

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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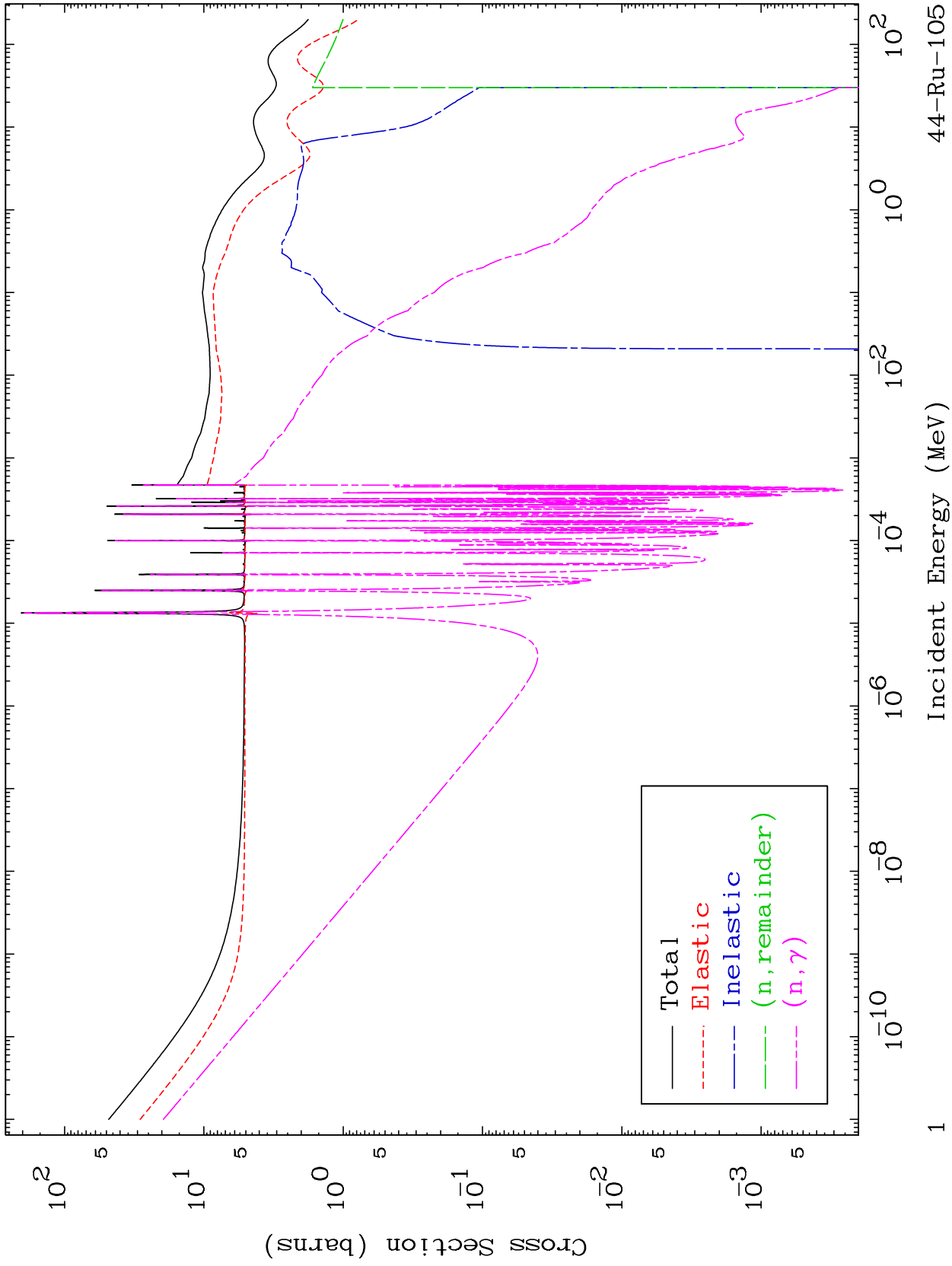
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4452

Major
293 Kelvin Cross Sections

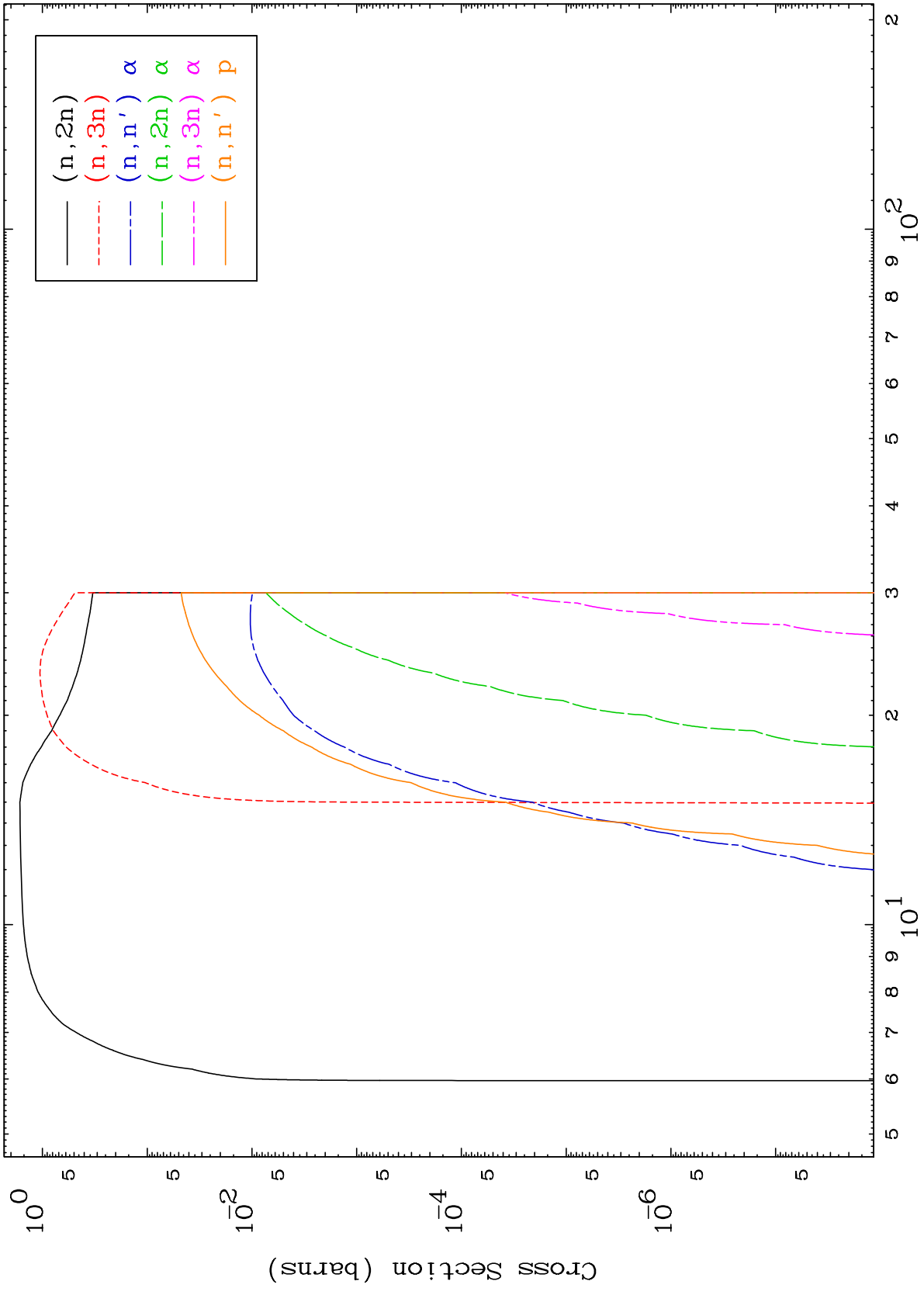
44-Ru-105



MAT 4452

Neutron Production
293 Kelvin Cross Sections

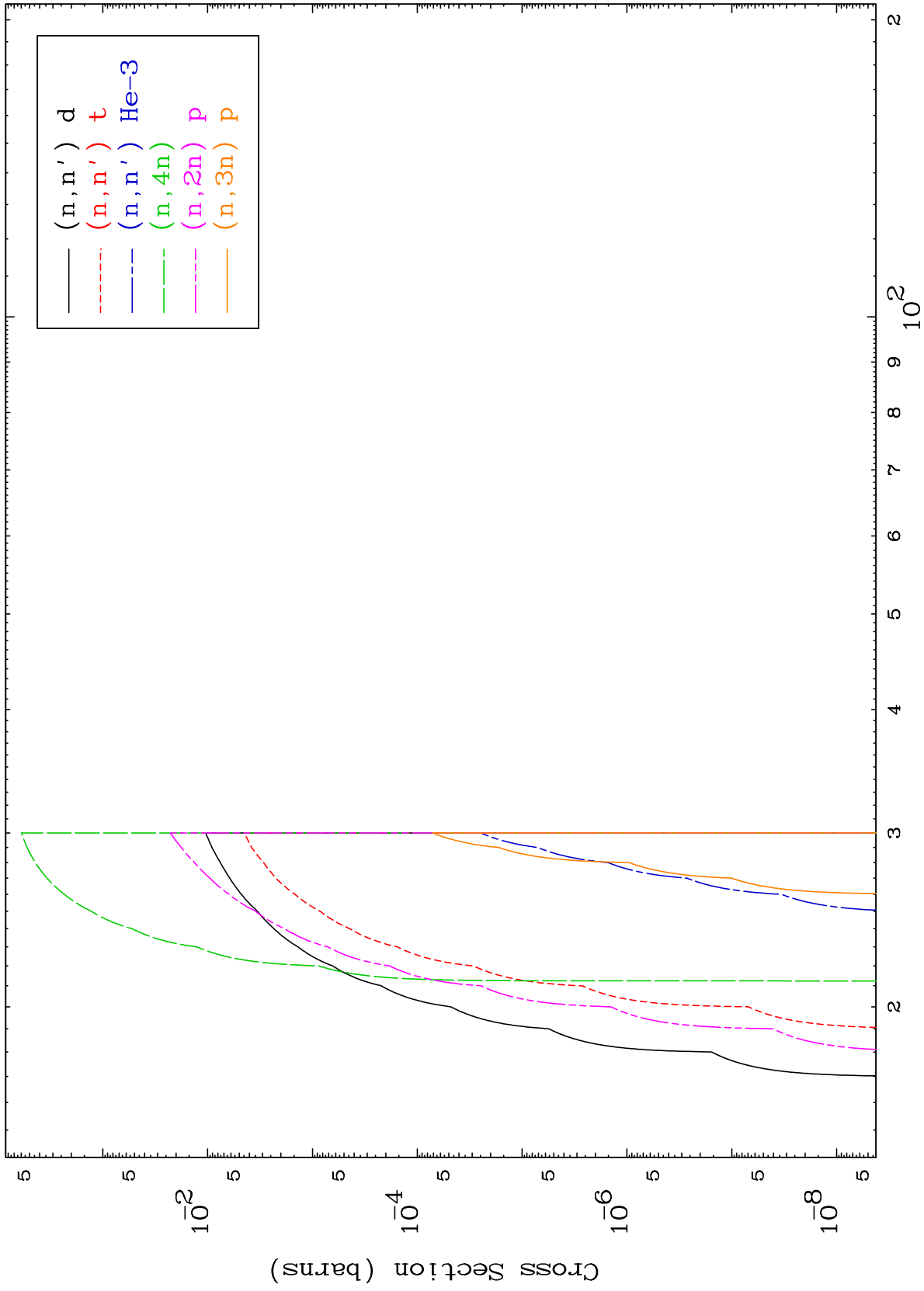
44-Ru-105

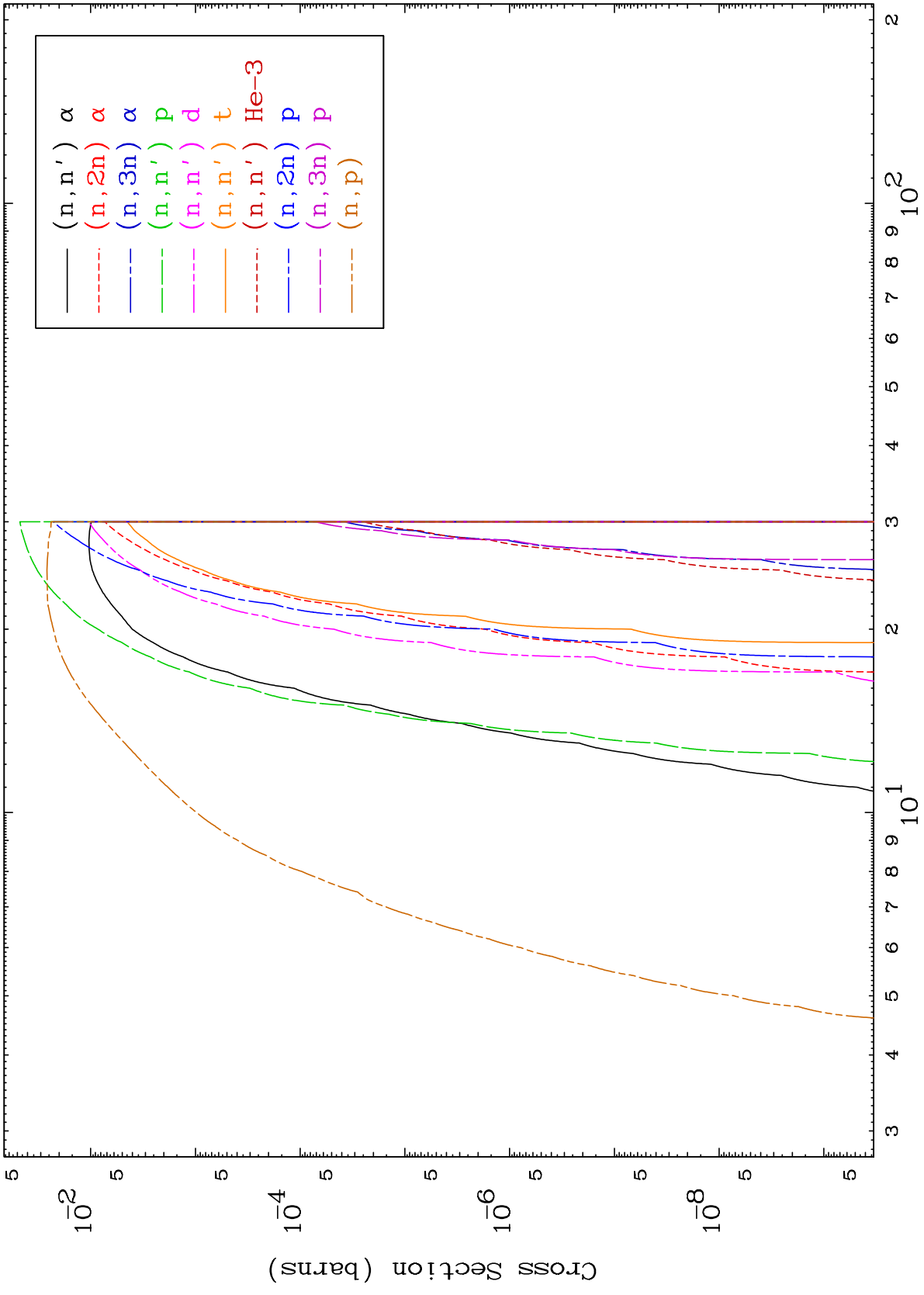


2

Incident Energy (MeV)

44-Ru-105

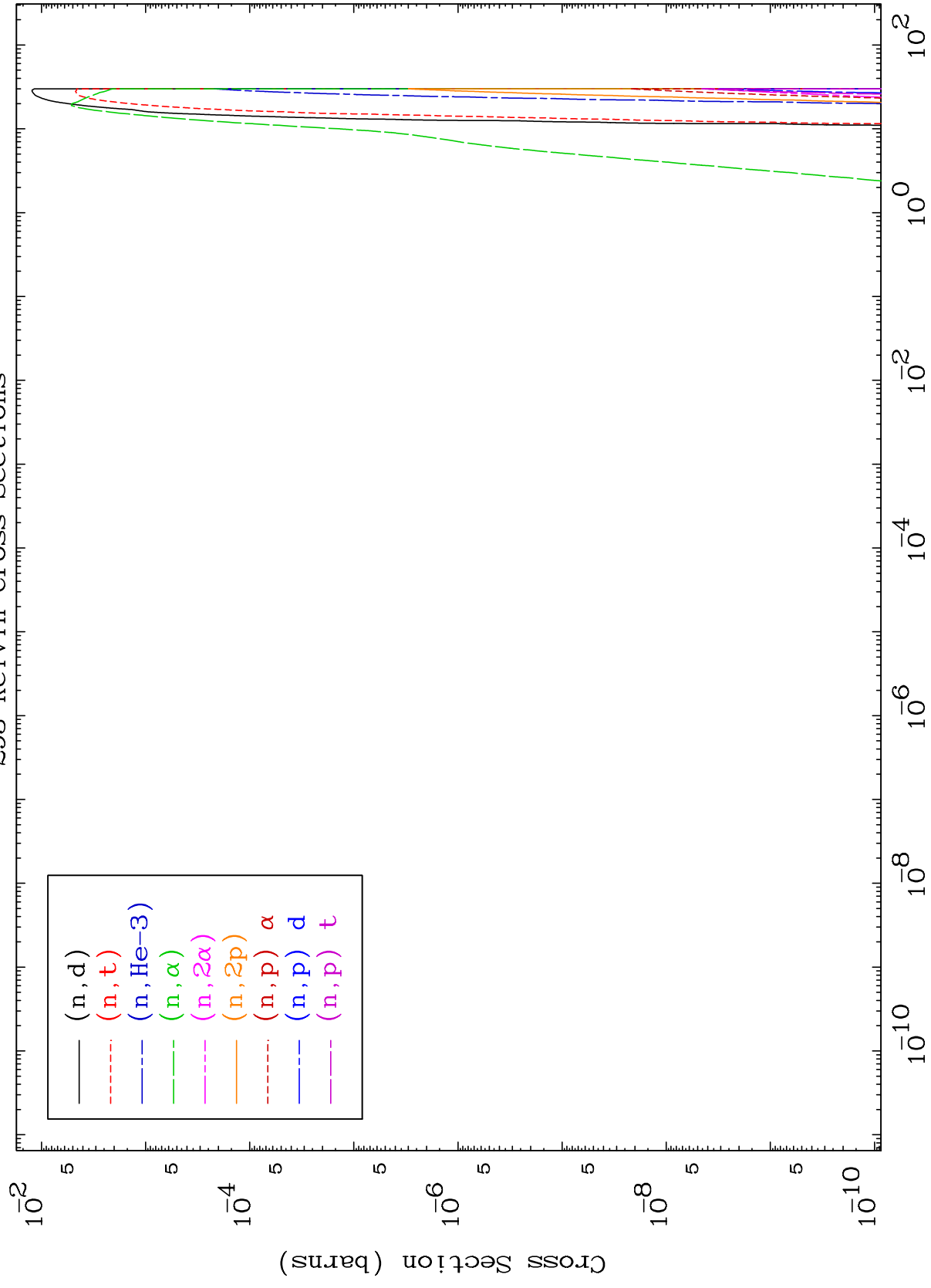




MAT 4452

Charged Particle
293 Kelvin Cross Sections

44-Ru-105



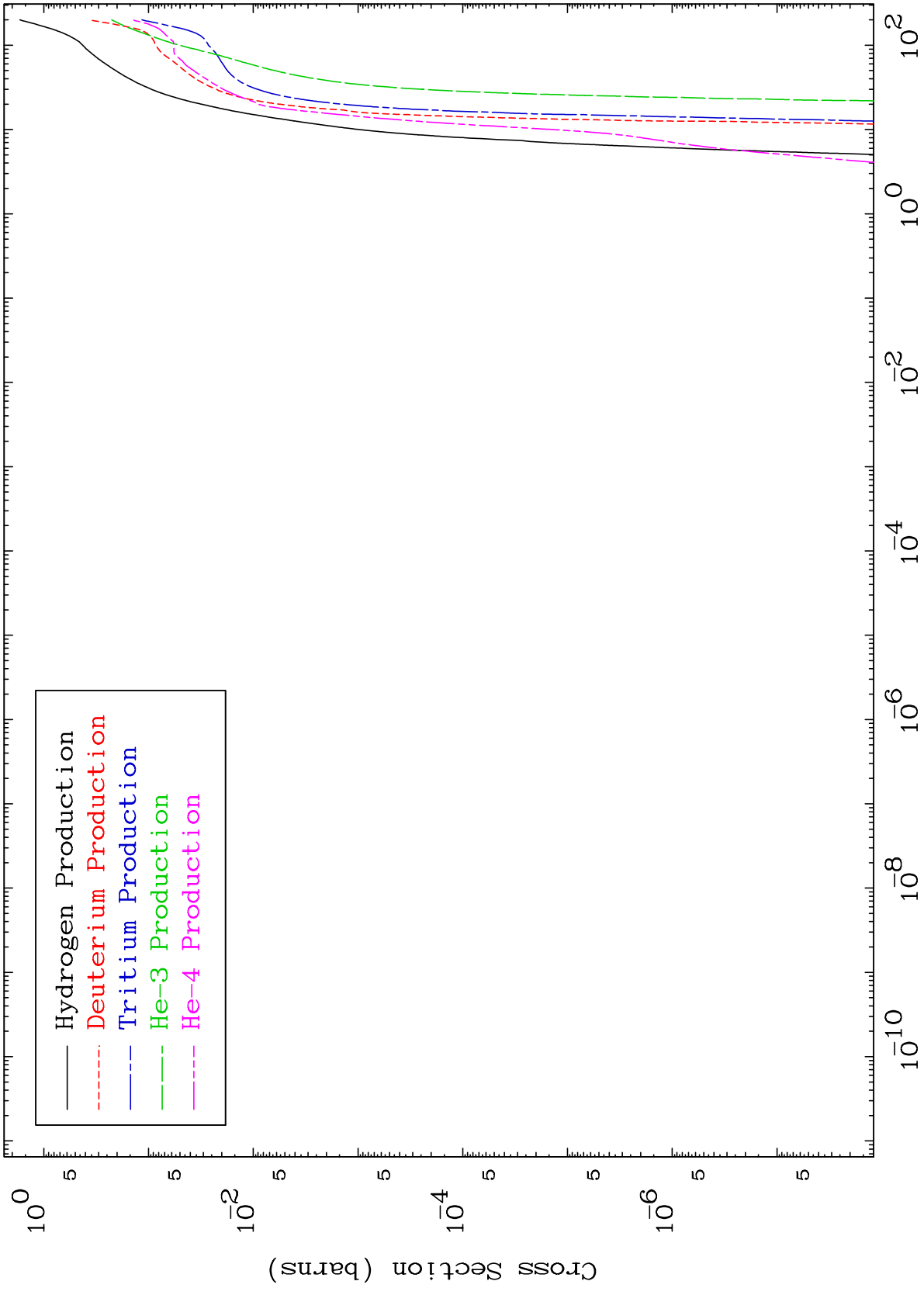
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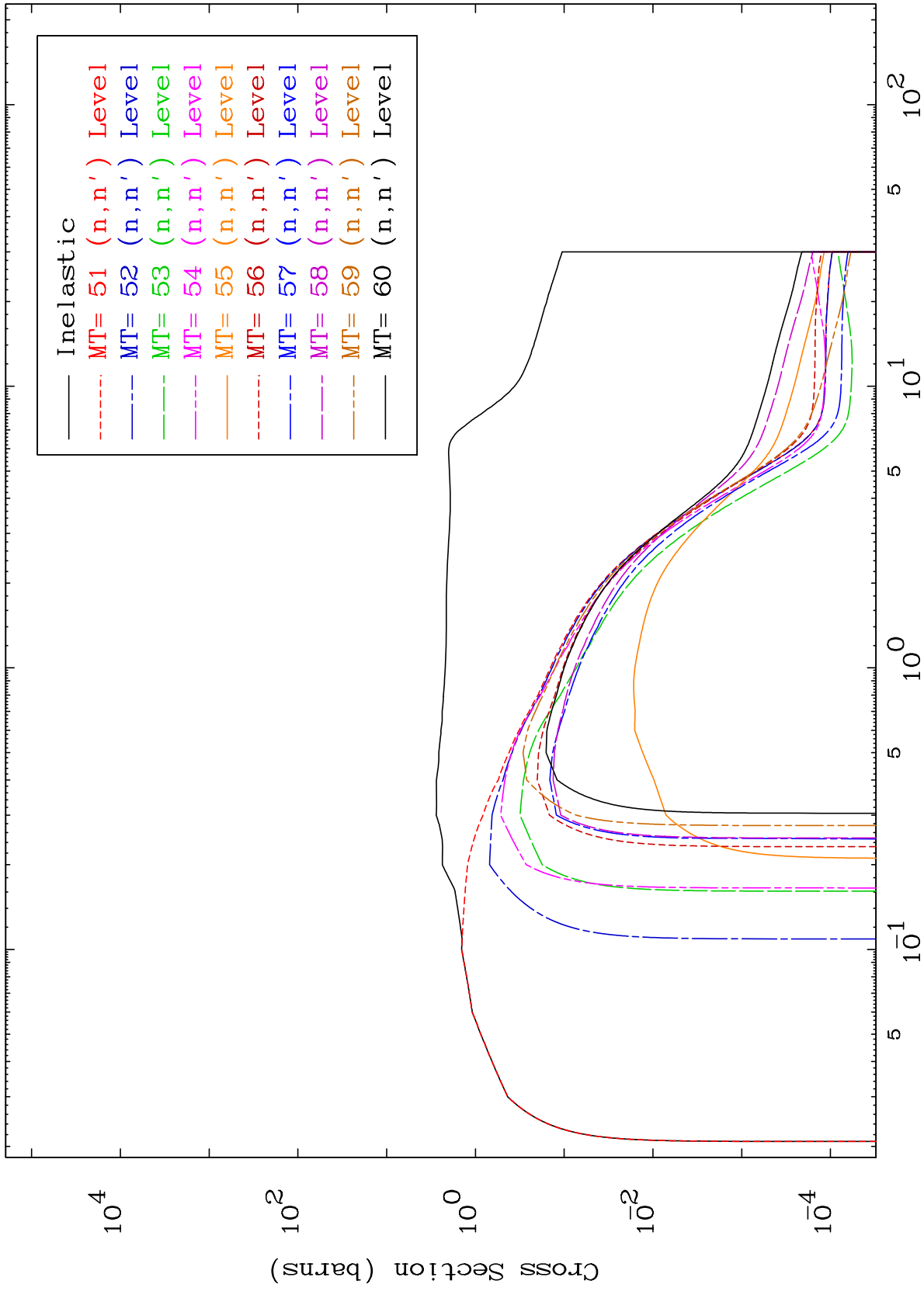
44-Ru-105

MAT 4452

Particle Production
293 Kelvin Cross Sections

44-Ru-105



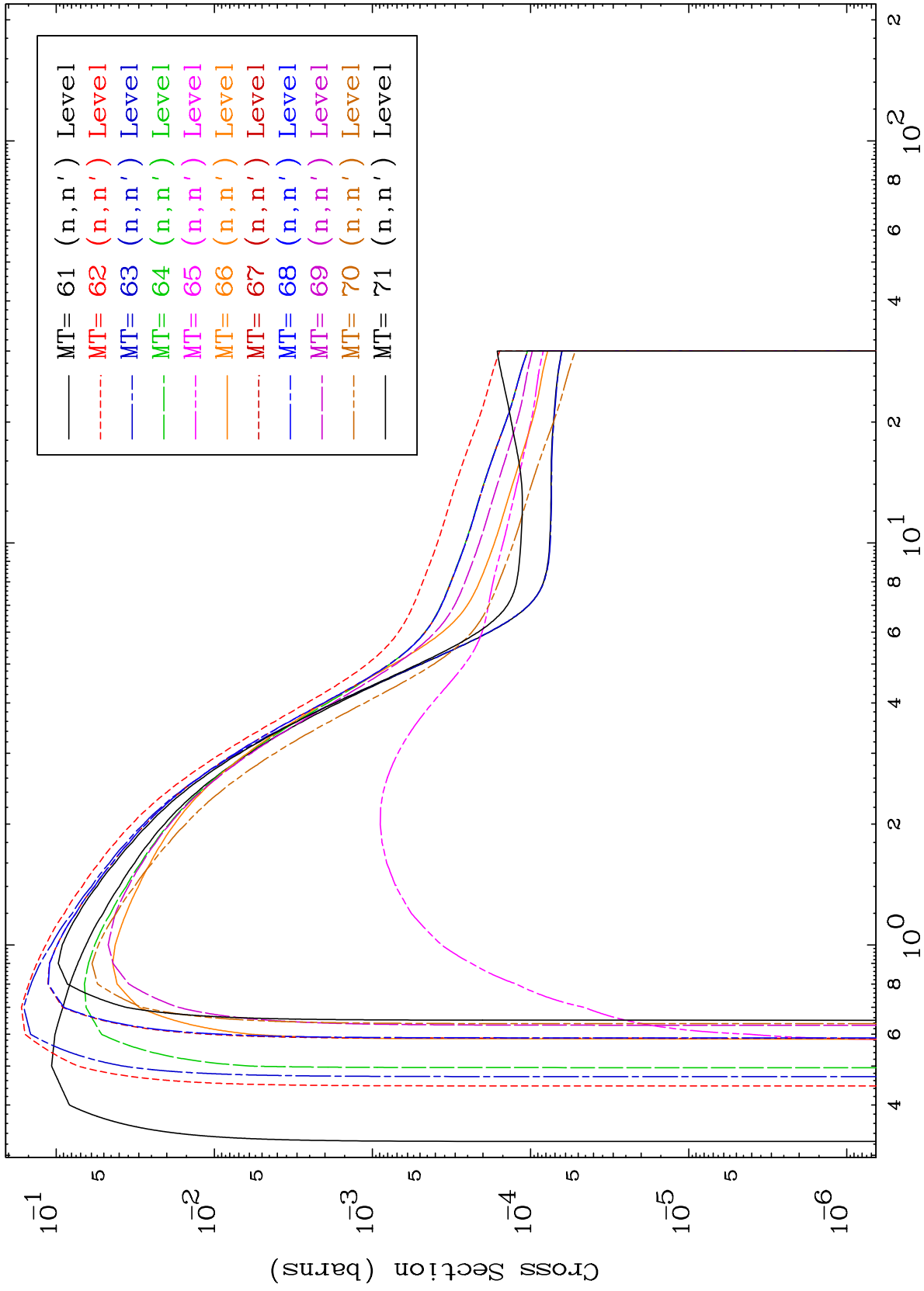


MAT 4452

(n,n') Level

44-Ru-105

293 Kelvin Cross Sections



8

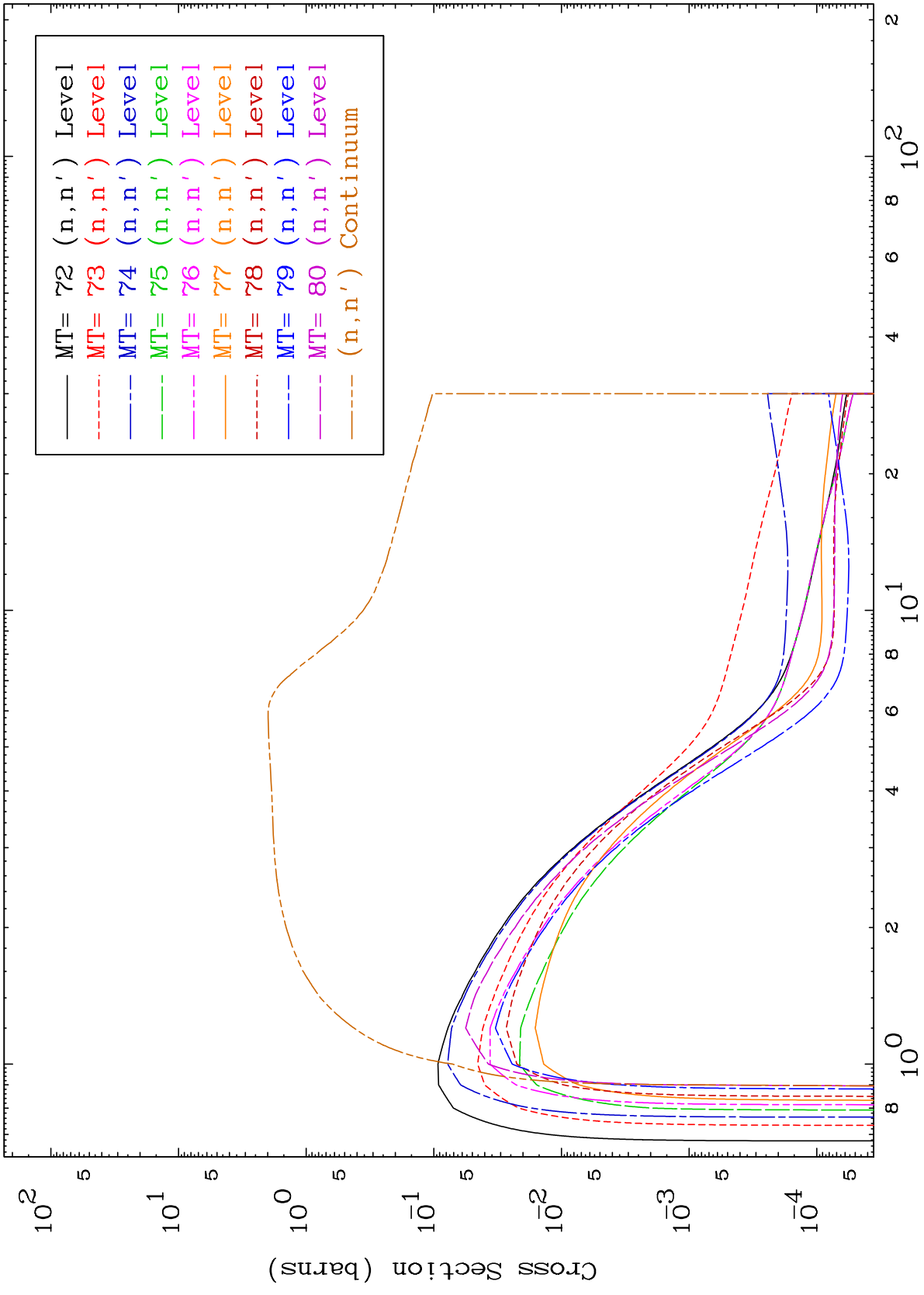
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,n') Level
293 Kelvin Cross Sections

44-Ru-105



9

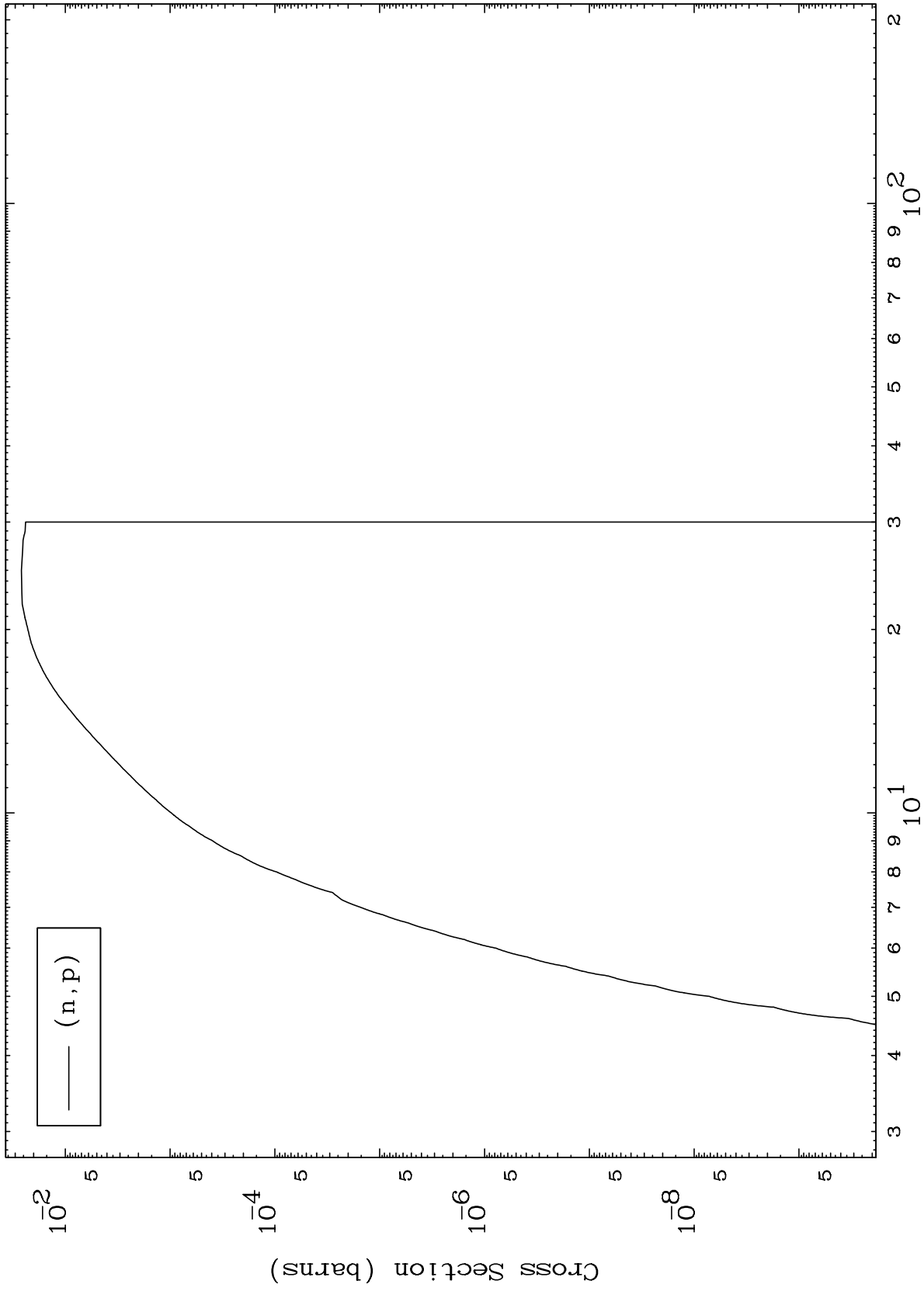
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-105



10

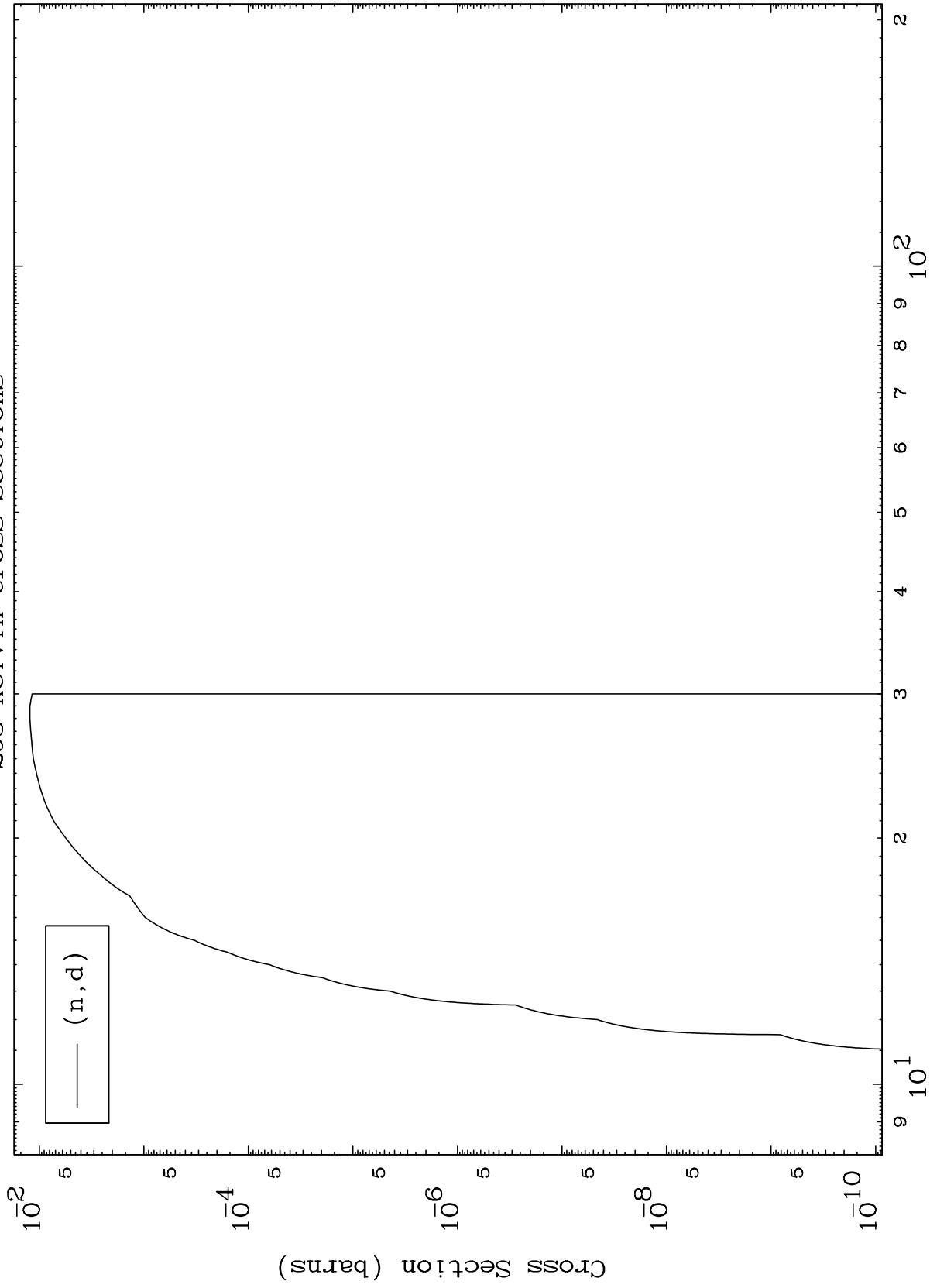
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-105



11

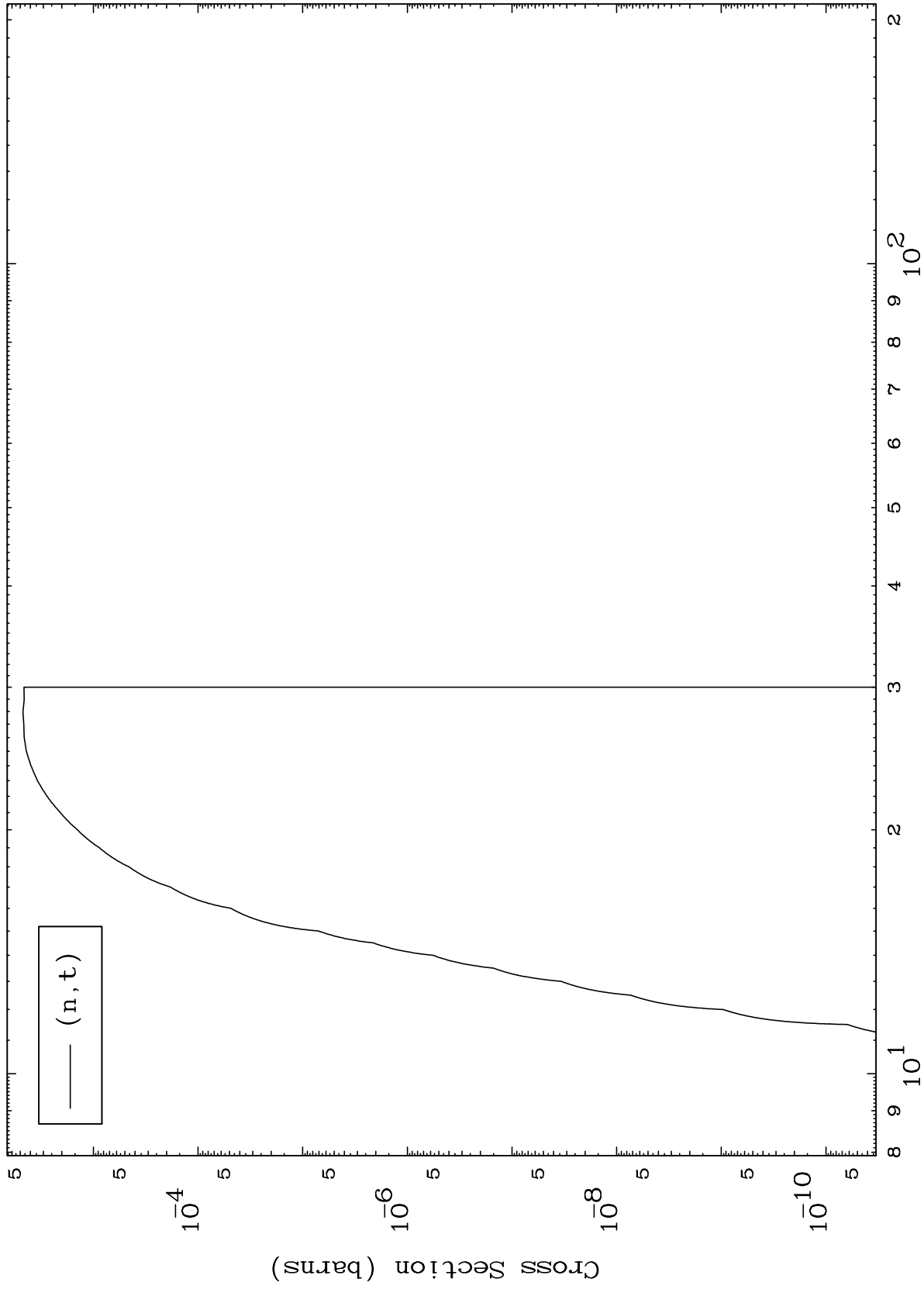
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-105



12

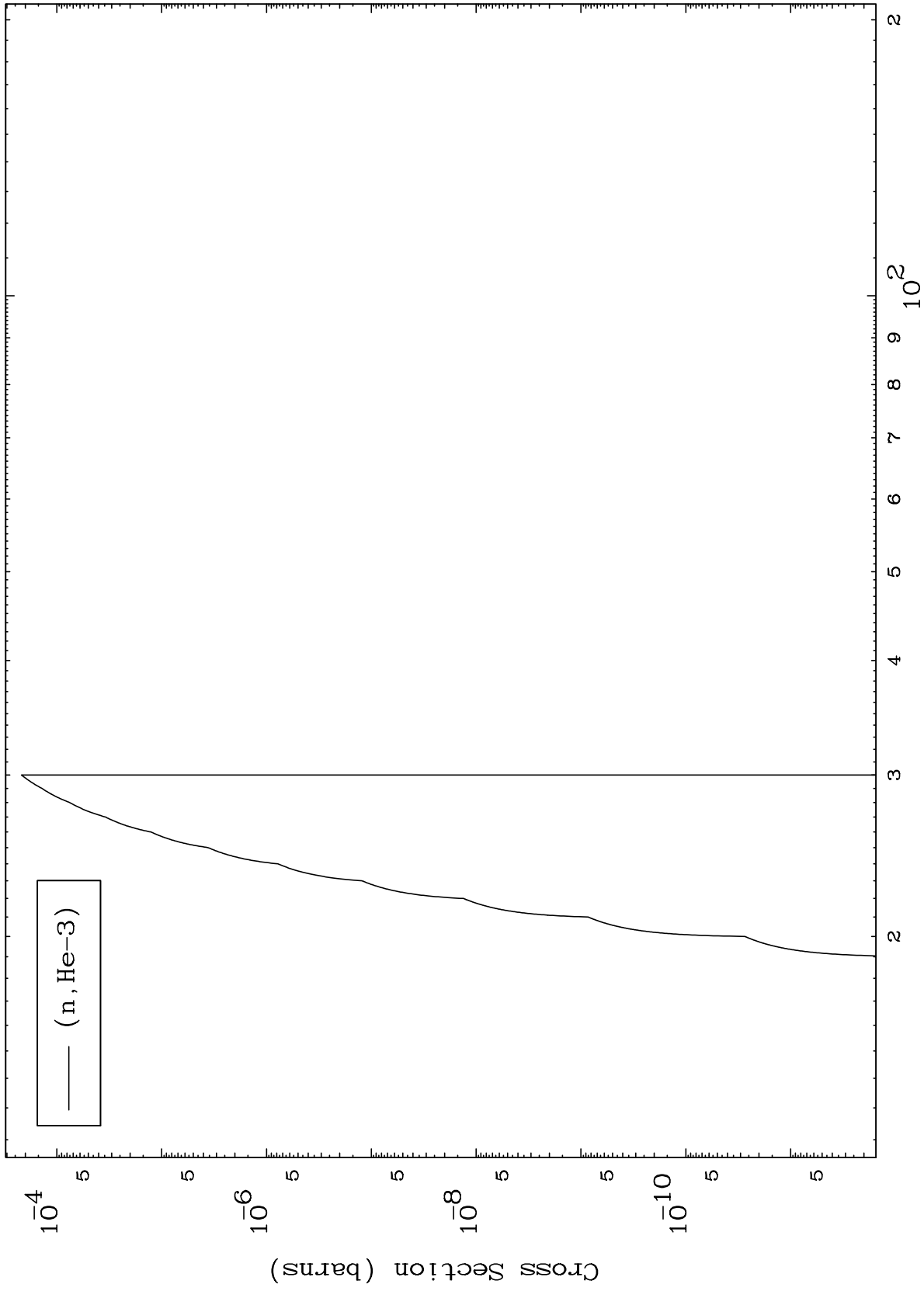
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,He3) Levels
293 Kelvin Cross Sections

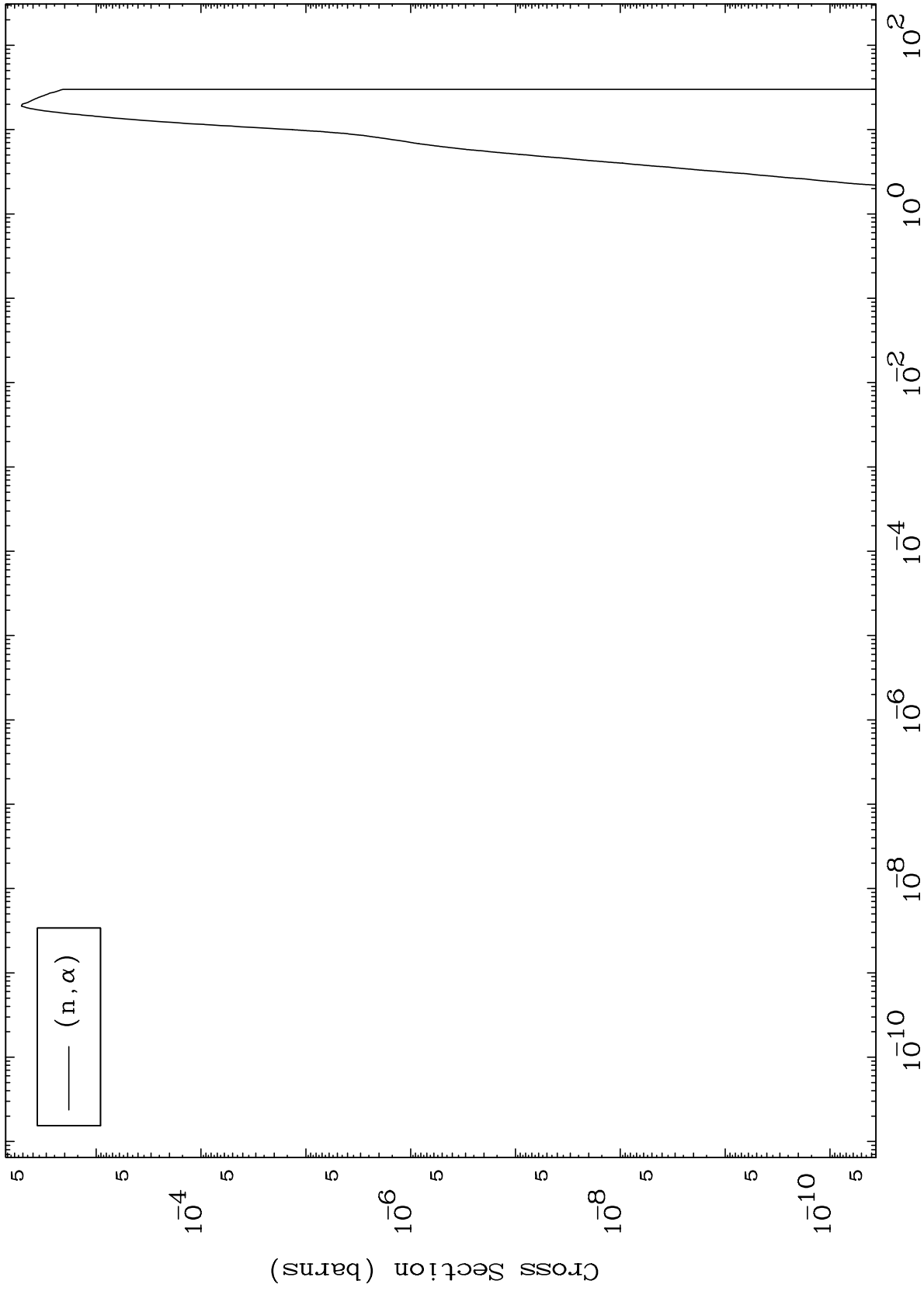
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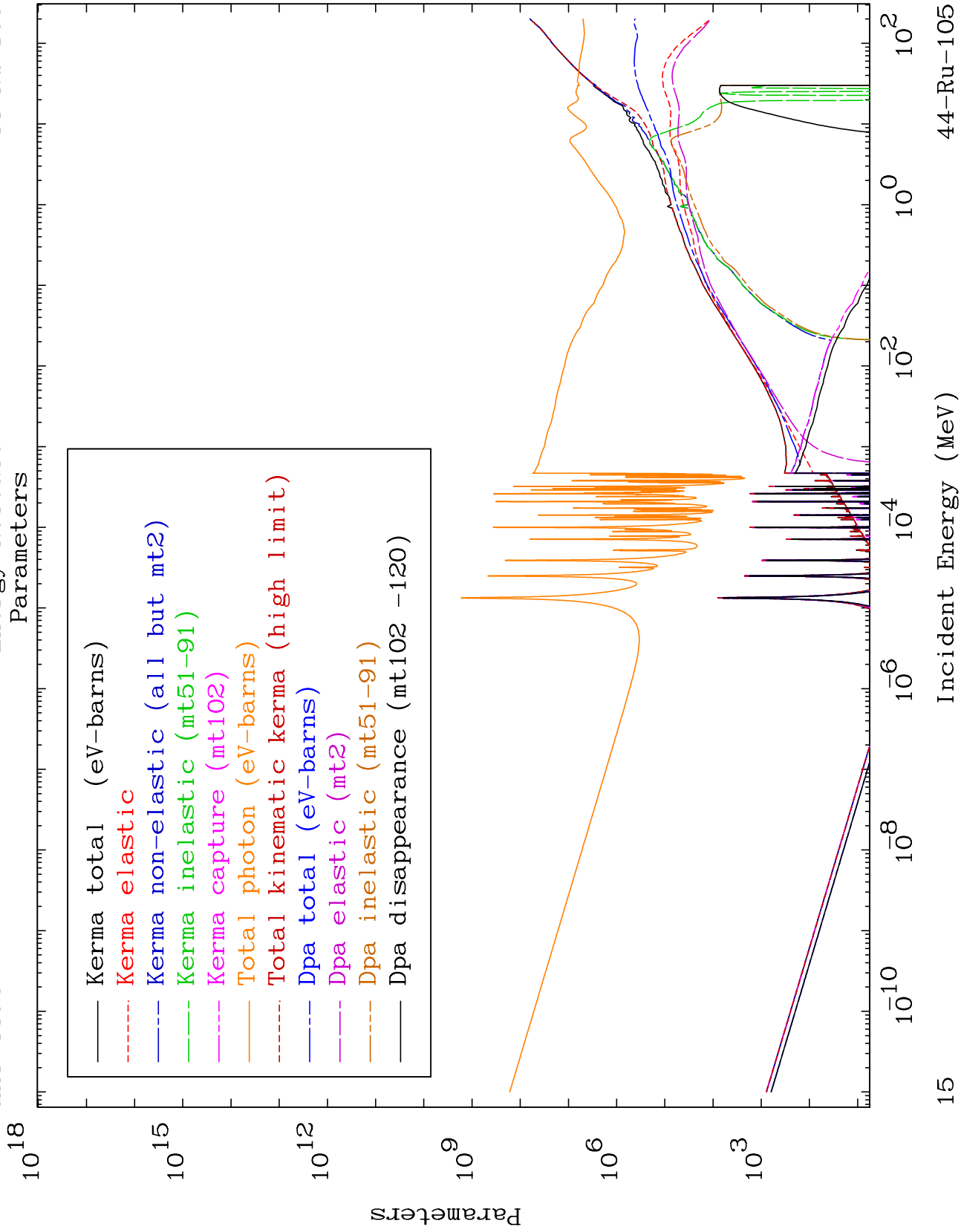


MAT 4452

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-105

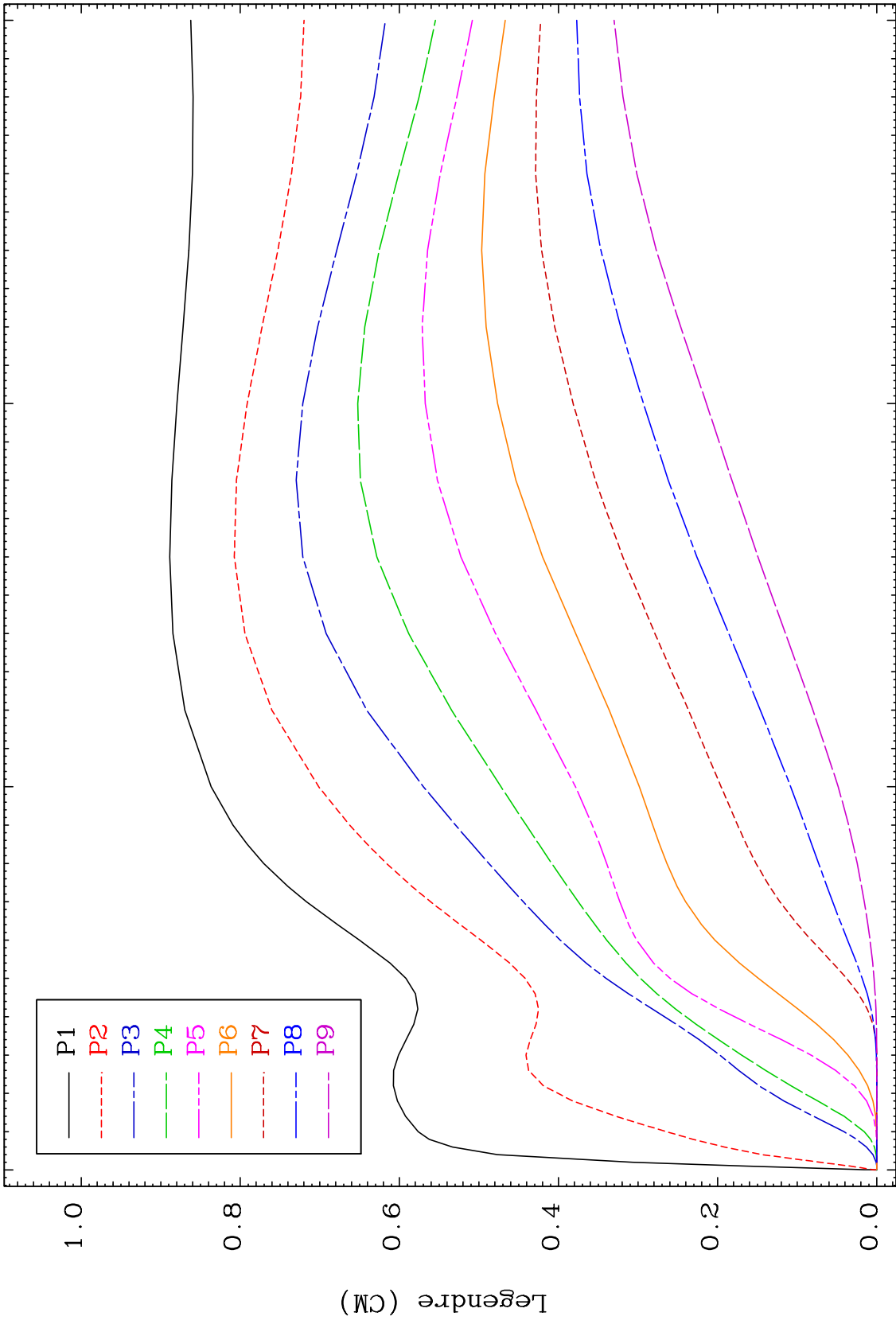




MAT 4452

Elastic Legendre Coefficients

44-Ru-105



16

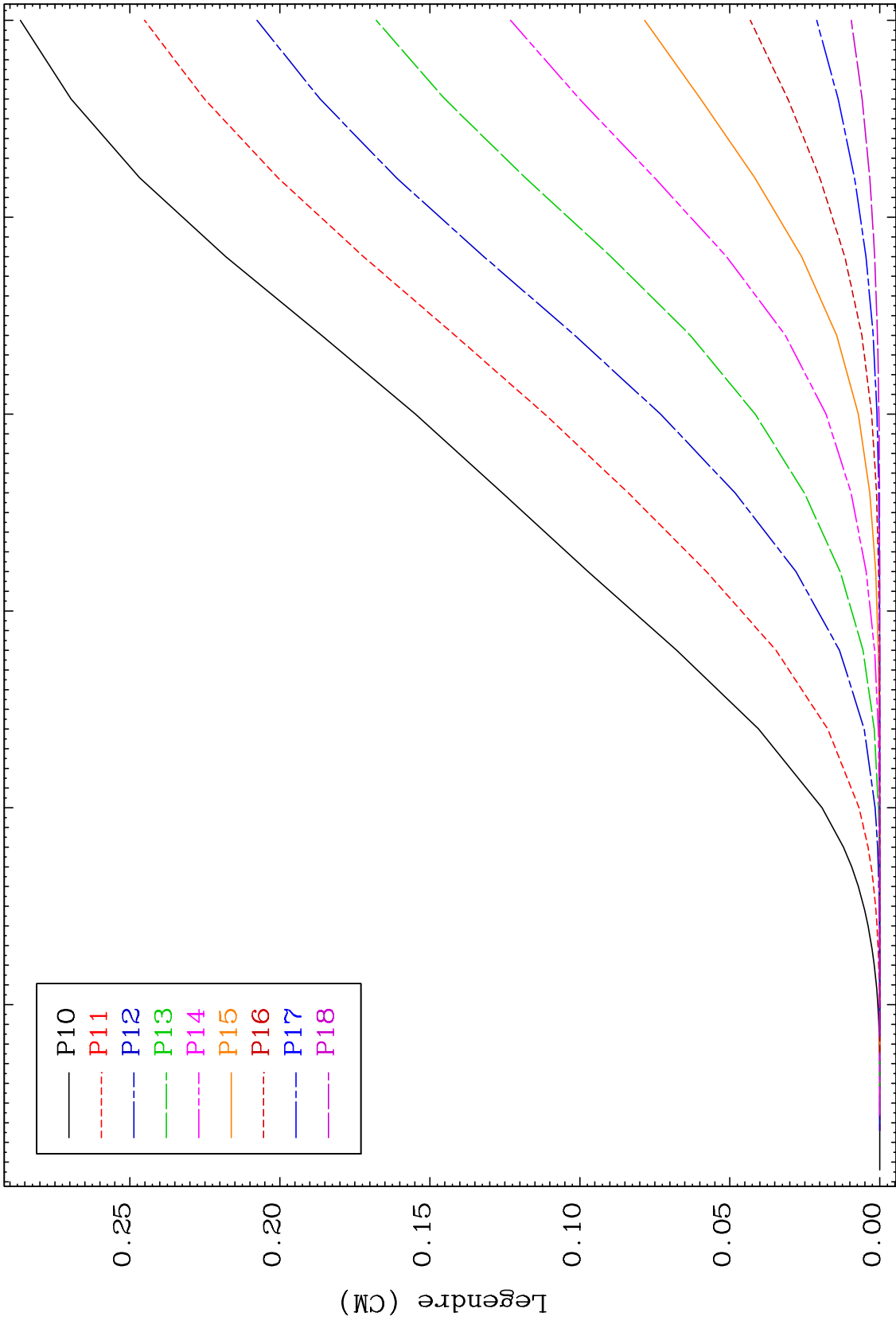
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic Legendre Coefficients

44-Ru-105



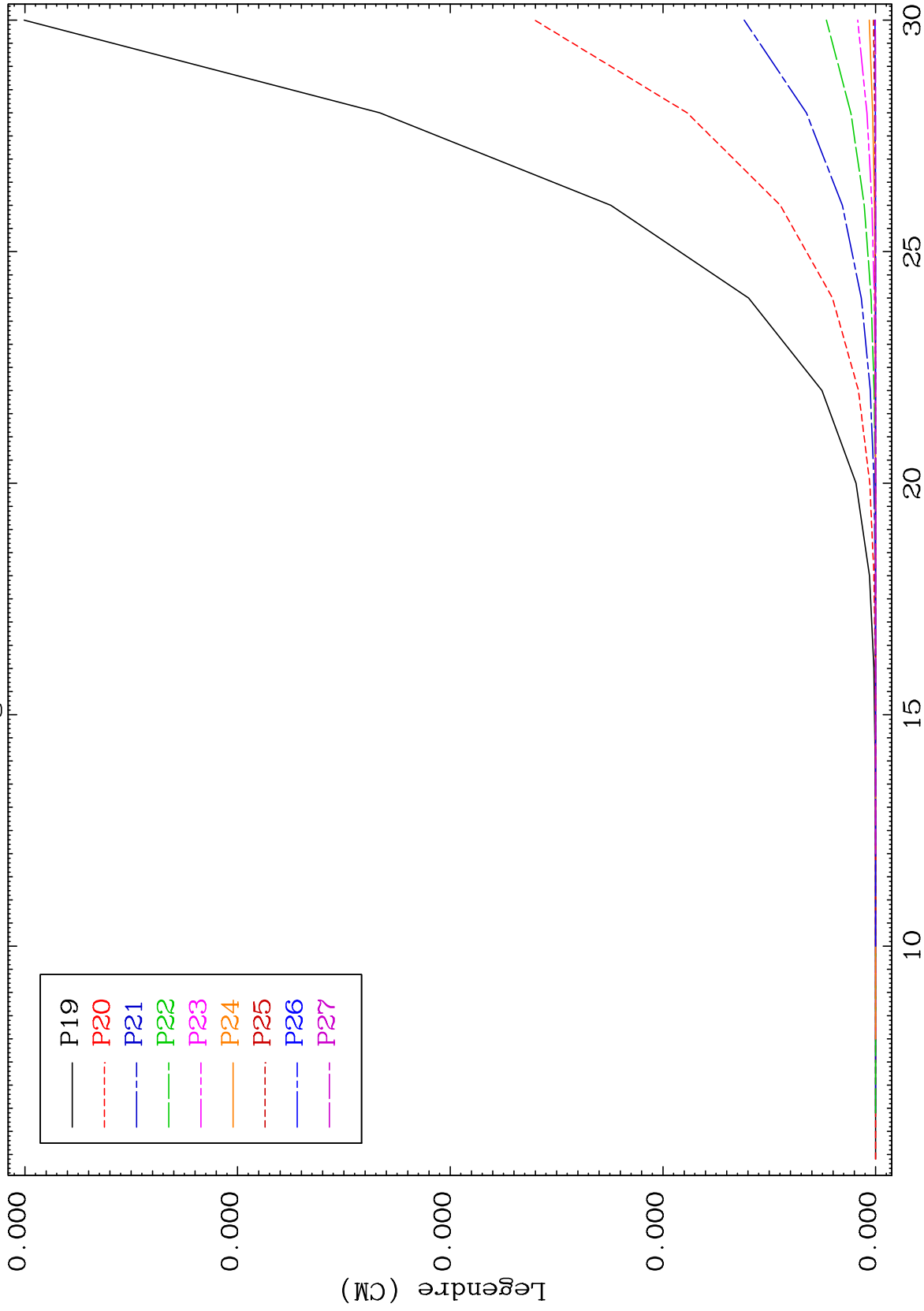
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44-Ru-105

MAT 4452

Elastic Legendre Coefficients

44-Ru-105



18

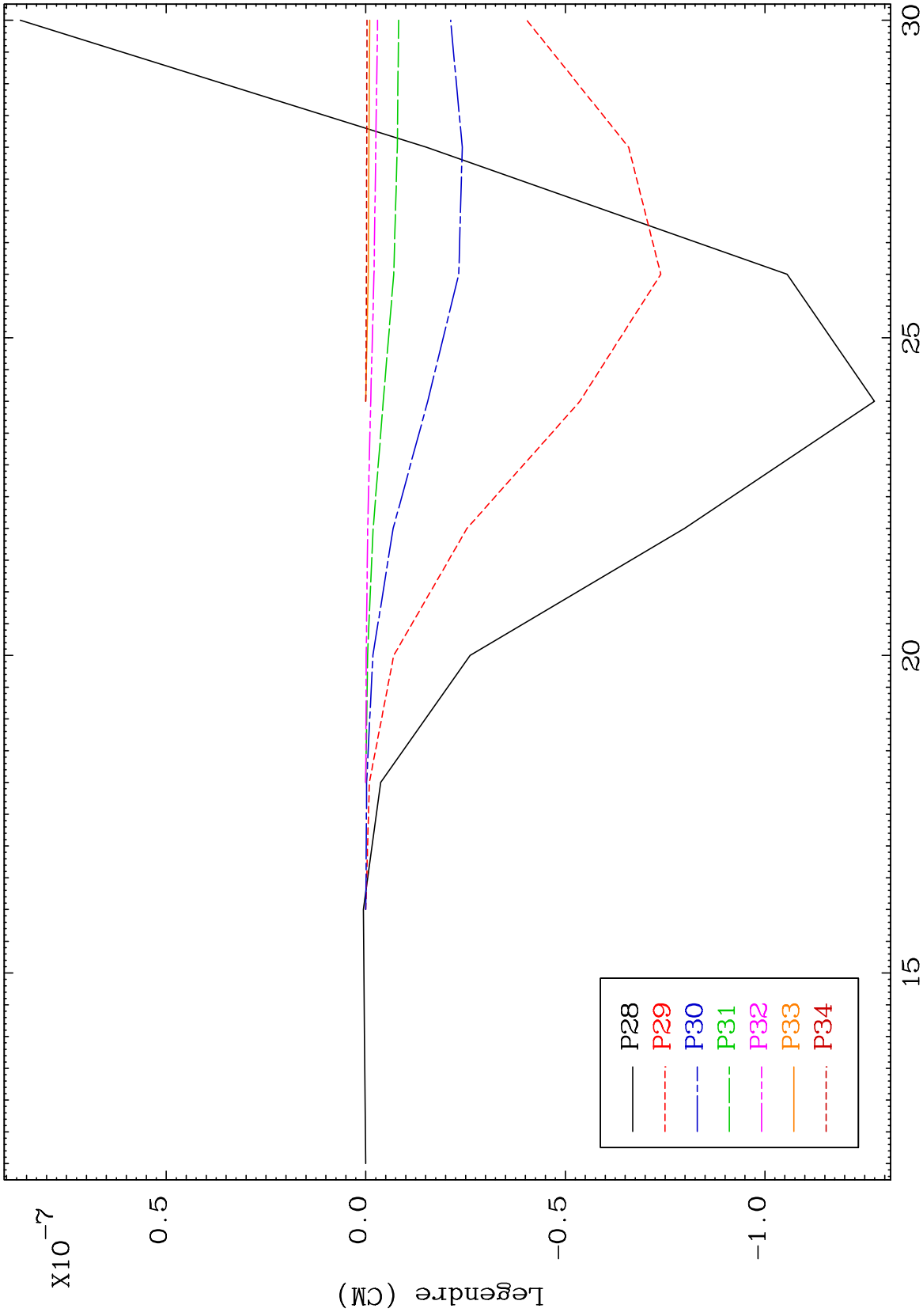
Incident Energy (MeV)

44-Ru-105

MAT 4452

Elastic Legendre Coefficients

44-Ru-105



19

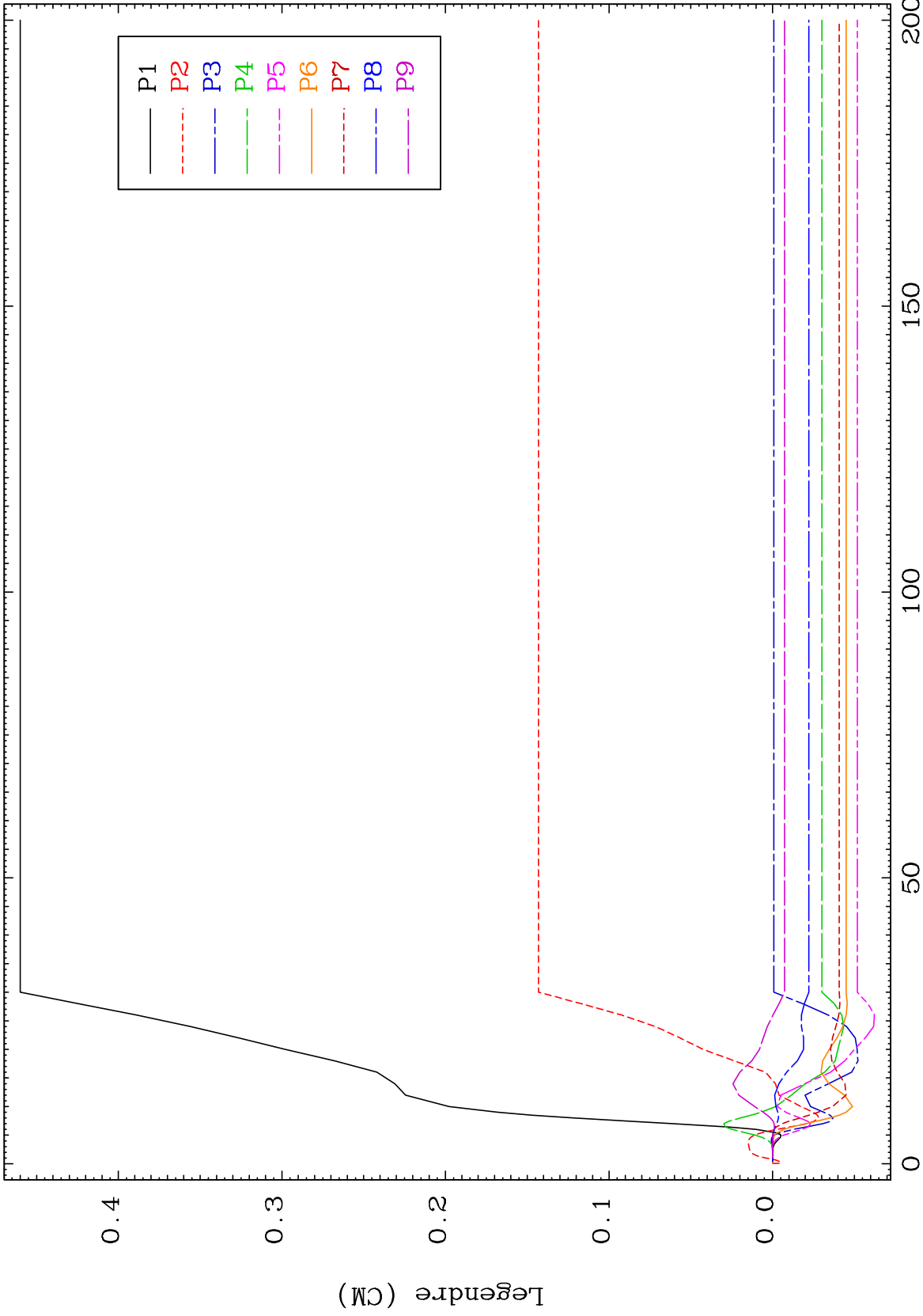
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

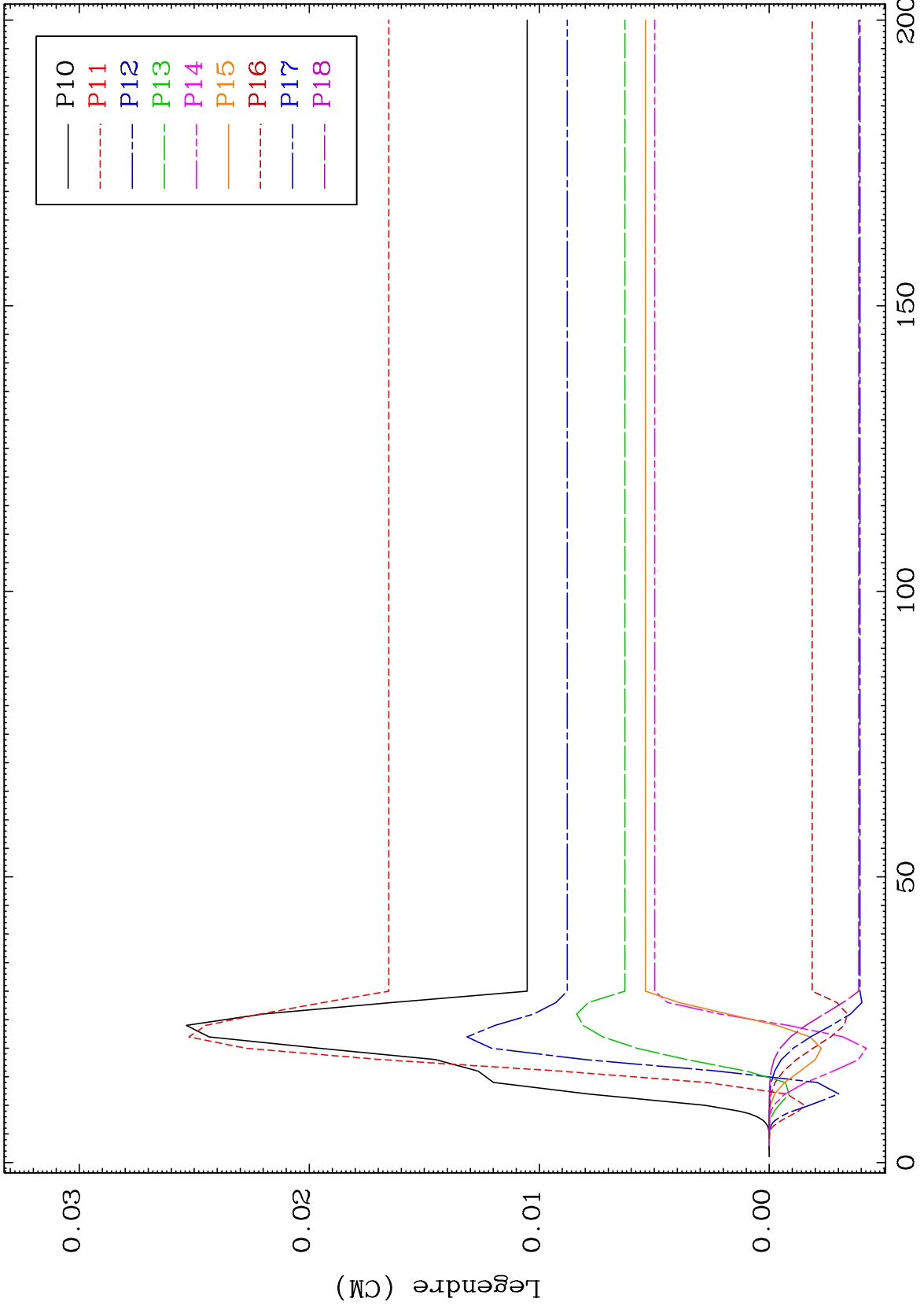
Incident Energy (MeV)

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MAT 4452

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

44-Ru-105



21

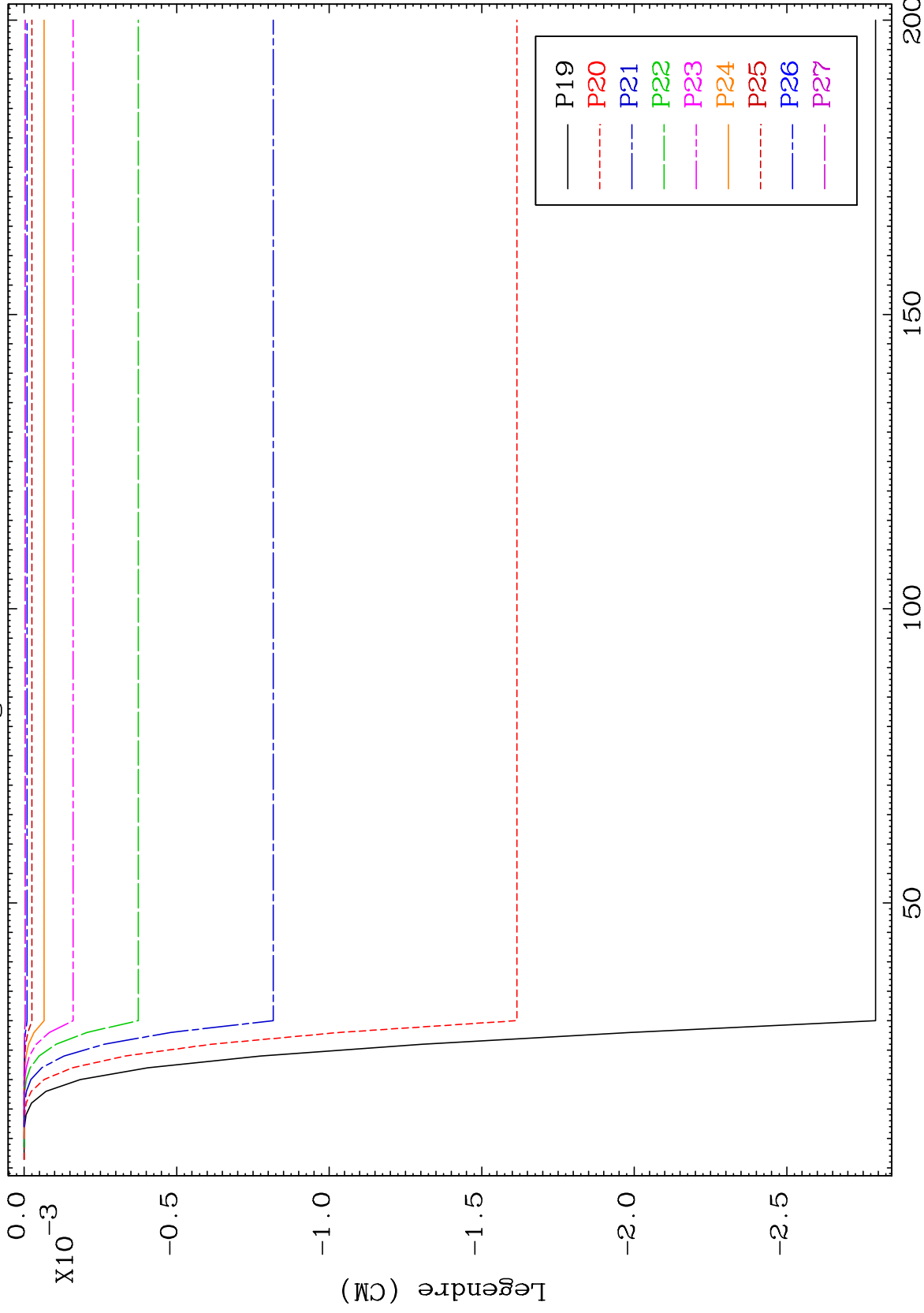
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

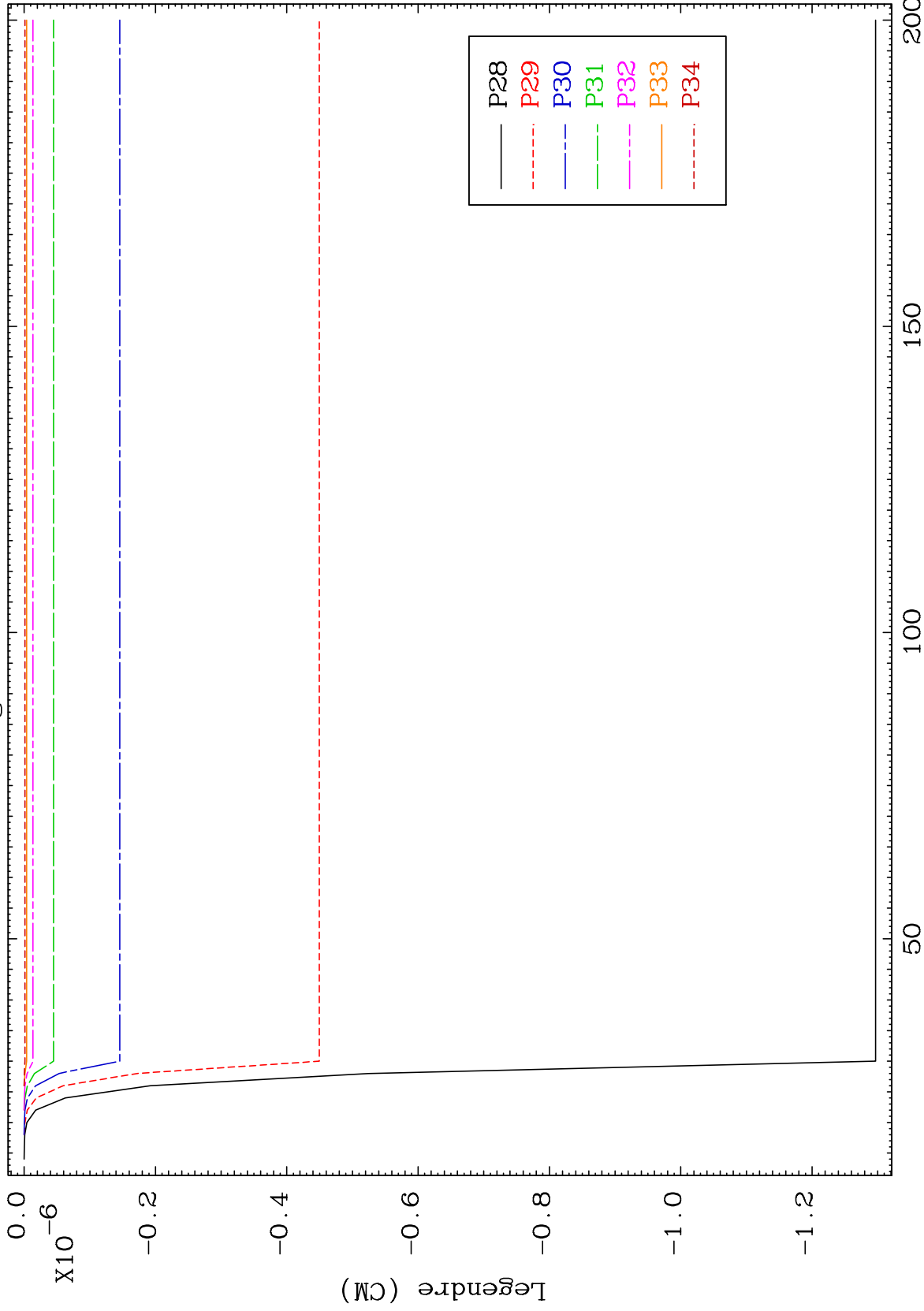
Incident Energy (MeV)

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MAT 4452

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

44-Ru-105



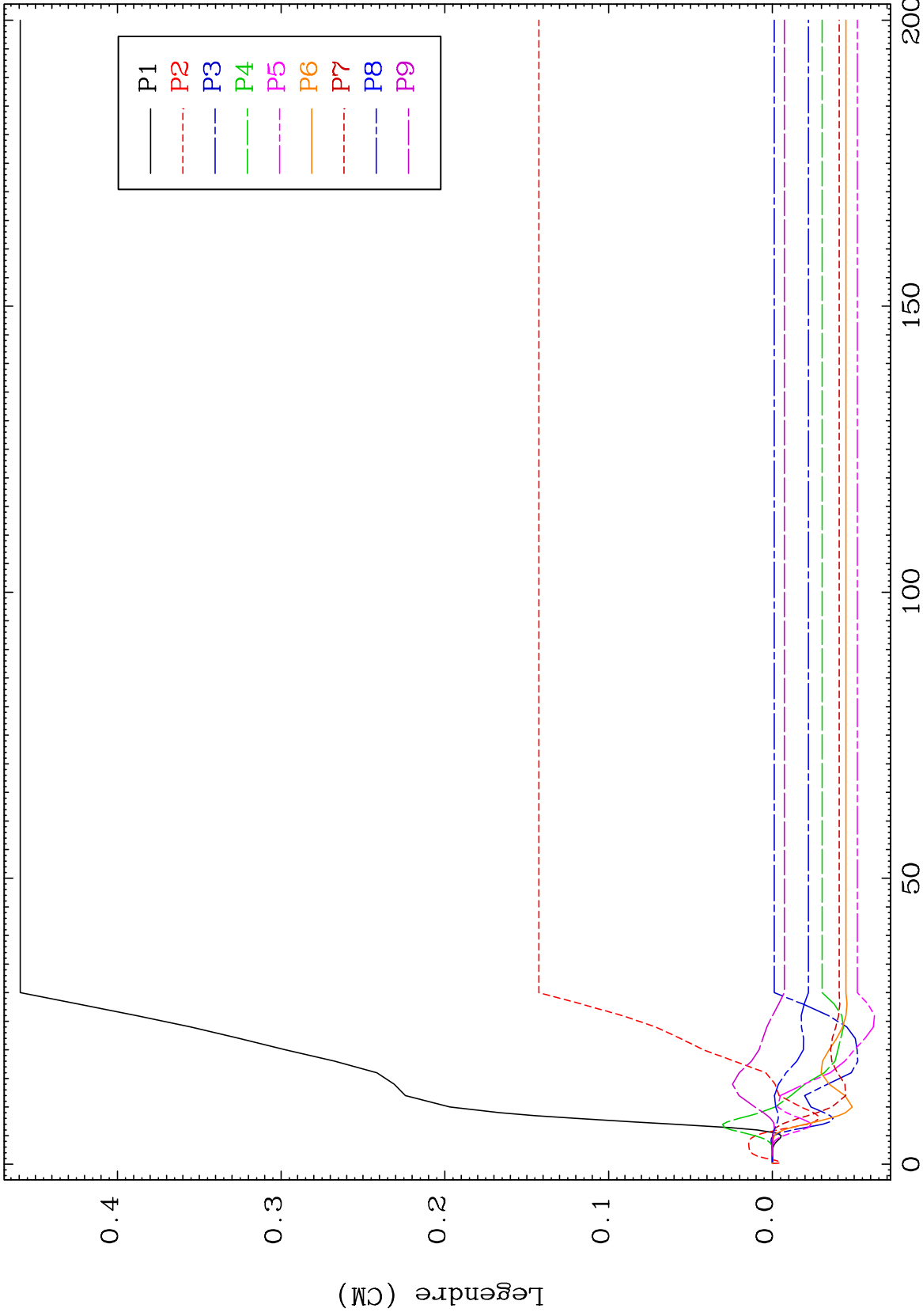
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44-Ru-105

MAT 4452

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

44-Ru-105



24

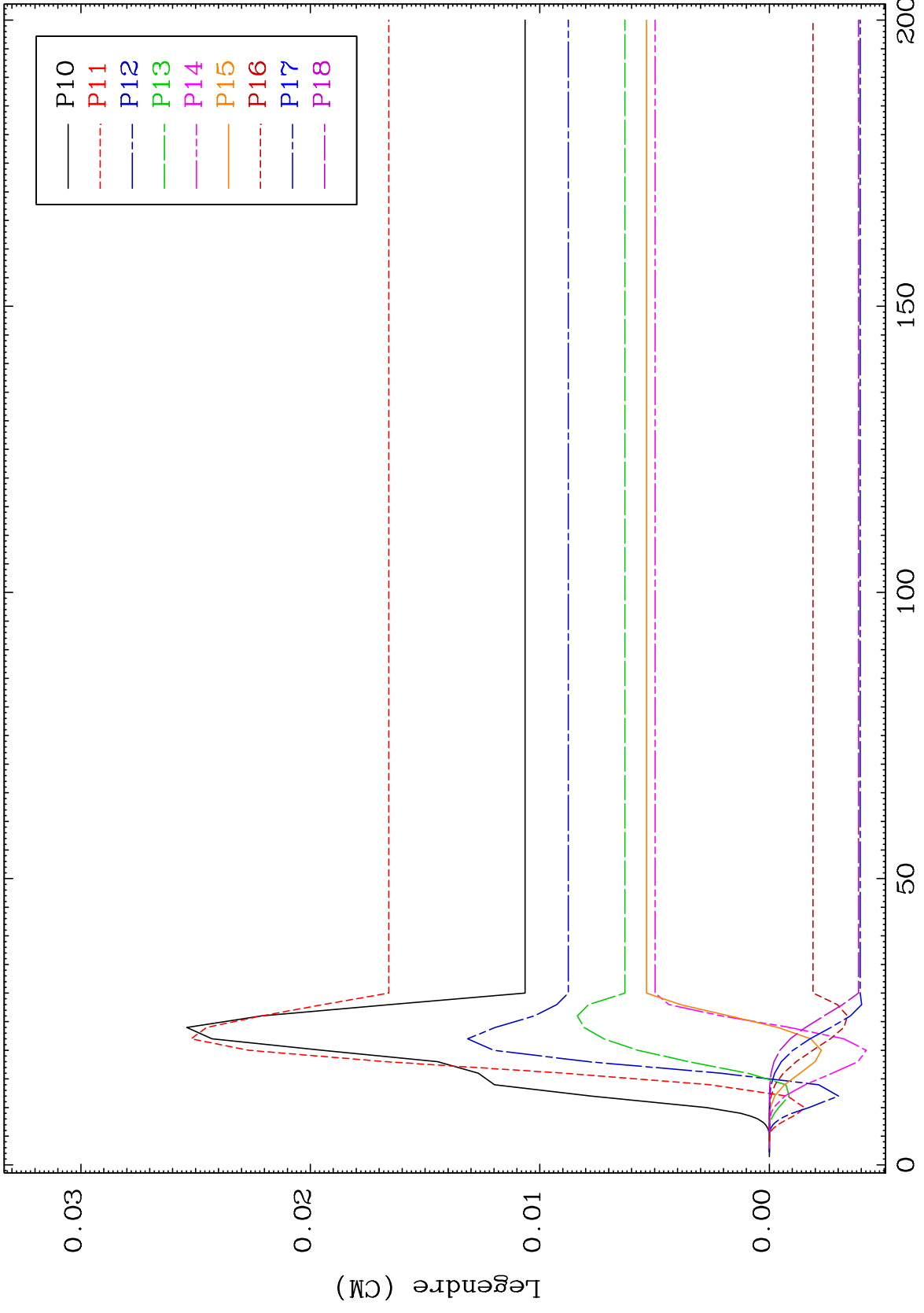
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



25

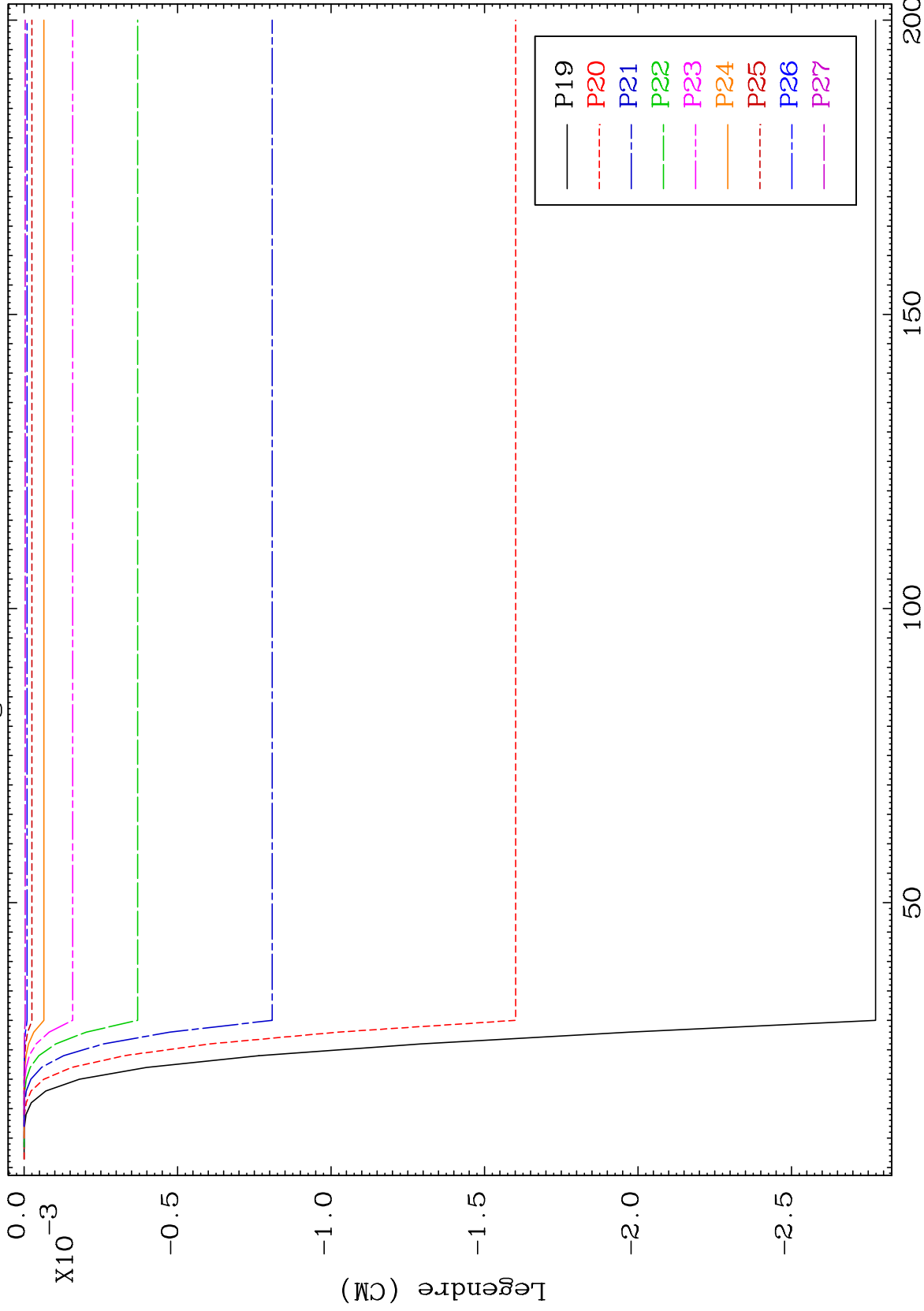
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



26

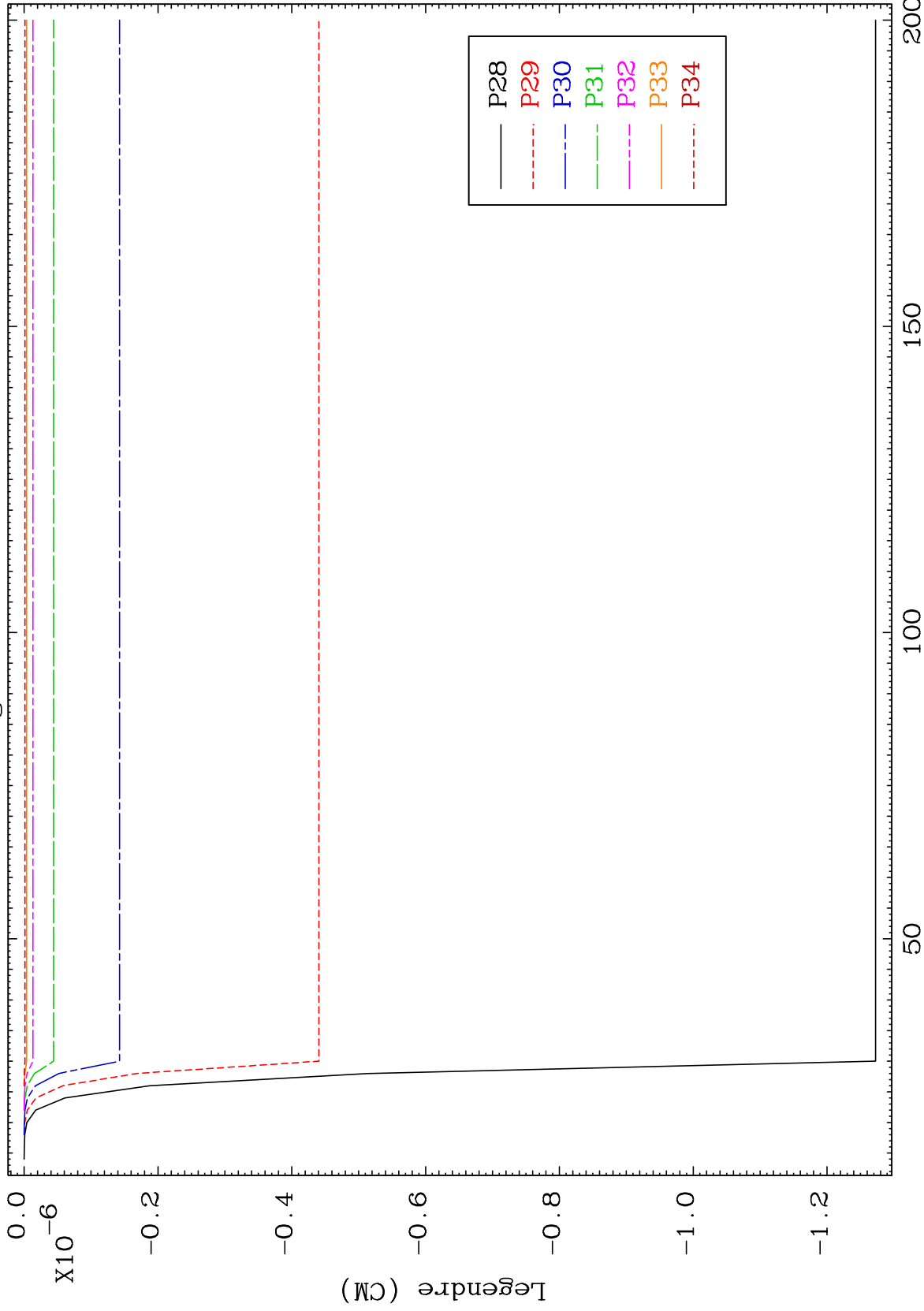
Incident Energy (MeV)

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MAT 4452

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

44-Ru-105



44-Ru-105

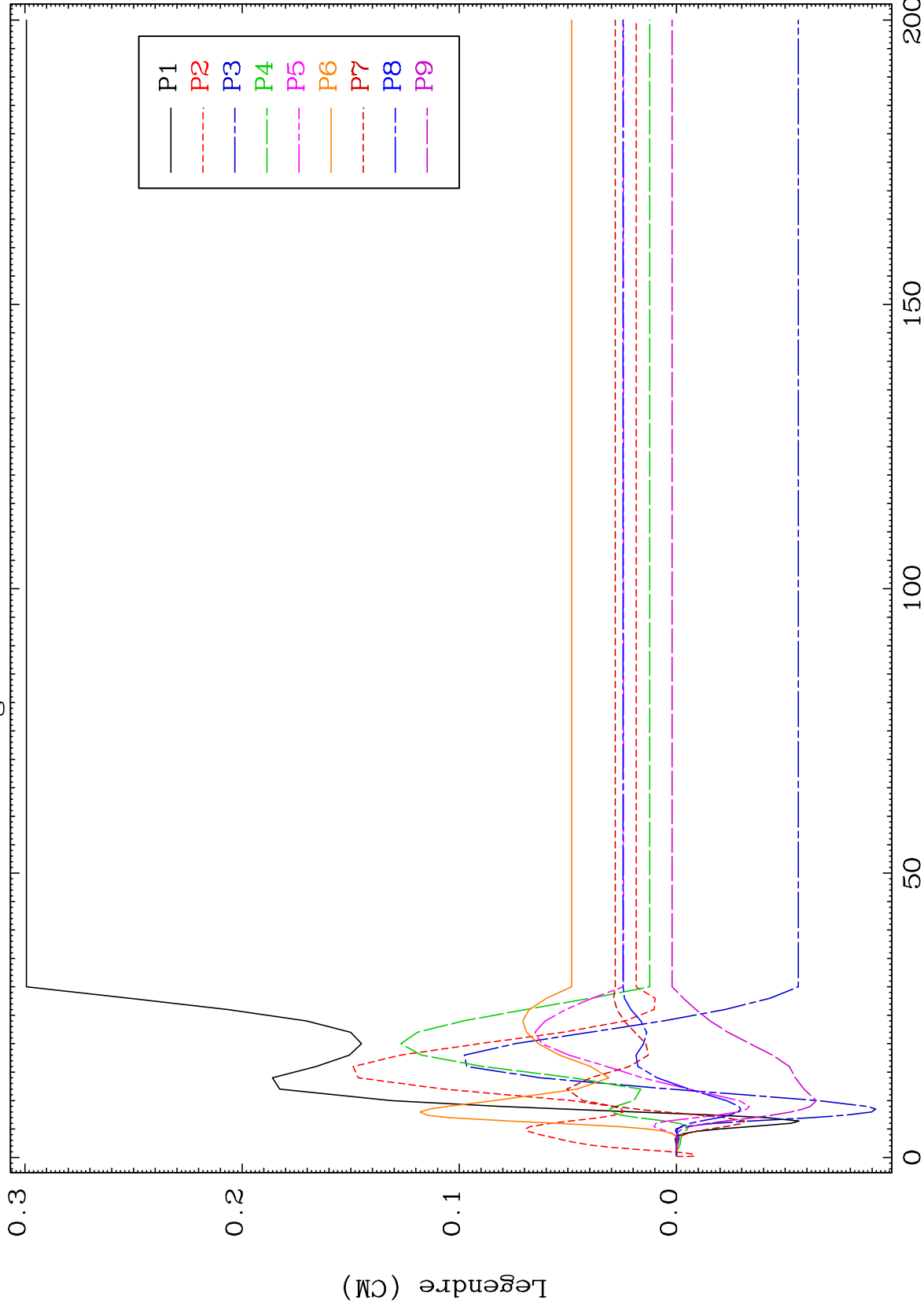
Incident Energy (MeV)

27

MAT 4452

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

44-Ru-105



28

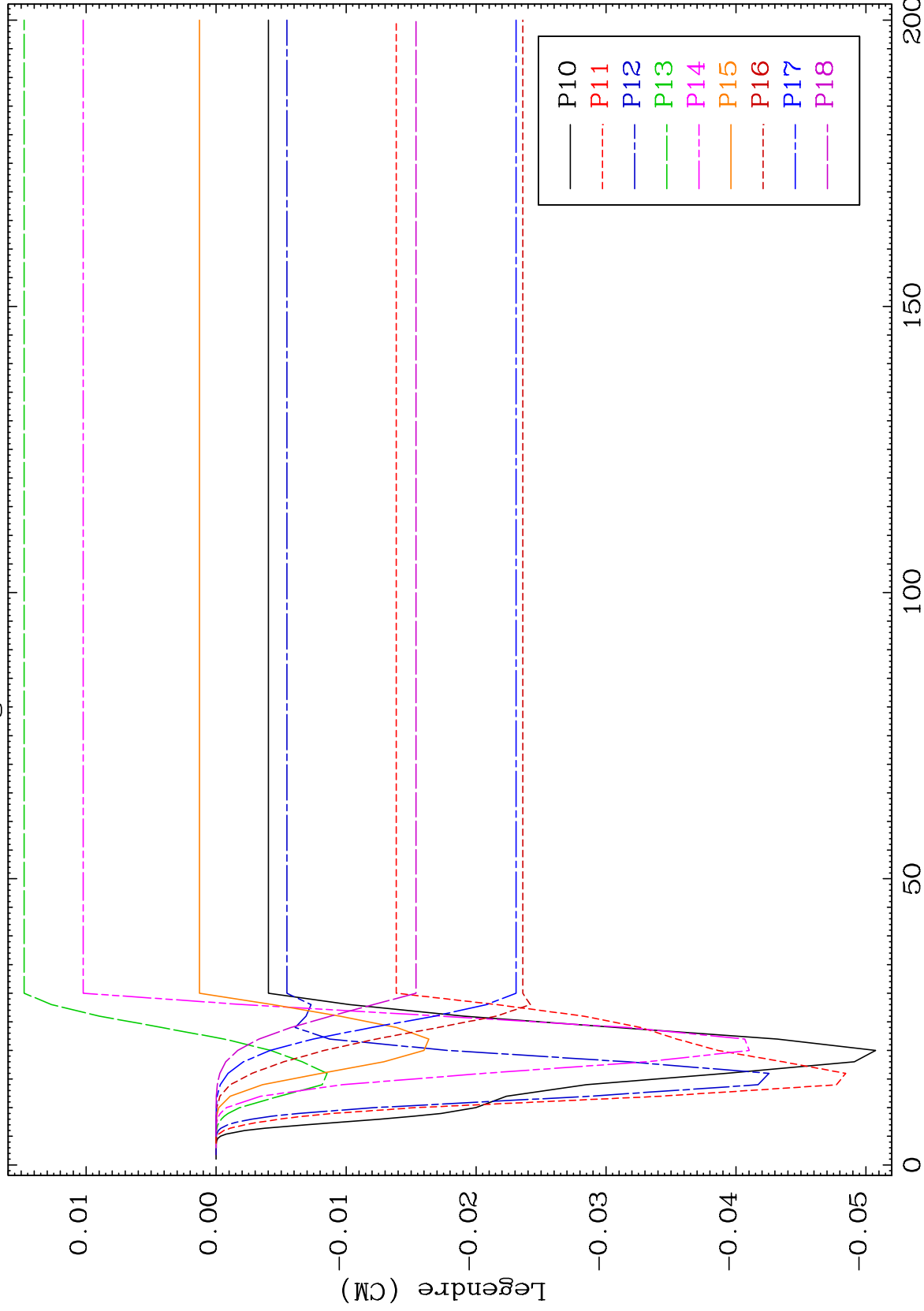
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

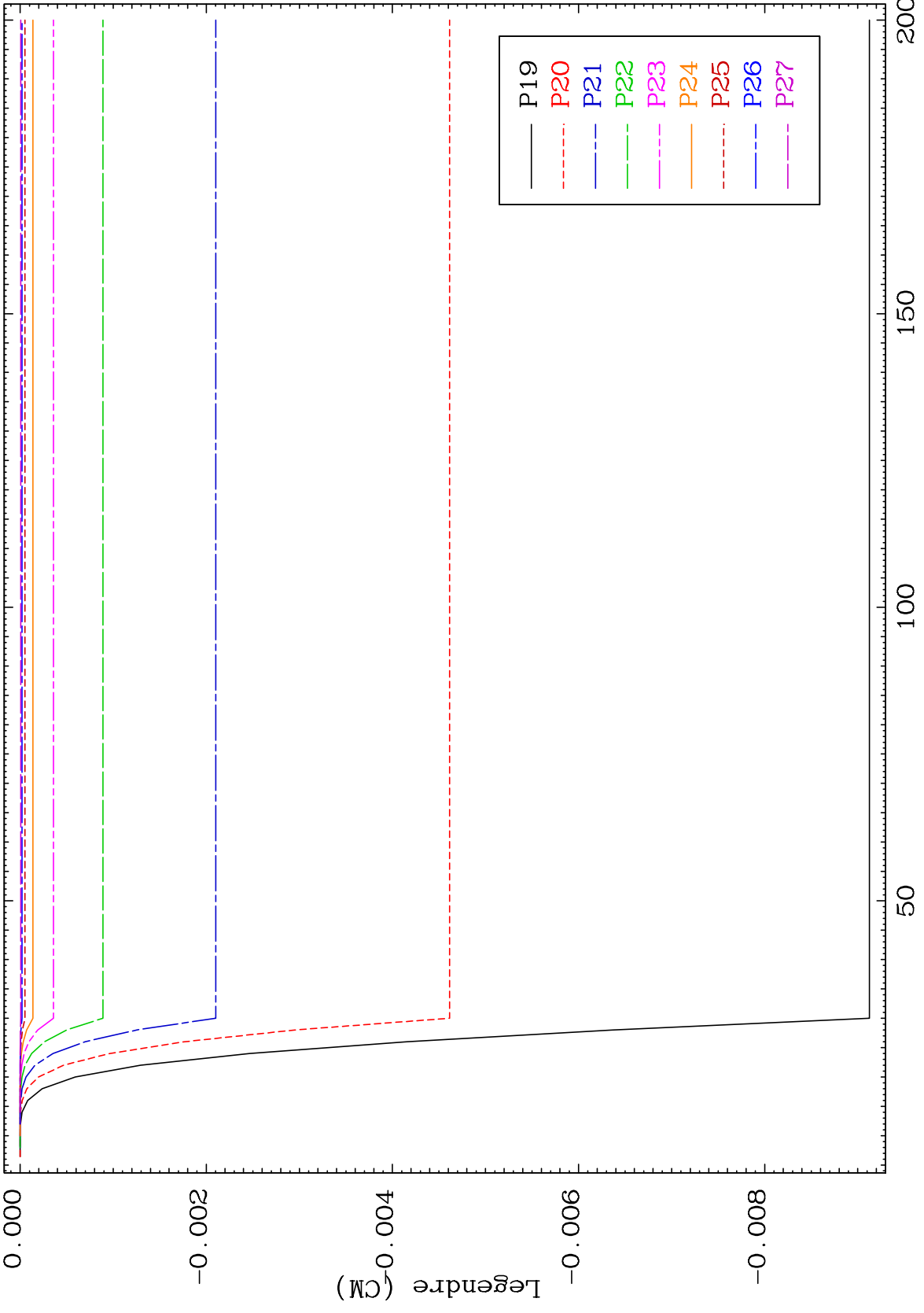


29

Incident Energy (MeV)

44-Ru-105

MAT 4452 MT= 53 (n,n') Level Legendre Coefficients 44-Ru-105

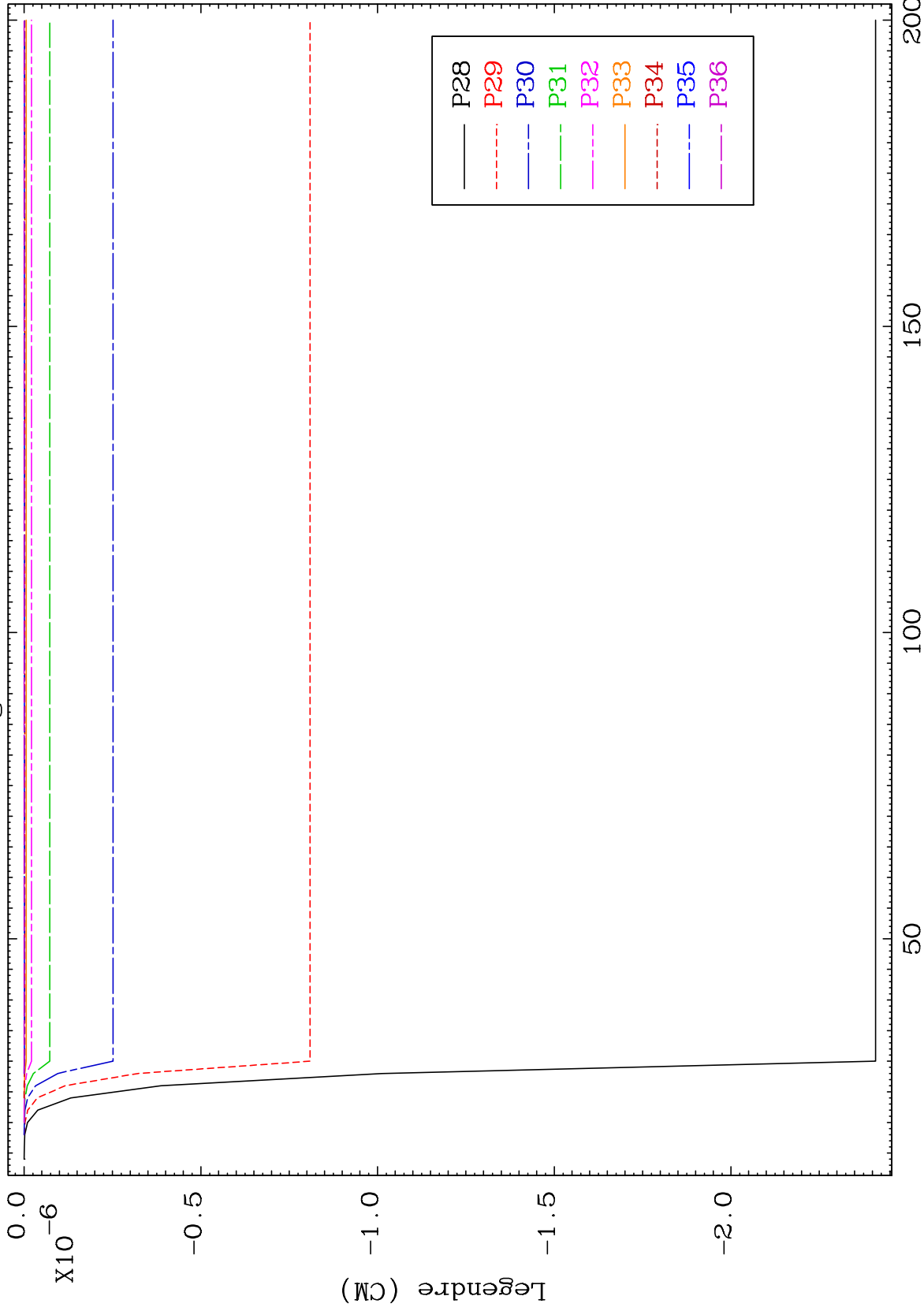


30 Incident Energy (MeV) 44-Ru-105

MAT 4452

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

44-Ru-105



31

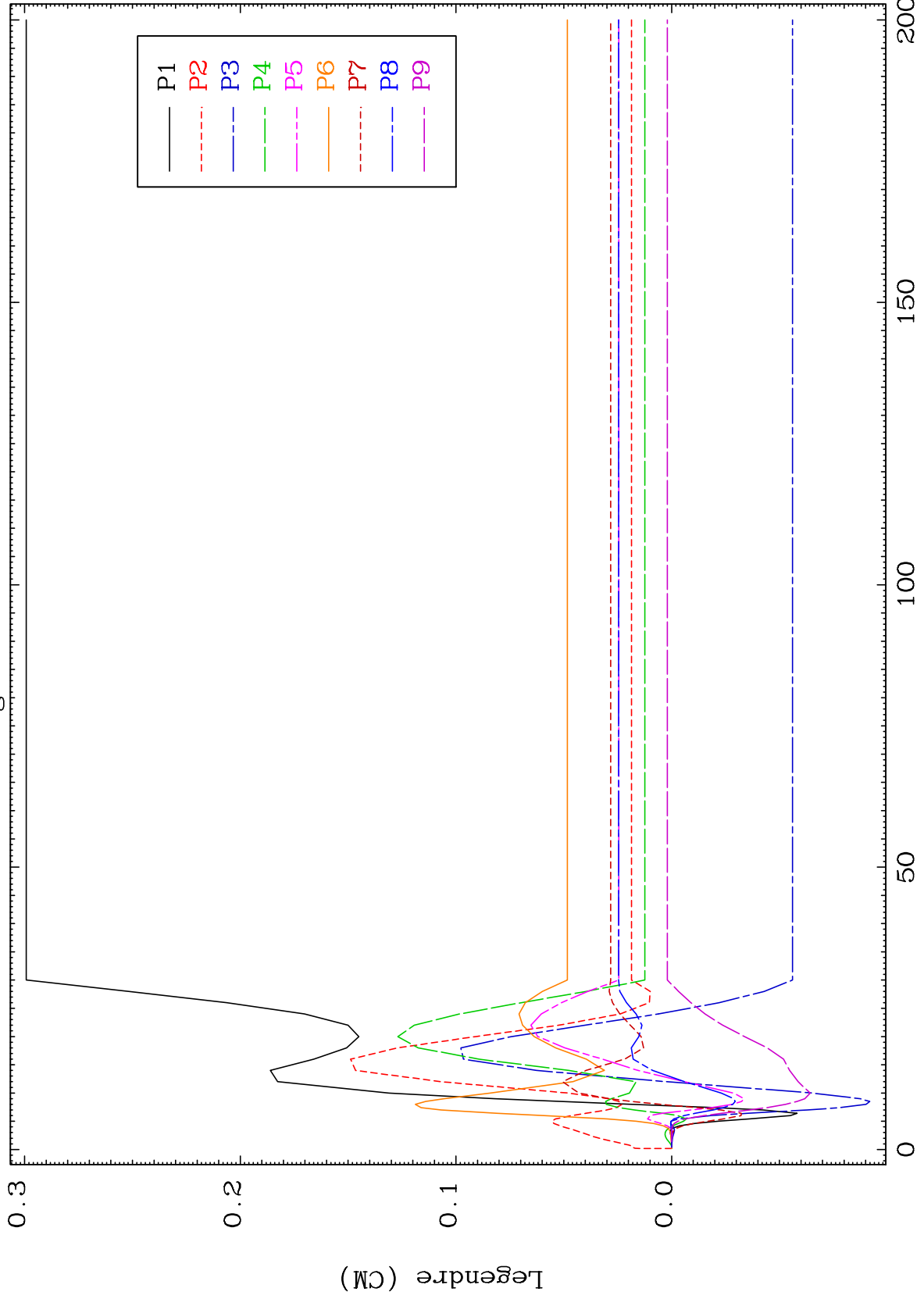
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



32

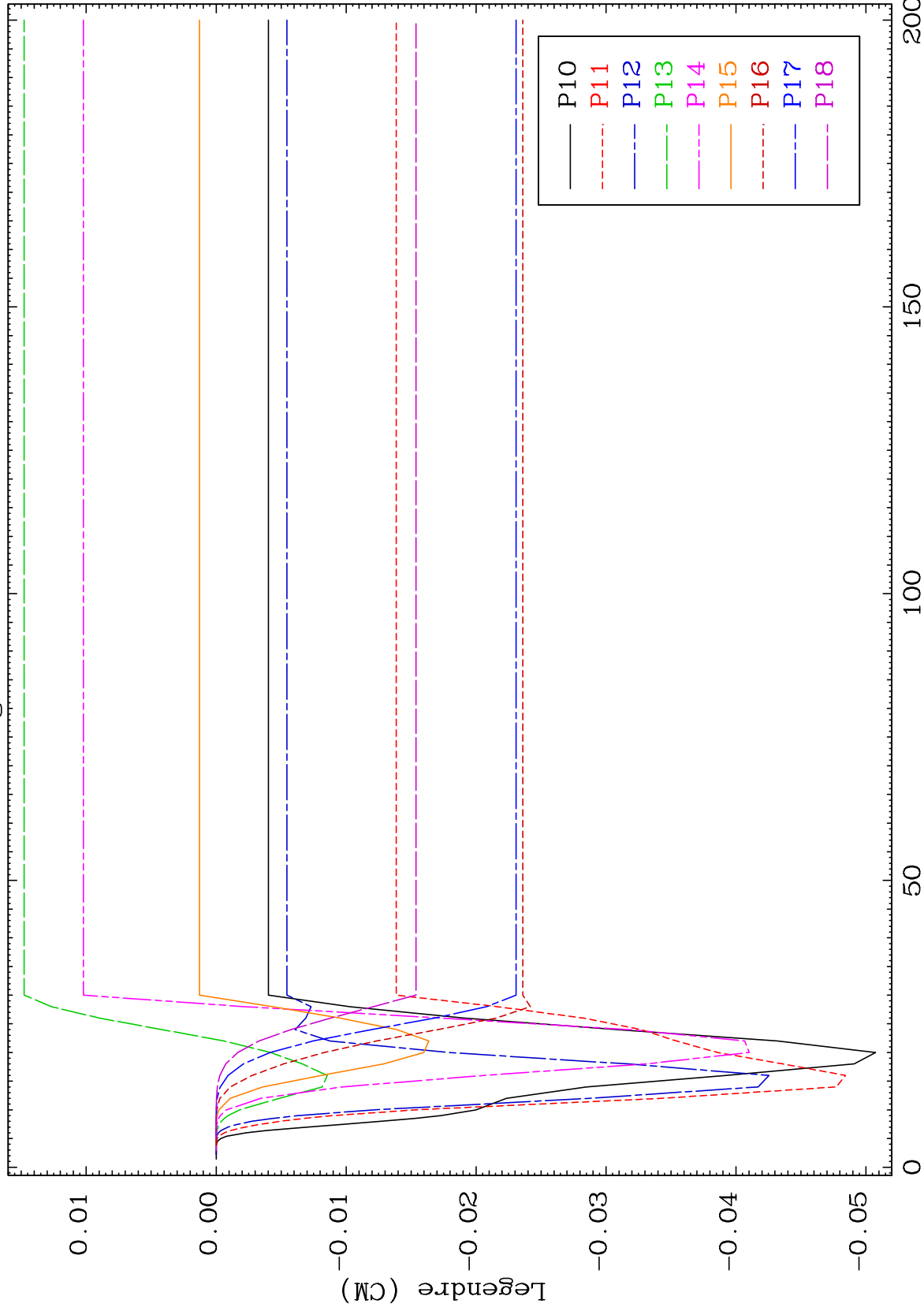
Incident Energy (MeV)

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MAT 4452

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

44-Ru-105

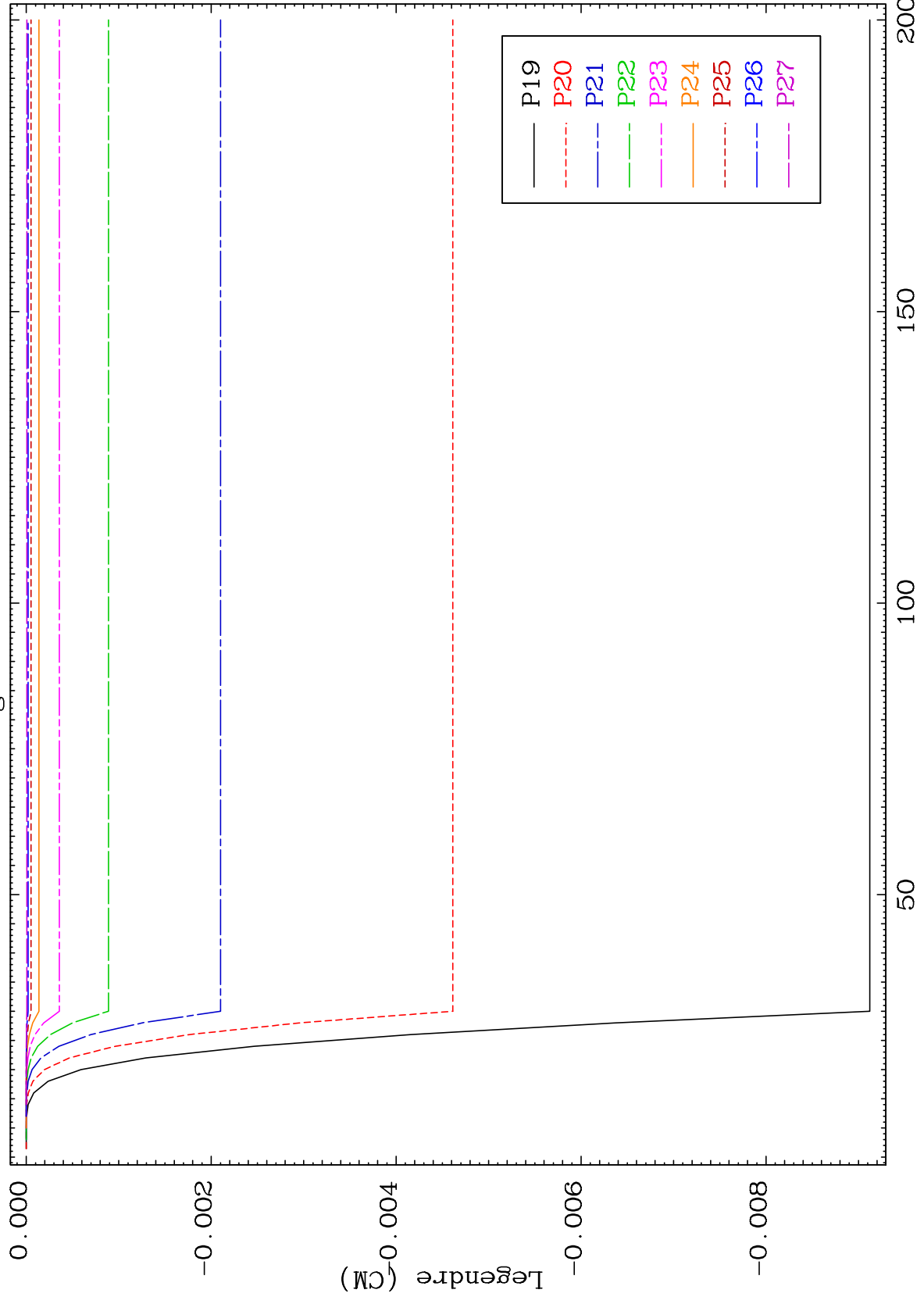


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Incident Energy (MeV)

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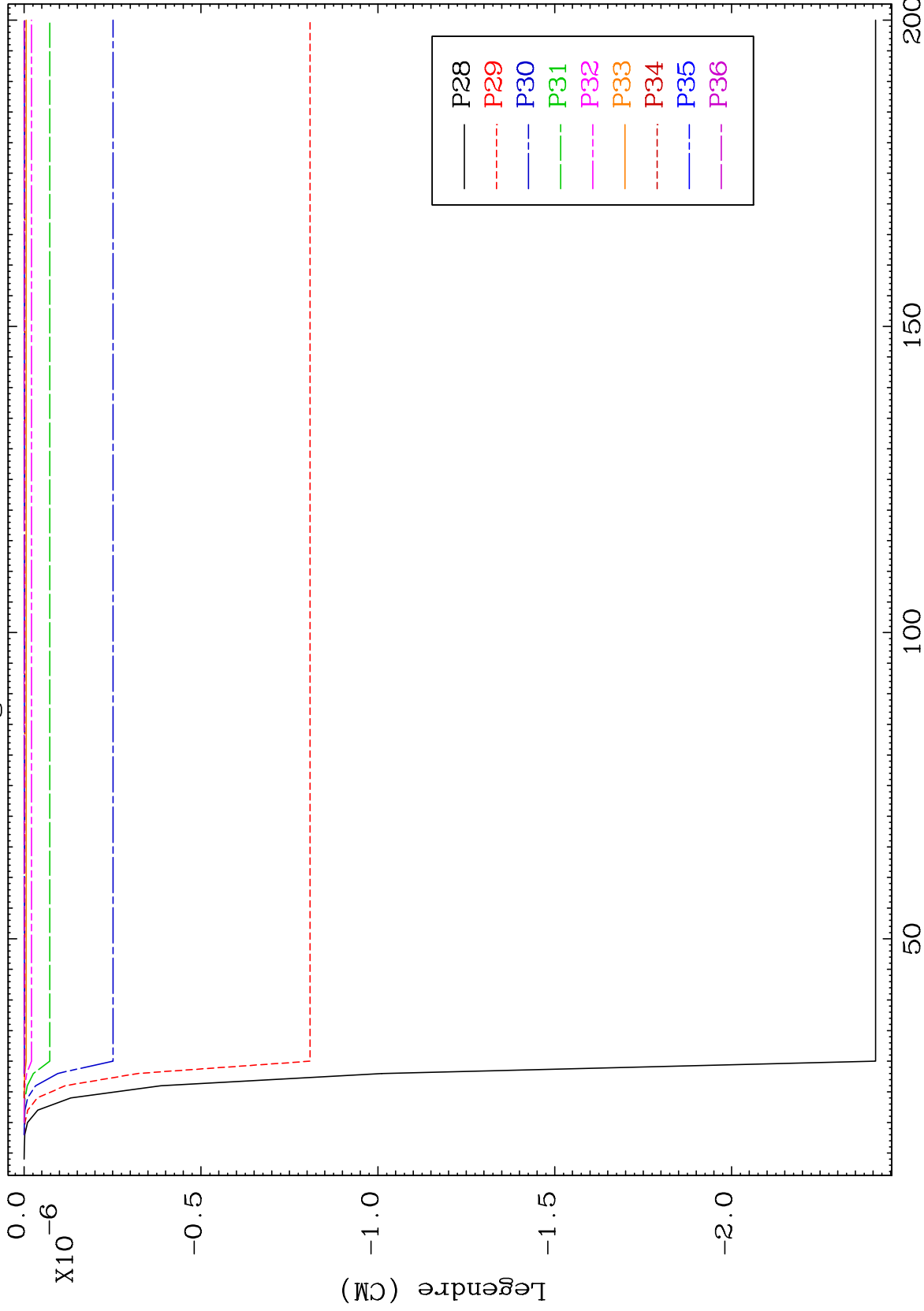
MAT 4452 MT= 54 (n,n') Level Legendre Coefficients 44-Ru-105



MAT 4452

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

44-Ru-105



35

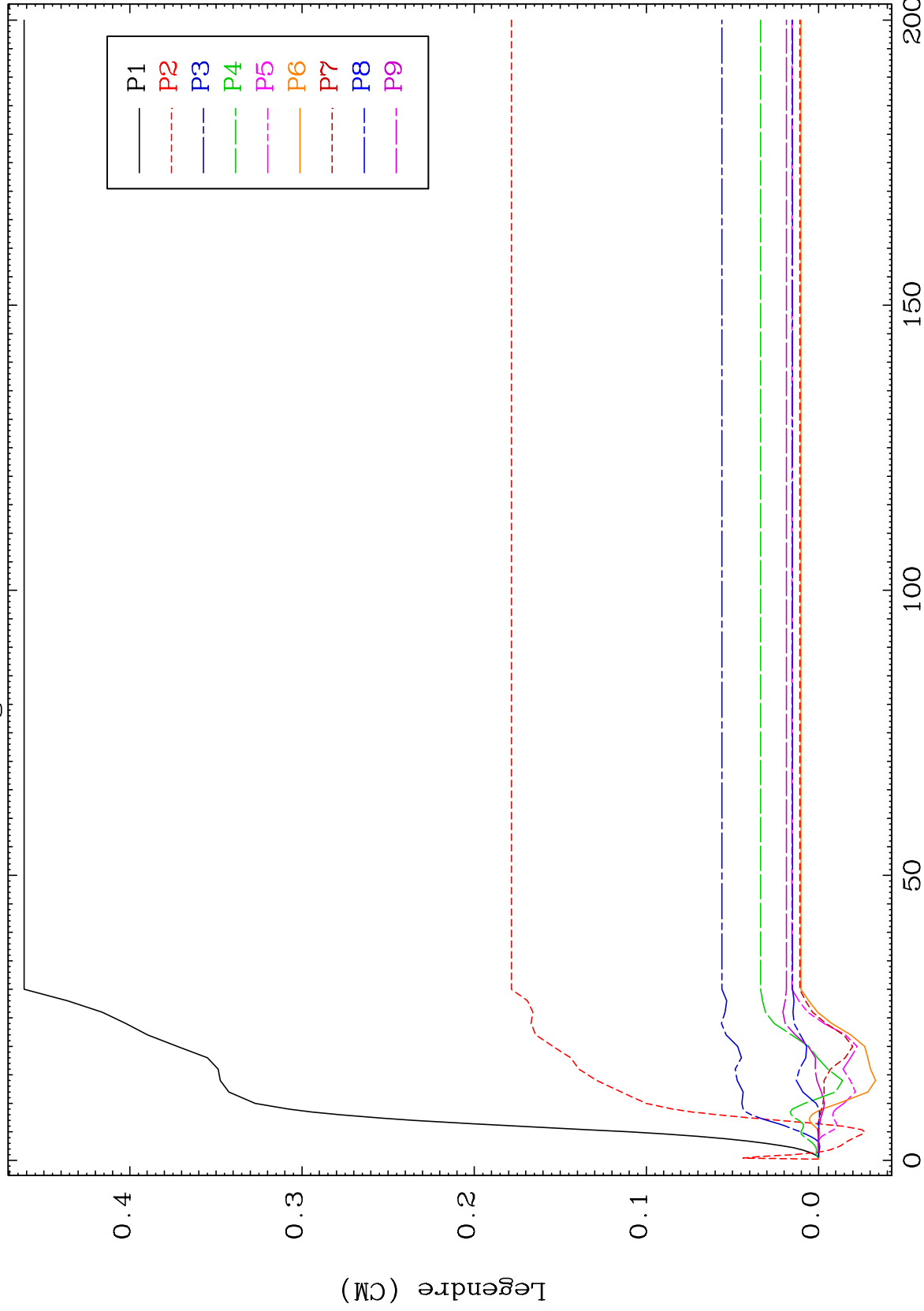
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



36

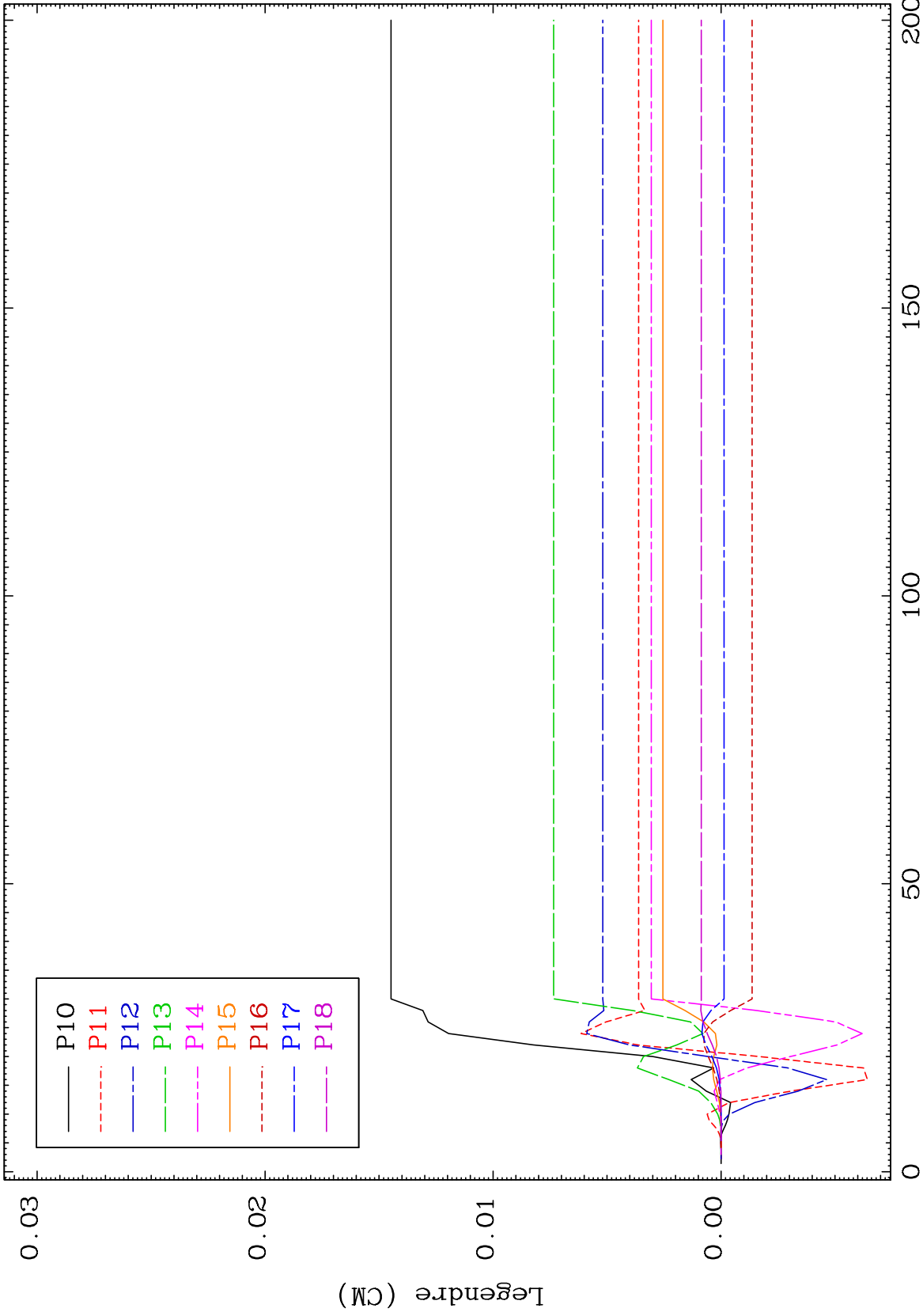
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



37

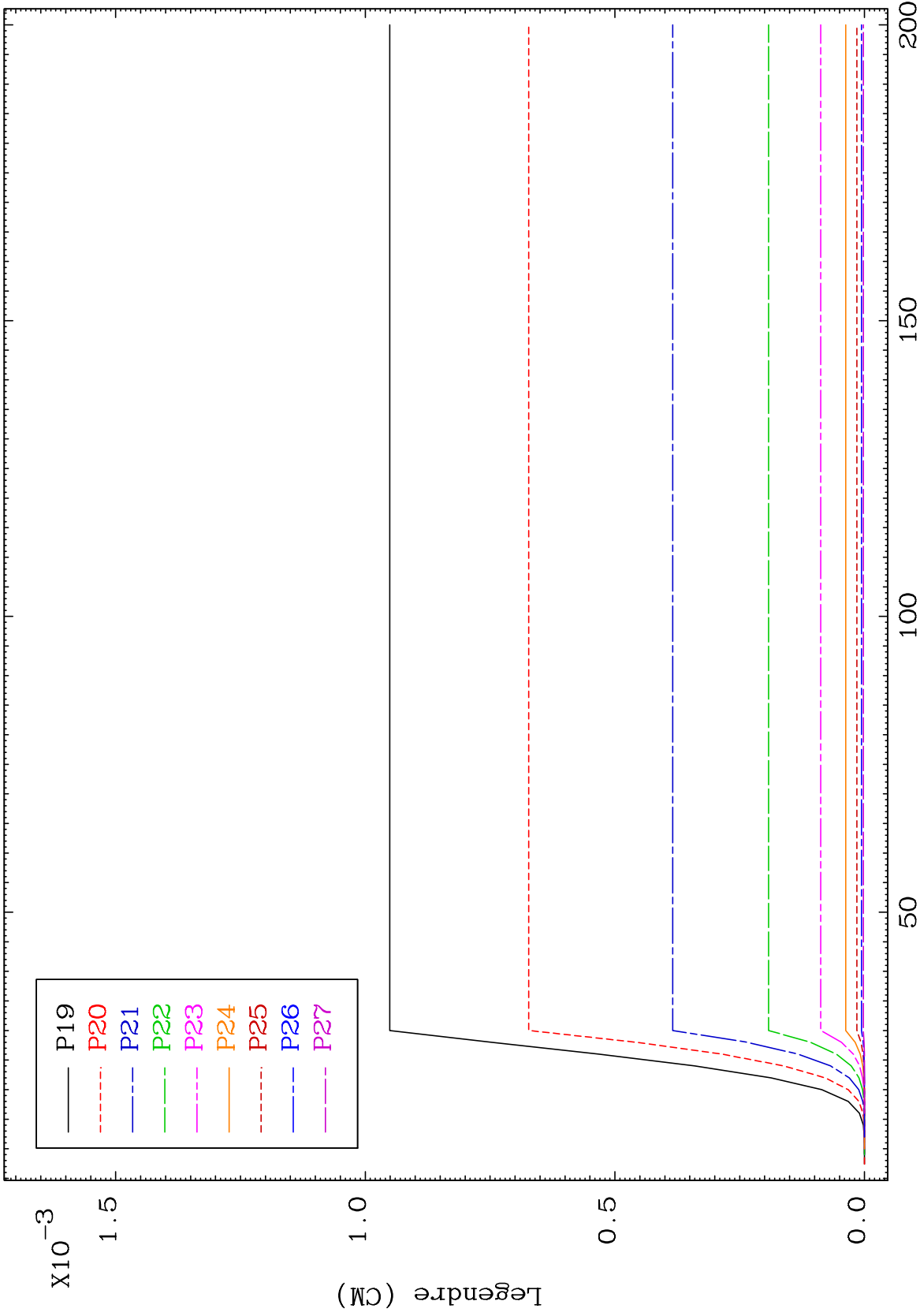
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



38

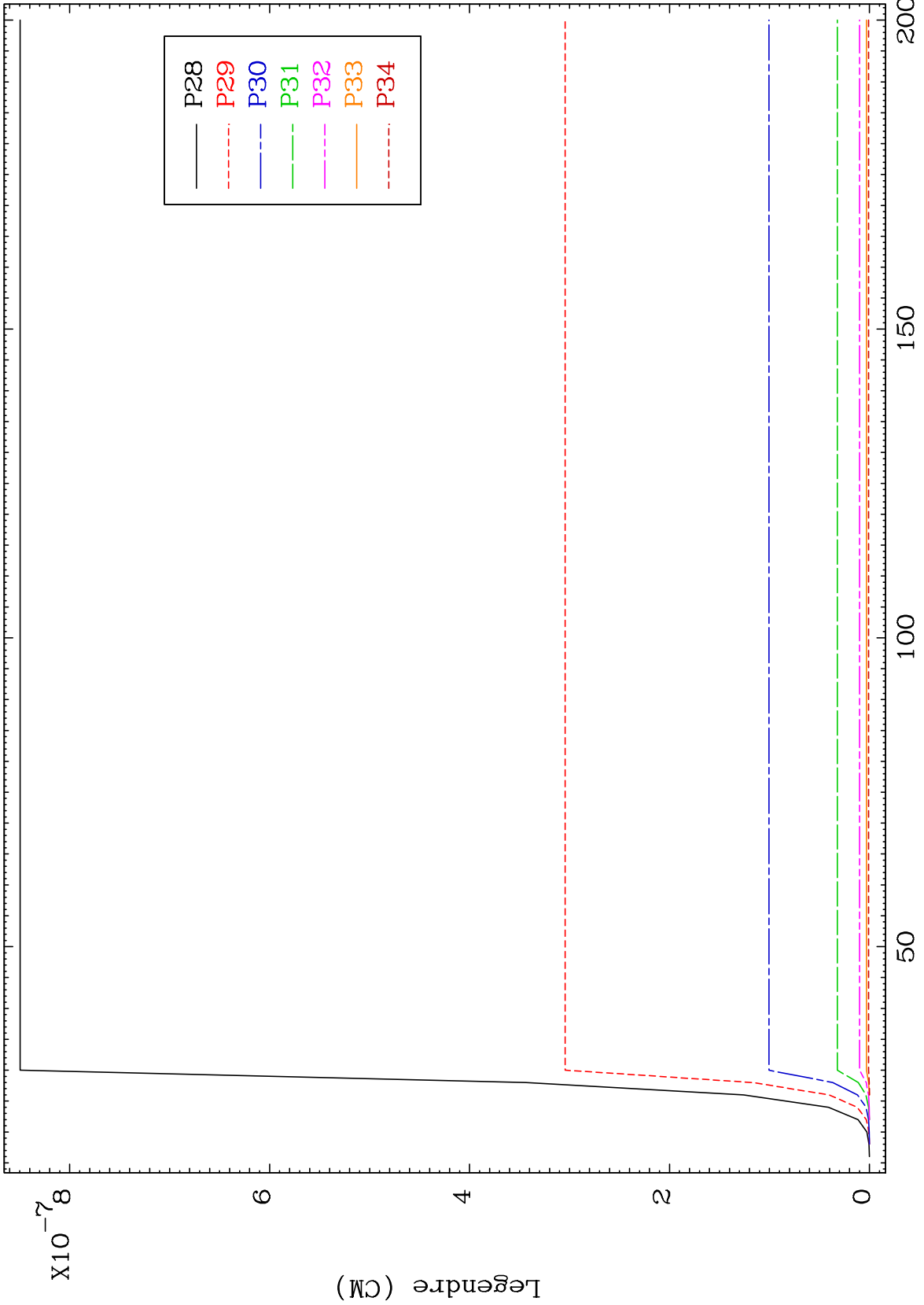
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



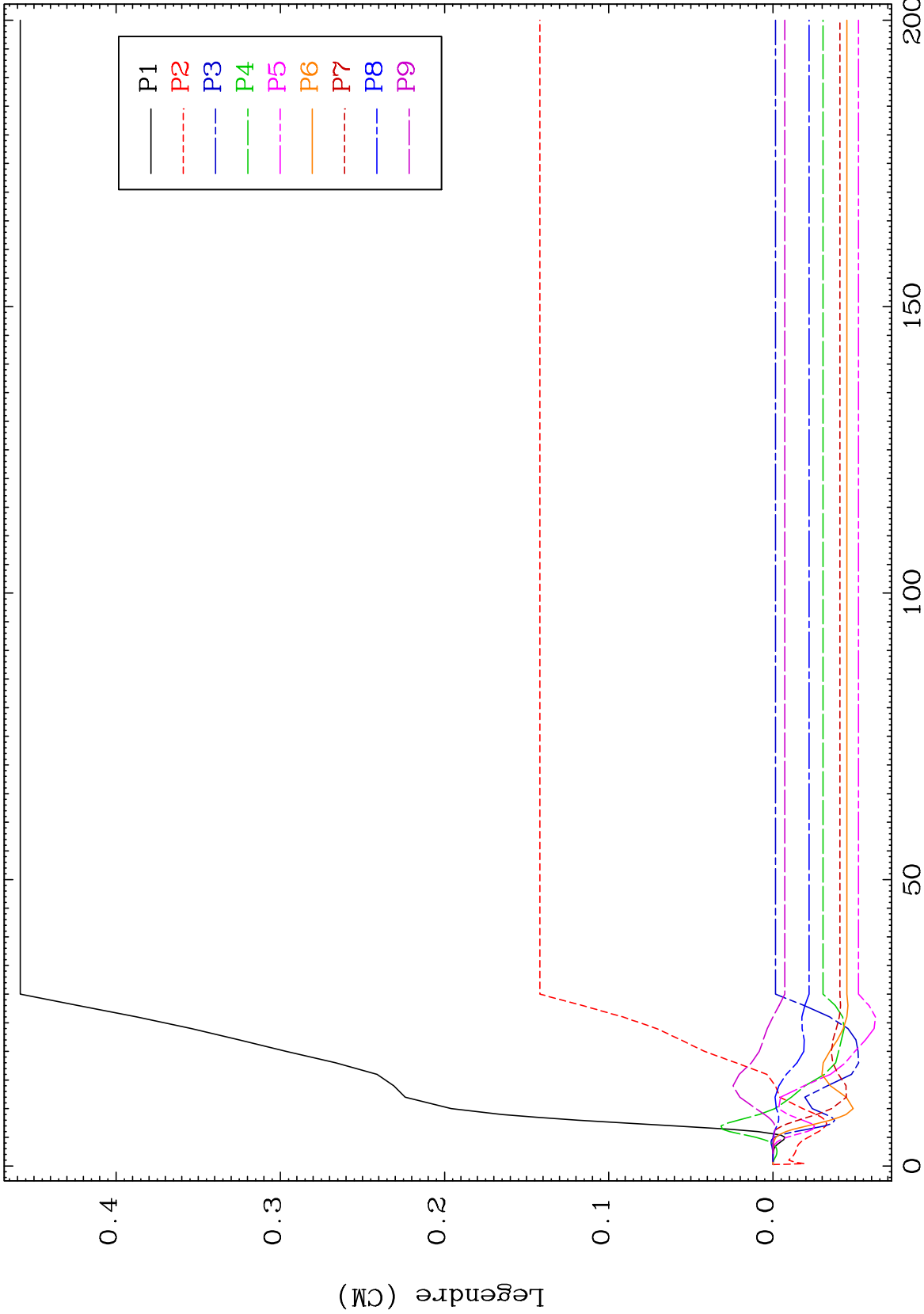
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44-Ru-105

MAT 4452

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

44-Ru-105



40

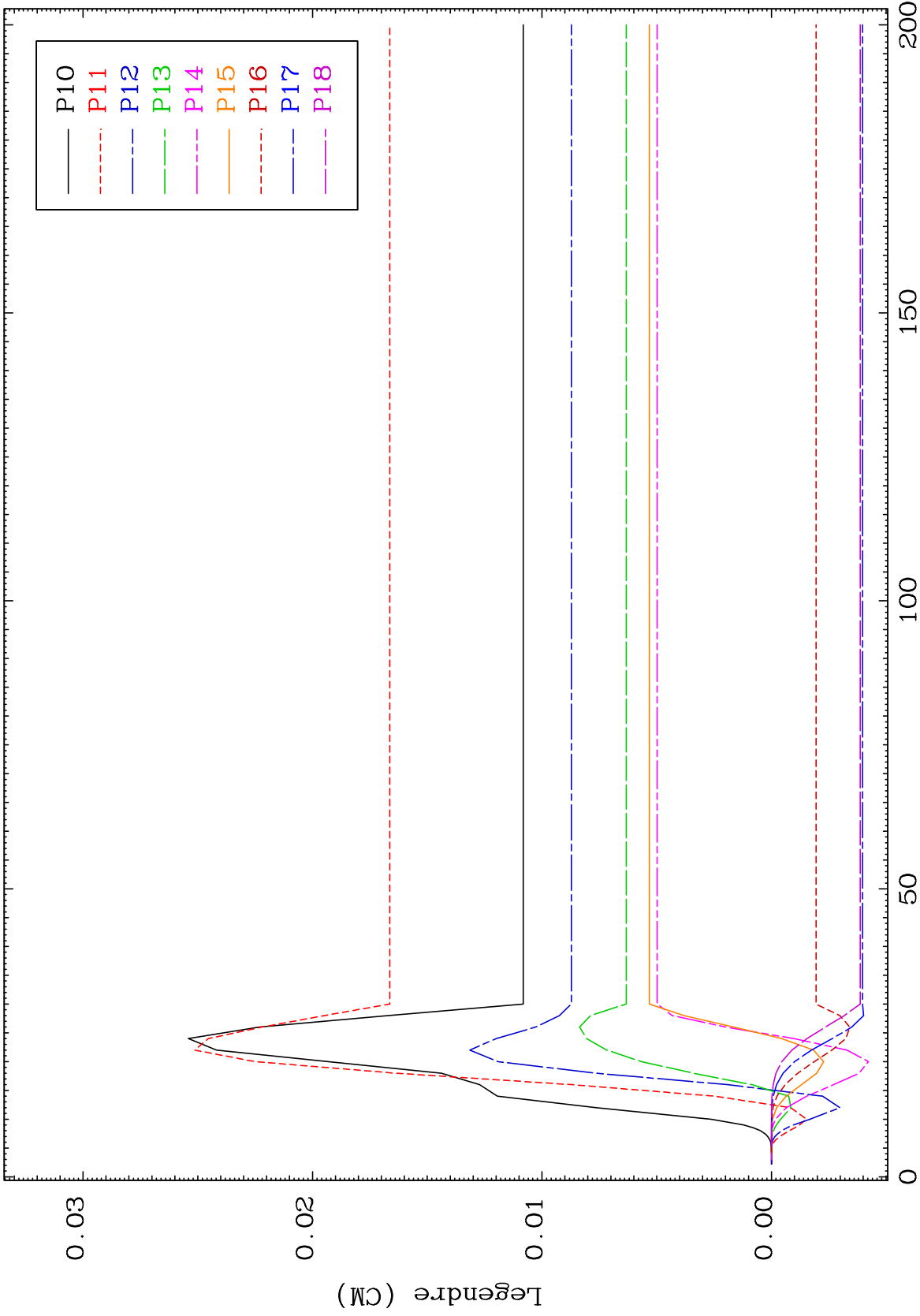
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



41

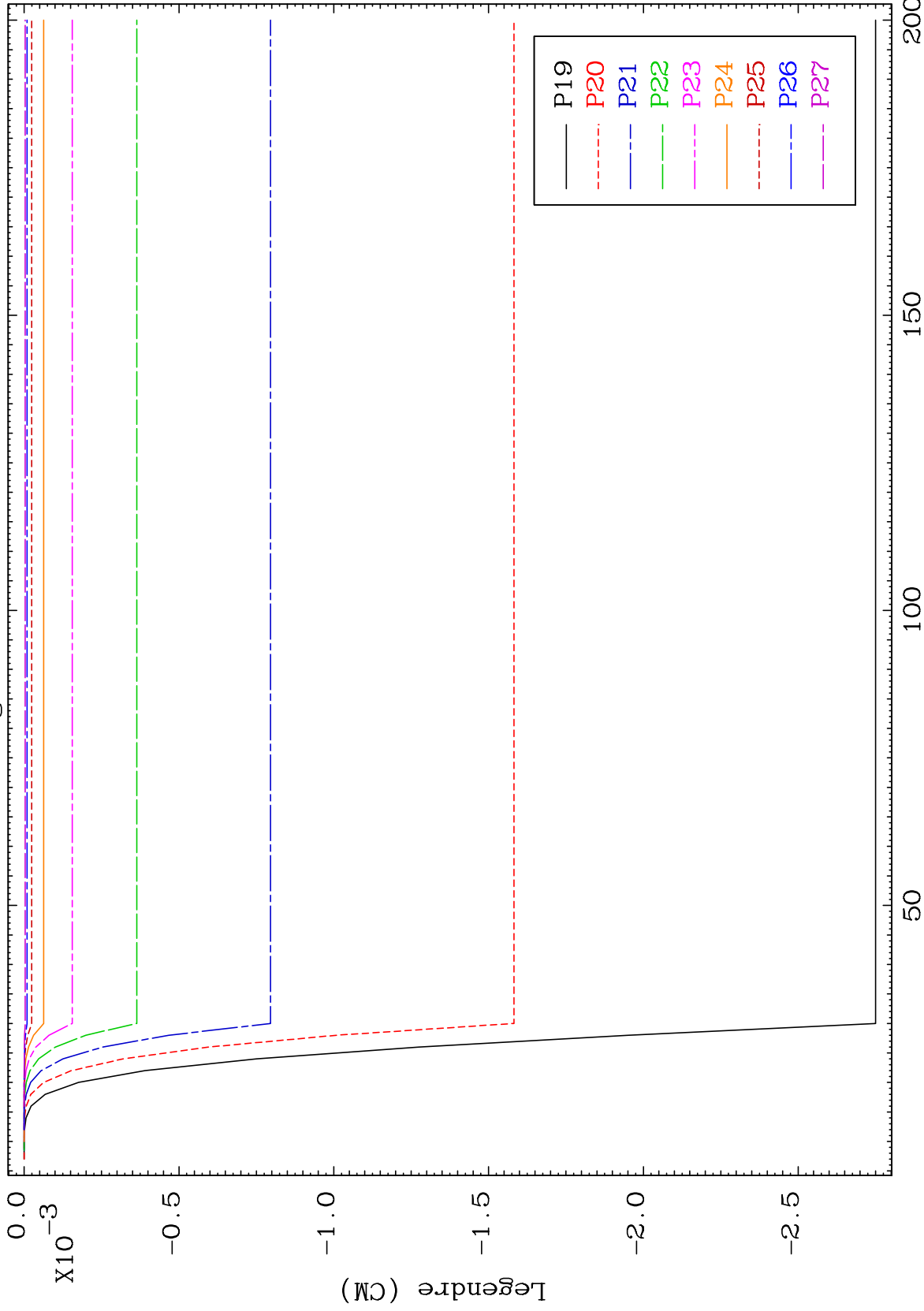
Incident Energy (MeV)

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MAT 4452

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

44-Ru-105



42

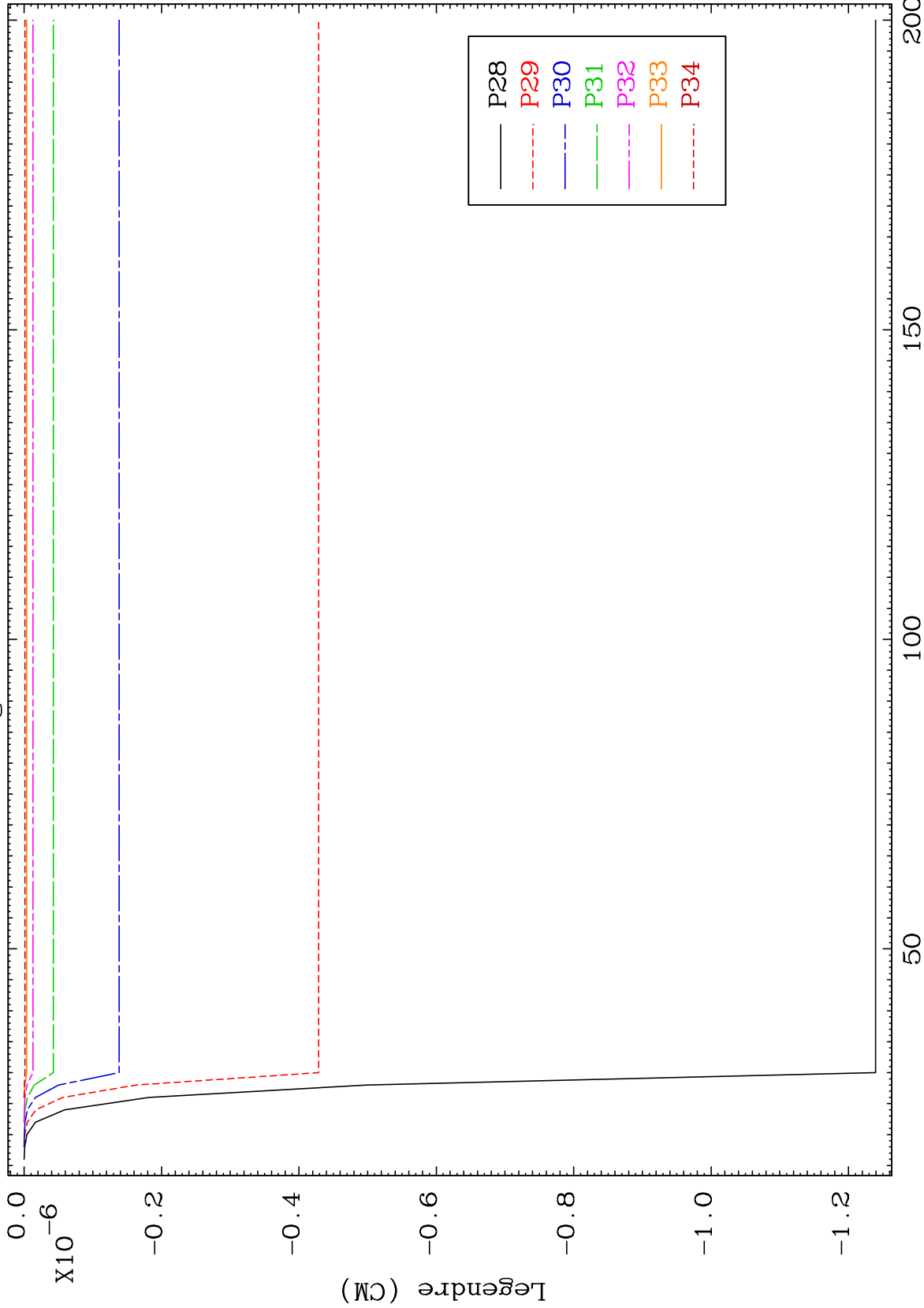
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



43

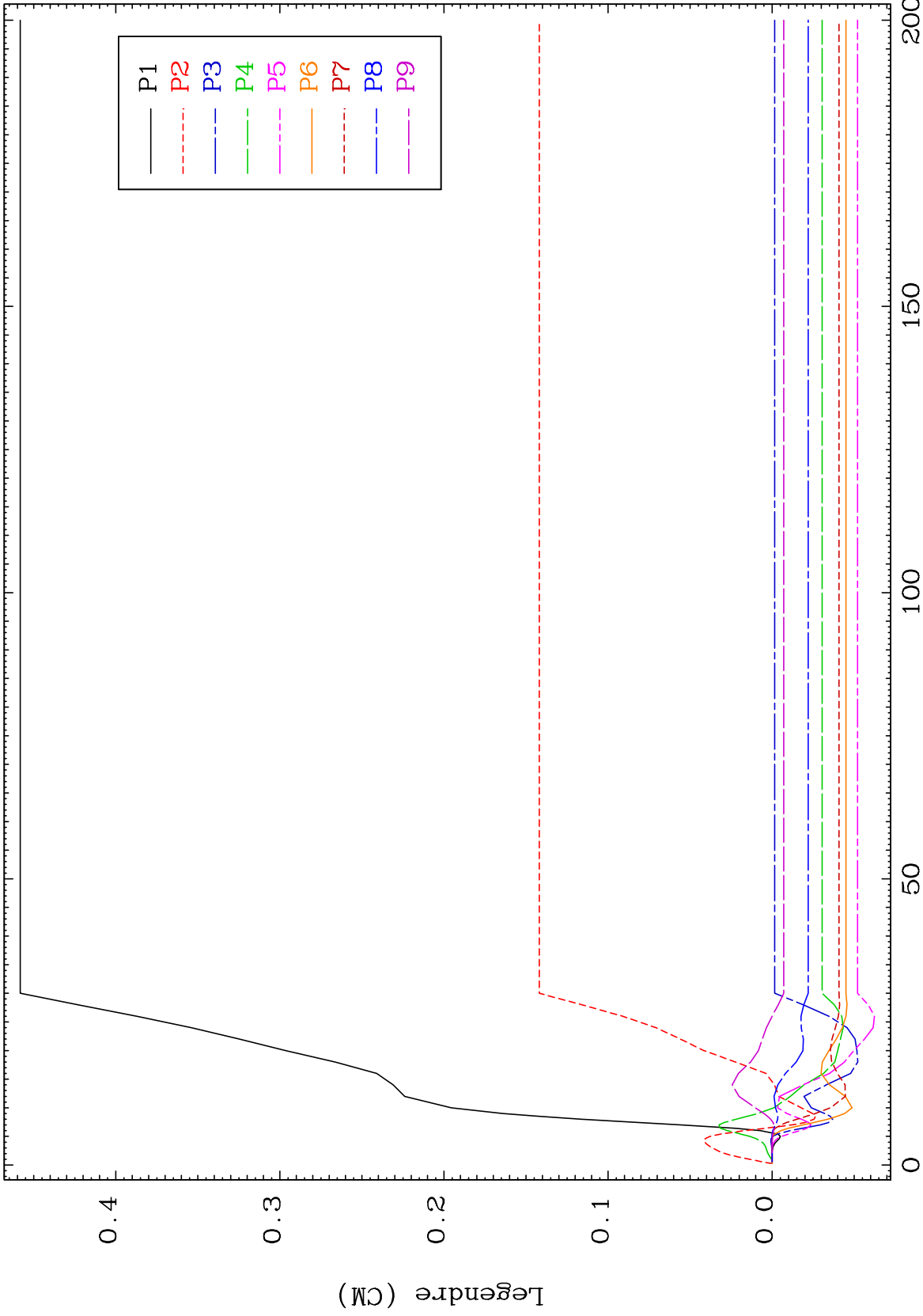
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44

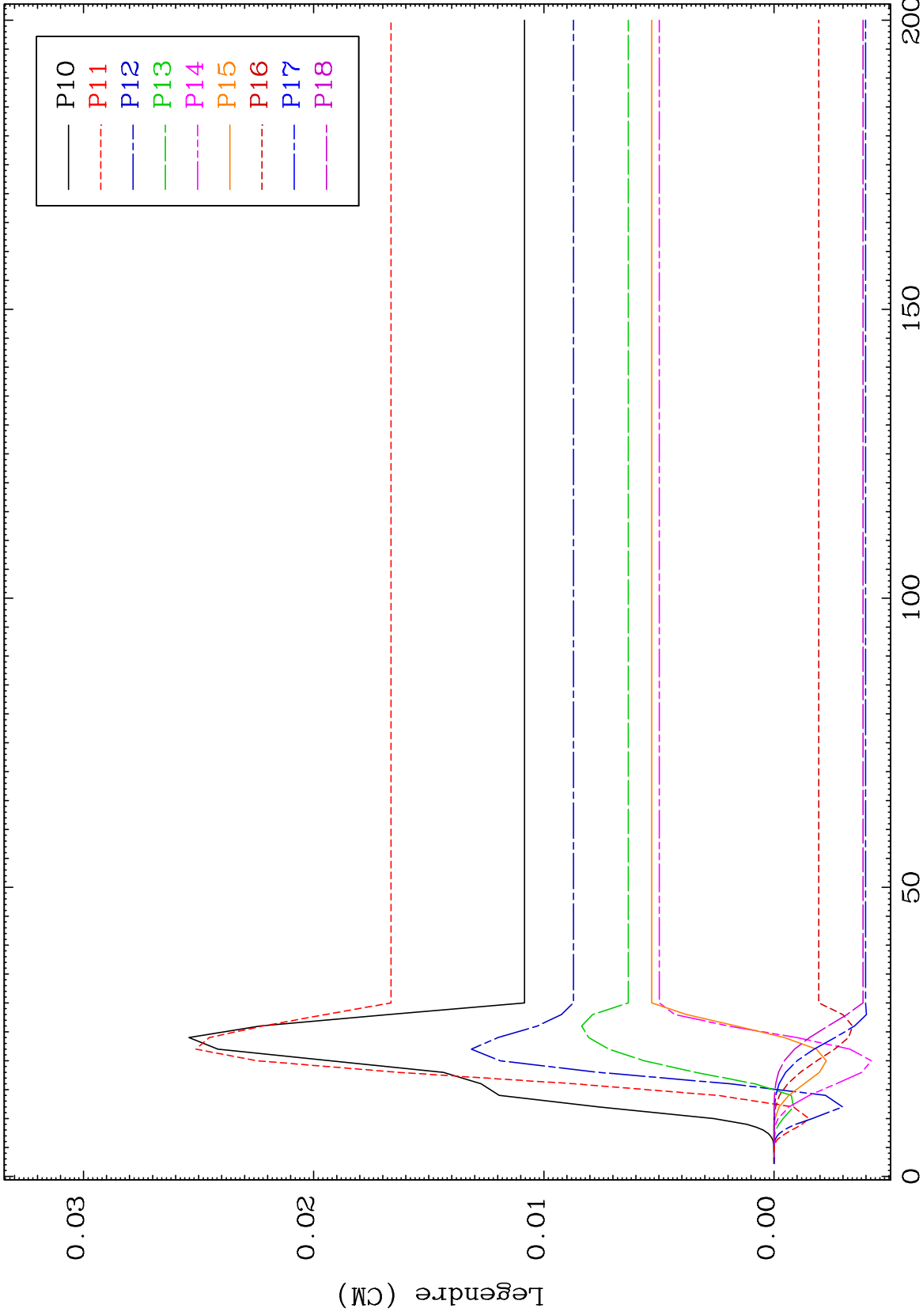
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



45

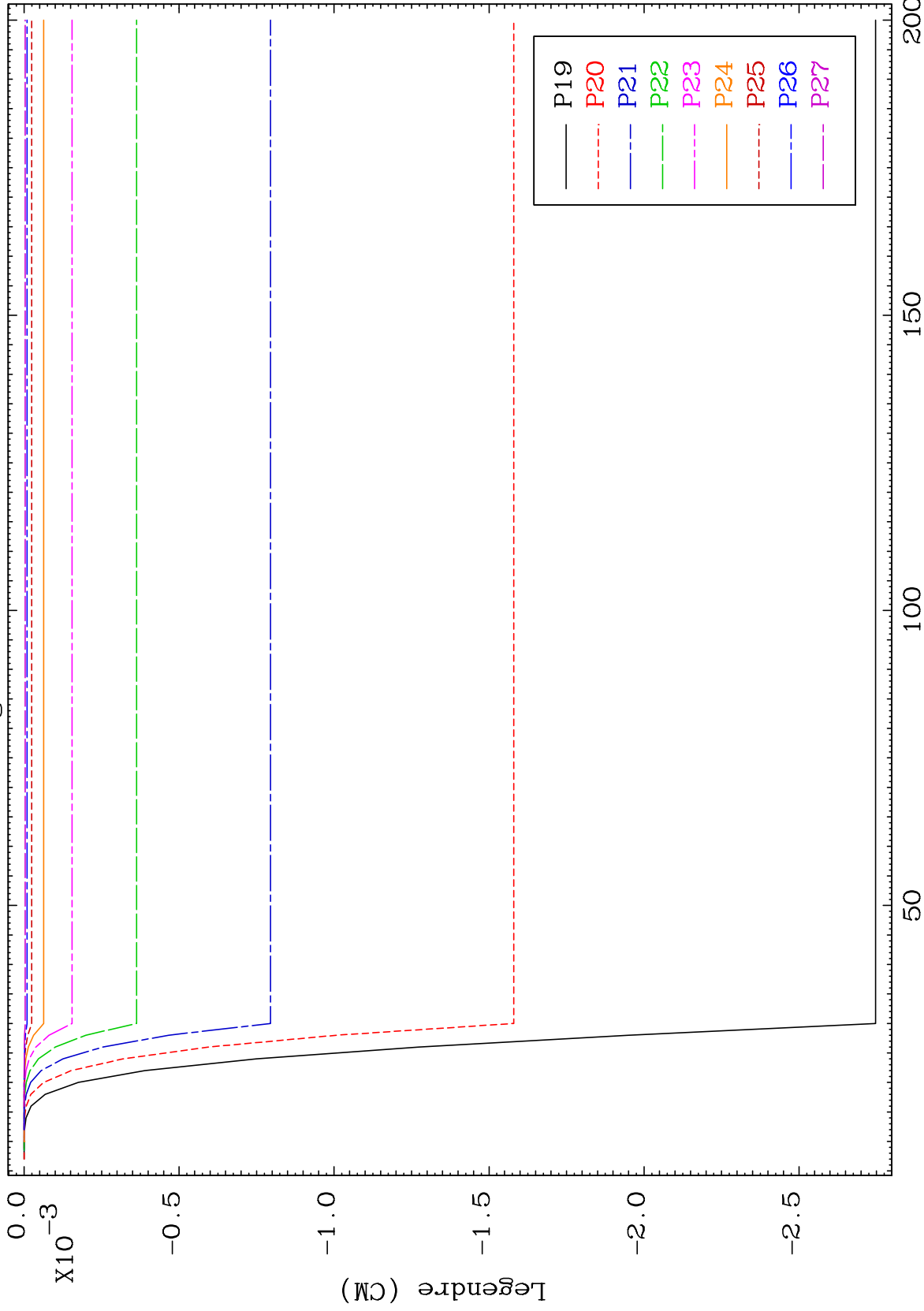
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



46

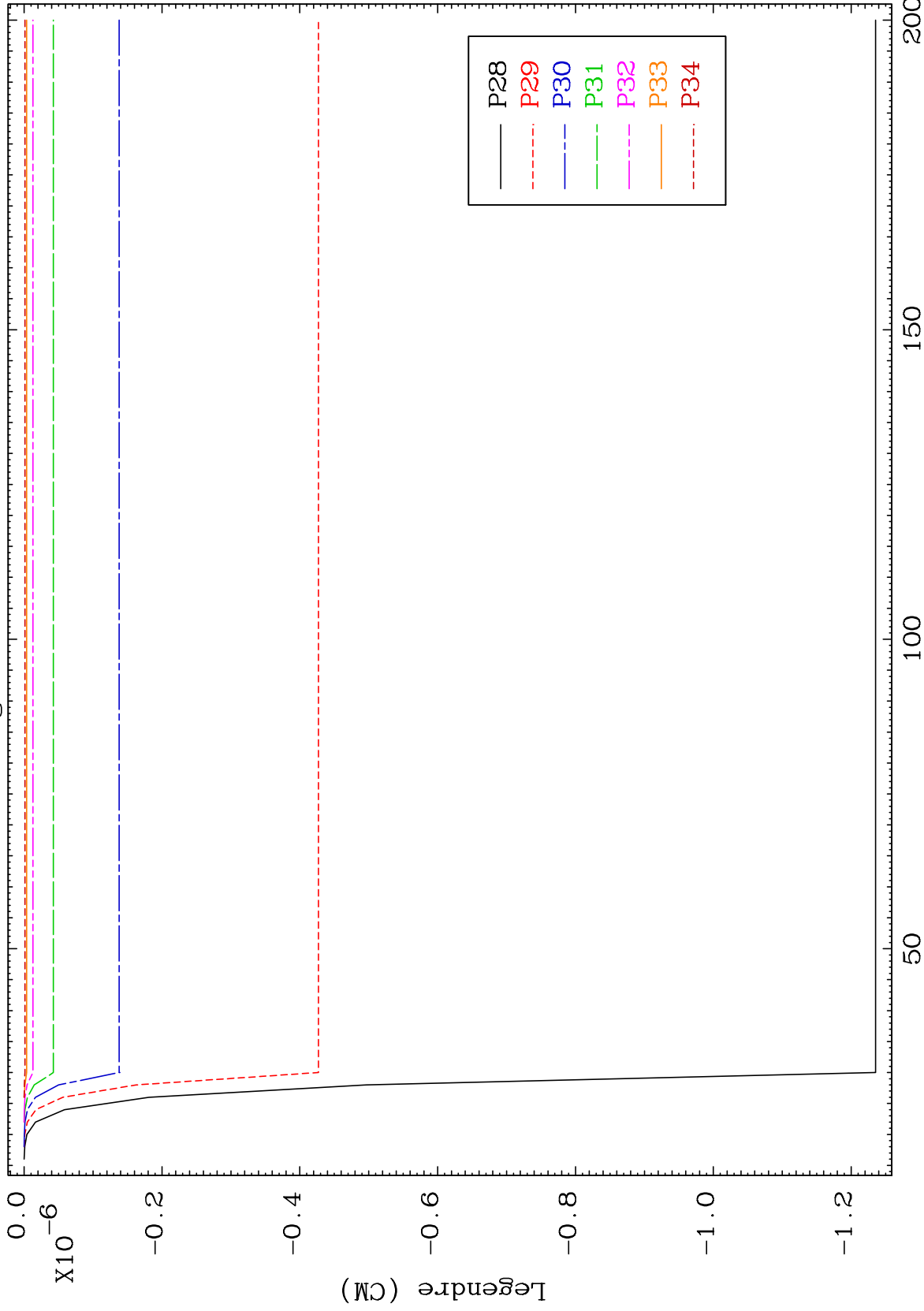
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



47

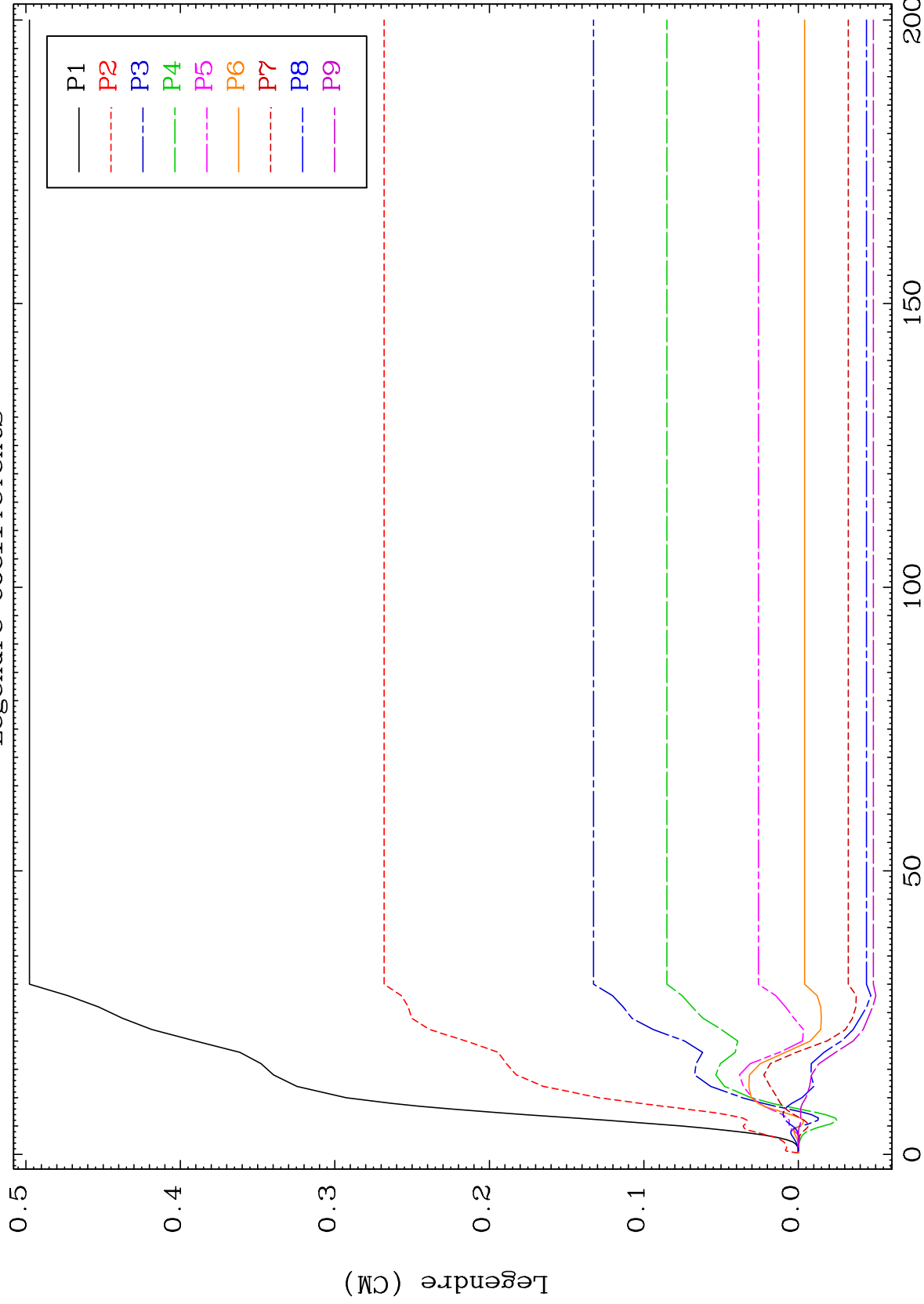
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



48

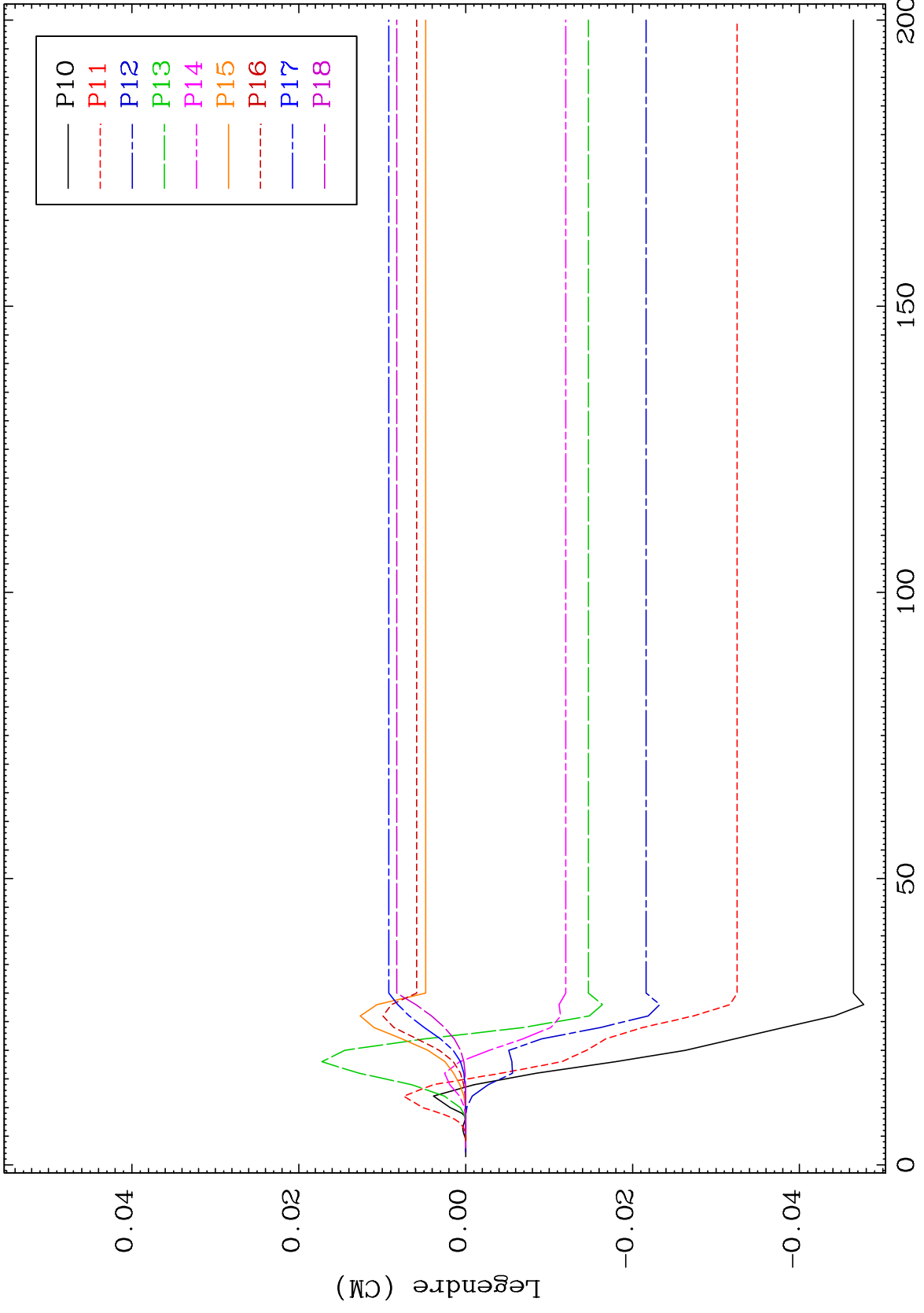
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



49

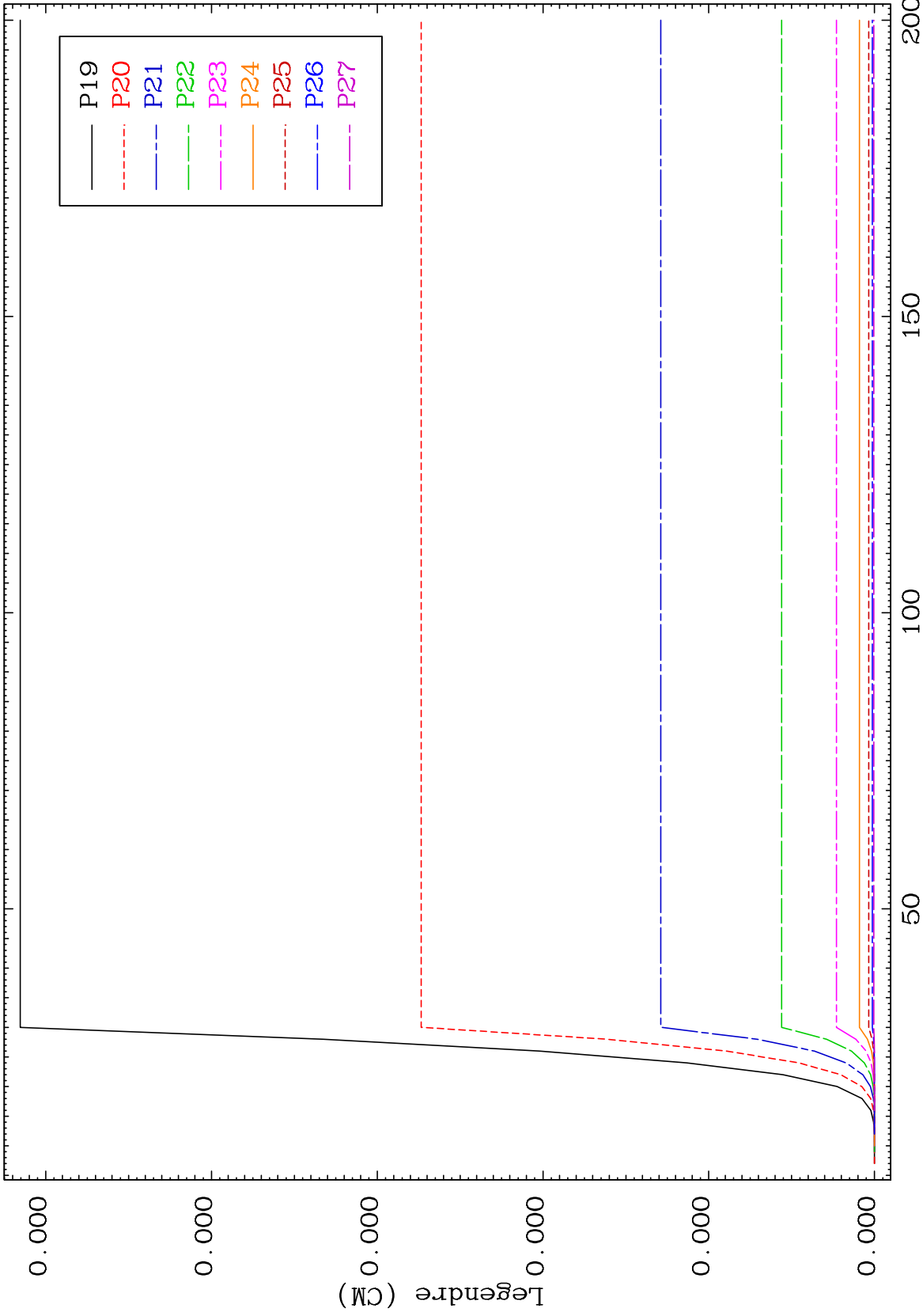
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



50

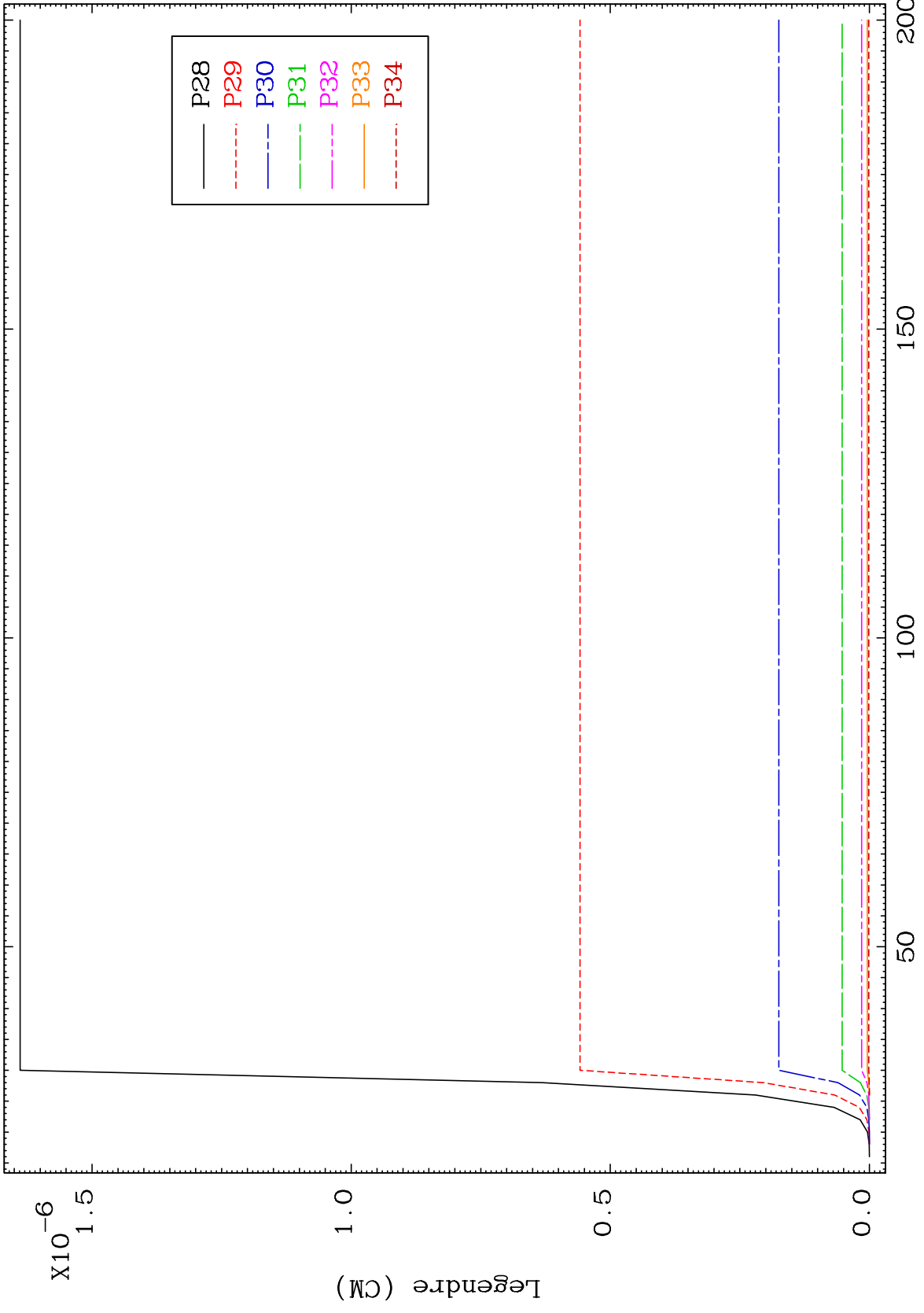
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



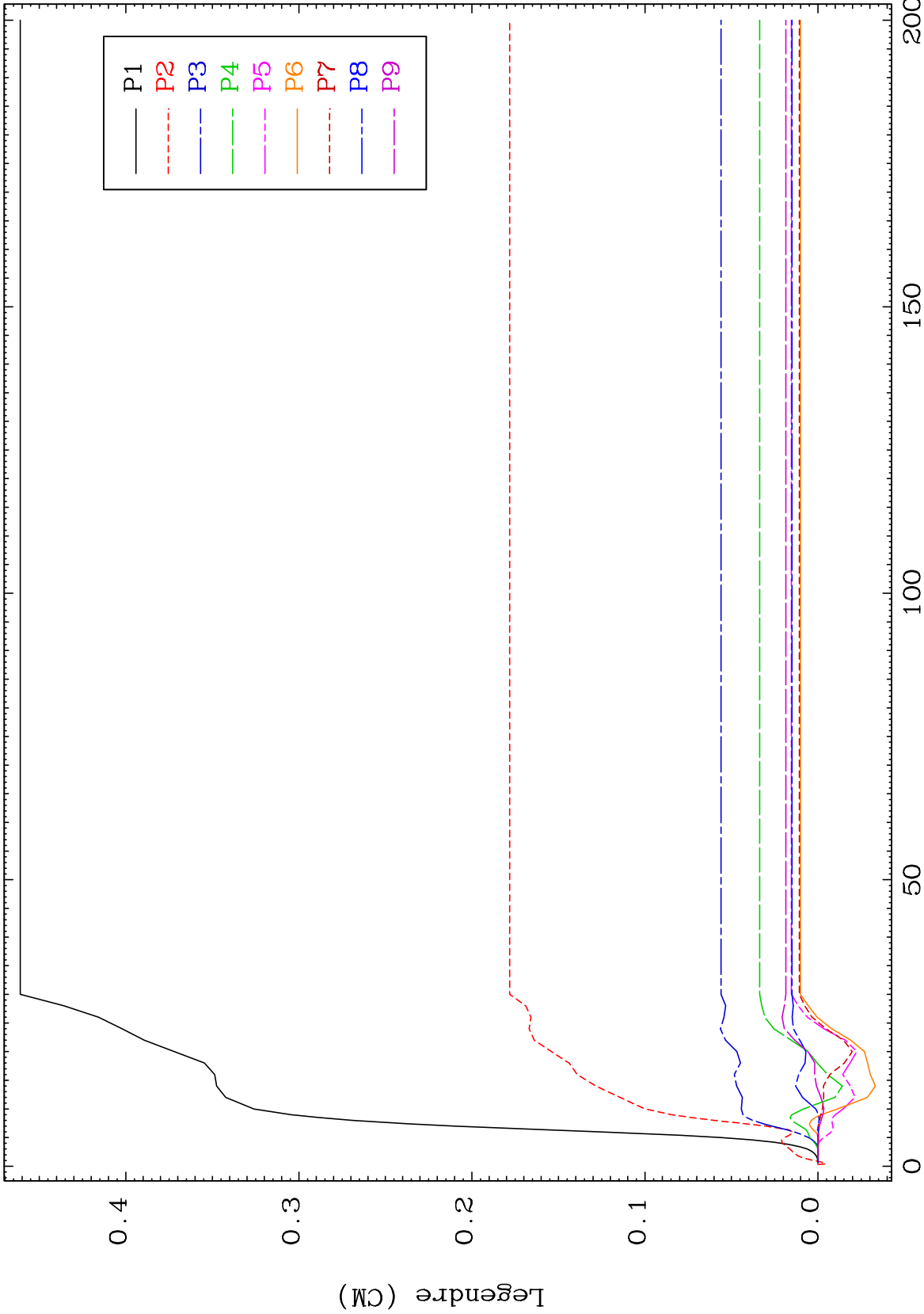
51

44-Ru-105

MAT 4452

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

44-Ru-105



52

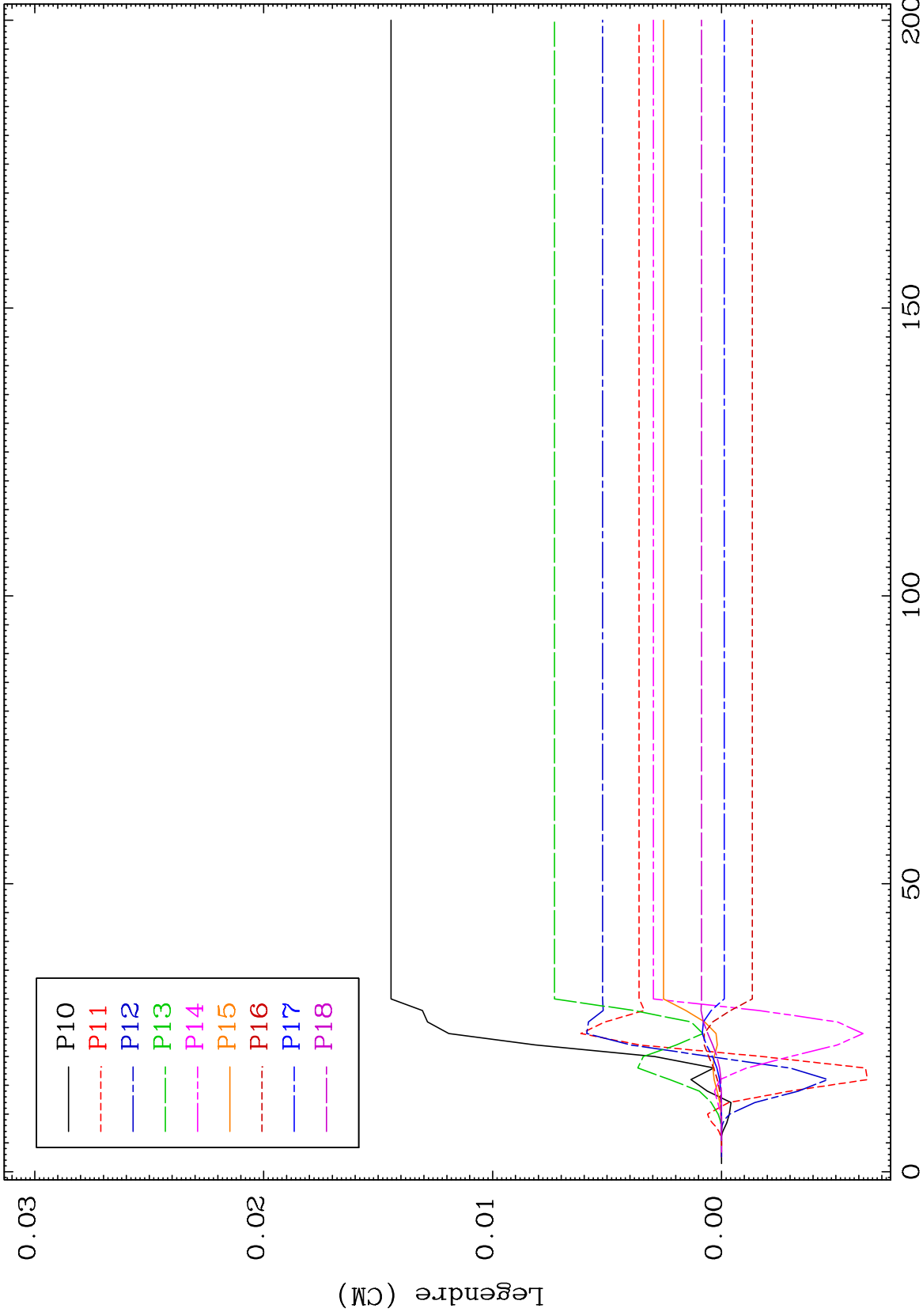
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



53

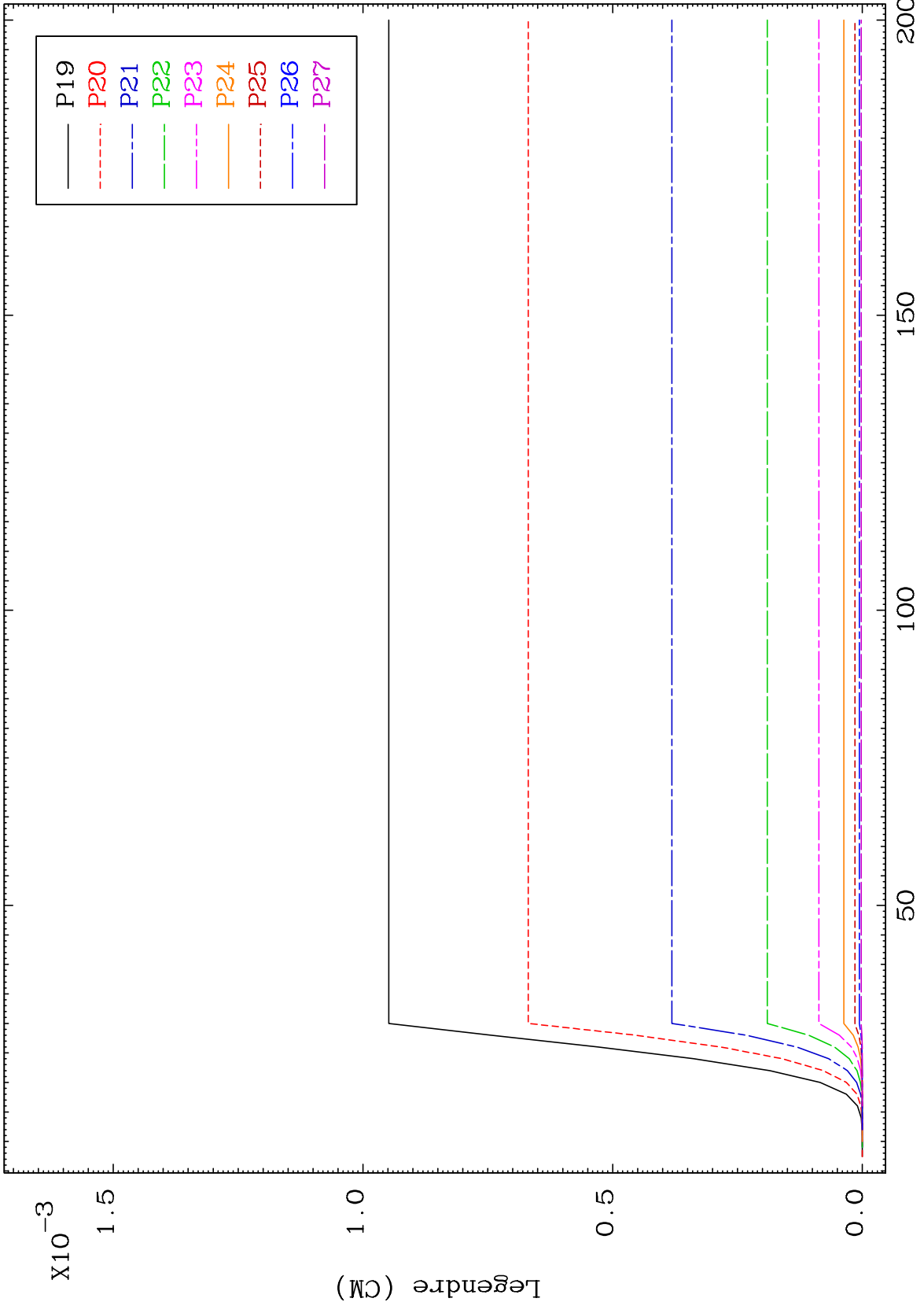
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



54

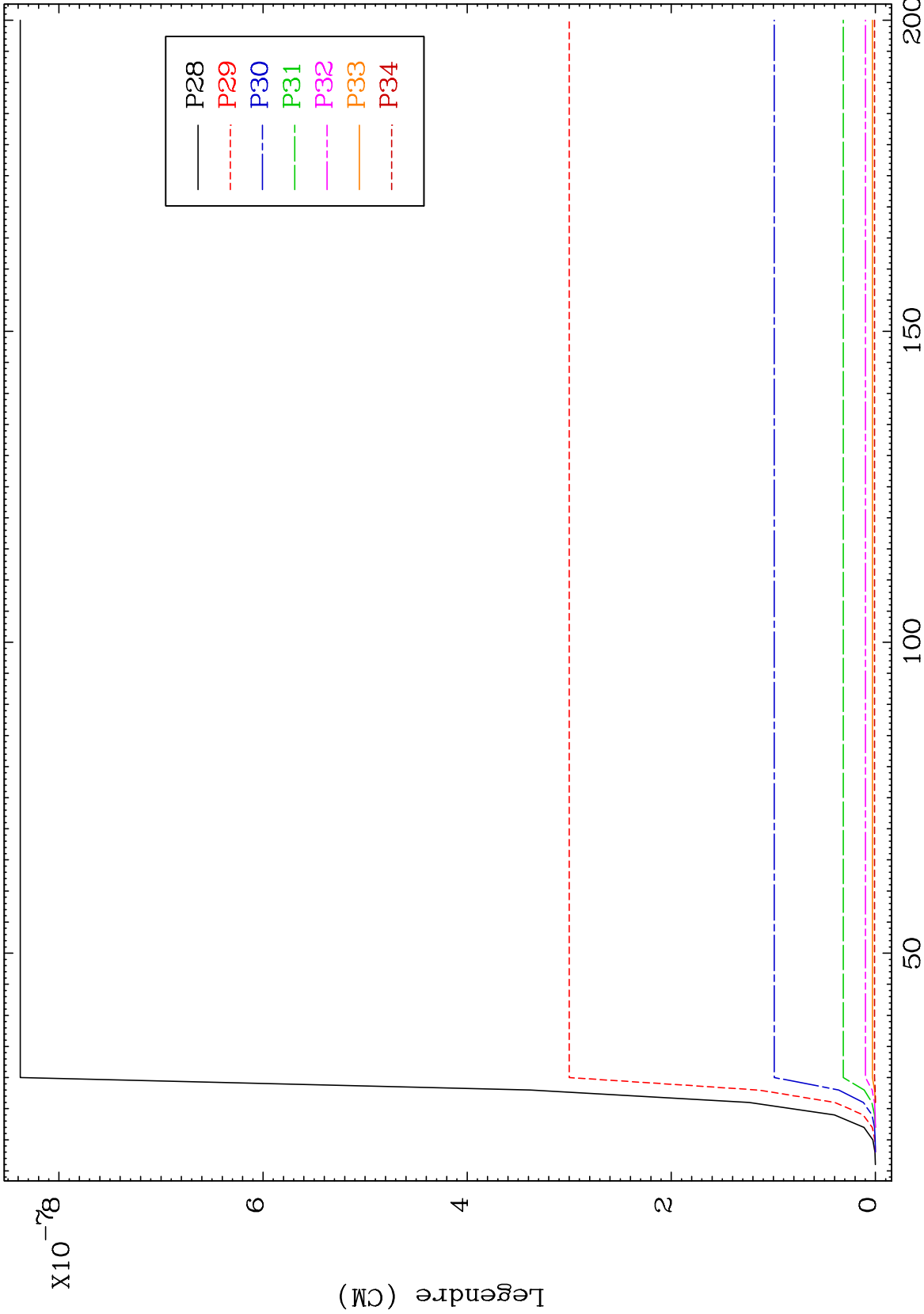
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

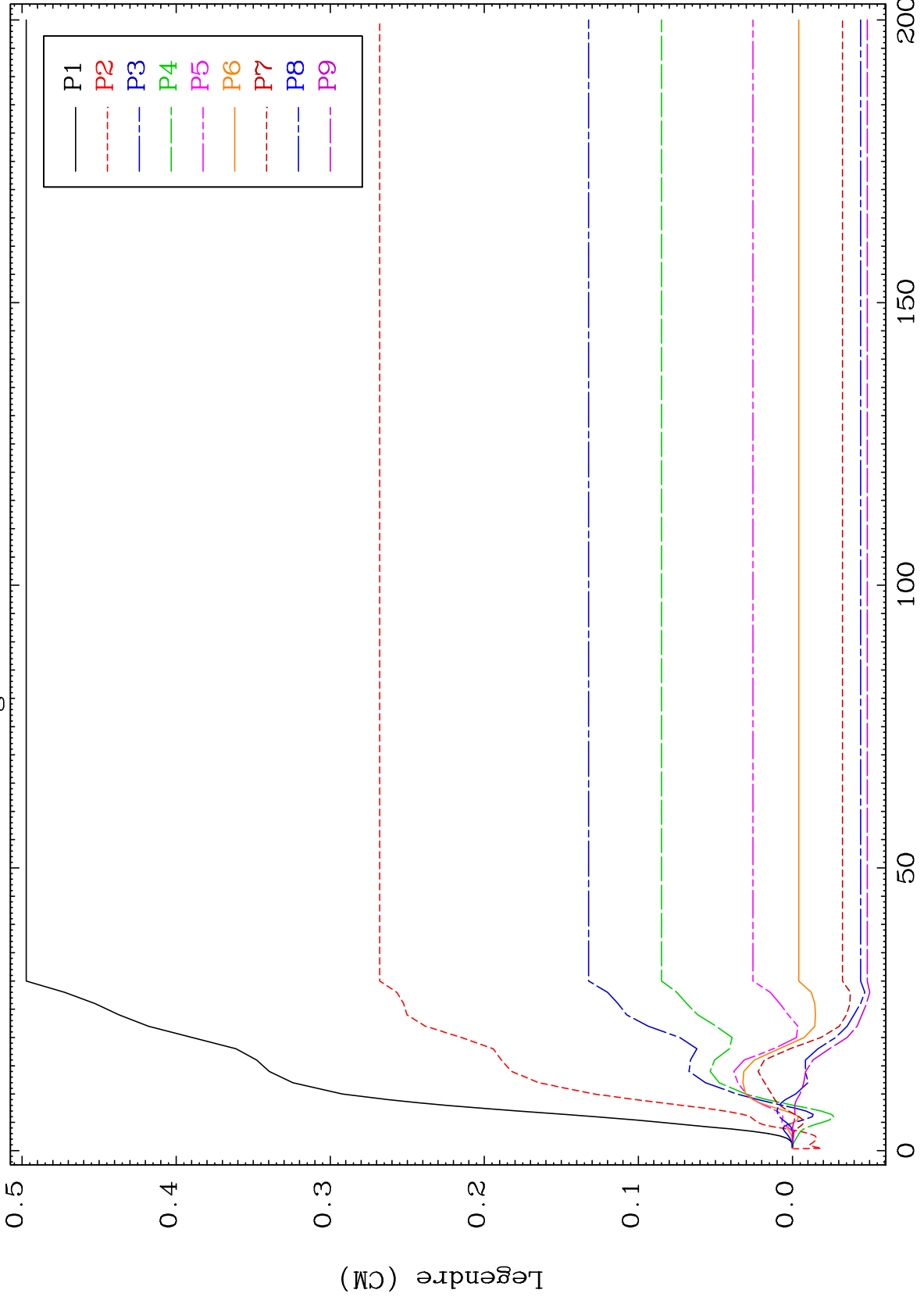


55

Incident Energy (MeV)

44-Ru-105

MAT 4452 MT= 60 (n,n') Level Legendre Coefficients 44-Ru-105

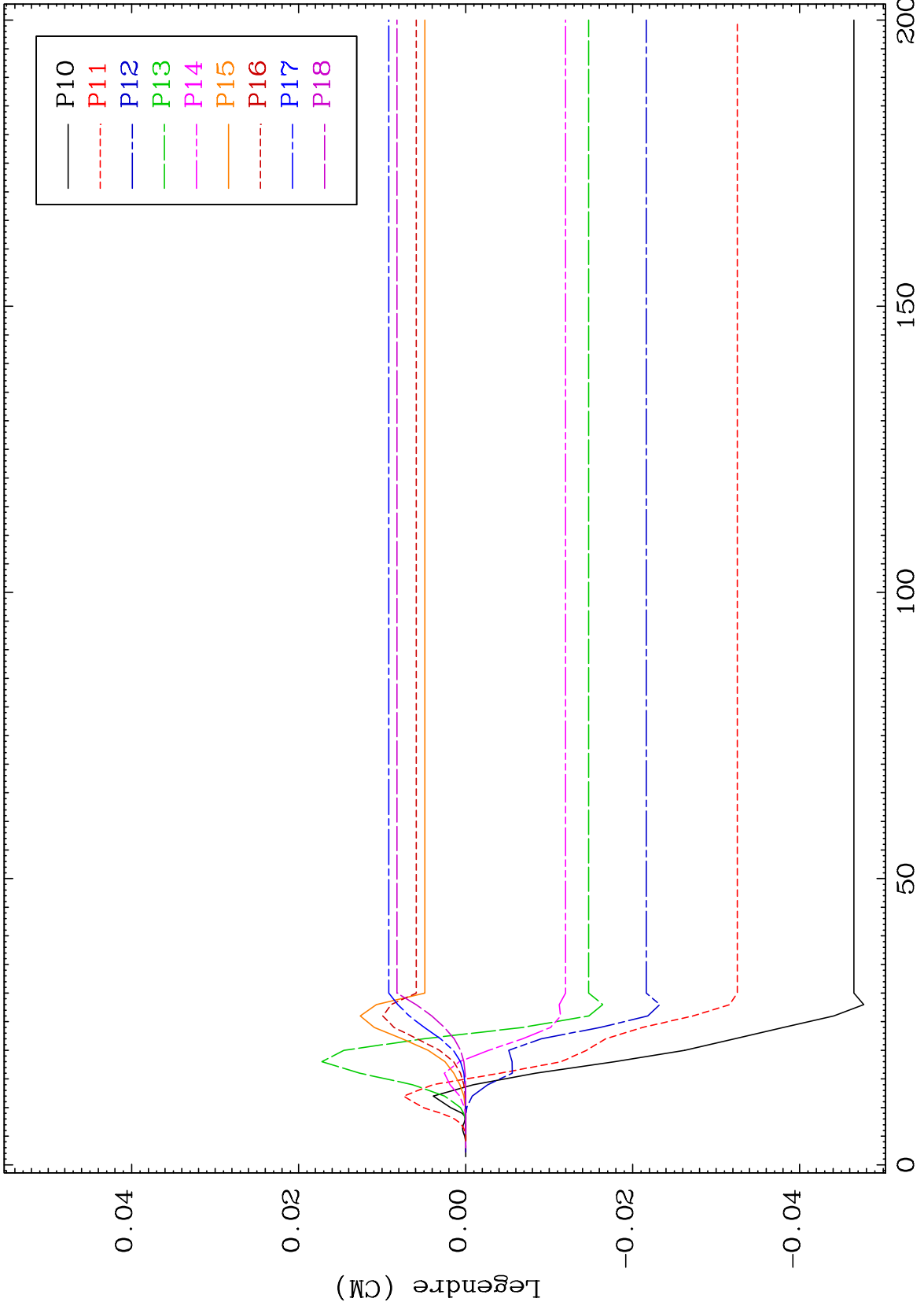


56 44-Ru-105

MAT 4452

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

44-Ru-105



57

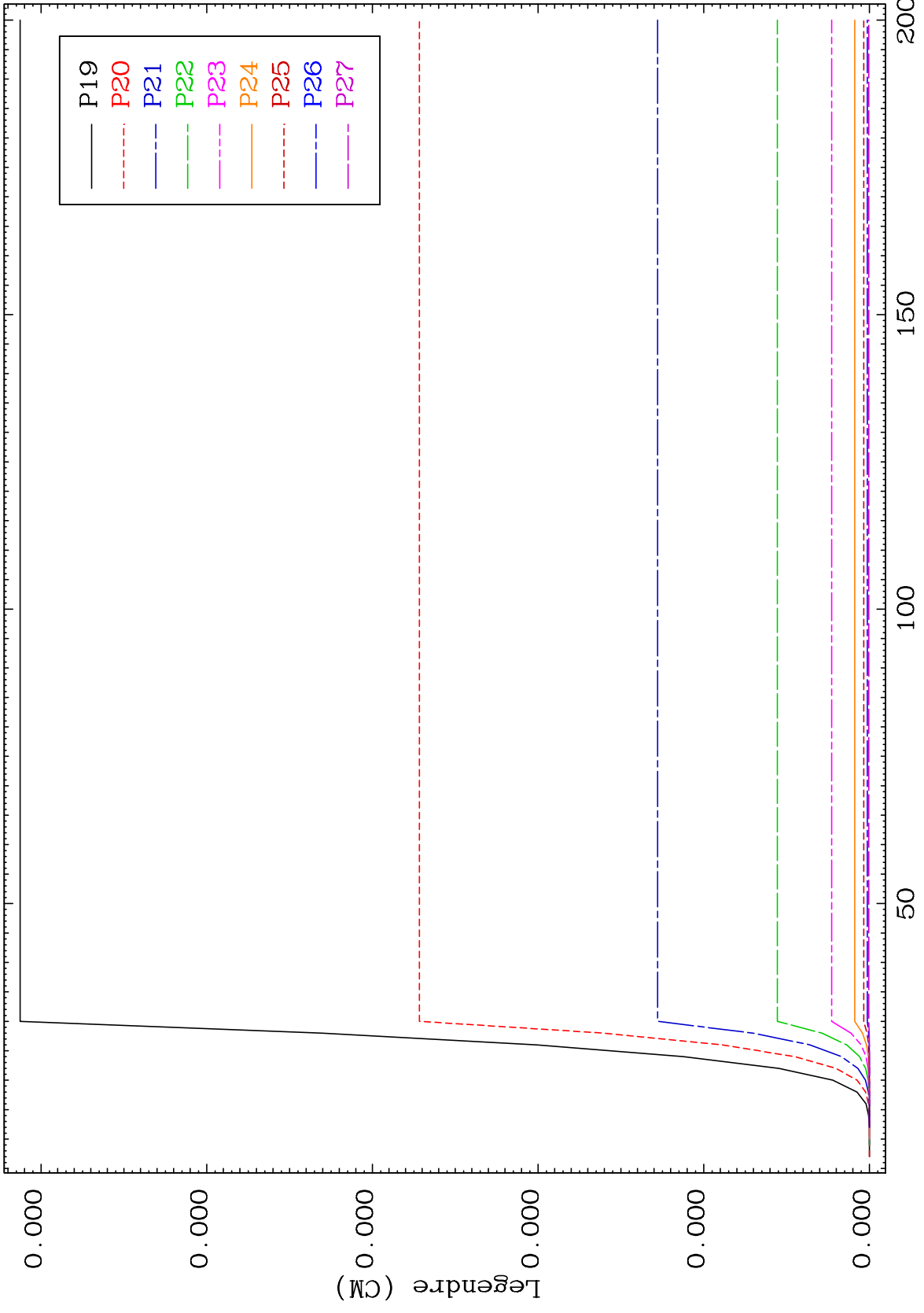
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



58

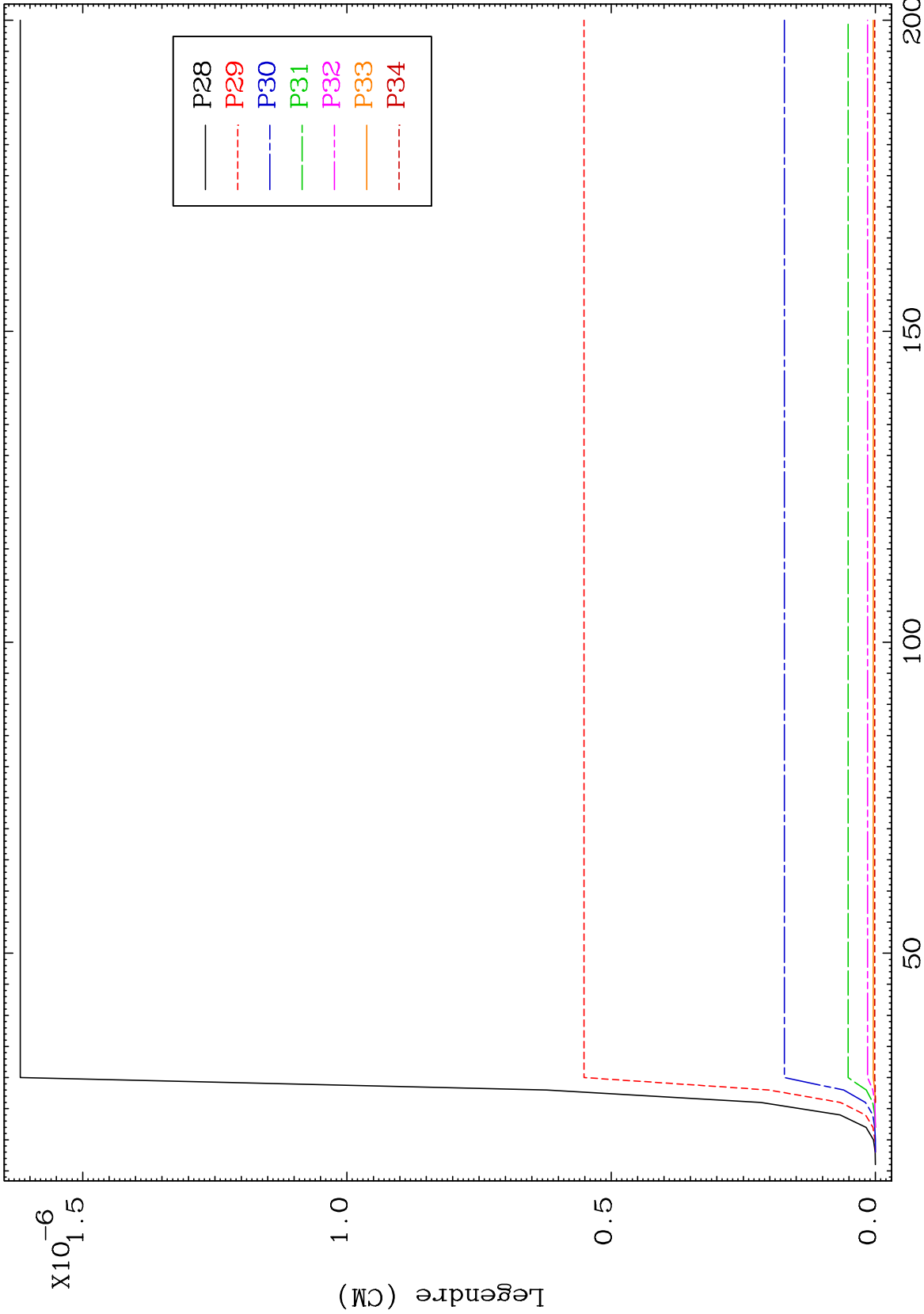
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



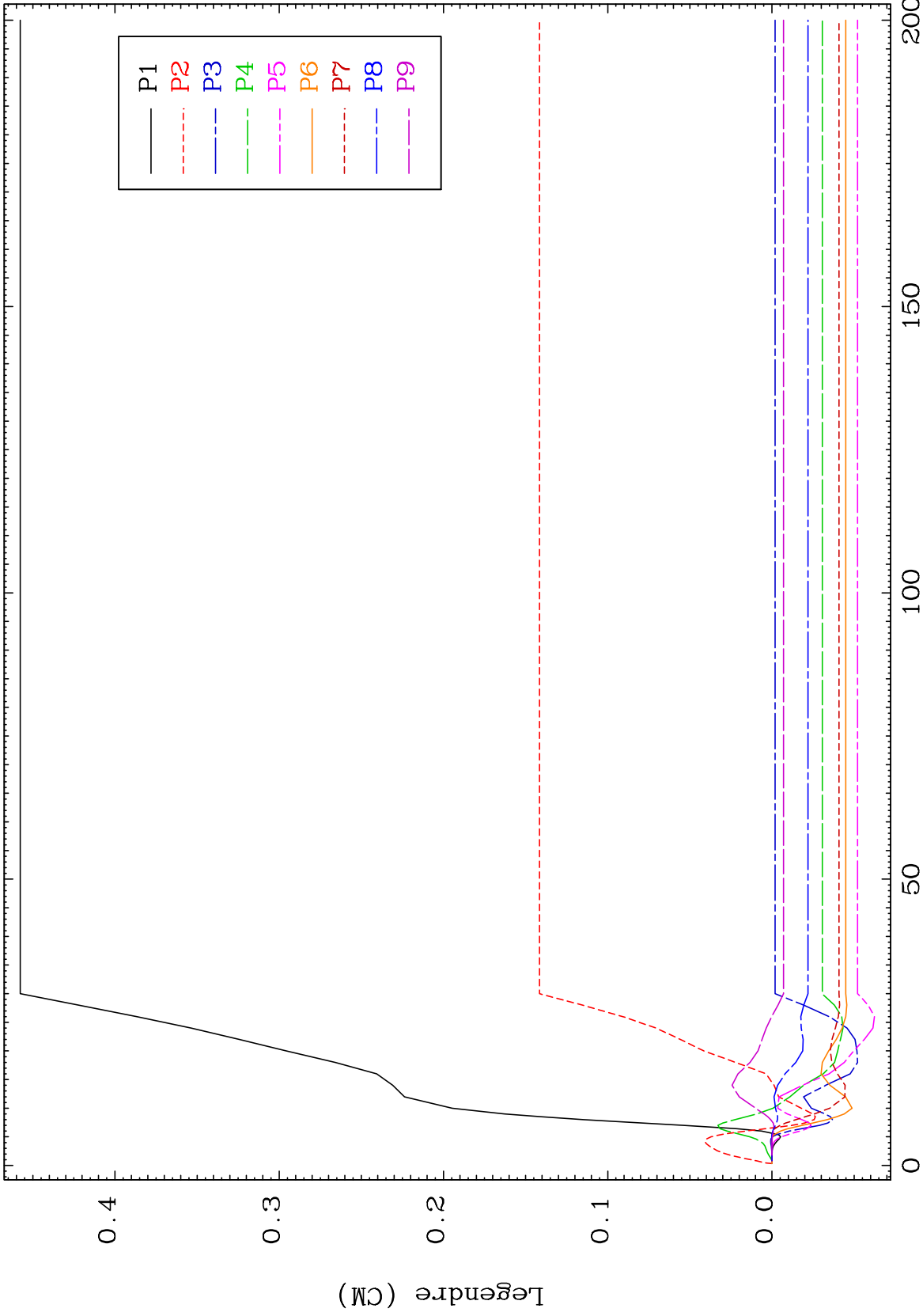
59

44-Ru-105

MAT 4452

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

44-Ru-105



60

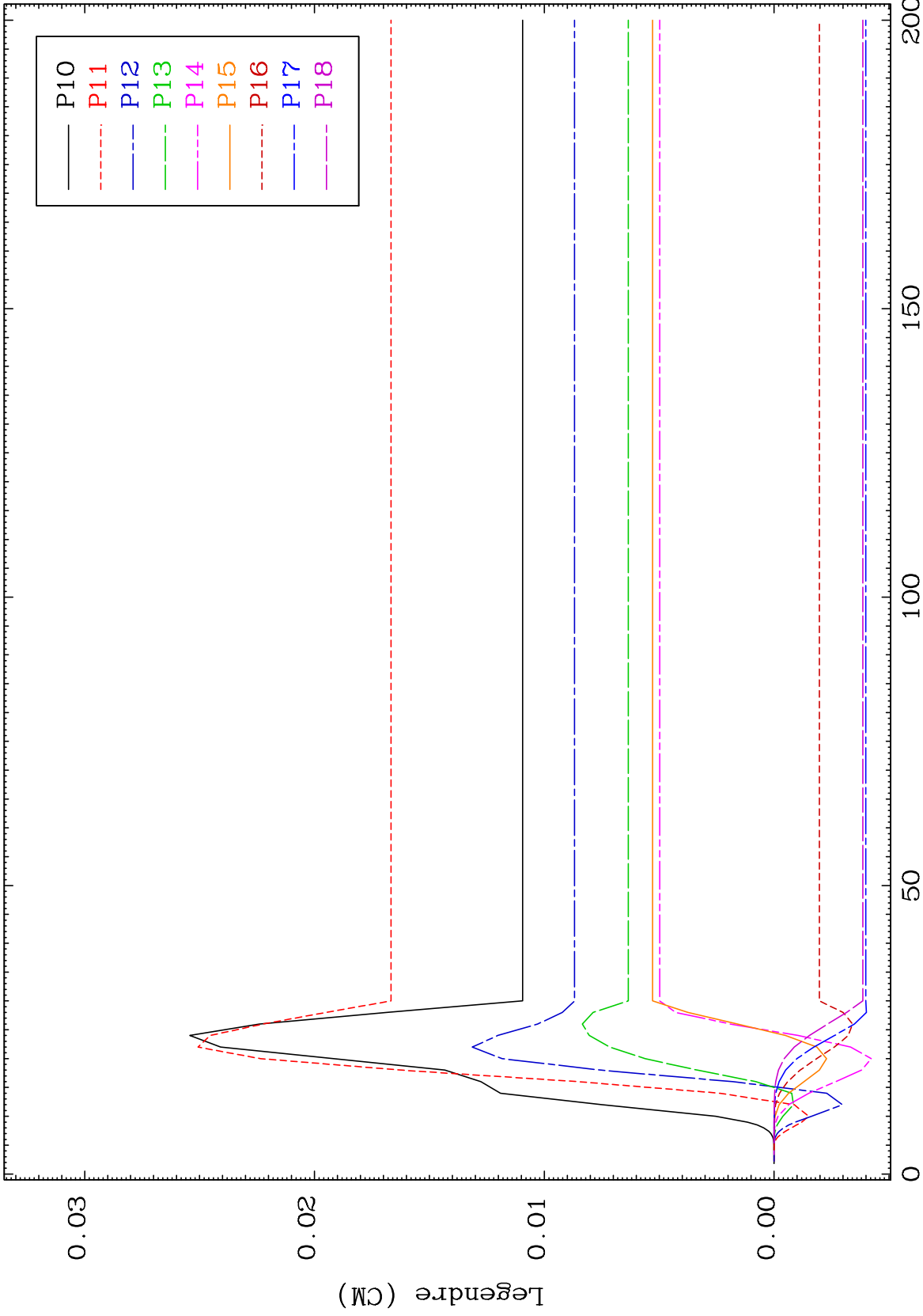
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



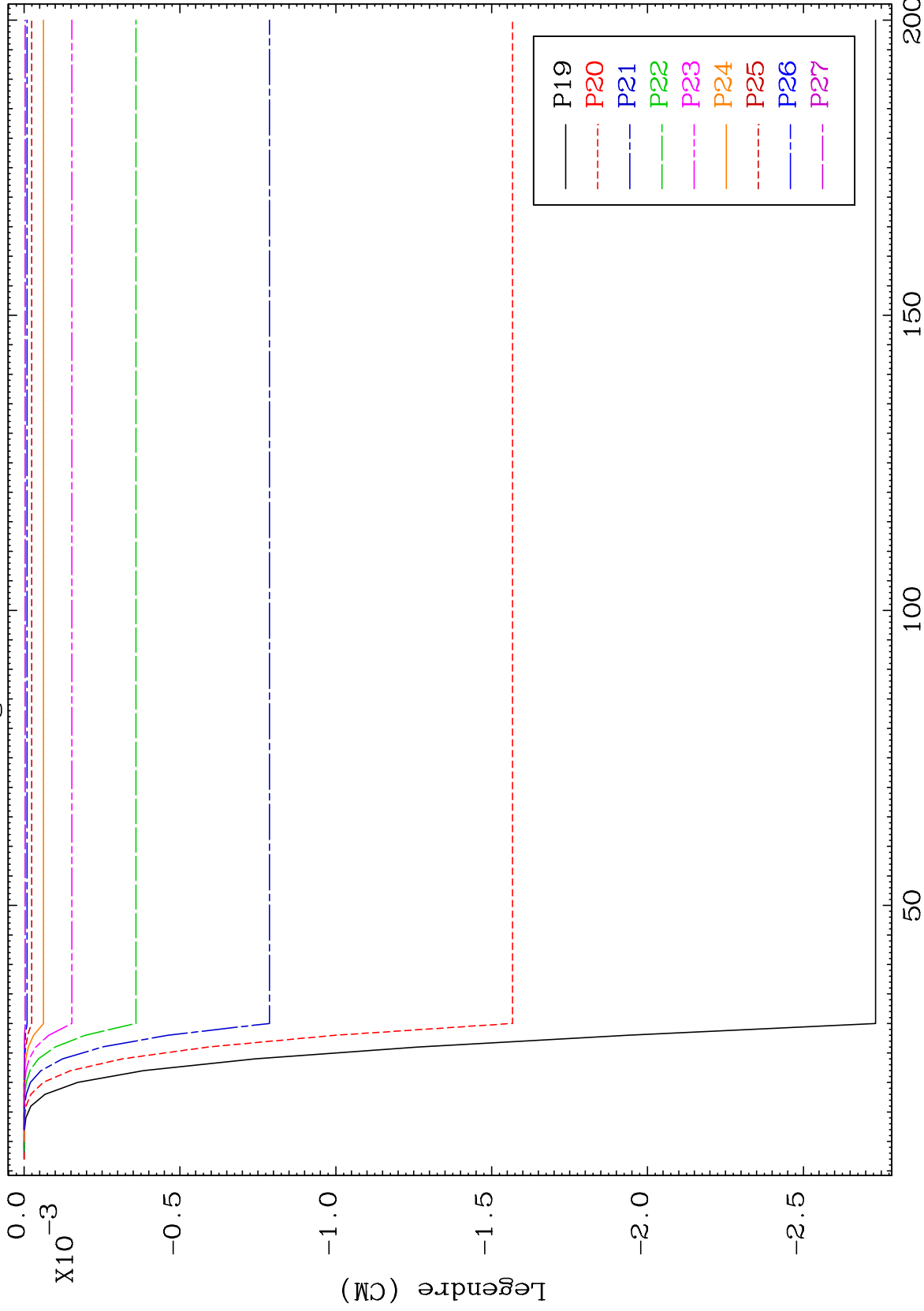
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44-Ru-105

MAT 4452

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

44-Ru-105



62

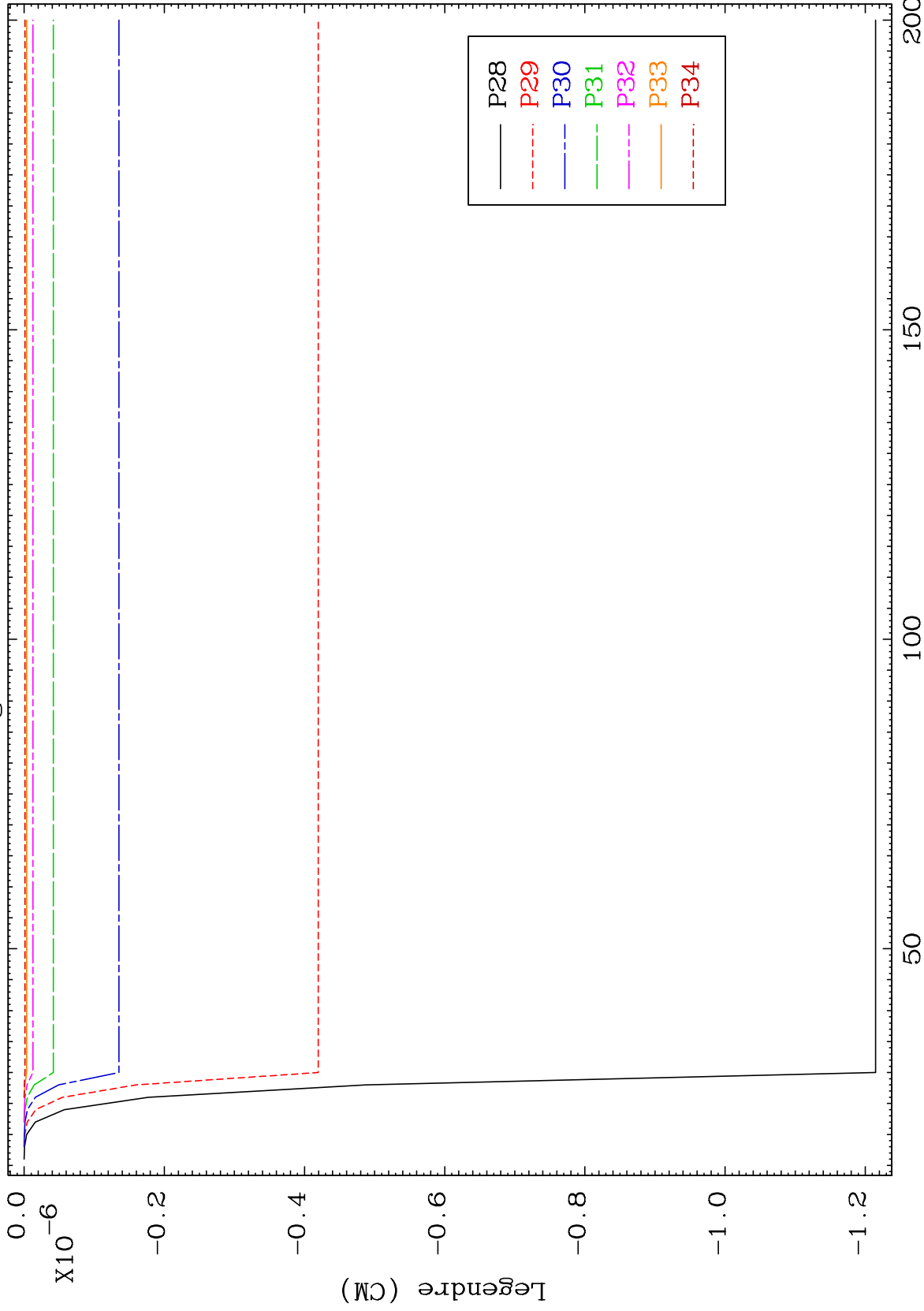
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

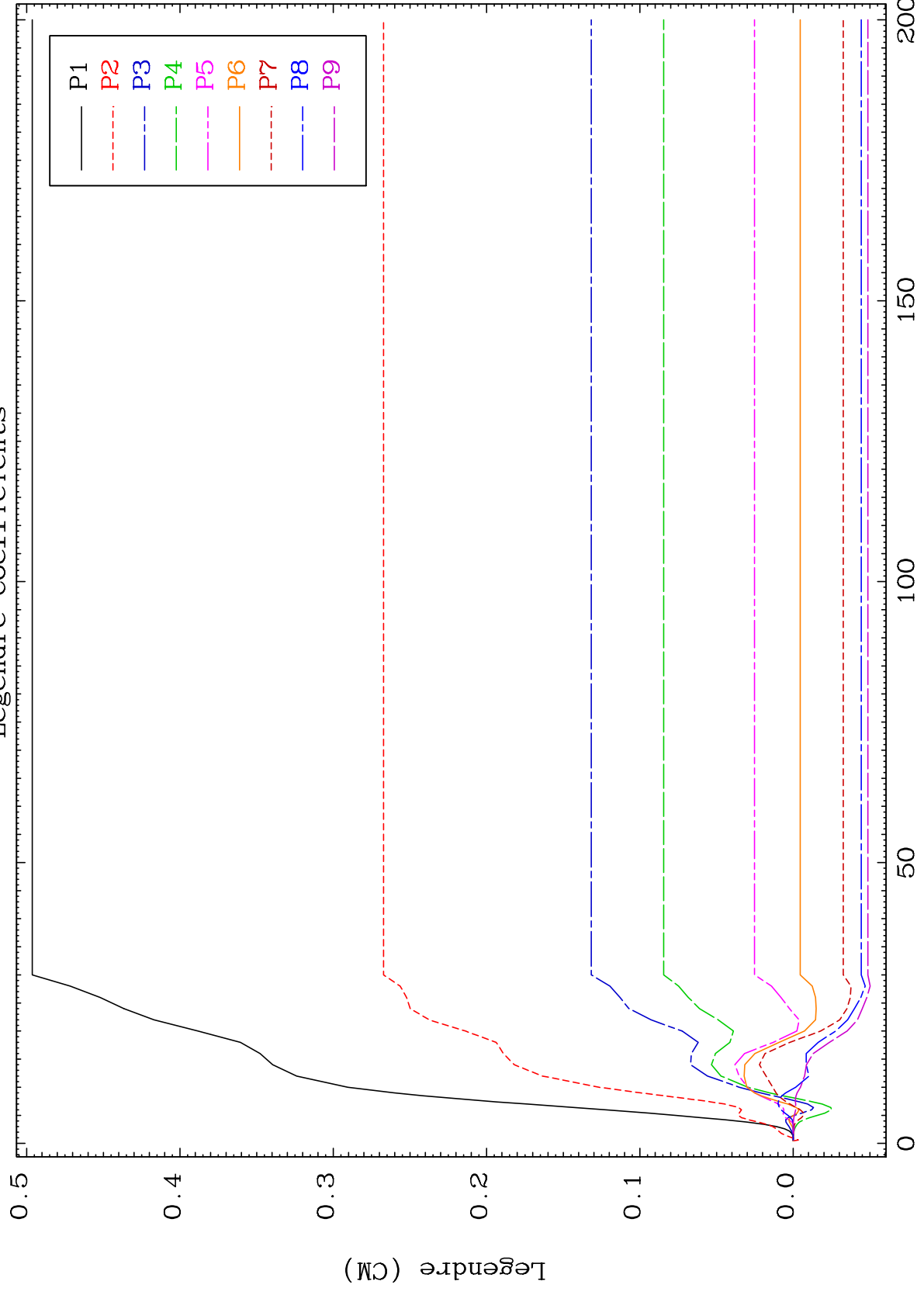


44-Ru-105

Incident Energy (MeV)

63

MAT 4452 MT= 62 (n,n') Level Legendre Coefficients 44-Ru-105

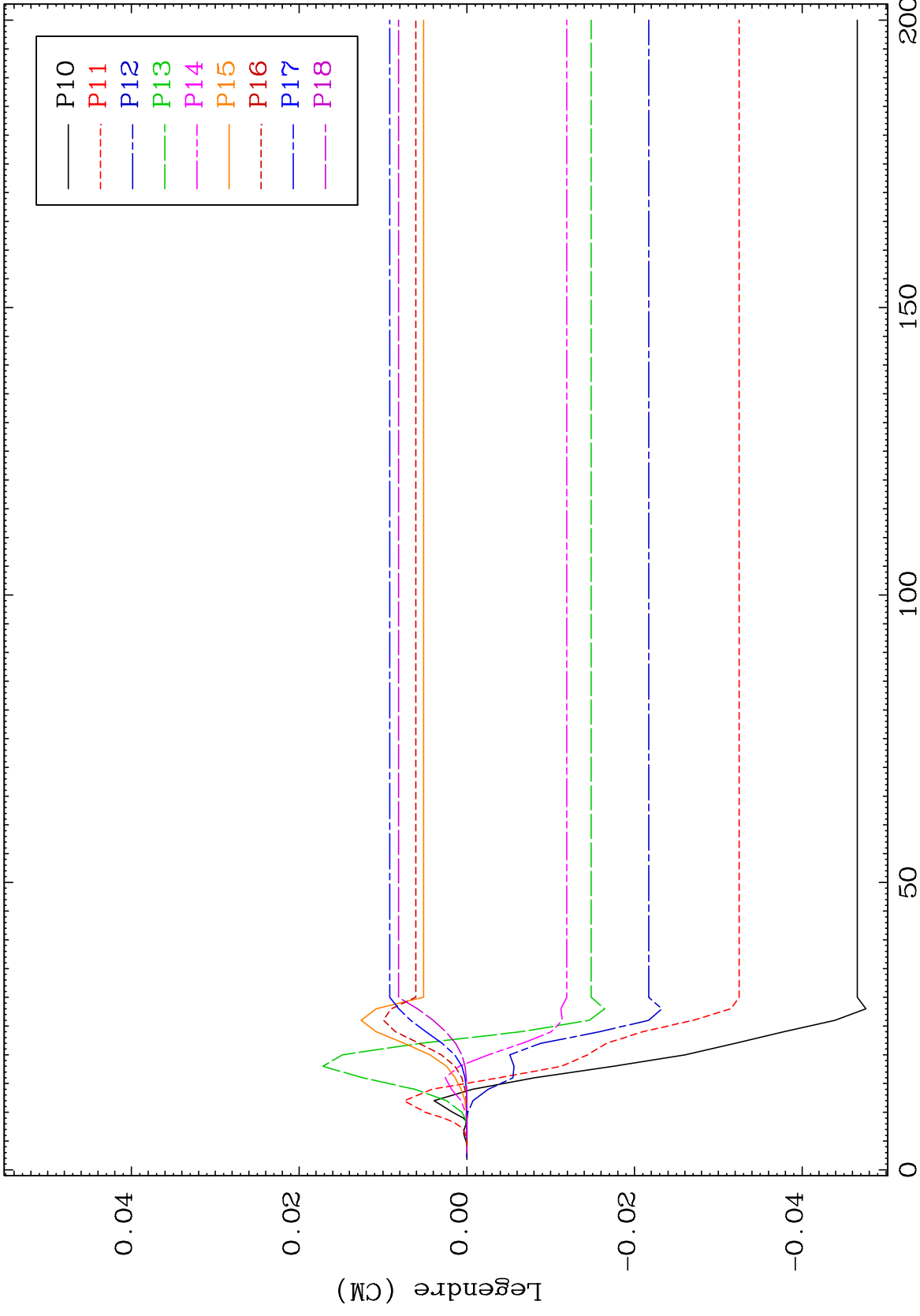


64 44-Ru-105

MAT 4452

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

44-Ru-105



65

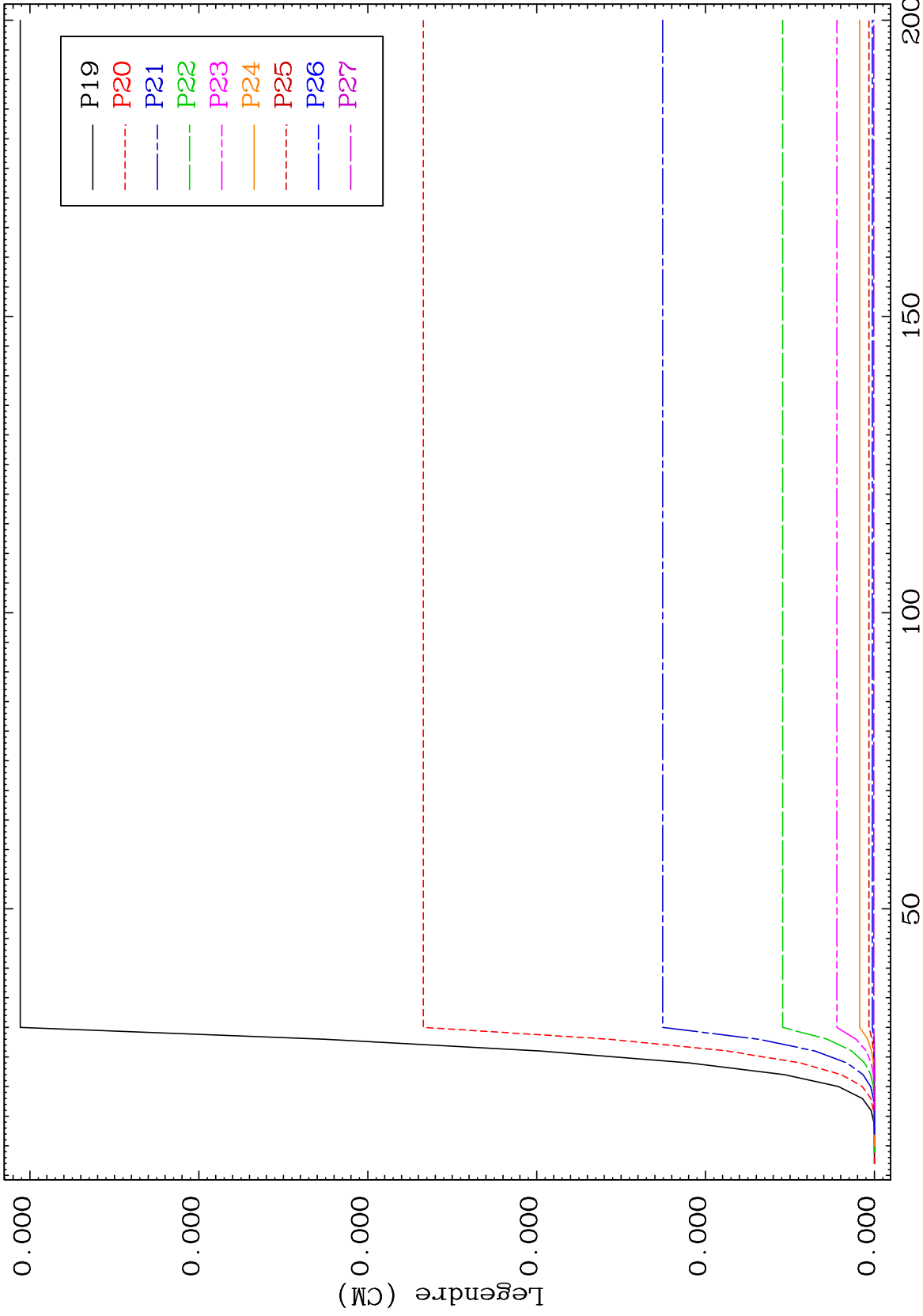
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



66

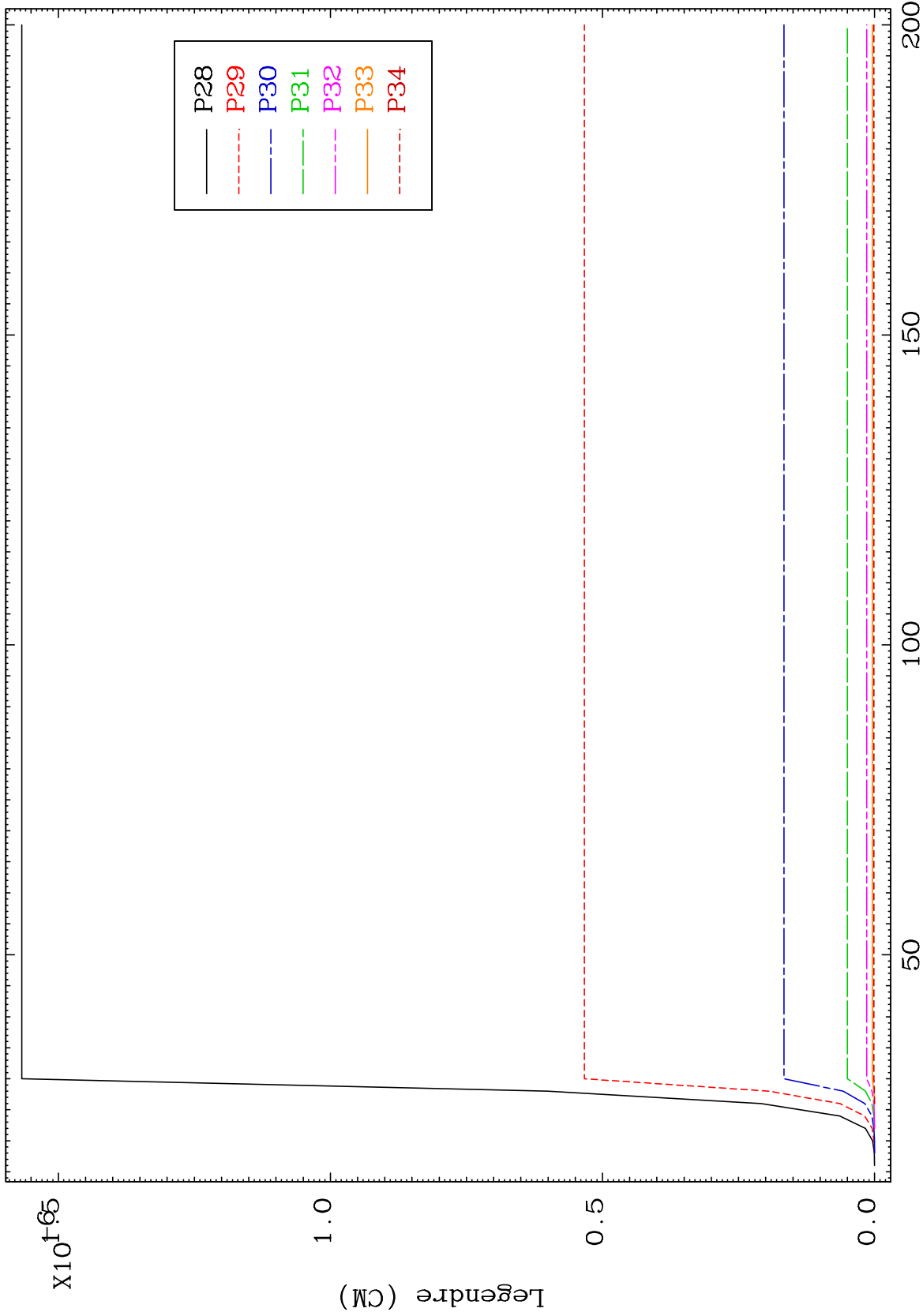
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



67

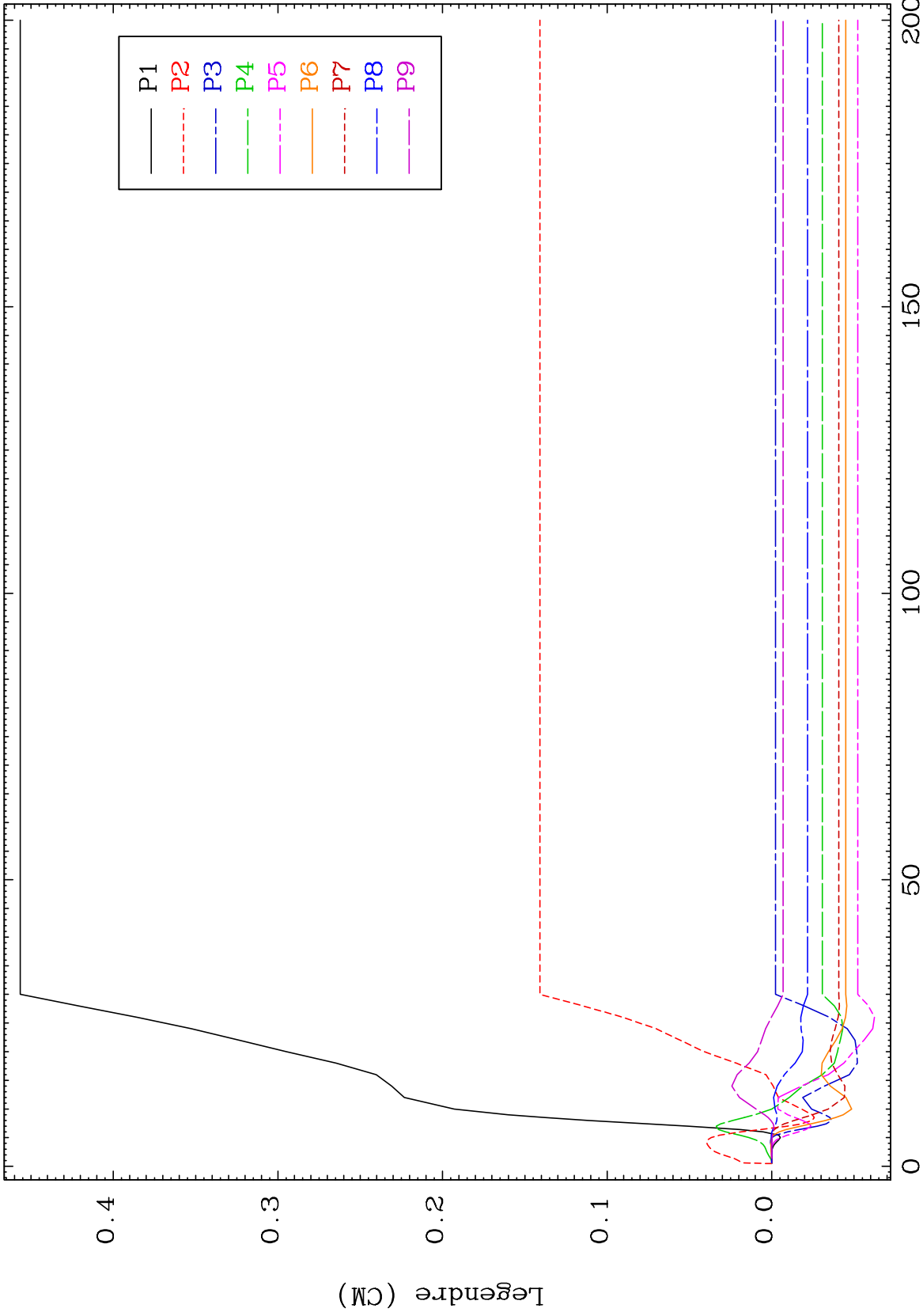
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



68

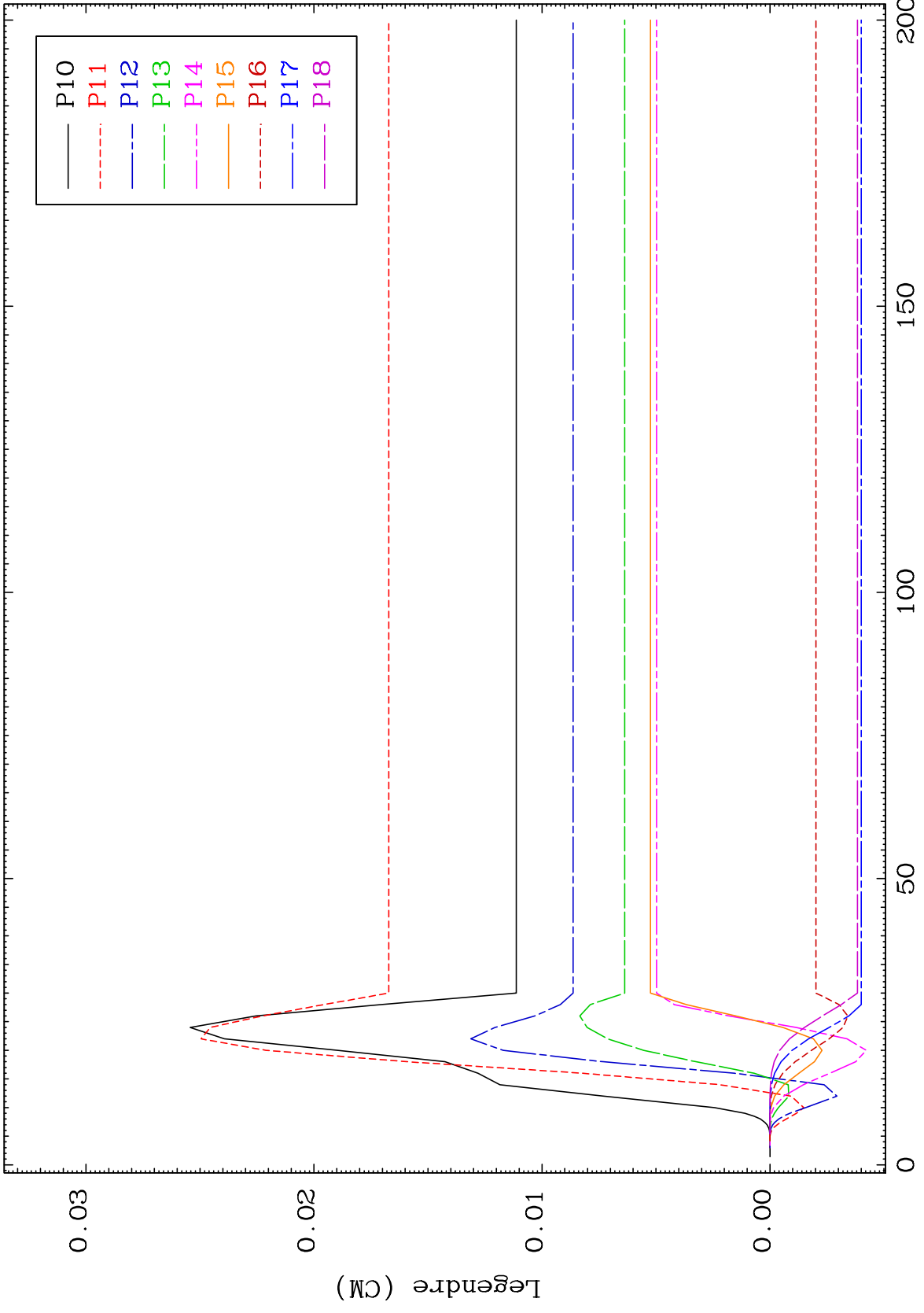
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



69

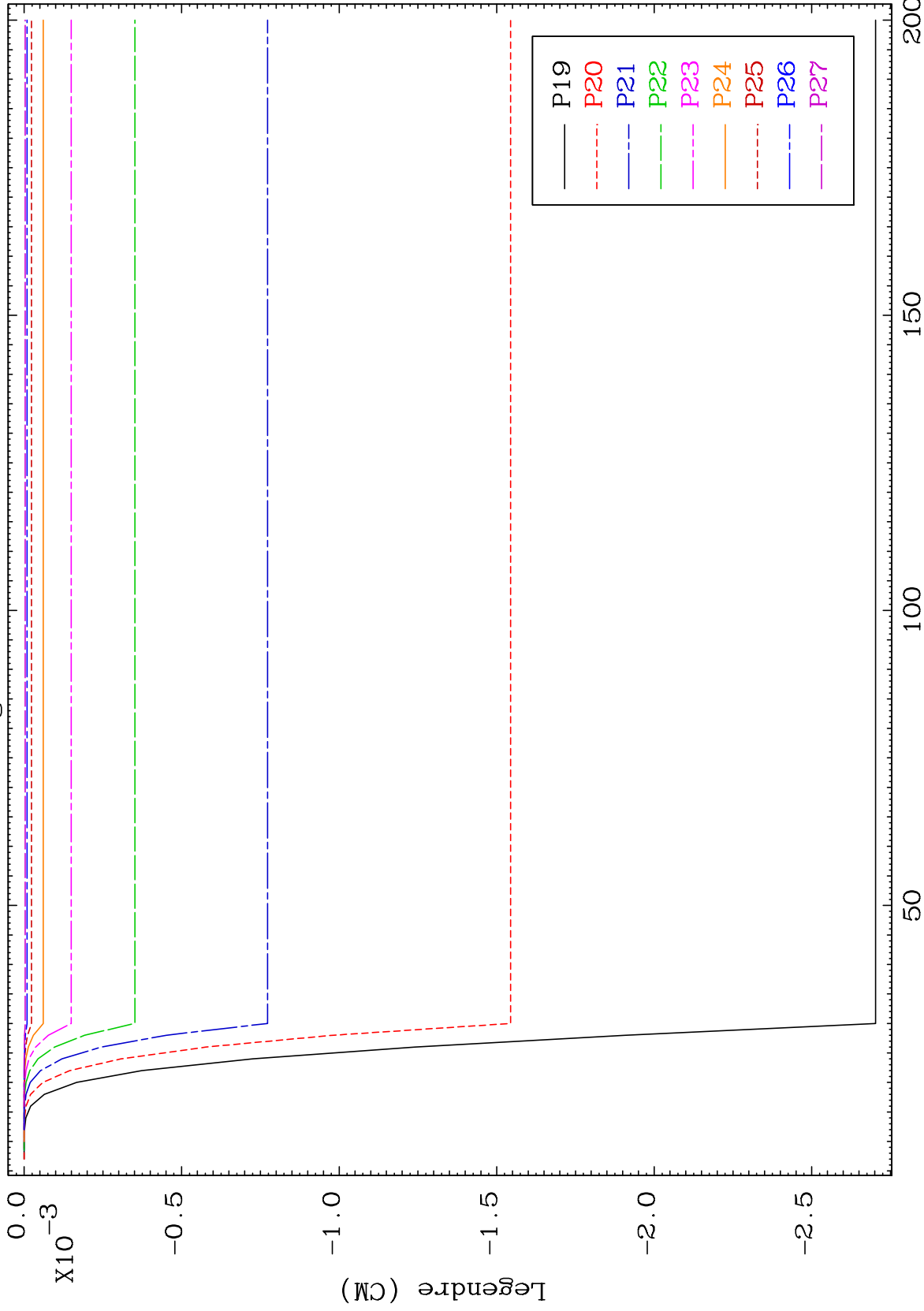
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

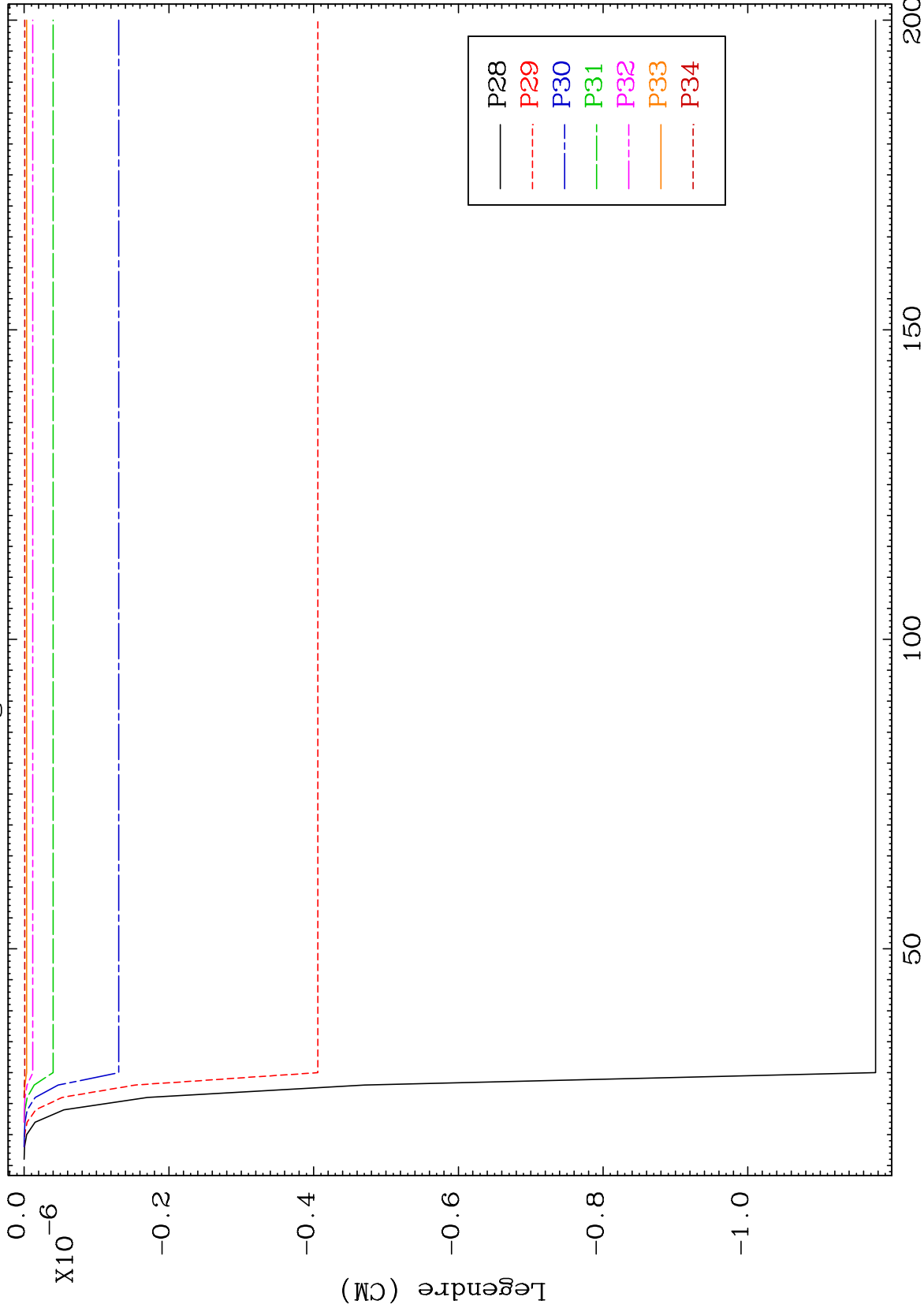
Incident Energy (MeV)

70

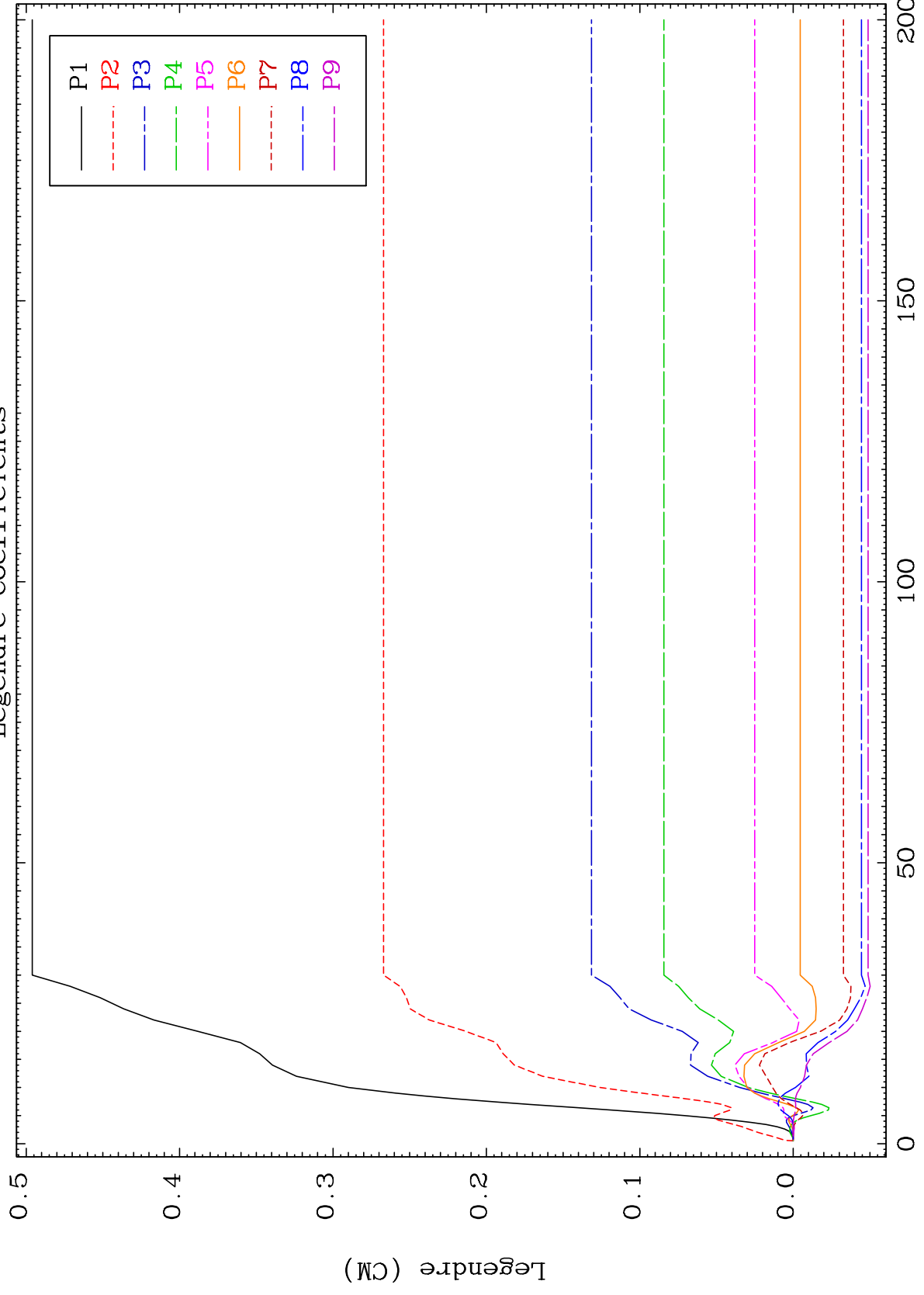
MAT 4452

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

44-Ru-105



MAT 4452 MT= 64 (n,n') Level Legendre Coefficients 44-Ru-105

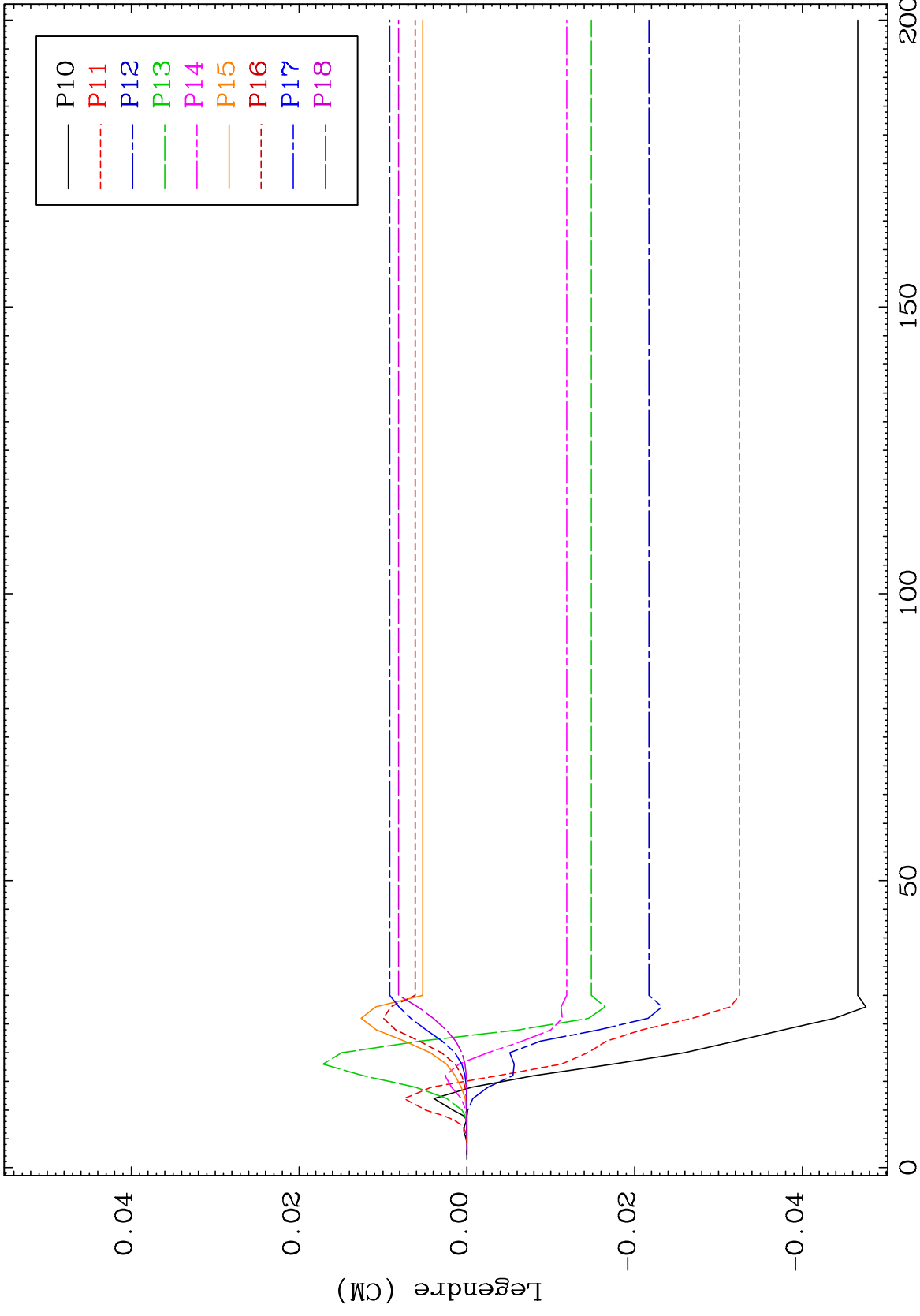


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MAT 4452

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

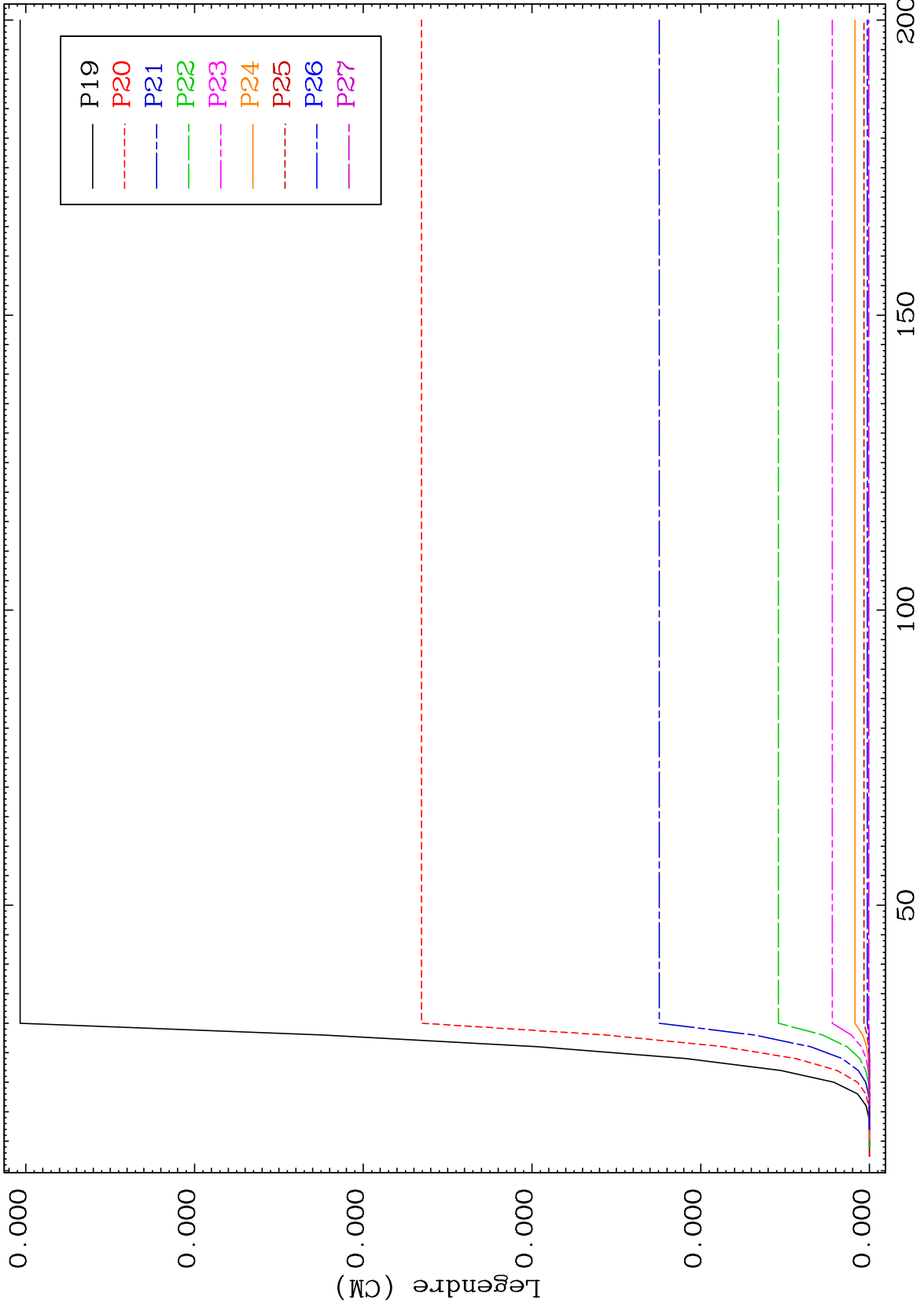
44-Ru-105



MAT 4452

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

44-Ru-105



74

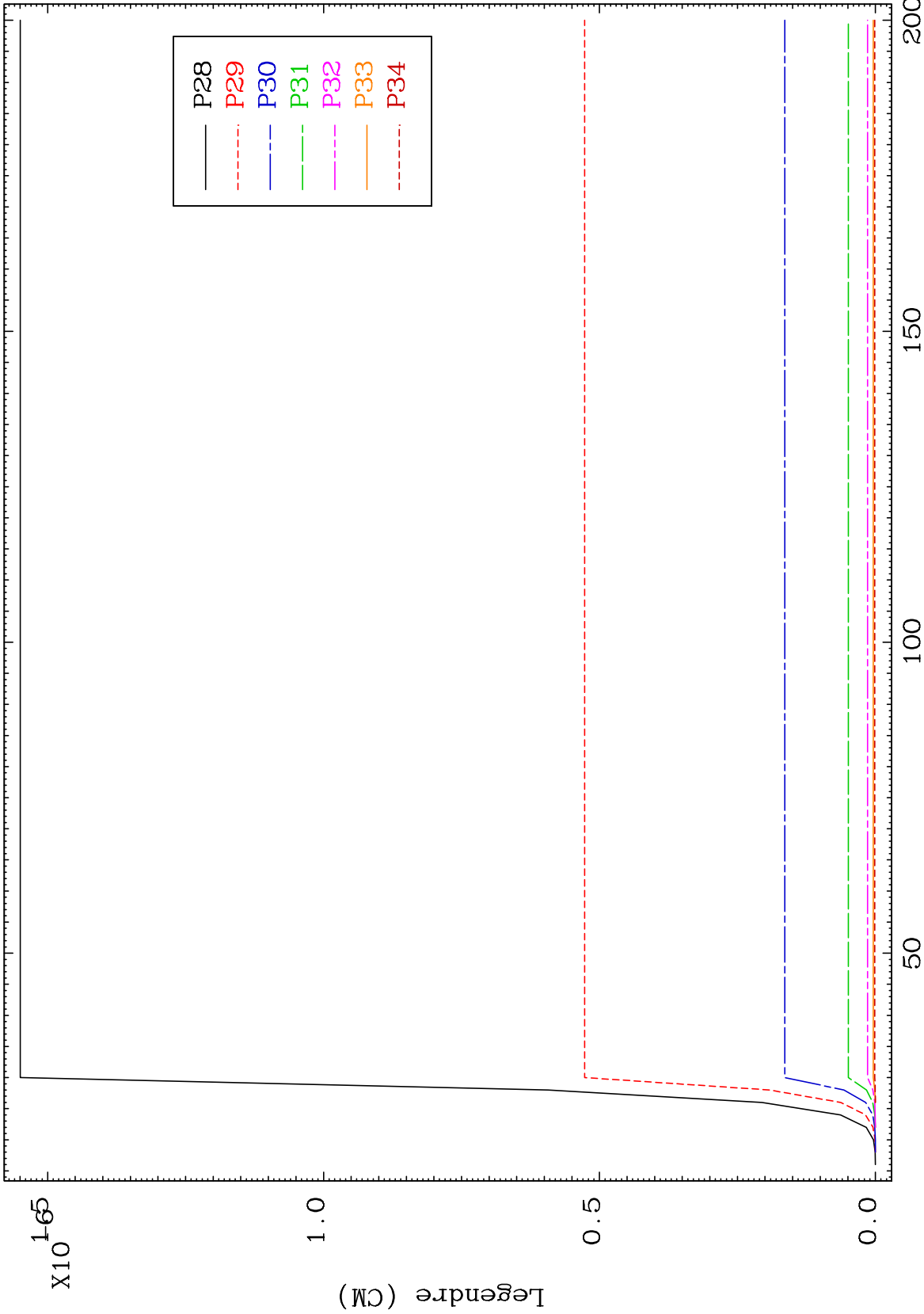
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



75

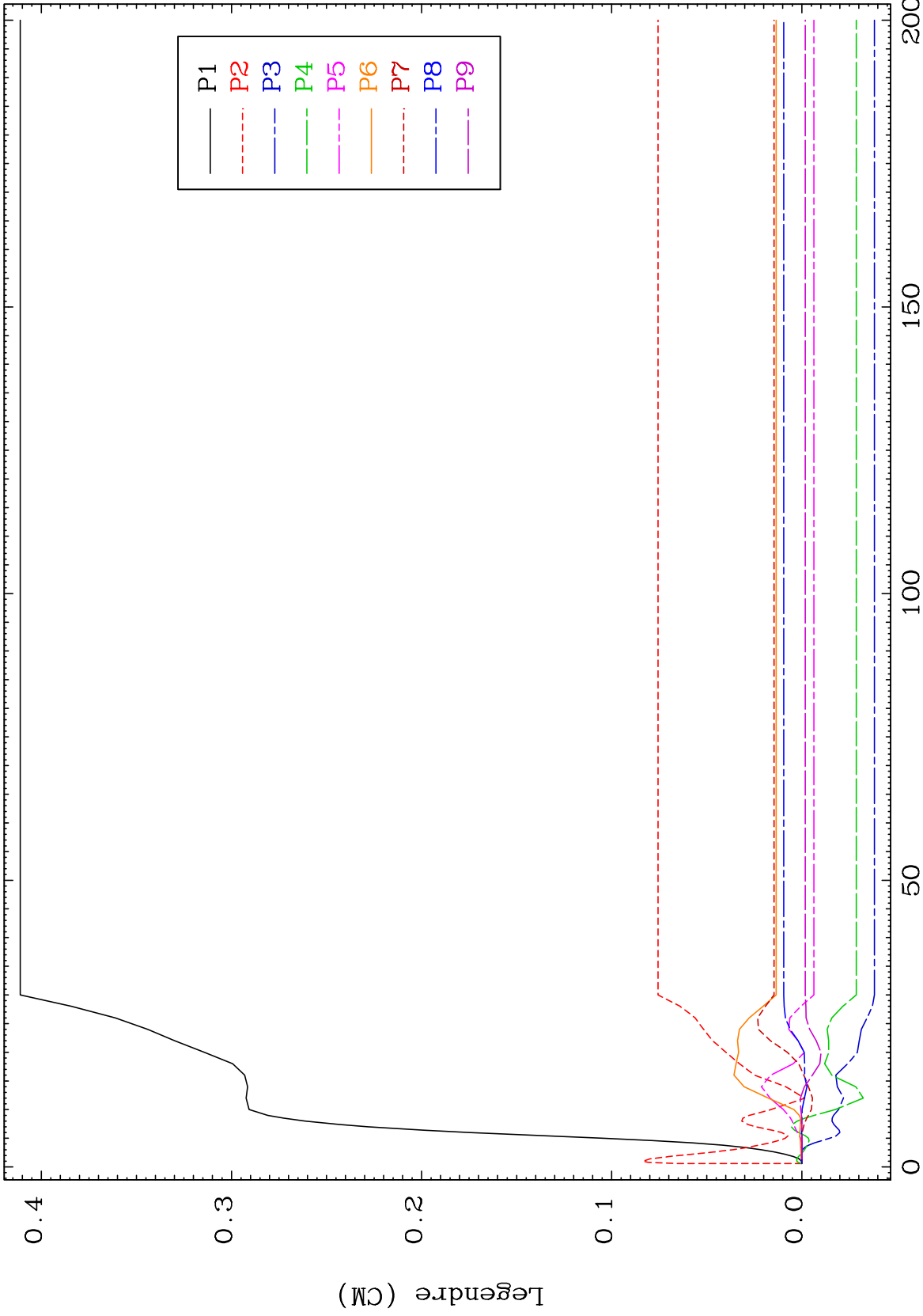
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



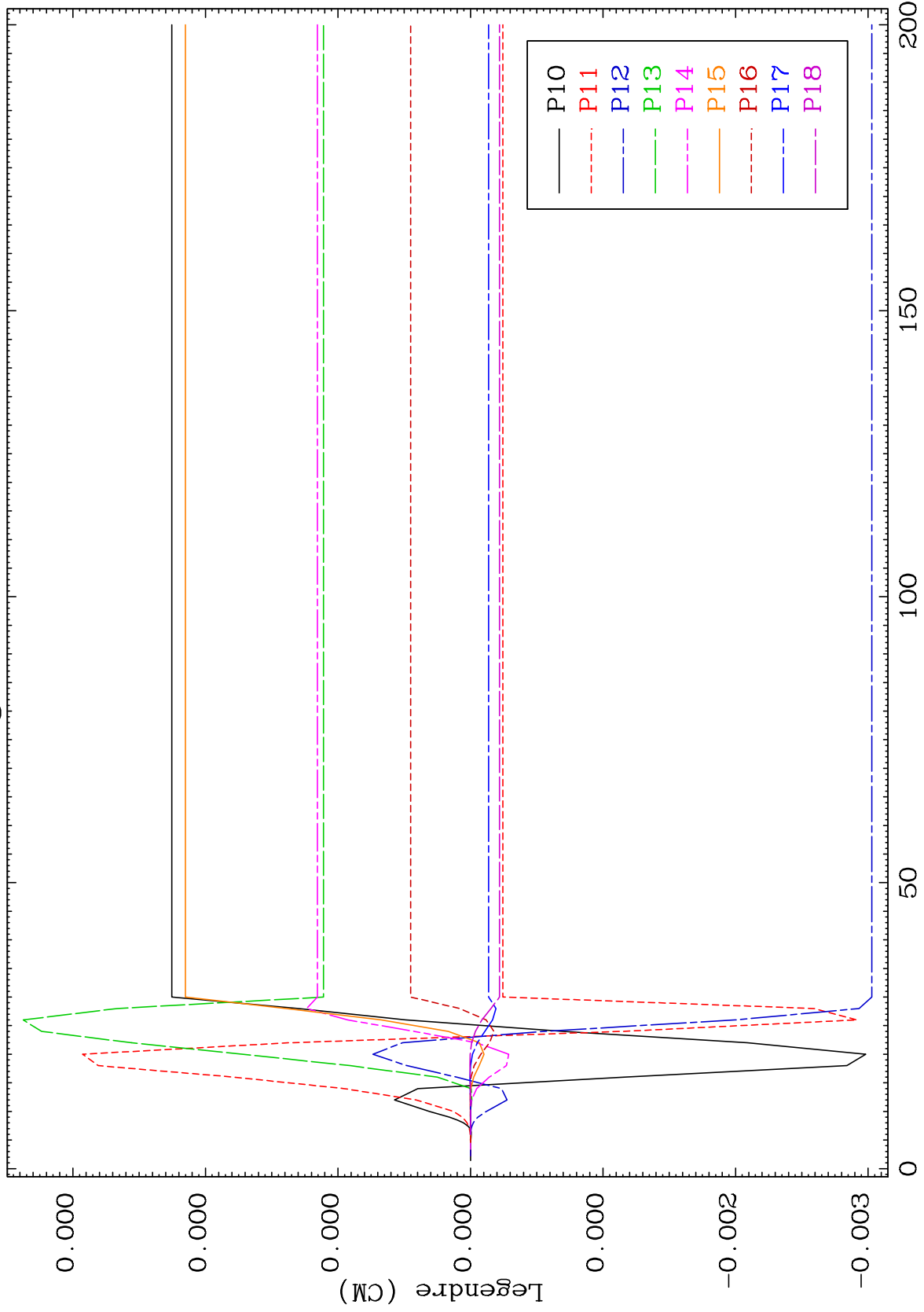
76

44-Ru-105

MAT 4452

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

44-Ru-105



77

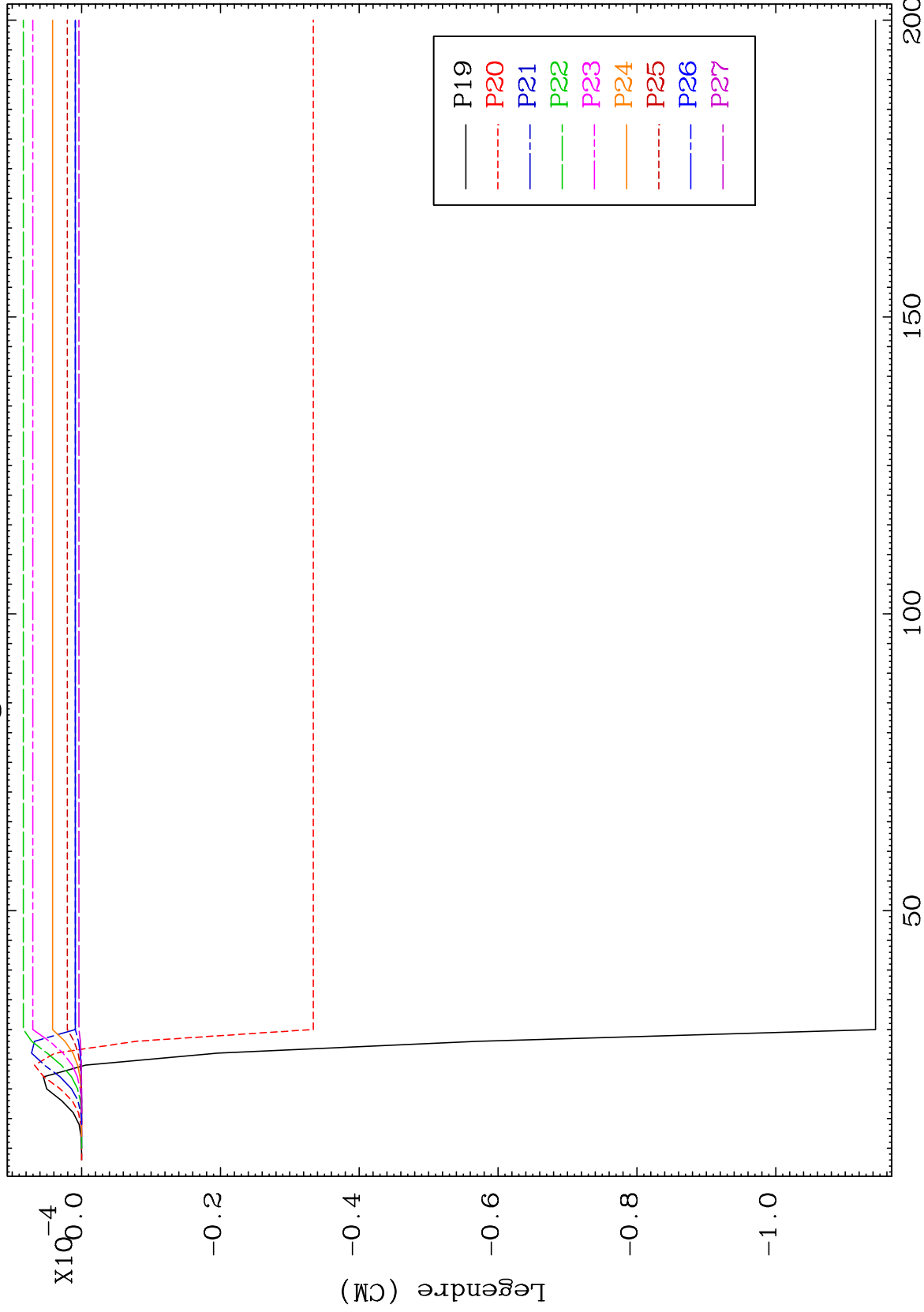
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



78

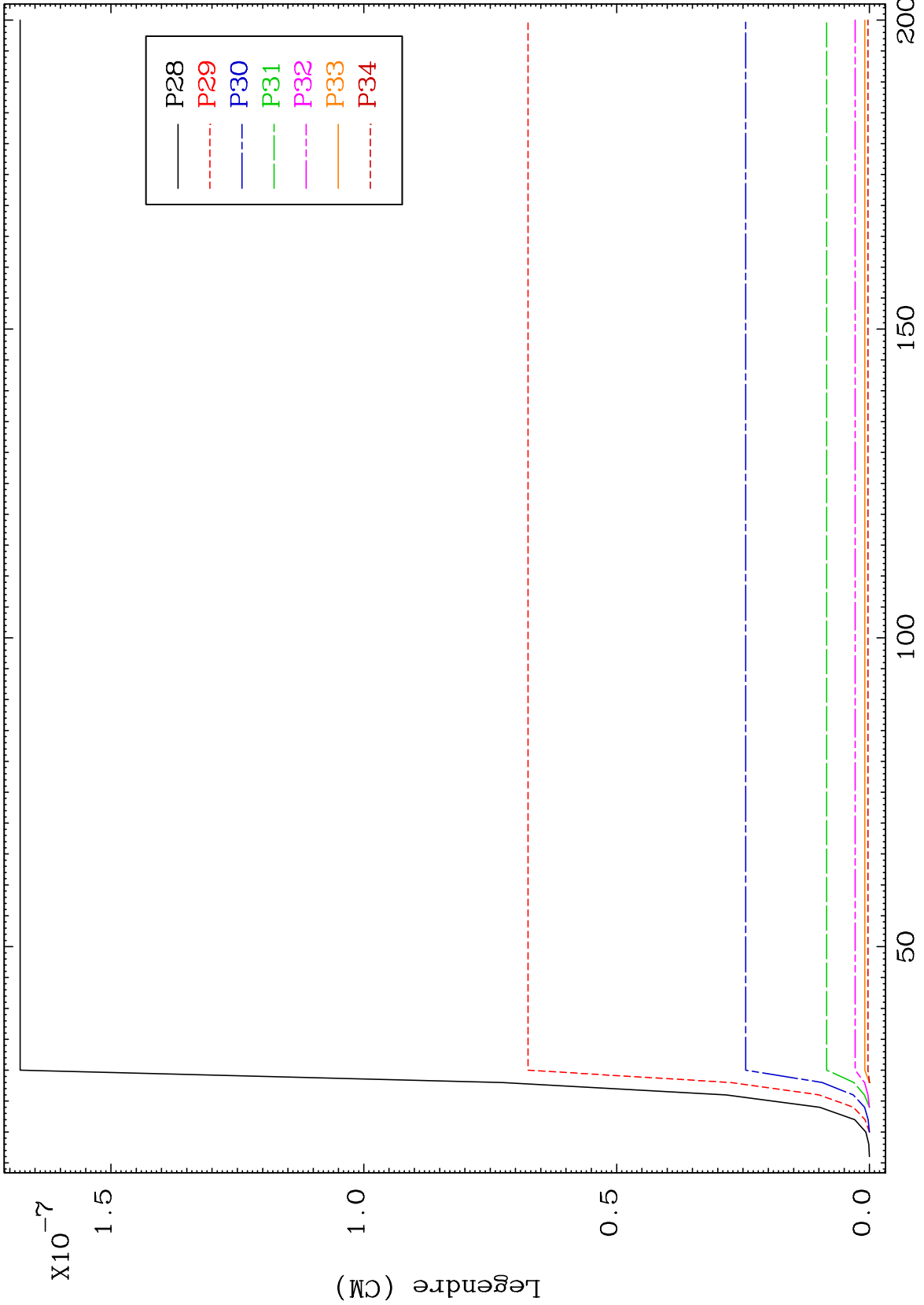
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



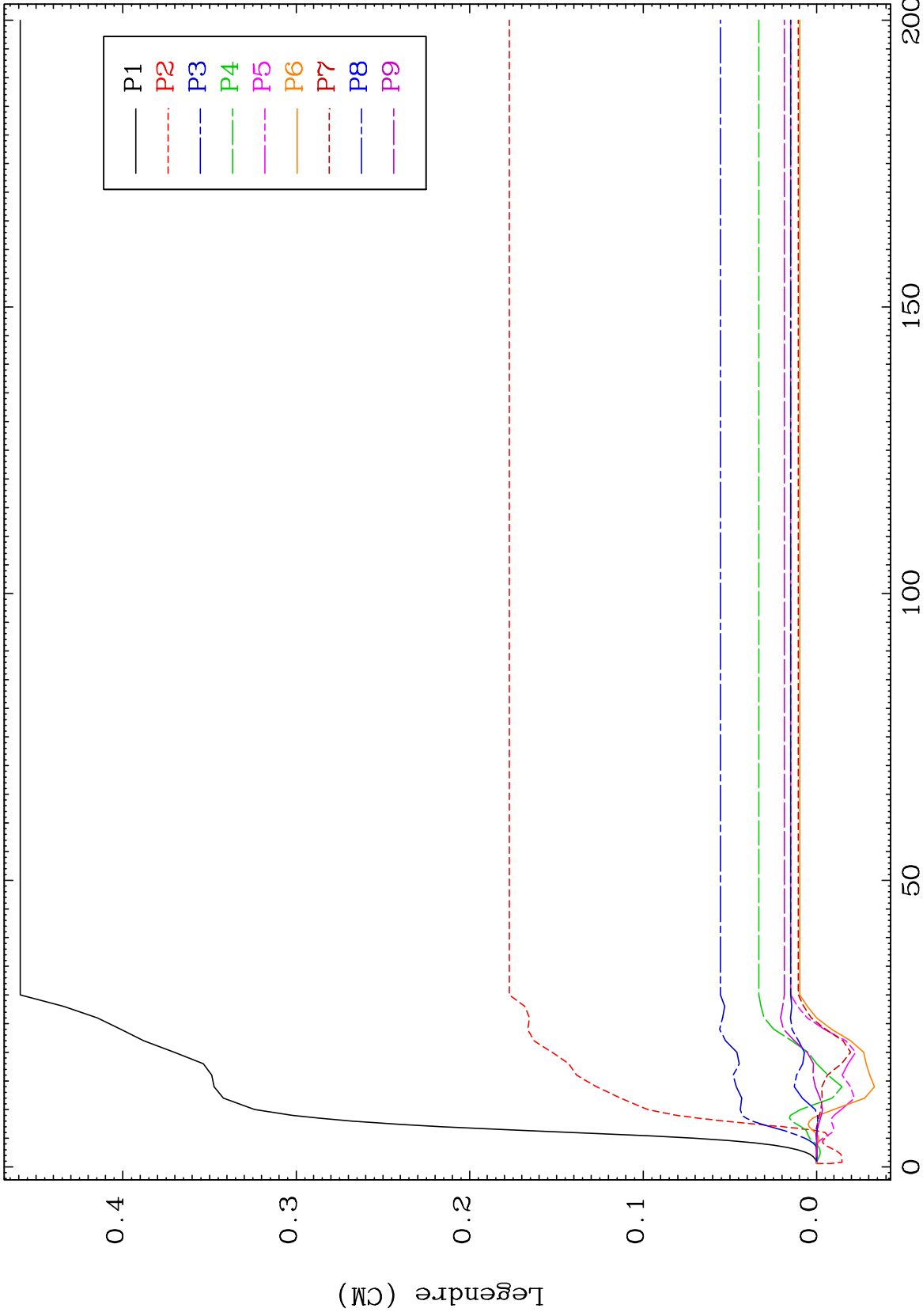
79

44-Ru-105

MAT 4452

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

44-Ru-105



80

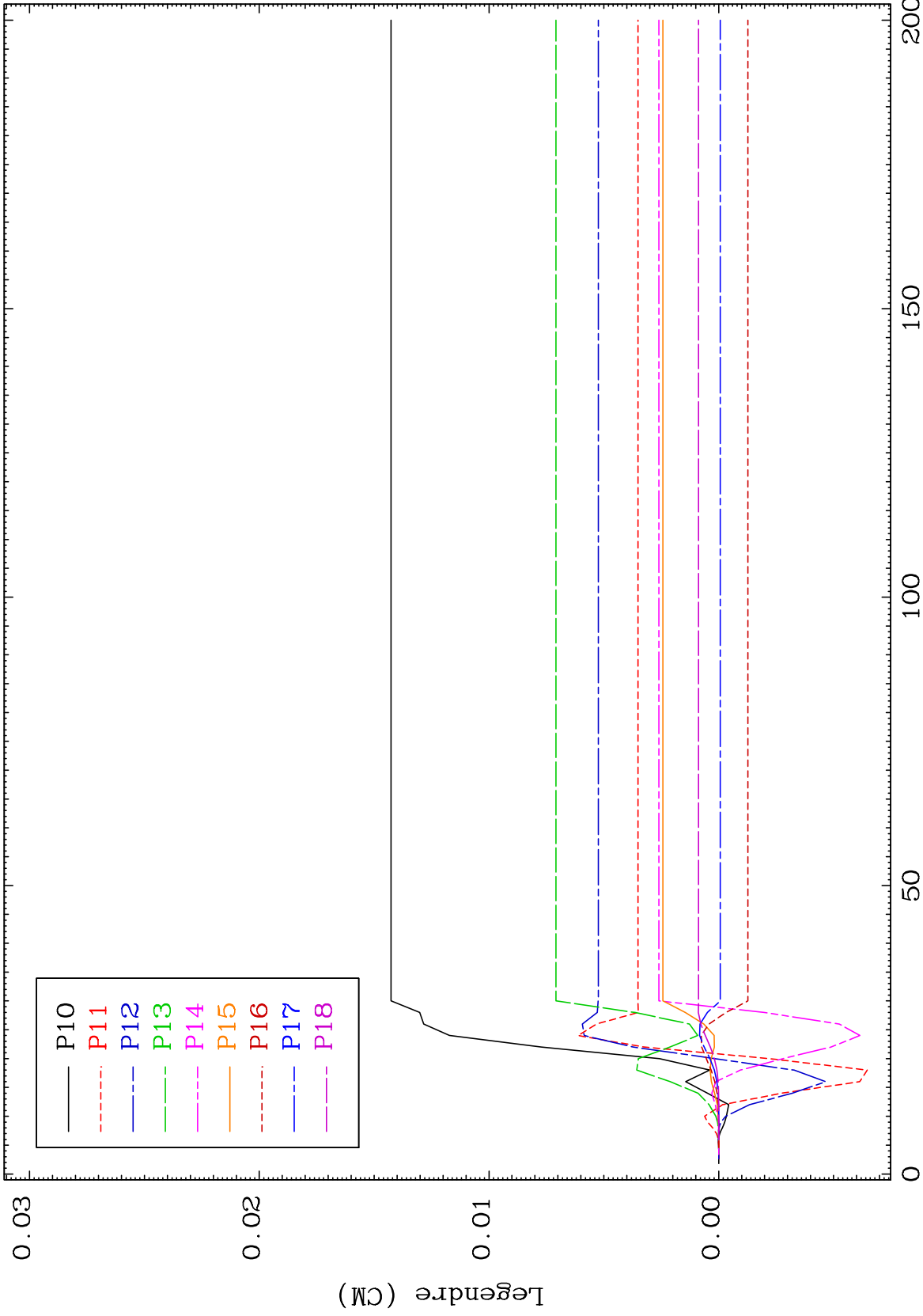
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



81

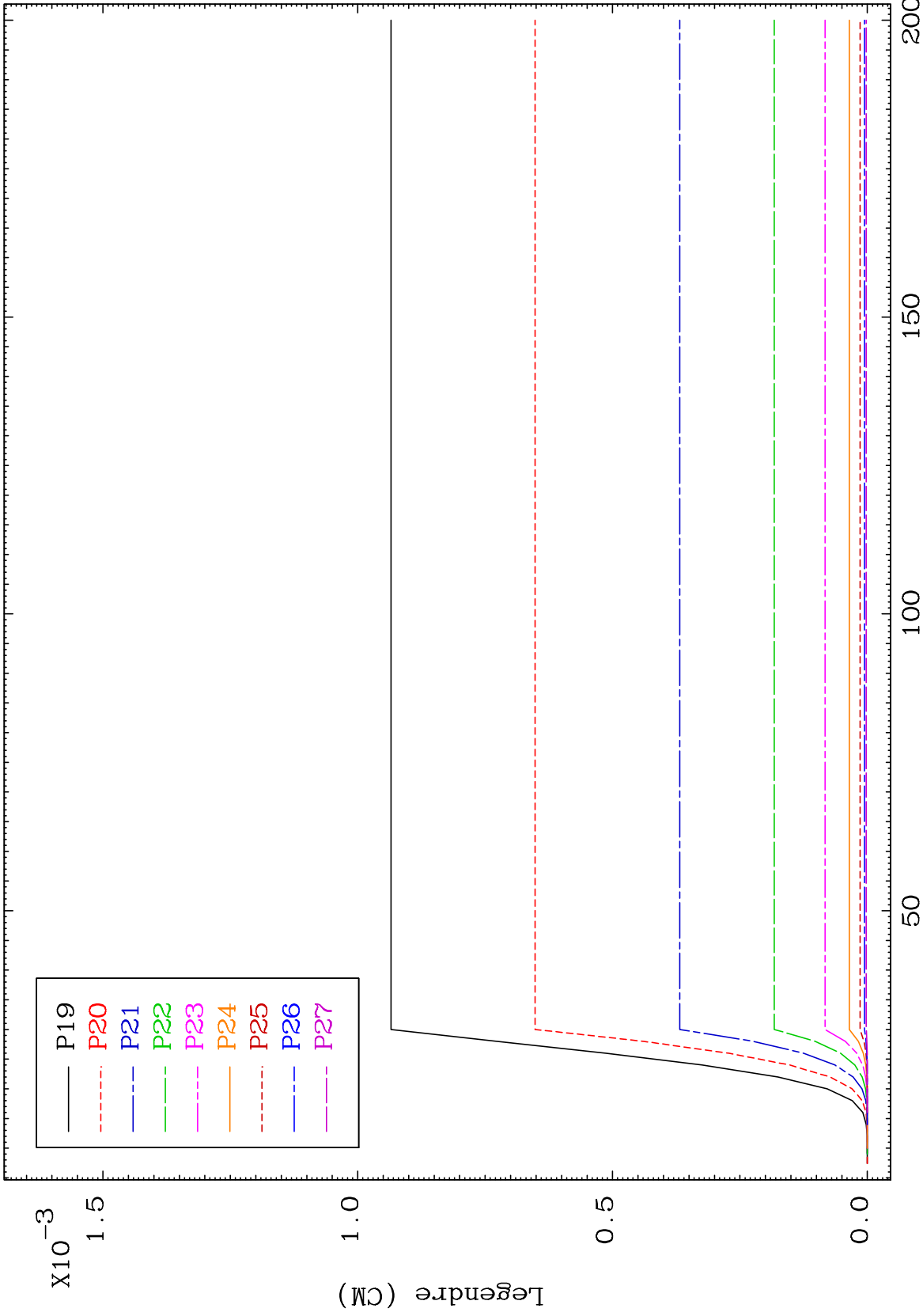
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



82

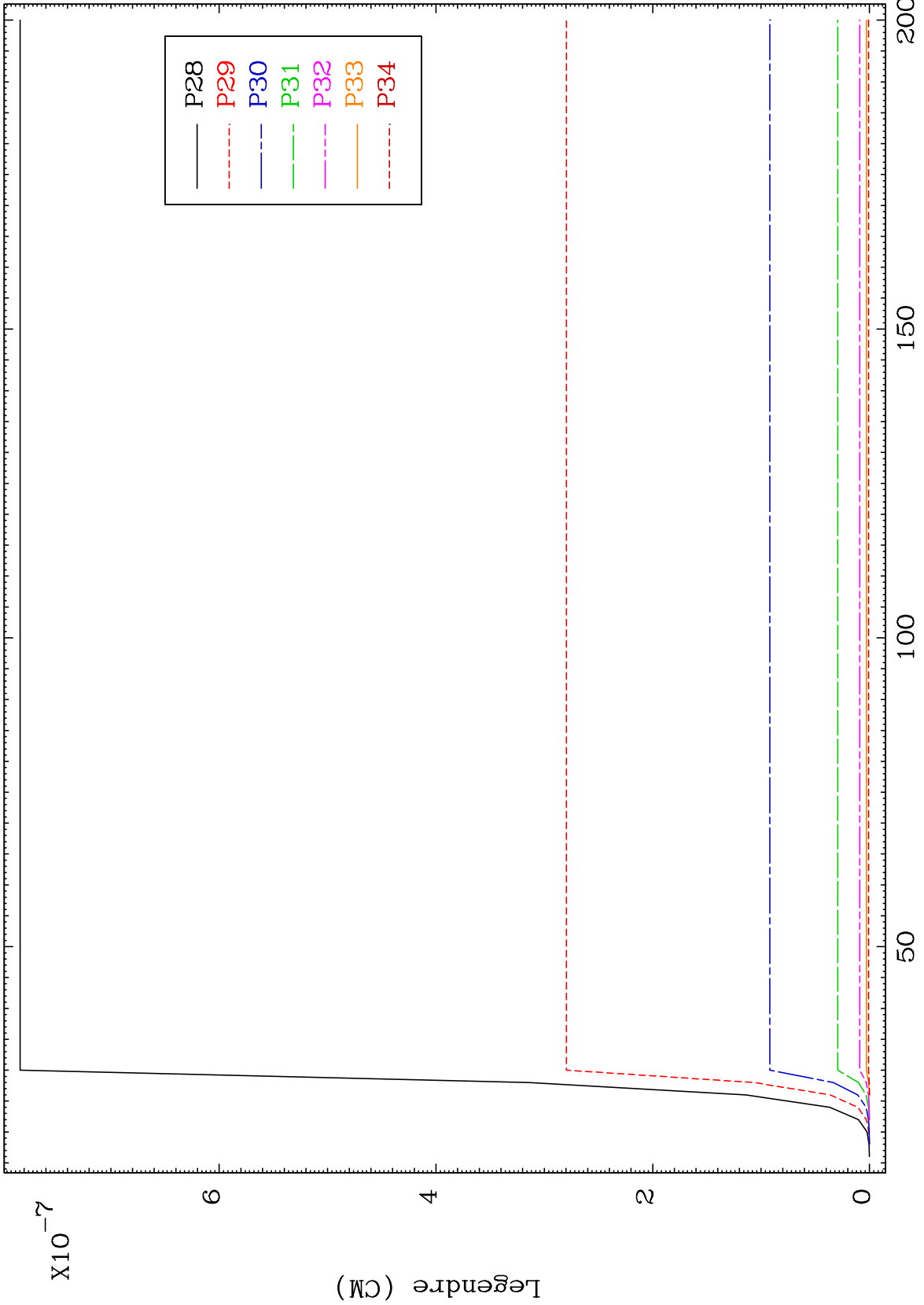
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

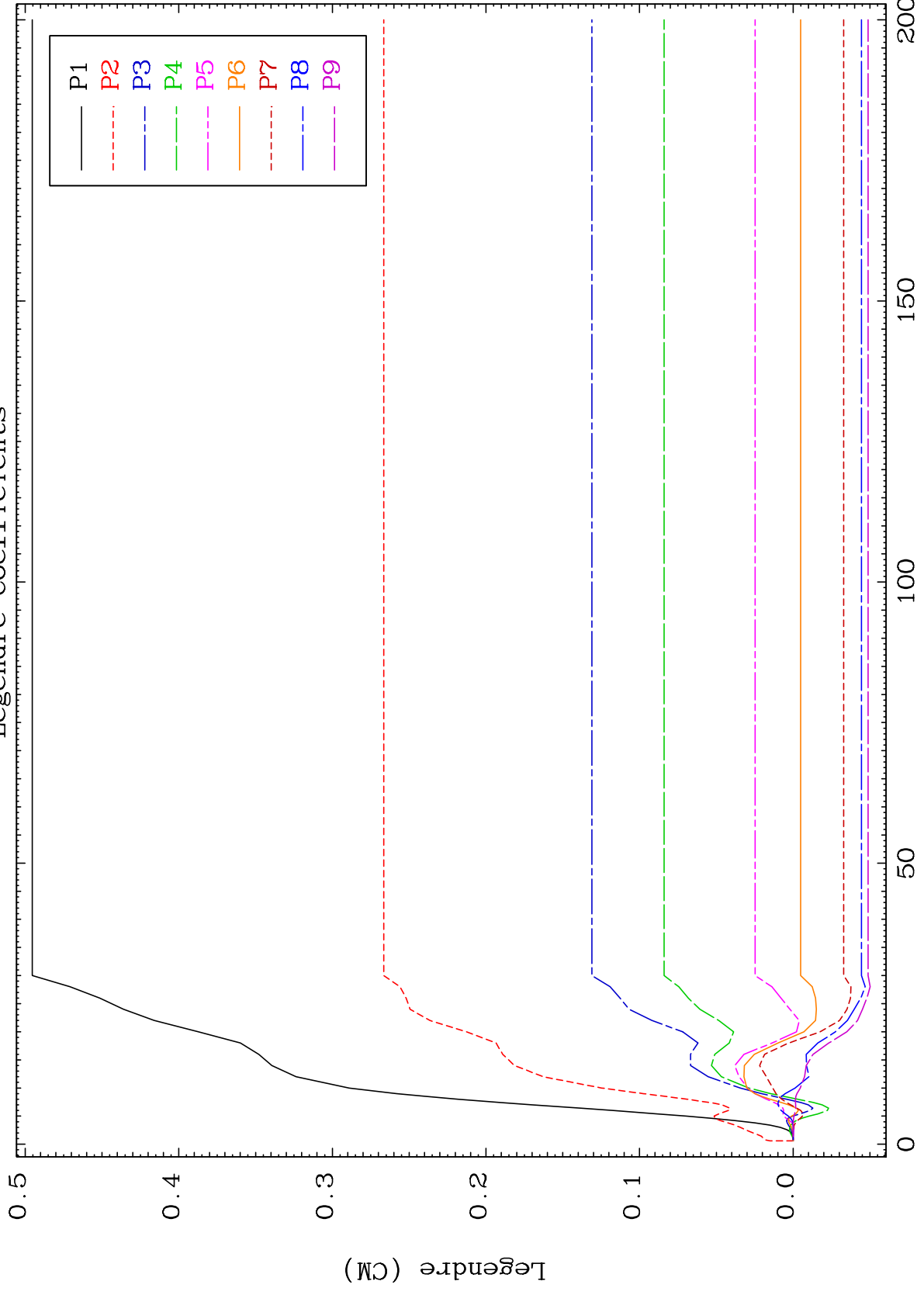
44-Ru-105



83

44-Ru-105

MAT 4452 MT= 67 (n,n') Level Legendre Coefficients 44-Ru-105

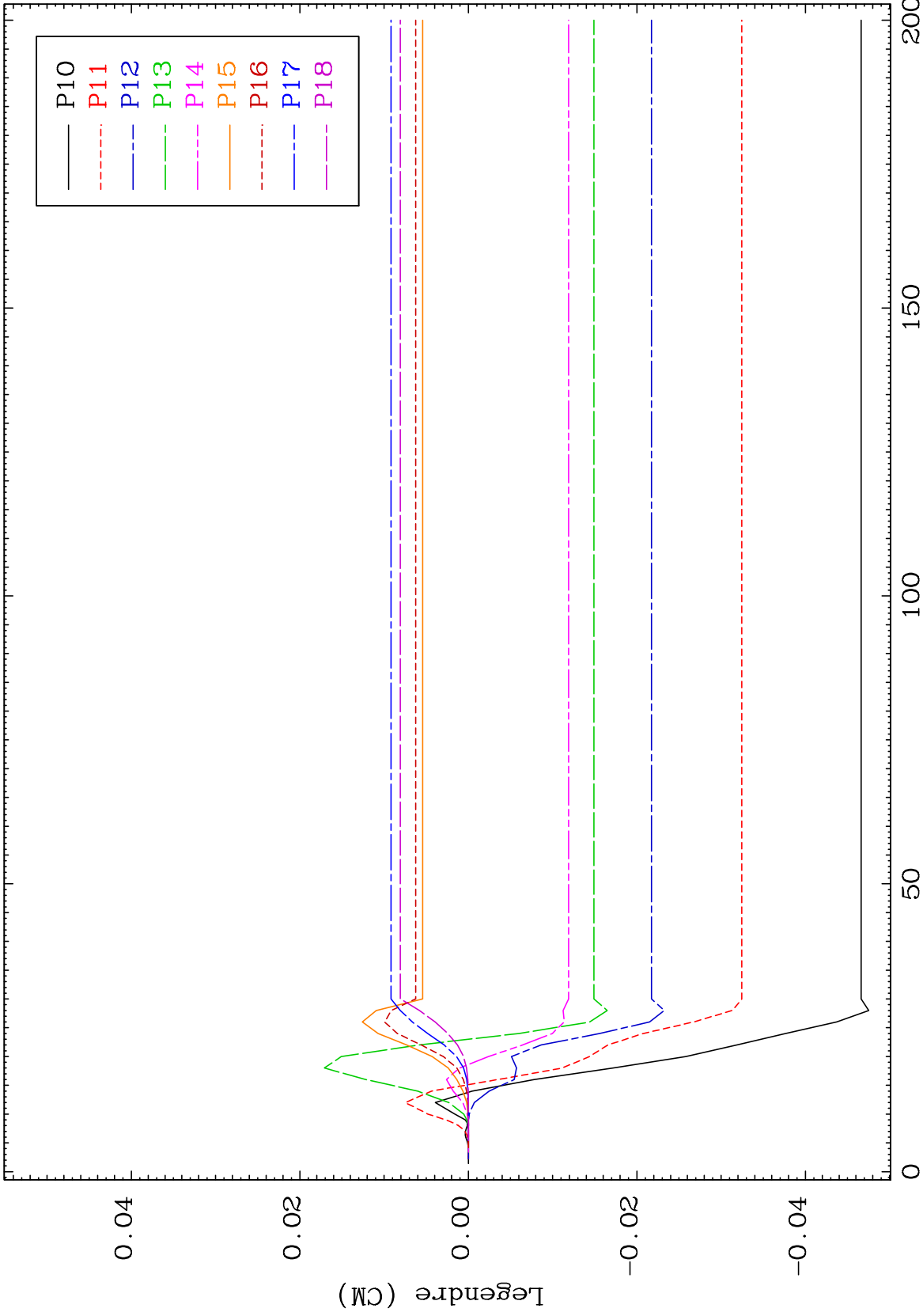


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MAT 4452

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

44-Ru-105



85

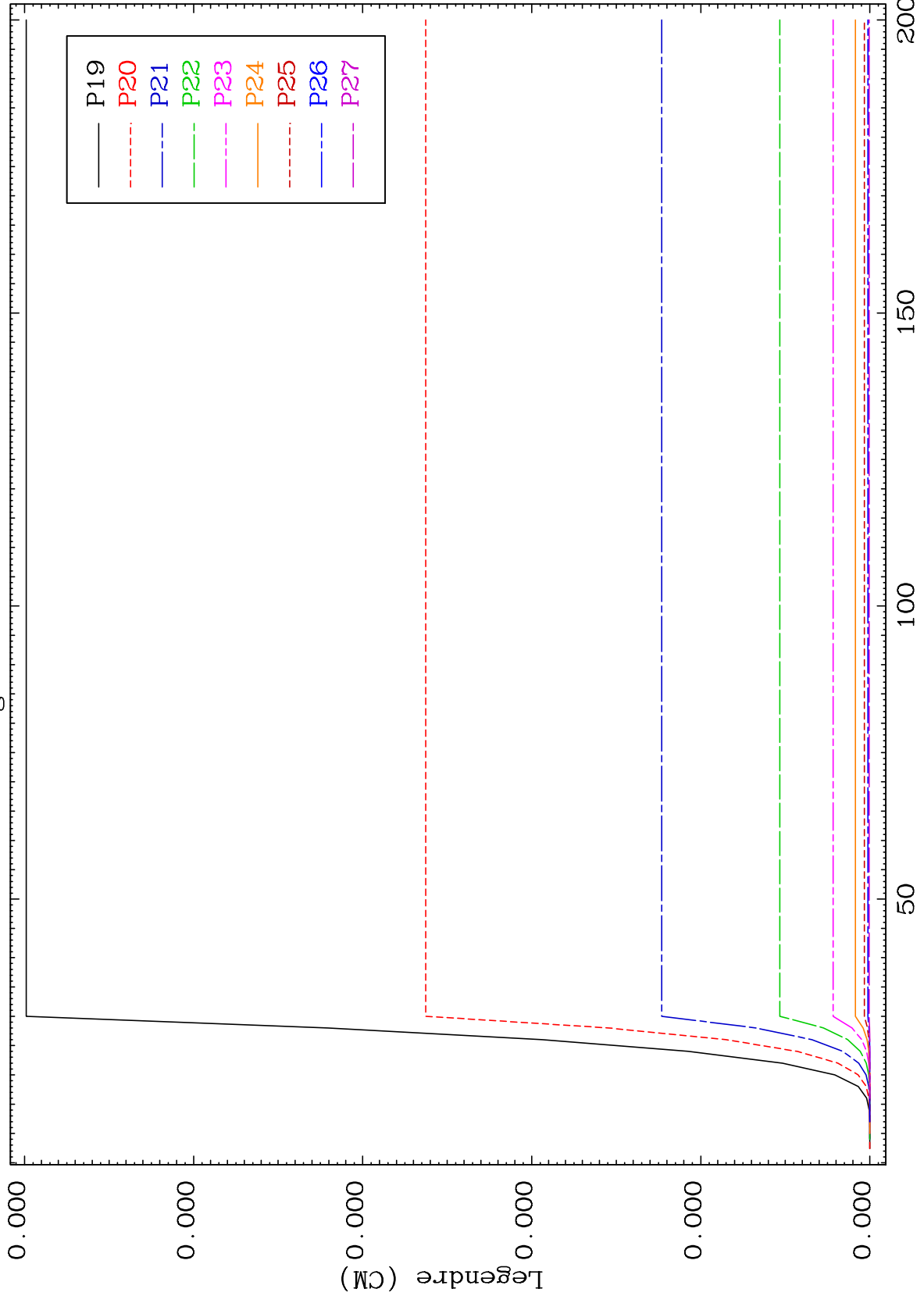
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



86

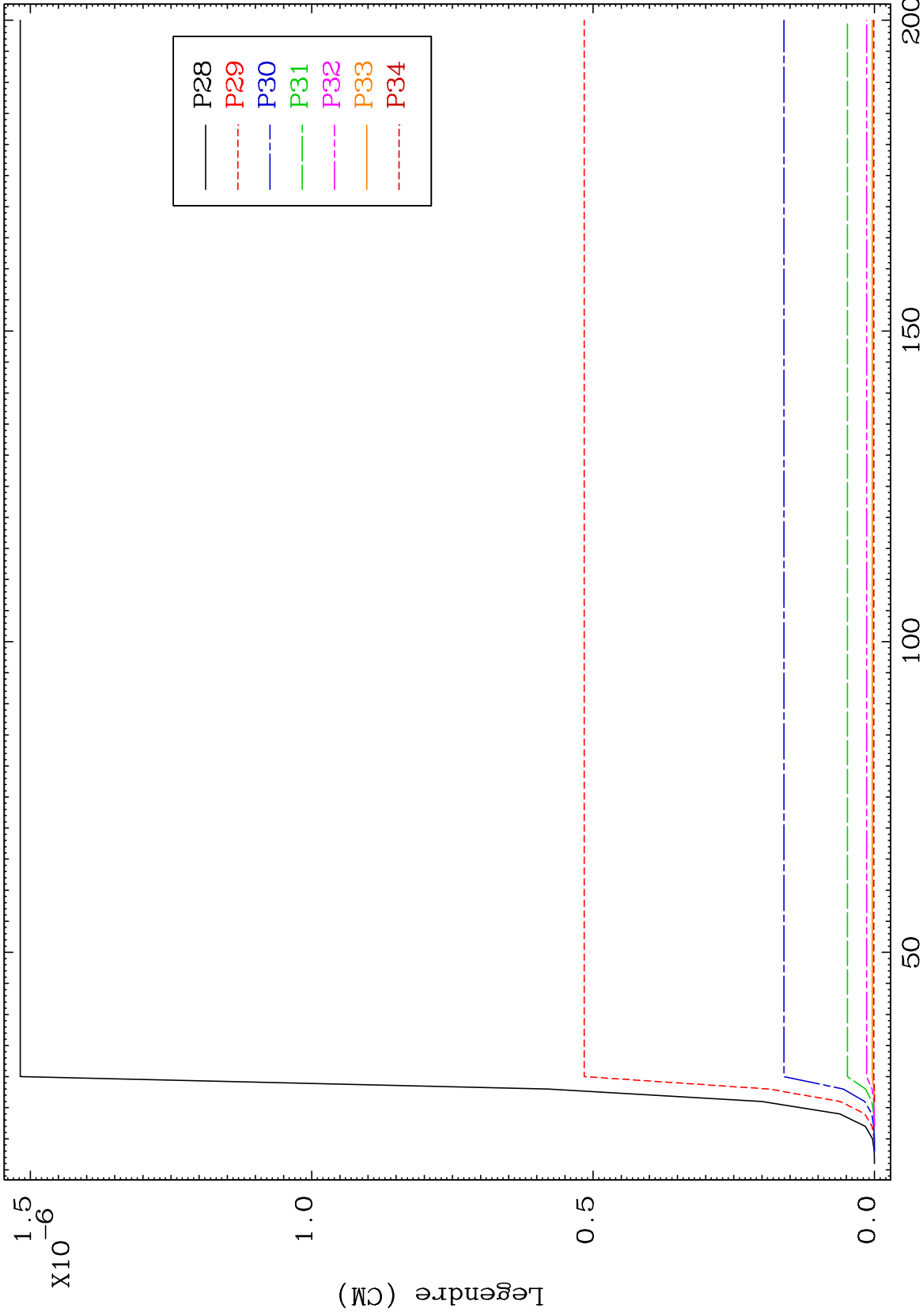
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

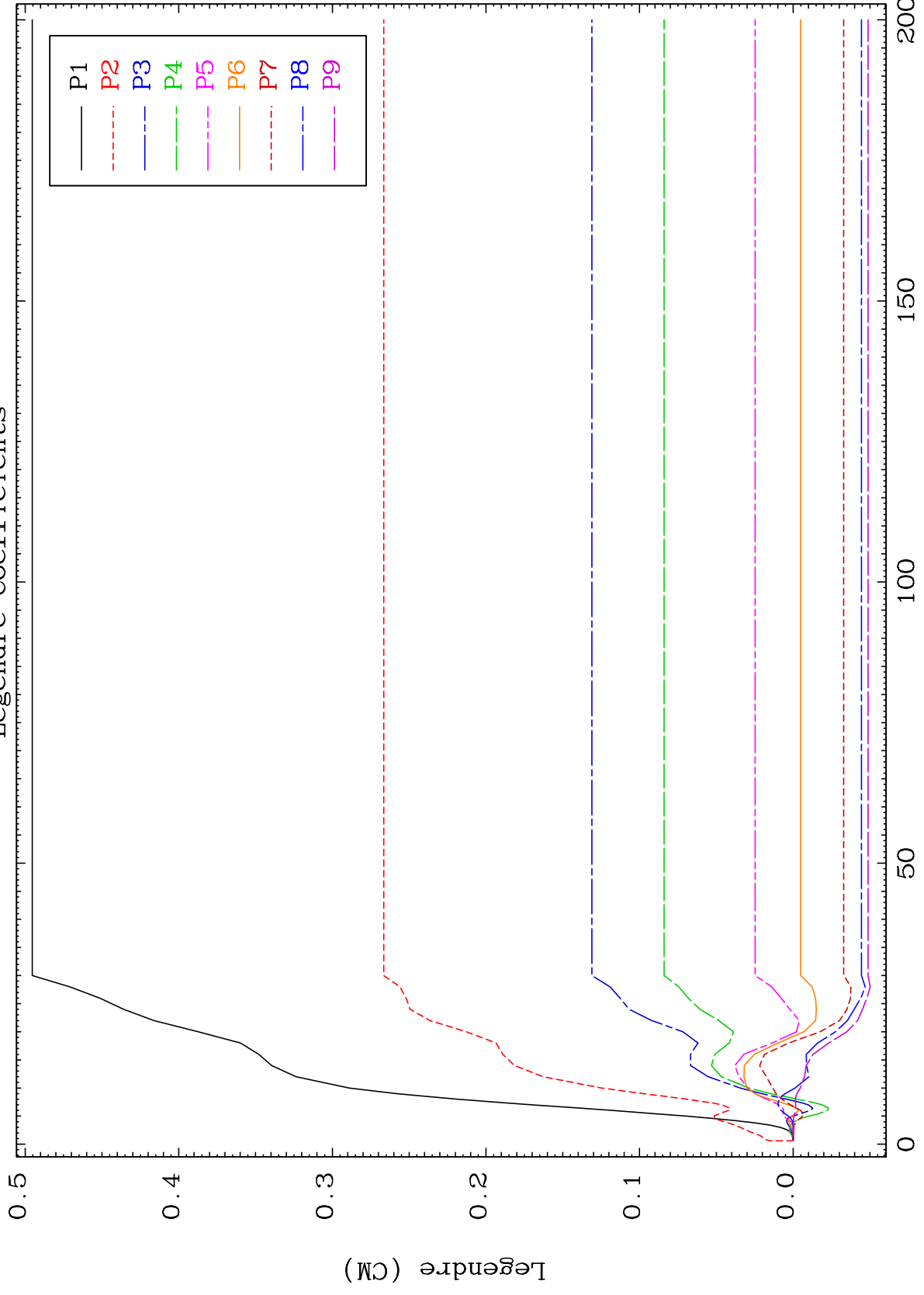


87

Incident Energy (MeV)

44-Ru-105

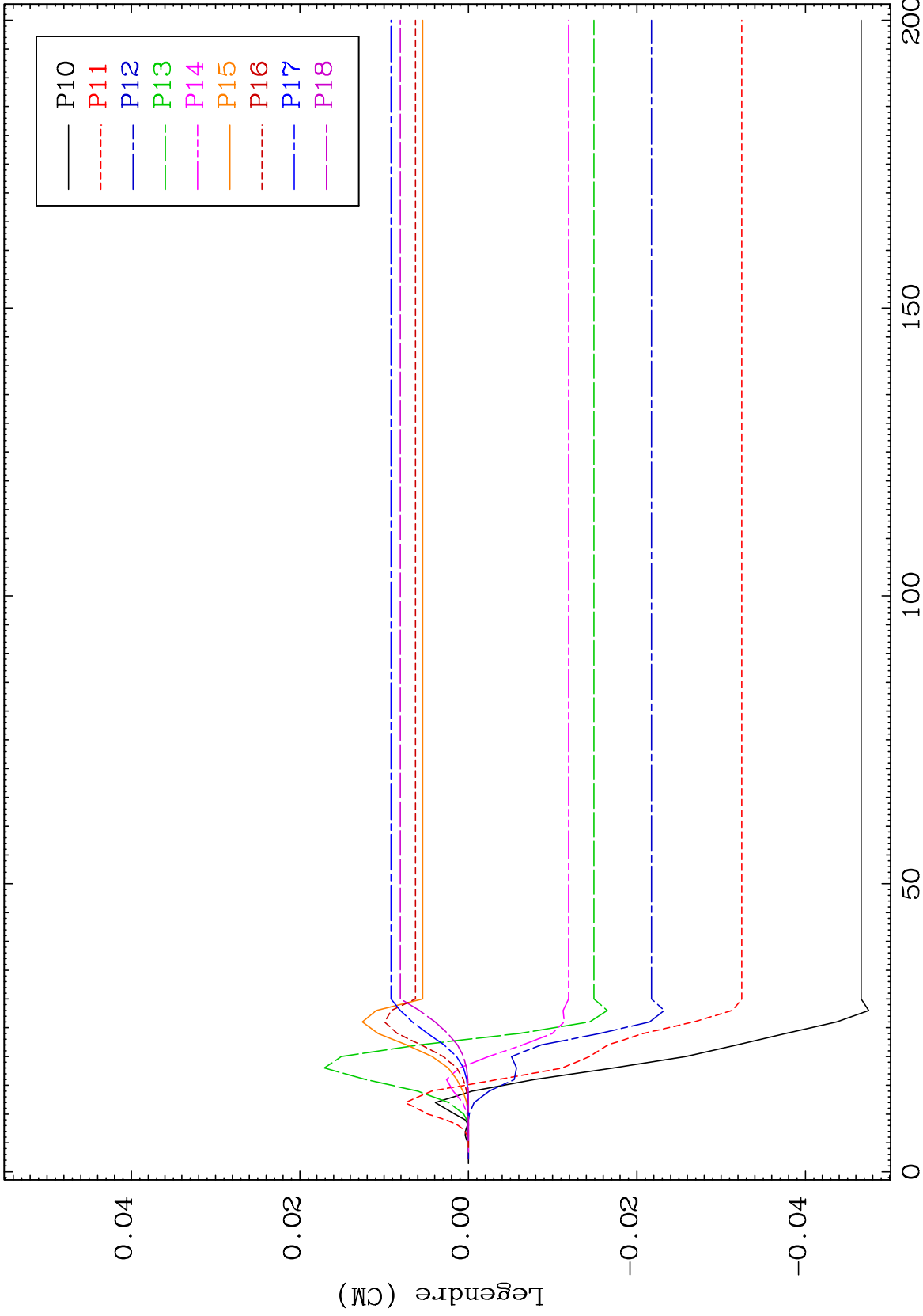
MAT 4452 MT= 68 (n,n') Level Legendre Coefficients 44-Ru-105



MAT 4452

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

44-Ru-105



89

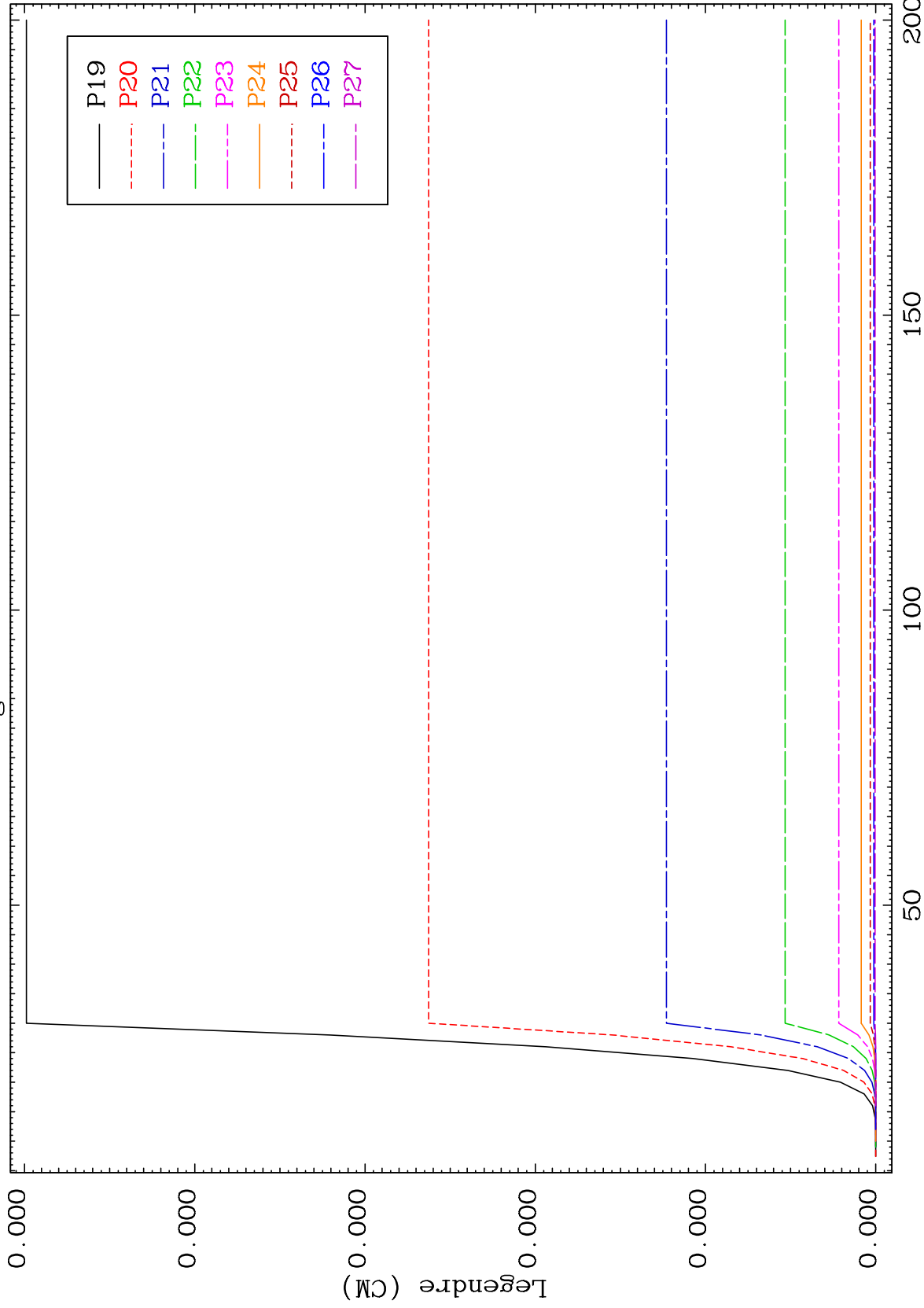
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



90

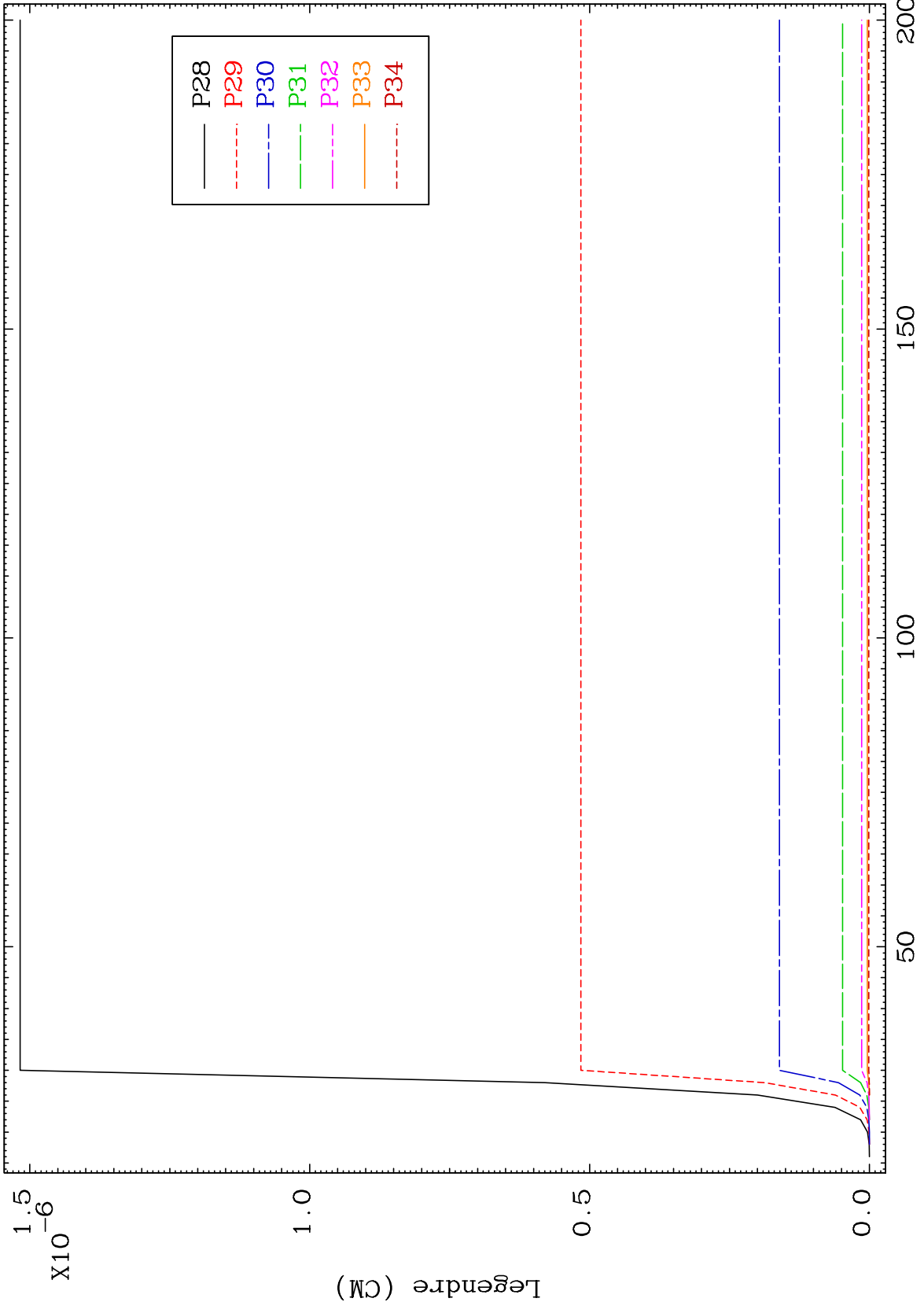
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



91

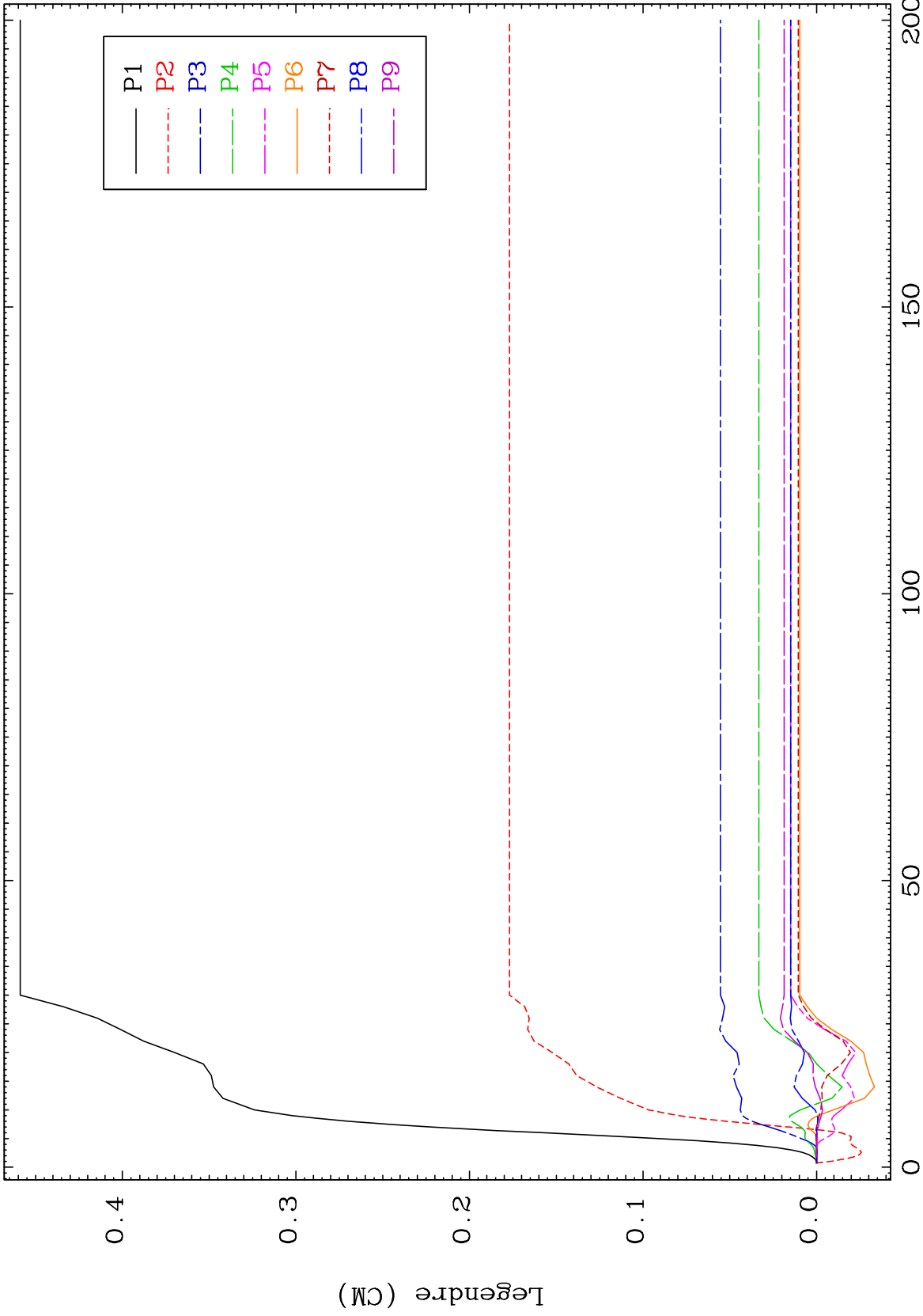
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



92

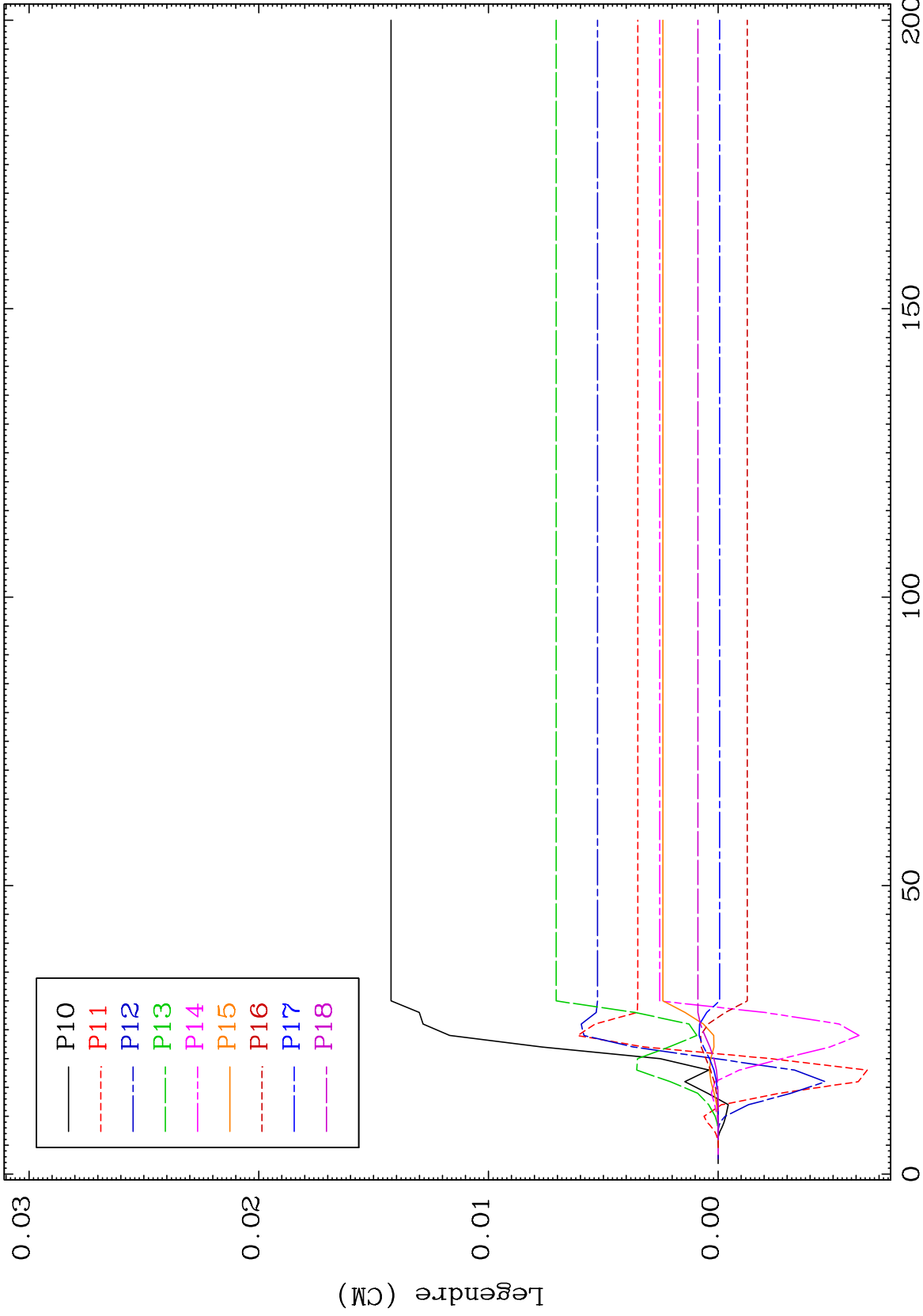
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



93

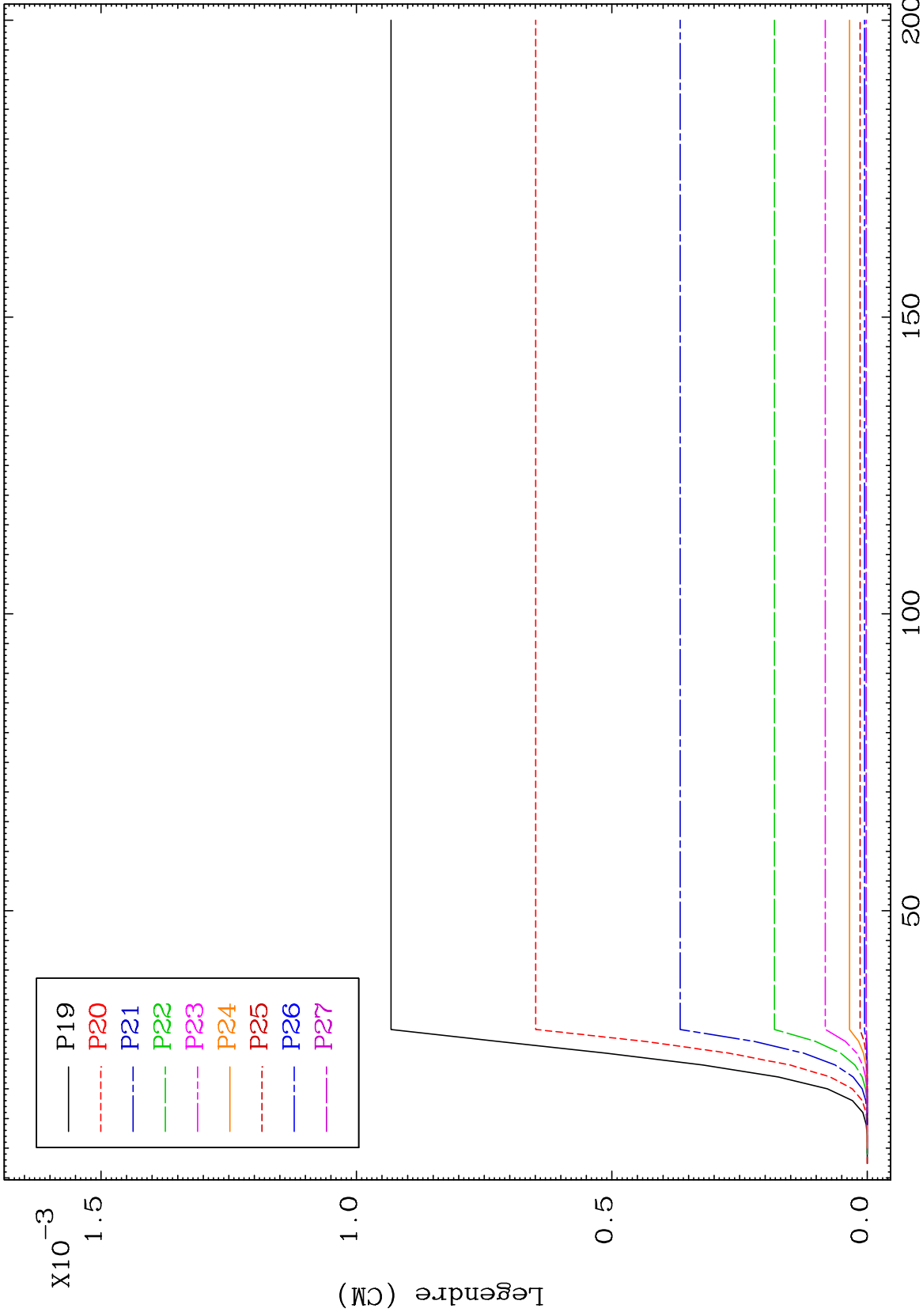
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



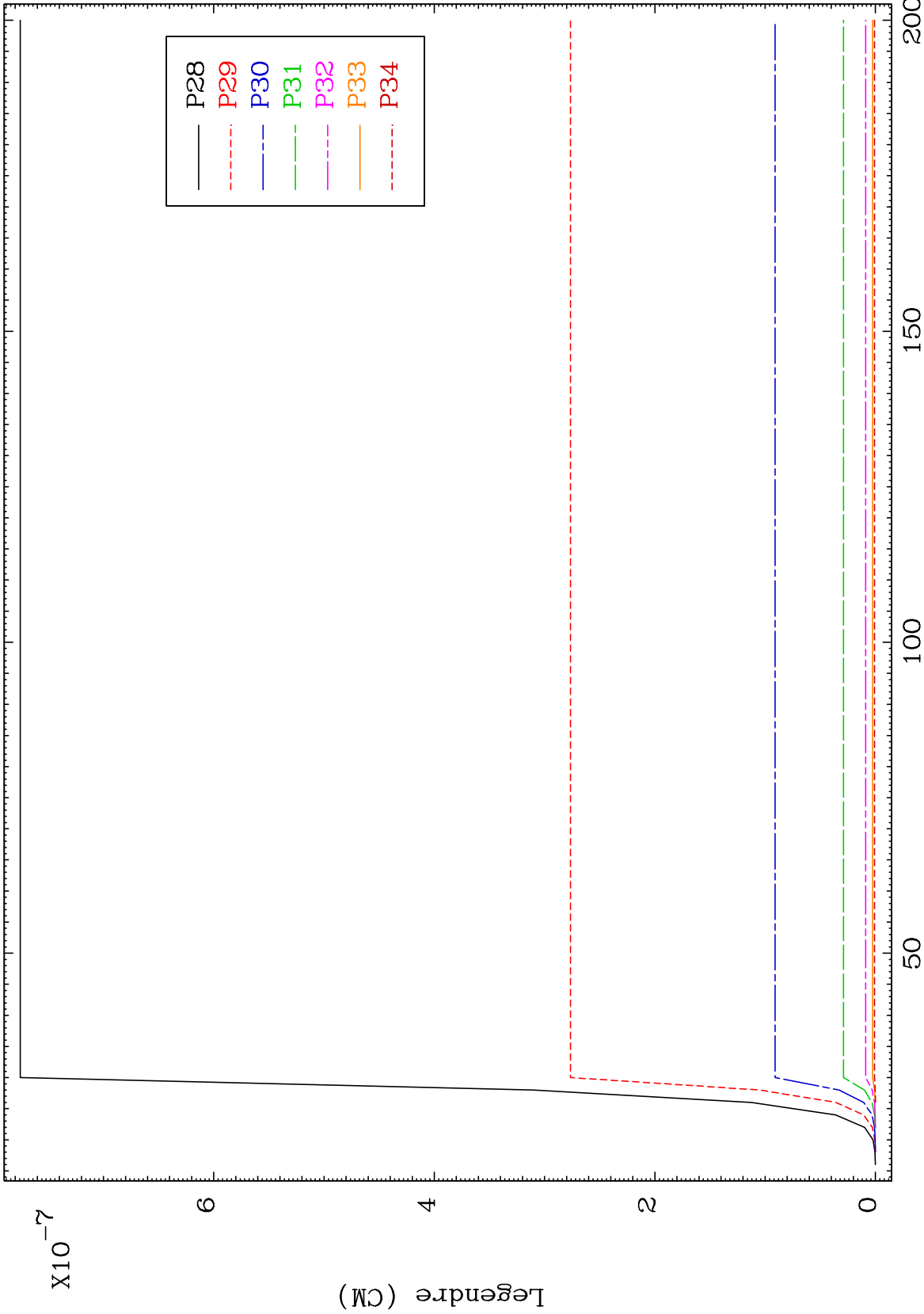
94

44-Ru-105

MAT 4452

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

44-Ru-105

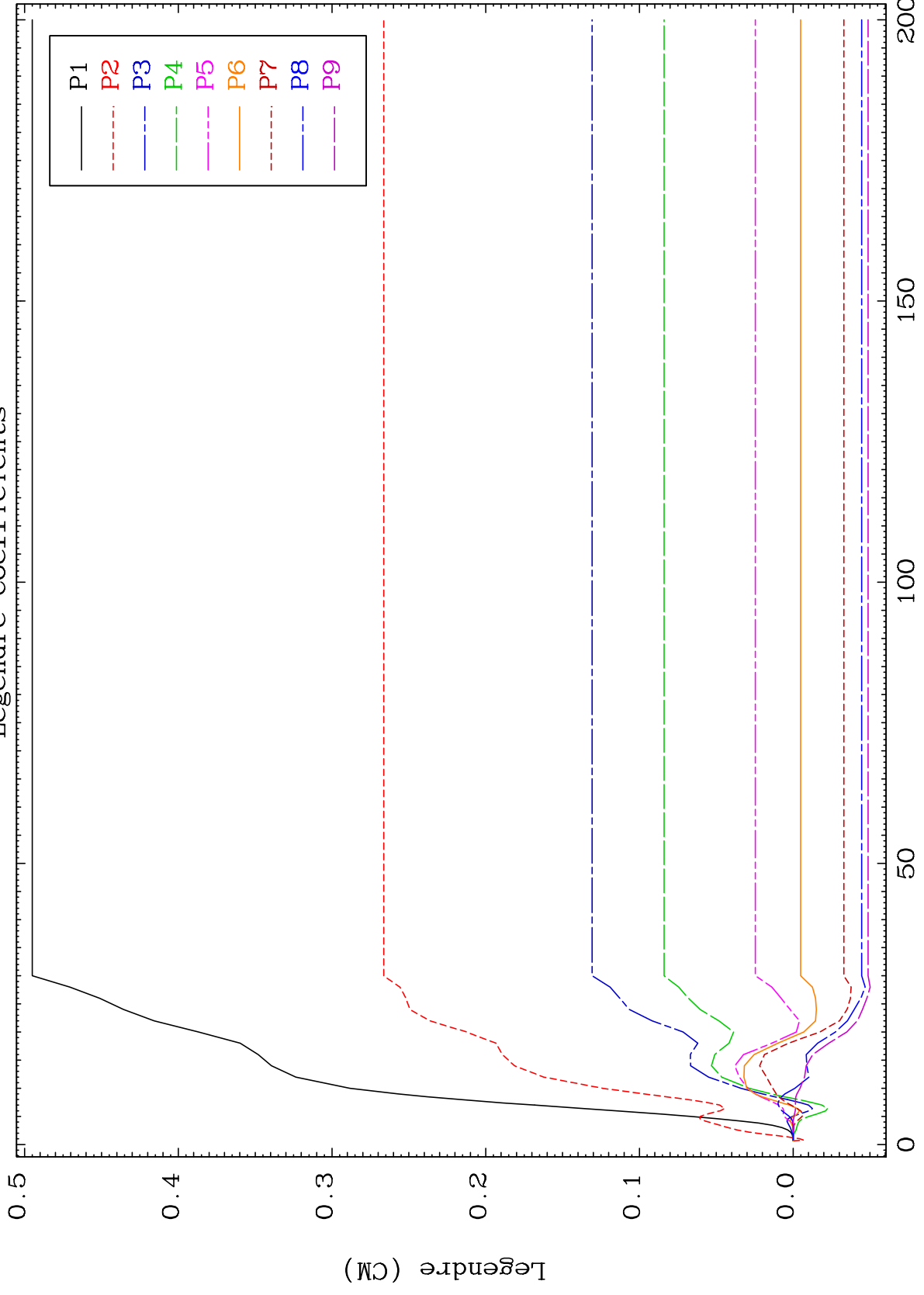


95

Incident Energy (MeV)

44-Ru-105

MAT 4452 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-105

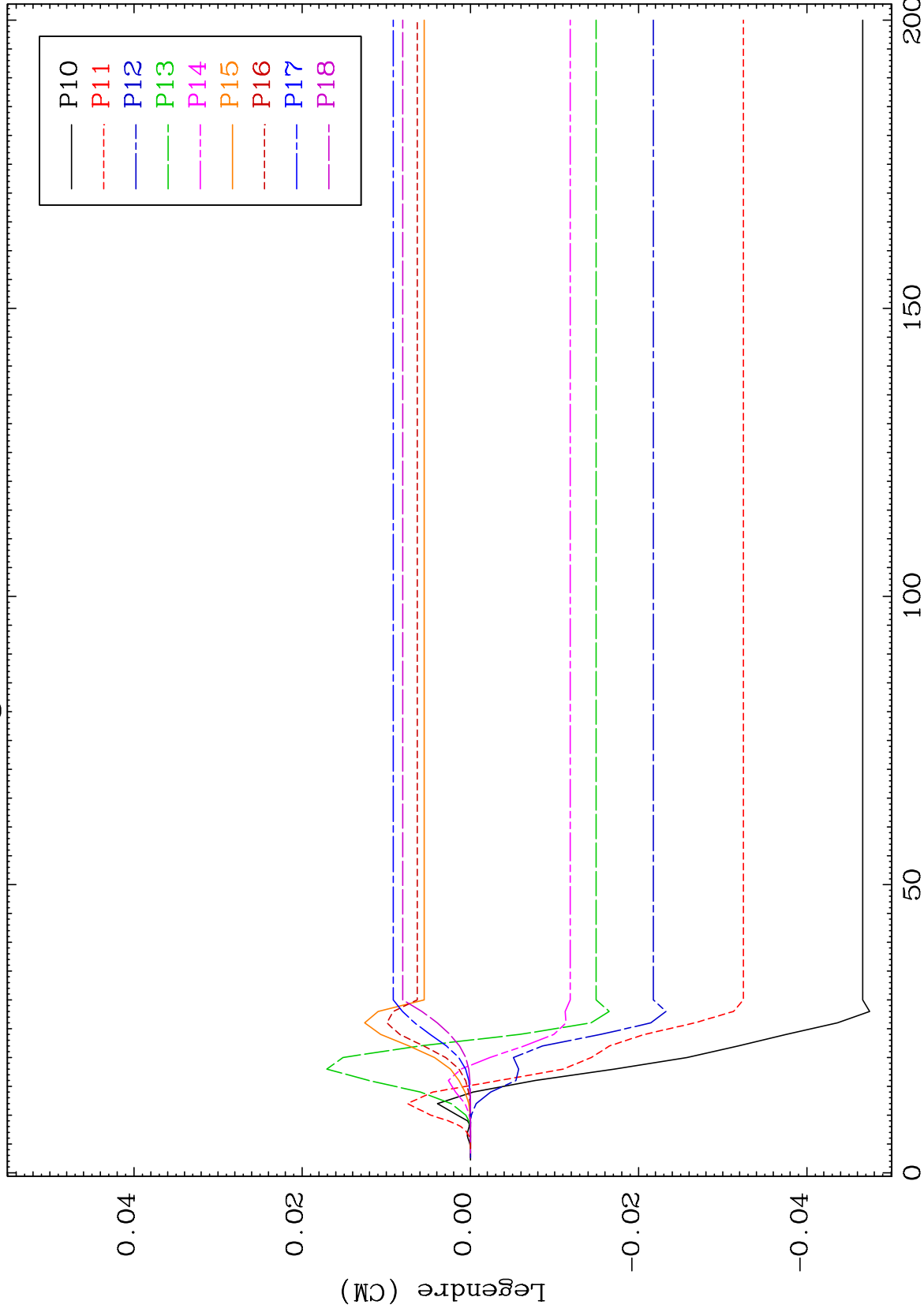


96 44-Ru-105

MAT 4452

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

44-Ru-105

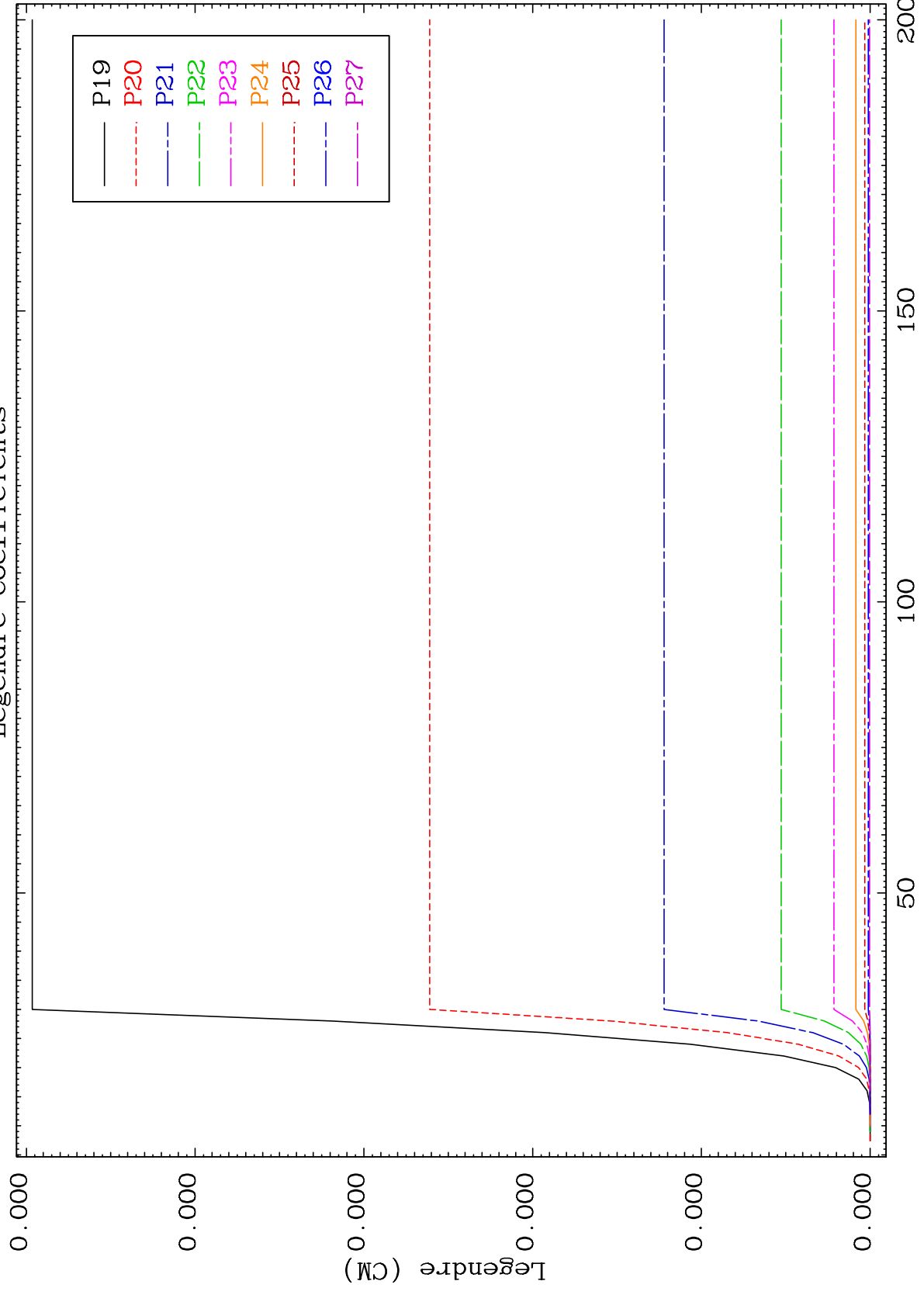


97

Incident Energy (MeV)

44-Ru-105

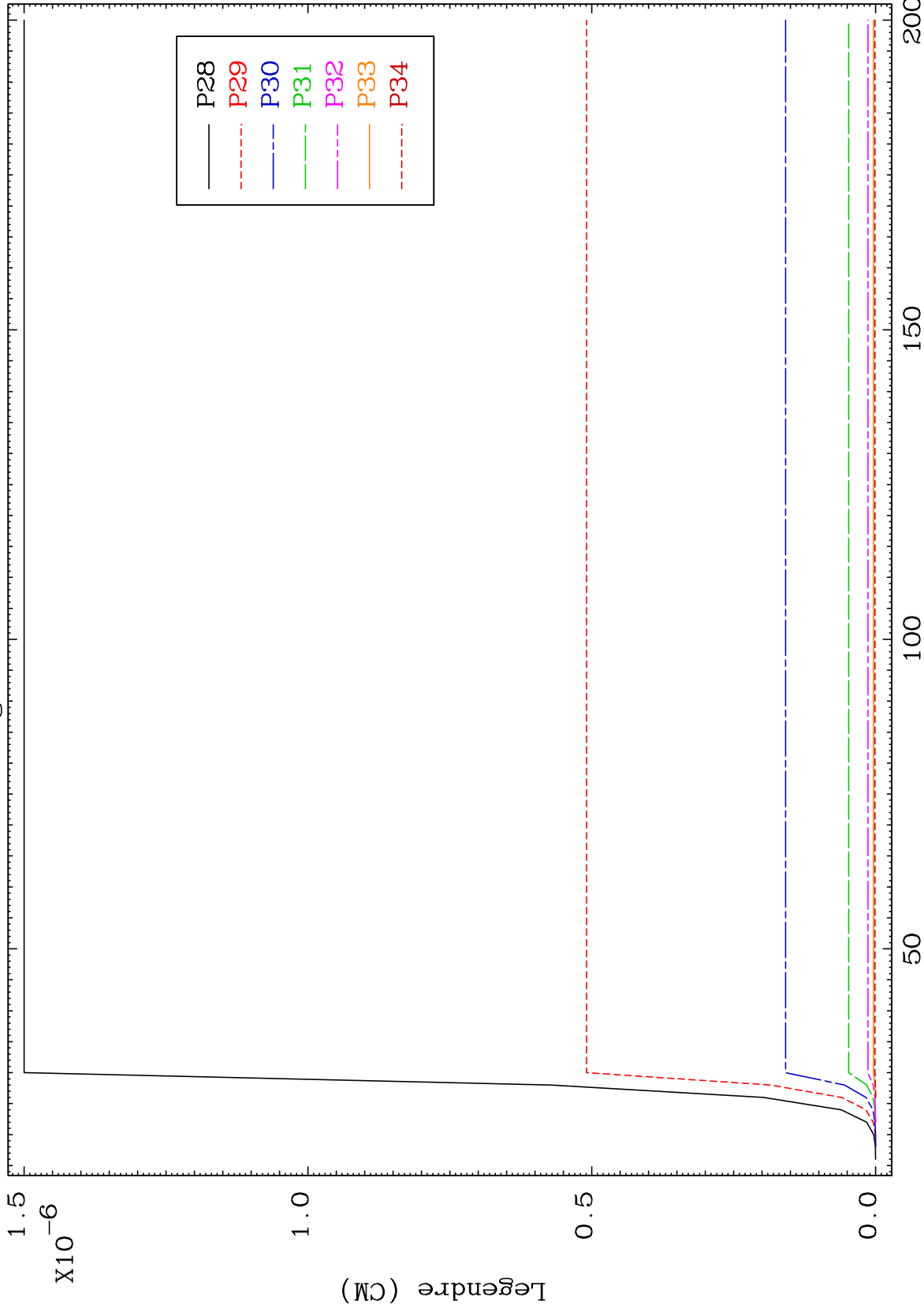
MAT 4452 MT= 70 (n,n') Level Legendre Coefficients 44-Ru-105



MAT 4452

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

44-Ru-105



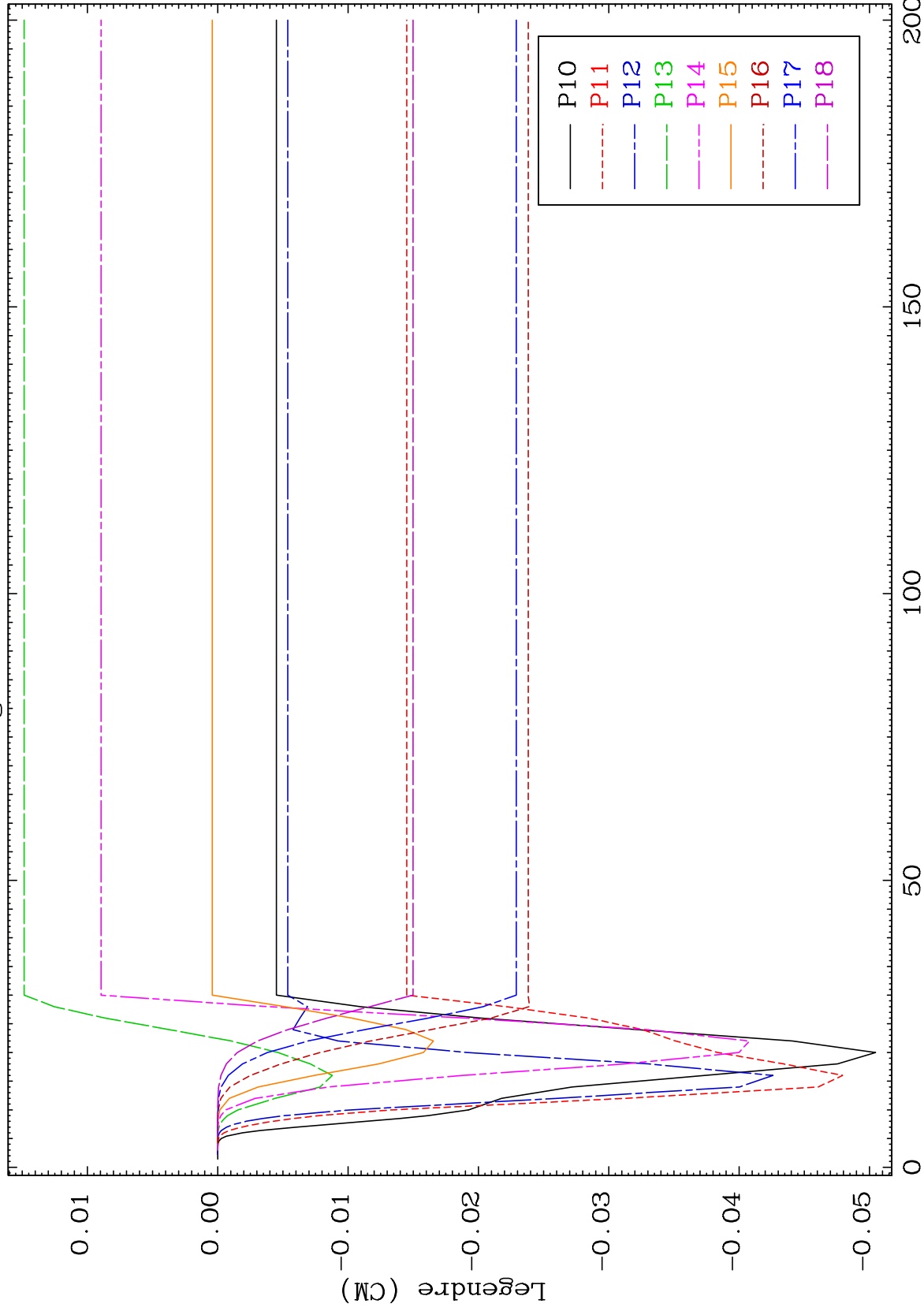
99

44-Ru-105

MAT 4452

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

44-Ru-105

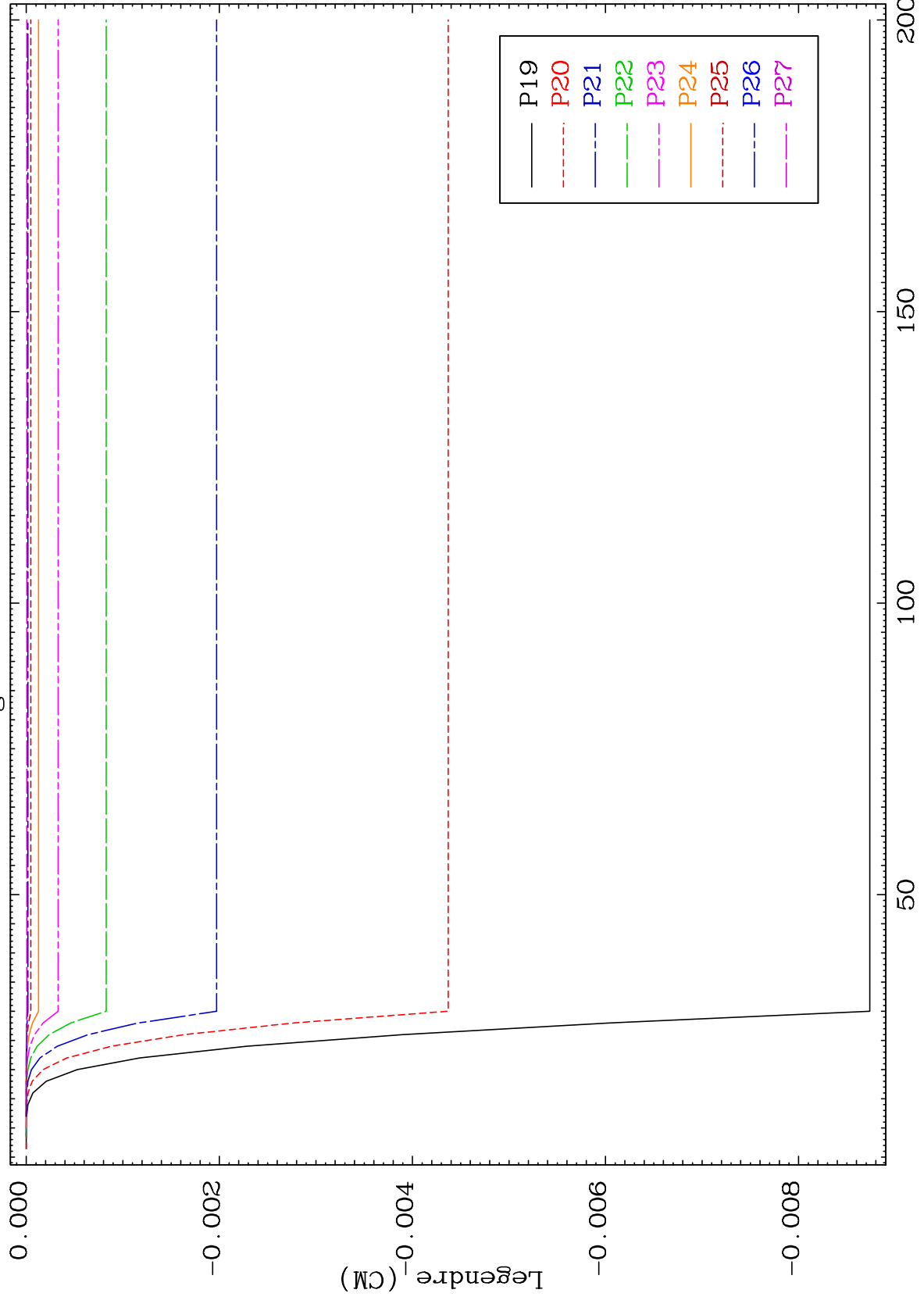


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Incident Energy (MeV)

44-Ru-105

MAT 4452 MT= 71 (n,n') Level Legendre Coefficients 44-Ru-105

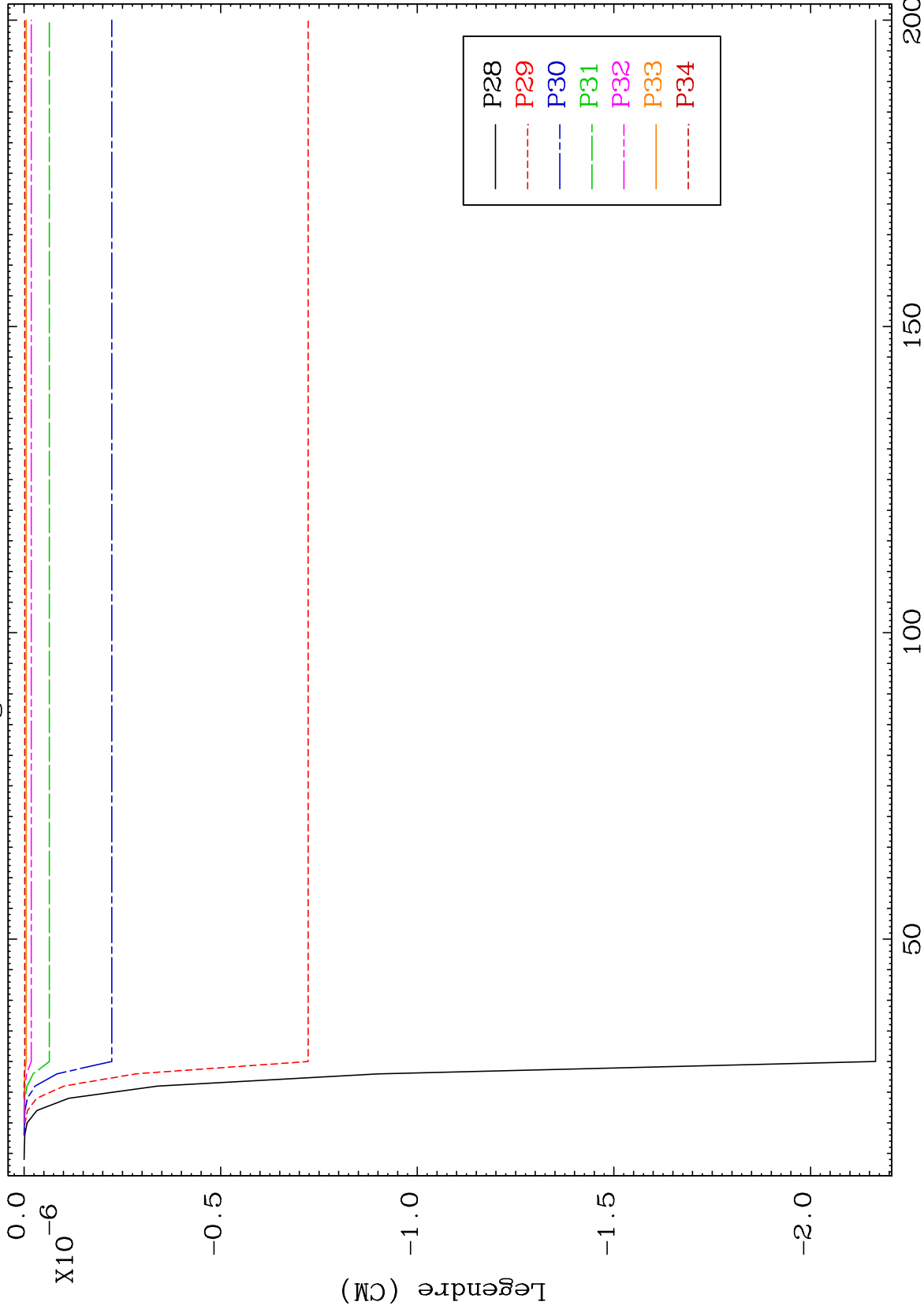


102 44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

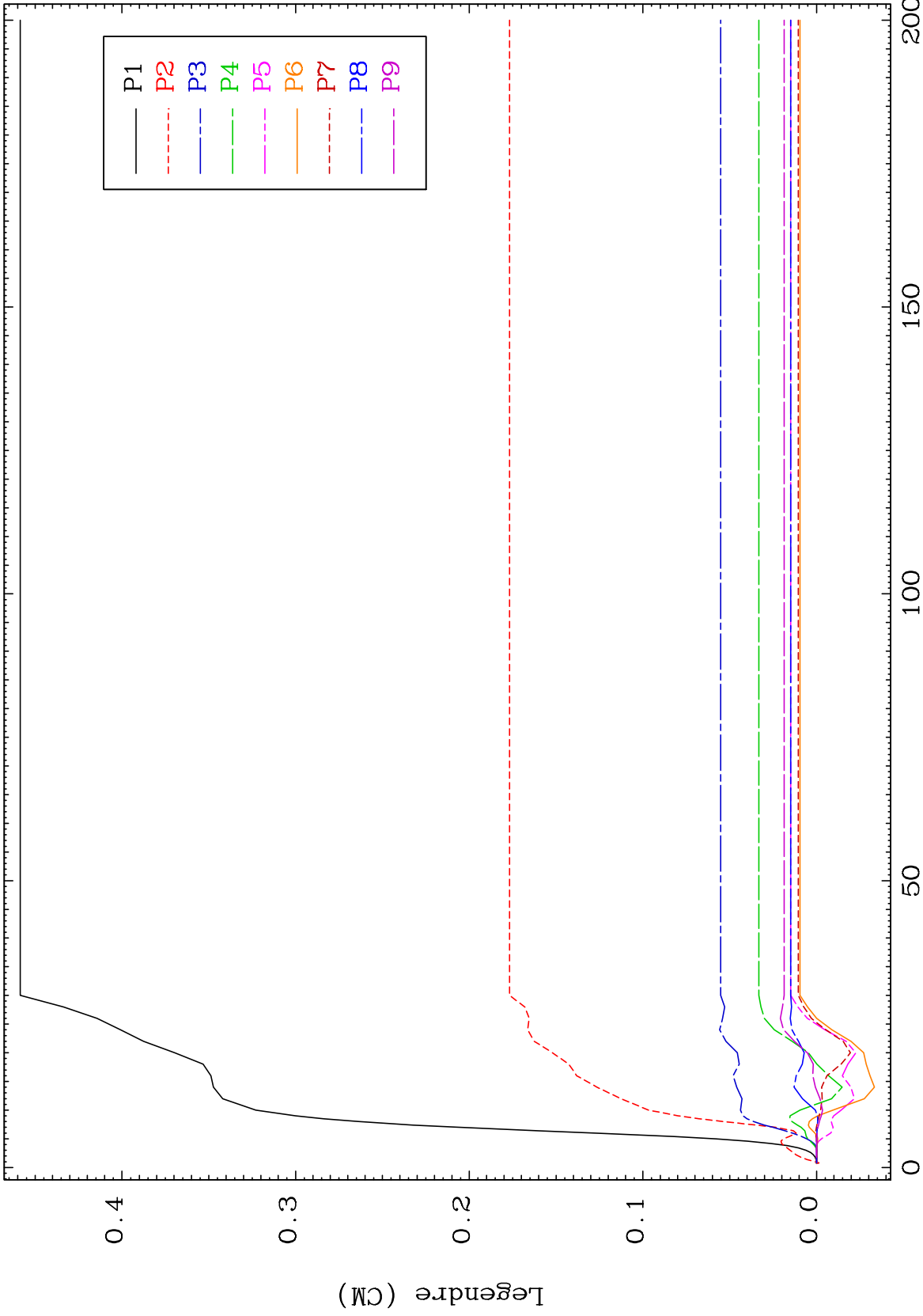
Incident Energy (MeV)

103

MAT 4452

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

44-Ru-105



104

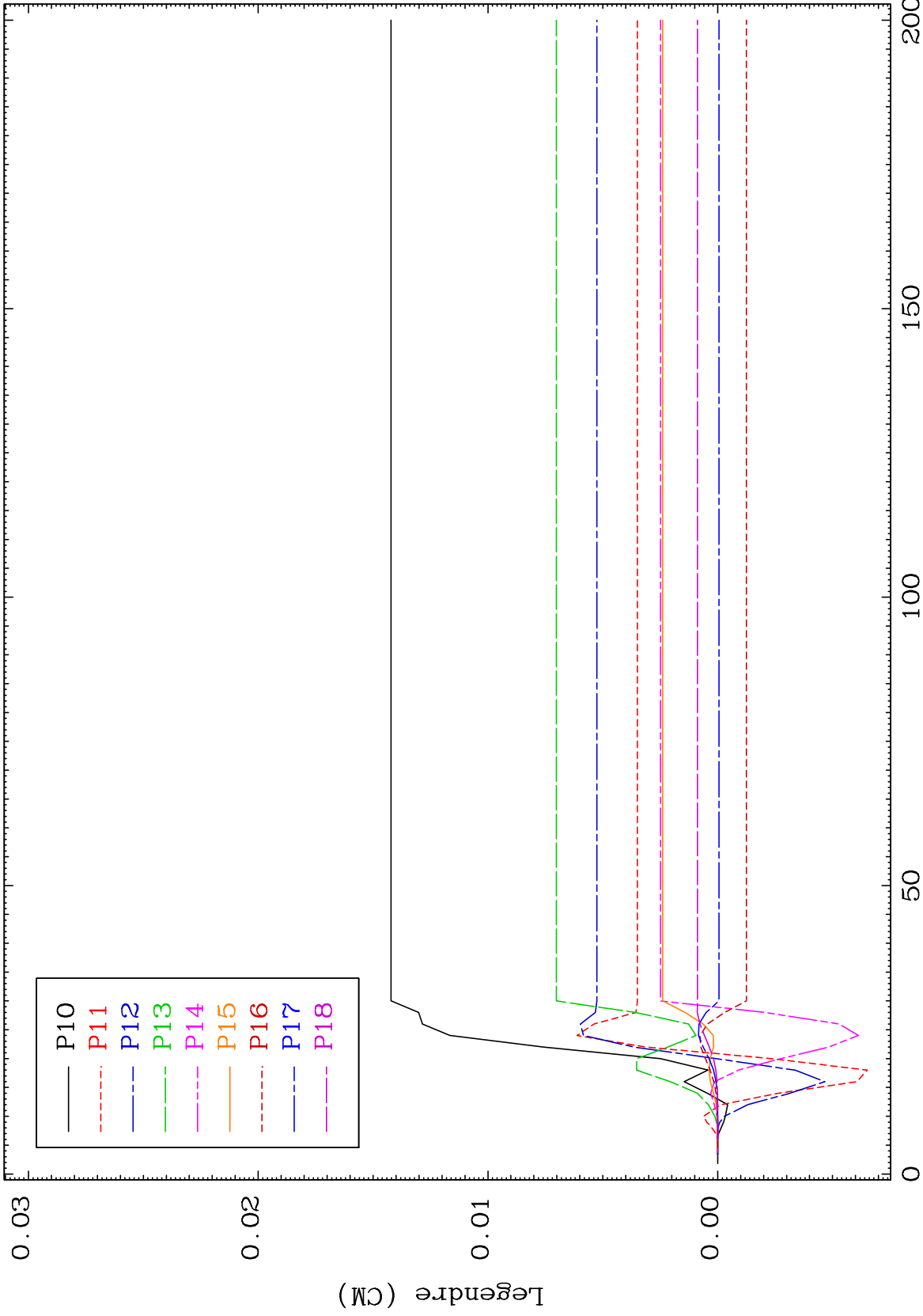
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

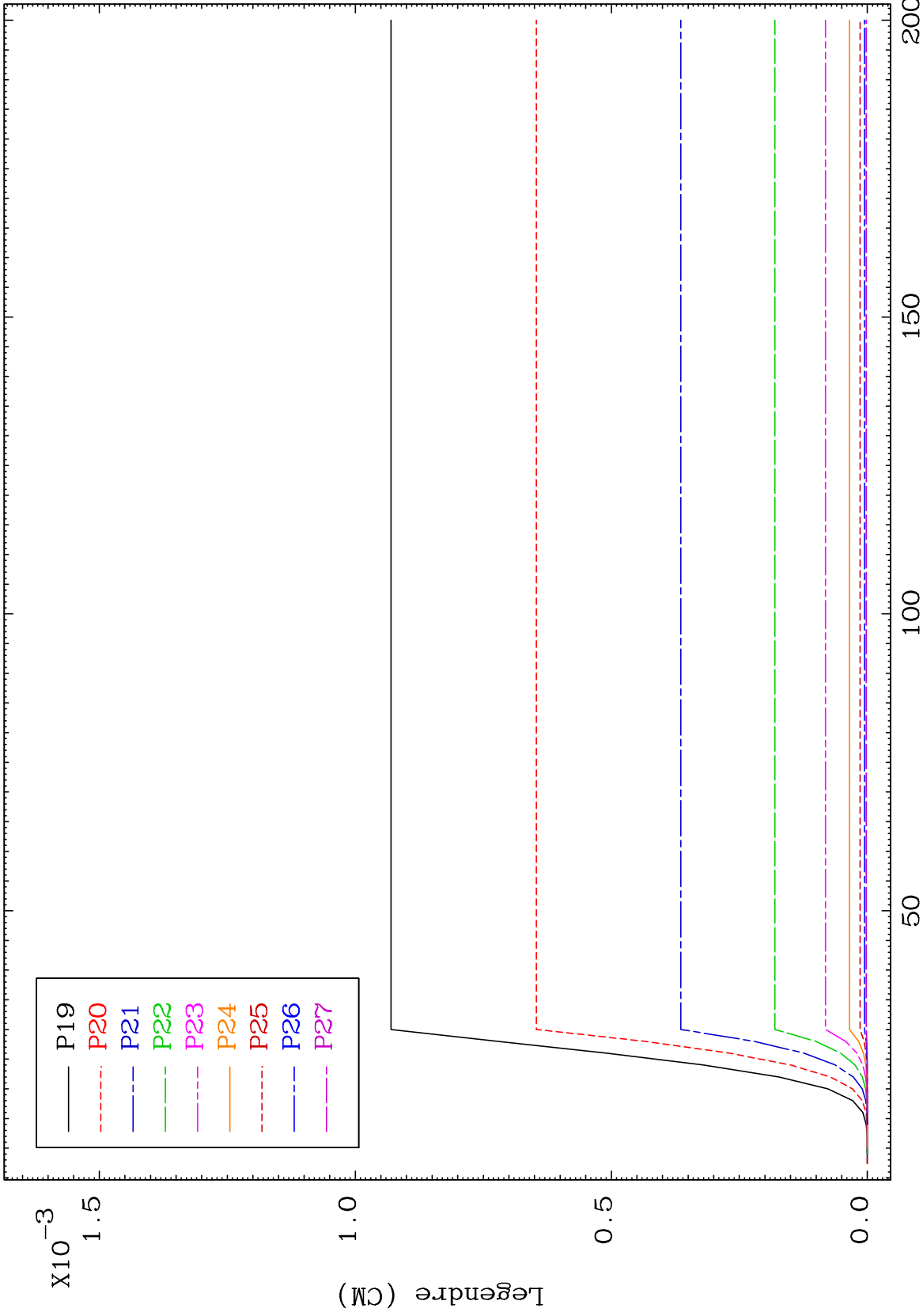
Incident Energy (MeV)

105

MAT 4452

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

44-Ru-105



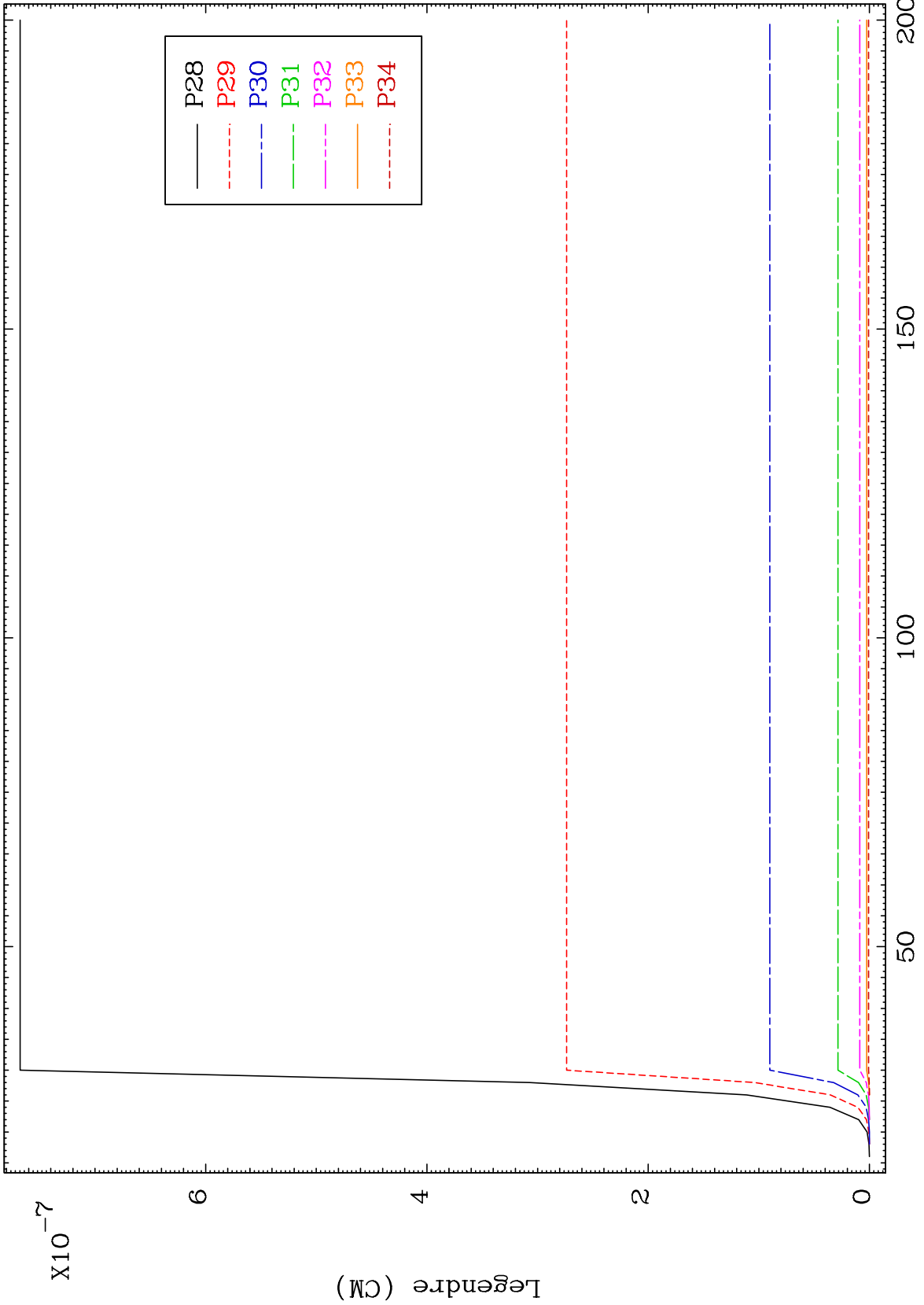
106

44-Ru-105

MAT 4452

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

44-Ru-105



107

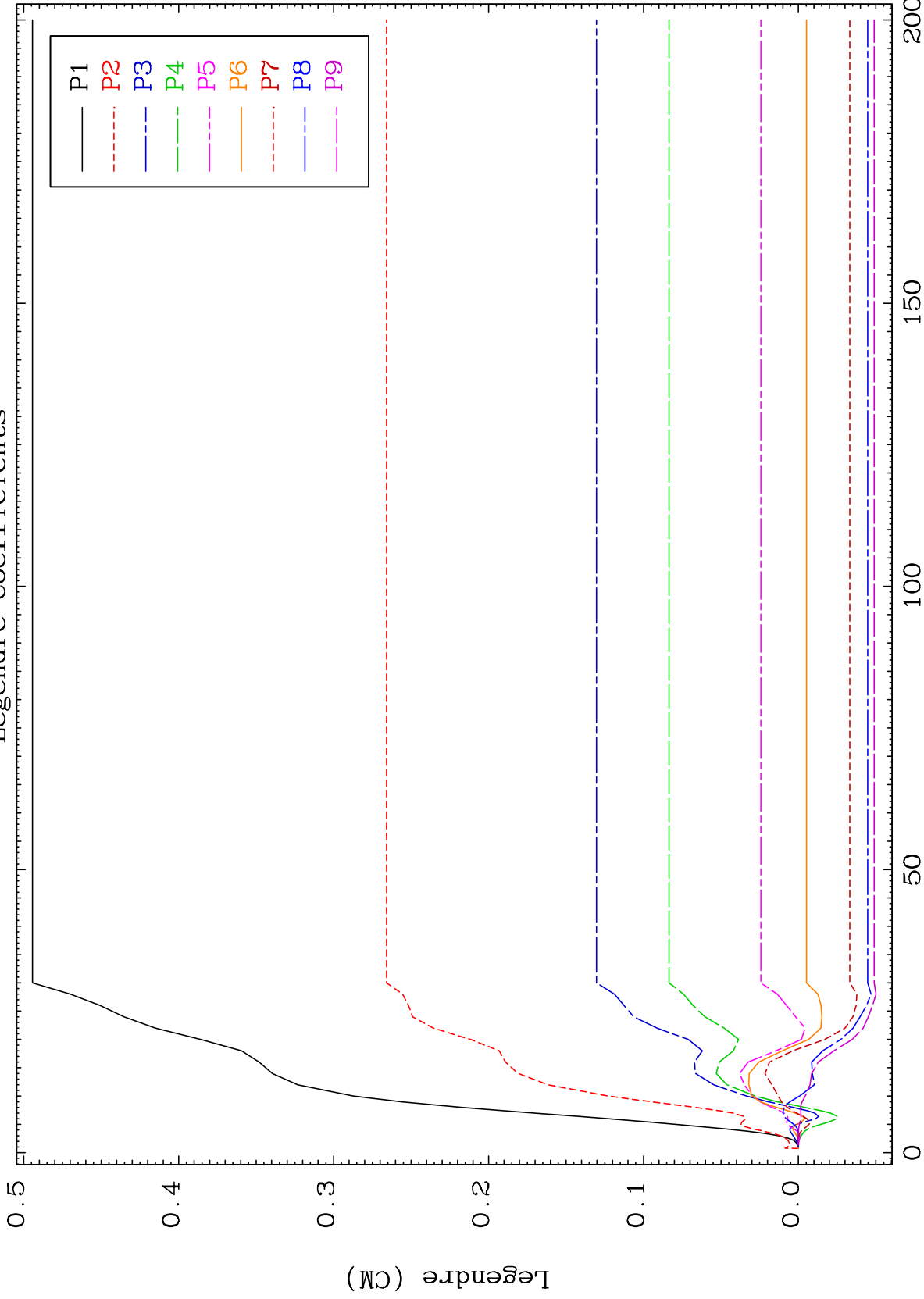
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



108

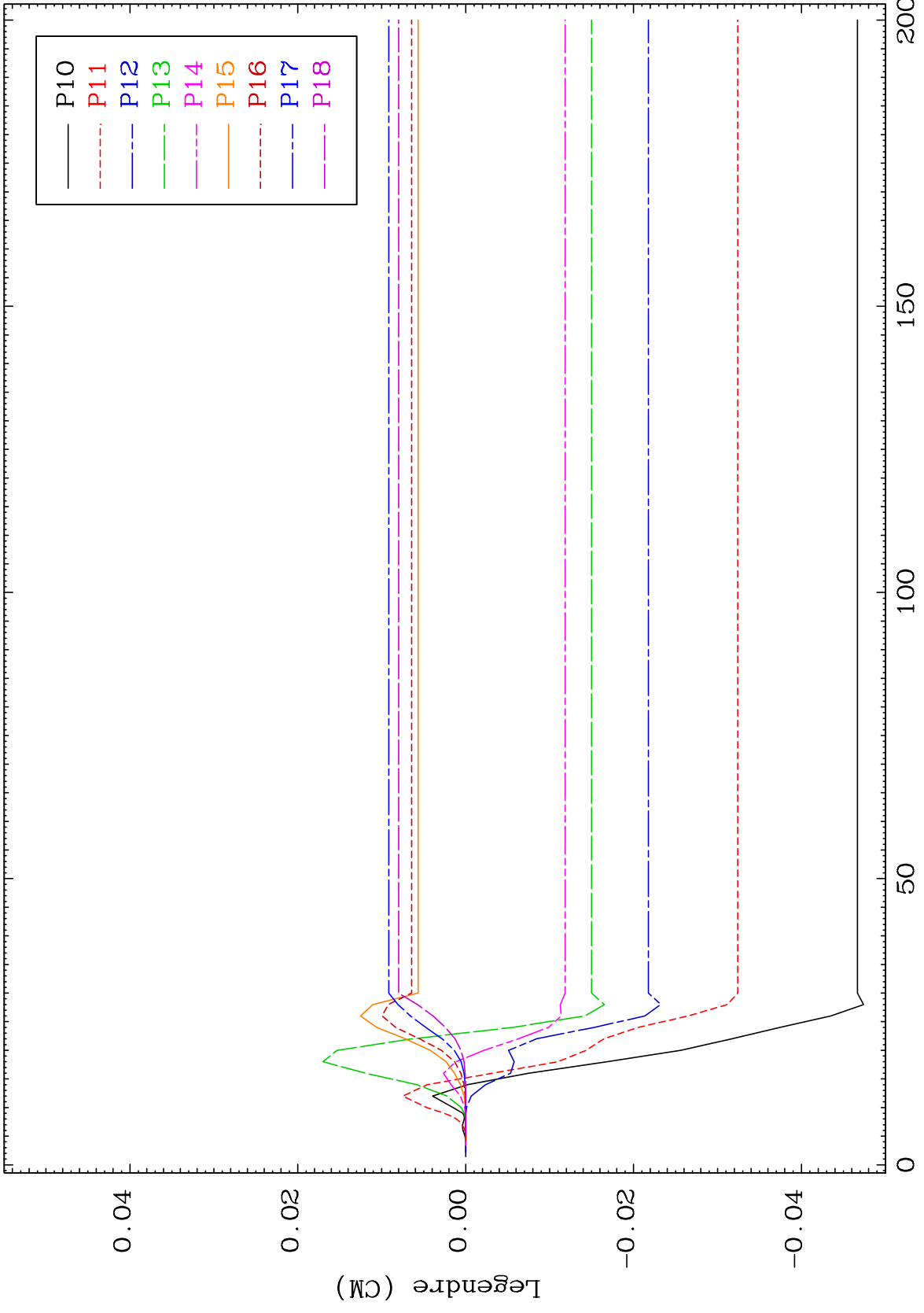
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

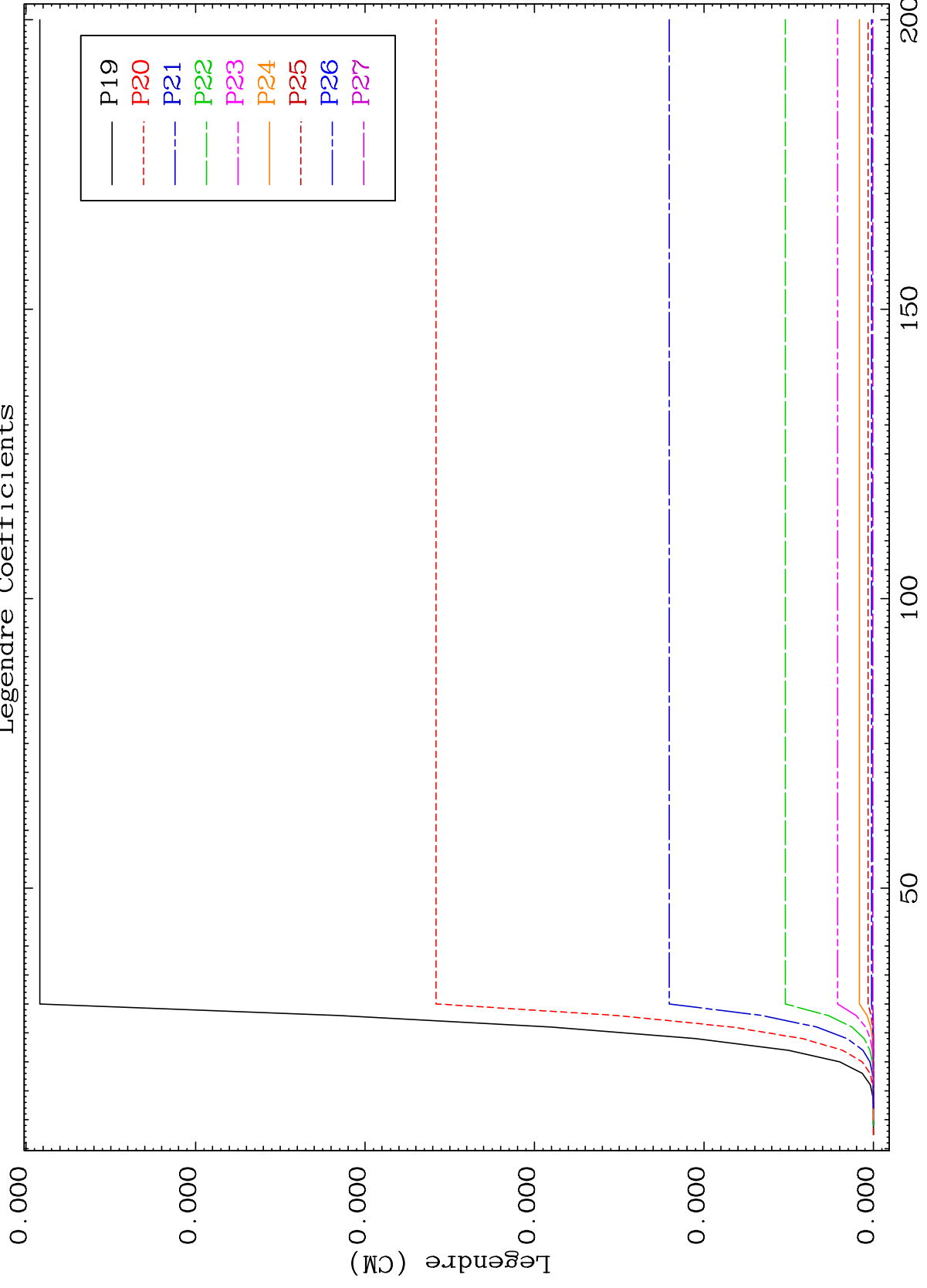


109

Incident Energy (MeV)

44-Ru-105

MAT 4452 MT= 73 (n,n') Level Legendre Coefficients 44-Ru-105

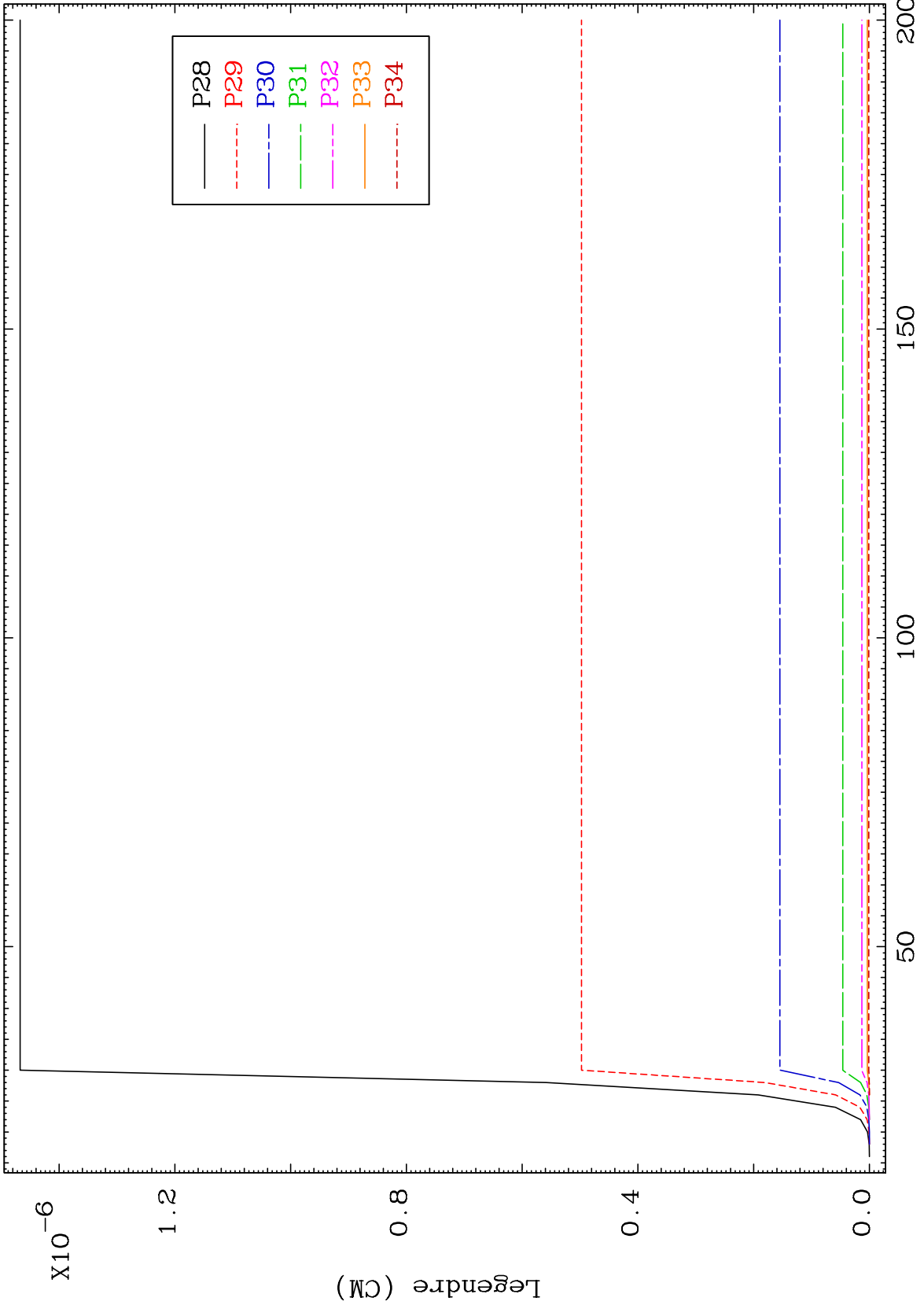


110 50 100 150 200 Incident Energy (MeV) 44-Ru-105

MAT 4452

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

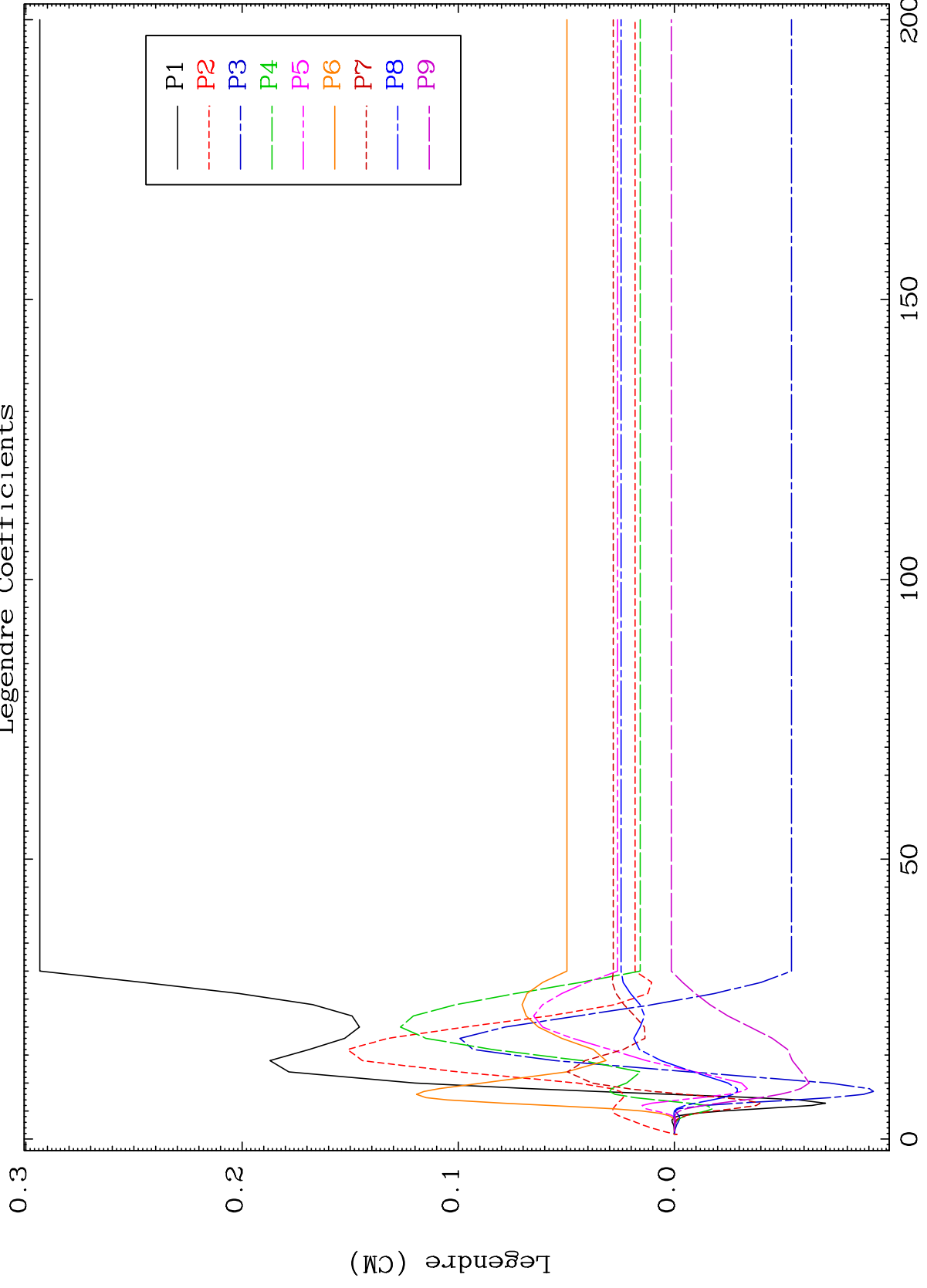
44-Ru-105



111

44-Ru-105

MAT 4452 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-105

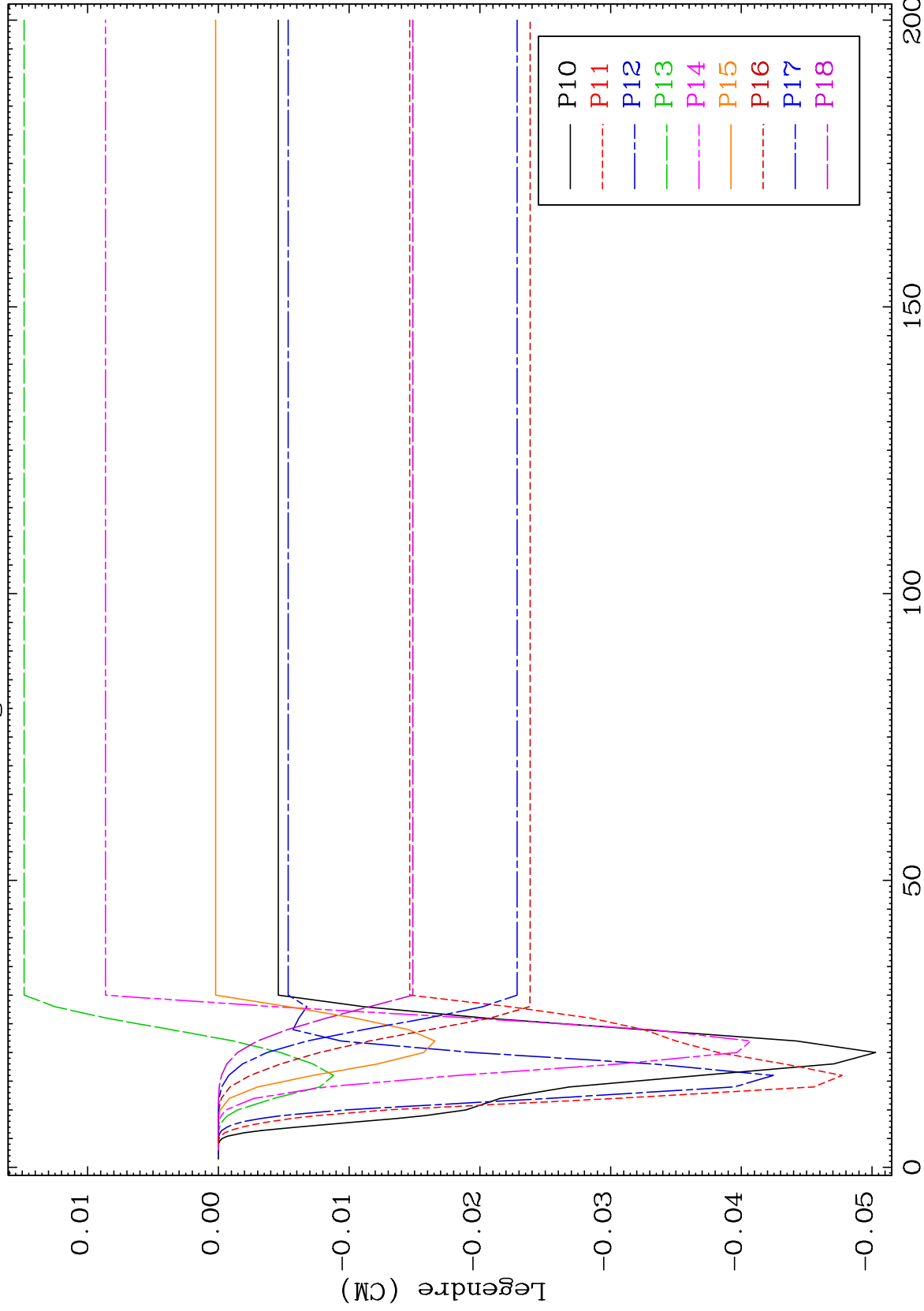


112 Incident Energy (MeV) 44-Ru-105

MAT 4452

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

44-Ru-105

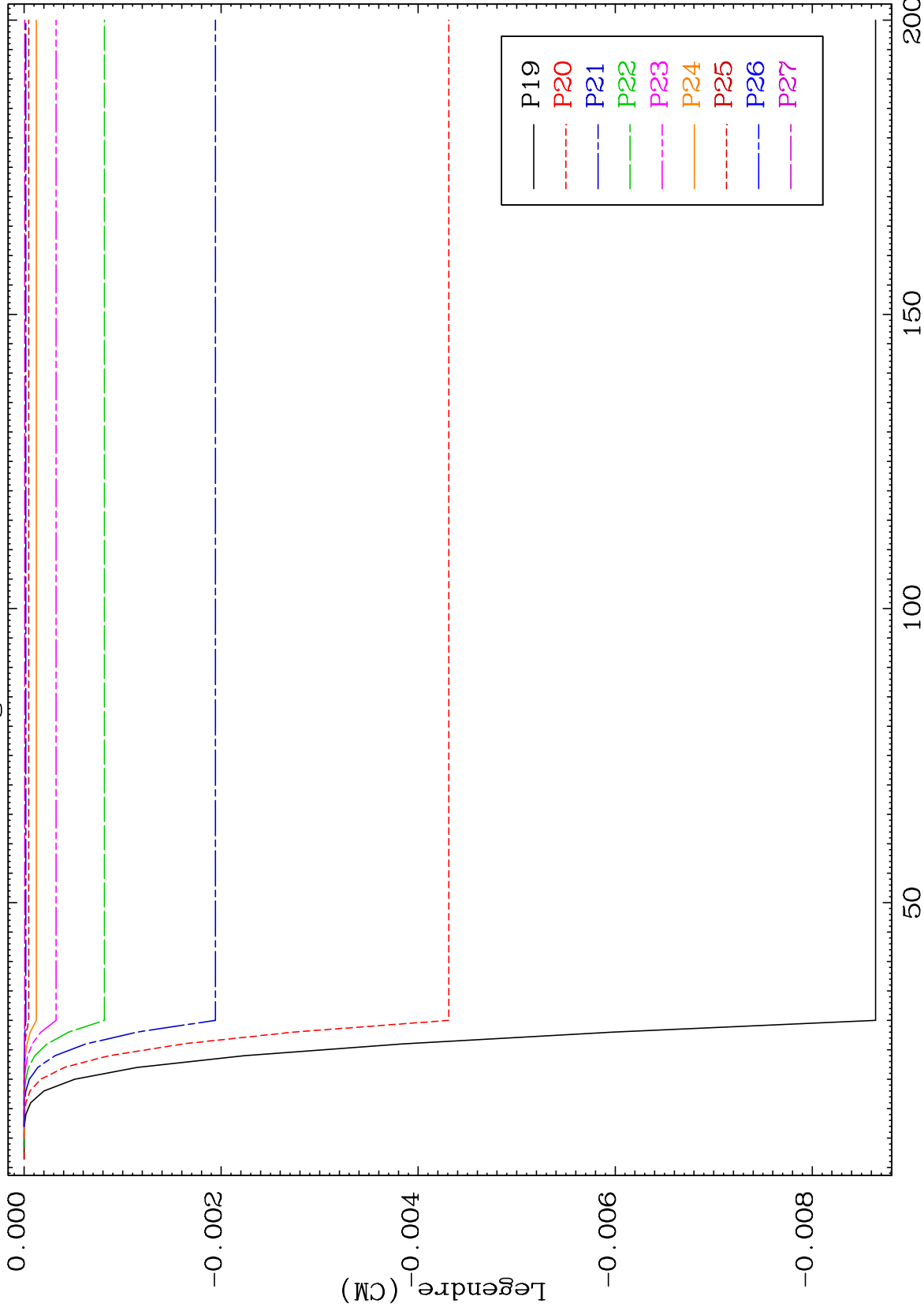


113

Incident Energy (MeV)

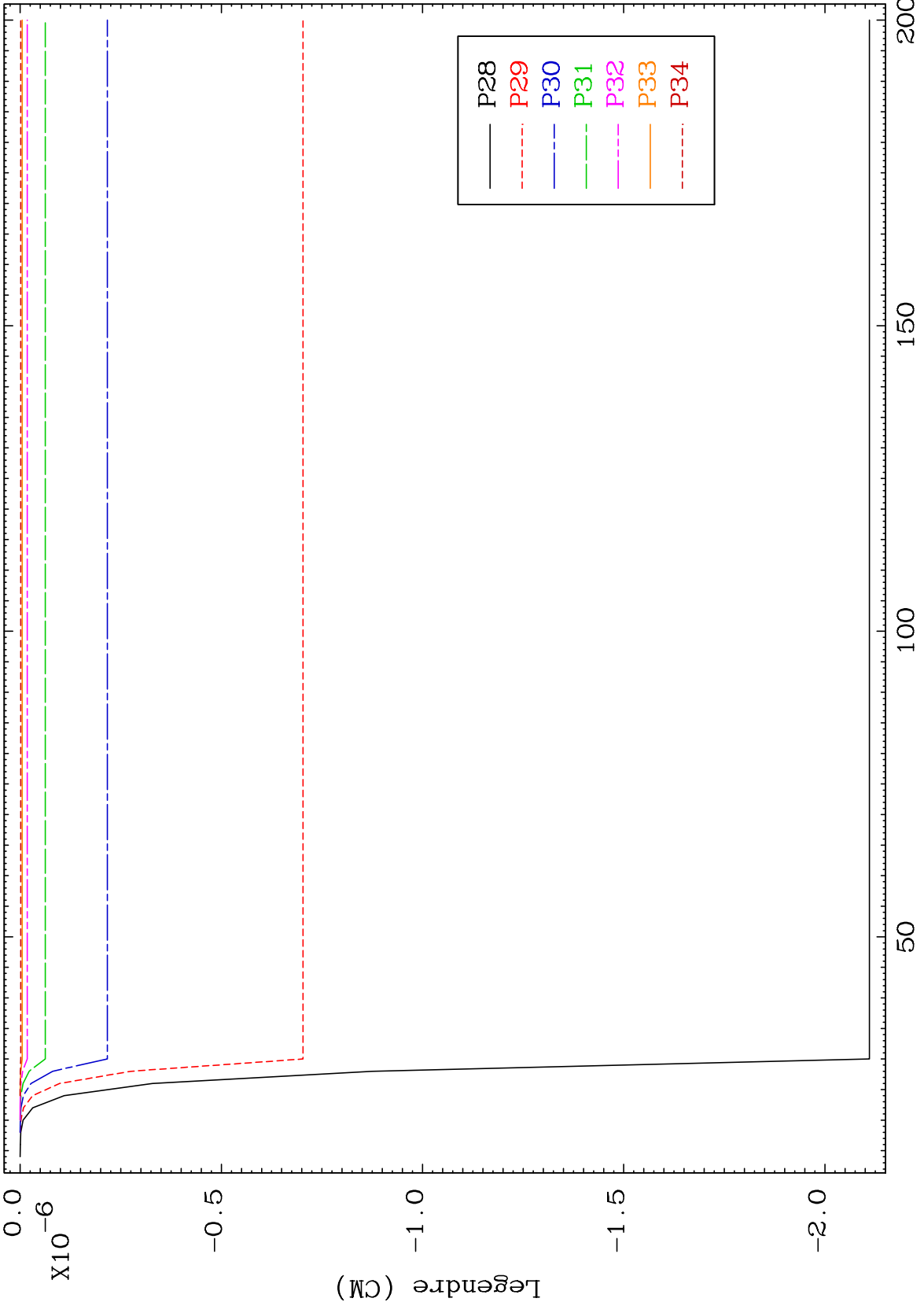
44-Ru-105

MAT 4452 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-105



114 44-Ru-105

MAT 4452 MT= 74 (n,n') Level Legendre Coefficients 44-Ru-105

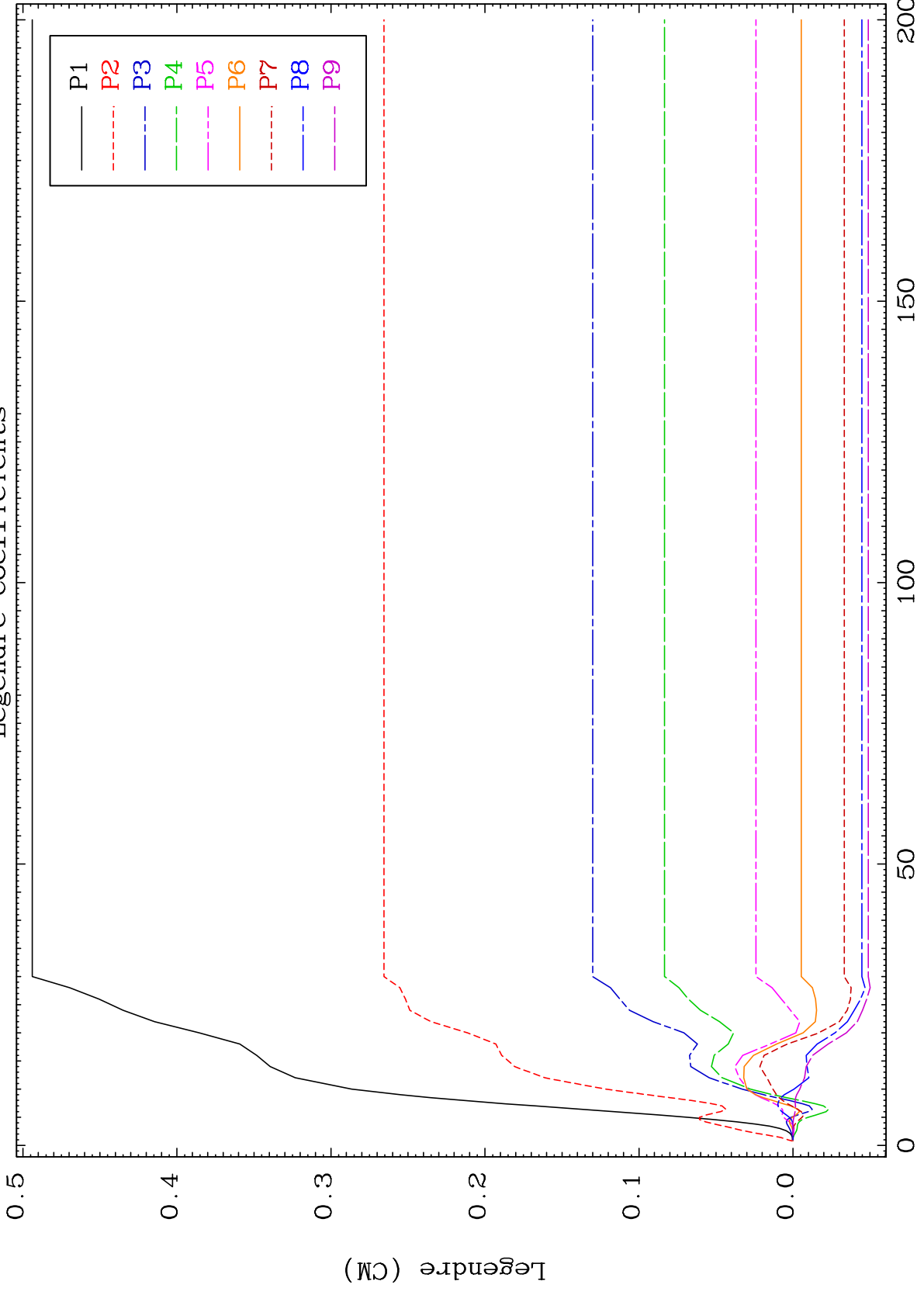


115 44-Ru-105

MAT 4452

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

44-Ru-105



116

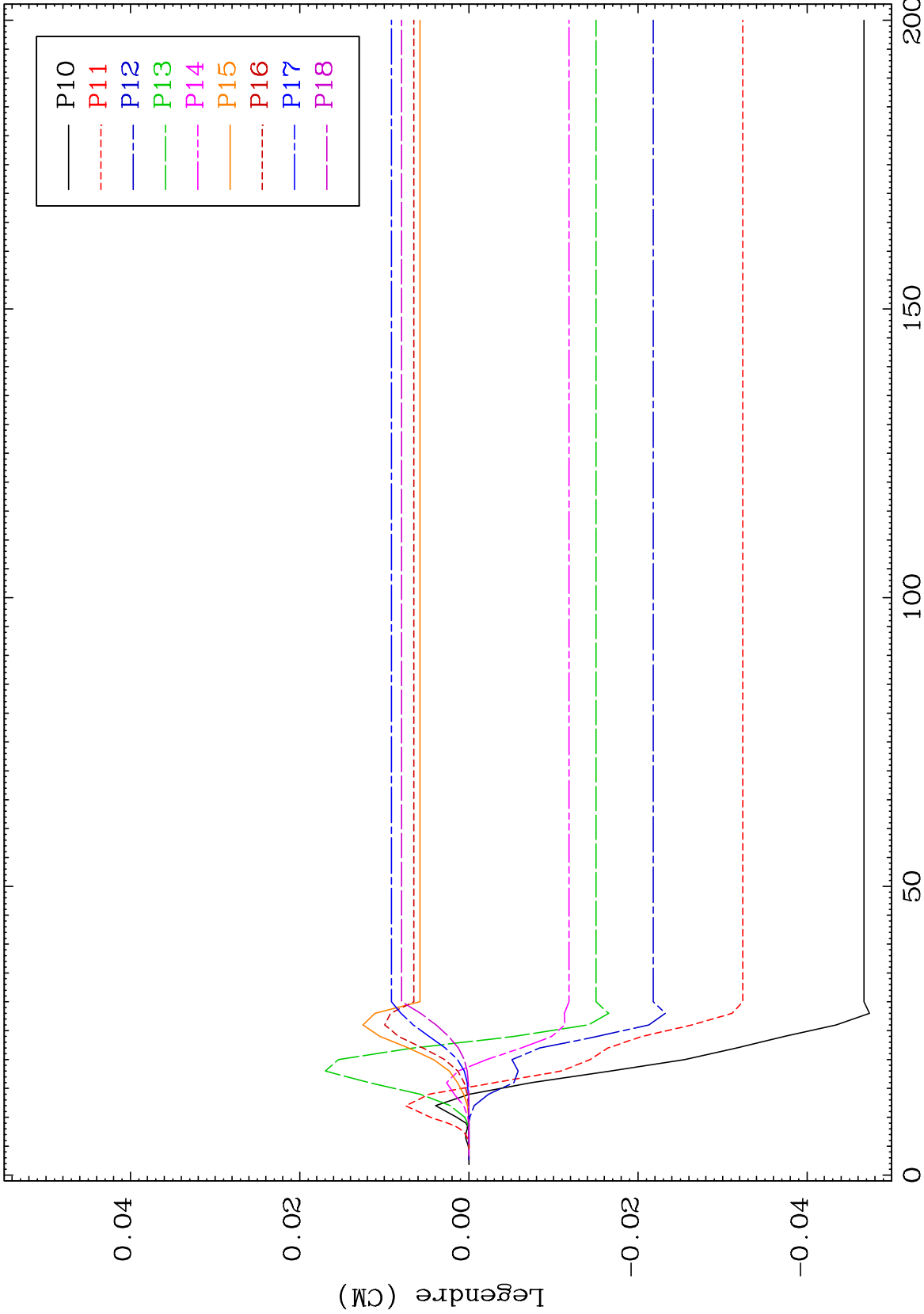
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



117

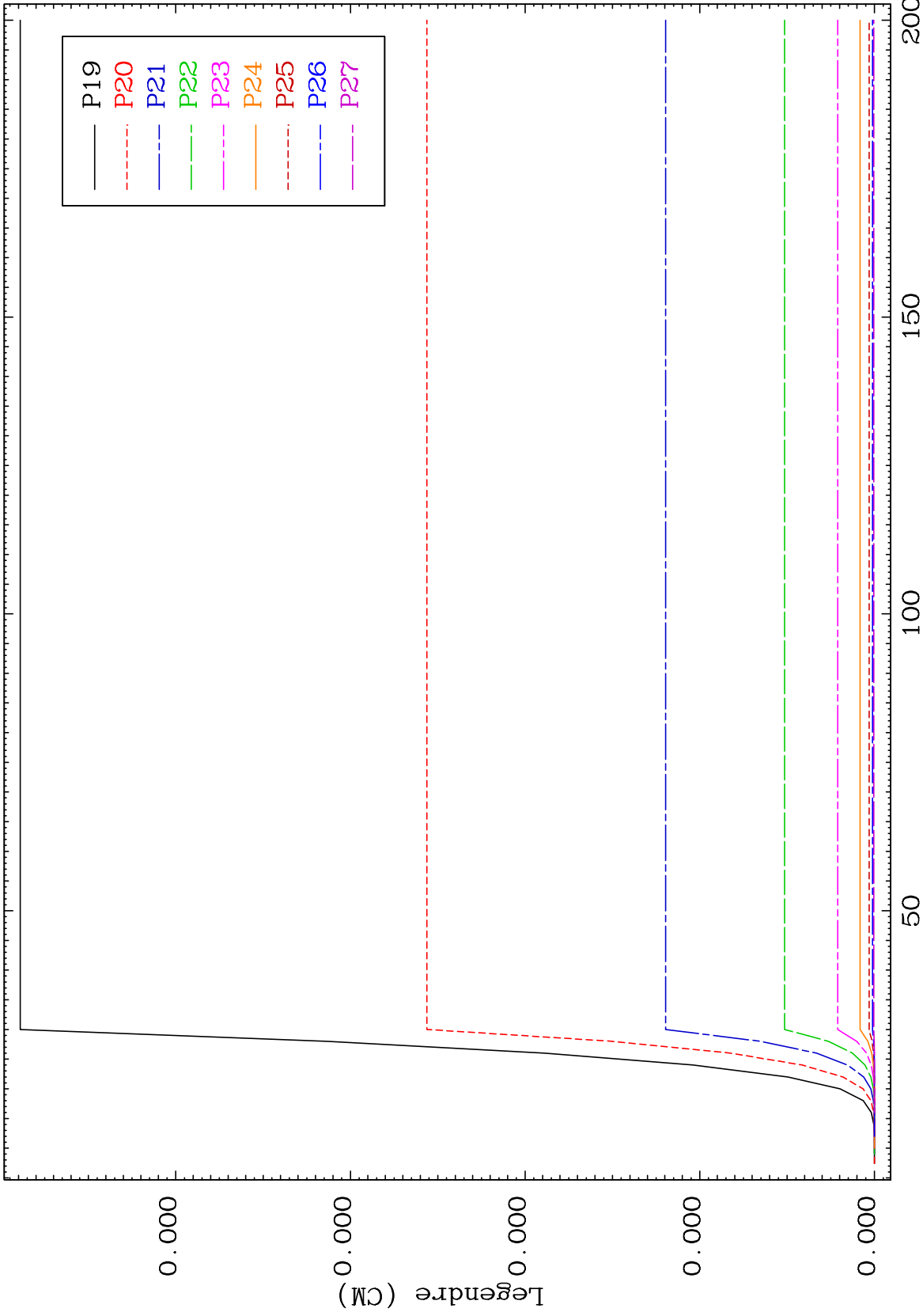
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



118

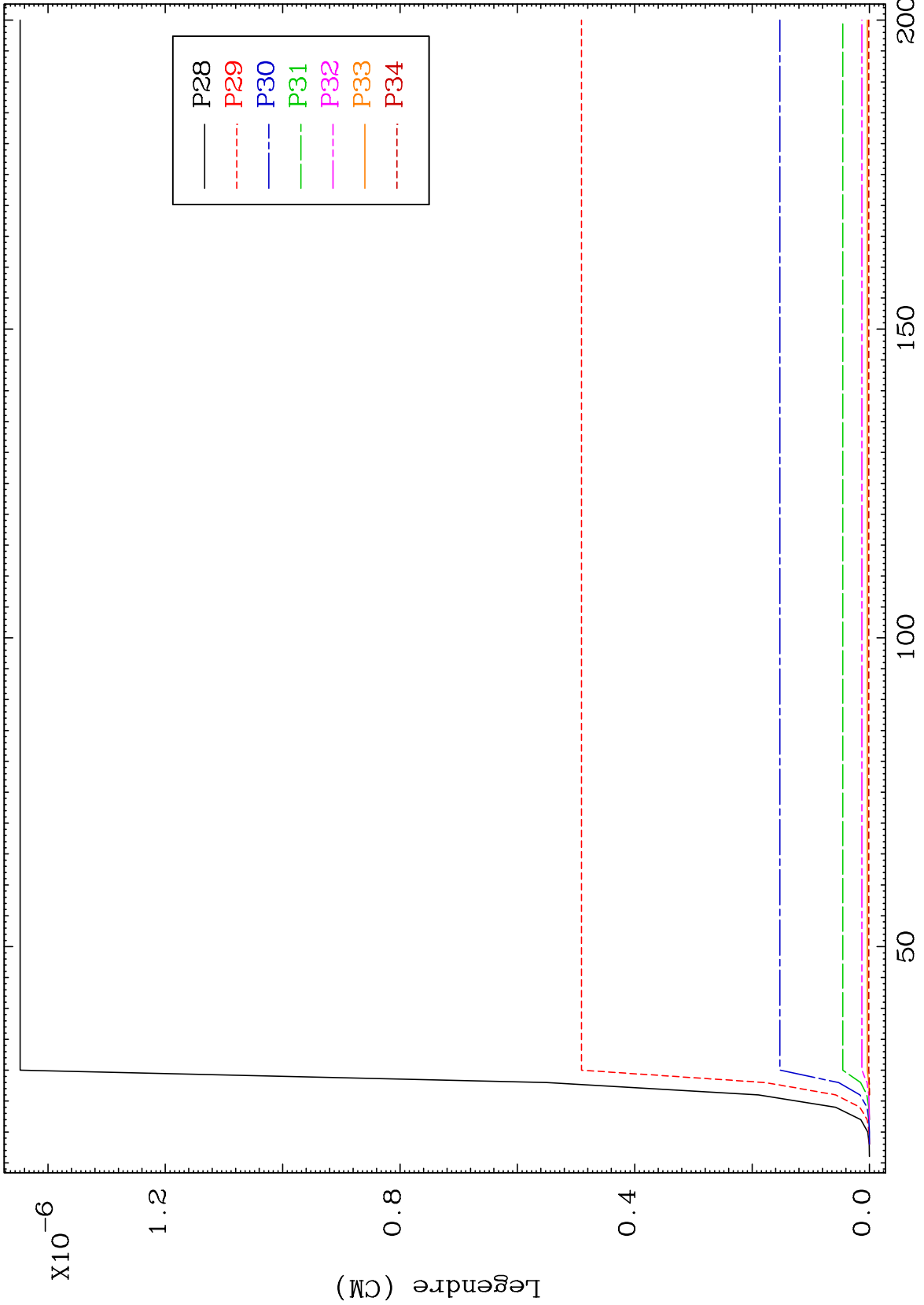
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



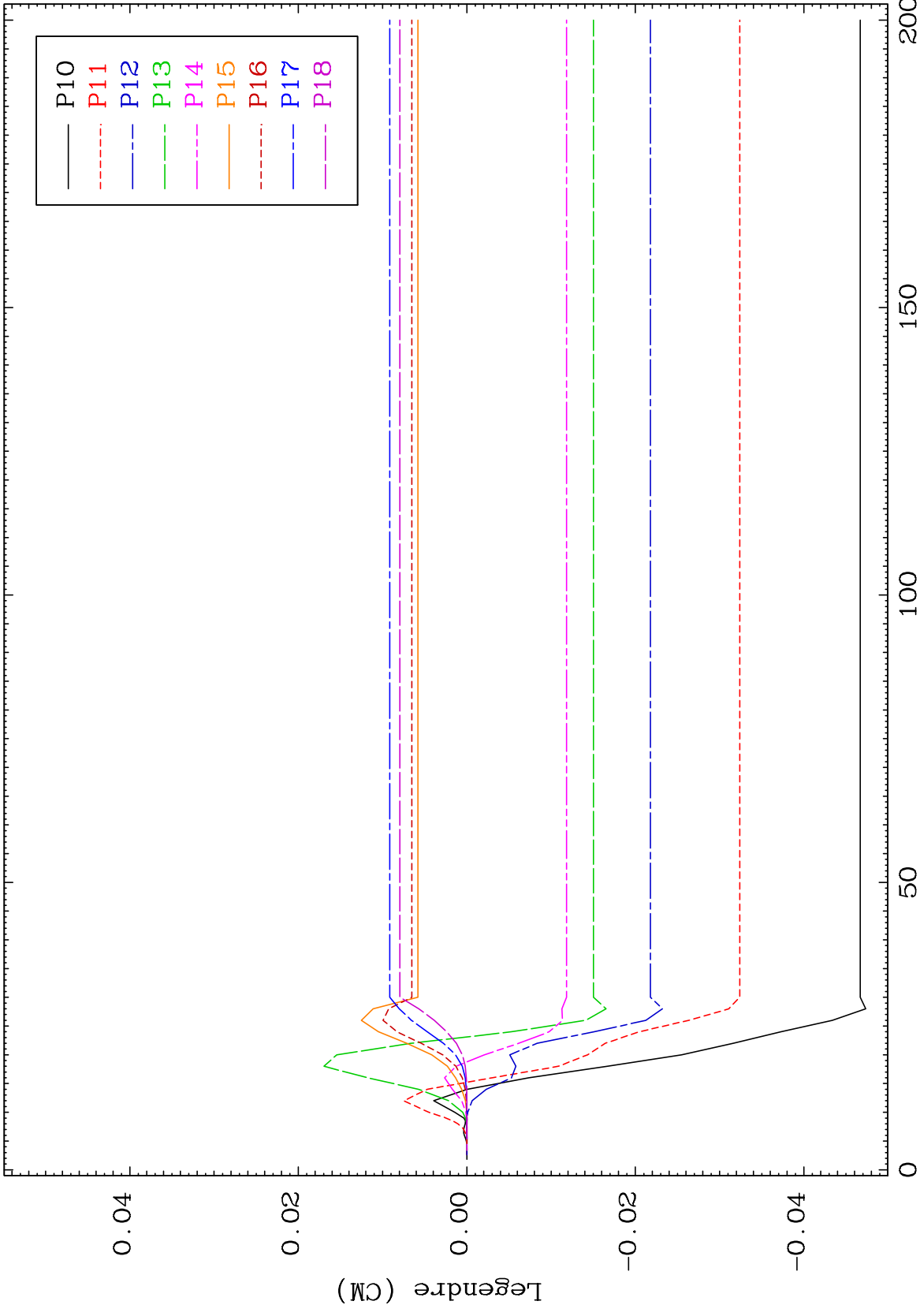
119

44-Ru-105

MAT 4452

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

44-Ru-105



121

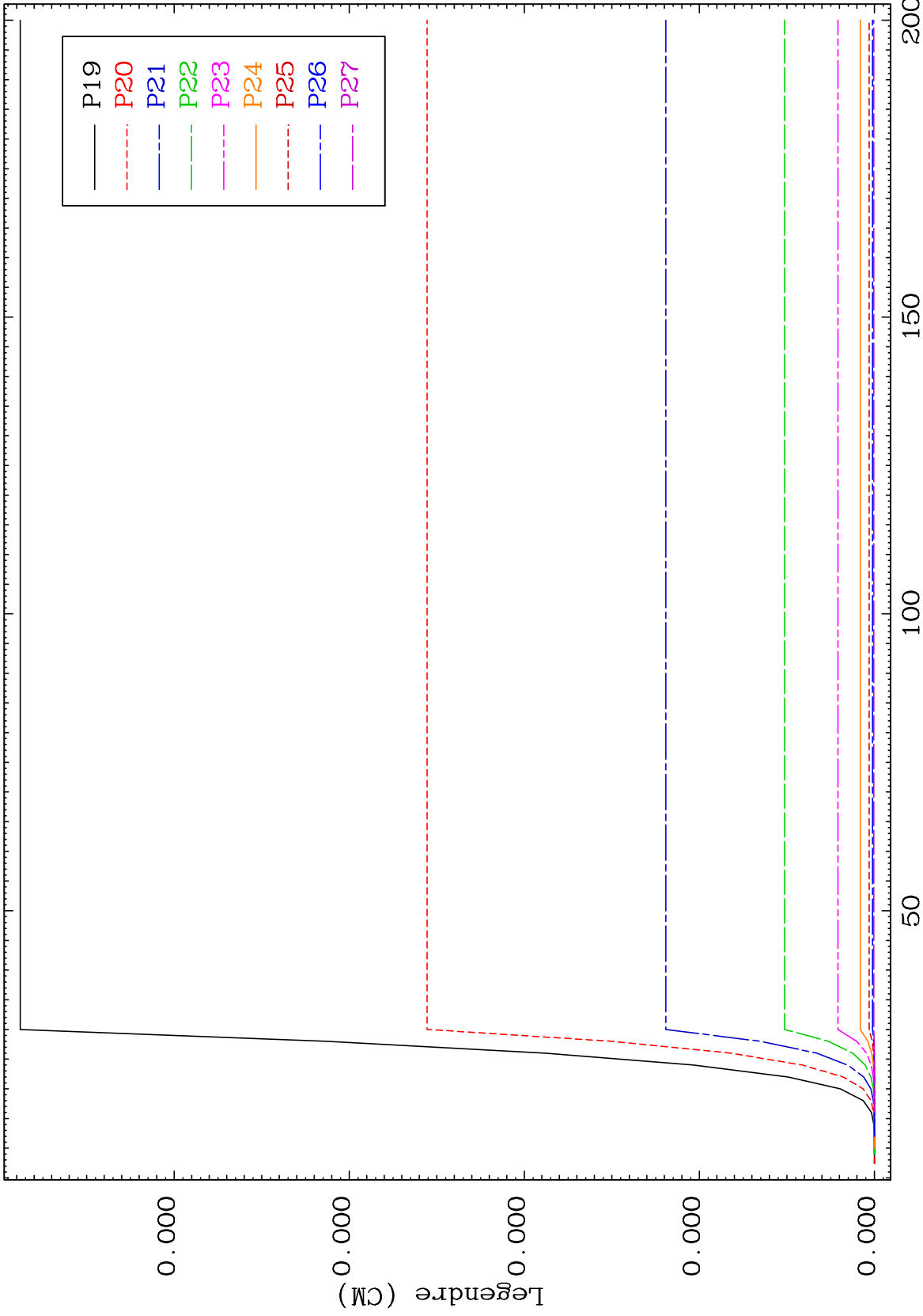
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



122

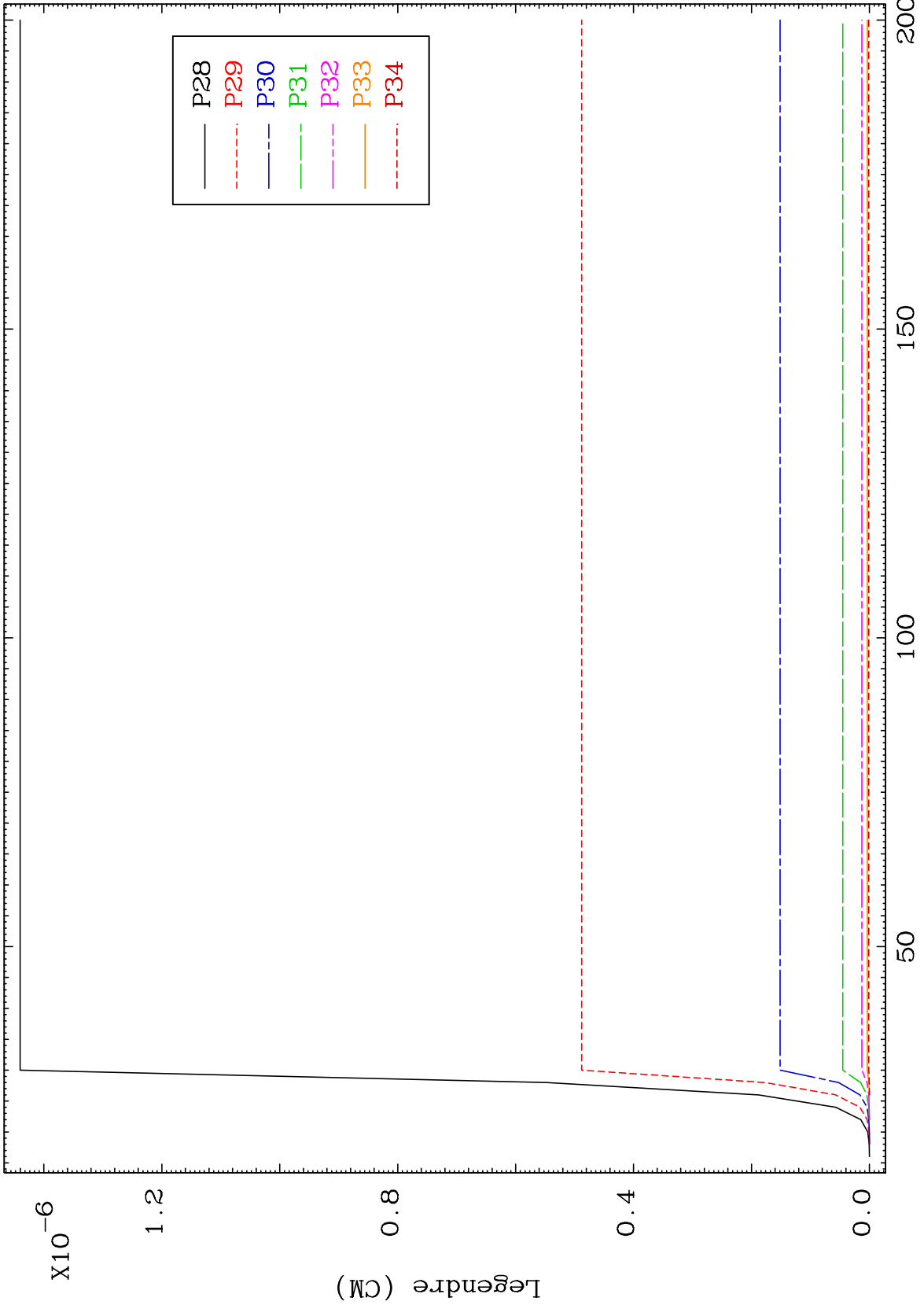
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



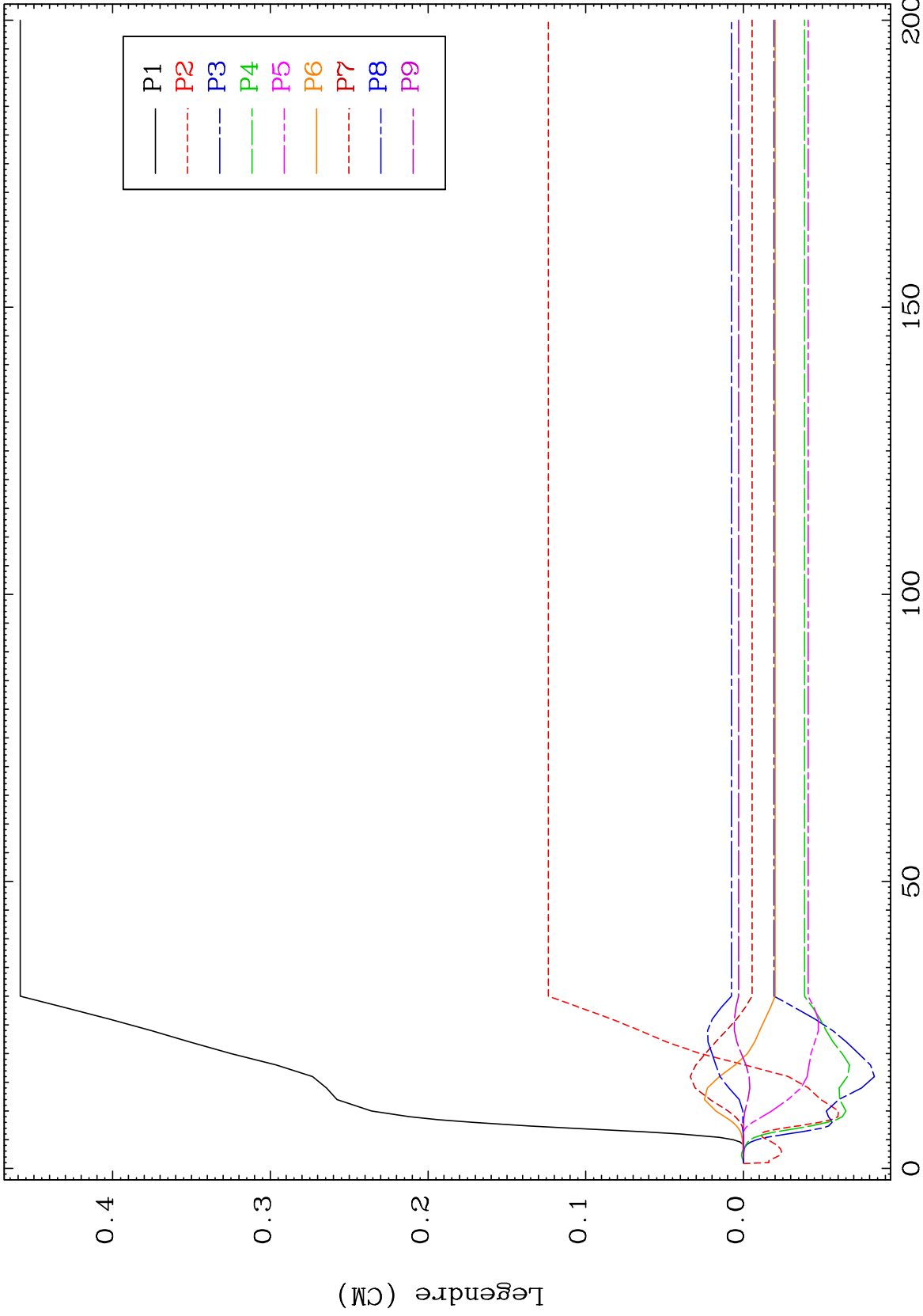
123

44-Ru-105

MAT 4452

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

44-Ru-105



124

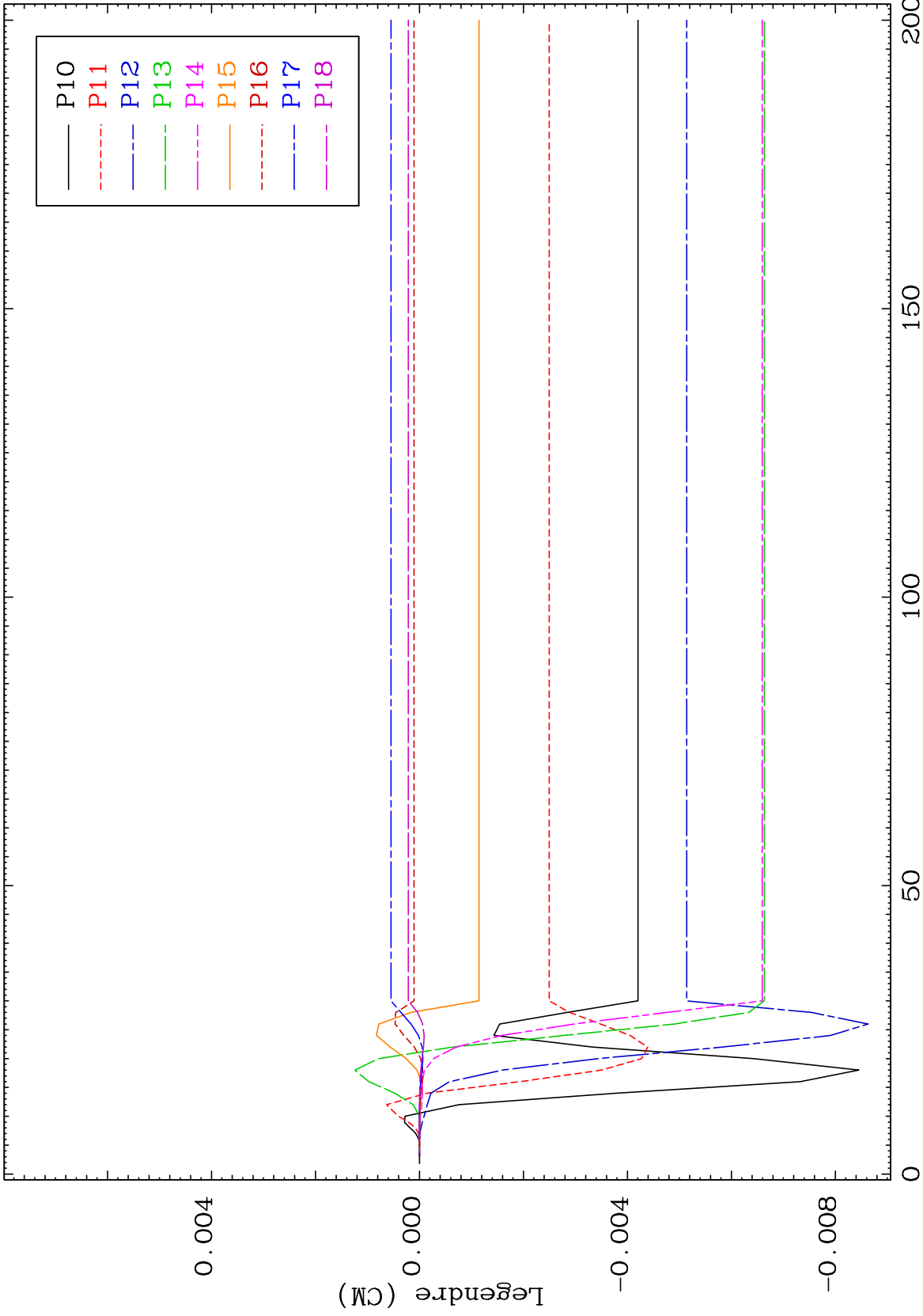
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



125

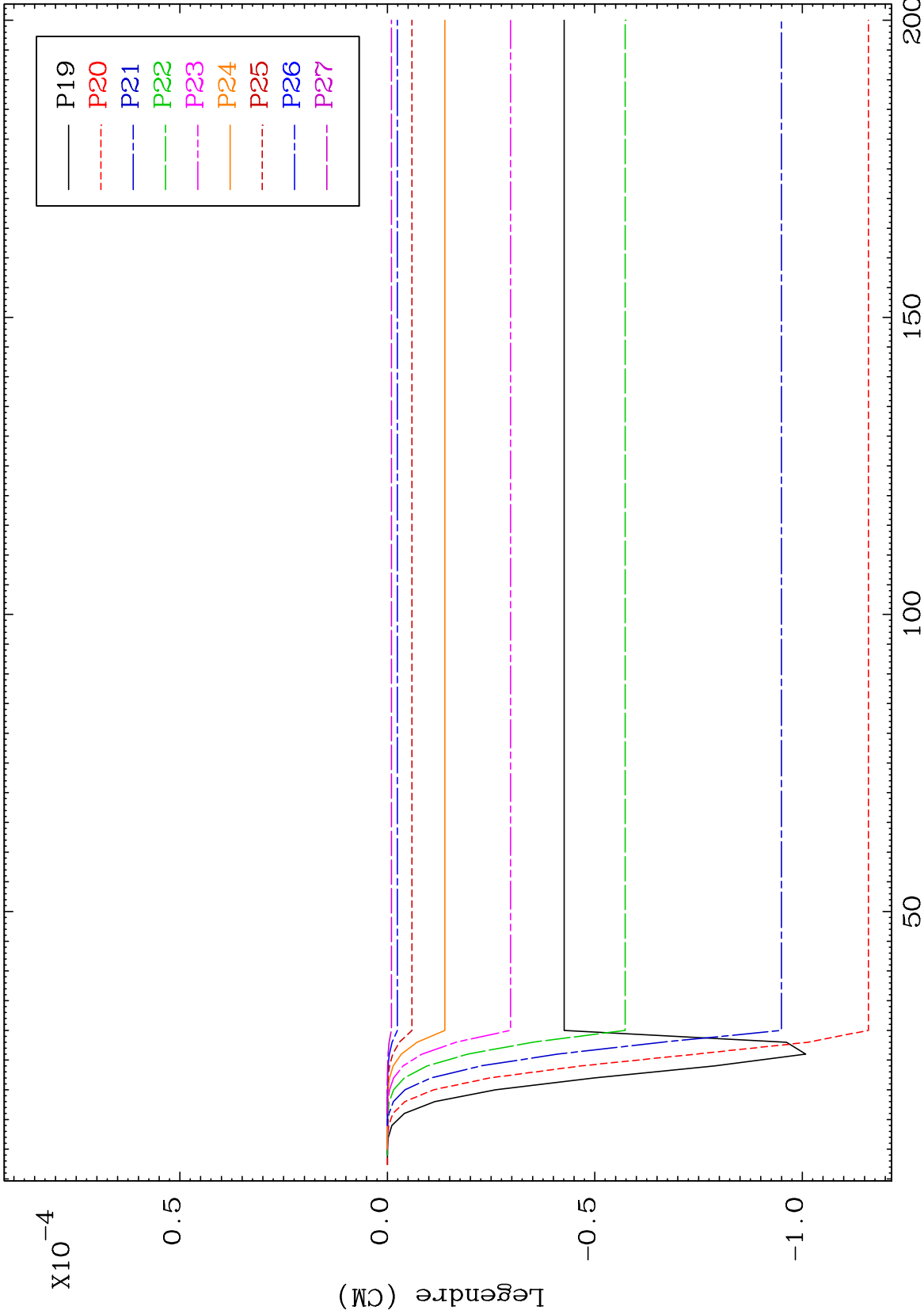
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



126

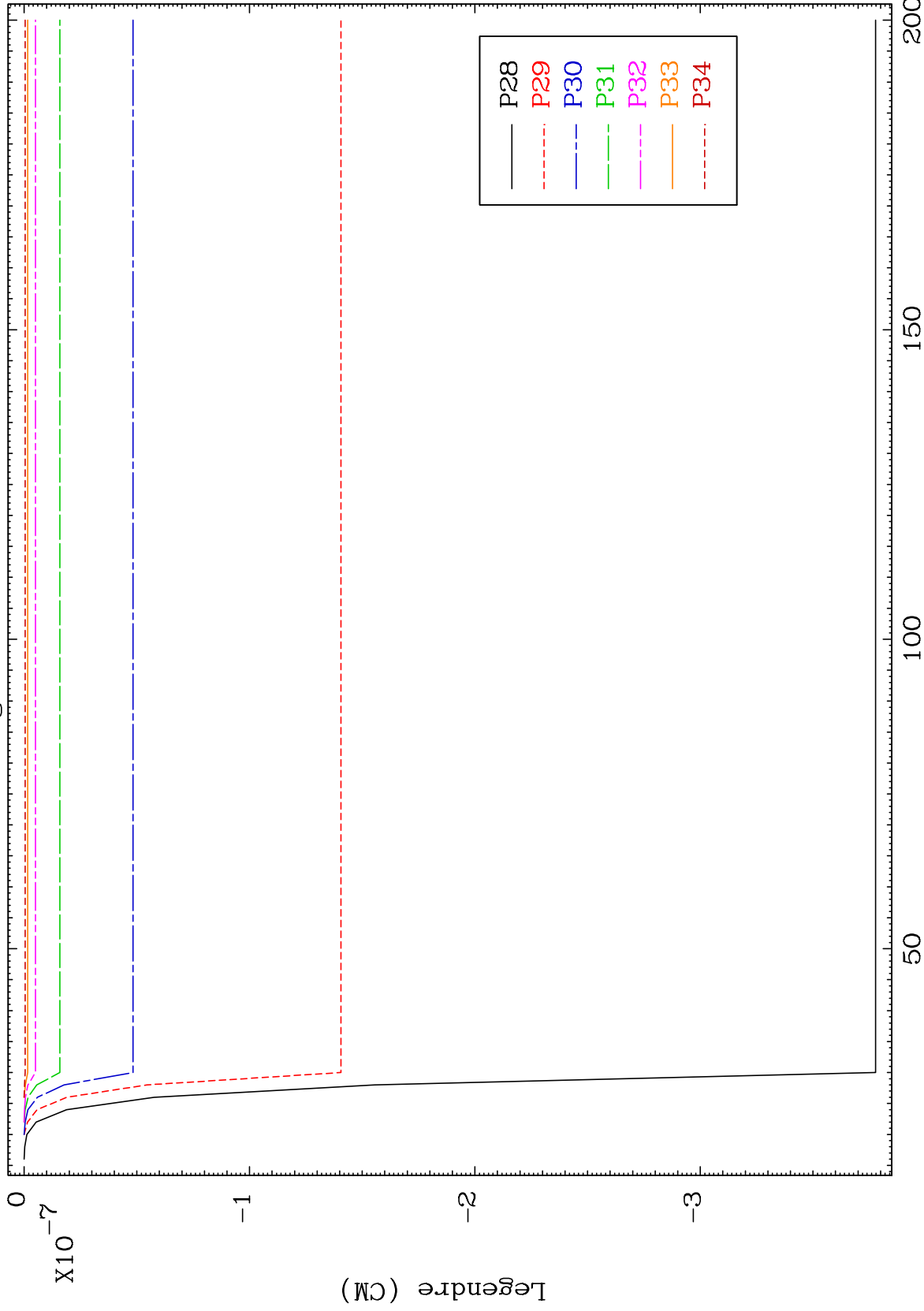
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

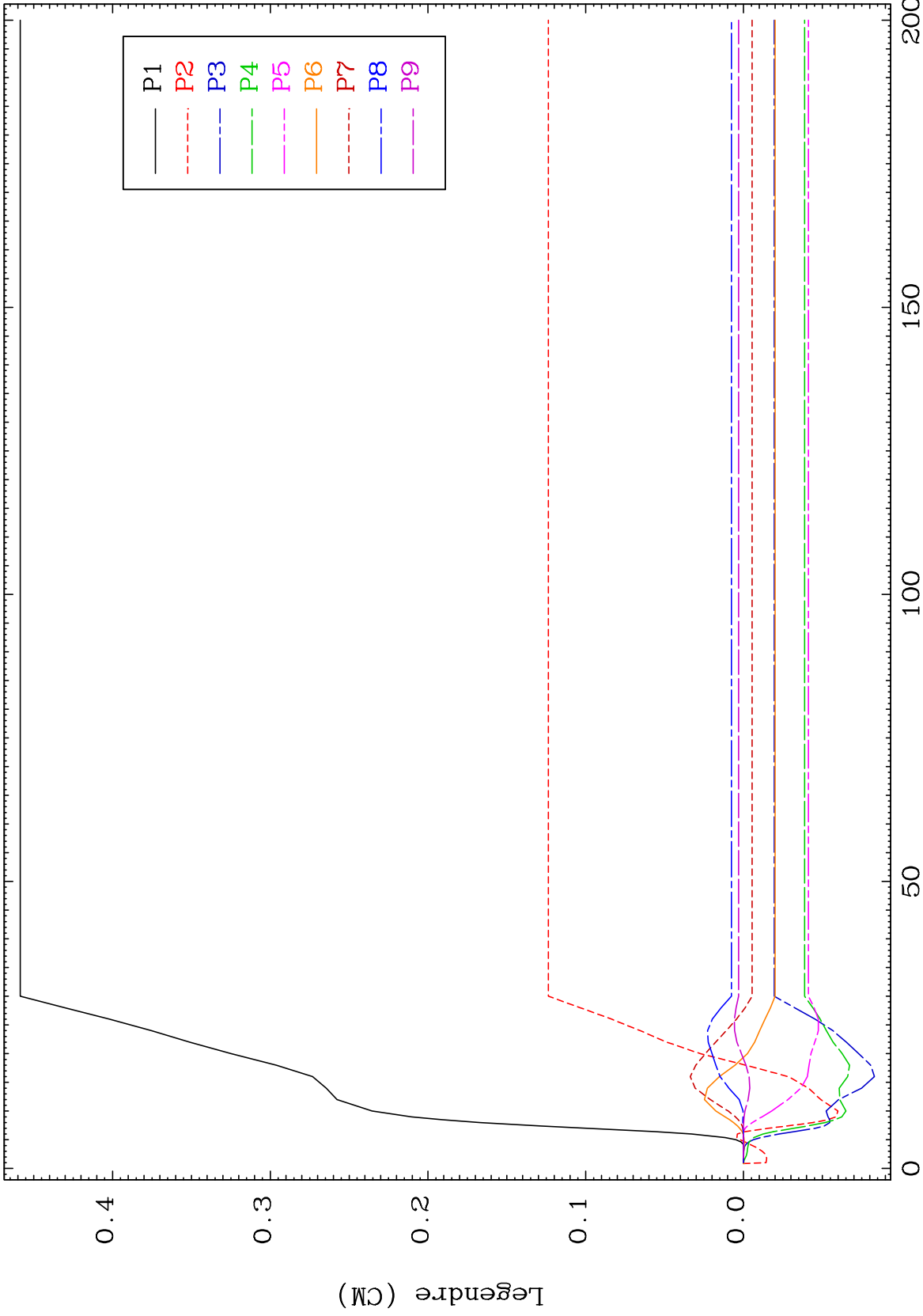
Incident Energy (MeV)

127

MAT 4452

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

44-Ru-105



128

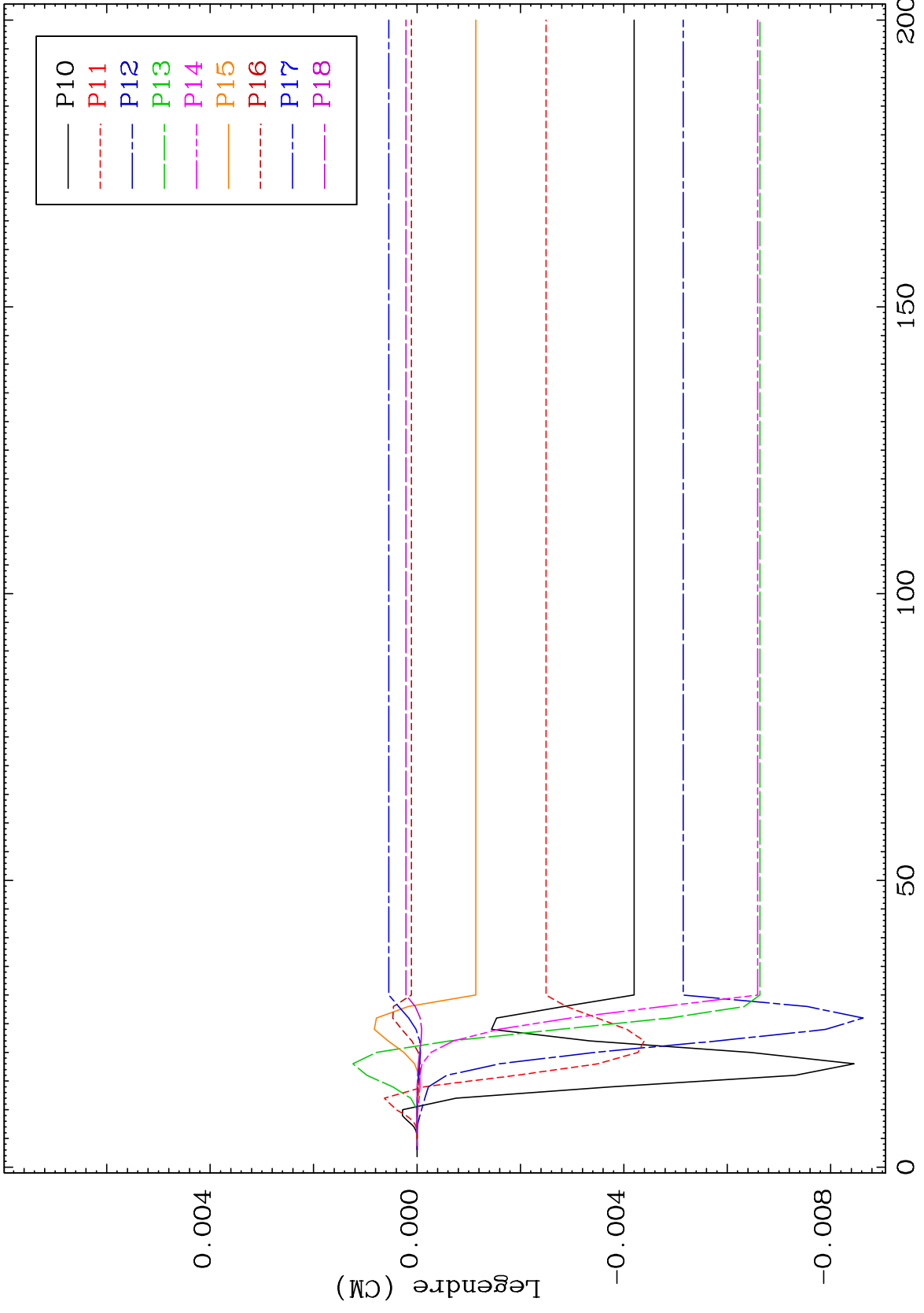
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



129

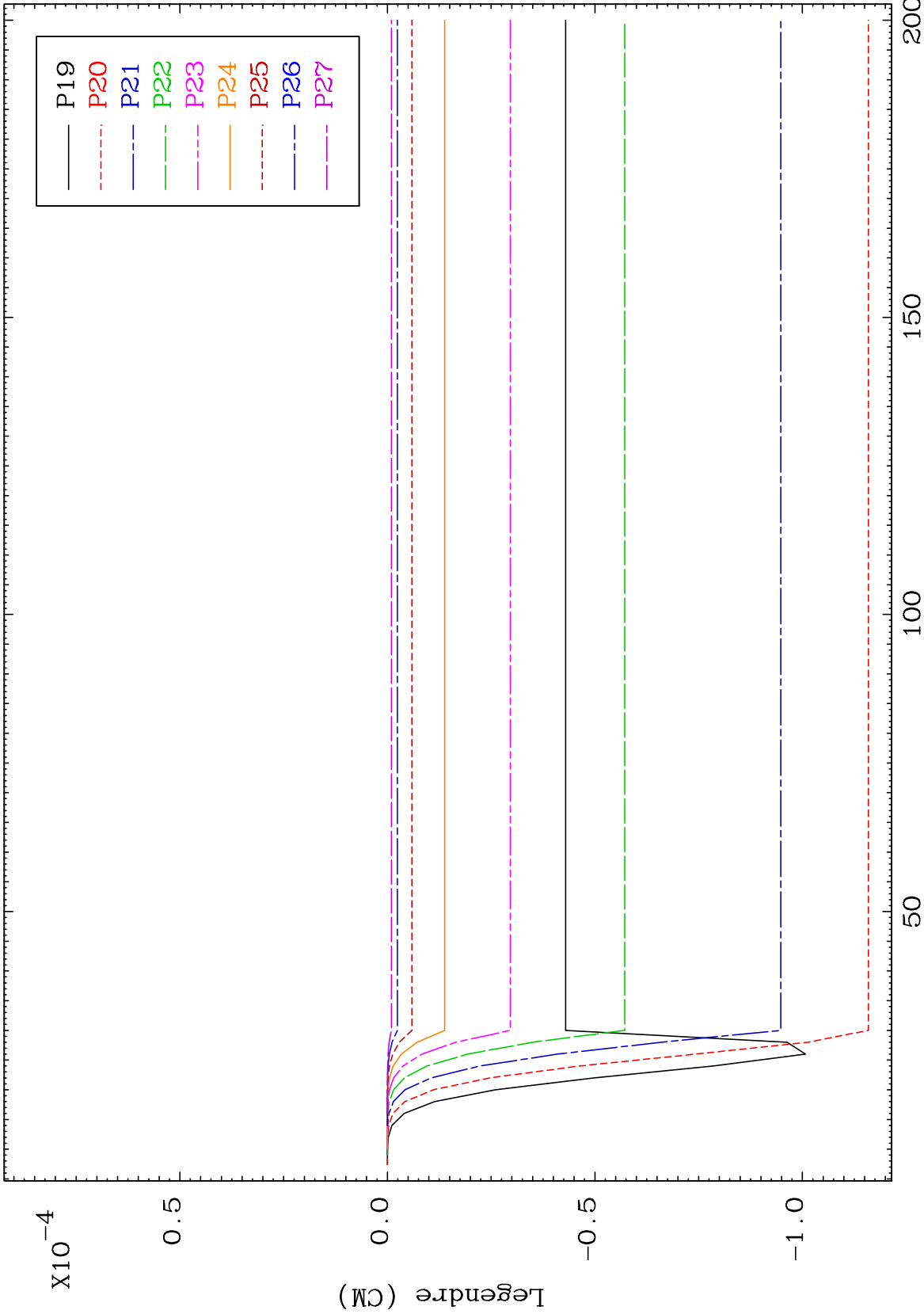
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



130

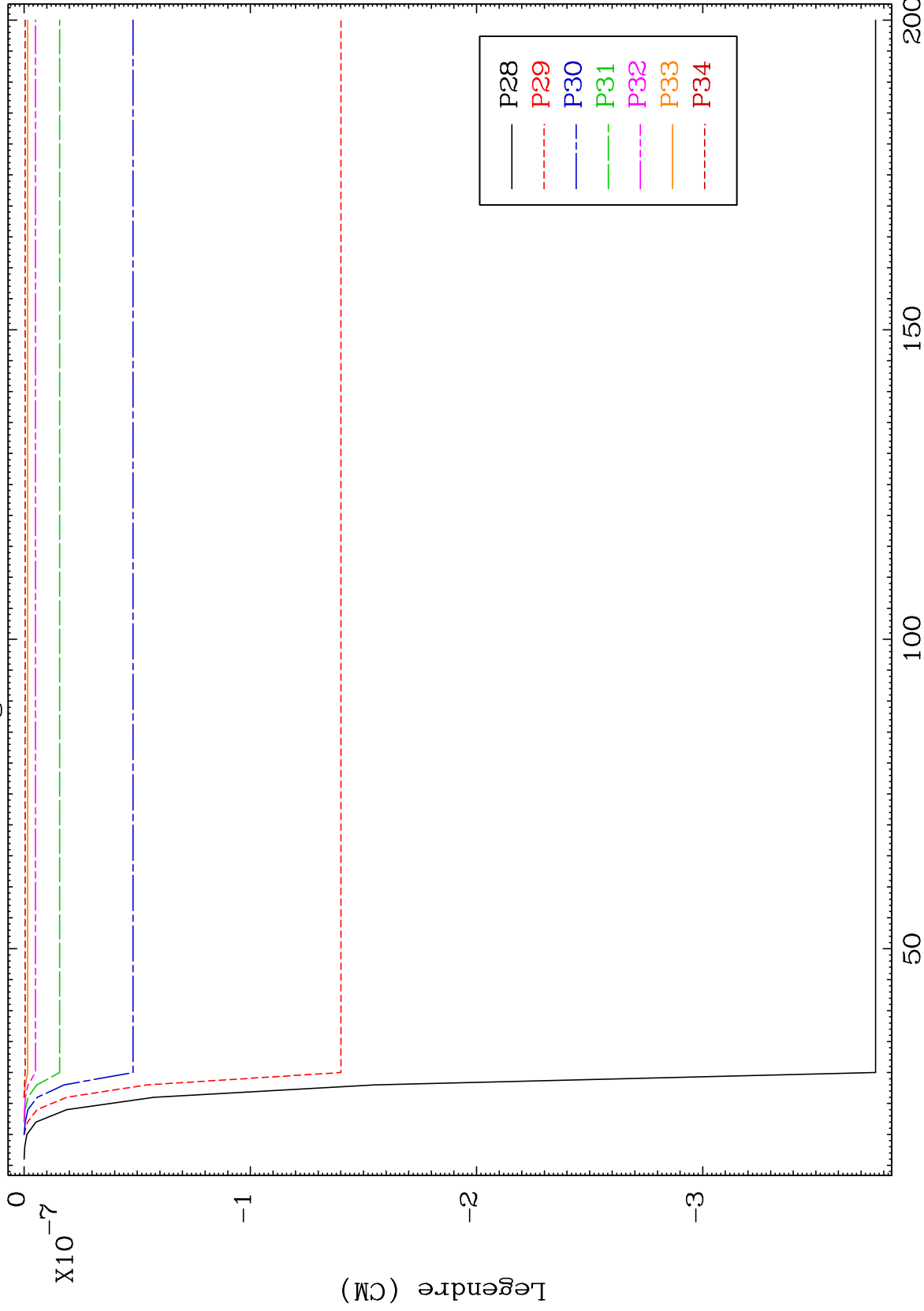
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



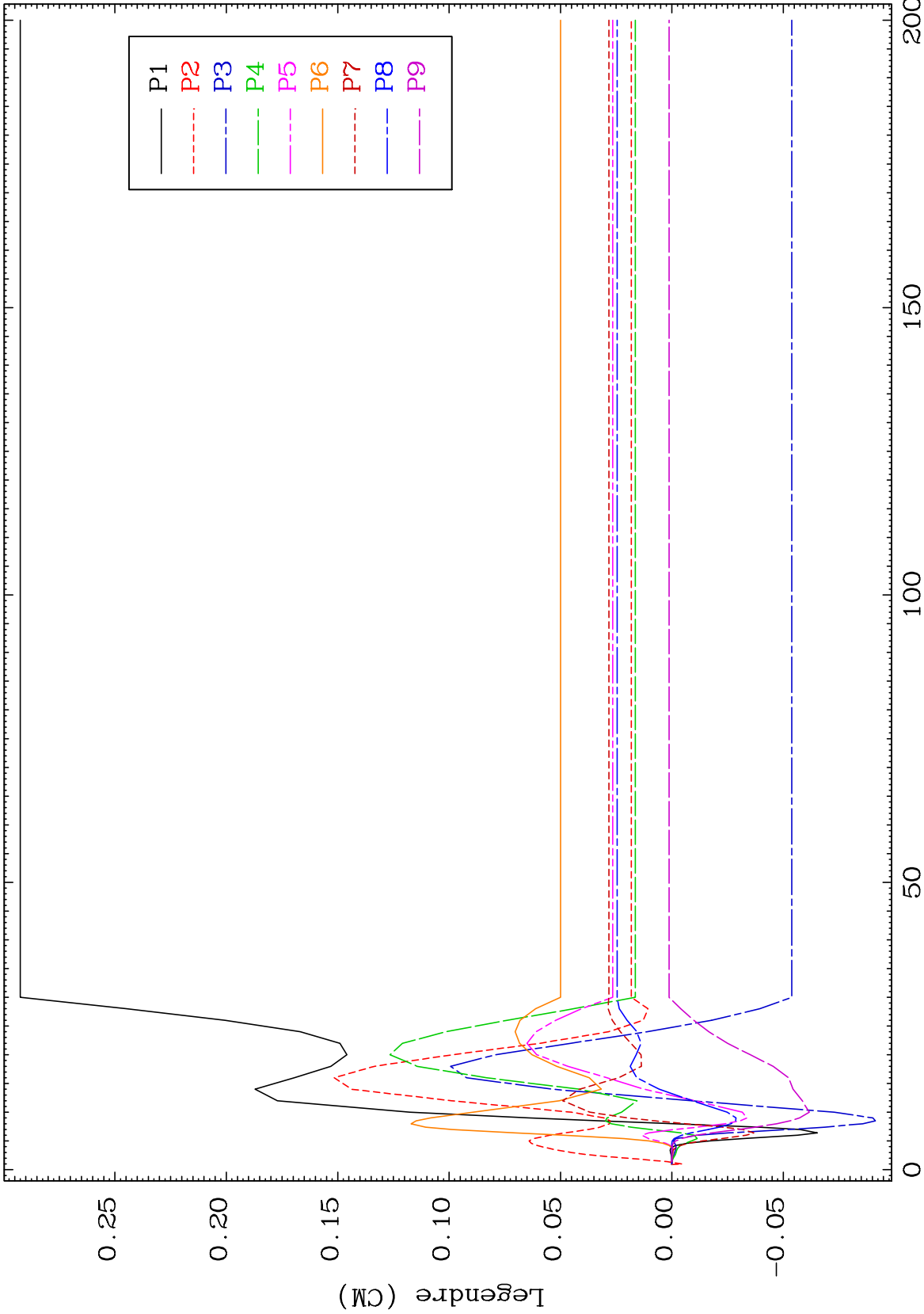
131

44-Ru-105

MAT 4452

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

44-Ru-105



132

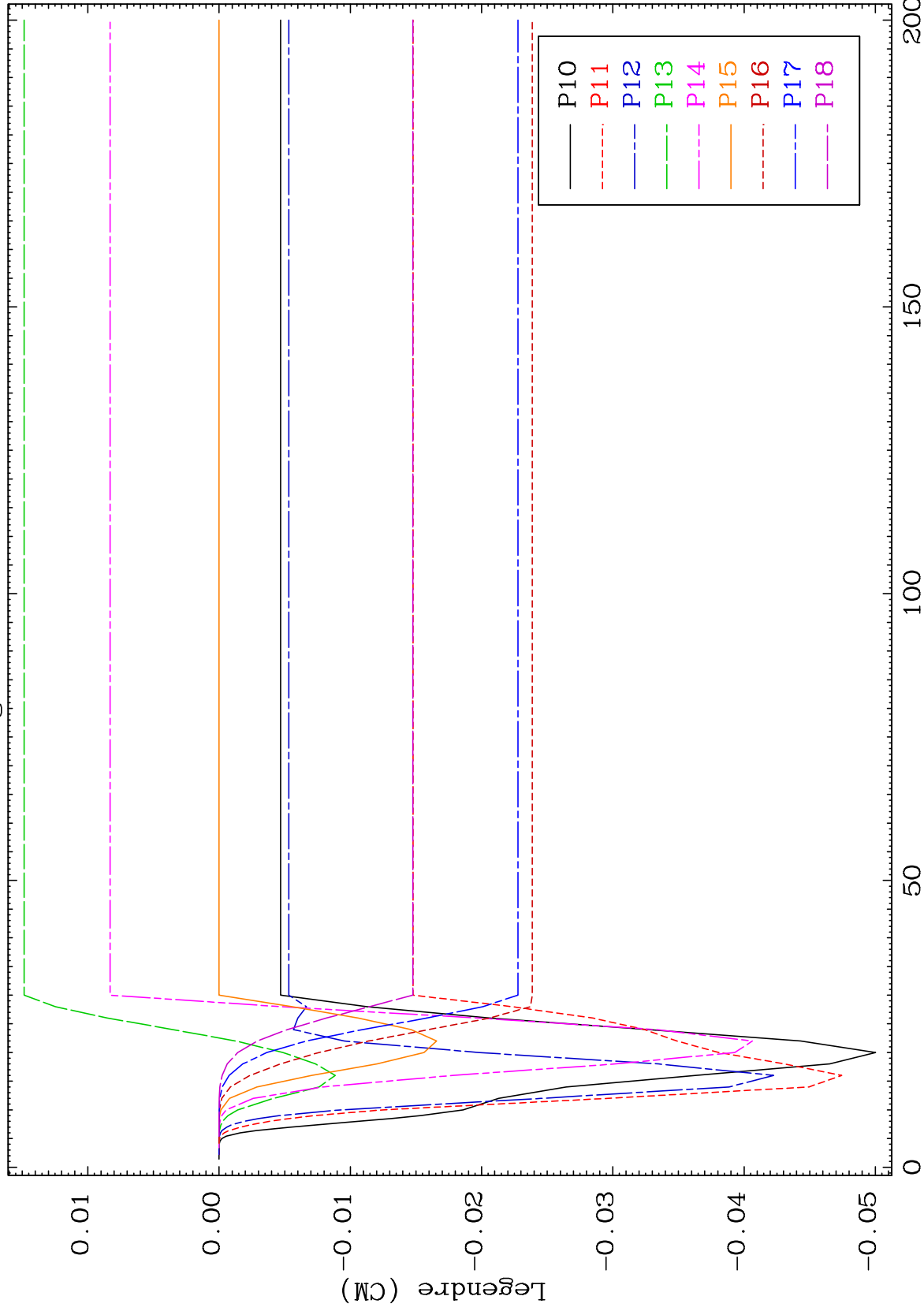
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105

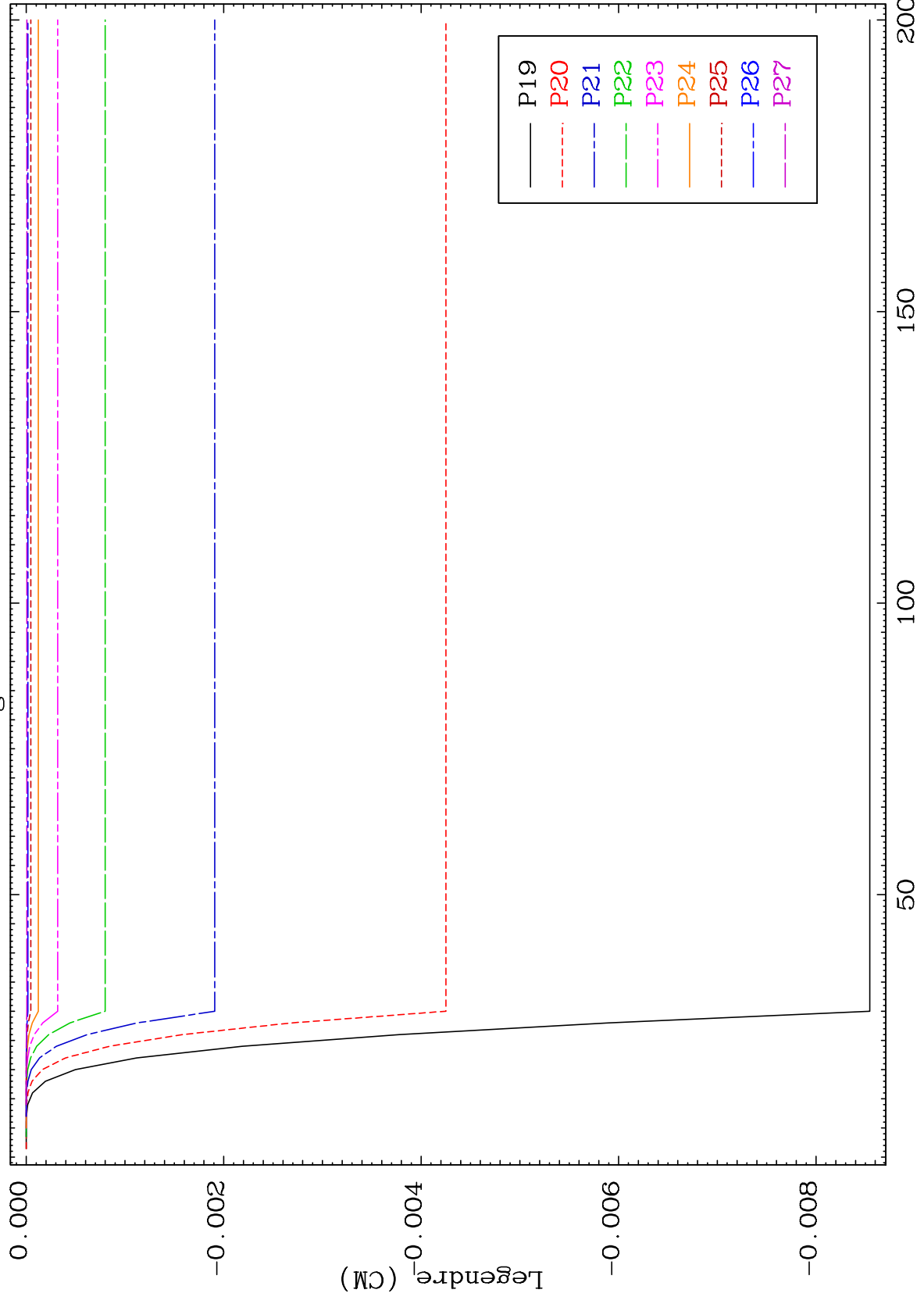


133

Incident Energy (MeV)

44-Ru-105

MAT 4452 MT= 79 (n,n') Level Legendre Coefficients 44-Ru-105

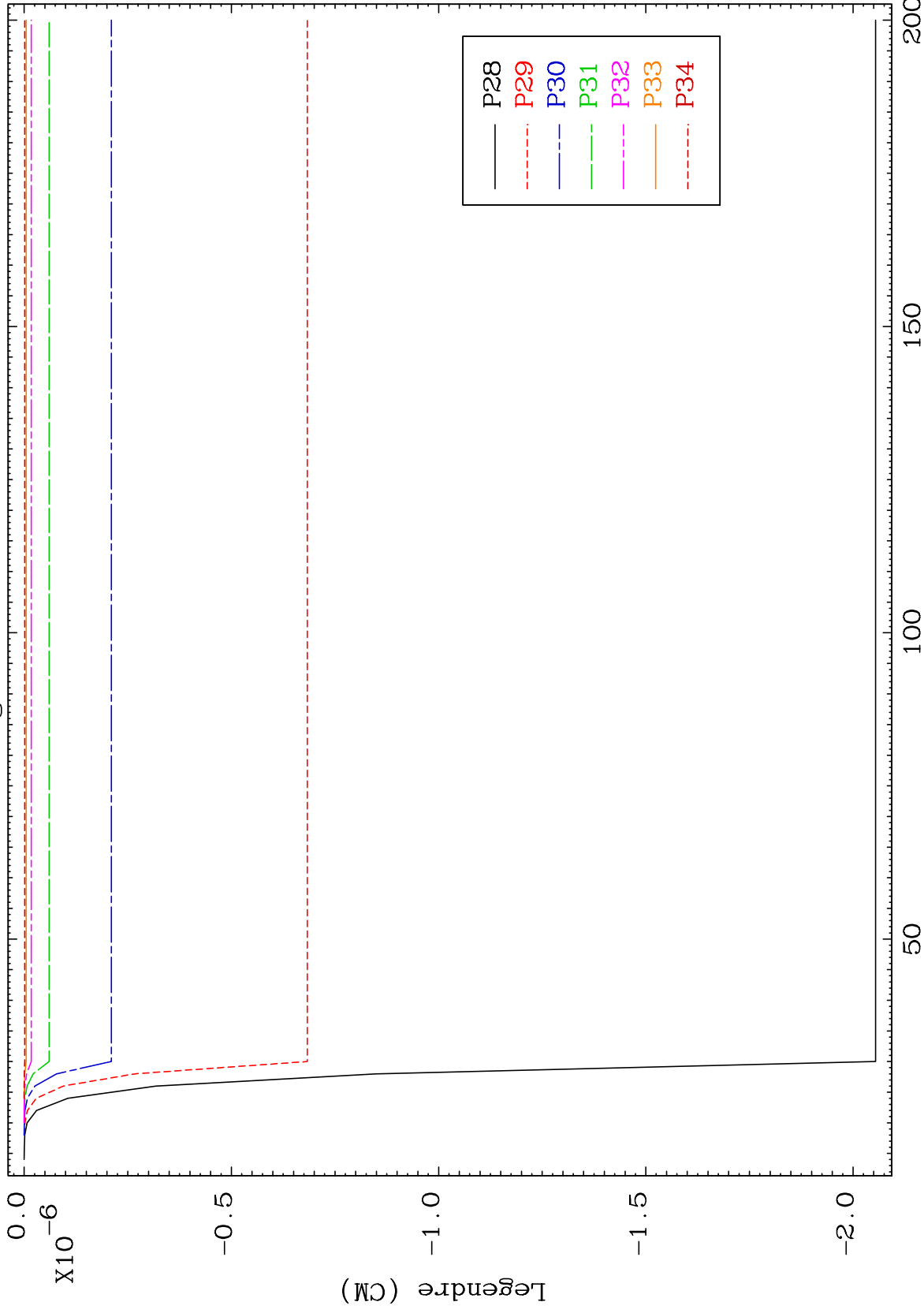


134 44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

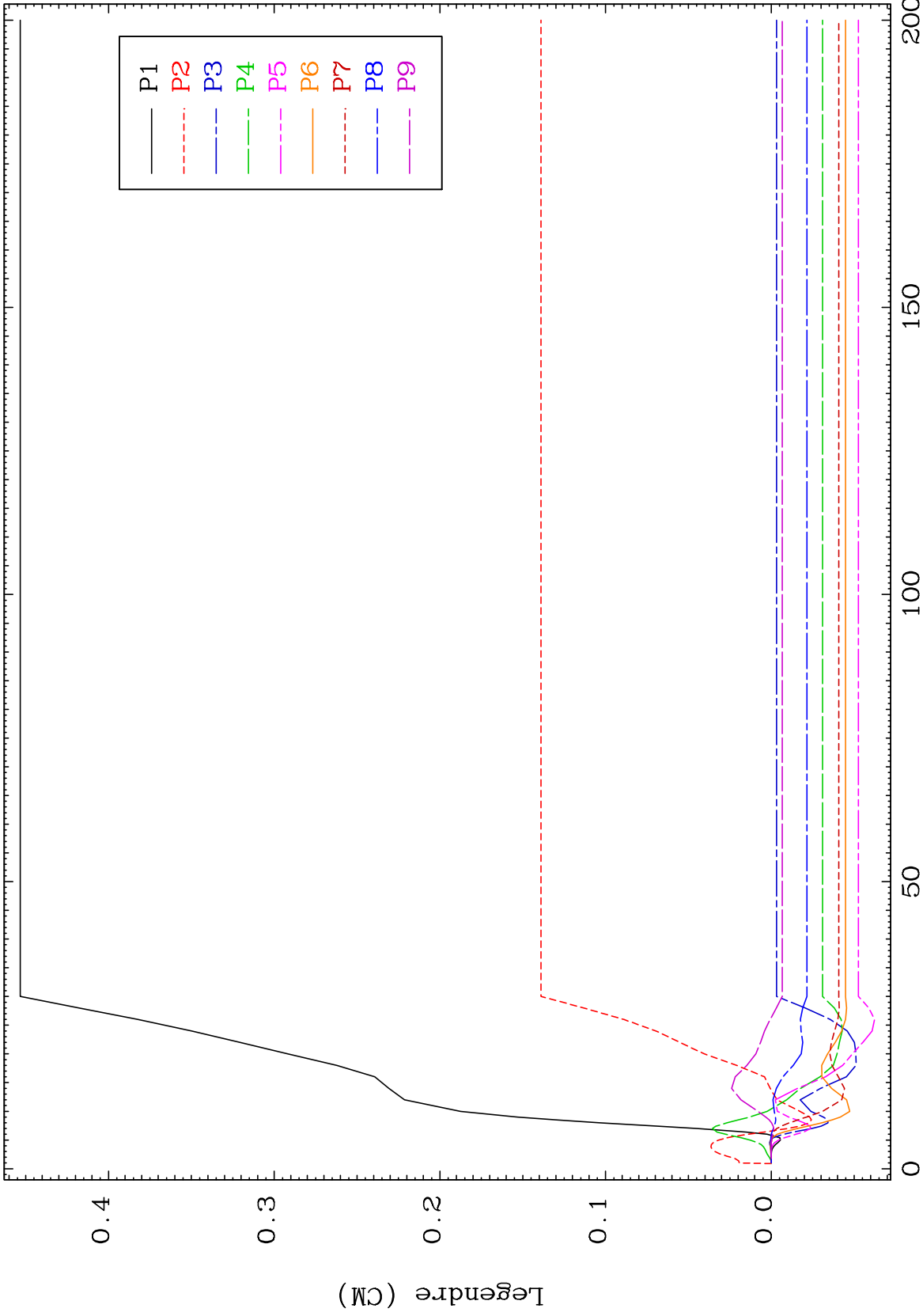
Incident Energy (MeV)

135

MAT 4452

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

44-Ru-105



136

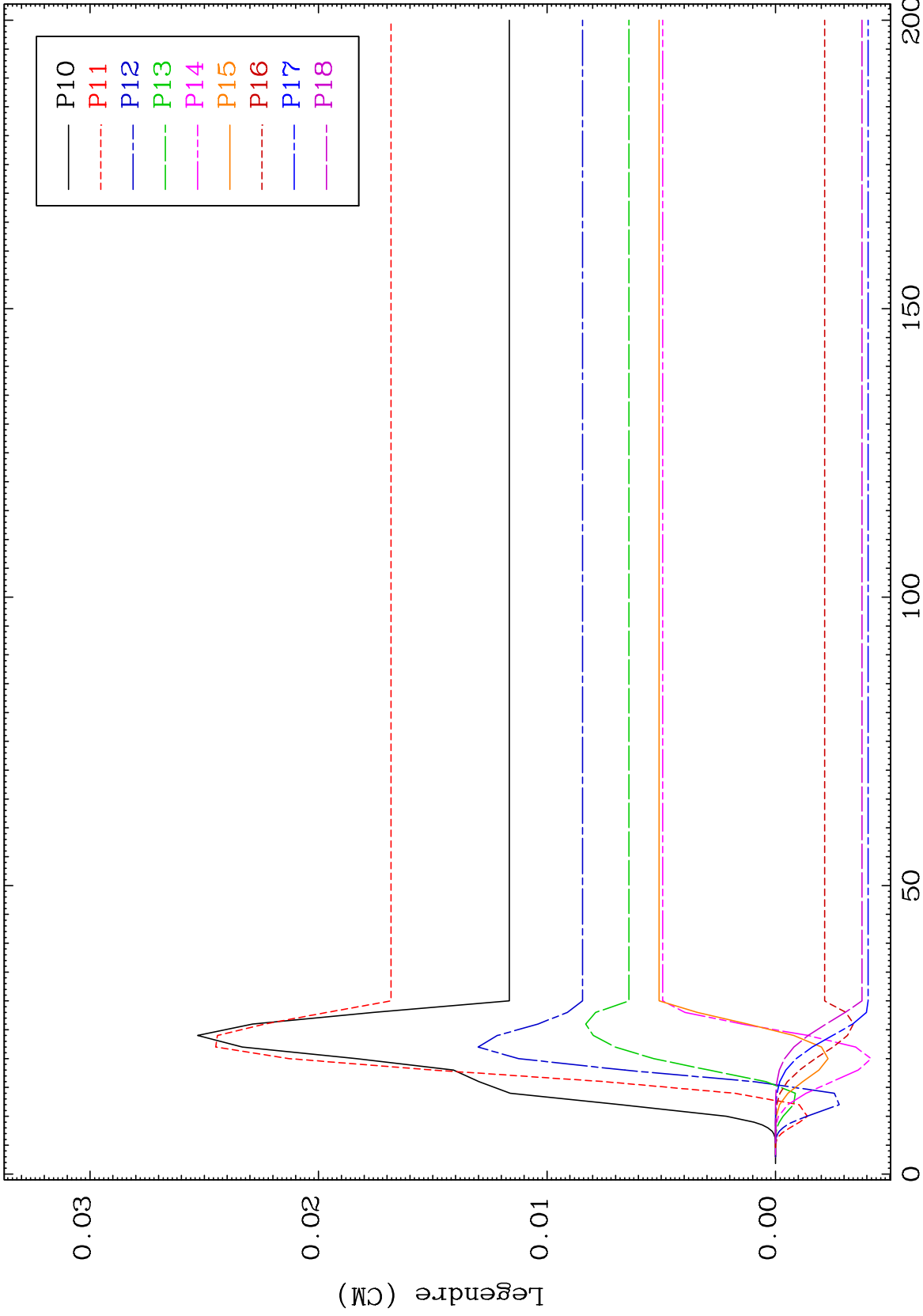
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



137

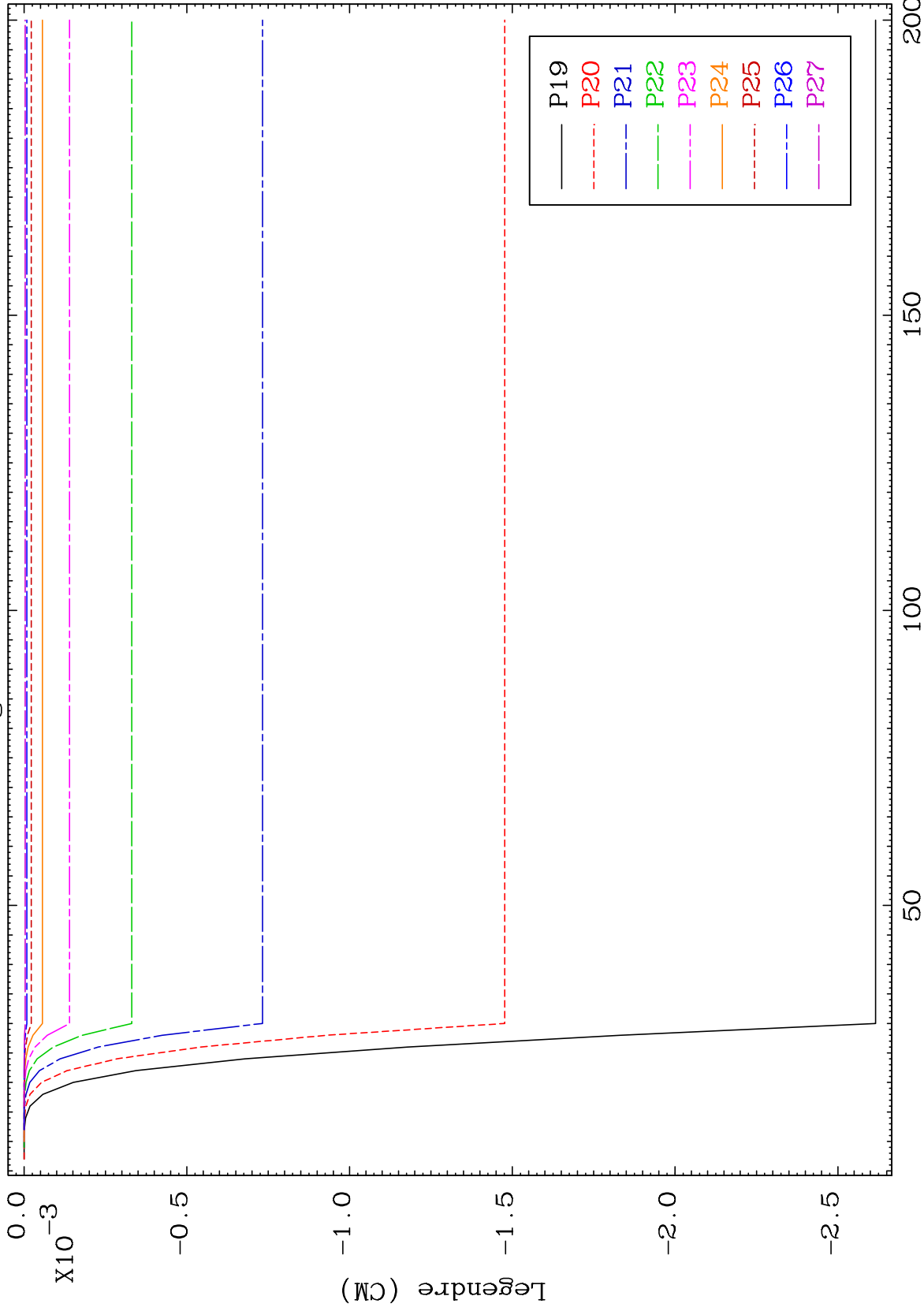
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



138

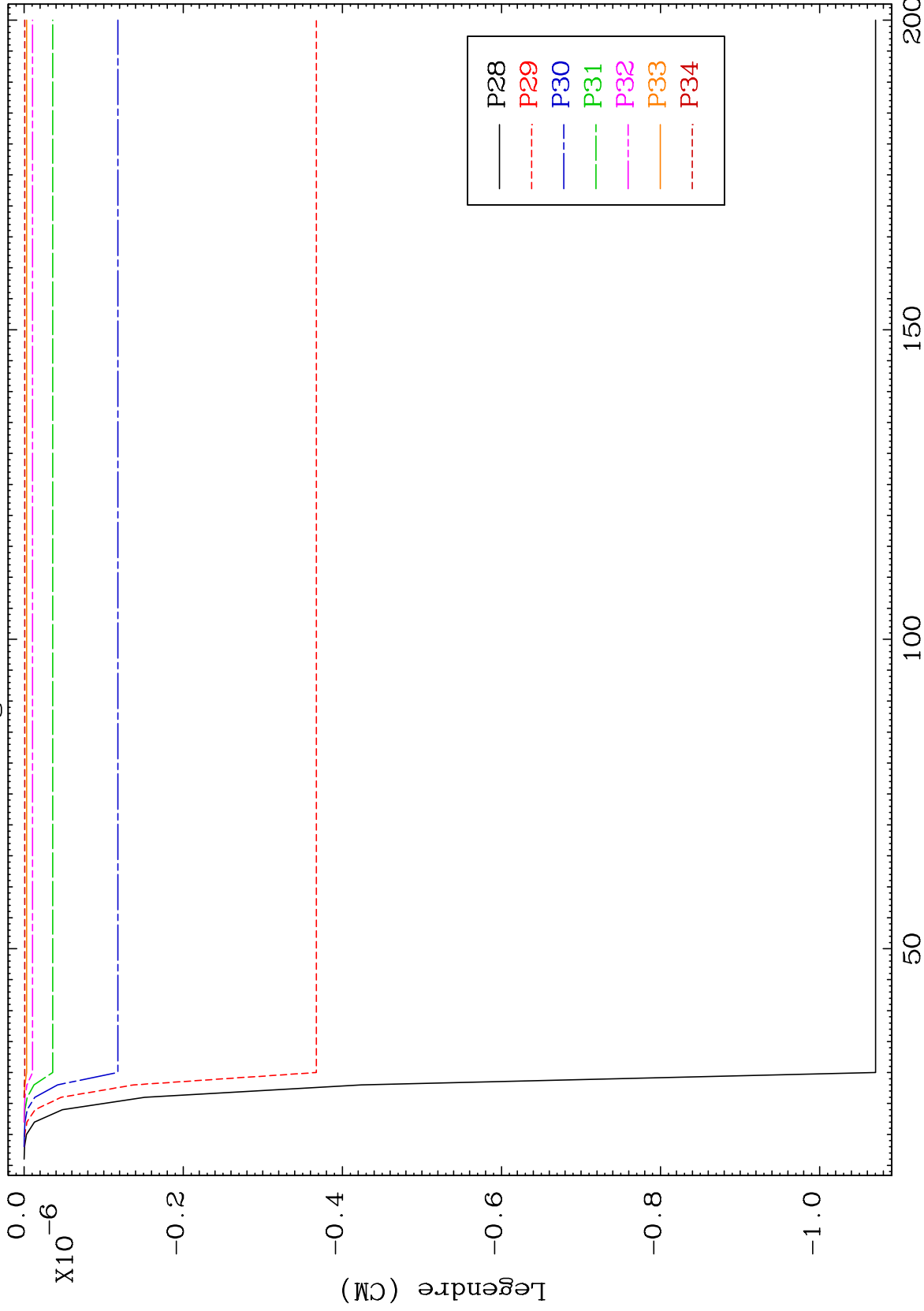
Incident Energy (MeV)

44-Ru-105

MAT 4452

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

44-Ru-105



44-Ru-105

Incident Energy (MeV)

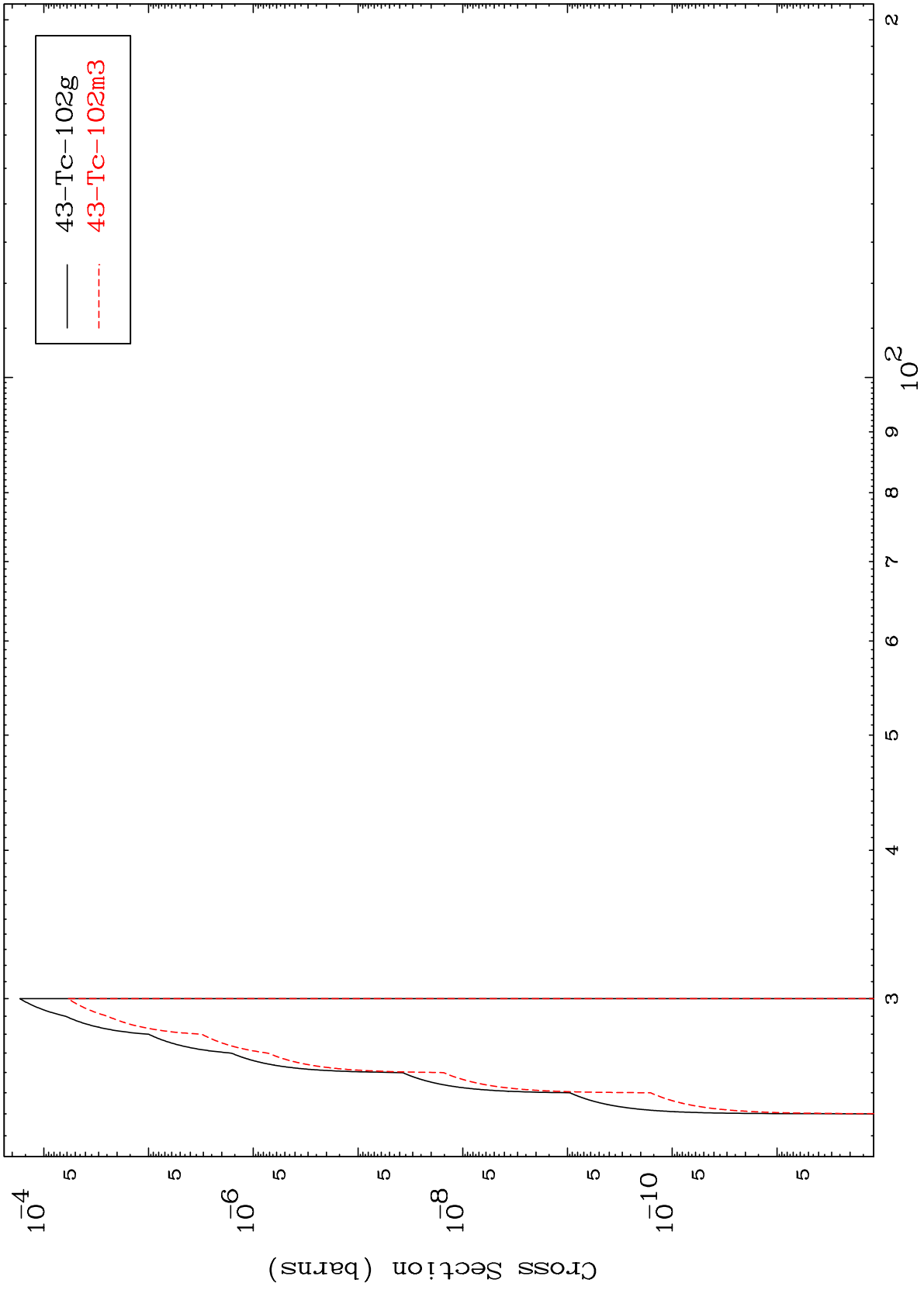
139

MAT 4452

(n,2n) d

44-Ru-105

Radionuclide Production Cross Section



140

Incident Energy (MeV)

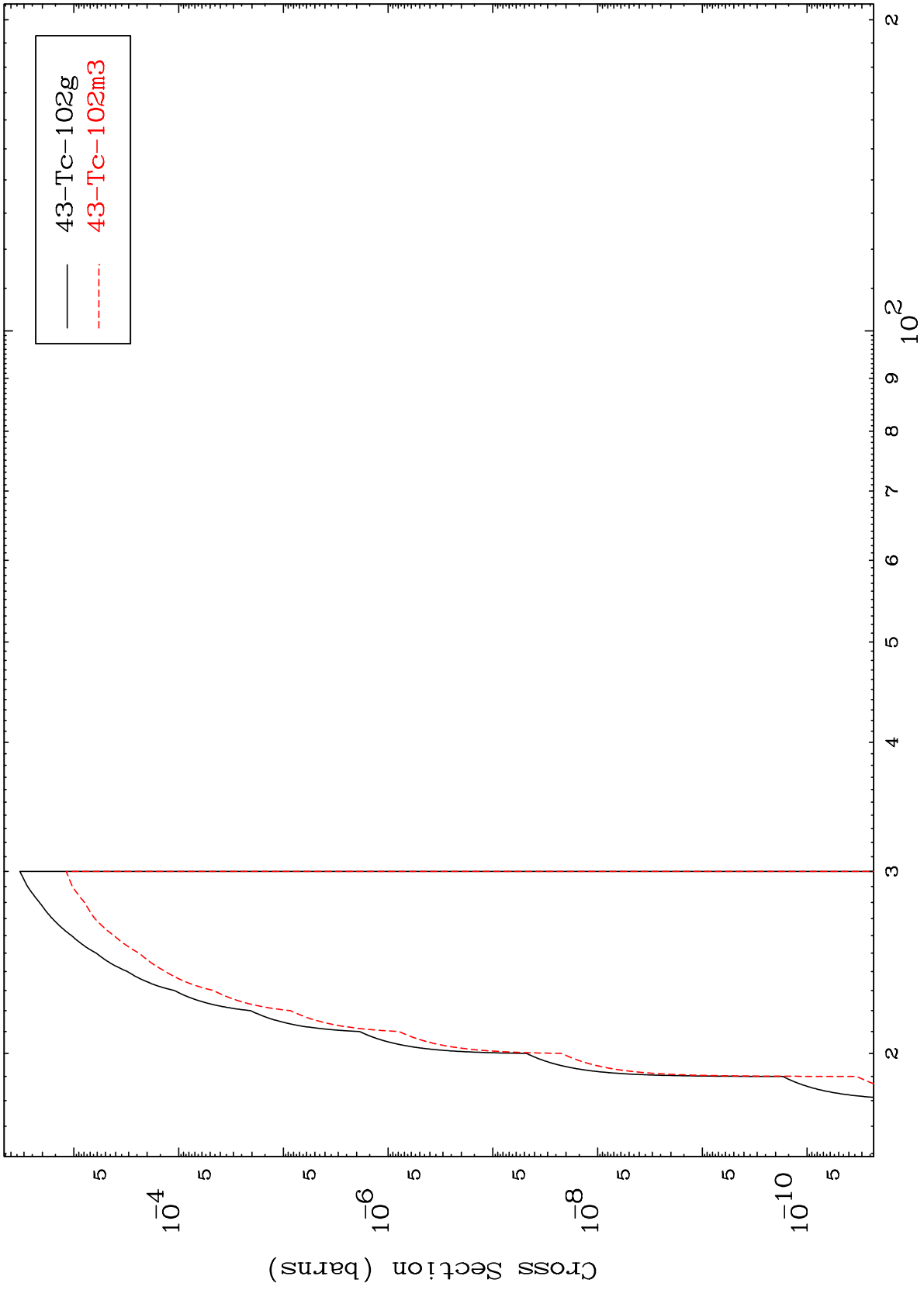
44-Ru-105

MAT 4452

(n,n') t

44-Ru-105

Radionuclide Production Cross Section



141

Incident Energy (MeV)

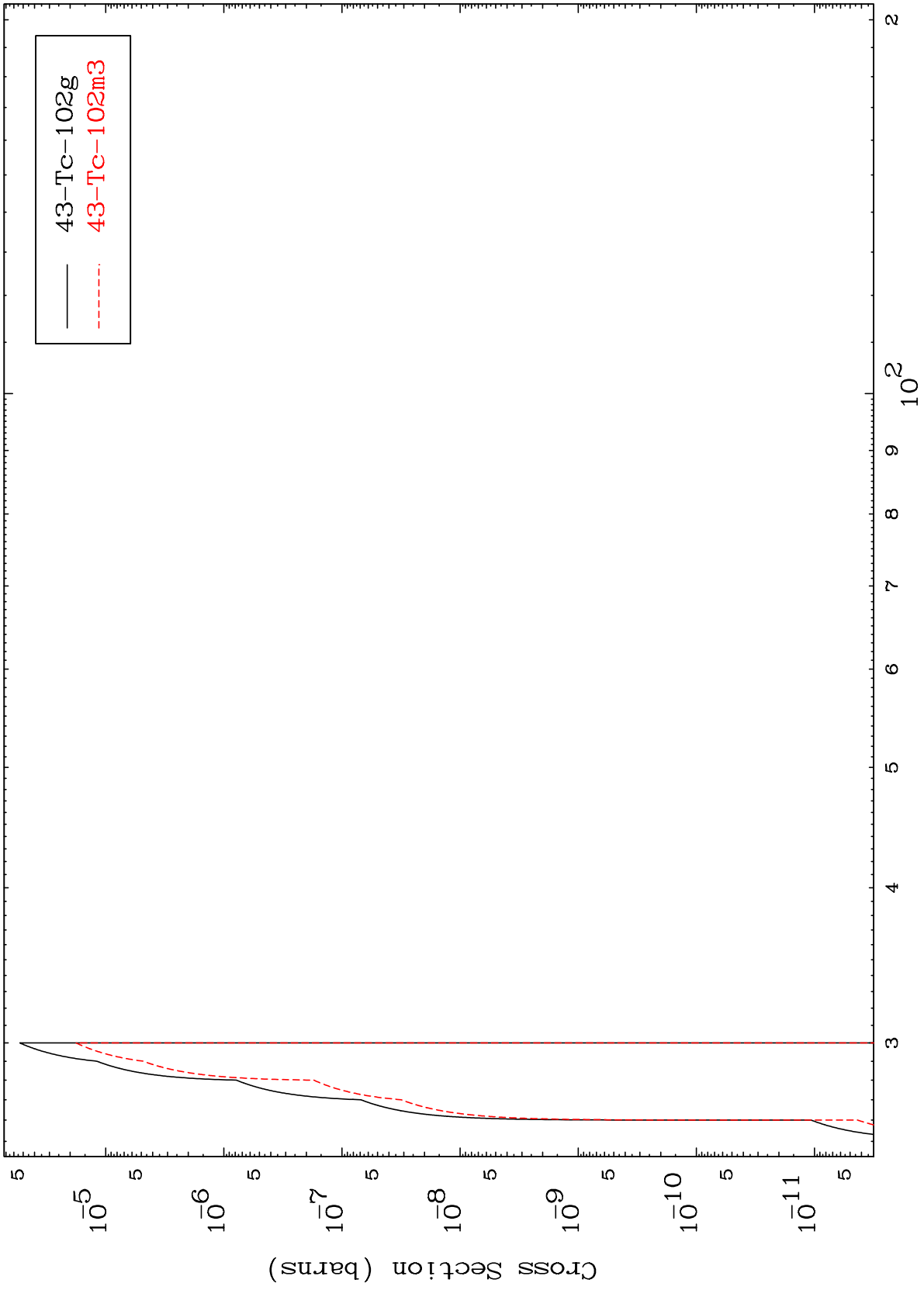
44-Ru-105

MAT 4452

(n,3n) p

44-Ru-105

Radionuclide Production Cross Section



142

Incident Energy (MeV)

44-Ru-105