

Program EVALPLOT
(Version 2018-1)

by

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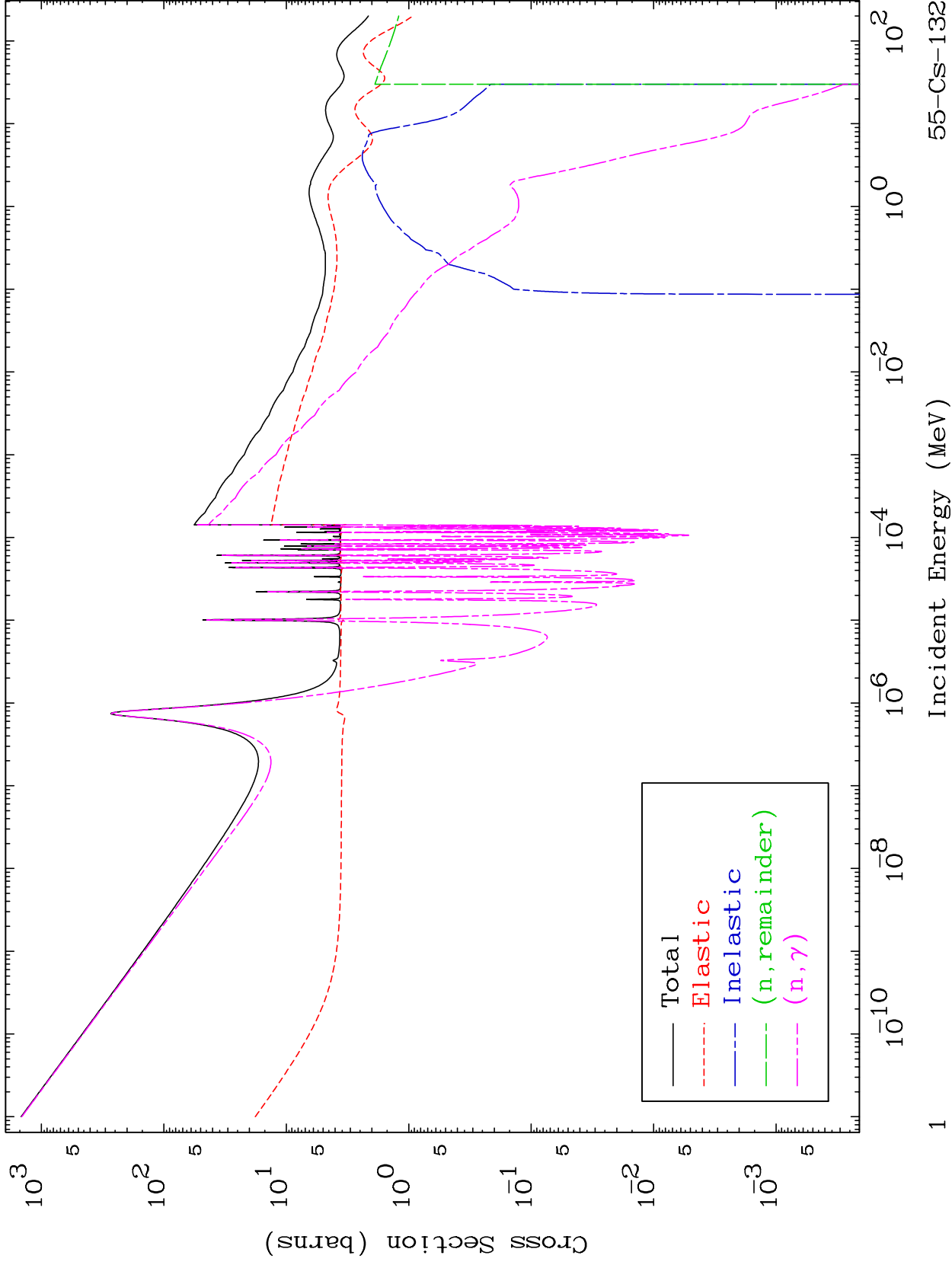
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5522

Major
293 Kelvin Cross Sections

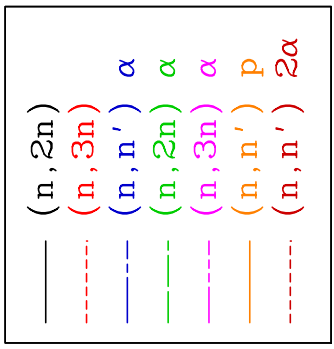
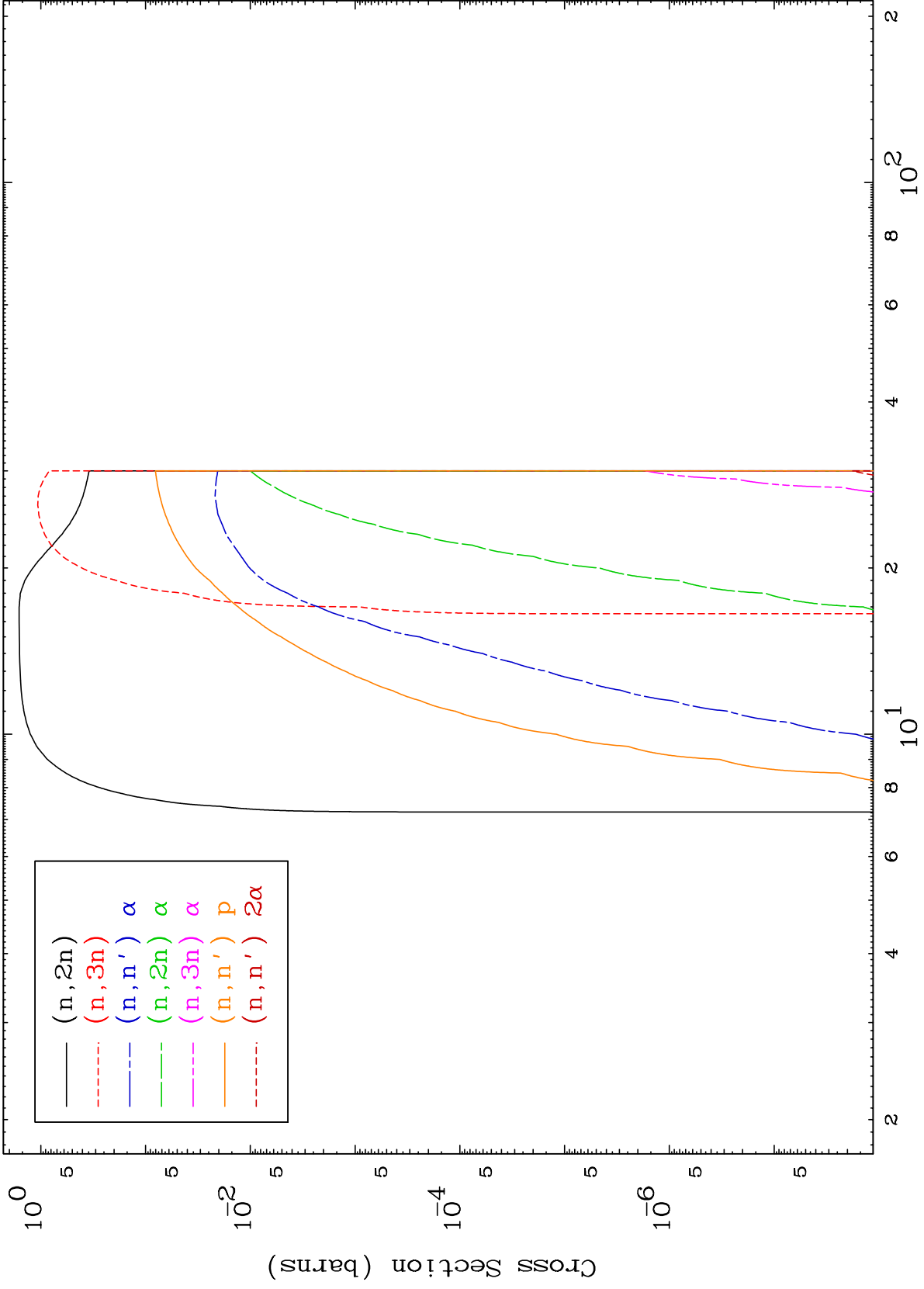
55-Cs-132



MAT 5522

Neutron Production
293 Kelvin Cross Sections

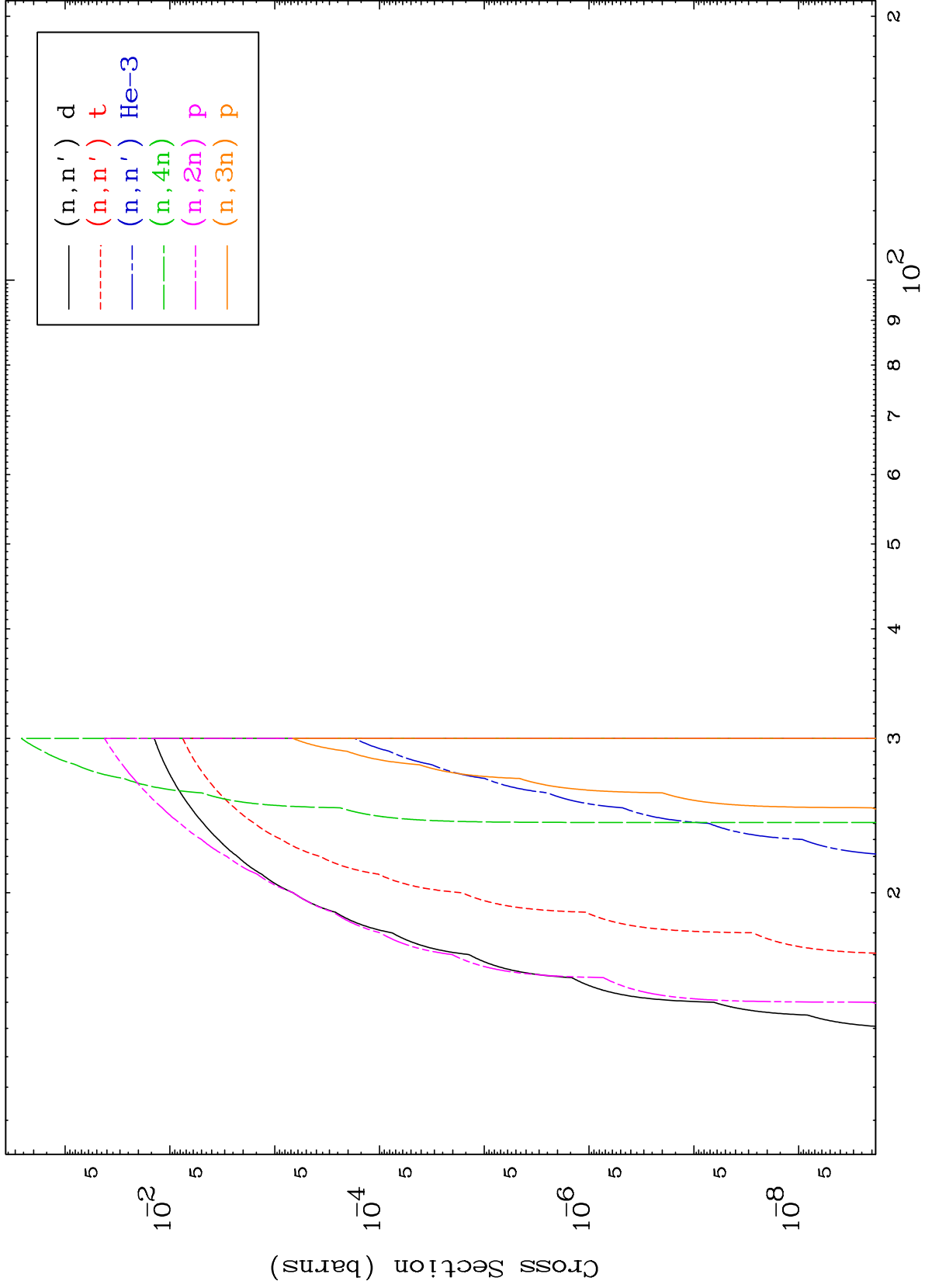
55-Cs-132



55-Cs-132

Incident Energy (MeV)

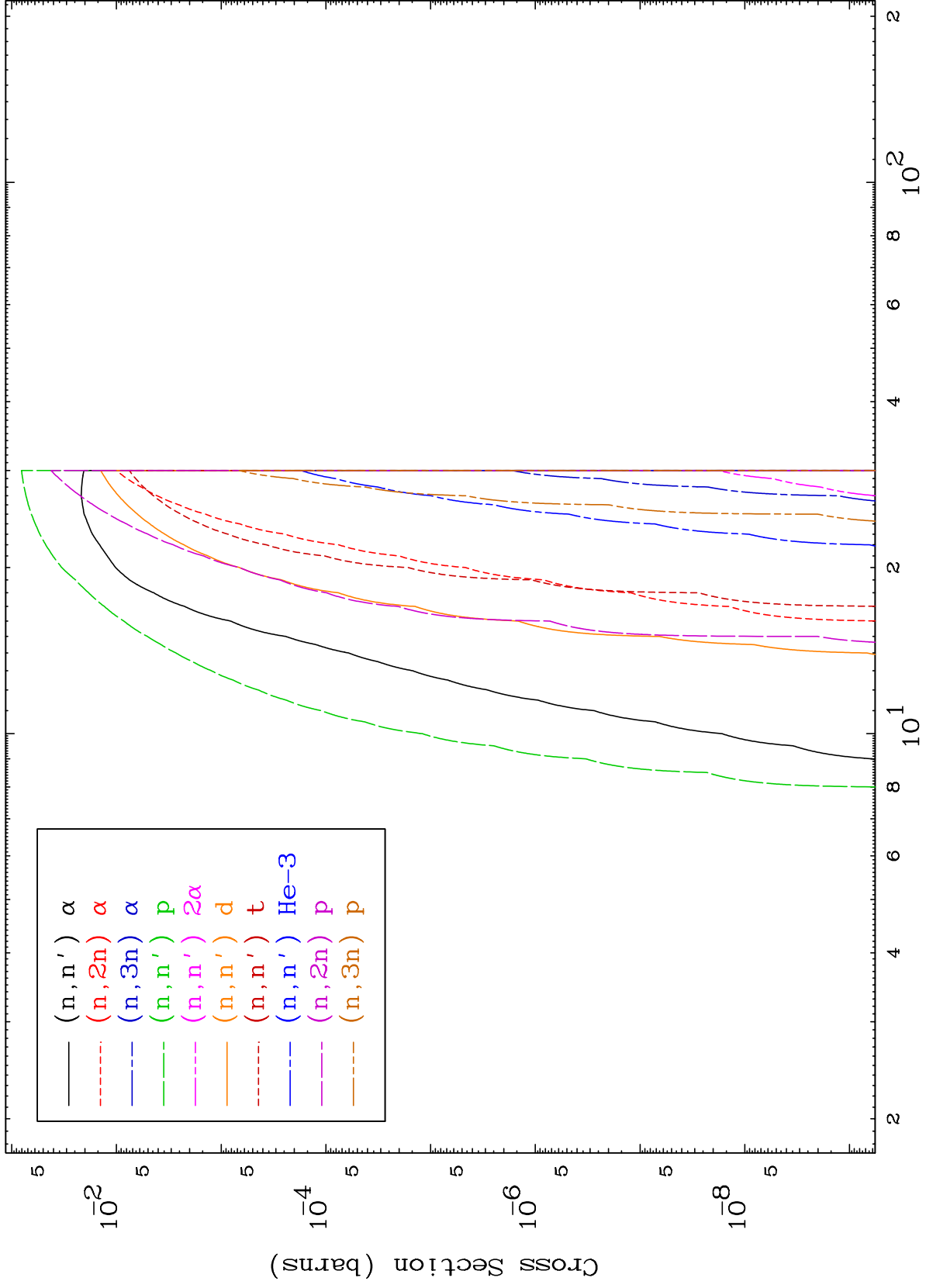
2



MAT 55222

Charged Particle
293 Kelvin Cross Sections

55-Cs-132



4

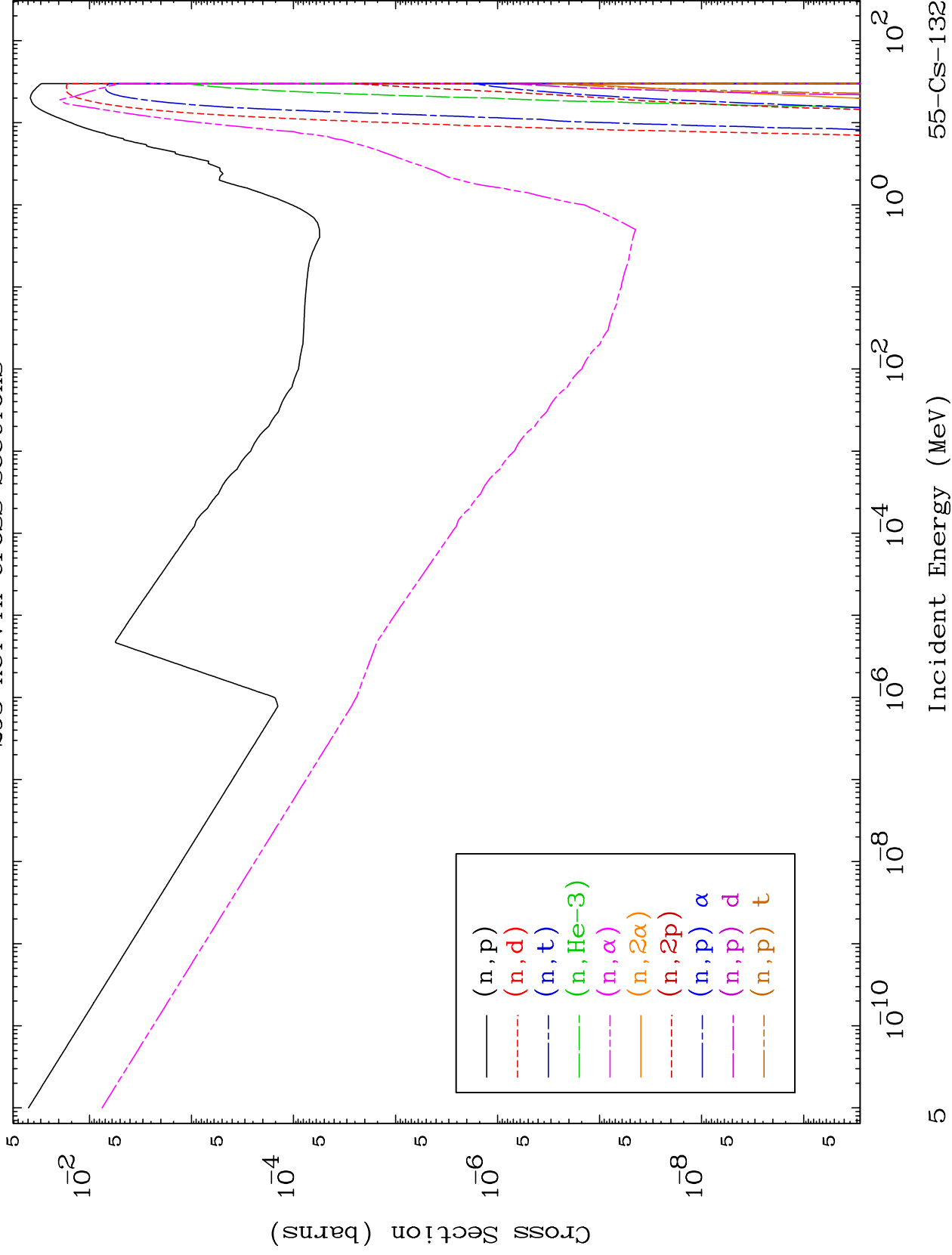
Incident Energy (MeV)

55-Cs-132

MAT 5522

Charged Particle
293 Kelvin Cross Sections

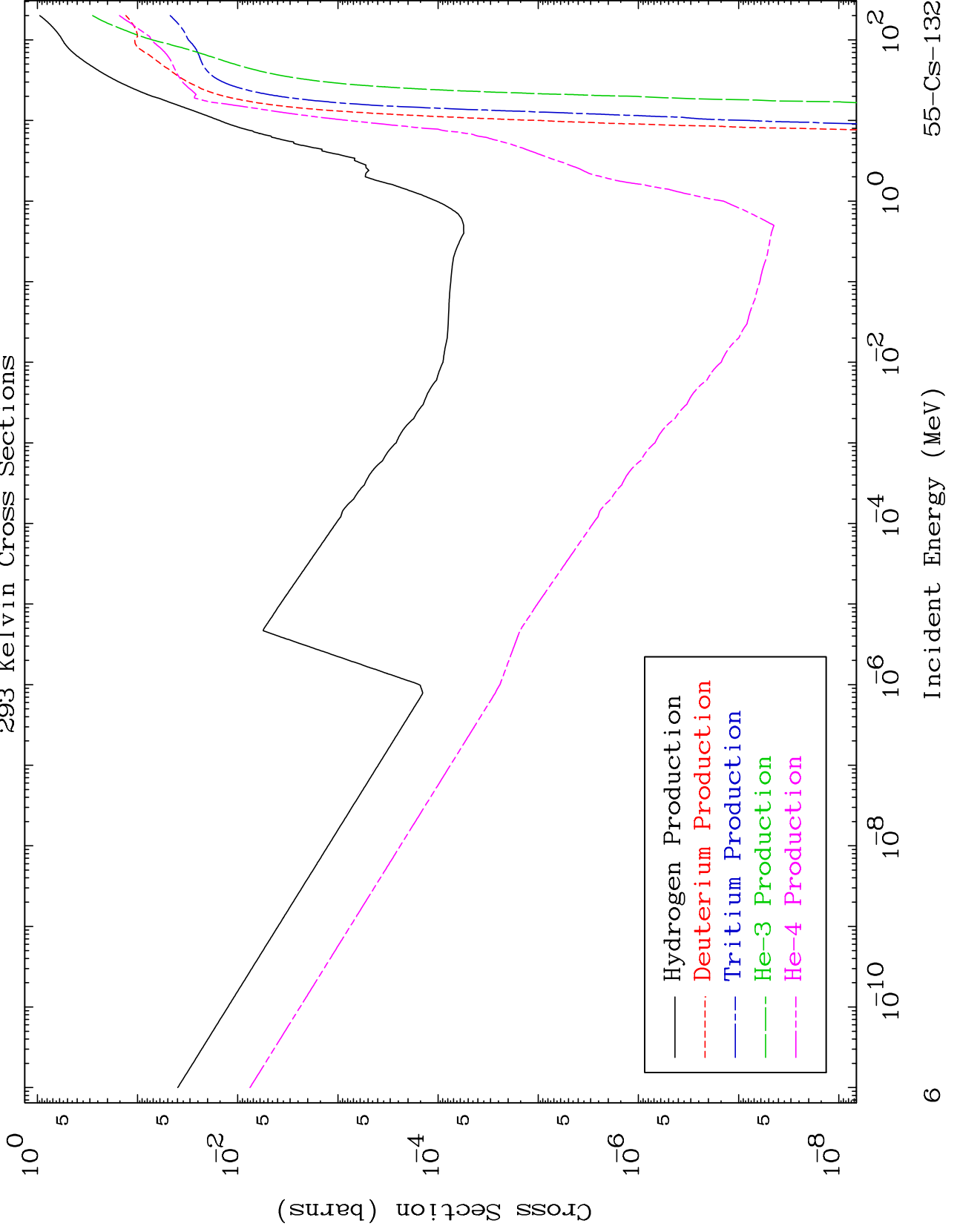
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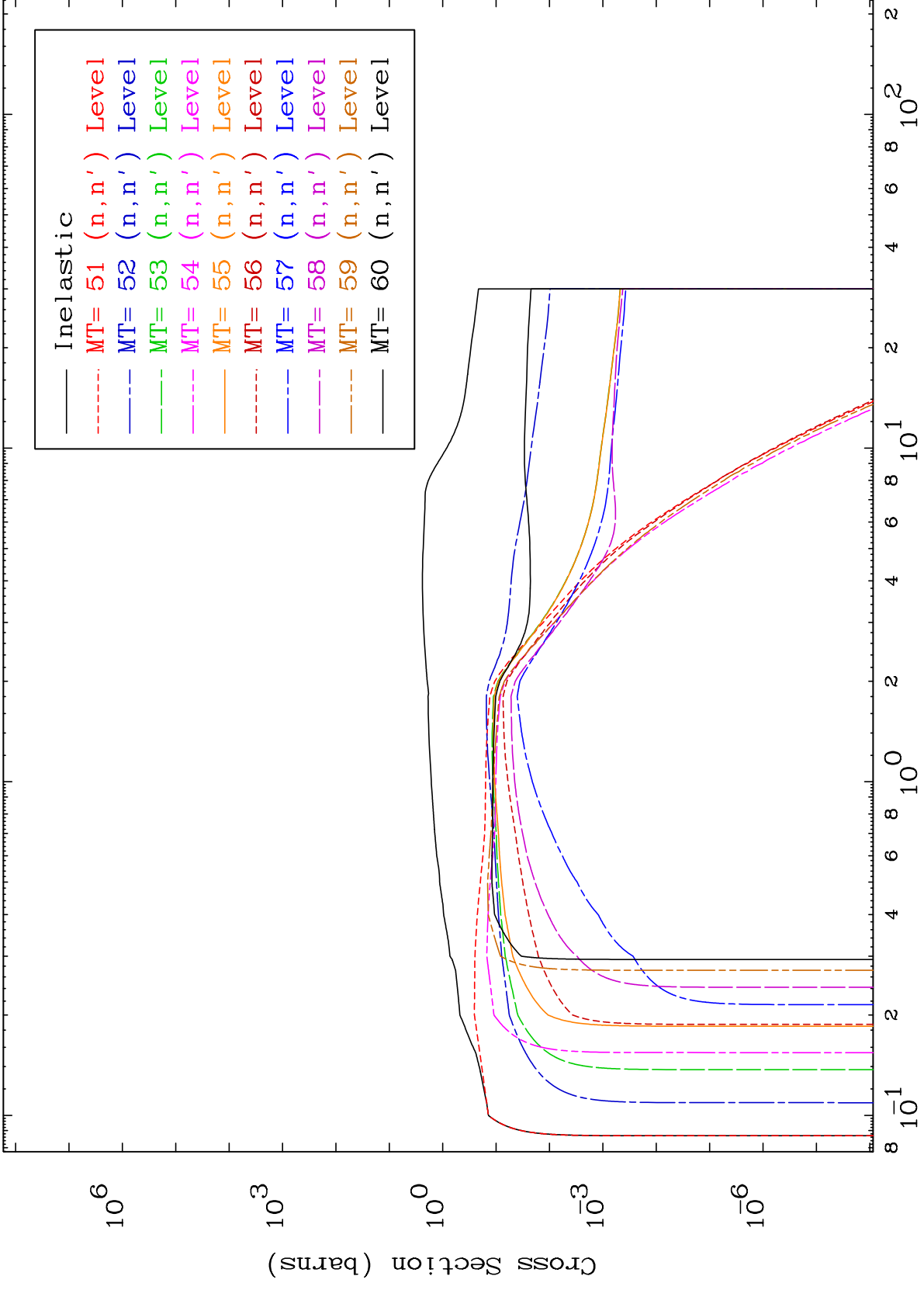
MAT 5522

Particle Production
293 Kelvin Cross Sections

55-Cs-132

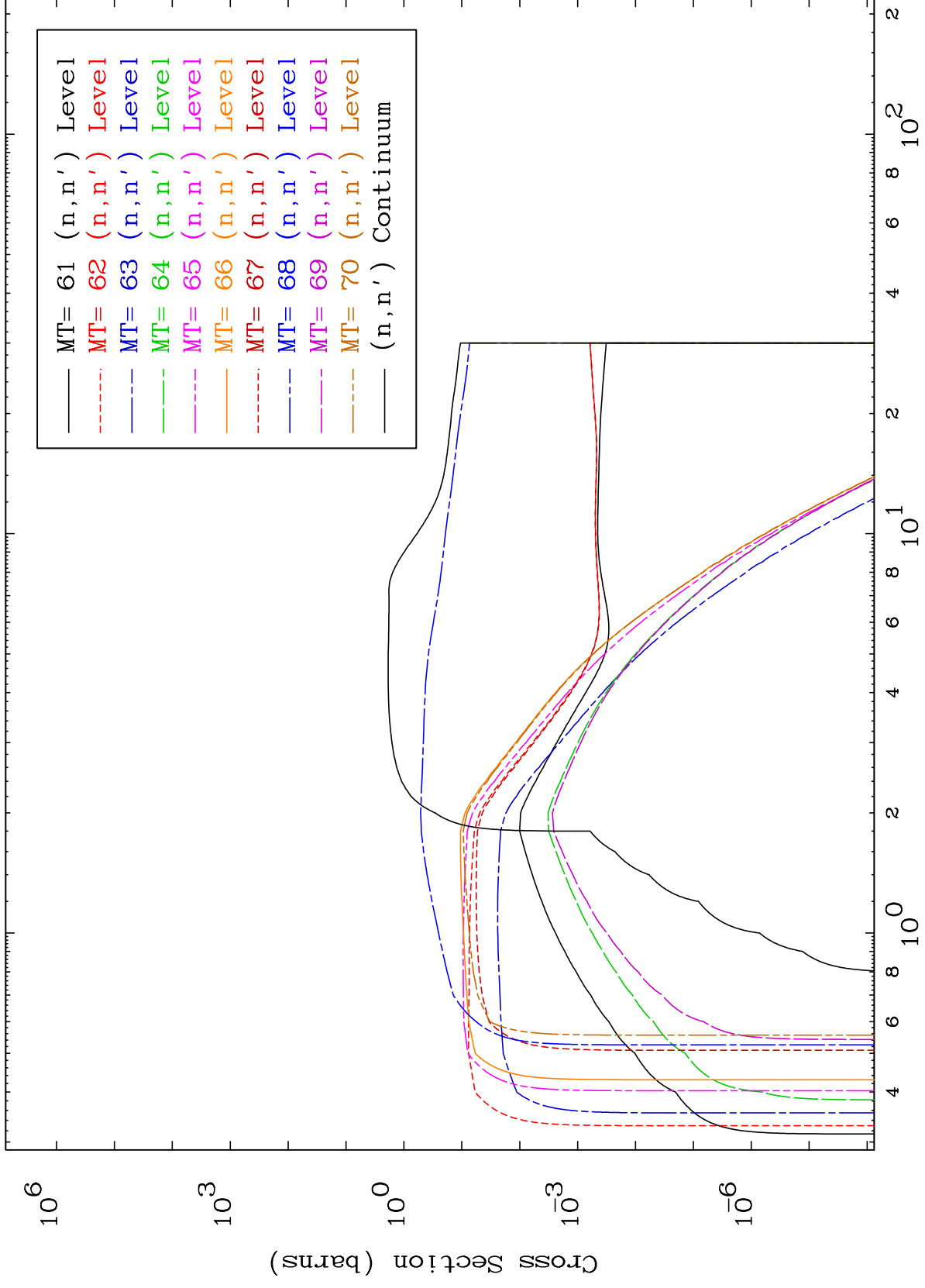


293 Kelvin Cross Sections



Incident Energy (MeV)

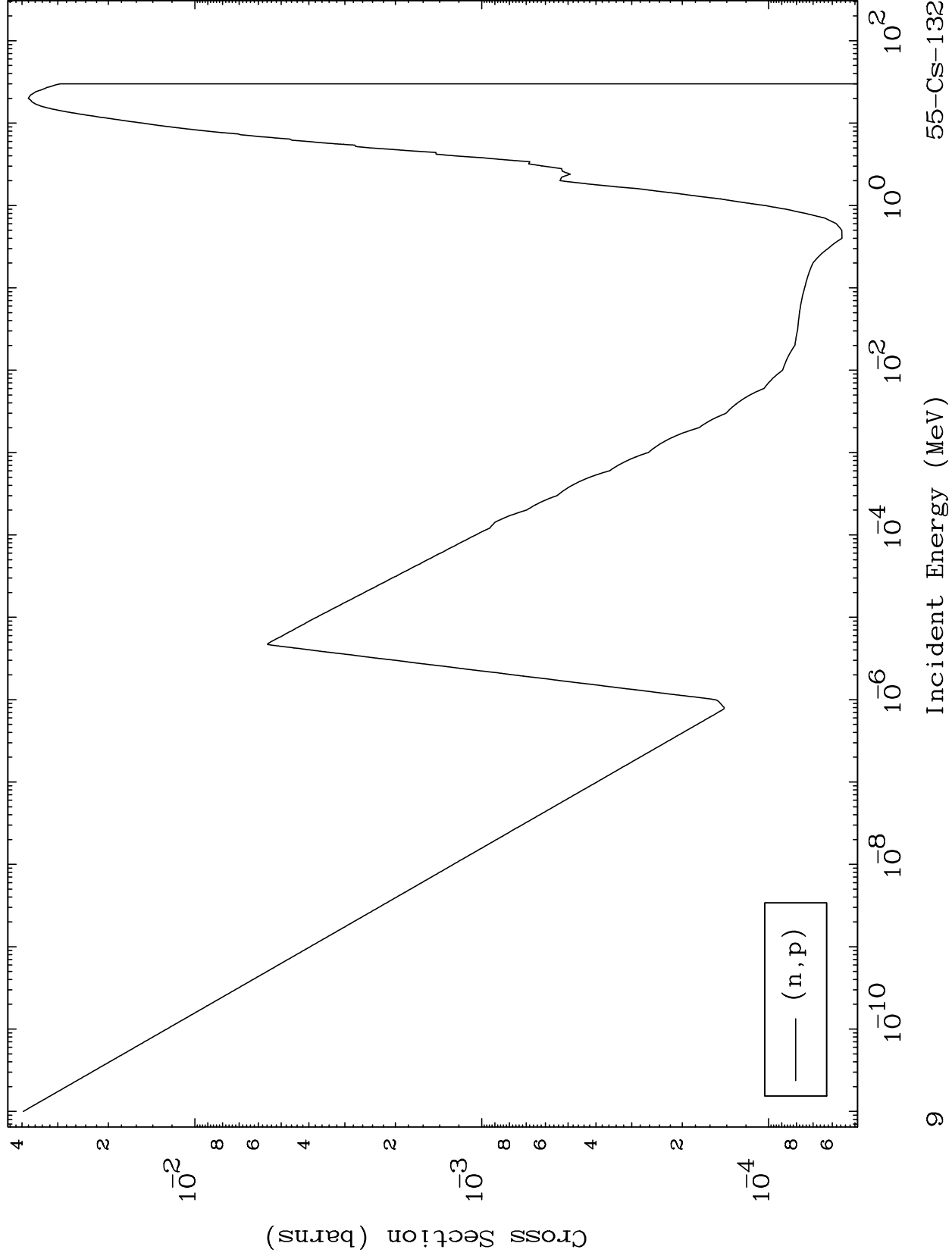
293 Kelvin Cross Sections



MAT 5522

(n,p) Levels
293 Kelvin Cross Sections

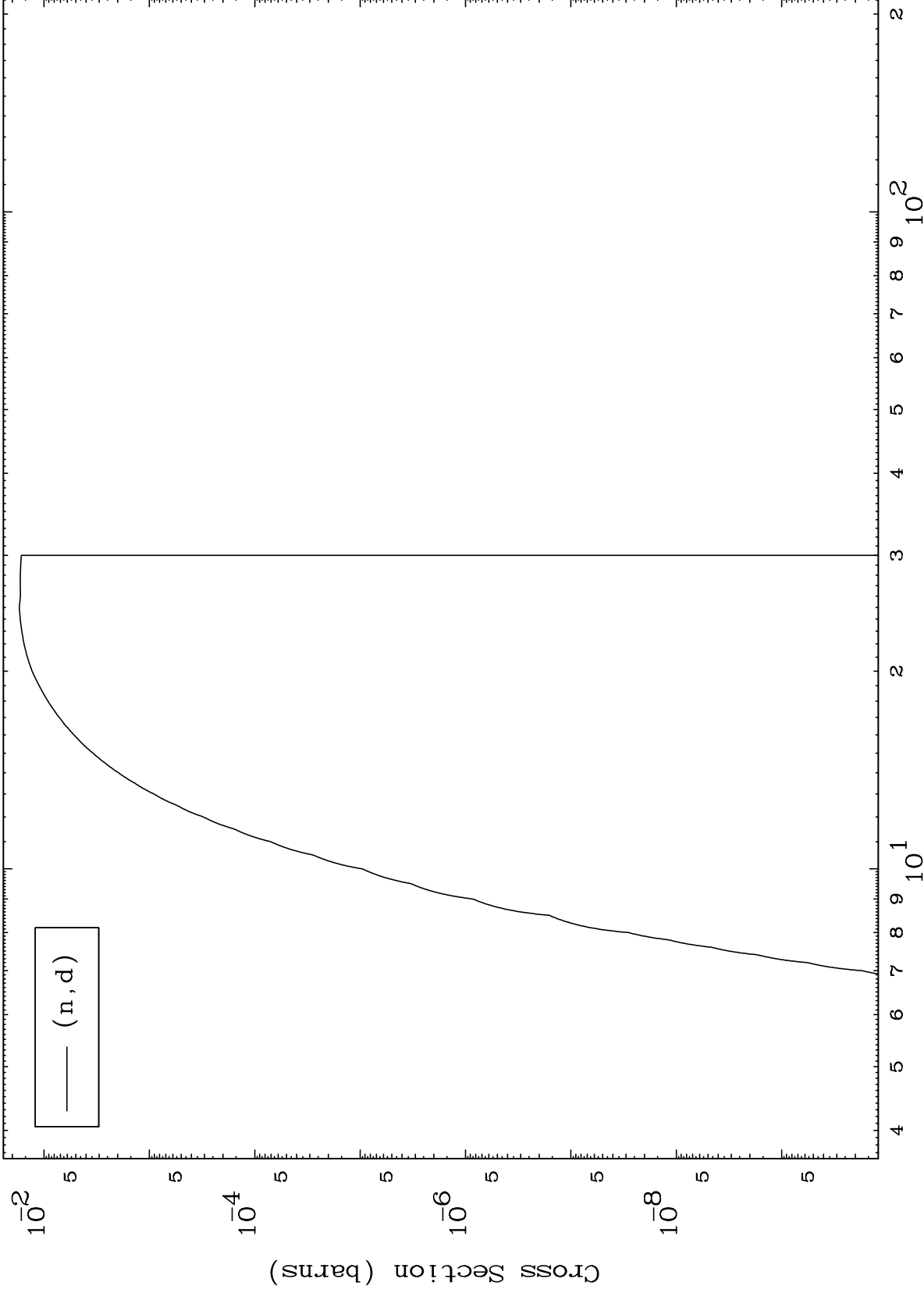
55-Cs-132



MAT 5522

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-132



10

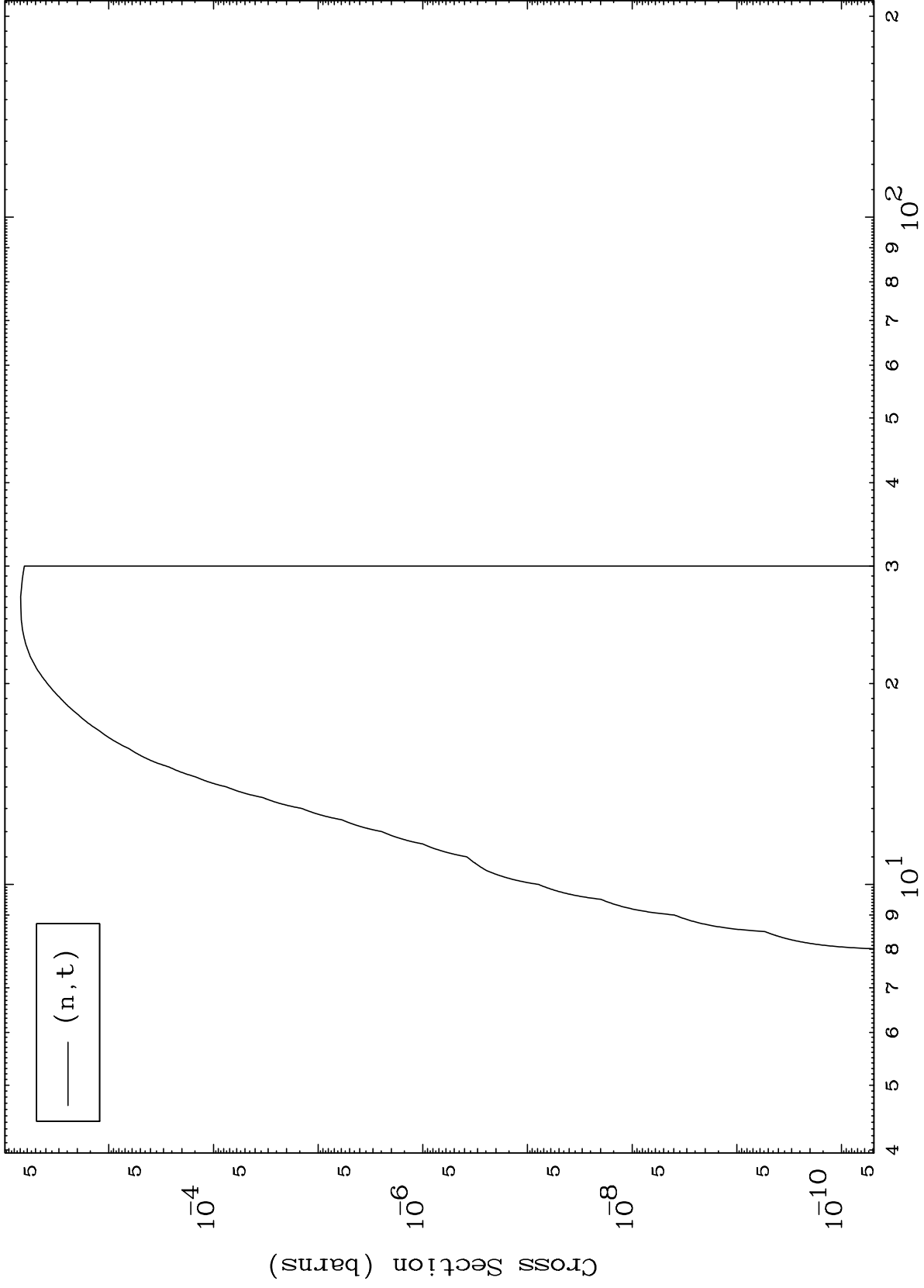
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-132



11

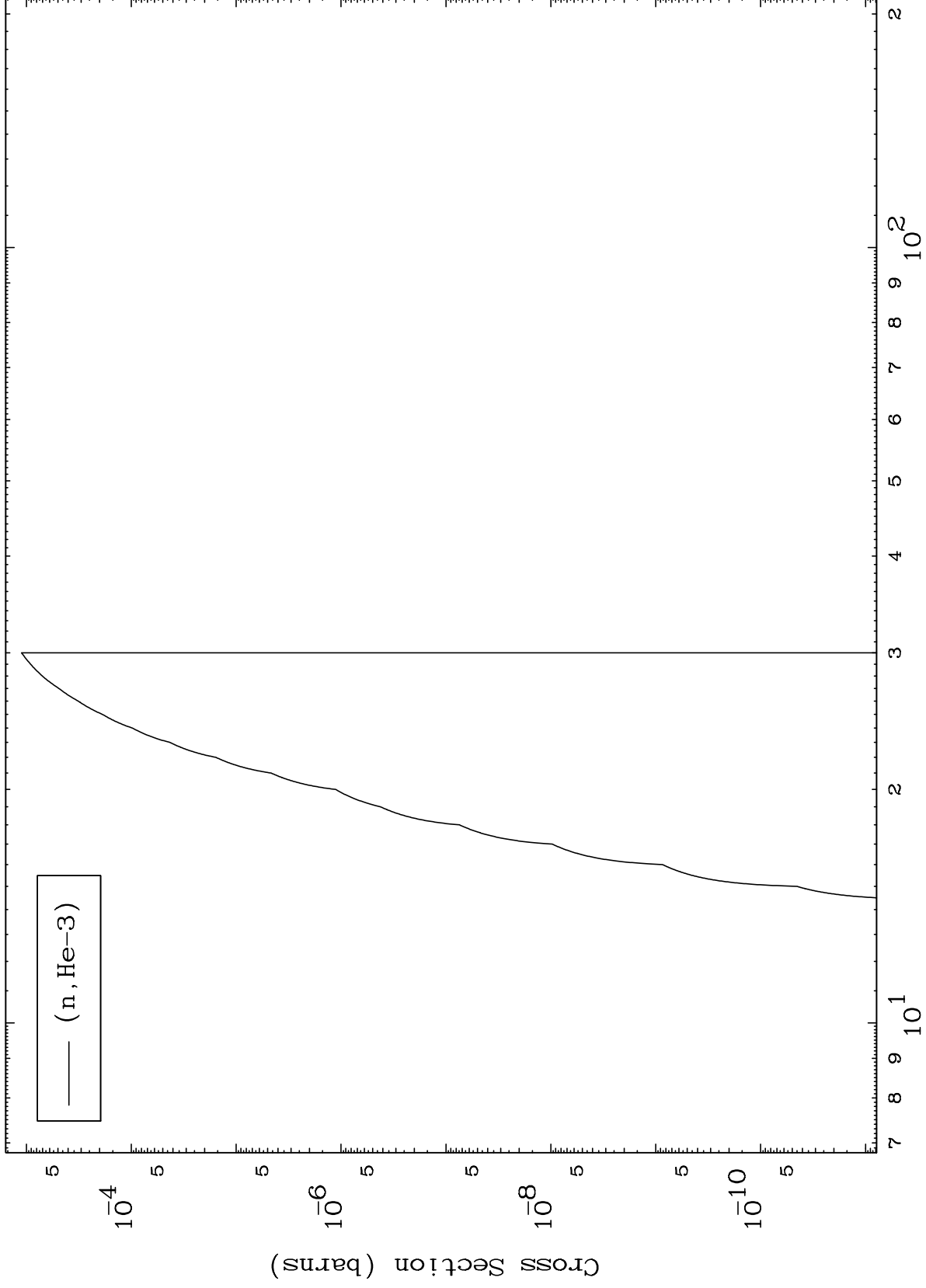
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-132



12

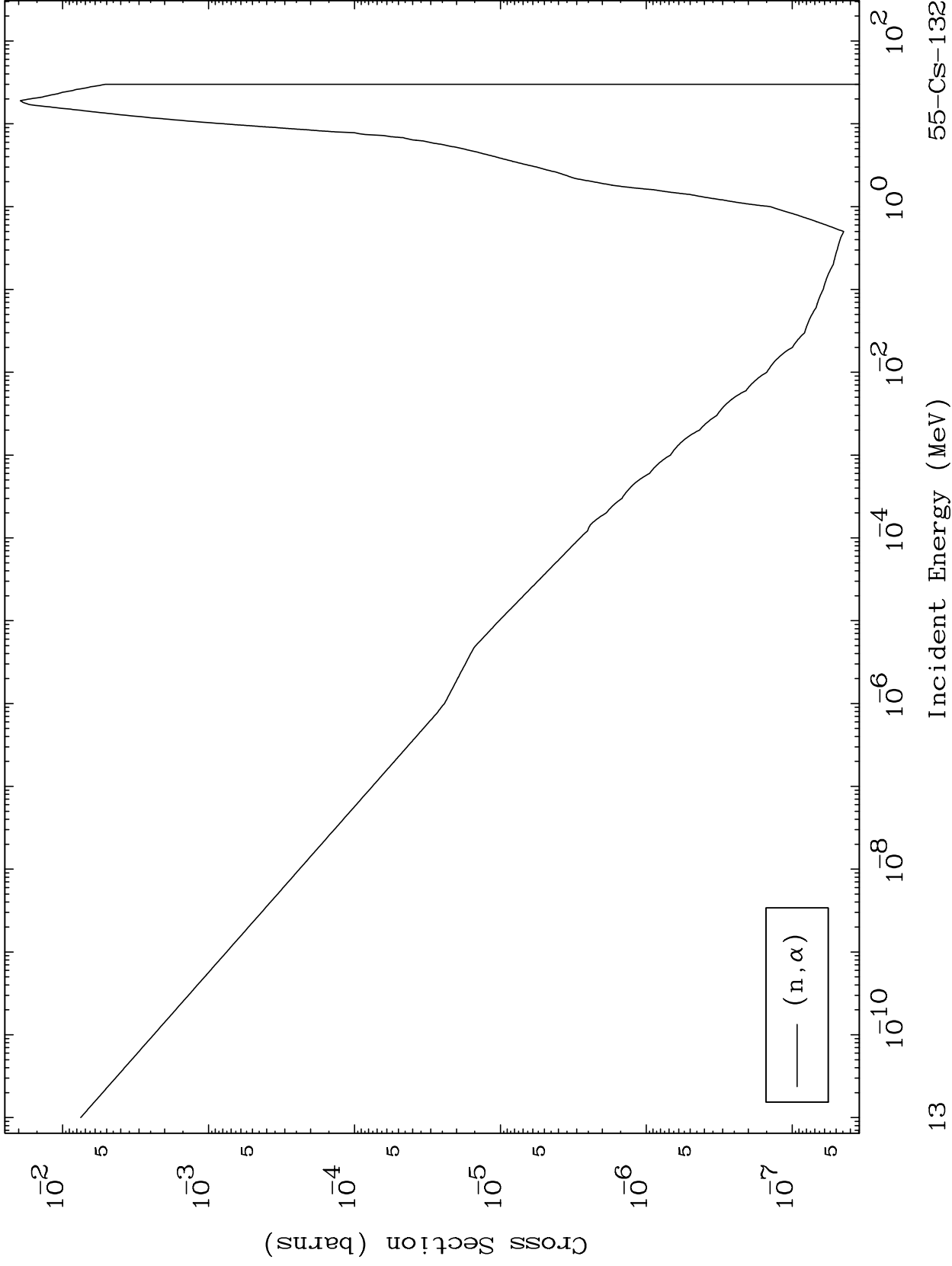
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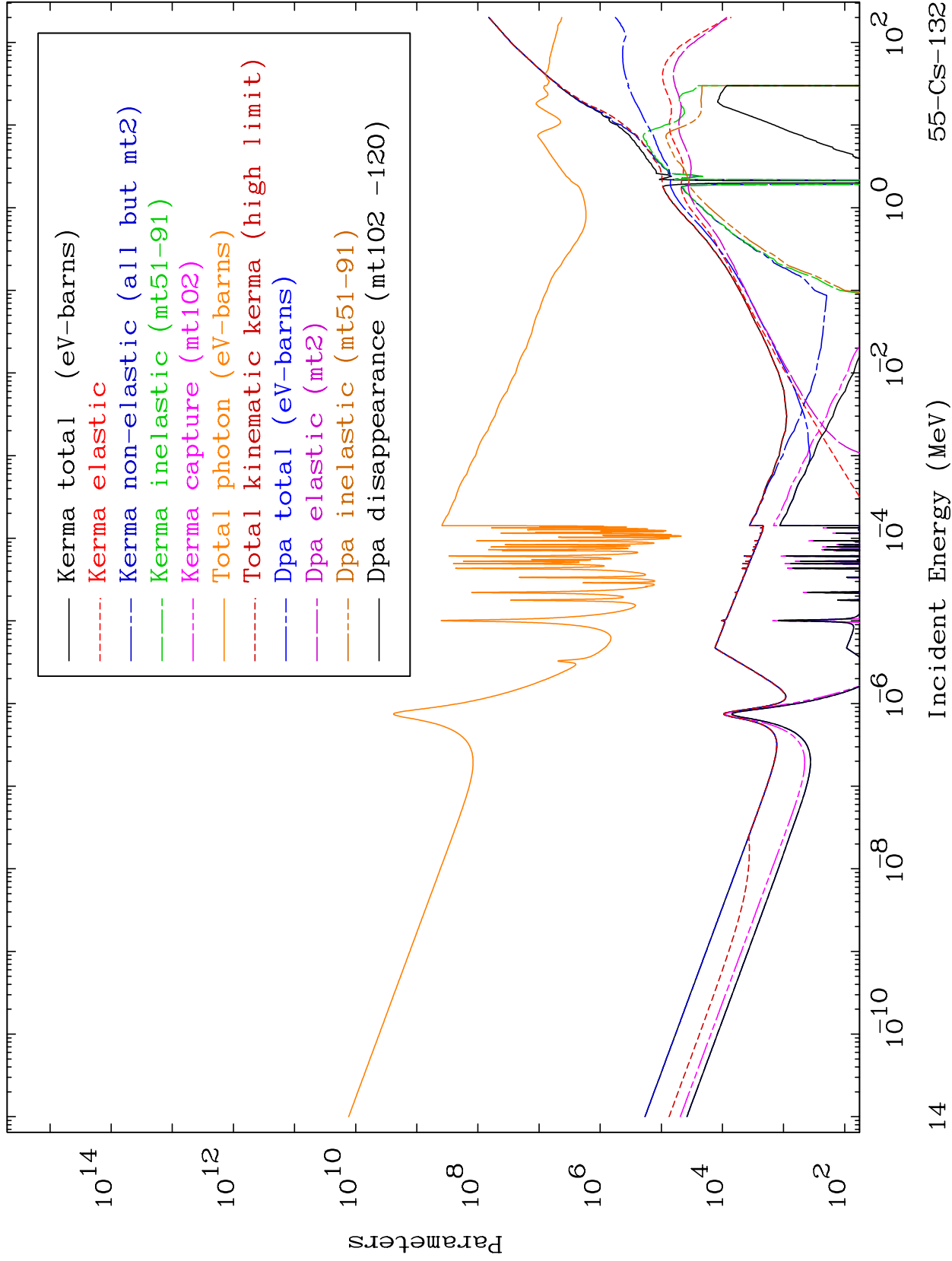
55-Cs-132

MAT 5522

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-132

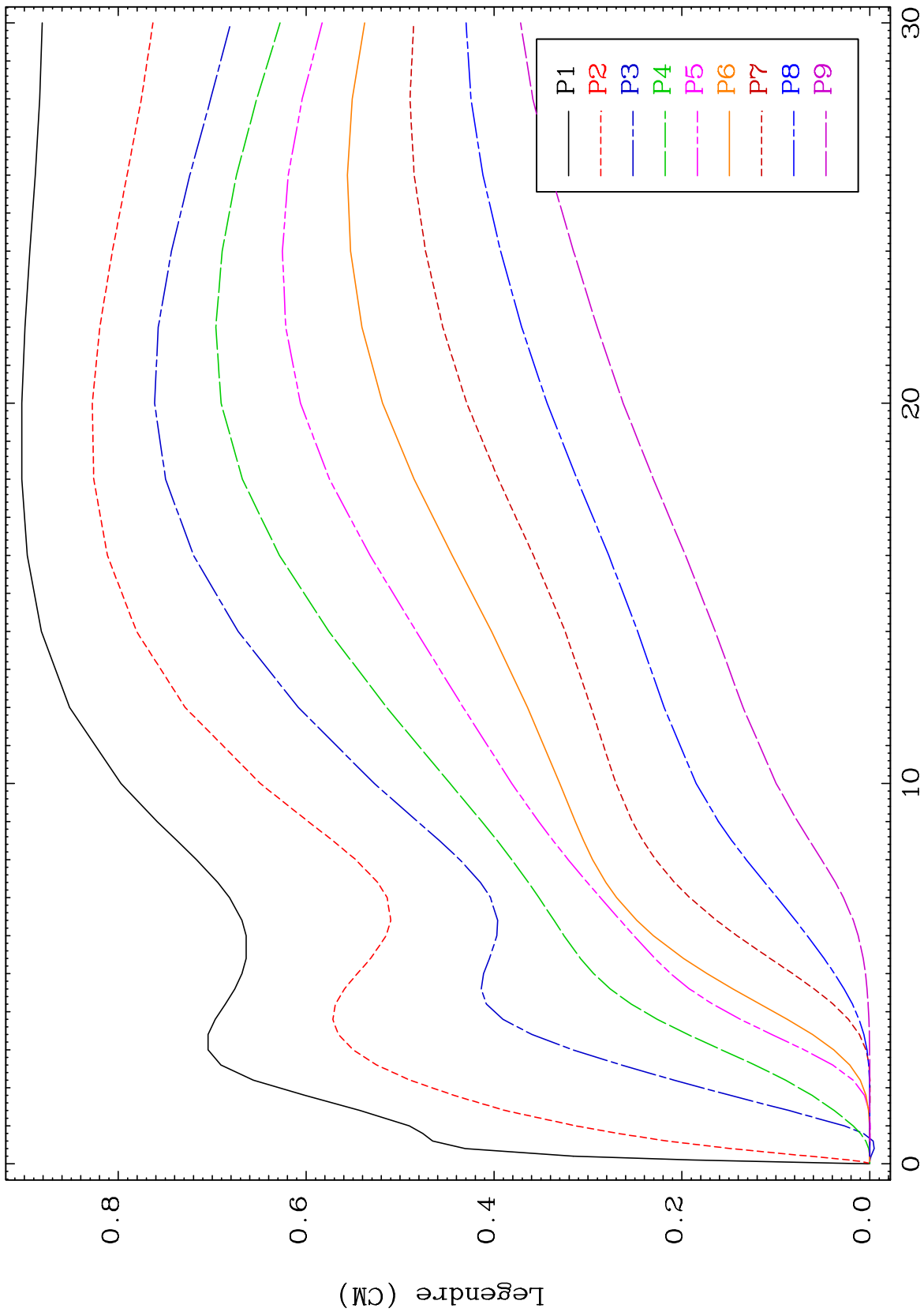




MAT 5522

55-Cs-132

Elastic Legendre Coefficients



55-Cs-132

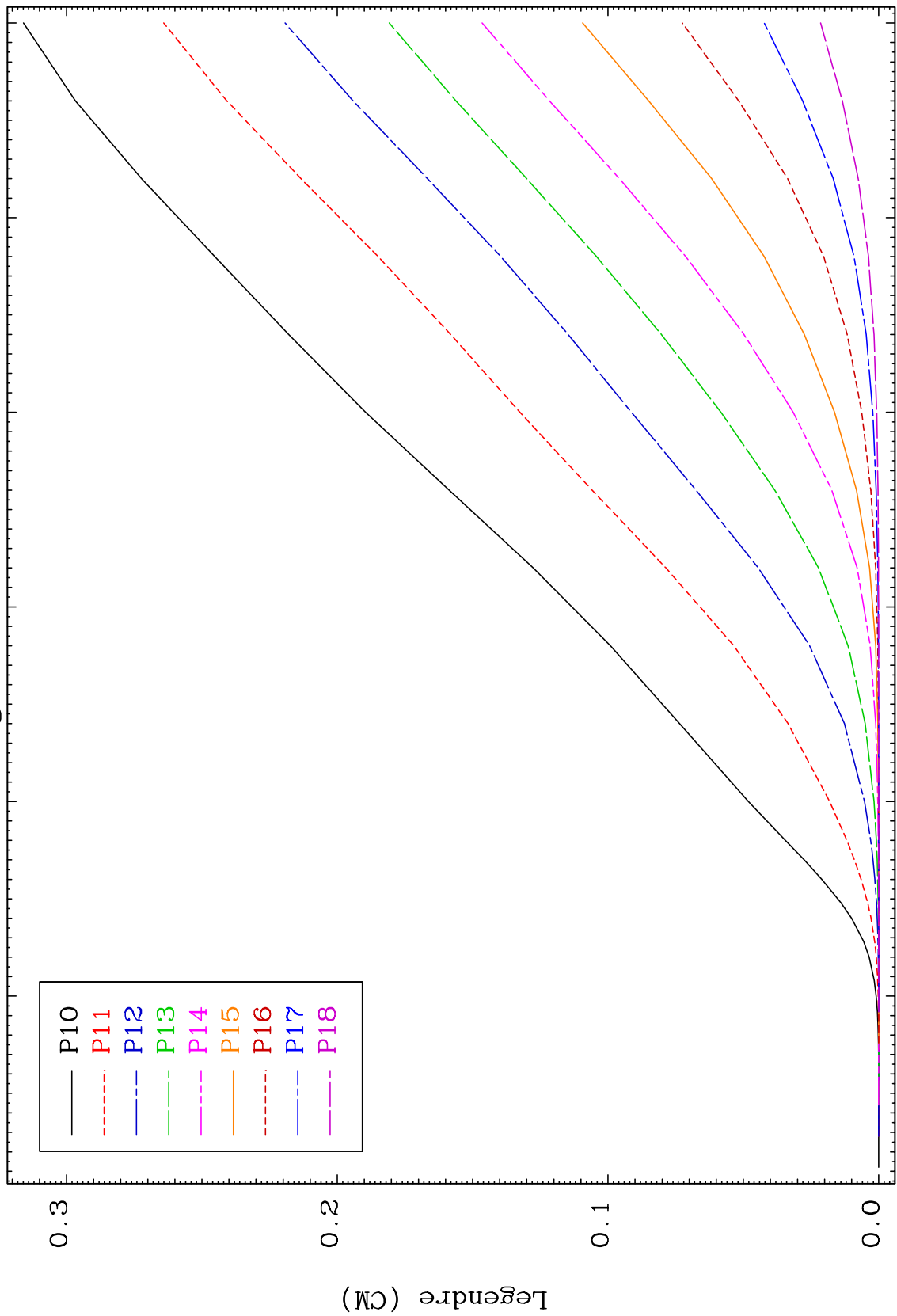
Incident Energy (MeV)

15

MAT 5522

Elastic Legendre Coefficients

55-Cs-132



16

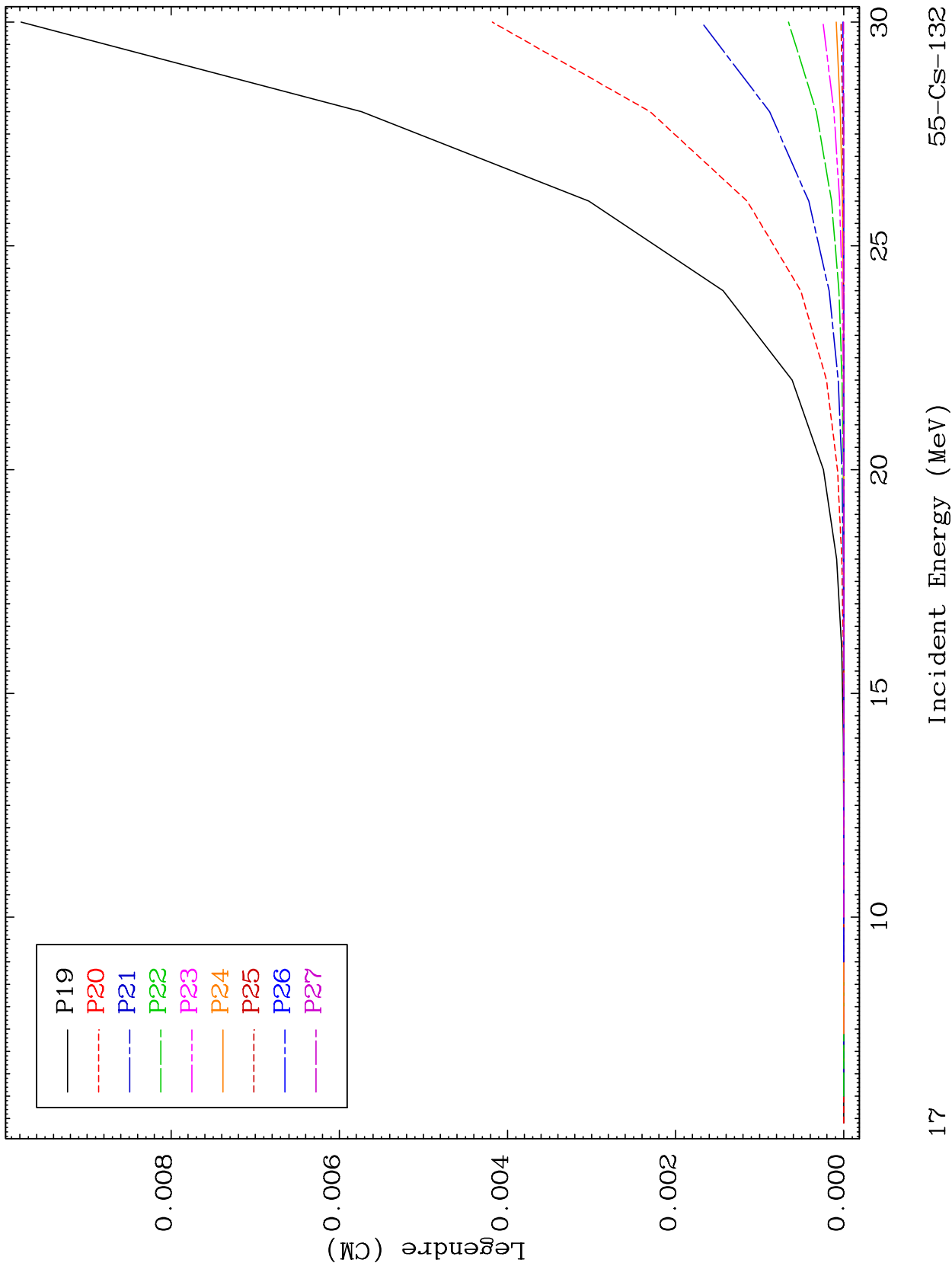
Incident Energy (MeV)

55-Cs-132

MAT 5522

Elastic Legendre Coefficients

55-Cs-132



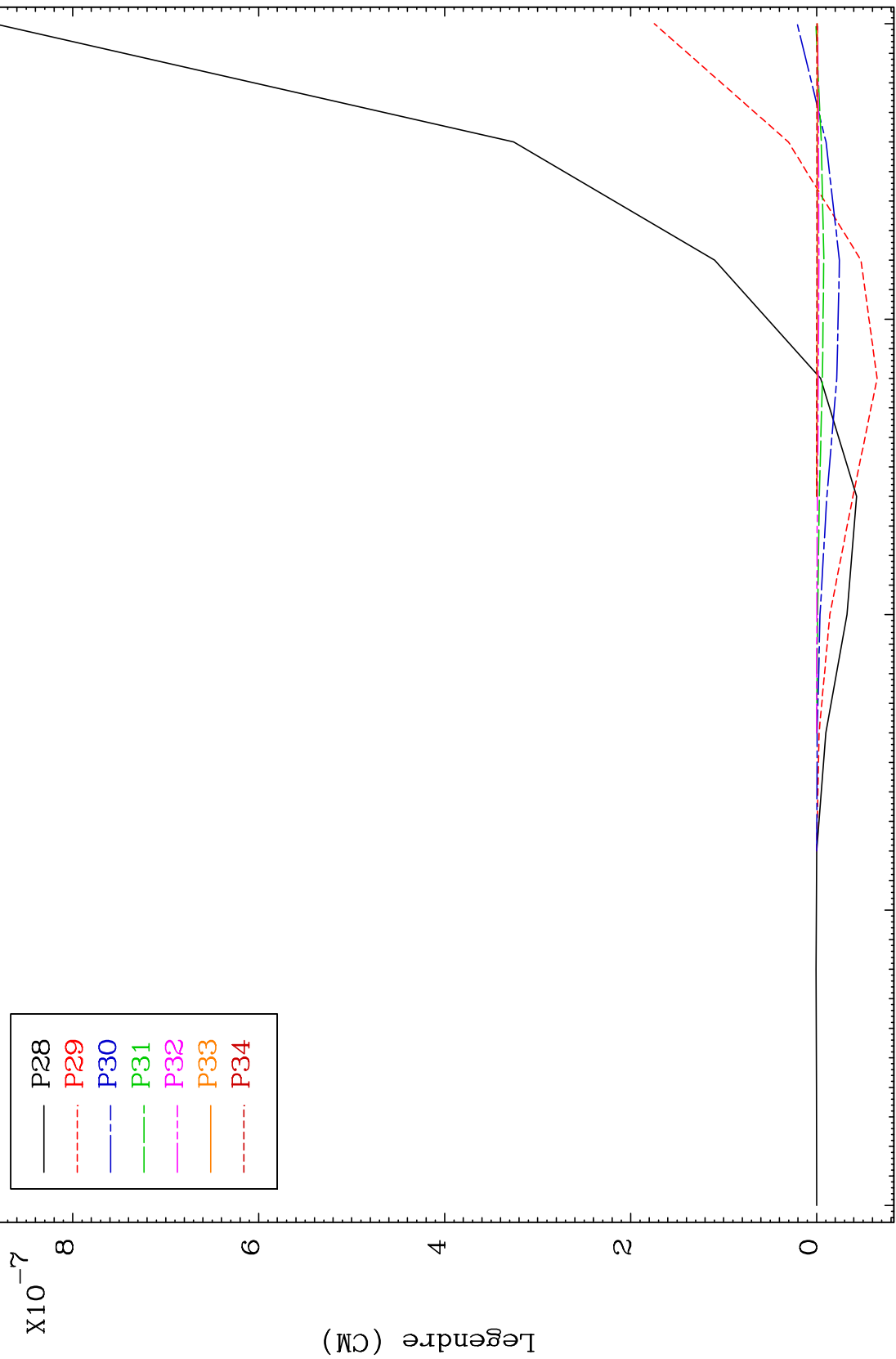
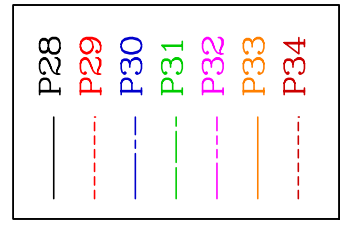
17

55-Cs-132

MAT 5522

Elastic Legendre Coefficients

55-Cs-132



18

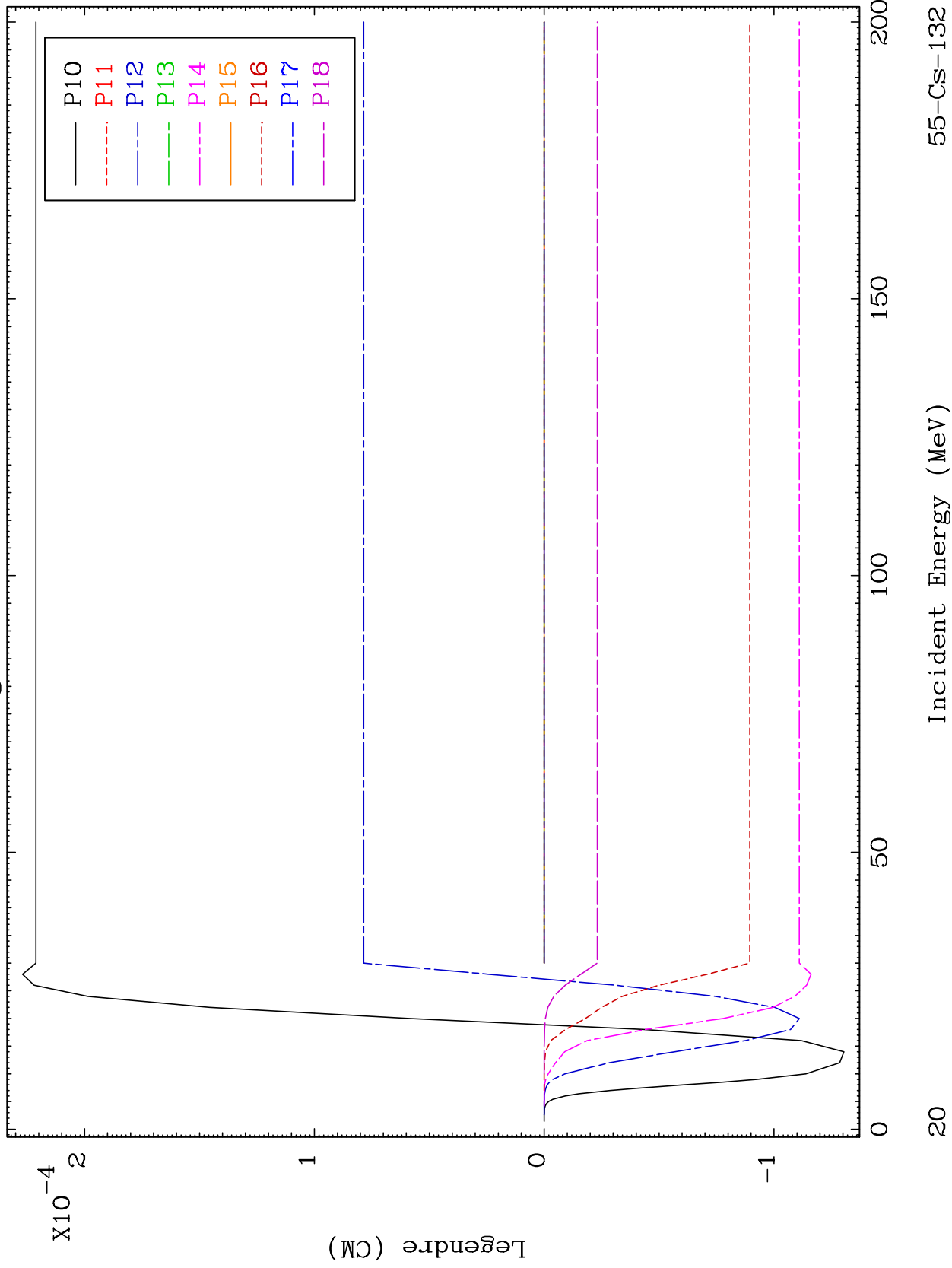
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



55-Cs-132

MAT 5522

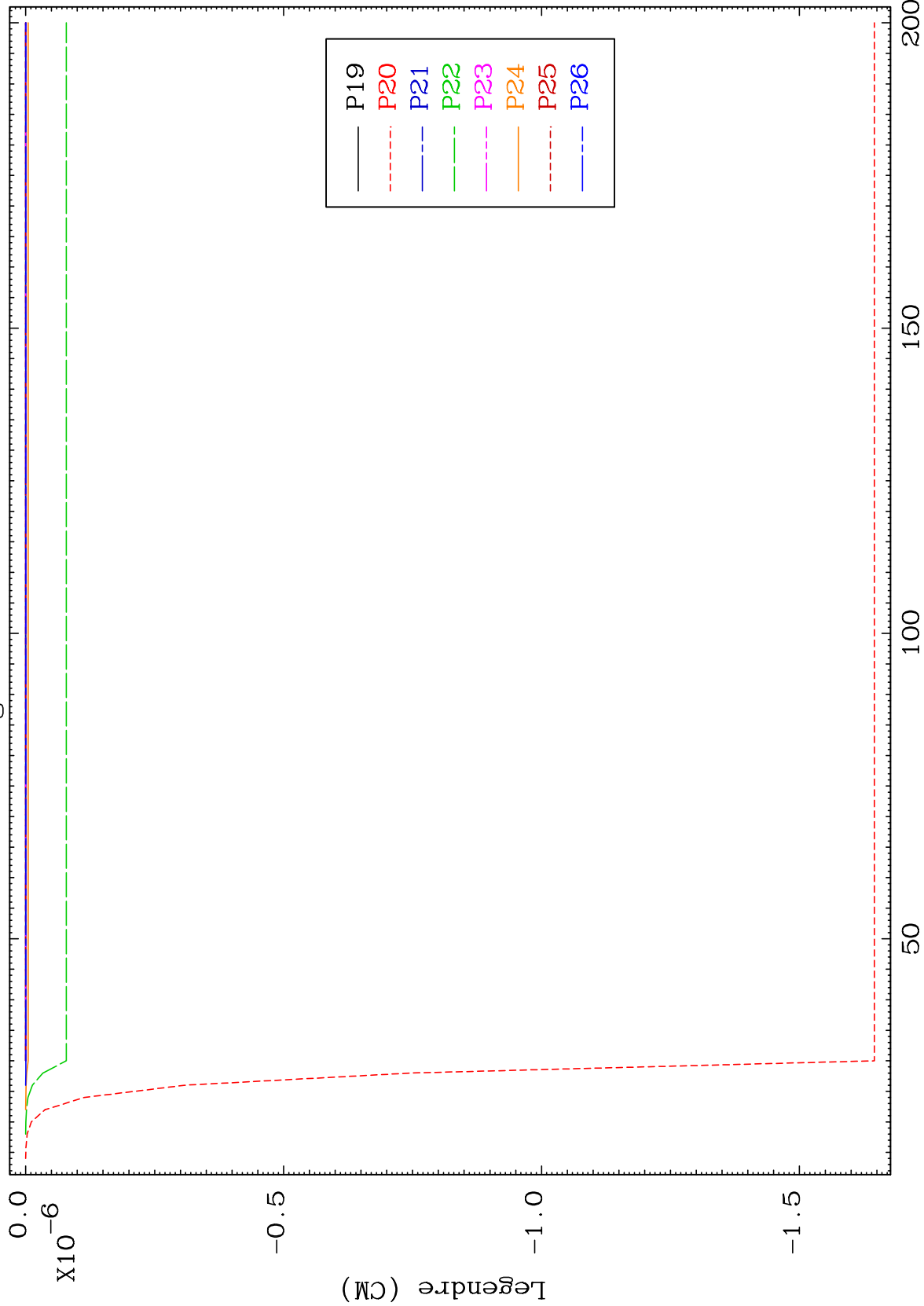
MT= 51 (n,n') Level
Legendre Coefficients

55-Cs-132

55-Cs-132

Incident Energy (MeV)

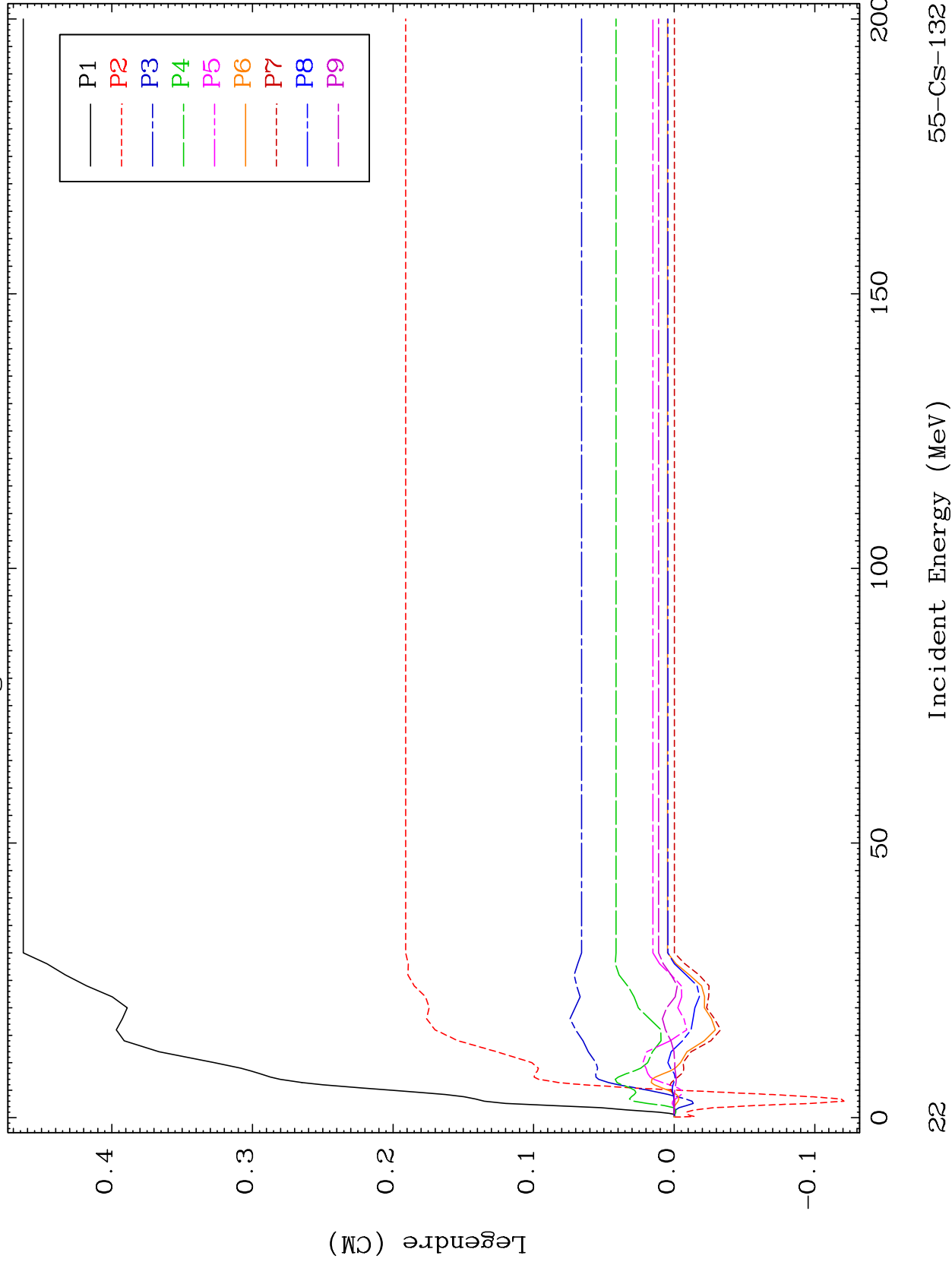
21



MAT 5522

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

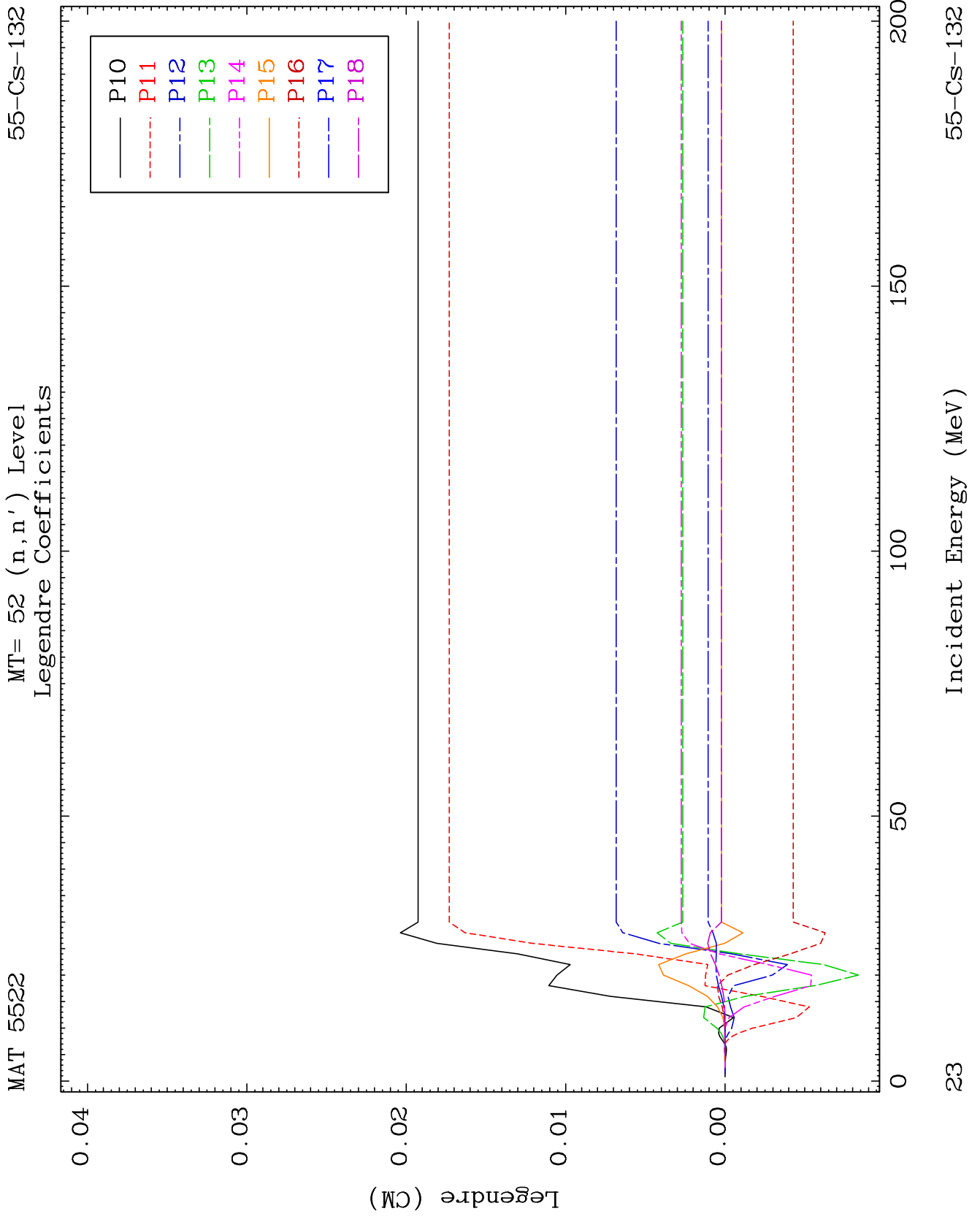
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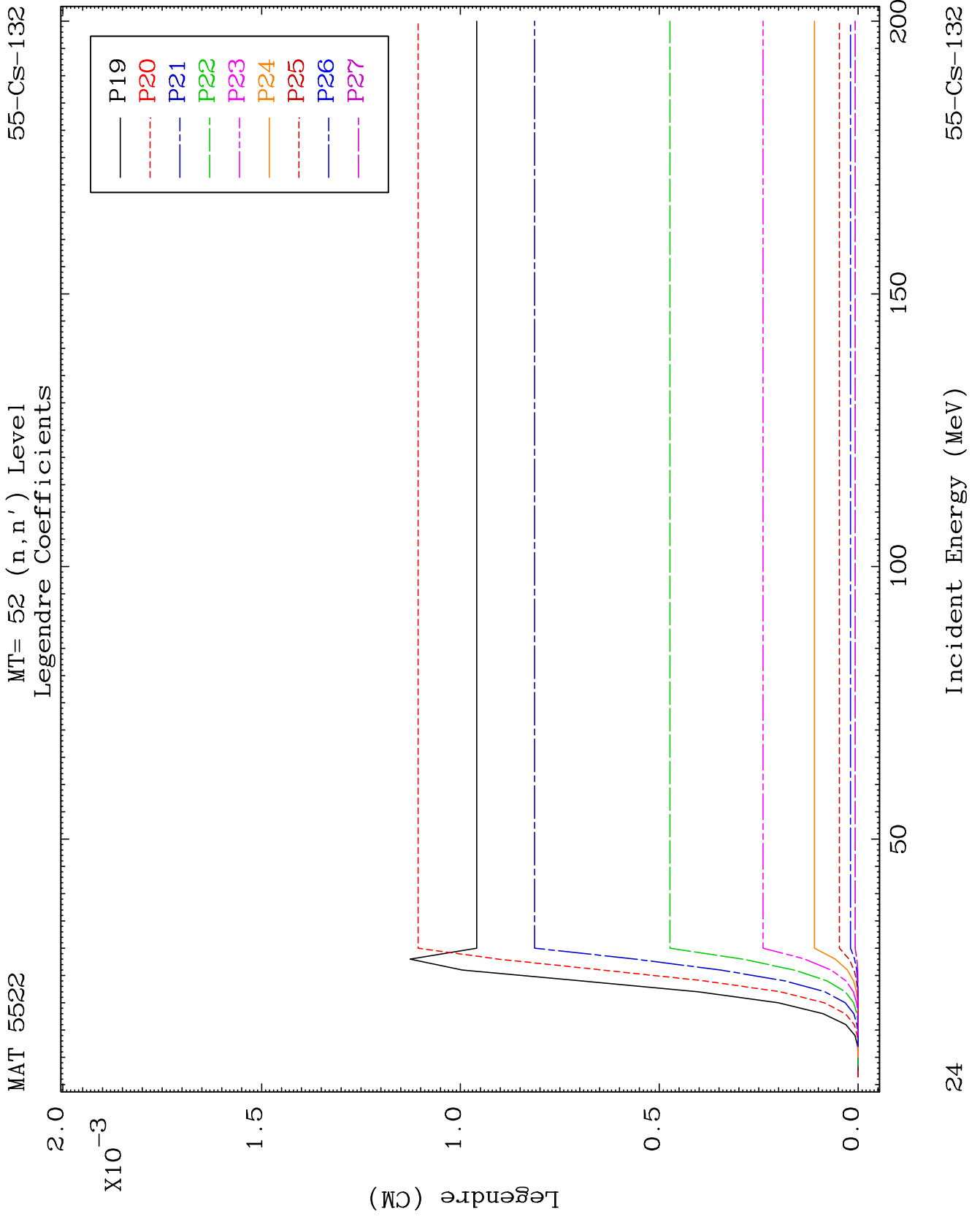


55-Cs-132

Incident Energy (MeV)

22

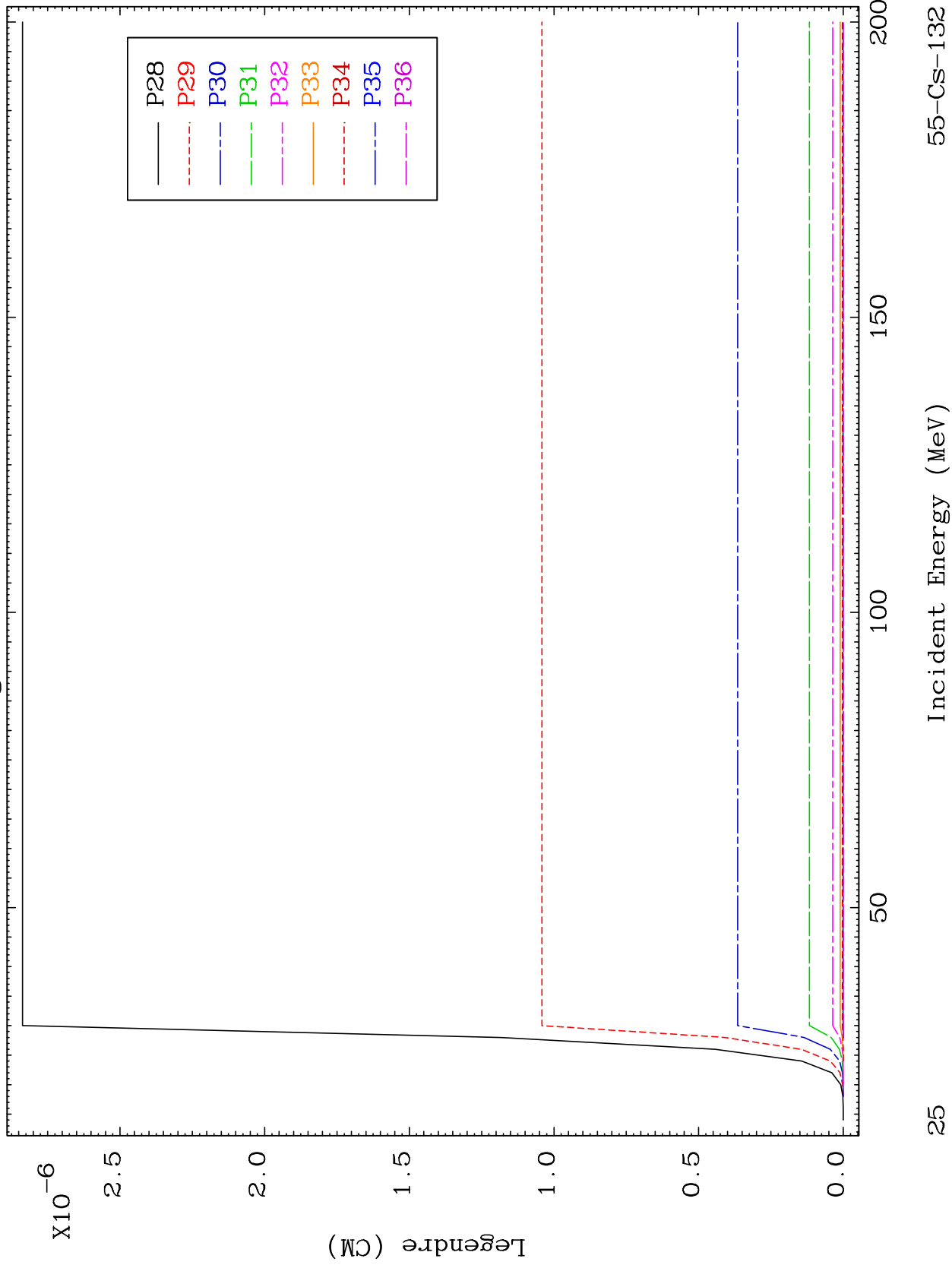




MAT 5522

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

55-Cs-132



25

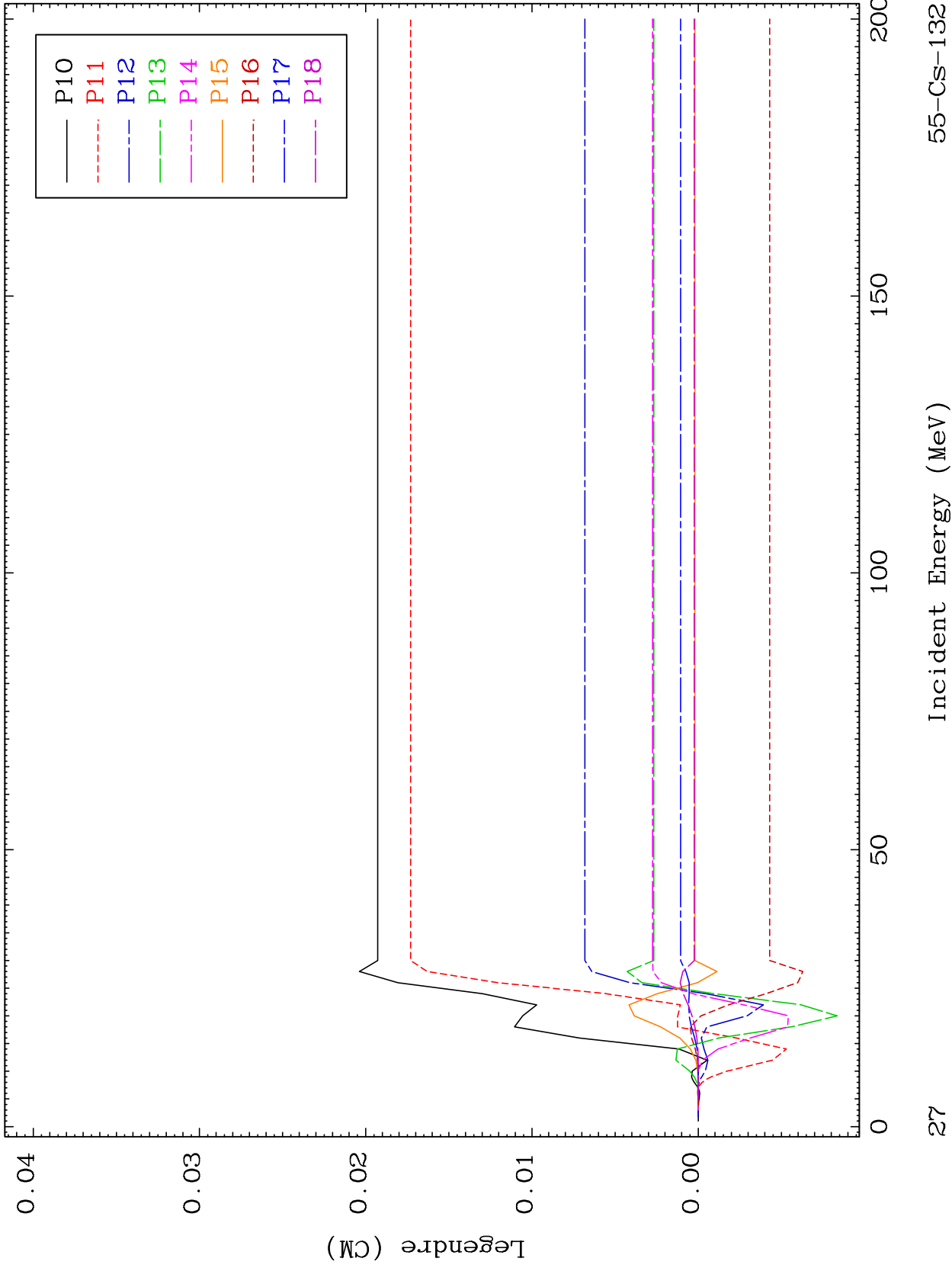
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

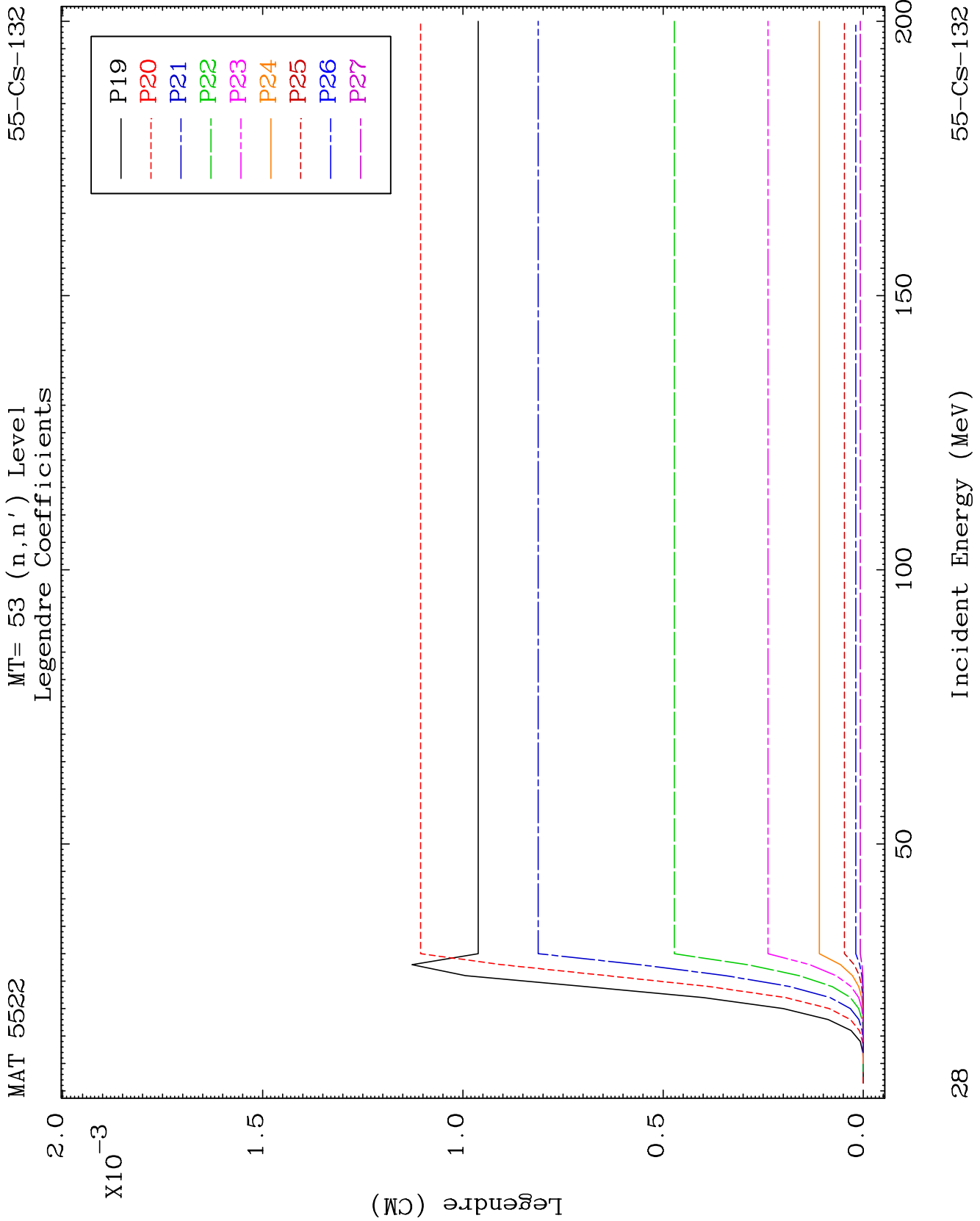
55-Cs-132



27

Incident Energy (MeV)

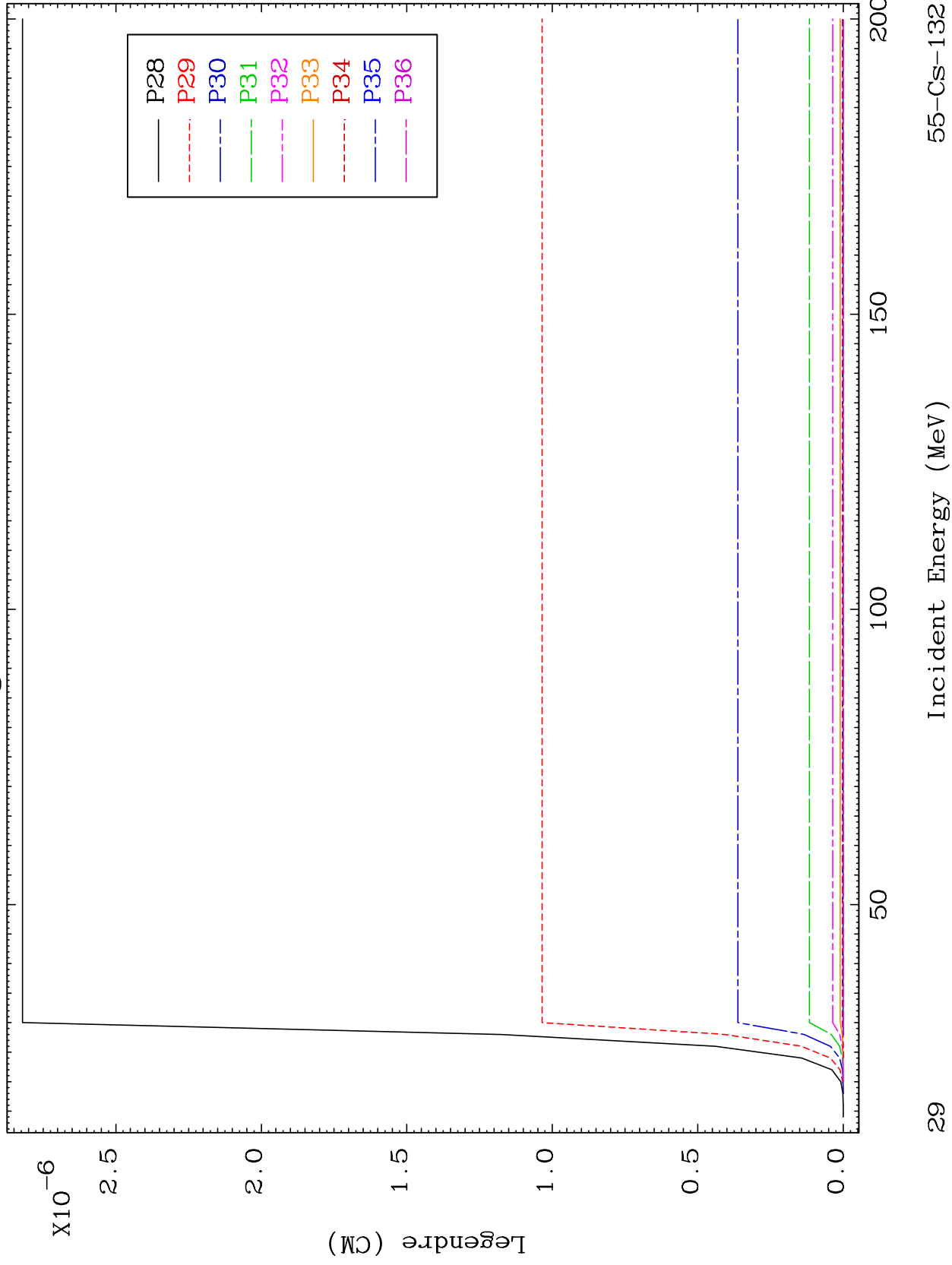
55-Cs-132



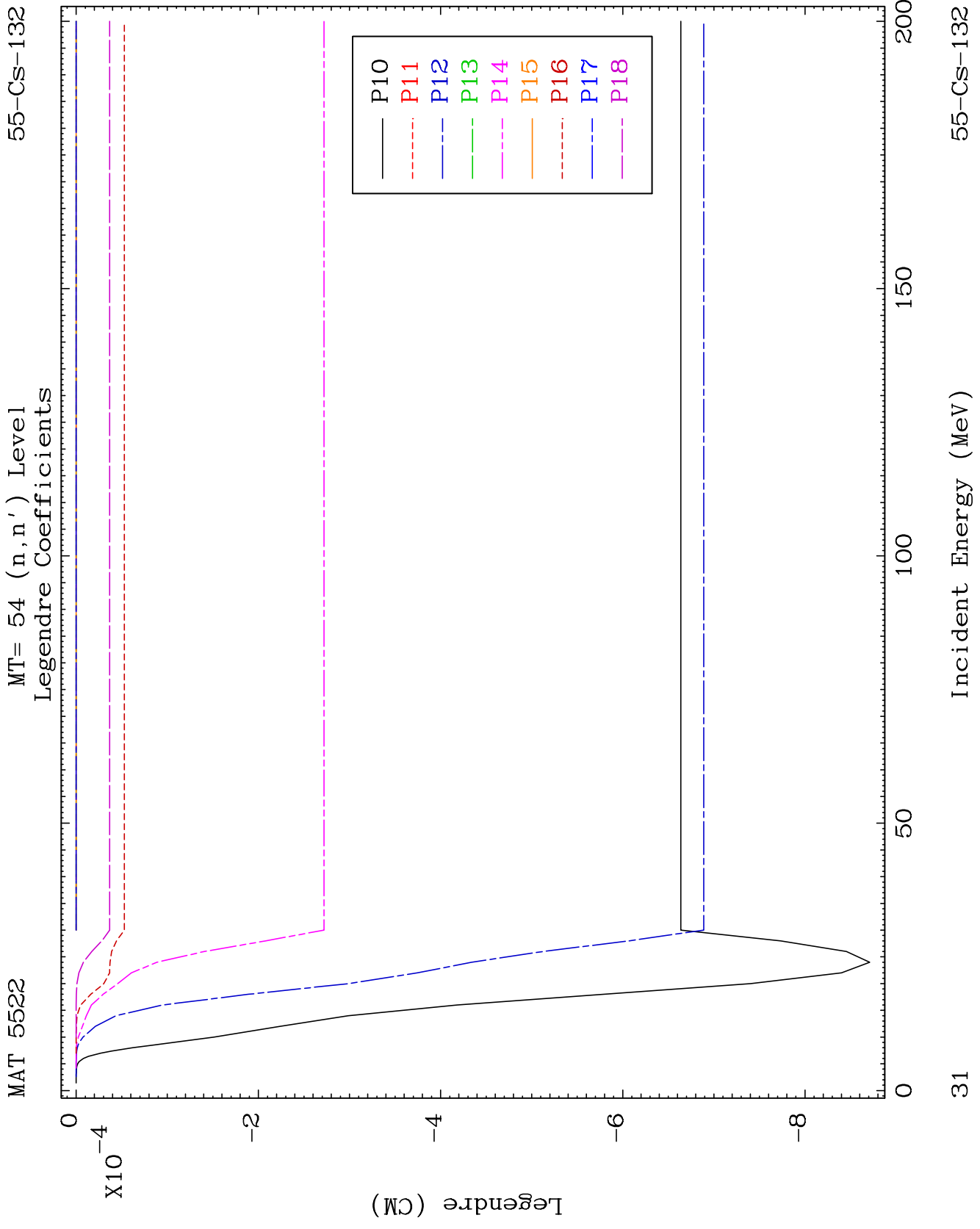
MAT 5522

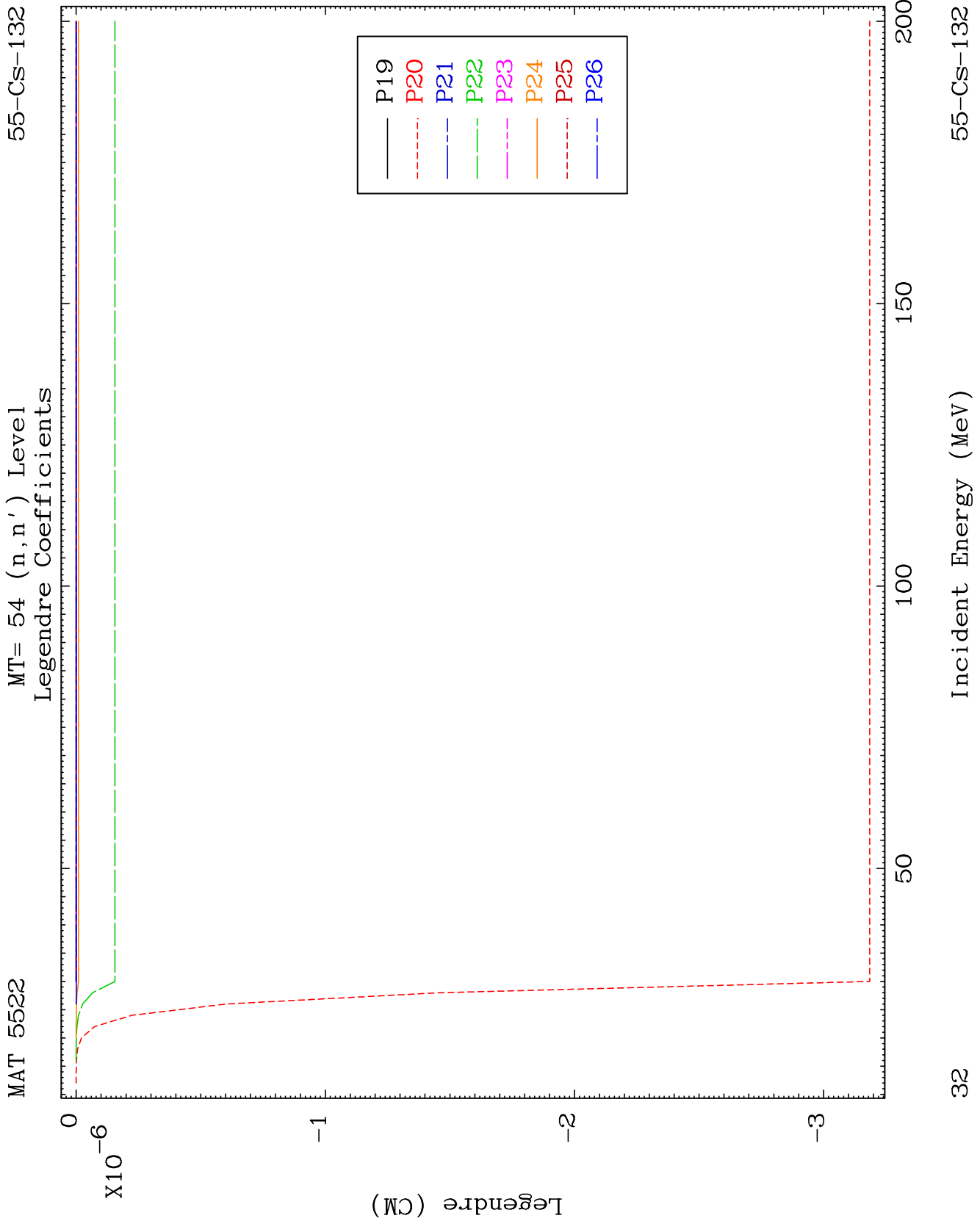
MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-132



29

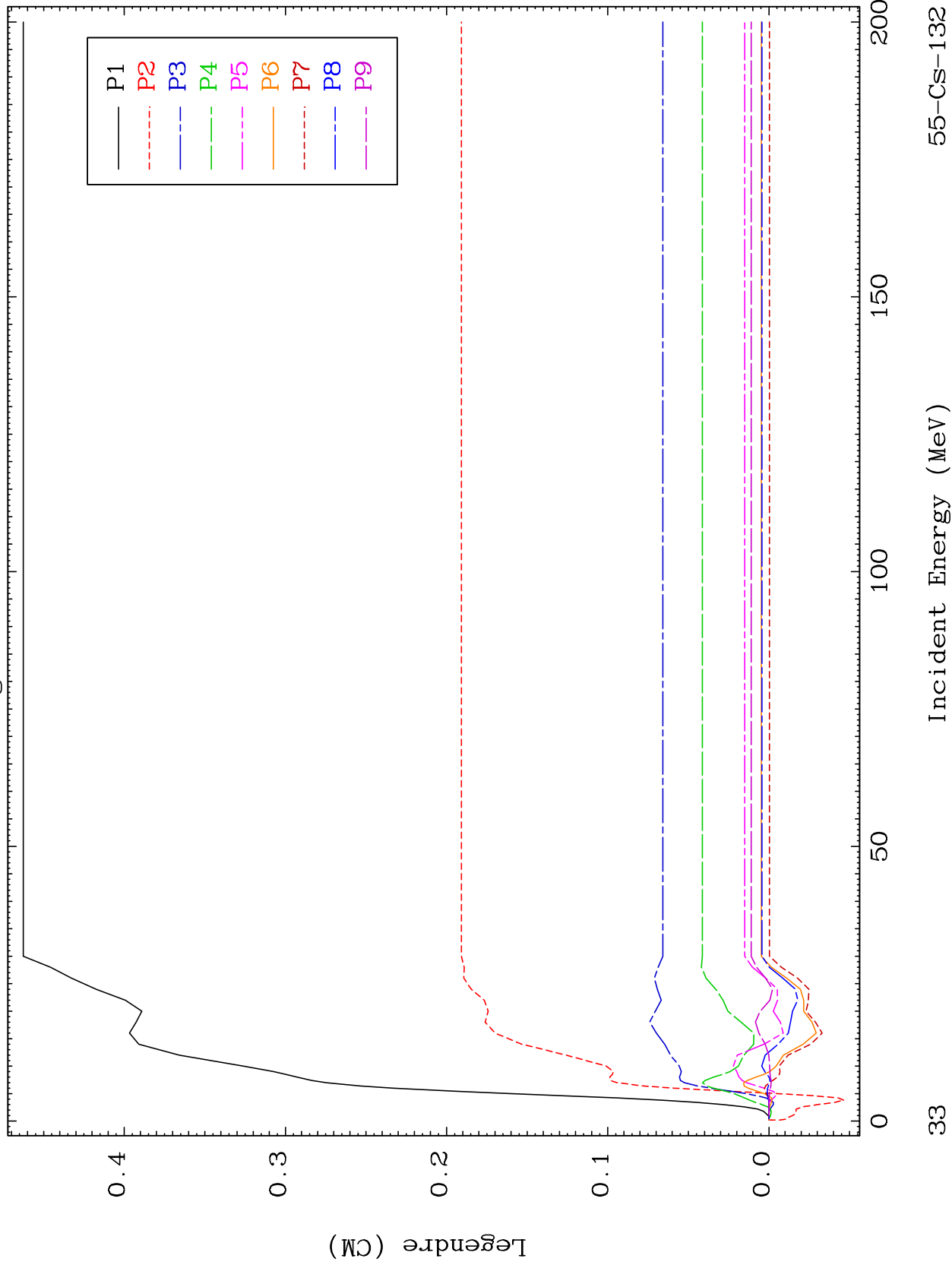




MAT 5522

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

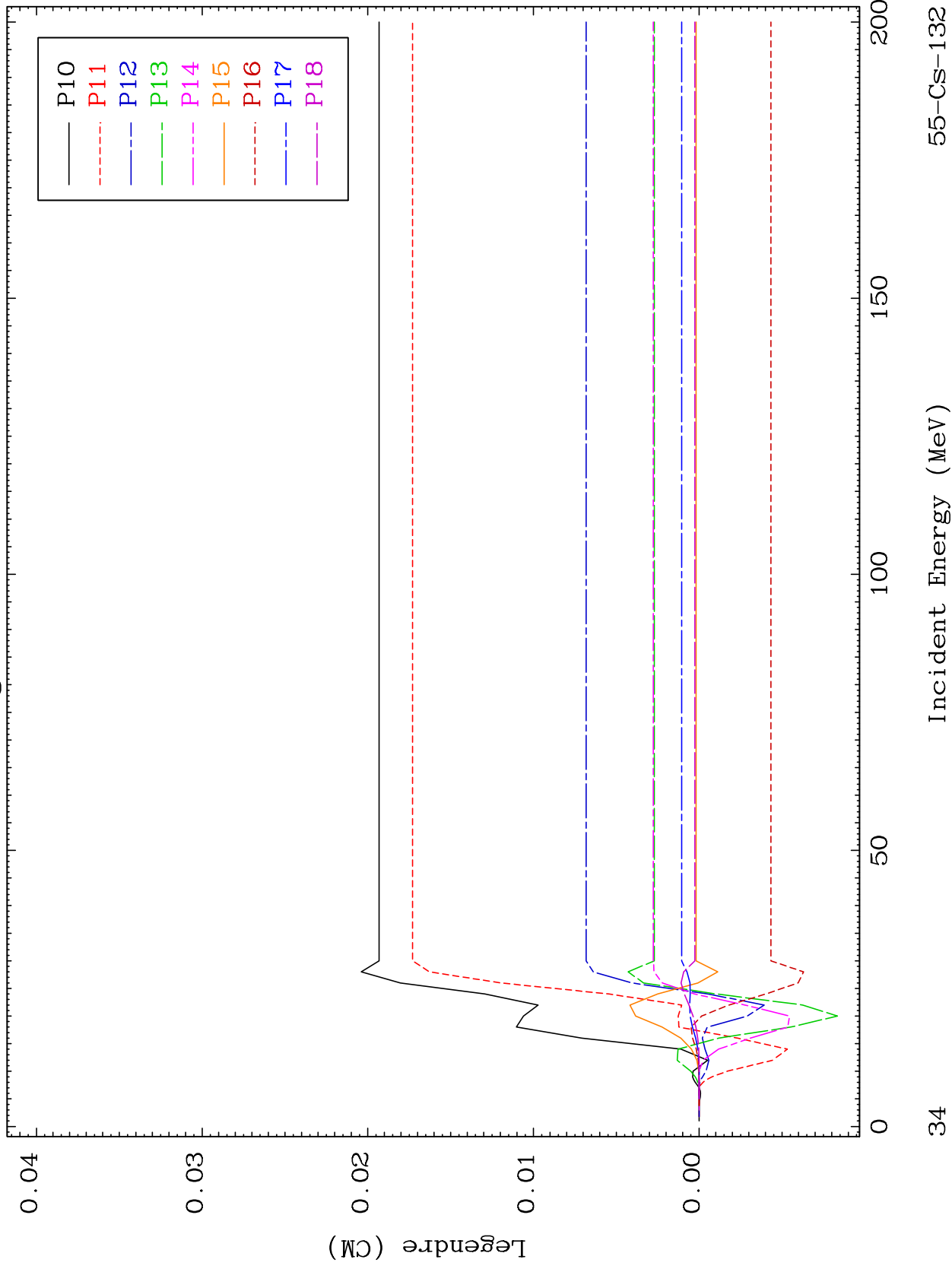
55-Cs-132



MAT 5522

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

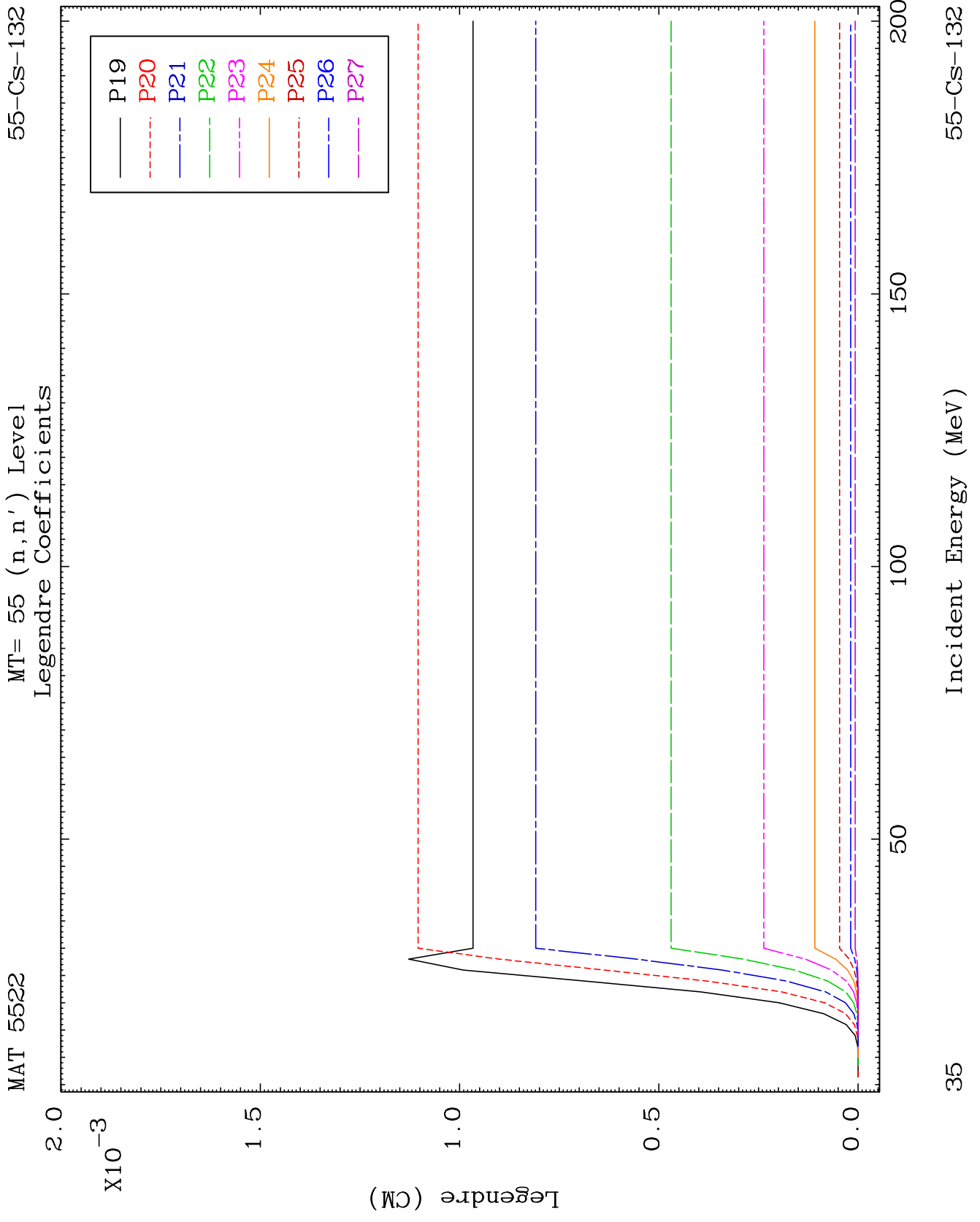
55-Cs-132



34

Incident Energy (MeV)

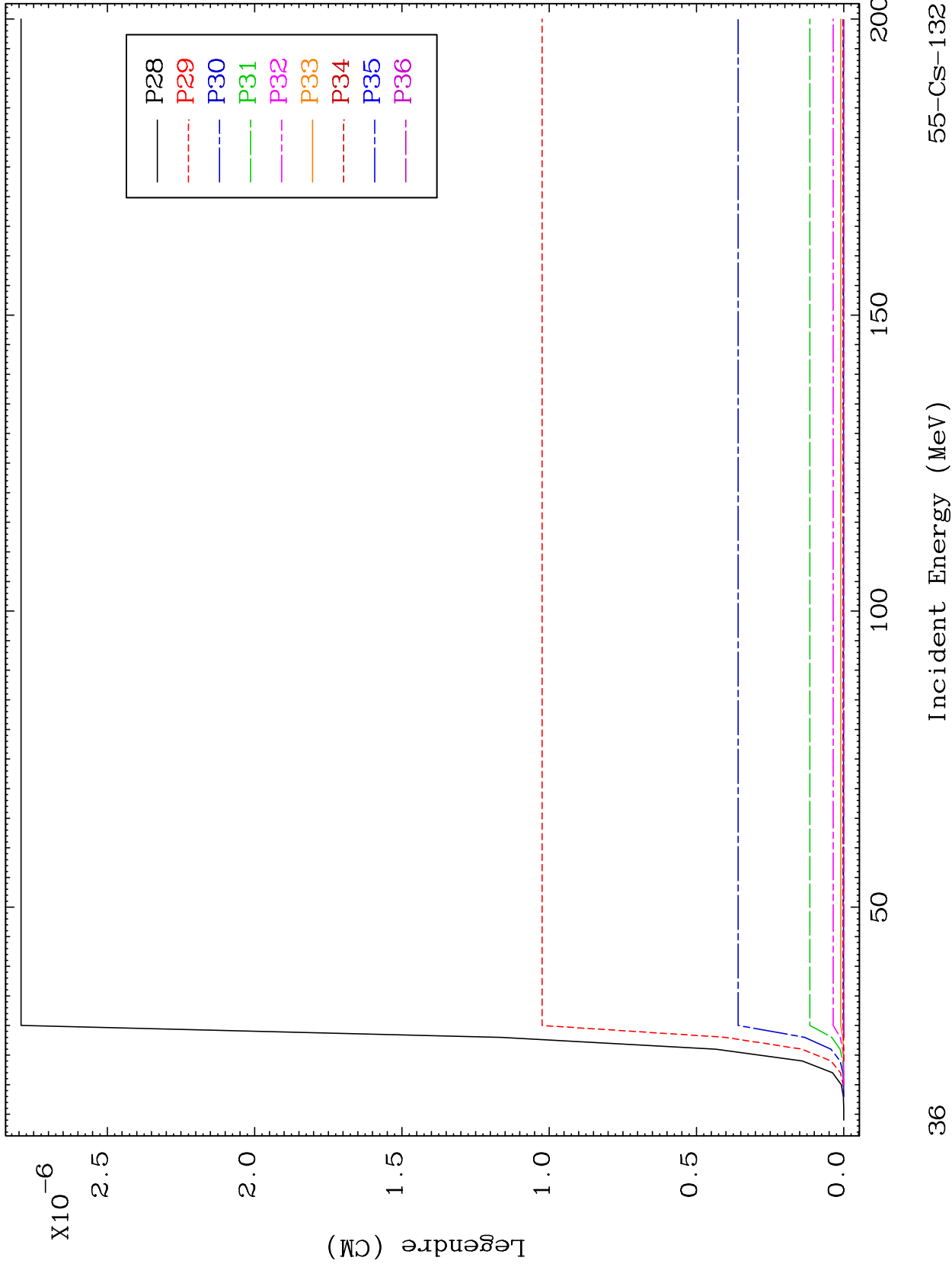
55-Cs-132



MAT 5522

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

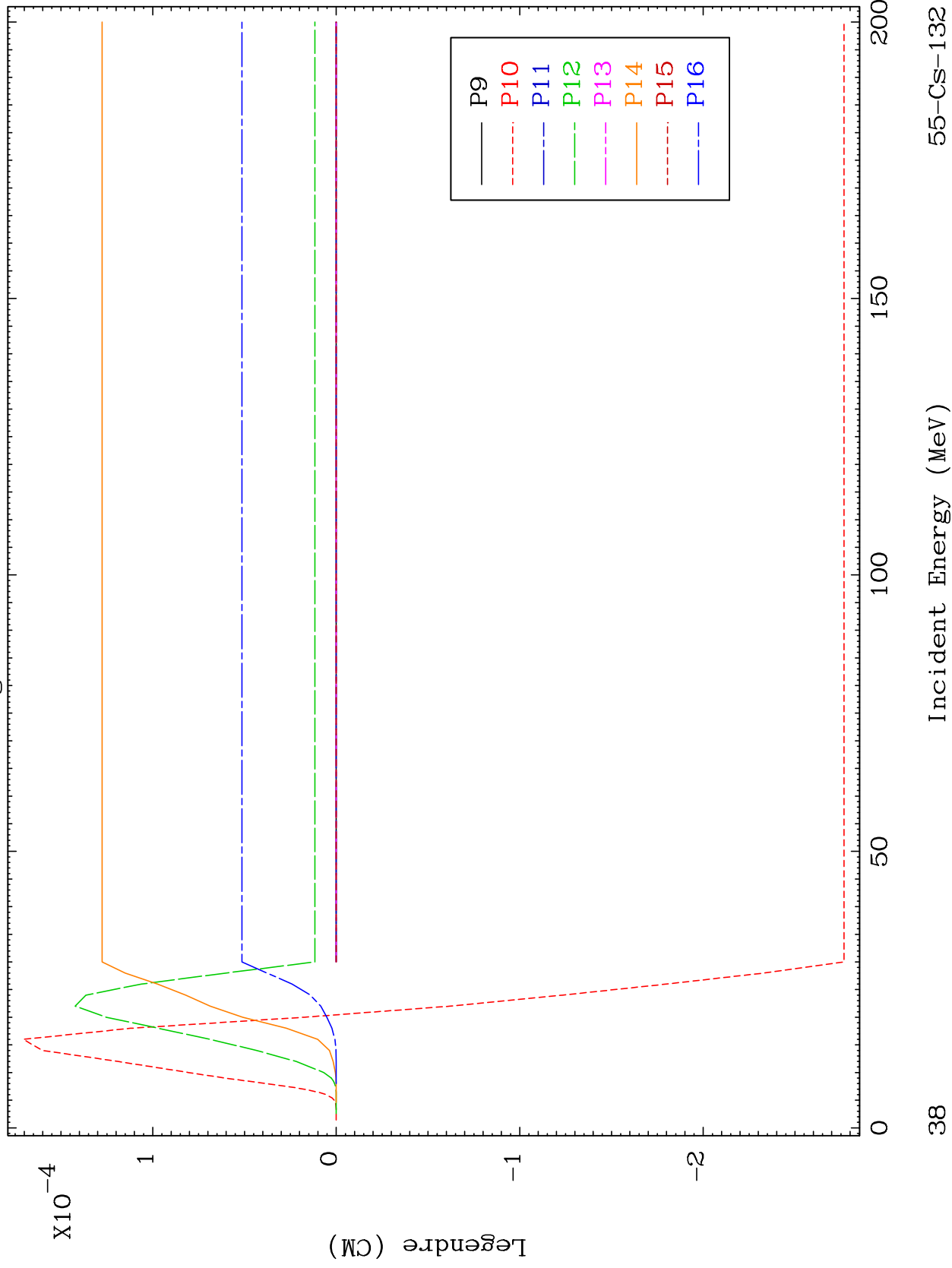
55-Cs-132



MAT 5522

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

55-Cs-132



55-Cs-132

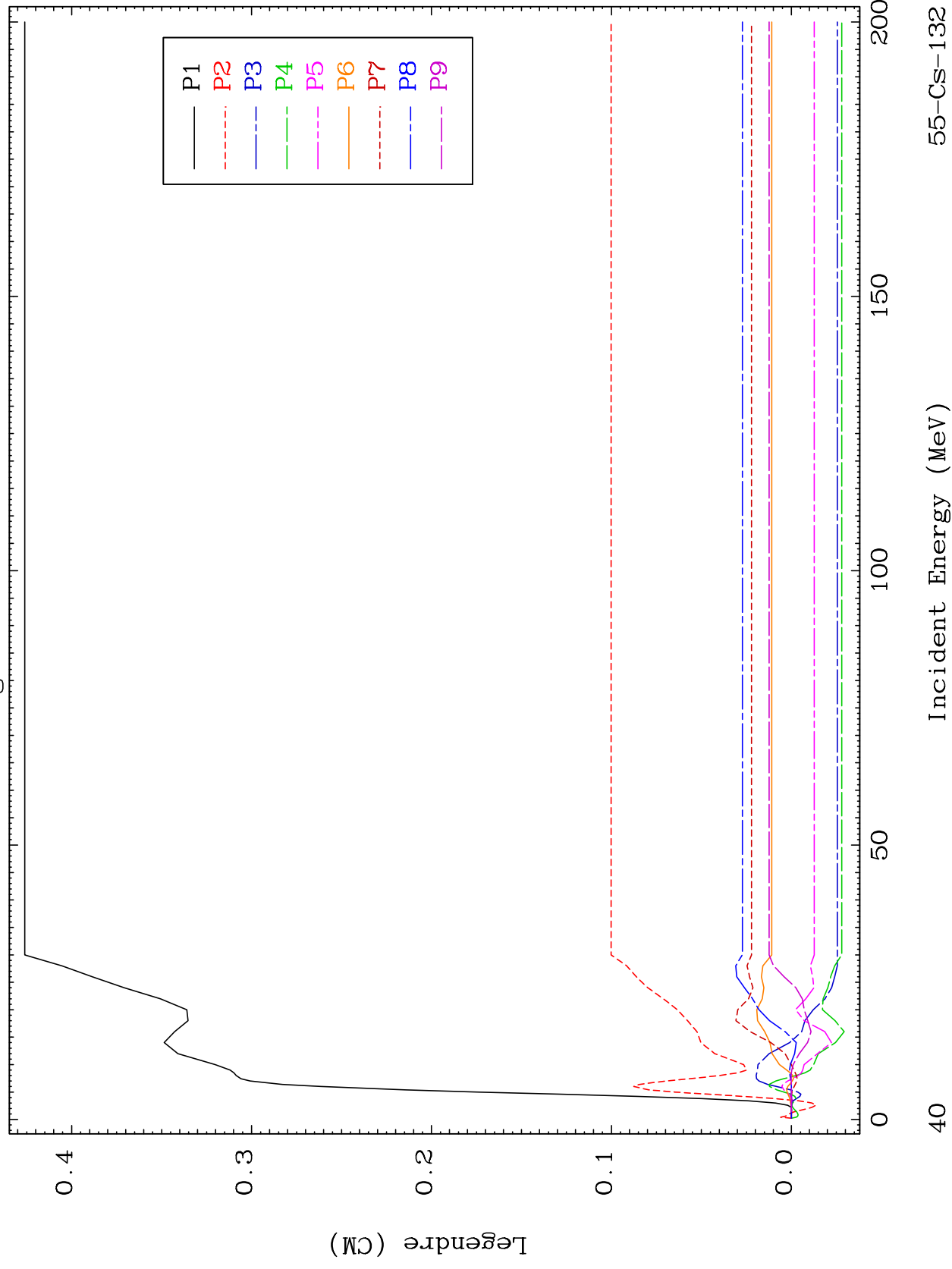
Incident Energy (MeV)

38

MAT 5522

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

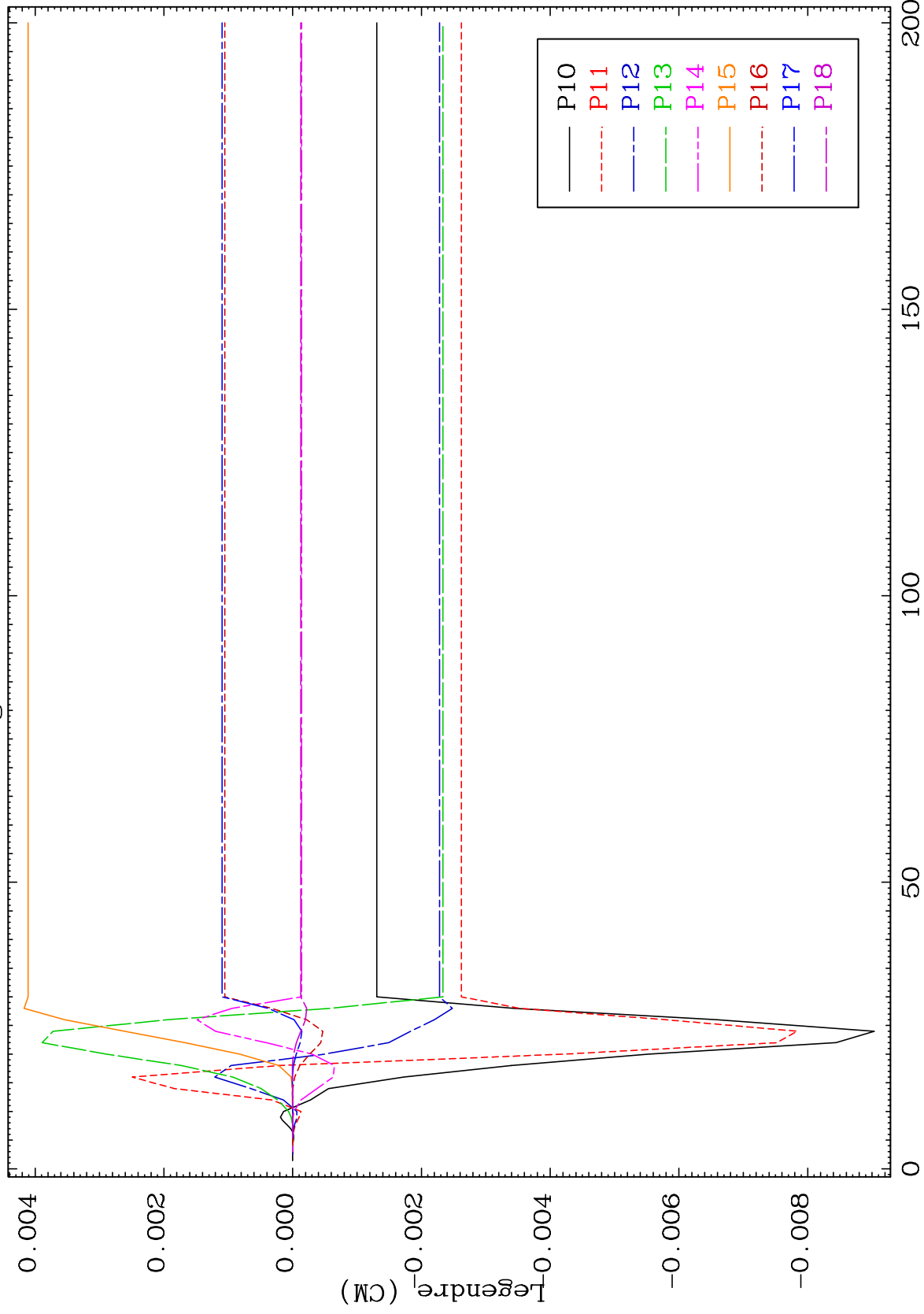
55-Cs-132



MAT 5522

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

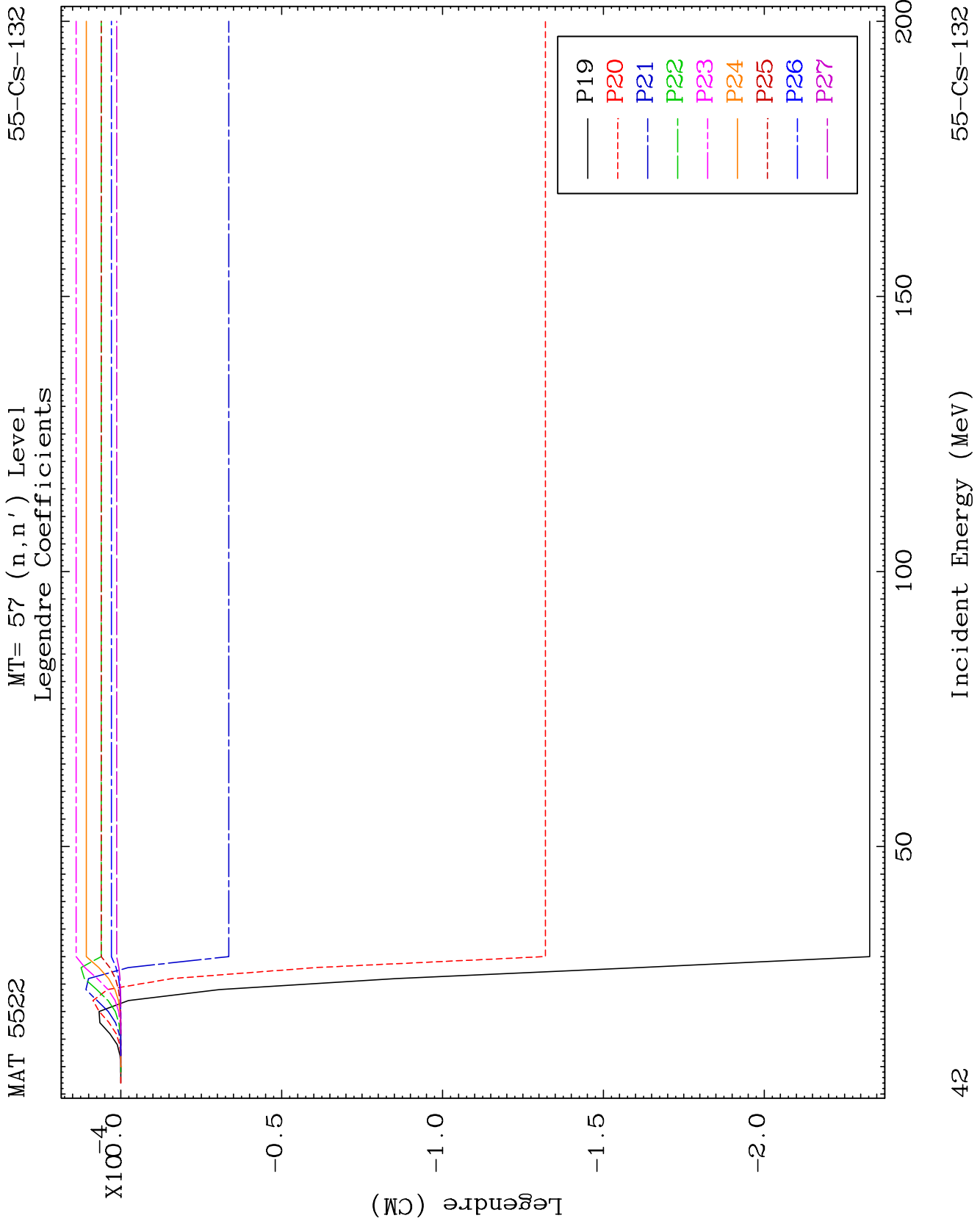
55-Cs-132



41

Incident Energy (MeV)

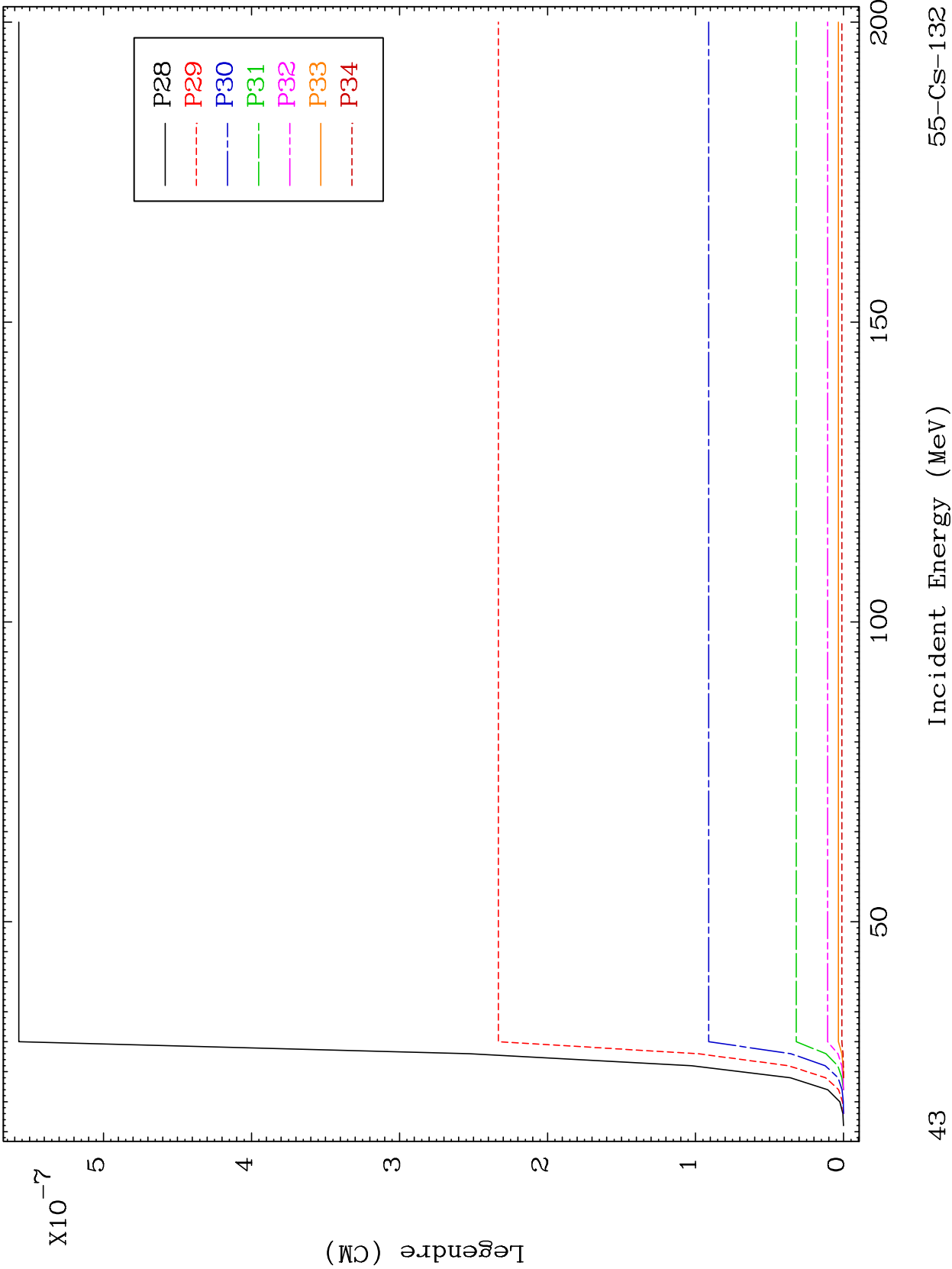
55-Cs-132



MAT 5522

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

55-Cs-132



43

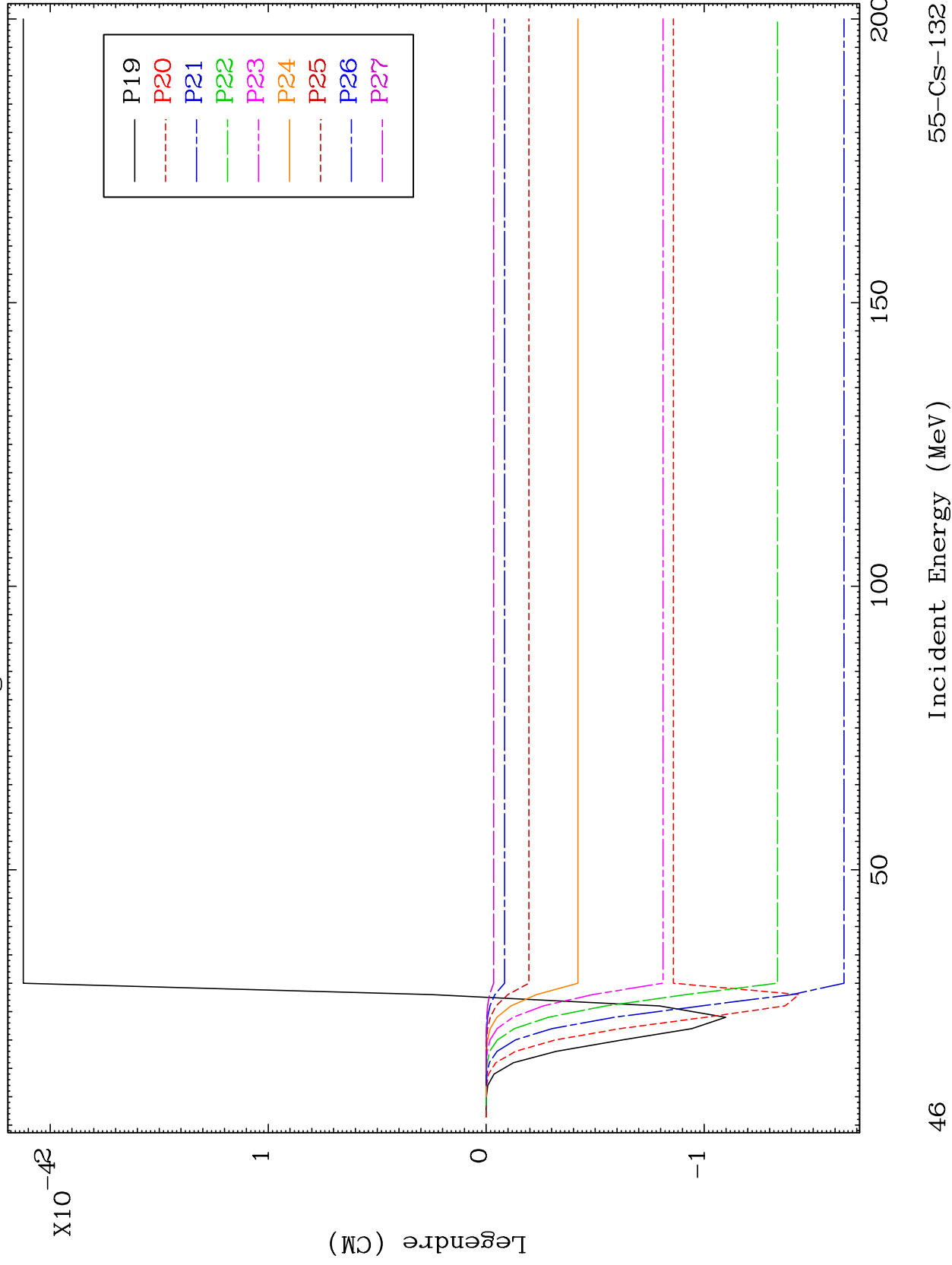
Incident Energy (MeV)

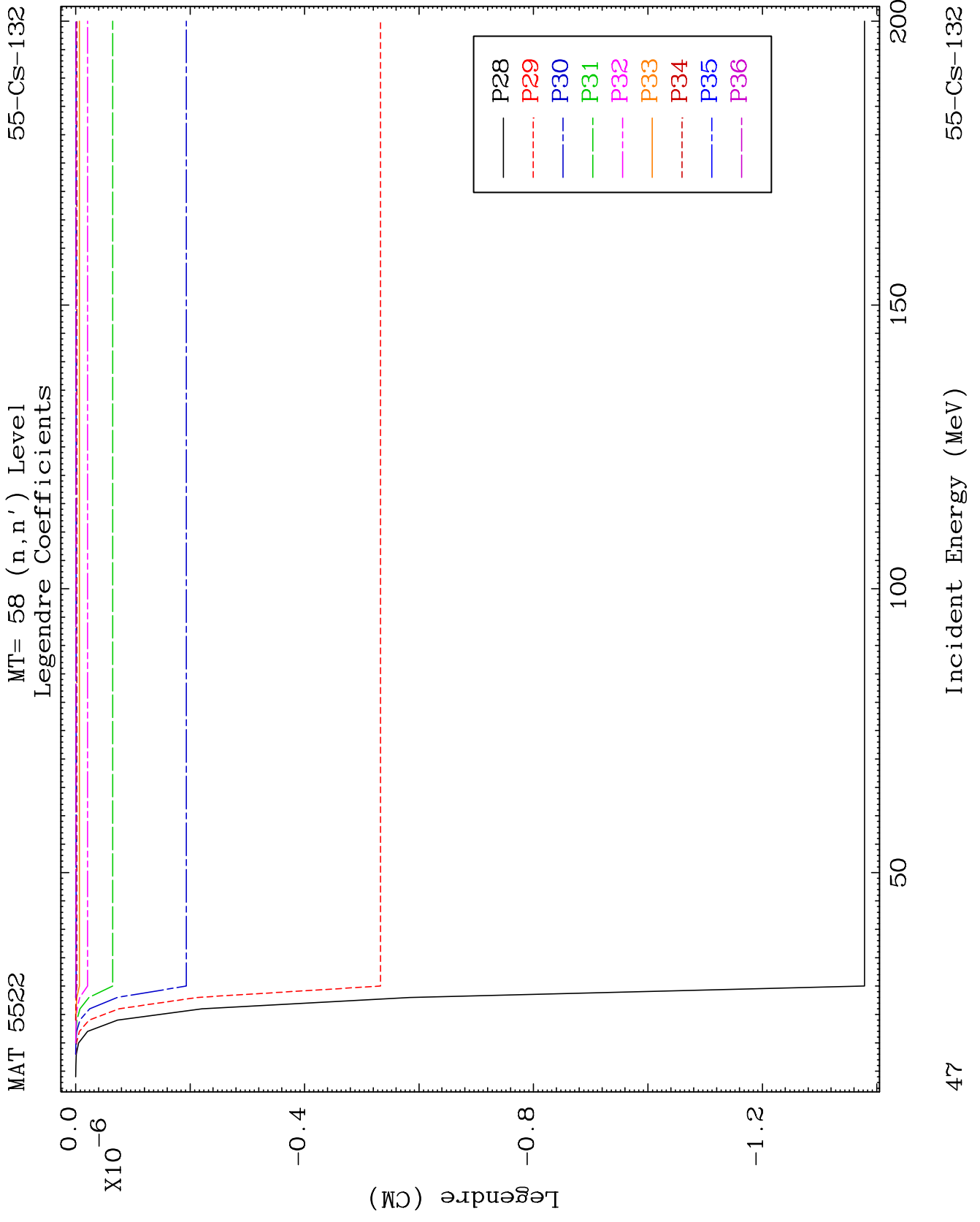
55-Cs-132

MAT 5522

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

55-Cs-132

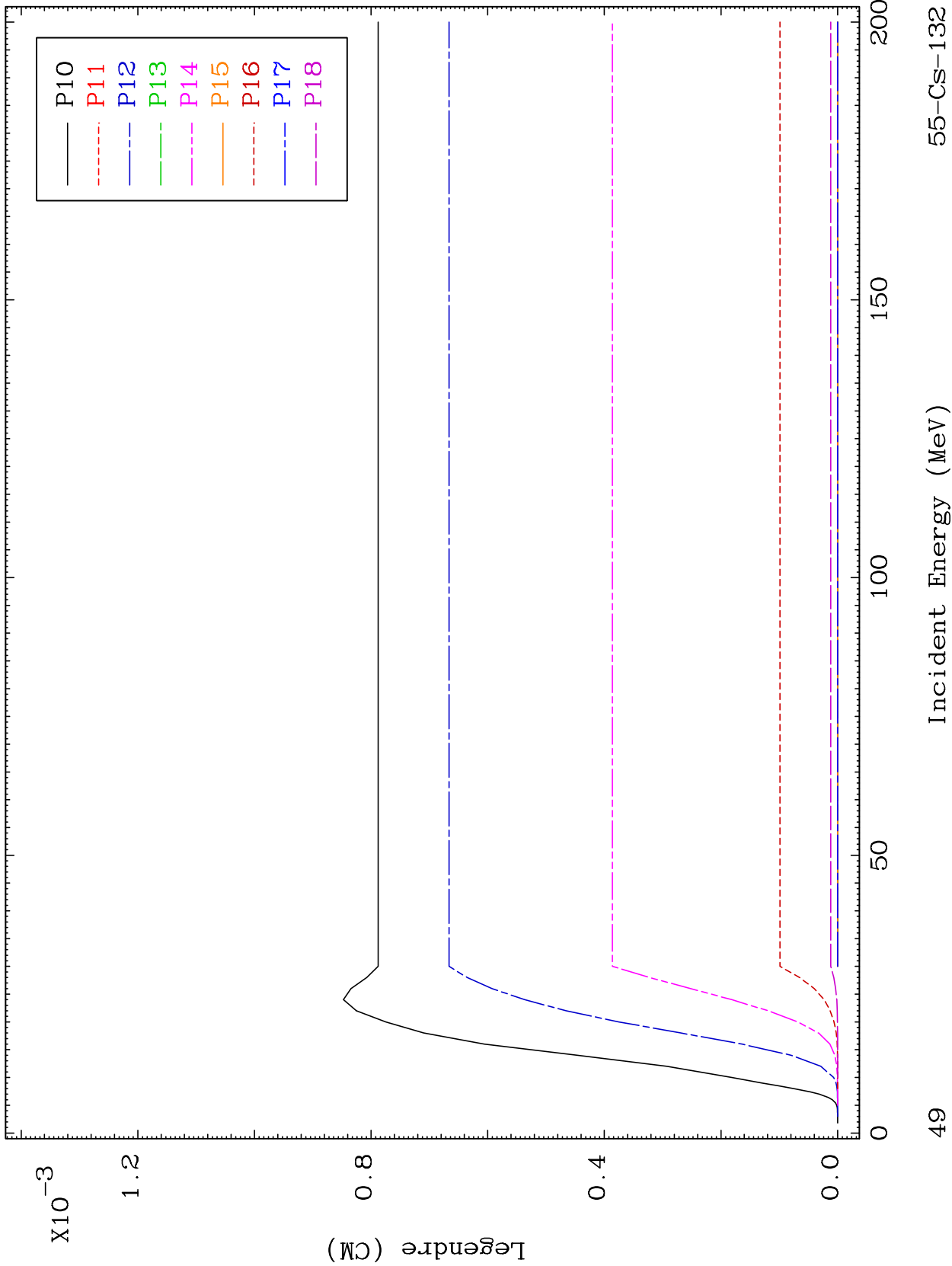




MAT 5522

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

55-Cs-132



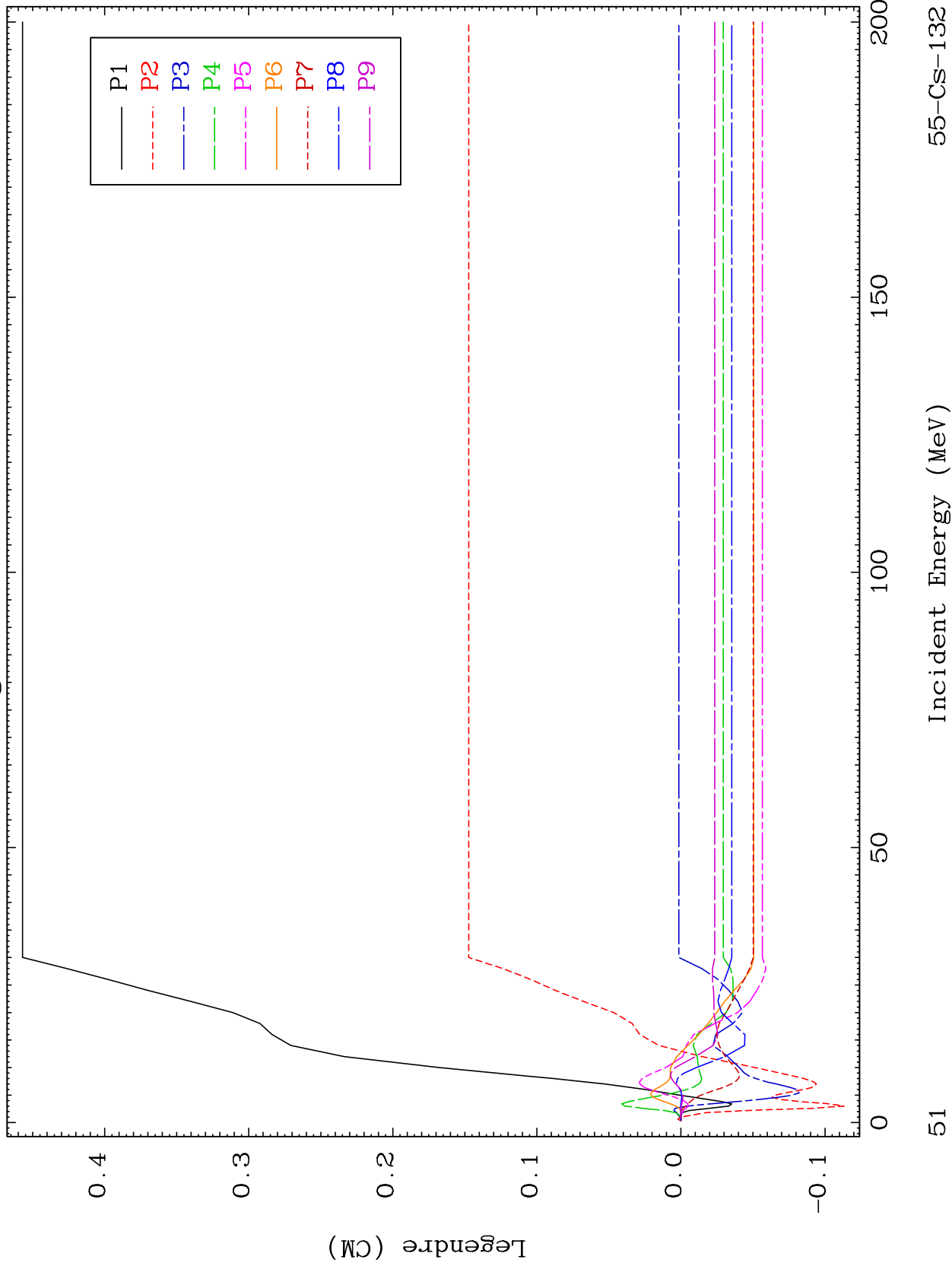
49

55-Cs-132

MAT 5522

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

55-Cs-132



55-Cs-132

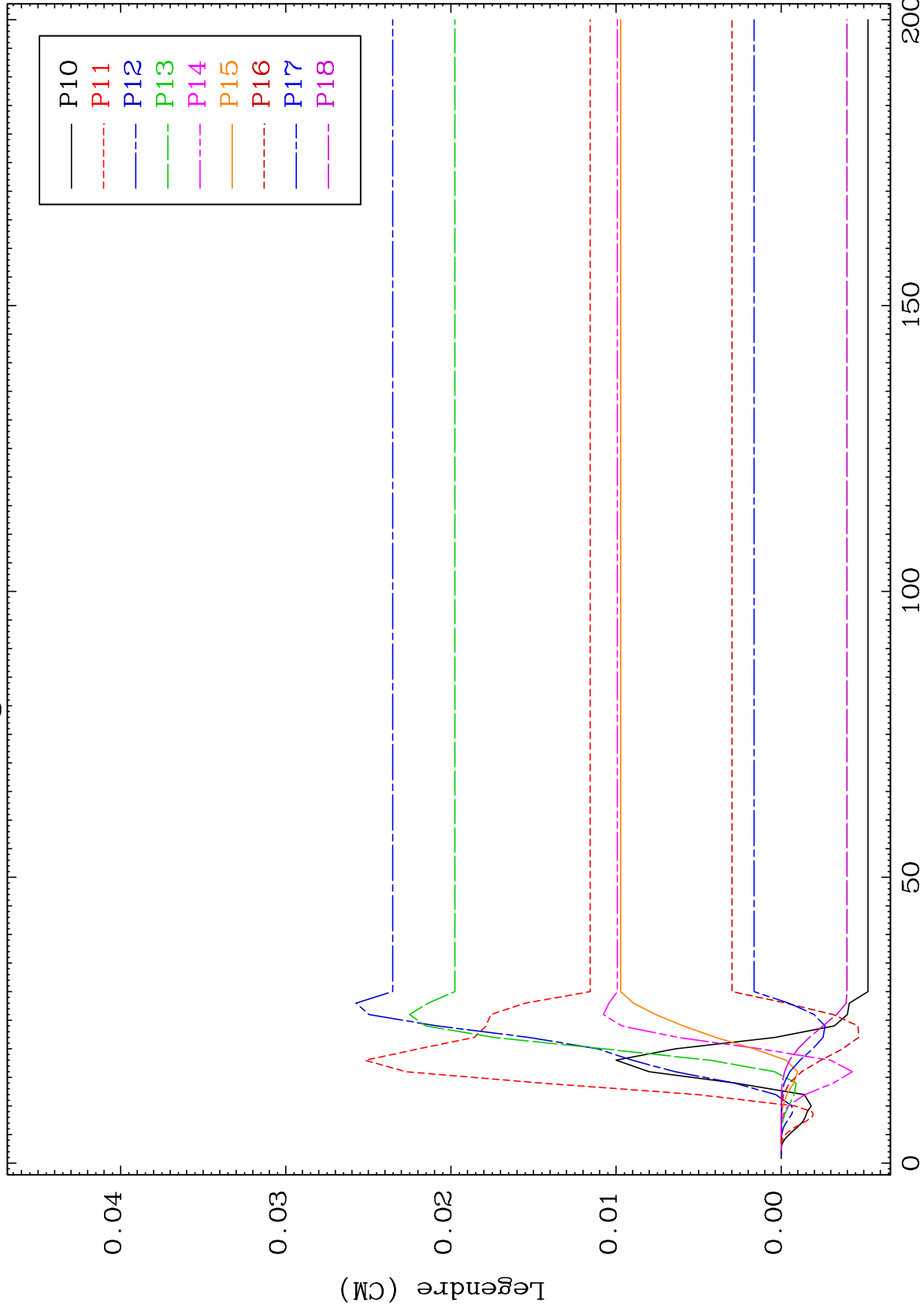
Incident Energy (MeV)

51

MAT 5522

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

55-Cs-132



52

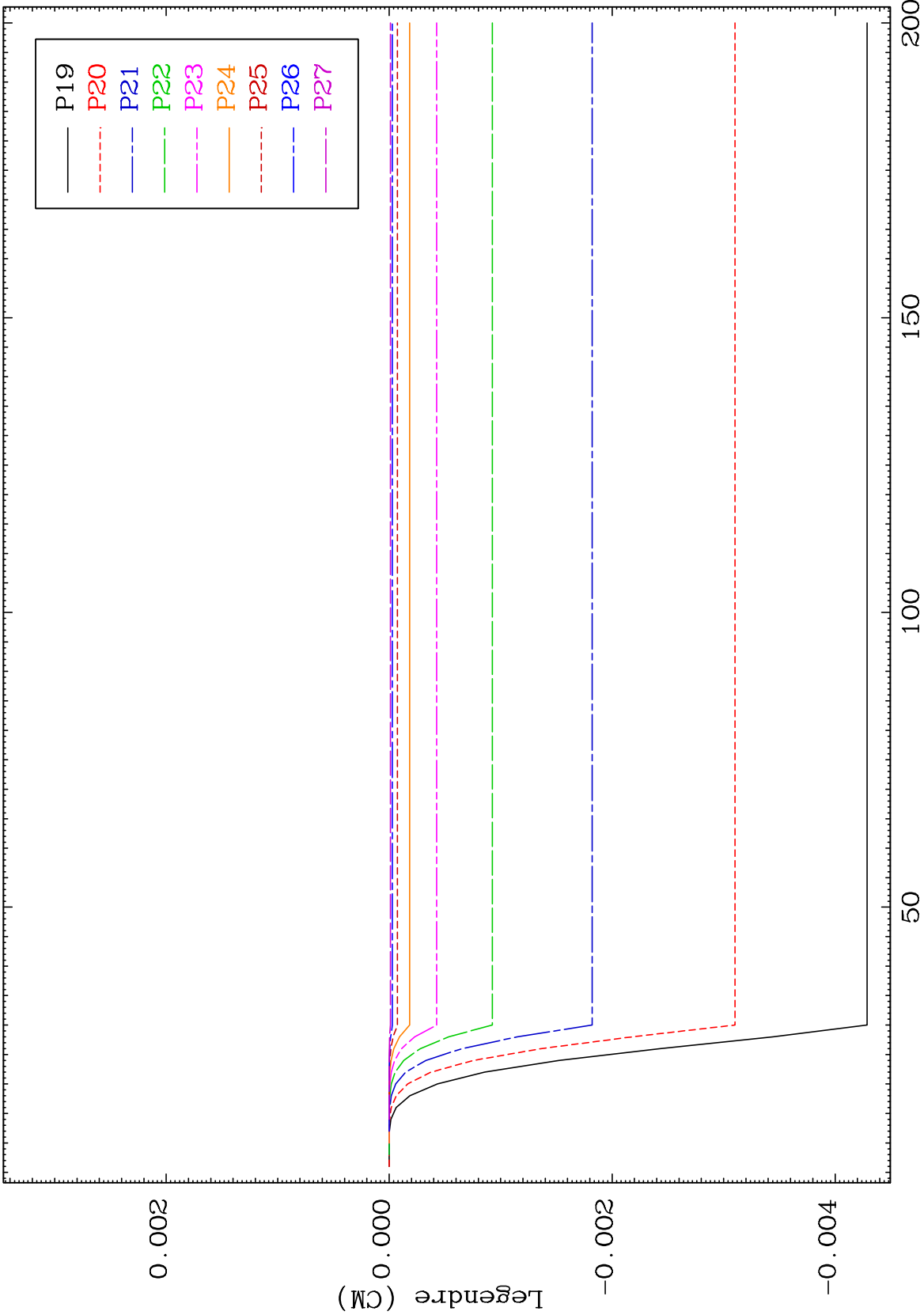
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

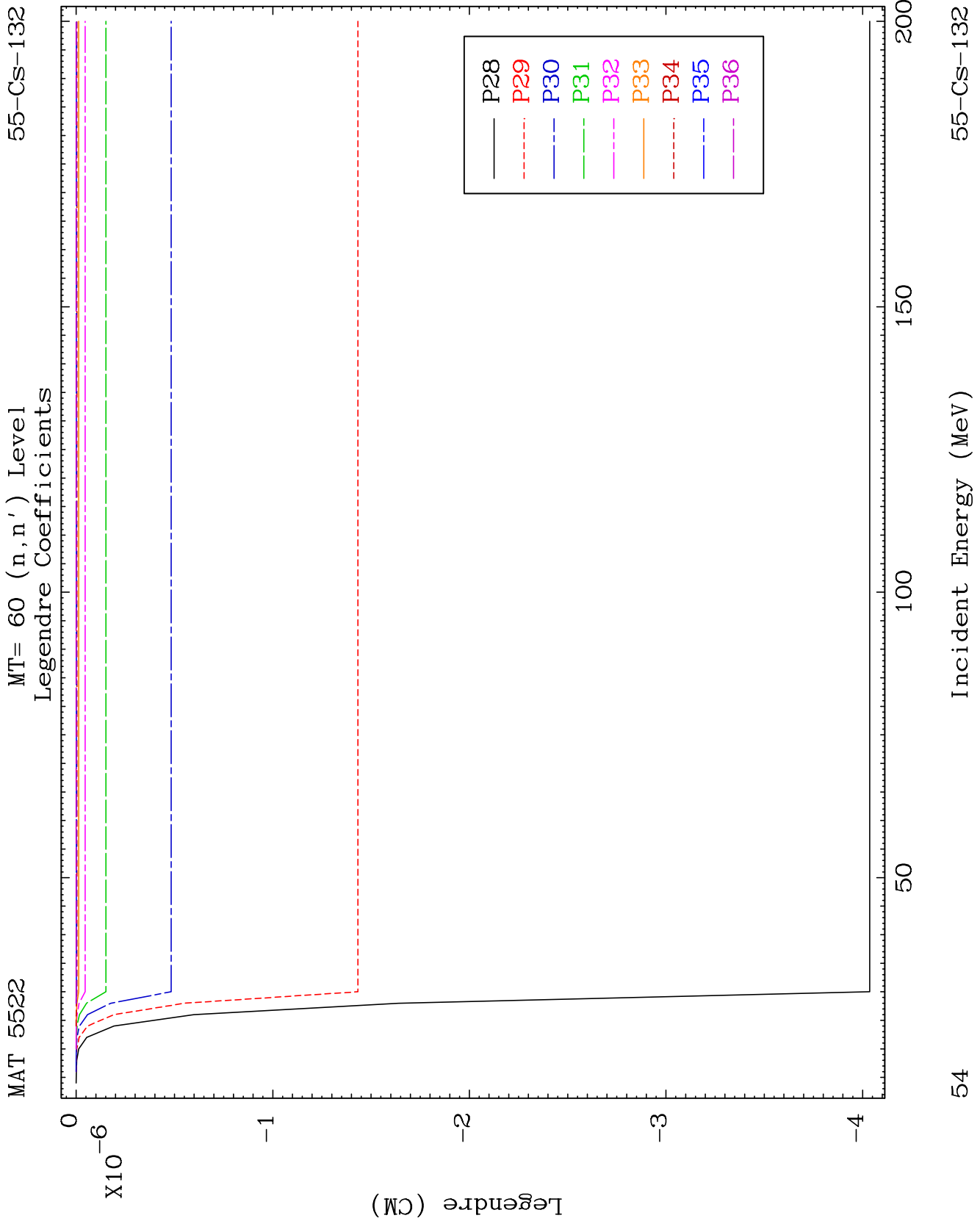
55-Cs-132



53

Incident Energy (MeV)

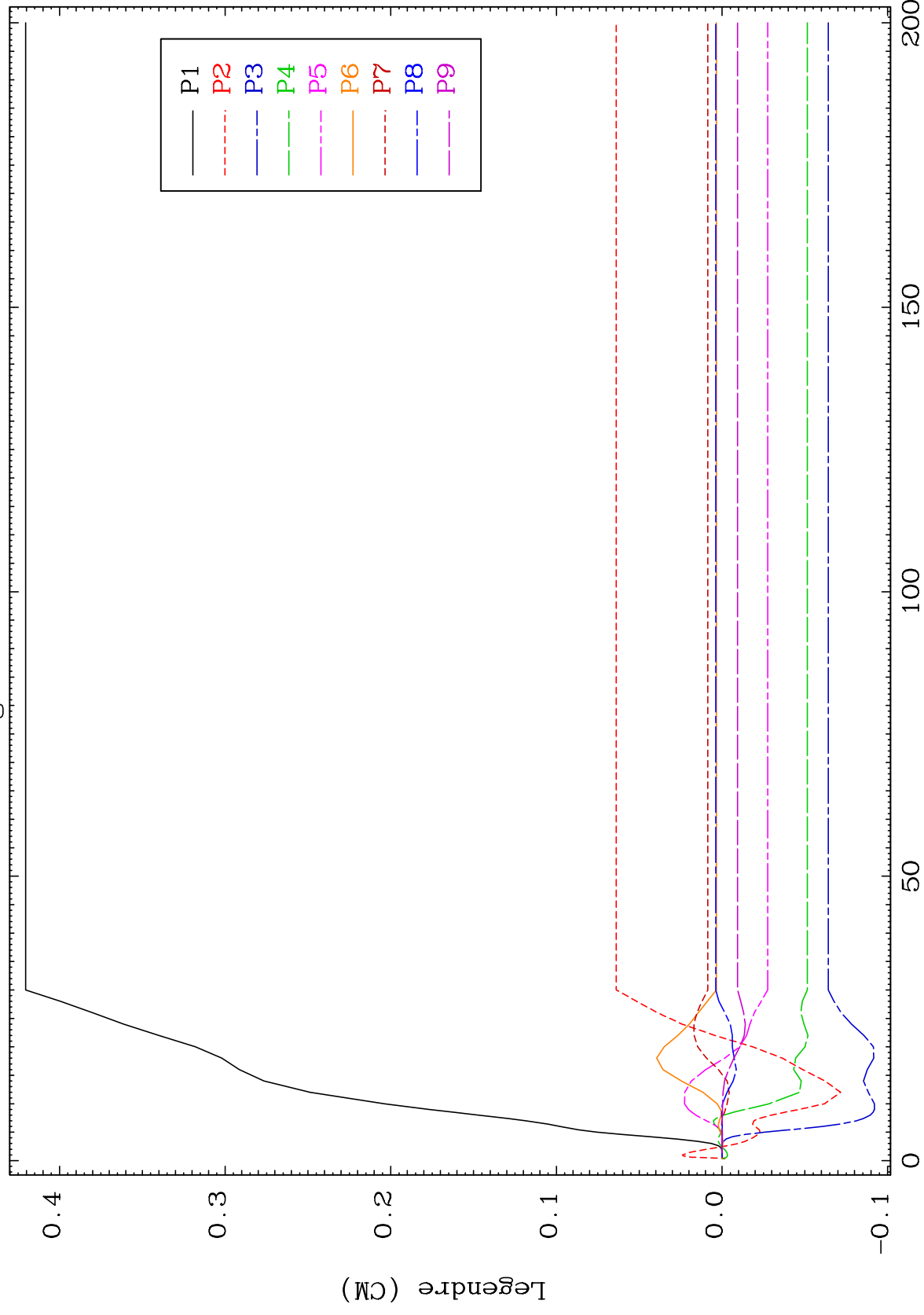
55-Cs-132



MAT 5522

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

55-Cs-132



55-Cs-132

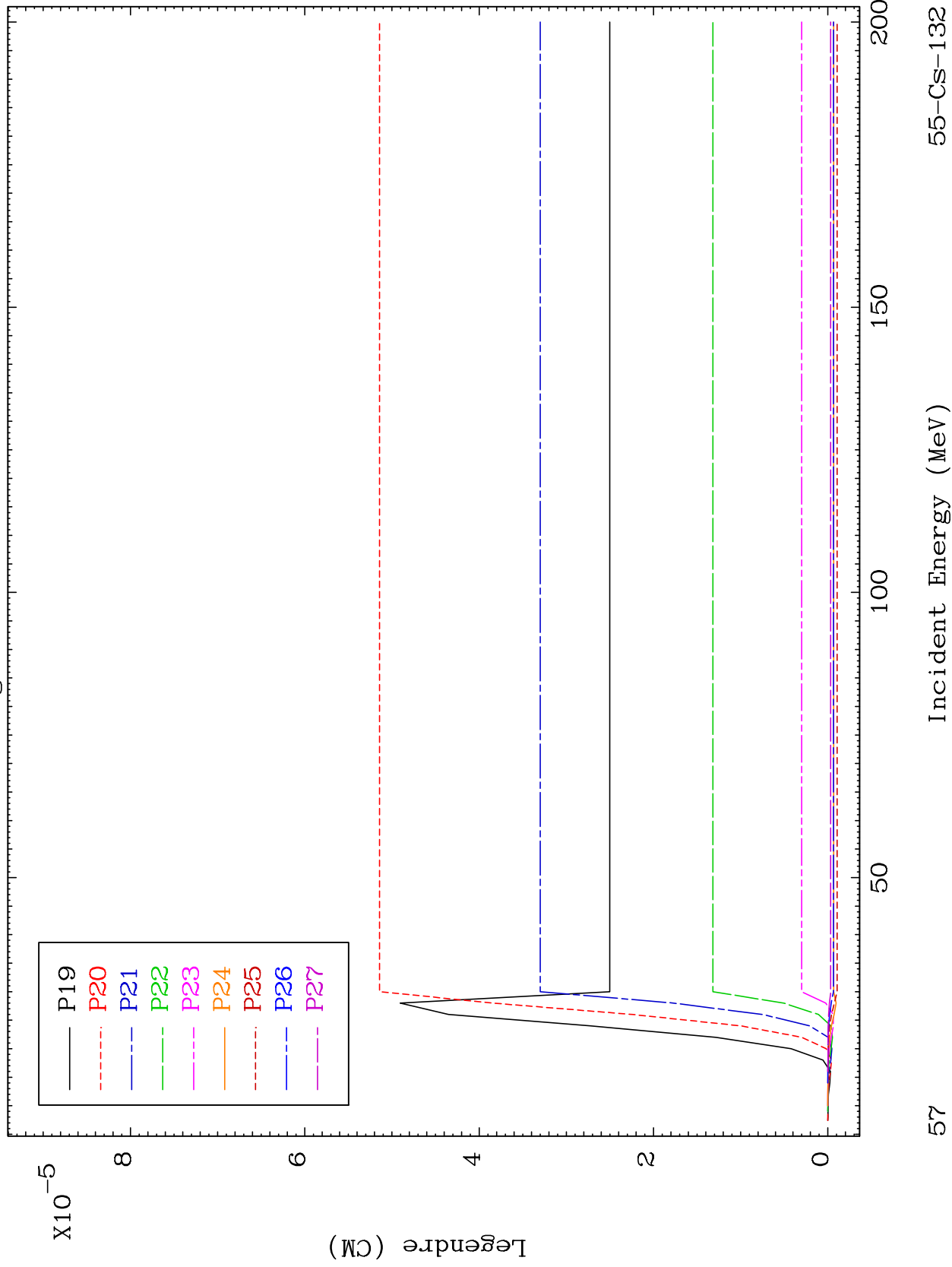
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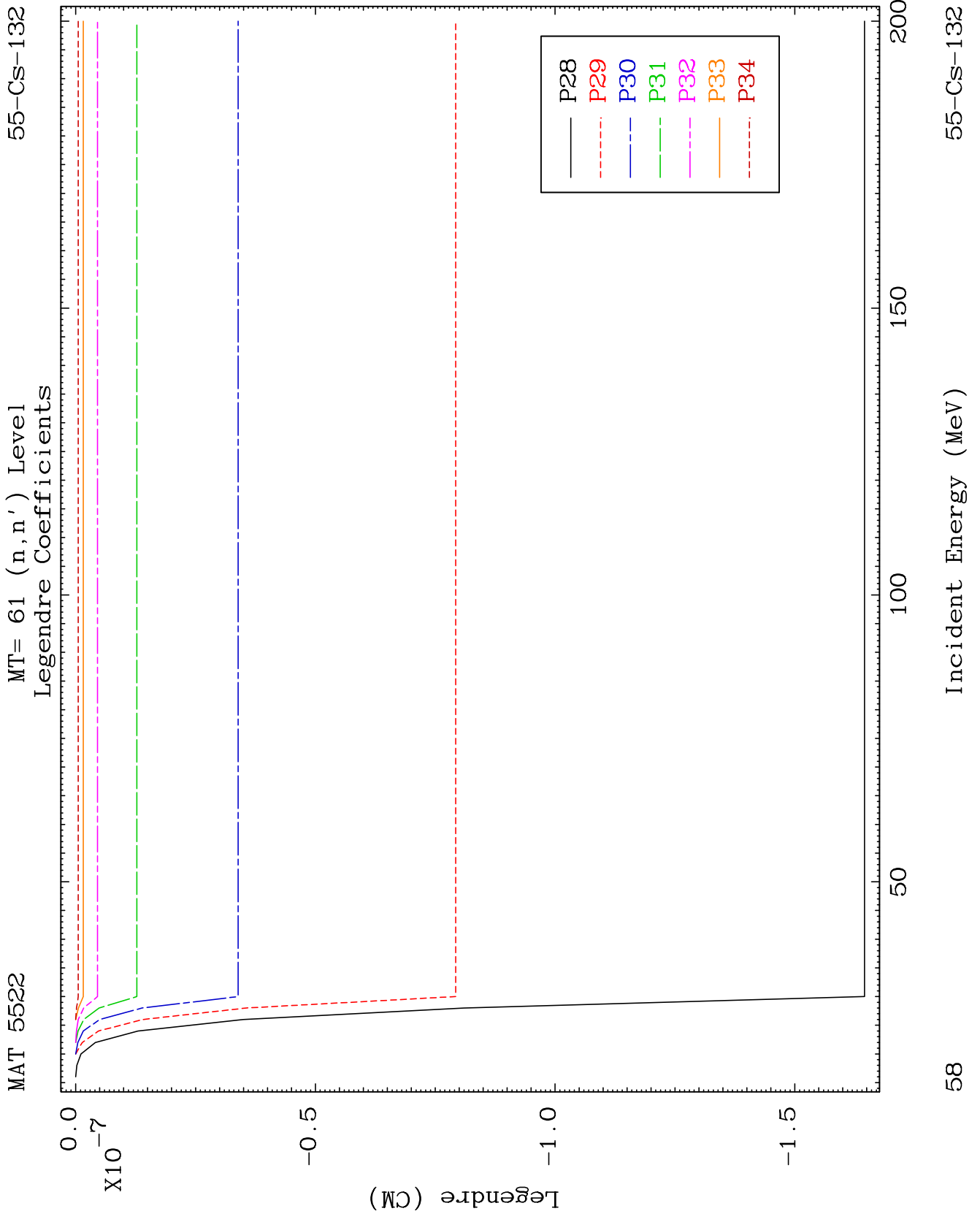
55

MAT 5522

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

55-Cs-132

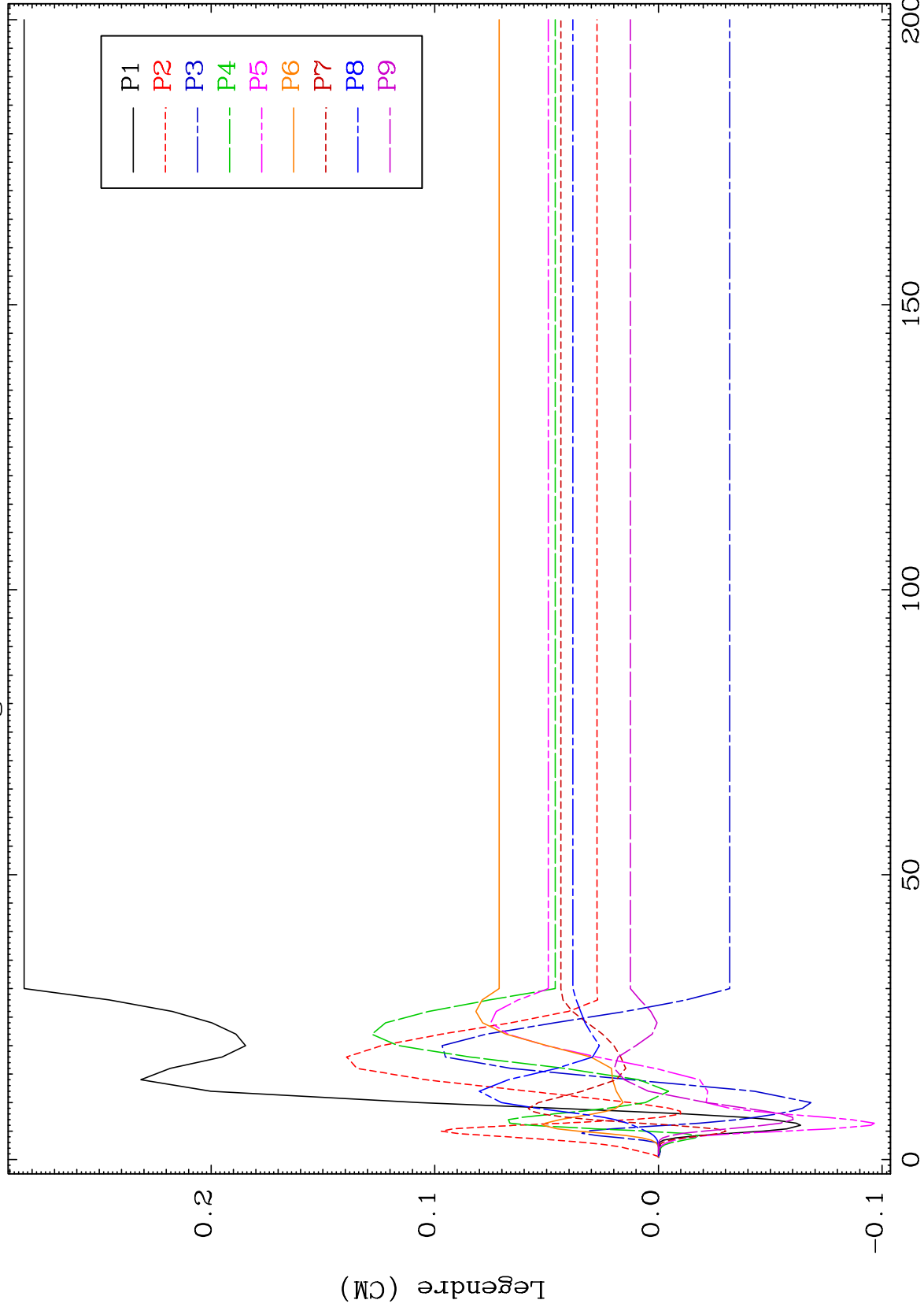




MAT 5522

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

55-Cs-132



59

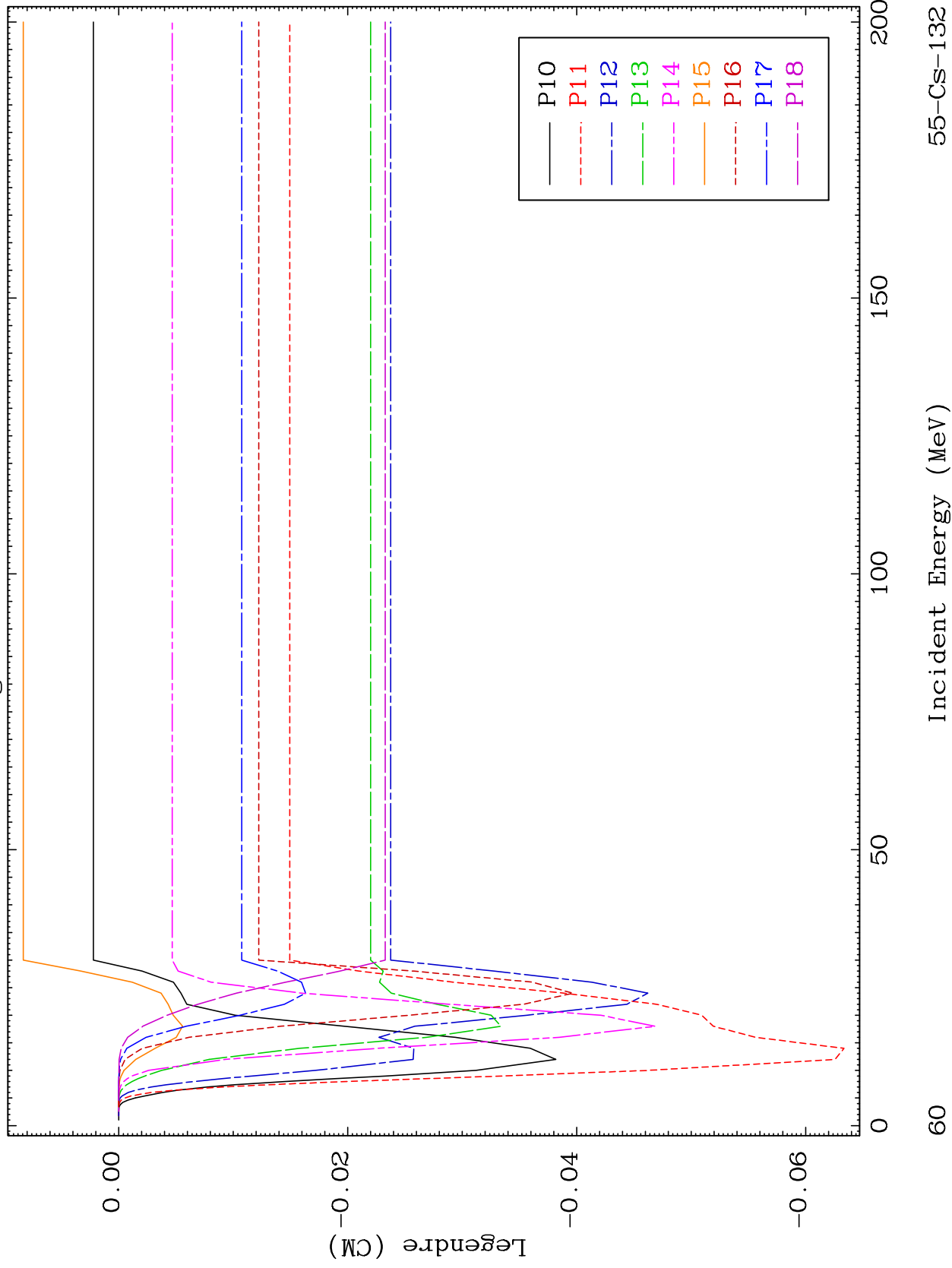
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

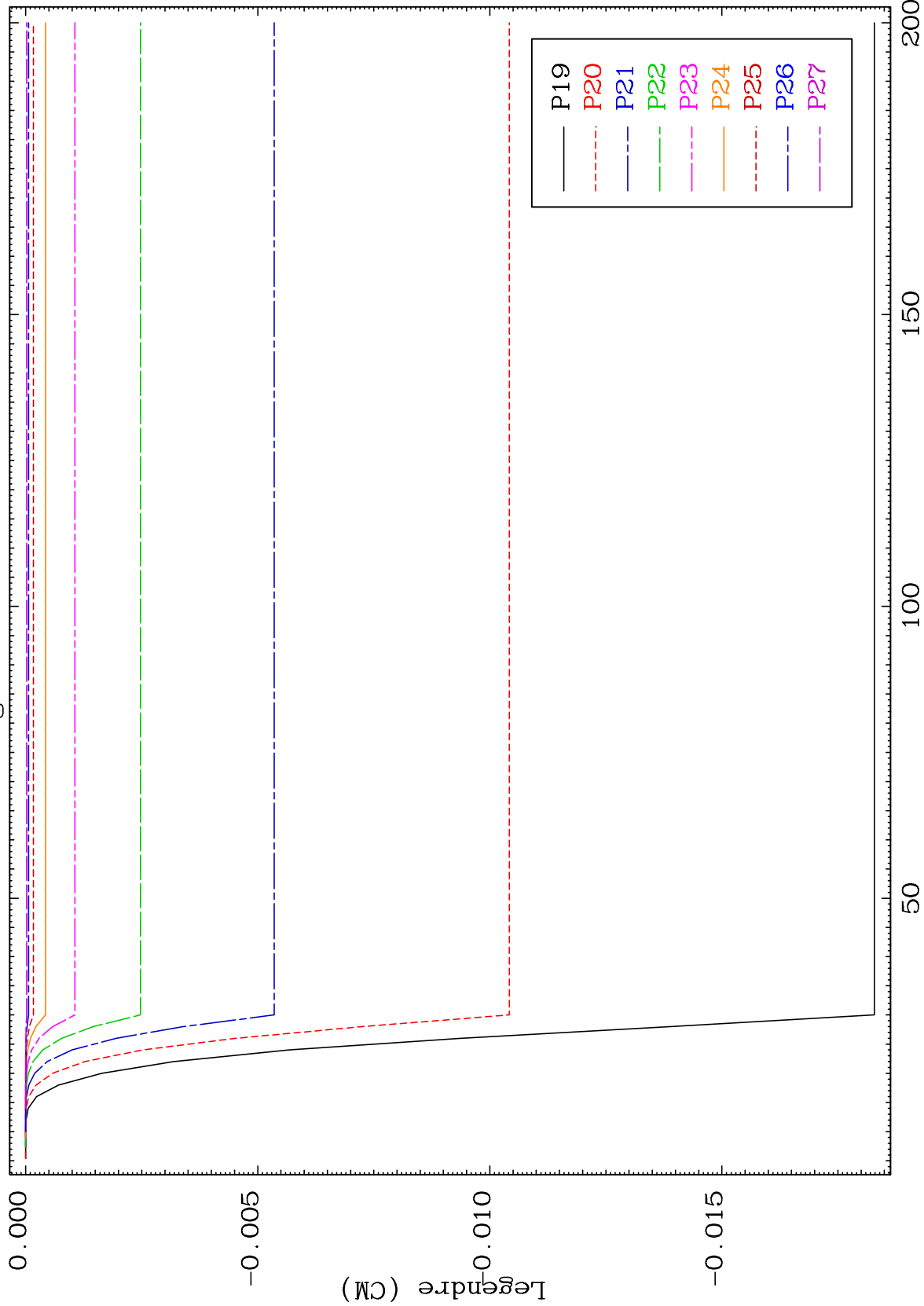


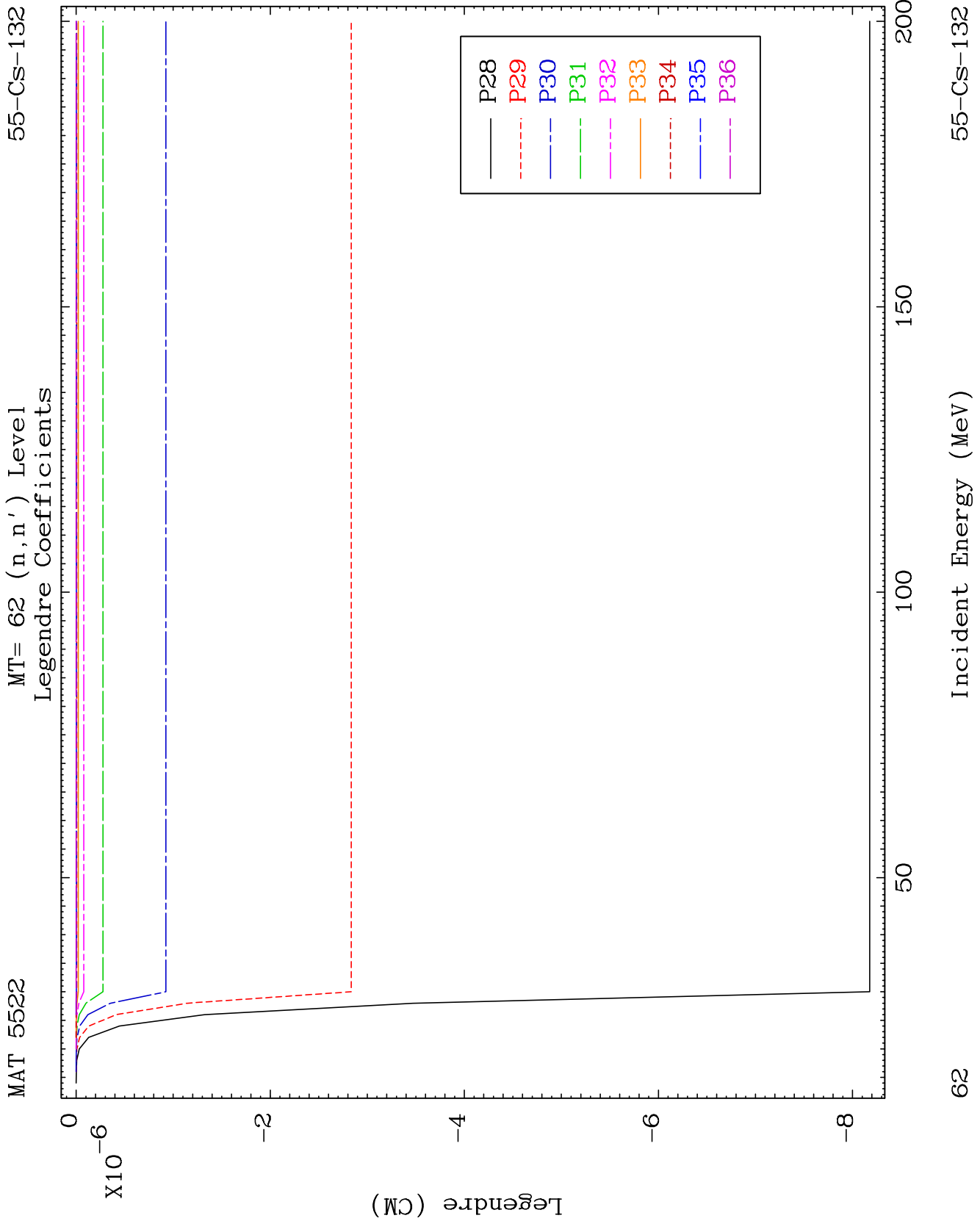
55-Cs-132

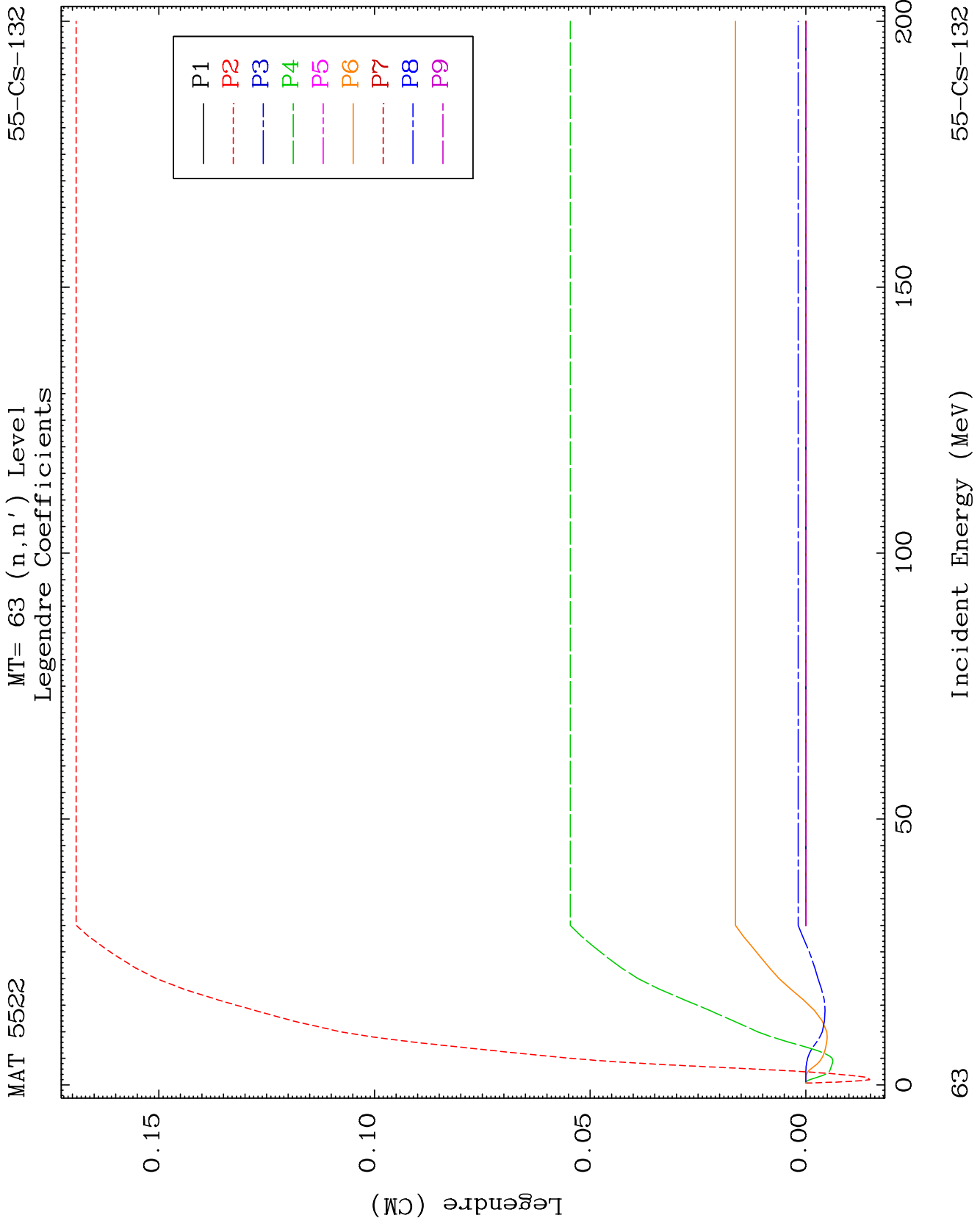
Incident Energy (MeV)

60

Legendre Coefficients



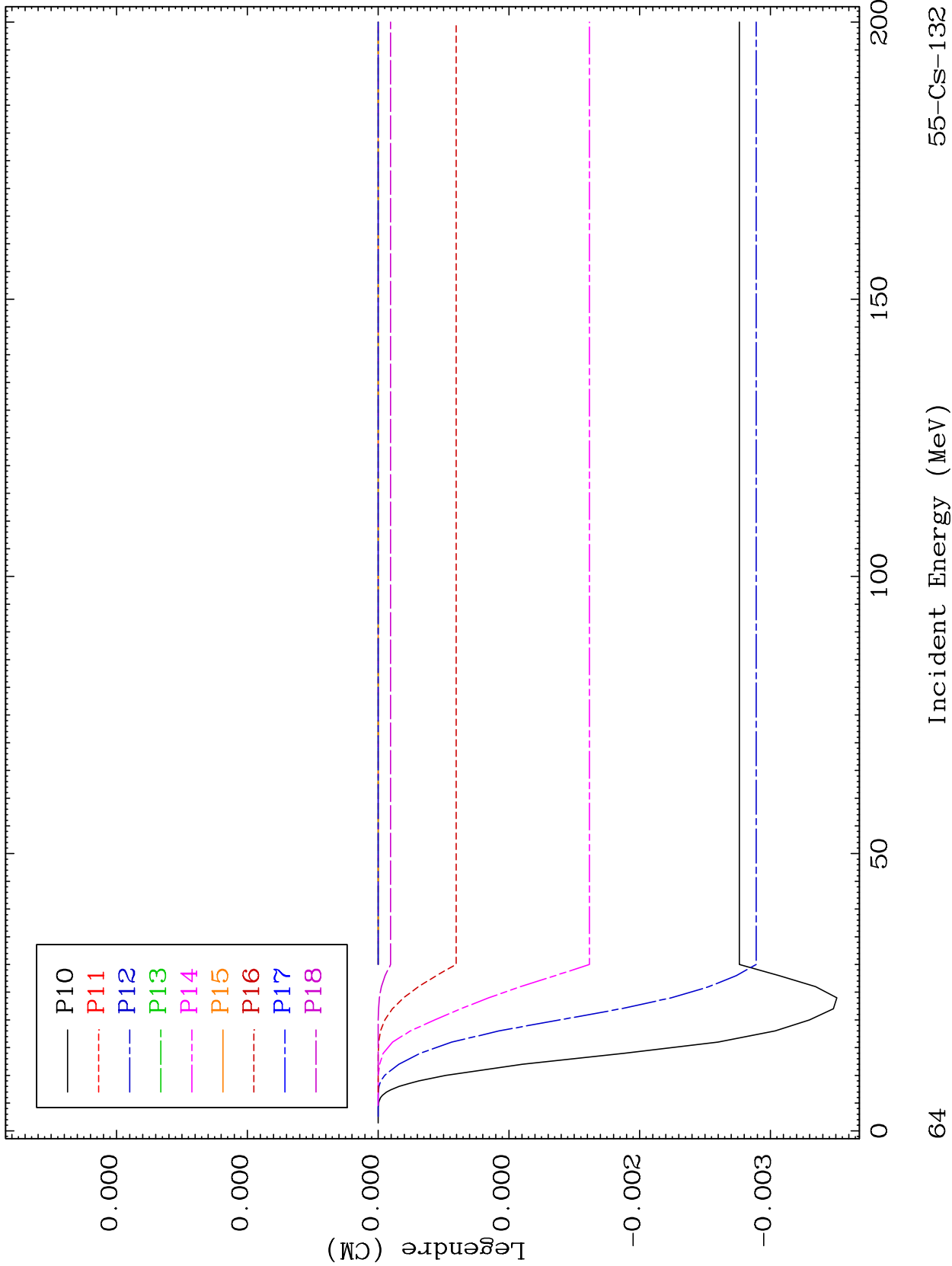




MAT 5522

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

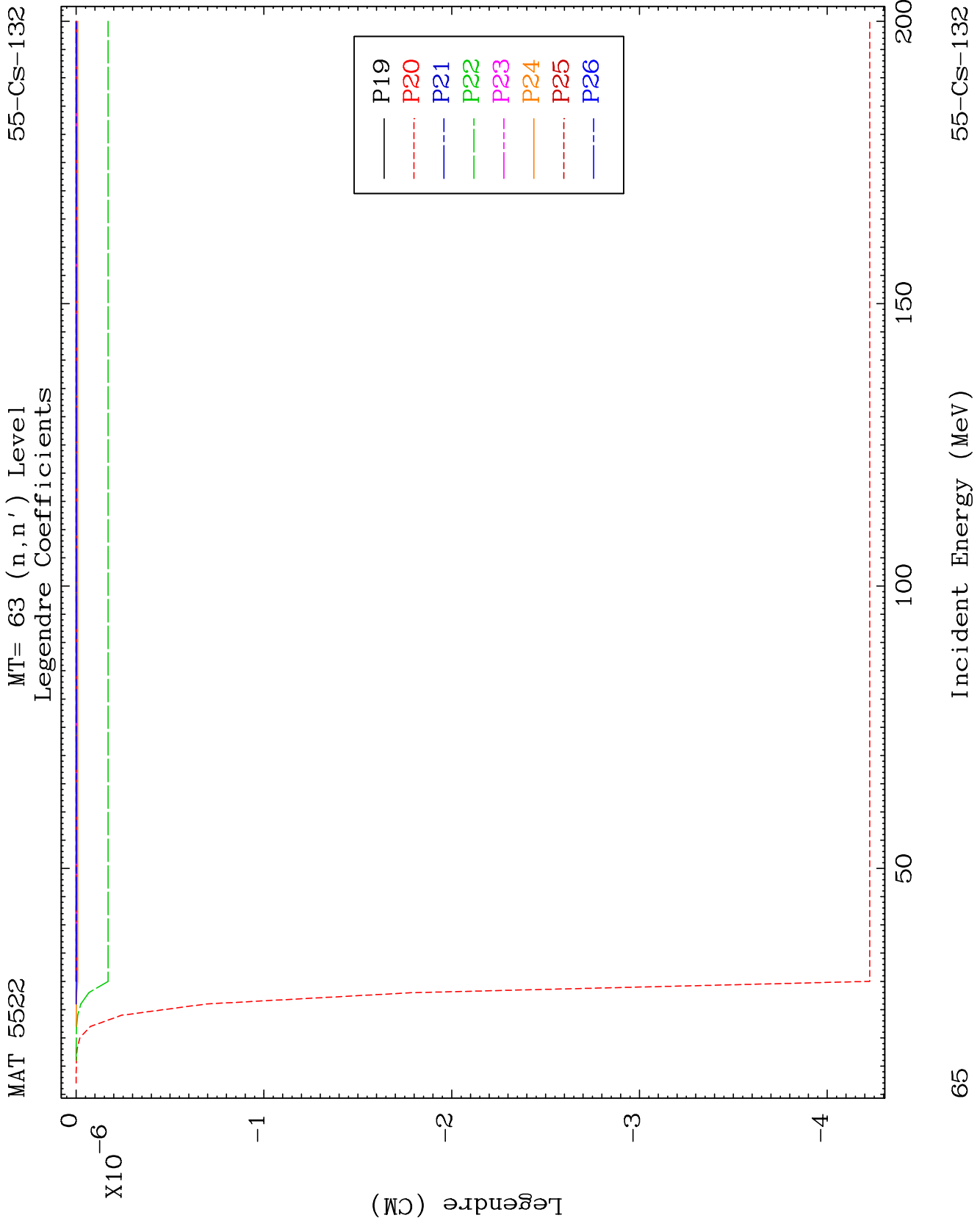
55-Cs-132



55-Cs-132

Incident Energy (MeV)

64

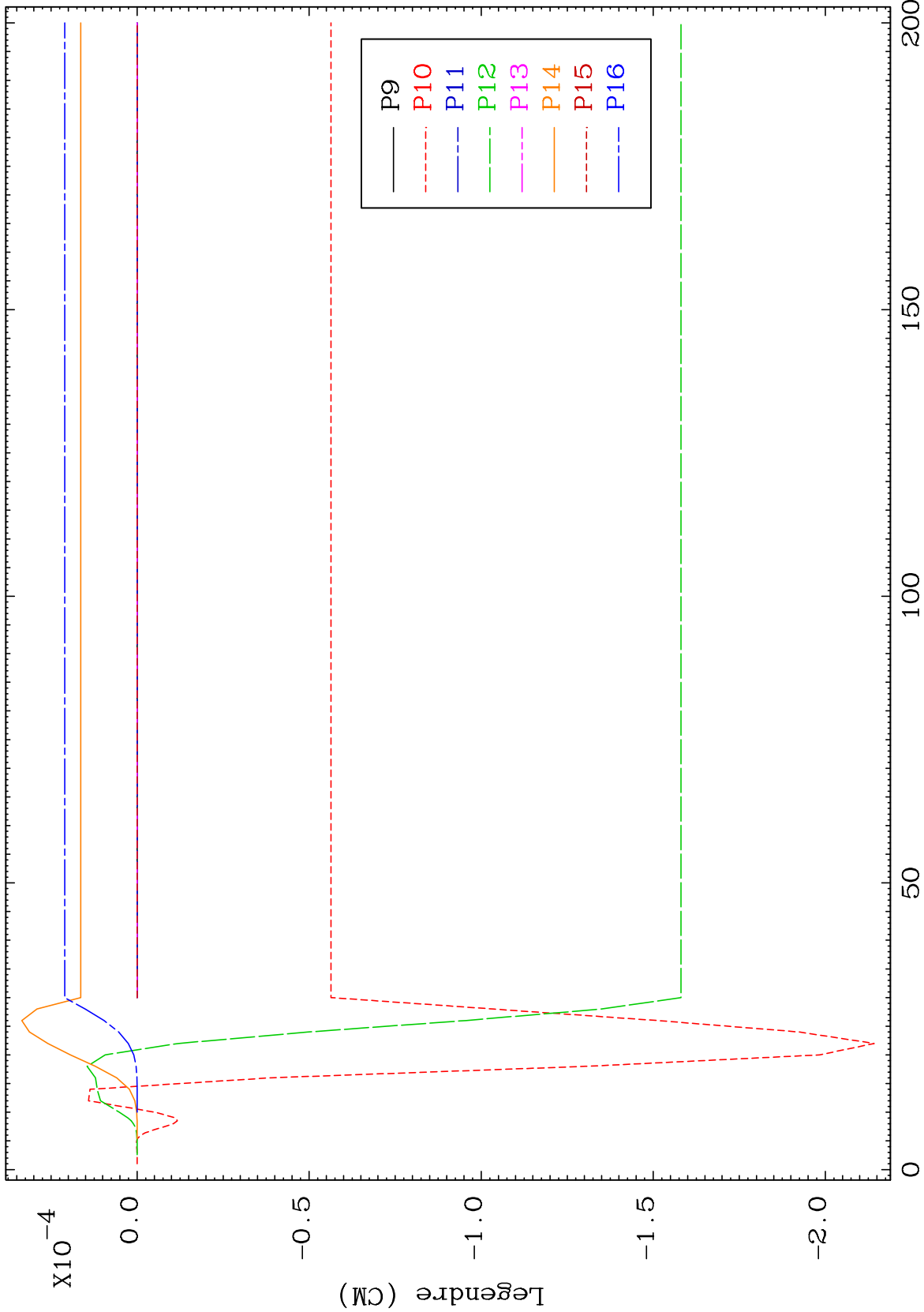


MAT 5522

MT= 64 (n,n') Level

55-Cs-132

Legendre Coefficients



67

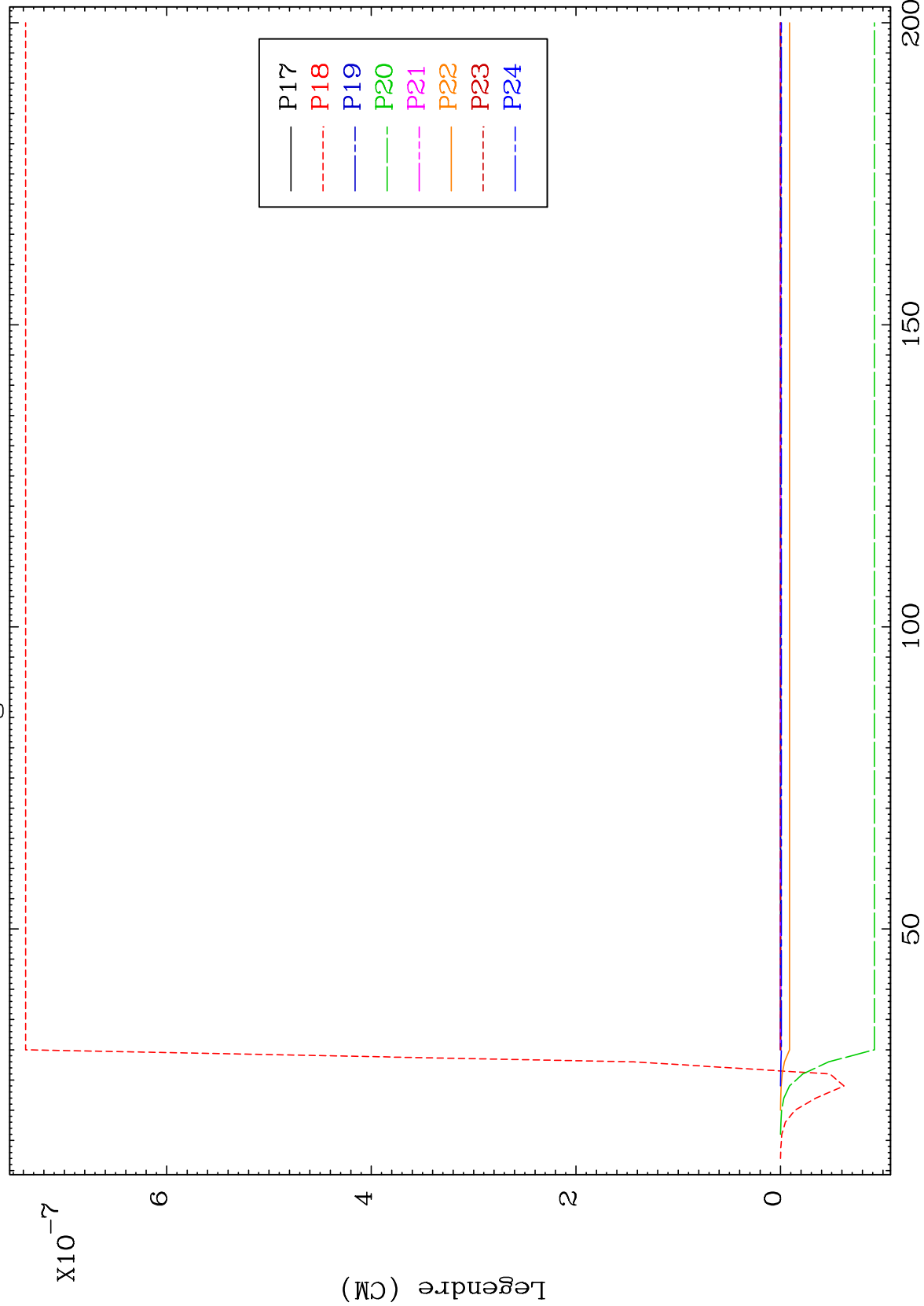
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

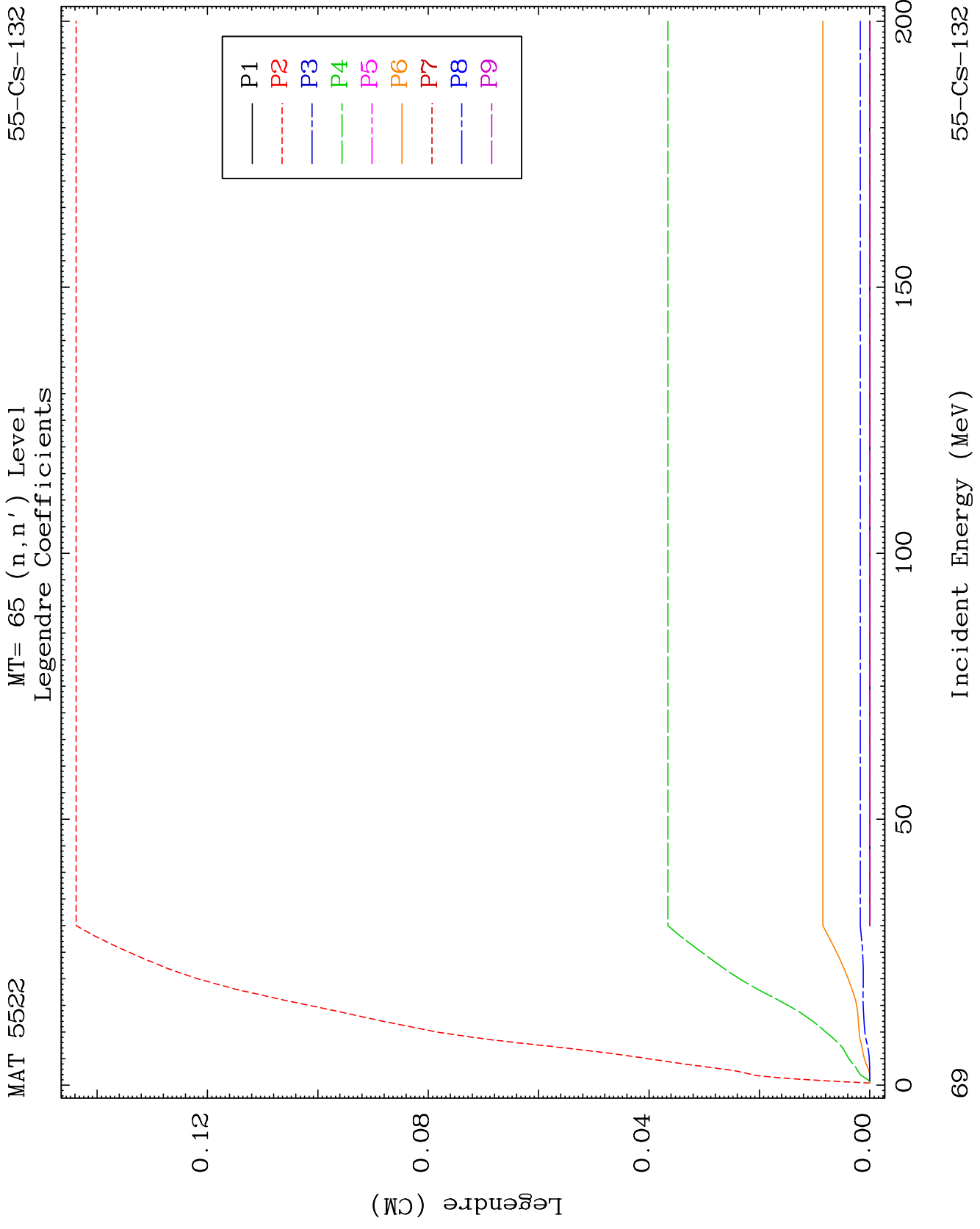
55-Cs-132



55-Cs-132

Incident Energy (MeV)

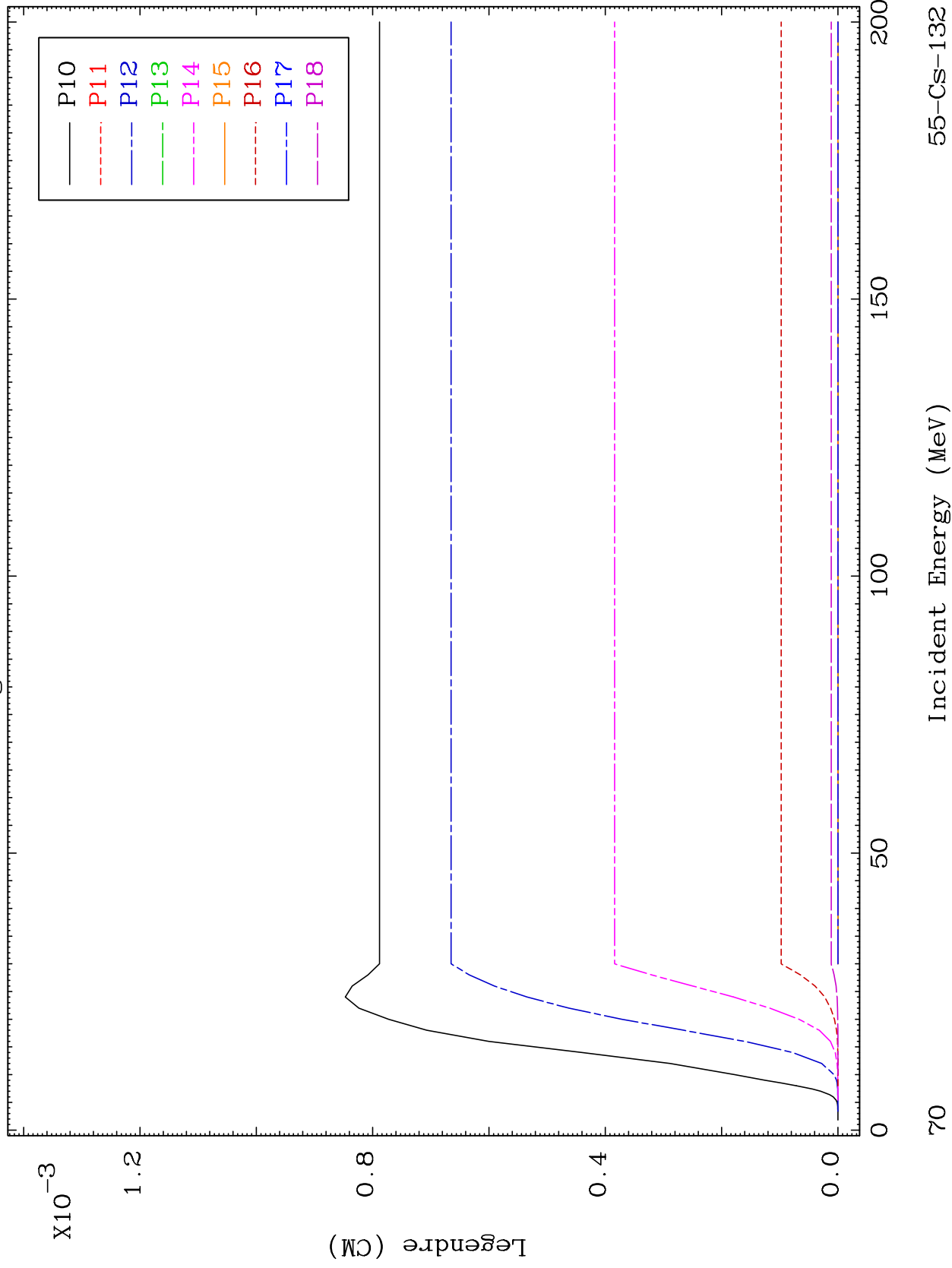
68



MAT 5522

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

55-Cs-132

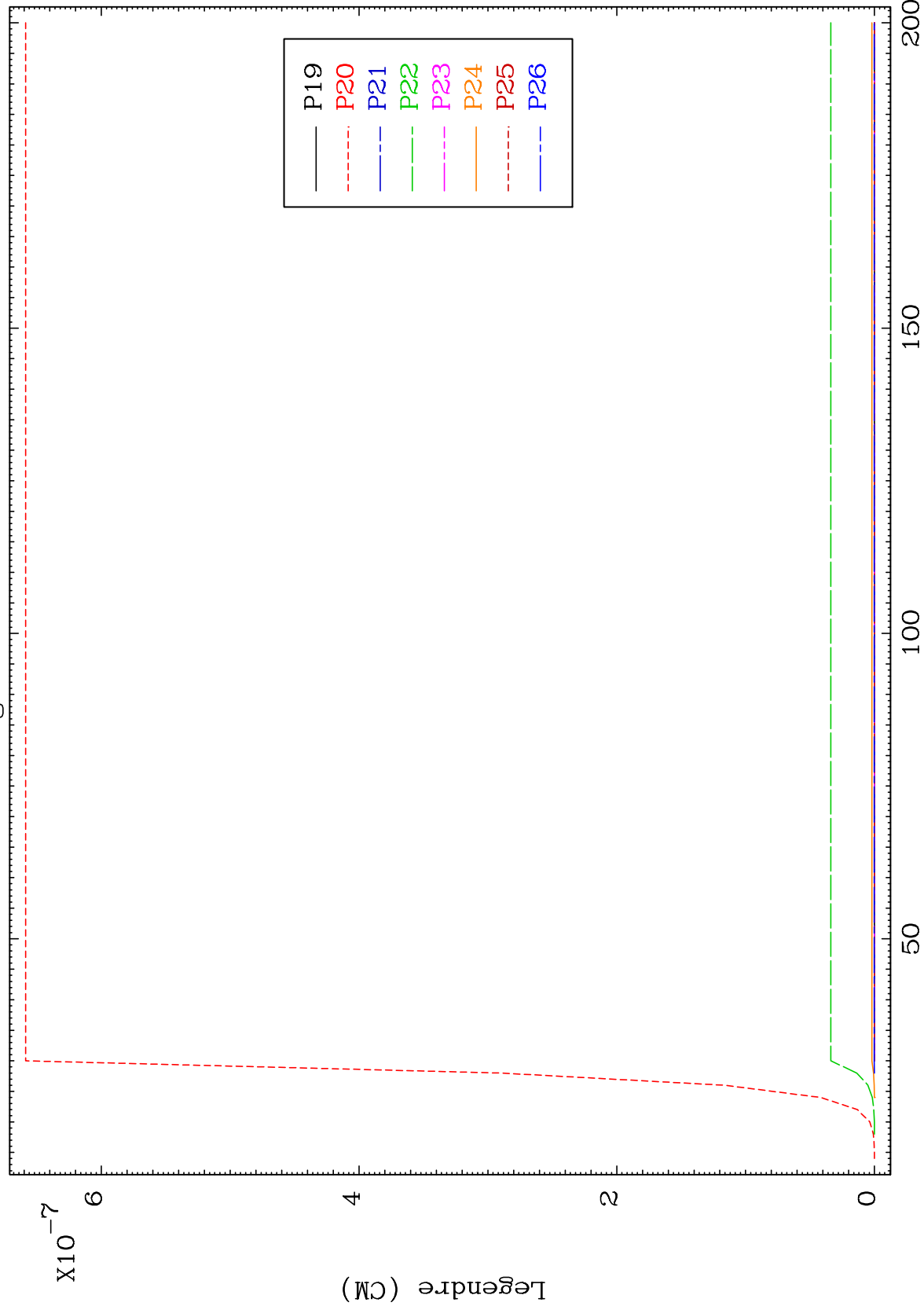


55-Cs-132

MAT 5522

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

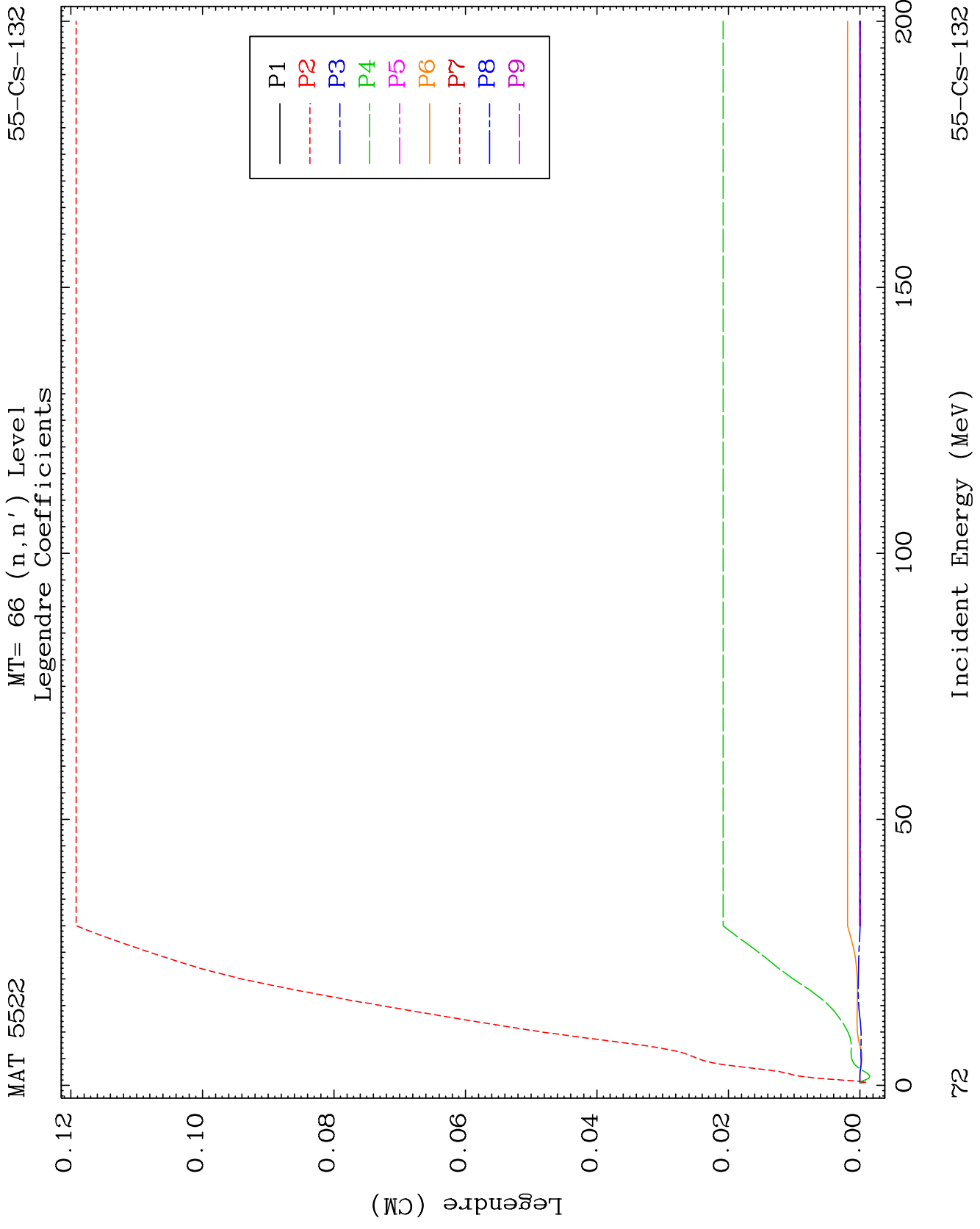
55-Cs-132



55-Cs-132

Incident Energy (MeV)

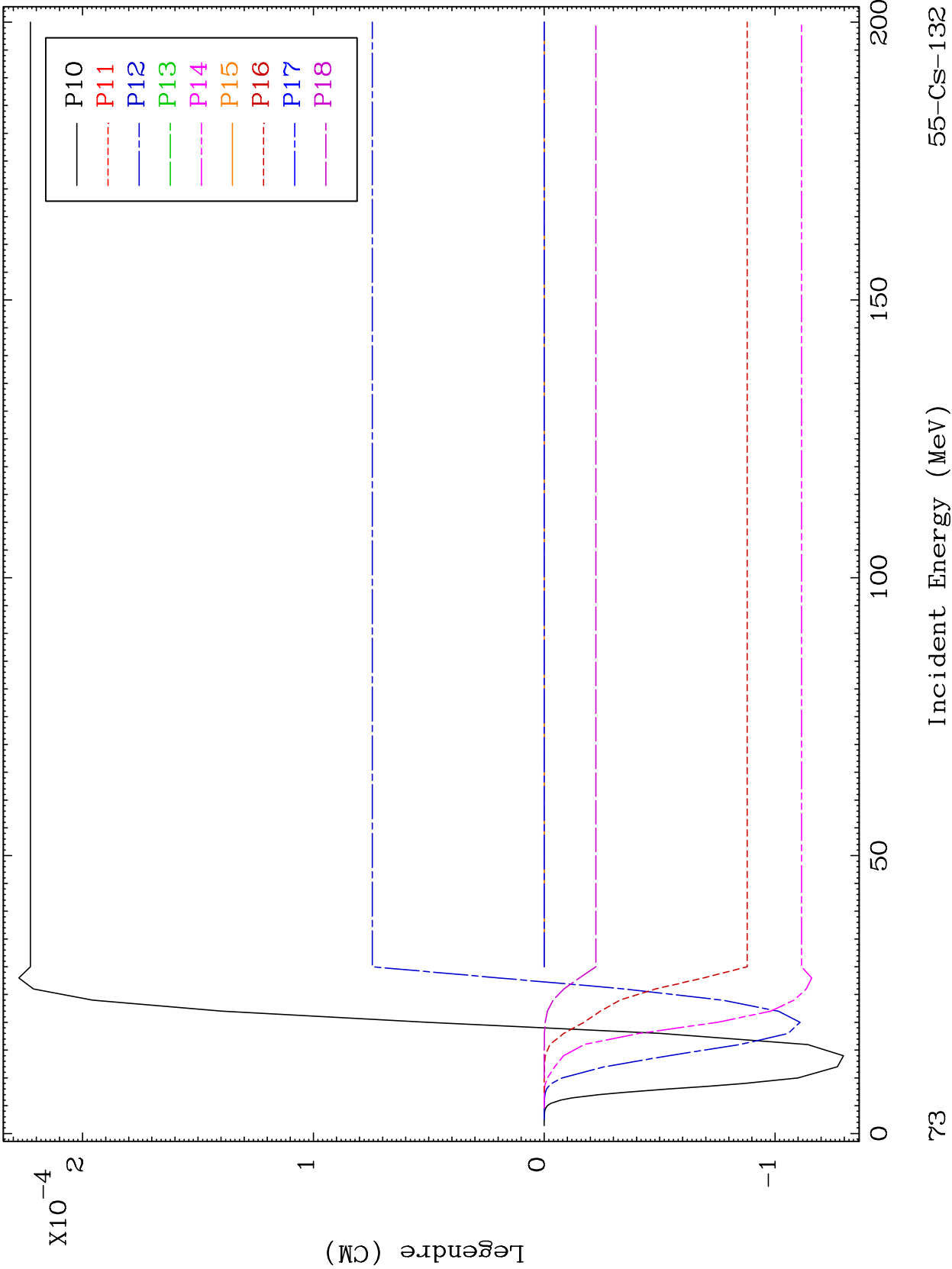
71



MAT 5522

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

55-Cs-132



73

55-Cs-132

MAT 5522

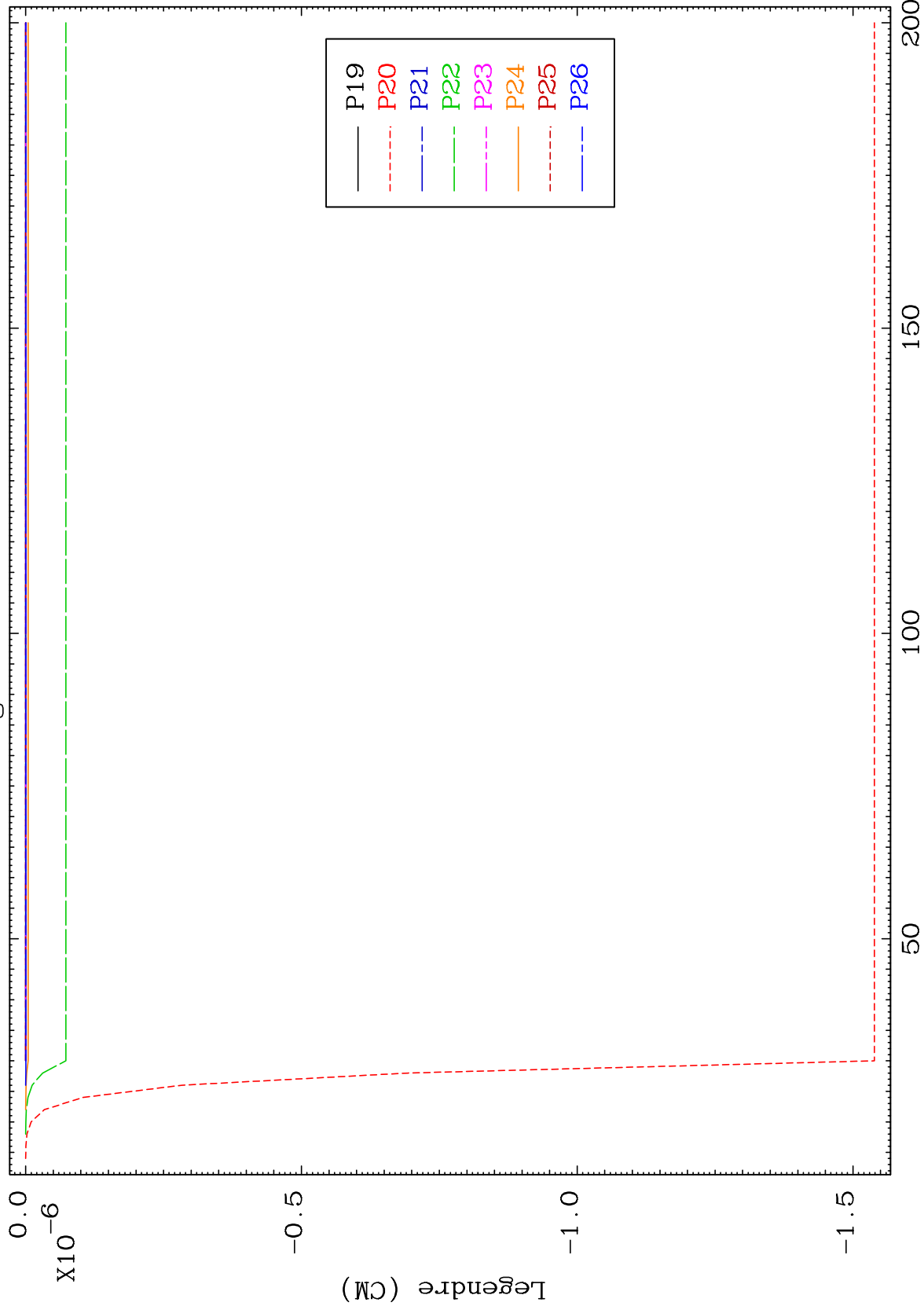
MT= 66 (n,n') Level
Legendre Coefficients

55-Cs-132

55-Cs-132

Incident Energy (MeV)

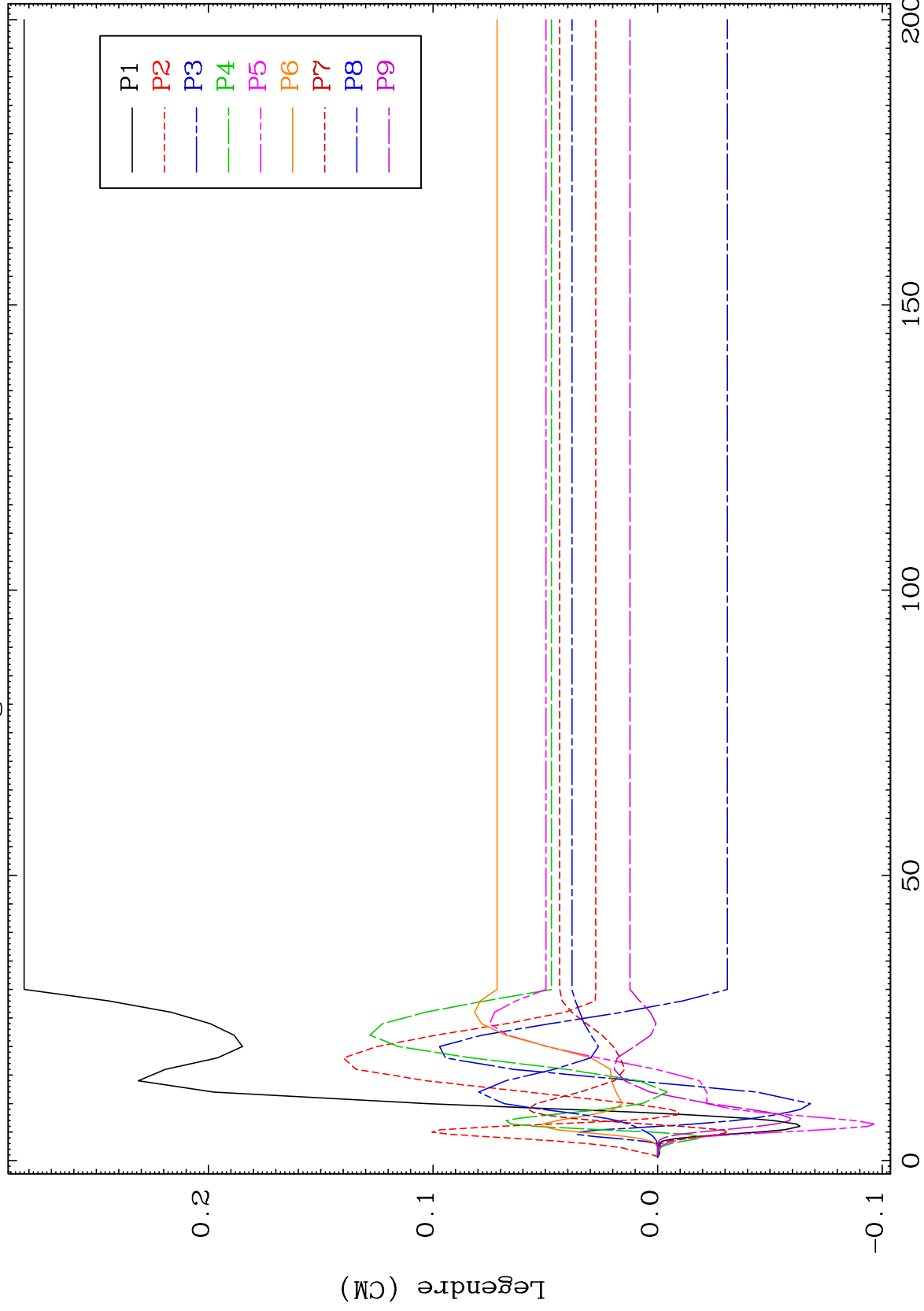
74



MAT 5522

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

55-Cs-132



55-Cs-132

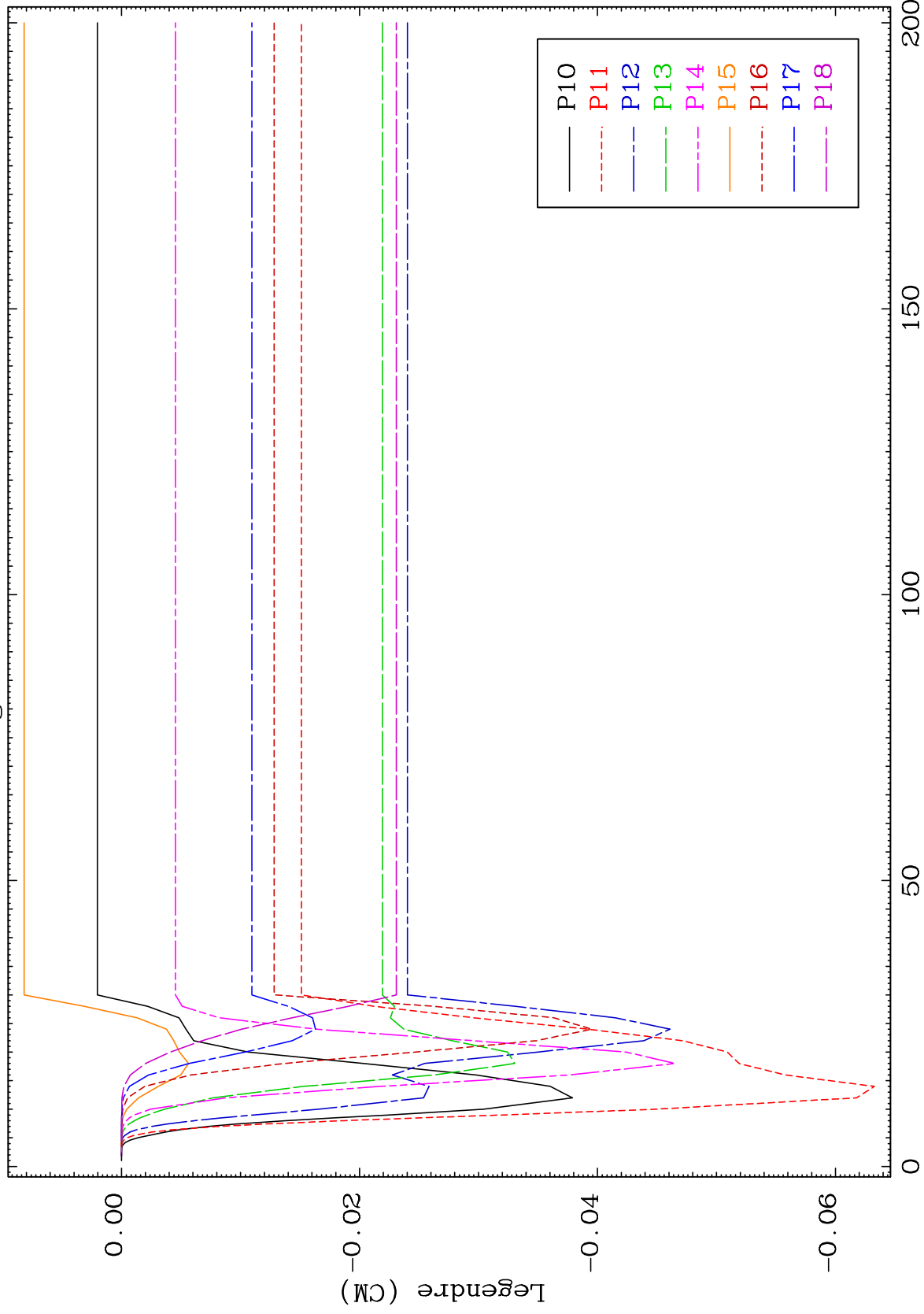
Incident Energy (MeV)

75

MAT 5522

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

55-Cs-132



76

Incident Energy (MeV)

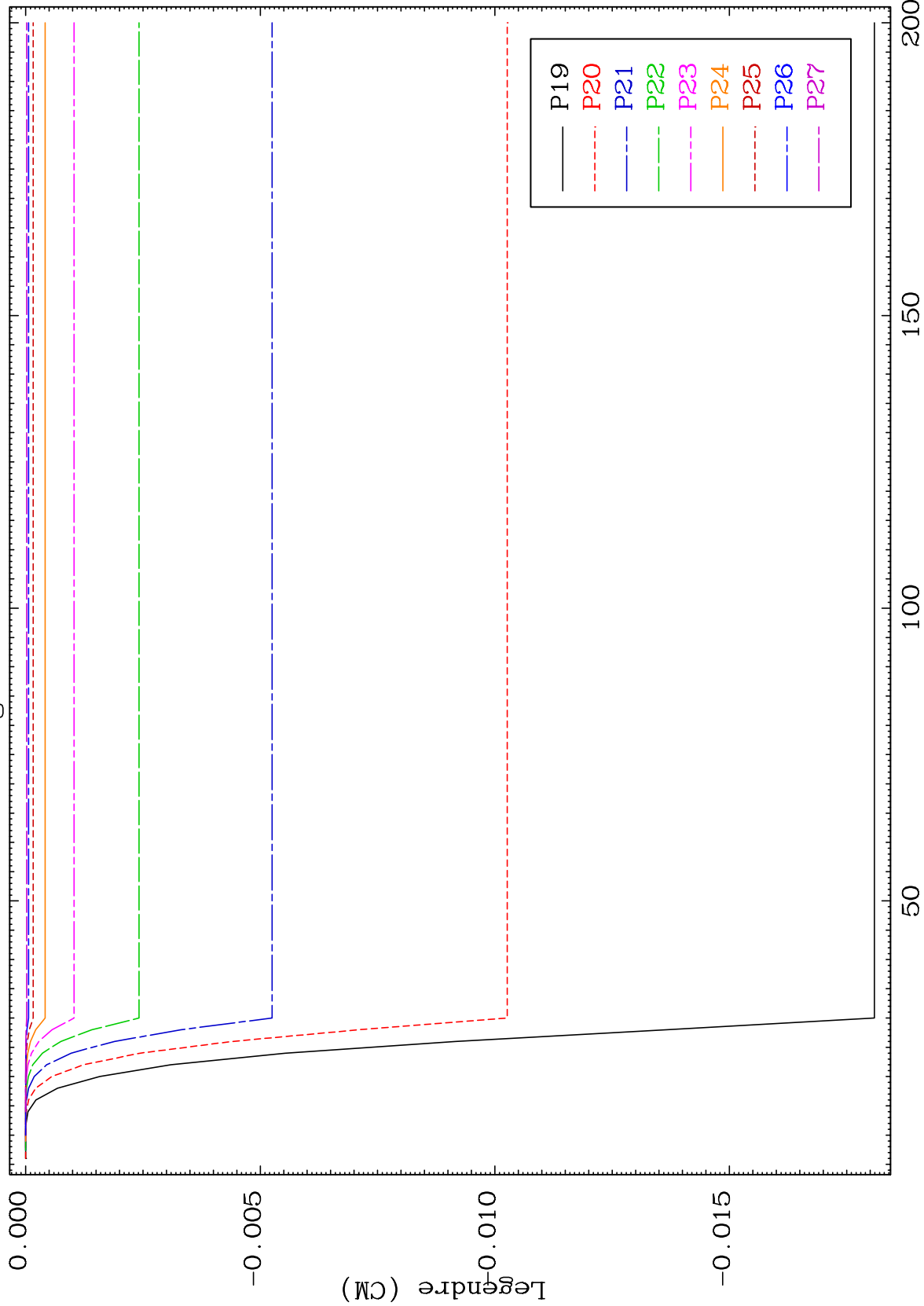
55-Cs-132

MAT 5522

MT= 67 (n,n') Level

55-Cs-132

Legendre Coefficients



55-Cs-132

Incident Energy (MeV)

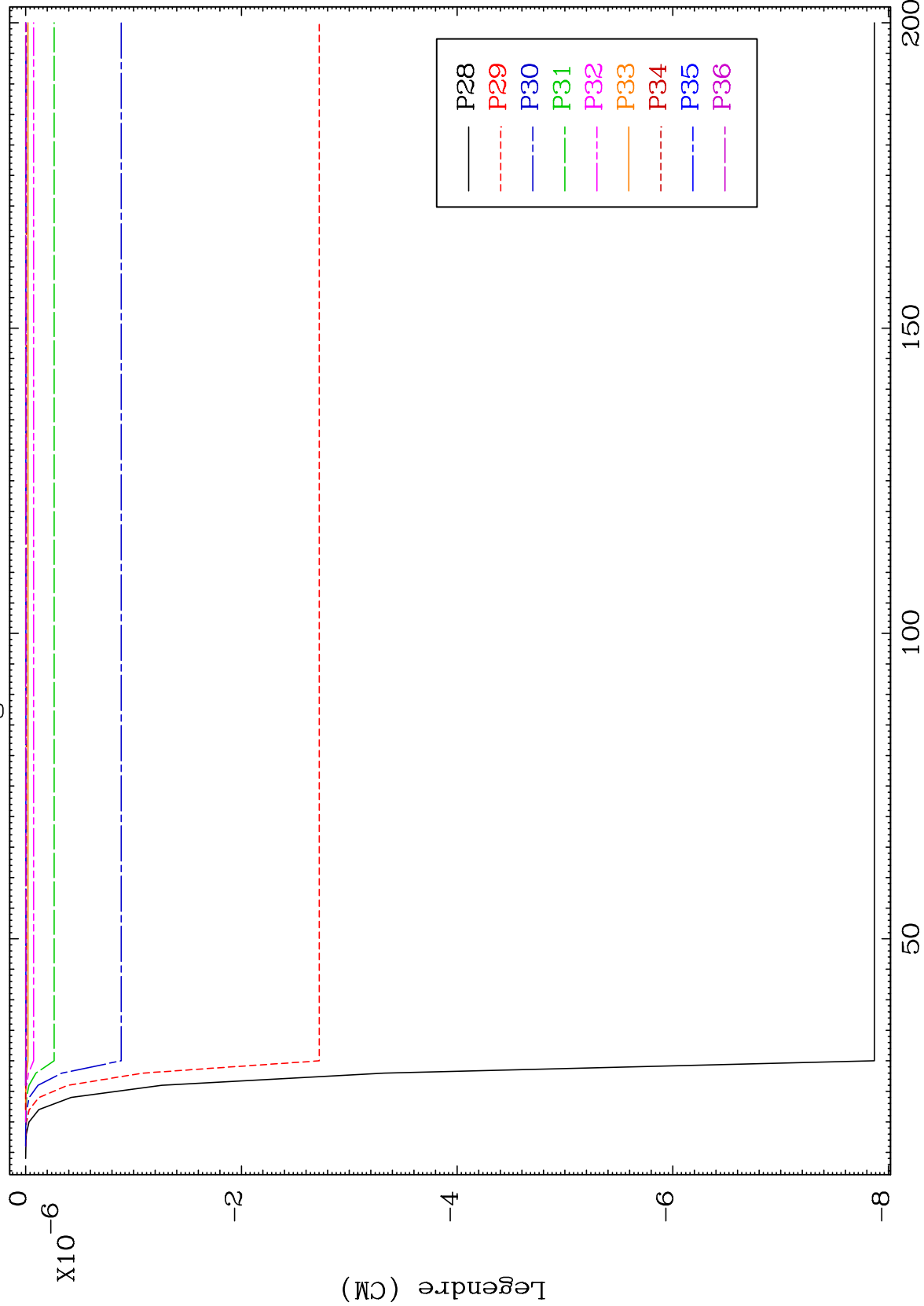
77

MAT 5522

MT= 67 (n,n') Level

55-Cs-132

Legendre Coefficients



55-Cs-132

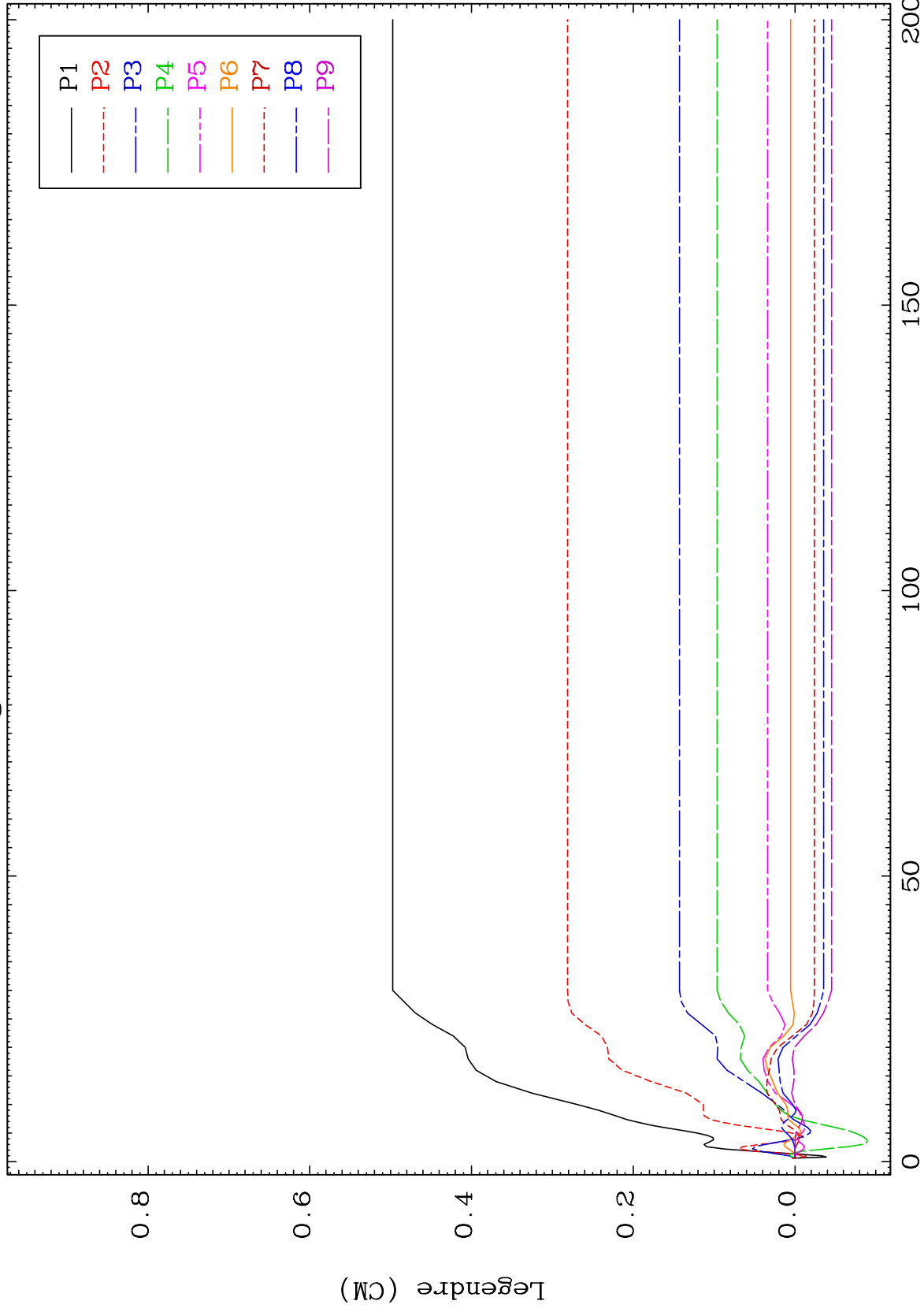
Incident Energy (MeV)

78

MAT 5522

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

55-Cs-132



79

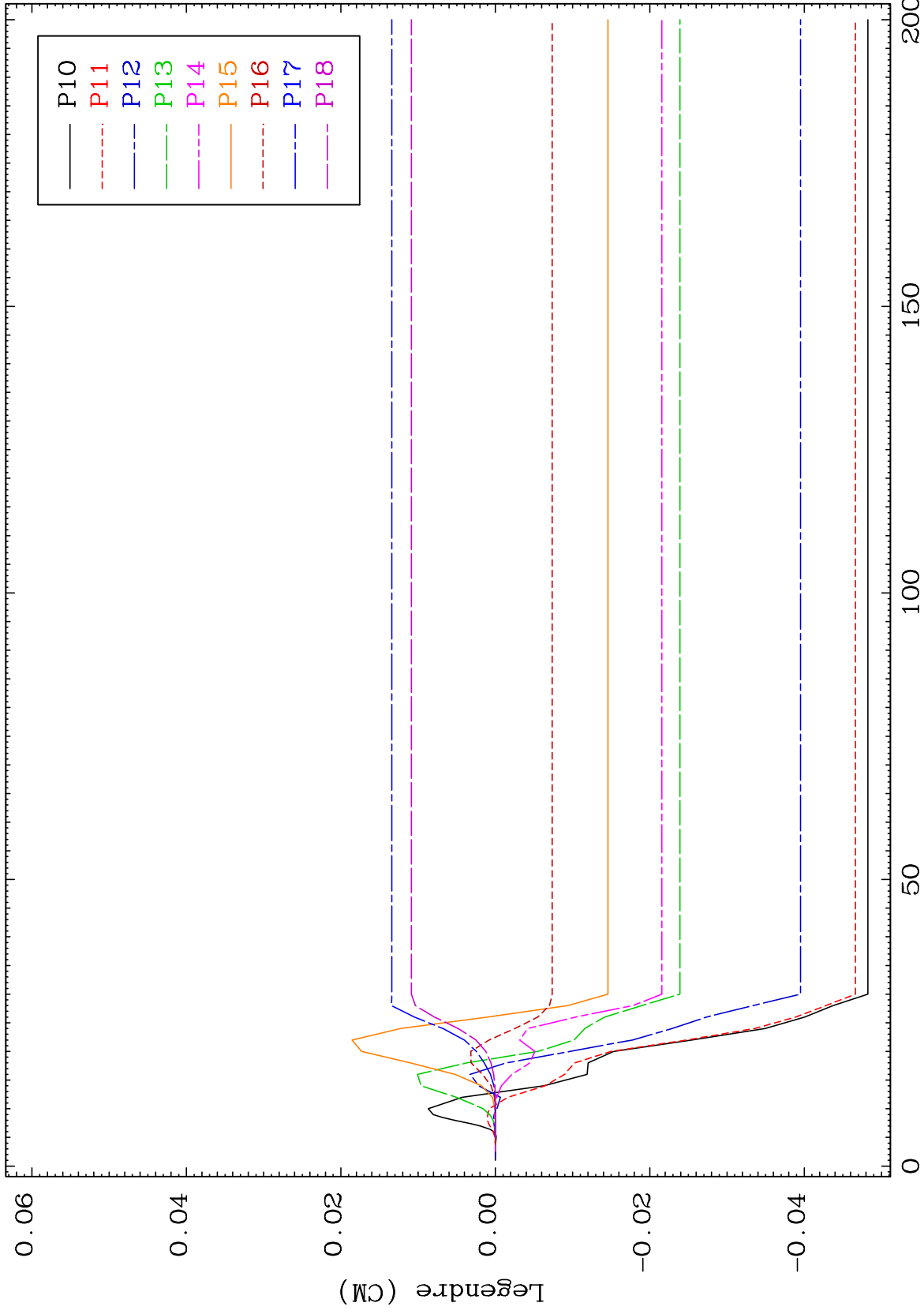
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



80

Incident Energy (MeV)

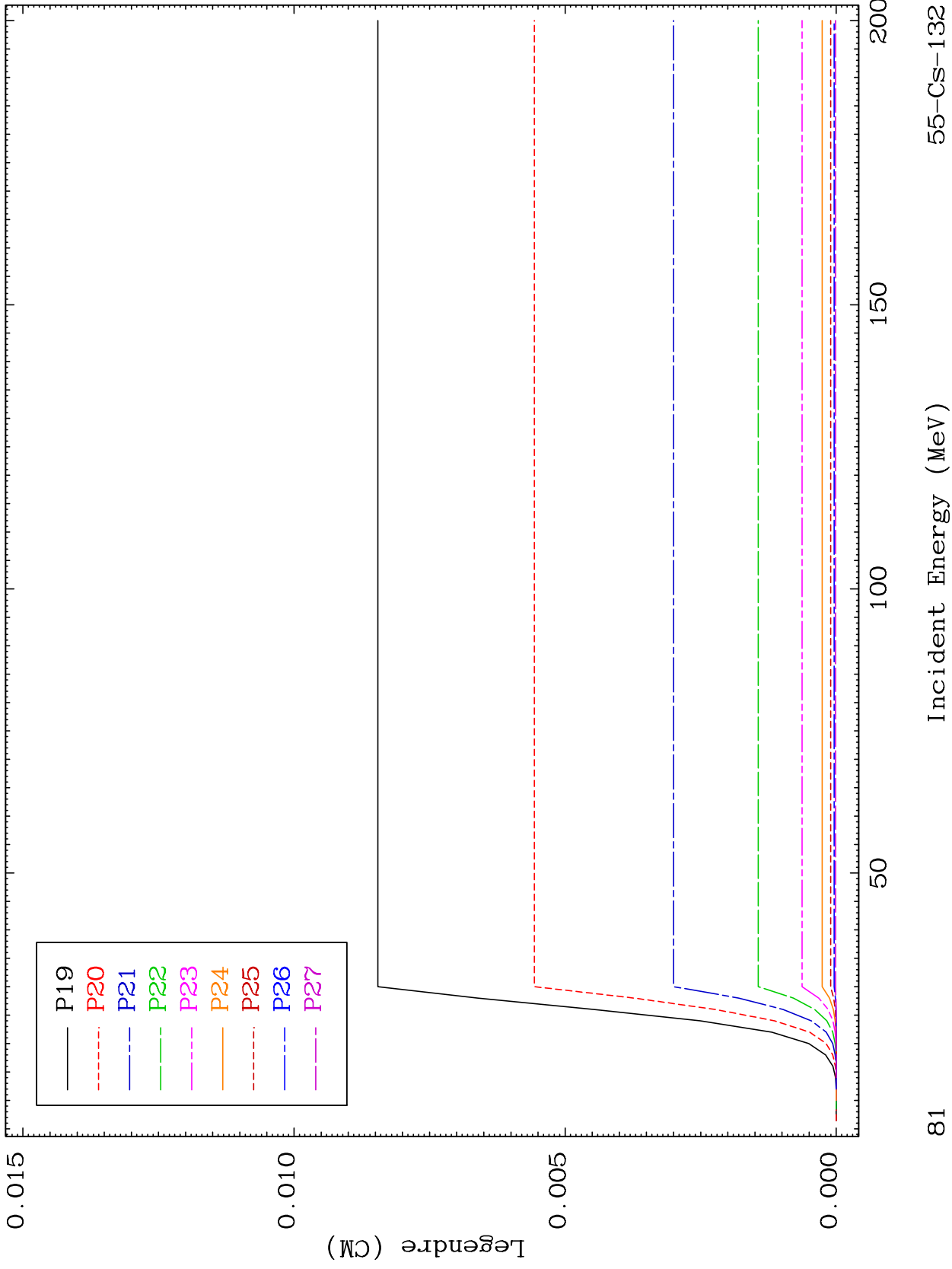
200

55-Cs-132

MAT 5522

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

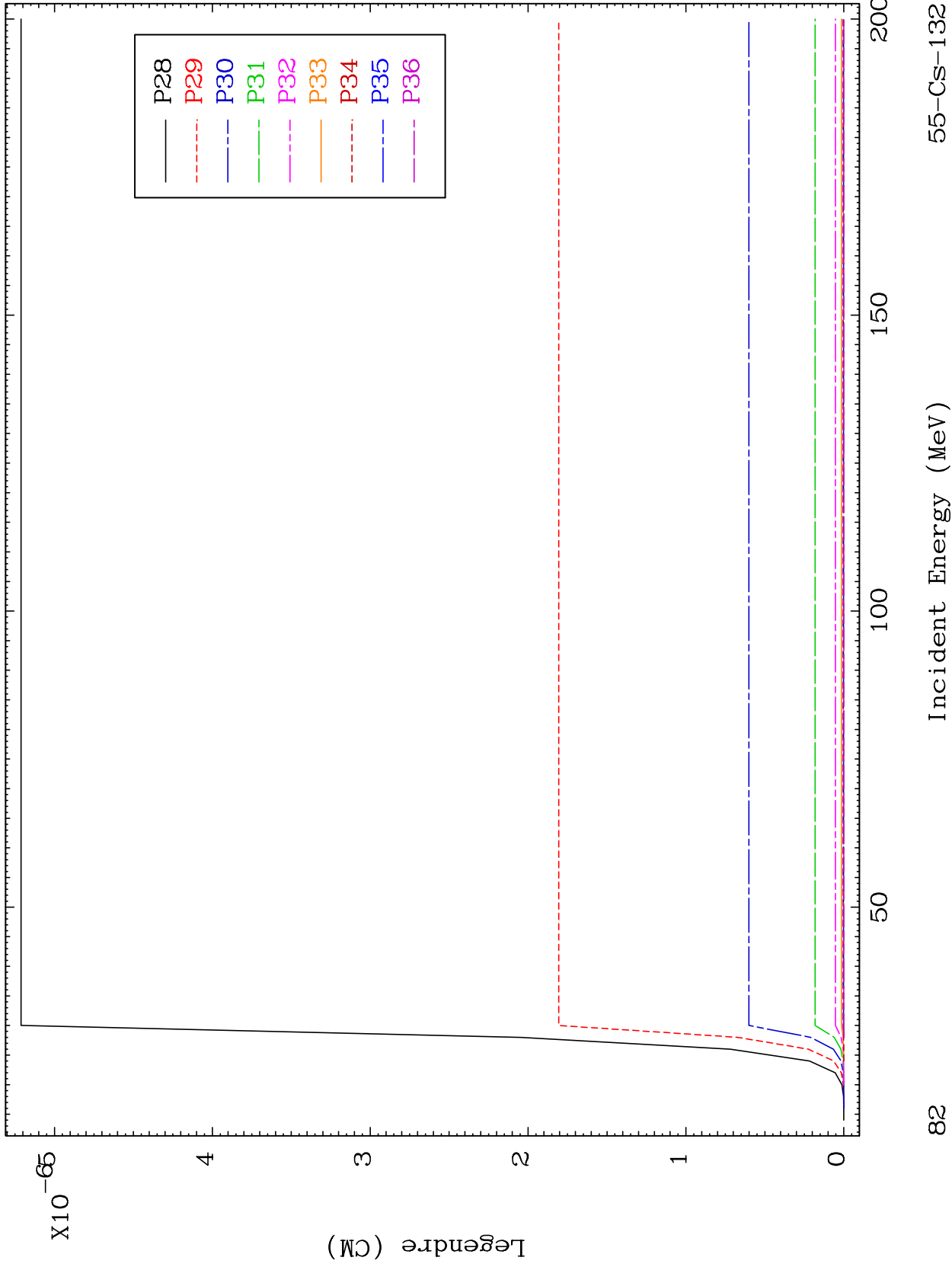
55-Cs-132



MAT 5522

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

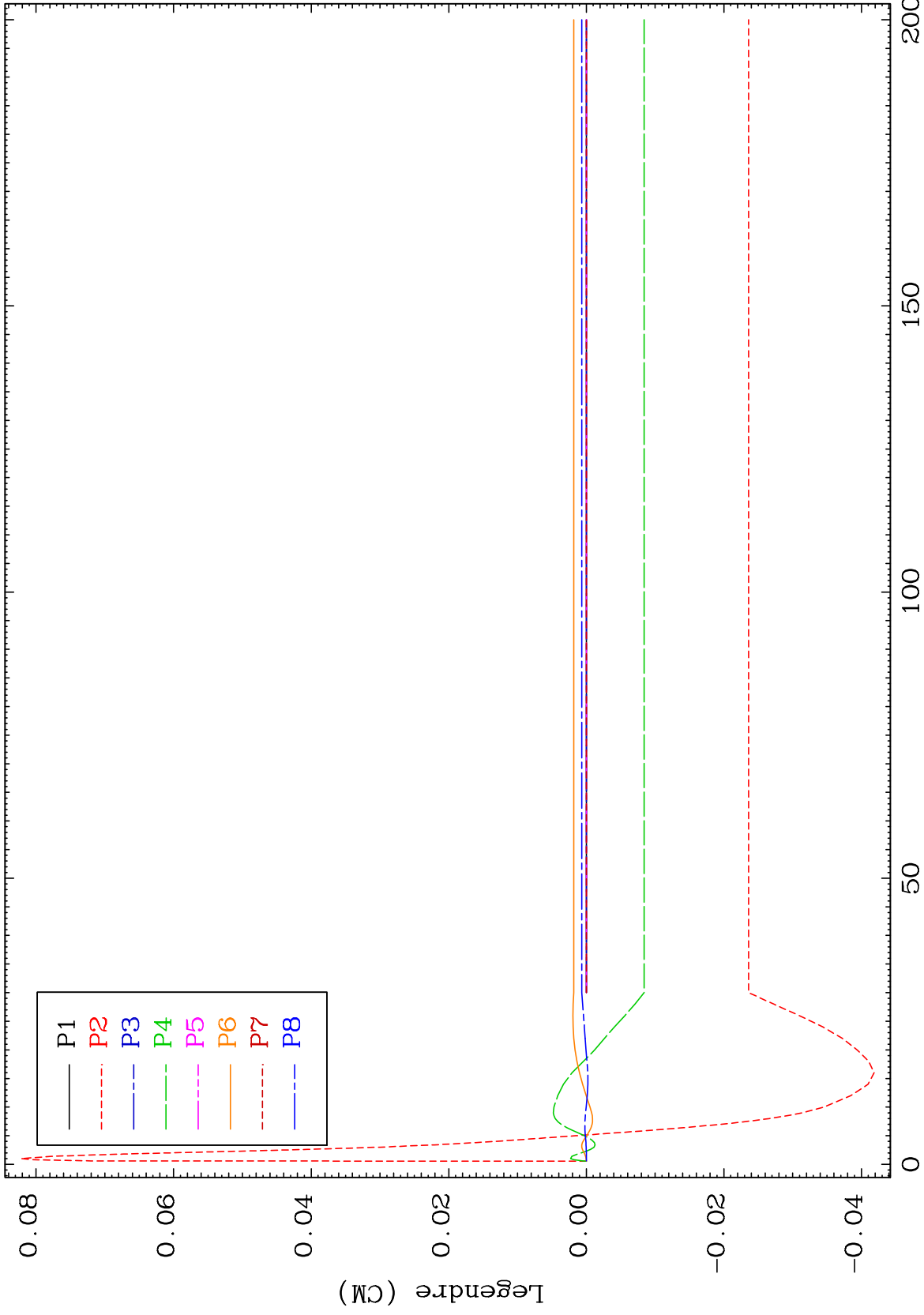
55-Cs-132



MAT 5522

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

55-Cs-132



83

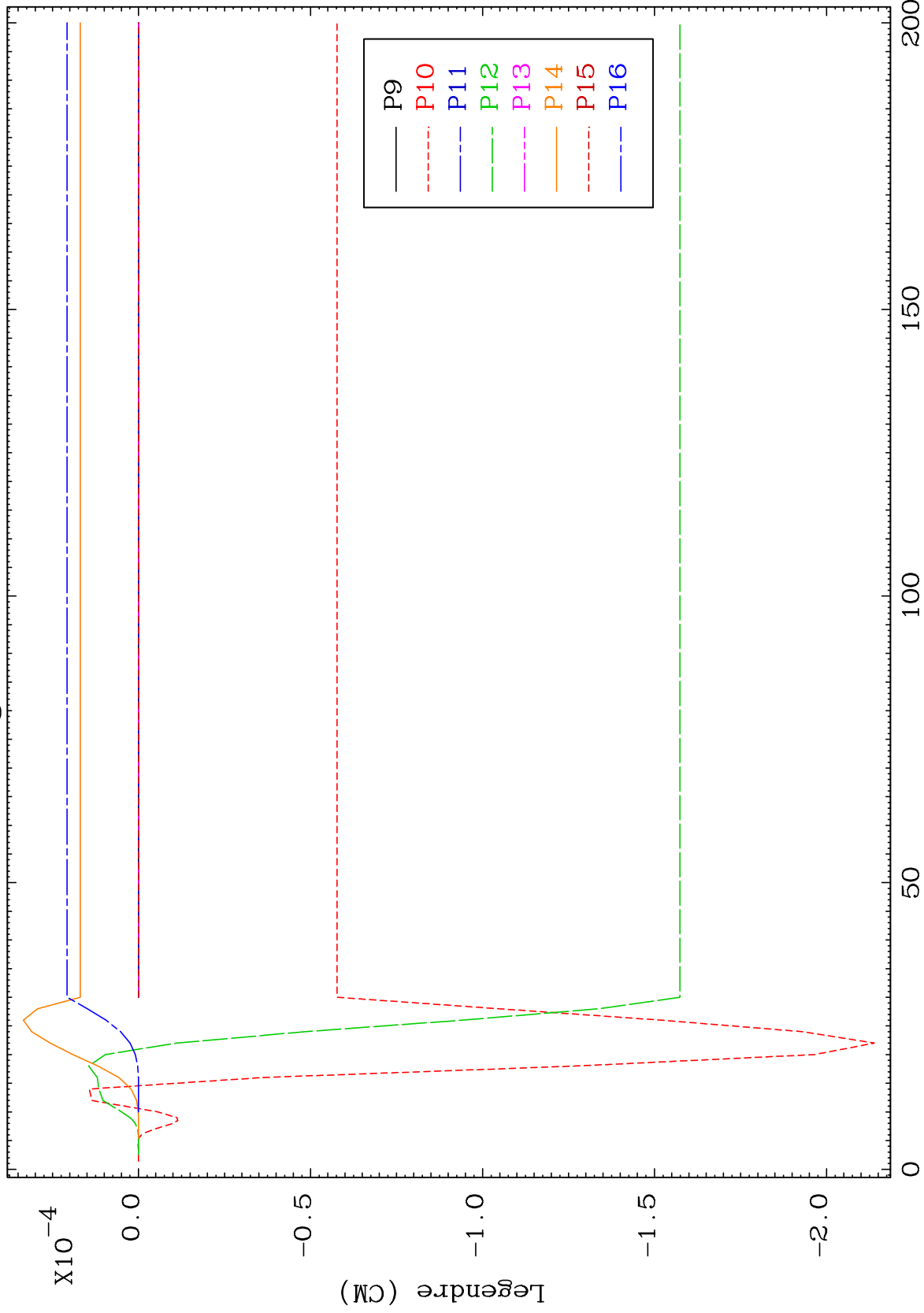
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

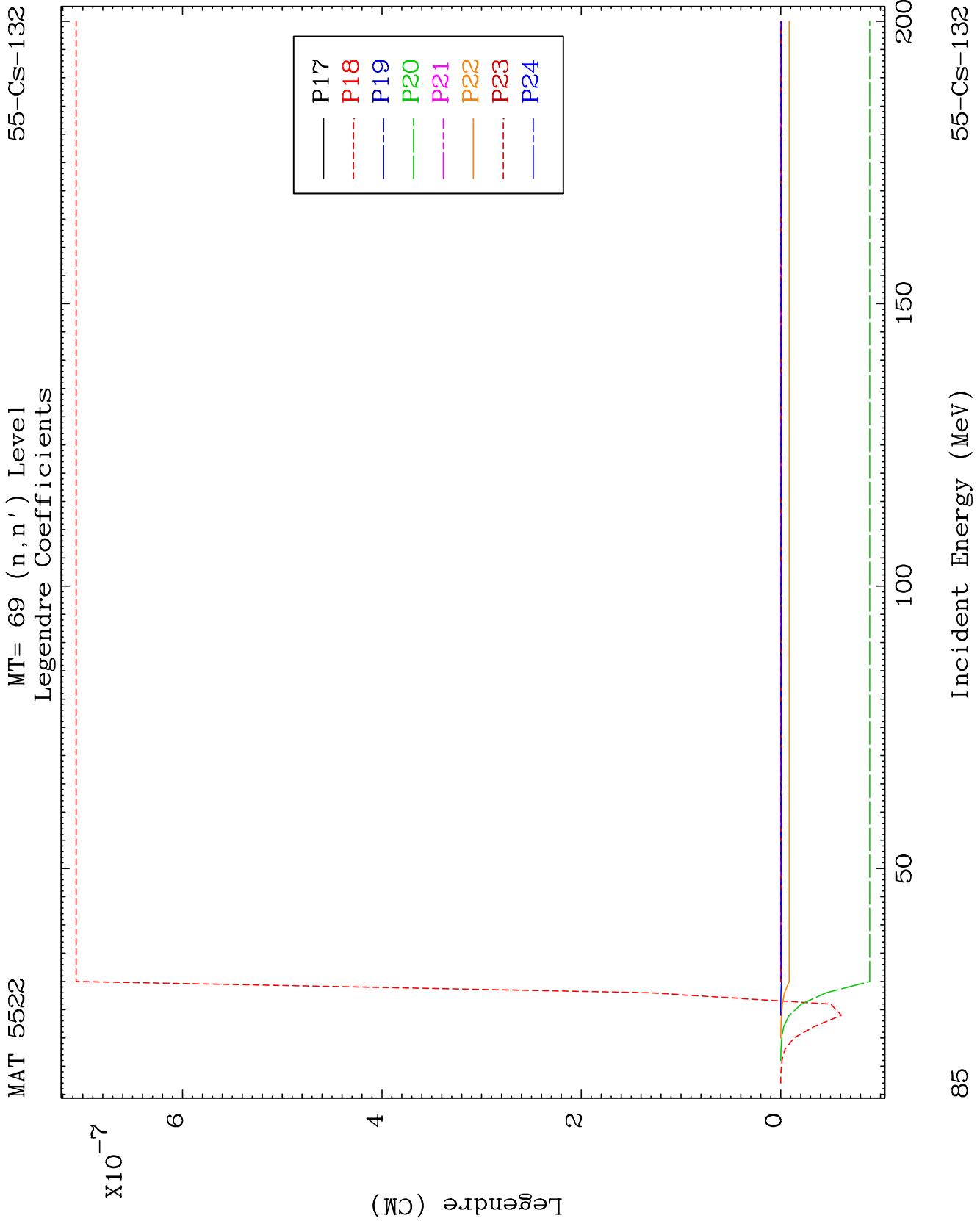
55-Cs-132

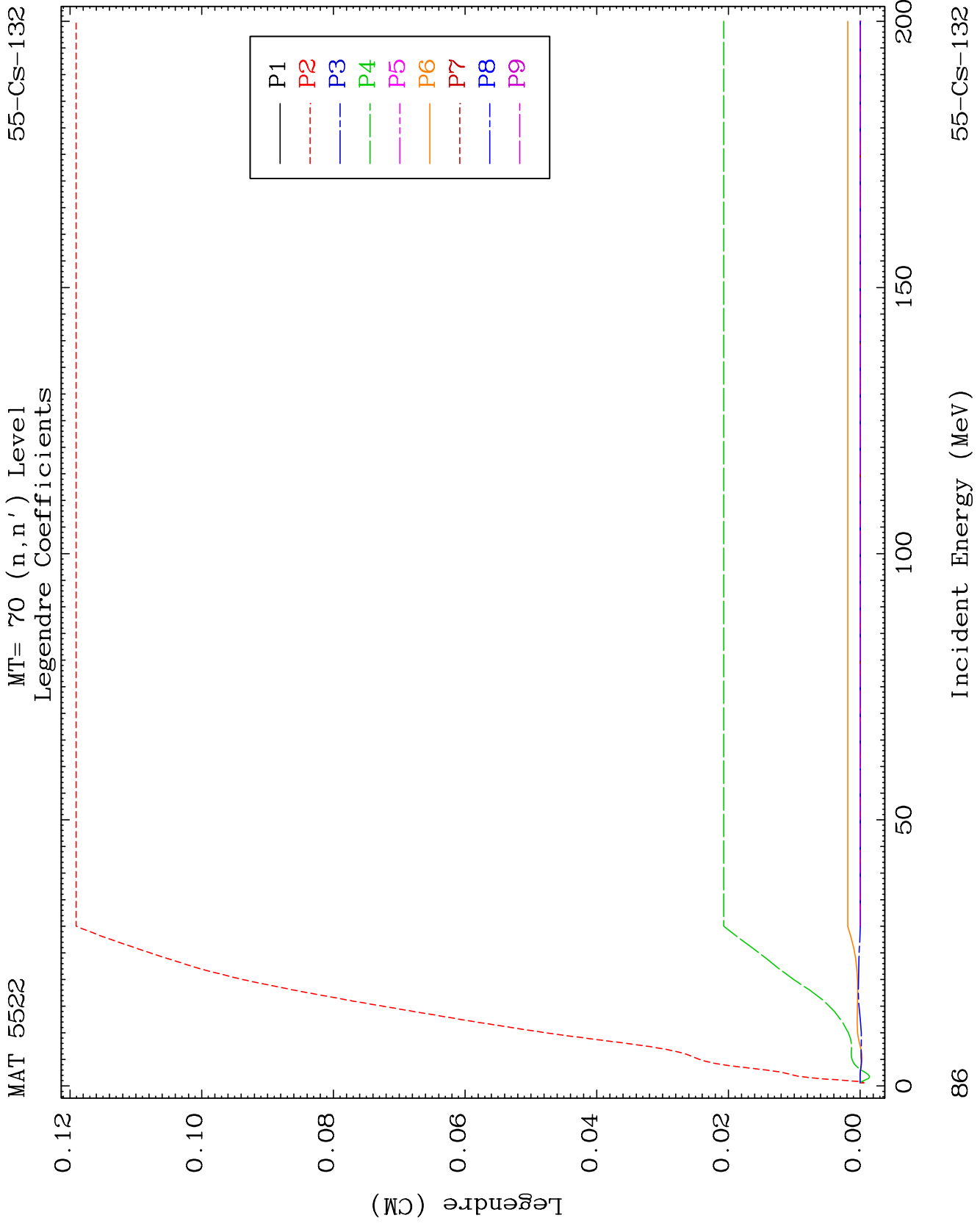


84

Incident Energy (MeV)

55-Cs-132

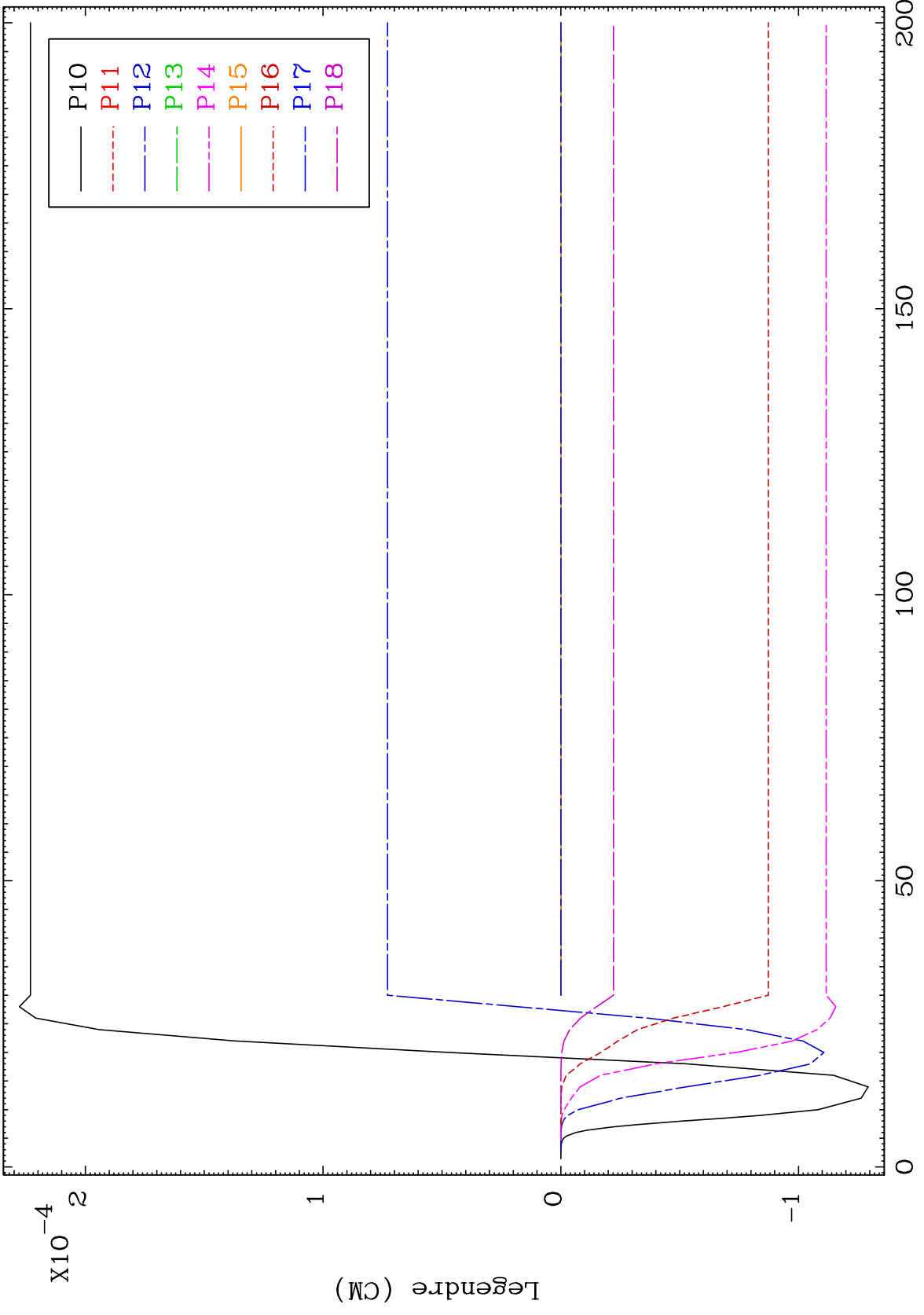




MAT 5522

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

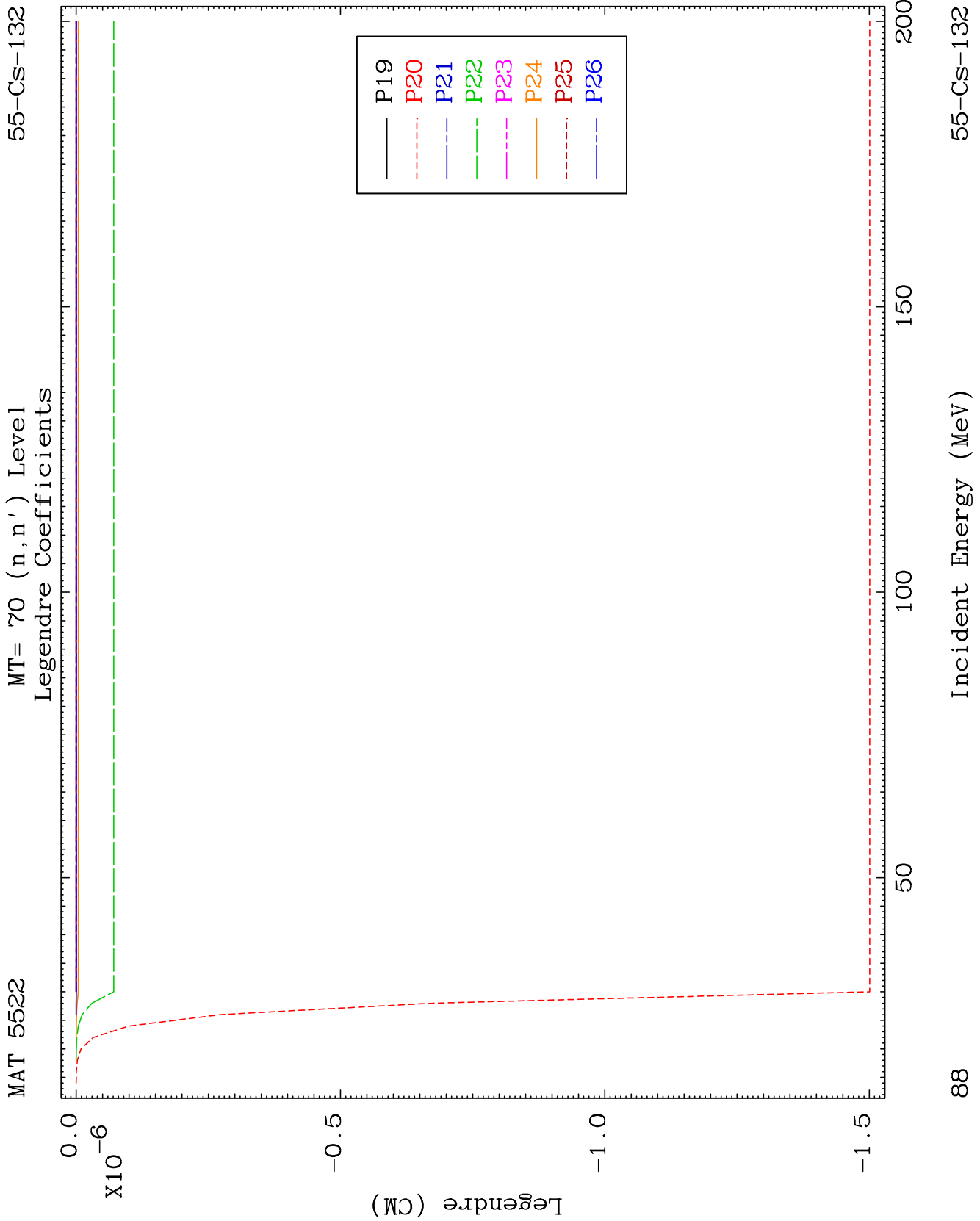
55-Cs-132



87

Incident Energy (MeV)

55-Cs-132

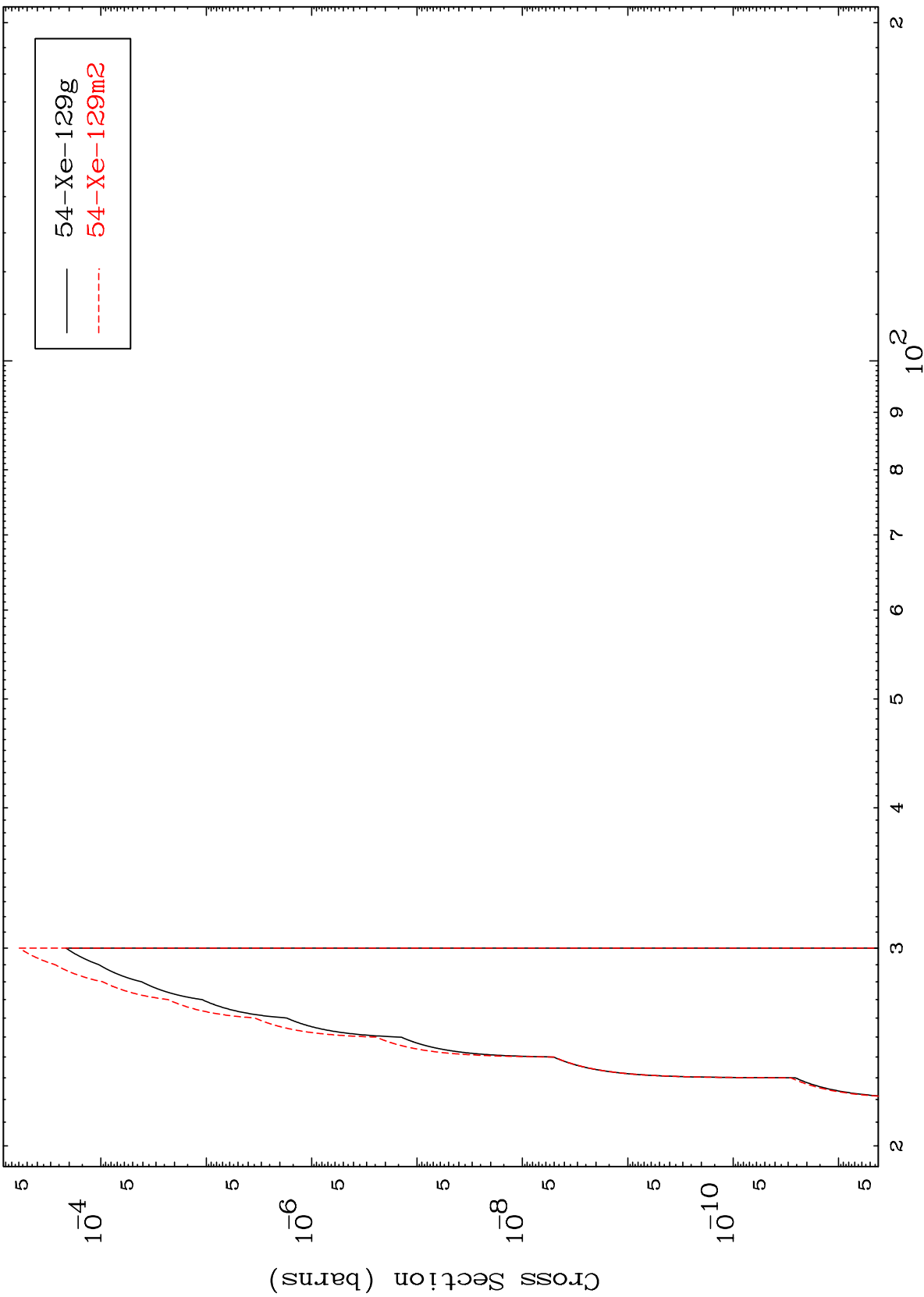


MAT 5522

(n,2n) d

55-Cs-132

Radionuclide Production Cross Section



89

Incident Energy (MeV)

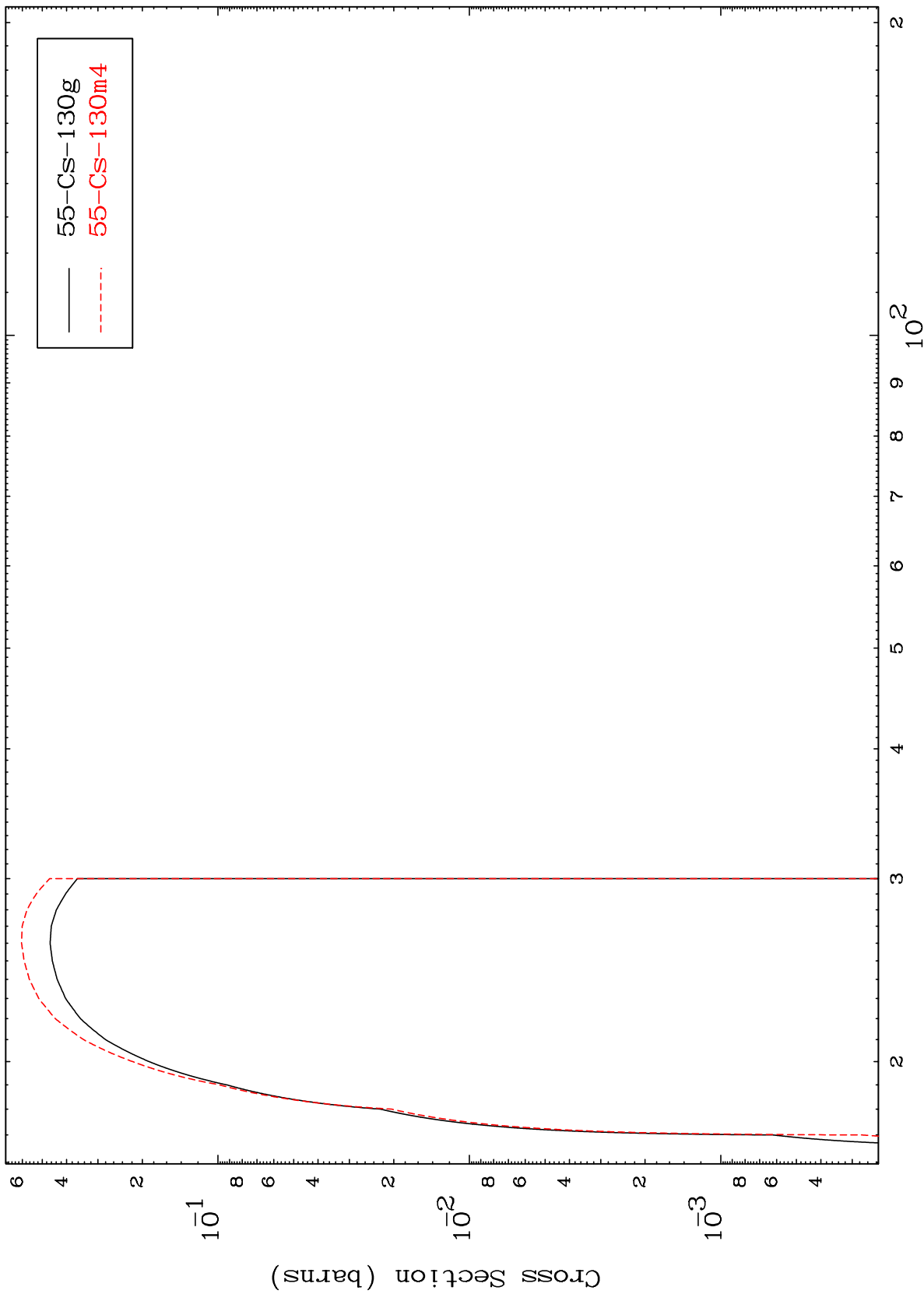
55-Cs-132

MAT 5522

55-Cs-132

(n,3n)

Radionuclide Production Cross Section



90

Incident Energy (MeV)

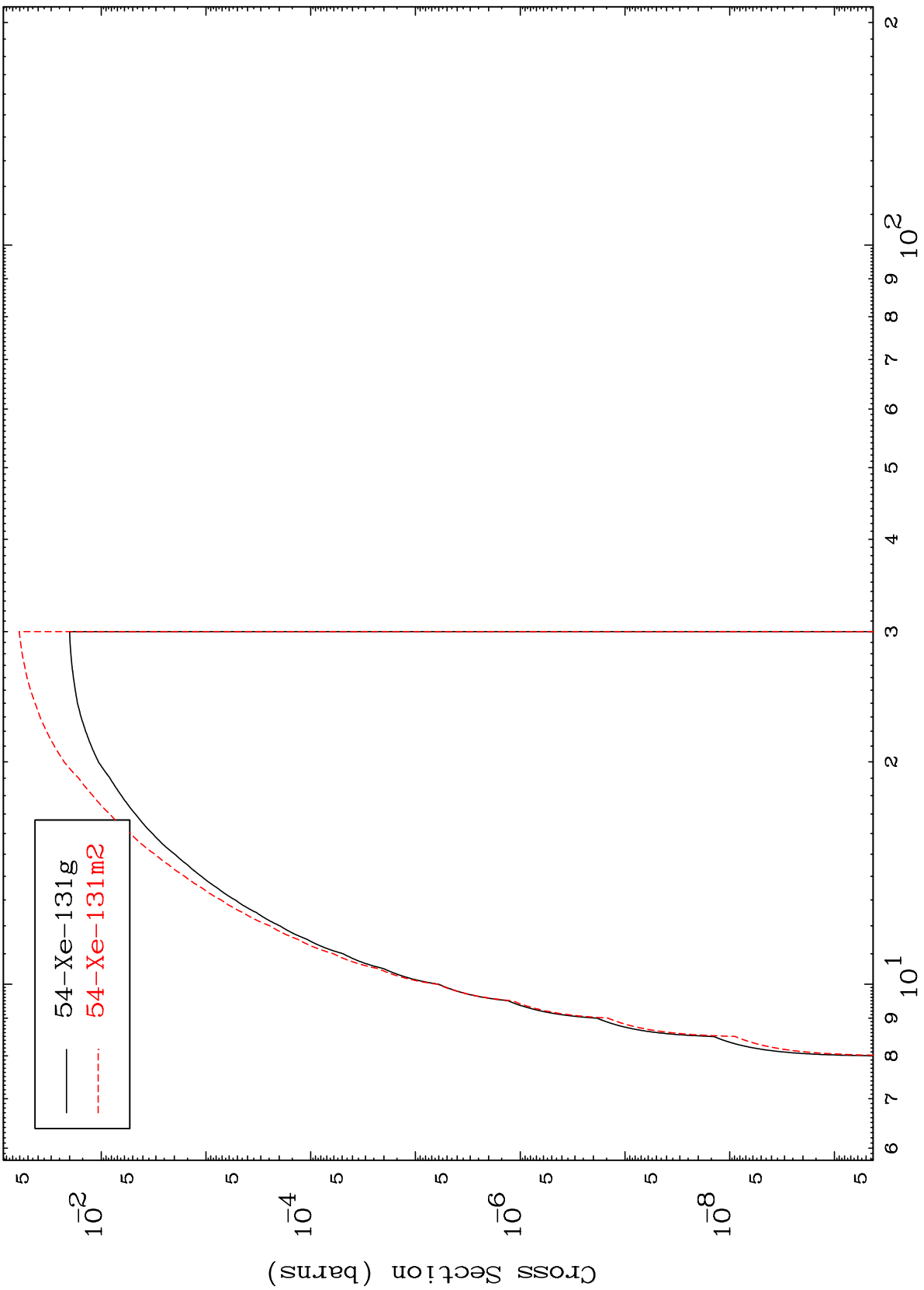
55-Cs-132

MAT 5522

(n,n') p

55-Cs-132

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

91

Incident Energy (MeV)

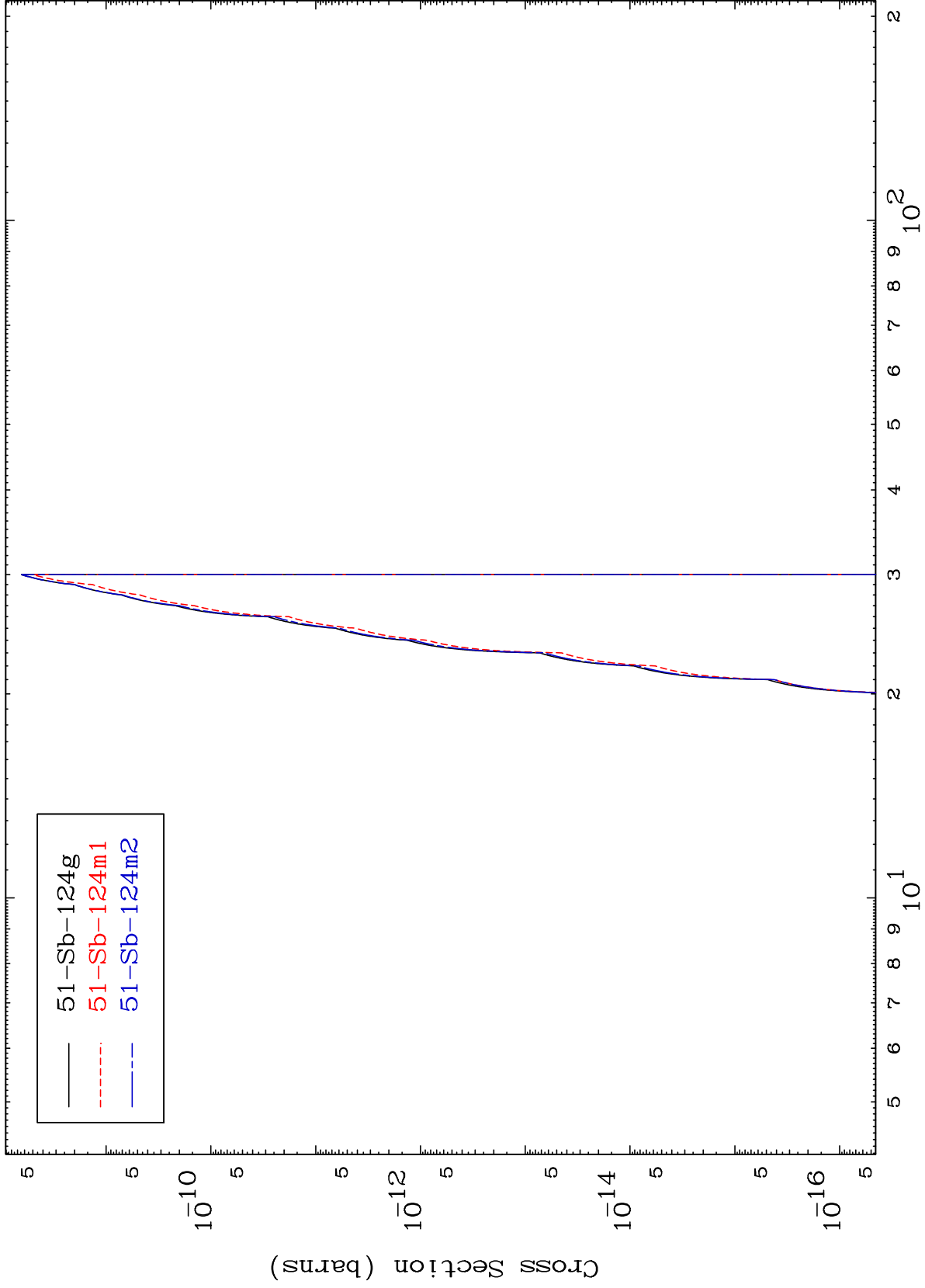
55-Cs-132

MAT 5522

(n,n') 2α

55-Cs-132

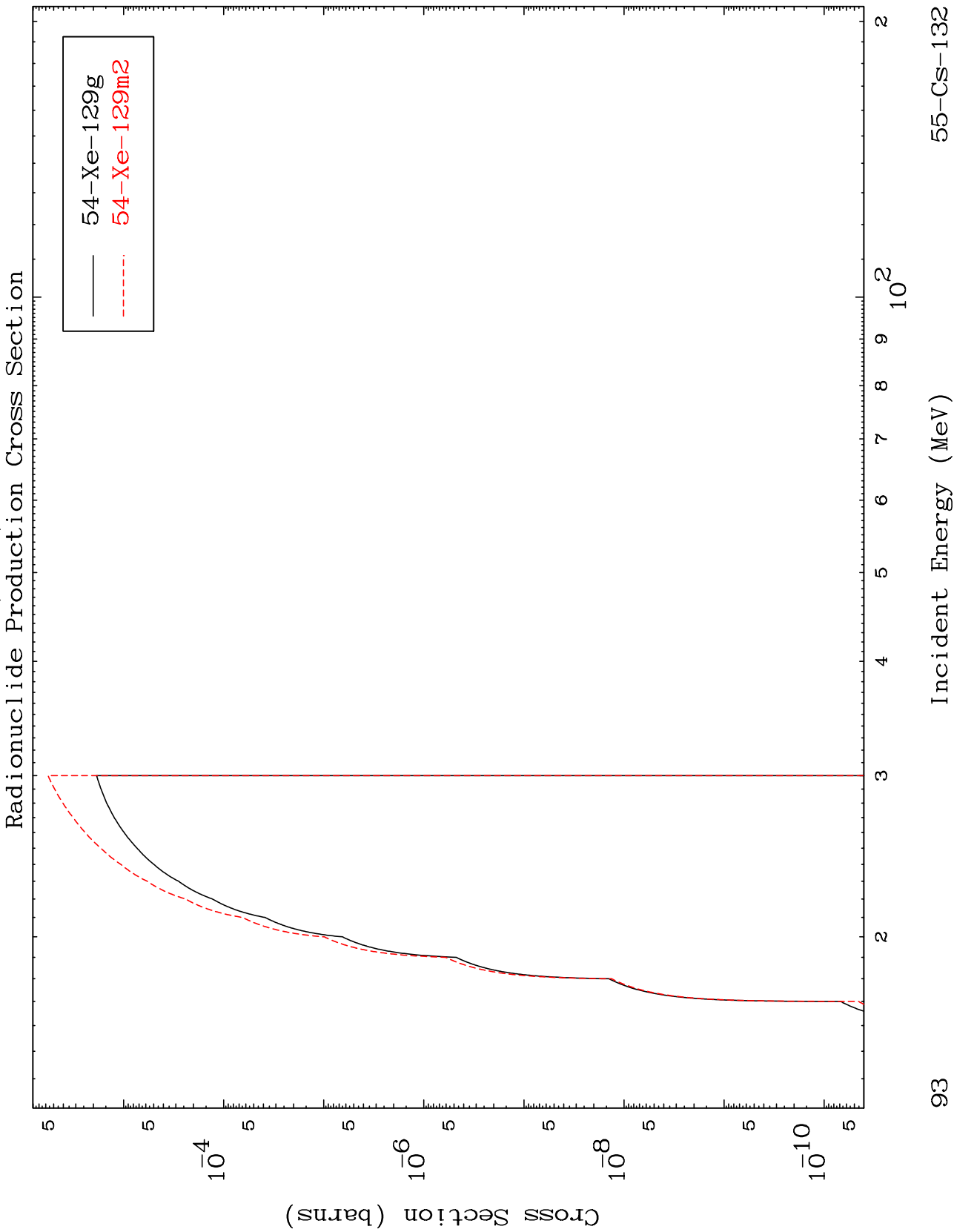
Radionuclide Production Cross Section



92

Incident Energy (MeV)

55-Cs-132

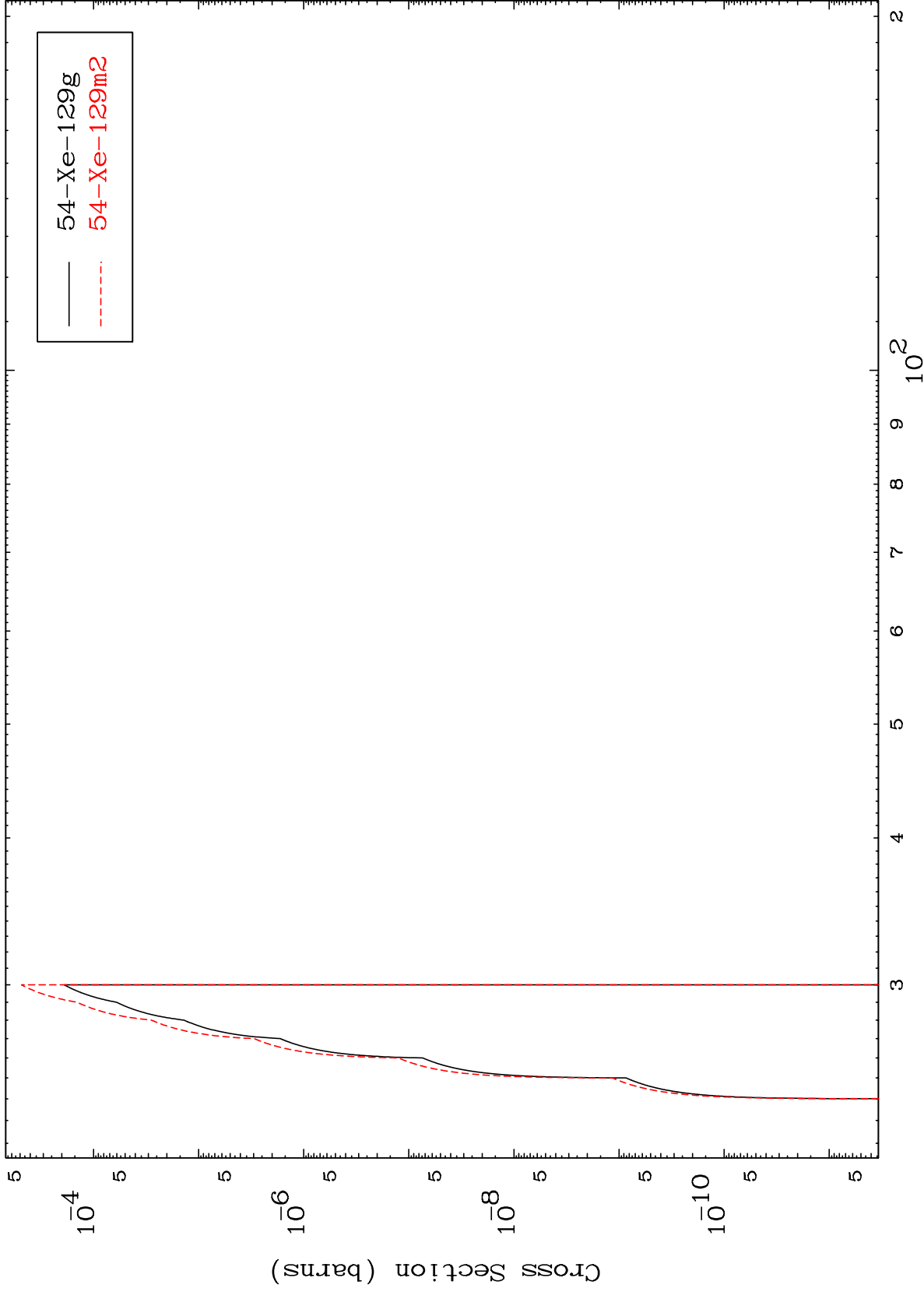


MAT 5522

(n,3n) p

55-Cs-132

Radionuclide Production Cross Section

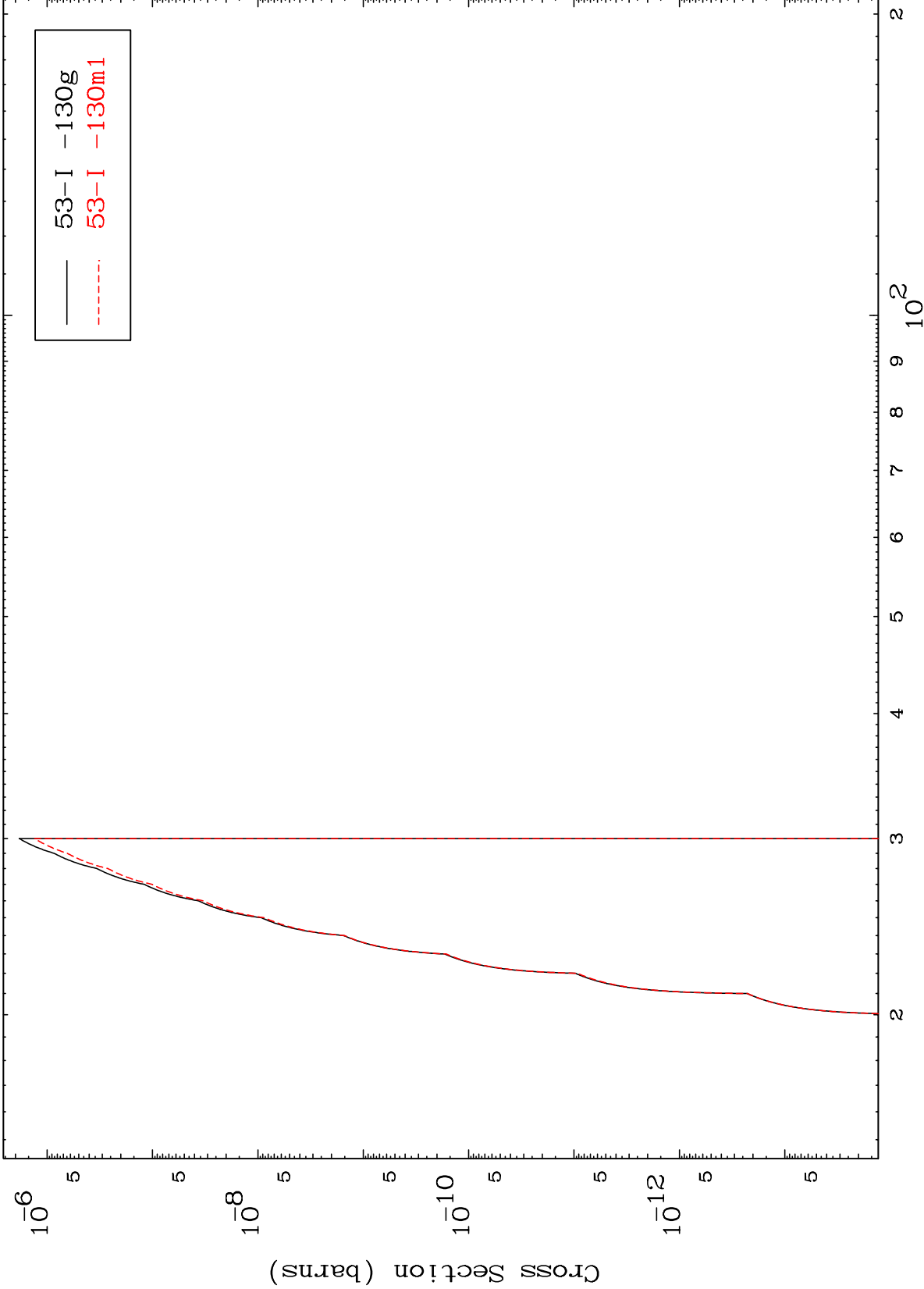


94

Incident Energy (MeV)

55-Cs-132

Radionuclide Production Cross Section

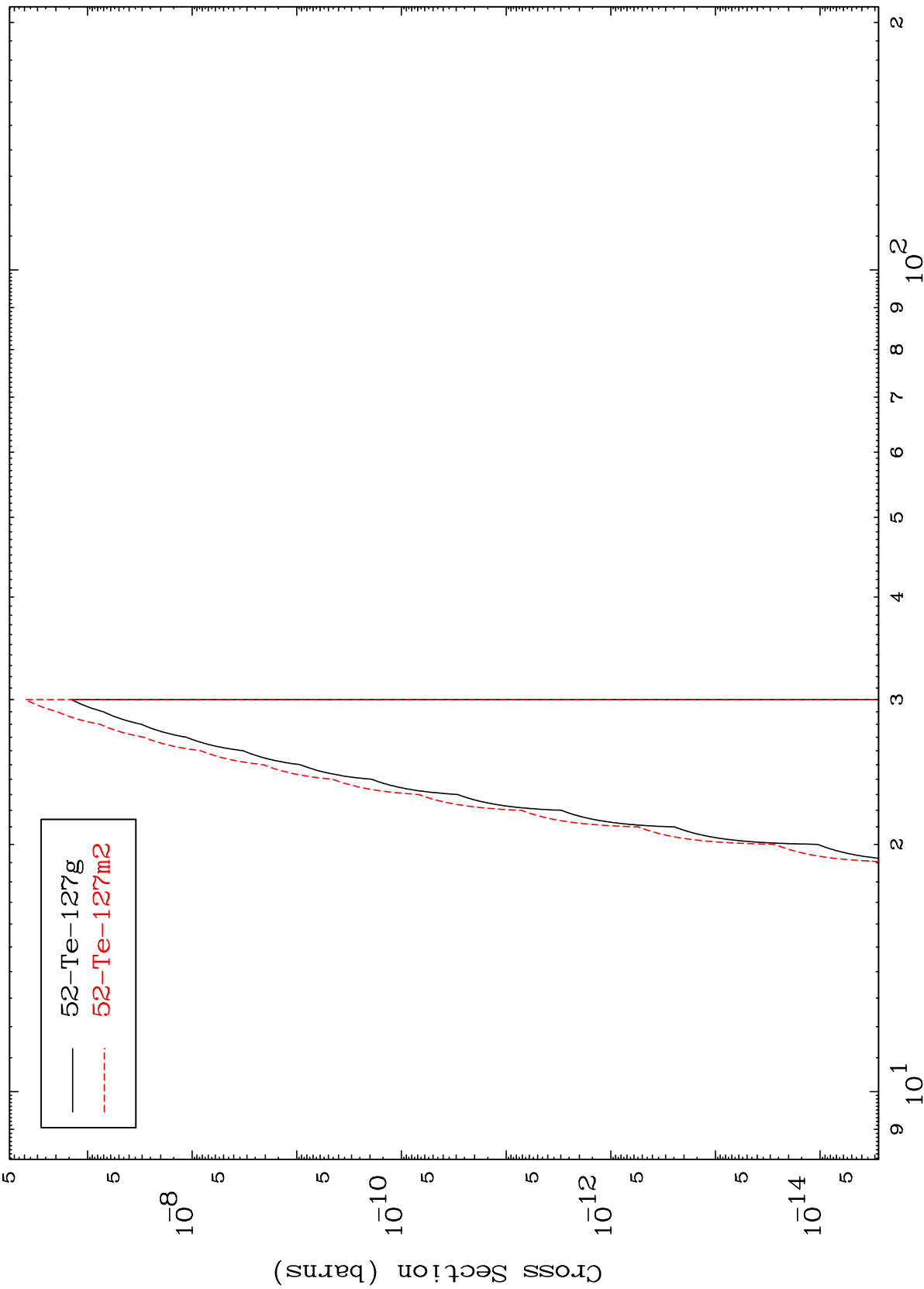


MAT 5522

(n,n') p α

55-Cs-132

Radionuclide Production Cross Section



96

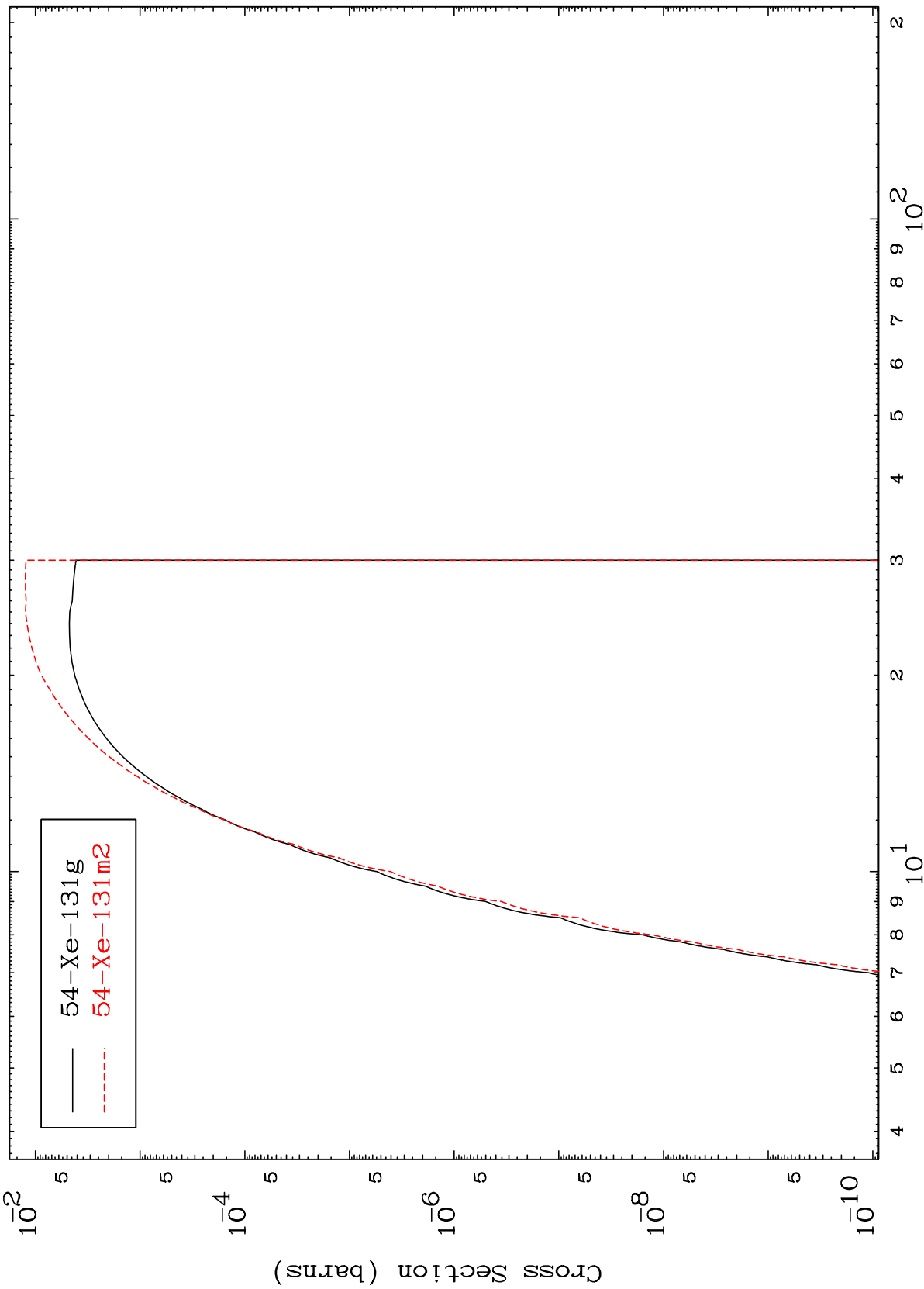
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

(n,d)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

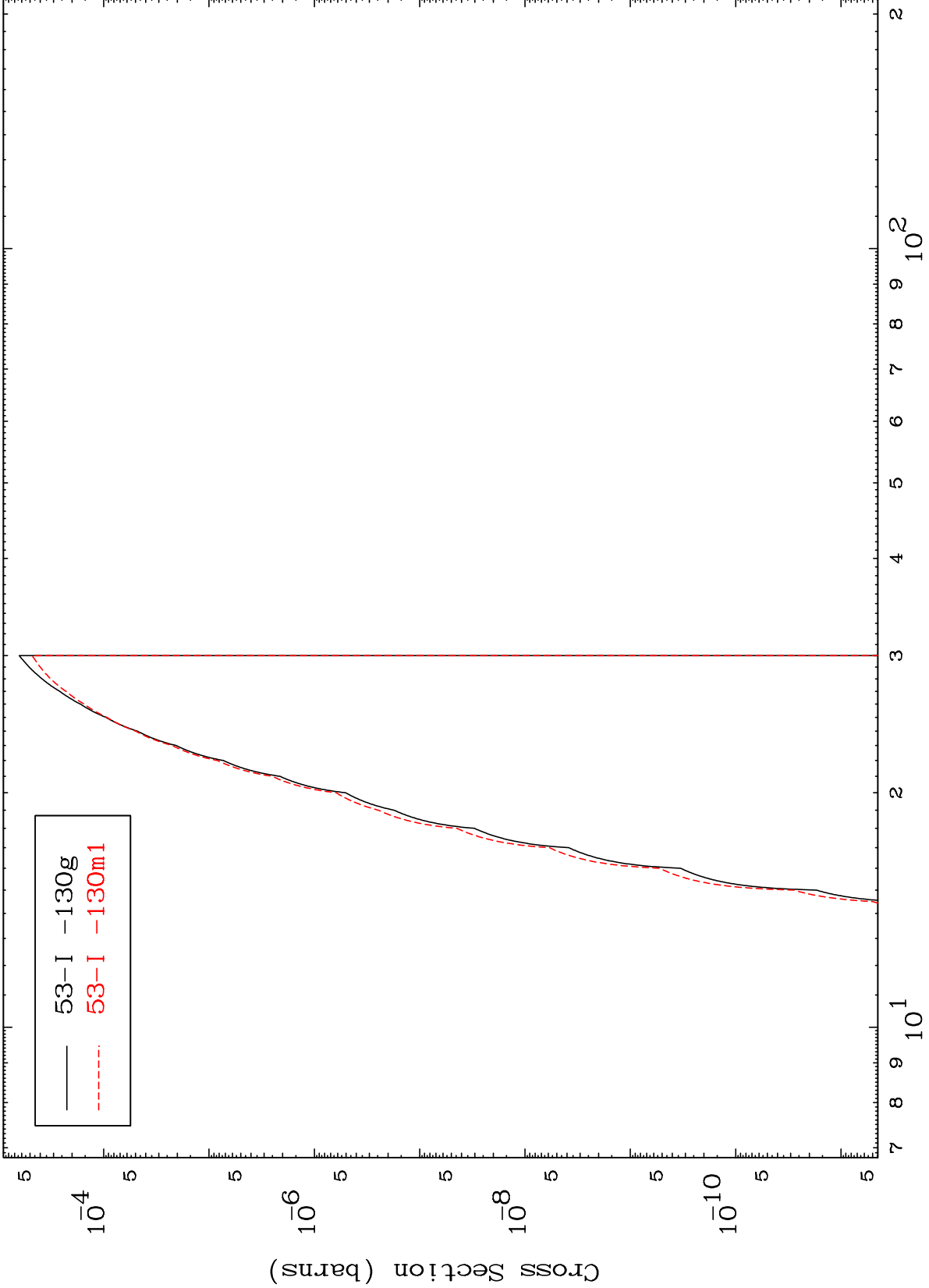
55-Cs-132

MAT 5522

(n,He-3)

55-Cs-132

Radionuclide Production Cross Section

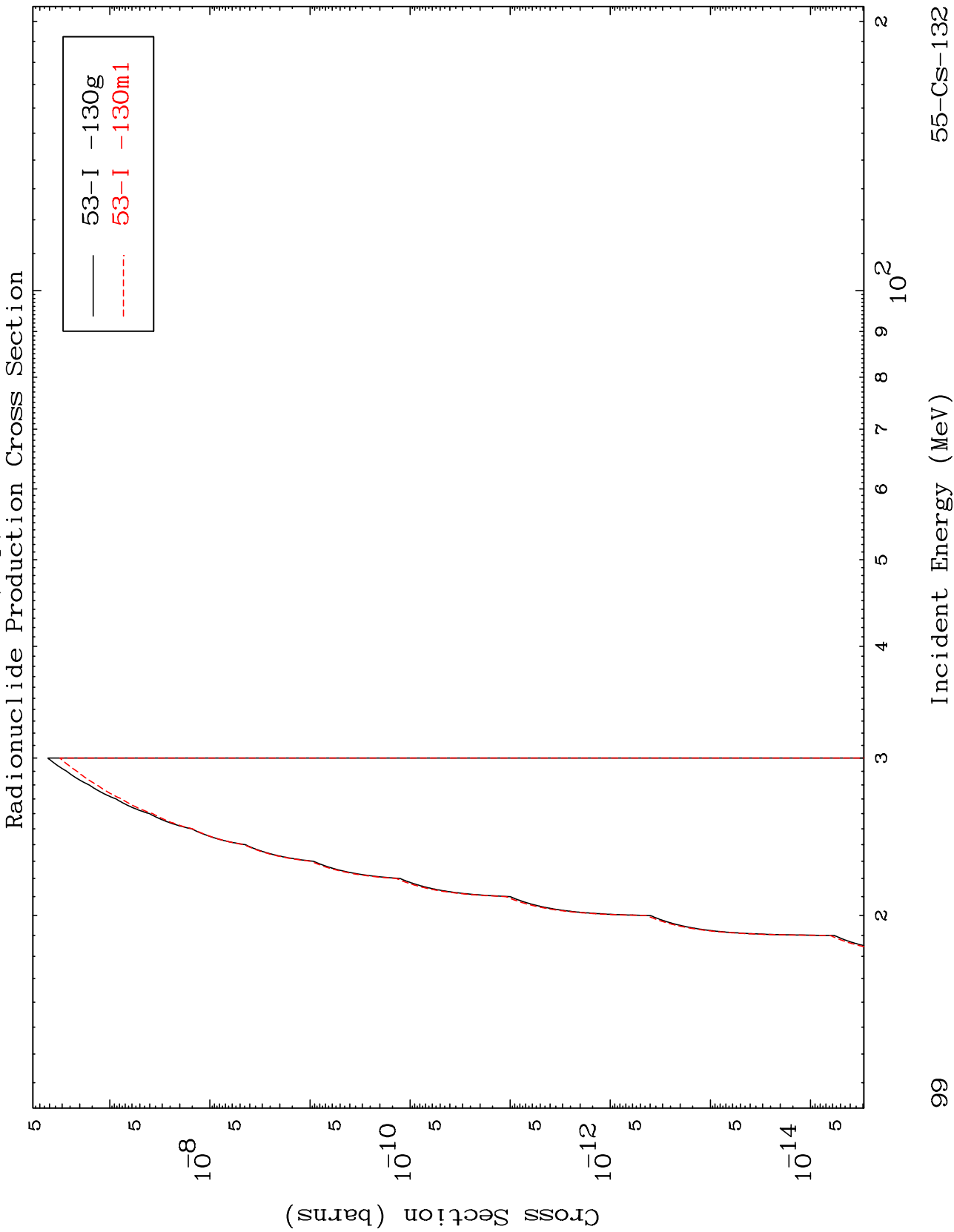


53-I -130g
53-I -130m1

98

Incident Energy (MeV)

55-Cs-132

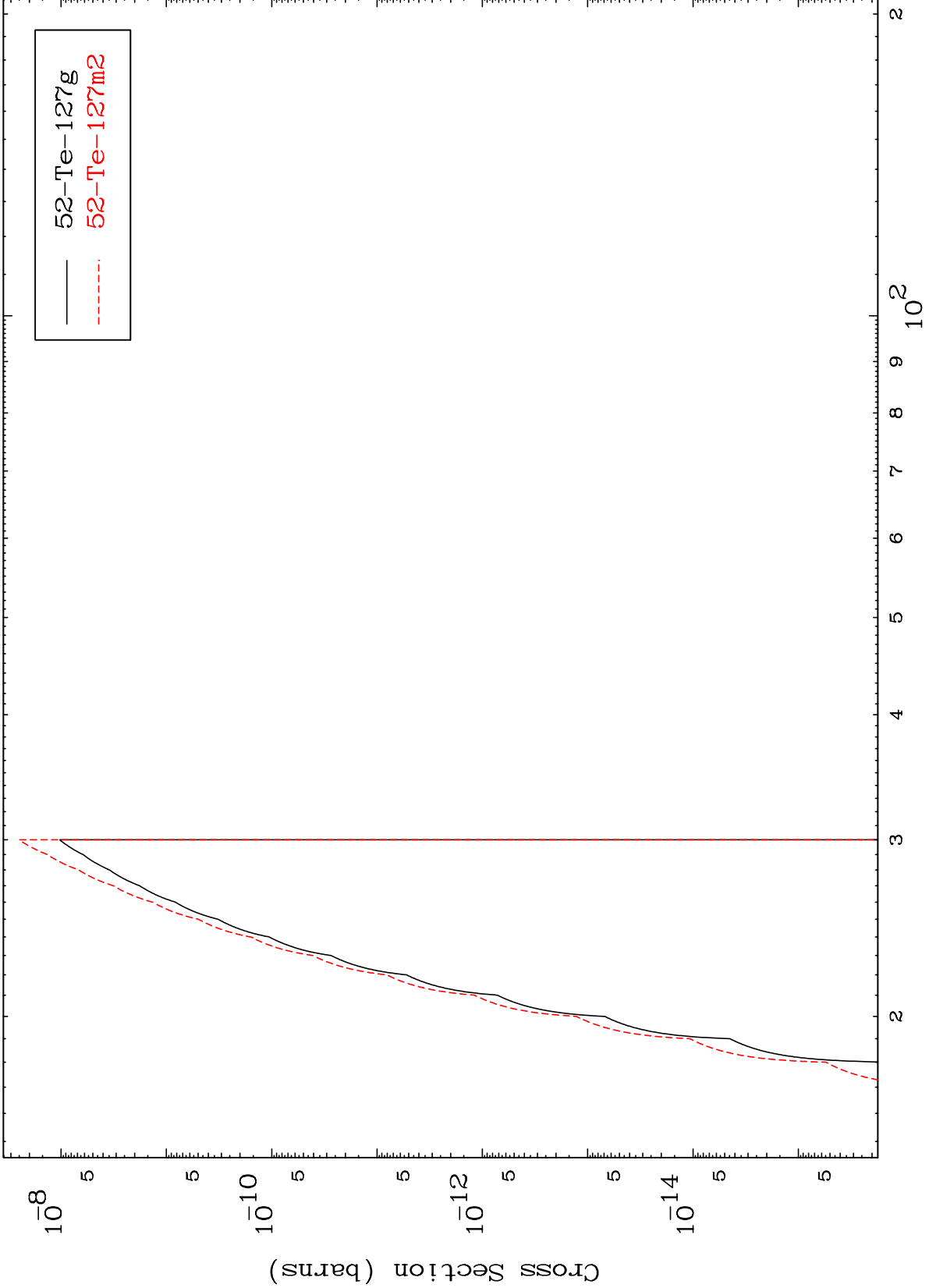


MAT 5522

(n,d) α

55-Cs-132

Radionuclide Production Cross Section



100

Incident Energy (MeV)

10^2

55-Cs-132