

Program EVALPLOT
(Version 2018-1)

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

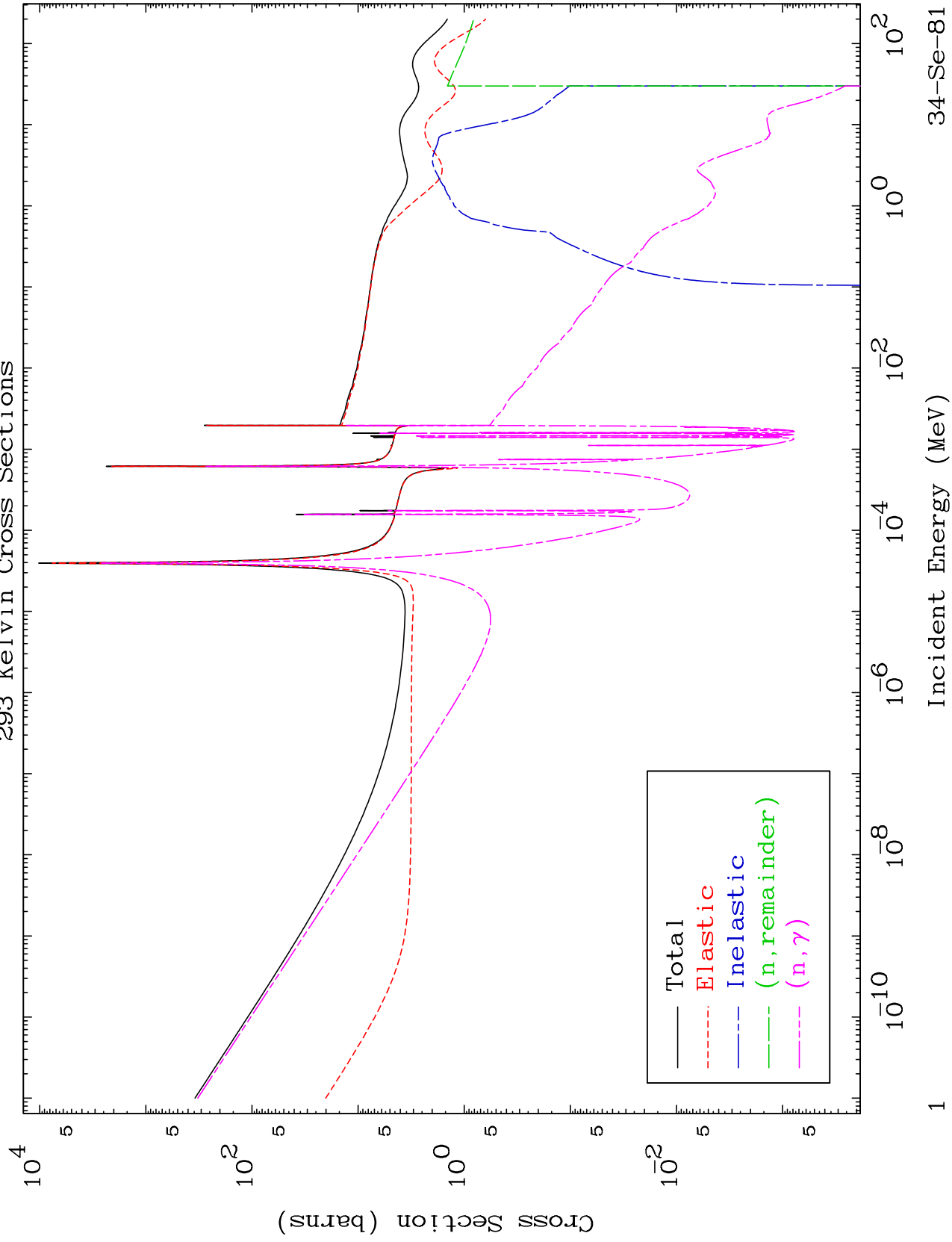
Press Mouse Button to Start

MAT 3446

Major

293 Kelvin Cross Sections

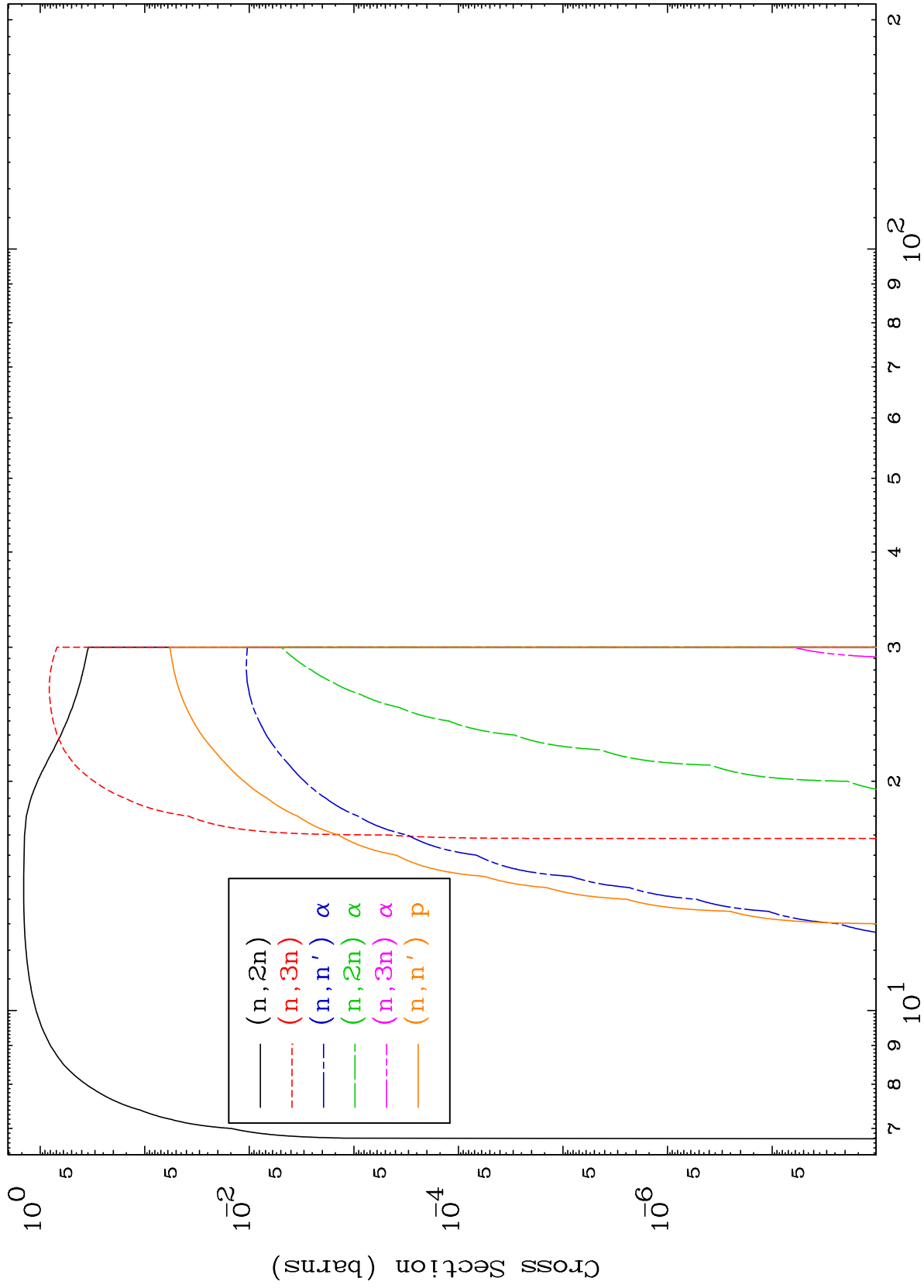
34-Se-81



MAT 3446

Neutron Production
293 Kelvin Cross Sections

34-Se-81



2

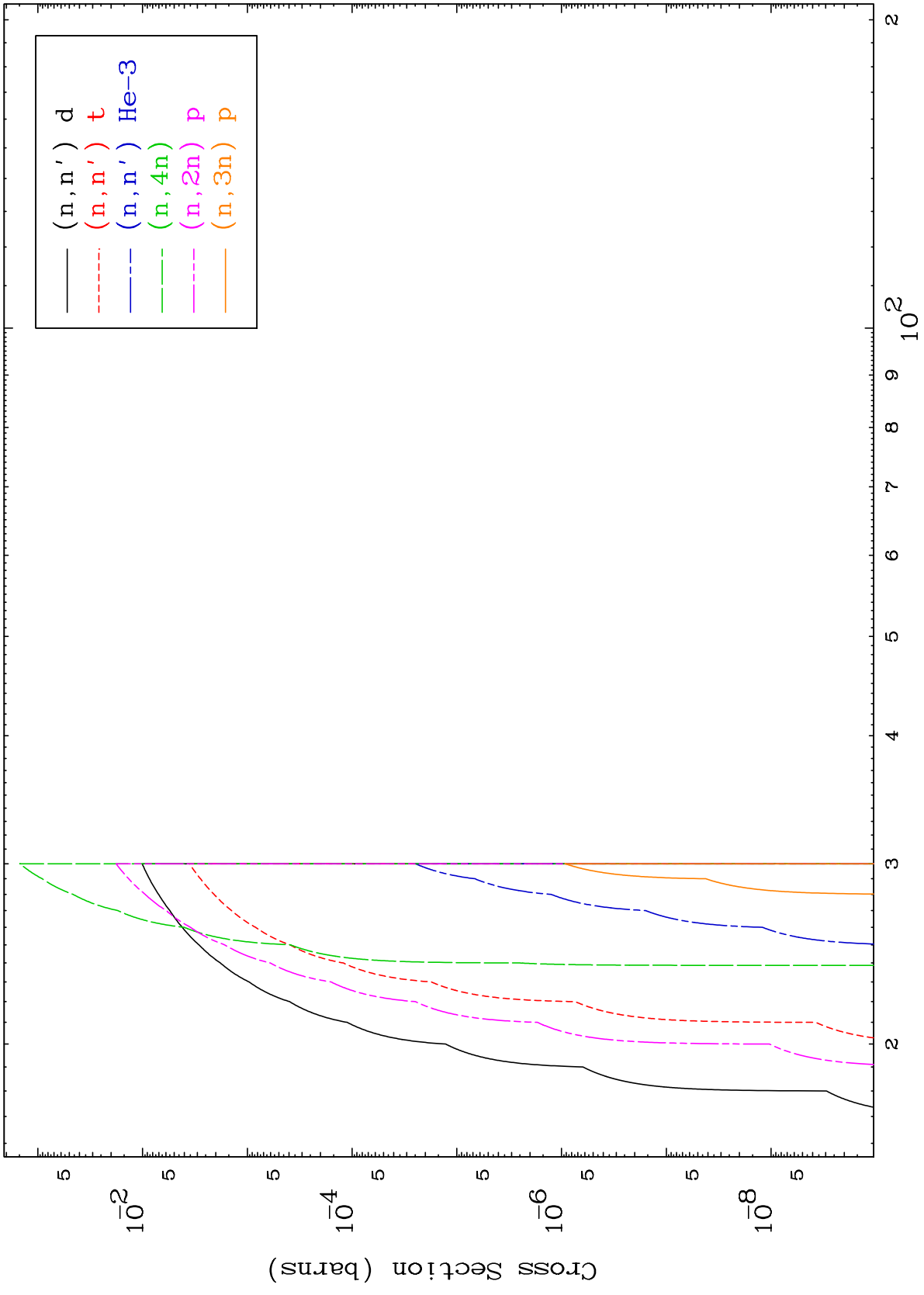
Incident Energy (MeV)

34-Se-81

MAT 3446

Neutron Production
293 Kelvin Cross Sections

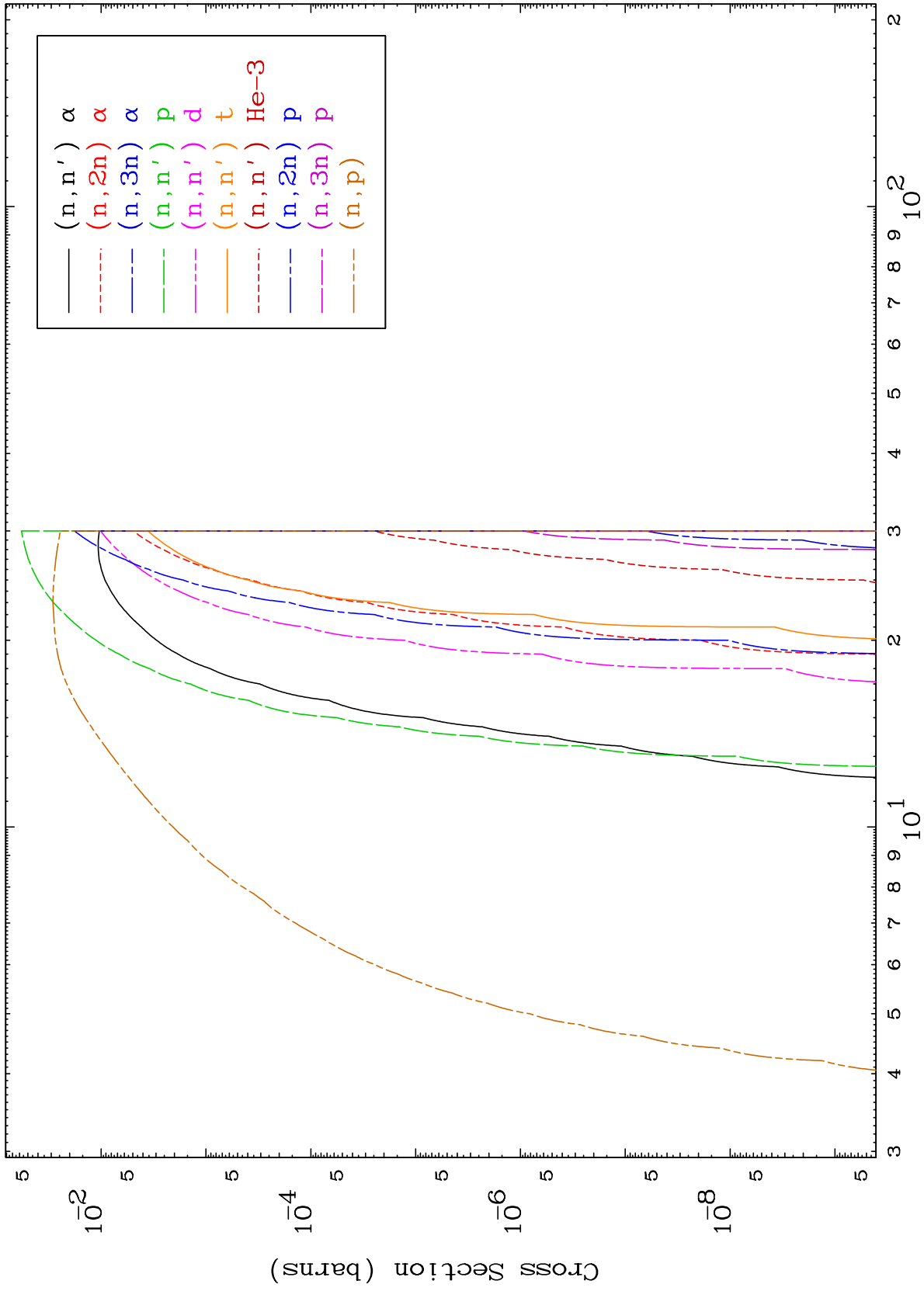
34-Se-81



3

Incident Energy (MeV)

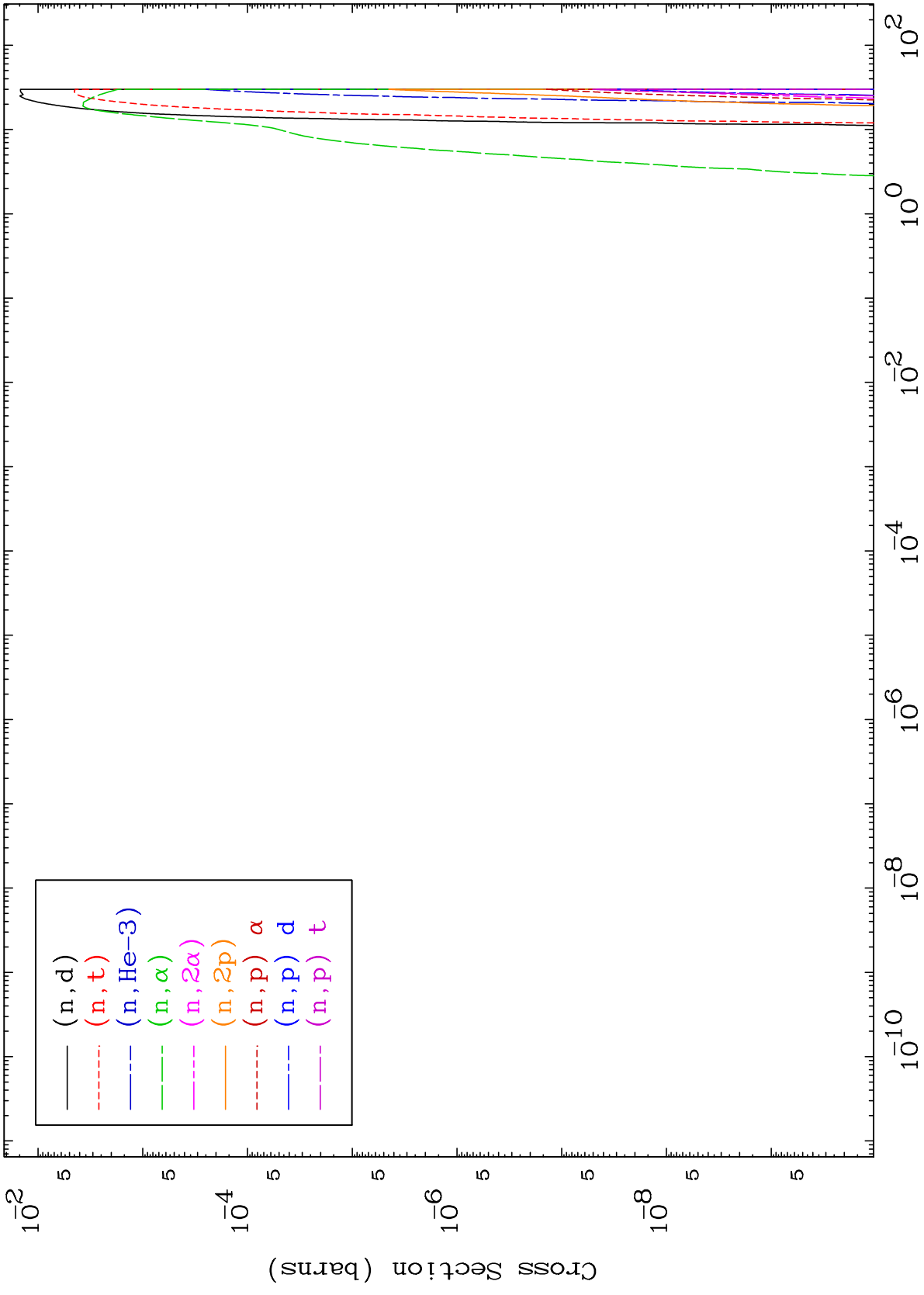
34-Se-81



MAT 3446

293 Kelvin Cross Sections

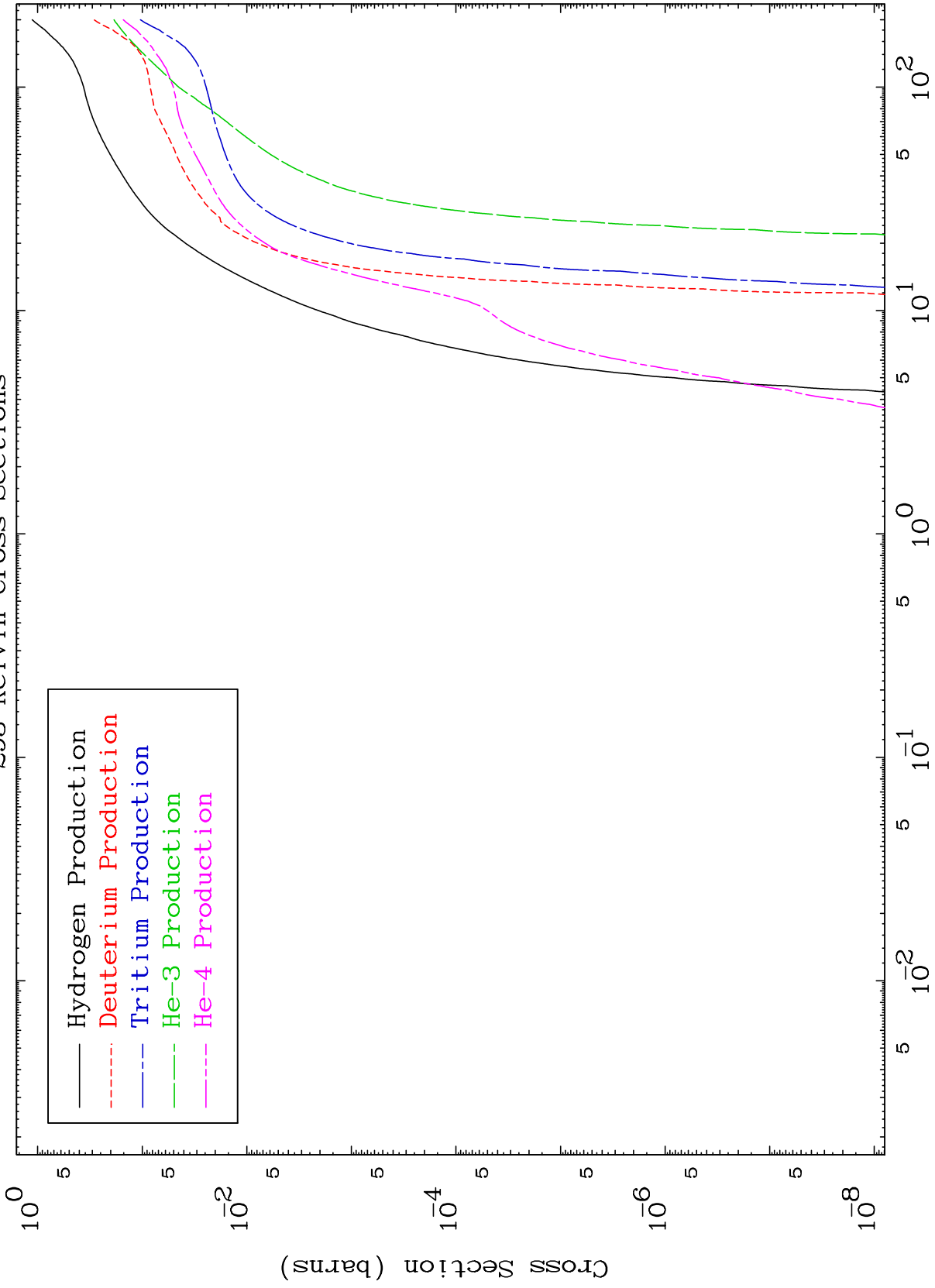
34-Se-81



MAT 3446

Particle Production
293 Kelvin Cross Sections

34-Se-81



6

Incident Energy (MeV)

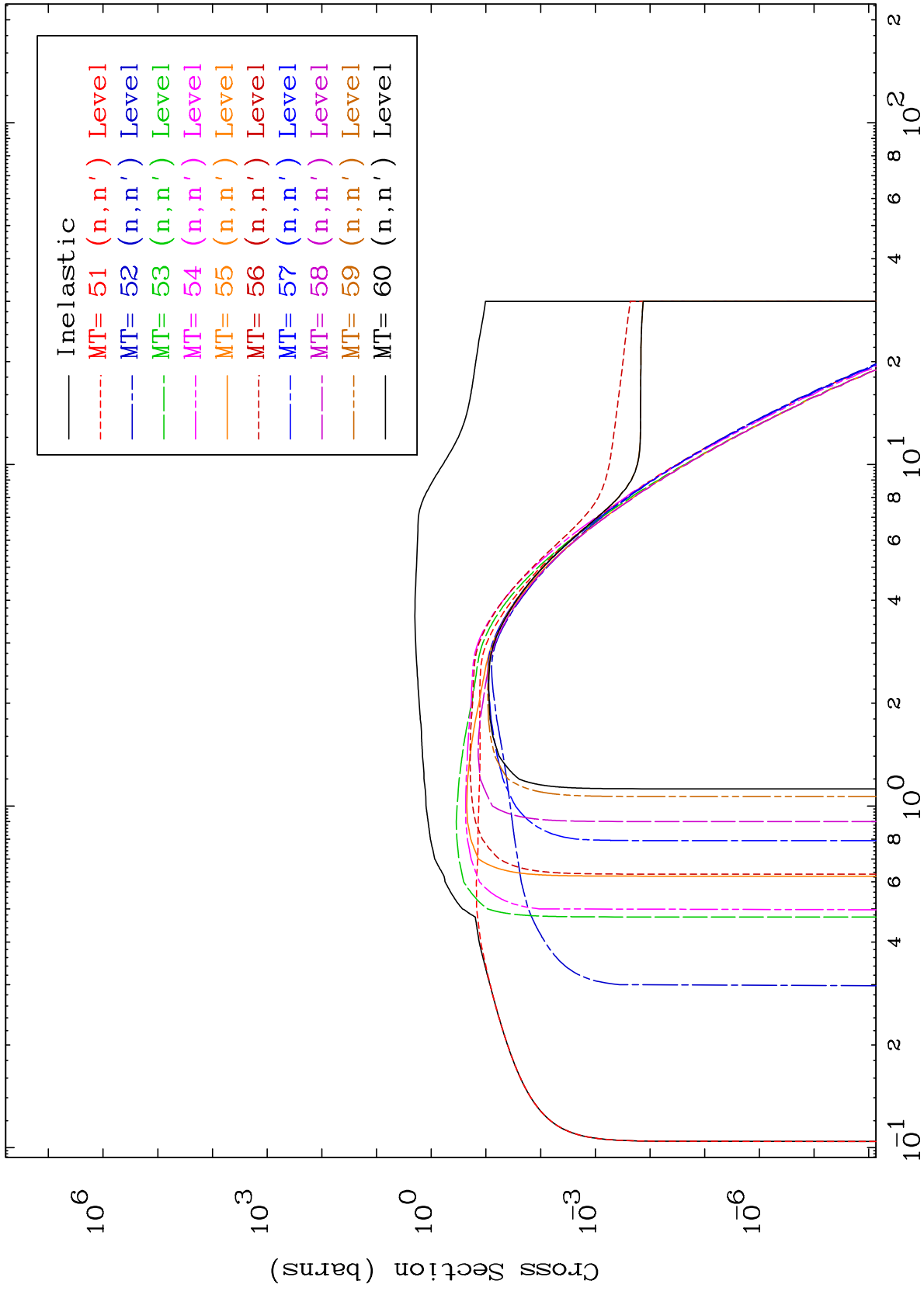
34-Se-81

MAT 3446

(n,n') Level

34-Se-81

293 Kelvin Cross Sections



Incident Energy (MeV)

34-Se-81

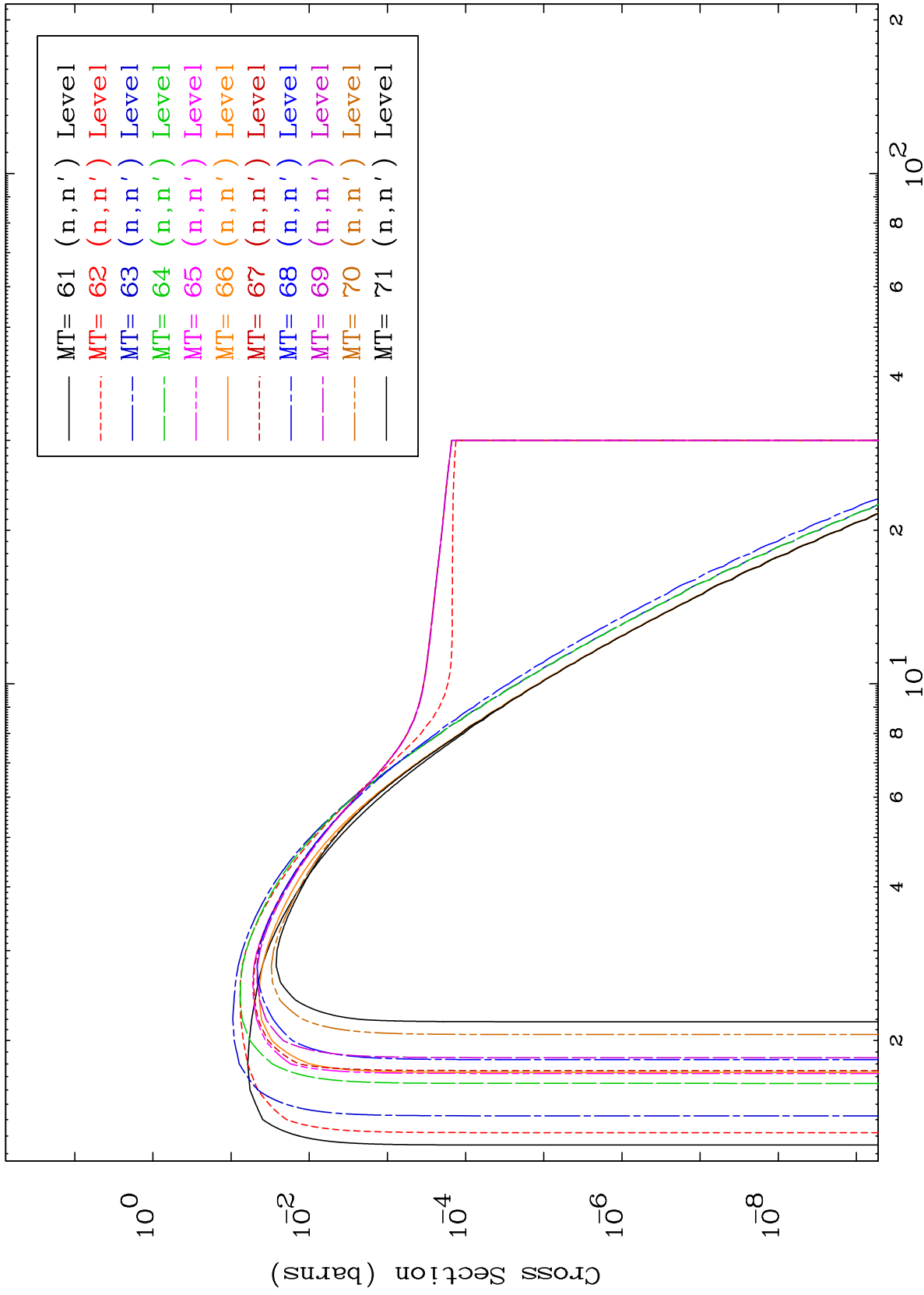
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MAT 3446

(n,n') Level

34-Se-81

293 Kelvin Cross Sections

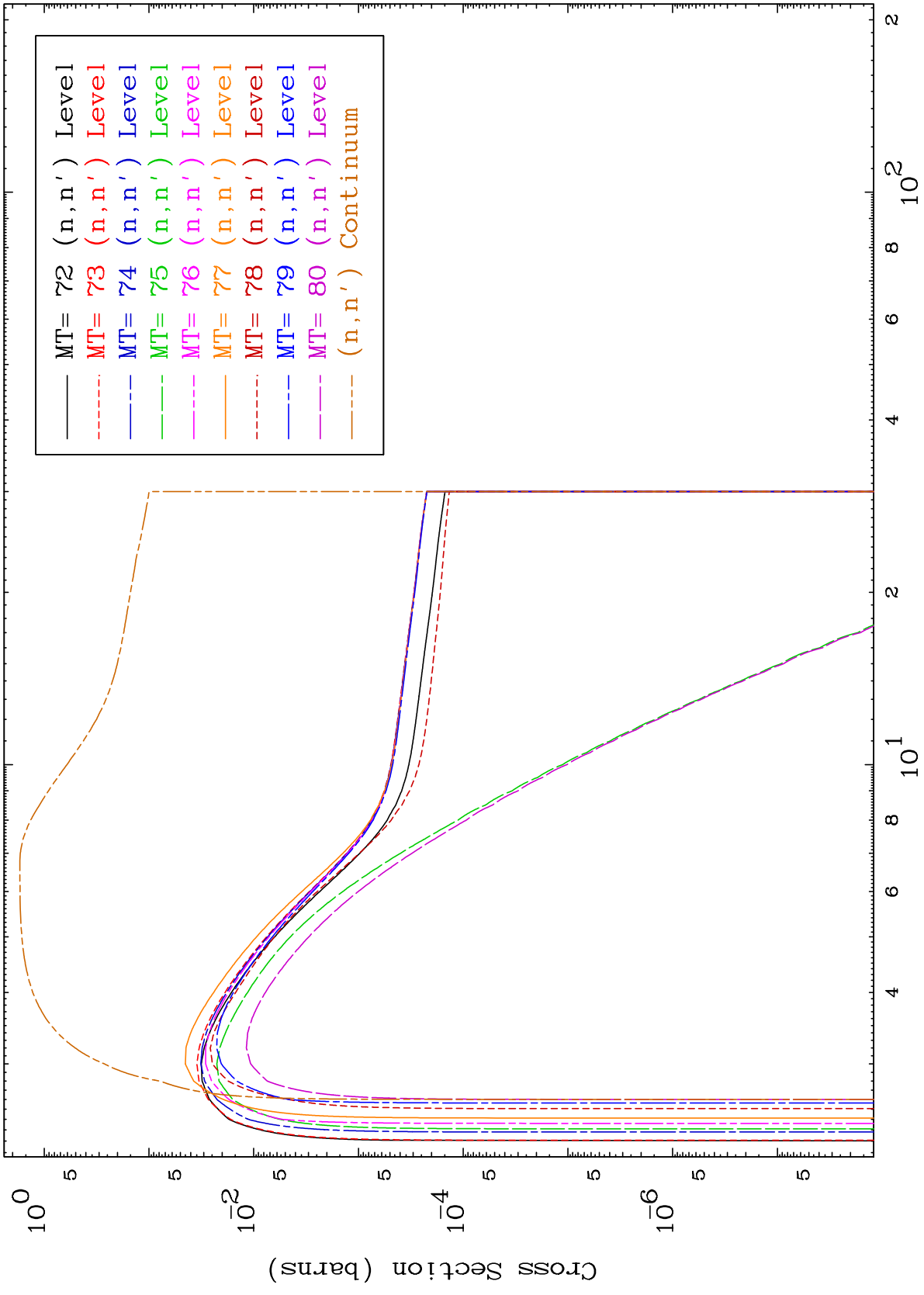


8

Incident Energy (MeV)

34-Se-81

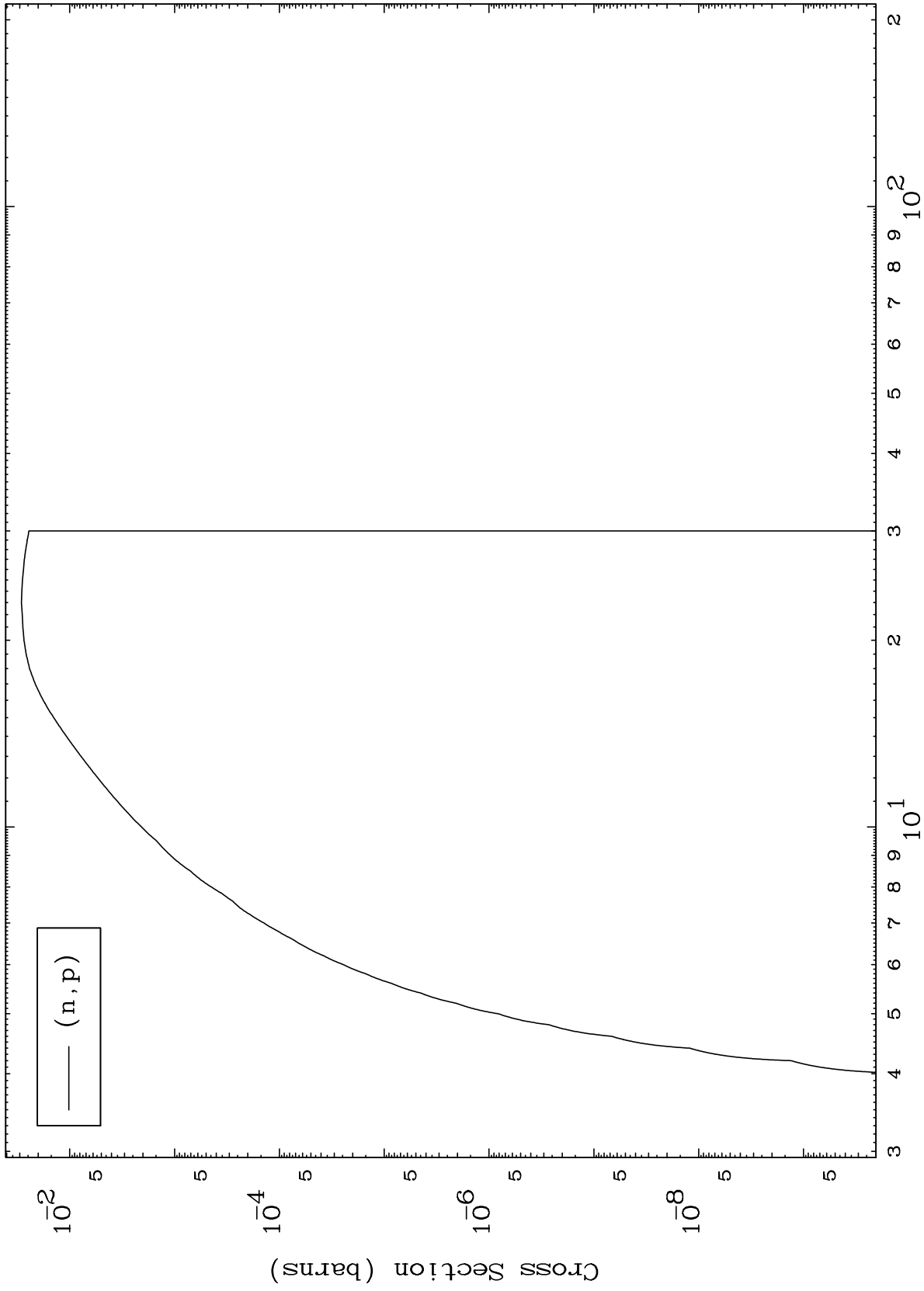
293 Kelvin Cross Sections



MAT 3446

(n,p) Levels
293 Kelvin Cross Sections

34-Se-81



10

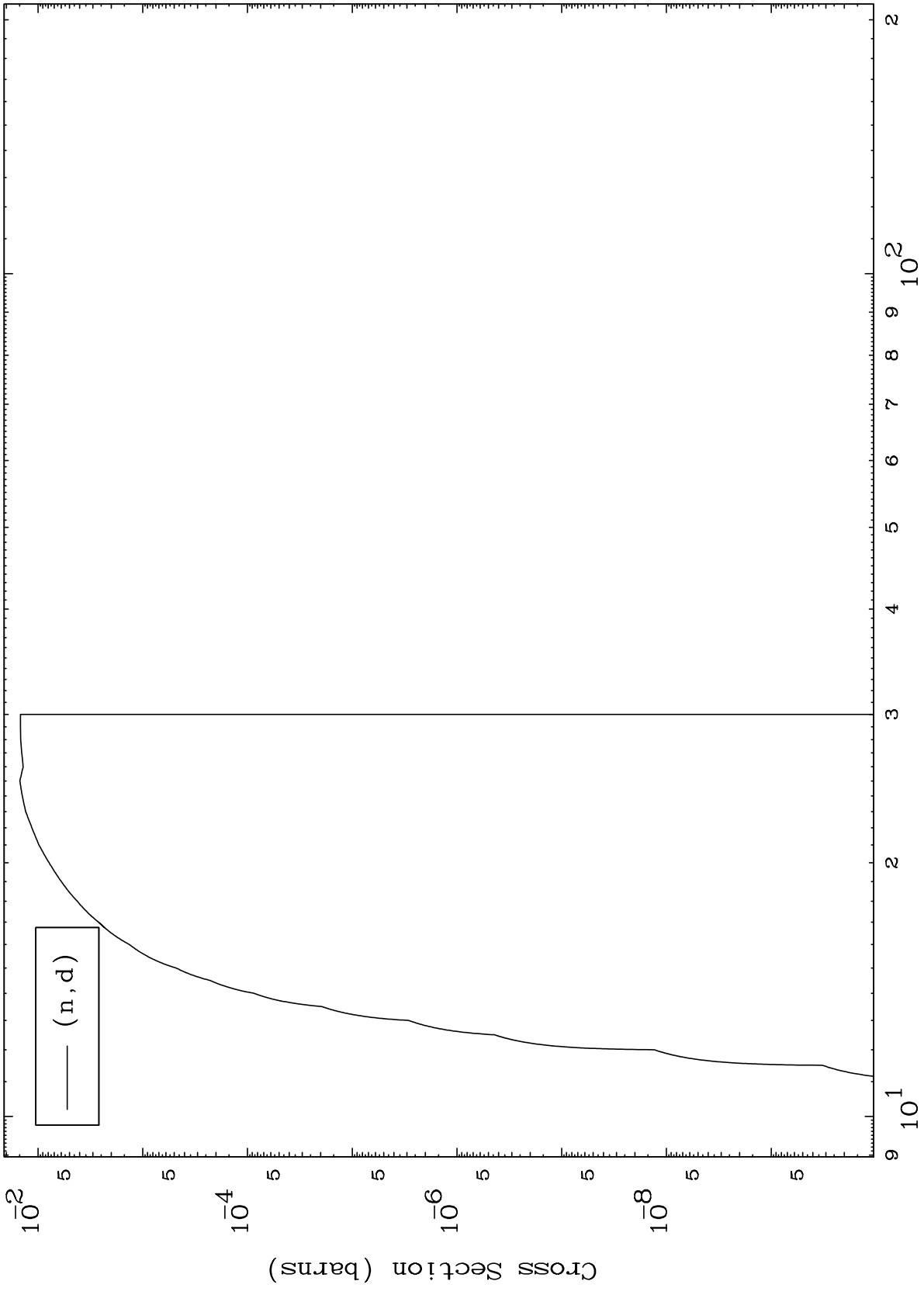
Incident Energy (MeV)

34-Se-81

MAT 3446

(n,d) Levels
293 Kelvin Cross Sections

34-Se-81



11

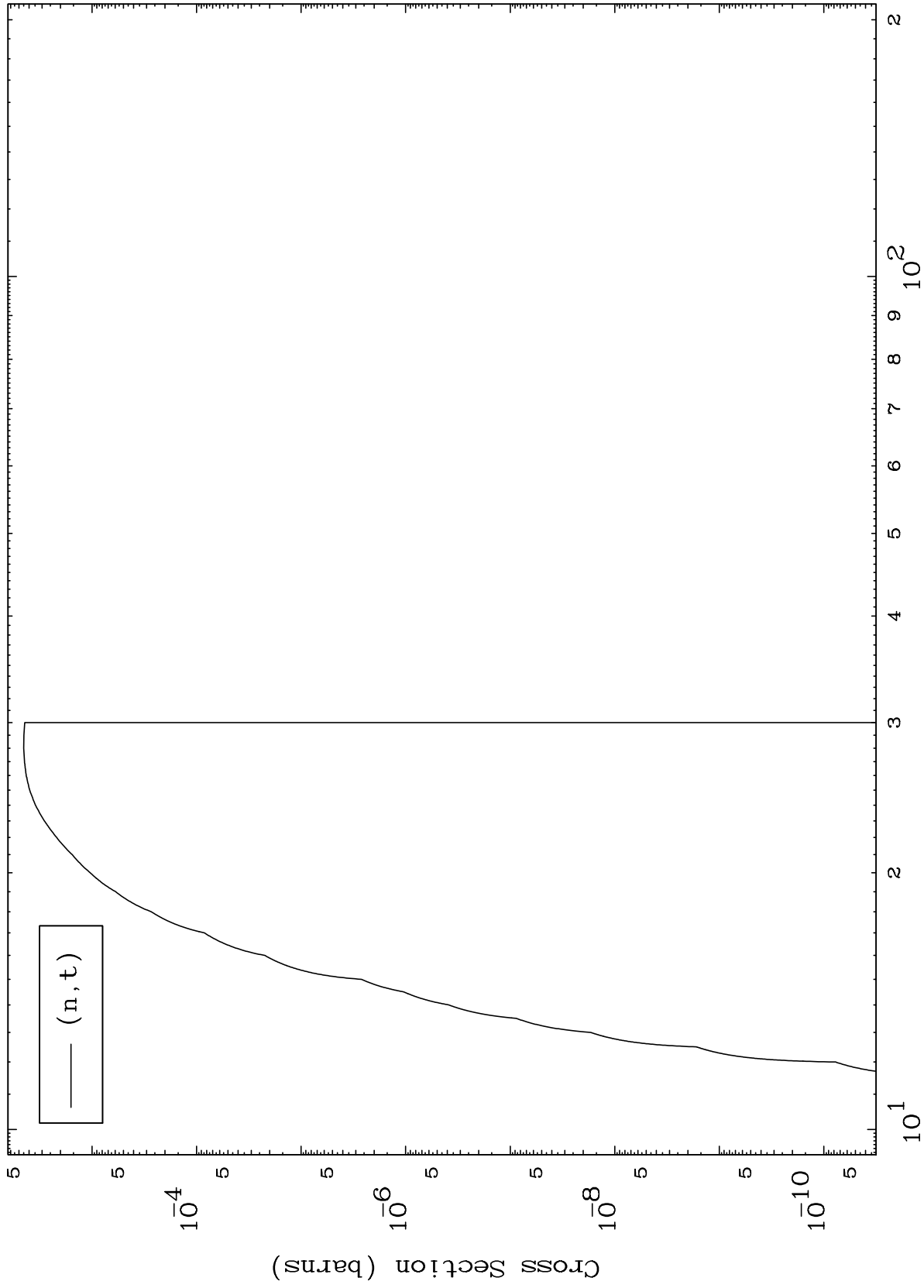
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34-Se-81

MAT 3446

(n,t) Levels
293 Kelvin Cross Sections

34-Se-81



12

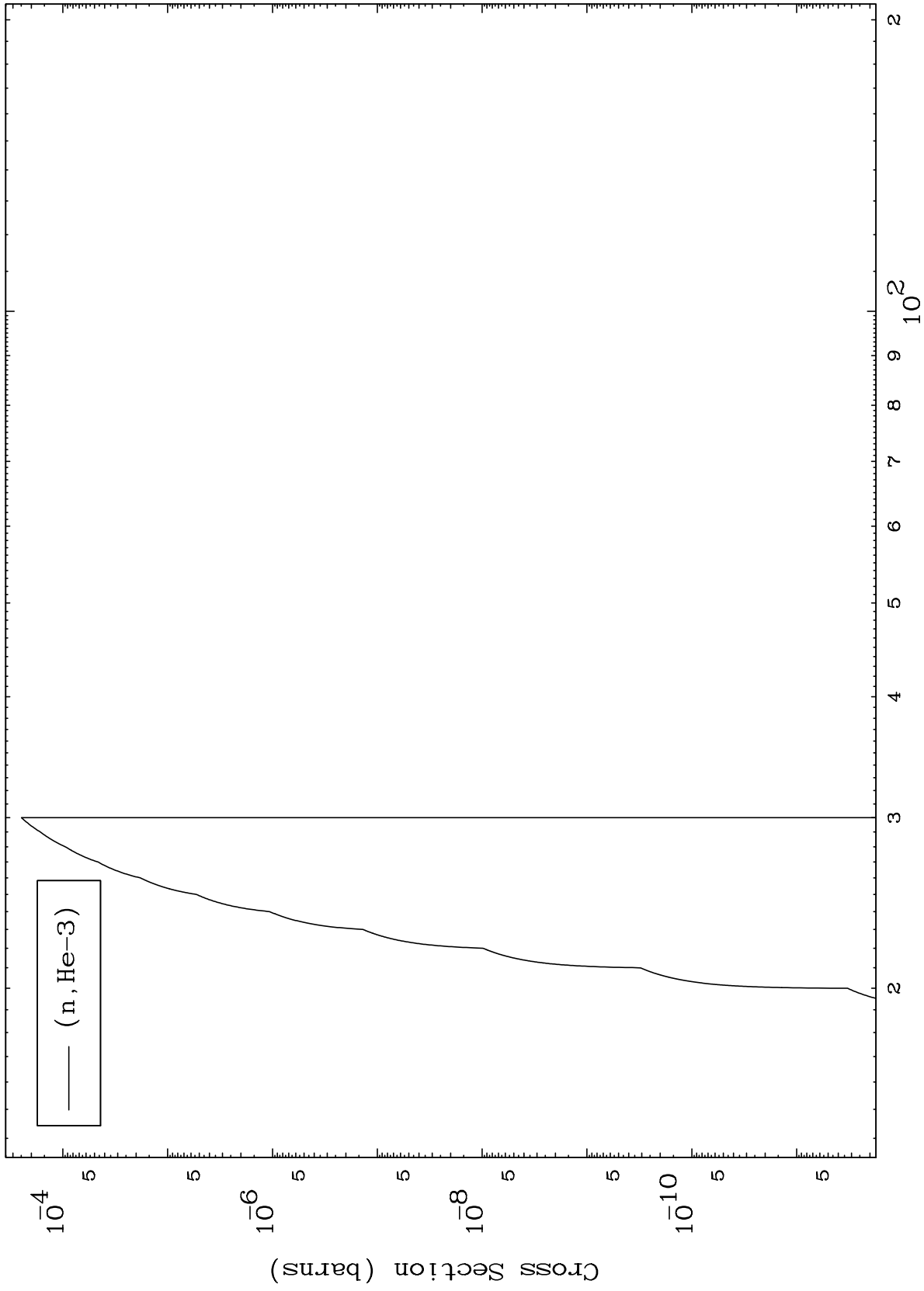
Incident Energy (MeV)

34-Se-81

MAT 3446

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-81



13

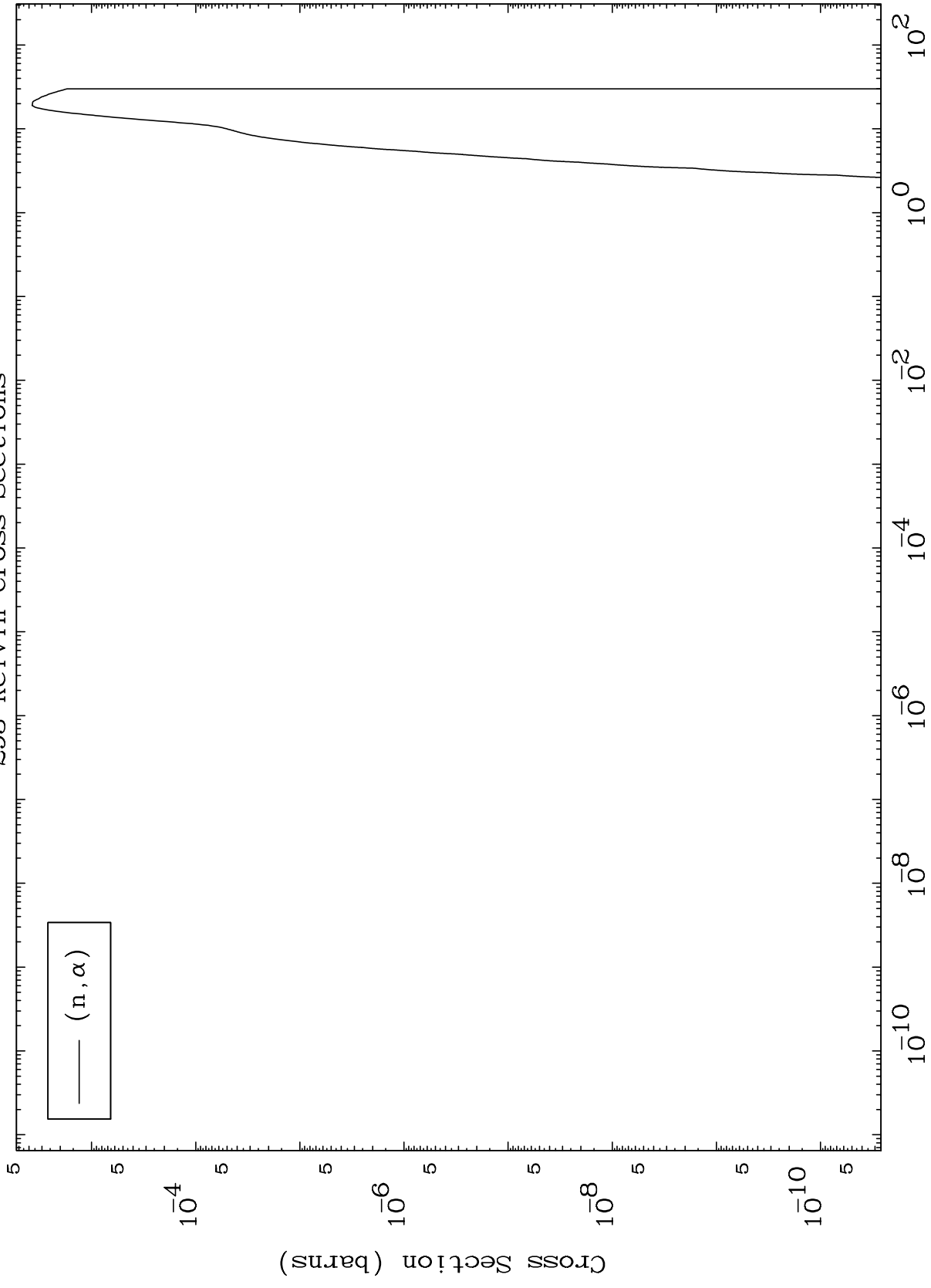
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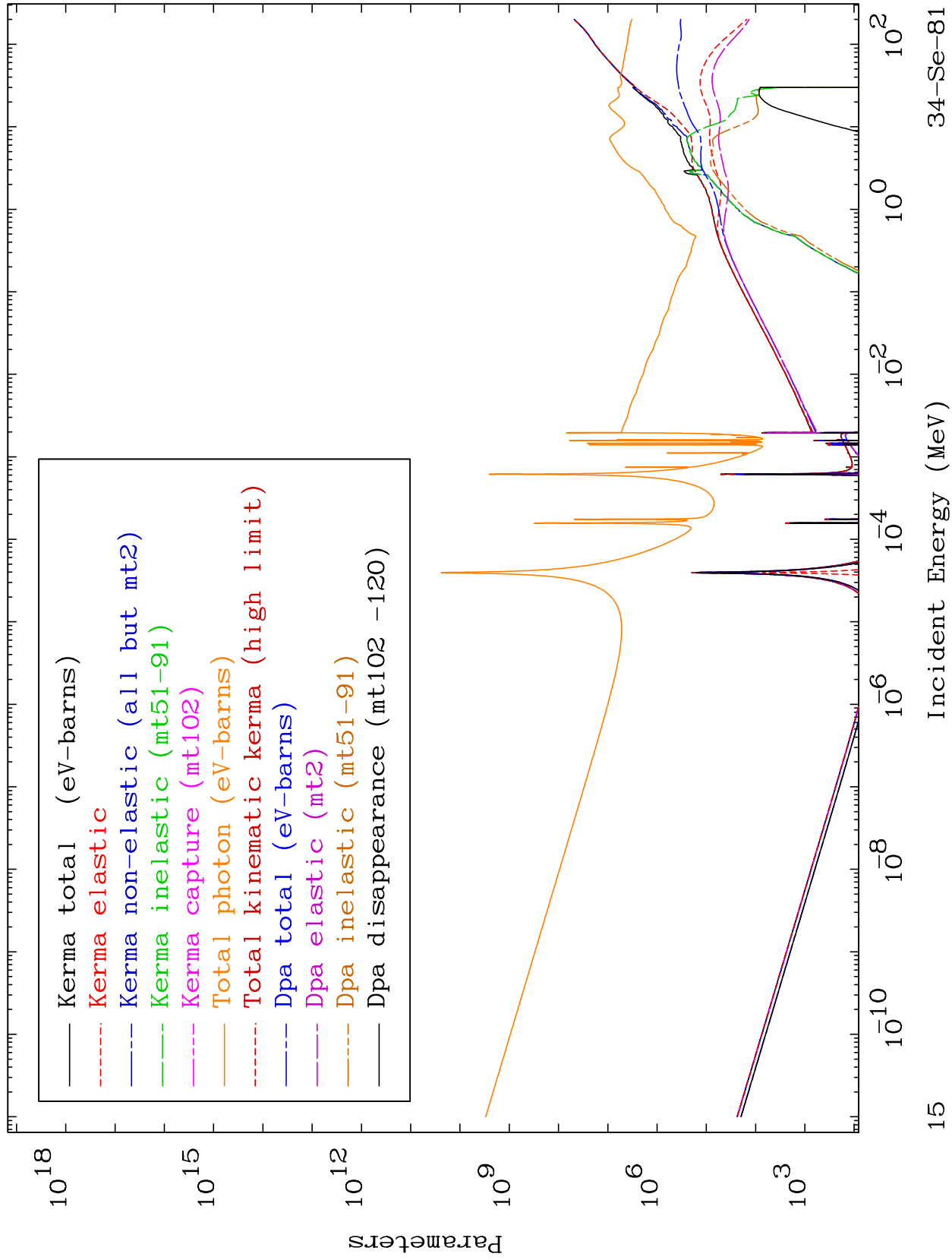
34-Se-81

MAT 3446

(n,α) Levels
293 Kelvin Cross Sections

34-Se-81

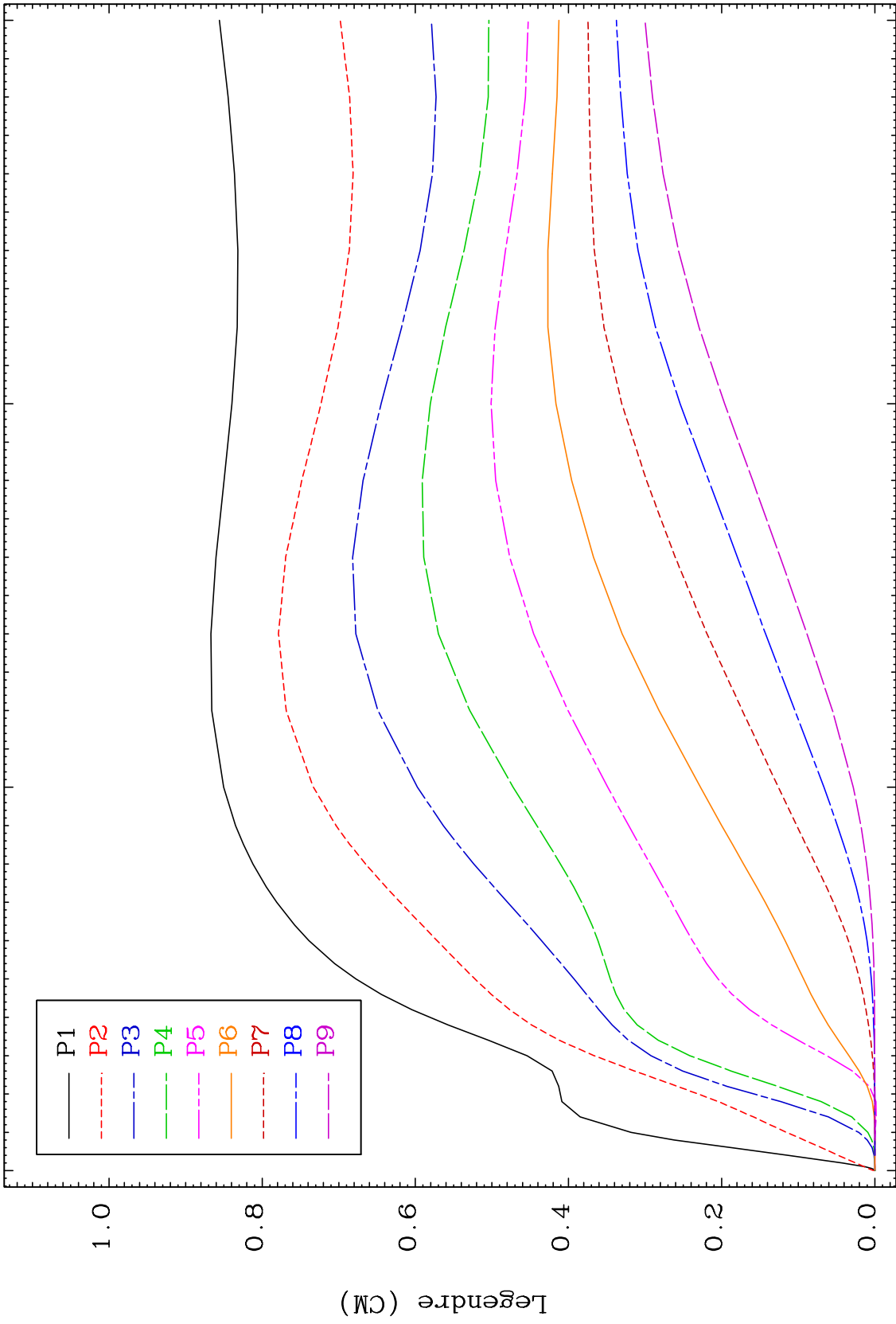




MAT 3446

Elastic Legendre Coefficients

³⁴Se-81



16

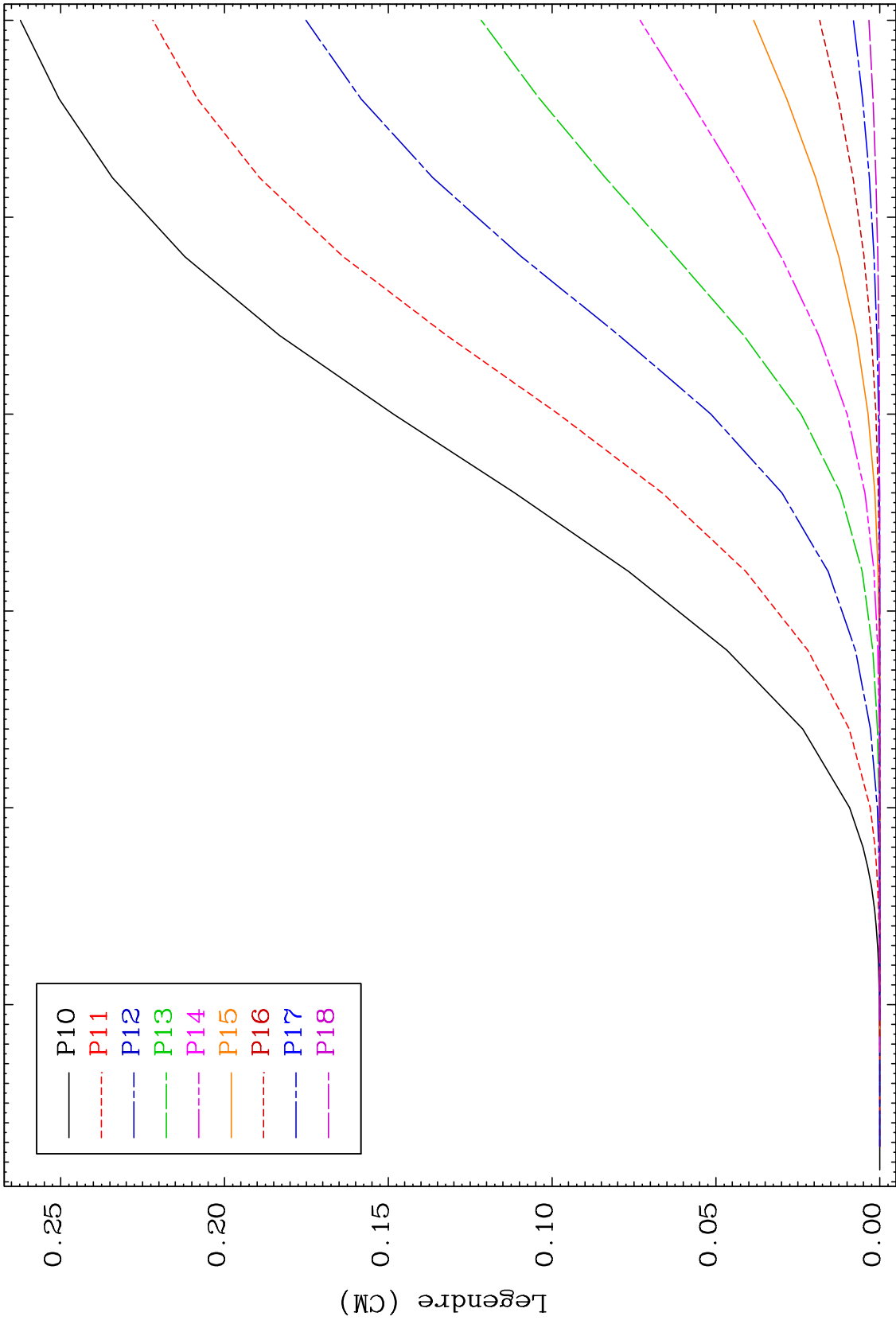
Incident Energy (MeV)

³⁴Se-81

MAT 3446

Elastic Legendre Coefficients

34-Se-81



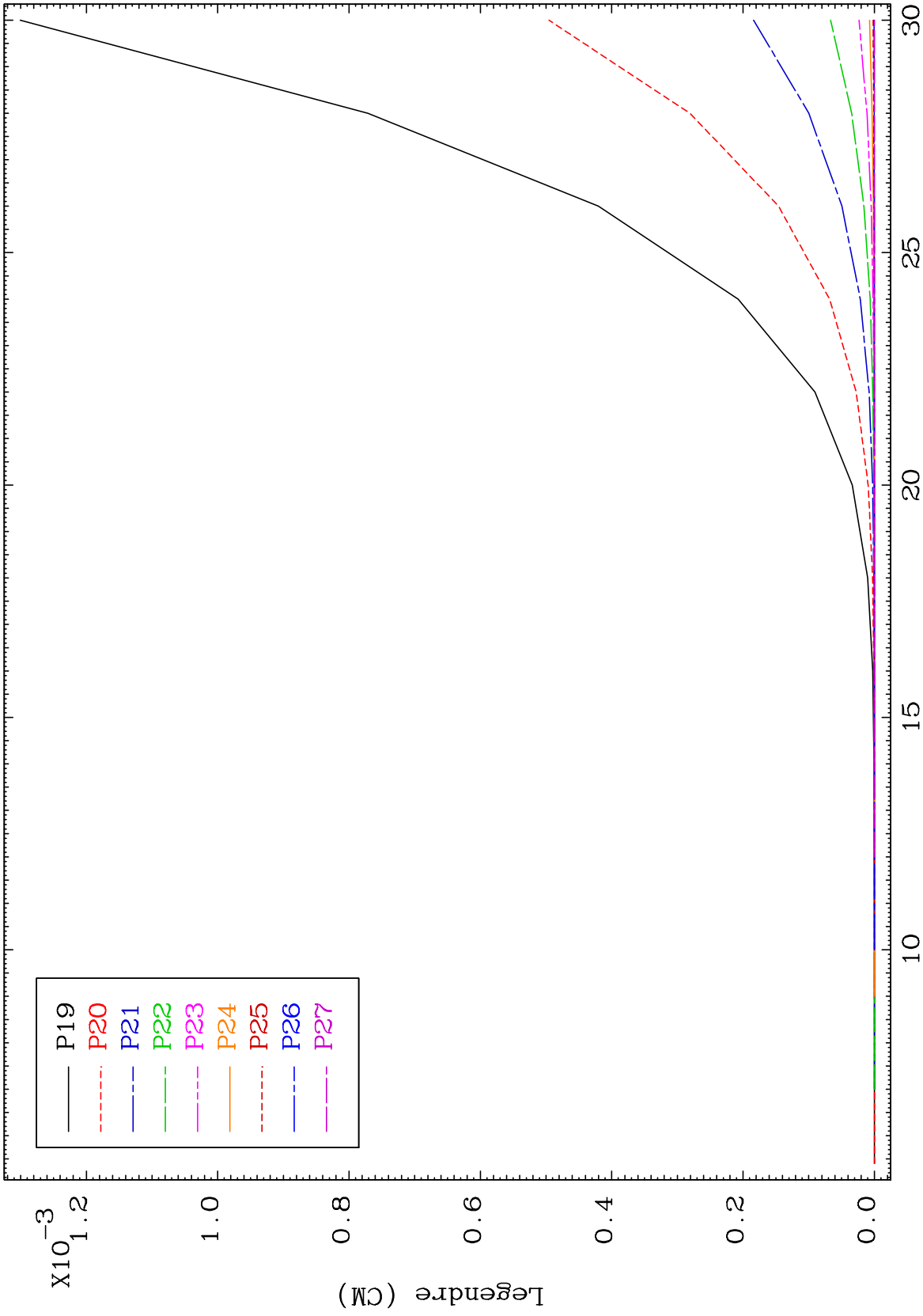
17

34-Se-81

MAT 3446

Elastic Legendre Coefficients

34-Se-81



18

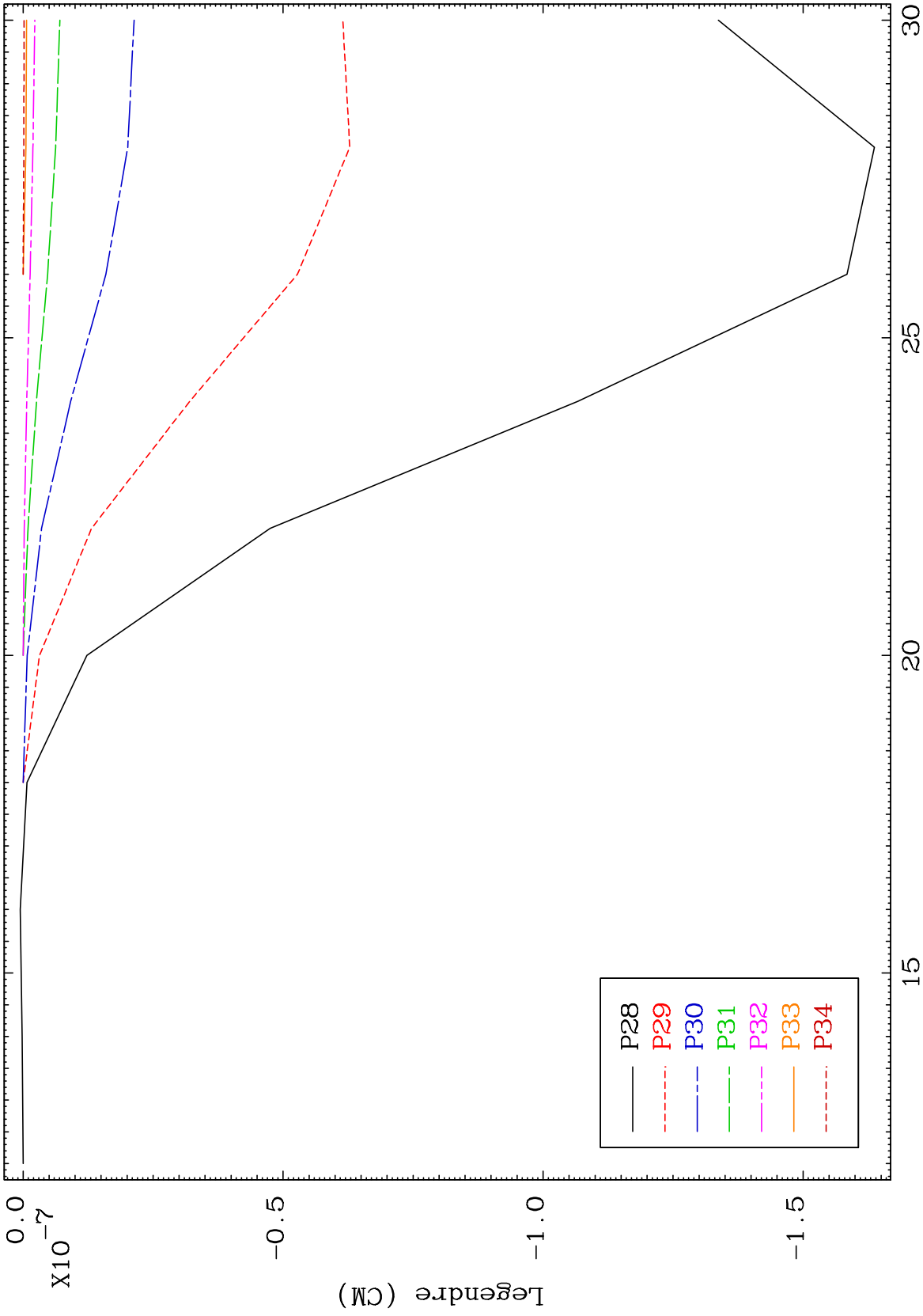
Incident Energy (MeV)

34-Se-81

MAT 3446

34-Se-81

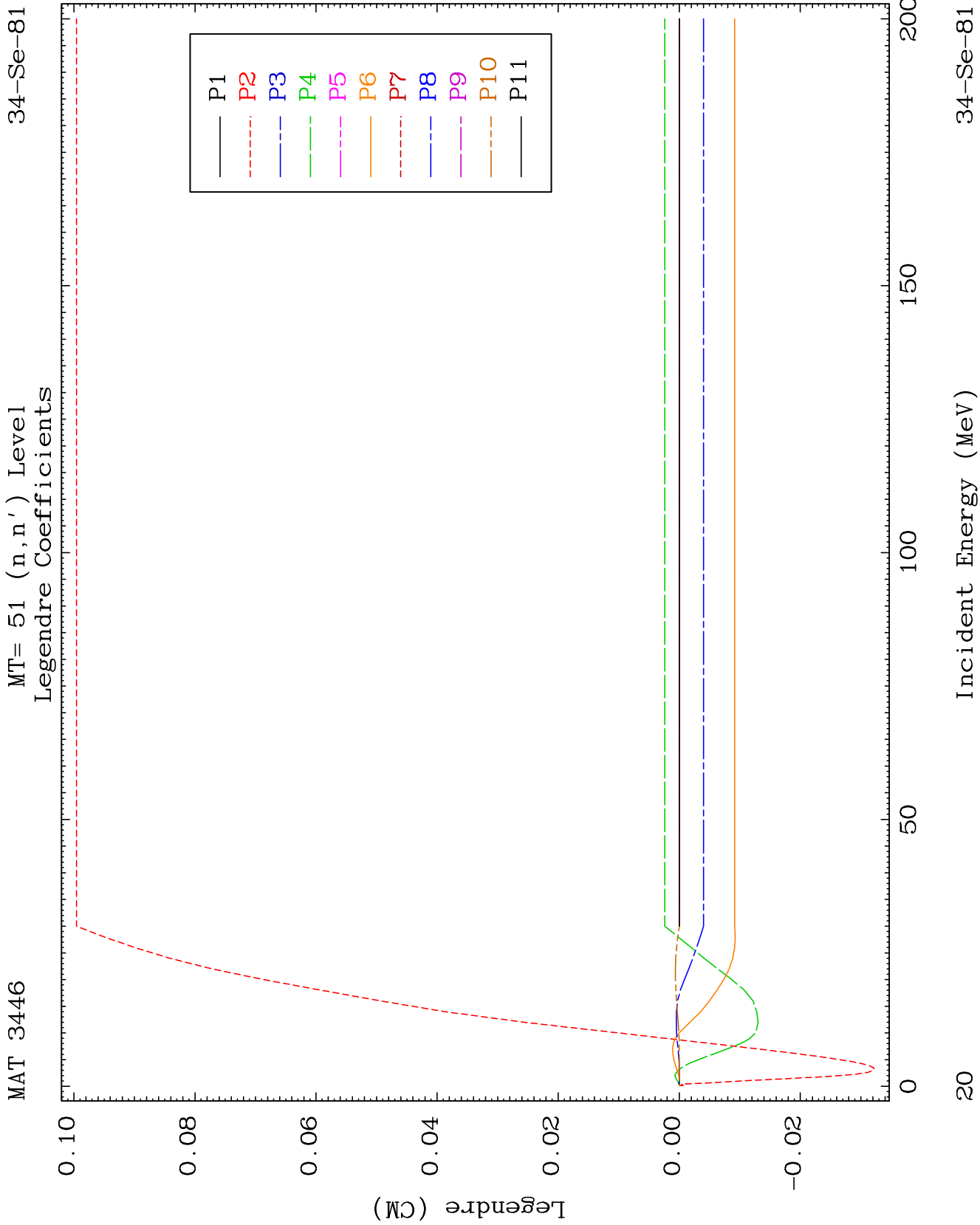
Elastic
Legendre Coefficients



19

Incident Energy (MeV)

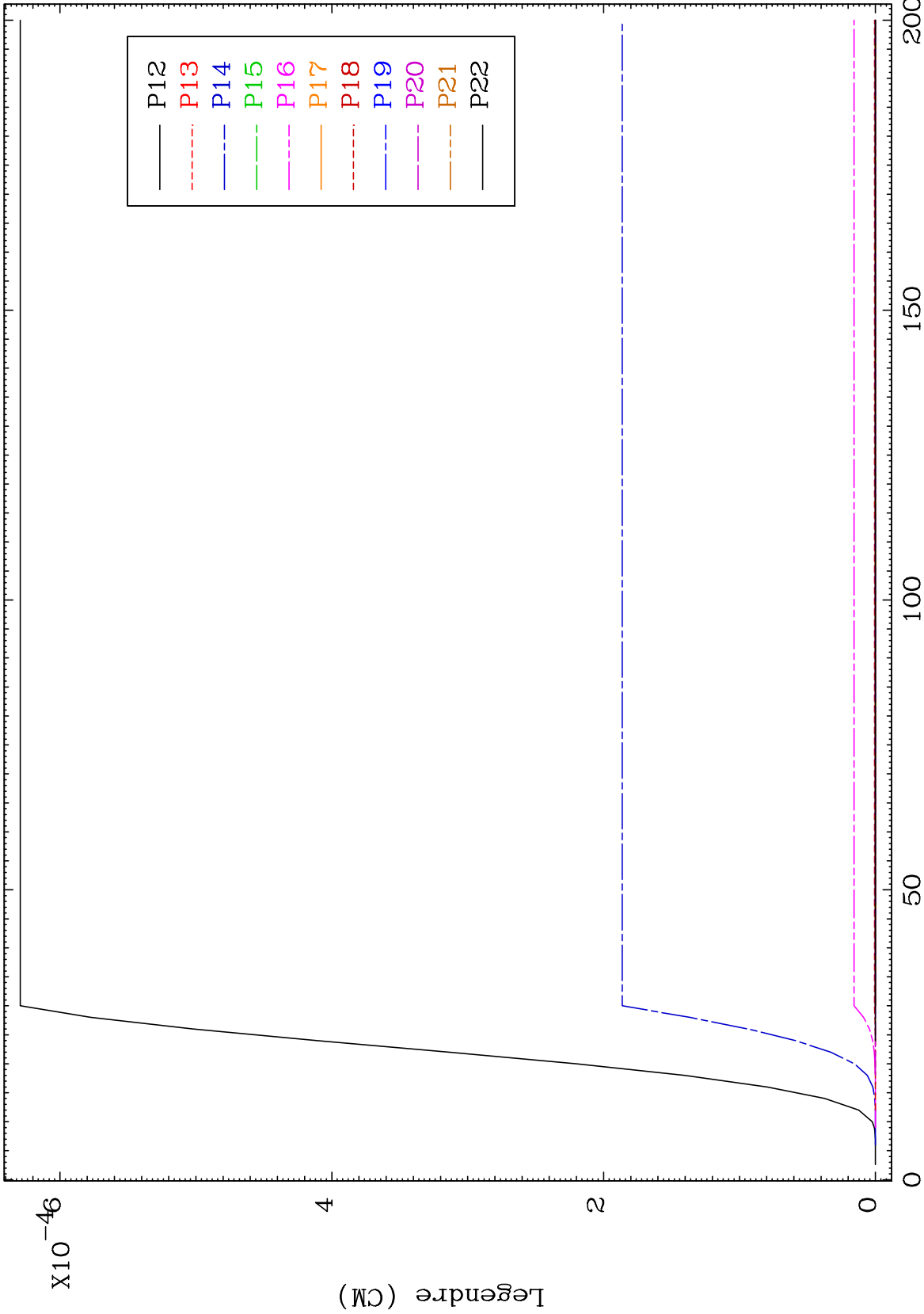
34-Se-81



MAT 3446

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

34-Se-81



21

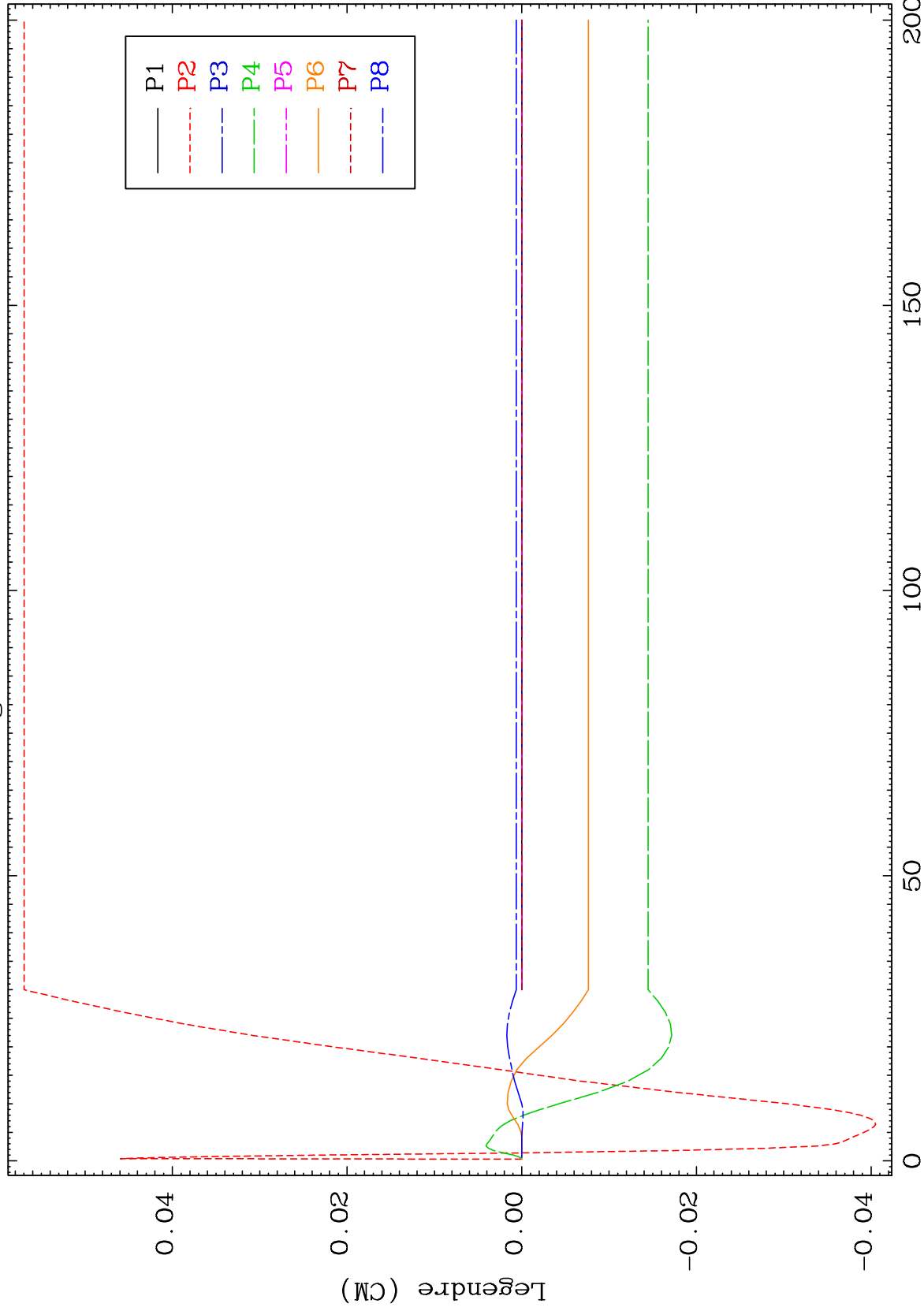
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



22

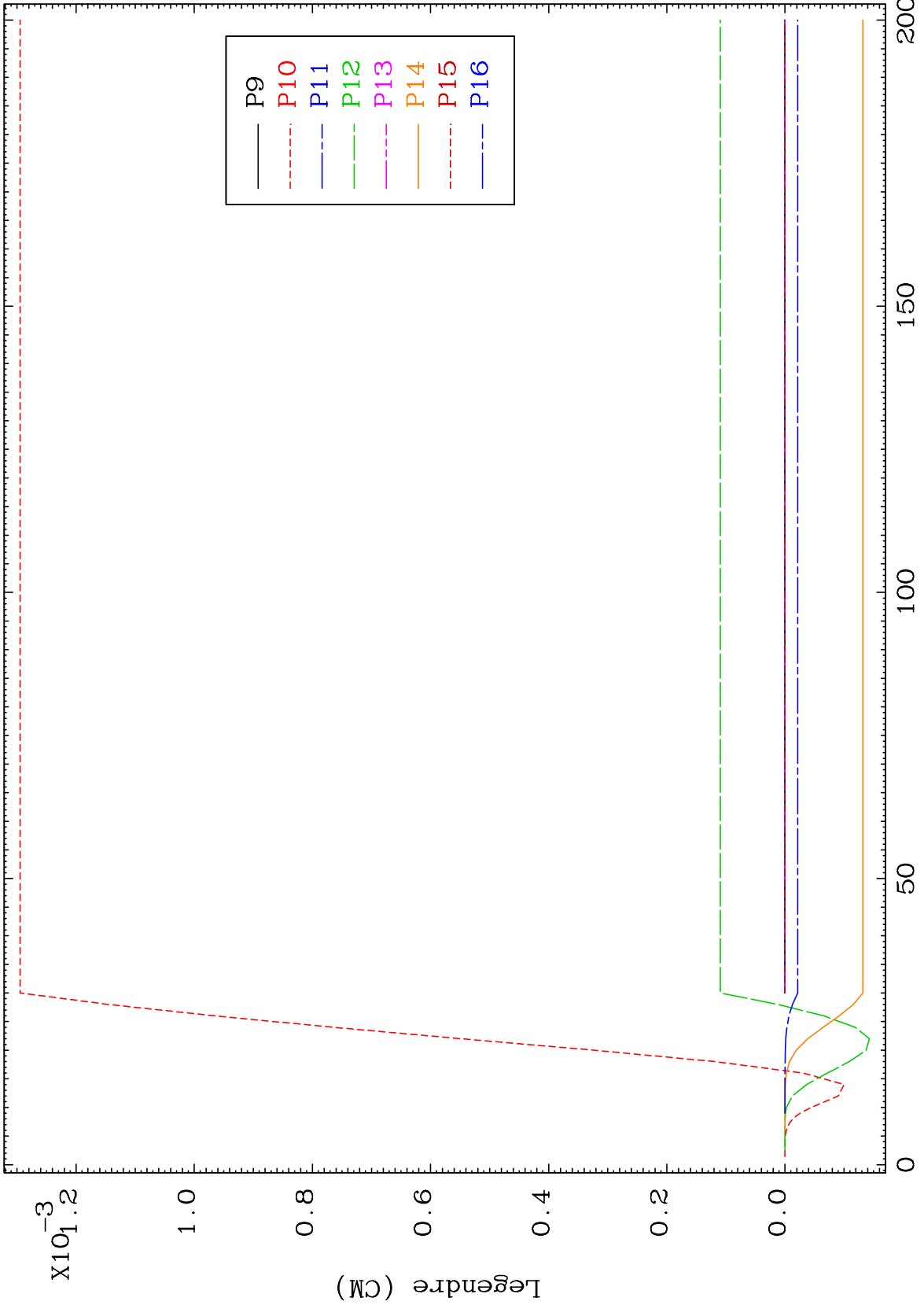
Incident Energy (MeV)

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MAT 3446

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

34-Se-81

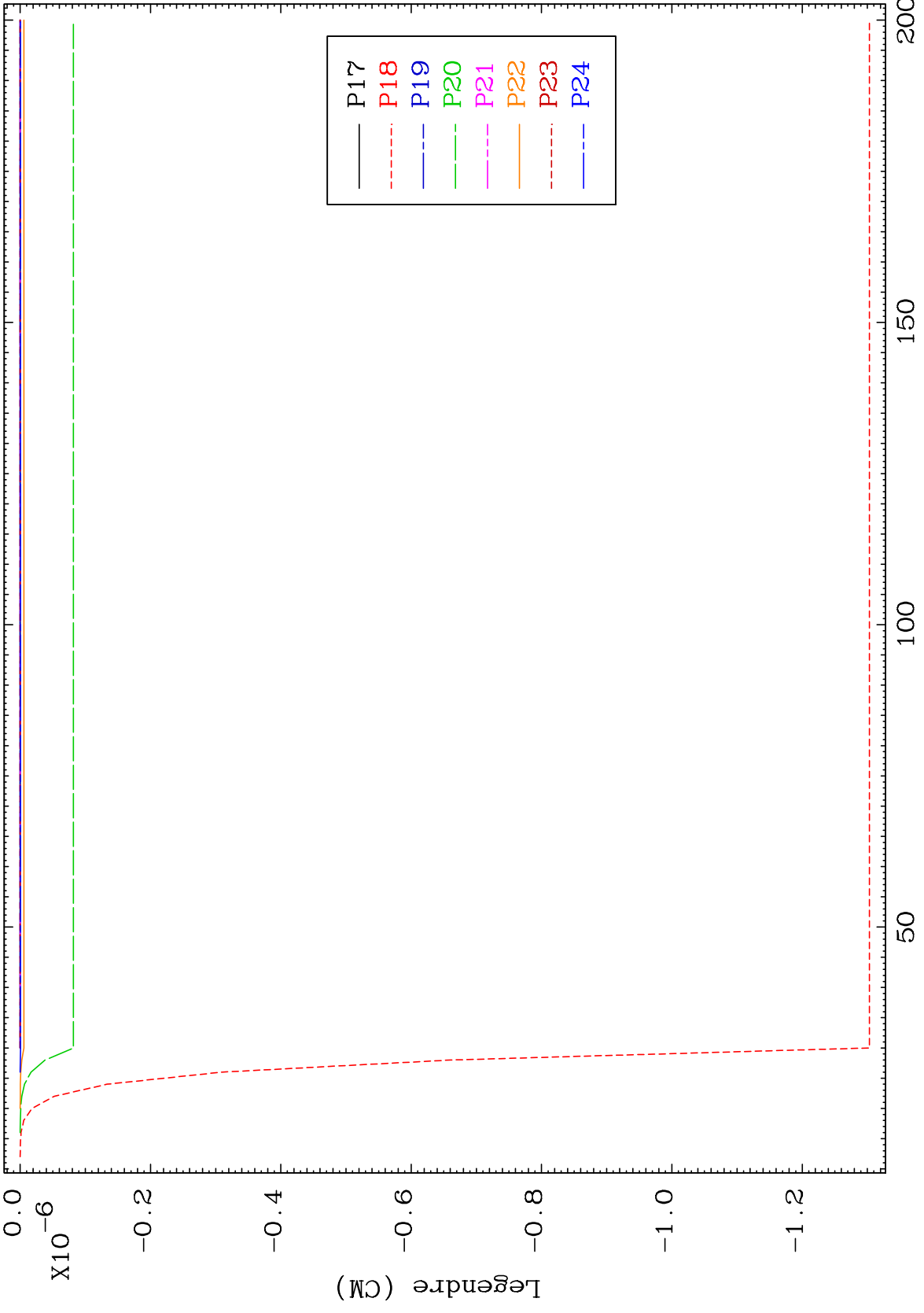


23

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 52 (n,n') Level Legendre Coefficients 34-Se-81

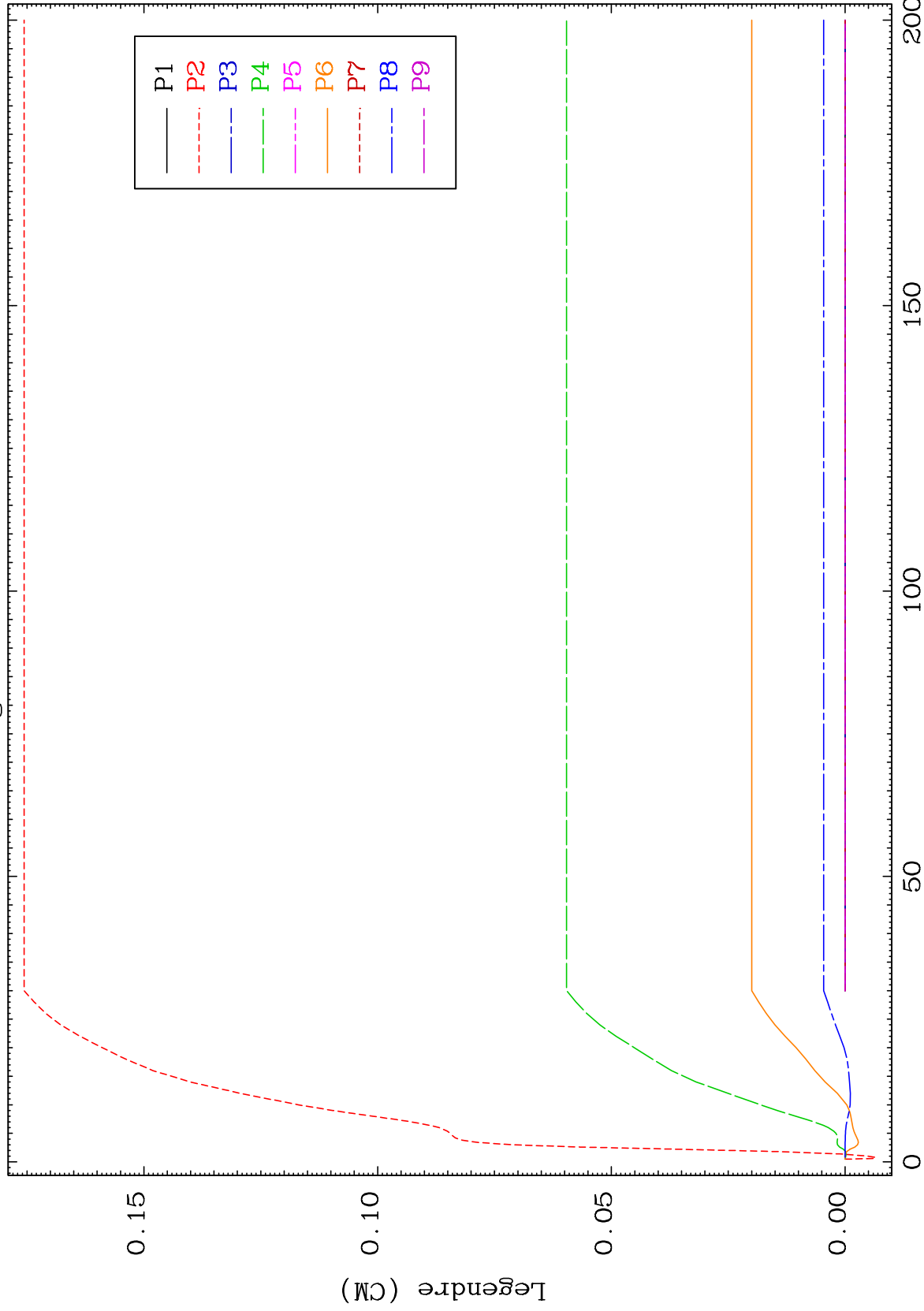


24 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81



25

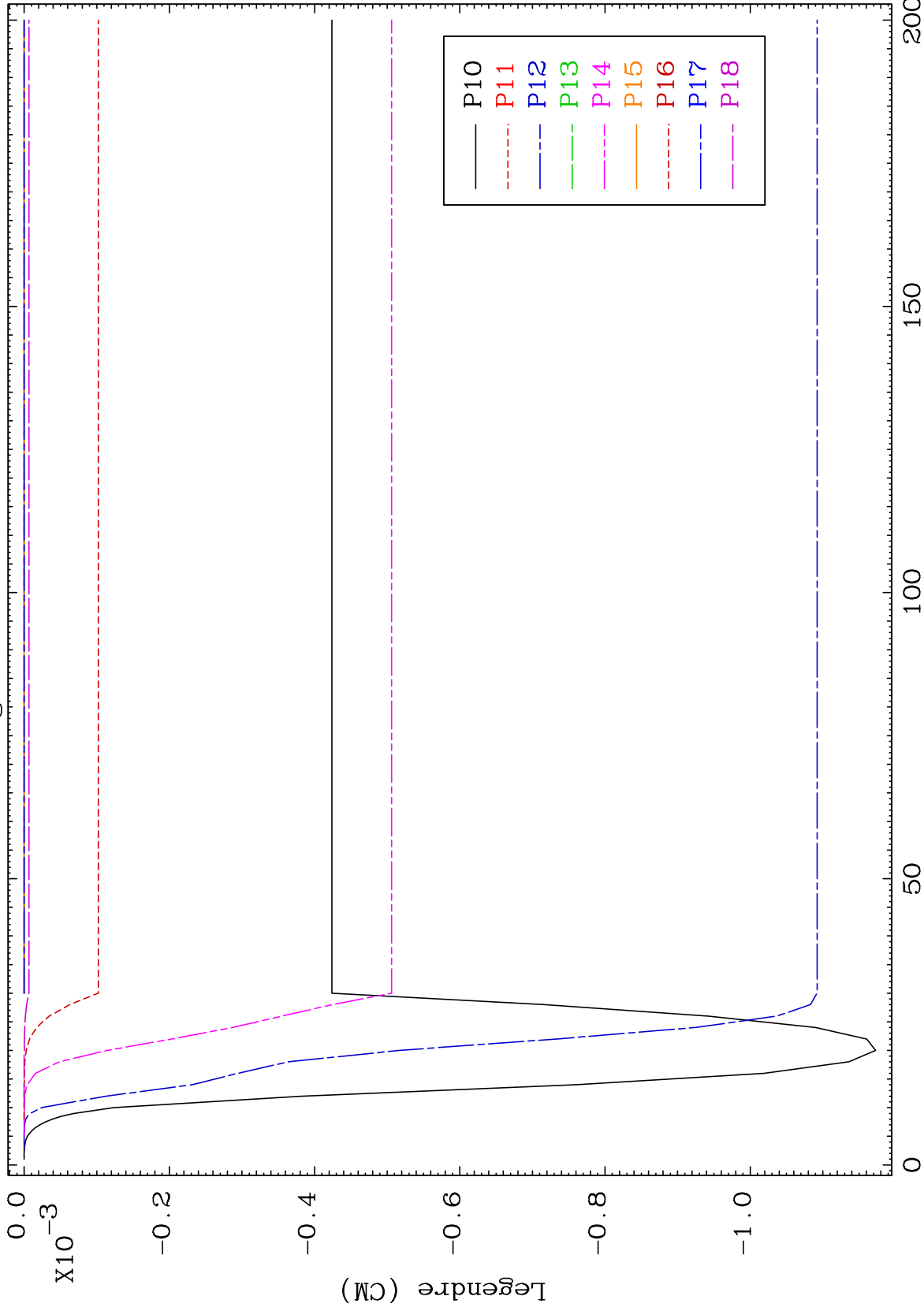
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



26

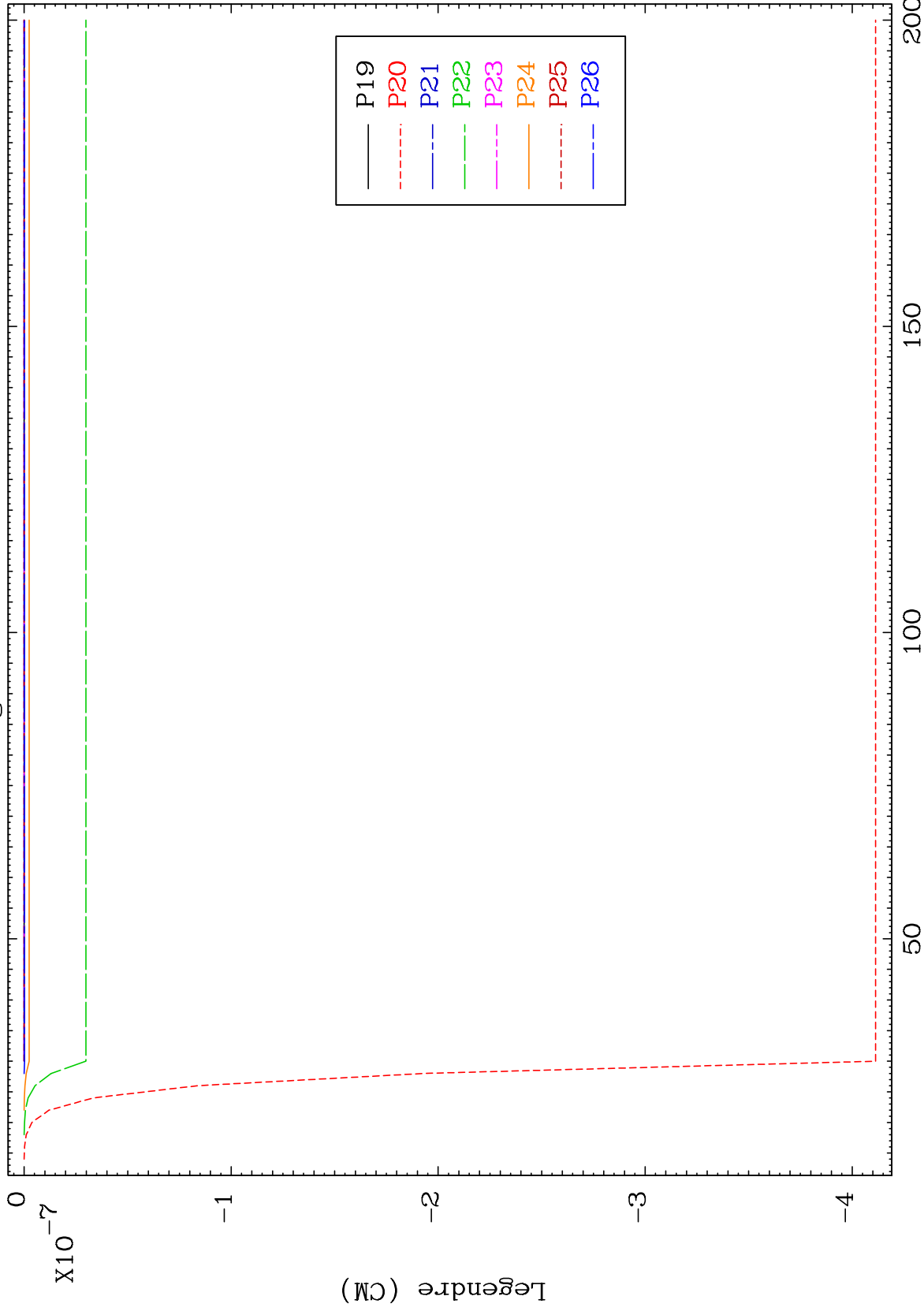
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



27

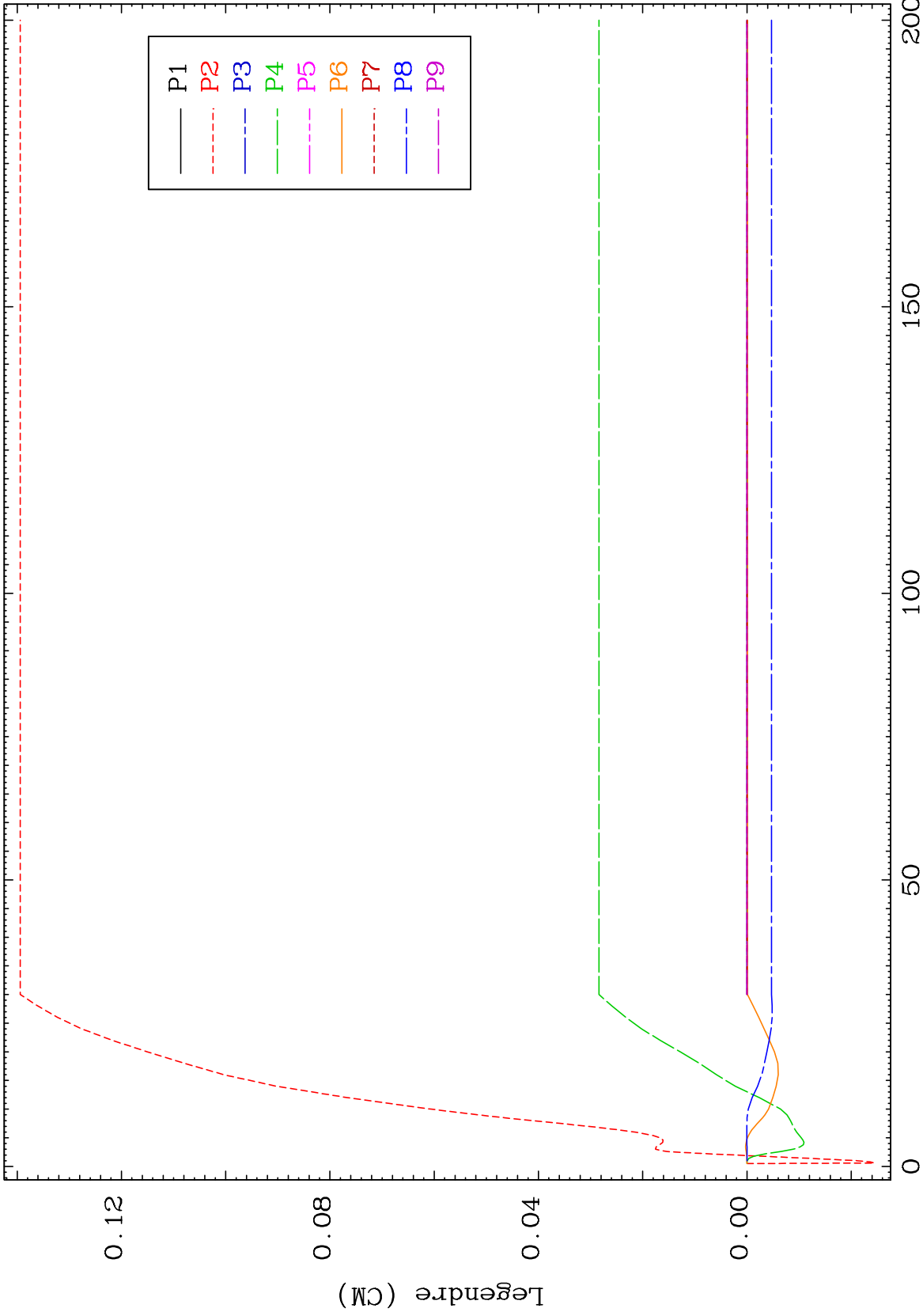
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



28

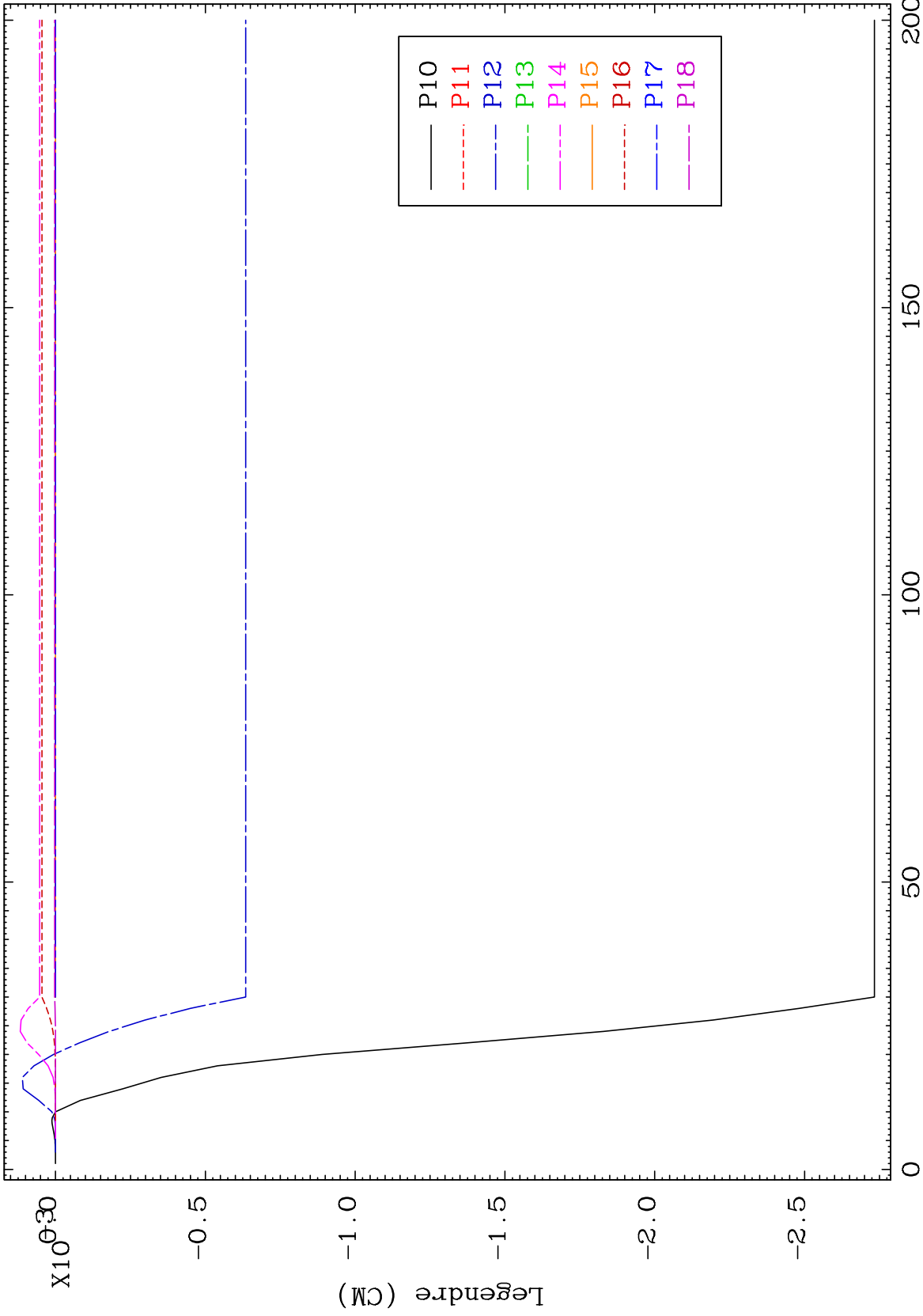
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81

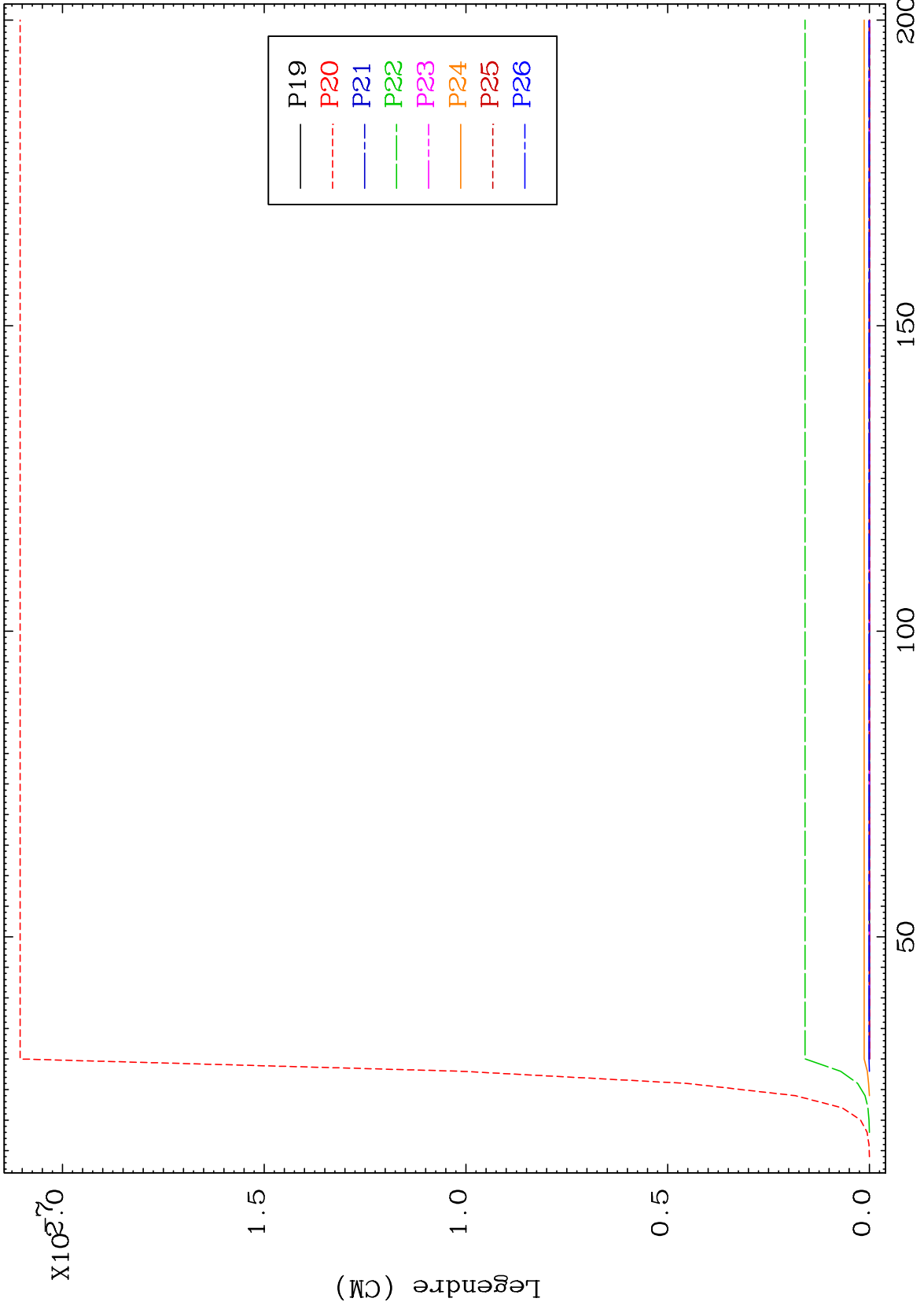


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Incident Energy (MeV)

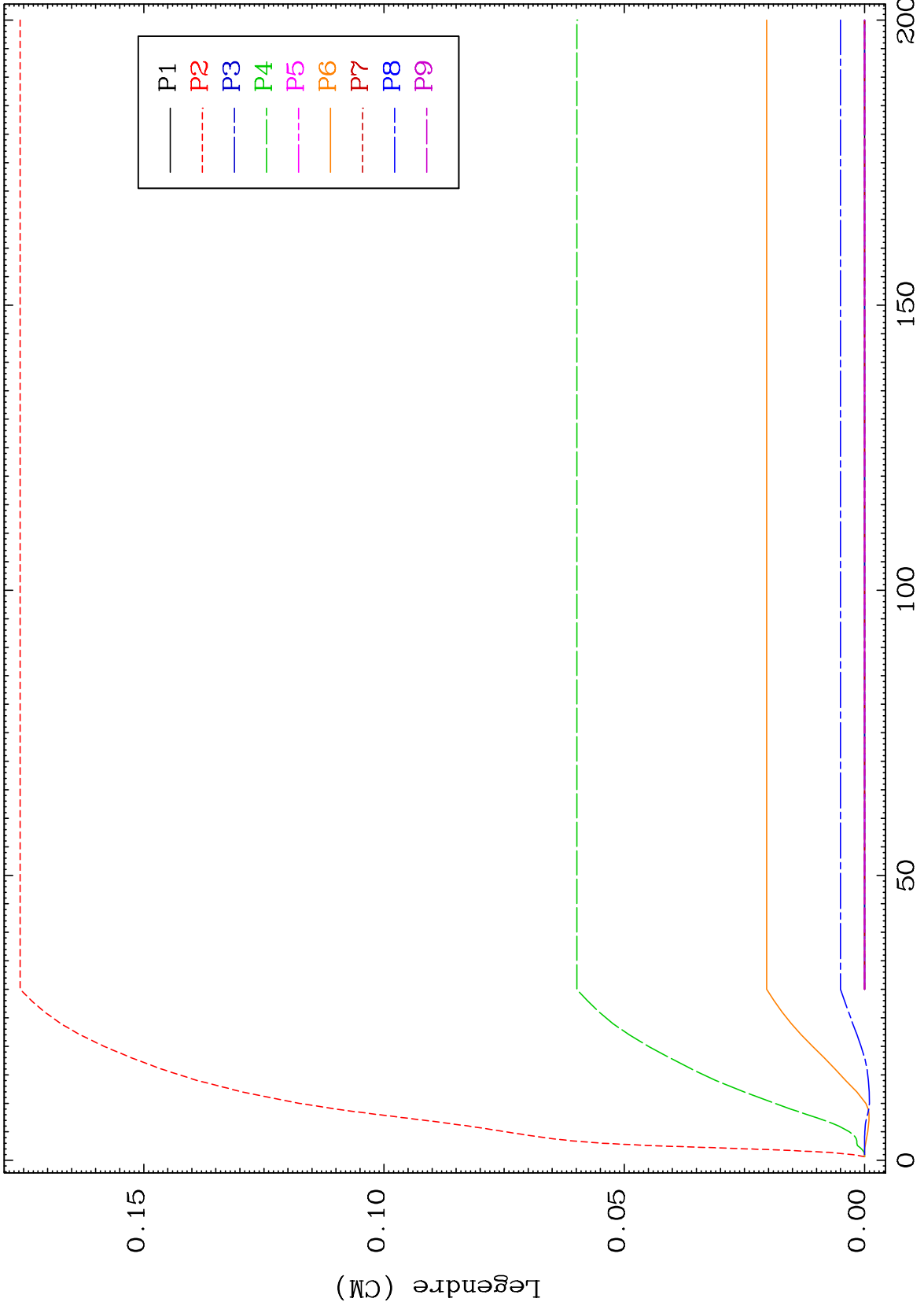
34-Se-81

MAT 3446 MT= 54 (n,n') Level Legendre Coefficients 34-Se-81



34-Se-81

MAT 3446 MT= 55 (n,n') Level Legendre Coefficients 34-Se-81

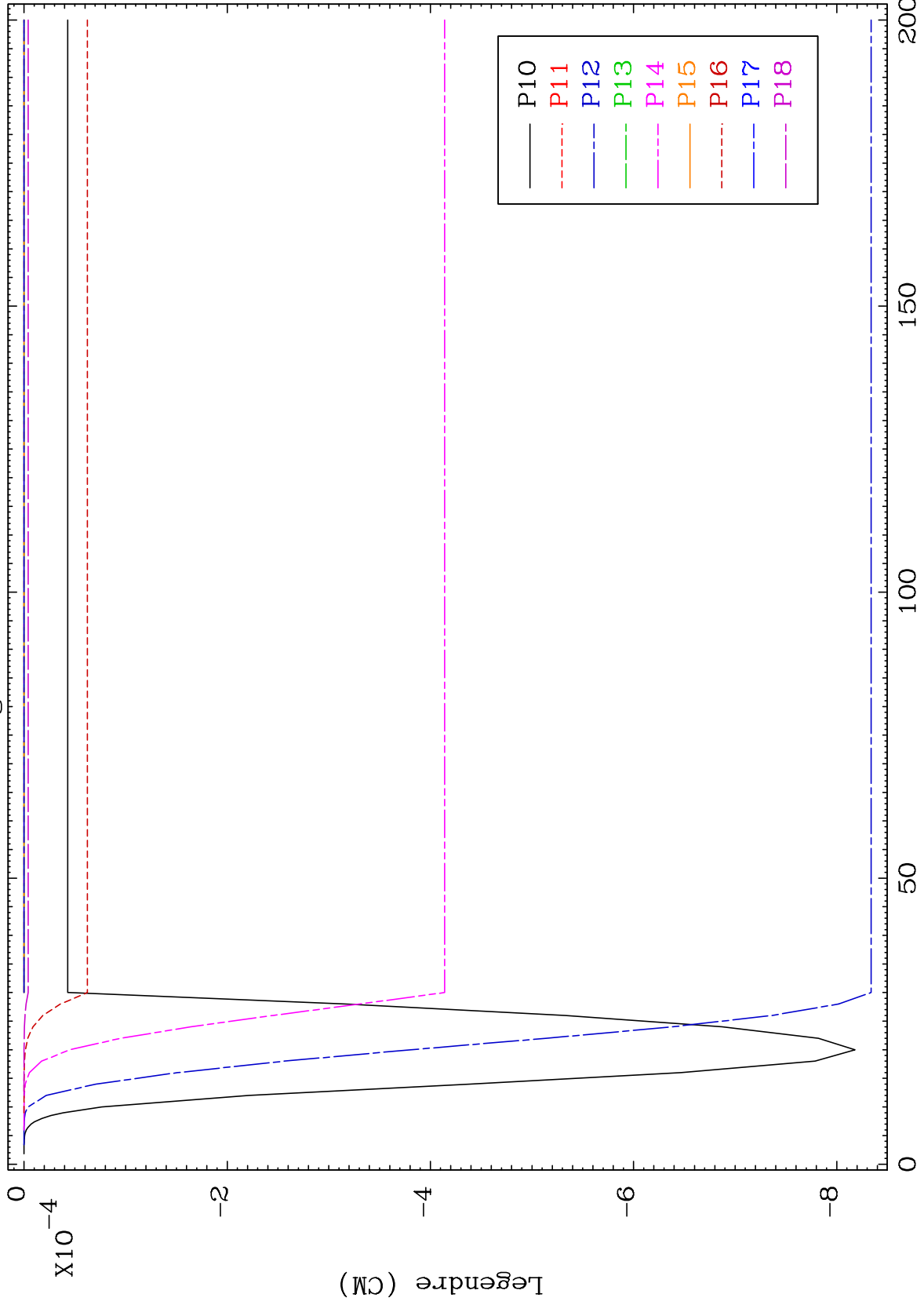


31 34-Se-81

MAT 3446

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

34-Se-81

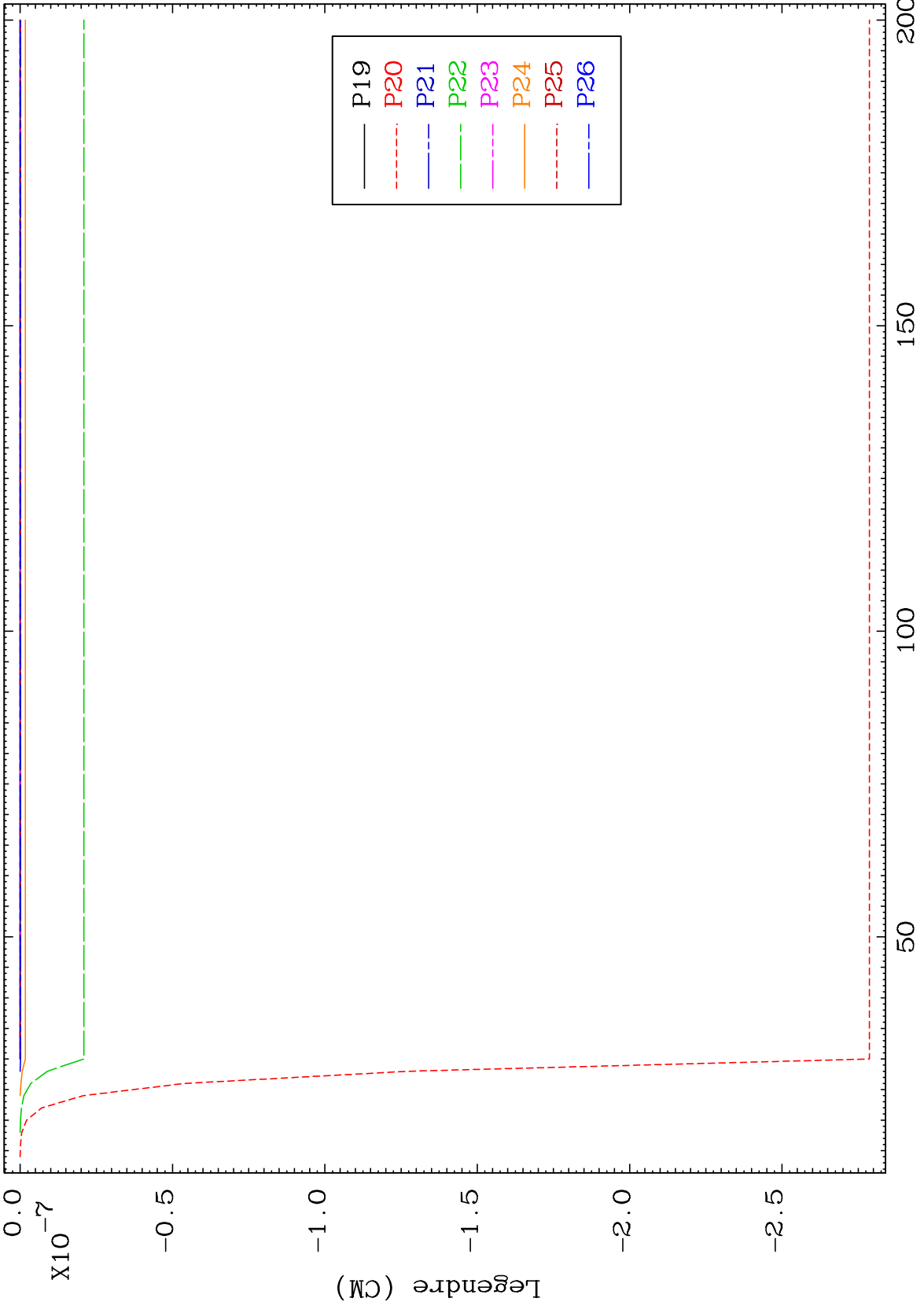


32

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 55 (n,n') Level Legendre Coefficients 34-Se-81

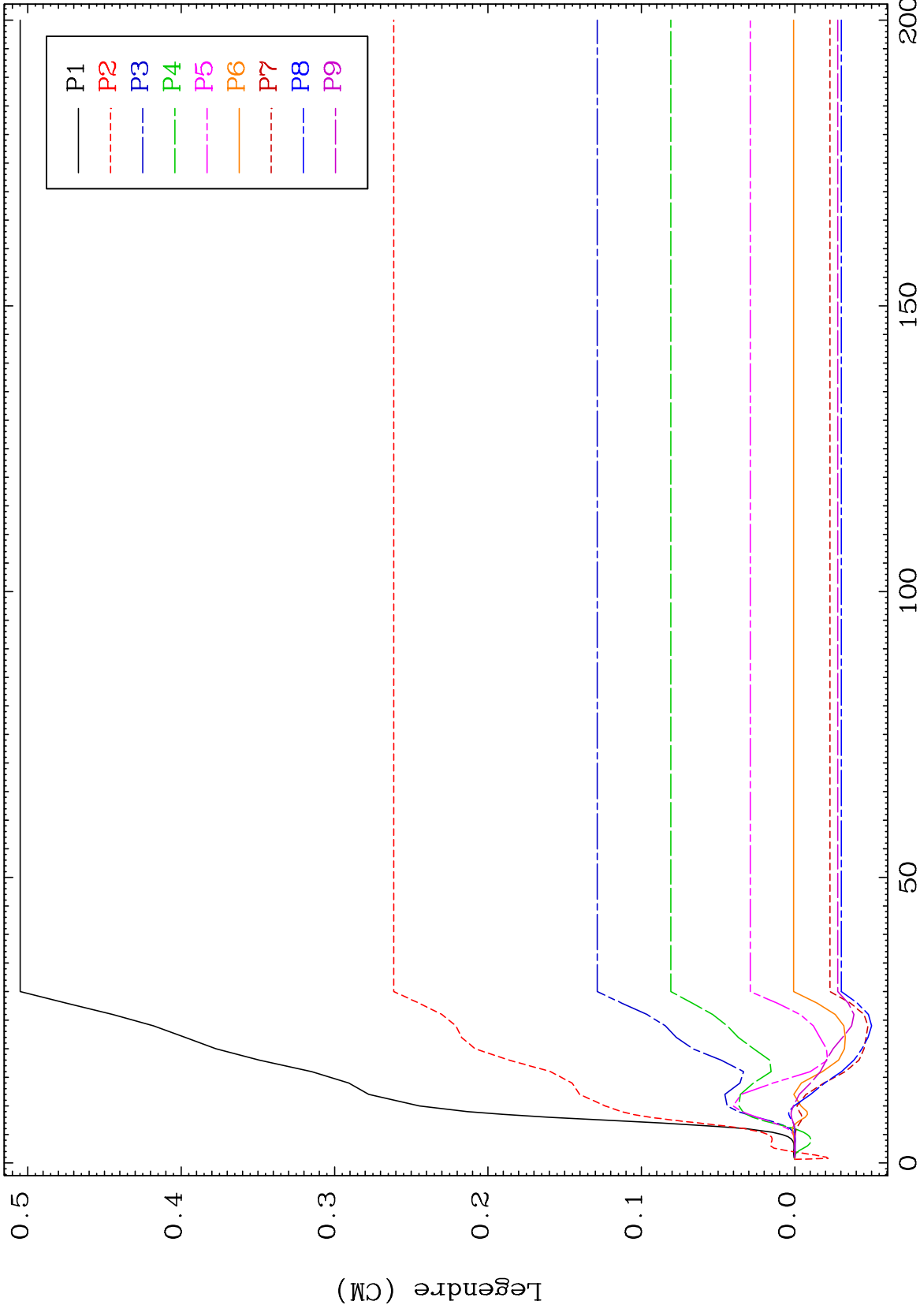


33 34-Se-81

MAT 3446

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

34-Se-81



34

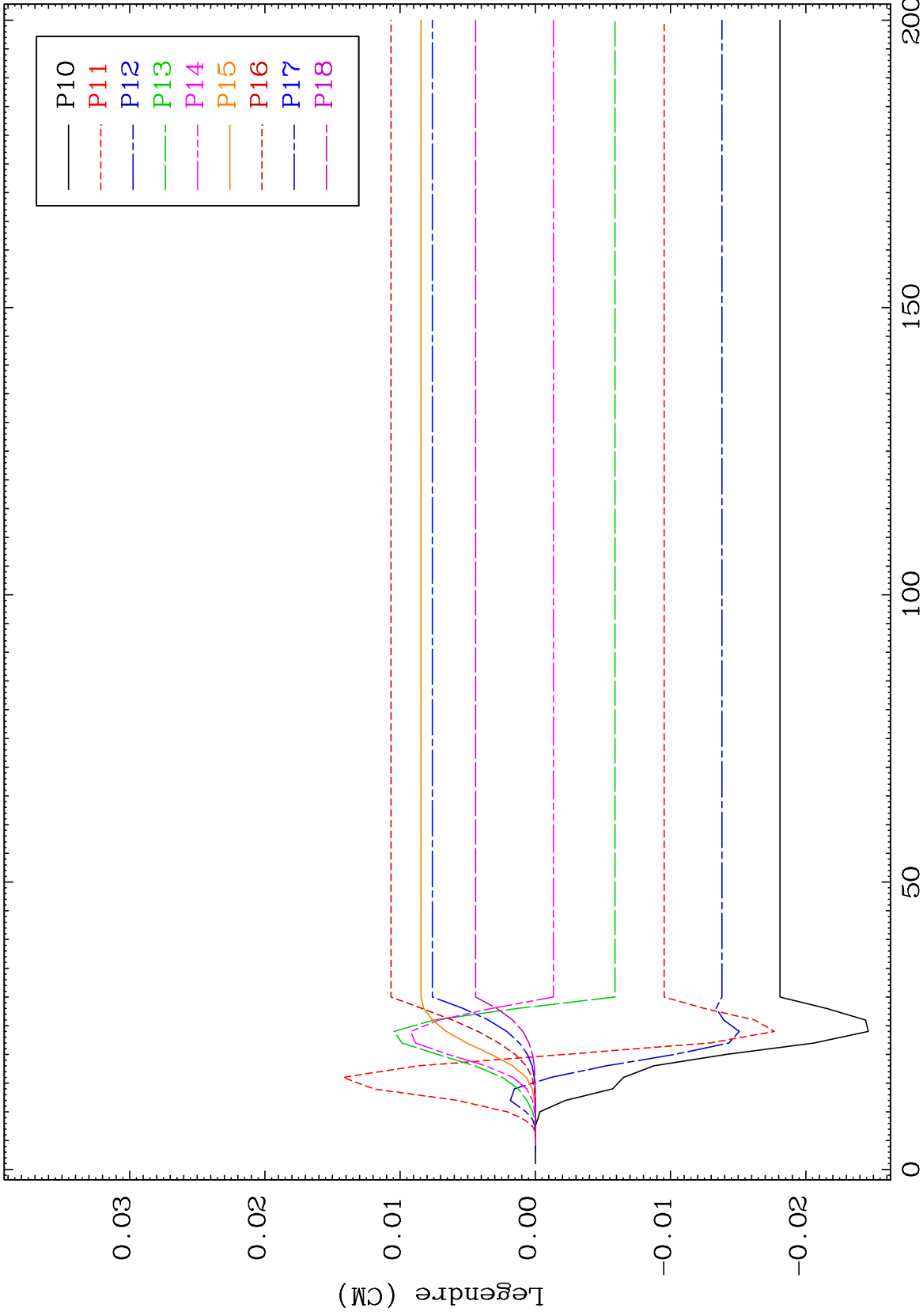
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



35

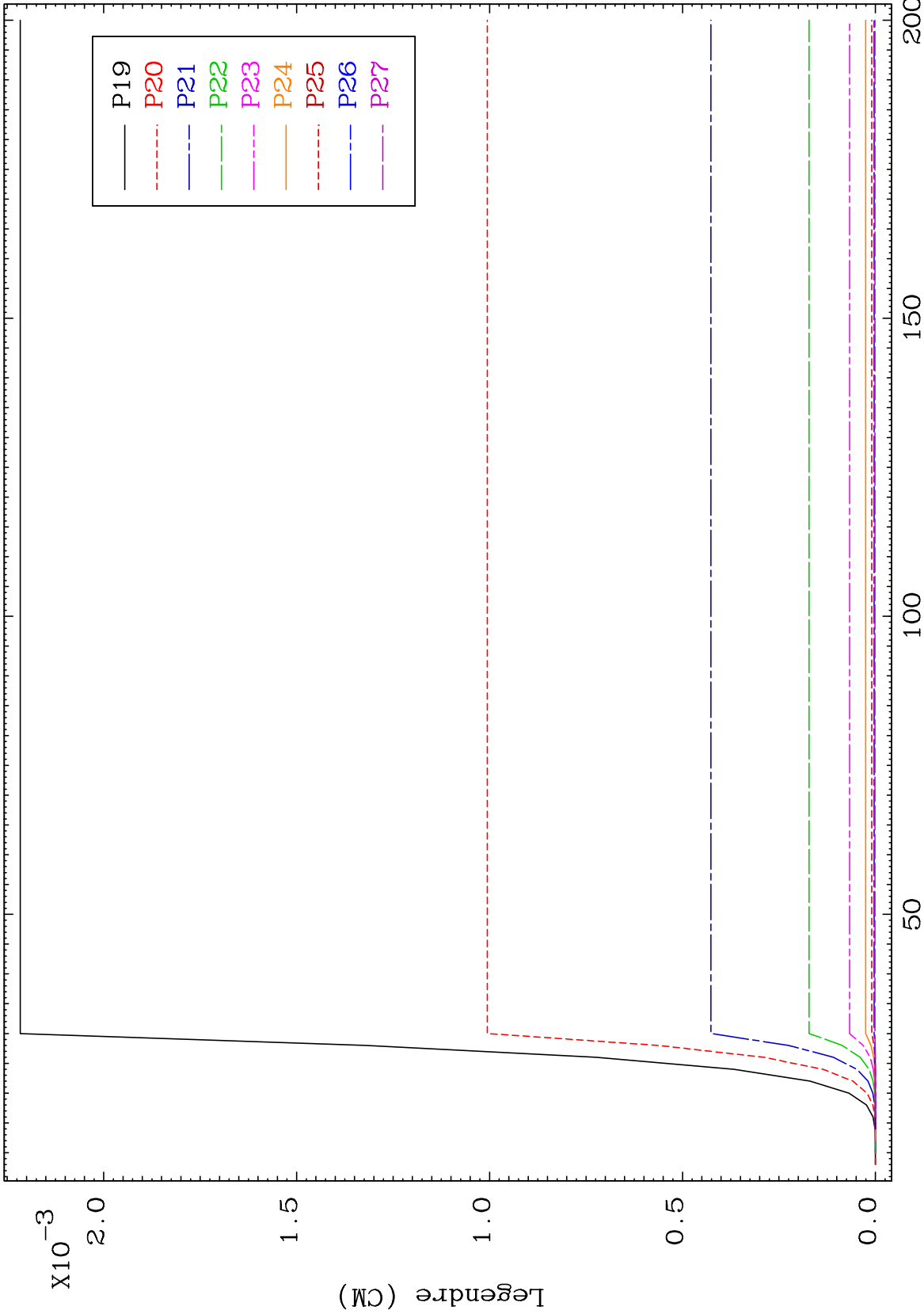
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



36

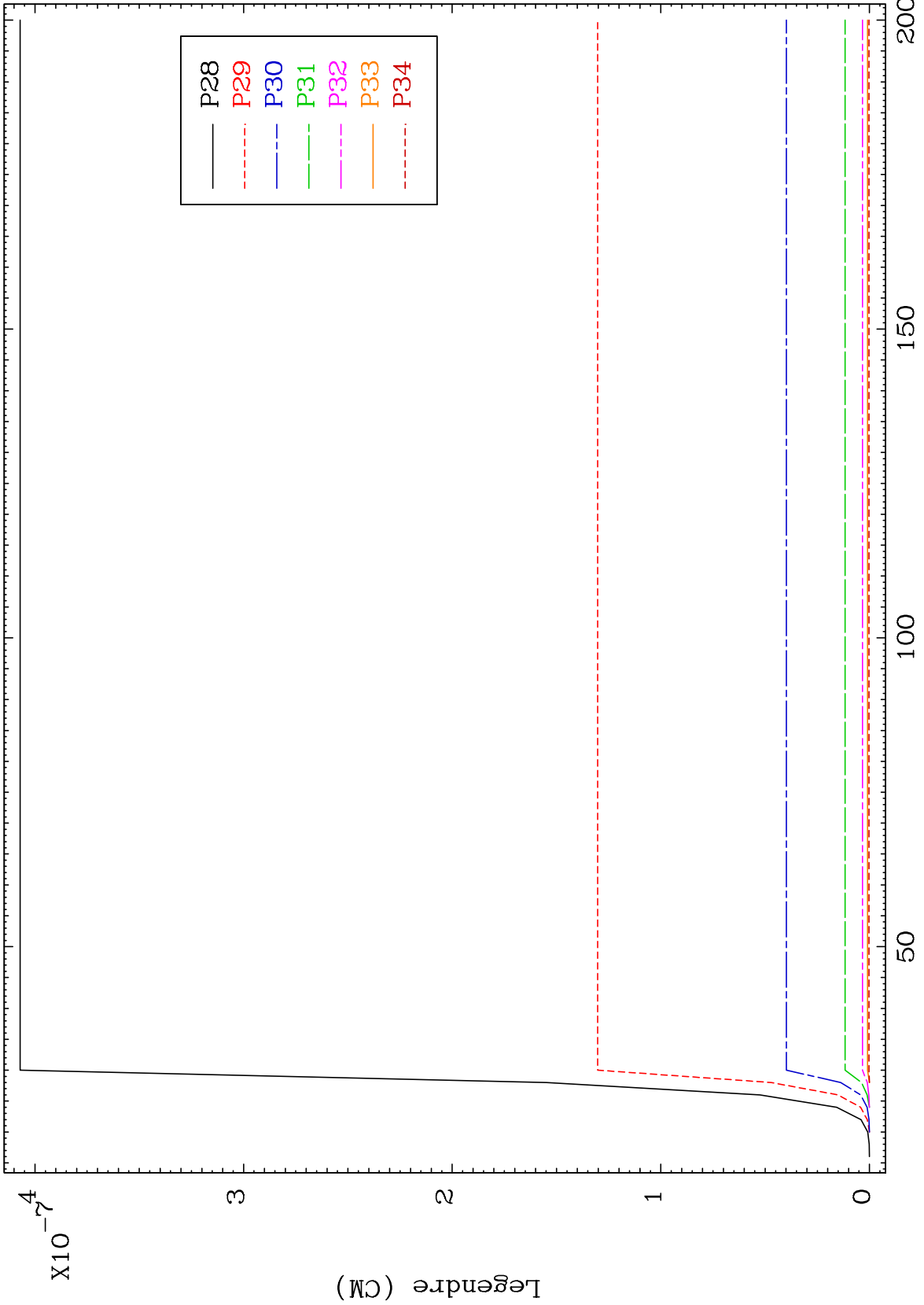
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81

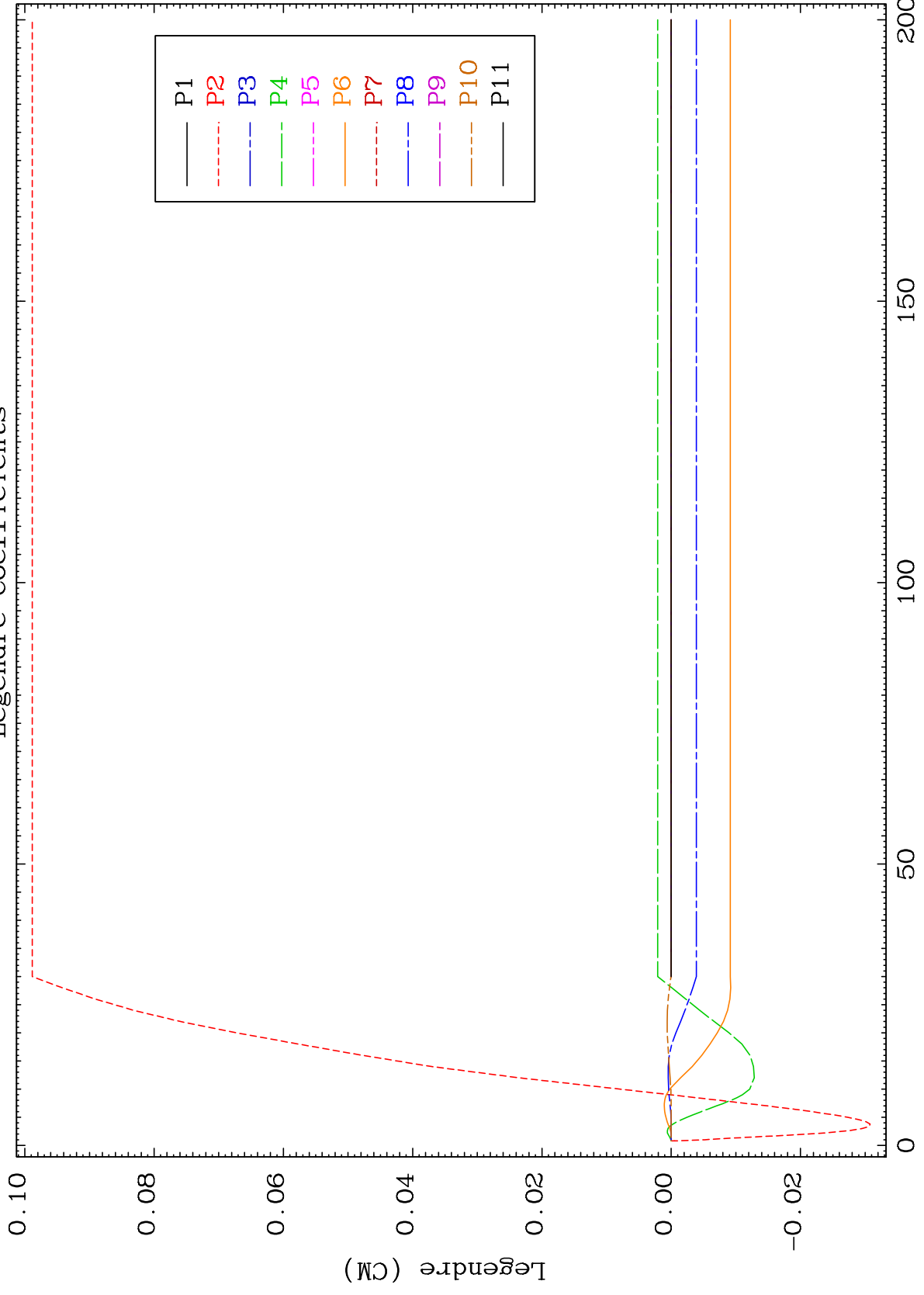


37

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 57 (n,n') Level Legendre Coefficients 34-Se-81

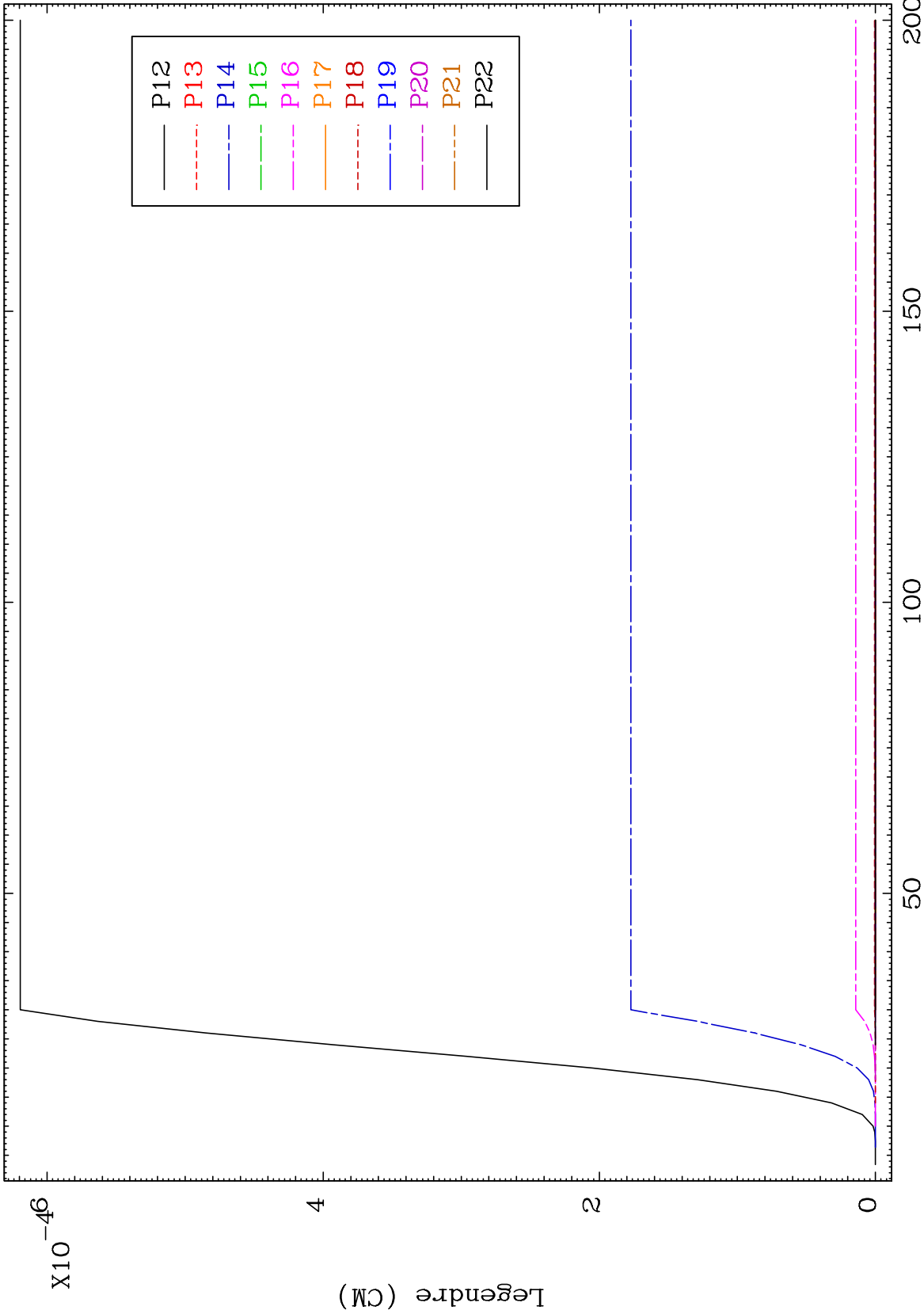


38 34-Se-81

MAT 3446

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

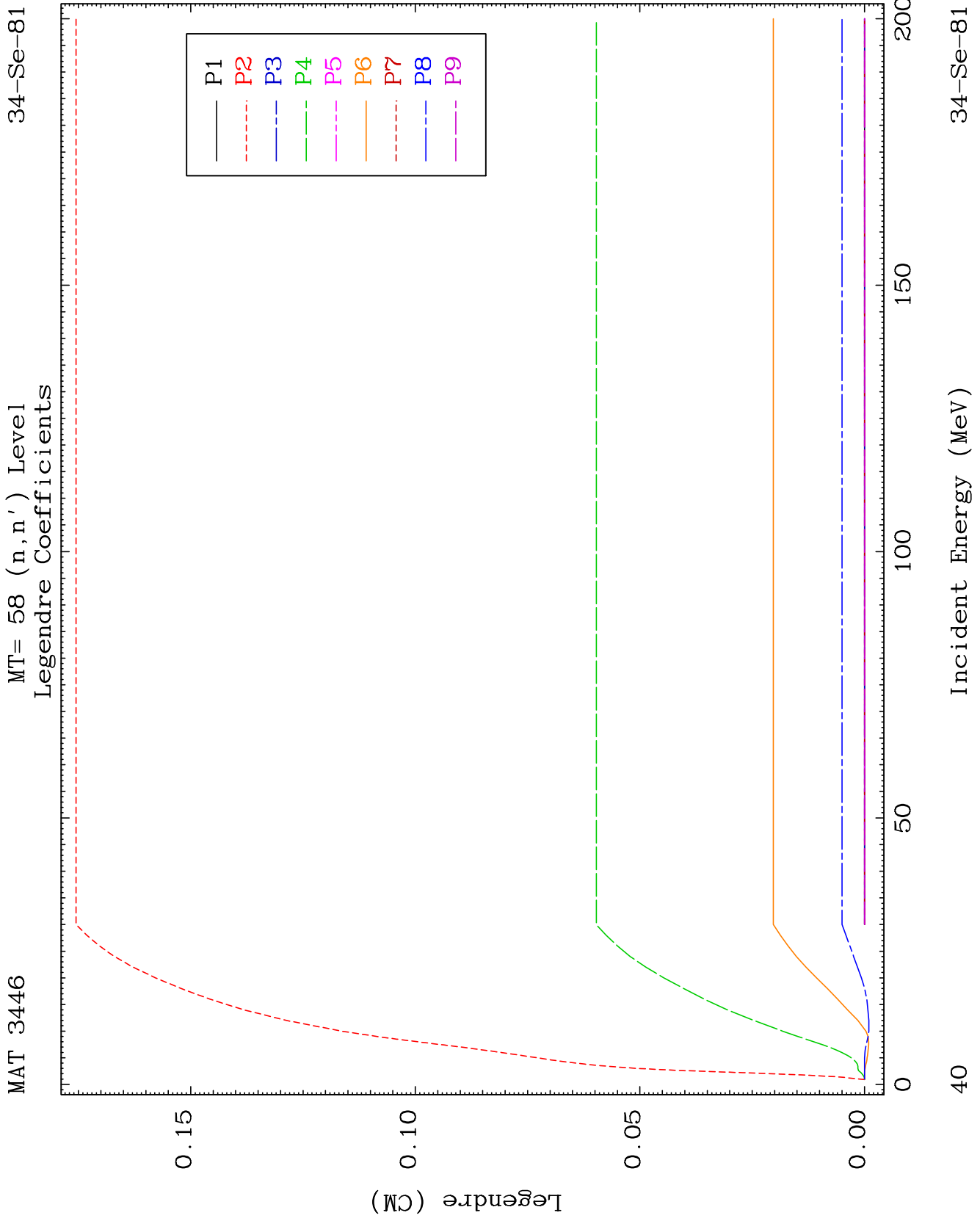
34-Se-81



39

Incident Energy (MeV)

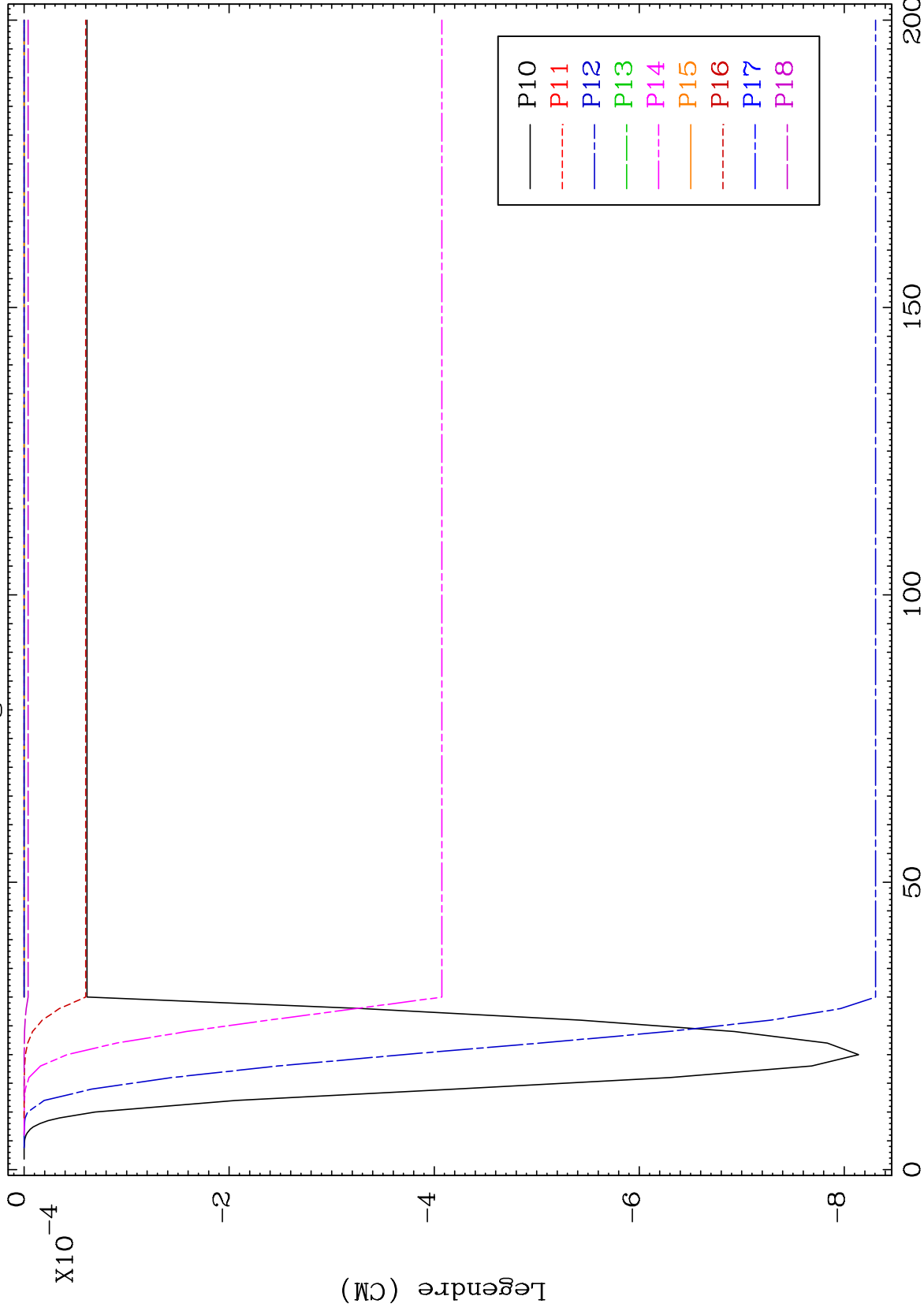
34-Se-81



MAT 3446

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

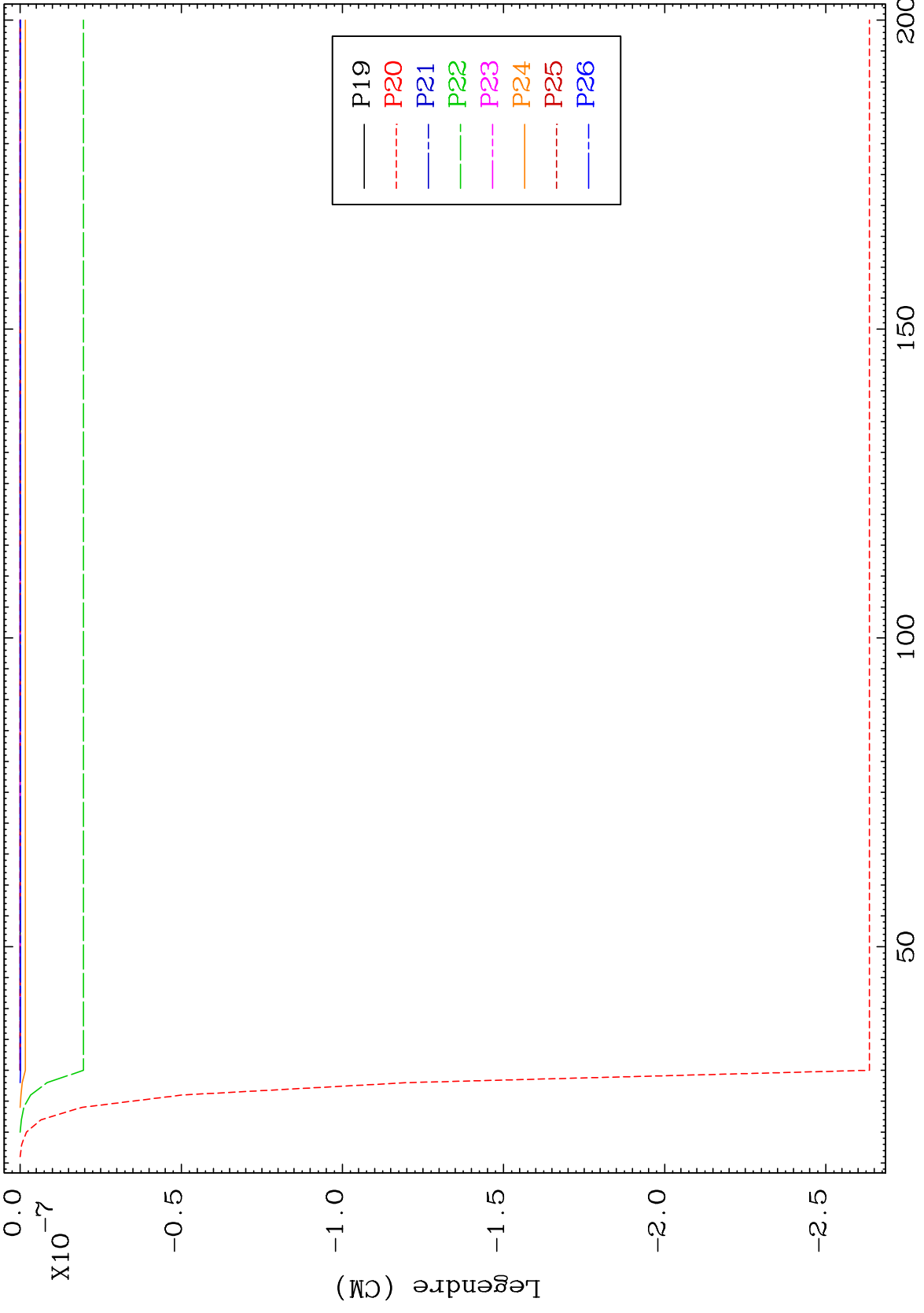
34-Se-81



41

34-Se-81

MAT 3446 MT= 58 (n,n') Level Legendre Coefficients 34-Se-81

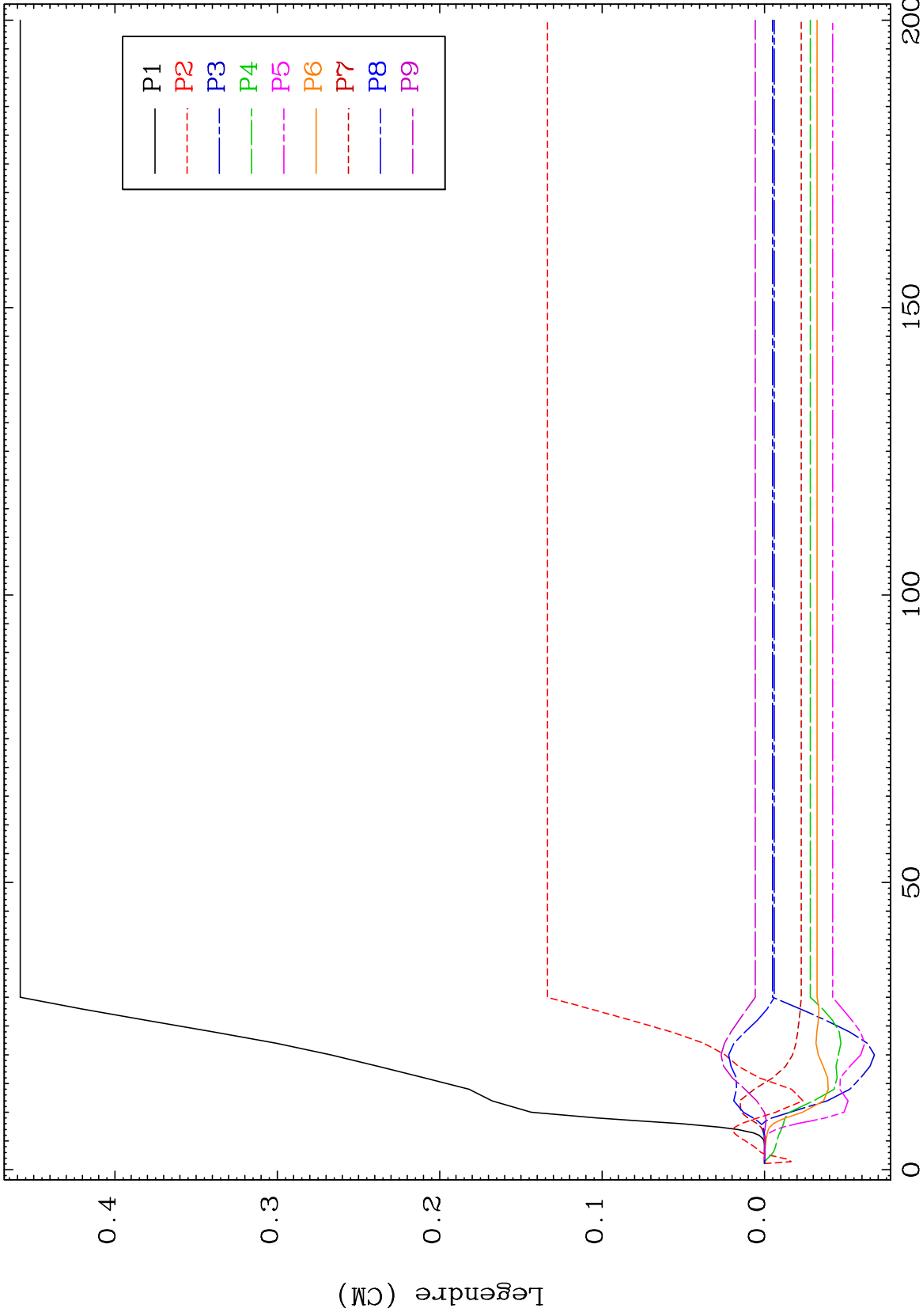


42 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81

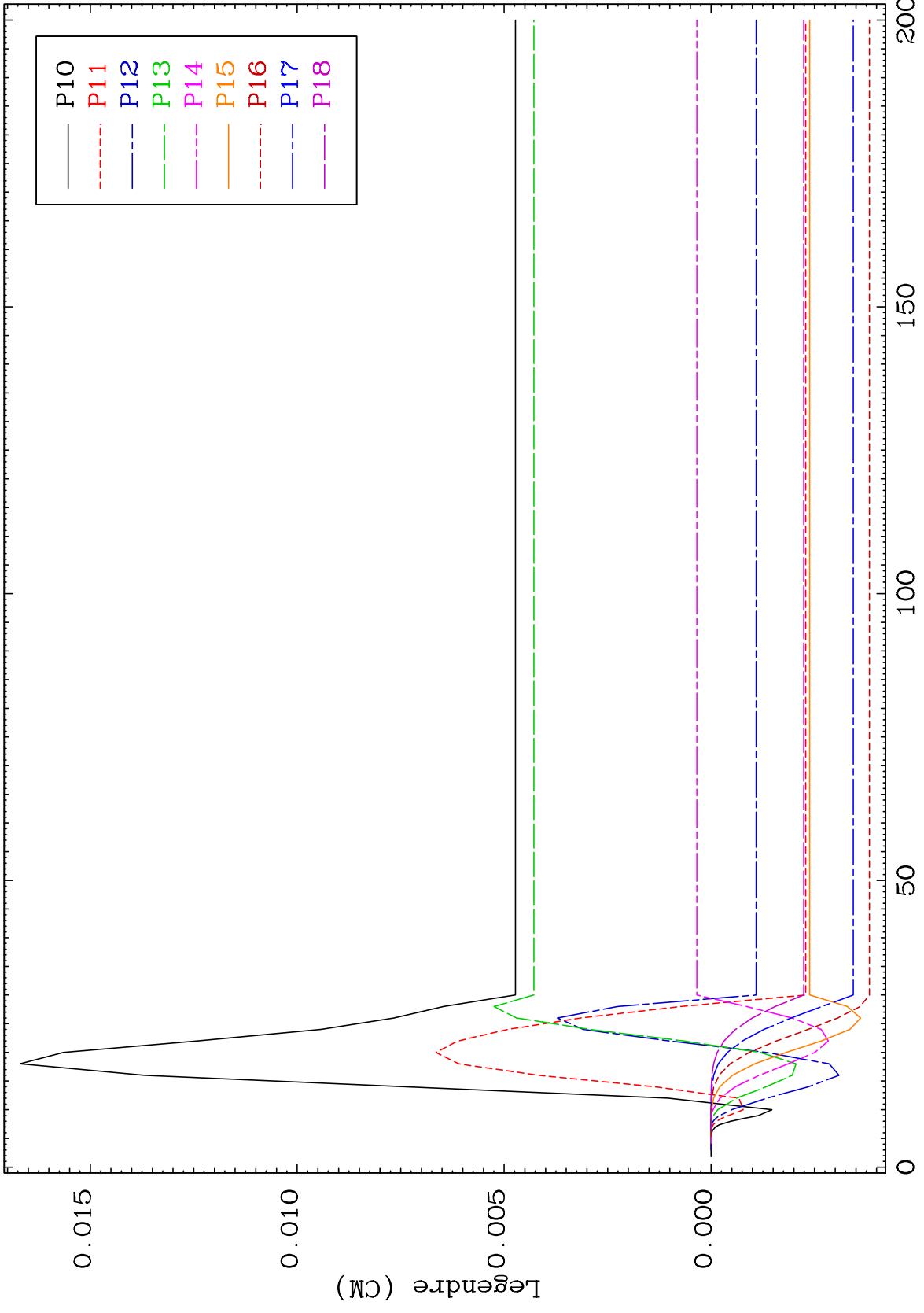


43

Incident Energy (MeV)

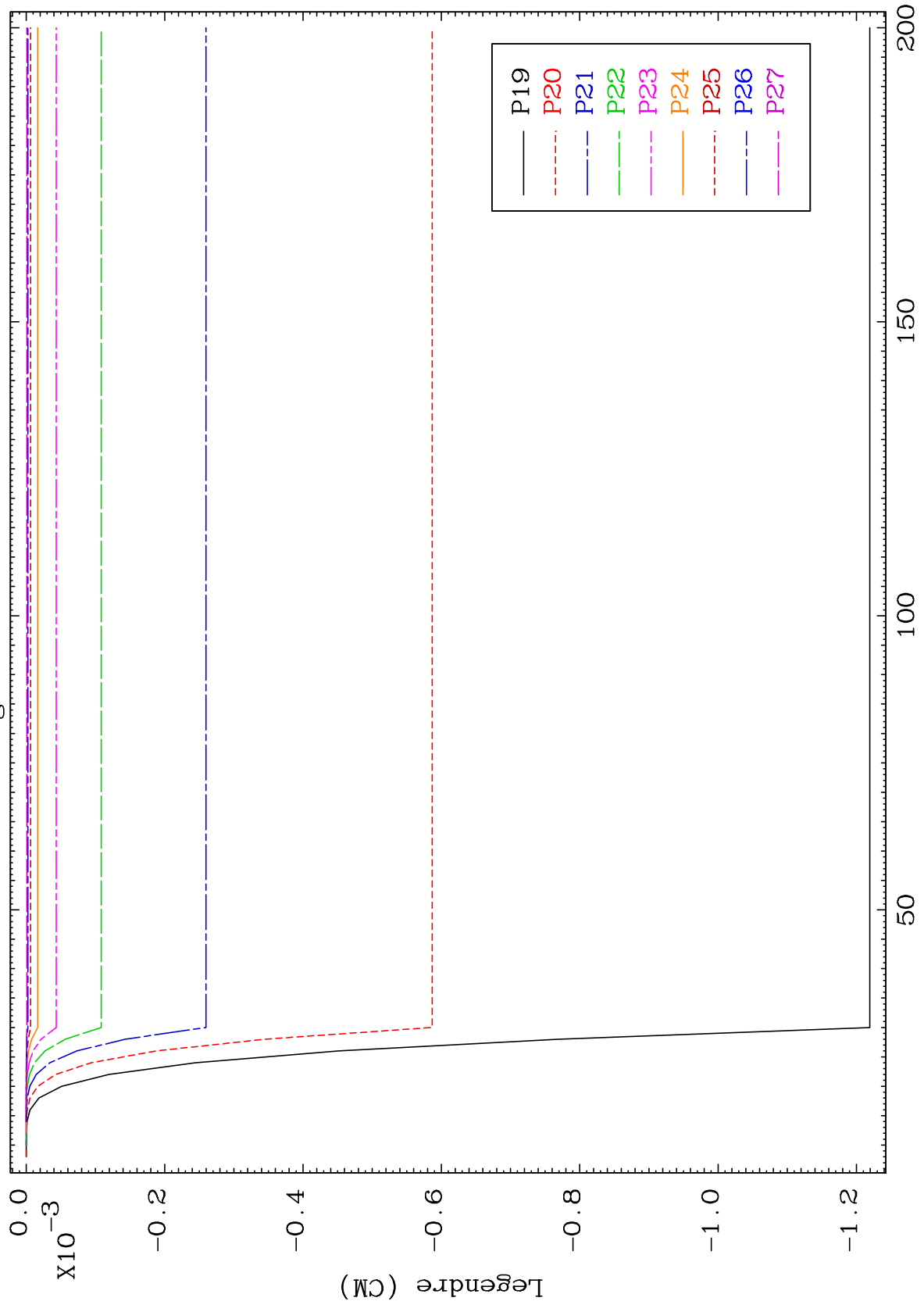
34-Se-81

MAT 3446 MT= 59 (n,n') Level Legendre Coefficients 34-Se-81



44 34-Se-81

MAT 3446 MT= 59 (n,n') Level Legendre Coefficients 34-Se-81

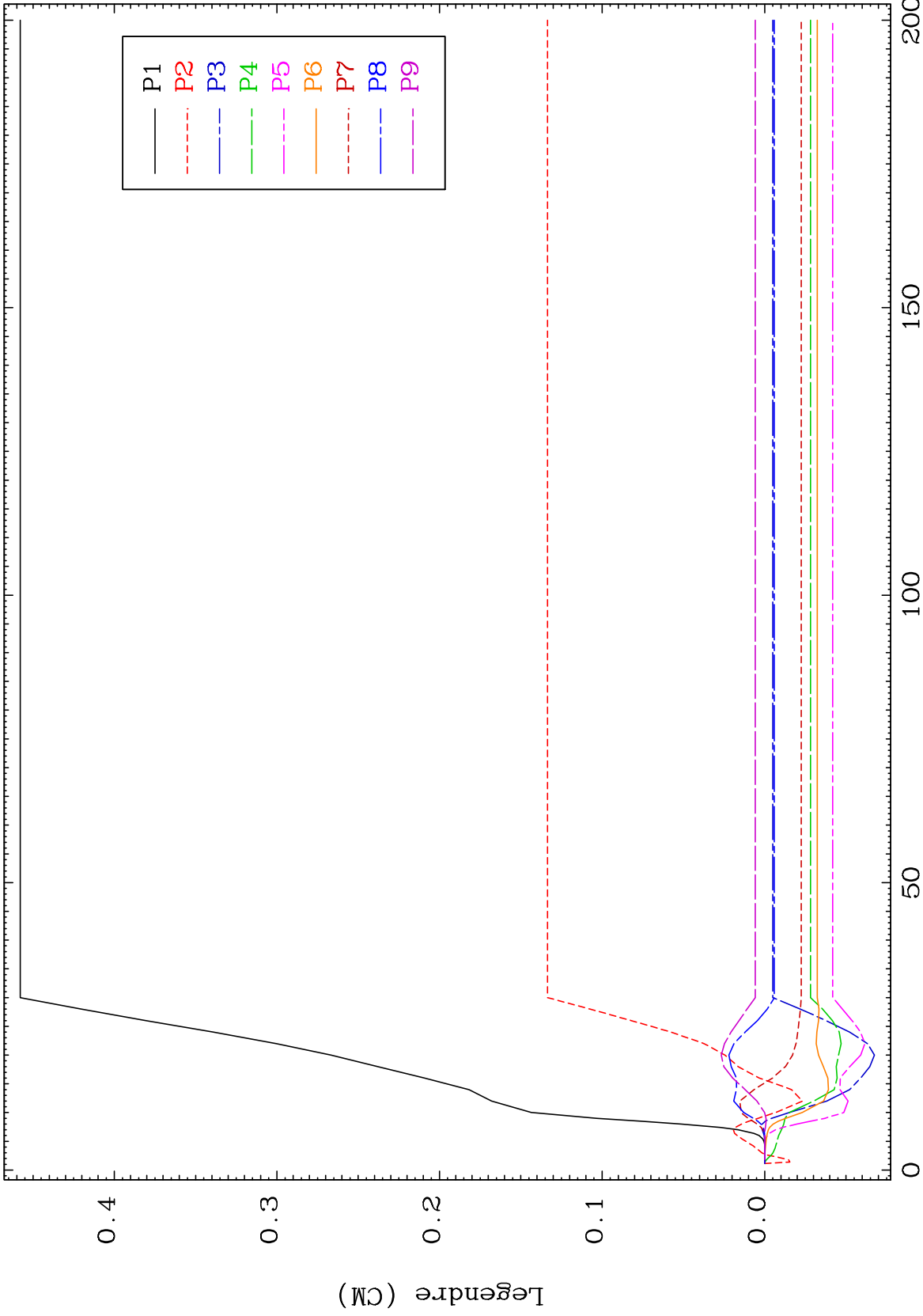


45 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81



47

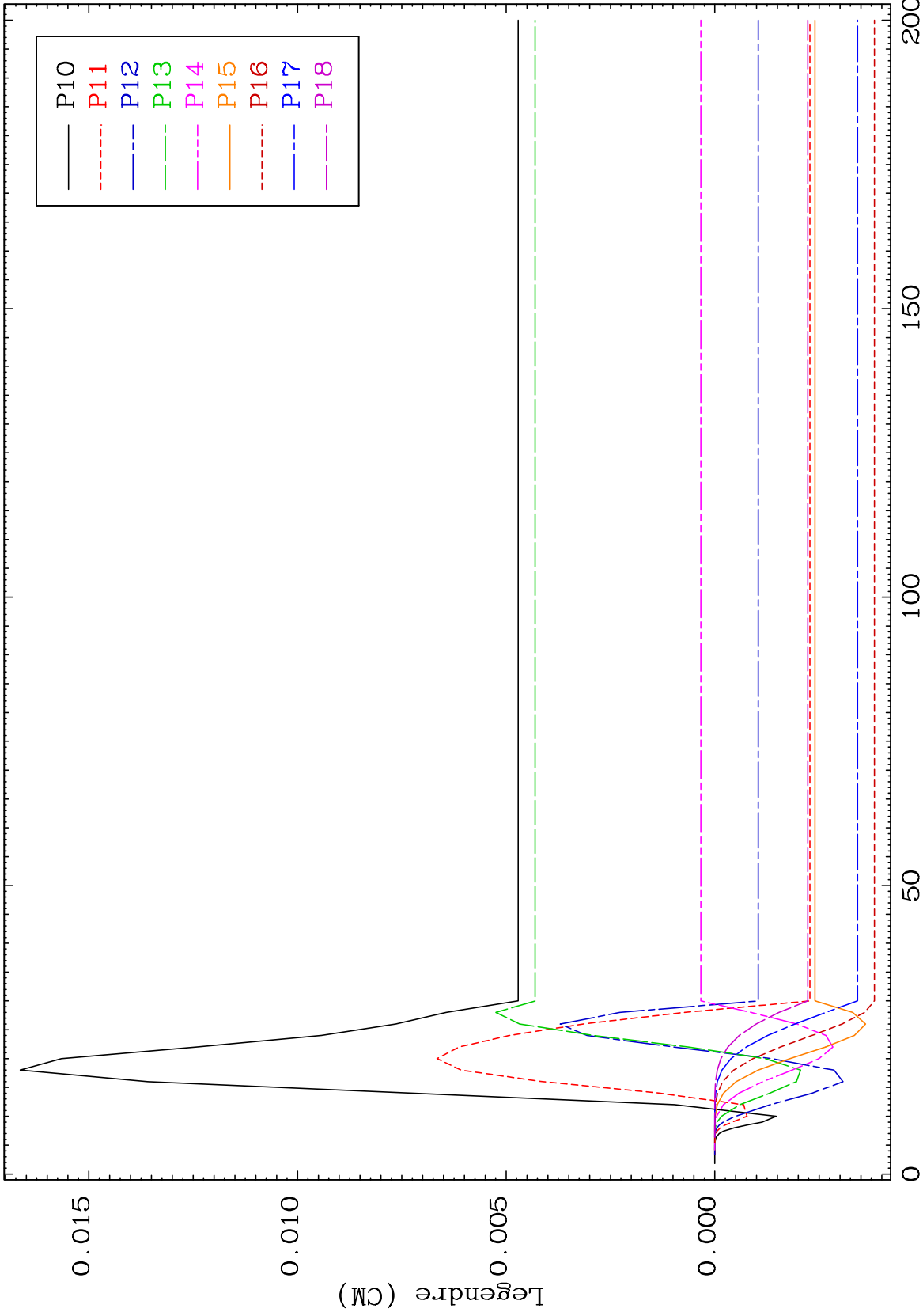
Incident Energy (MeV)

34-Se-81

MAT 3446

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

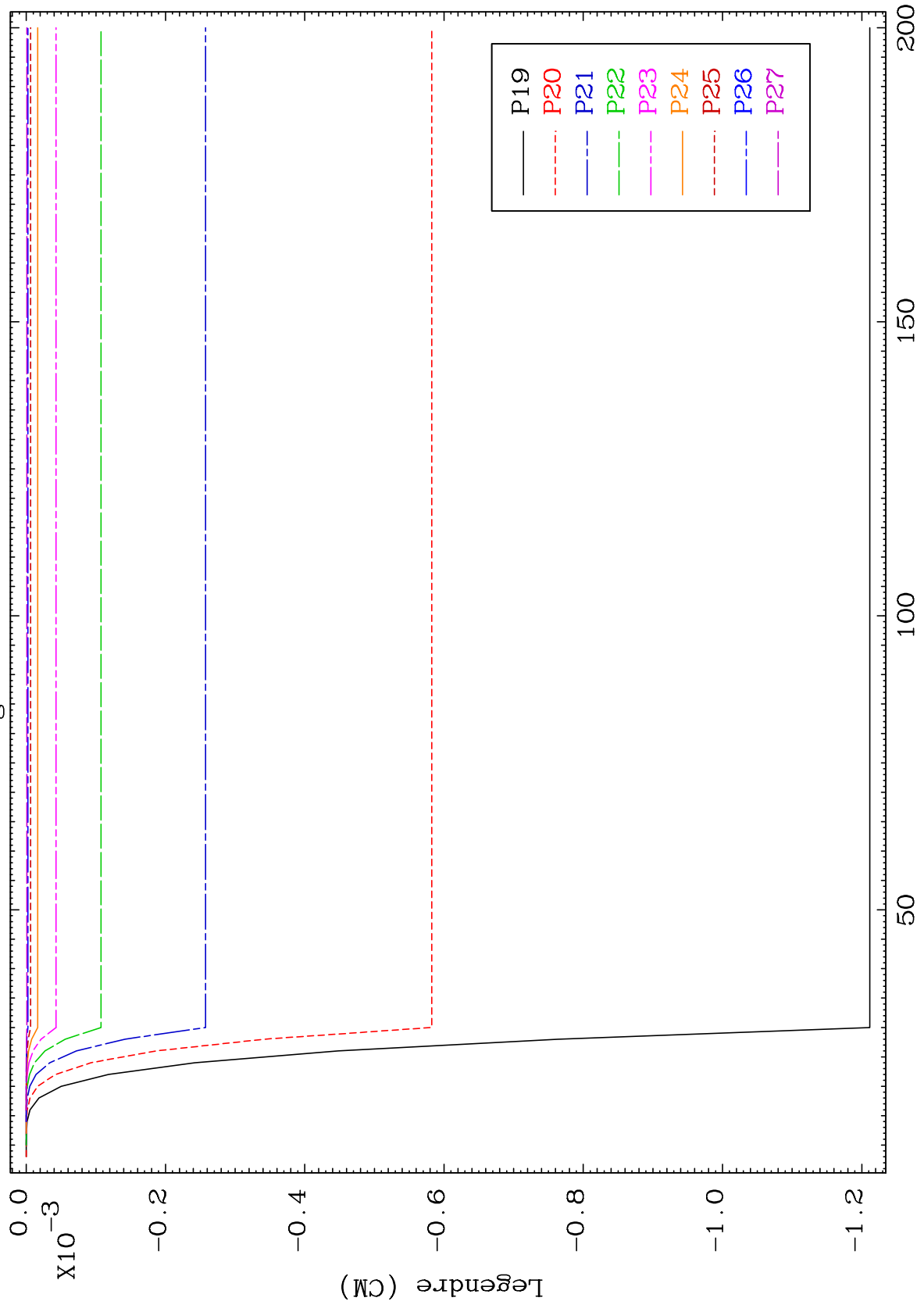
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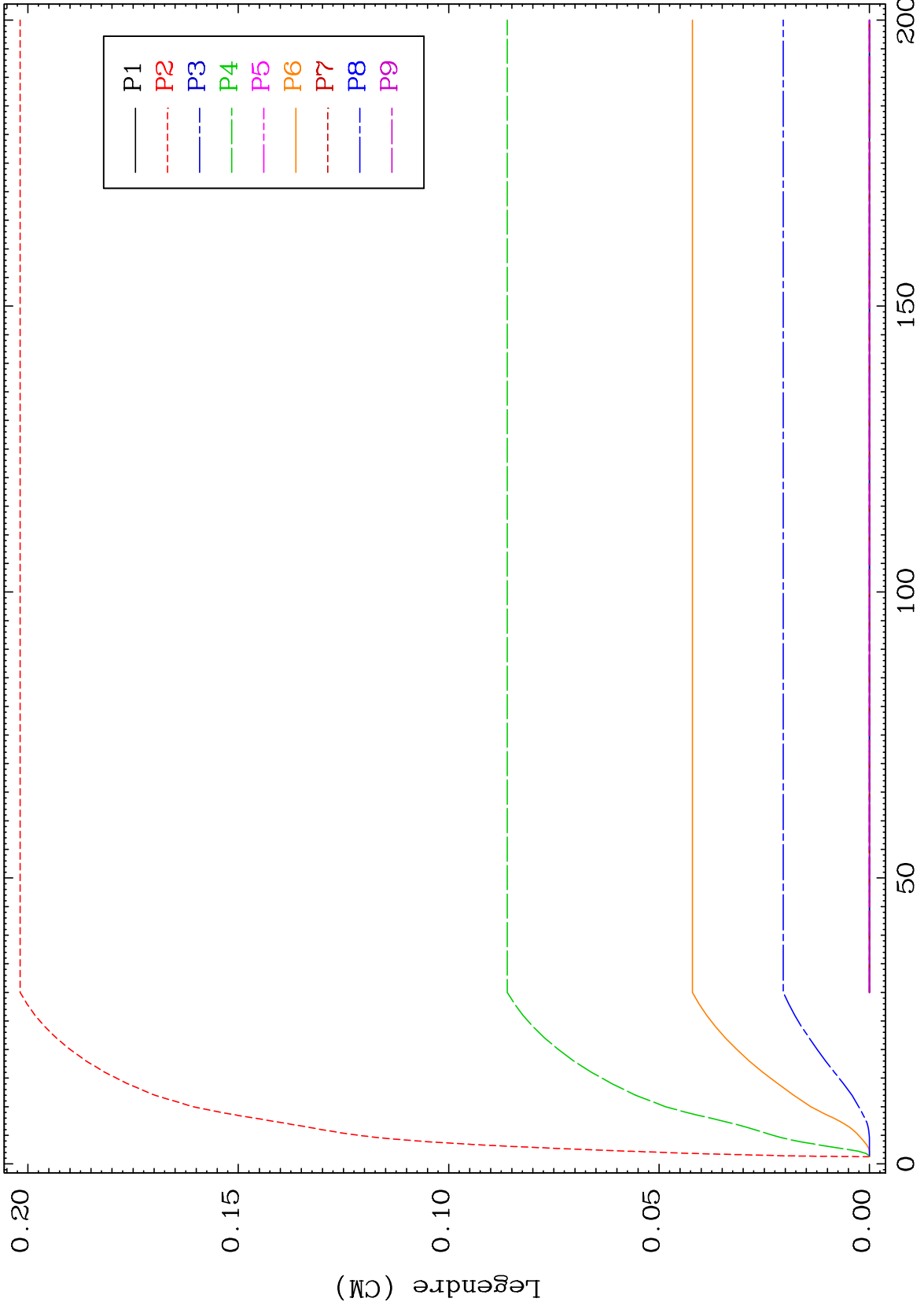
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Incident Energy (MeV)

34-Se-81



MAT 3446 MT= 61 (n,n') Level Legendre Coefficients 34-Se-81

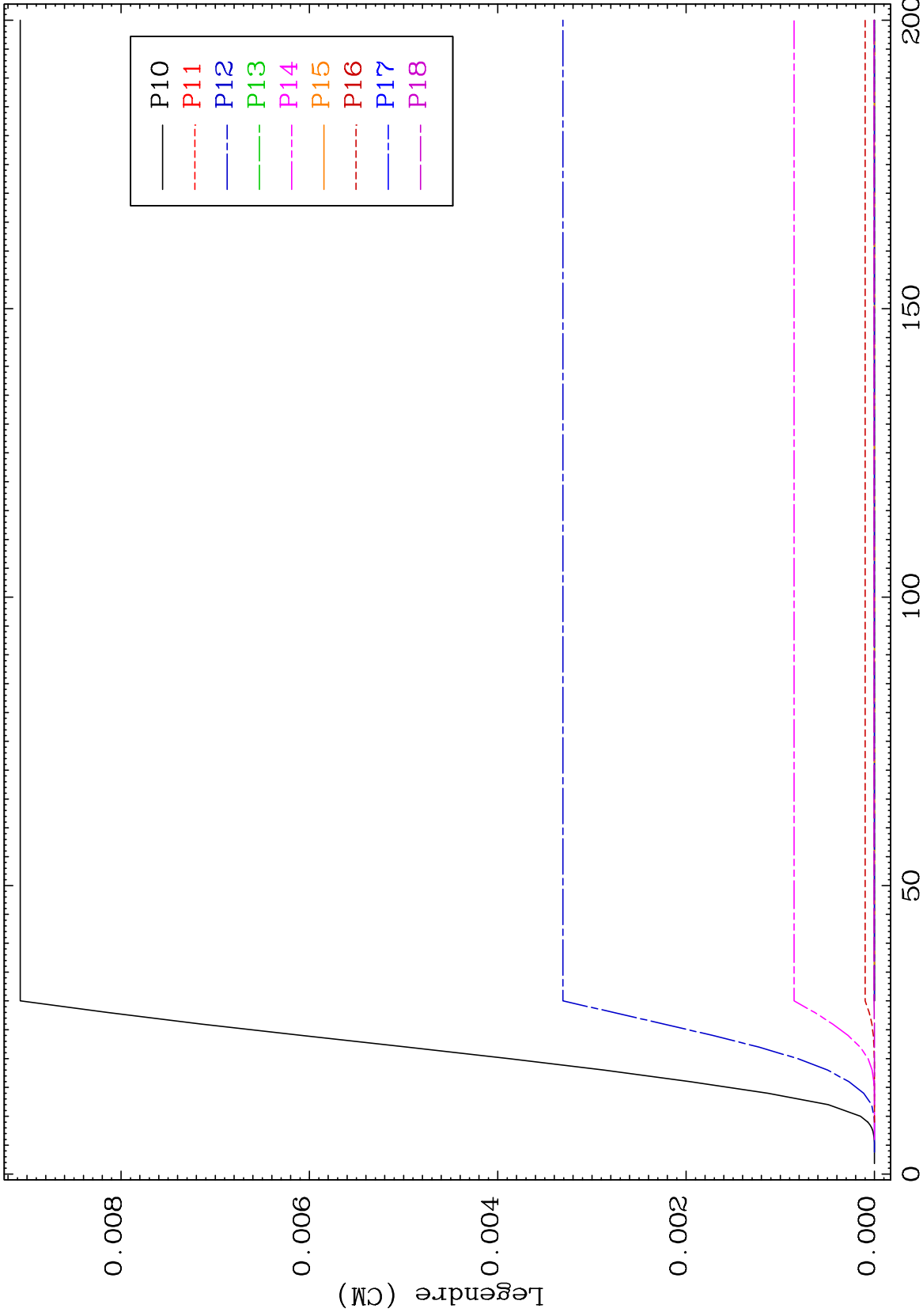


51 34-Se-81

MAT 3446

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

34-Se-81

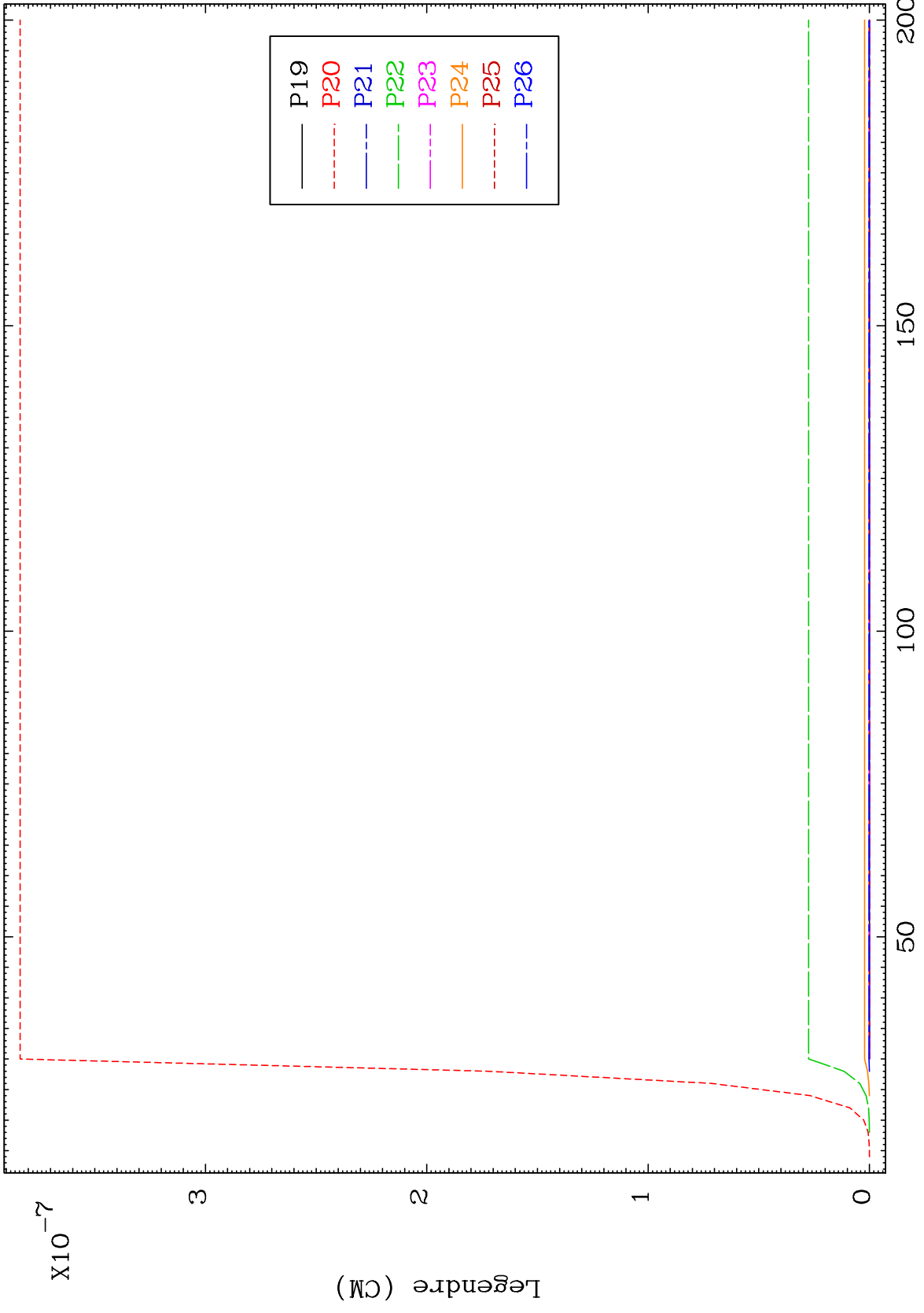


52

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 61 (n,n') Level Legendre Coefficients 34-Se-81

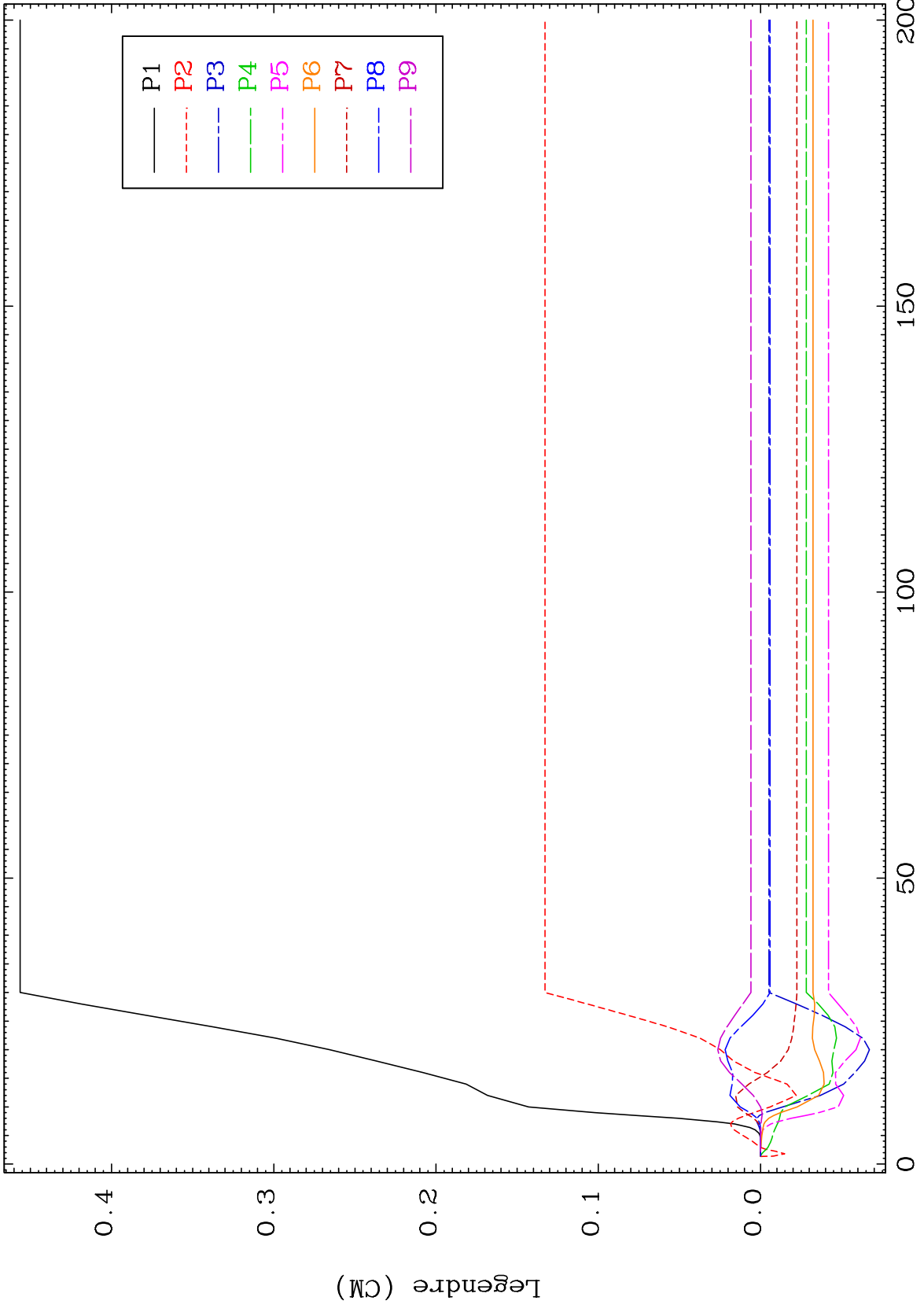


53 34-Se-81

MAT 3446

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

34-Se-81



54

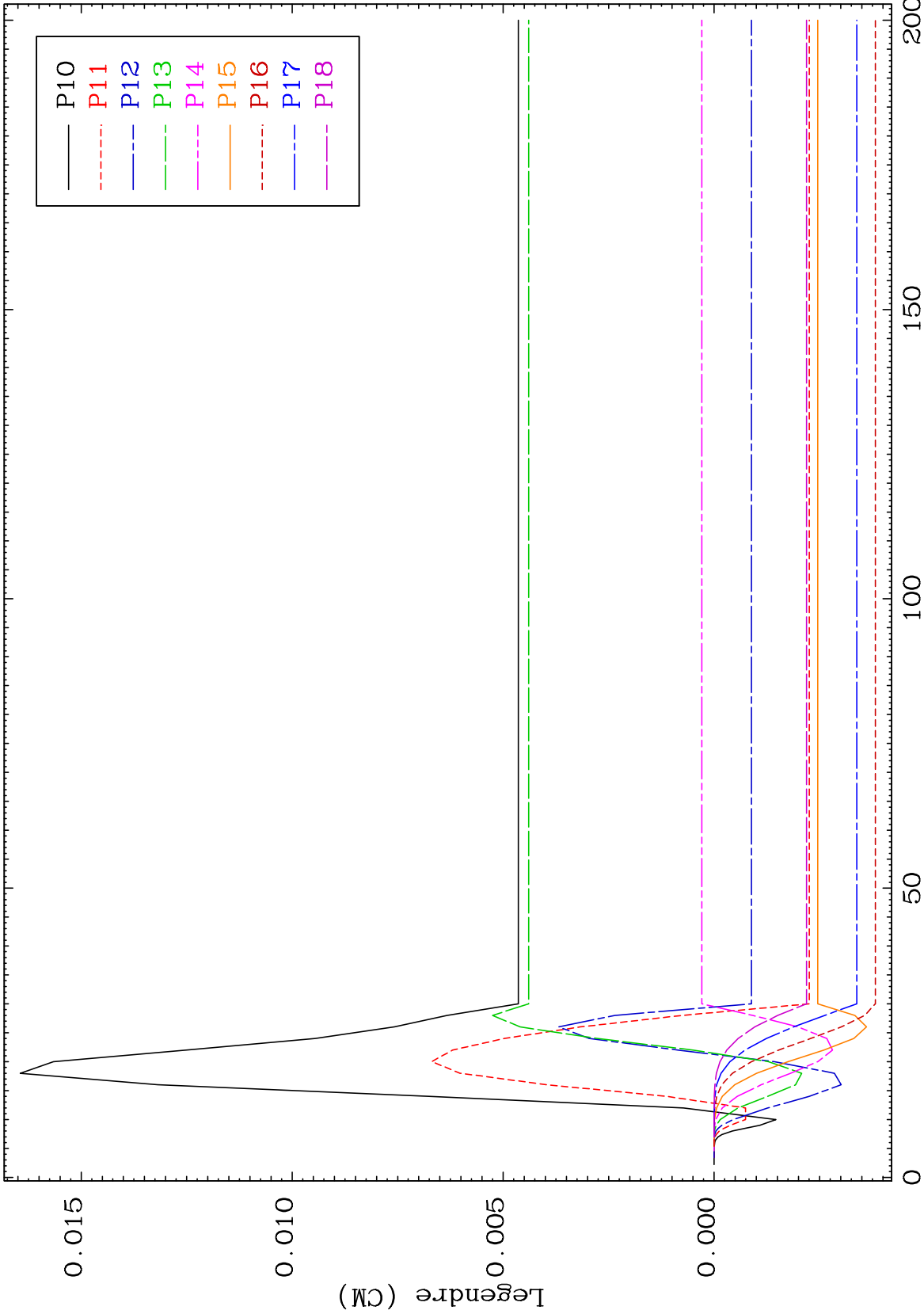
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



55

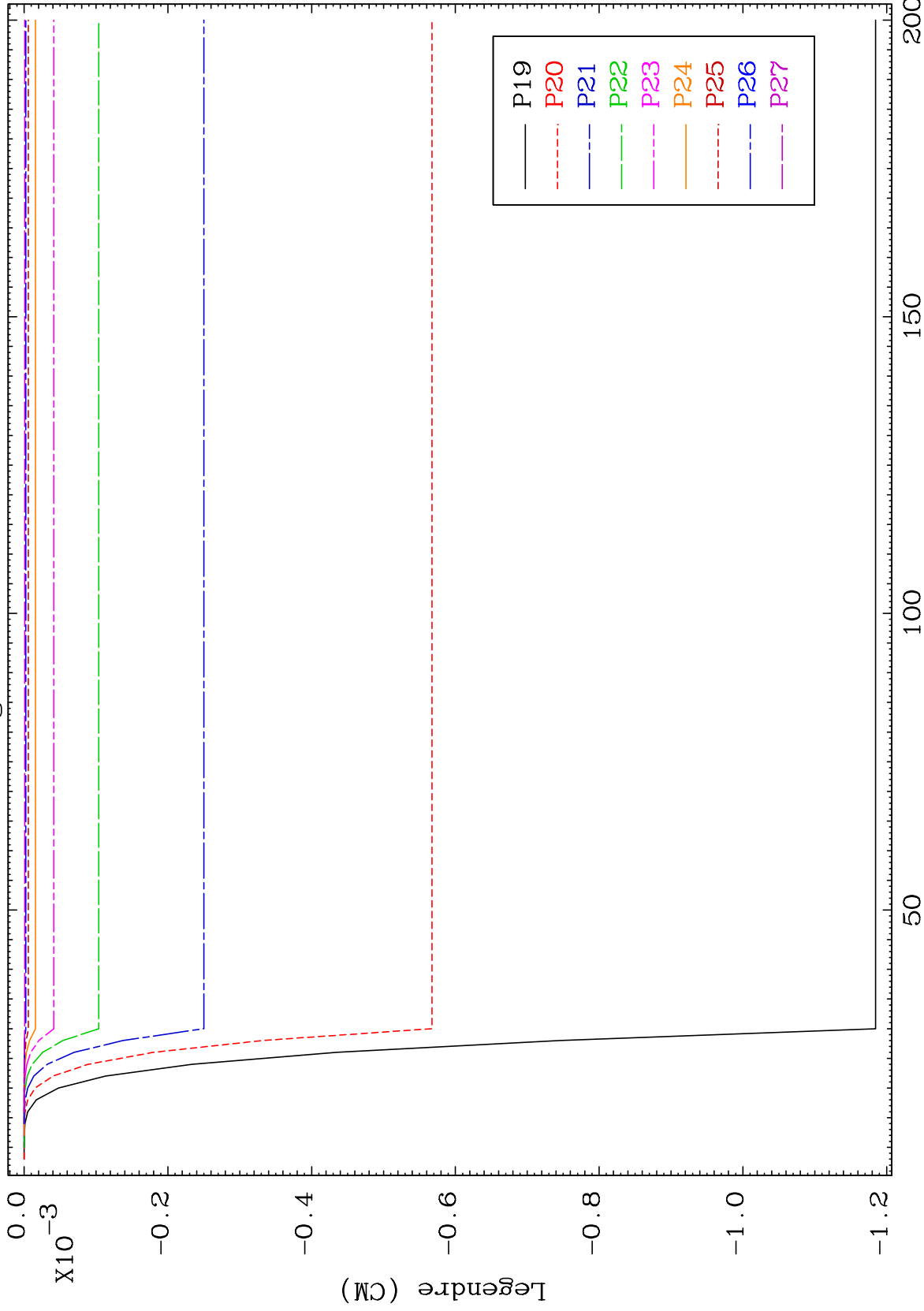
Incident Energy (MeV)

34-Se-81

MAT 3446

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

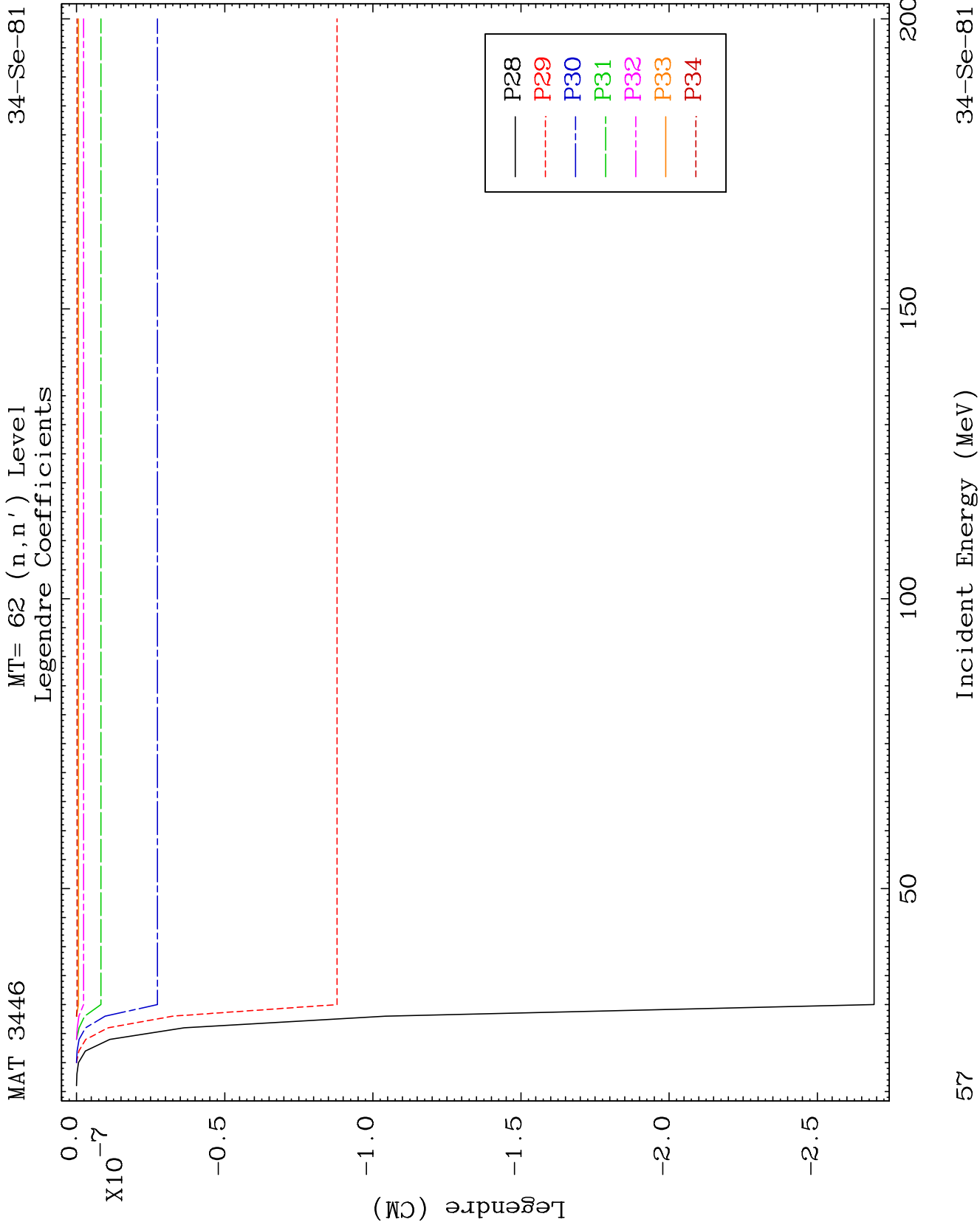
34-Se-81



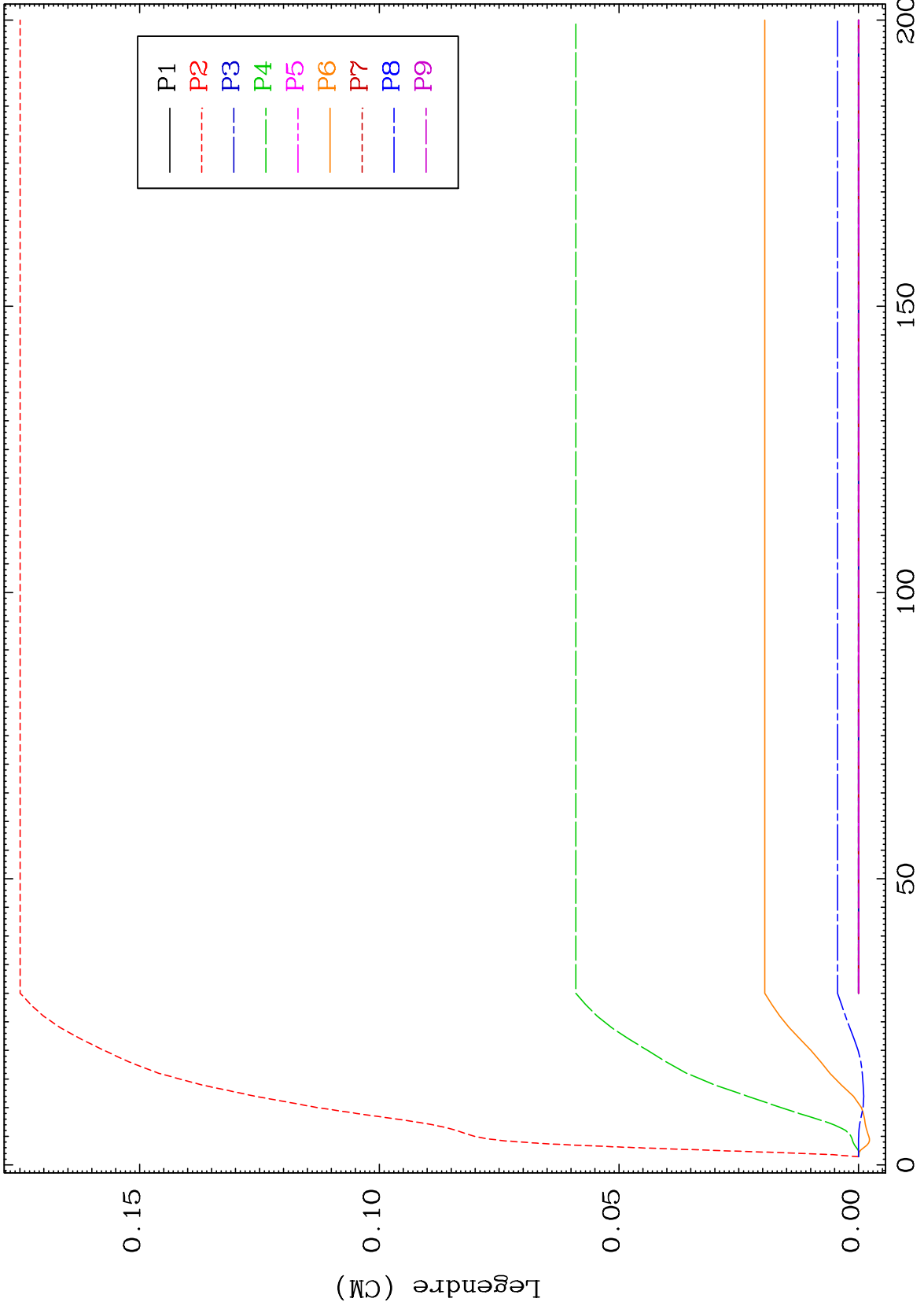
34-Se-81

Incident Energy (MeV)

56



MAT 3446 MT= 63 (n,n') Level Legendre Coefficients 34-Se-81

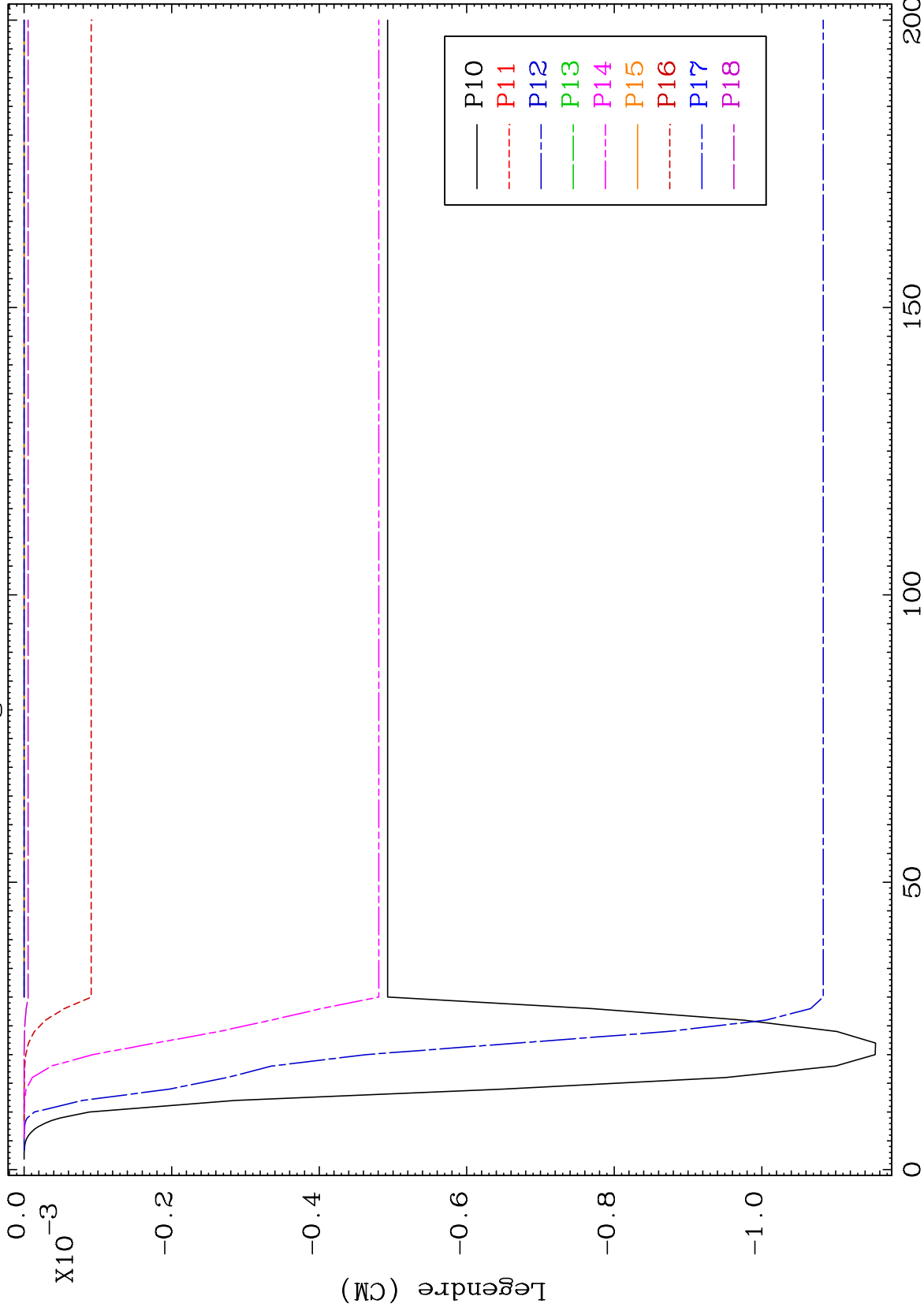


58 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81

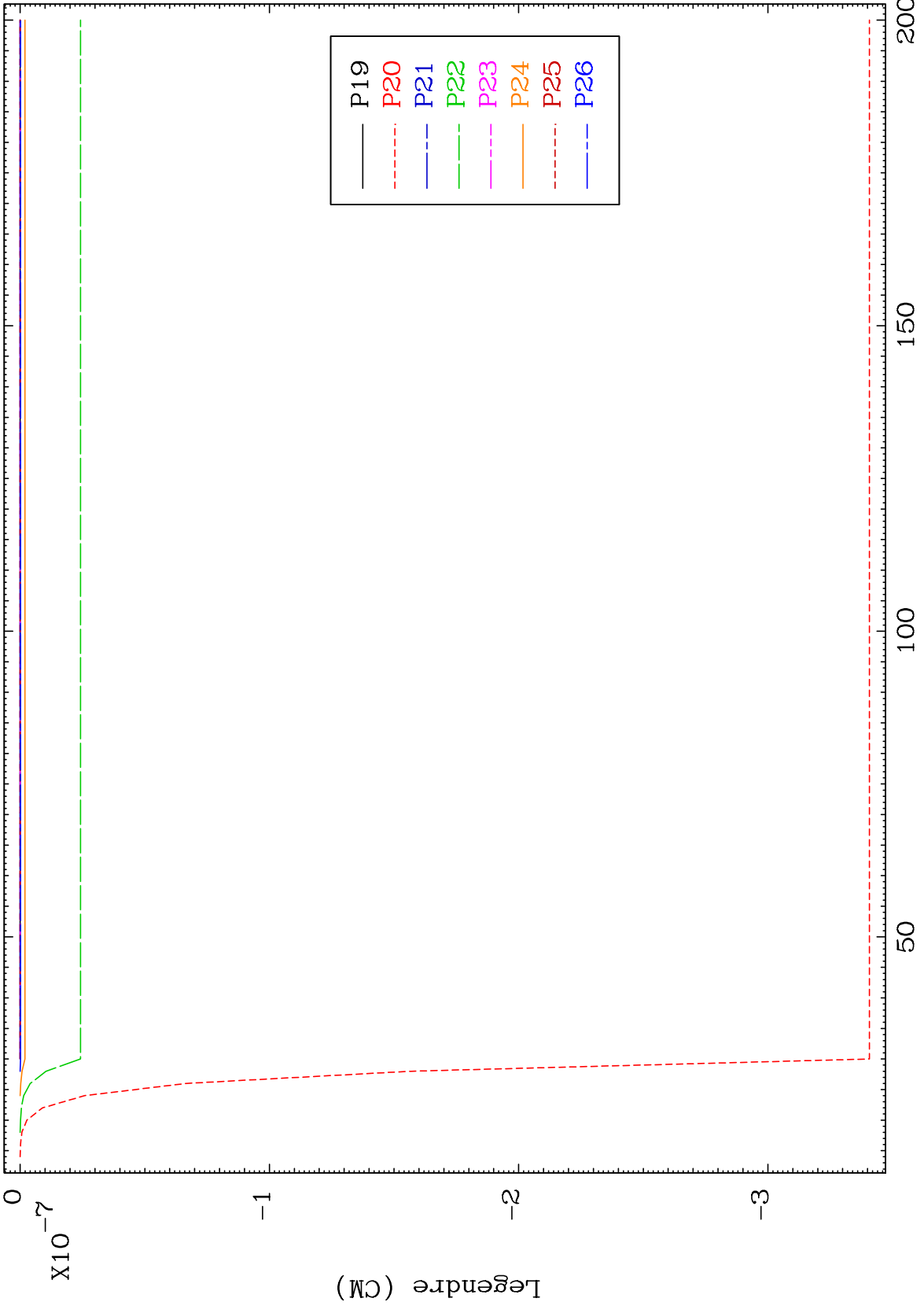


59

Incident Energy (MeV)

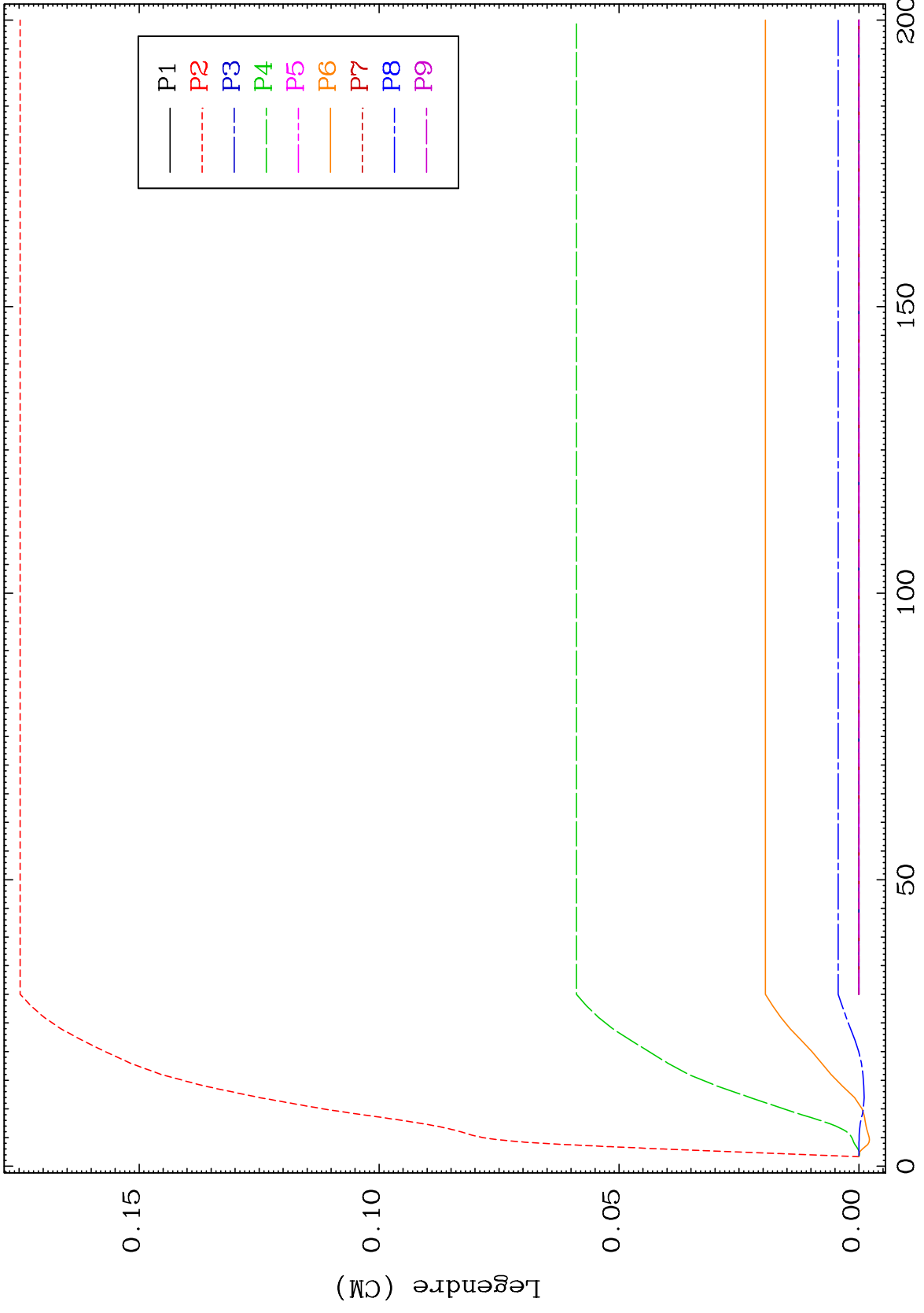
34-Se-81

MAT 3446 MT= 63 (n,n') Level Legendre Coefficients 34-Se-81



34-Se-81

MAT 3446 MT= 64 (n,n') Level Legendre Coefficients 34-Se-81

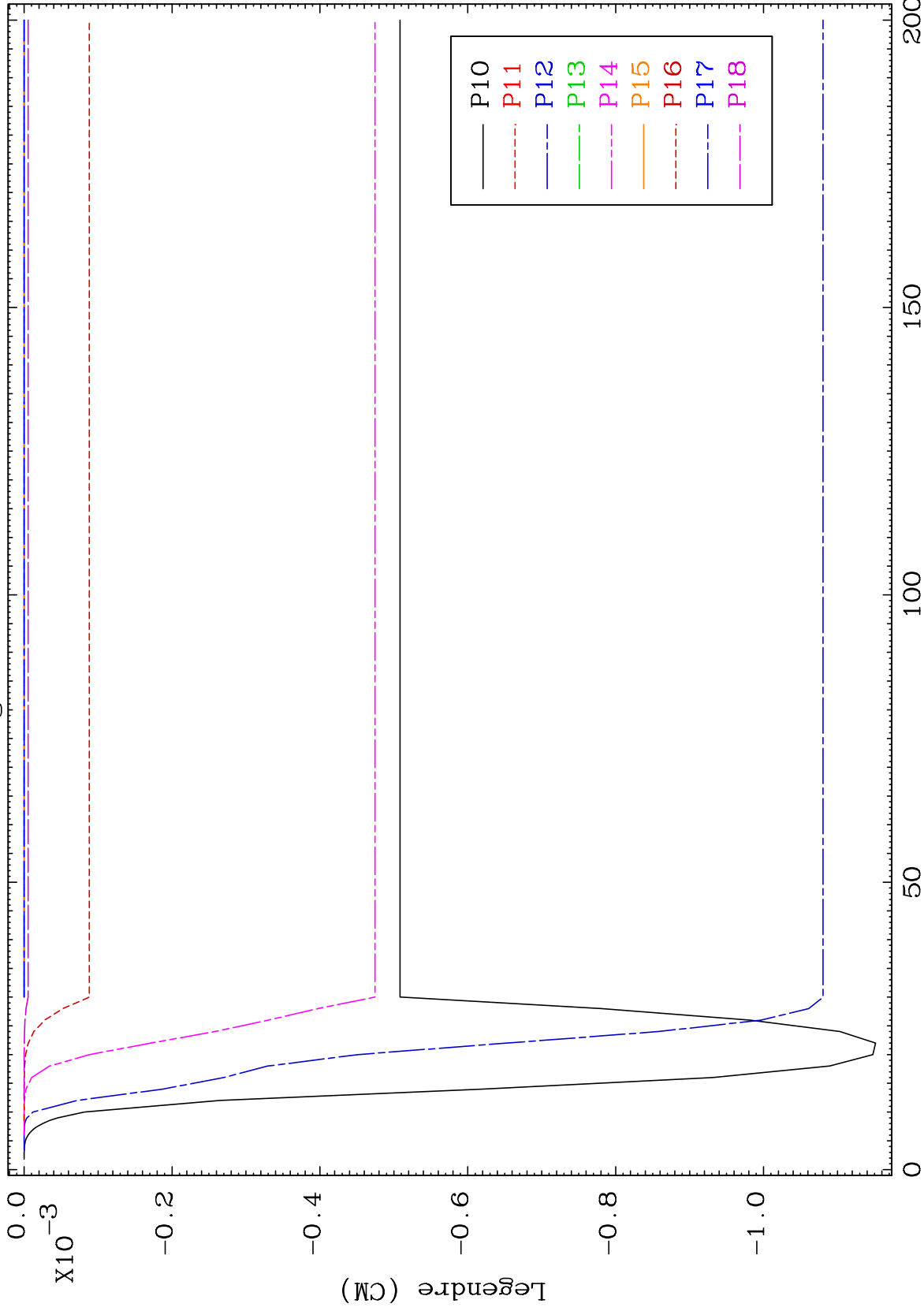


61 34-Se-81

MAT 3446

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

34-Se-81



62

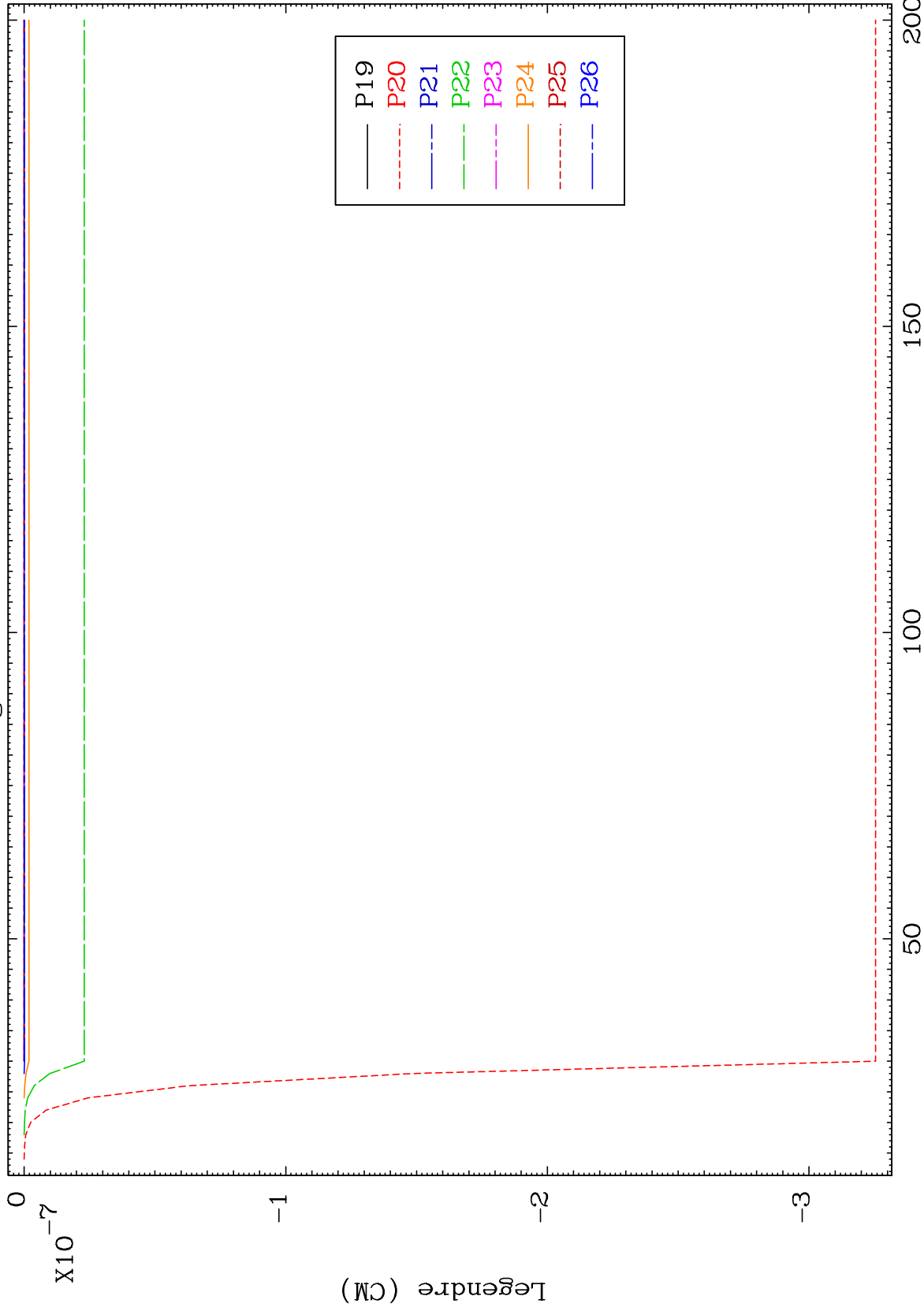
Incident Energy (MeV)

34-Se-81

MAT 3446

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

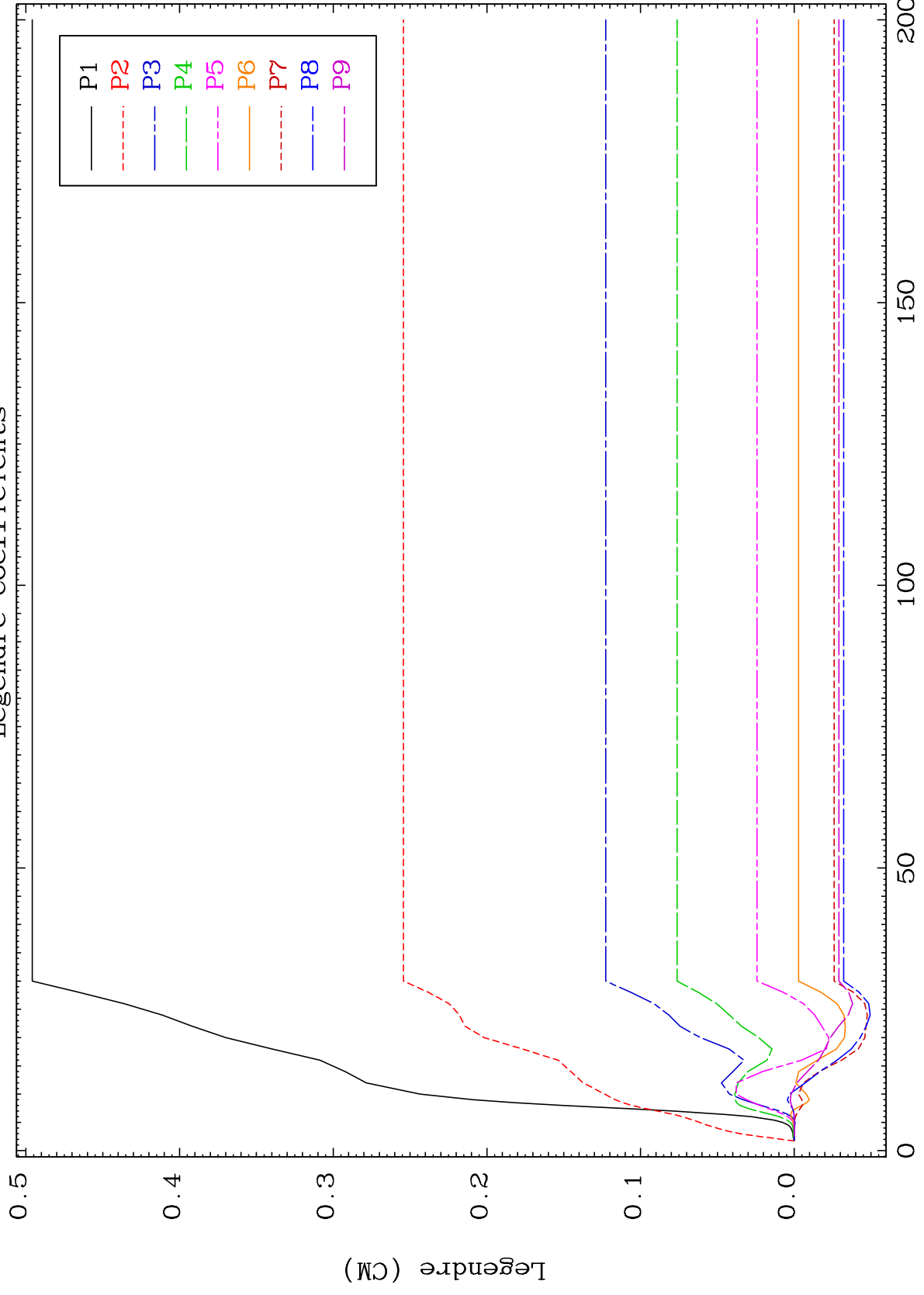
34-Se-81



63

34-Se-81

MAT 3446 MT= 65 (n,n') Level Legendre Coefficients 34-Se-81

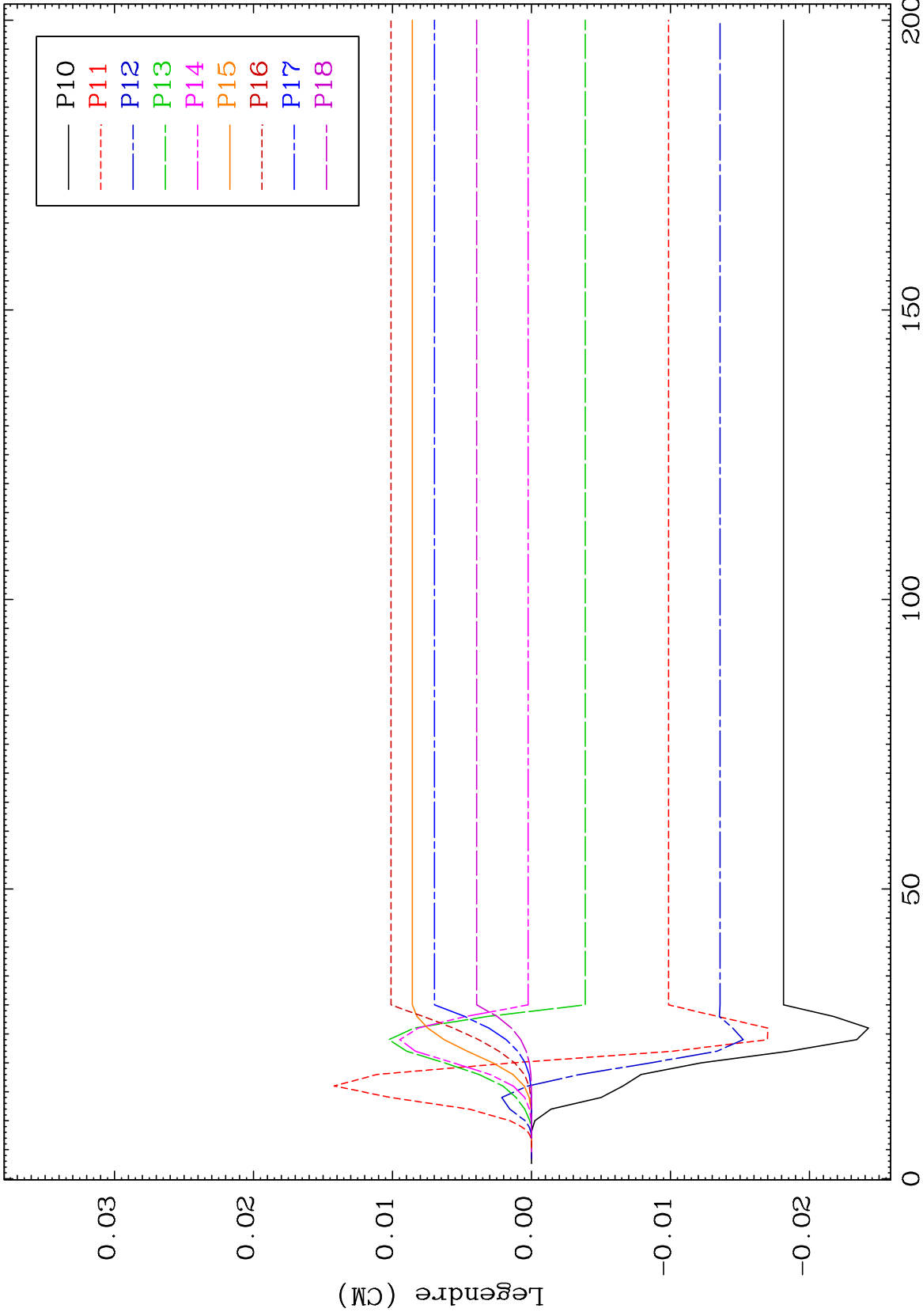


64 34-Se-81

MAT 3446

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

34-Se-81



65

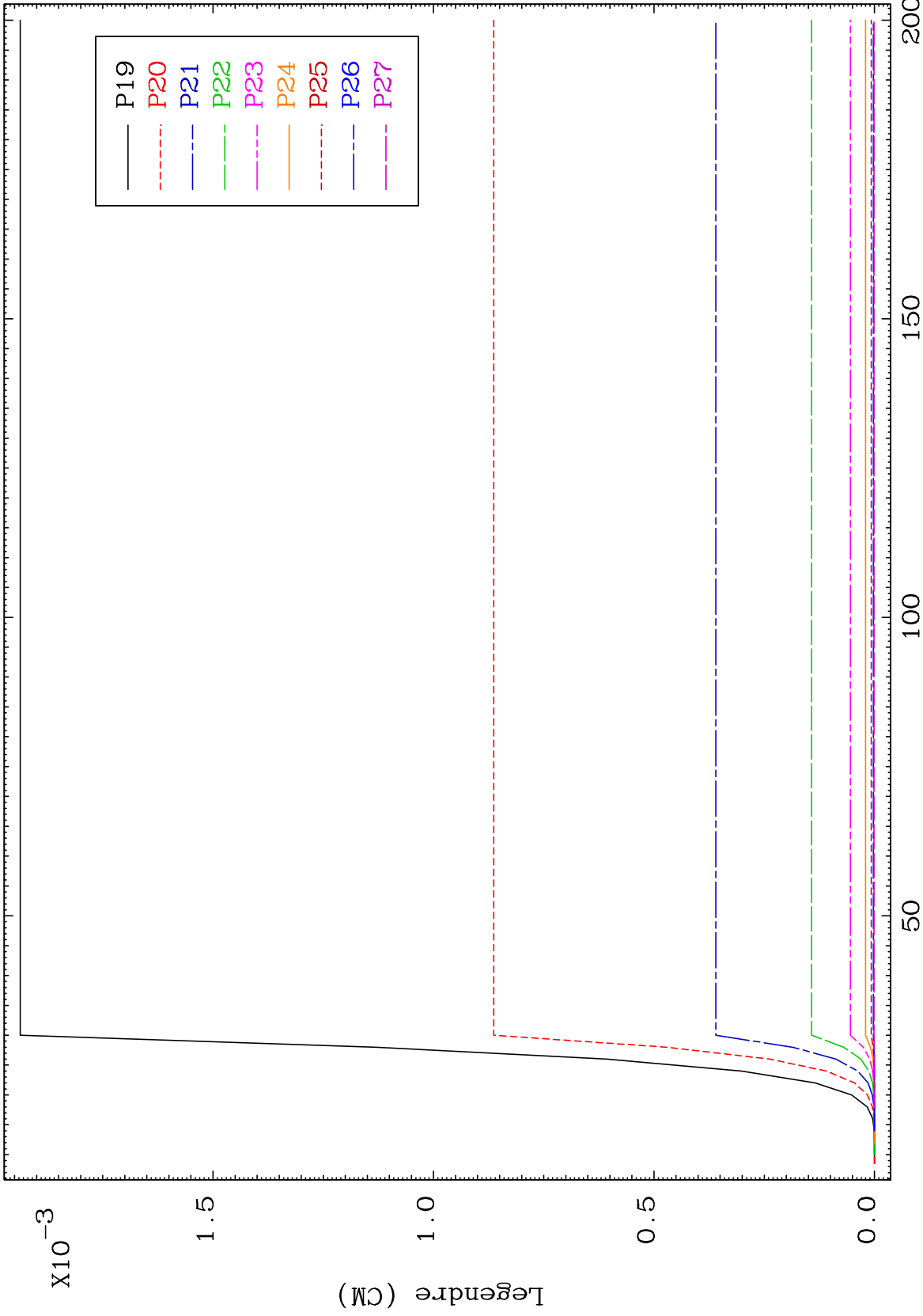
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



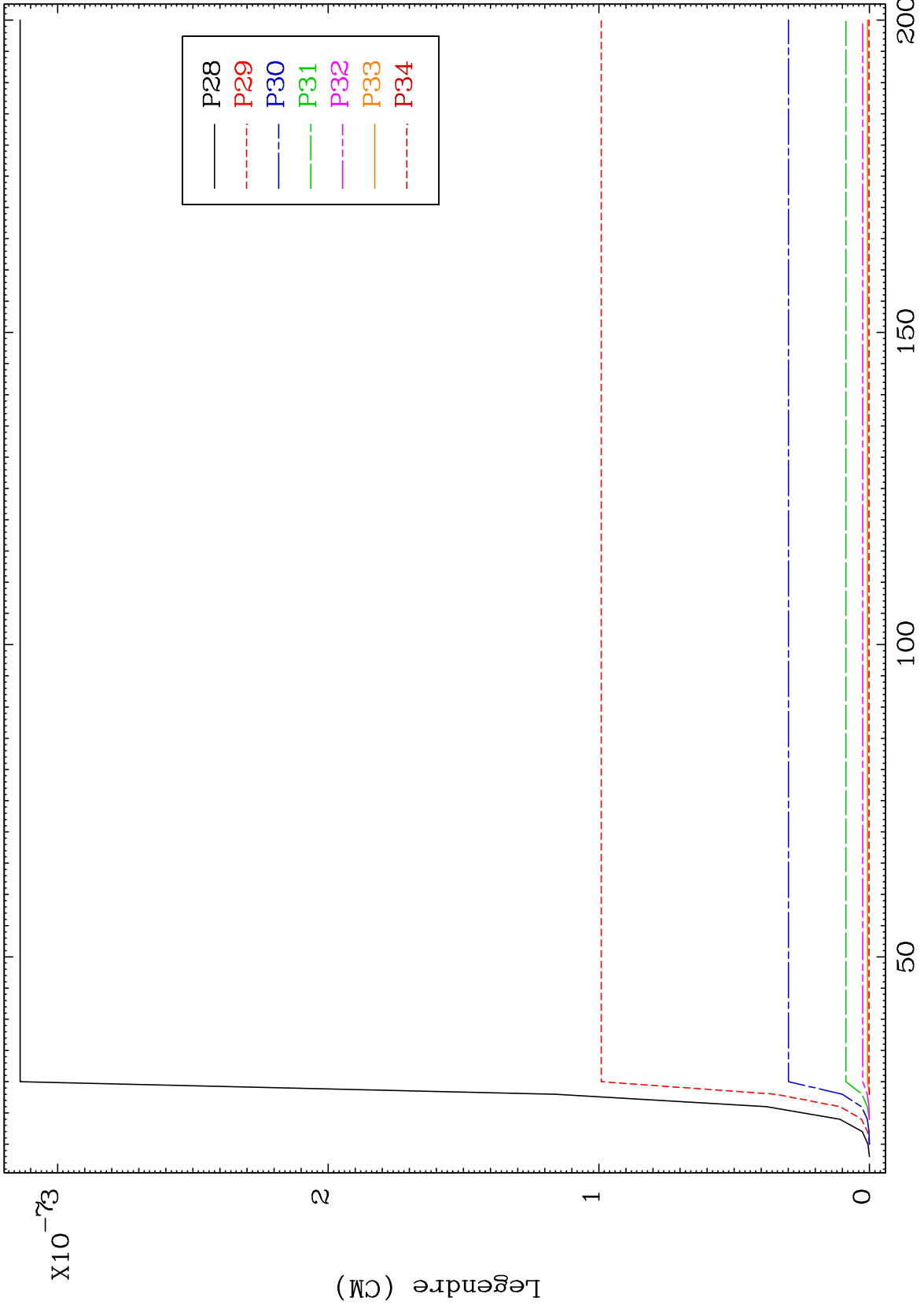
66

34-Se-81

MAT 3446

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

34-Se-81

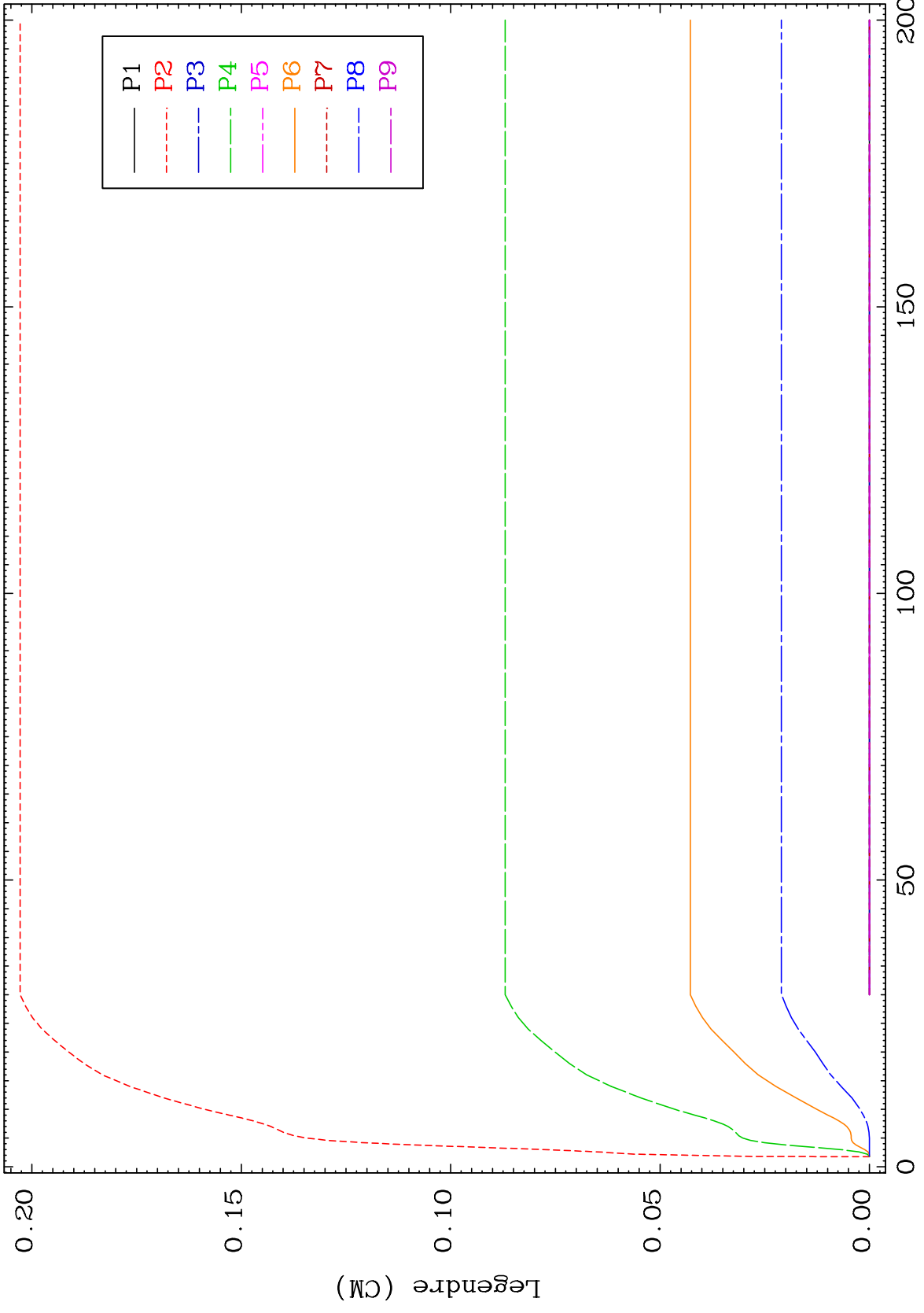


67

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 66 (n,n') Level Legendre Coefficients 34-Se-81

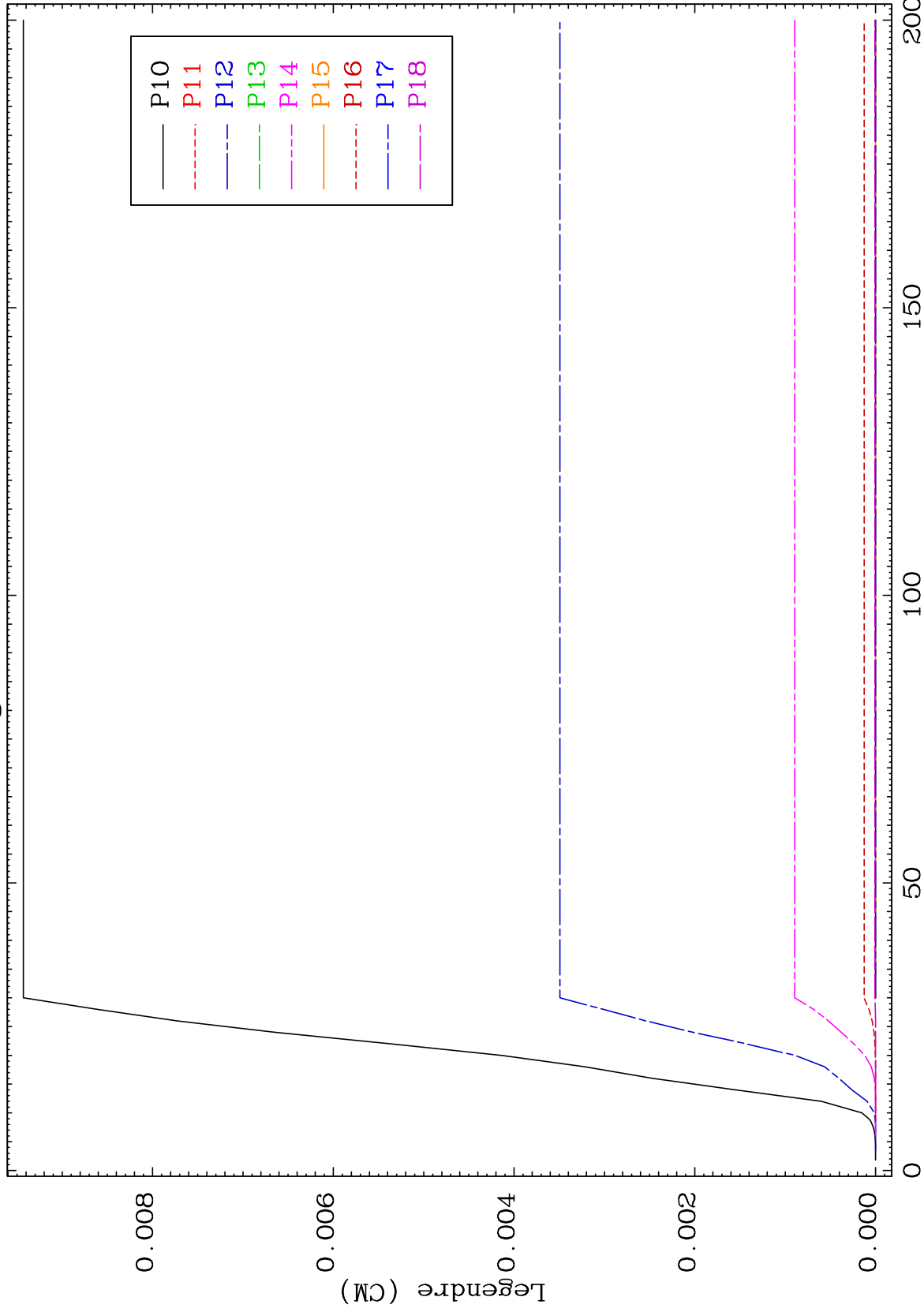


68 34-Se-81

MAT 3446

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

34-Se-81

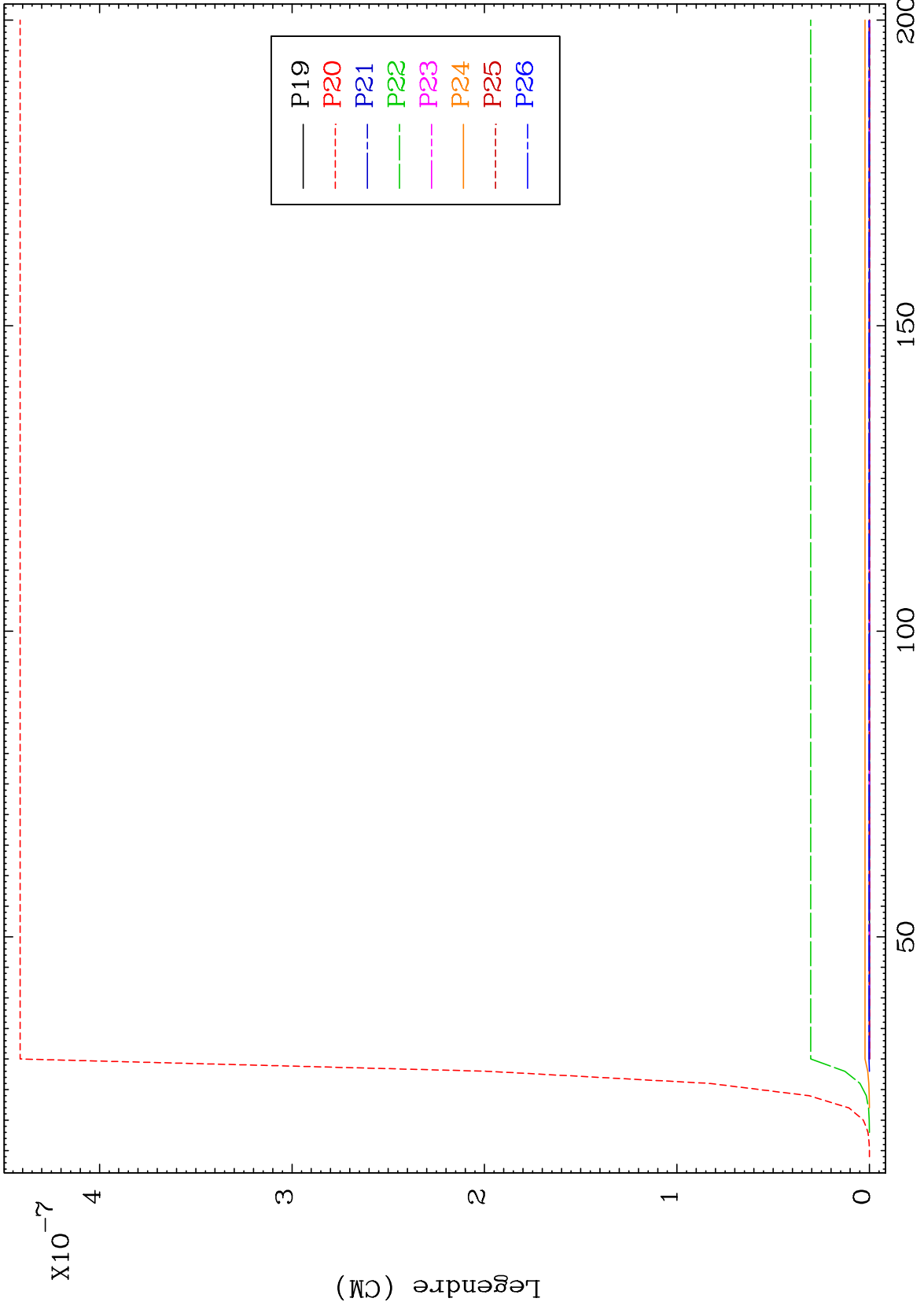


69

Incident Energy (MeV)

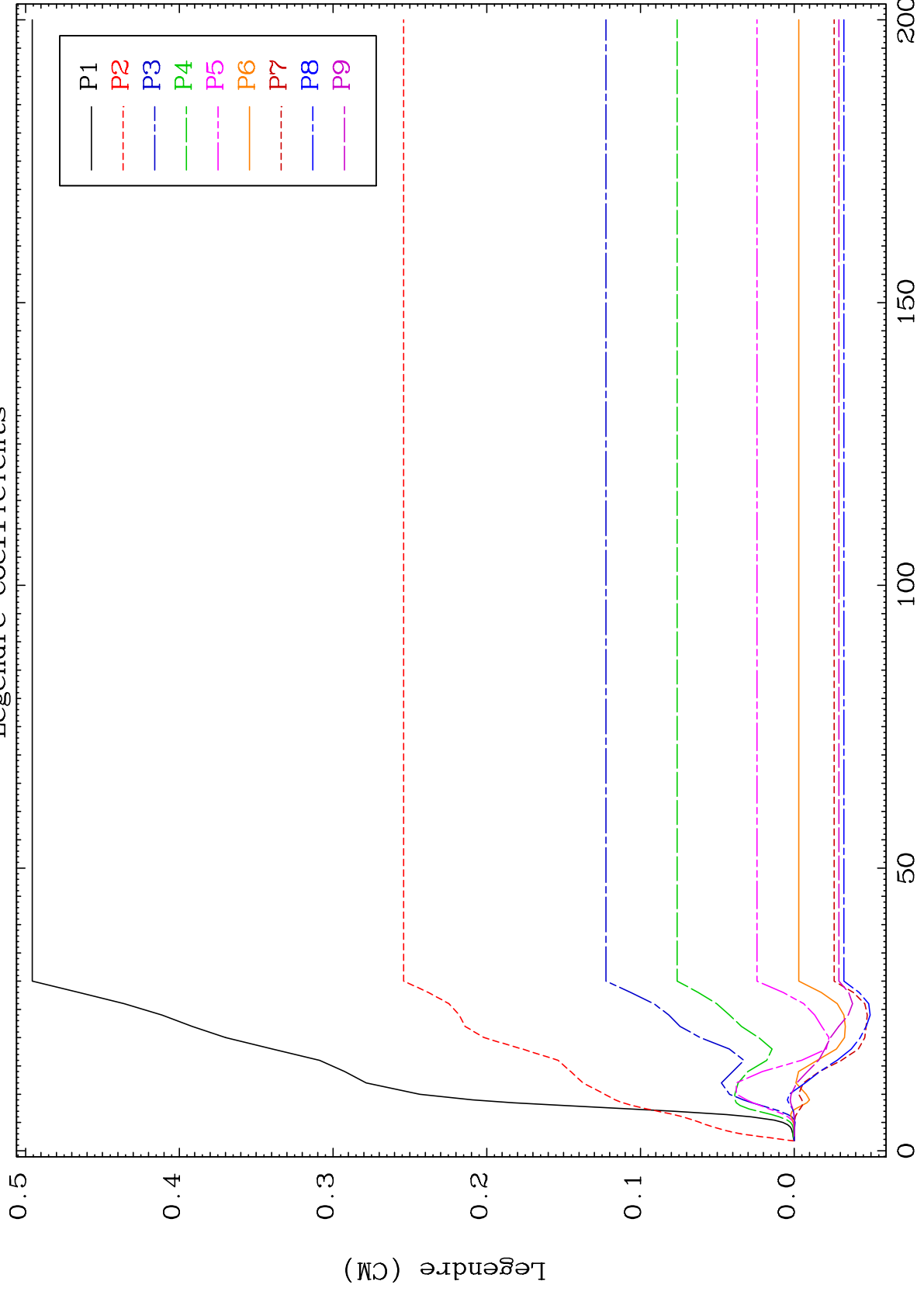
34-Se-81

MAT 3446 MT= 66 (n,n') Level Legendre Coefficients 34-Se-81



Incident Energy (MeV) 34-Se-81

MAT 3446 MT= 67 (n,n') Level Legendre Coefficients 34-Se-81

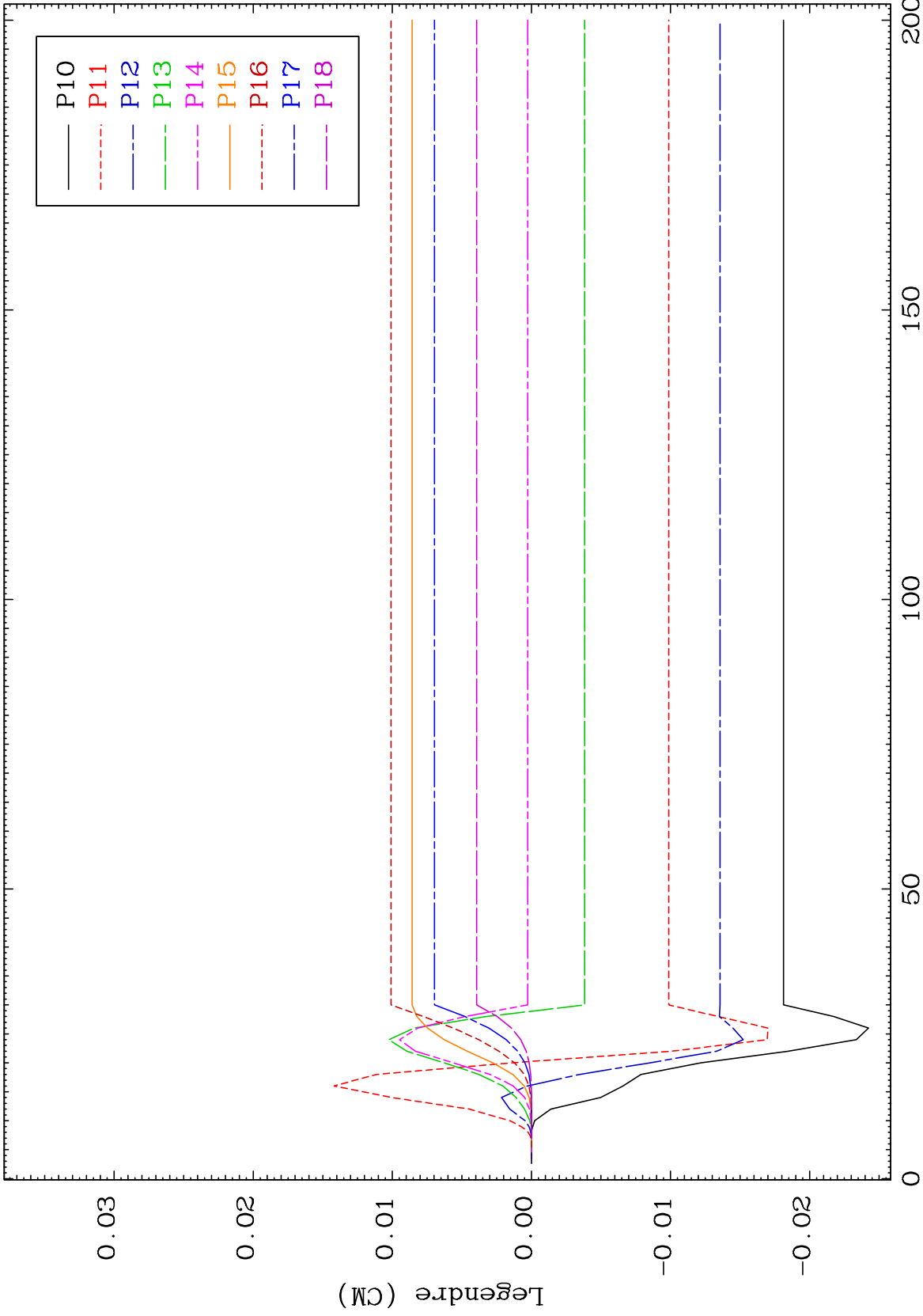


71 34-Se-81

MAT 3446

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

34-Se-81



72

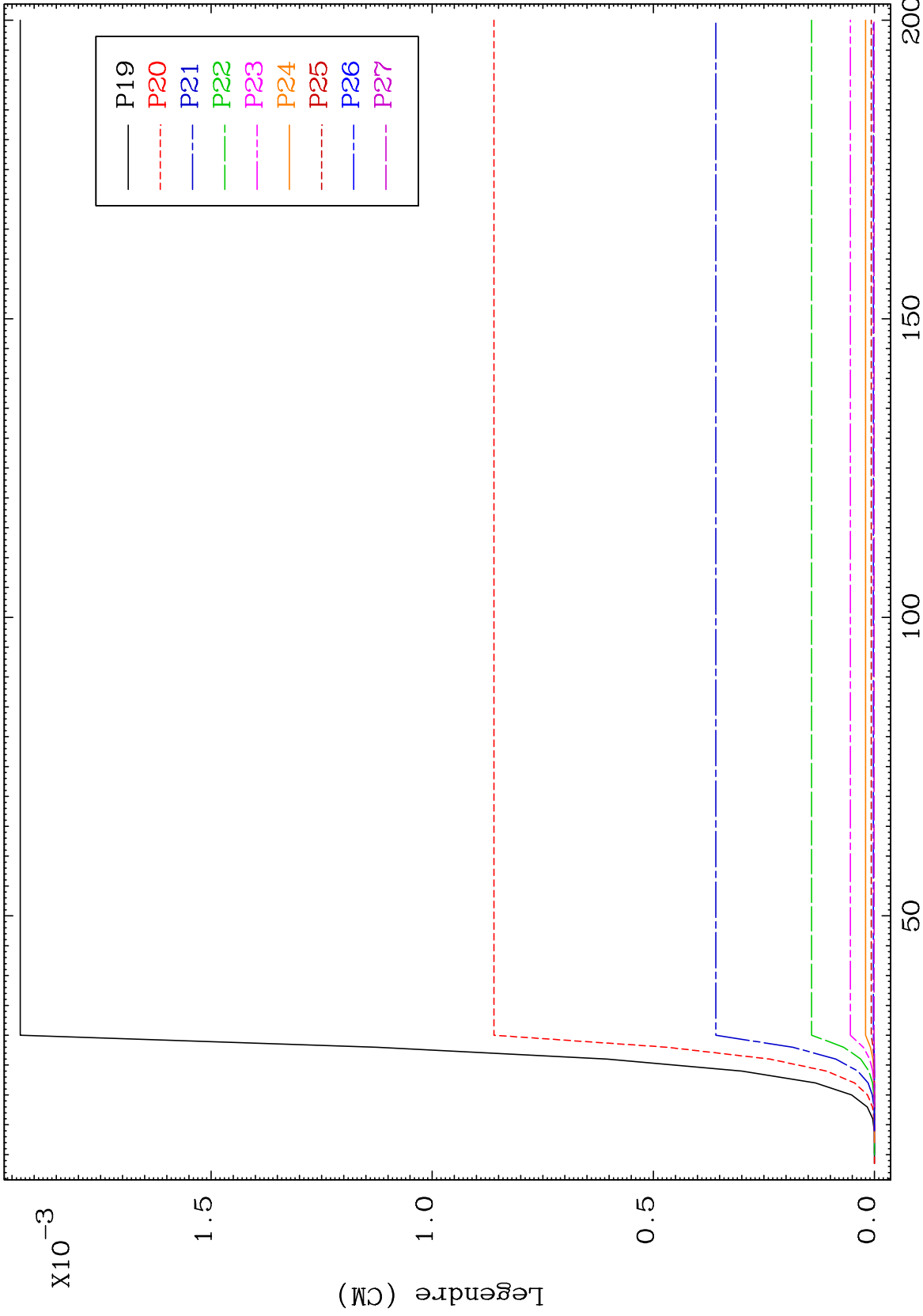
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



73

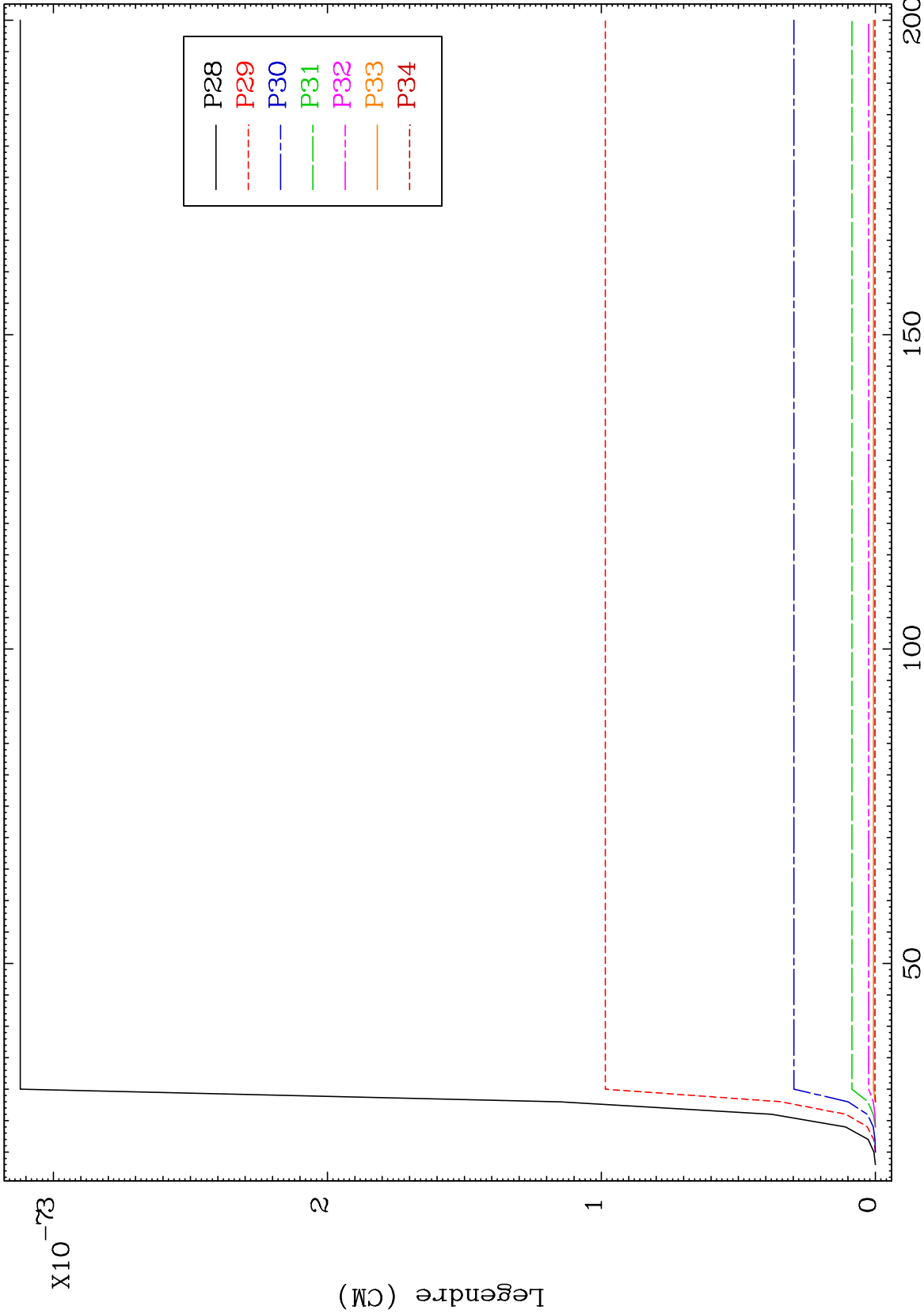
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



74

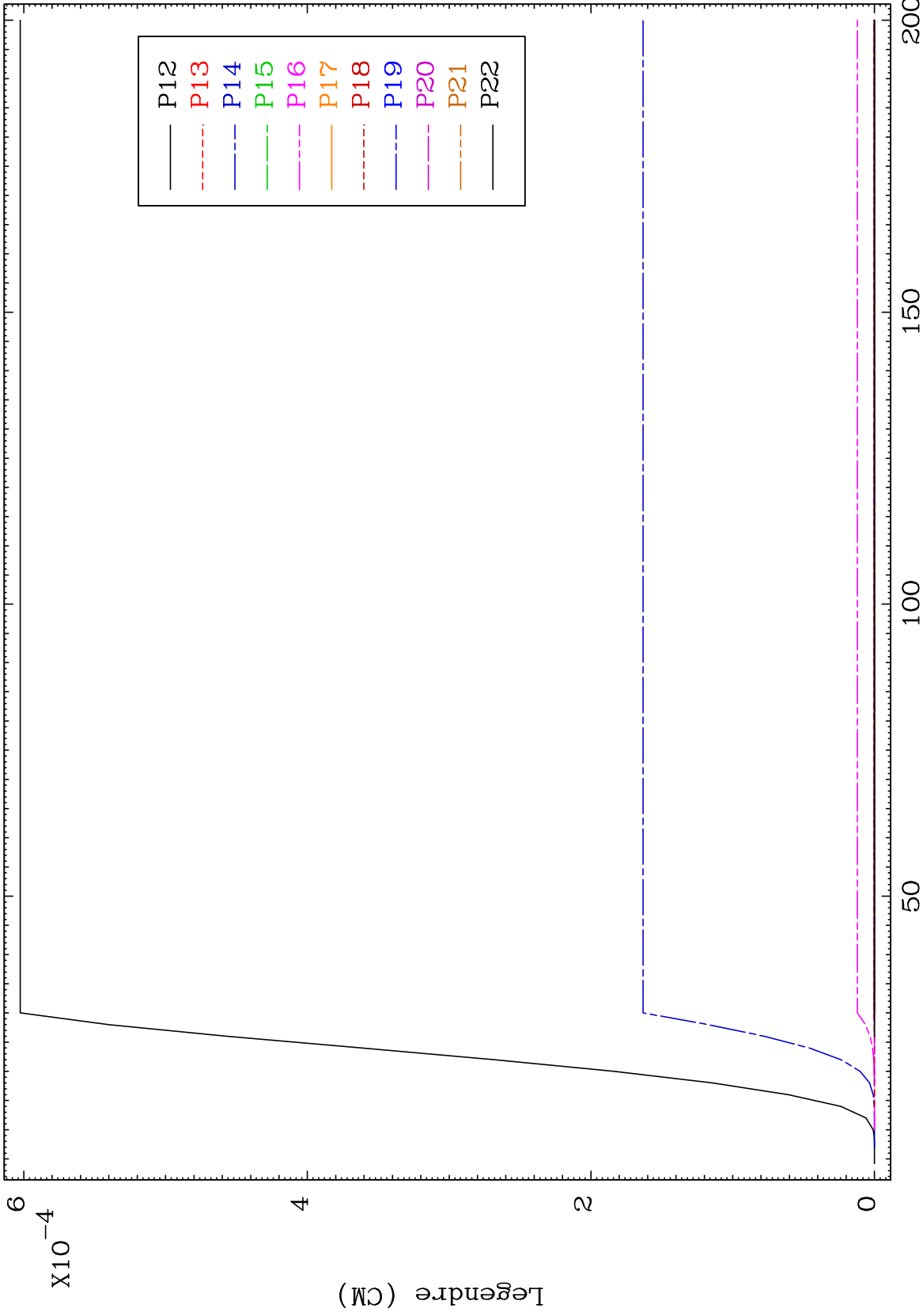
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81

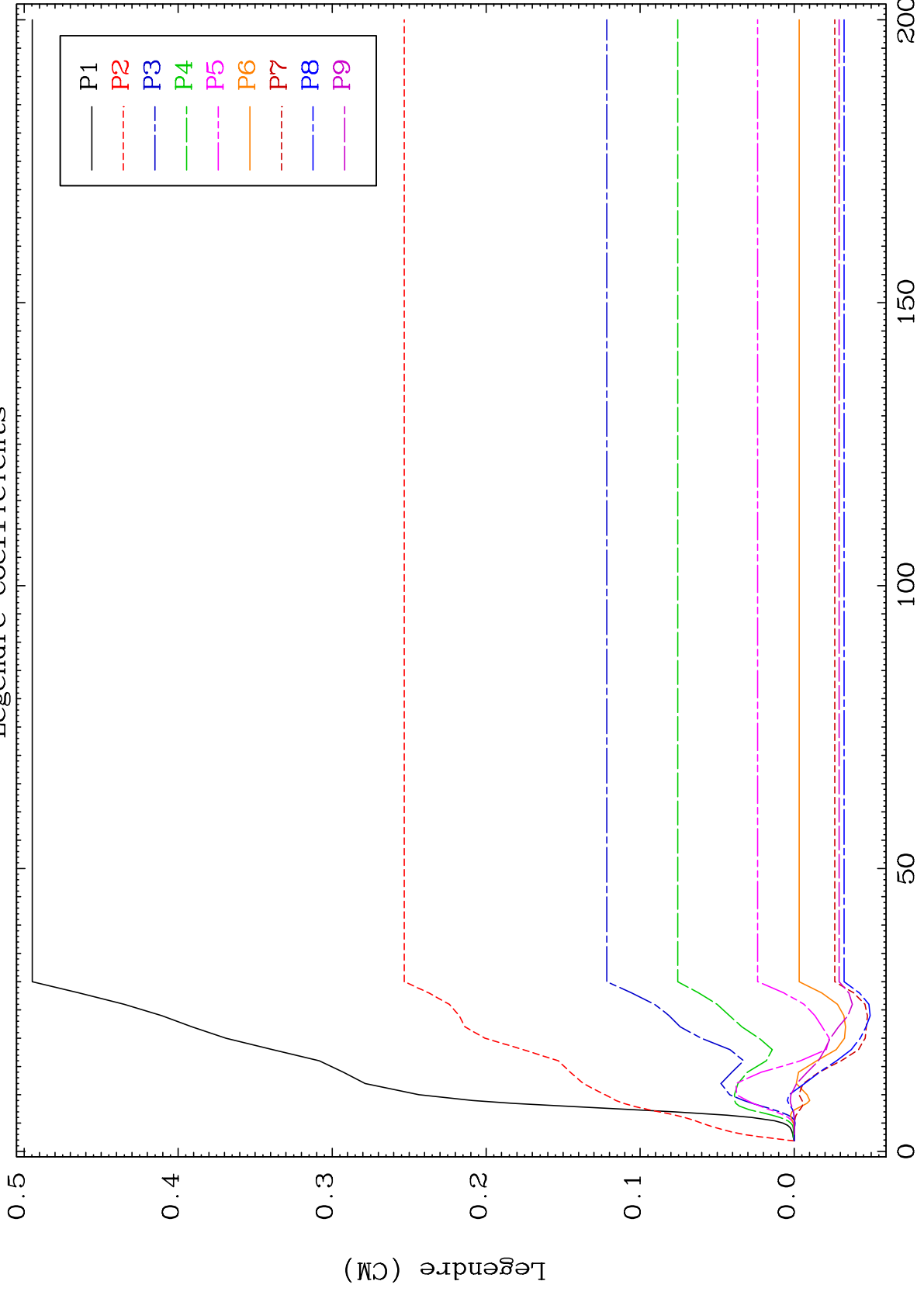


76

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 69 (n,n') Level Legendre Coefficients 34-Se-81



34-Se-81

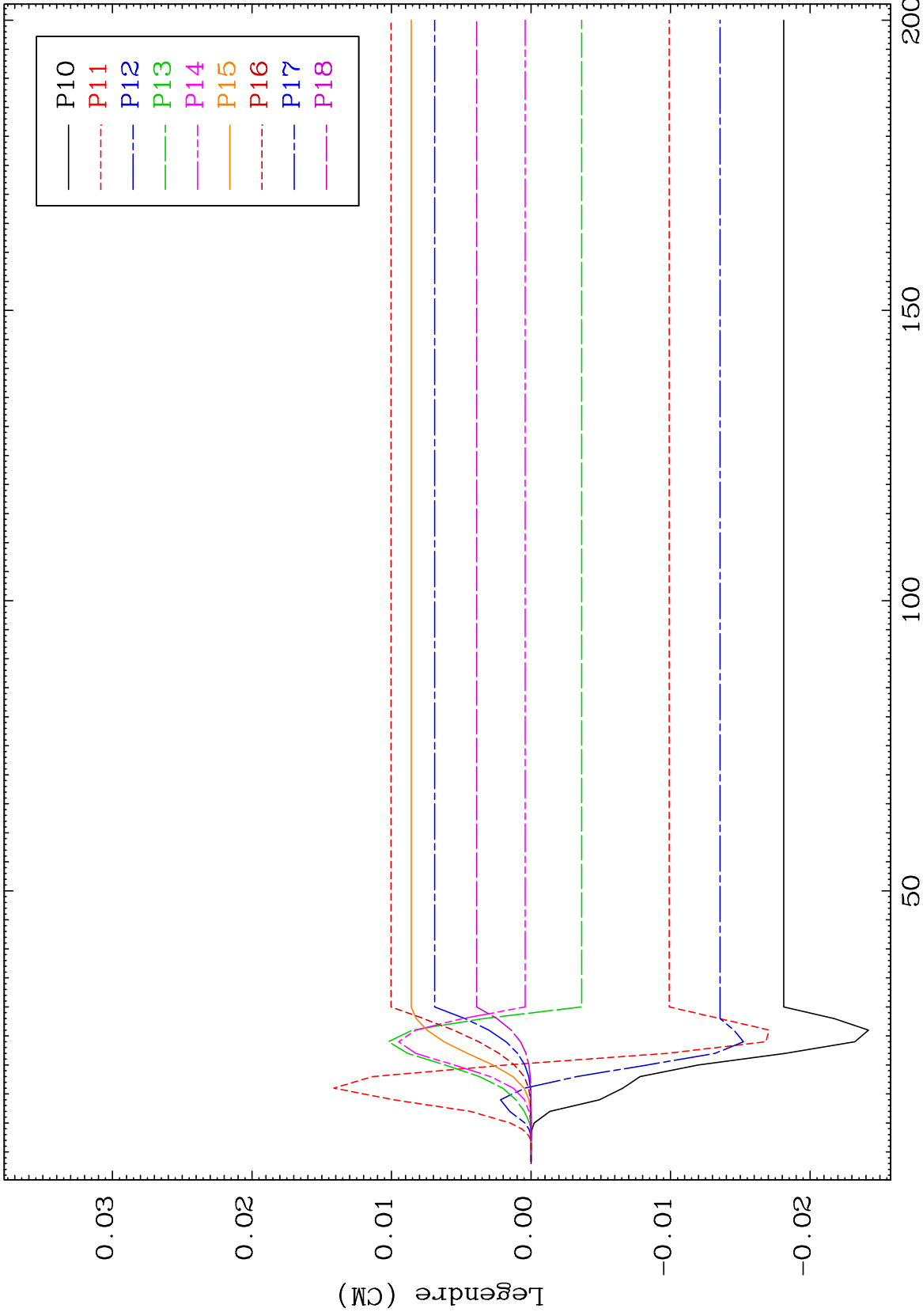
Incident Energy (MeV)

77

MAT 3446

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

34-Se-81



78

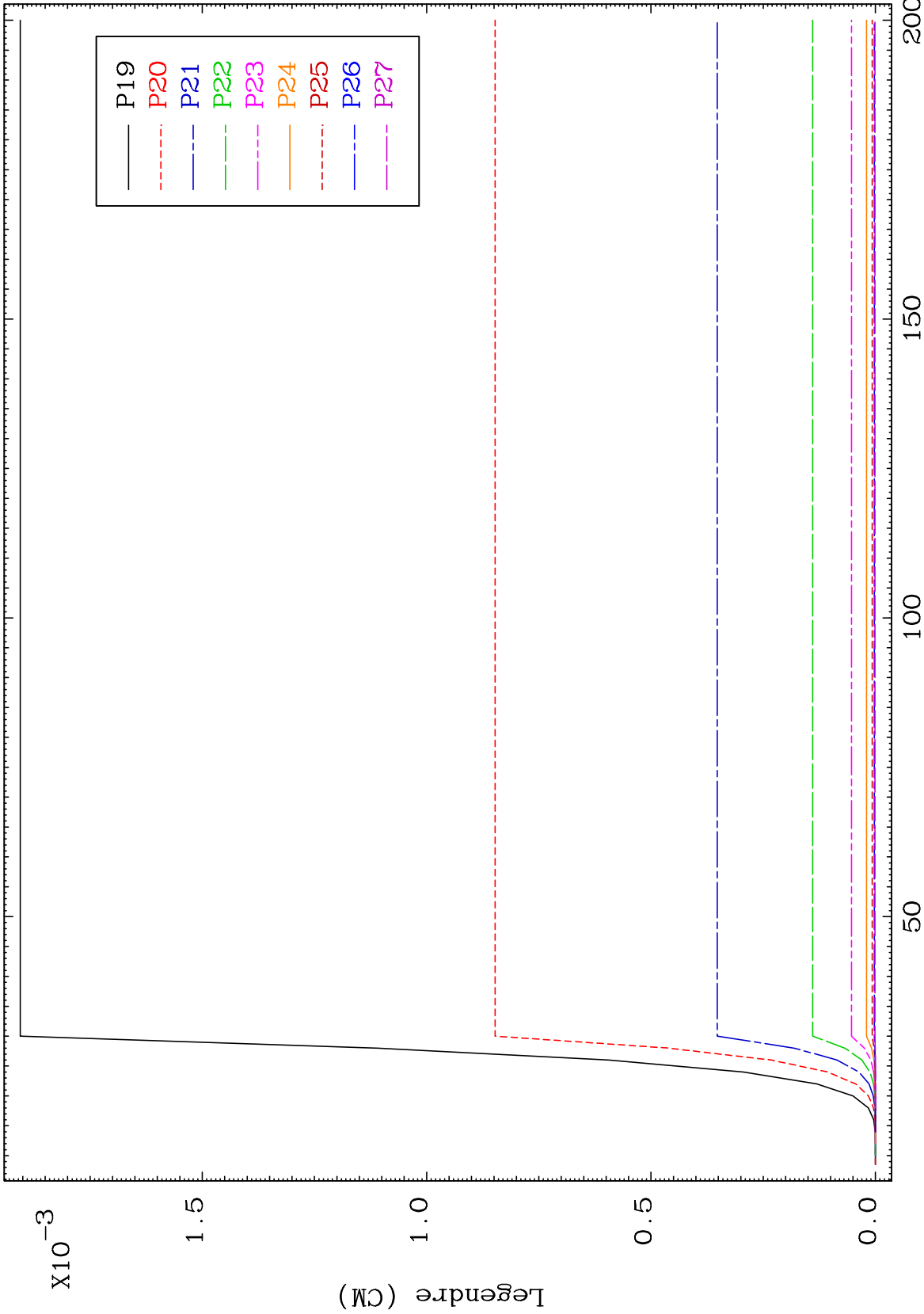
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



79

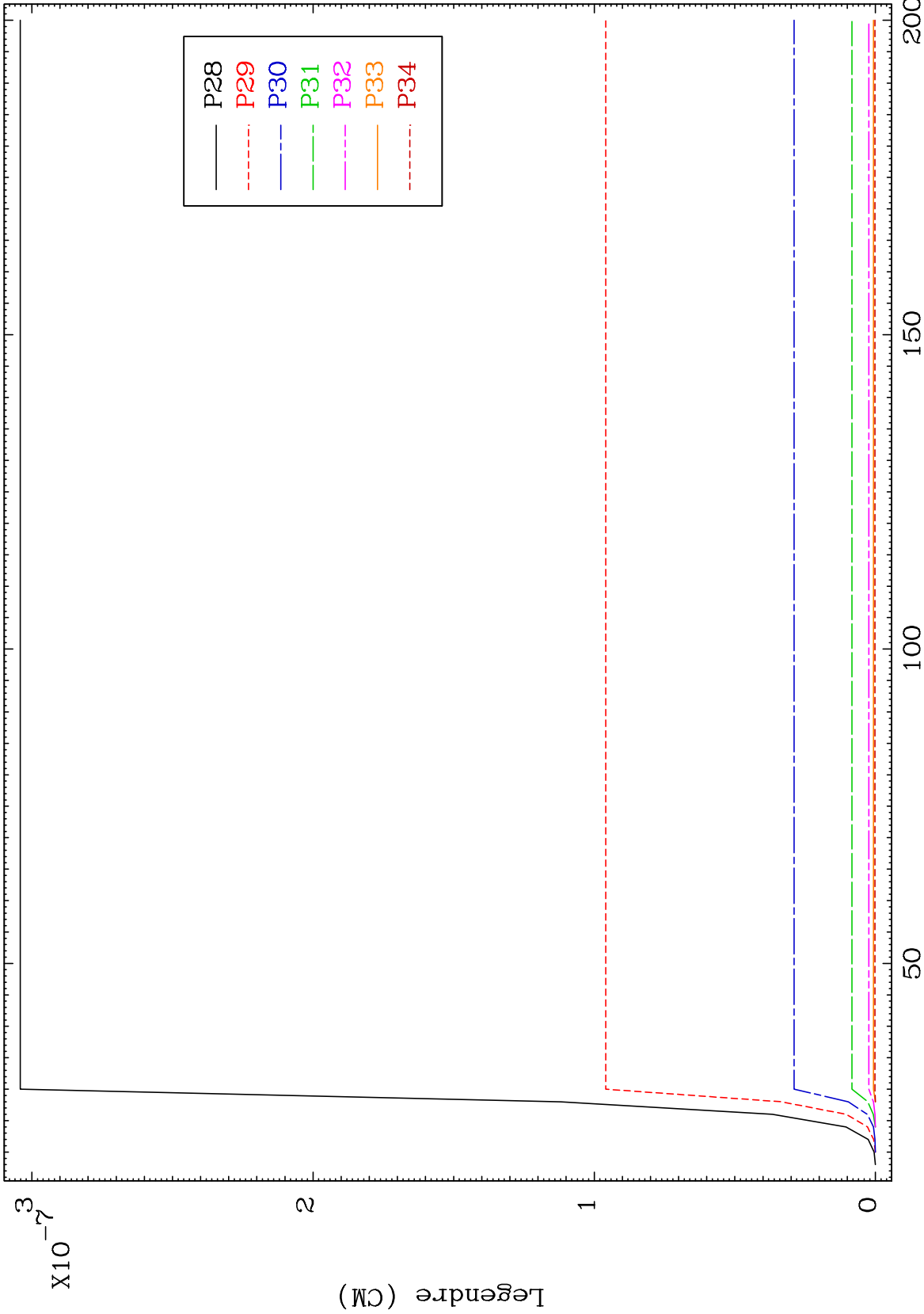
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81

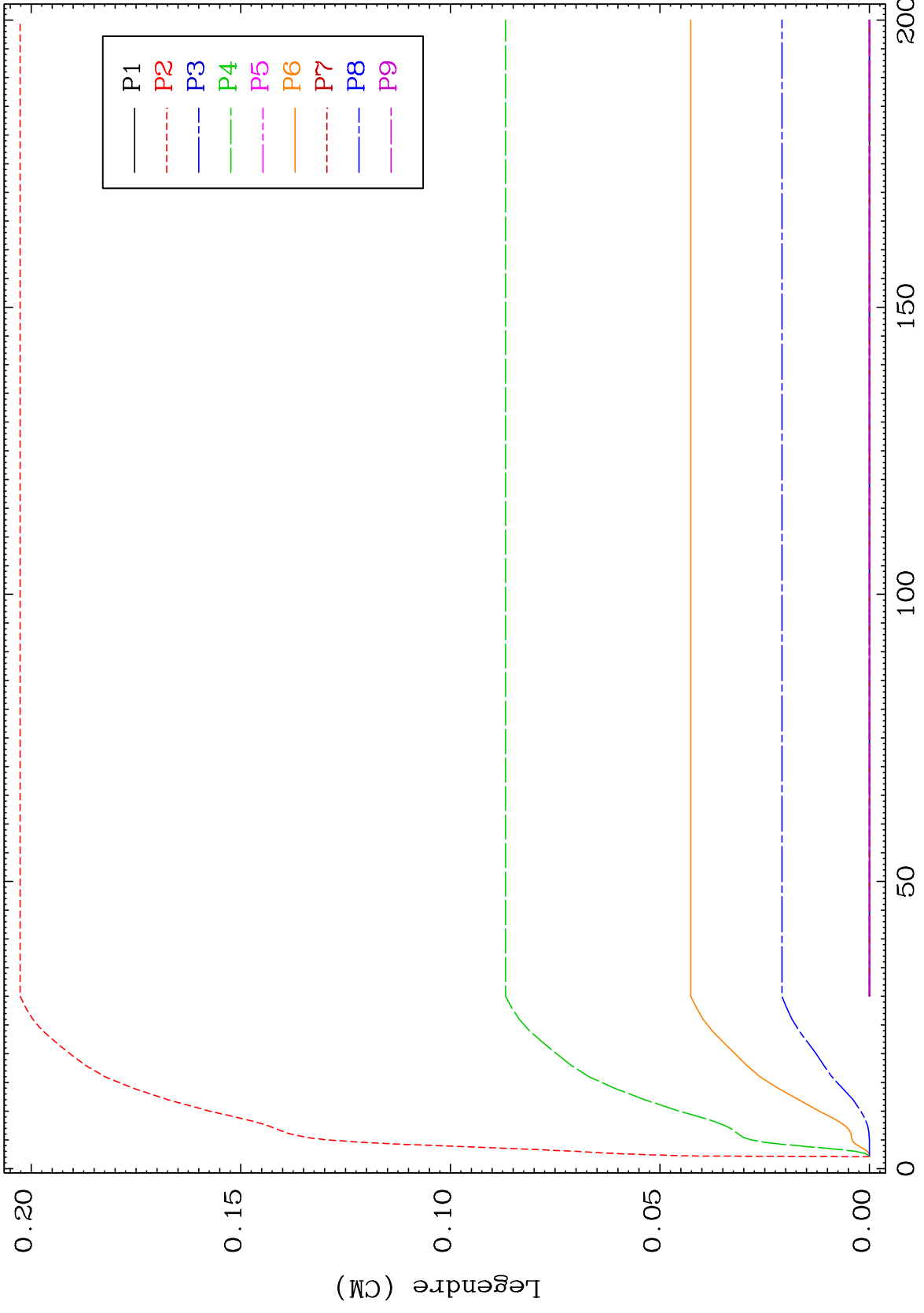


80

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 70 (n,n') Level Legendre Coefficients 34-Se-81

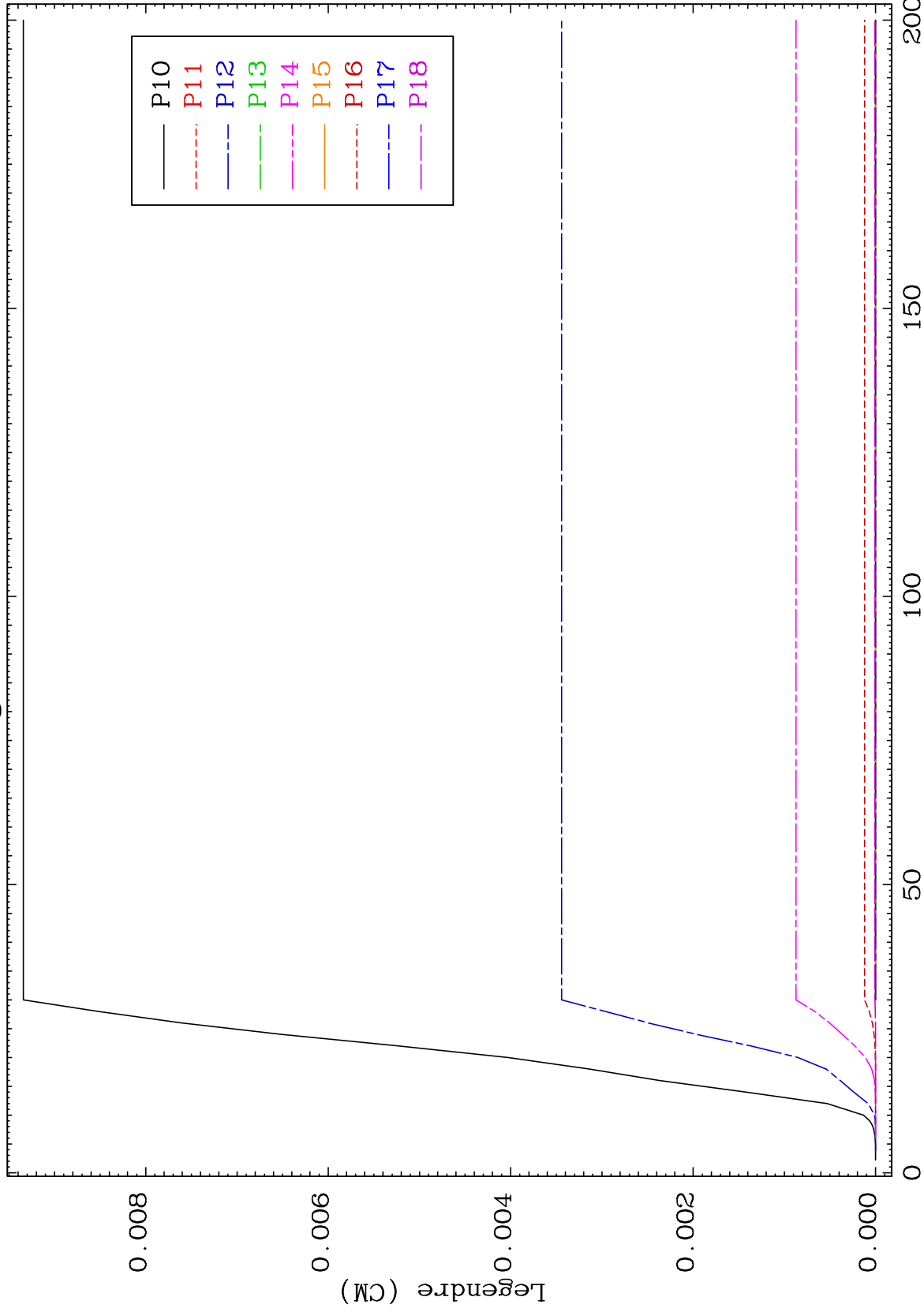


81 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81

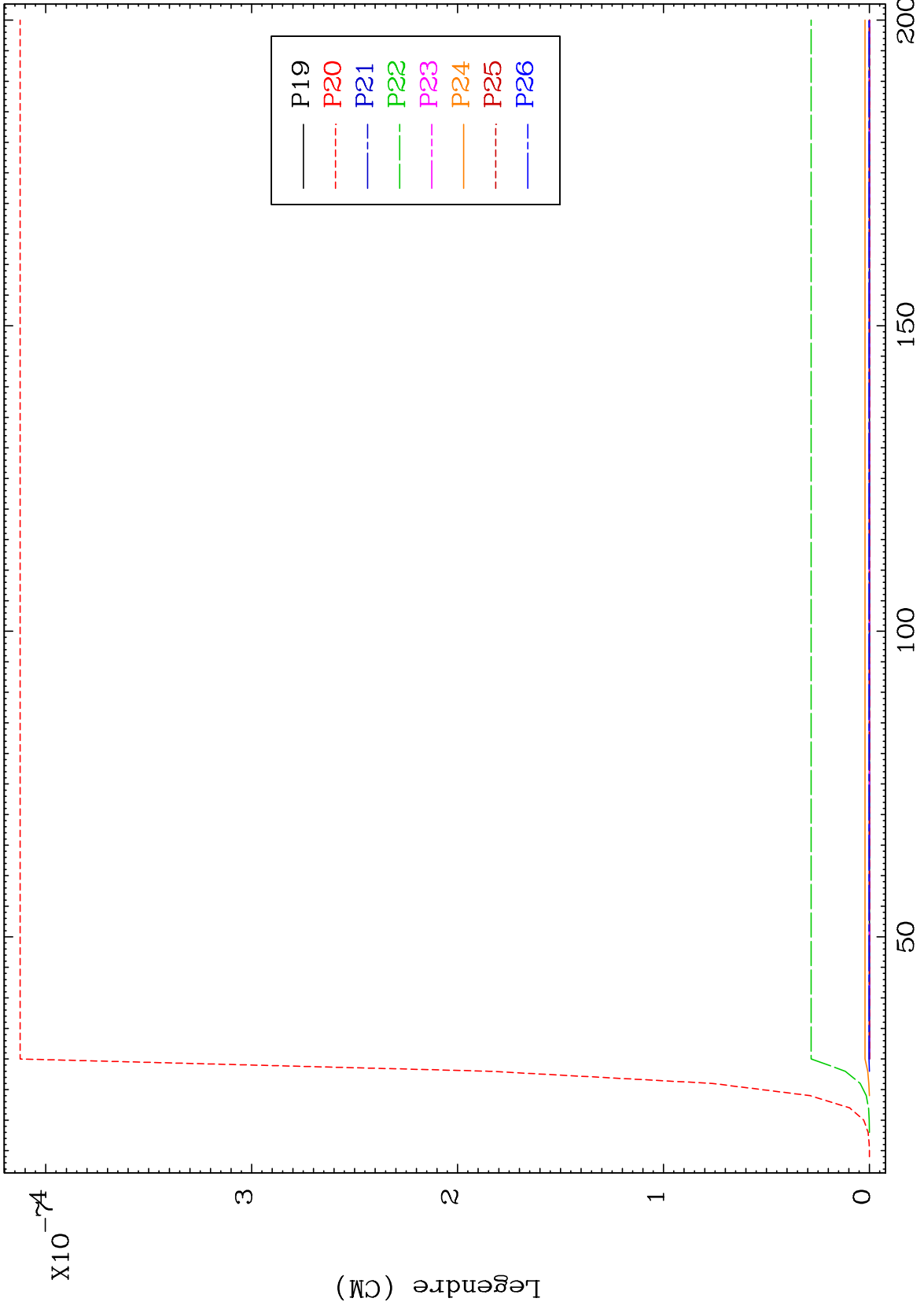


82

Incident Energy (MeV)

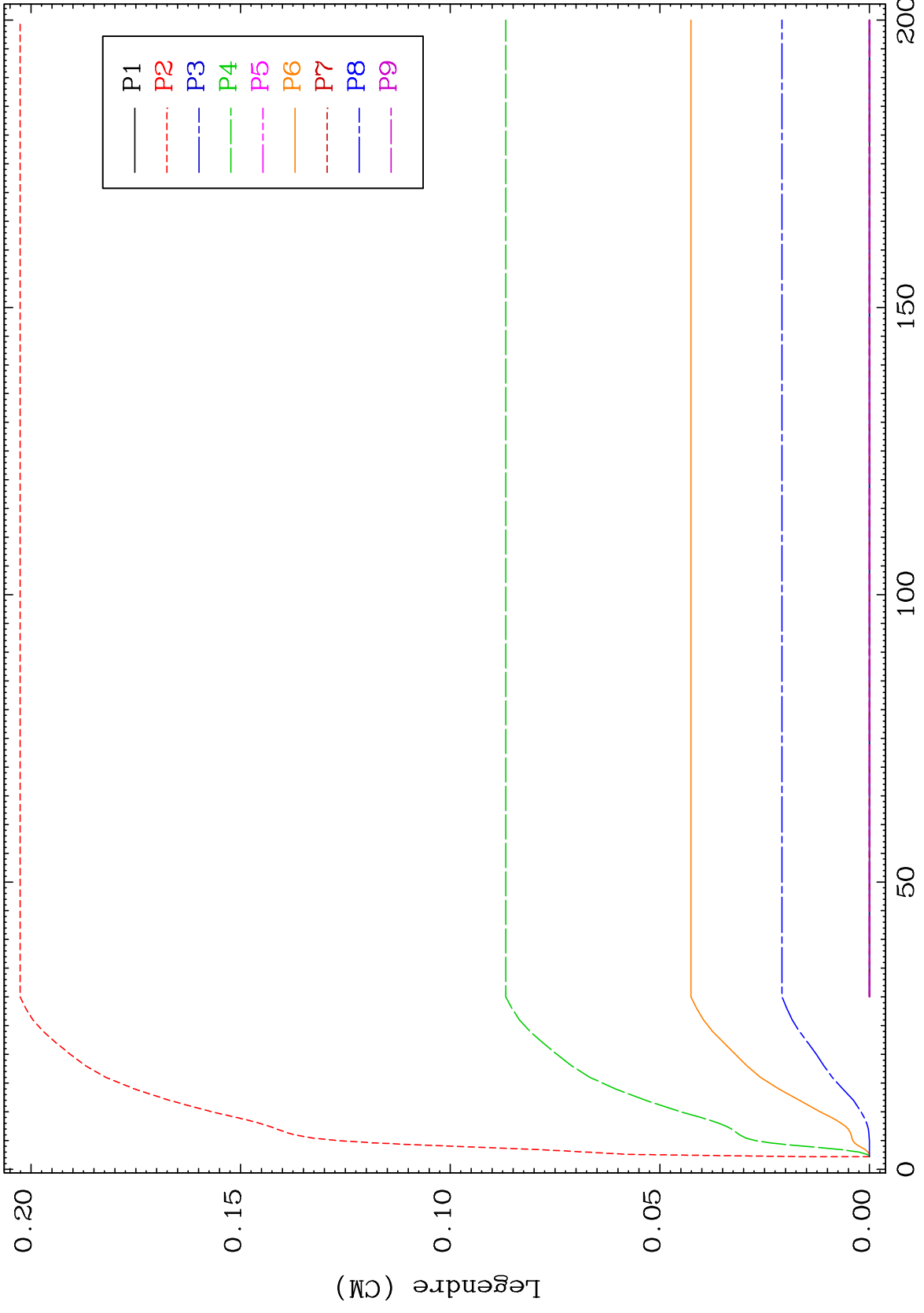
34-Se-81

MAT 3446 MT= 70 (n,n') Level Legendre Coefficients 34-Se-81



83 Incident Energy (MeV) 34-Se-81

MAT 3446 MT= 71 (n,n') Level Legendre Coefficients 34-Se-81

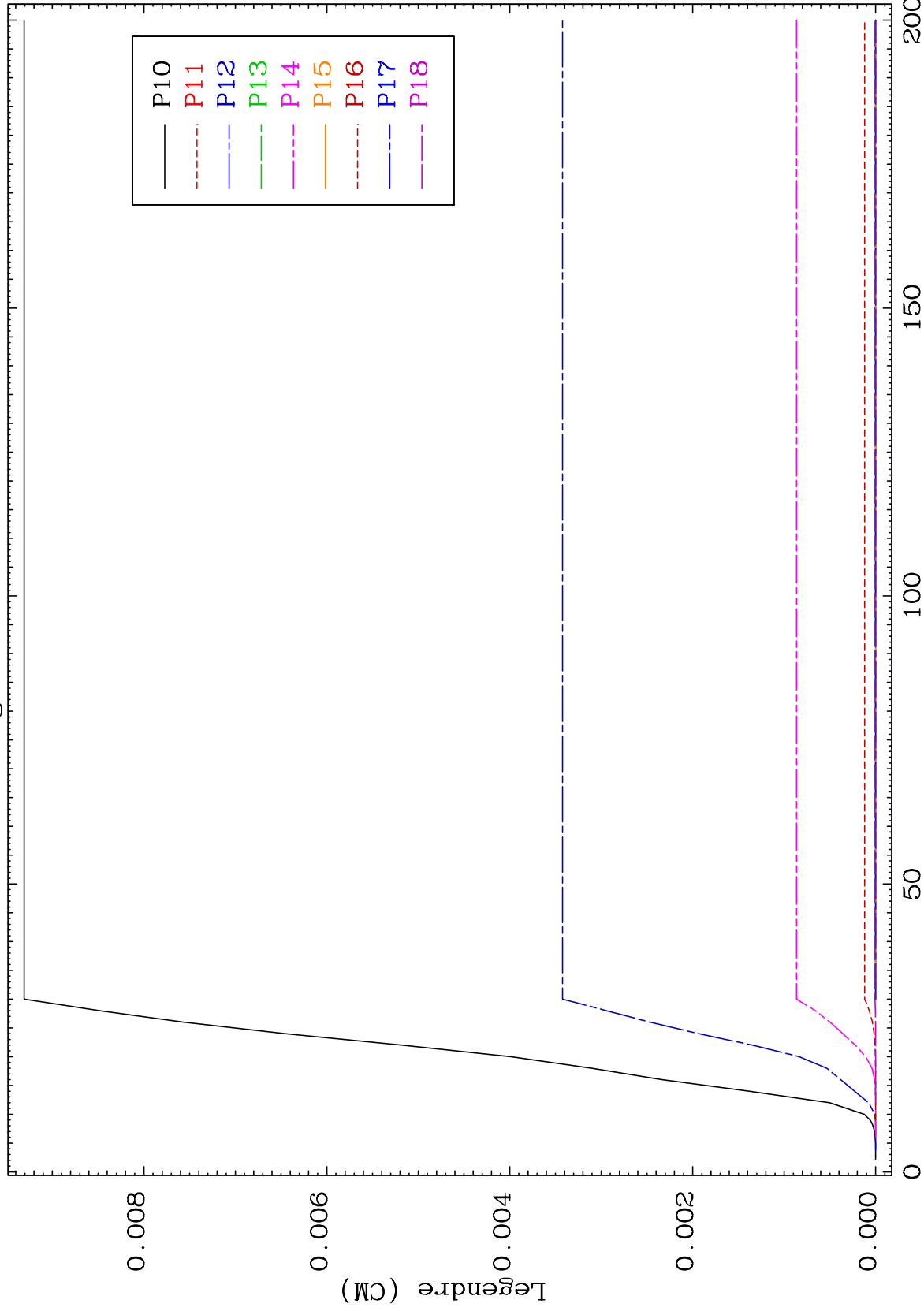


84 34-Se-81

MAT 3446

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

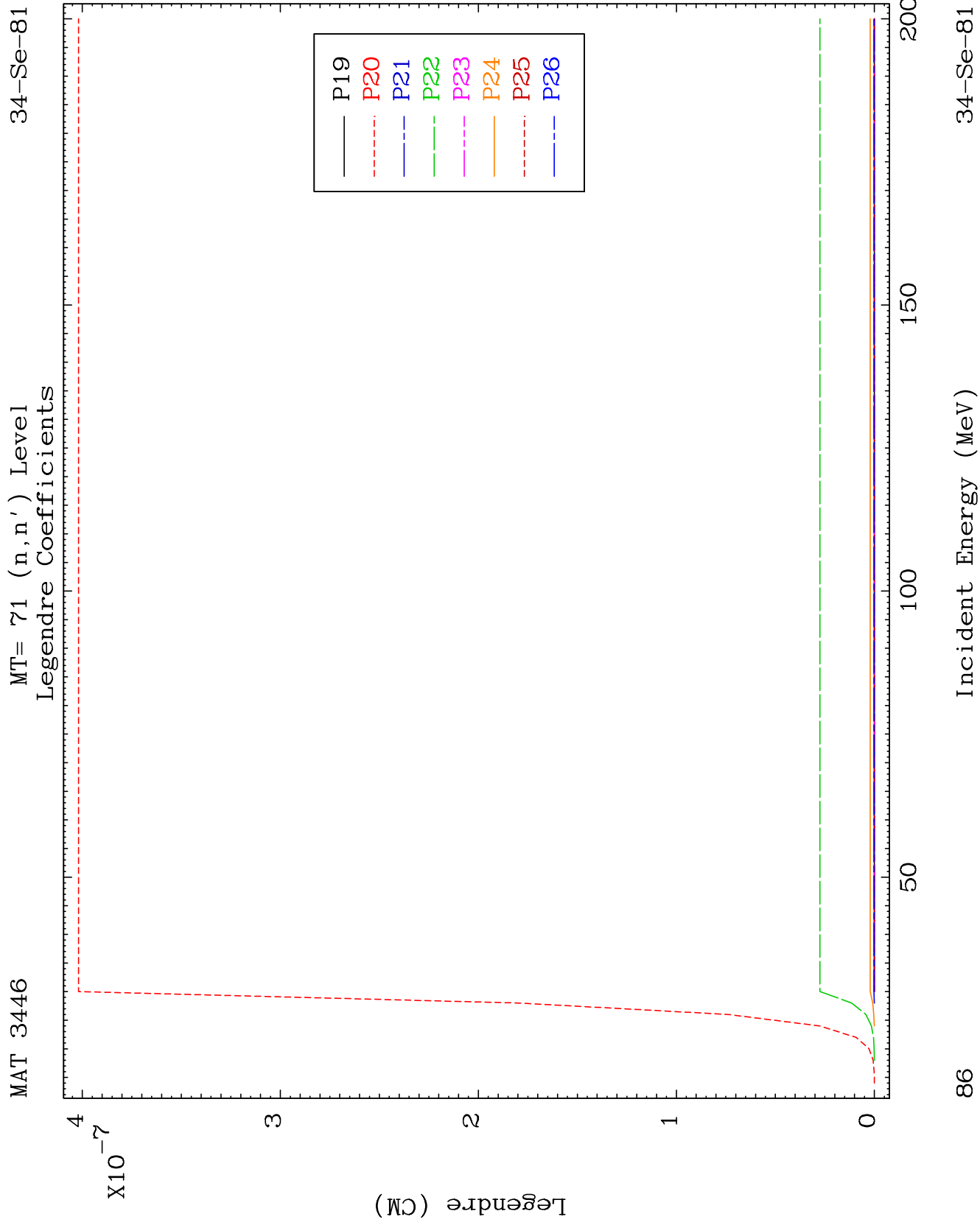
34-Se-81



85

Incident Energy (MeV)

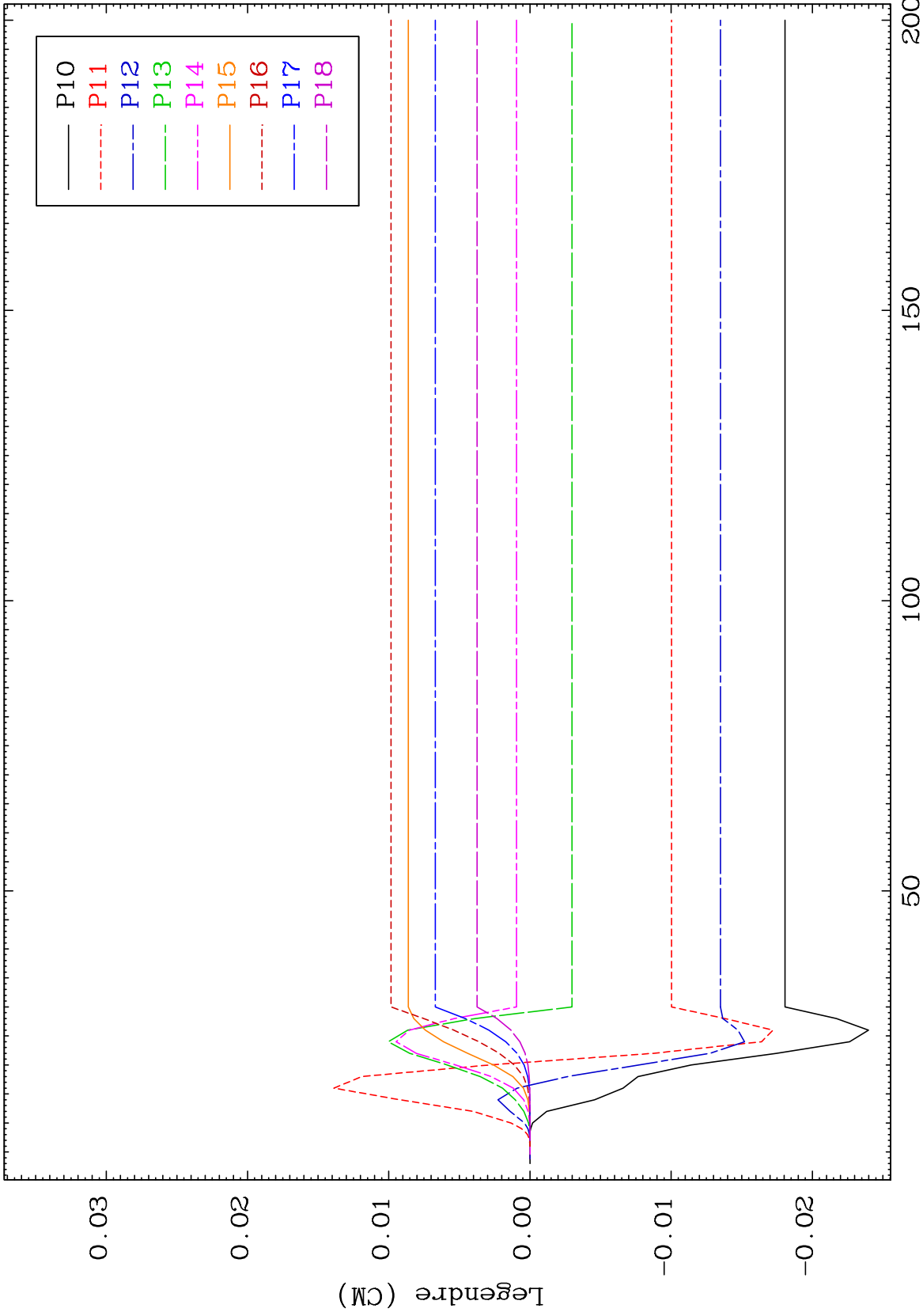
34-Se-81



MAT 3446

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

34-Se-81



88

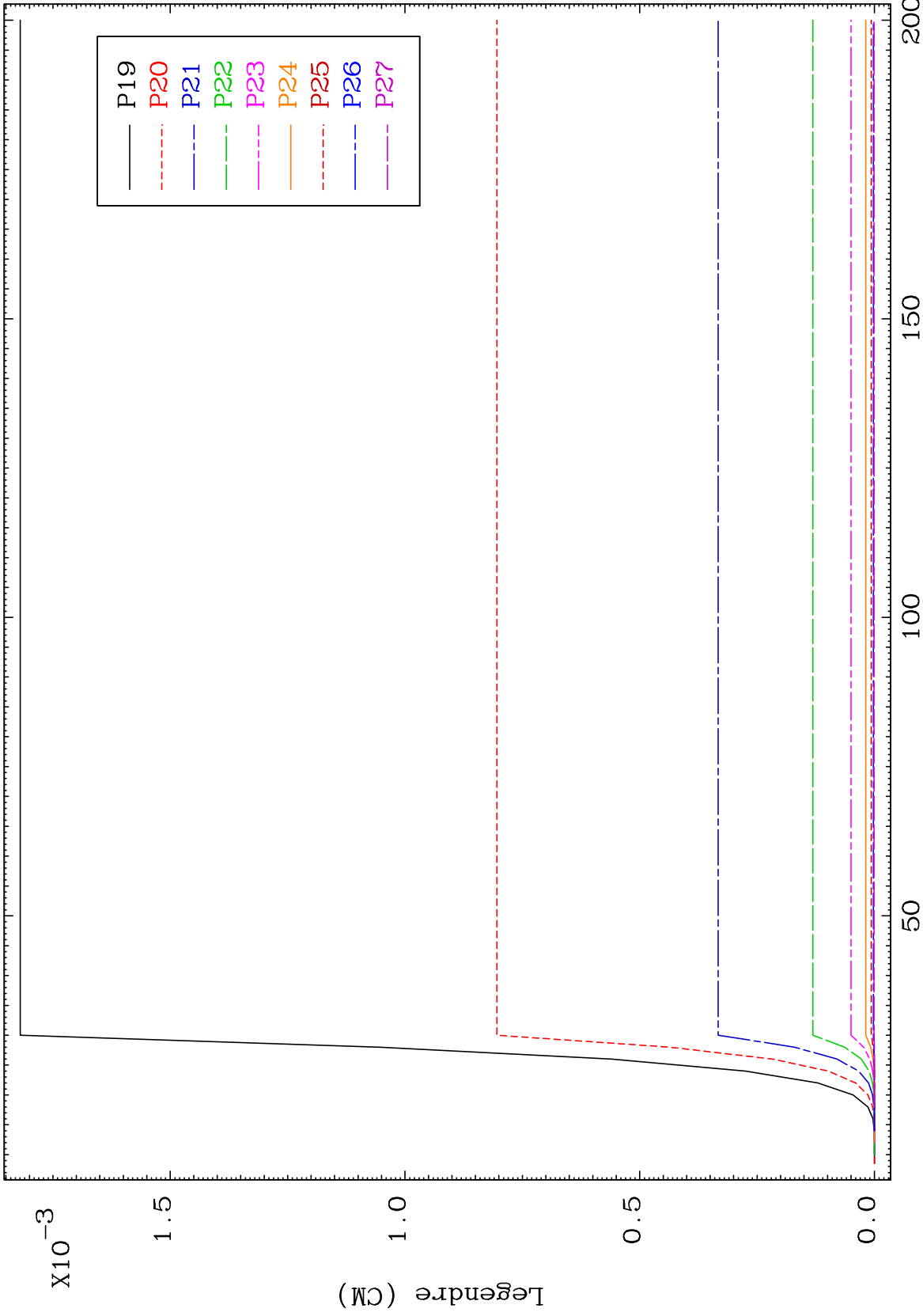
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



89

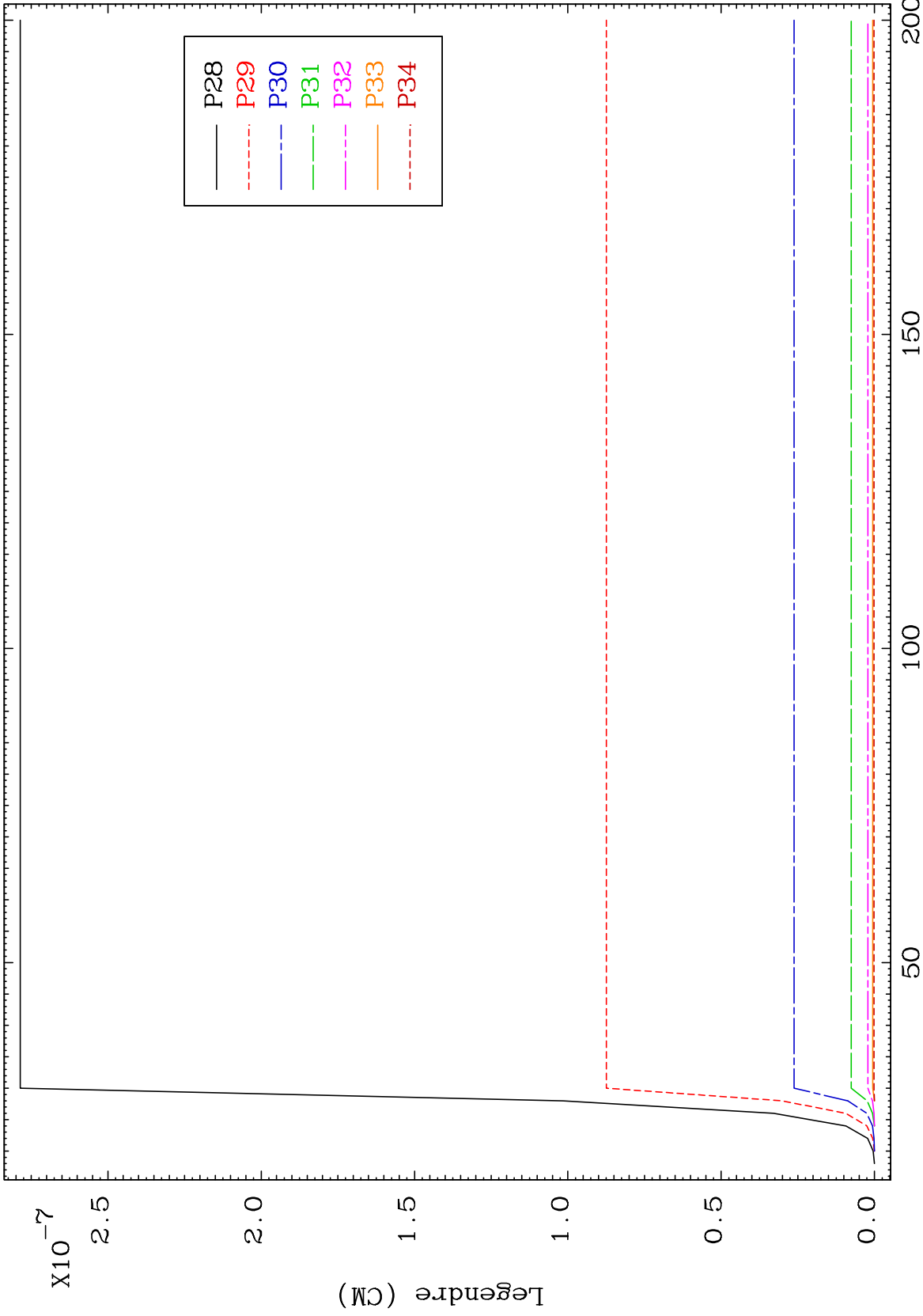
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



90

Incident Energy (MeV)

50

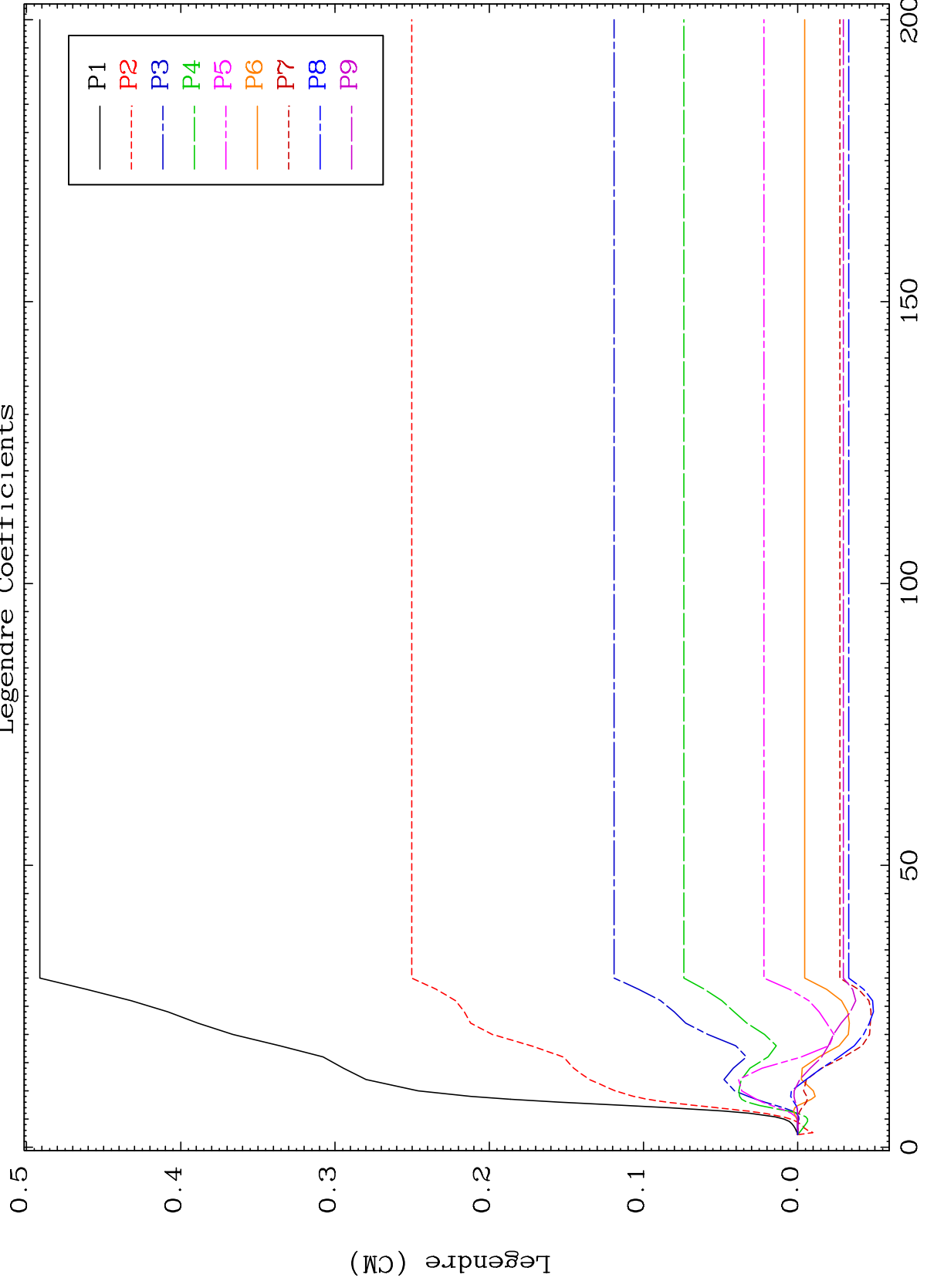
100

150

200

34-Se-81

MAT 3446 MT= 73 (n,n') Level Legendre Coefficients 34-Se-81

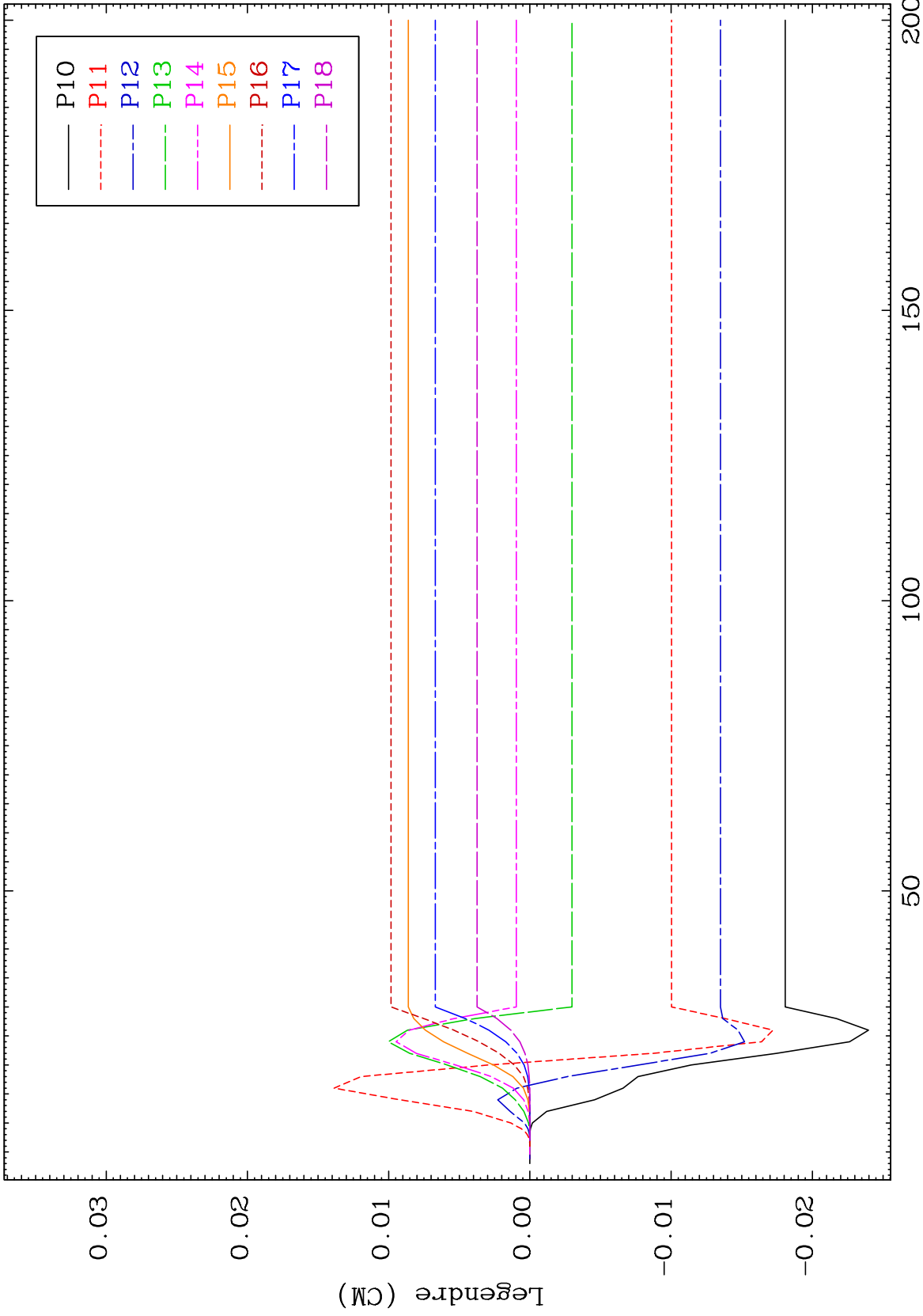


91 34-Se-81

MAT 3446

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

34-Se-81



92

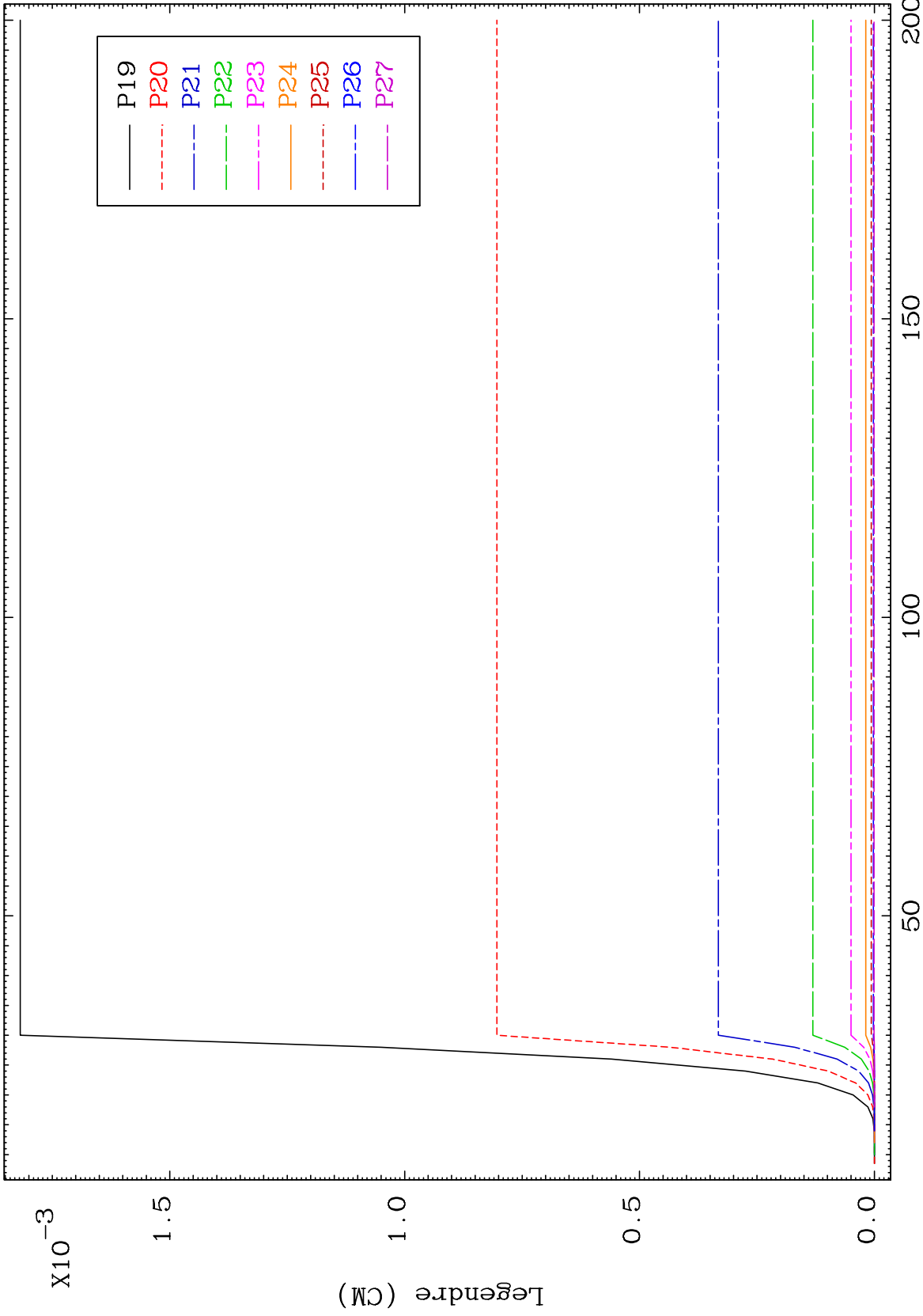
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



93

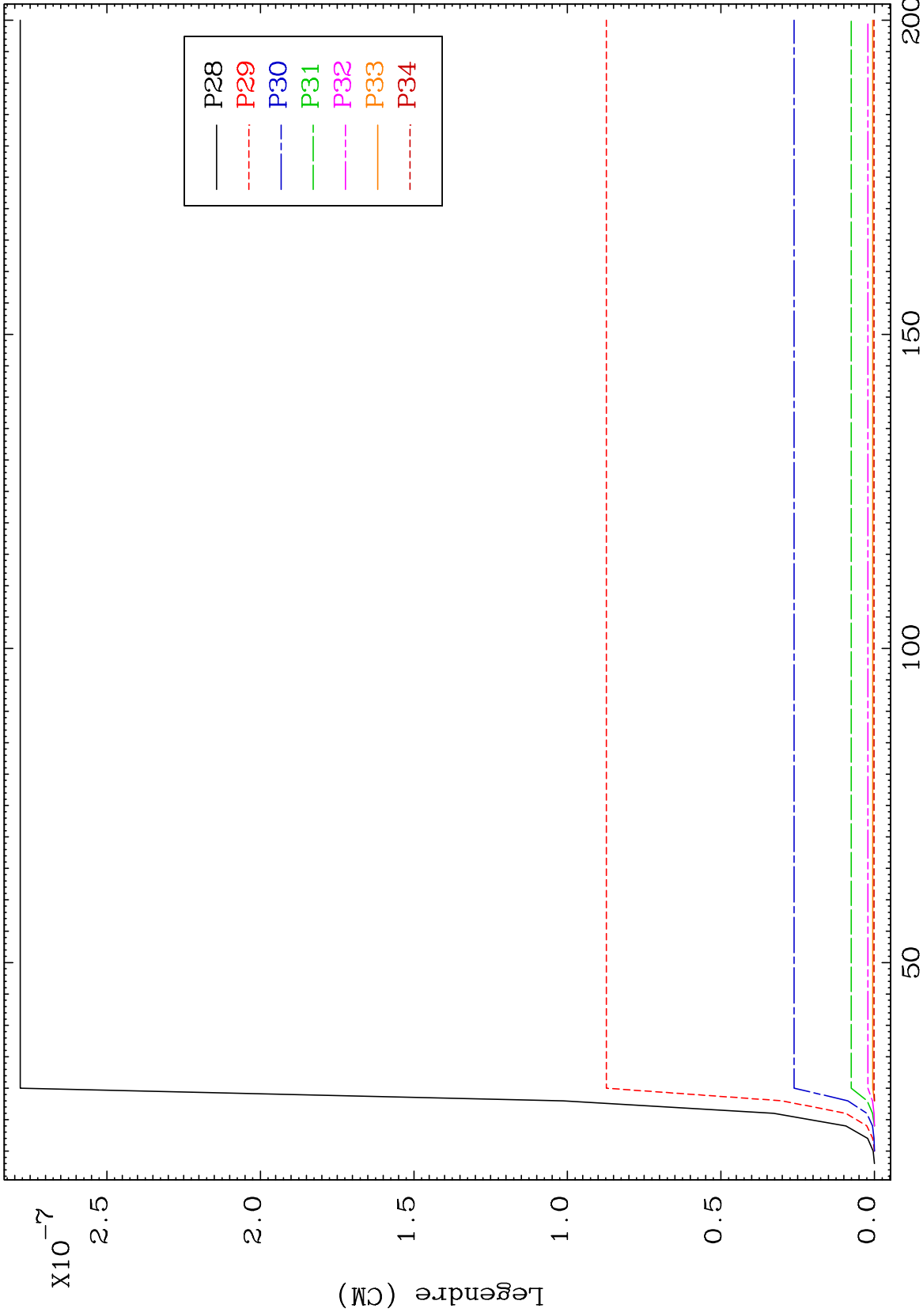
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81

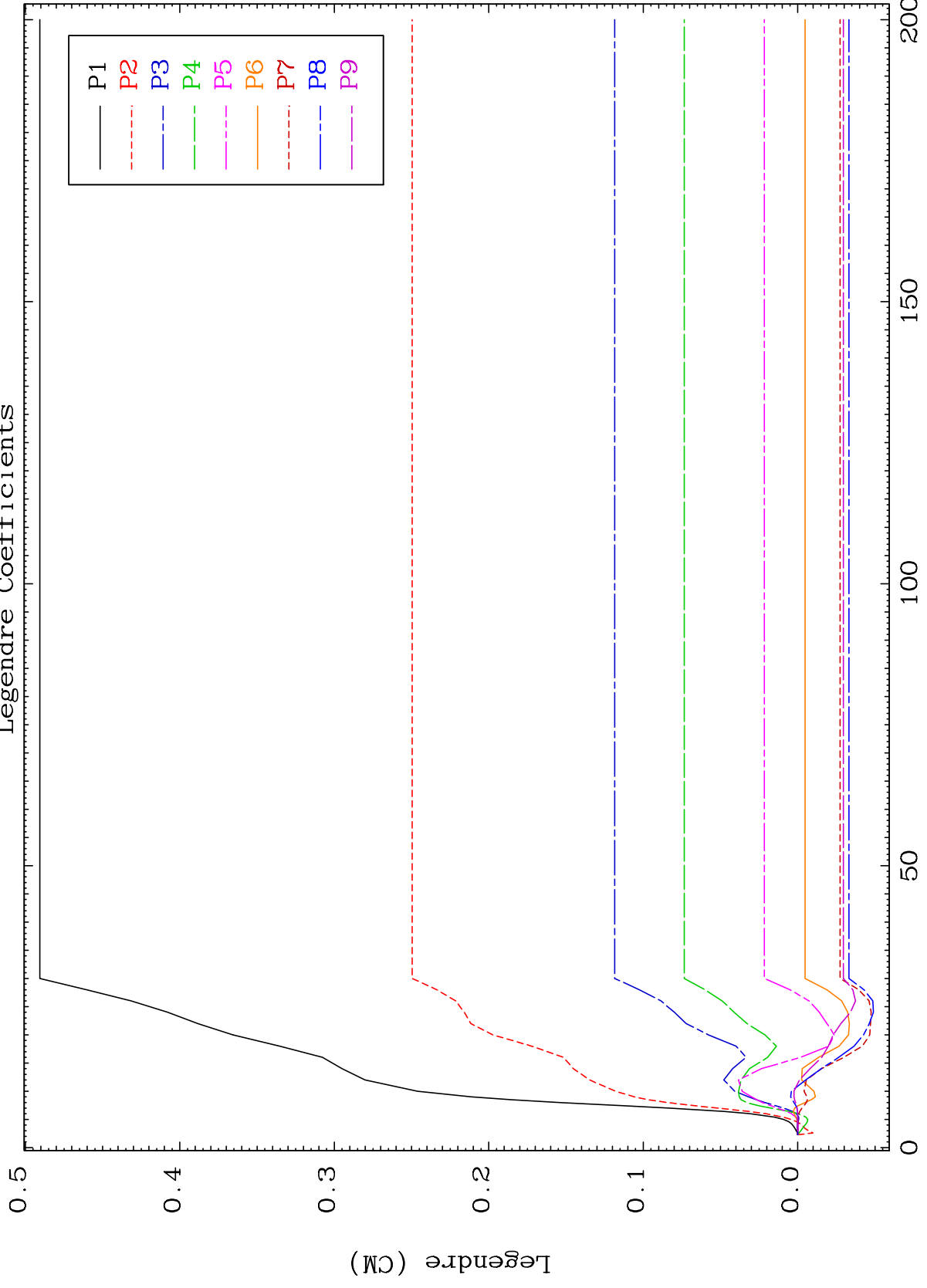


94

Incident Energy (MeV)

34-Se-81

MAT 3446 MT= 74 (n,n') Level Legendre Coefficients 34-Se-81

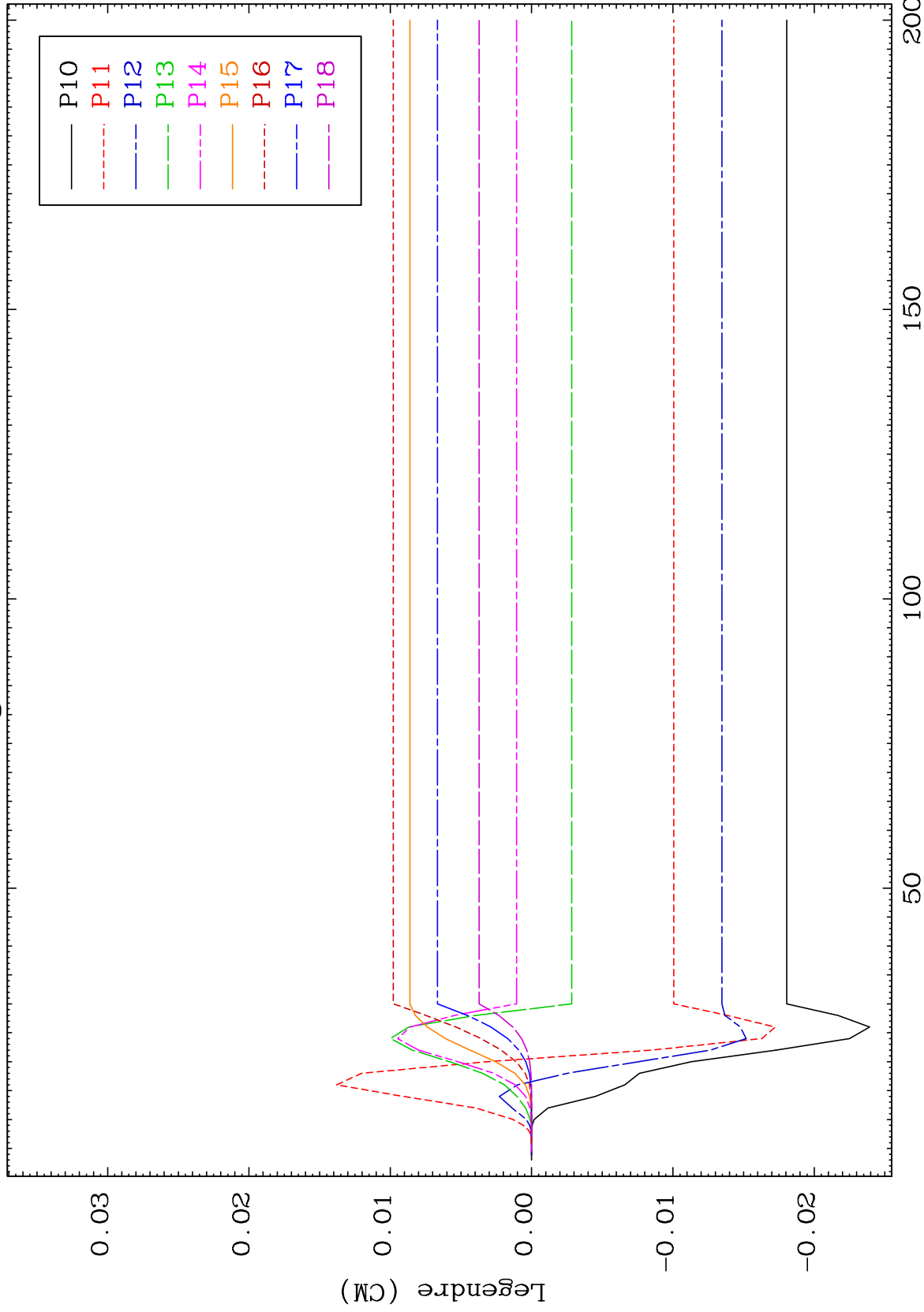


95 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81



96

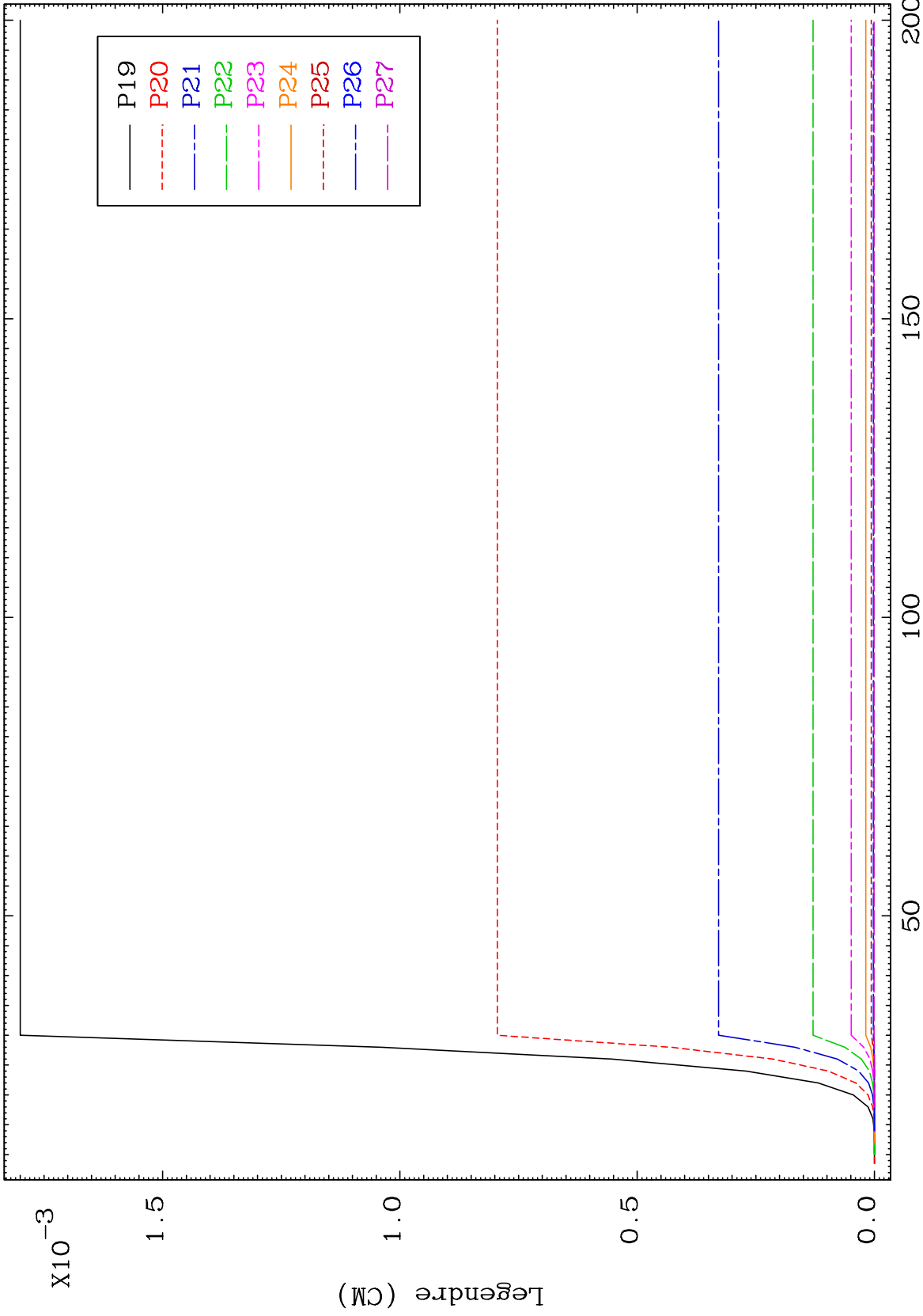
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



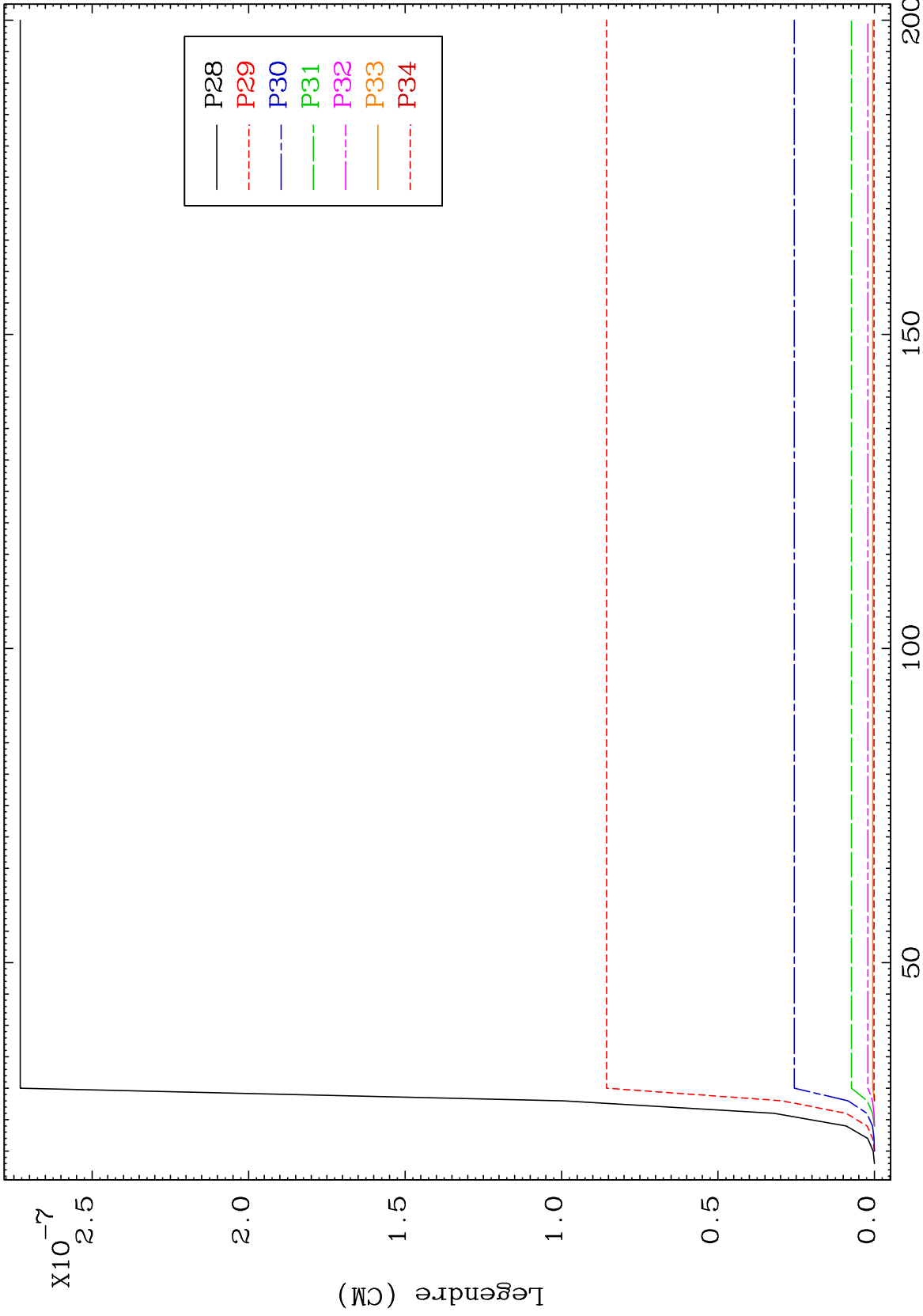
97

34-Se-81

MAT 3446

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

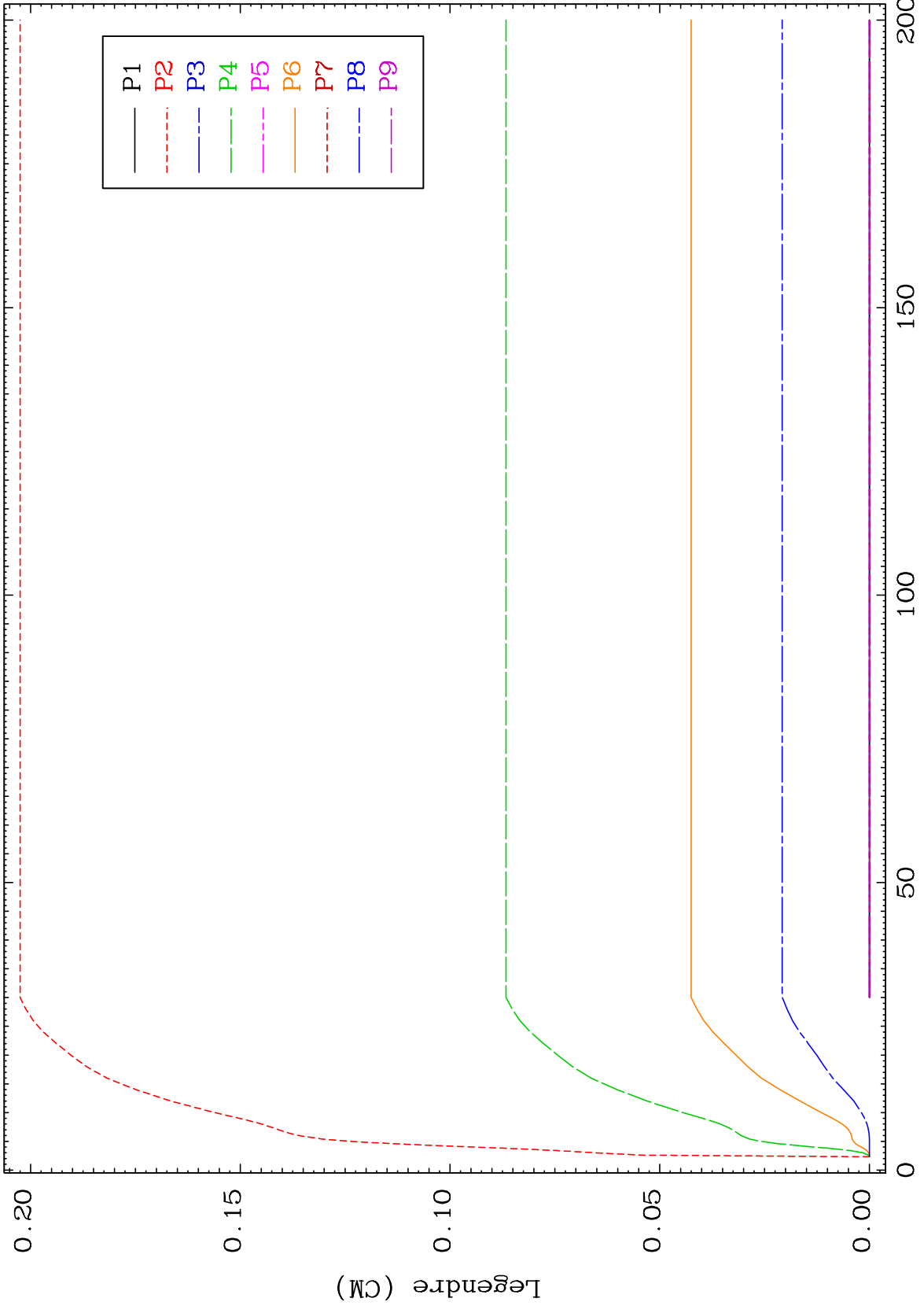
34-Se-81



98

34-Se-81

MAT 3446 MT= 75 (n,n') Level Legendre Coefficients 34-Se-81

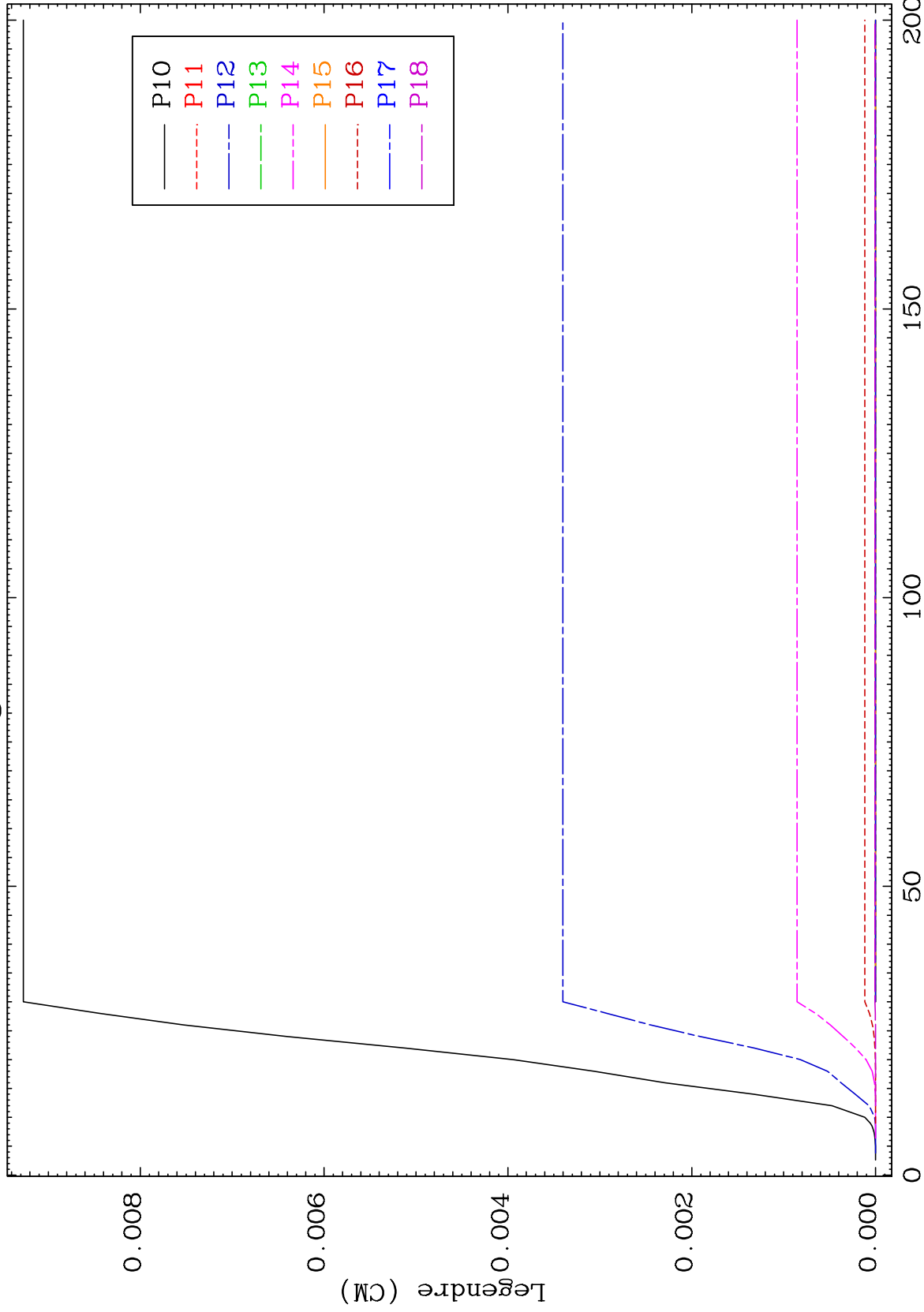


99 Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81

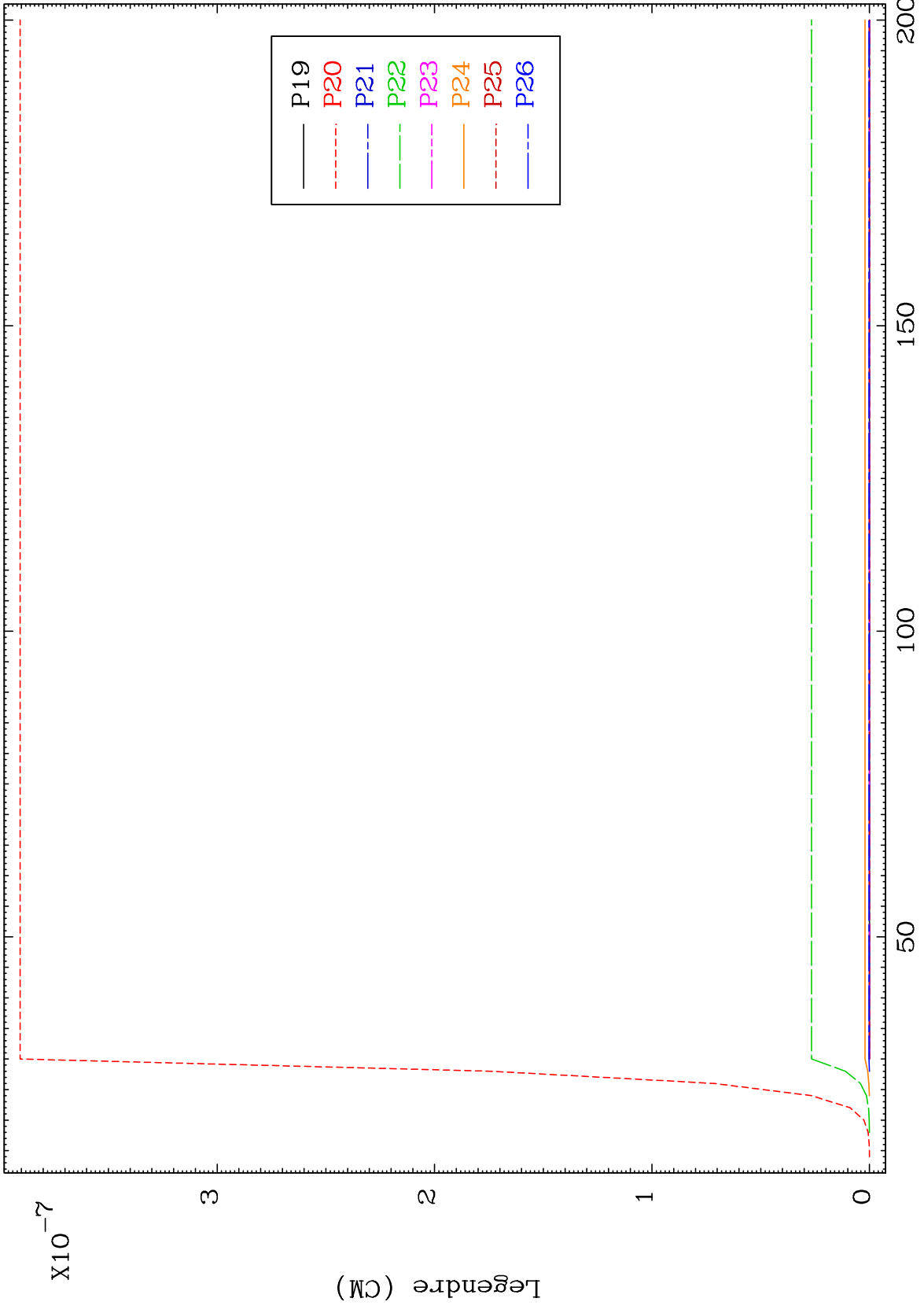


34-Se-81

Incident Energy (MeV)

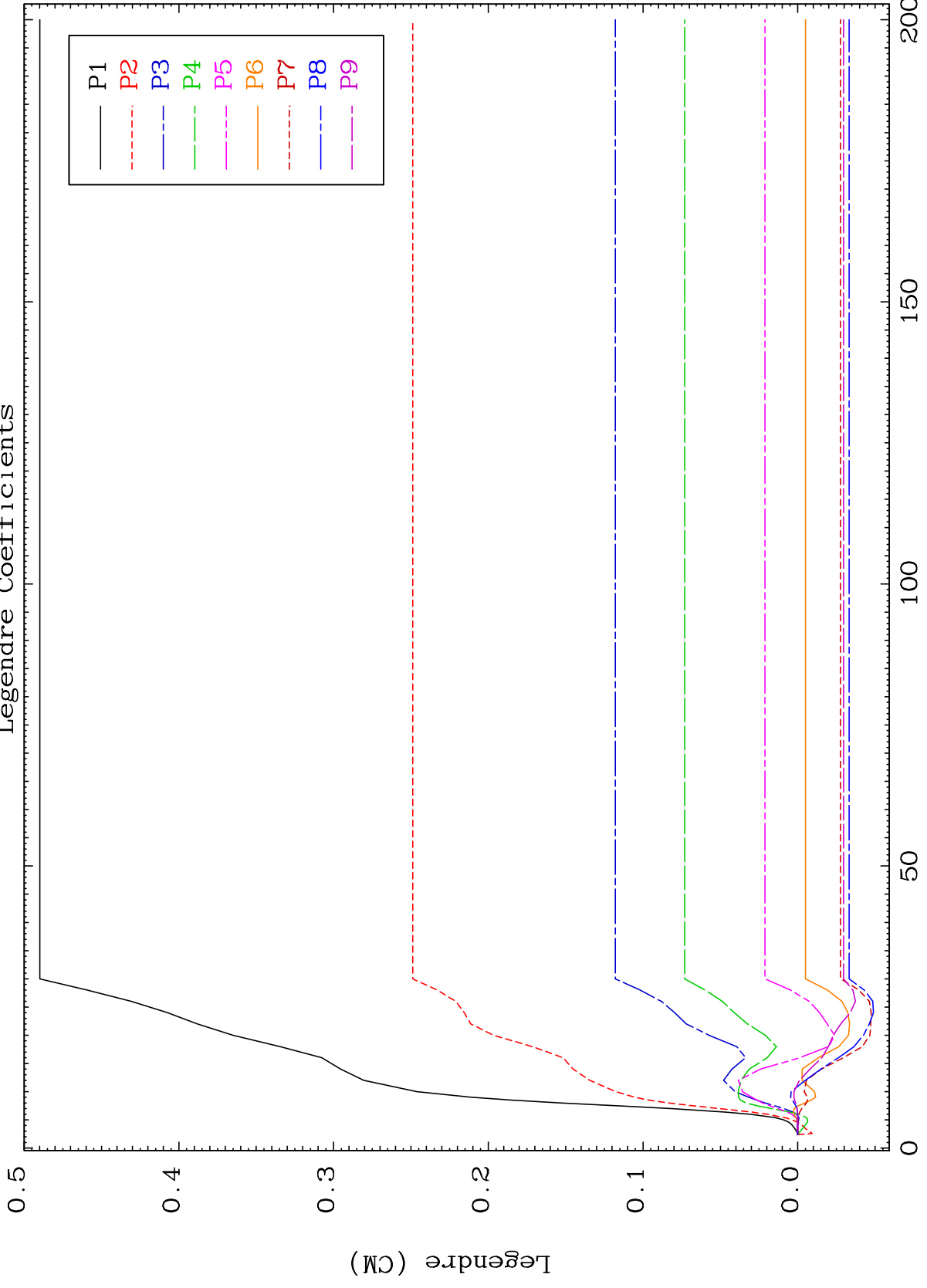
100

MAT 3446 MT= 75 (n,n') Level Legendre Coefficients 34-Se-81



101 50 100 150 200 34-Se-81

MAT 3446 MT= 76 (n,n') Level Legendre Coefficients 34-Se-81

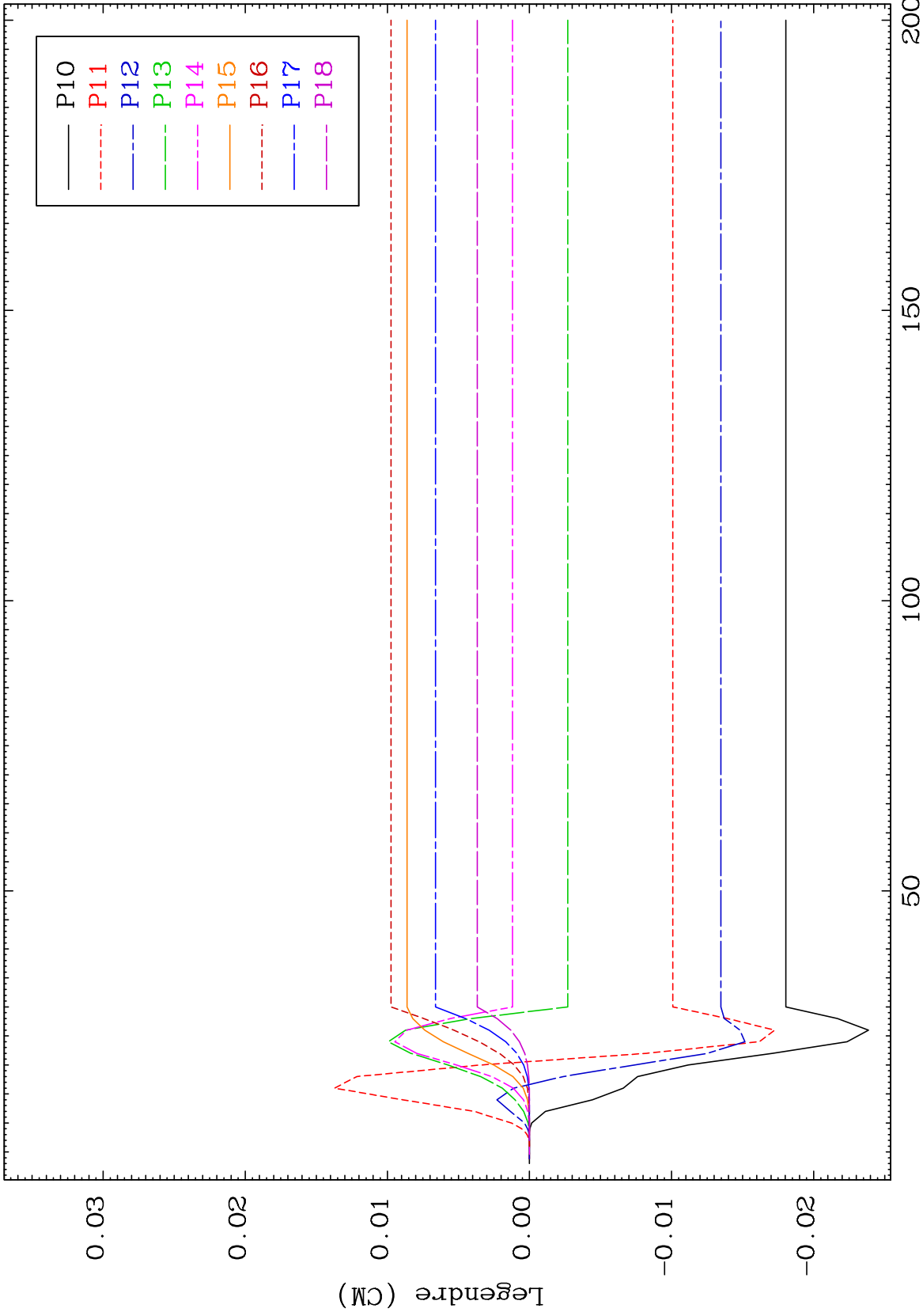


Legendre (CM) Incident Energy (MeV) 34-Se-81

MAT 3446

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

34-Se-81



103

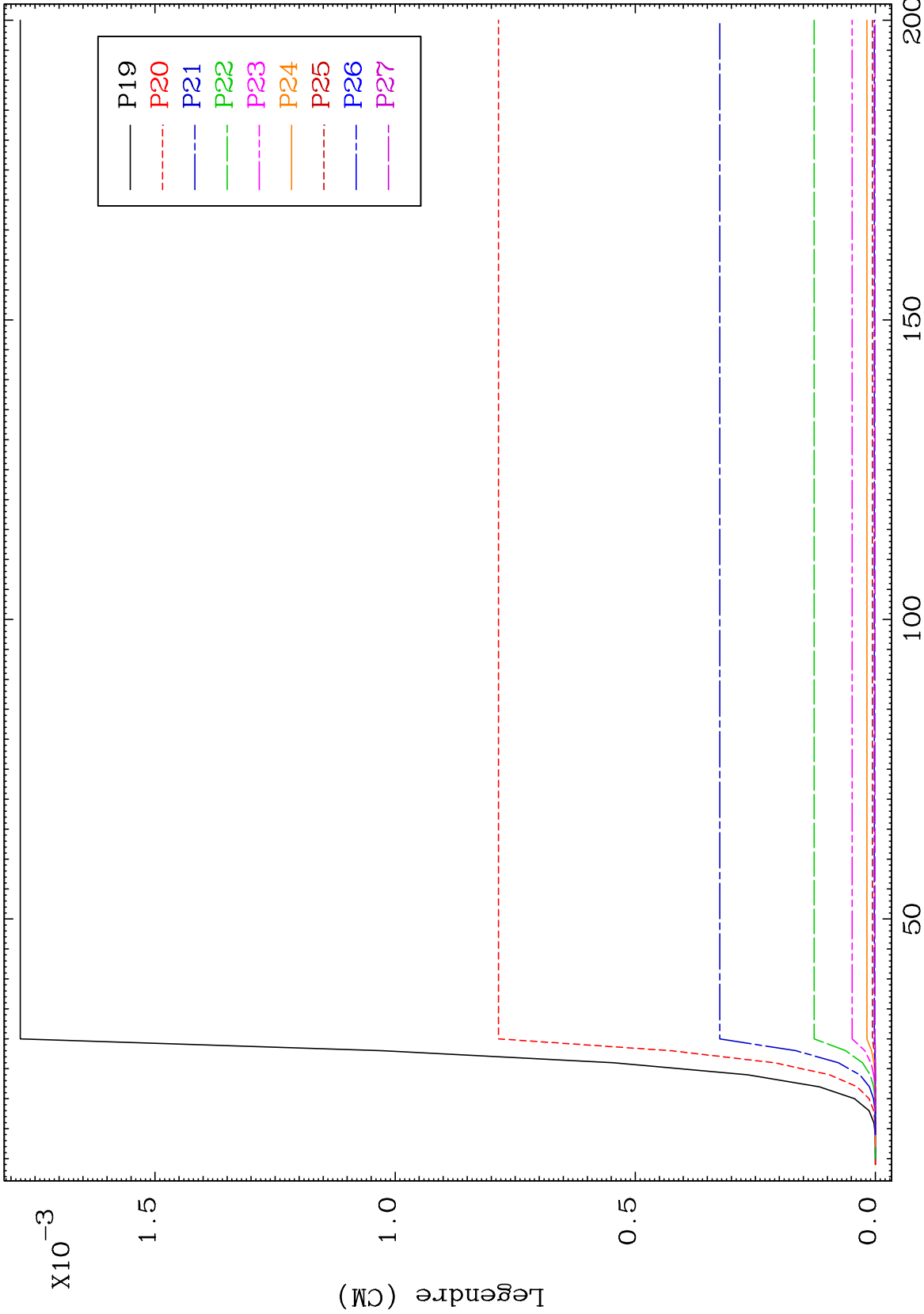
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



104

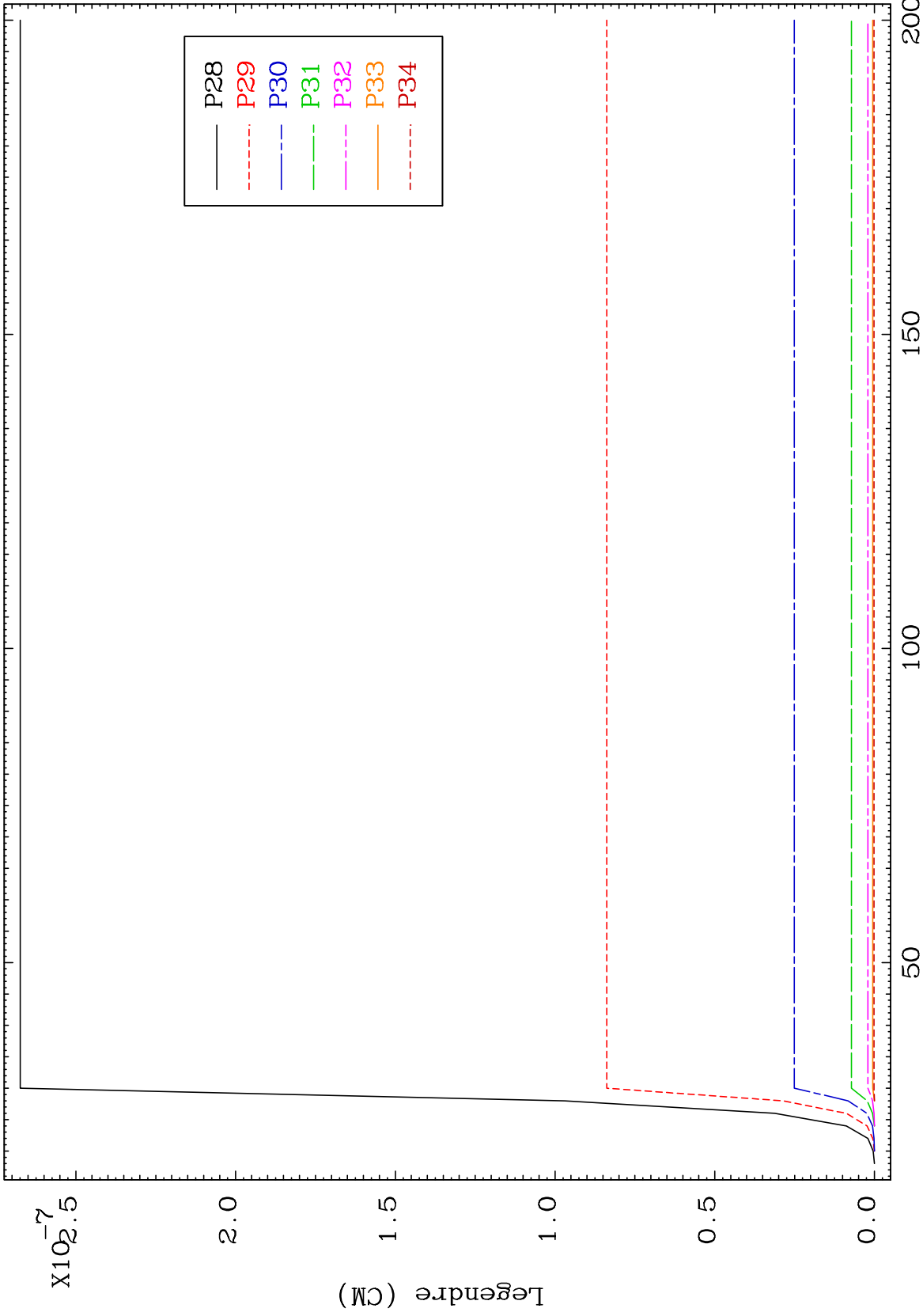
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



105

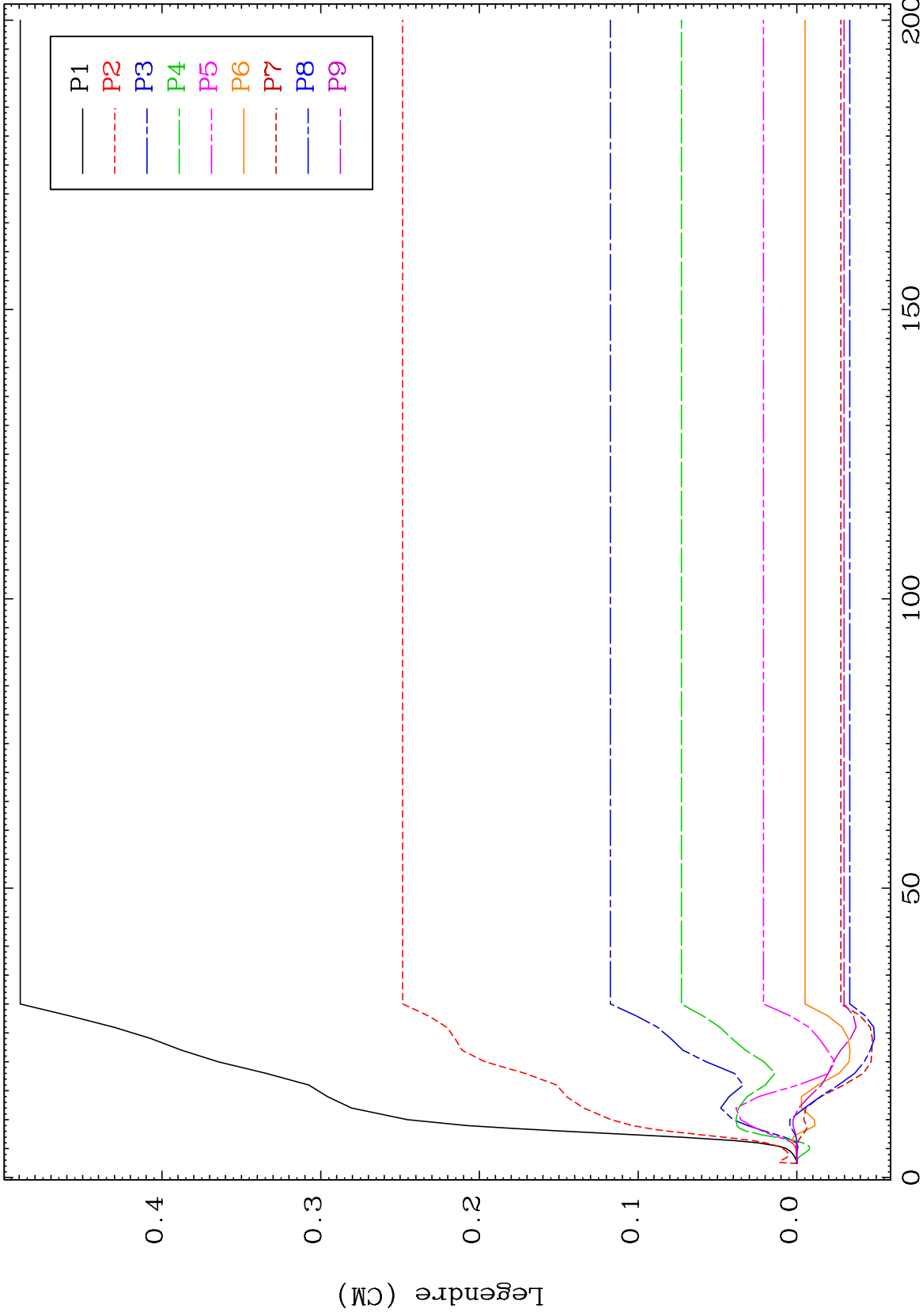
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



106

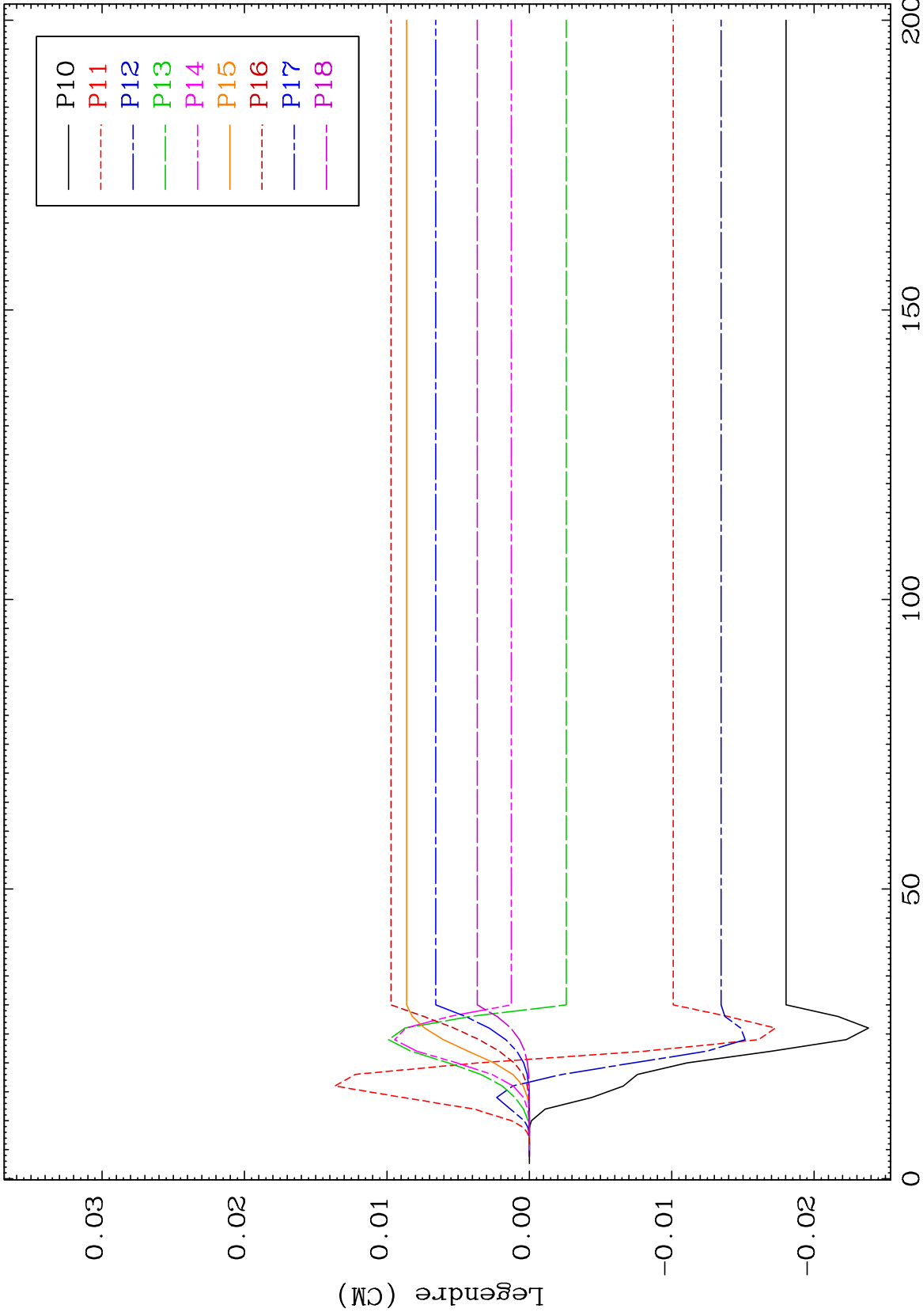
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



107

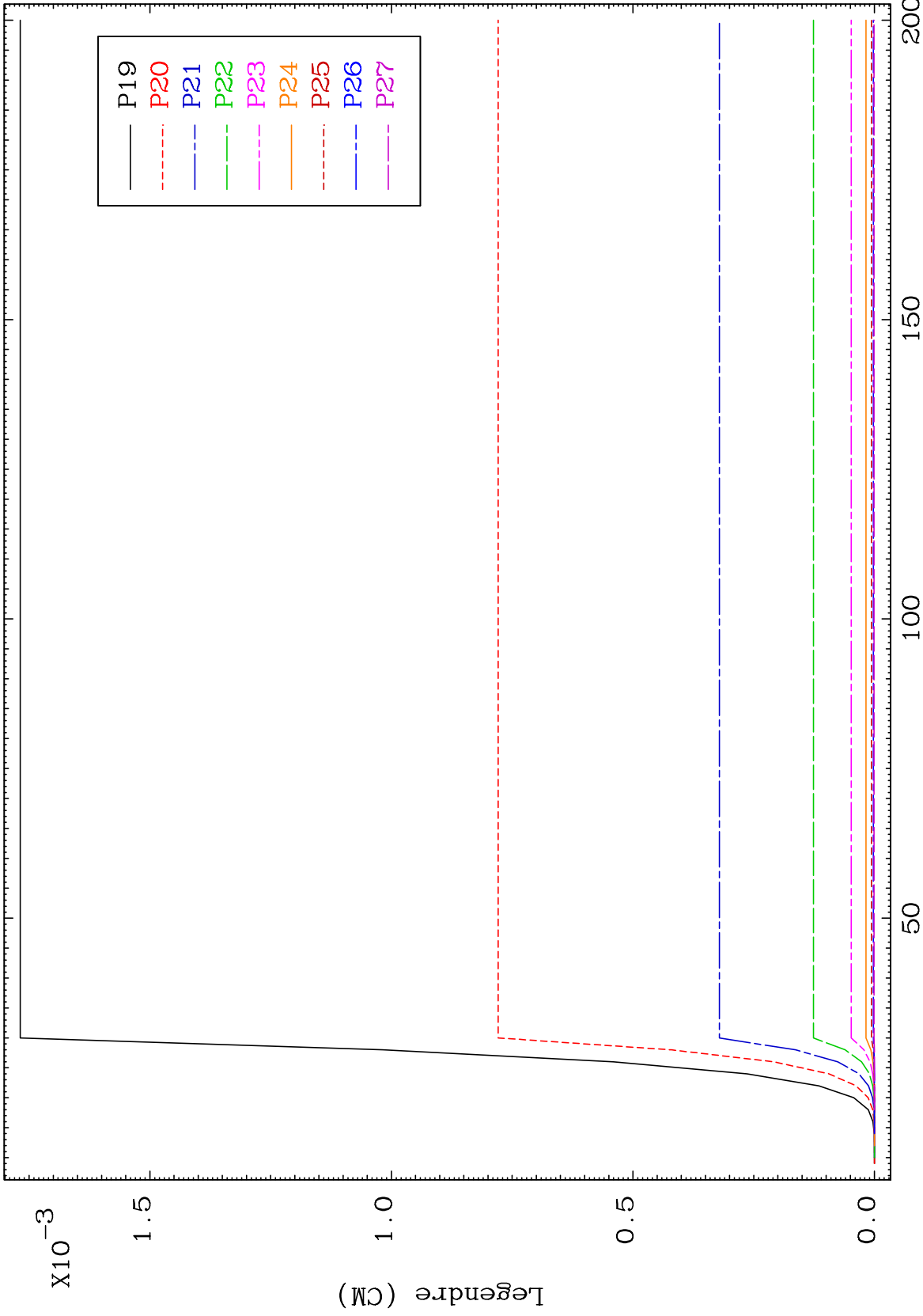
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



108

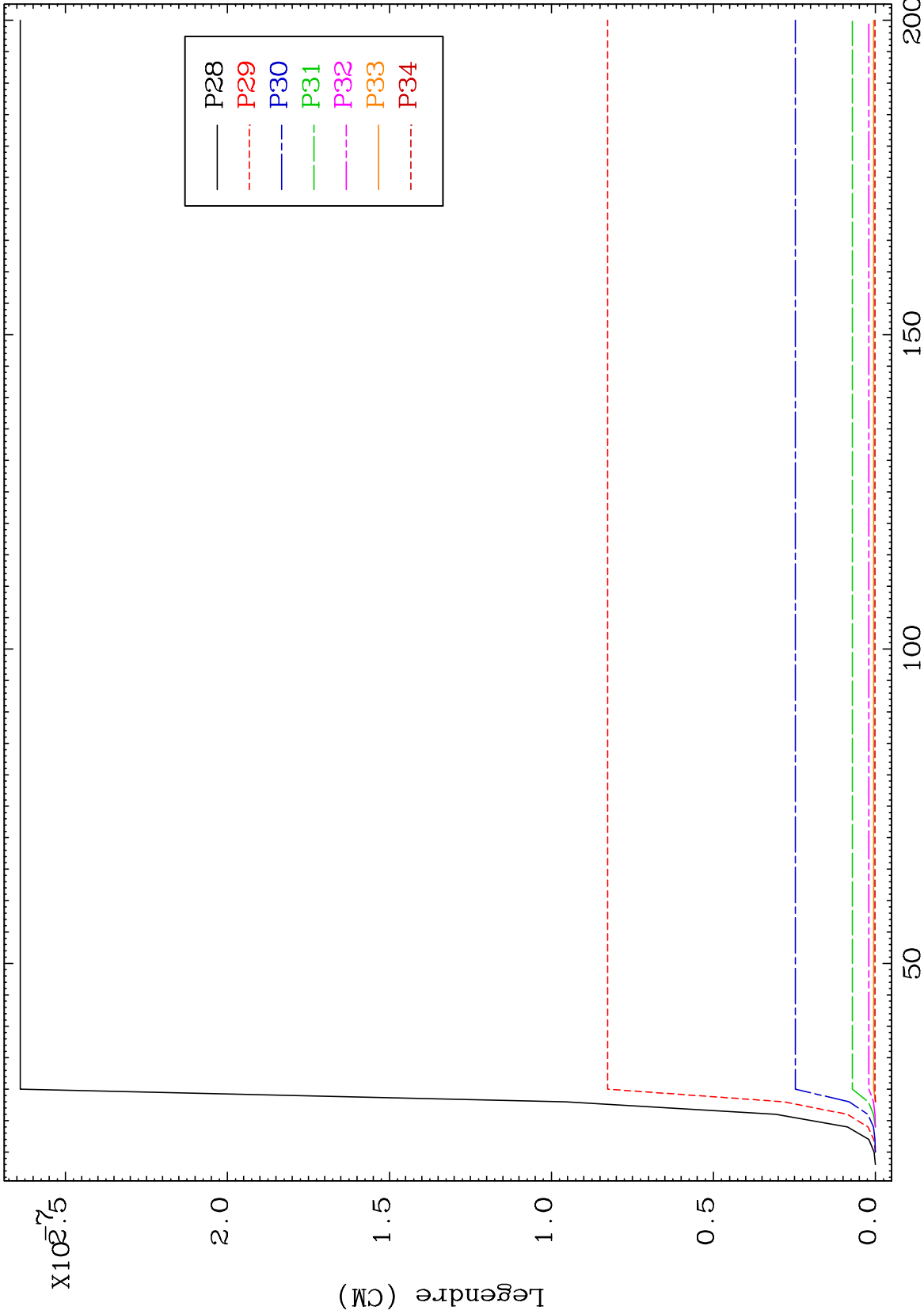
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



109

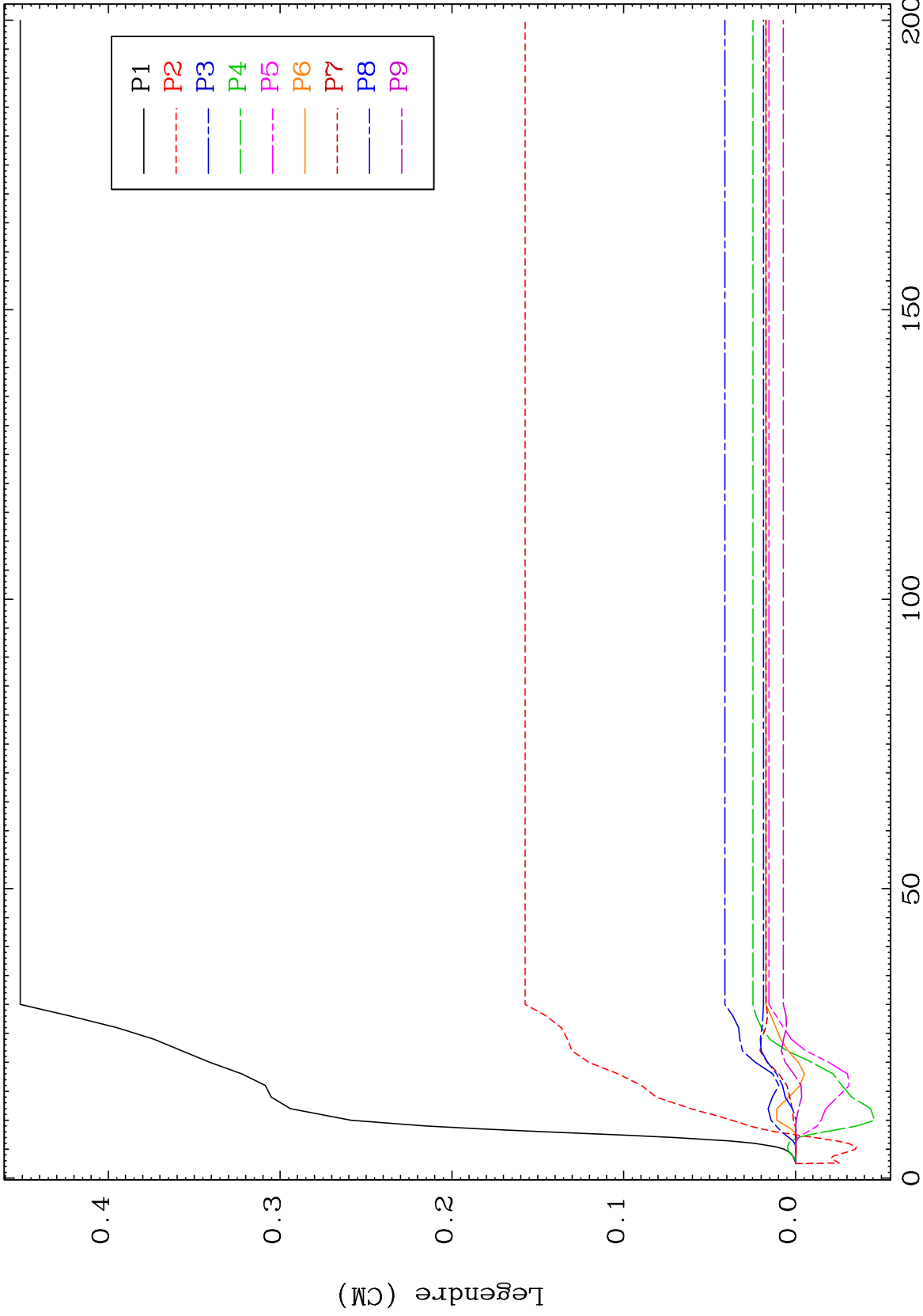
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



34-Se-81

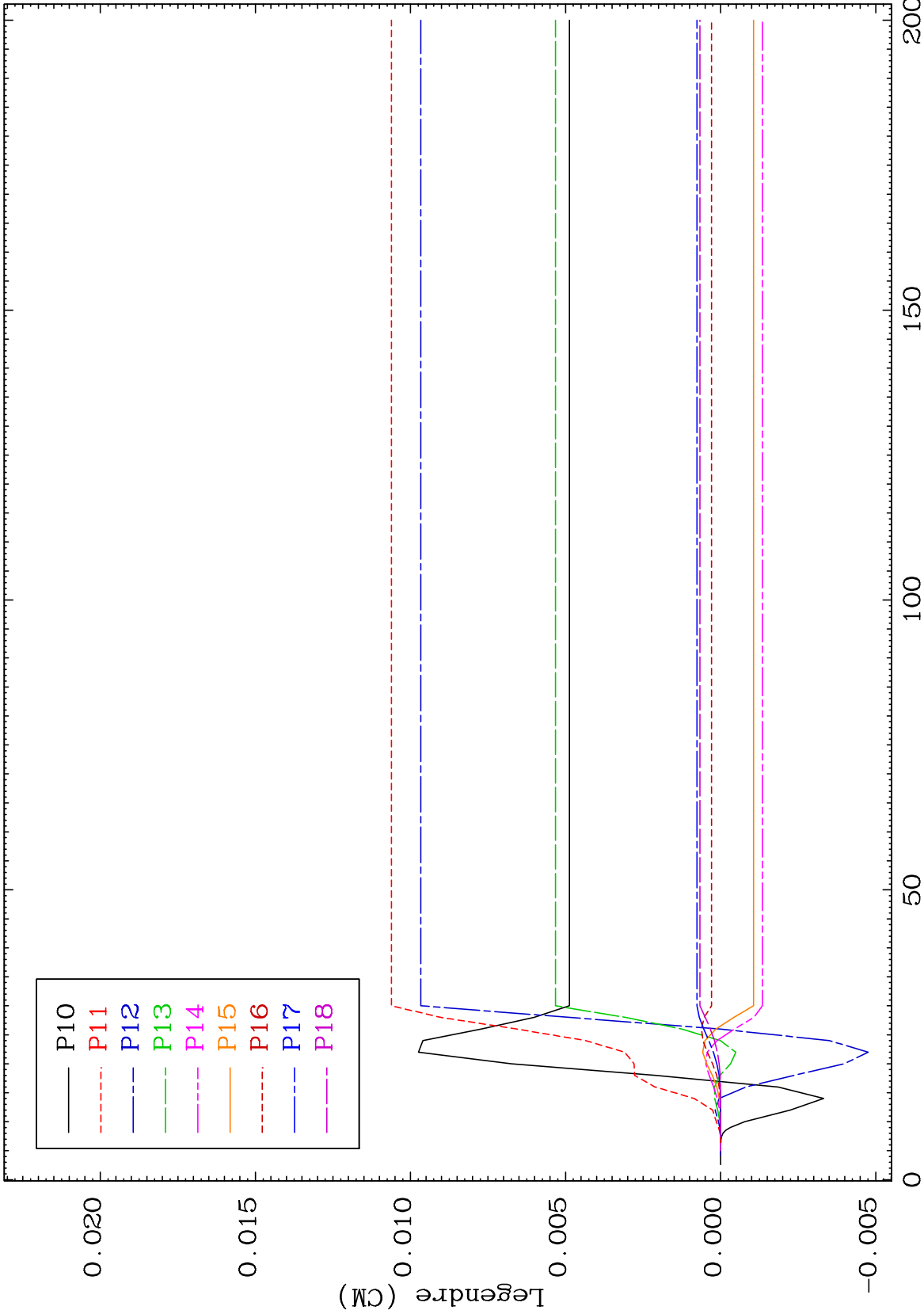
Incident Energy (MeV)

110

MAT 3446

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

34-Se-81



111

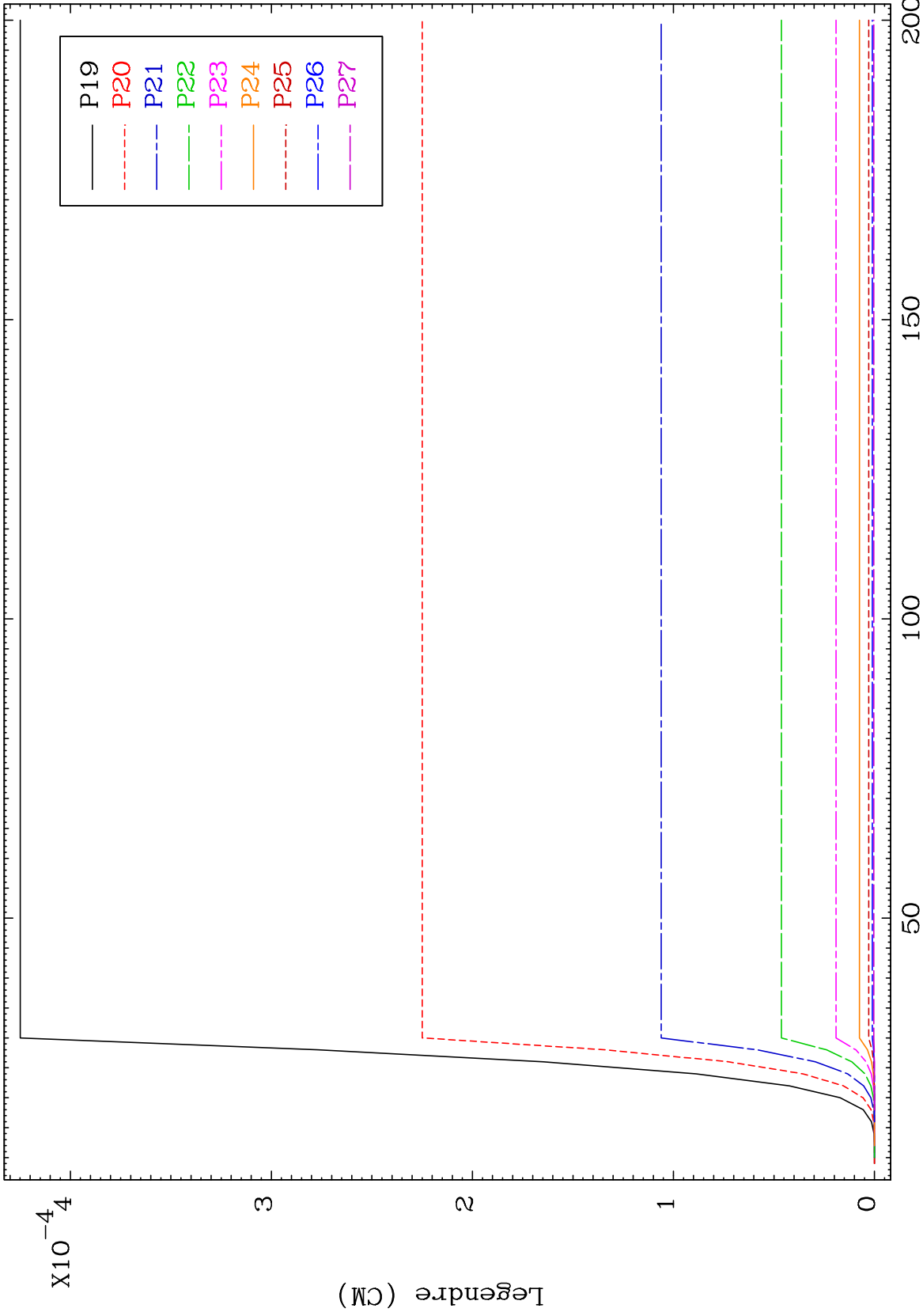
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



112

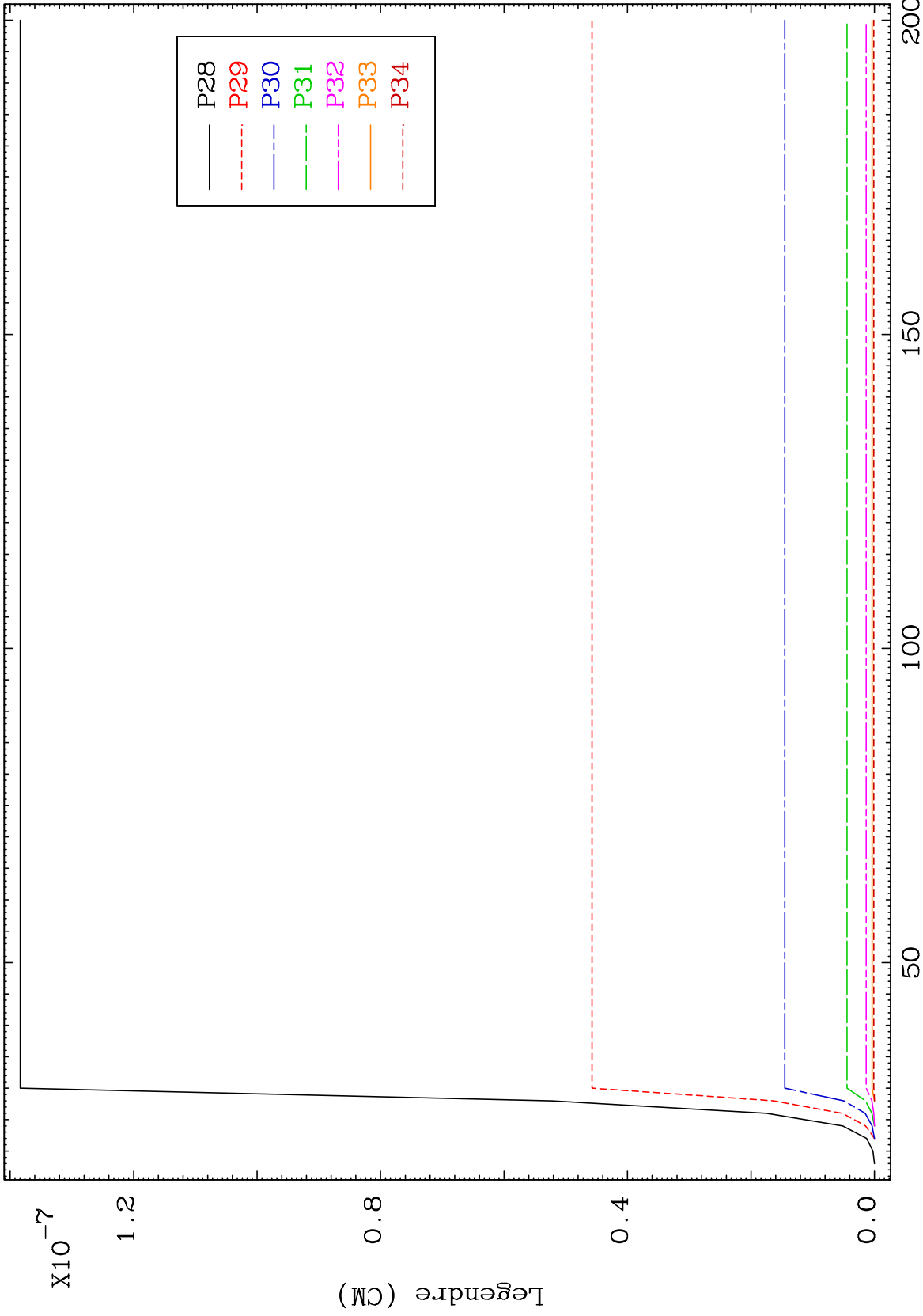
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



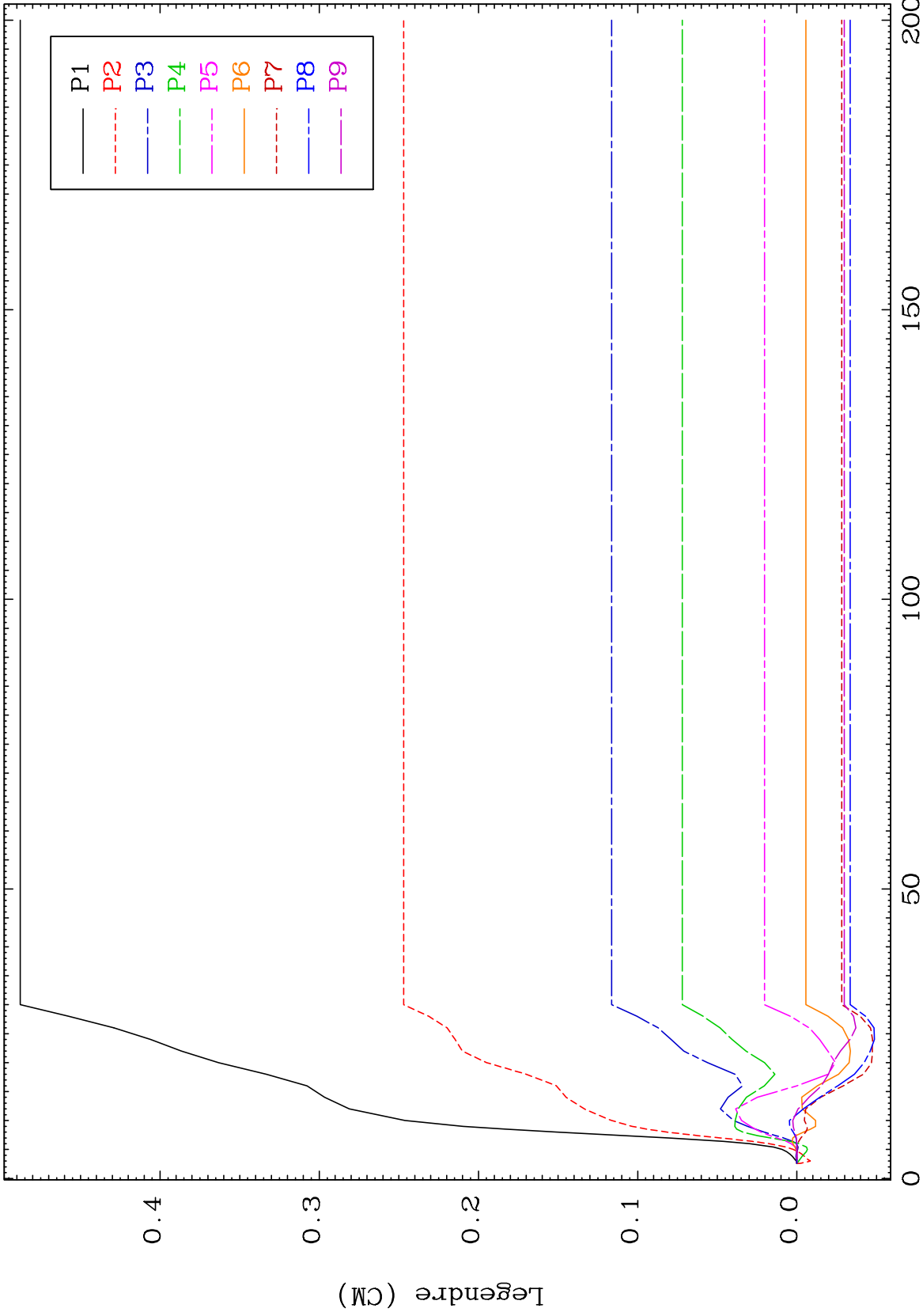
113

34-Se-81

MAT 3446

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

34-Se-81



114

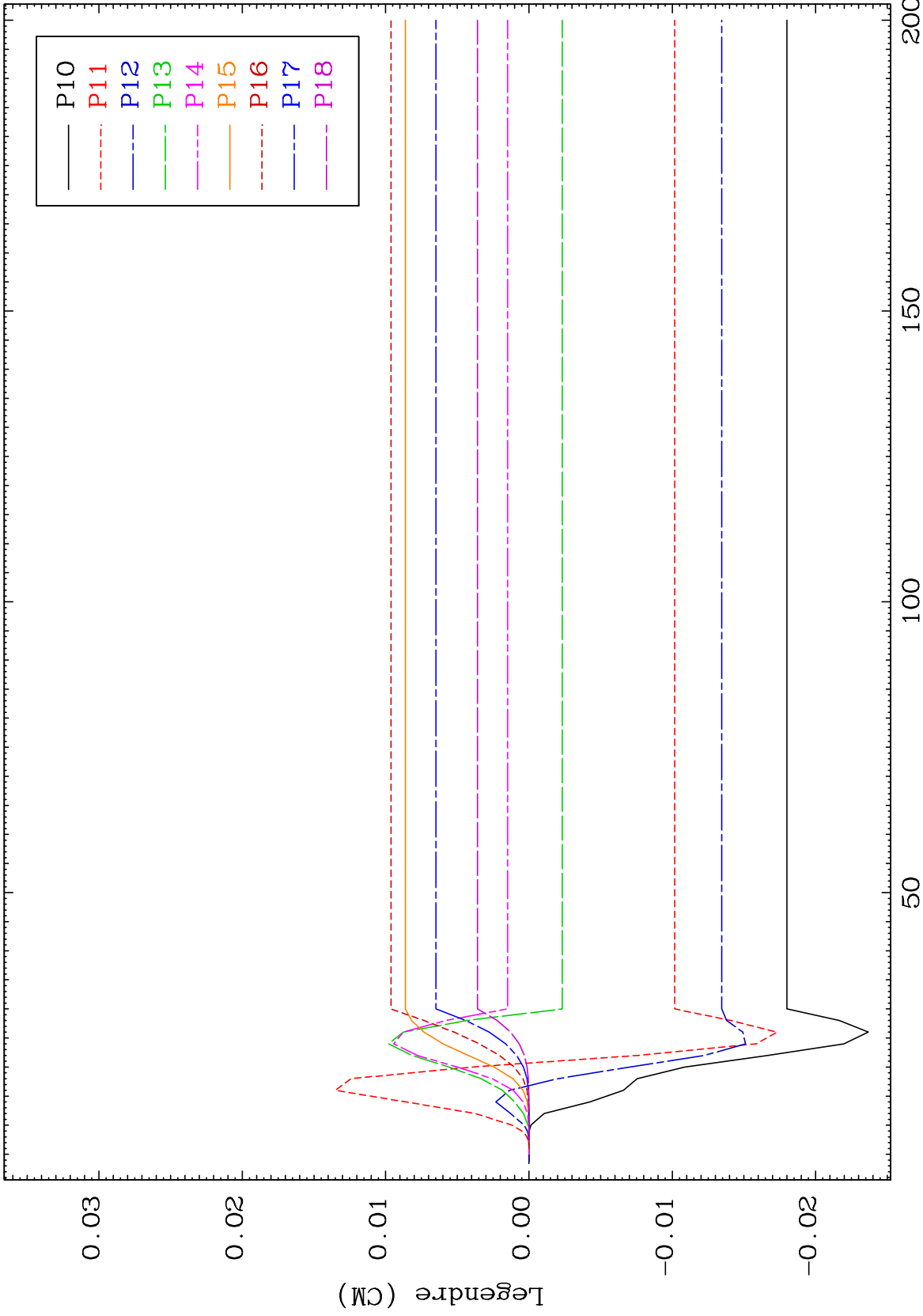
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



115

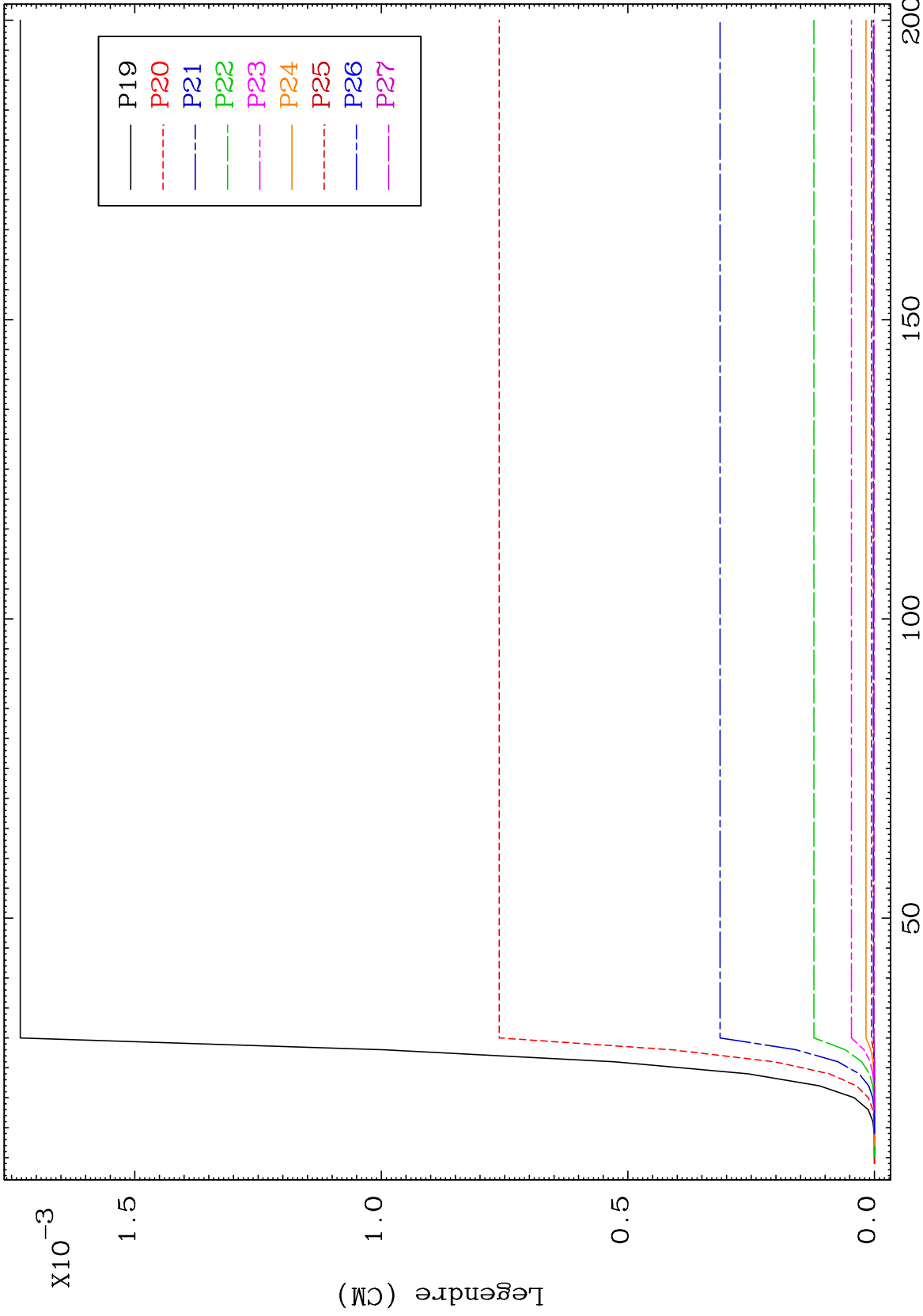
Incident Energy (MeV)

34-Se-81

MAT 3446

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

34-Se-81



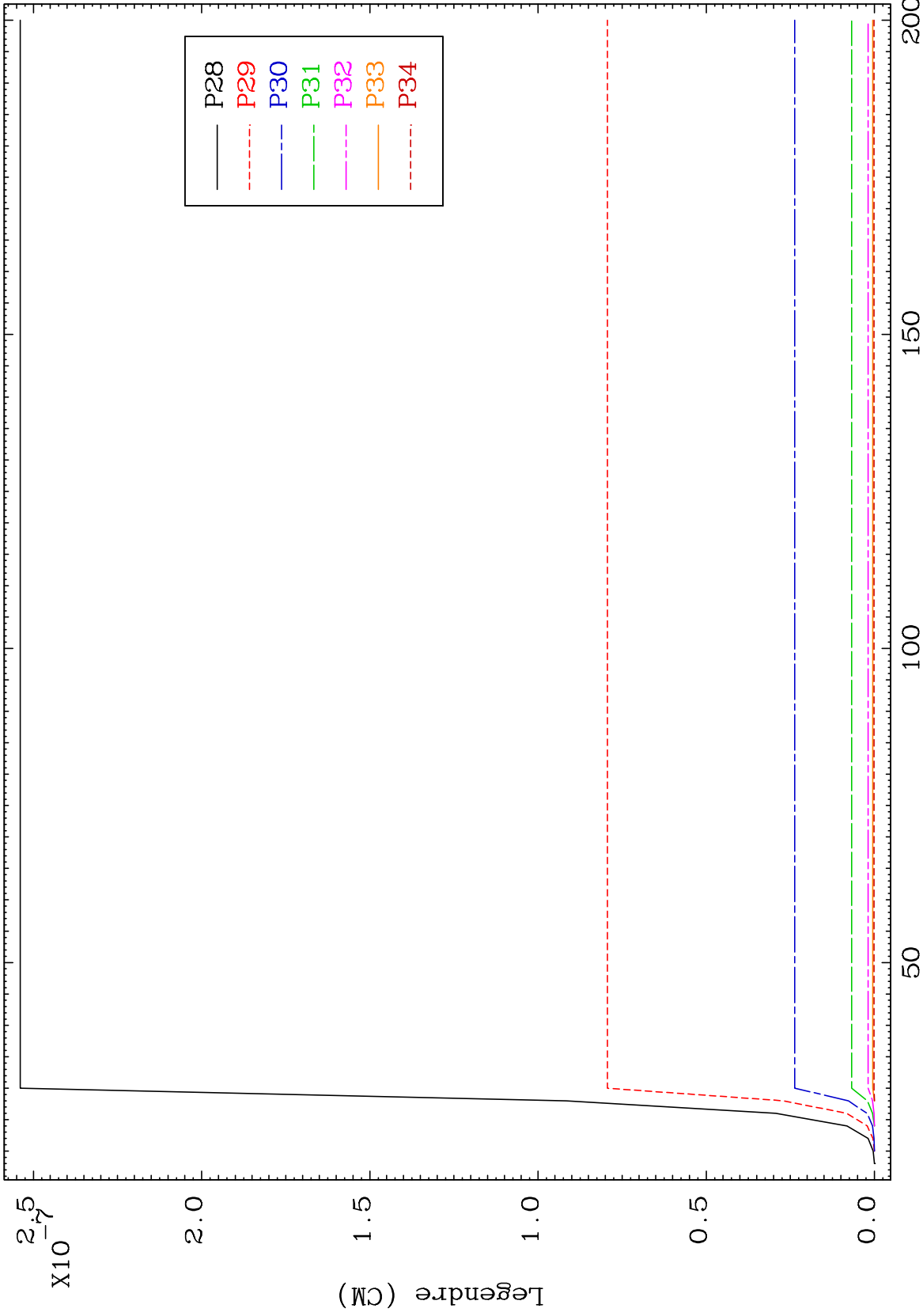
116

34-Se-81

MAT 3446

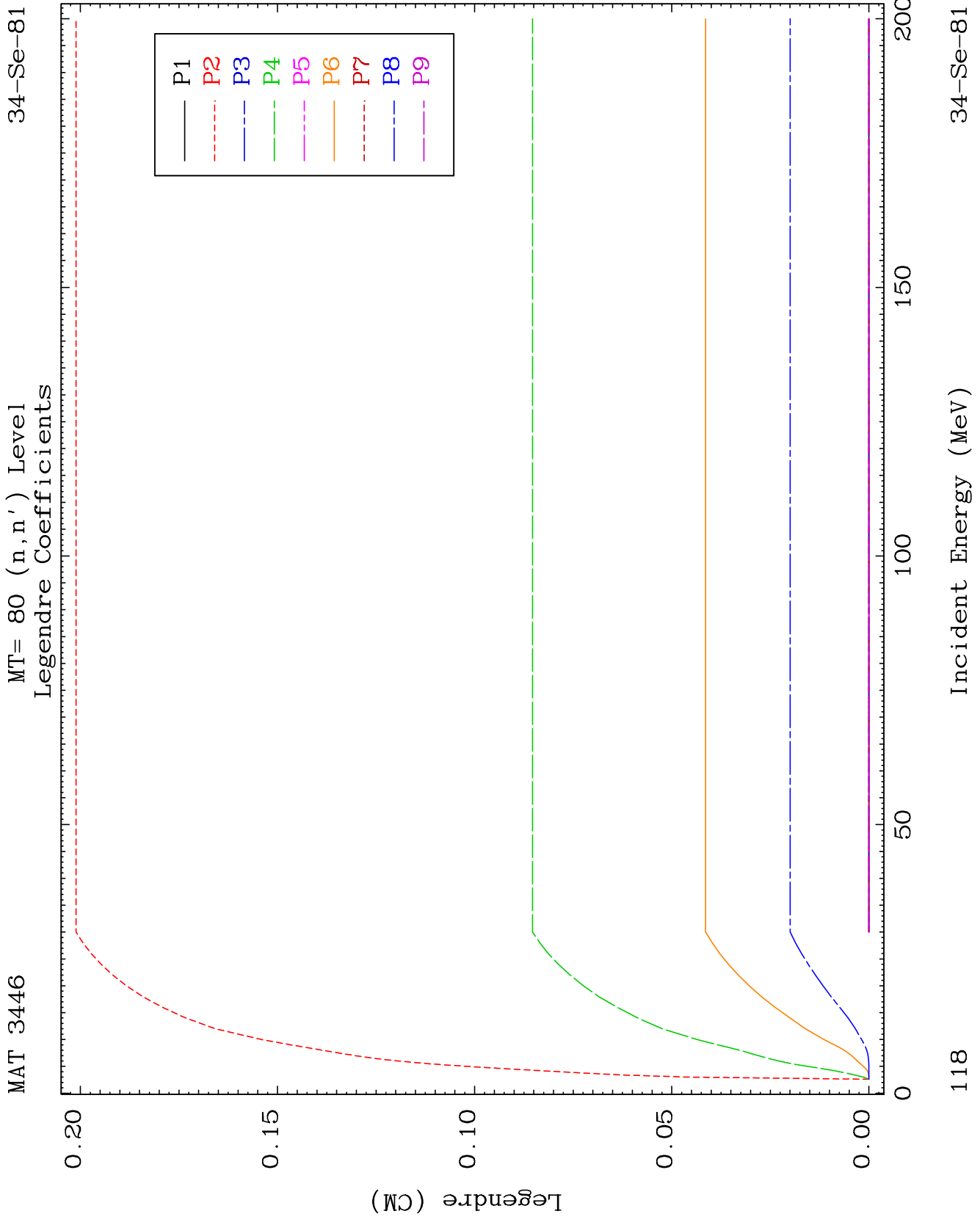
MT= 79 (n,n') Level
Legendre Coefficients

34-Se-81



117

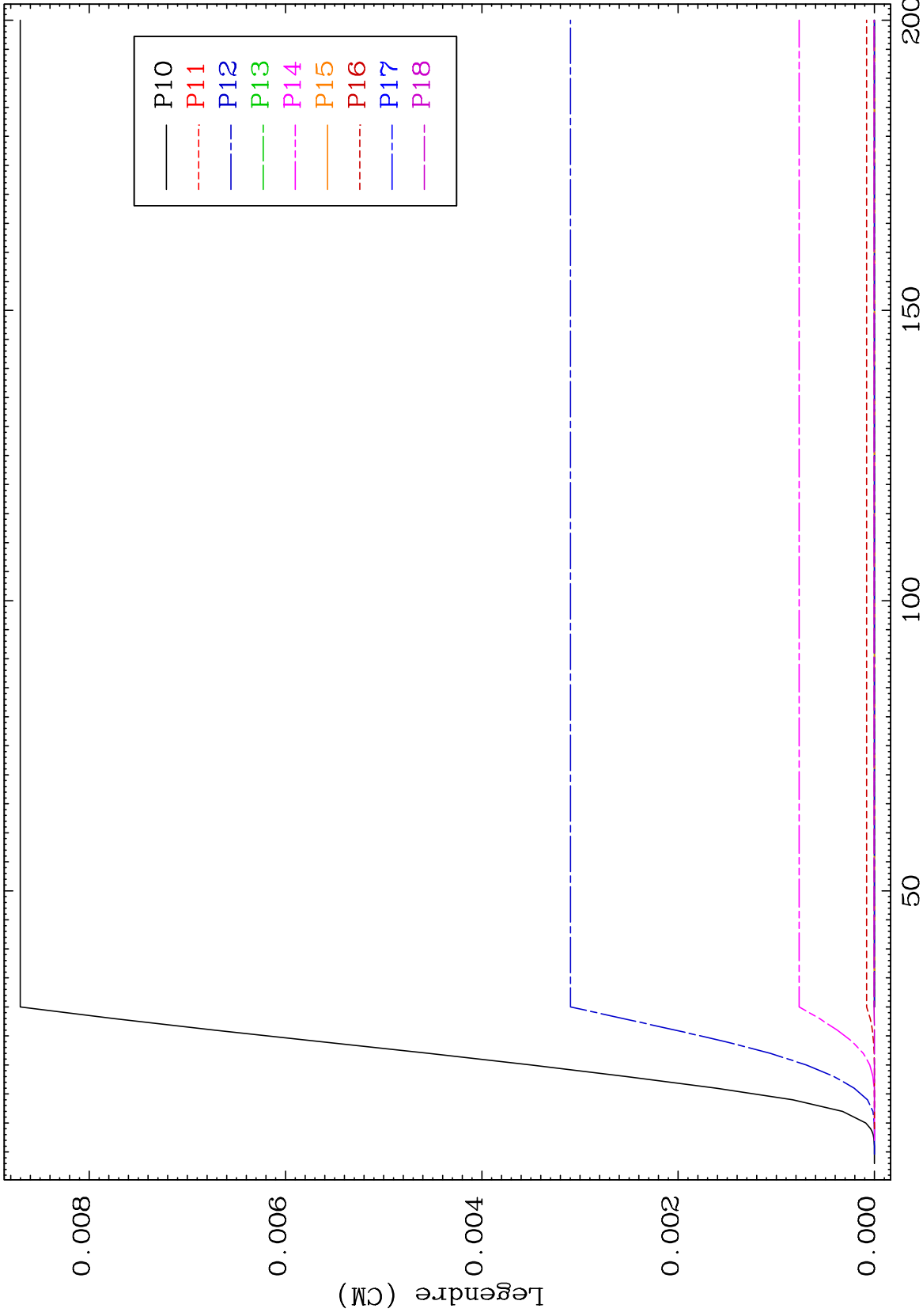
34-Se-81



MAT 3446

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

34-Se-81

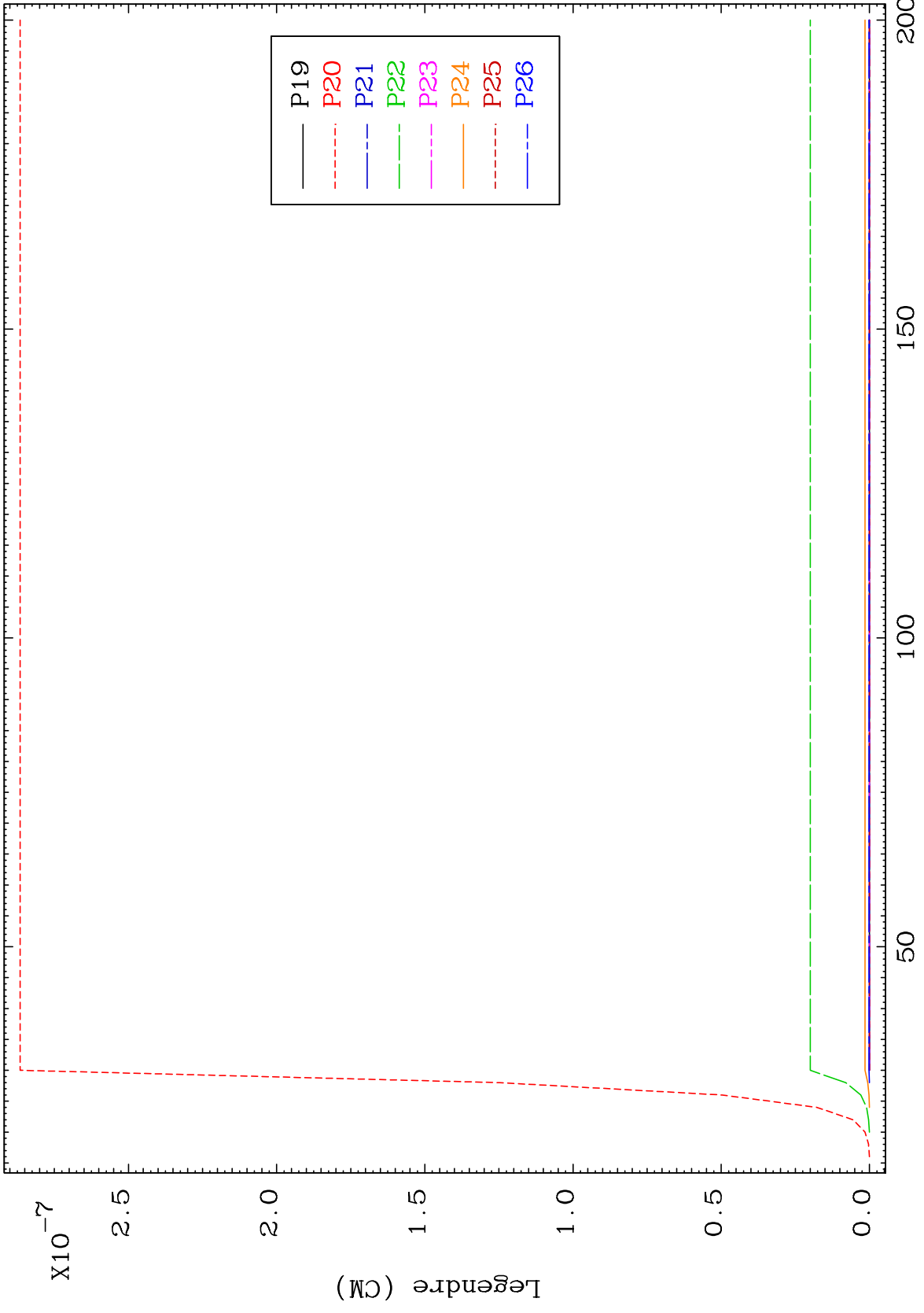


34-Se-81

Incident Energy (MeV)

119

MAT 3446 MT= 80 (n,n') Level Legendre Coefficients 34-Se-81

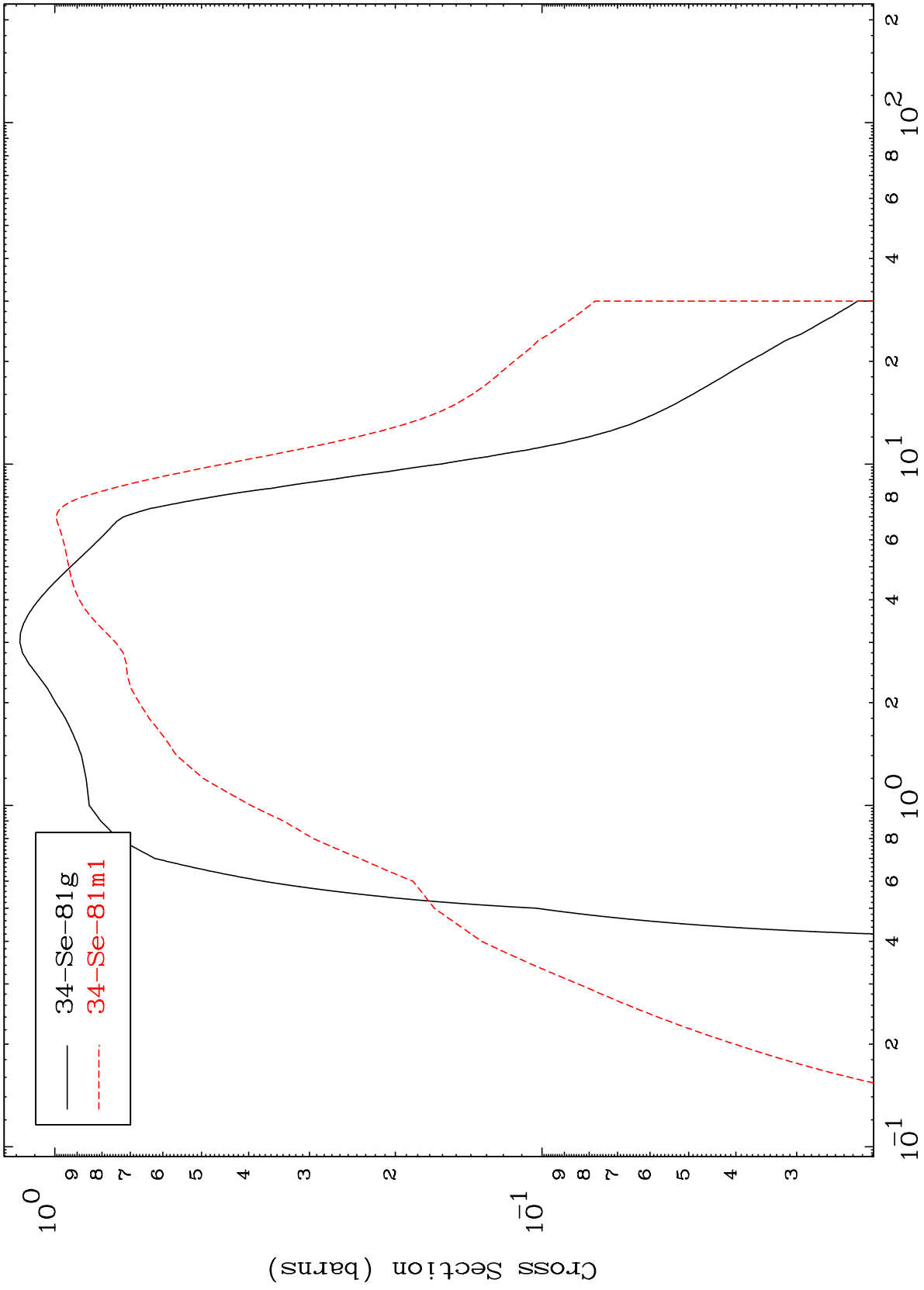


34-Se-81

MAT 3446

³⁴Se-81

Radionuclide Production Inelastic Cross Section



³⁴Se-81

Incident Energy (MeV)

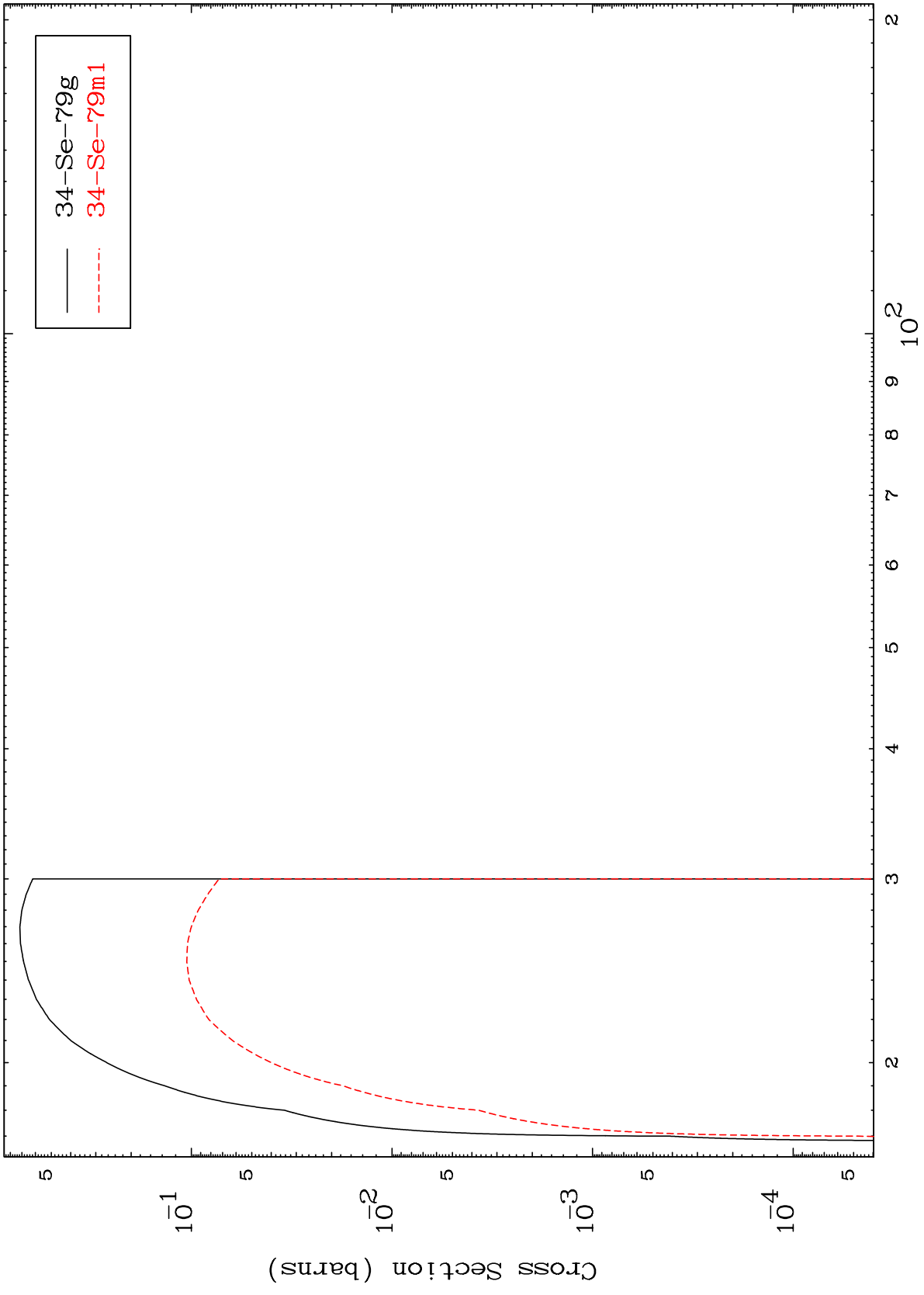
121

MAT 3446

(n,3n)

³⁴Se-81

Radionuclide Production Cross Section



122

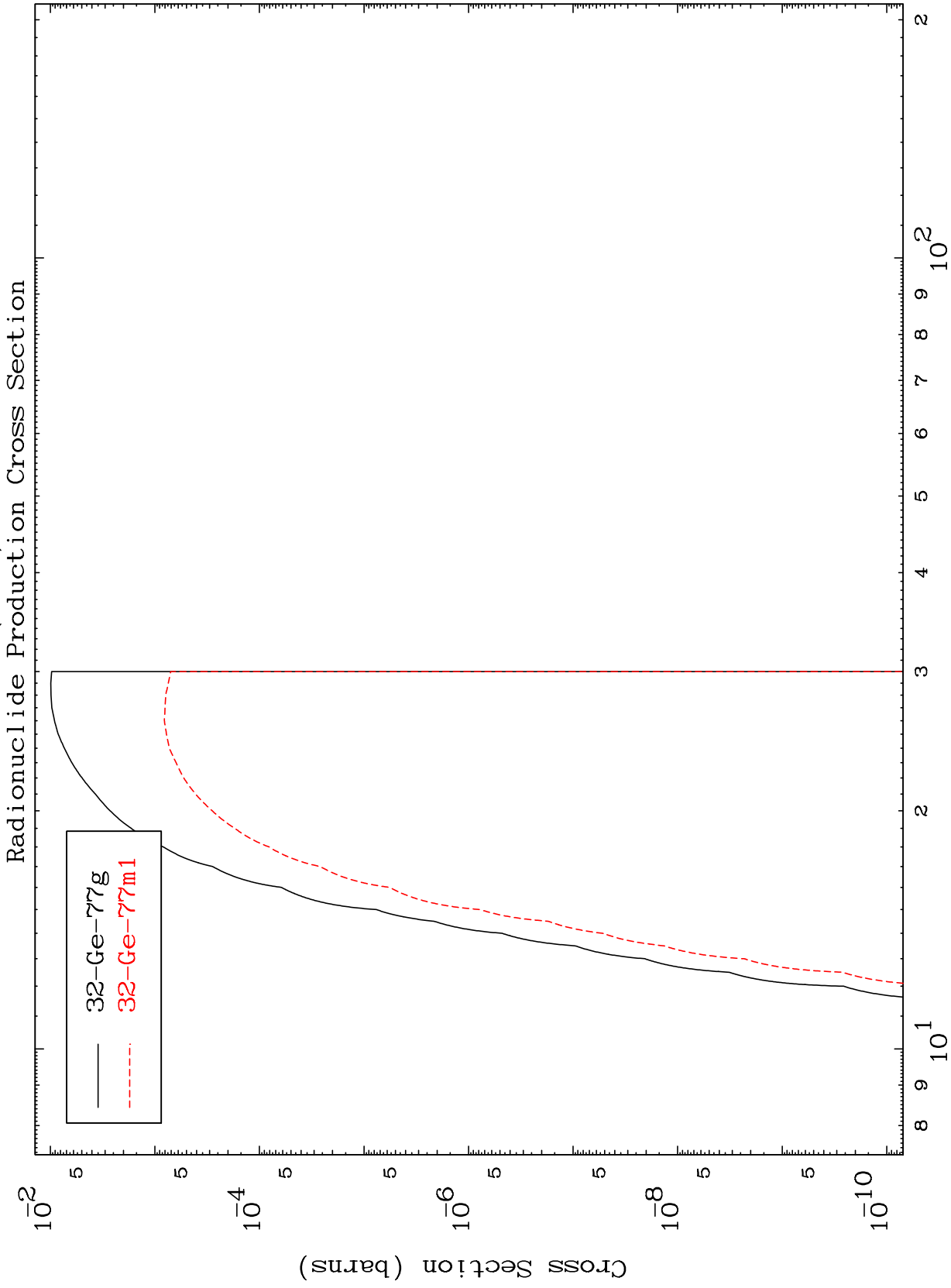
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n,n') α

³⁴Se-81



123

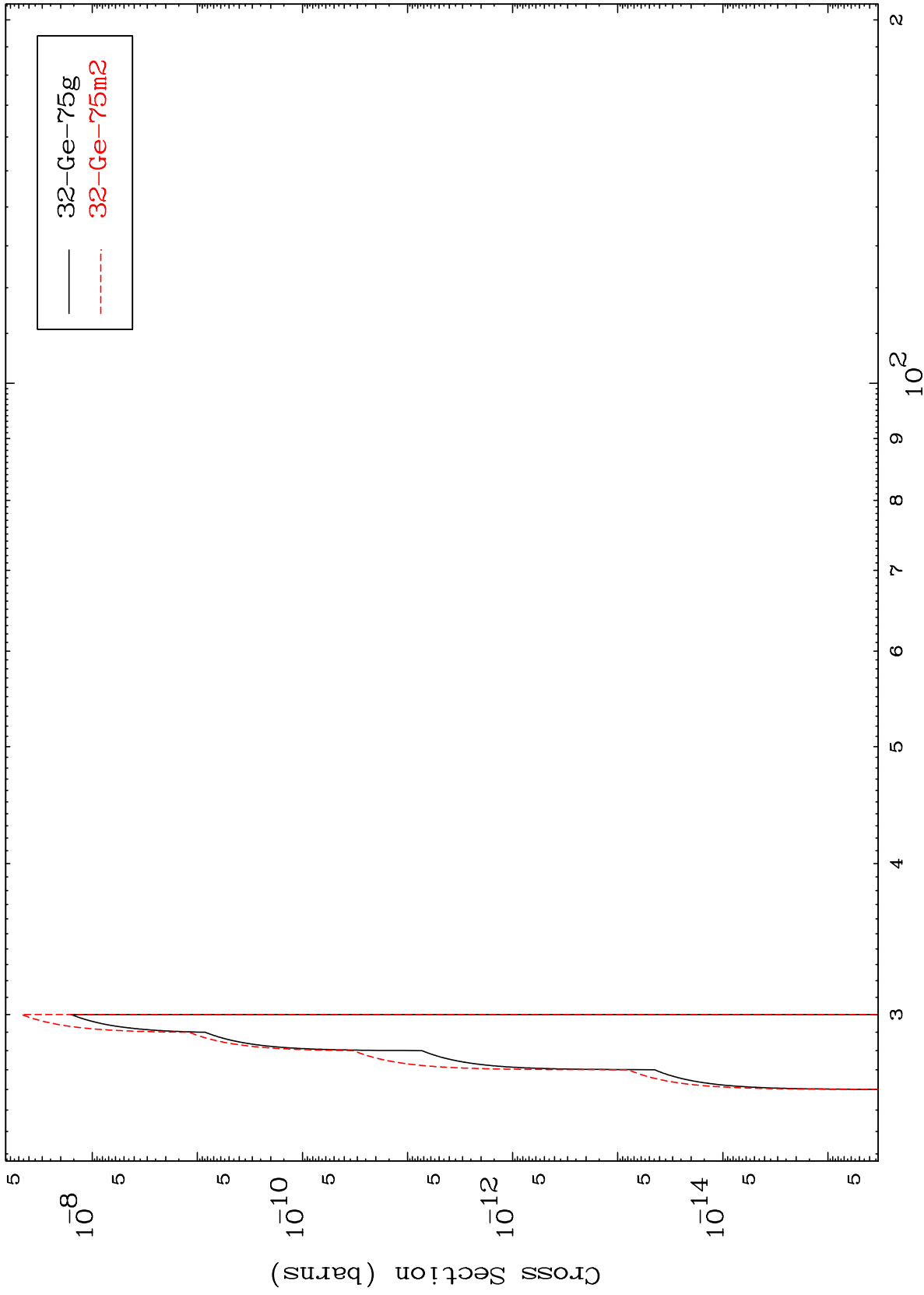
34-^{Se}-81

MAT 3446

(n,3n) α

³⁴Se-81

Radionuclide Production Cross Section



124

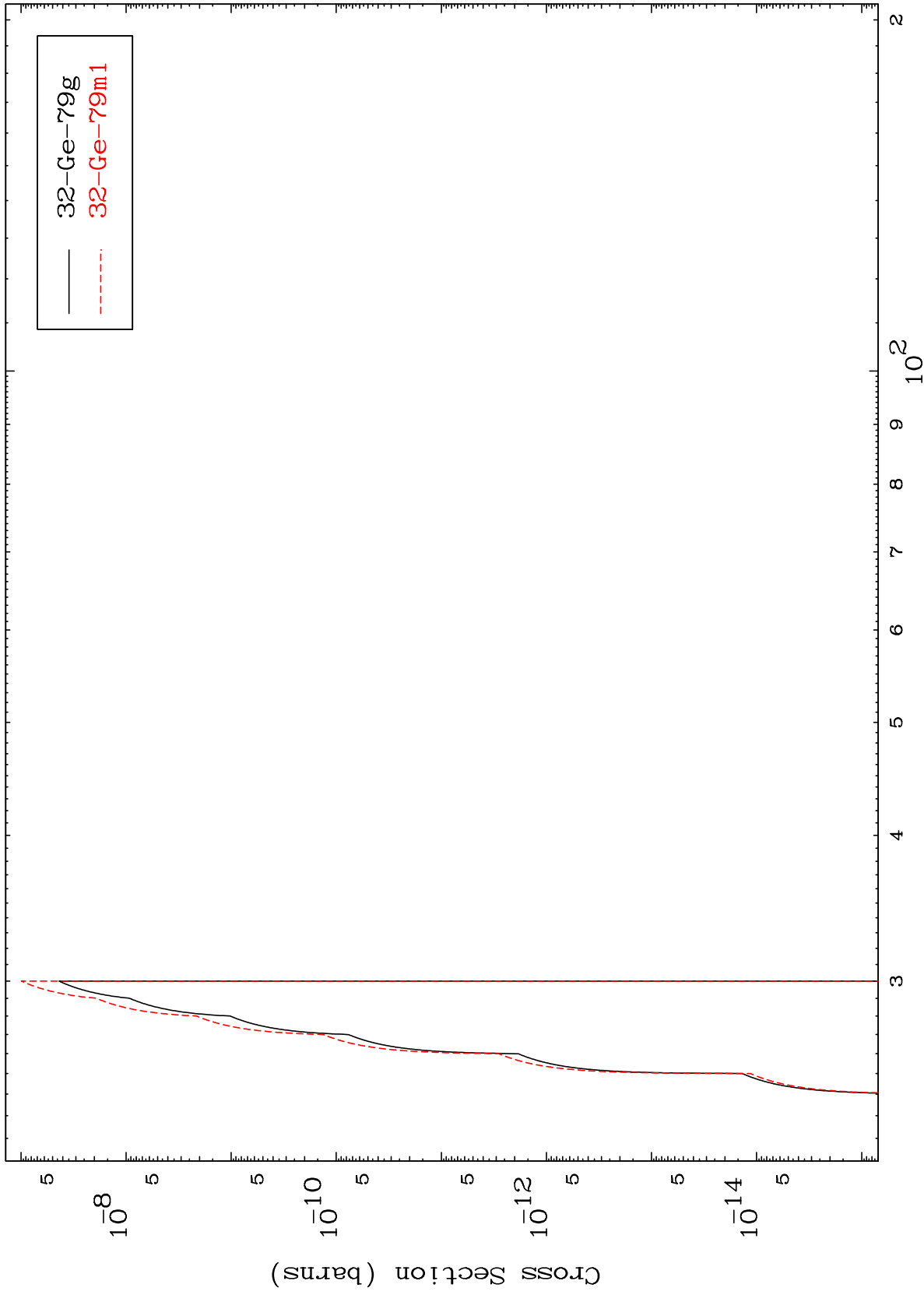
Incident Energy (MeV)

³⁴Se-81

MAT 3446

34-^{Se-81}

(n,2n) p
Radionuclide Production Cross Section



125

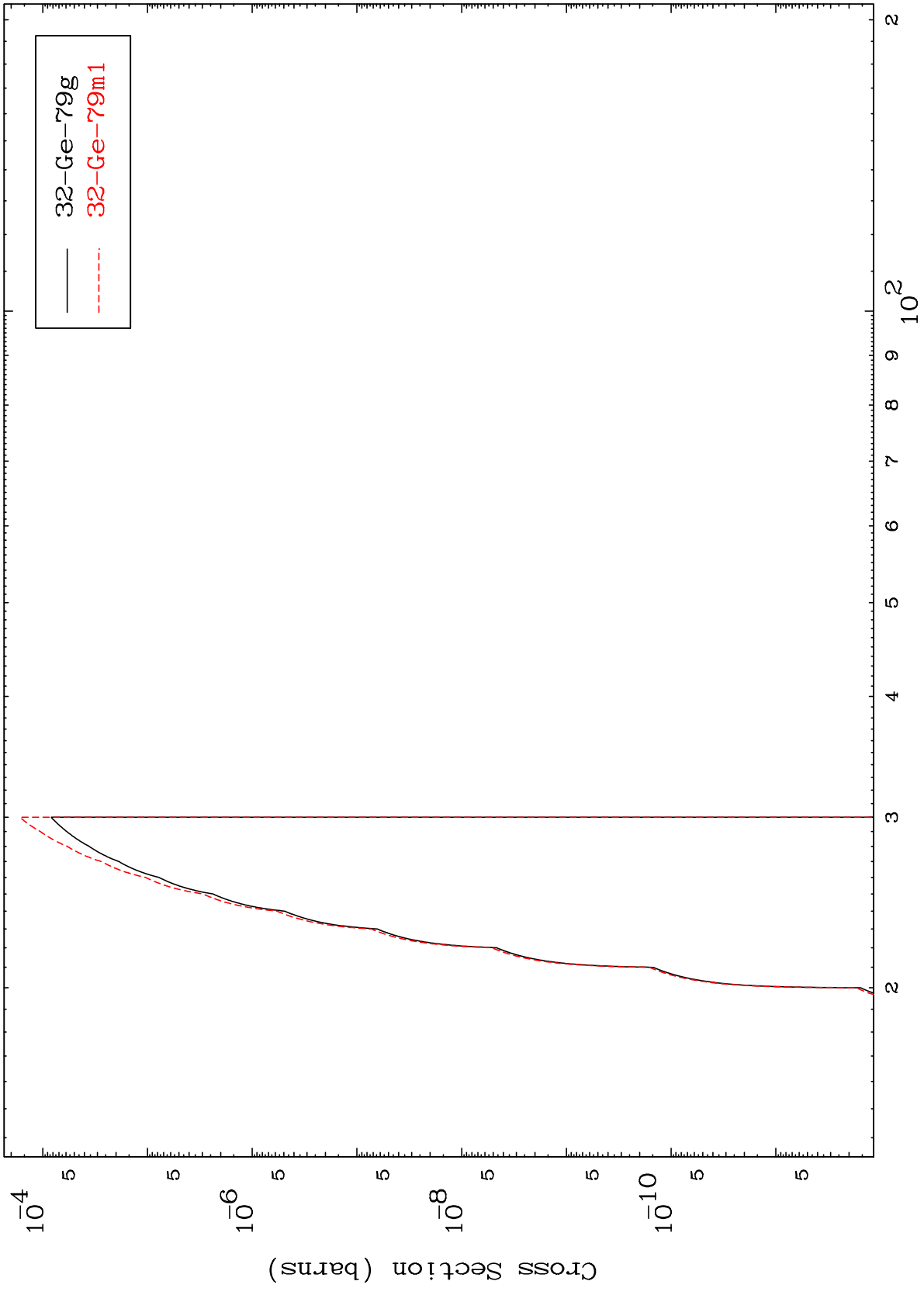
34-^{Se-81}

MAT 3446

(n, He-3)

34-Ge-81

Radionuclide Production Cross Section



126

Incident Energy (MeV)

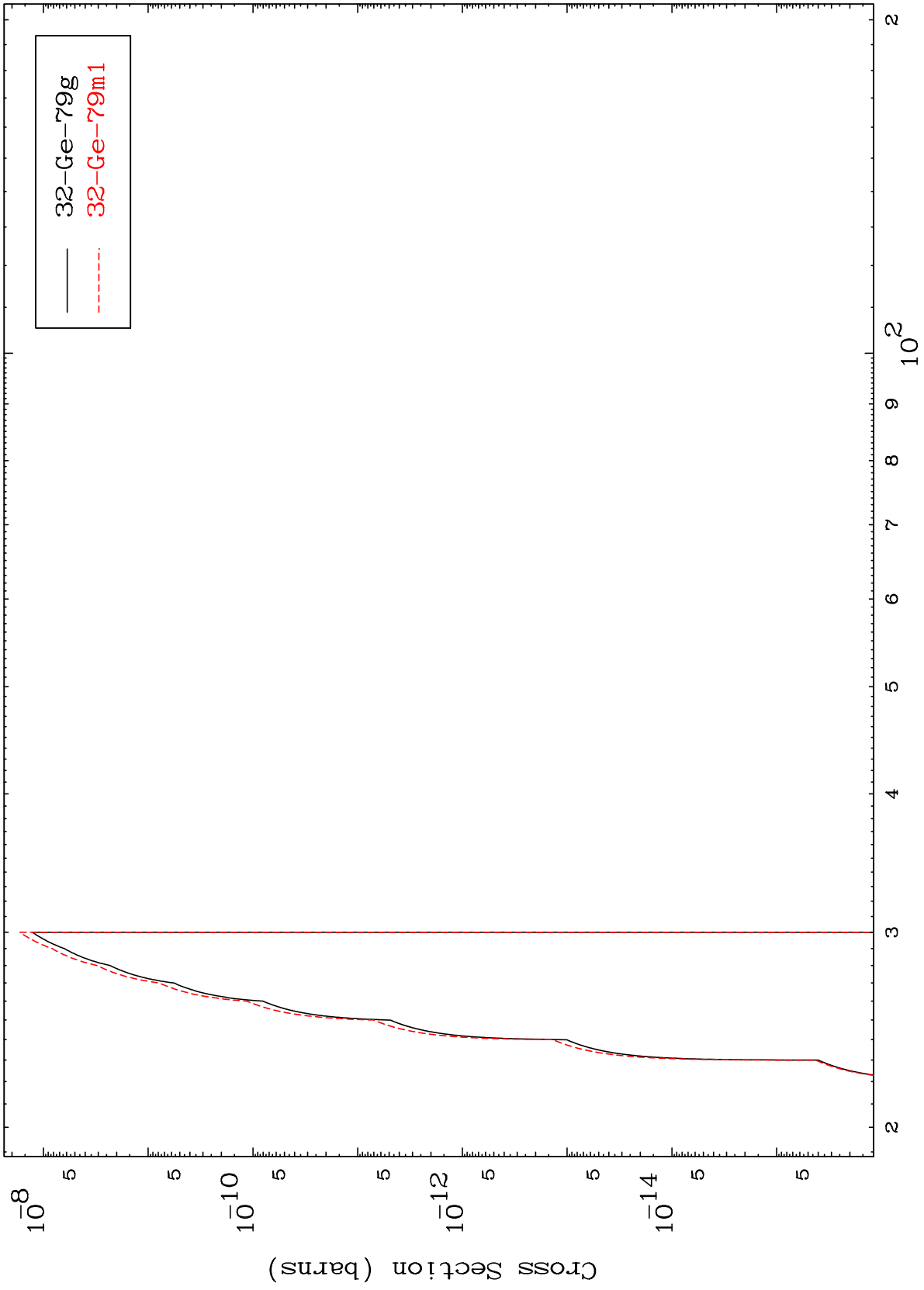
34-Ge-81

MAT 3446

(n,p) d

34-^{Se}-81

Radionuclide Production Cross Section



127

Incident Energy (MeV)

34-^{Se}-81