

Program EVALPLOT
(Version 2018-1)

by

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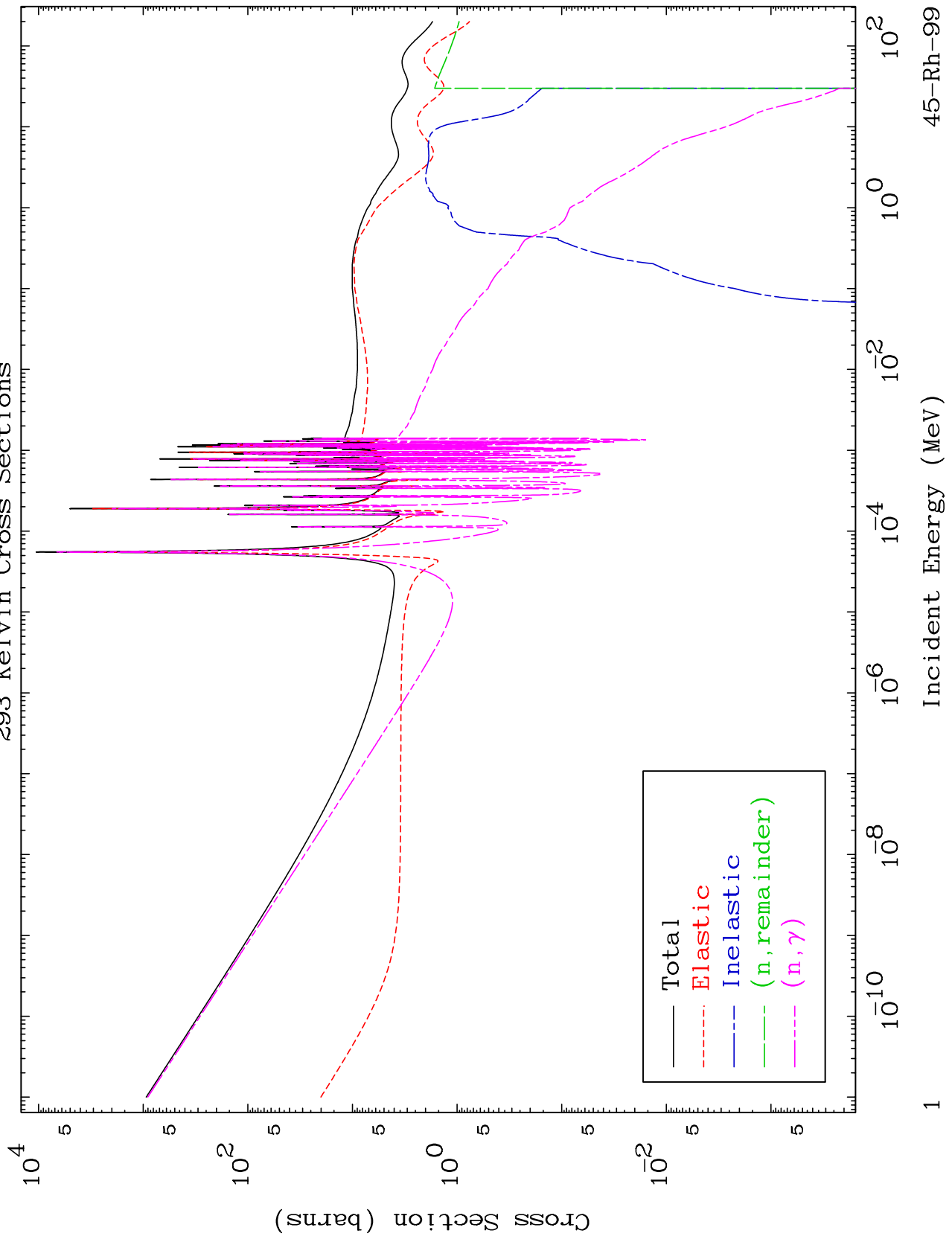
Press Mouse Button to Start

MAT 4513

Major

293 Kelvin Cross Sections

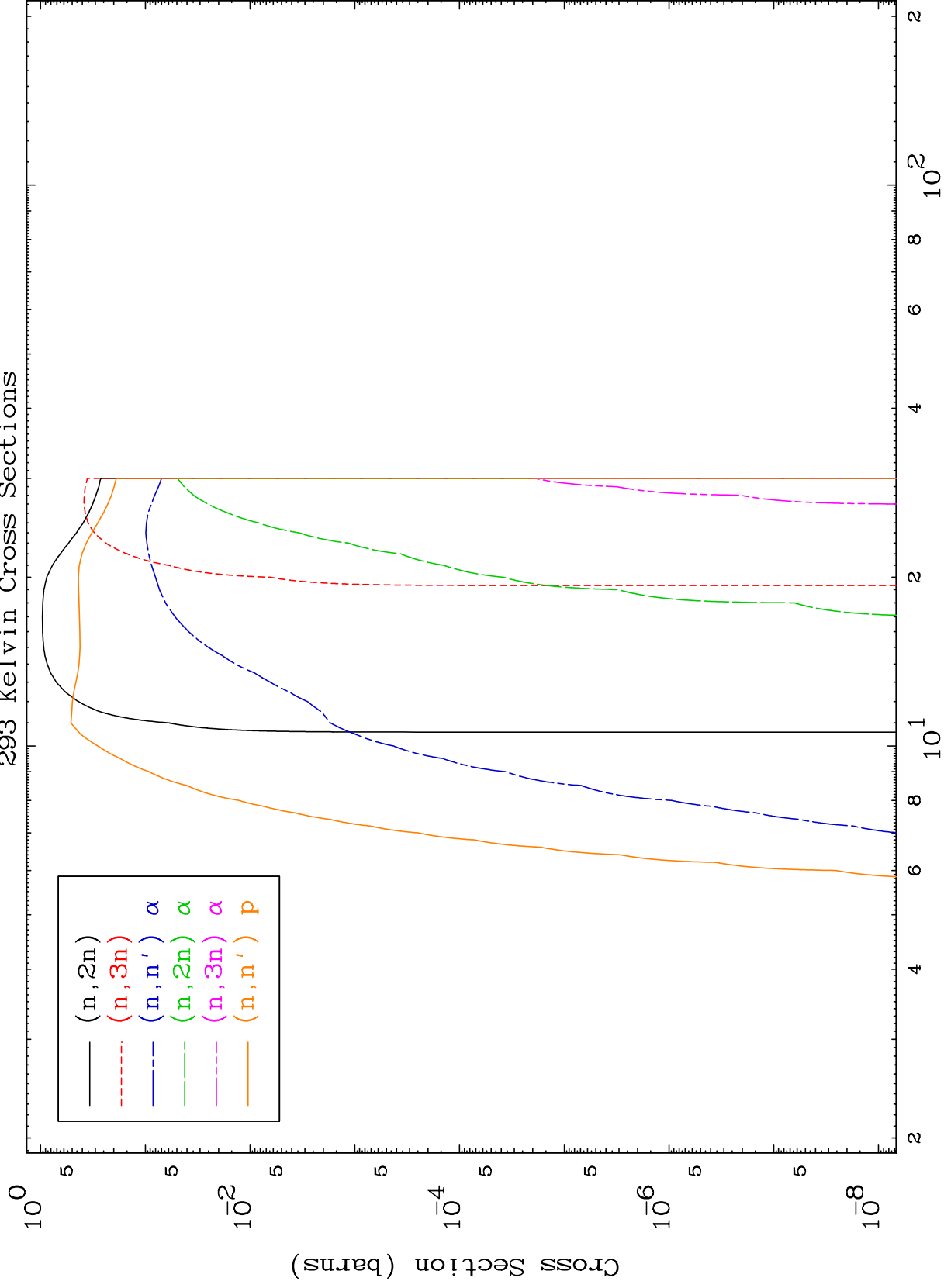
45-Rh-99



MAT 4513

Neutron Production
293 Kelvin Cross Sections

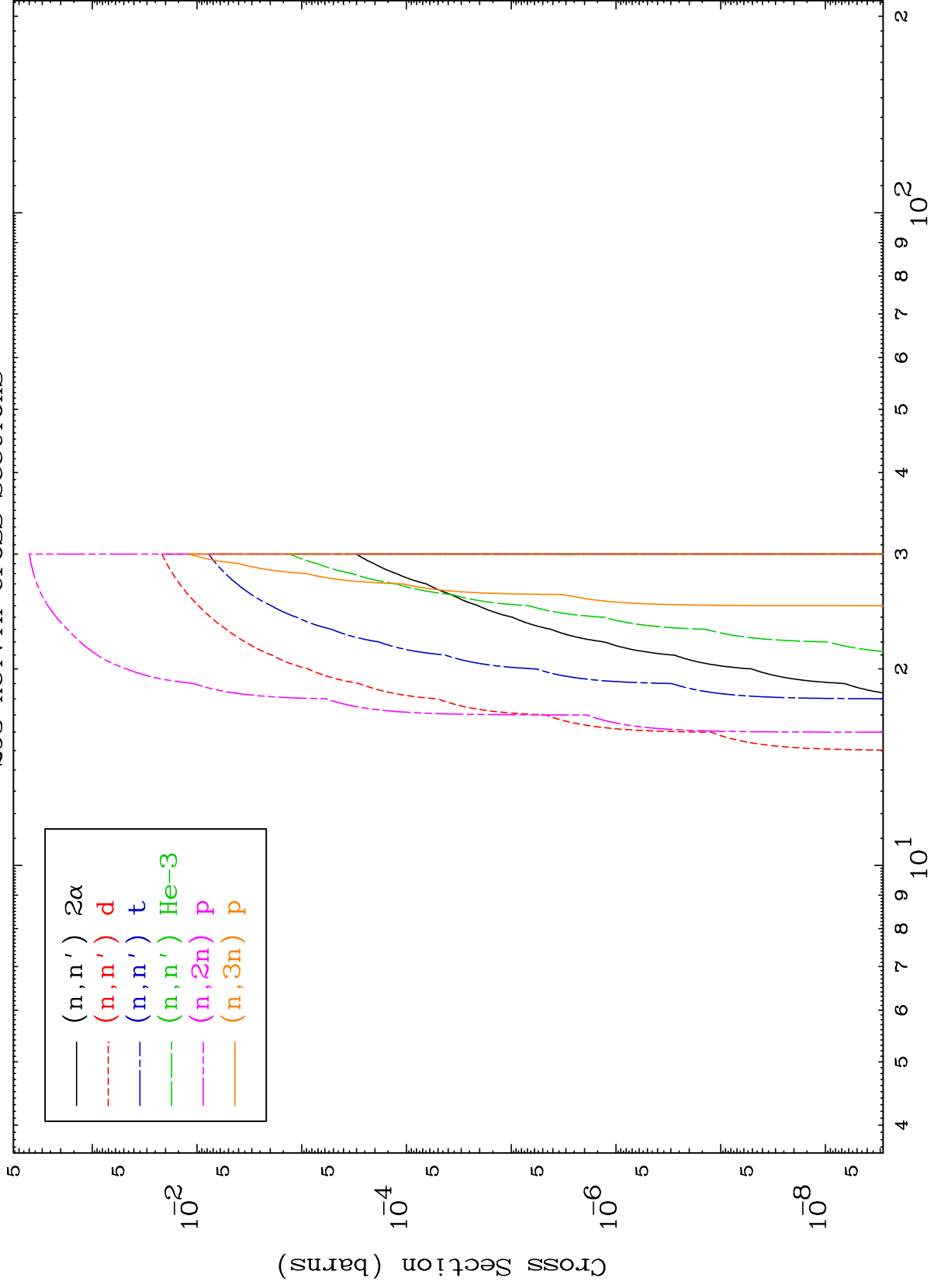
45-Rh-99

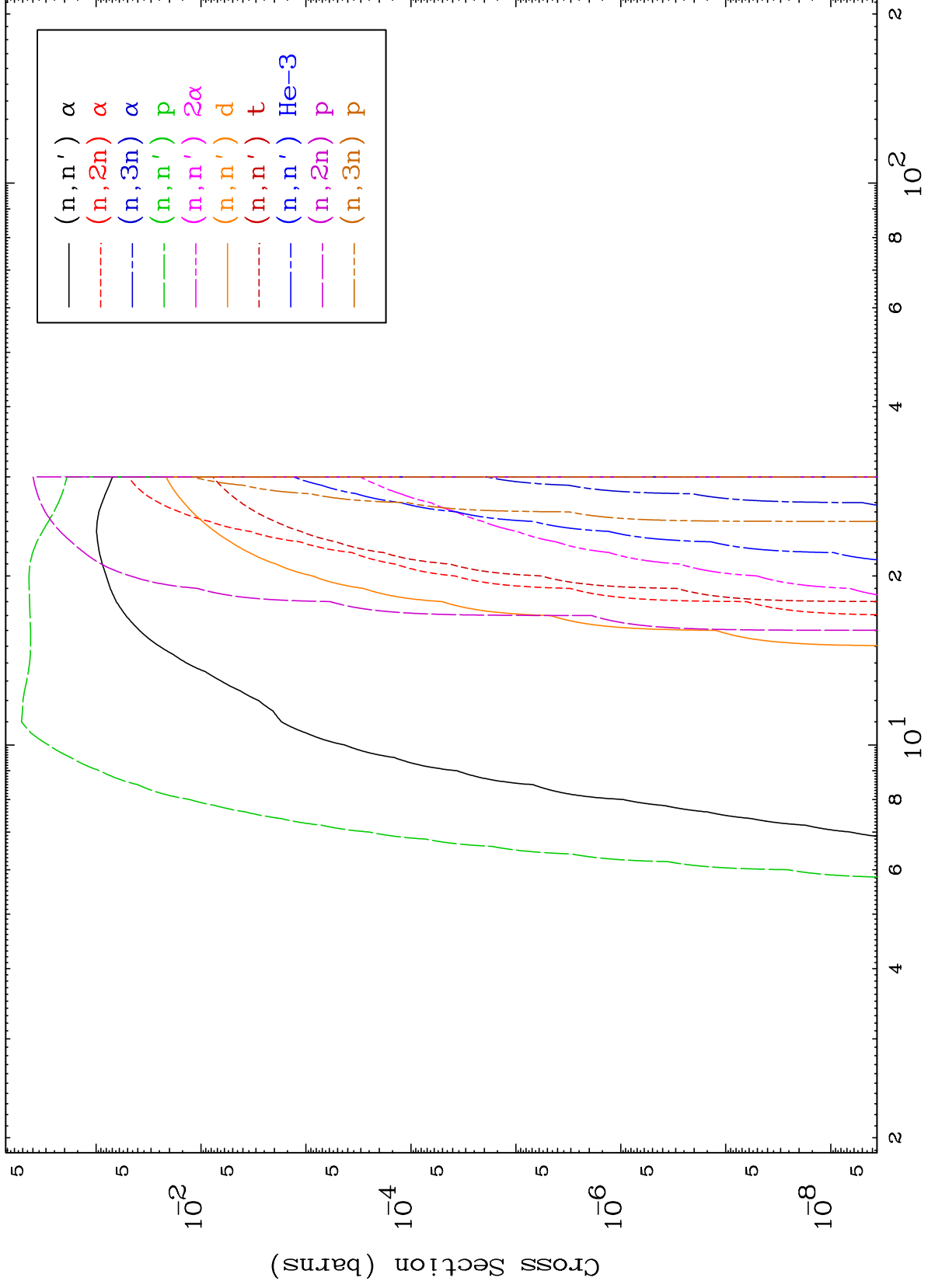


2

Incident Energy (MeV)

45-Rh-99

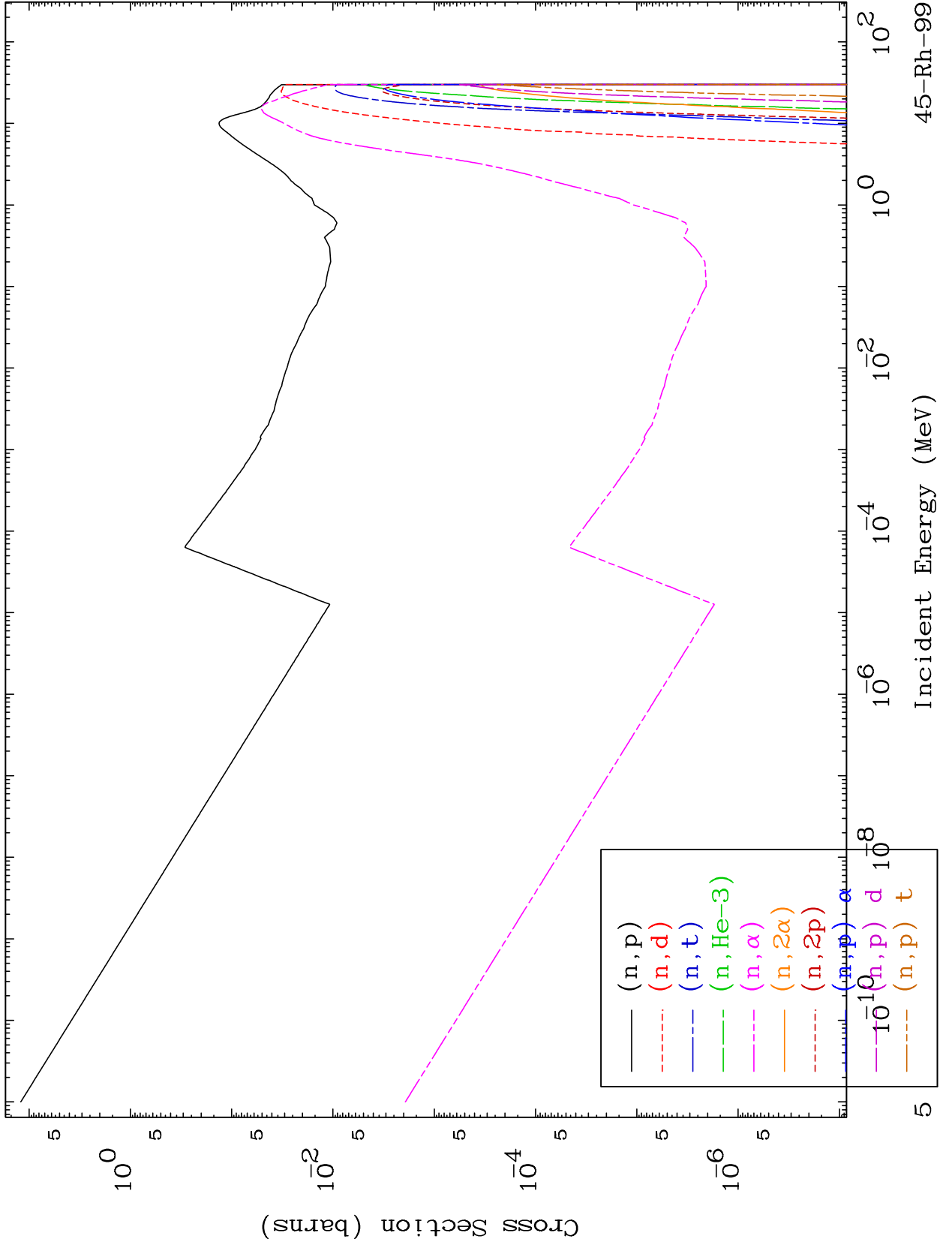




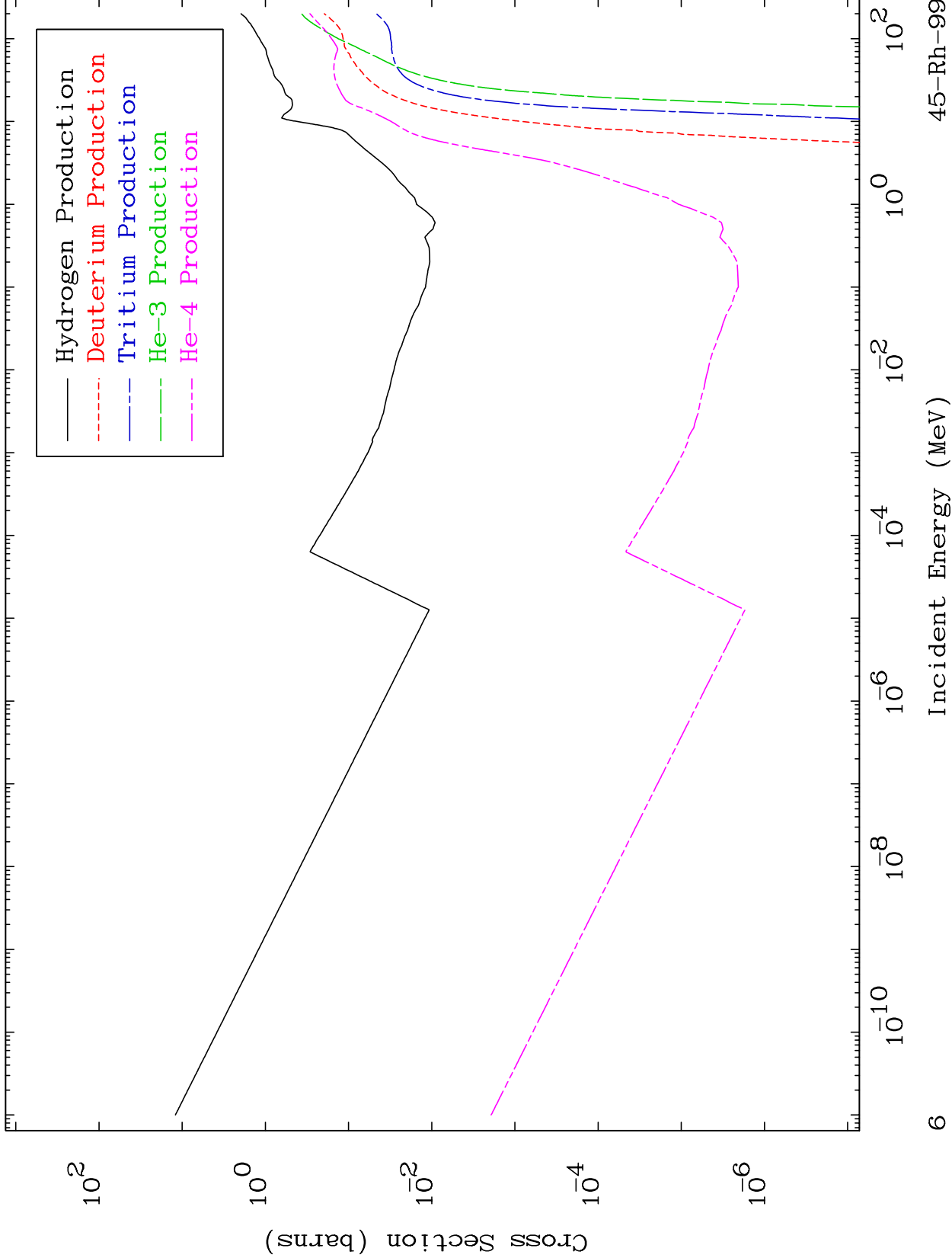
MAT 4513

Charged Particle
293 Kelvin Cross Sections

45-Rh-99



45-Rh-99

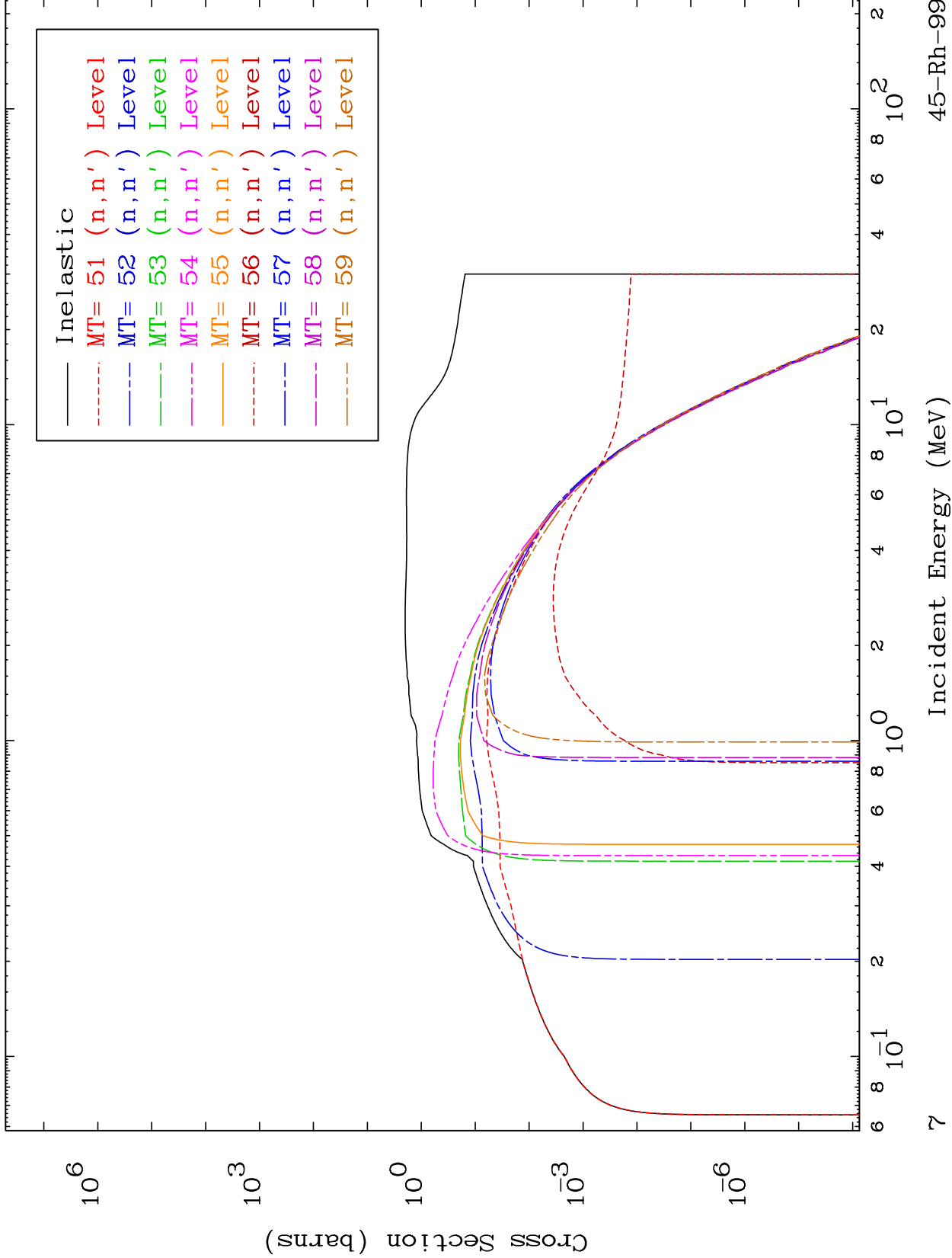


MAT 4513

(n,n') Level

45-Rh-99

293 Kelvin Cross Sections



7

Incident Energy (MeV)

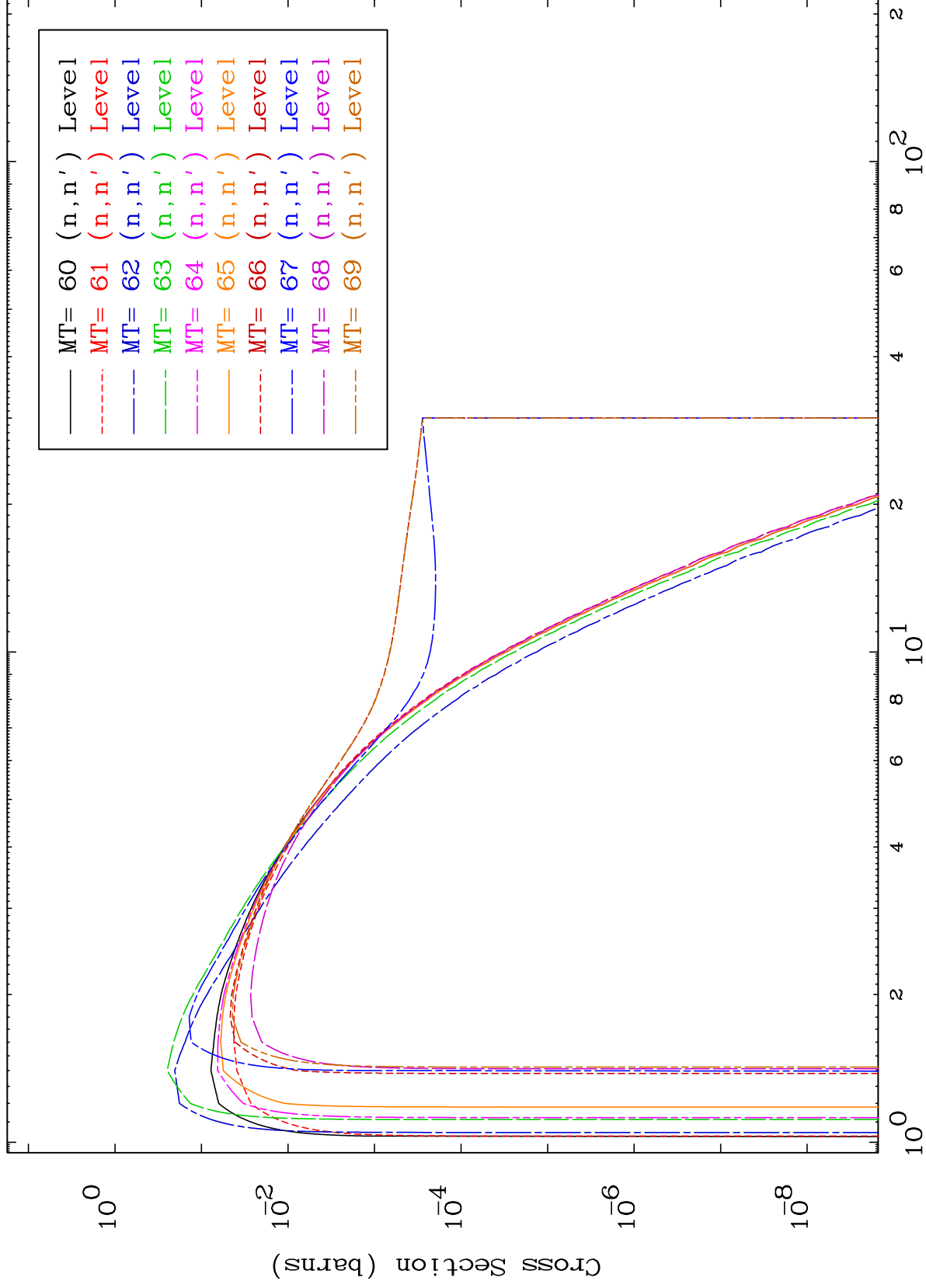
45-Rh-99

MAT 4513

(n,n') Level

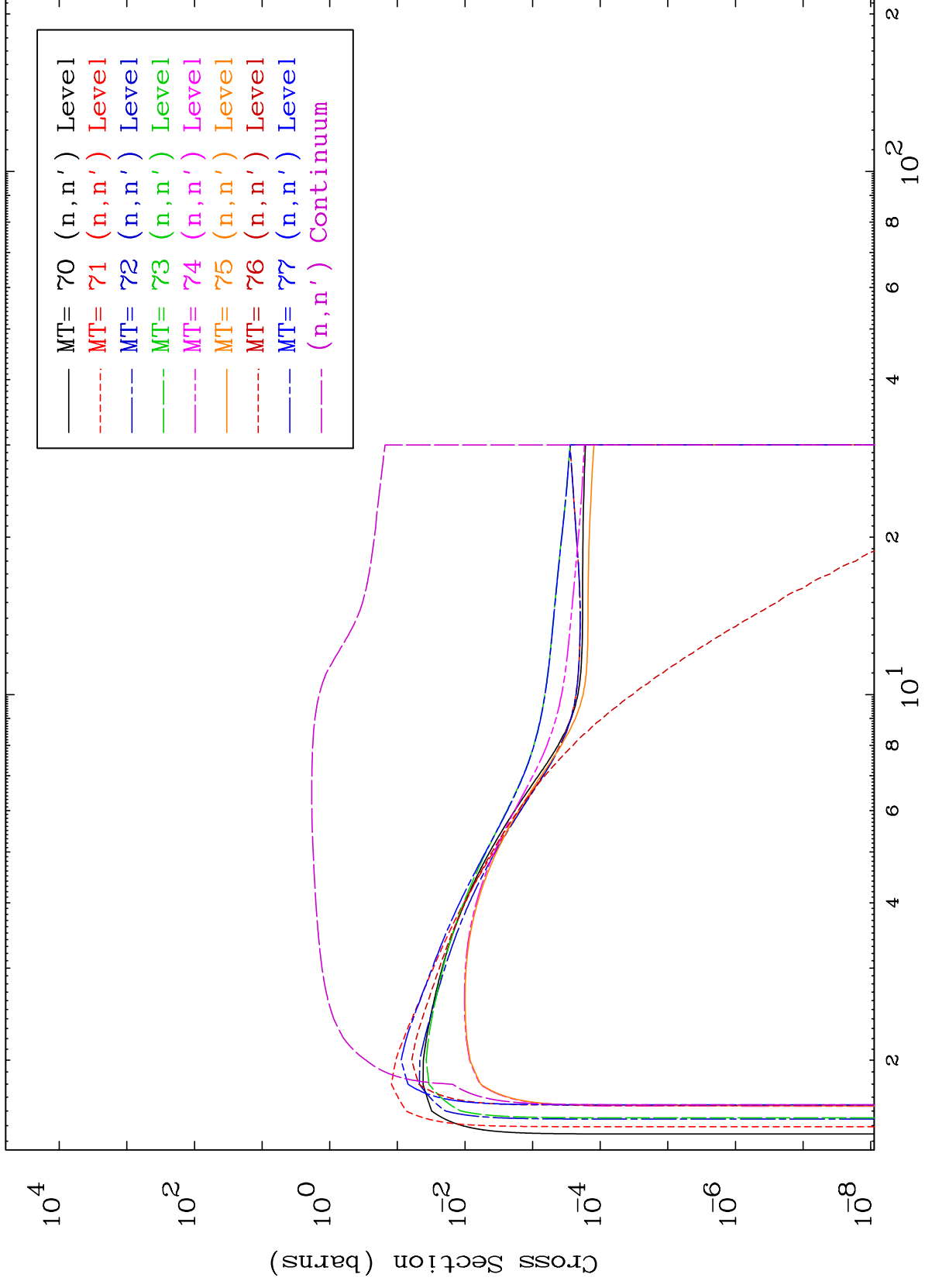
45-Rh-99

293 Kelvin Cross Sections



Incident Energy (MeV)

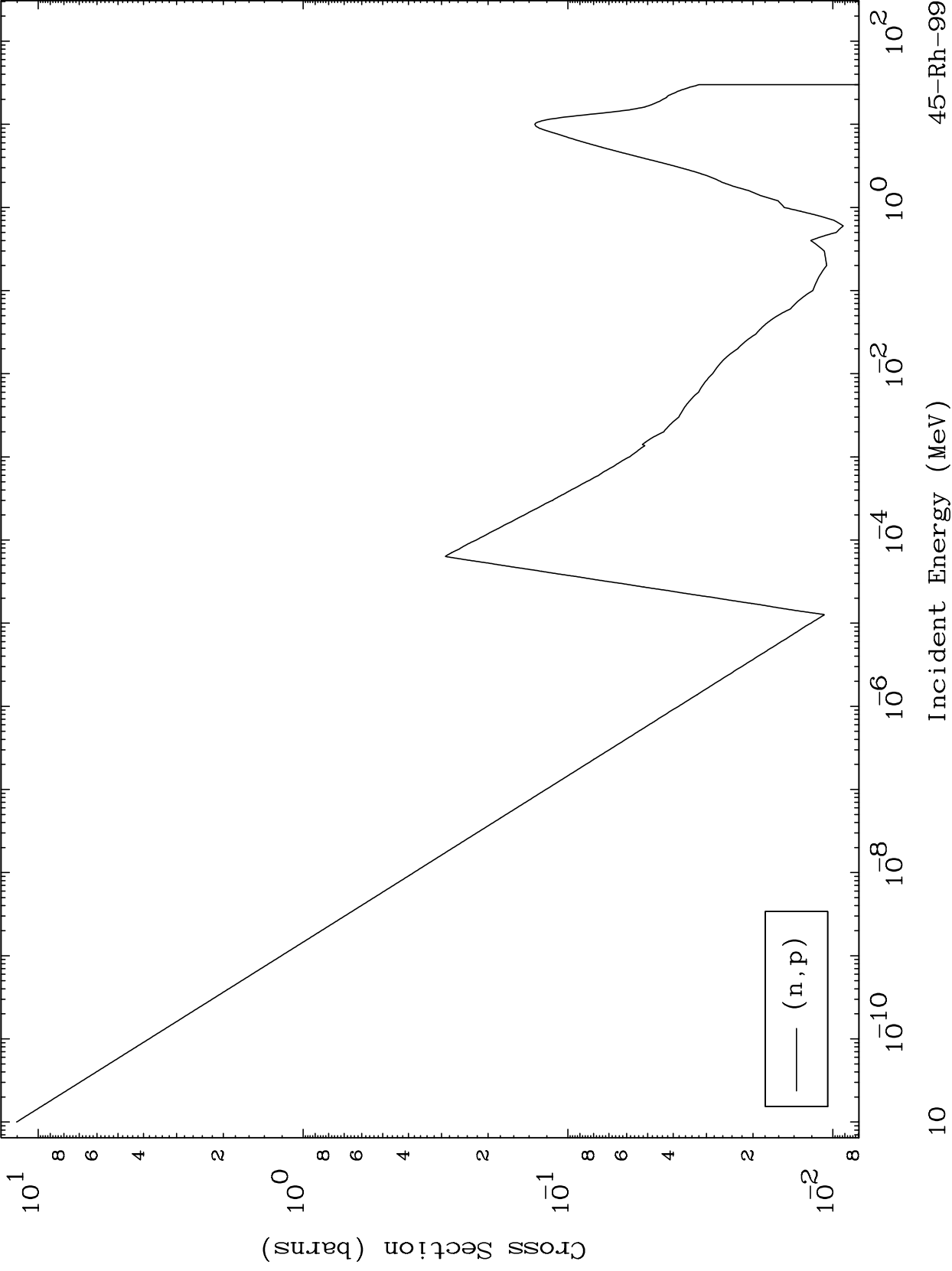
45-Rh-99



MAT 4513

(n,p) Levels
293 Kelvin Cross Sections

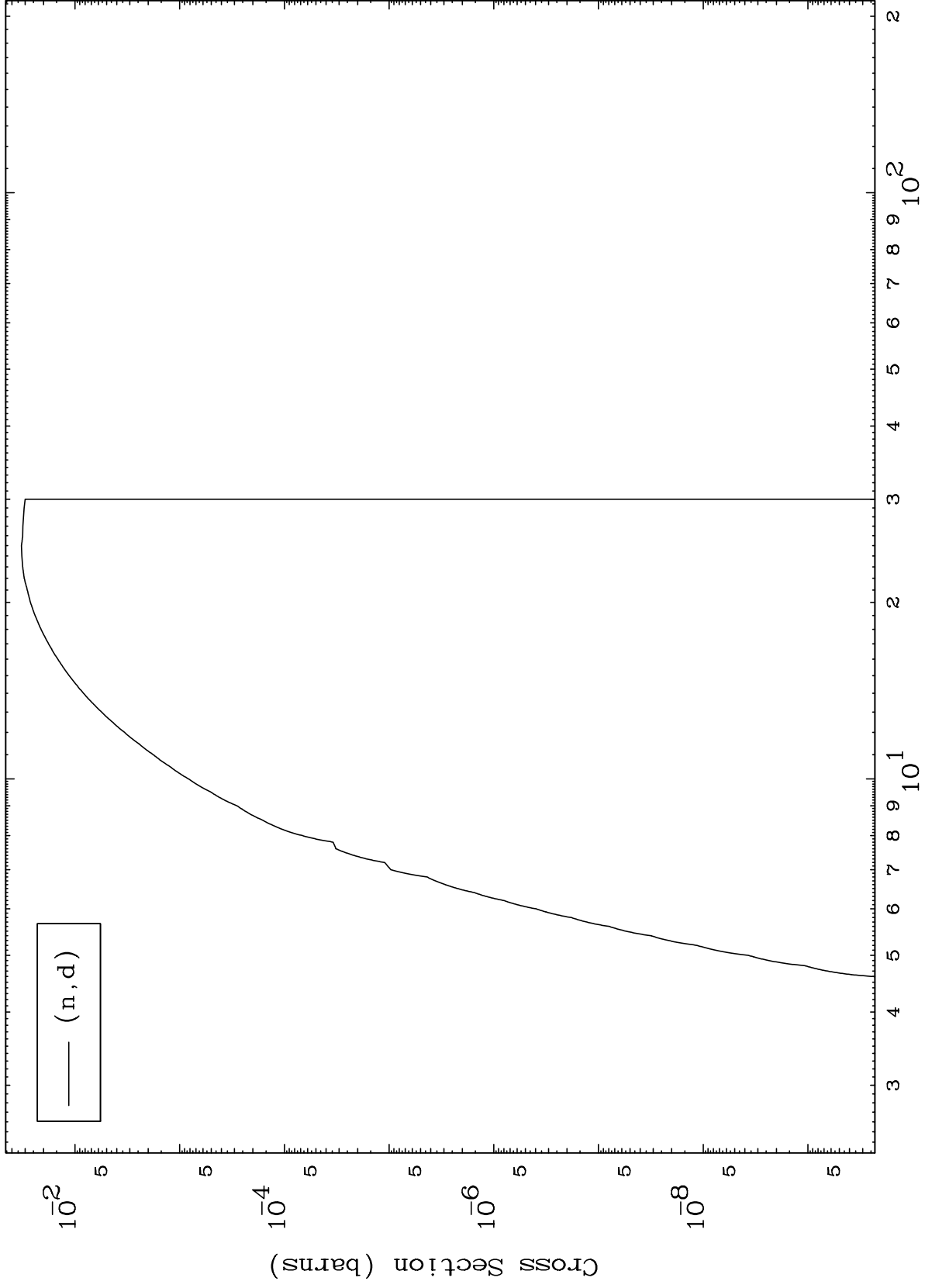
45-Rh-99



MAT 4513

(n,d) Levels
293 Kelvin Cross Sections

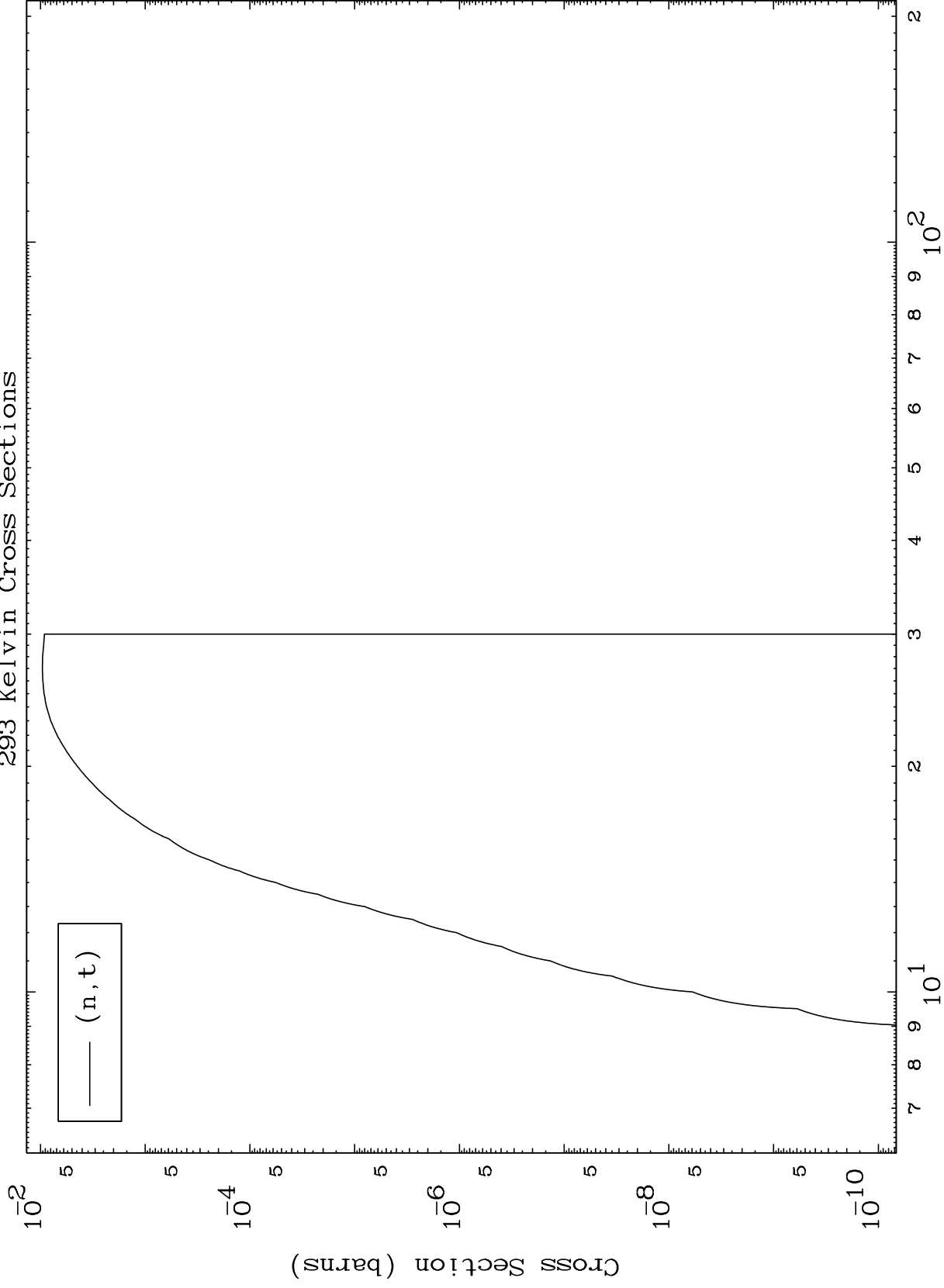
45-Rh-99



MAT 4513

(n, t) Levels
293 Kelvin Cross Sections

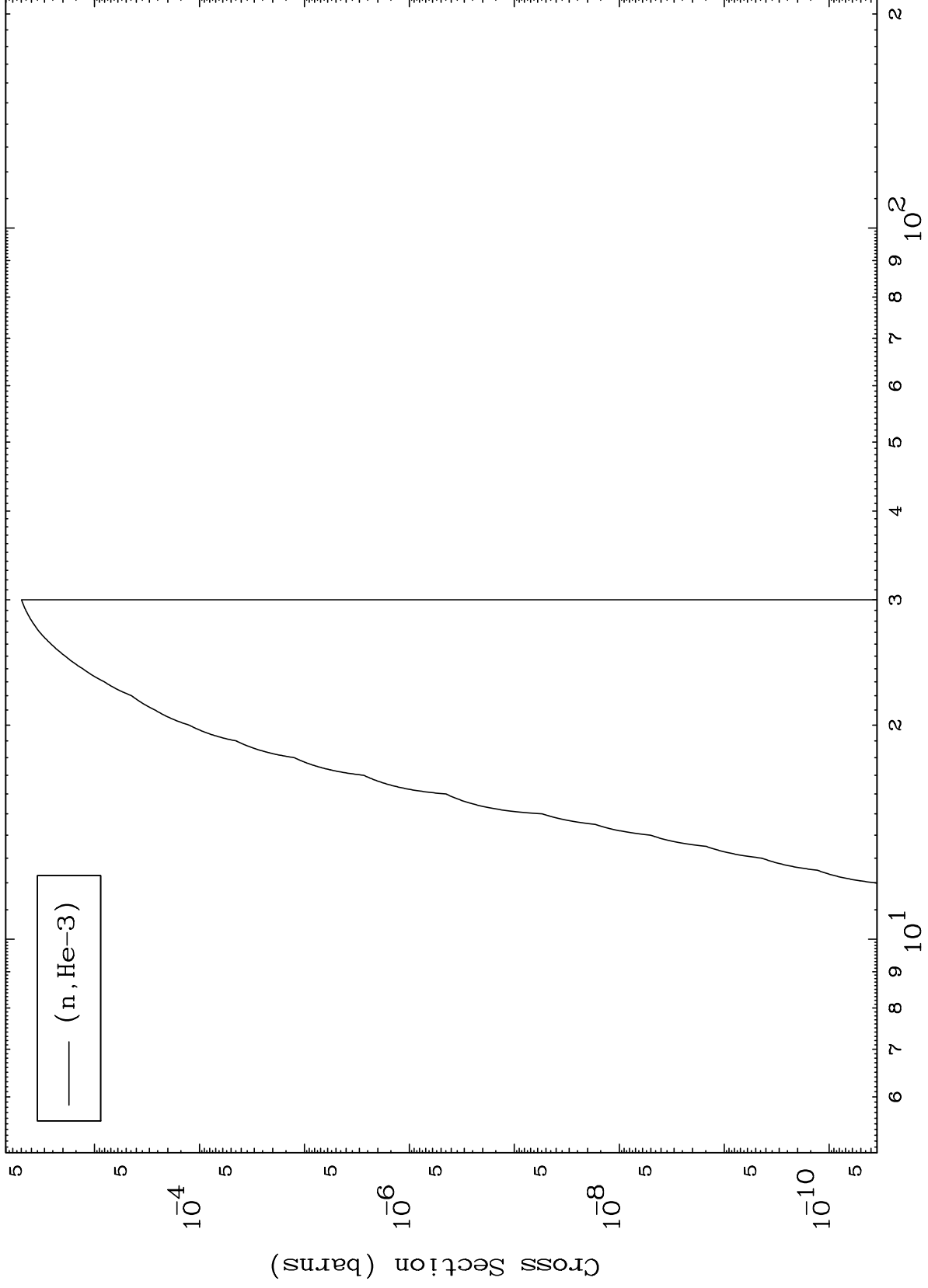
45-Rh-99



12

Incident Energy (MeV)

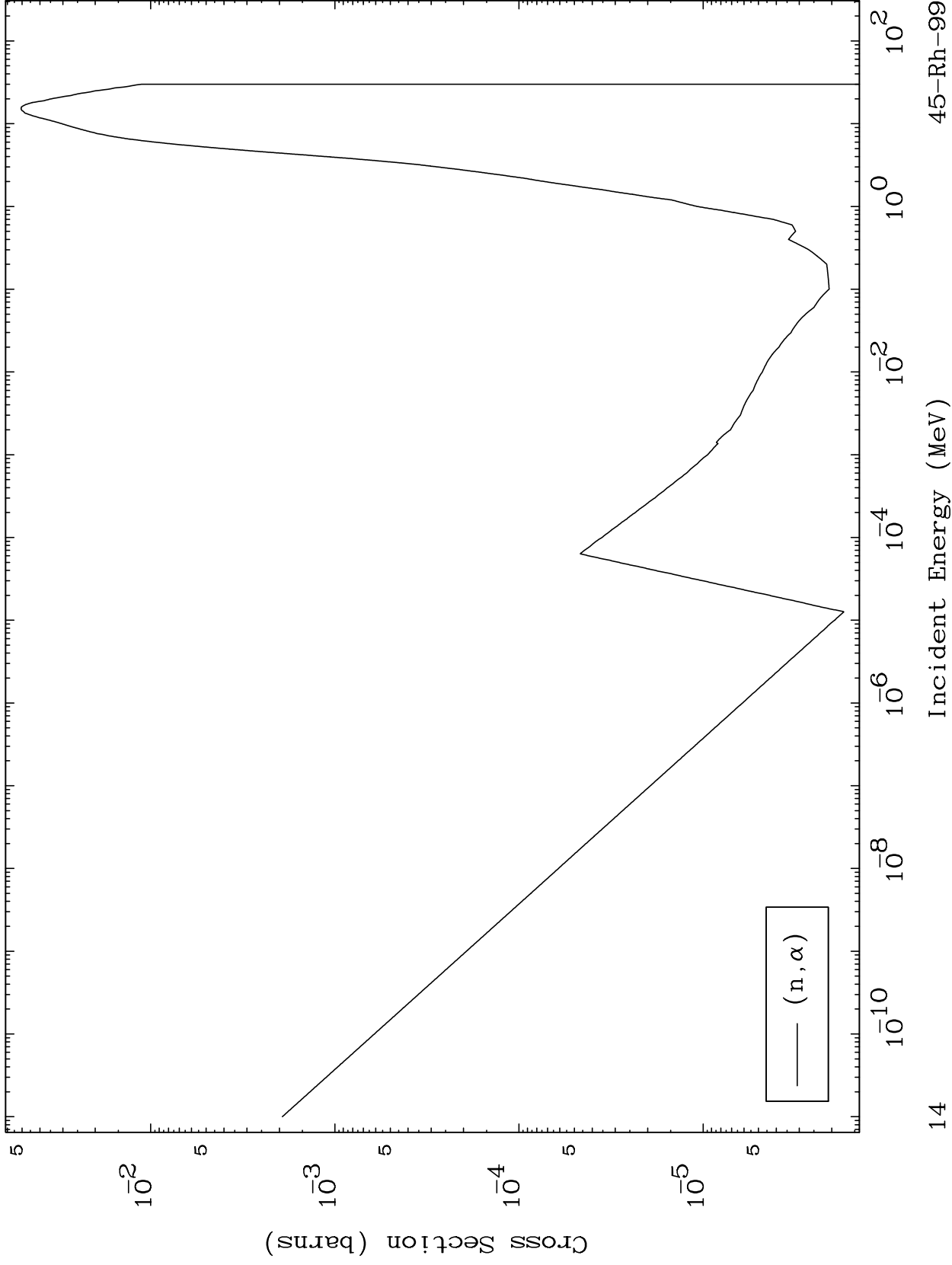
45-Rh-99

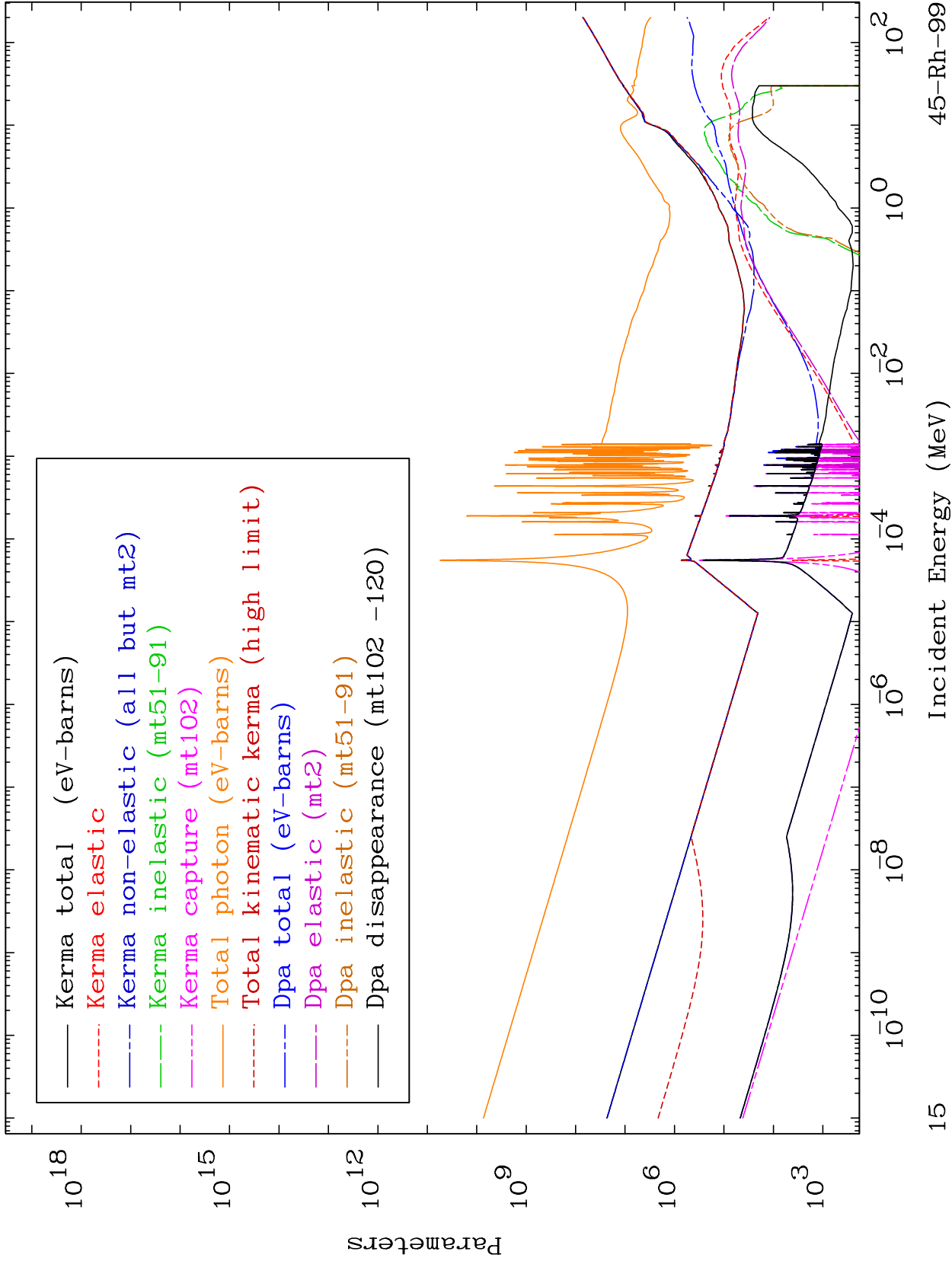


MAT 4513

(n,α) Levels
293 Kelvin Cross Sections

45-Rh-99

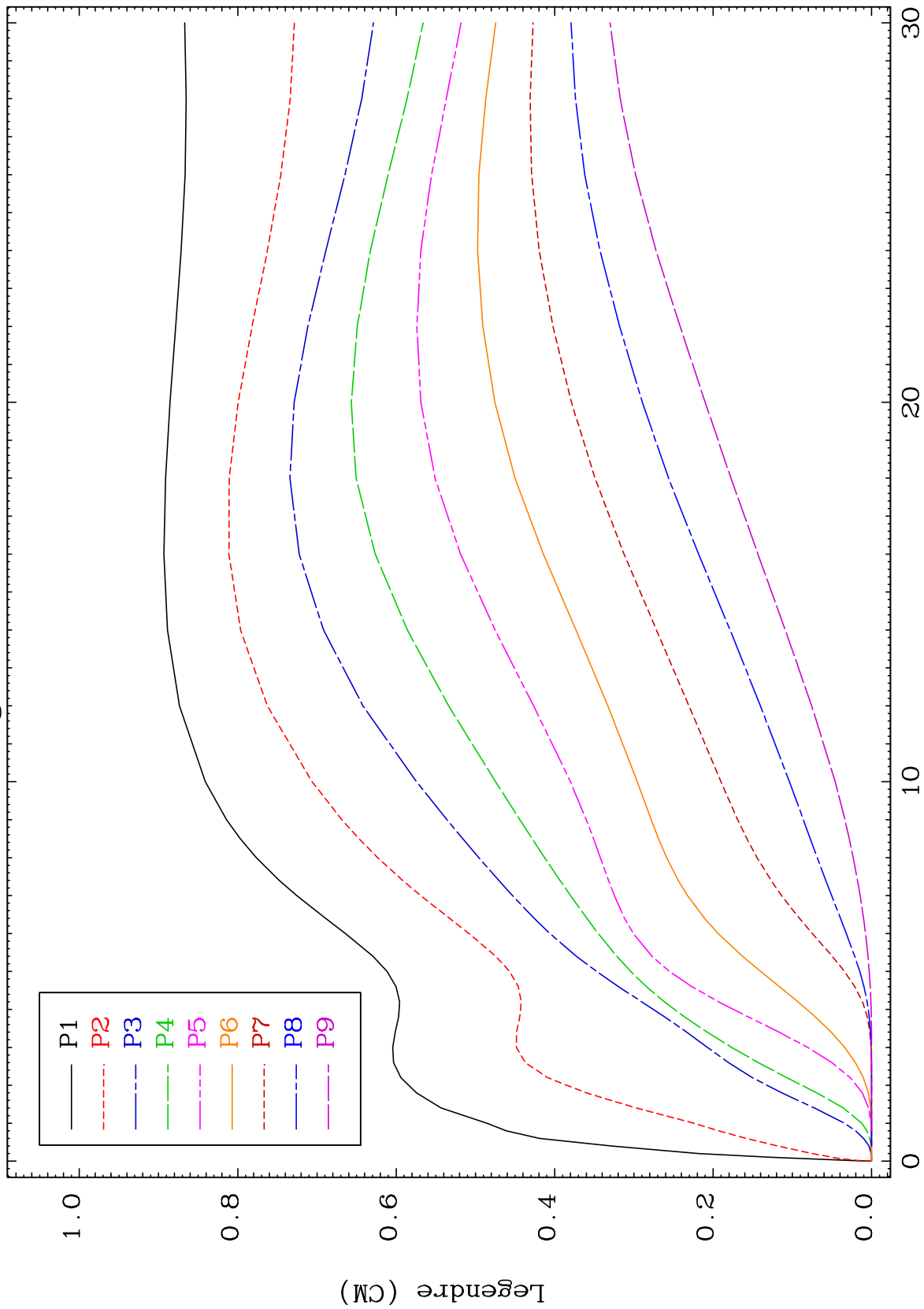




MAT 4513

Elastic Legendre Coefficients

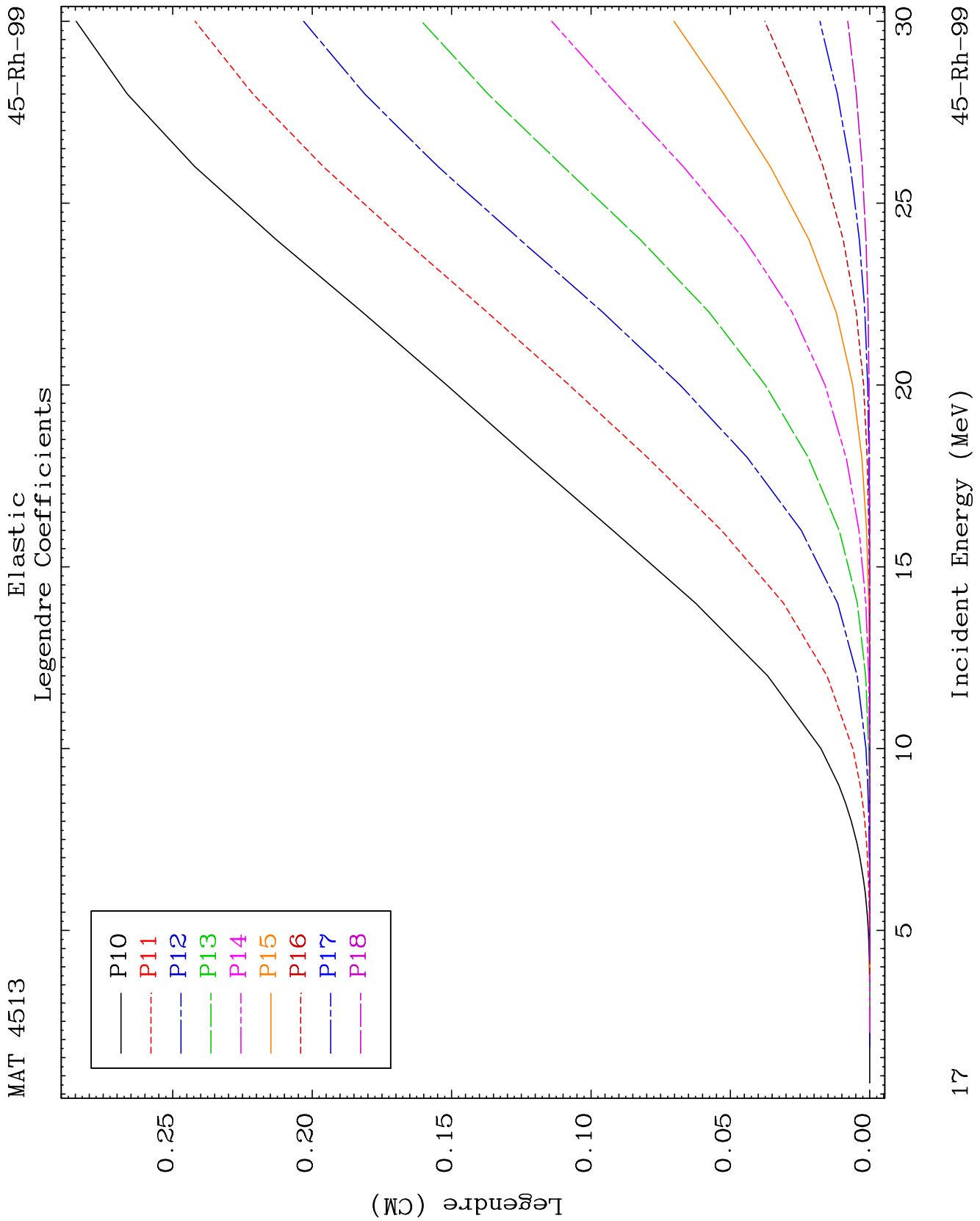
45-Rh-99



16

Incident Energy (MeV)

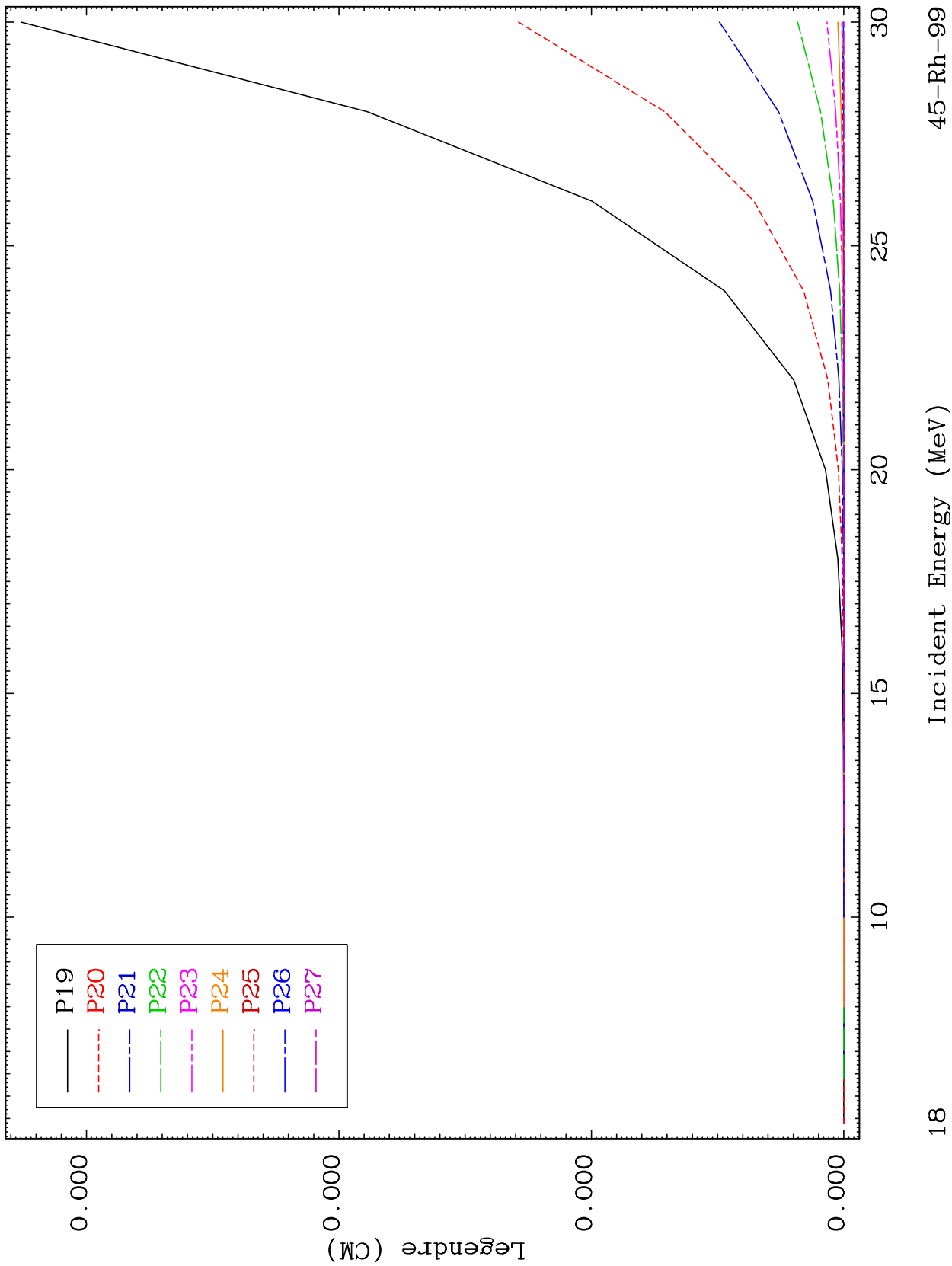
45-Rh-99



MAT 4513

Elastic Legendre Coefficients

45-Rh-99



18

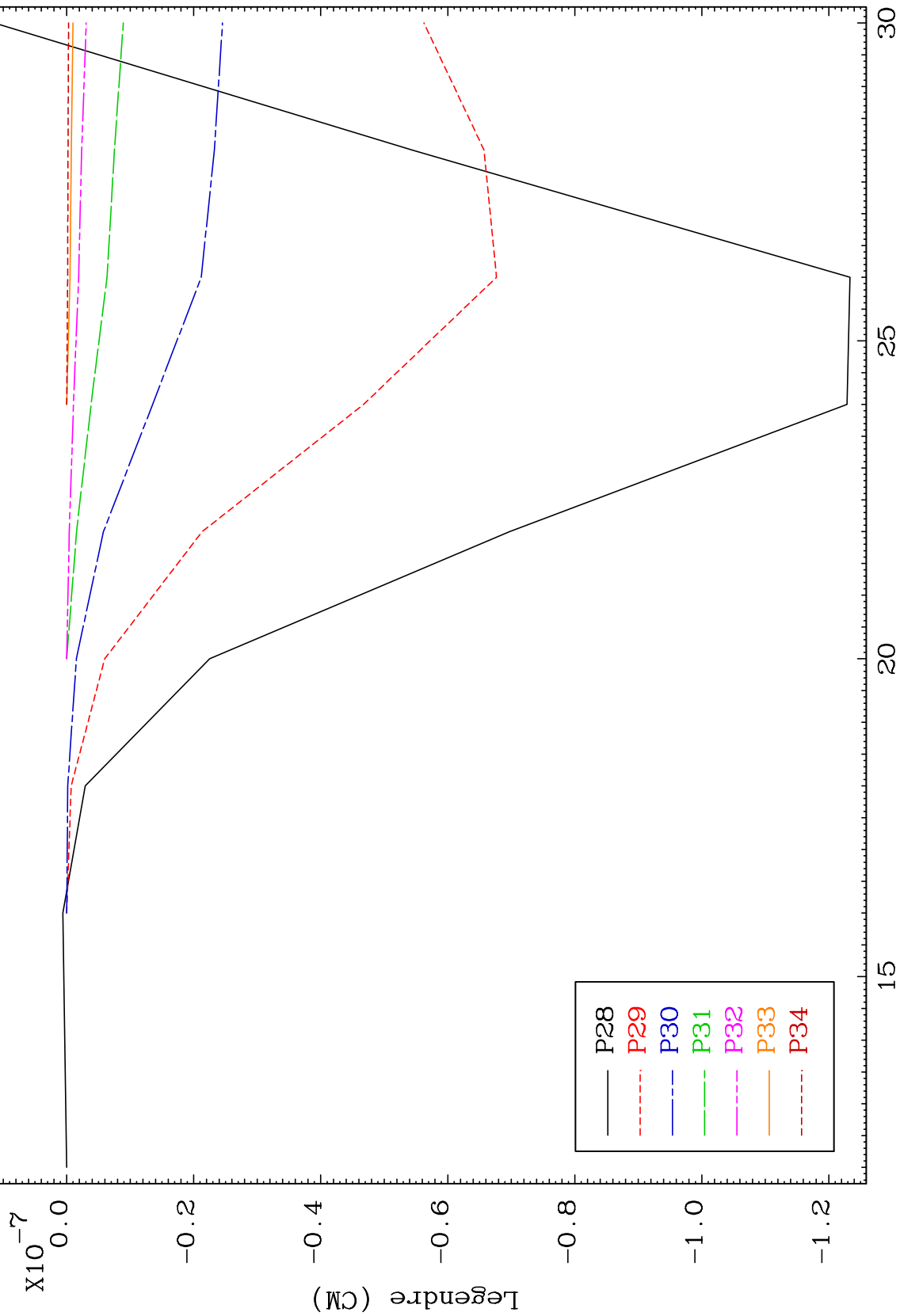
Incident Energy (MeV)

45-Rh-99

MAT 4513

Elastic Legendre Coefficients

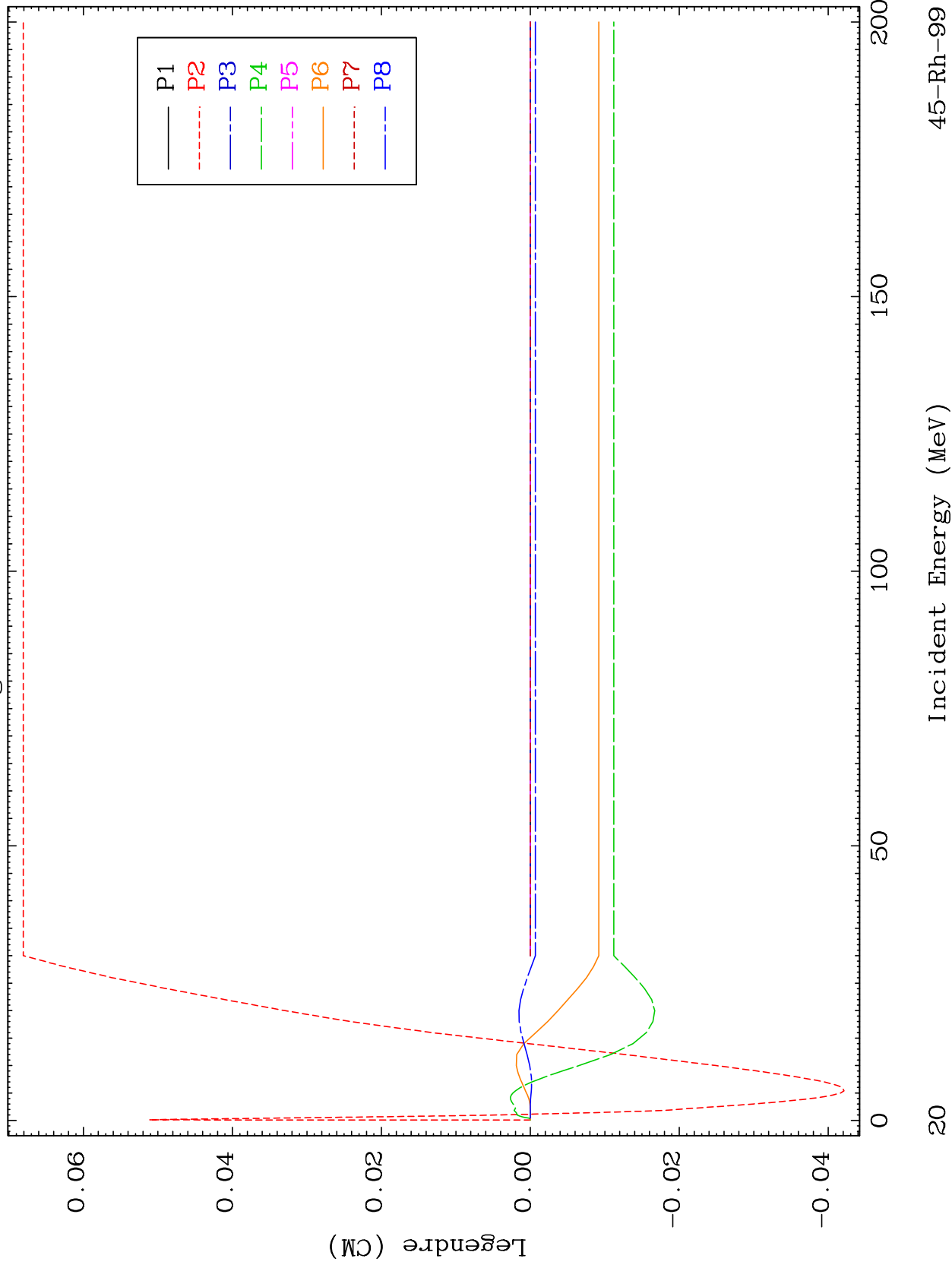
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

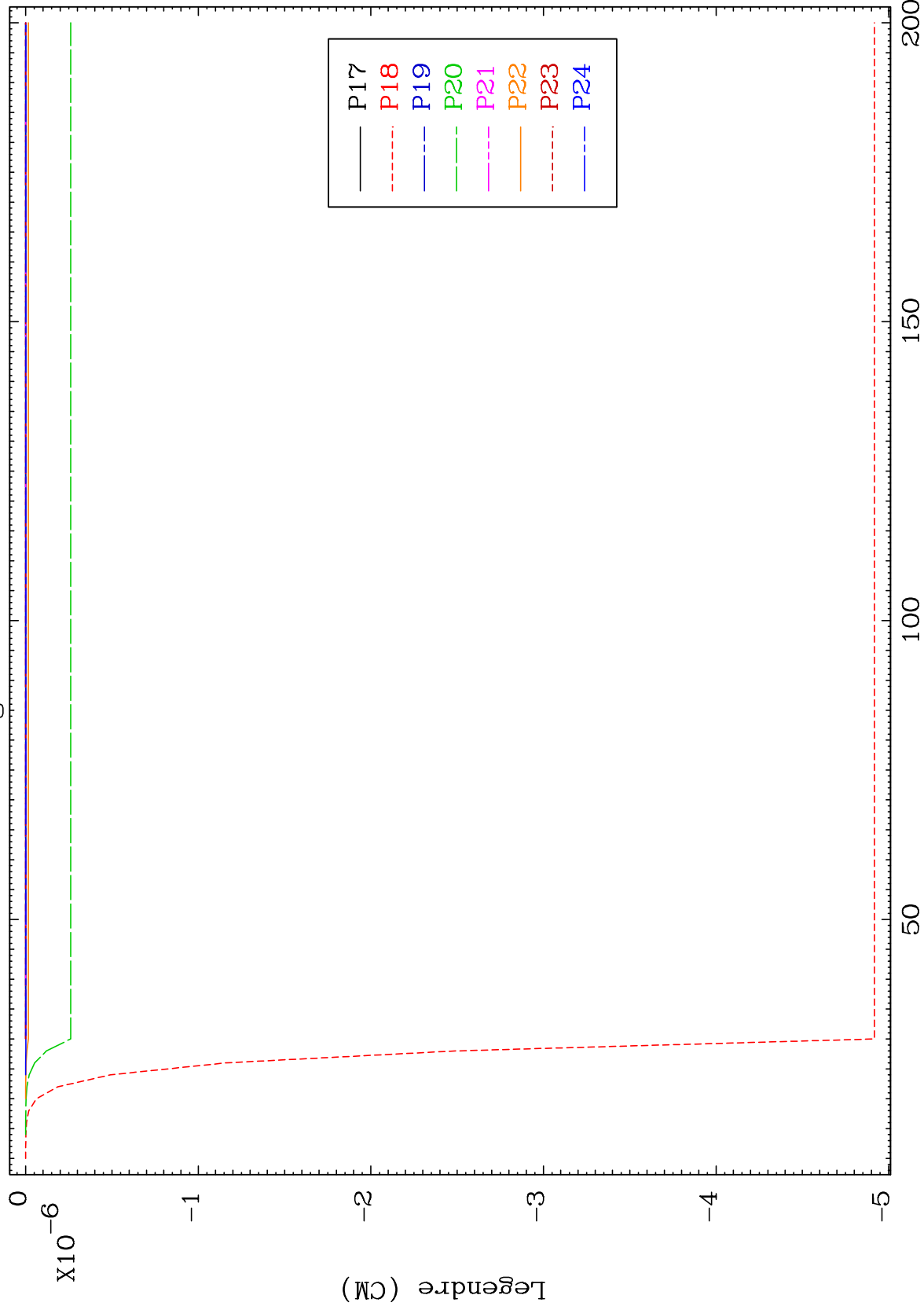
Incident Energy (MeV)

0

MAT 4513

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

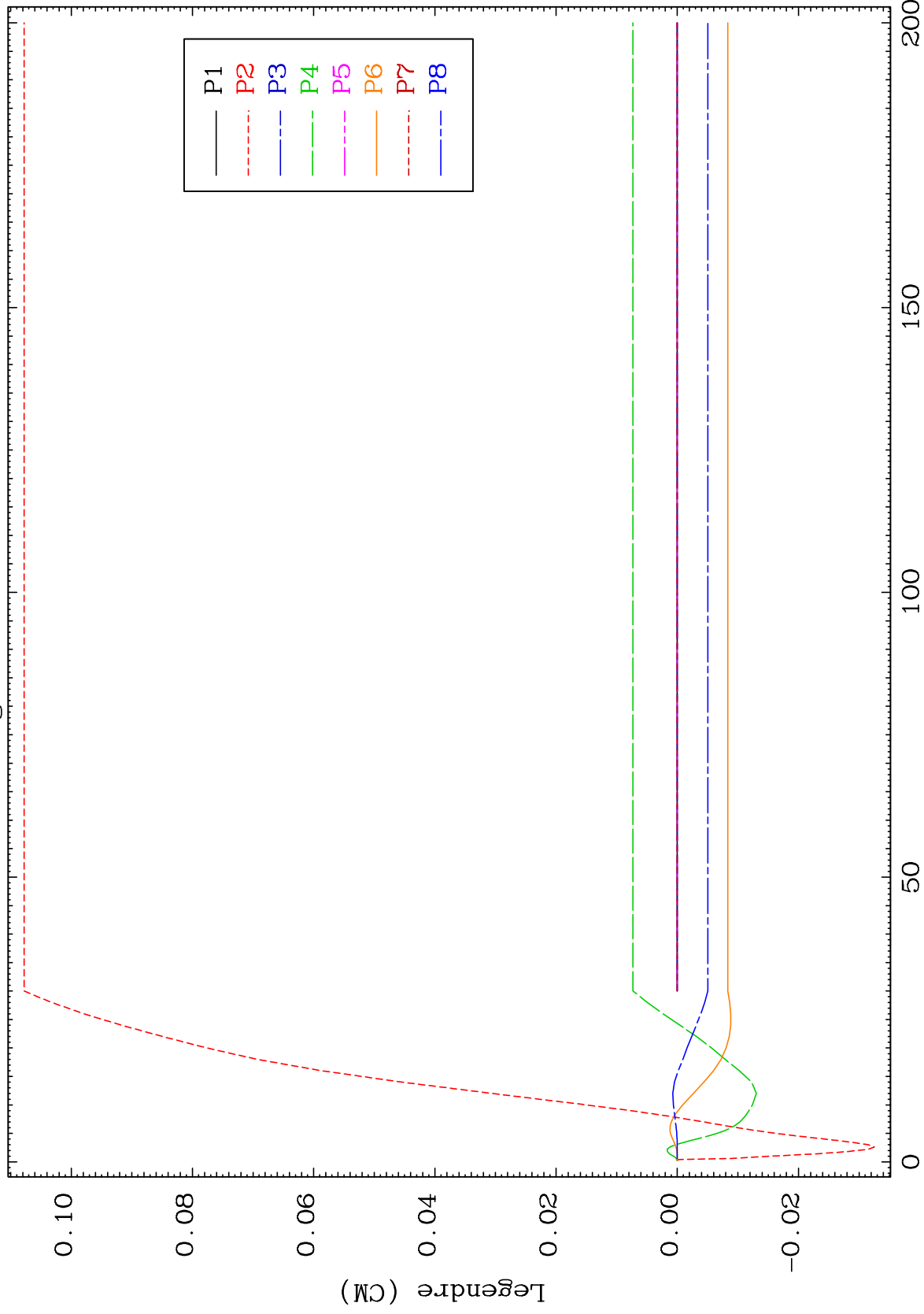
45-Rh-99



MAT 4513

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

45-Rh-99



23

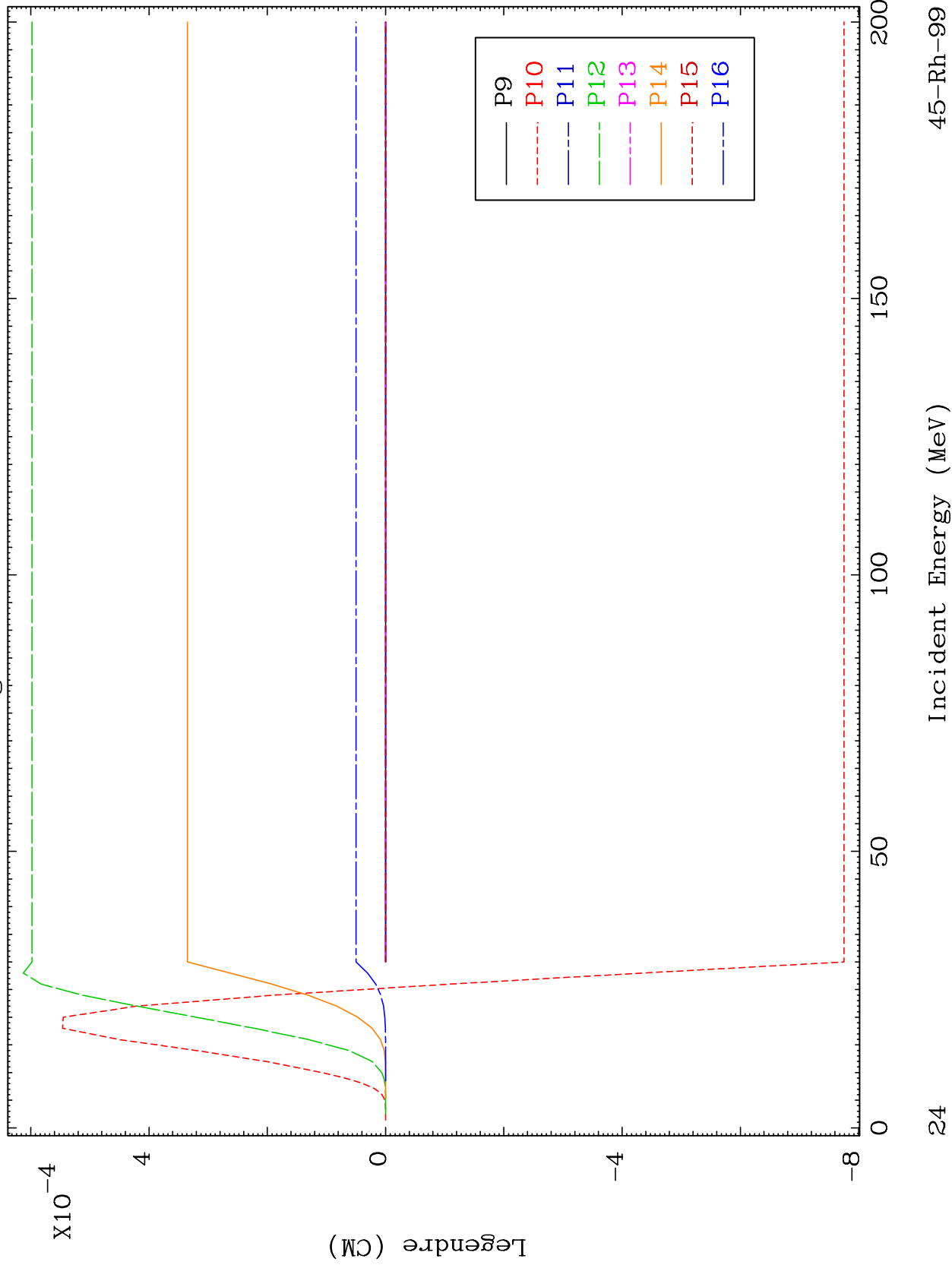
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

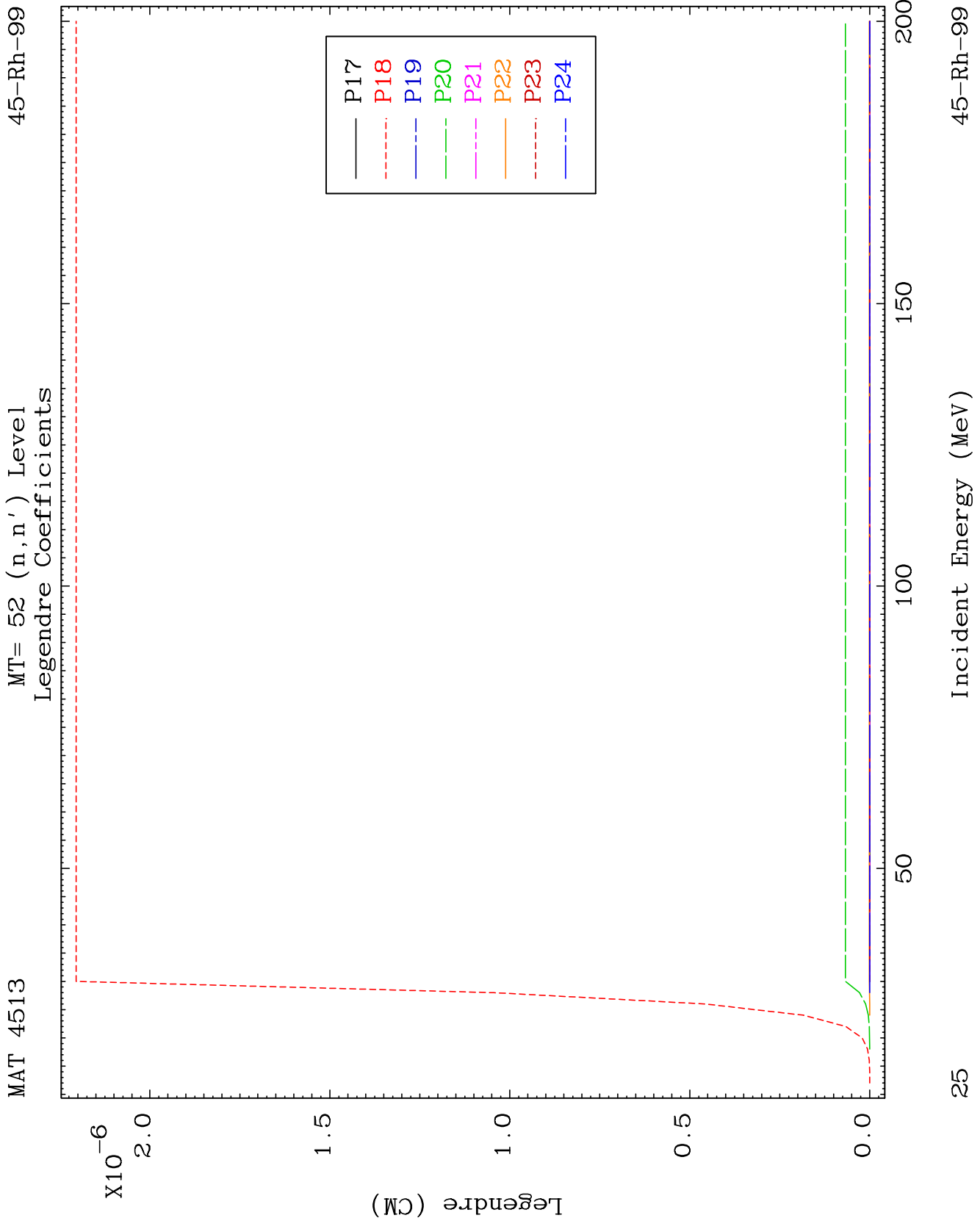
45-Rh-99

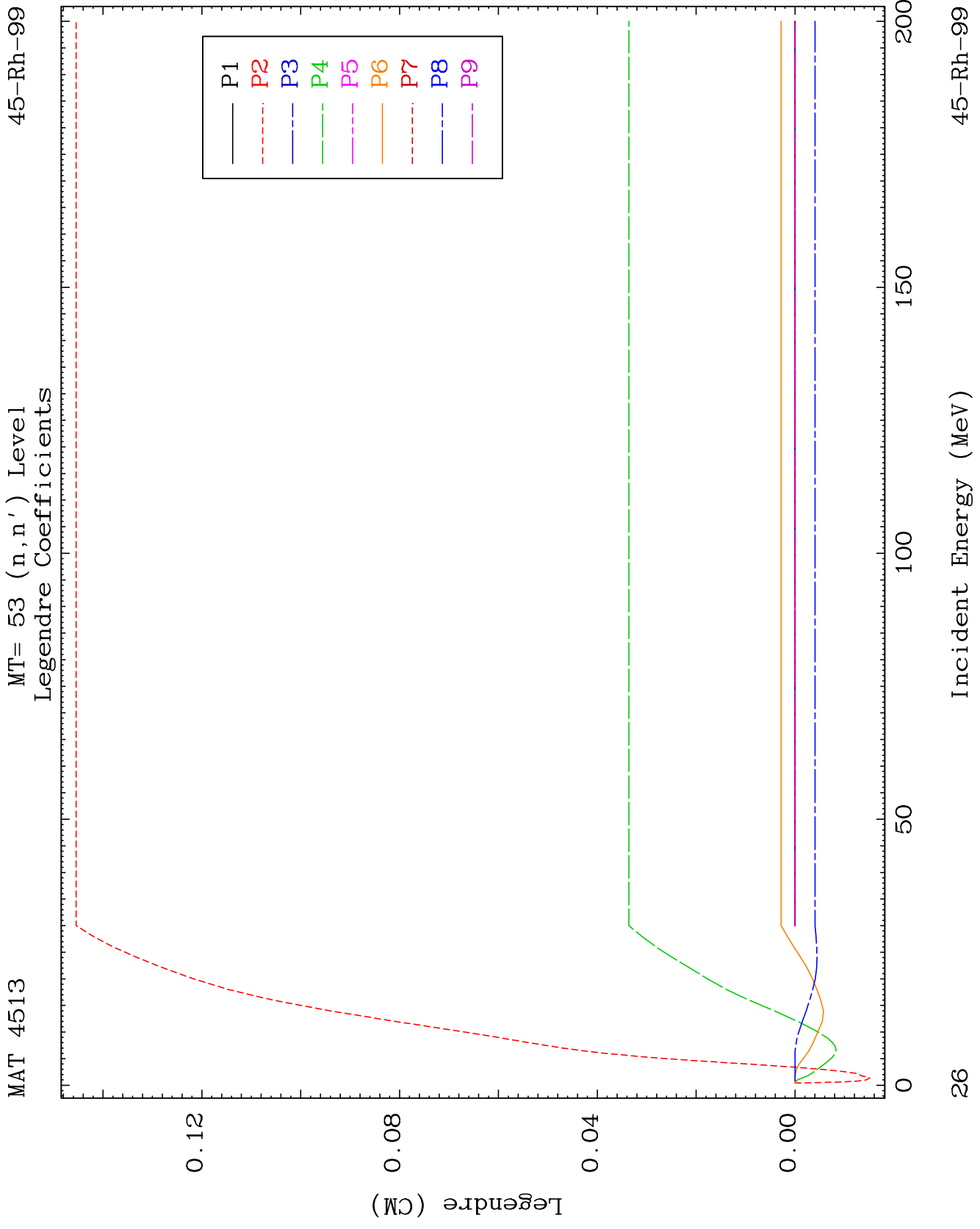


45-Rh-99

Incident Energy (MeV)

24

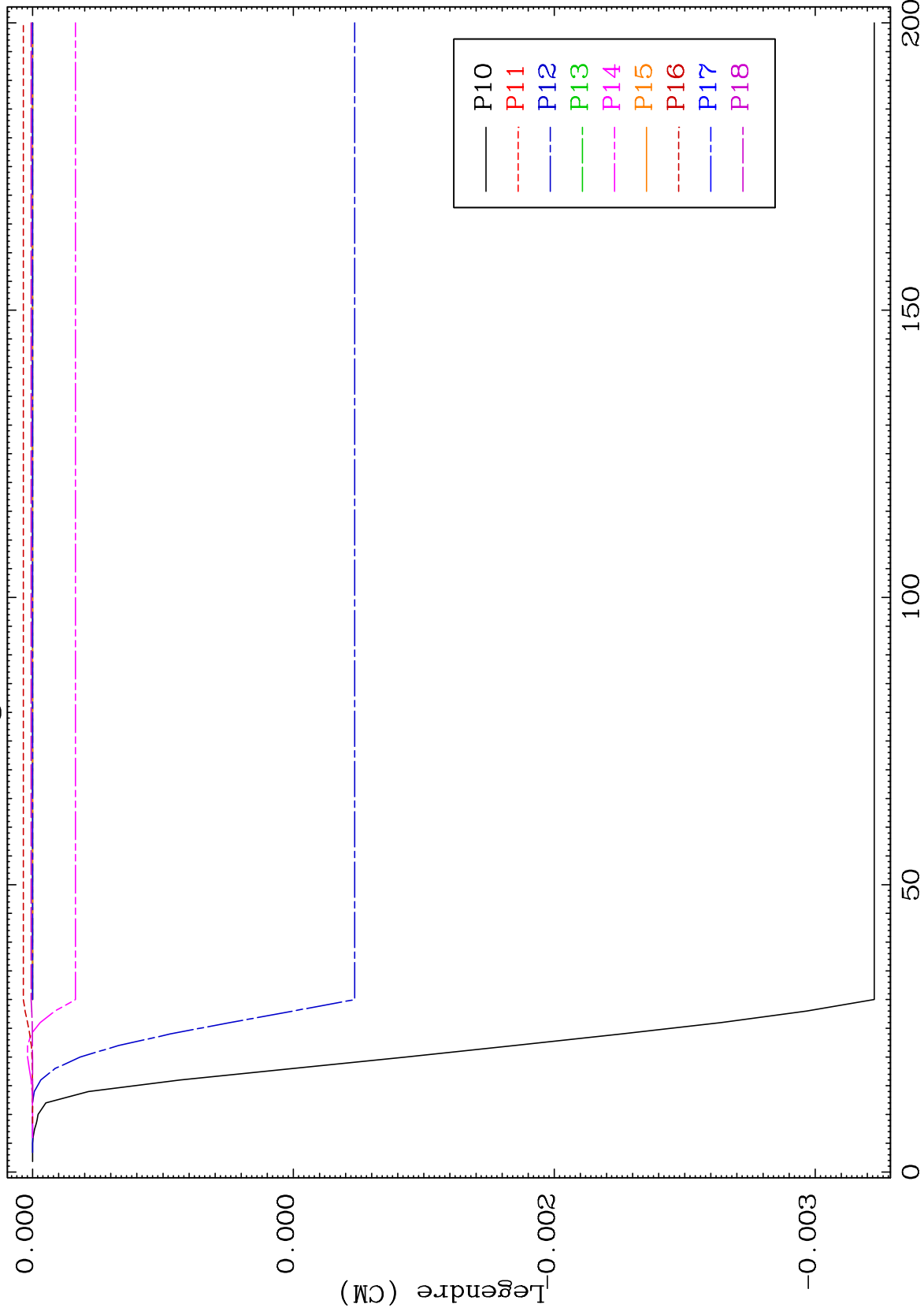




MAT 4513

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

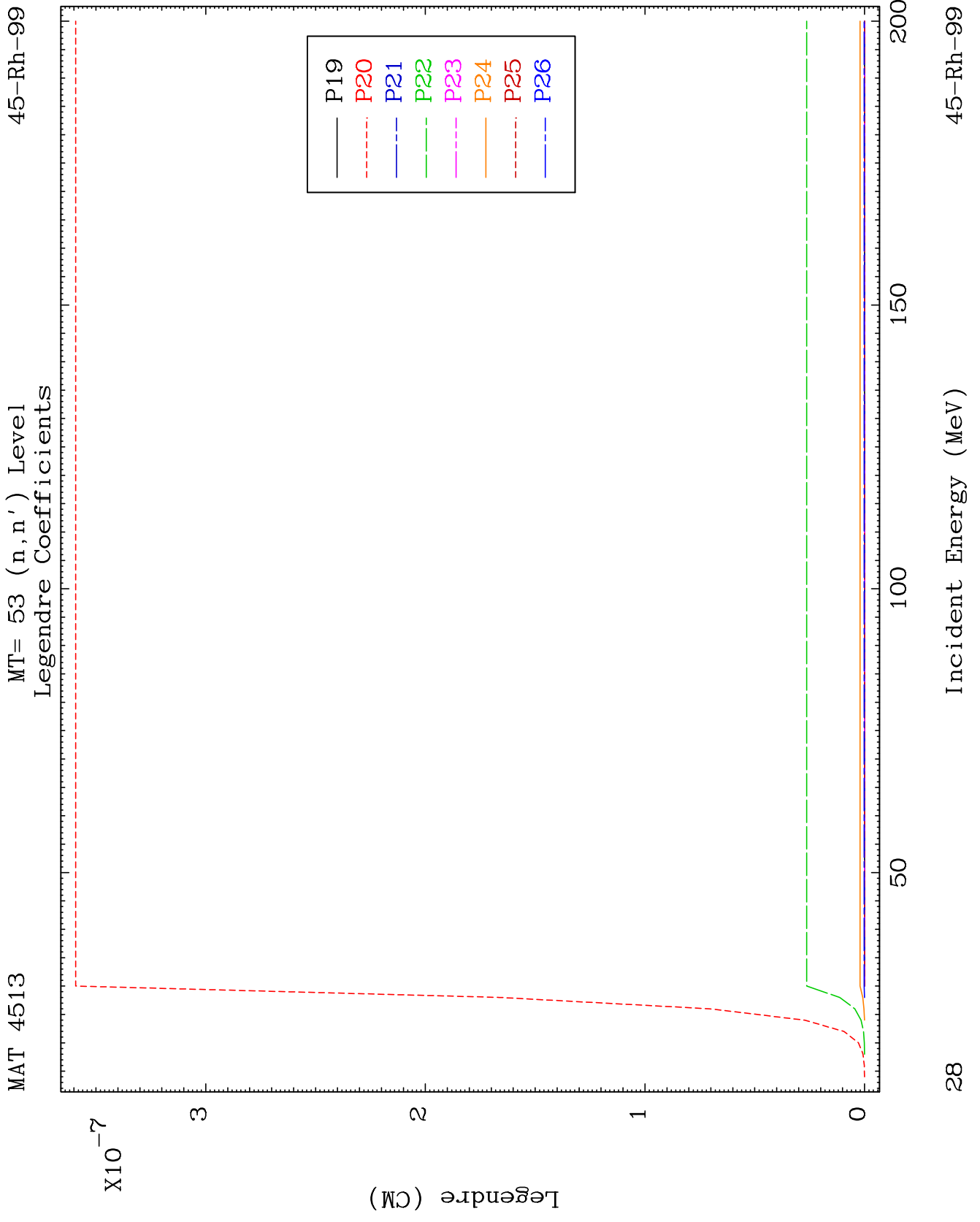
45-Rh-99



27

Incident Energy (MeV)

45-Rh-99

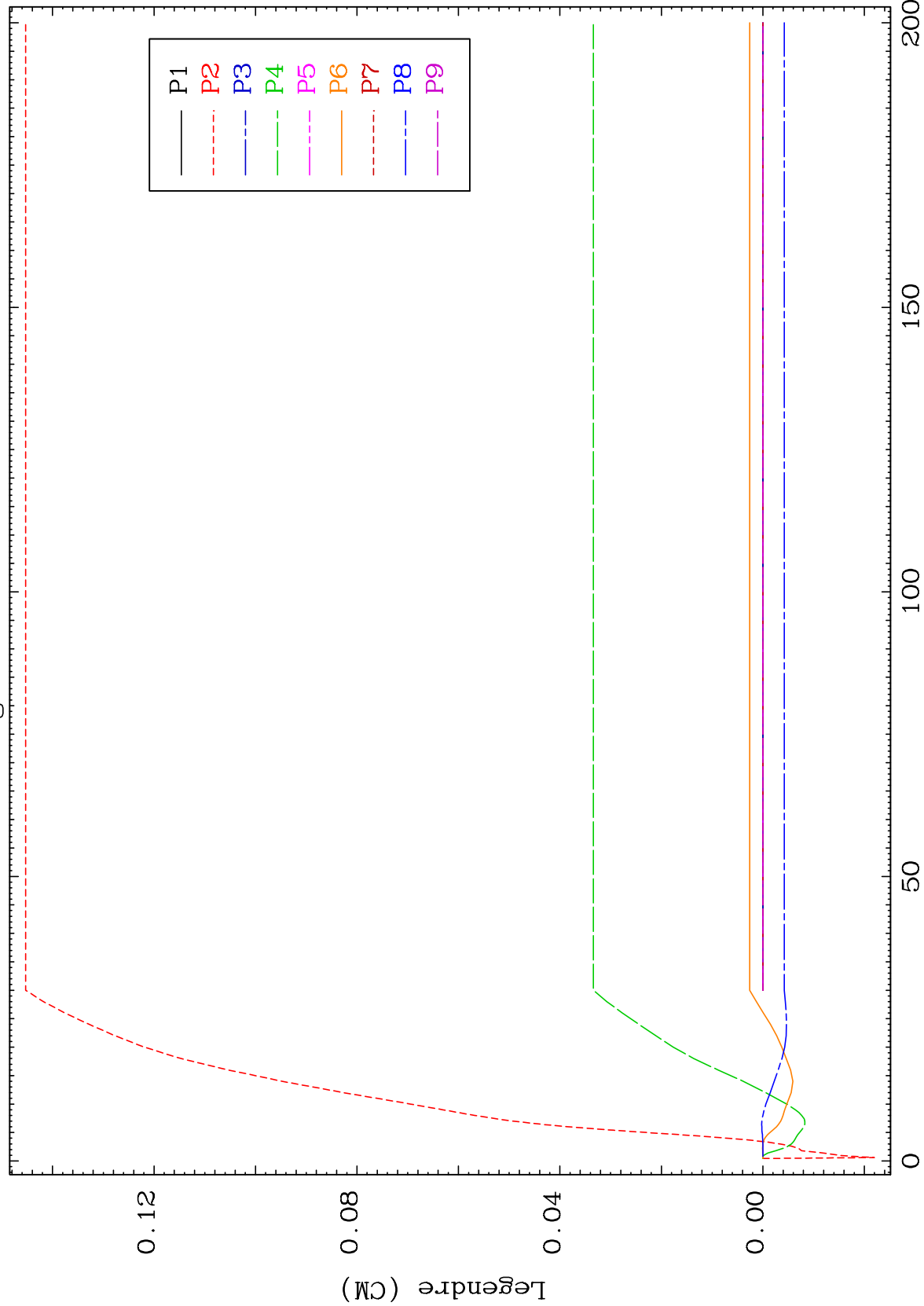


MAT 4513

MT= 54 (n,n') Level

45-Rh-99

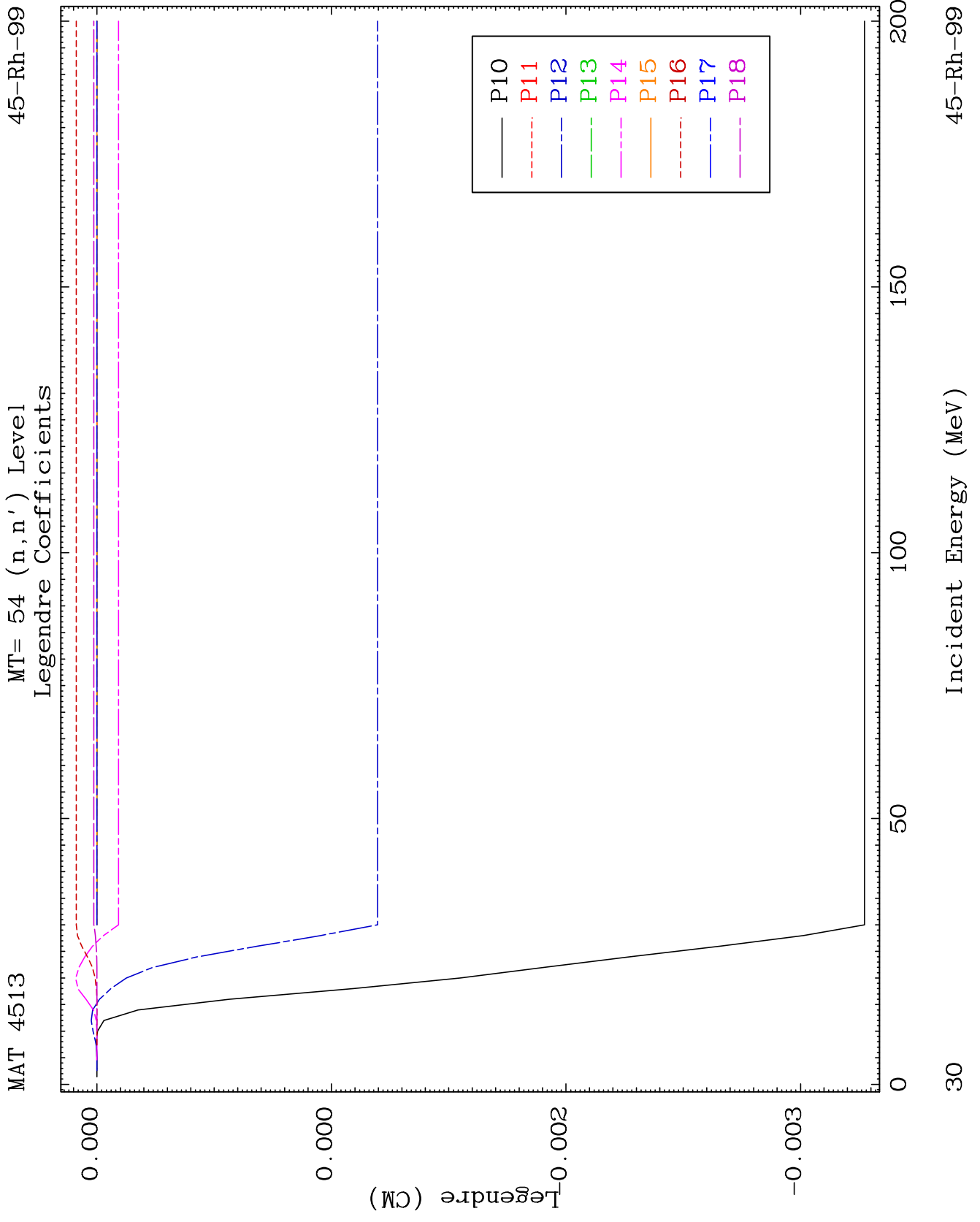
Legendre Coefficients

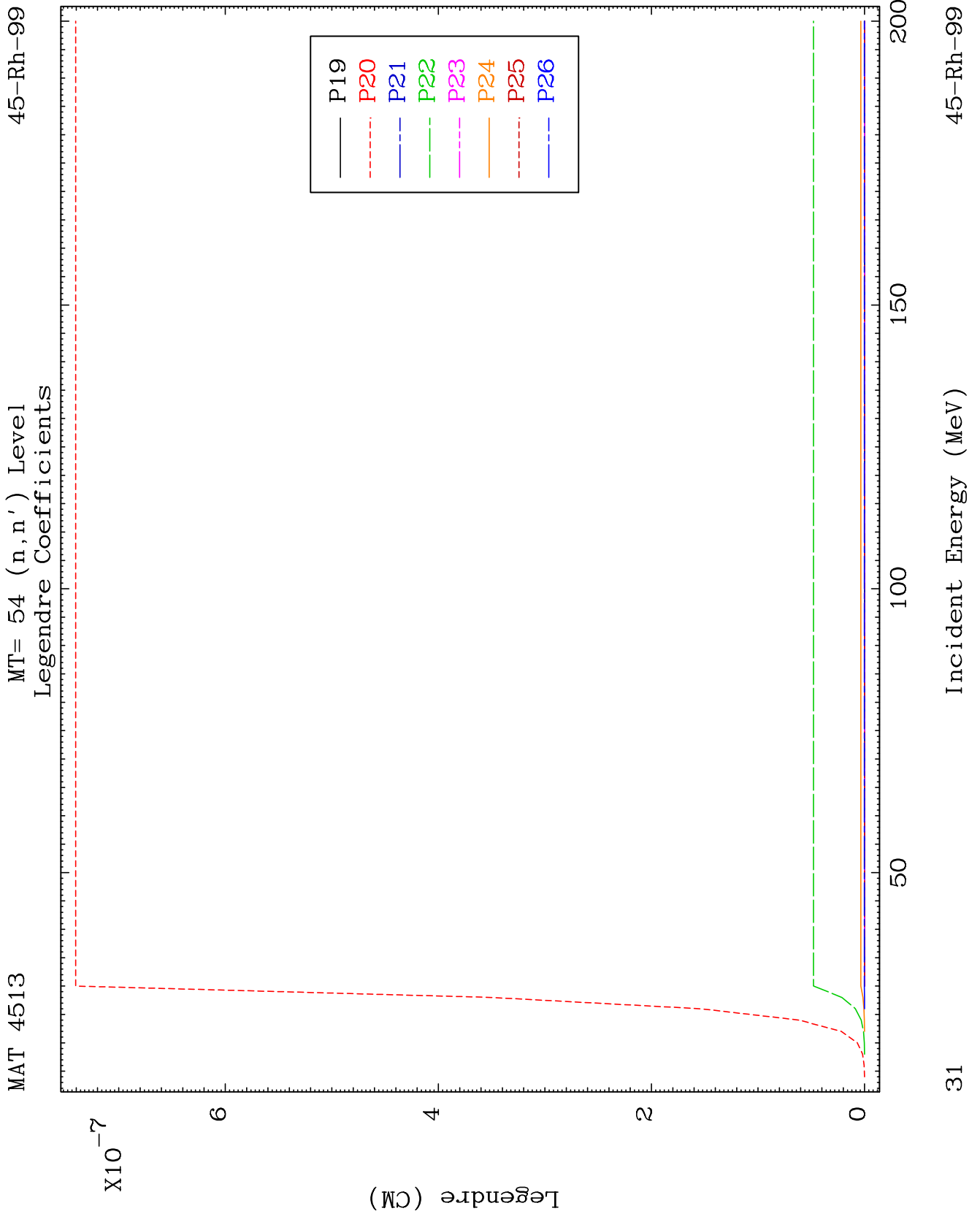


29

Incident Energy (MeV)

45-Rh-99

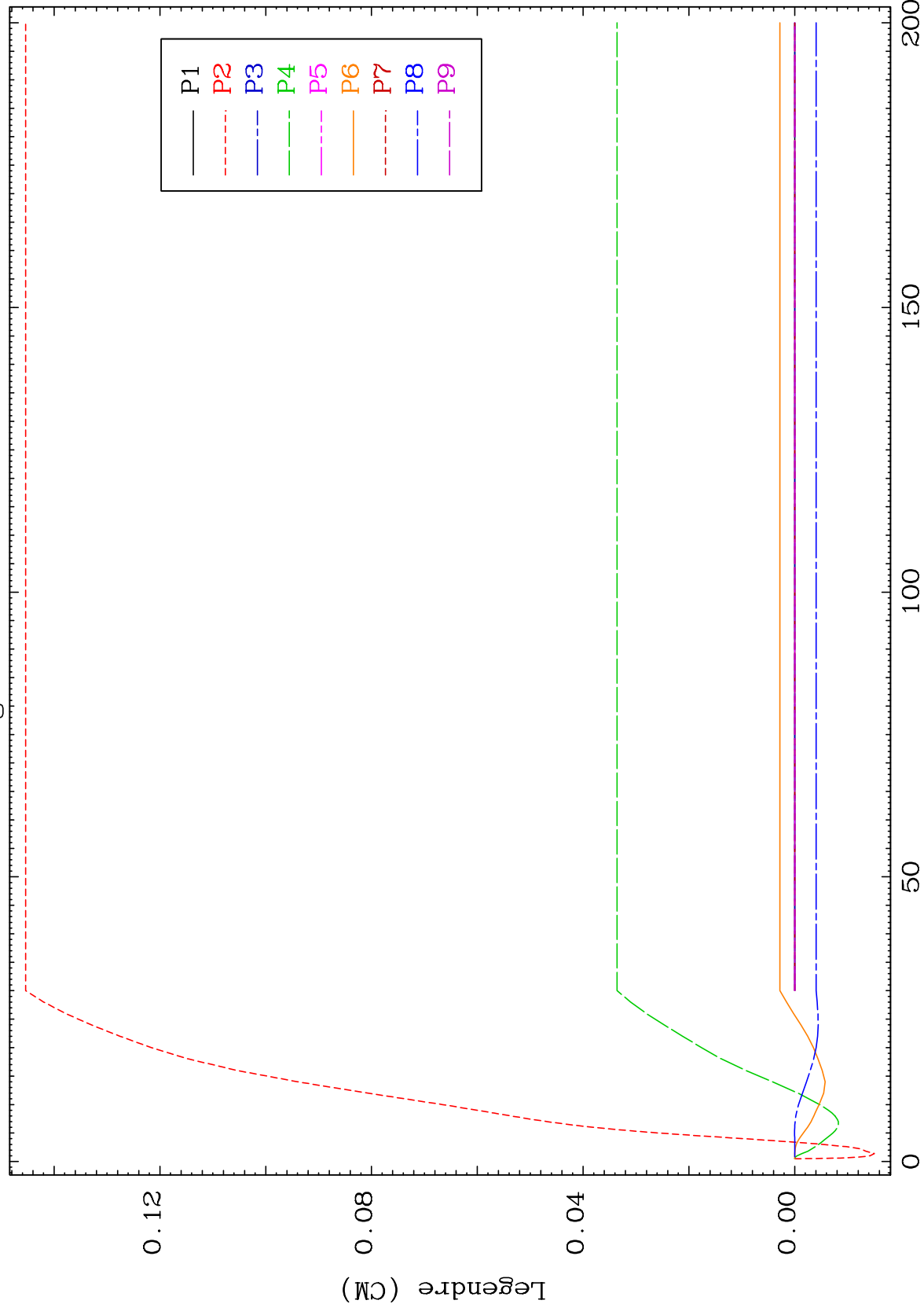




MAT 4513

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

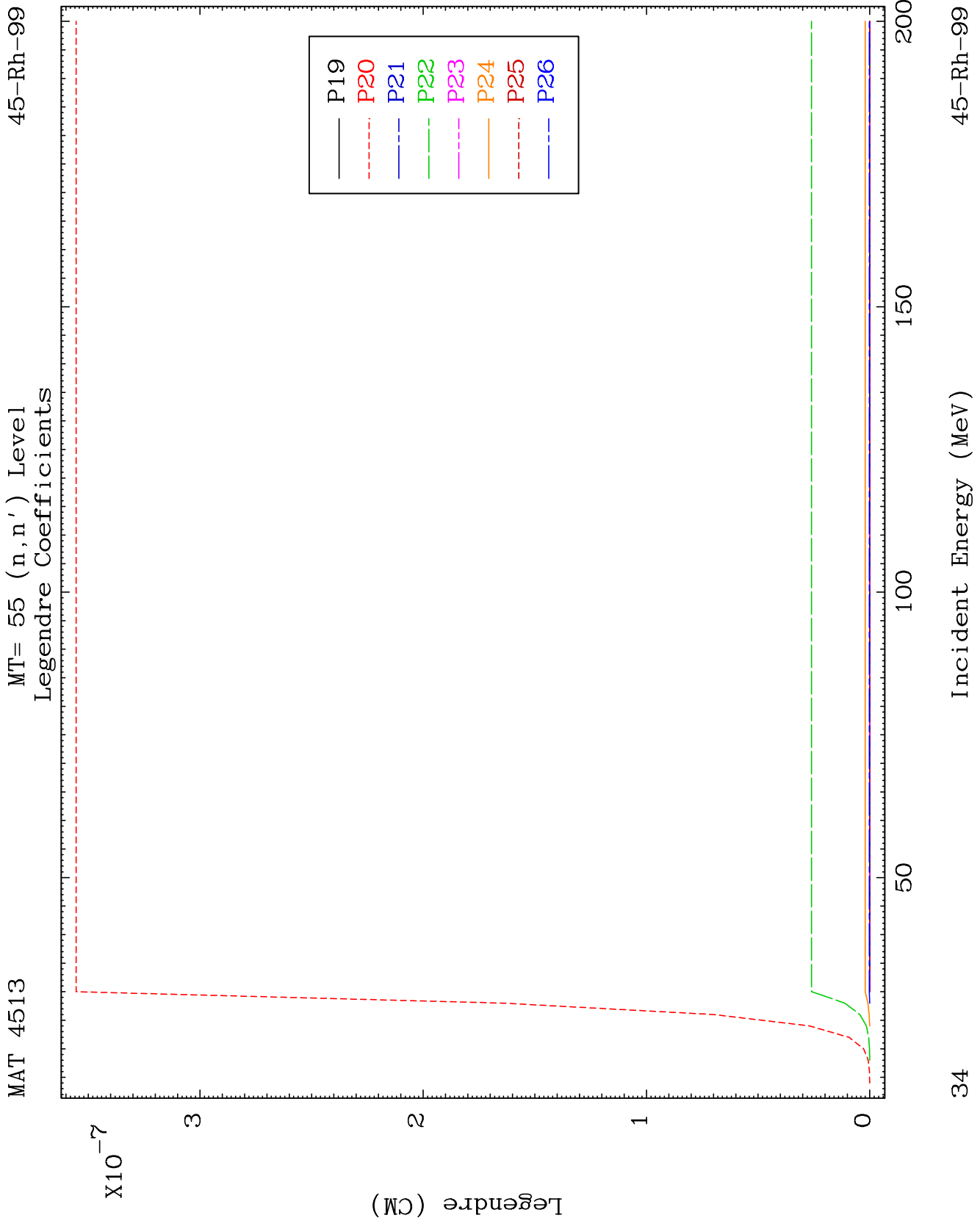
45-Rh-99



32

Incident Energy (MeV)

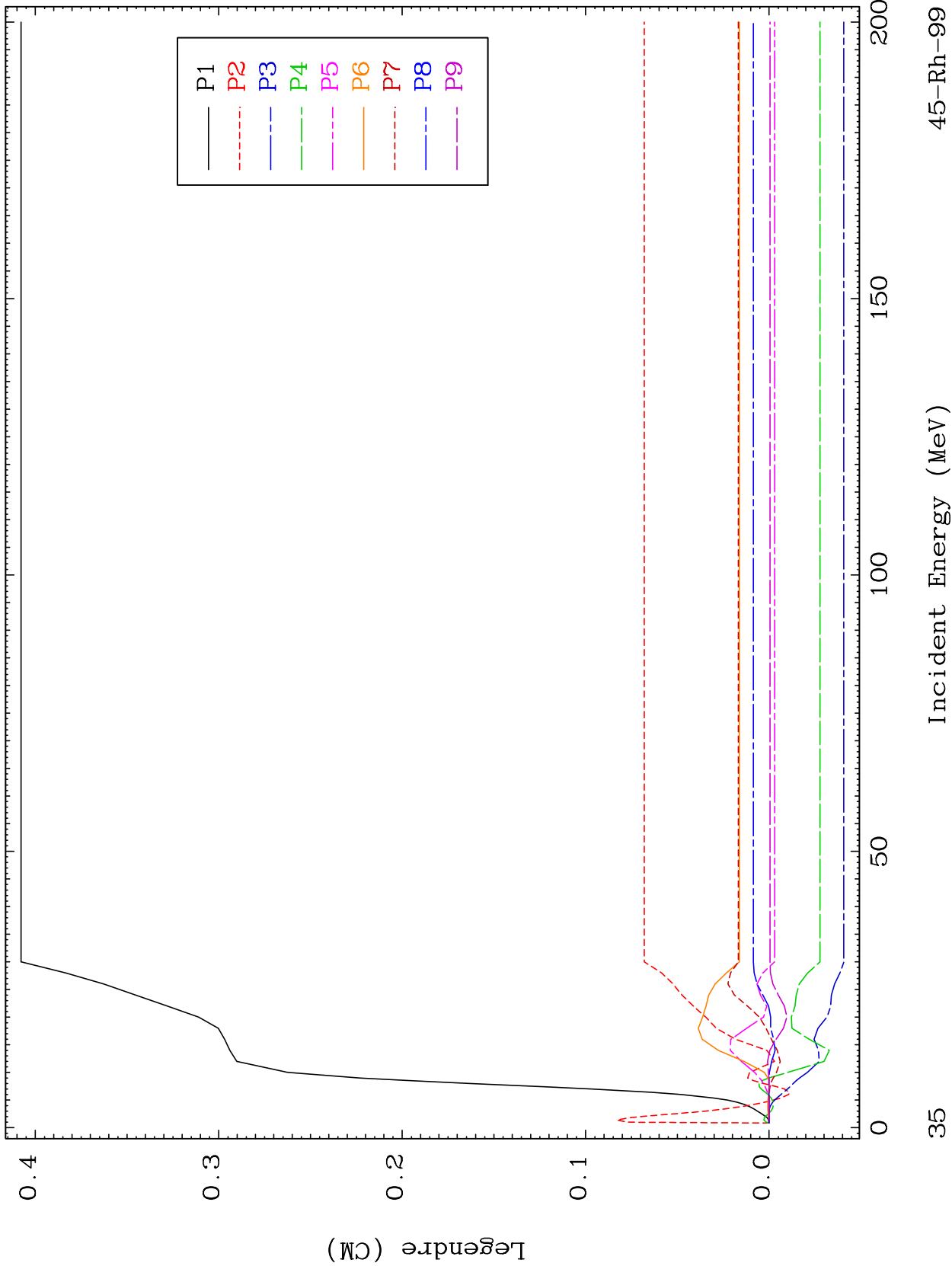
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

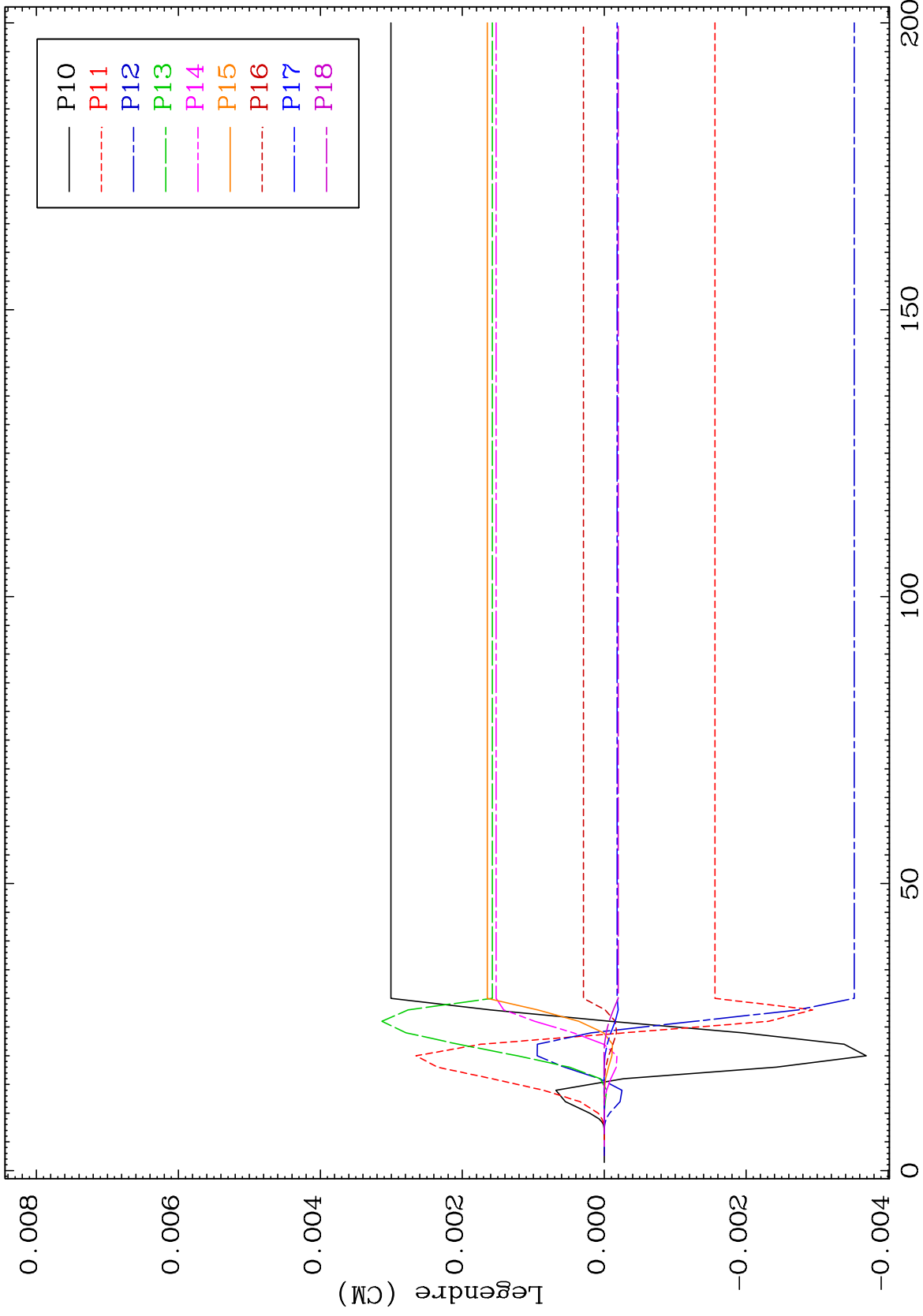
Incident Energy (MeV)

35

MAT 4513

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

45-Rh-99



36

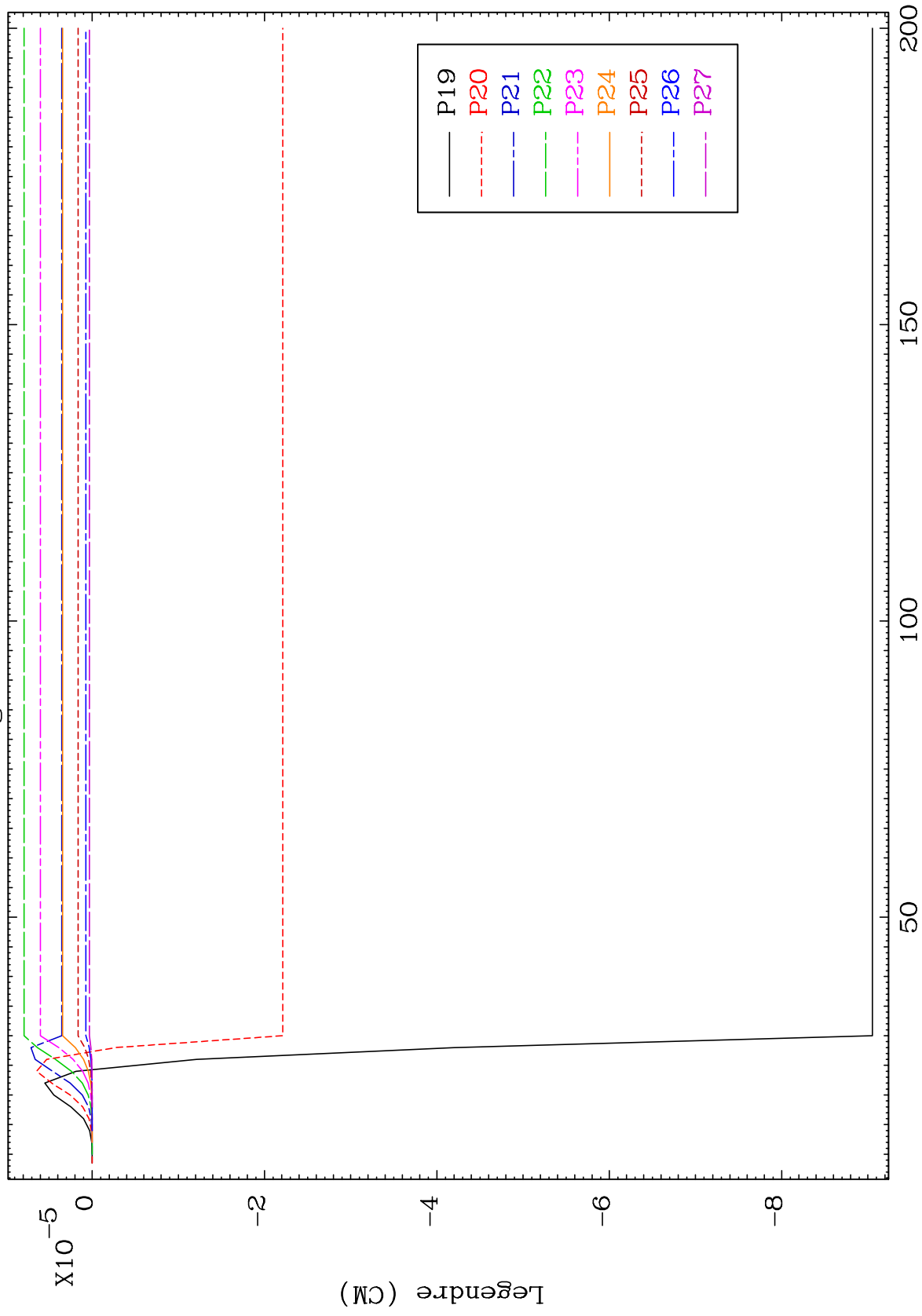
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



37

45-Rh-99

MAT 4513

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

45-Rh-99

$\times 10^{-7}$
1.2

1.0

Legendre (CM)

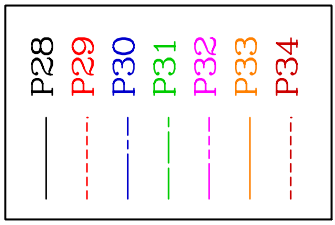
0.8

0.6

0.4

0.2

0.0



50

100

150

200

38

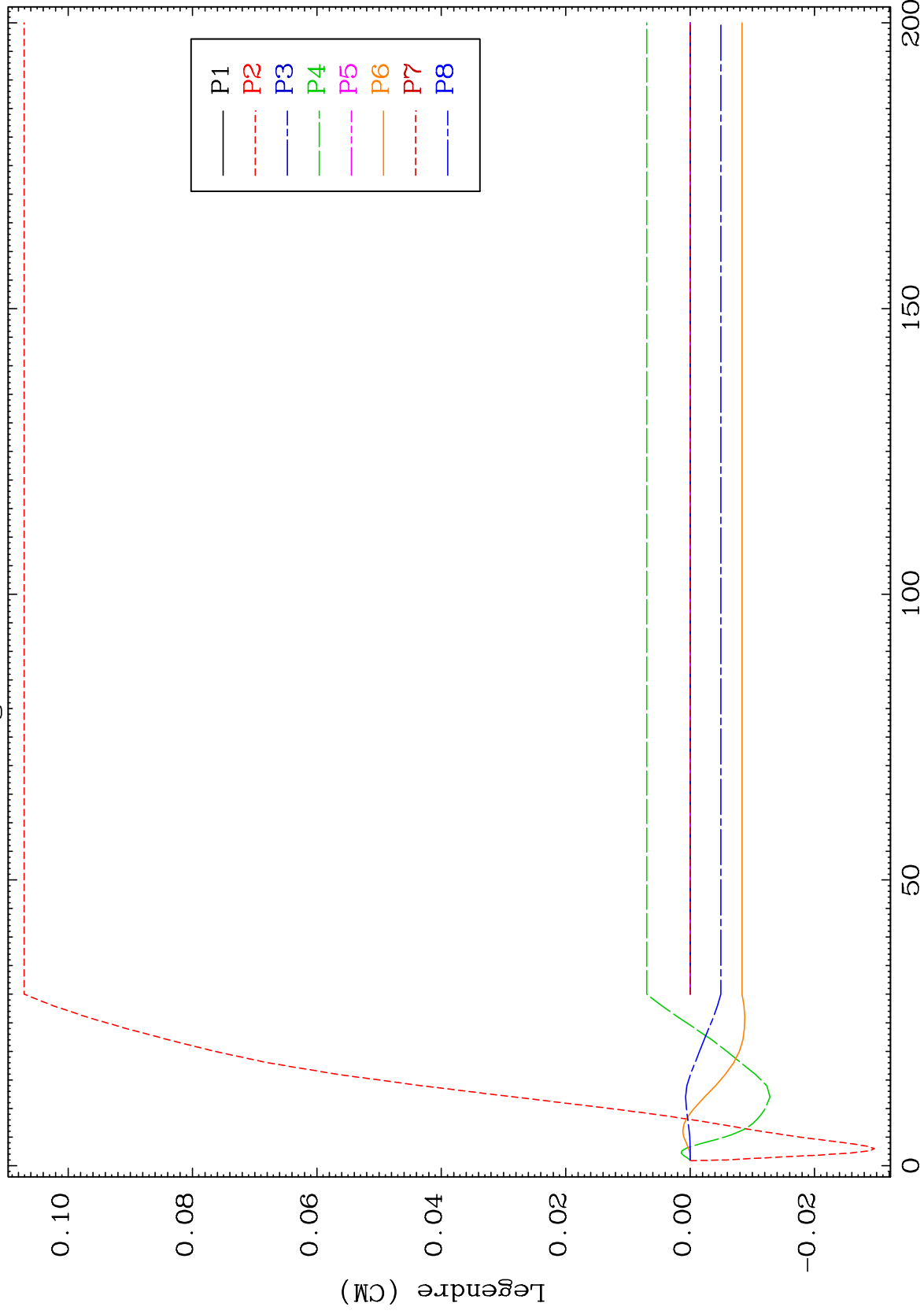
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



39

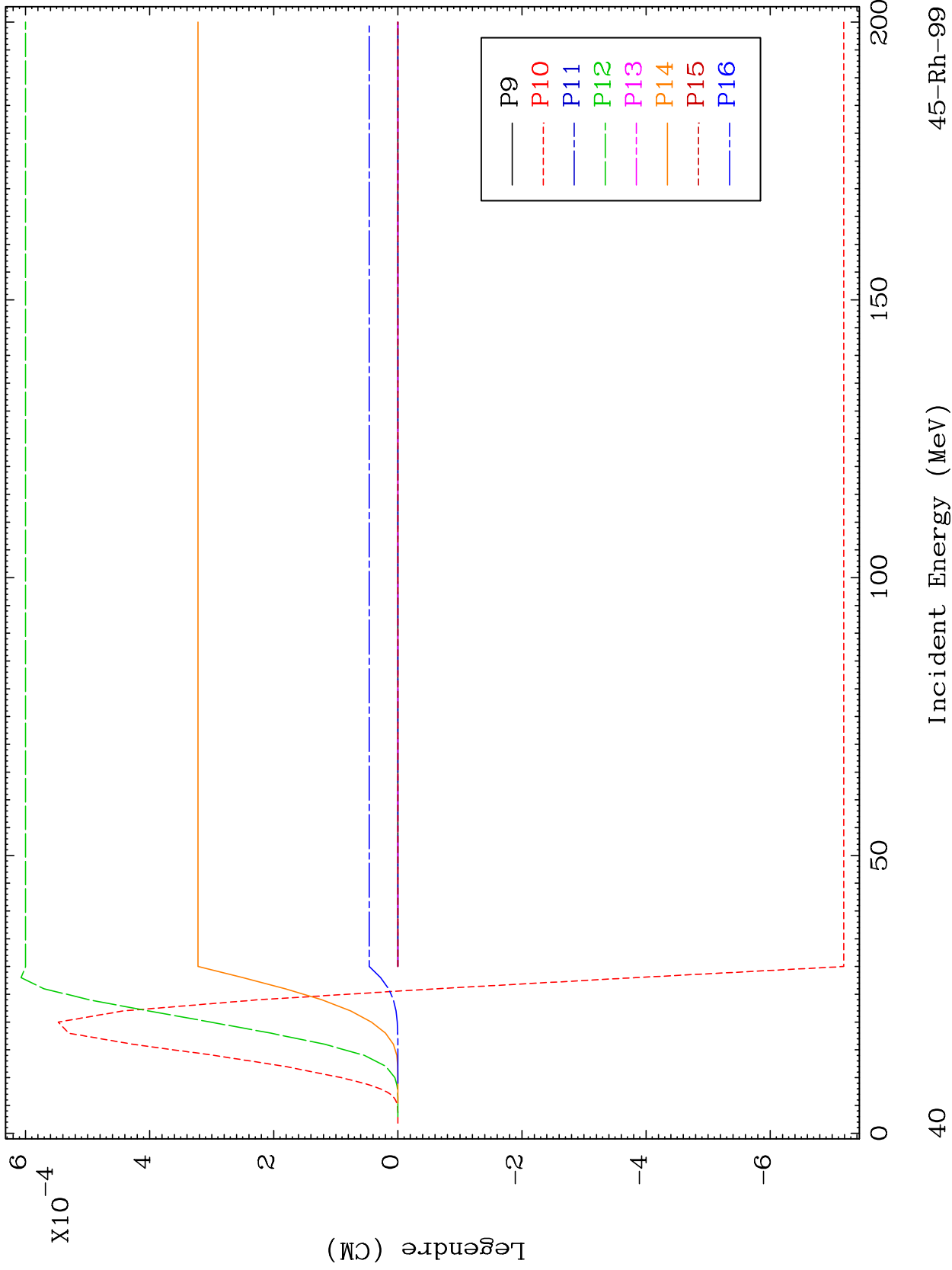
Incident Energy (MeV)

45-Rh-99

MAT 4513

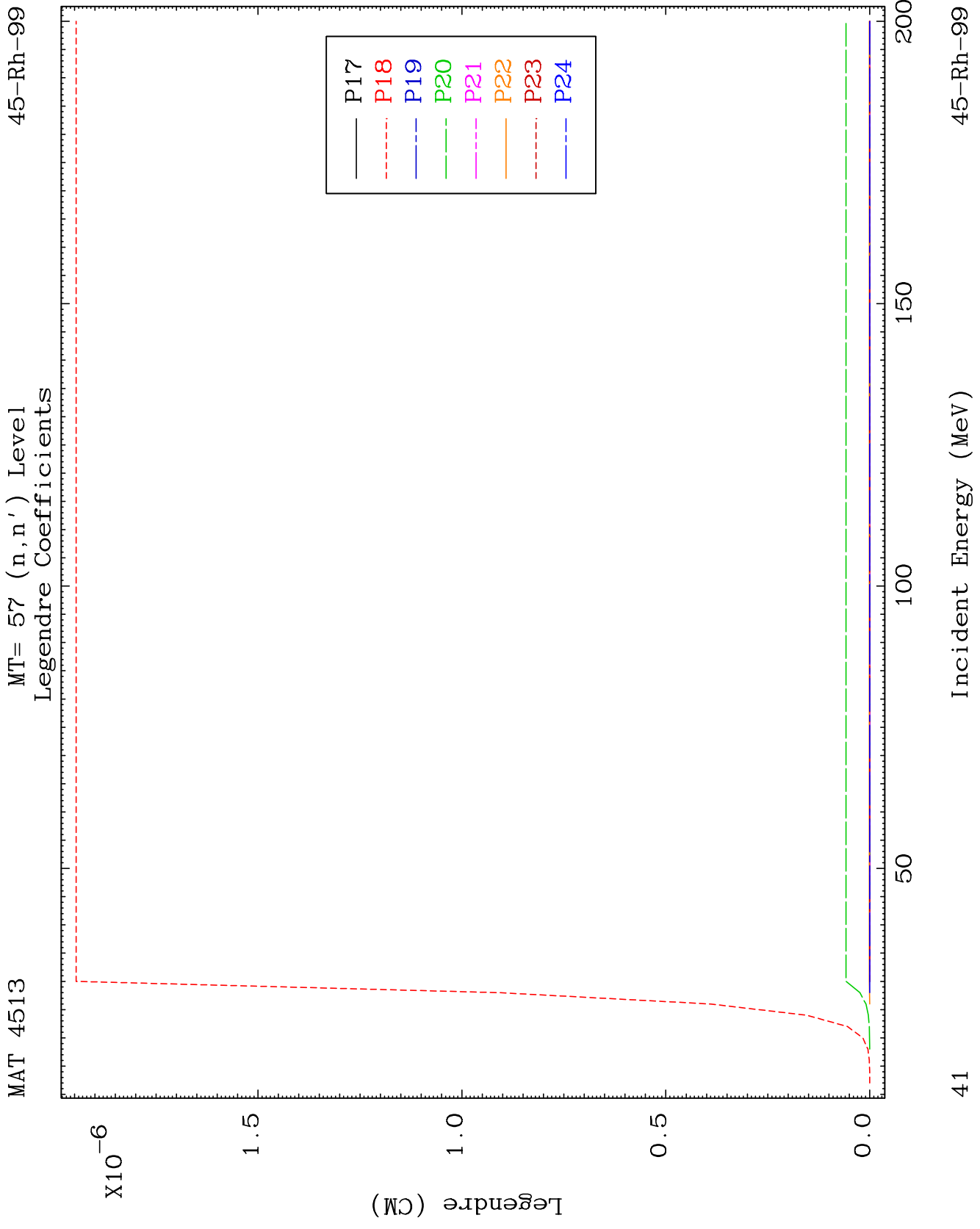
MT= 57 (n,n') Level
Legendre Coefficients

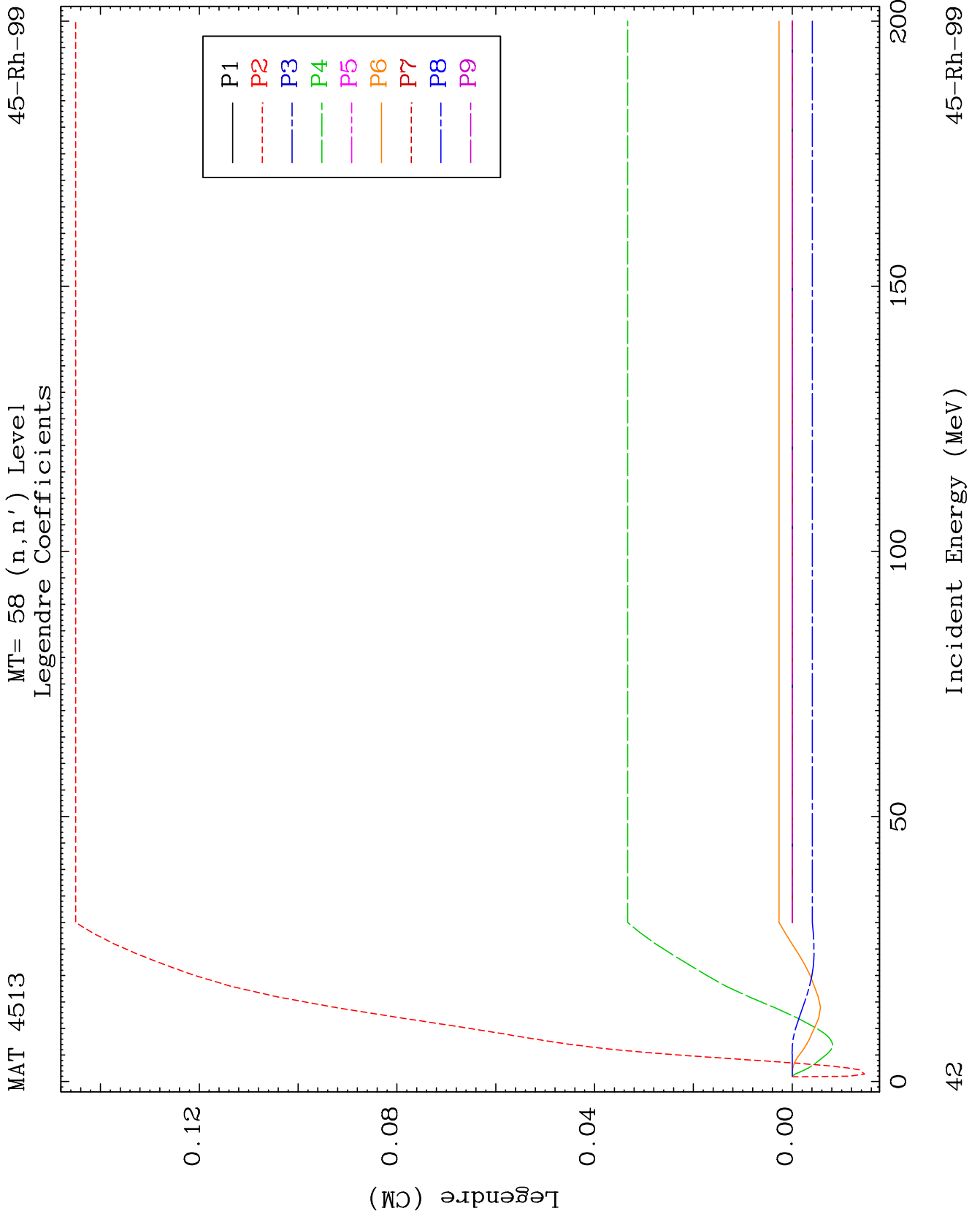
45-Rh-99



45-Rh-99

Incident Energy (MeV)

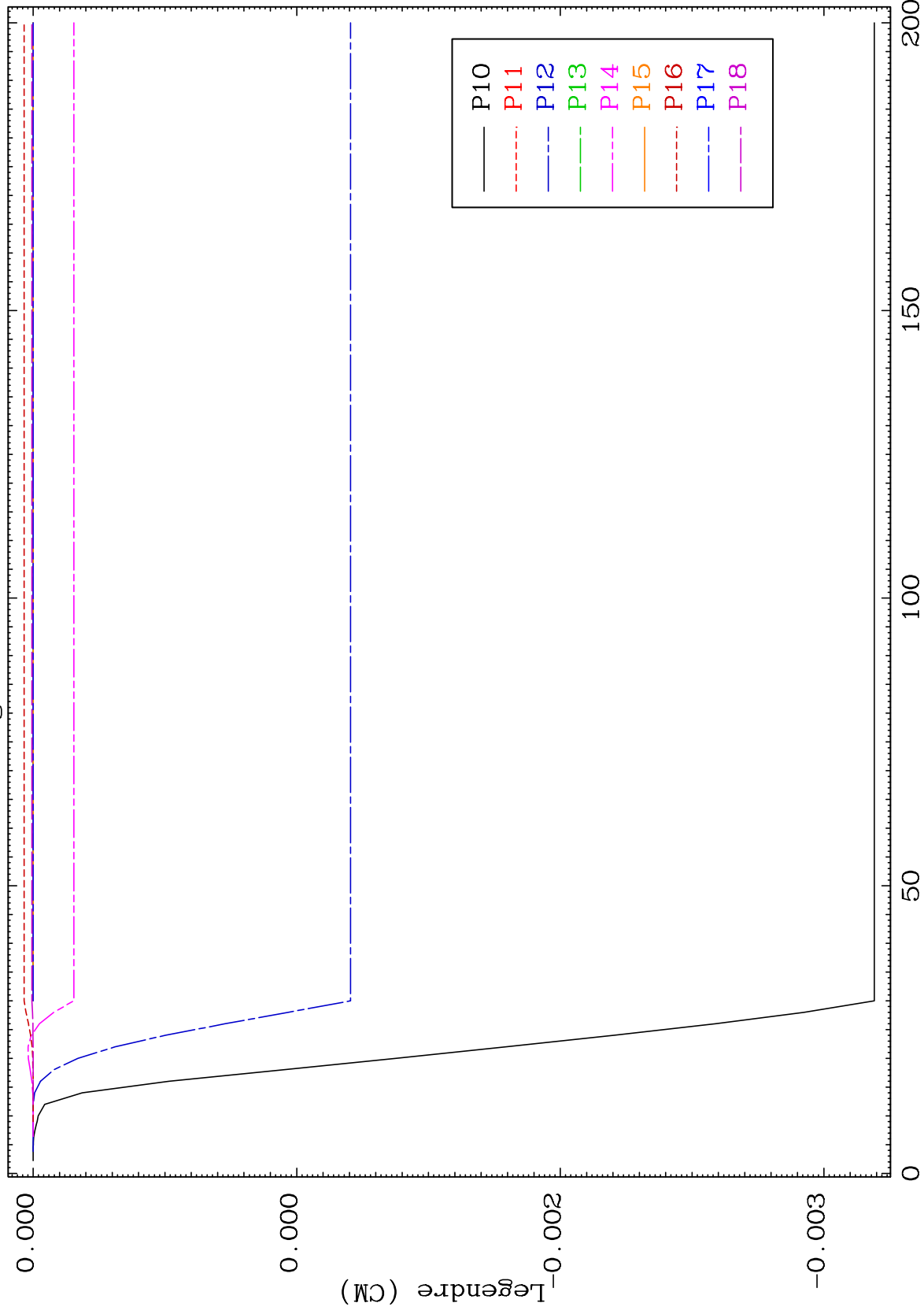




MAT 4513

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

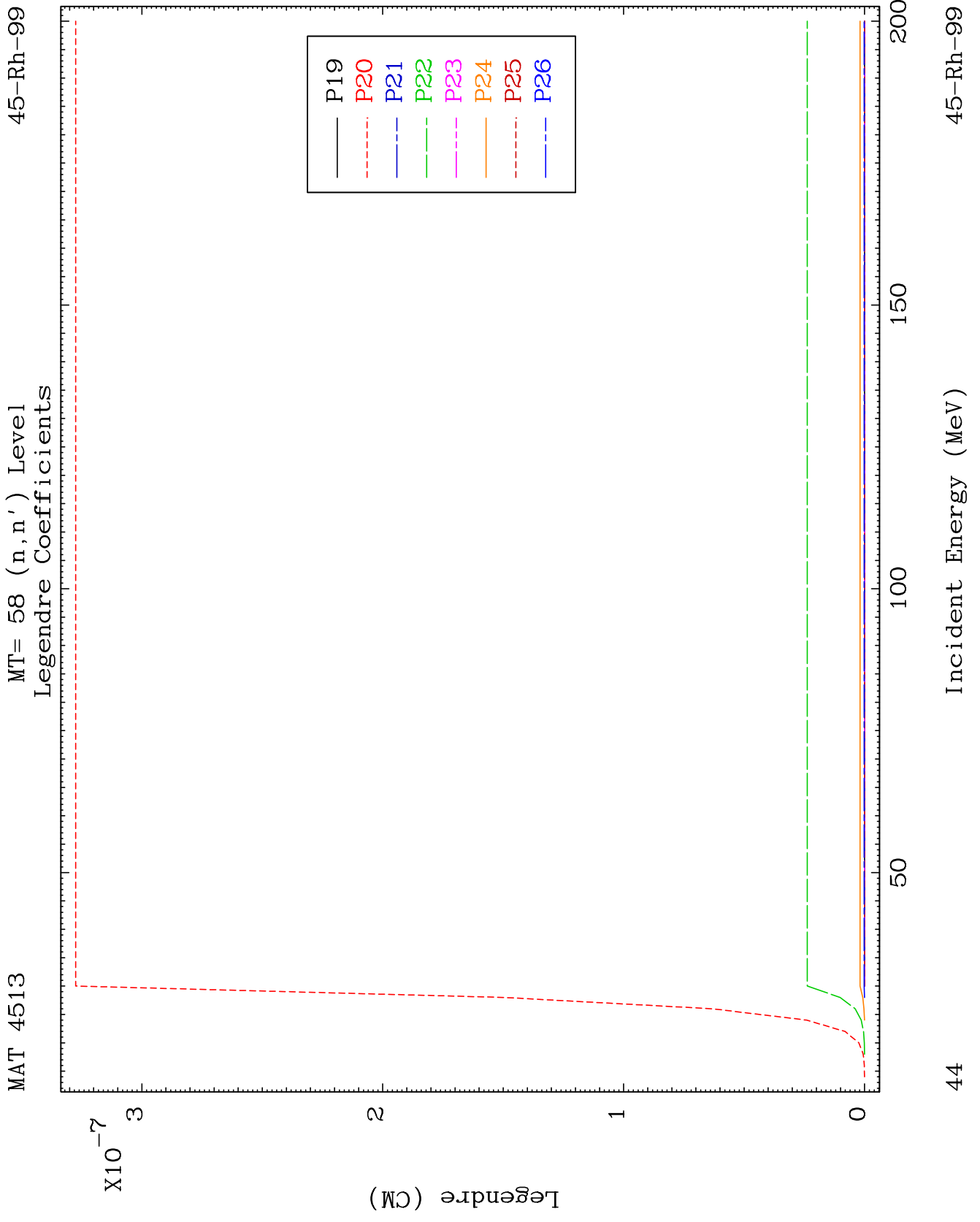
45-Rh-99



43

Incident Energy (MeV)

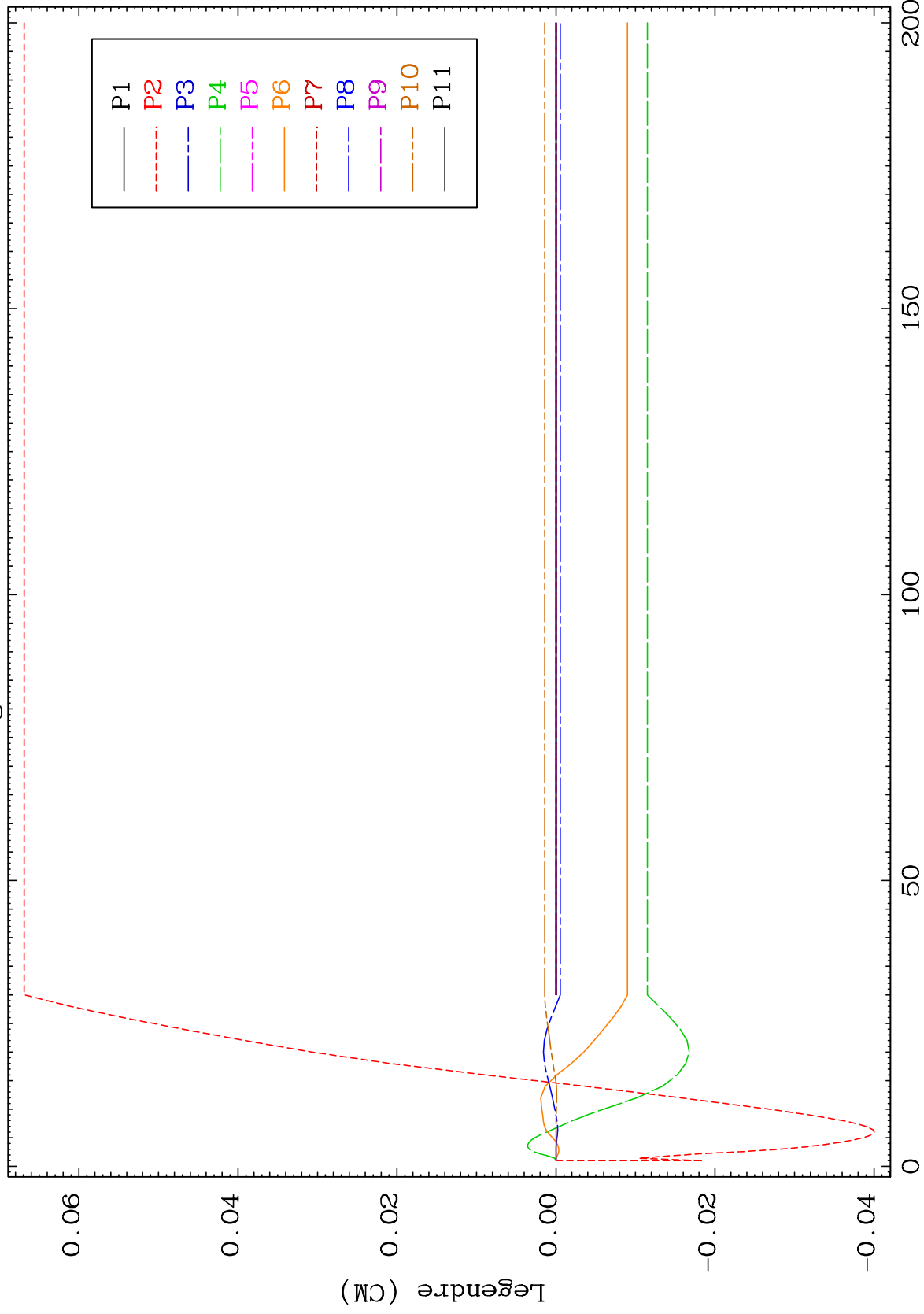
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

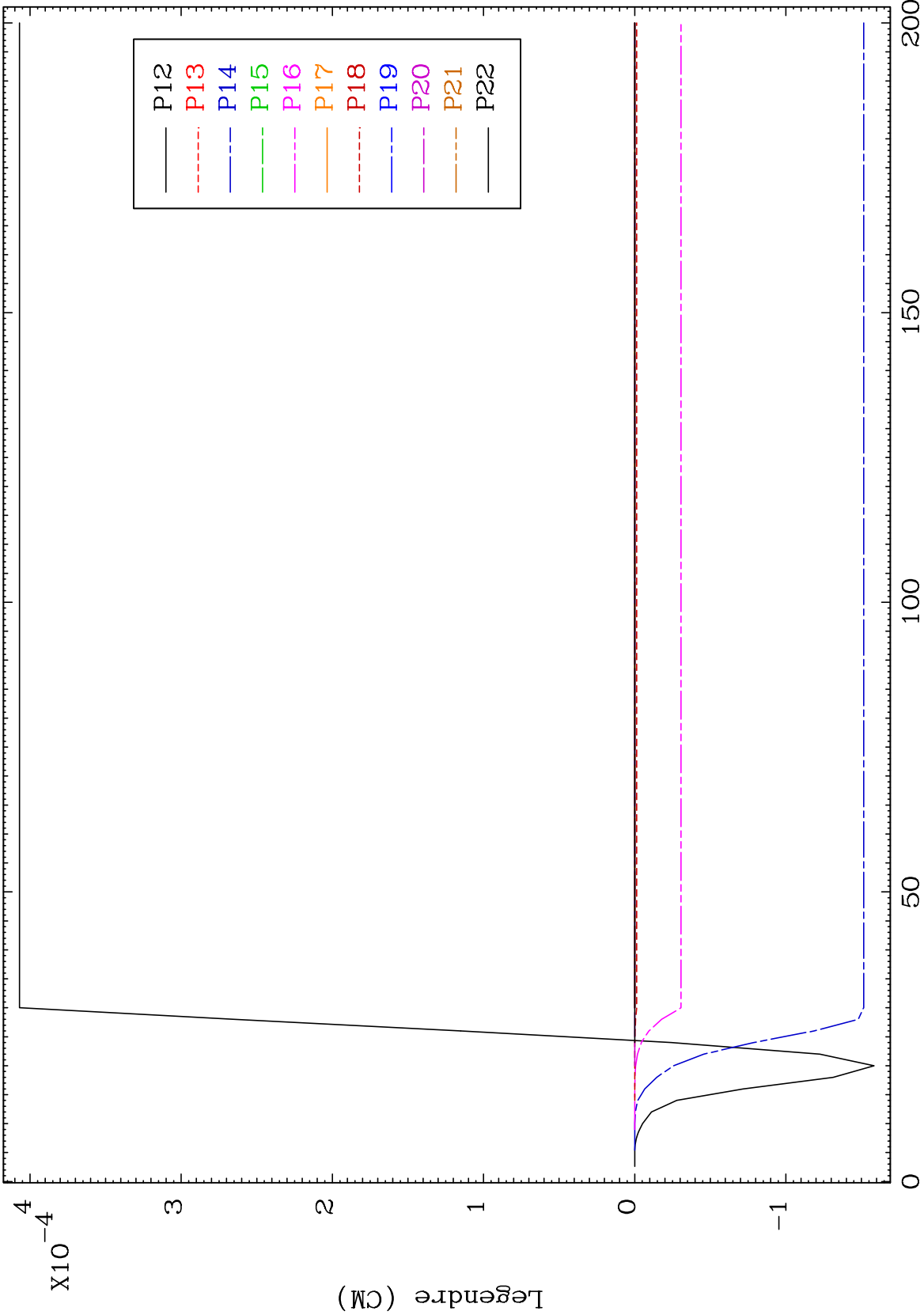
Incident Energy (MeV)

45

MAT 4513

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

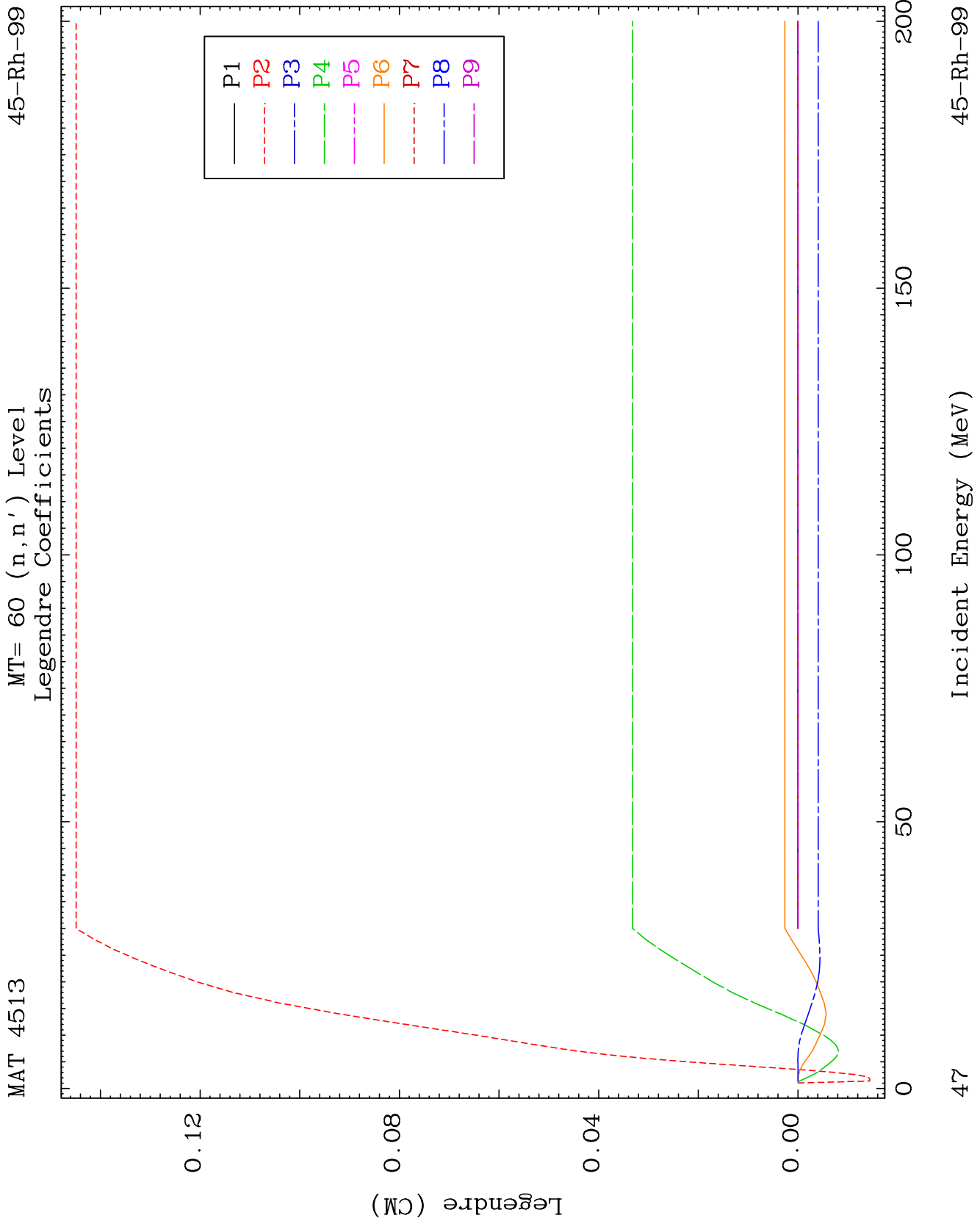
45-Rh-99



46

Incident Energy (MeV)

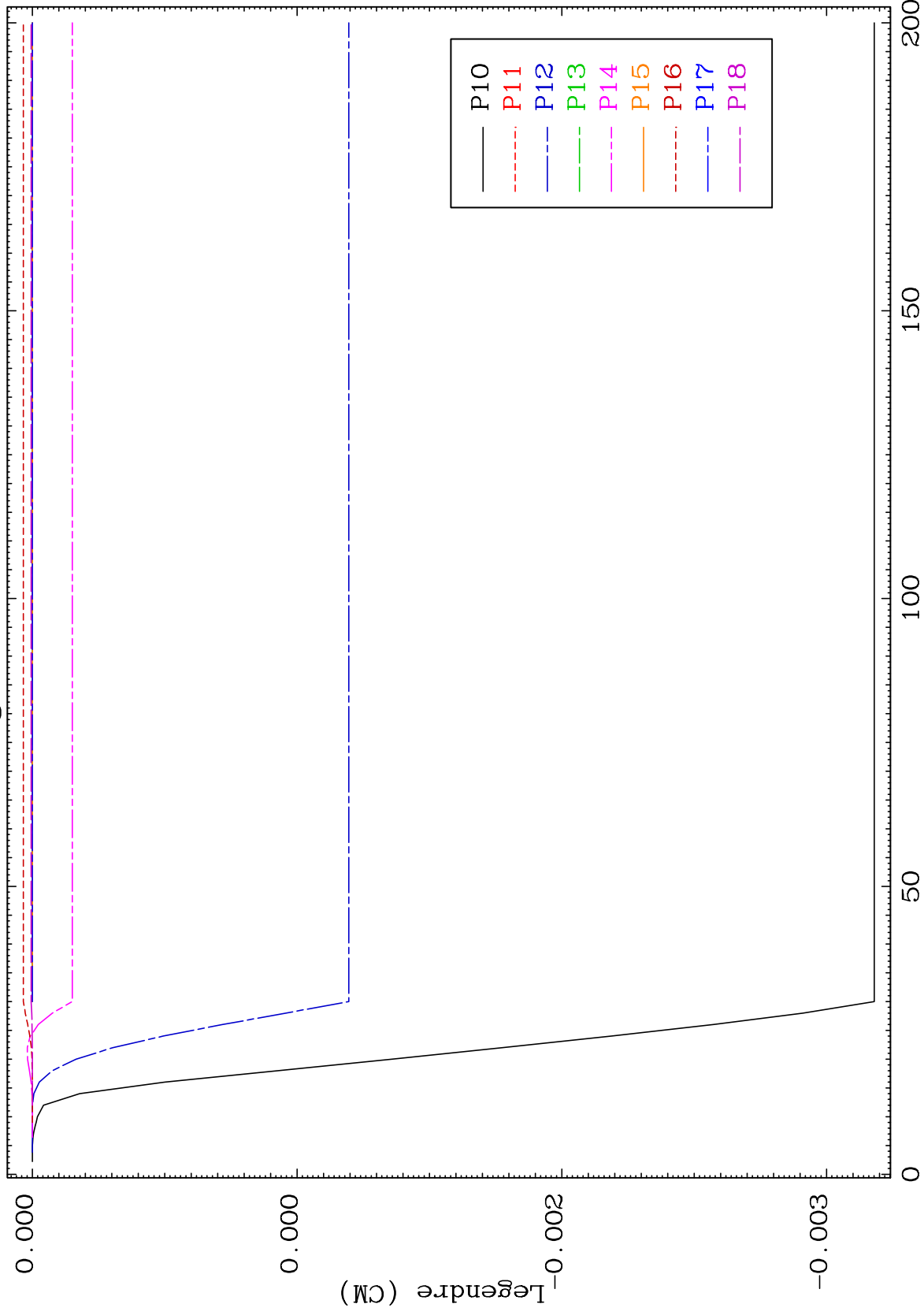
45-Rh-99



MAT 4513

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

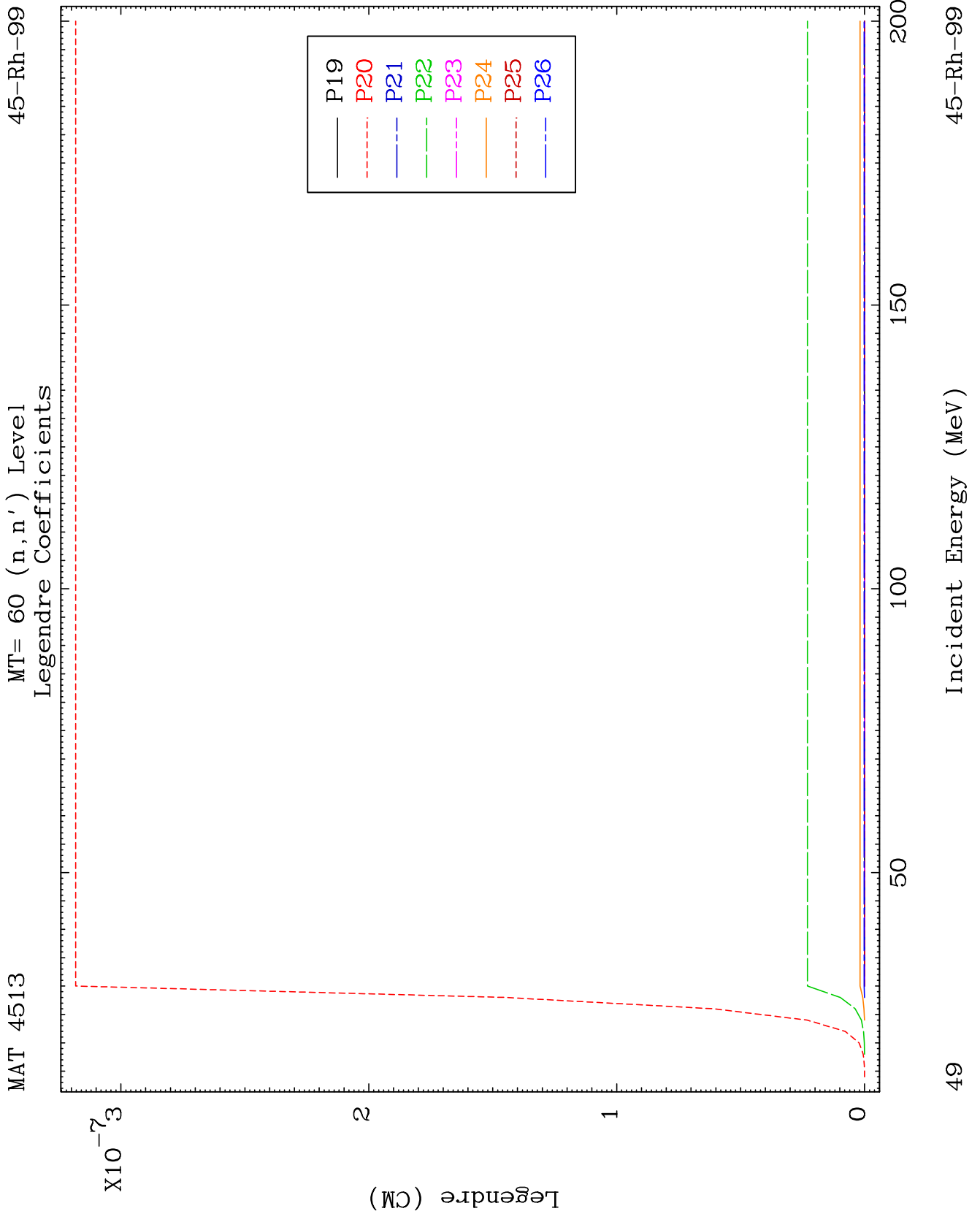
45-Rh-99

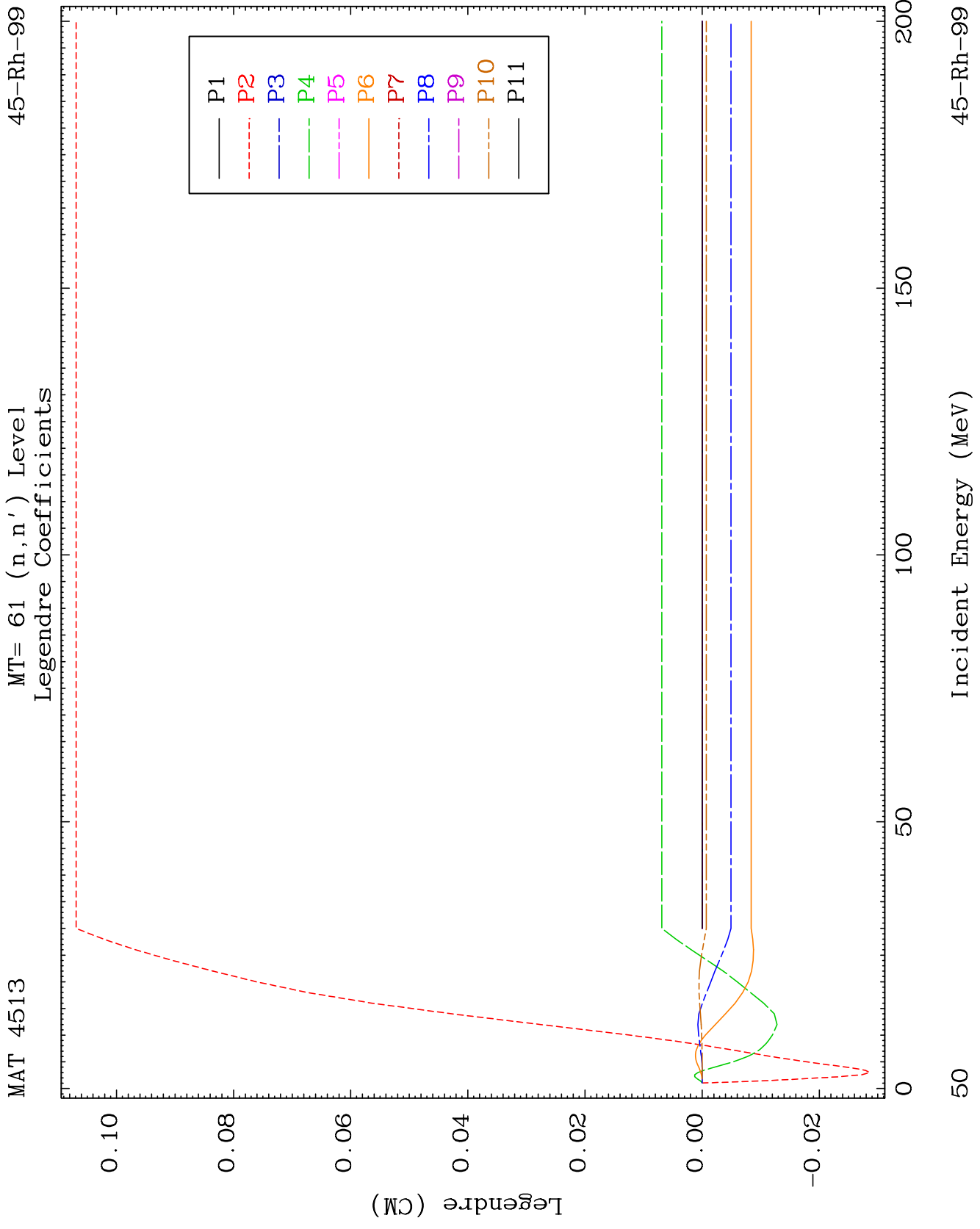


48

Incident Energy (MeV)

45-Rh-99

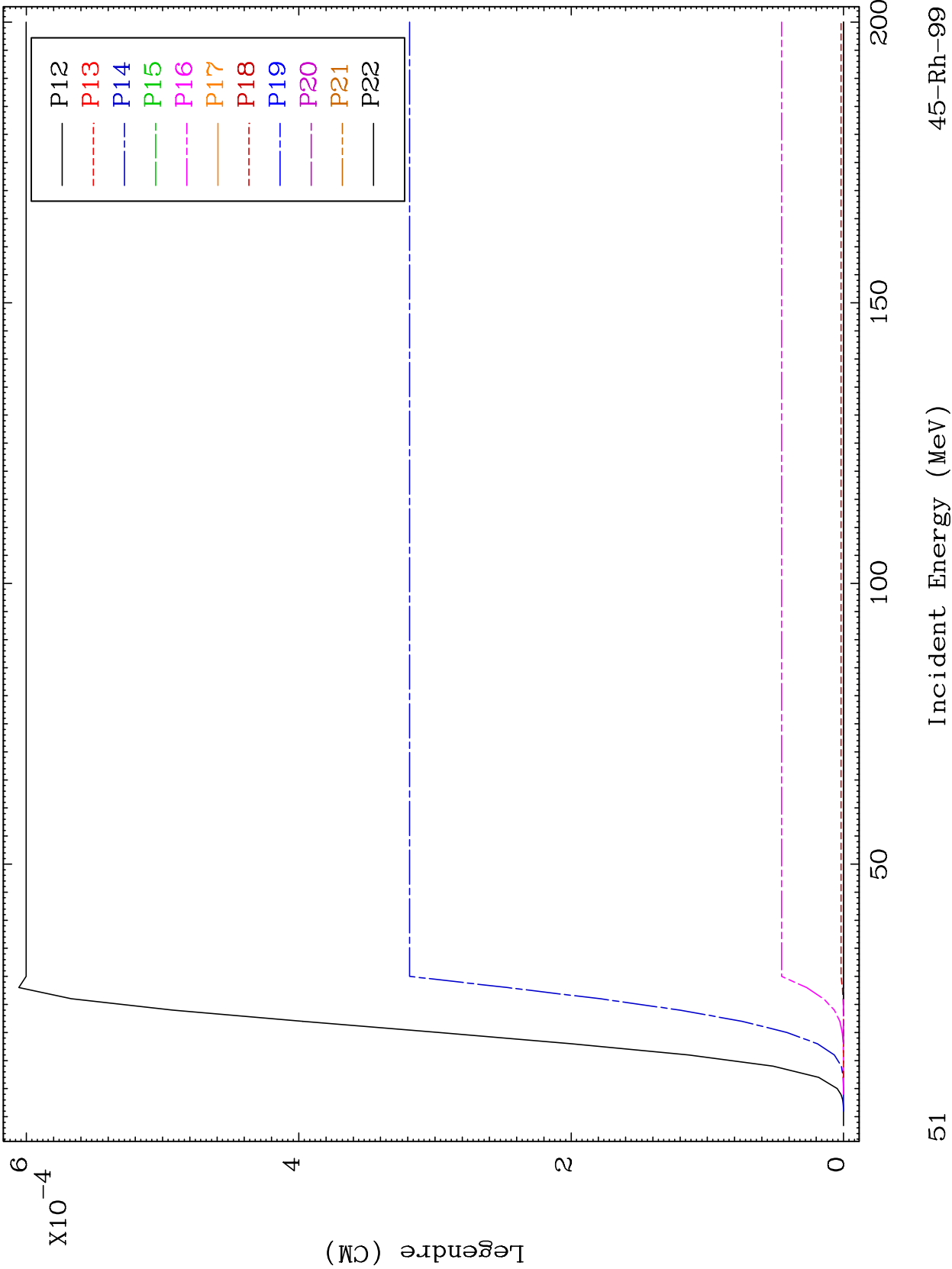




MAT 4513

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

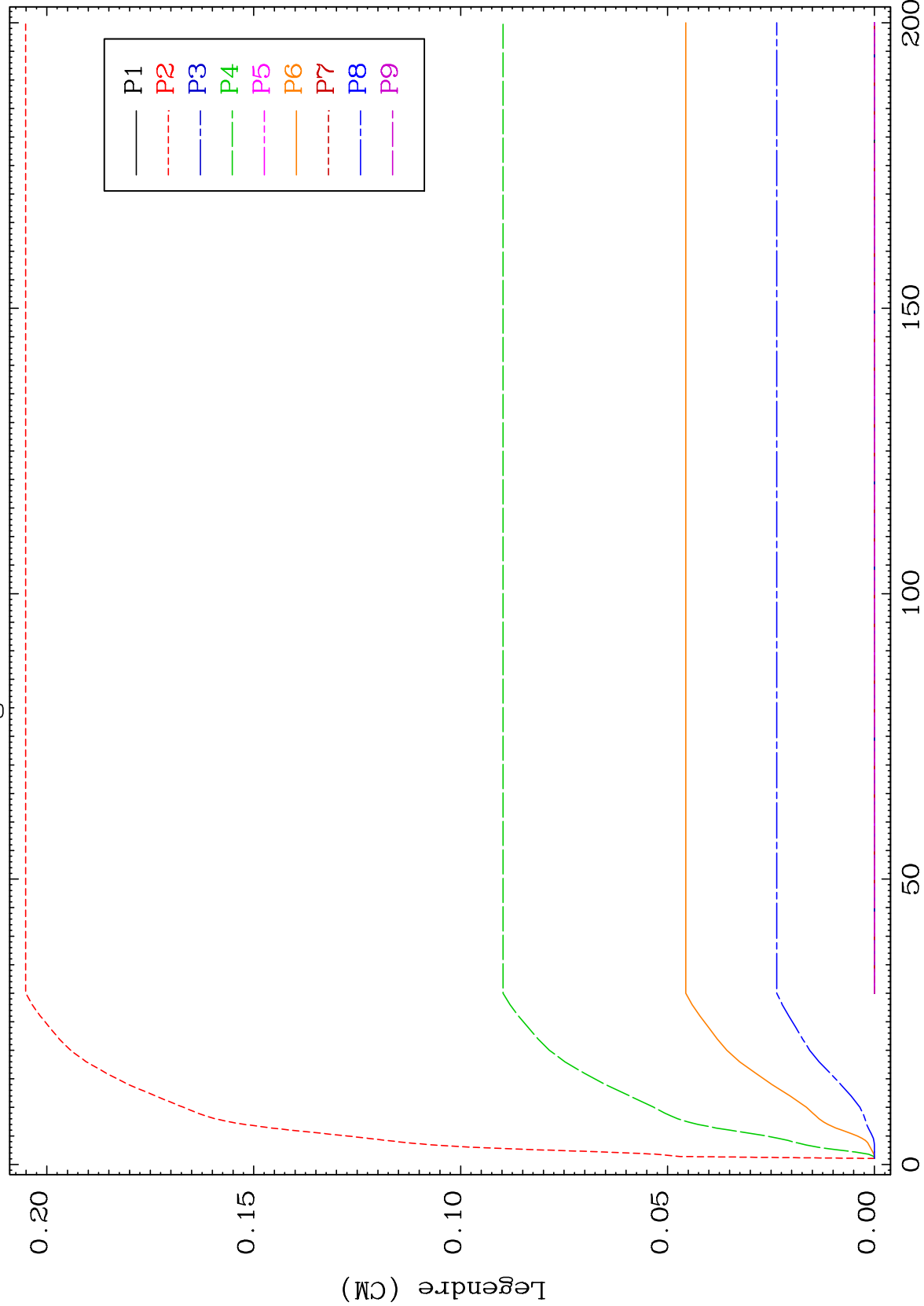
45-Rh-99



MAT 4513

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

45-Rh-99



52

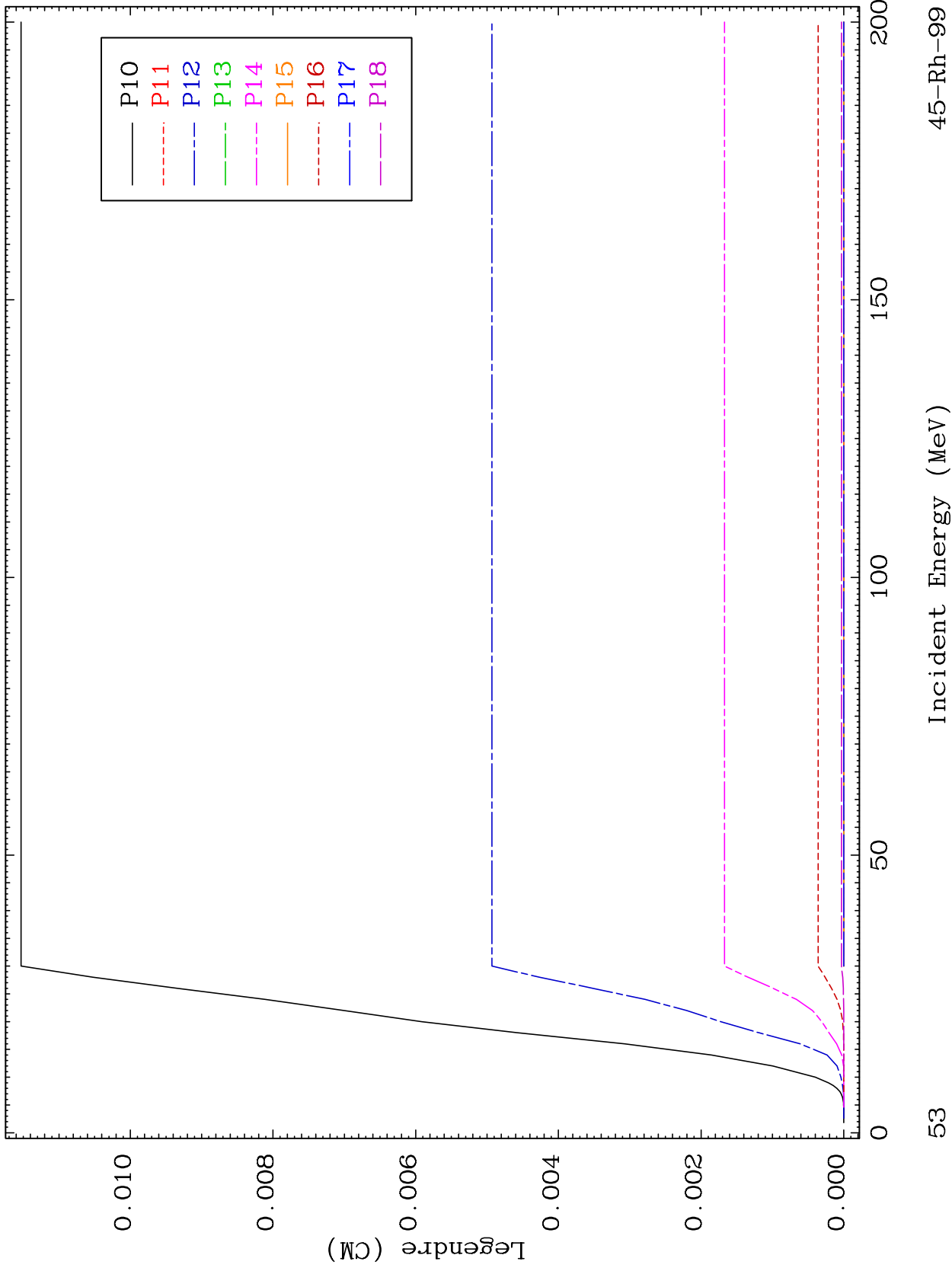
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

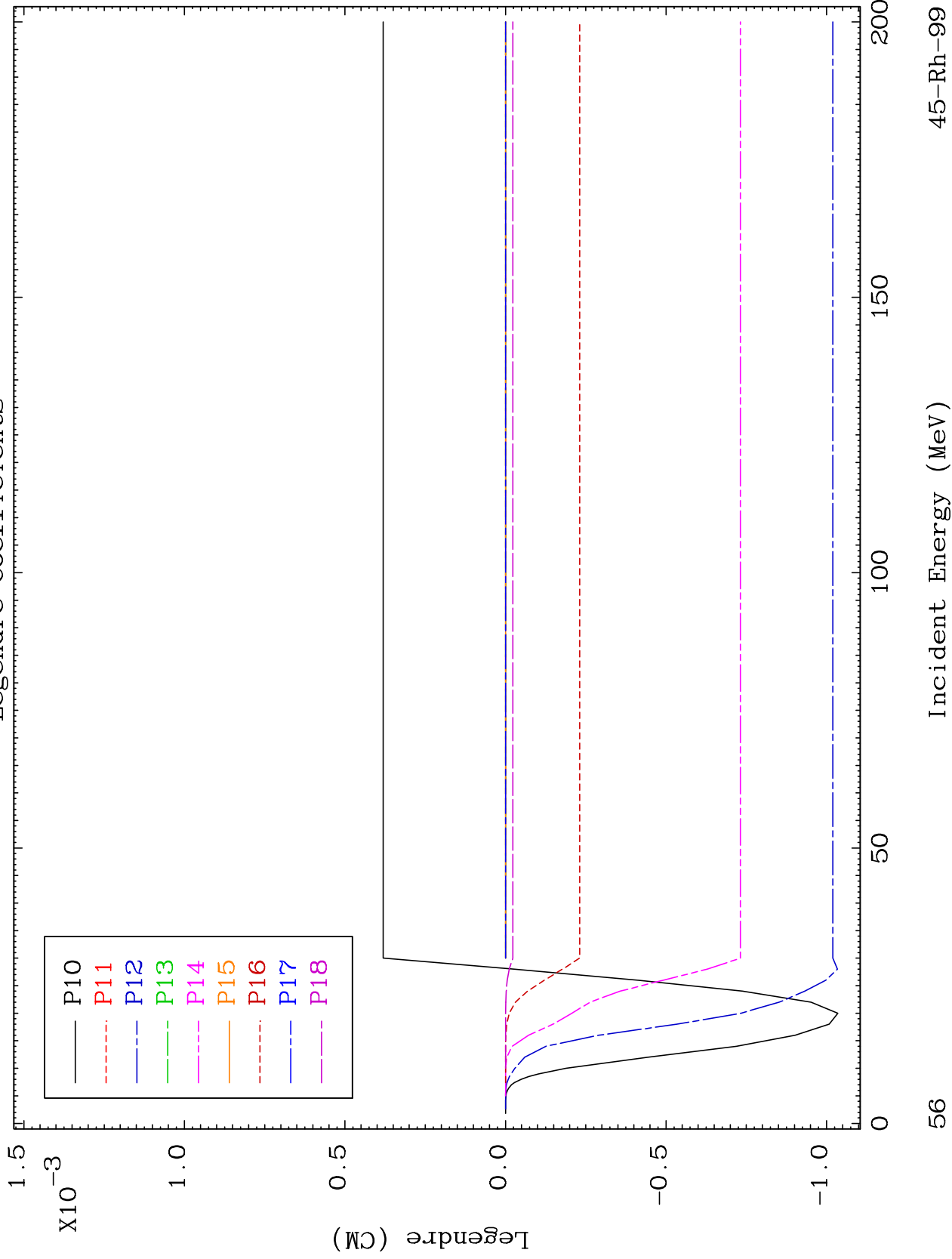
45-Rh-99



53

Incident Energy (MeV)

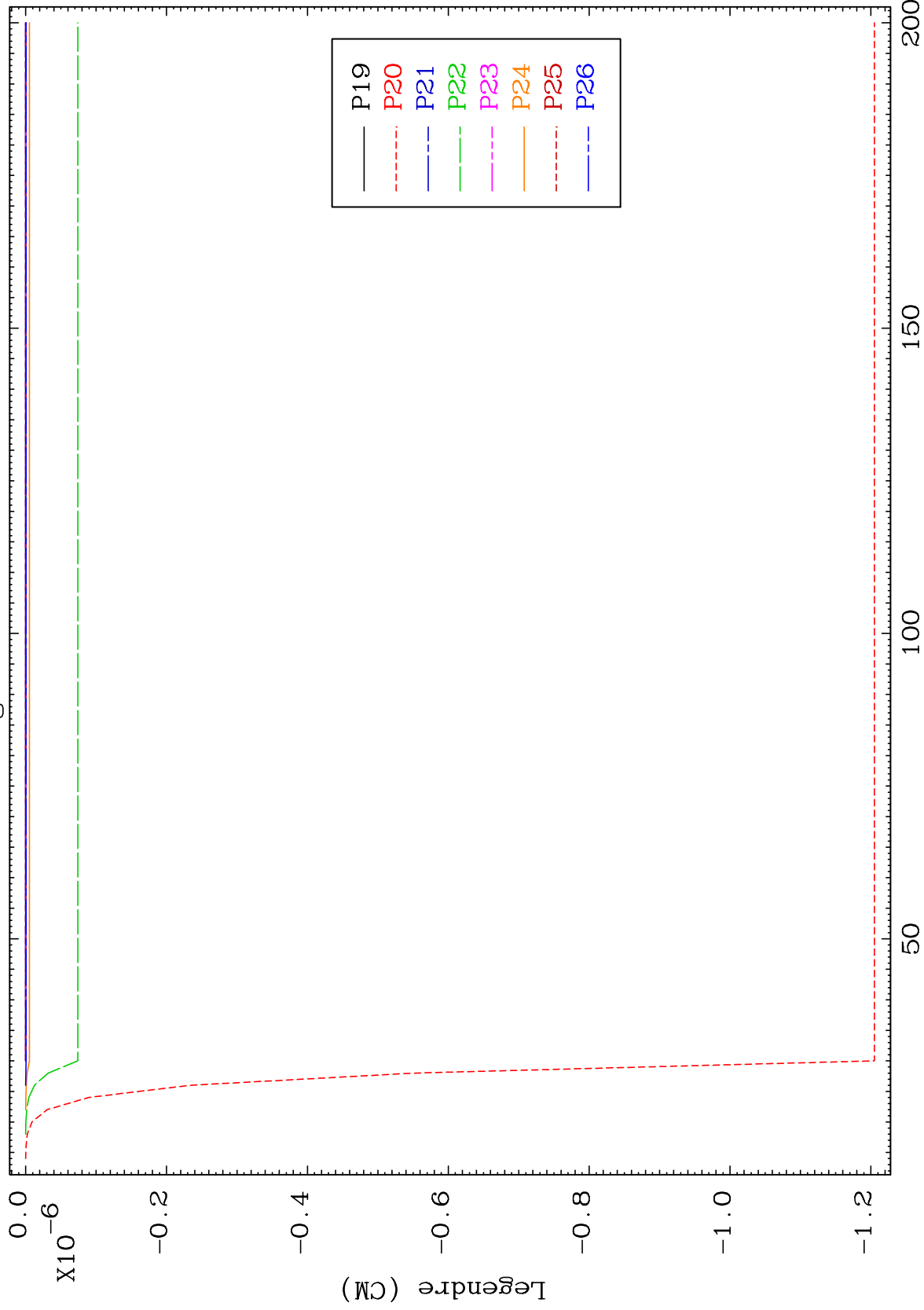
45-Rh-99



MAT 4513

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

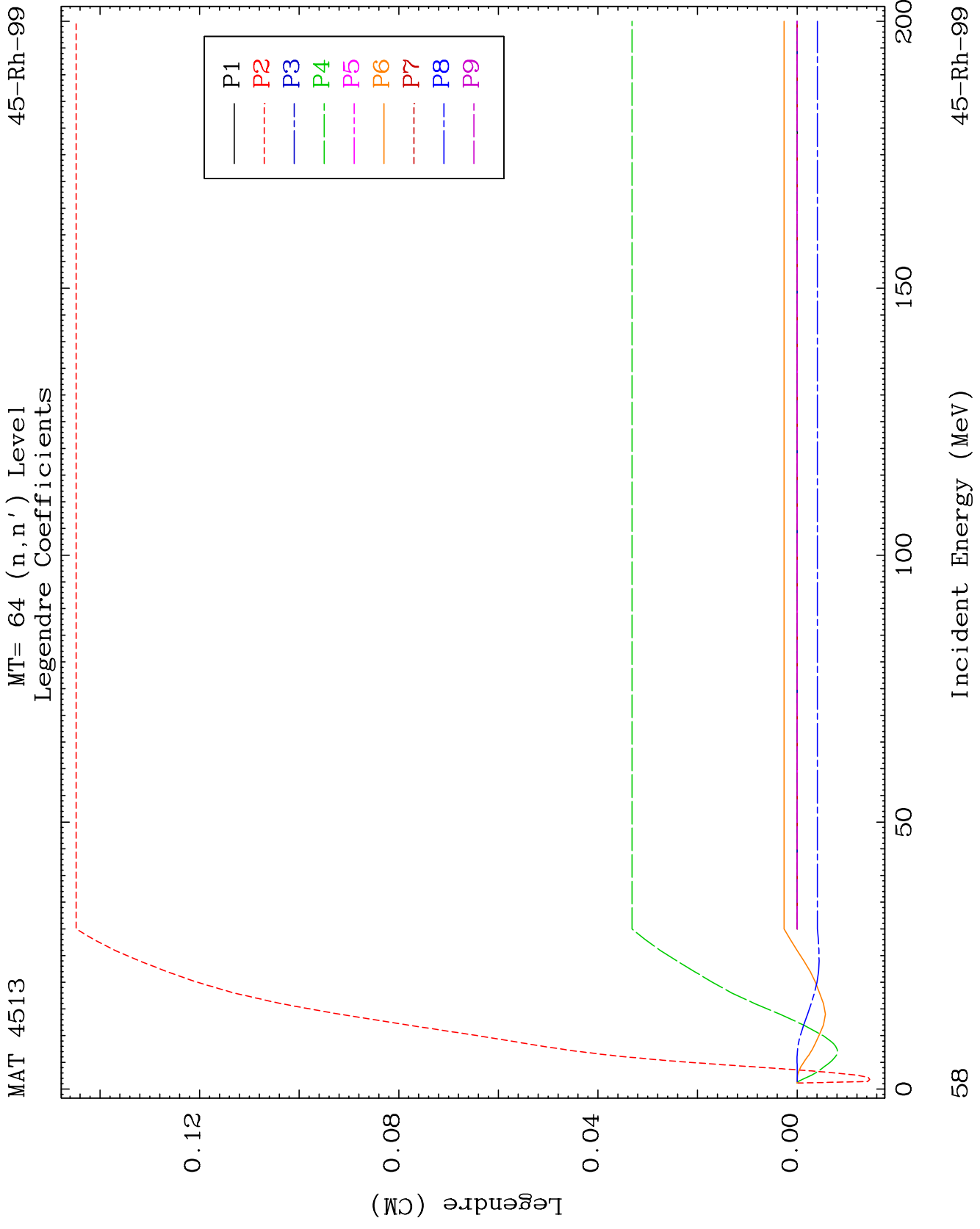
45-Rh-99



57

Incident Energy (MeV)

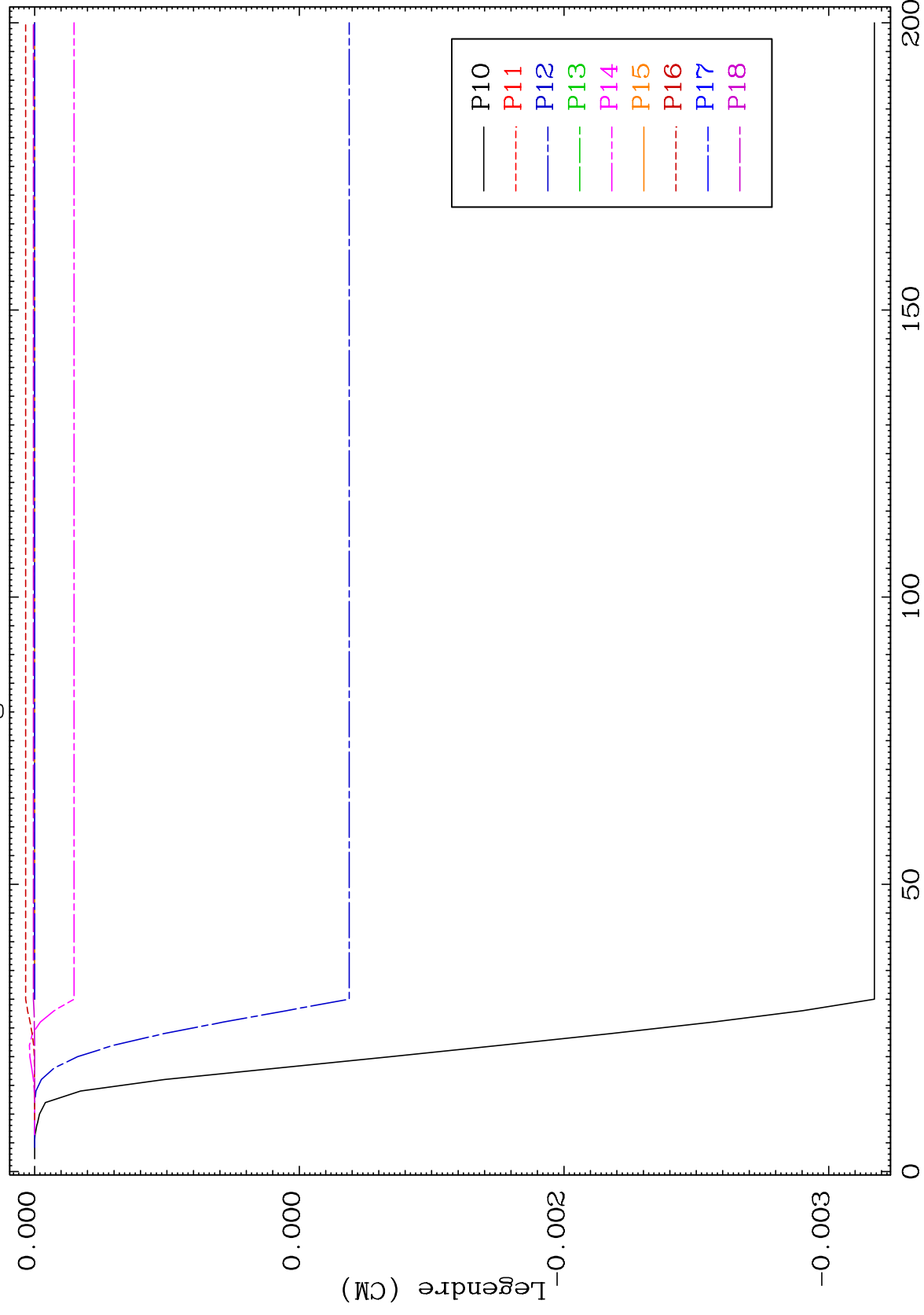
45-Rh-99



MAT 4513

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

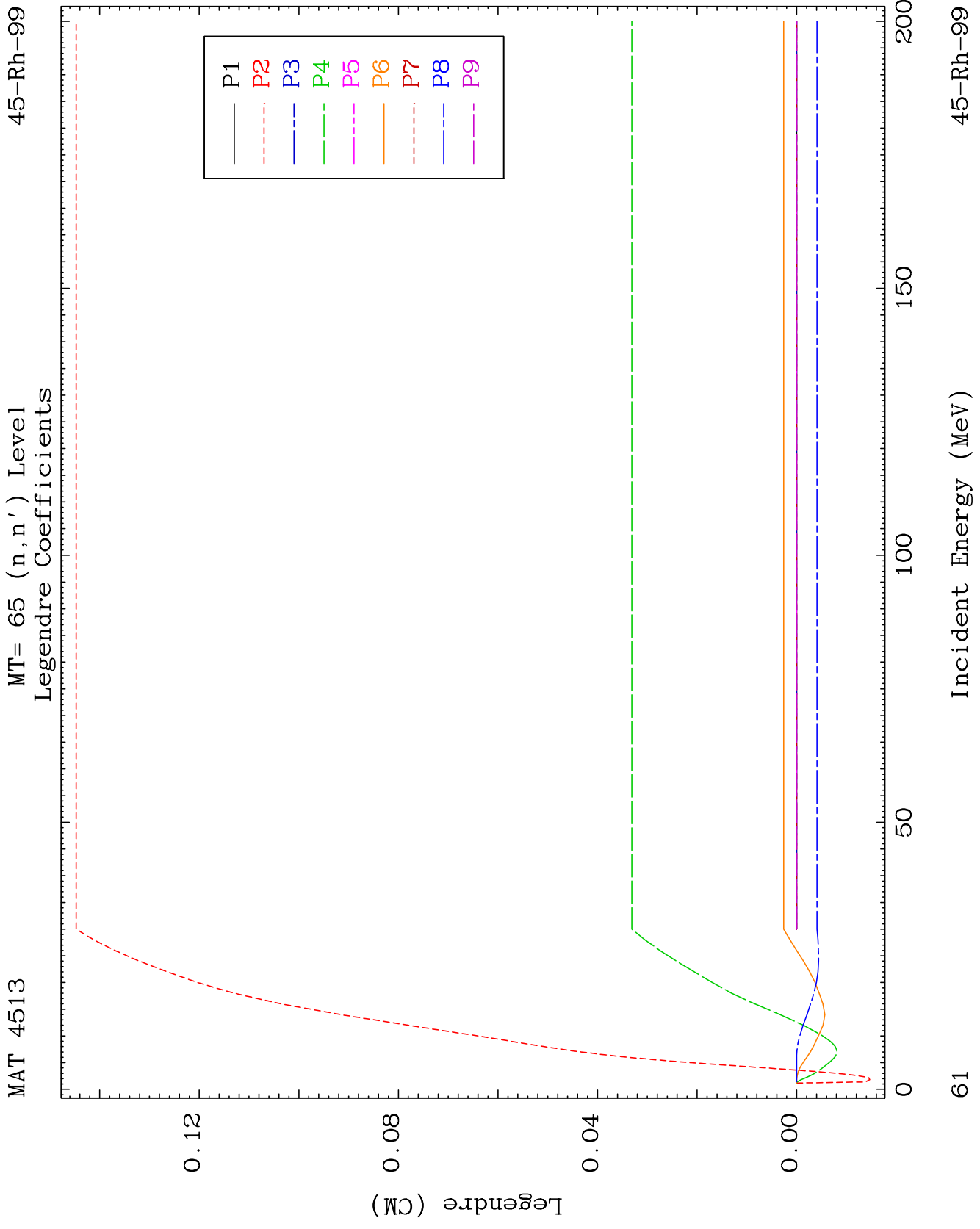
45-Rh-99



59

Incident Energy (MeV)

45-Rh-99

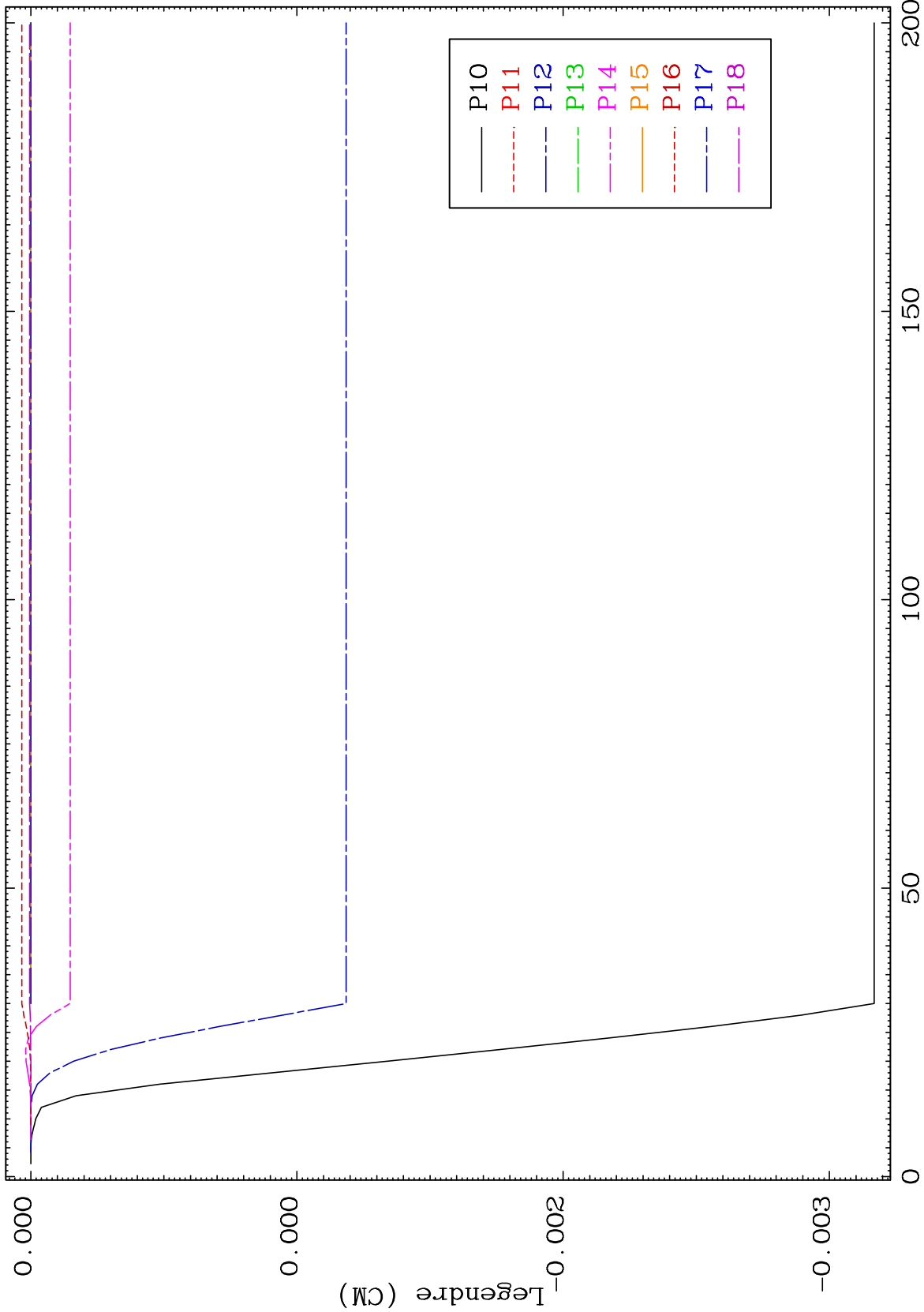


MAT 4513

MT= 65 (n,n') Level

45-Rh-99

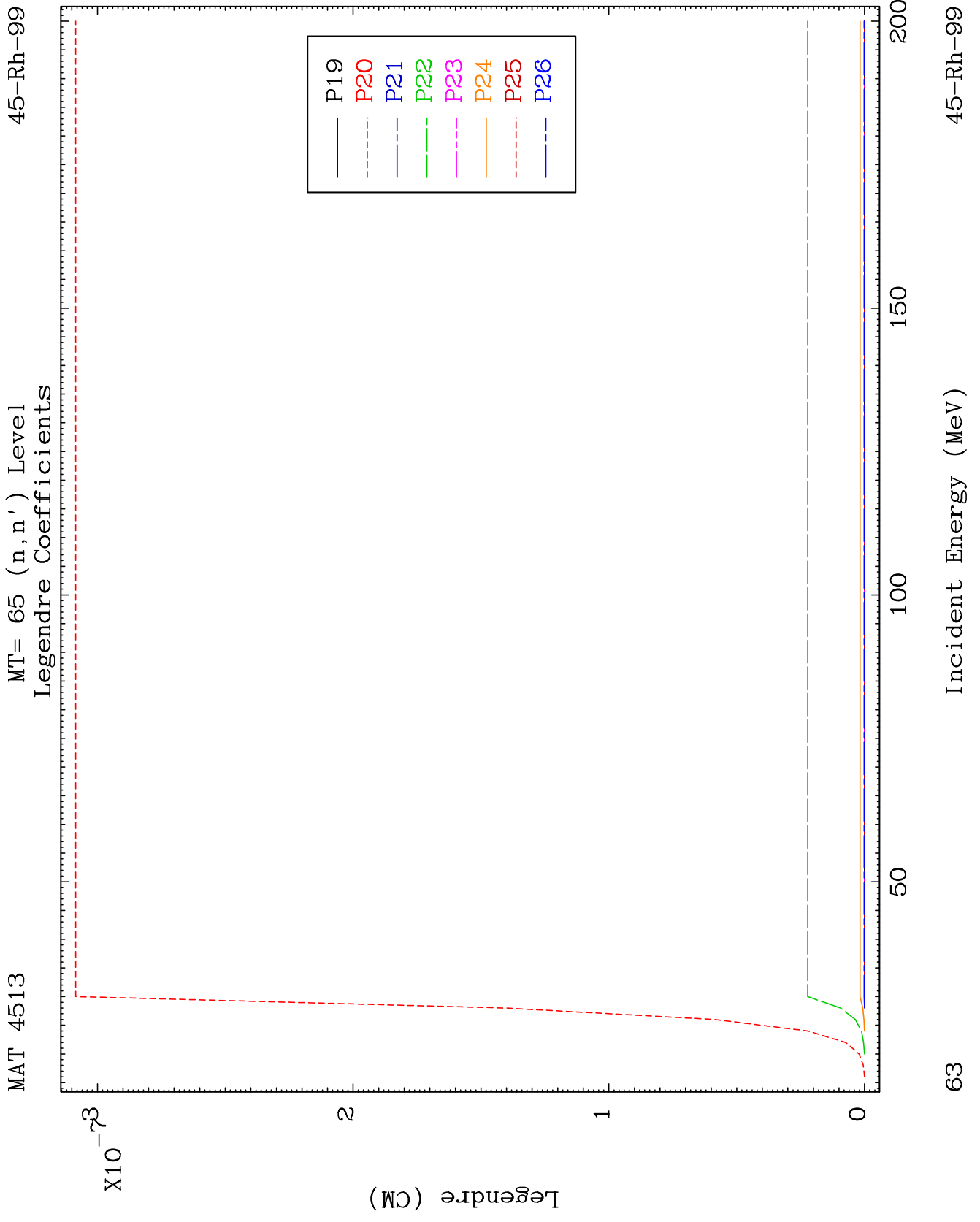
Legendre Coefficients



62

Incident Energy (MeV)

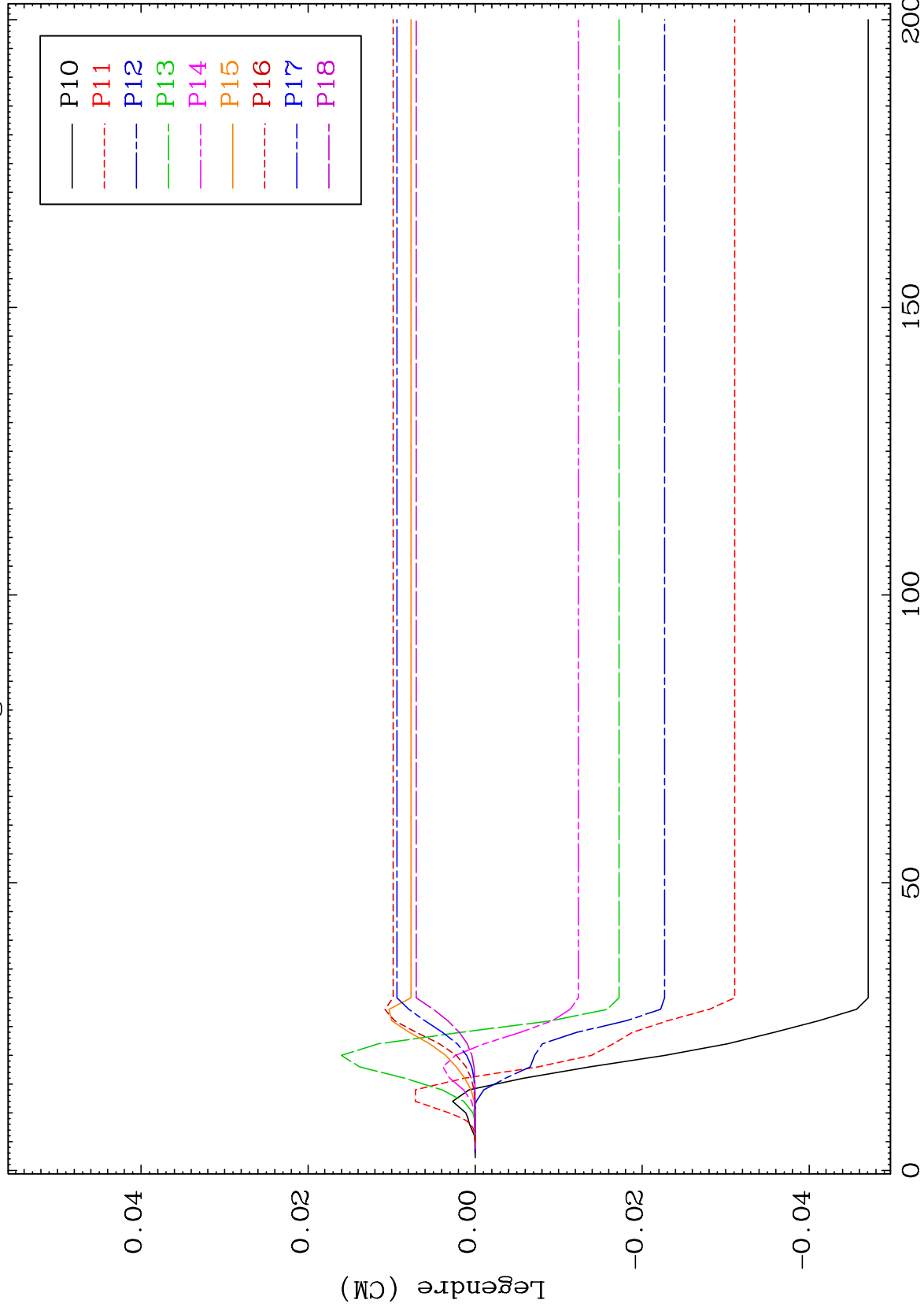
45-Rh-99



MAT 4513

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

45-Rh-99



65

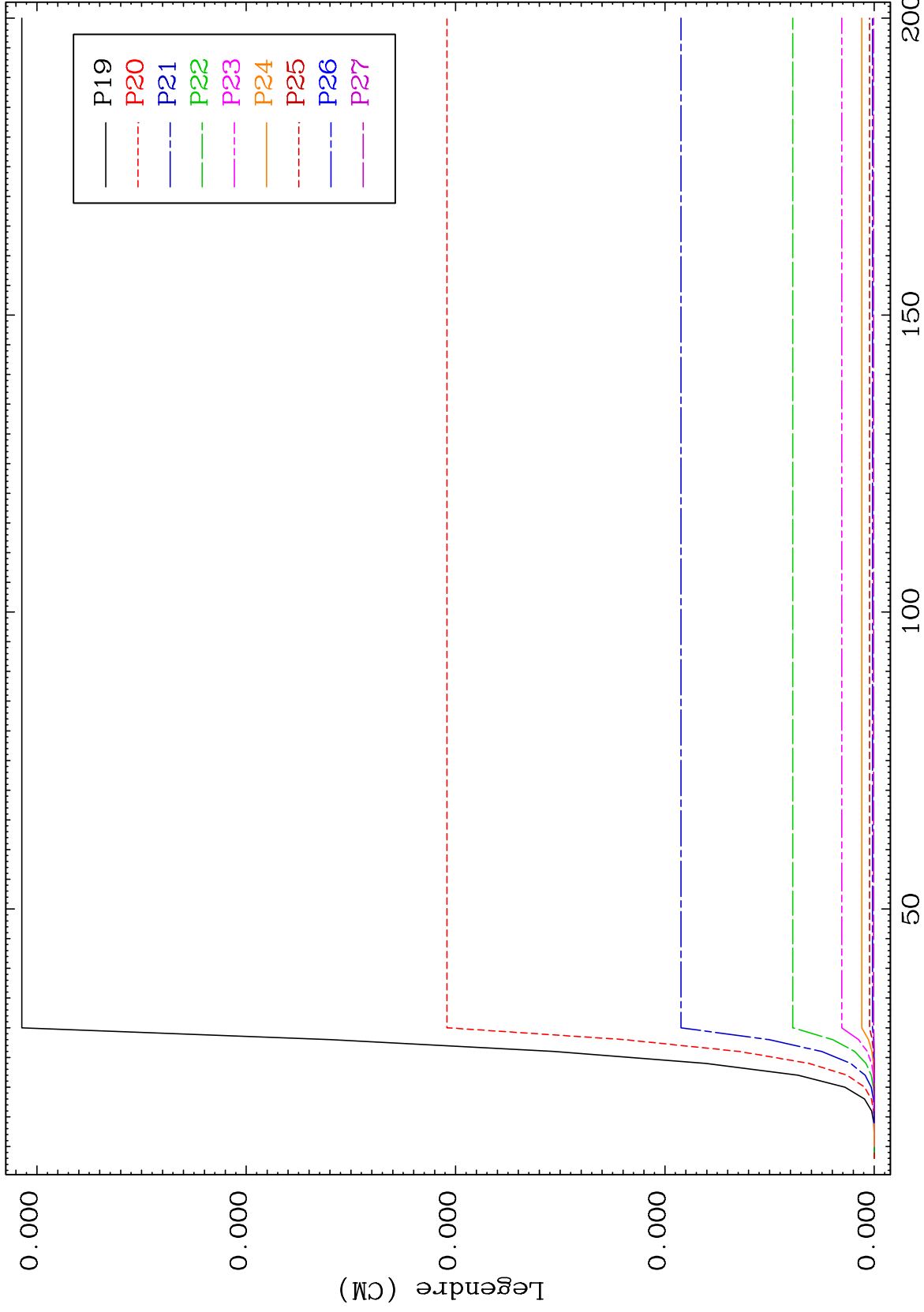
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



66

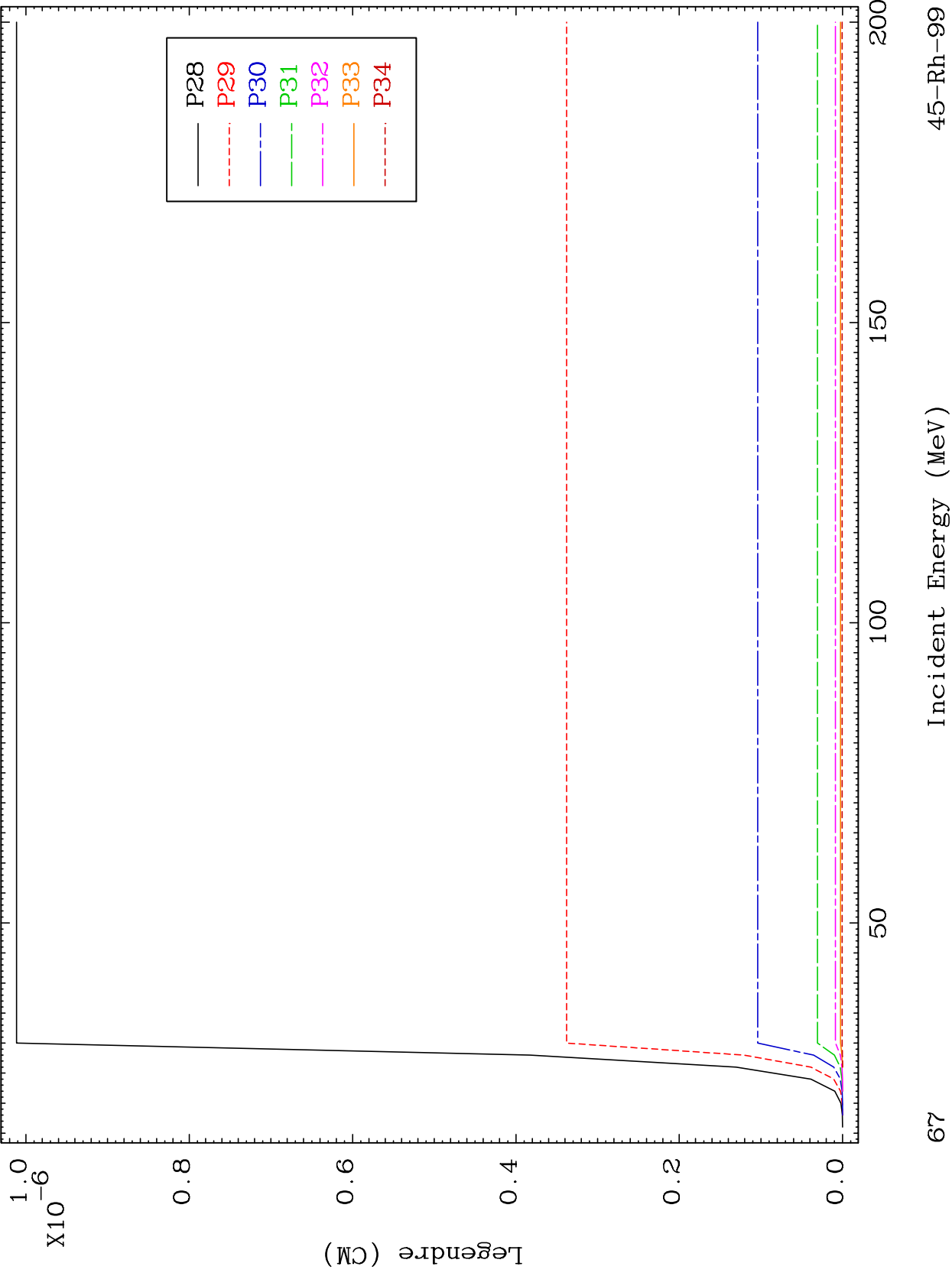
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



67

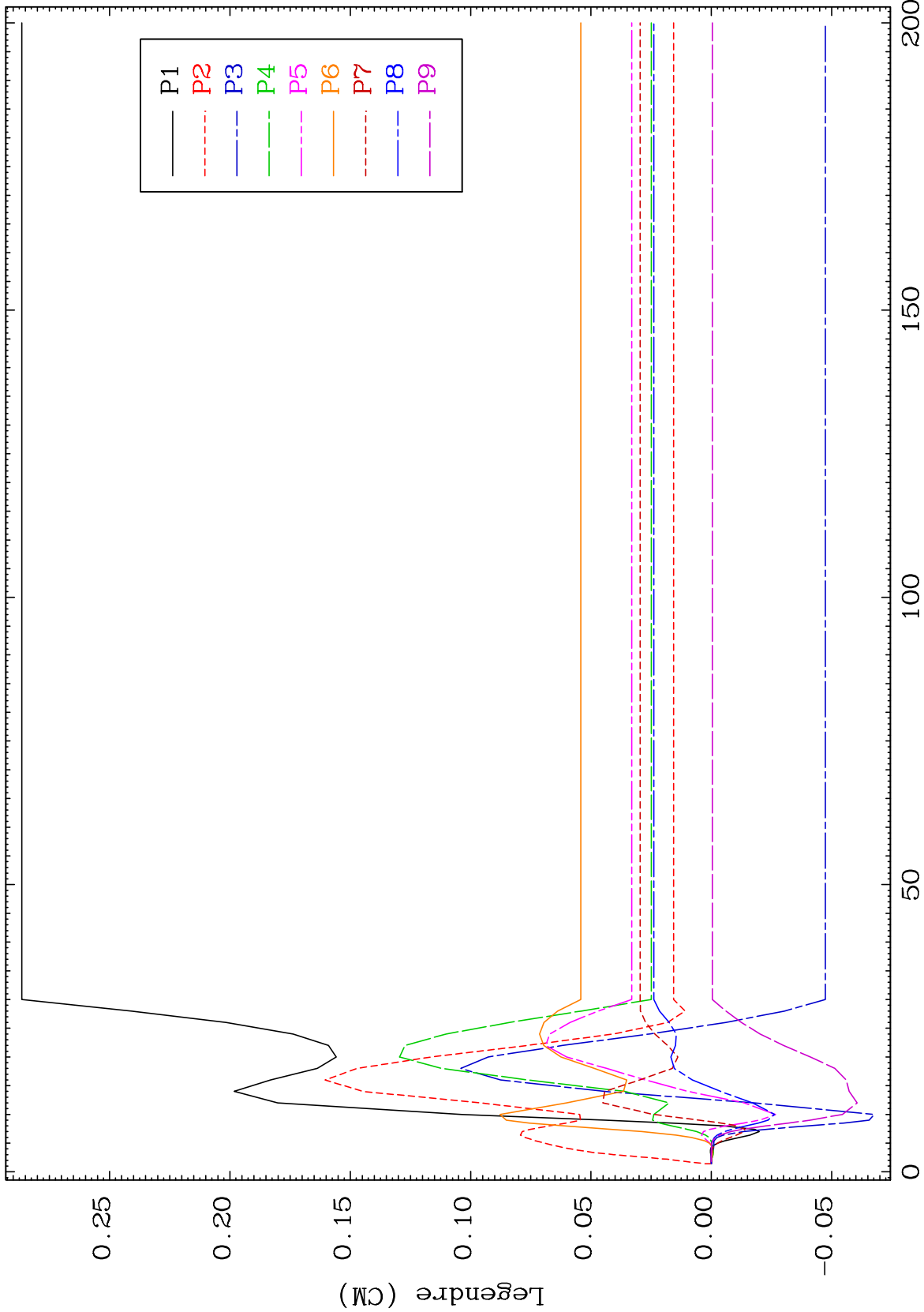
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



68

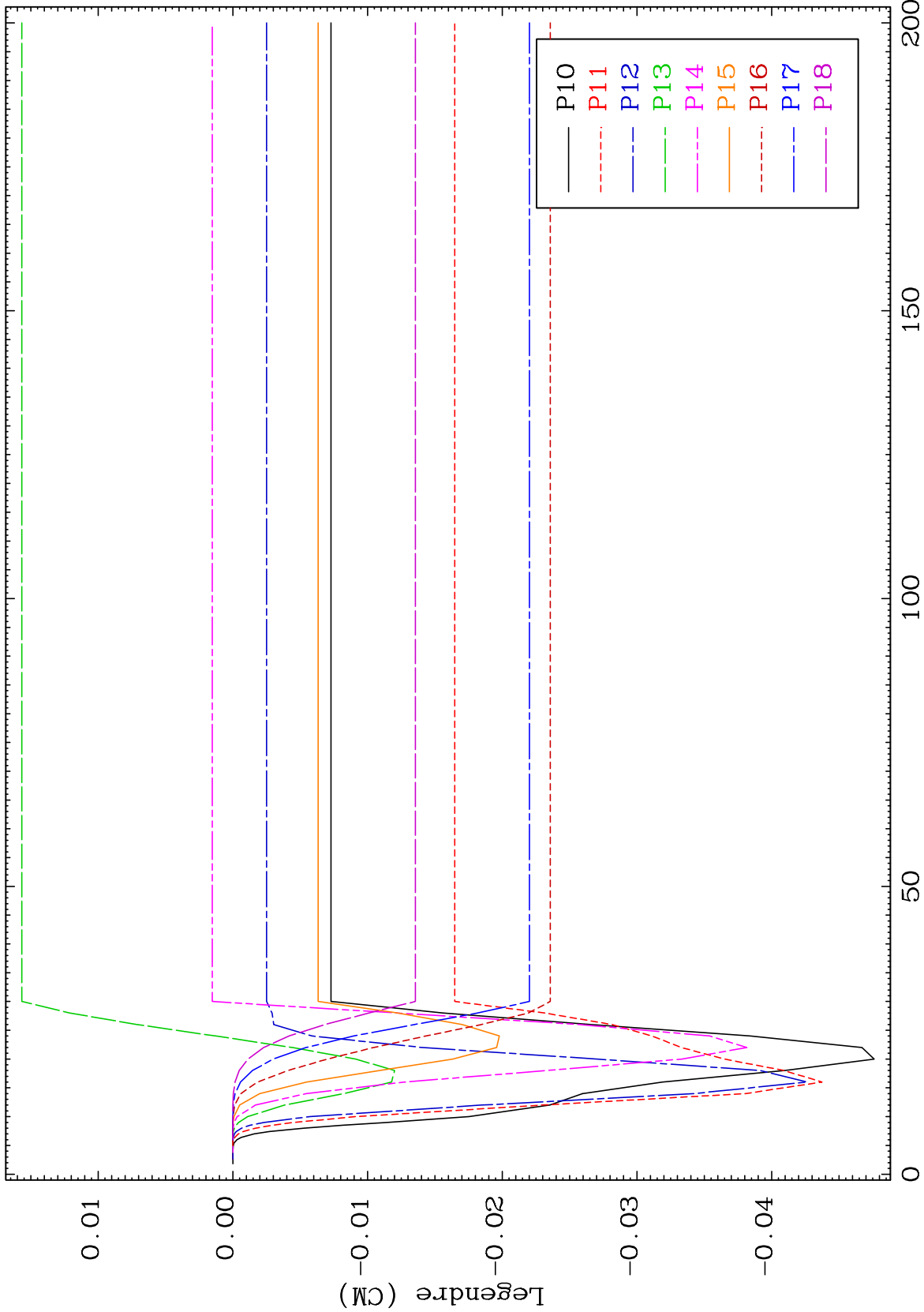
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

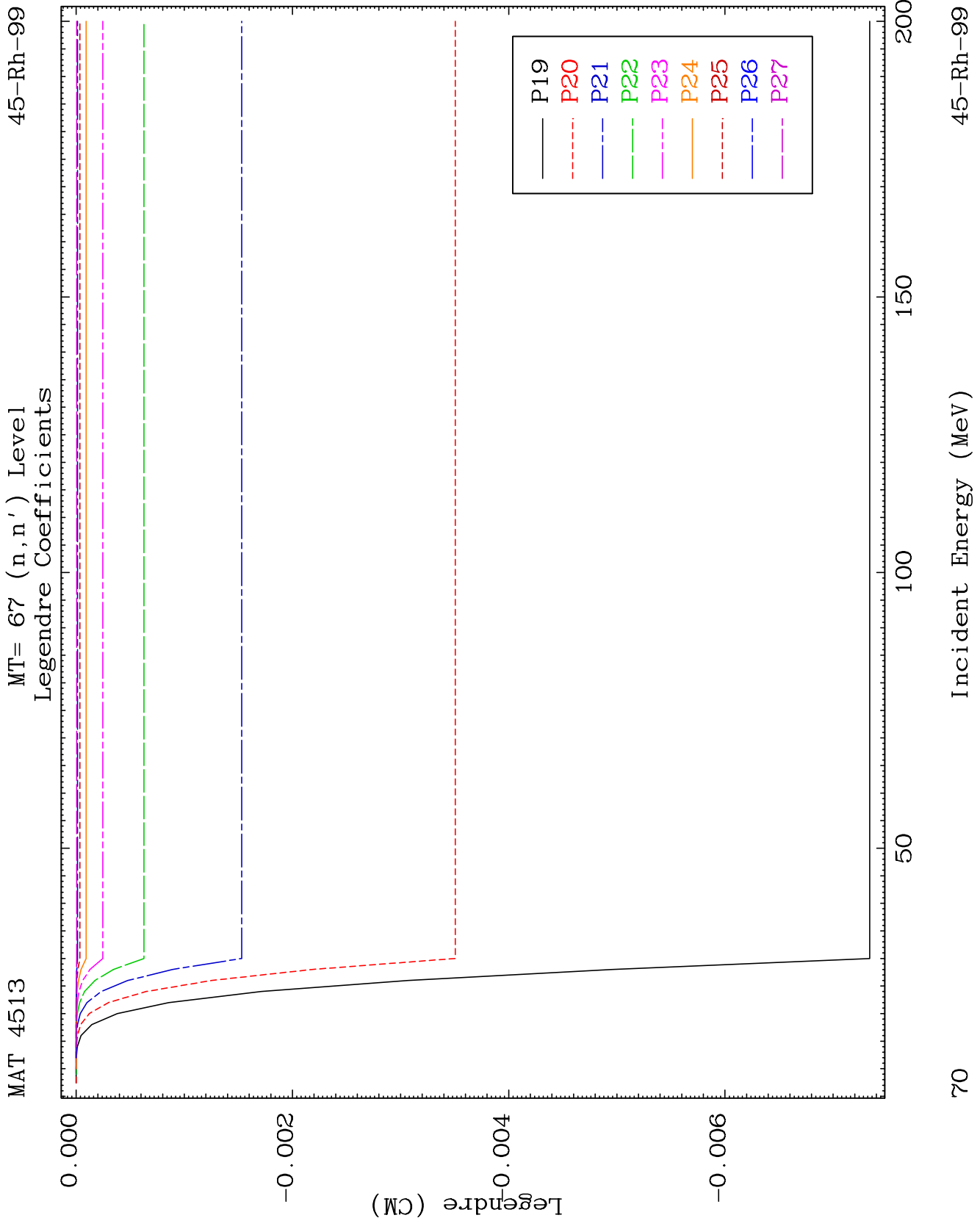
45-Rh-99



69

Incident Energy (MeV)

45-Rh-99

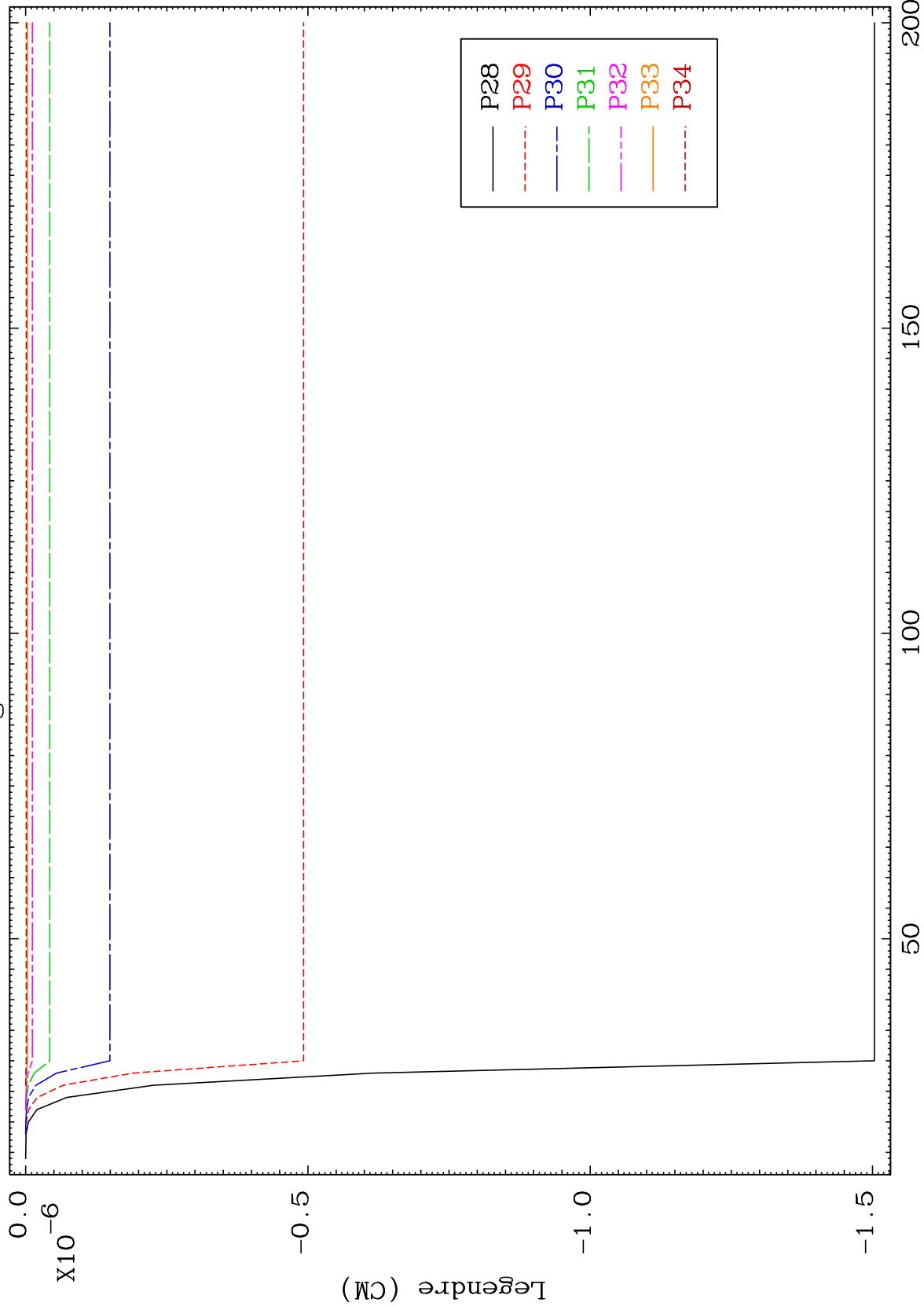


MAT 4513

MT= 67 (n,n') Level

45-Rh-99

Legendre Coefficients



45-Rh-99

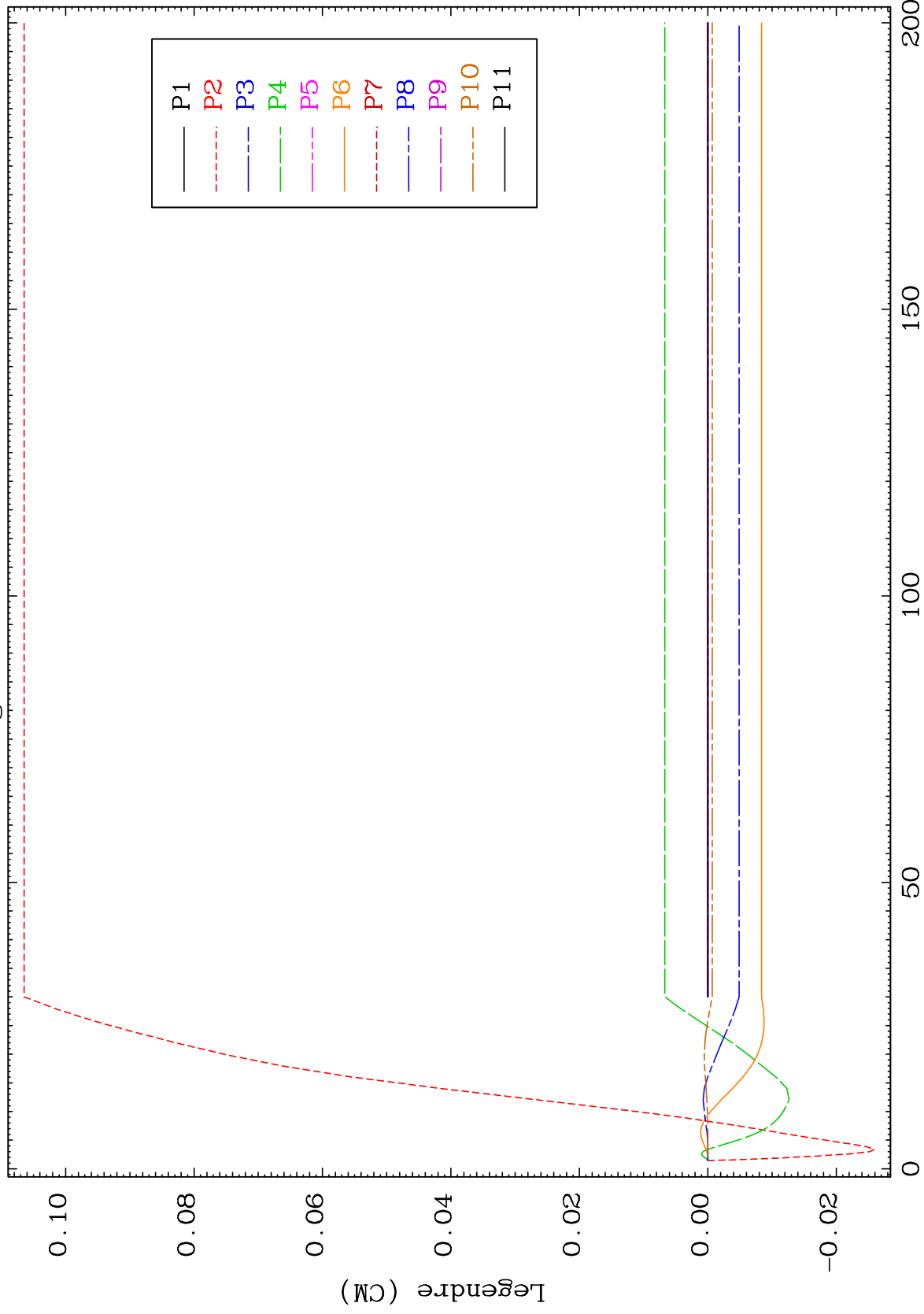
Incident Energy (MeV)

71

MAT 4513

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

45-Rh-99



72

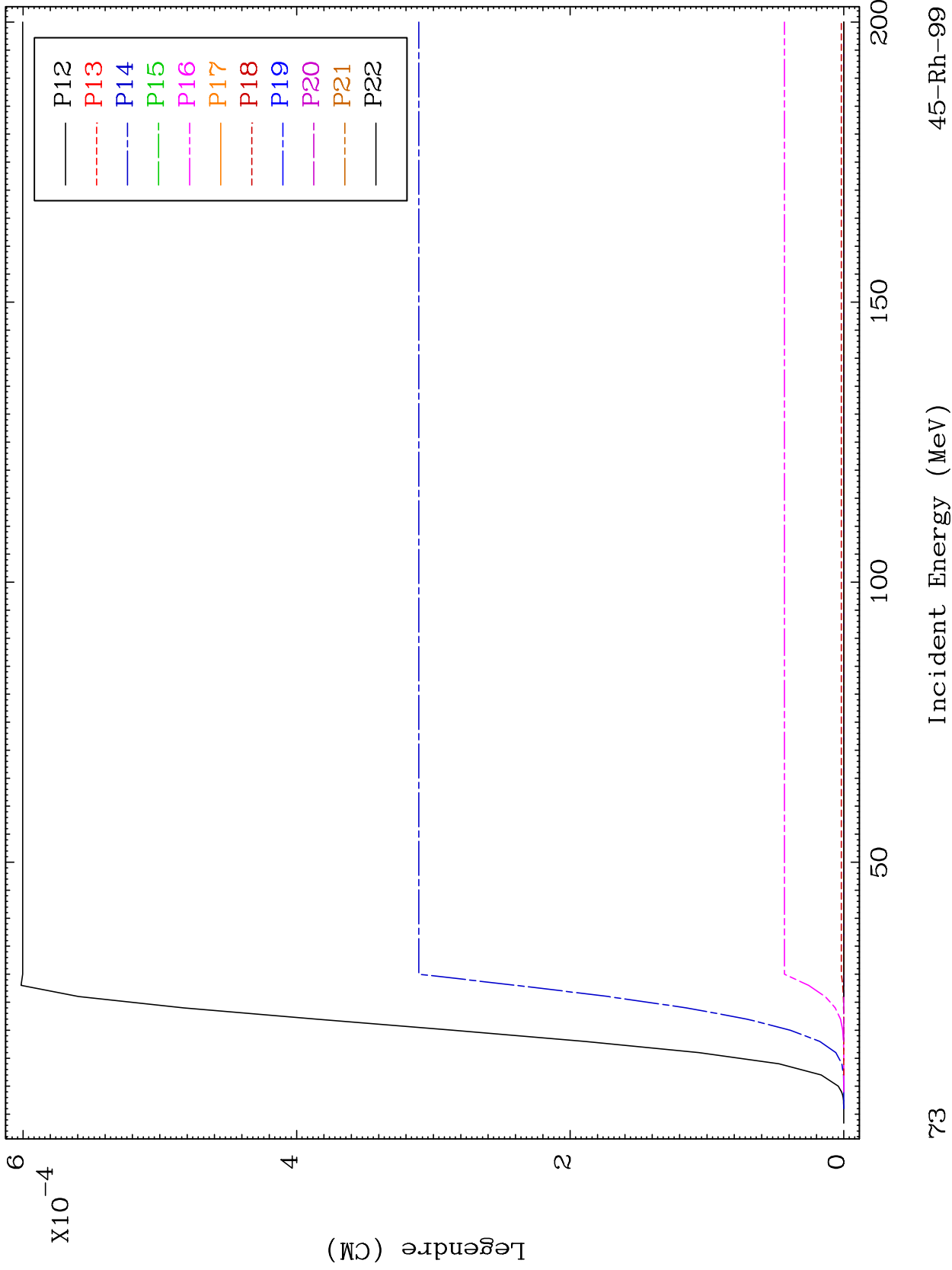
Incident Energy (MeV)

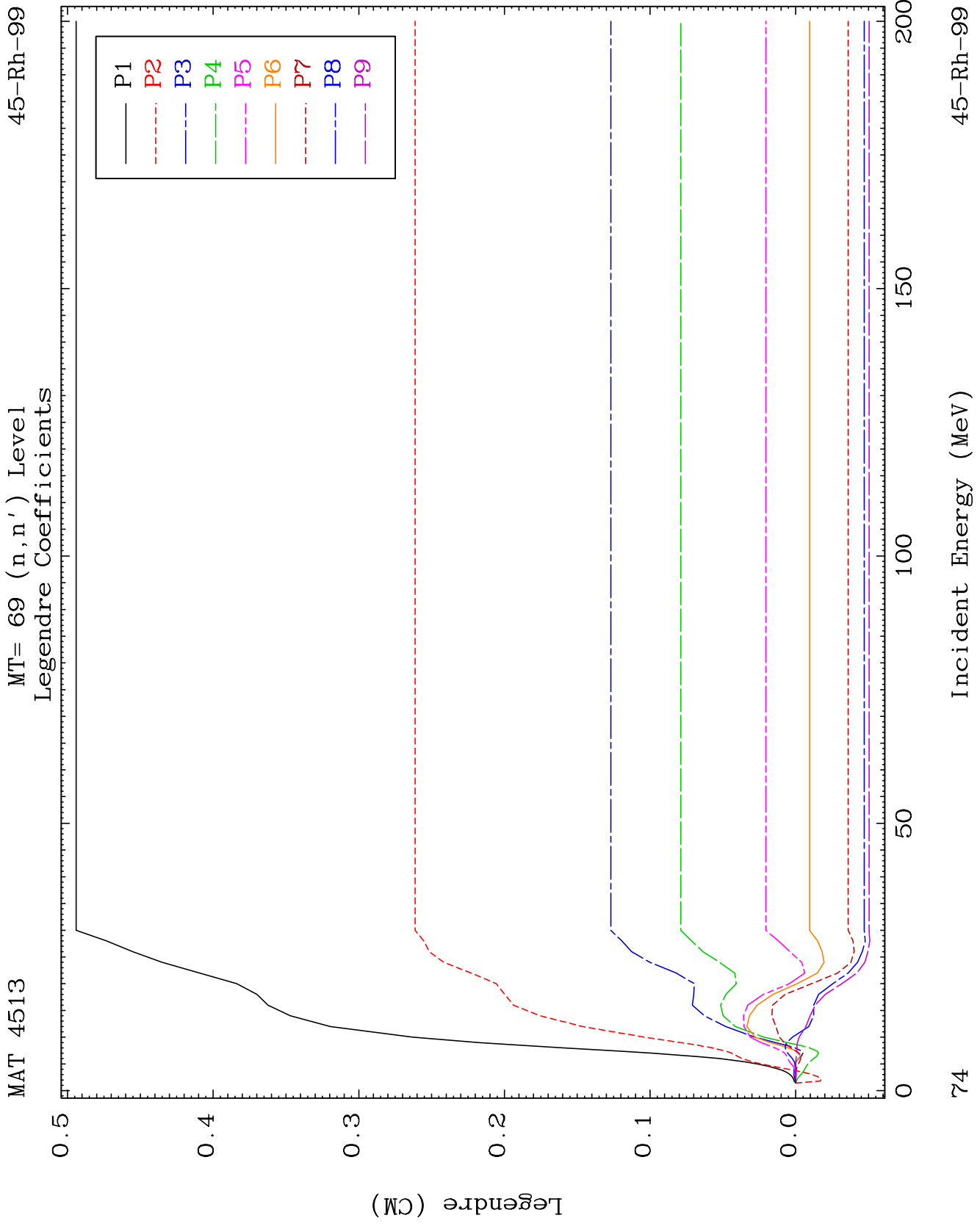
45-Rh-99

MAT 4513

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

45-Rh-99

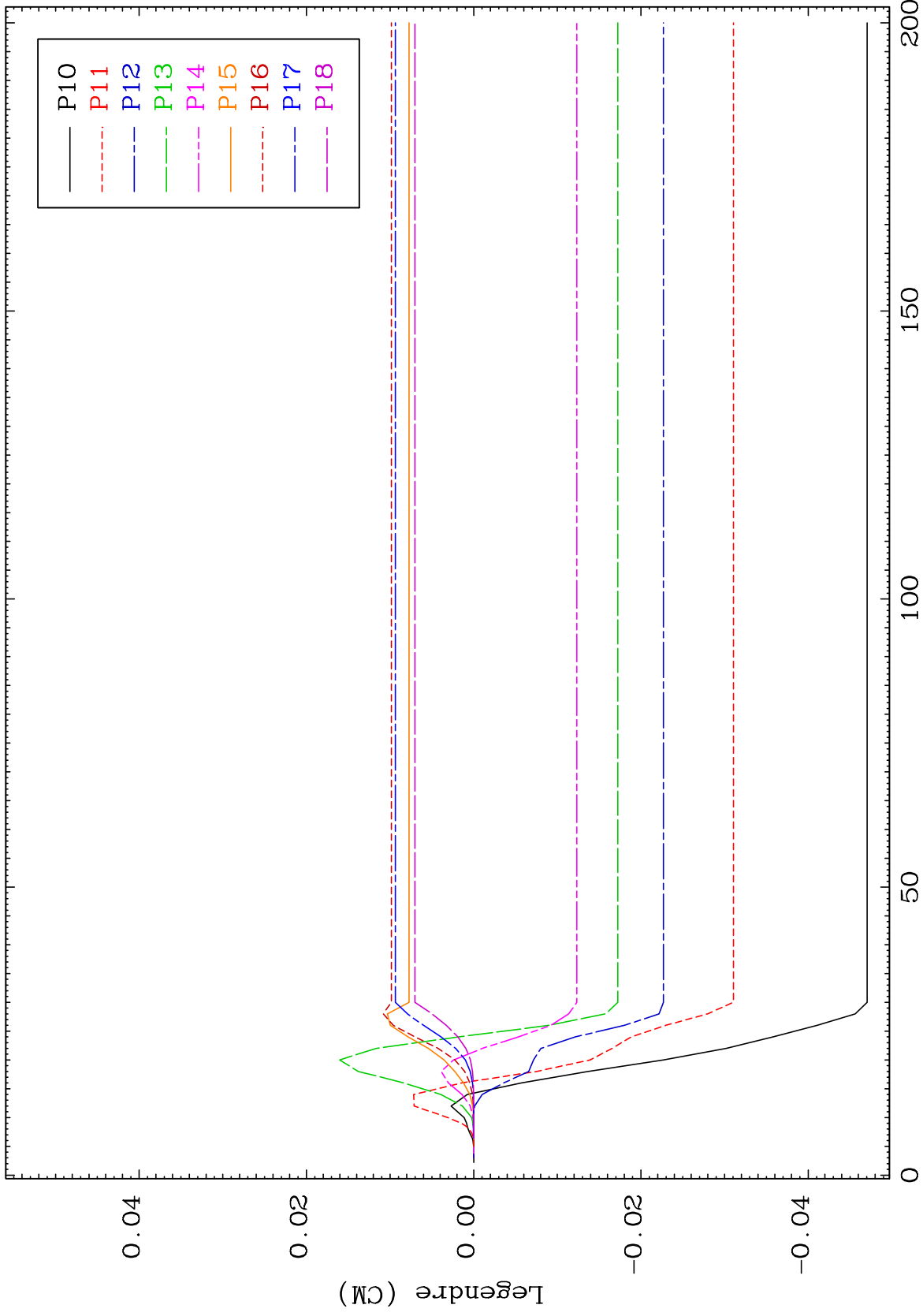




MAT 4513

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

45-Rh-99



75

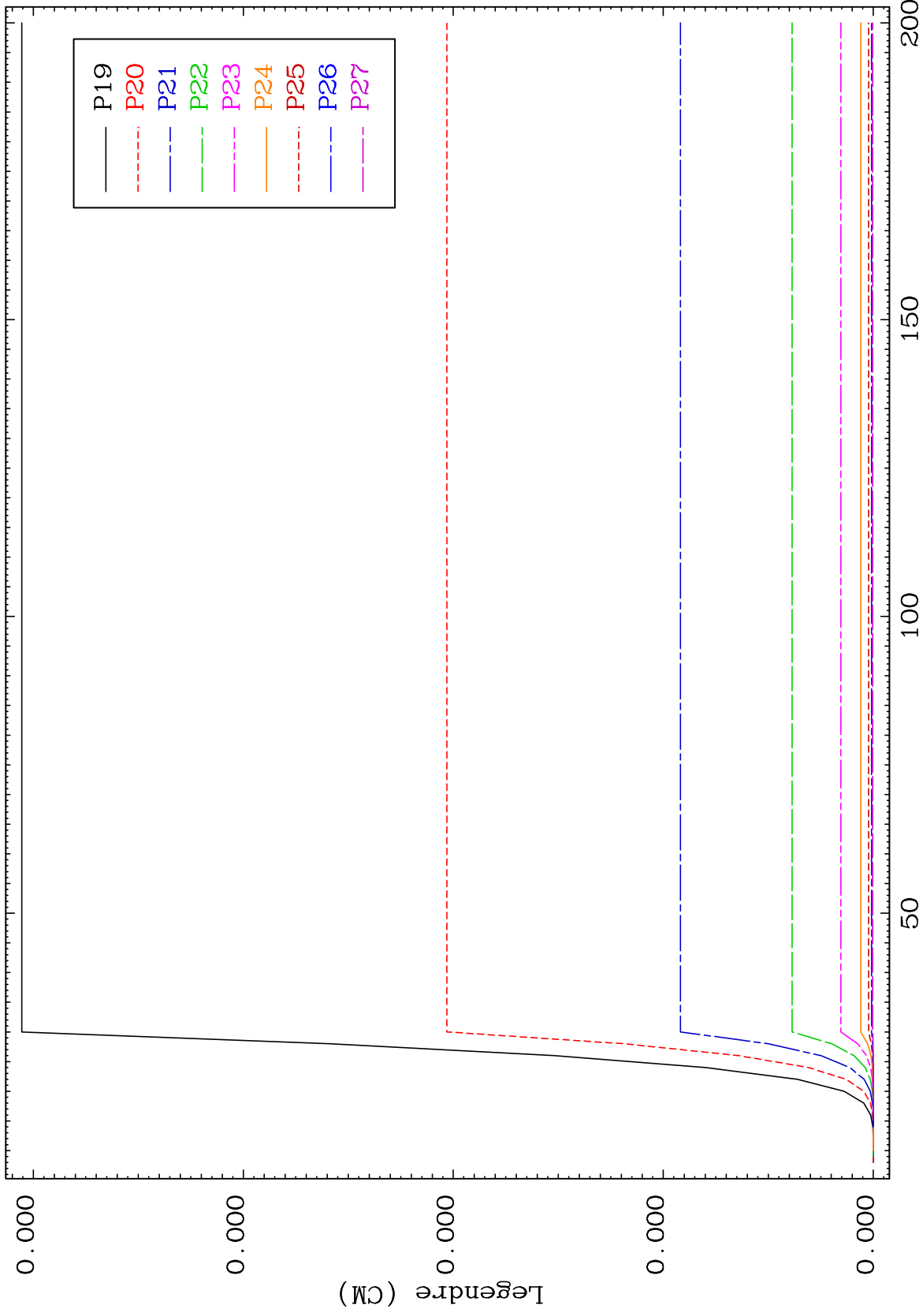
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



76

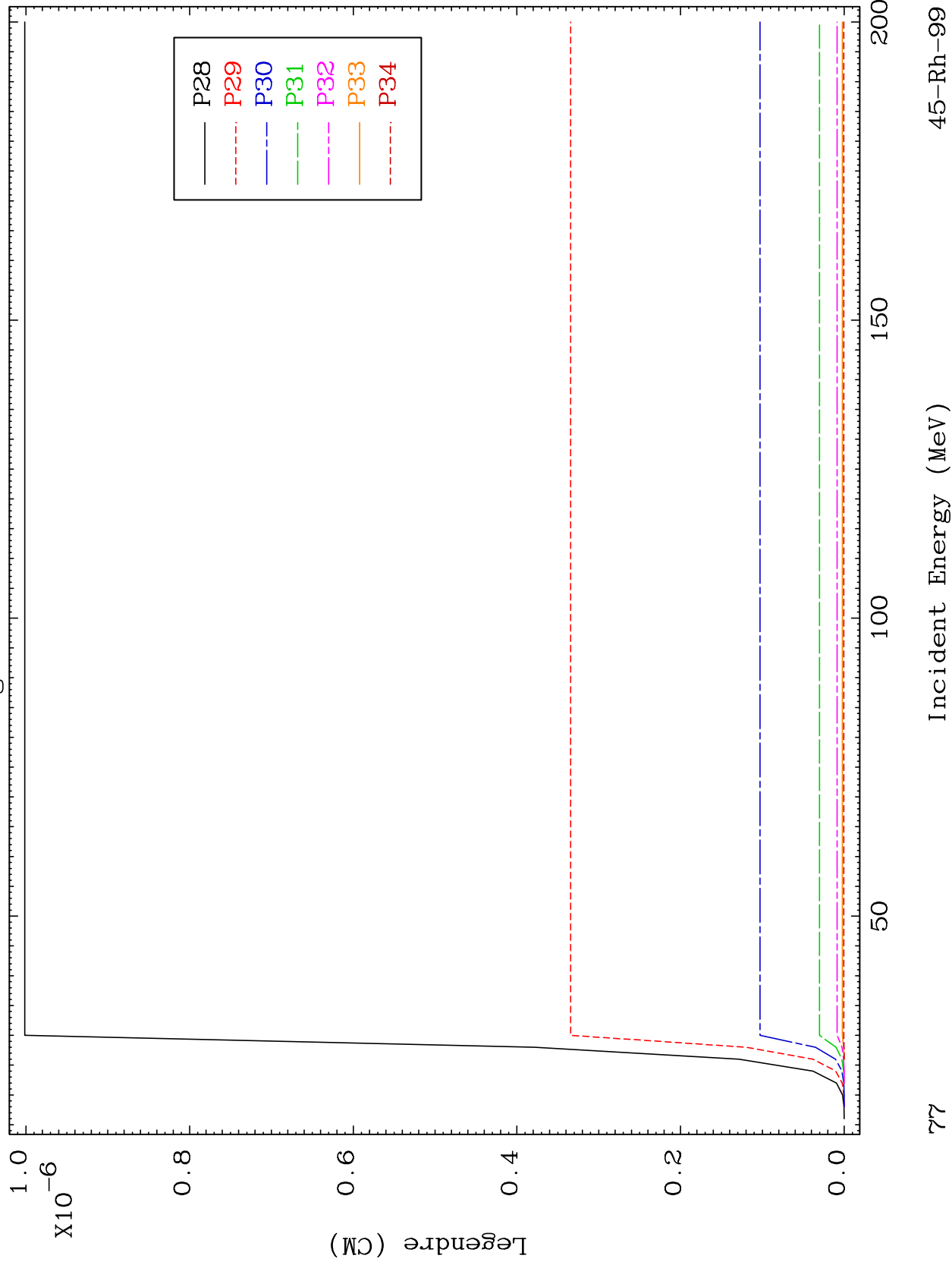
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99

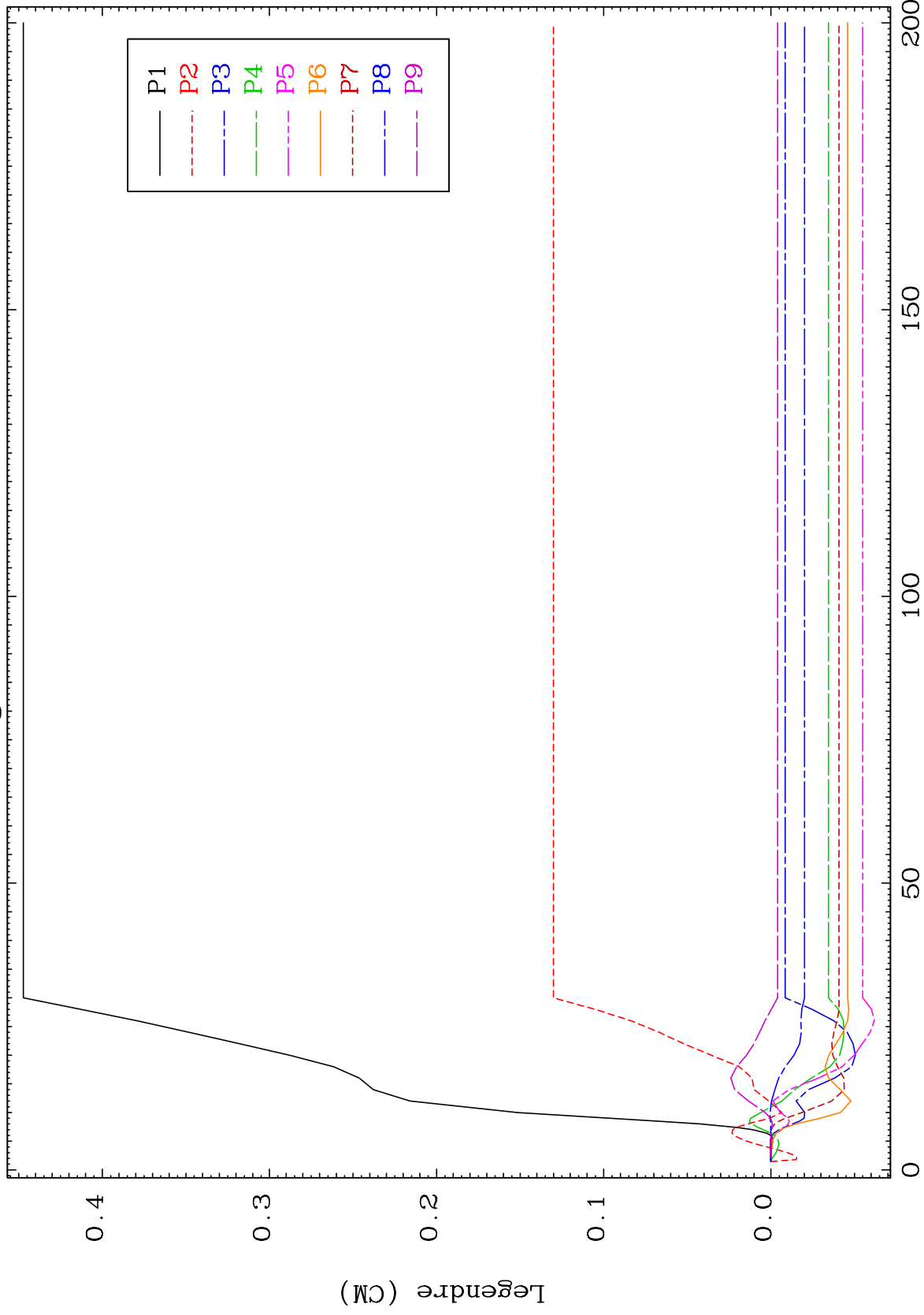


77

MAT 4513

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

45-Rh-99



78

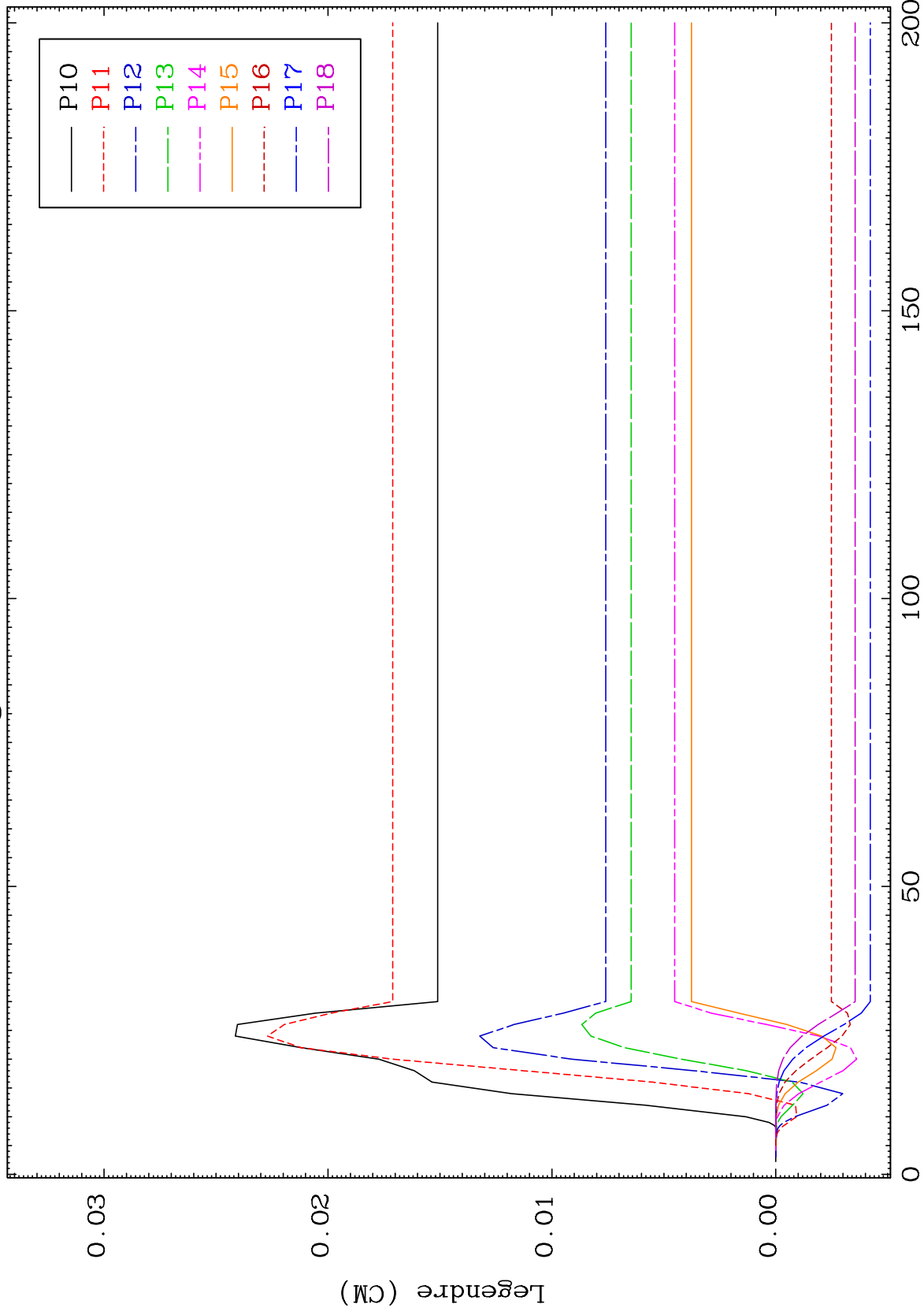
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

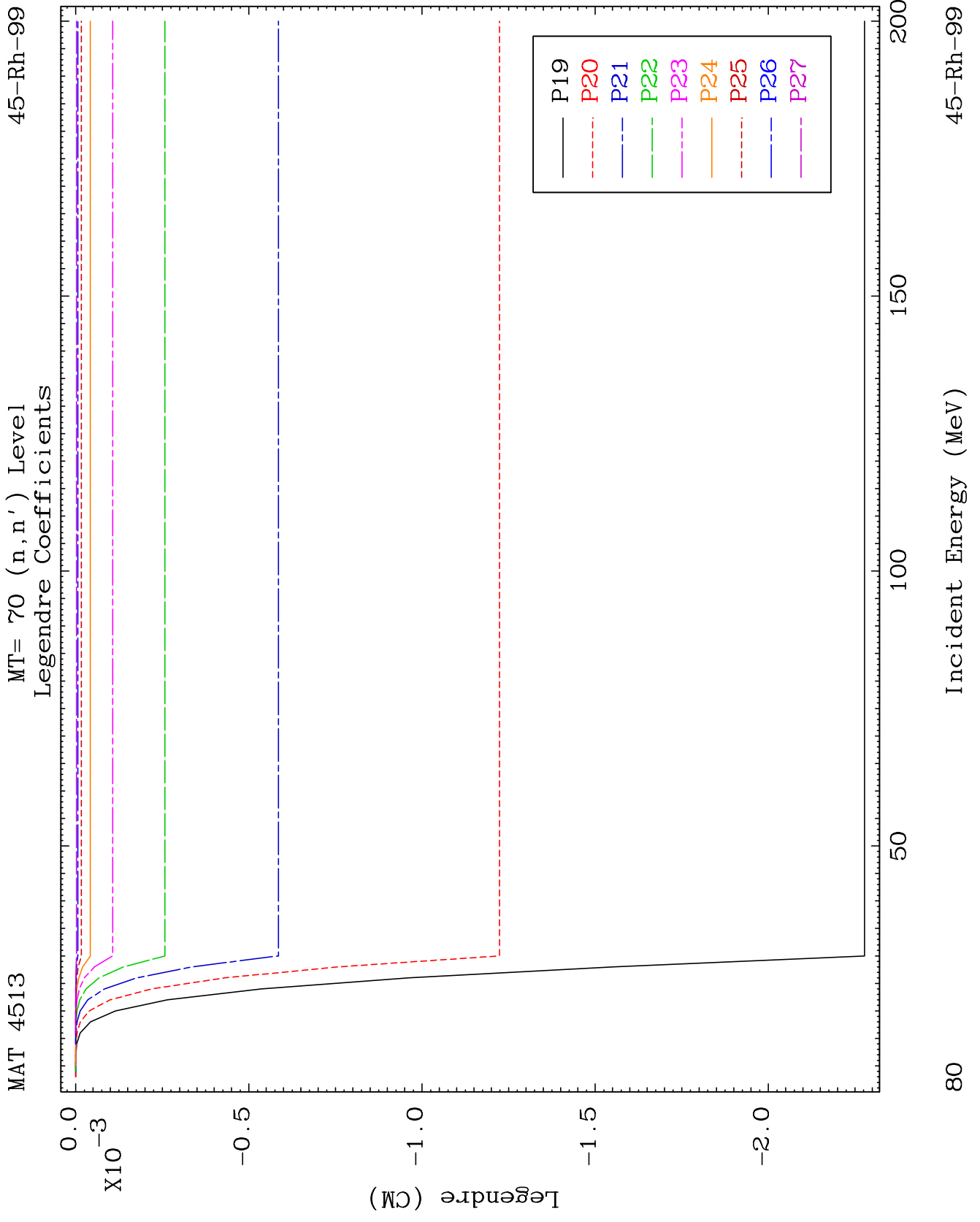
45-Rh-99



79

Incident Energy (MeV)

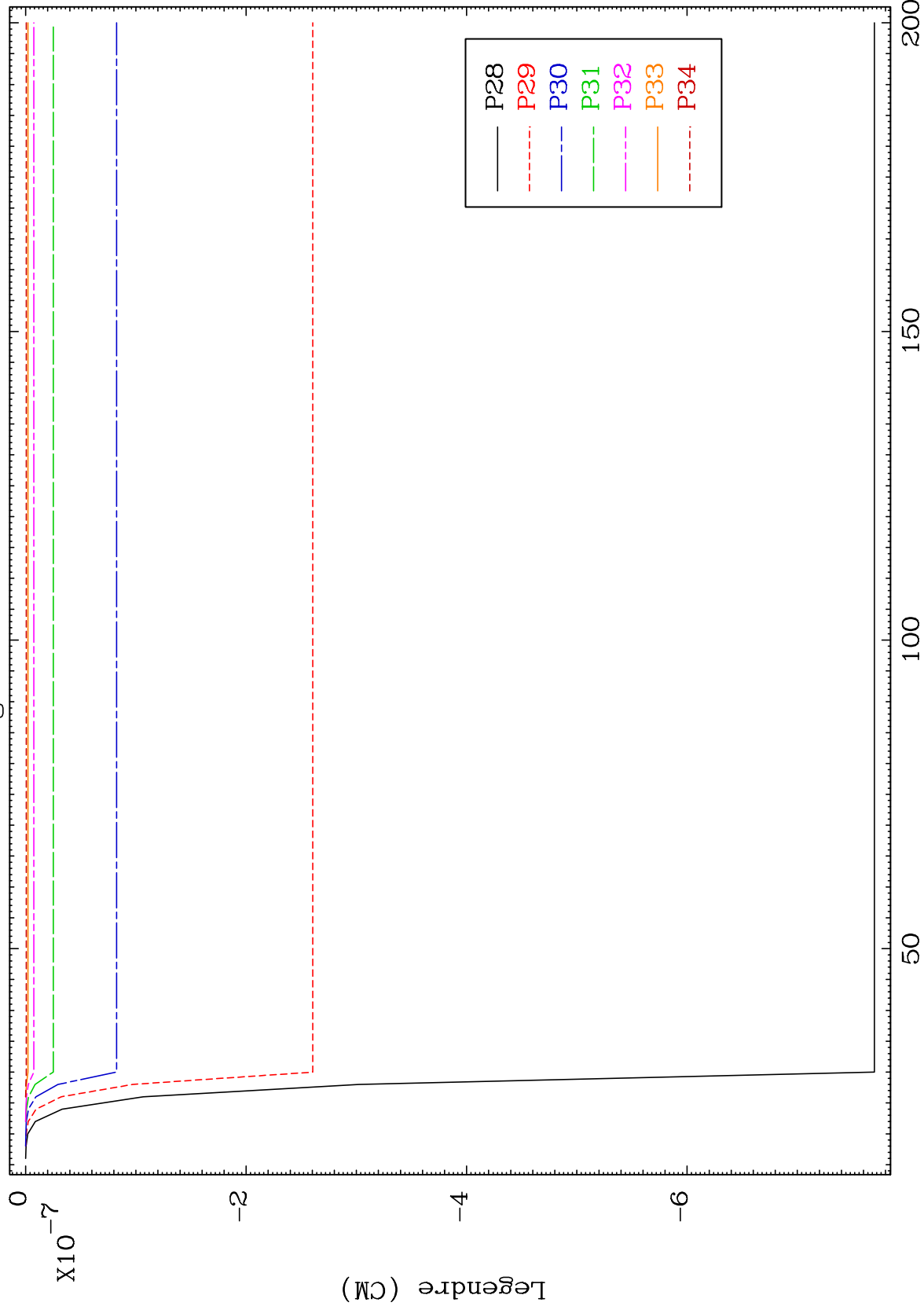
45-Rh-99



MAT 4513

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

45-Rh-99



81

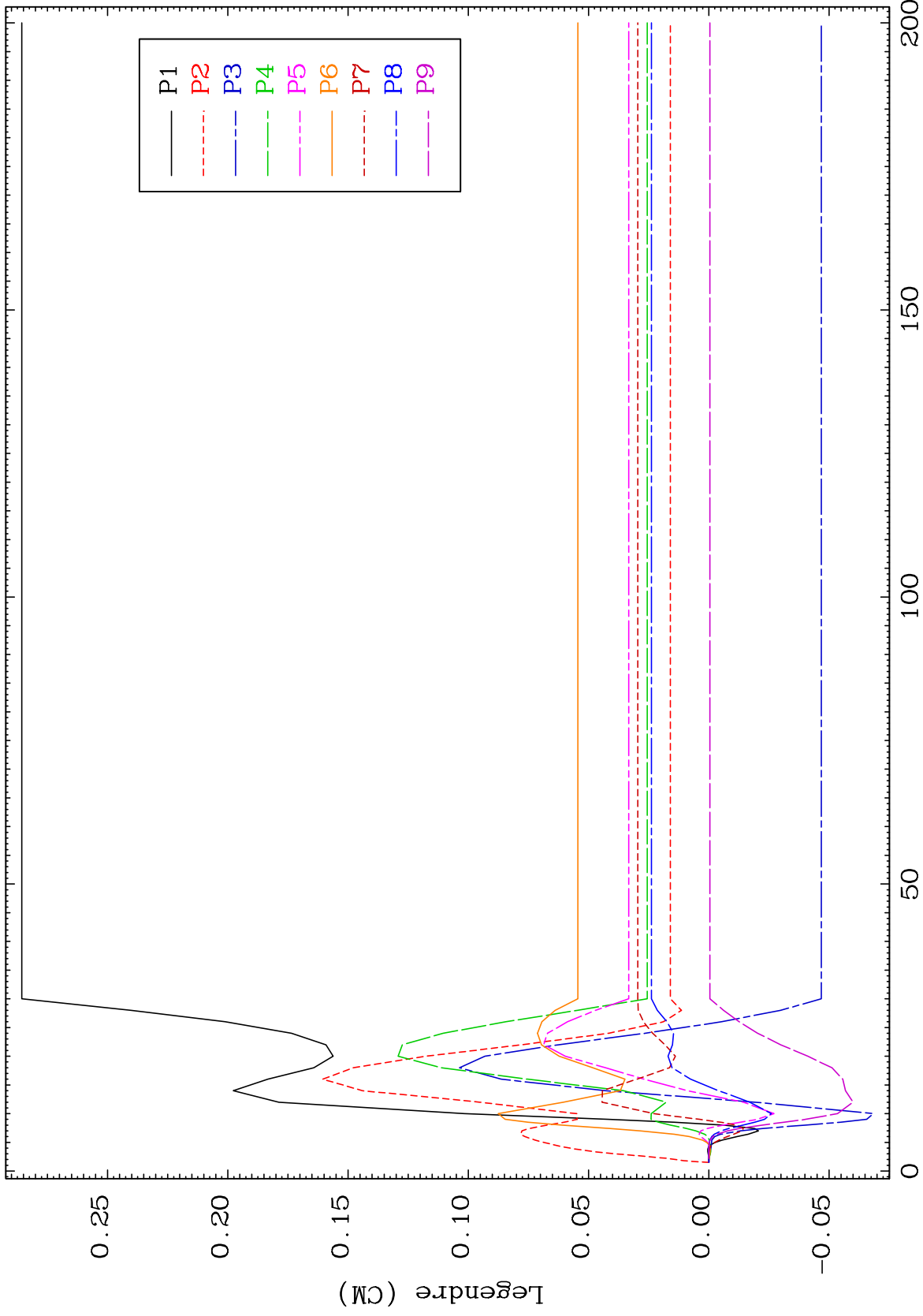
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99



82

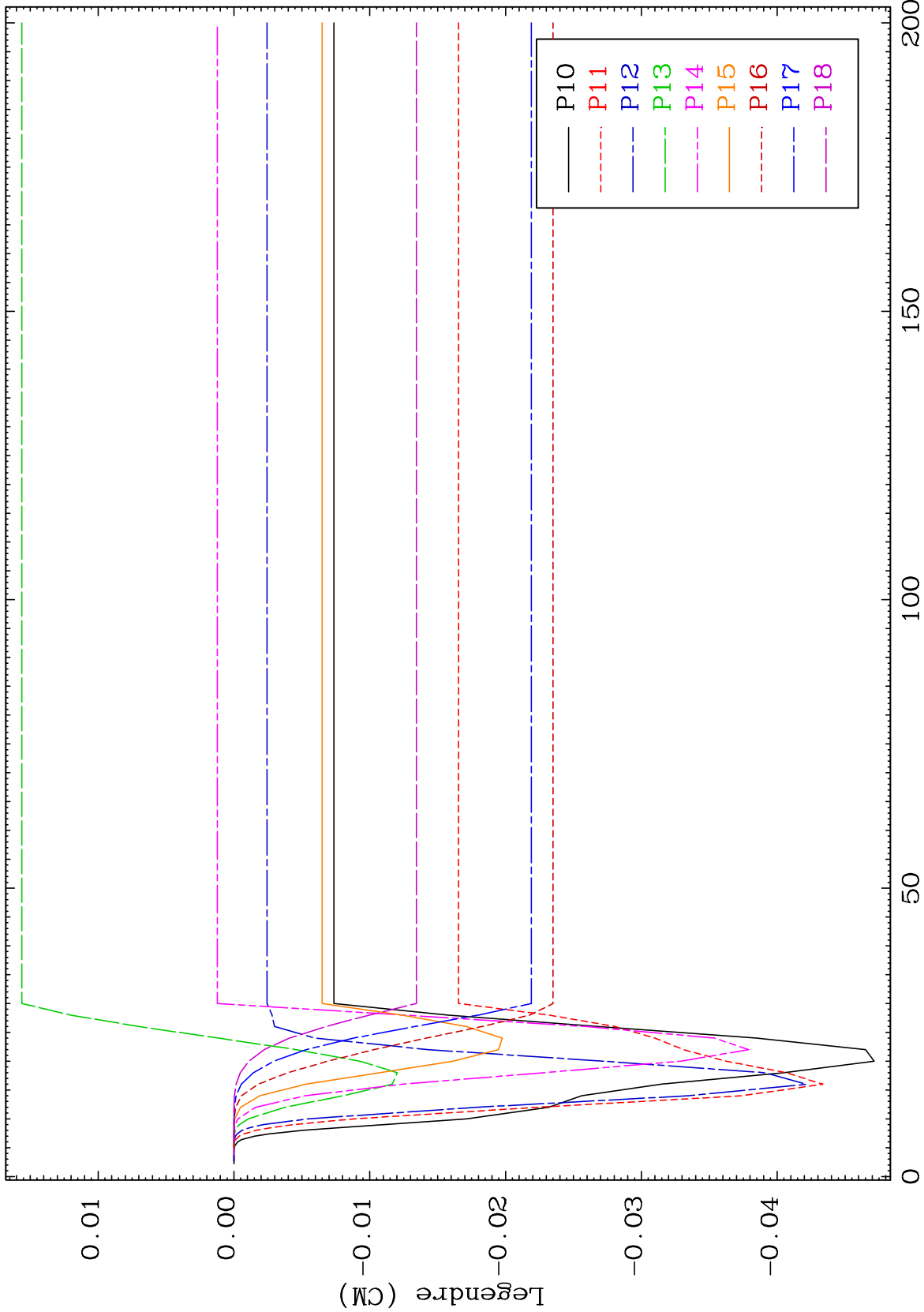
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

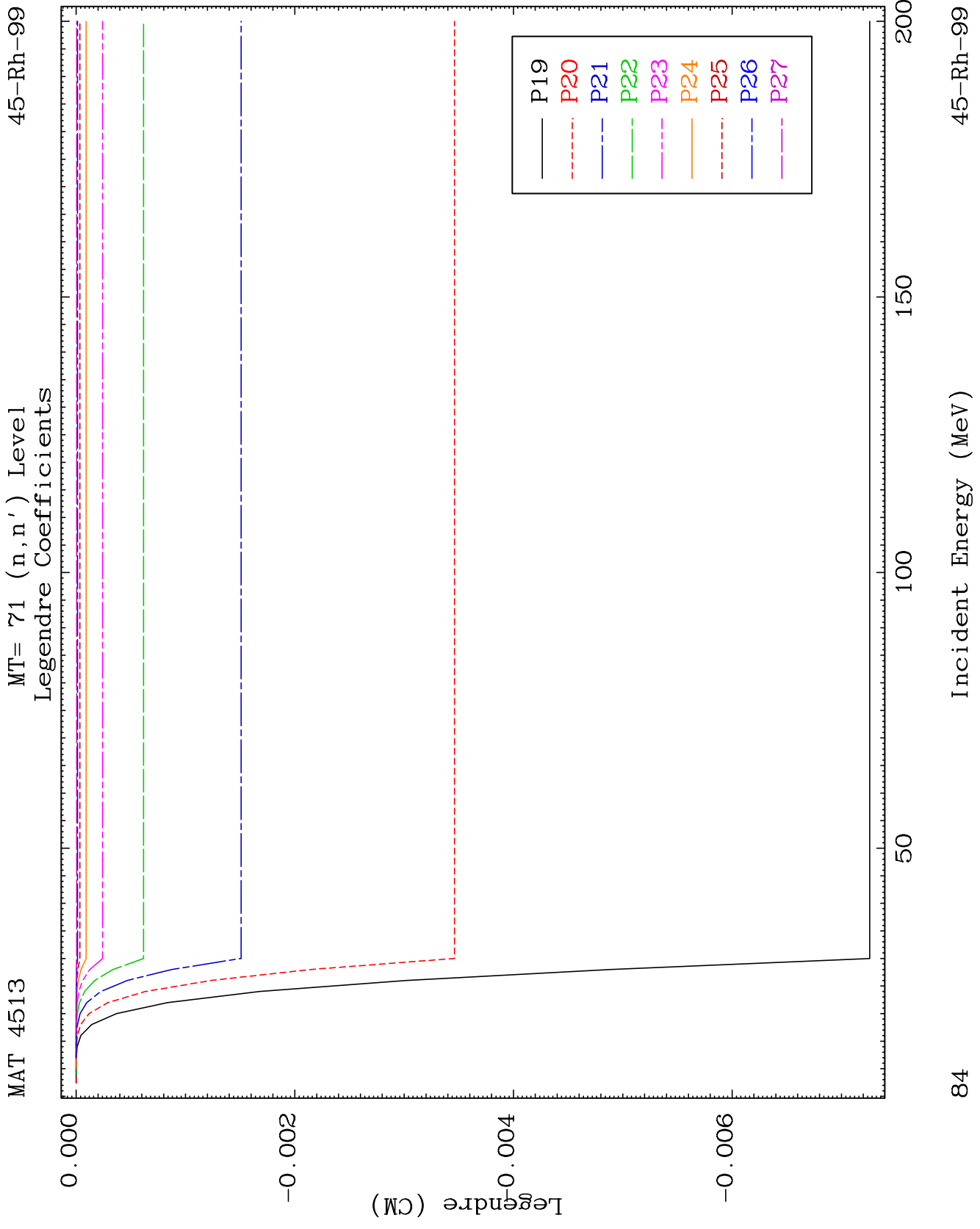
45-Rh-99



83

Incident Energy (MeV)

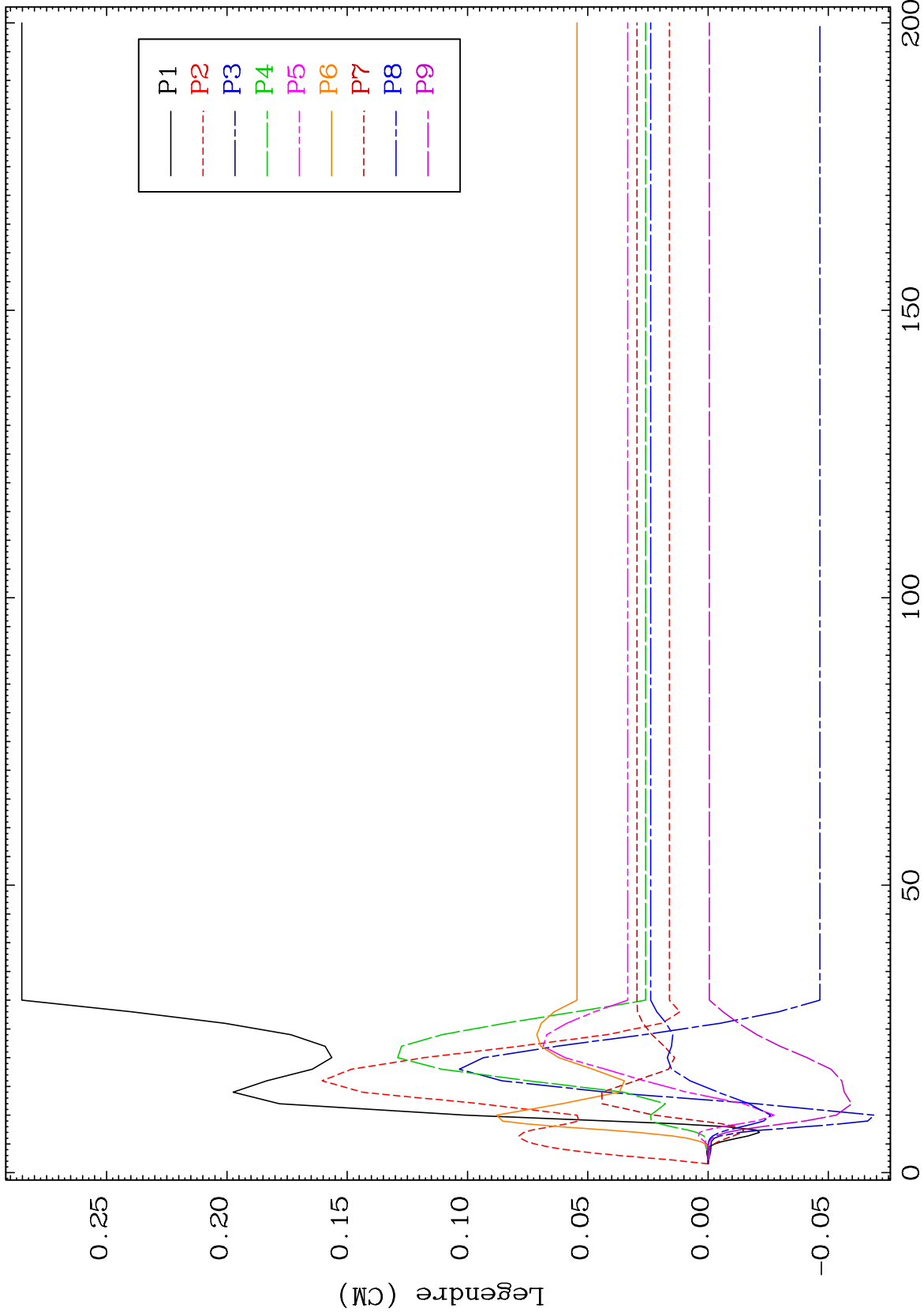
45-Rh-99



MAT 4513

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

45-Rh-99



86

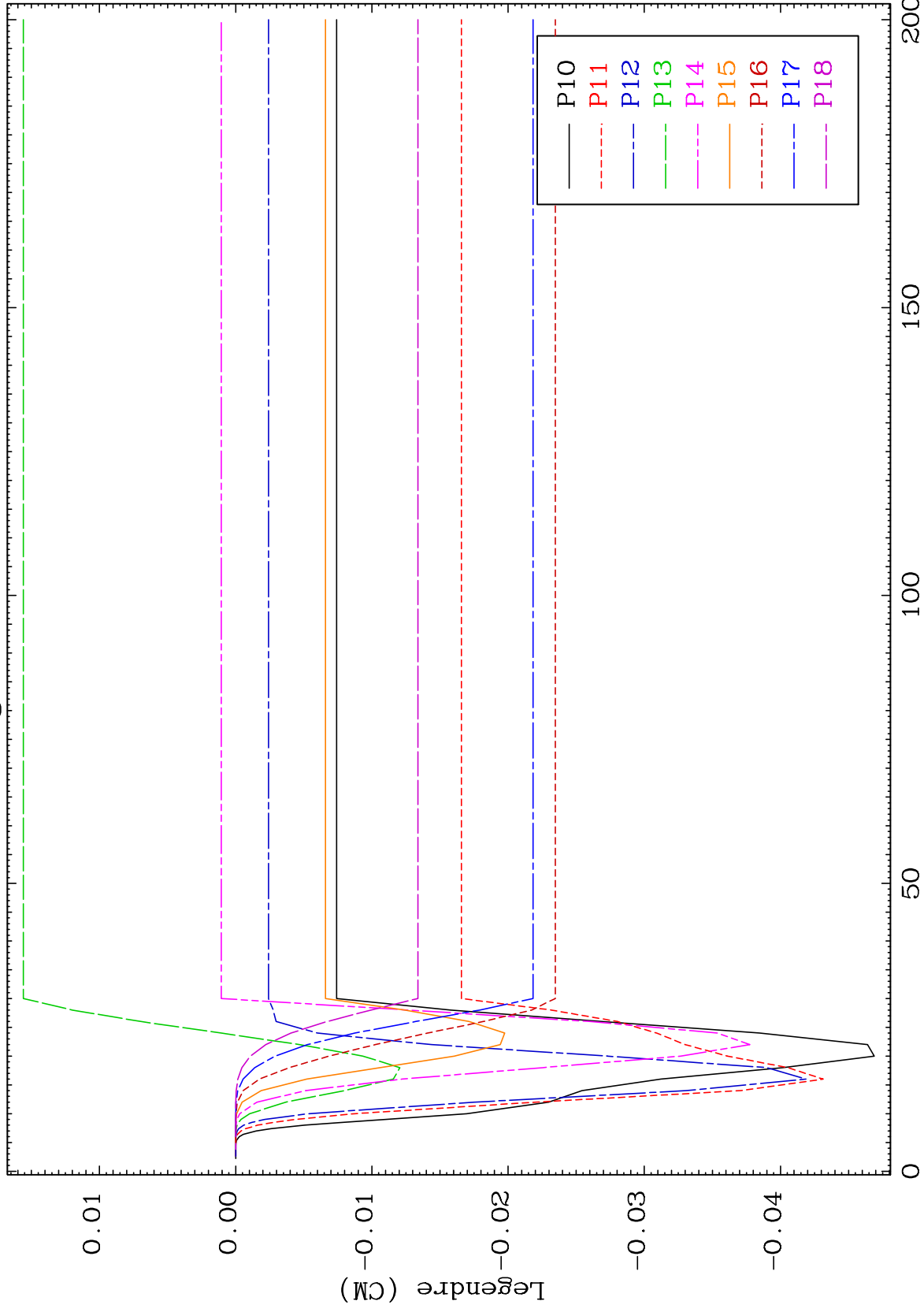
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

45-Rh-99

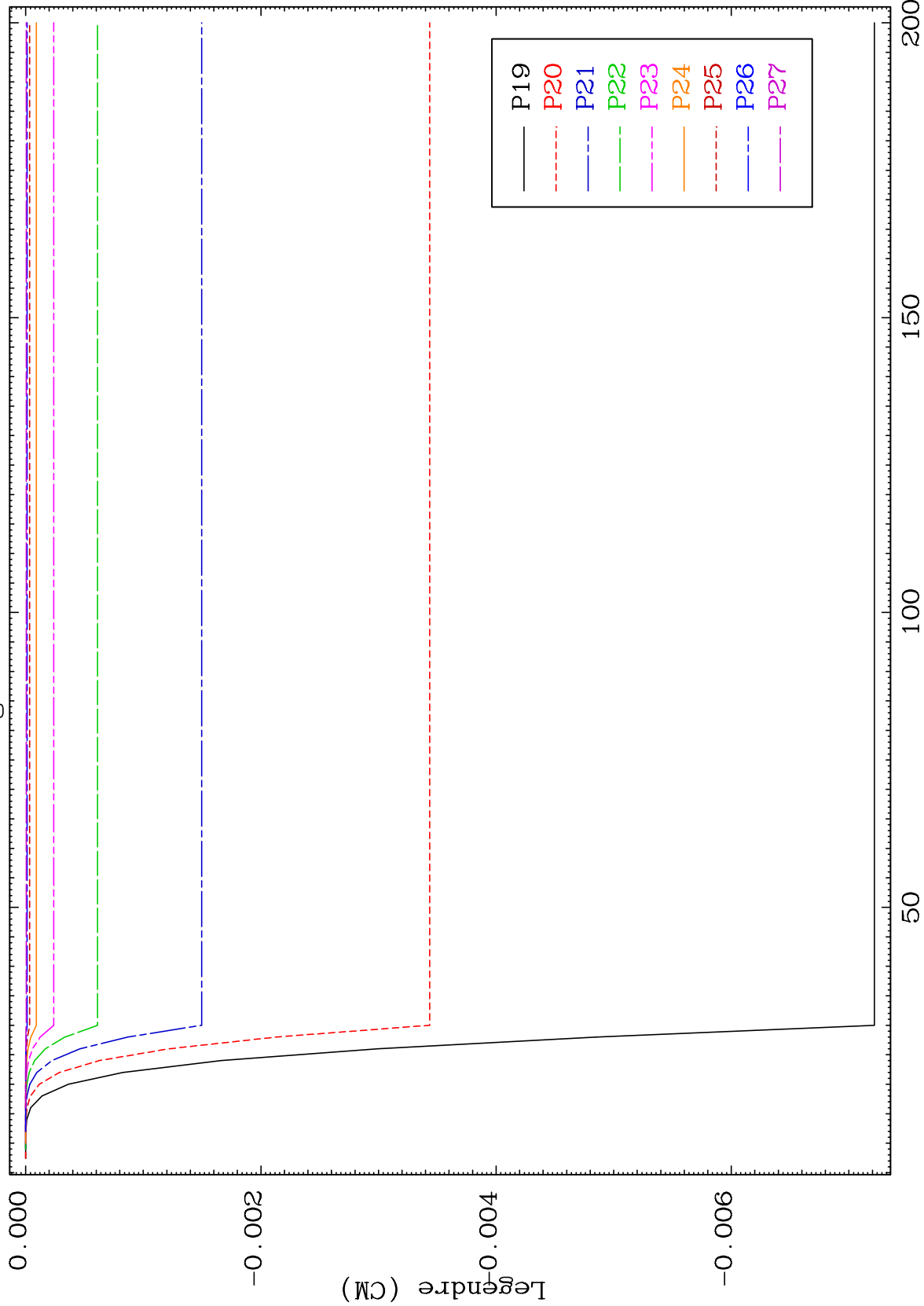


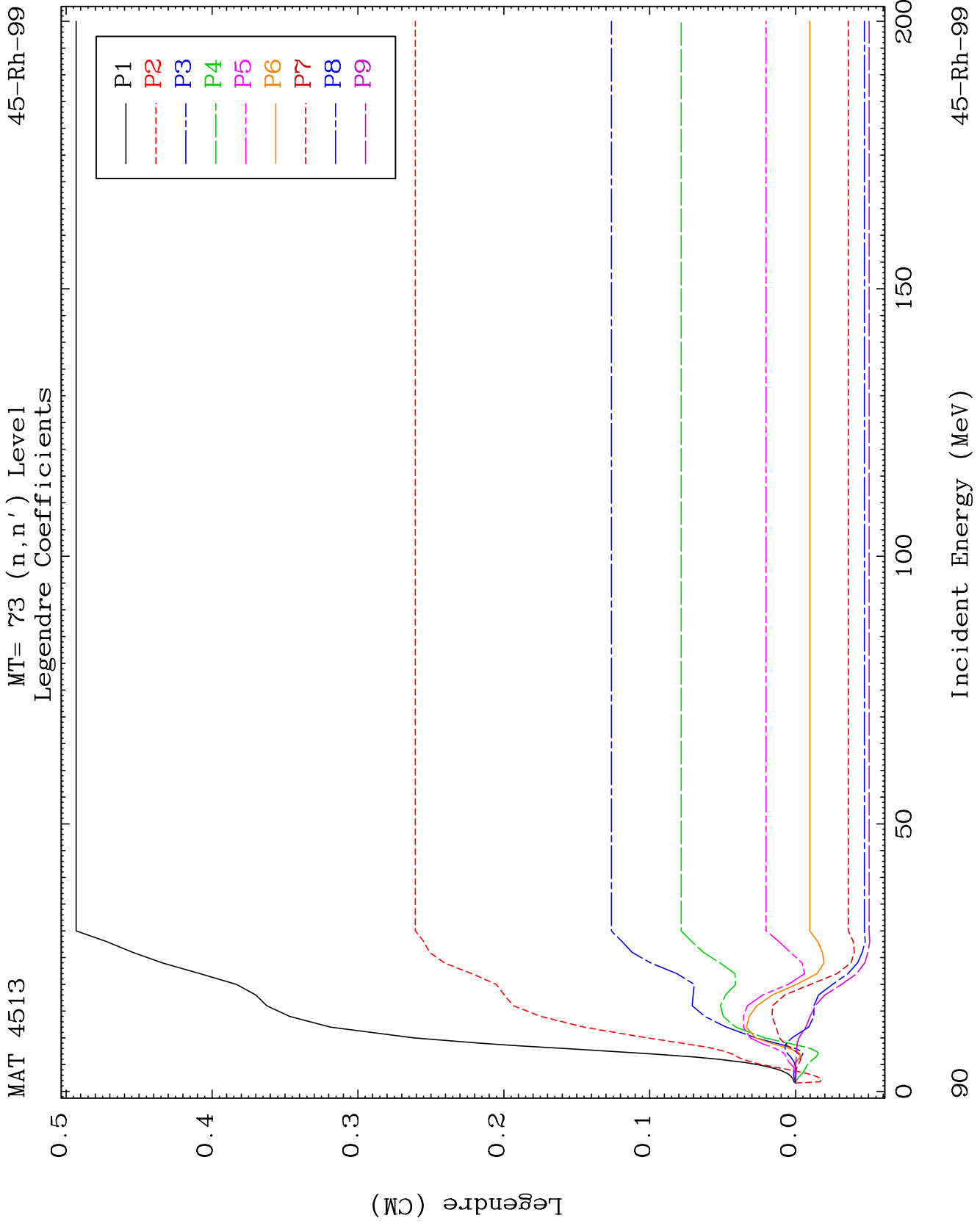
87

Incident Energy (MeV)

45-Rh-99

Legendre Coefficients

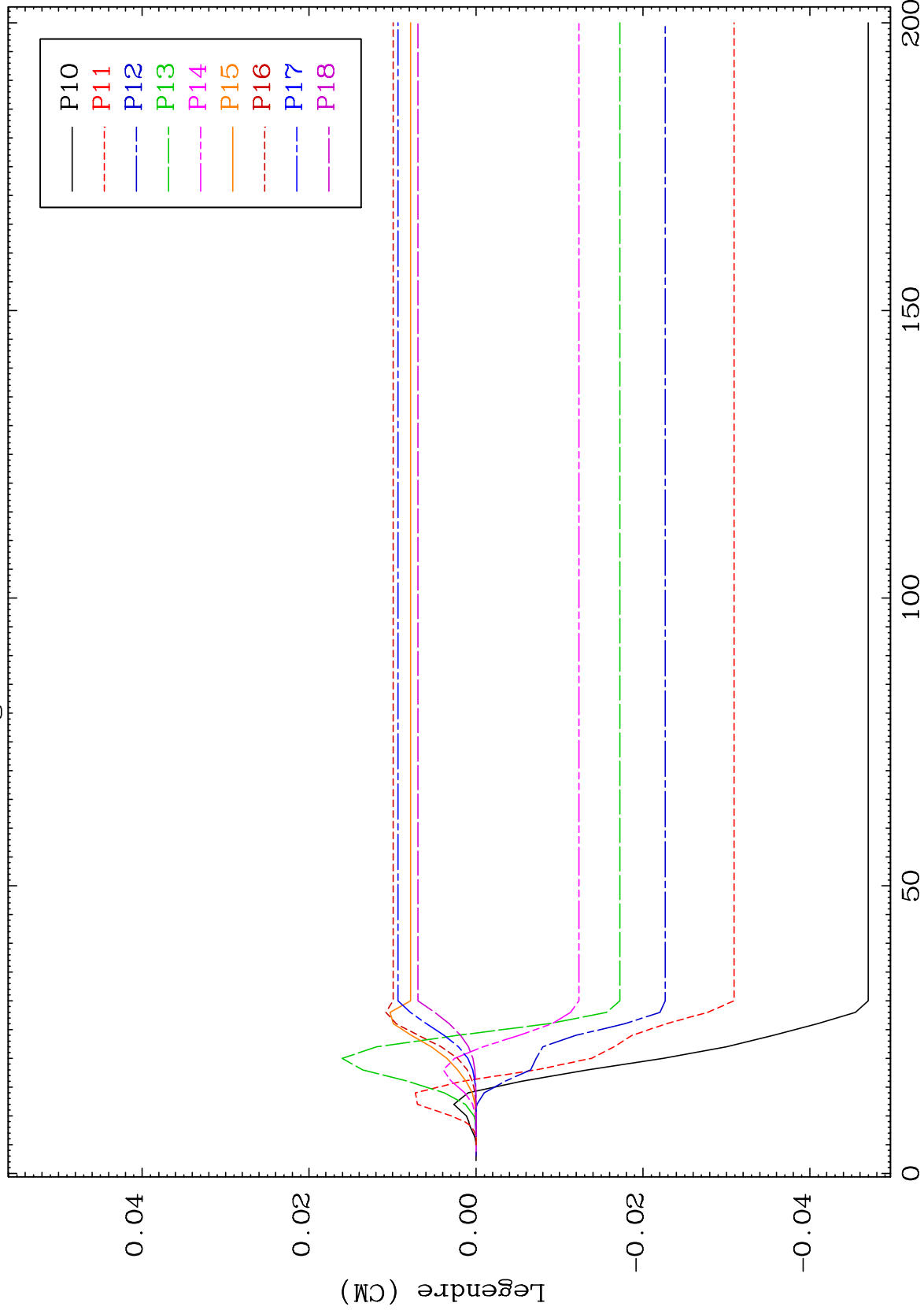




MAT 4513

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

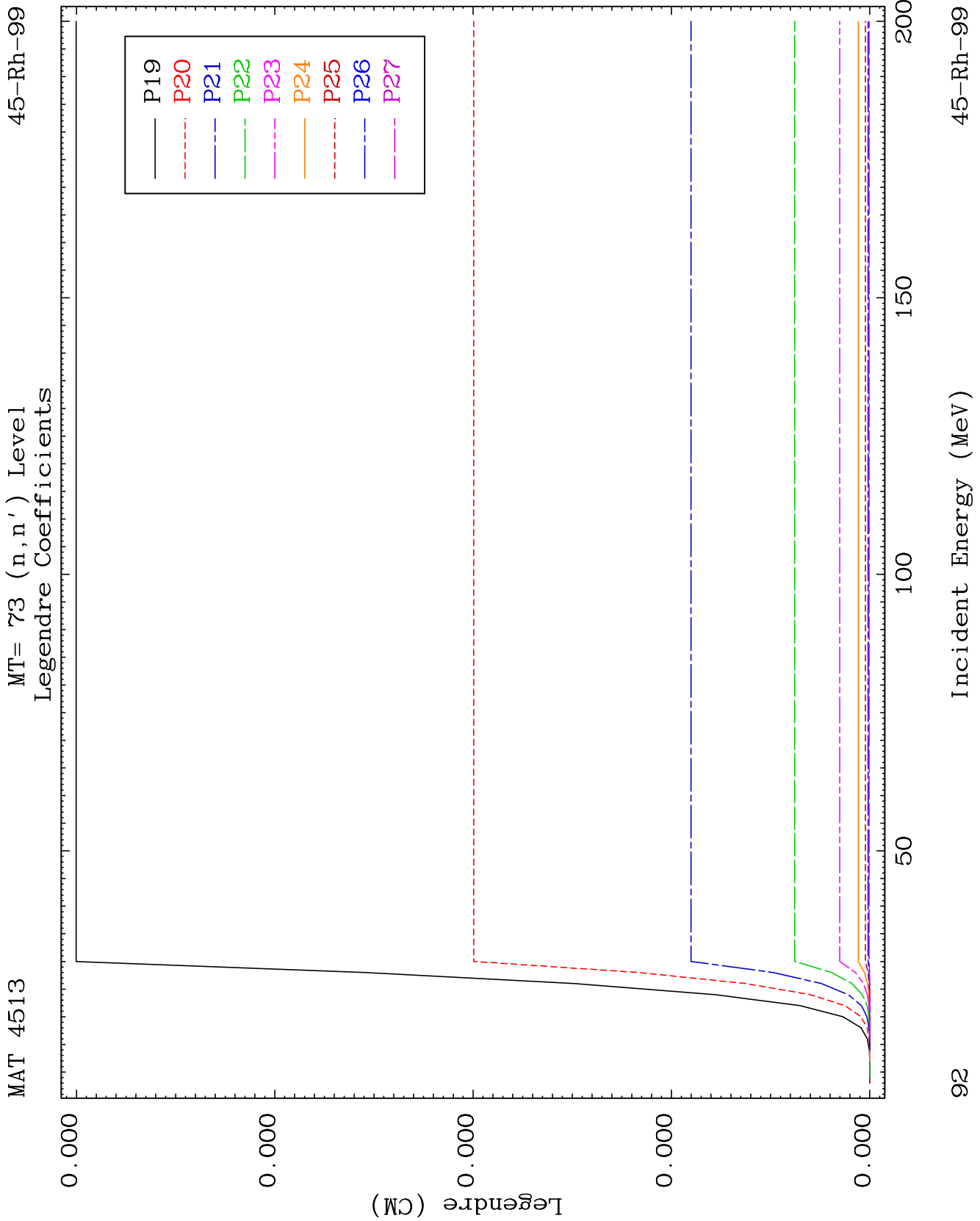
45-Rh-99



91

Incident Energy (MeV)

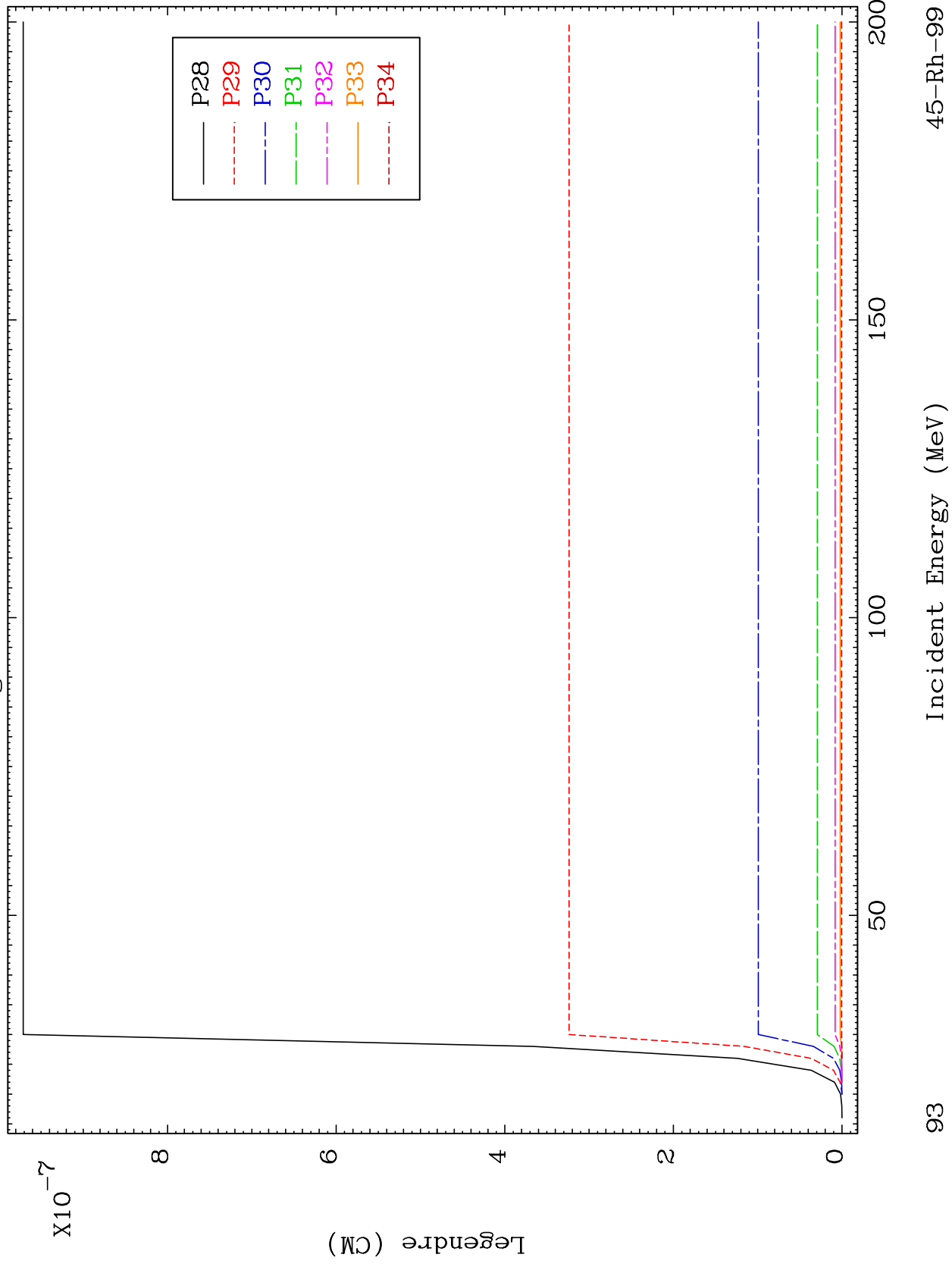
45-Rh-99



MAT 4513

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

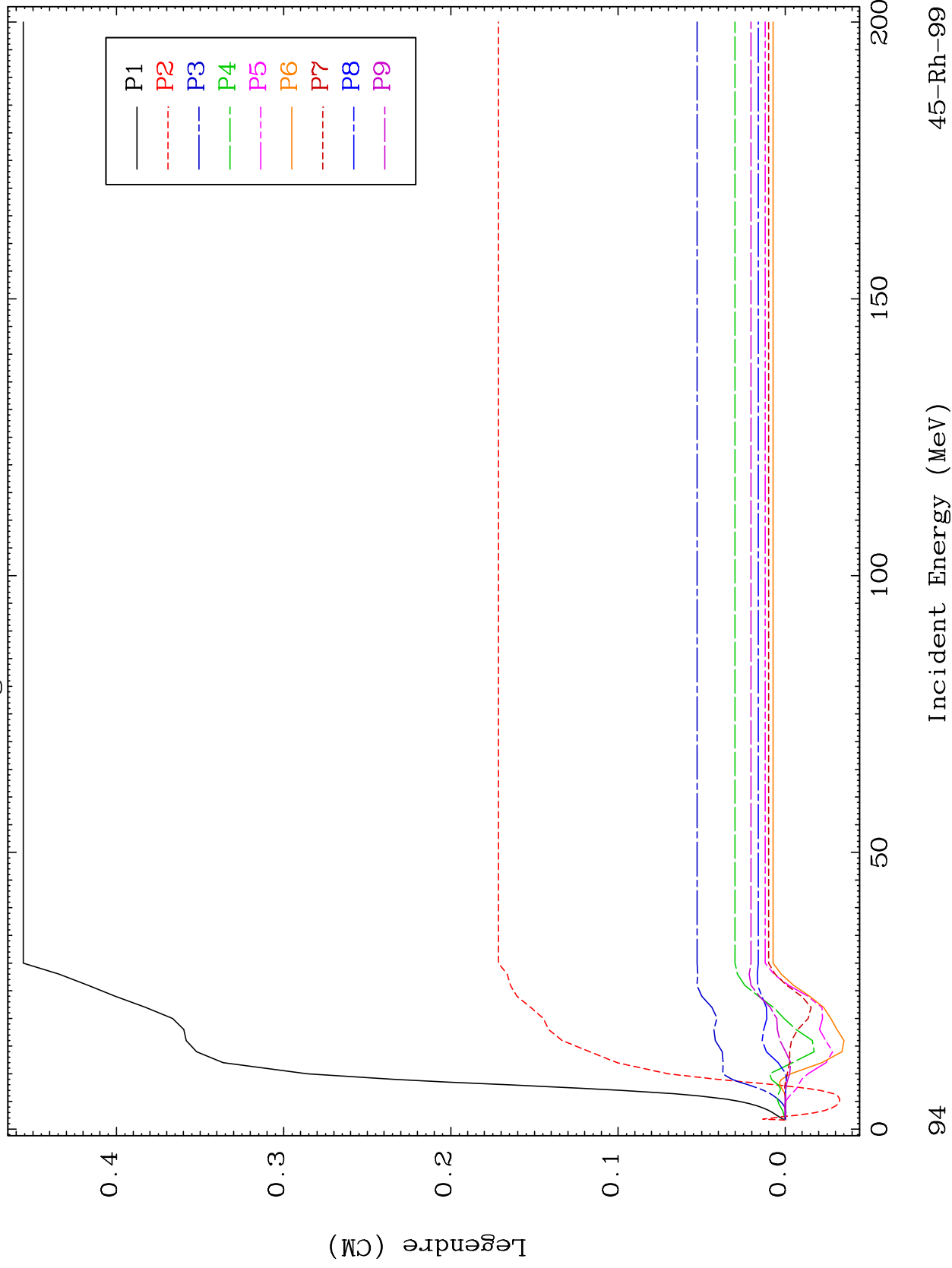
45-Rh-99



MAT 4513

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

45-Rh-99



45-Rh-99

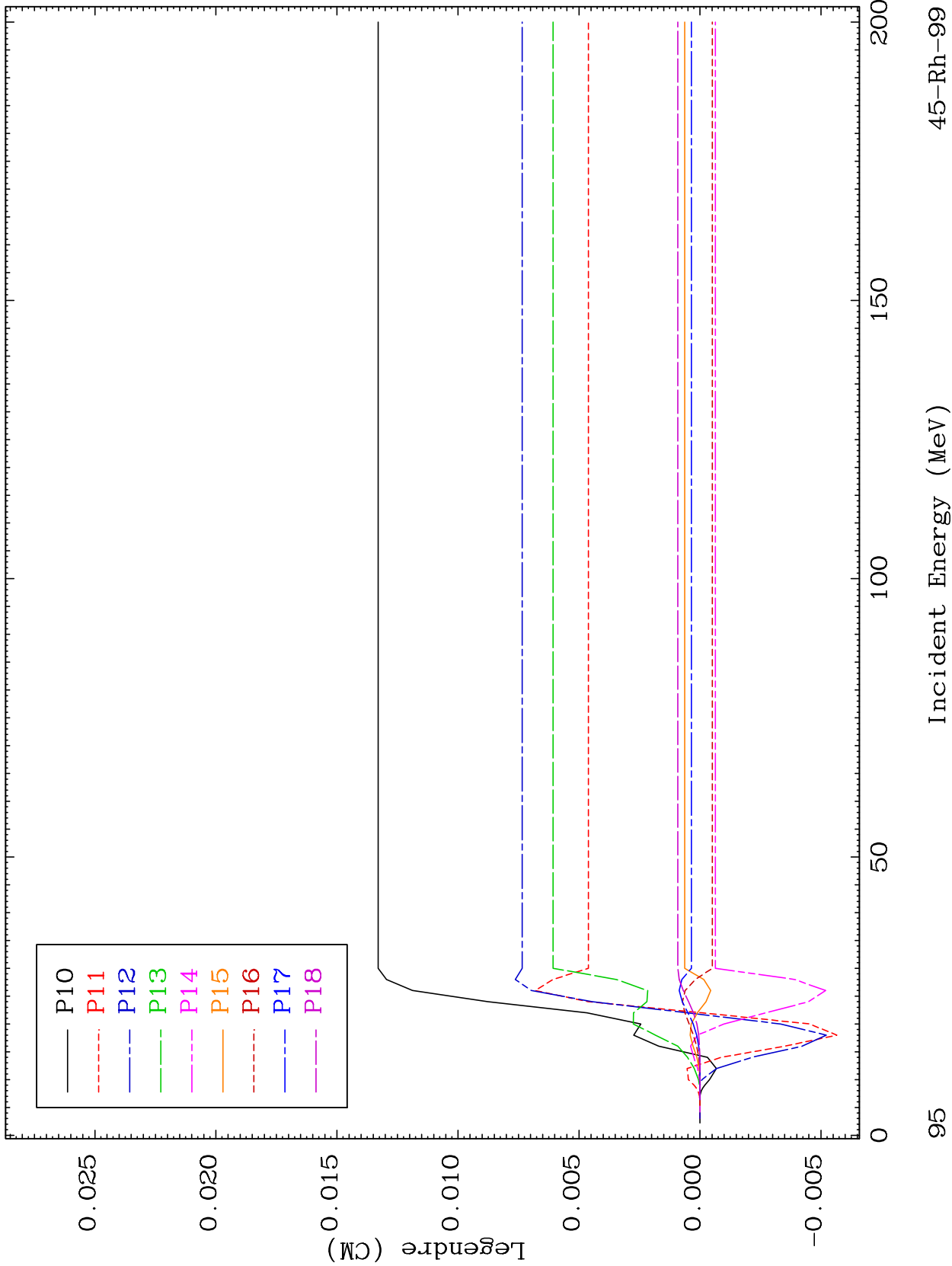
Incident Energy (MeV)

94

MAT 4513

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

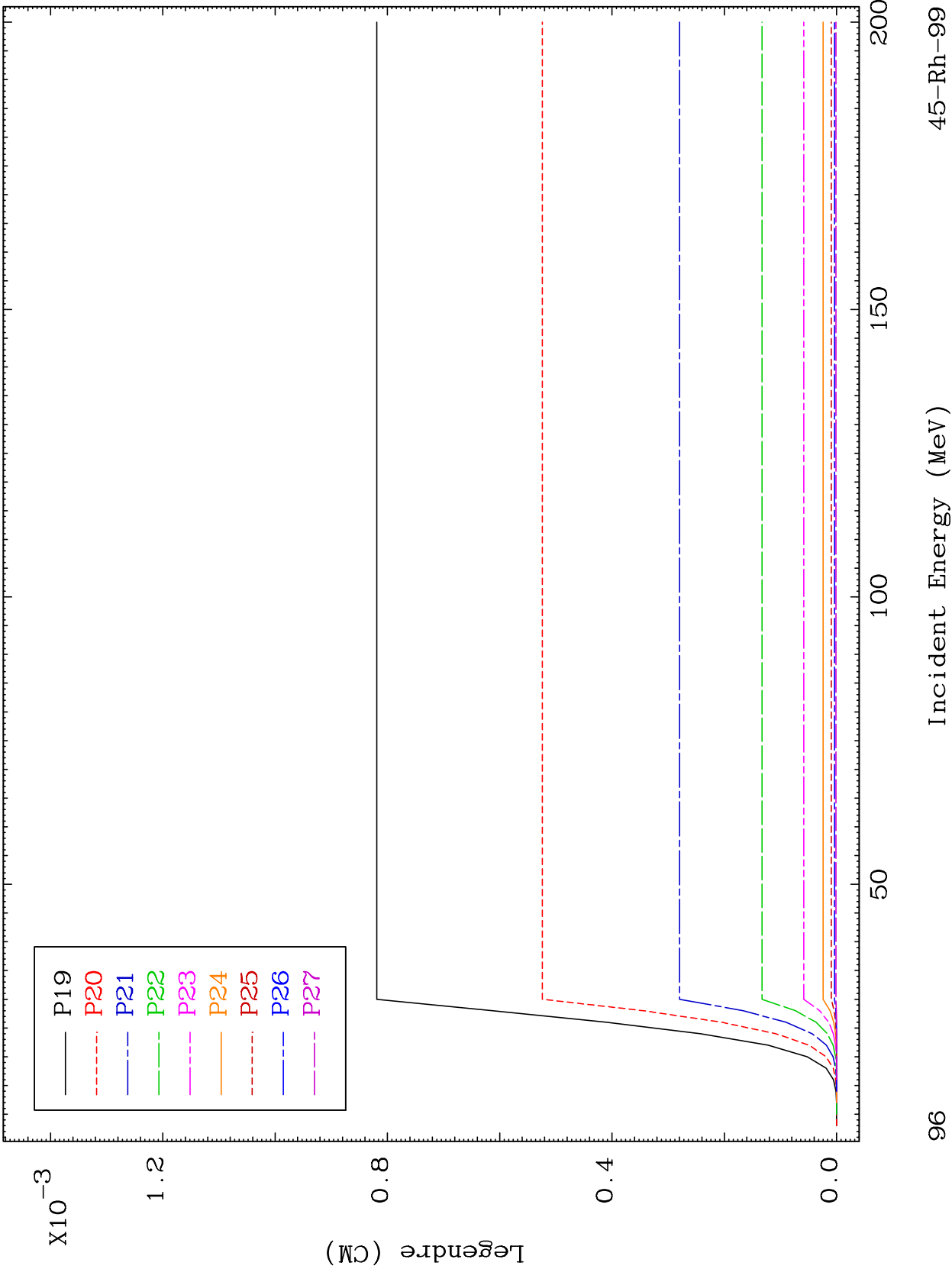
45-Rh-99



95

Incident Energy (MeV)

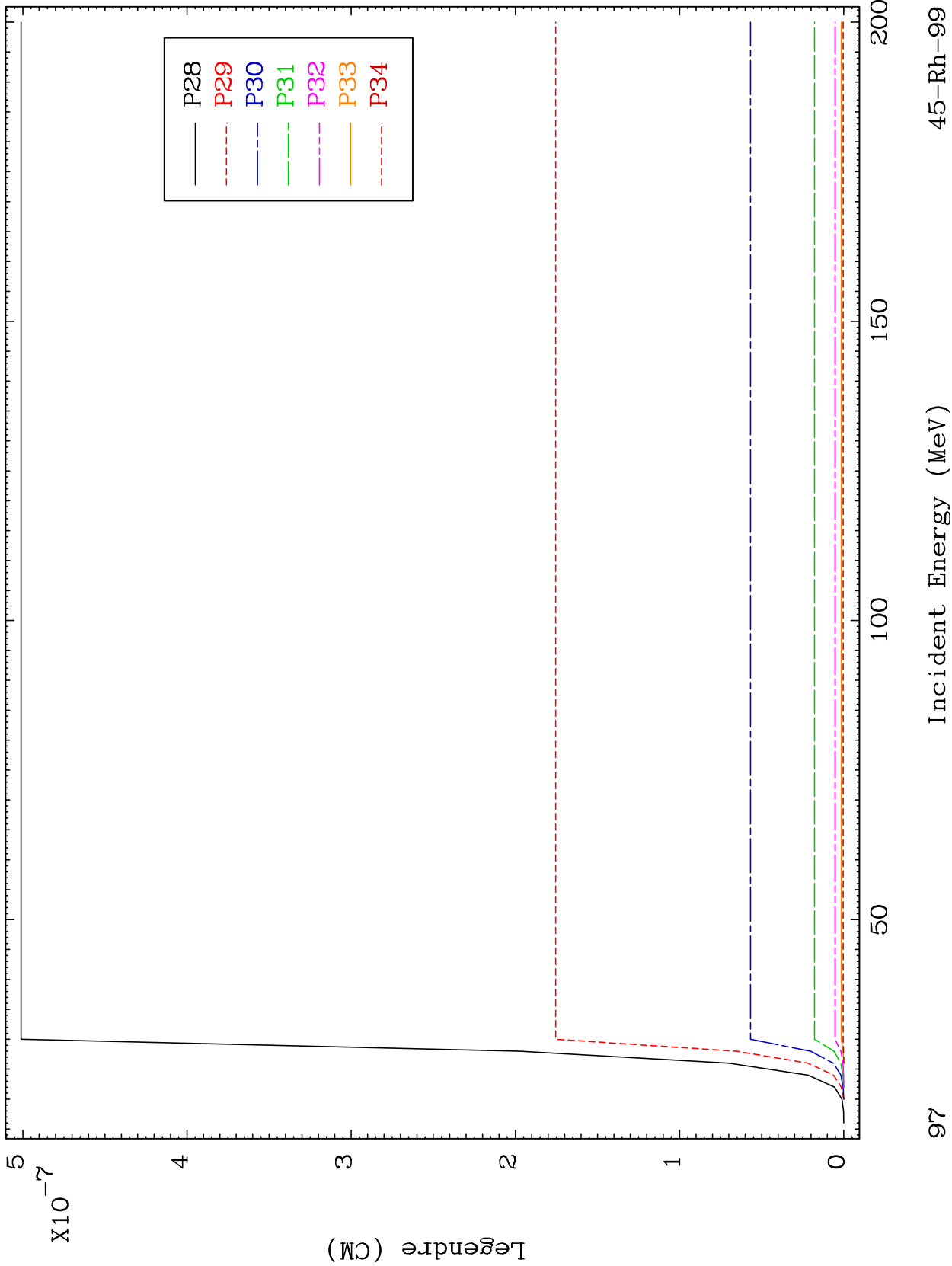
45-Rh-99



MAT 4513

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

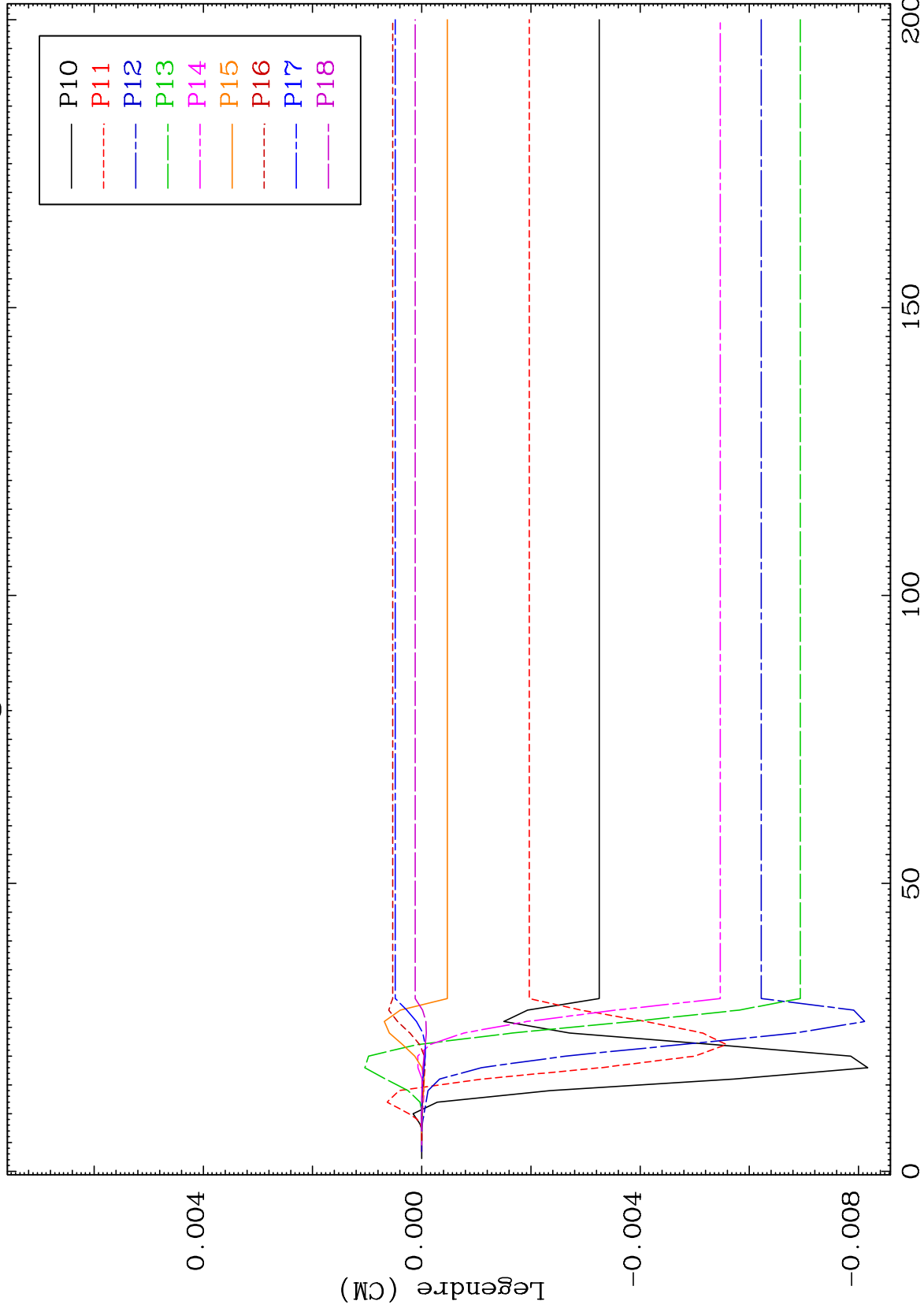
45-Rh-99



MAT 4513

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

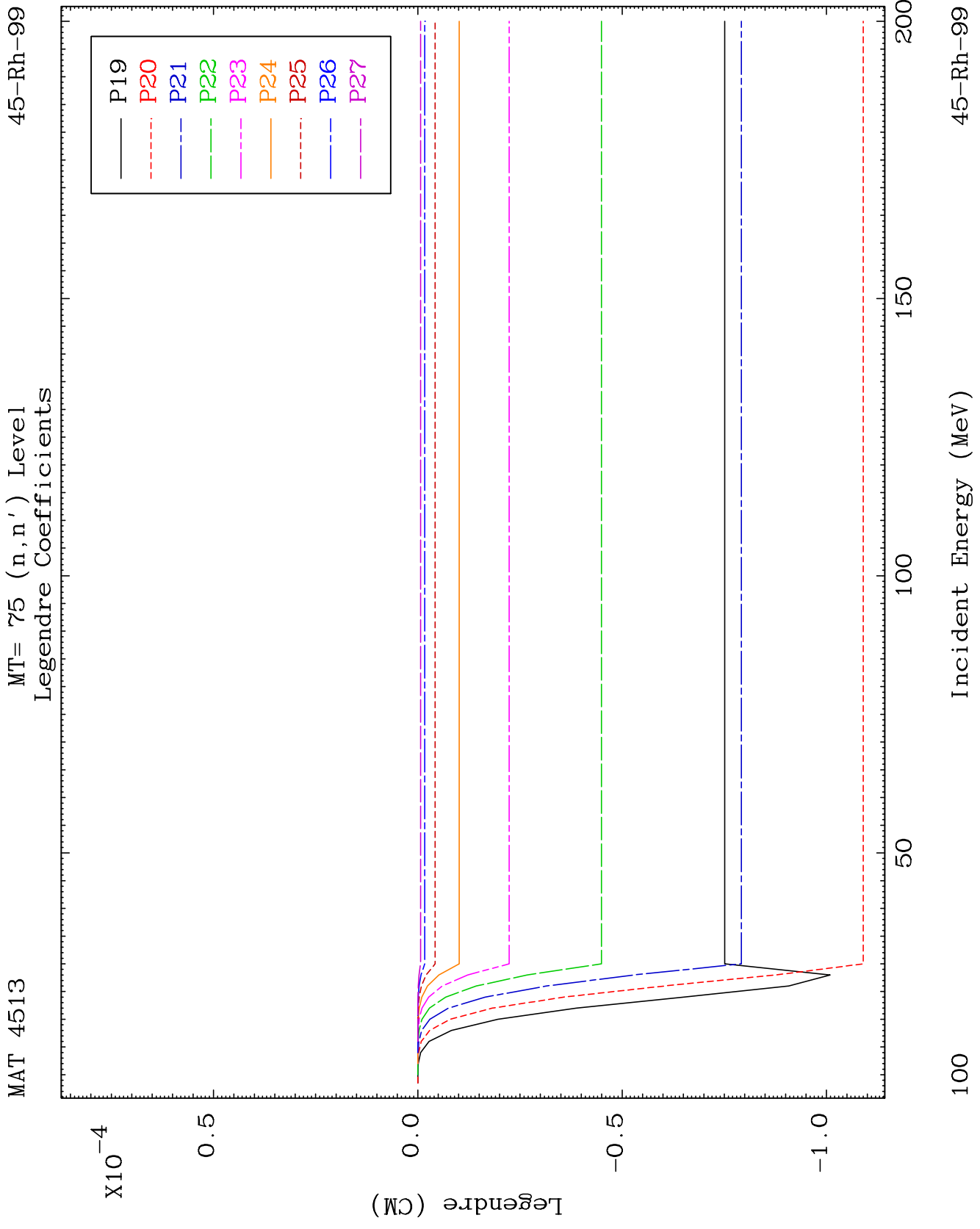
45-Rh-99



99

Incident Energy (MeV)

45-Rh-99

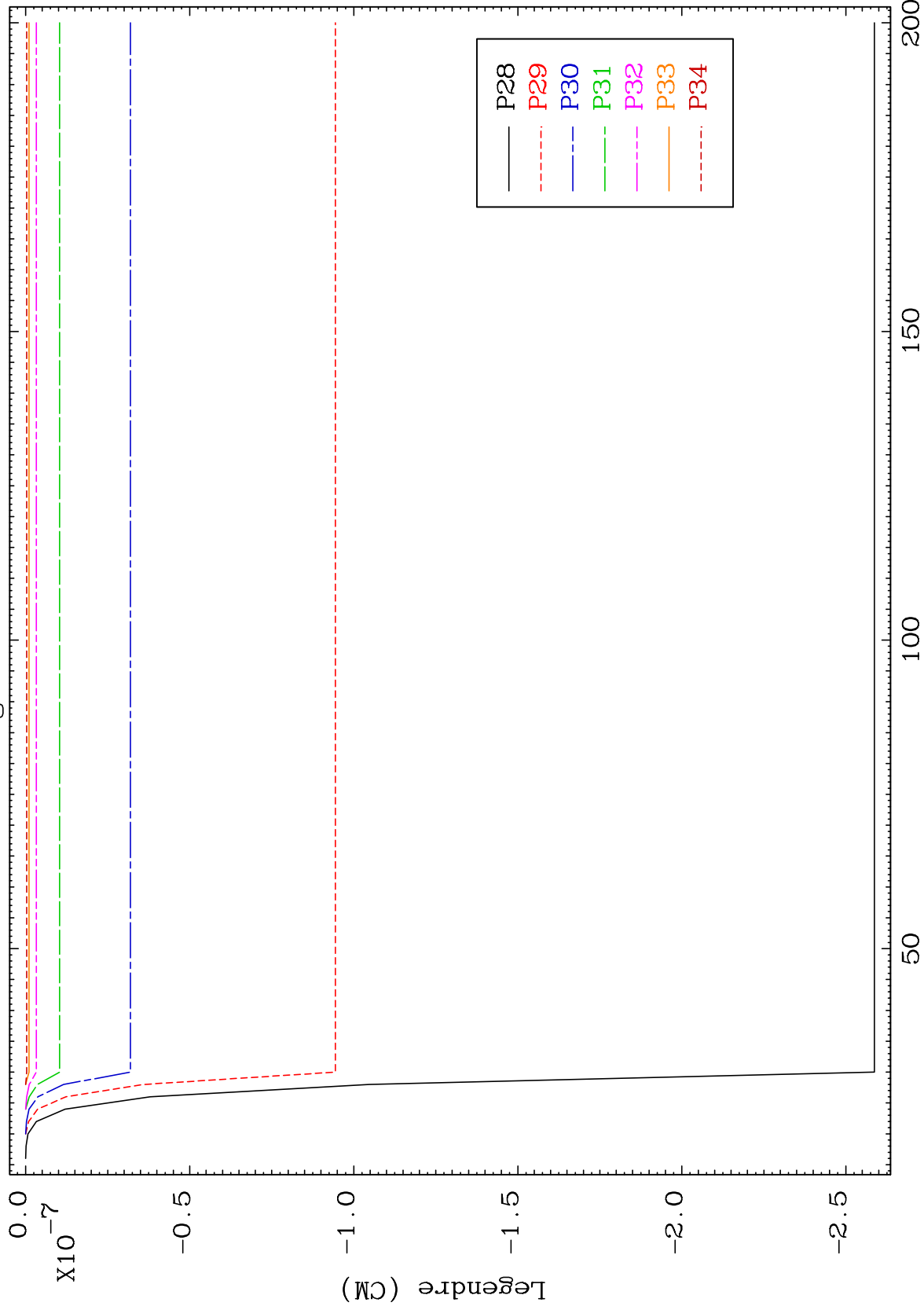


MAT 4513

MT= 75 (n,n') Level

45-Rh-99

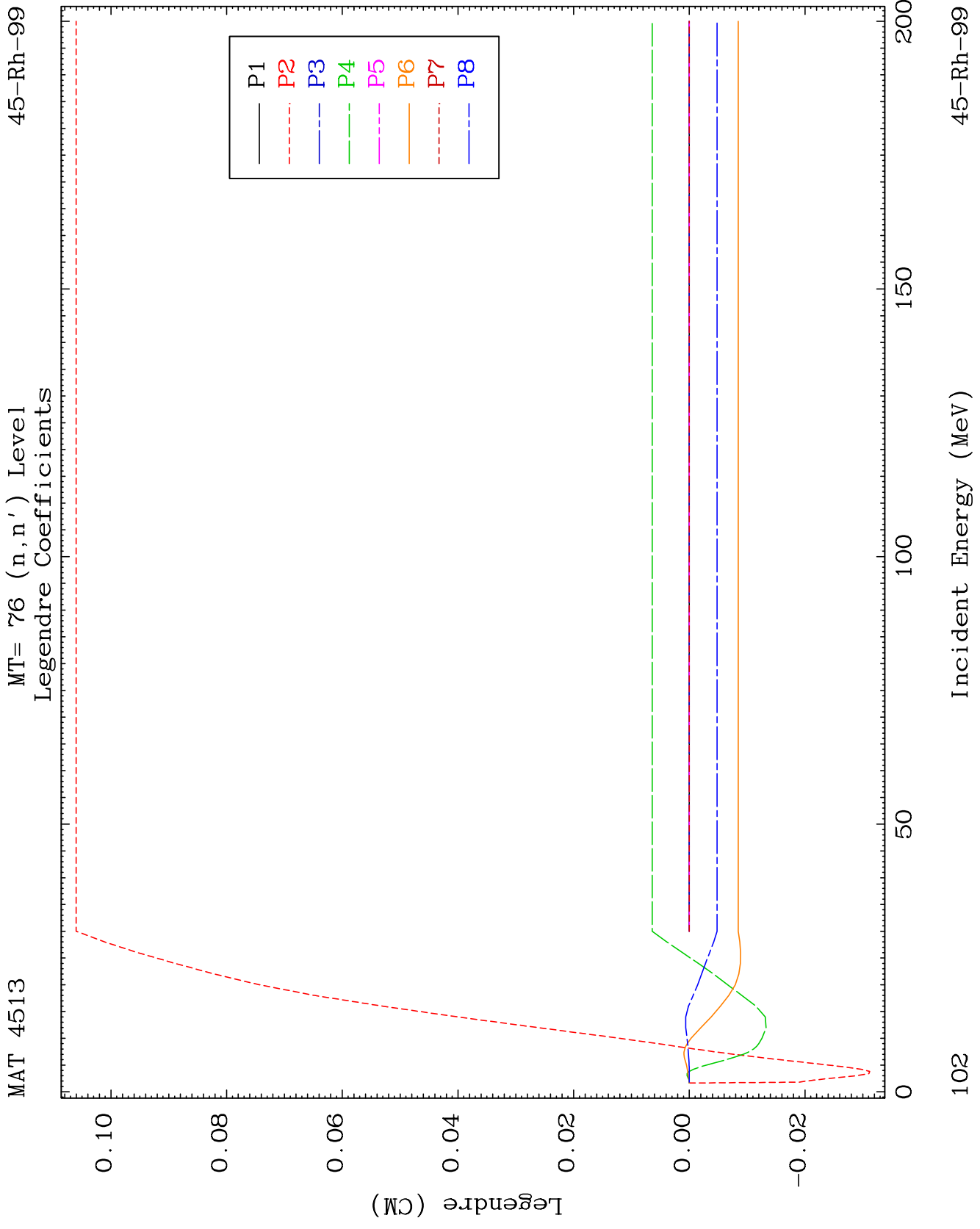
Legendre Coefficients



45-Rh-99

Incident Energy (MeV)

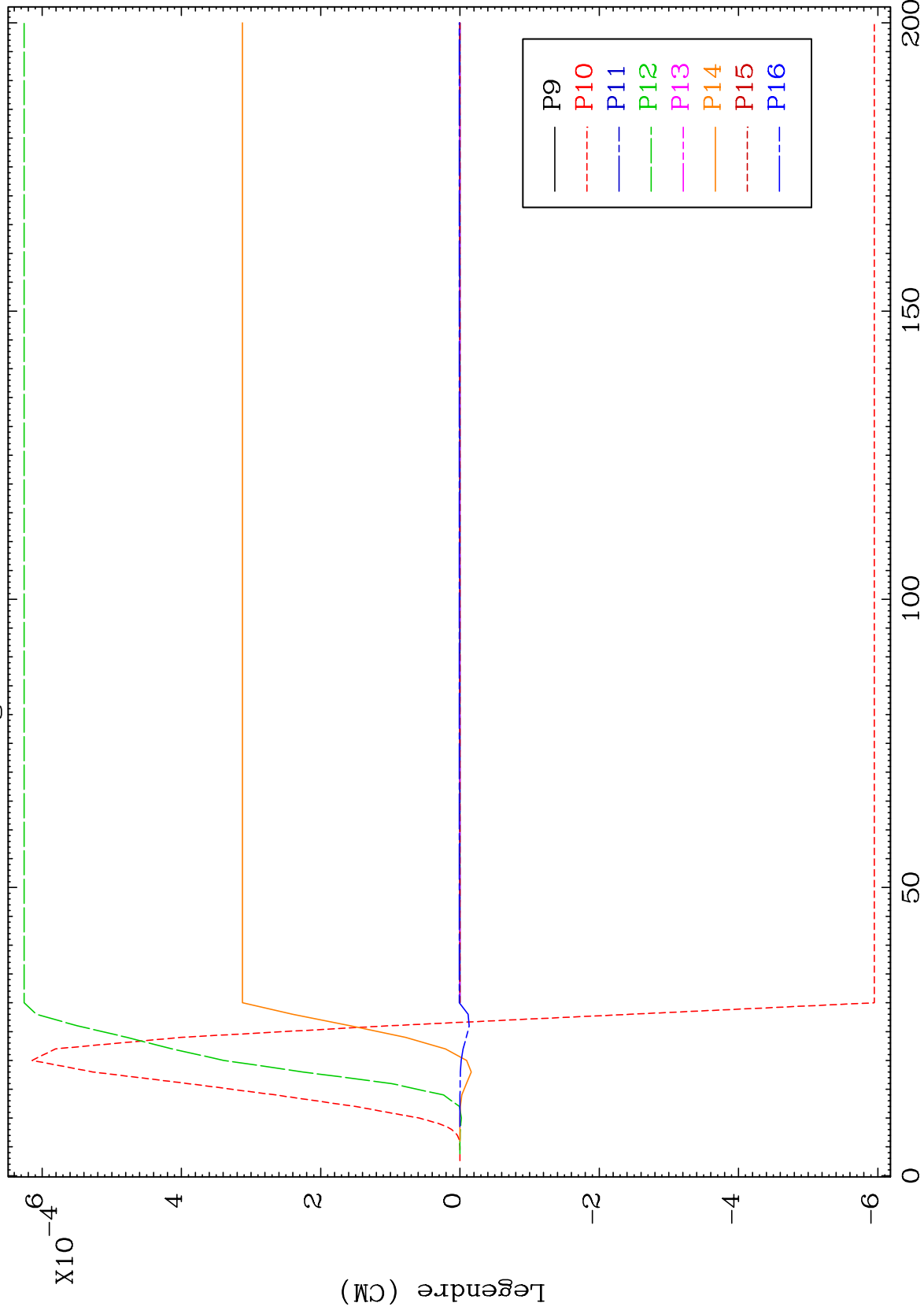
101



MAT 4513

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

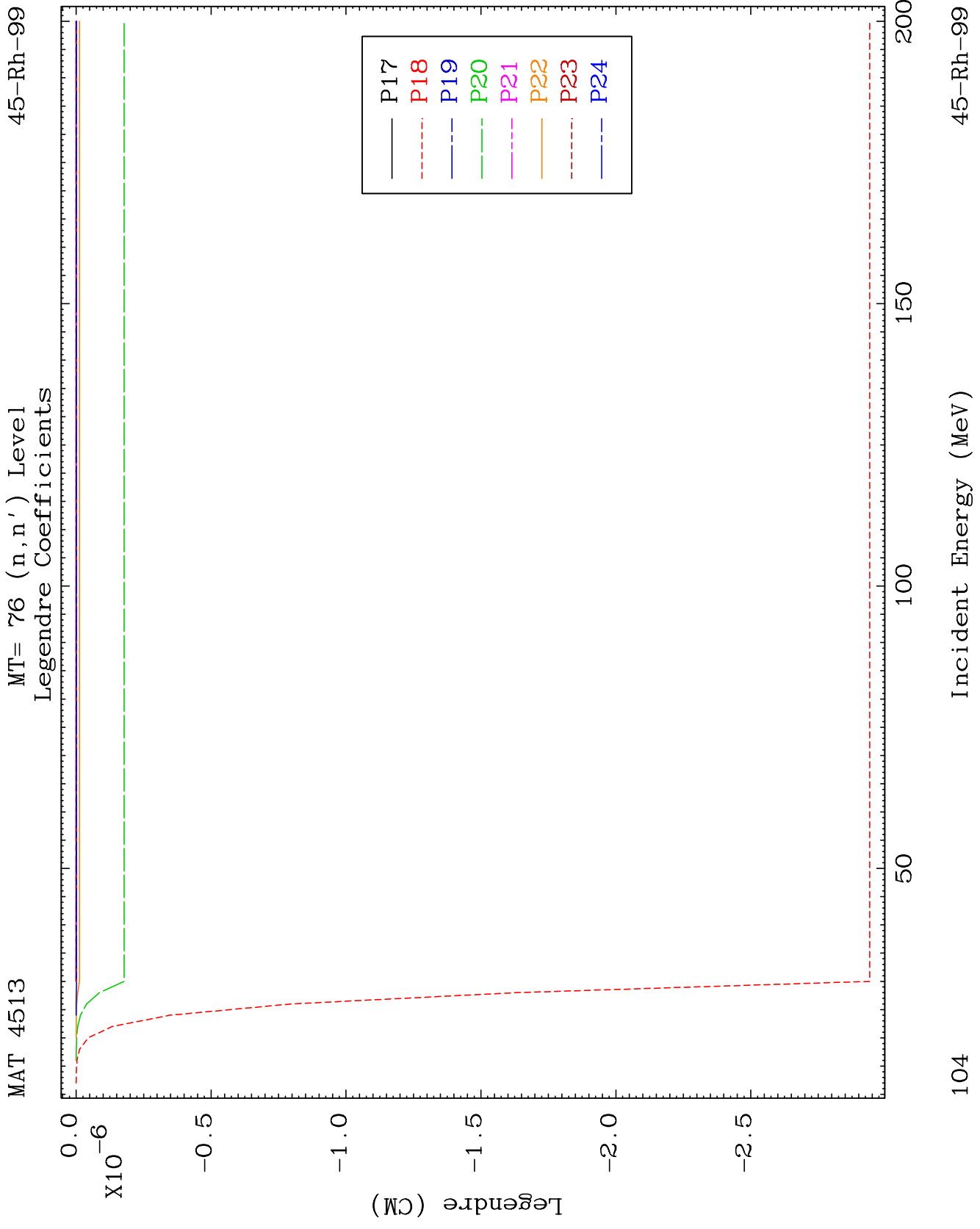
45-Rh-99

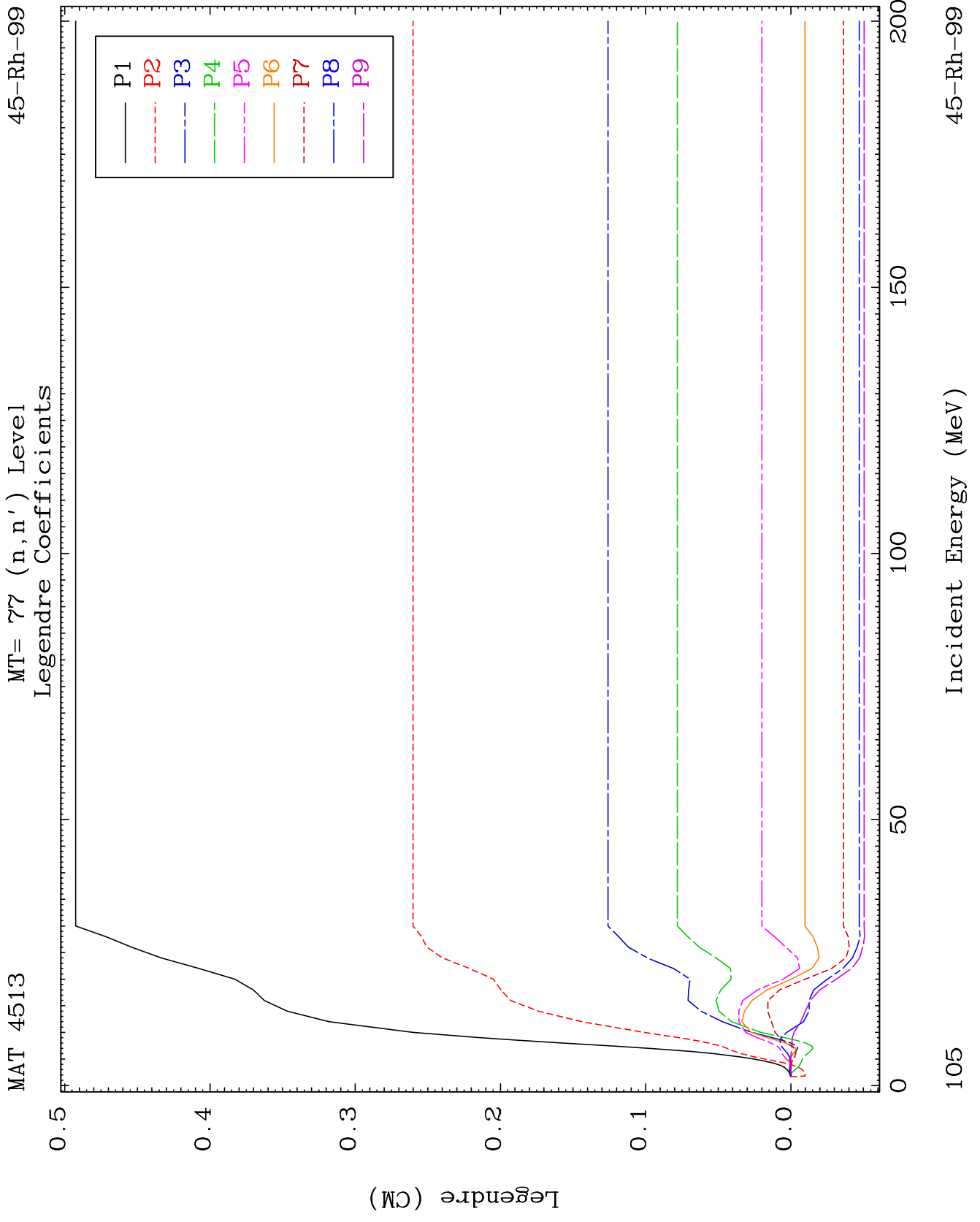


103

Incident Energy (MeV)

45-Rh-99

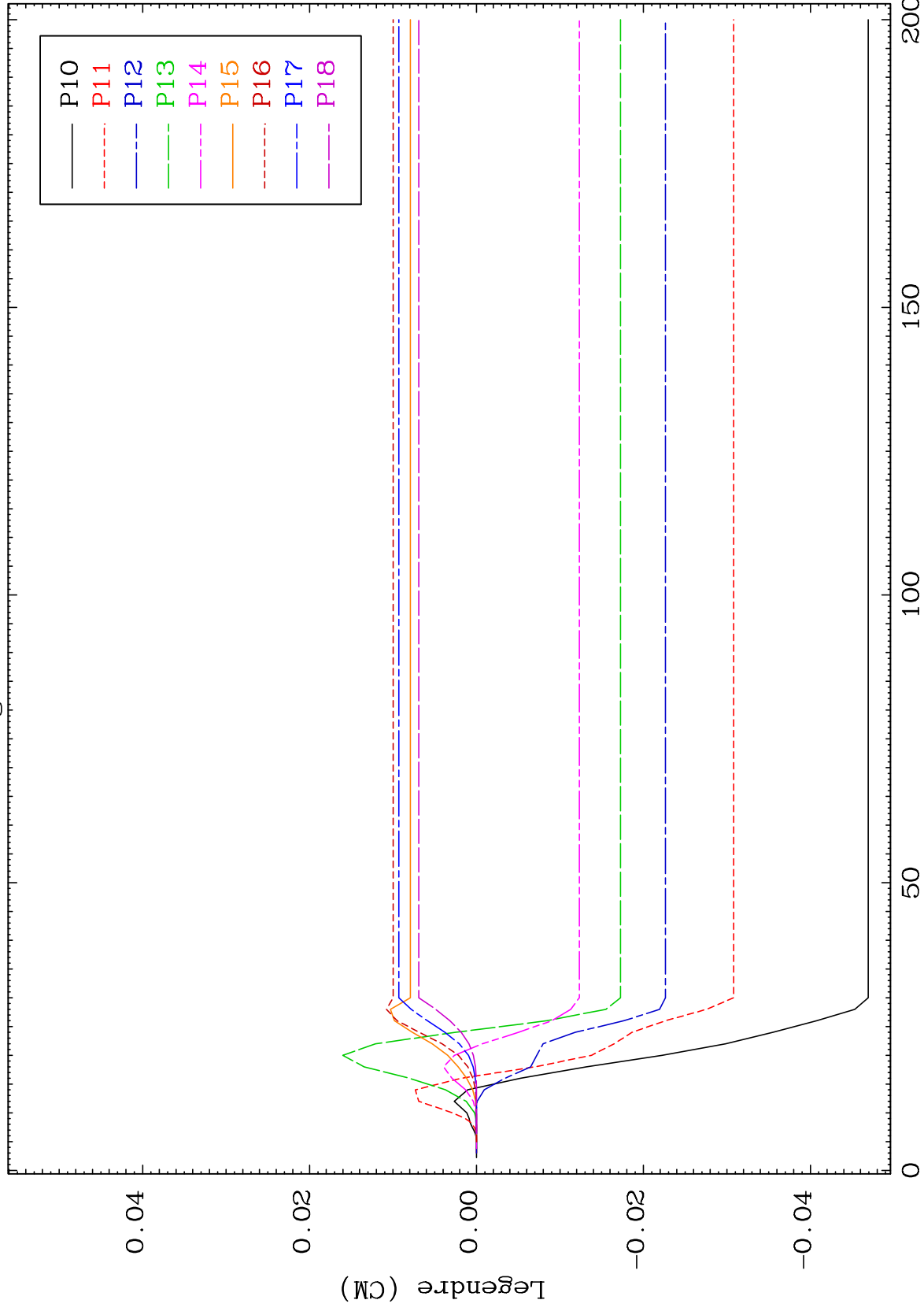




MAT 4513

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

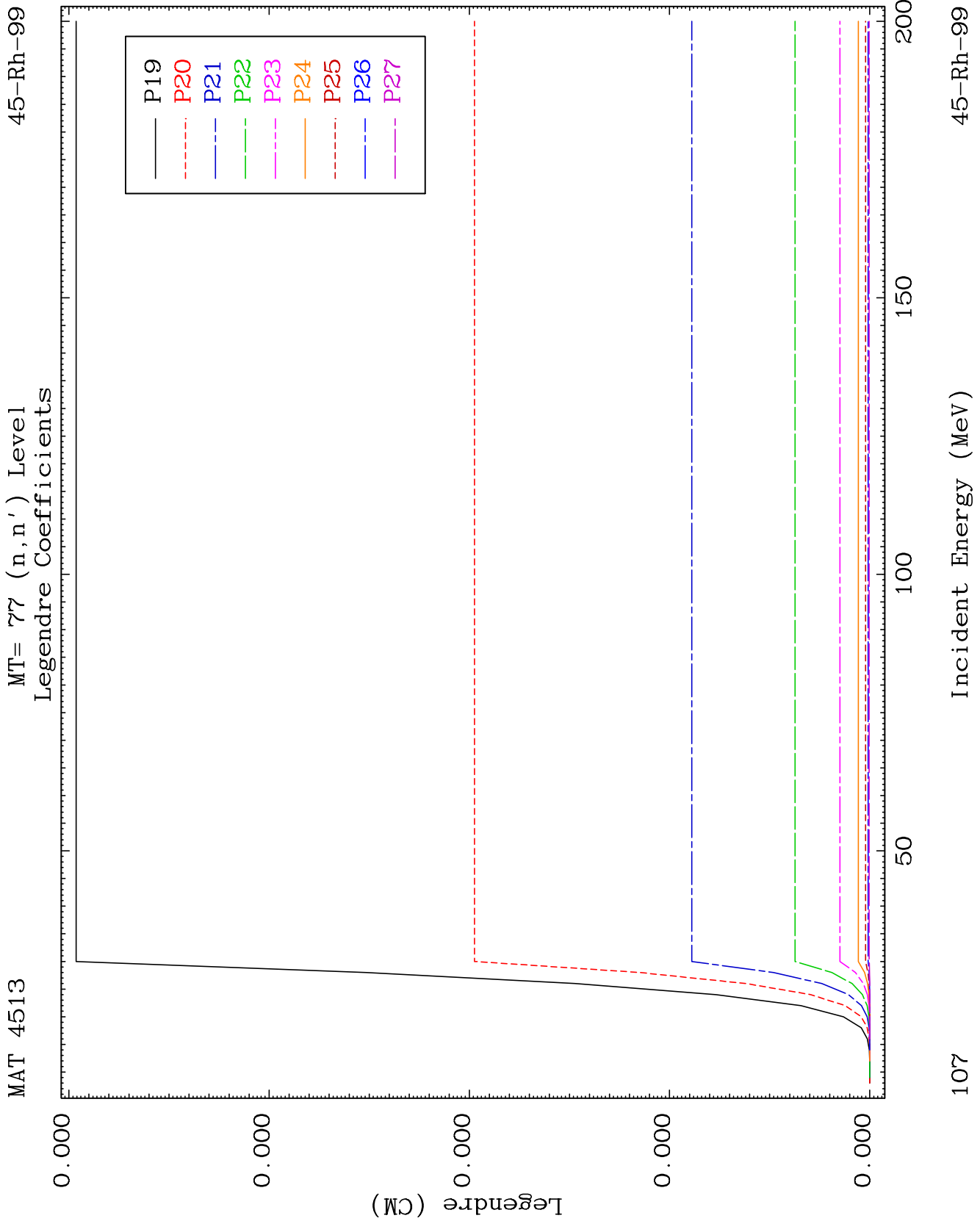
45-Rh-99



106

Incident Energy (MeV)

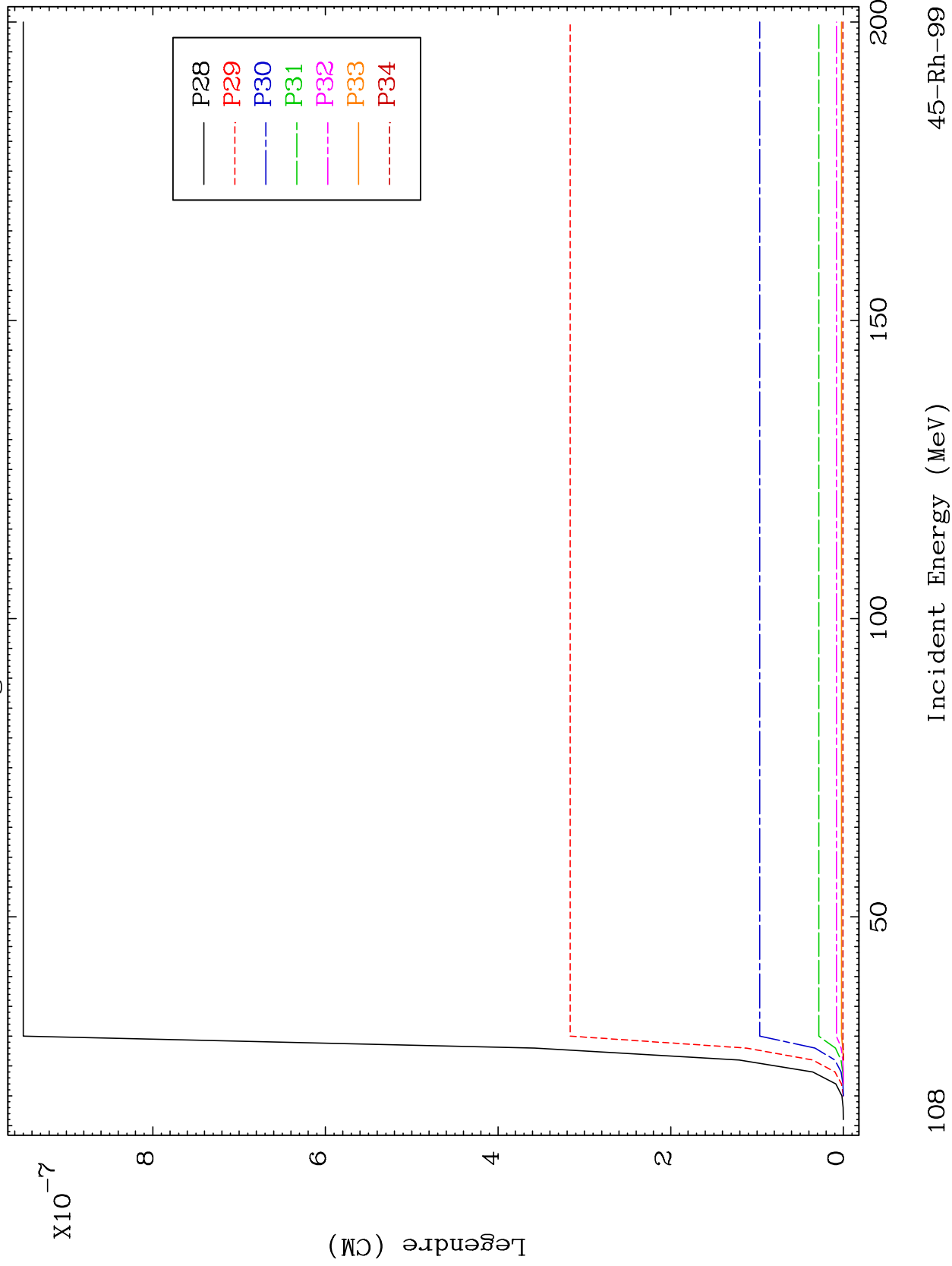
45-Rh-99



MAT 4513

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

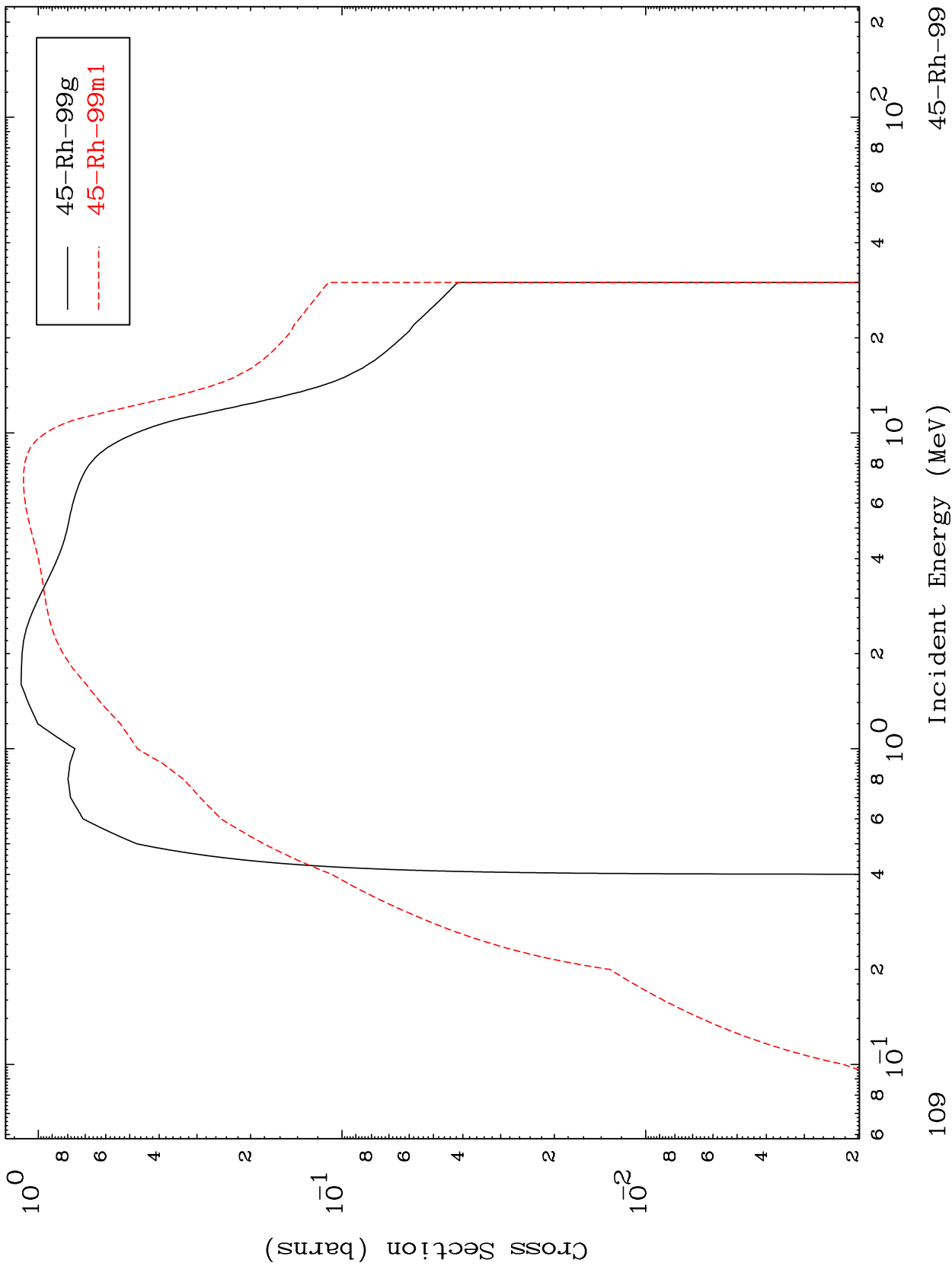
45-Rh-99



MAT 4513

45-Rh-99

Inelastic
Radionuclide Production Cross Section



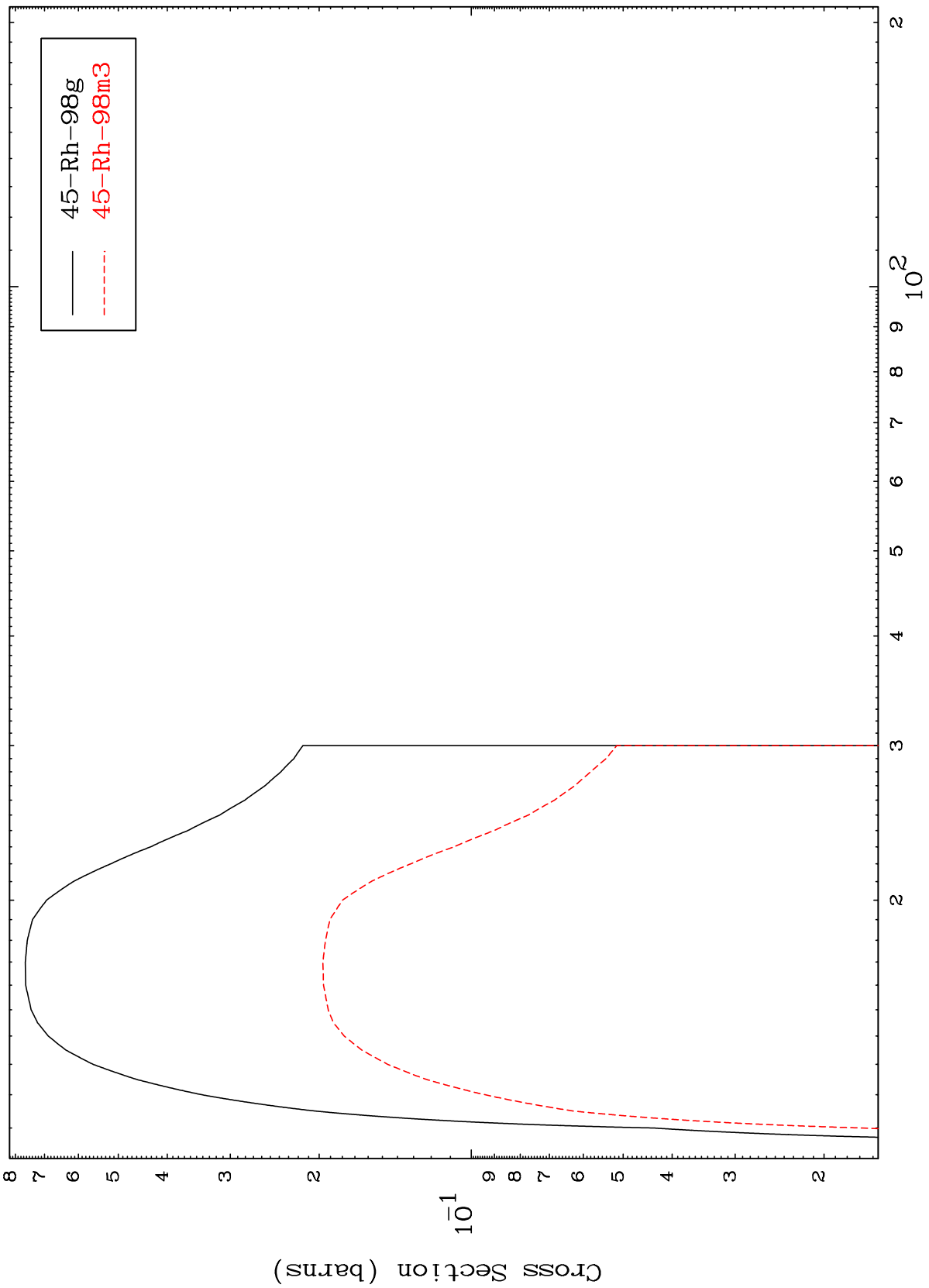
109

45-Rh-99

MAT 4513

45-Rh-99

(n,2n)
Radionuclide Production Cross Section



110

Incident Energy (MeV)

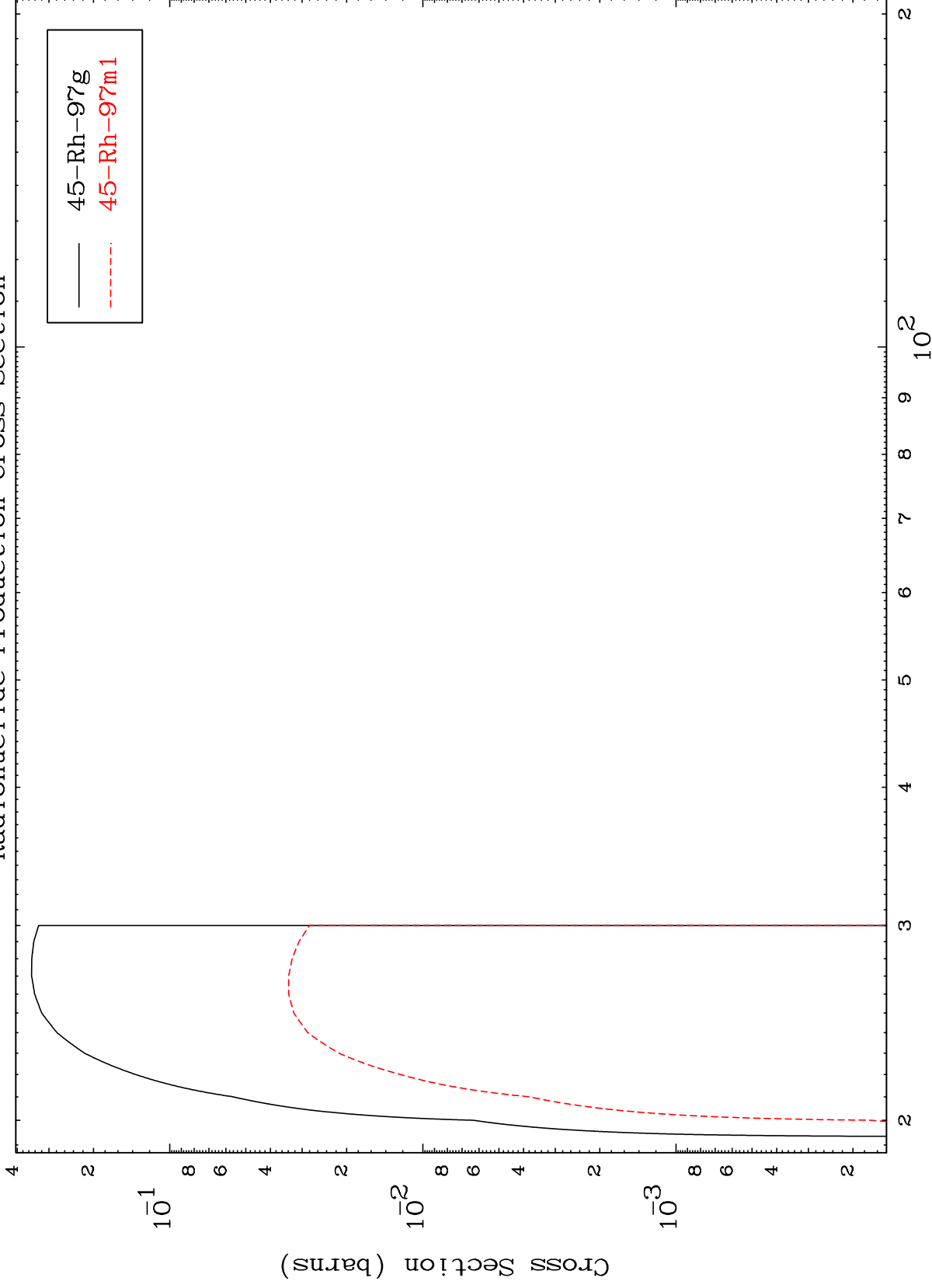
45-Rh-99

MAT 4513

(n,3n)

45-Rh-99

Radionuclide Production Cross Section



Incident Energy (MeV)

45-Rh-99

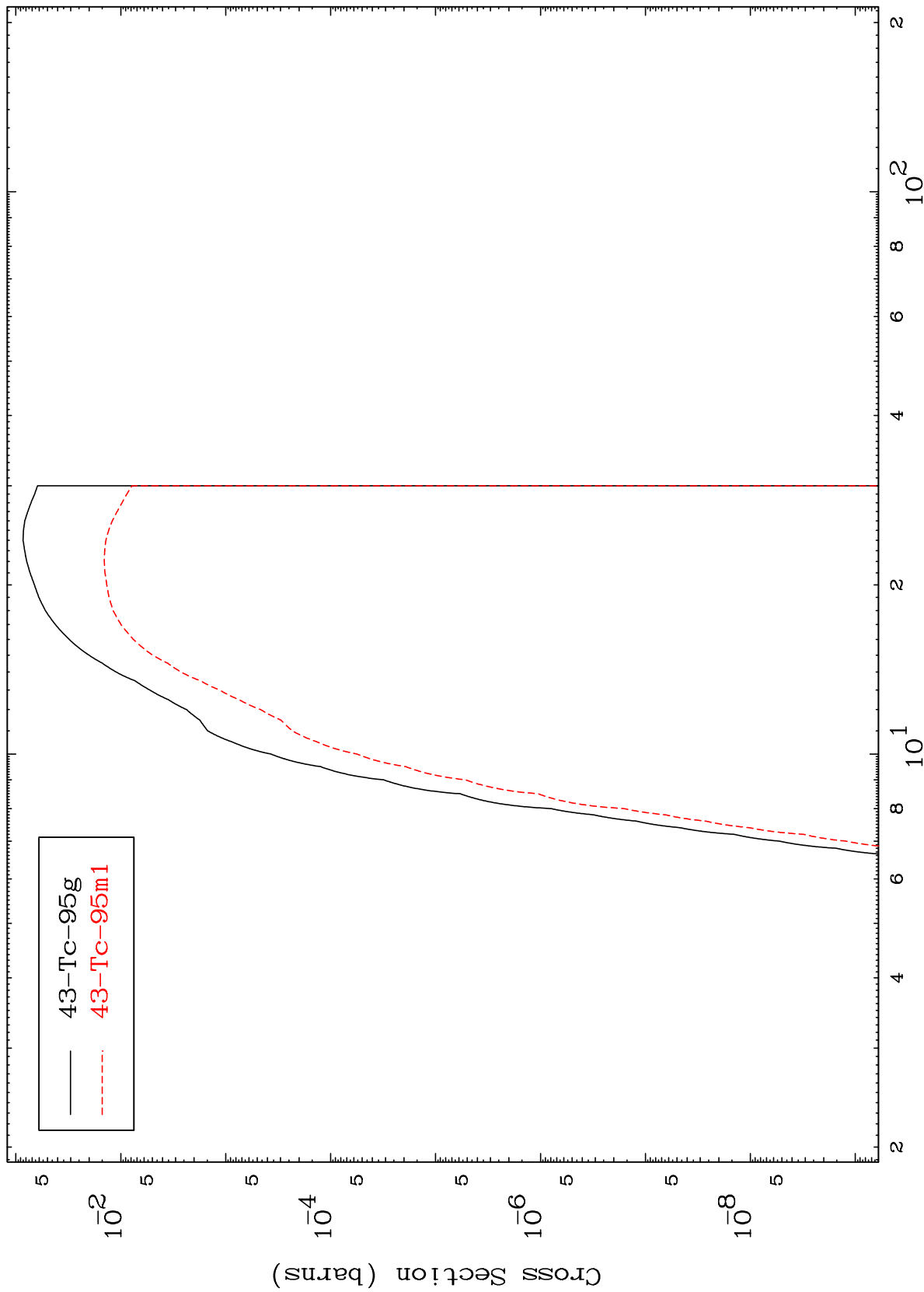
111

MAT 4513

(n,n') α

45-Rh-99

Radionuclide Production Cross Section

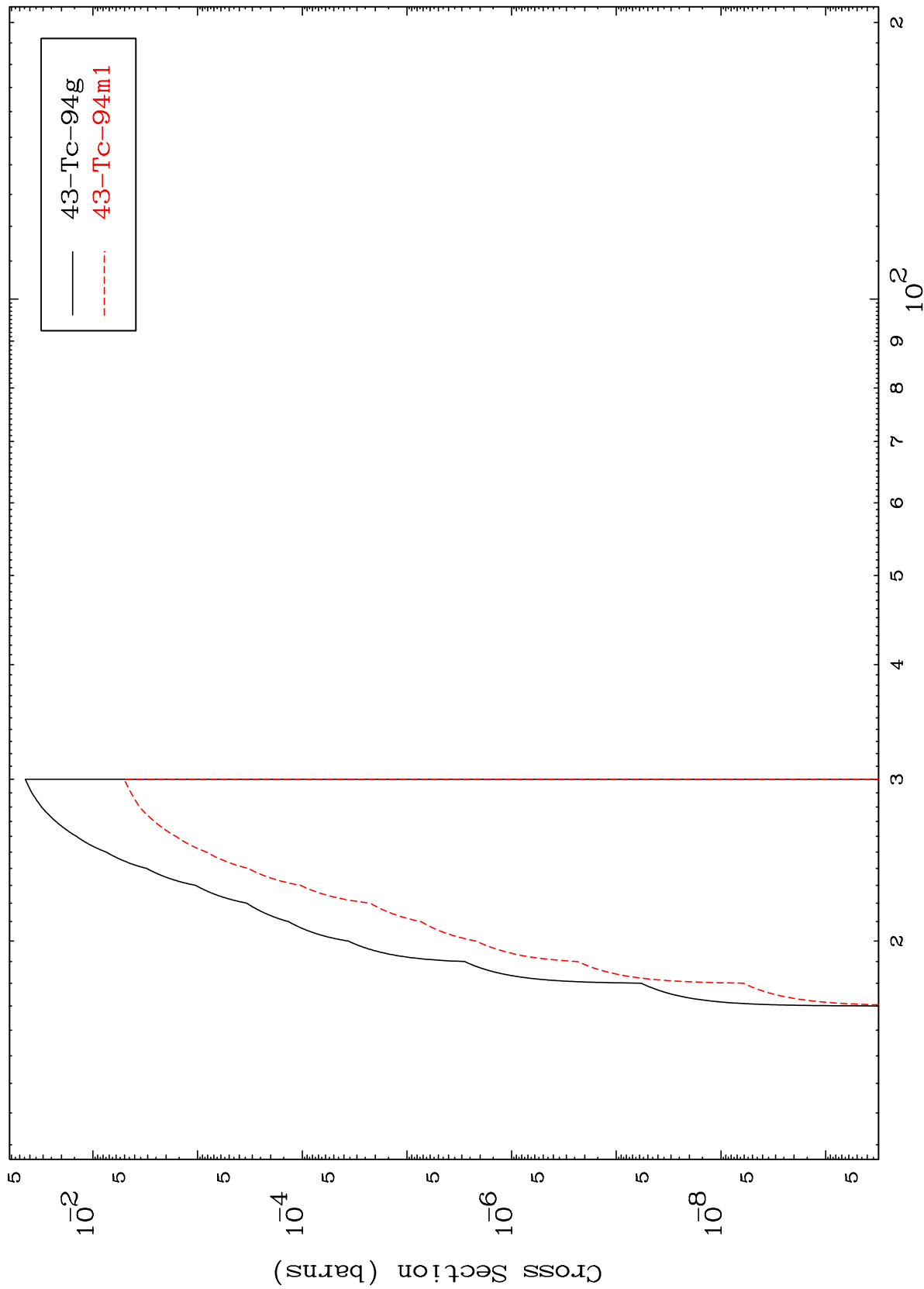


112

Incident Energy (MeV)

45-Rh-99

Radionuclide Production Cross Section



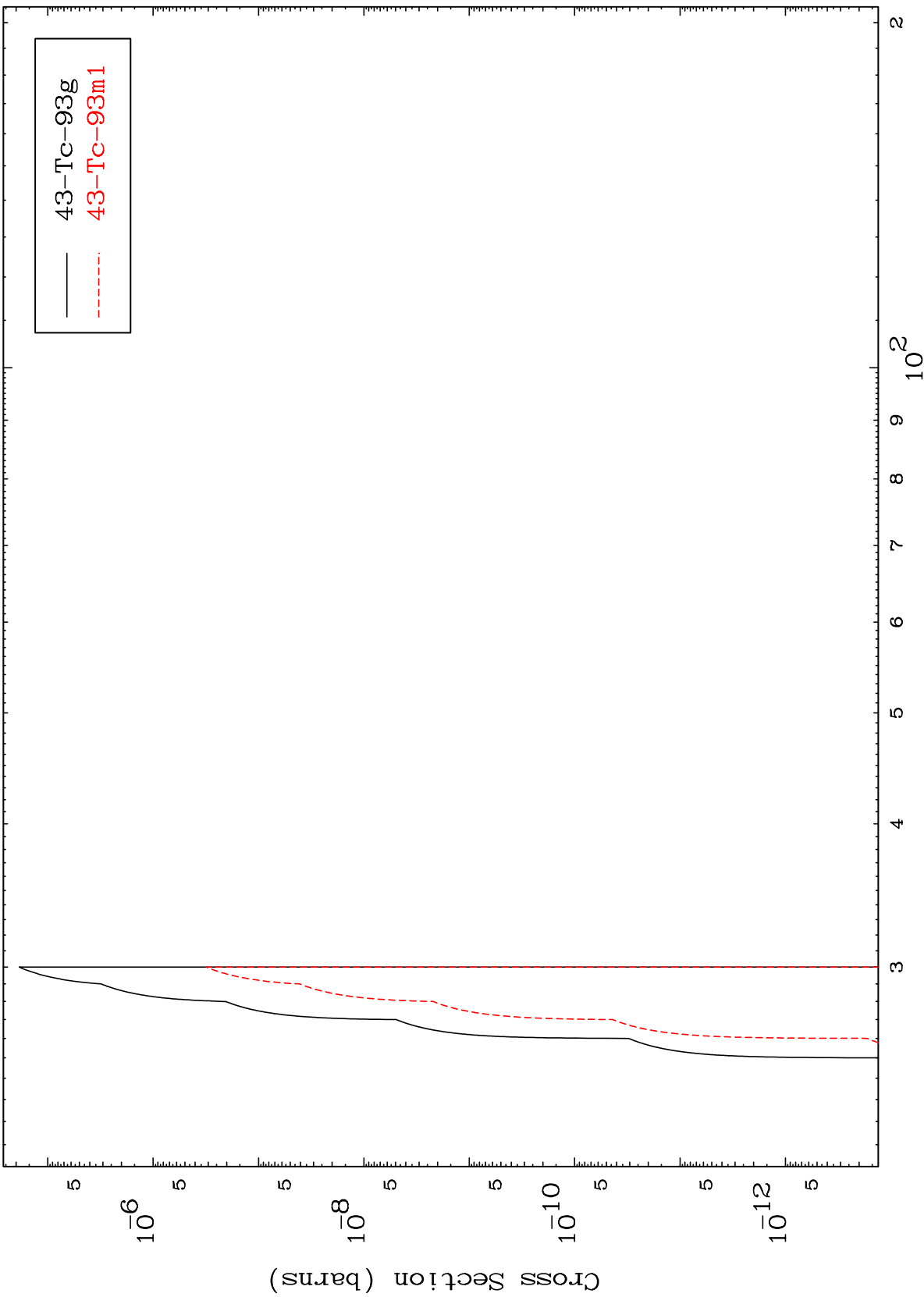
43-Tc-94g
43-Tc-94m1

MAT 4513

(n,3n) α

45-Rh-99

Radionuclide Production Cross Section



114

Incident Energy (MeV)

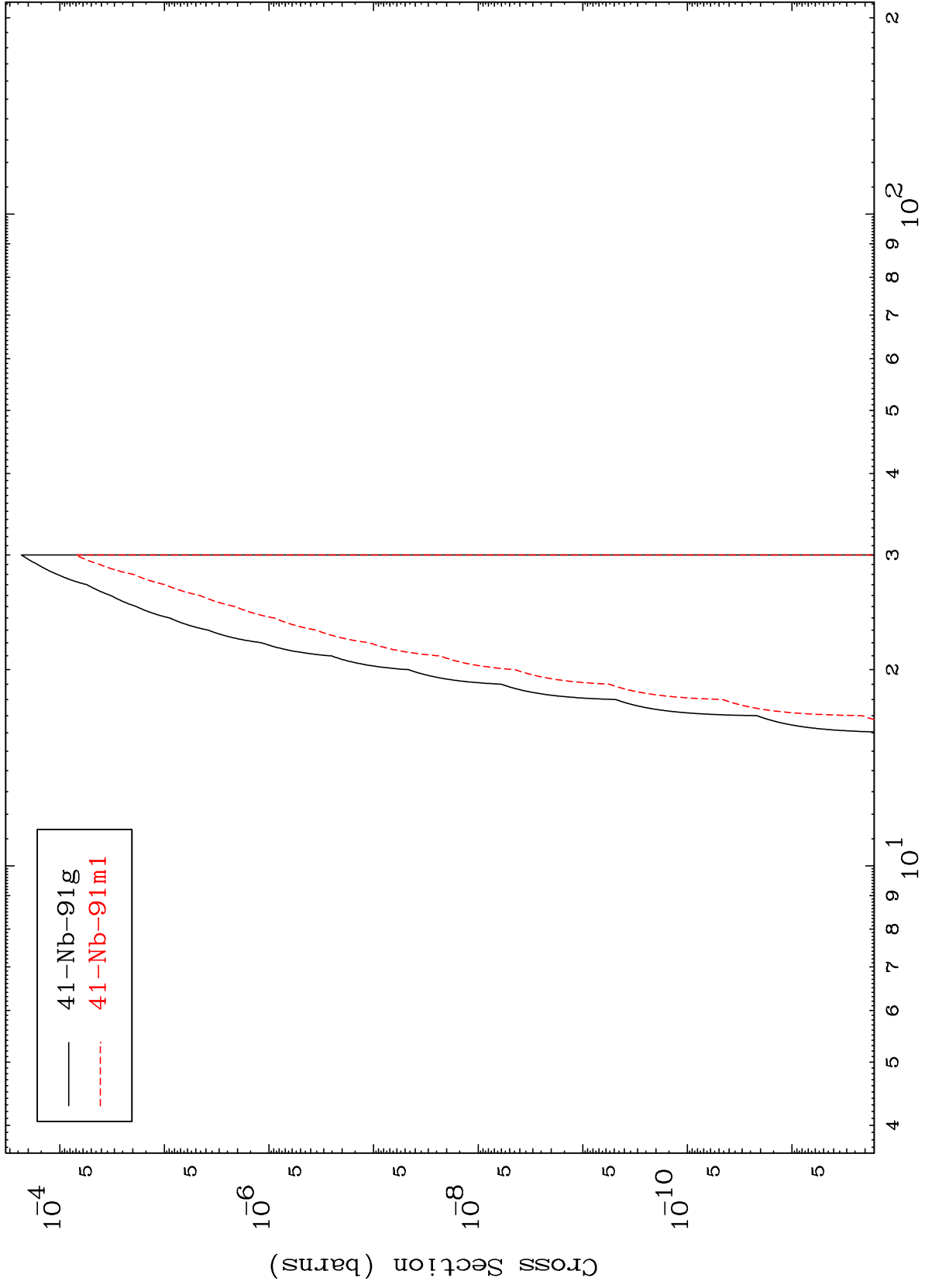
45-Rh-99

MAT 4513

(n,n') 2α

45-Rh-99

Radionuclide Production Cross Section



— 41-Nb-91g
- - - 41-Nb-91m1

115

Incident Energy (MeV)

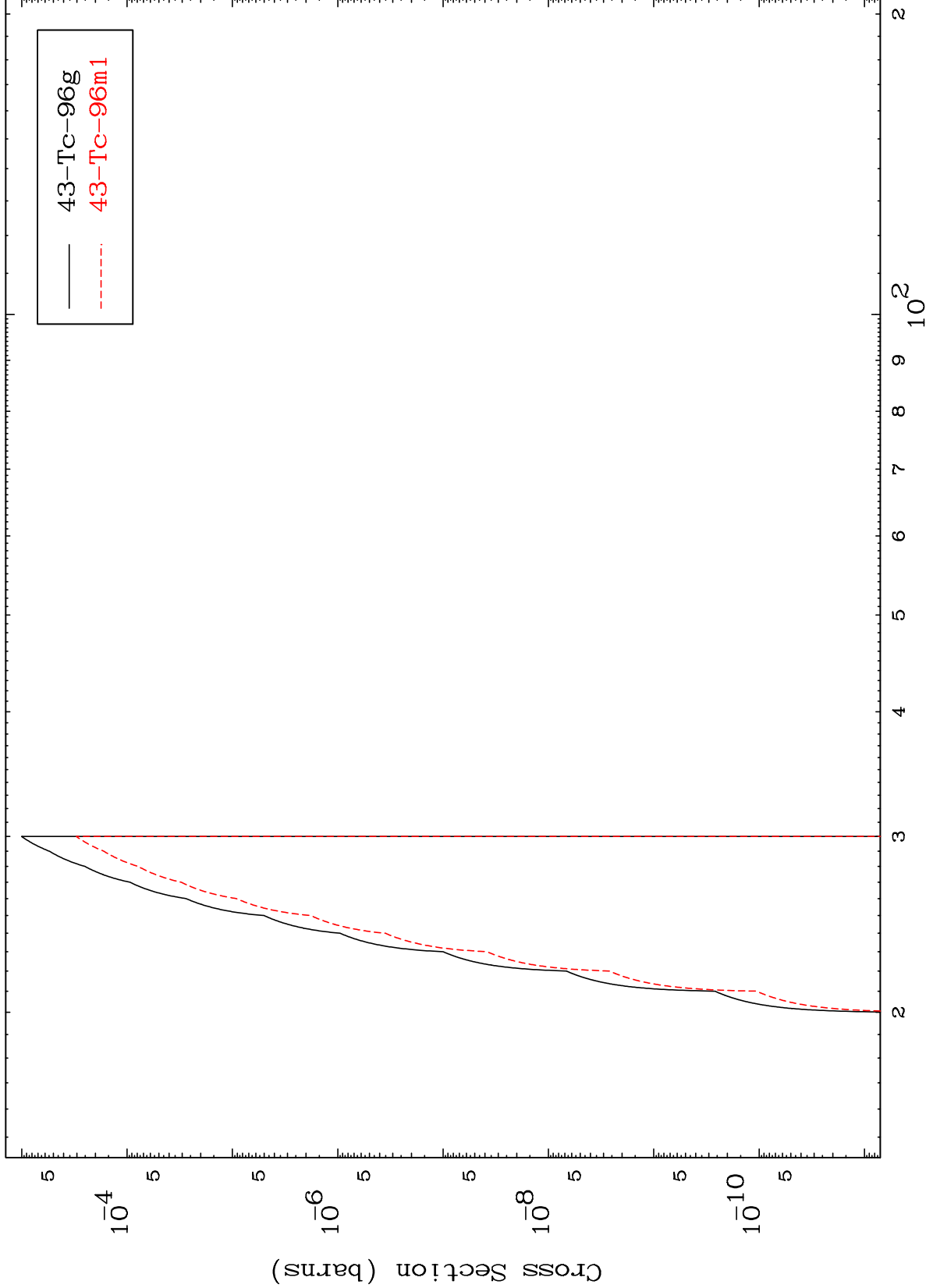
45-Rh-99

MAT 4513

(n,n') He-3

45-Rh-99

Radionuclide Production Cross Section



116

Incident Energy (MeV)

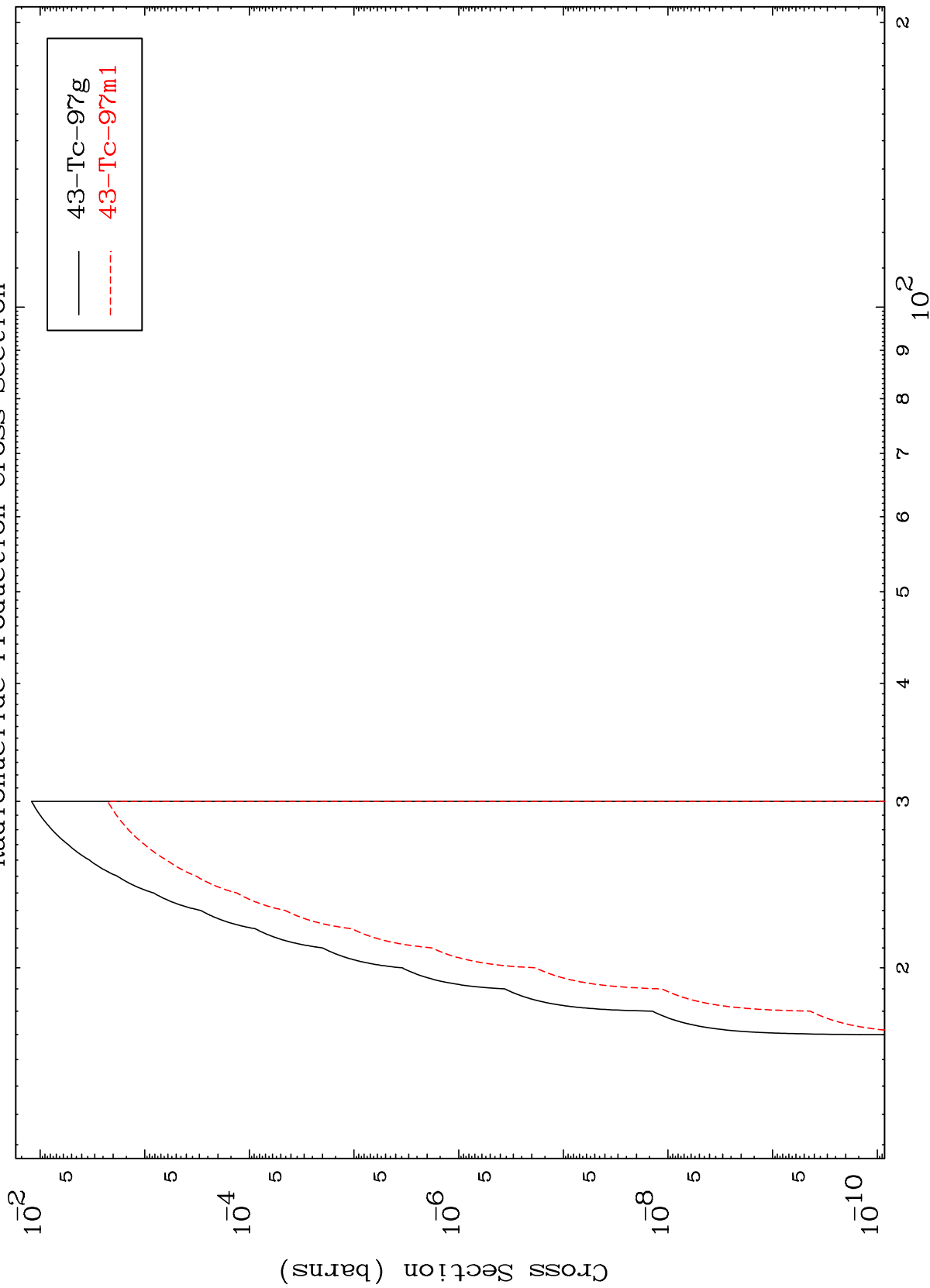
45-Rh-99

MAT 4513

(n,2n) p

45-Rh-99

Radionuclide Production Cross Section



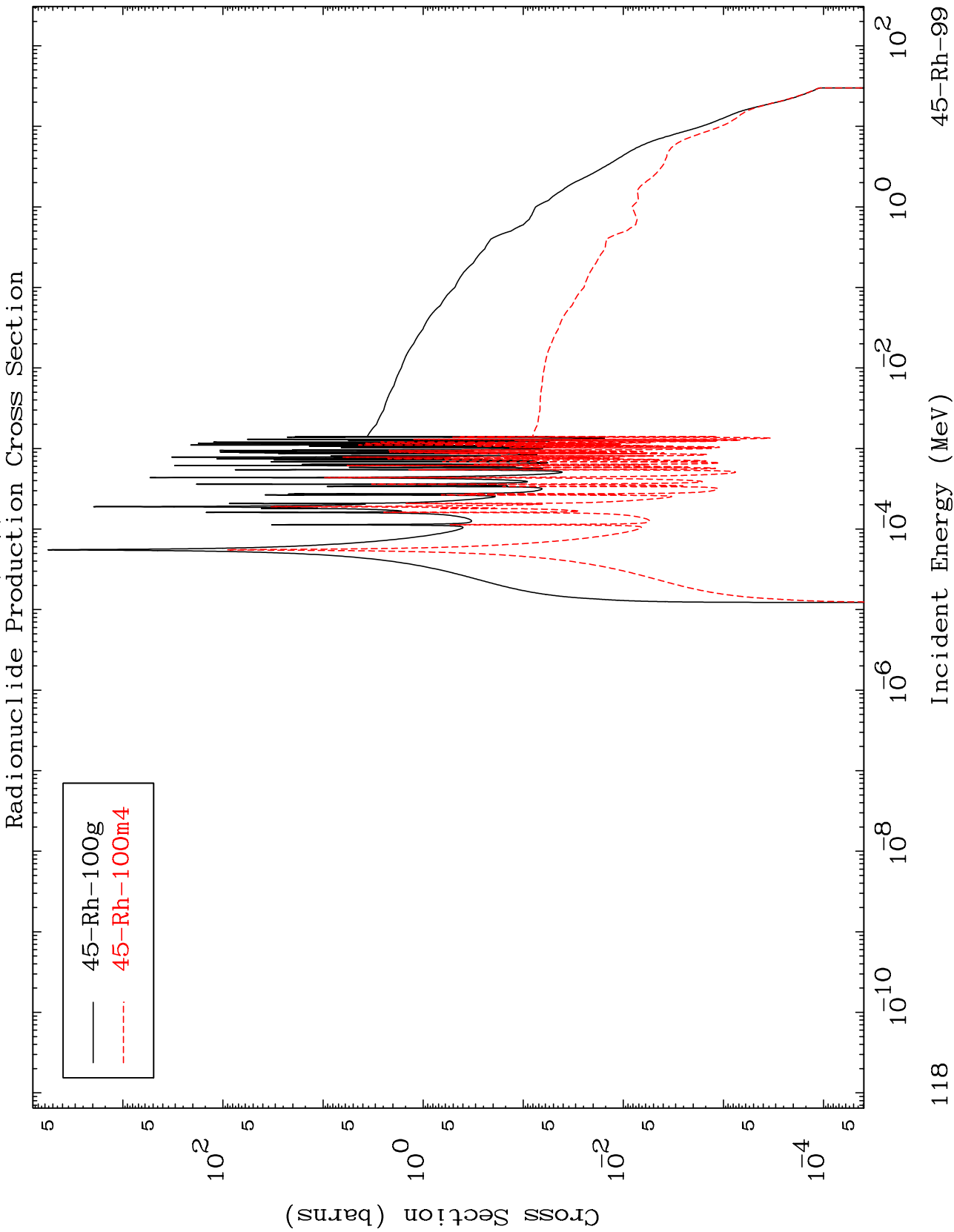
117

Incident Energy (MeV)

45-Rh-99

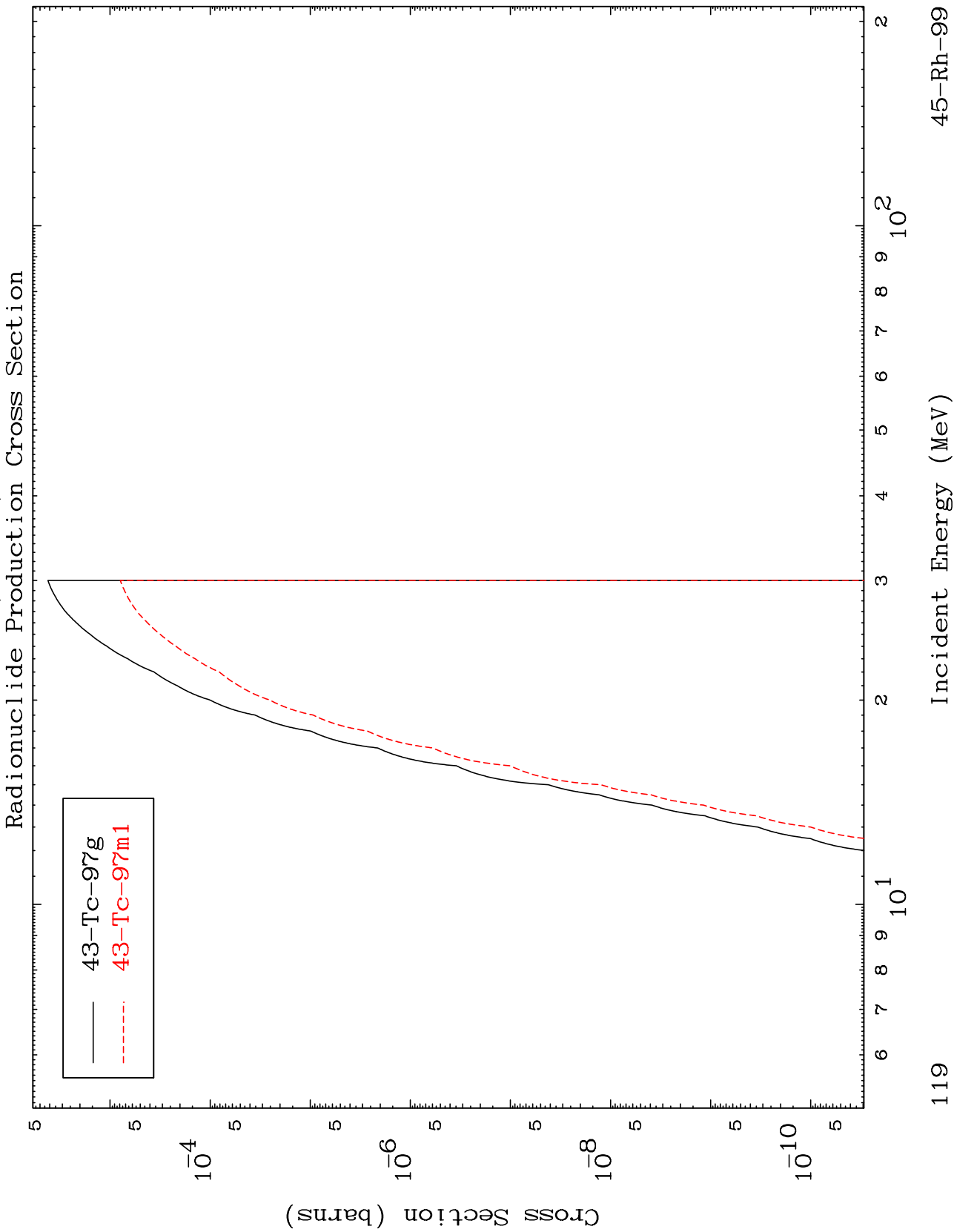
MAT 4513

45-Rh-99



MAT 4513

45-Rh-99



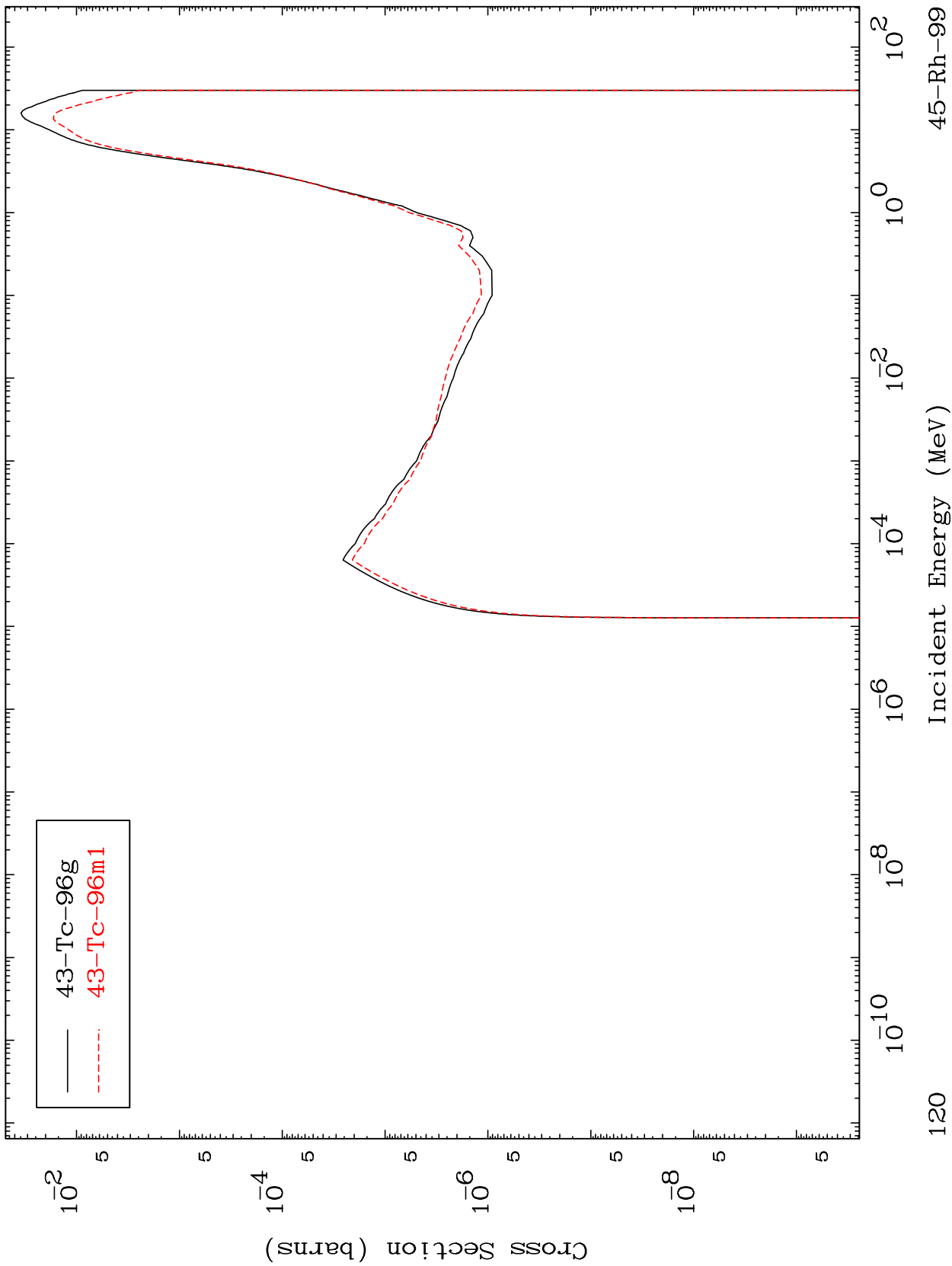
119

45-Rh-99

MAT 4513

45-Rh-99

(n, α)
Radionuclide Production Cross Section



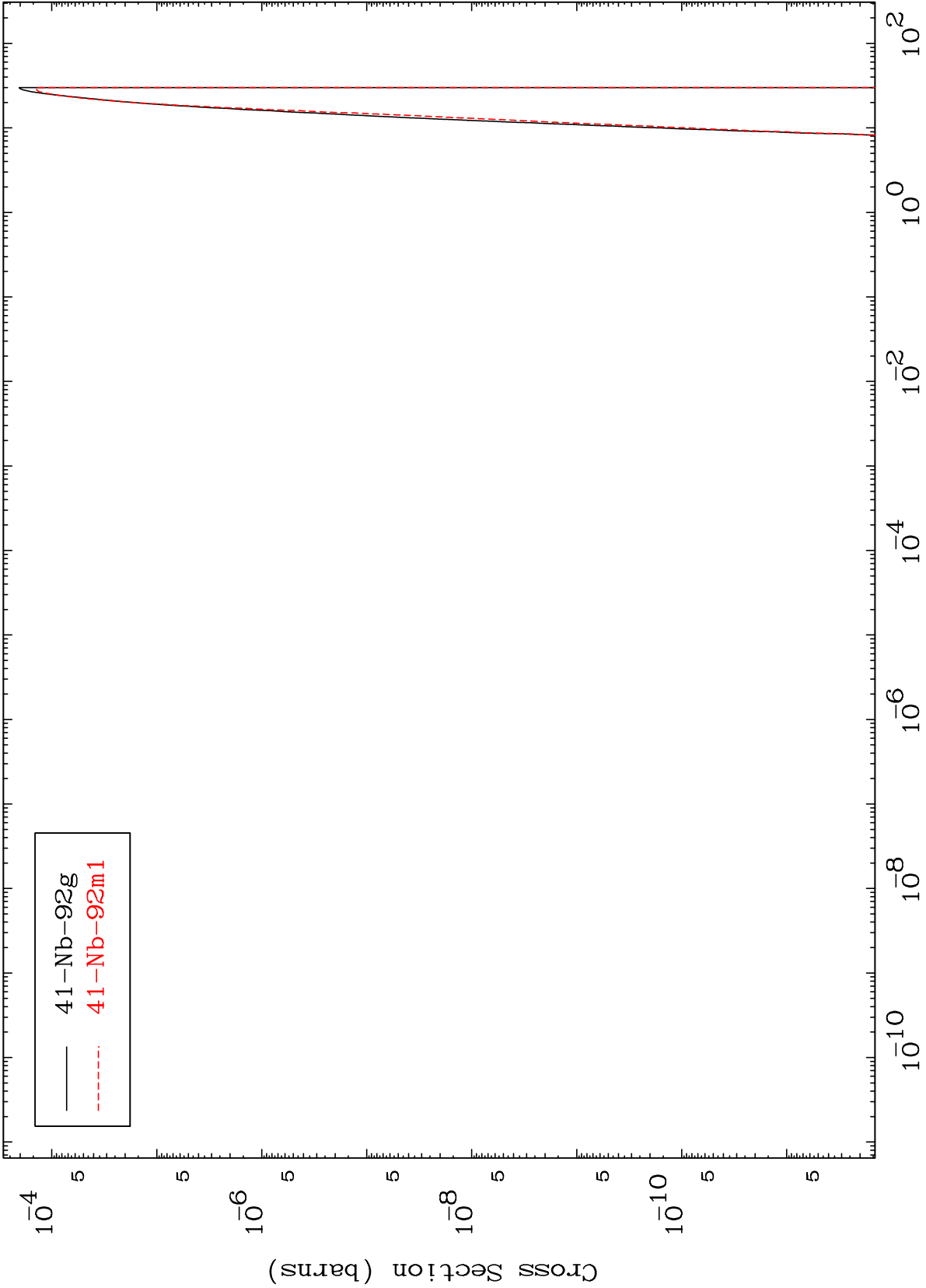
120

MAT 4513

(n,2α)

45-Rh-99

Radionuclide Production Cross Section



— 41-Nb-92g
- - - 41-Nb-92m1

121

Incident Energy (MeV)

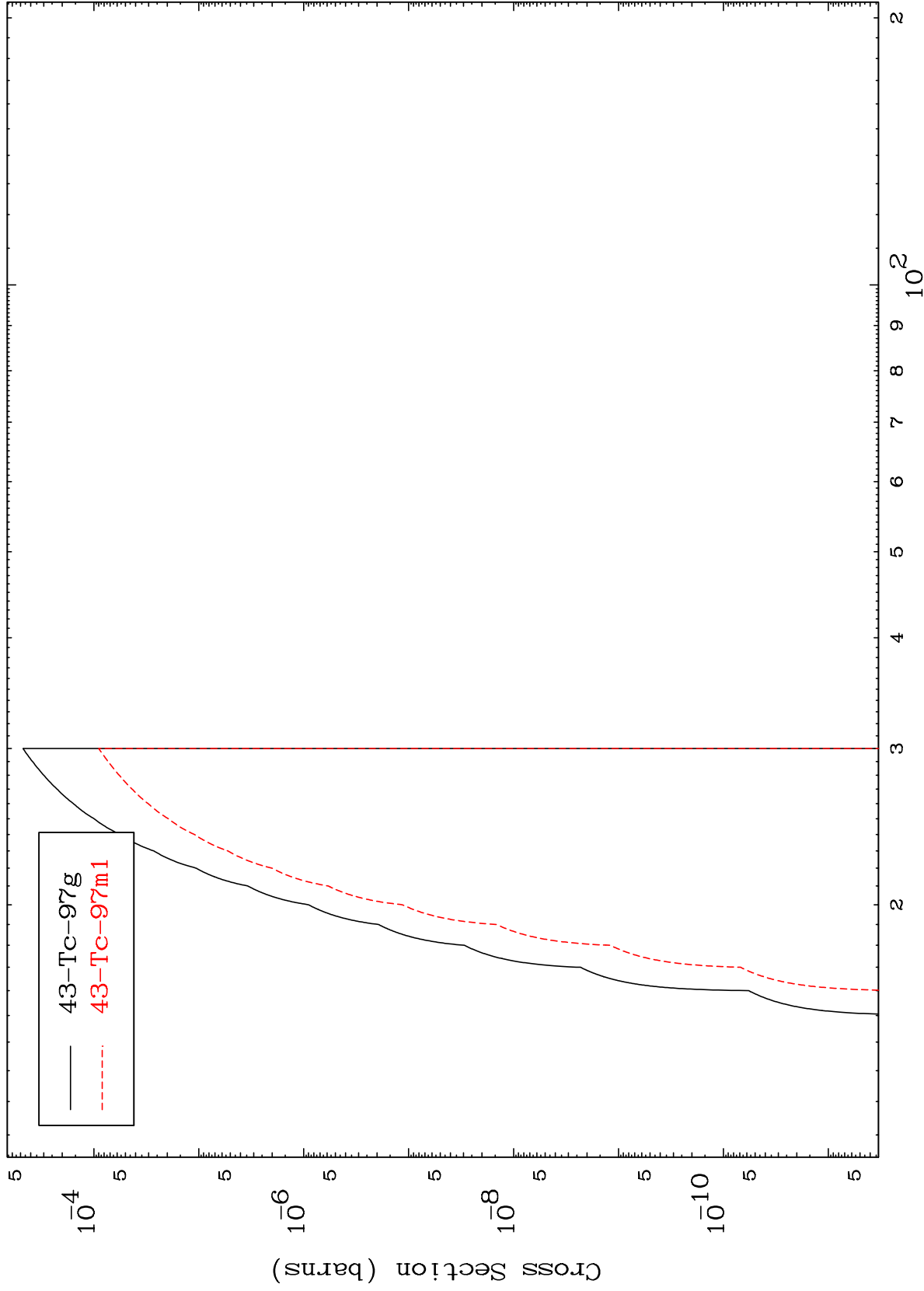
45-Rh-99

MAT 4513

(n,p) d

45-Rh-99

Radionuclide Production Cross Section



Incident Energy (MeV)

45-Rh-99

122

Radionuclide Production Cross Section

