

Program EVALPLOT
(Version 2018-1)

by

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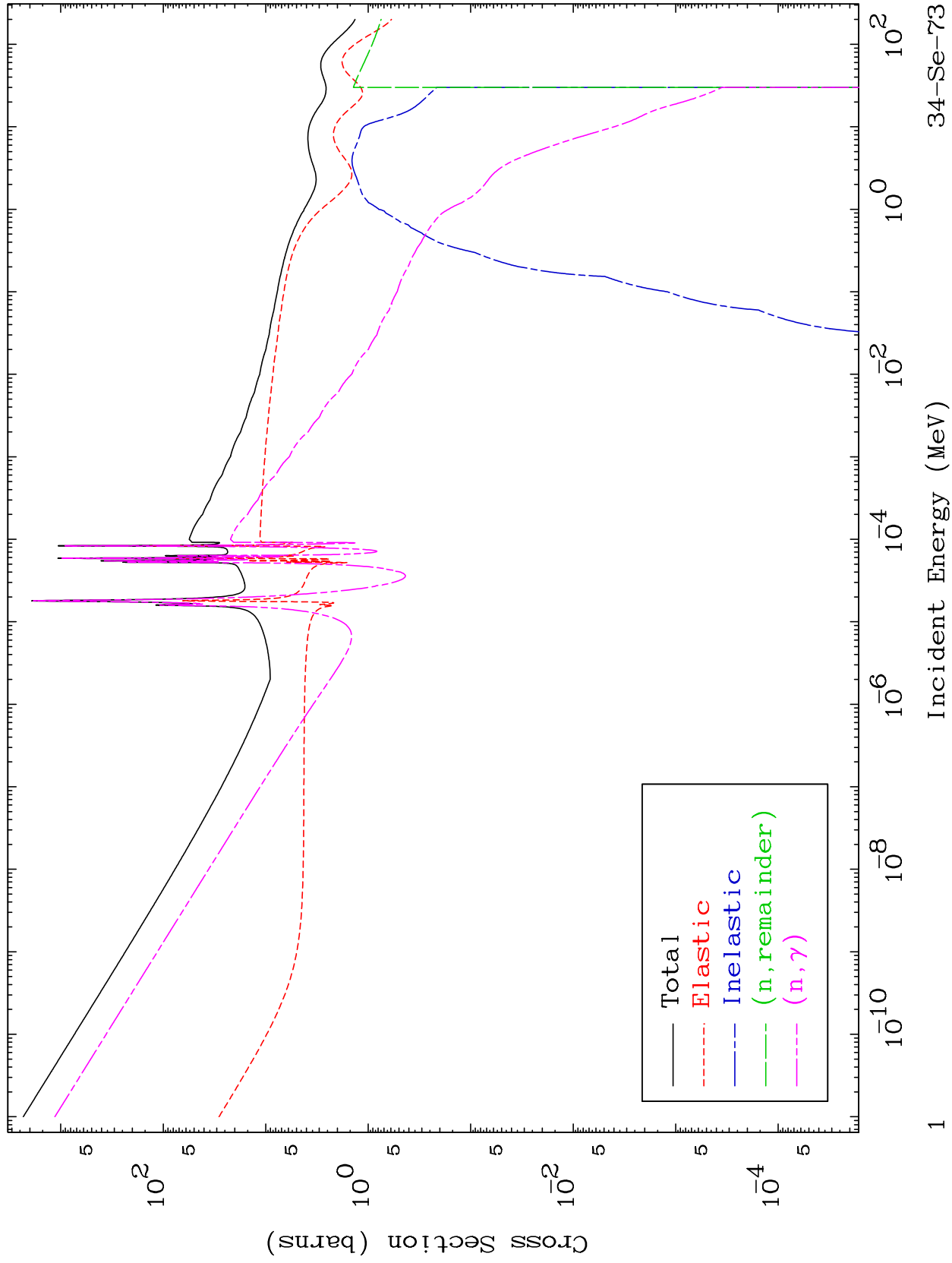
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3422

Major
293 Kelvin Cross Sections

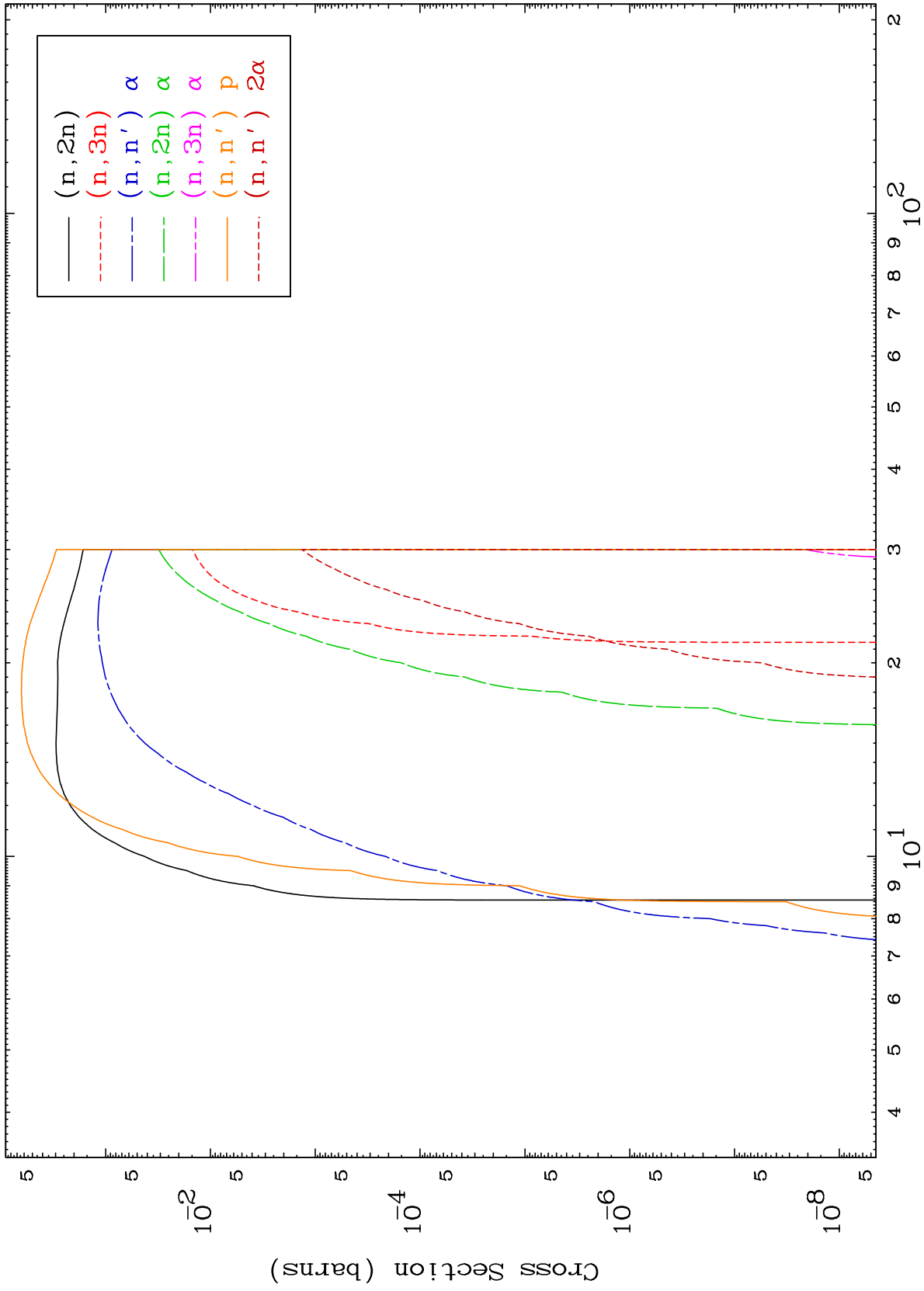
³⁴Se-73



MAT 3422

Neutron Production 293 Kelvin Cross Sections

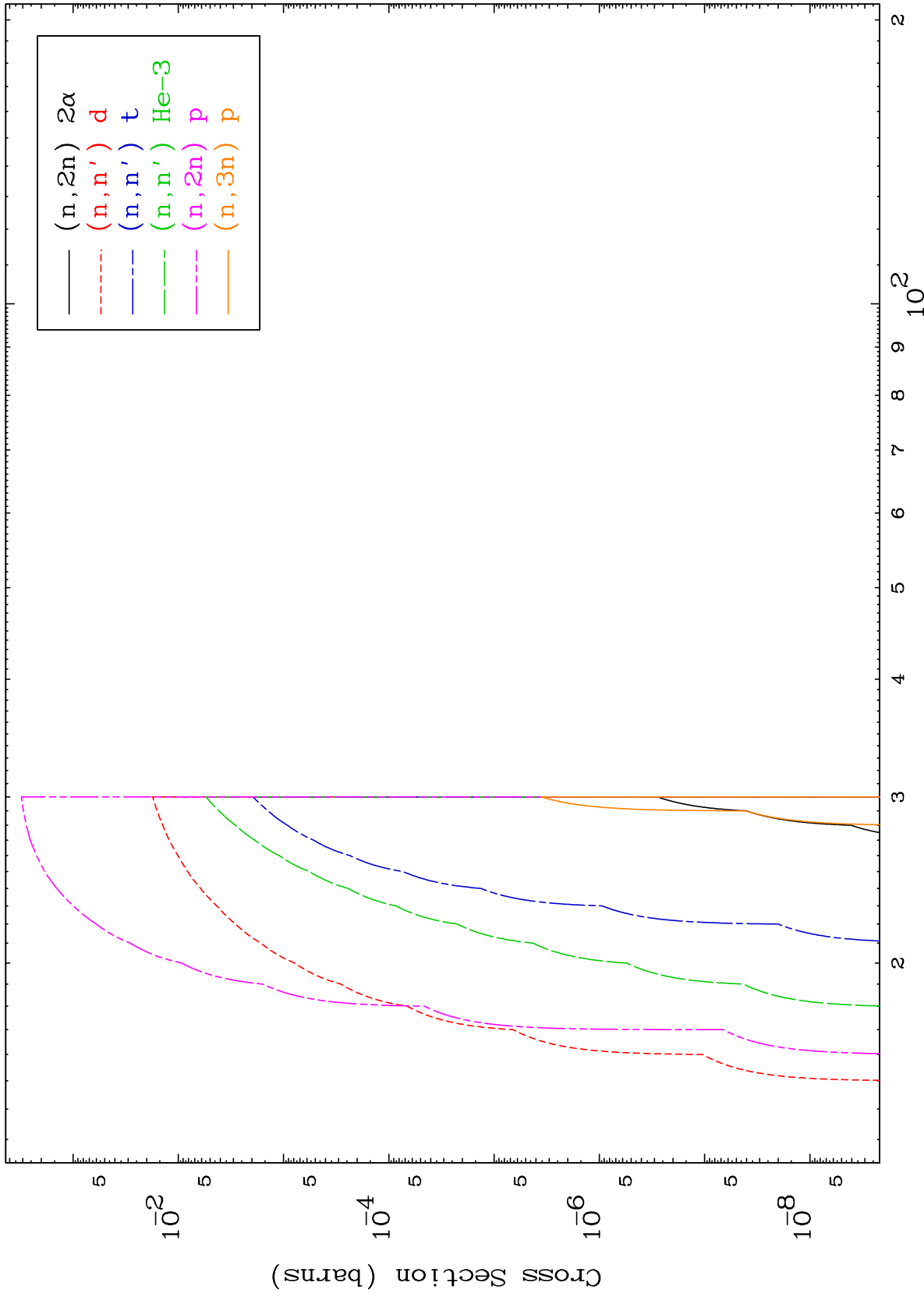
34-Se-73



2

Incident Energy (MeV)

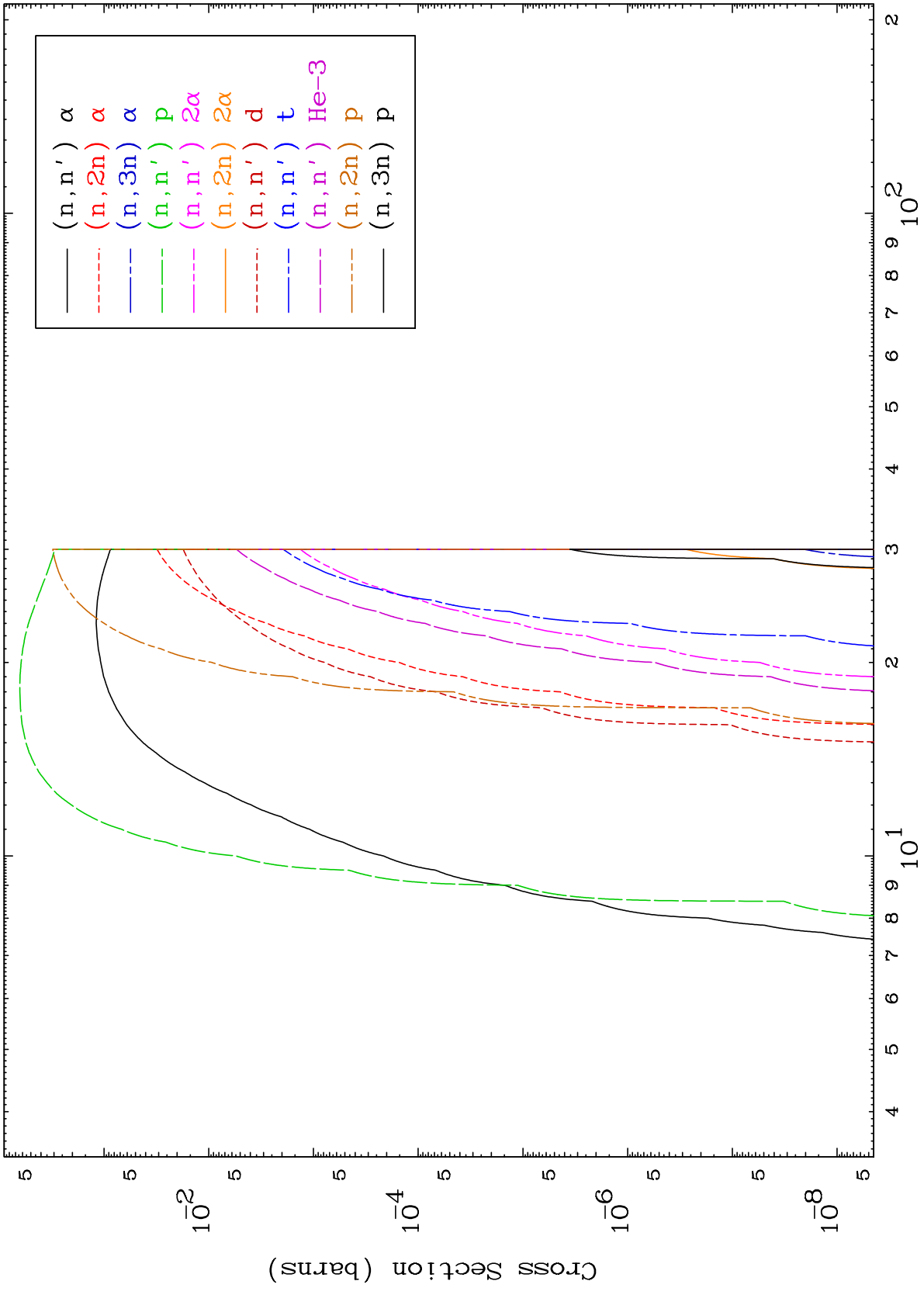
34-Se-73

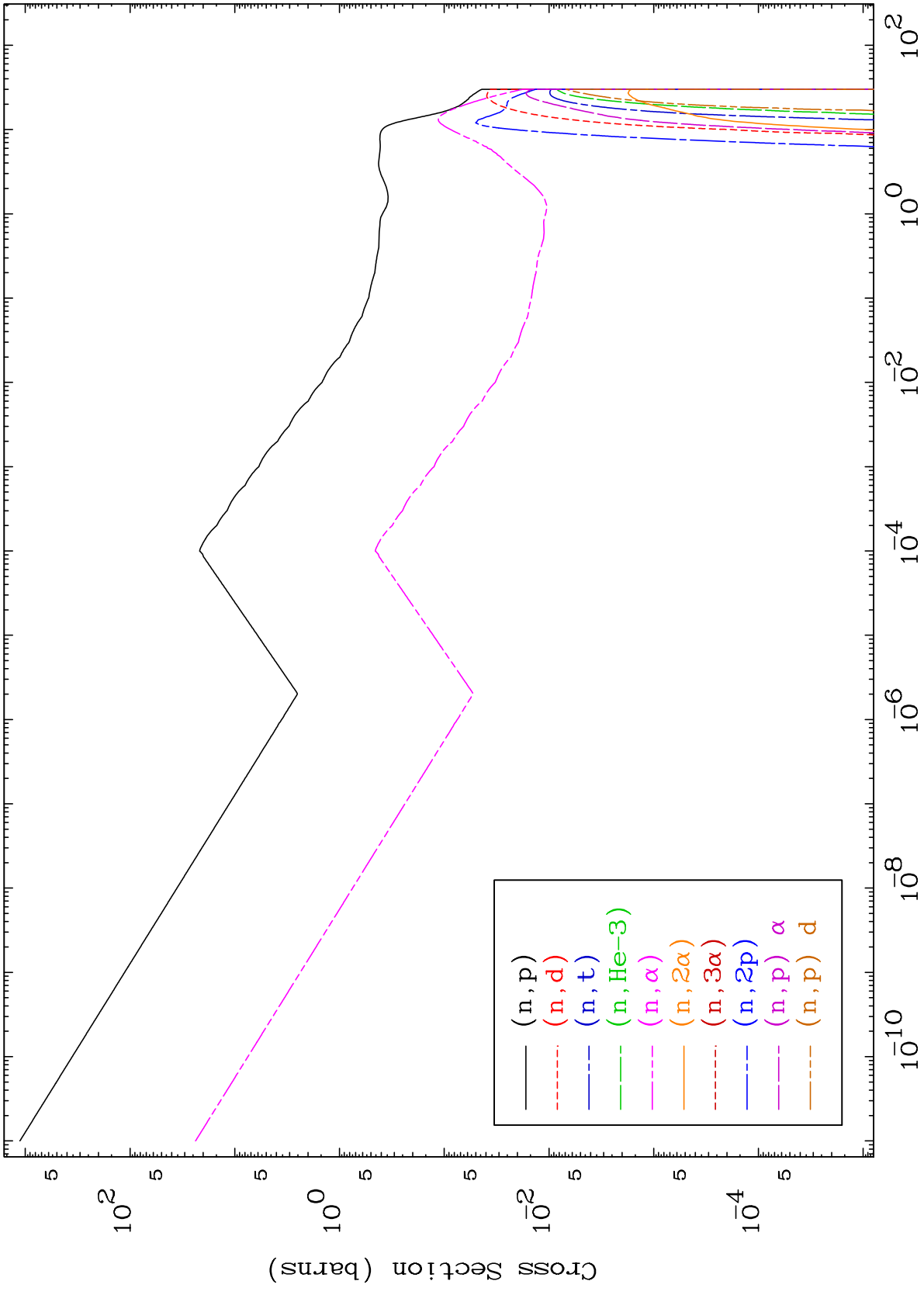


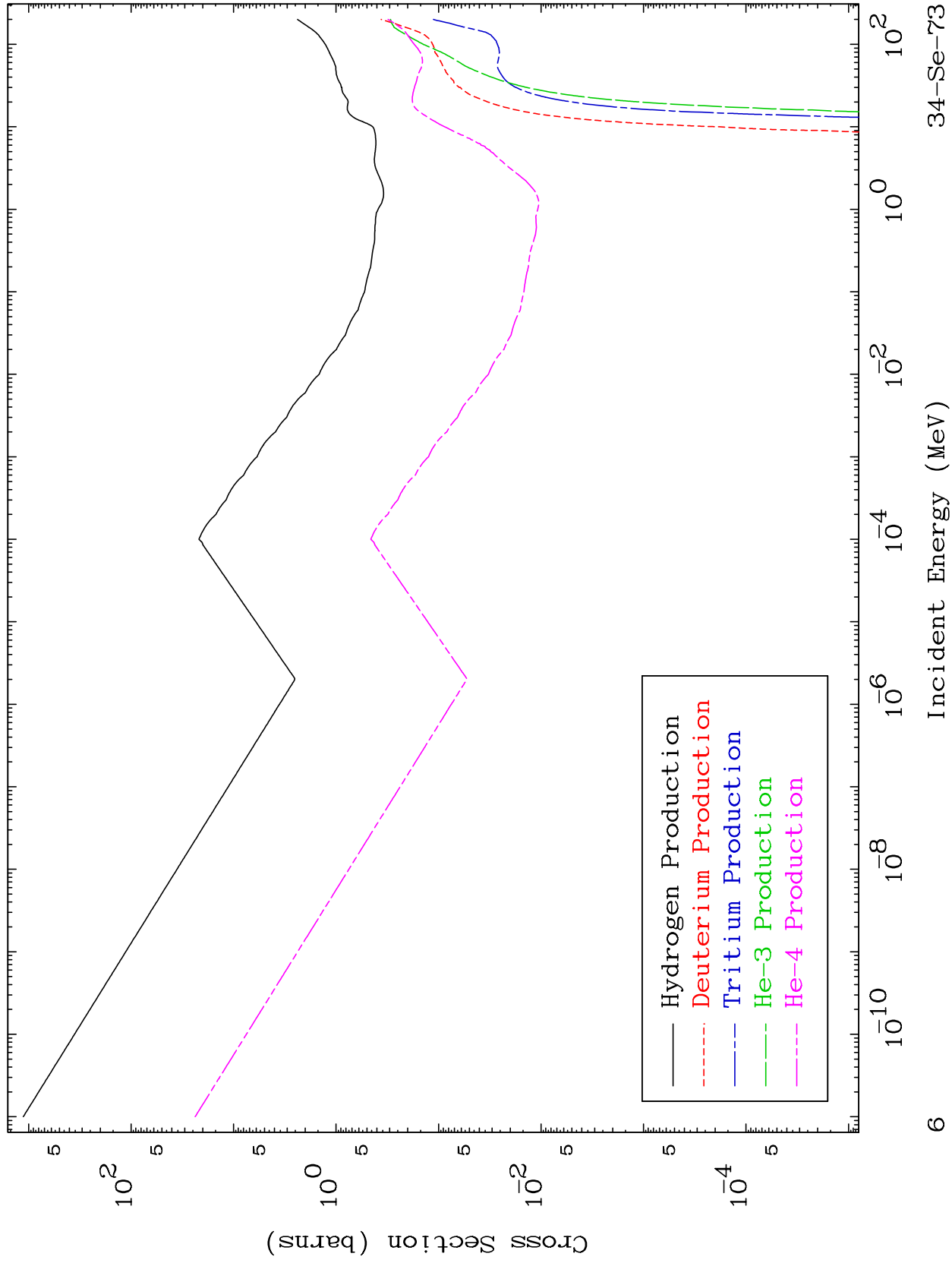
MAT 3422

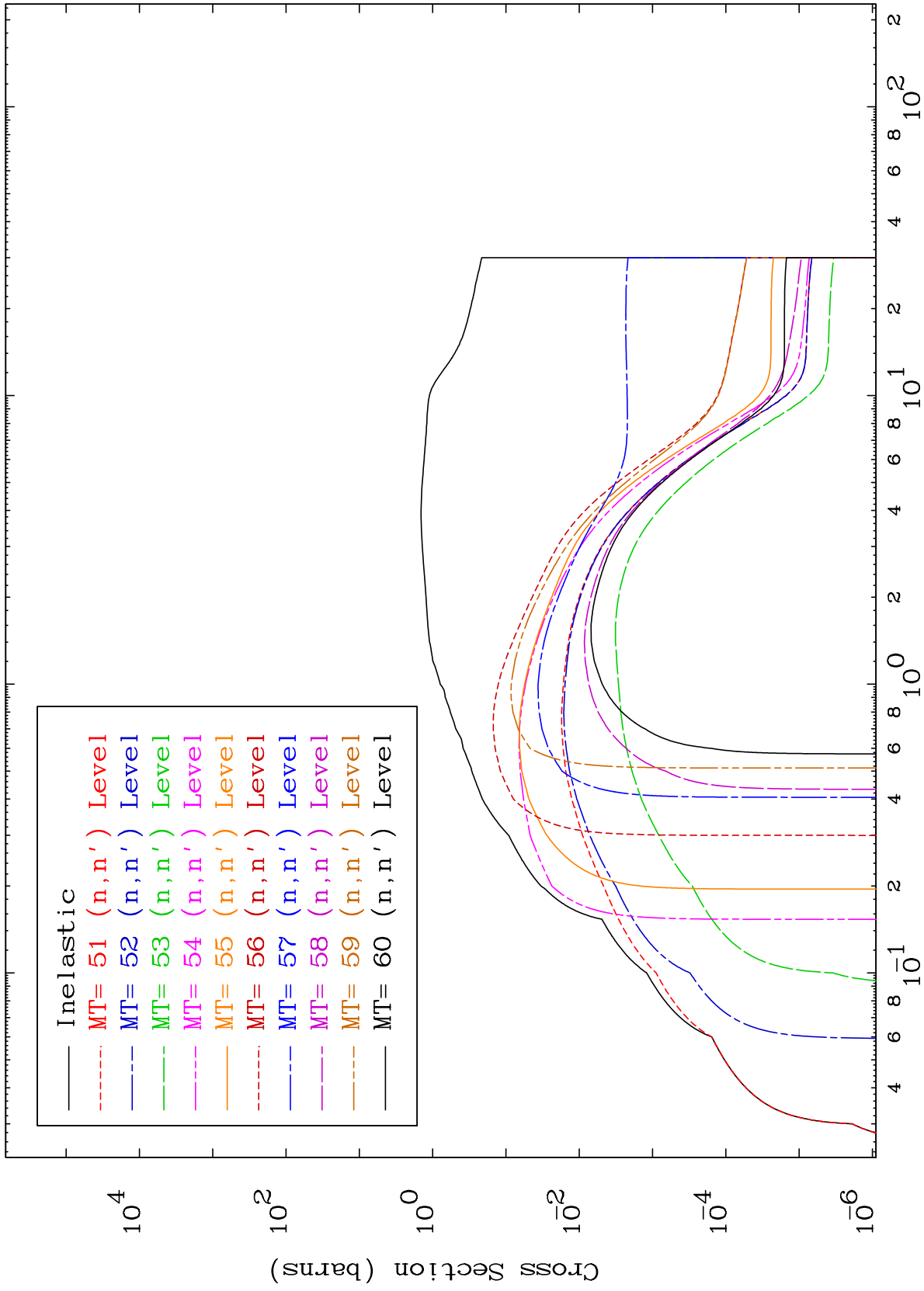
293 Kelvin Cross Sections
Charged Particle

34-Se-73







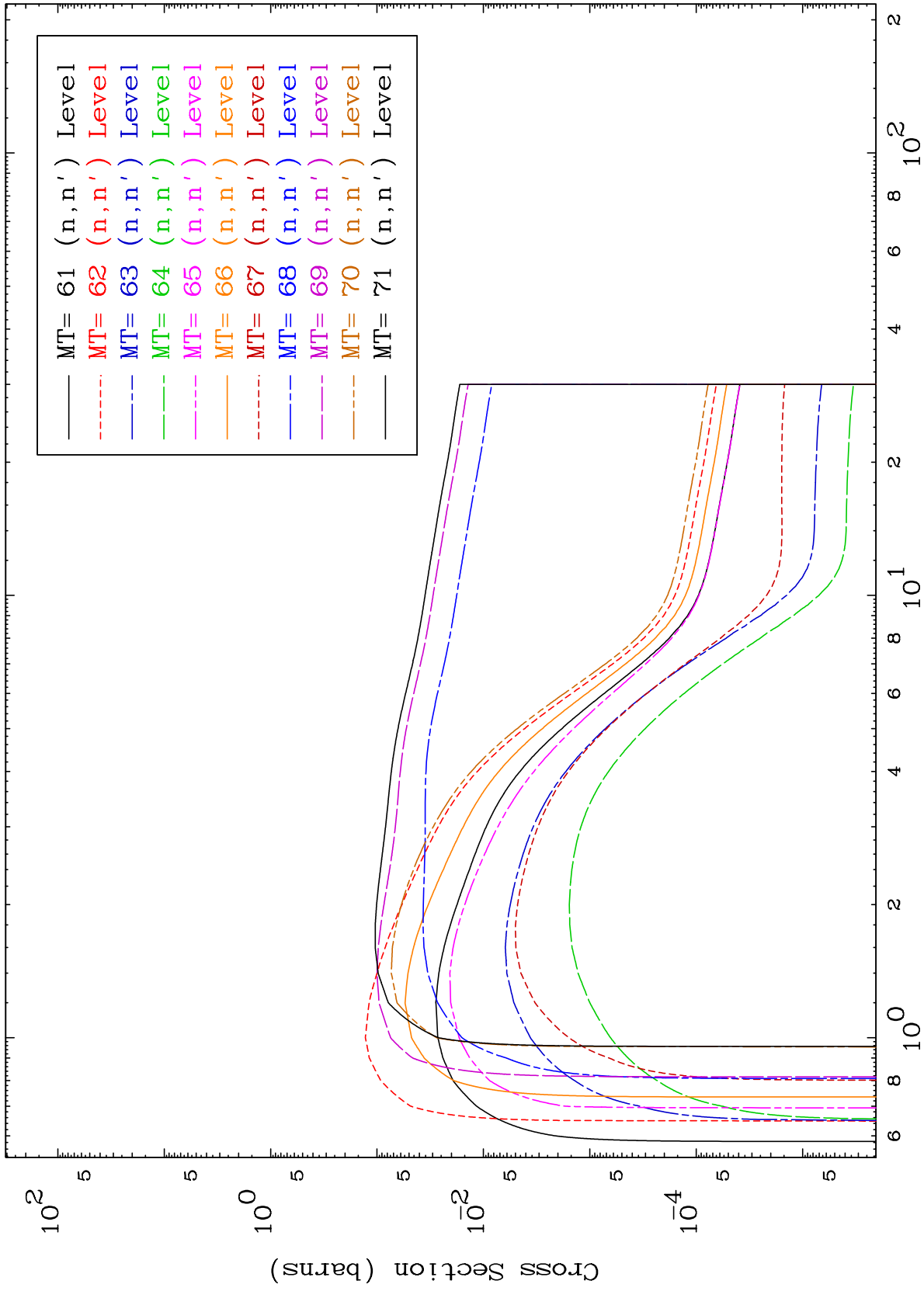


MAT 3422

(n,n') Level

34-Se-73

293 Kelvin Cross Sections



8

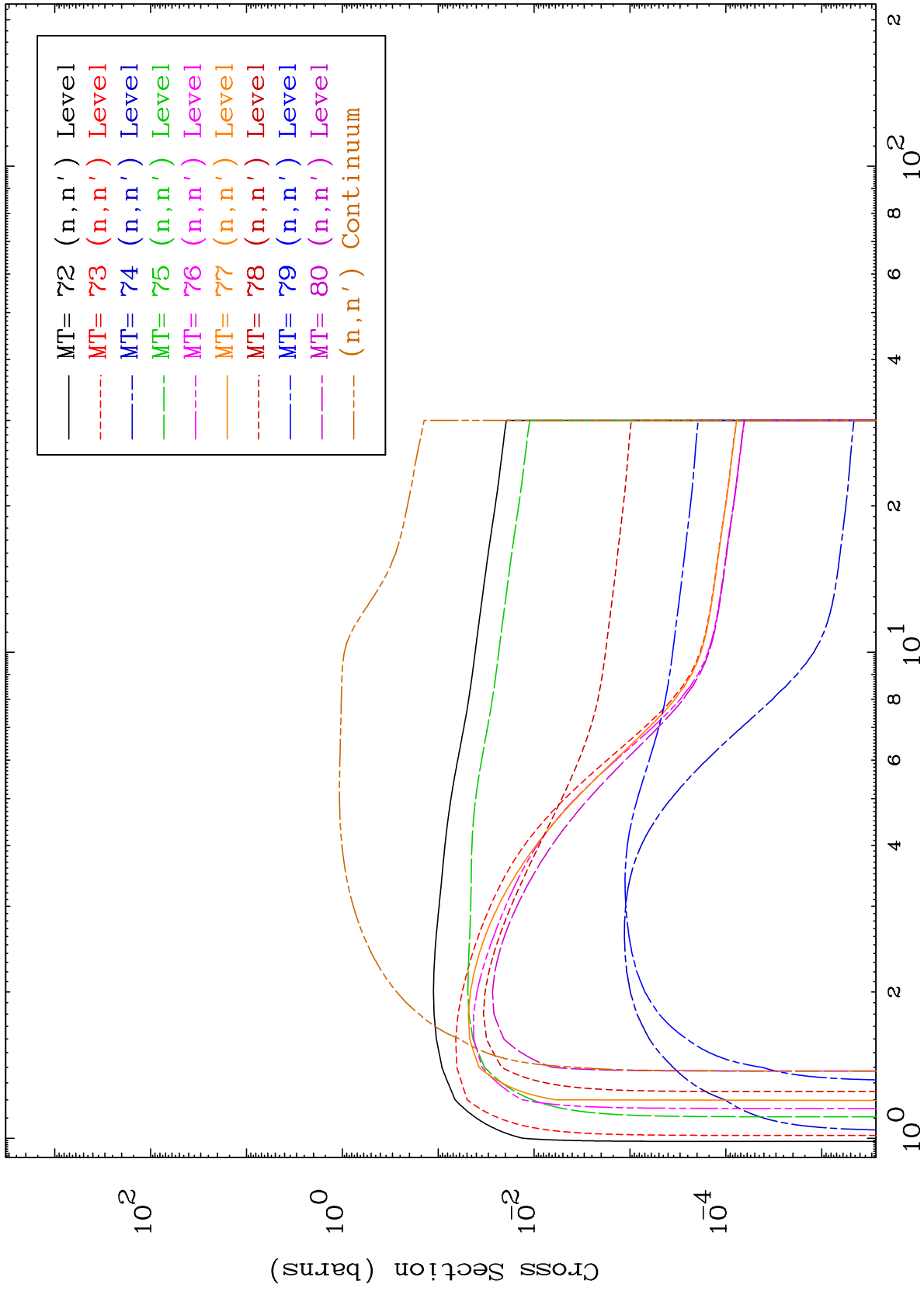
Incident Energy (MeV)

34-Se-73

MAT 3422

(n,n') Level
293 Kelvin Cross Sections

34-Se-73



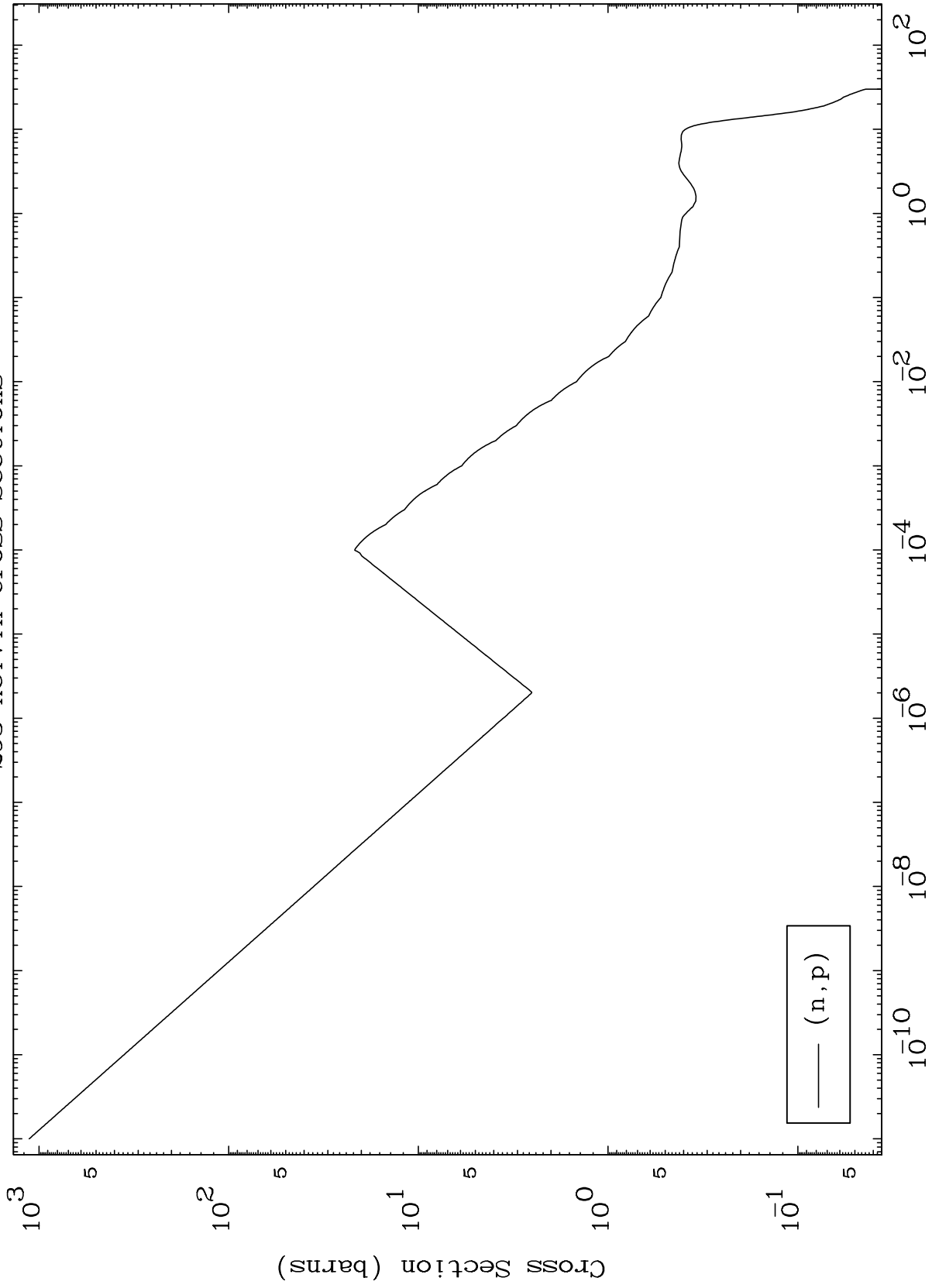
Incident Energy (MeV)

34-Se-73

MAT 3422

(n,p) Levels
293 Kelvin Cross Sections

34-Se-73



10

Incident Energy (MeV)

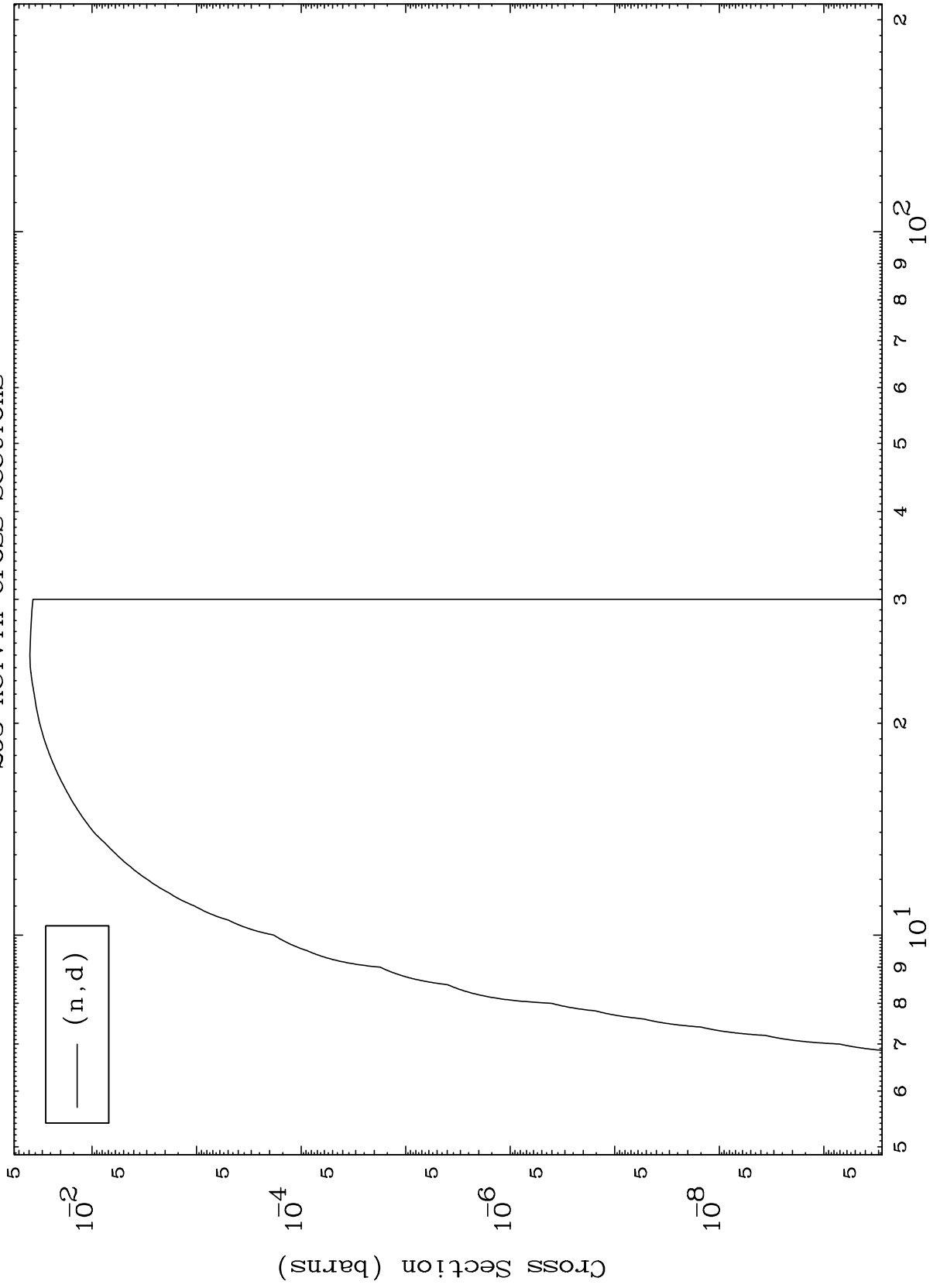
34-Se-73

(n,p)

MAT 3422

(n,d) Levels
293 Kelvin Cross Sections

34-Se-73



11

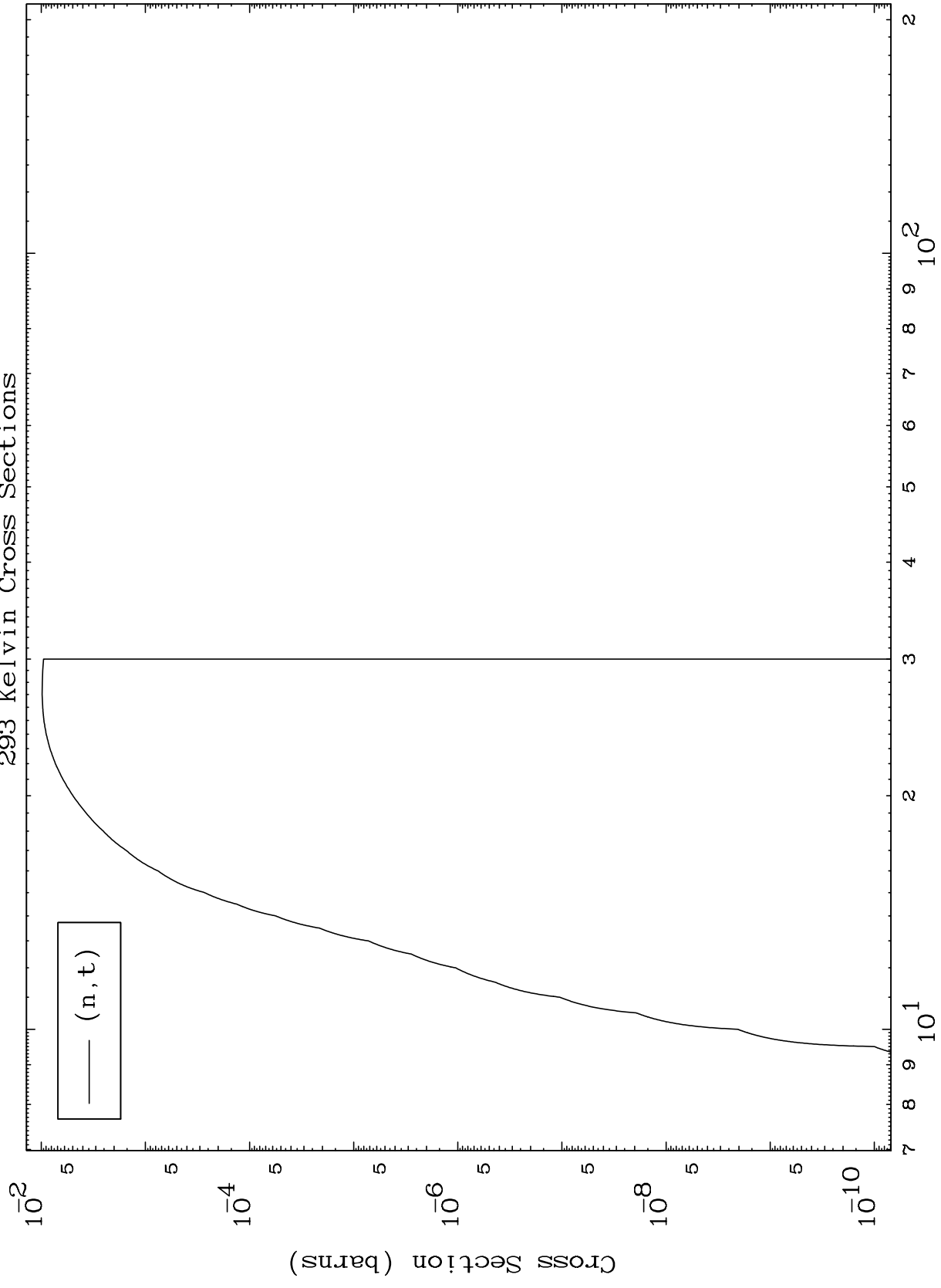
Incident Energy (MeV)

34-Se-73

MAT 3422

(n,t) Levels
293 Kelvin Cross Sections

34-Se-73



12

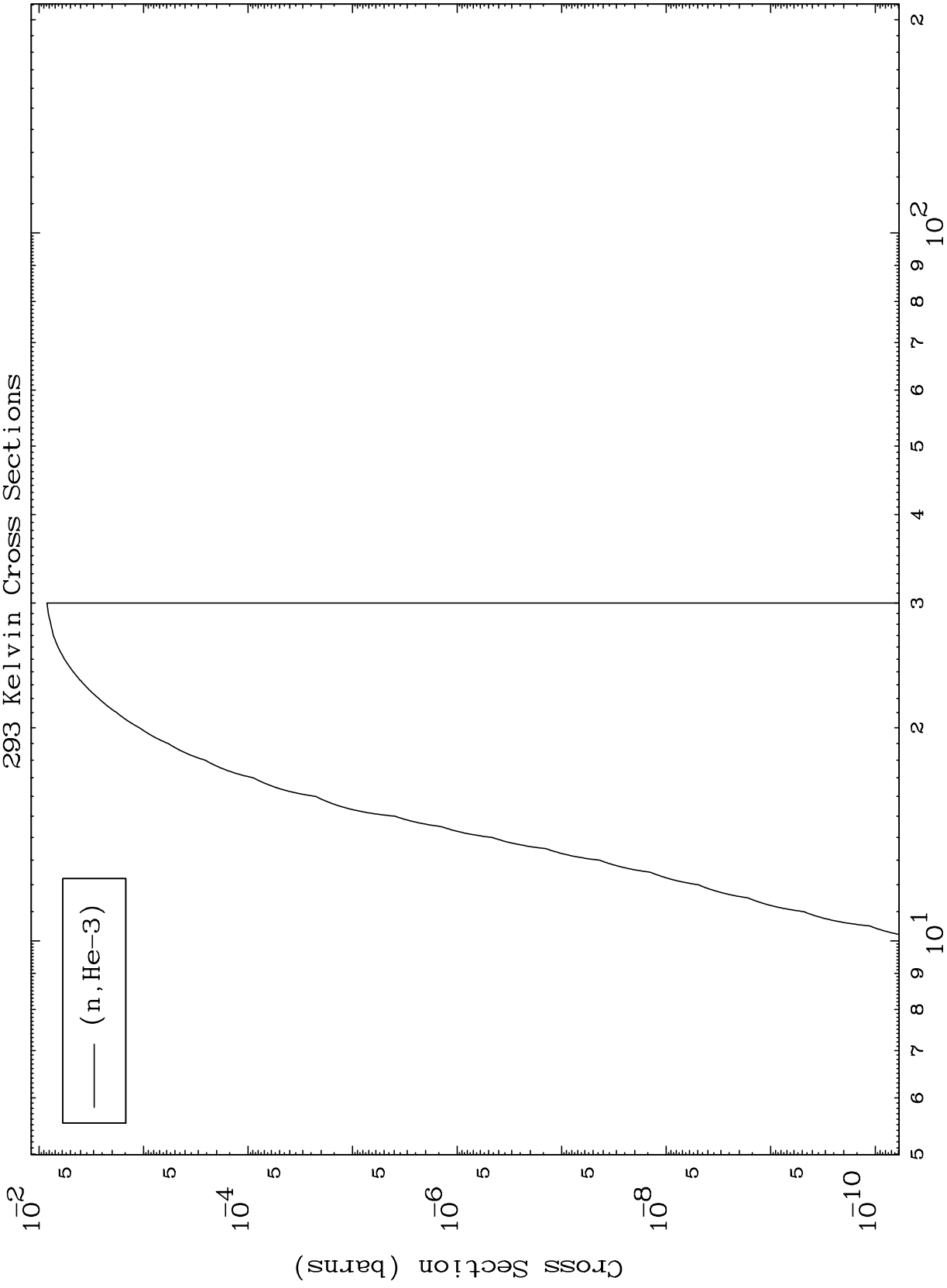
Incident Energy (MeV)

34-Se-73

MAT 3422

34-Se-73

(n,He3) Levels
293 Kelvin Cross Sections



13

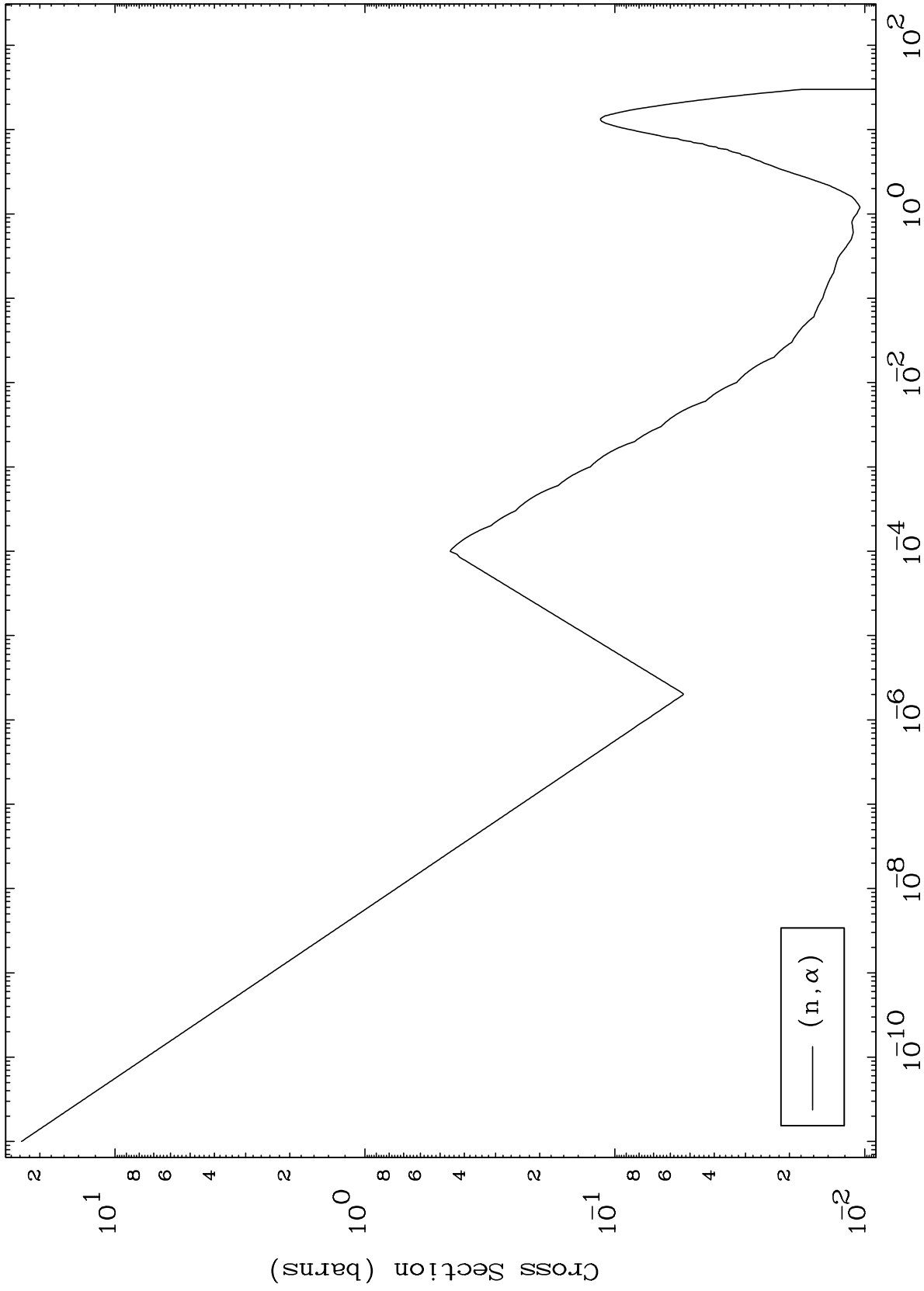
Incident Energy (MeV)

34-Se-73

MAT 3422

(n, α) Levels
293 Kelvin Cross Sections

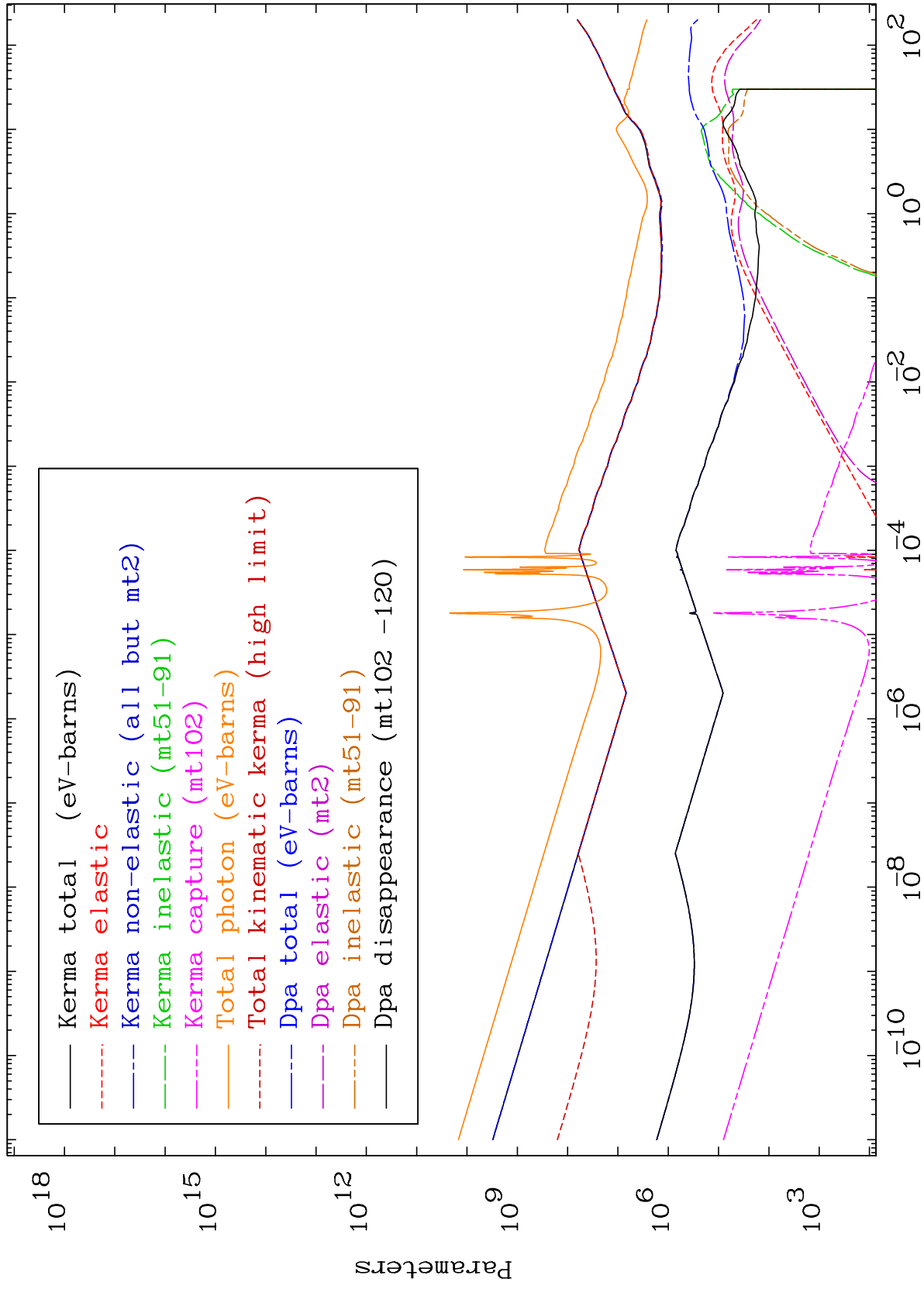
34-Se-73



14

Incident Energy (MeV)

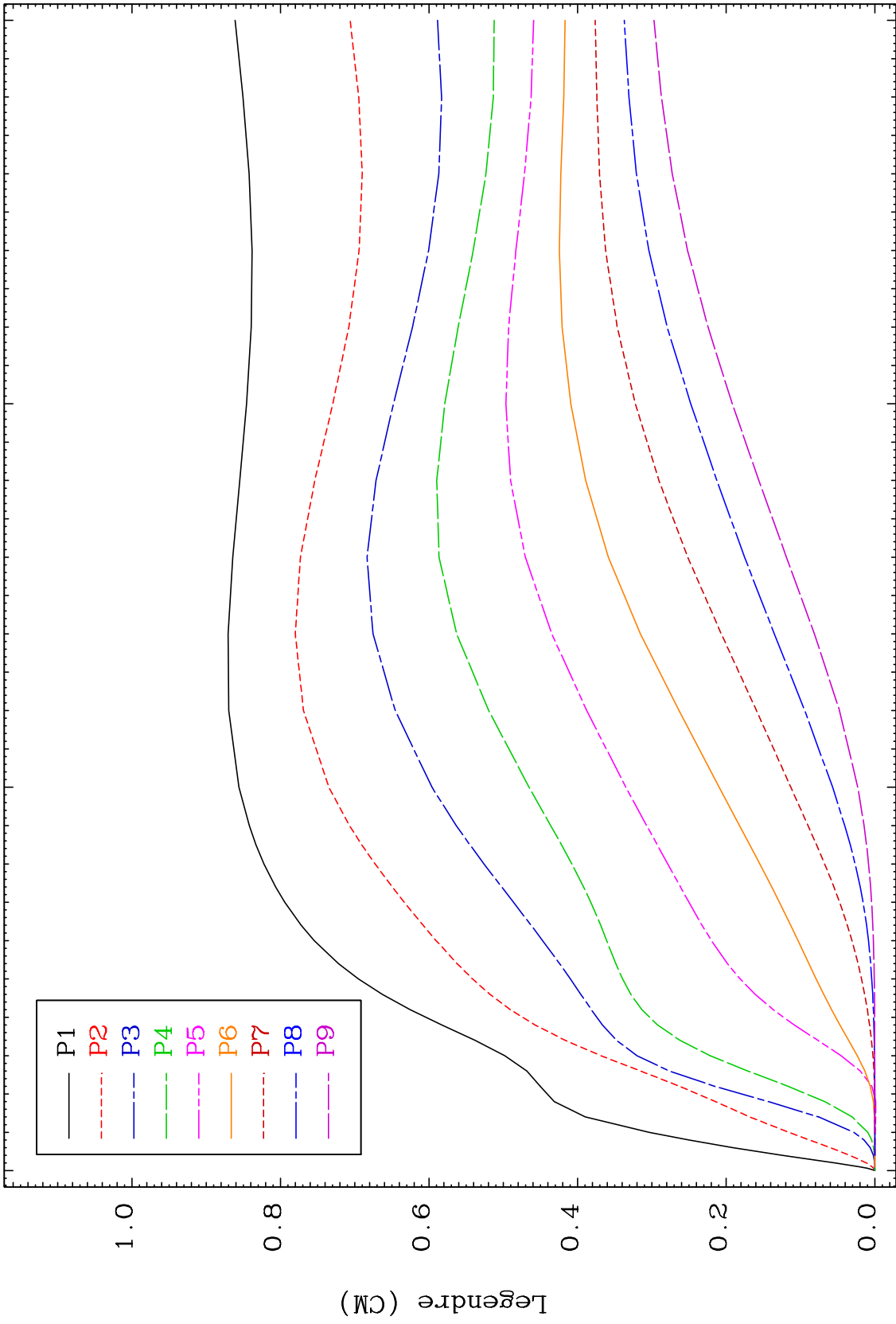
34-Se-73



MAT 3422

Elastic Legendre Coefficients

³⁴Se-73



16

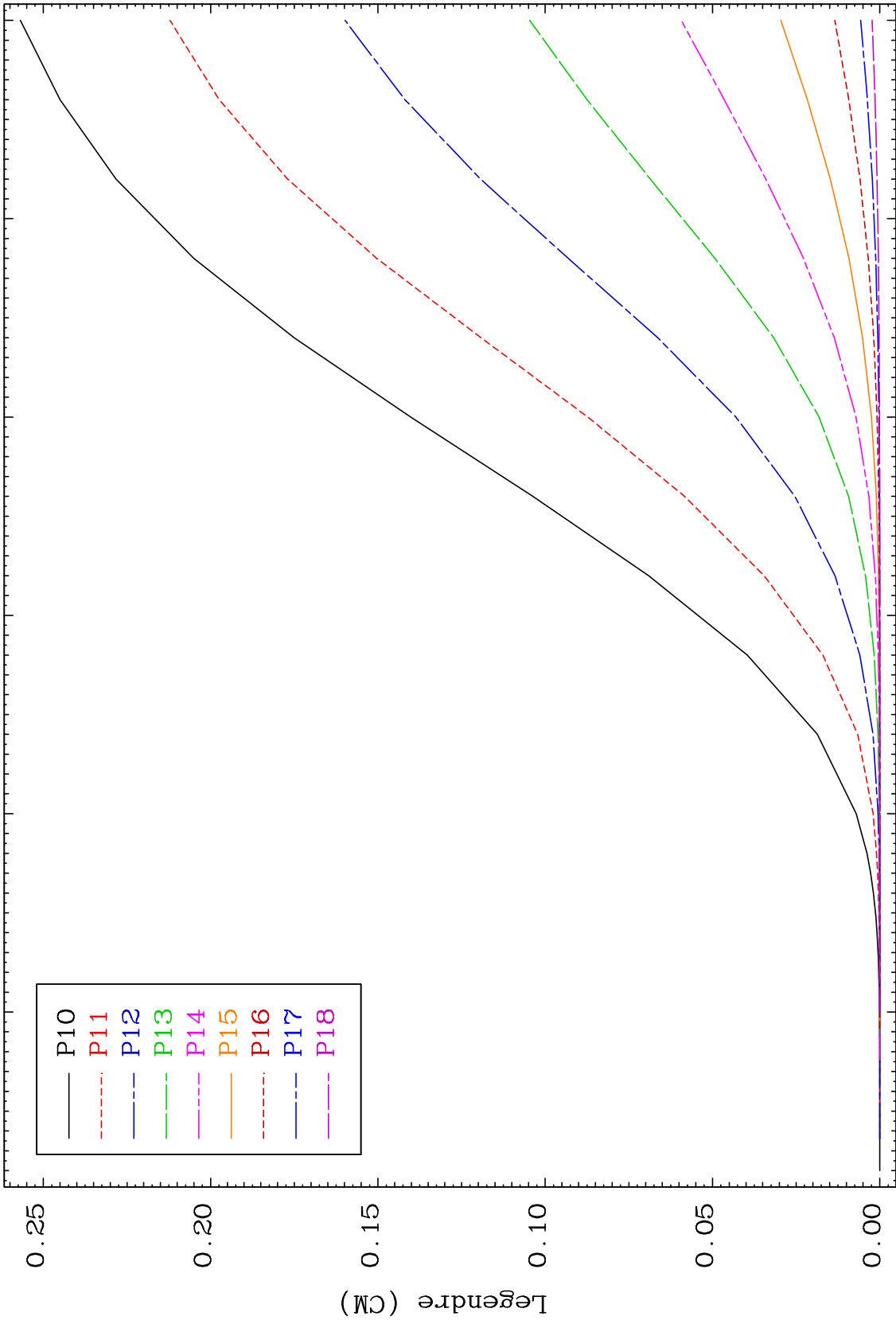
Incident Energy (MeV)

³⁴Se-73

MAT 3422

Elastic Legendre Coefficients

³⁴Se-73



17

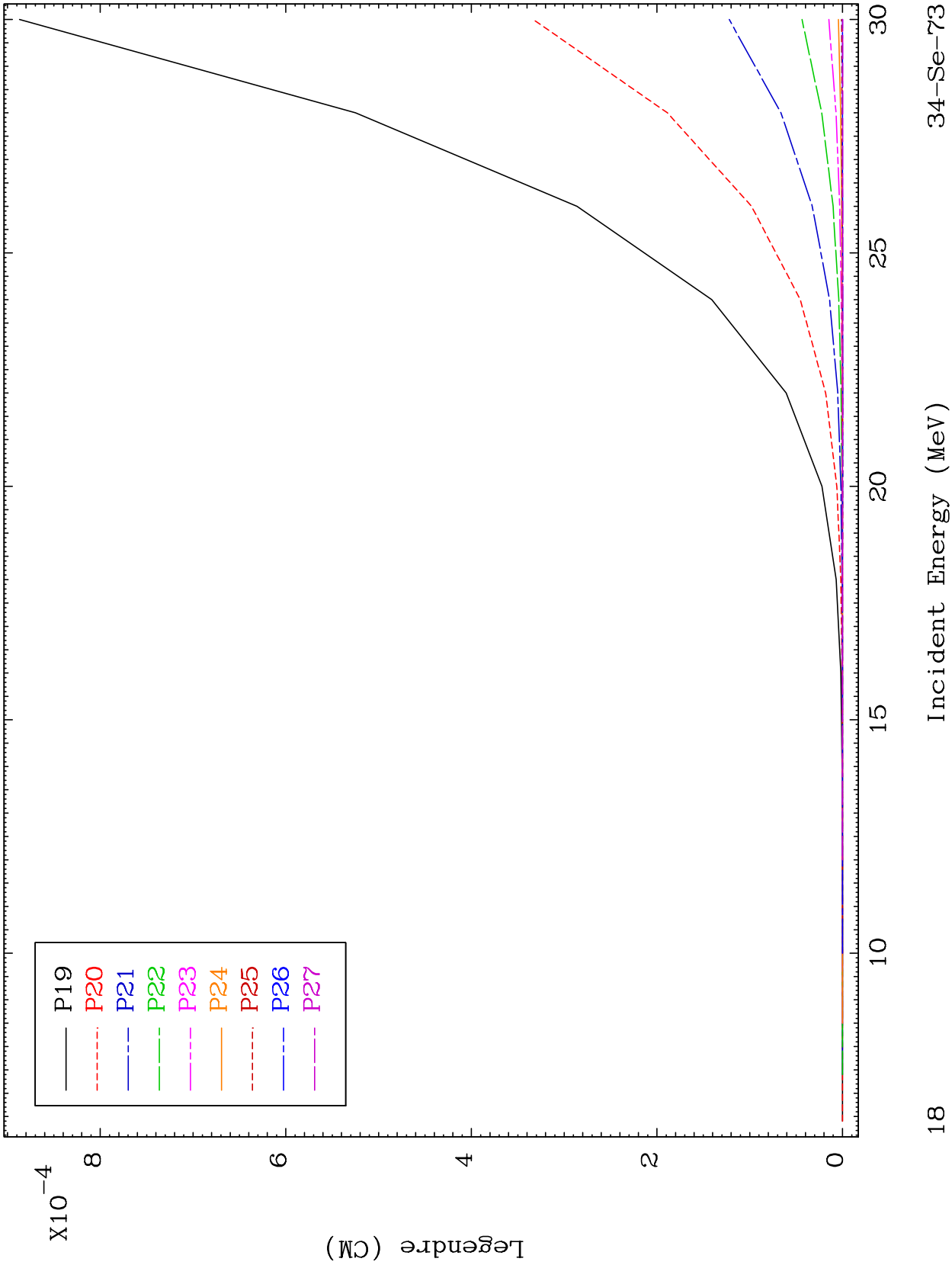
Incident Energy (MeV)

³⁴Se-73

MAT 3422

Elastic Legendre Coefficients

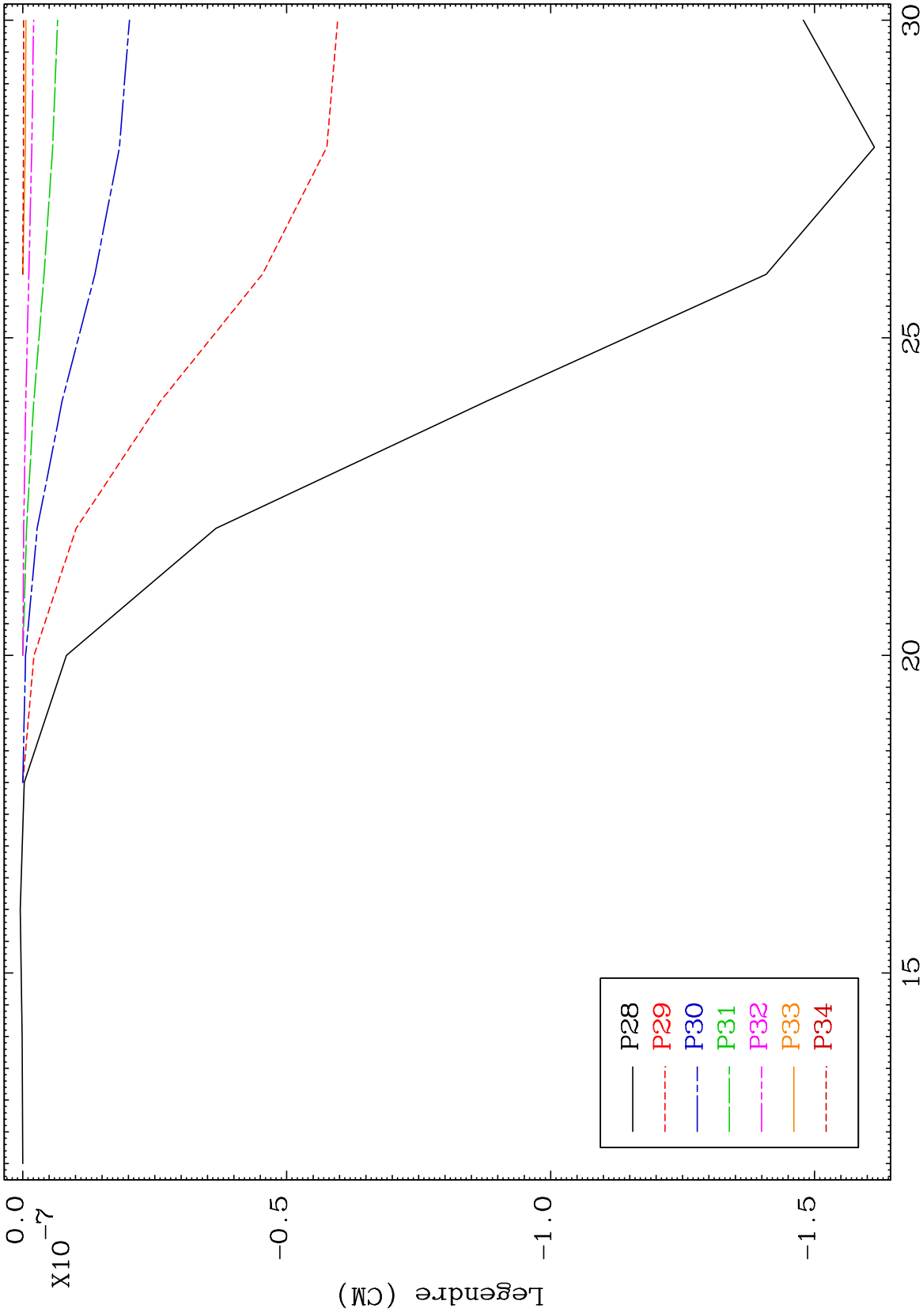
³⁴Se-73



MAT 3422

34-Se-73

Elastic
Legendre Coefficients



19

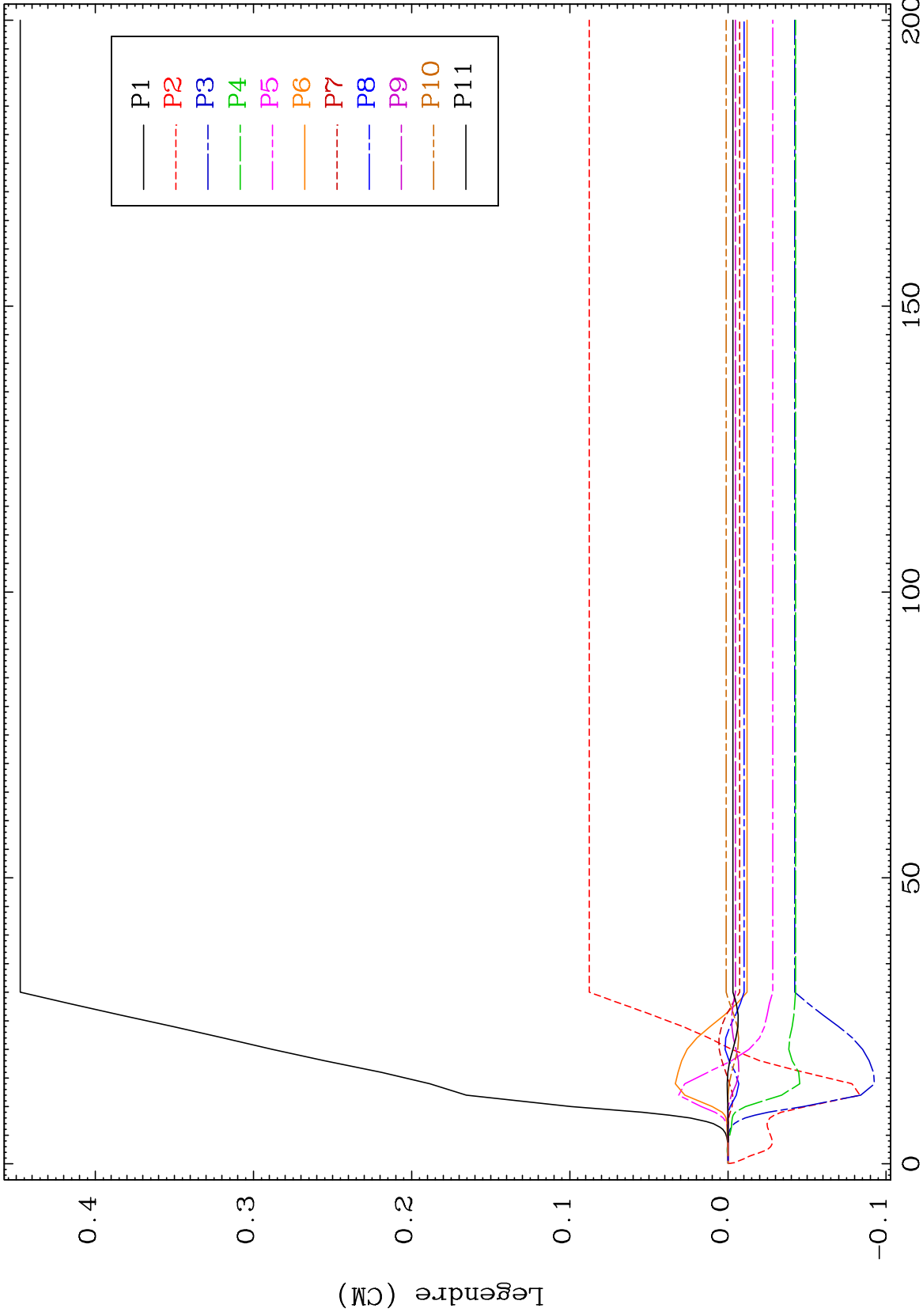
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



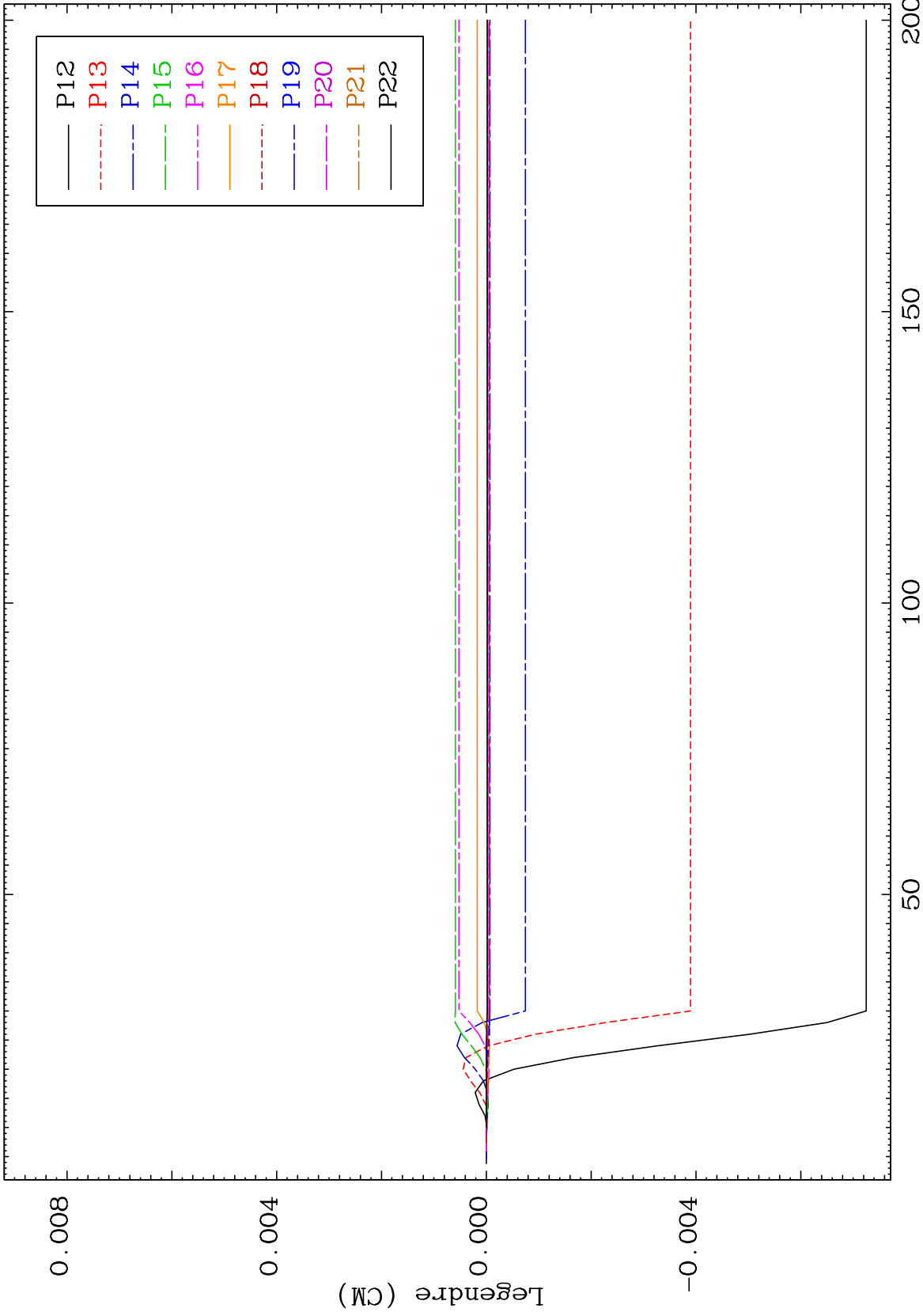
³⁴Se-73

Incident Energy (MeV)

MAT 3422

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

³⁴Se-73



21

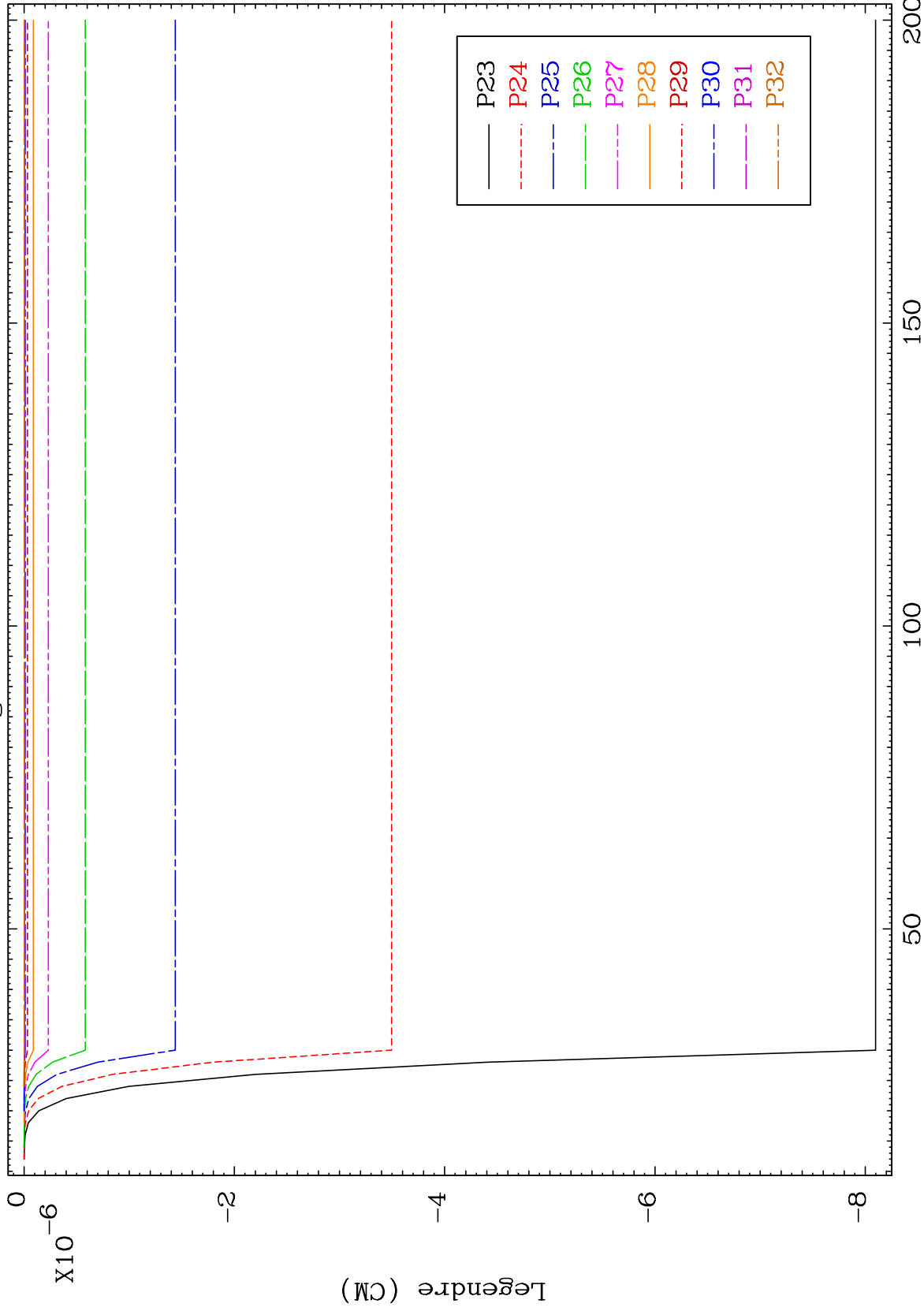
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



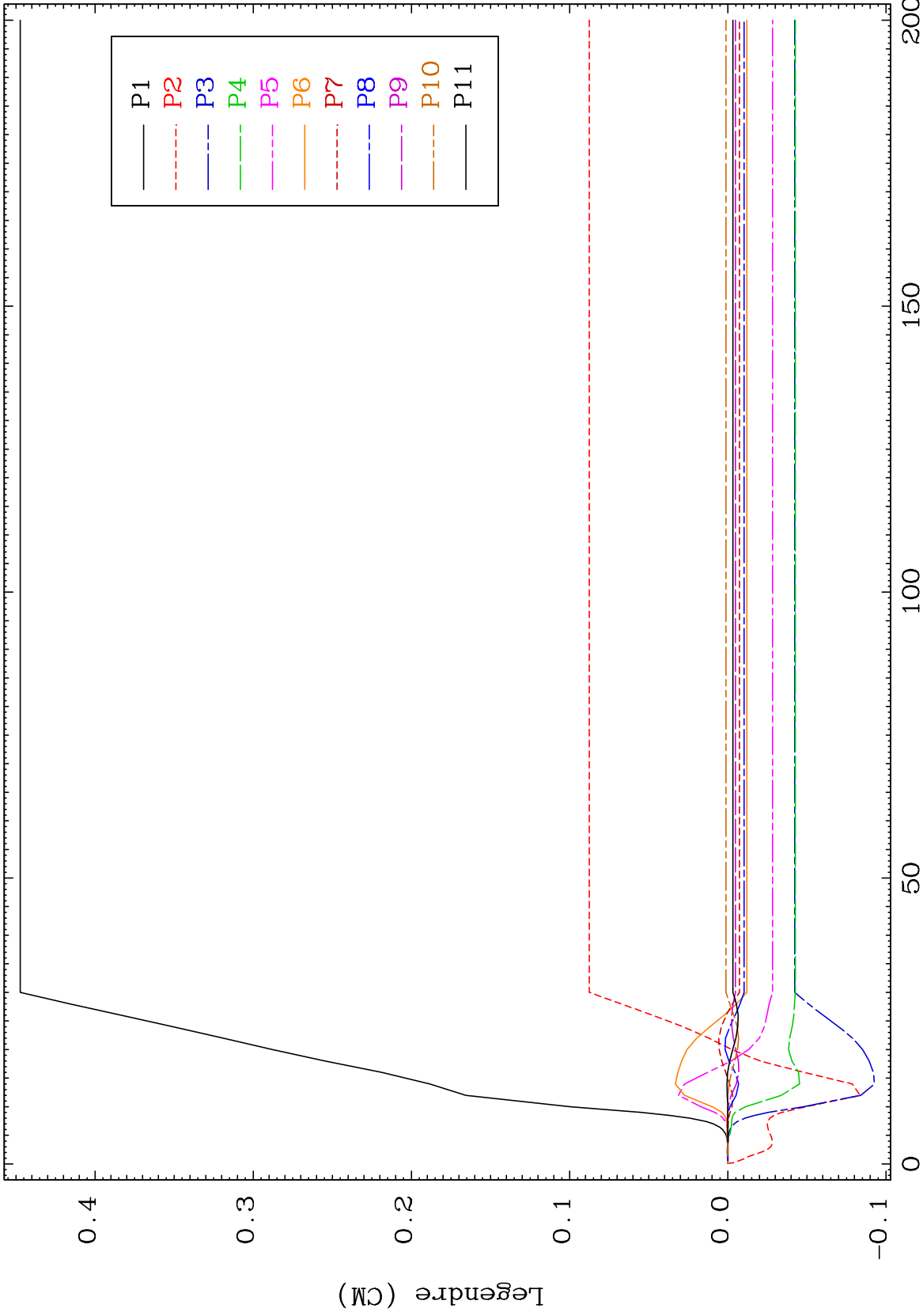
22

34-Se-73

MAT 3422

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

³⁴Se-73



23

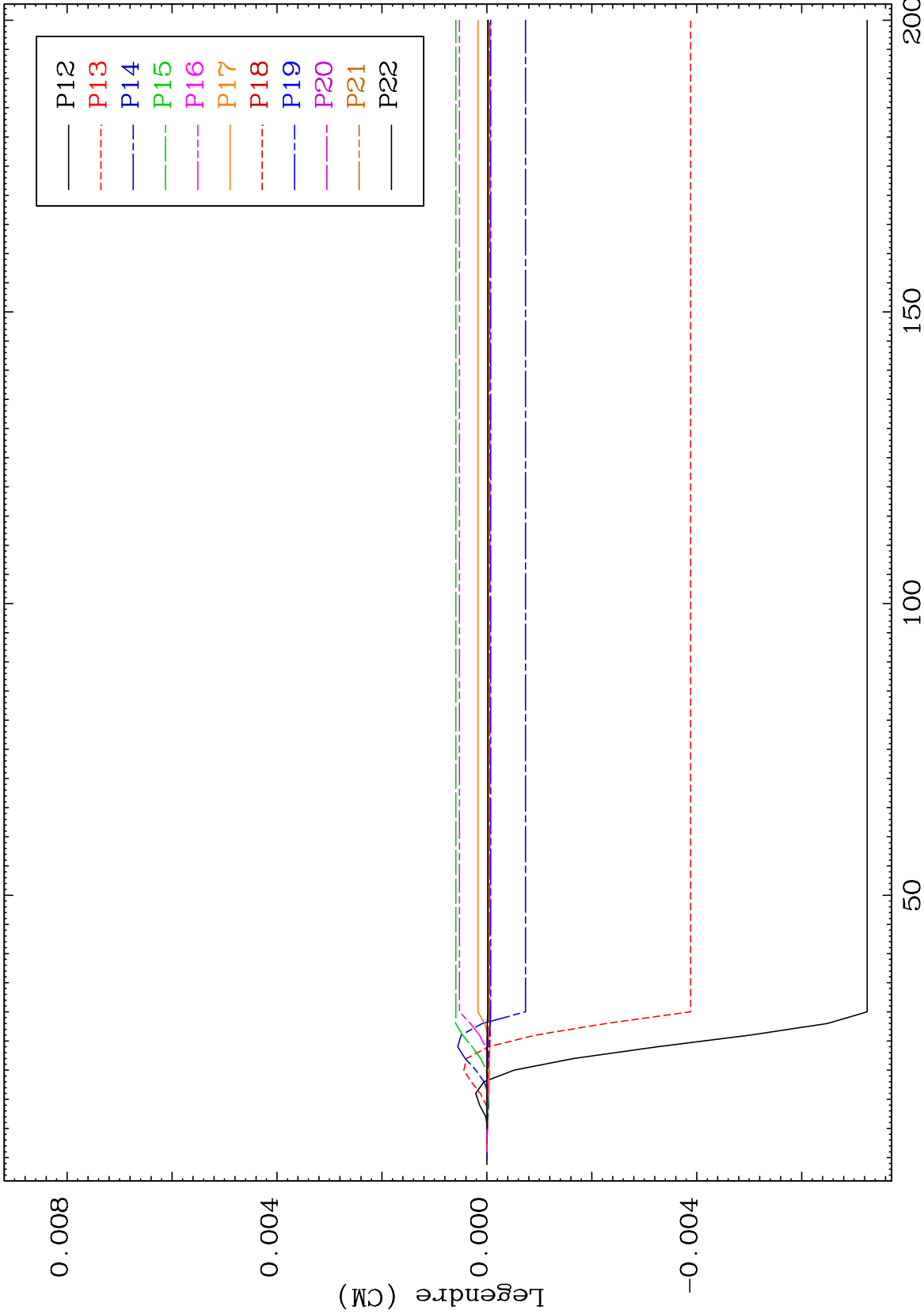
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



24

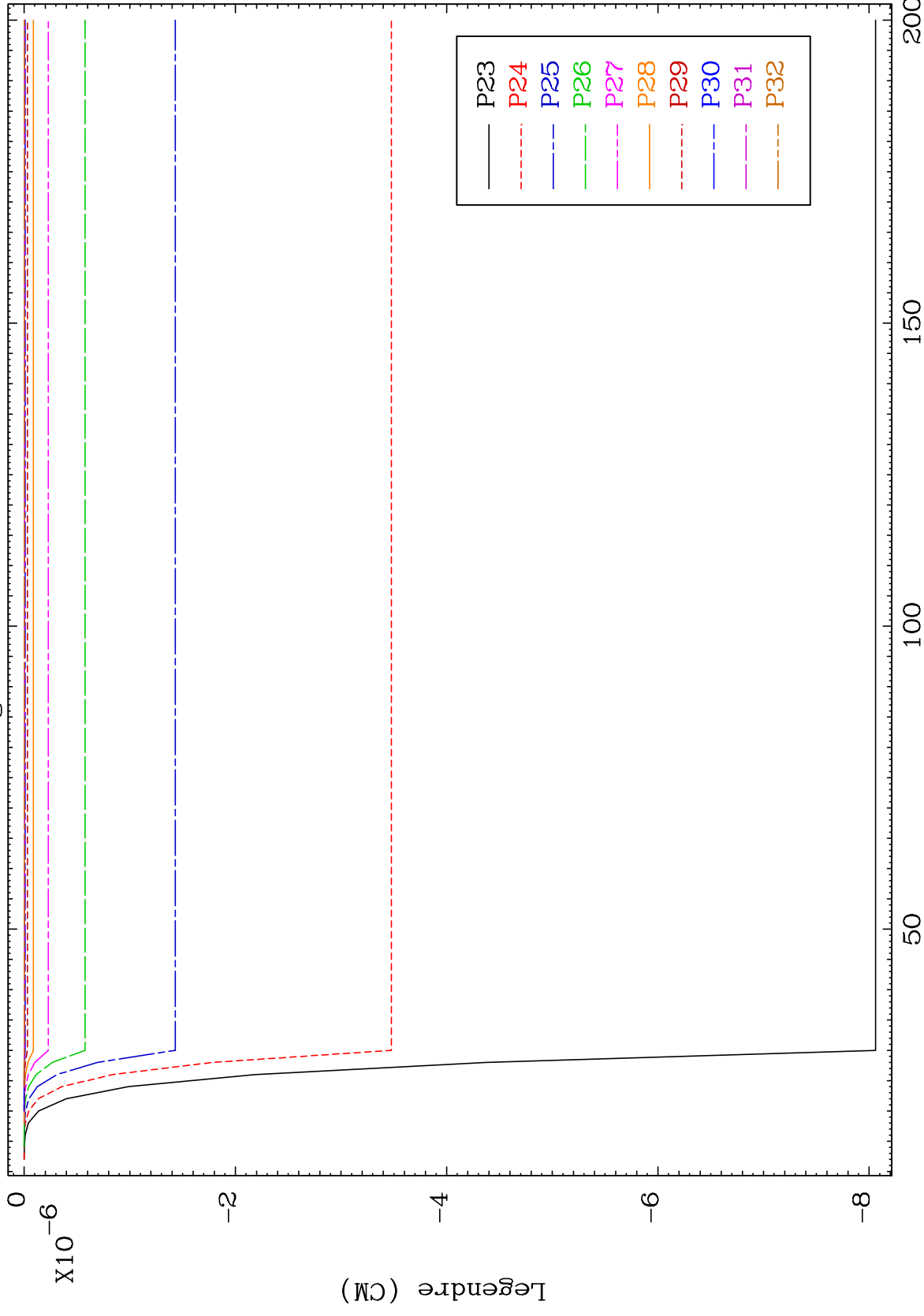
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



34-Se-73

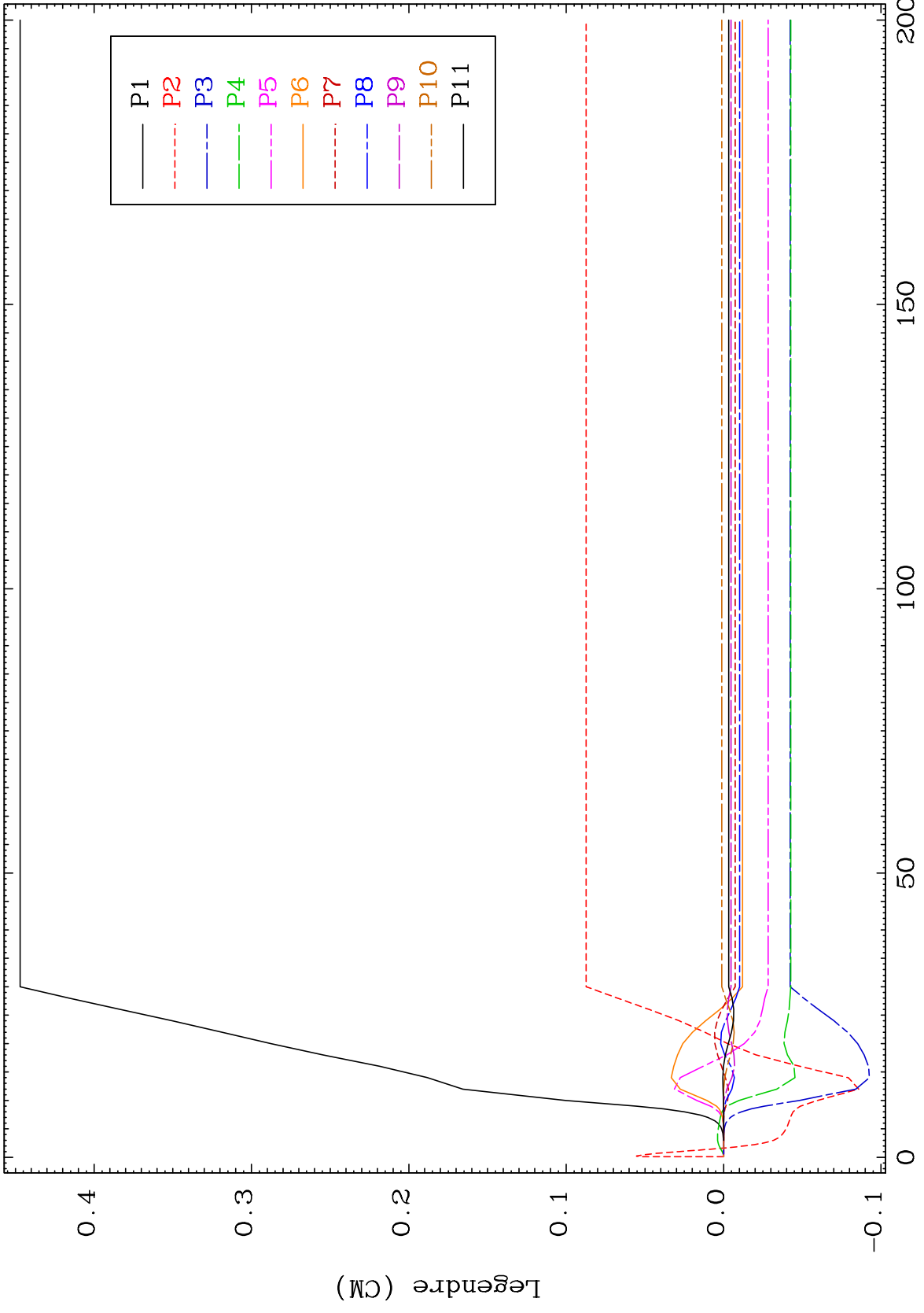
Incident Energy (MeV)

25

MAT 3422

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

³⁴Se-73



26

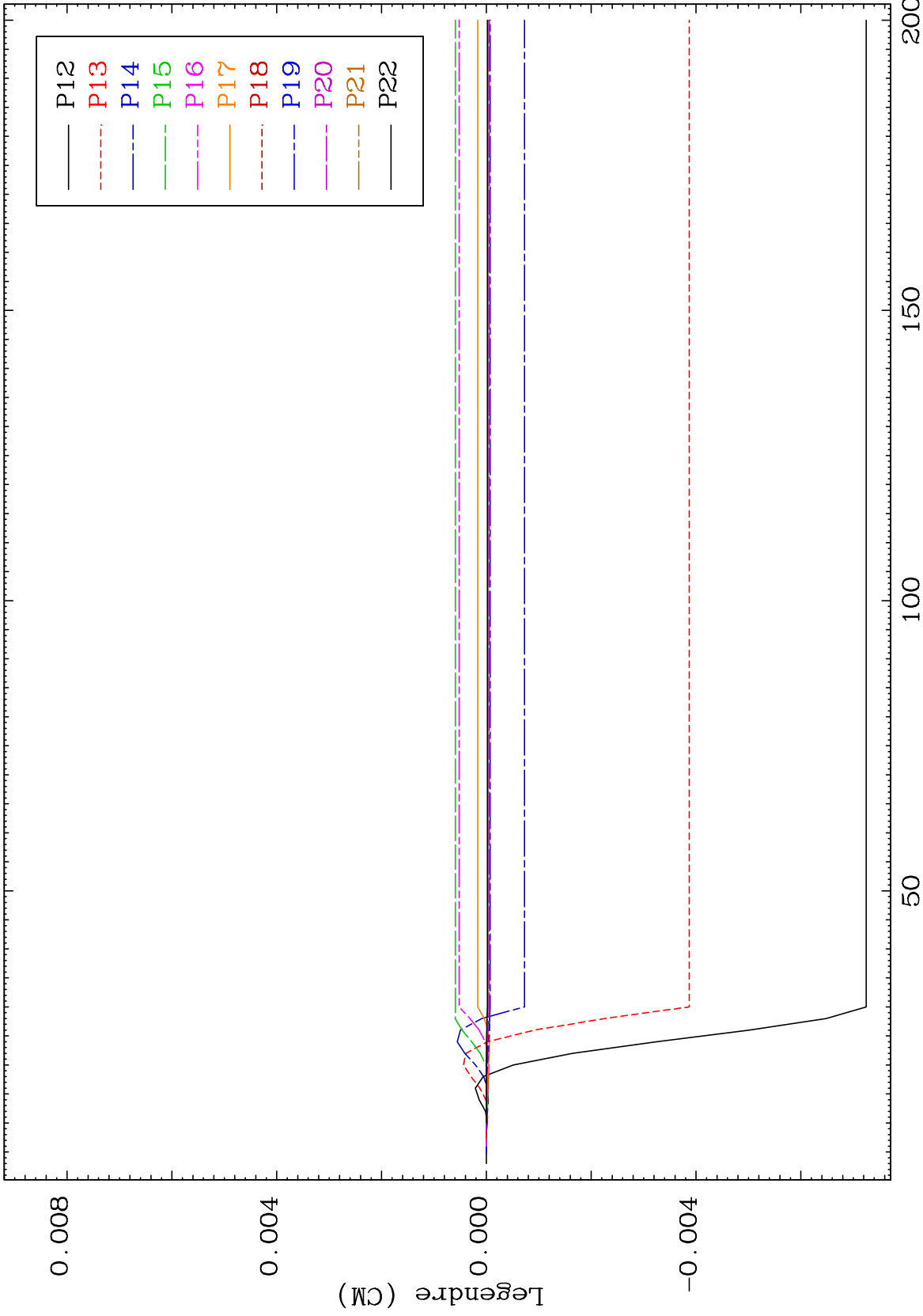
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



27

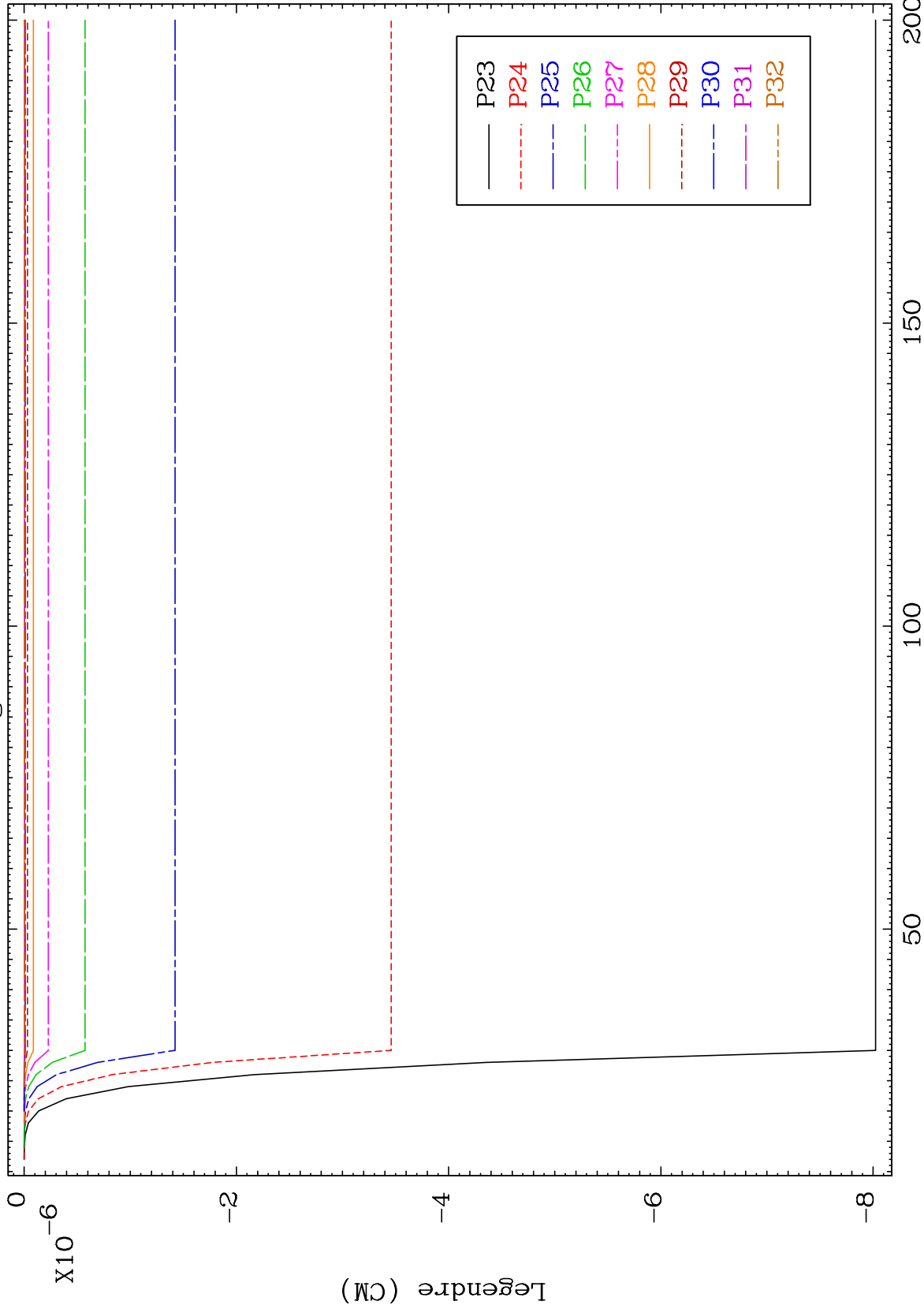
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



28

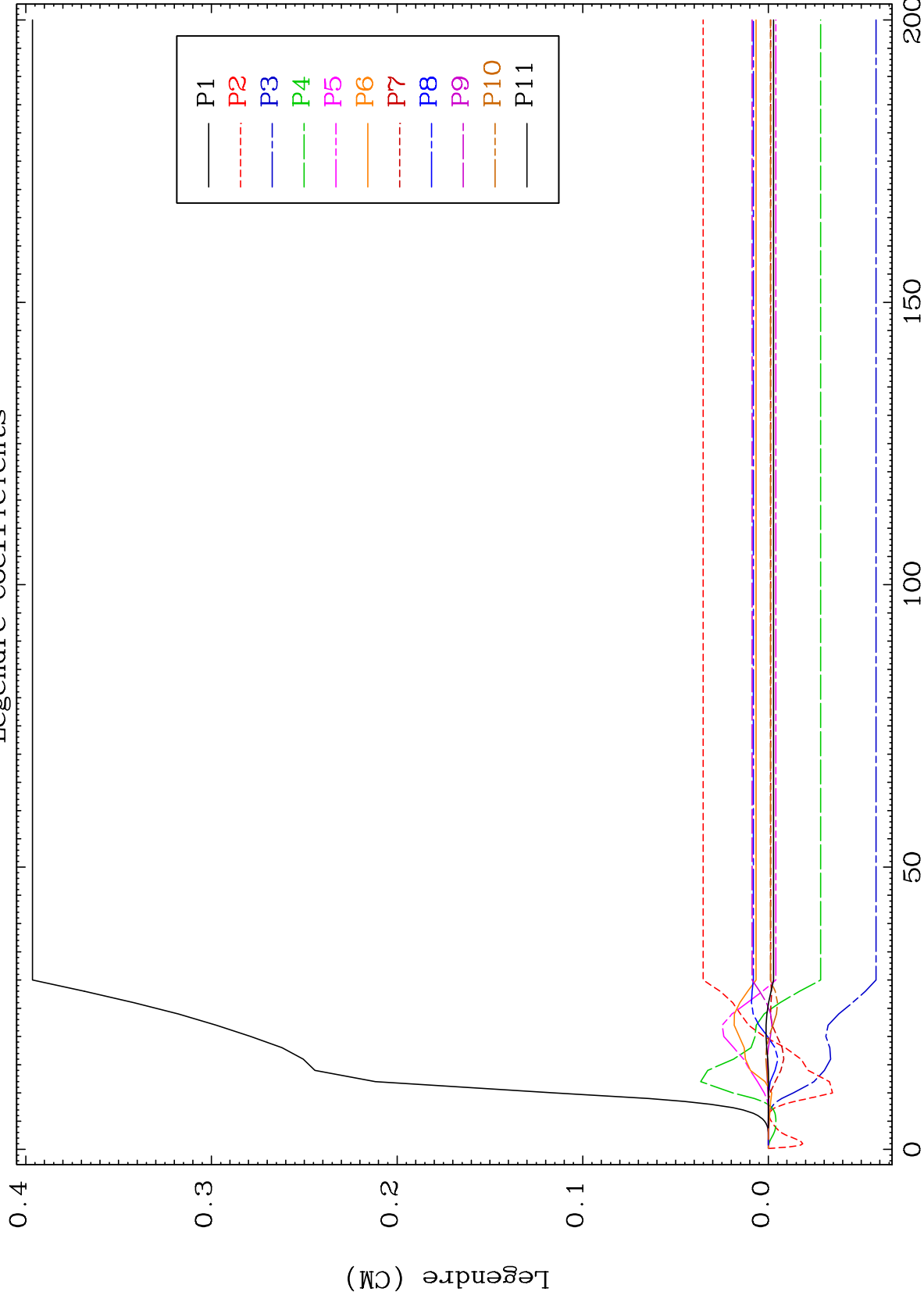
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



29

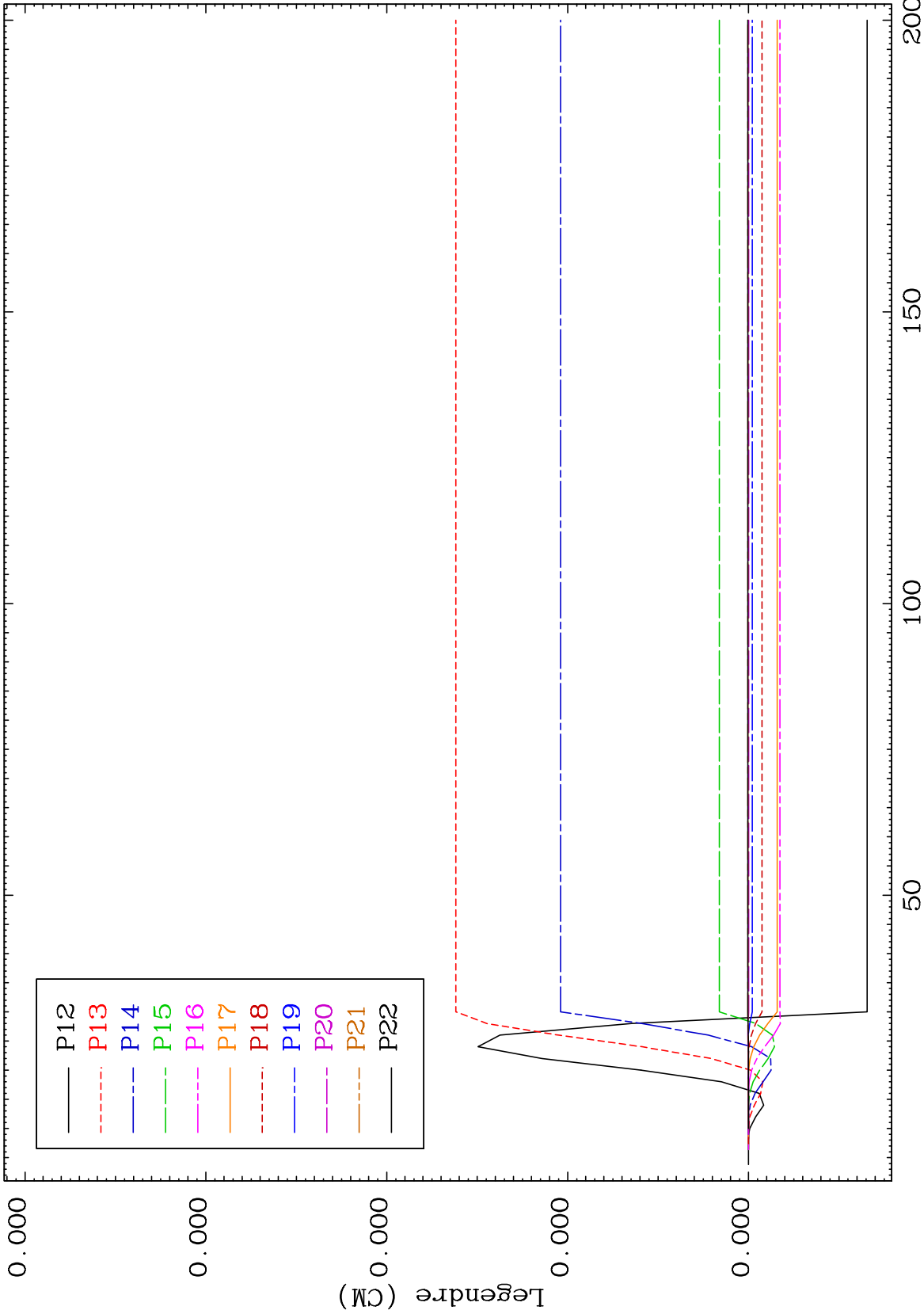
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



30

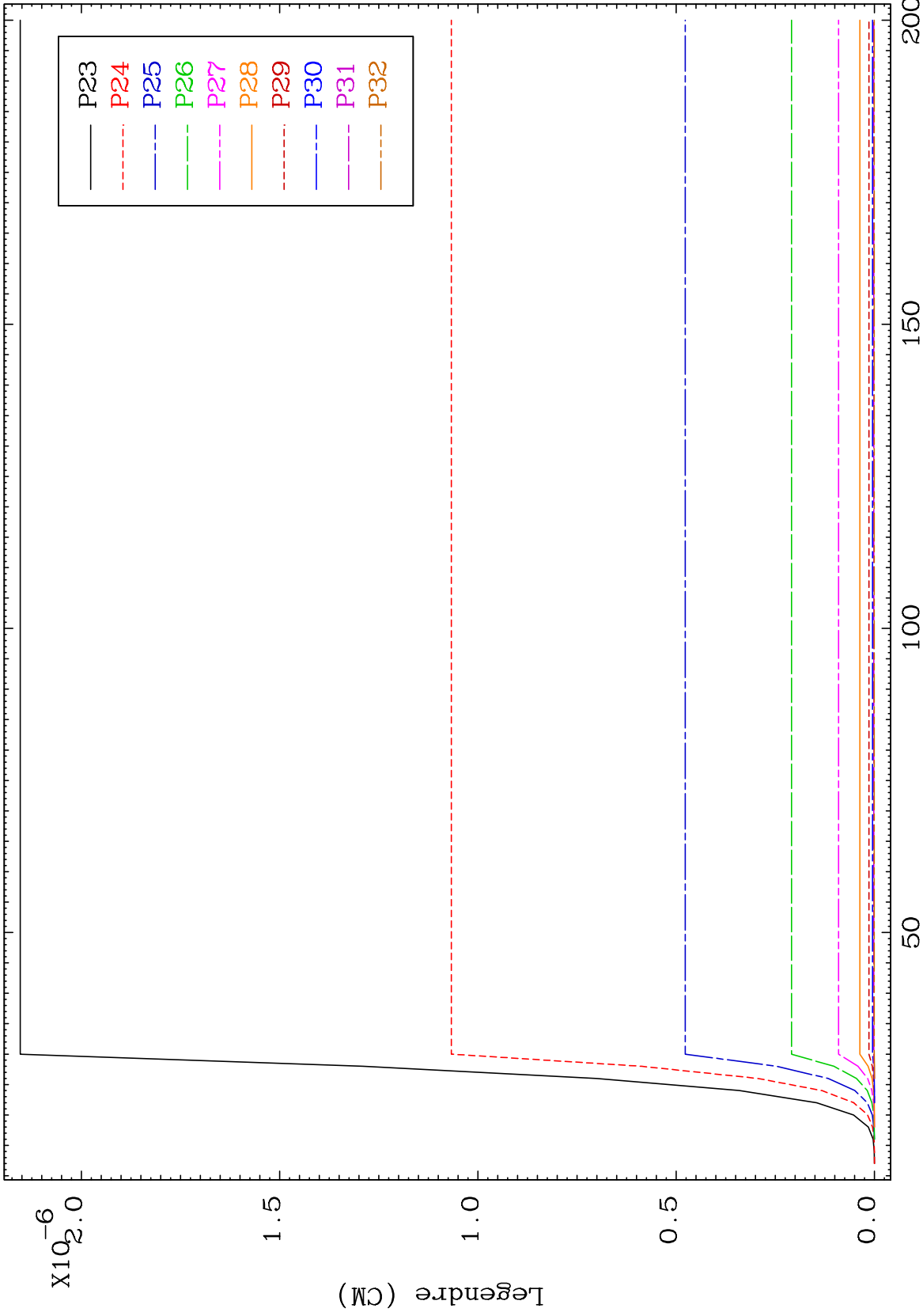
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



31

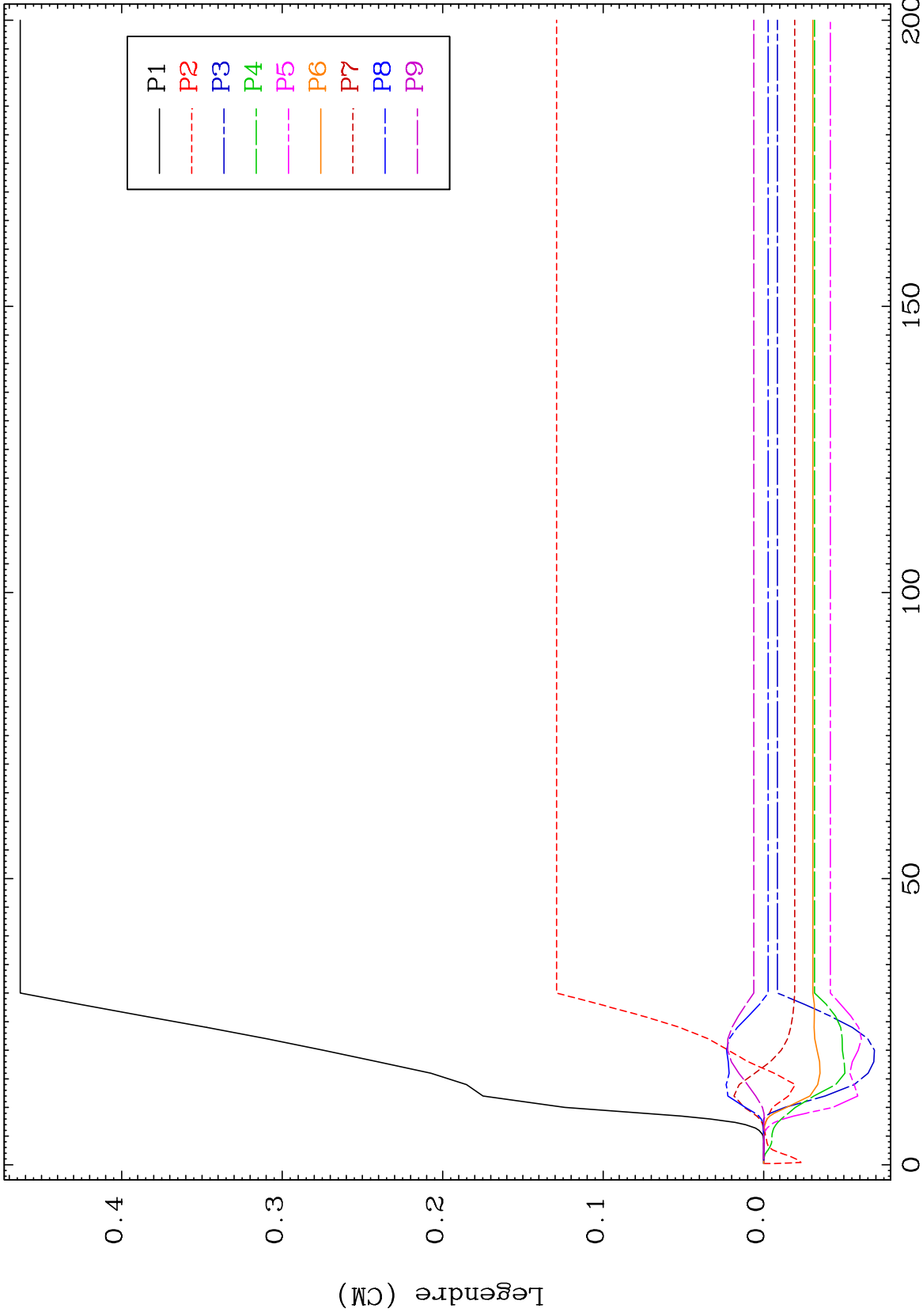
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



32

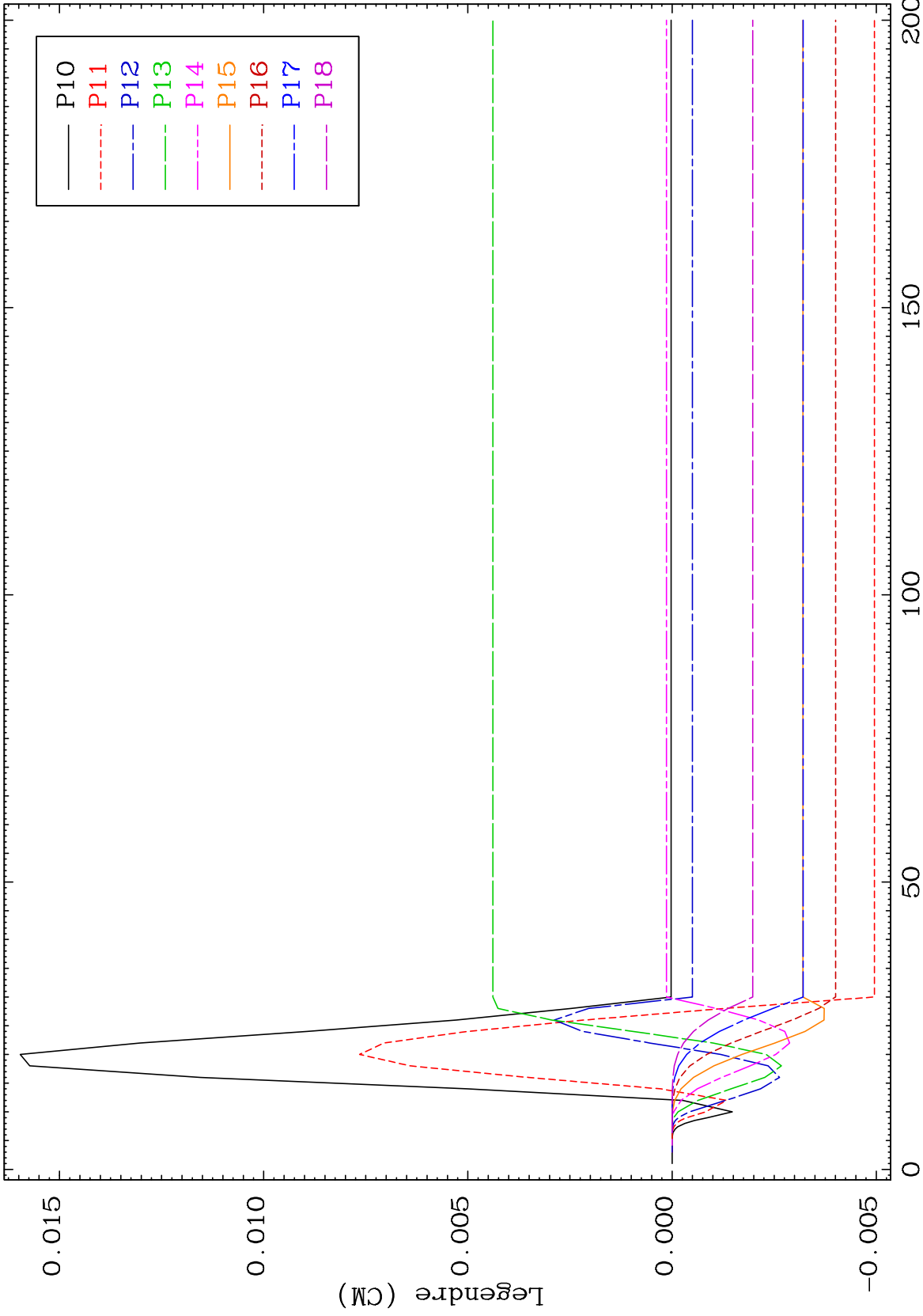
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



33

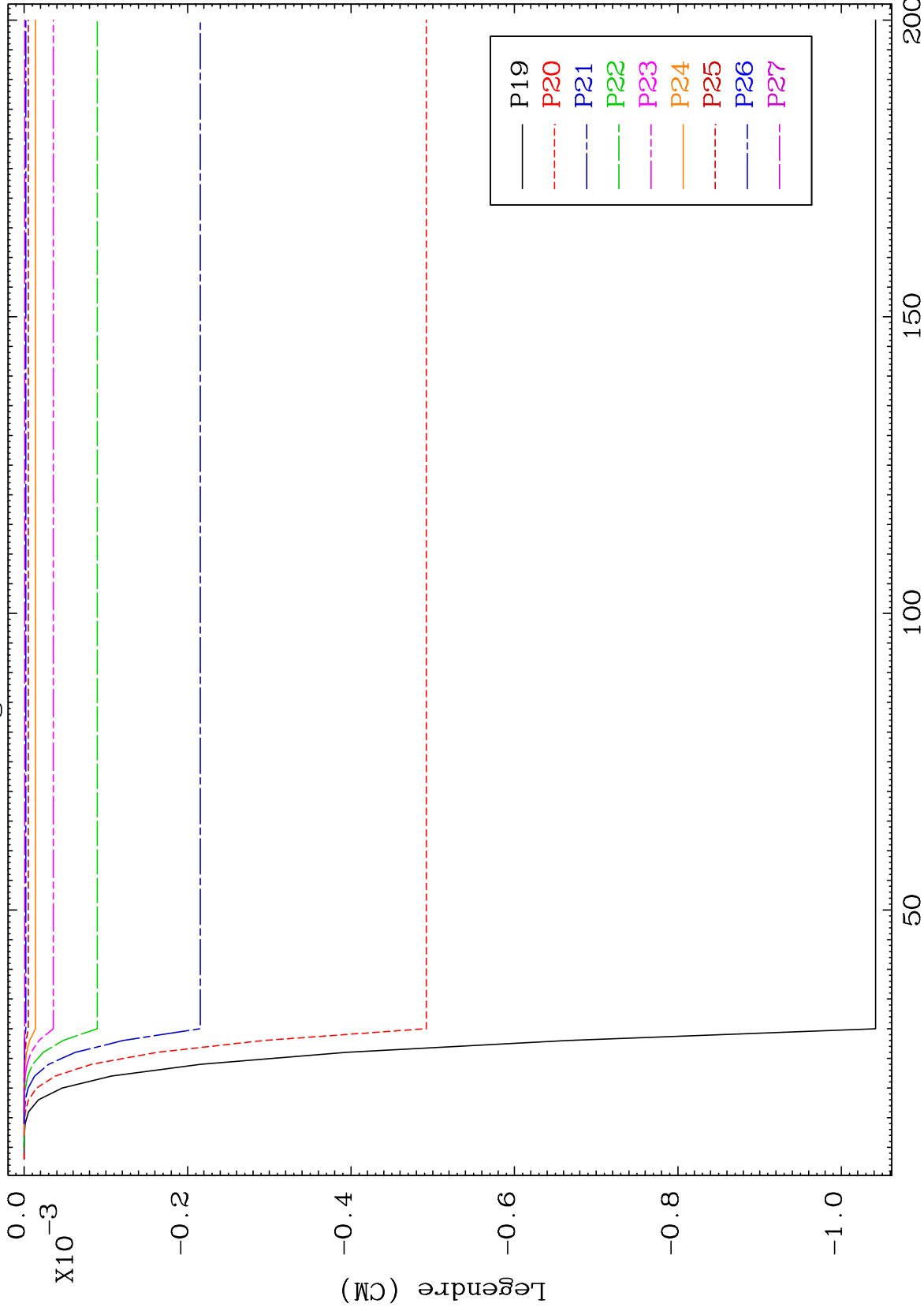
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



34-Se-73

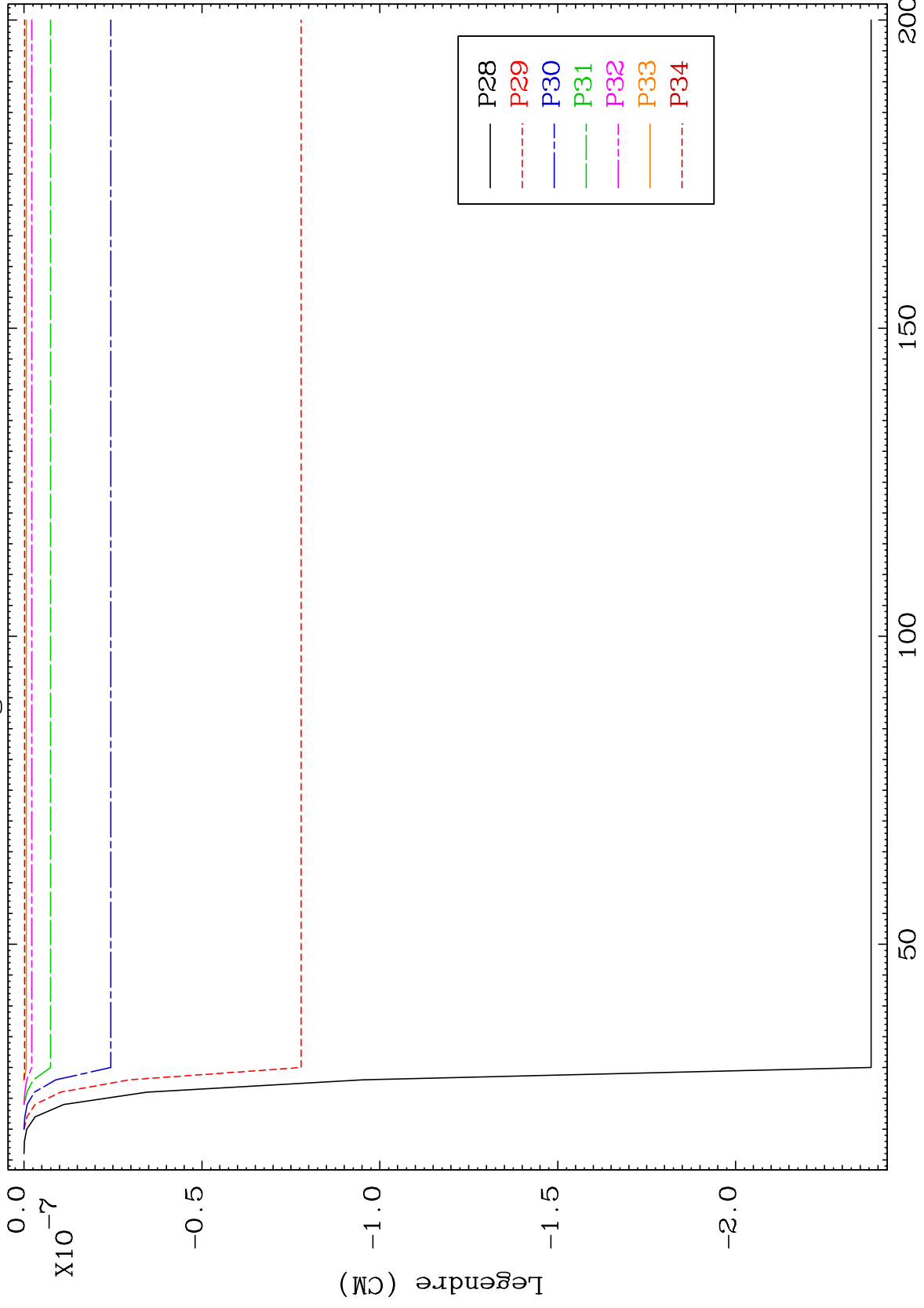
Incident Energy (MeV)

34

MAT 3422

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

34-Se-73



34-Se-73

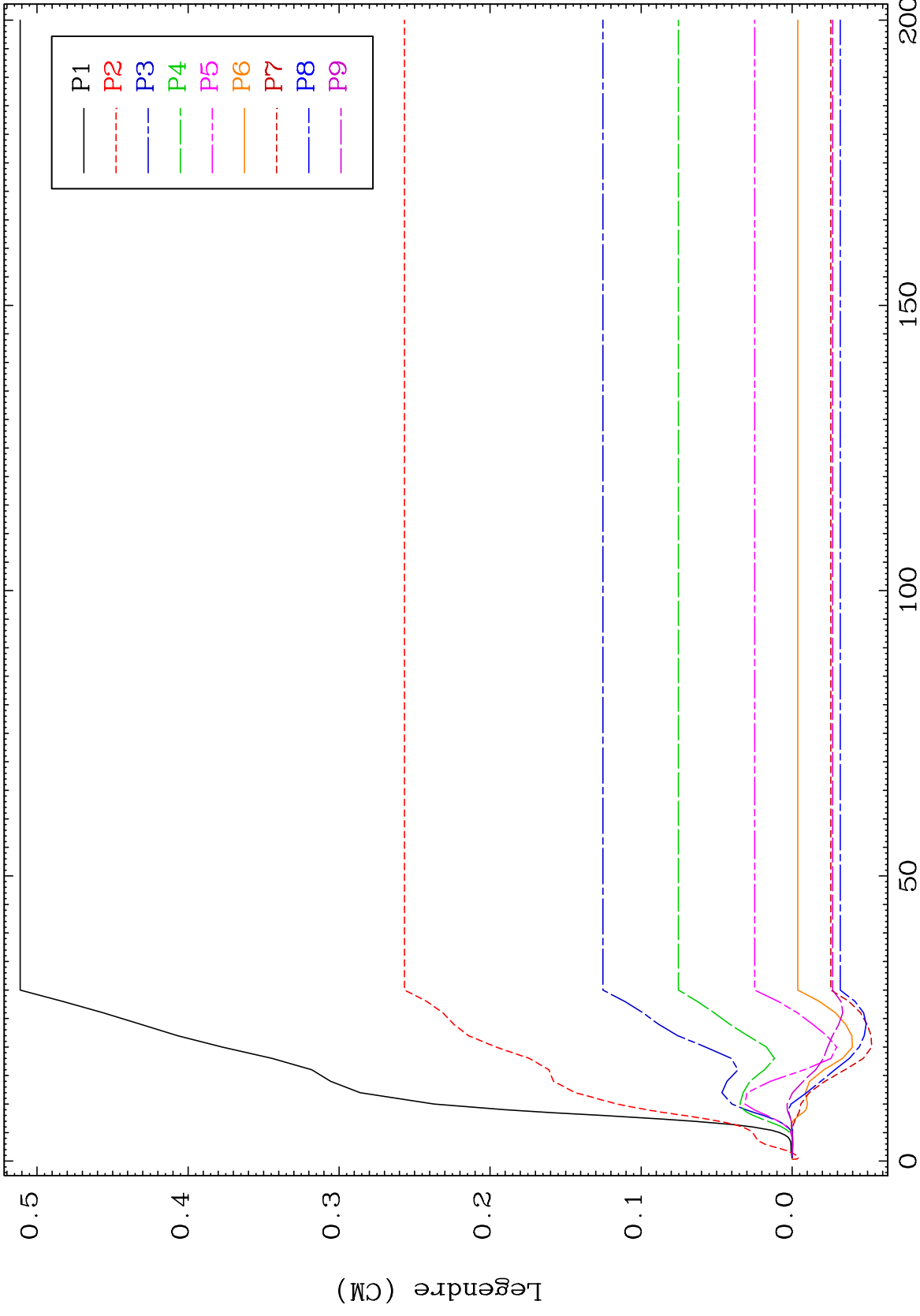
Incident Energy (MeV)

35

MAT 3422

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

34-Se-73

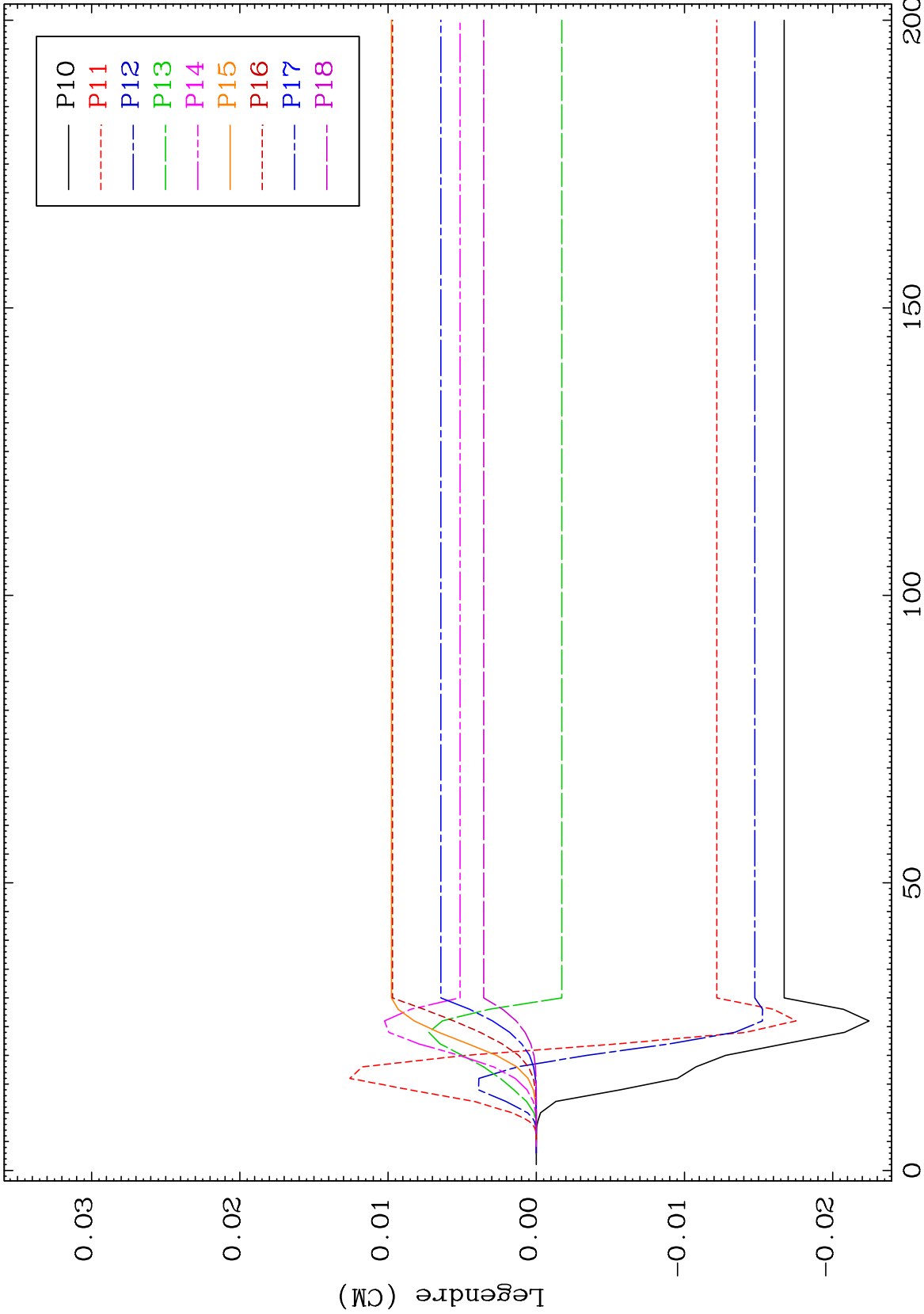


36

MAT 3422

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

³⁴Se-73



37

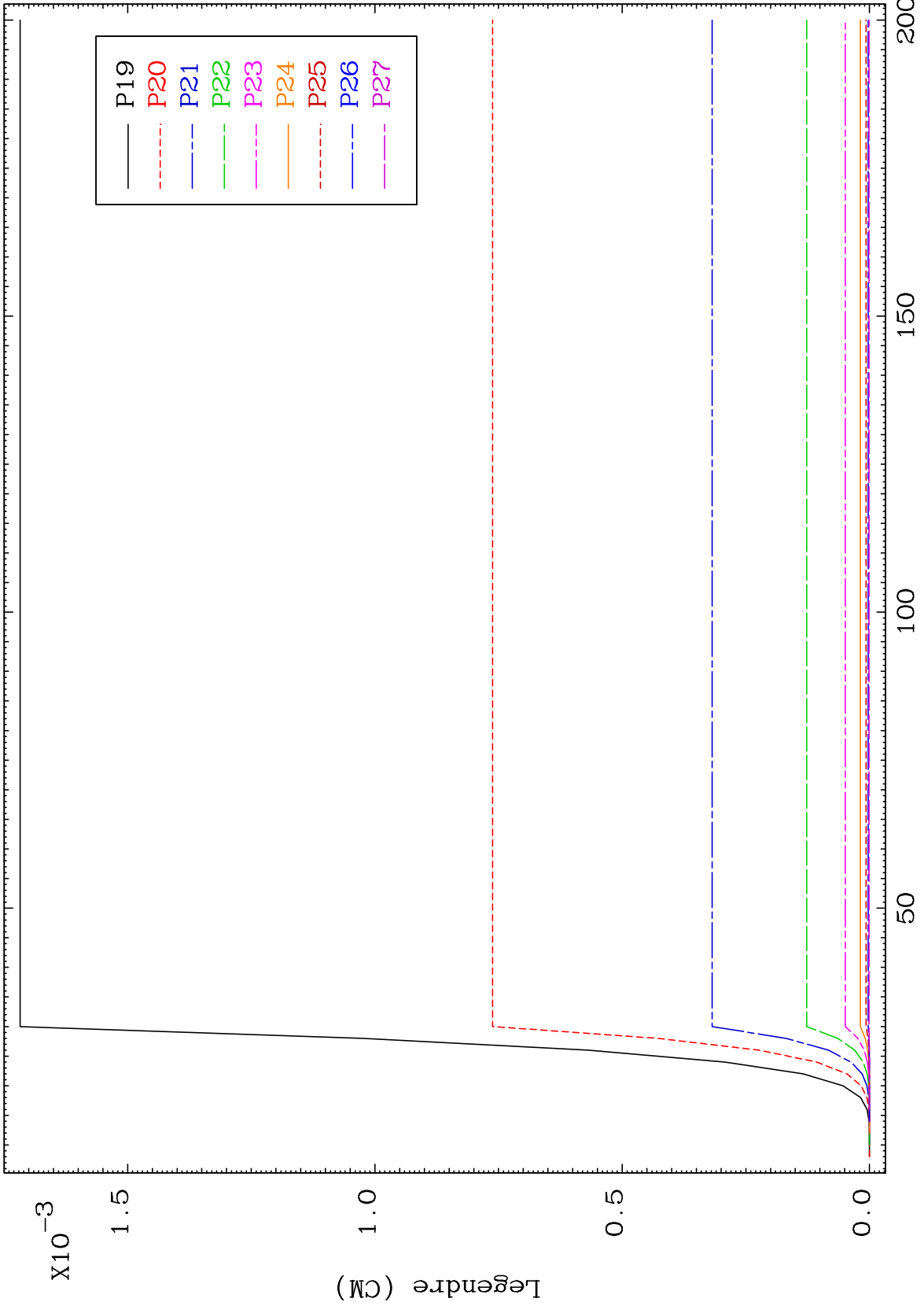
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



38

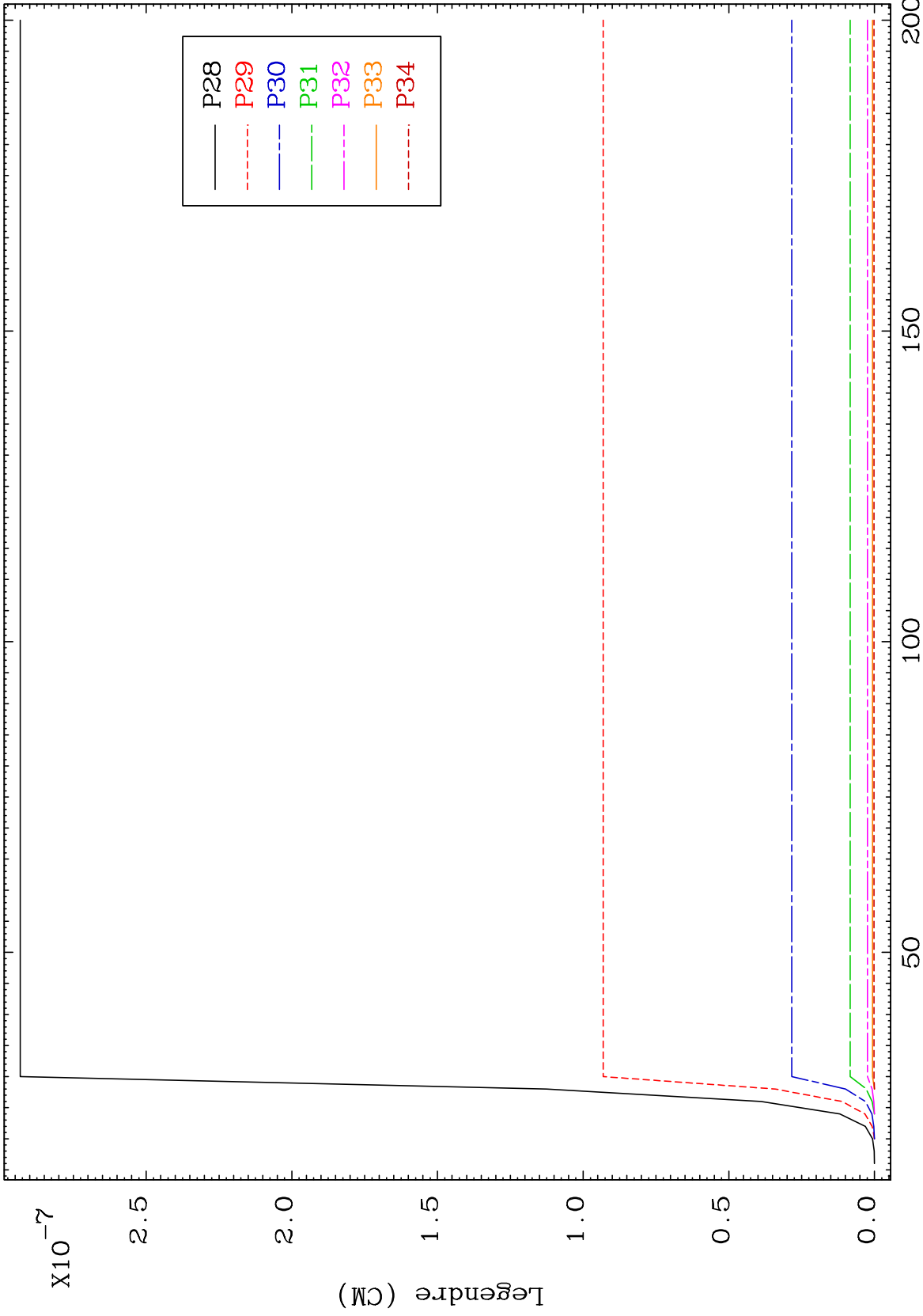
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



39

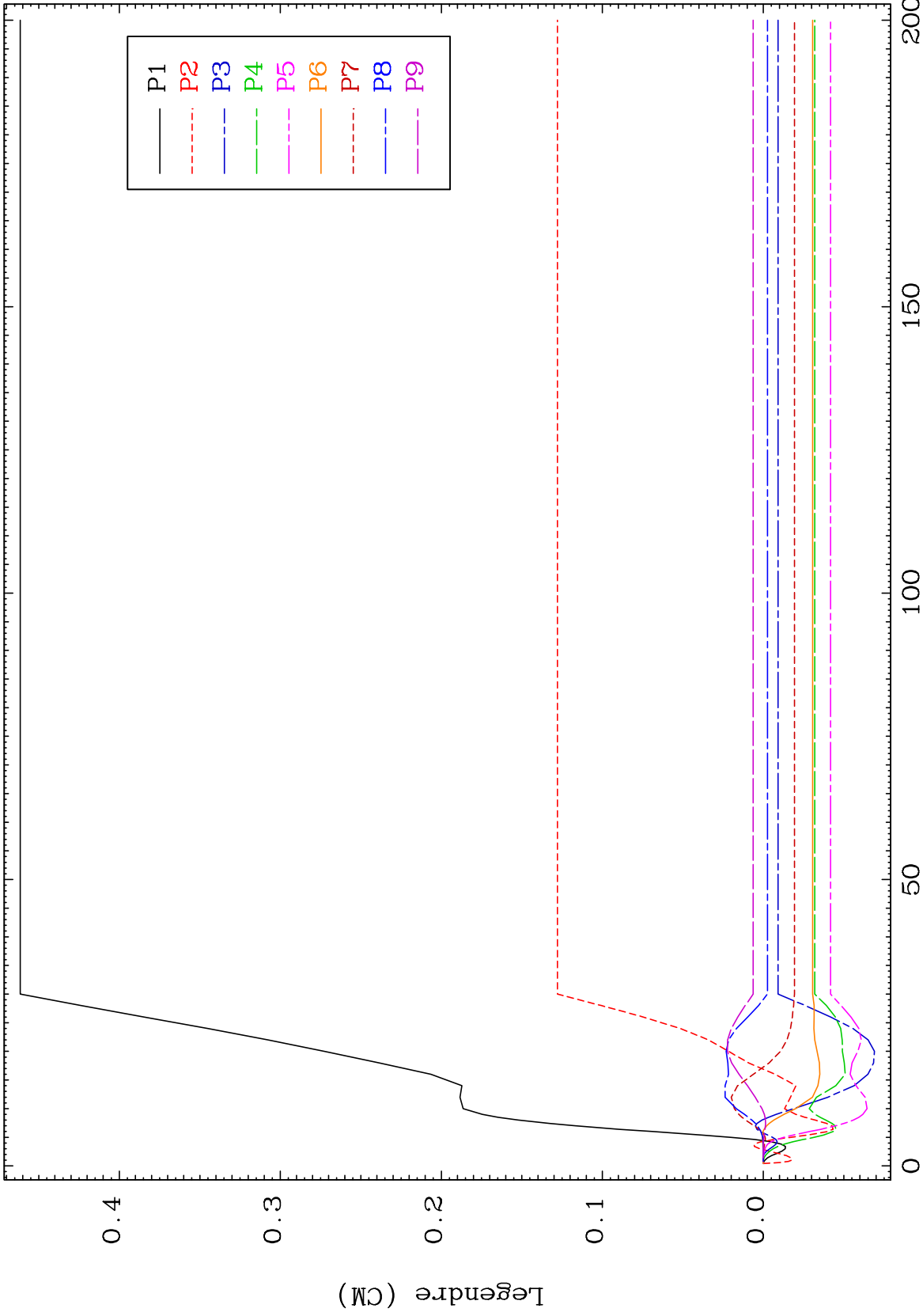
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



³⁴Se-73

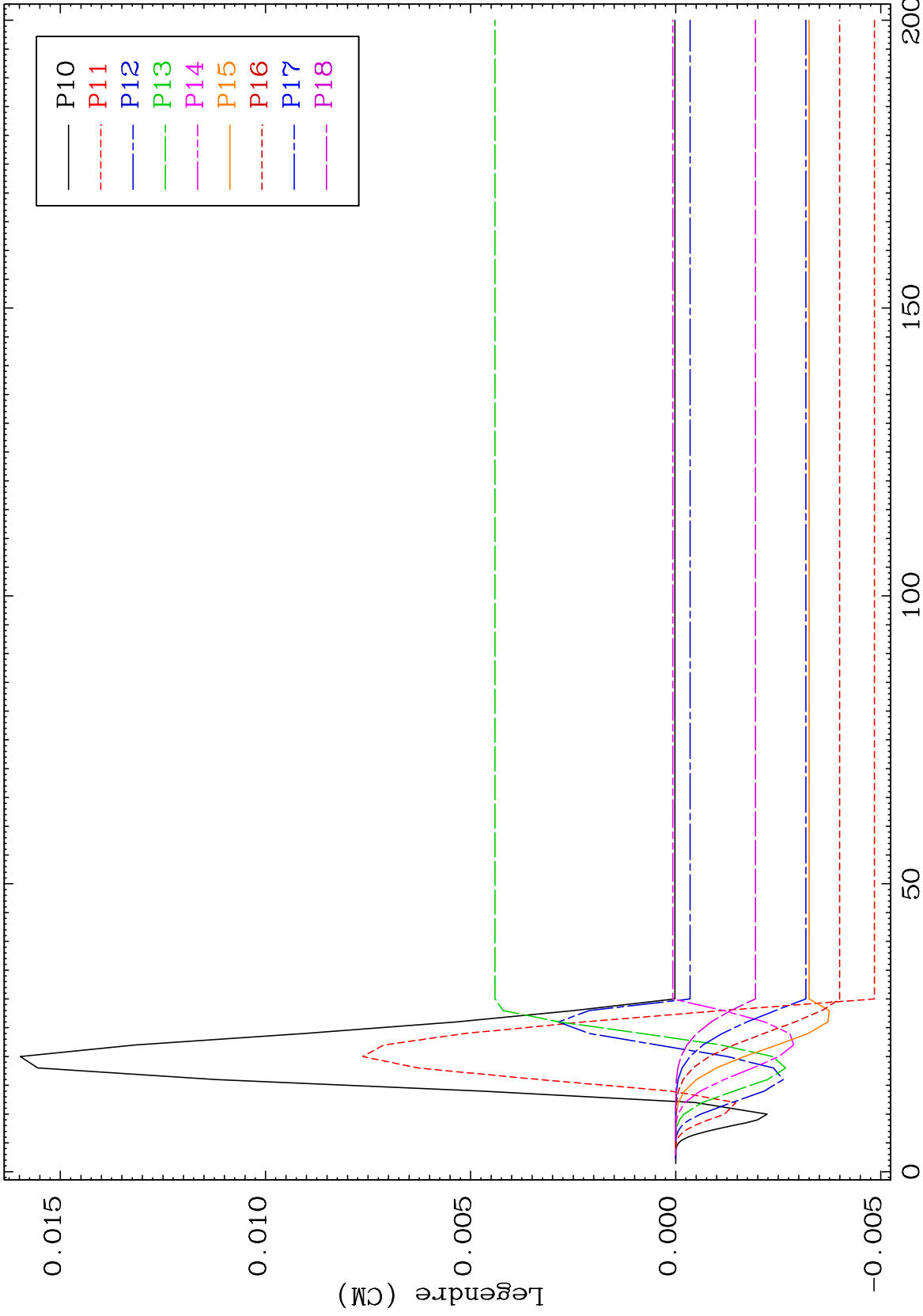
Incident Energy (MeV)

Legendre (CM)

MAT 3422

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

³⁴Se-73



41

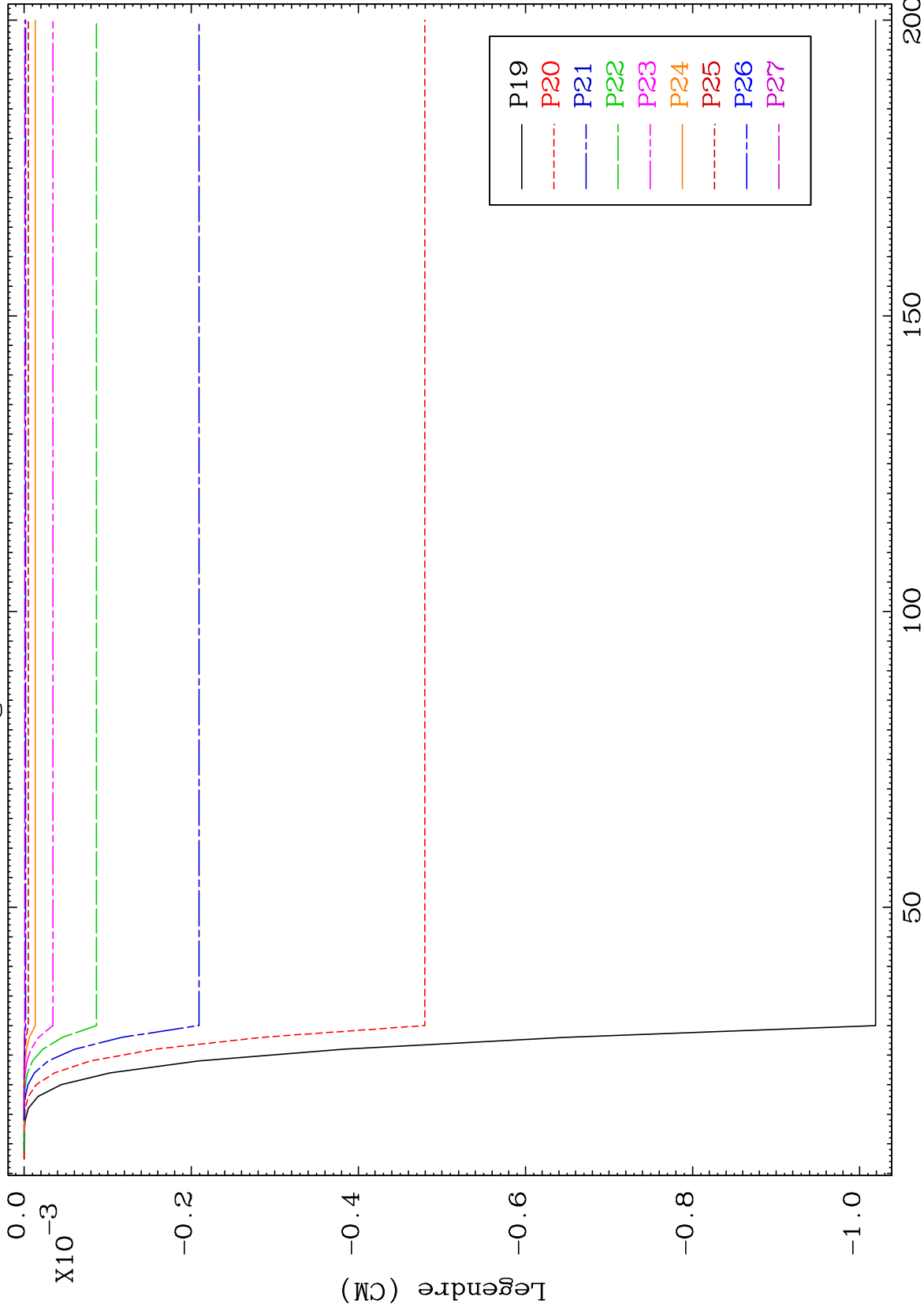
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



42

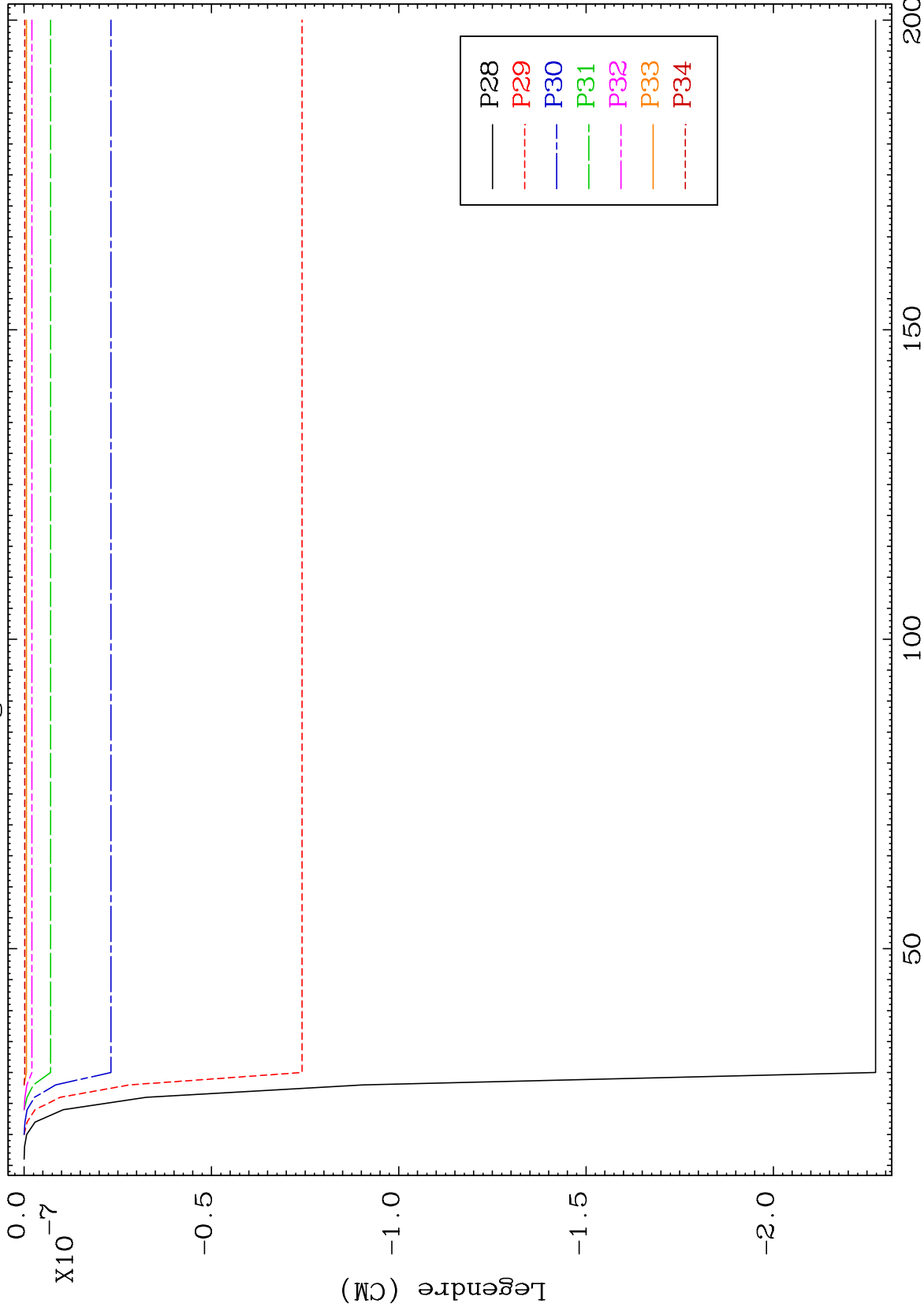
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



43

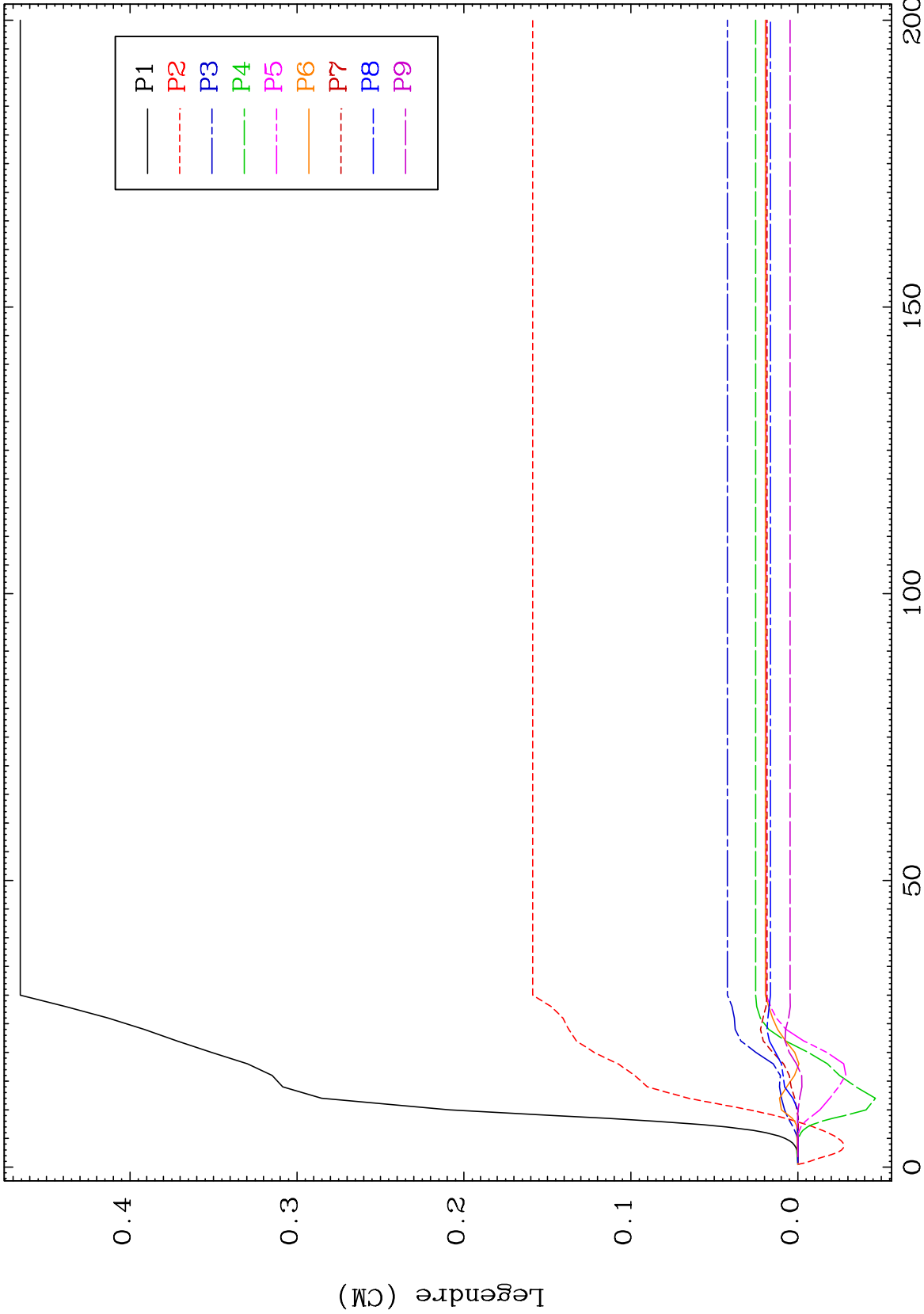
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



44

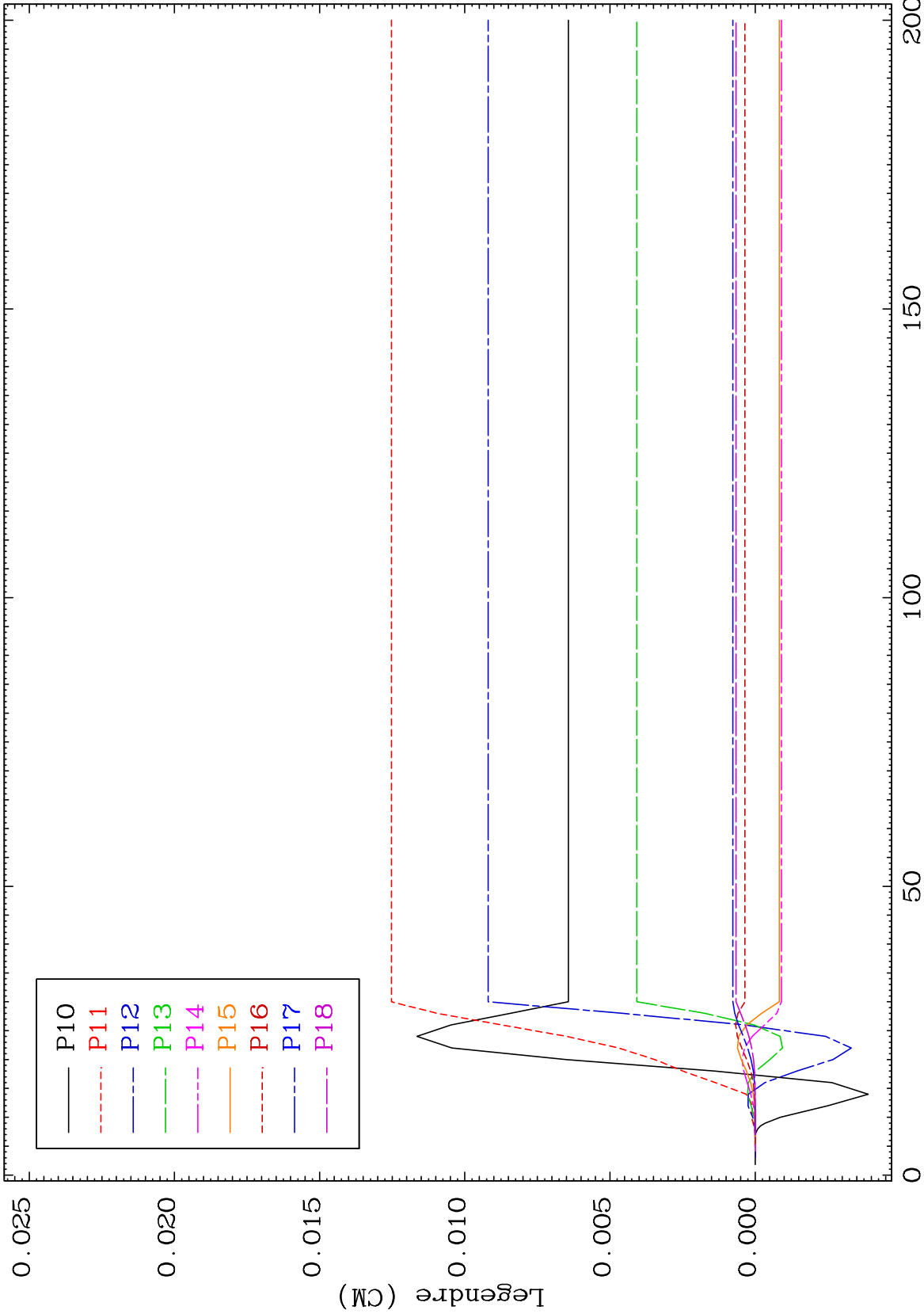
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



45

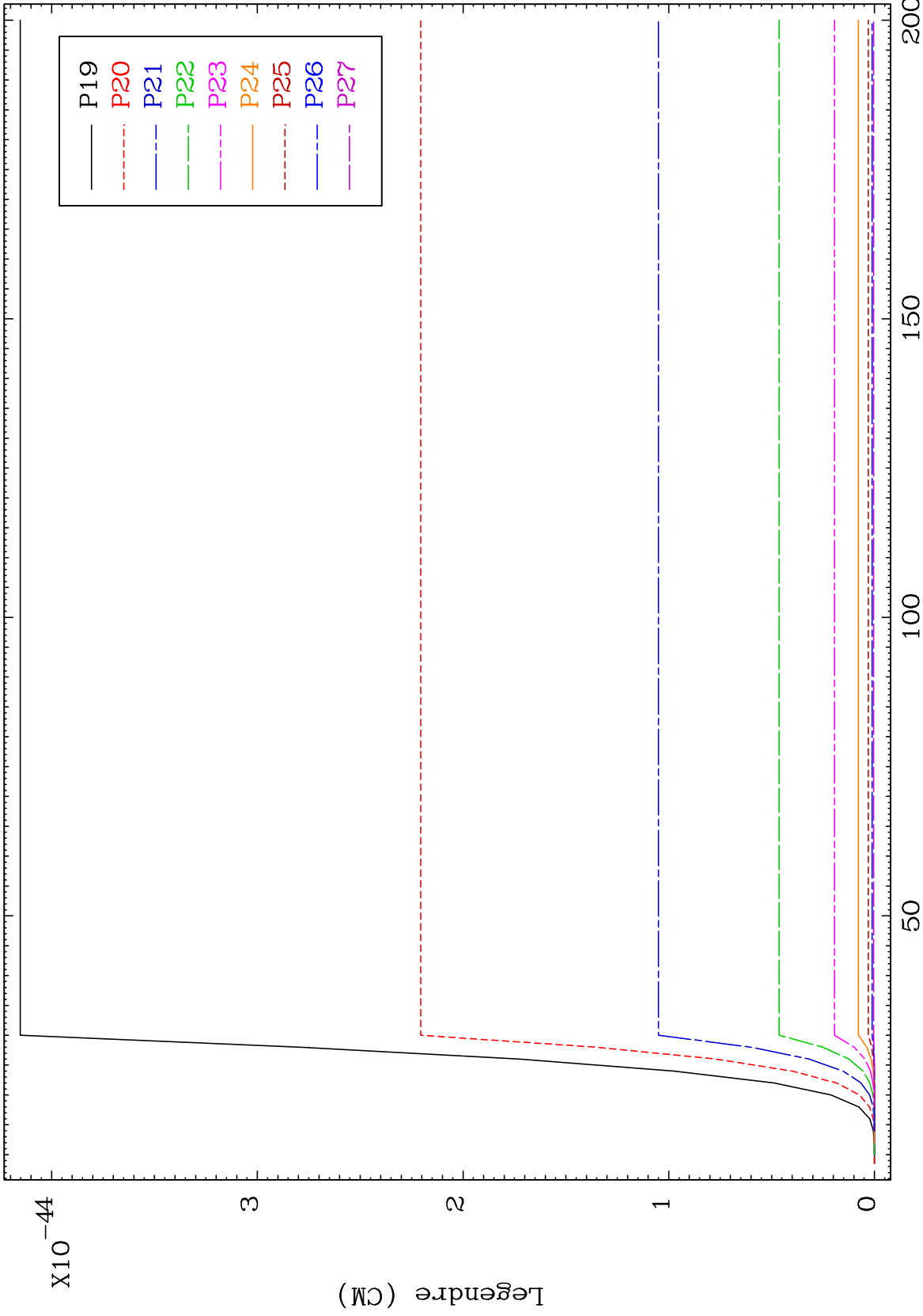
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



46

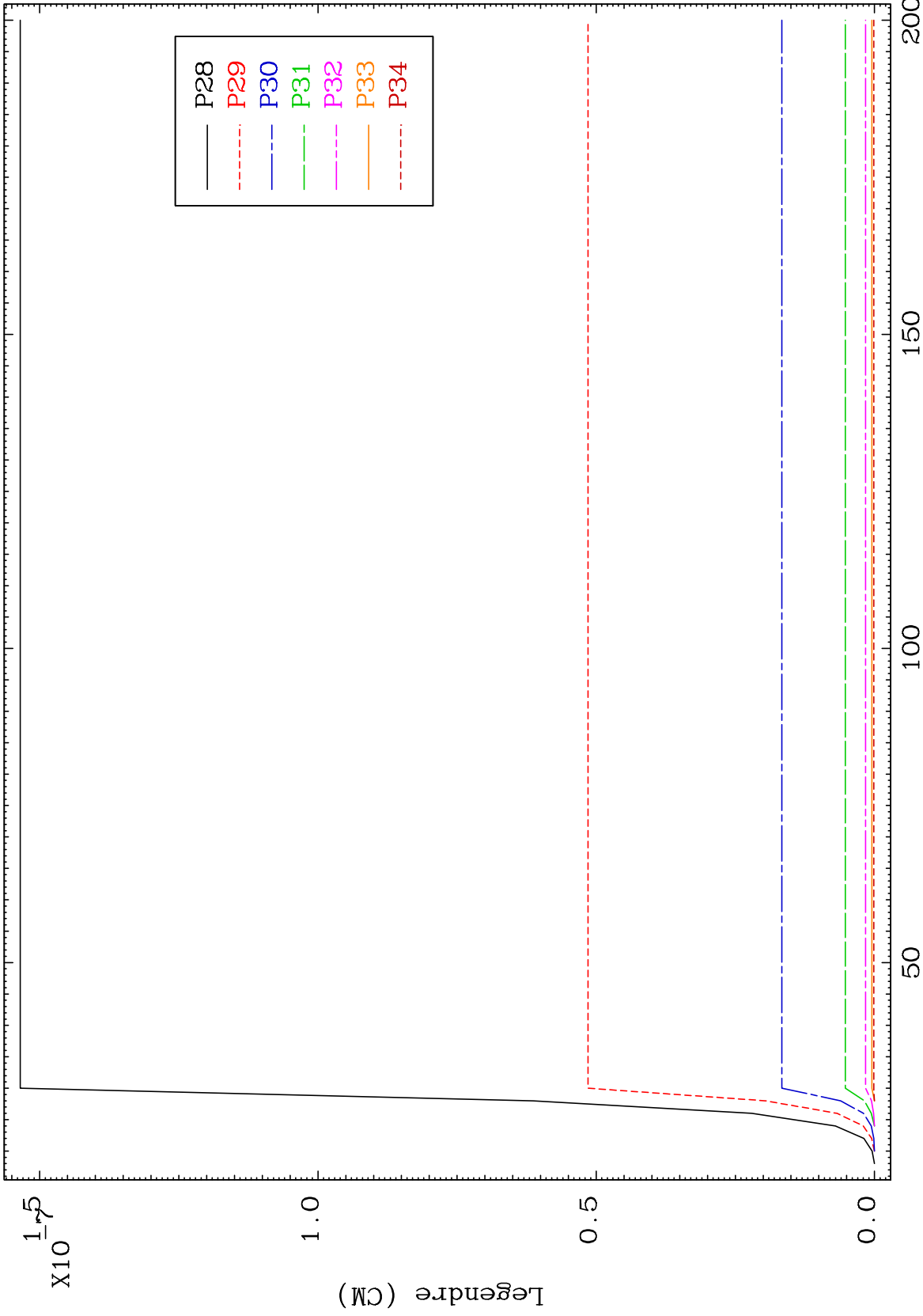
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



47

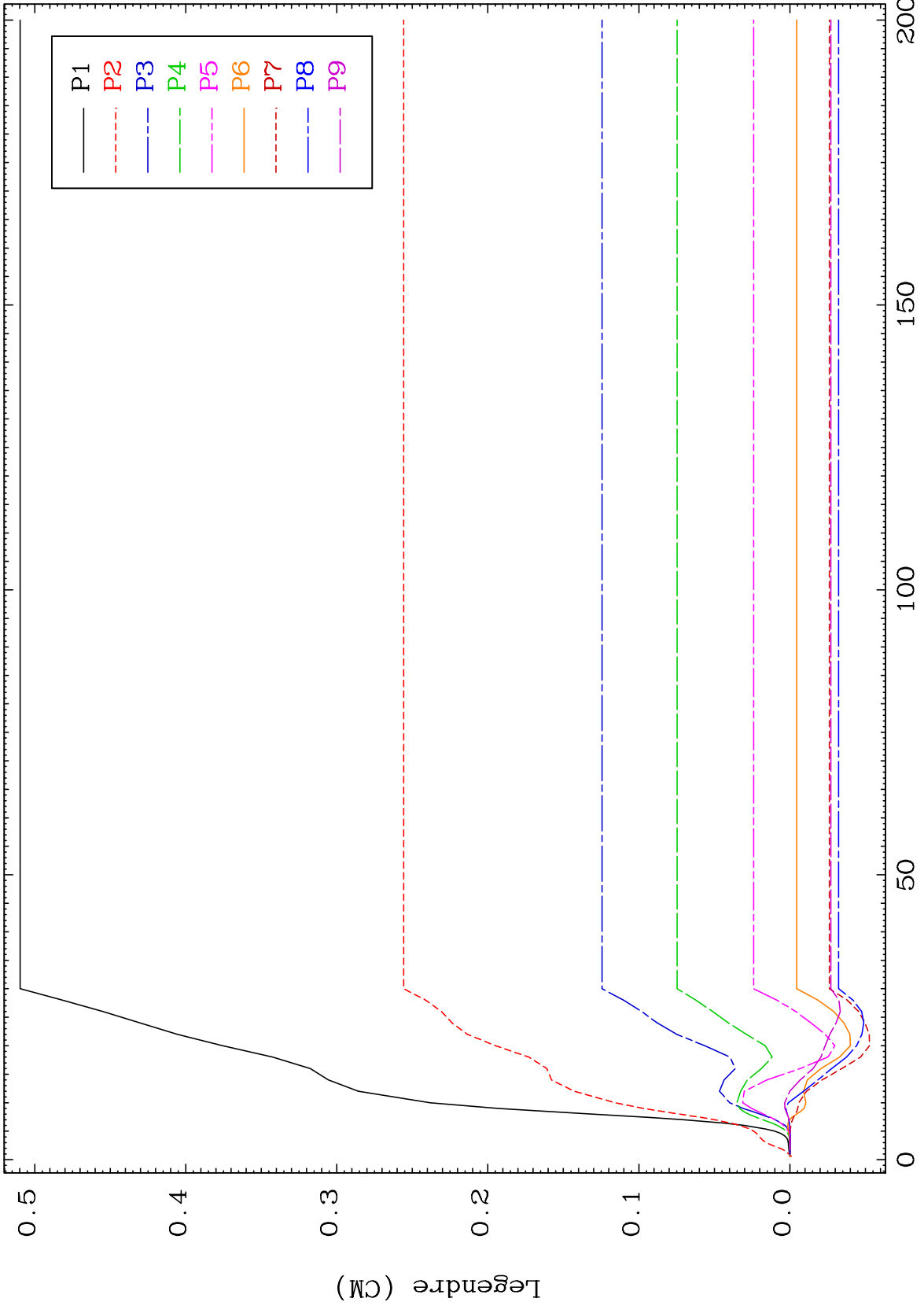
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



48

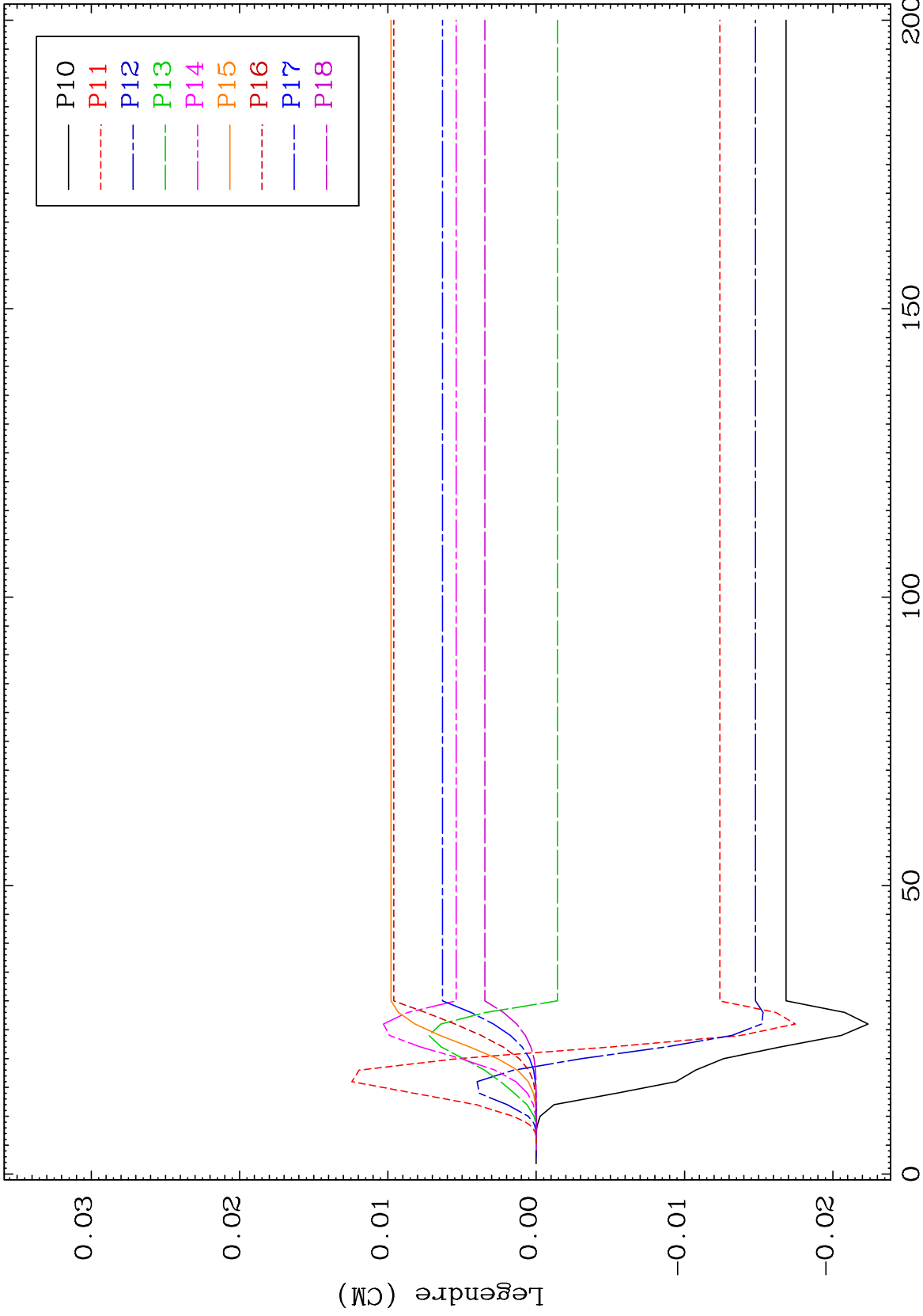
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



49

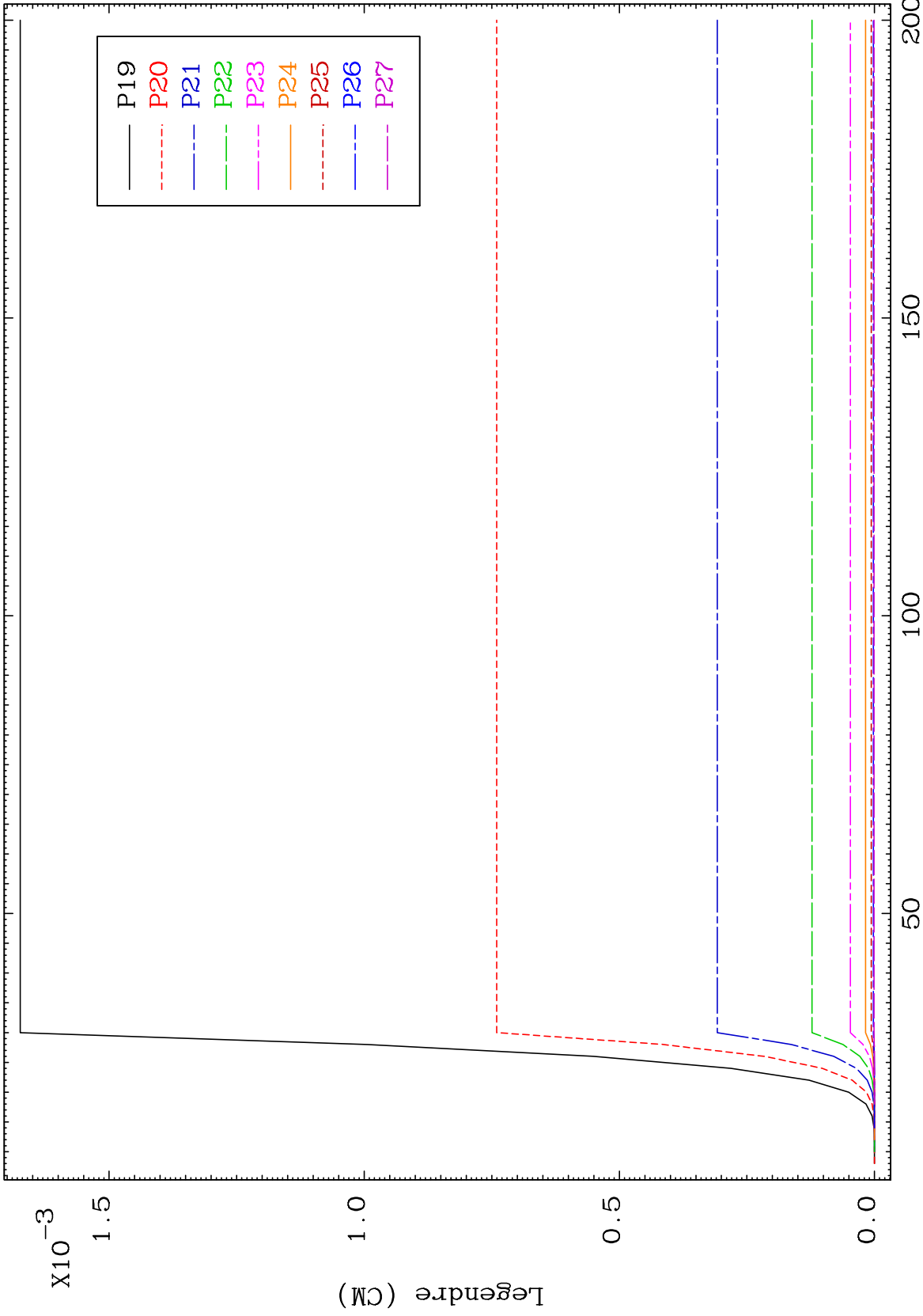
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



50

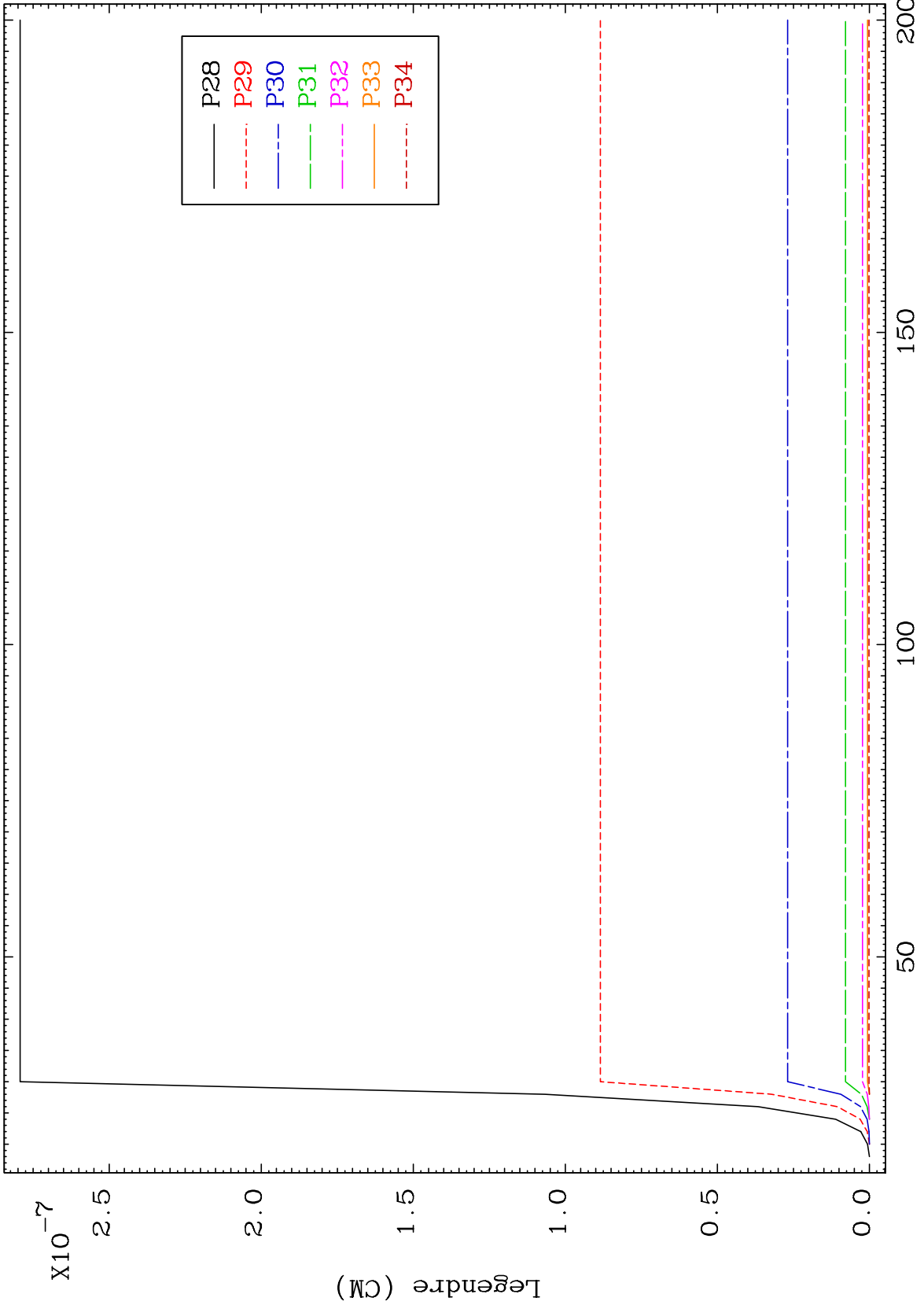
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



51

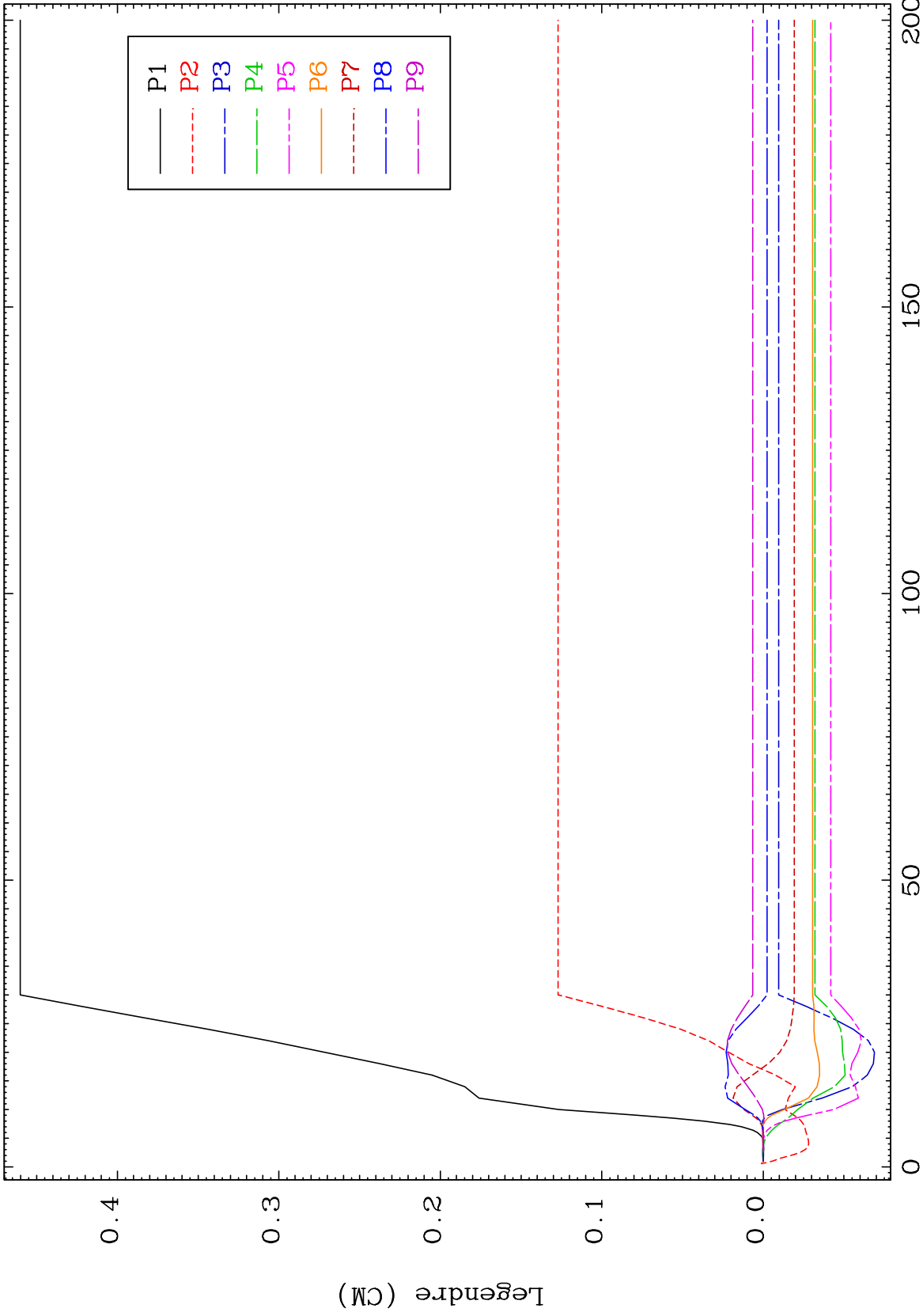
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73

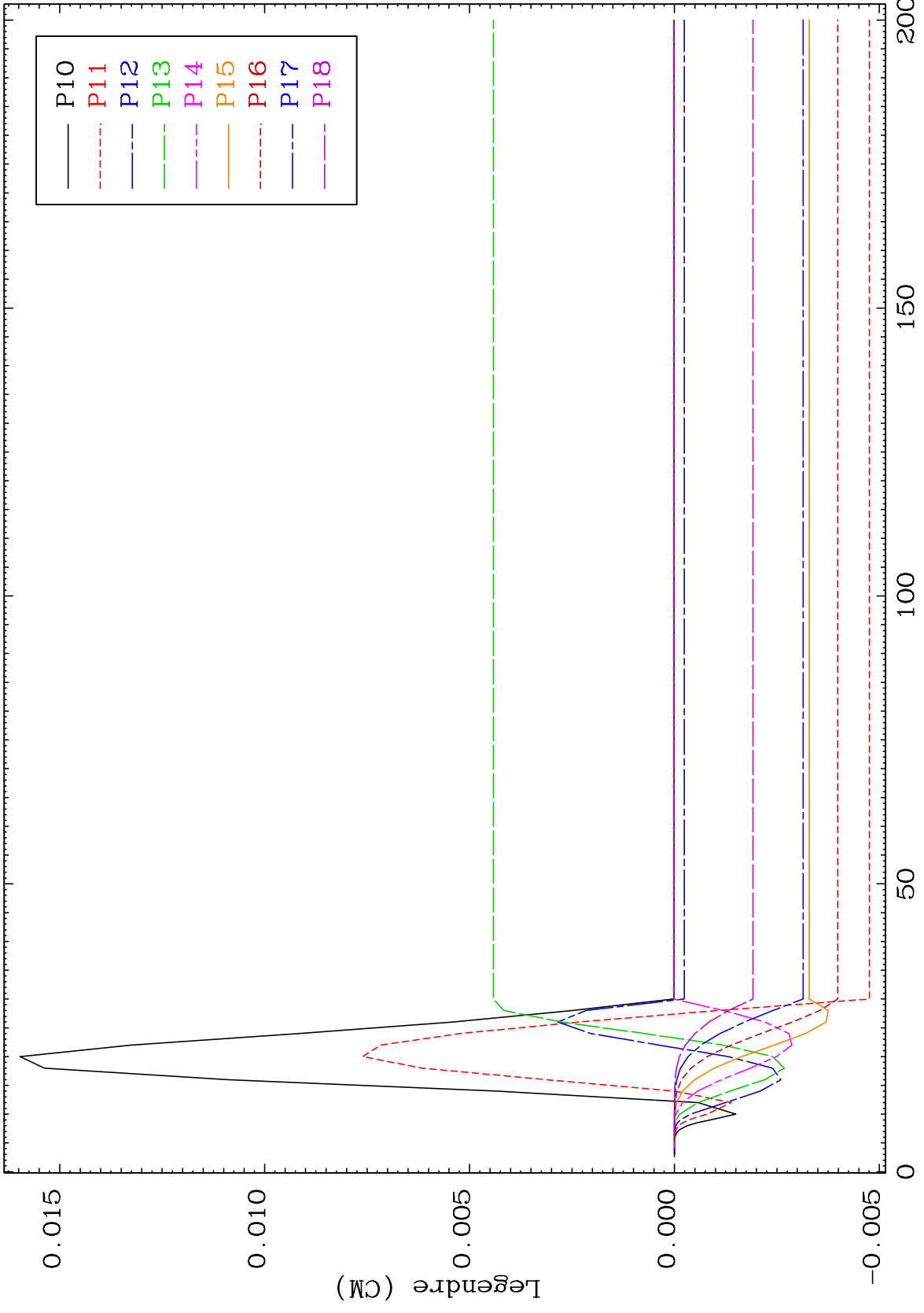


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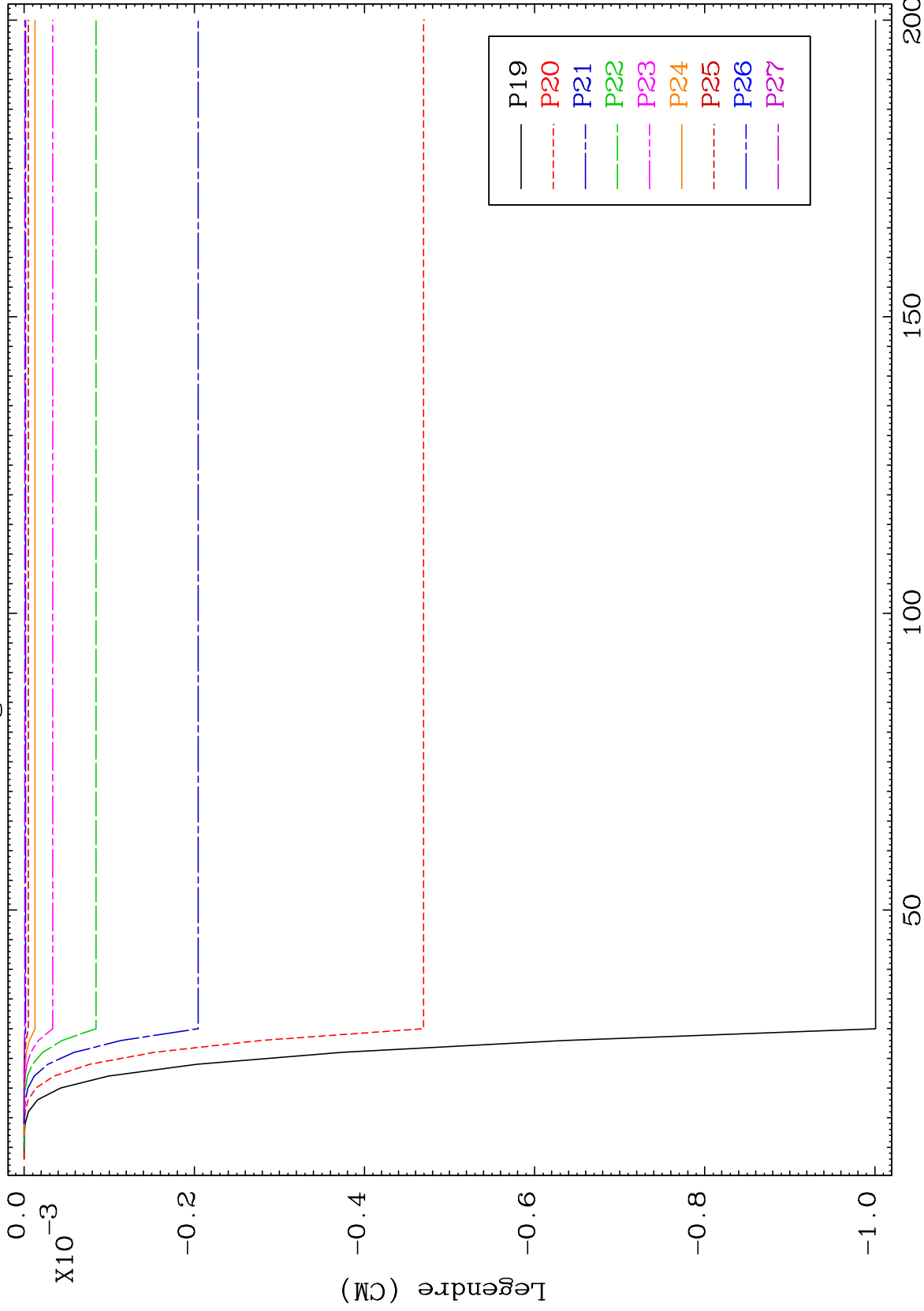
Incident Energy (MeV)

³⁴Se-73

MAT 3422 MT= 60 (n,n') Level Legendre Coefficients 34-Se-73



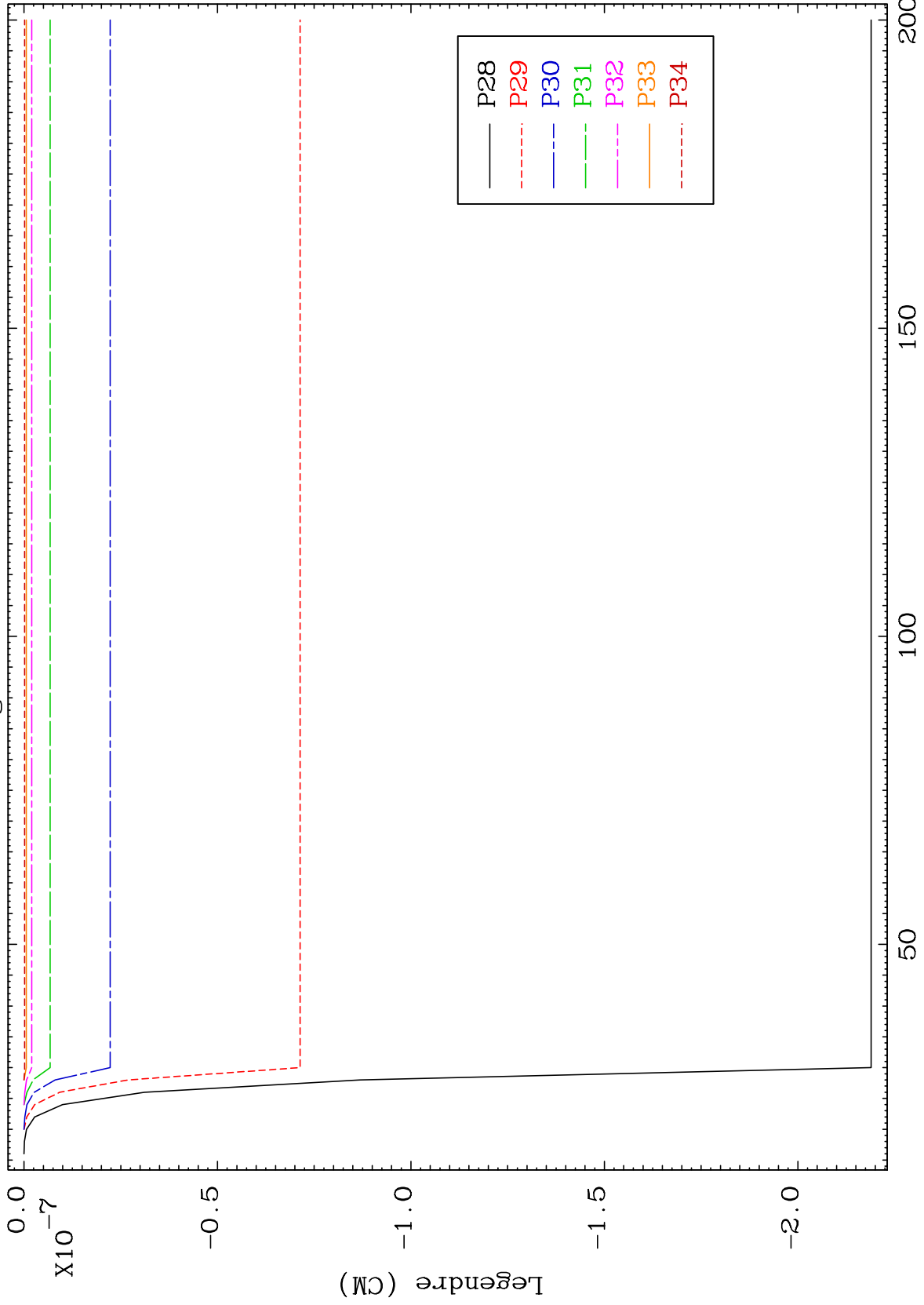
53 34-Se-73



MAT 3422

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

34-Se-73



55

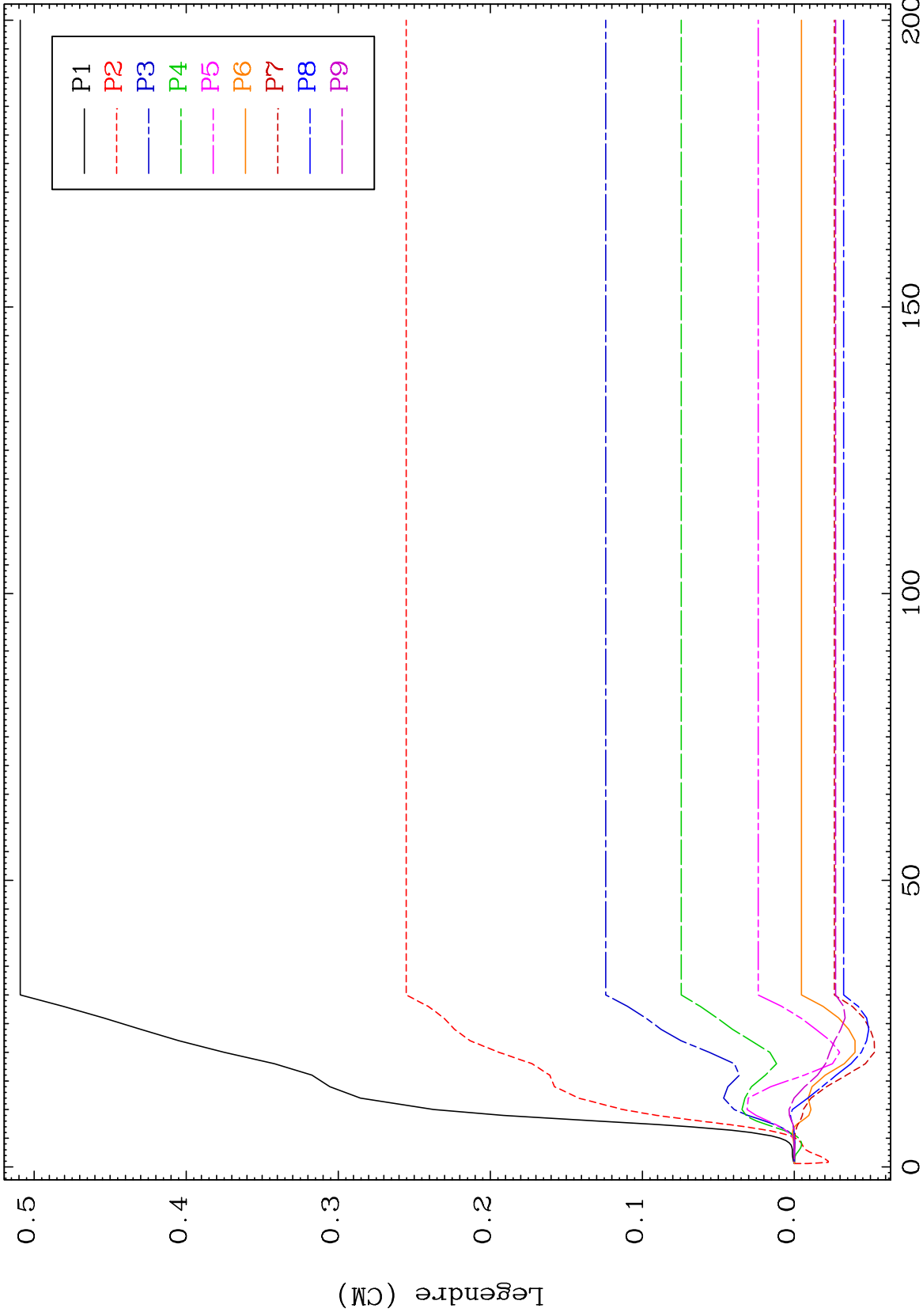
34-Se-73

200

MAT 3422

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

³⁴Se-73



56

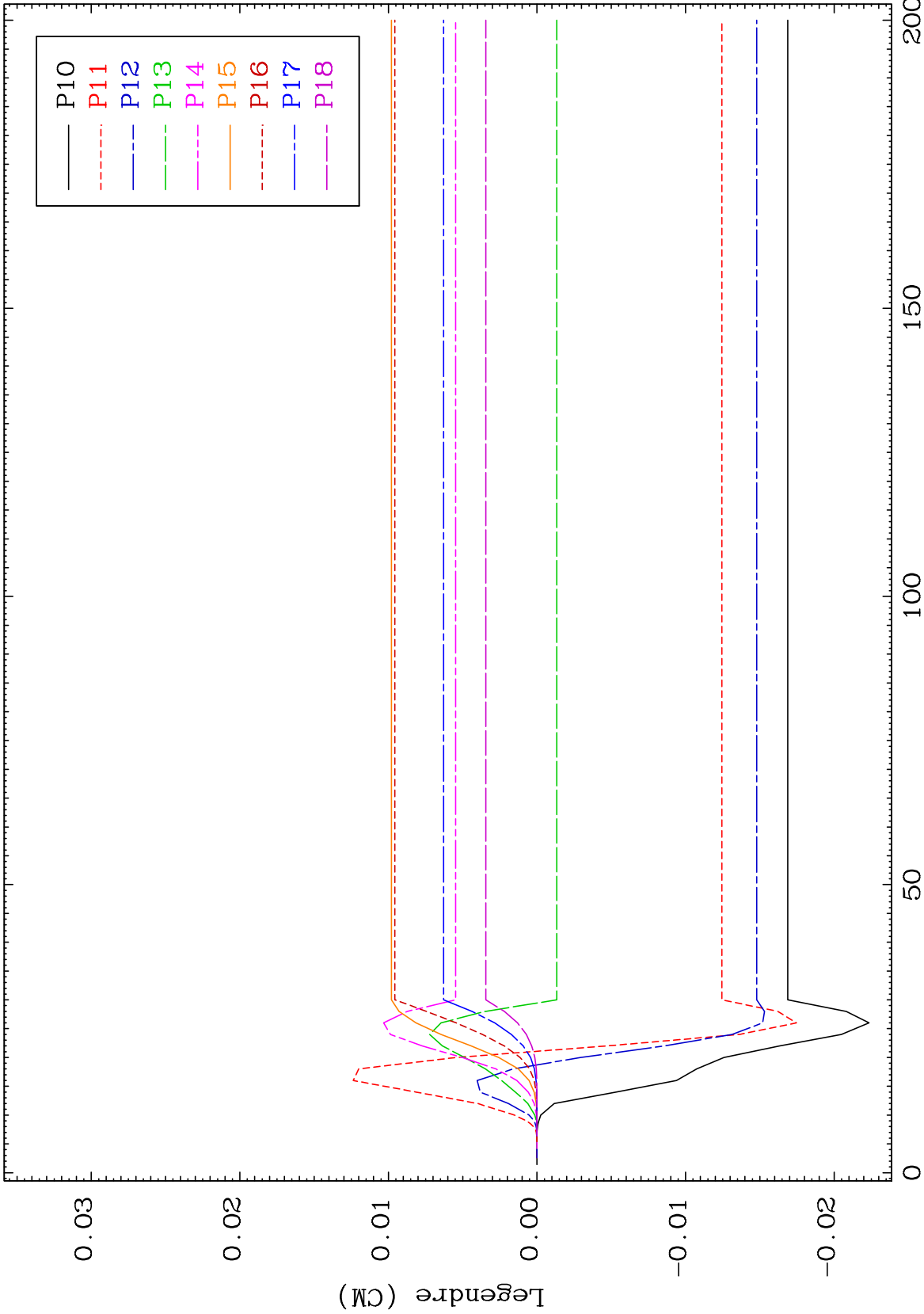
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



57

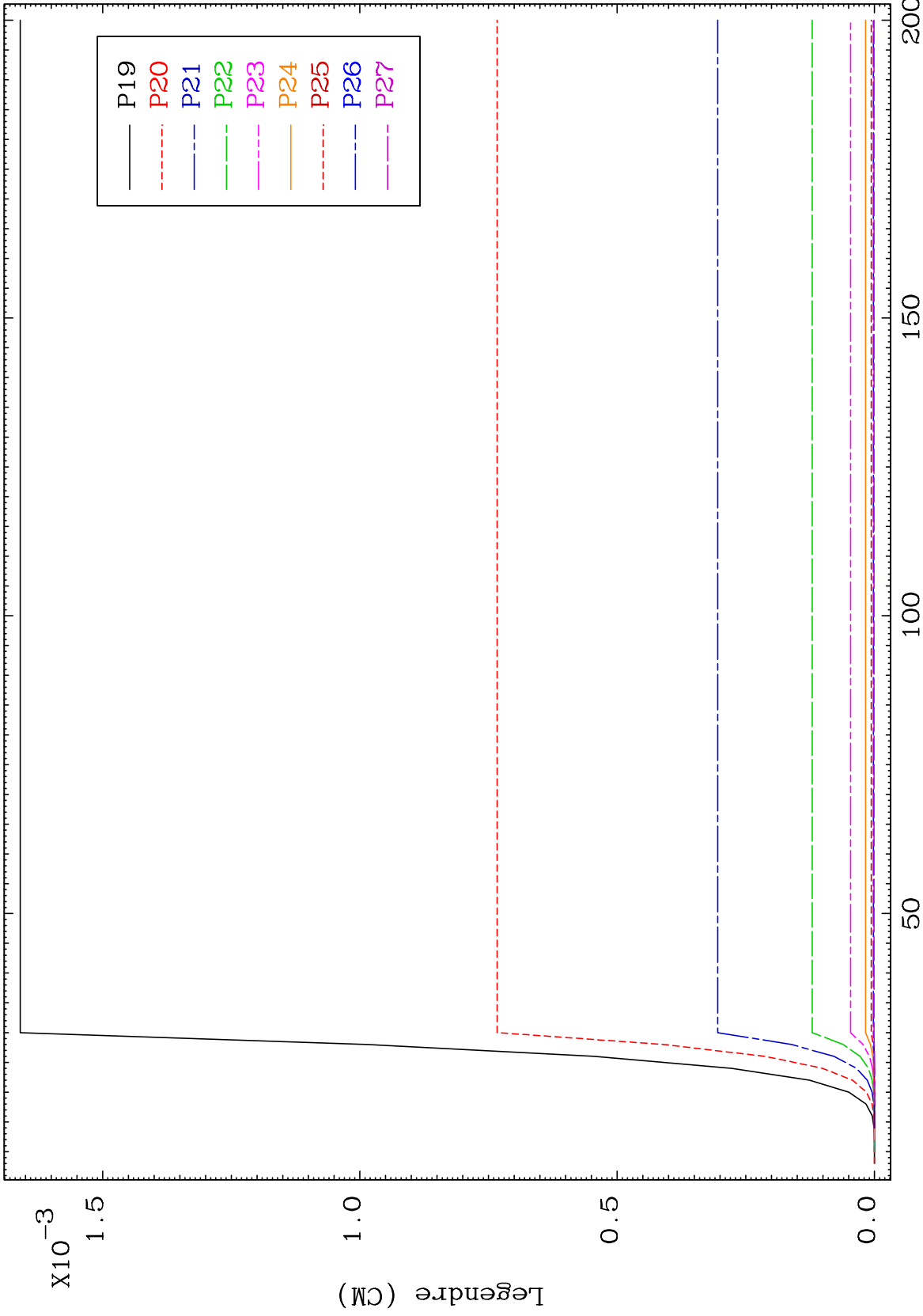
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



58

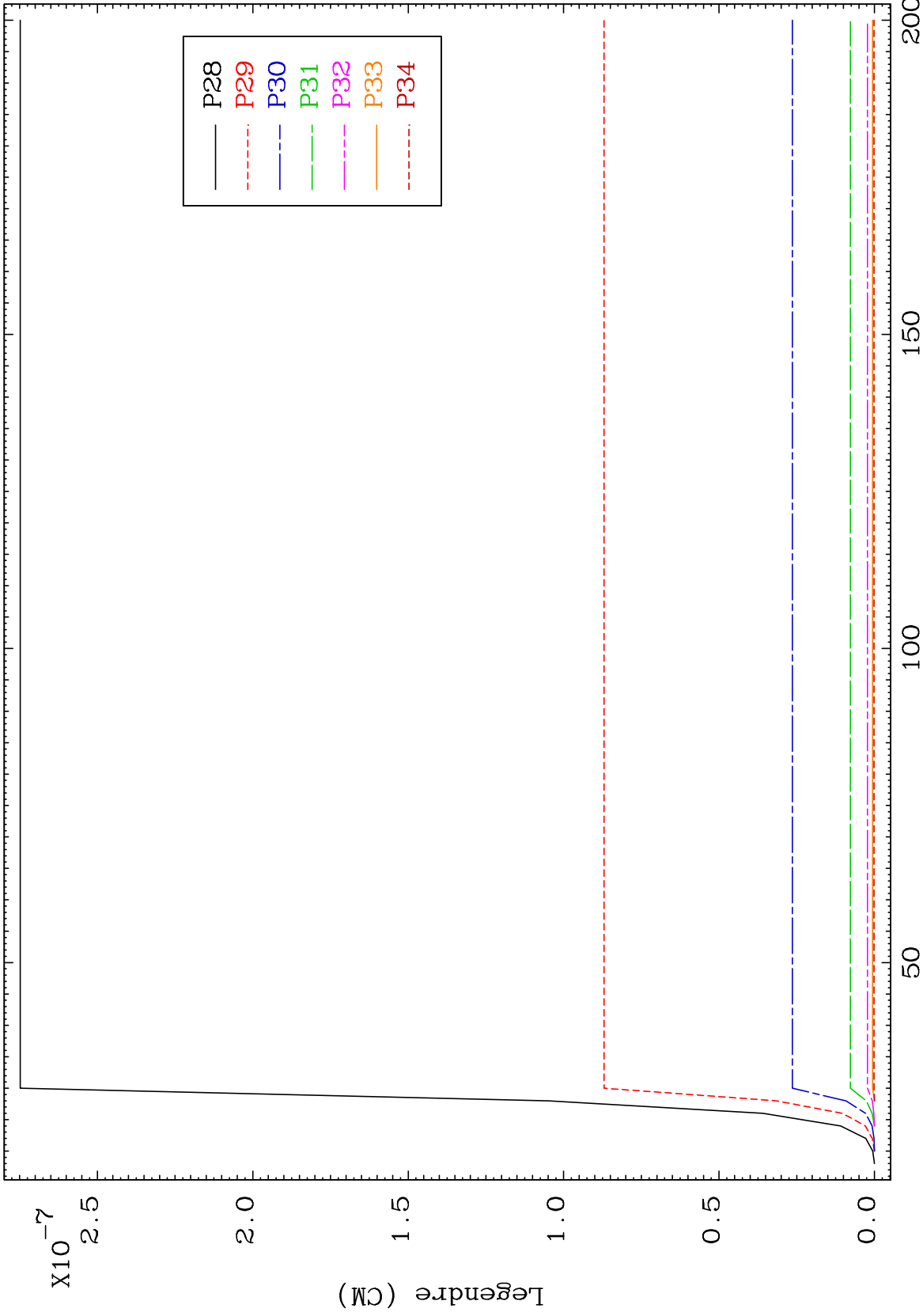
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



59

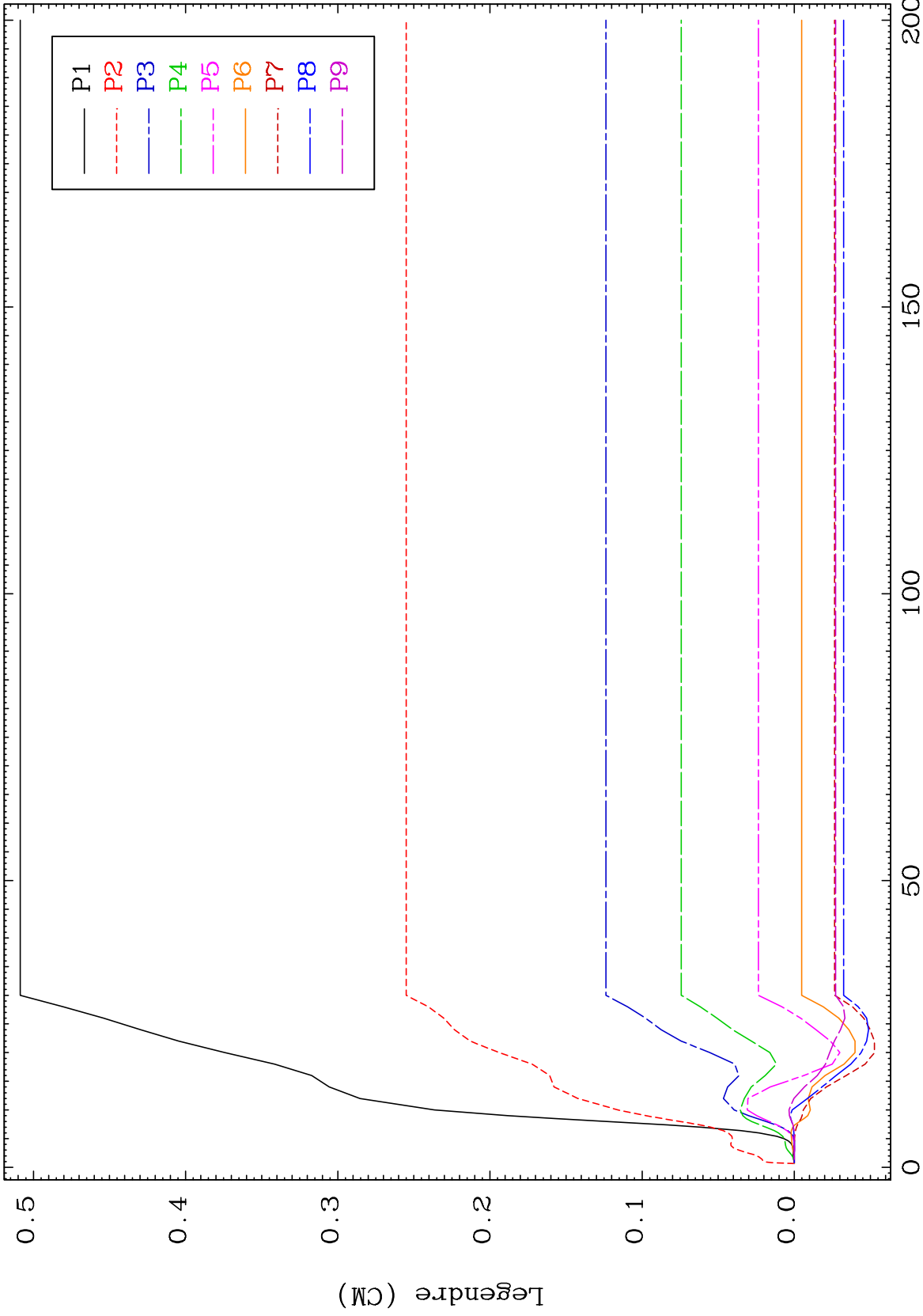
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



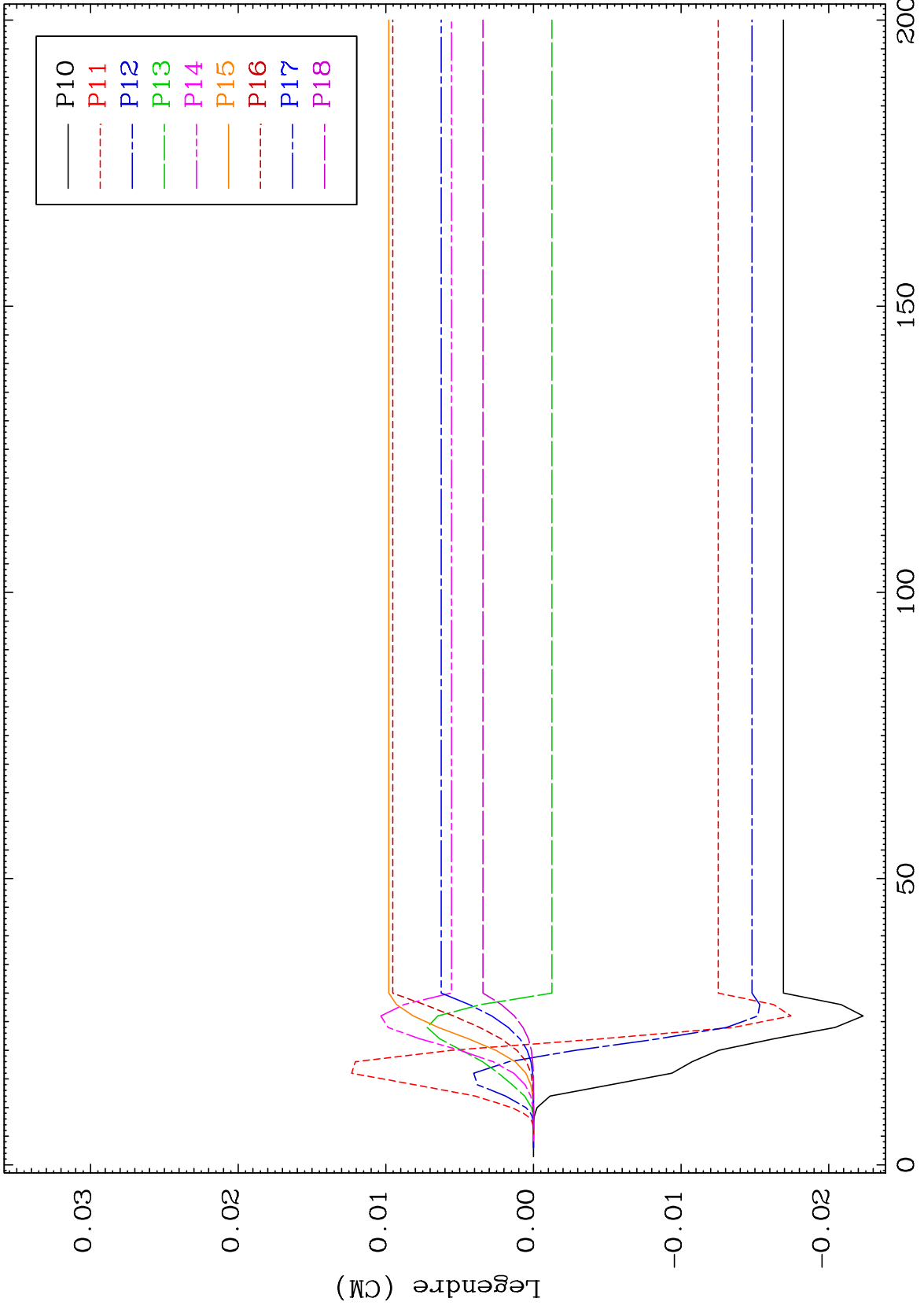
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



61

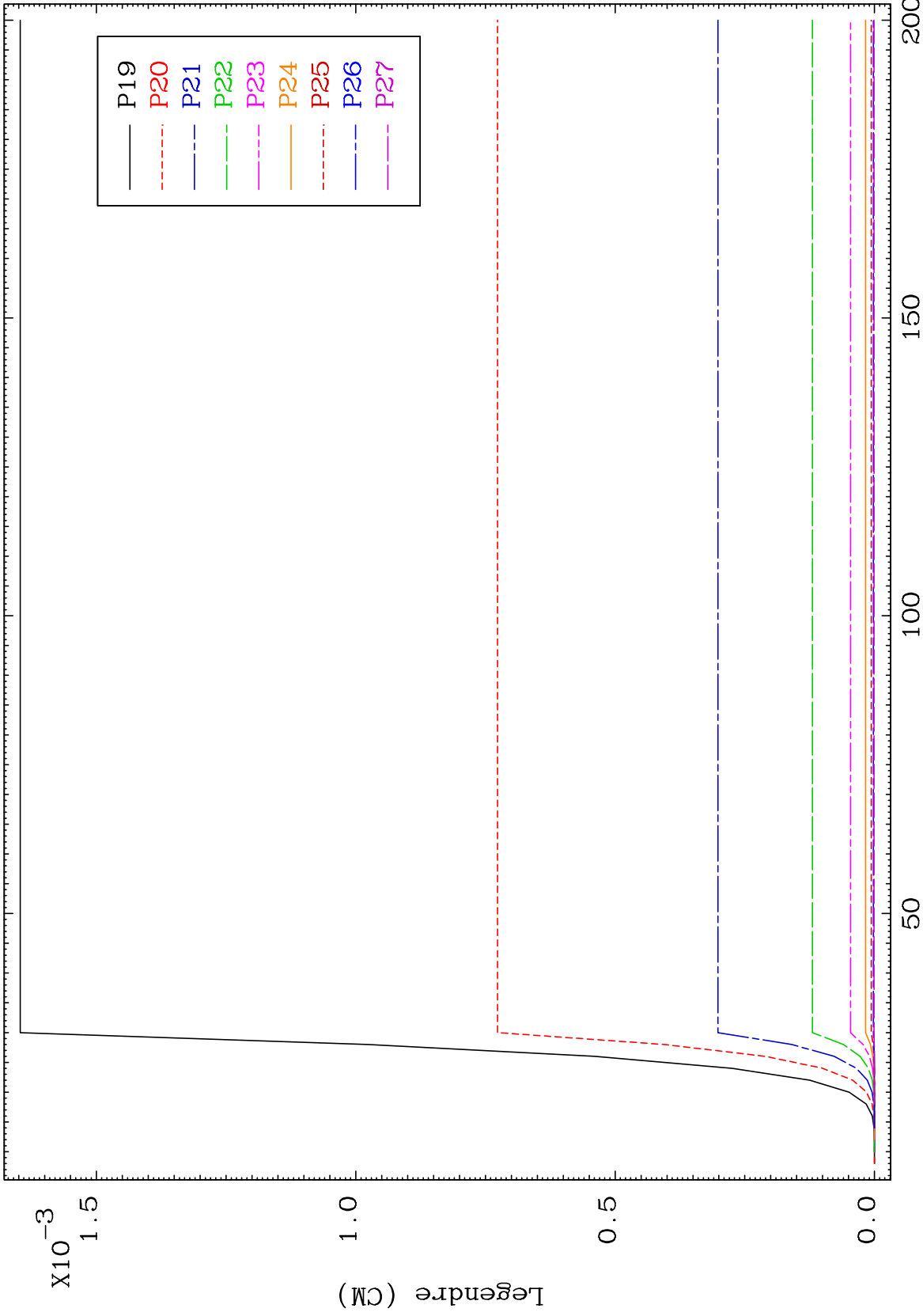
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



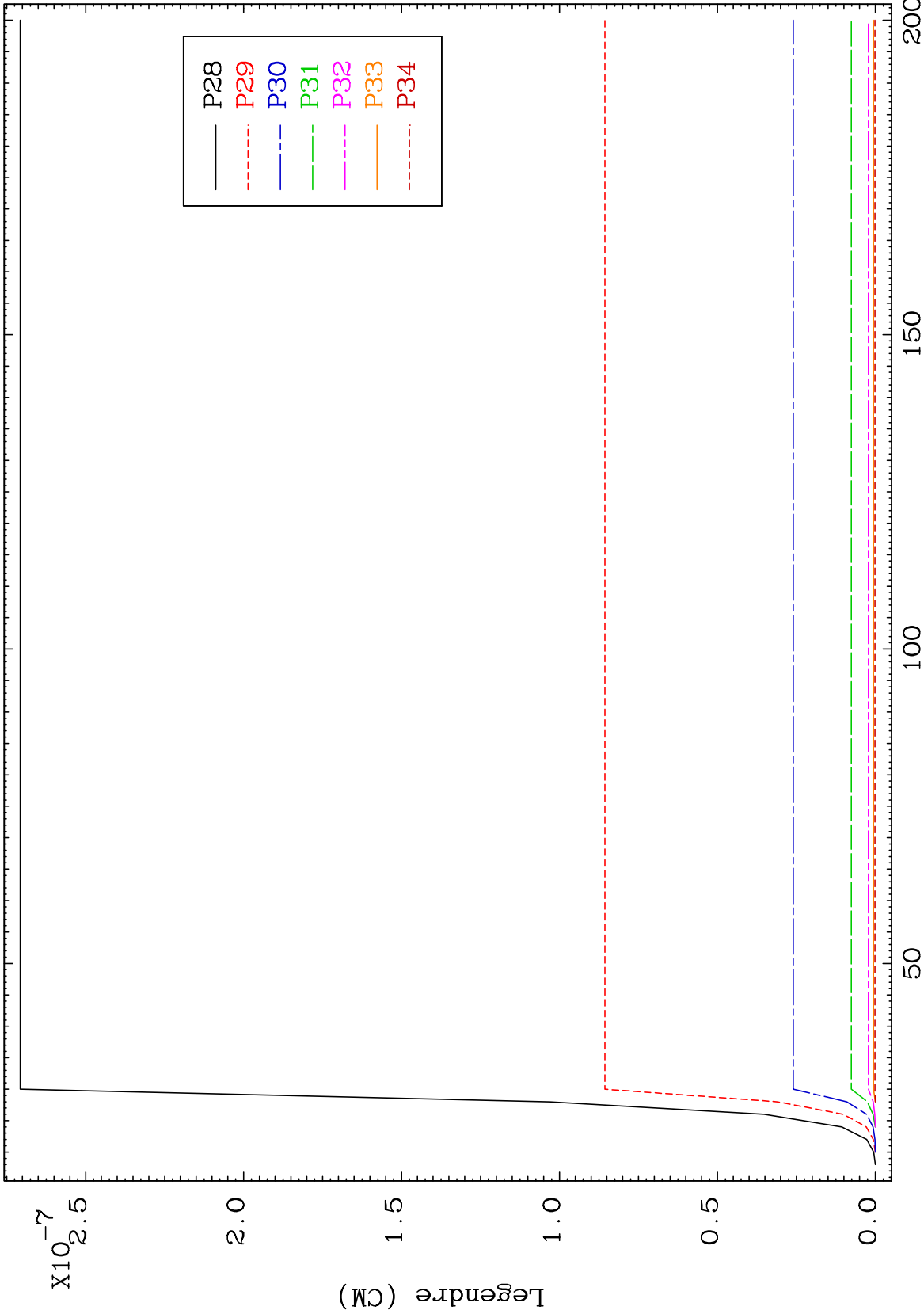
62

34-Se-73

MAT 3422

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

34-Se-73



63

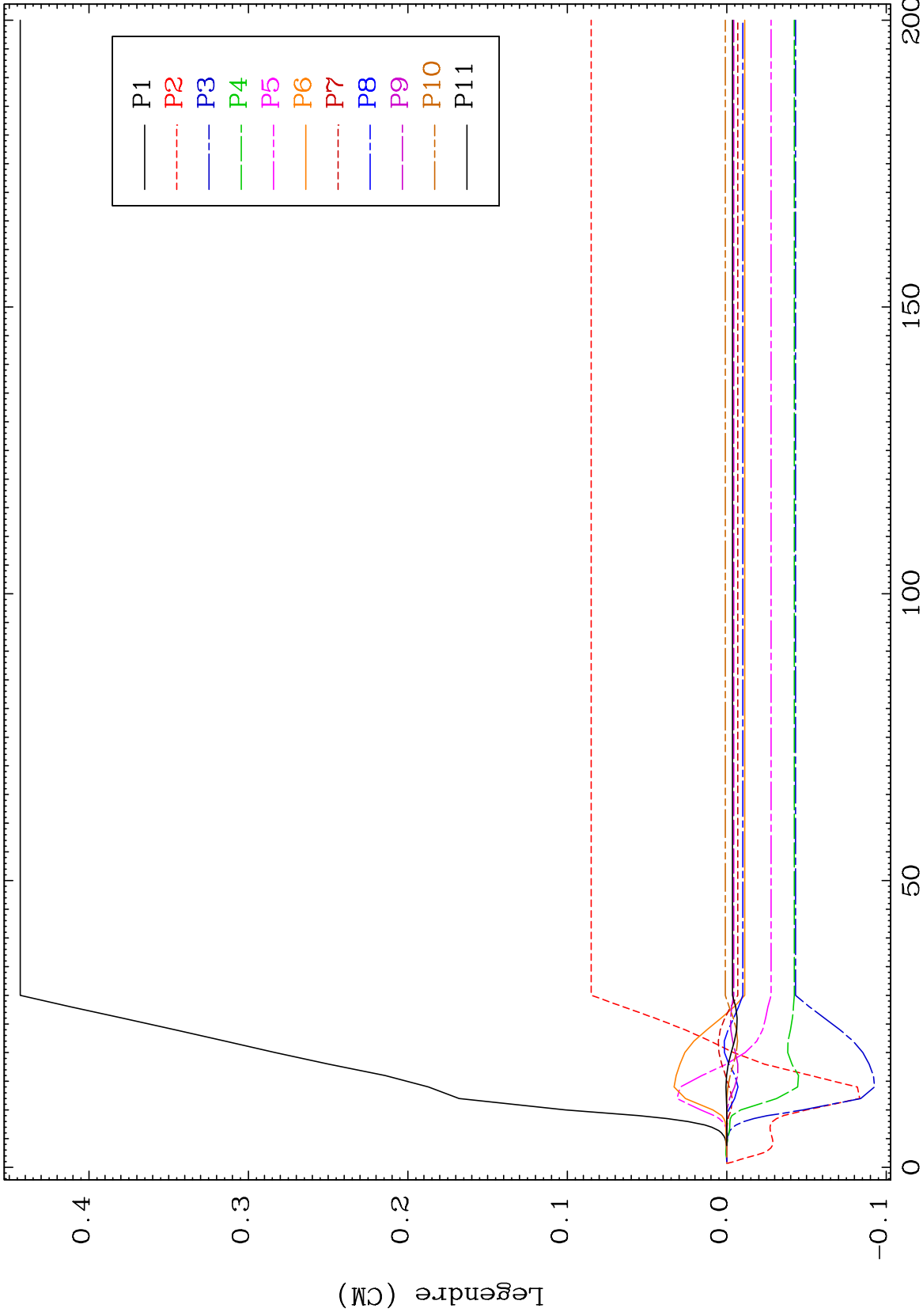
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



64

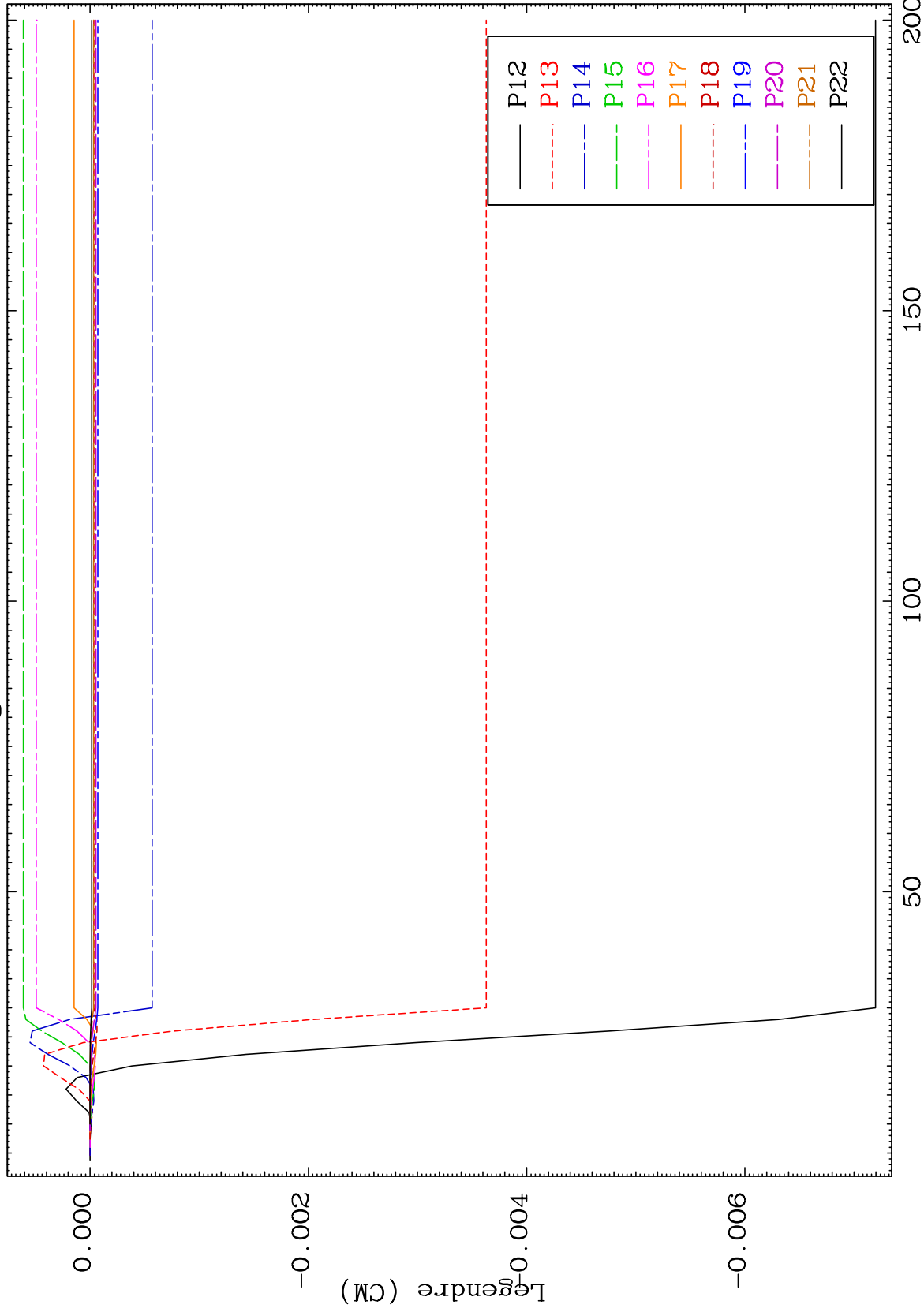
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



65

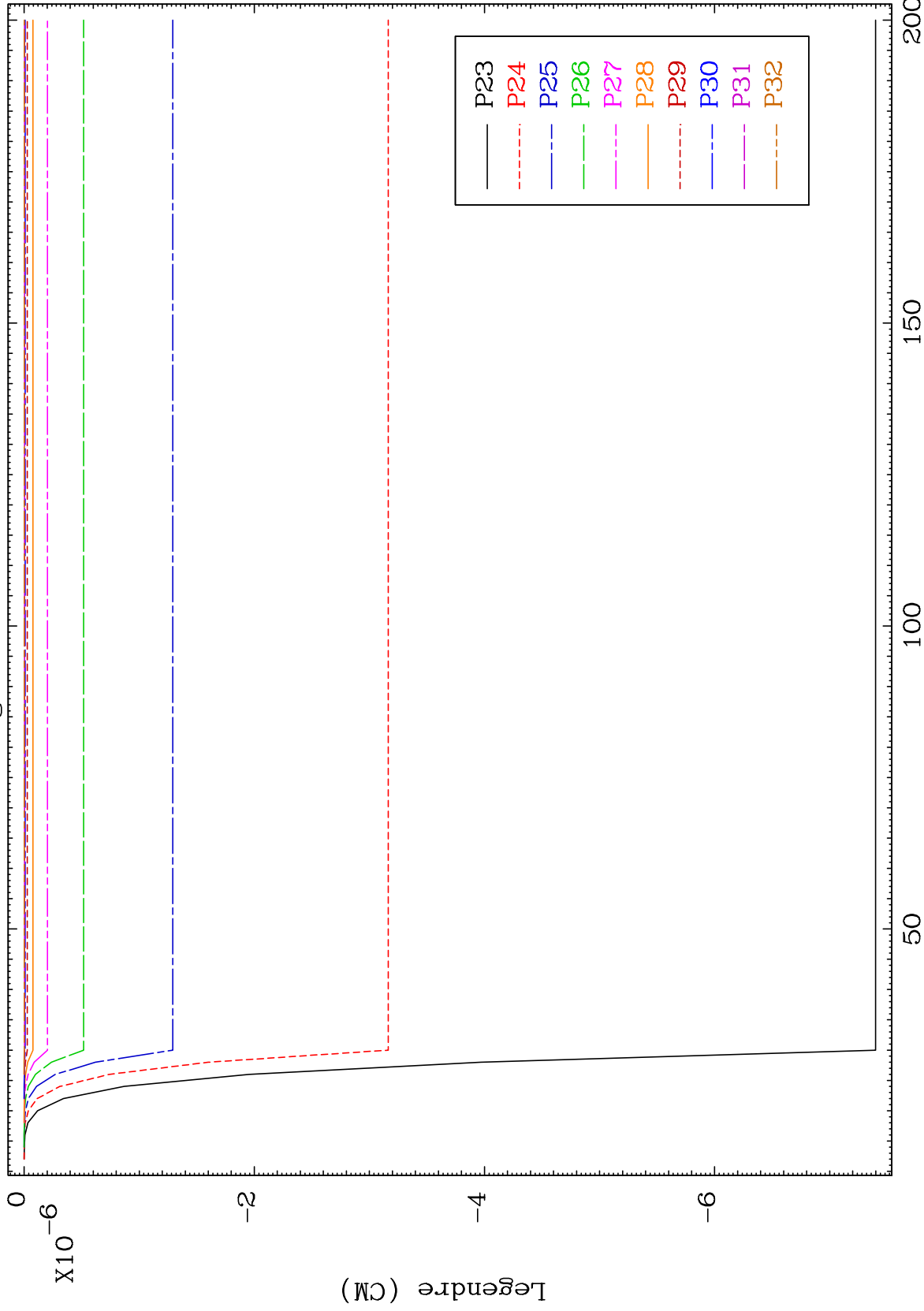
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



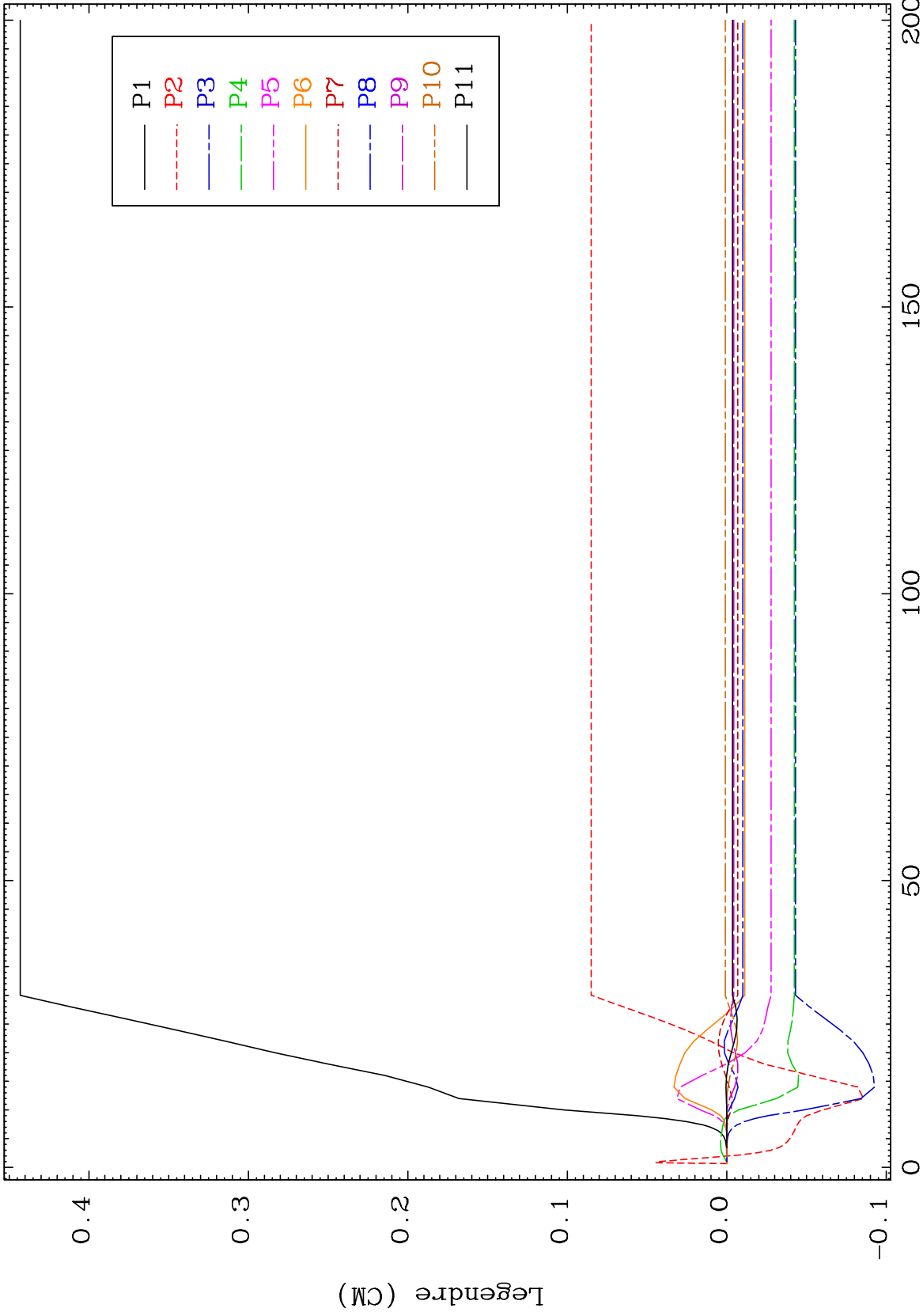
66

34-Se-73

MAT 3422

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

34-Se-73



67

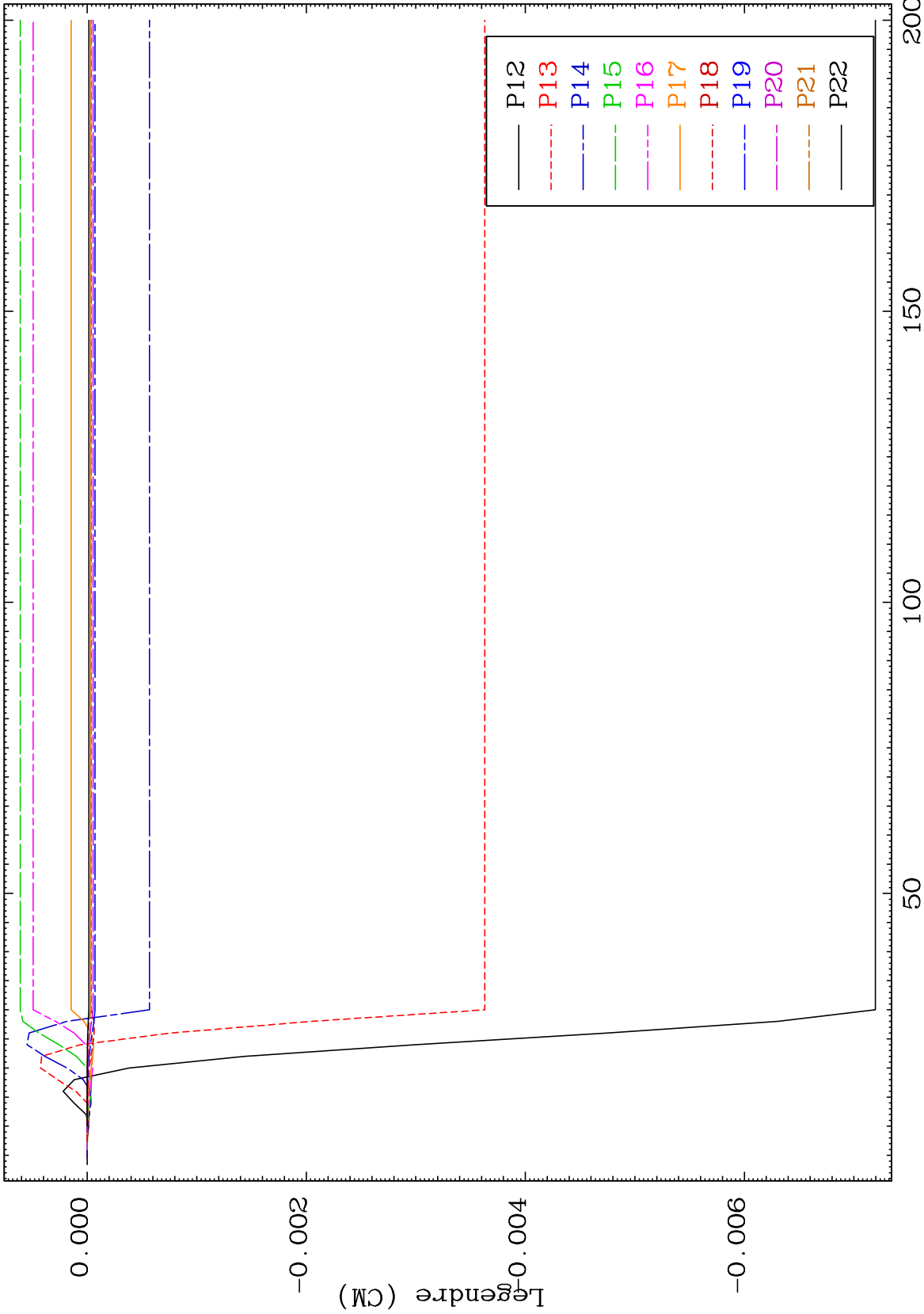
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



68

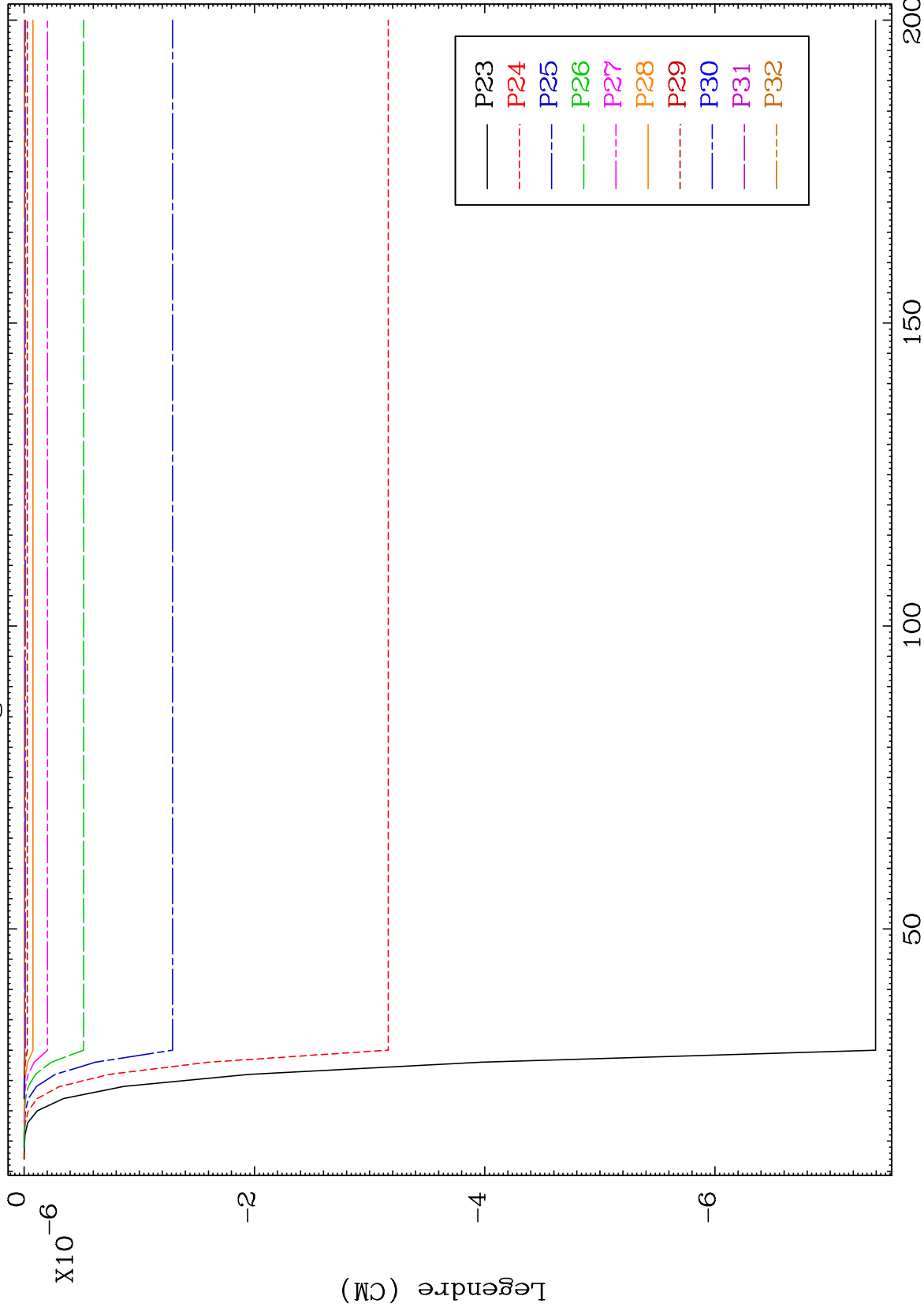
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



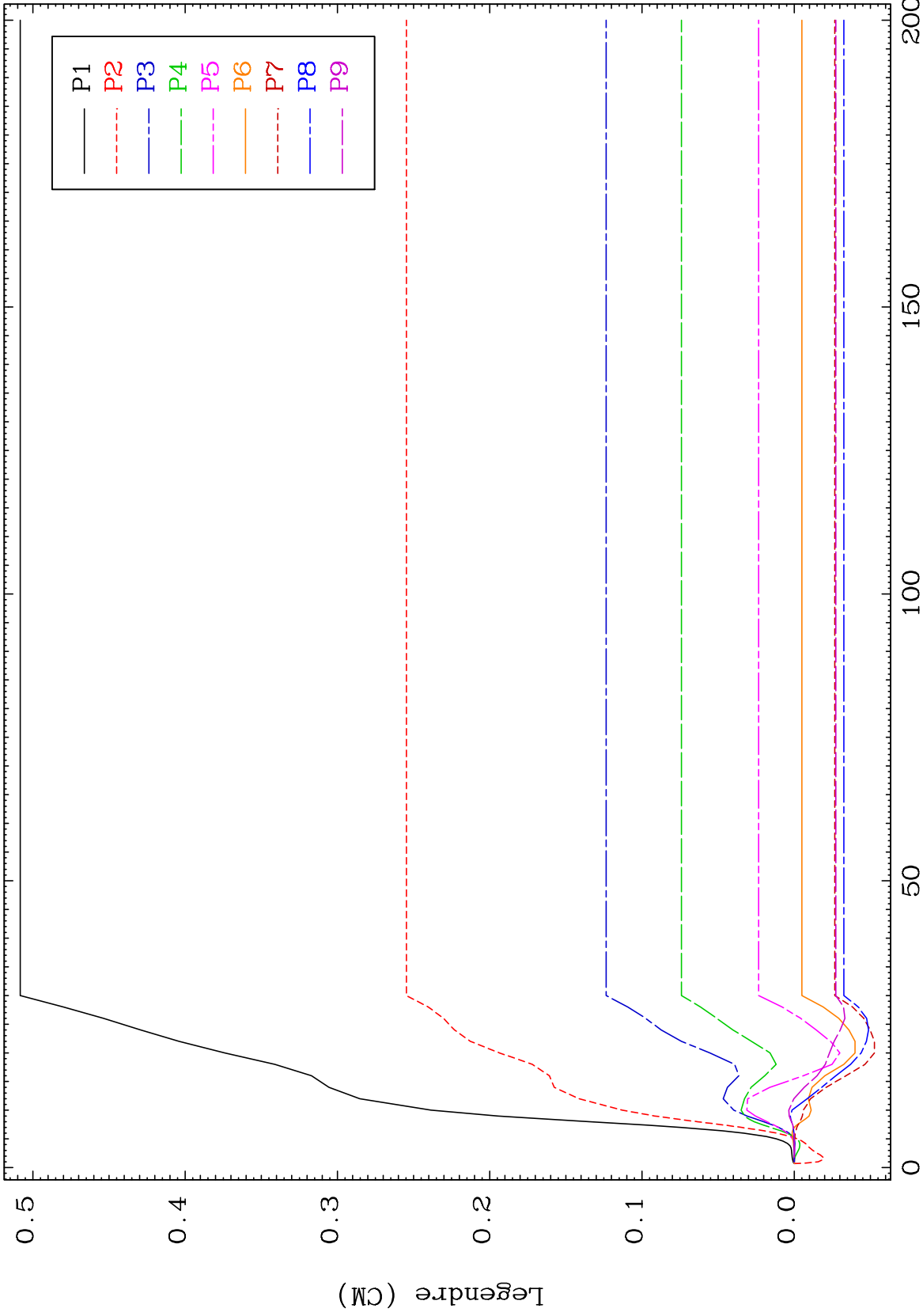
69

34-Se-73

MAT 3422

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

³⁴Se-73



70

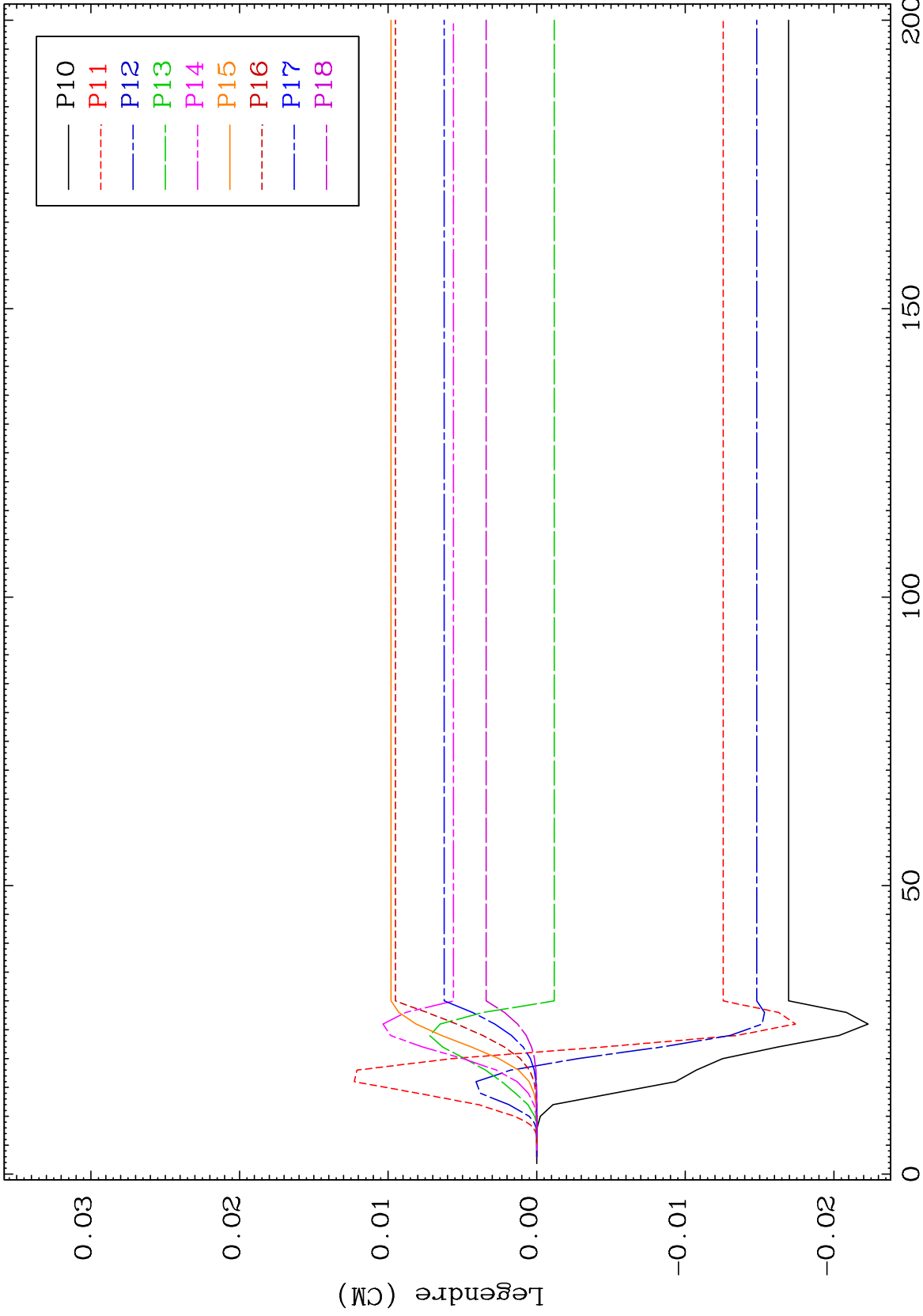
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



71

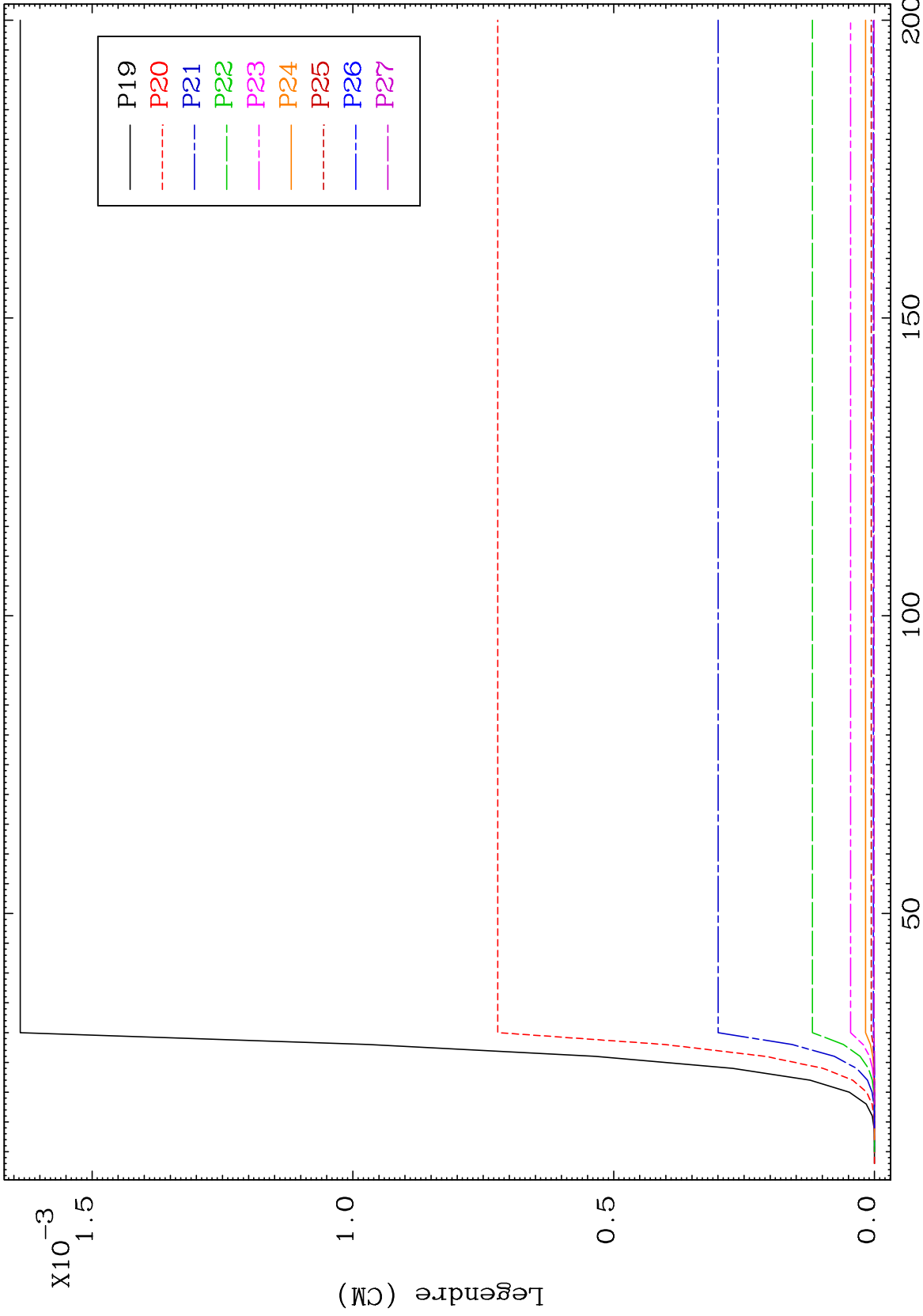
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



72

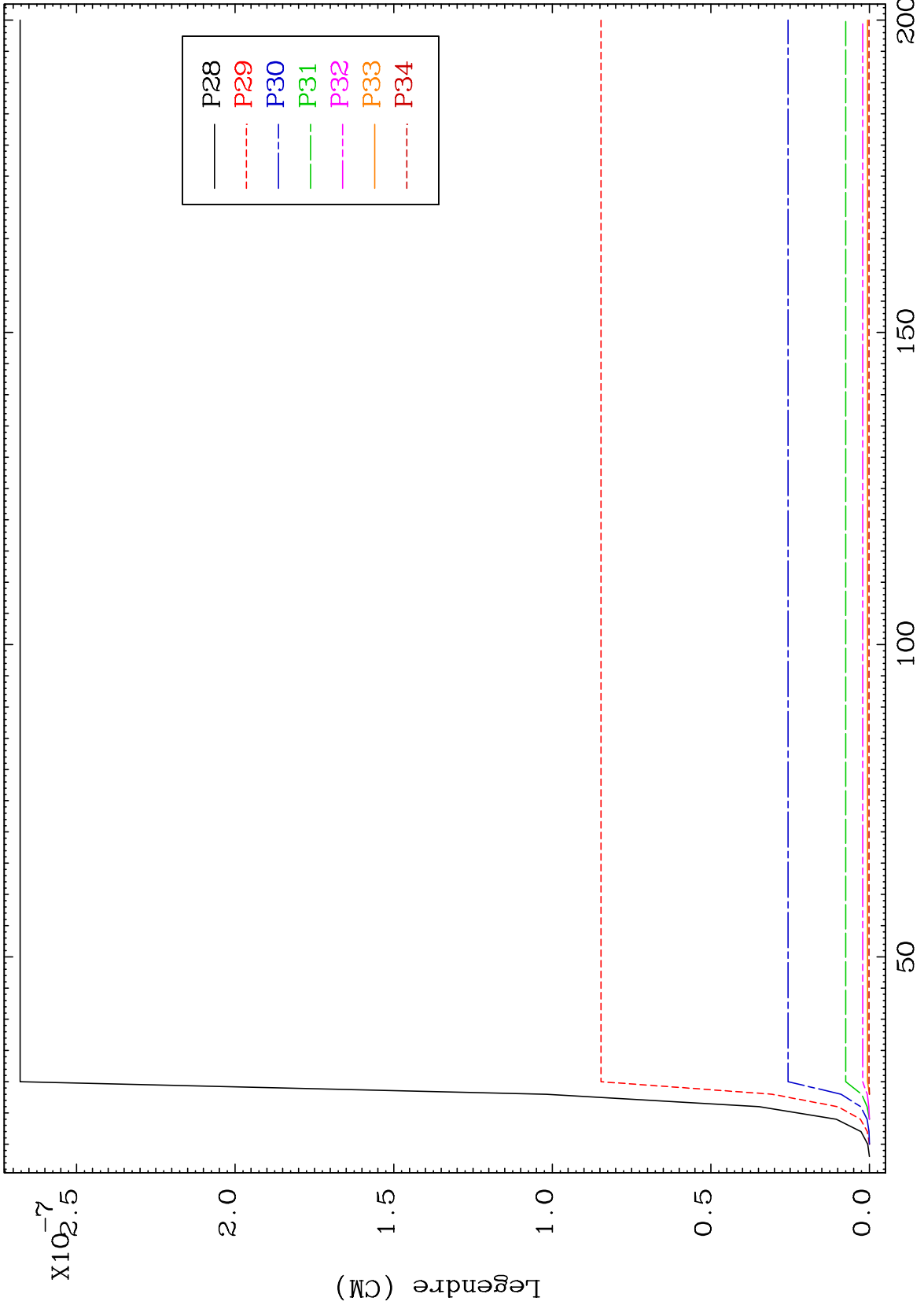
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



73

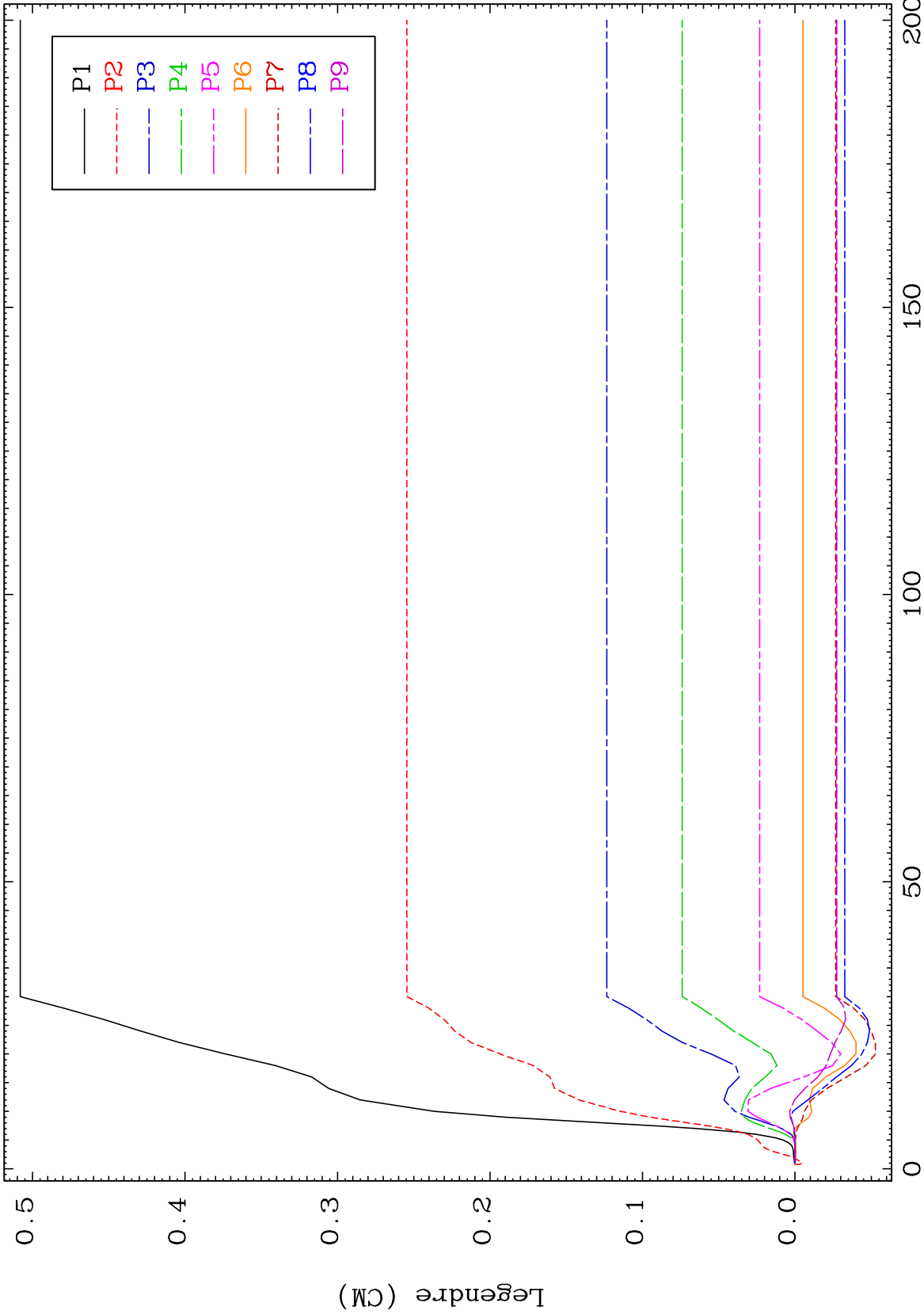
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



74

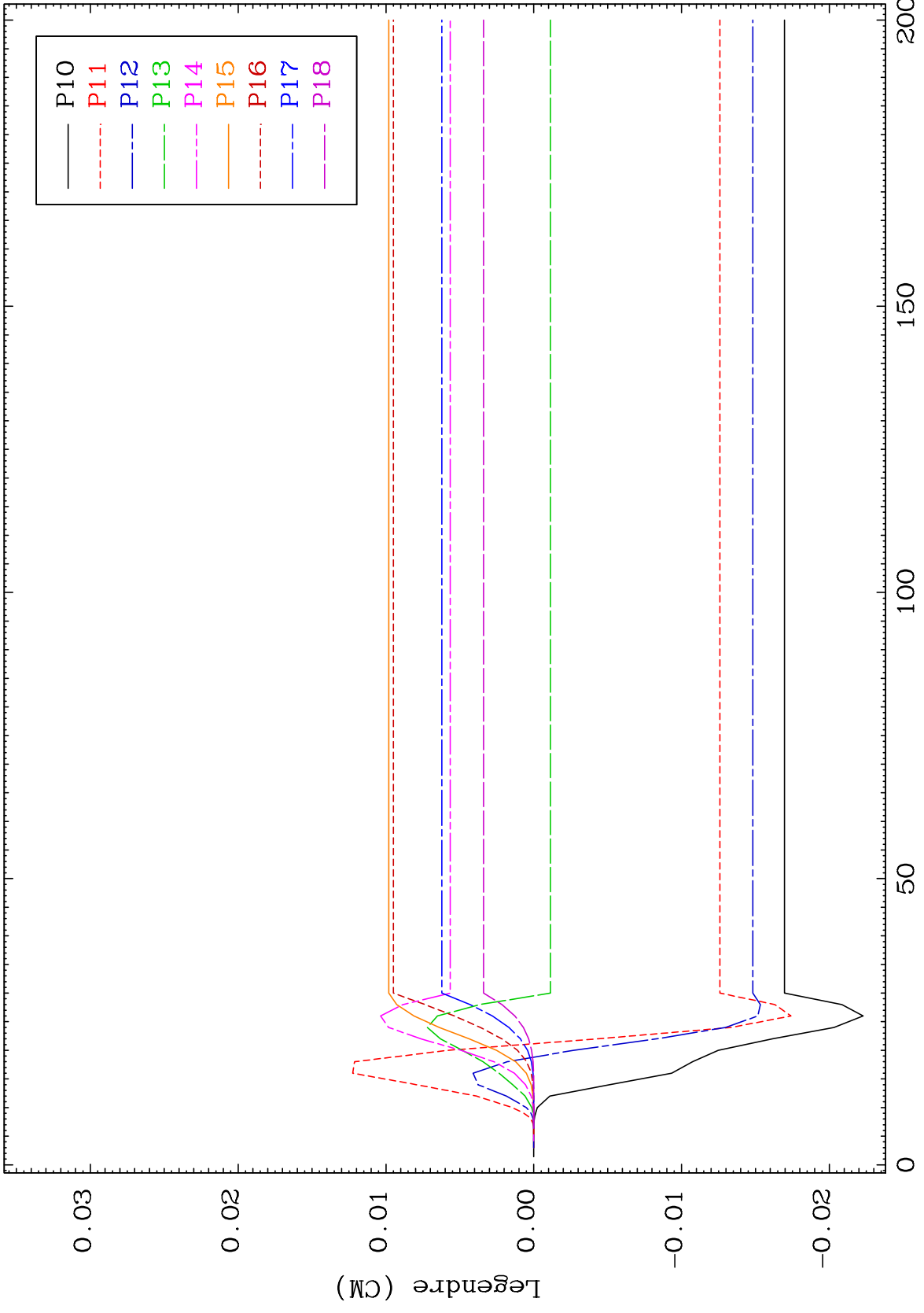
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



75

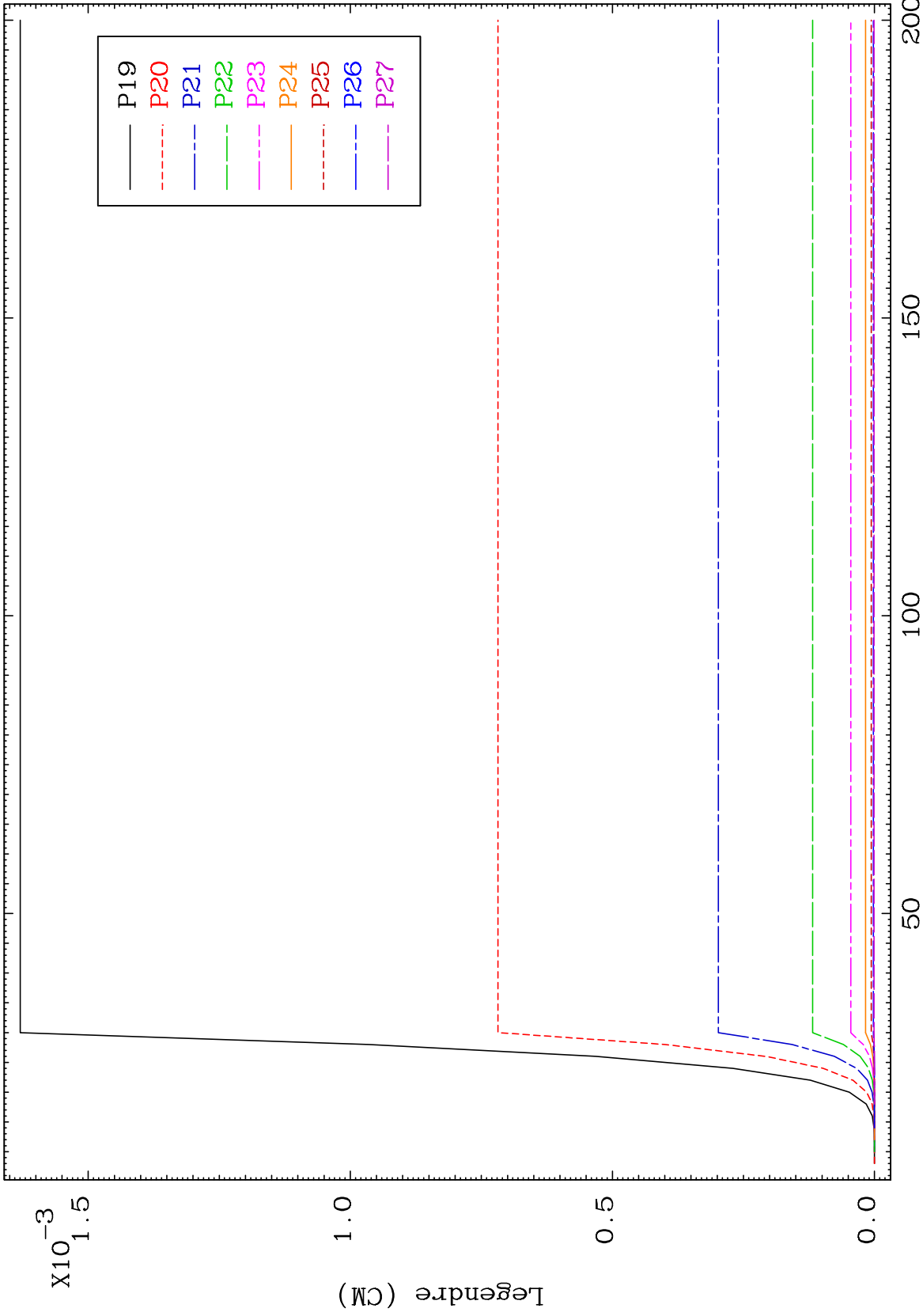
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



76

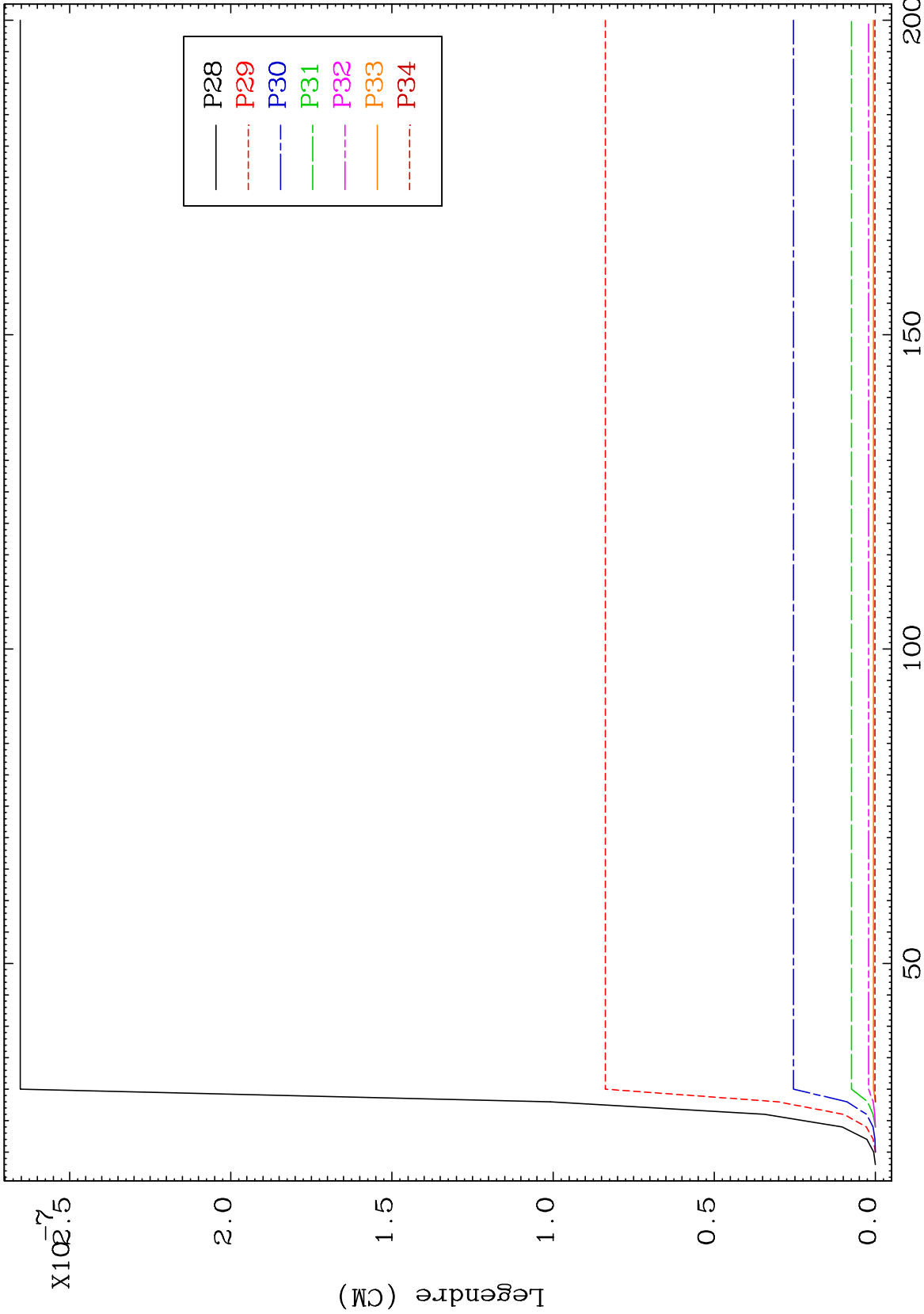
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



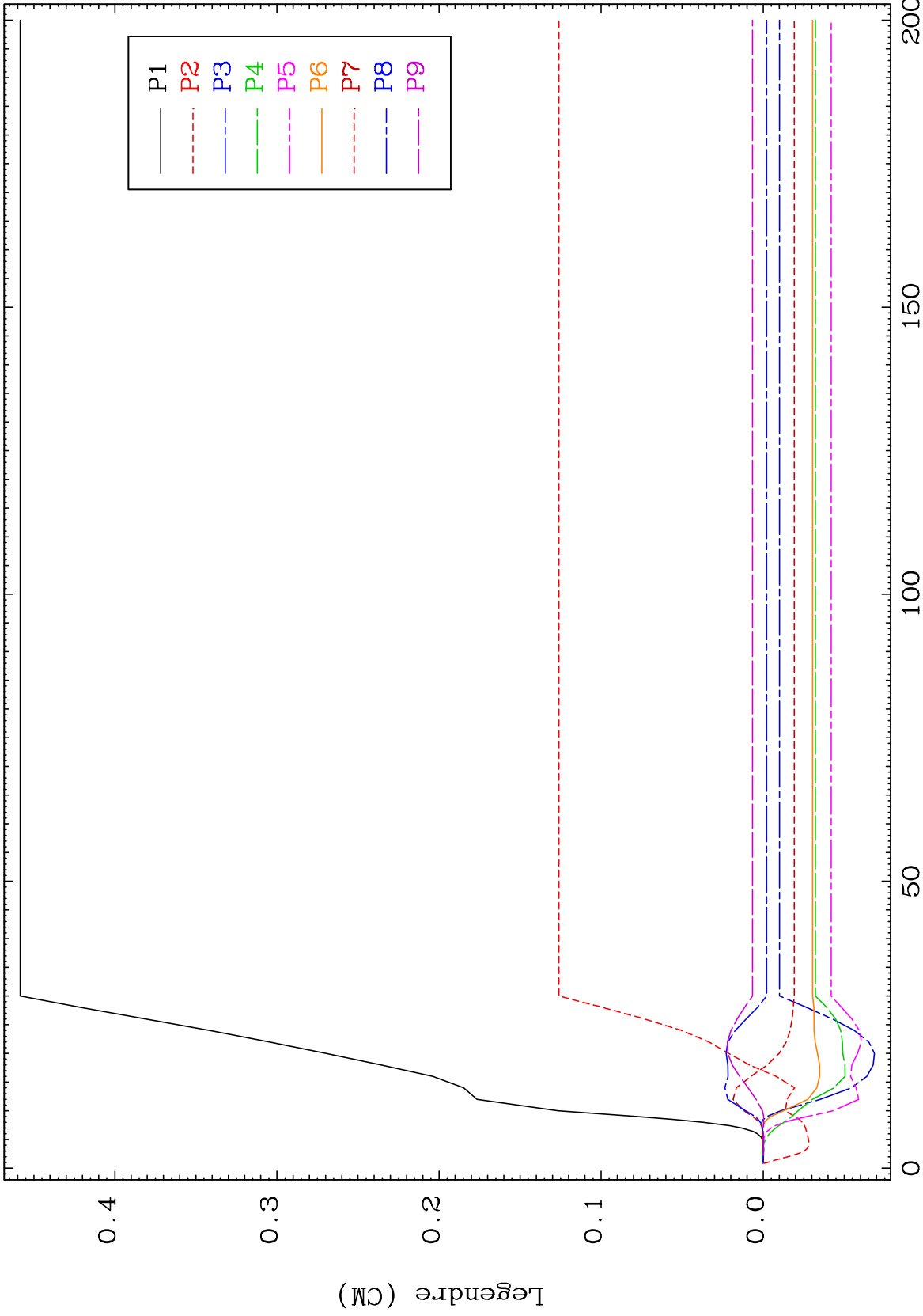
77

34-Se-73

MAT 3422

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

³⁴Se-73



78

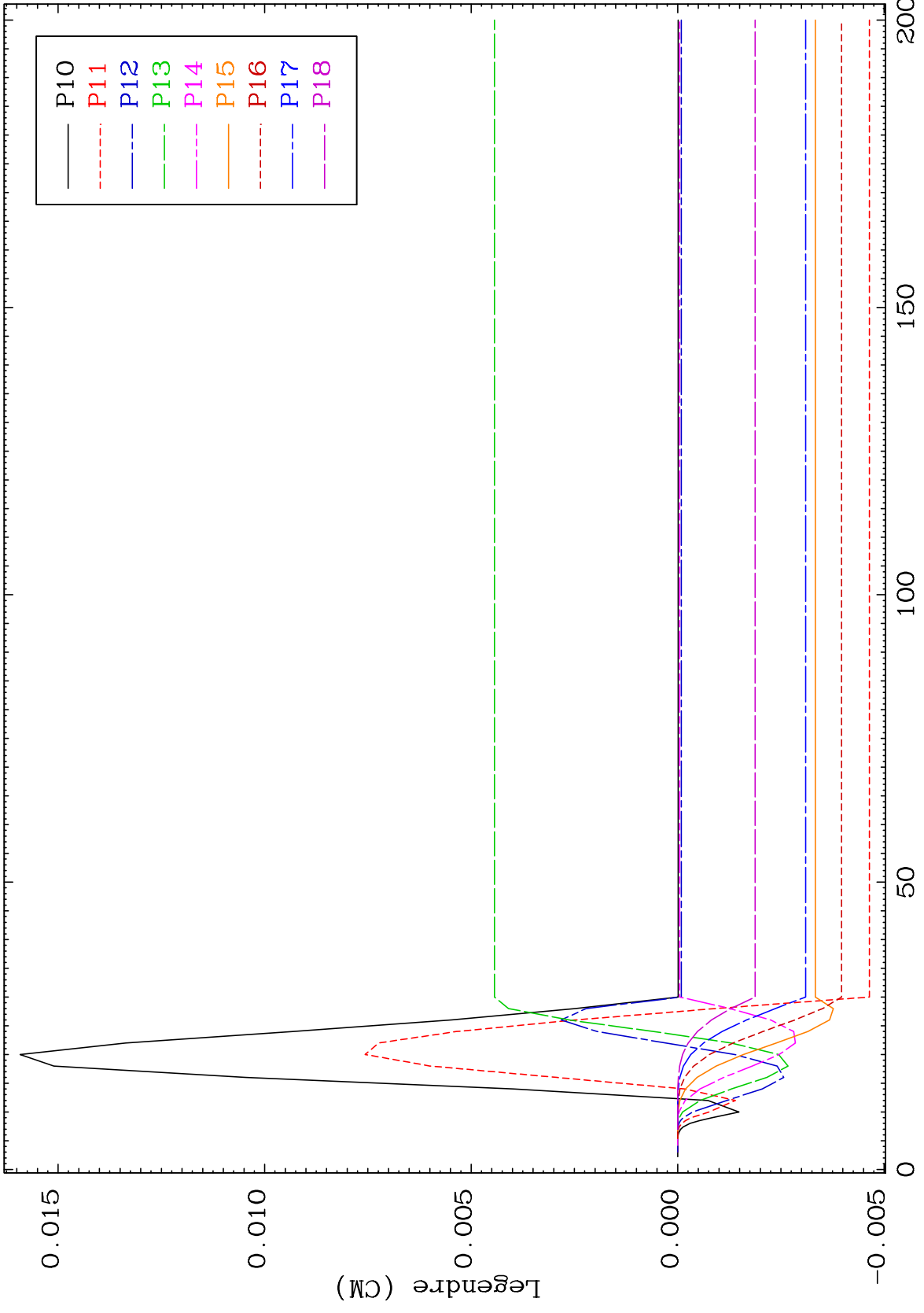
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



79

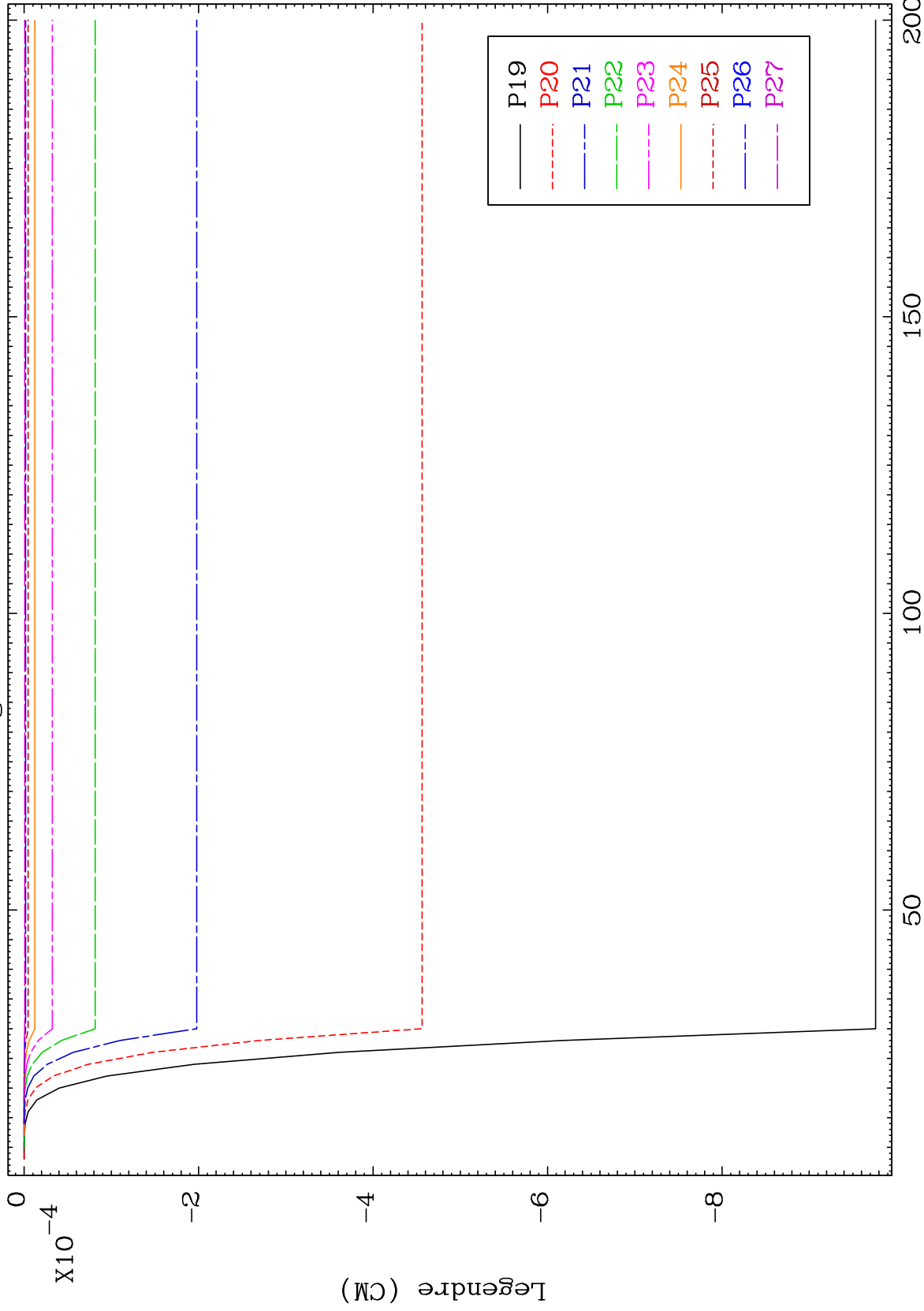
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



80

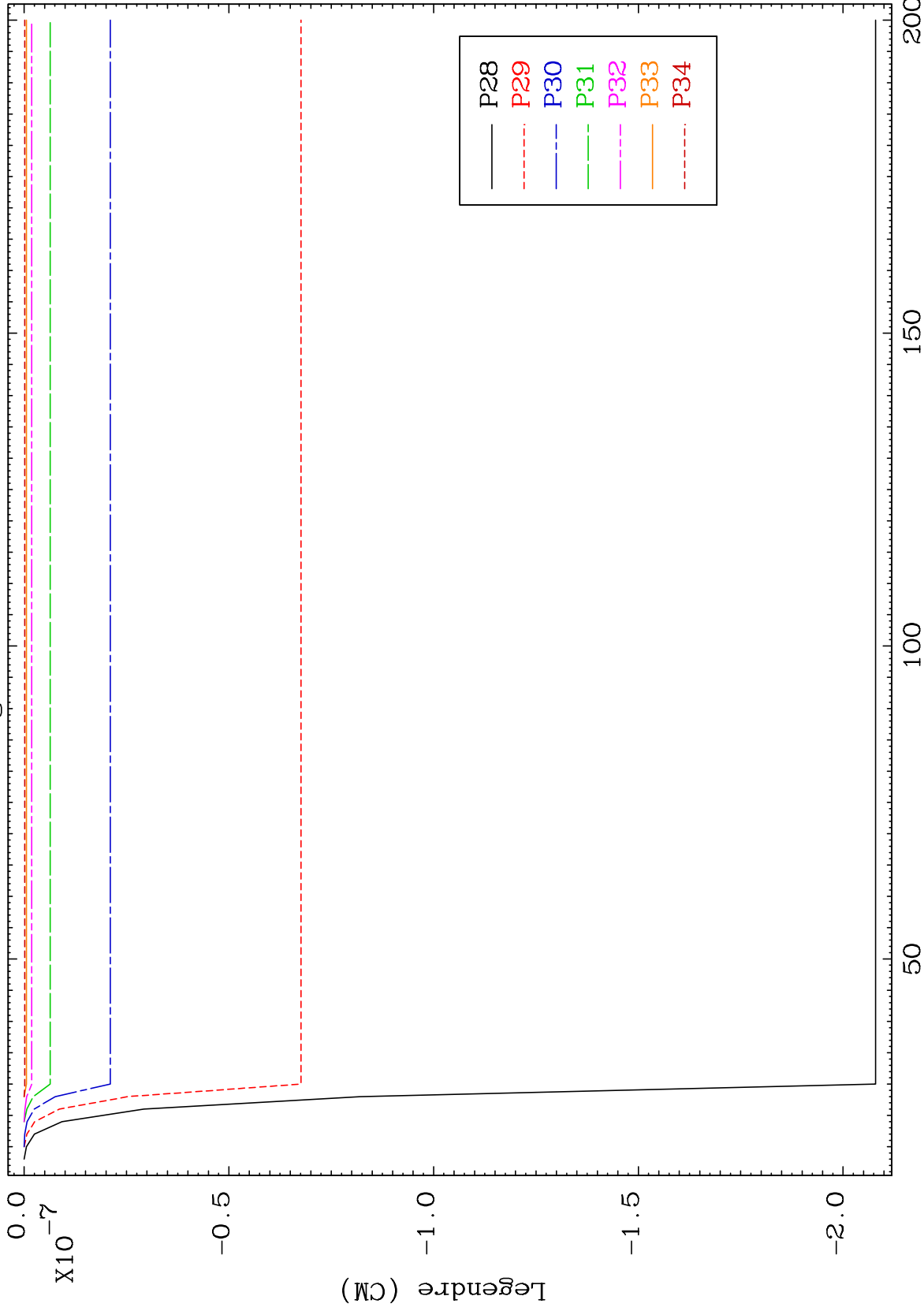
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



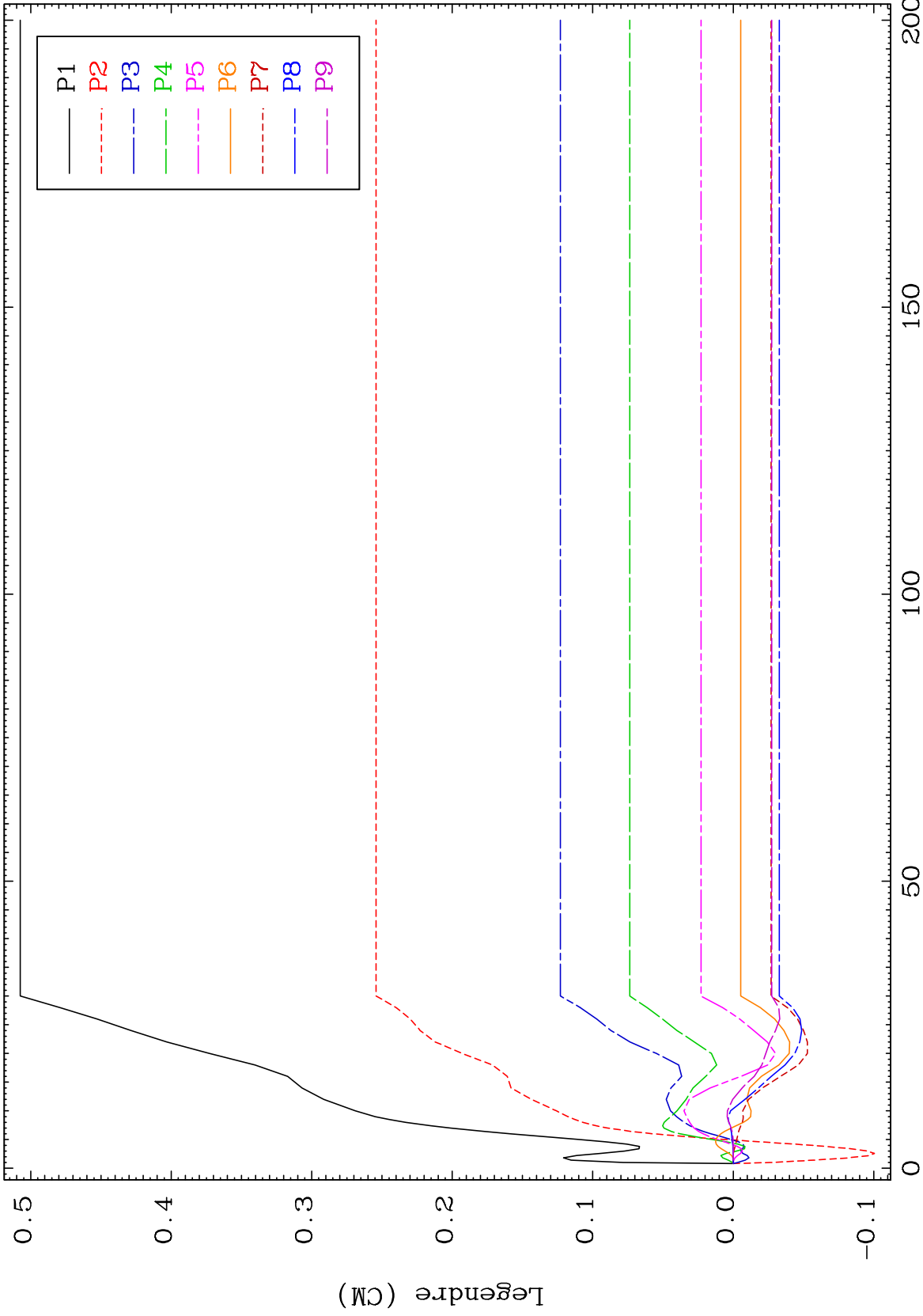
81

34-Se-73

MAT 3422

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

³⁴Se-73



82

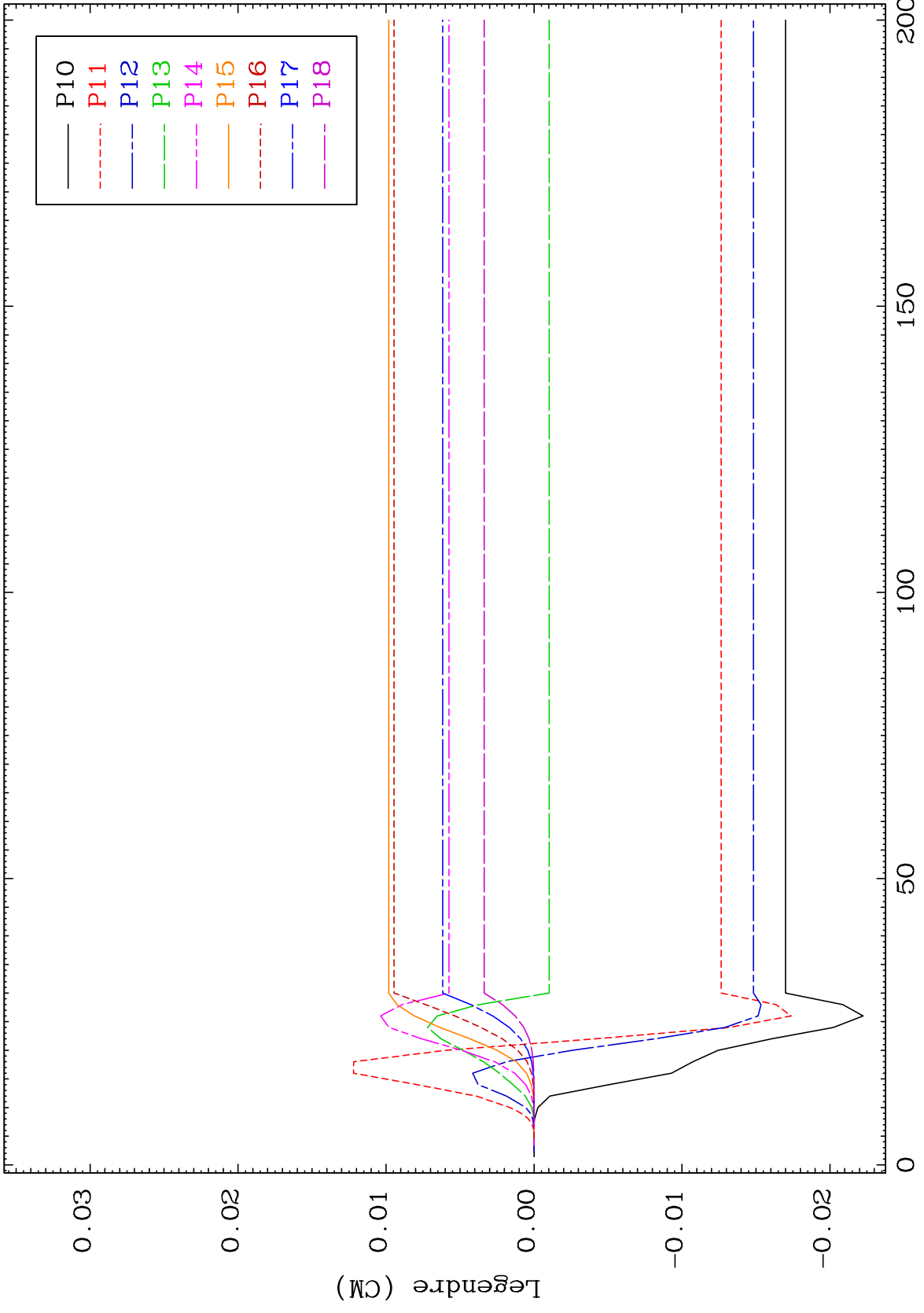
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

³⁴Se-73



83

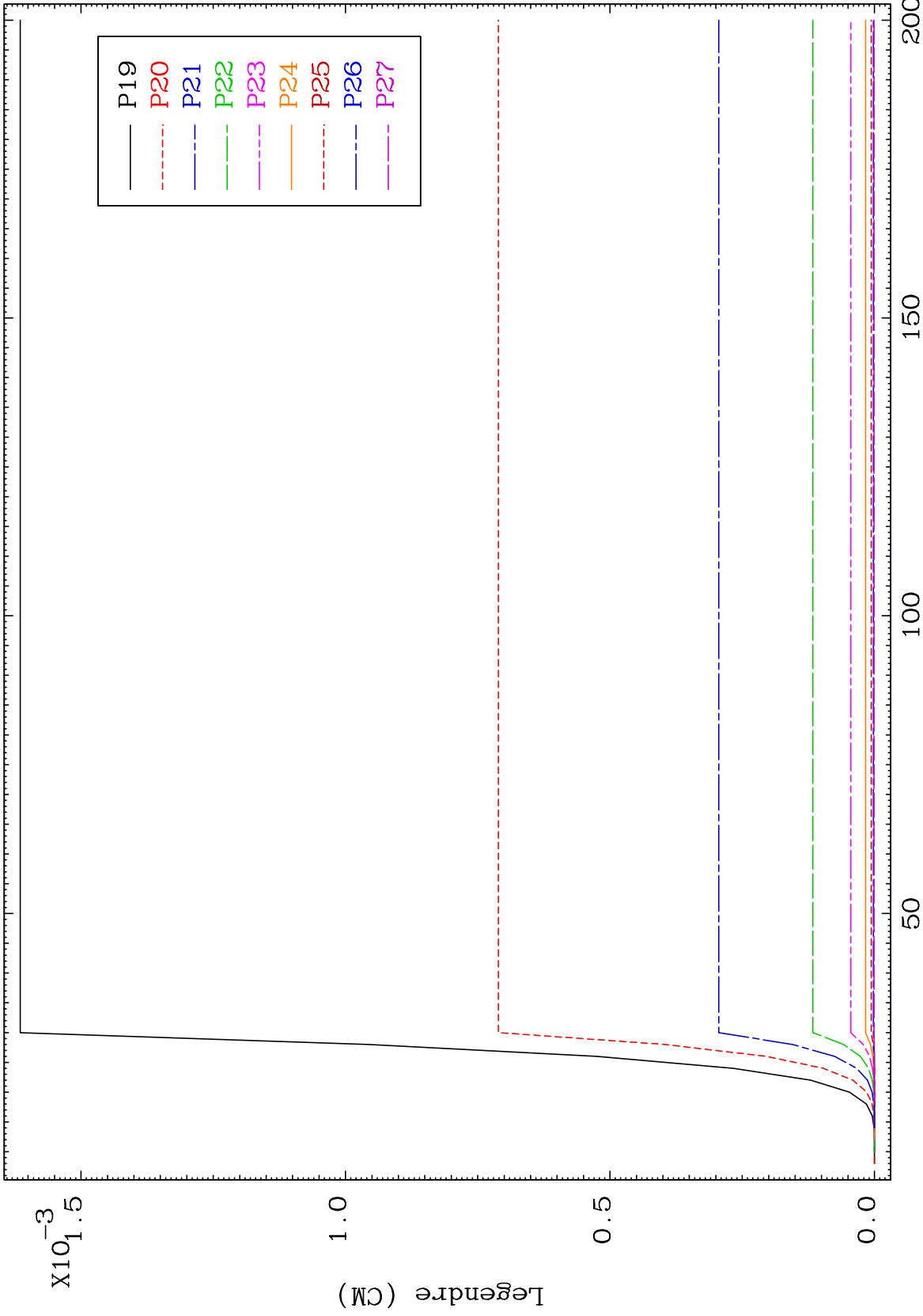
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



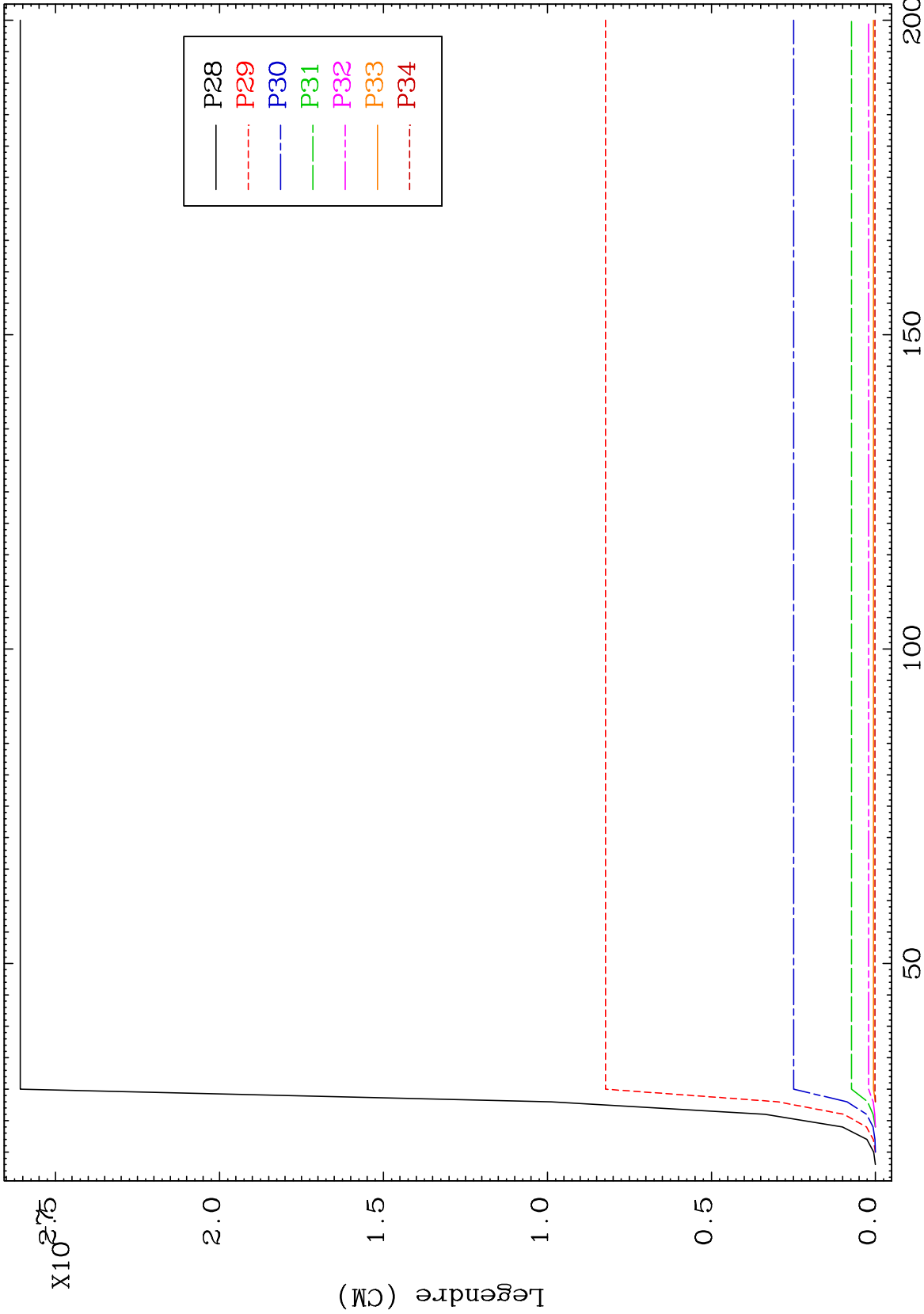
84

34-Se-73

MAT 3422

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

34-Se-73



85

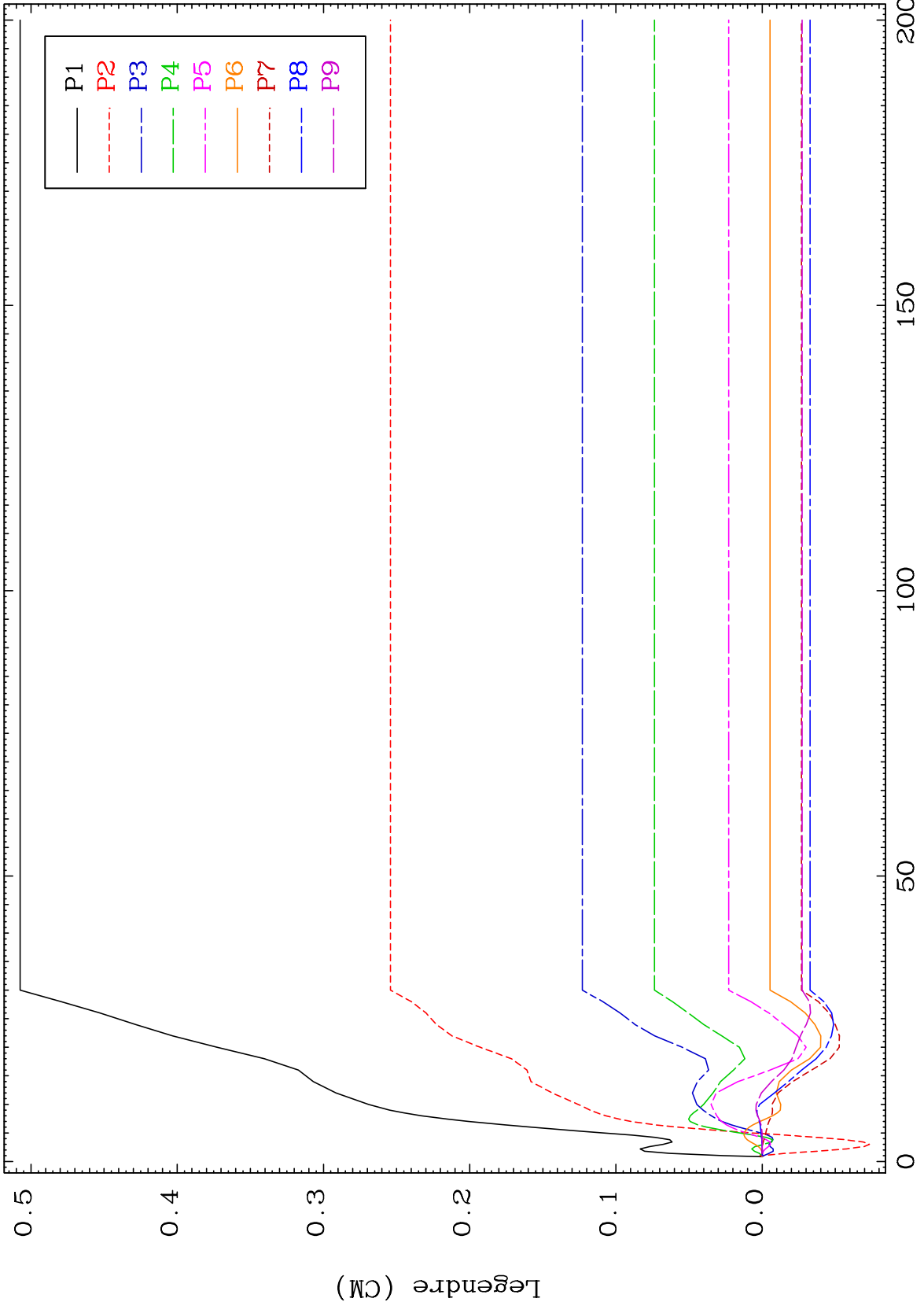
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



86

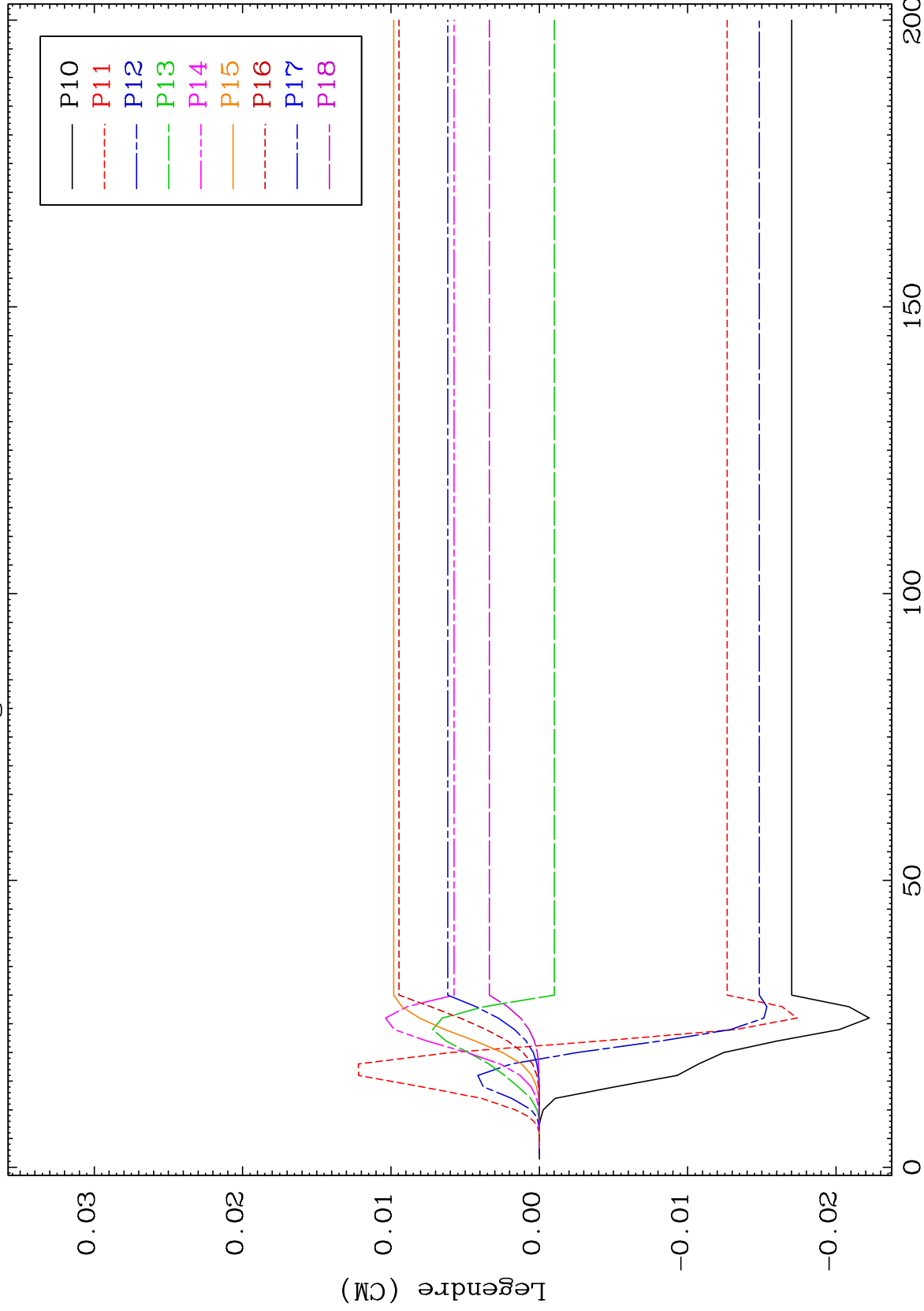
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



87

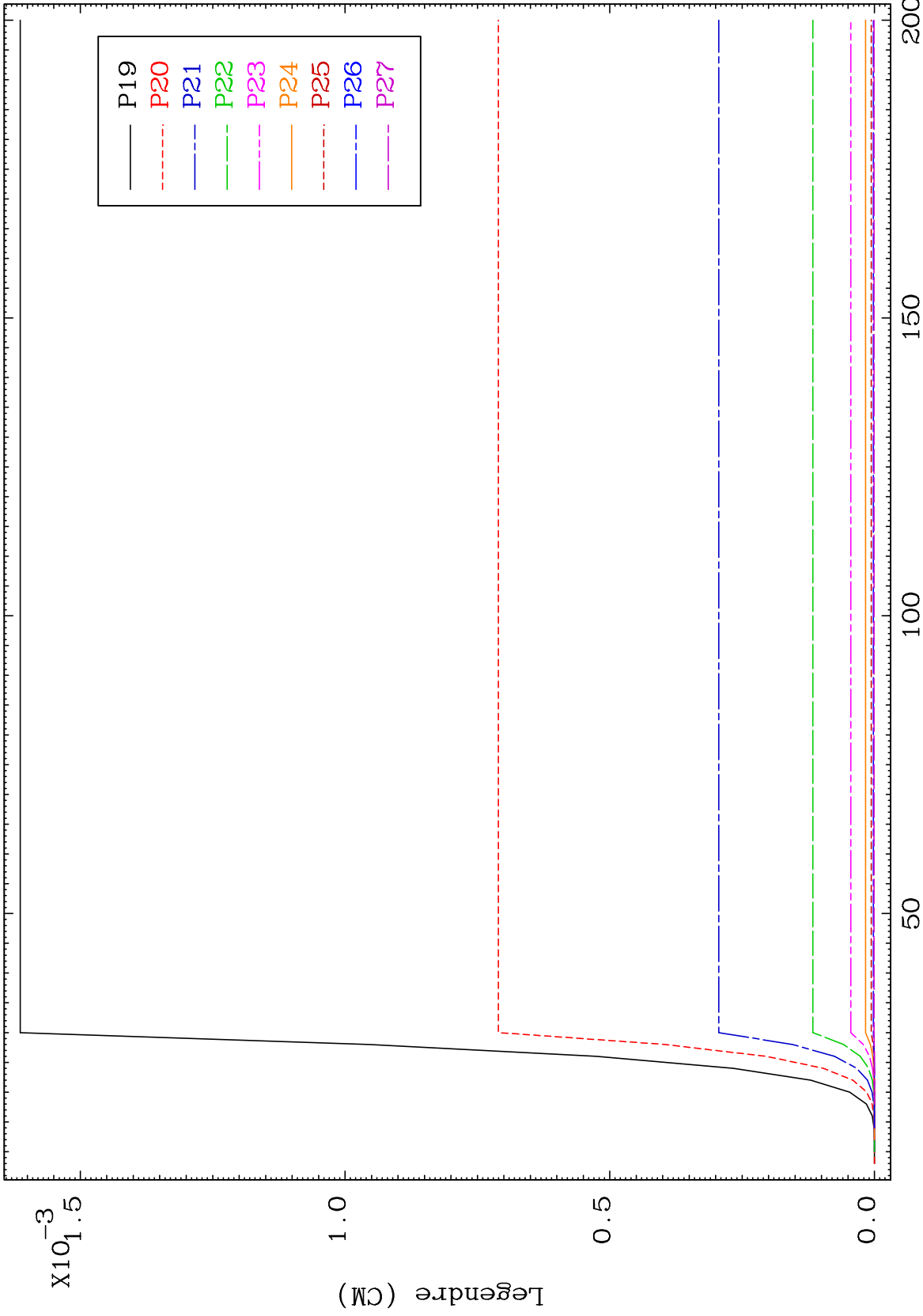
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



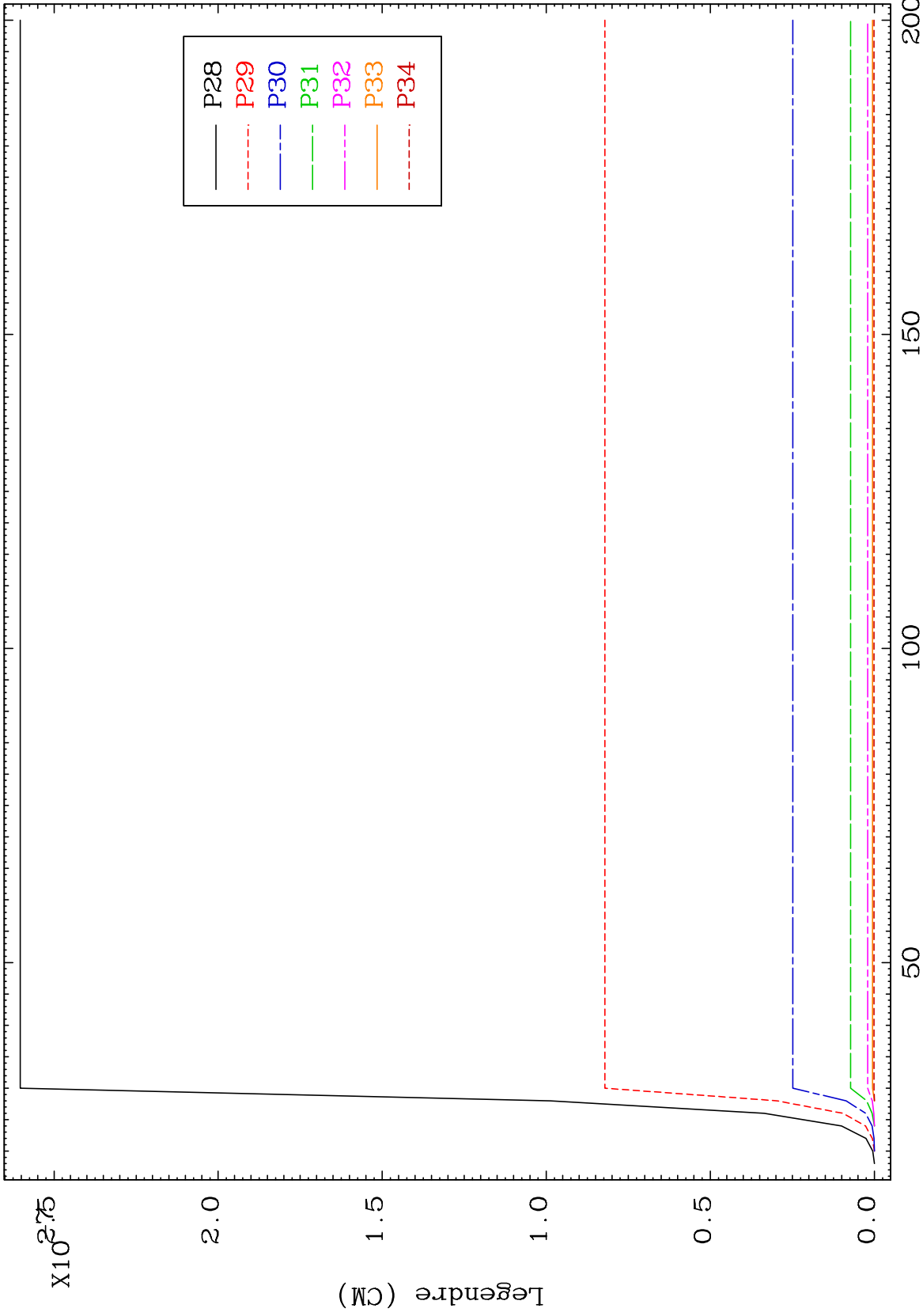
88

34-Se-73

MAT 3422

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

34-Se-73



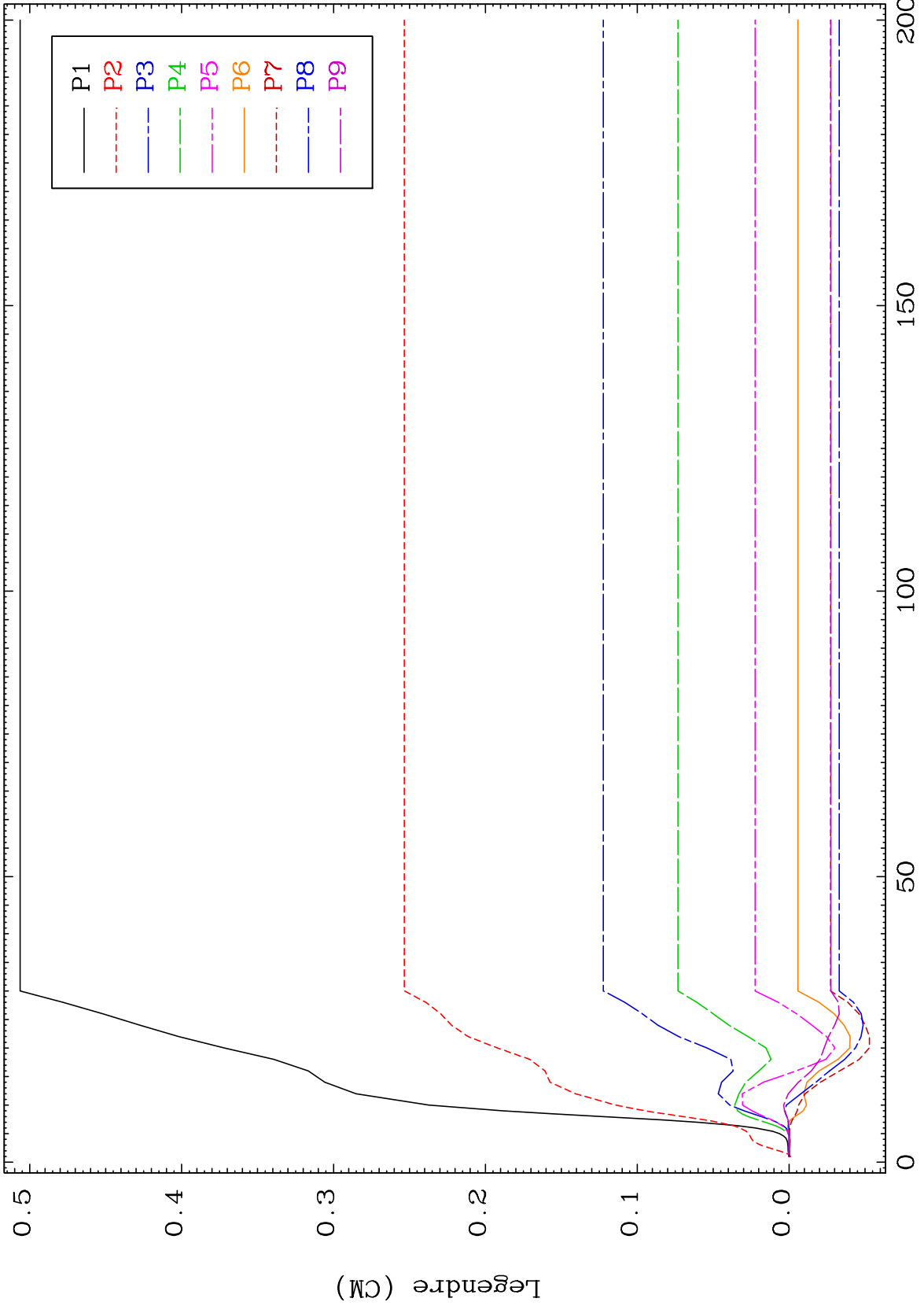
89

34-Se-73

MAT 3422

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

34-Se-73



90

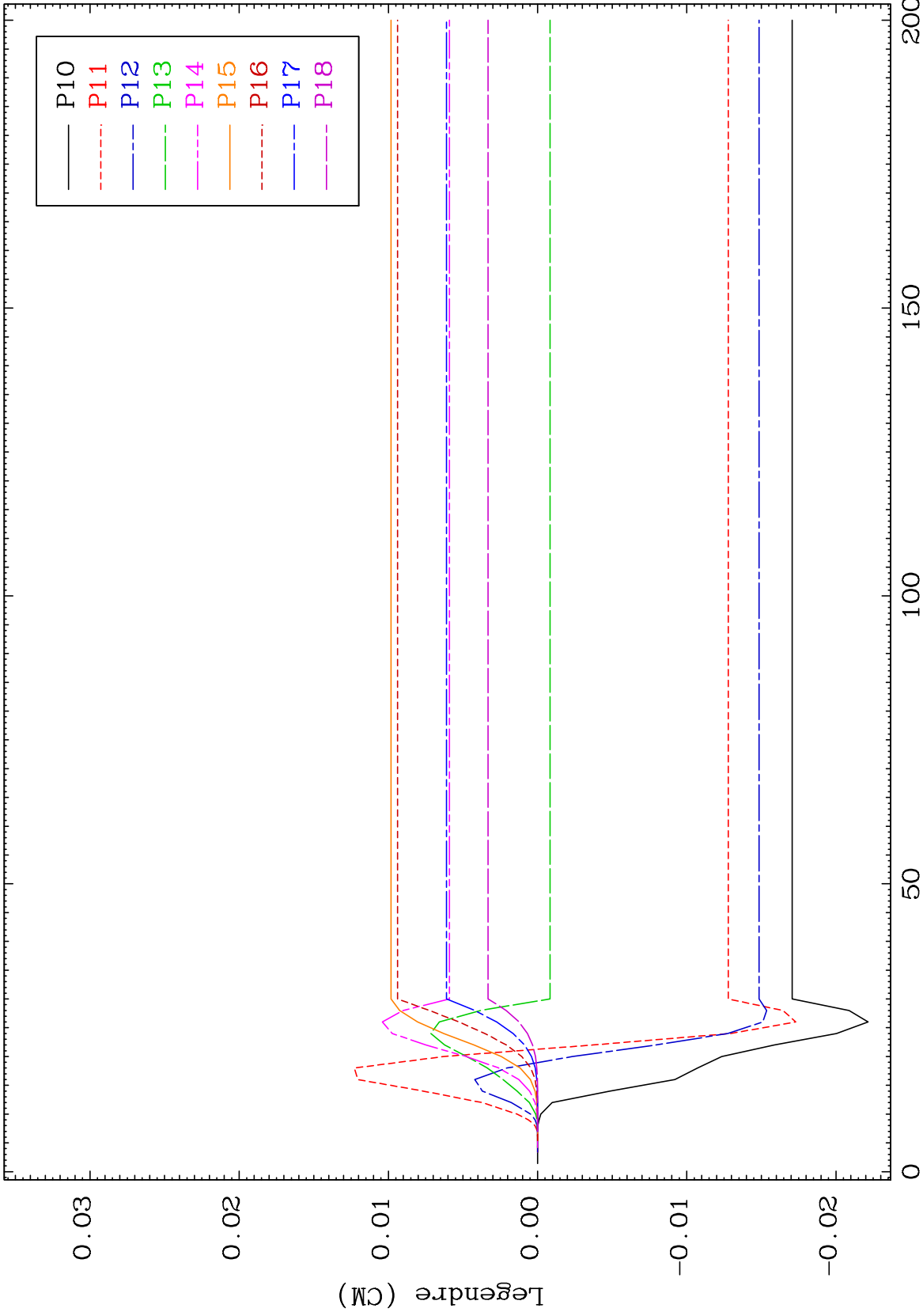
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



91

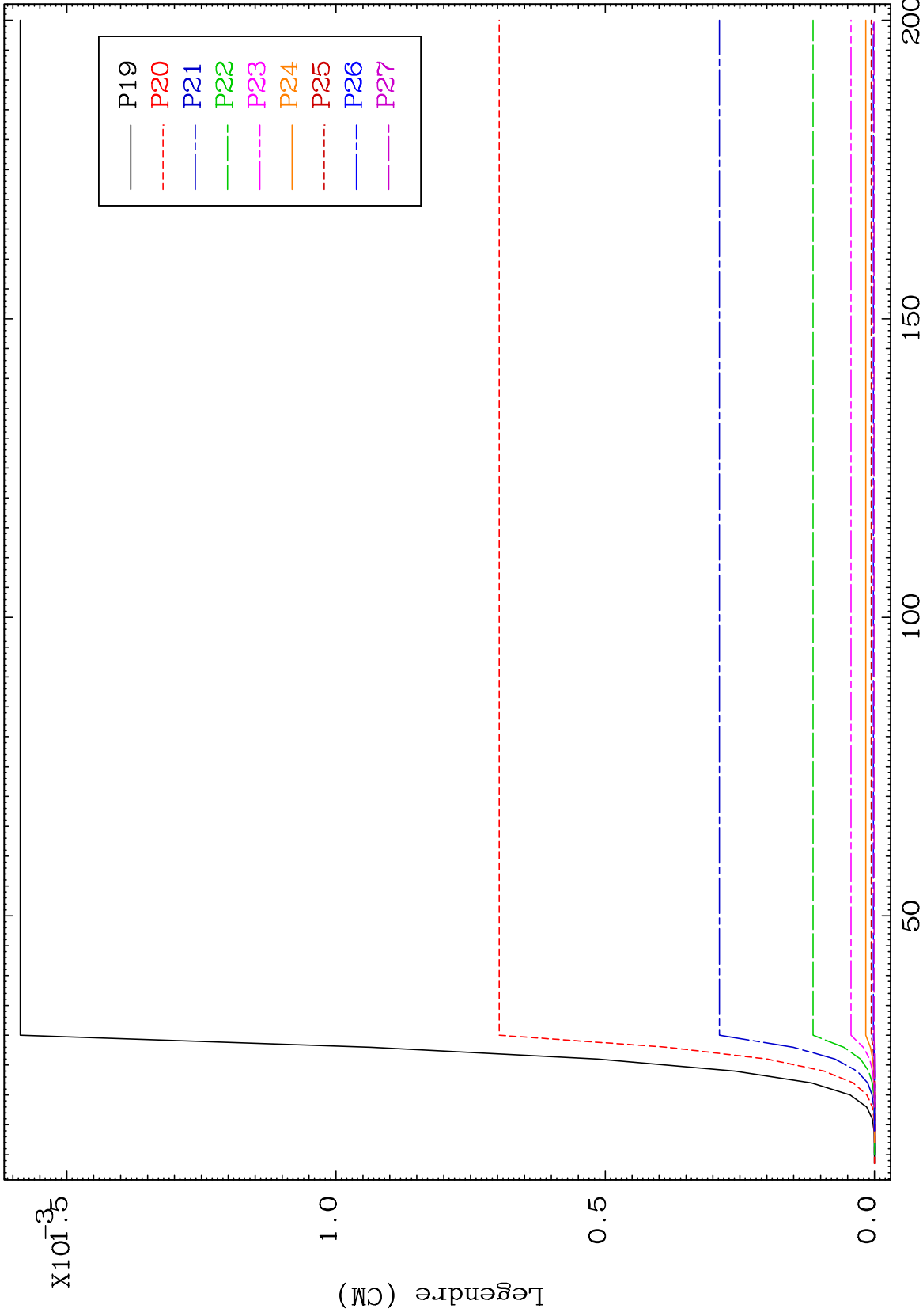
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



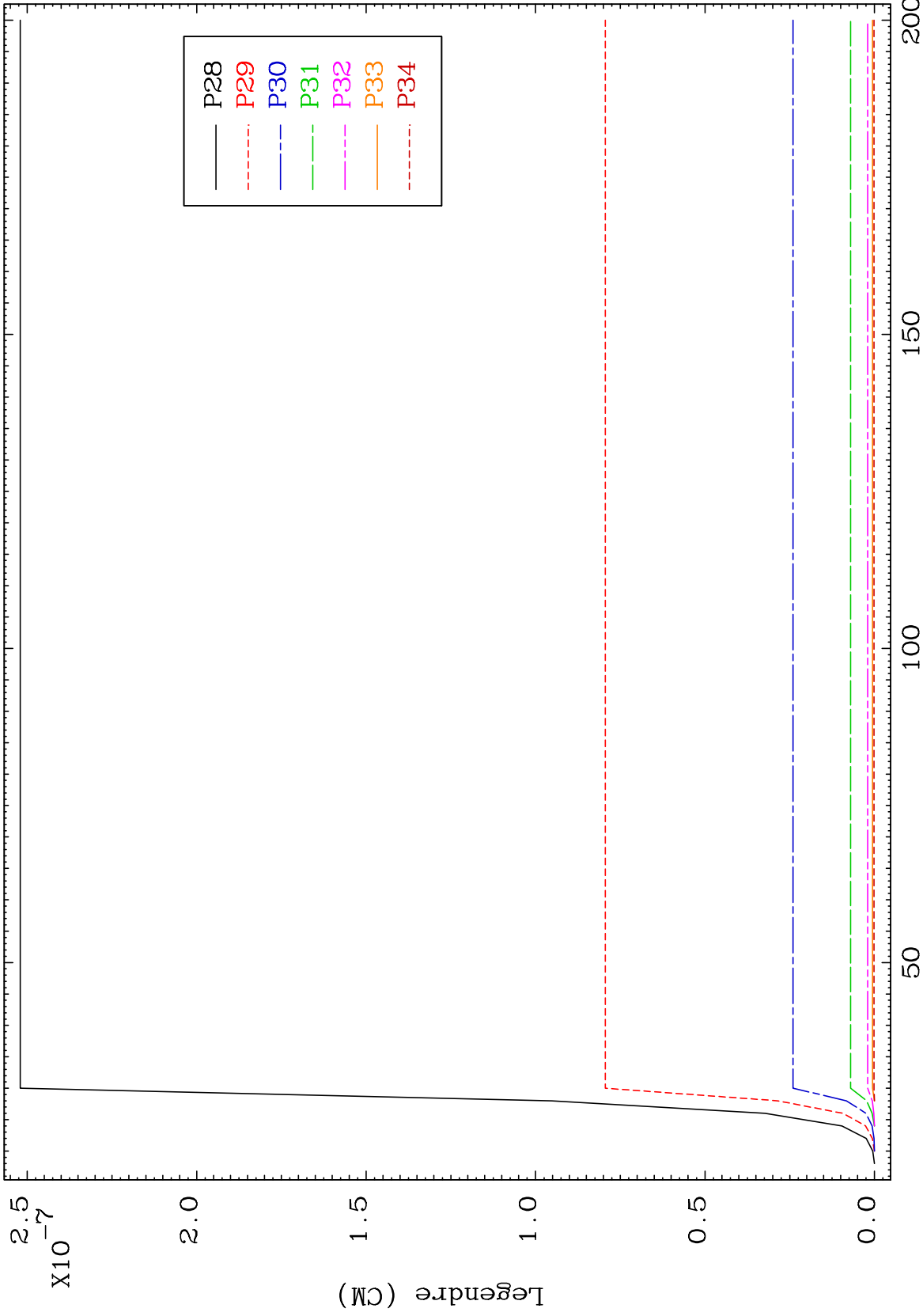
92

34-Se-73

MAT 3422

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

34-Se-73



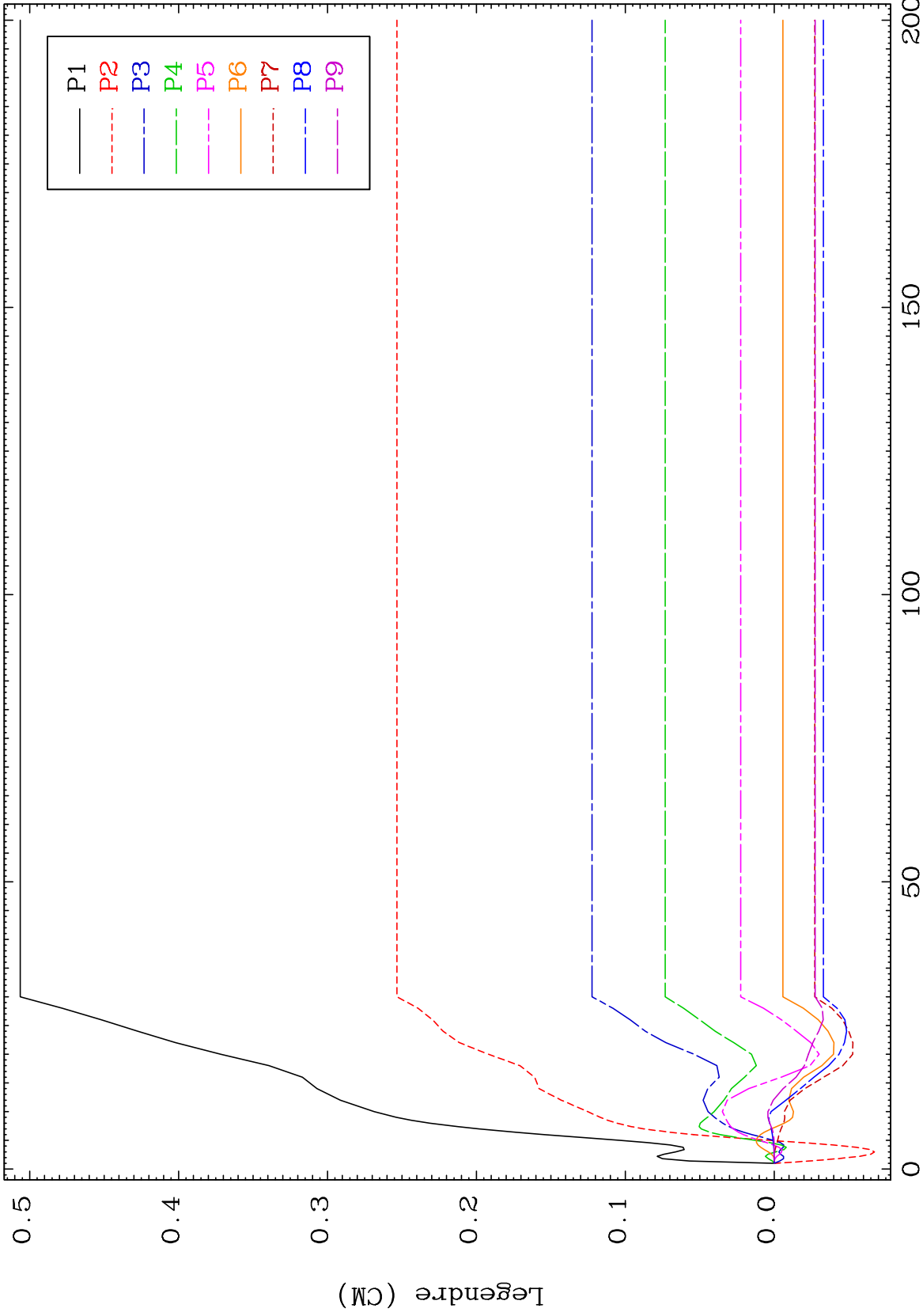
93

34-Se-73

MAT 3422

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

34-Se-73



94

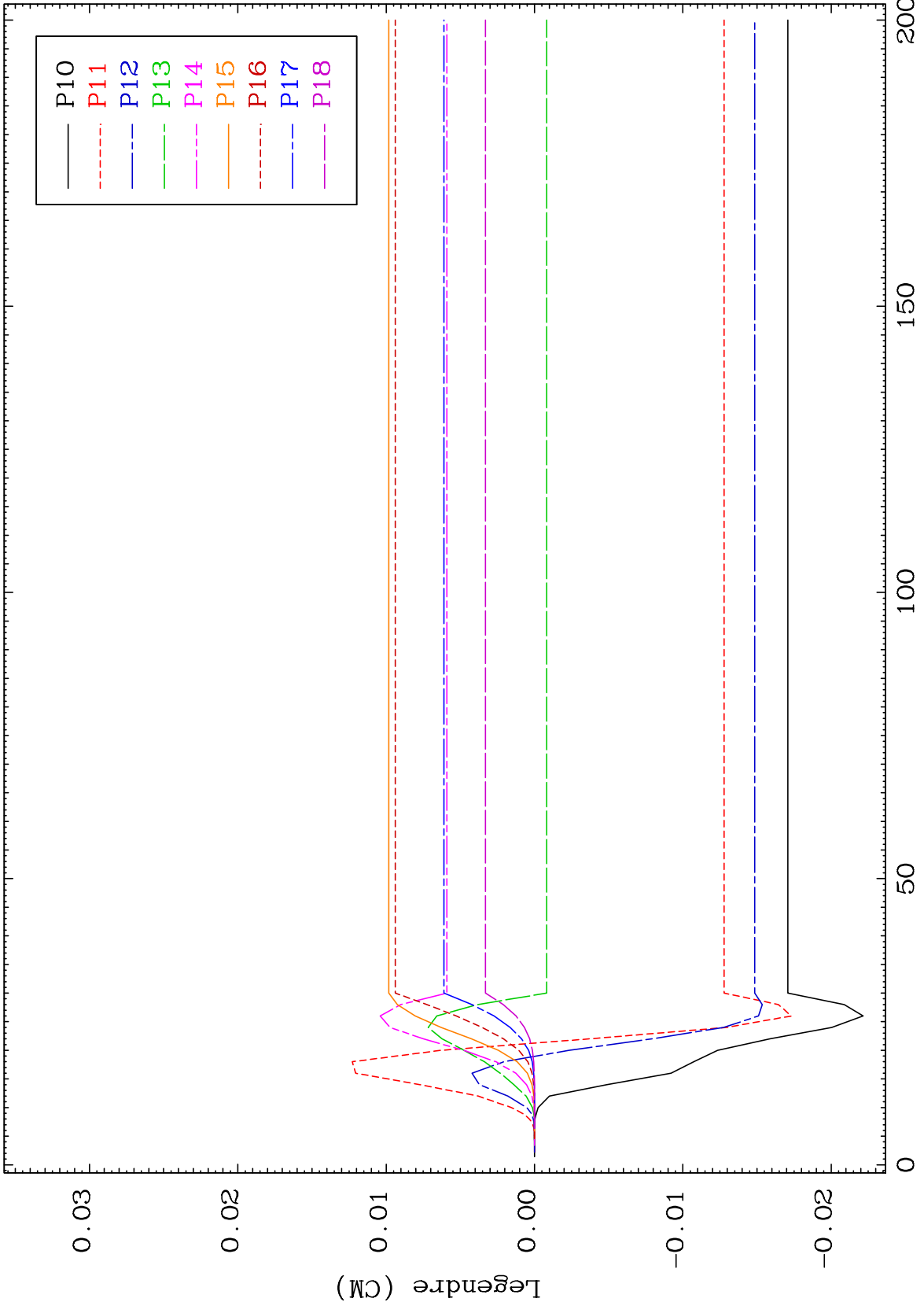
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



95

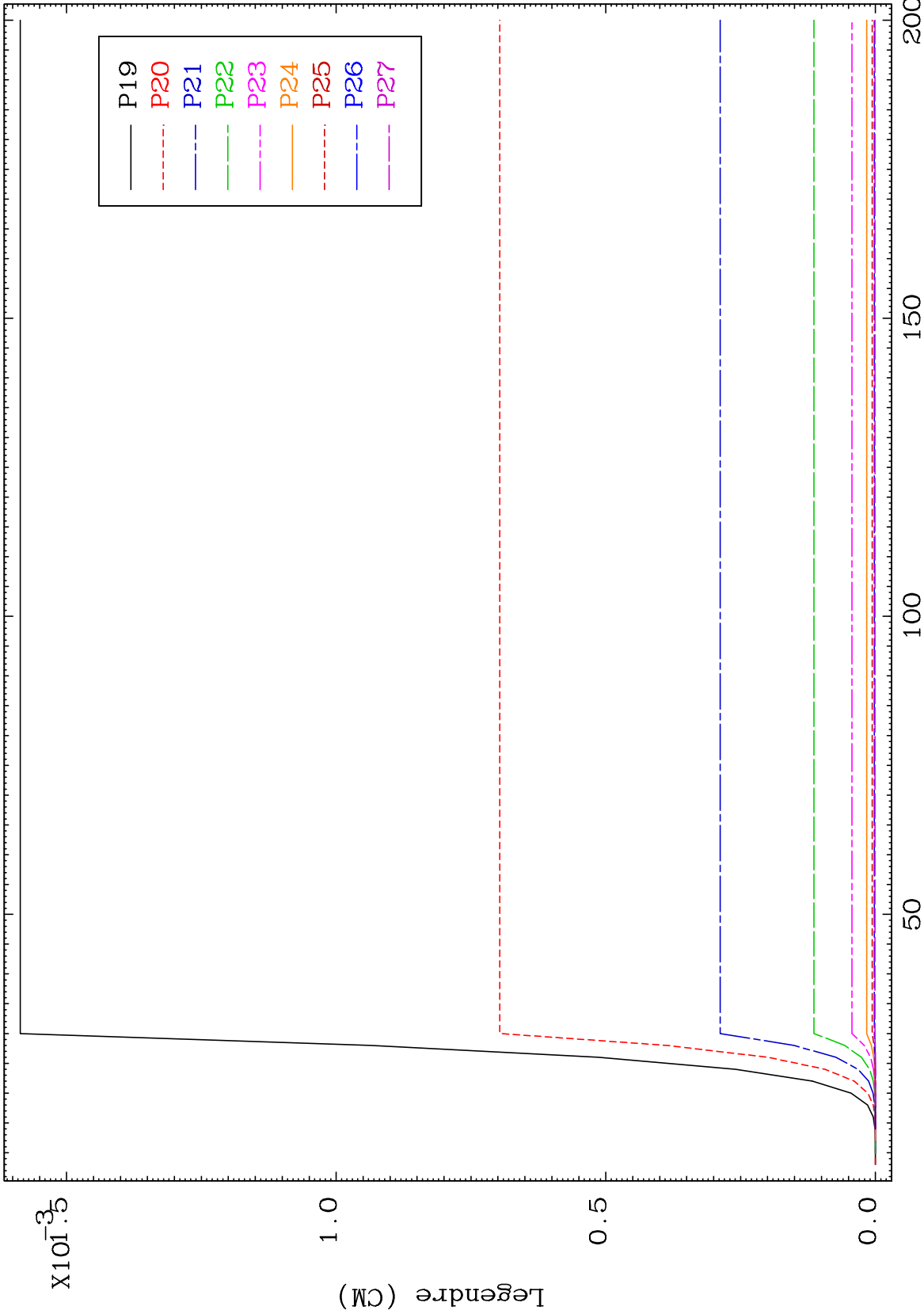
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



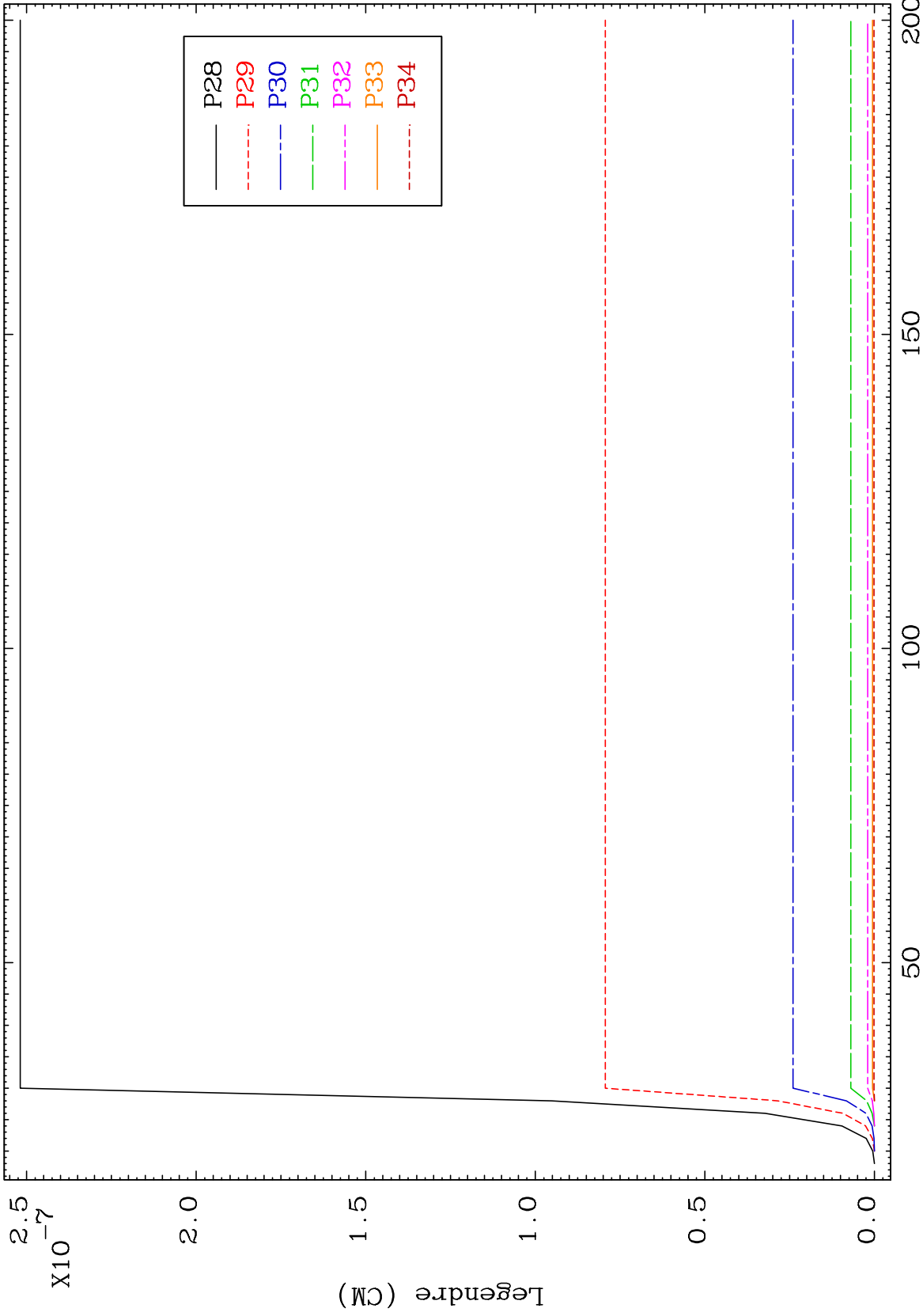
96

34-Se-73

MAT 3422

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

³⁴Se-73



97

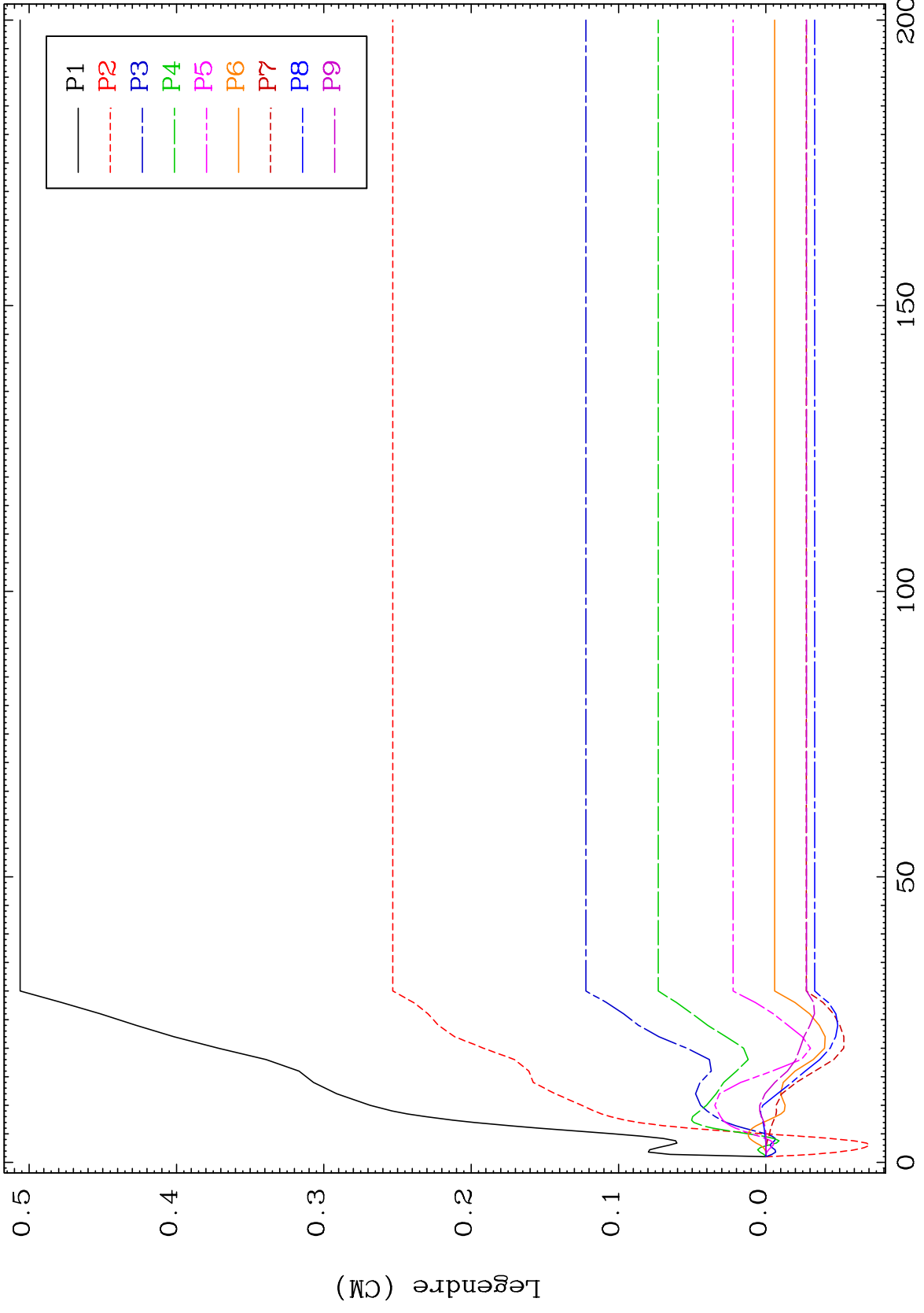
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



98

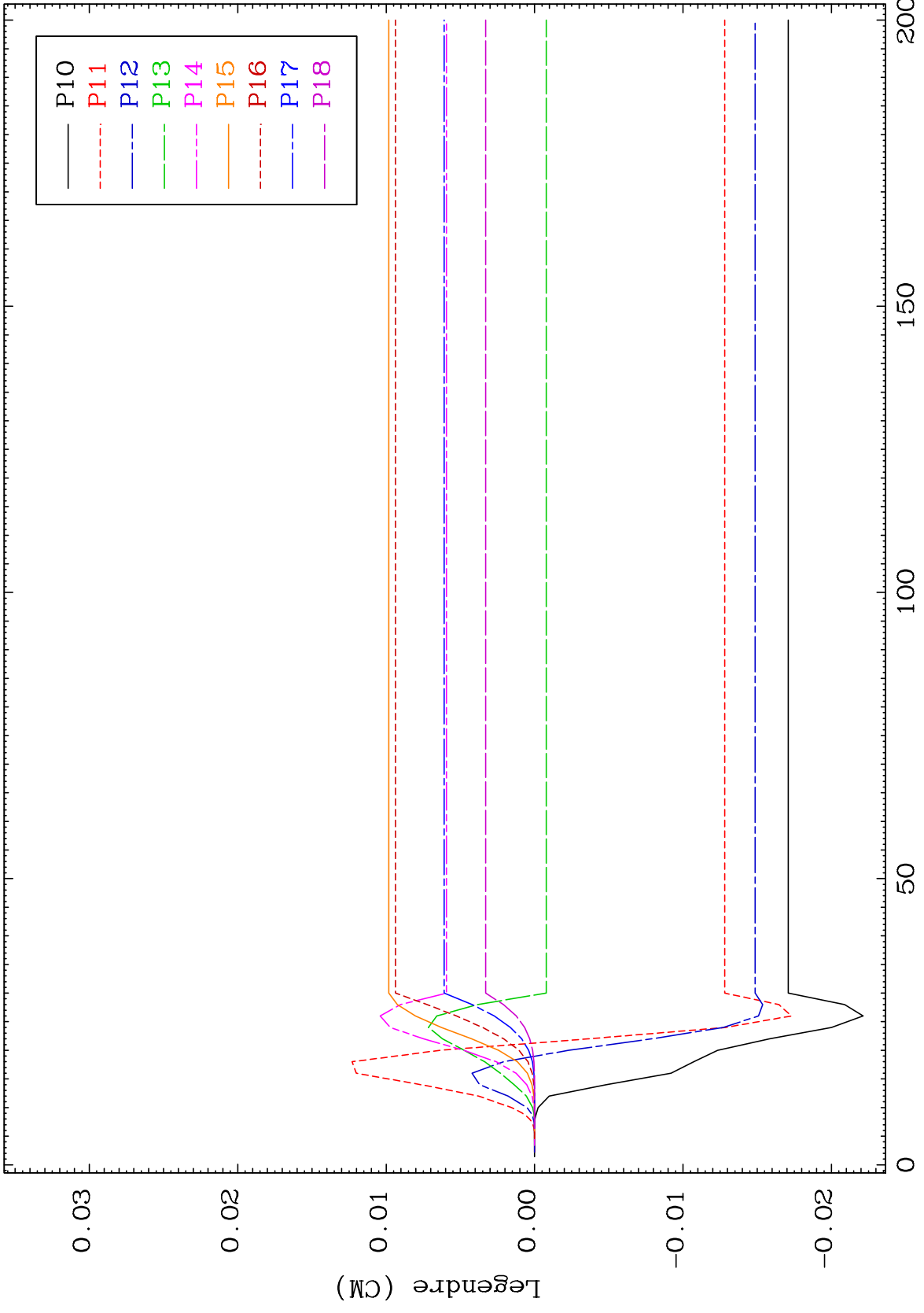
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



99

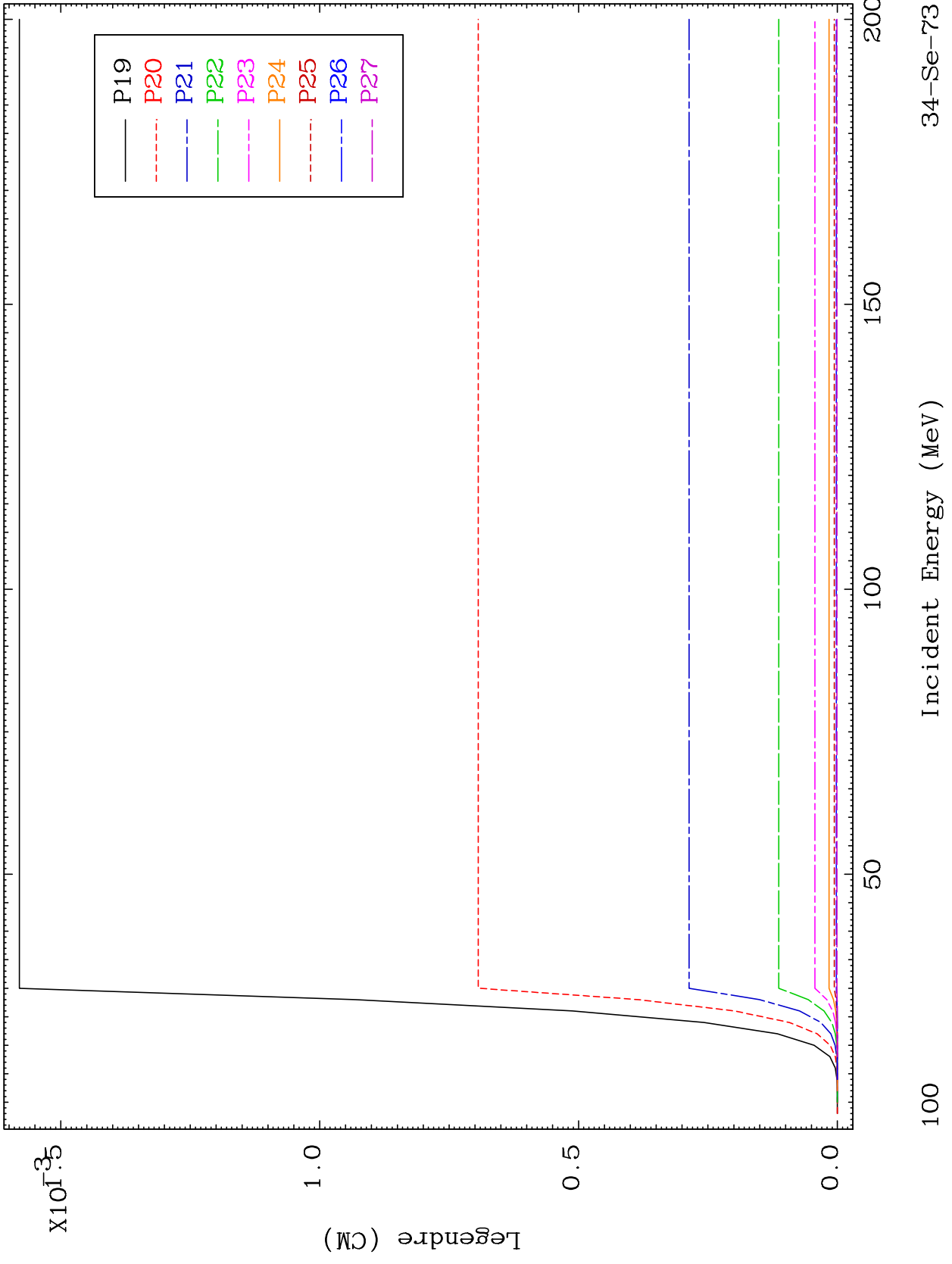
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

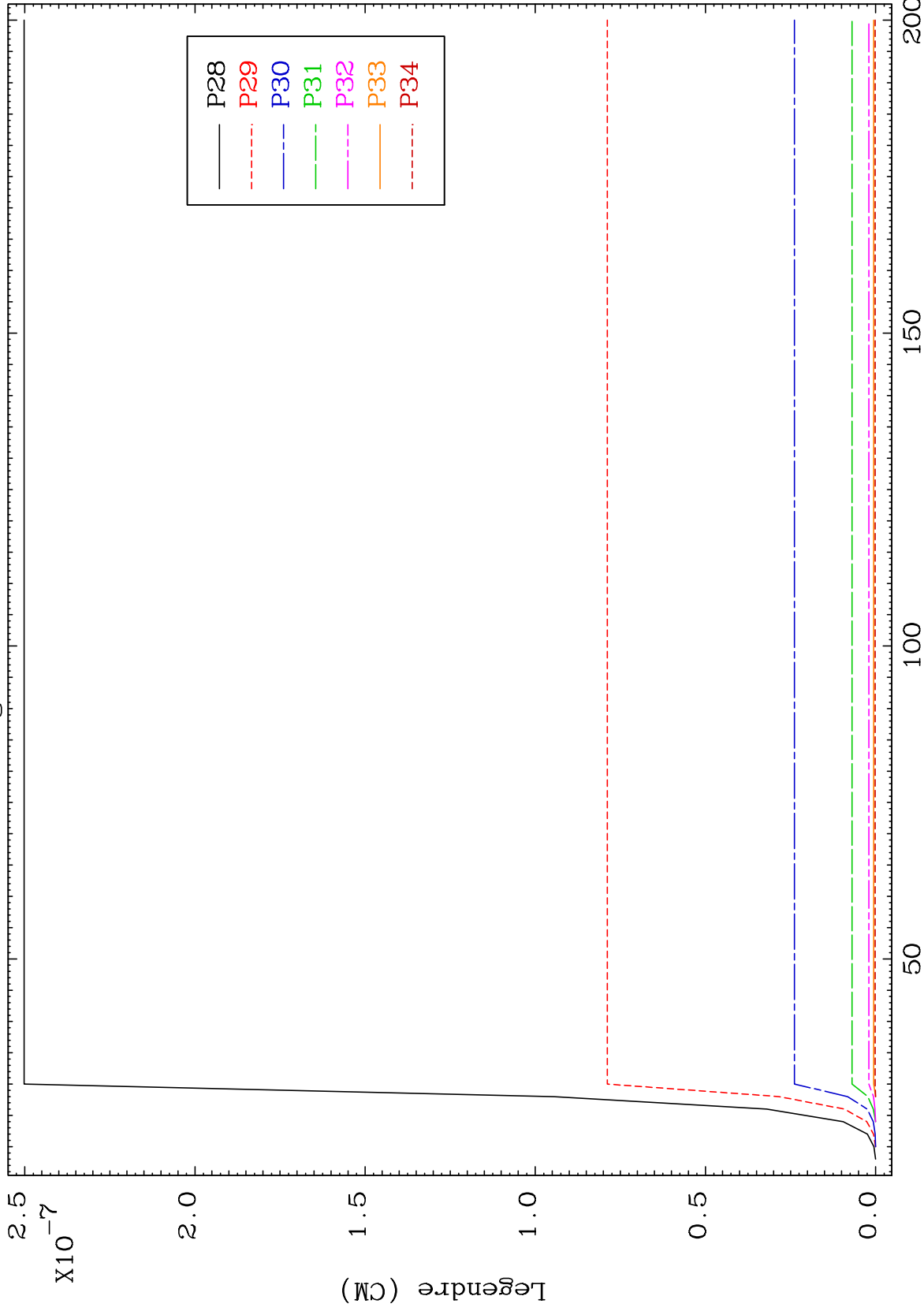
34-Se-73



MAT 3422

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

³⁴Se-73



101

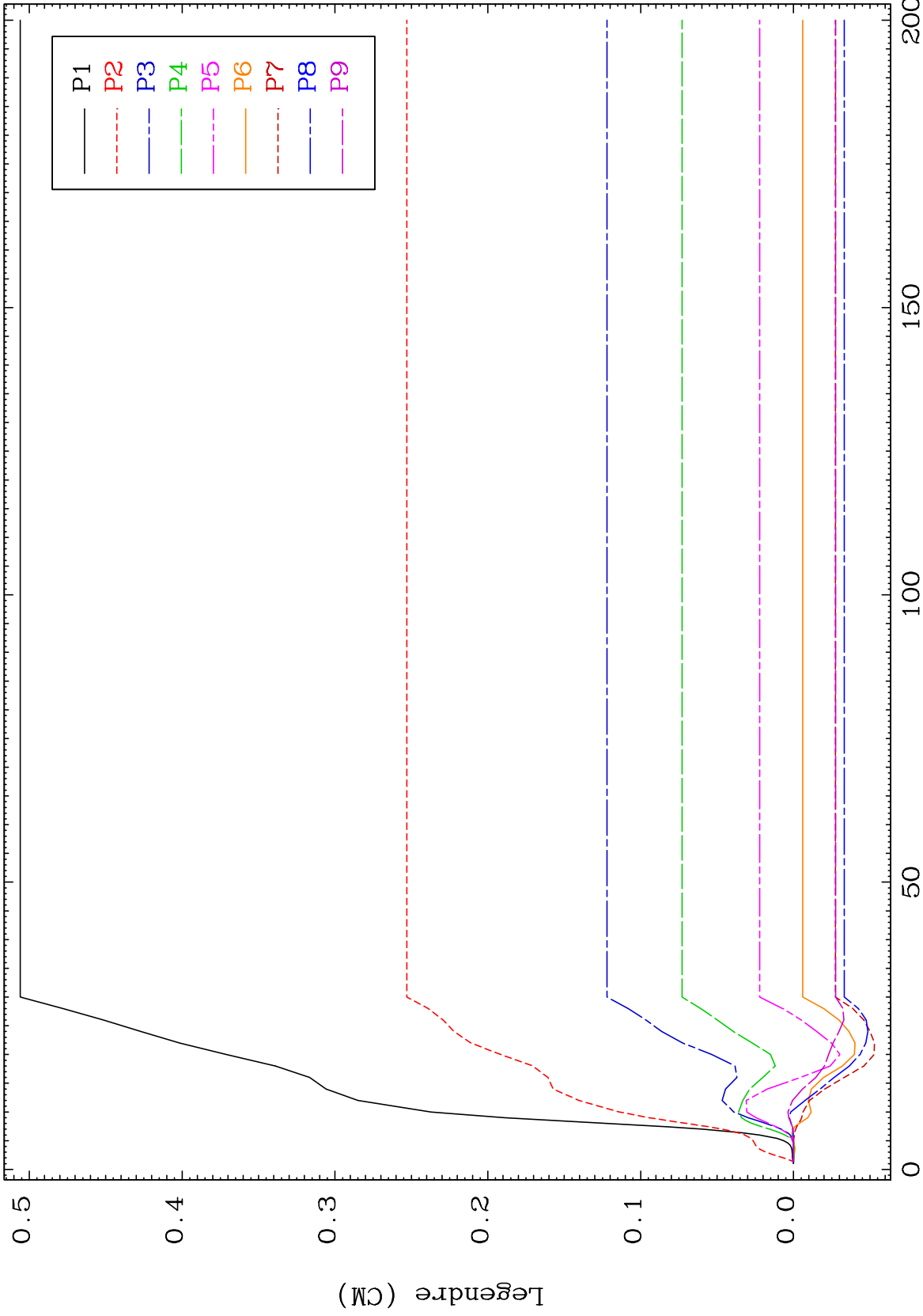
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



102

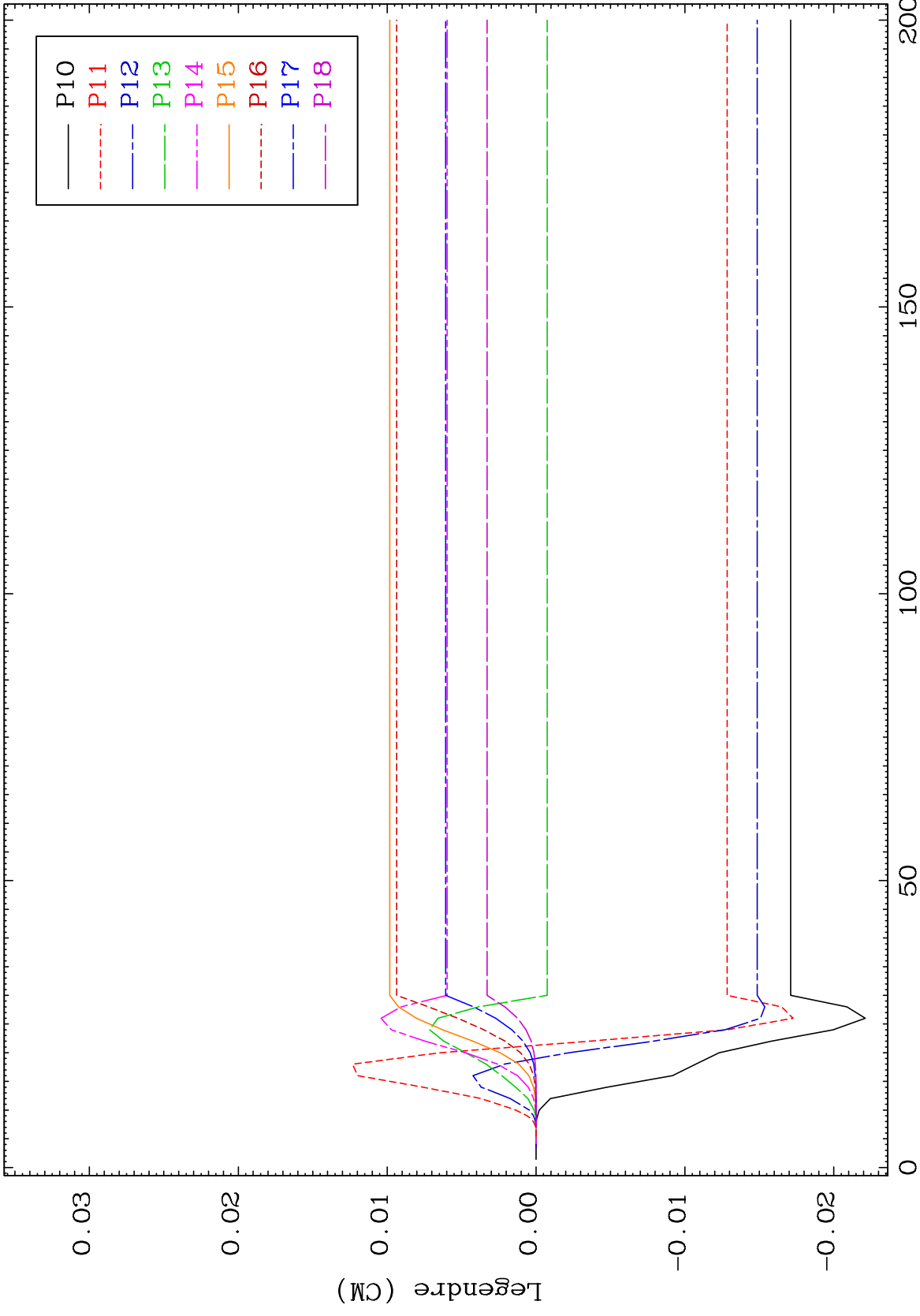
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



103

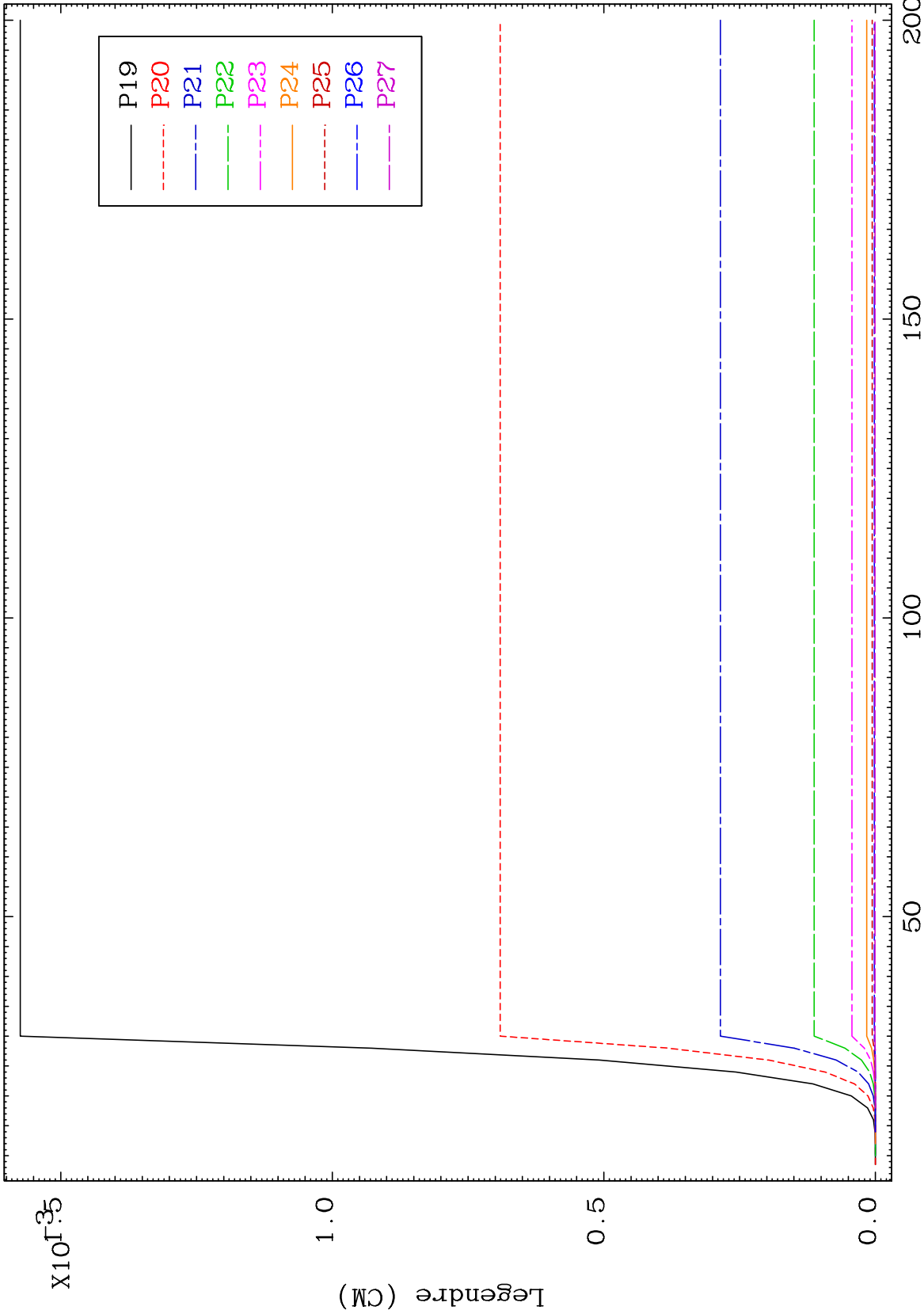
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



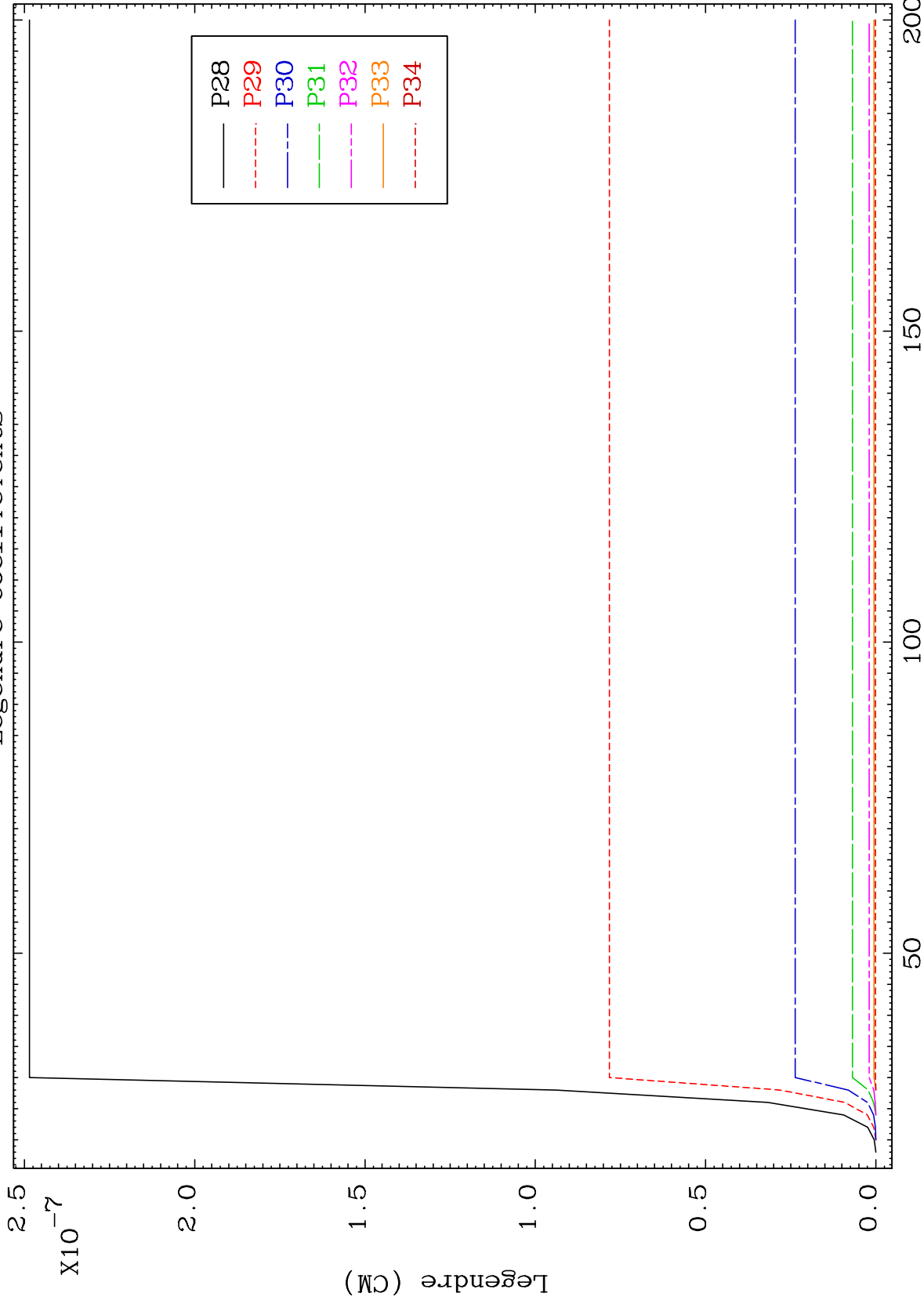
104

34-Se-73

MAT 3422

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

³⁴Se-73



105

50

100

150

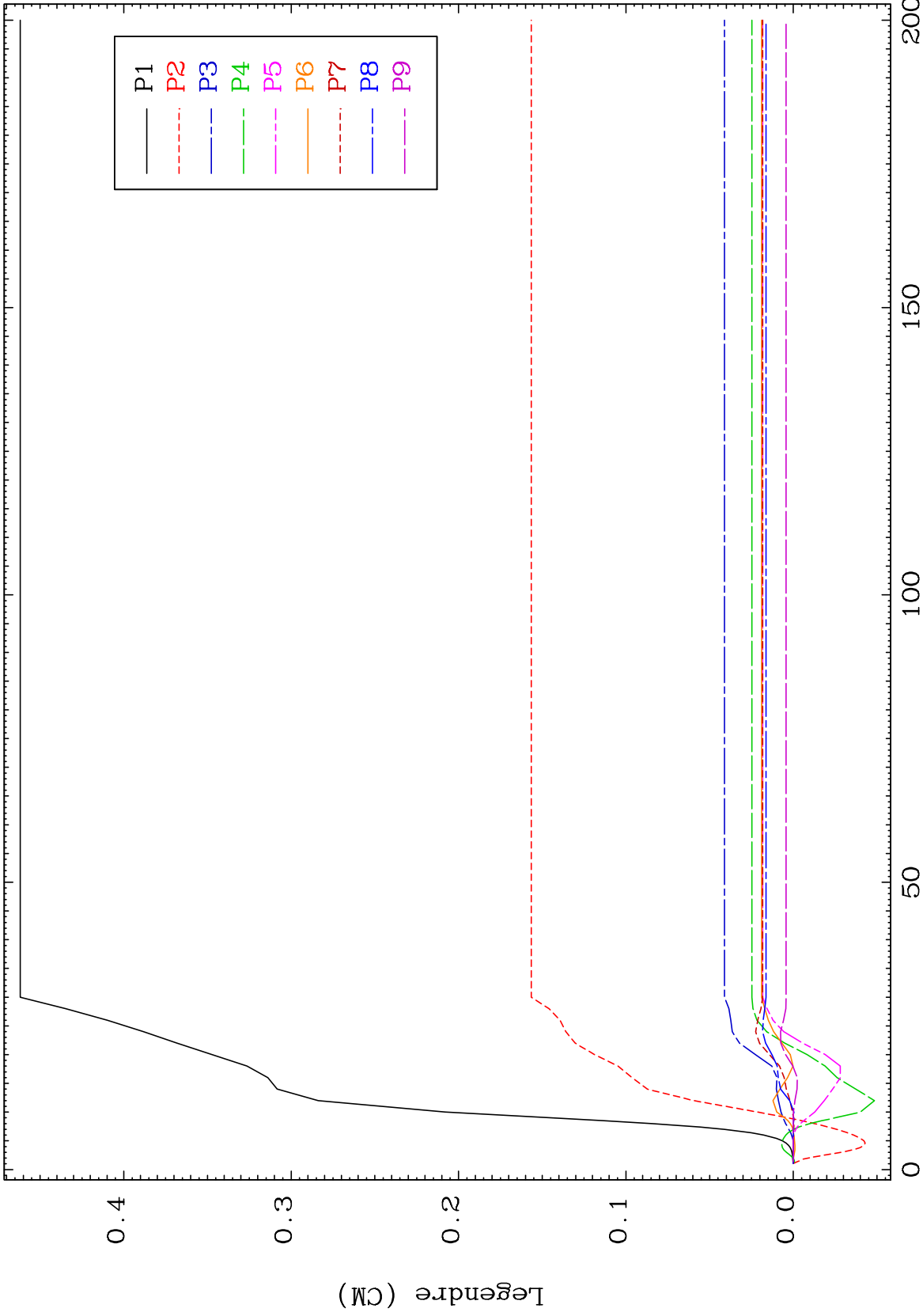
200

³⁴Se-73

MAT 3422

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

34-Se-73



106

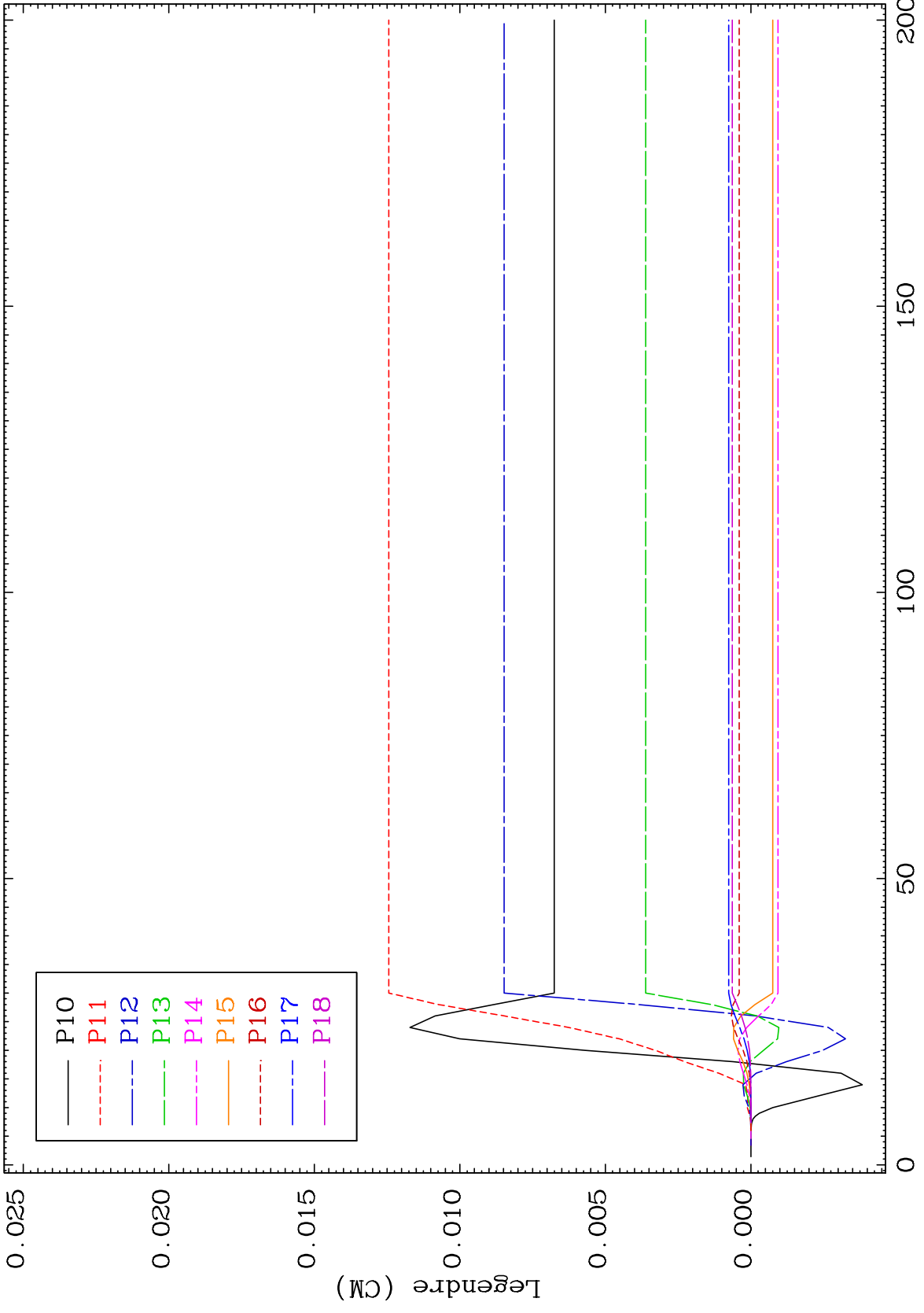
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



107

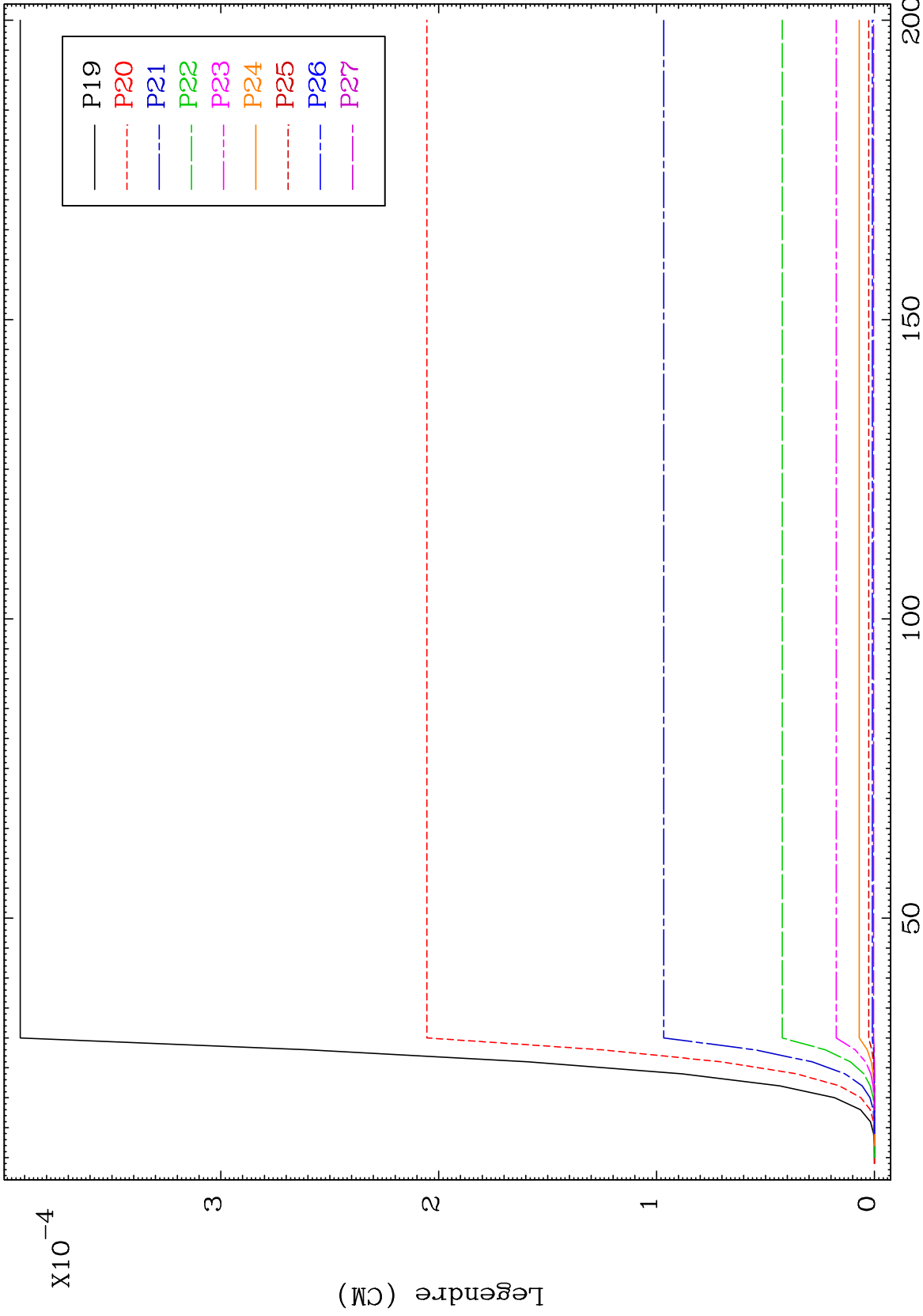
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



108

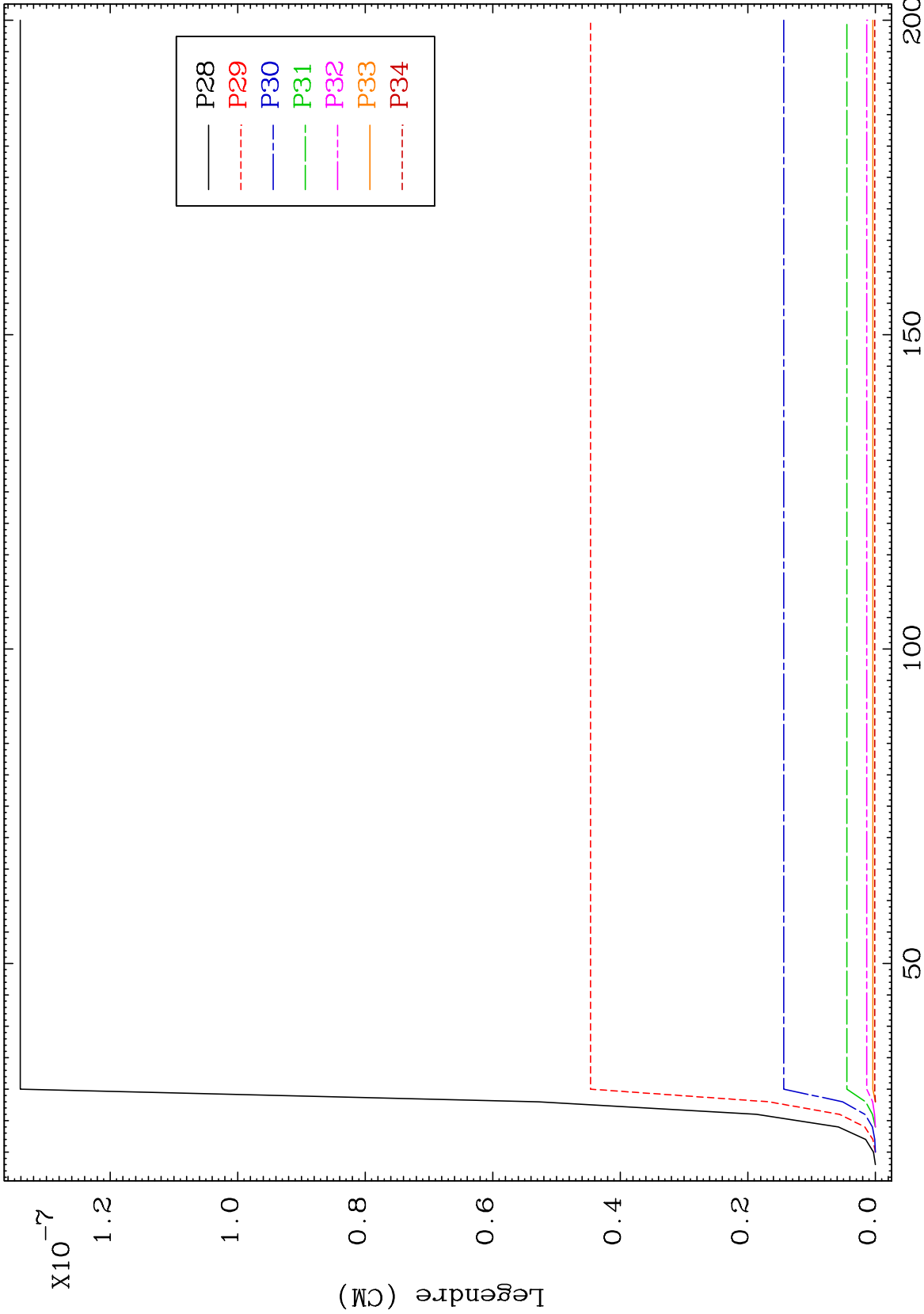
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



109

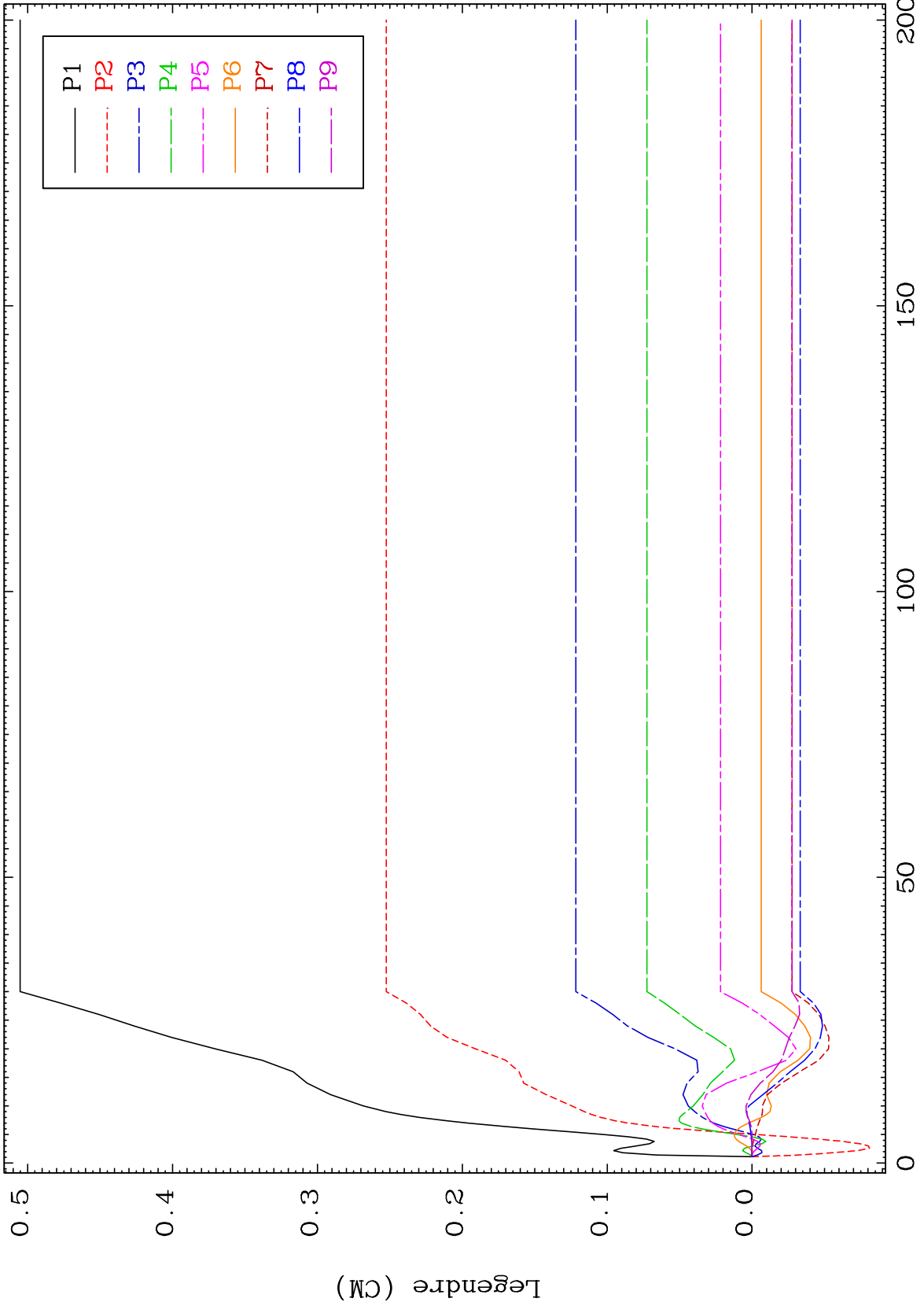
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



³⁴Se-73

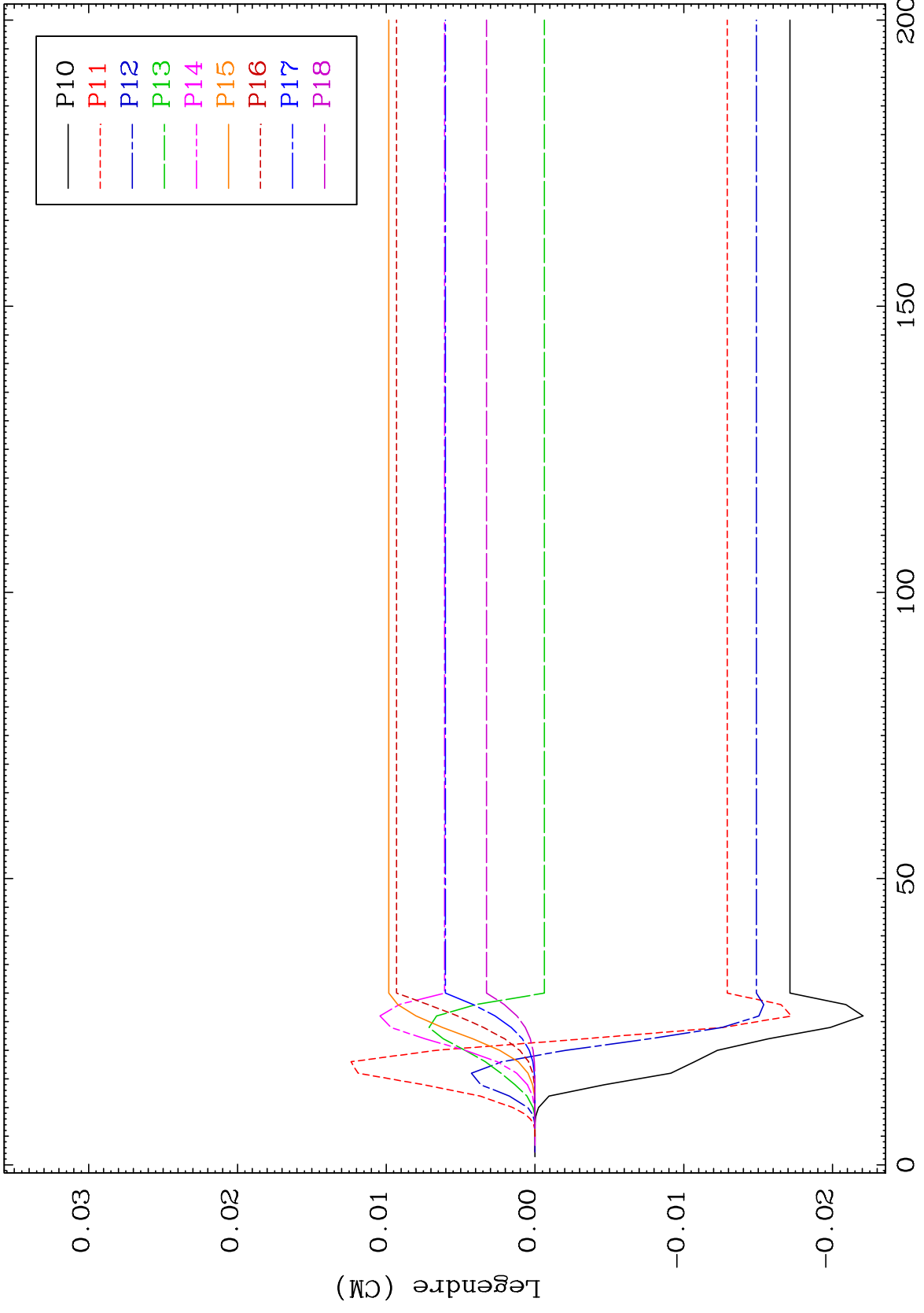
Incident Energy (MeV)

110

MAT 3422

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

³⁴Se-73



111

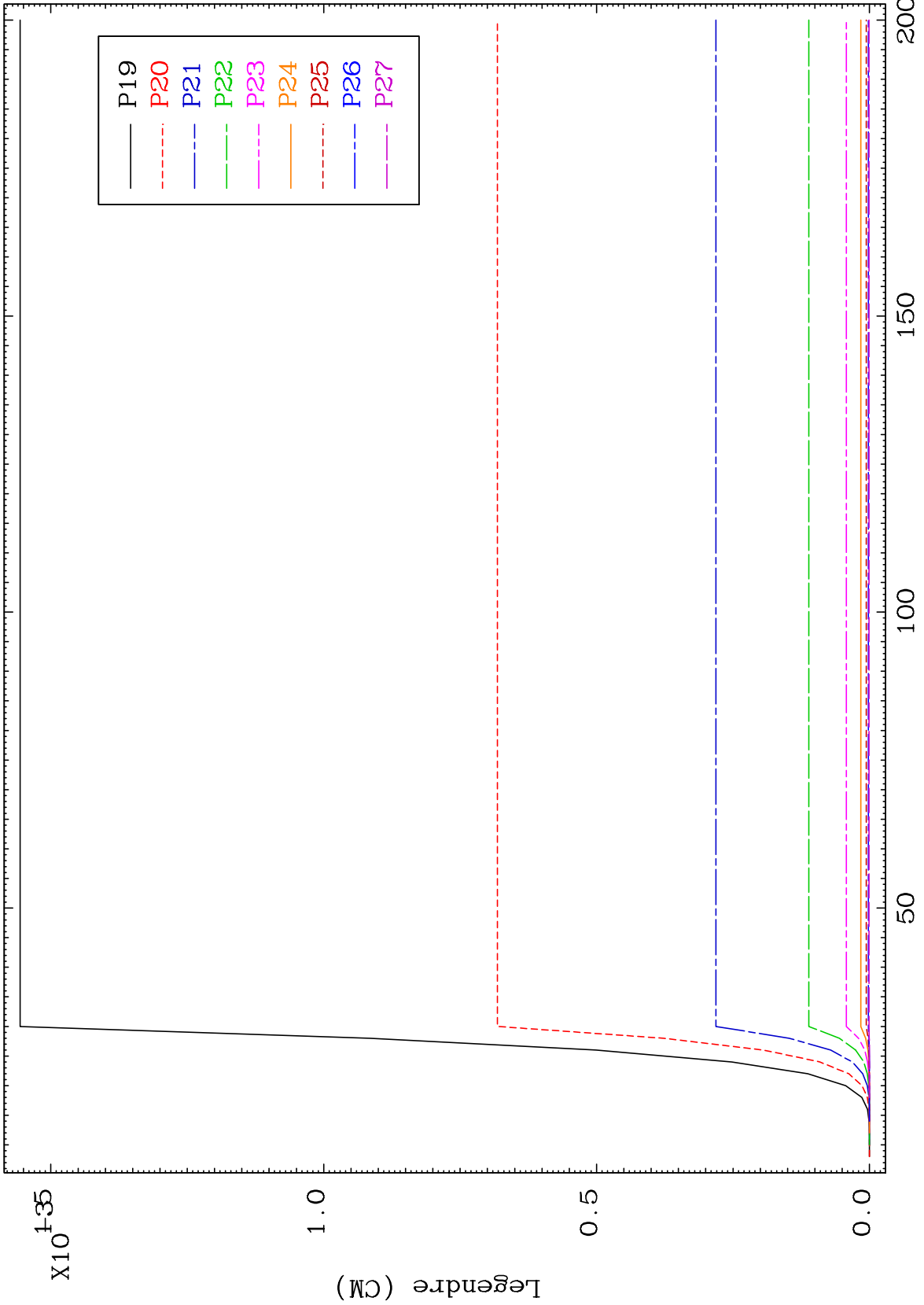
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



112

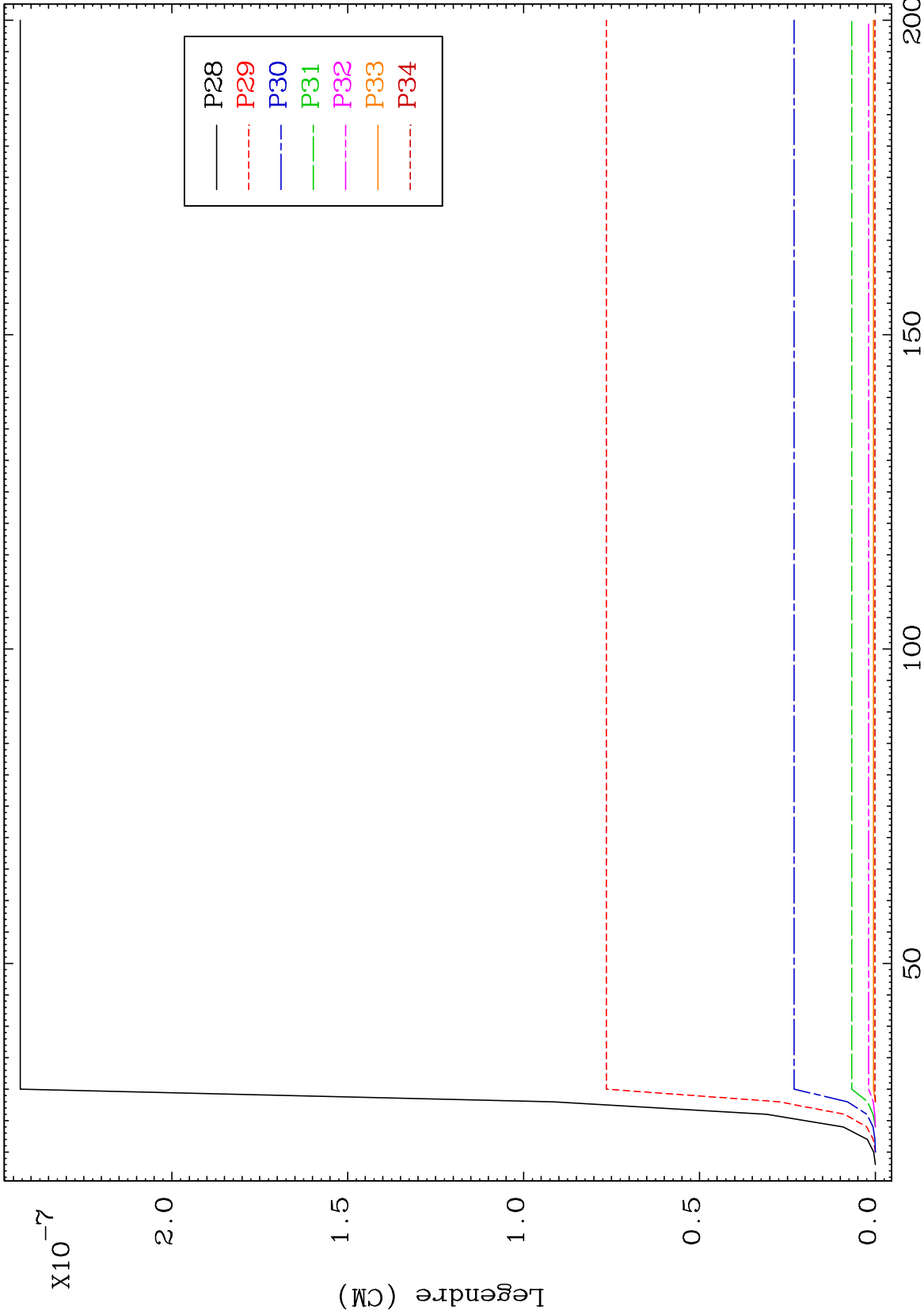
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



113

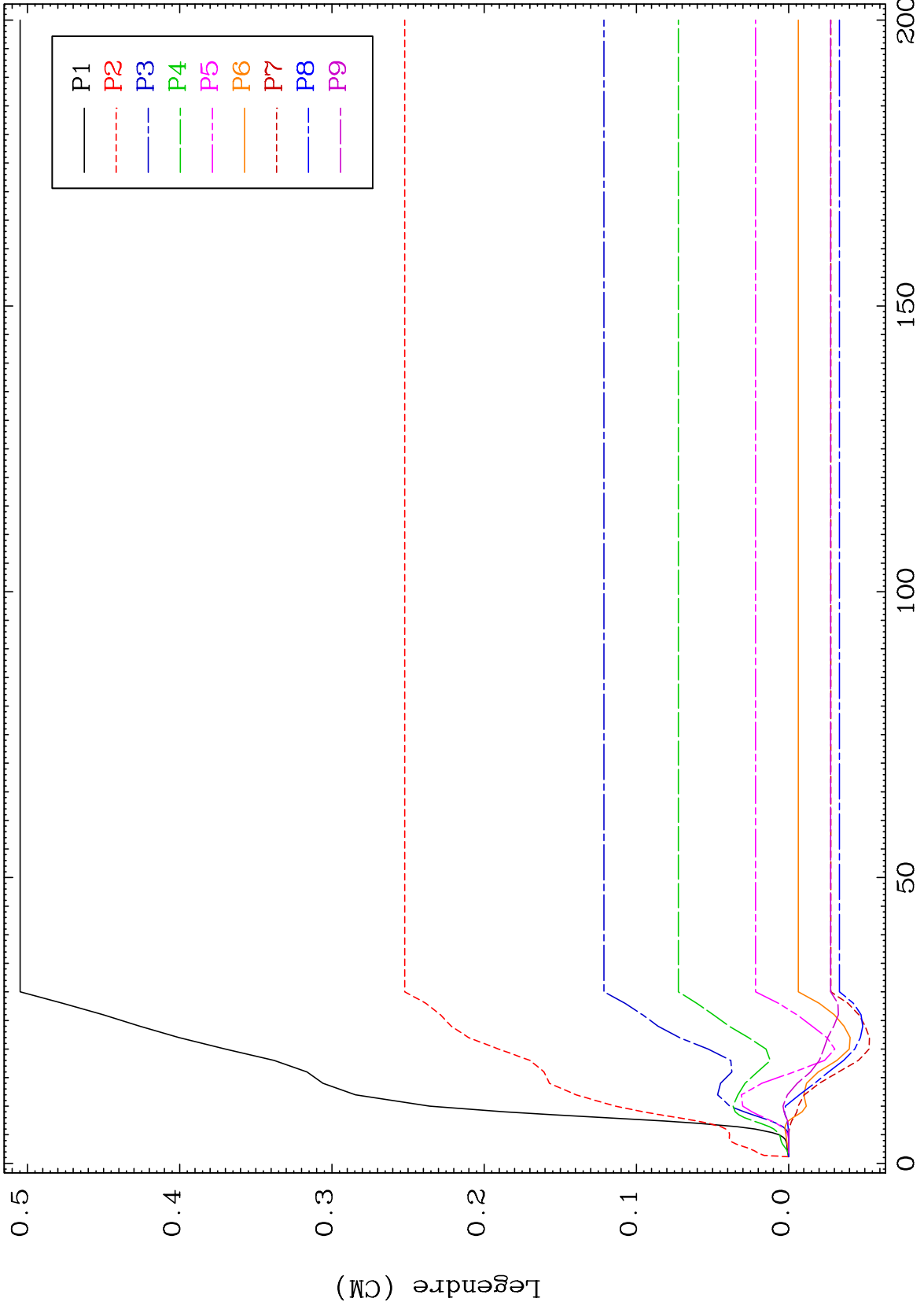
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



114

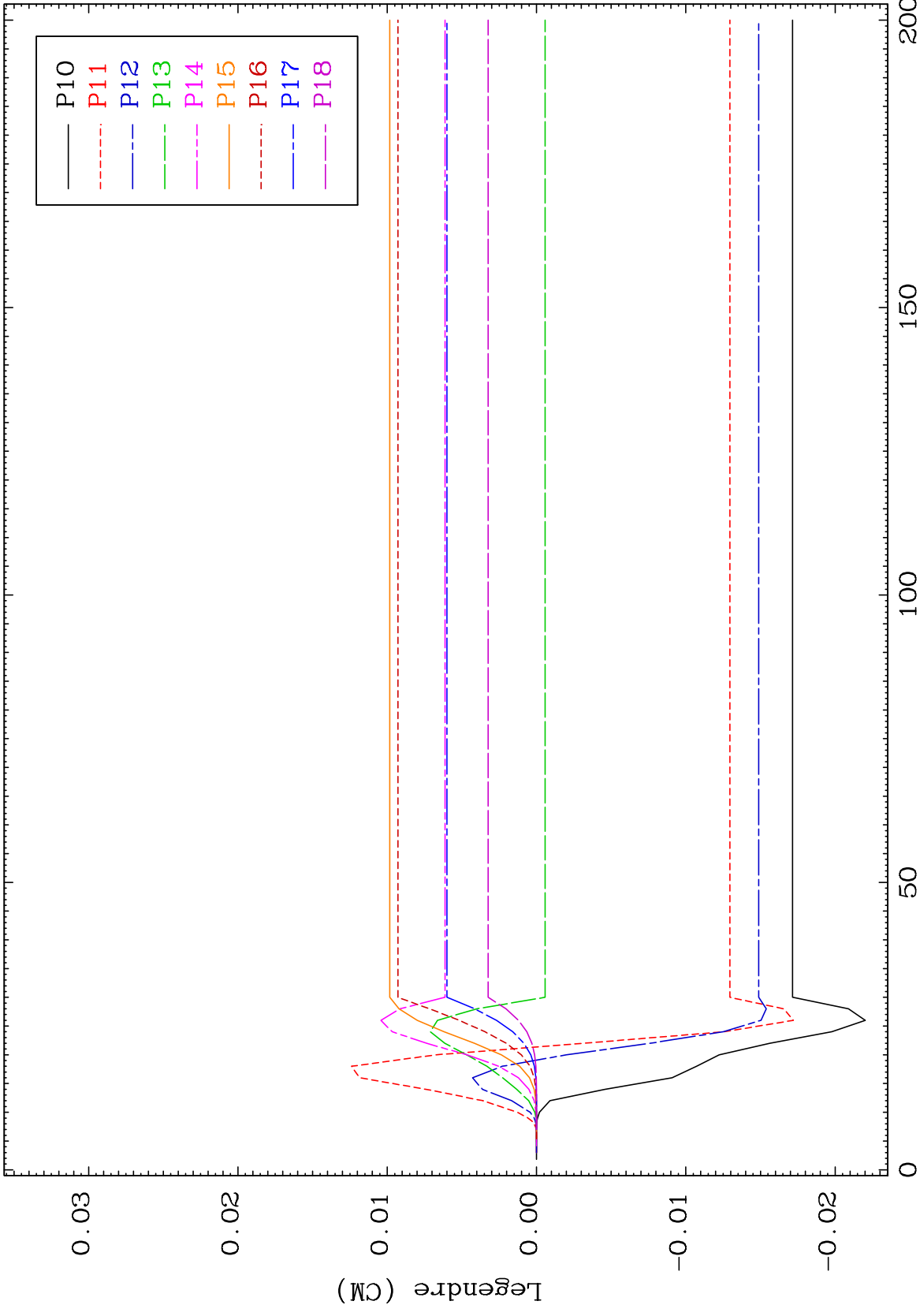
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



115

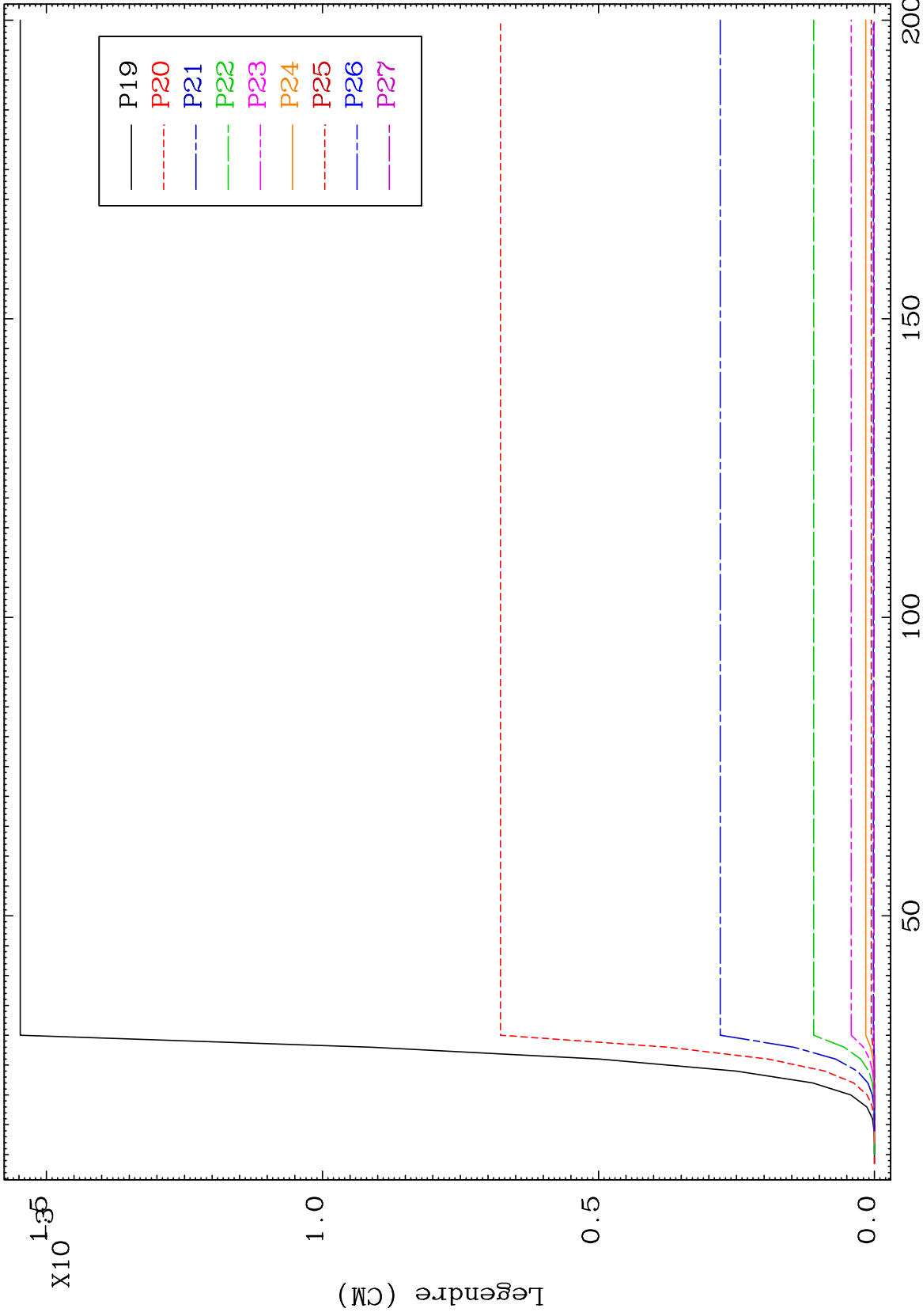
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



116

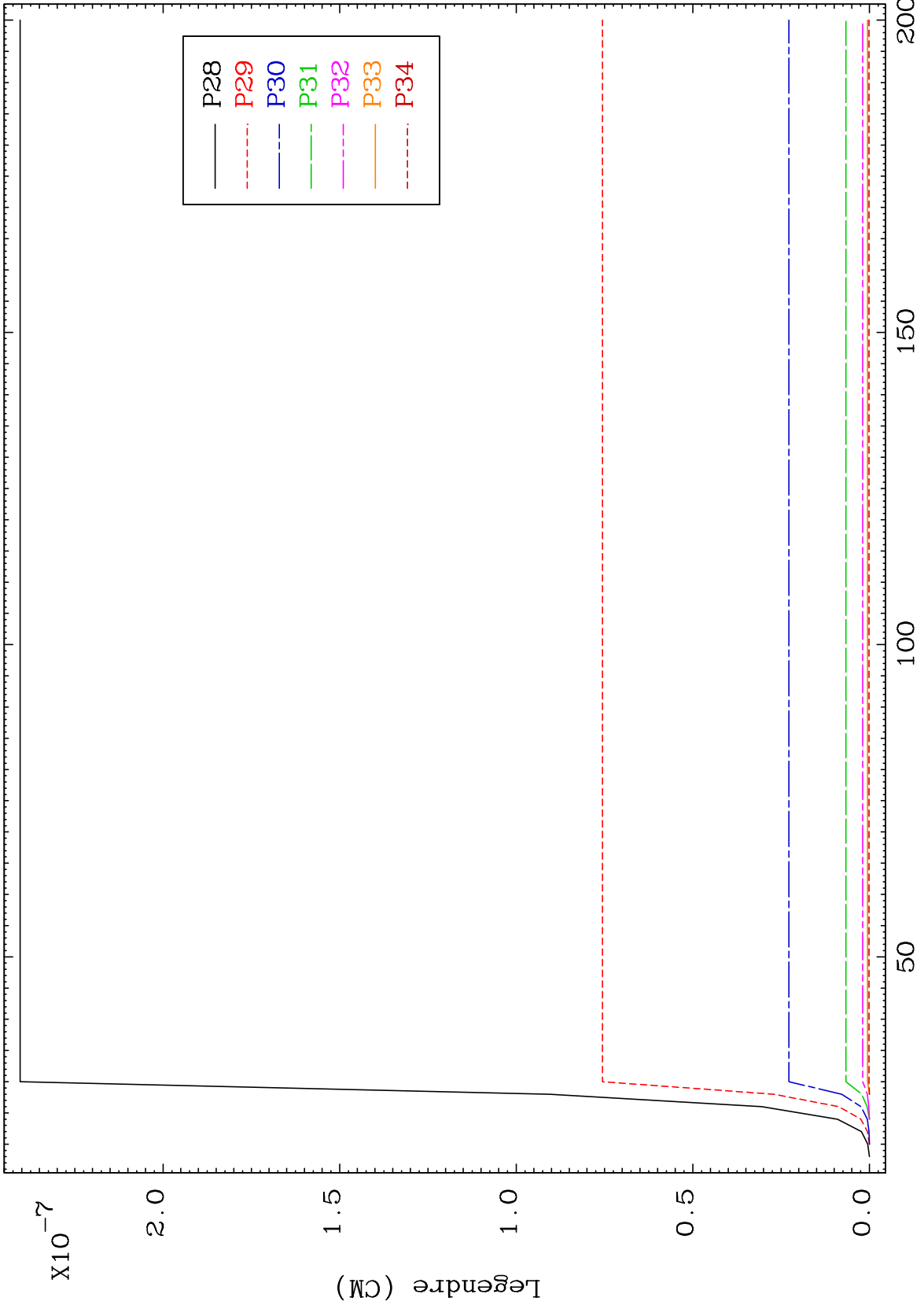
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



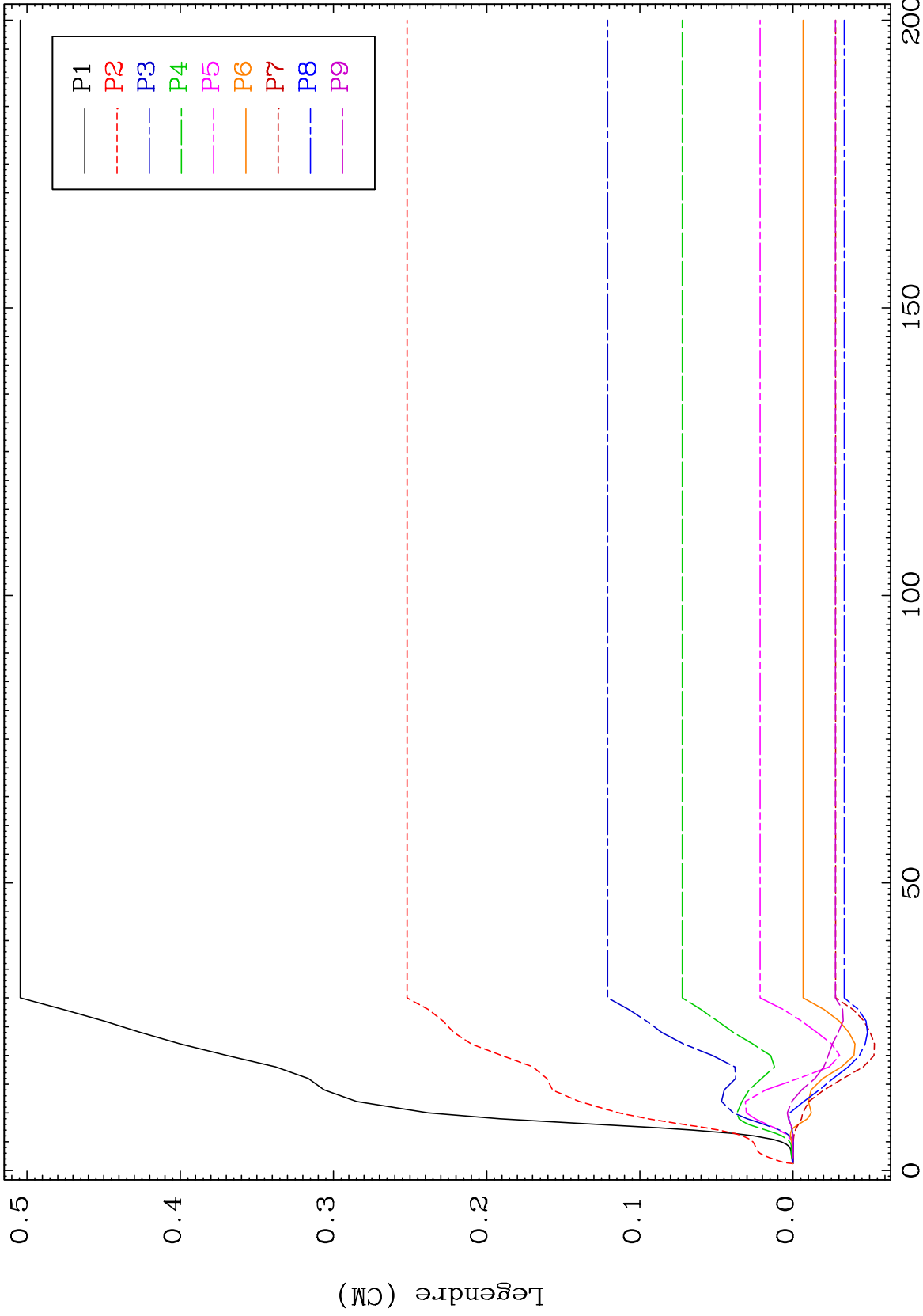
117

³⁴Se-73

MAT 3422

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

34-Se-73



118

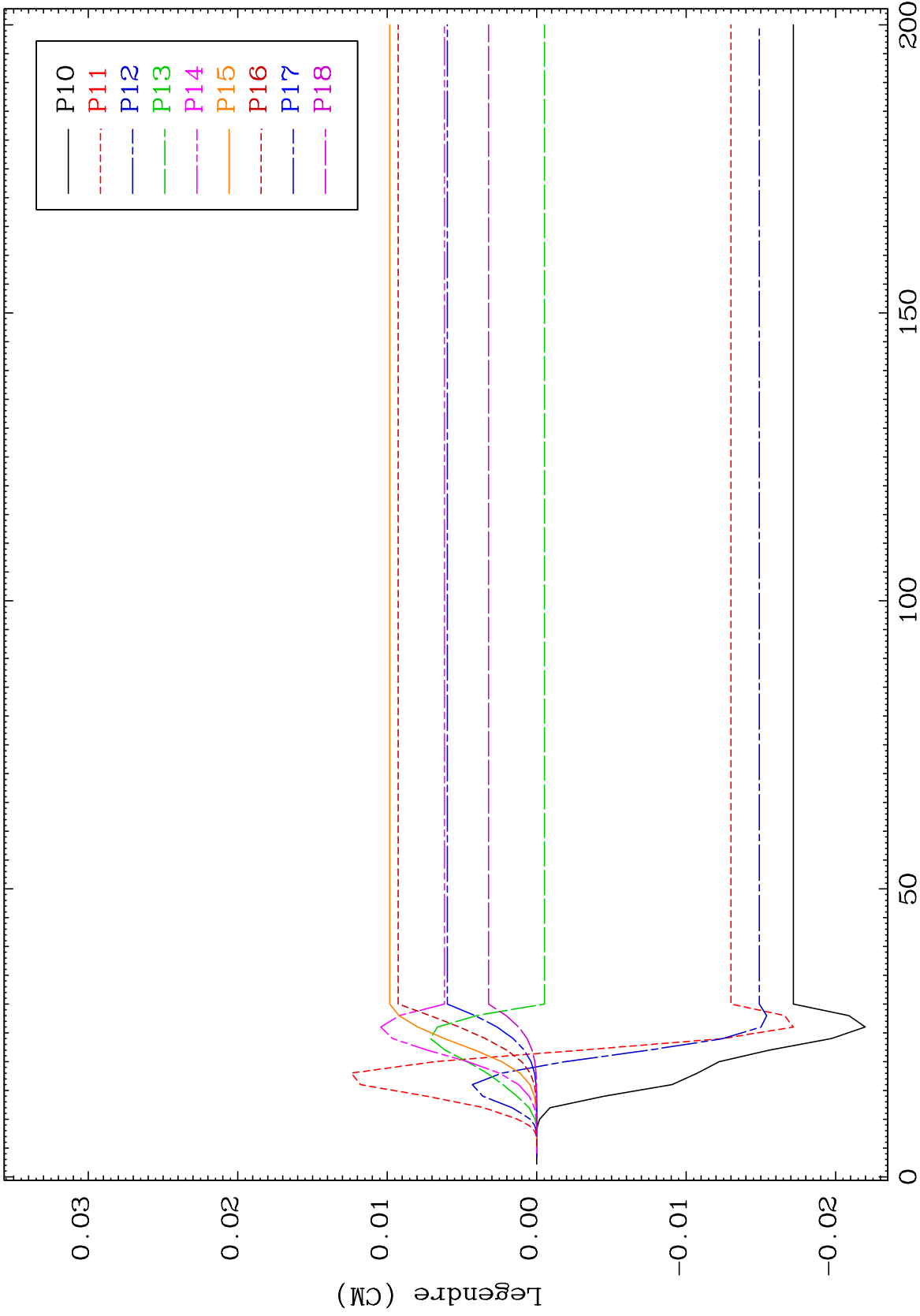
Incident Energy (MeV)

34-Se-73

MAT 3422

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

³⁴Se-73



119

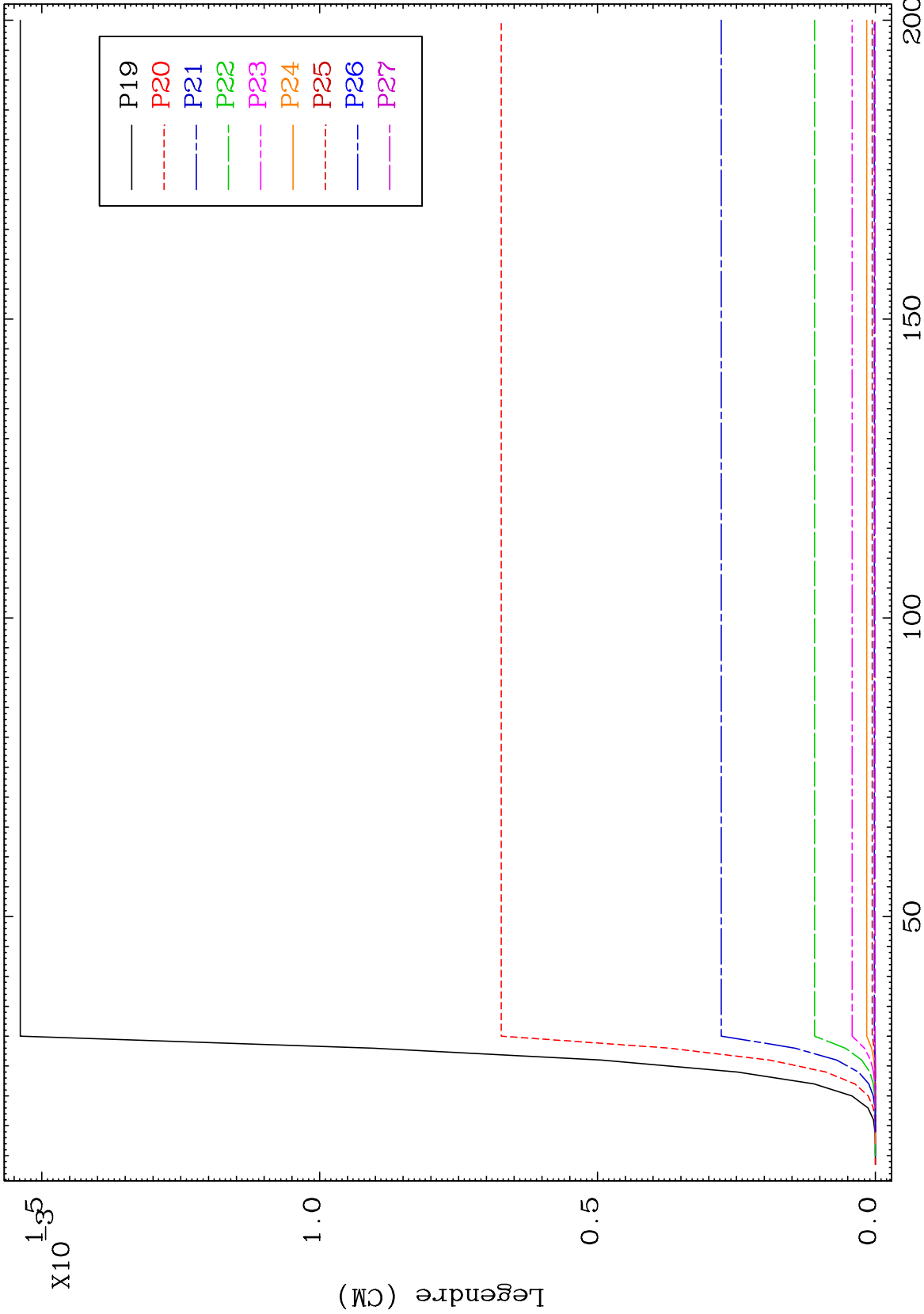
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



120

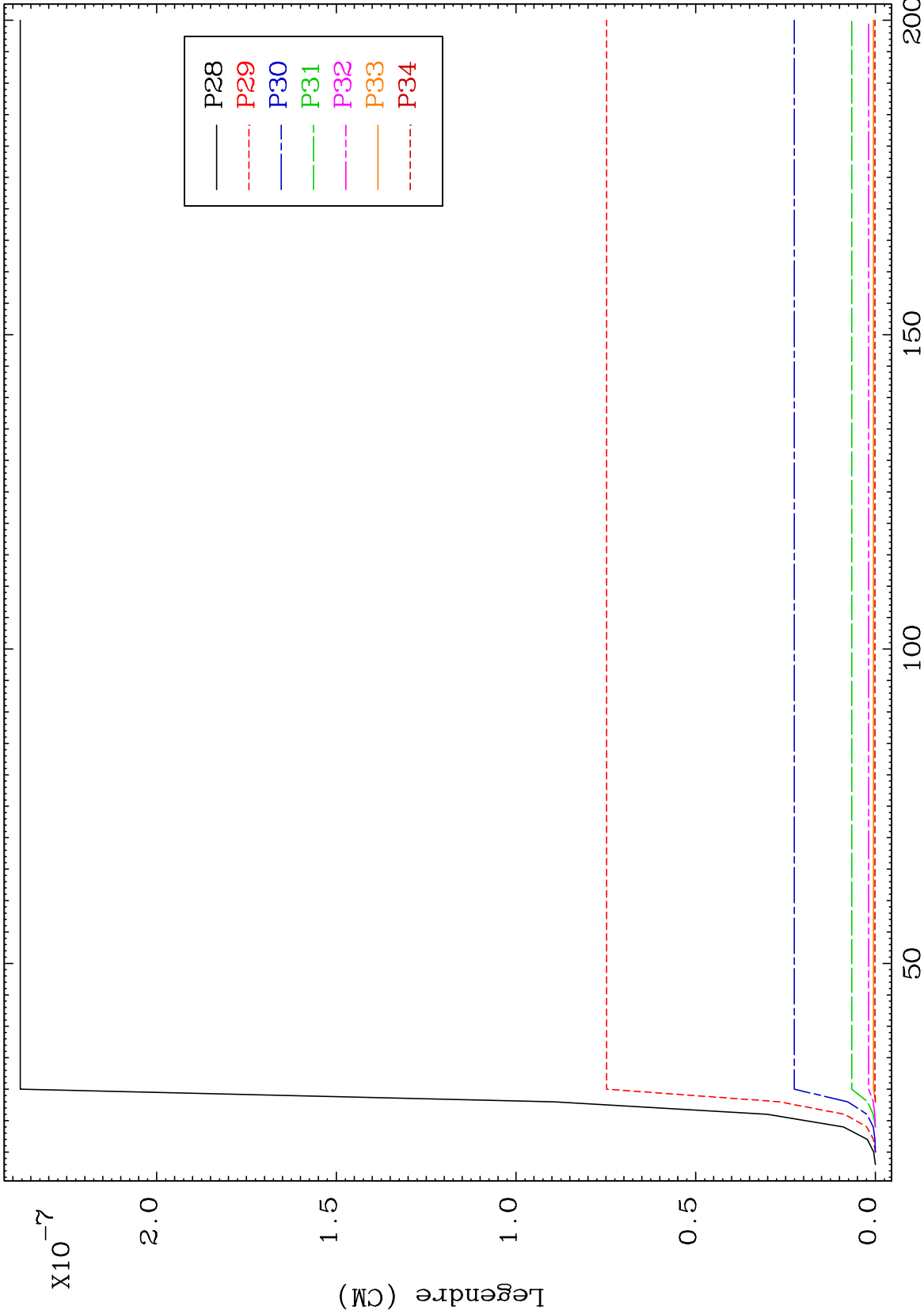
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



121

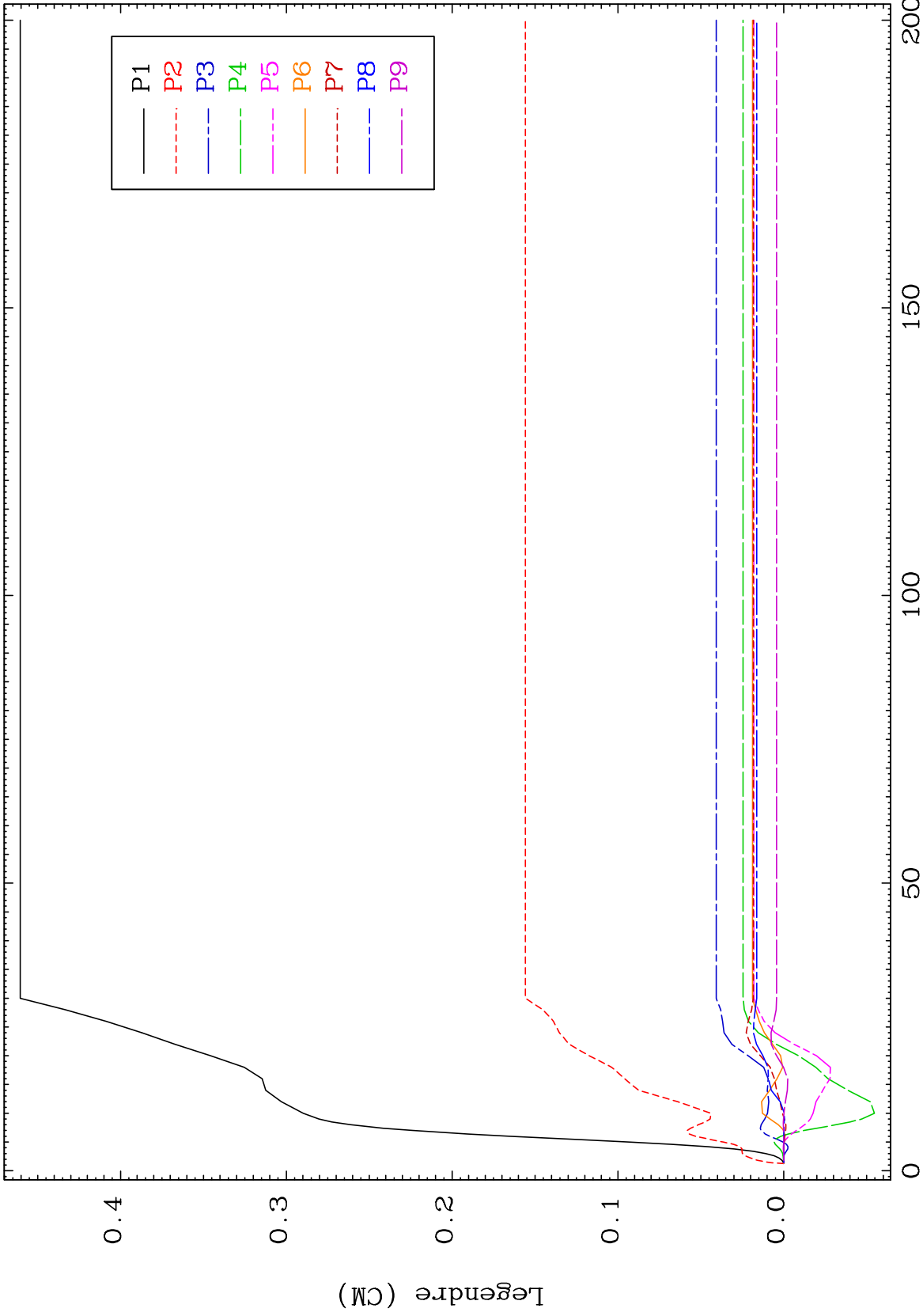
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



122

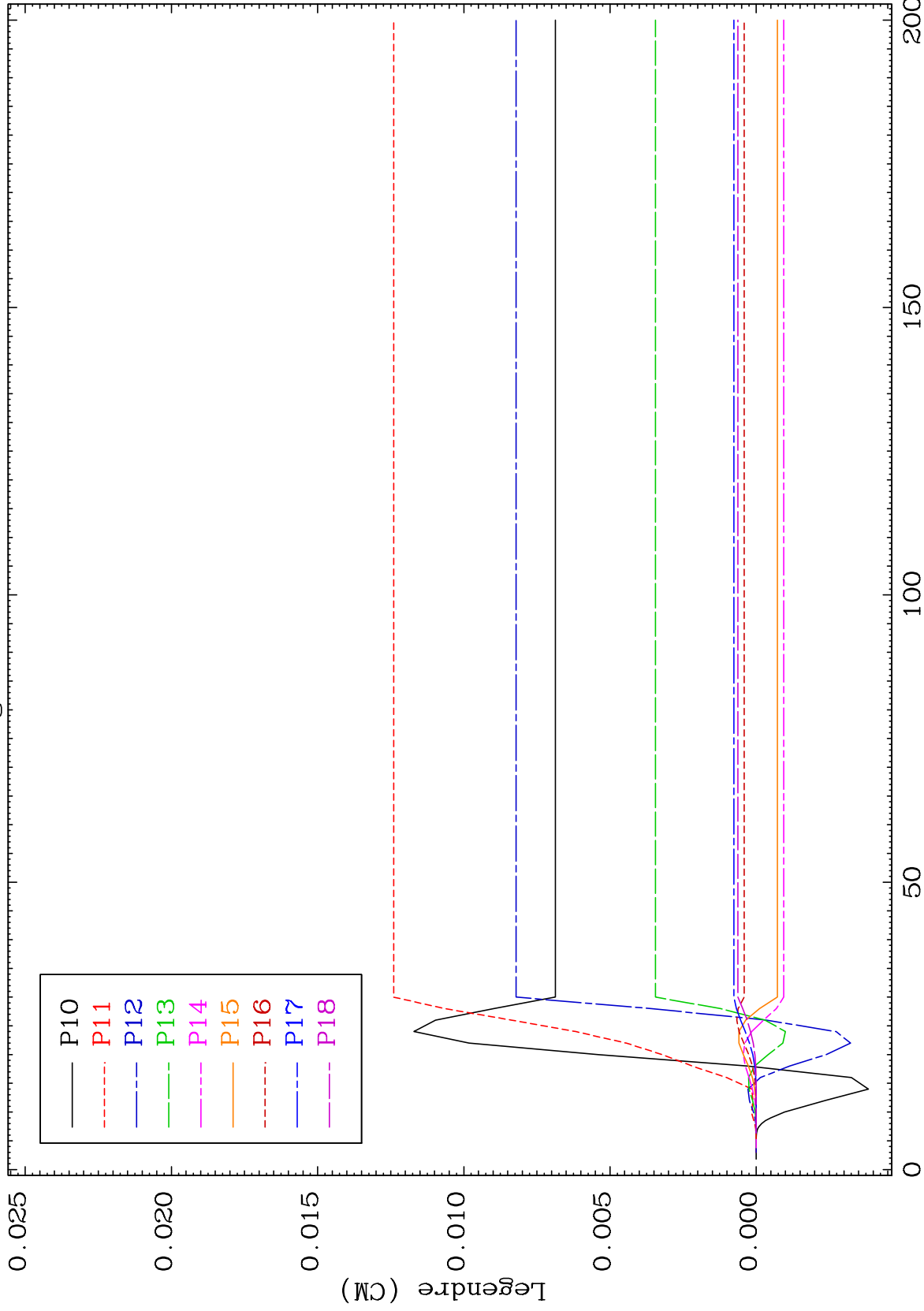
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



123

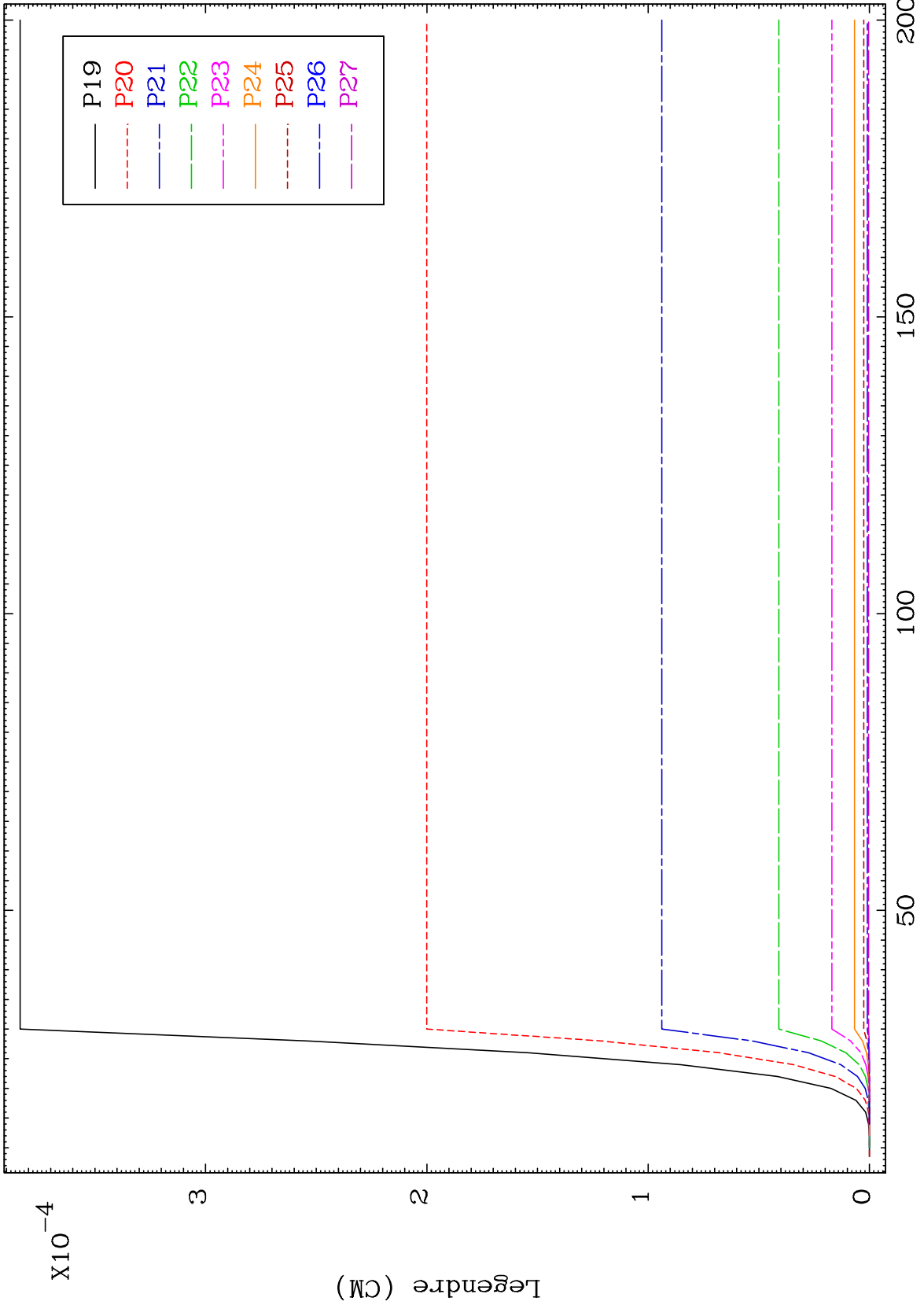
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



124

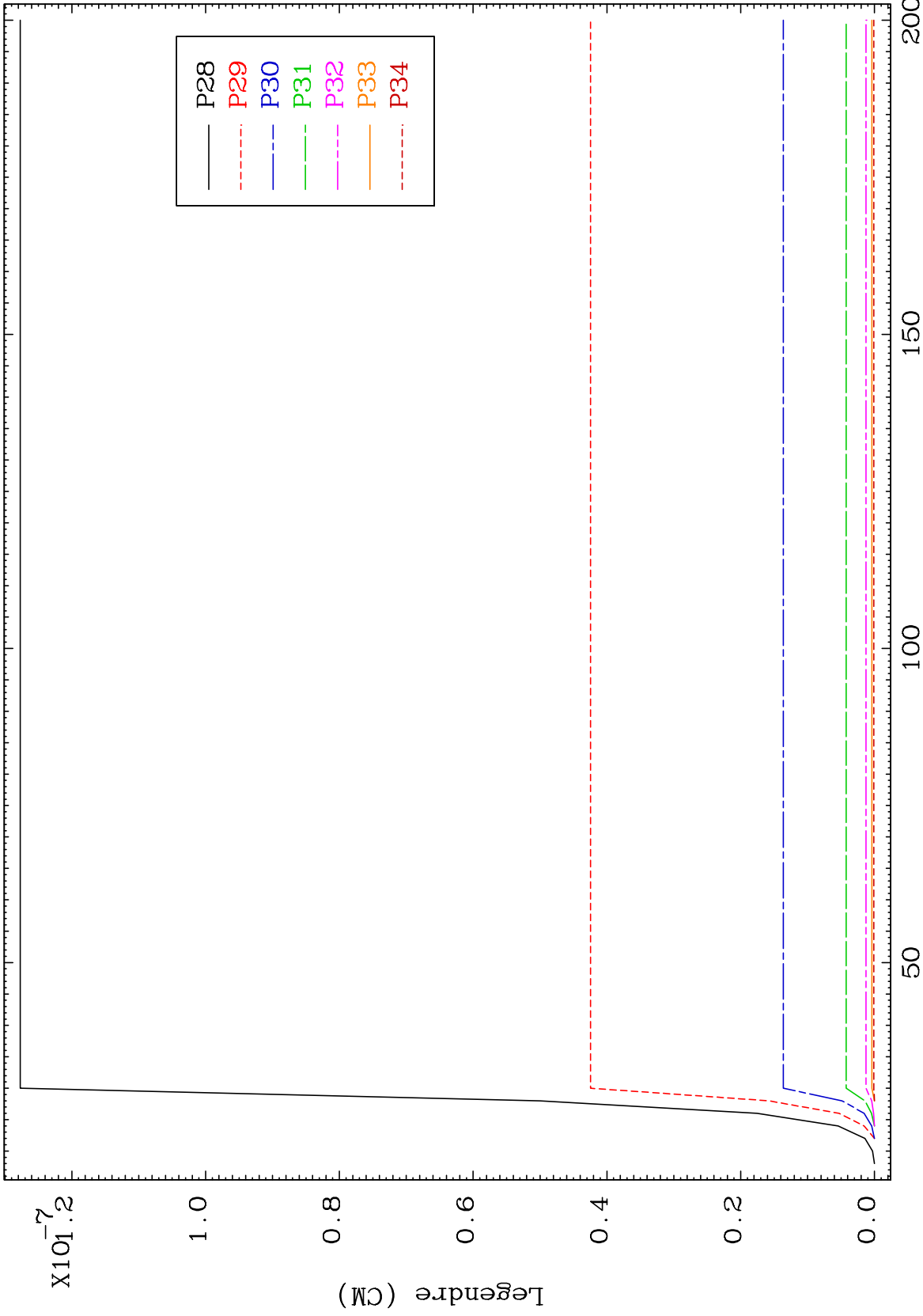
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



125

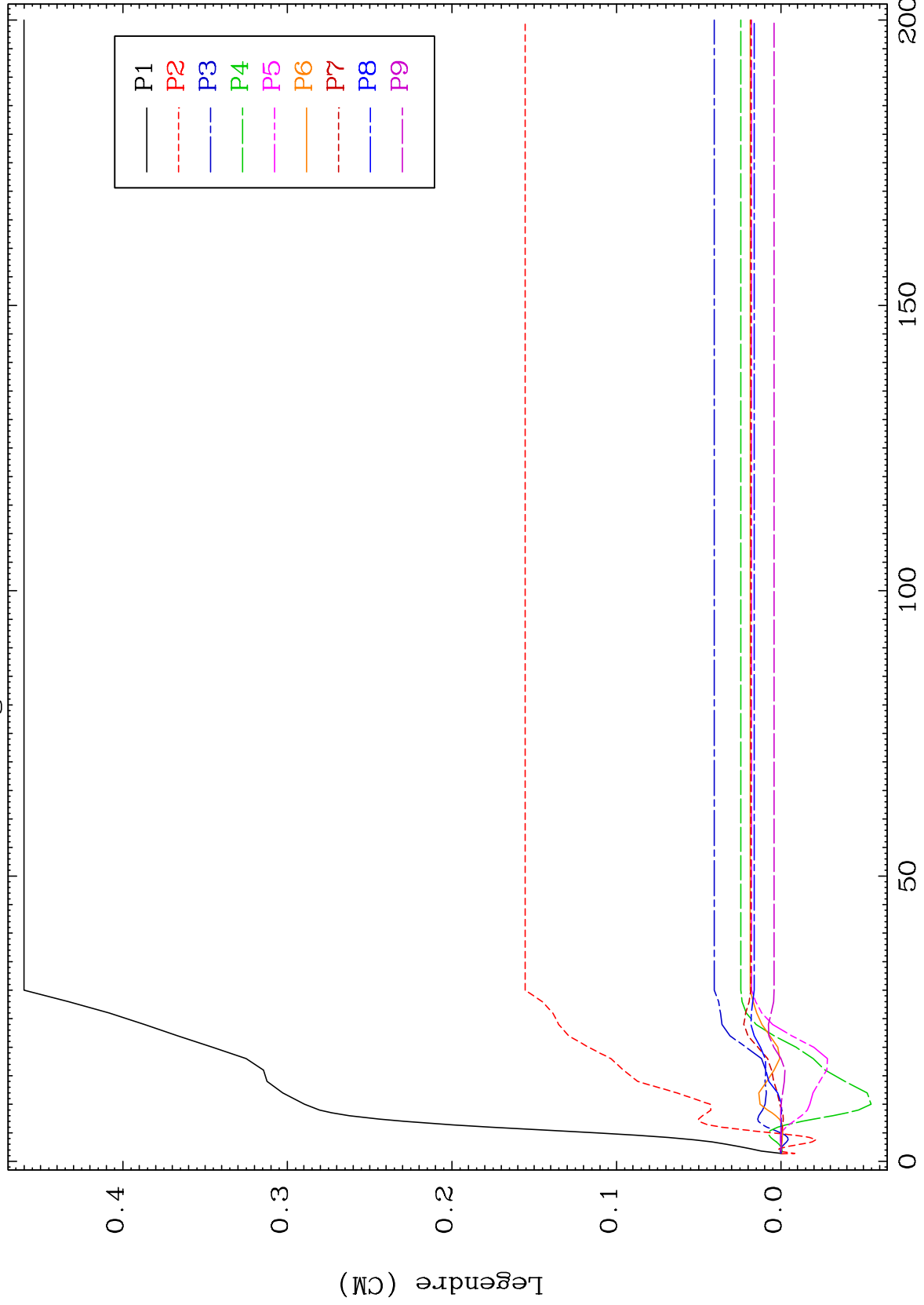
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



34-Se-73

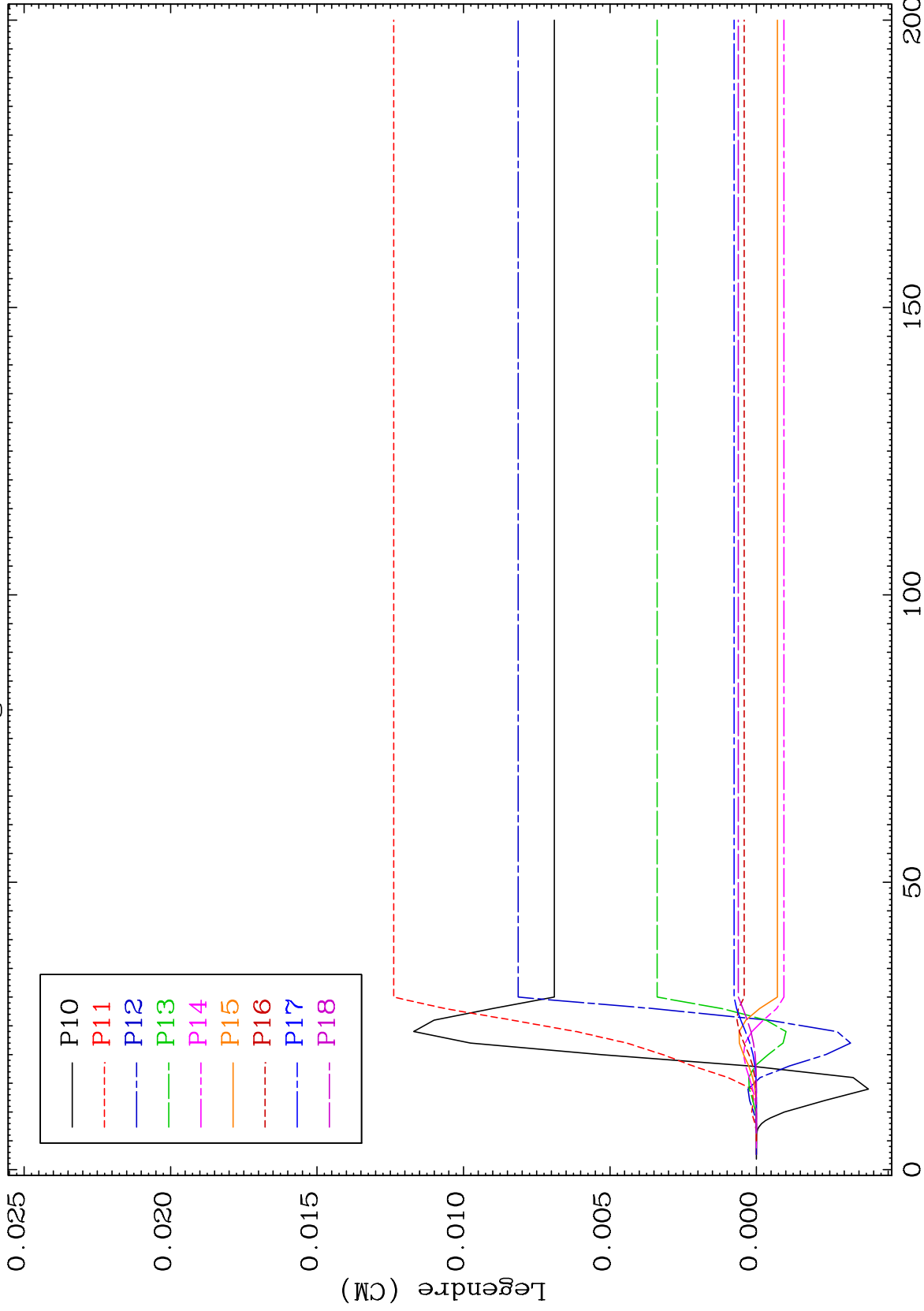
Incident Energy (MeV)

126

MAT 3422

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

34-Se-73



127

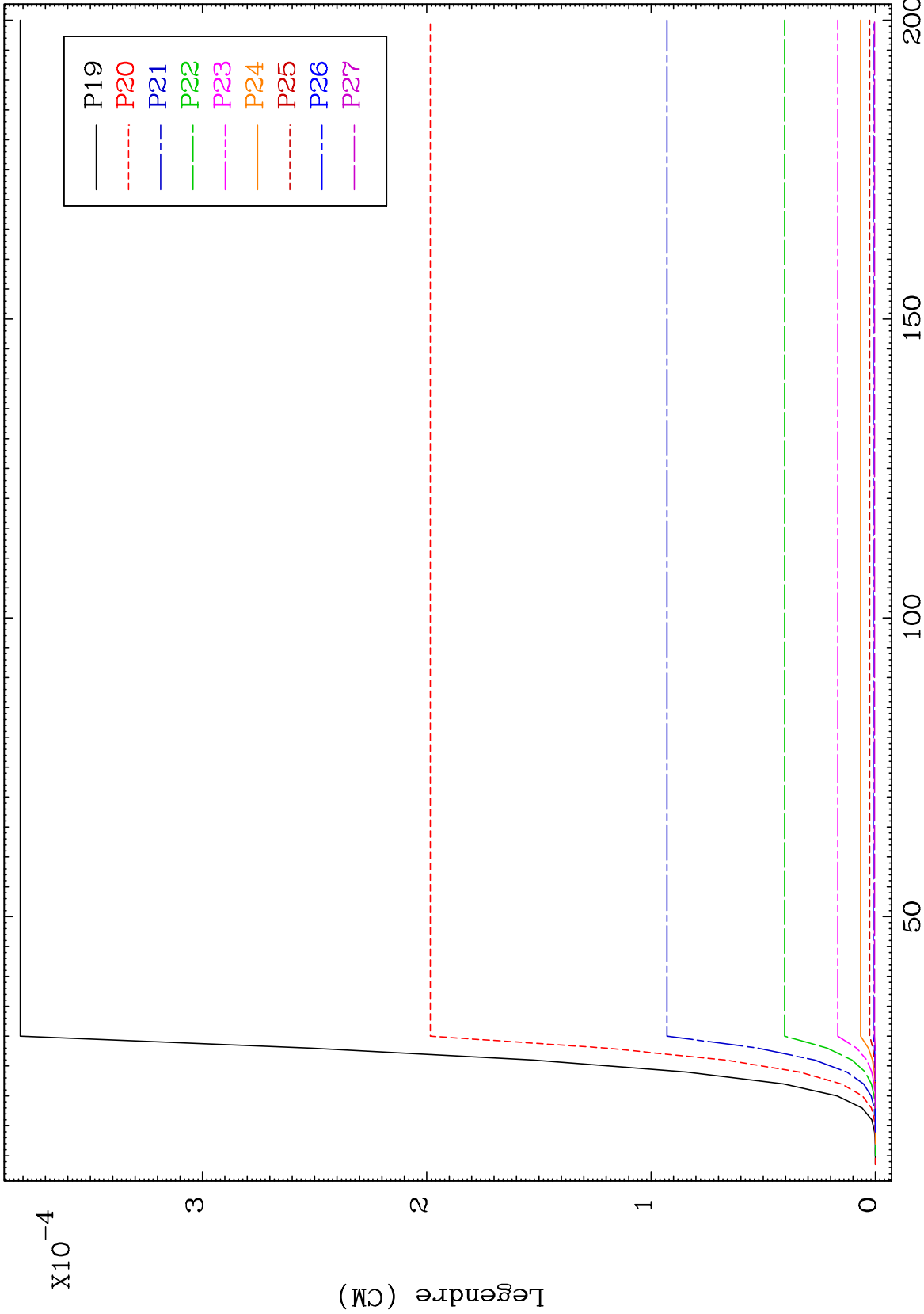
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73



128

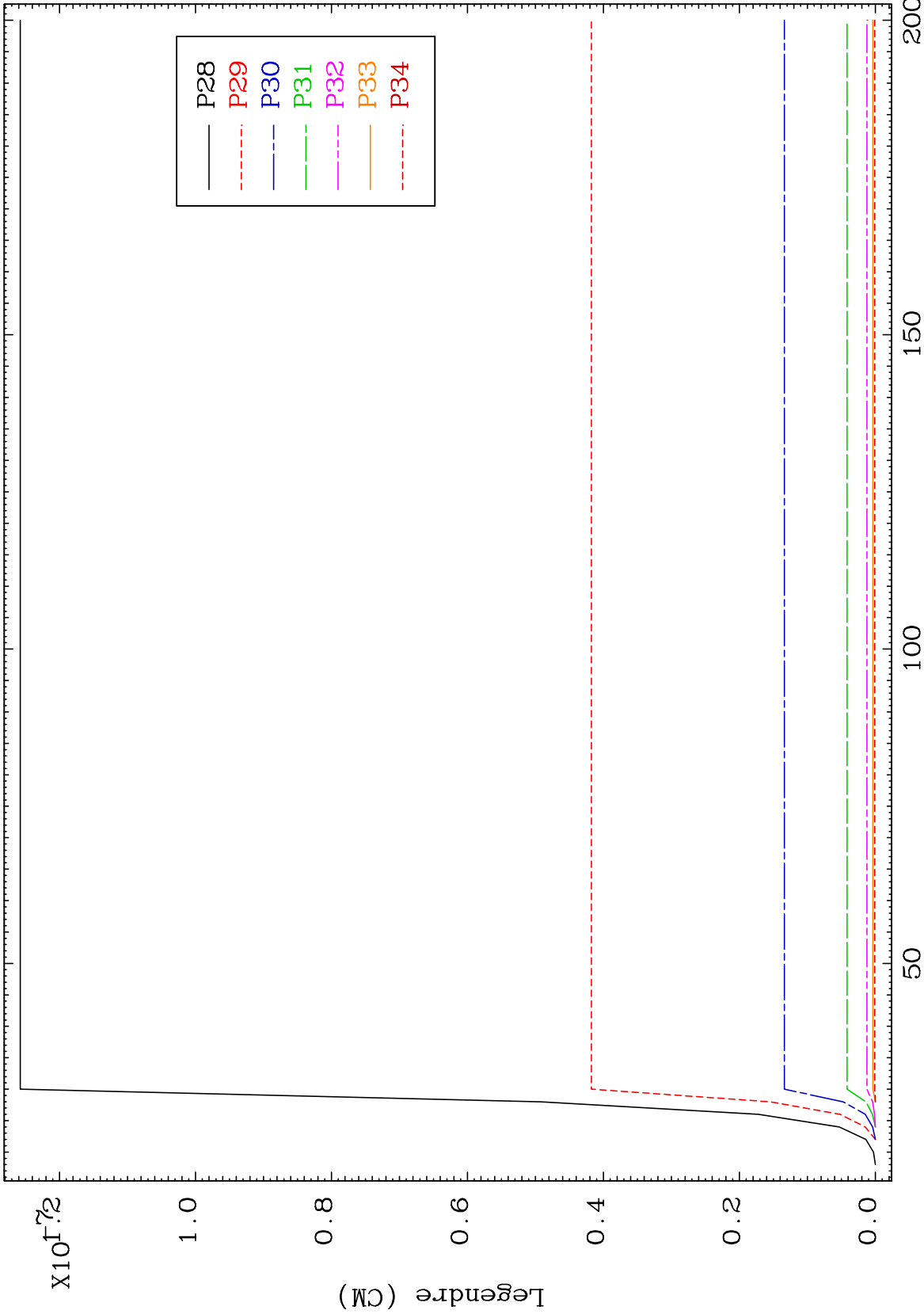
Incident Energy (MeV)

34-Se-73

MAT 3422

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

34-Se-73

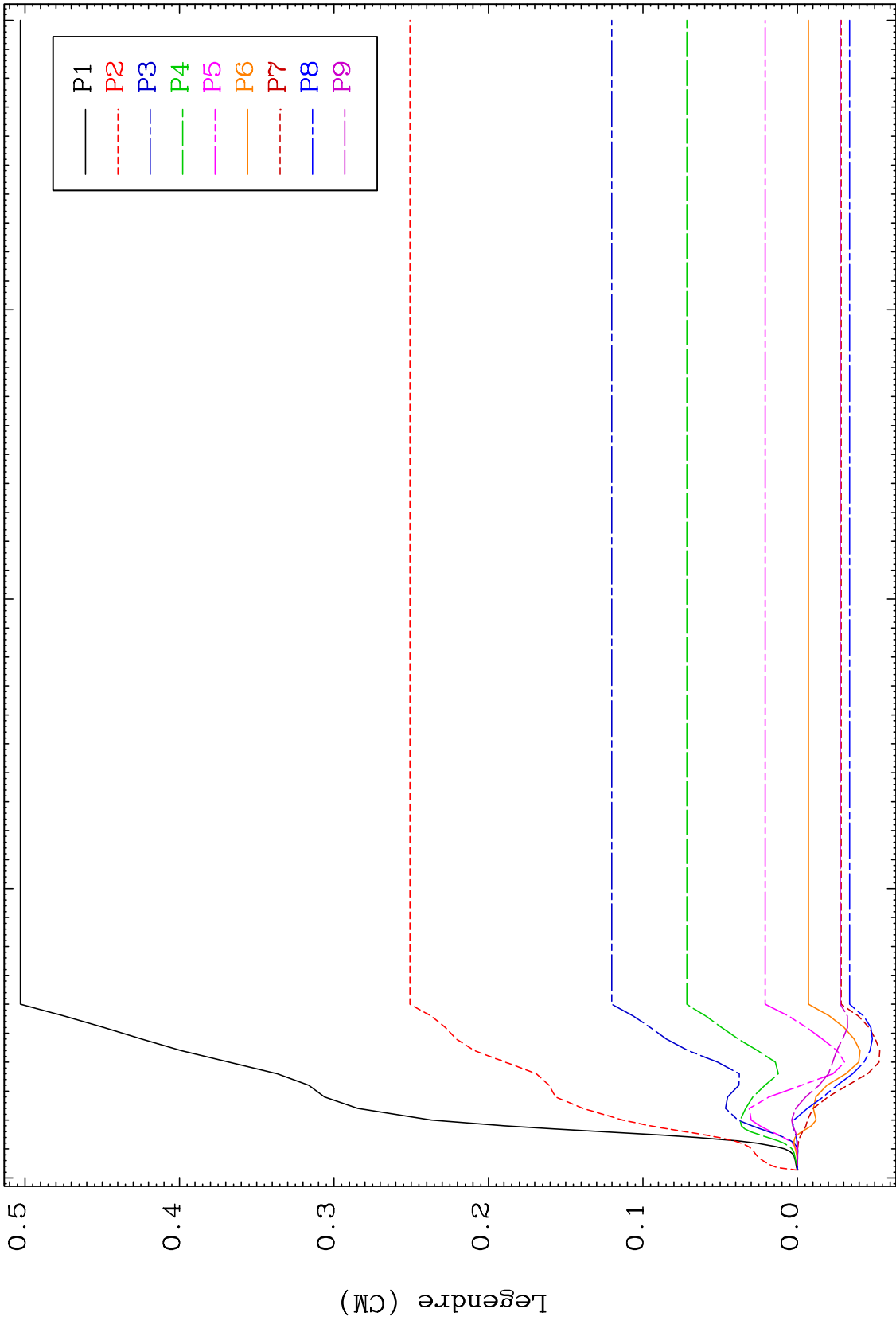


129

Incident Energy (MeV)

34-Se-73

MAT 3422 MT= 80 (n,n') Level Legendre Coefficients 34-Se-73

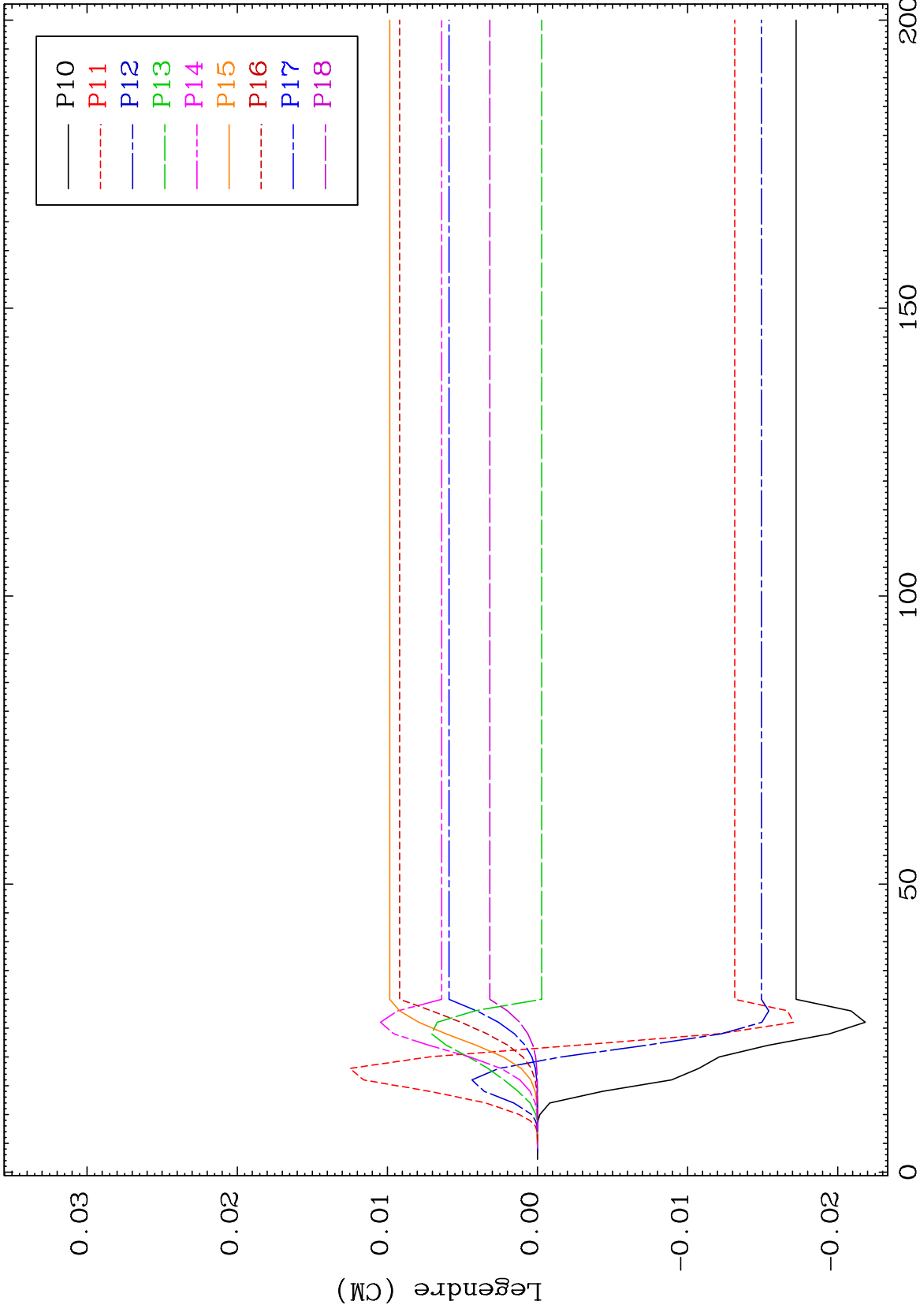


Legendre (CM) Incident Energy (MeV) 34-Se-73

MAT 3422

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

³⁴Se-73



131

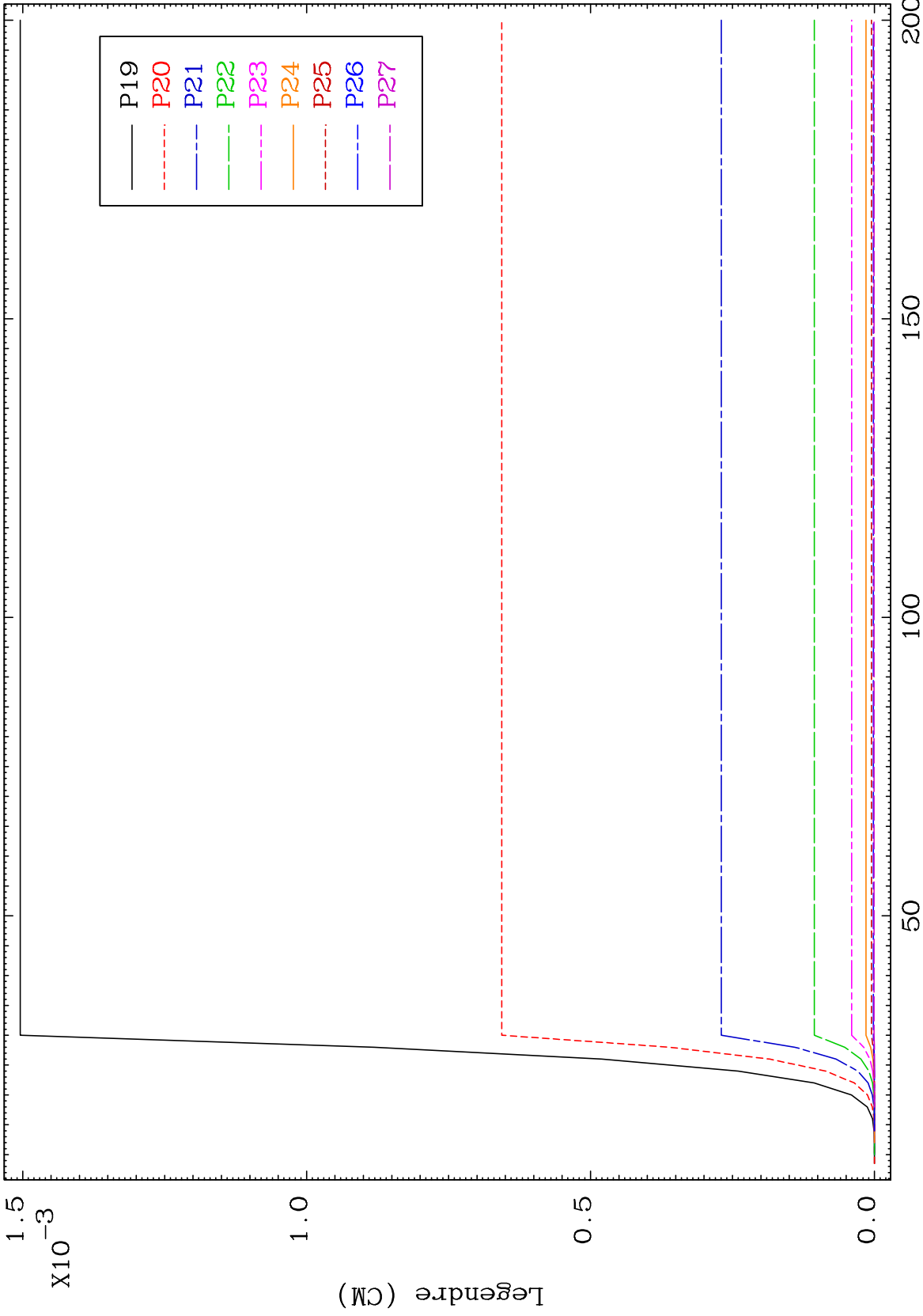
Incident Energy (MeV)

³⁴Se-73

MAT 3422

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

34-Se-73



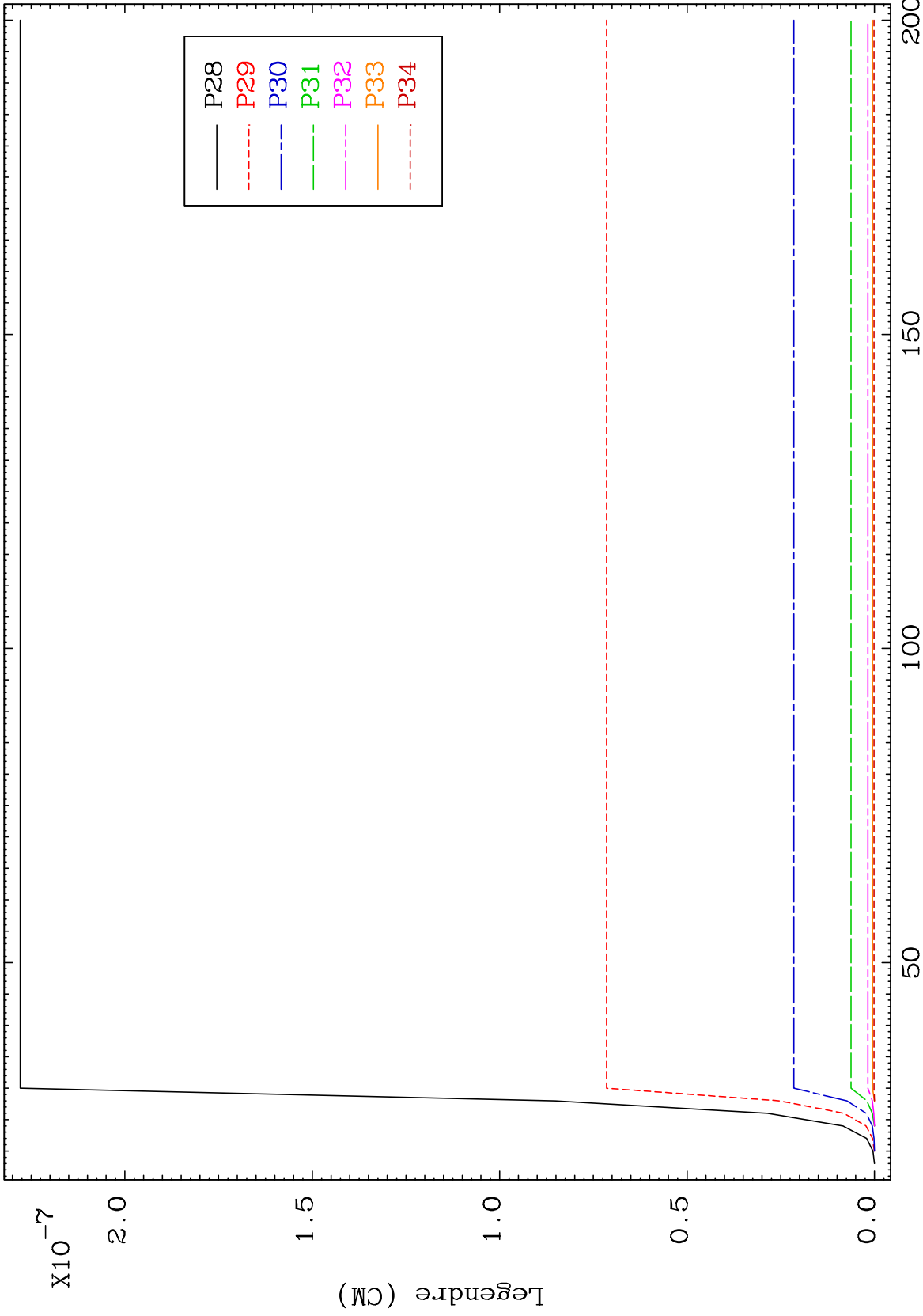
132

34-Se-73

MAT 3422

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

³⁴Se-73



133

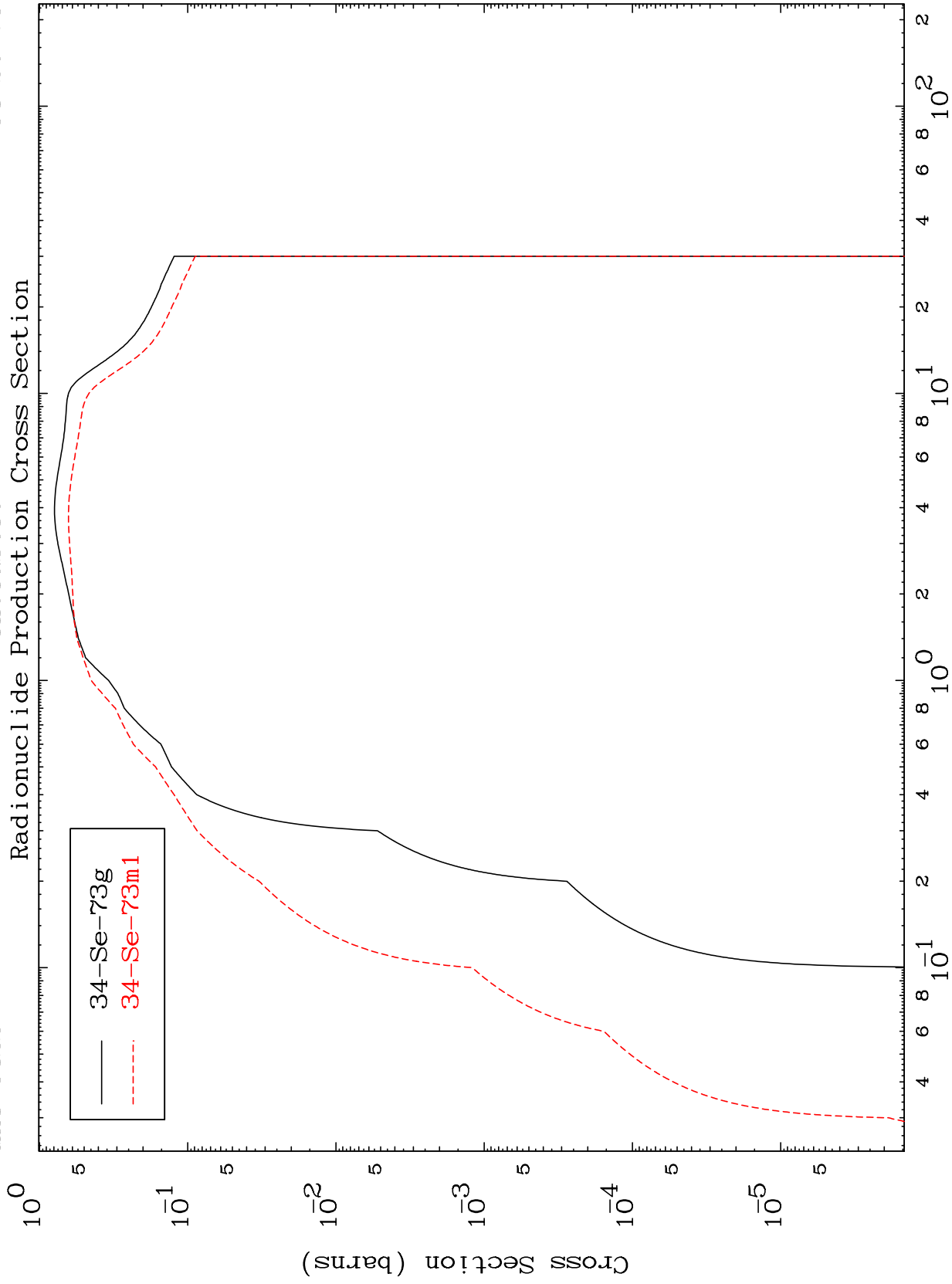
Incident Energy (MeV)

³⁴Se-73

MAT 3422

³⁴Se-73

Inelastic
Radionuclide Production Cross Section



134

³⁴Se-73