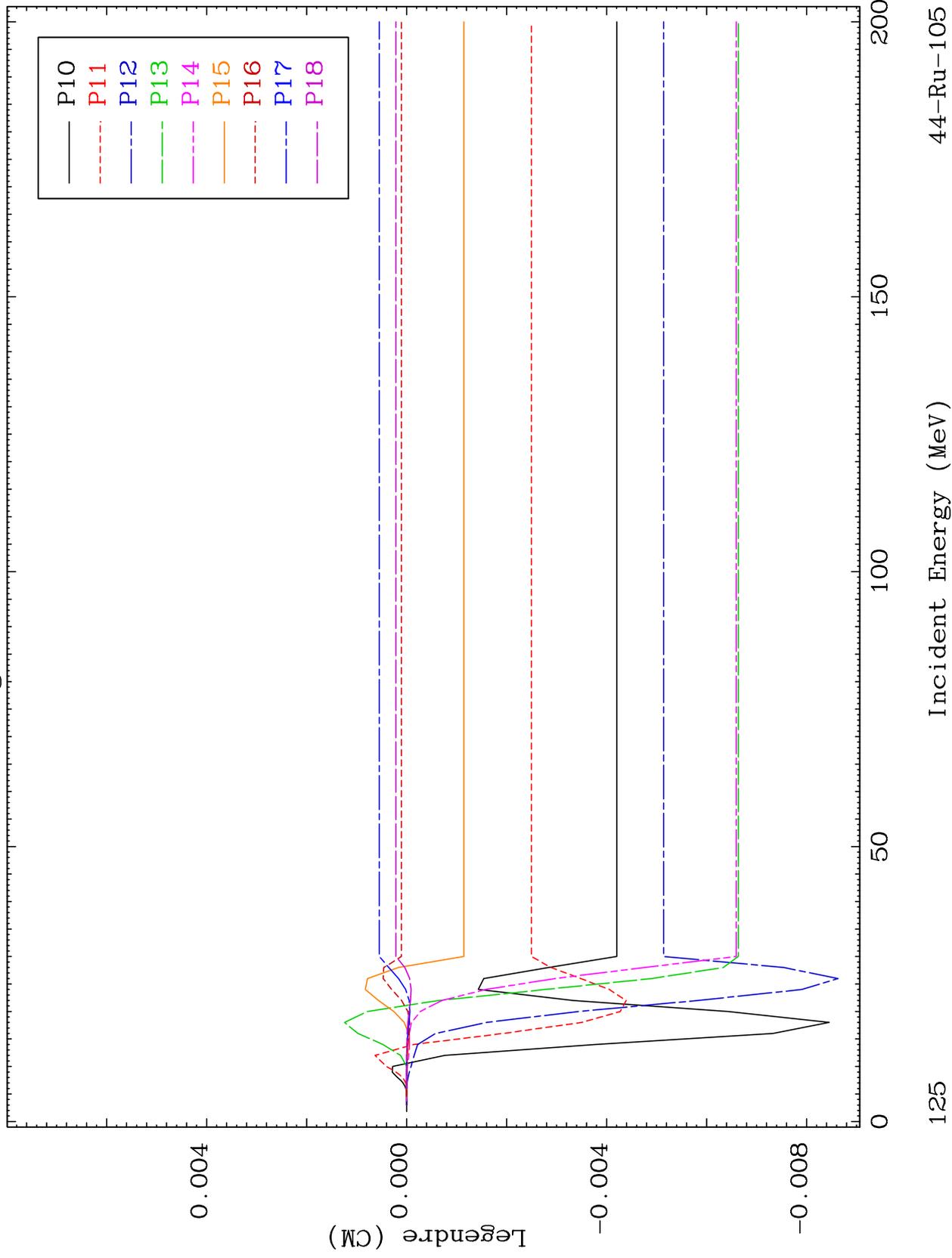


123

MAT 4452

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

44-Ru-105



44-Ru-105

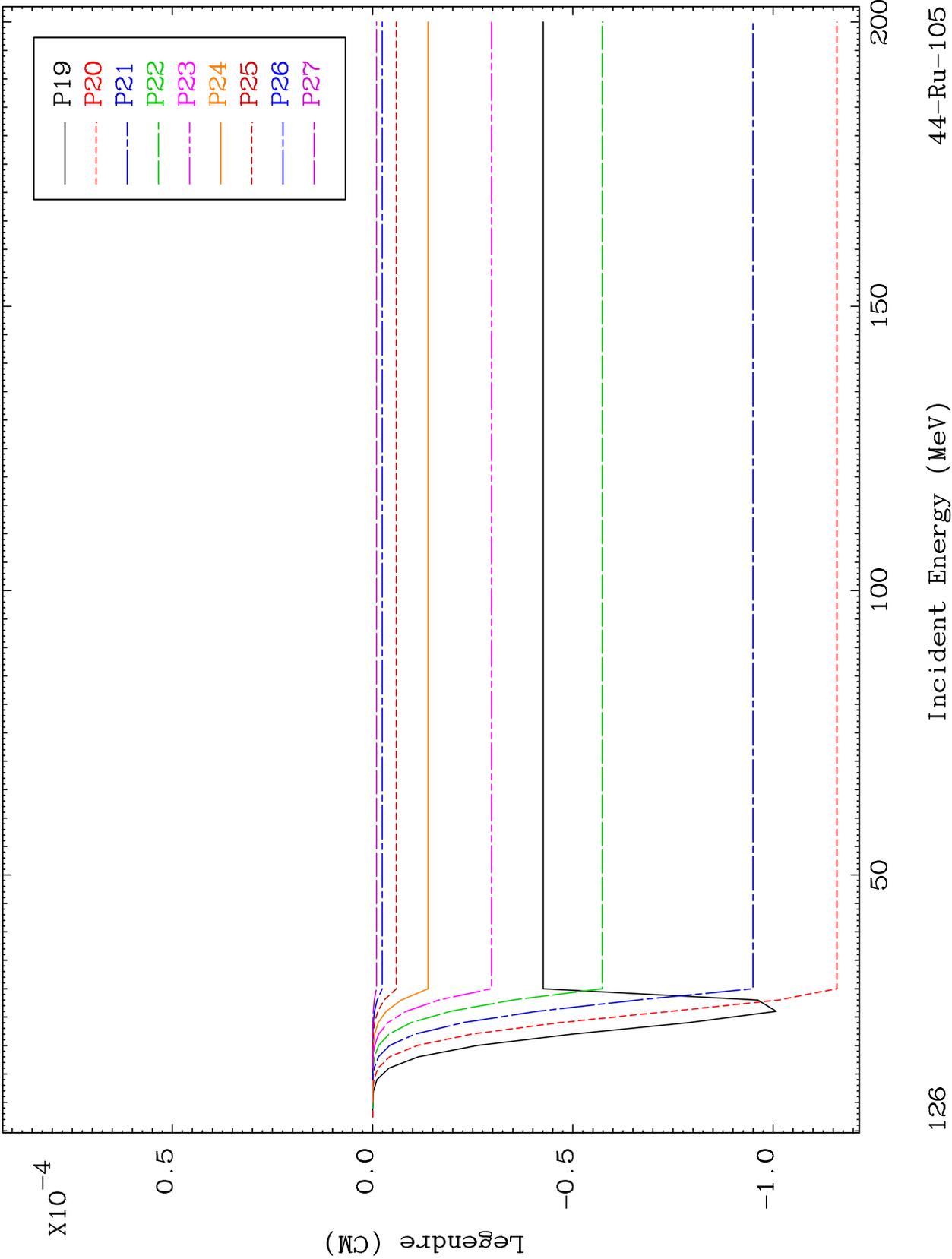
Incident Energy (MeV)

125

MAT 4452

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

44-Ru-105



126

Incident Energy (MeV)

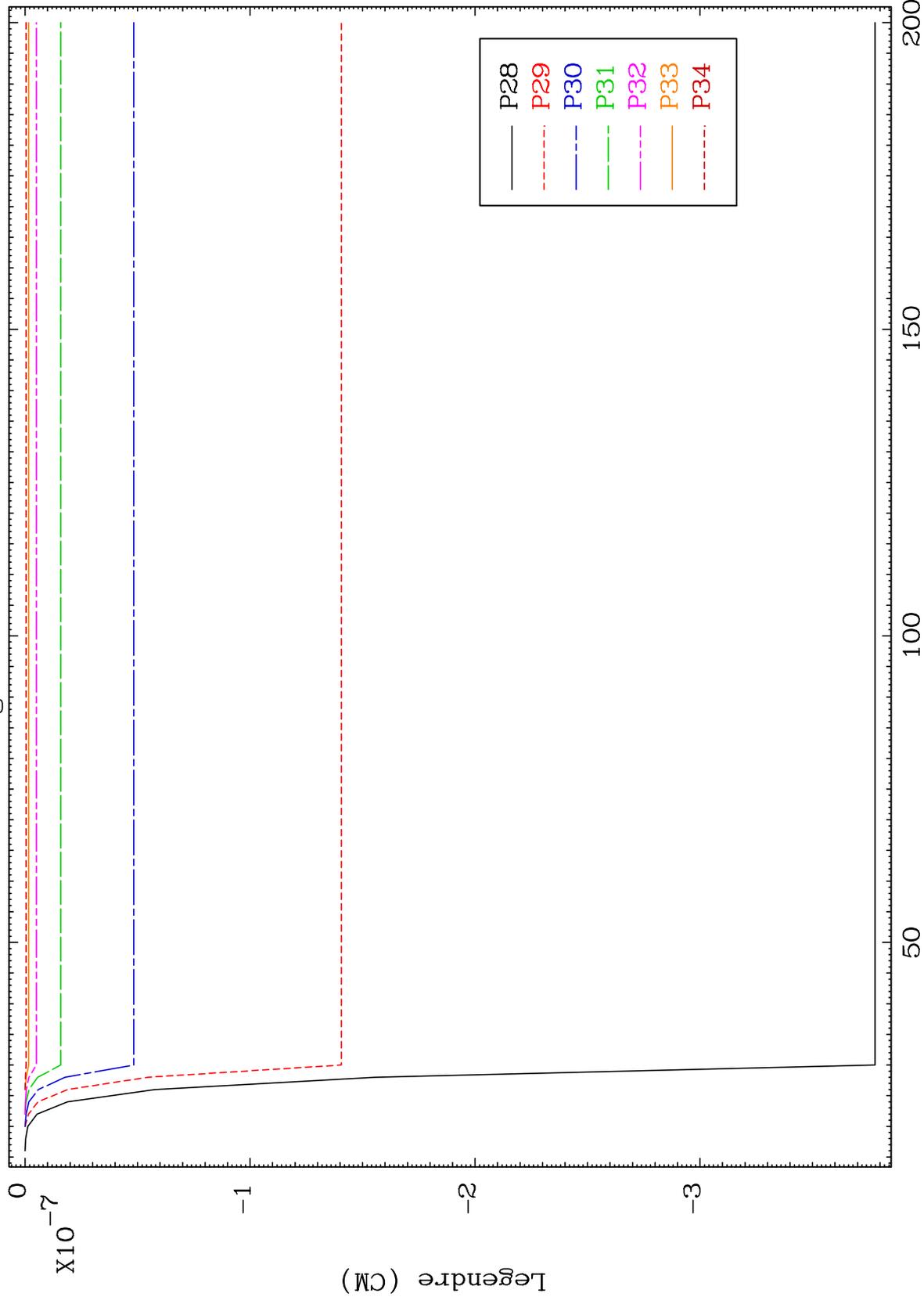
44-Ru-105

MAT 4452

MT= 77 (n,n') Level

44-Ru-105

Legendre Coefficients



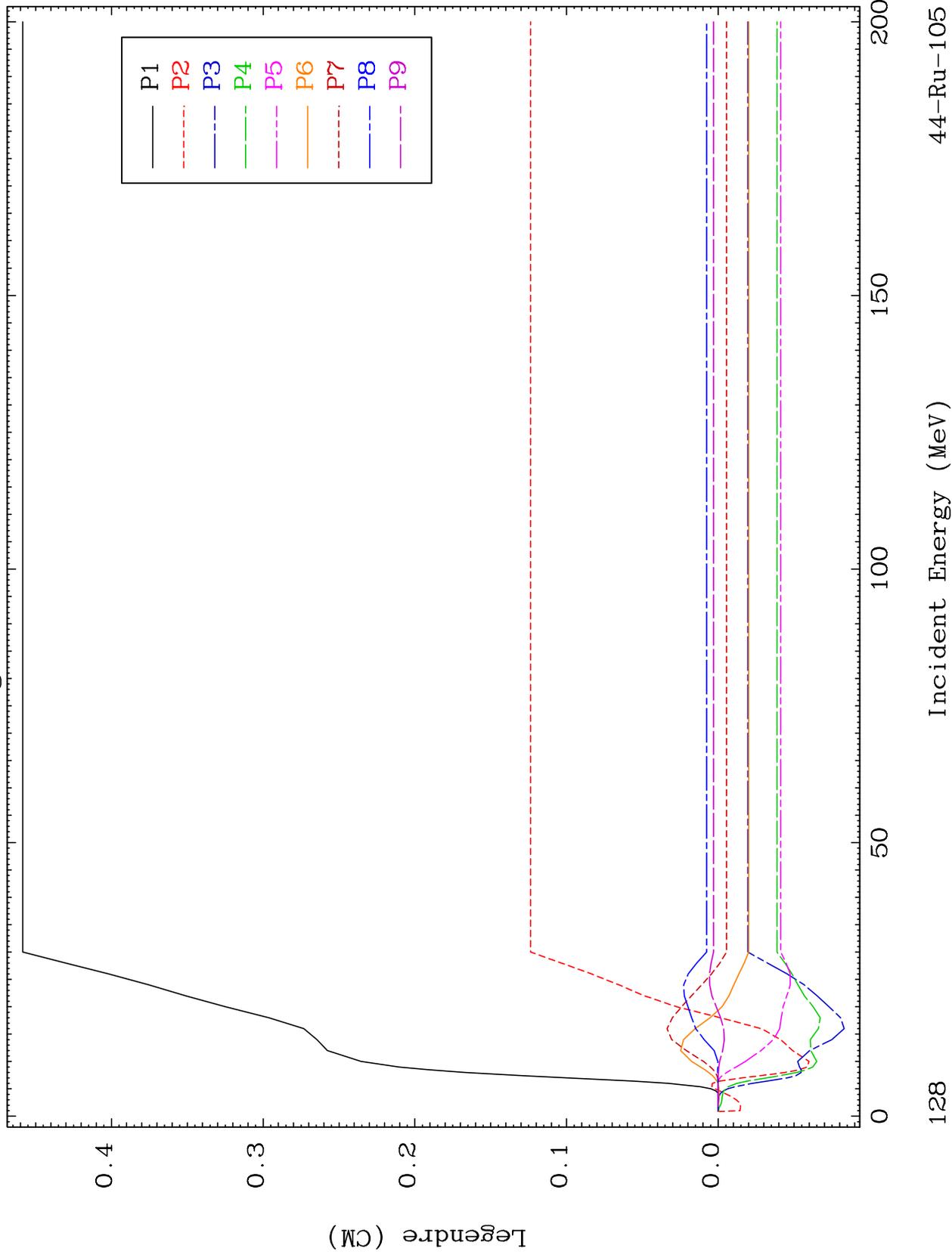
127

44-Ru-105

MAT 4452

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

44-Ru-105

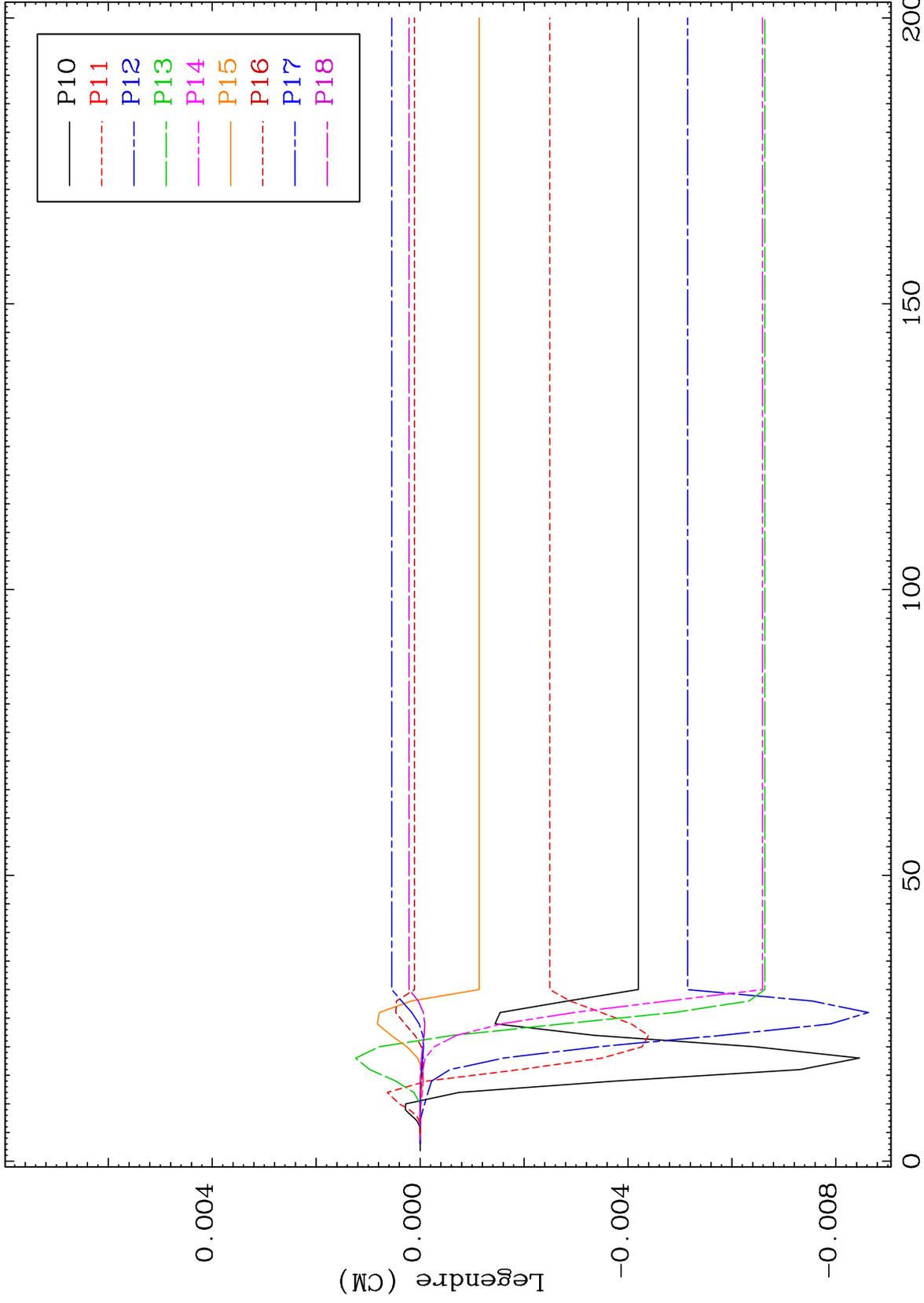


128

MAT 4452

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

44-Ru-105



129

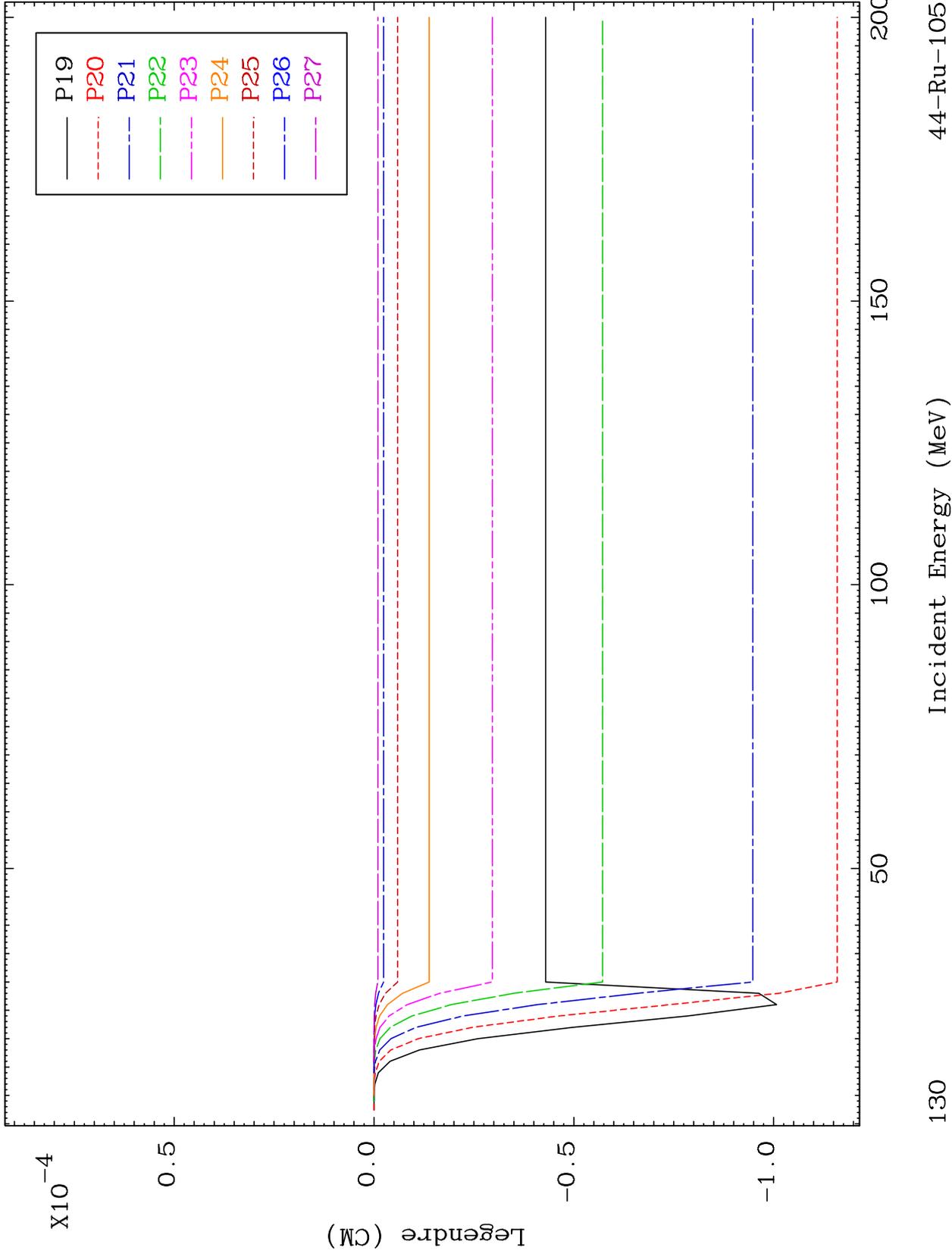
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



130

Incident Energy (MeV)

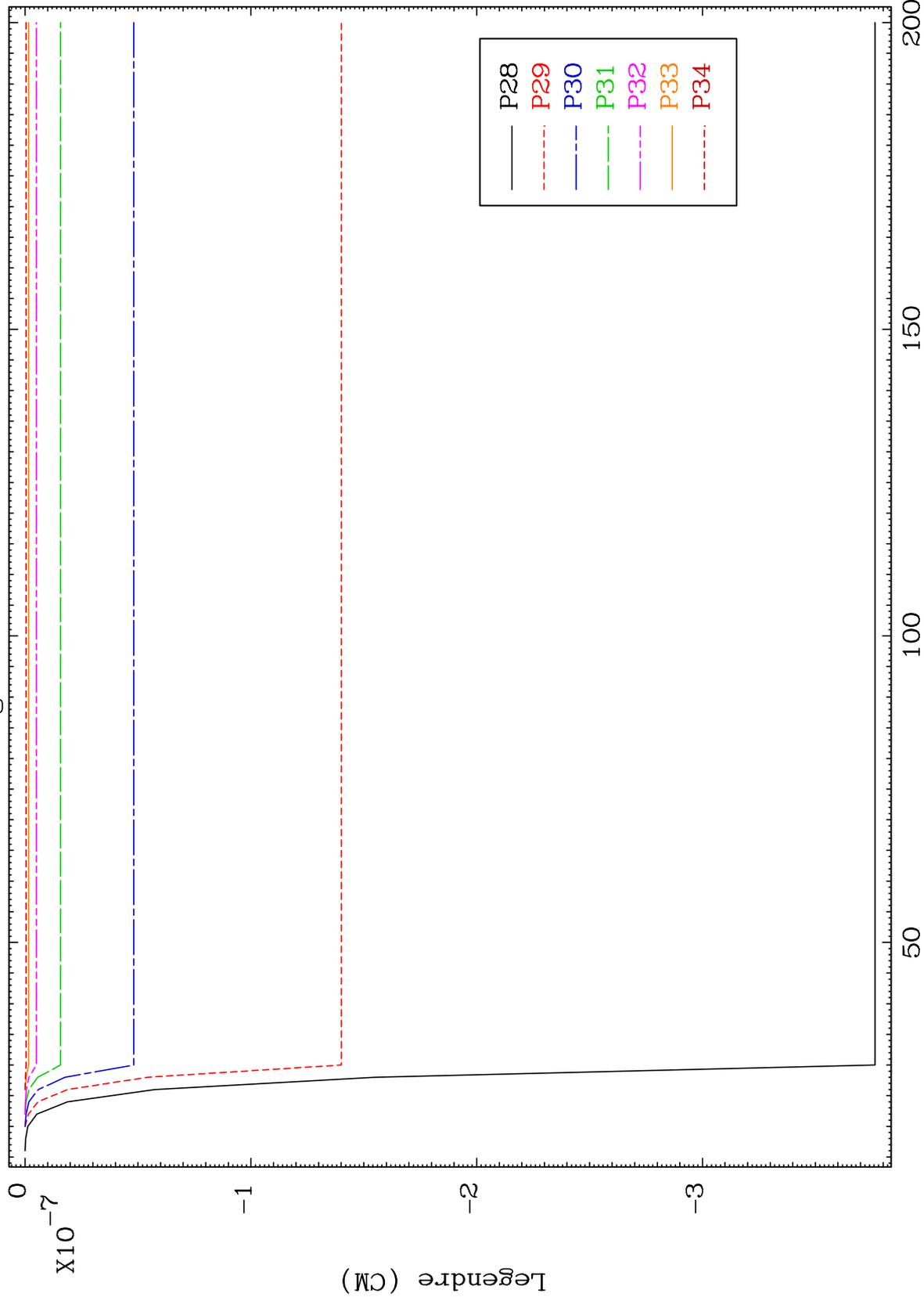
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MAT 4452

MT= 78 (n,n') Level

44-Ru-105

Legendre Coefficients



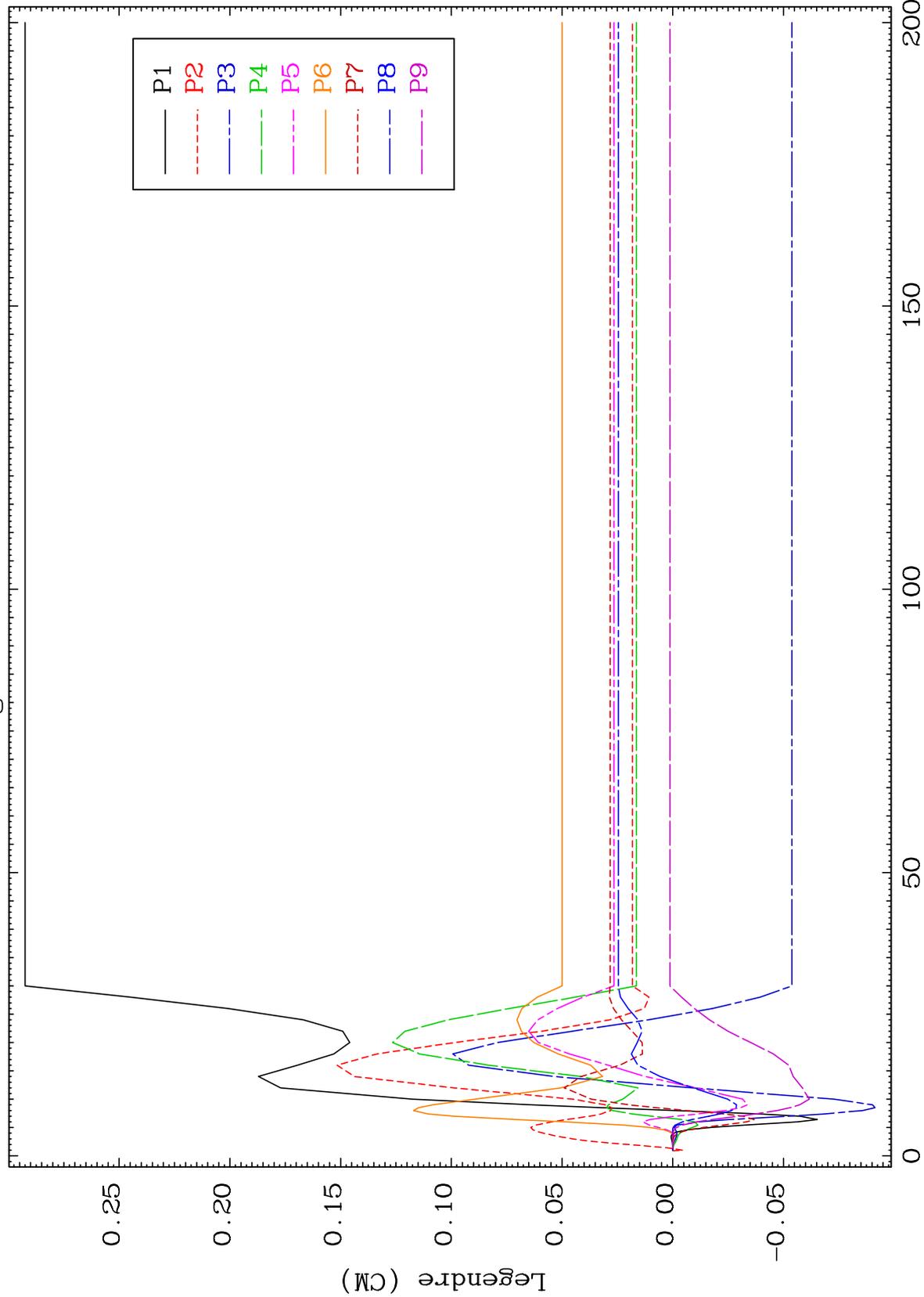
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44-Ru-105

MAT 4452

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

44-Ru-105



132

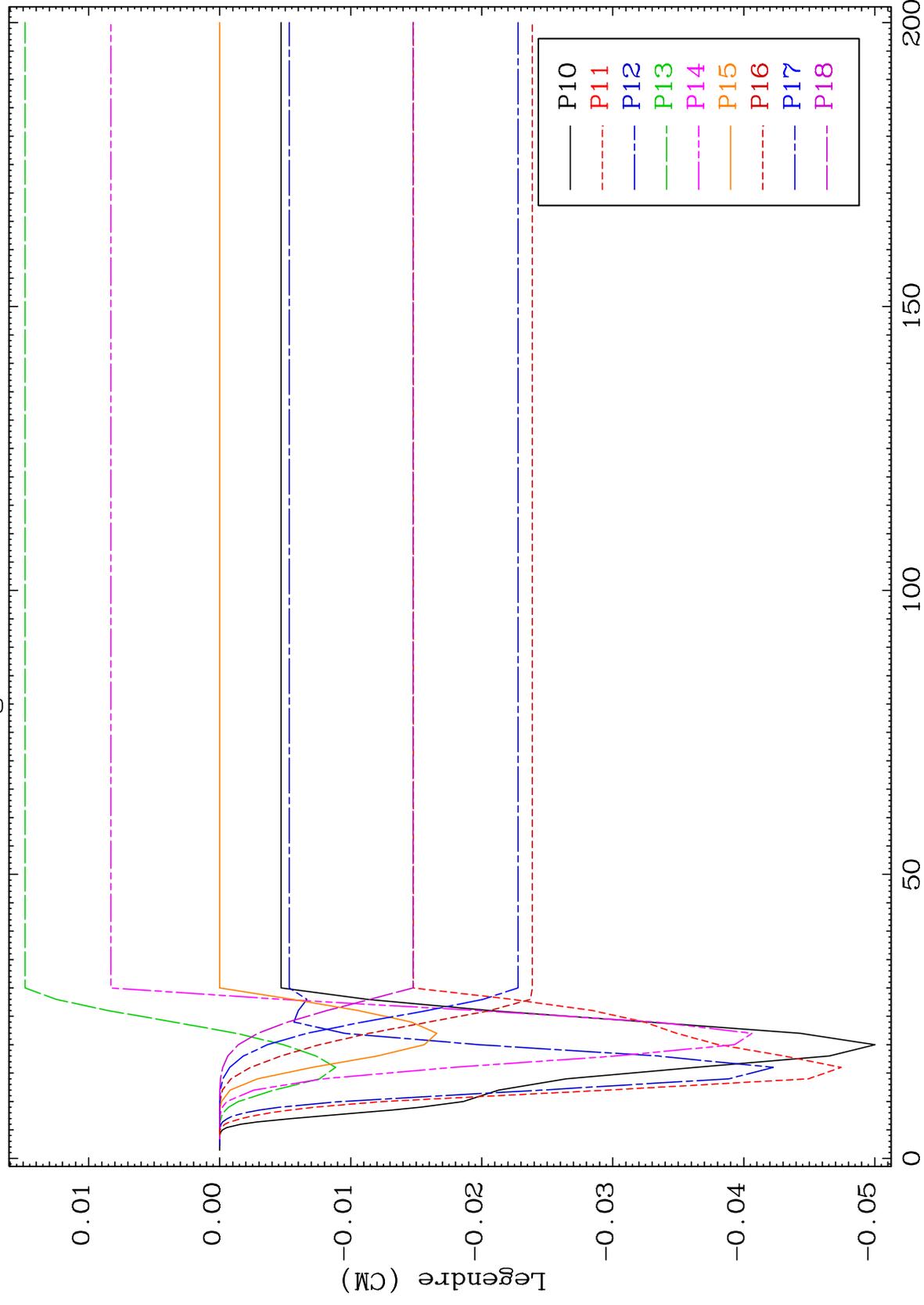
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

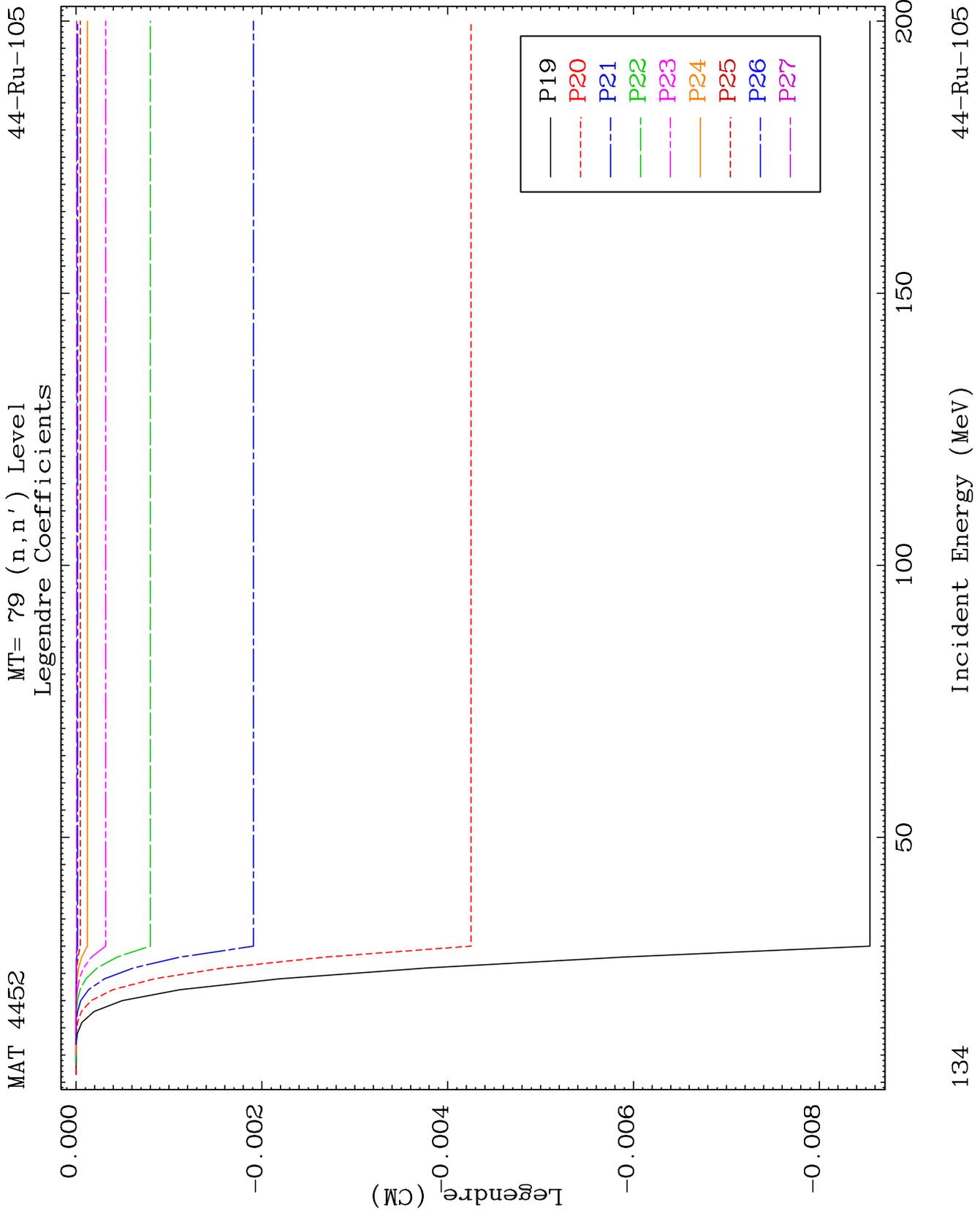
44-Ru-105

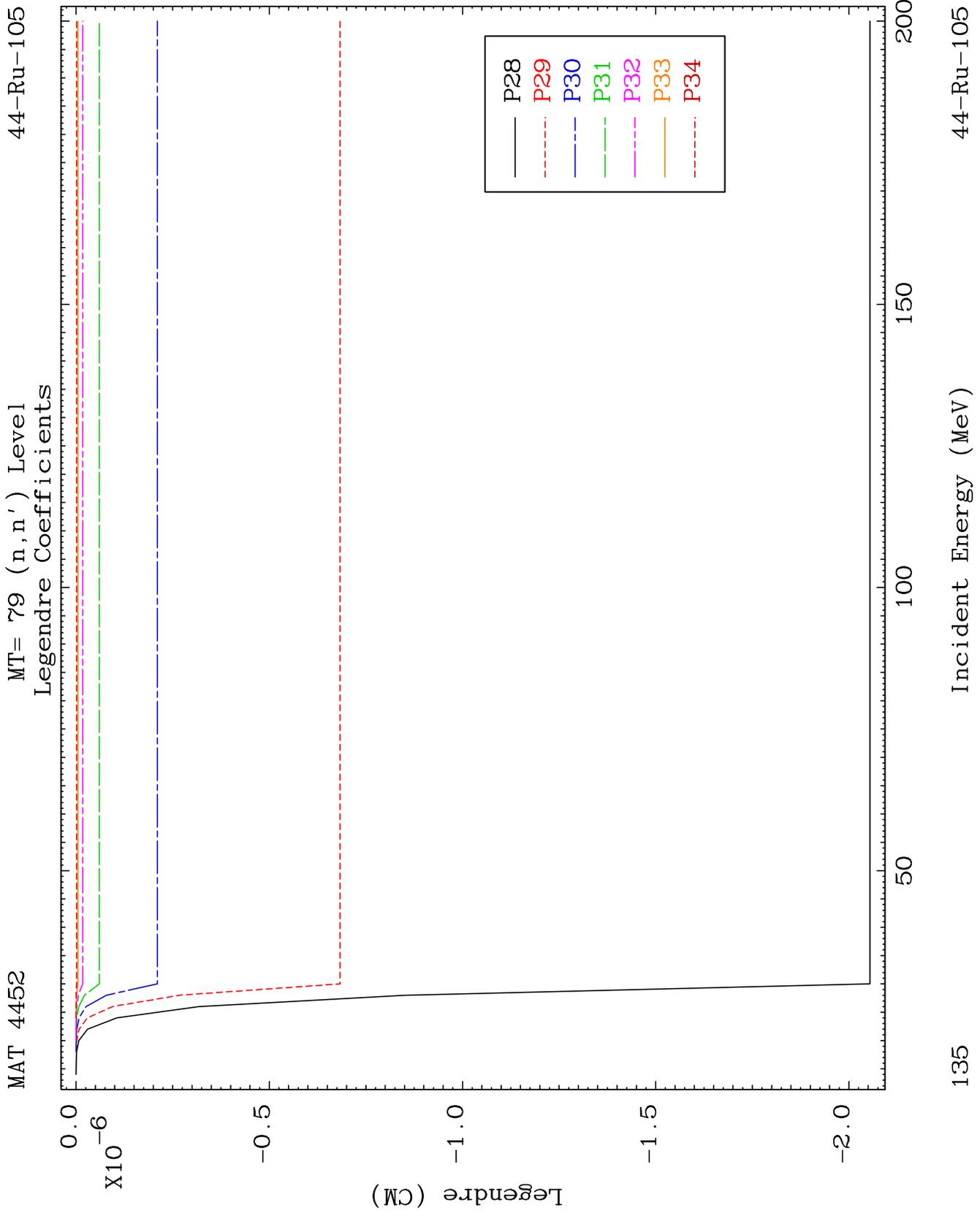


133

Incident Energy (MeV)

44-Ru-105

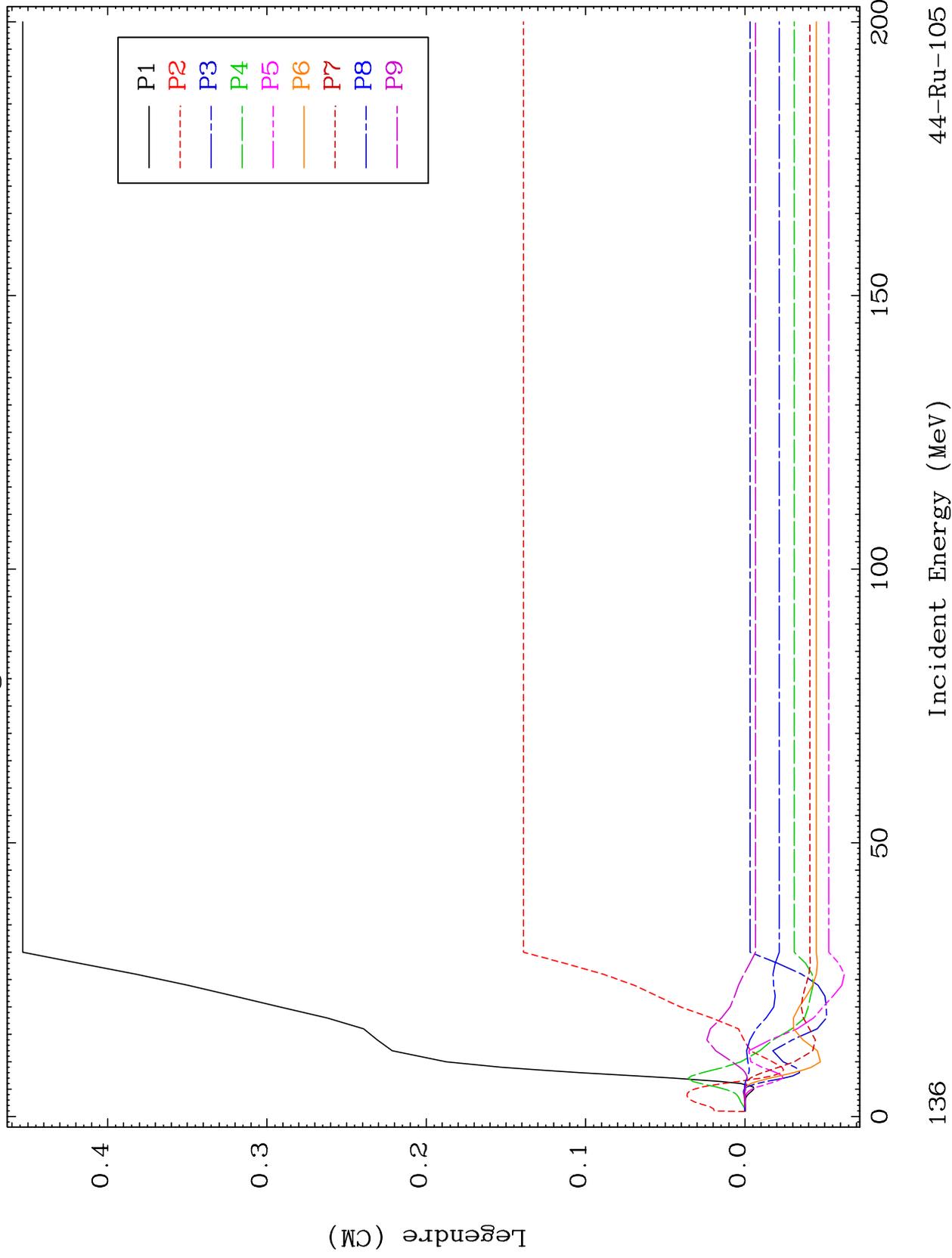




MAT 4452

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

44-Ru-105



136

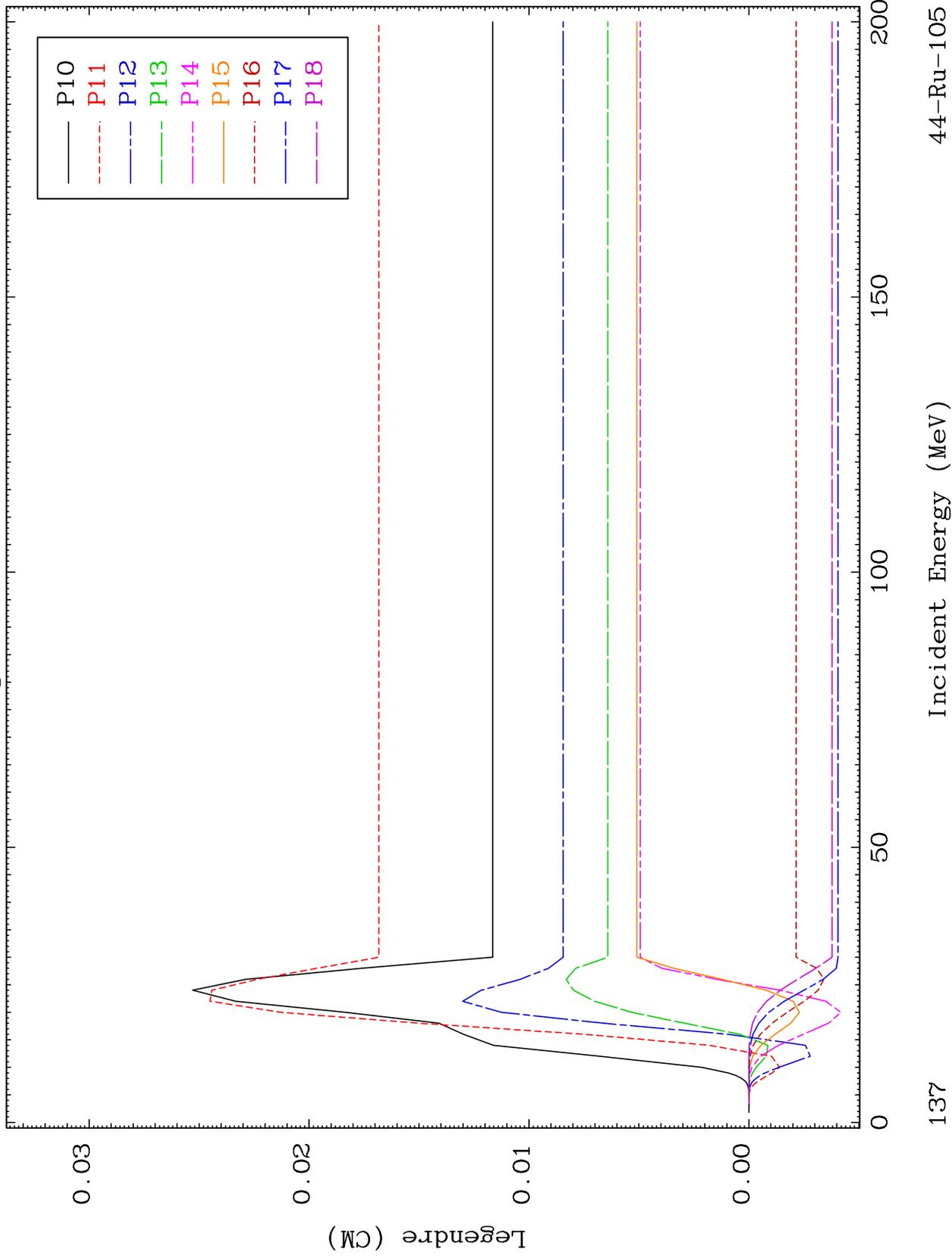
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

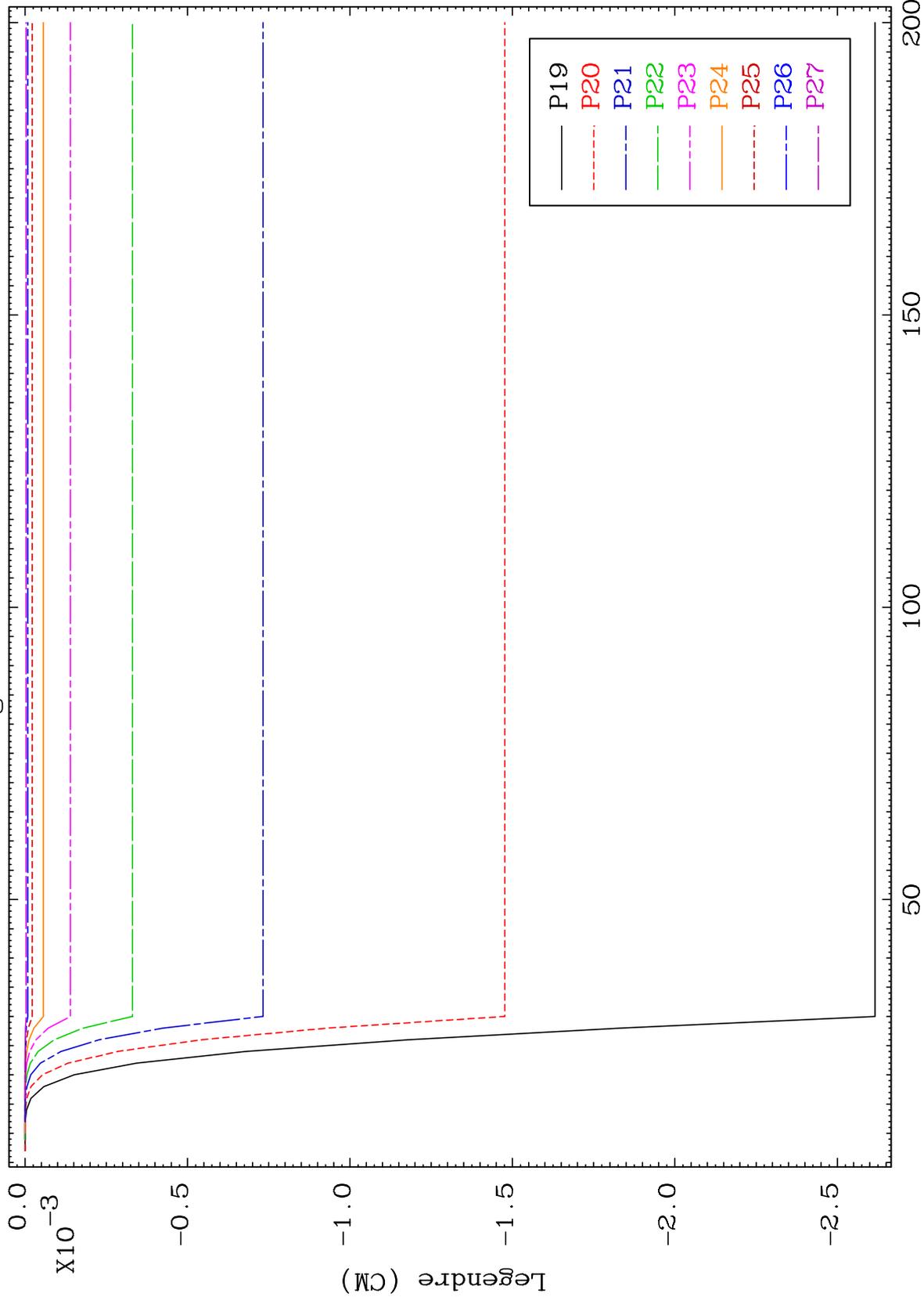
44-Ru-105



MAT 4452

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

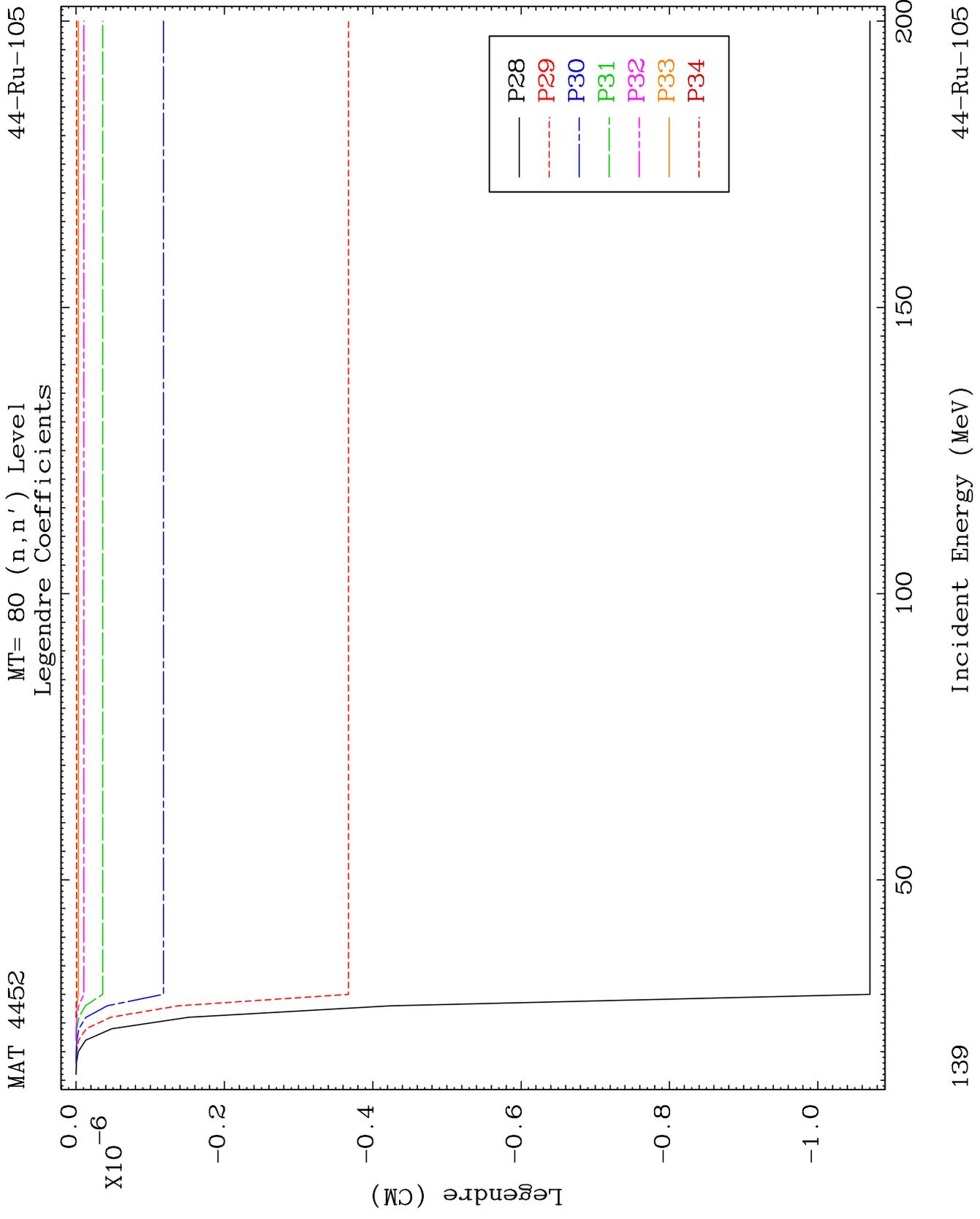
44-Ru-105



44-Ru-105

Incident Energy (MeV)

138

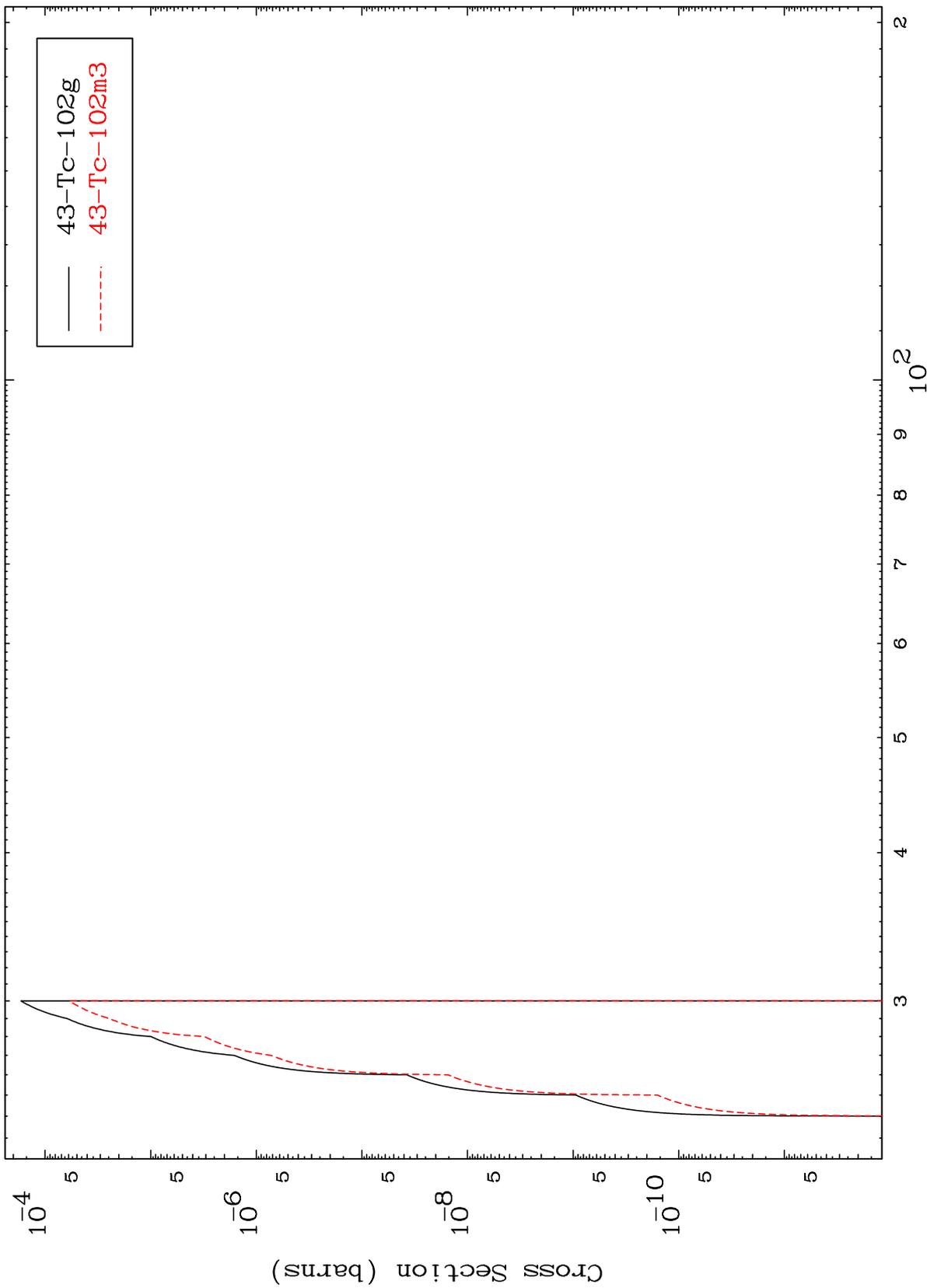


MAT 4452

(n,2n) d

44-Ru-105

Radionuclide Production Cross Section



140

Incident Energy (MeV)

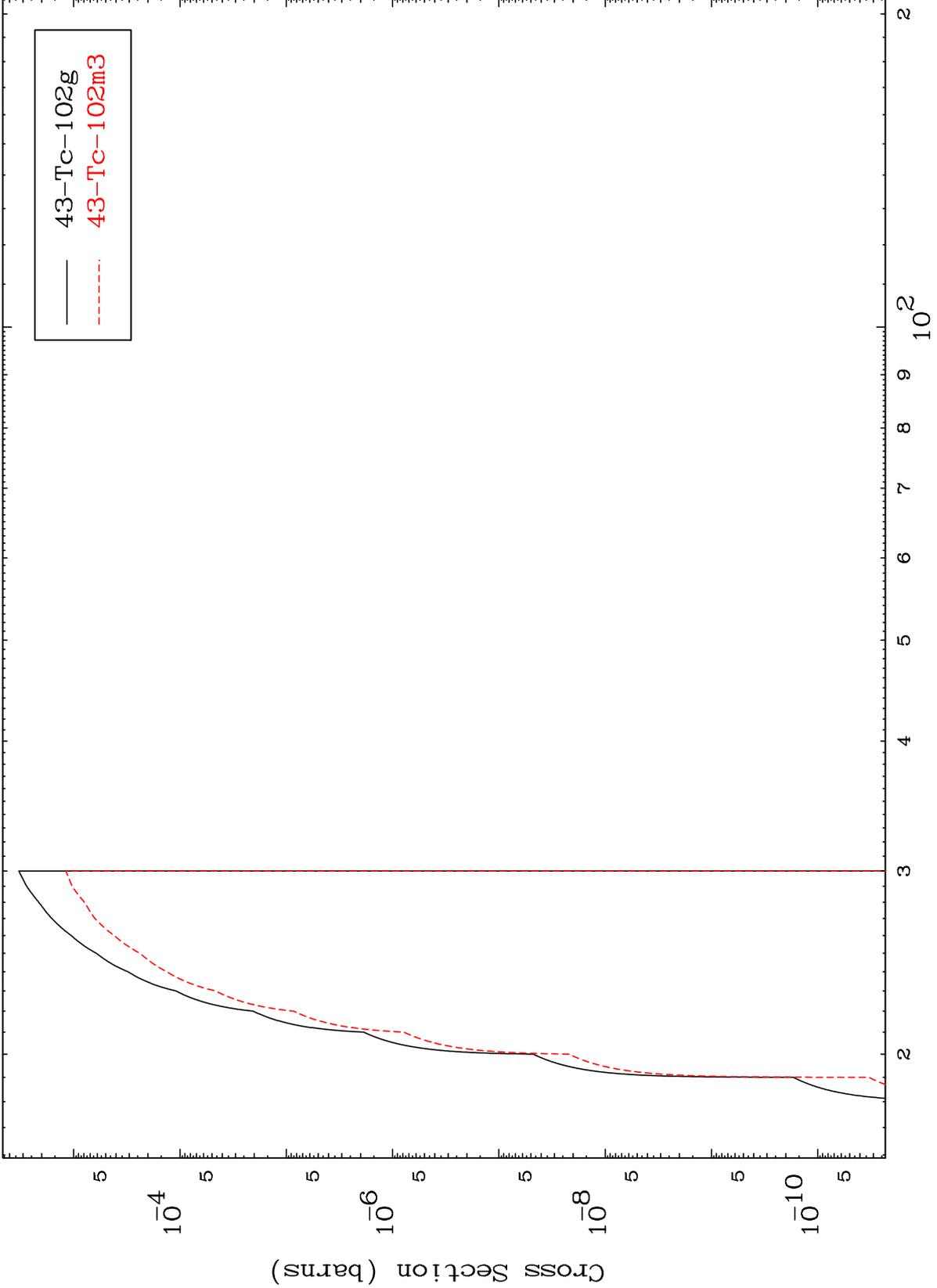
44-Ru-105

MAT 4452

(n,n') t

44-Ru-105

Radionuclide Production Cross Section



141

Incident Energy (MeV)

44-Ru-105

Radionuclide Production Cross Section

