

Program EVALPLOT
(Version 2021-1)

by

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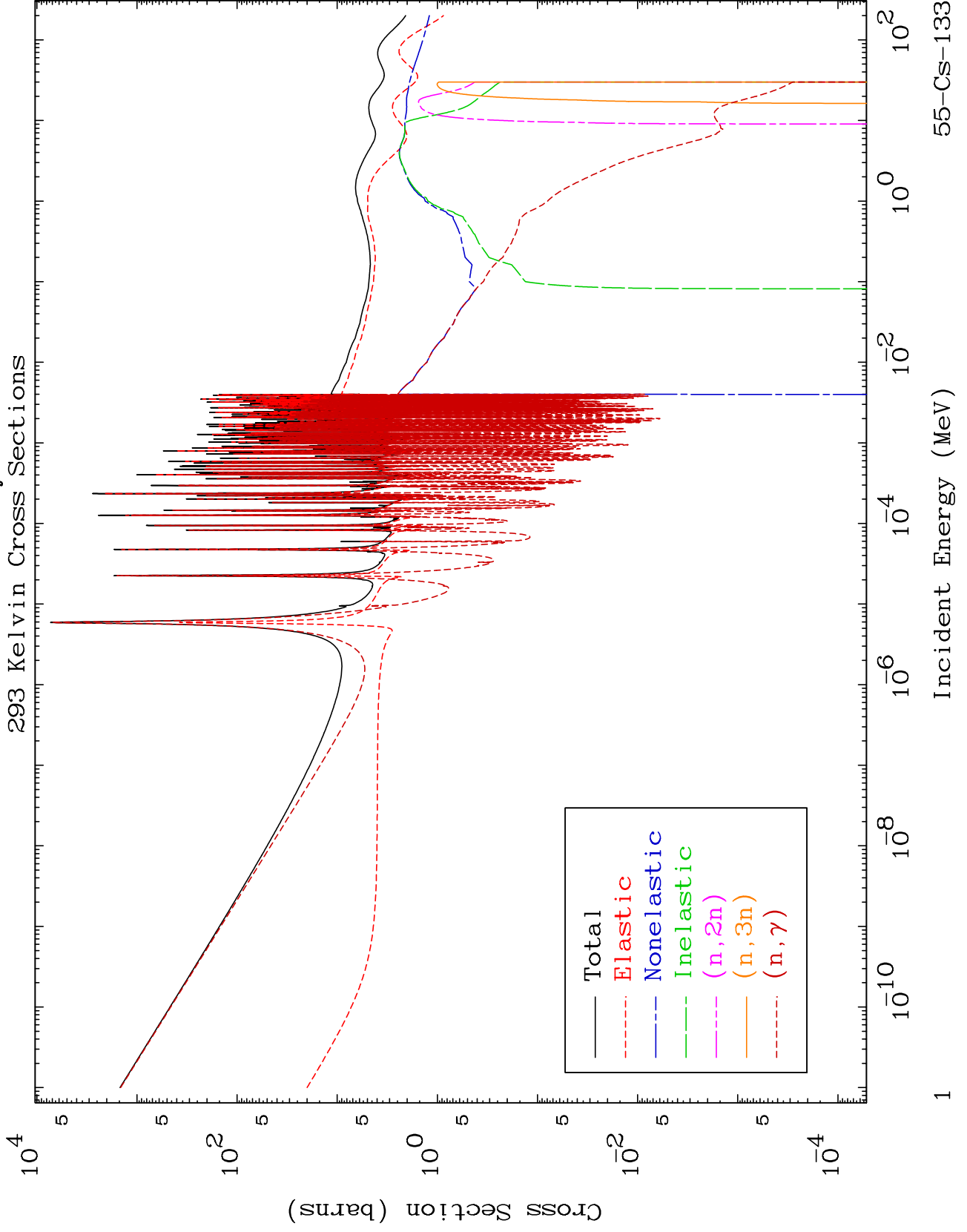
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Press Mouse Button to Start

MAT 5525

Neutron Major
293 Kelvin Cross Sections

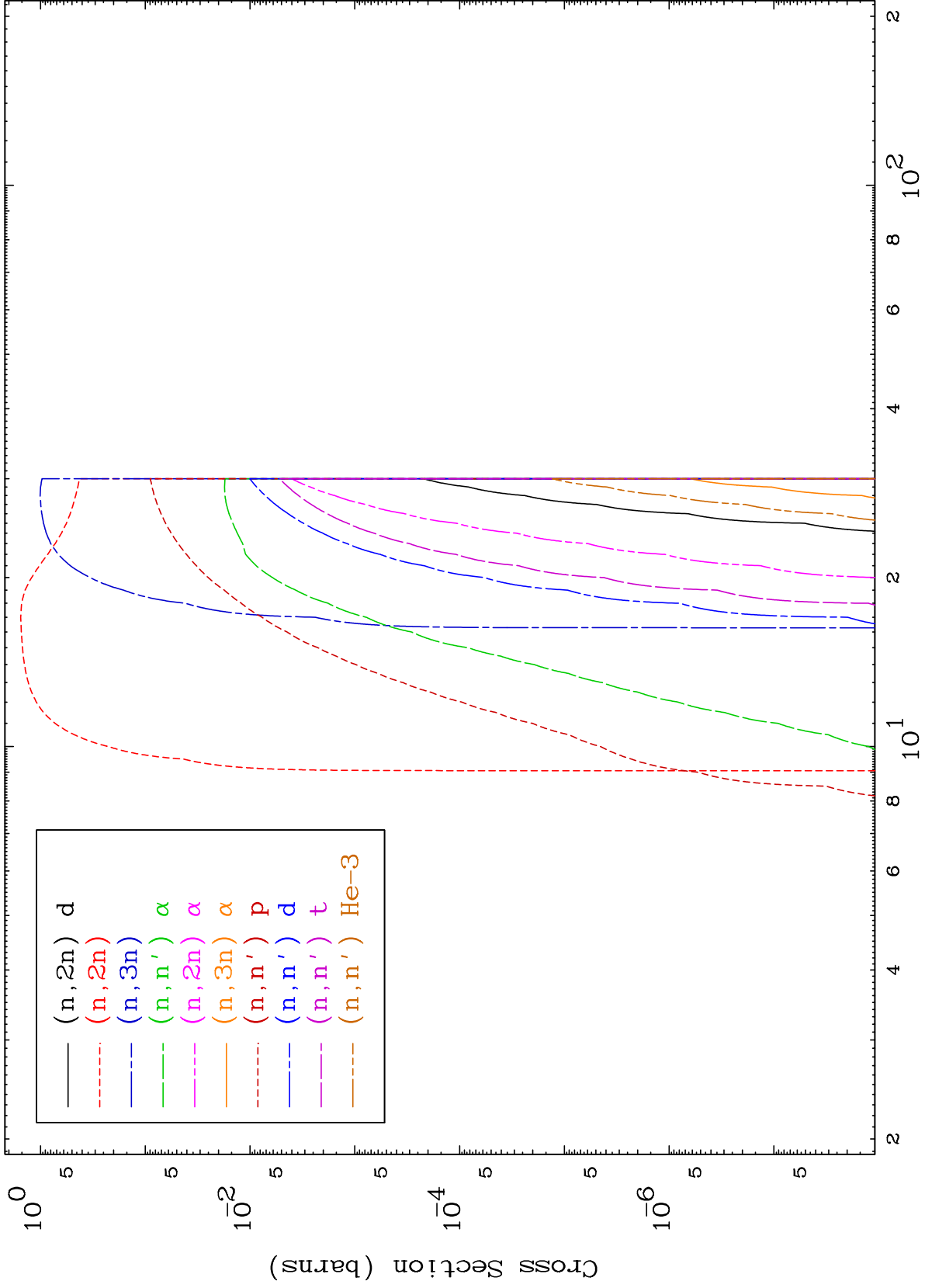
55-Cs-133



MAT 5525

Neutron Absorption
293 Kelvin Cross Sections

55-Cs-133



2

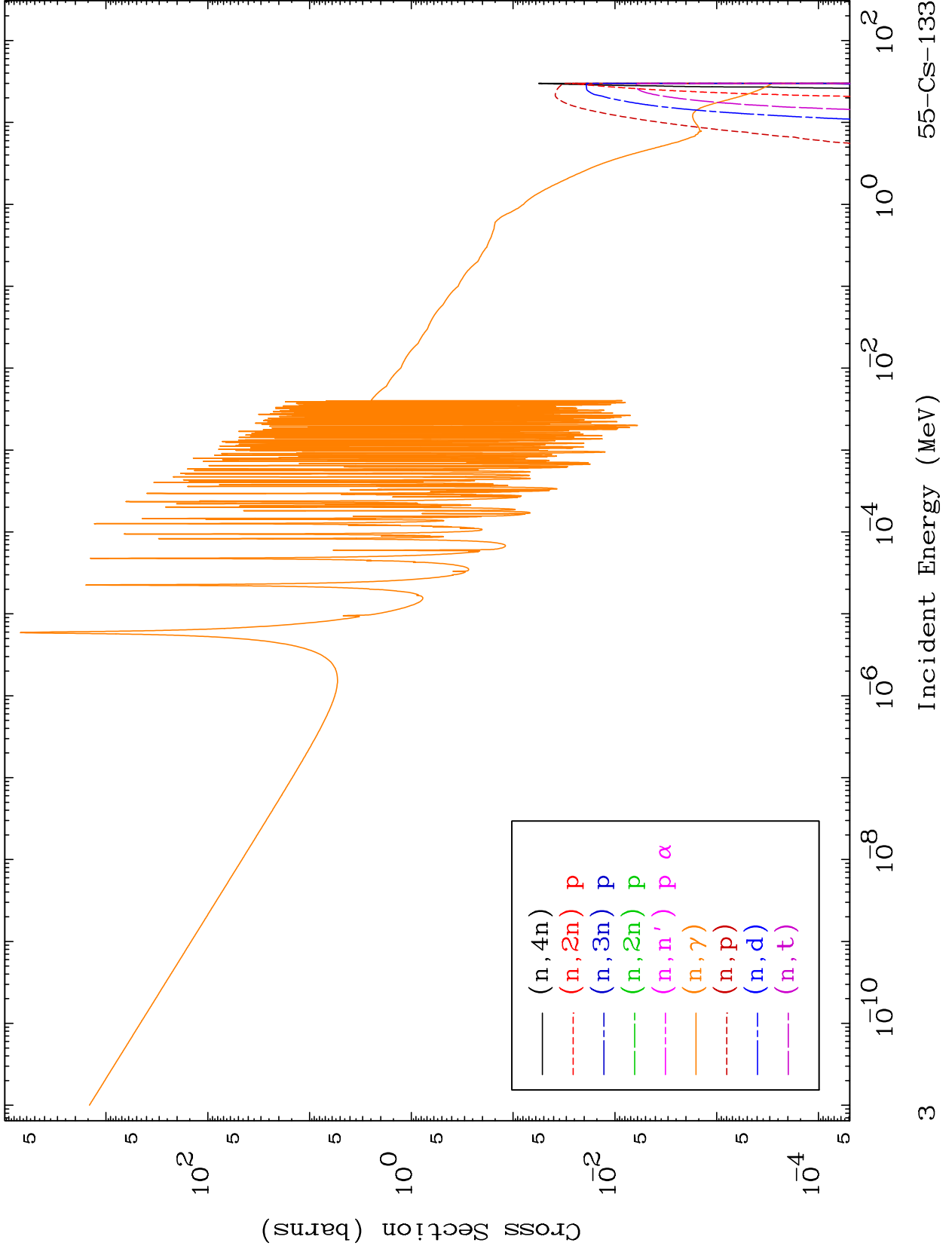
Incident Energy (MeV)

55-Cs-133

MAT 5525

Neutron Absorption
293 Kelvin Cross Sections

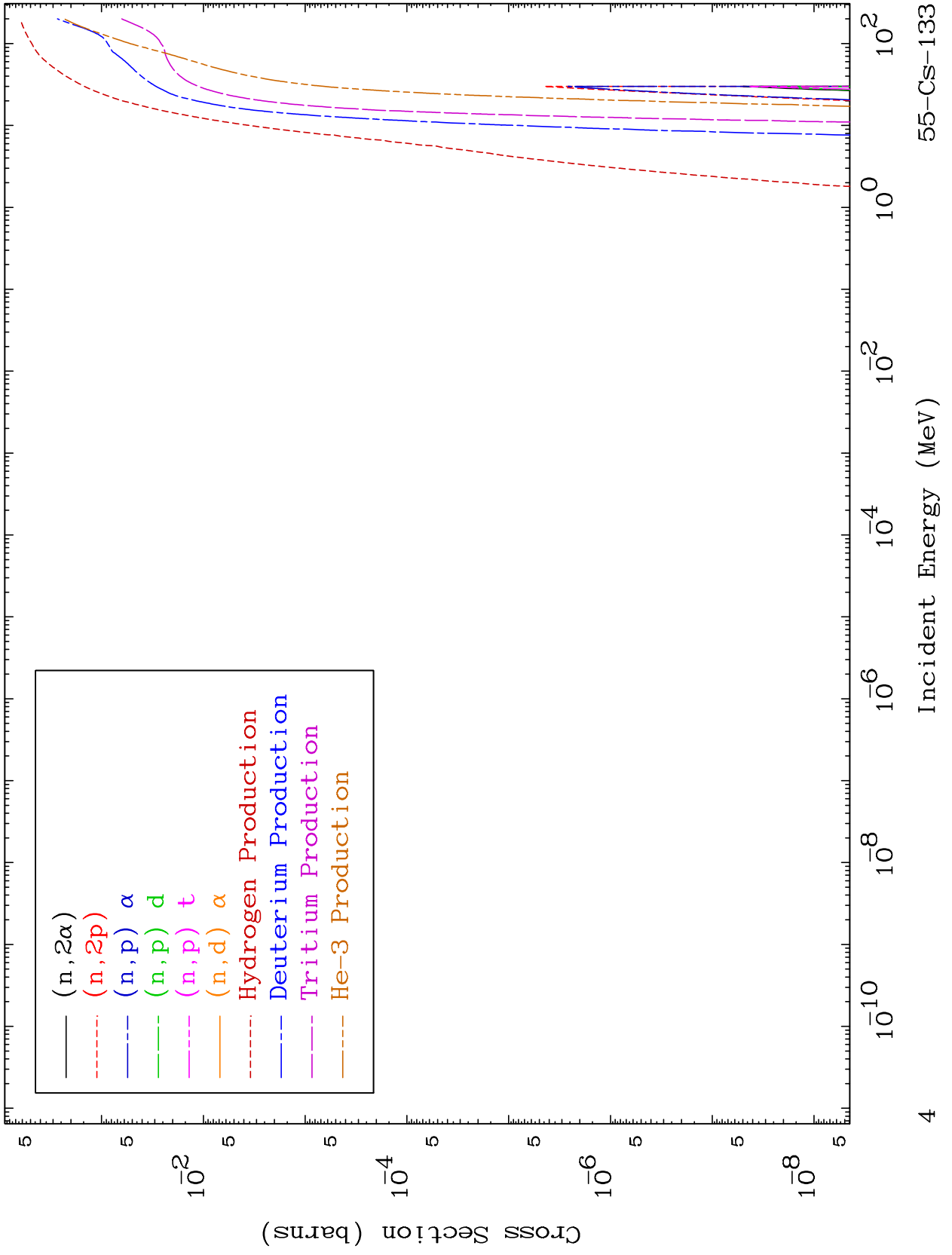
55-Cs-133



MAT 5525

Neutron Absorption
293 Kelvin Cross Sections

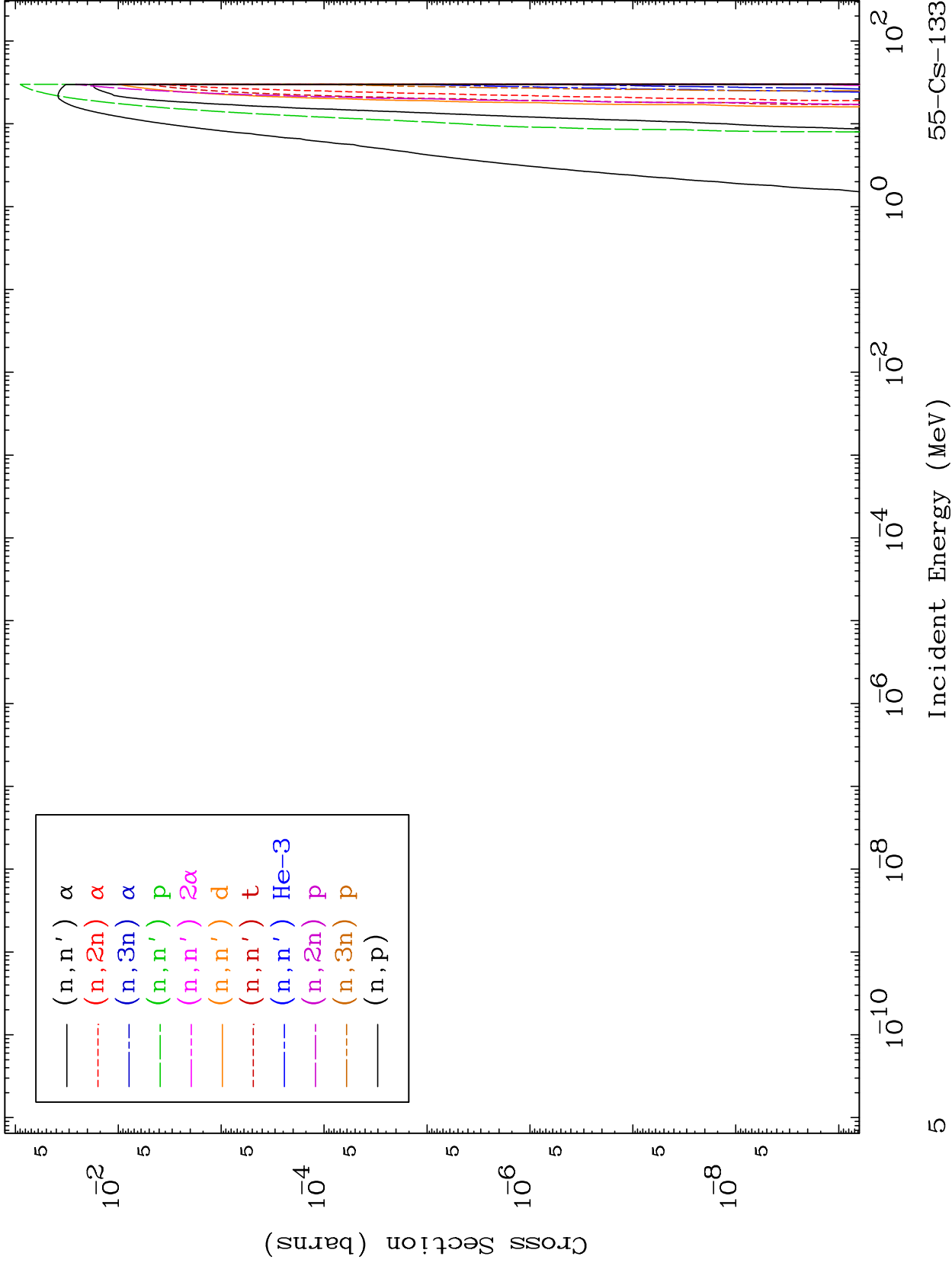
55-Cs-133



MAT 5525

Charged Particle
293 Kelvin Cross Sections

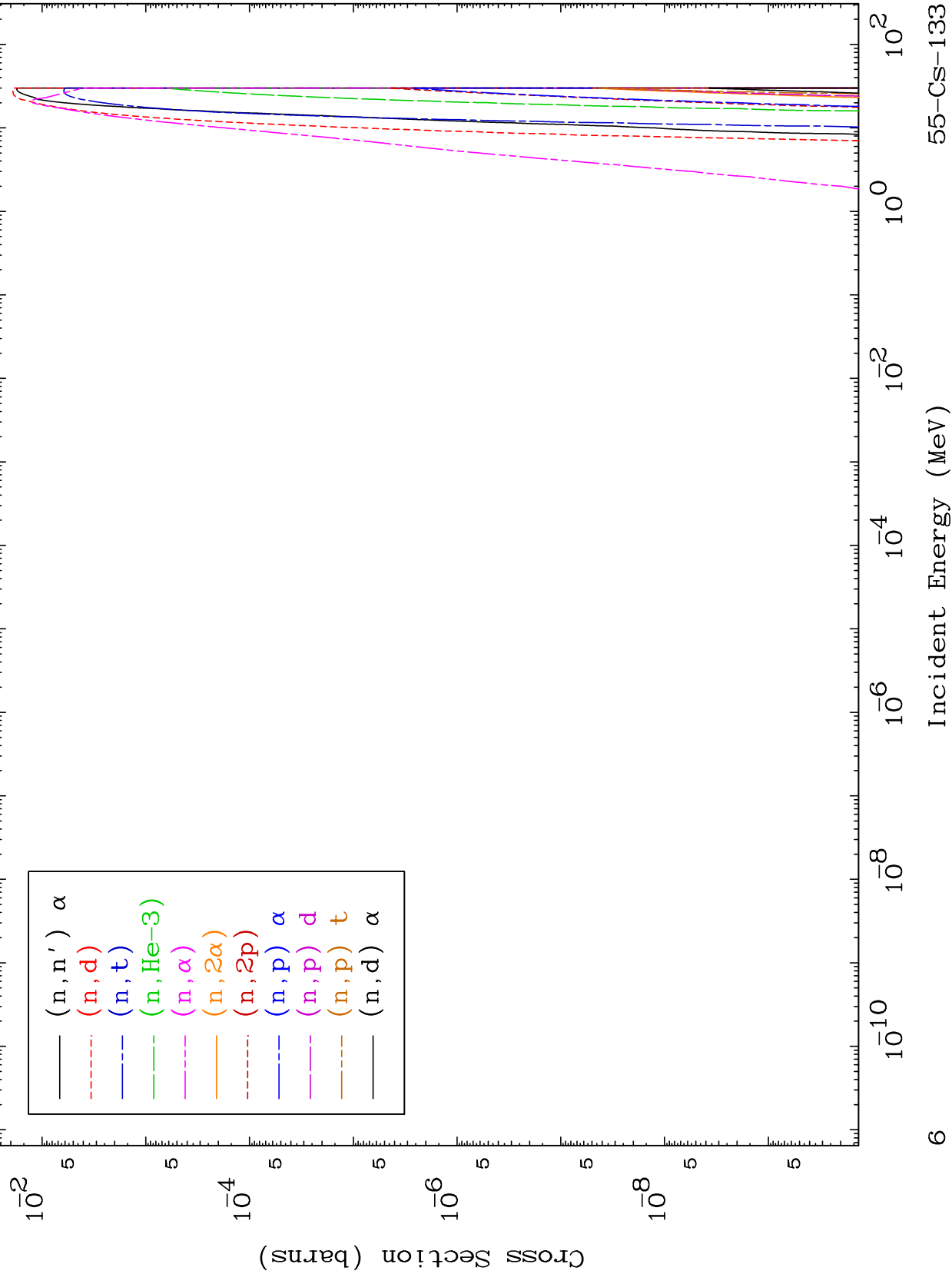
55-Cs-133



MAT 5525

Charged Particle
293 Kelvin Cross Sections

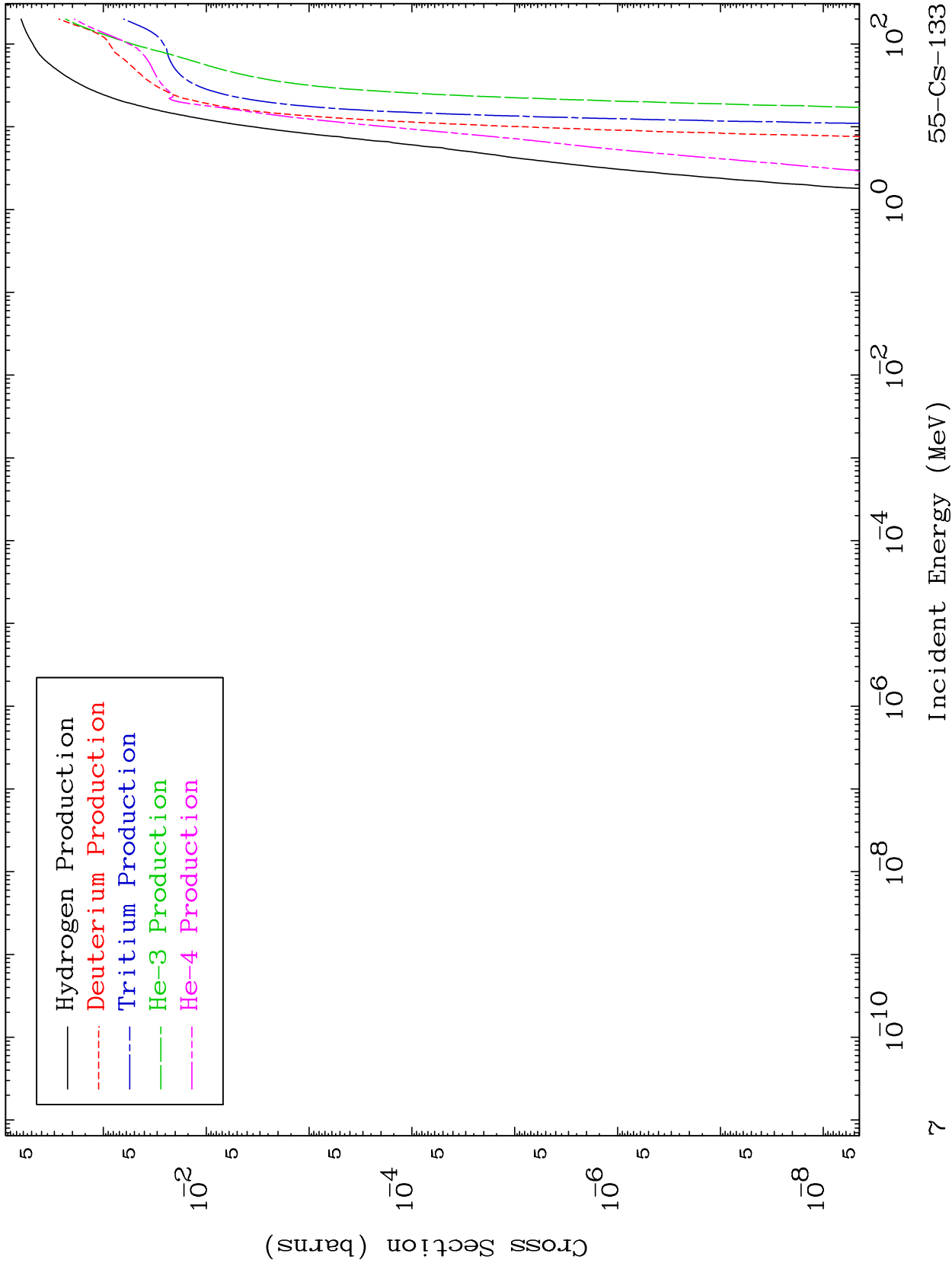
55-Cs-133



MAT 5525

Particle Production
293 Kelvin Cross Sections

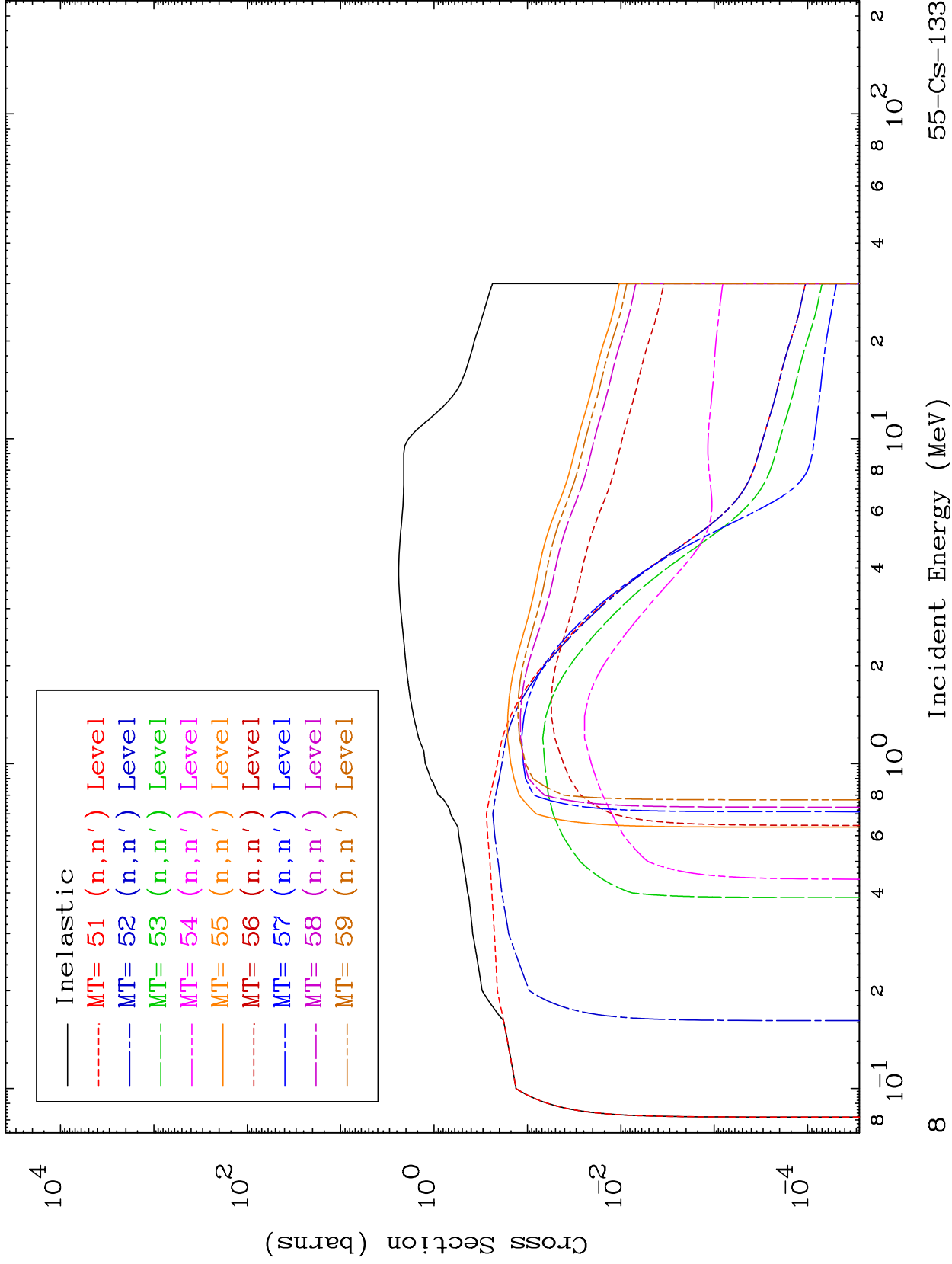
55-Cs-133



MAT 5525

(n,n') Levels
293 Kelvin Cross Sections

55-Cs-133



8

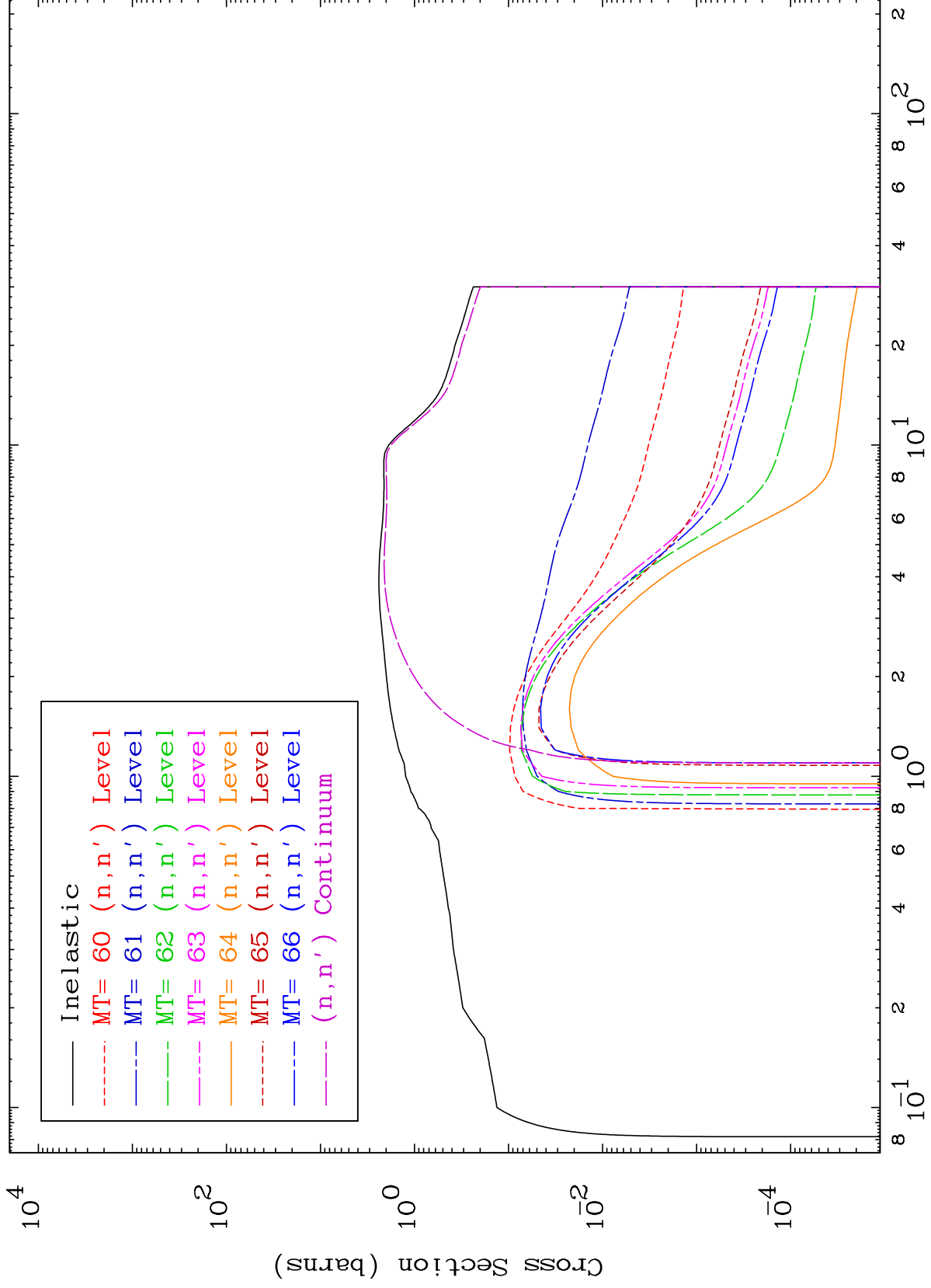
Incident Energy (MeV)

55-Cs-133

MAT 5525

(n,n') Levels
293 Kelvin Cross Sections

55-Cs-133



Incident Energy (MeV)

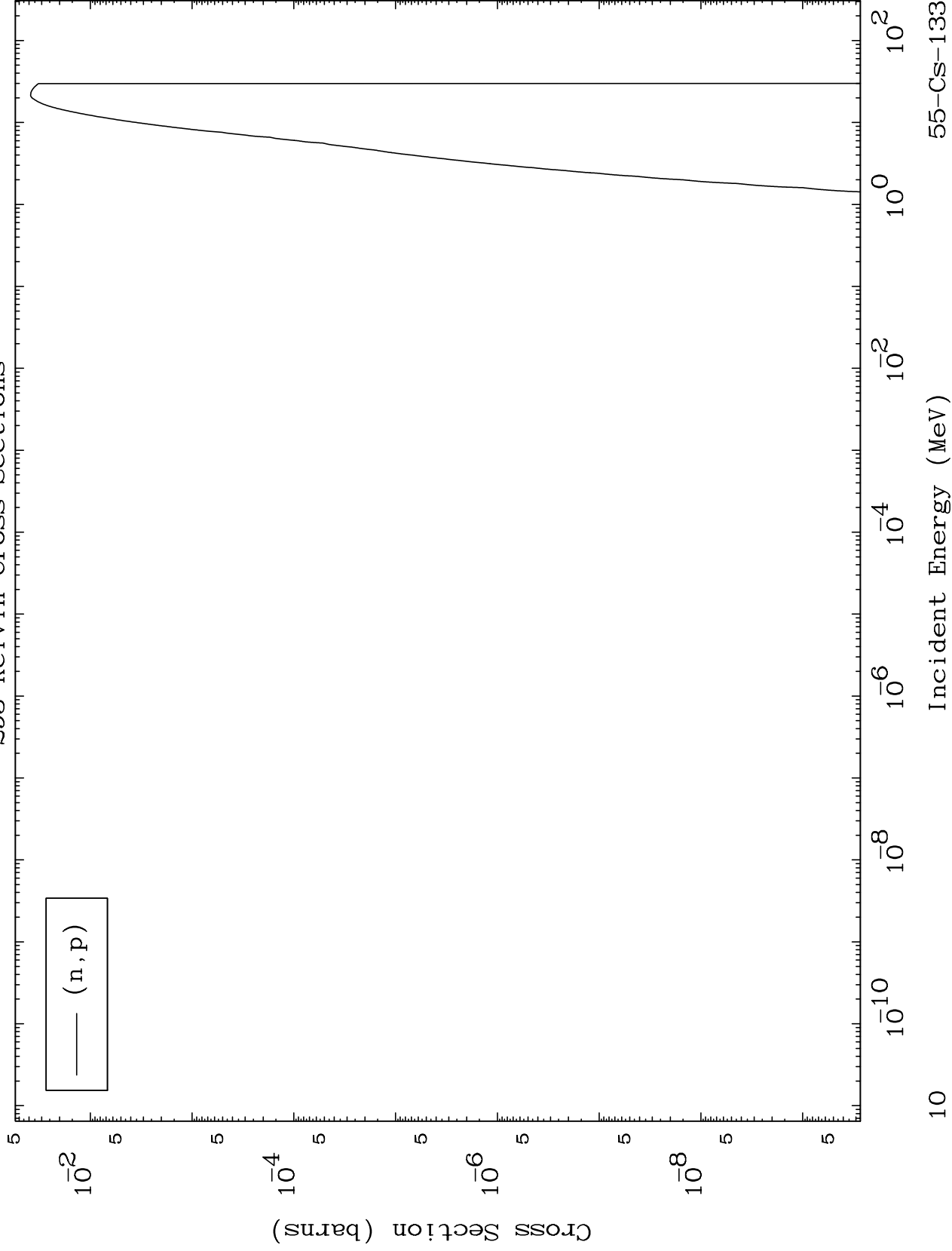
55-Cs-133

9

MAT 5525

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-133



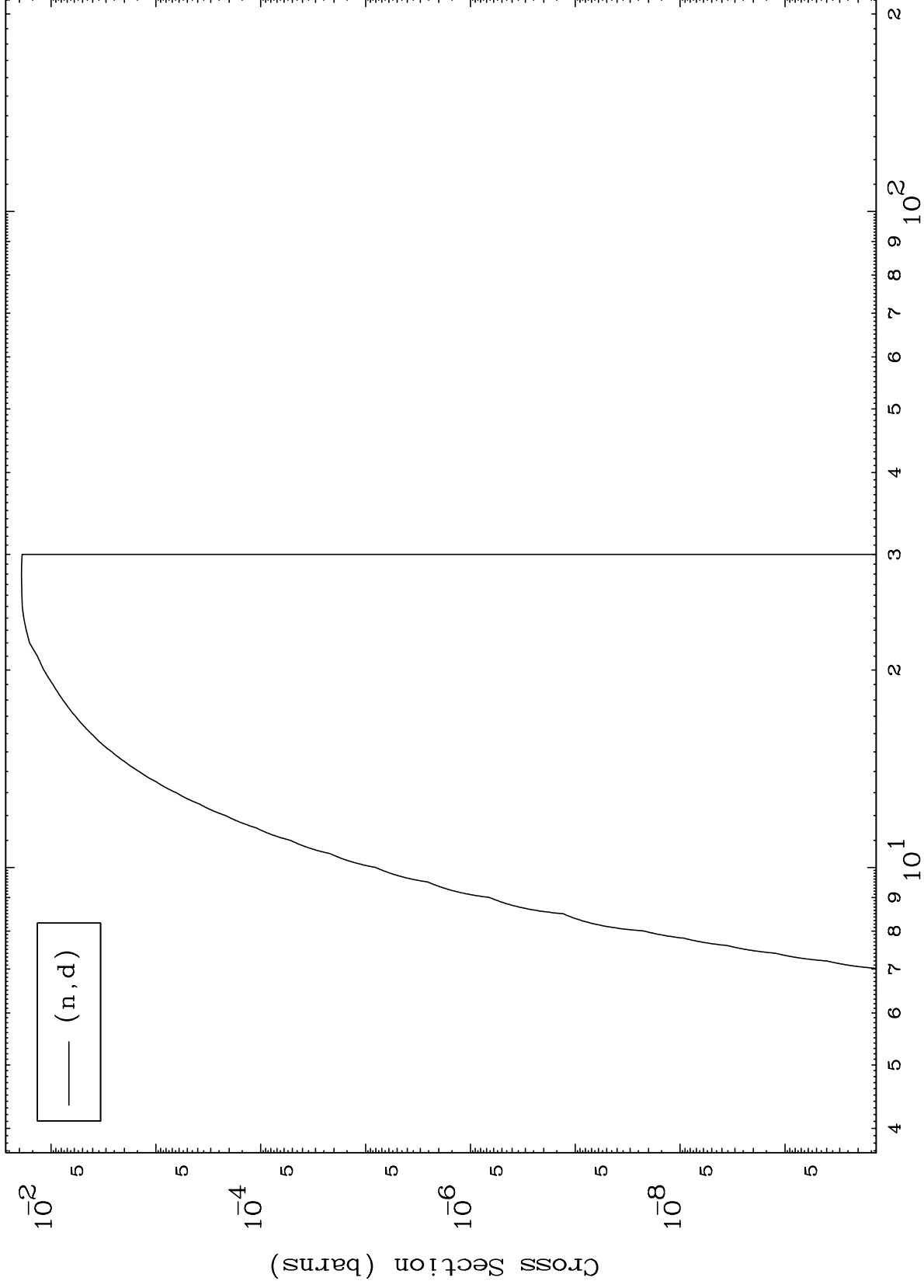
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55-Cs-133

MAT 5525

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-133



11

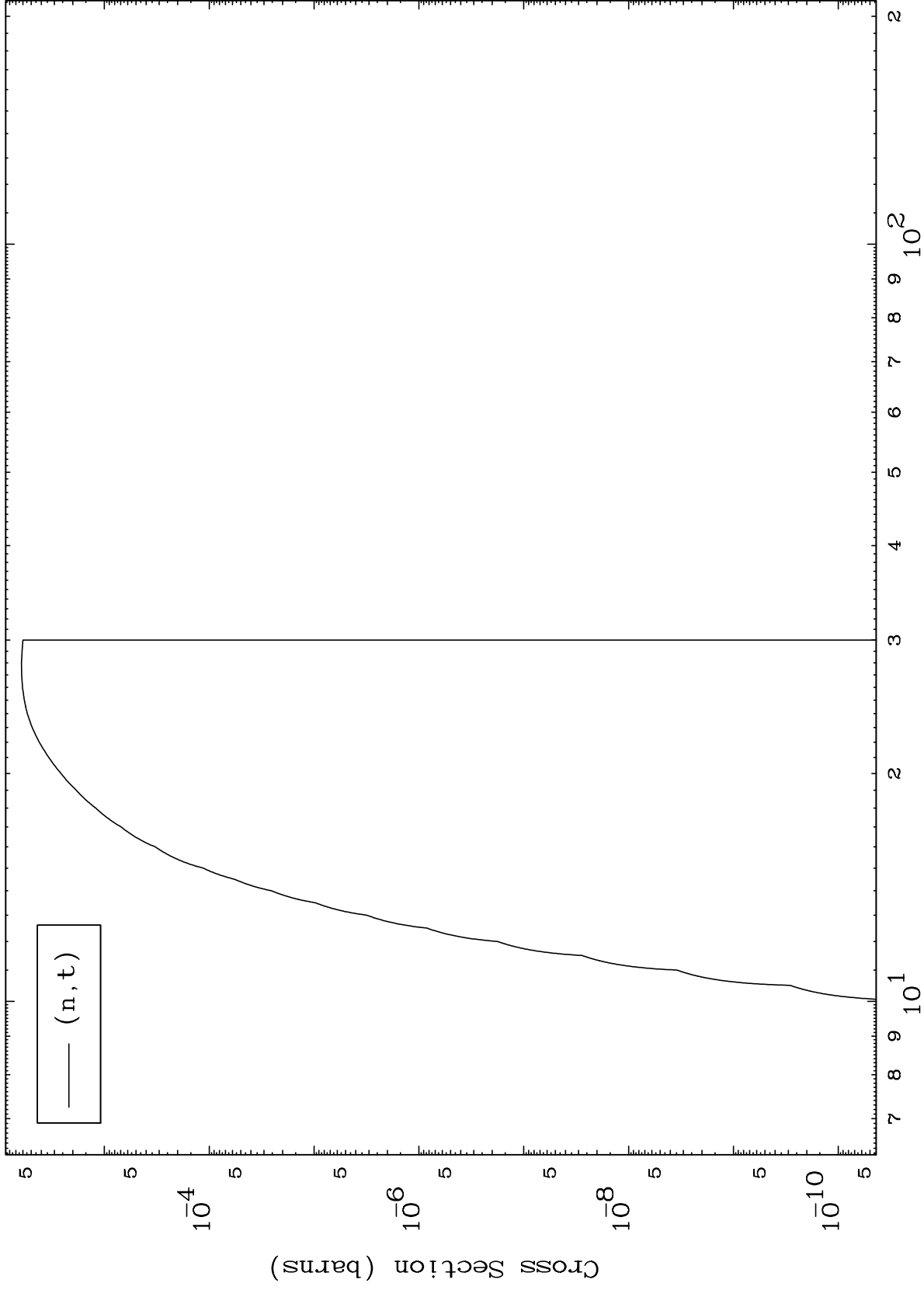
Incident Energy (MeV)

55-Cs-133

MAT 5525

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-133



12

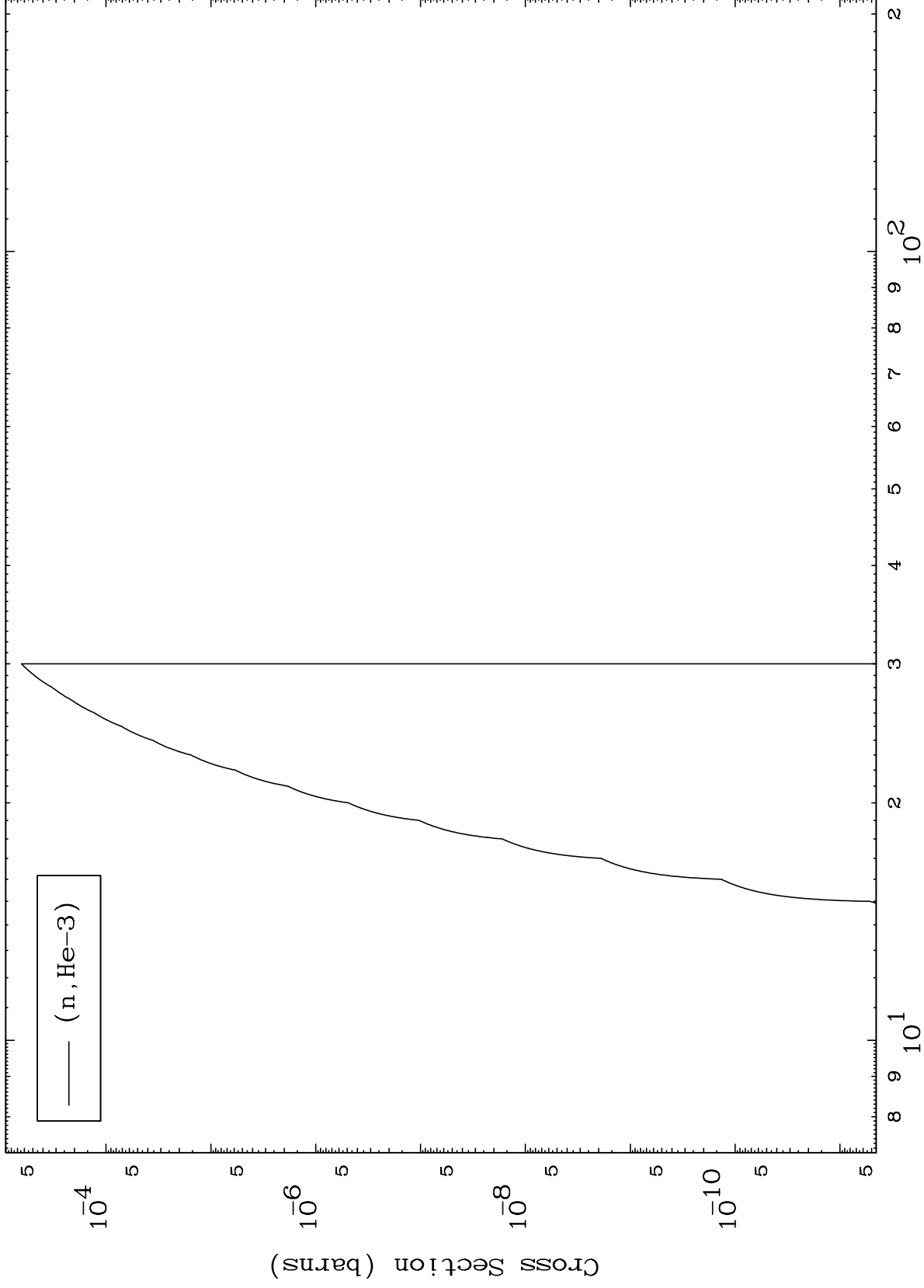
Incident Energy (MeV)

55-Cs-133

MAT 5525

(n,He3) Levels
293 Kelvin Cross Sections

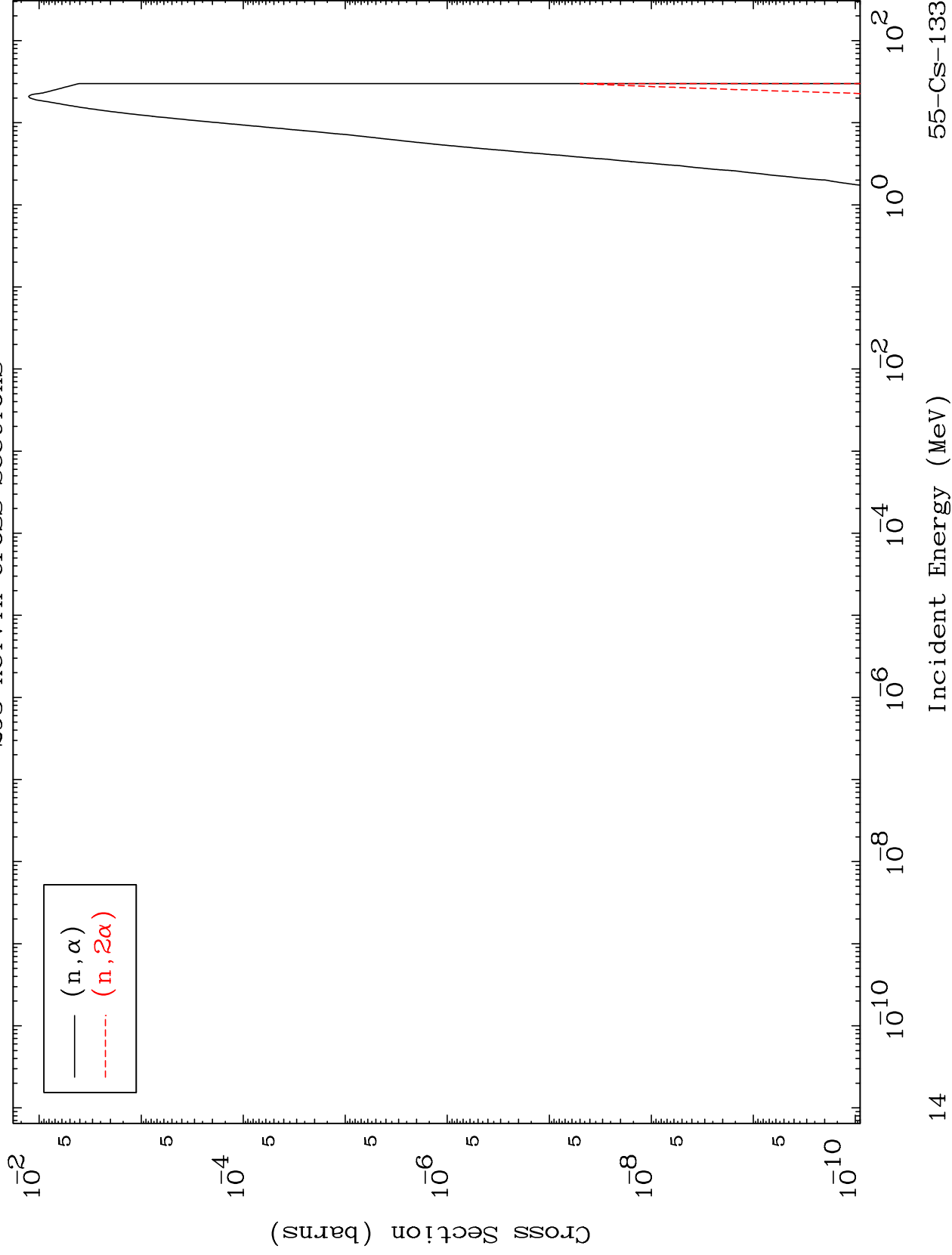
55-Cs-133



MAT 5525

(n, α) Levels
293 Kelvin Cross Sections

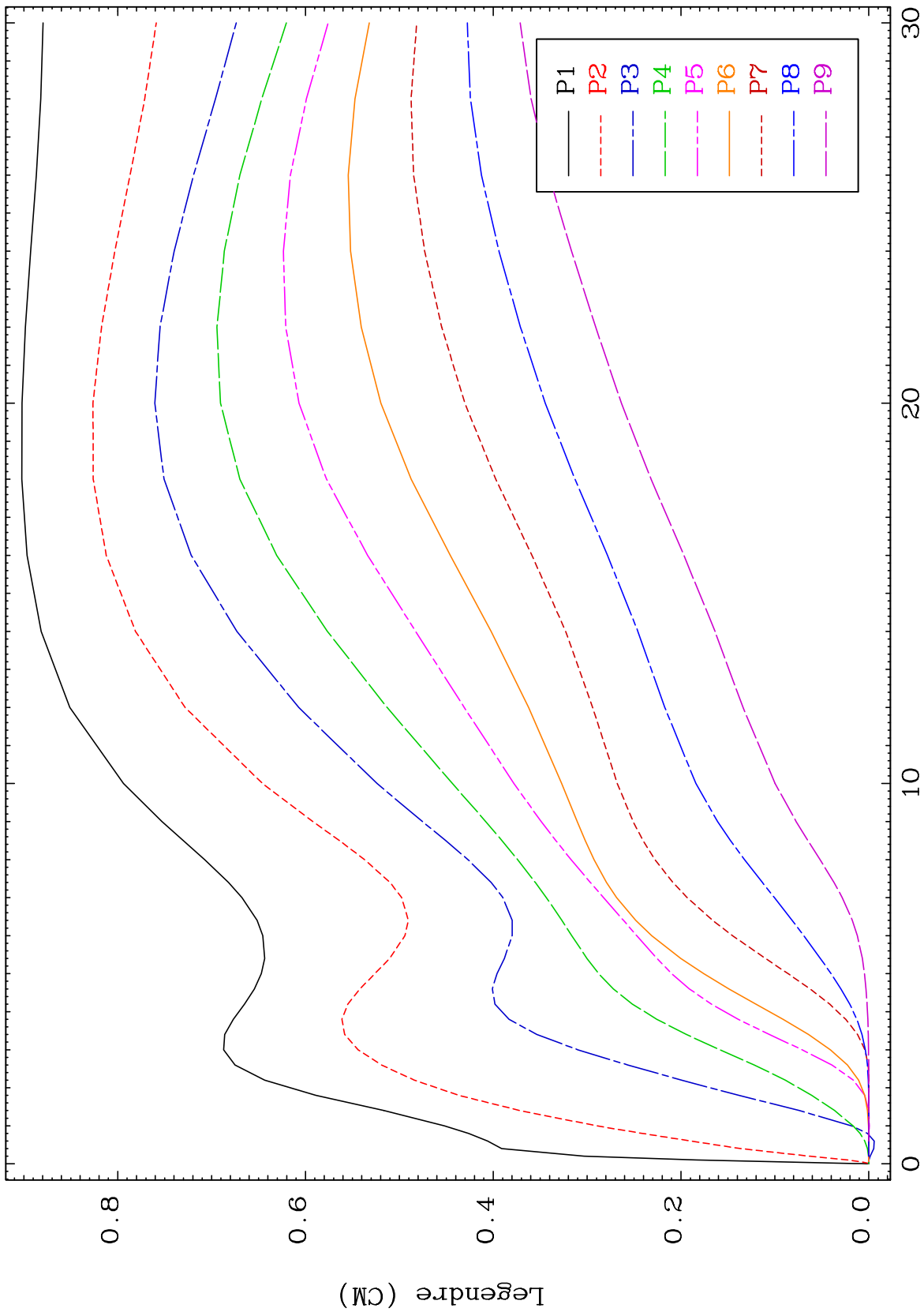
55-Cs-133



MAT 5525

Elastic Legendre Coefficients

55-Cs-133



15

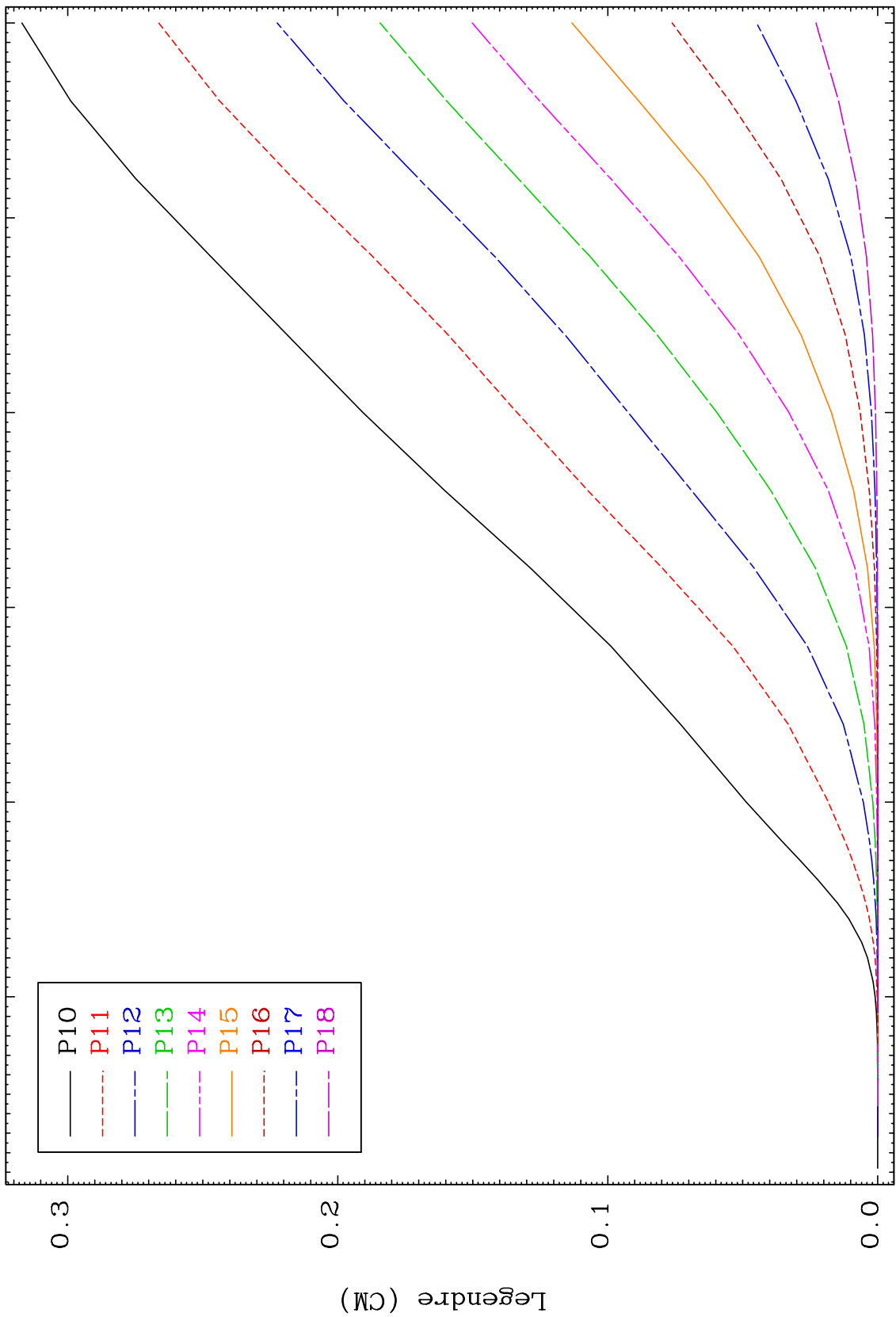
Incident Energy (MeV)

55-Cs-133

MAT 5525

Elastic Legendre Coefficients

55-Cs-133



16

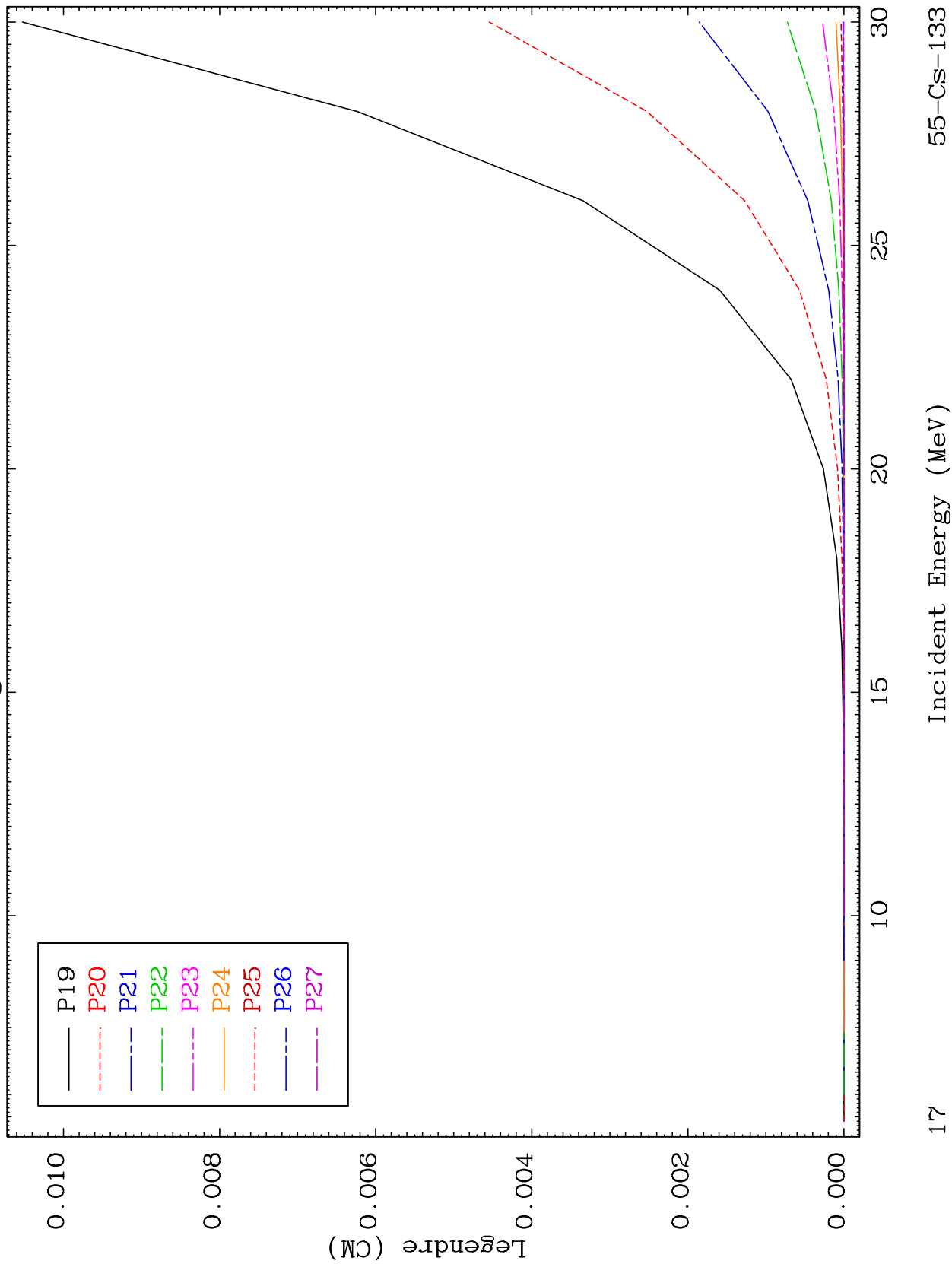
Incident Energy (MeV)

55-Cs-133

MAT 5525

Elastic Legendre Coefficients

55-Cs-133



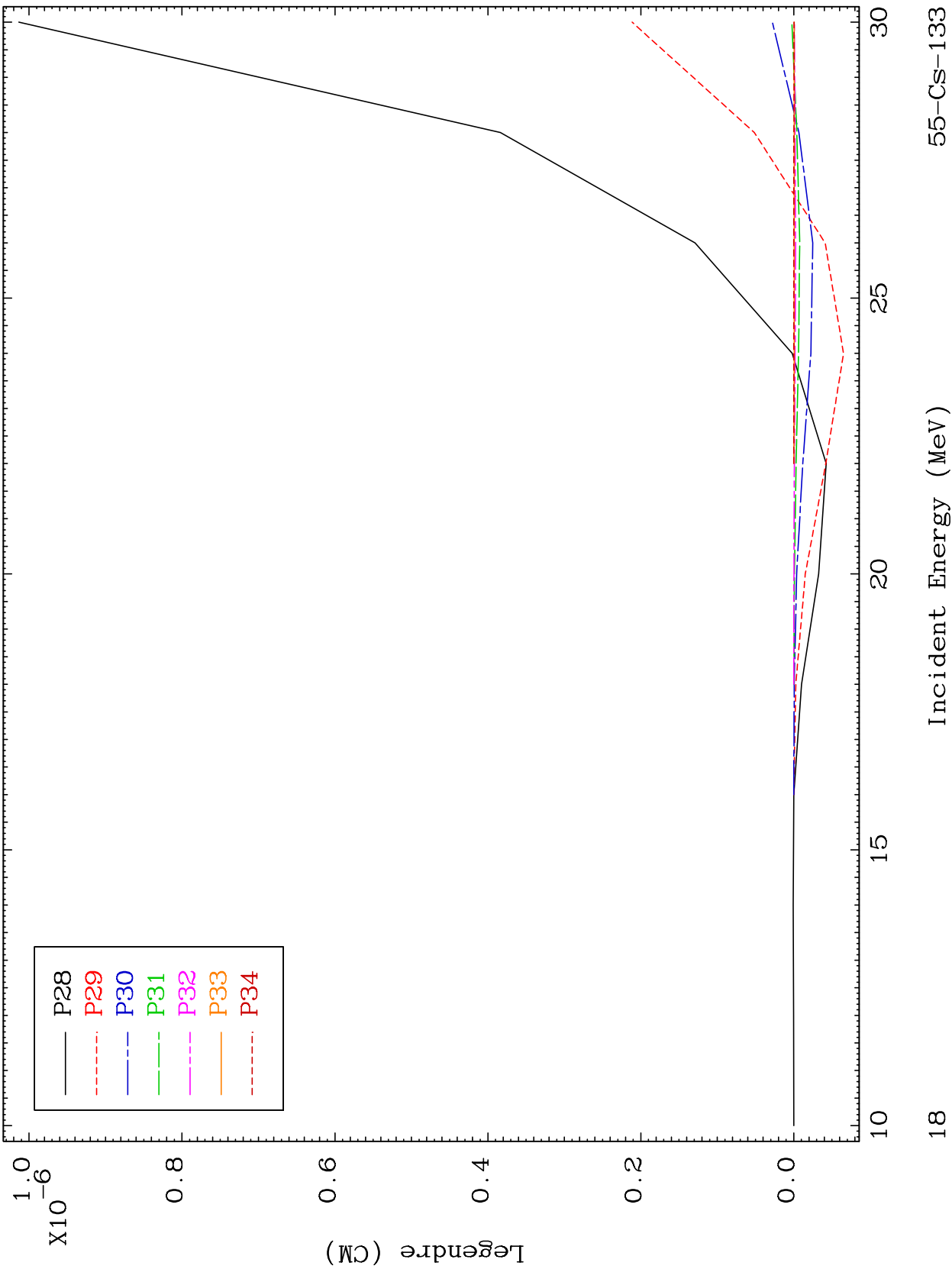
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55-Cs-133

MAT 5525

Elastic Legendre Coefficients

55-Cs-133



18

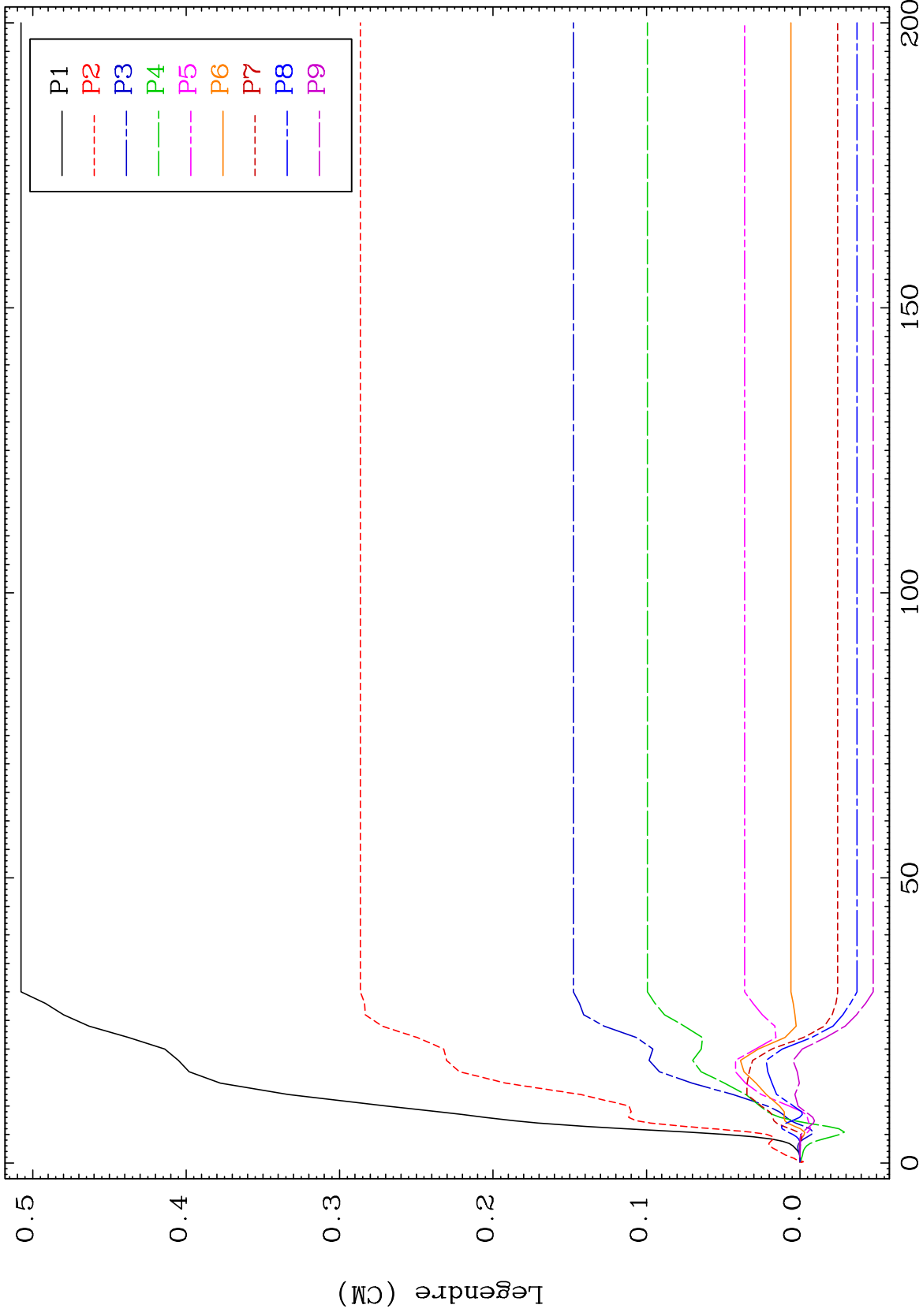
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



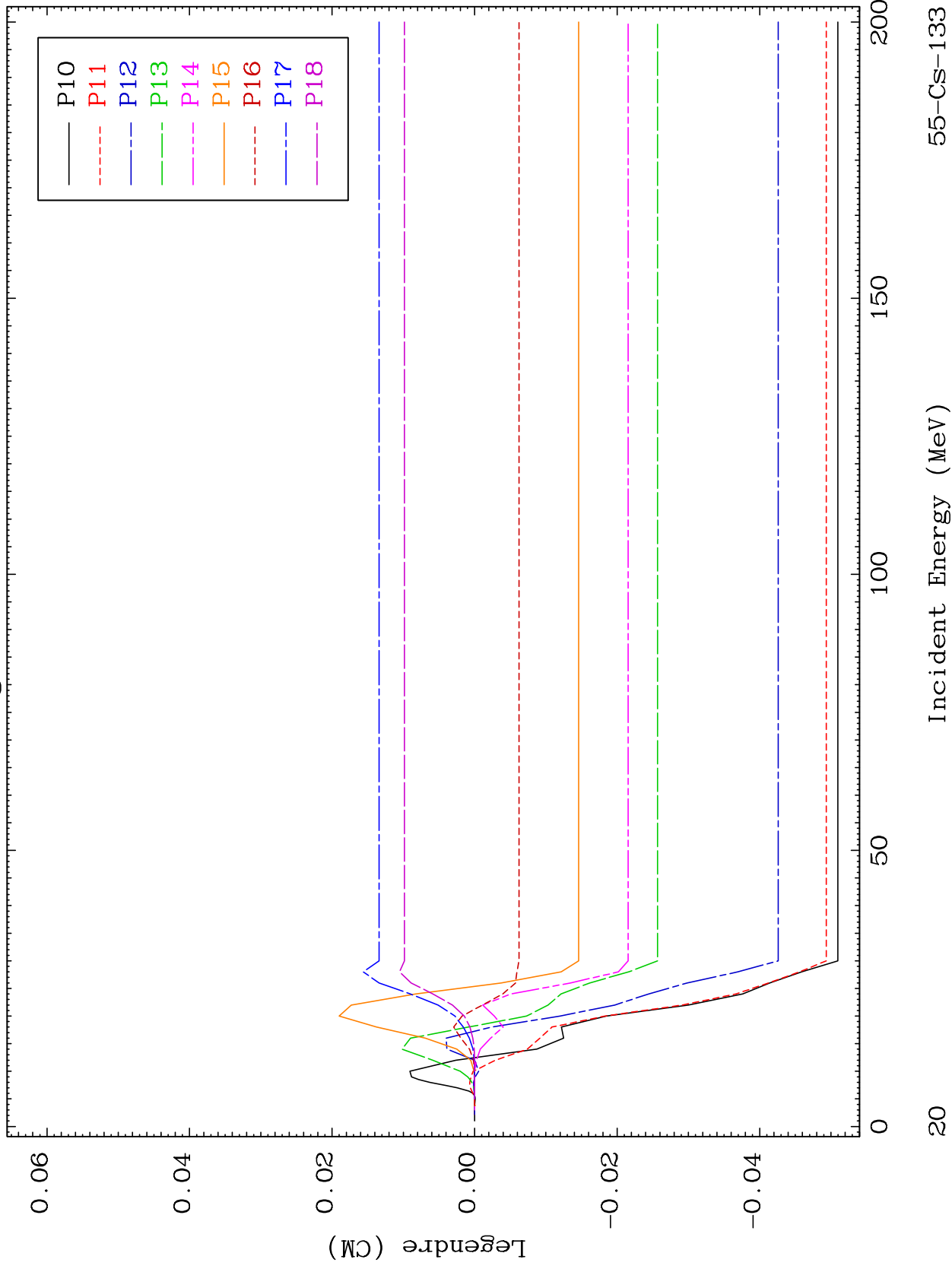
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55-Cs-133

MAT 5525

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

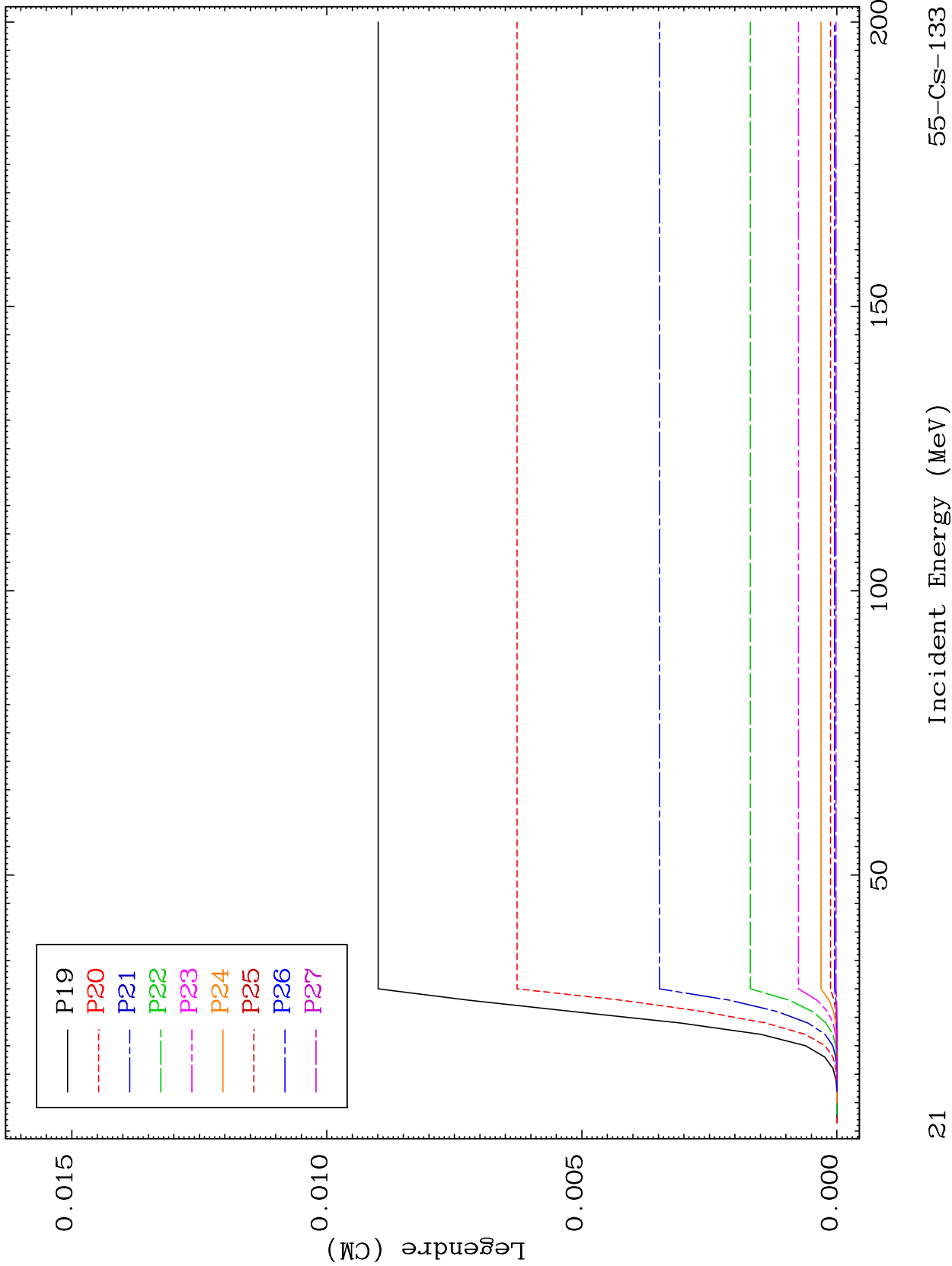
55-Cs-133



55-Cs-133

Incident Energy (MeV)

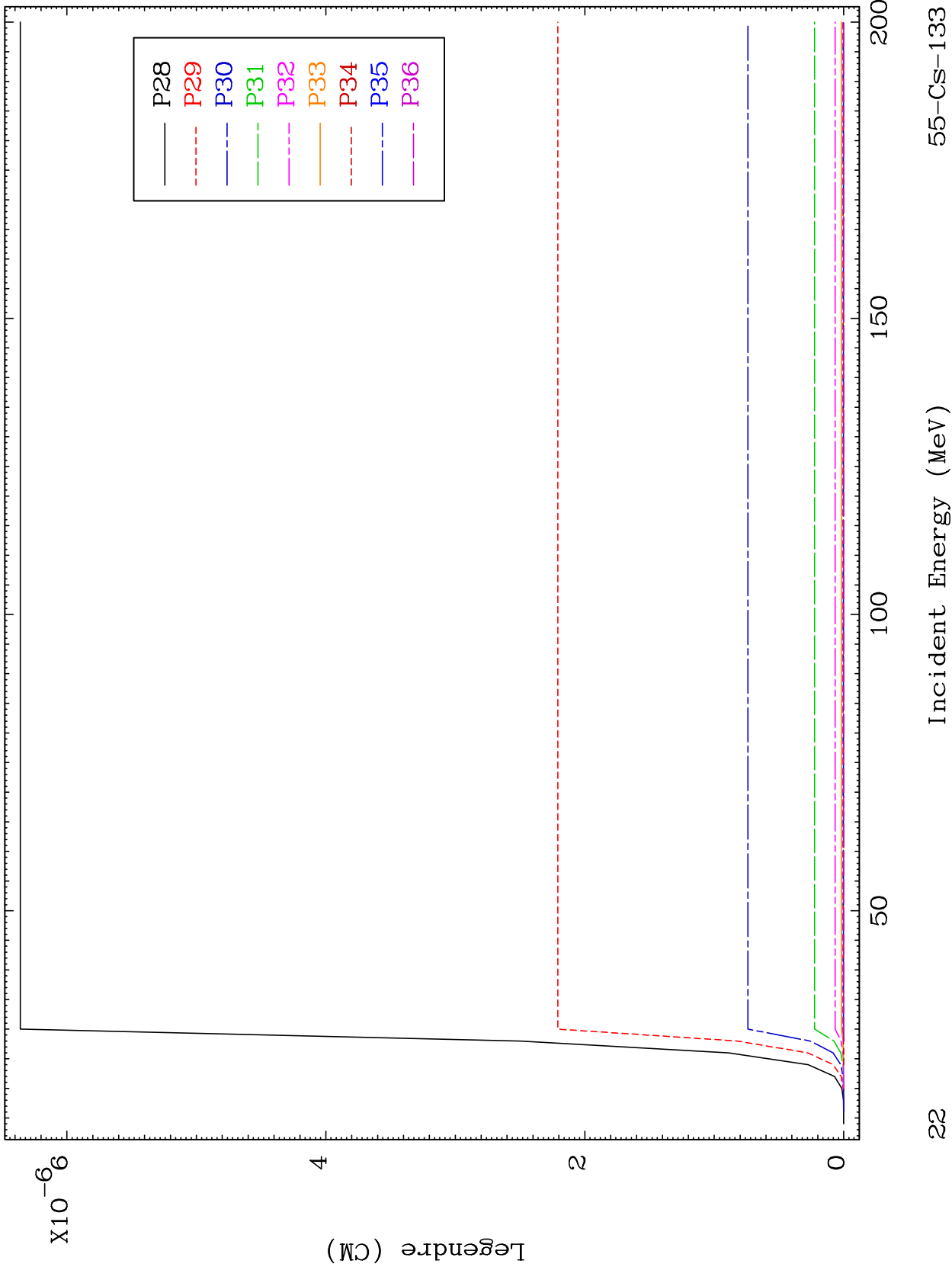
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MAT 5525

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

55-Cs-133



22

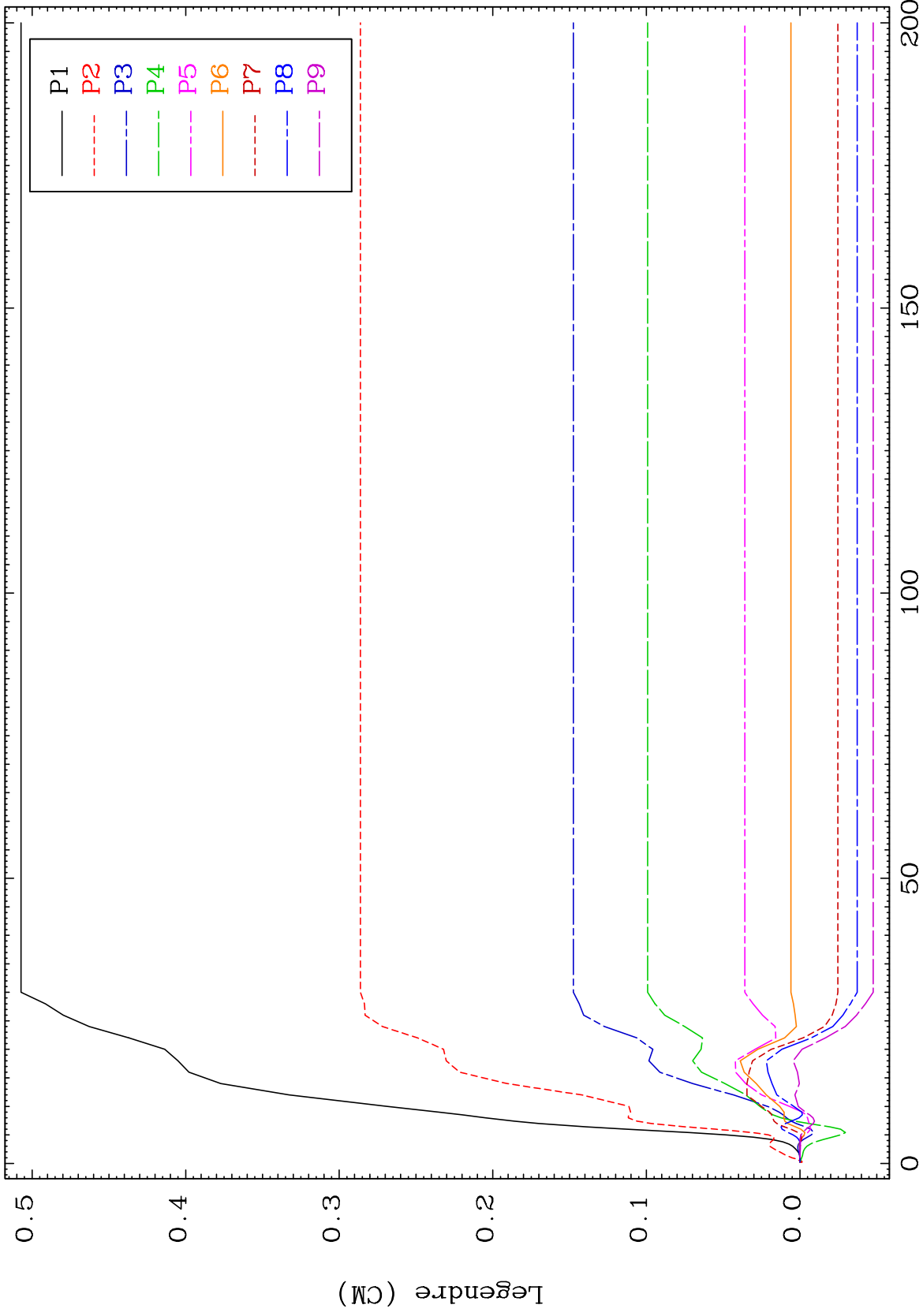
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



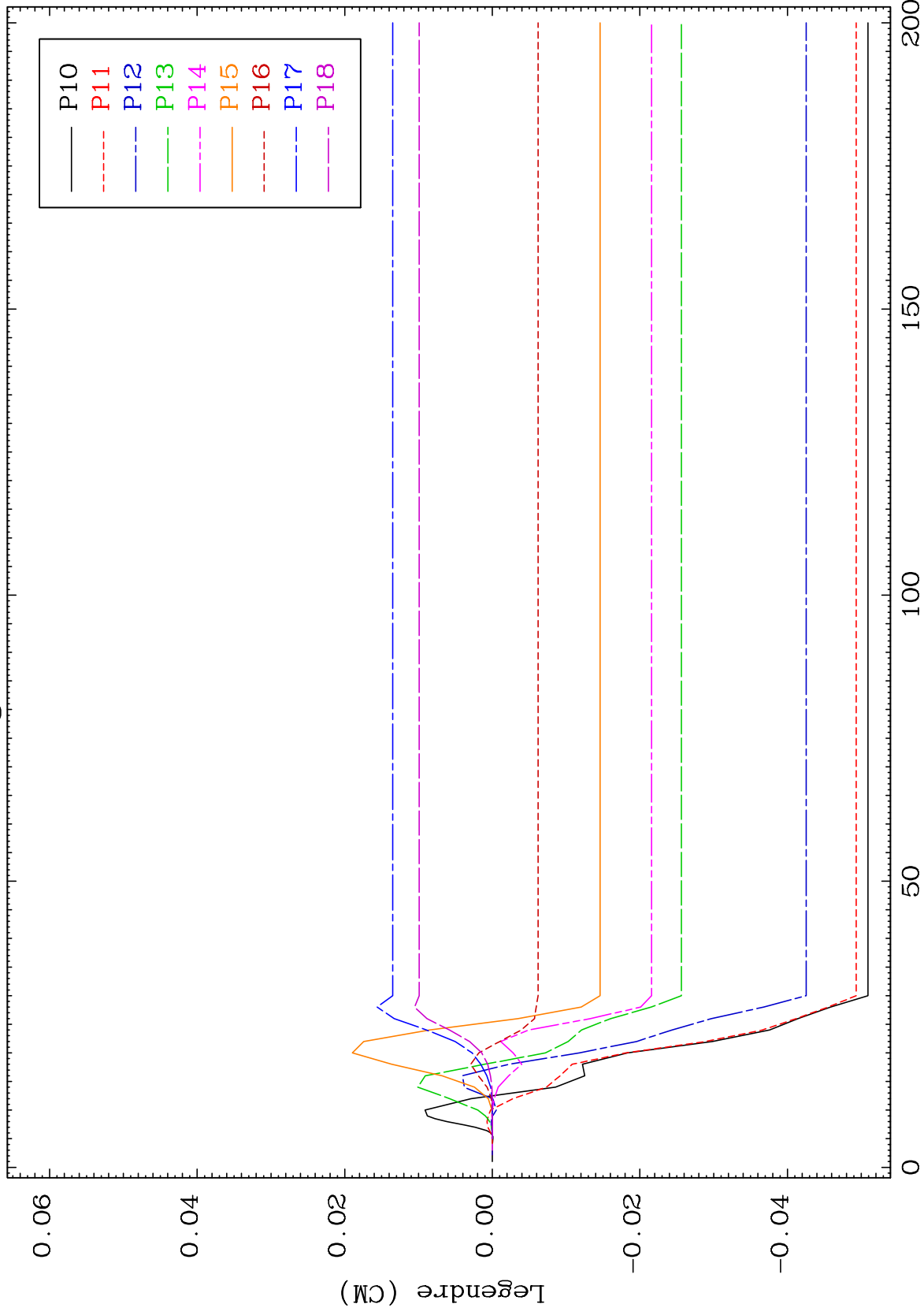
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55-Cs-133

MAT 5525

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

55-Cs-133



24

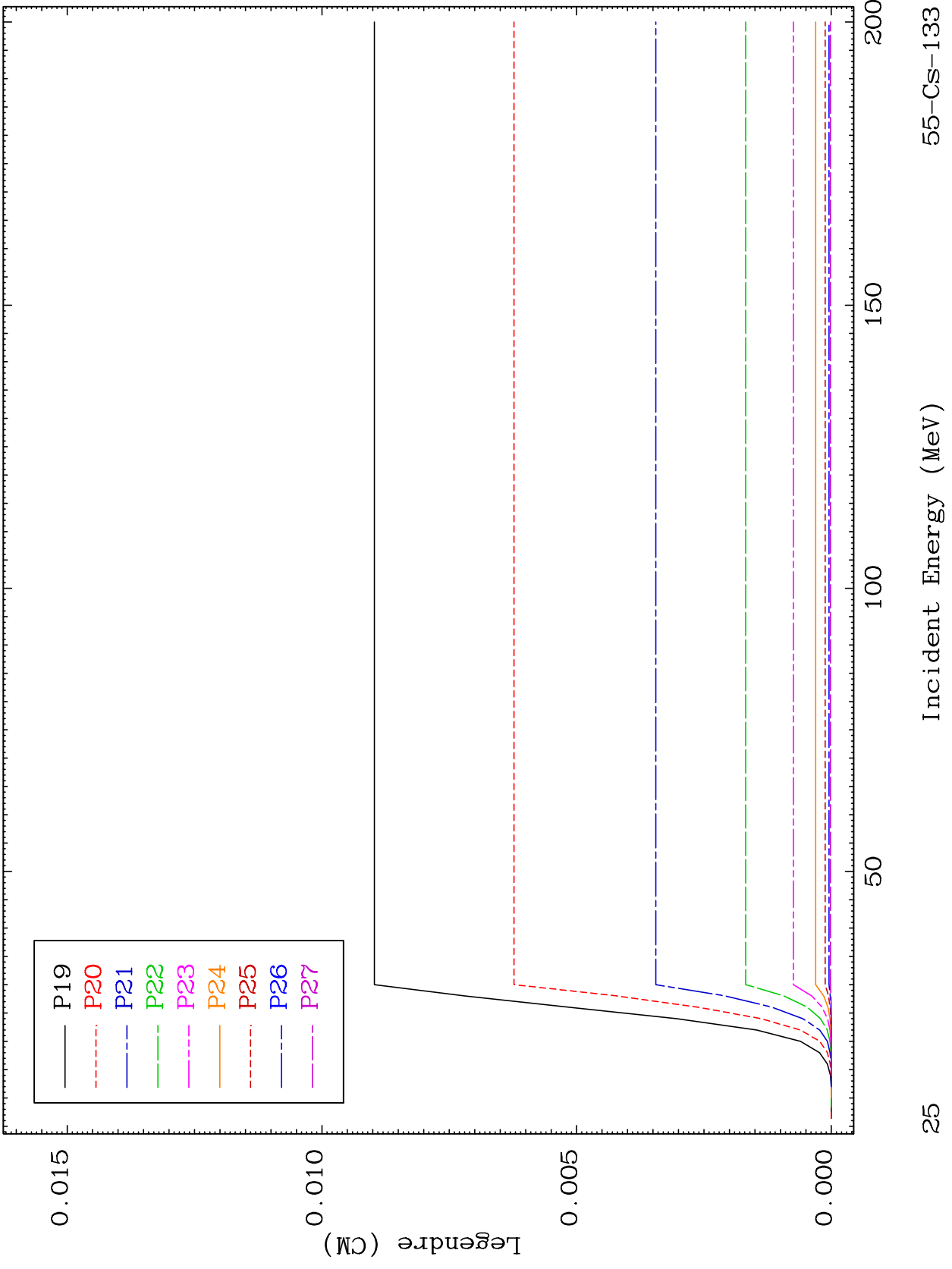
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



55-Cs-133

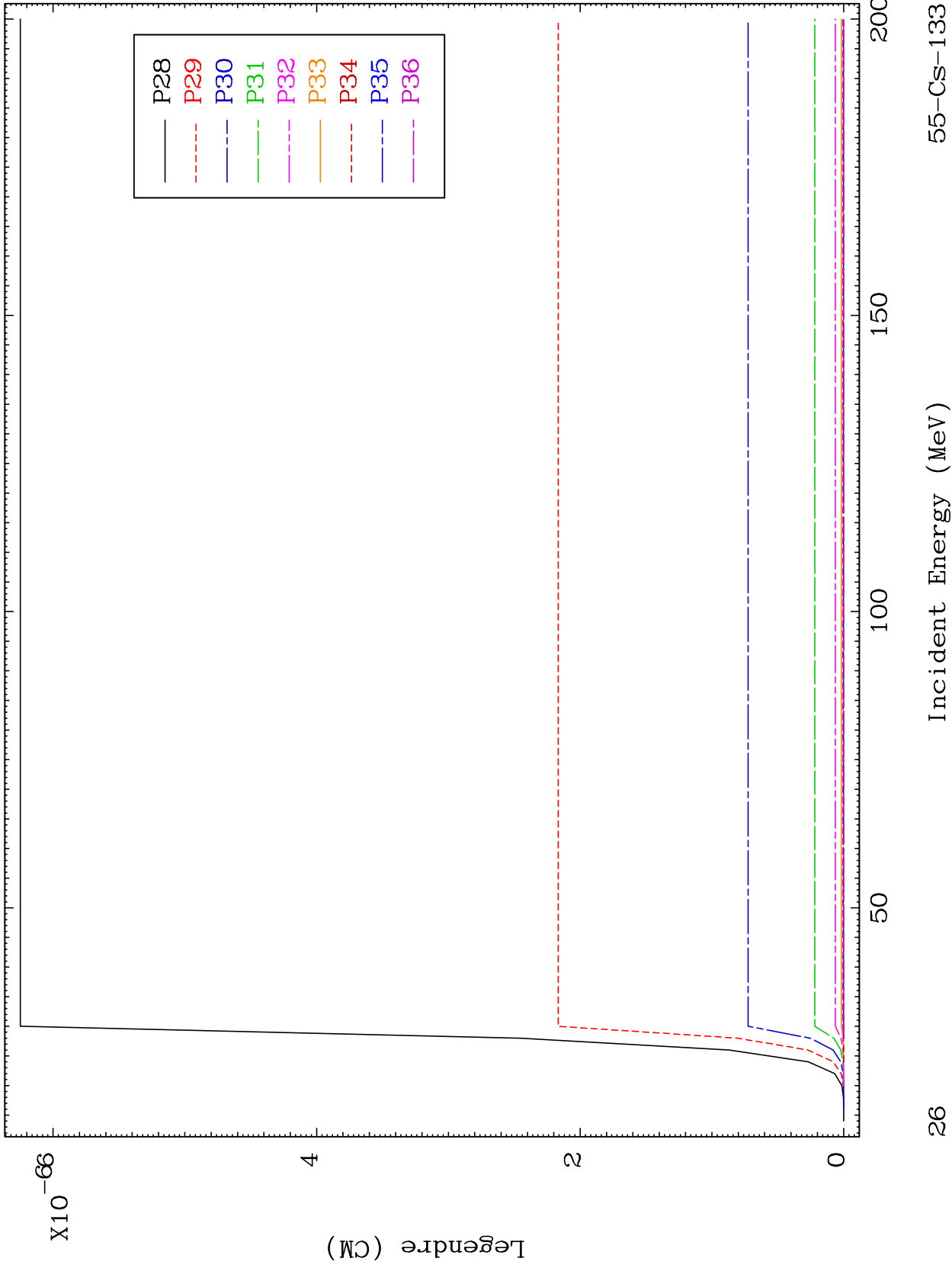
Incident Energy (MeV)

25

MAT 5525

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

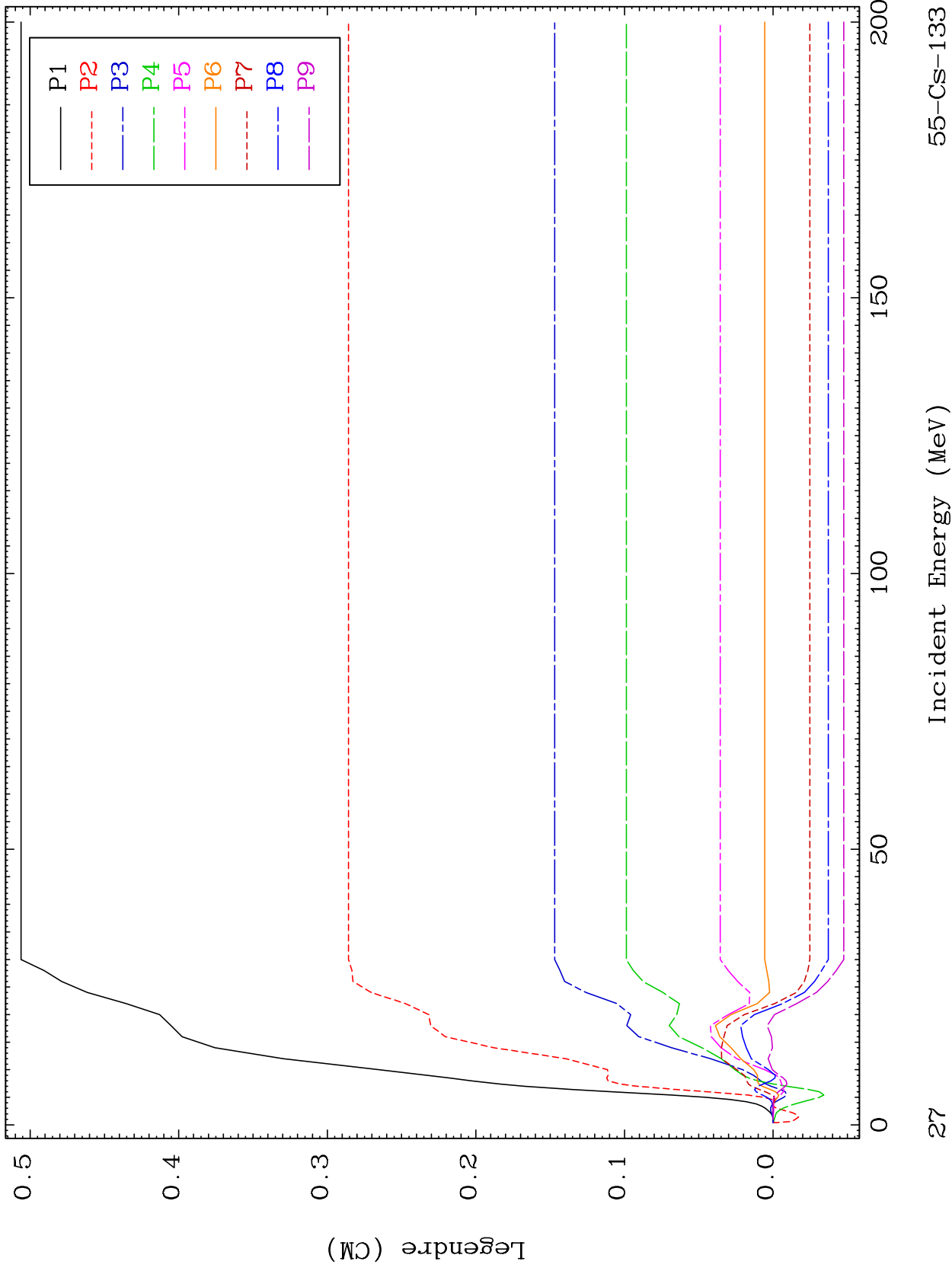
55-Cs-133



MAT 5525

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

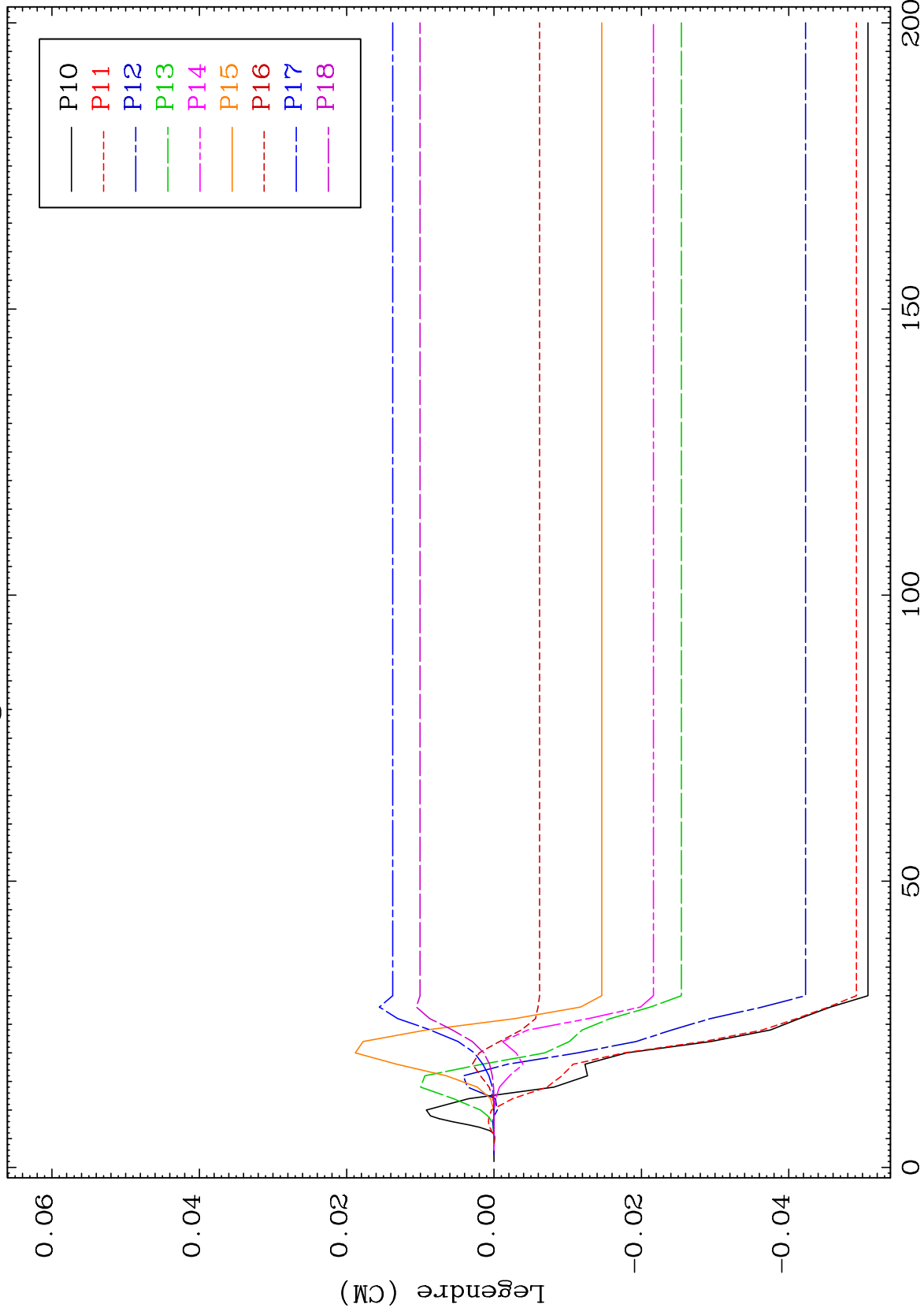
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MAT 5525

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

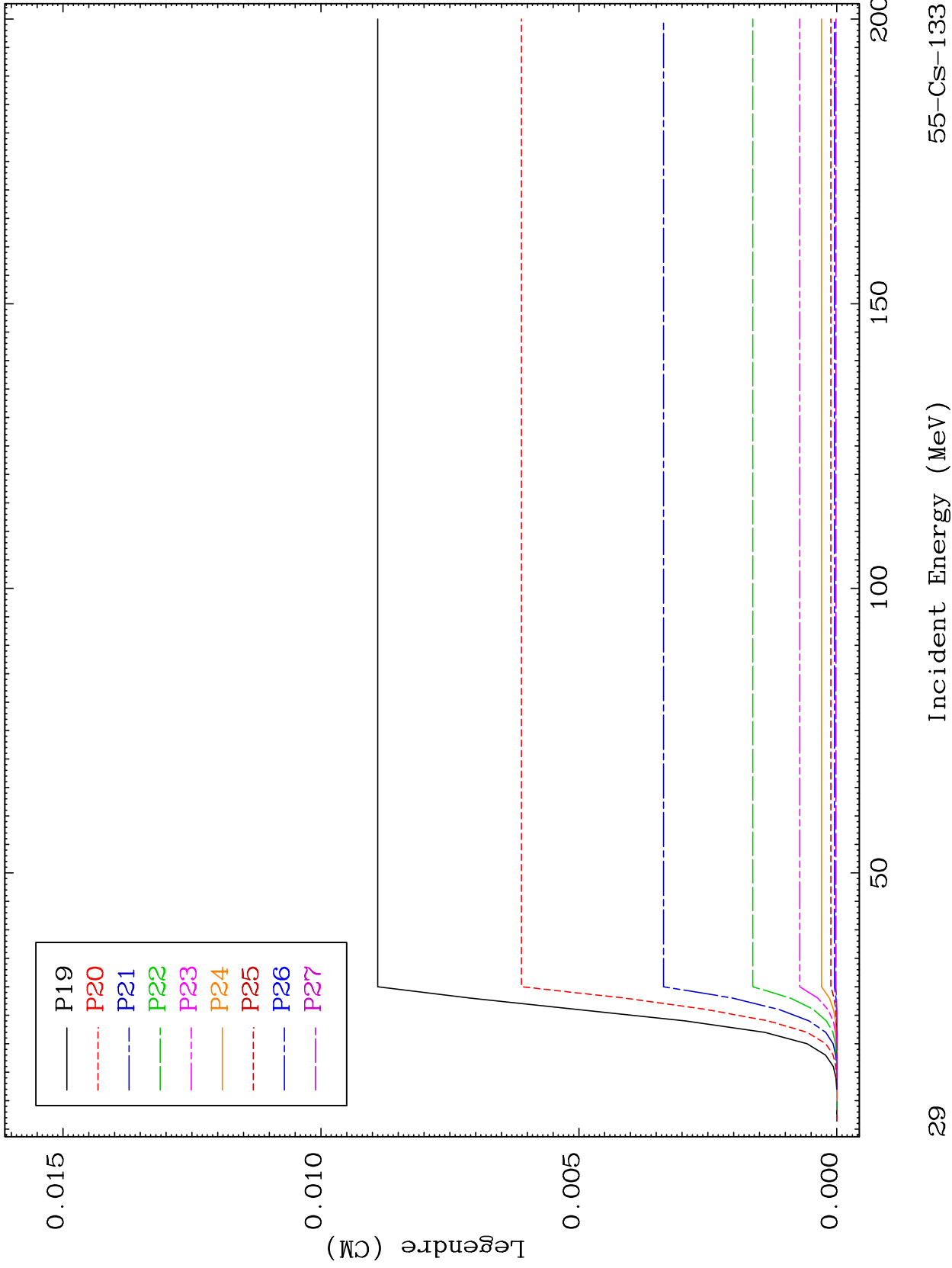
55-Cs-133



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Incident Energy (MeV)

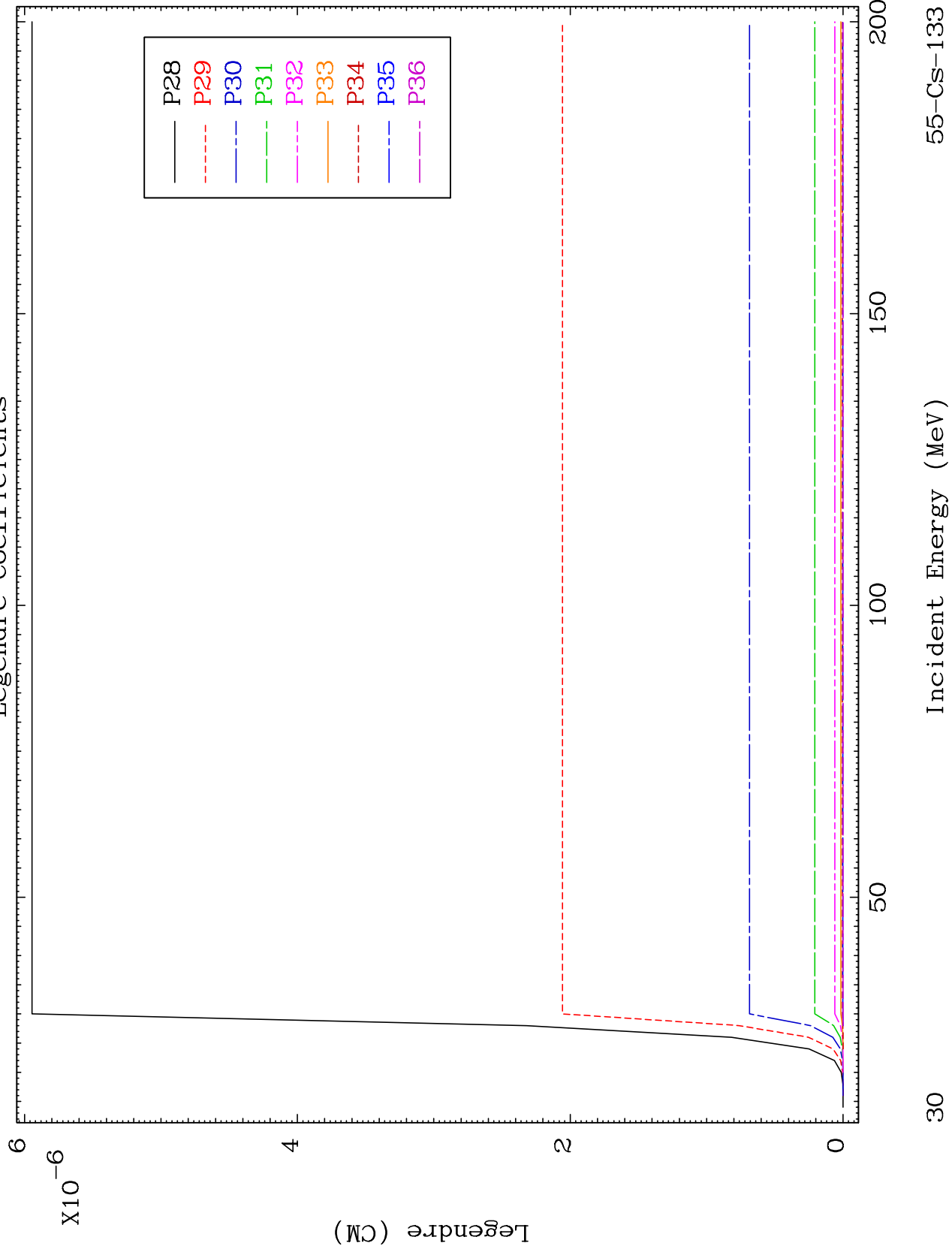
55-Cs-133



MAT 5525

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

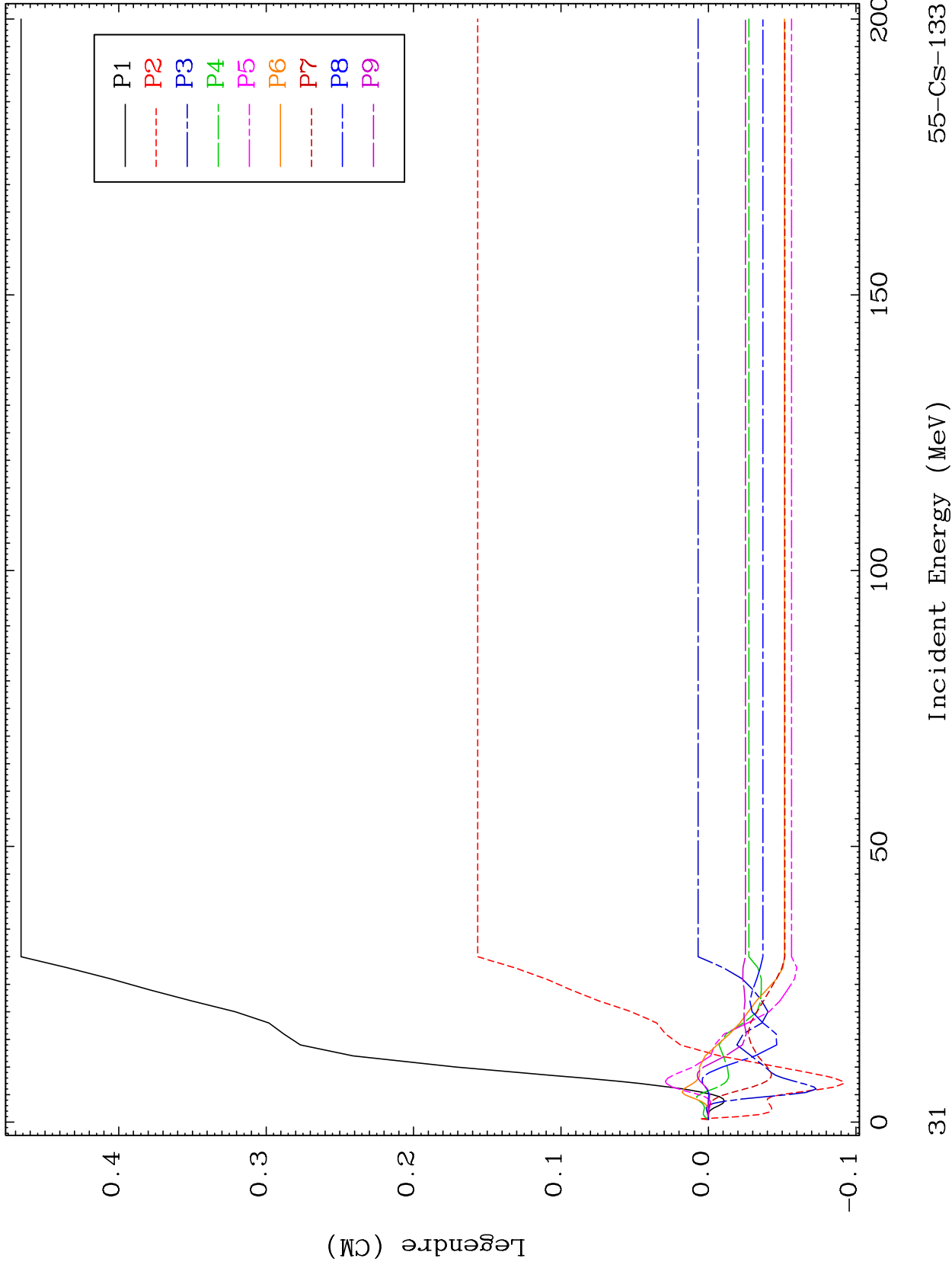
55-Cs-133



MAT 5525

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

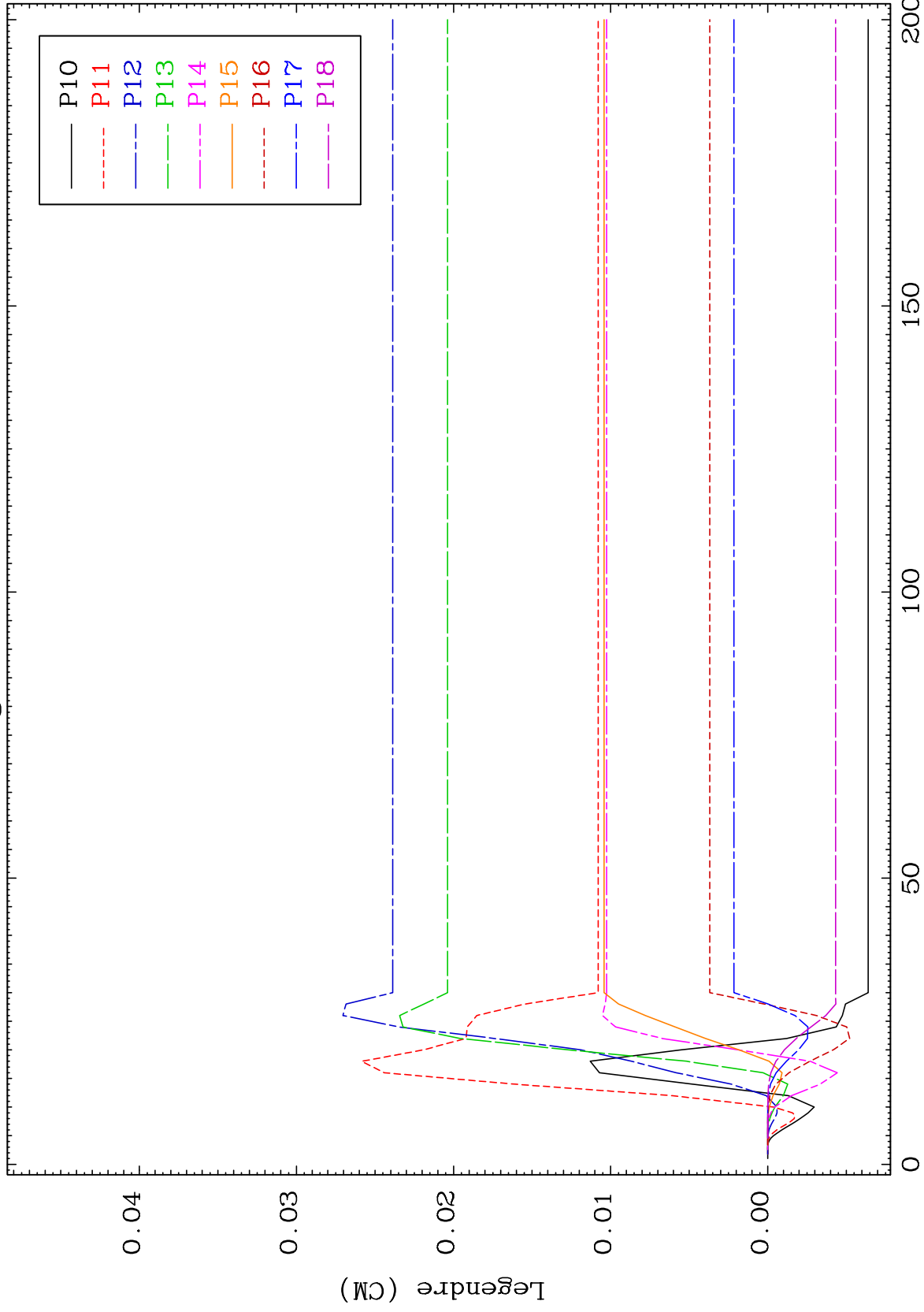
55-Cs-133



MAT 5525

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

55-Cs-133



32

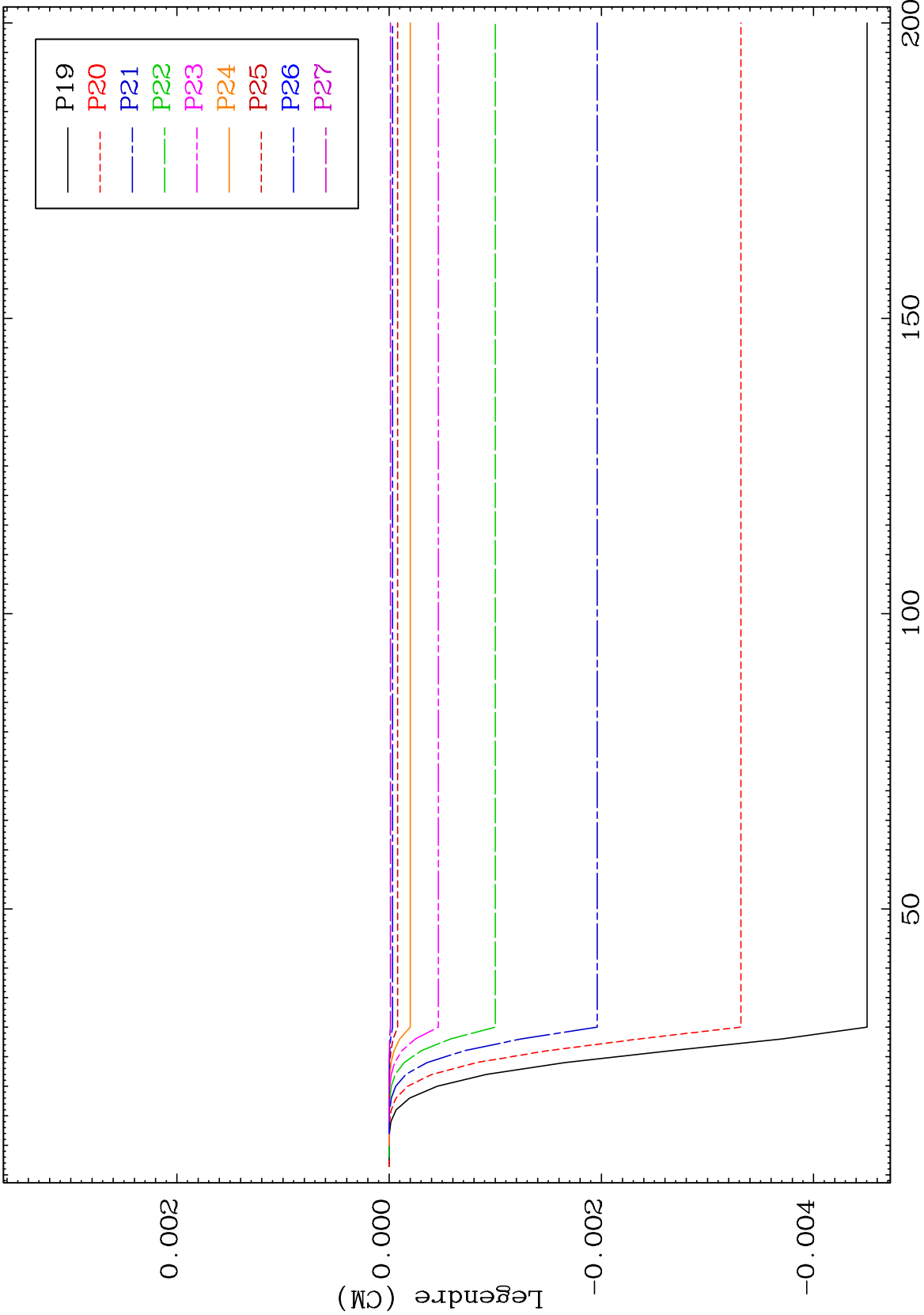
Incident Energy (MeV)

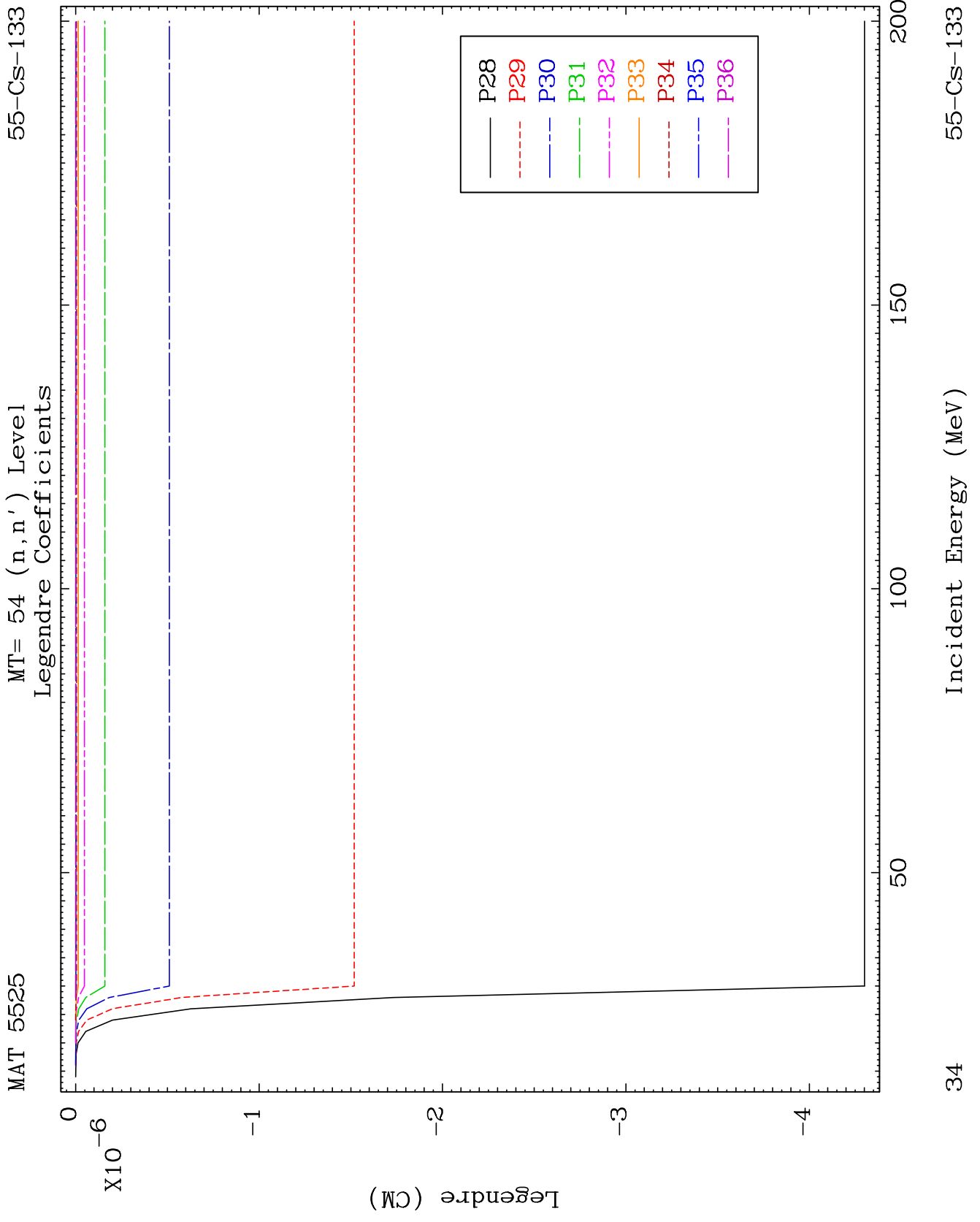
55-Cs-133

MAT 5525

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

55-Cs-133

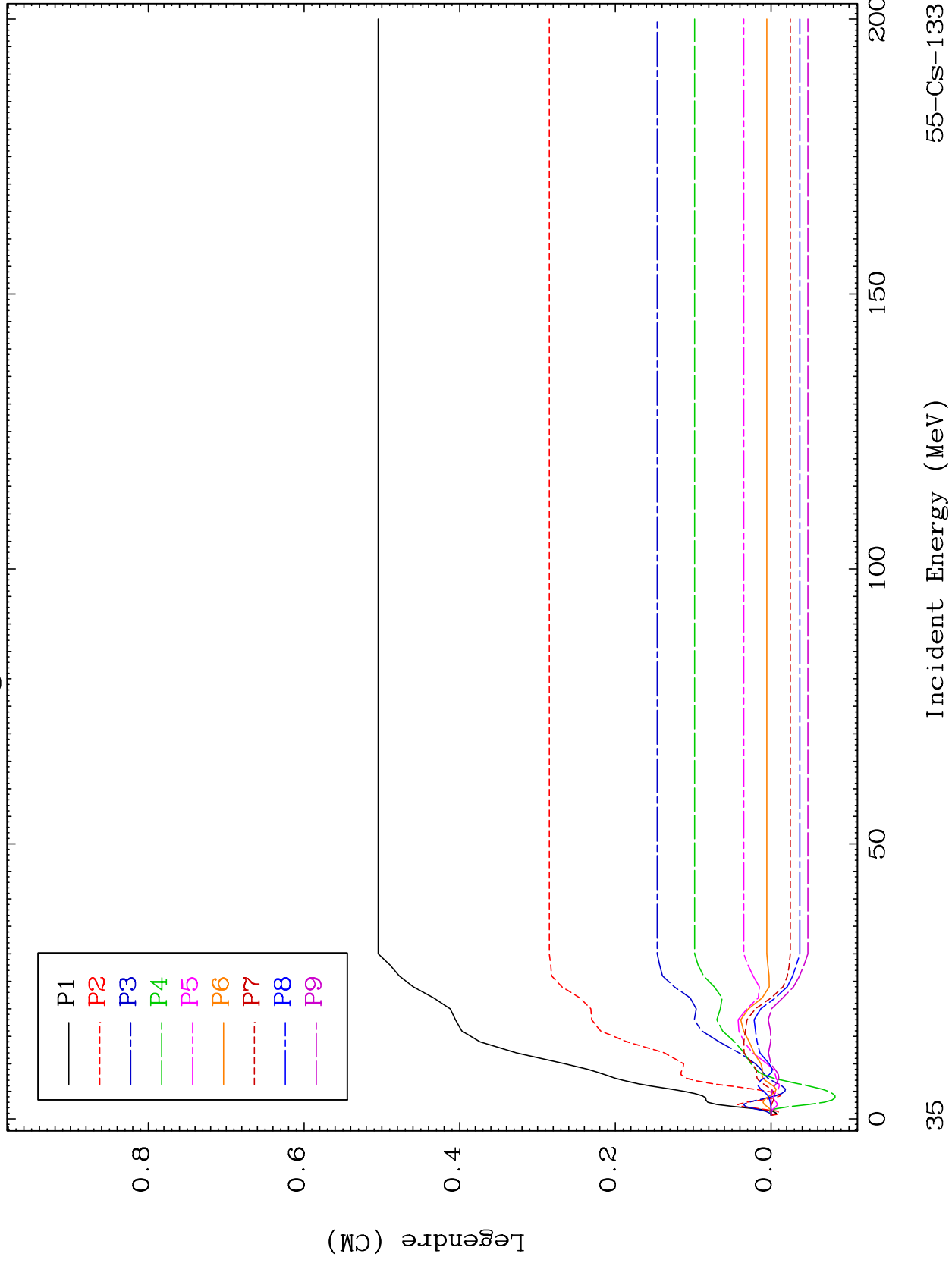




MAT 5525

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

55-Cs-133



55-Cs-133

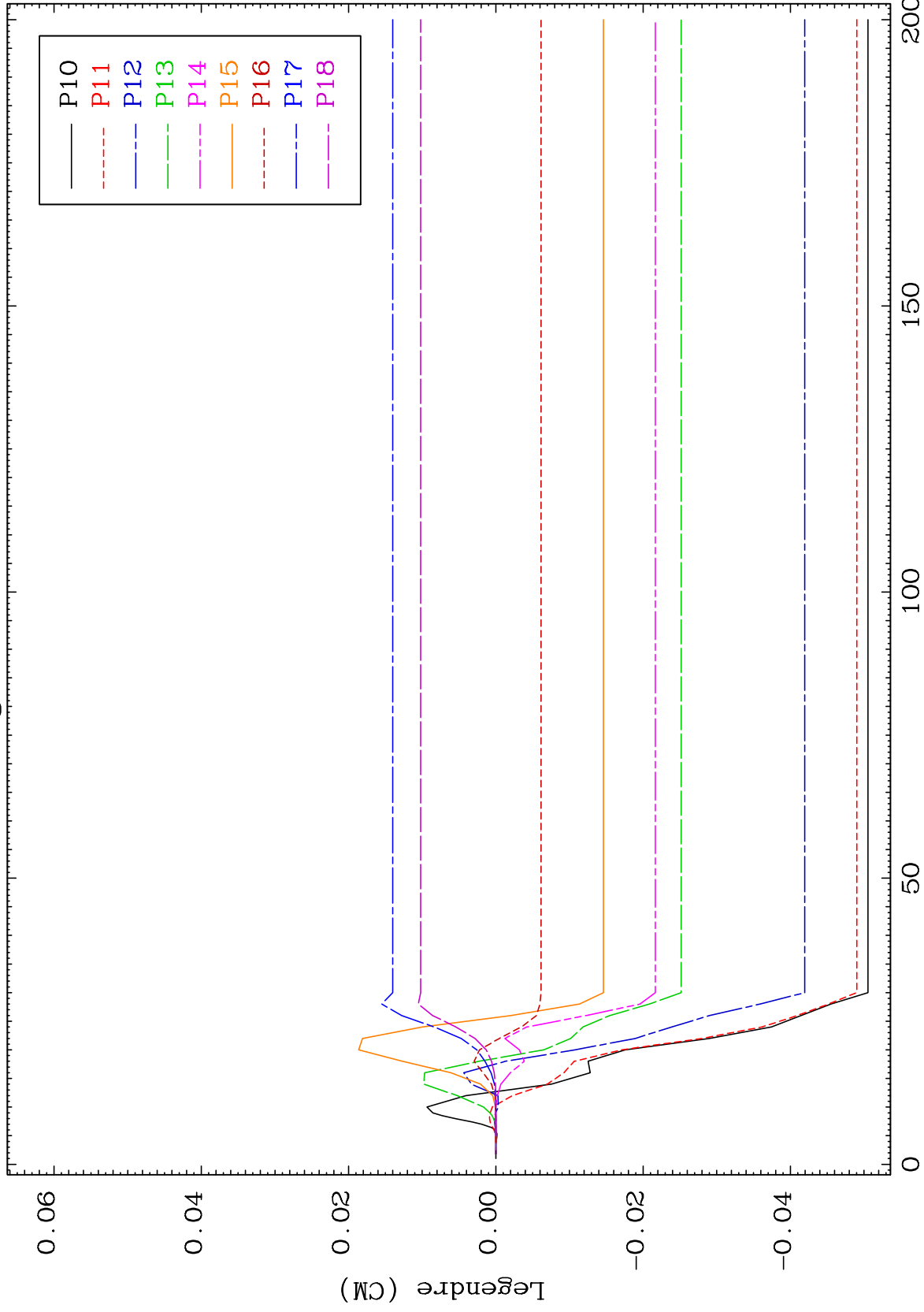
Incident Energy (MeV)

35

MAT 5525

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

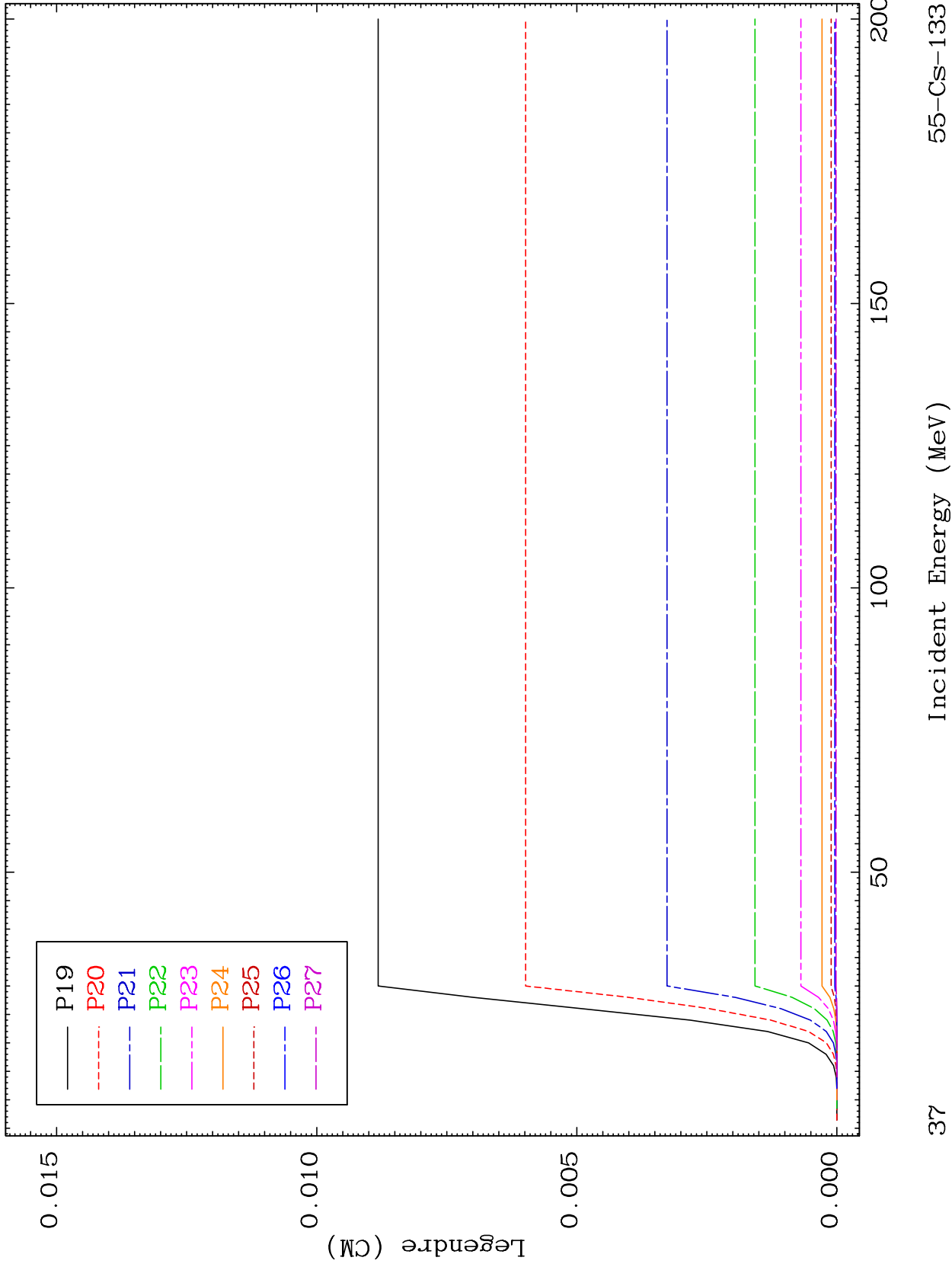
55-Cs-133



36

Incident Energy (MeV)

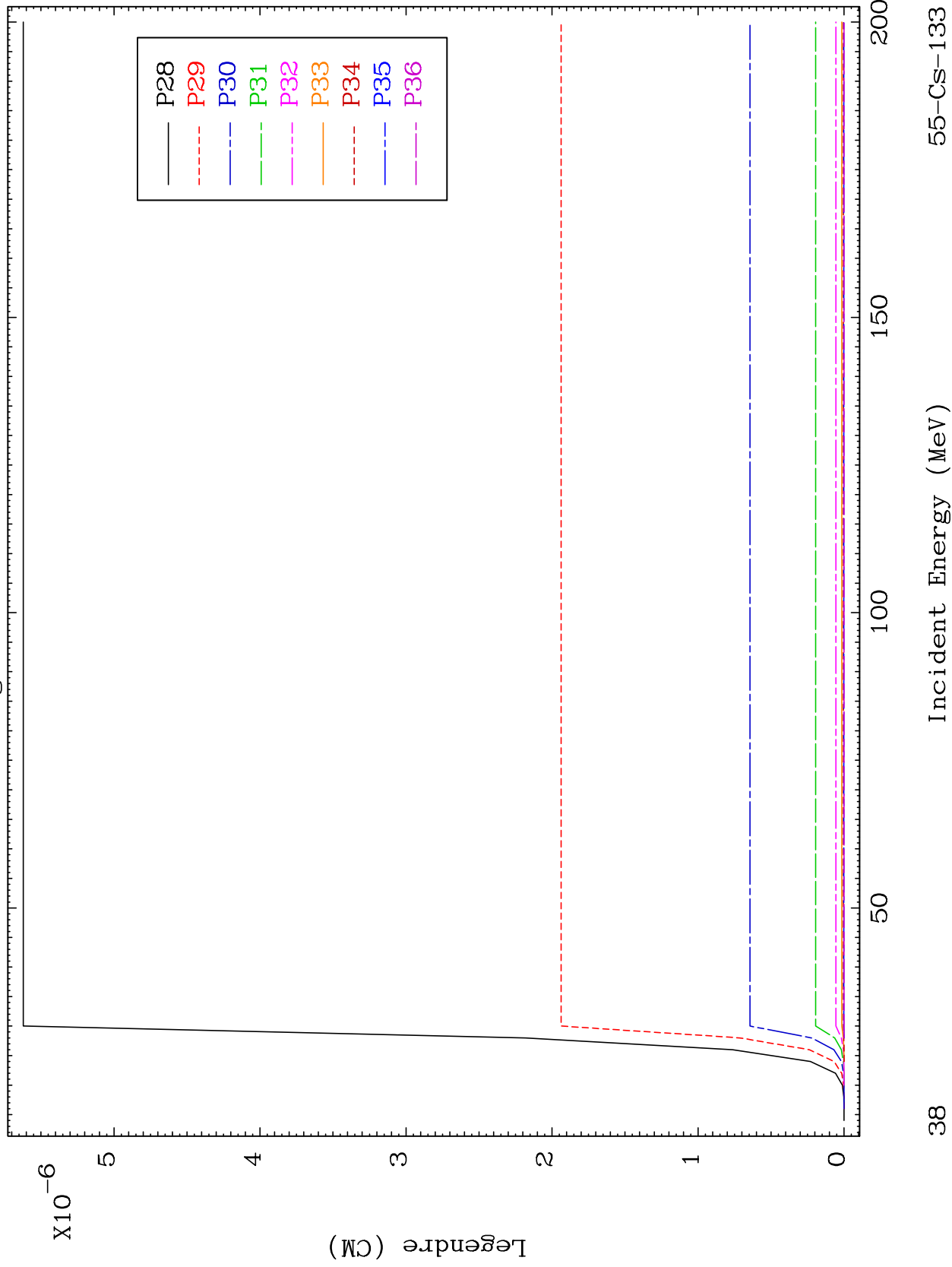
55-Cs-133



MAT 5525

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

55-Cs-133



38

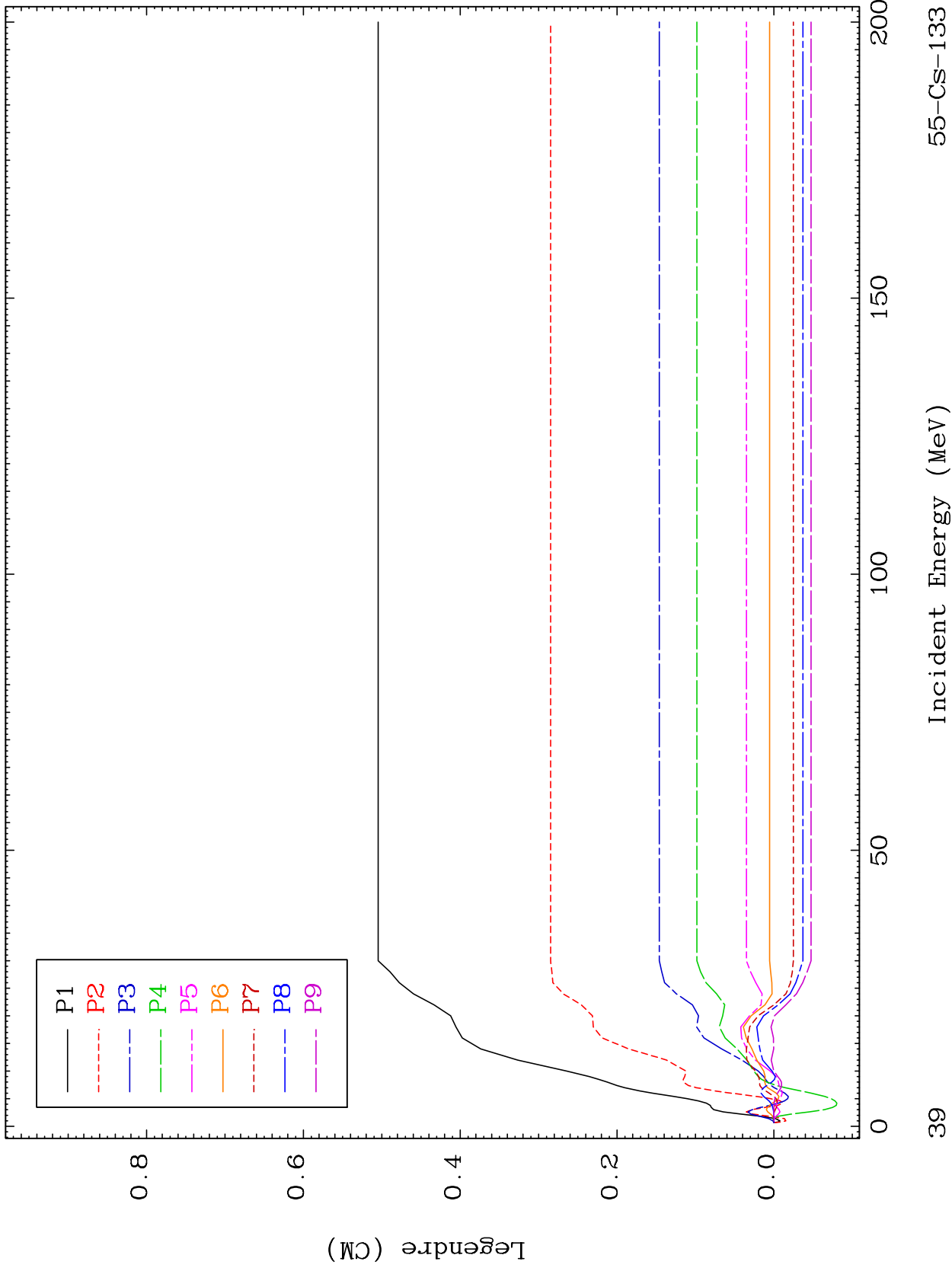
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



39

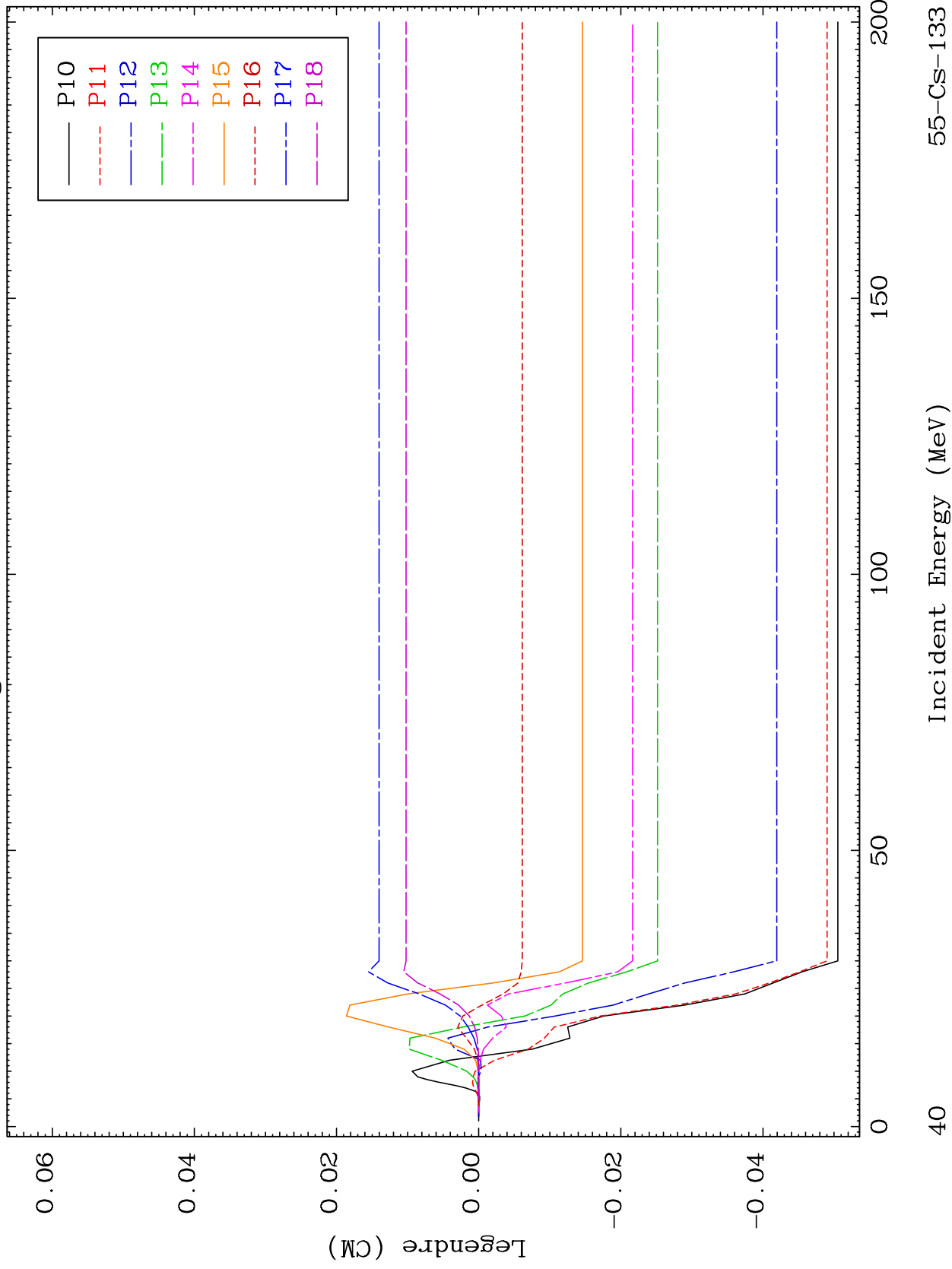
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

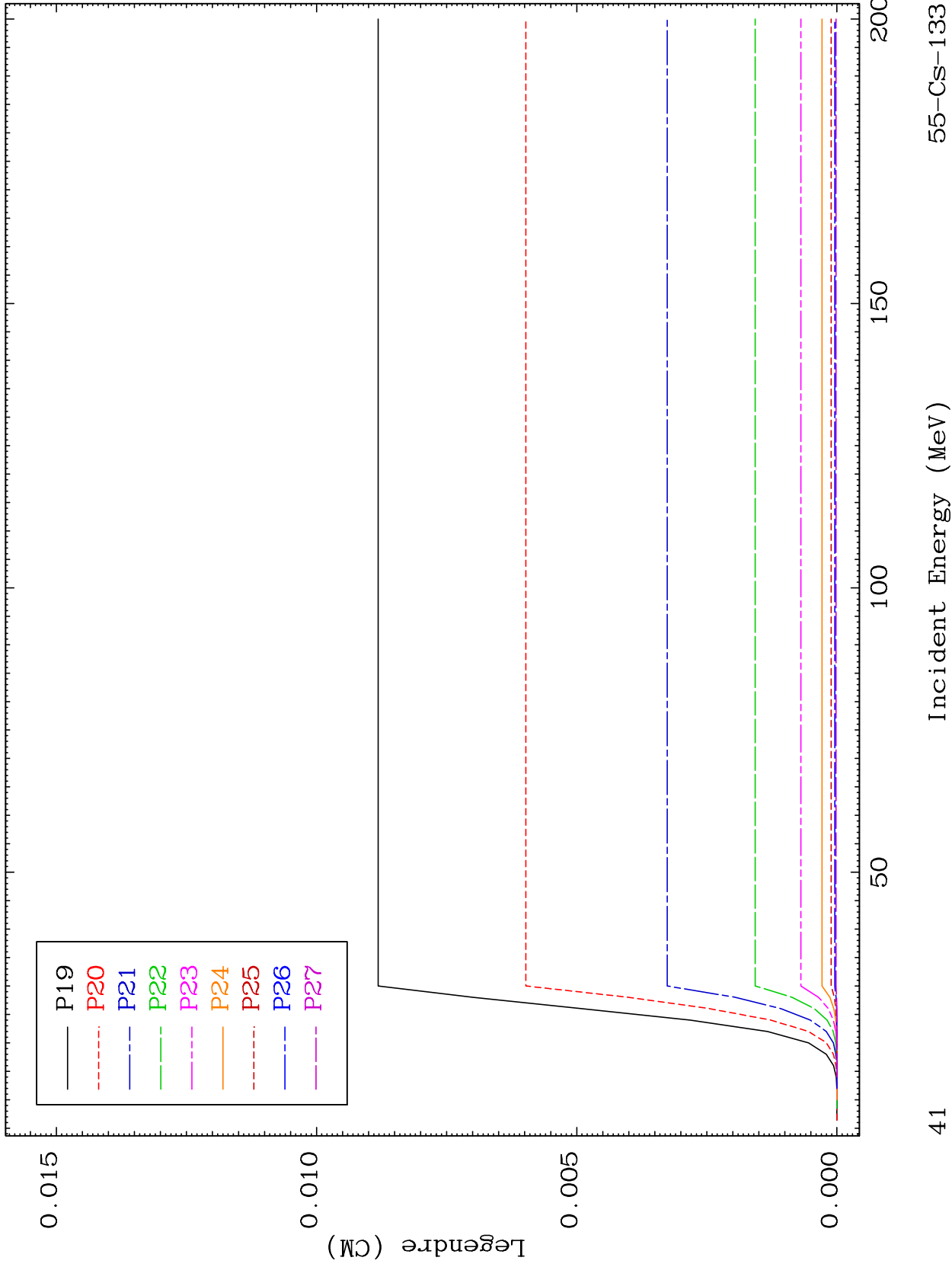
55-Cs-133



55-Cs-133

Incident Energy (MeV)

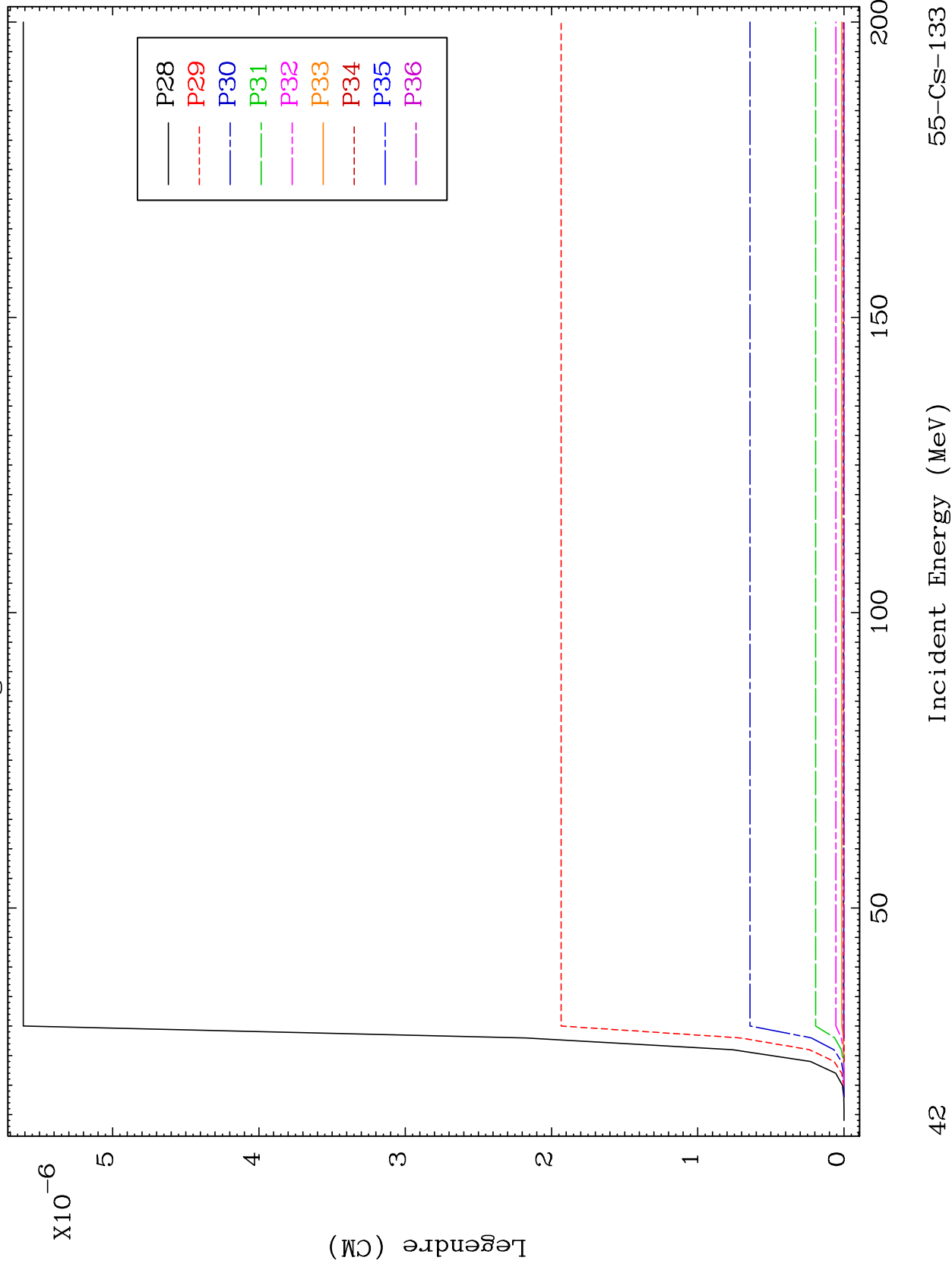
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MAT 5525

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

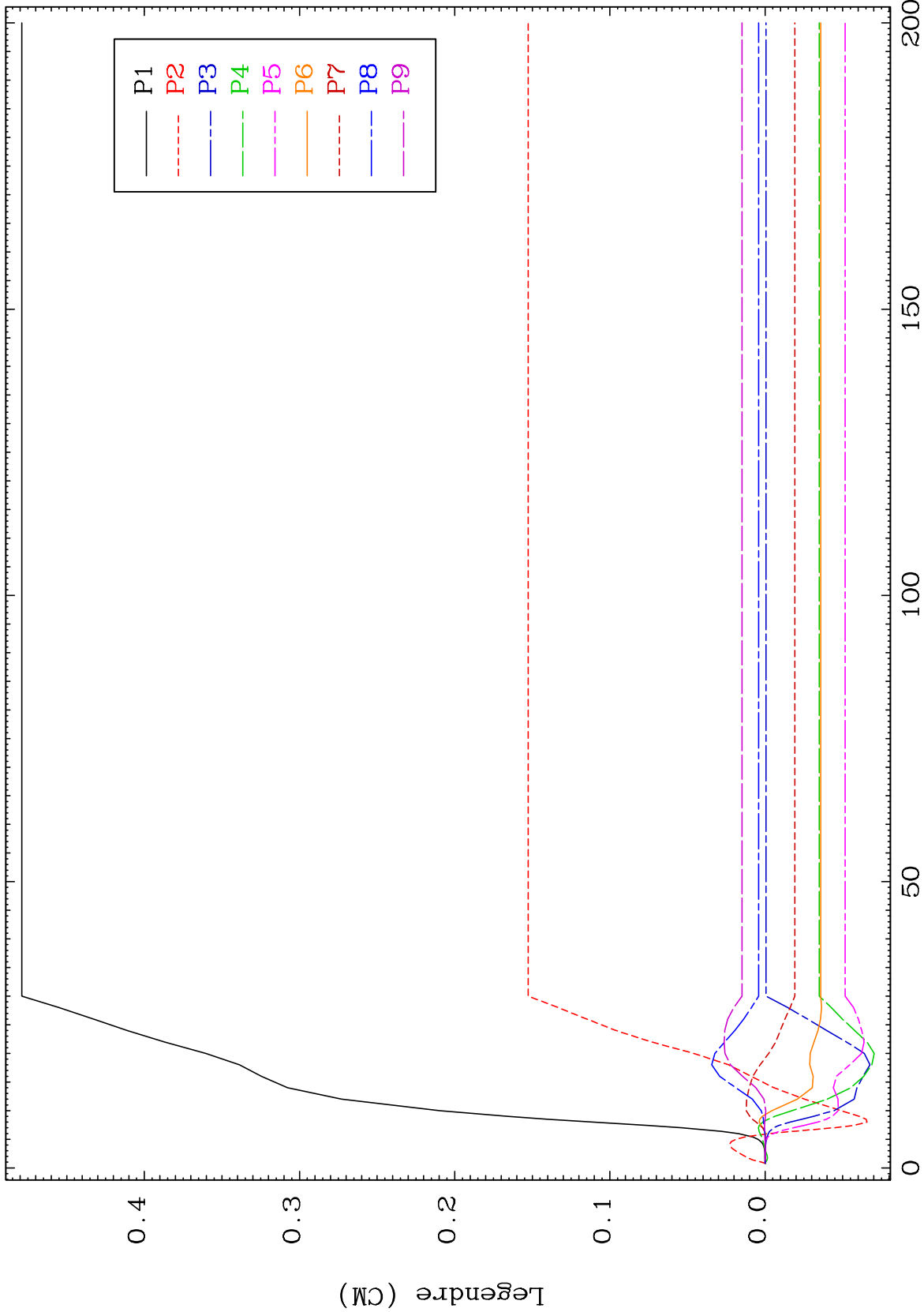
55-Cs-133



MAT 5525

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

55-Cs-133



43

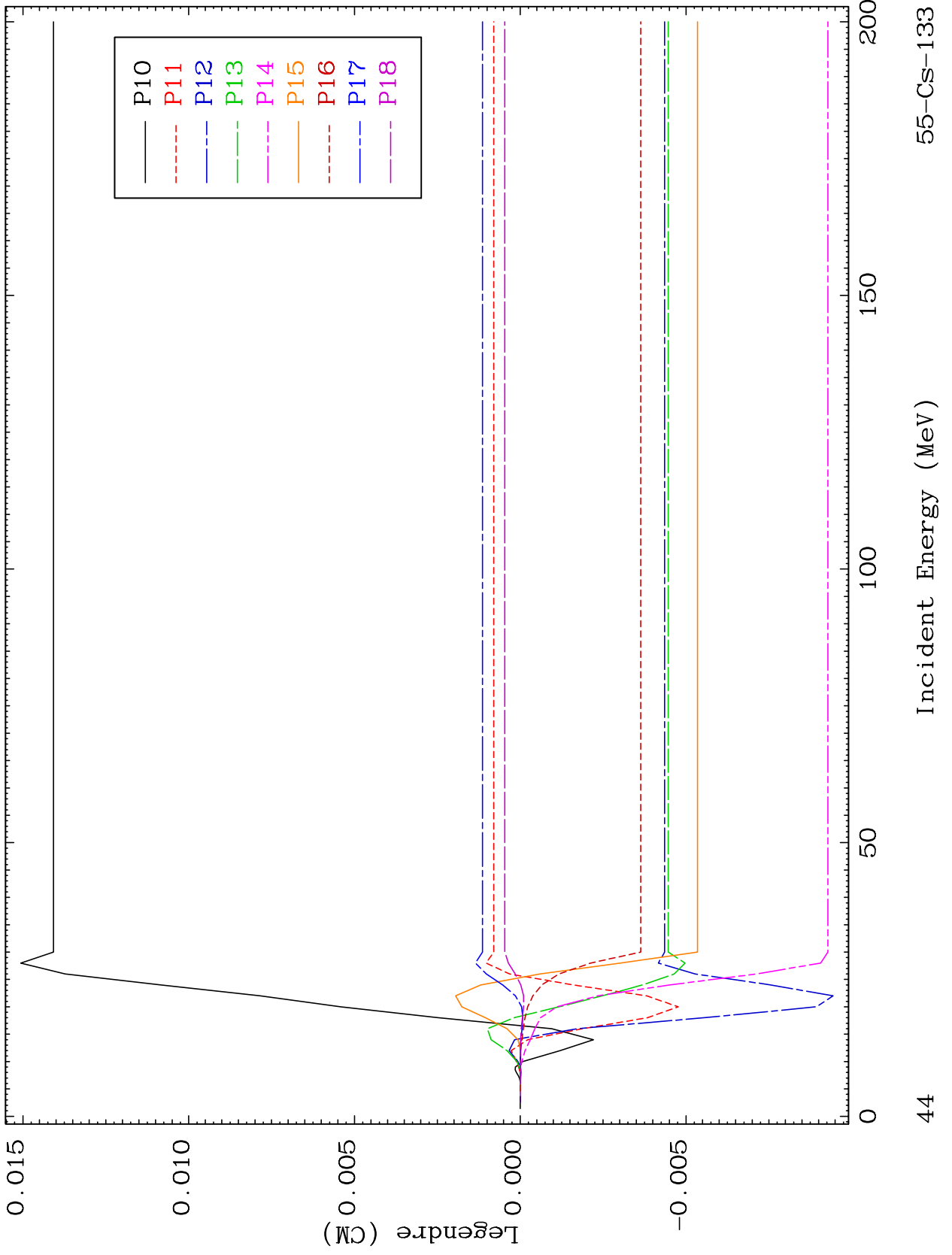
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



55-Cs-133

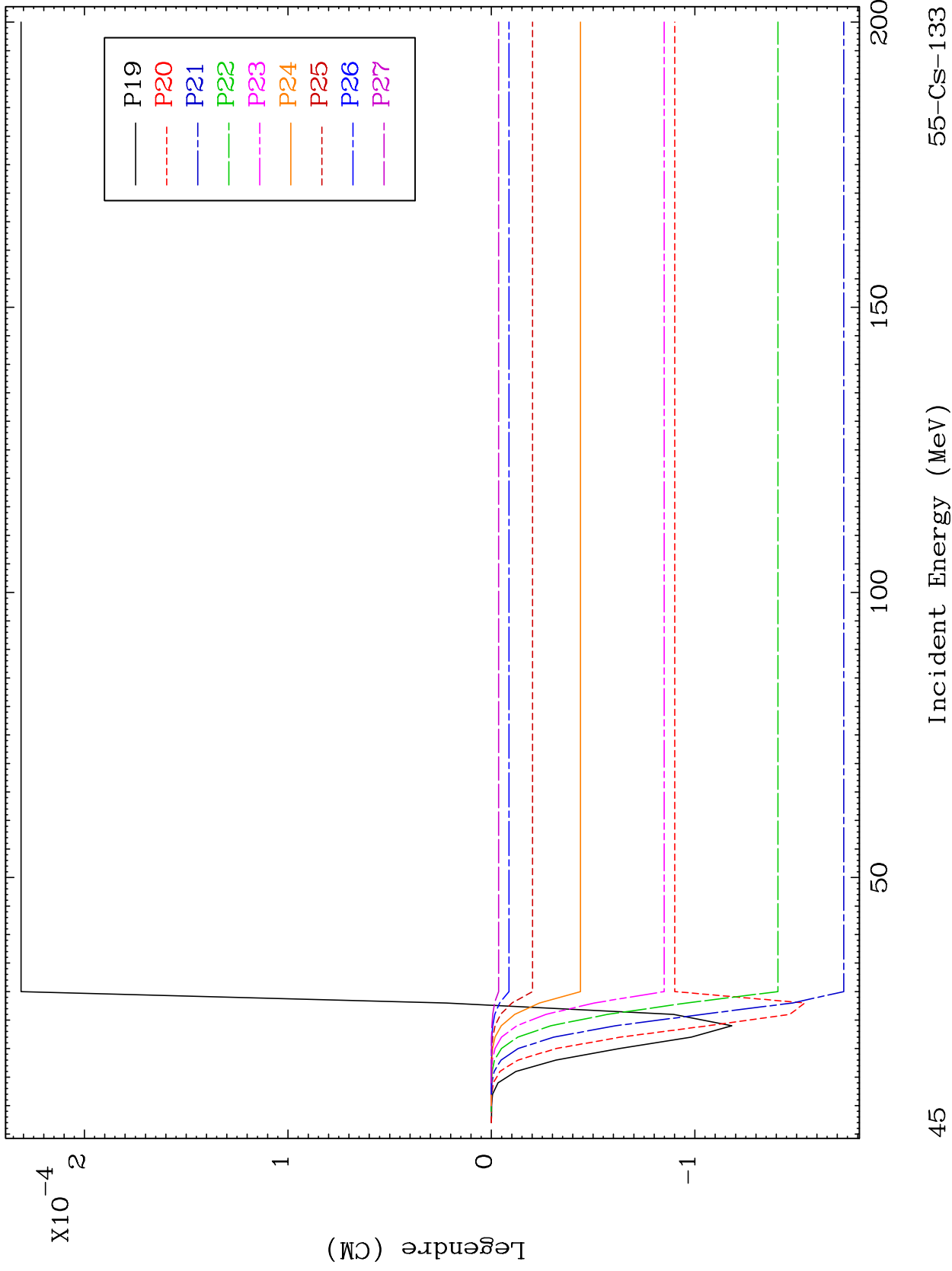
Incident Energy (MeV)

44

MAT 5525

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

55-Cs-133



45

Incident Energy (MeV)

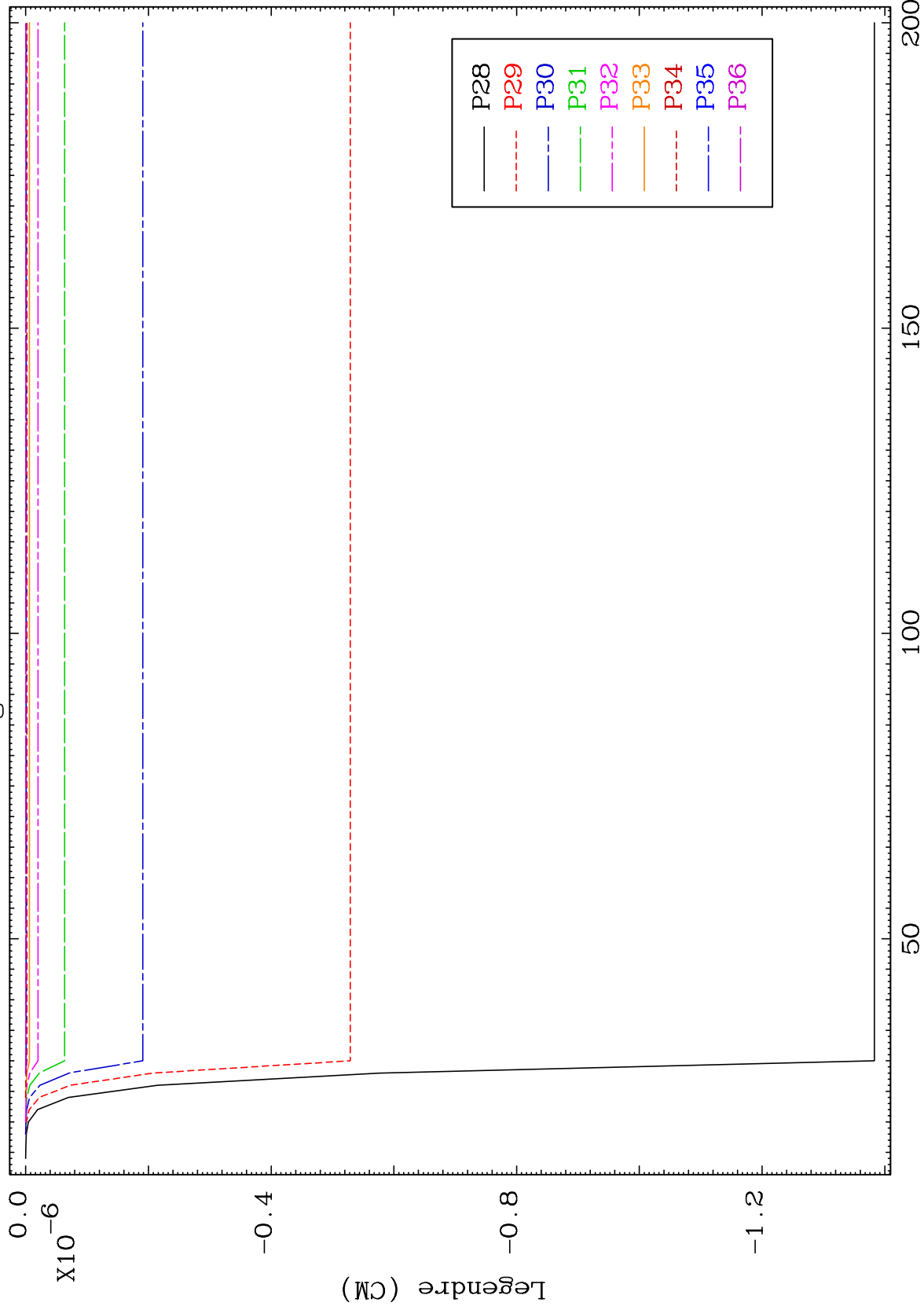
55-Cs-133

MAT 5525

MT= 57 (n,n') Level

55-Cs-133

Legendre Coefficients



55-Cs-133

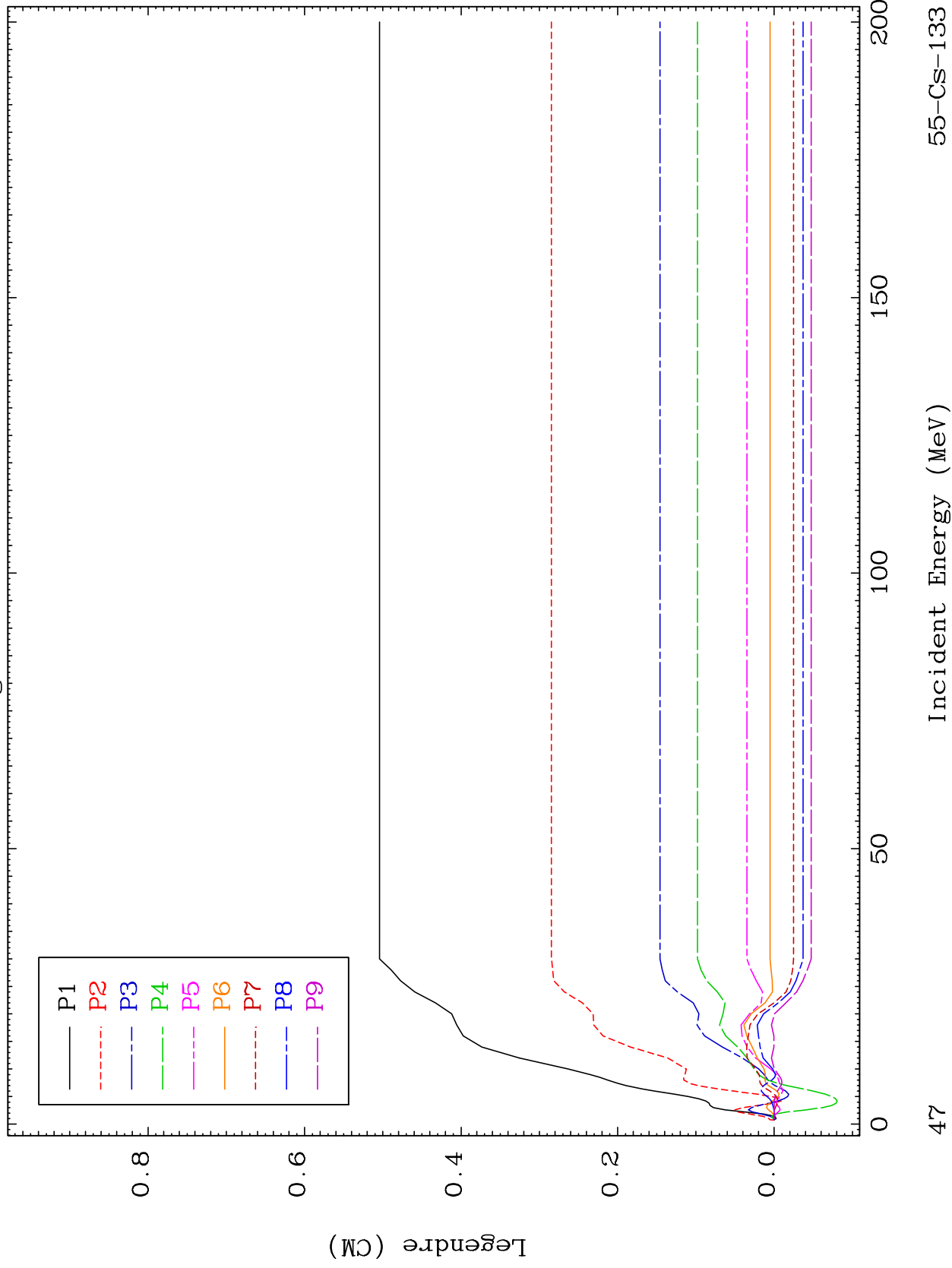
Incident Energy (MeV)

46

MAT 5525

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

55-Cs-133



55-Cs-133

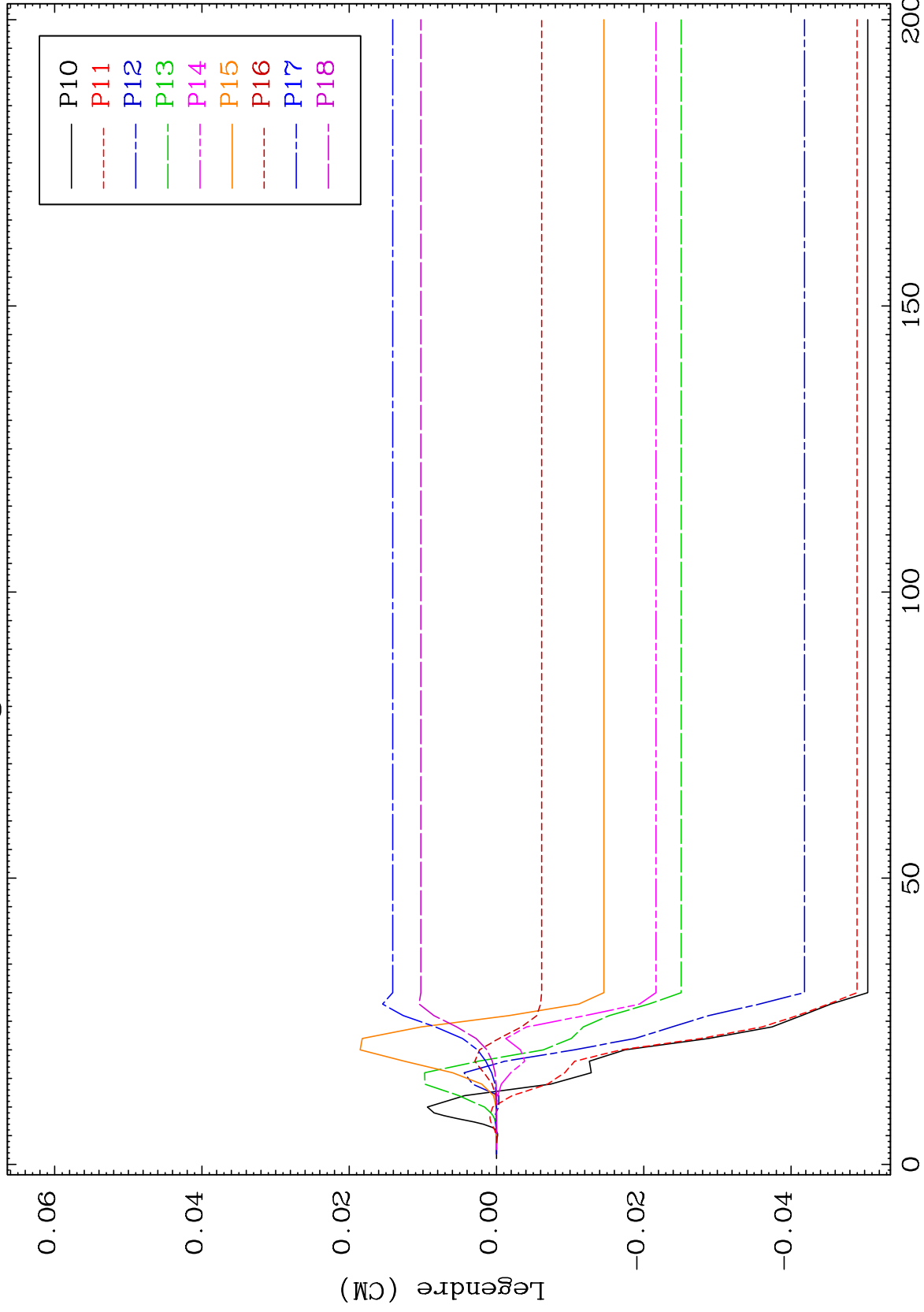
Incident Energy (MeV)

47

MAT 5525

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

55-Cs-133



48

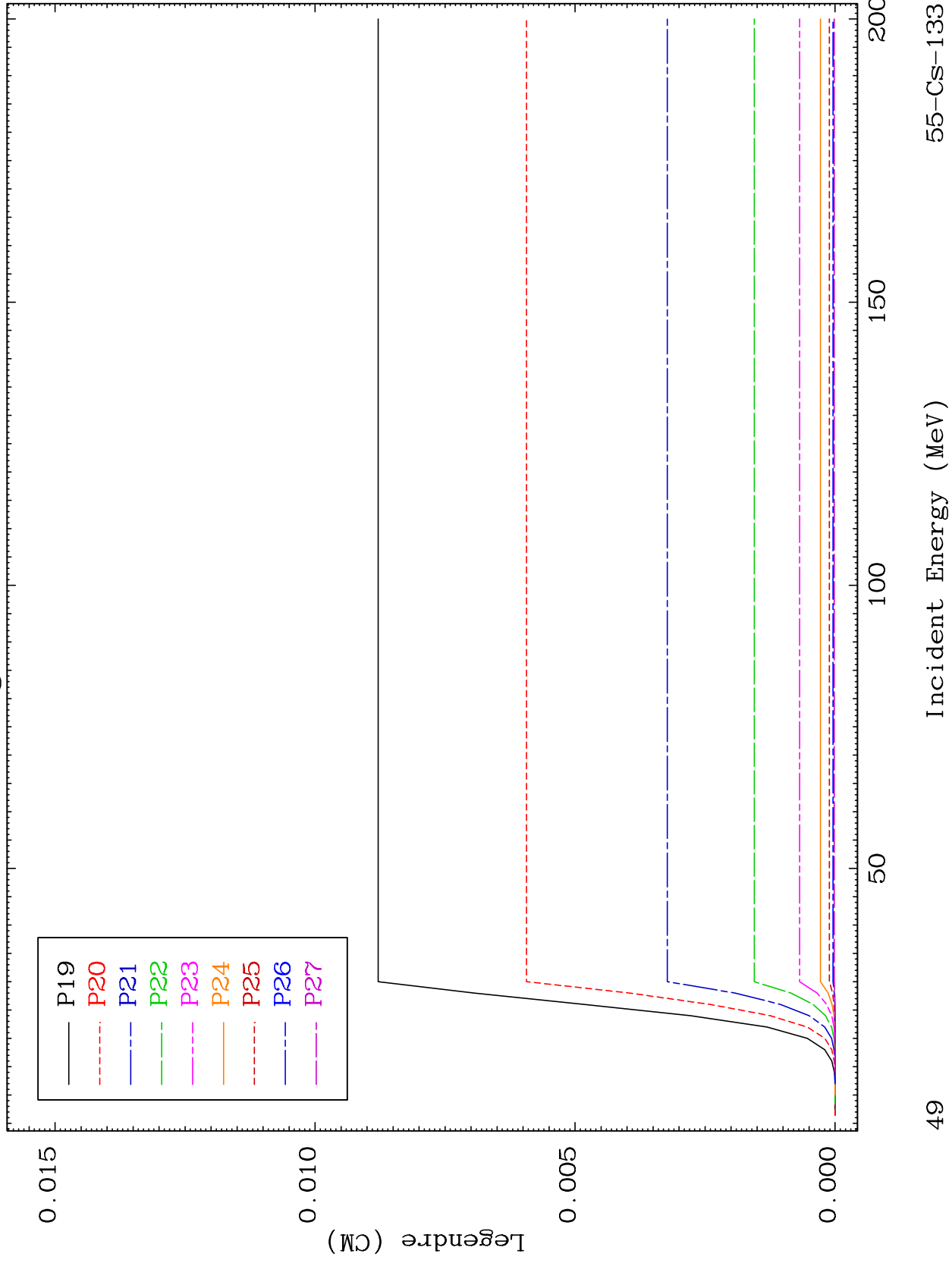
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



49

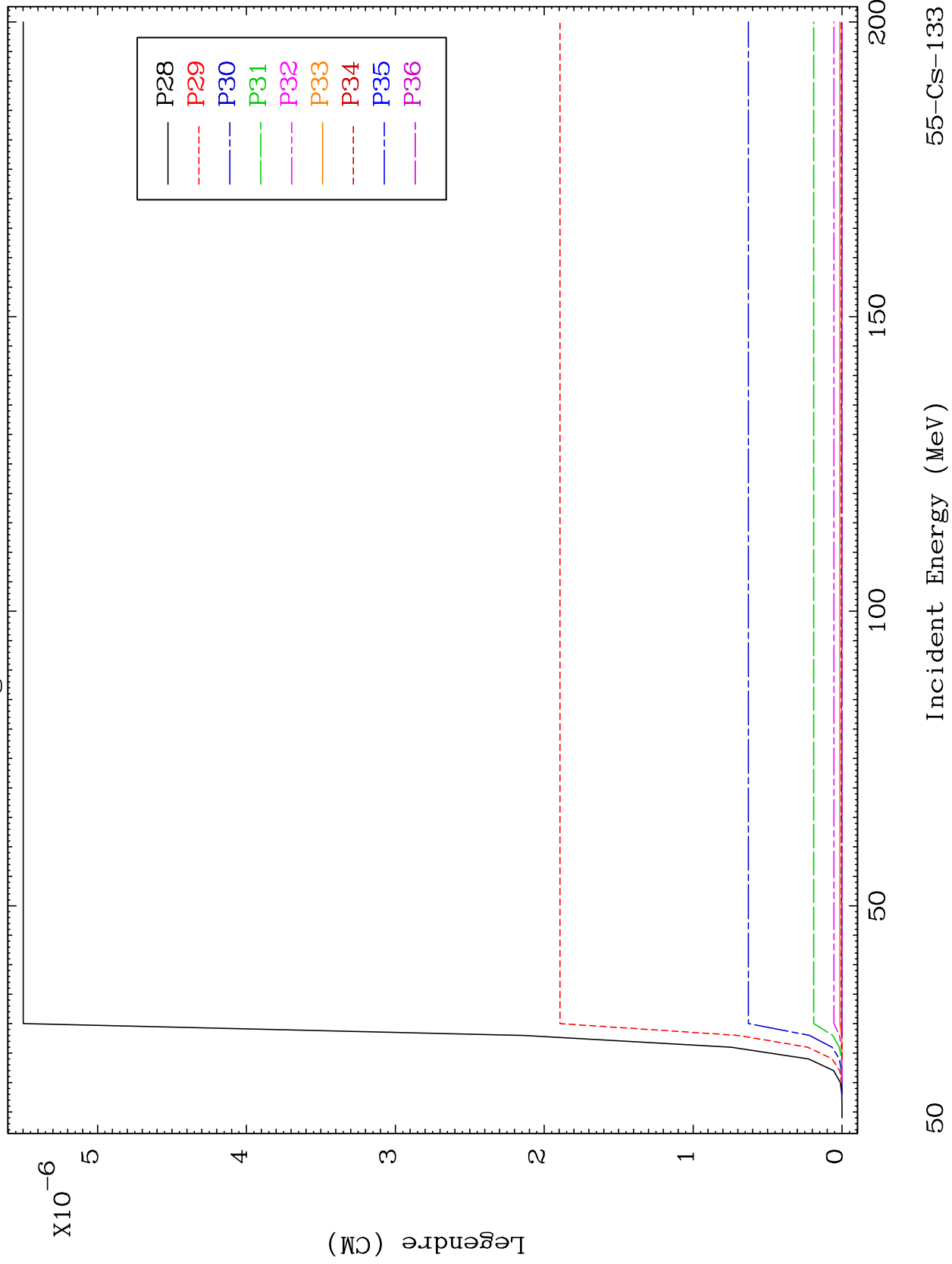
Incident Energy (MeV)

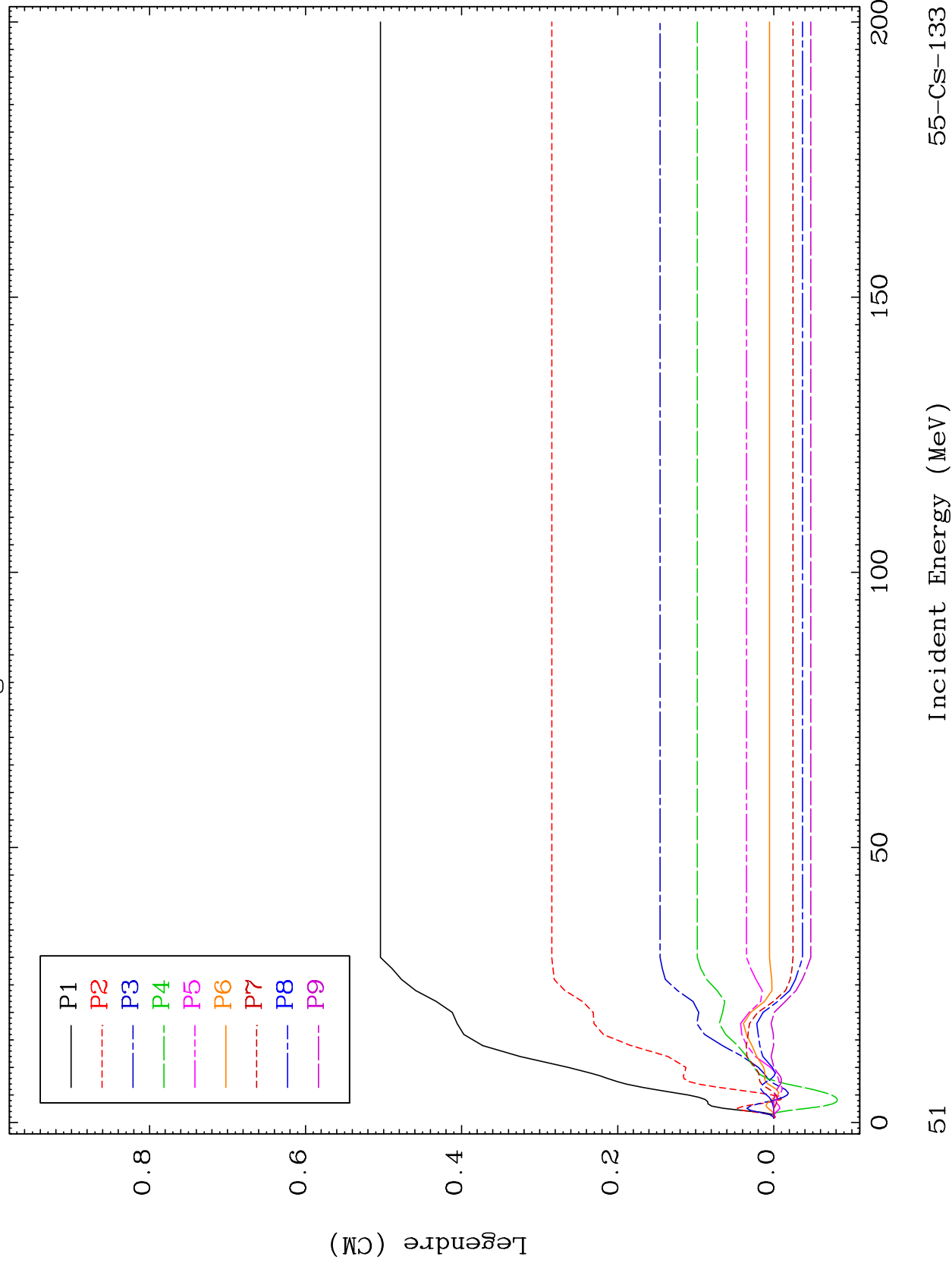
55-Cs-133

MAT 5525

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

55-Cs-133

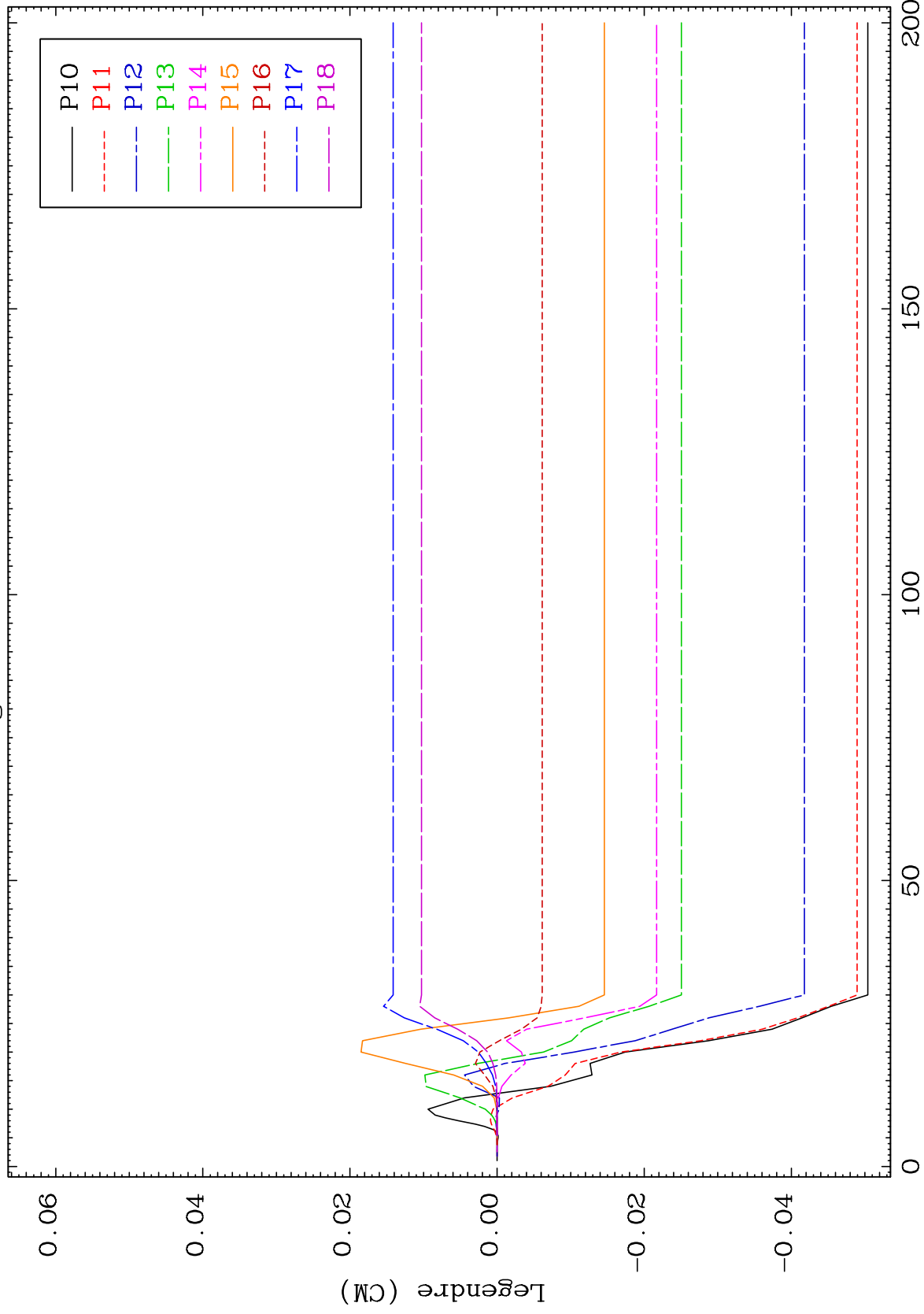




MAT 5525

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

55-Cs-133



52

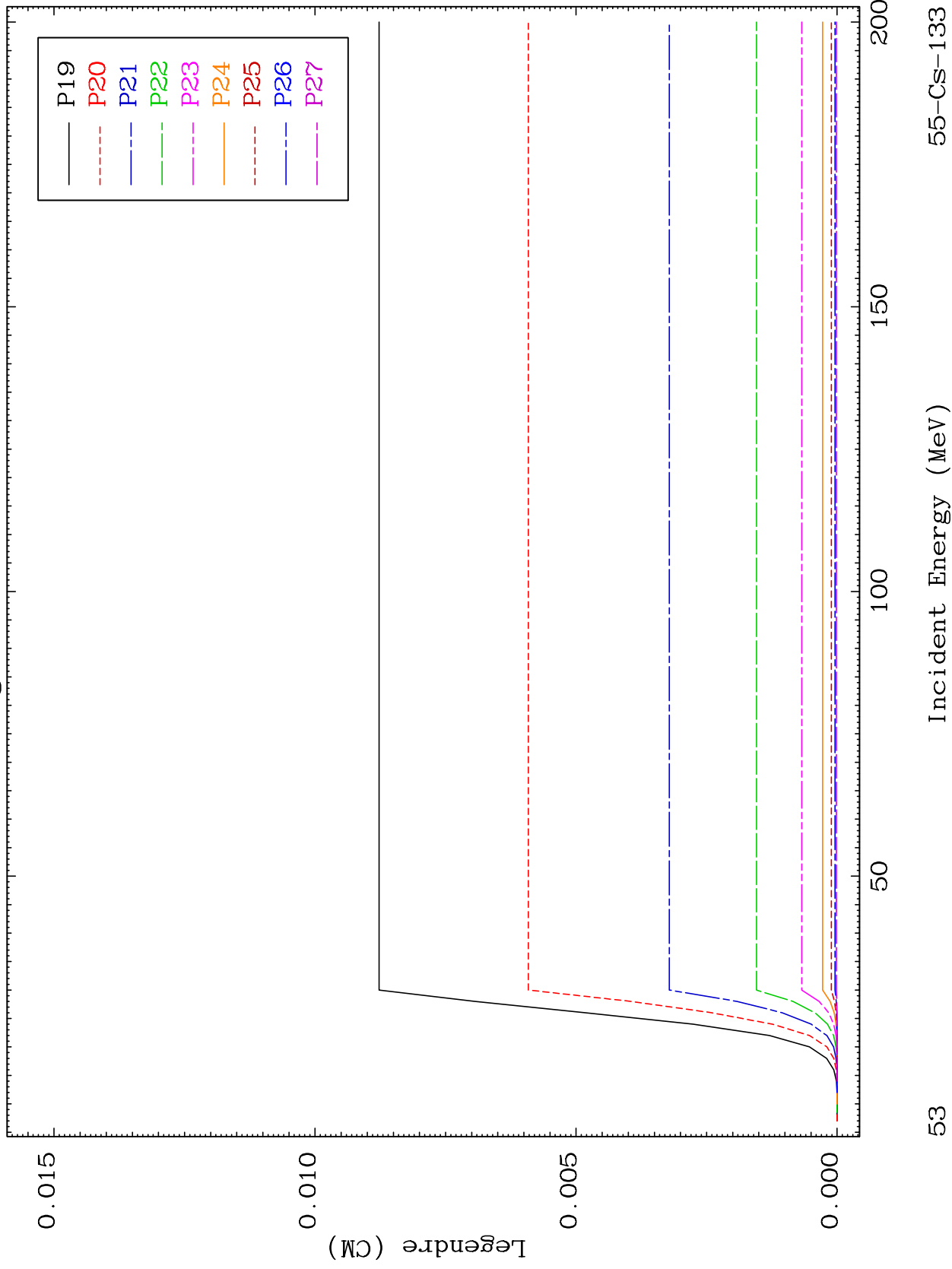
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



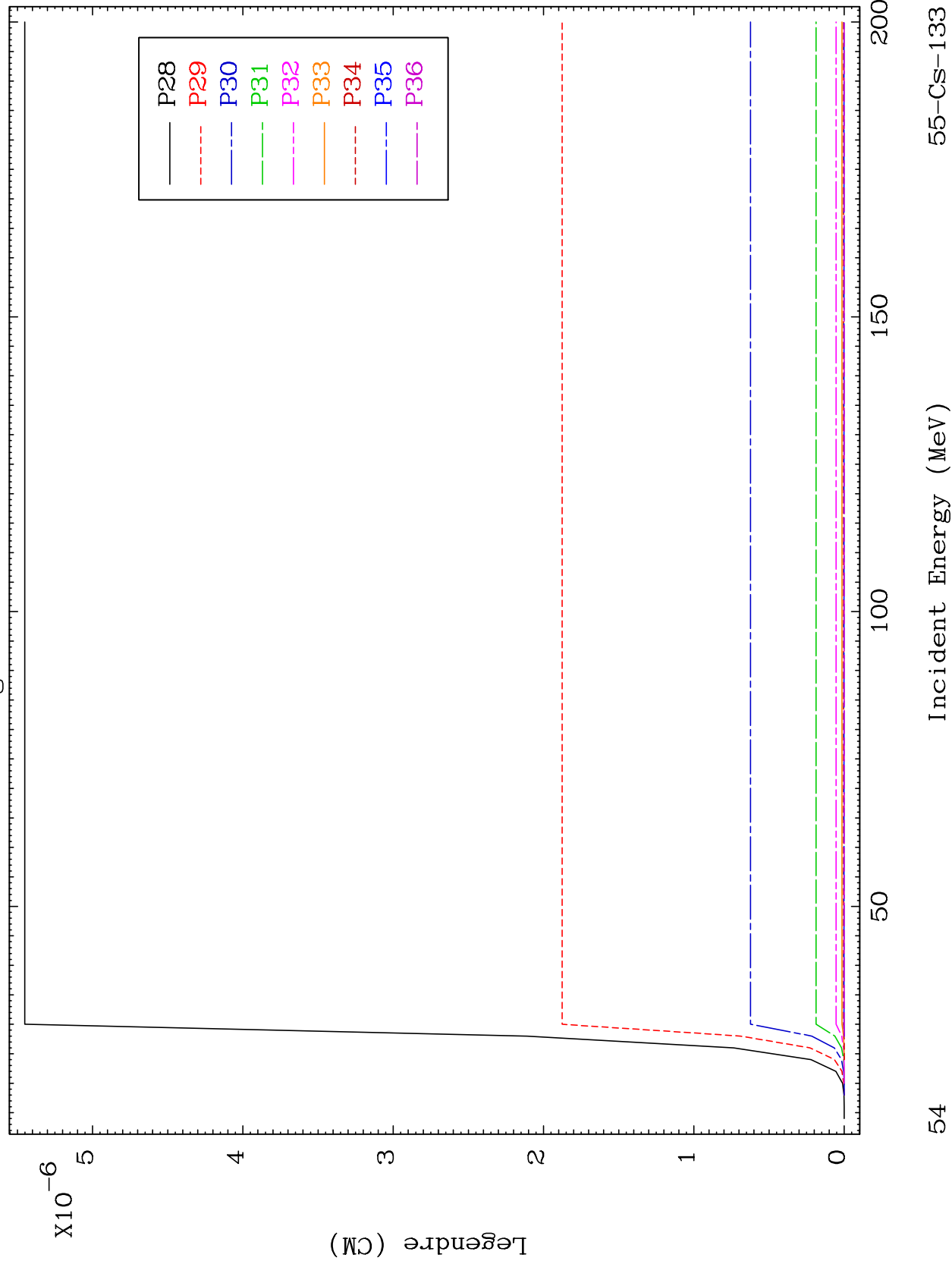
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55-Cs-133

MAT 5525

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

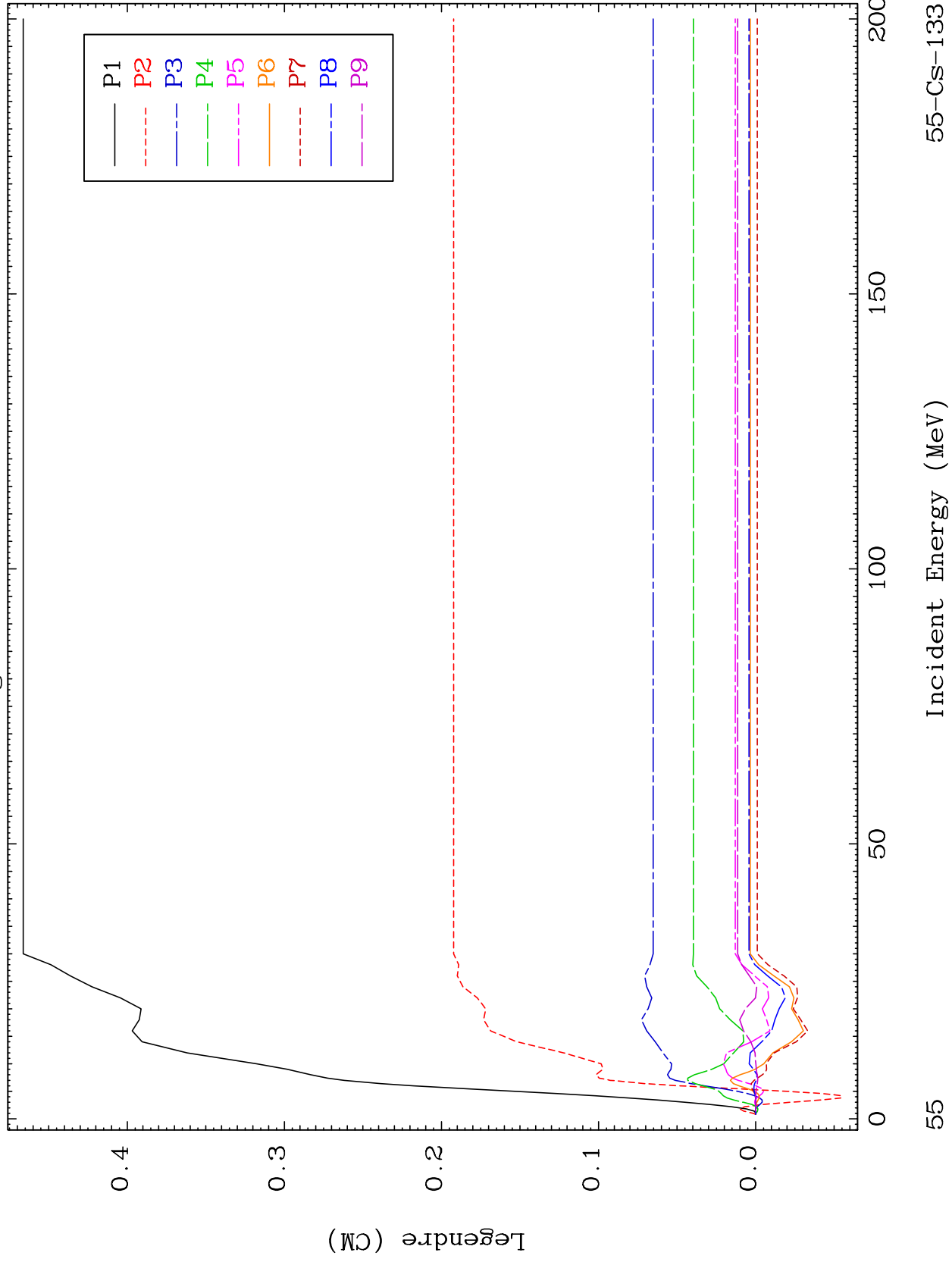
55-Cs-133



MAT 5525

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

55-Cs-133



55-Cs-133

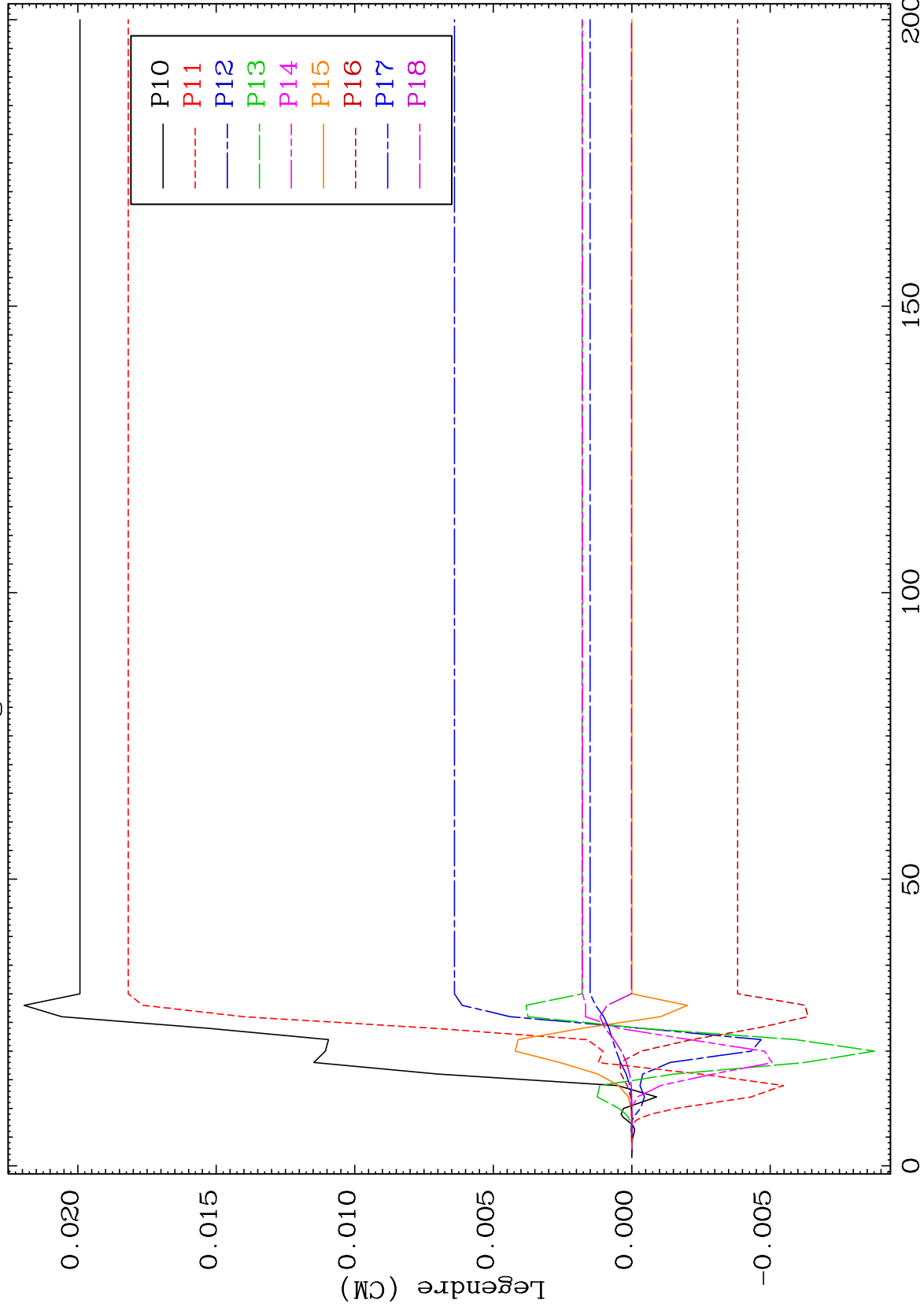
Incident Energy (MeV)

55

MAT 5525

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

55-Cs-133



56

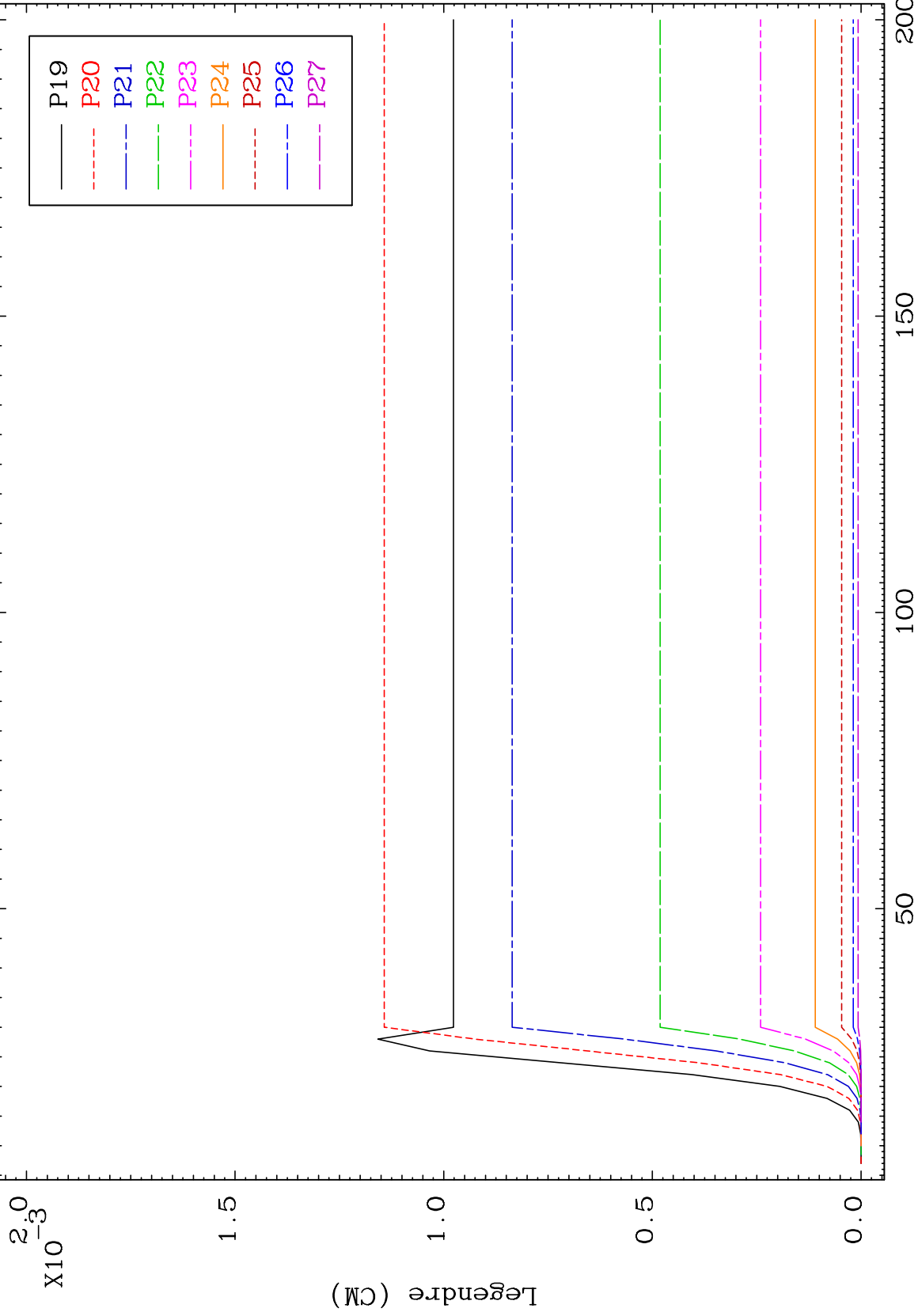
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



57

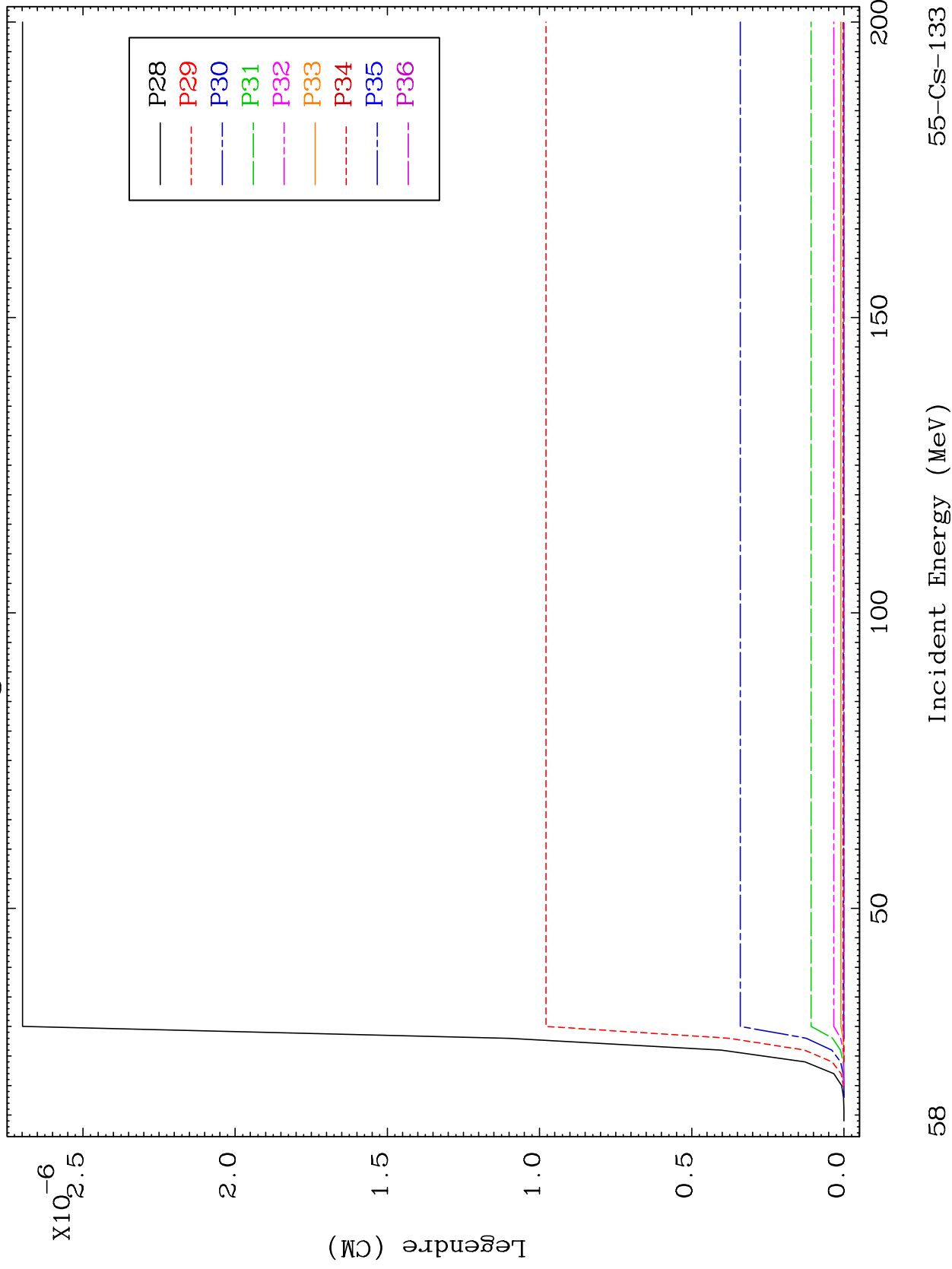
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

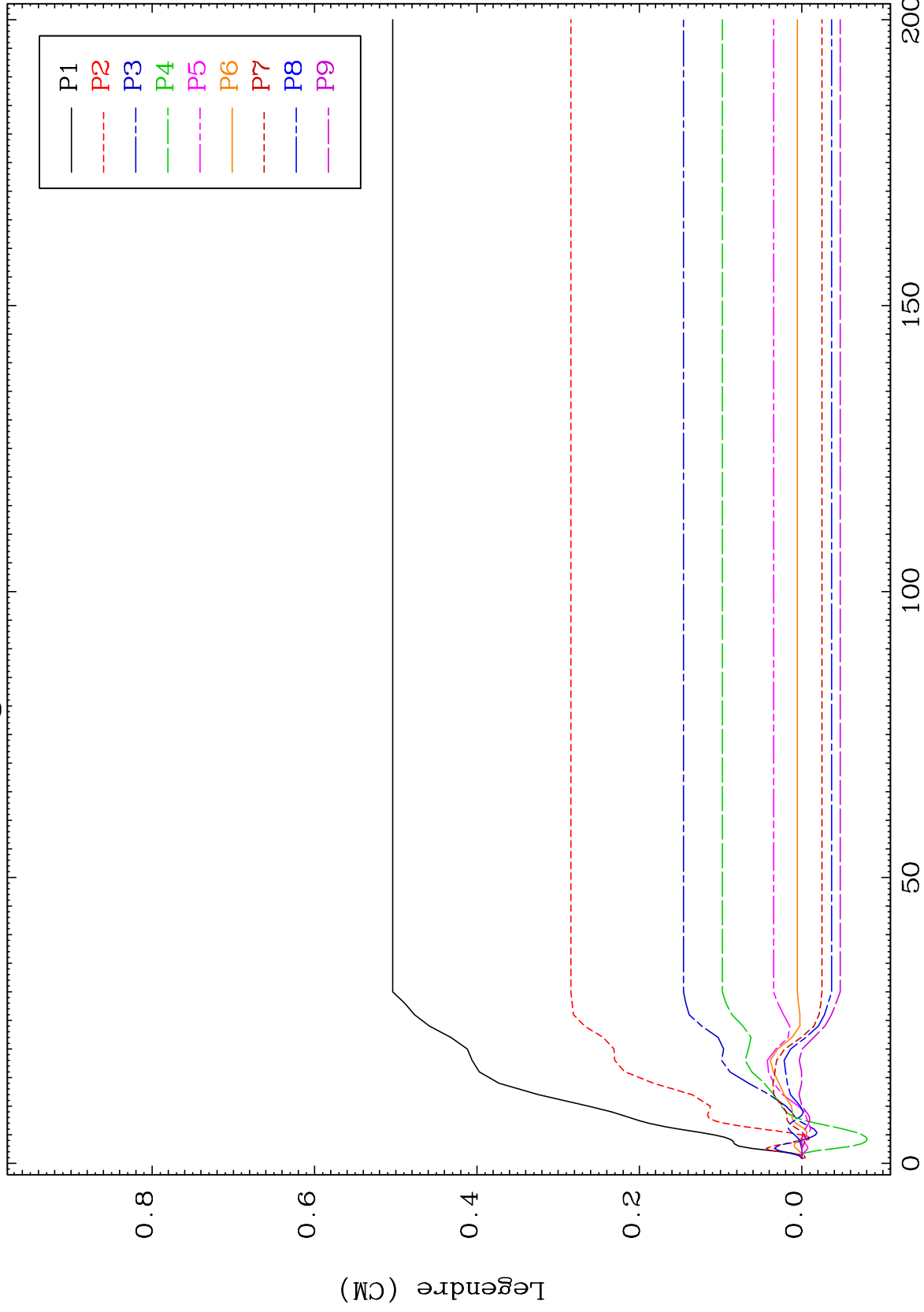
55-Cs-133



MAT 5525

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

55-Cs-133



59

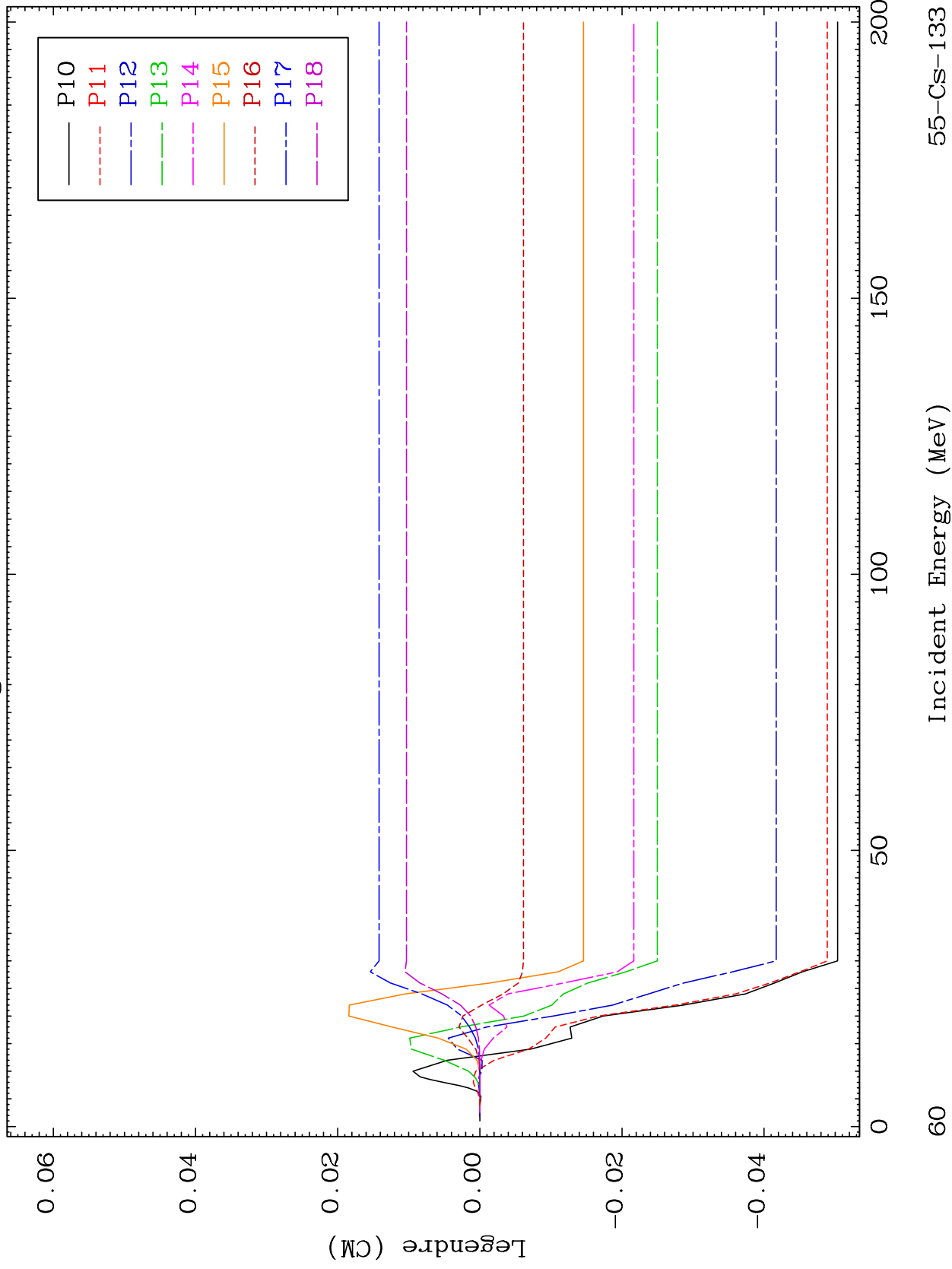
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



55-Cs-133

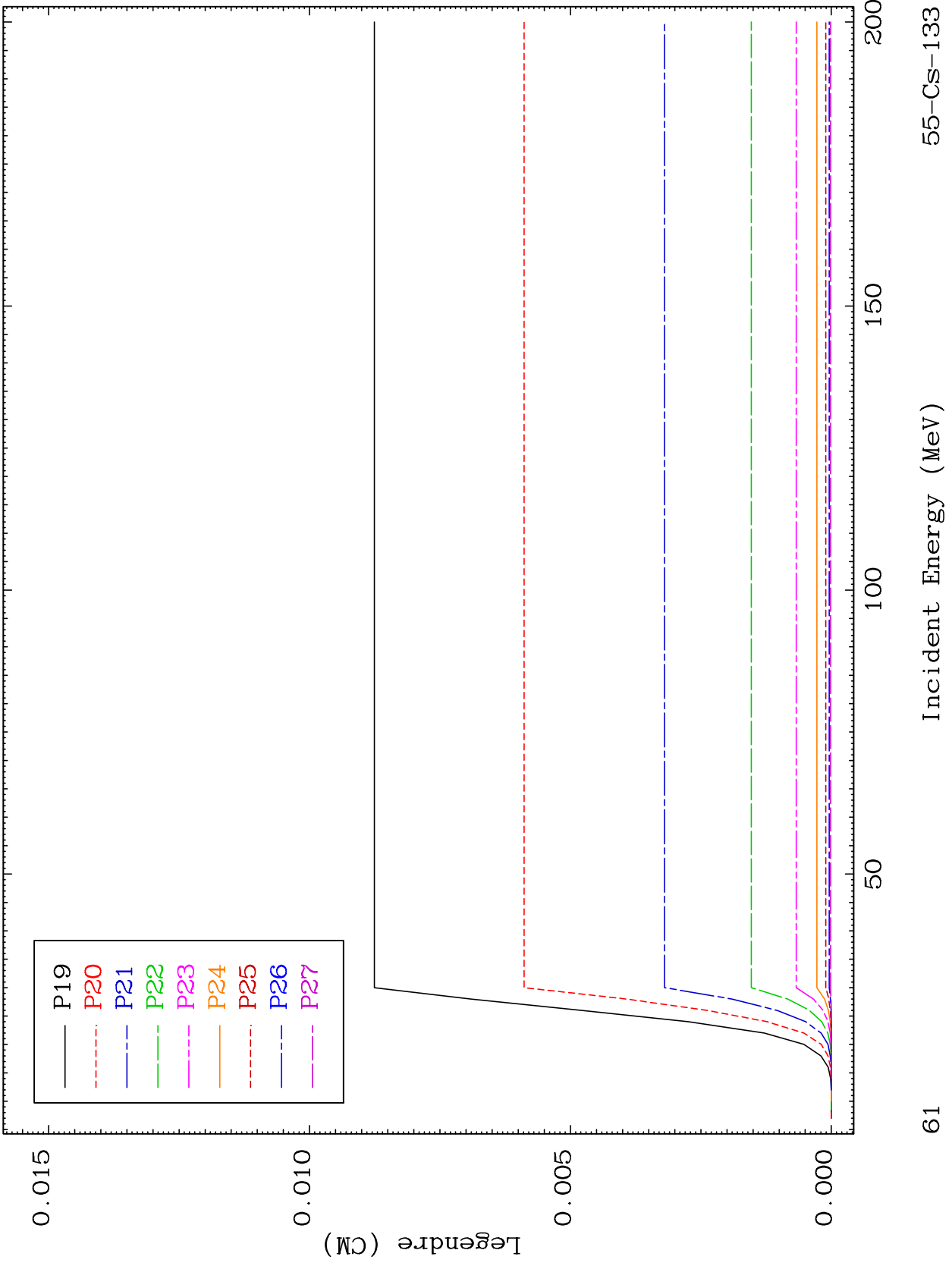
Incident Energy (MeV)

60

MAT 5525

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

55-Cs-133



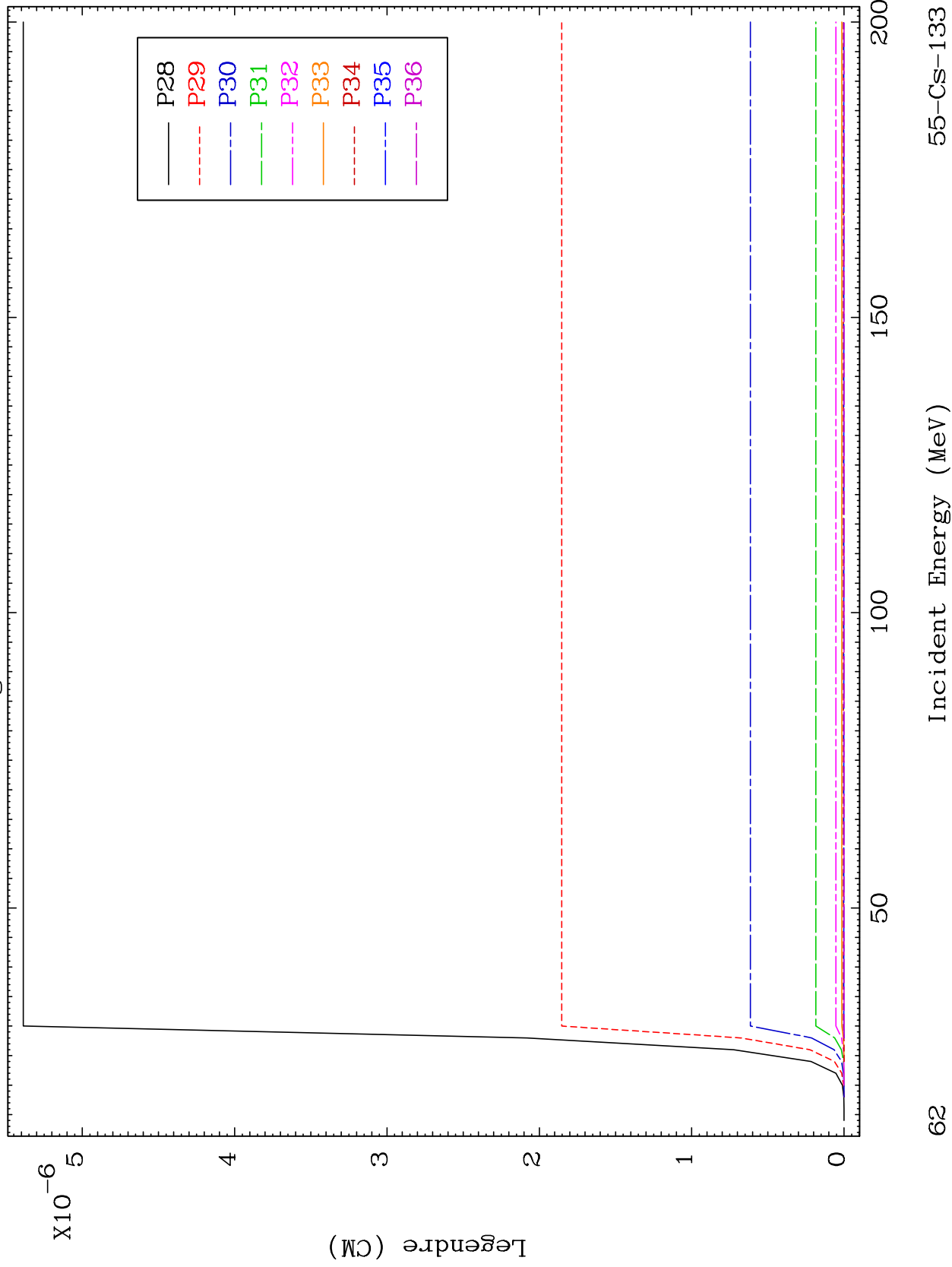
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55-Cs-133

MAT 5525

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

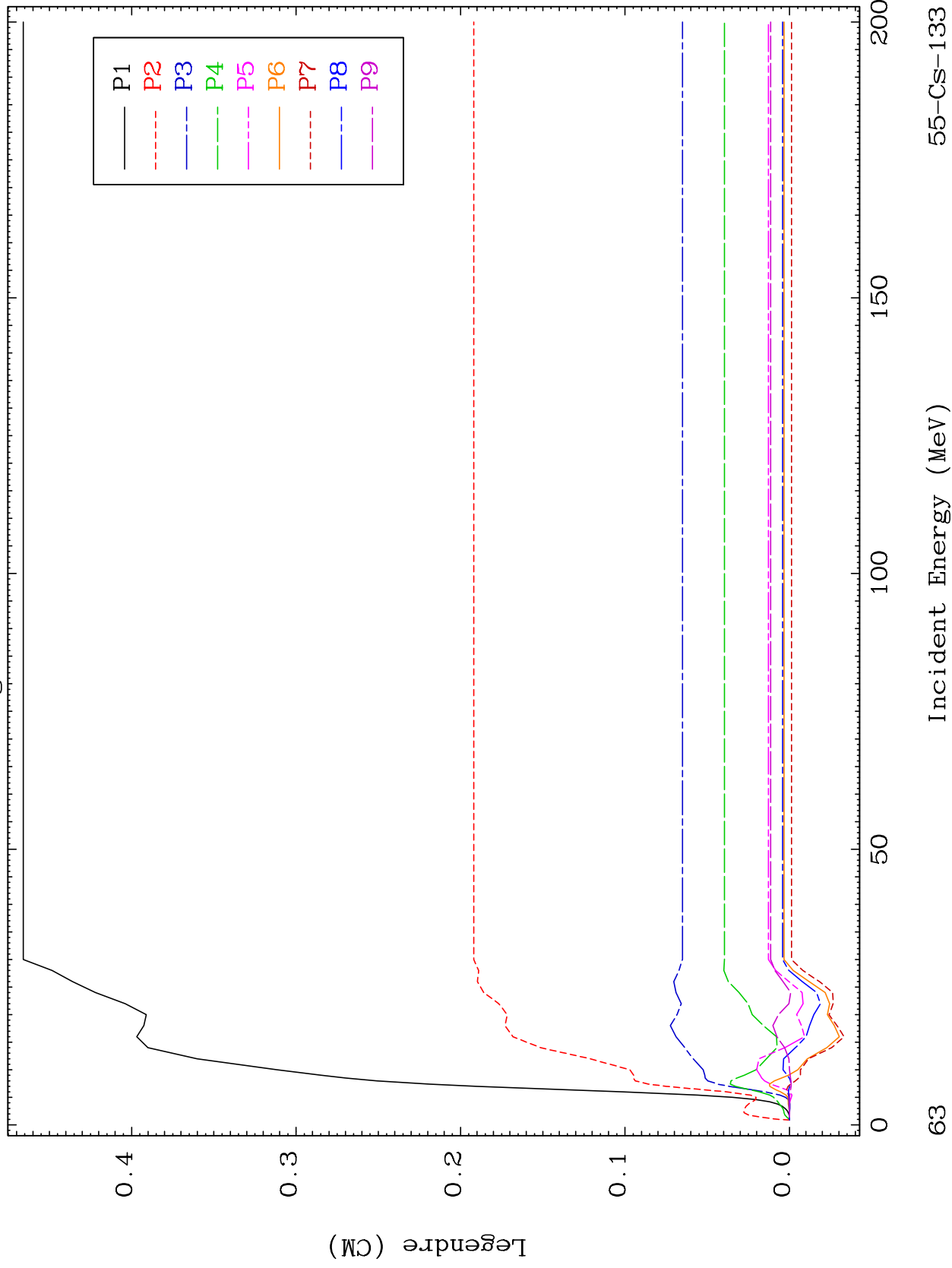
55-Cs-133



MAT 5525

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

55-Cs-133



55-Cs-133

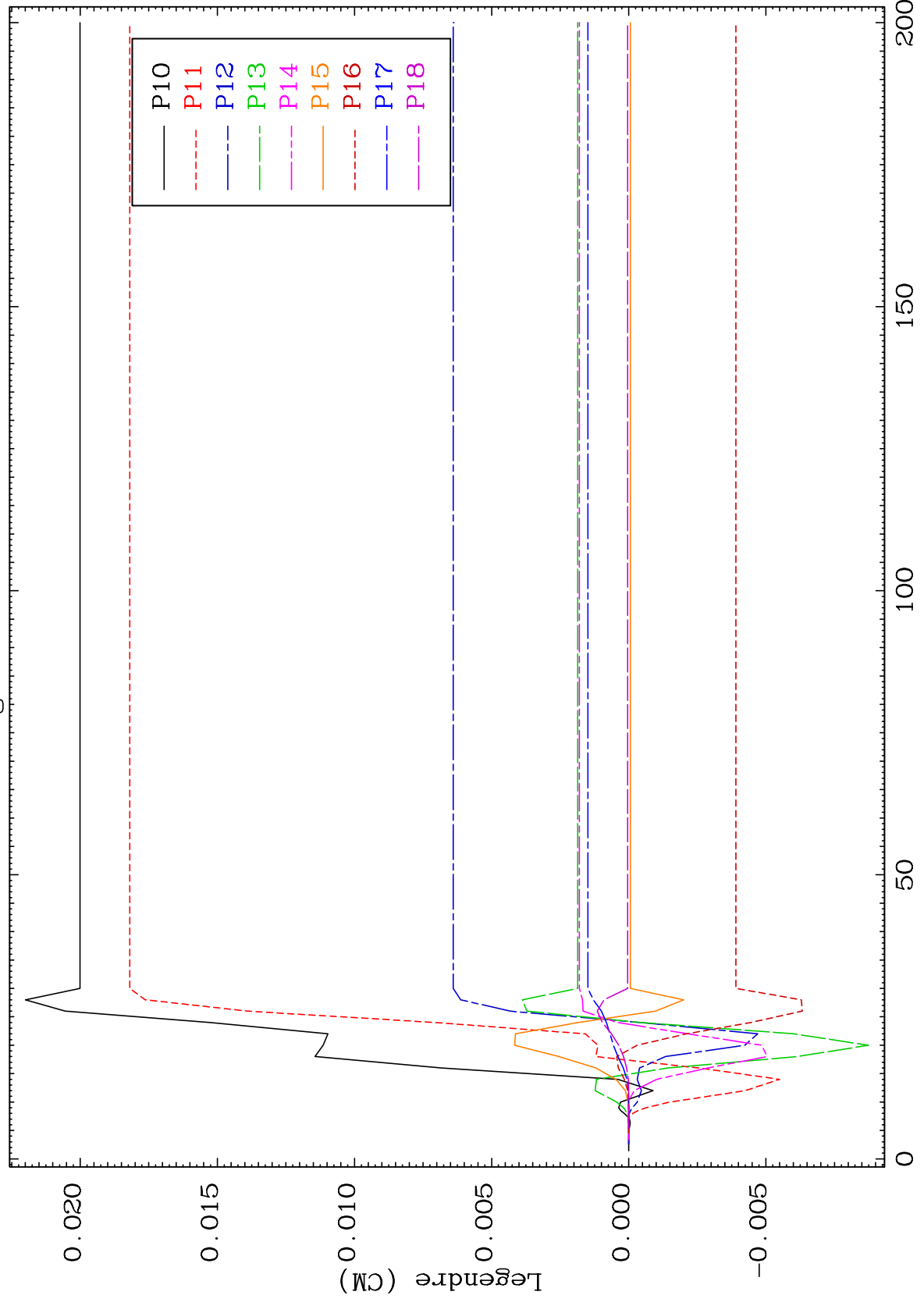
Incident Energy (MeV)

63

MAT 5525

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

55-Cs-133



64

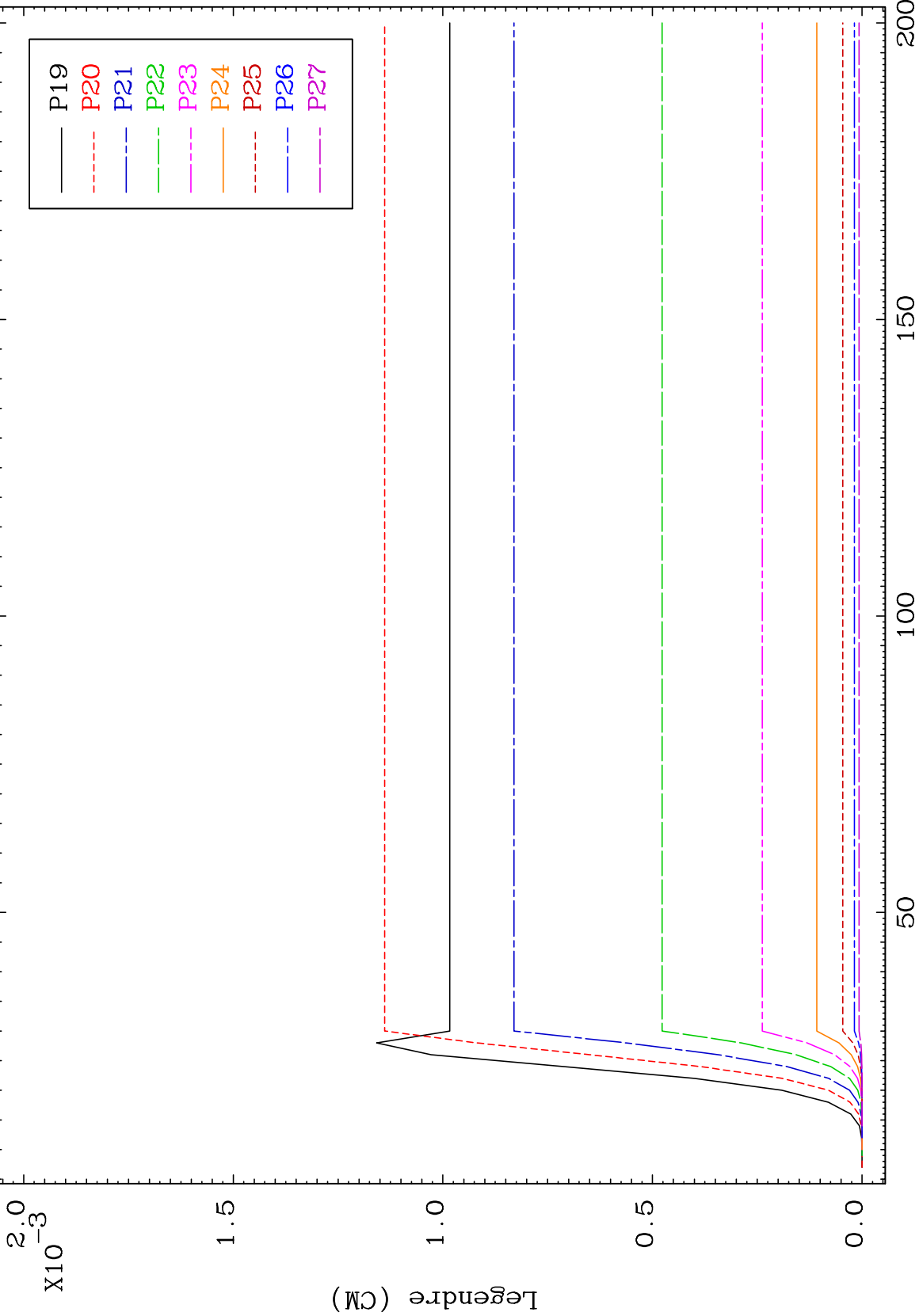
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



65

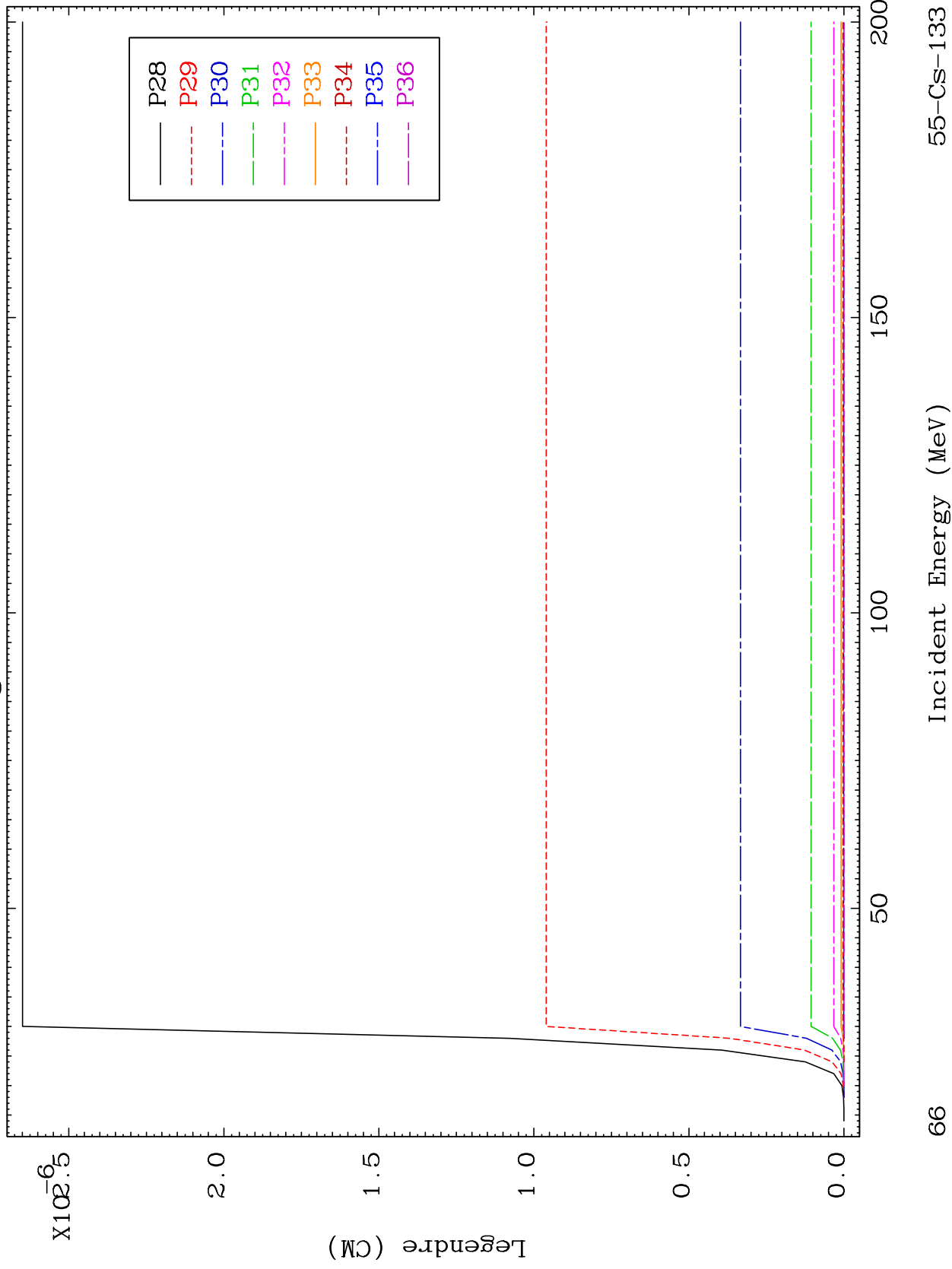
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



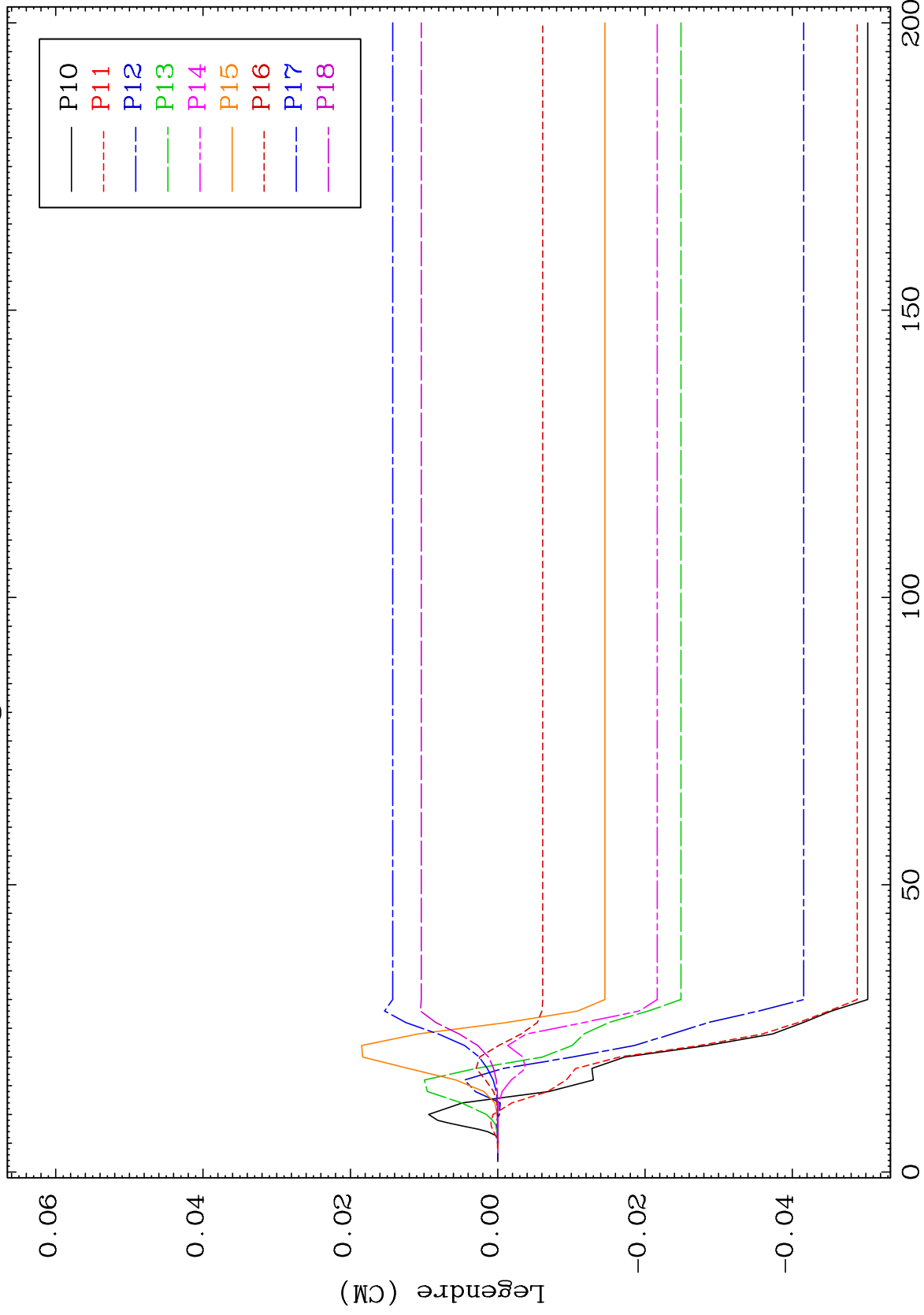
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55-Cs-133

MAT 5525

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

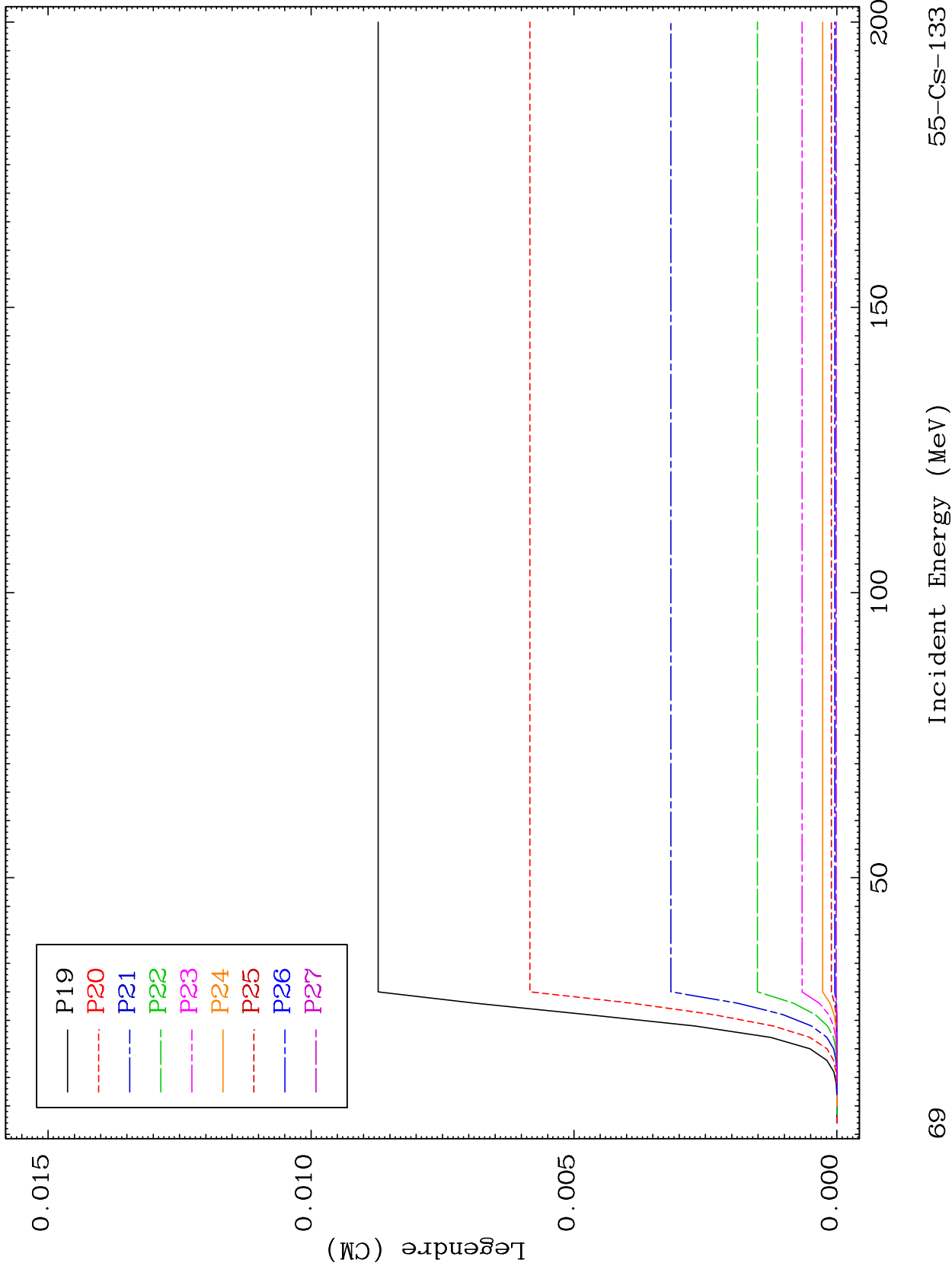
55-Cs-133



68

Incident Energy (MeV)

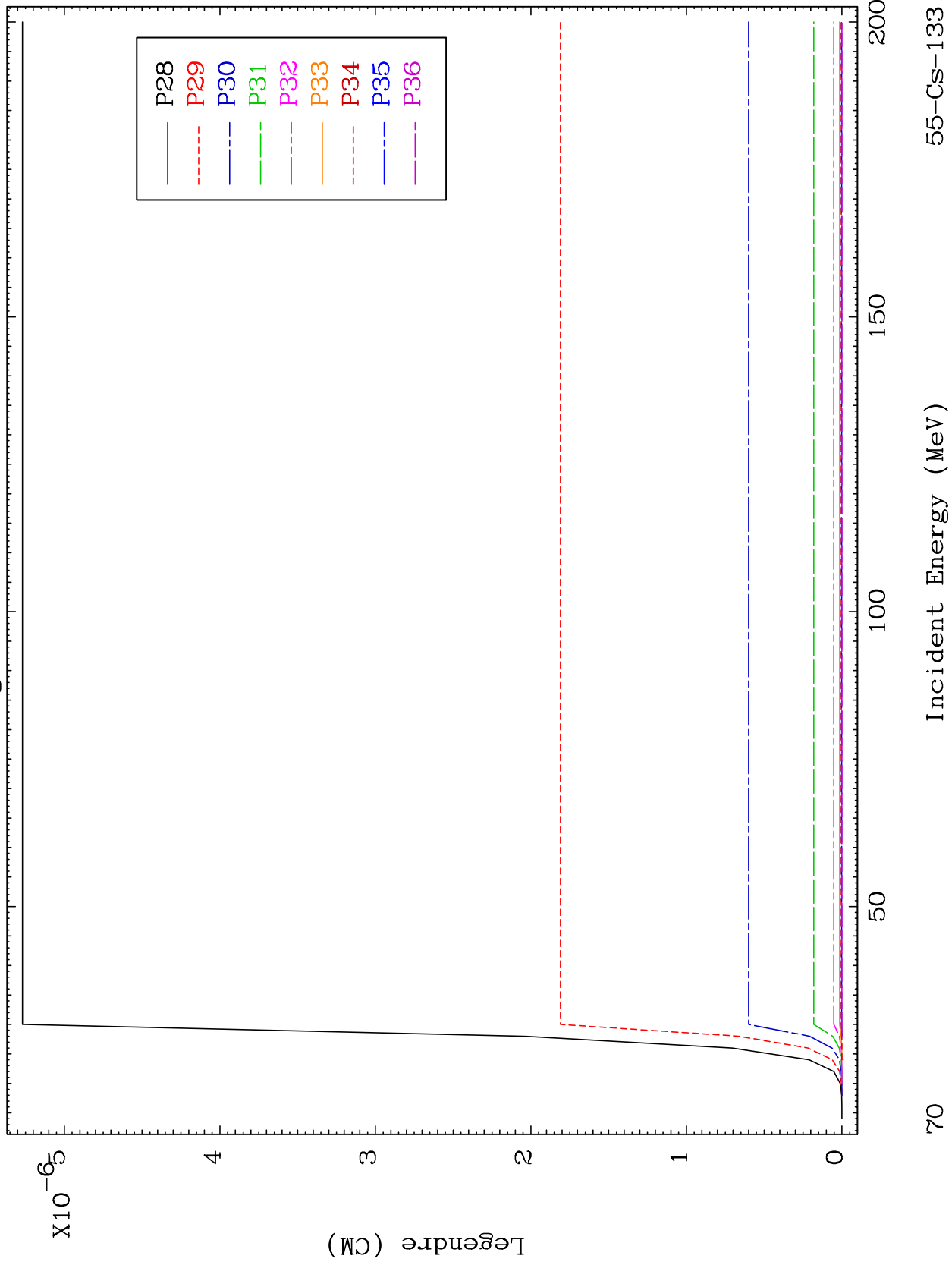
55-Cs-133



MAT 5525

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

55-Cs-133



70

Incident Energy (MeV)

55-Cs-133

200

150

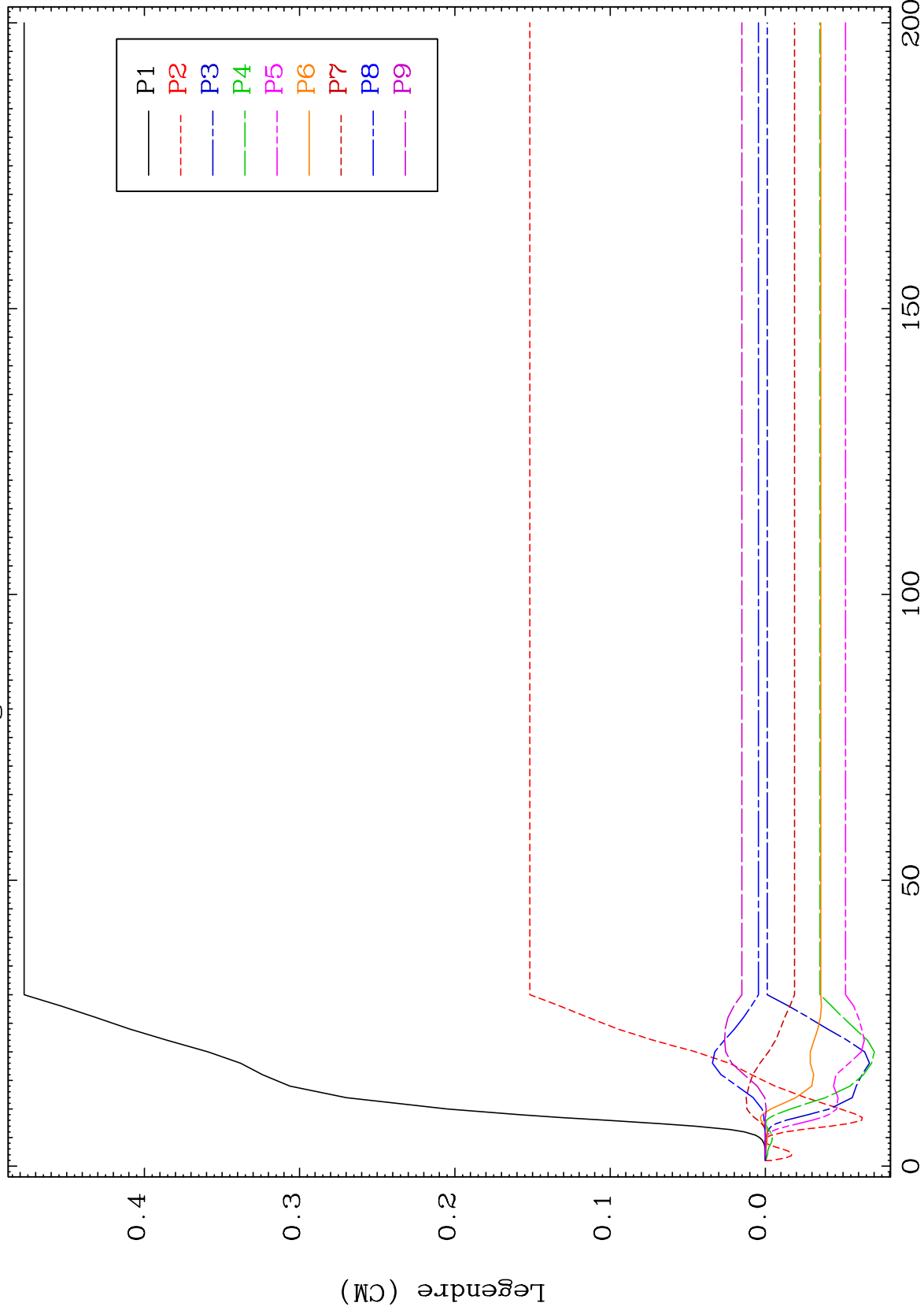
100

50

MAT 5525

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

55-Cs-133



71

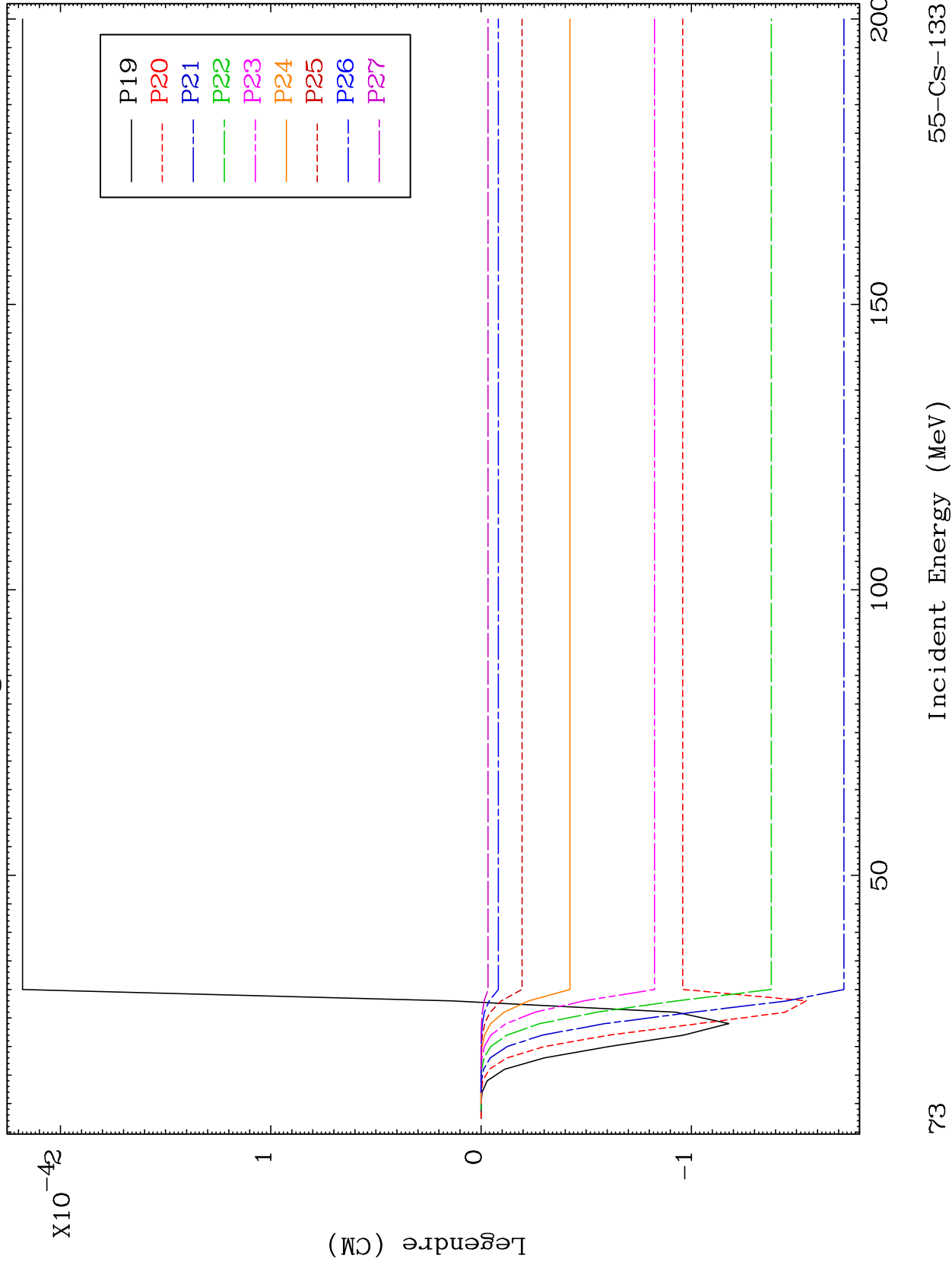
Incident Energy (MeV)

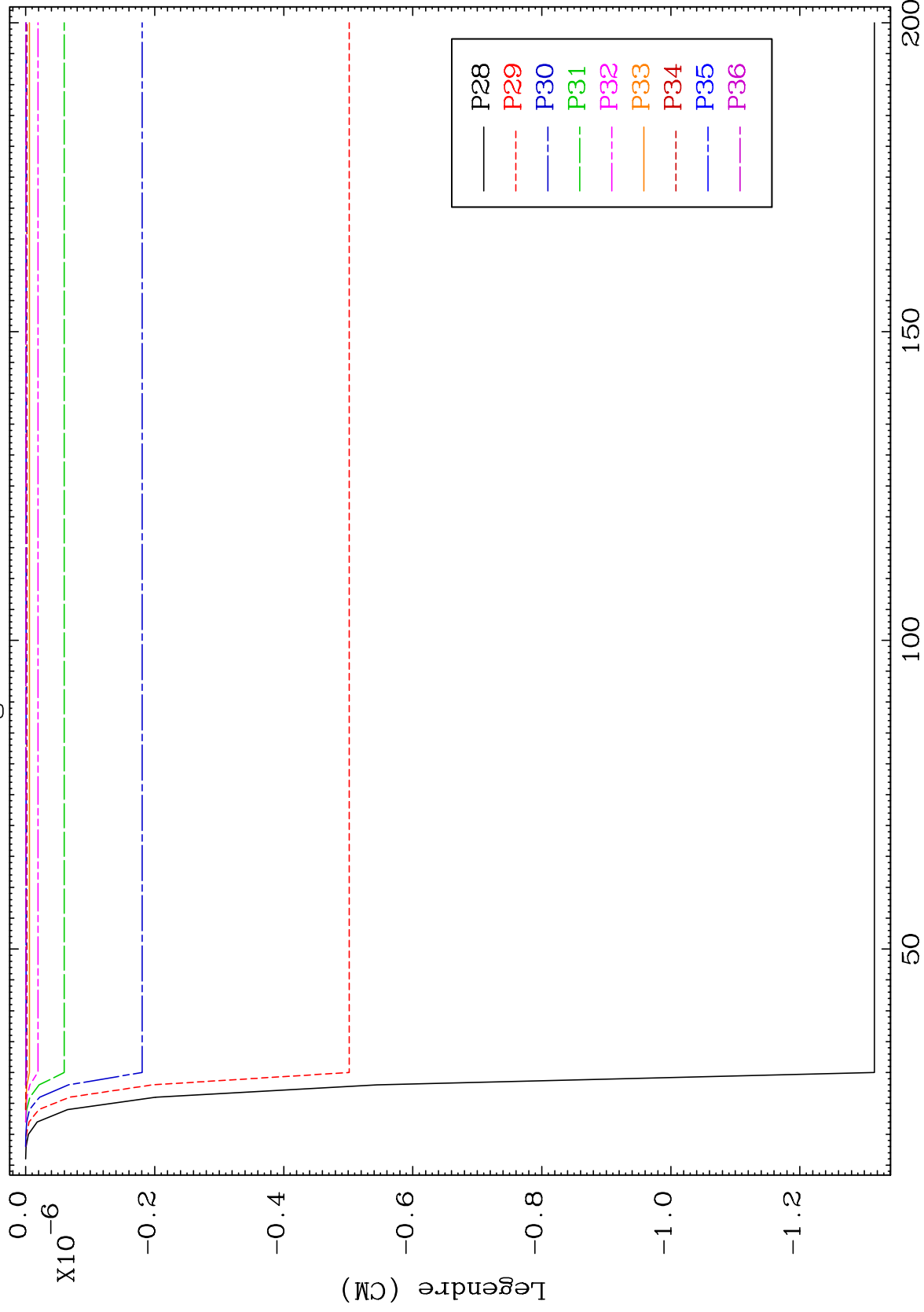
55-Cs-133

MAT 5525

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

55-Cs-133



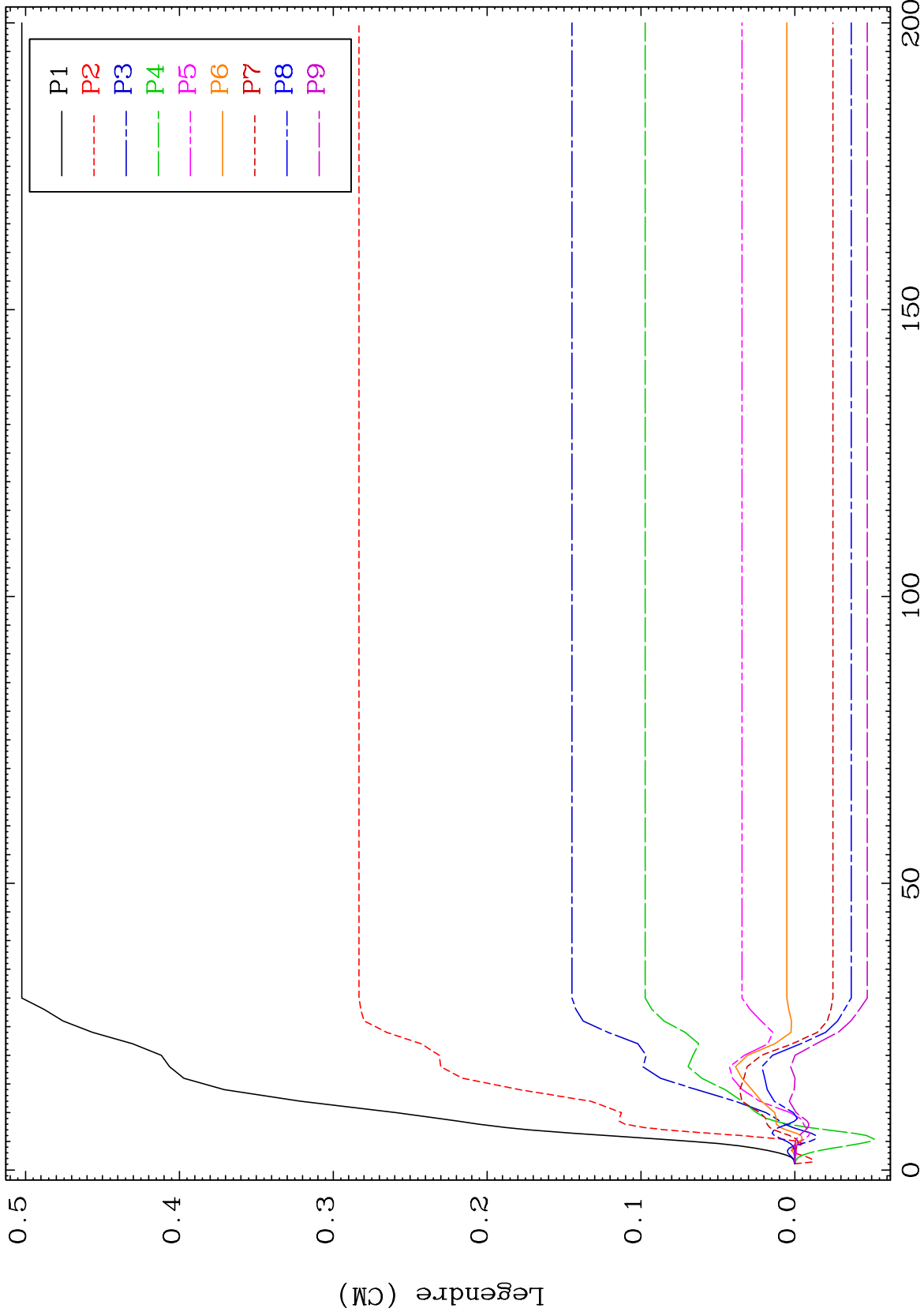


MAT 5525

MT= 65 (n,n') Level

55-Cs-133

Legendre Coefficients



55-Cs-133

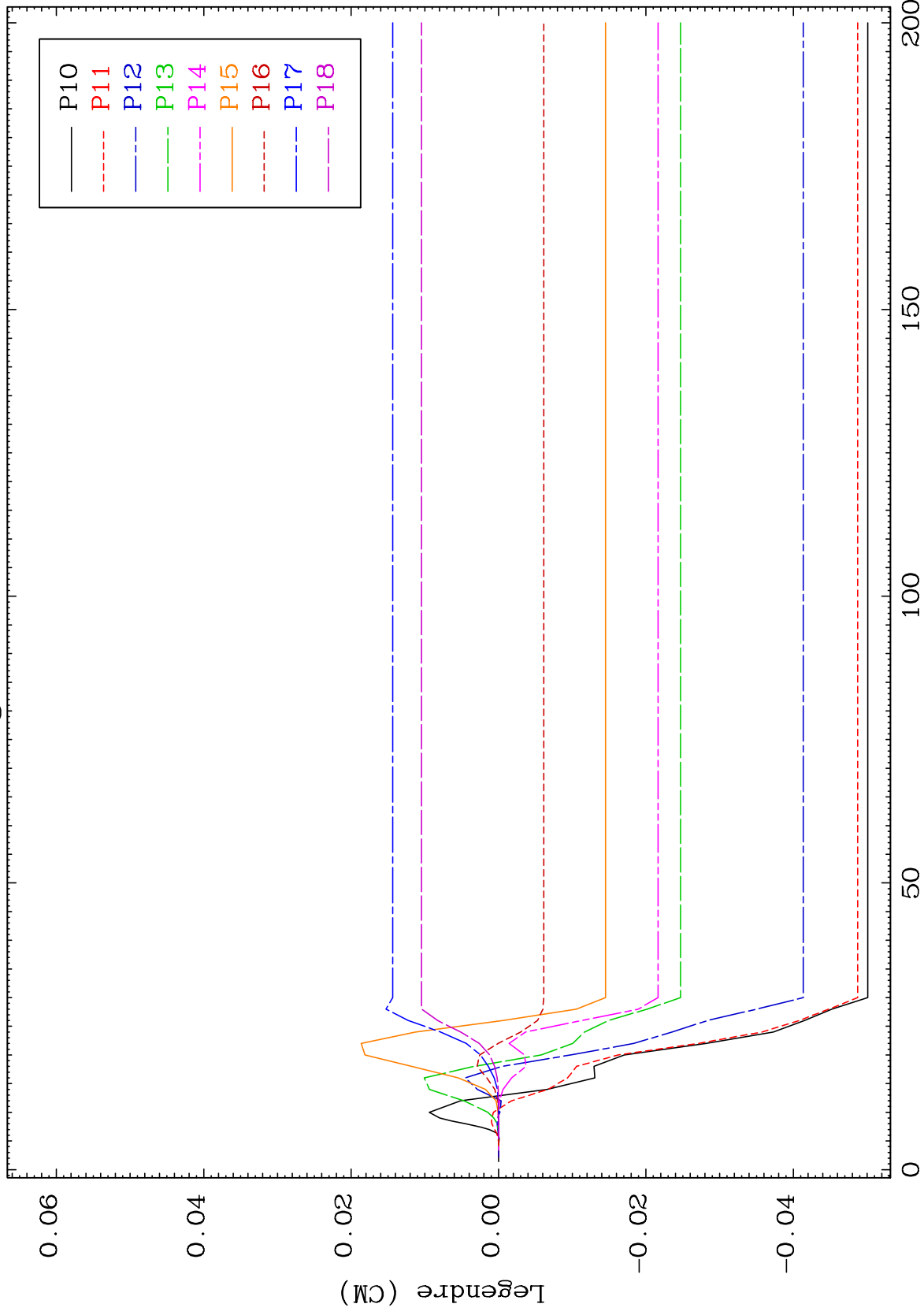
Incident Energy (MeV)

75

MAT 5525

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

55-Cs-133



76

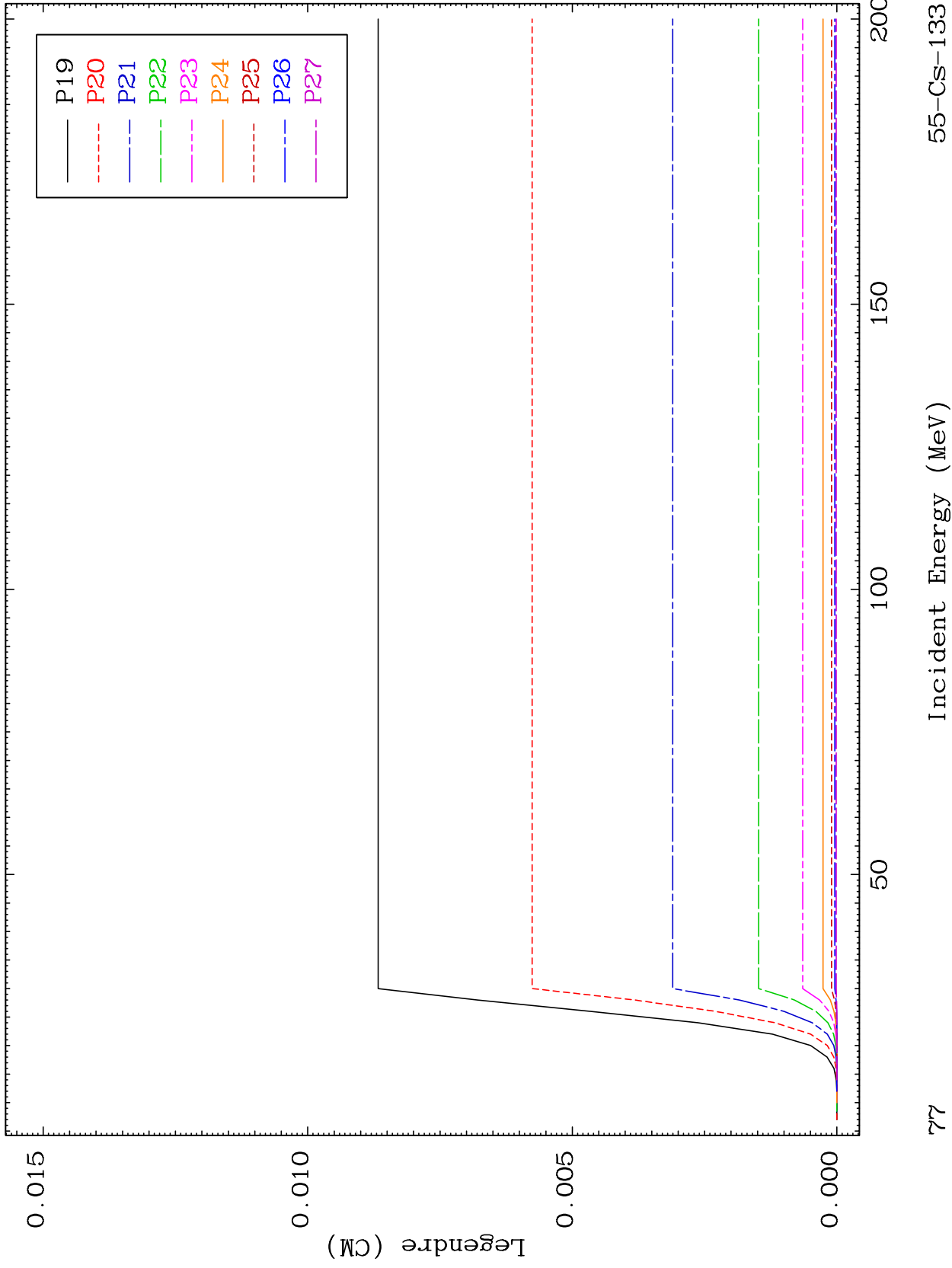
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



77

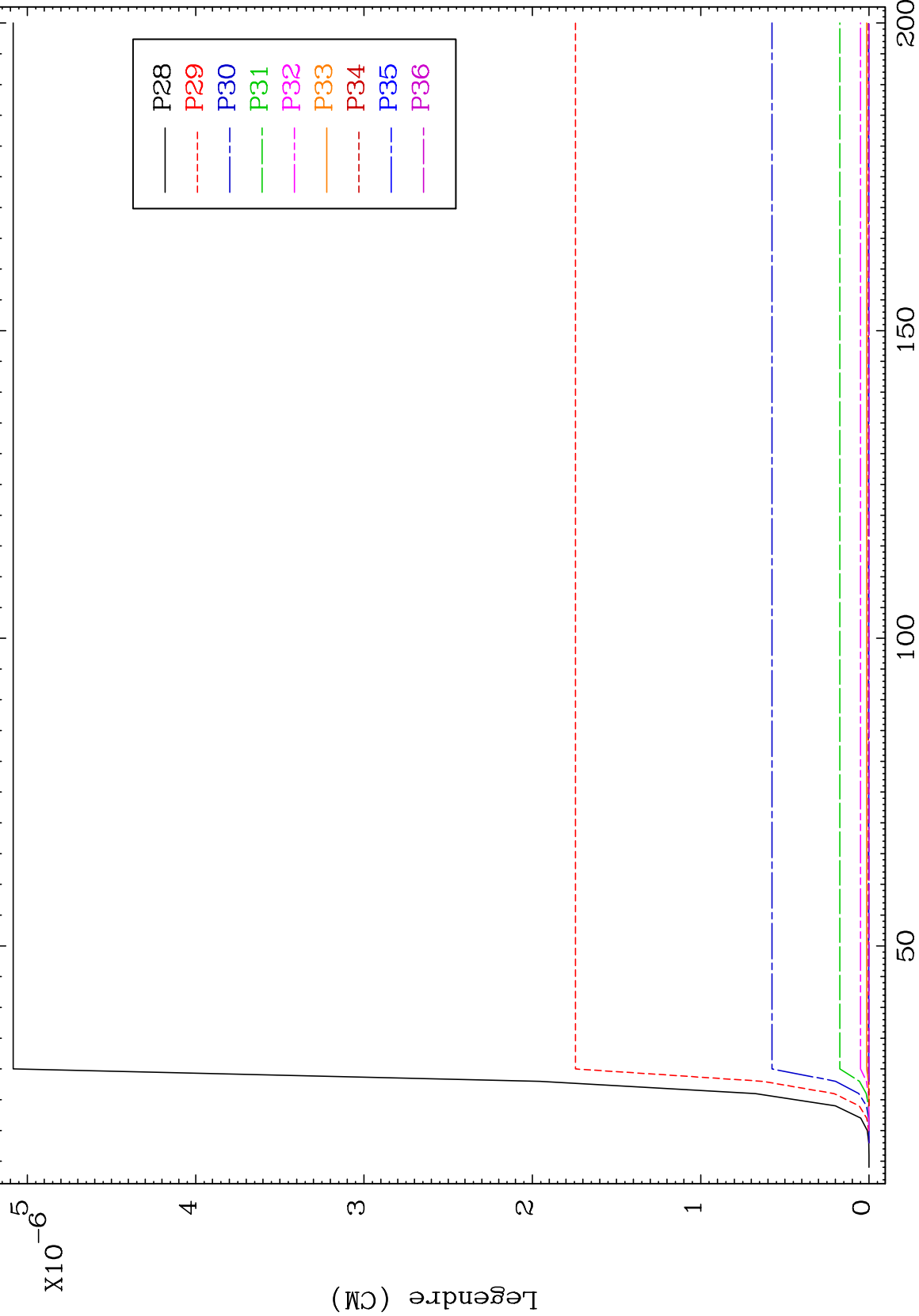
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



78

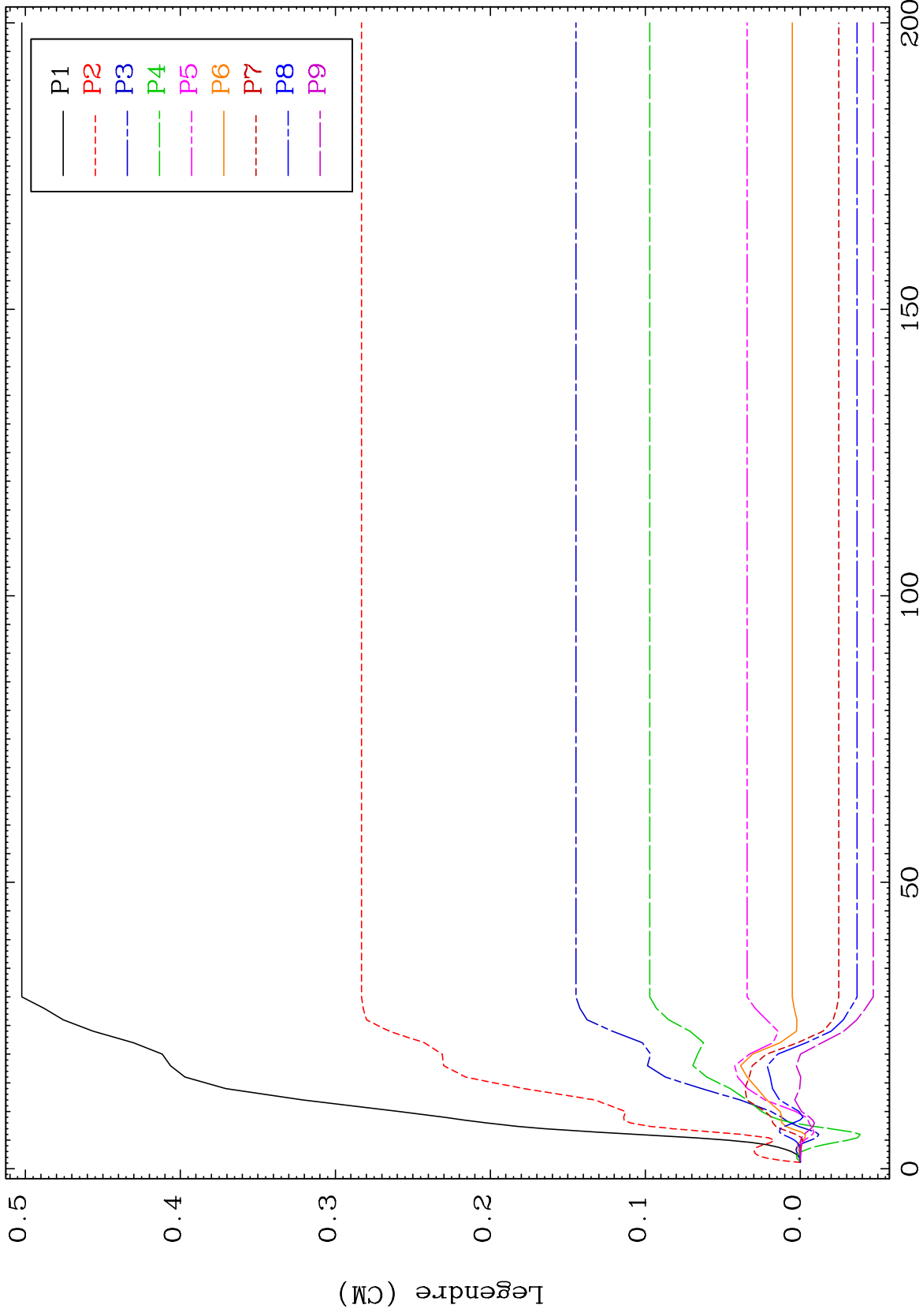
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

55-Cs-133



79

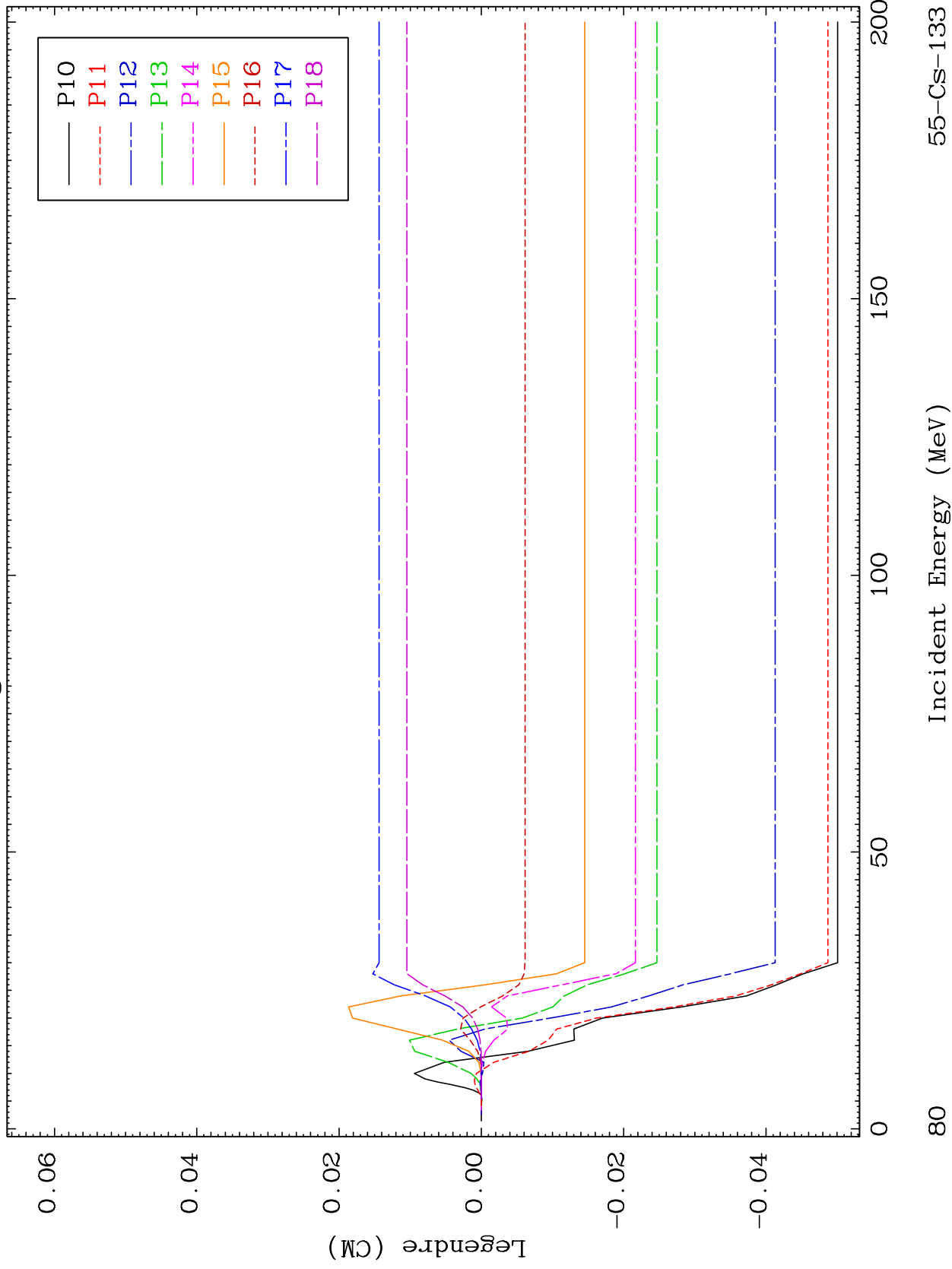
Incident Energy (MeV)

55-Cs-133

MAT 5525

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

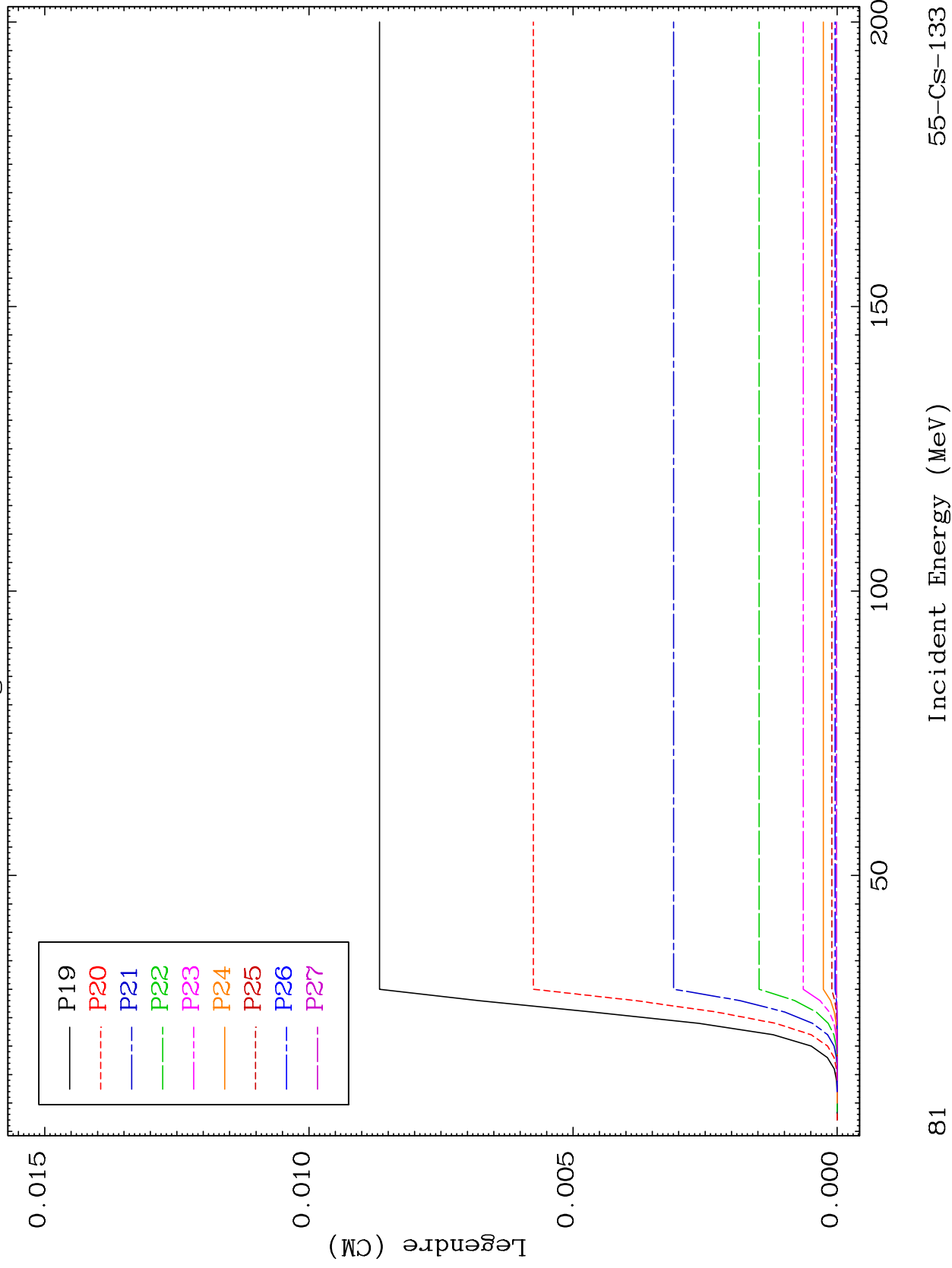
55-Cs-133



55-Cs-133

Incident Energy (MeV)

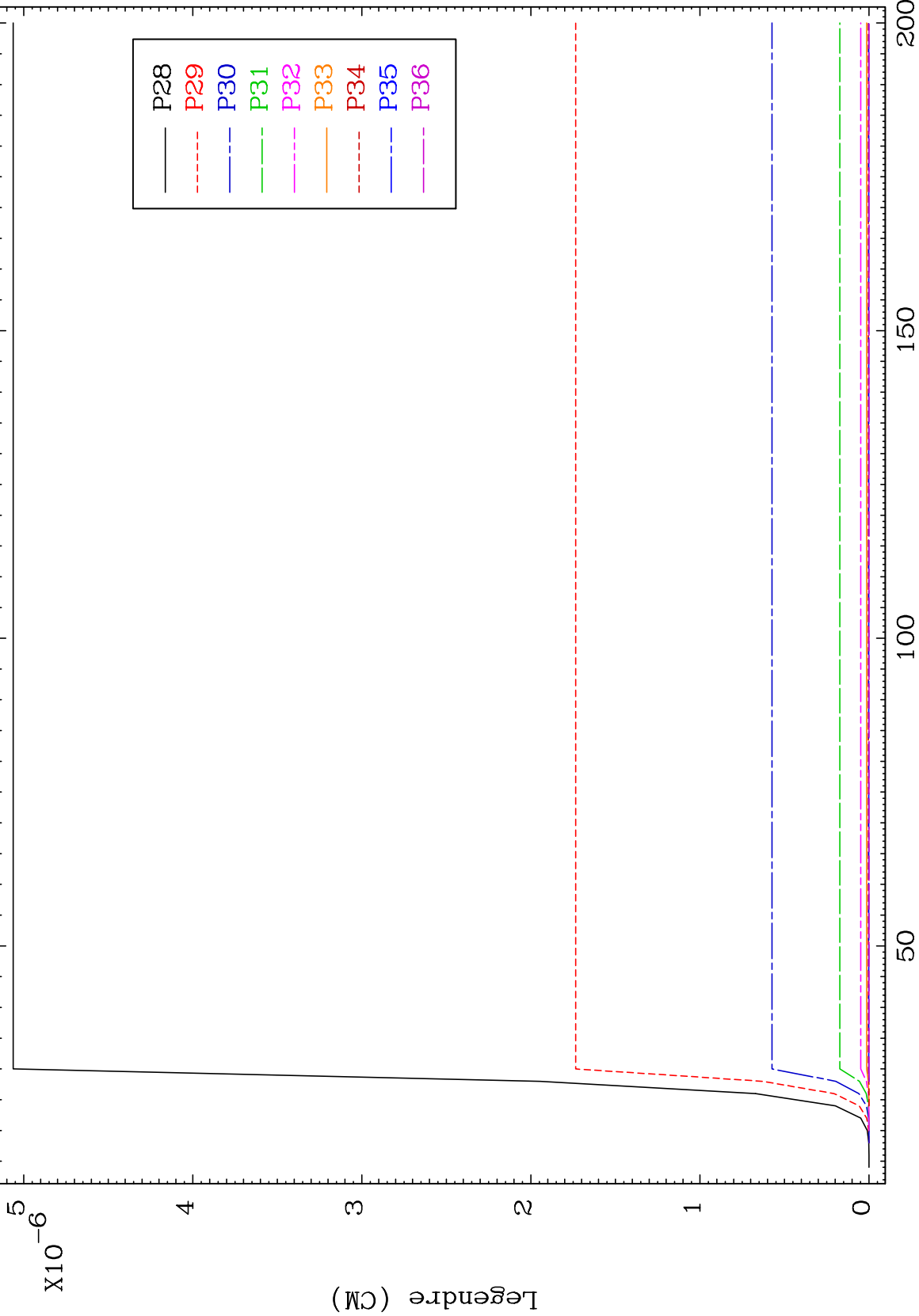
80



MAT 5525

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

55-Cs-133

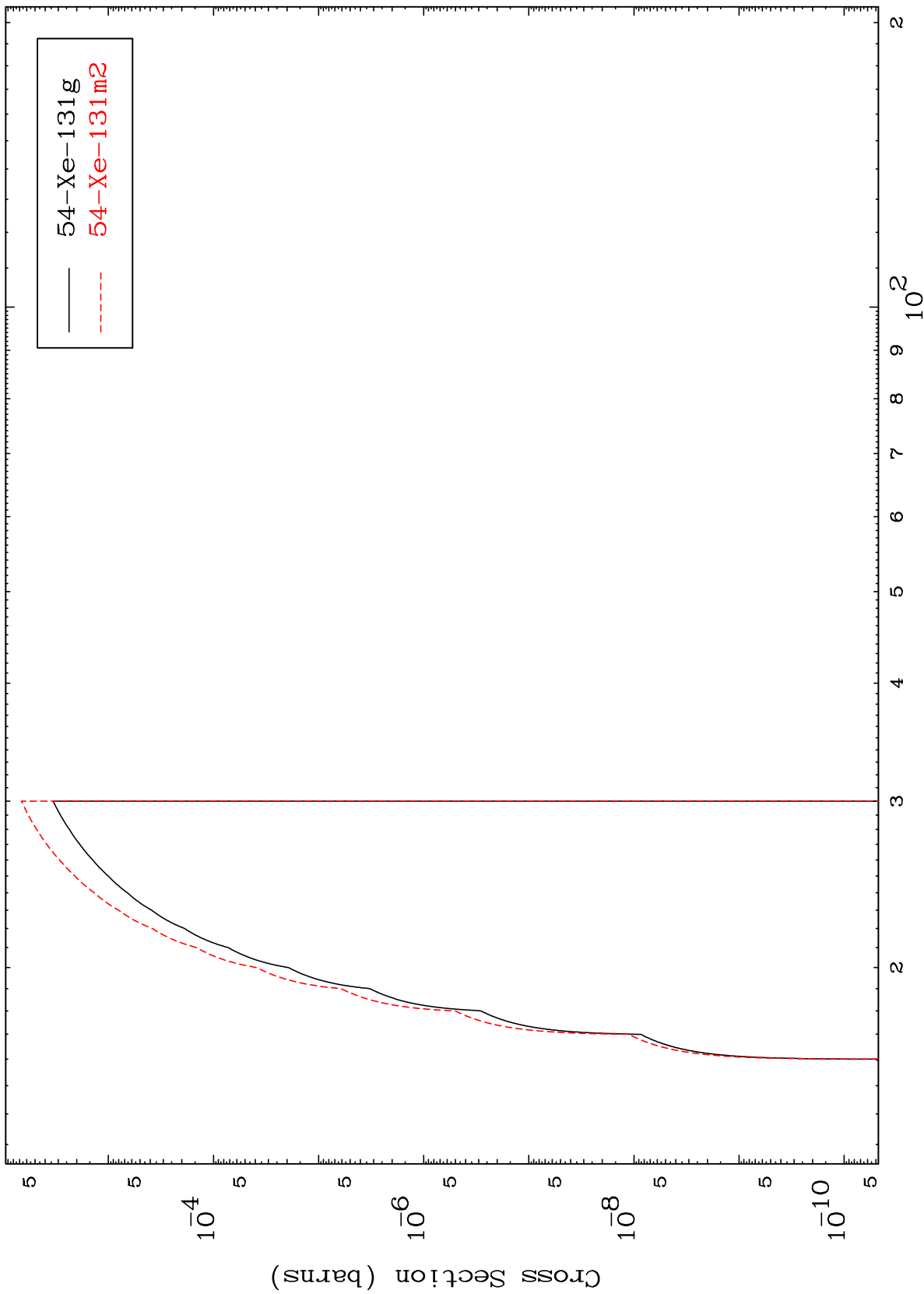


82

55-Cs-133

55-Cs-133

Radionuclide Production Cross Section

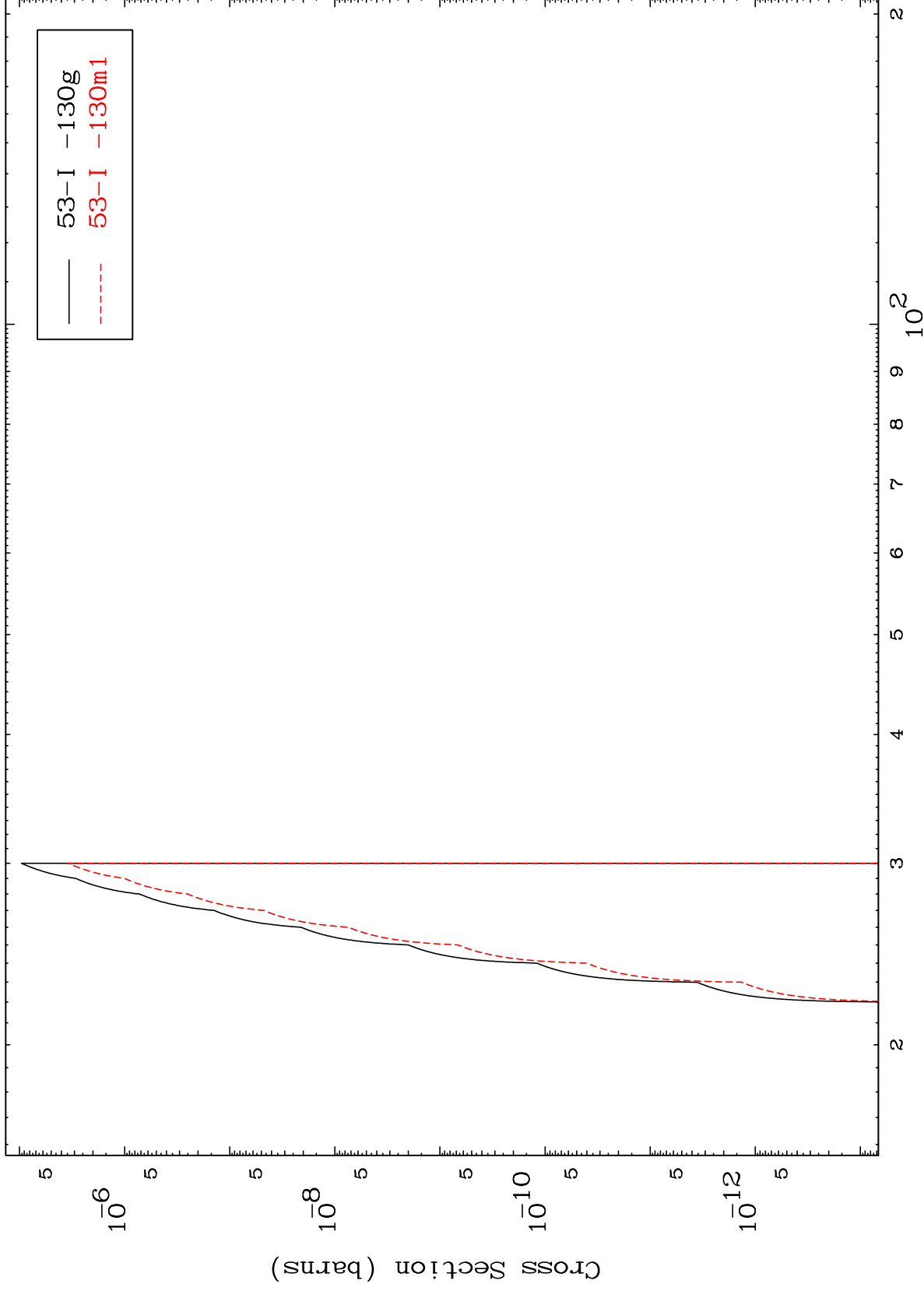


MAT 5525

(n,n') He-3

55-Cs-133

Radionuclide Production Cross Section



84

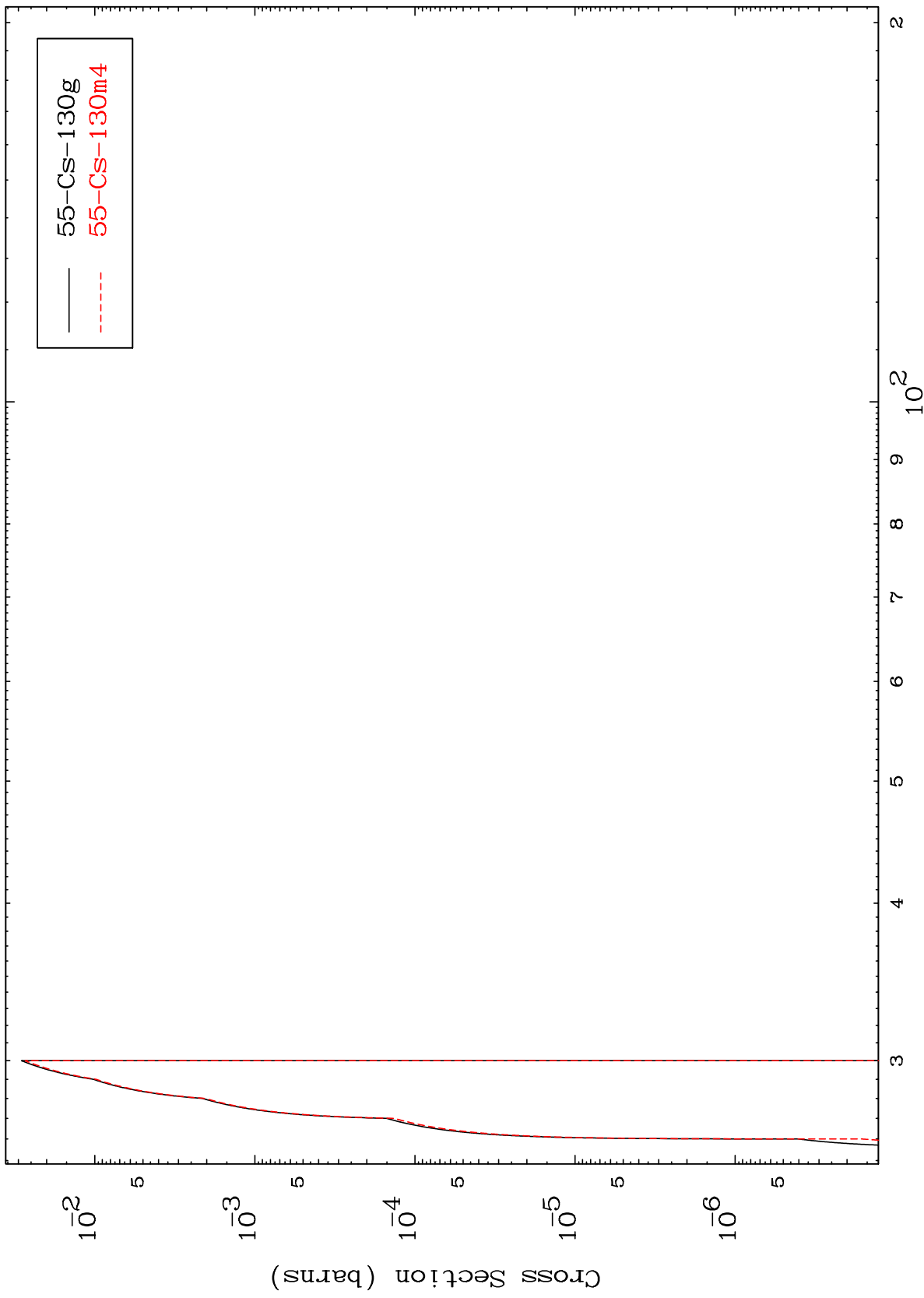
Incident Energy (MeV)

55-Cs-133

MAT 5525

55-Cs-133

(n,4n)
Radionuclide Production Cross Section

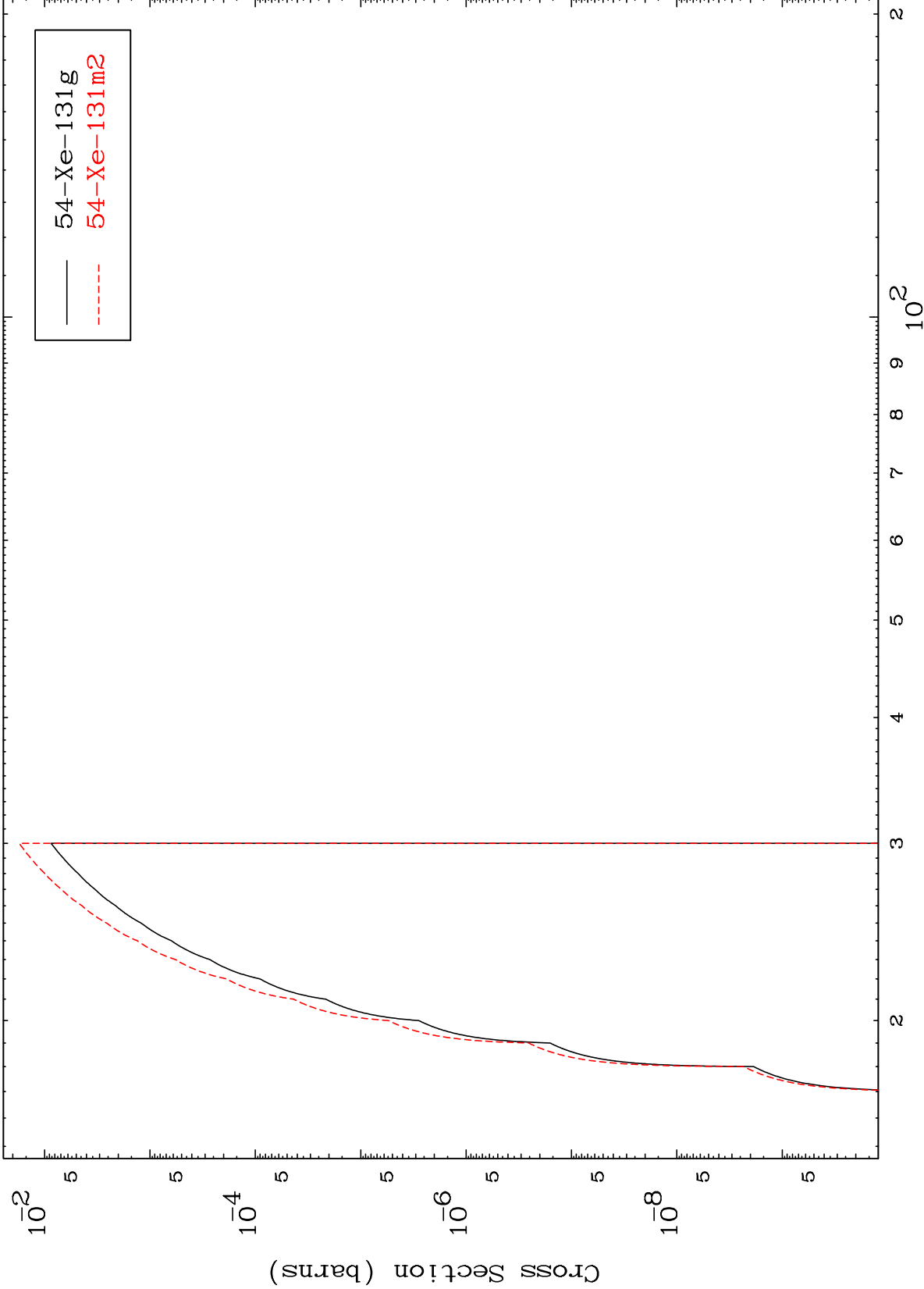


85

55-Cs-133

Incident Energy (MeV)

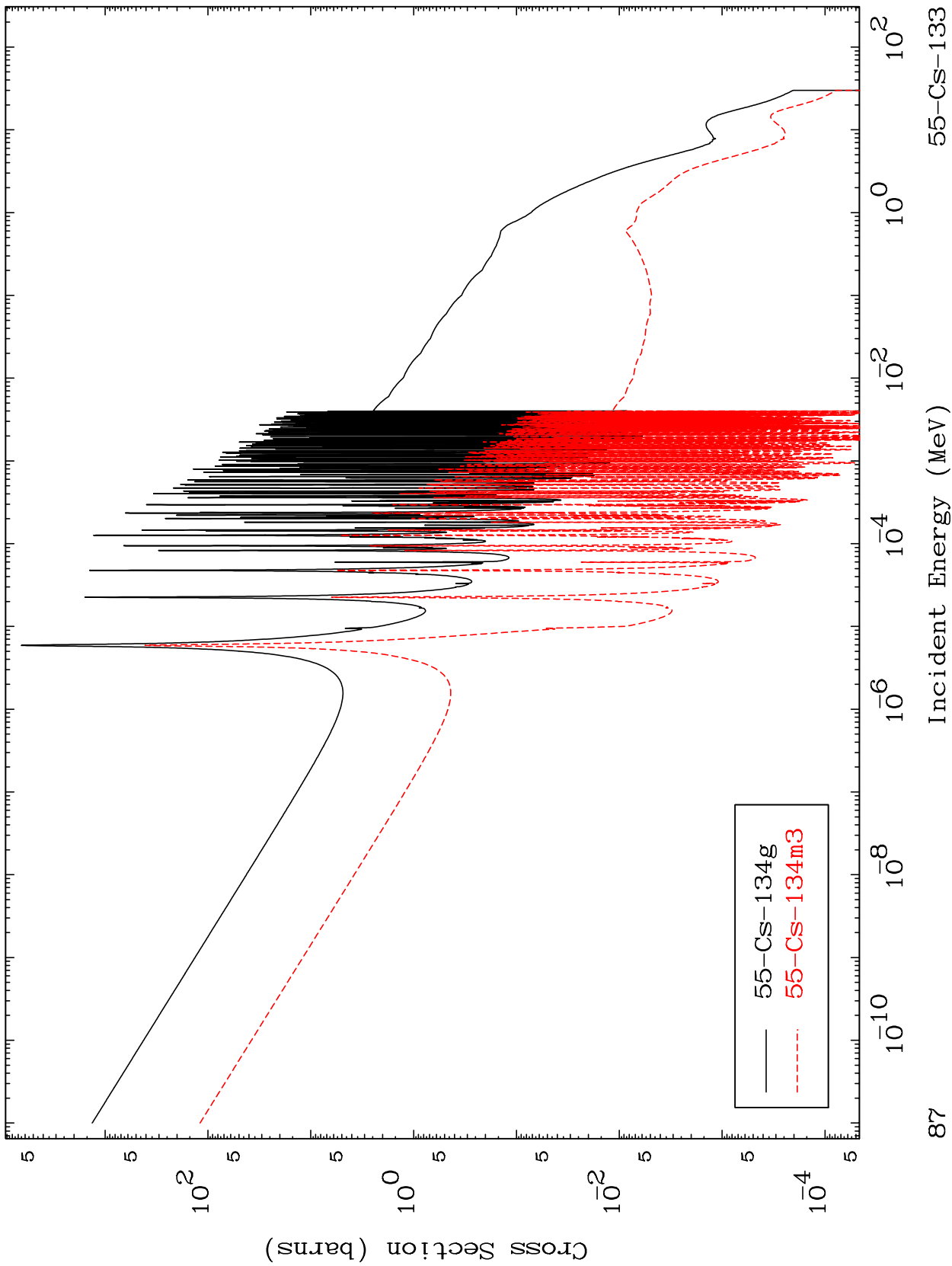
Radionuclide Production Cross Section



MAT 5525

55-Cs-133

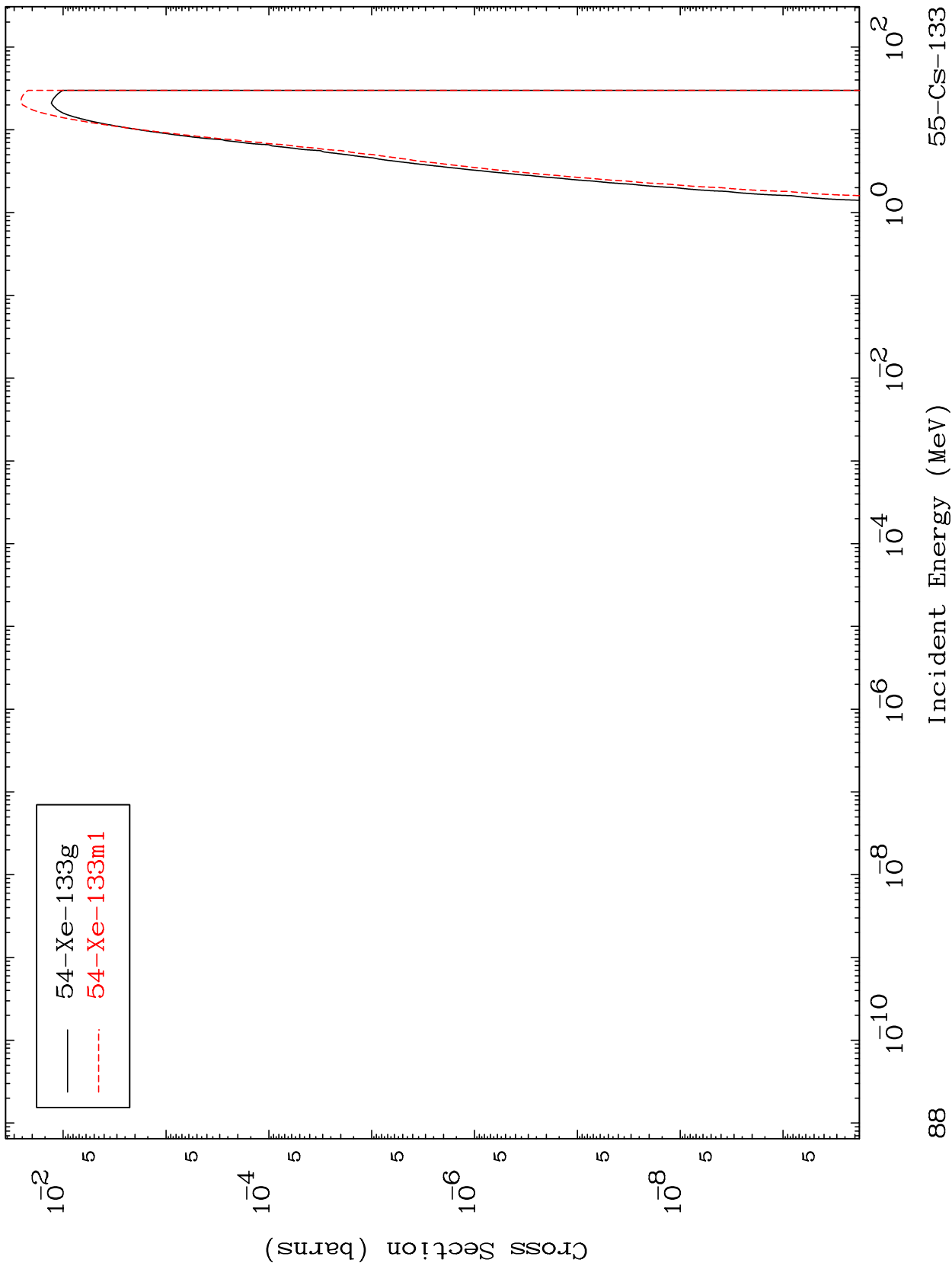
(n, γ)
Radionuclide Production Cross Section



MAT 5525

55-Cs-133

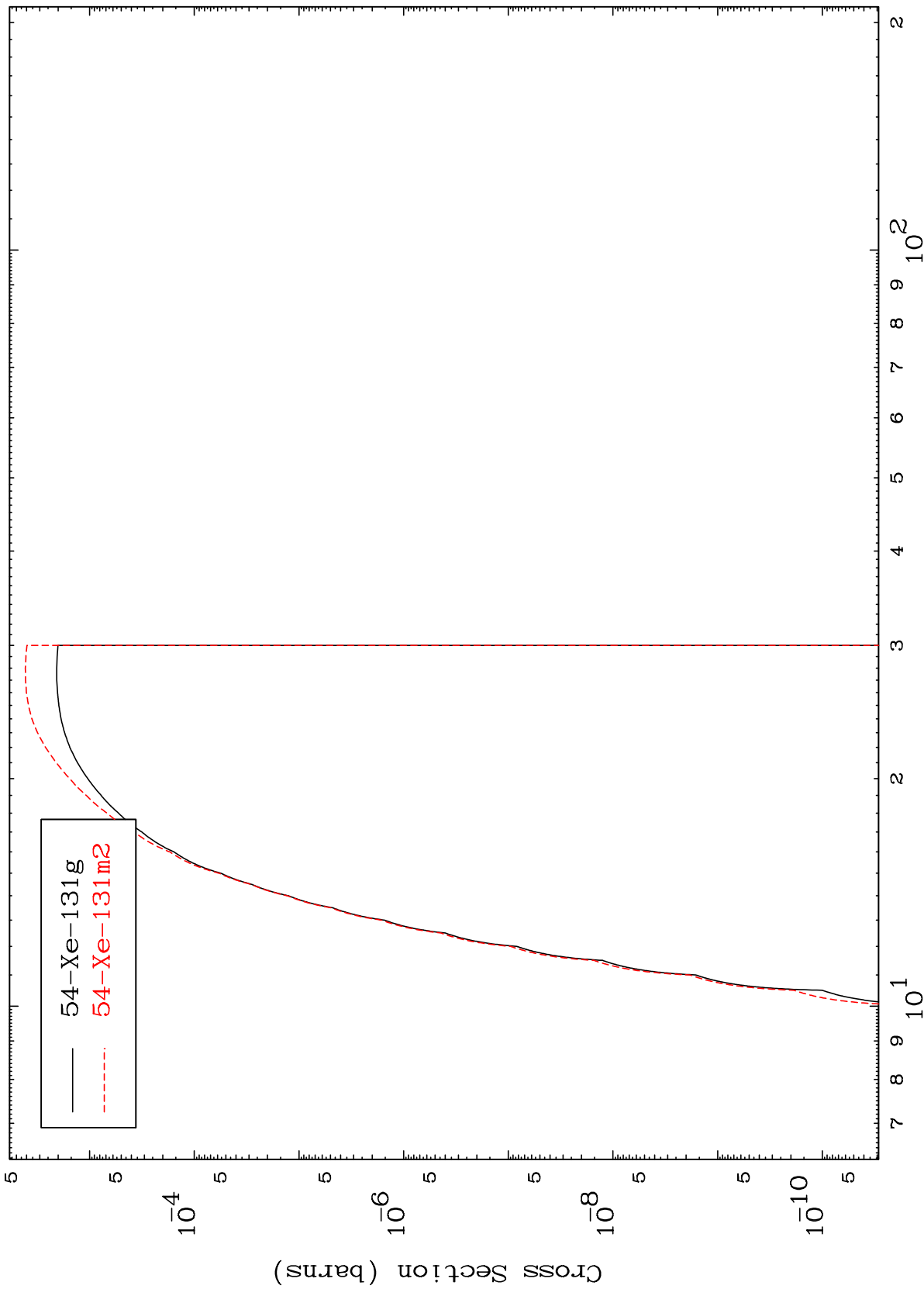
(n,p)
Radionuclide Production Cross Section



MAT 5525

55-Cs-133

(n, t)
Radionuclide Production Cross Section



89

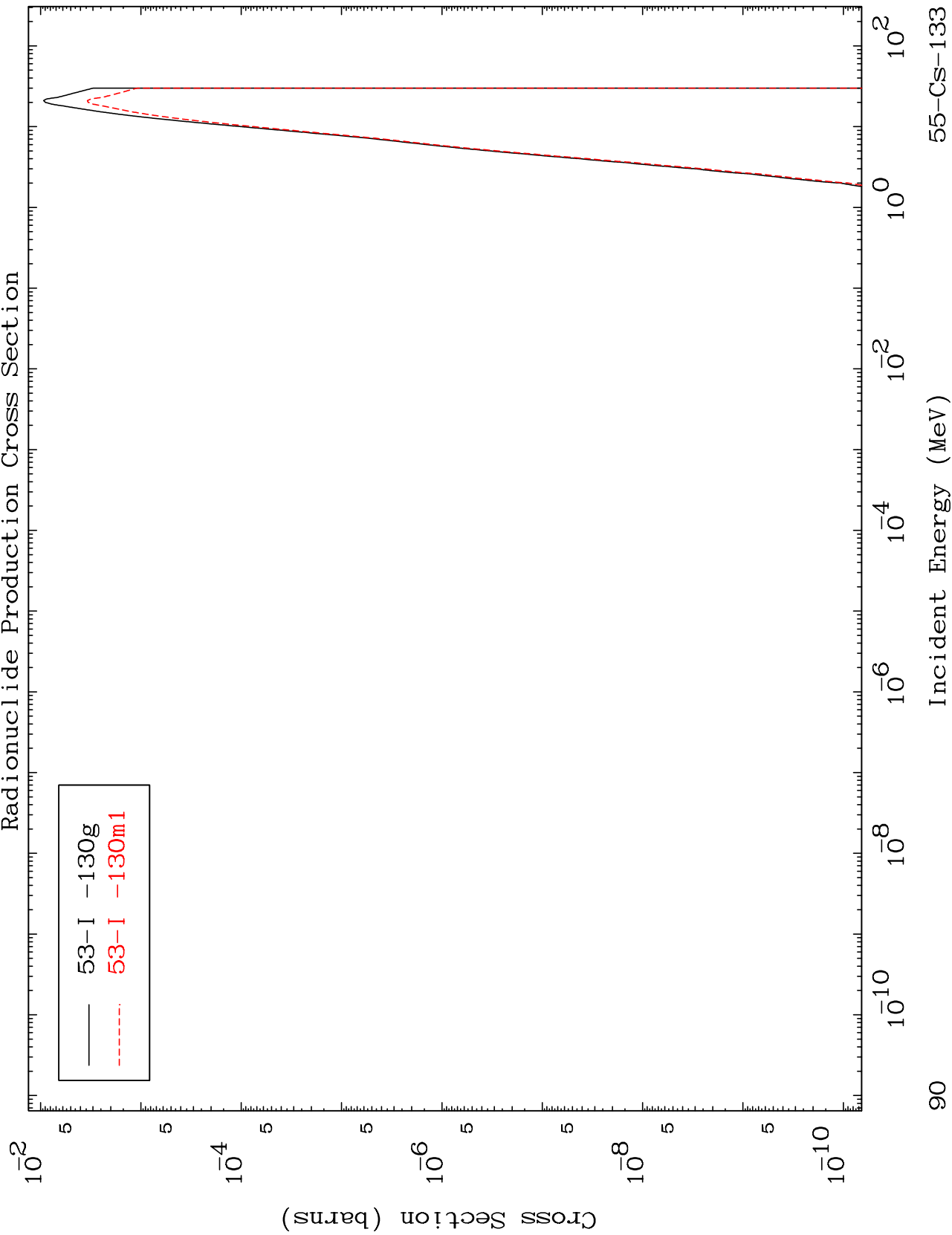
Incident Energy (MeV)

55-Cs-133

MAT 5525

55-Cs-133

(n, α)
Radionuclide Production Cross Section

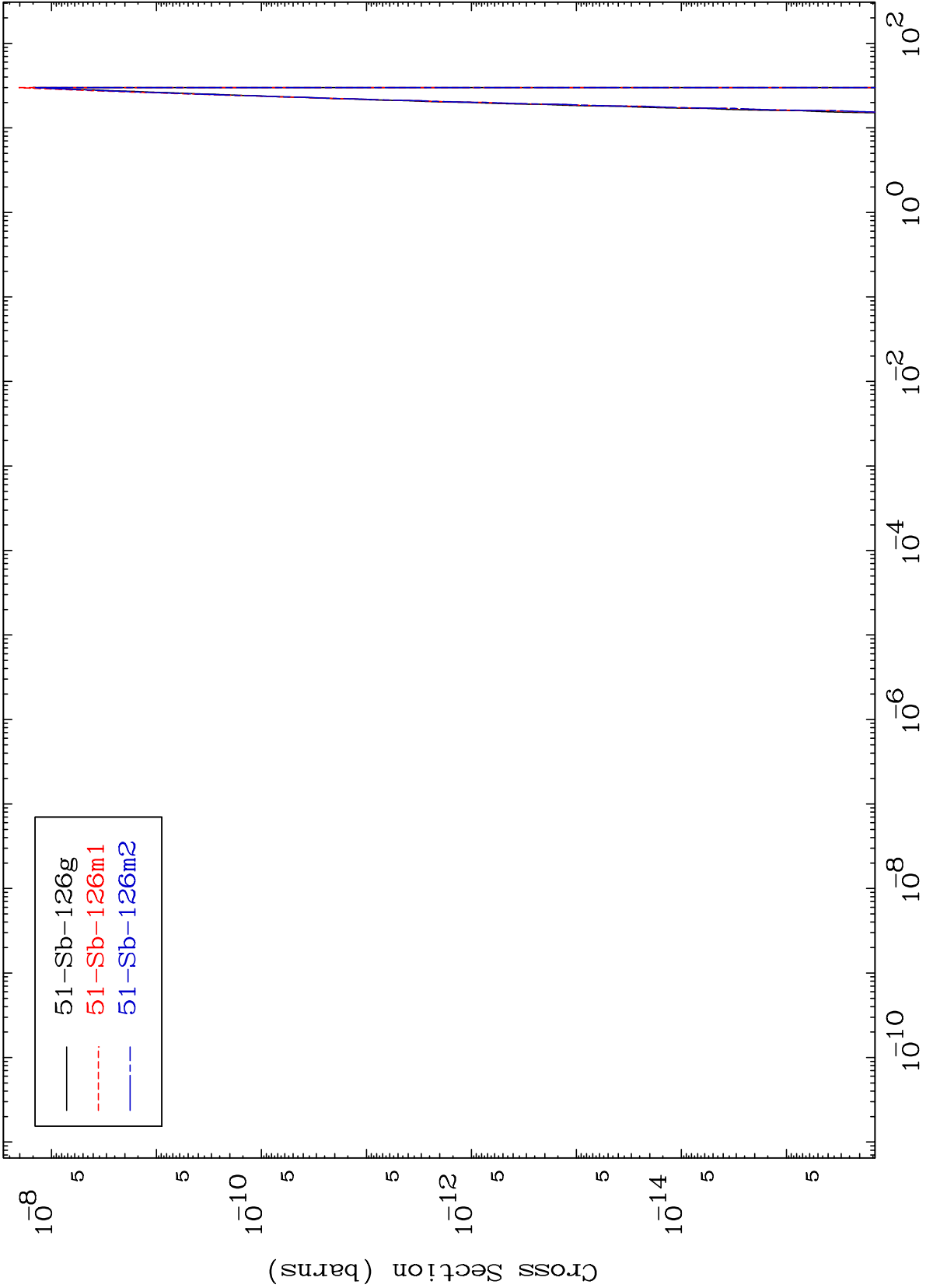


MAT 5525

(n,2α)

55-Cs-133

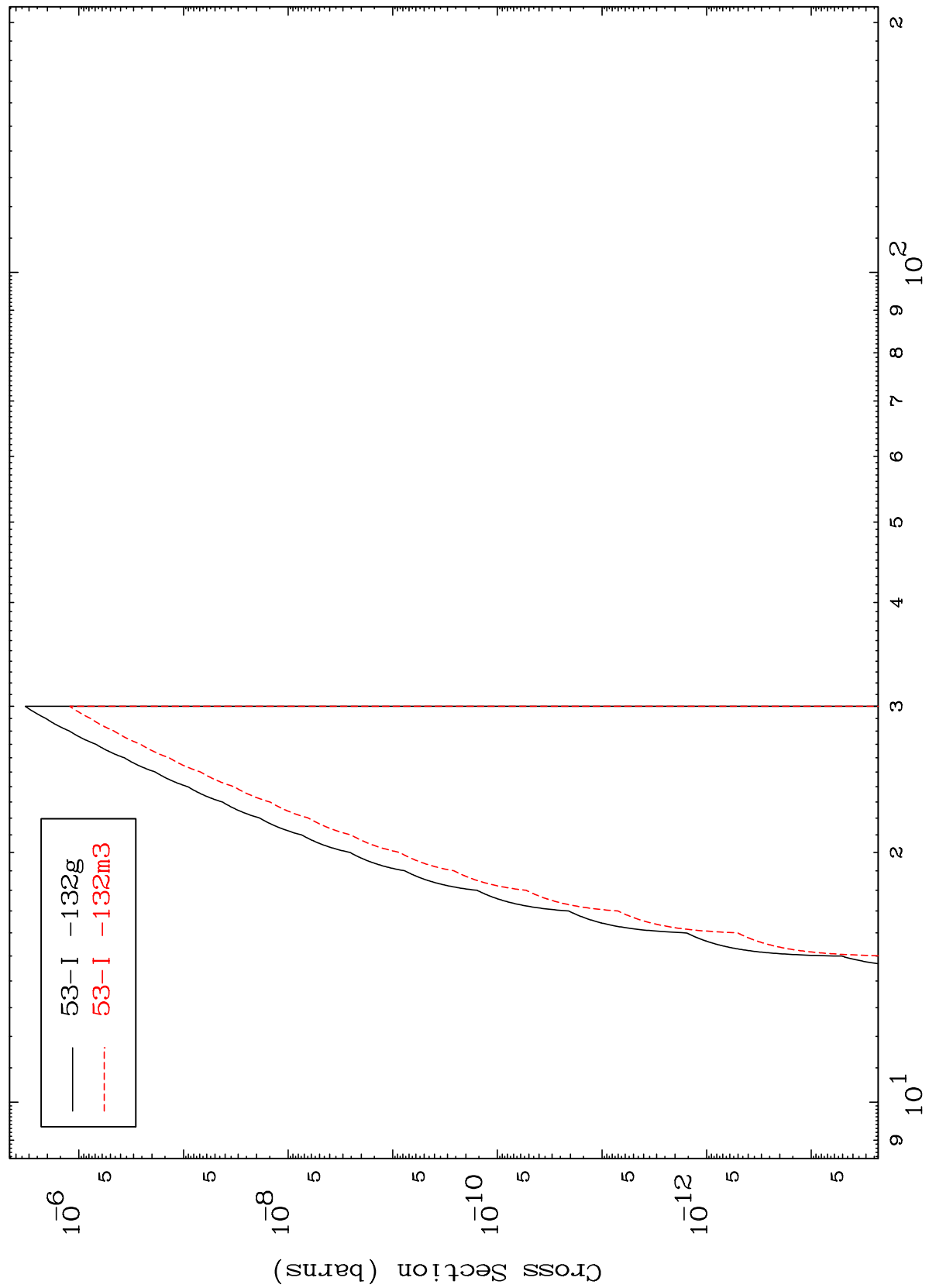
Radionuclide Production Cross Section



MAT 5525

55-Cs-133

(n,2p)
Radionuclide Production Cross Section



53-I -132g
53-I -132m3

92

Incident Energy (MeV)

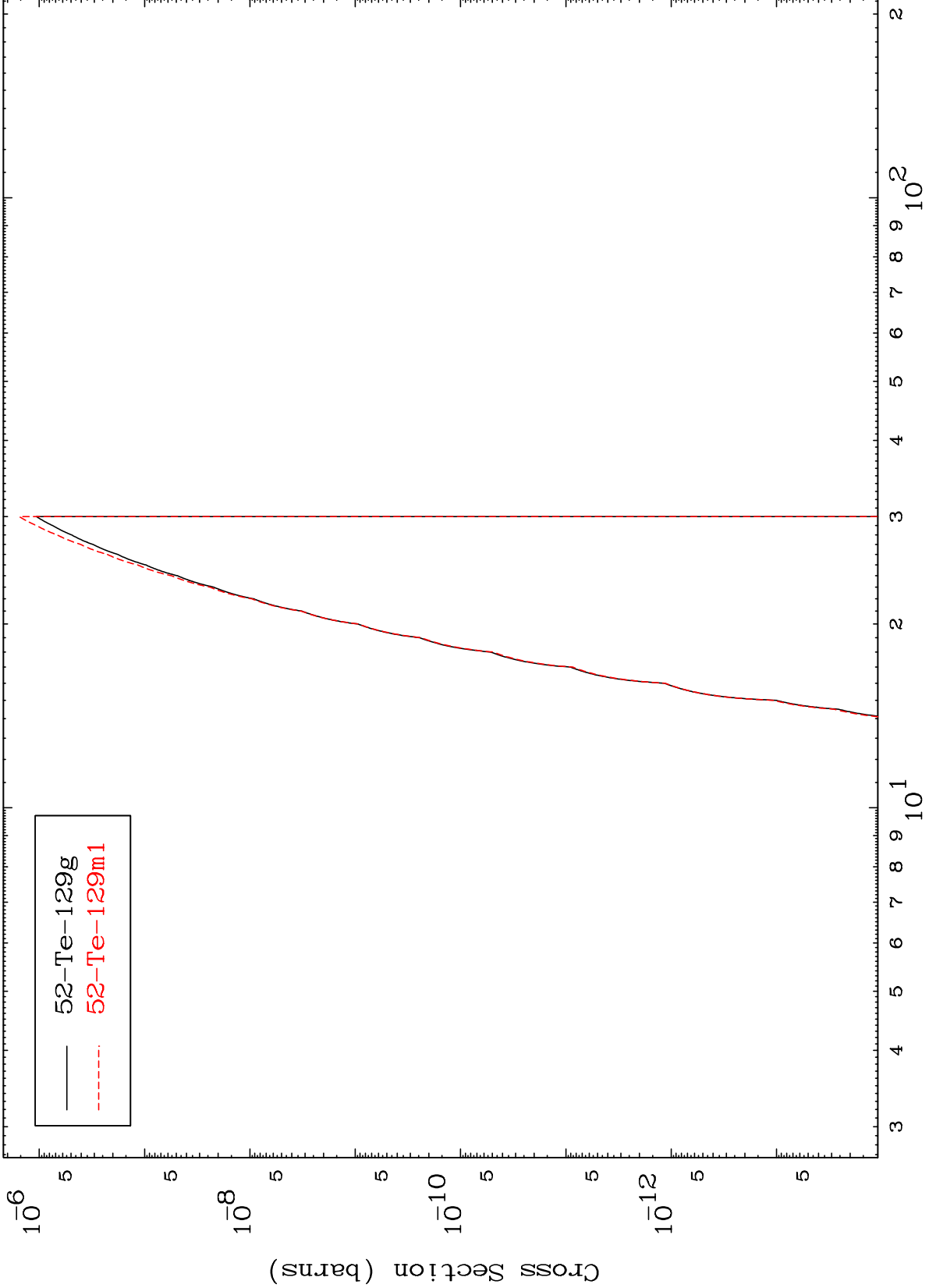
55-Cs-133

MAT 5525

(n,p) α

55-Cs-133

Radionuclide Production Cross Section



— 52-Te-129g
- - - 52-Te-129m1

Radionuclide Production Cross Section

