

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

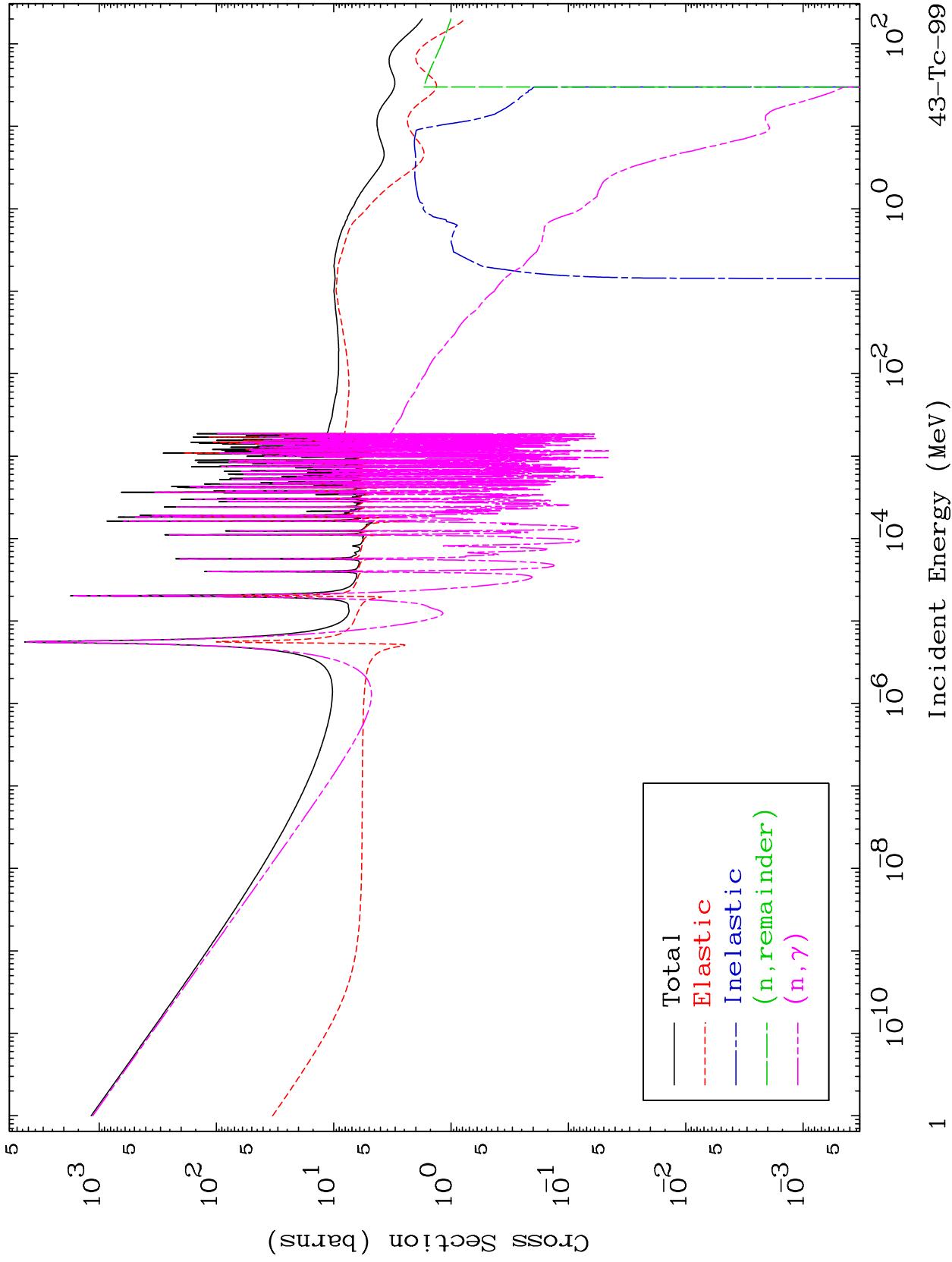
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4325

Major
293 Kelvin Cross Sections

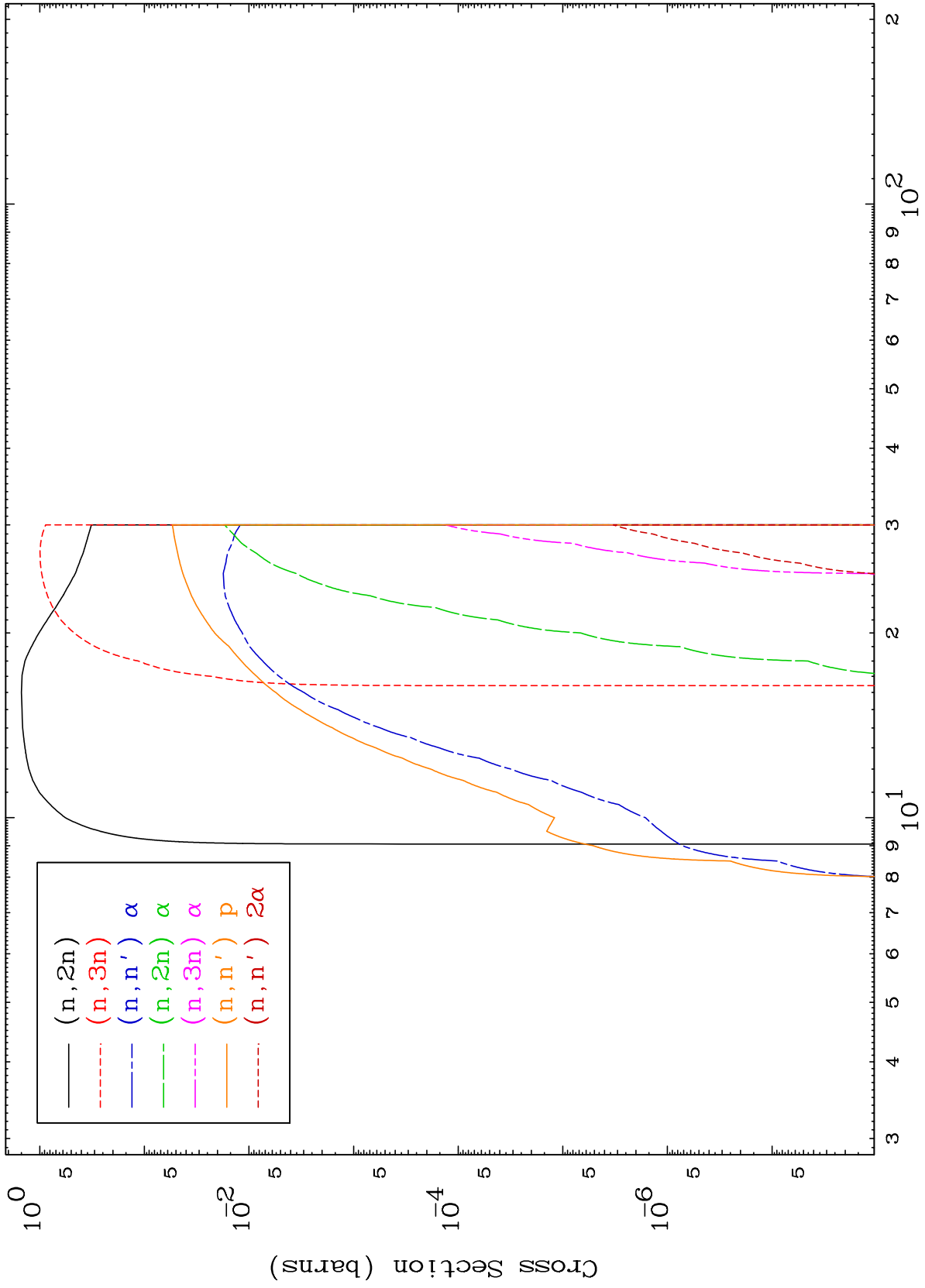
43-Tc-99



MAT 4325

Neutron Production
293 Kelvin Cross Sections

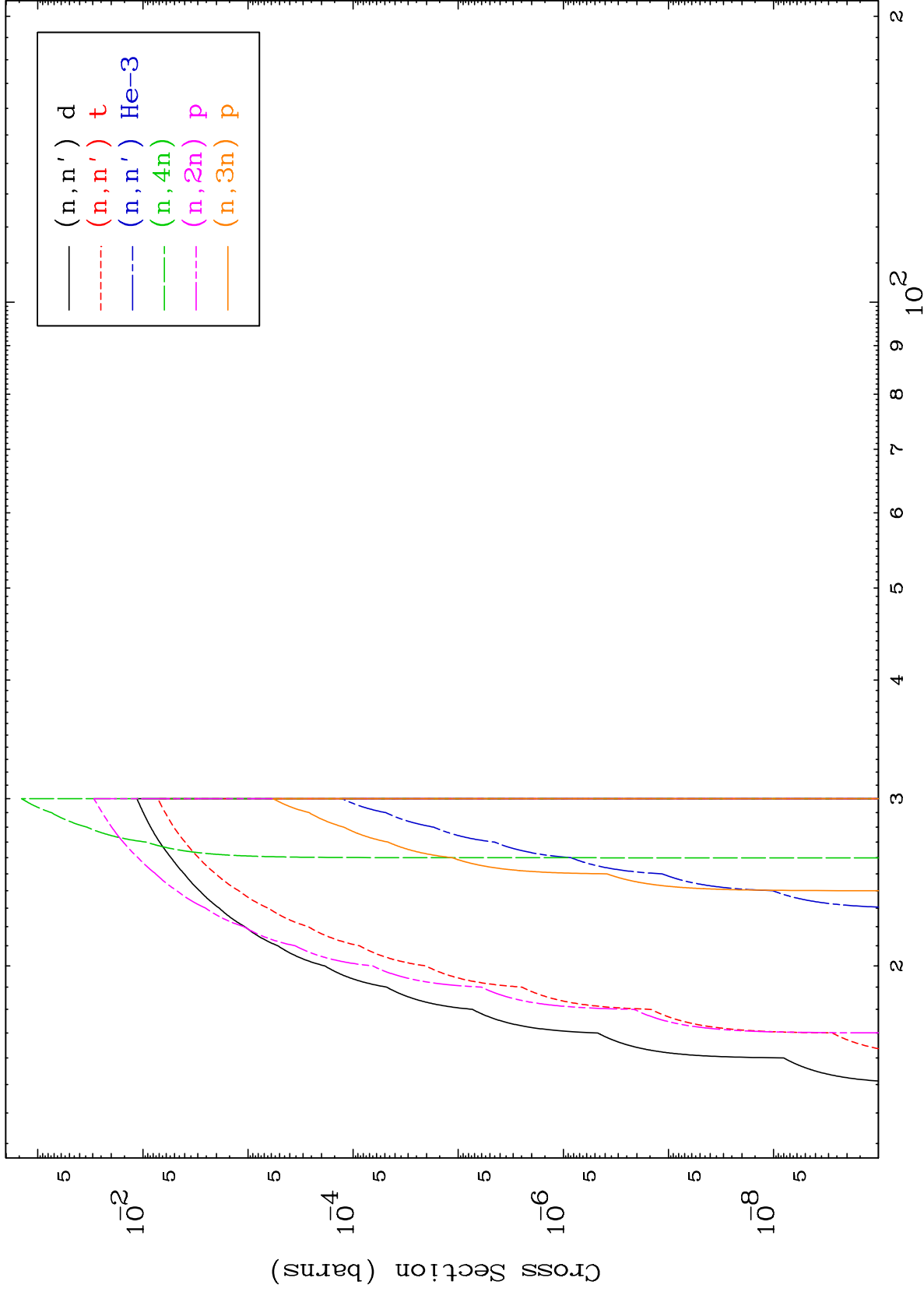
43-Tc-99

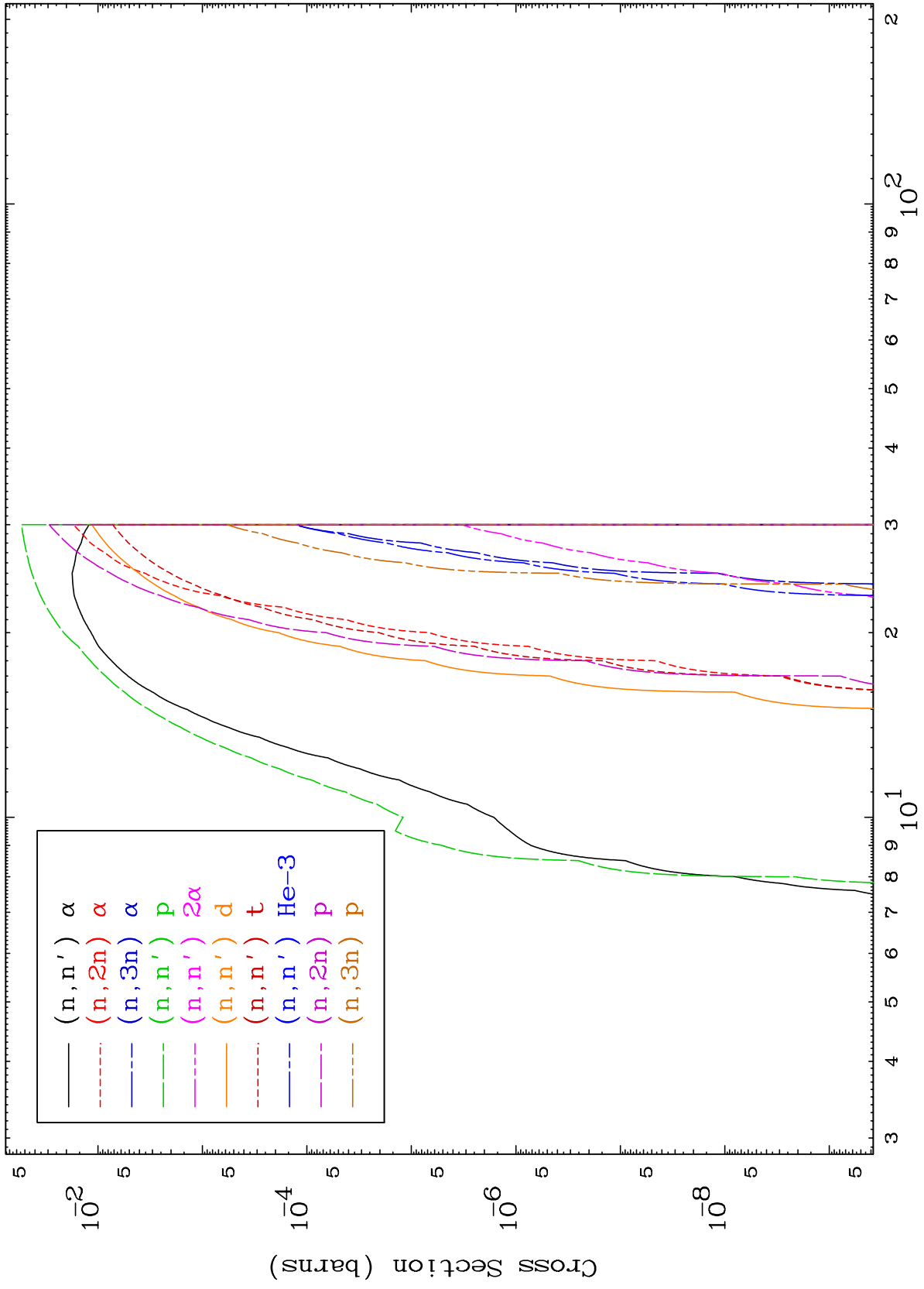


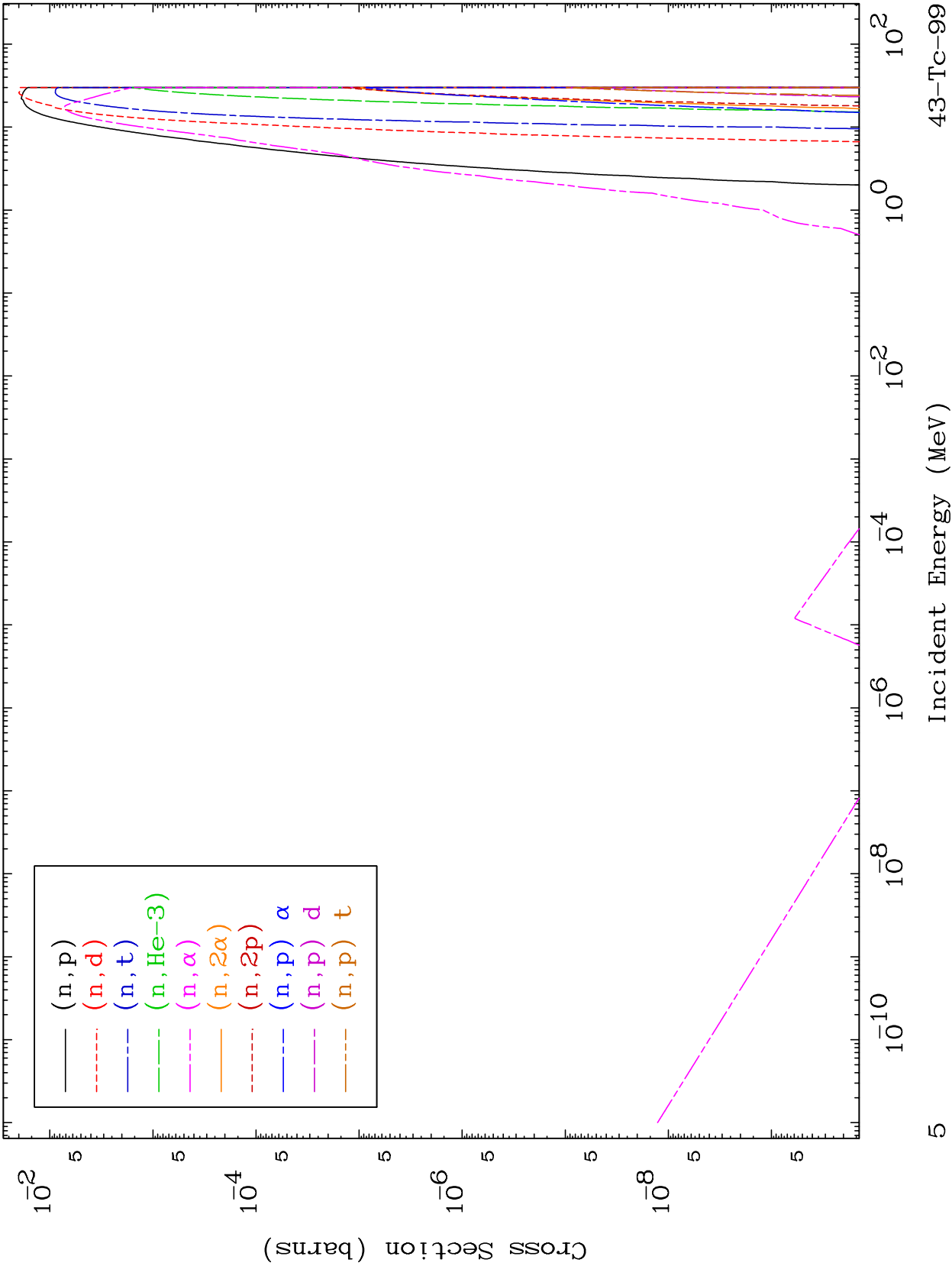
2

Incident Energy (MeV)

43-Tc-99



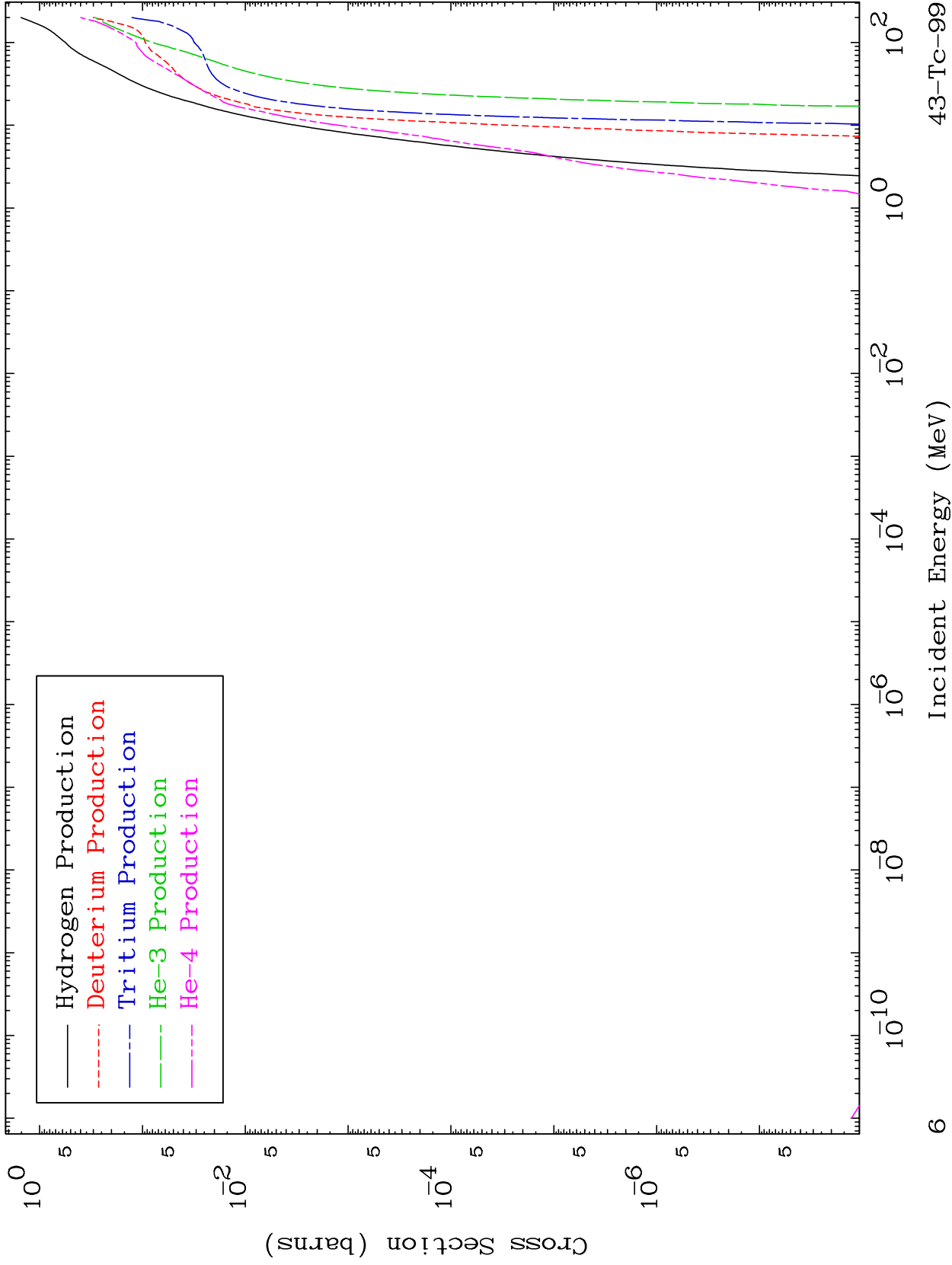




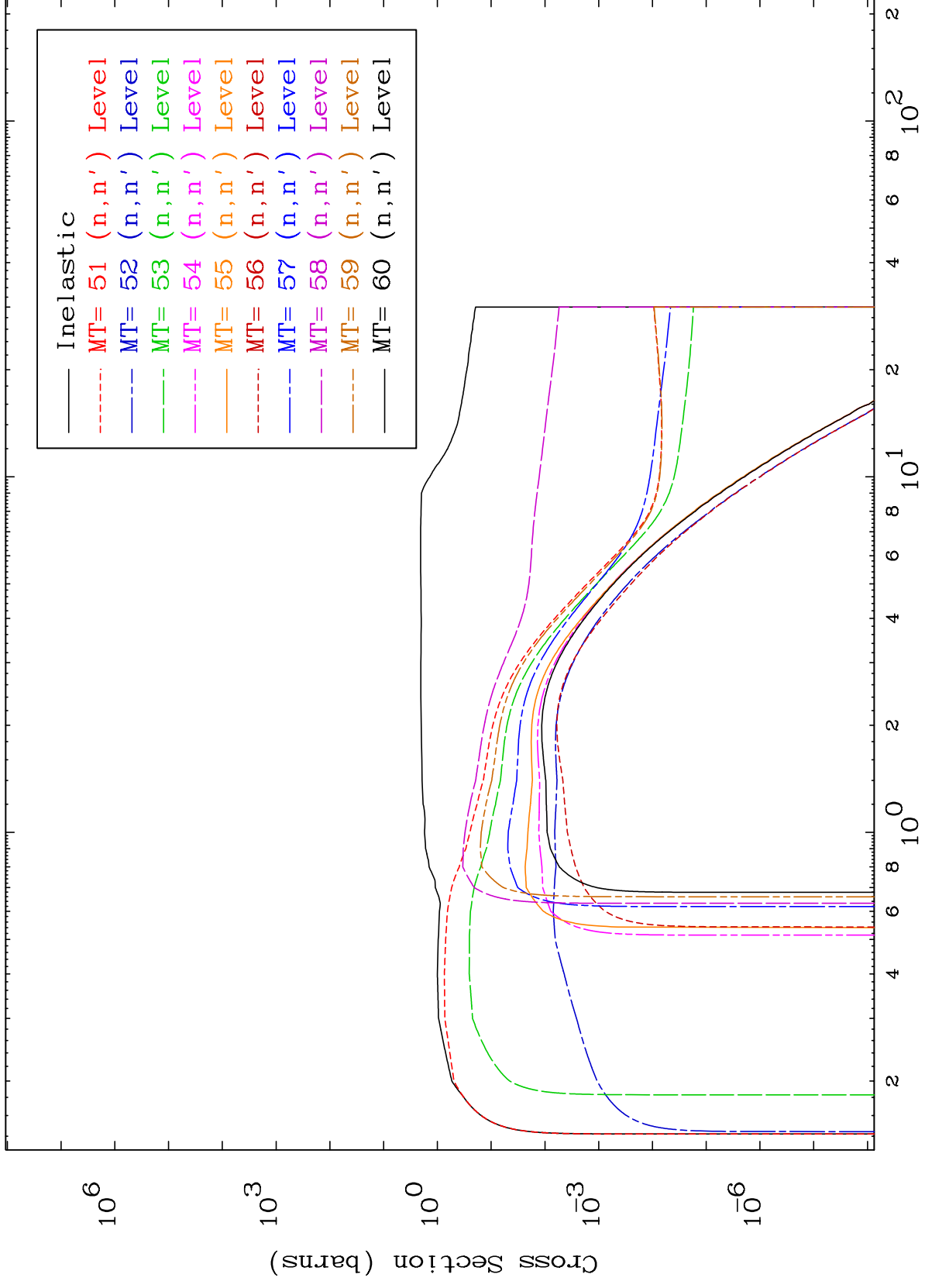
MAT 4325

Particle Production
293 Kelvin Cross Sections

43-Tc-99



293 Kelvin Cross Sections

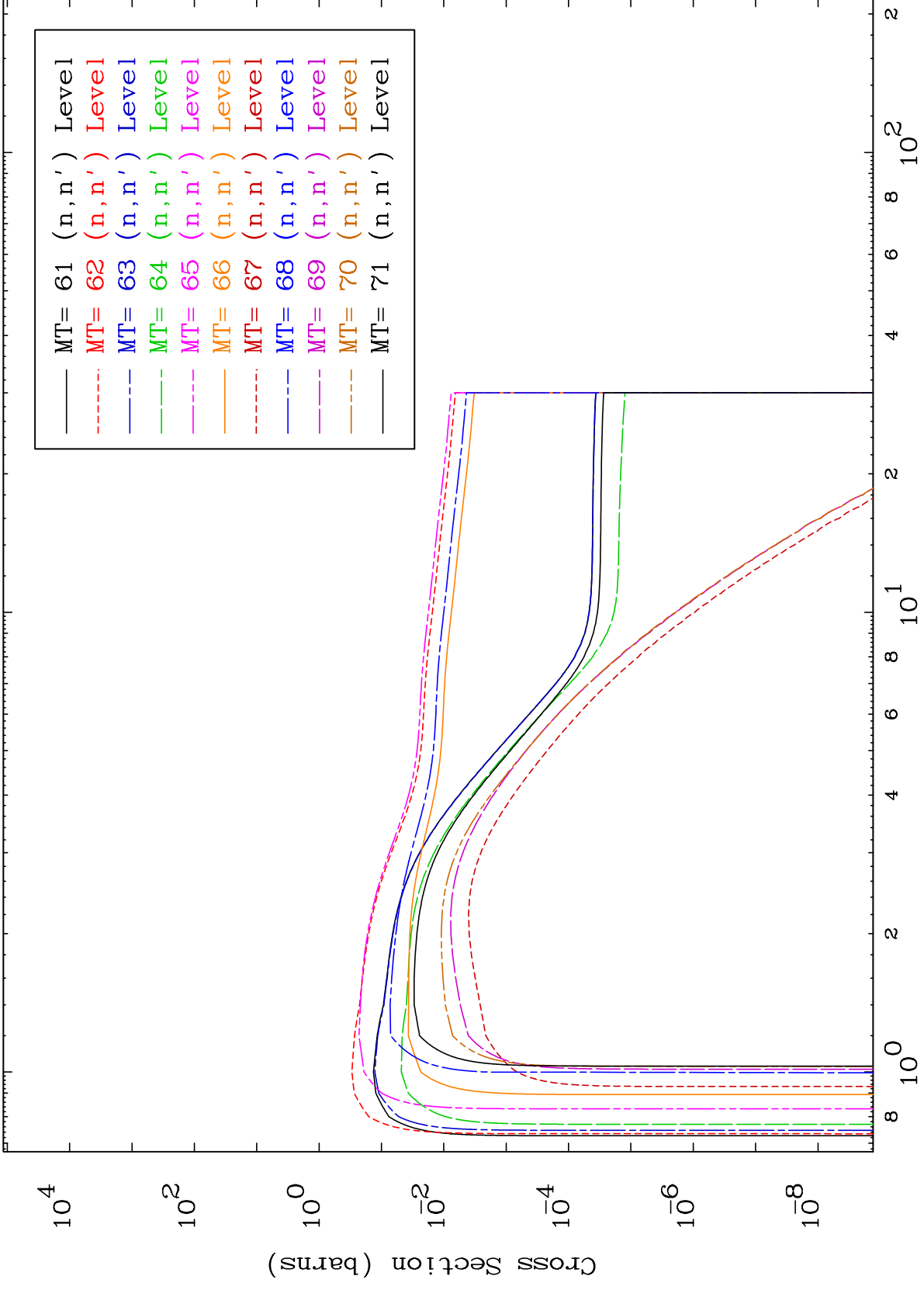


MAT 4325

(n,n') Level

43-Tc-99

293 Kelvin Cross Sections

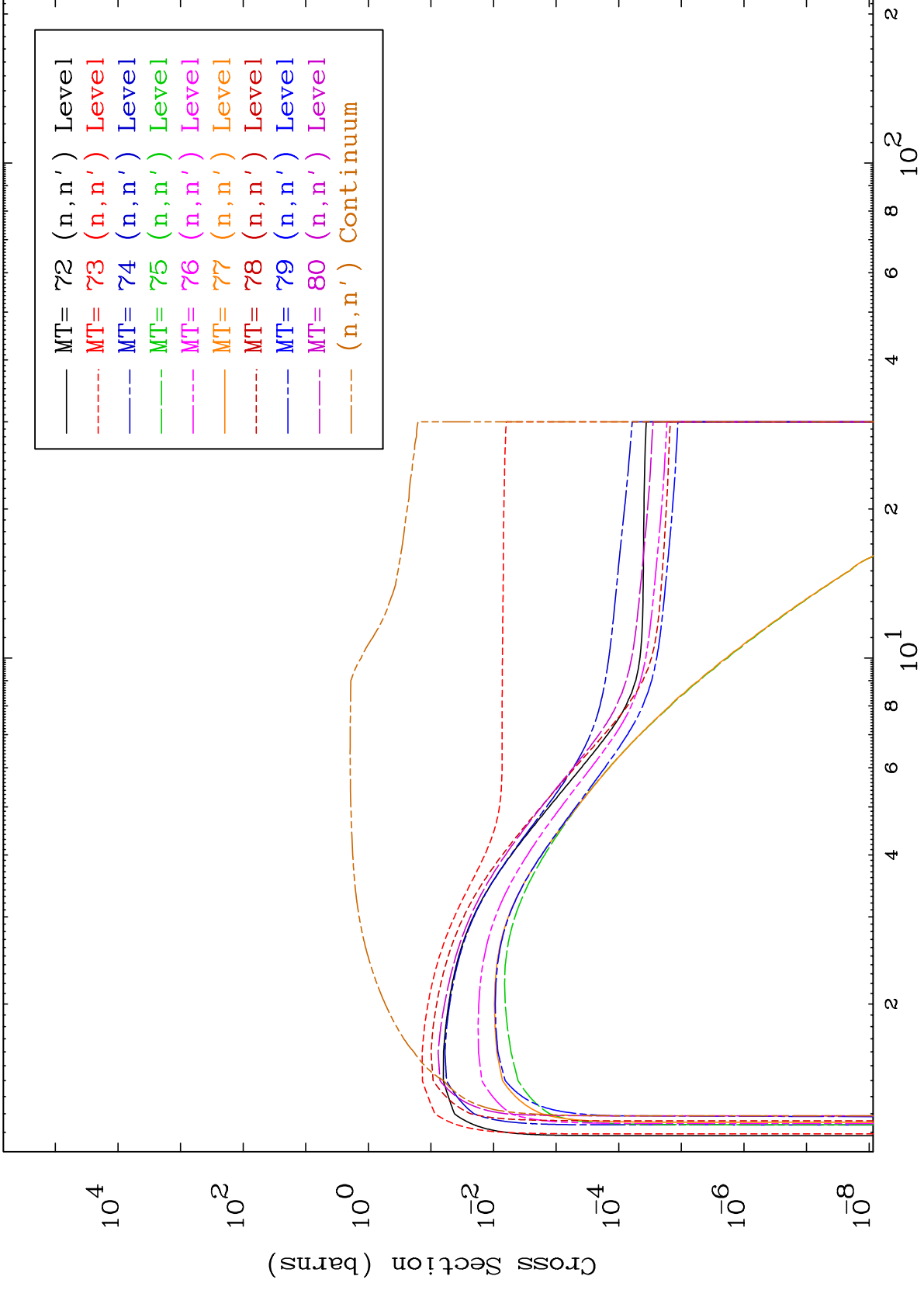


8

Incident Energy (MeV)

43-Tc-99

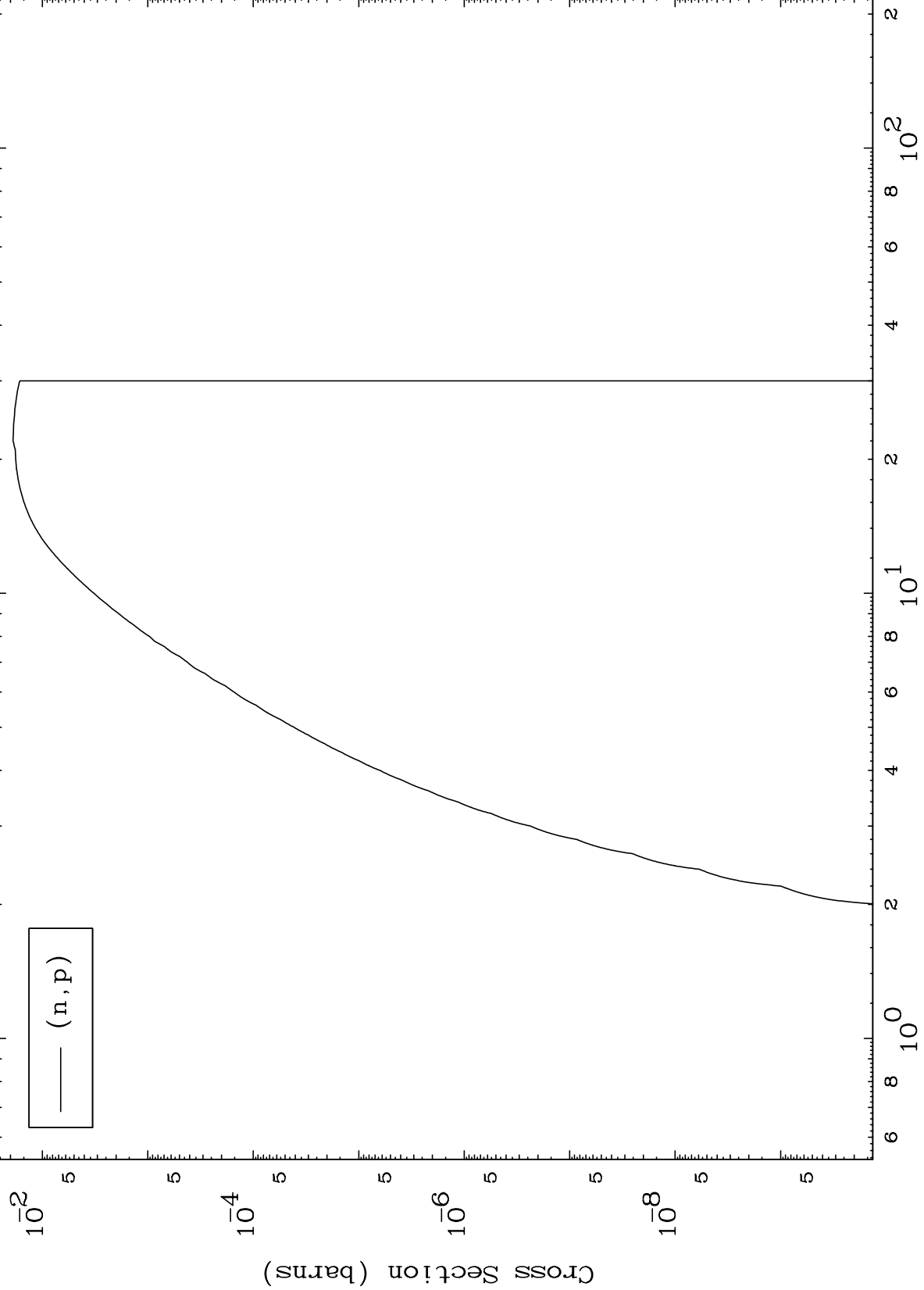
293 Kelvin Cross Sections



MAT 4325

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-99



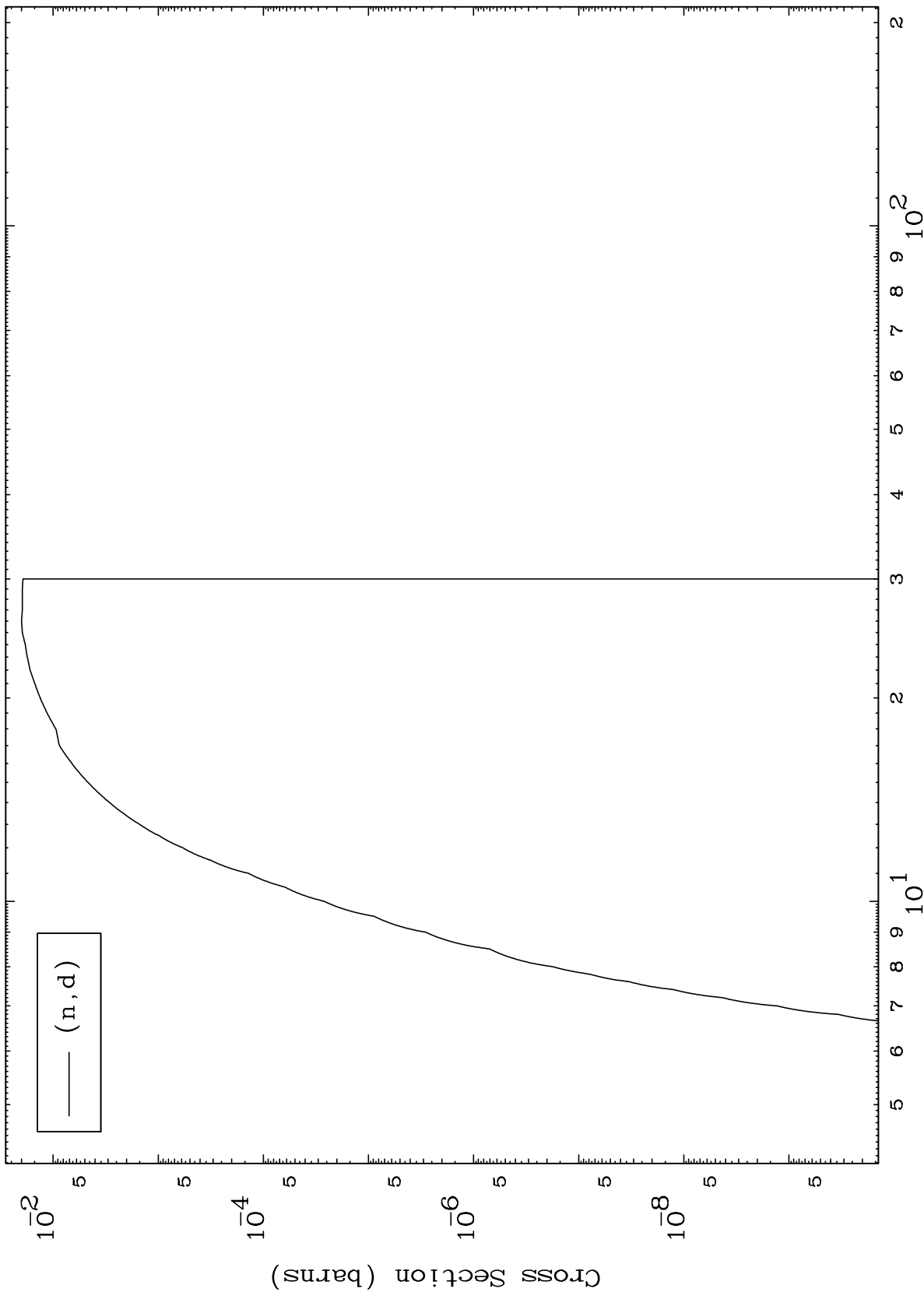
Incident Energy (MeV)

43-Tc-99

MAT 4325

(n,d) Levels
293 Kelvin Cross Sections

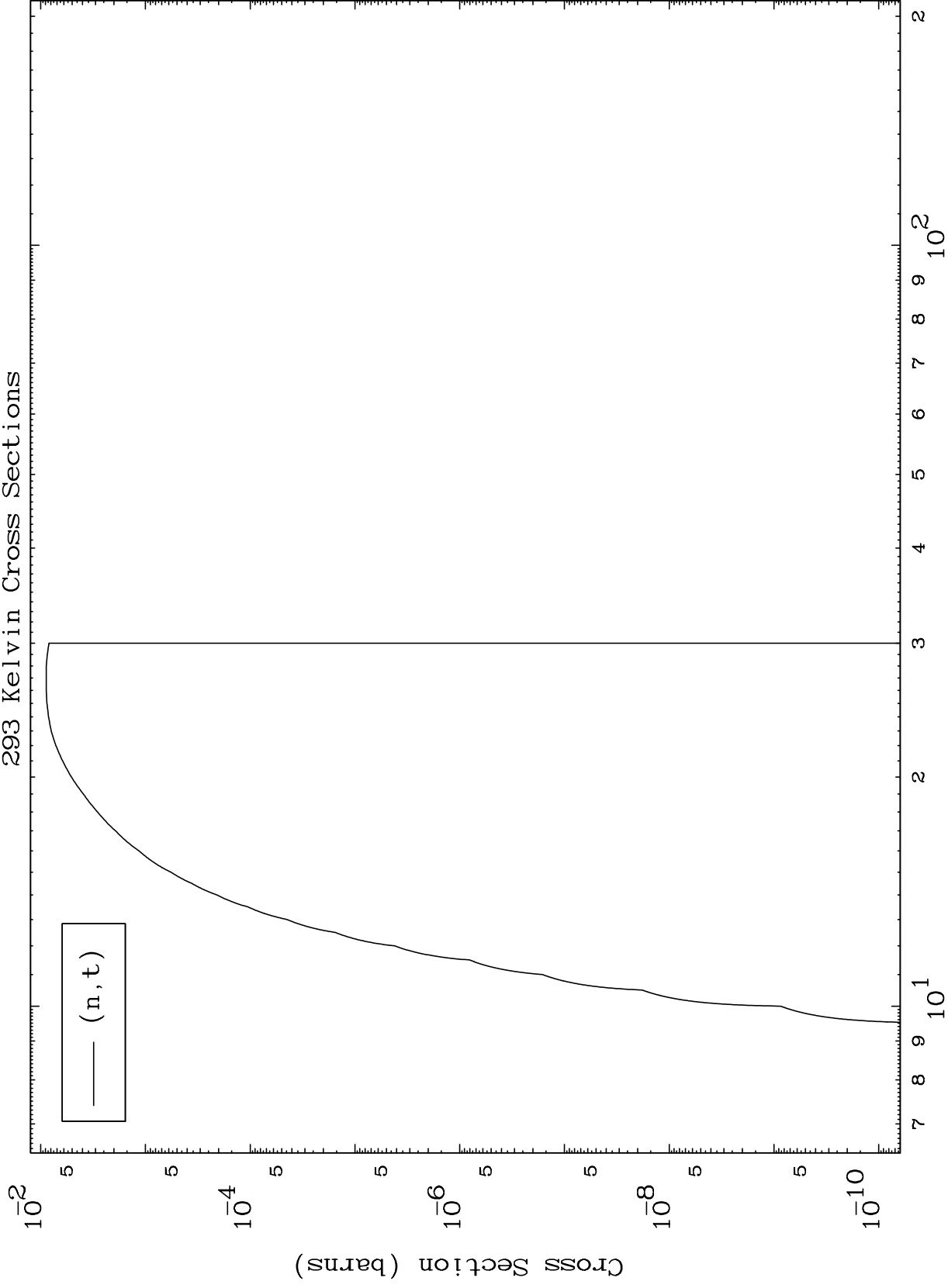
43-Tc-99



MAT 4325

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-99



12

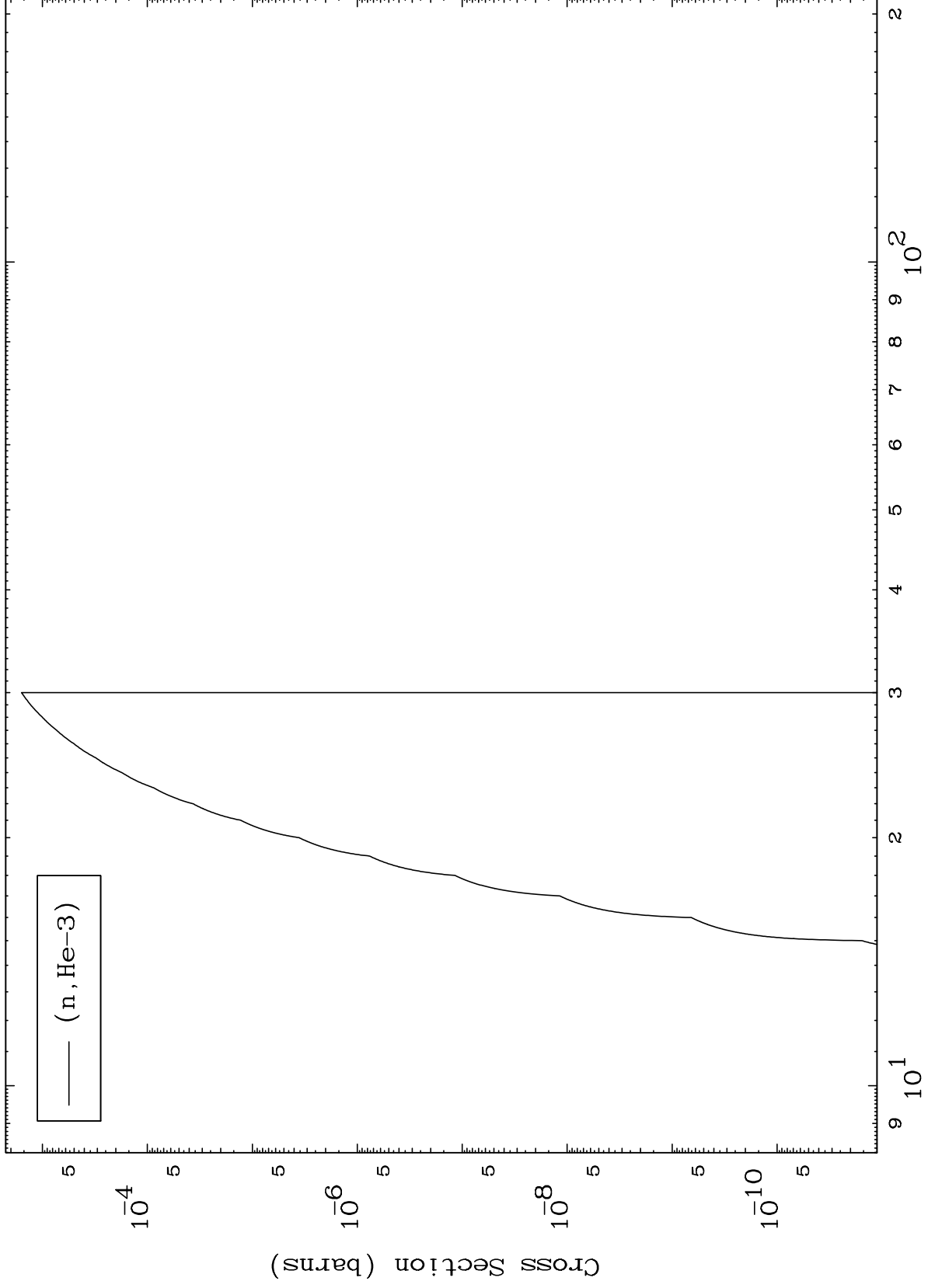
Incident Energy (MeV)

43-Tc-99

MAT 4325

(n,He3) Levels
293 Kelvin Cross Sections

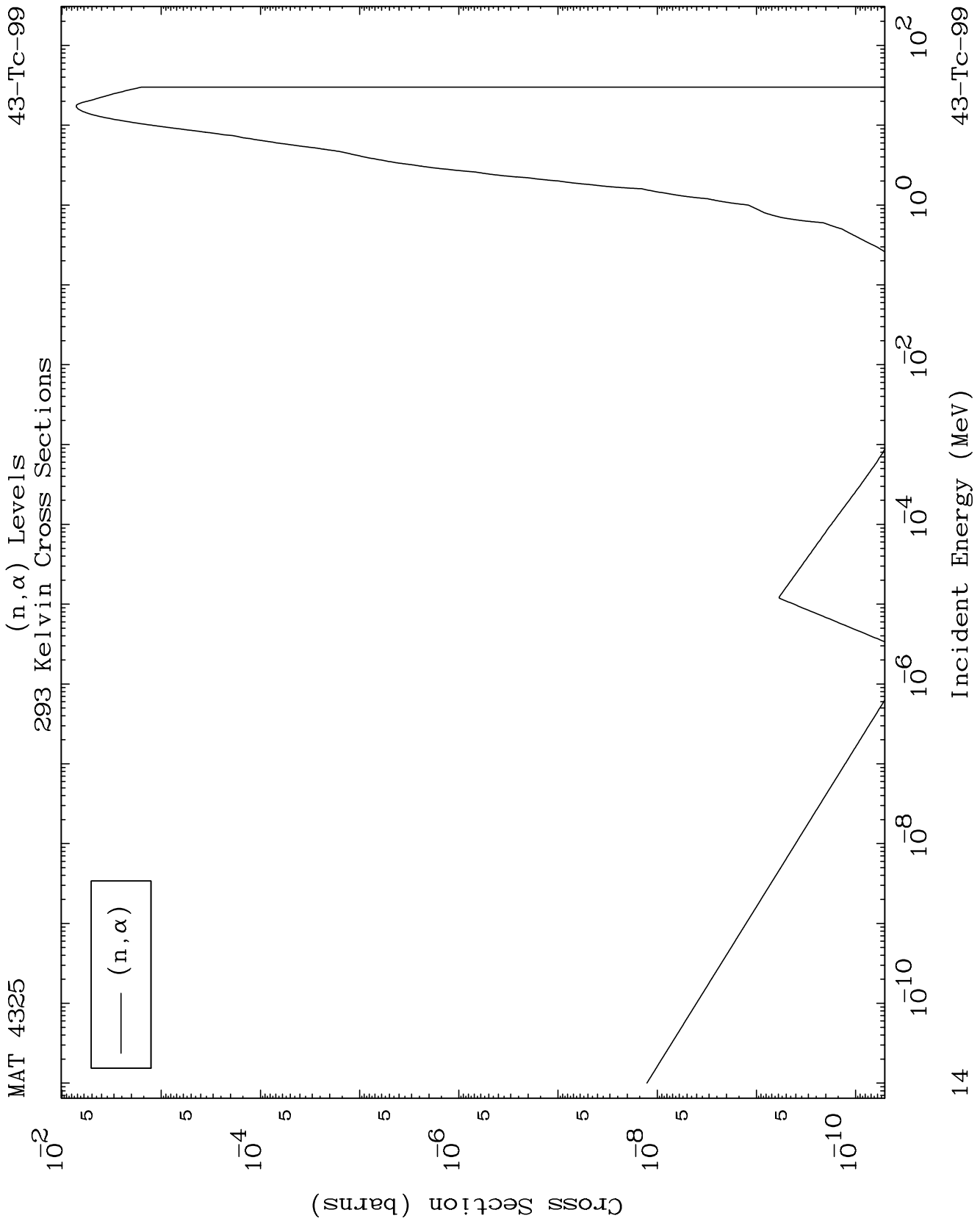
43-Tc-99

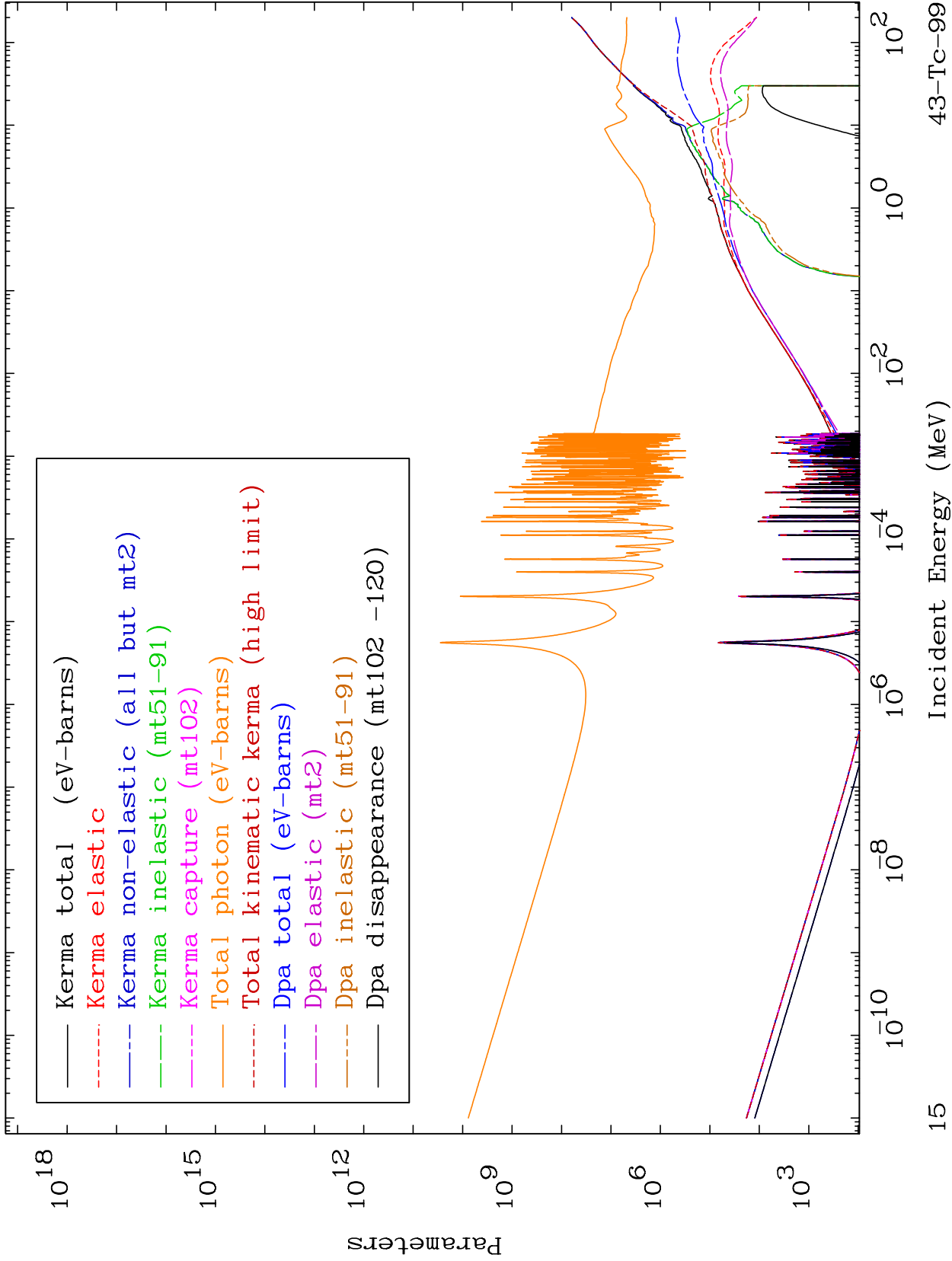


13

Incident Energy (MeV)

43-Tc-99

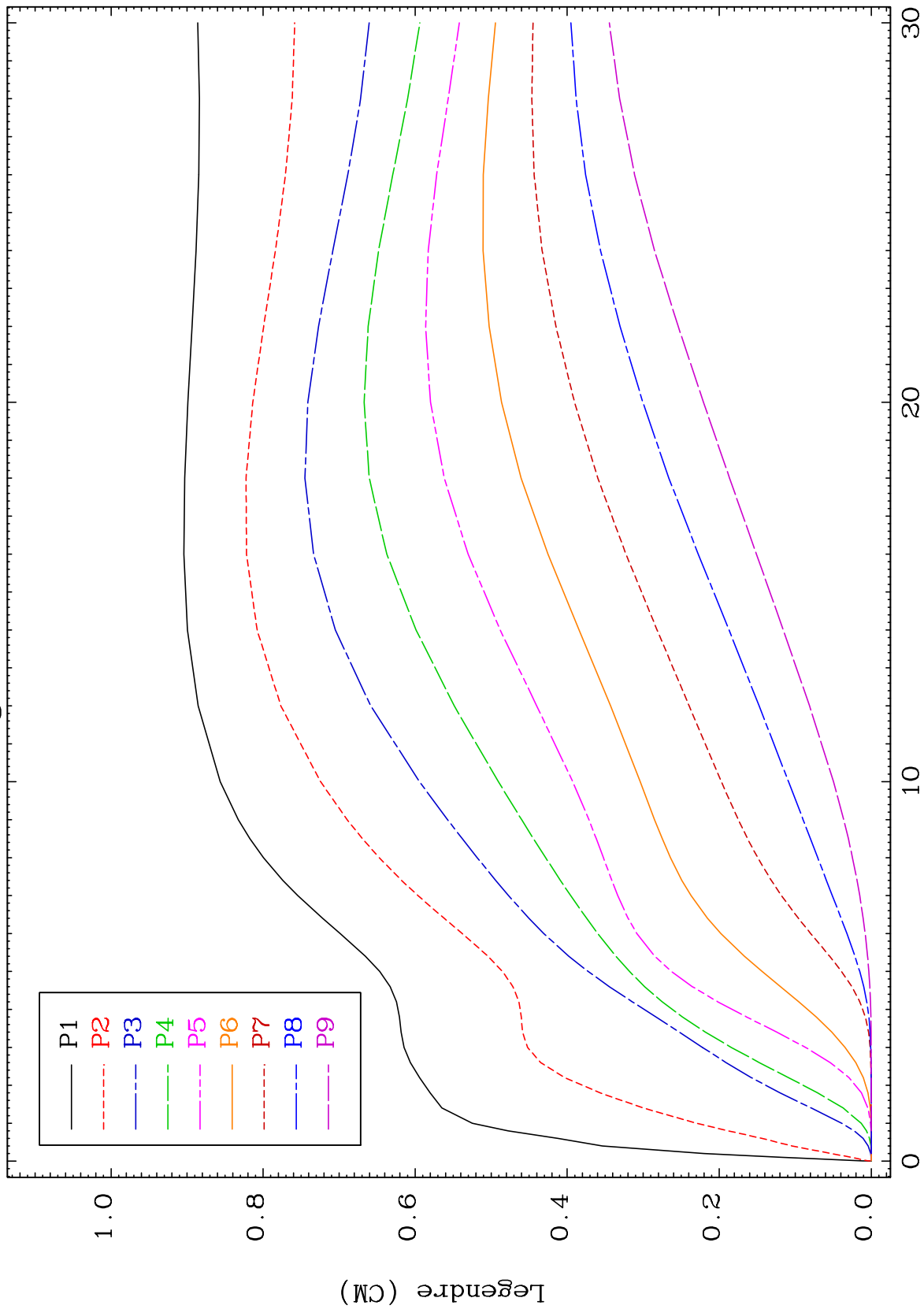




MAT 4325

Elastic Legendre Coefficients

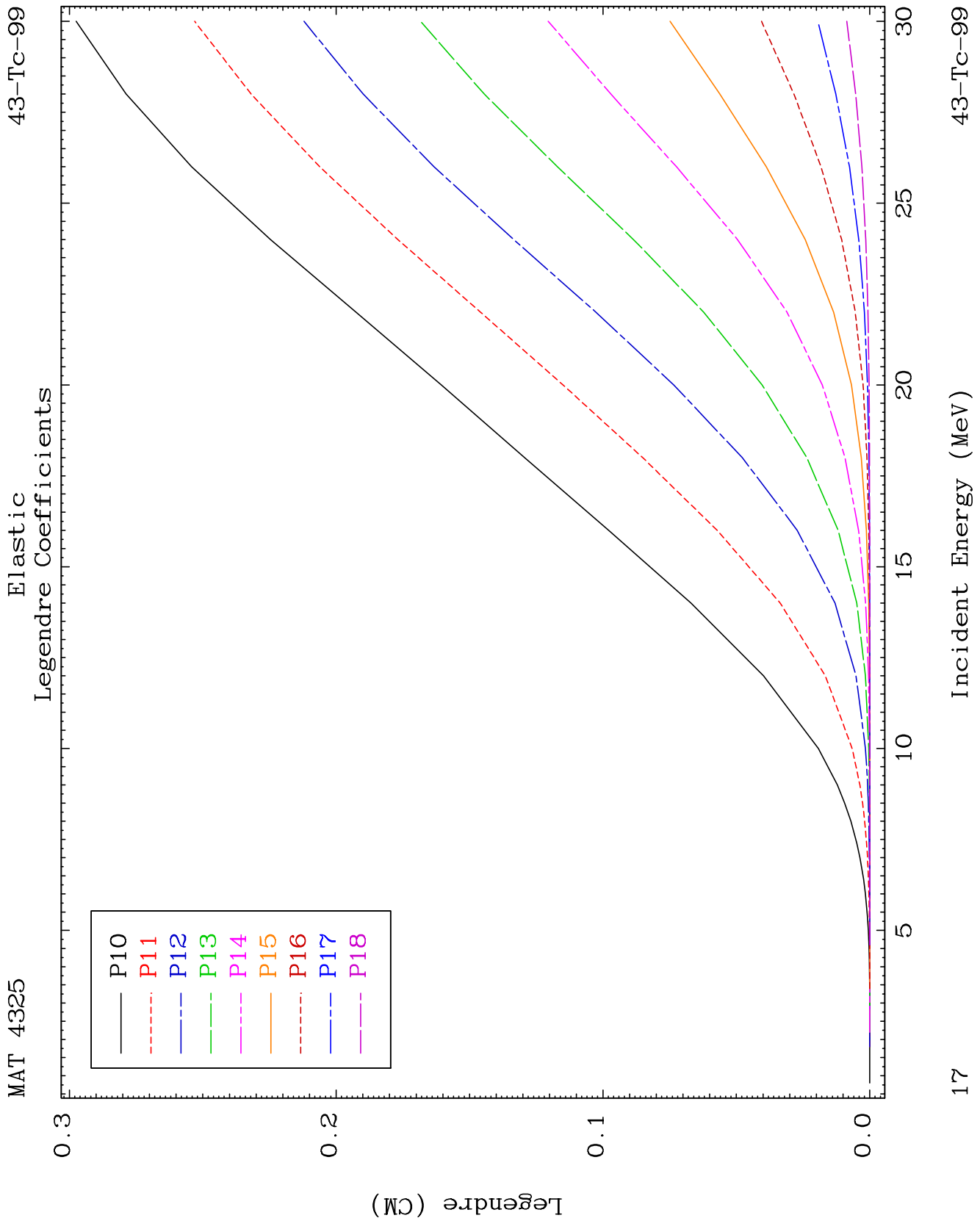
43-Tc-99



16

Incident Energy (MeV)

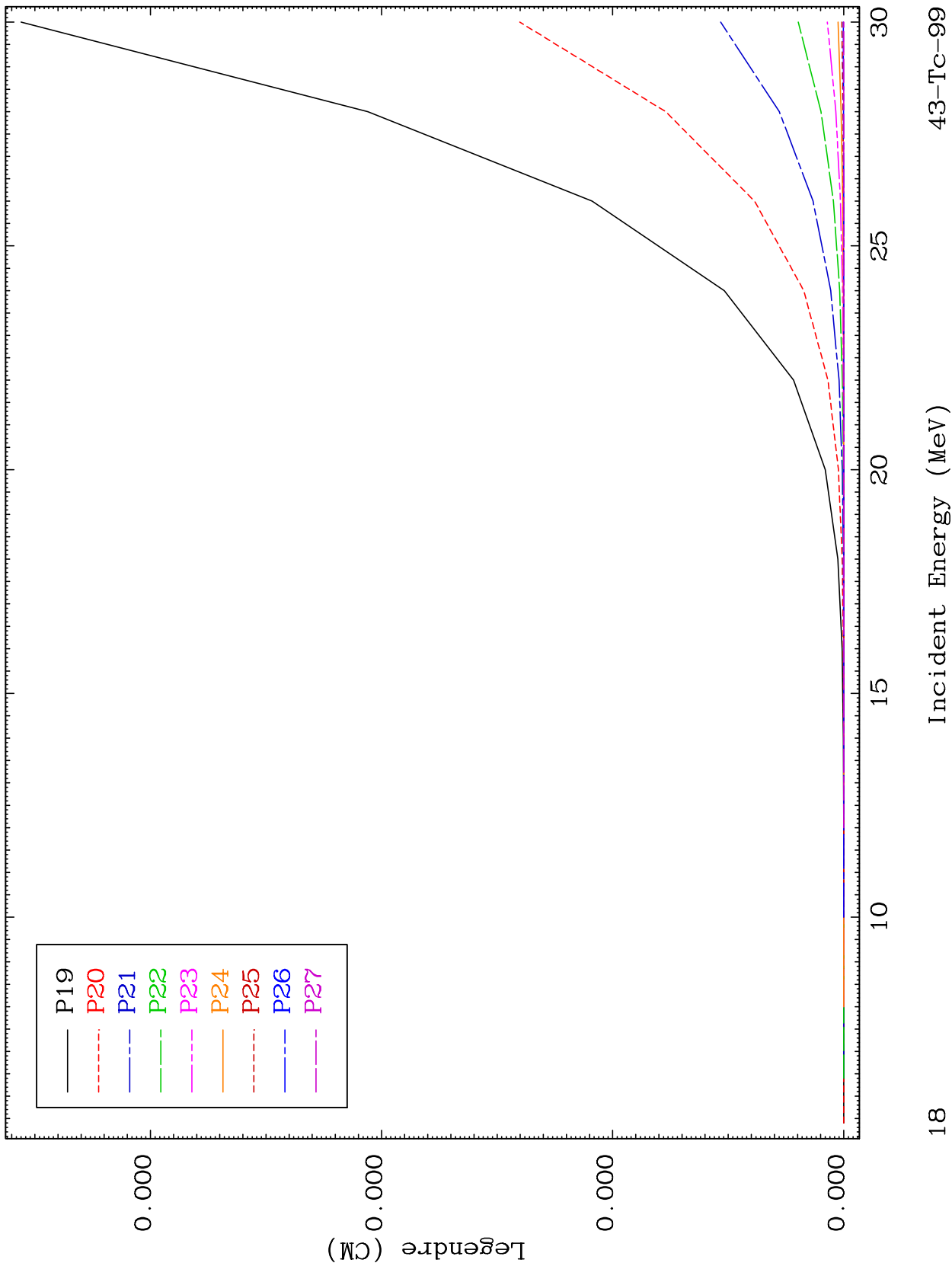
43-Tc-99



MAT 4325

Elastic Legendre Coefficients

43-Tc-99



18

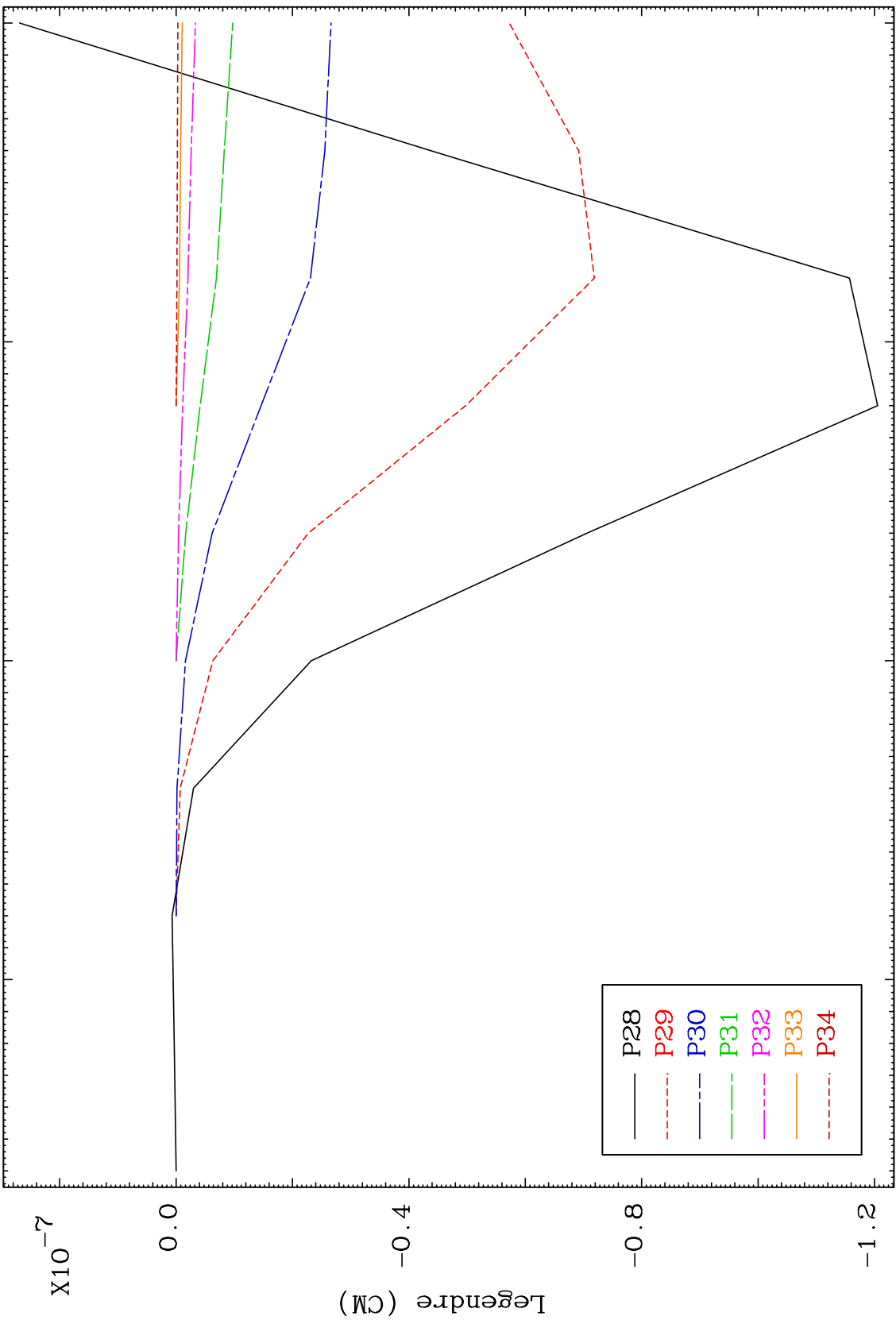
Incident Energy (MeV)

43-Tc-99

MAT 4325

Elastic Legendre Coefficients

43-Tc-99



15

20

25

30

19

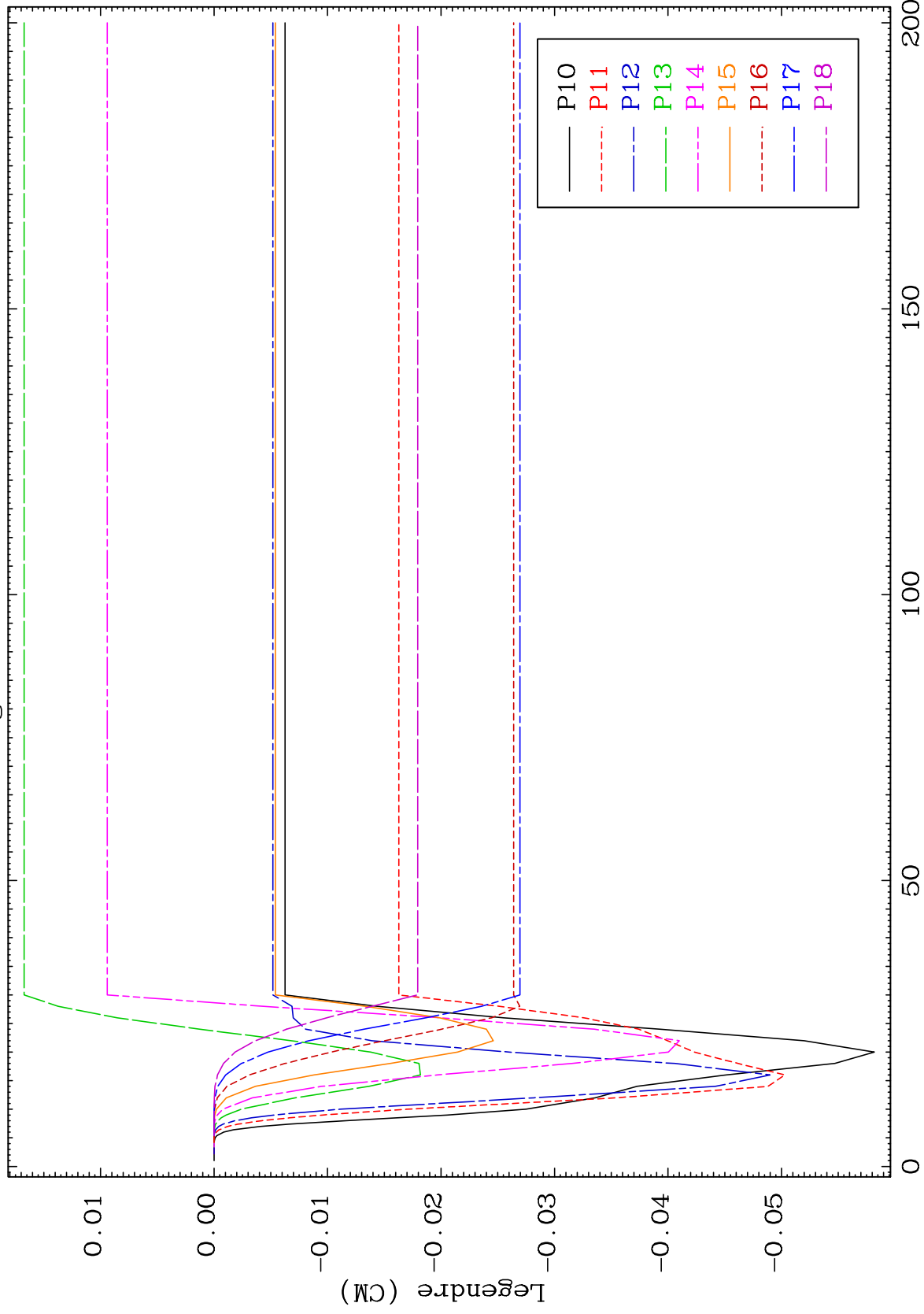
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99

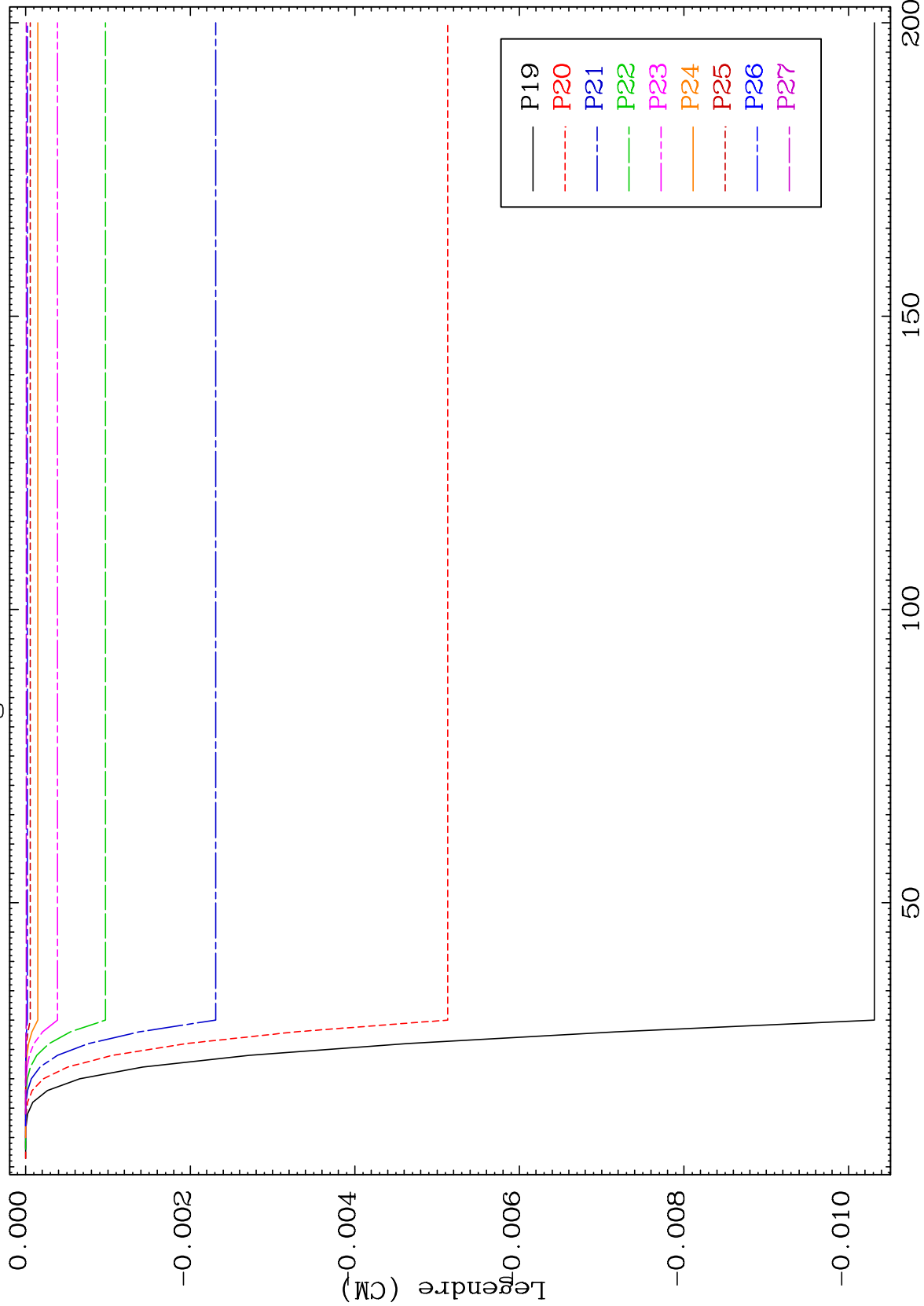


21

Incident Energy (MeV)

43-Tc-99

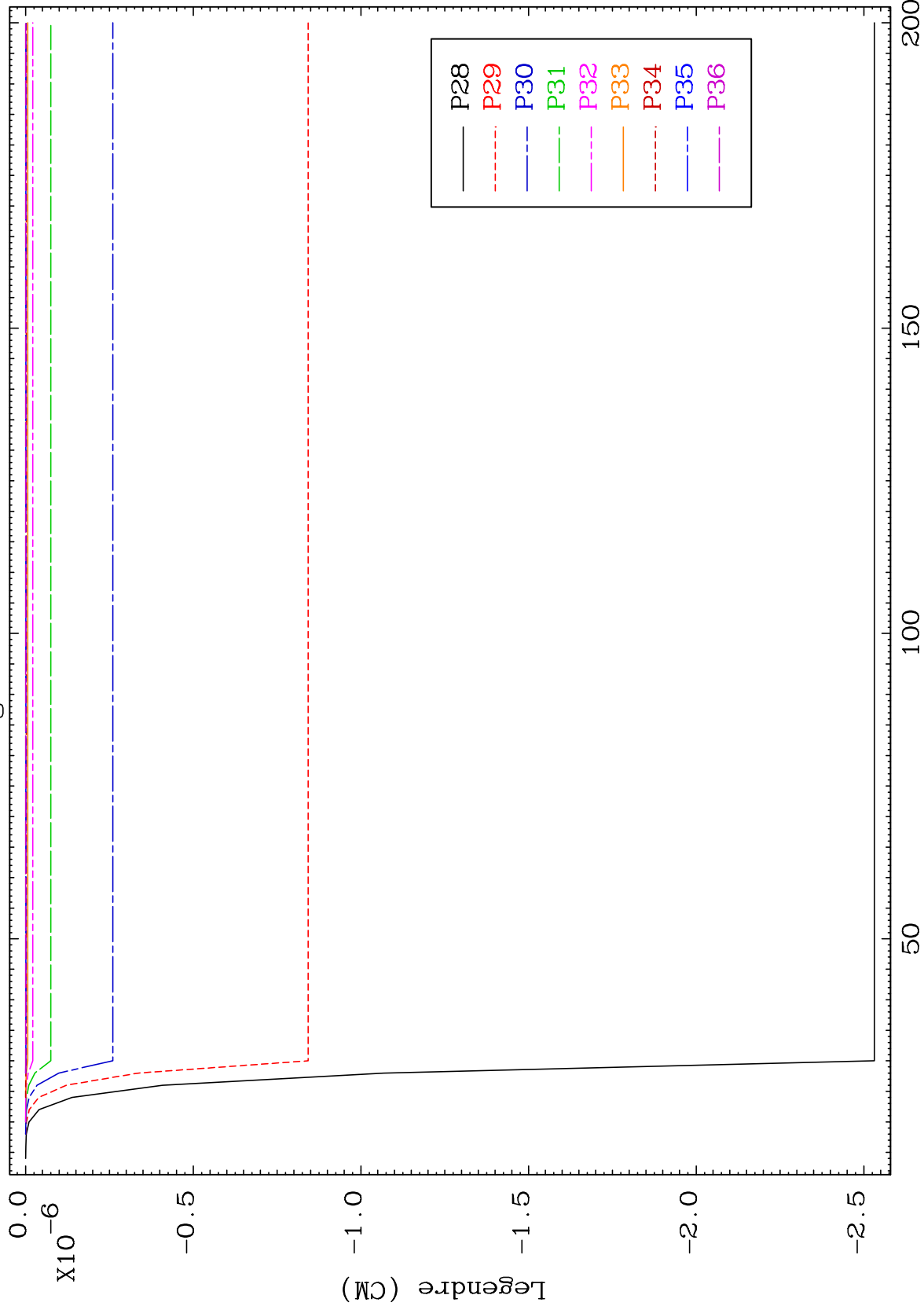
Legendre Coefficients



MAT 4325

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

43-Tc-99



23

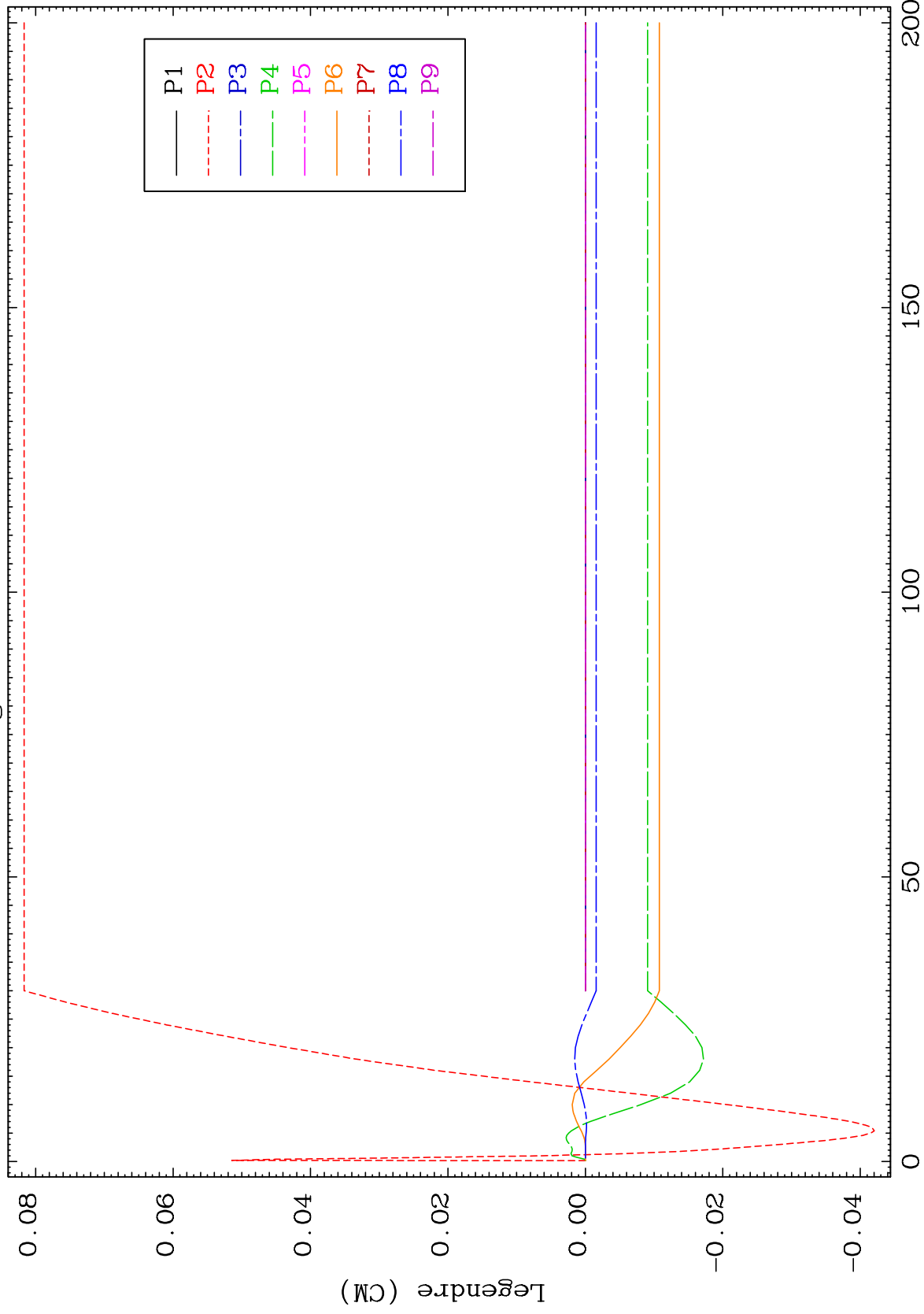
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



24

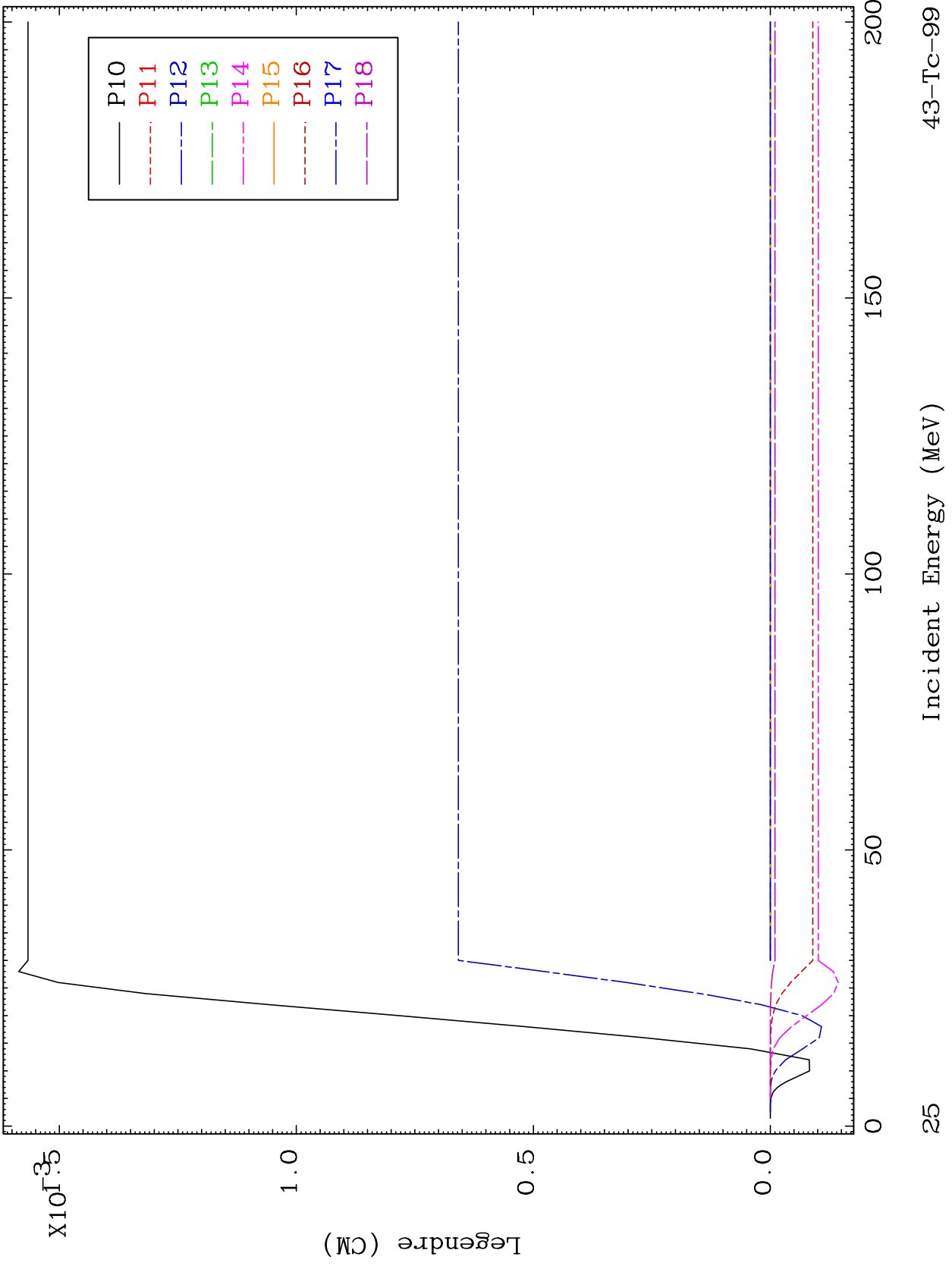
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



43-Tc-99

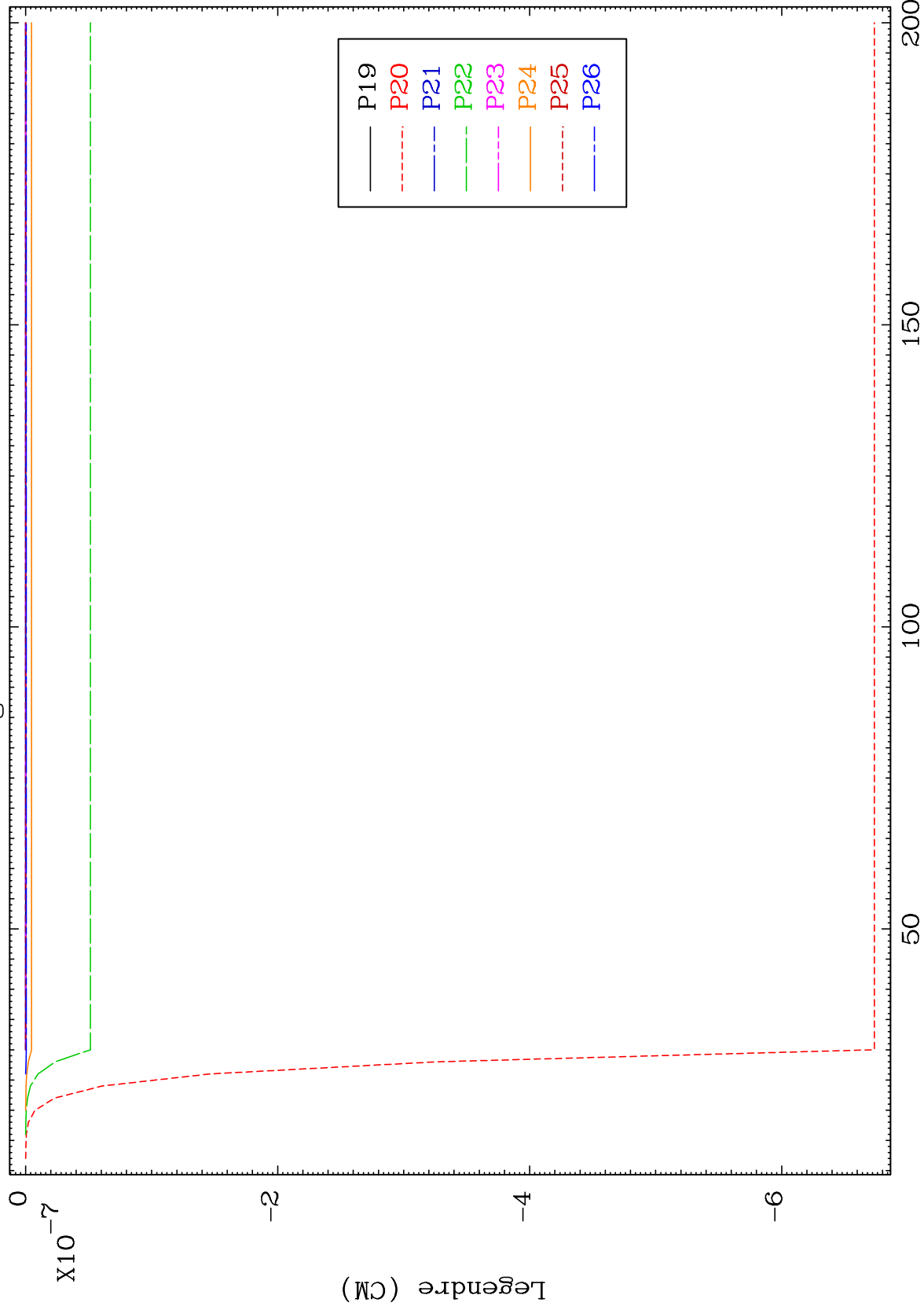
Incident Energy (MeV)

25

MAT 4325

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

43-Tc-99



43-Tc-99

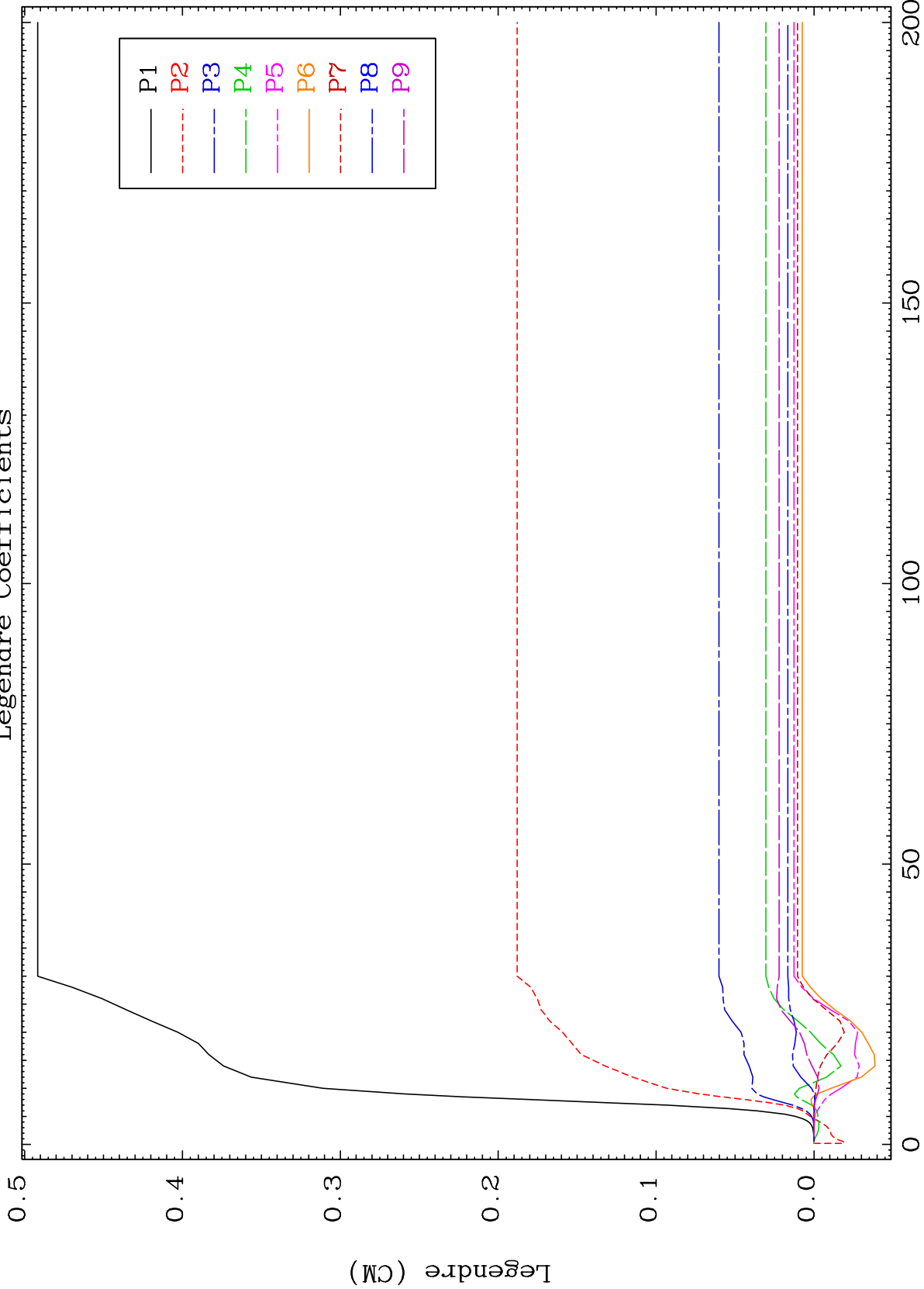
Incident Energy (MeV)

26

MAT 4325

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

43-Tc-99



27

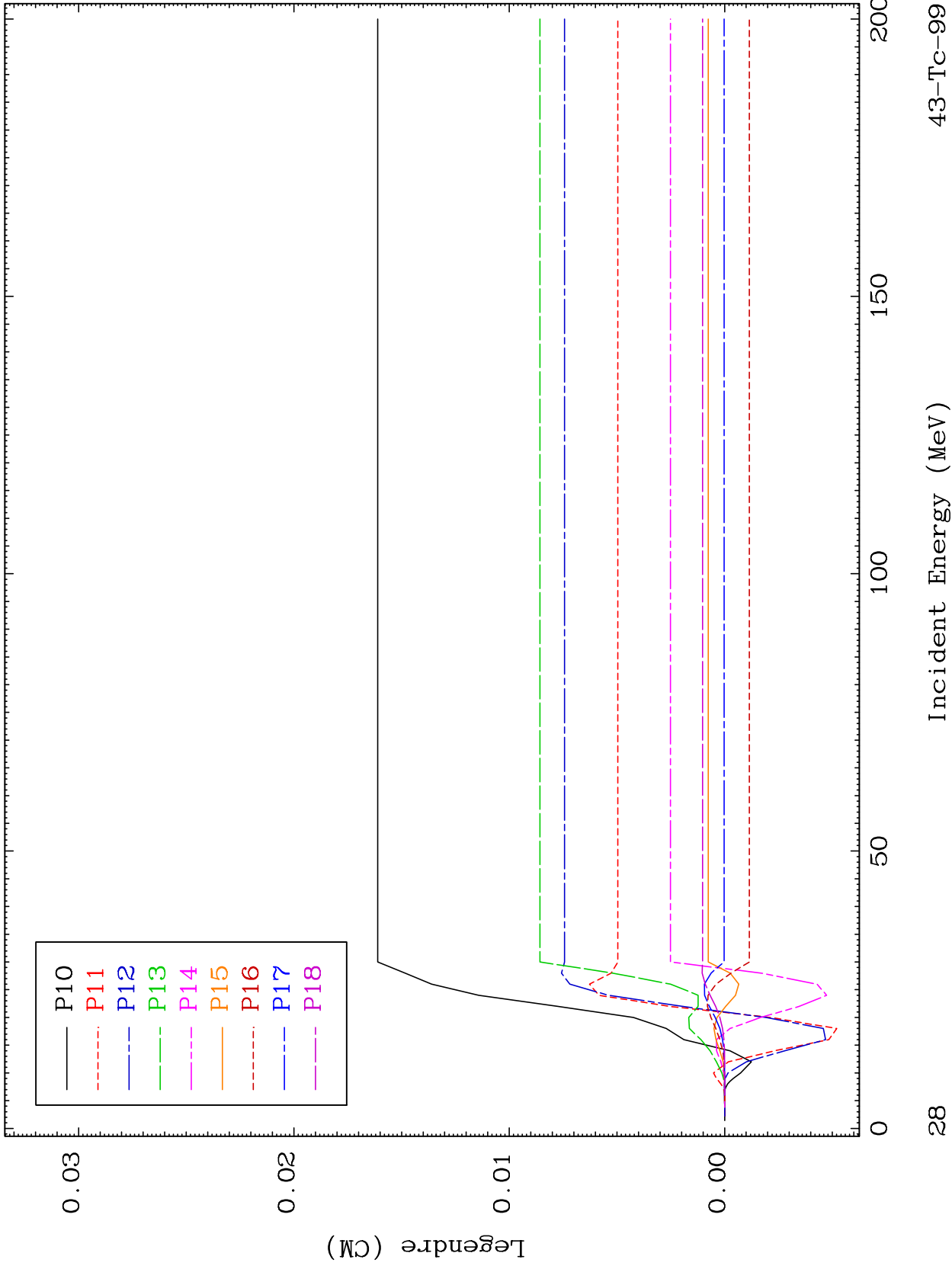
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

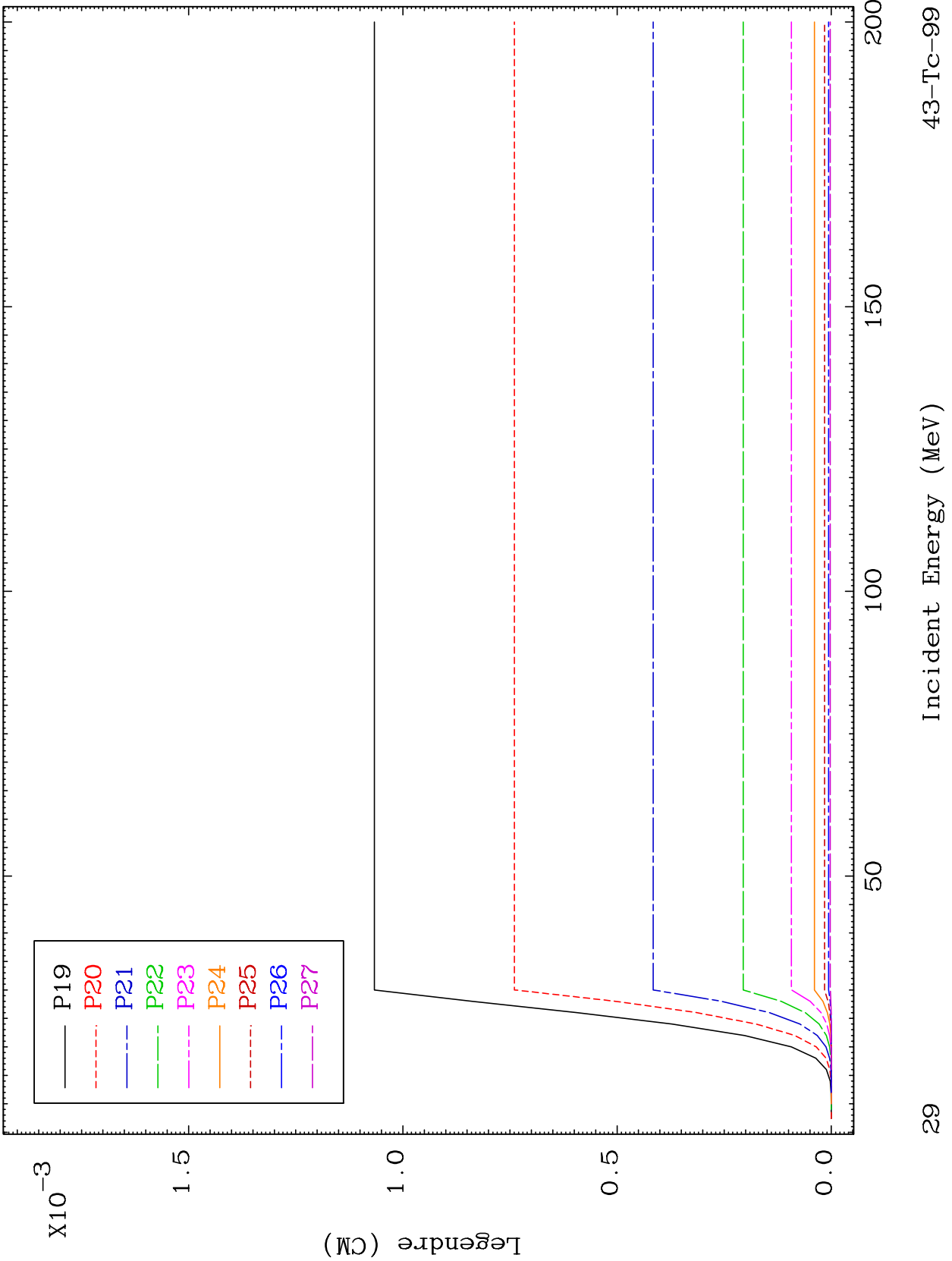
43-Tc-99



43-Tc-99

Incident Energy (MeV)

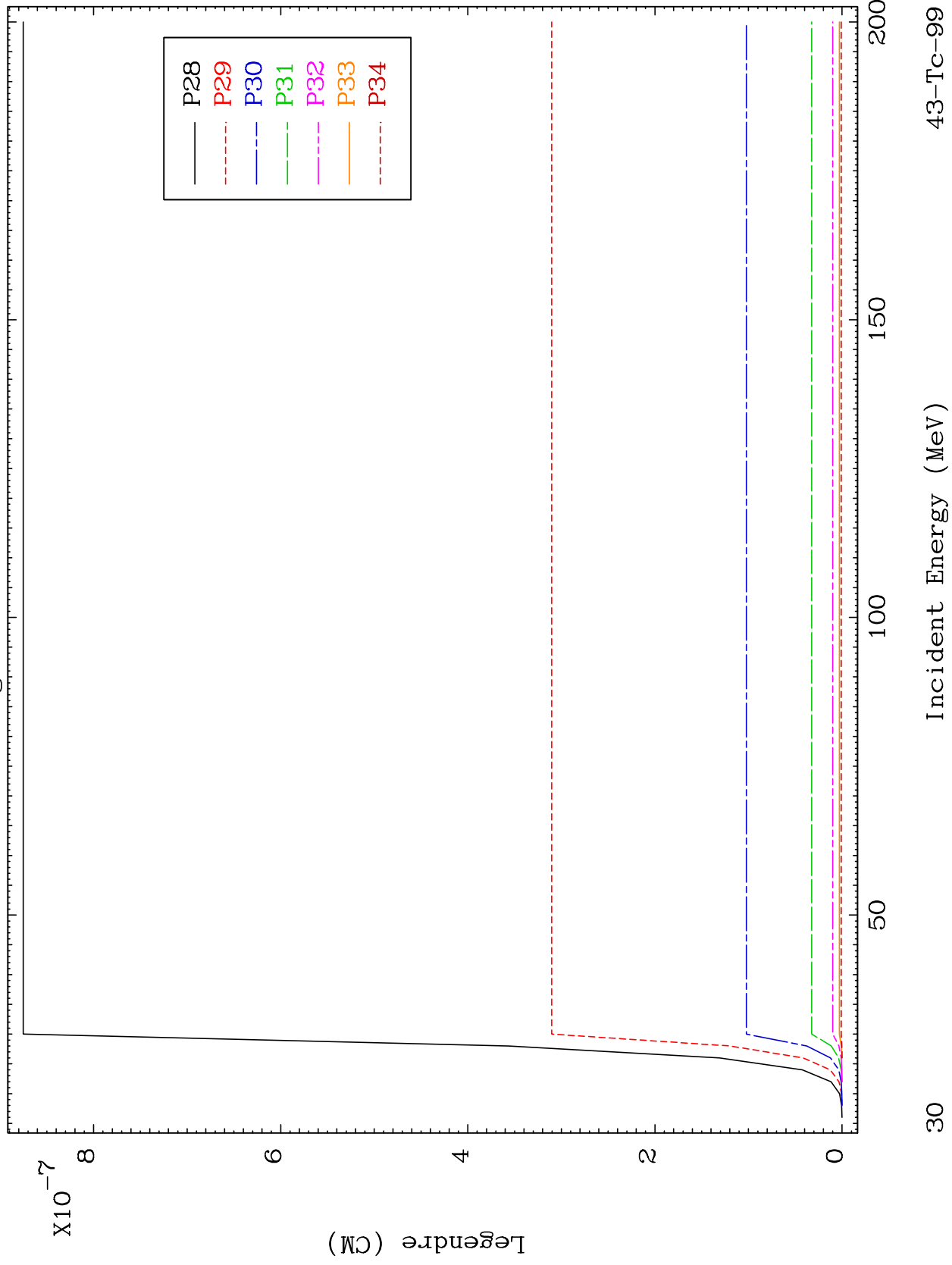
28

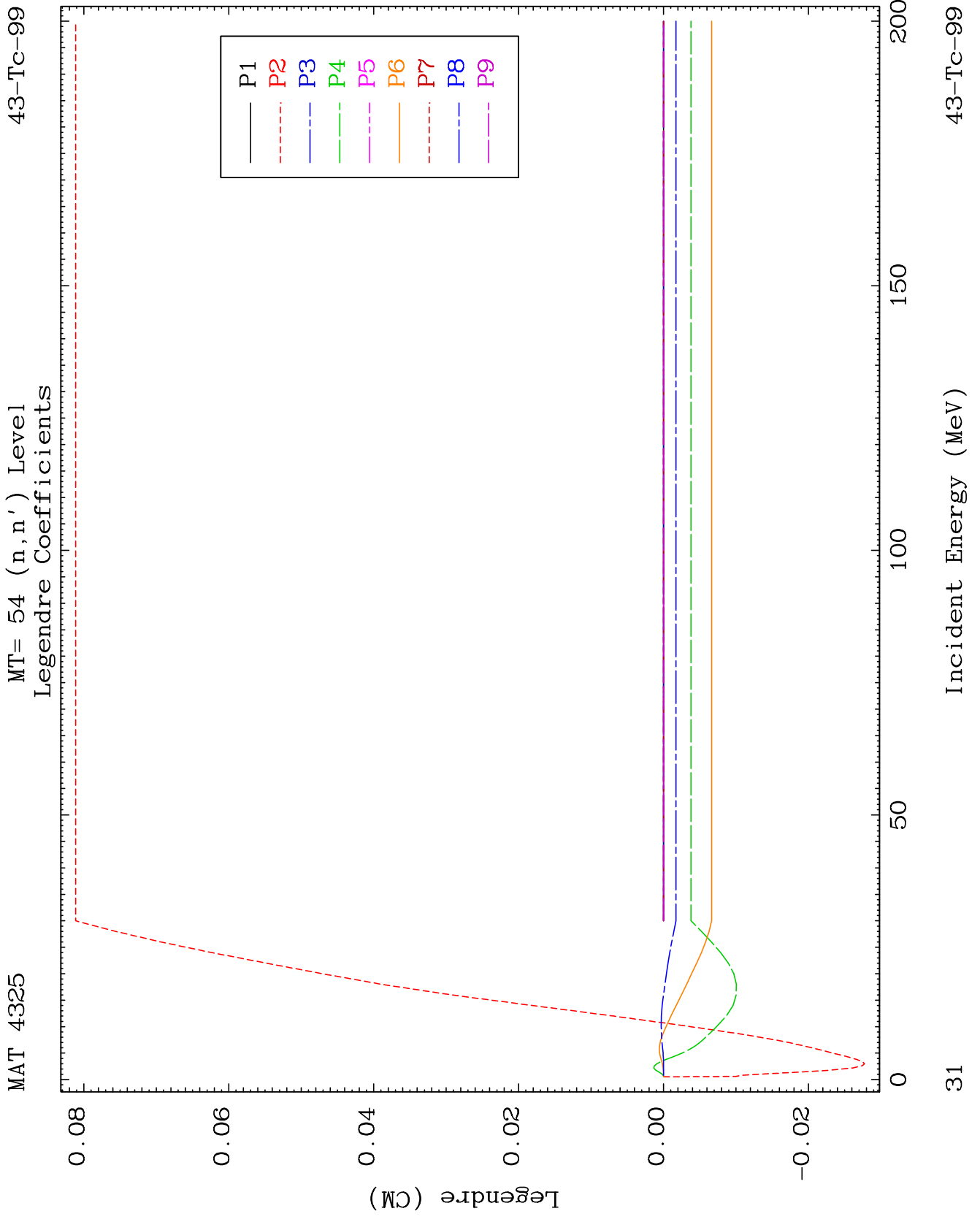


MAT 4325

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

43-Tc-99



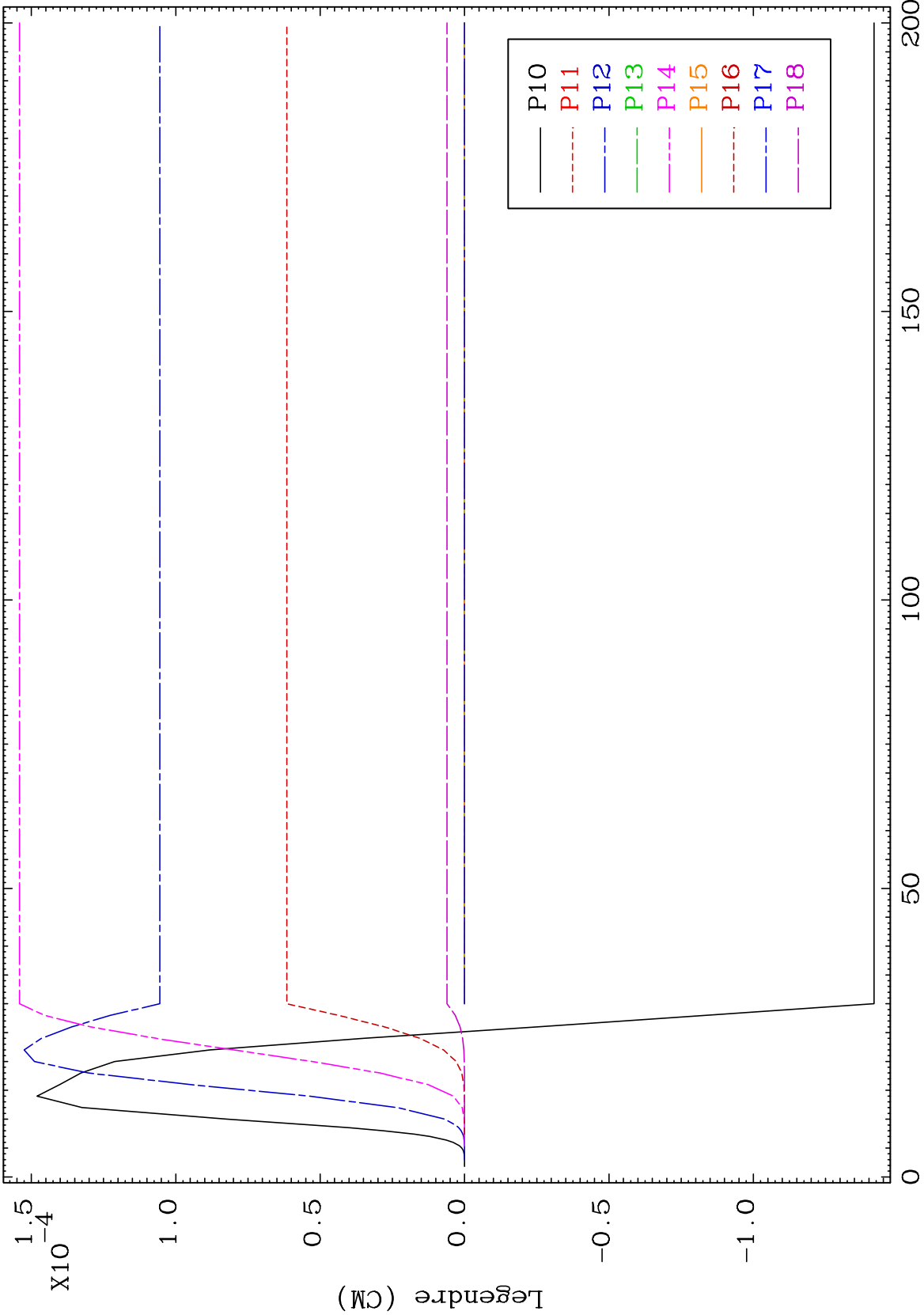


MAT 4325

MT= 54 (n,n') Level

43-Tc-99

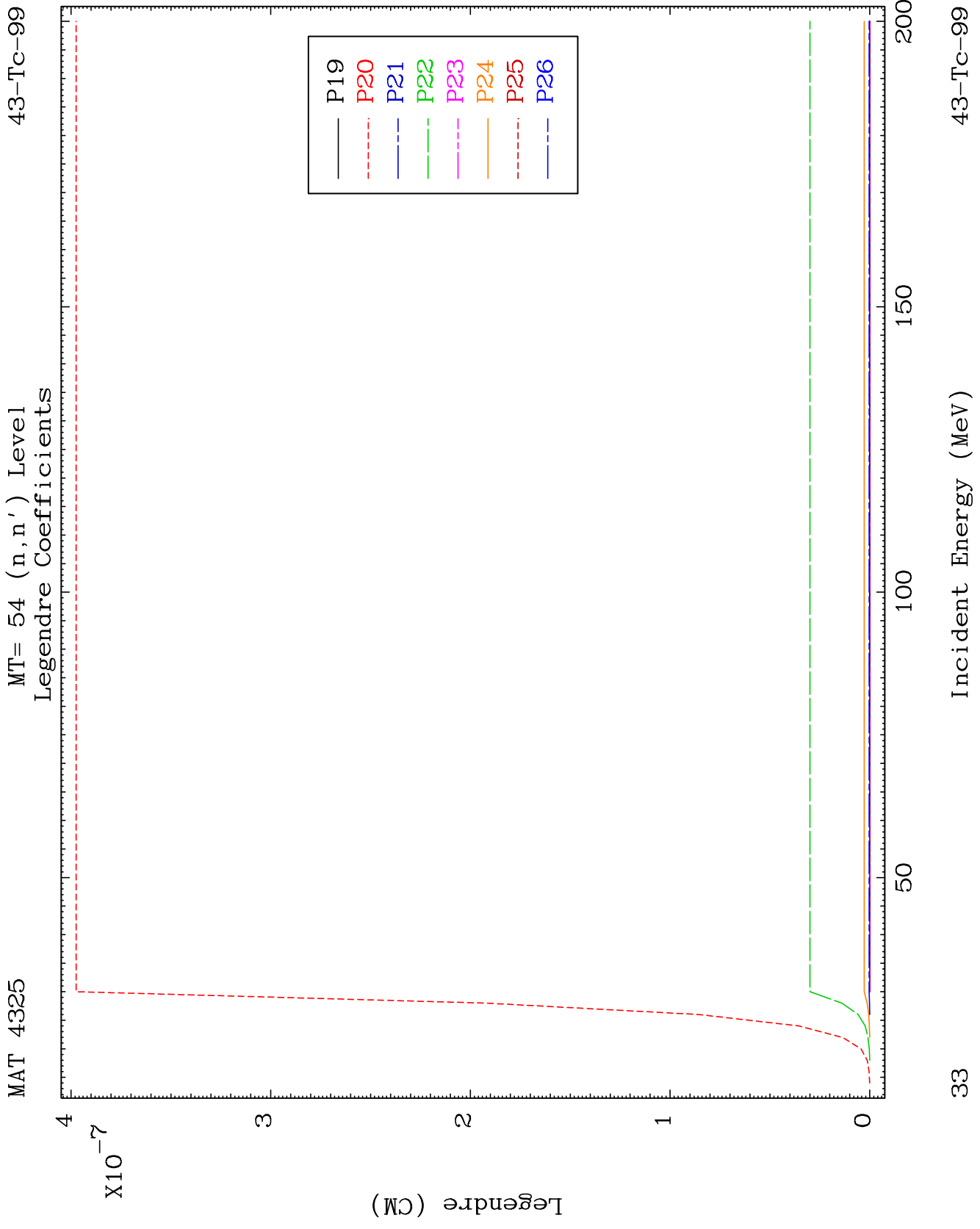
Legendre Coefficients



32

Incident Energy (MeV)

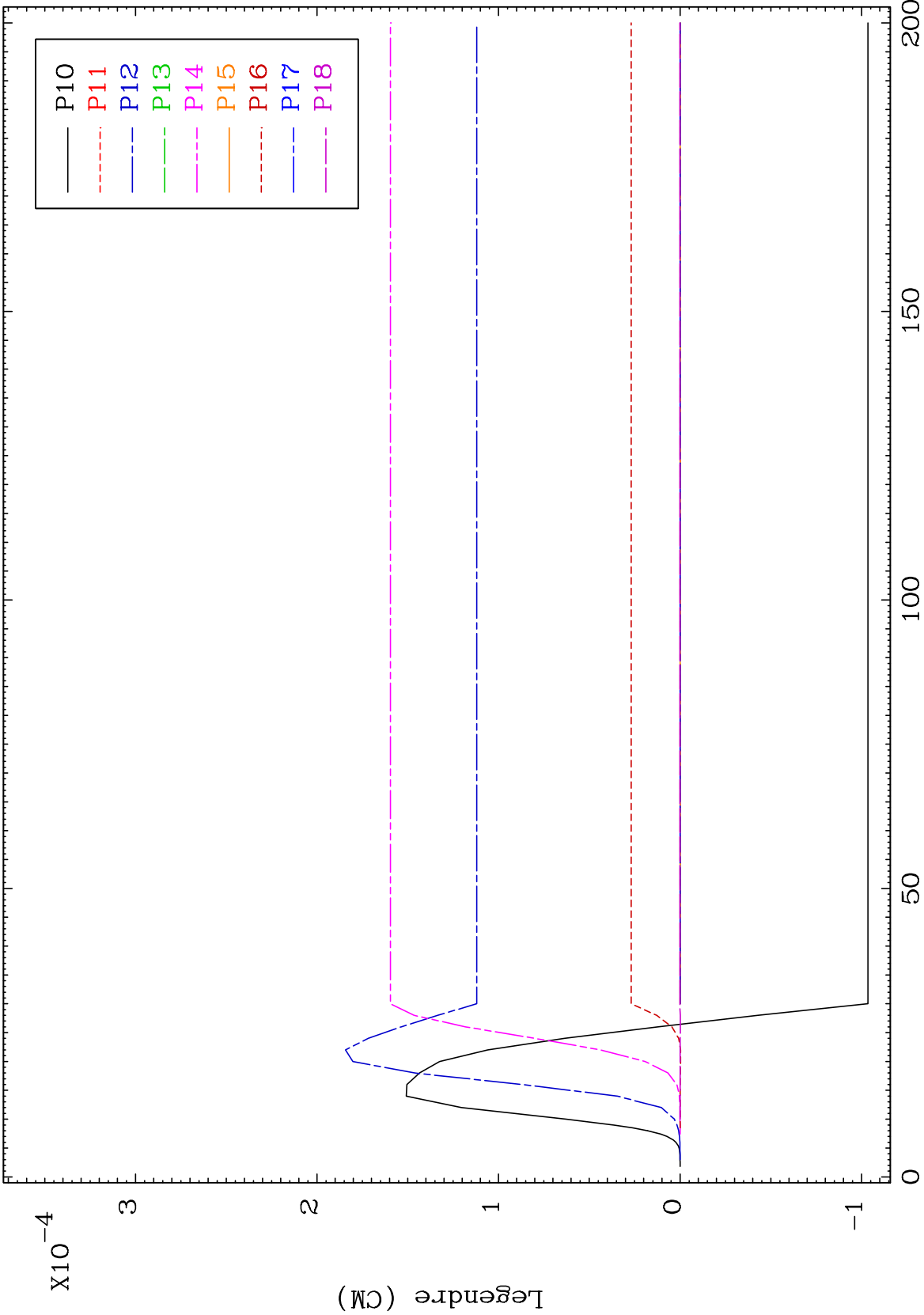
43-Tc-99



MAT 4325

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

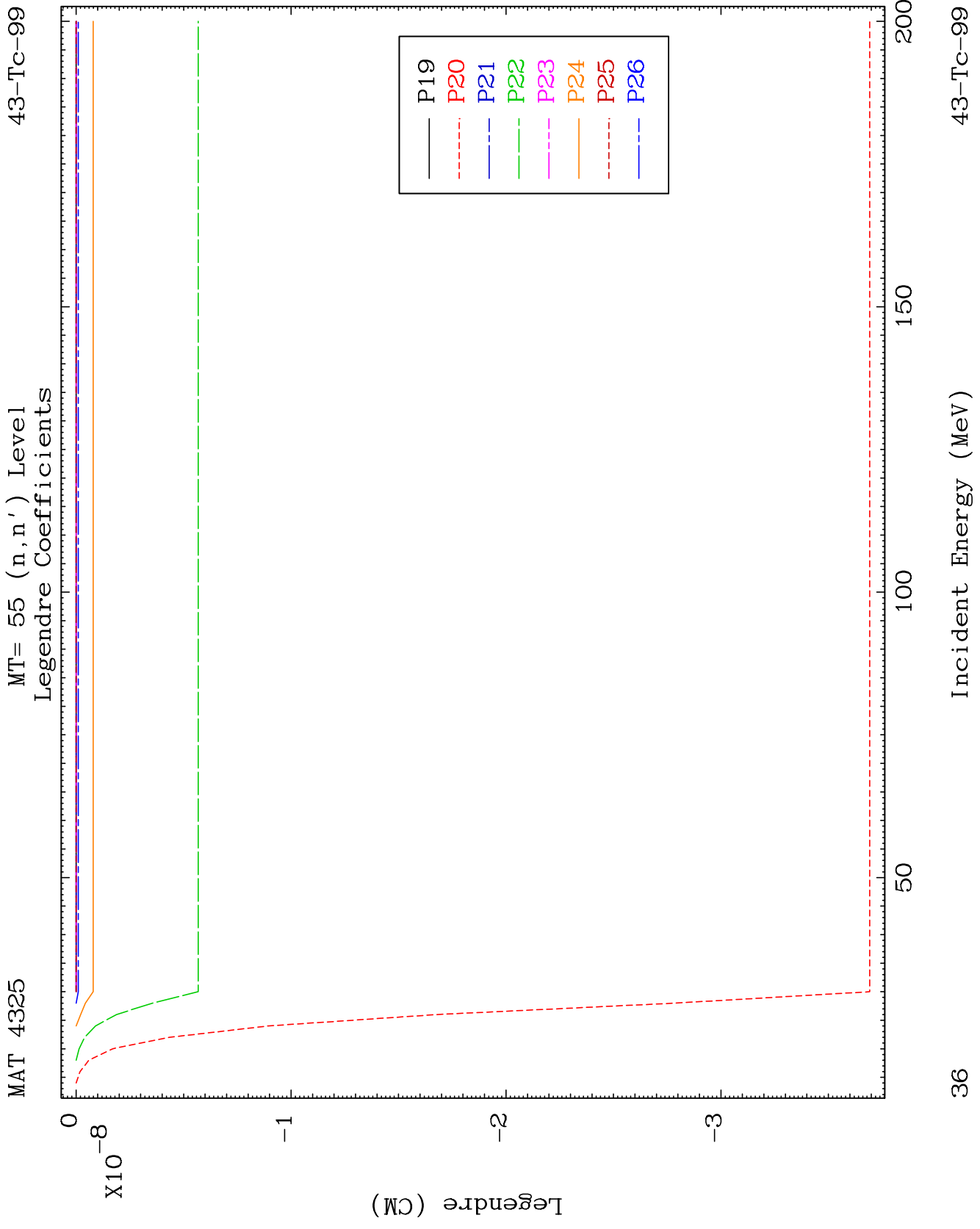
43-Tc-99



35

Incident Energy (MeV)

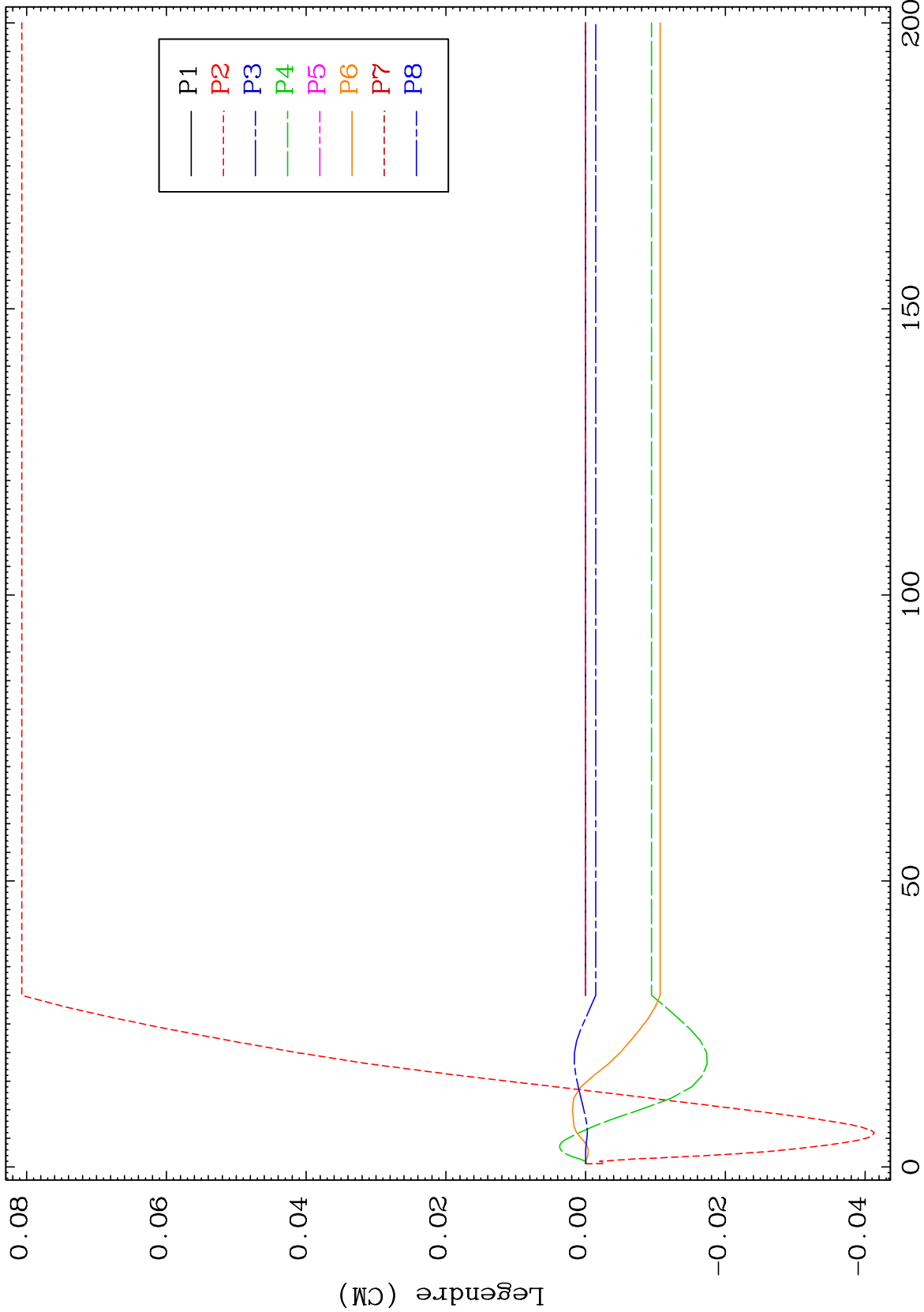
43-Tc-99



MAT 4325

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

43-Tc-99



43-Tc-99

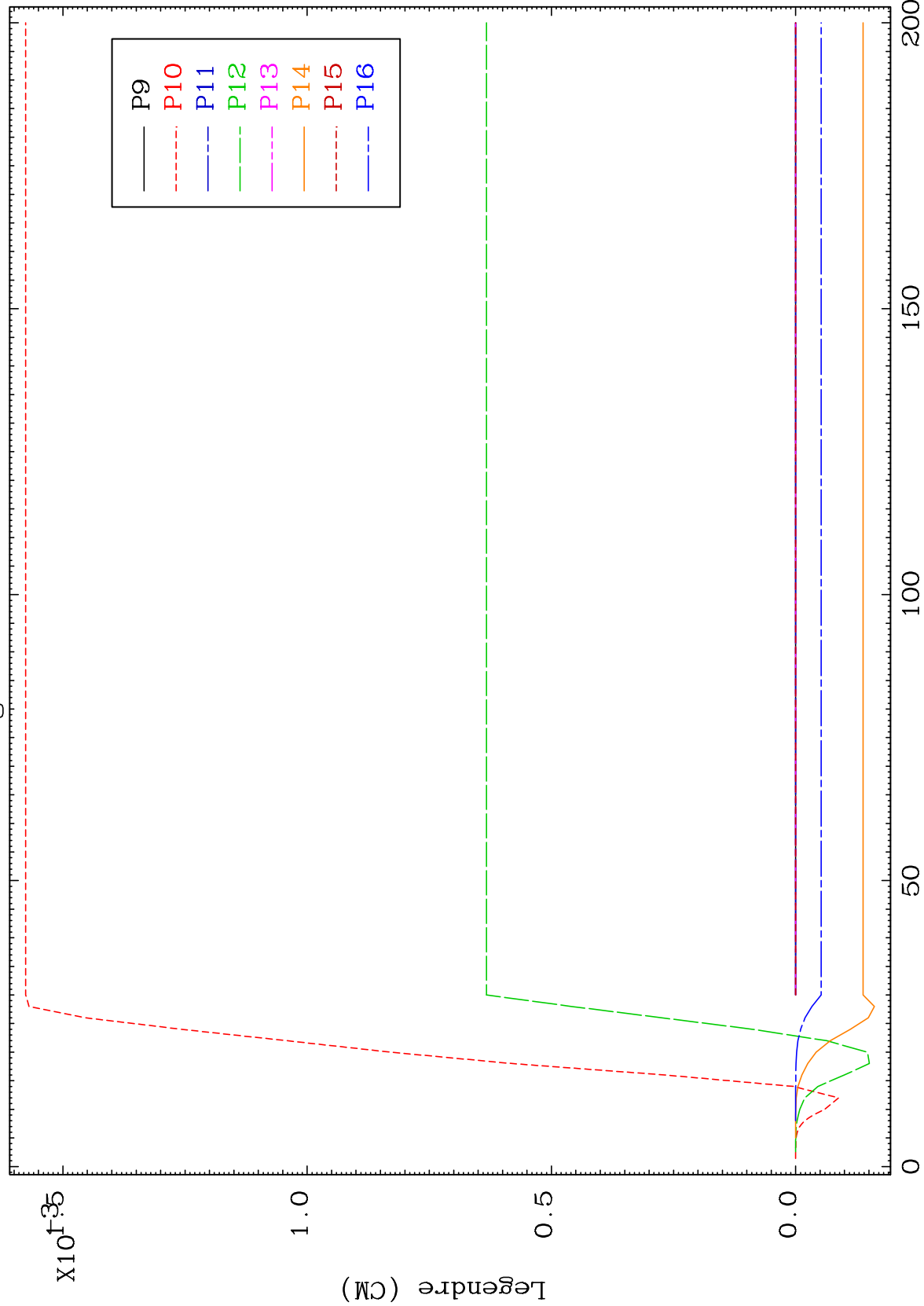
Incident Energy (MeV)

37

MAT 4325

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

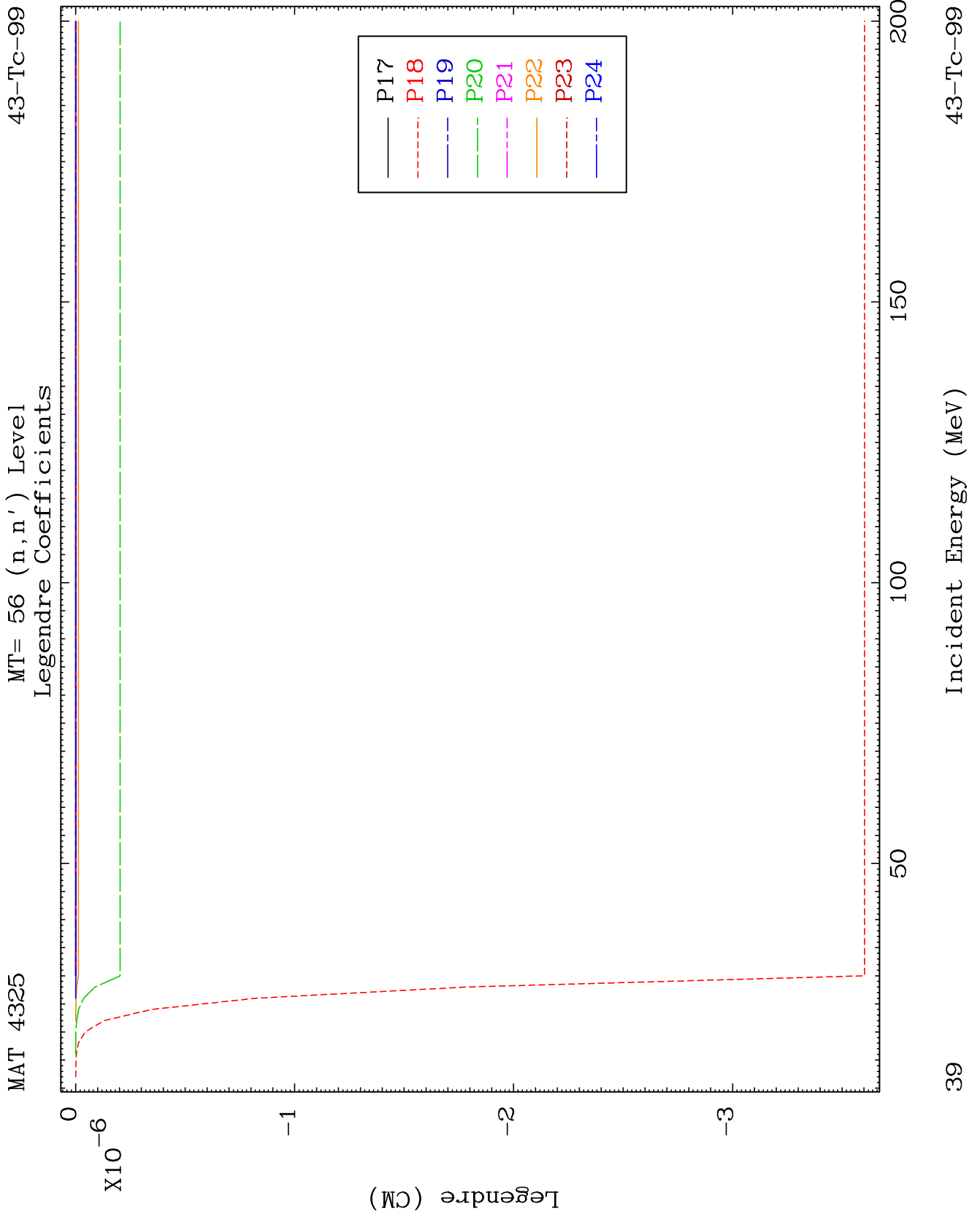
43-Tc-99



38

Incident Energy (MeV)

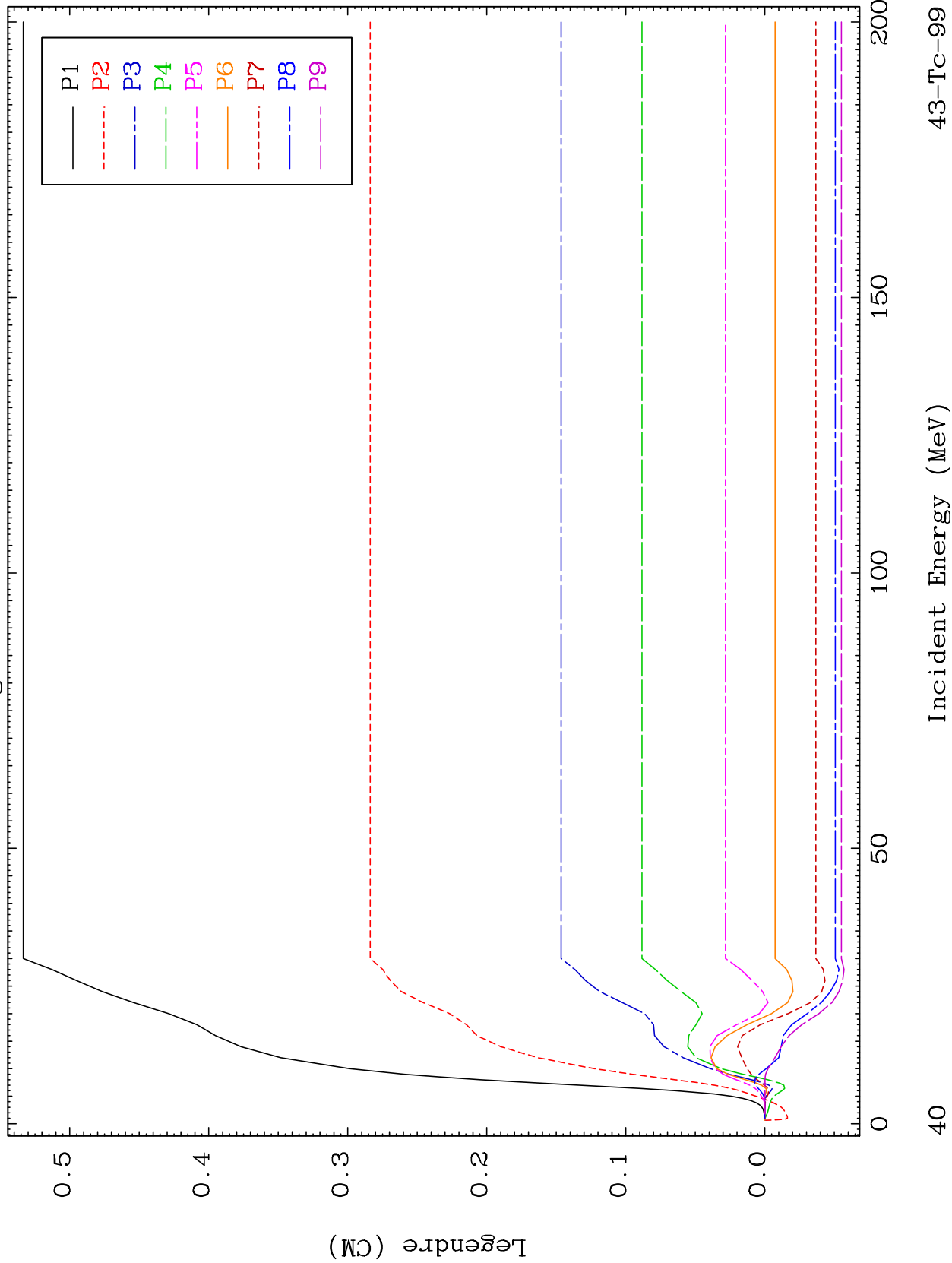
43-Tc-99



MAT 4325

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

43-Tc-99

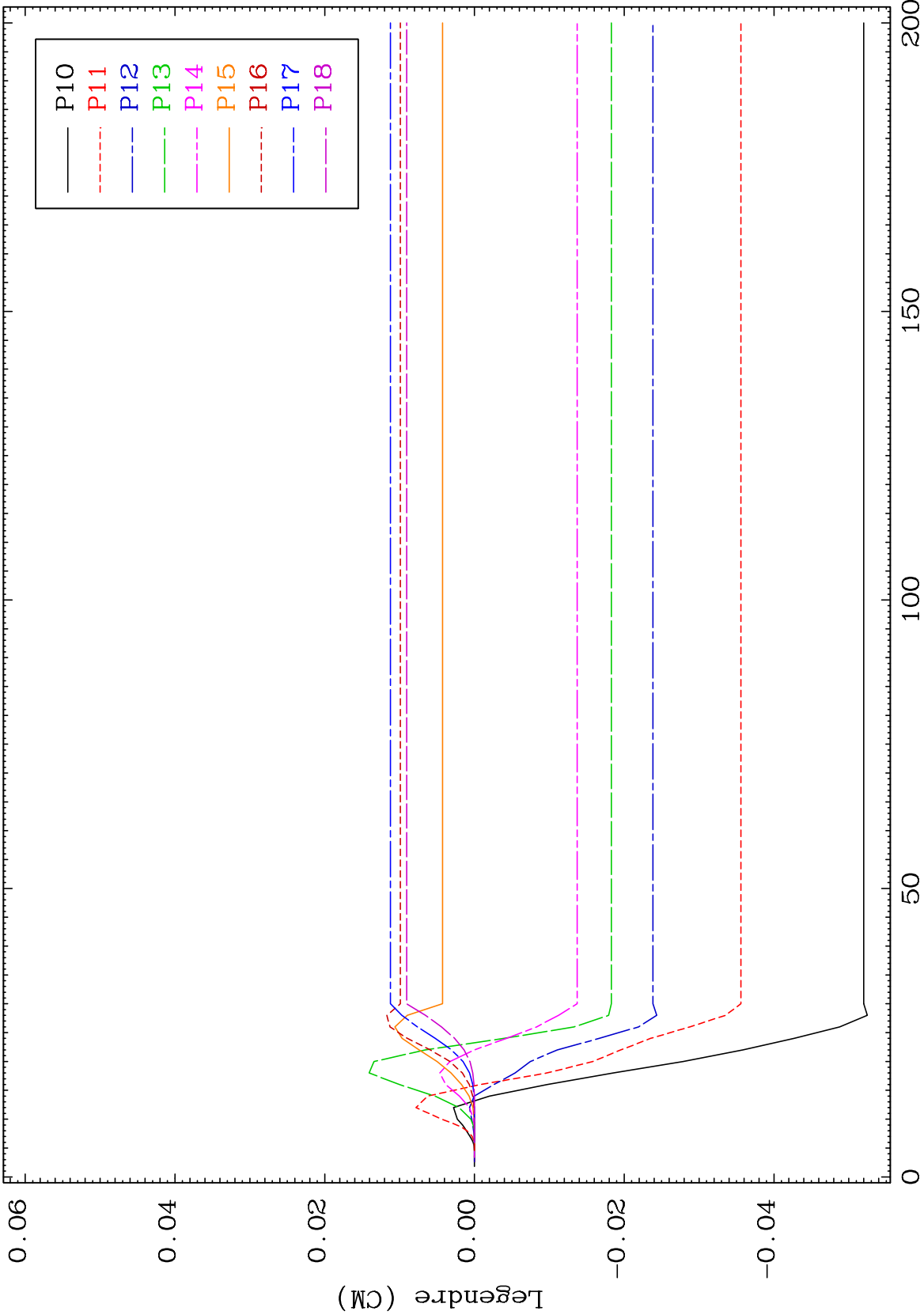


43-Tc-99

MAT 4325

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

43-Tc-99



41

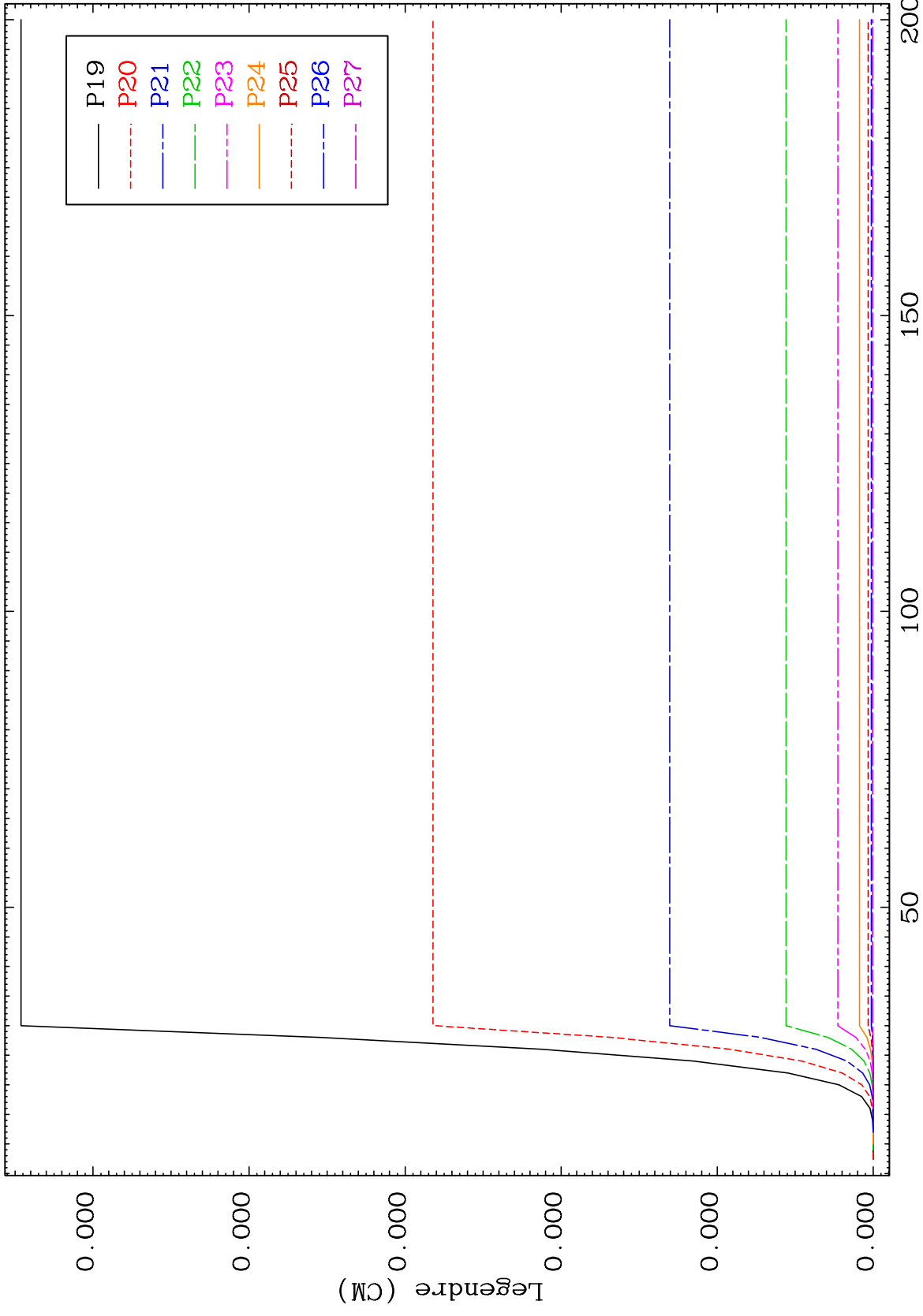
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



42

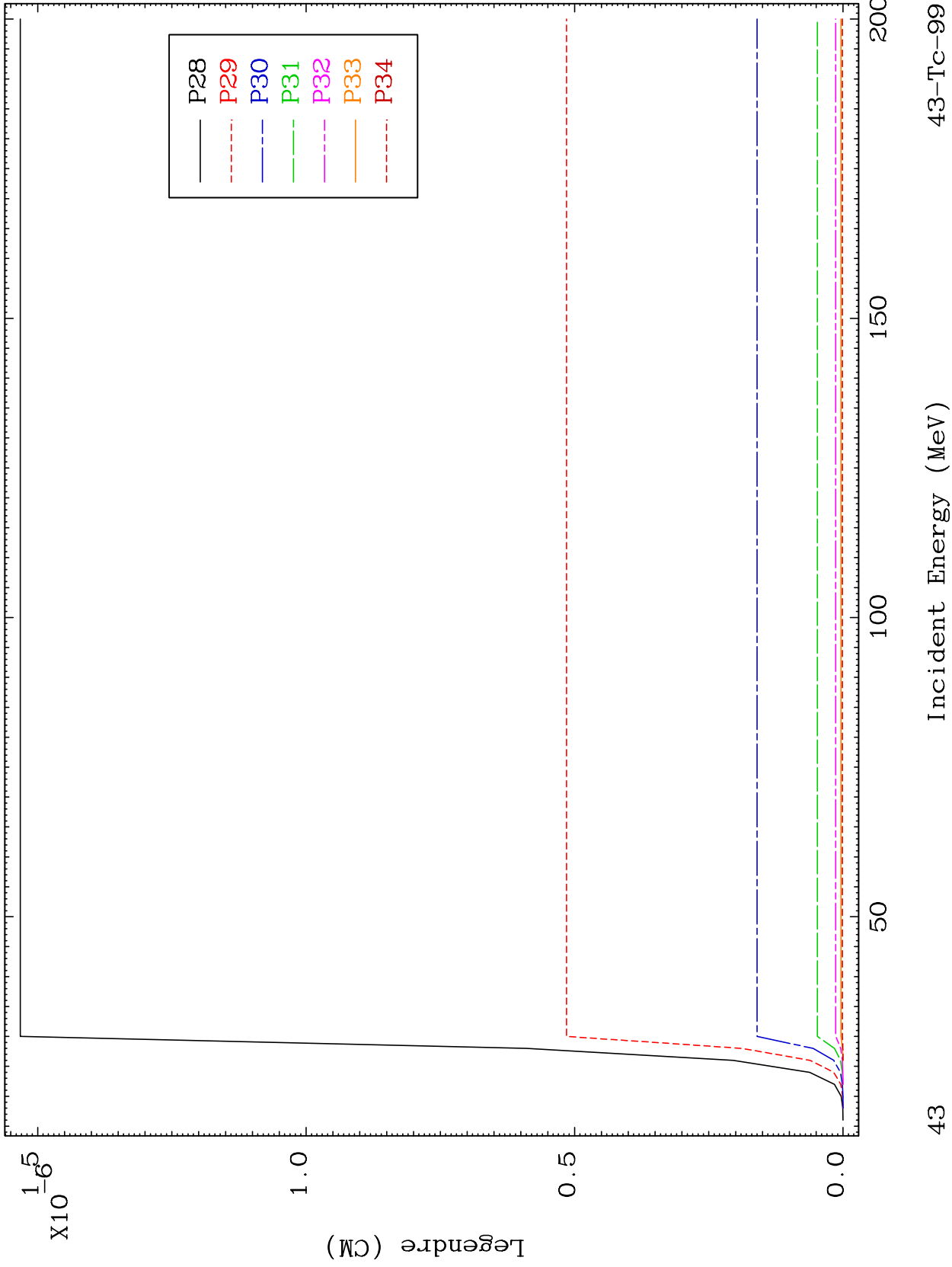
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

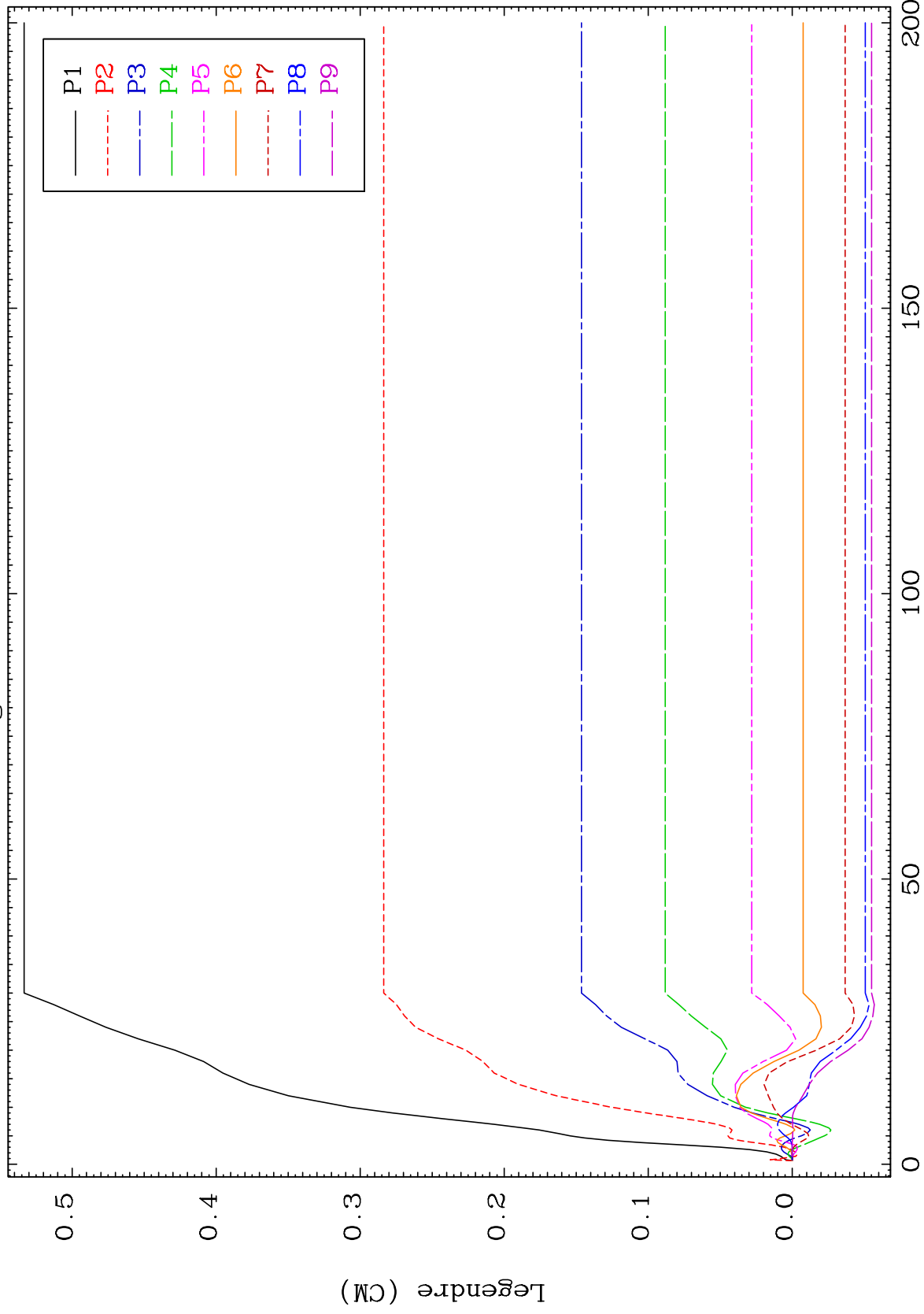
43-Tc-99



MAT 4325

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

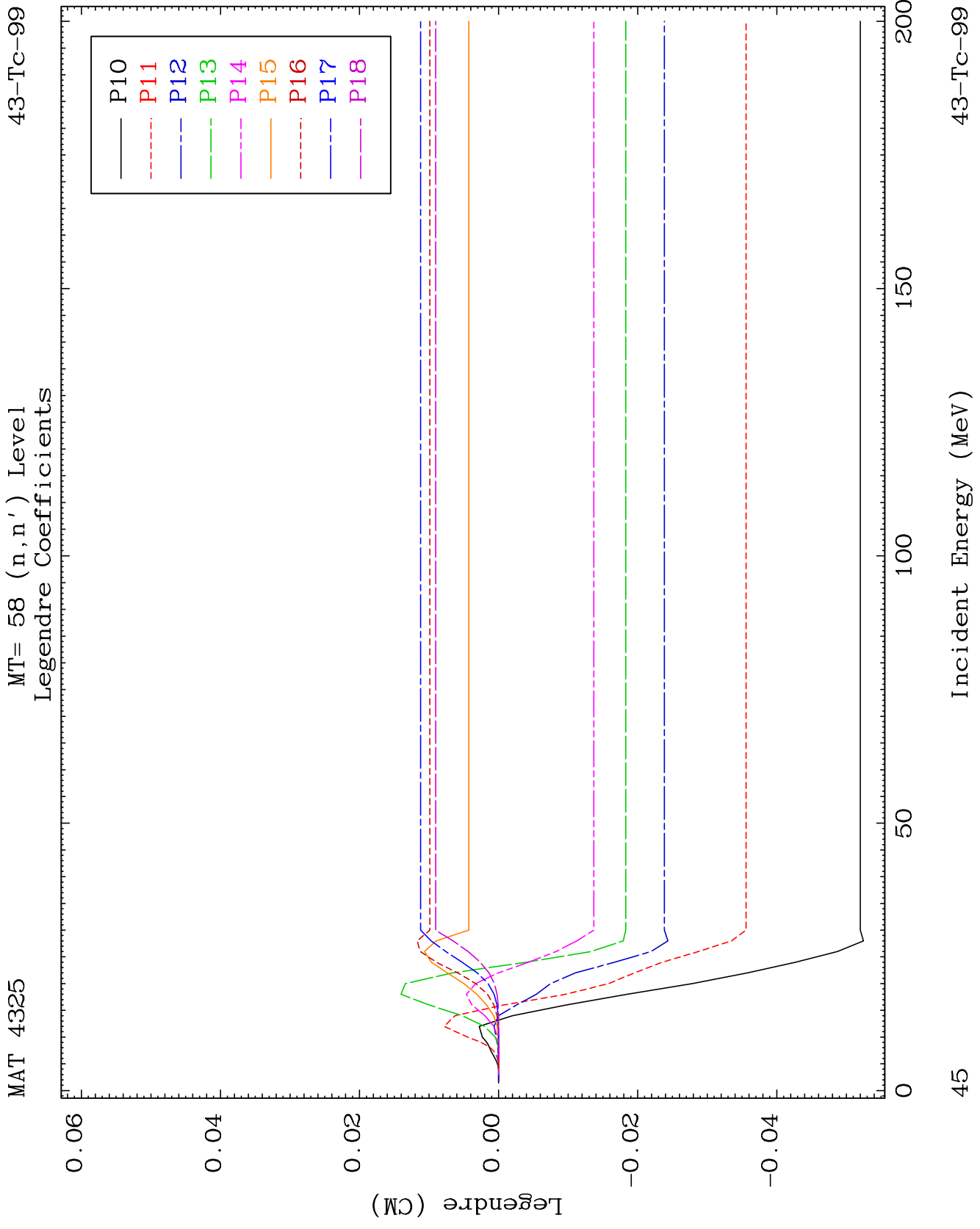
43-Tc-99



44

Incident Energy (MeV)

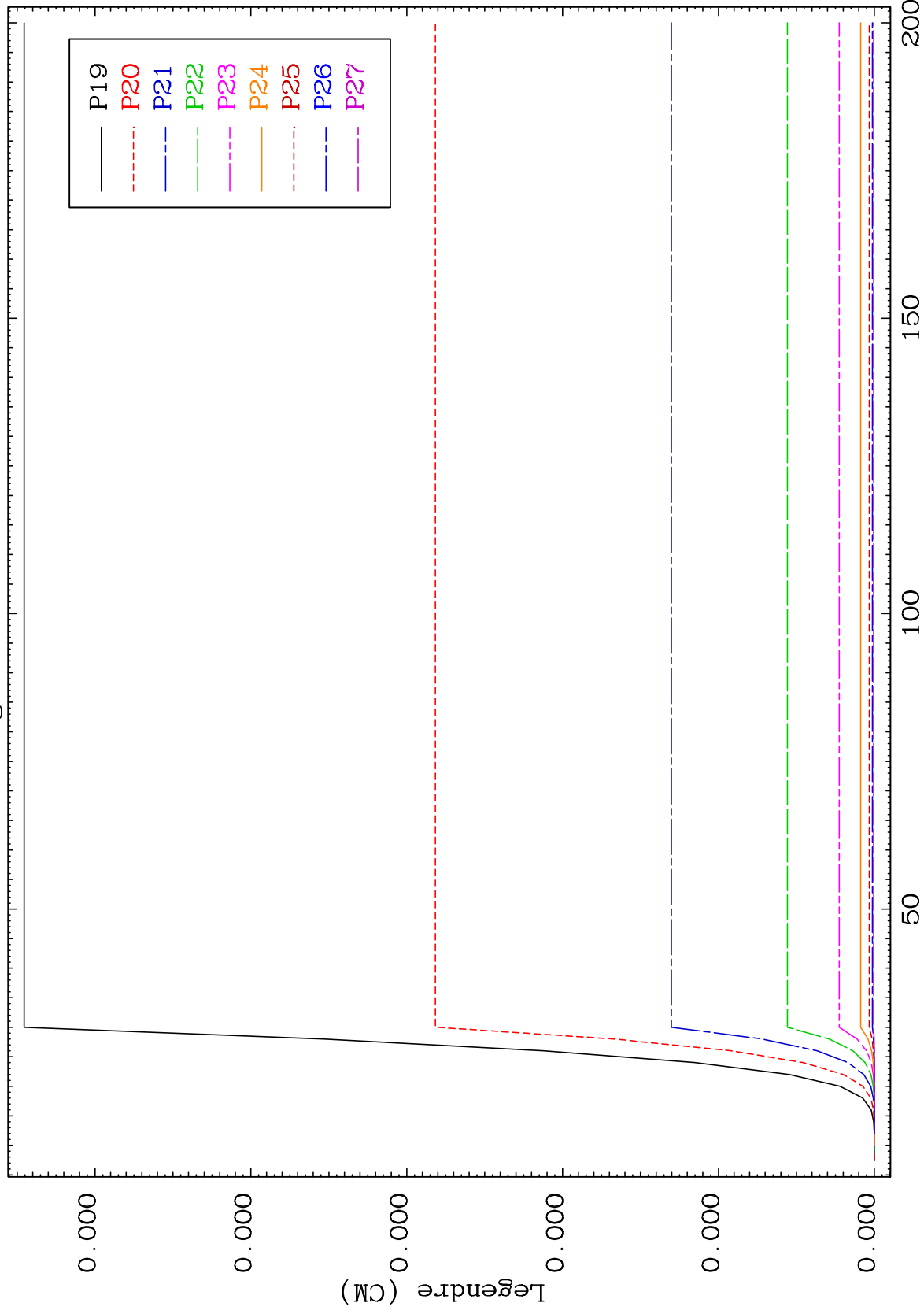
43-Tc-99



MAT 4325

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

43-Tc-99



46

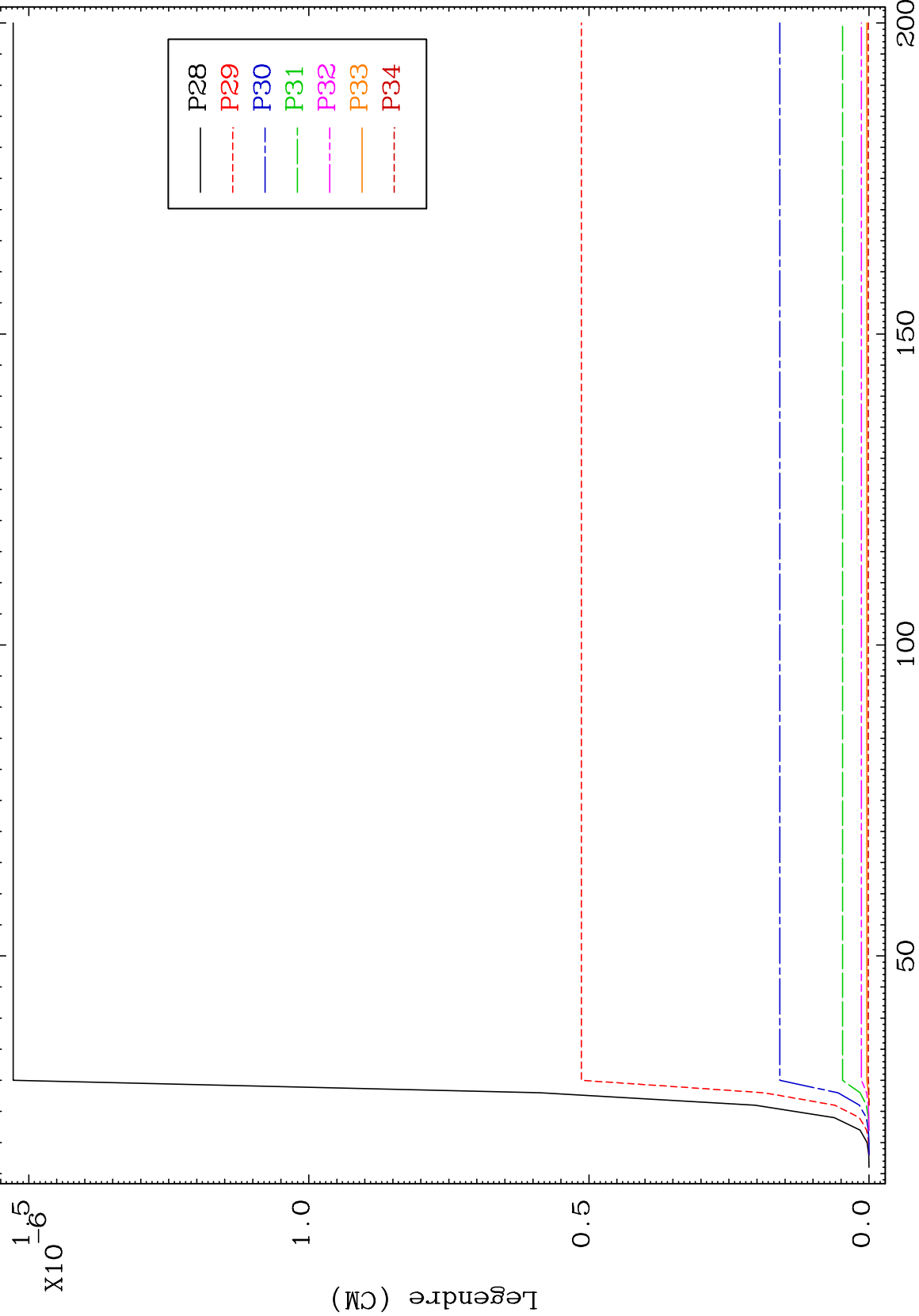
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



47

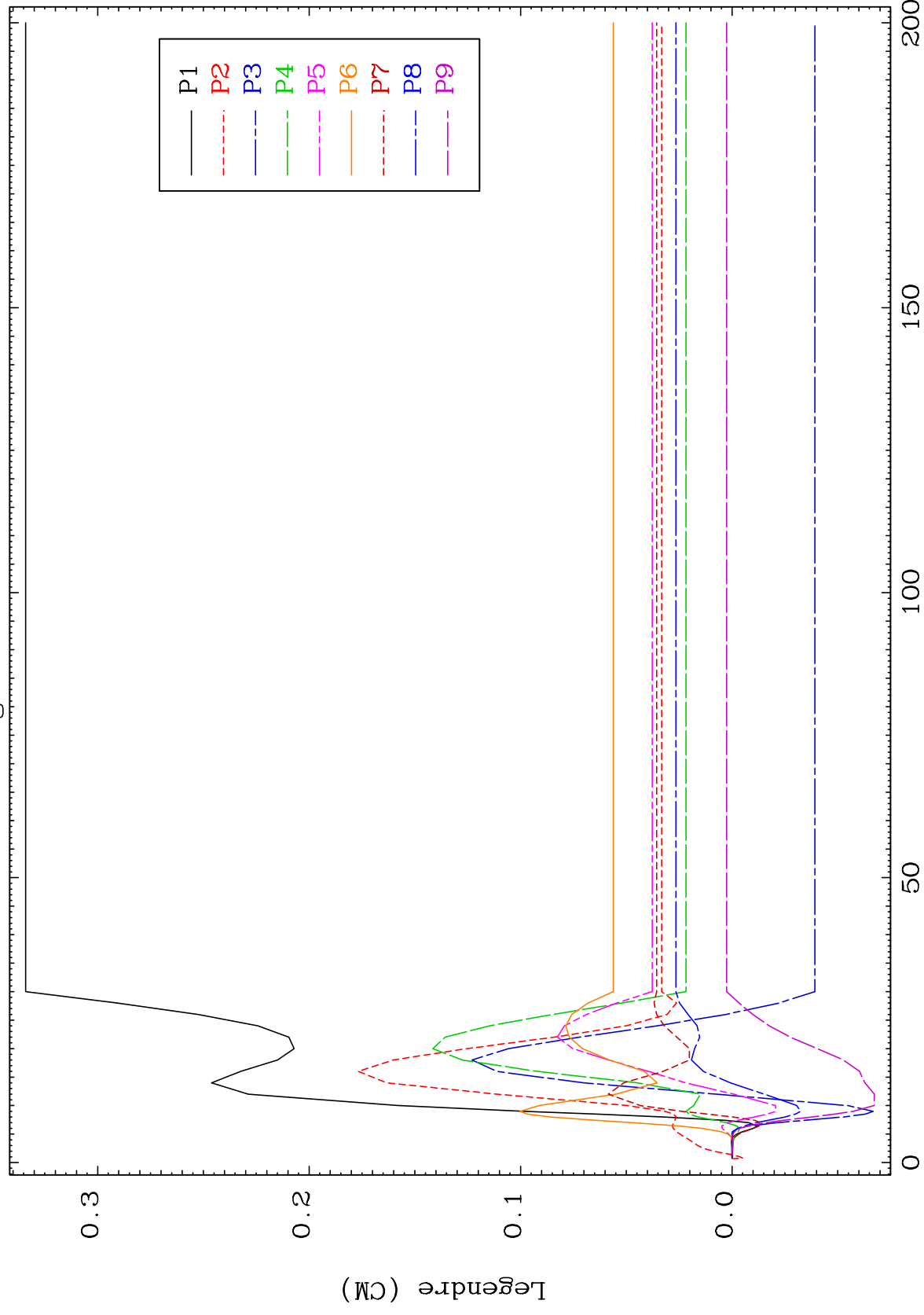
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



48

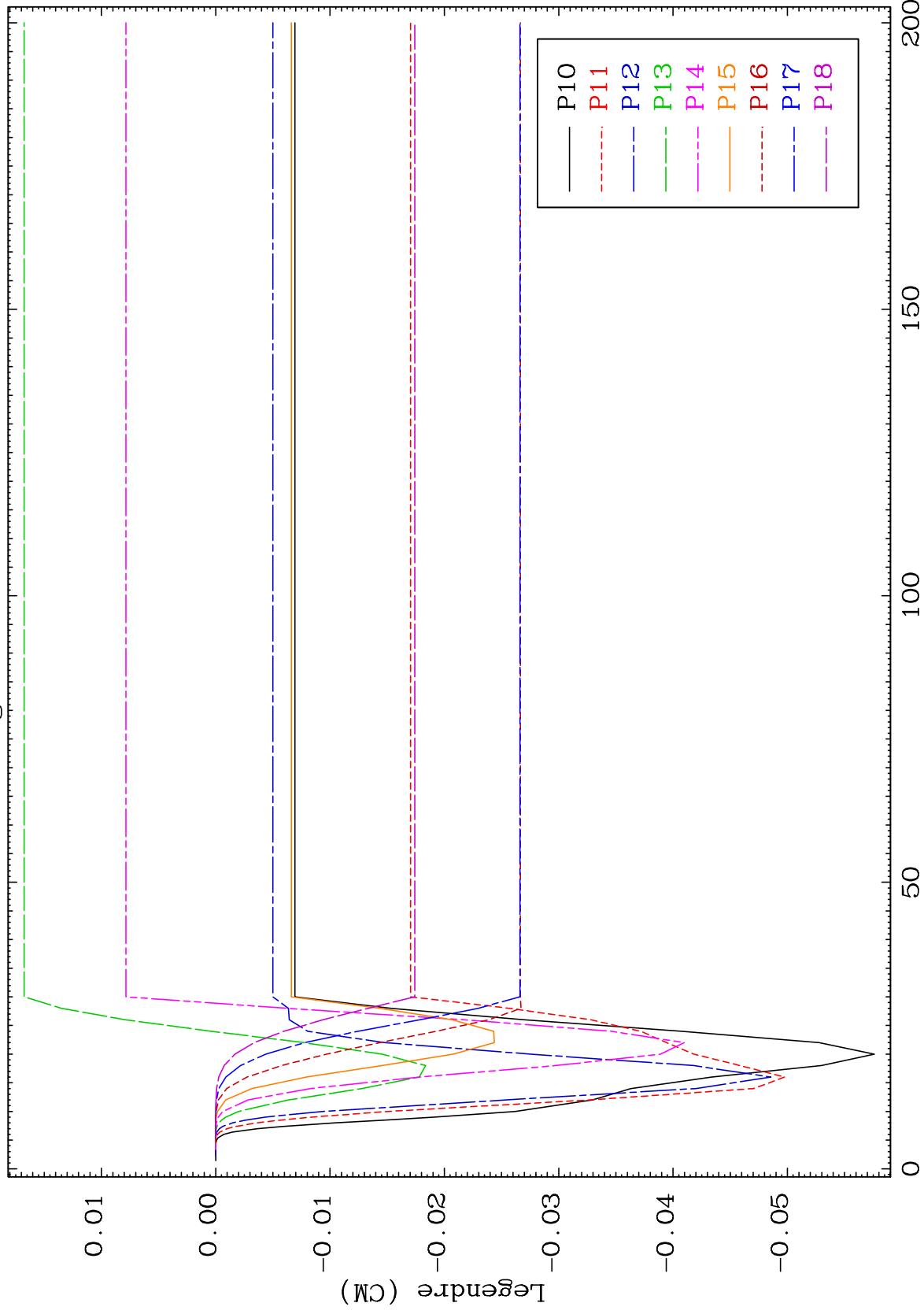
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

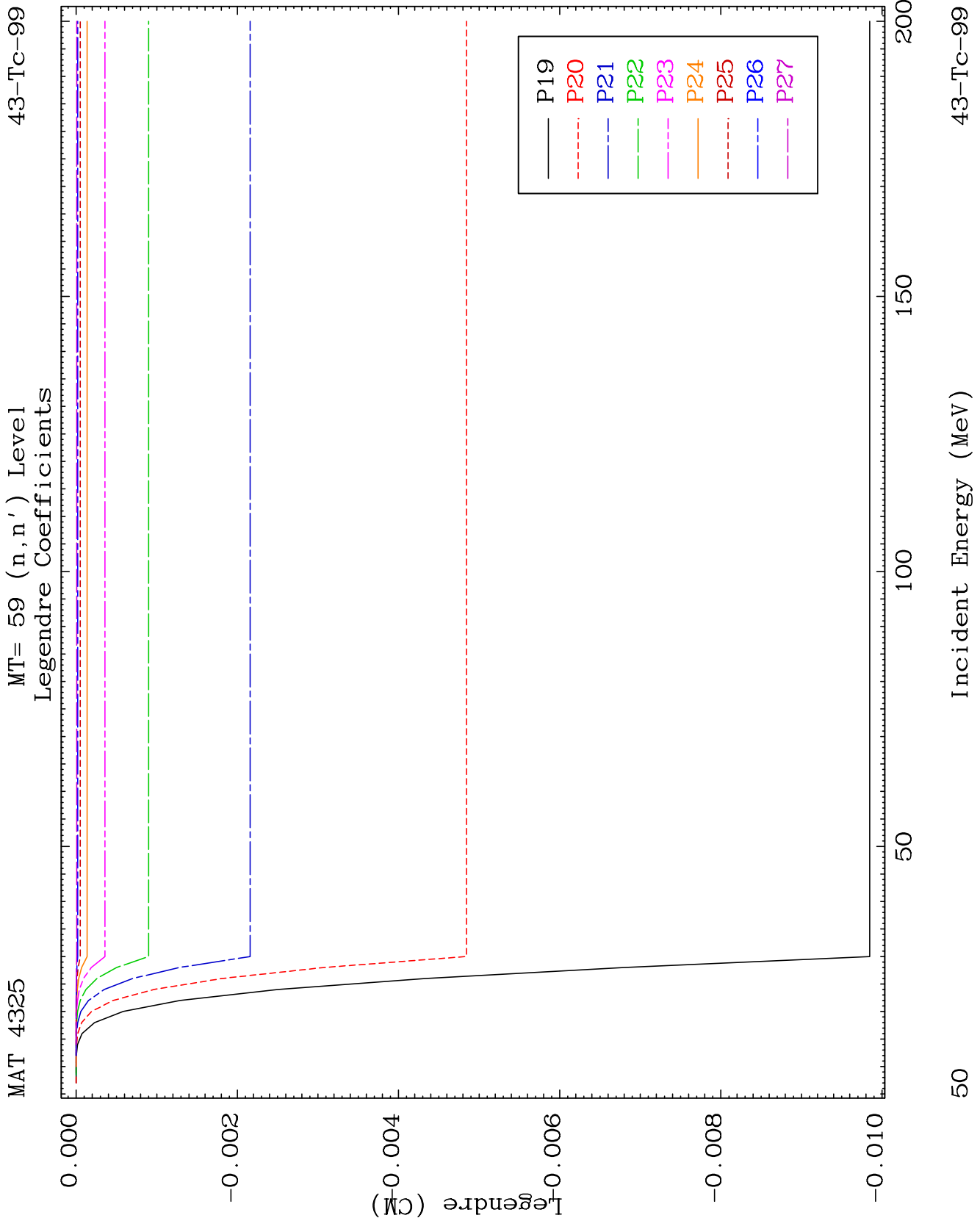
43-Tc-99

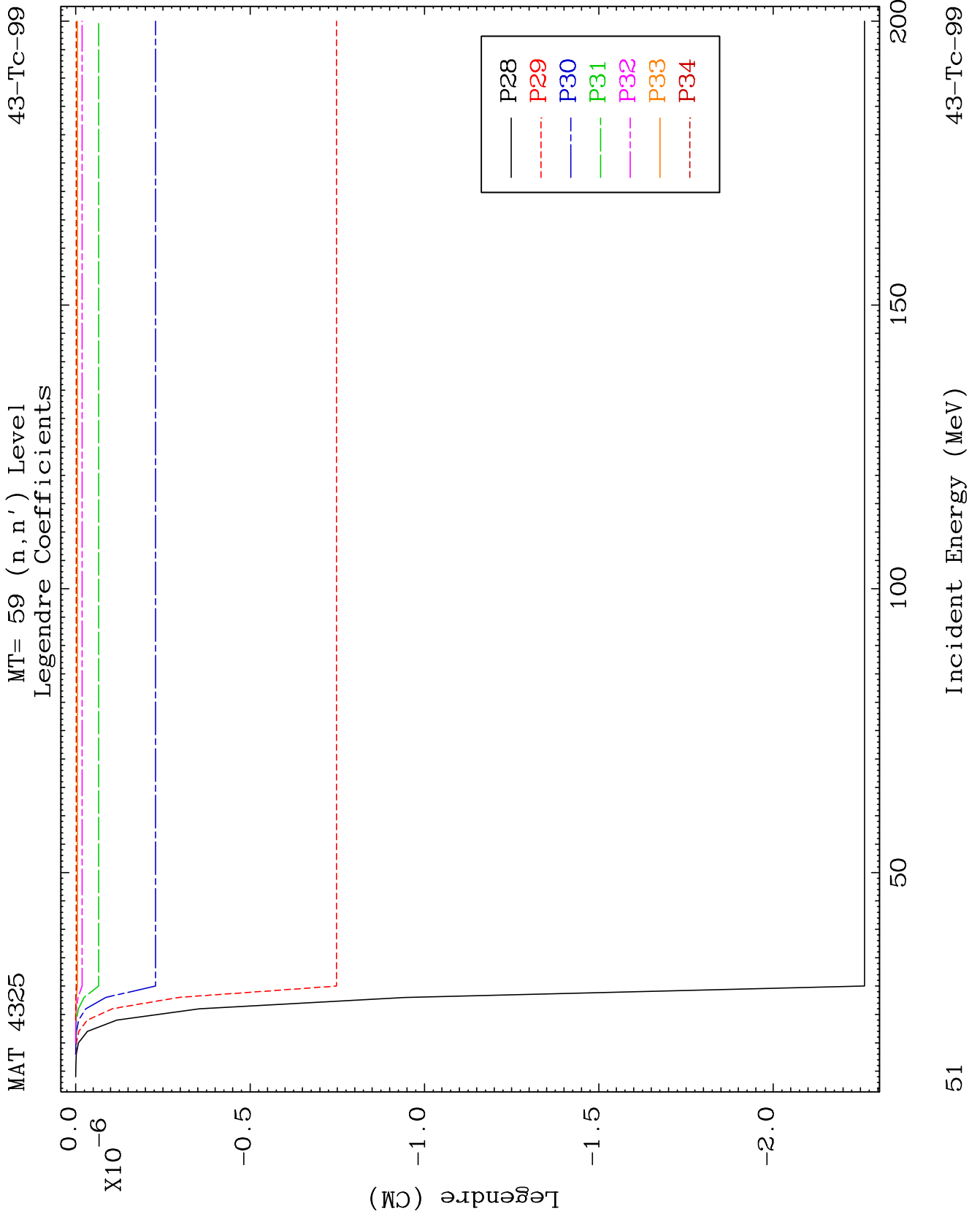


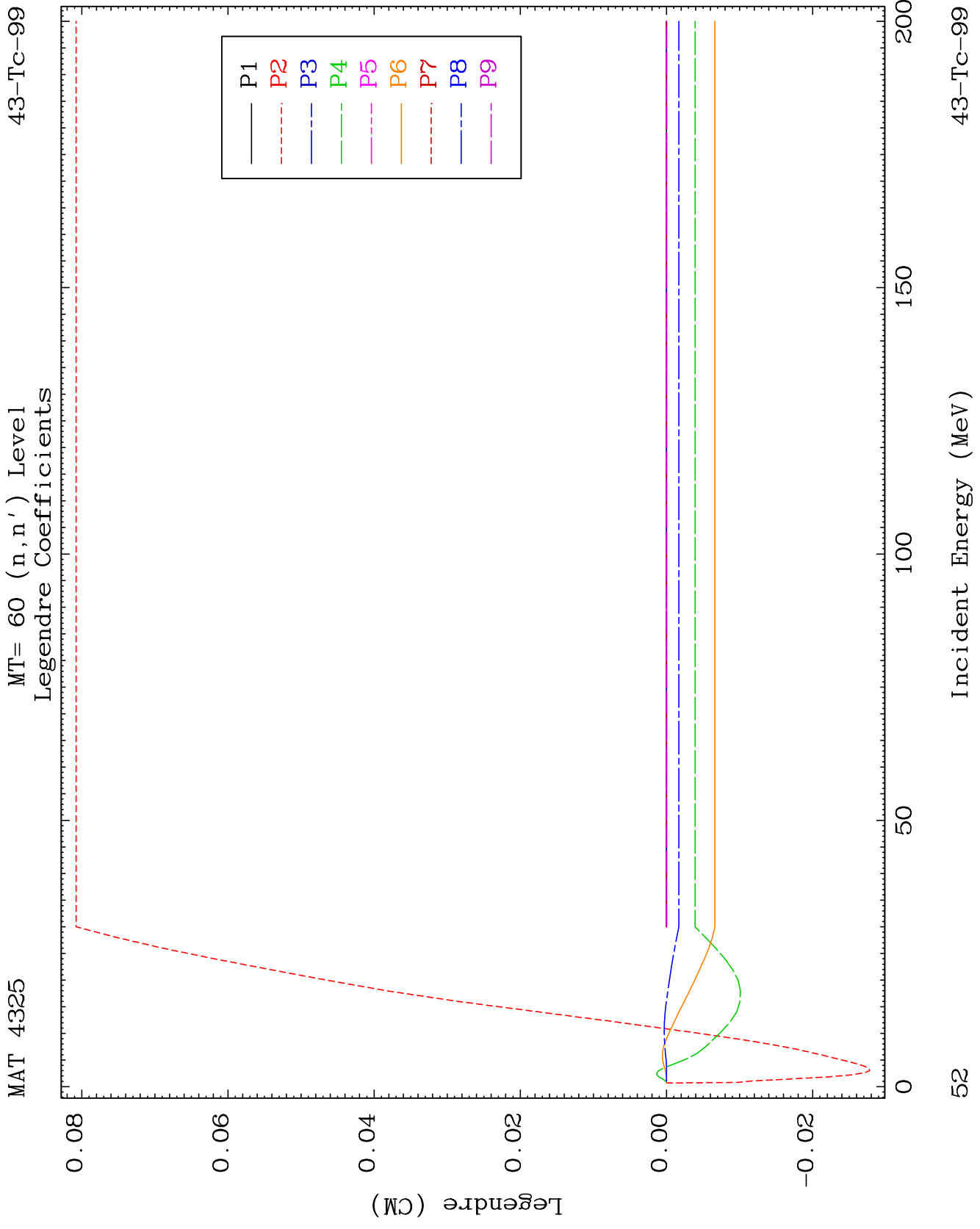
49

Incident Energy (MeV)

43-Tc-99



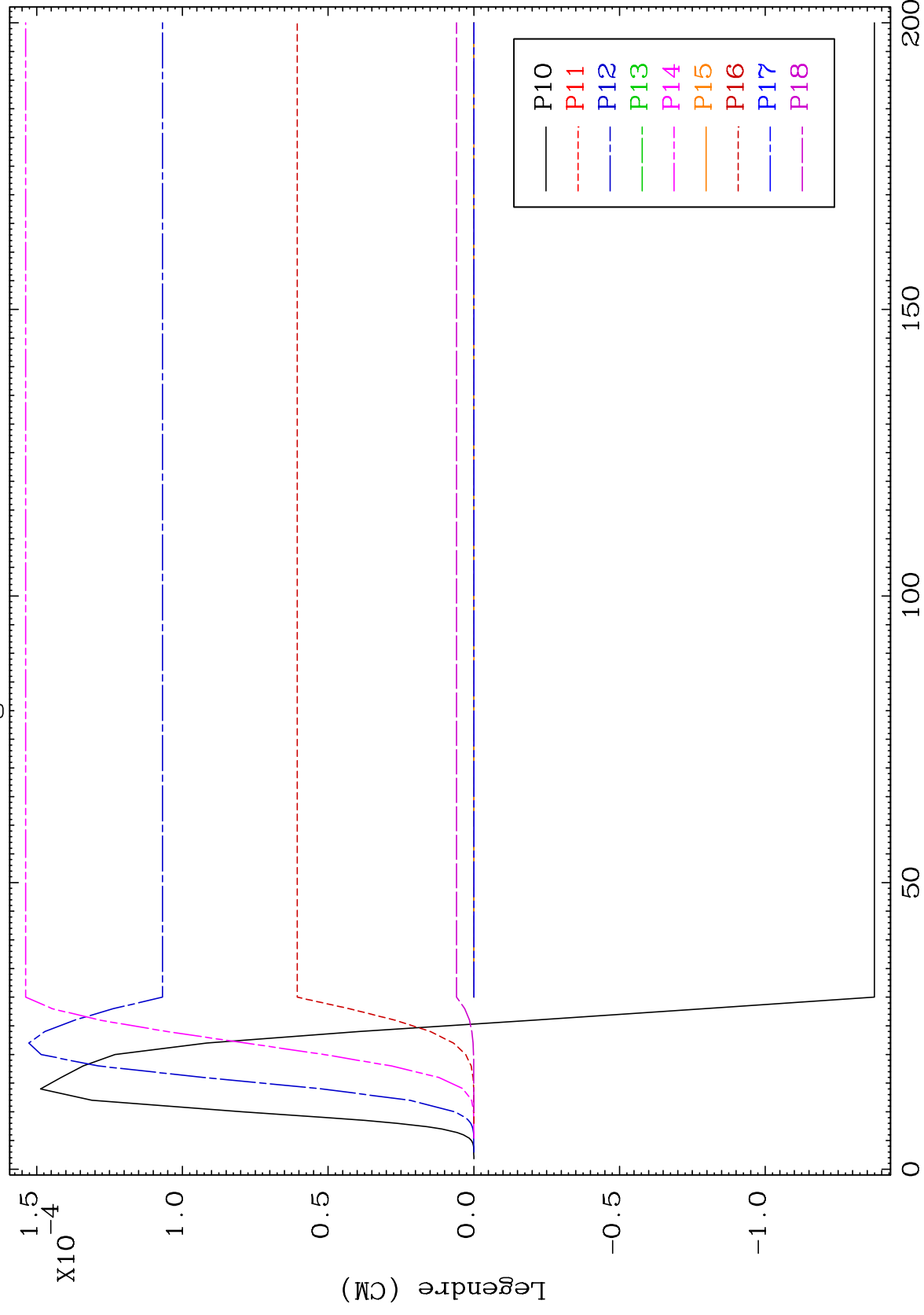




MAT 4325

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

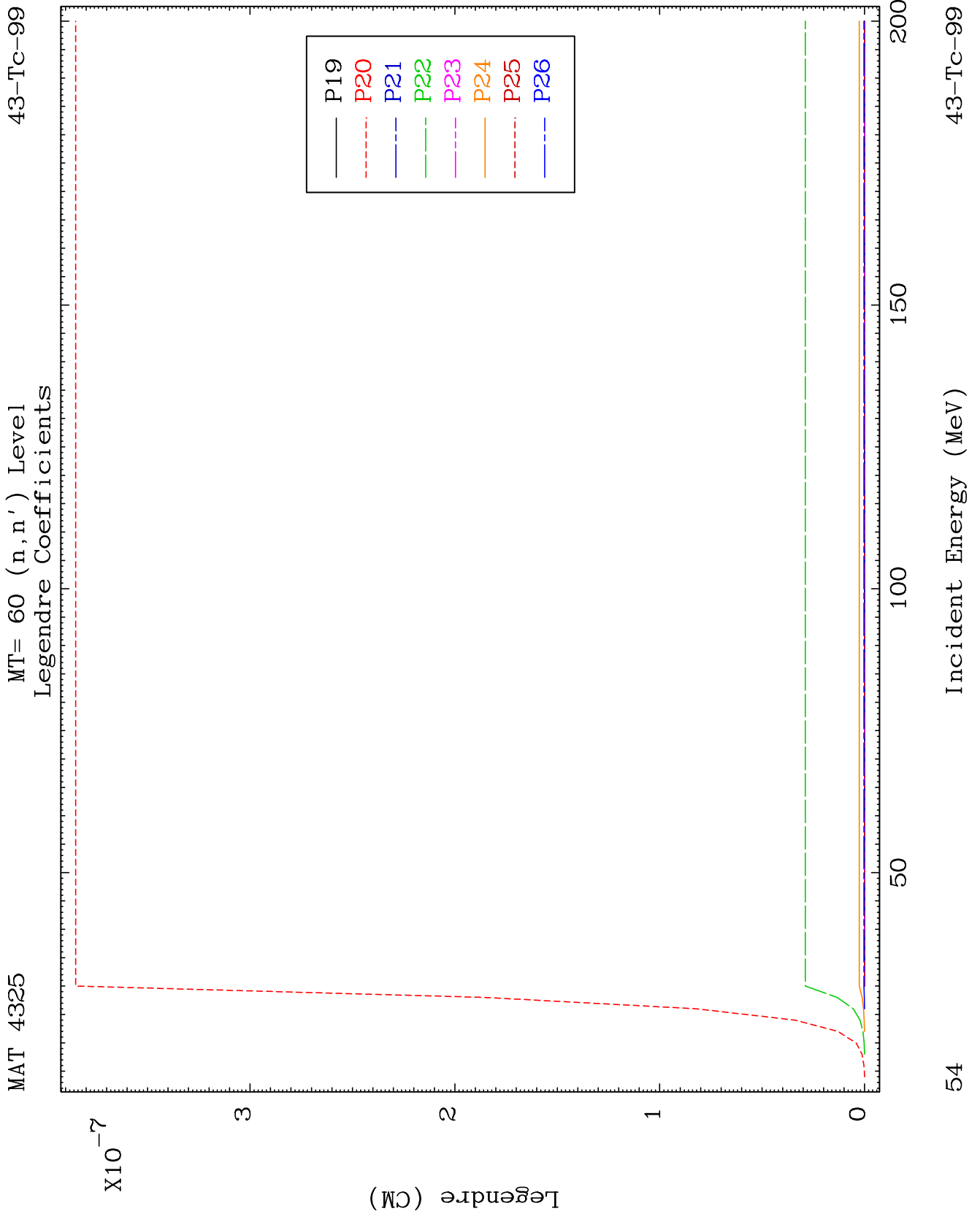
43-Tc-99



53

Incident Energy (MeV)

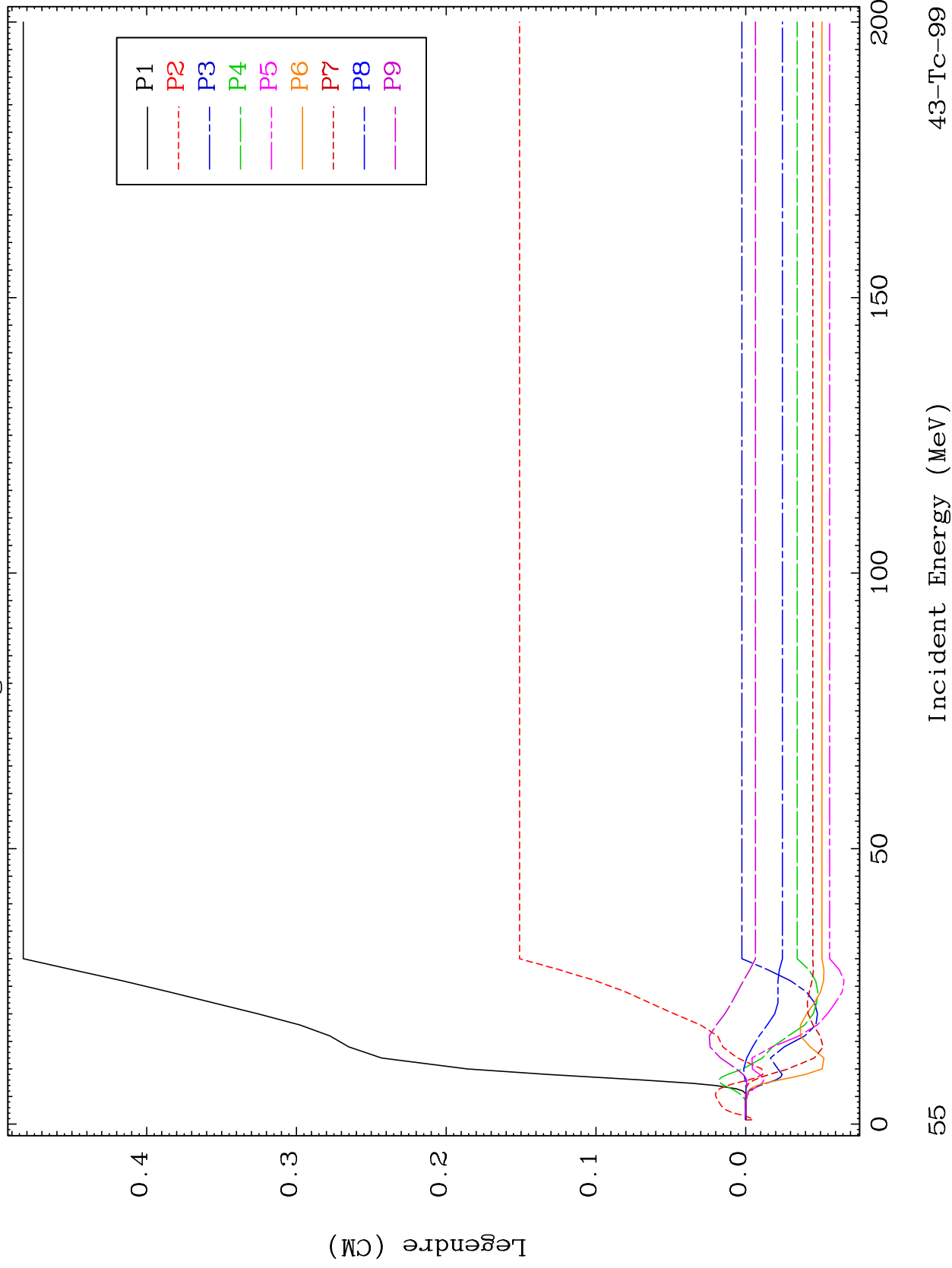
43-Tc-99



MAT 4325

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

43-Tc-99



43-Tc-99

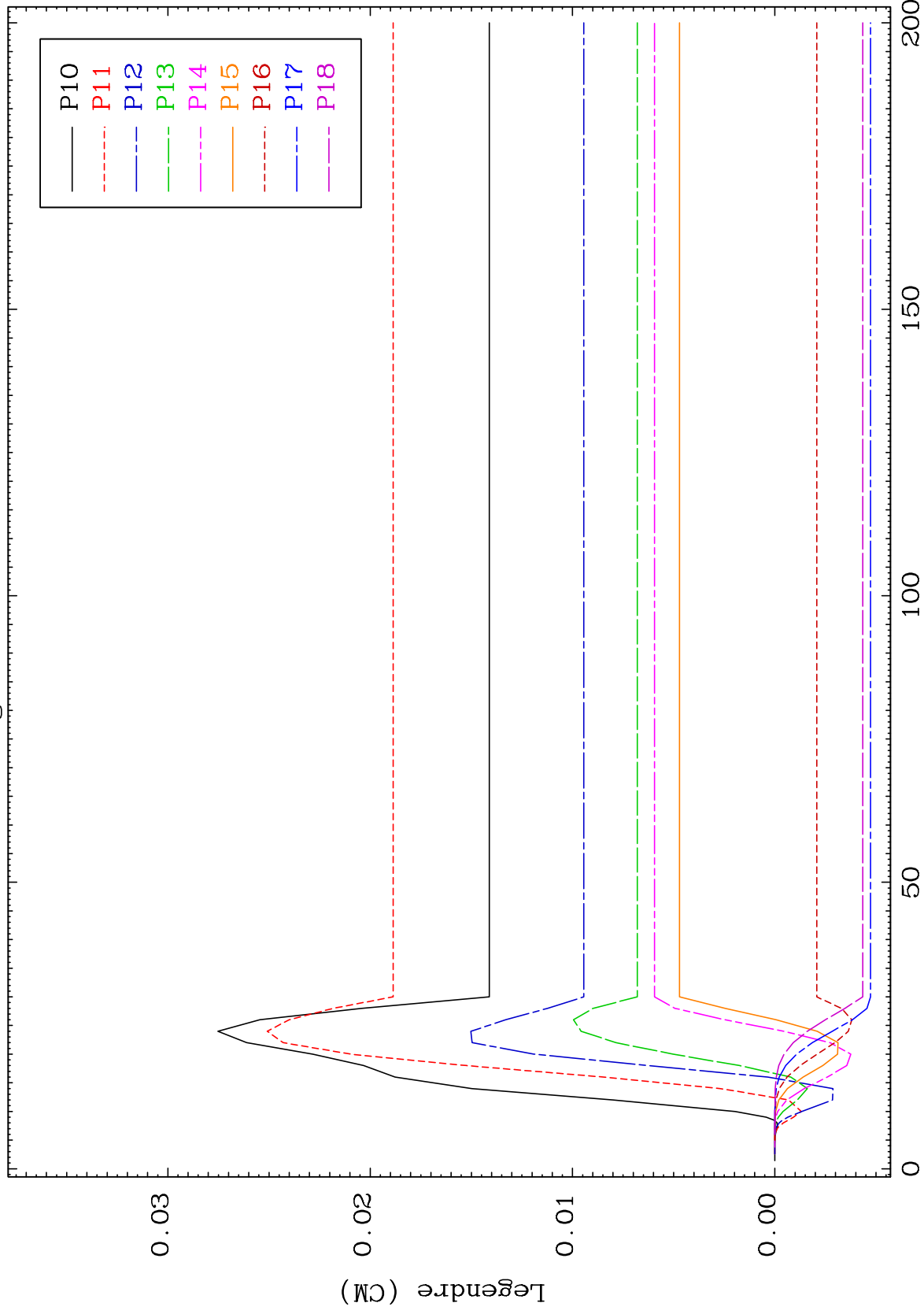
Incident Energy (MeV)

55

MAT 4325

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

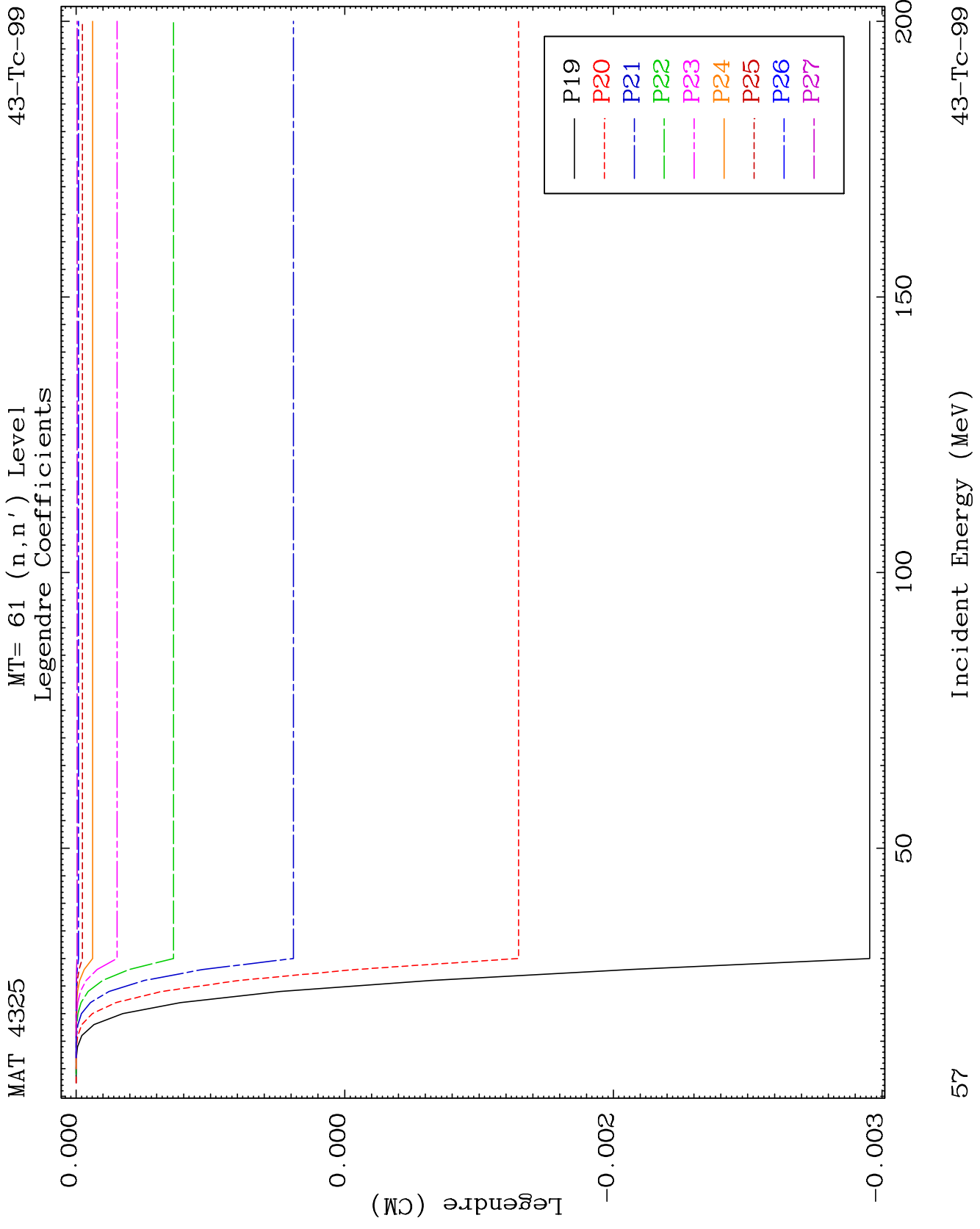
43-Tc-99

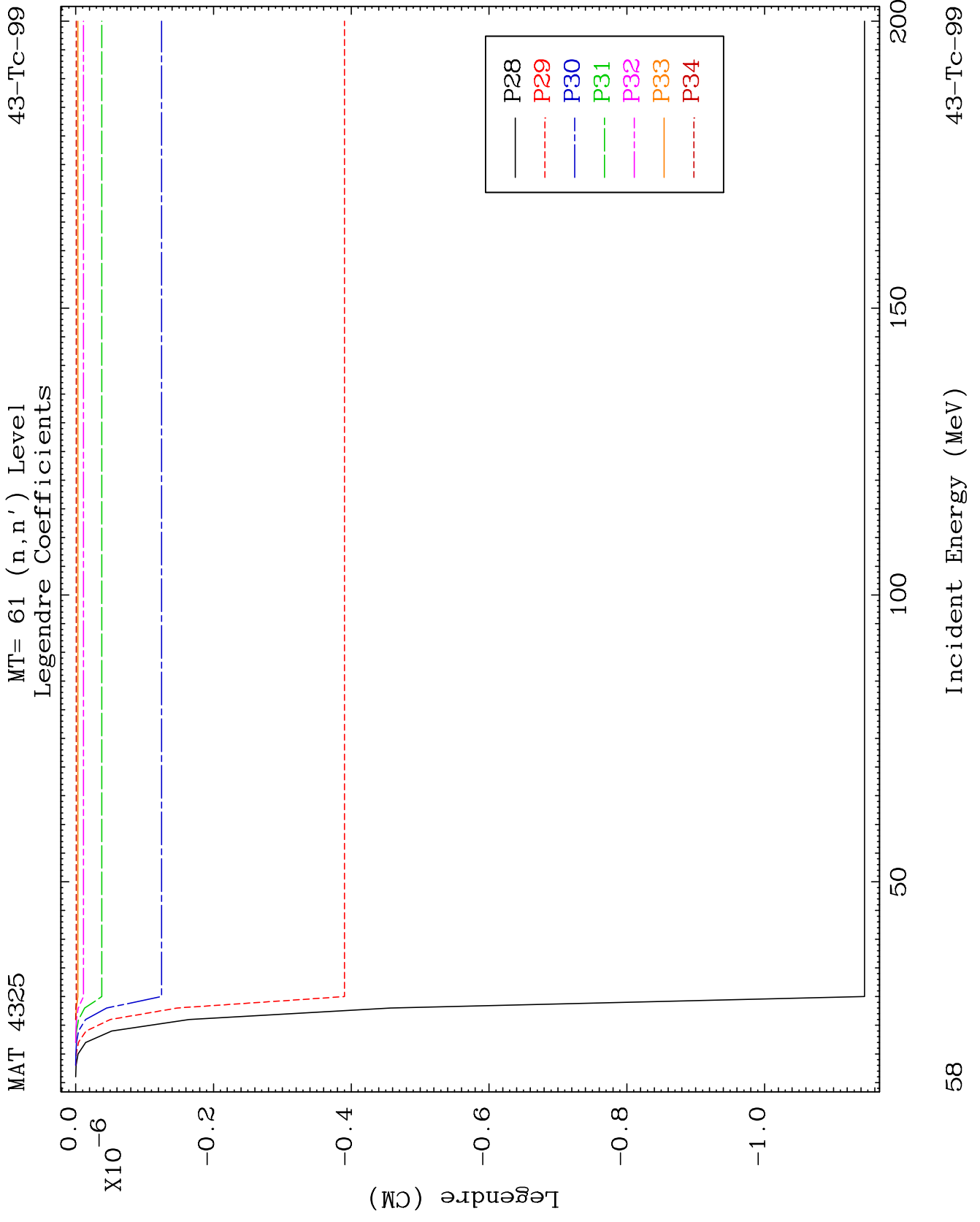


56

Incident Energy (MeV)

43-Tc-99

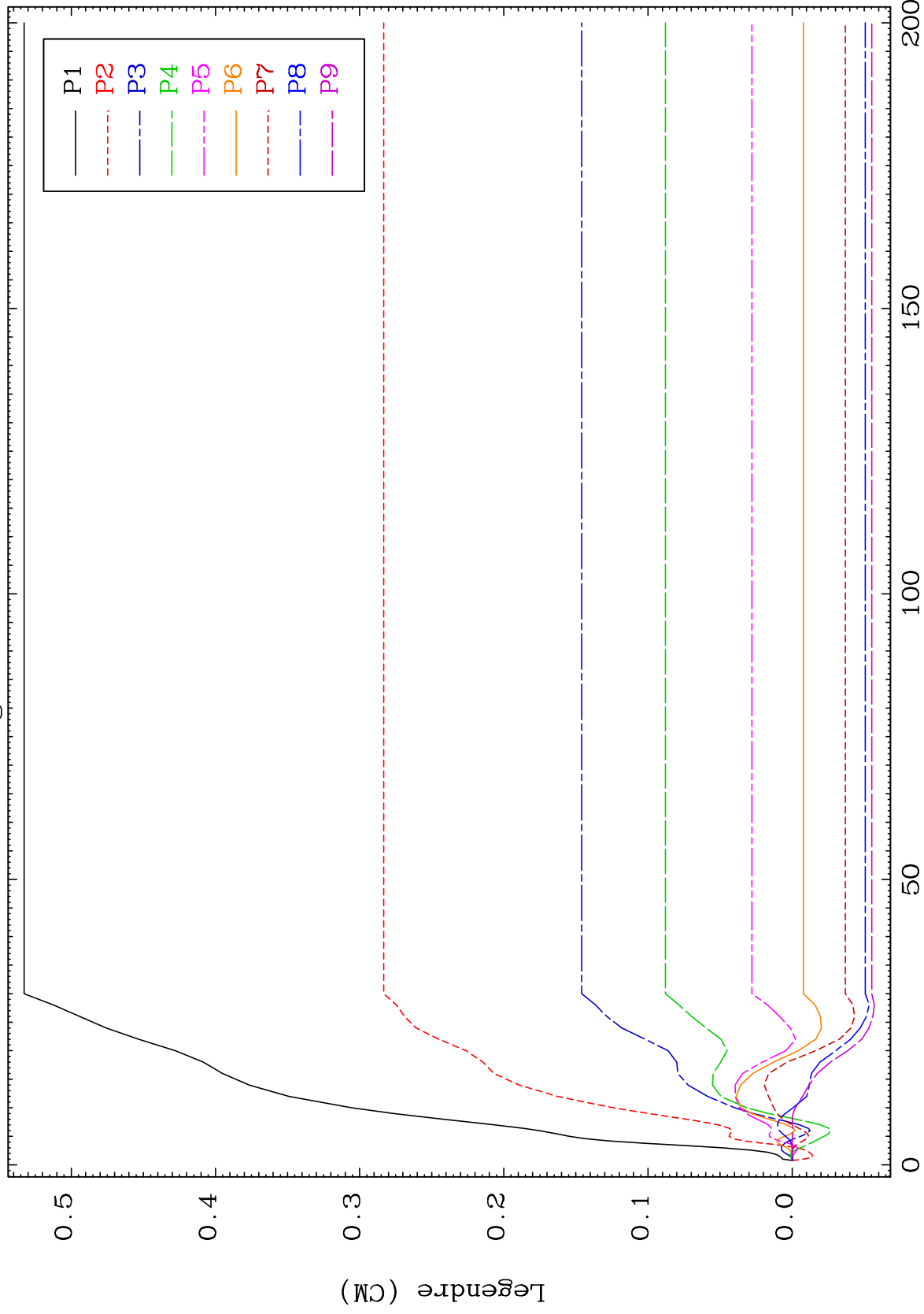




MAT 4325

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

43-Tc-99



59

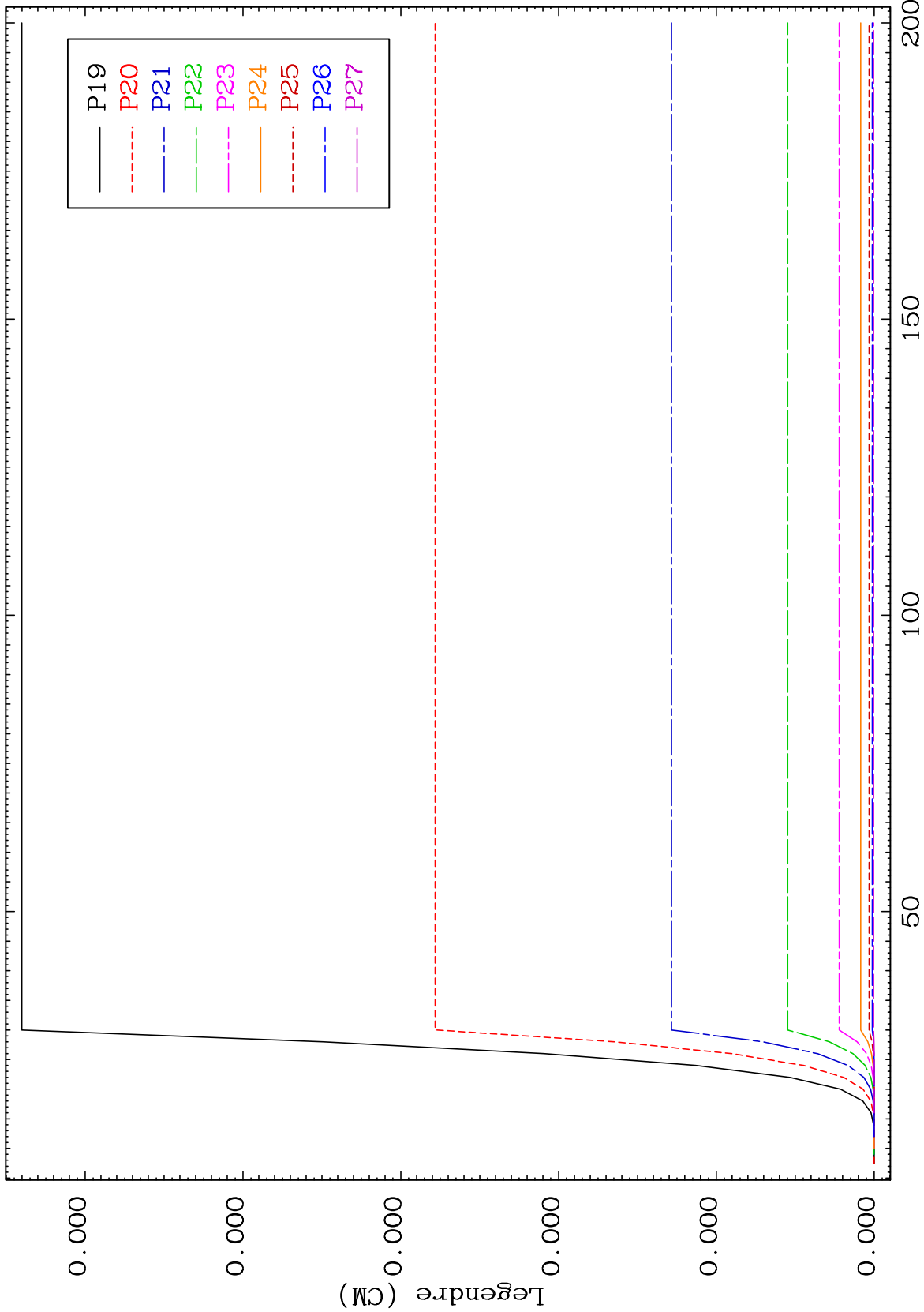
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



61

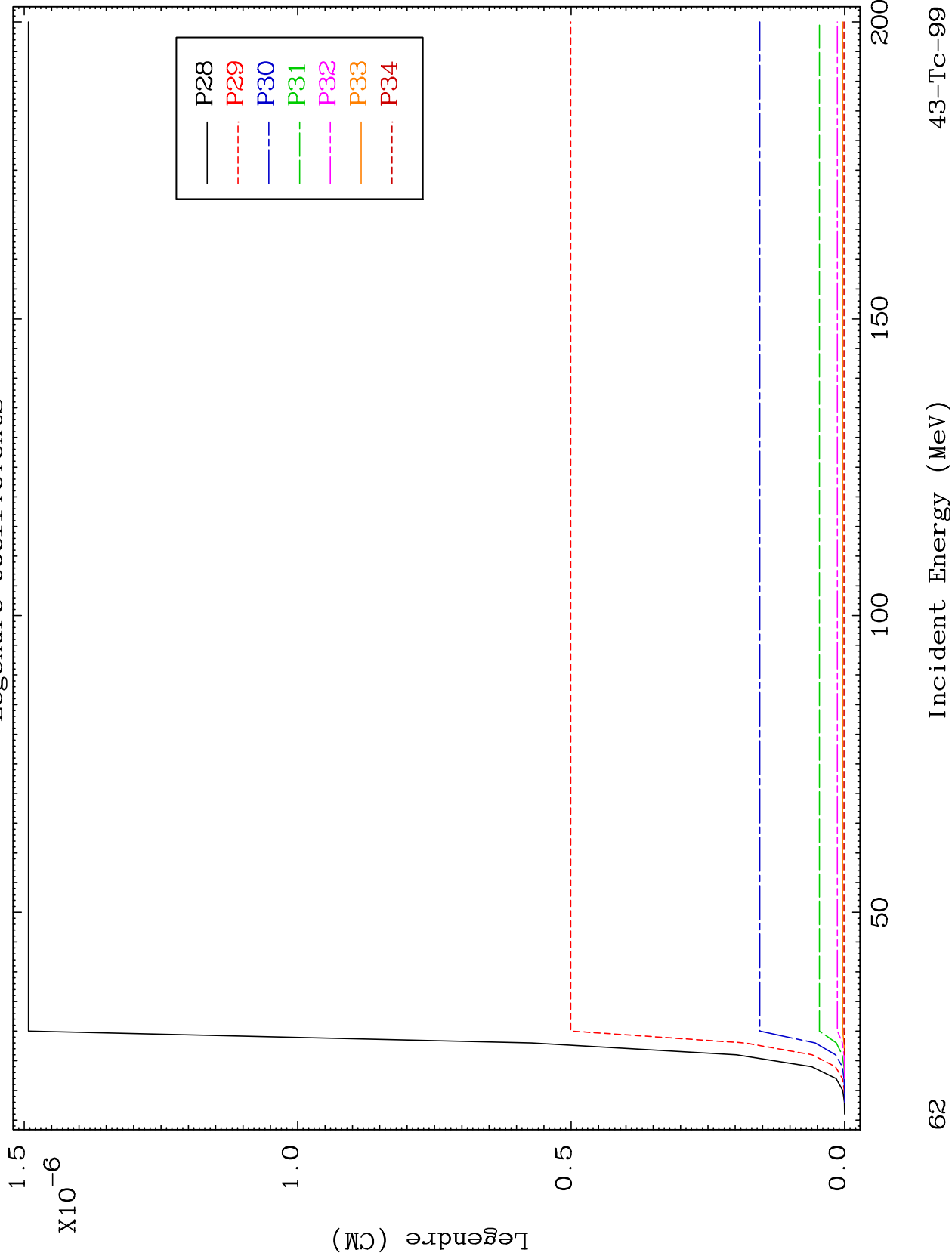
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

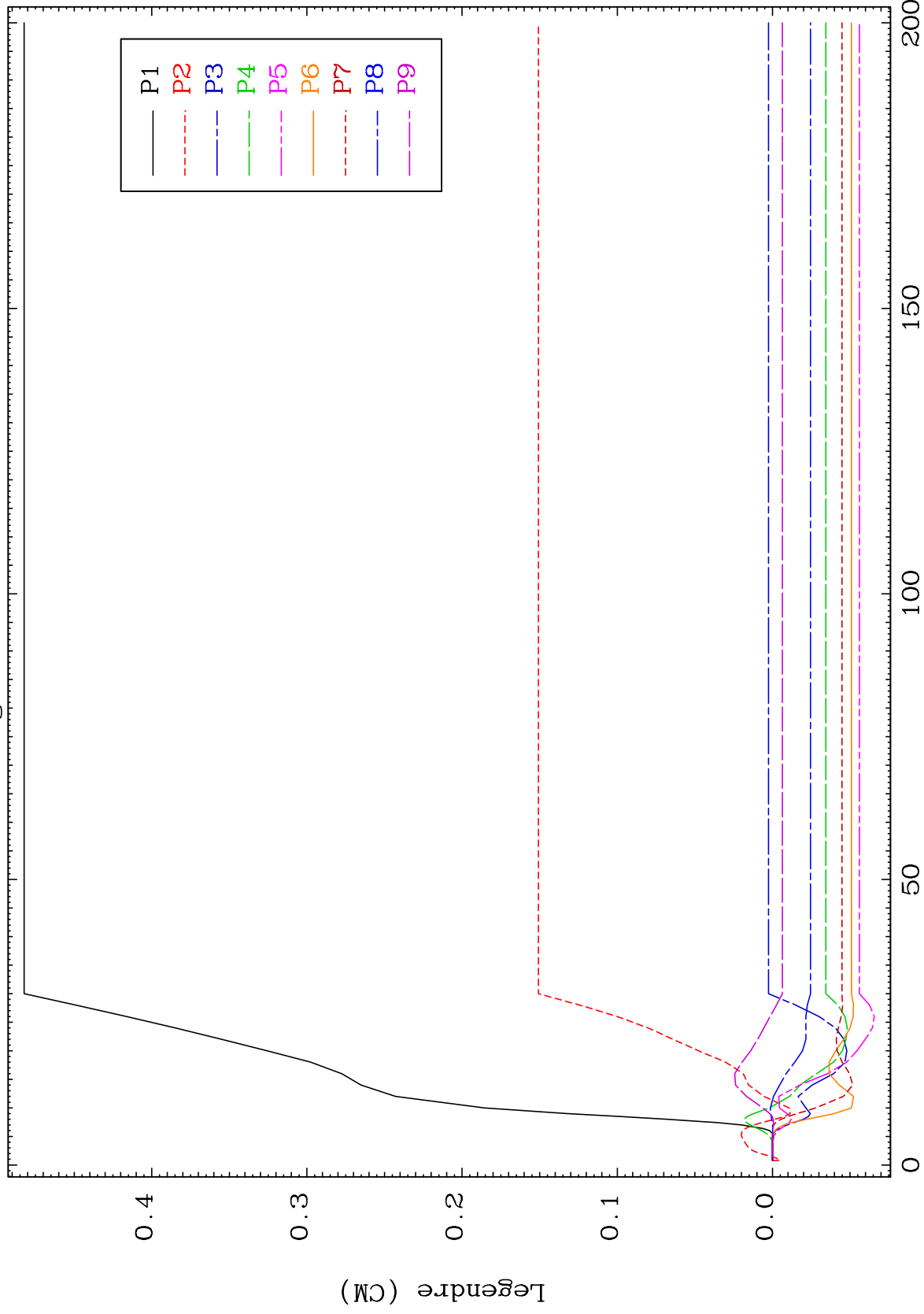
43-Tc-99



MAT 4325

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

43-Tc-99



63

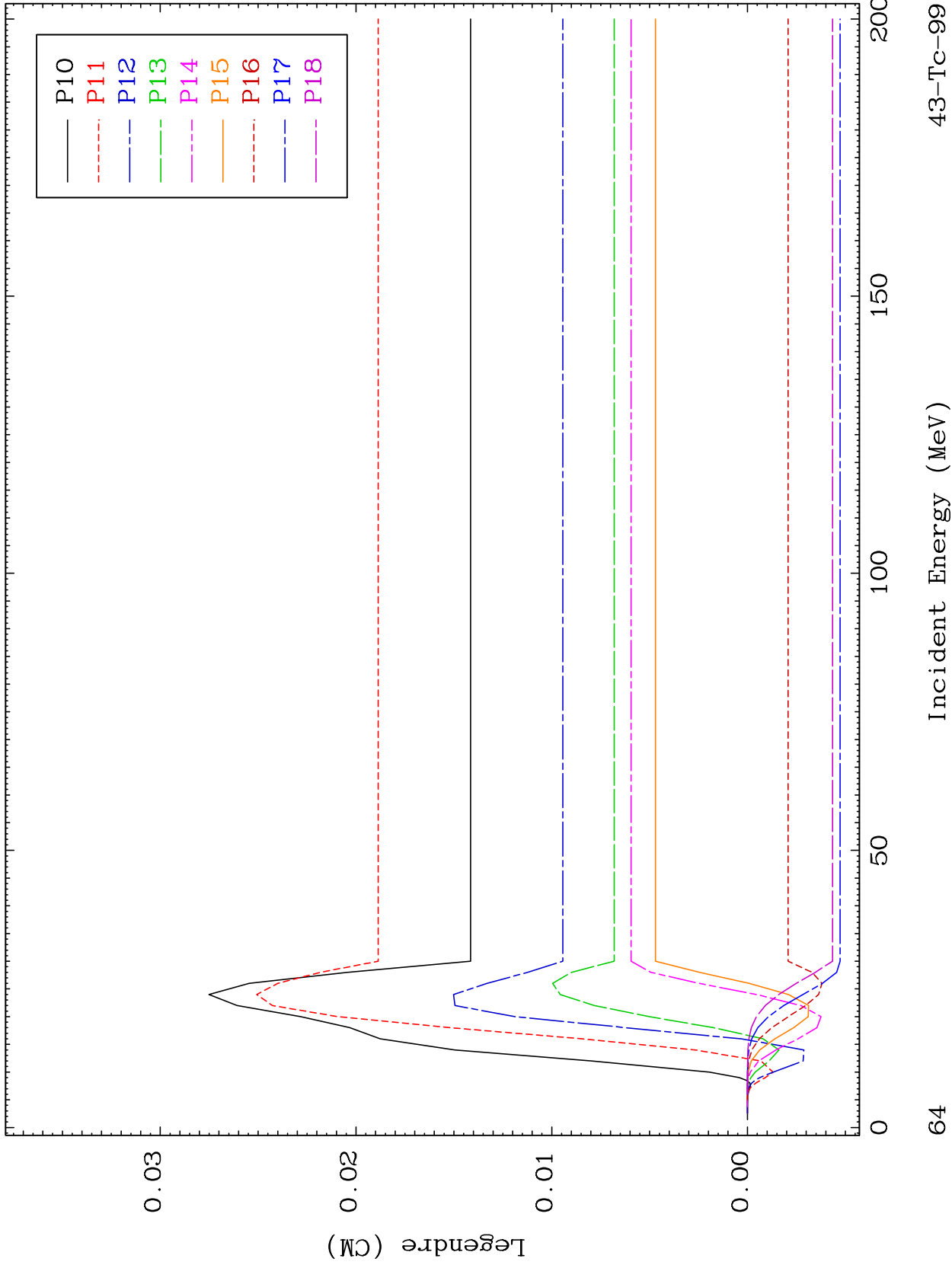
Incident Energy (MeV)

43-Tc-99

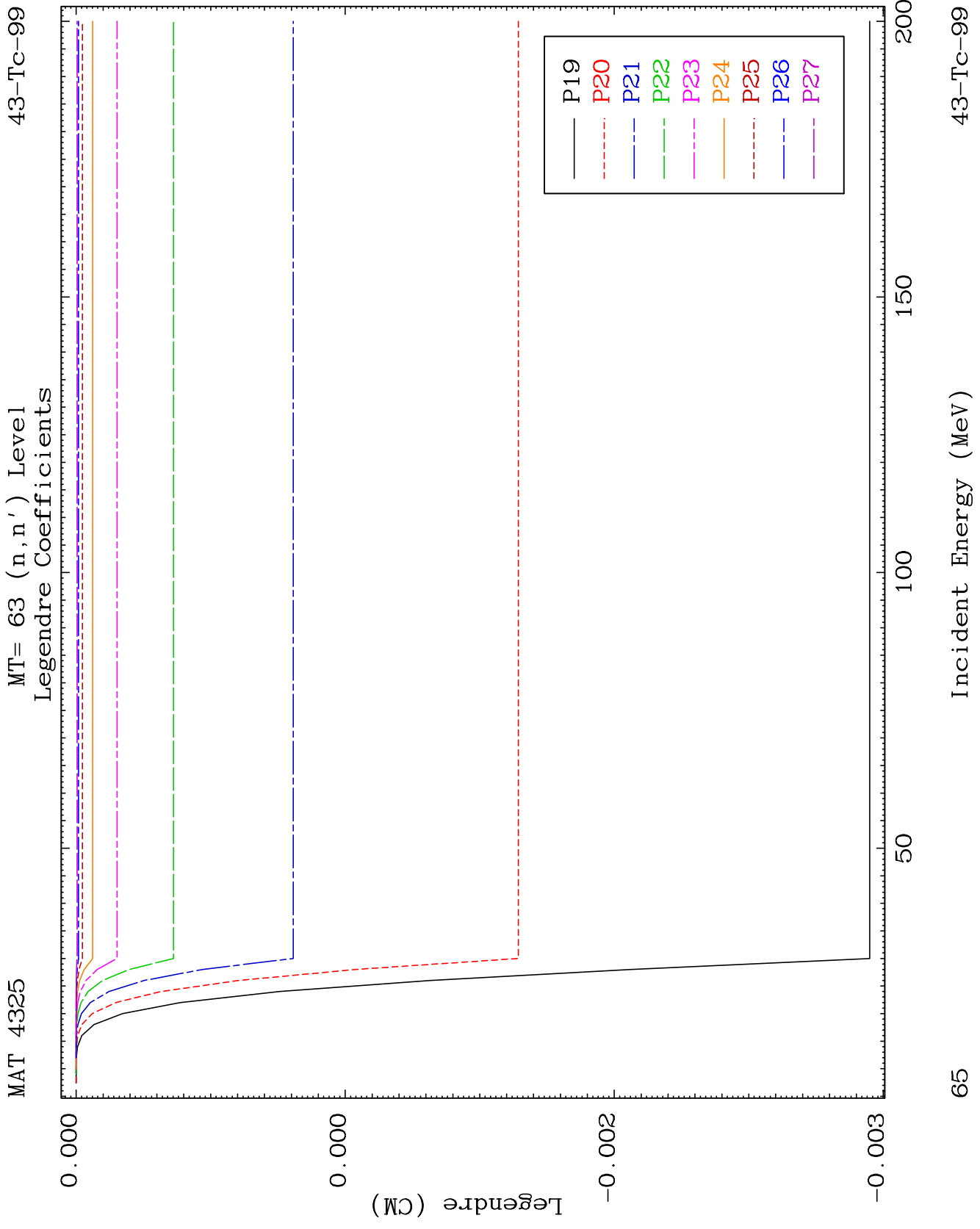
MAT 4325

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

43-Tc-99



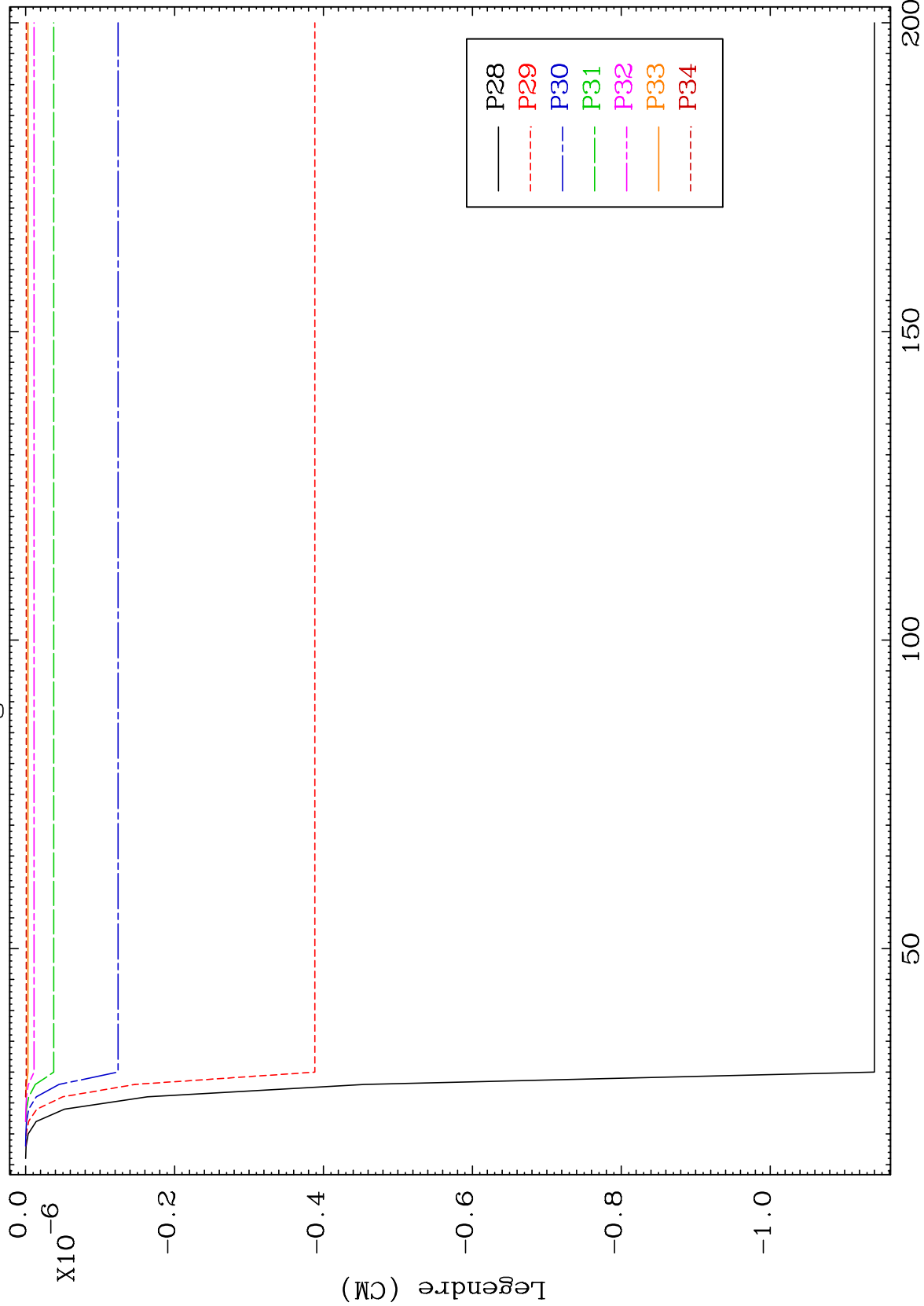
64



MAT 4325

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

43-Tc-99



66

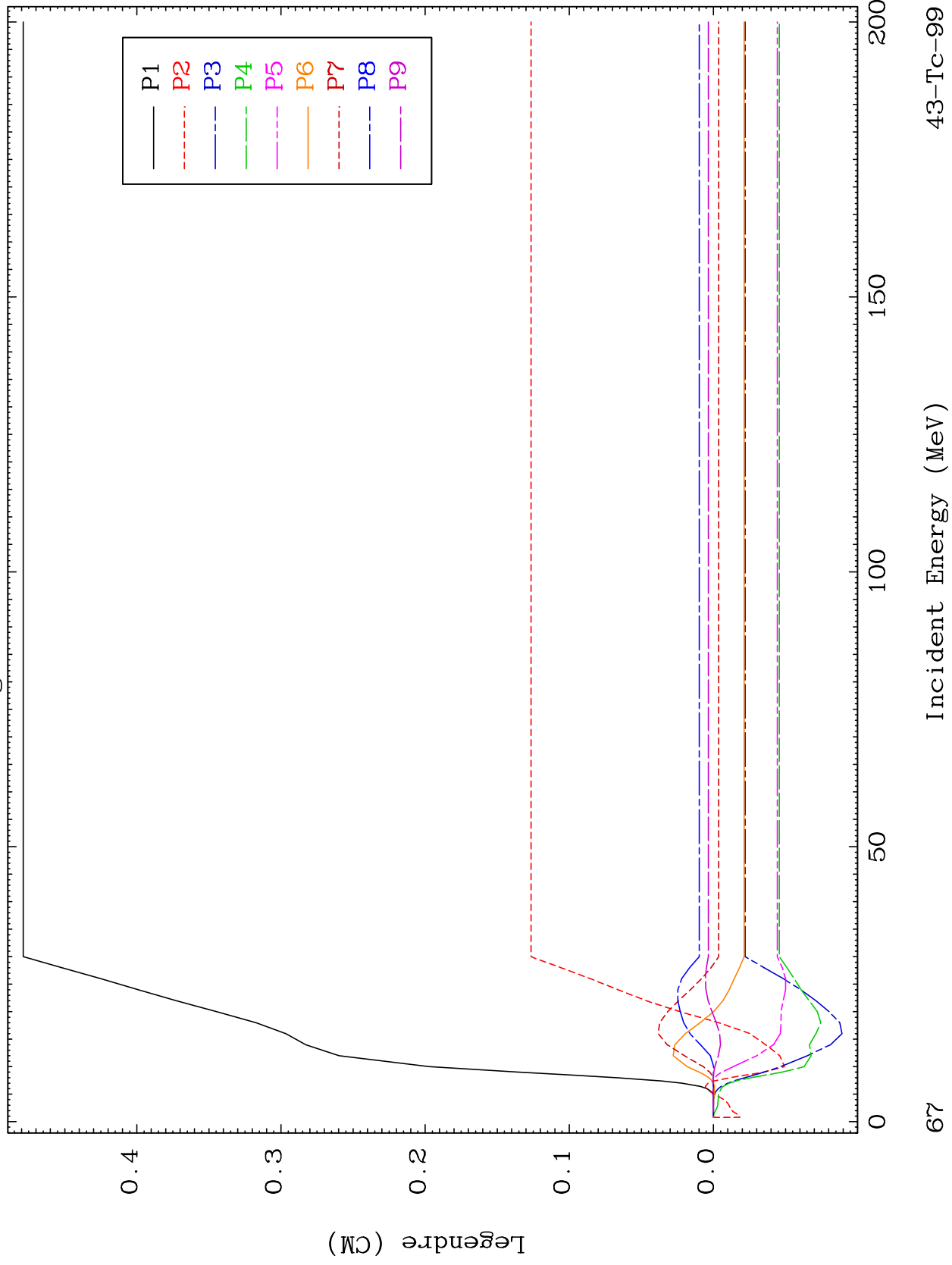
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

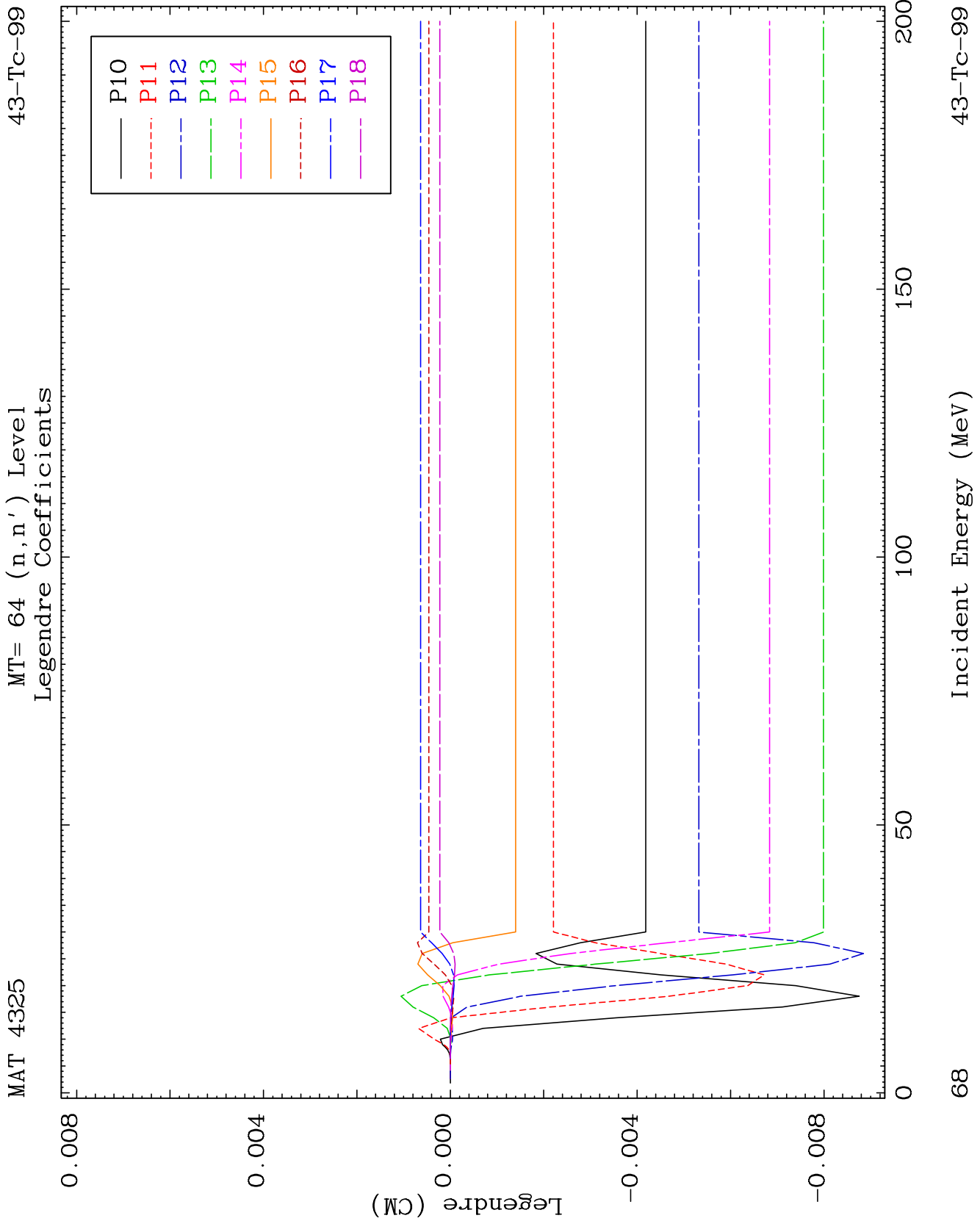
43-Tc-99



43-Tc-99

Incident Energy (MeV)

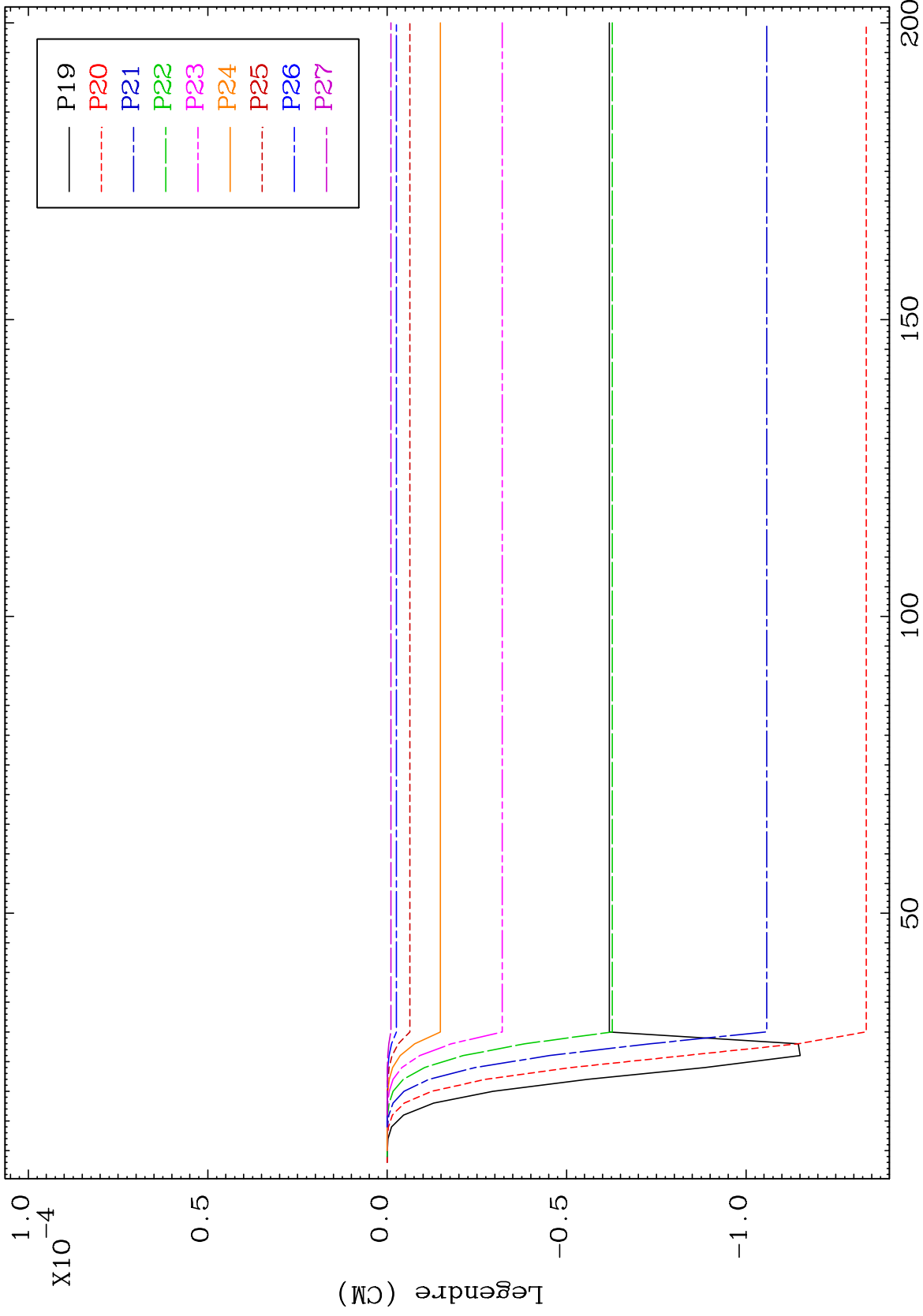
67



MAT 4325

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

43-Tc-99



69

Incident Energy (MeV)

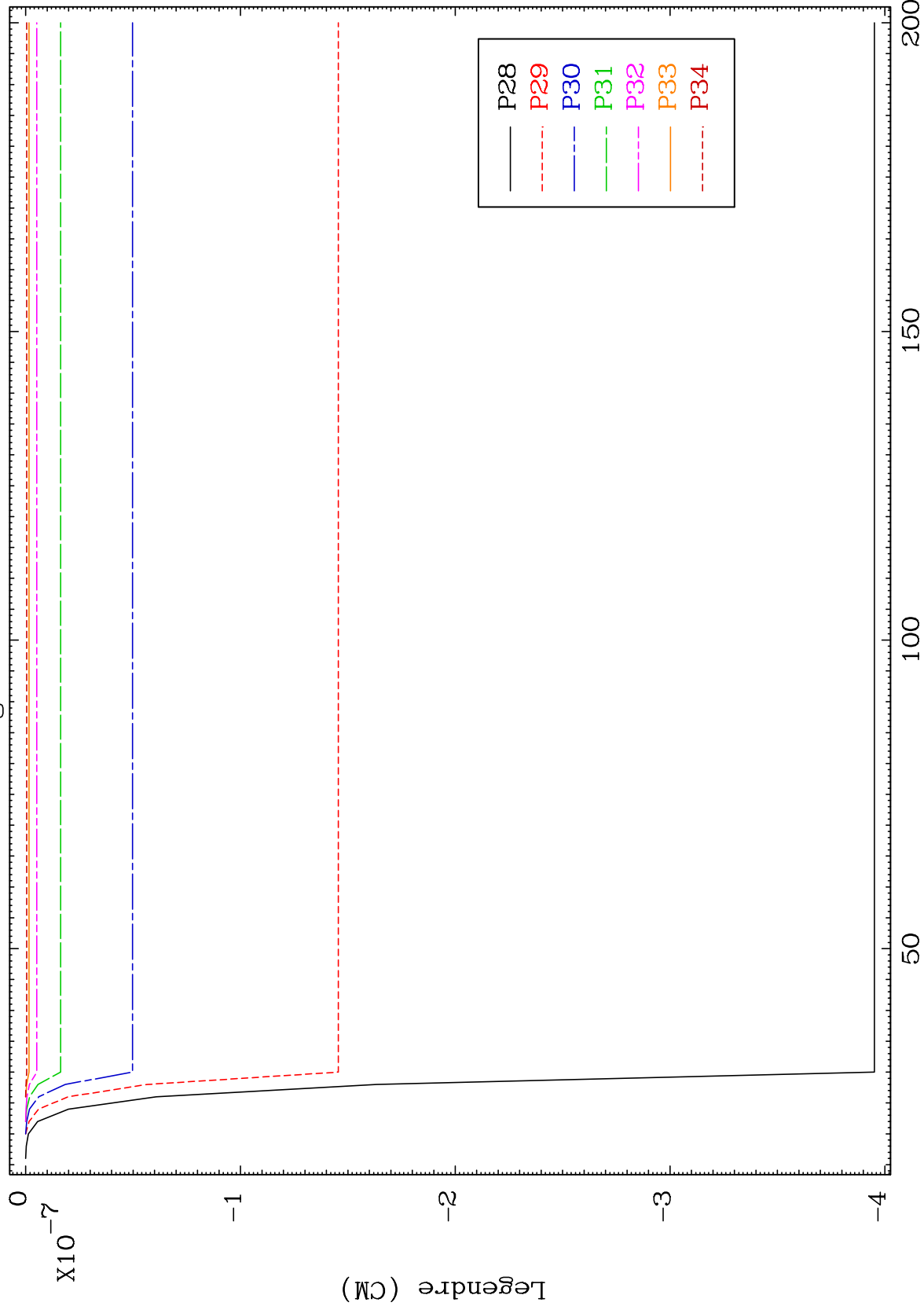
43-Tc-99

MAT 4325

MT= 64 (n,n') Level

43-Tc-99

Legendre Coefficients



70

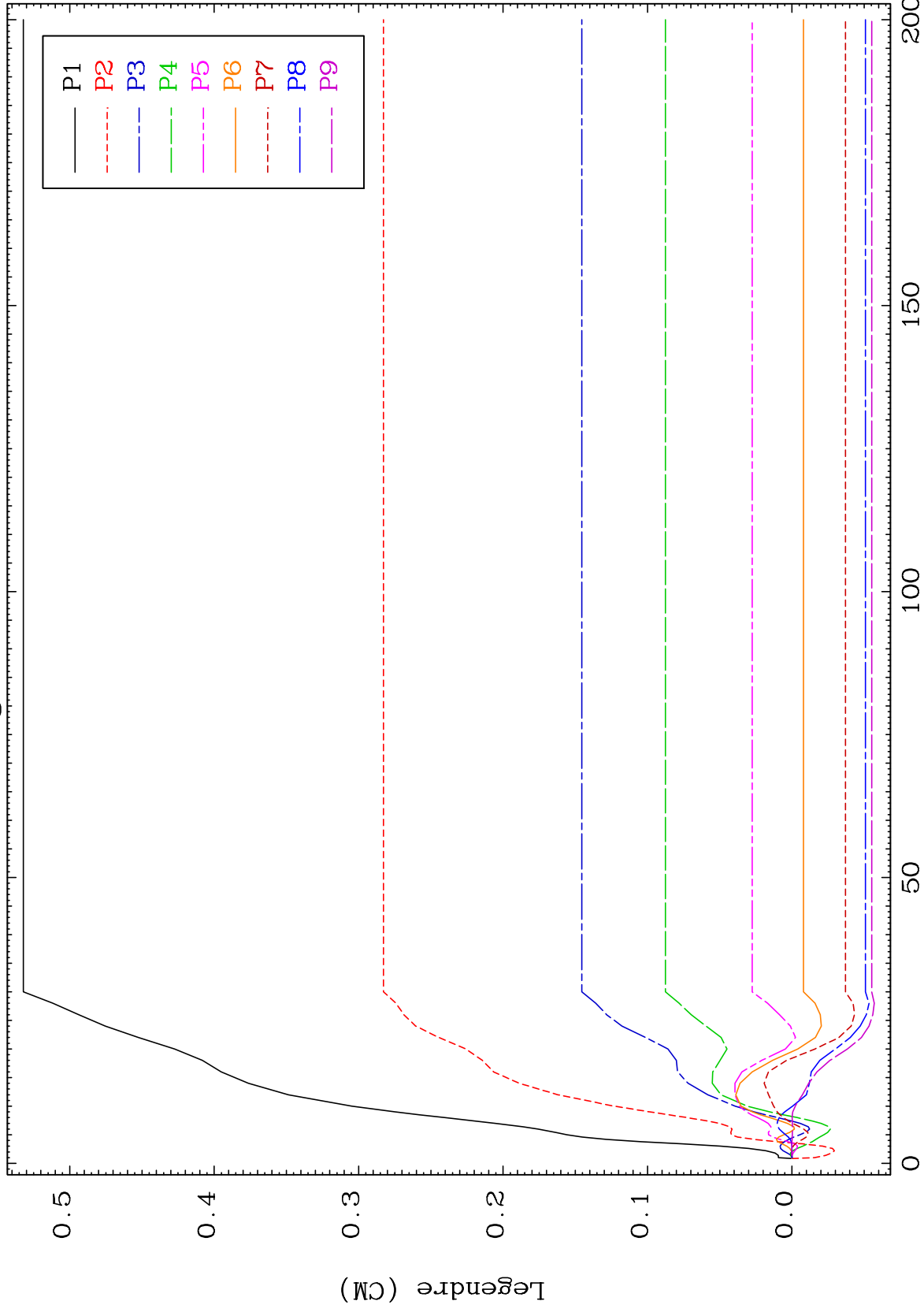
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



71

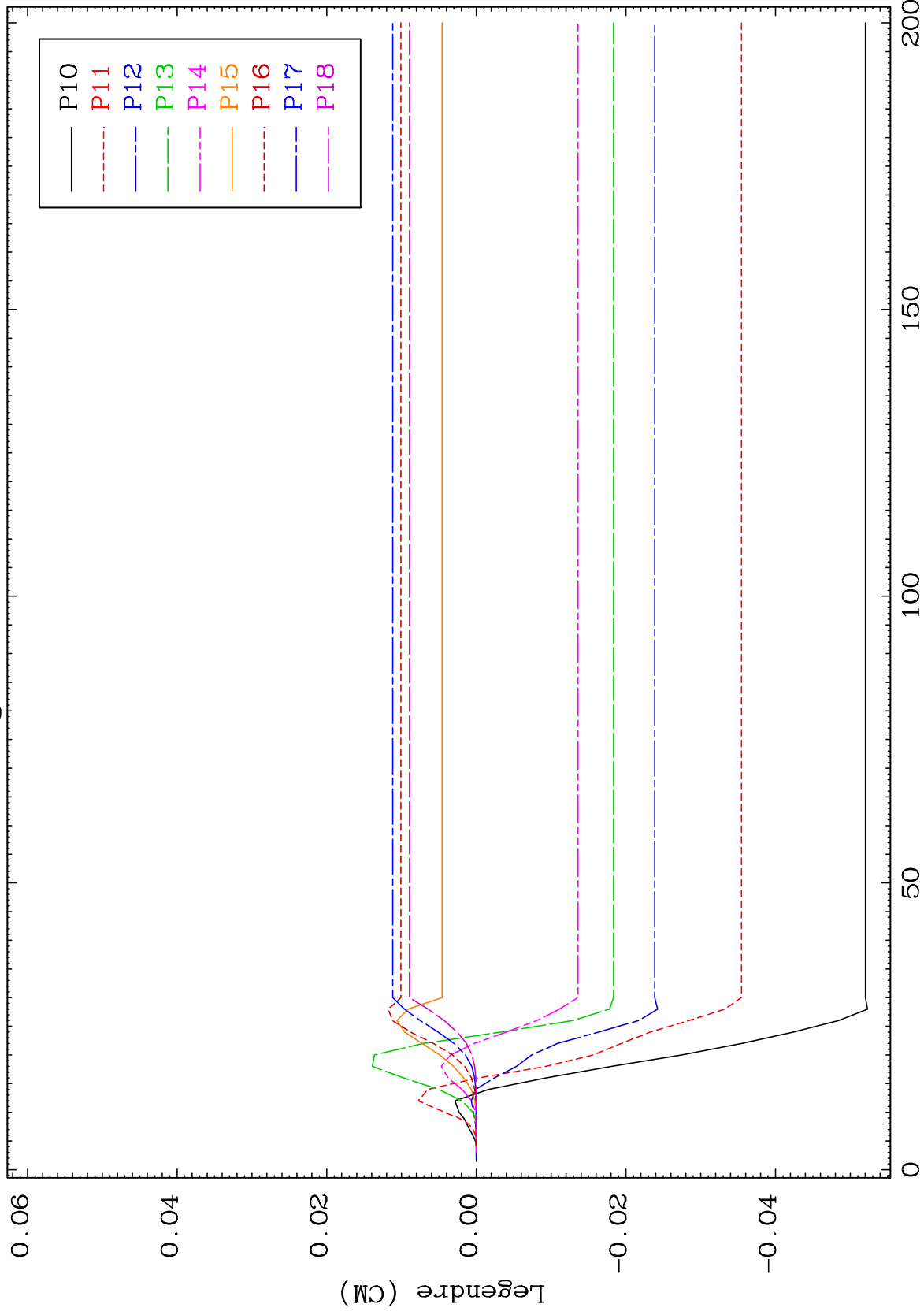
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



72

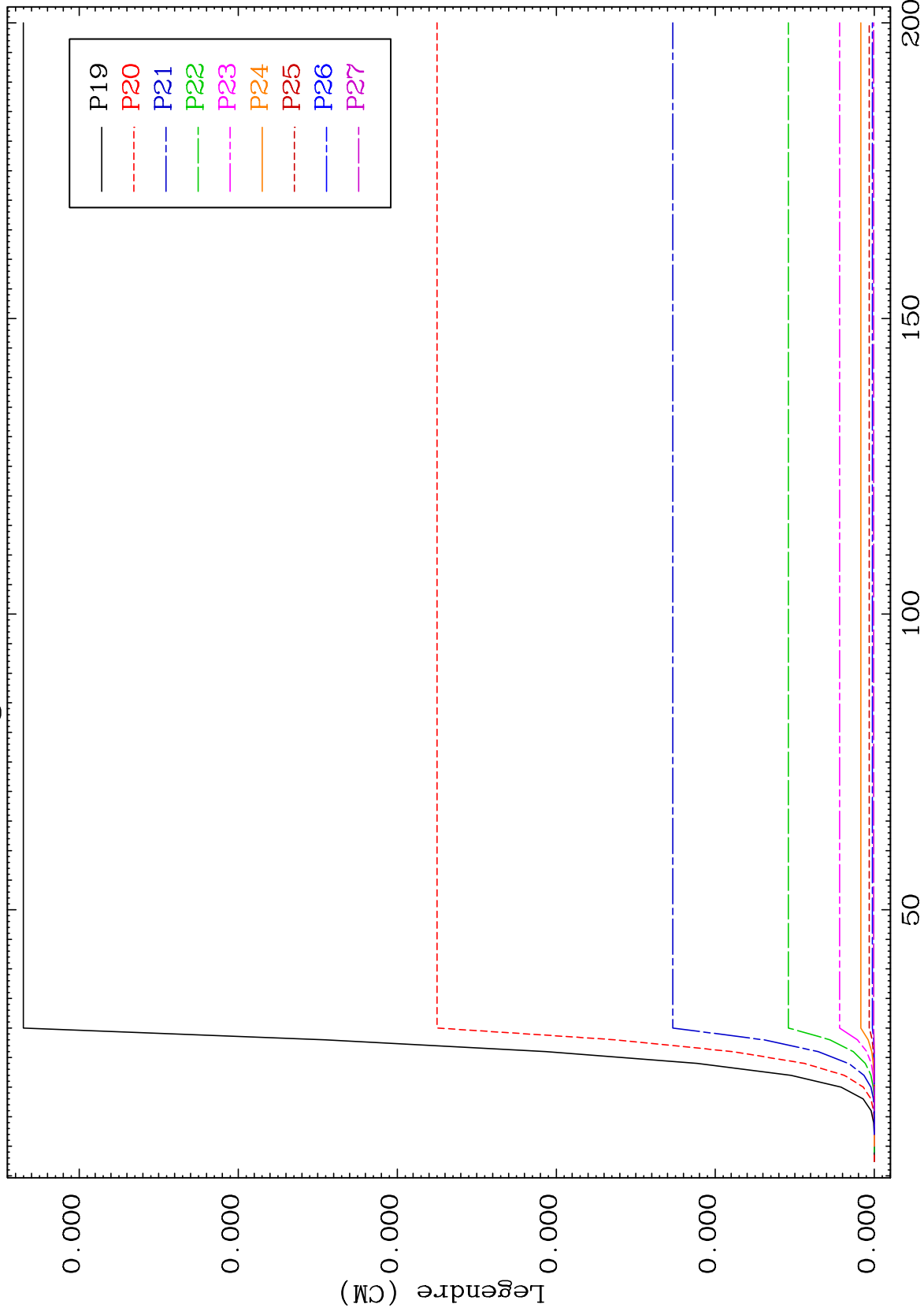
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



73

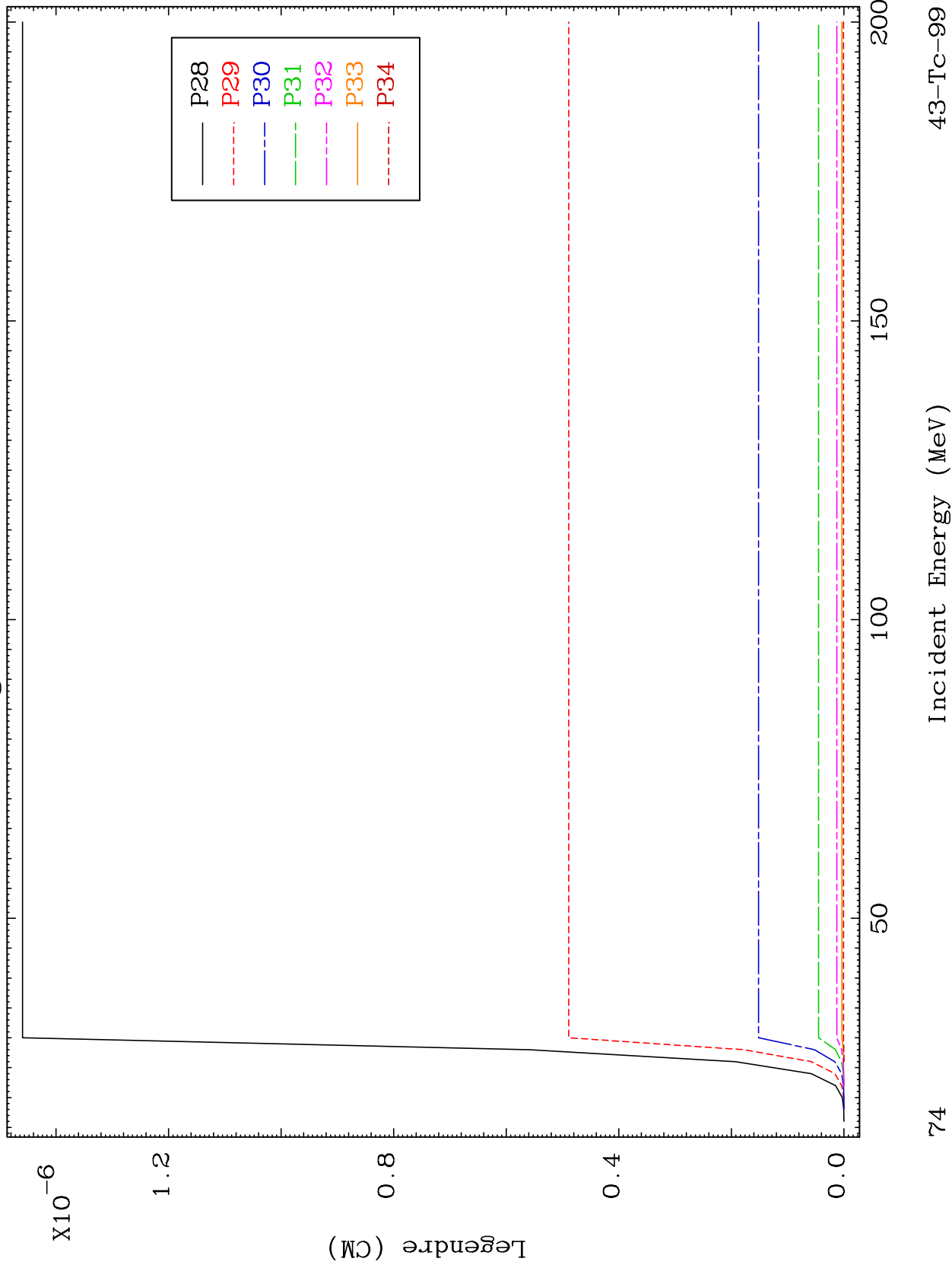
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

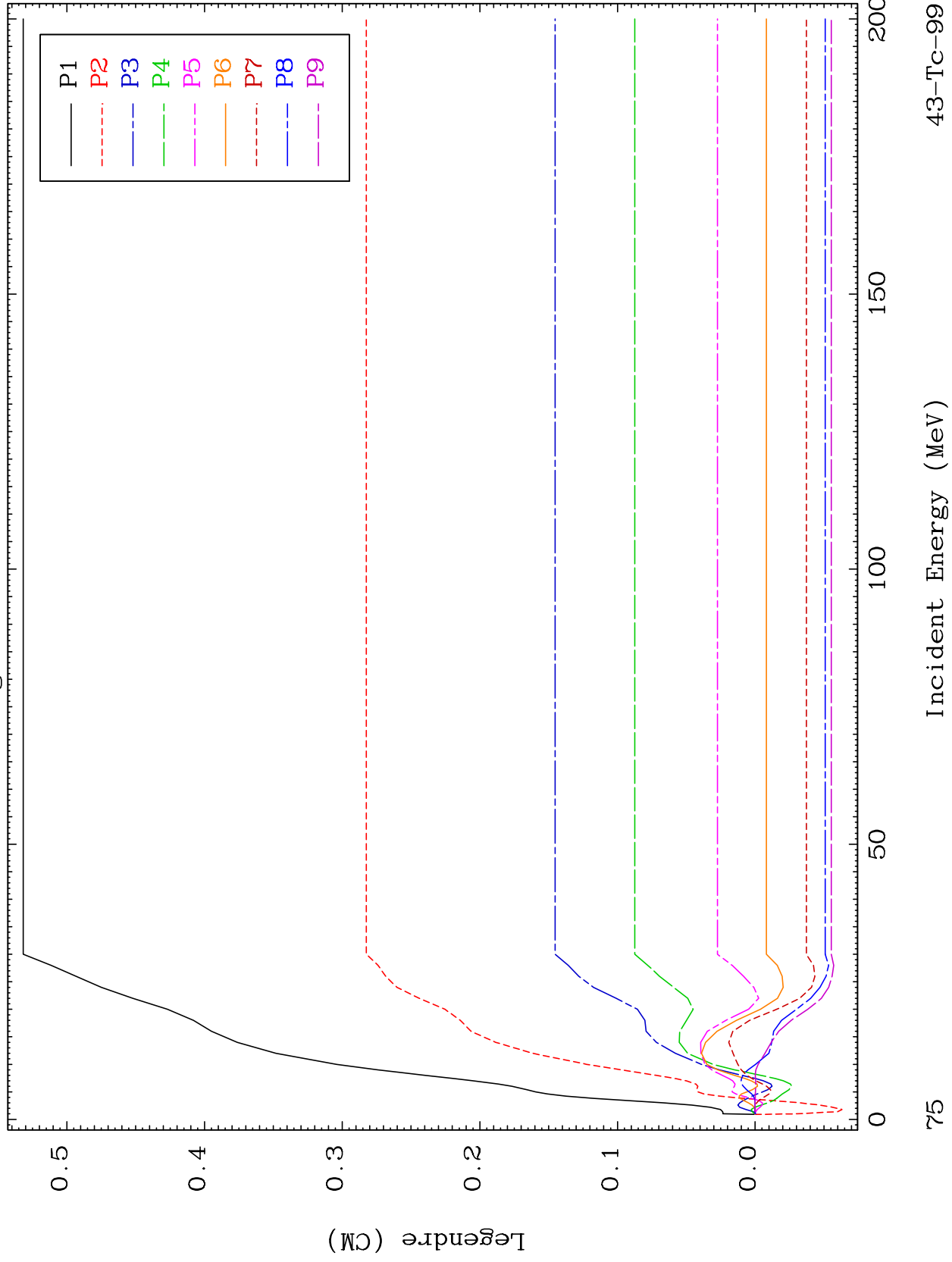
43-Tc-99



MAT 4325

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

43-Tc-99



43-Tc-99

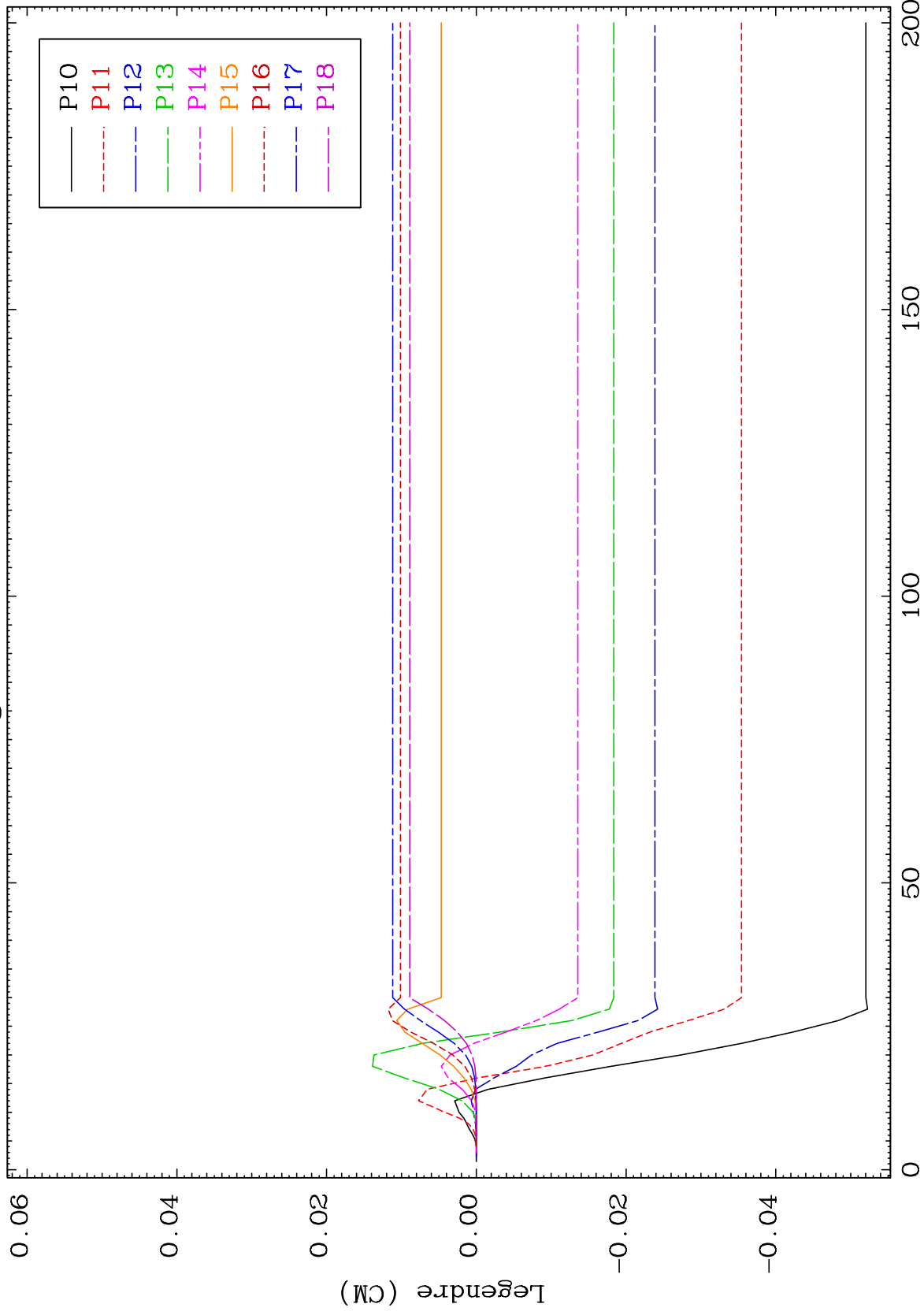
Incident Energy (MeV)

75

MAT 4325

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

43-Tc-99



76

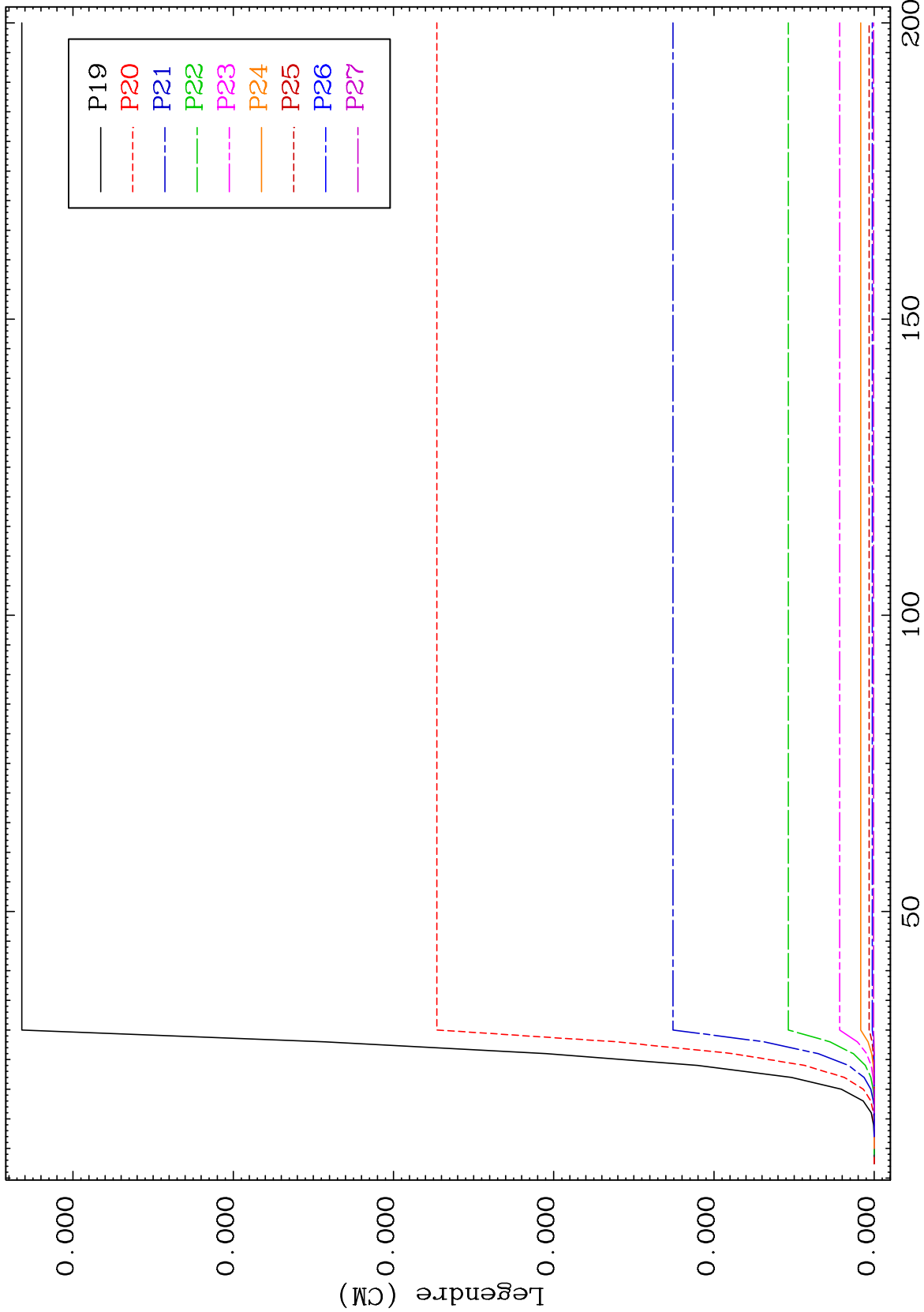
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



77

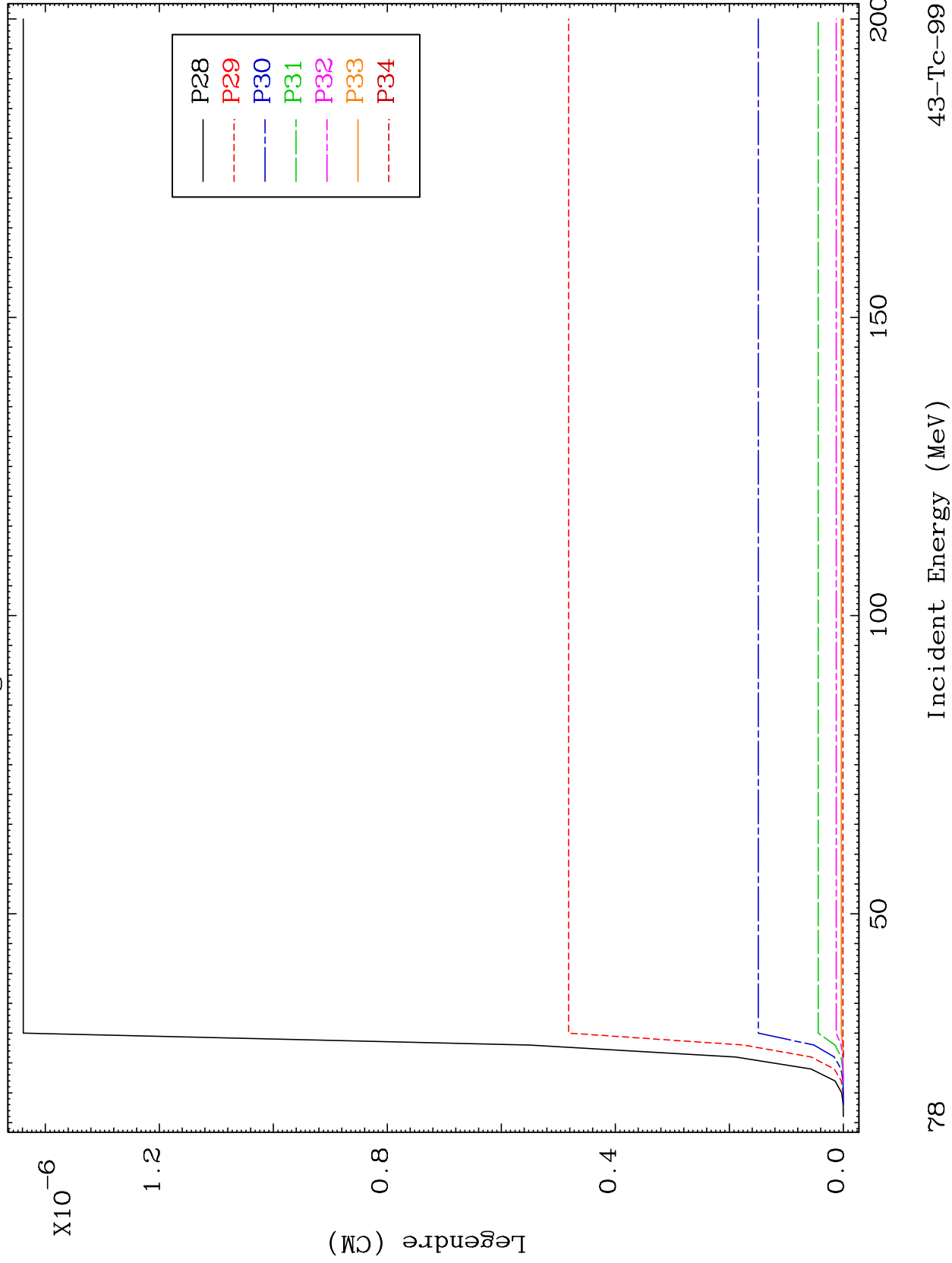
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



78

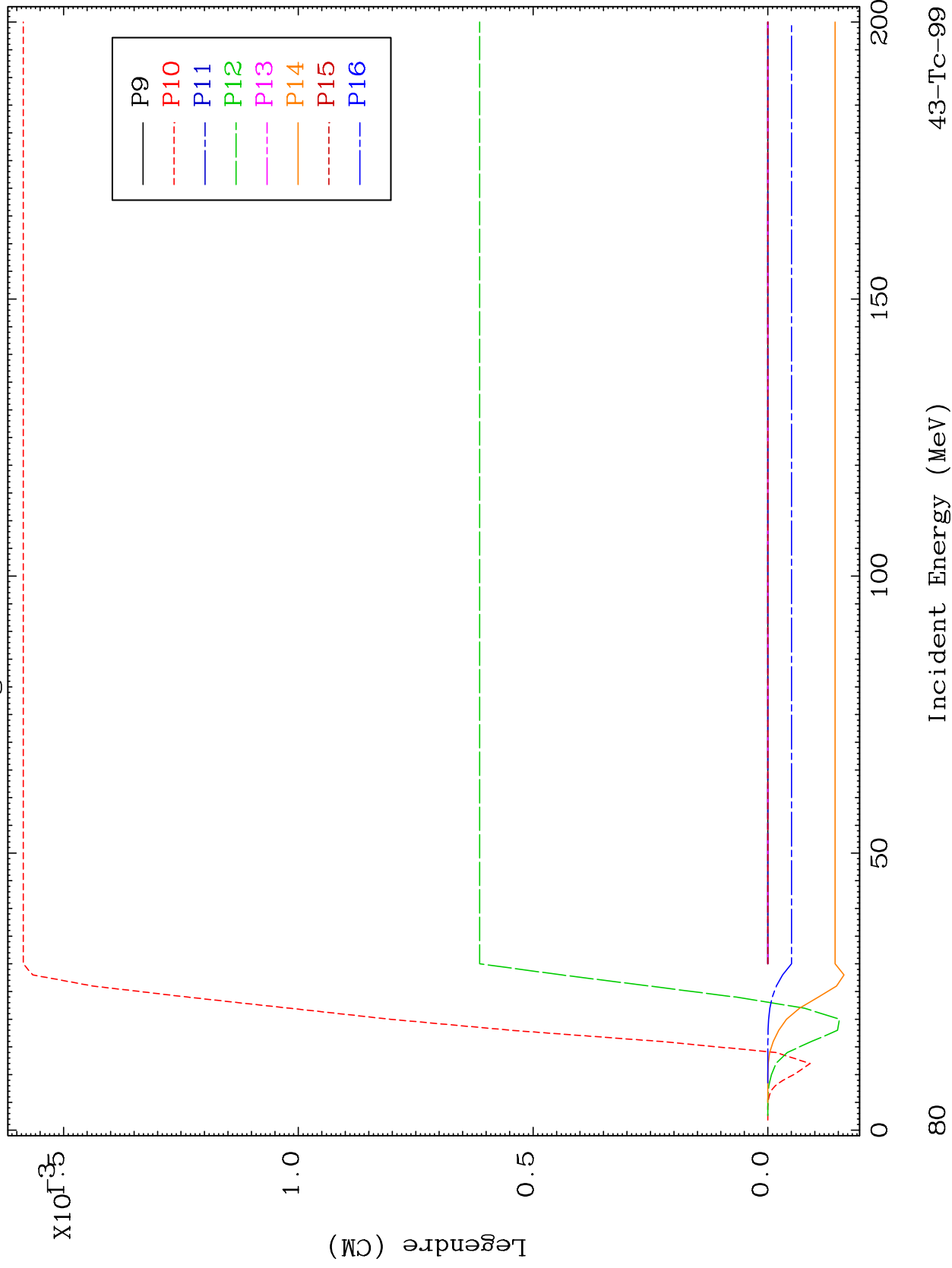
Incident Energy (MeV)

43-Tc-99

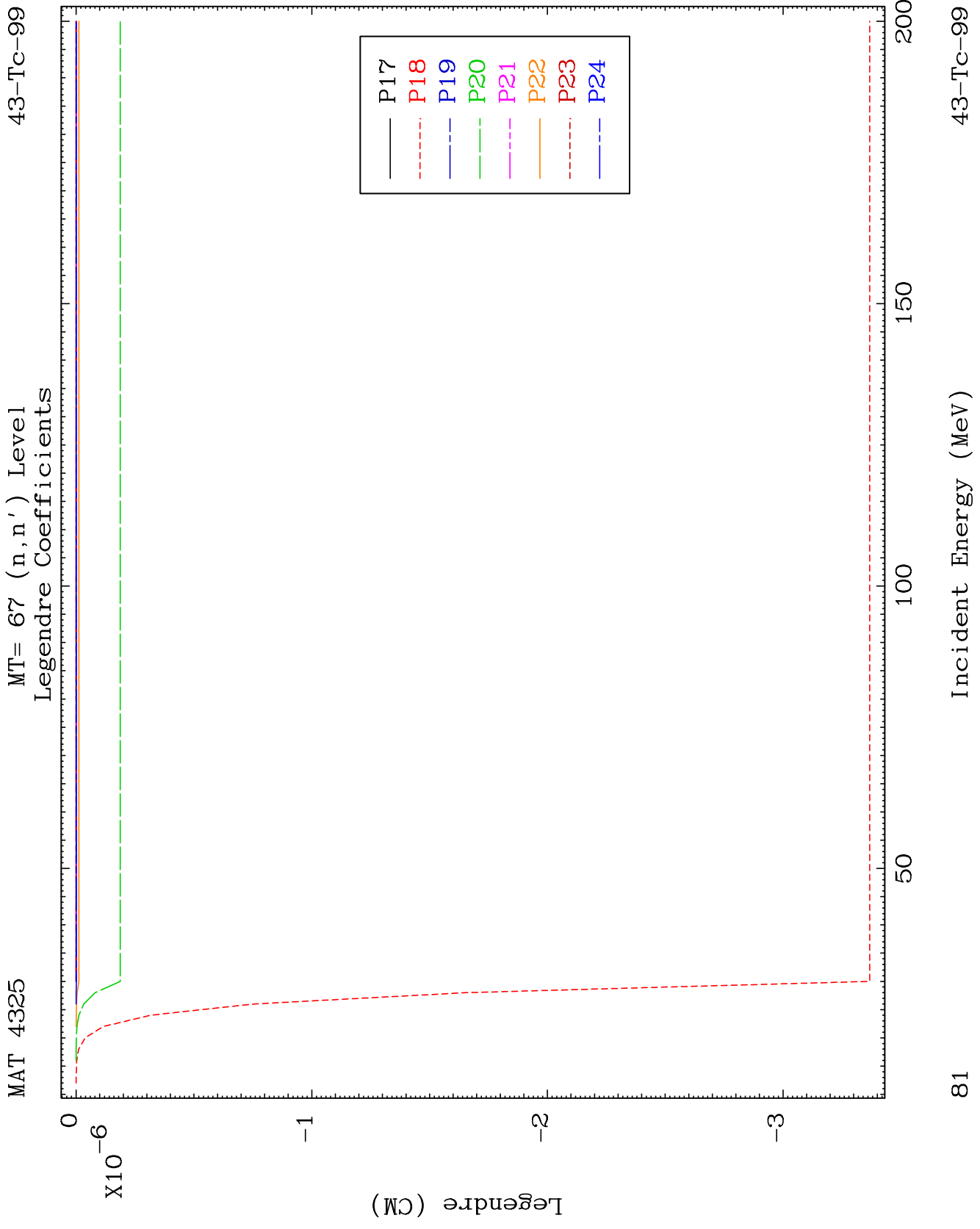
MAT 4325

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

43-Tc-99



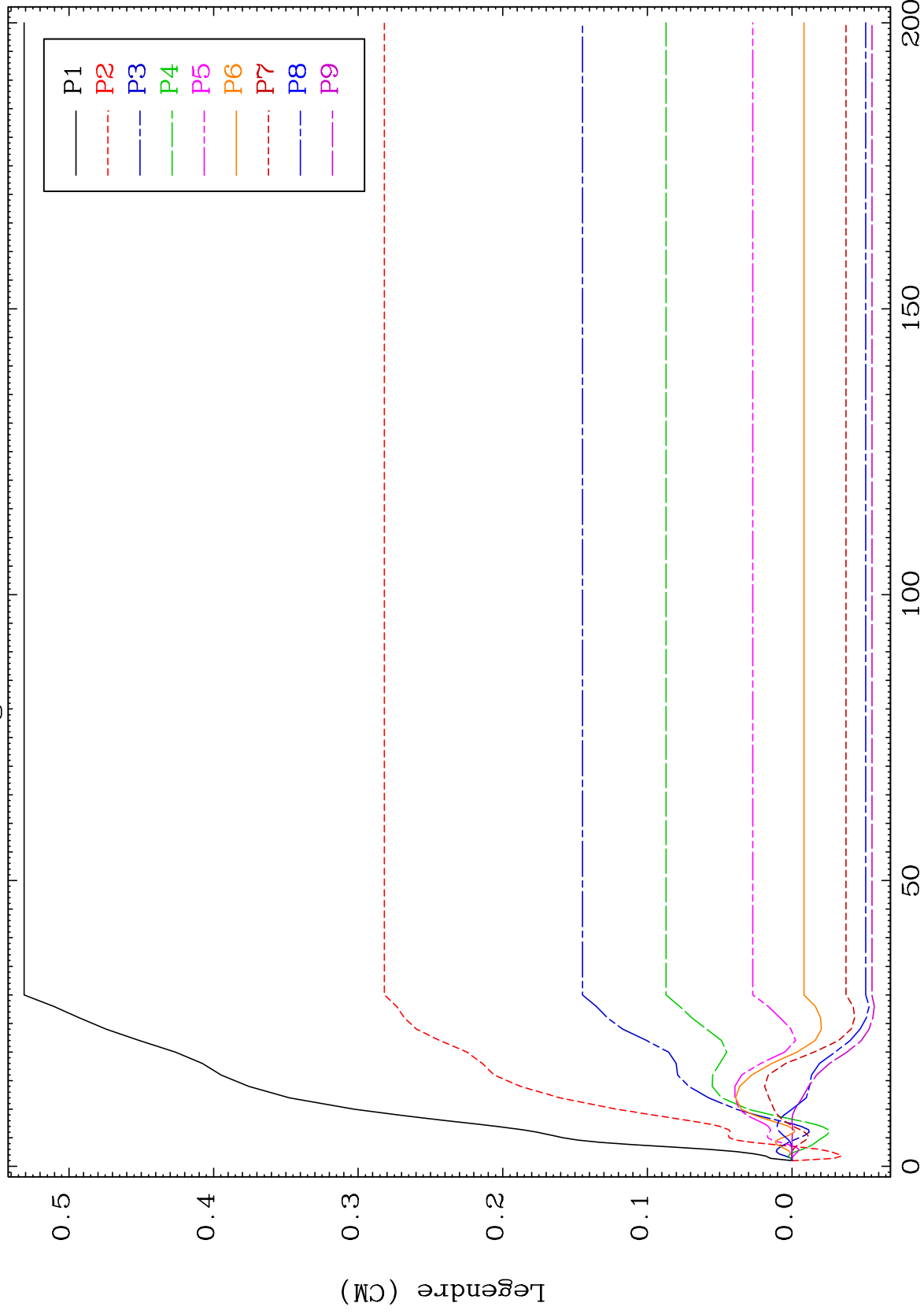
43-Tc-99



MAT 4325

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

43-Tc-99



82

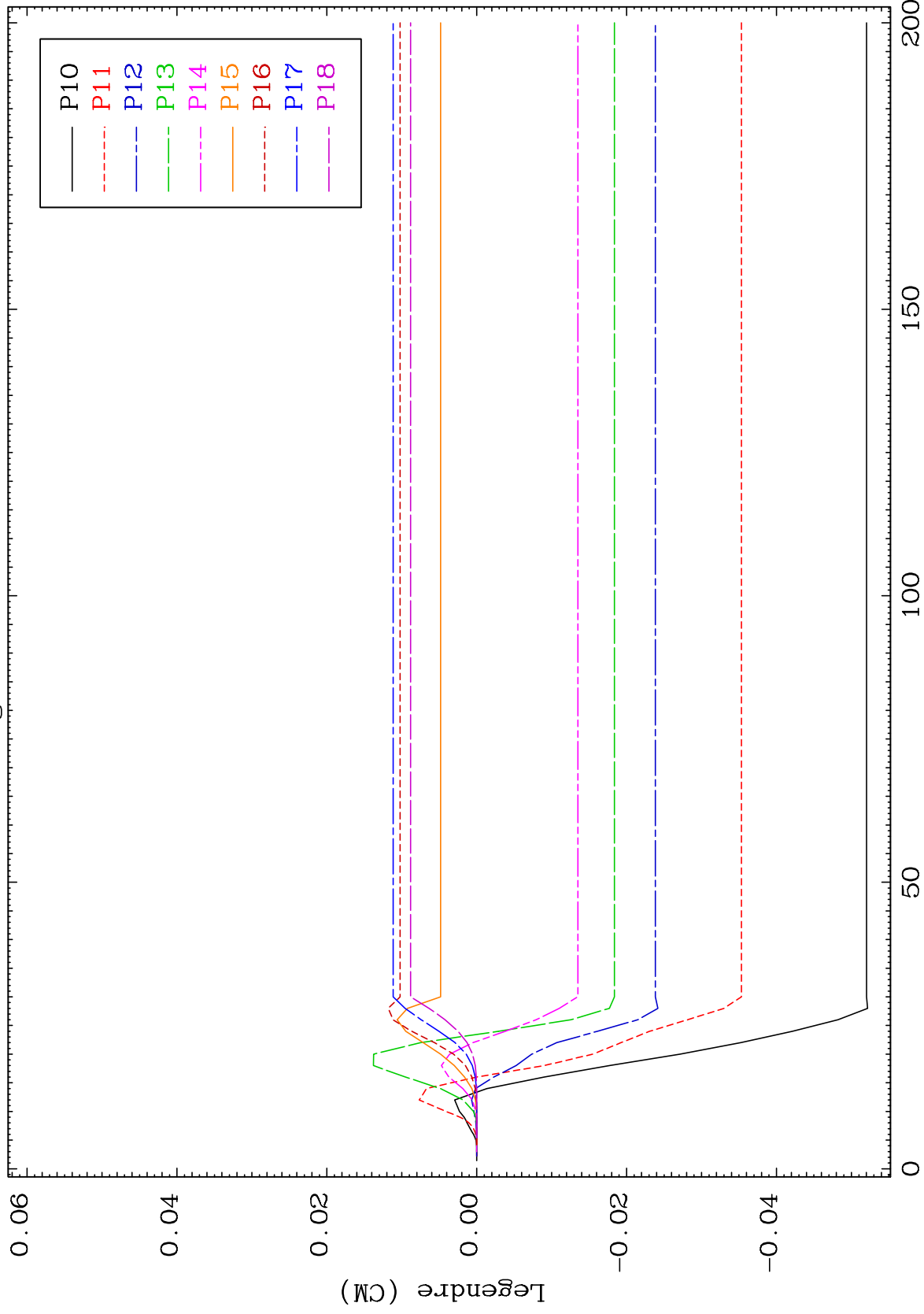
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



83

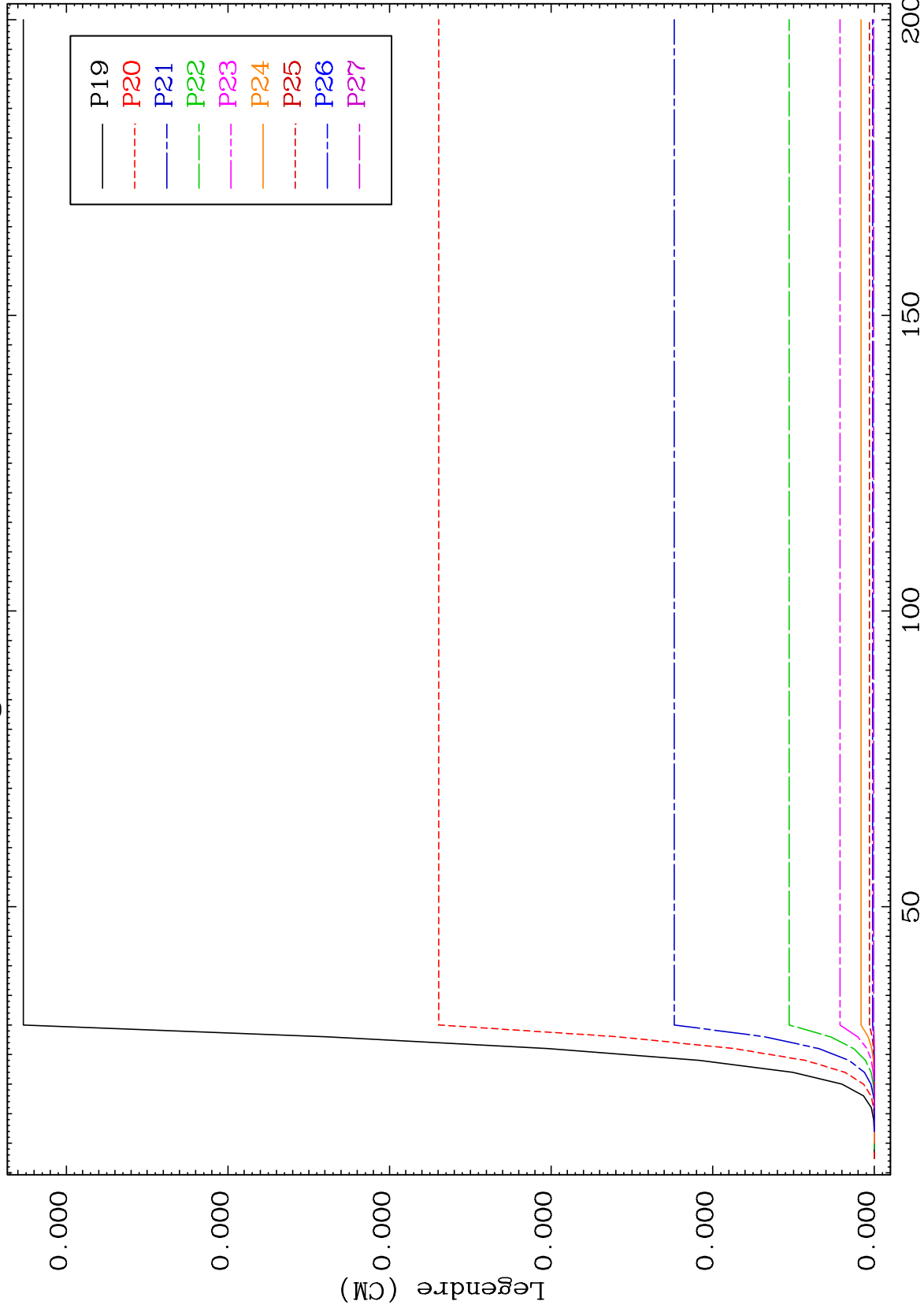
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



84

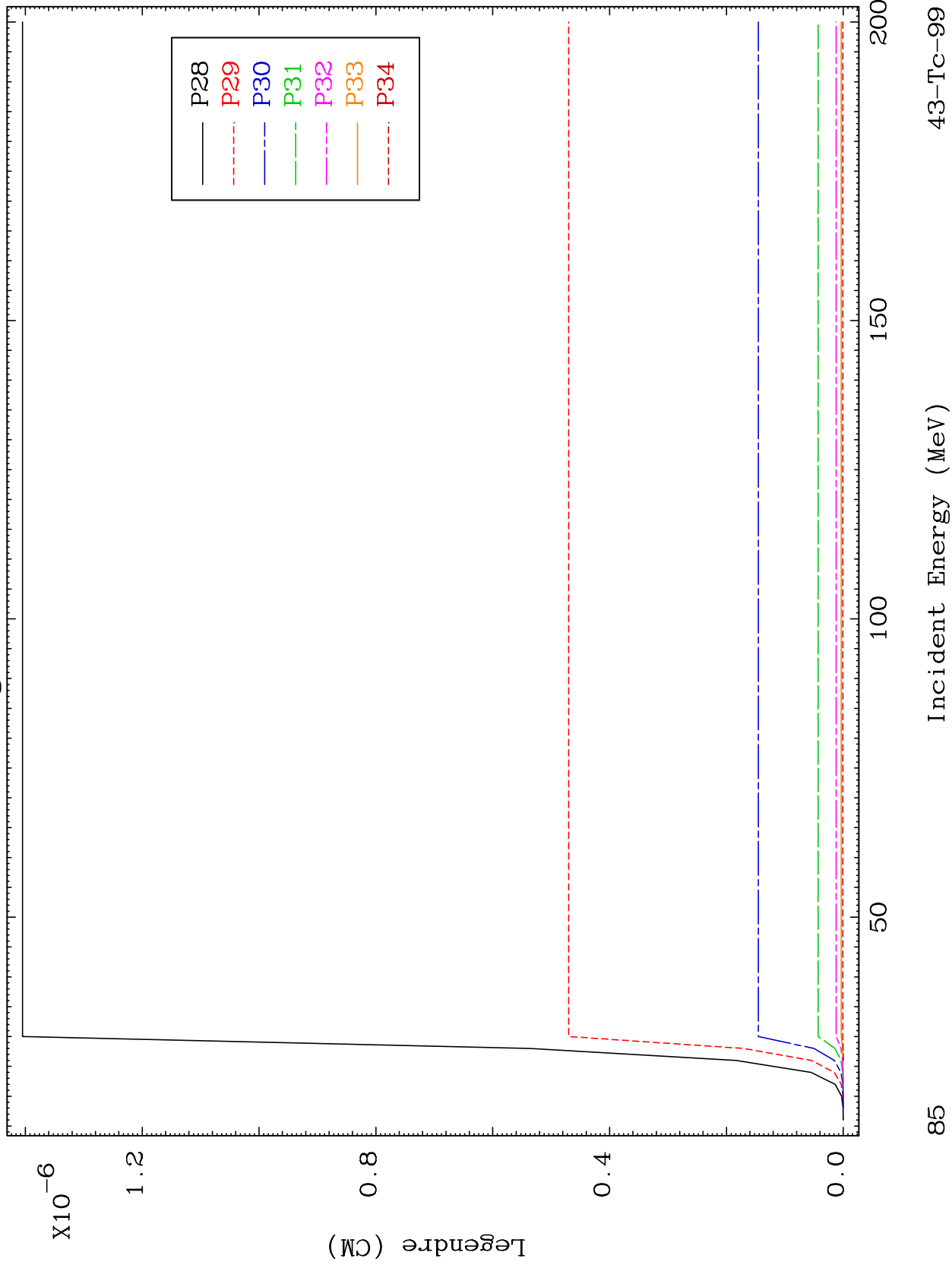
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

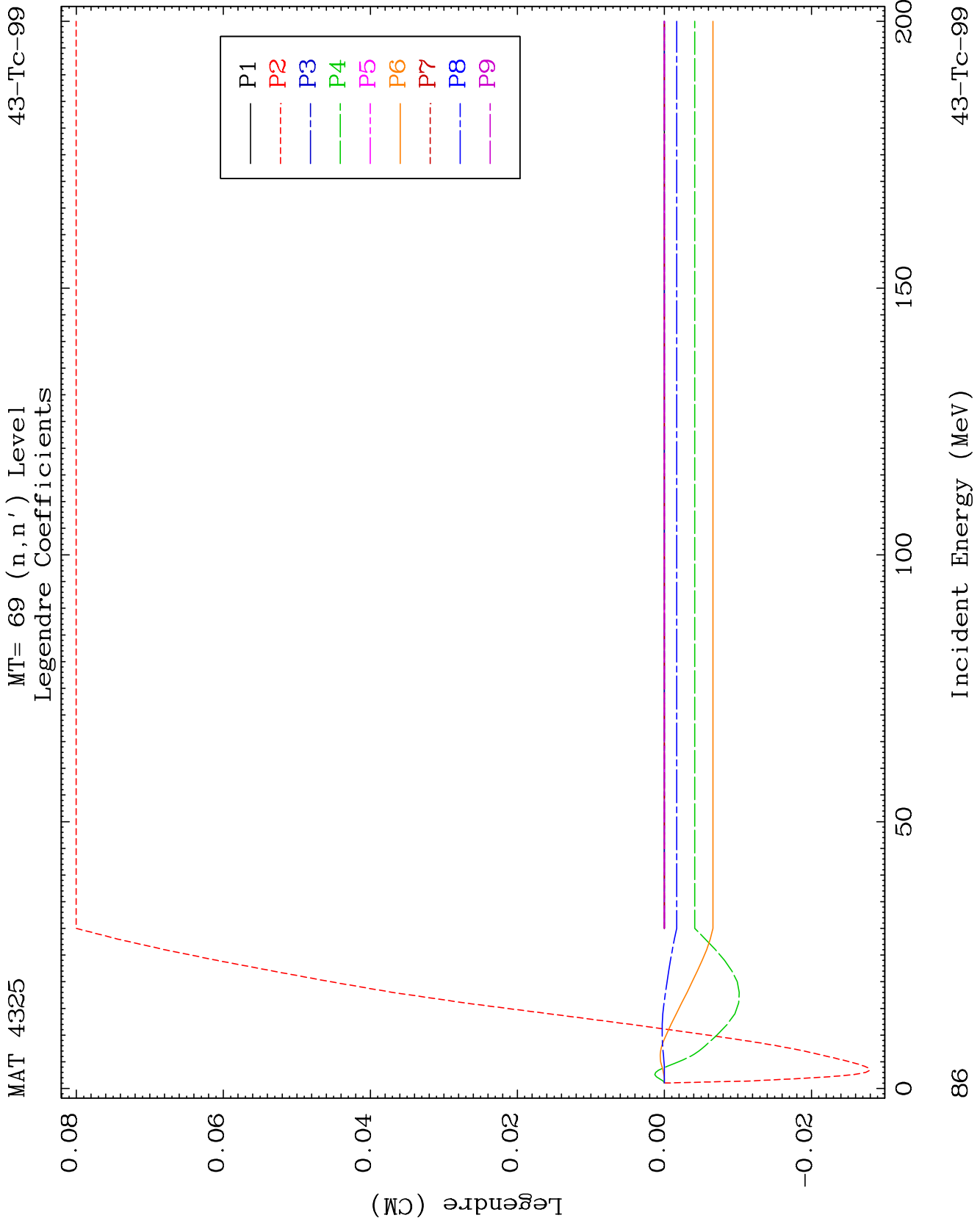
43-Tc-99



85

Incident Energy (MeV)

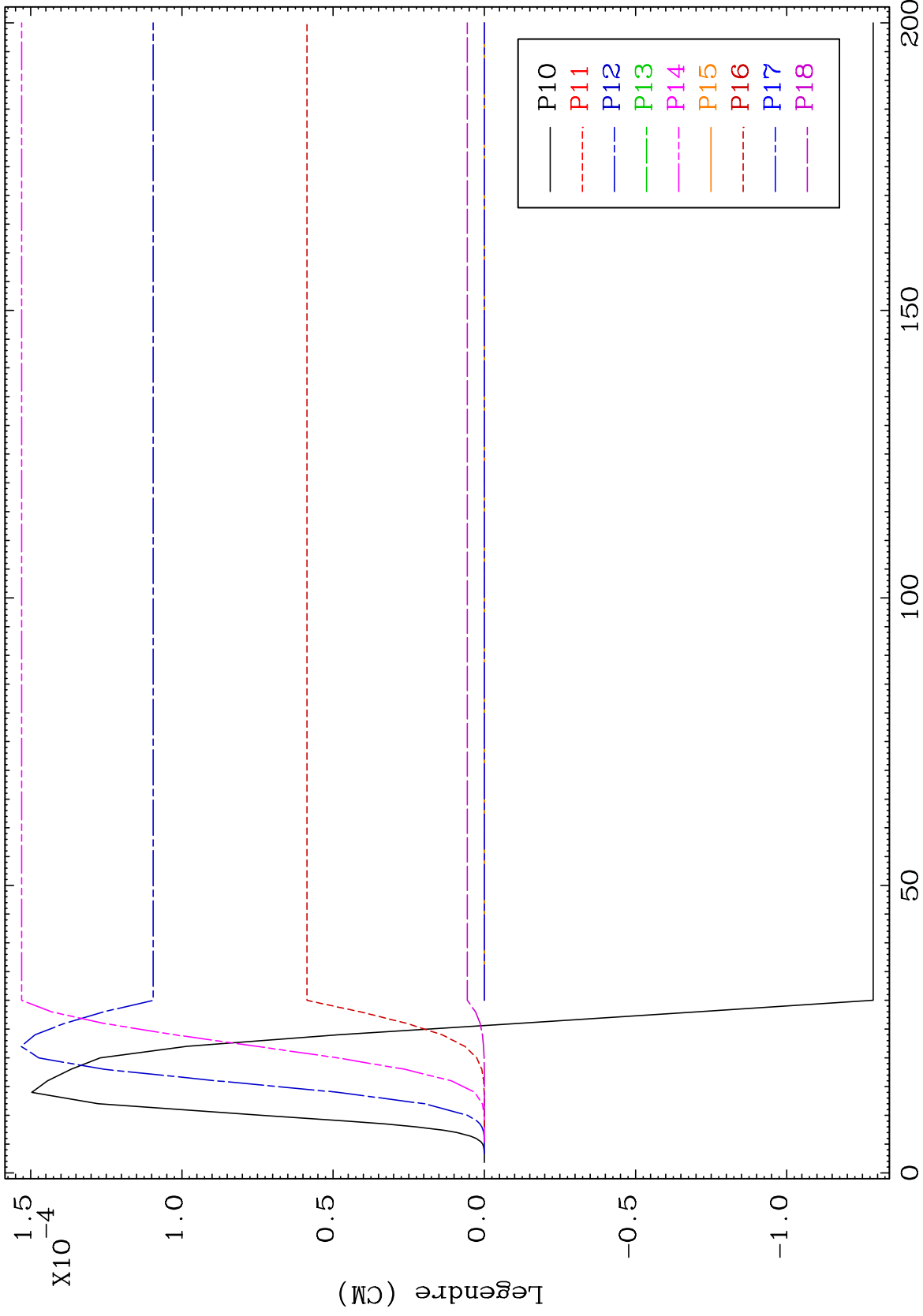
43-Tc-99



MAT 4325

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

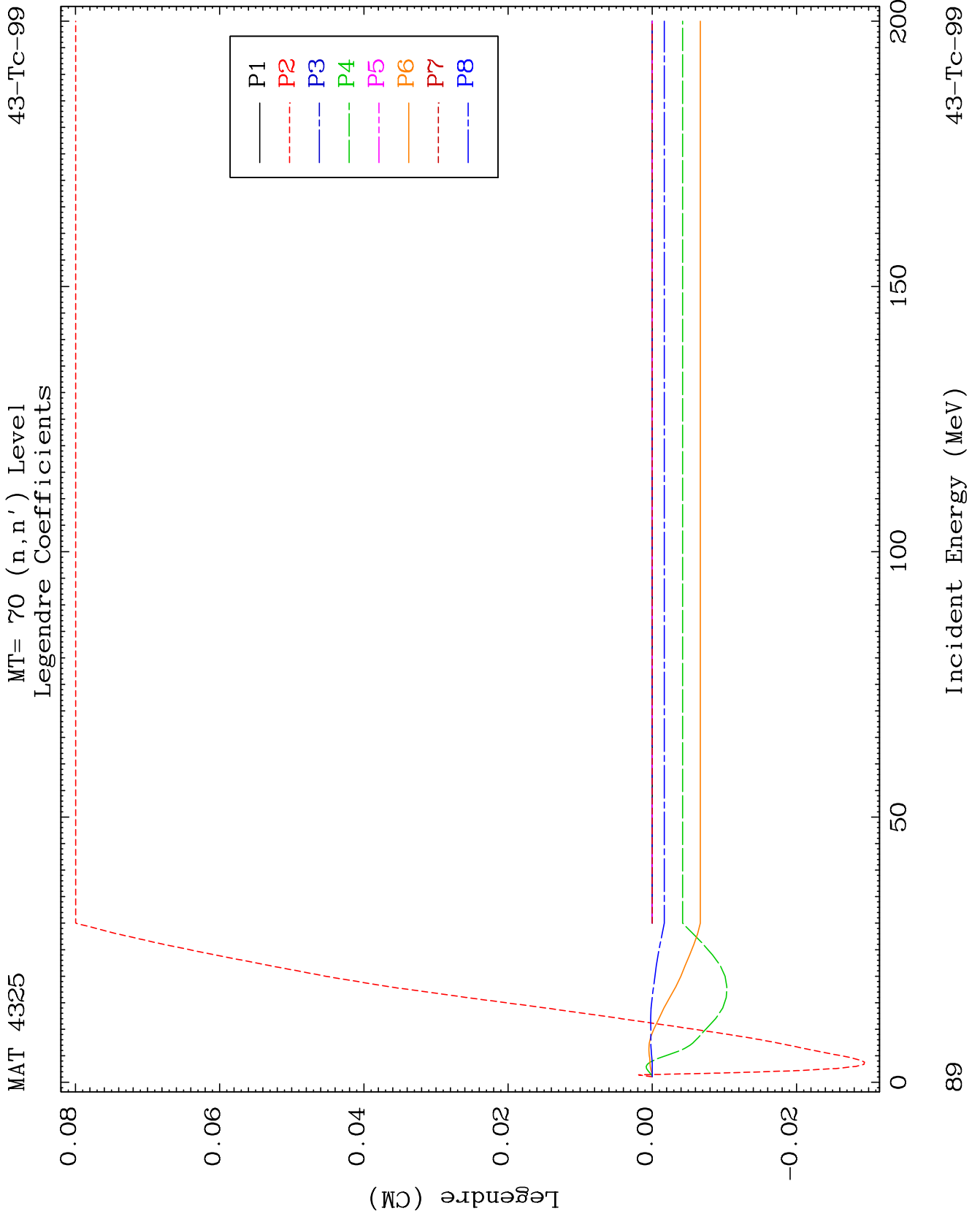
43-Tc-99



87

Incident Energy (MeV)

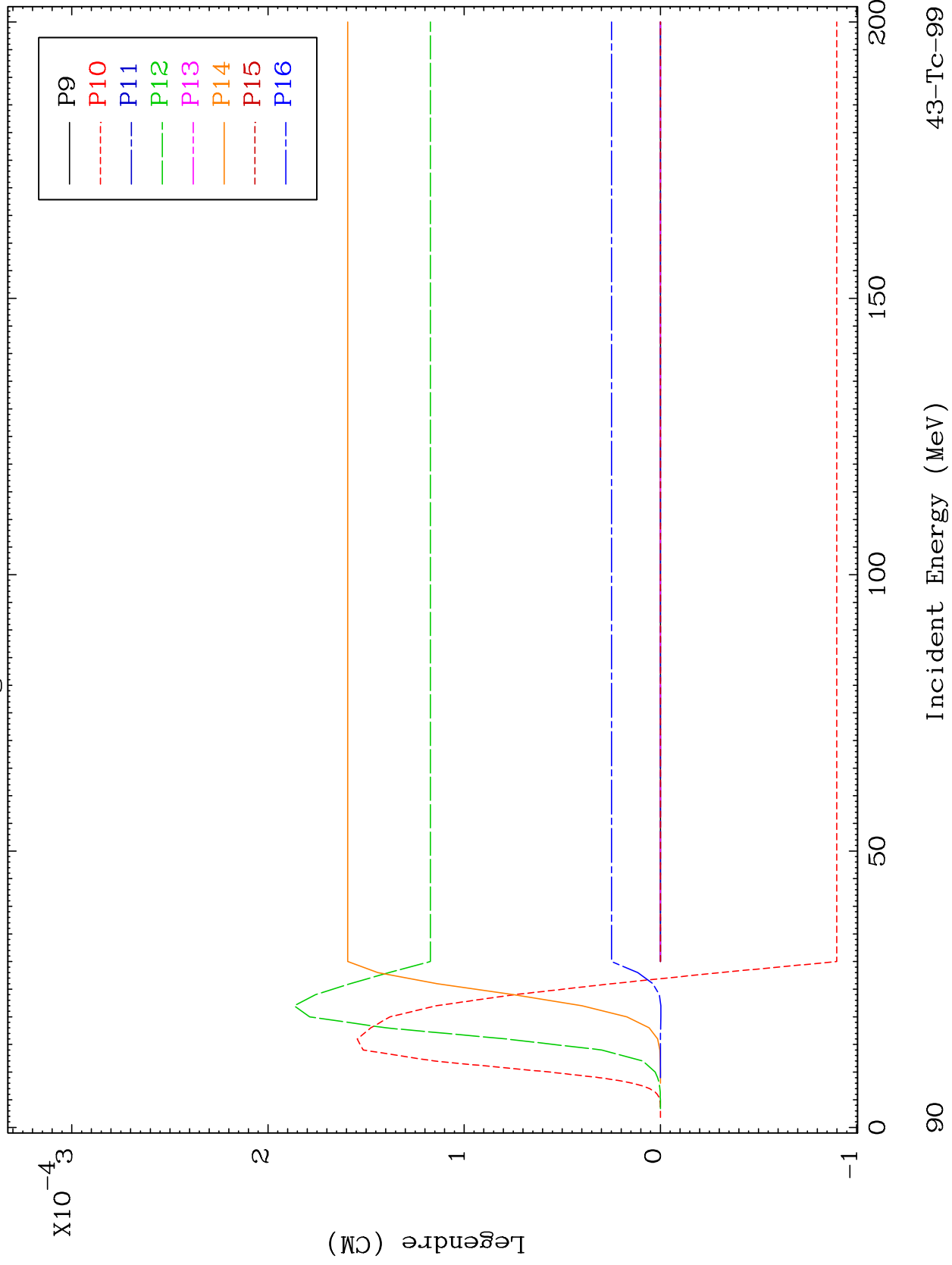
43-Tc-99



MAT 4325

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

43-Tc-99

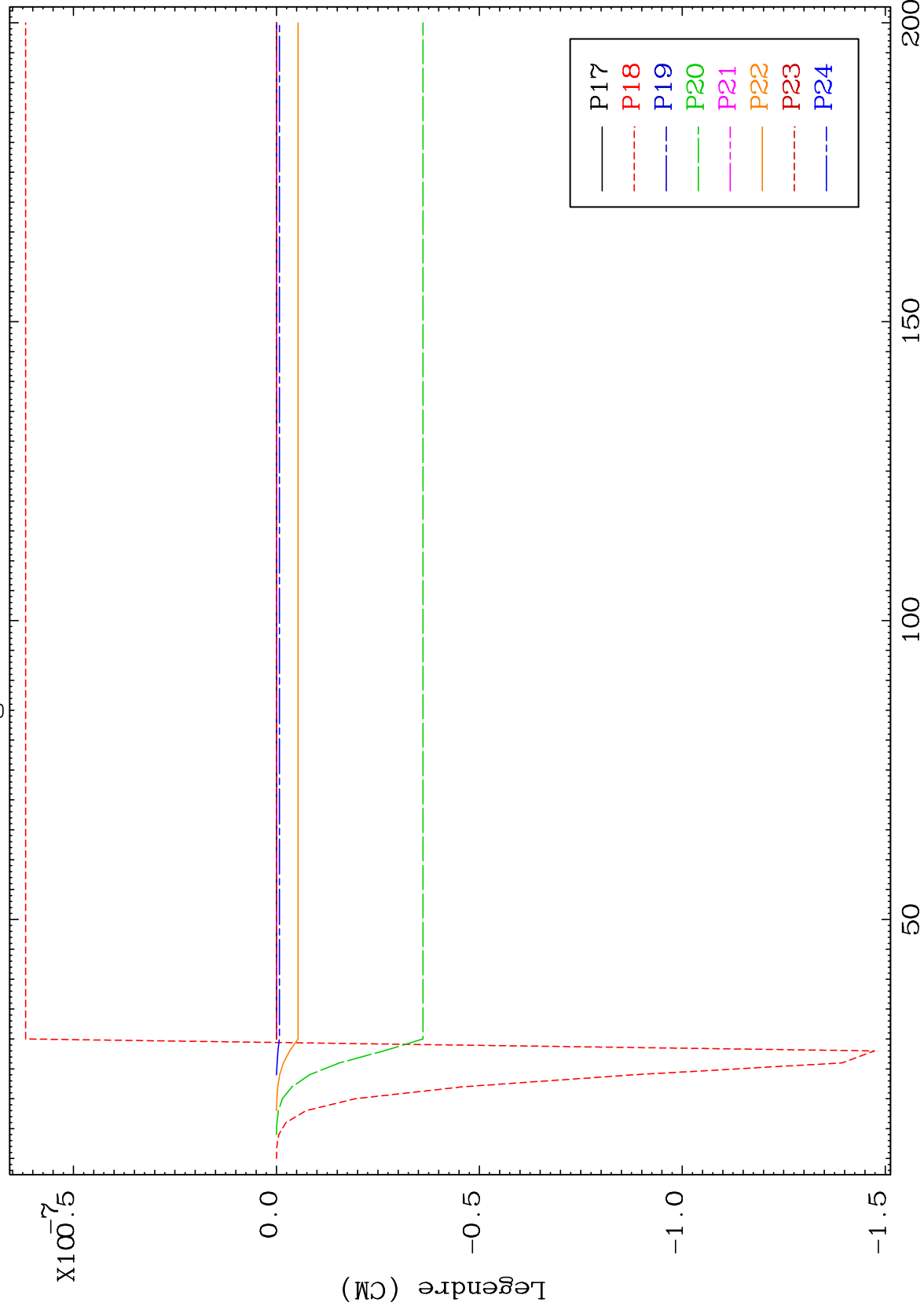


43-Tc-99

MAT 4325

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

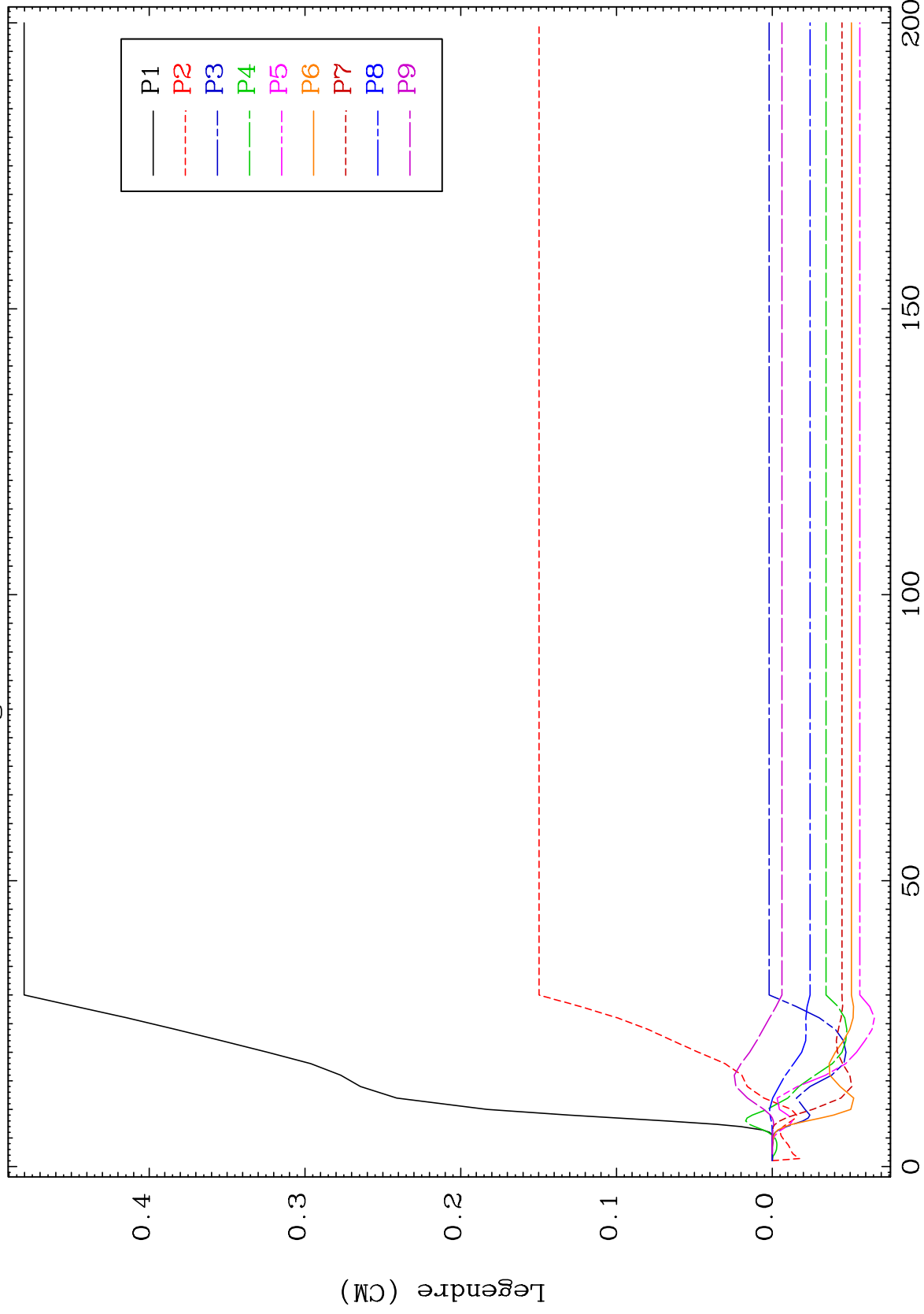
43-Tc-99



MAT 4325

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

43-Tc-99



92

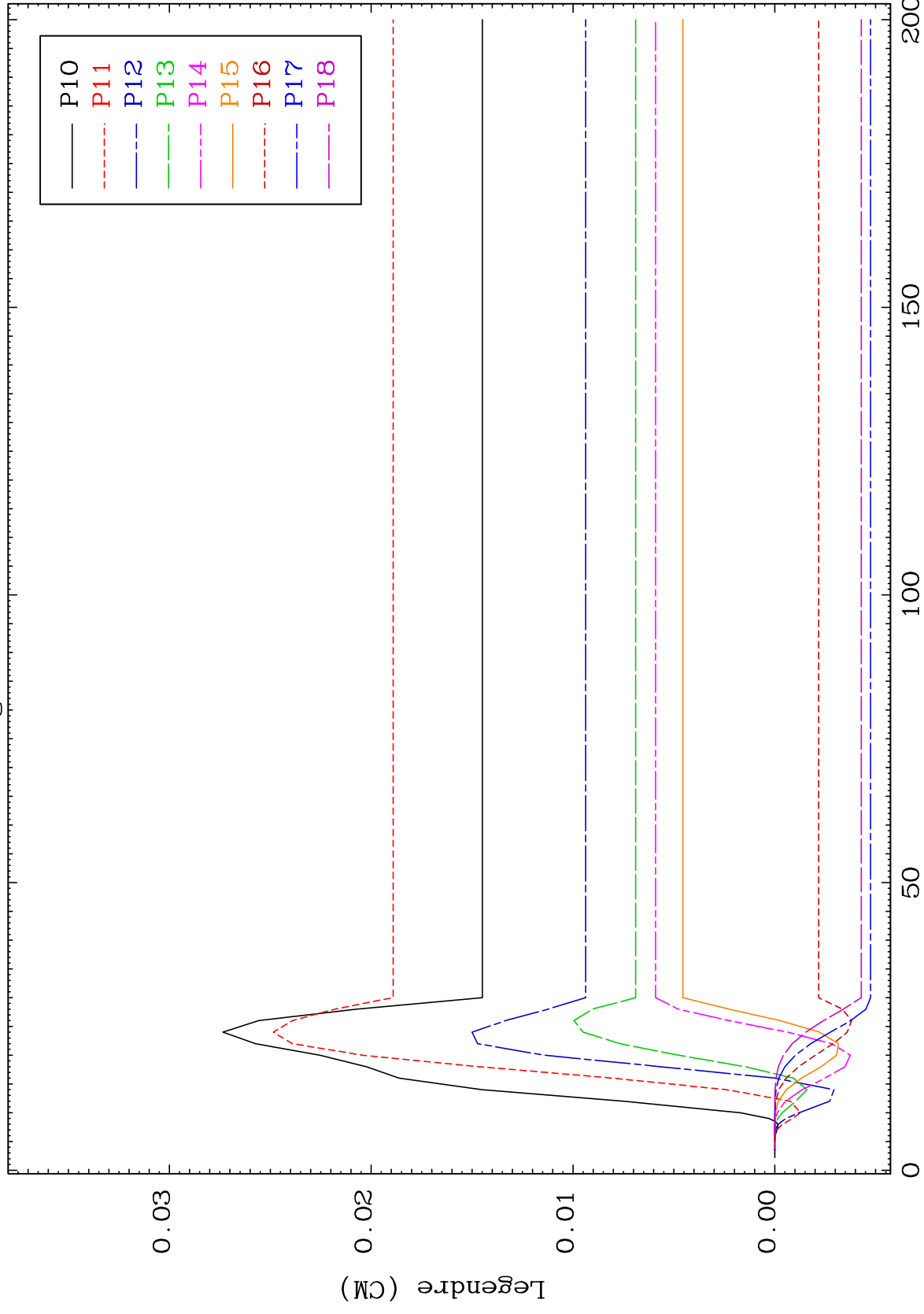
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

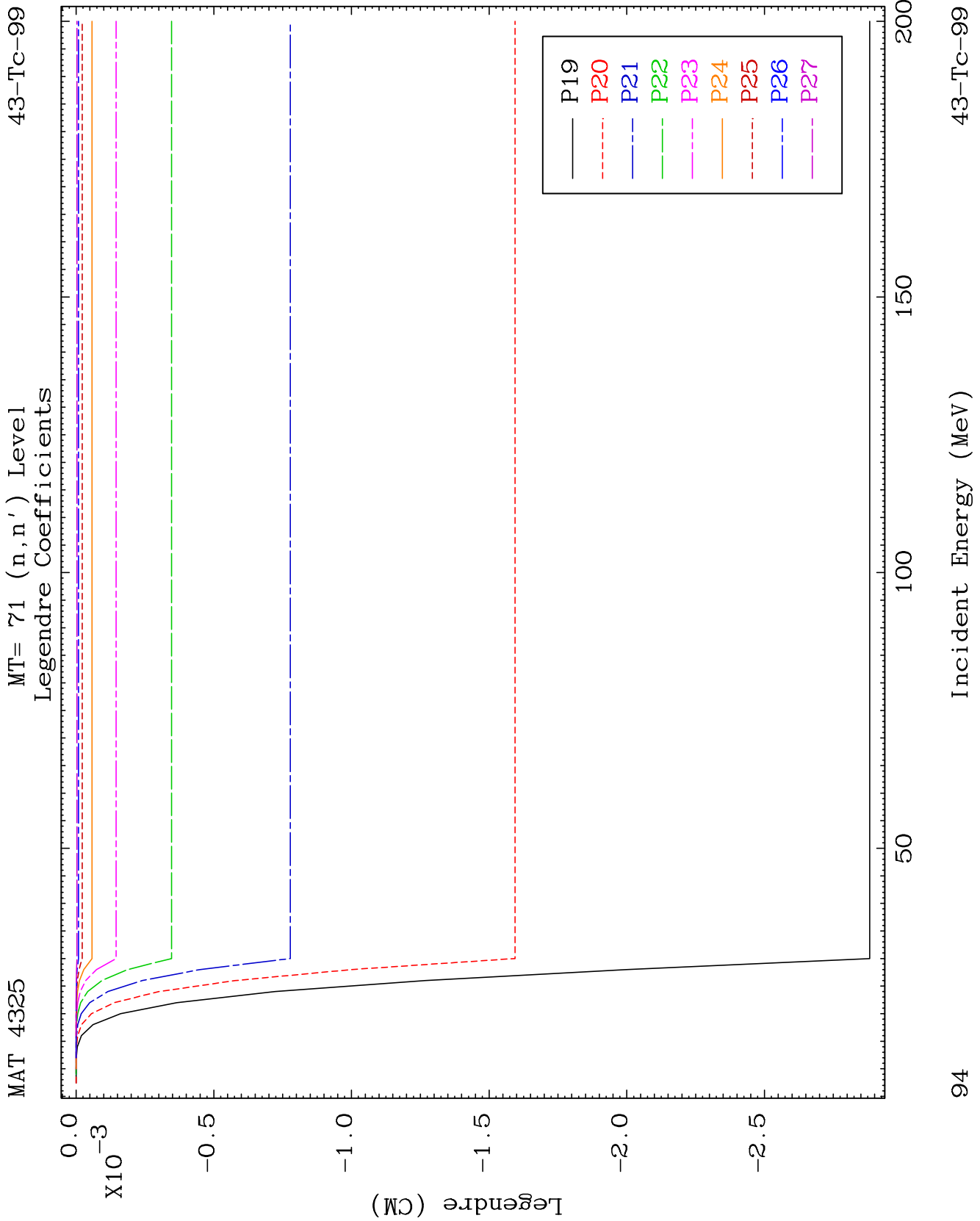
43-Tc-99

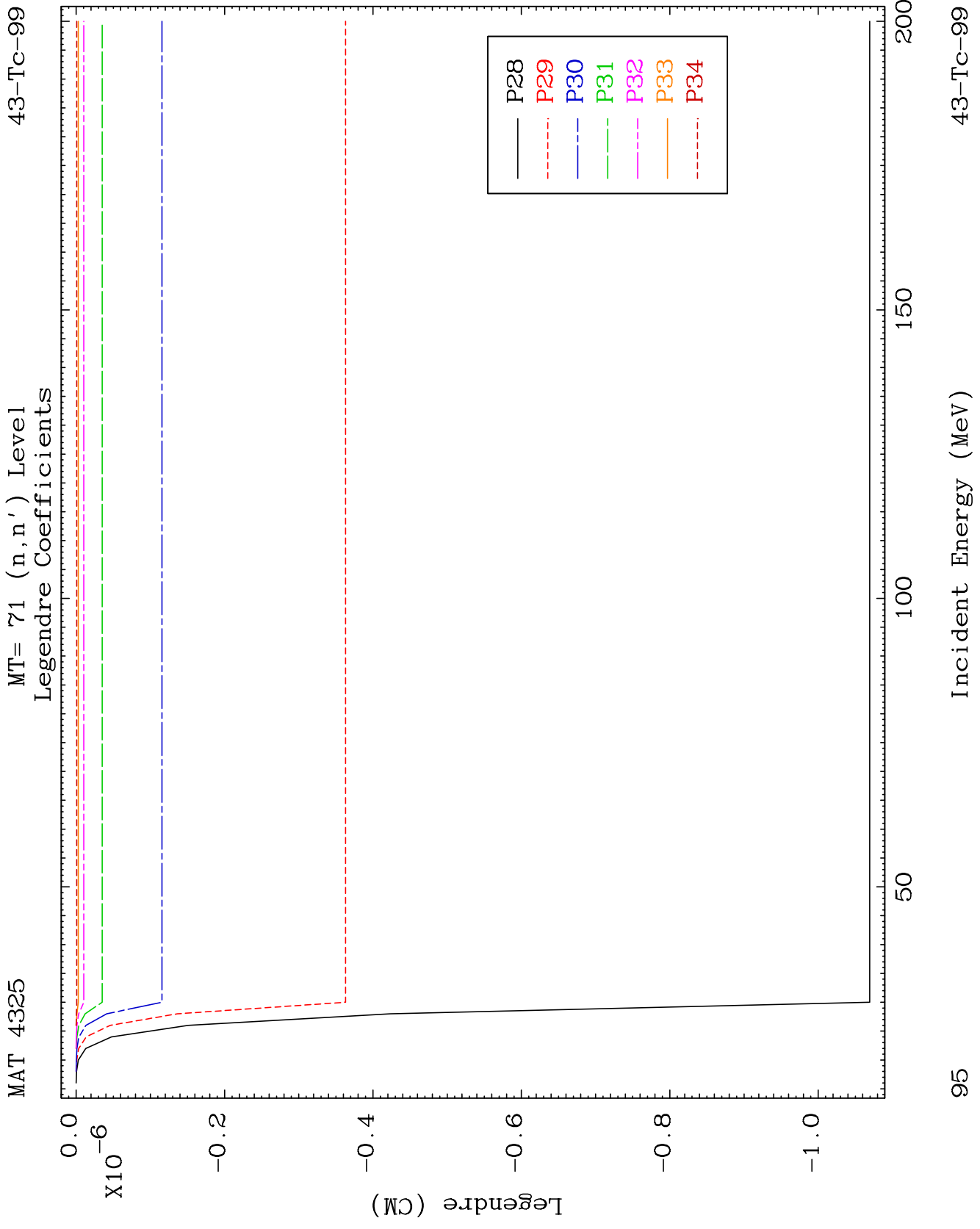


93

Incident Energy (MeV)

43-Tc-99

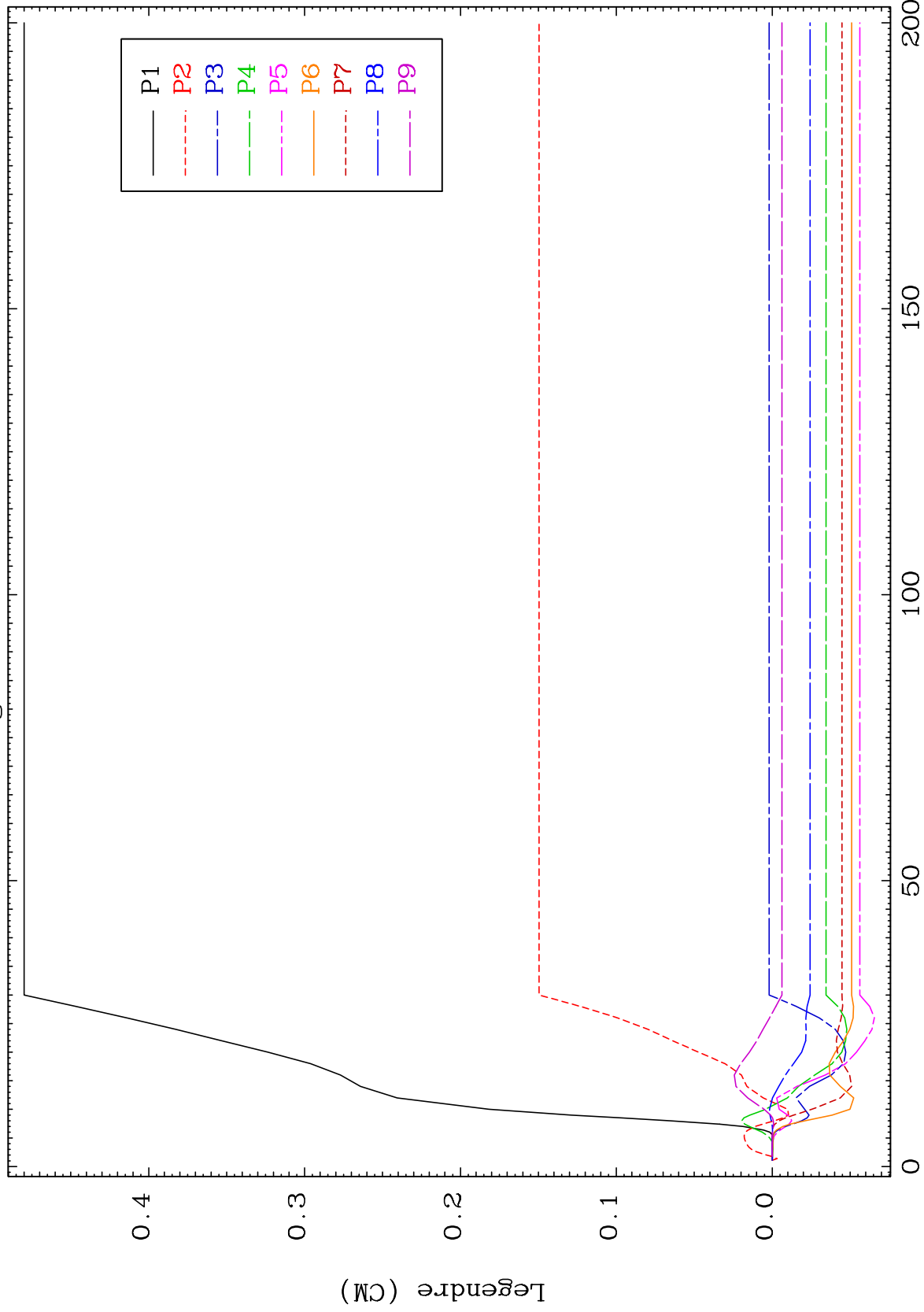




MAT 4325

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

43-Tc-99



96

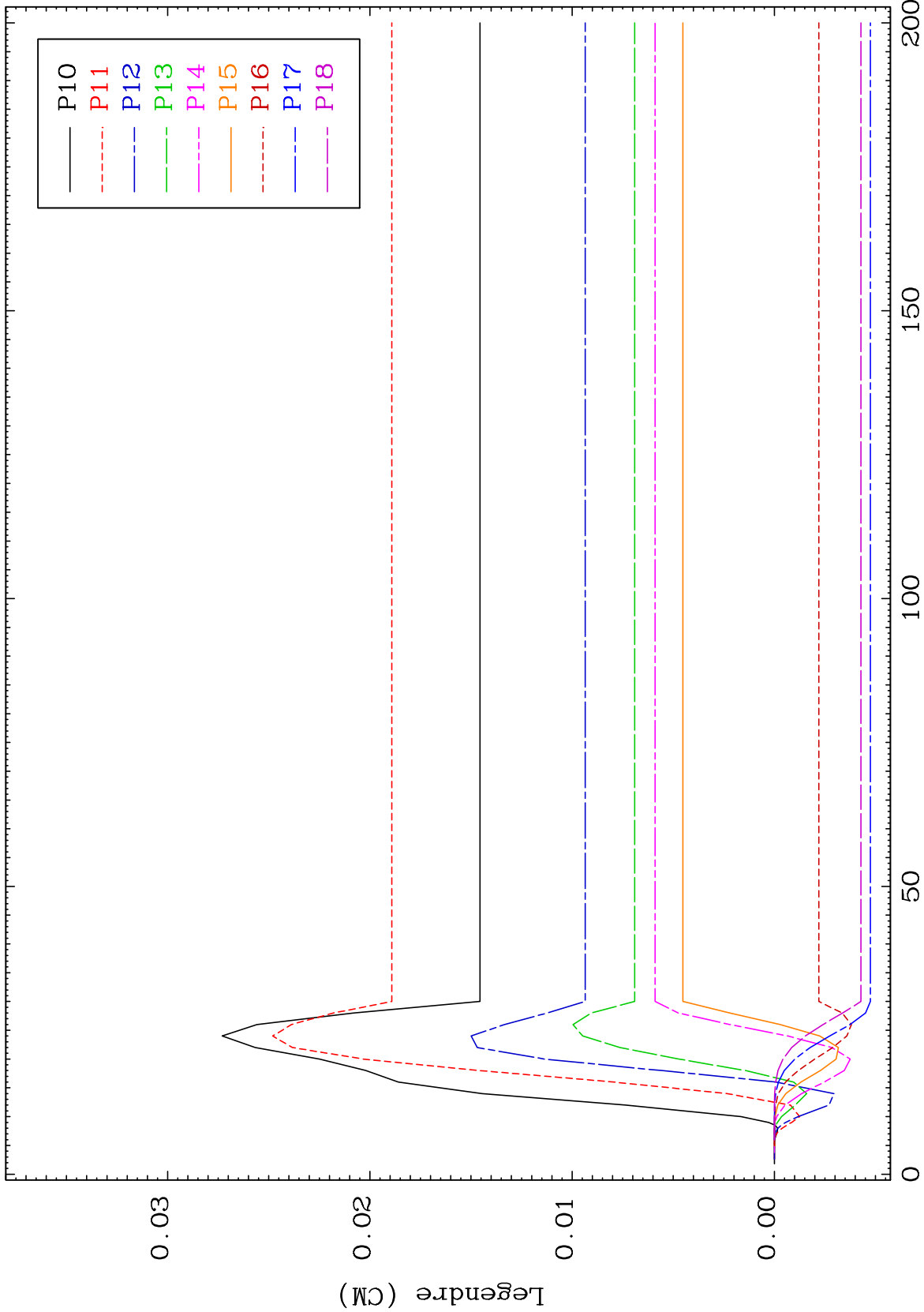
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

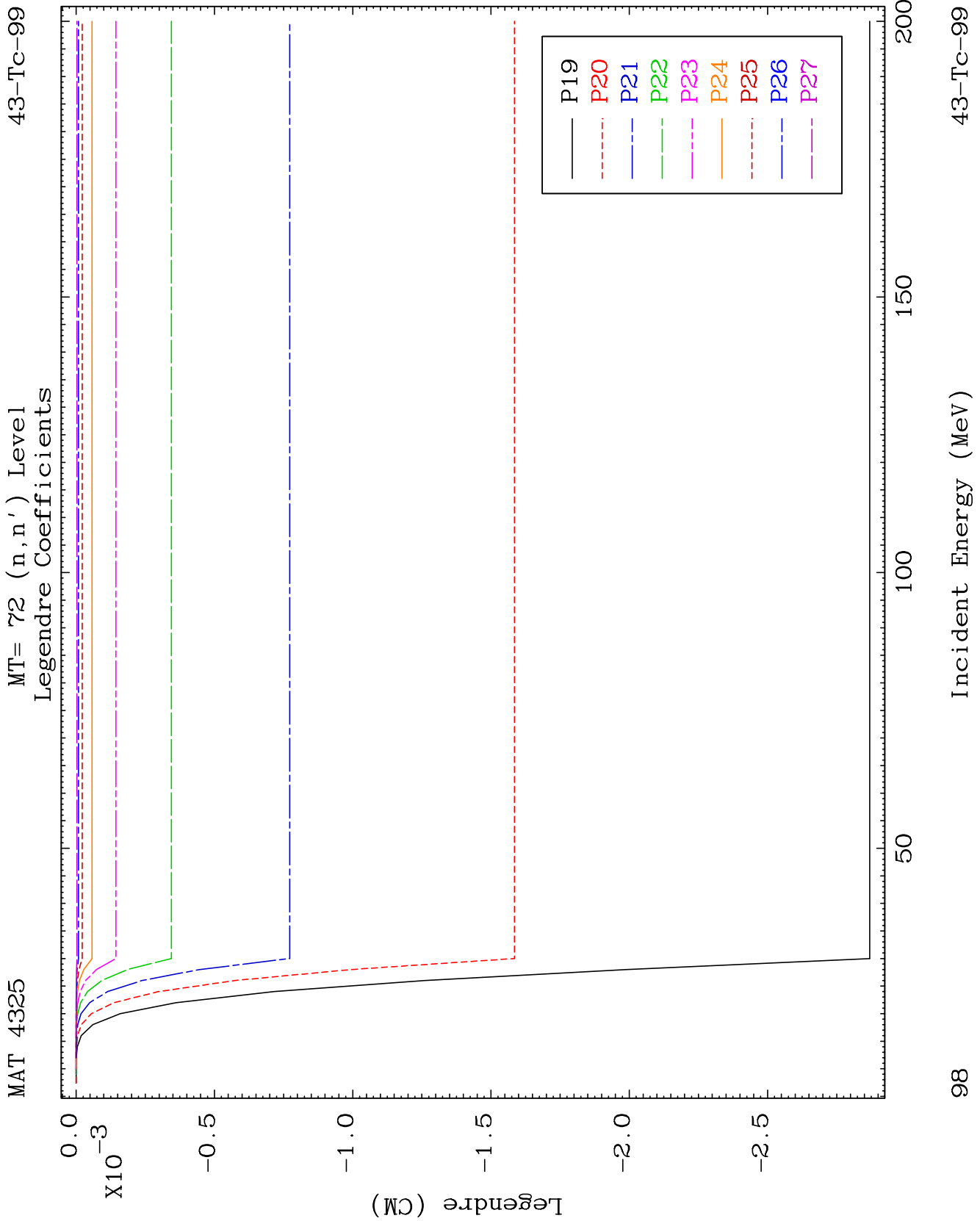
43-Tc-99

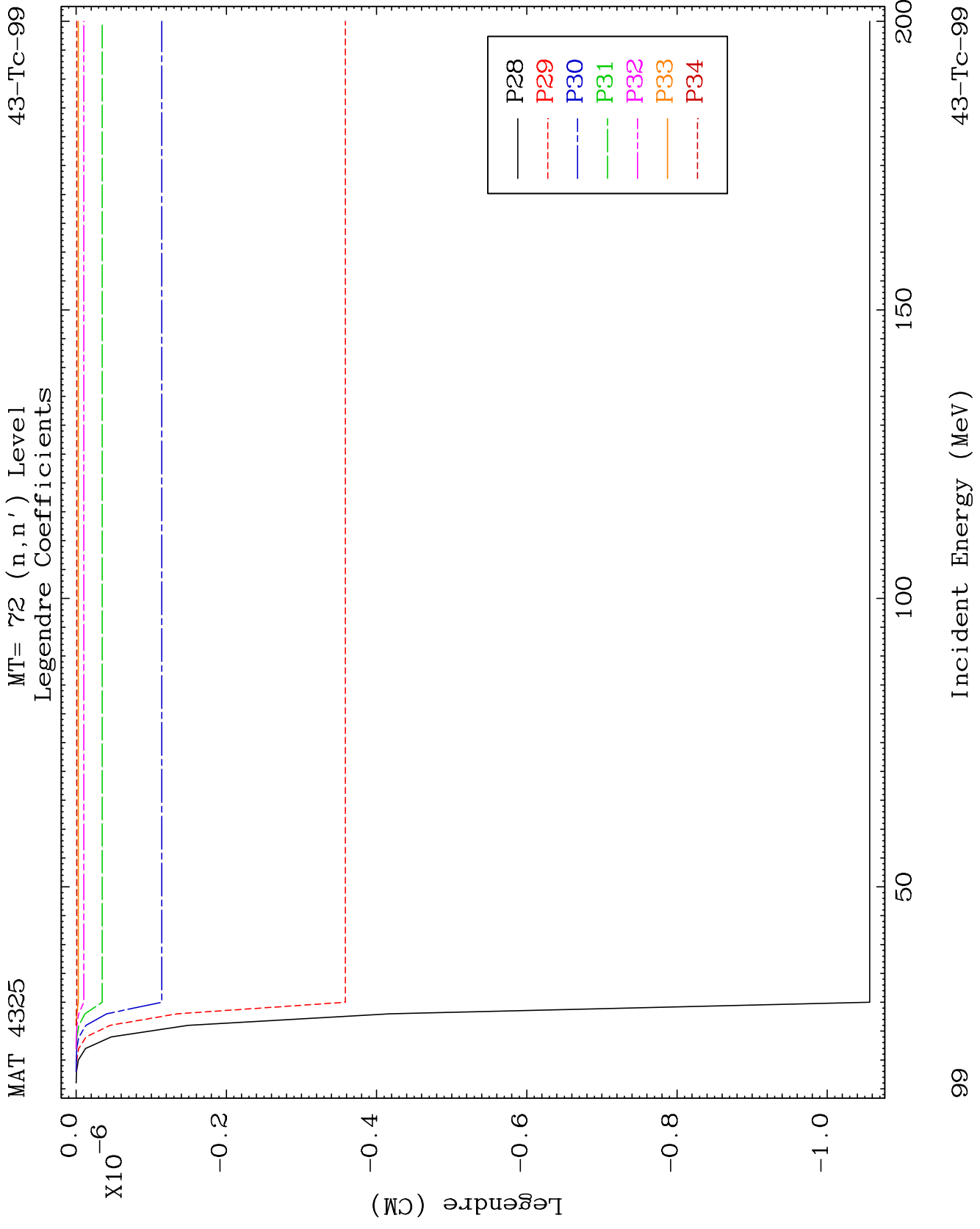


97

Incident Energy (MeV)

43-Tc-99

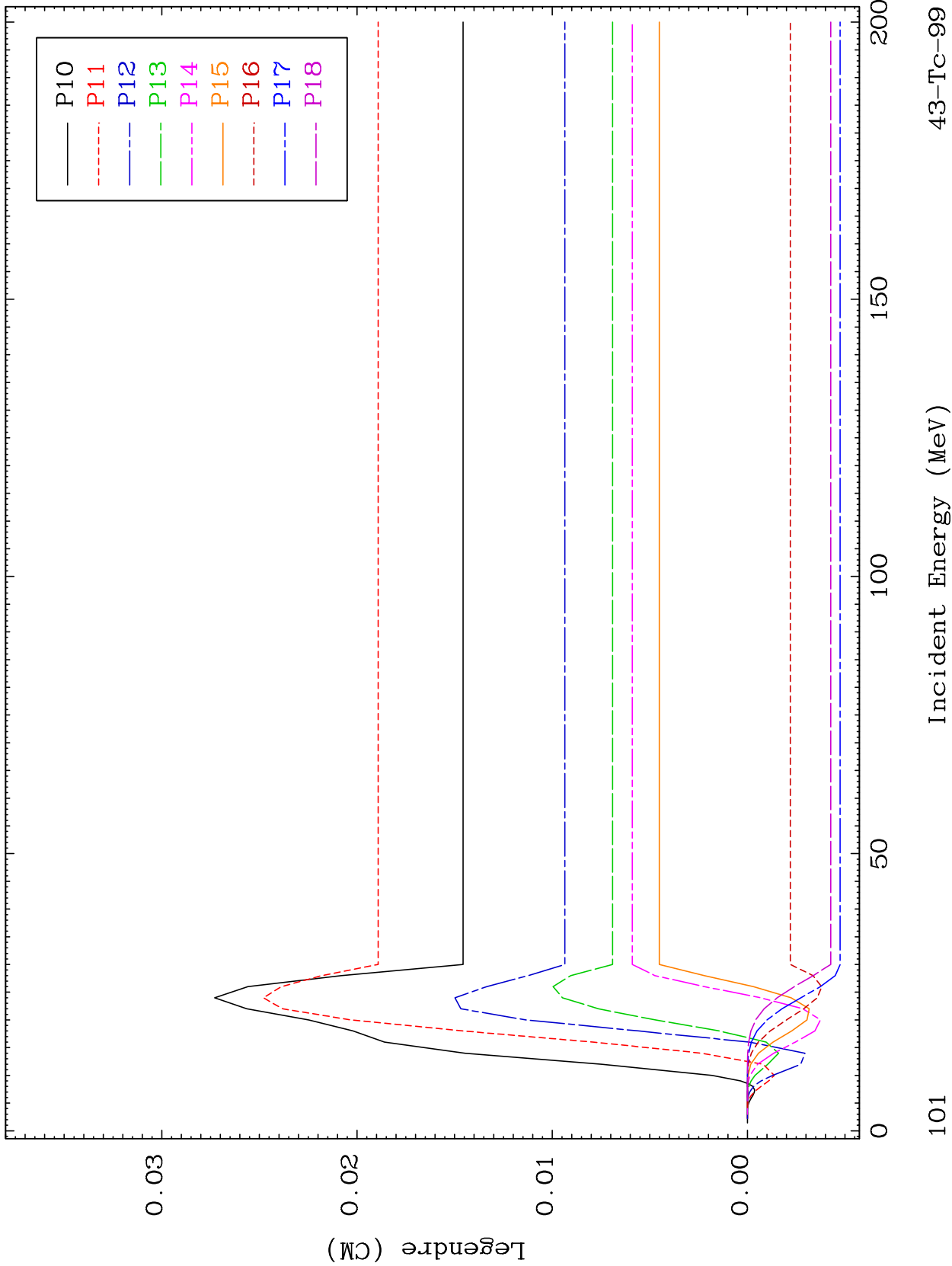




MAT 4325

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

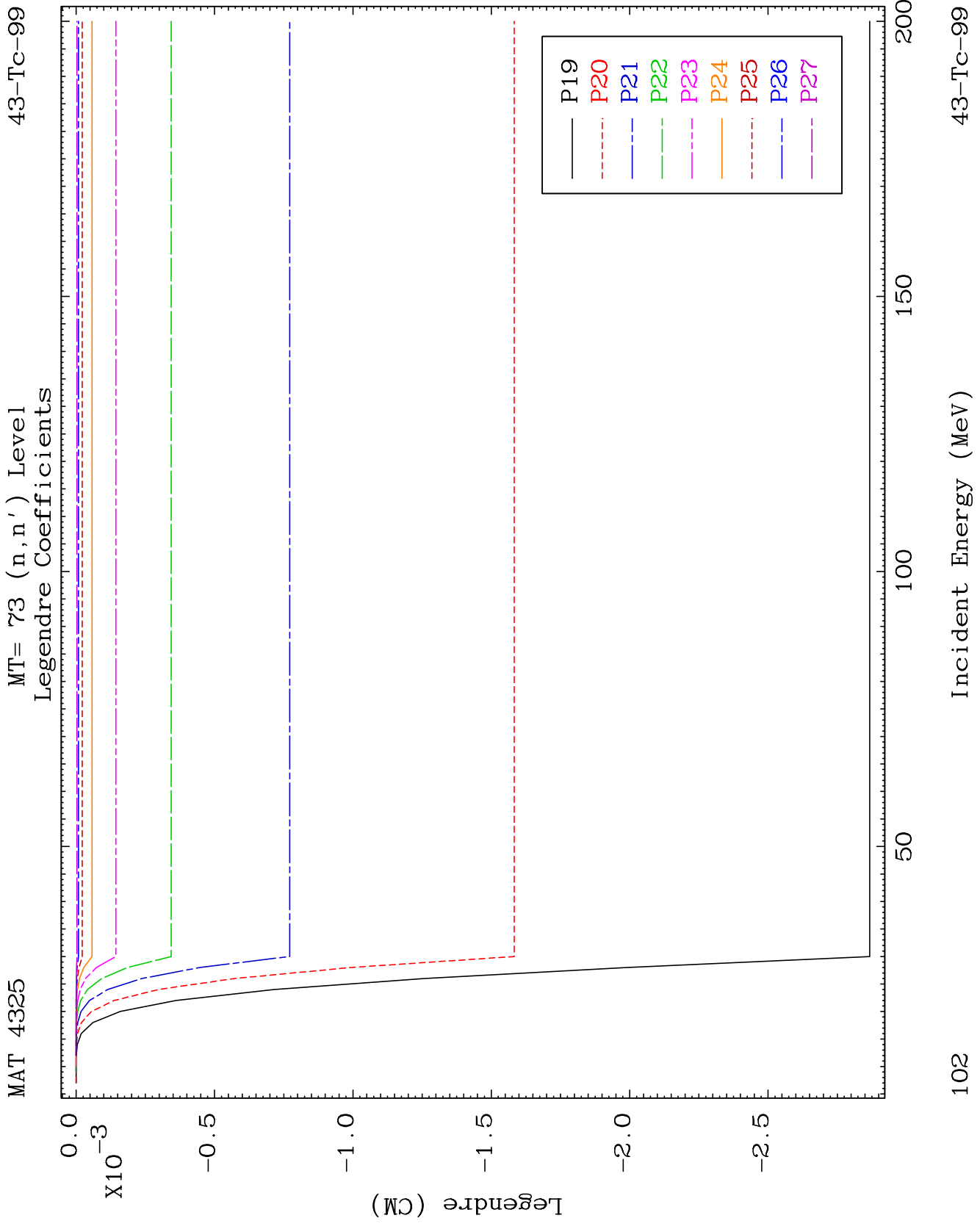
43-Tc-99

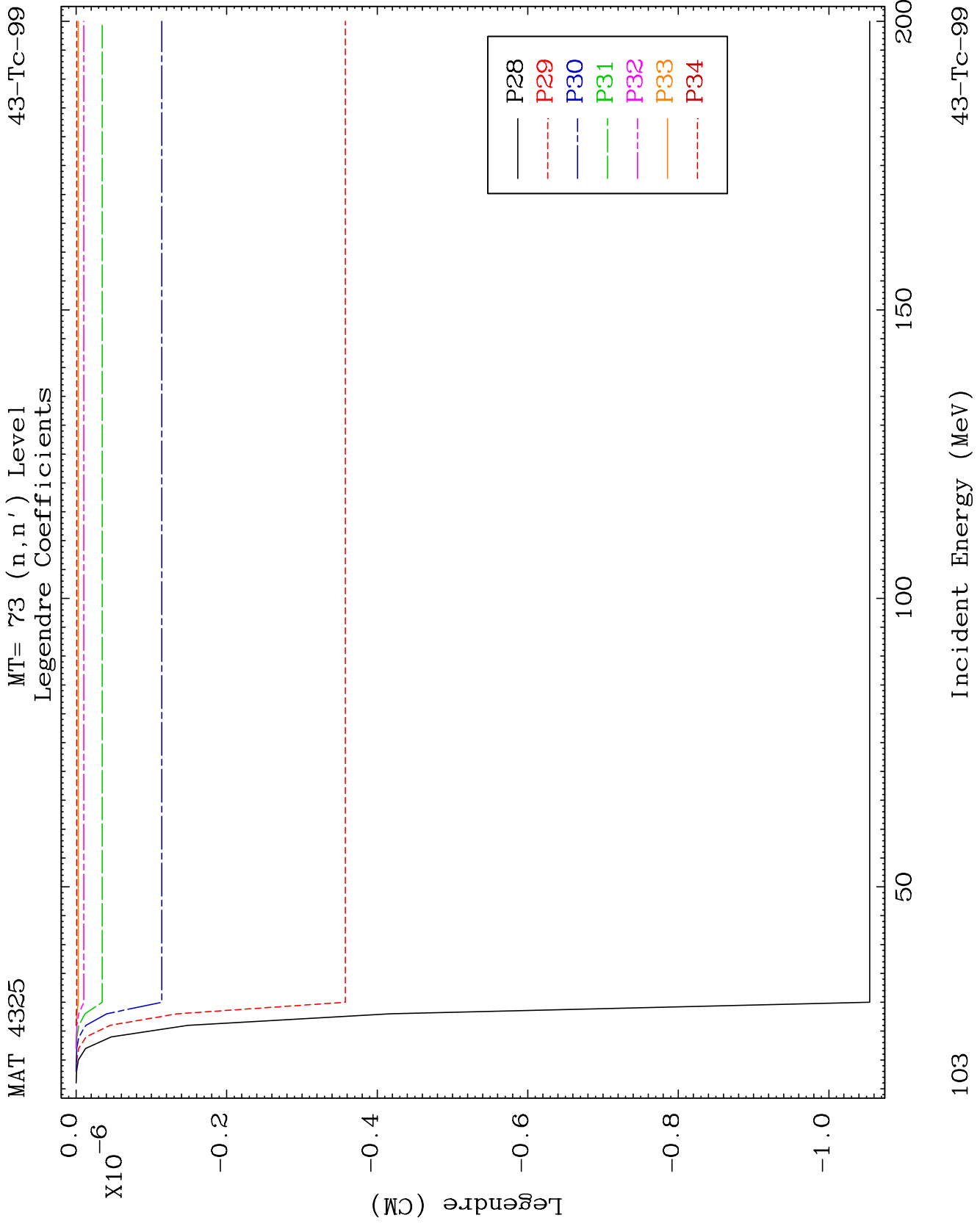


43-Tc-99

Incident Energy (MeV)

101

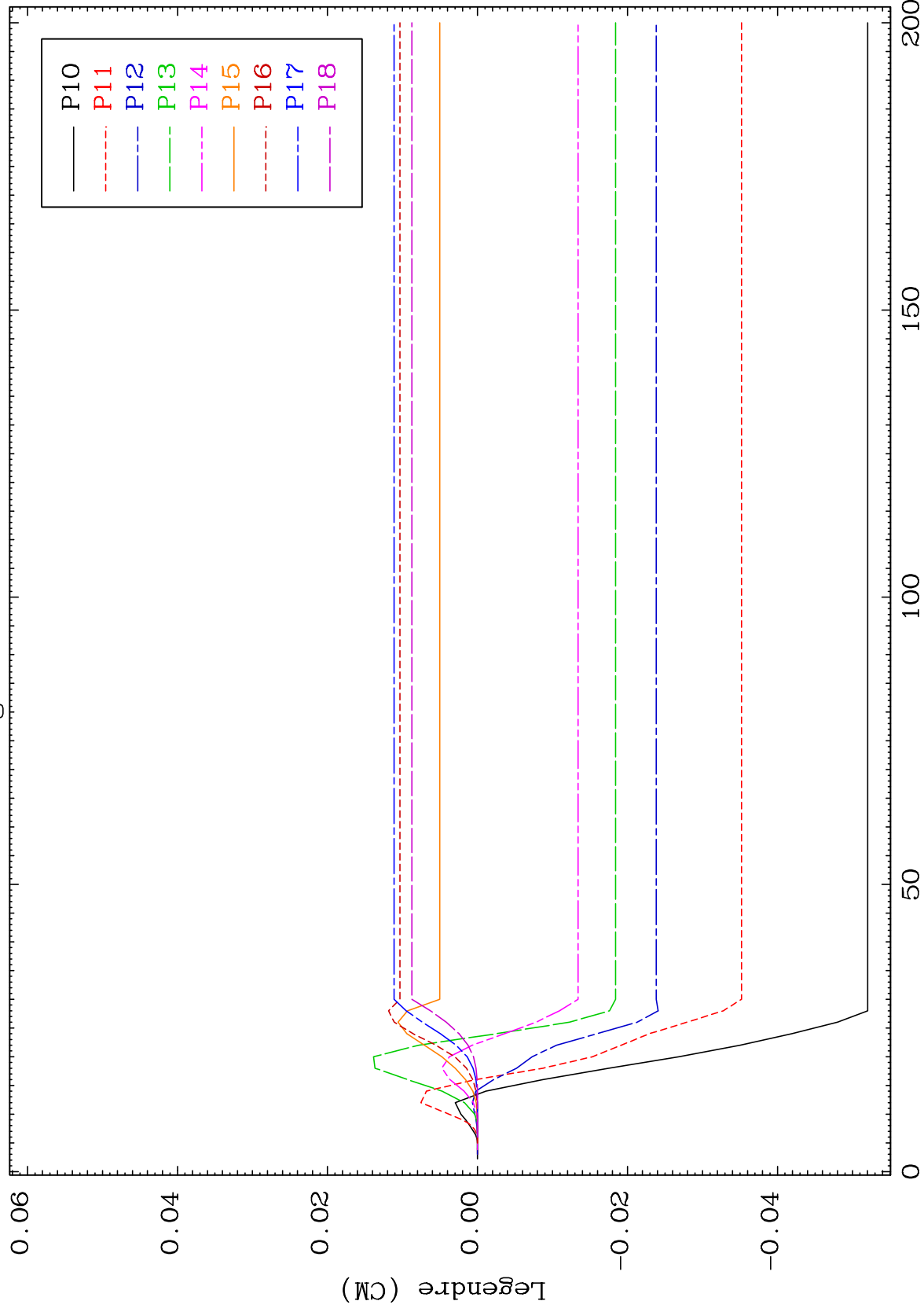




MAT 4325

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

43-Tc-99



105

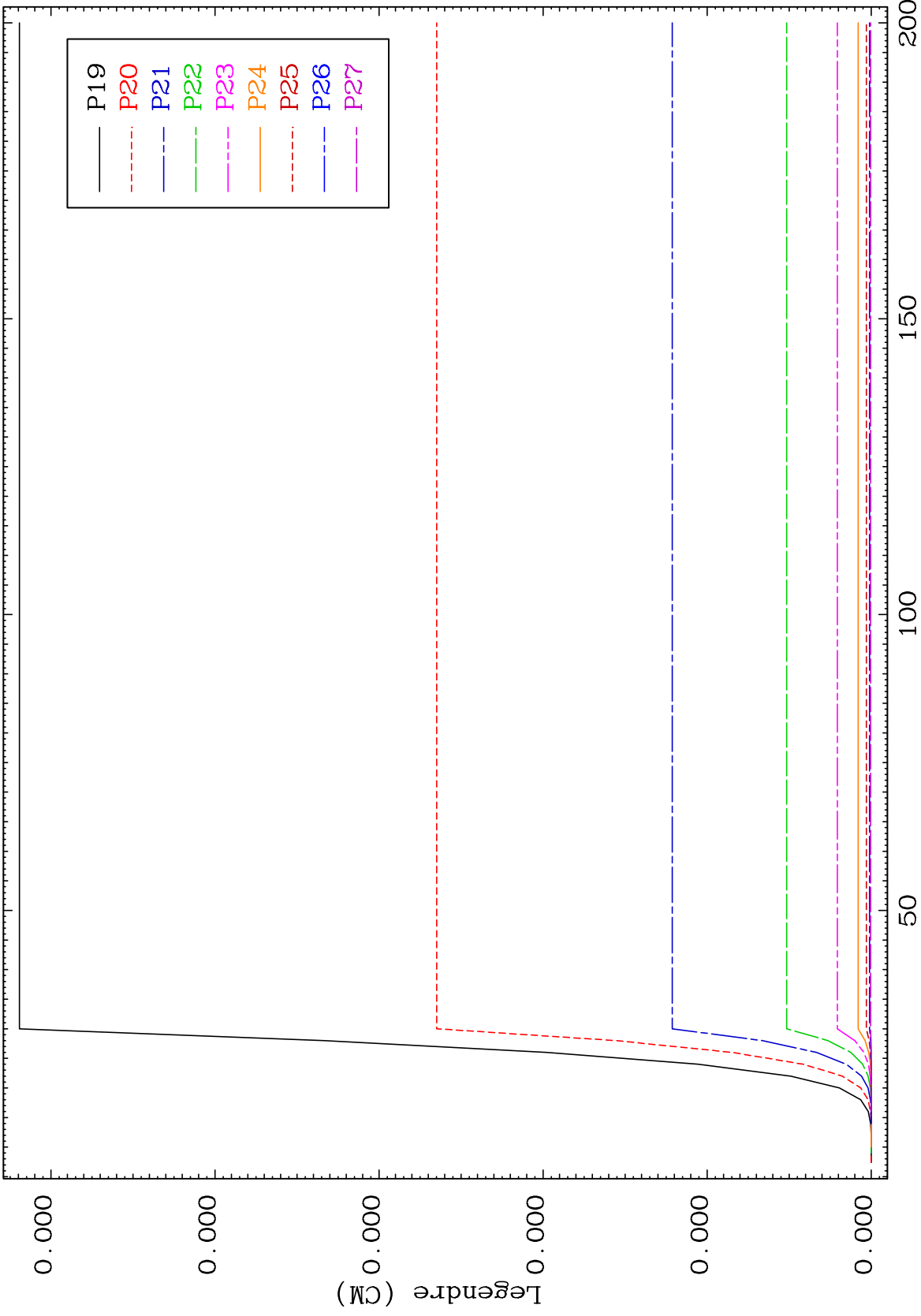
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



106

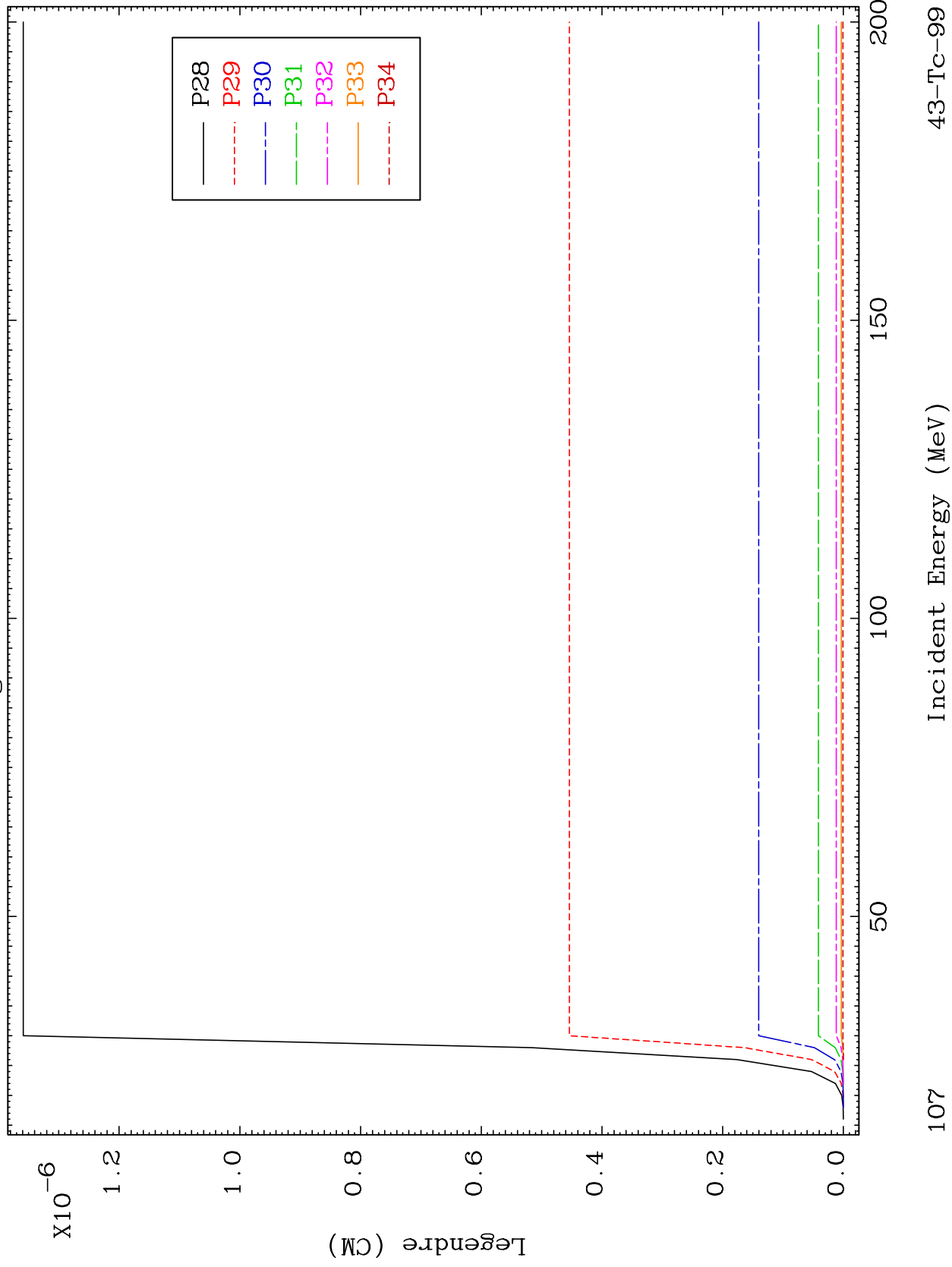
Incident Energy (MeV)

43-Tc-99

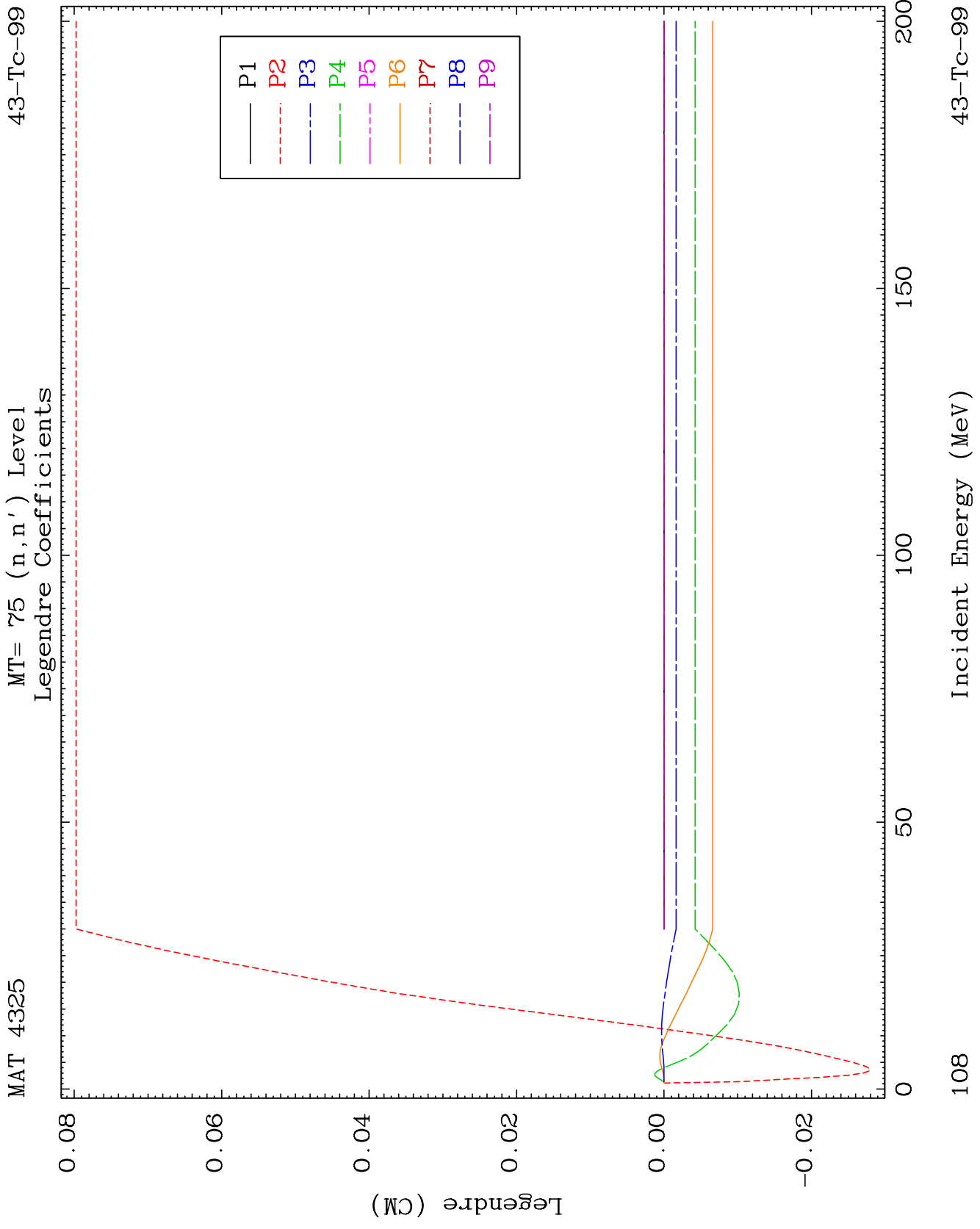
MAT 4325

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

43-Tc-99



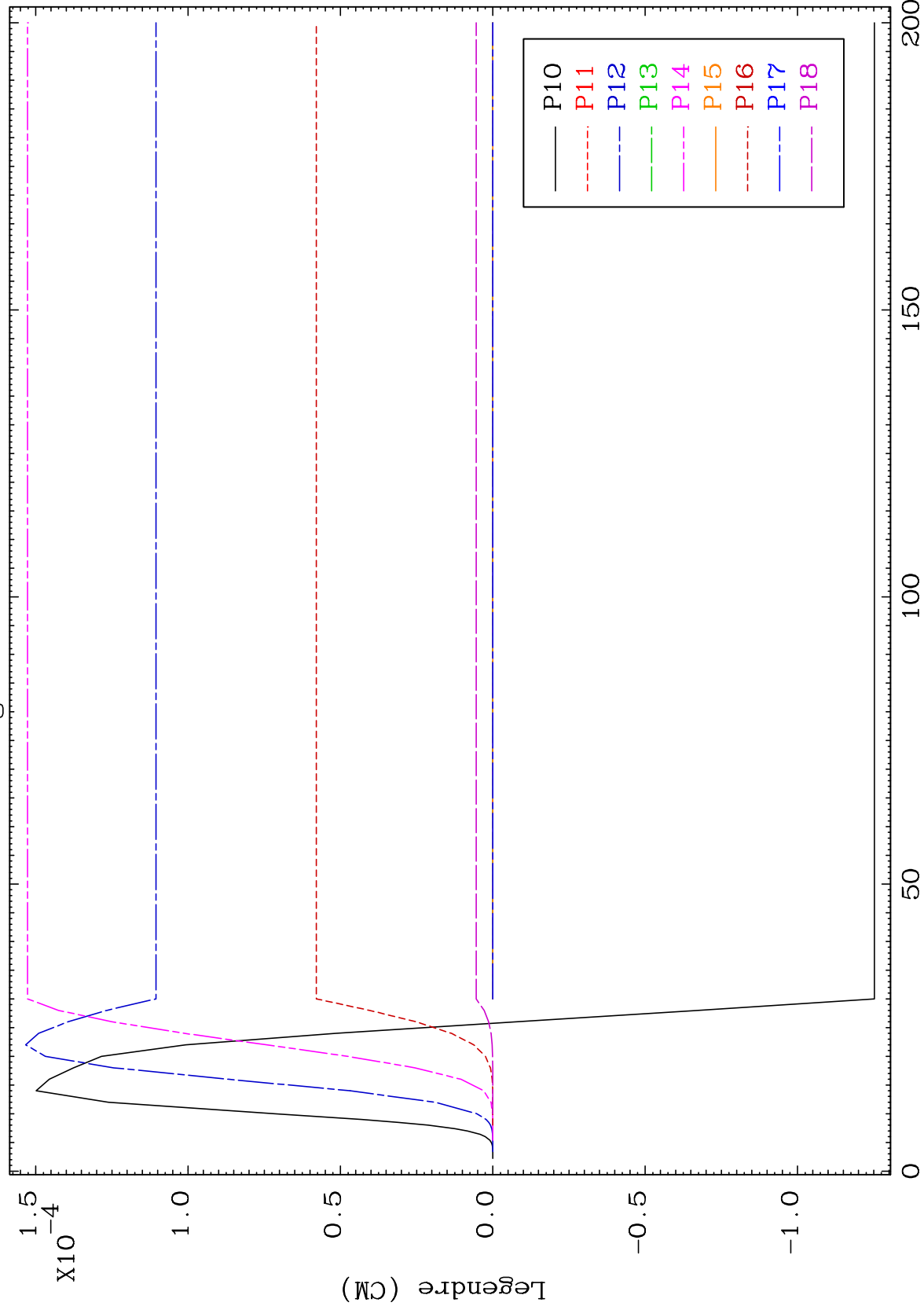
107



MAT 4325

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

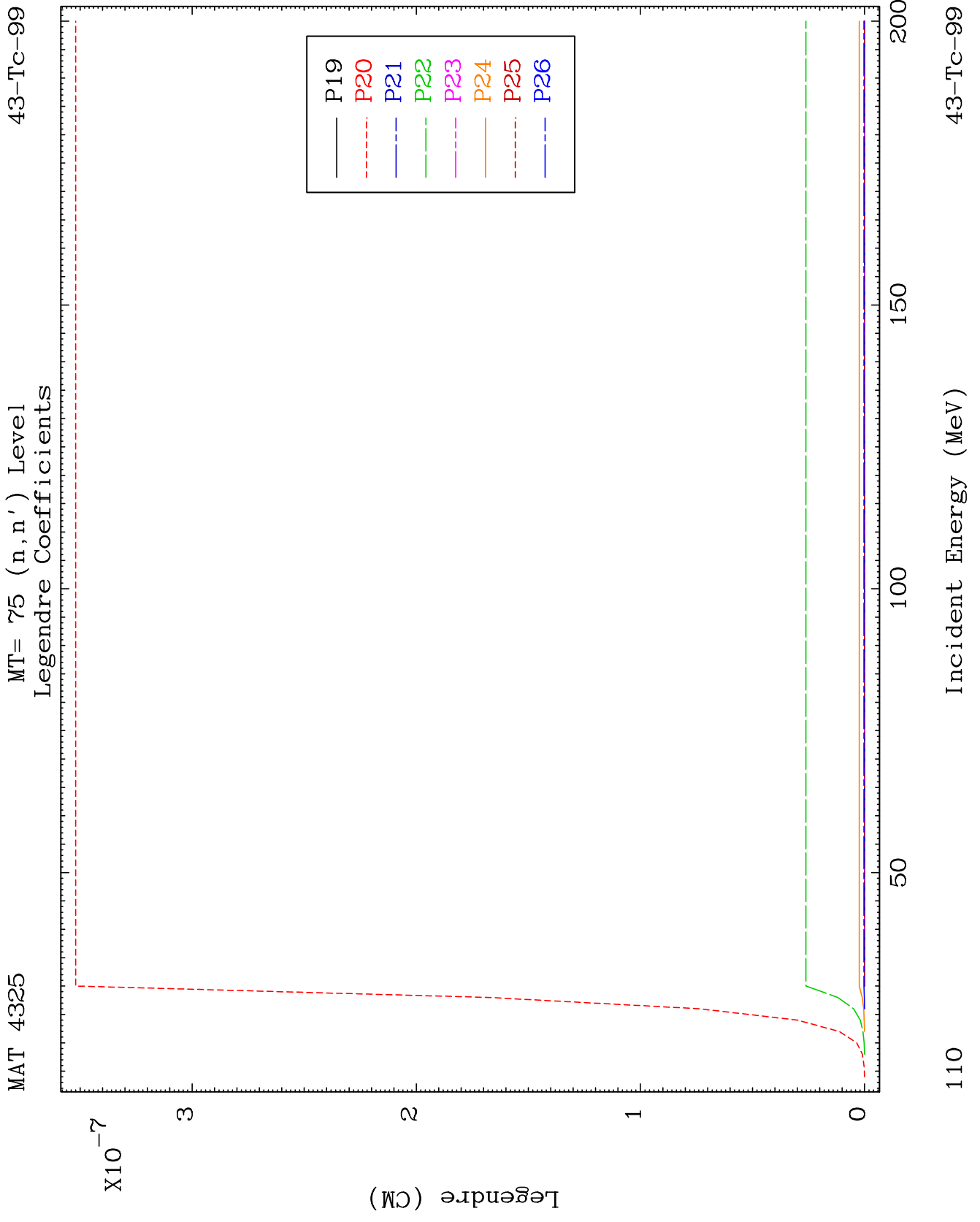
43-Tc-99



109

Incident Energy (MeV)

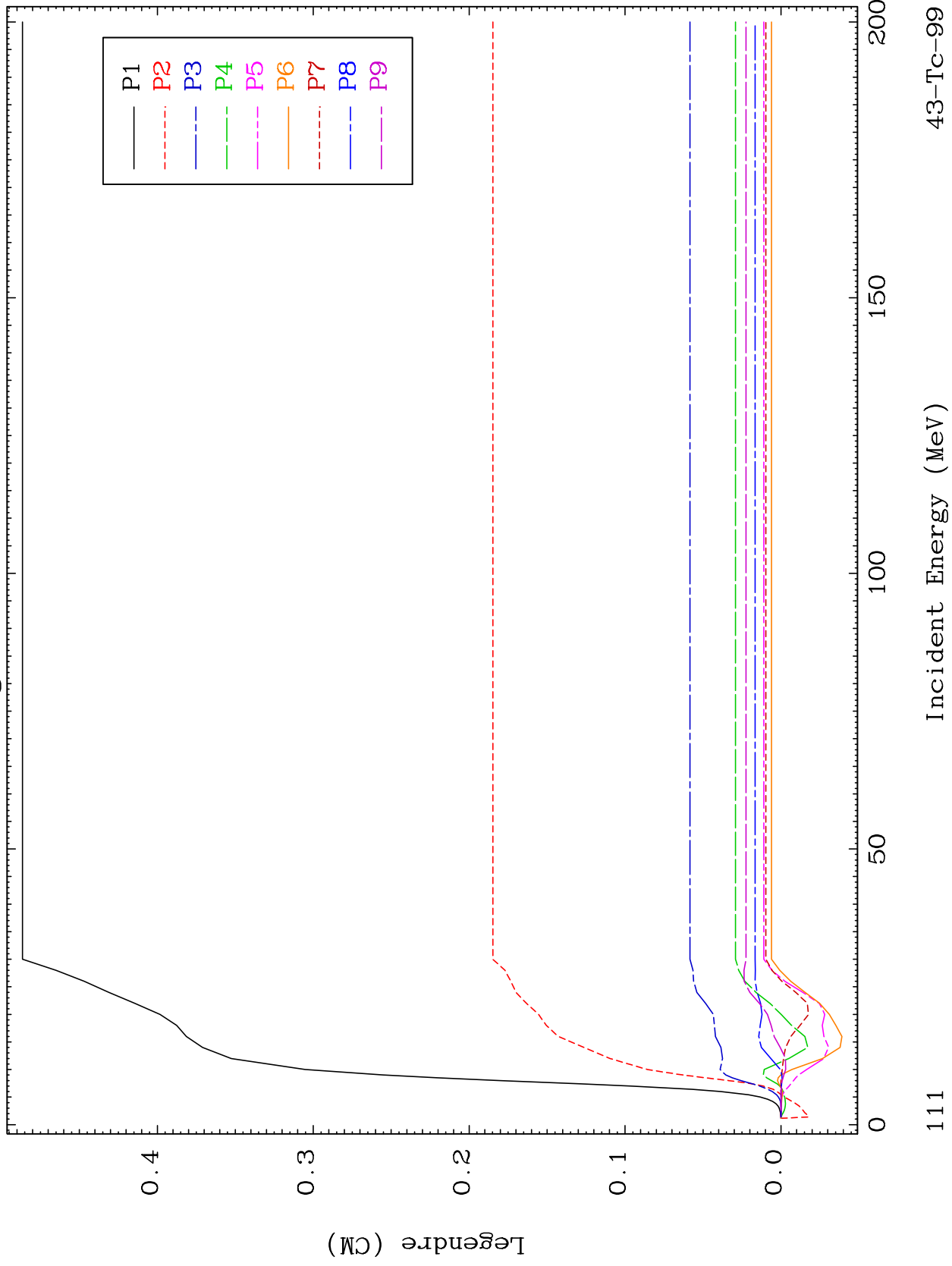
43-Tc-99



MAT 4325

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

43-Tc-99



111

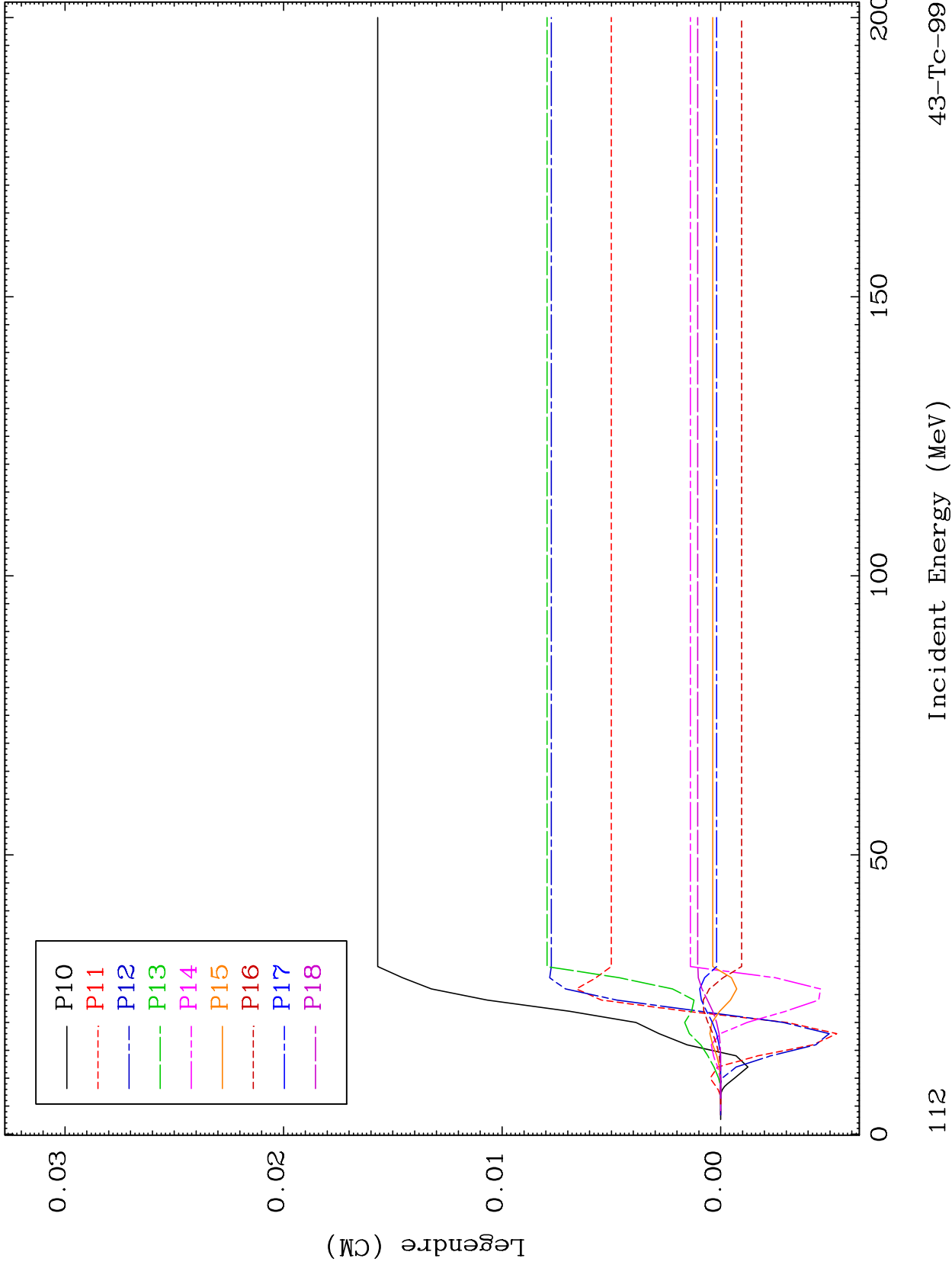
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



43-Tc-99

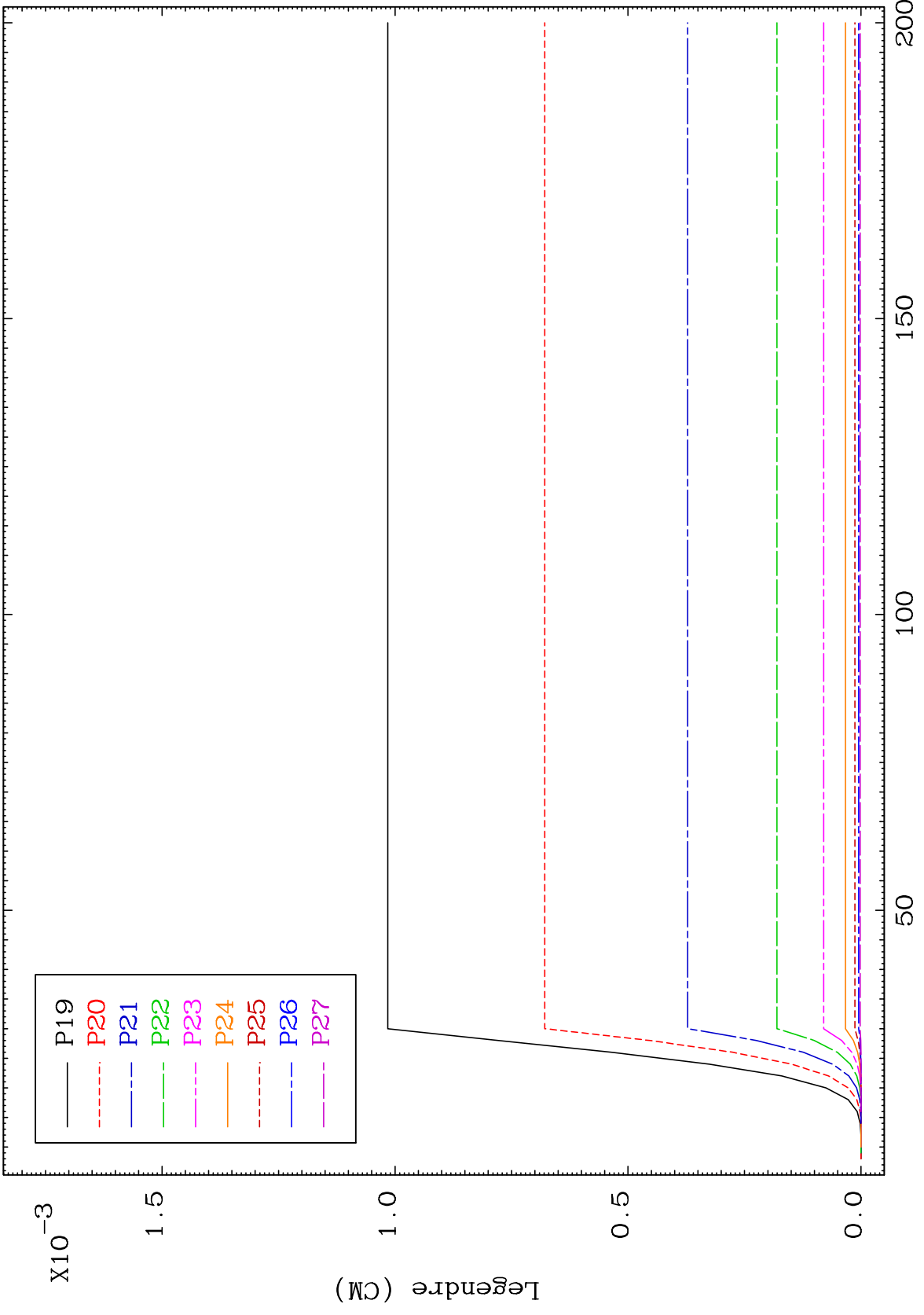
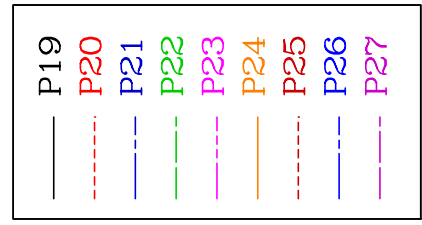
Incident Energy (MeV)

112

MAT 4325

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

43-Tc-99



113

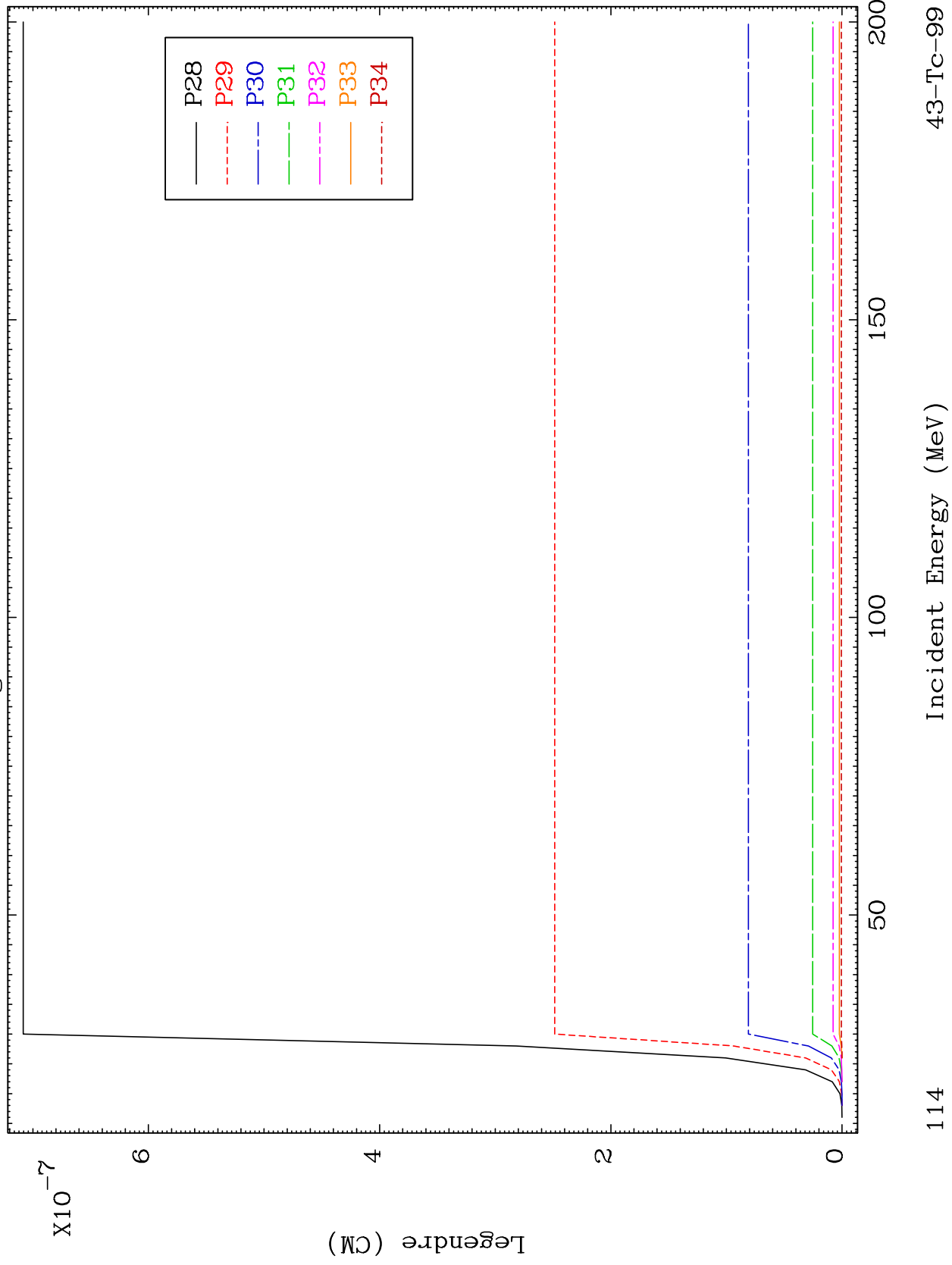
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

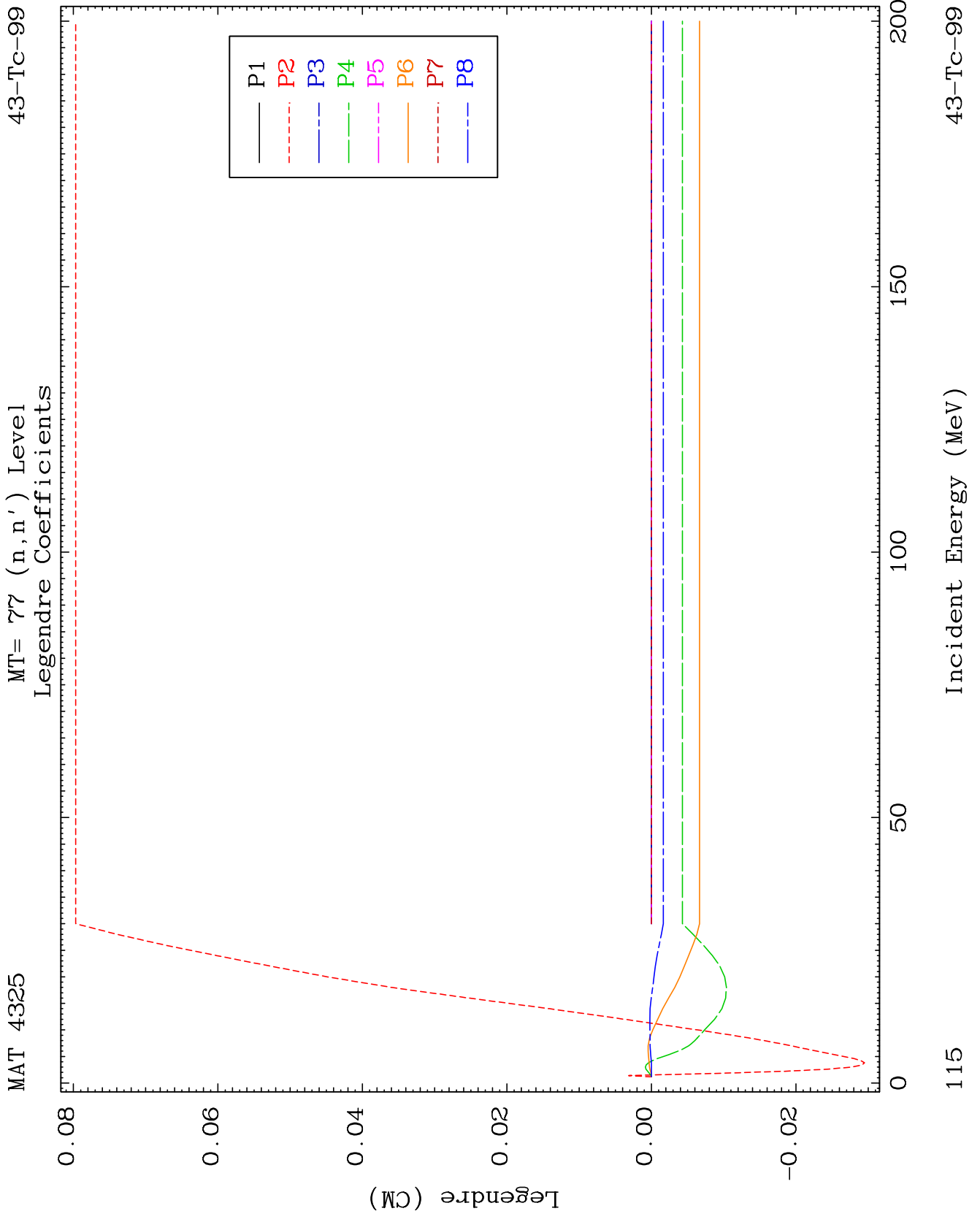
43-Tc-99



114

Incident Energy (MeV)

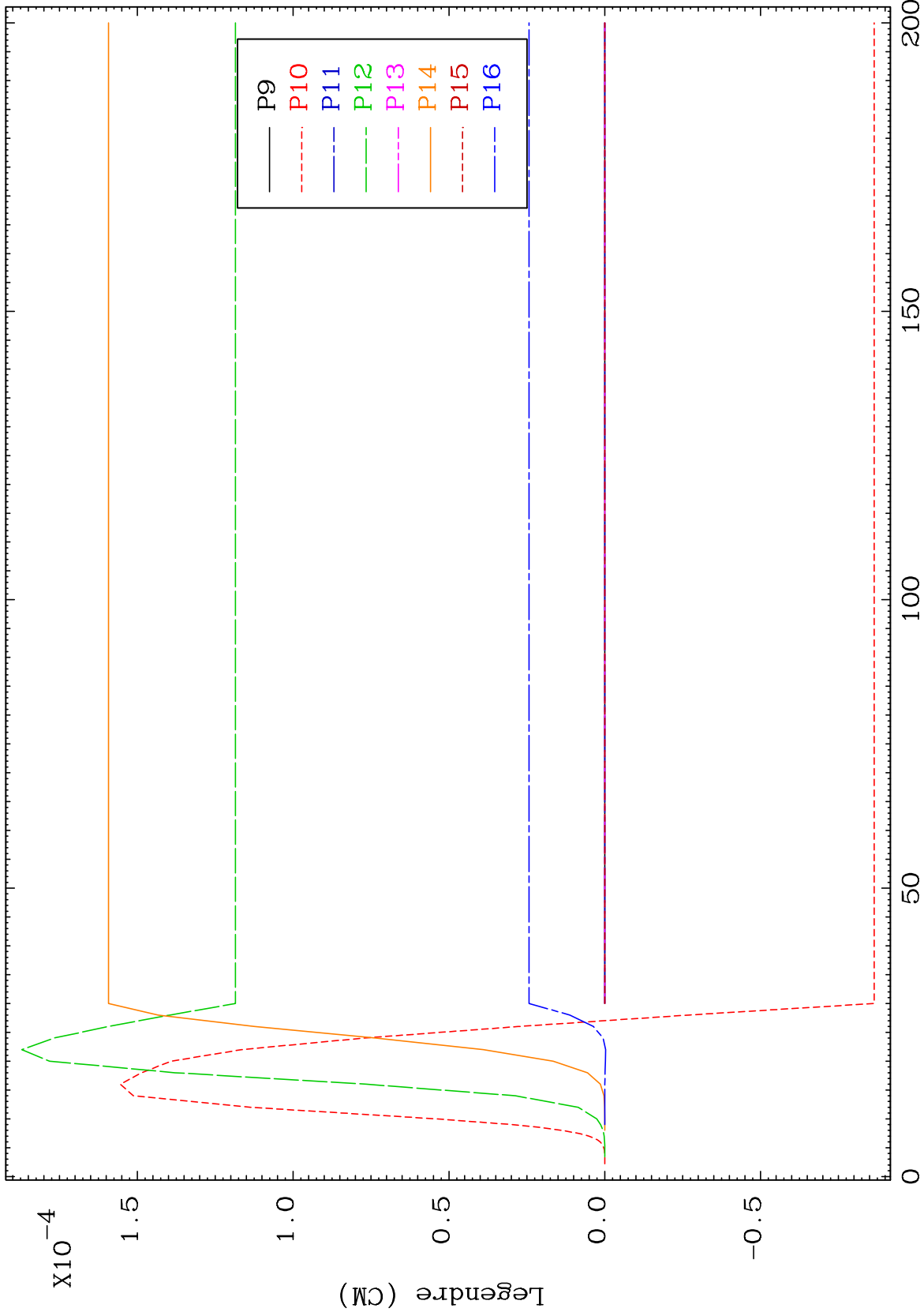
43-Tc-99



MAT 4325

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

43-Tc-99



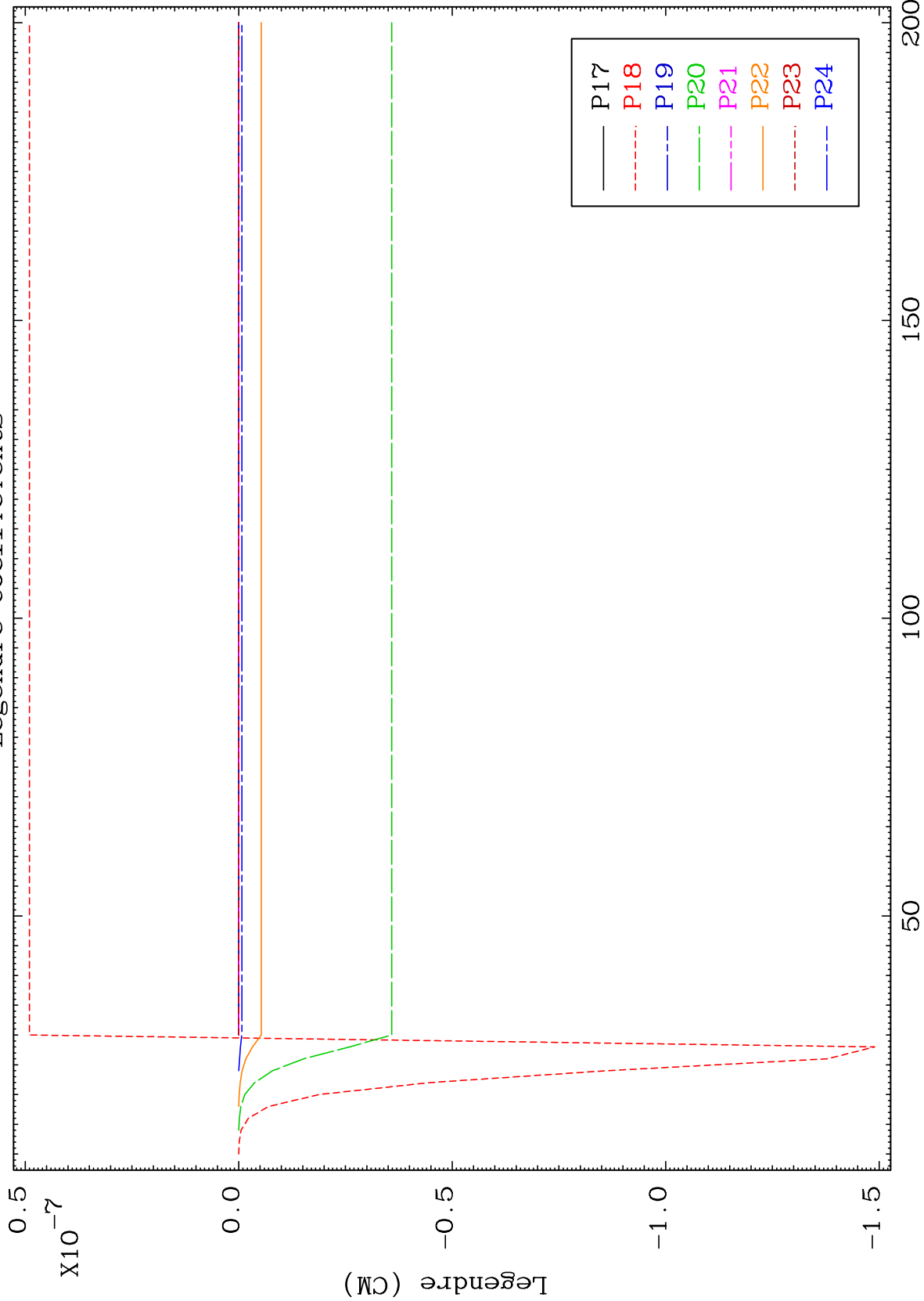
116

43-Tc-99

MAT 4325

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

43-Tc-99



117

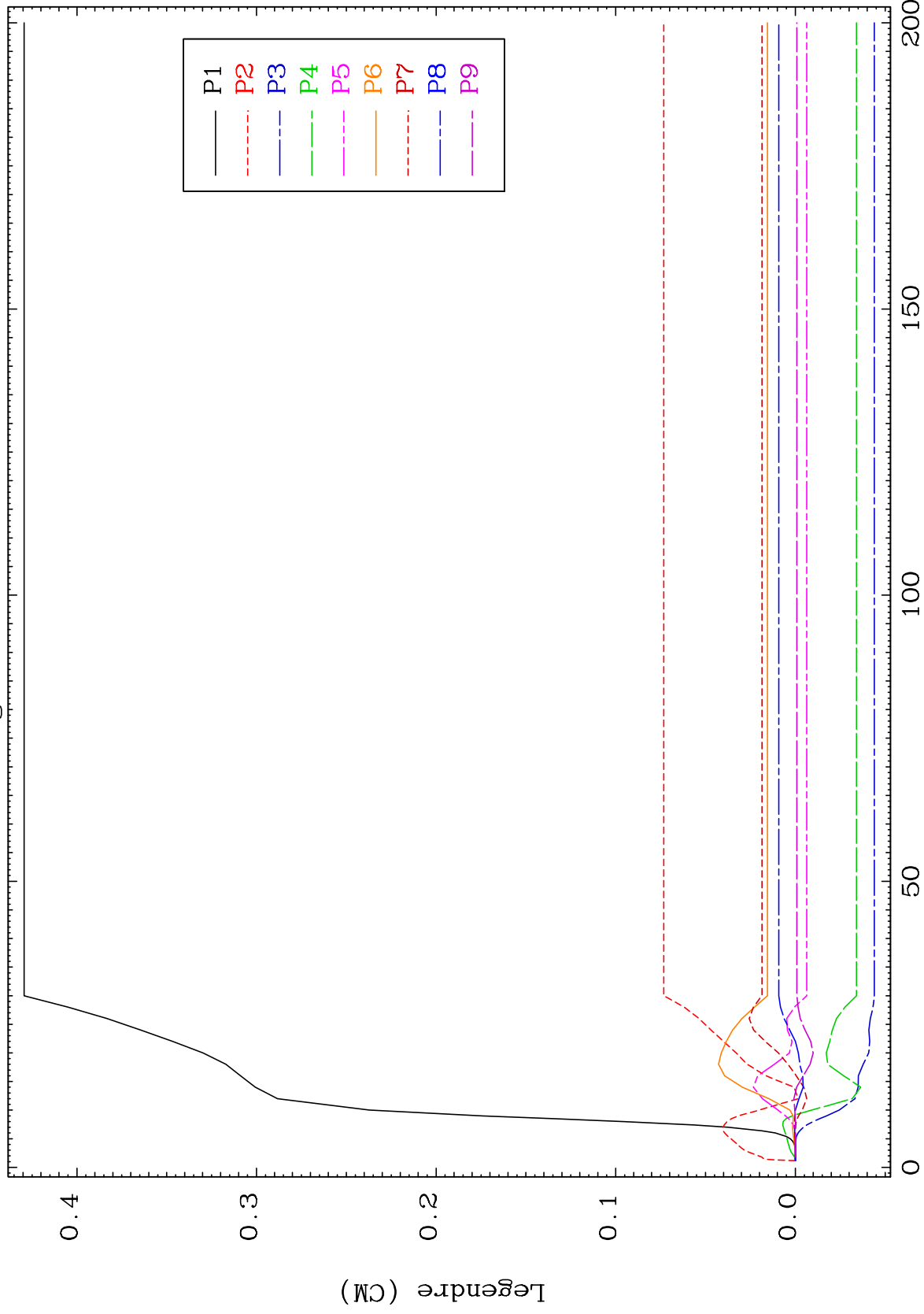
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



118

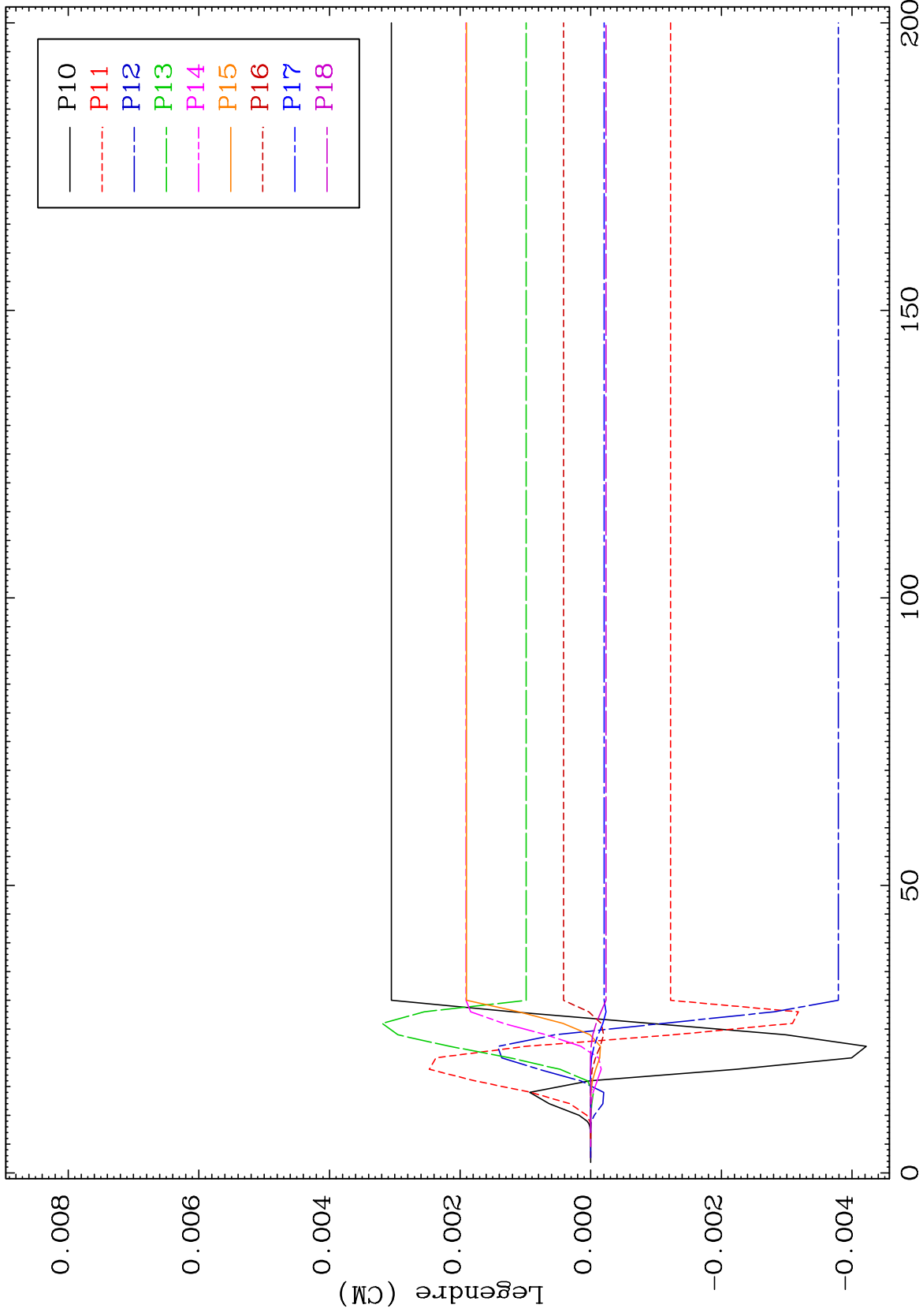
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



119

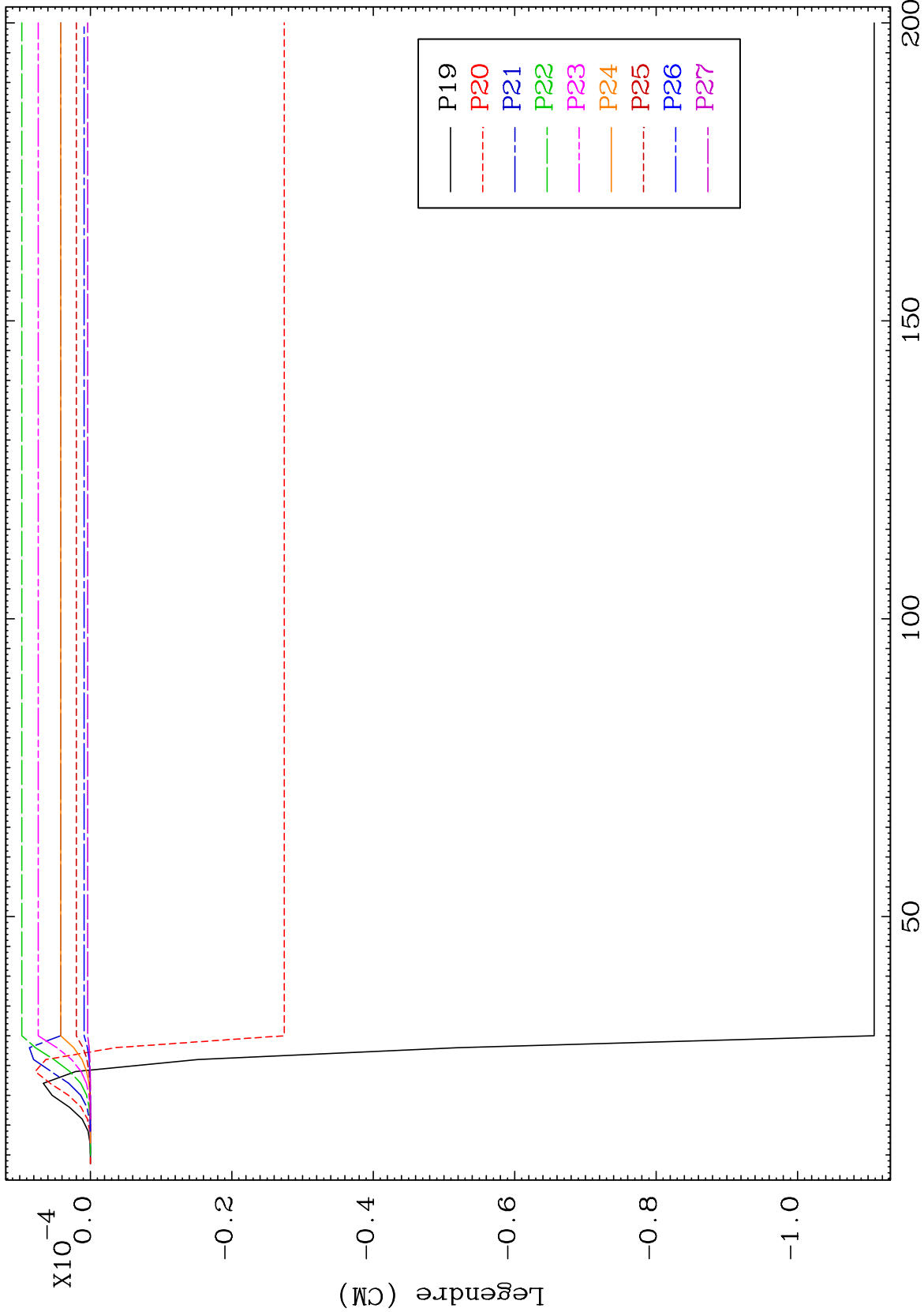
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



120

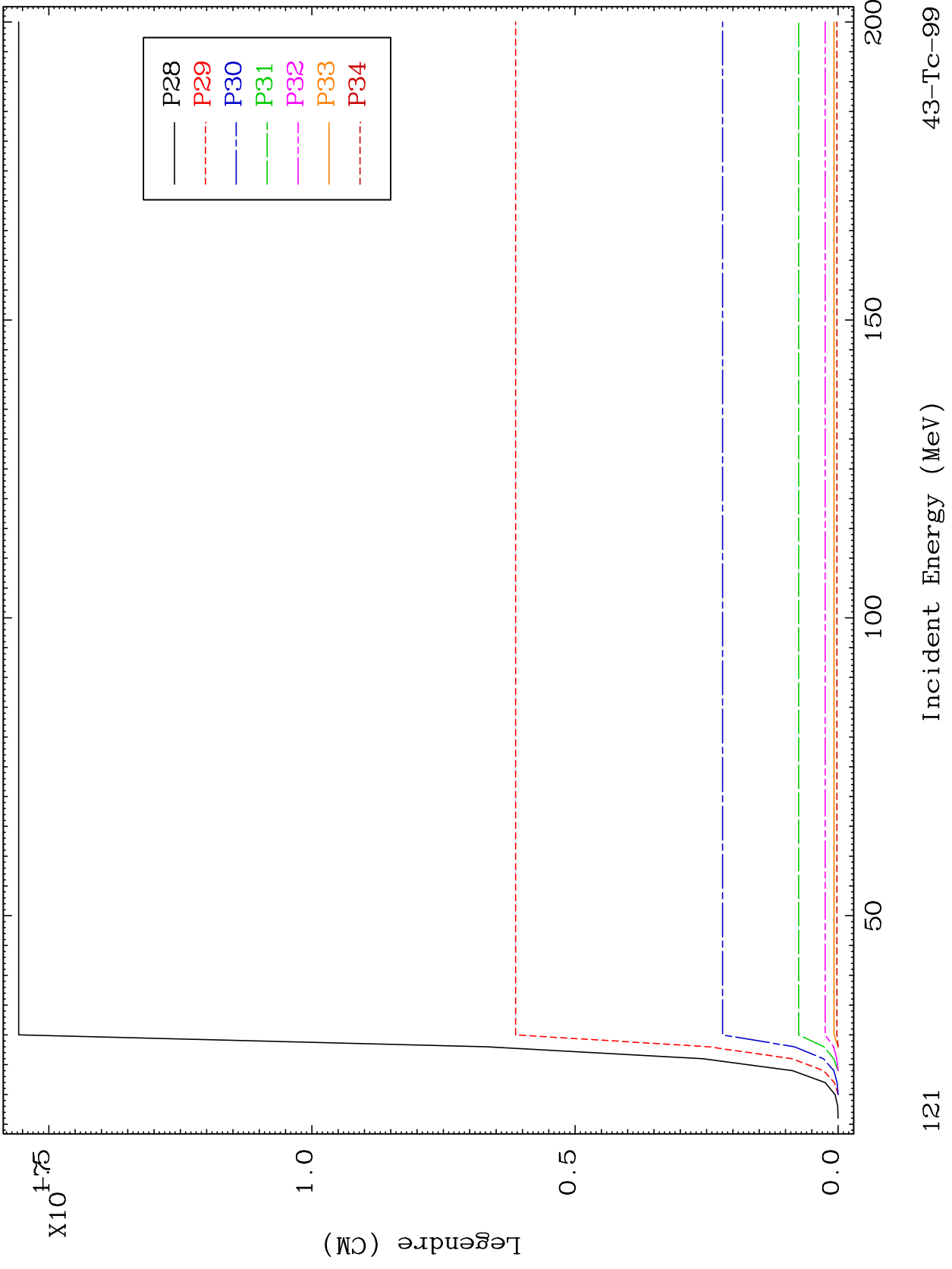
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



121

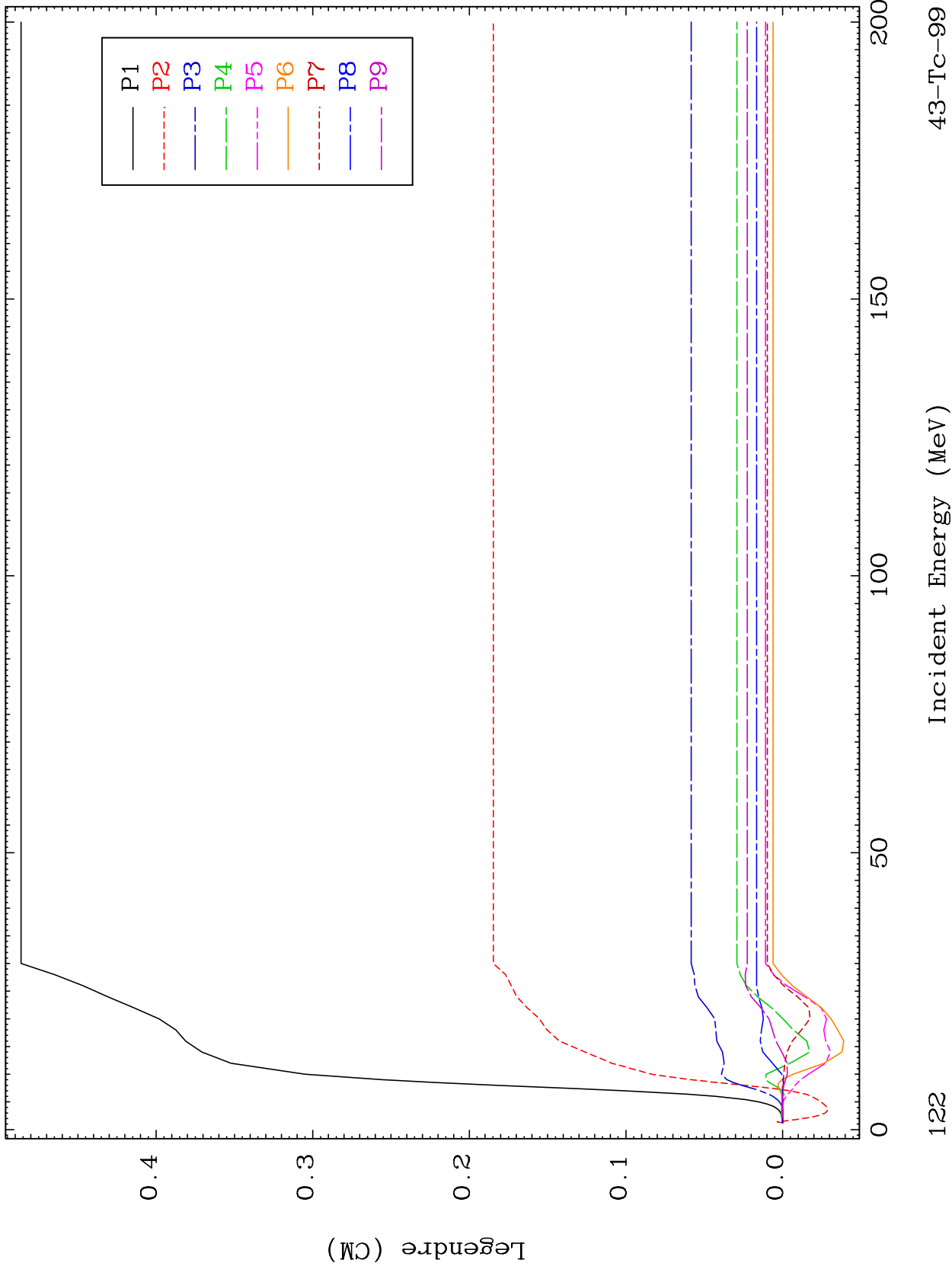
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



43-Tc-99

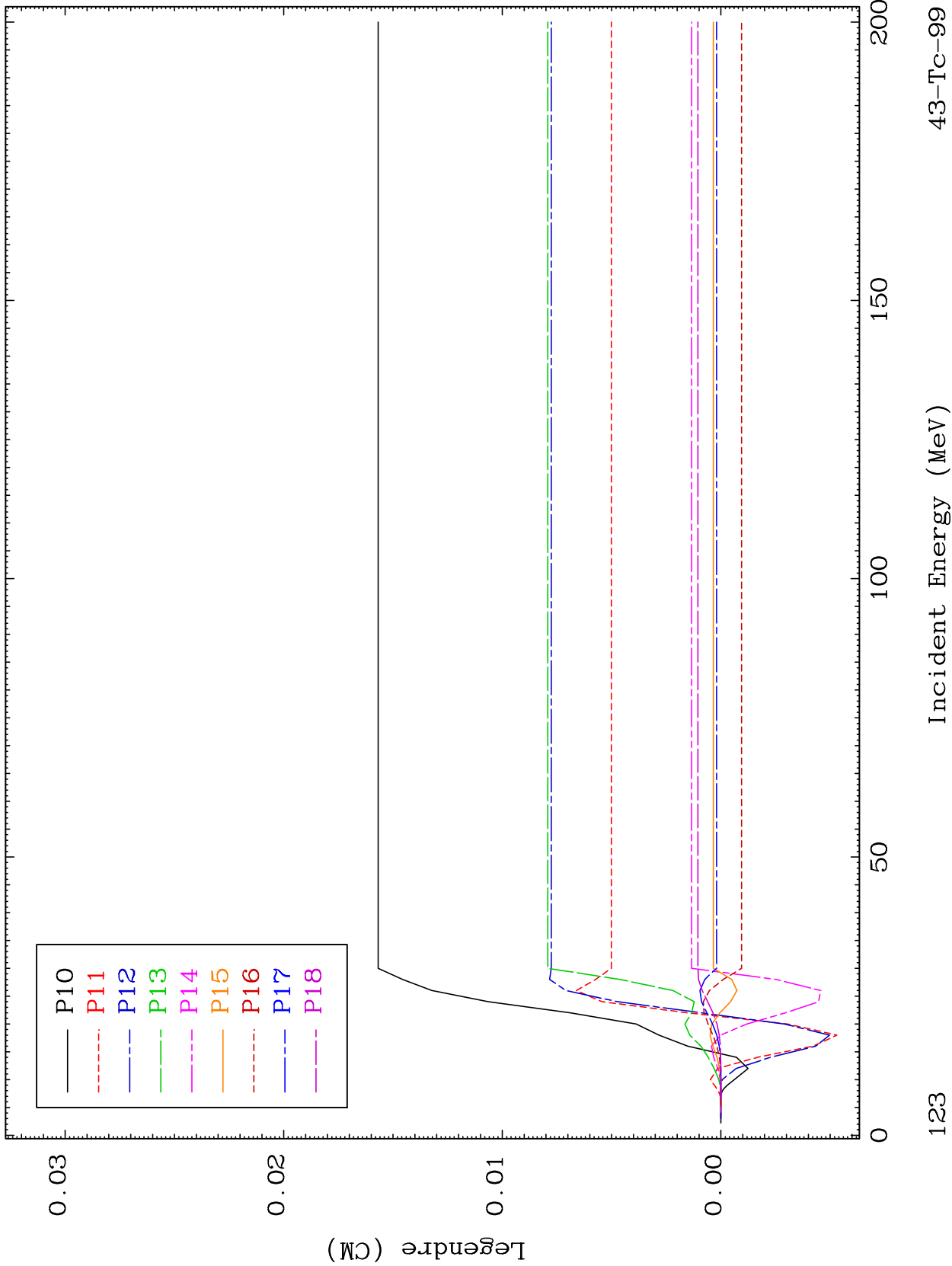
Incident Energy (MeV)

122

MAT 4325

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

43-Tc-99



123

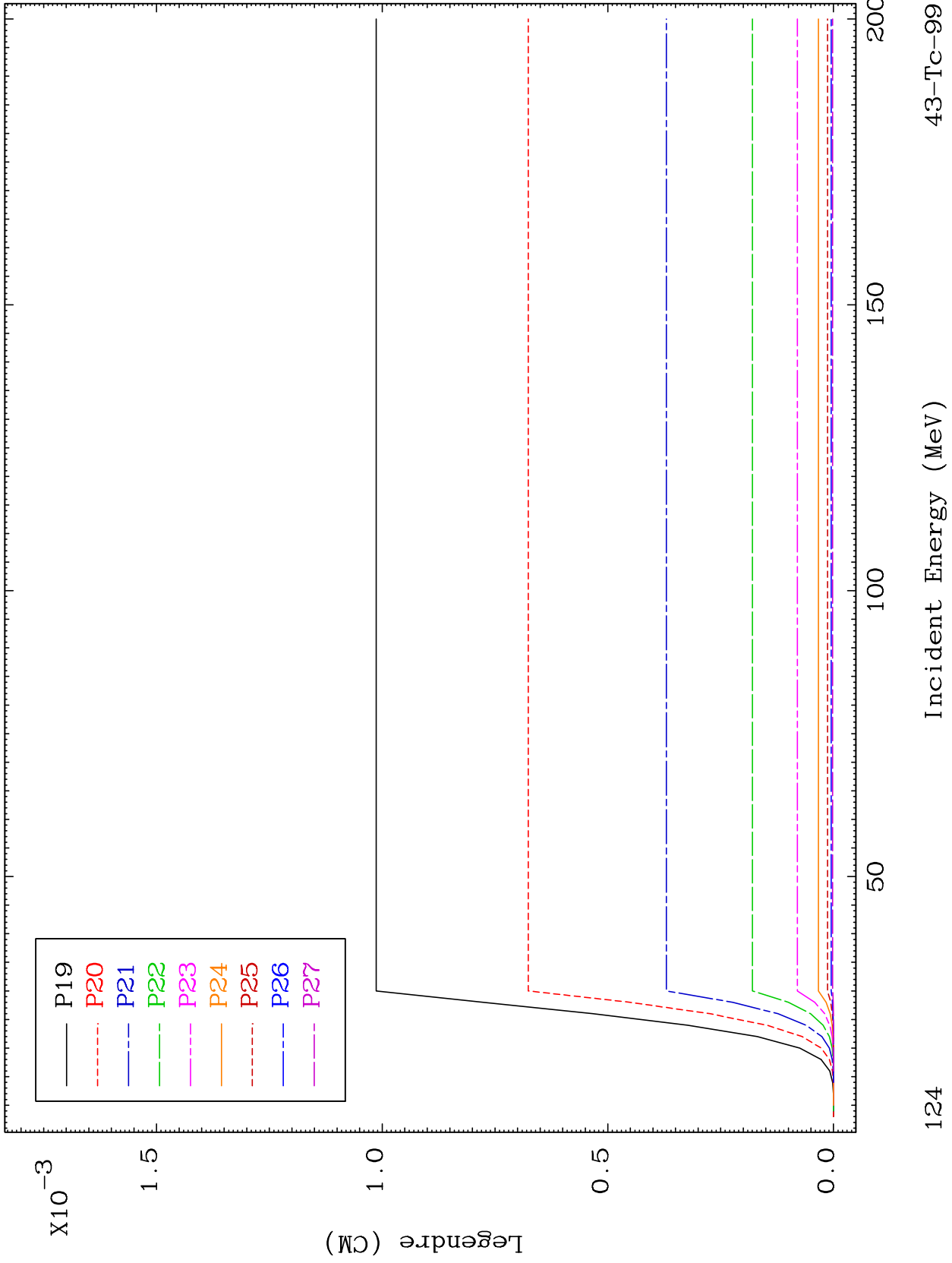
Incident Energy (MeV)

43-Tc-99

MAT 4325

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

43-Tc-99



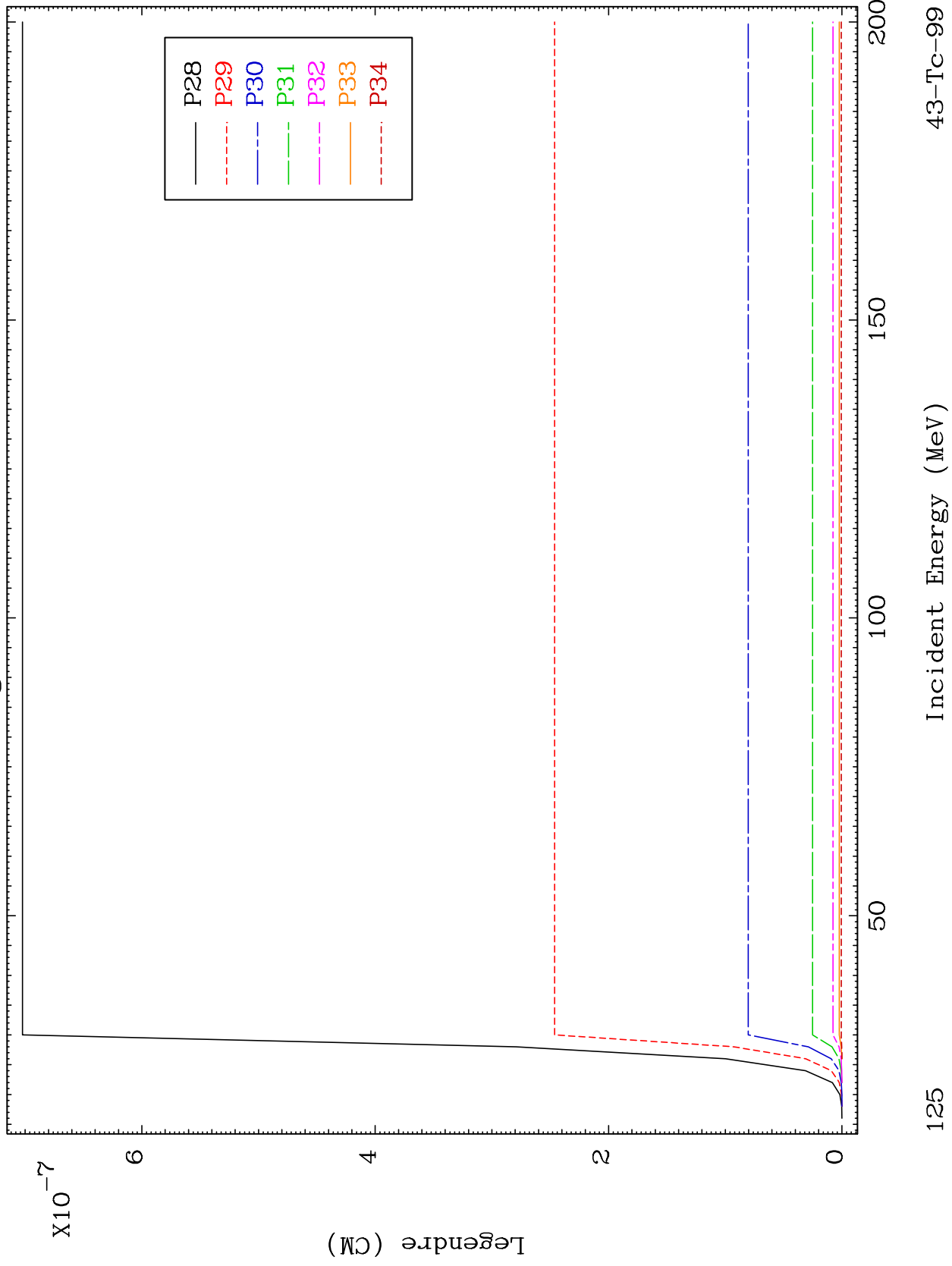
124

43-Tc-99

MAT 4325

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

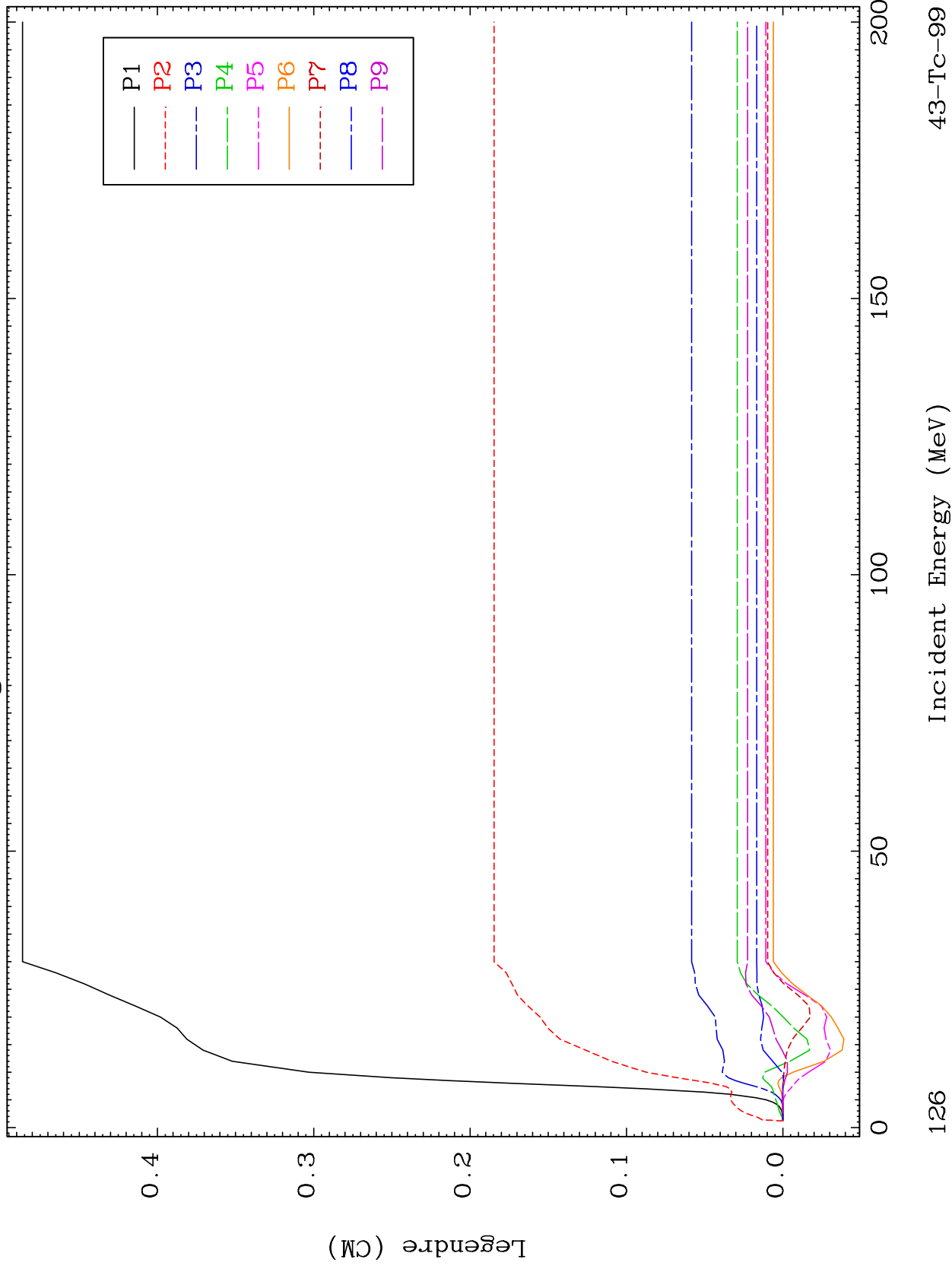
43-Tc-99



MAT 4325

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

43-Tc-99



43-Tc-99

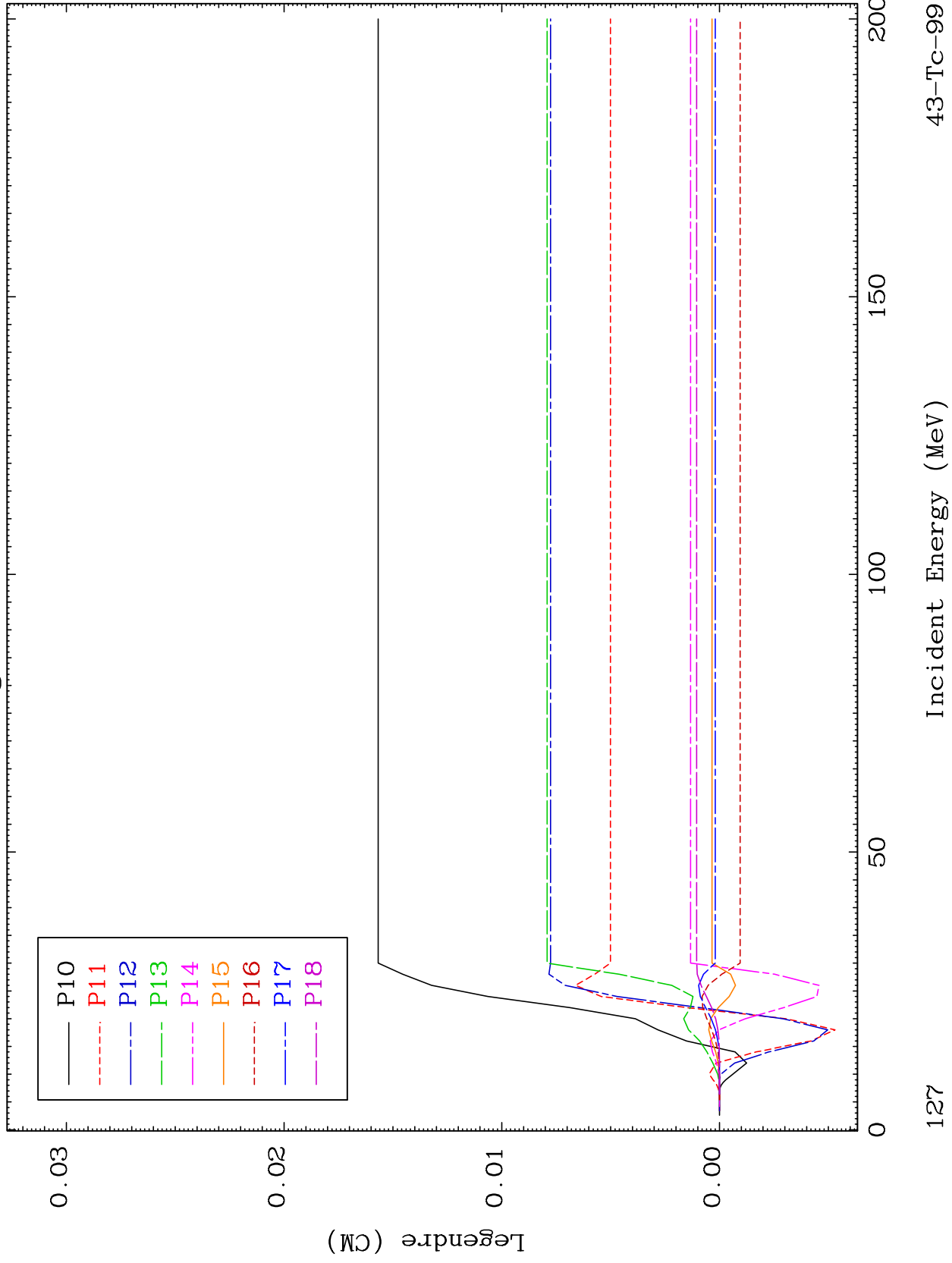
Incident Energy (MeV)

126

MAT 4325

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

43-Tc-99



43-Tc-99

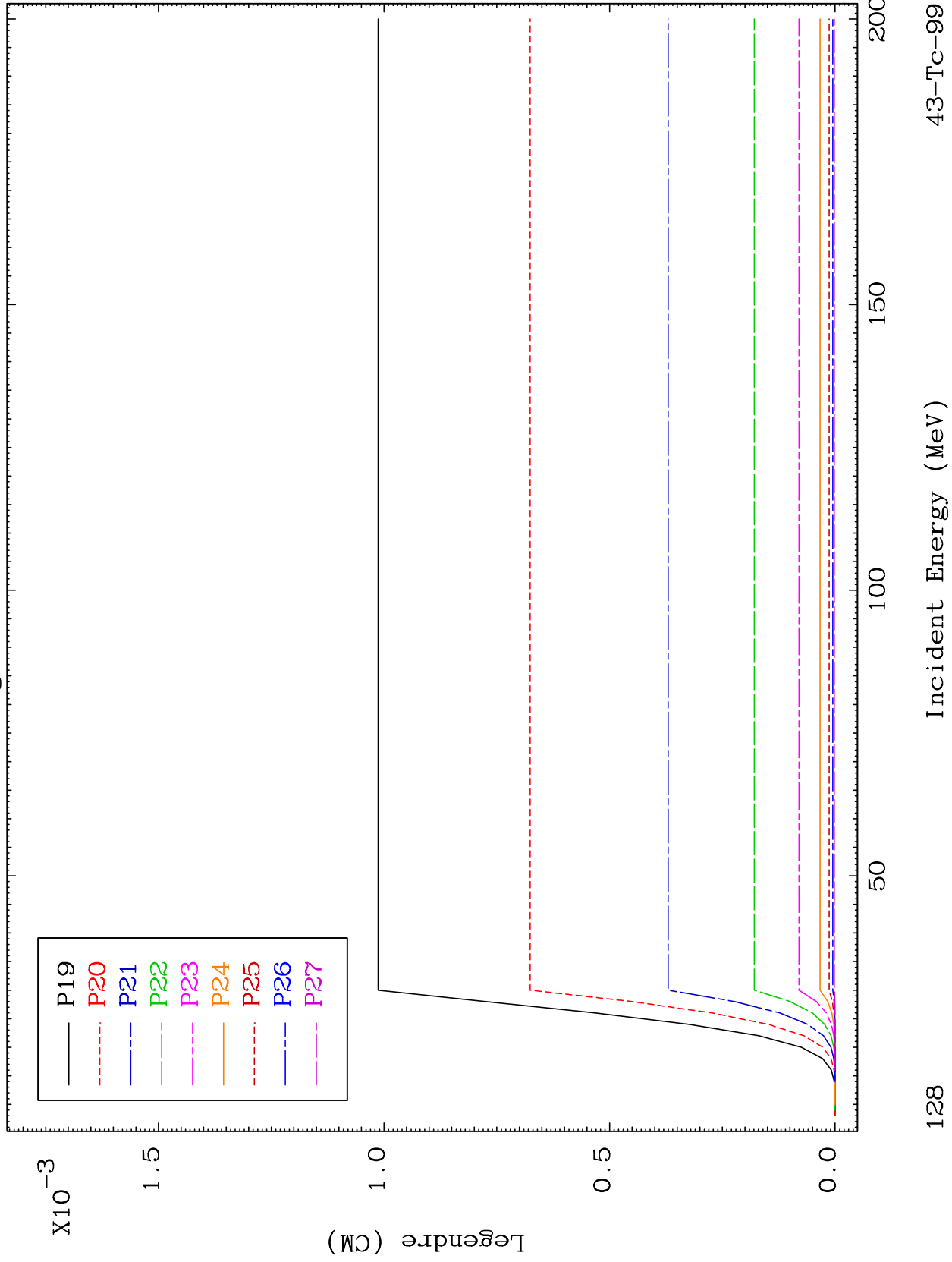
Incident Energy (MeV)

127

MAT 4325

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

43-Tc-99

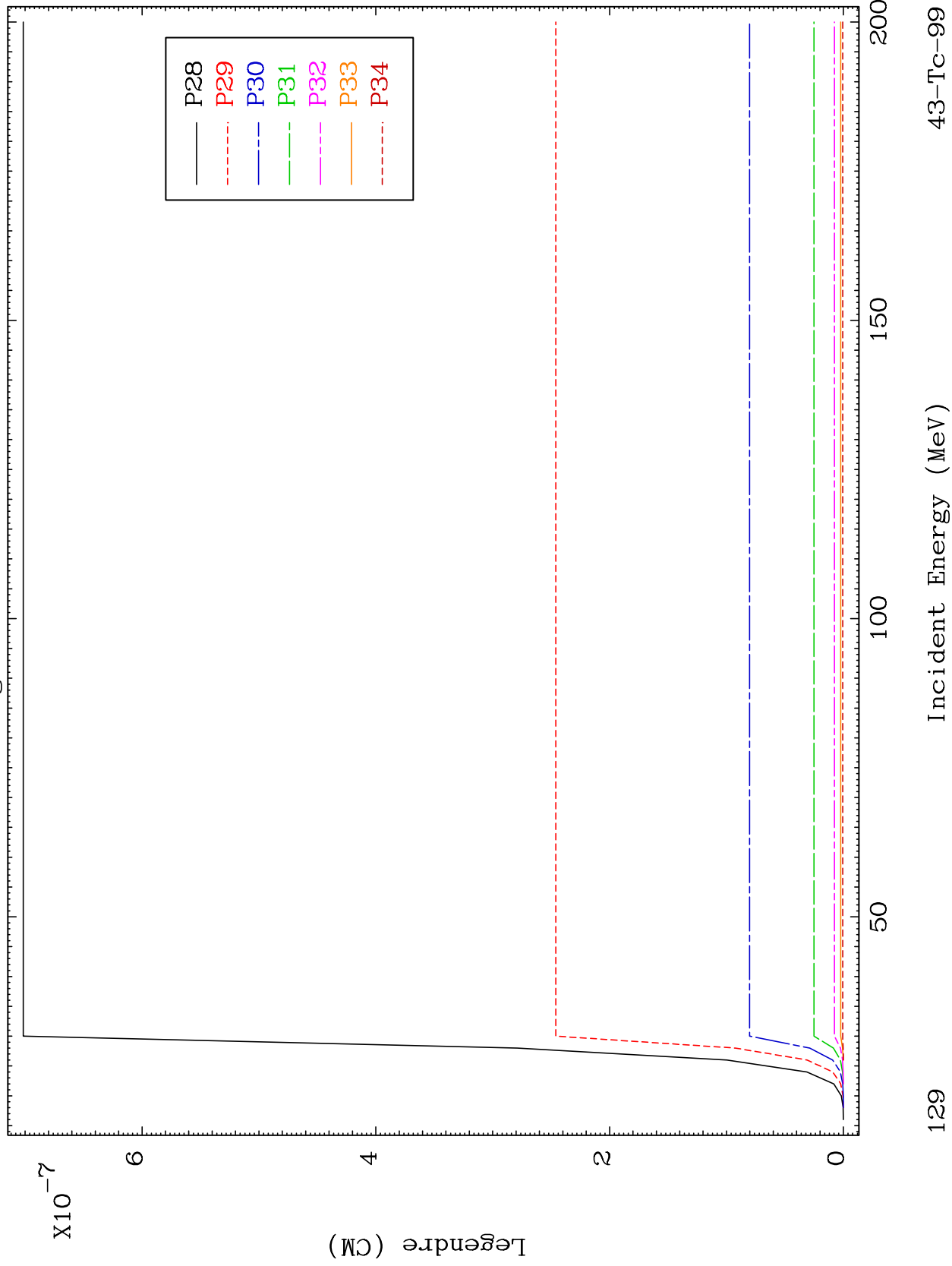


128

MAT 4325

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

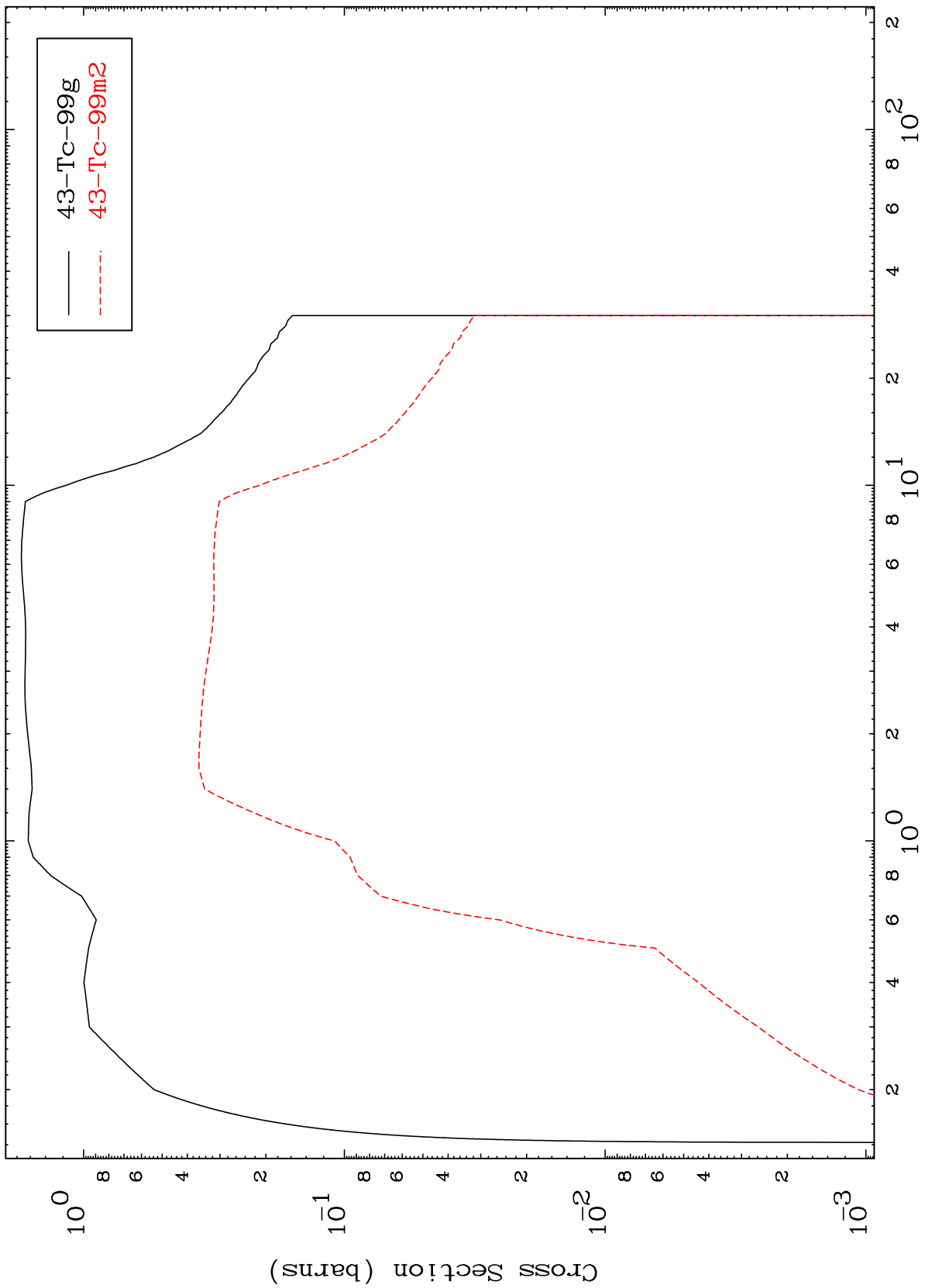
43-Tc-99



MAT 4325

43-Tc-99

Inelastic
Radionuclide Production Cross Section



130

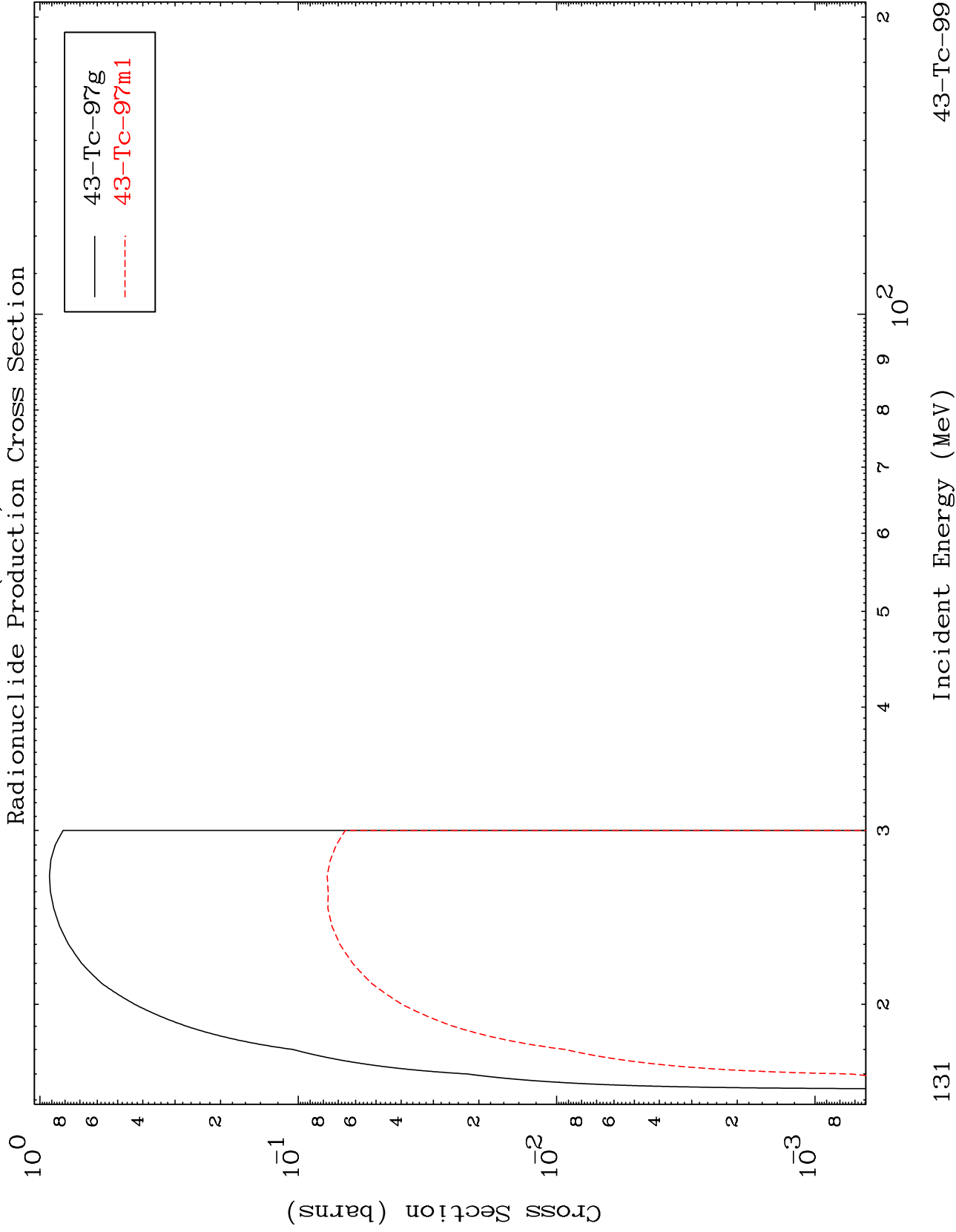
Incident Energy (MeV)

43-Tc-99

MAT 4325

(n,3n)

43-Tc-99



131

Incident Energy (MeV)

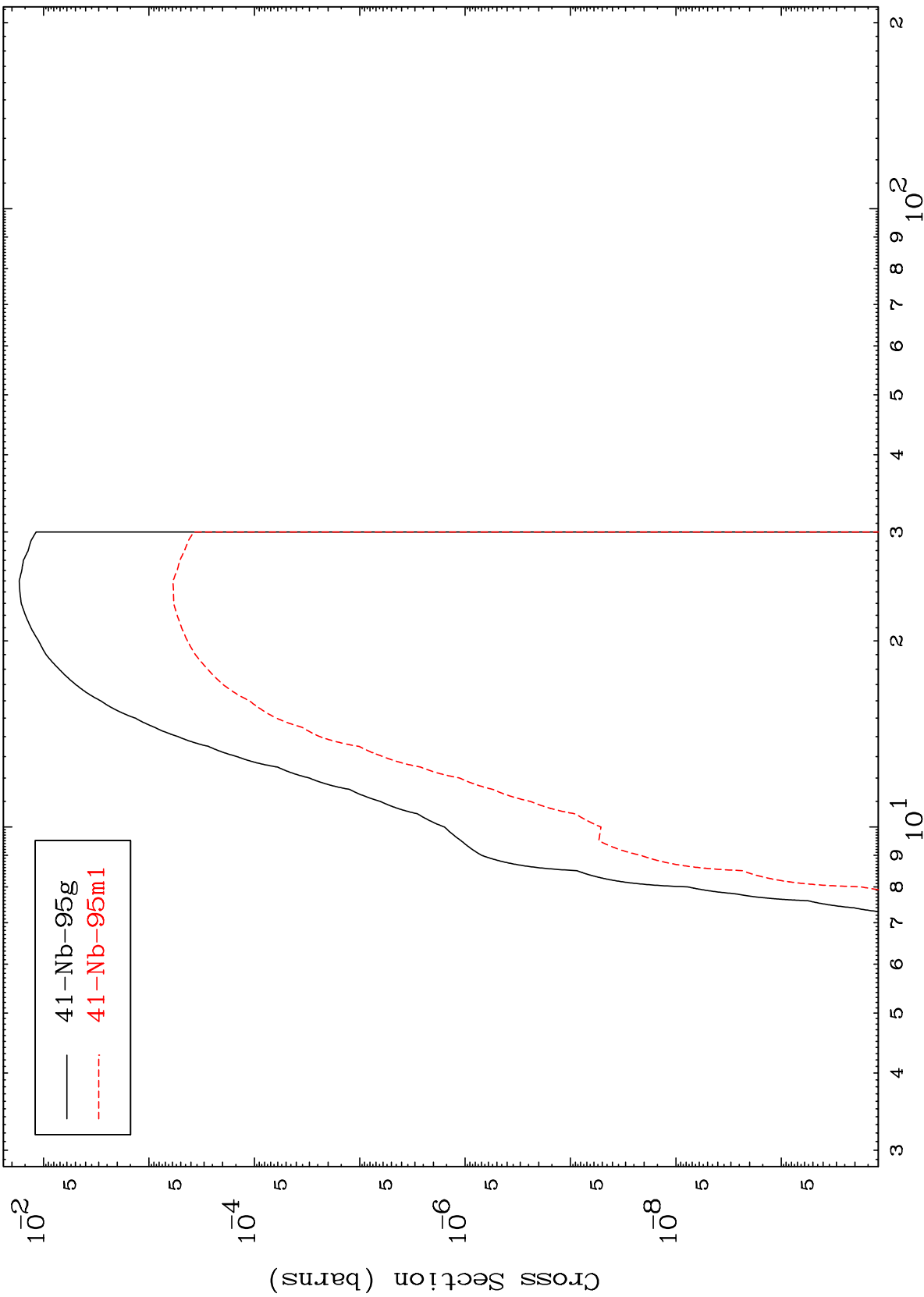
43-Tc-99

MAT 4325

(n,n') α

43-Tc-99

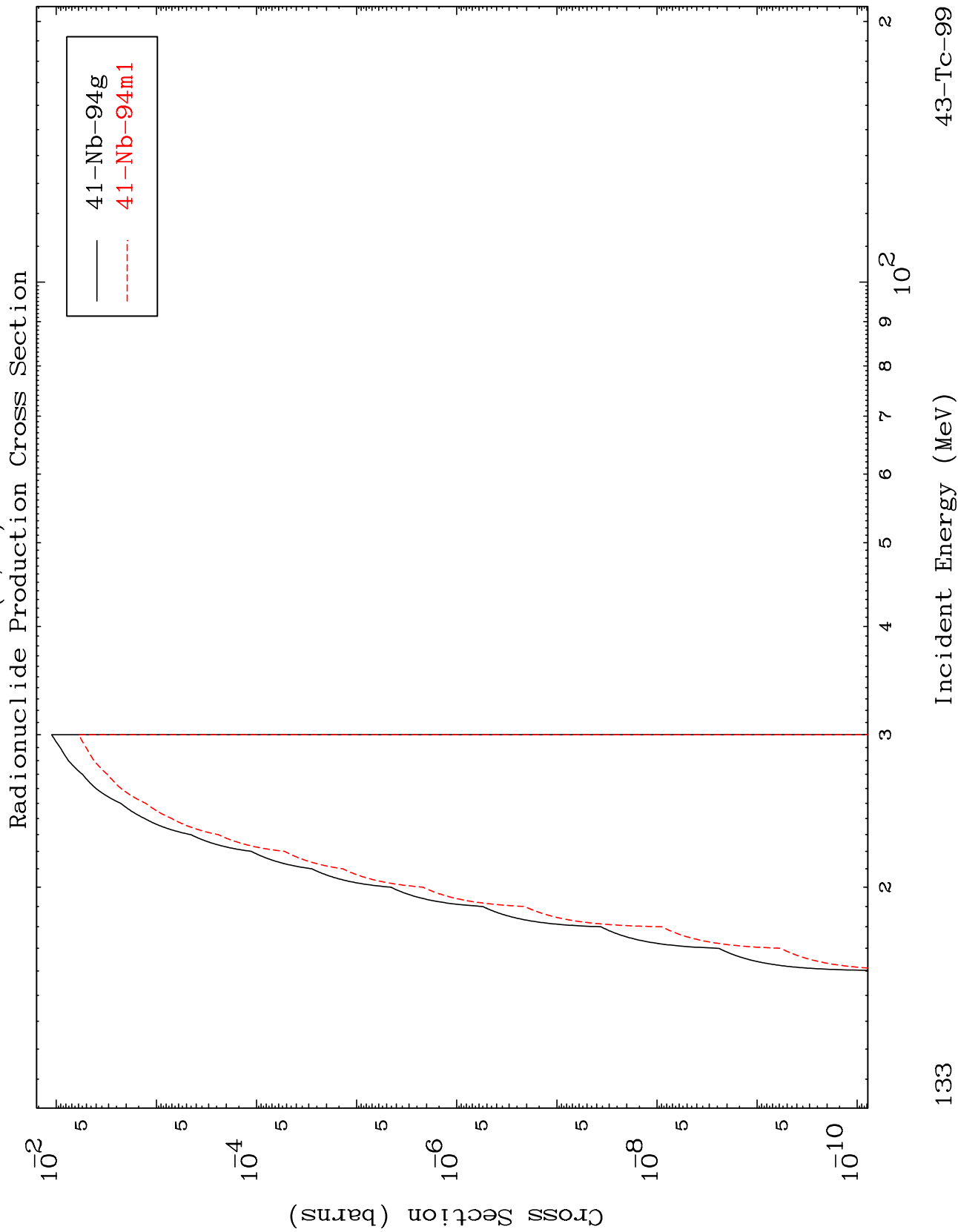
Radionuclide Production Cross Section



132

Incident Energy (MeV)

43-Tc-99

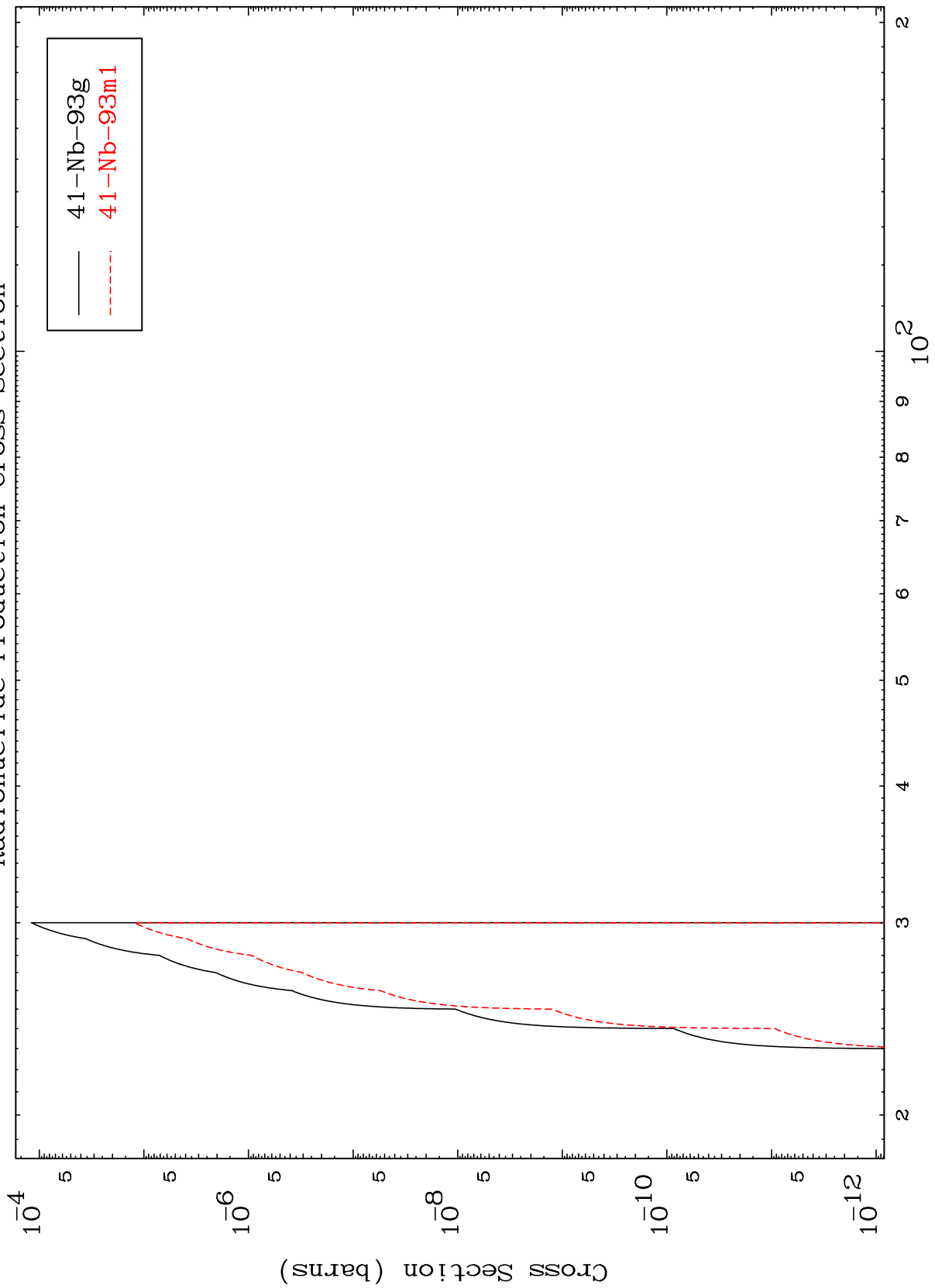


MAT 4325

(n,3n) α

43-Tc-99

Radionuclide Production Cross Section



134

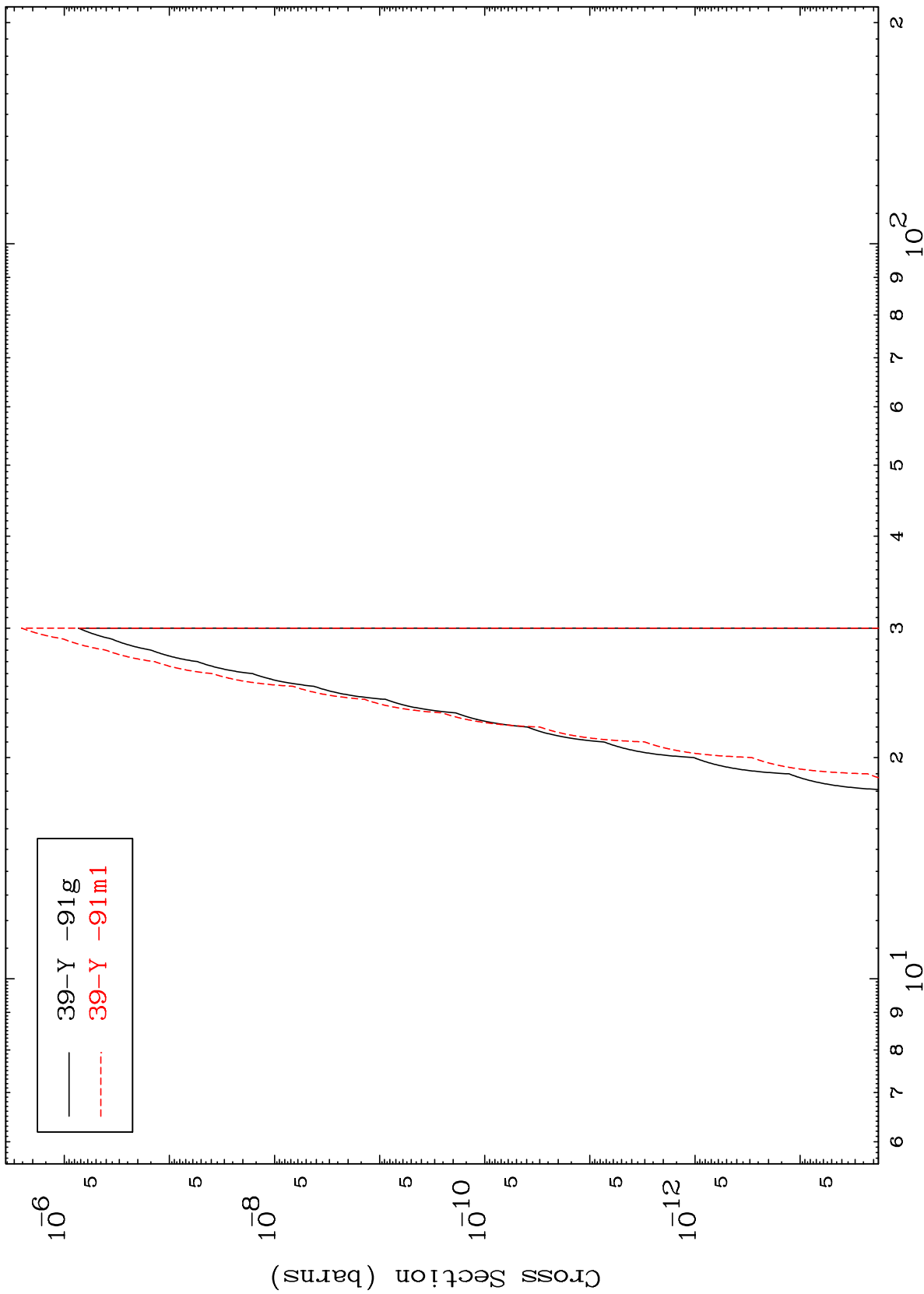
Incident Energy (MeV)

43-Tc-99

MAT 4325

43-Tc-99

(n,n') 2α
Radionuclide Production Cross Section



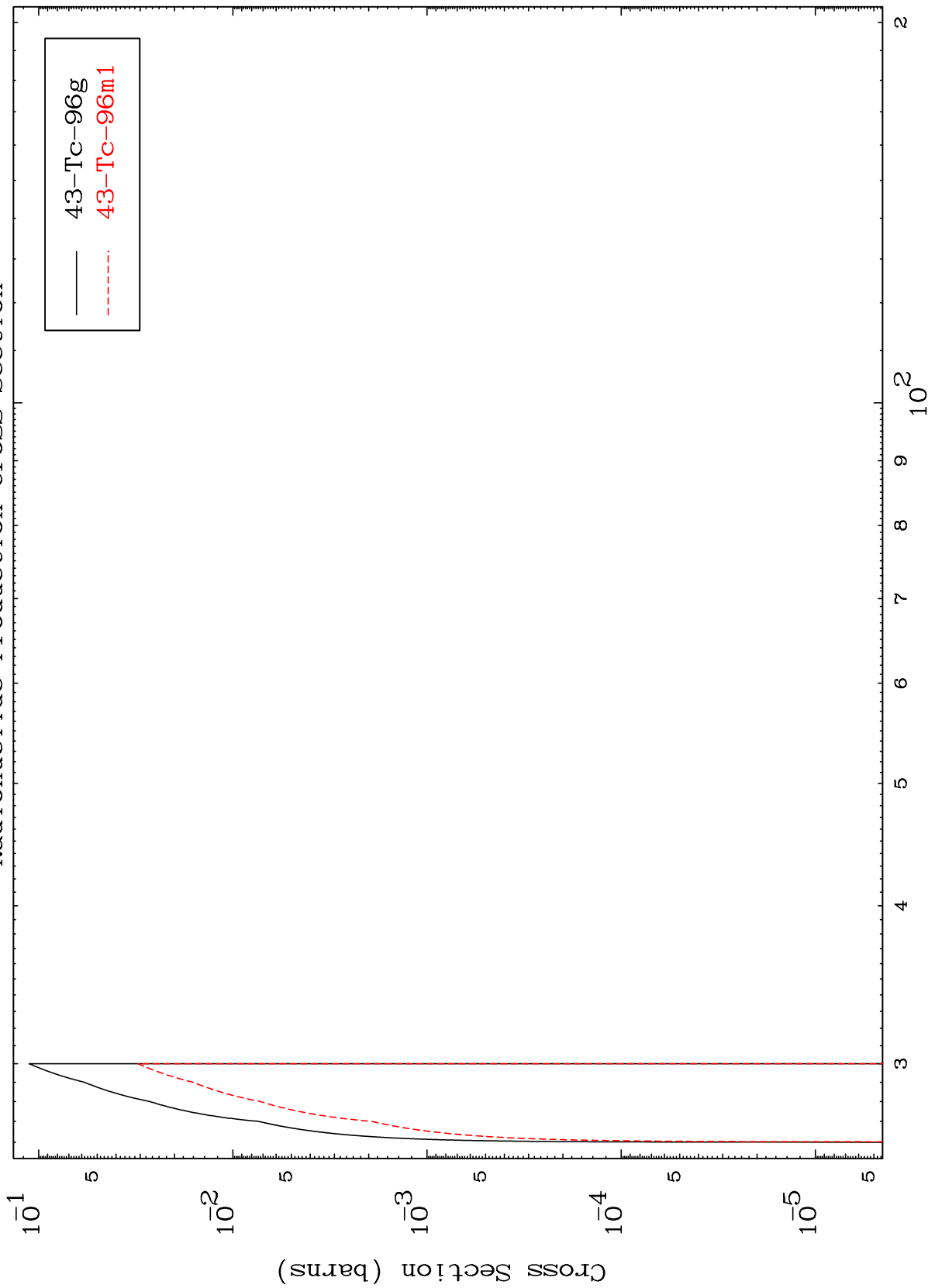
— 39-Y -91g
- - - 39-Y -91m1

135

Incident Energy (MeV)

43-Tc-99

(n,4n)
Radionuclide Production Cross Section

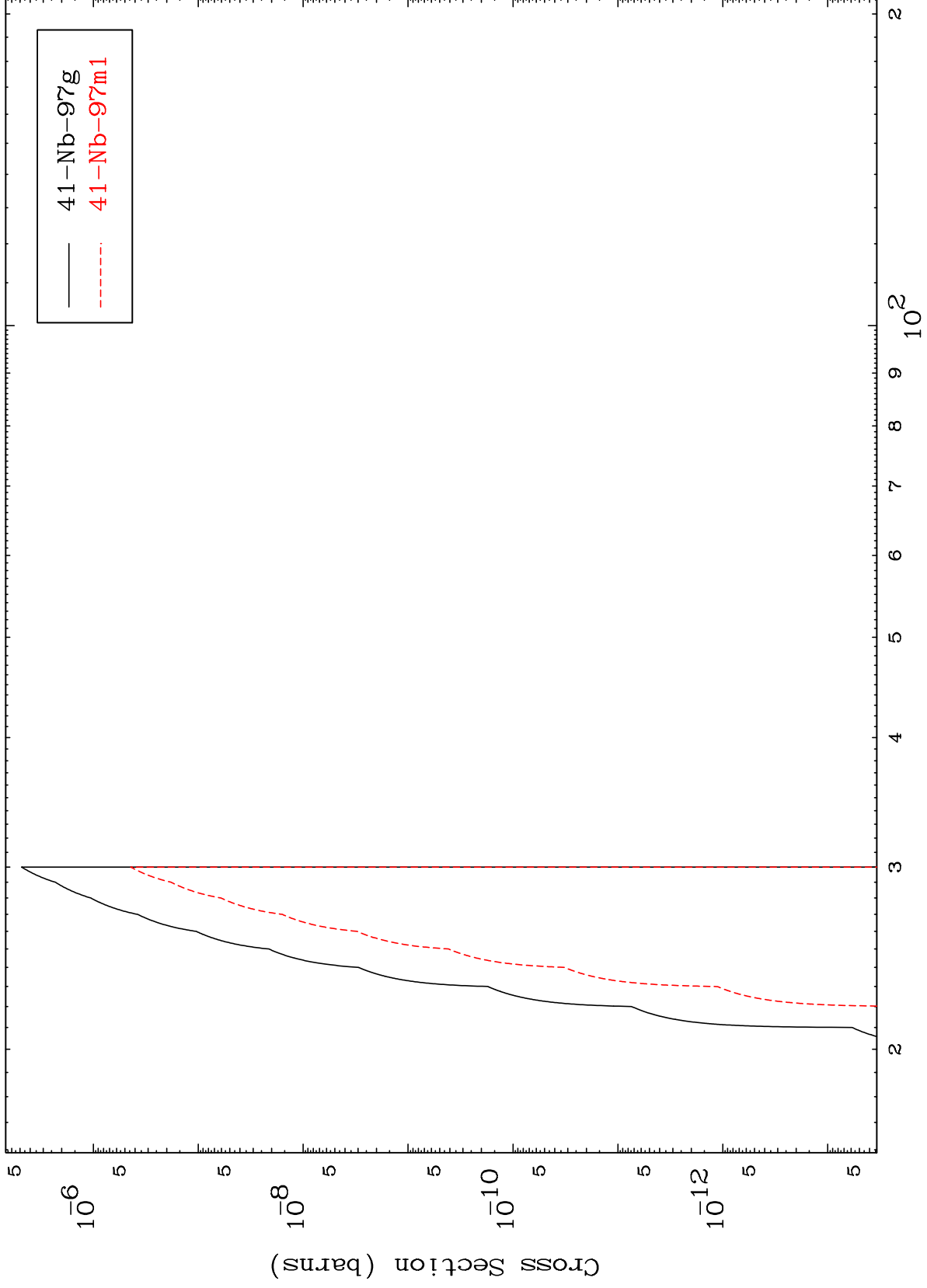


MAT 4325

(n,2n) p

43-Tc-99

Radionuclide Production Cross Section



137

Incident Energy (MeV)

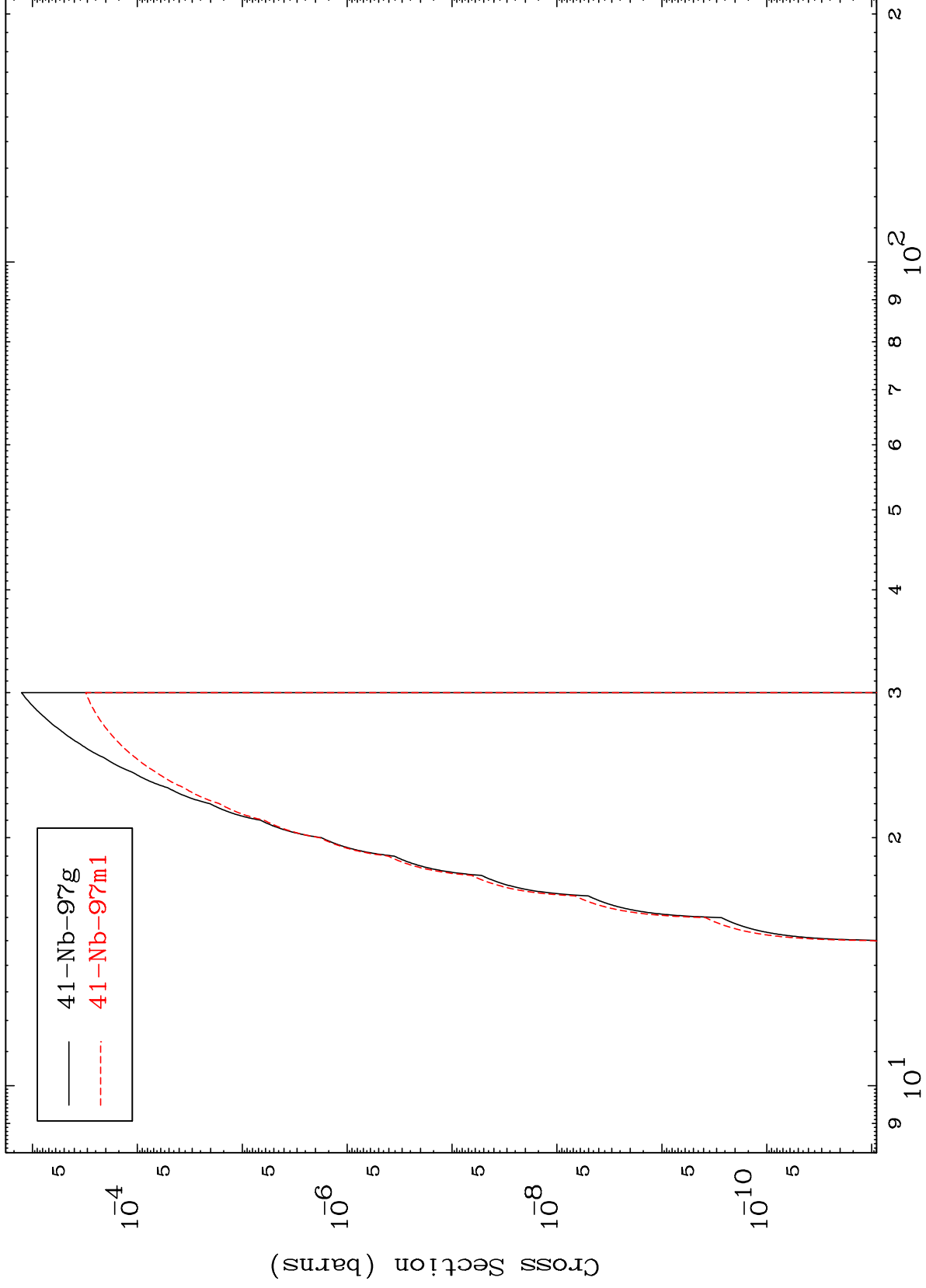
43-Tc-99

MAT 4325

(n,He-3)

43-Tc-99

Radionuclide Production Cross Section

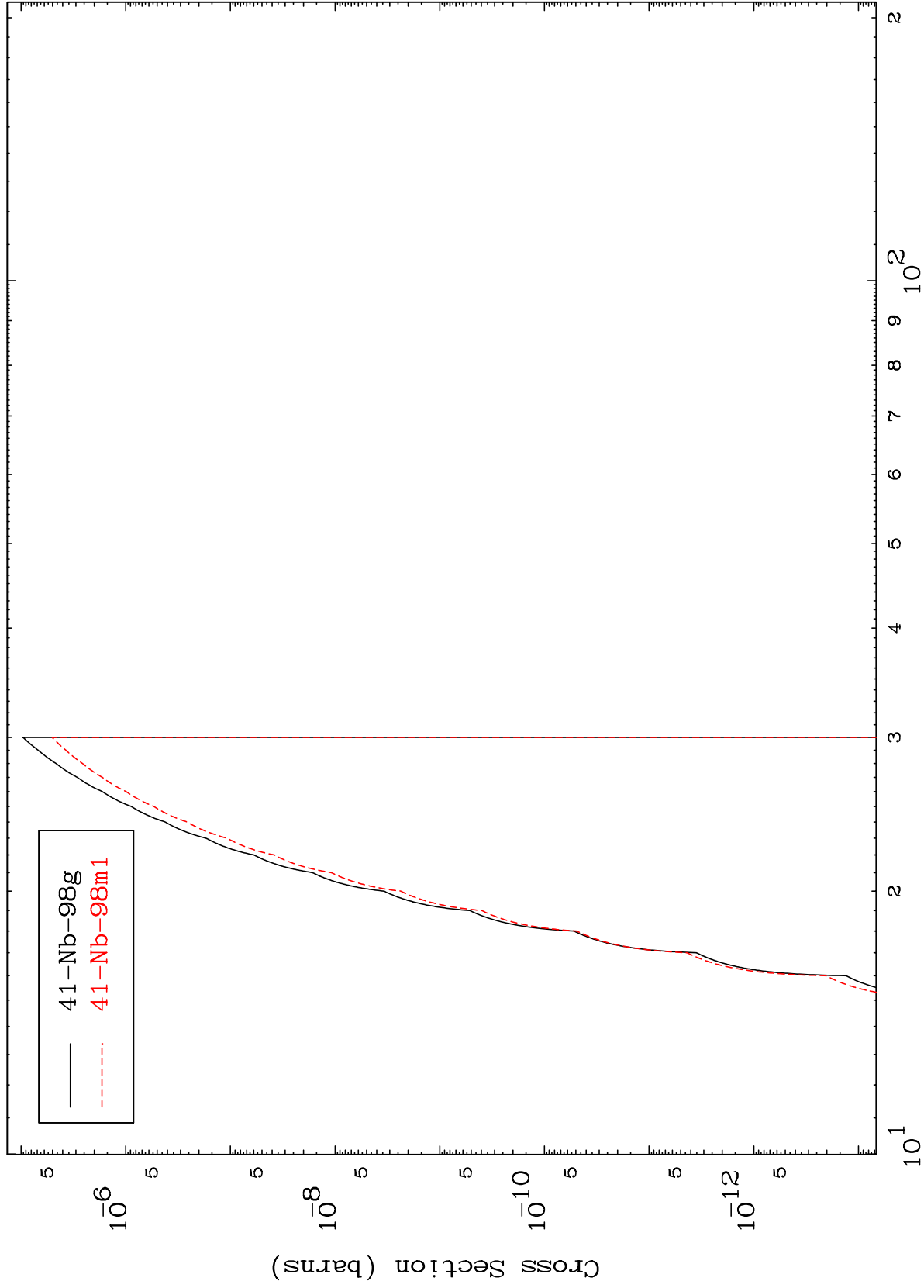


MAT 4325

(n,2p)

43-Tc-99

Radionuclide Production Cross Section



139

Incident Energy (MeV)

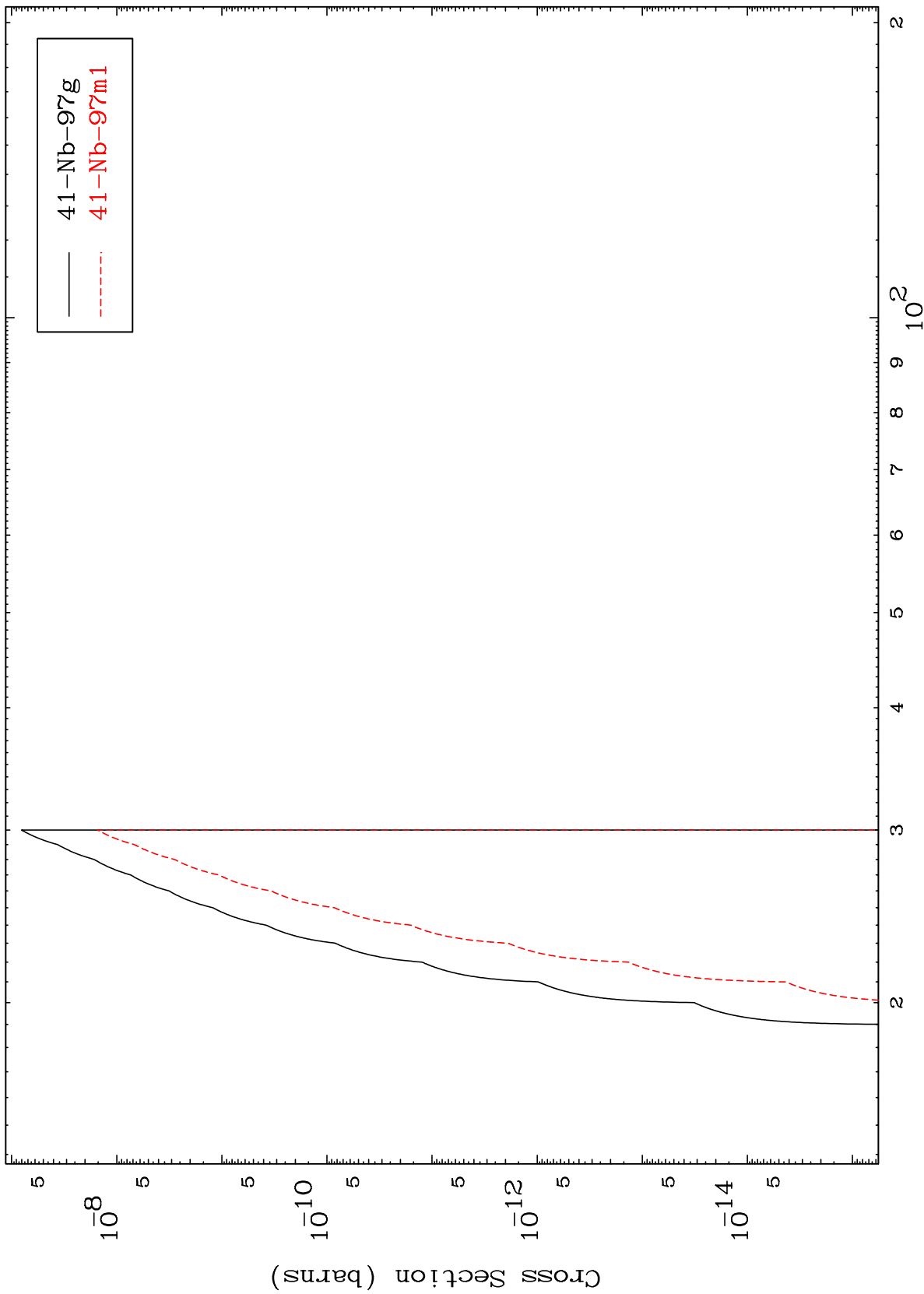
43-Tc-99

MAT 4325

(n,p) d

43-Tc-99

Radionuclide Production Cross Section



140

Incident Energy (MeV)

43-Tc-99