

Program EVALPLOT
(Version 2021-1)

by

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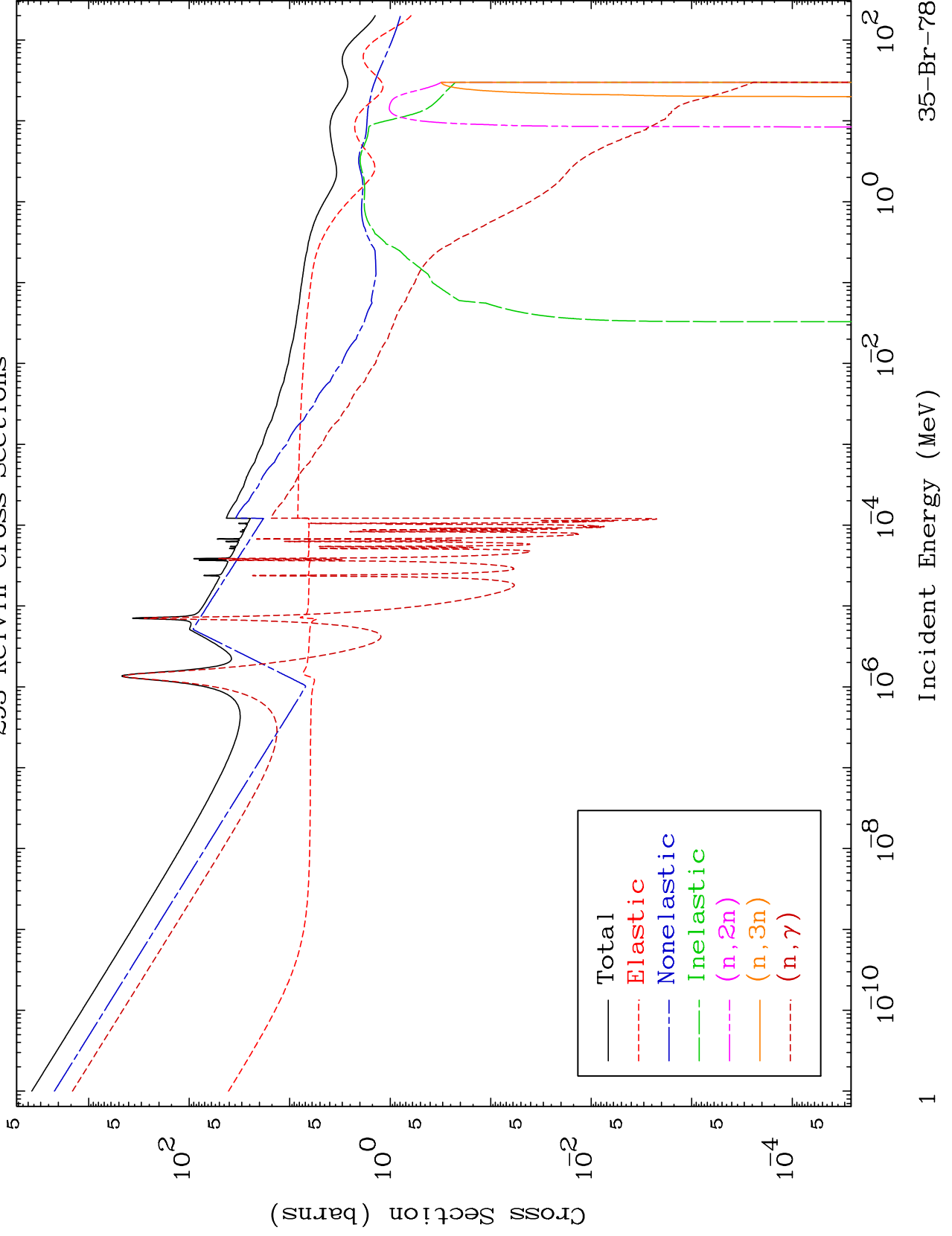
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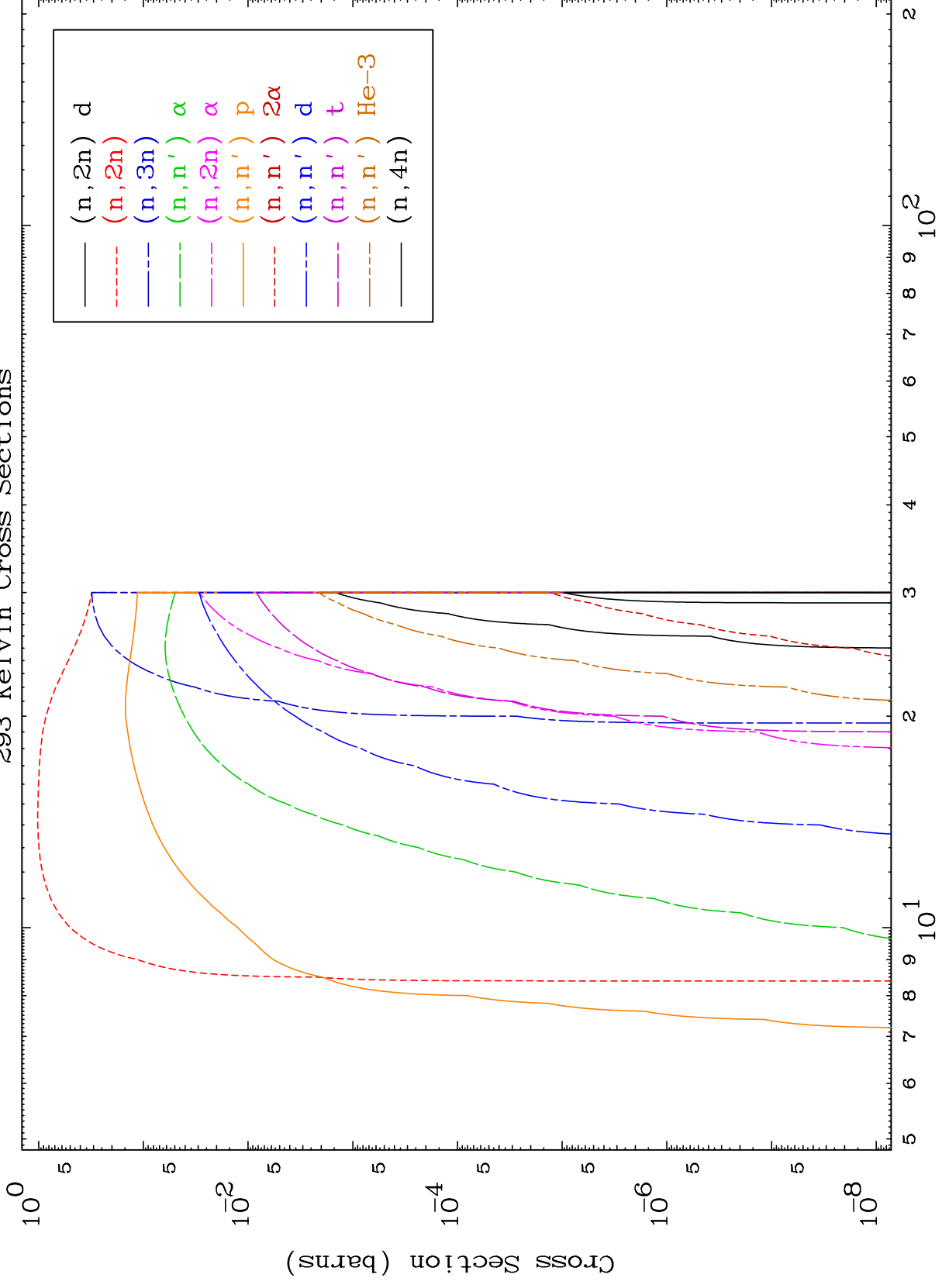
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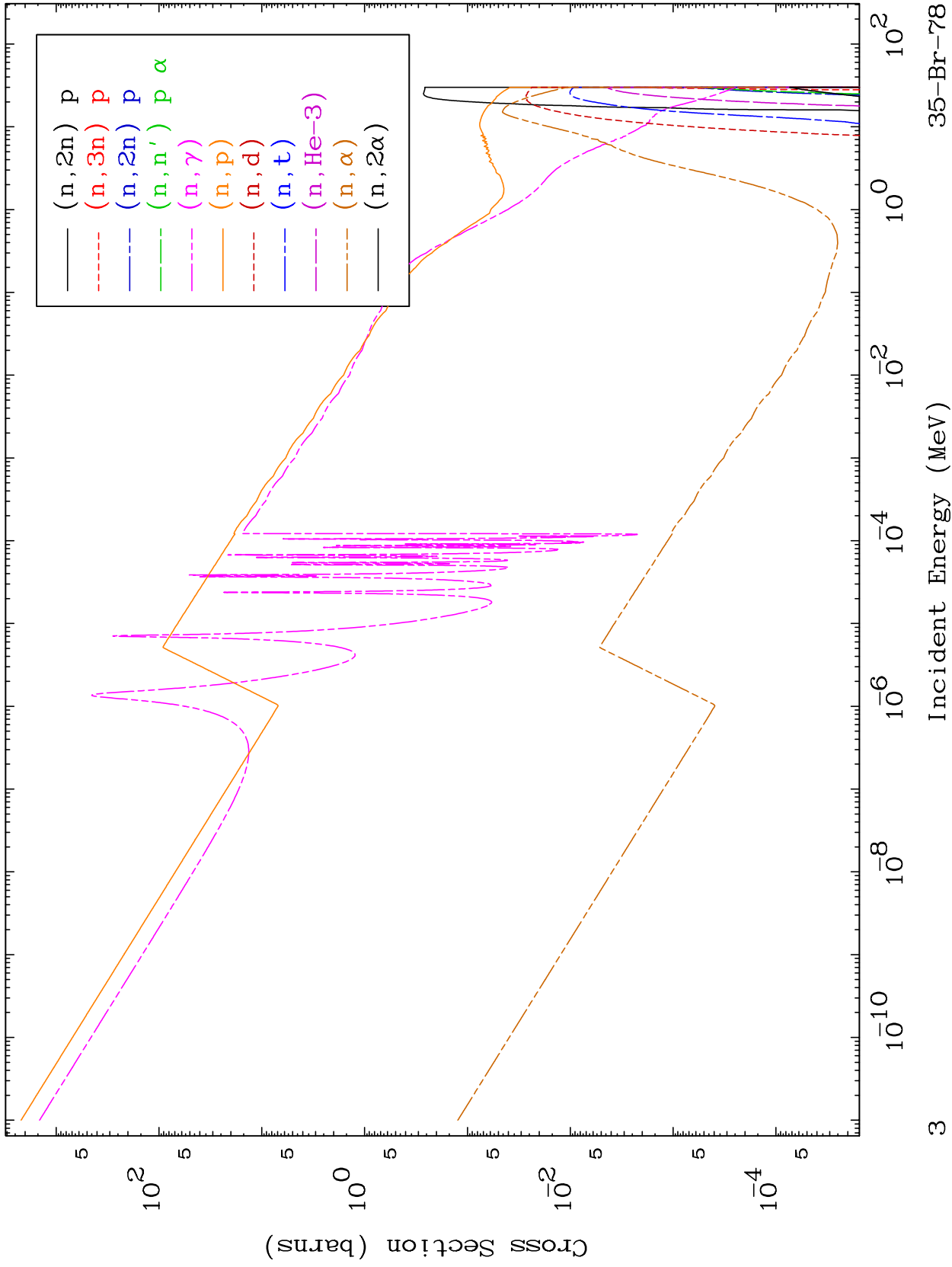
MAT 3522

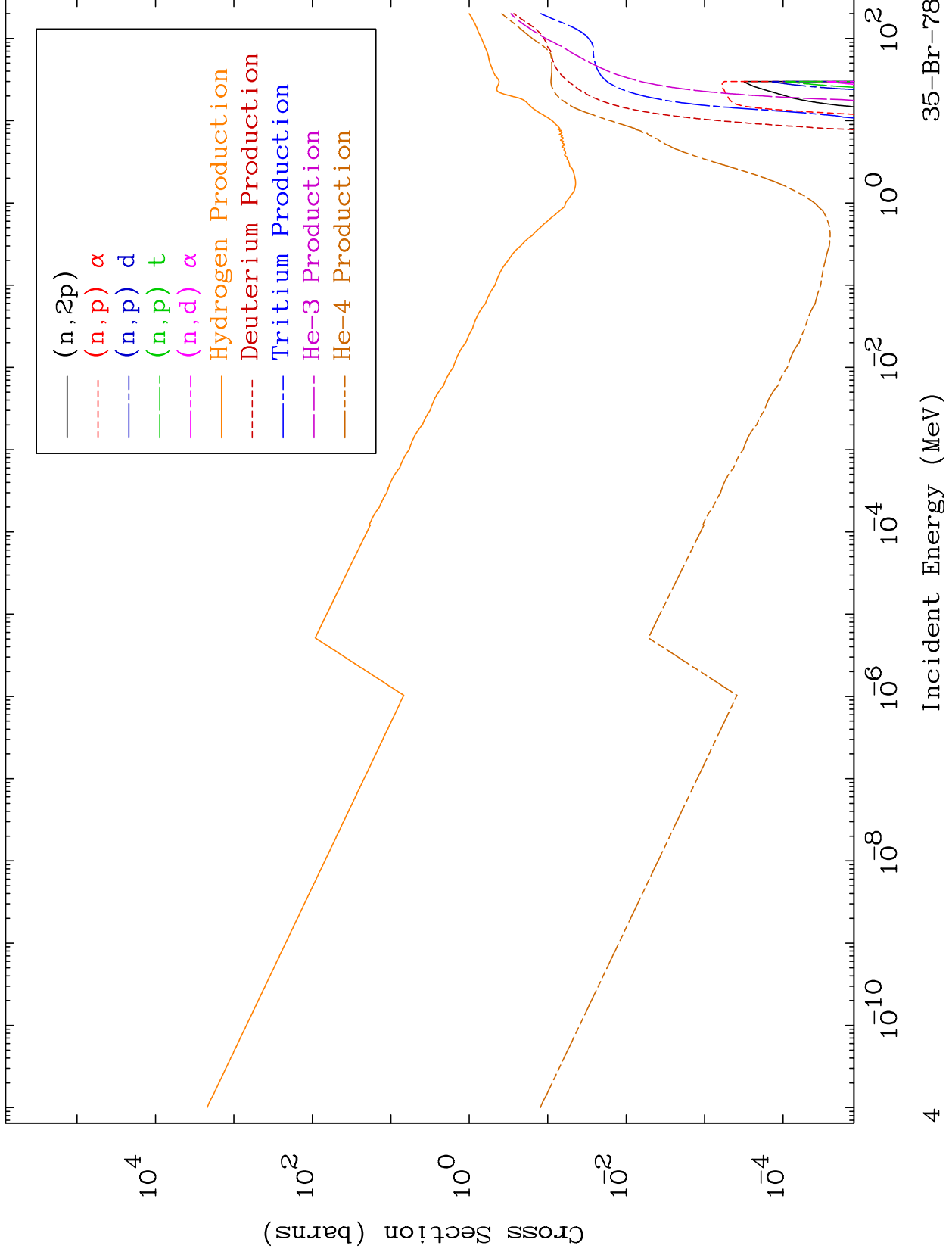
Neutron Major
293 Kelvin Cross Sections

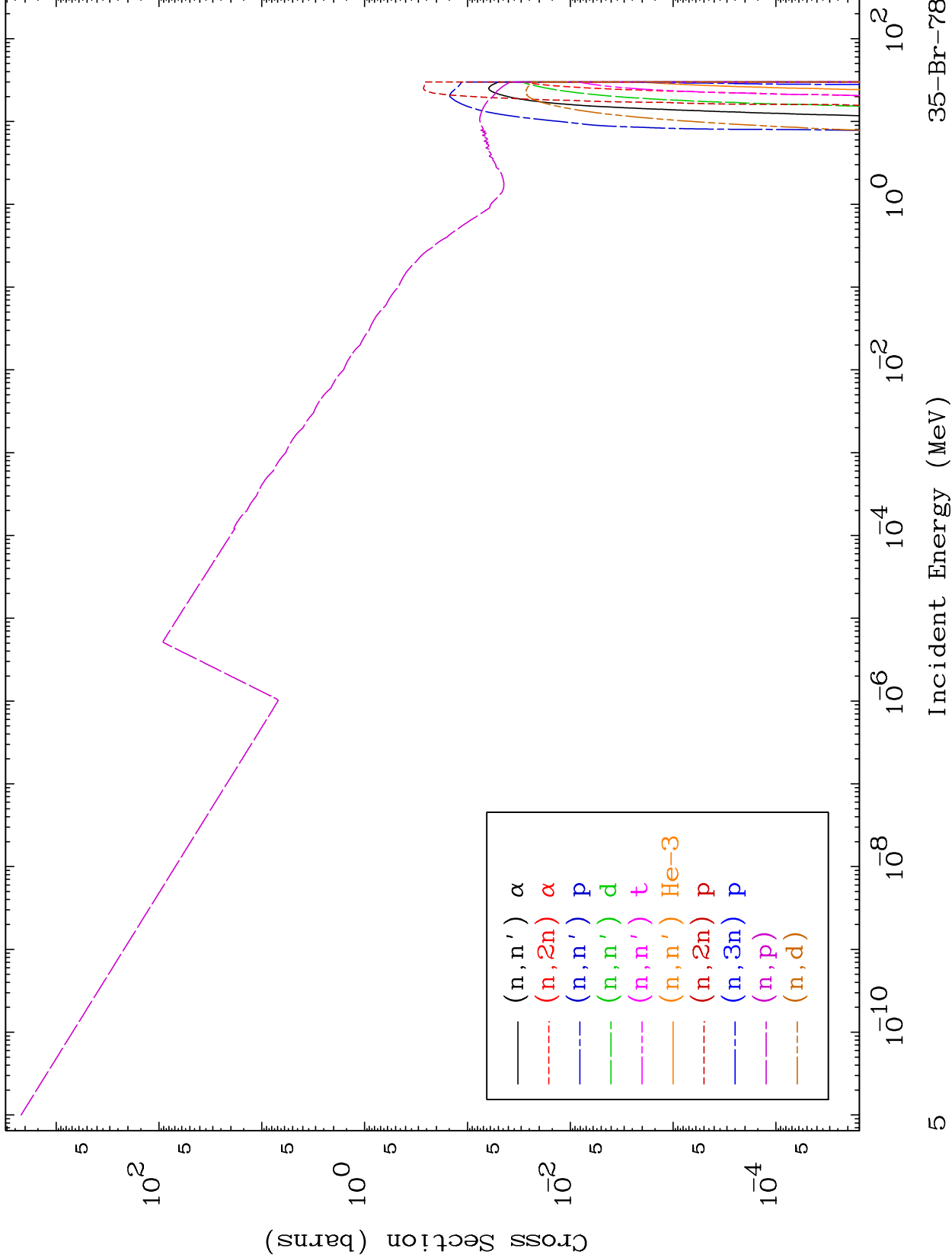
35-Br-78







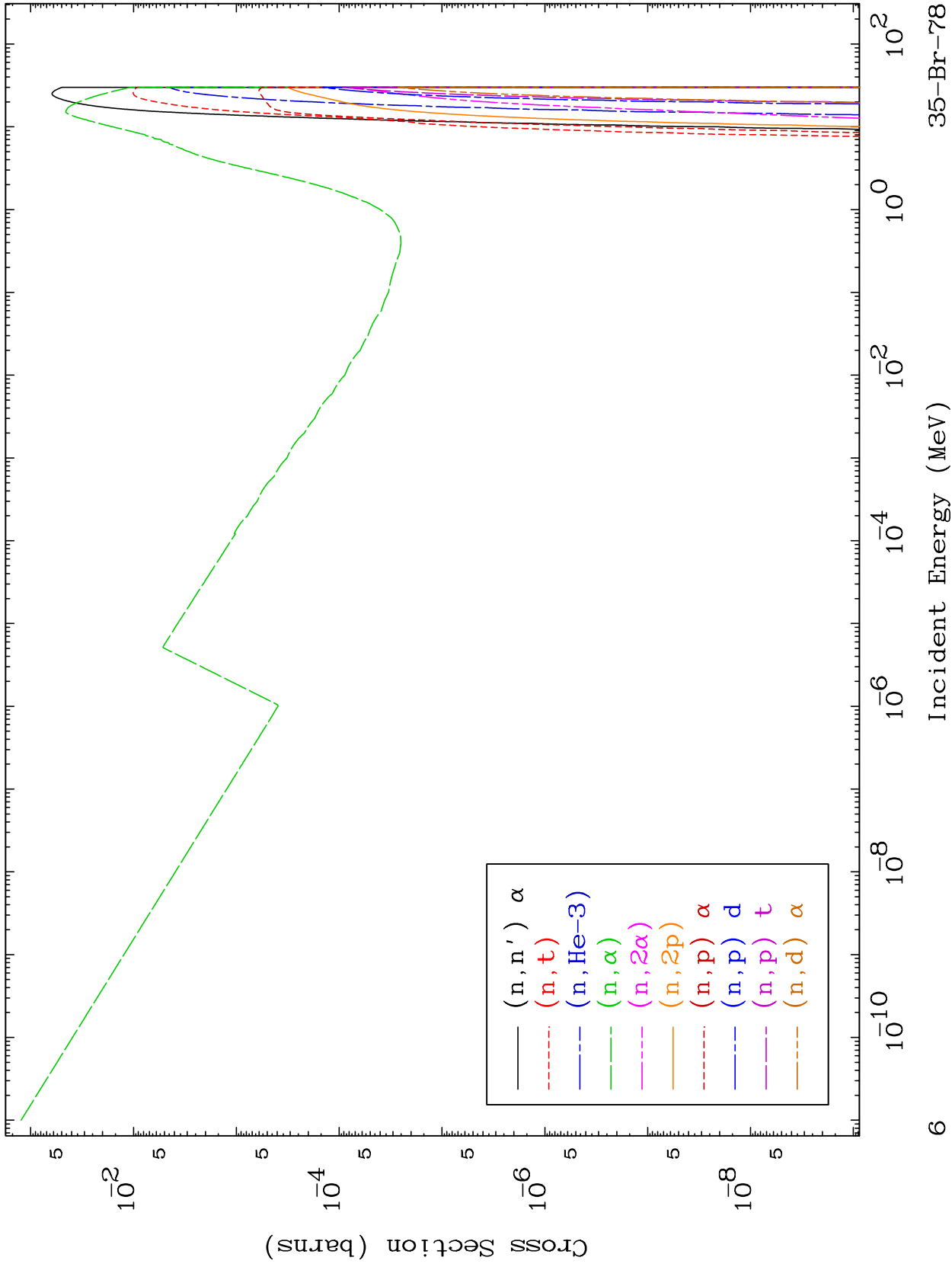




MAT 3522

Charged Particle
293 Kelvin Cross Sections

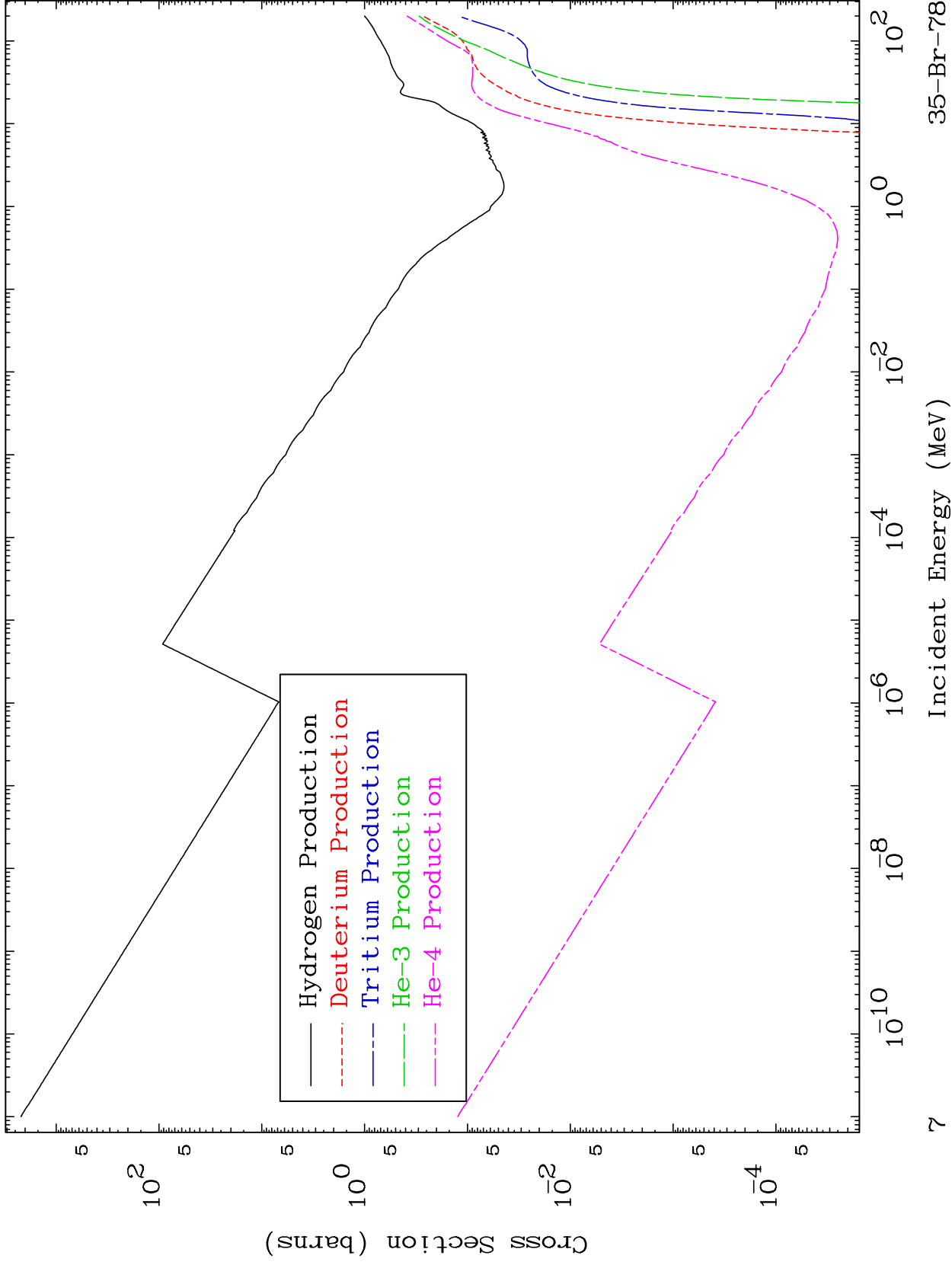
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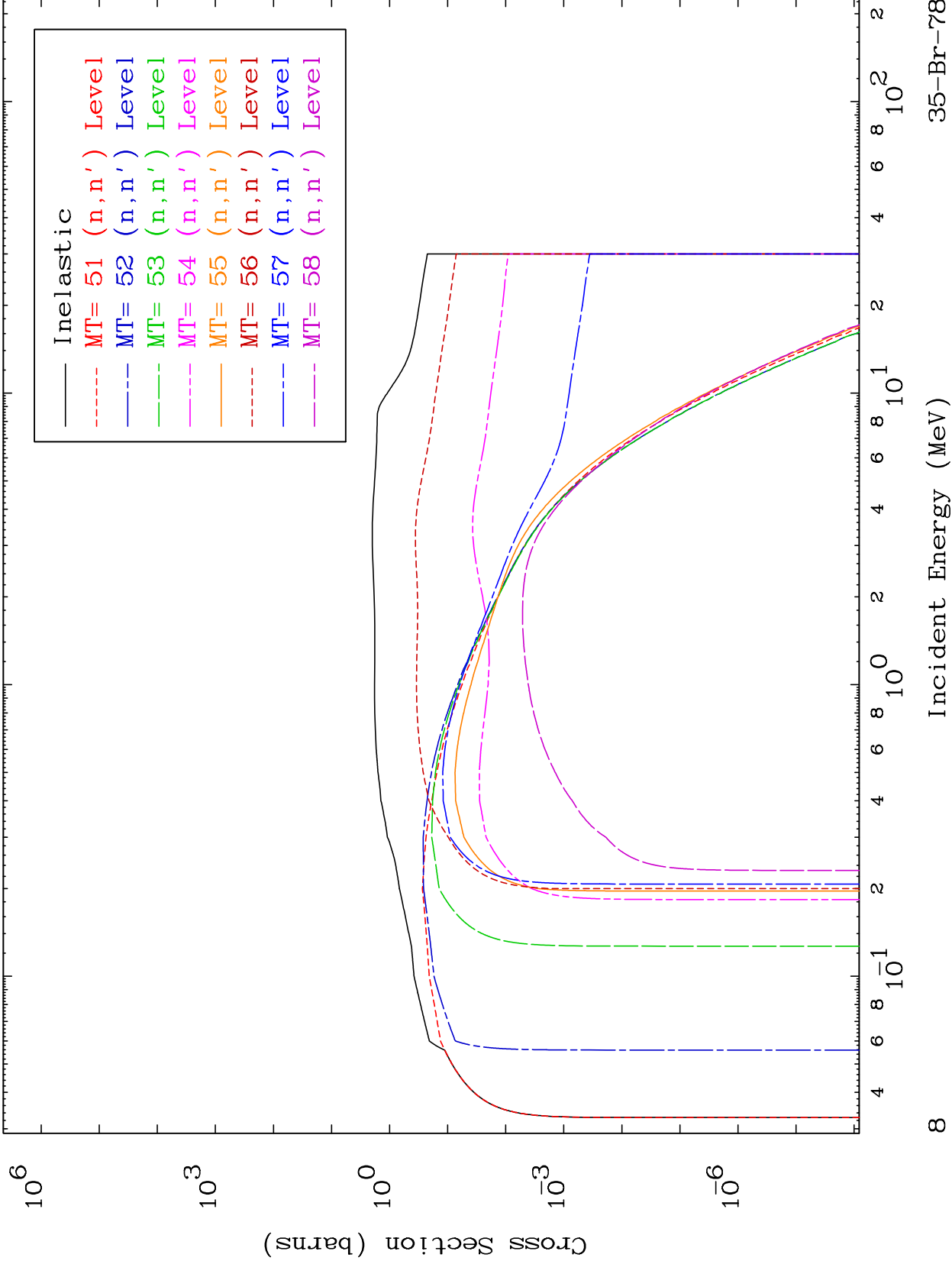


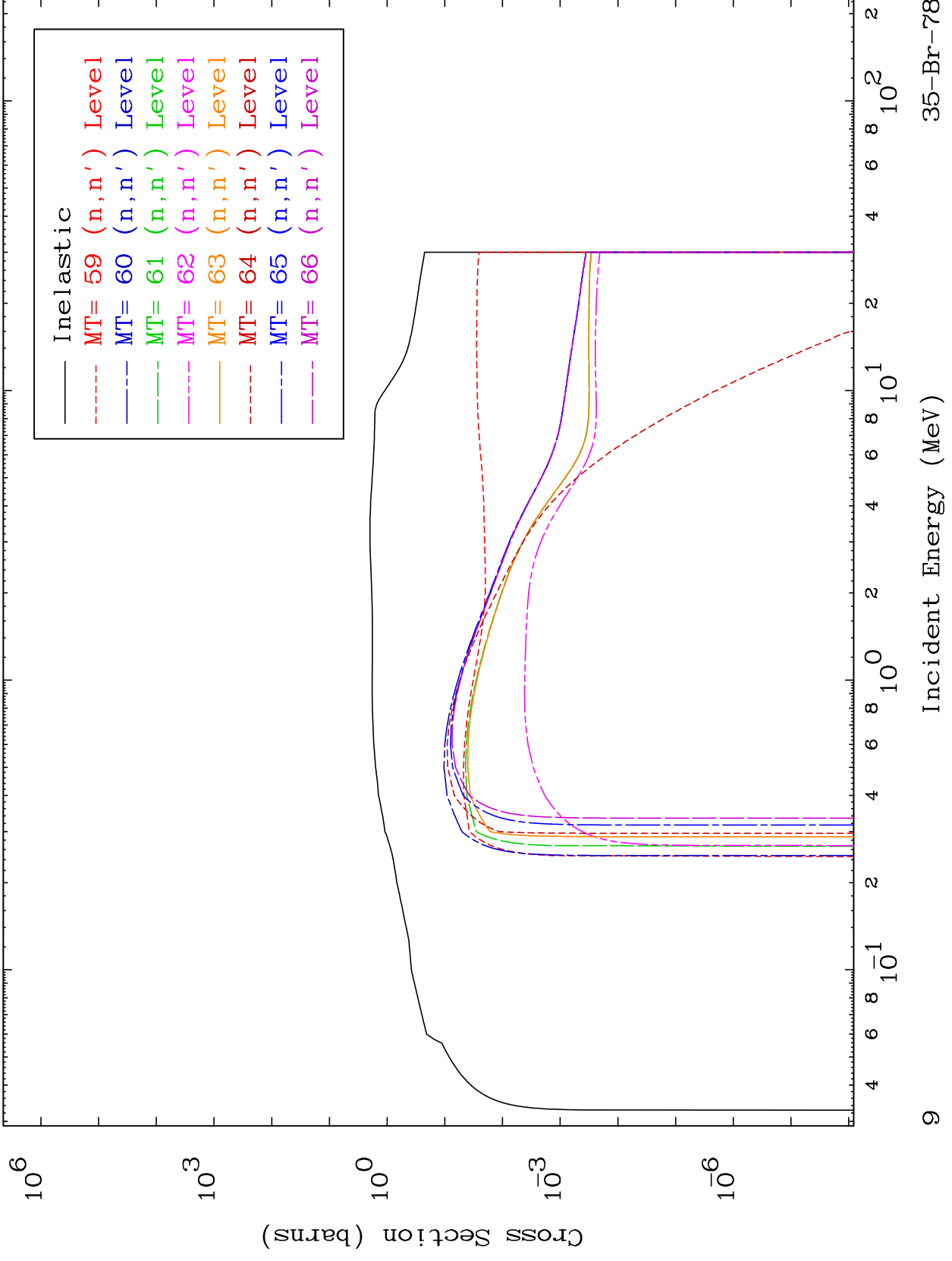
MAT 3522

Particle Production
293 Kelvin Cross Sections

35-Br-78



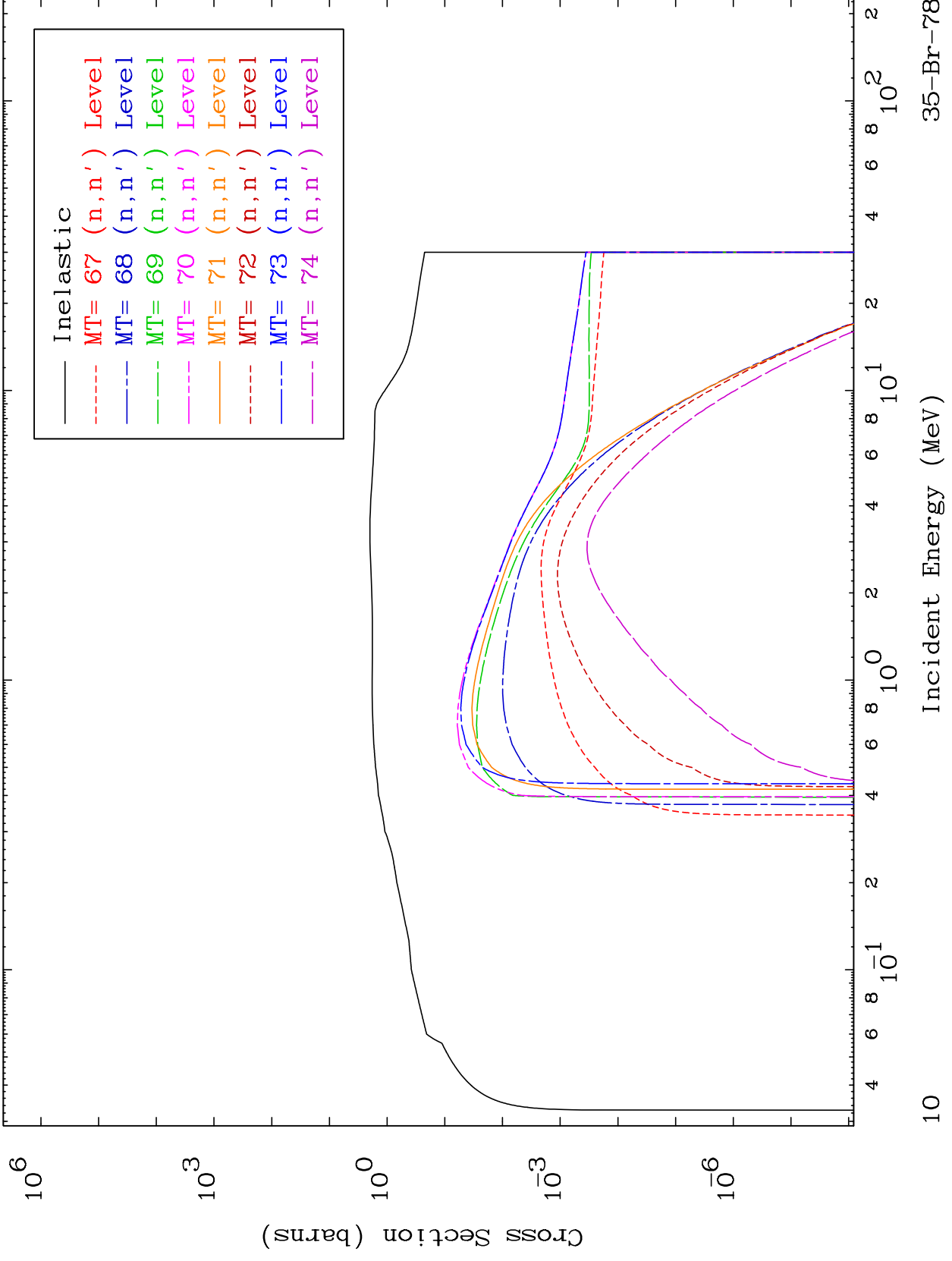




MAT 35222

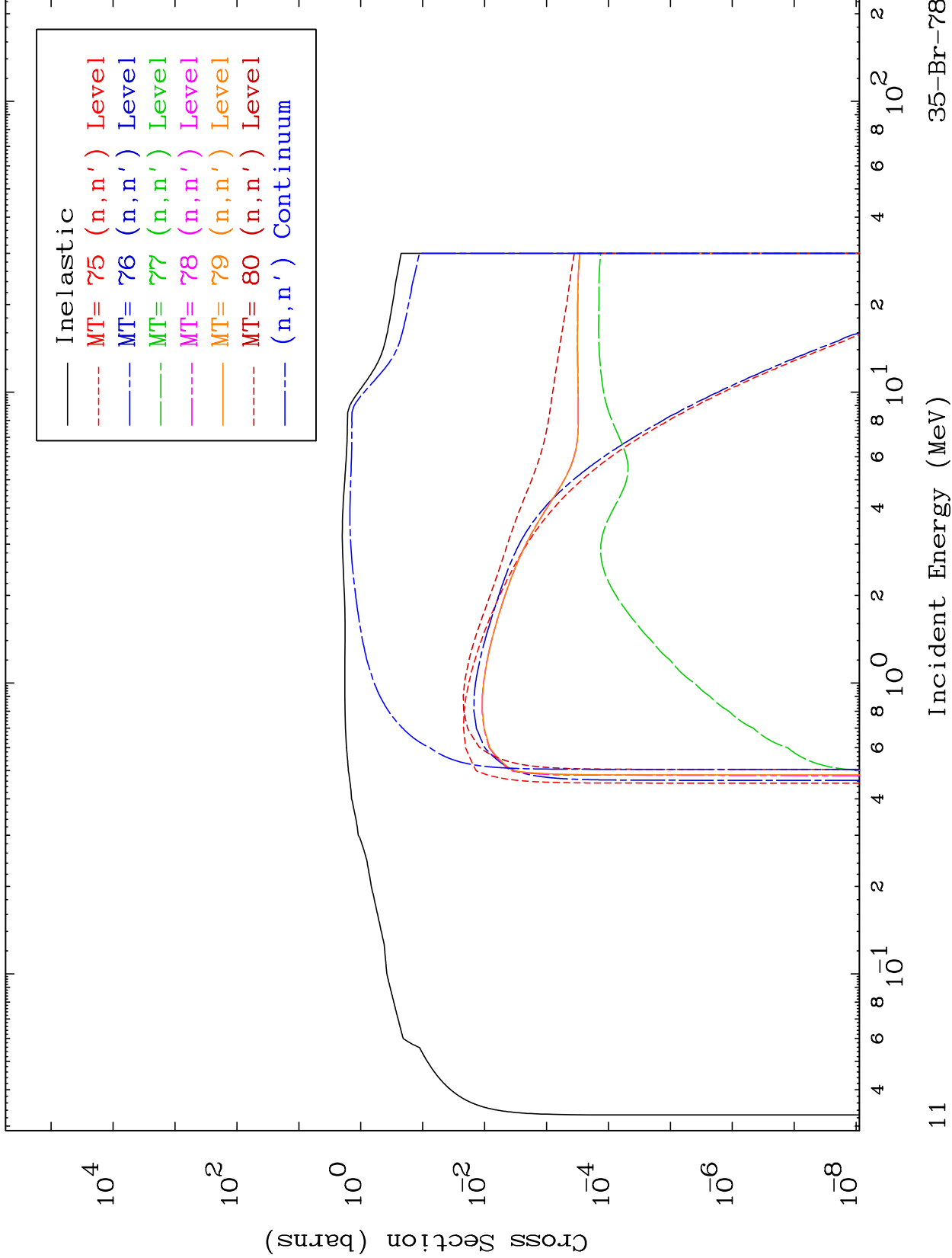
(n,n') Levels
293 Kelvin Cross Sections

35-Br-78



10

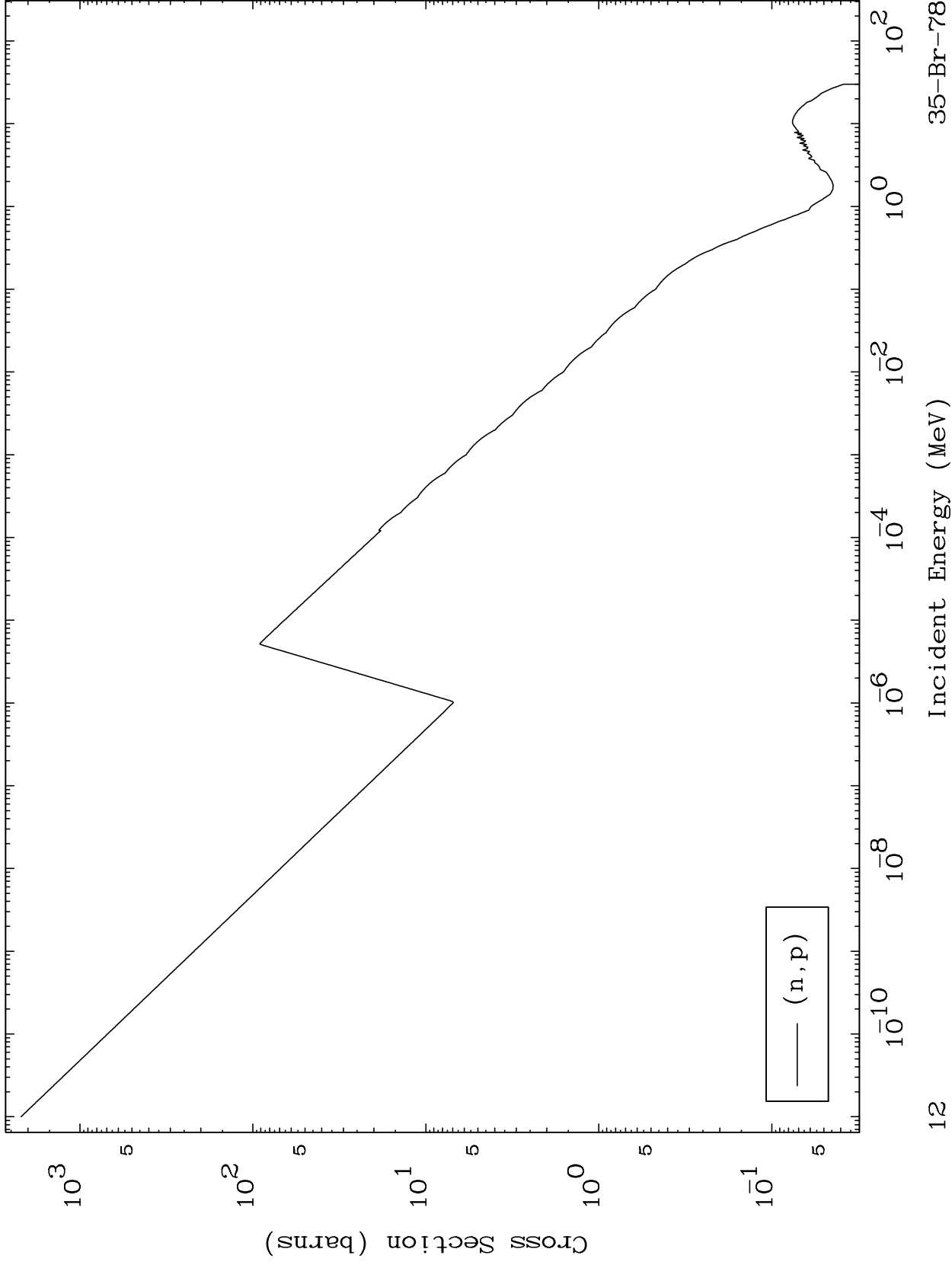
35-Br-78



MAT 3522

(n,p) Levels
293 Kelvin Cross Sections

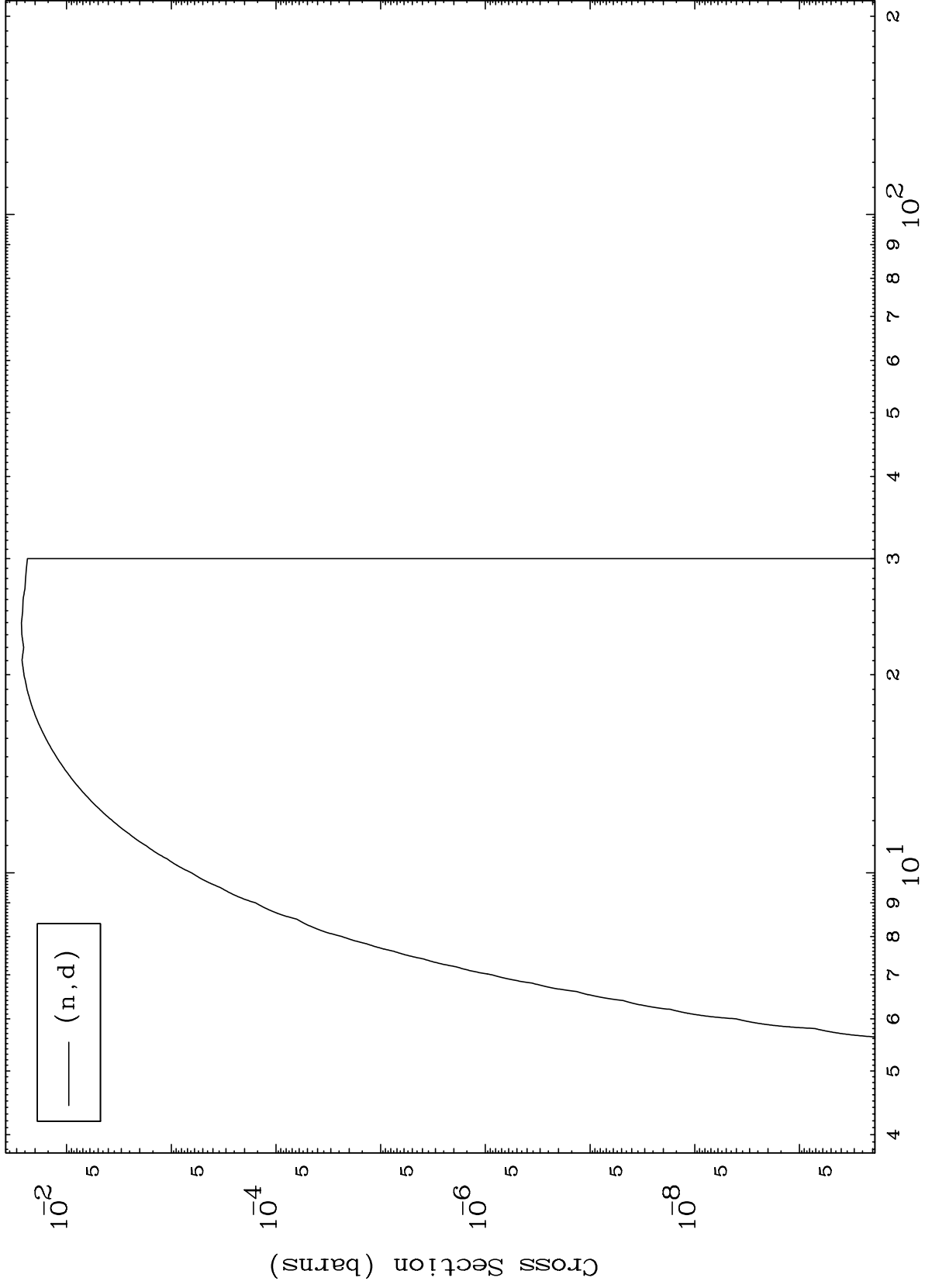
35-Br-78



MAT 3522

(n,d) Levels
293 Kelvin Cross Sections

35-Br-78



13

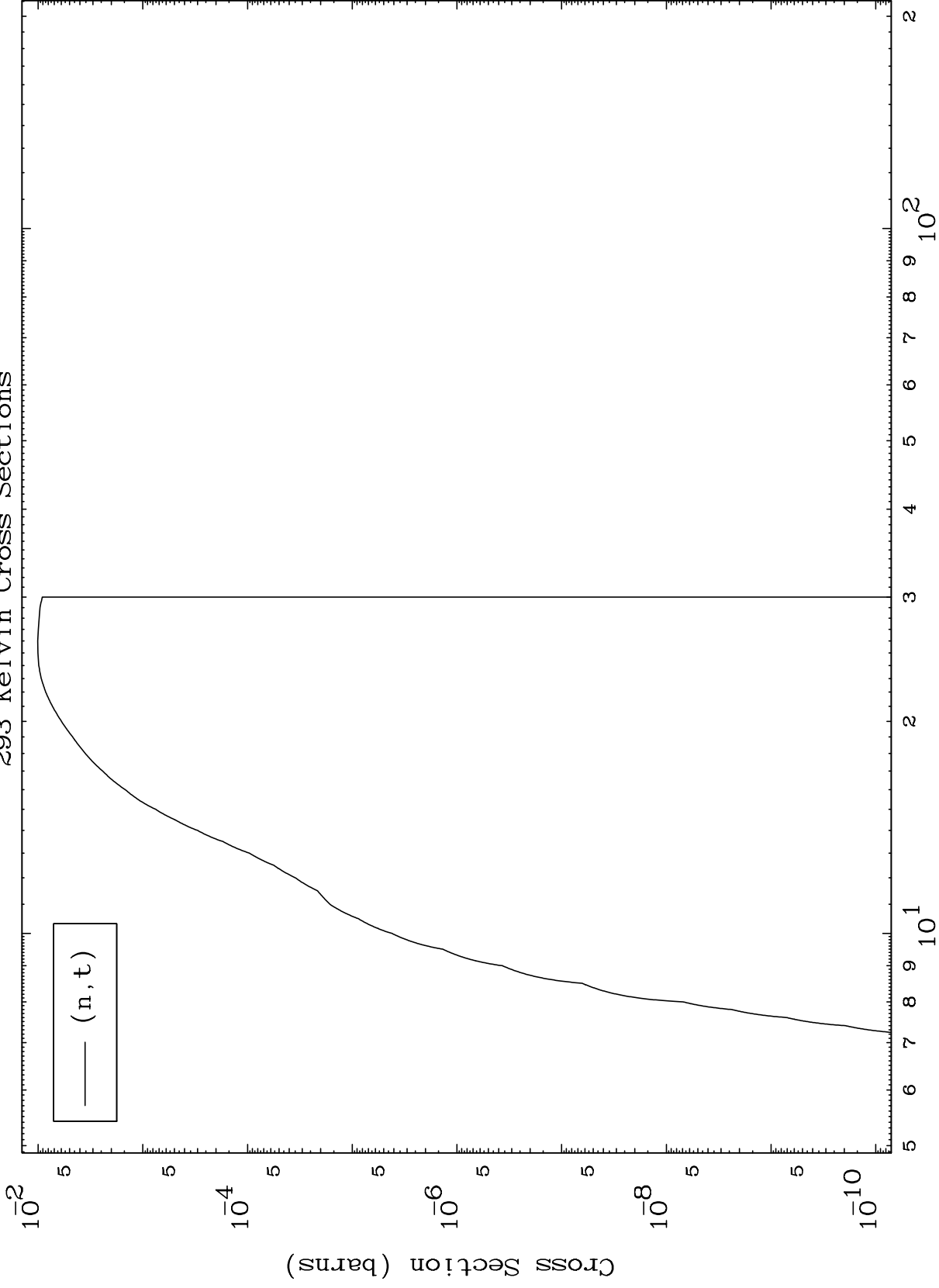
Incident Energy (MeV)

35-Br-78

MAT 3522

(n,t) Levels
293 Kelvin Cross Sections

35-Br-78



14

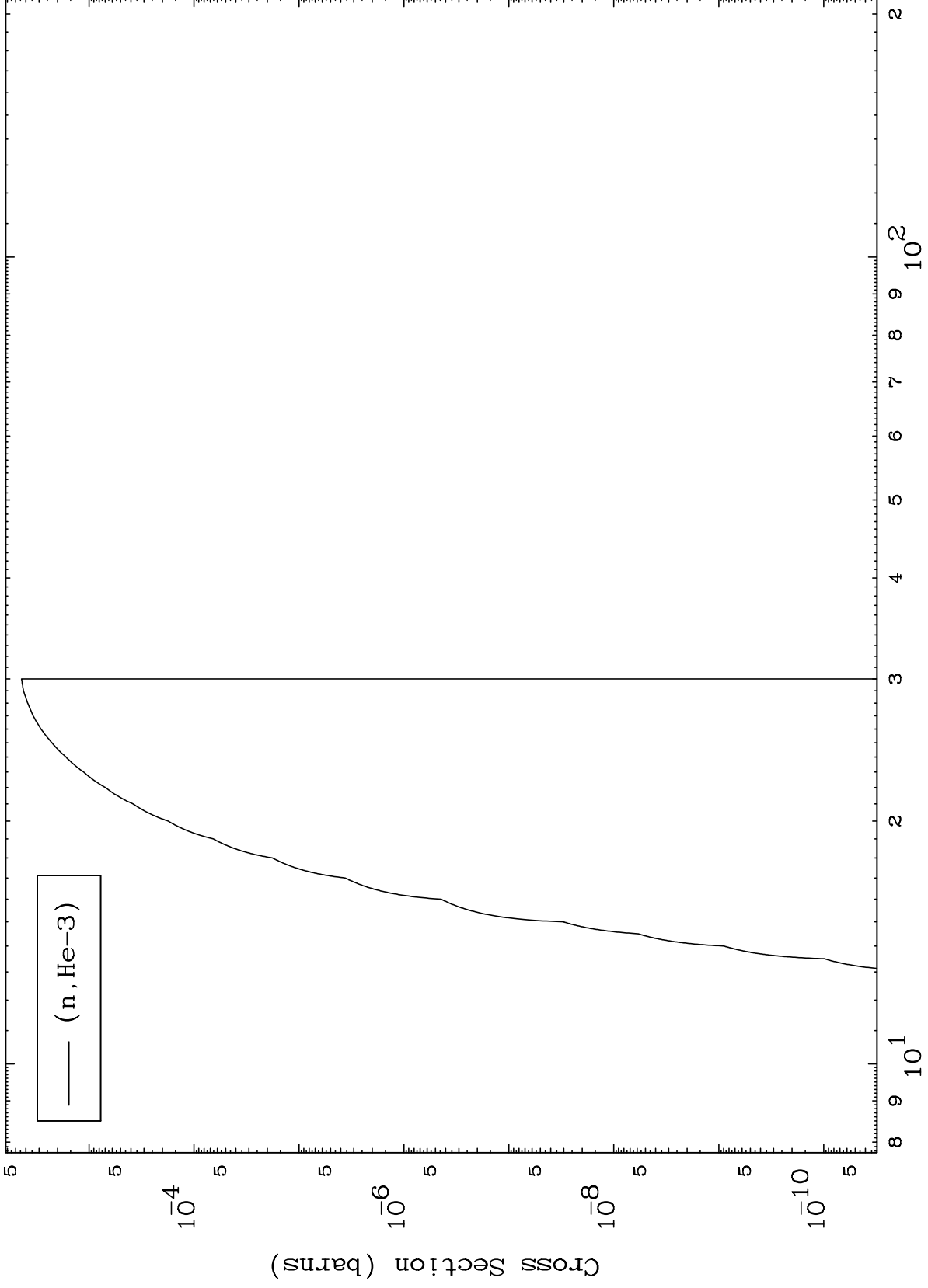
Incident Energy (MeV)

35-Br-78

MAT 3522

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-78



15

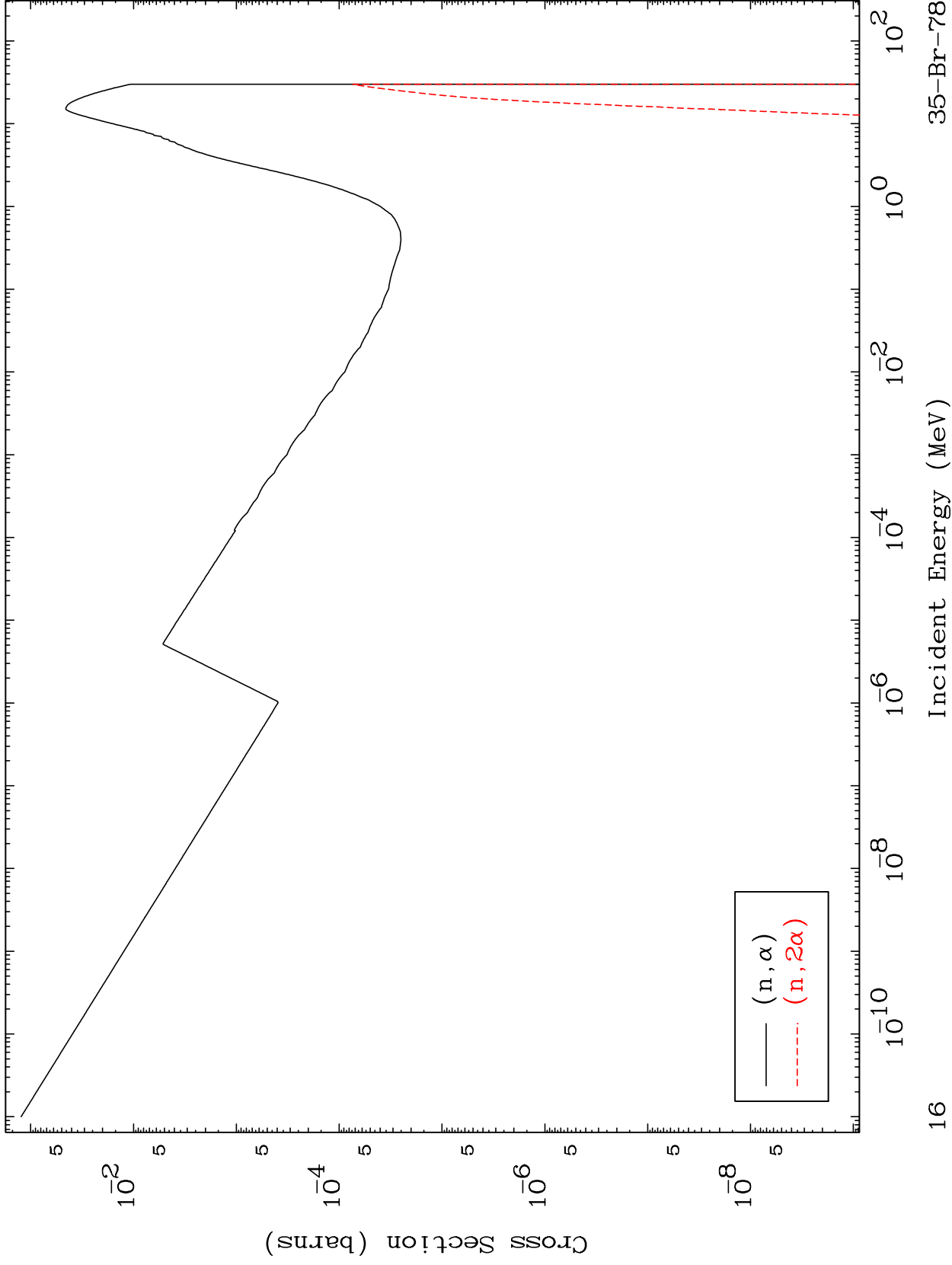
Incident Energy (MeV)

35-Br-78

MAT 3522

(n, α) Levels
293 Kelvin Cross Sections

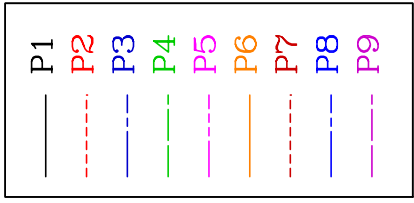
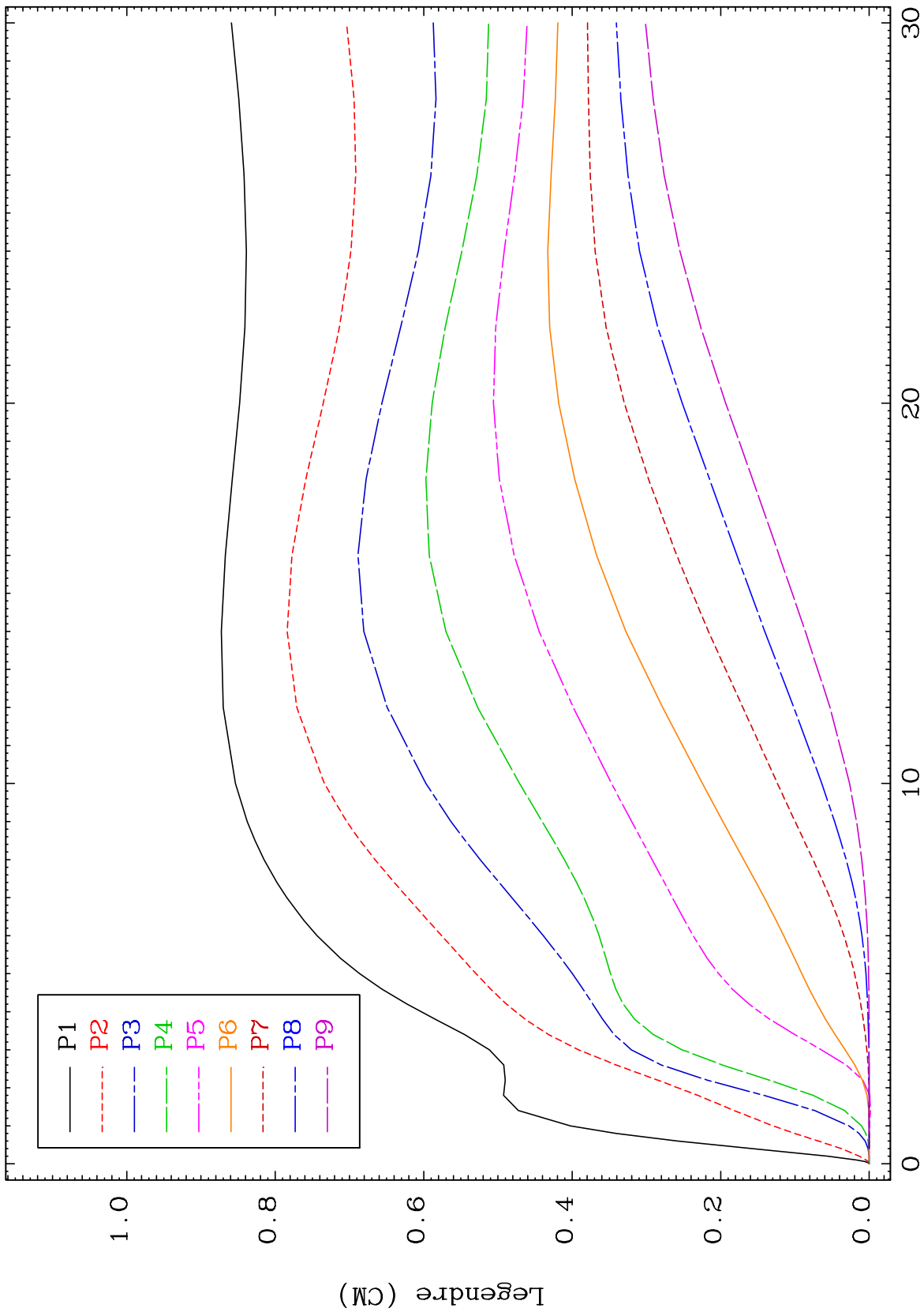
35-Br-78



MAT 3522

Elastic Legendre Coefficients

³⁵Br-78



17

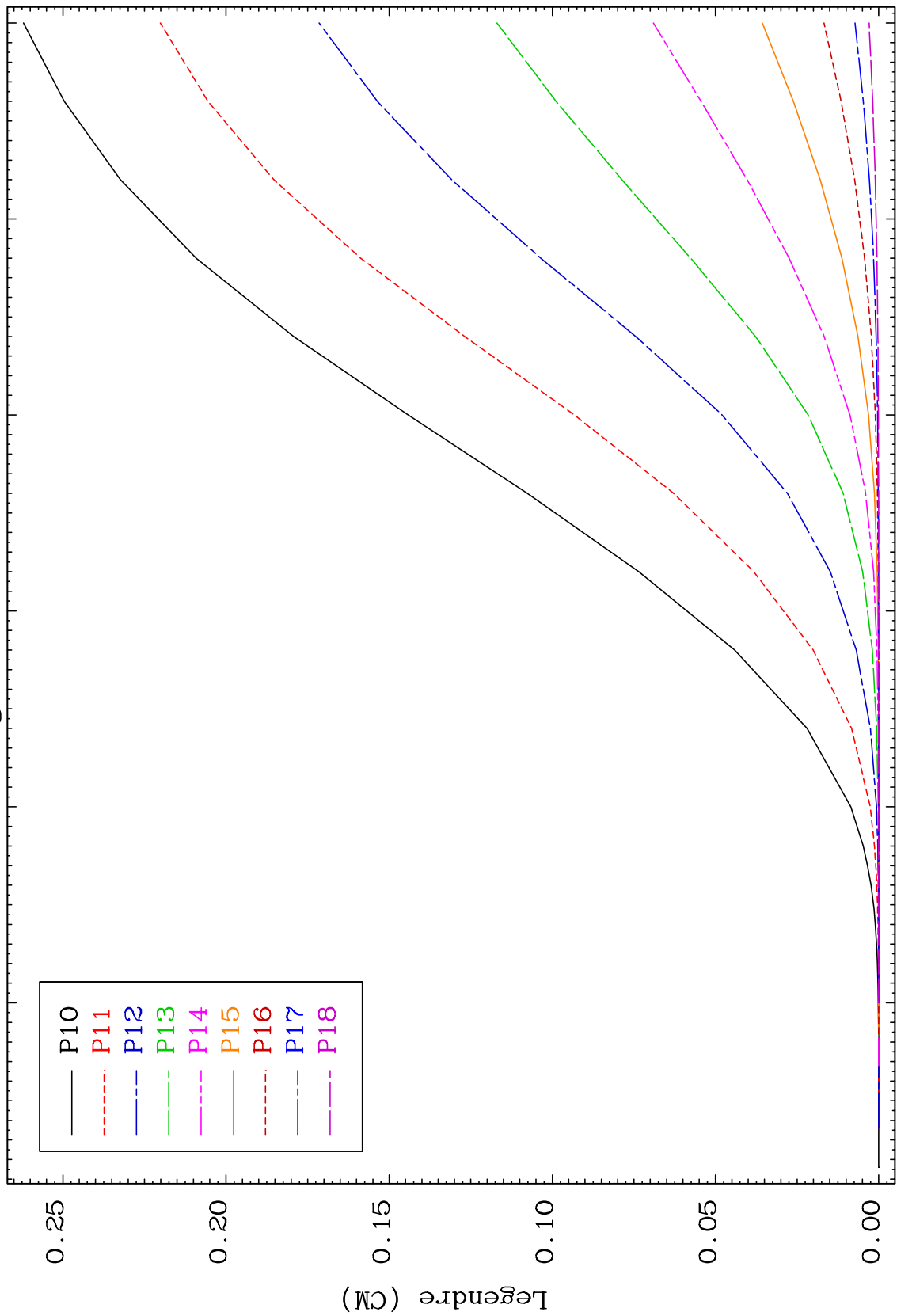
Incident Energy (MeV)

³⁵Br-78

MAT 3522

Elastic Legendre Coefficients

³⁵Br-78



18

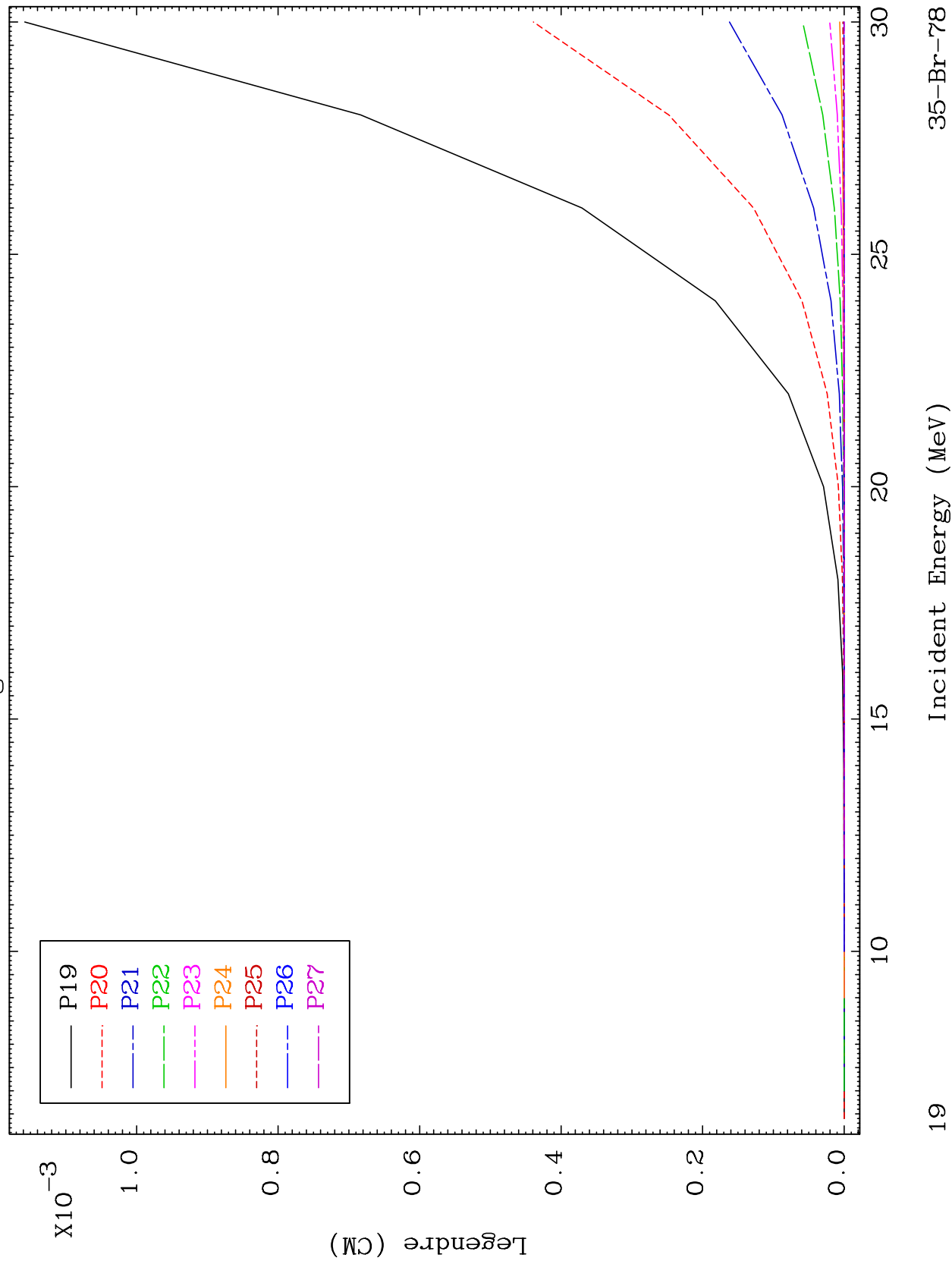
Incident Energy (MeV)

³⁵Br-78

MAT 3522

Elastic Legendre Coefficients

³⁵Br-78



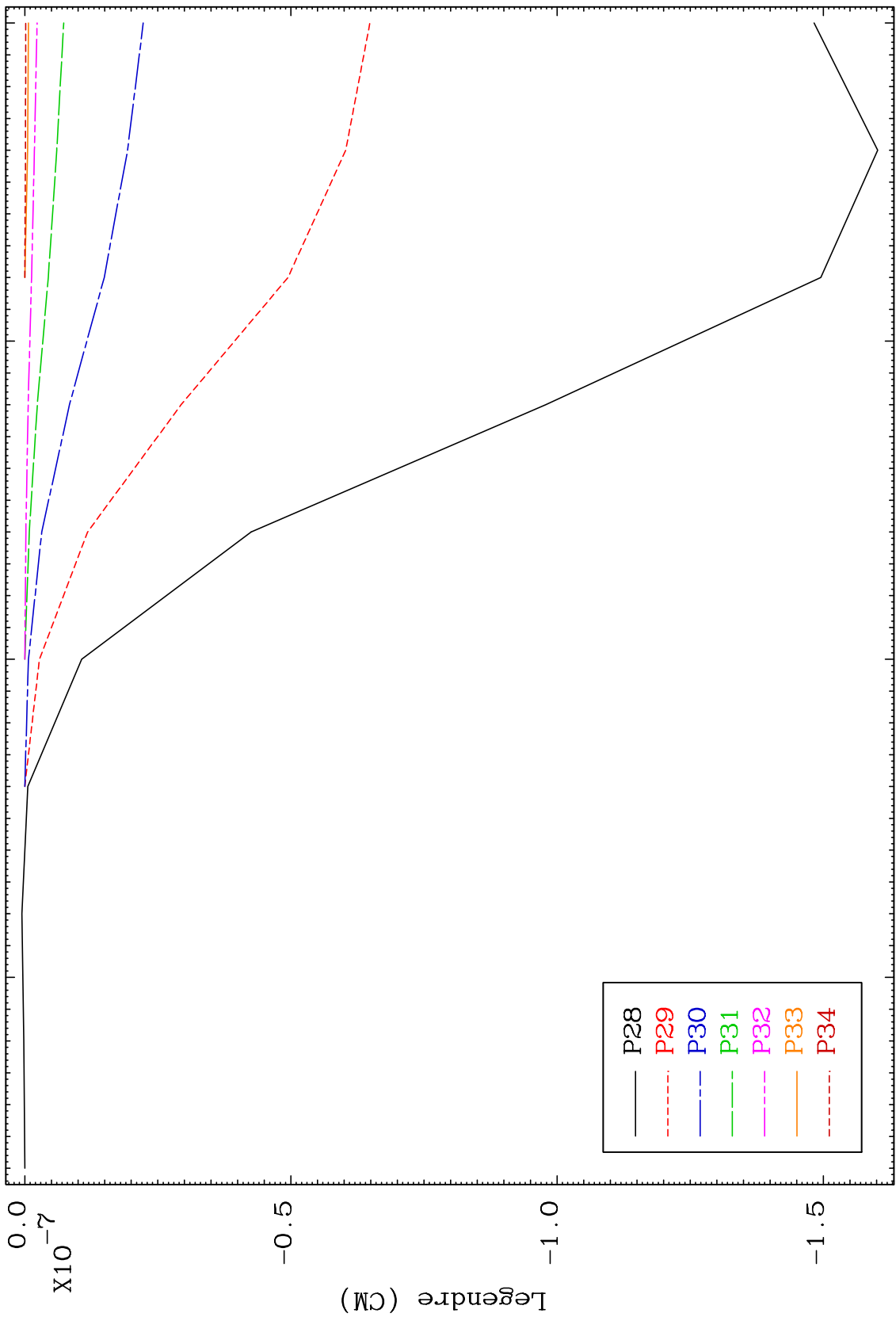
19

³⁵Br-78

MAT 3522

35-Br-78

Elastic Legendre Coefficients



10^{-7}

Legendre (CM)

15

20

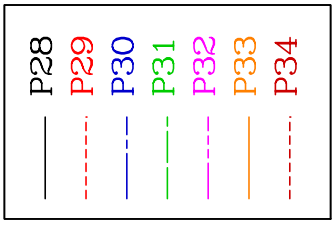
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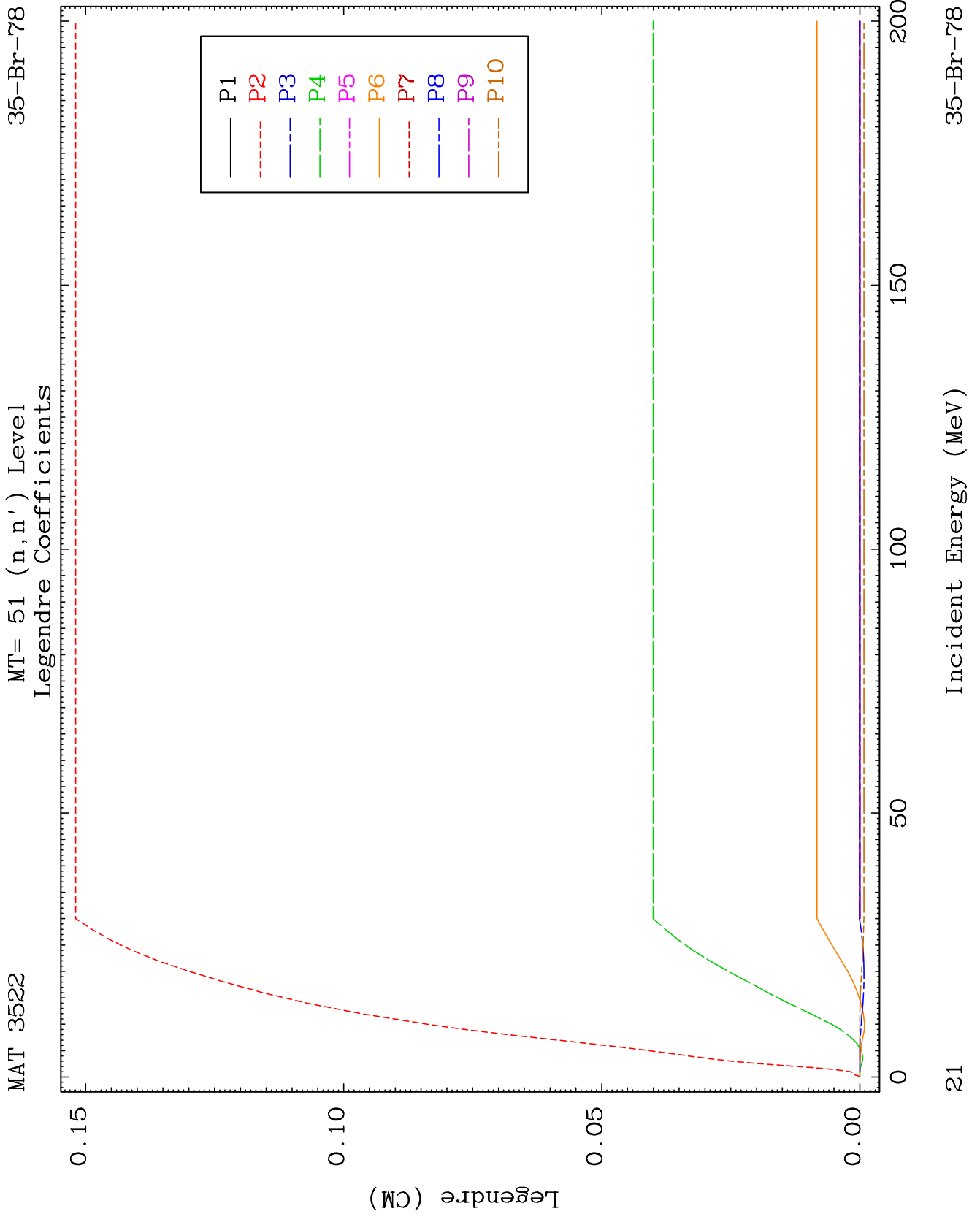
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20

Incident Energy (MeV)

35-Br-78

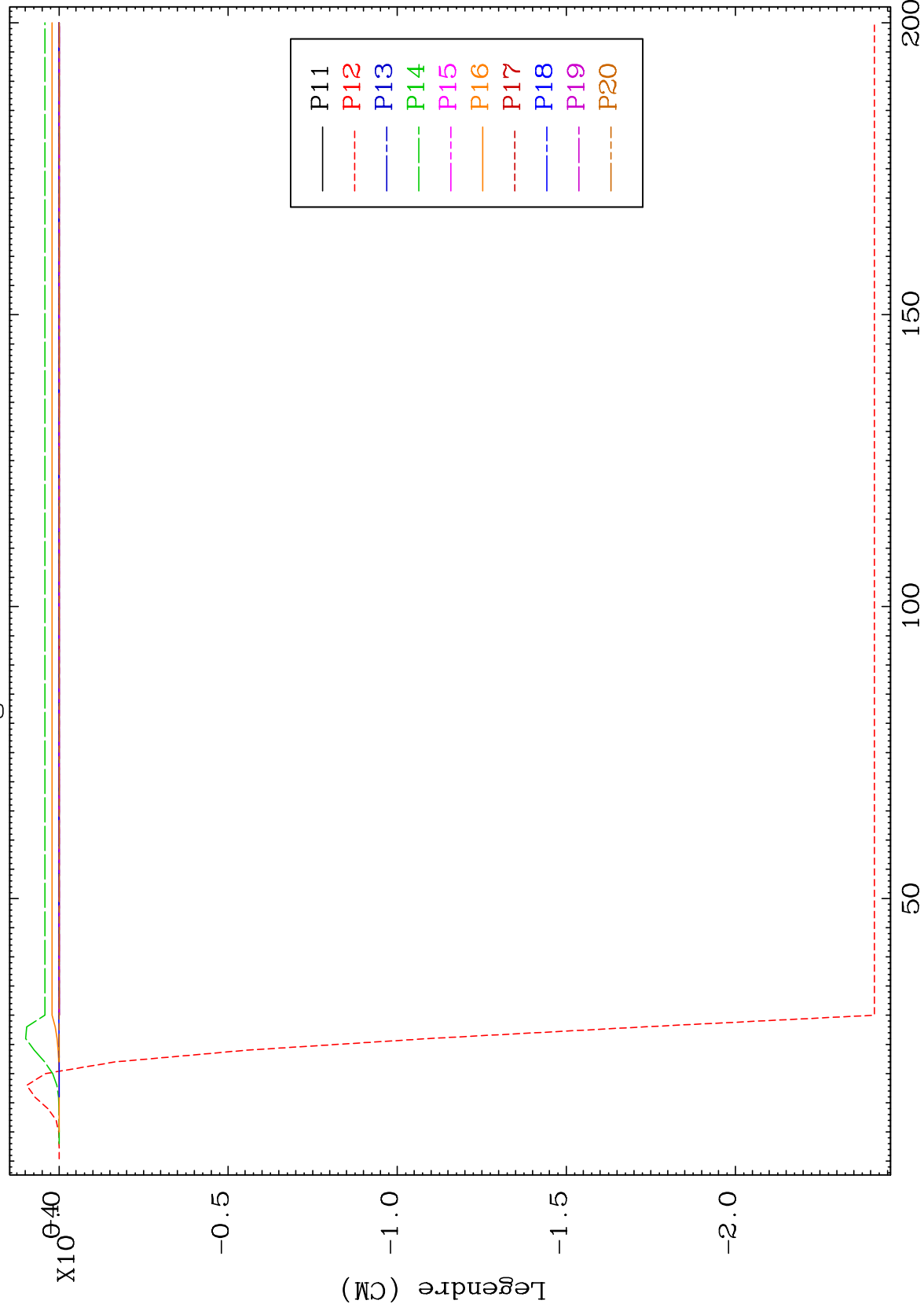




MAT 3522

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

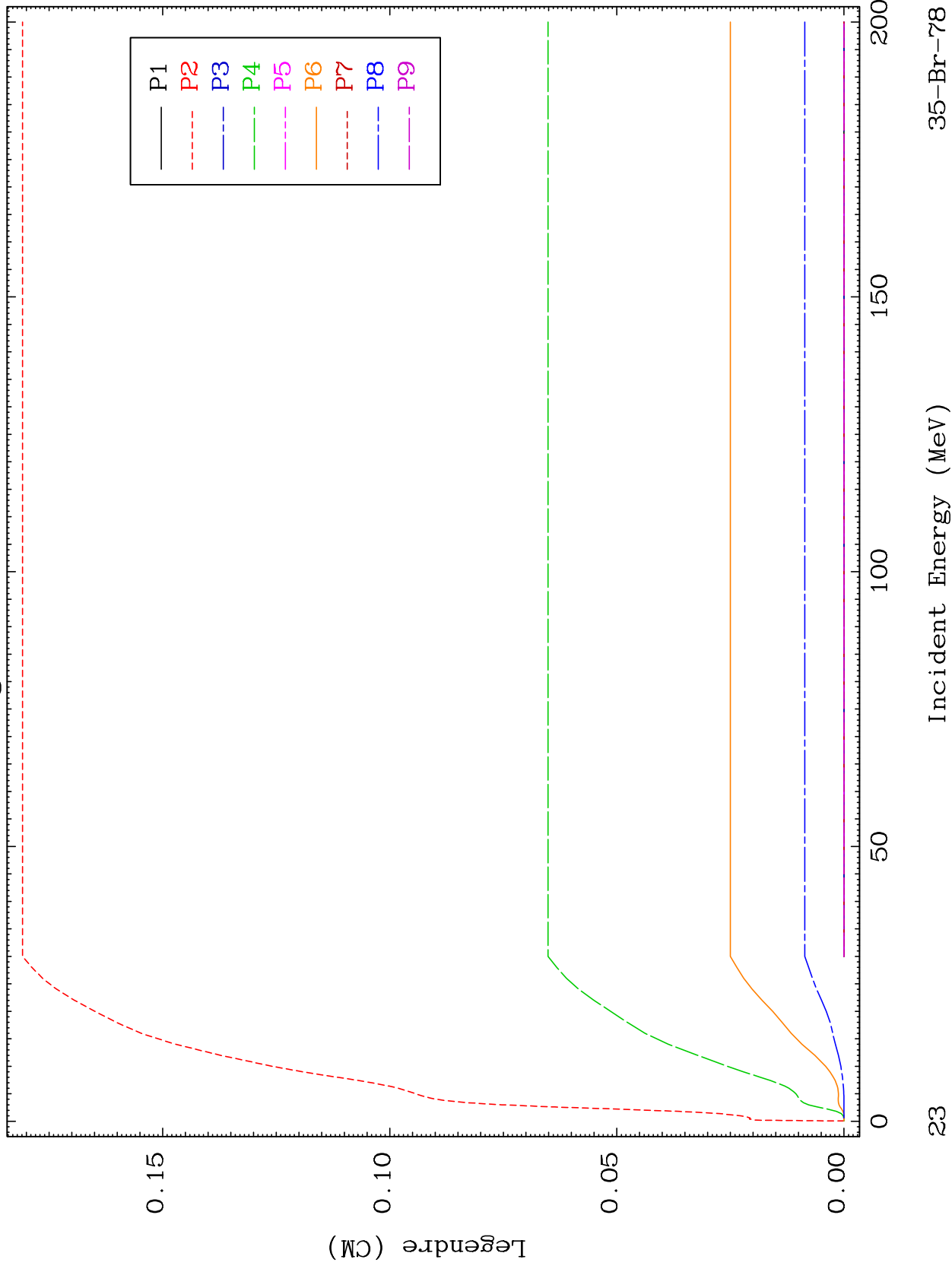
35-Br-78



MAT 3522

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

35-Br-78

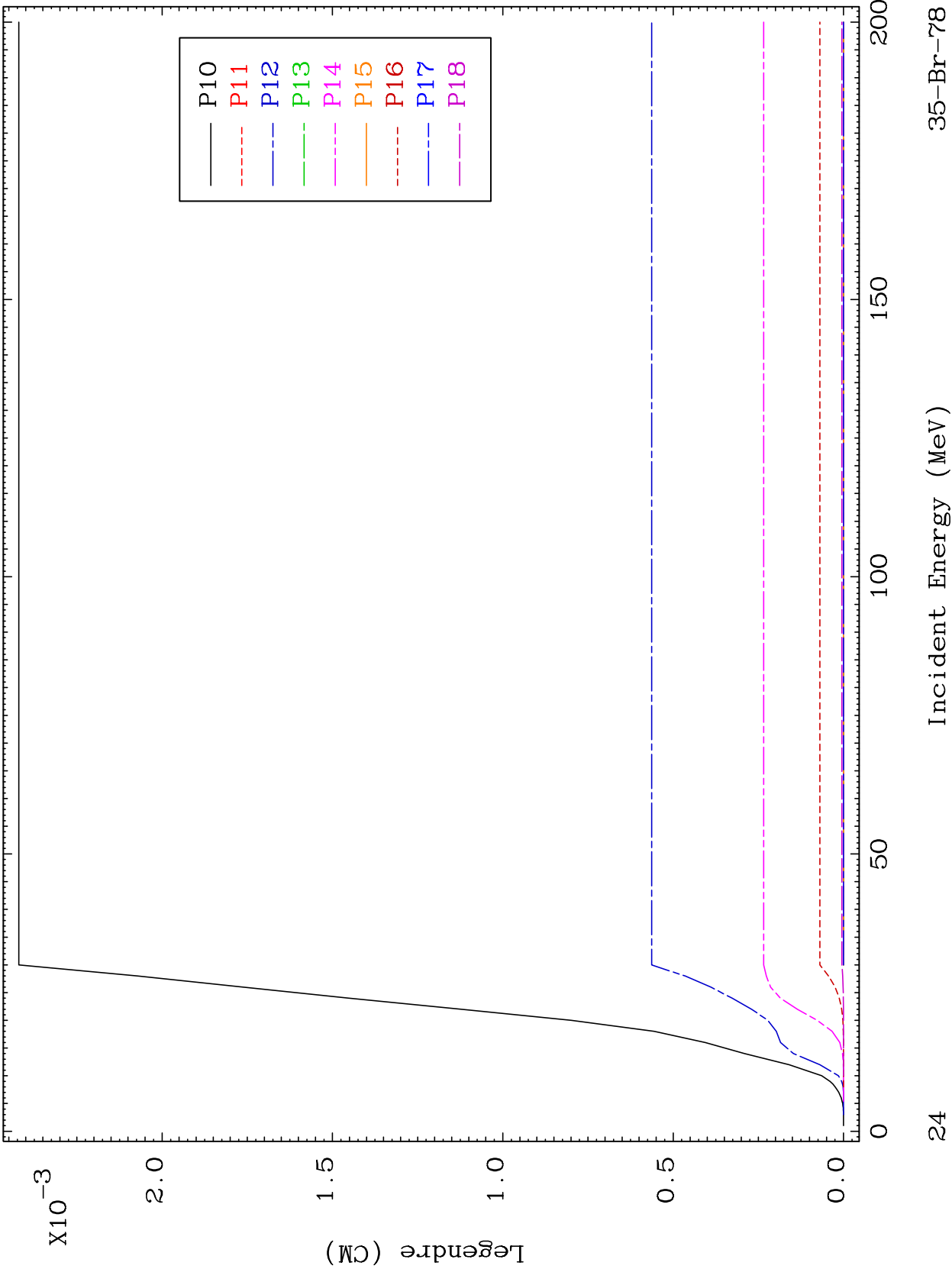


23

MAT 3522

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

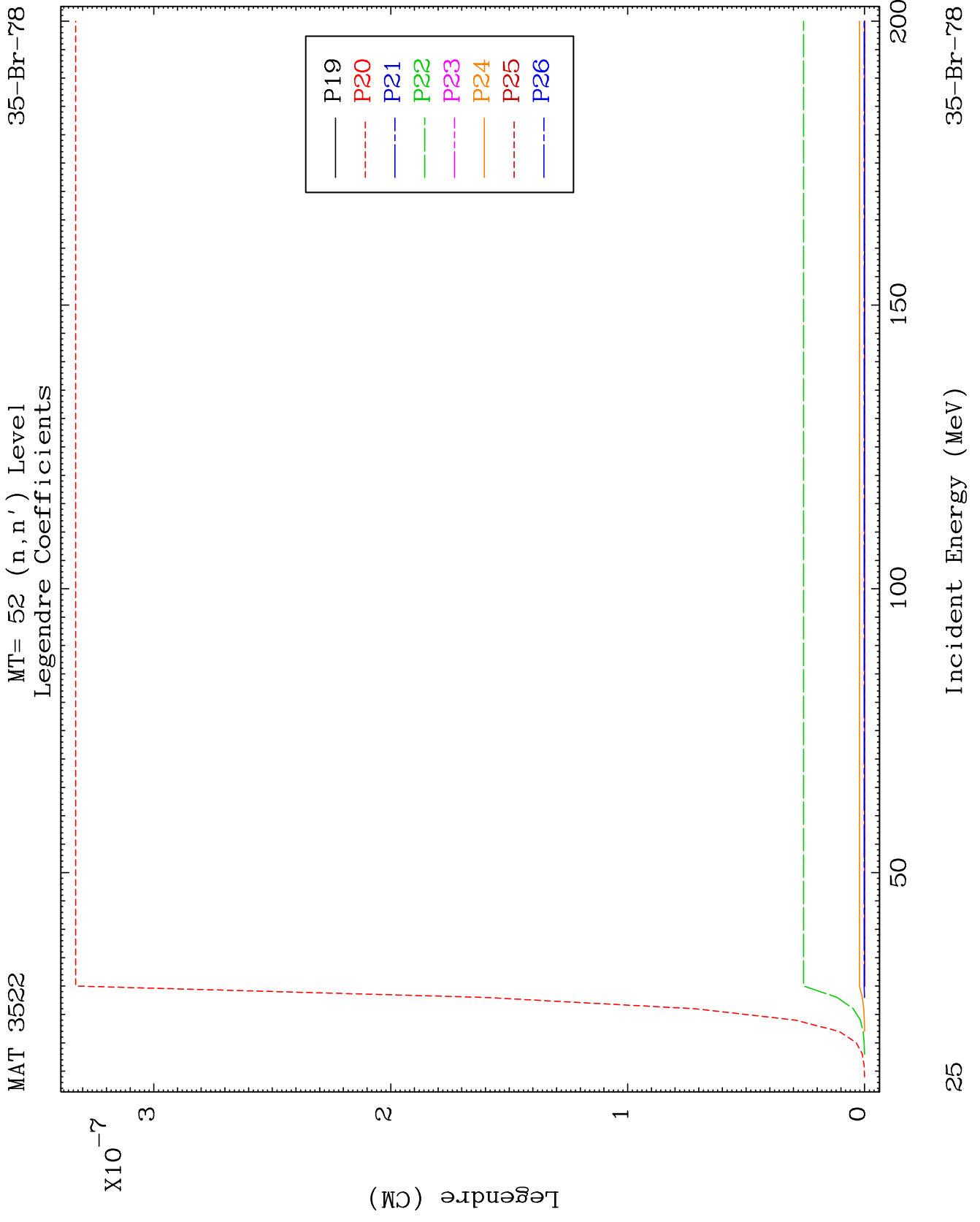
35-Br-78



24

Incident Energy (MeV)

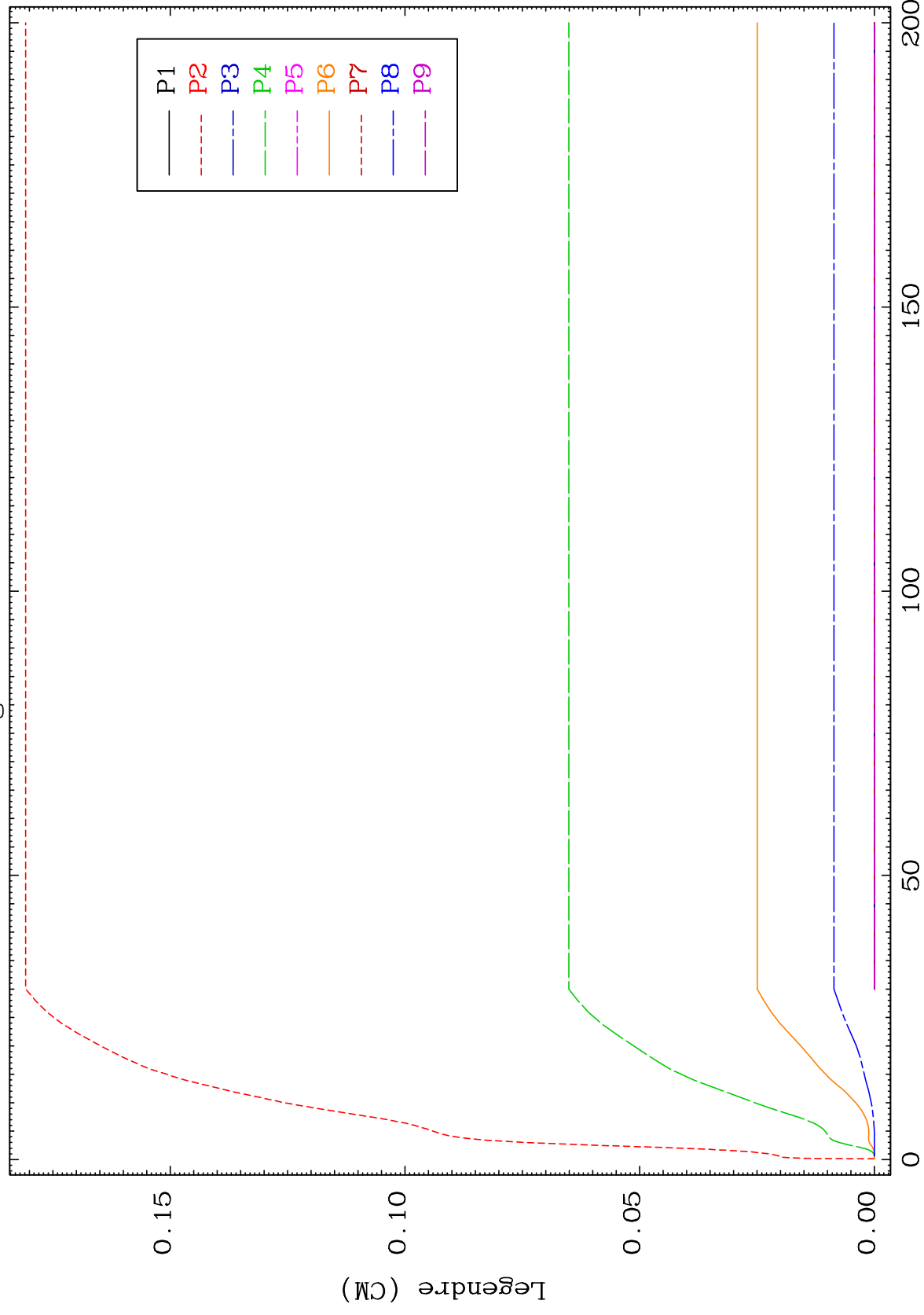
35-Br-78



MAT 3522

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

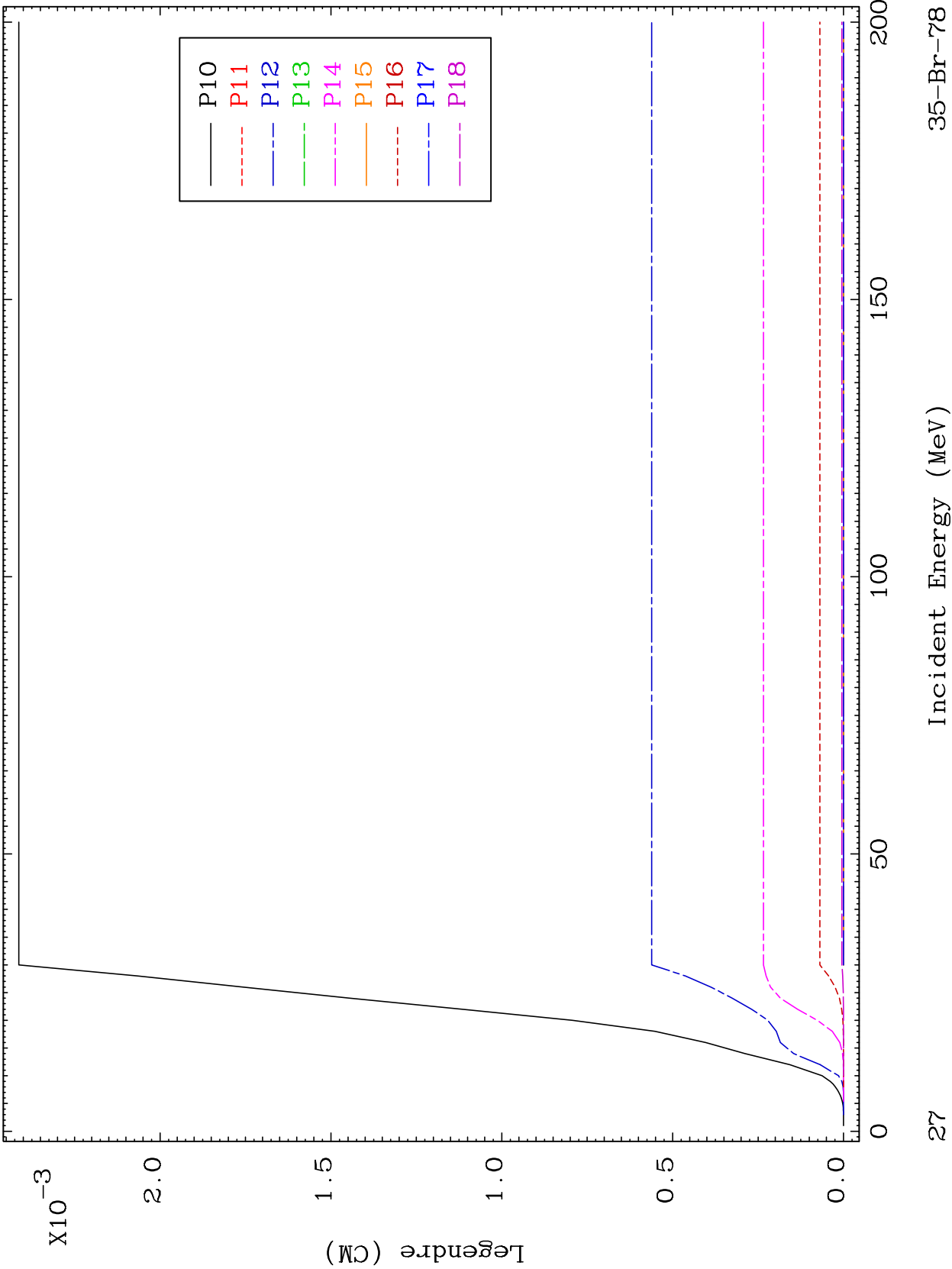
35-Br-78



26

Incident Energy (MeV)

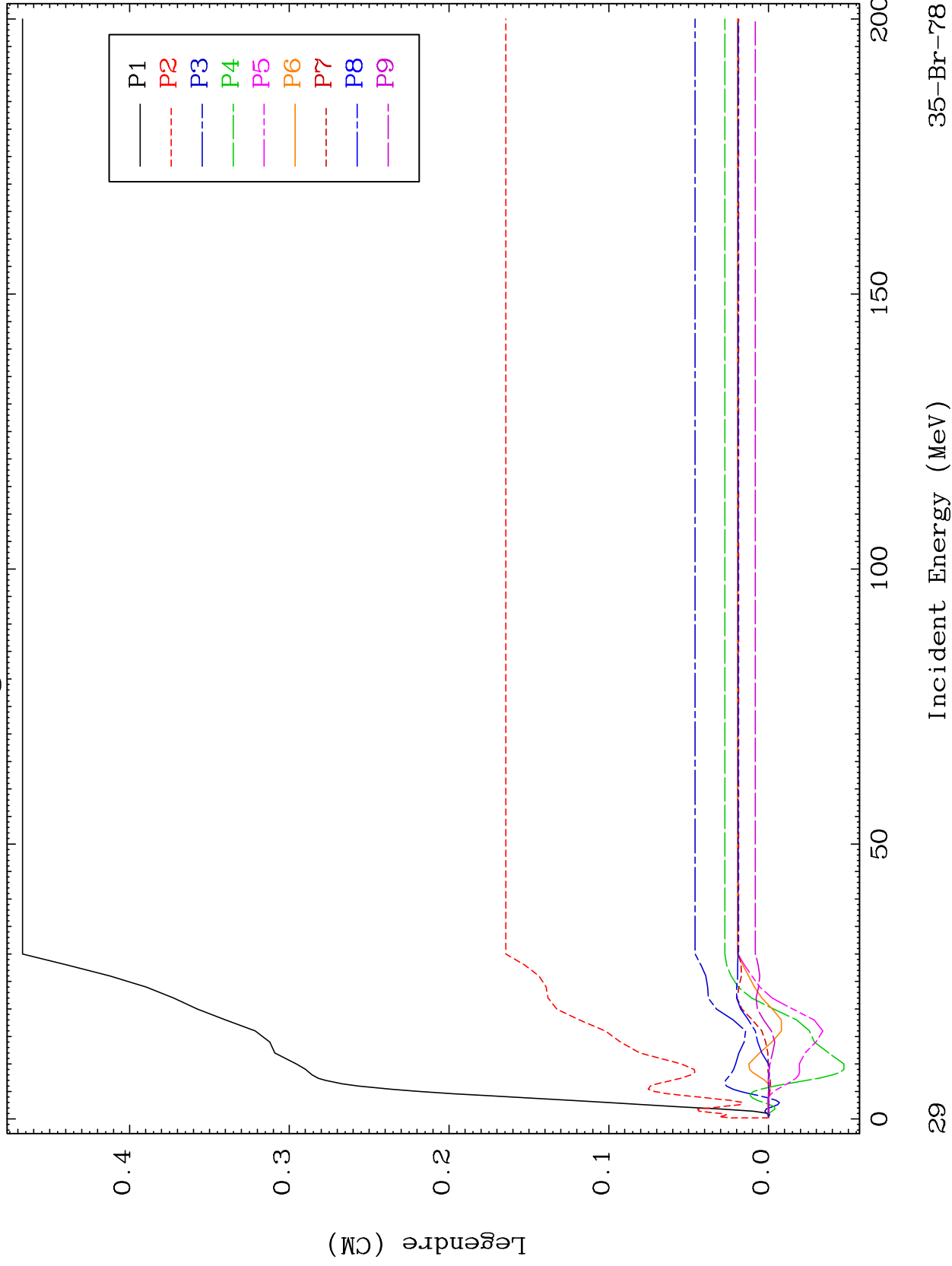
35-Br-78



MAT 3522

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

35-Br-78



29

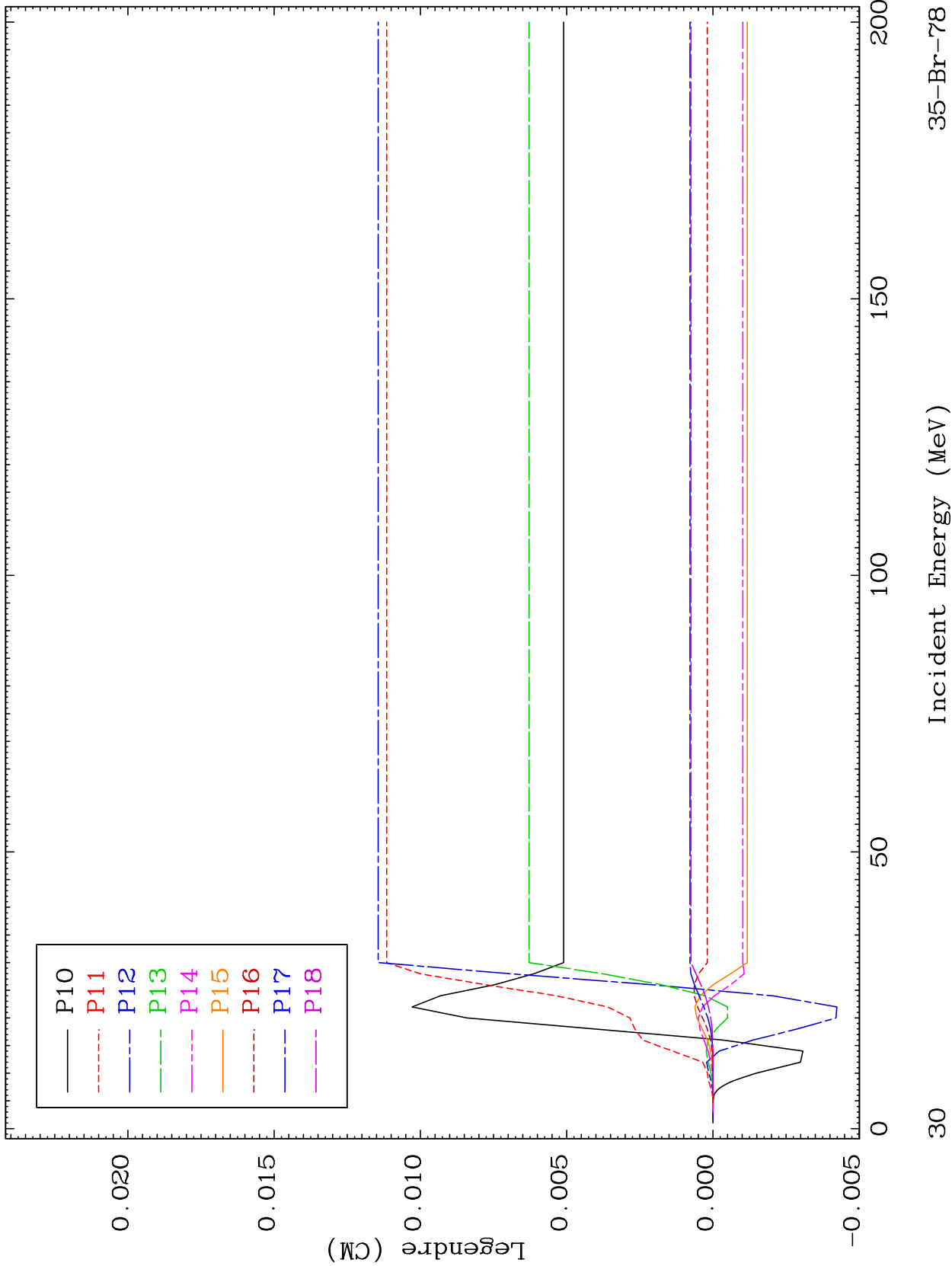
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



35-Br-78

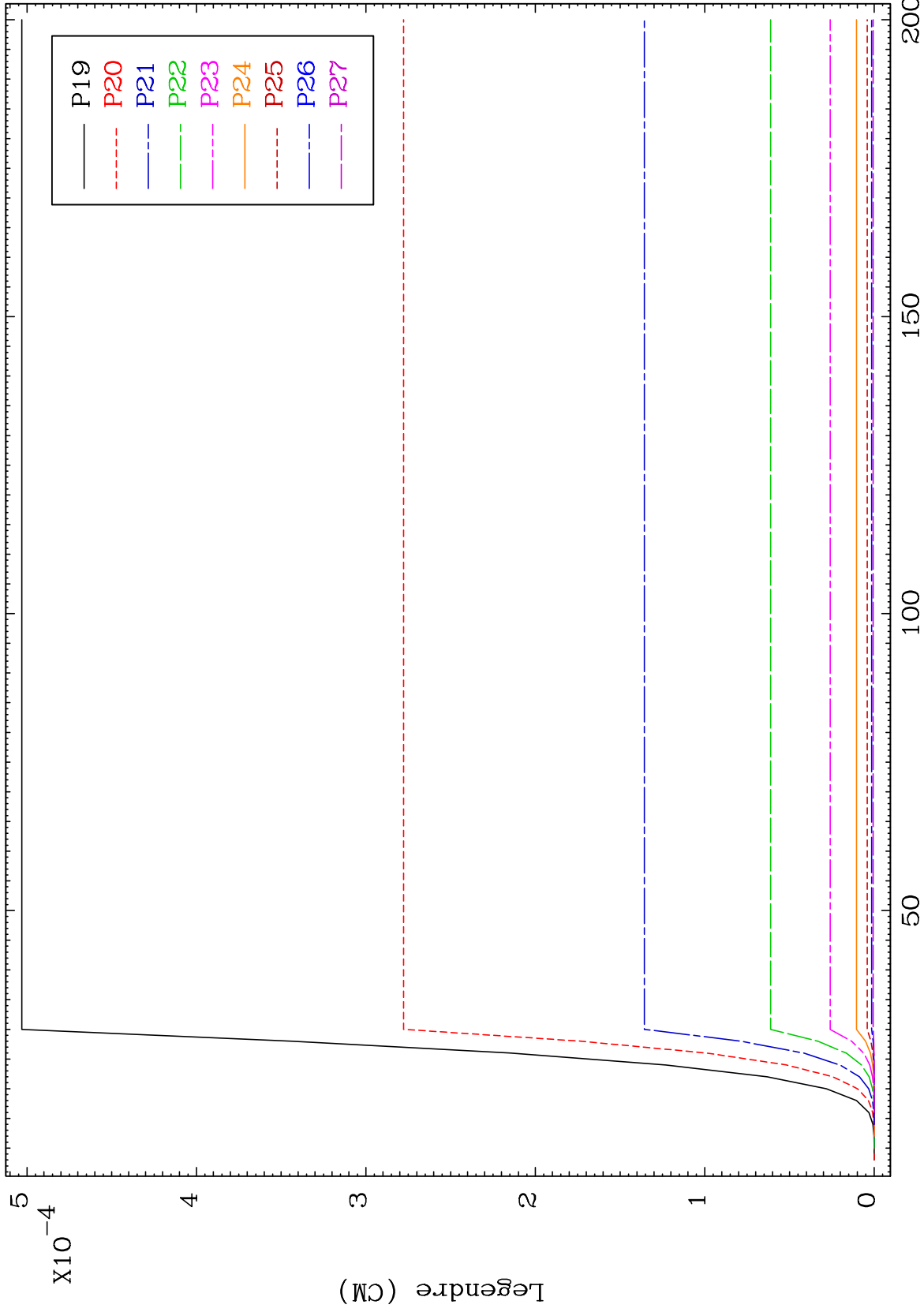
Incident Energy (MeV)

30

MAT 3522

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

35-Br-78



31

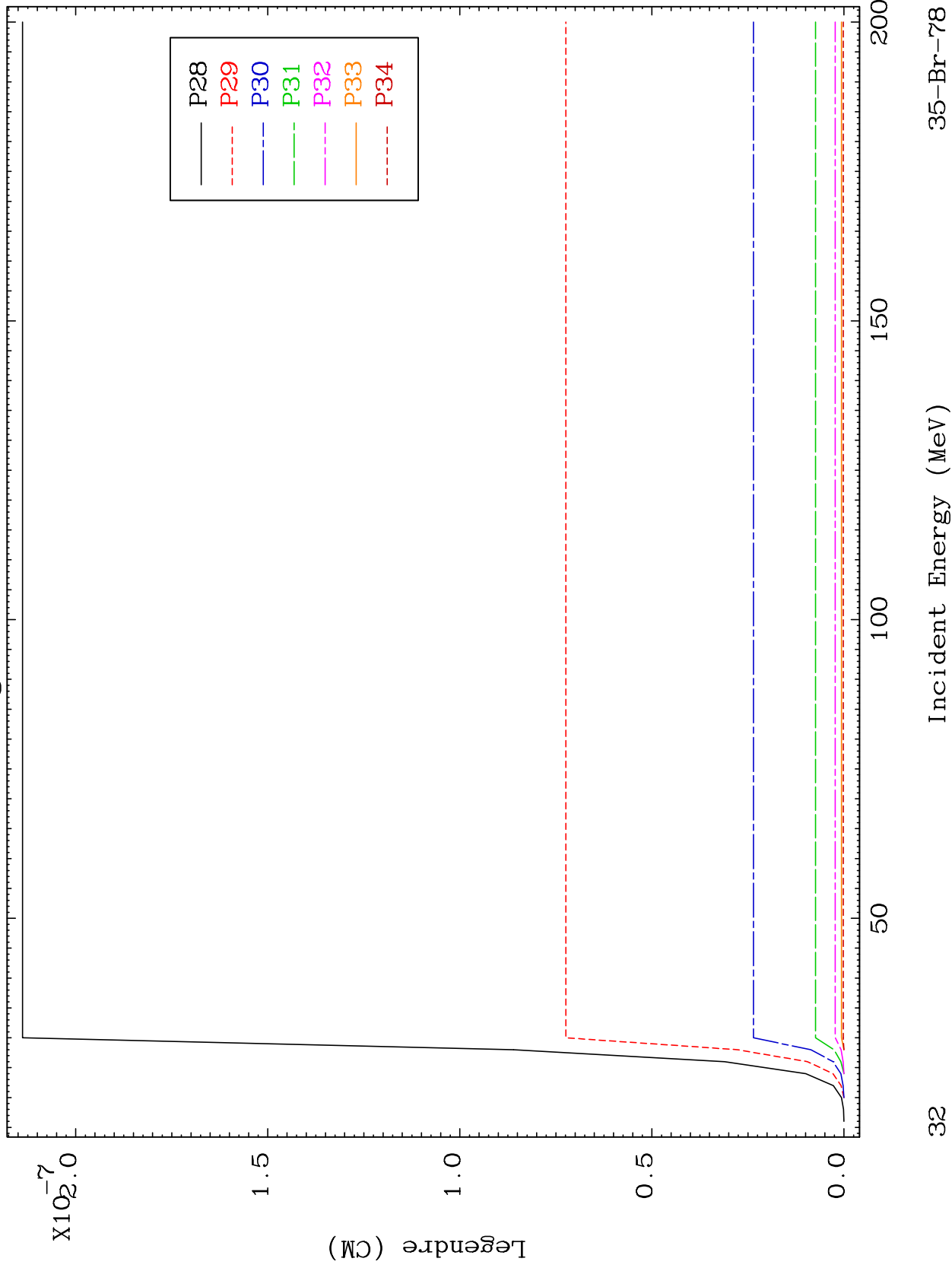
Incident Energy (MeV)

35-Br-78

MAT 3522

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

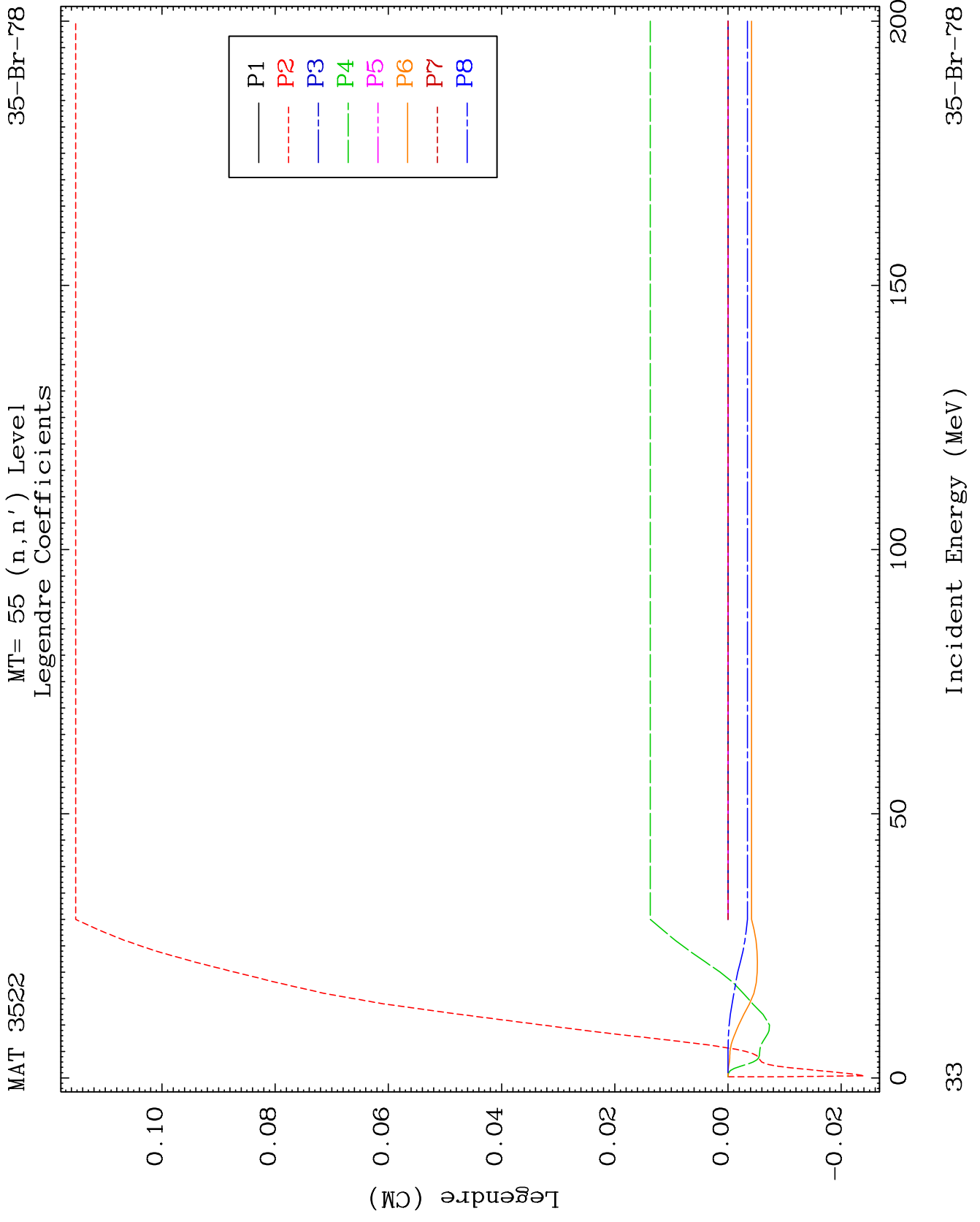
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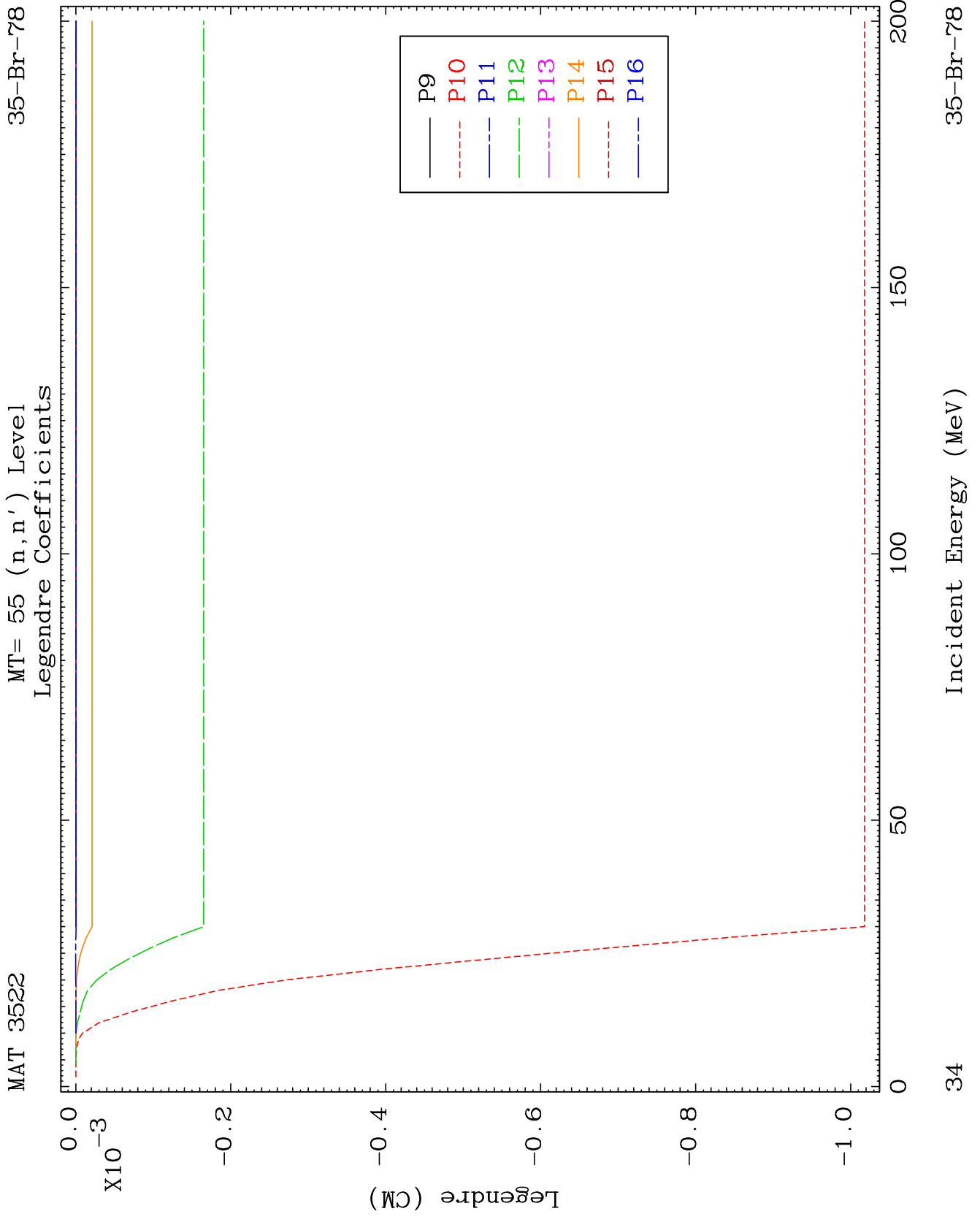


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Incident Energy (MeV)

35-Br-78

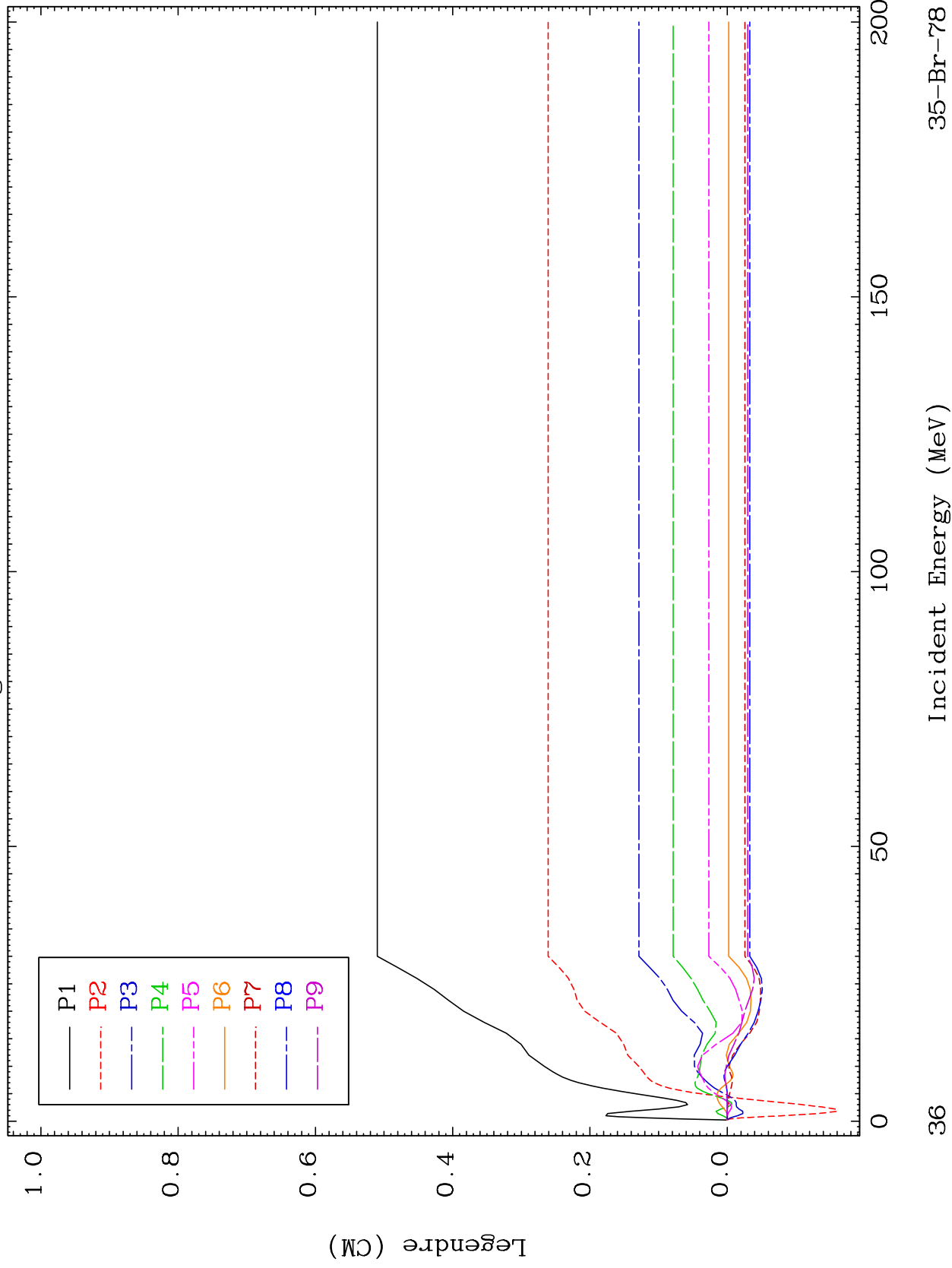




MAT 3522

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

35-Br-78



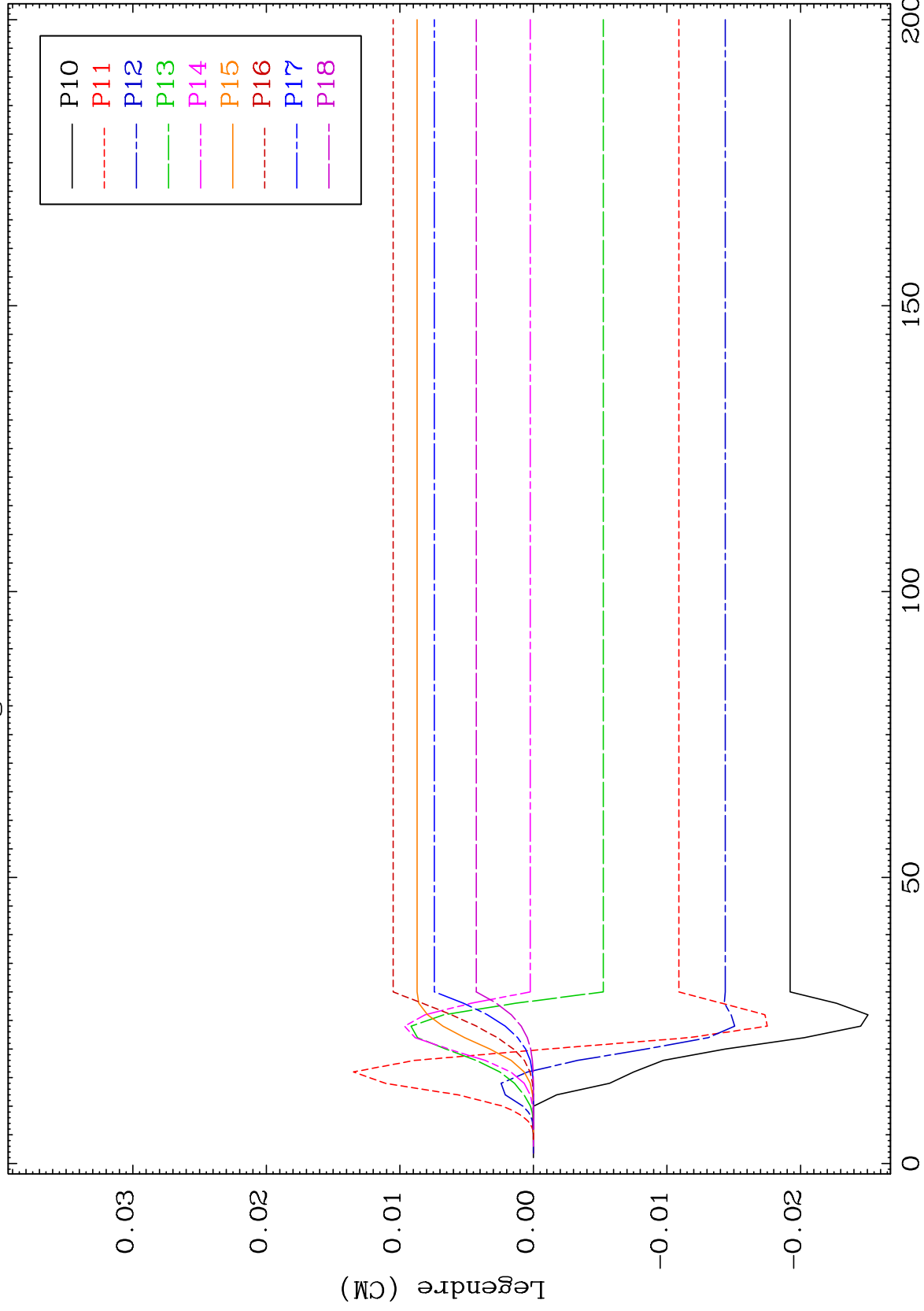
36

35-Br-78

MAT 3522

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

35-Br-78



37

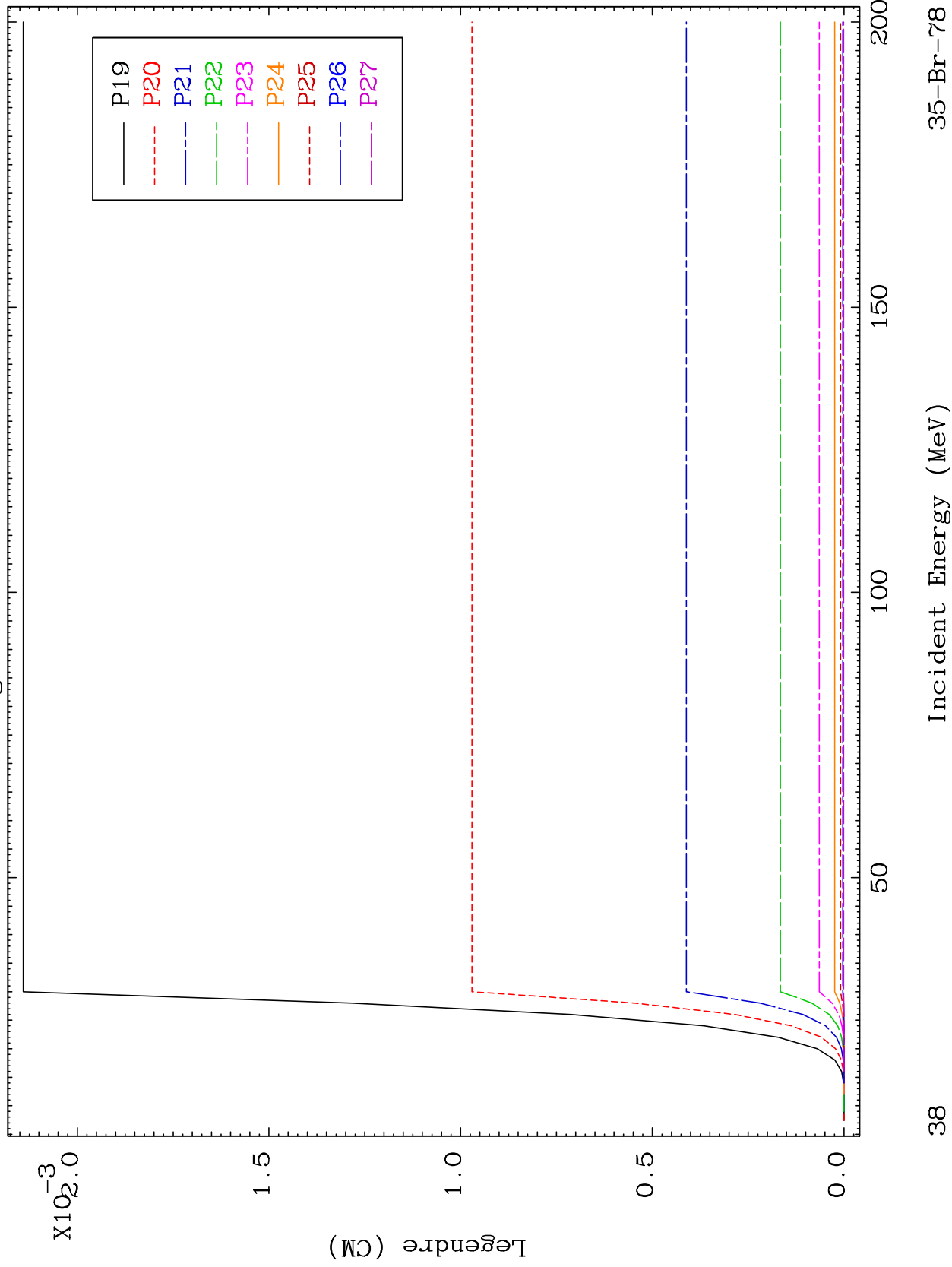
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



38

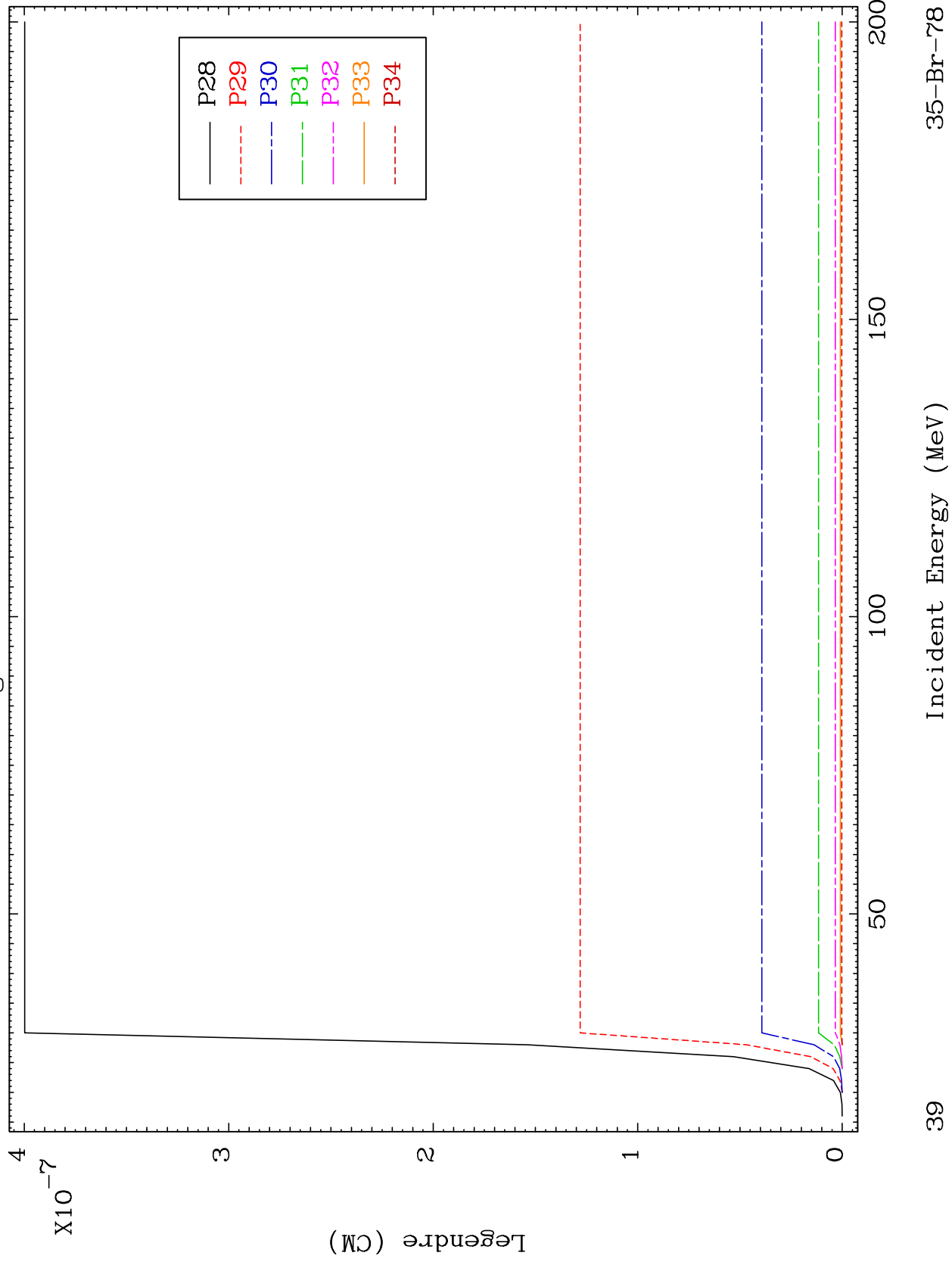
Incident Energy (MeV)

35-Br-78

MAT 3522

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

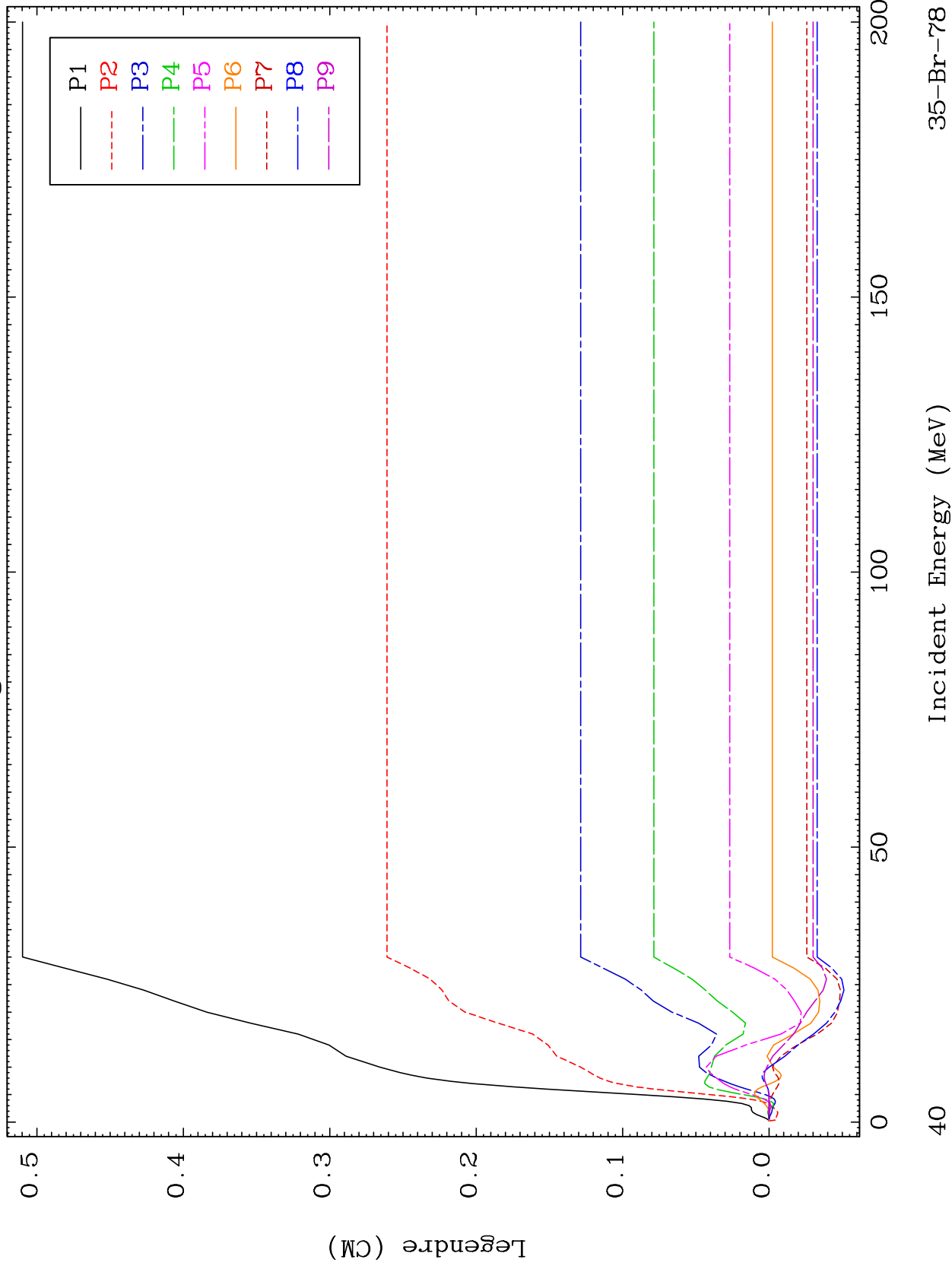
35-Br-78



MAT 3522

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

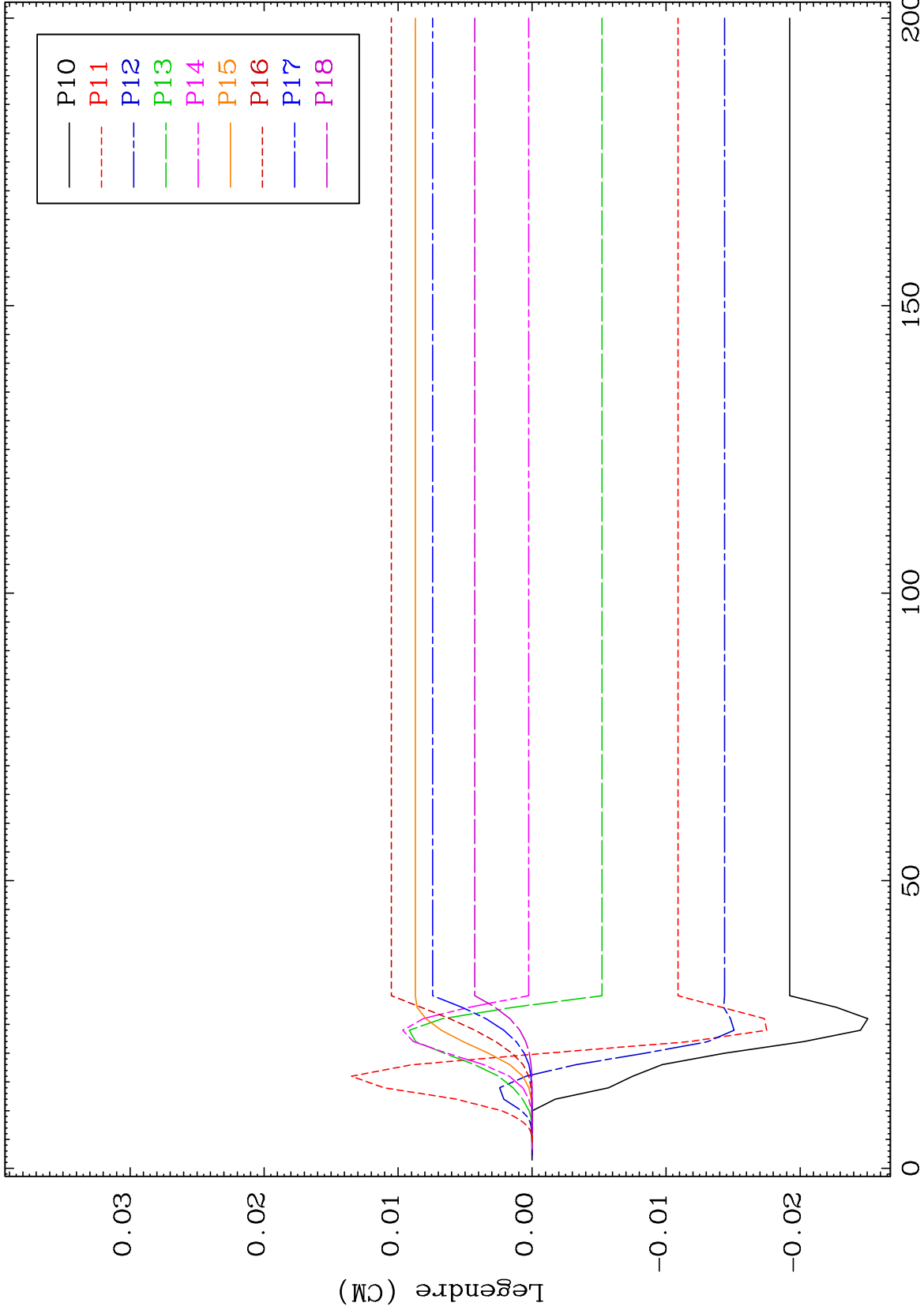
35-Br-78



MAT 3522

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

35-Br-78



41

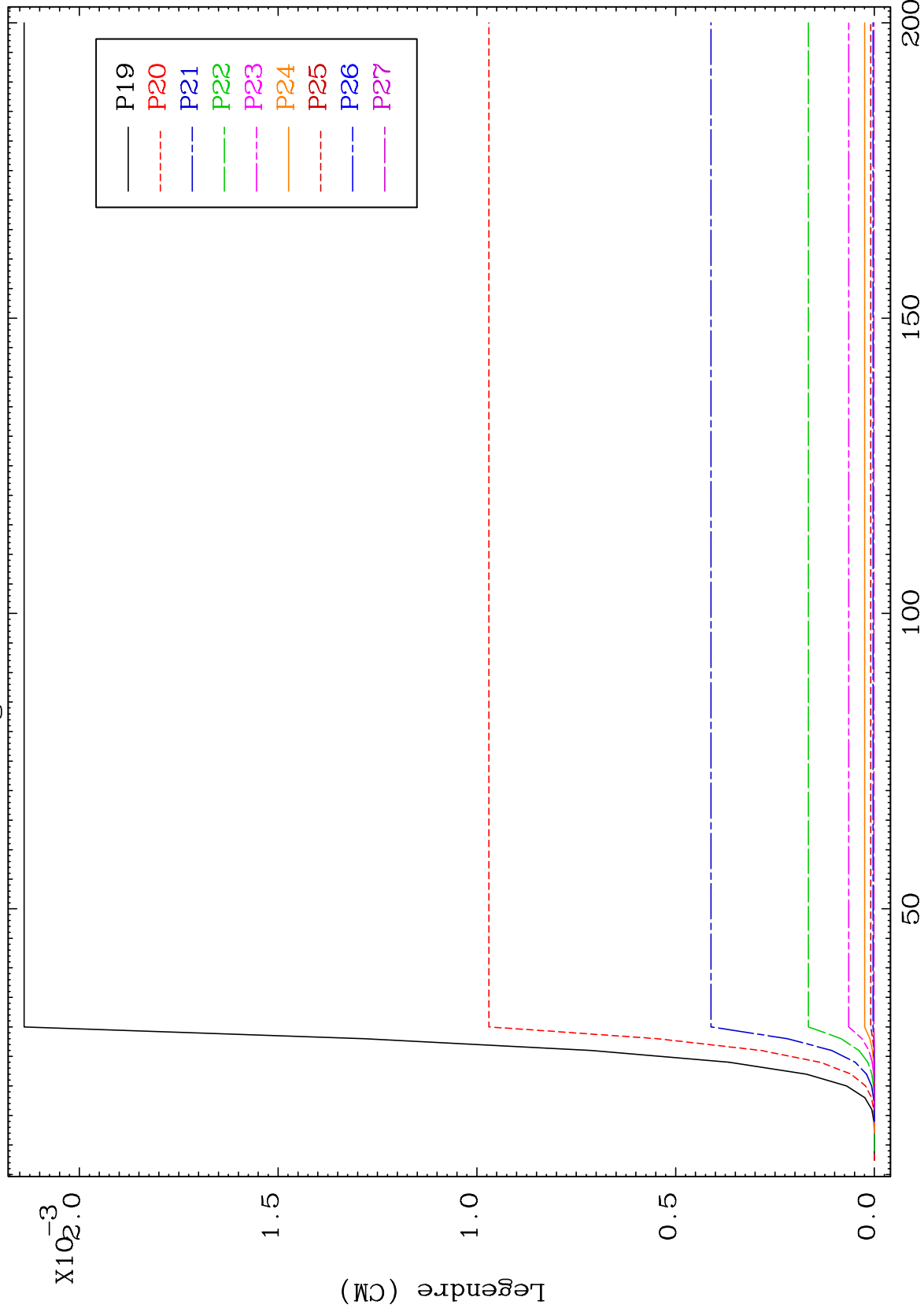
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



42

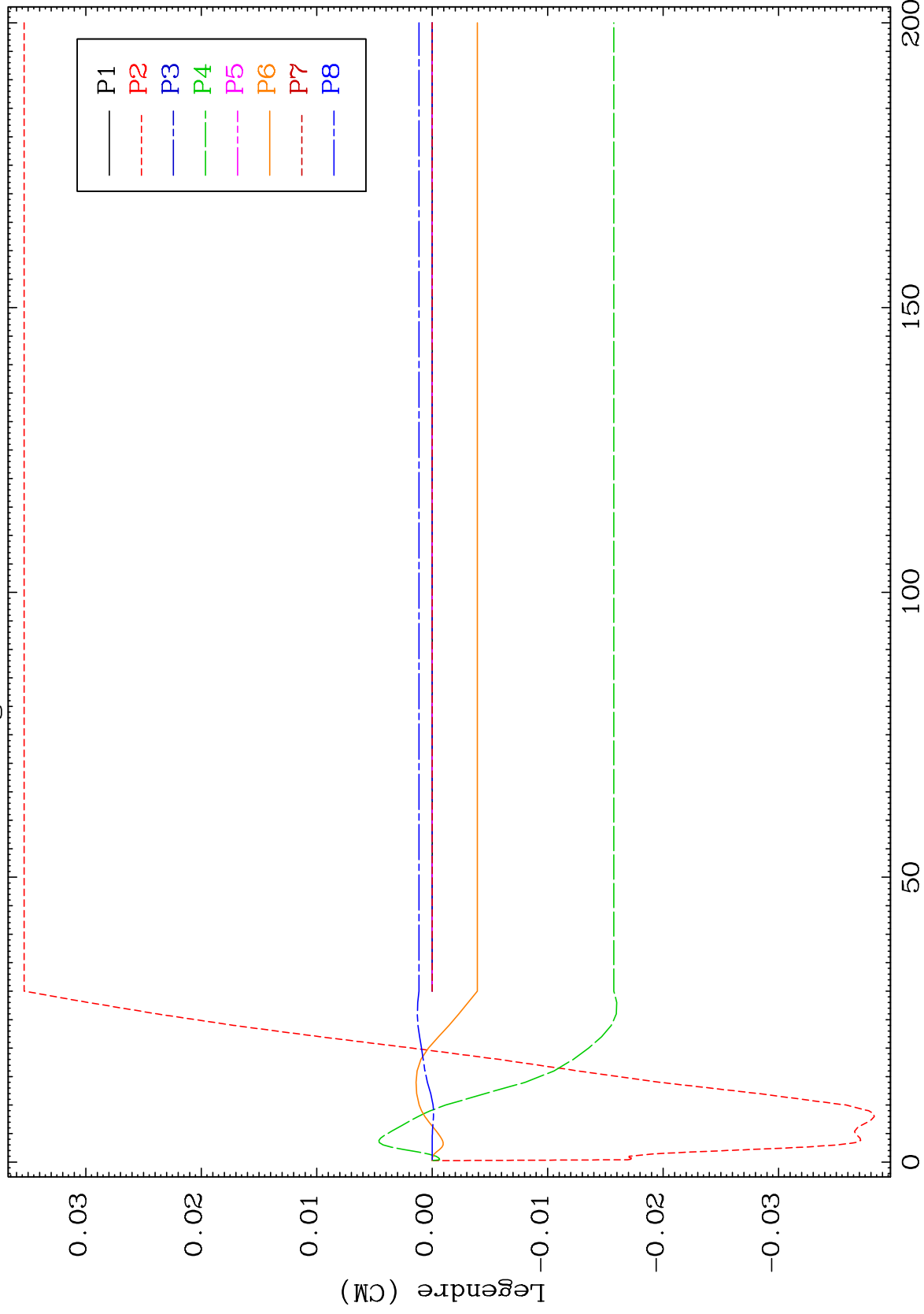
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



44

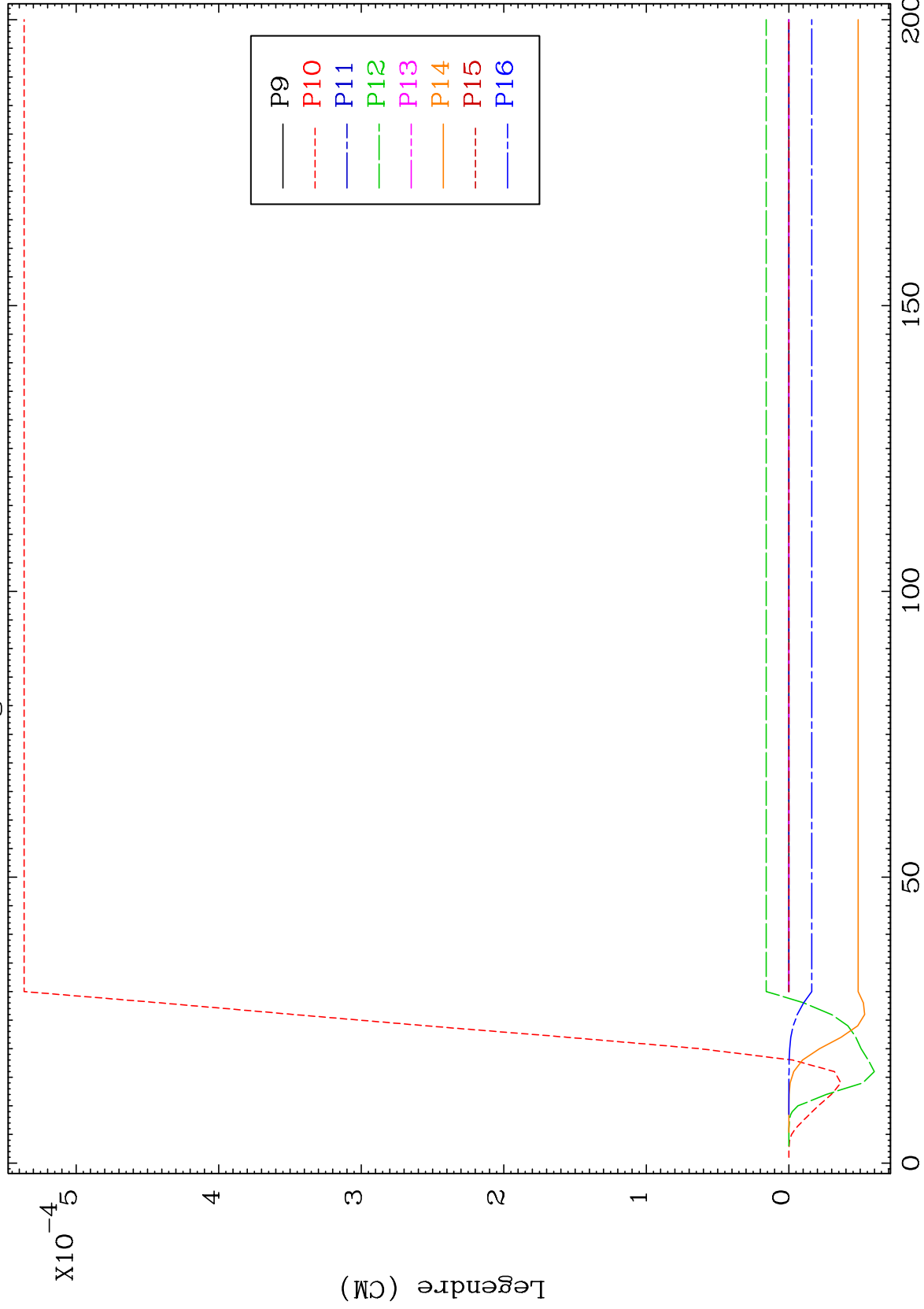
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



45

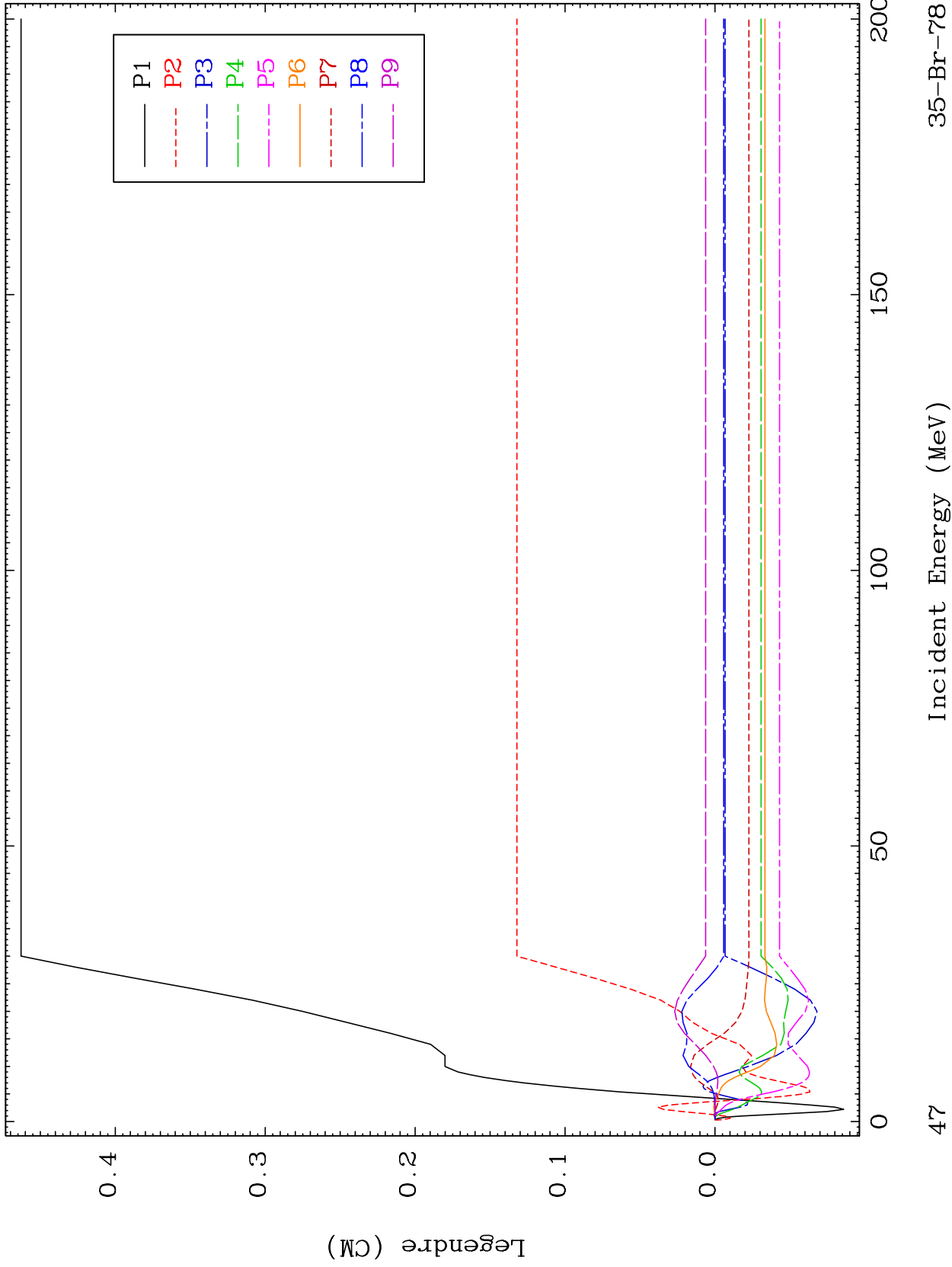
Incident Energy (MeV)

35-Br-78

MAT 3522

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

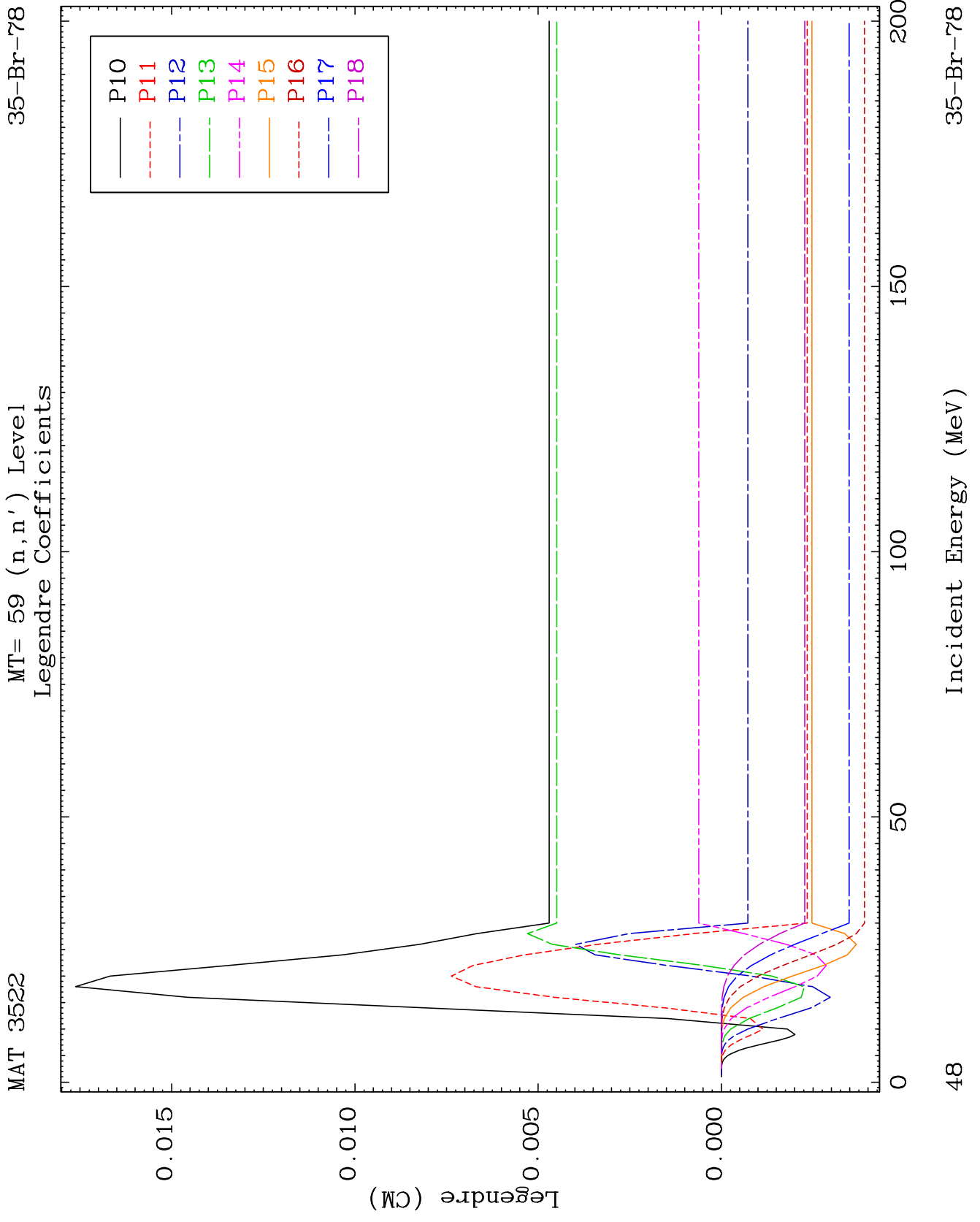
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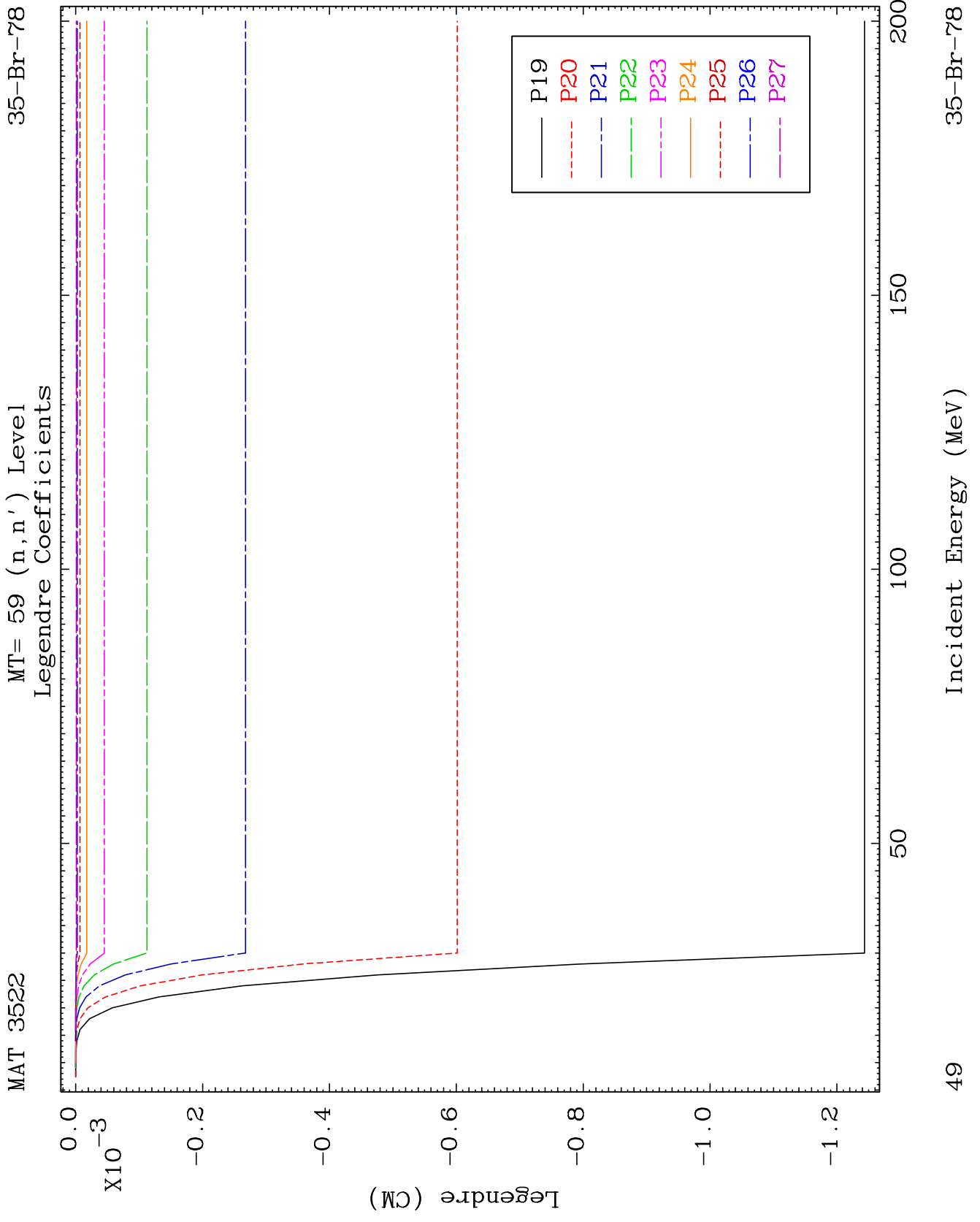


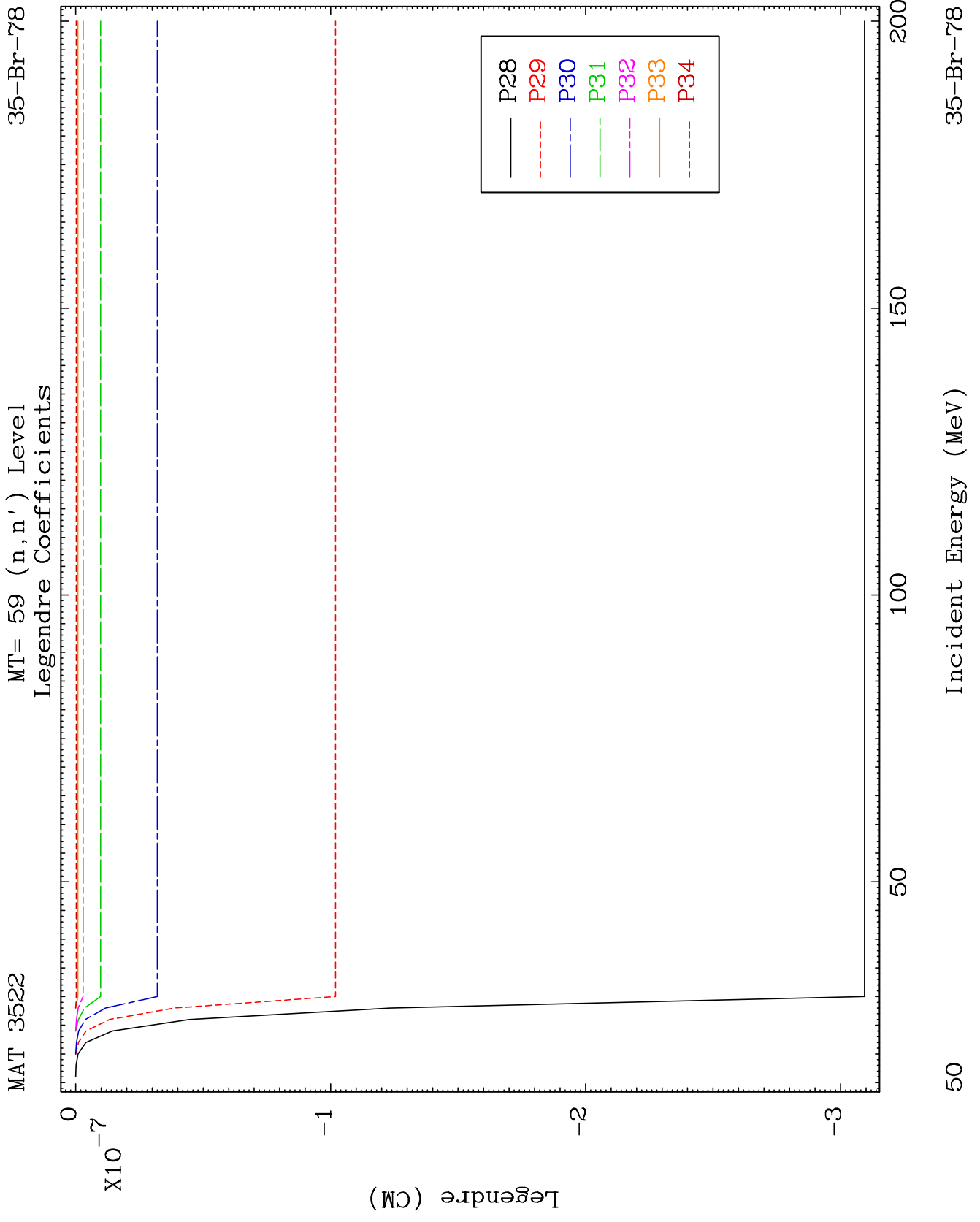
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Incident Energy (MeV)

35-Br-78



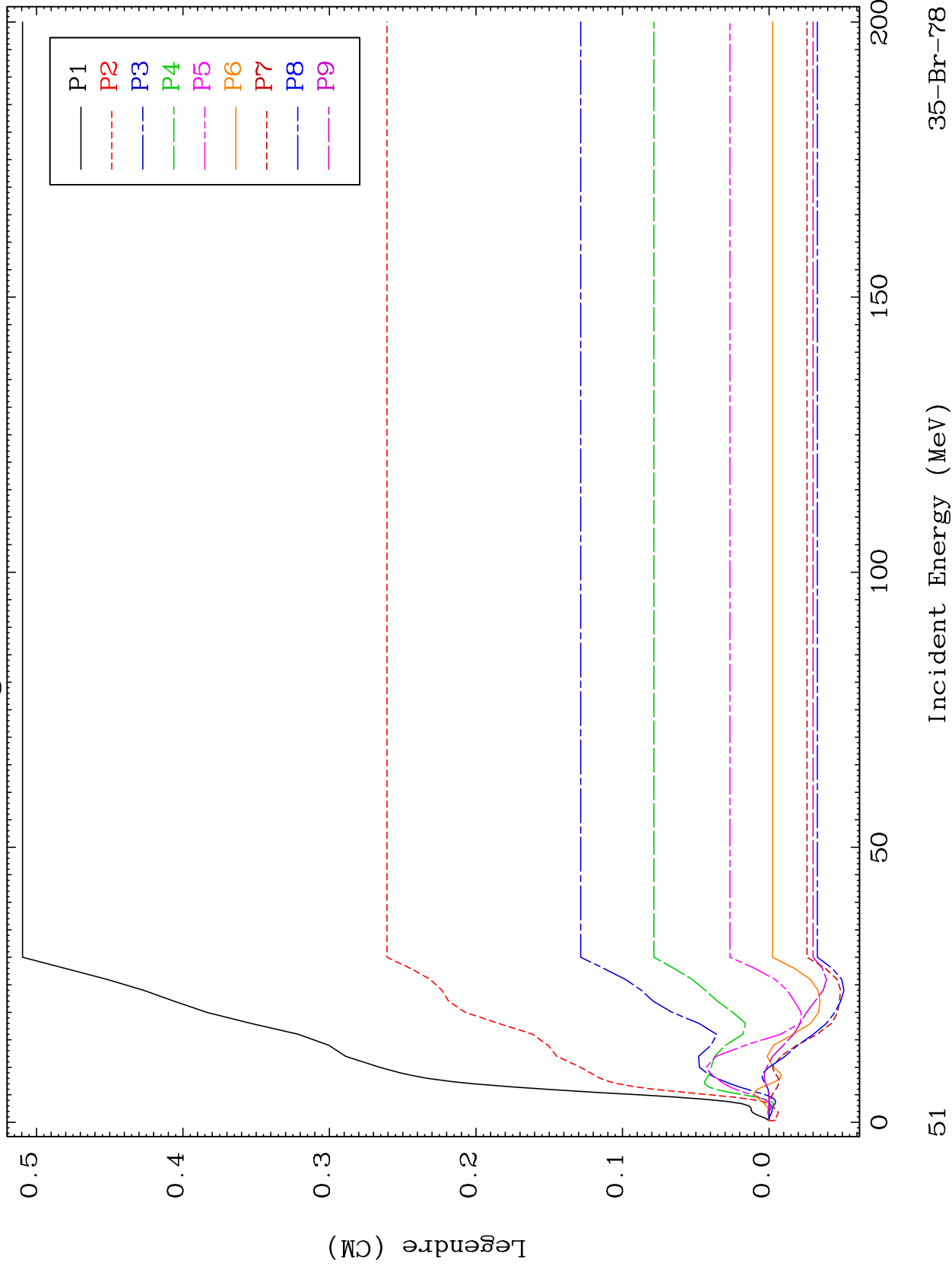




MAT 3522

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

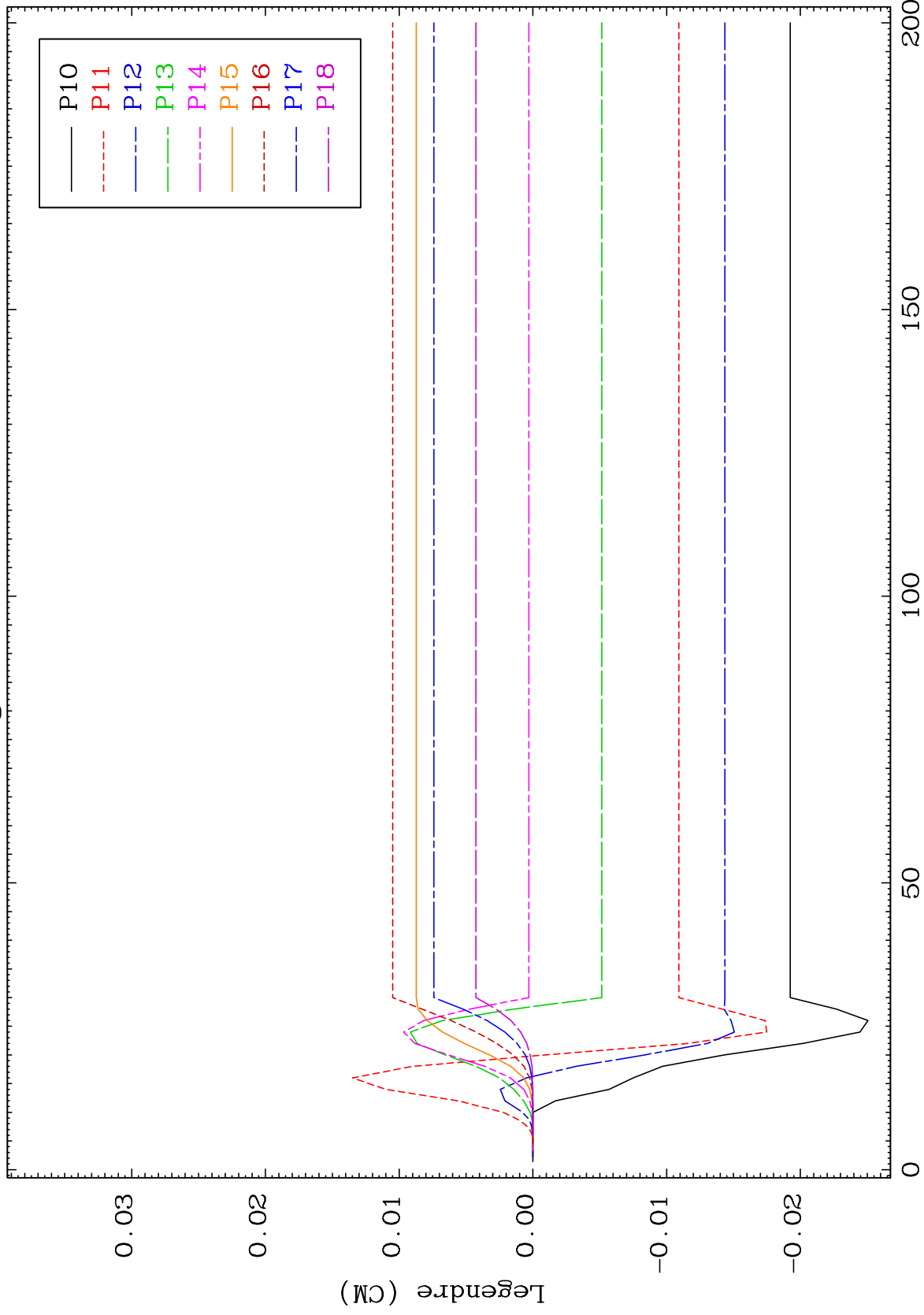
35-Br-78



MAT 3522

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

35-Br-78



52

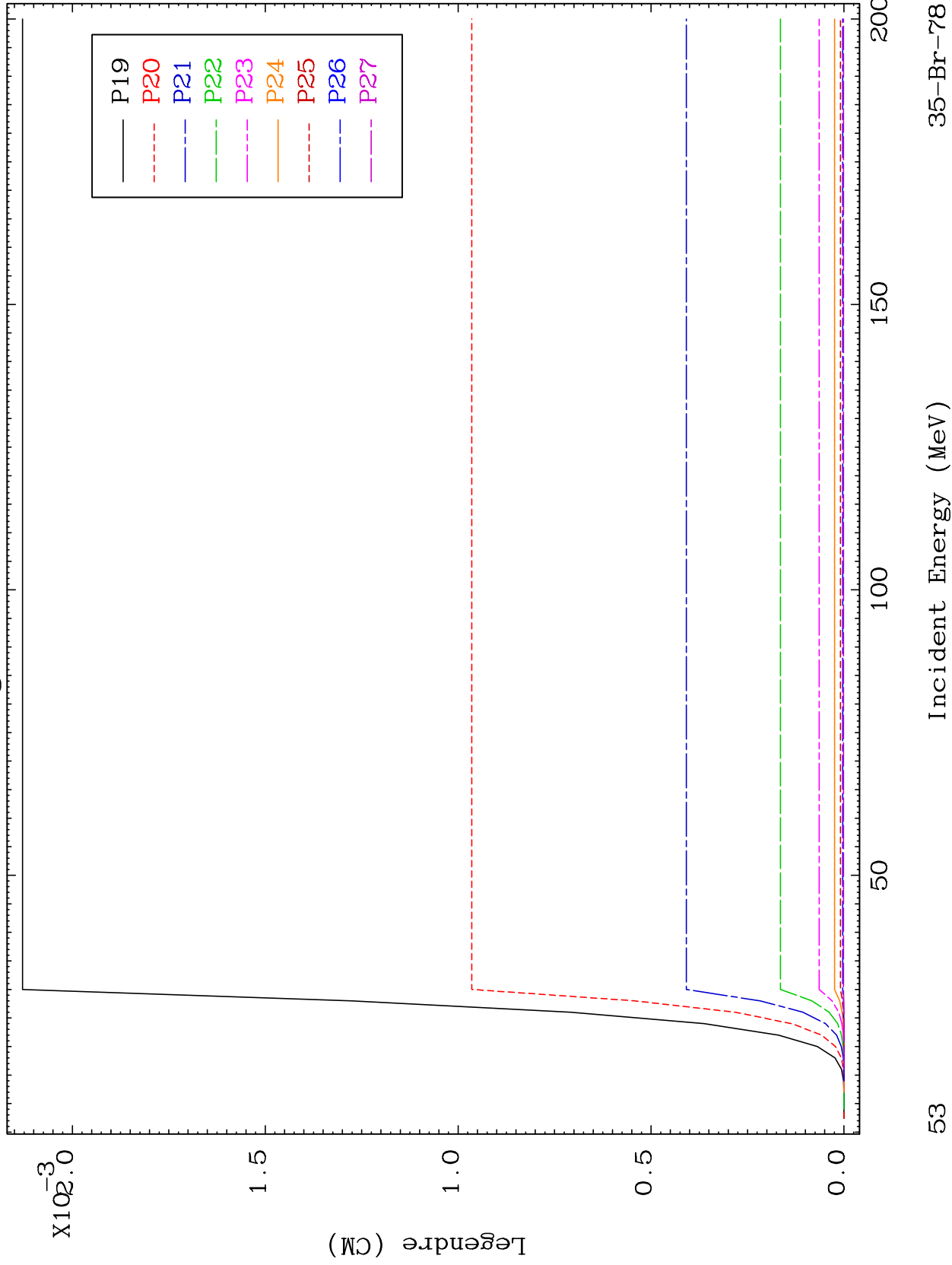
Incident Energy (MeV)

35-Br-78

MAT 3522

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

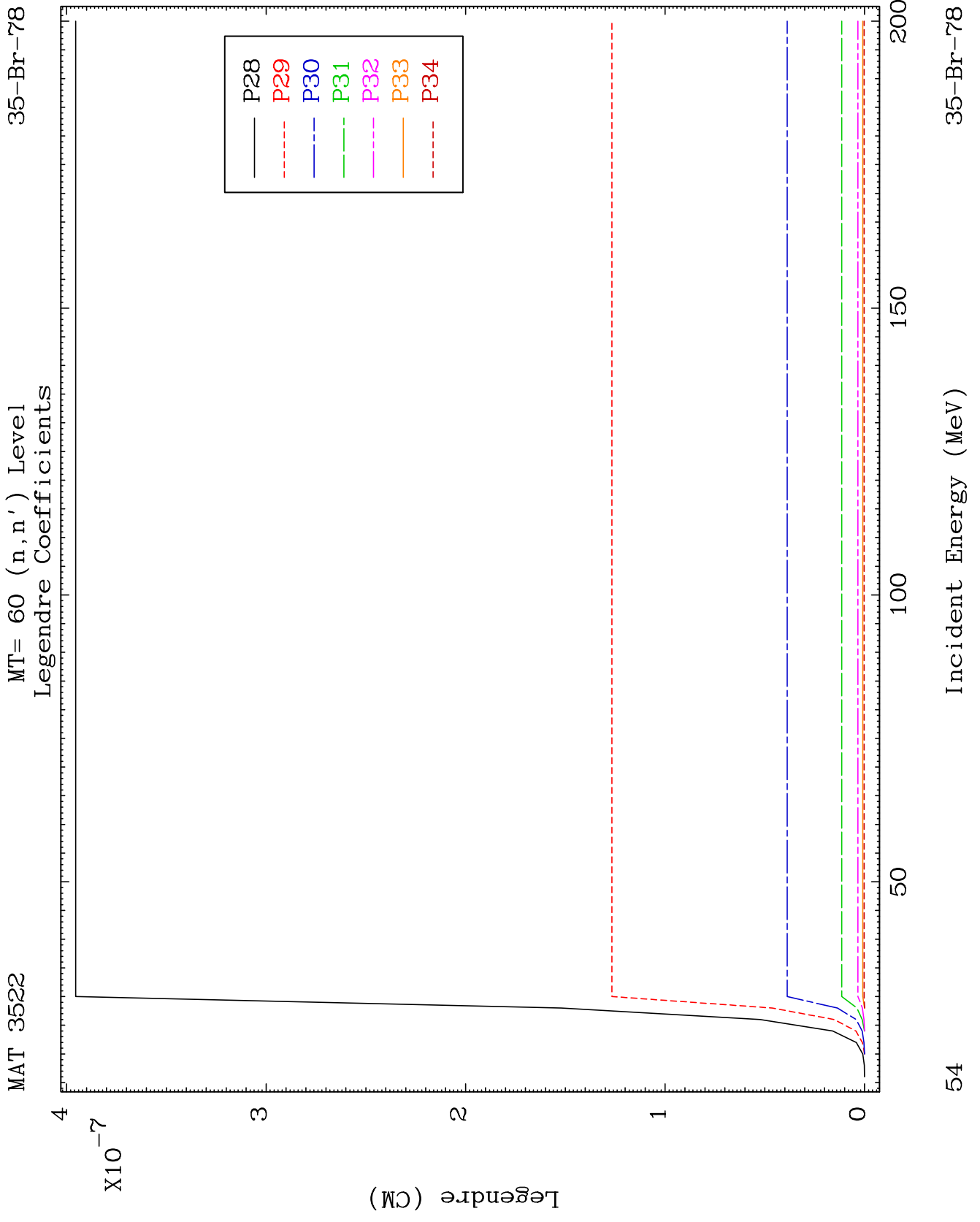
35-Br-78



53

Incident Energy (MeV)

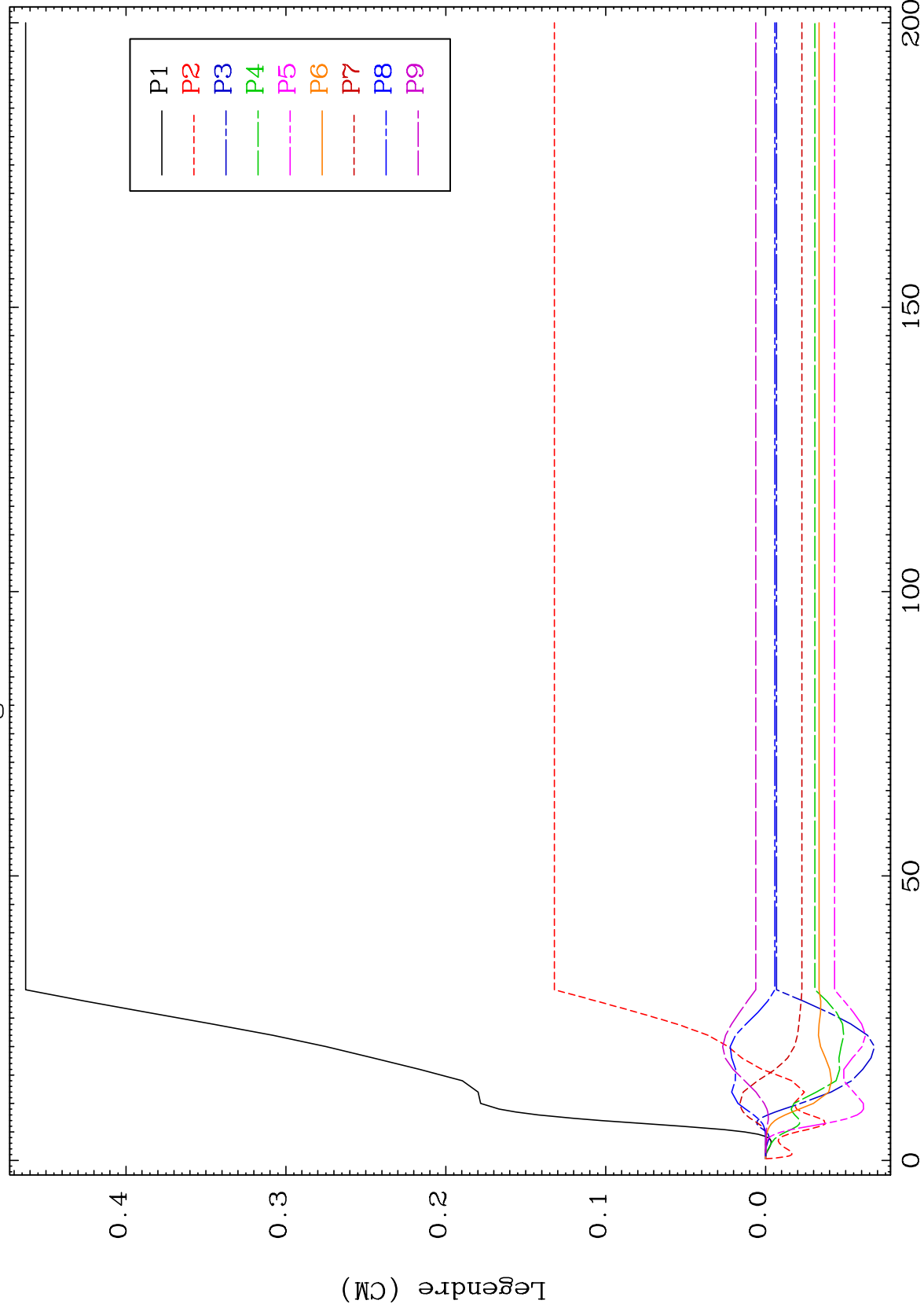
35-Br-78



MAT 3522

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

35-Br-78



35-Br-78

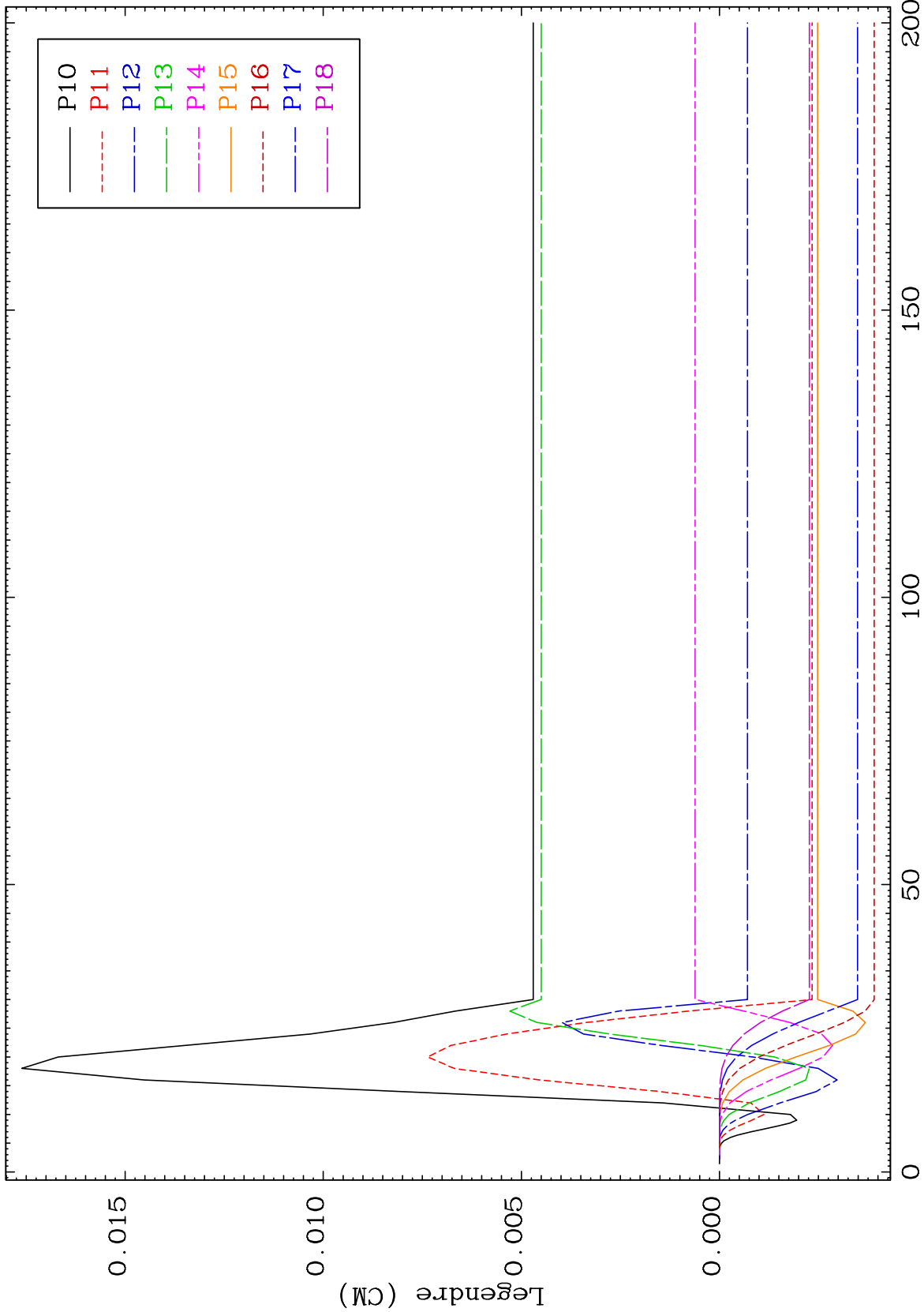
Incident Energy (MeV)

55

MAT 3522

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

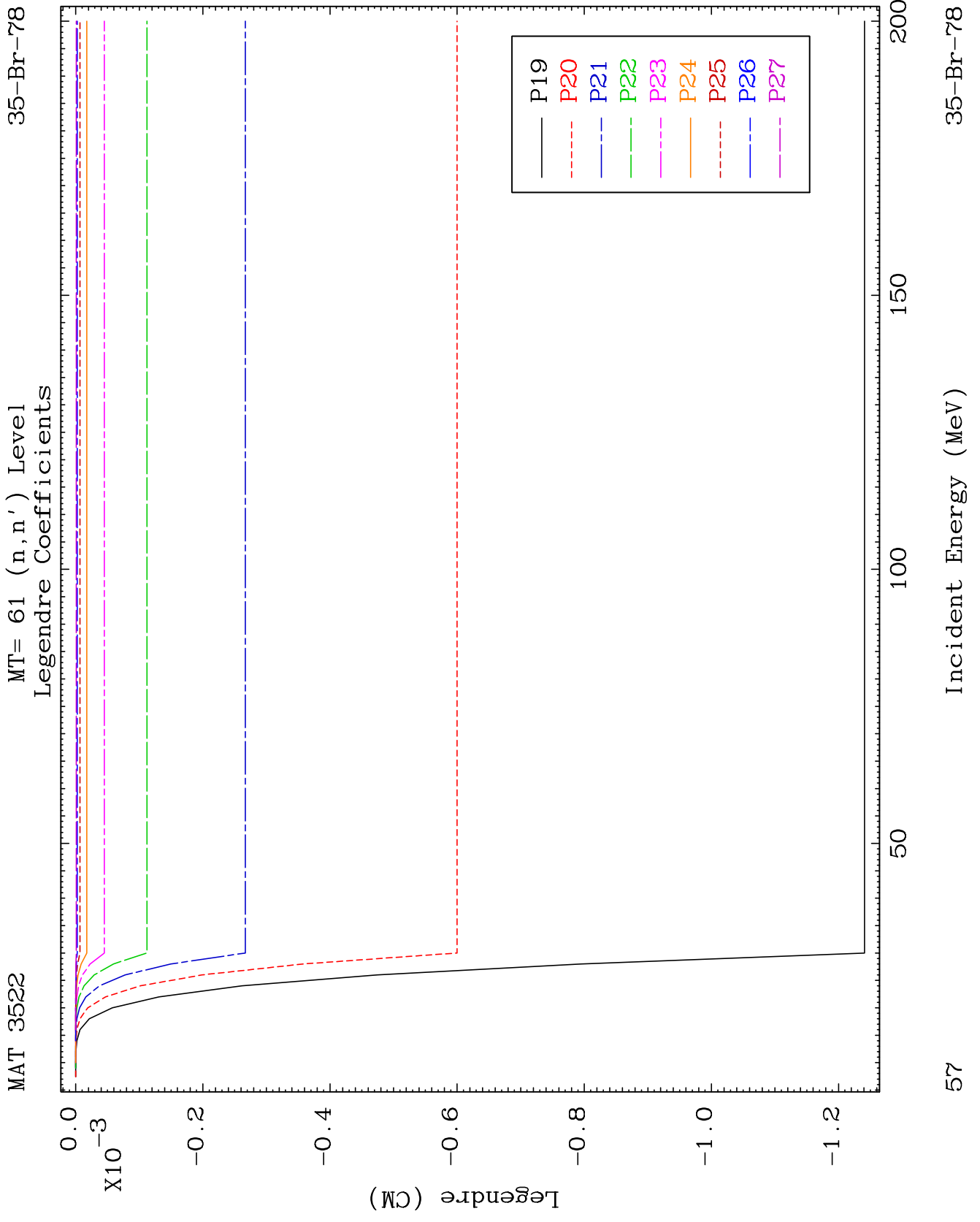
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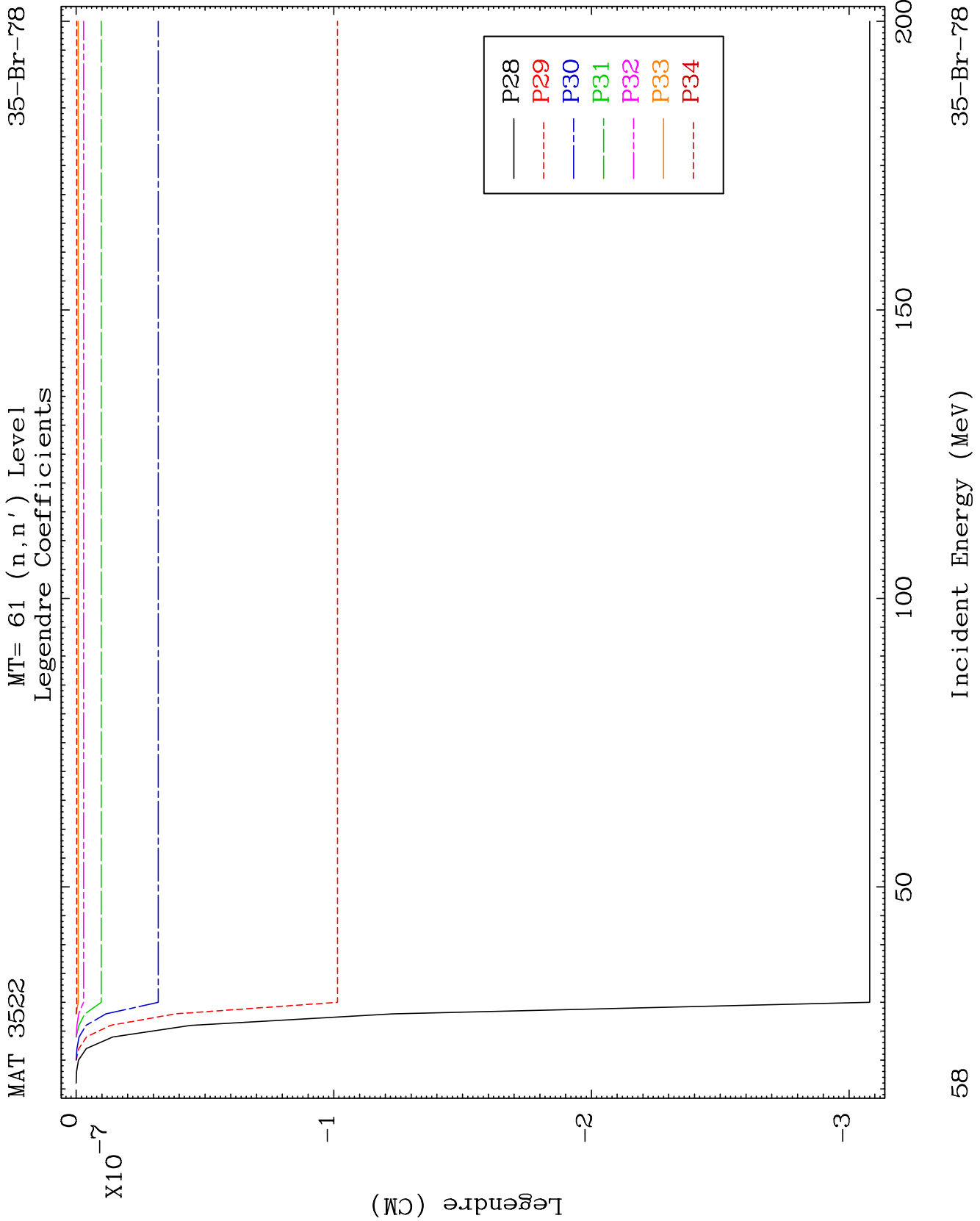


56

Incident Energy (MeV)

35-Br-78

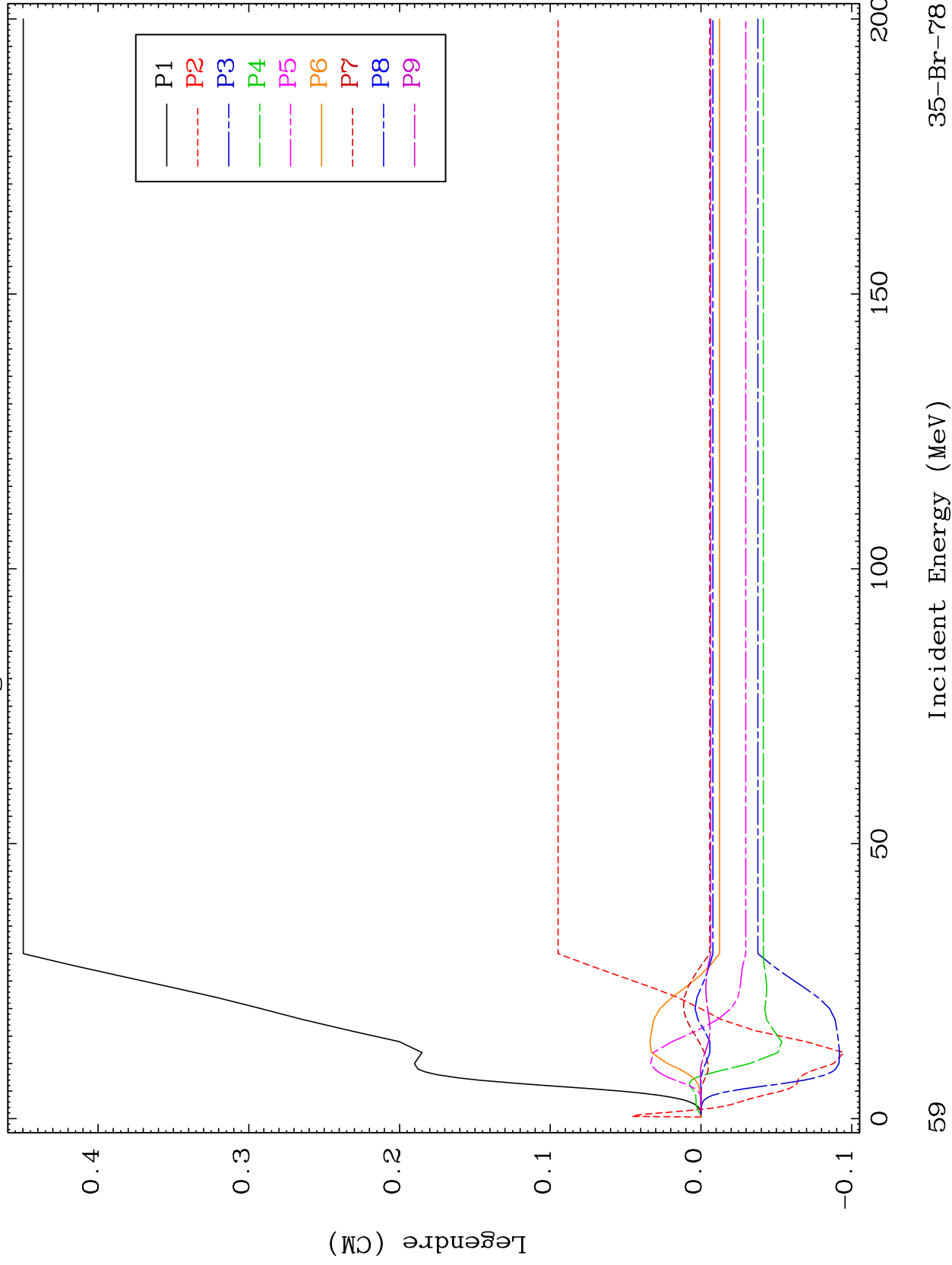




MAT 3522

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

35-Br-78



35-Br-78

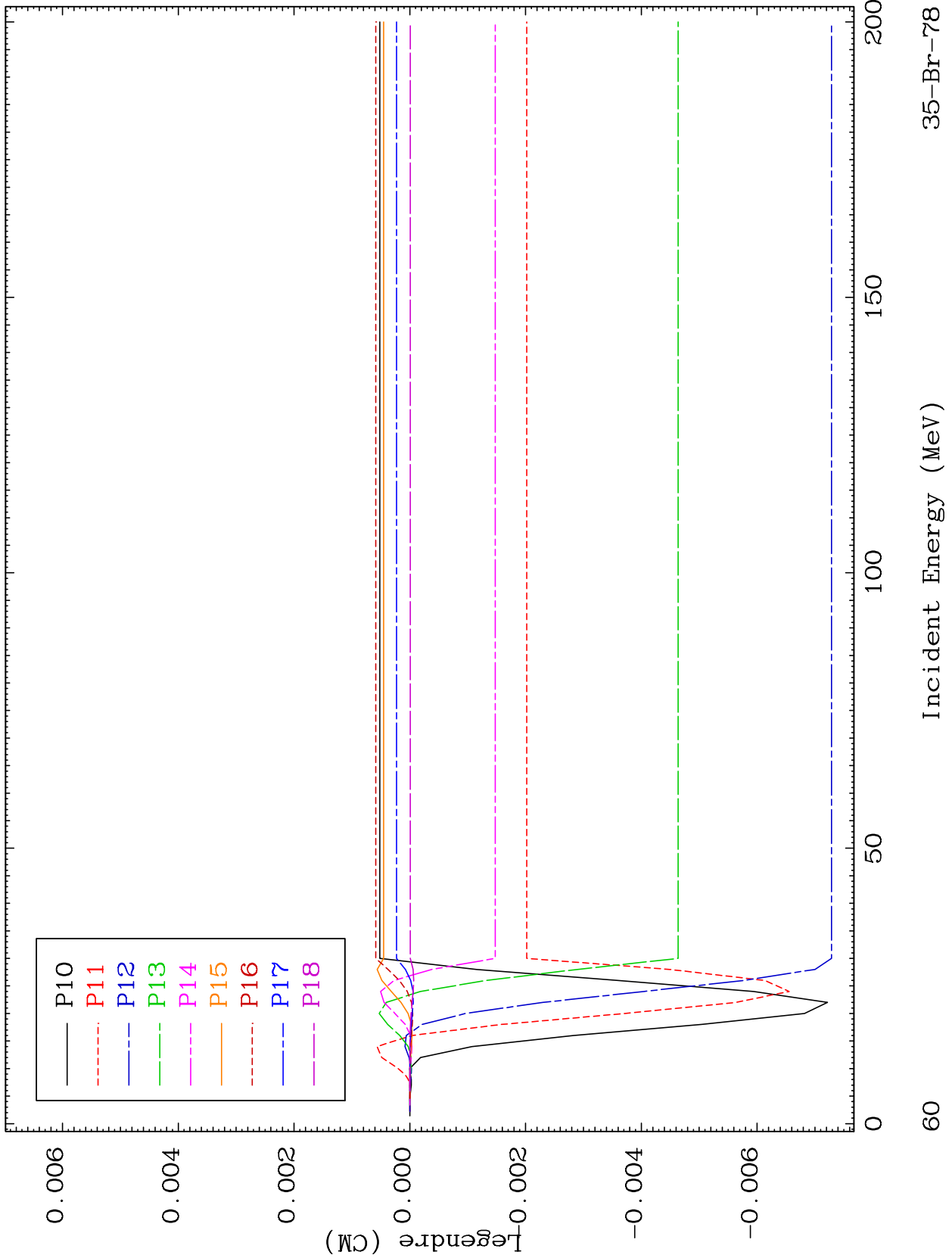
Incident Energy (MeV)

59

MAT 3522

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

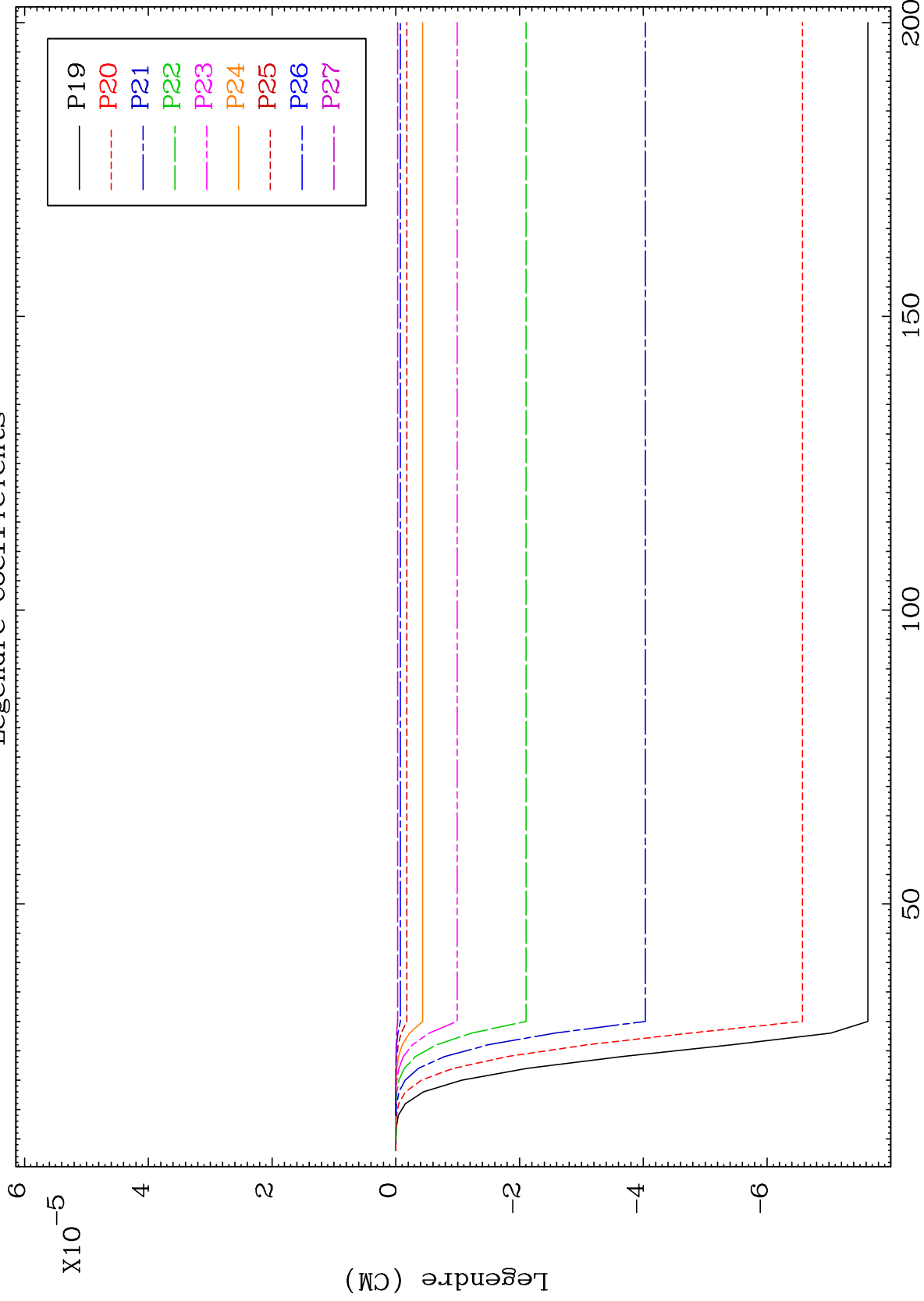
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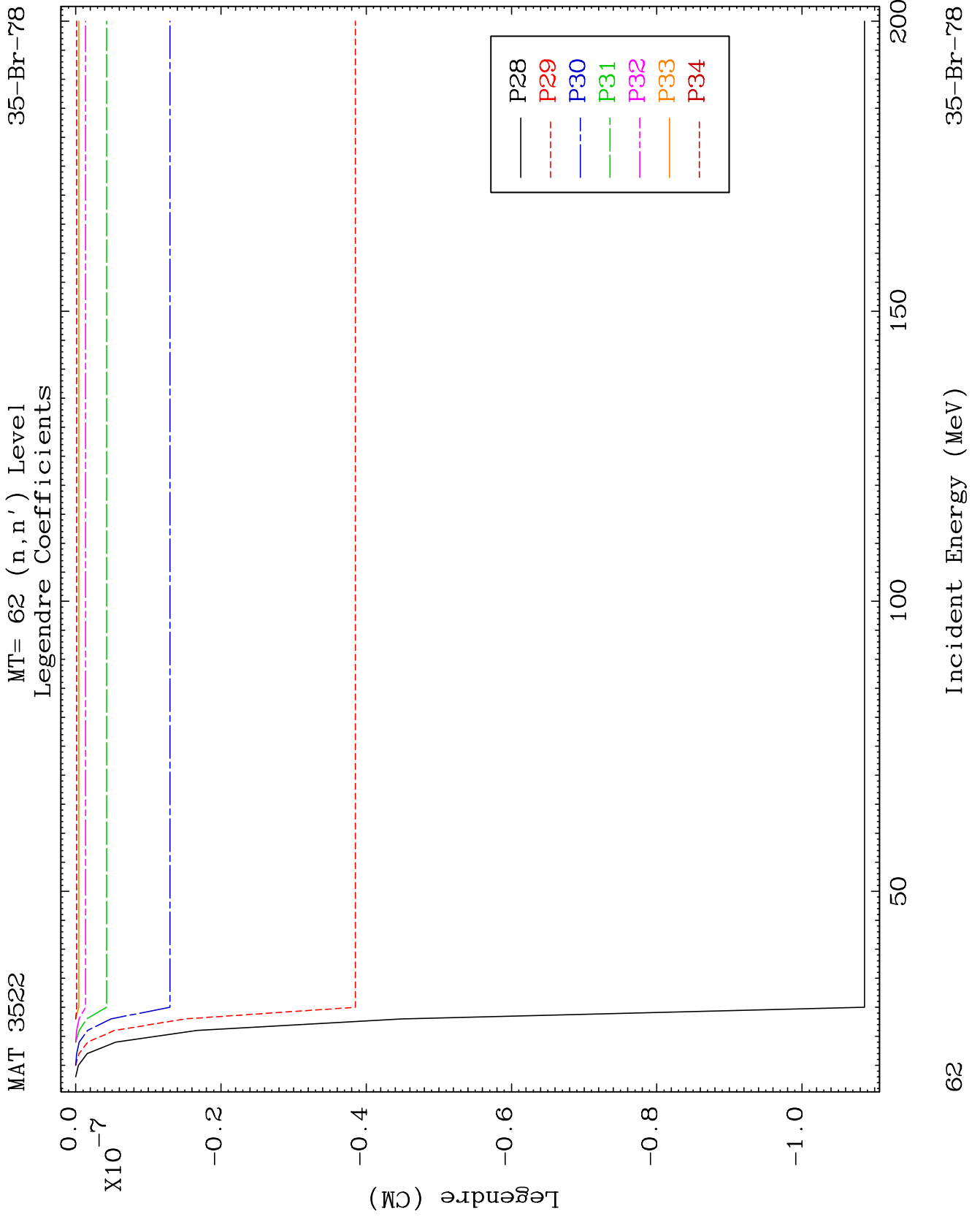


35-Br-78

Incident Energy (MeV)

60

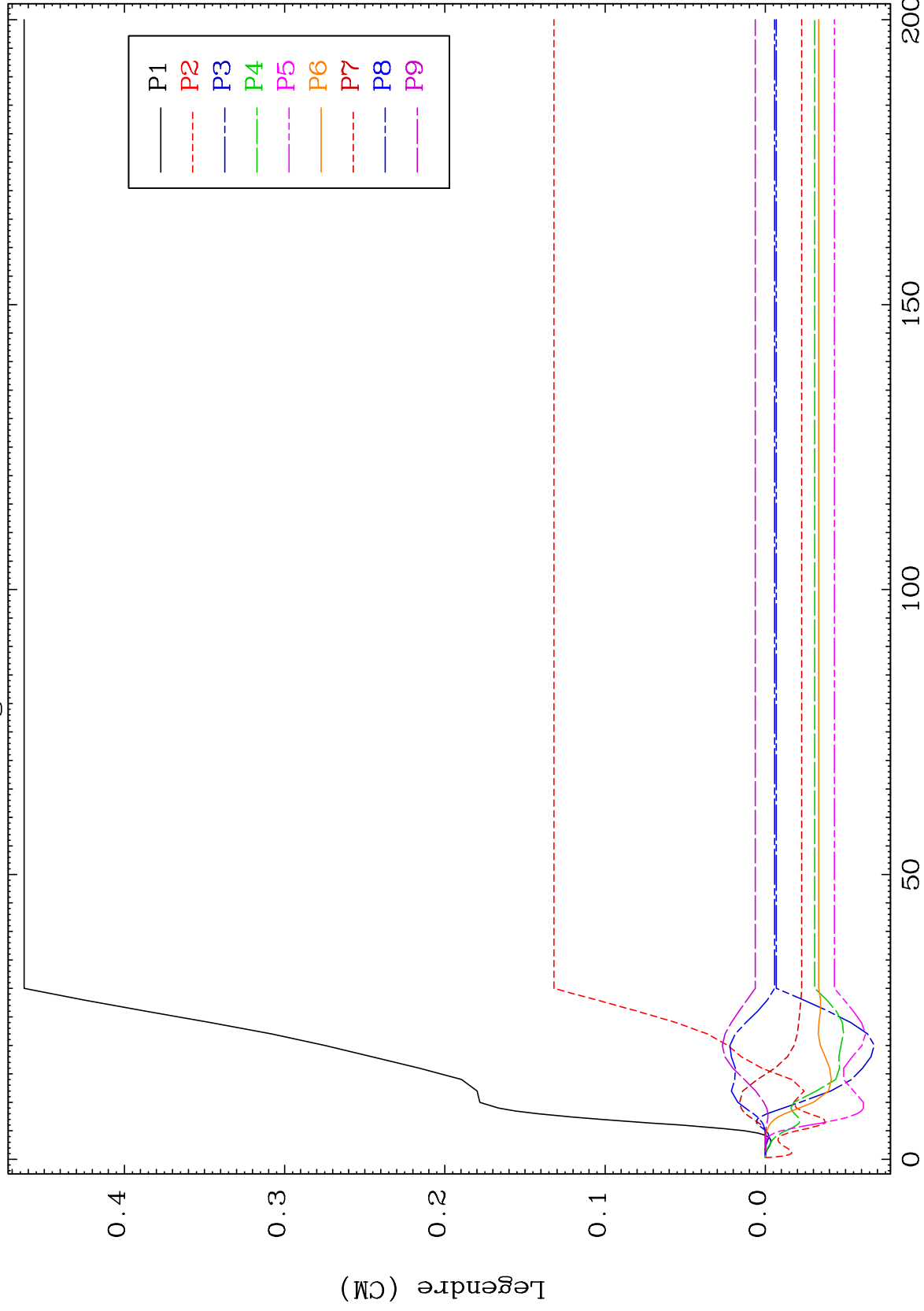




MAT 3522

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

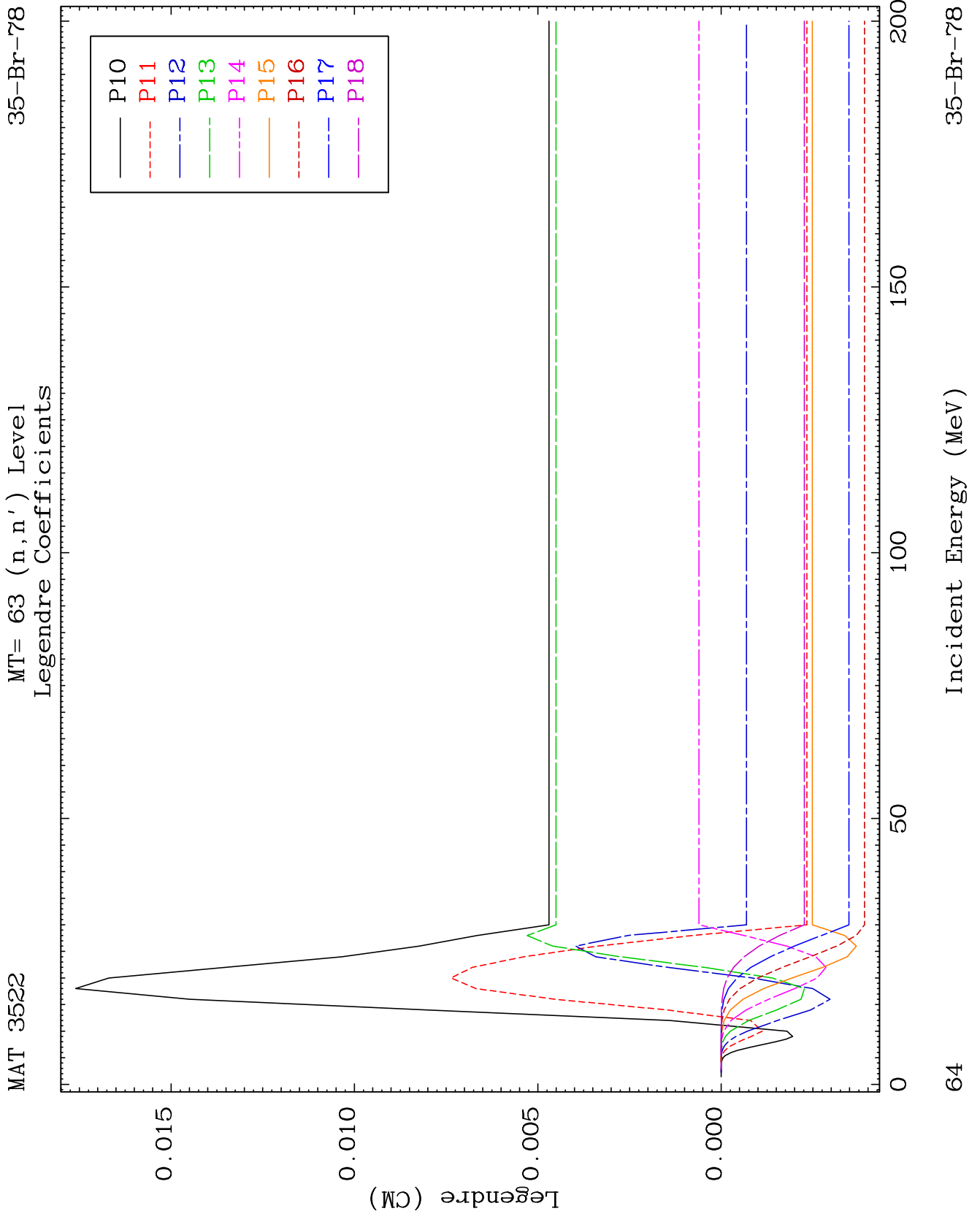
35-Br-78

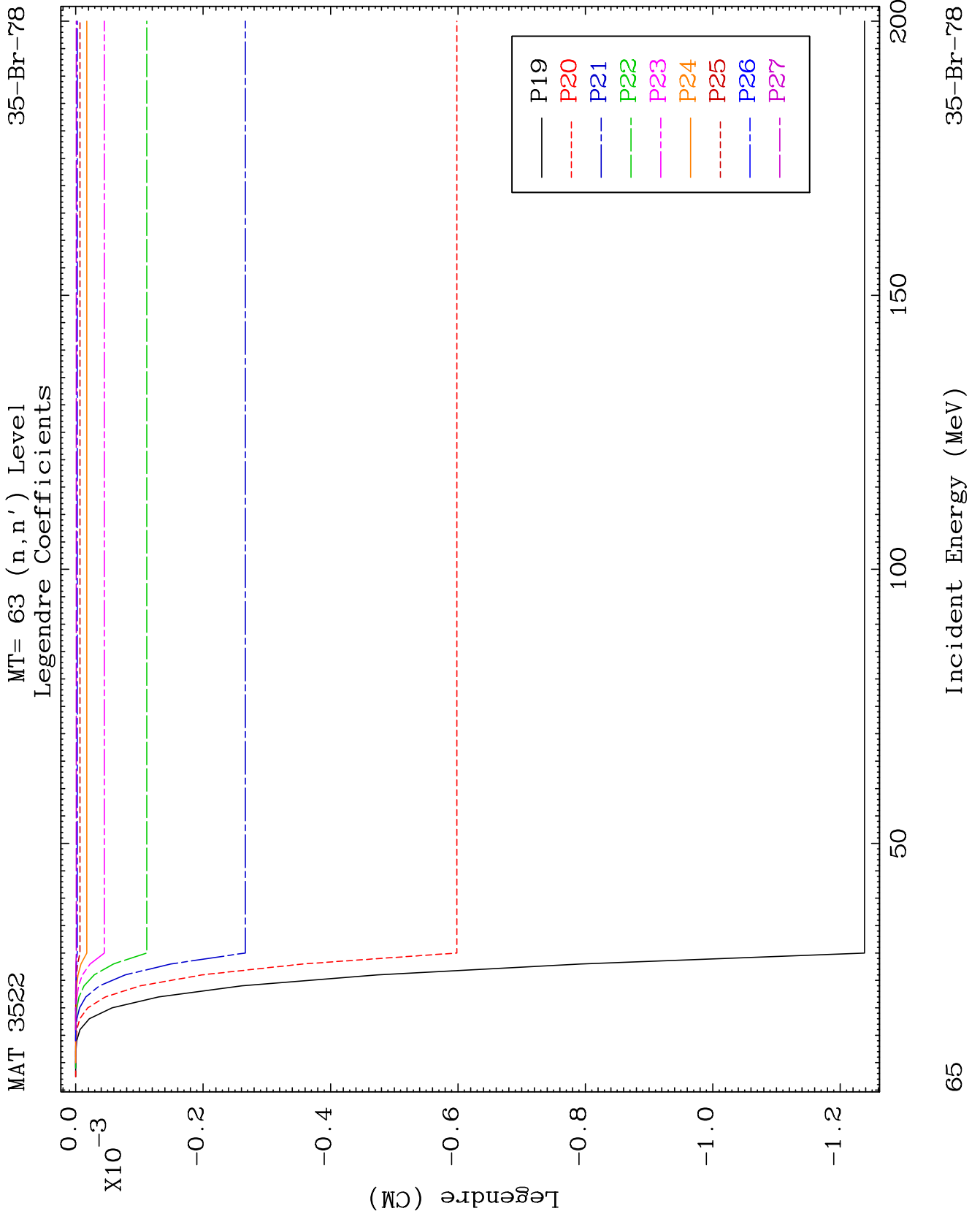


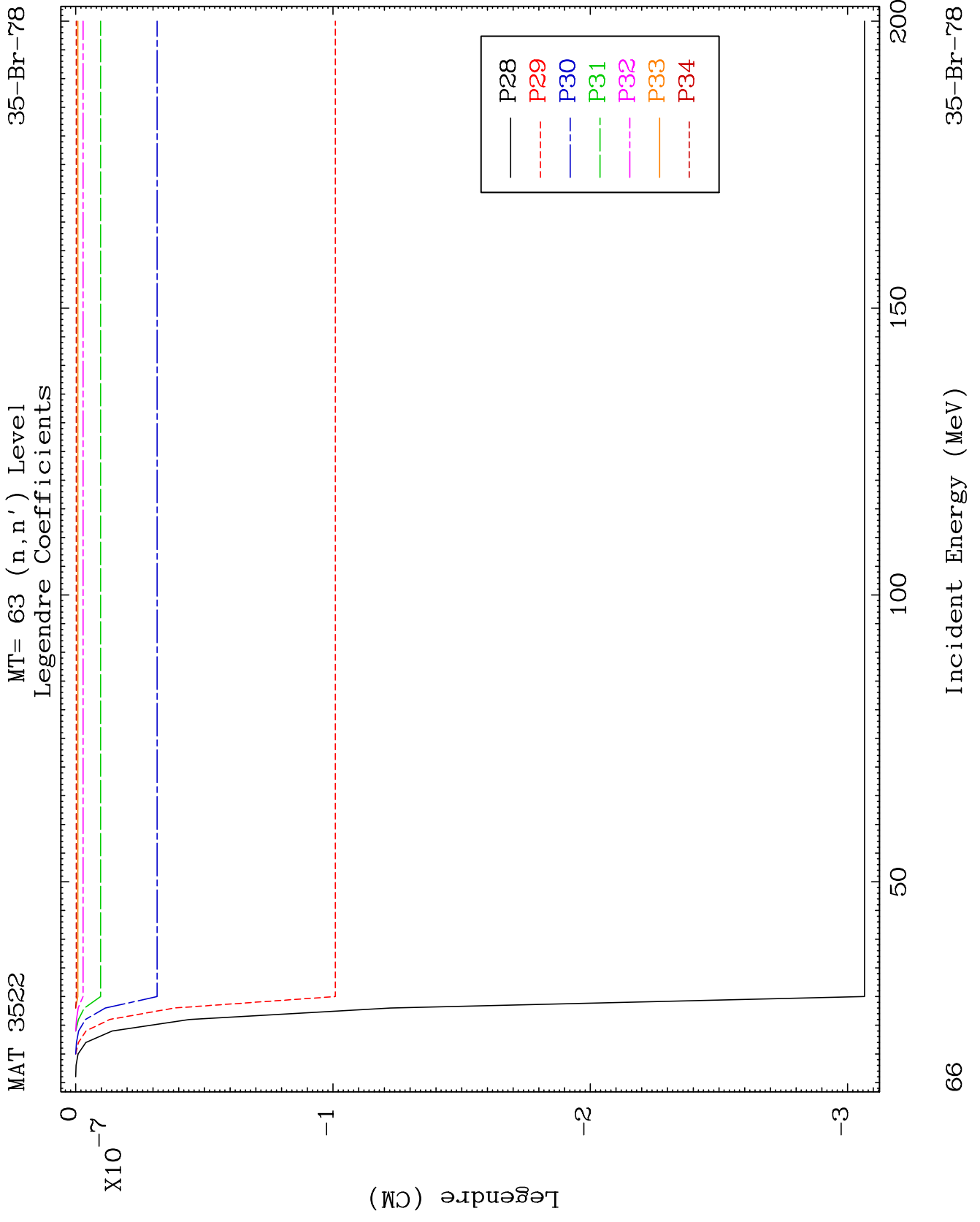
63

Incident Energy (MeV)

35-Br-78



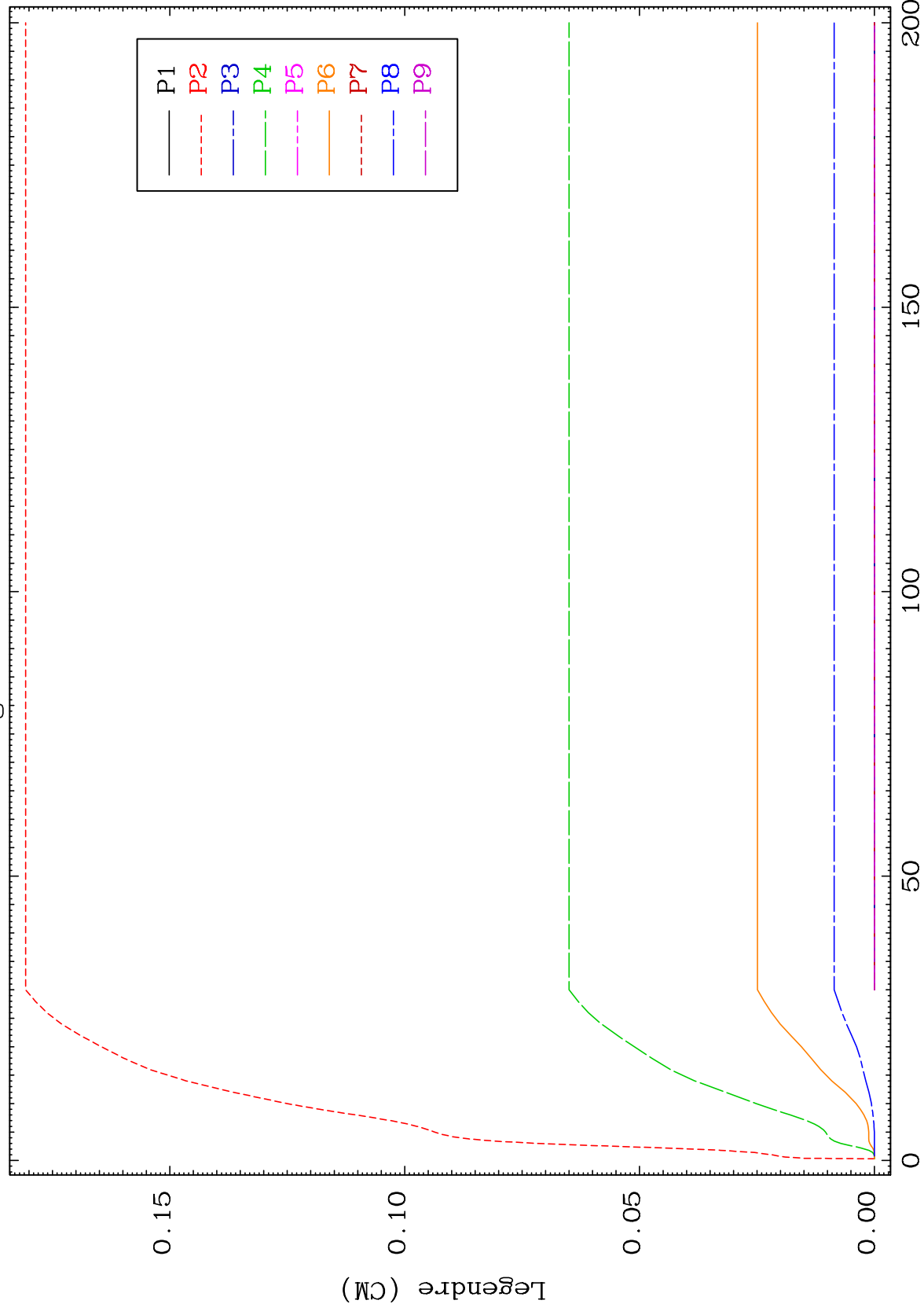




MAT 3522

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

35-Br-78



67

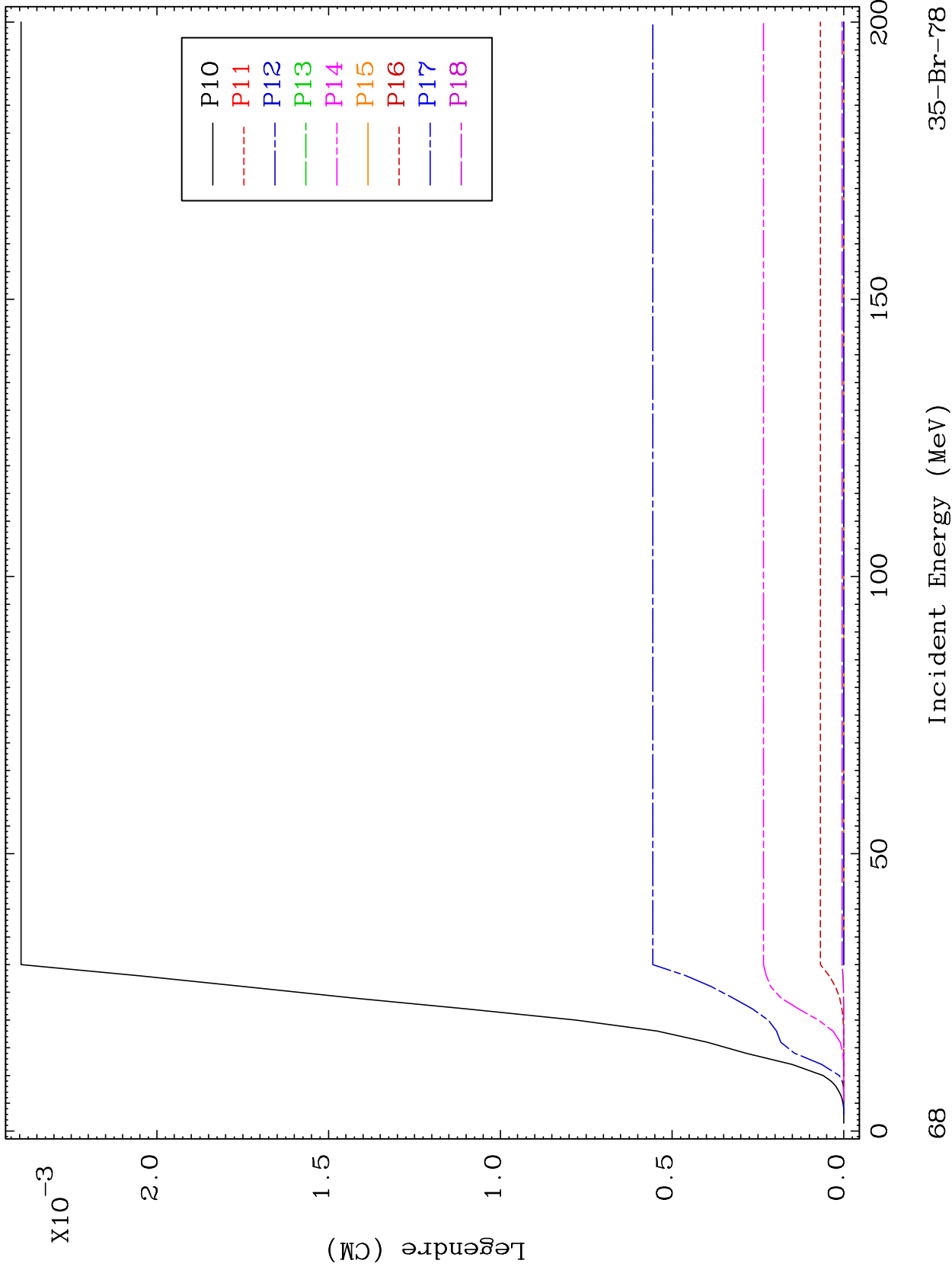
Incident Energy (MeV)

35-Br-78

MAT 3522

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

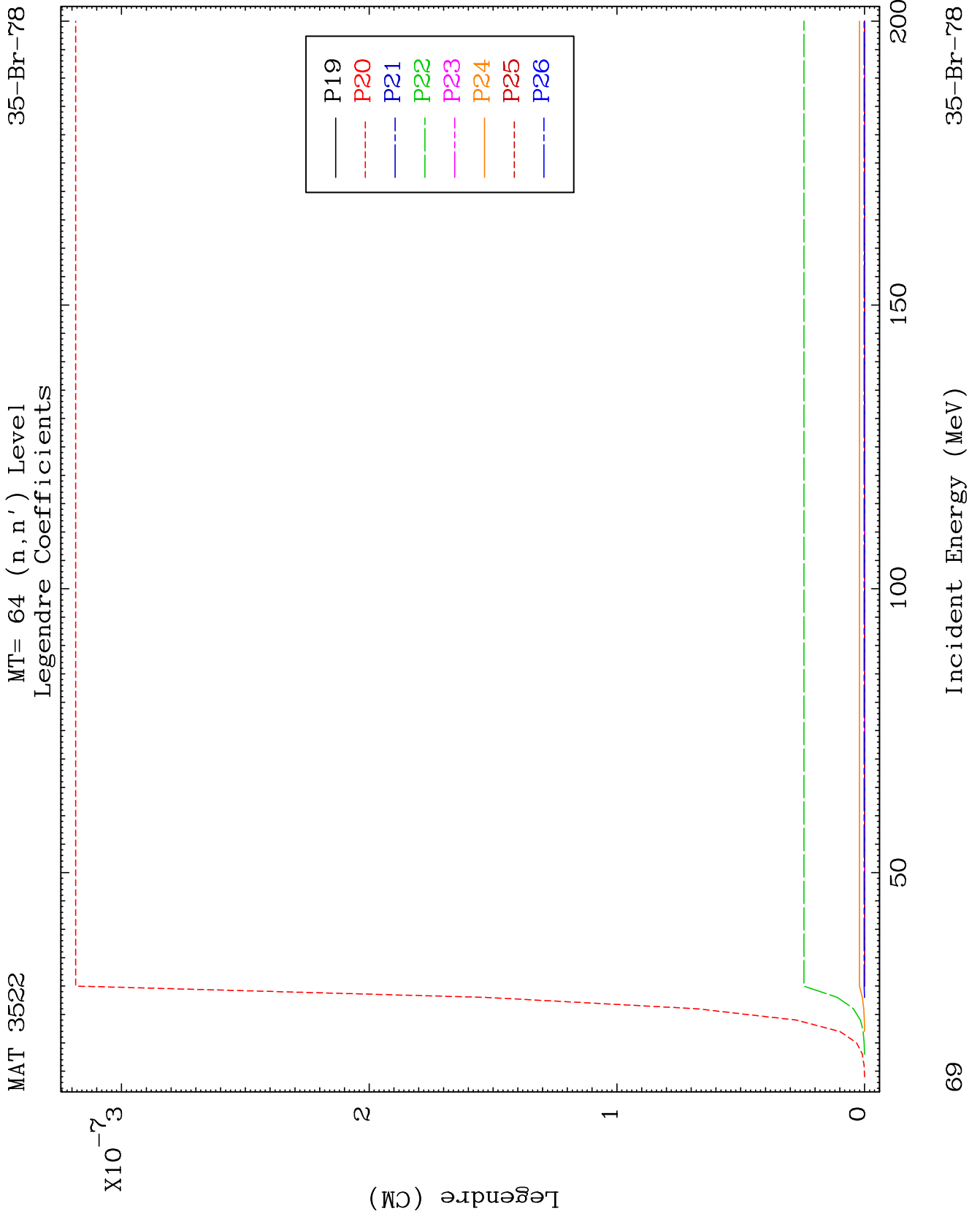
35-Br-78



68

Incident Energy (MeV)

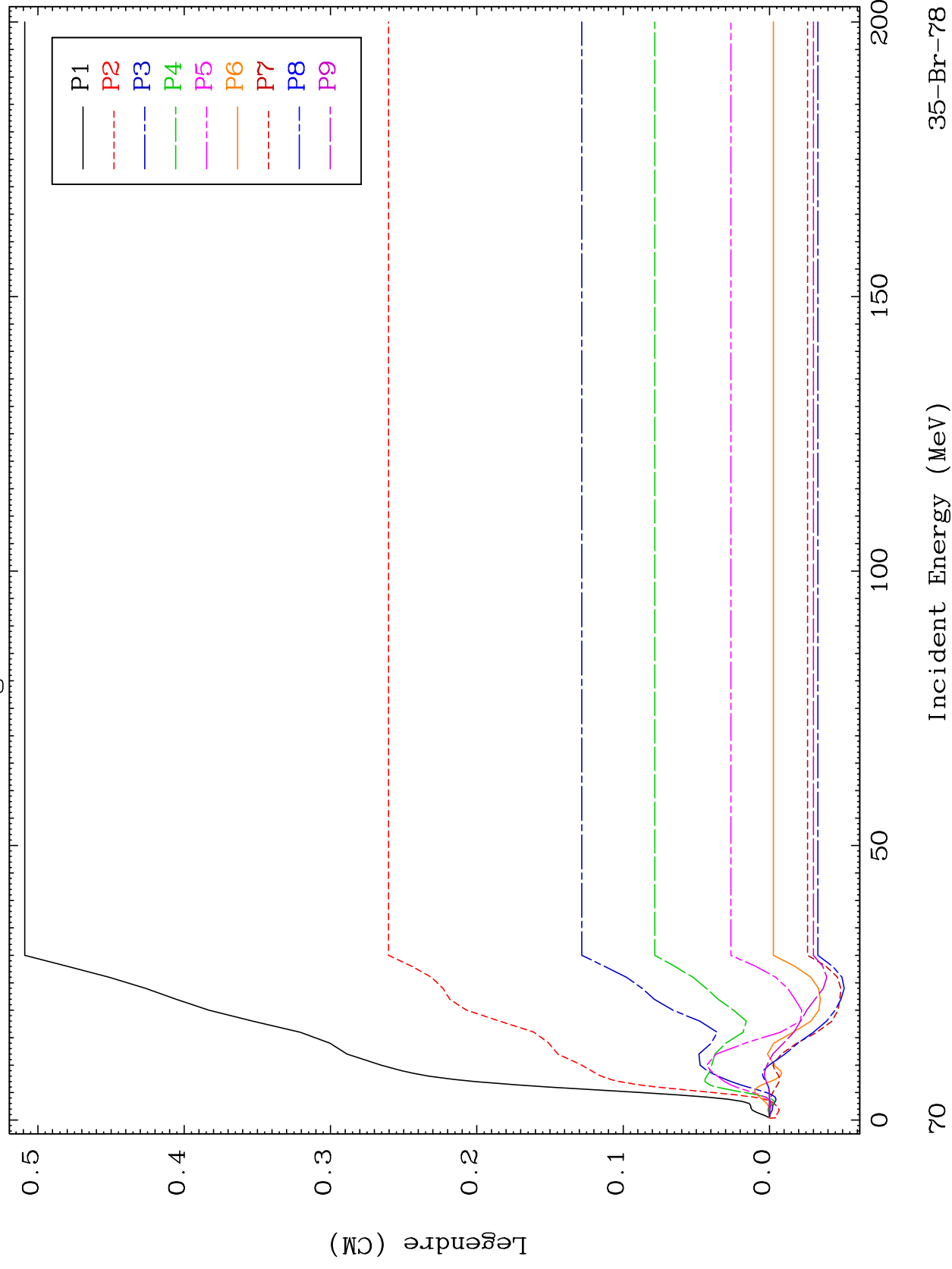
35-Br-78



MAT 3522

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

³⁵Br-78



³⁵Br-78

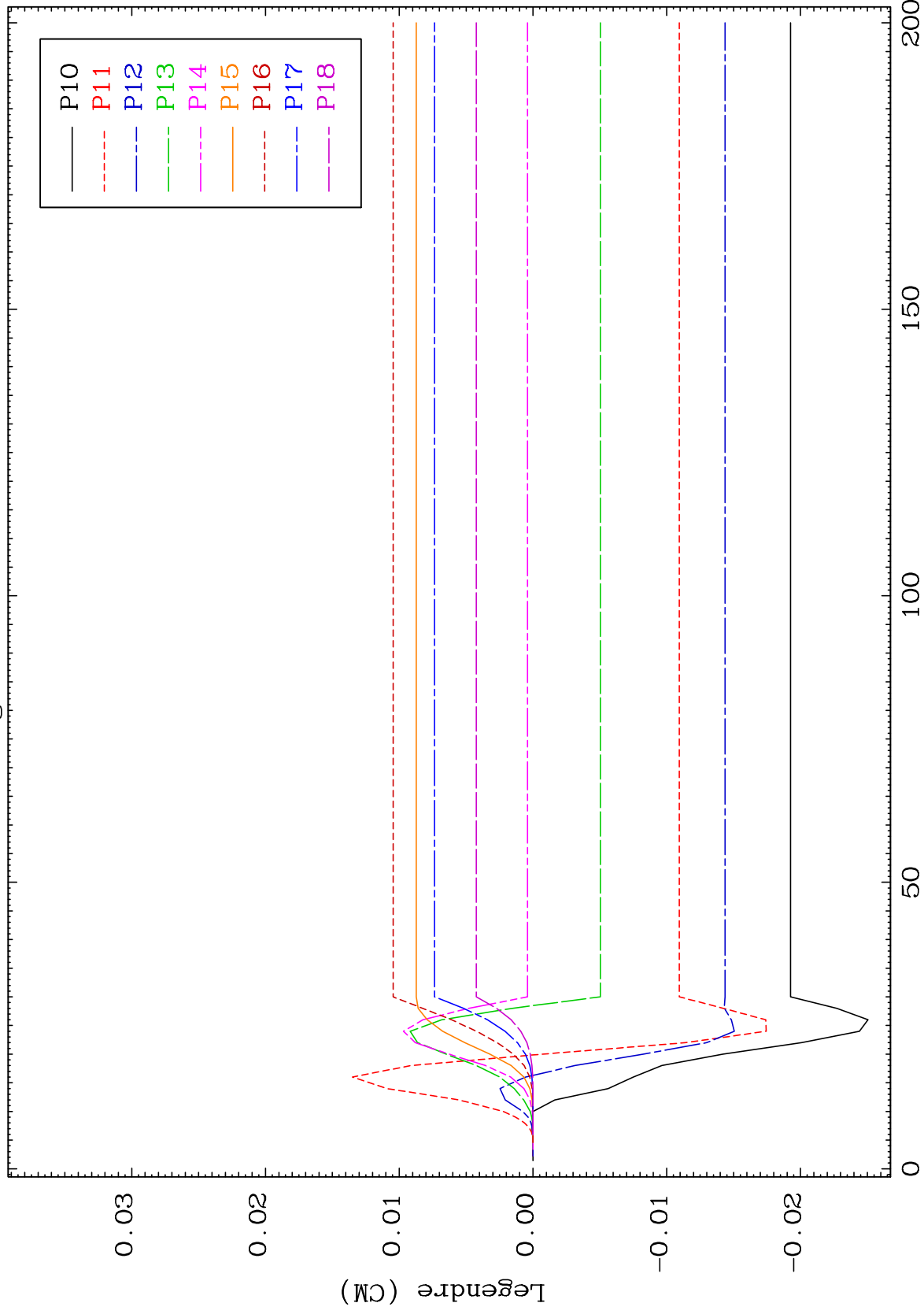
Incident Energy (MeV)

70

MAT 3522

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

35-Br-78



71

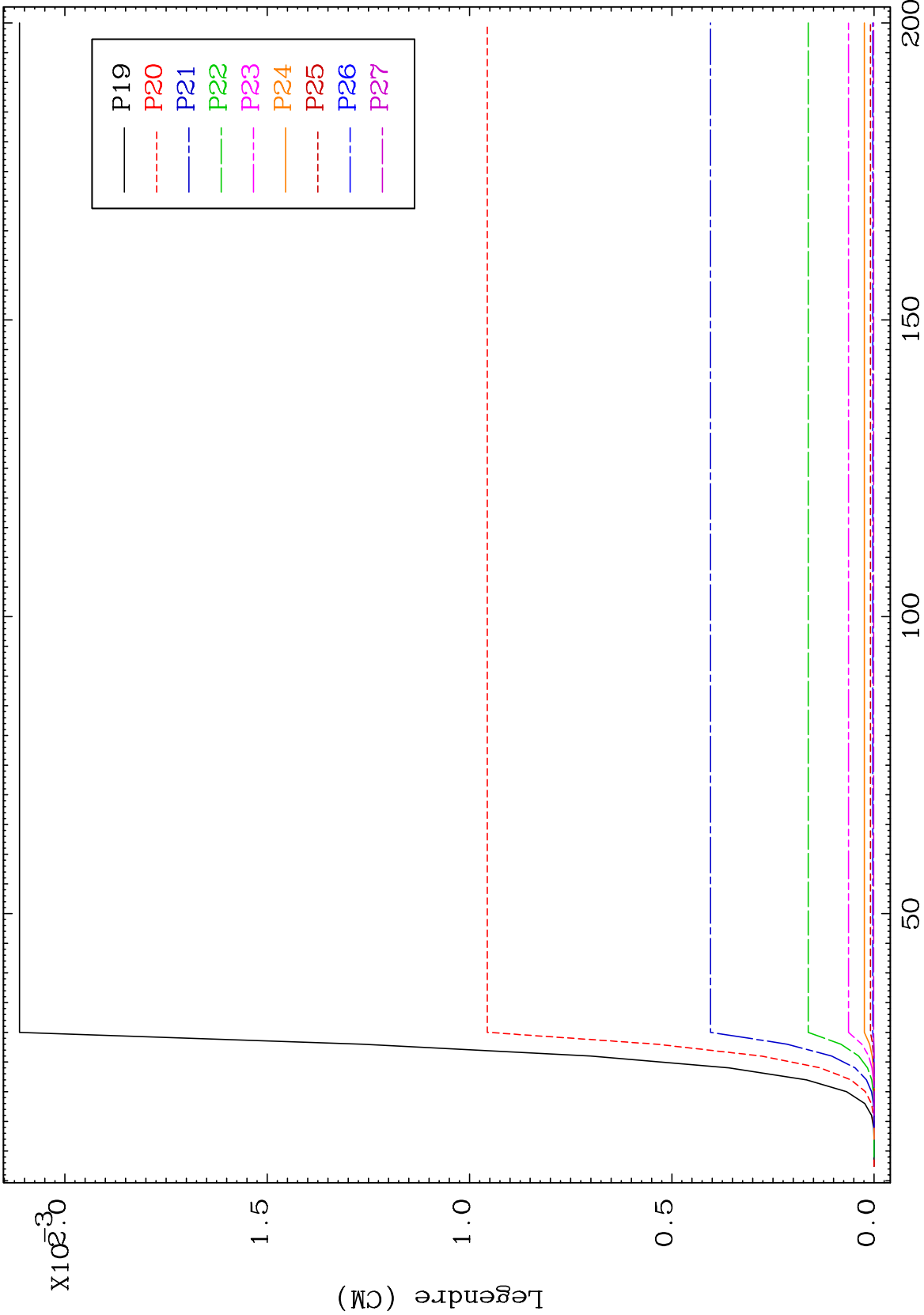
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



72

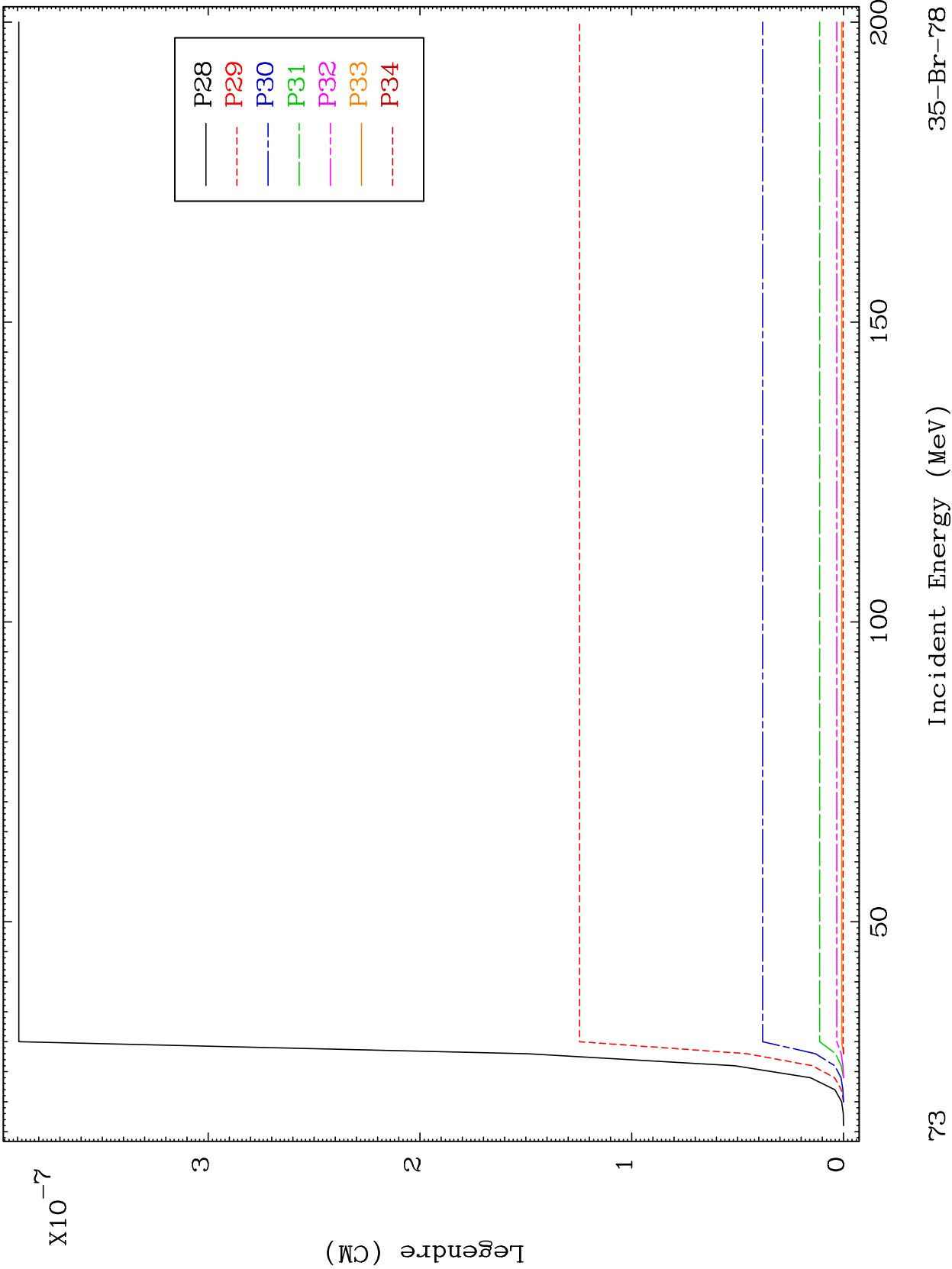
Incident Energy (MeV)

35-Br-78

MAT 3522

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

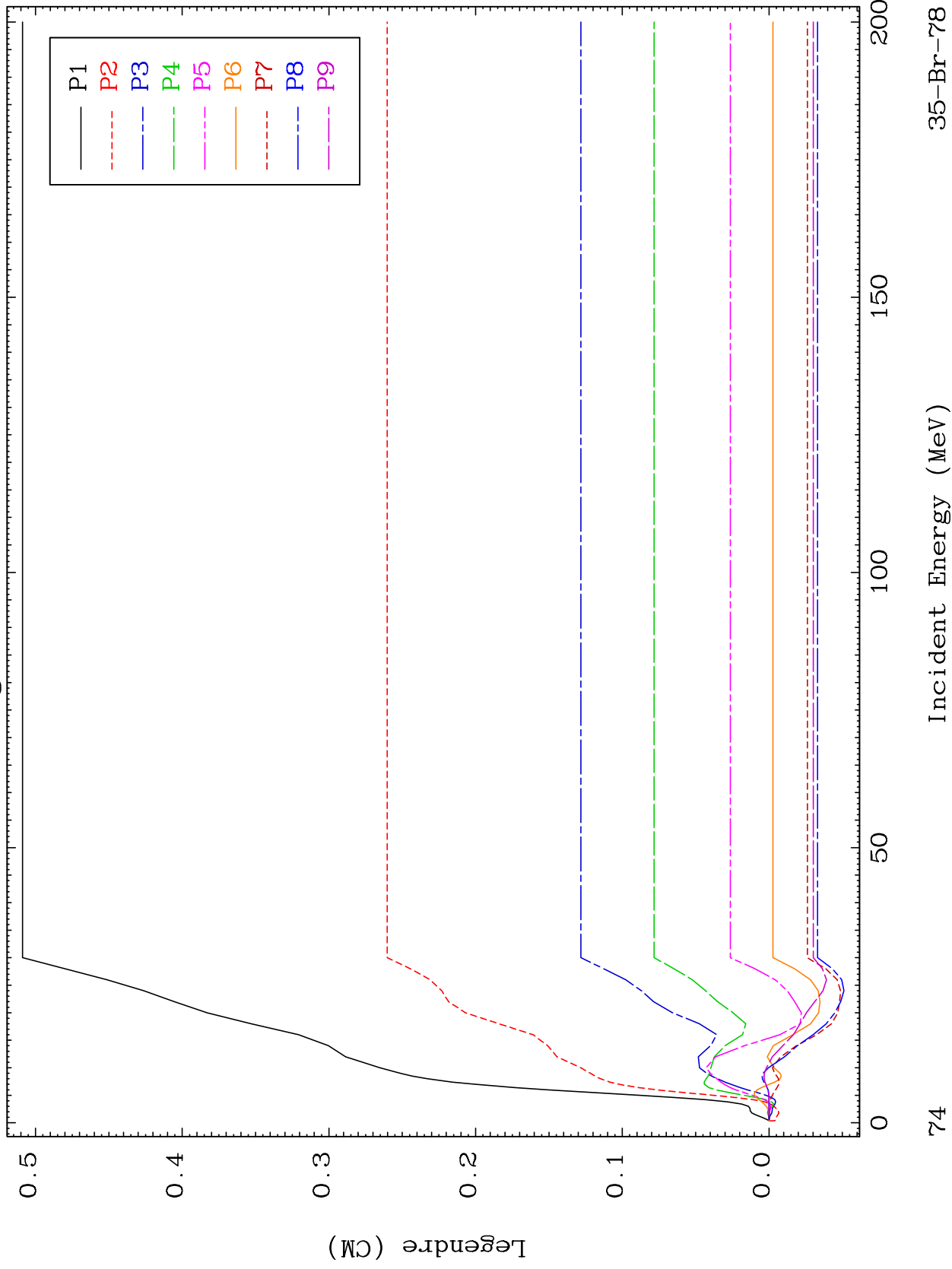
35-Br-78



MAT 3522

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

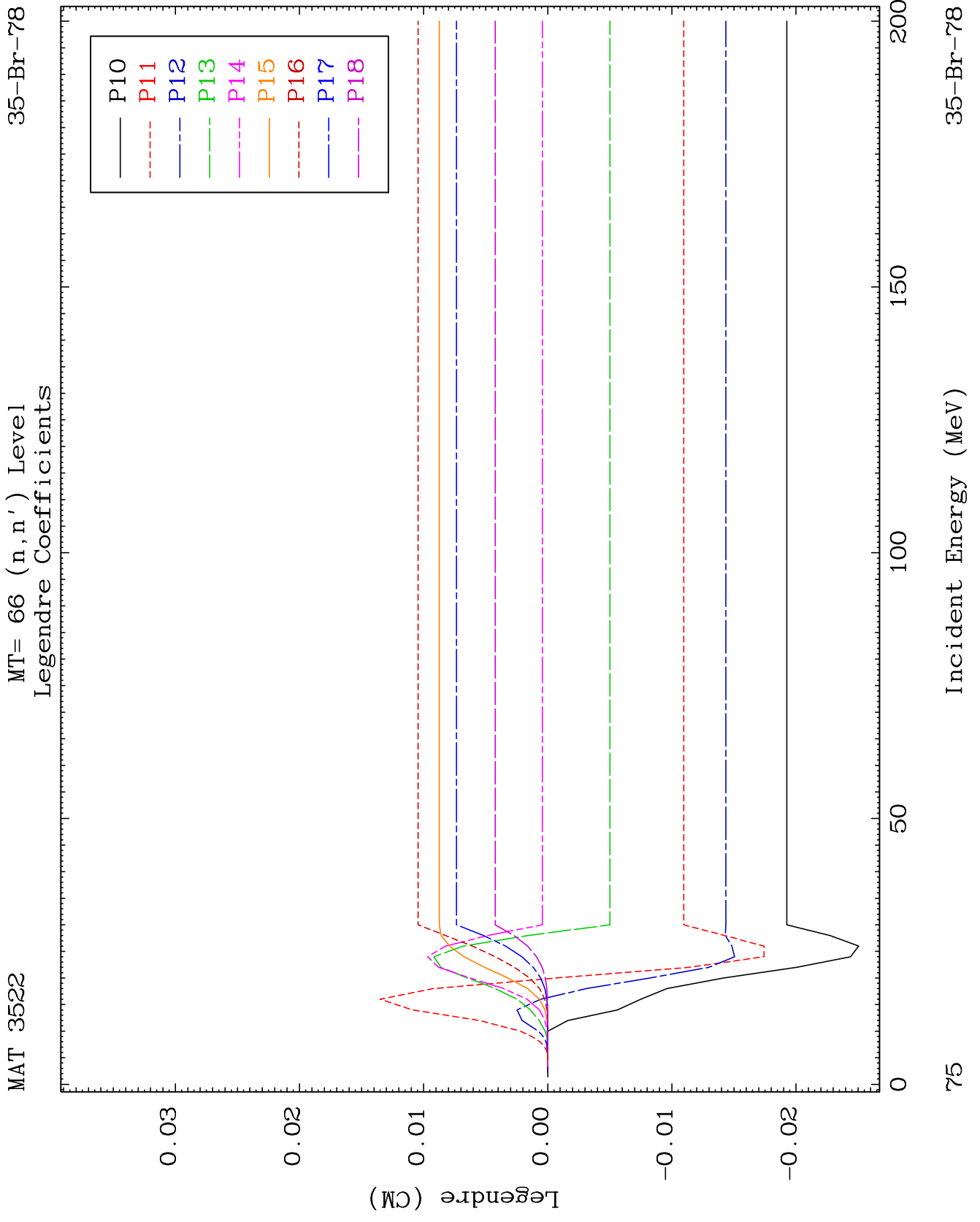
35-Br-78



74

Incident Energy (MeV)

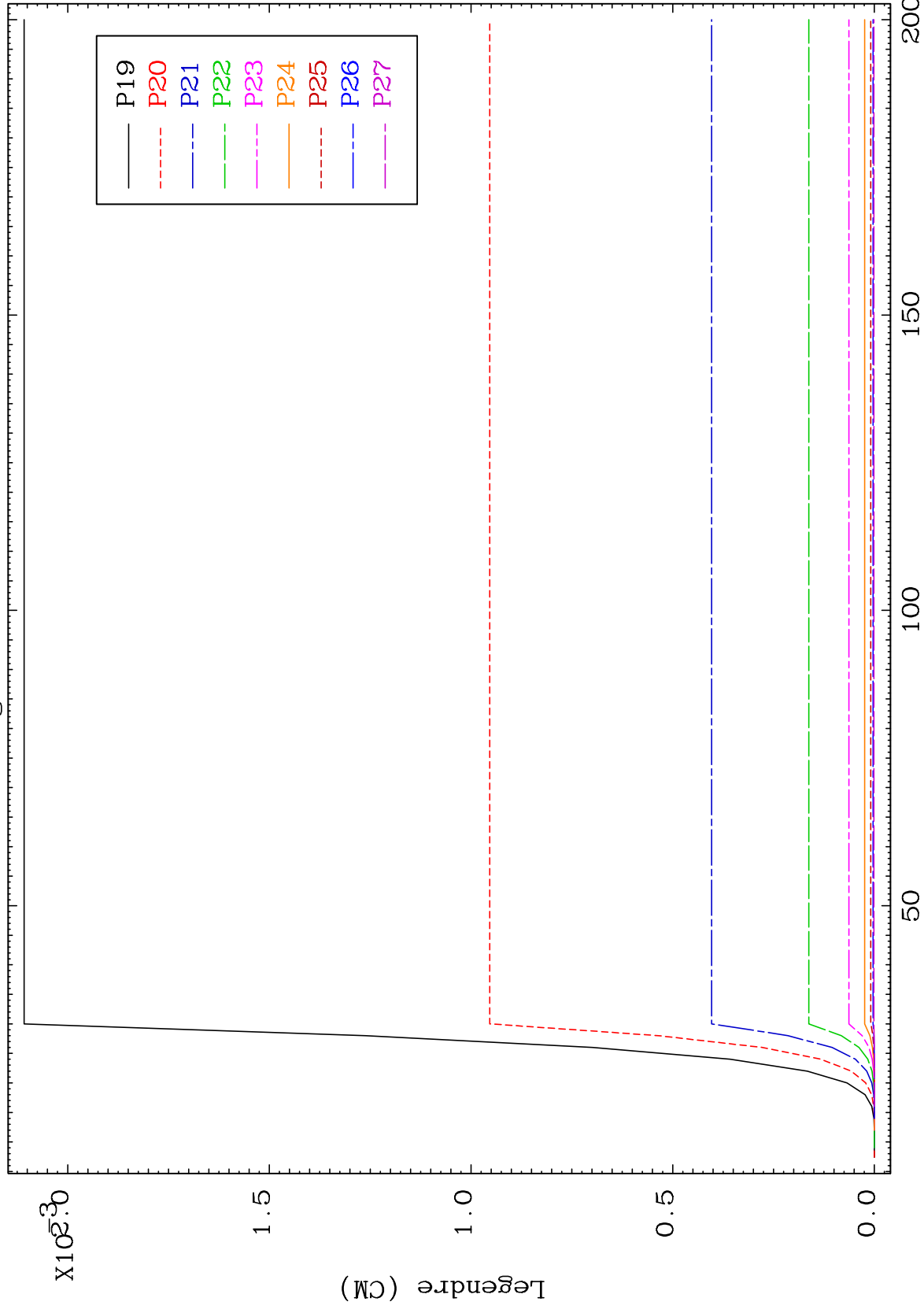
35-Br-78



MAT 3522

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

35-Br-78



76

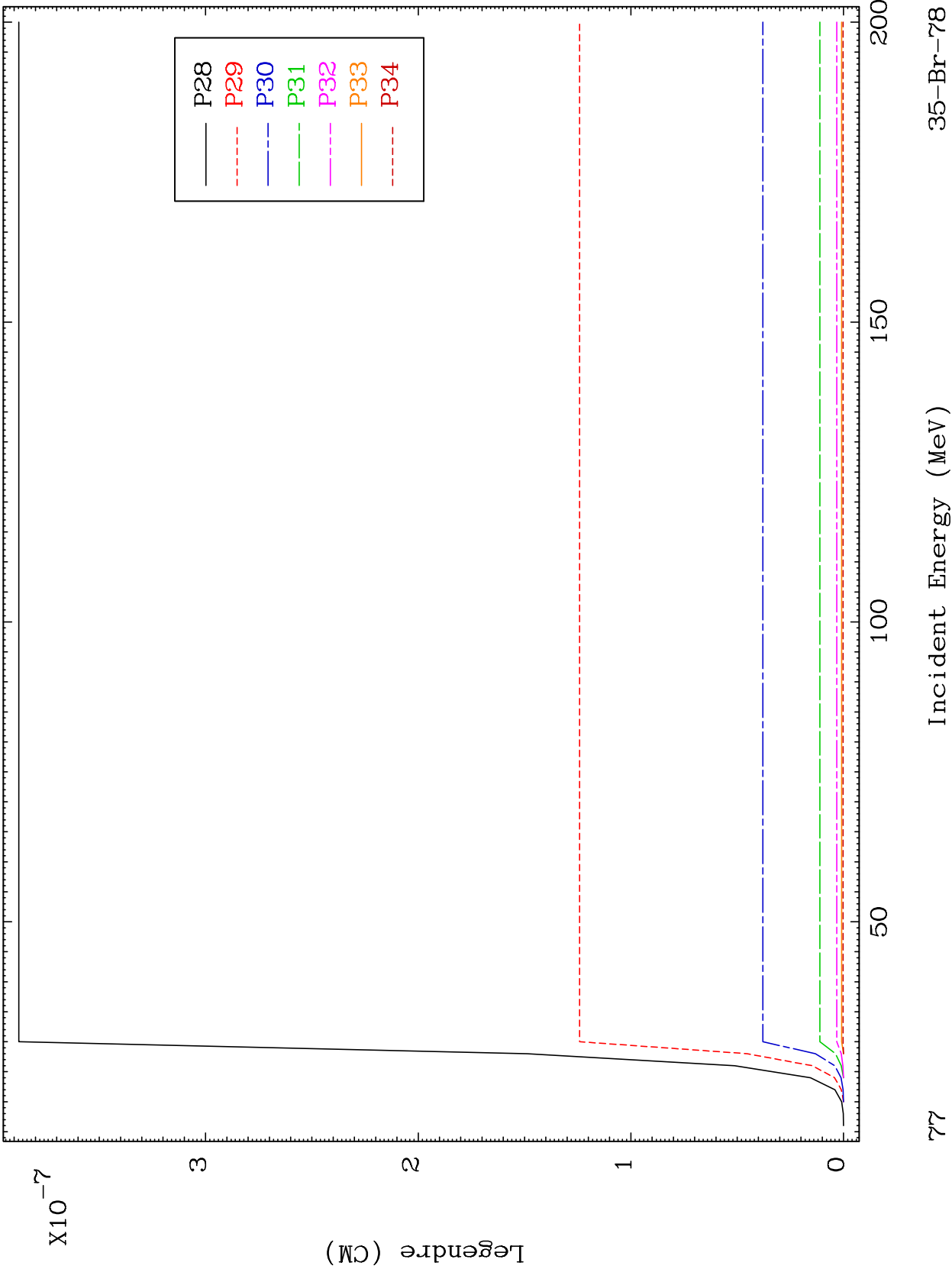
Incident Energy (MeV)

35-Br-78

MAT 3522

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

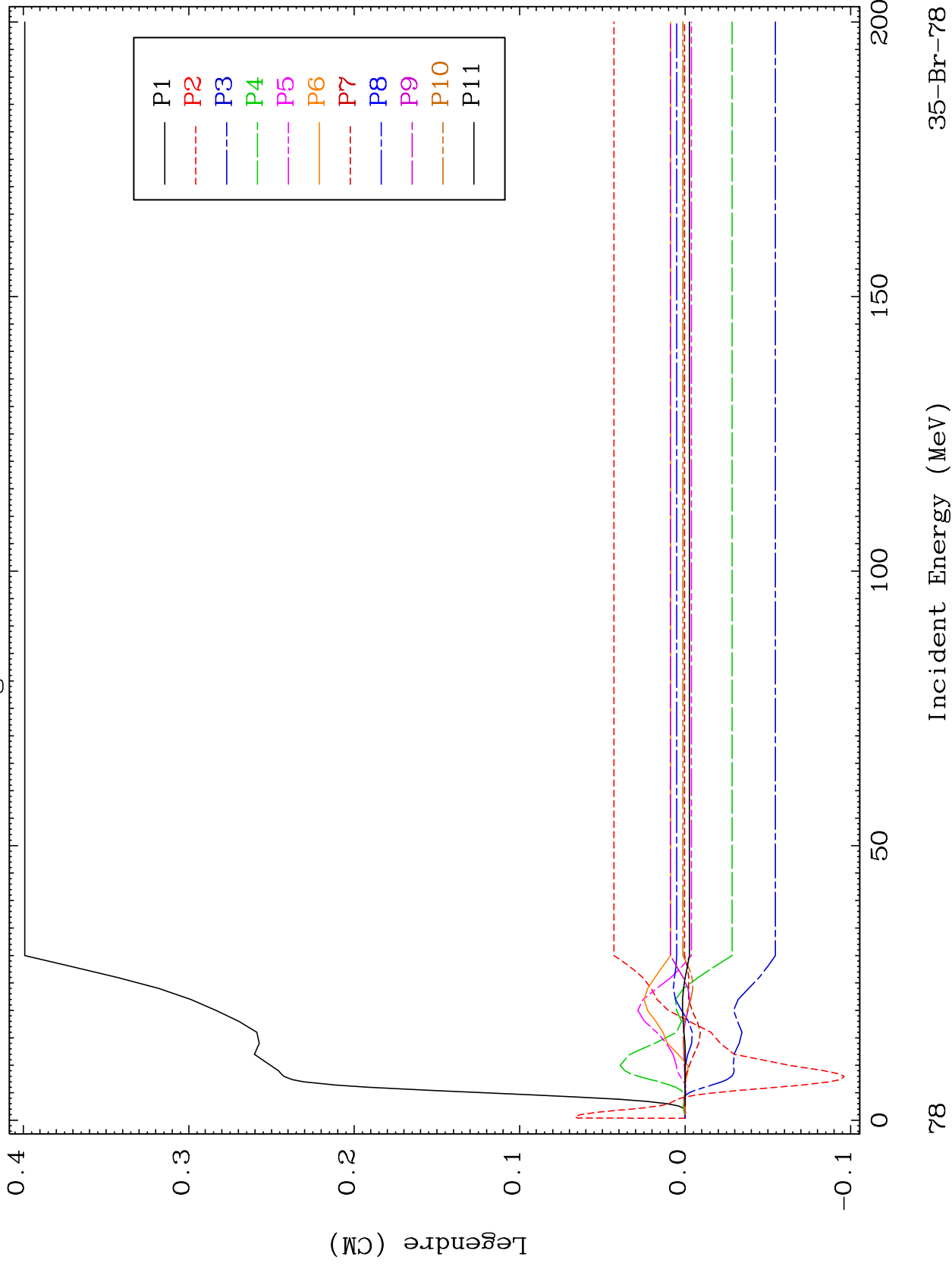
35-Br-78



MAT 3522

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

35-Br-78



78

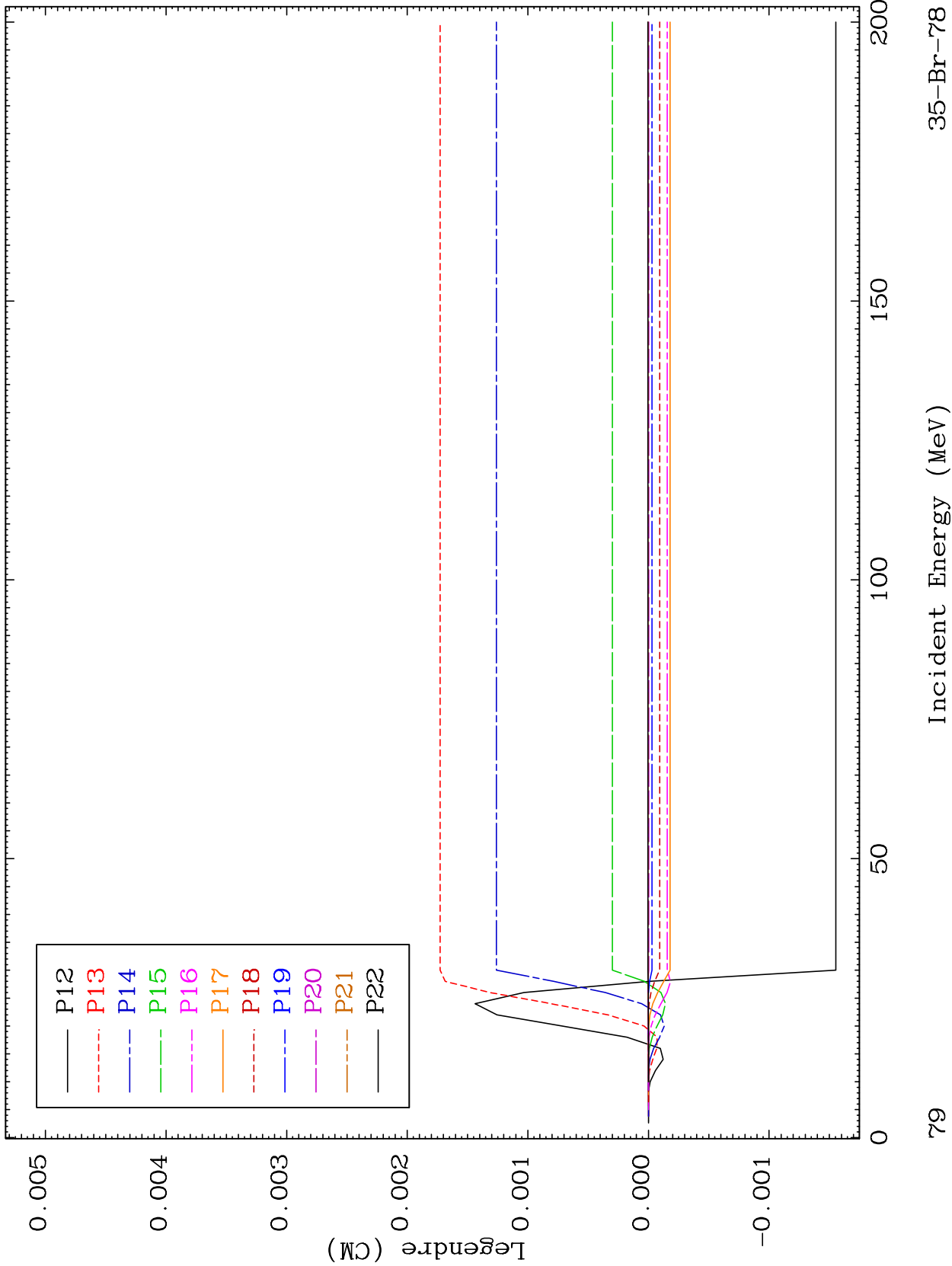
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



79

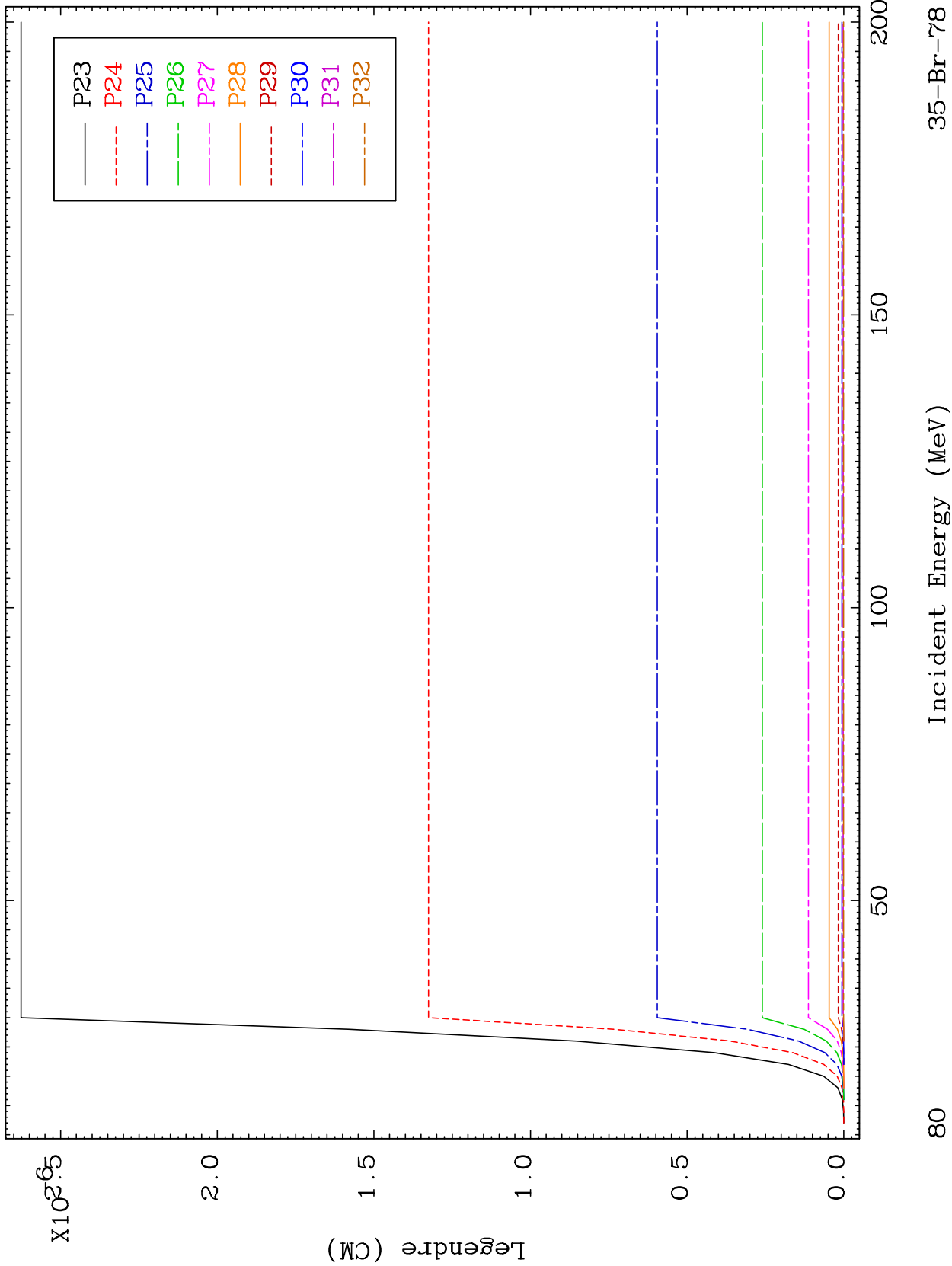
Incident Energy (MeV)

35-Br-78

MAT 3522

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

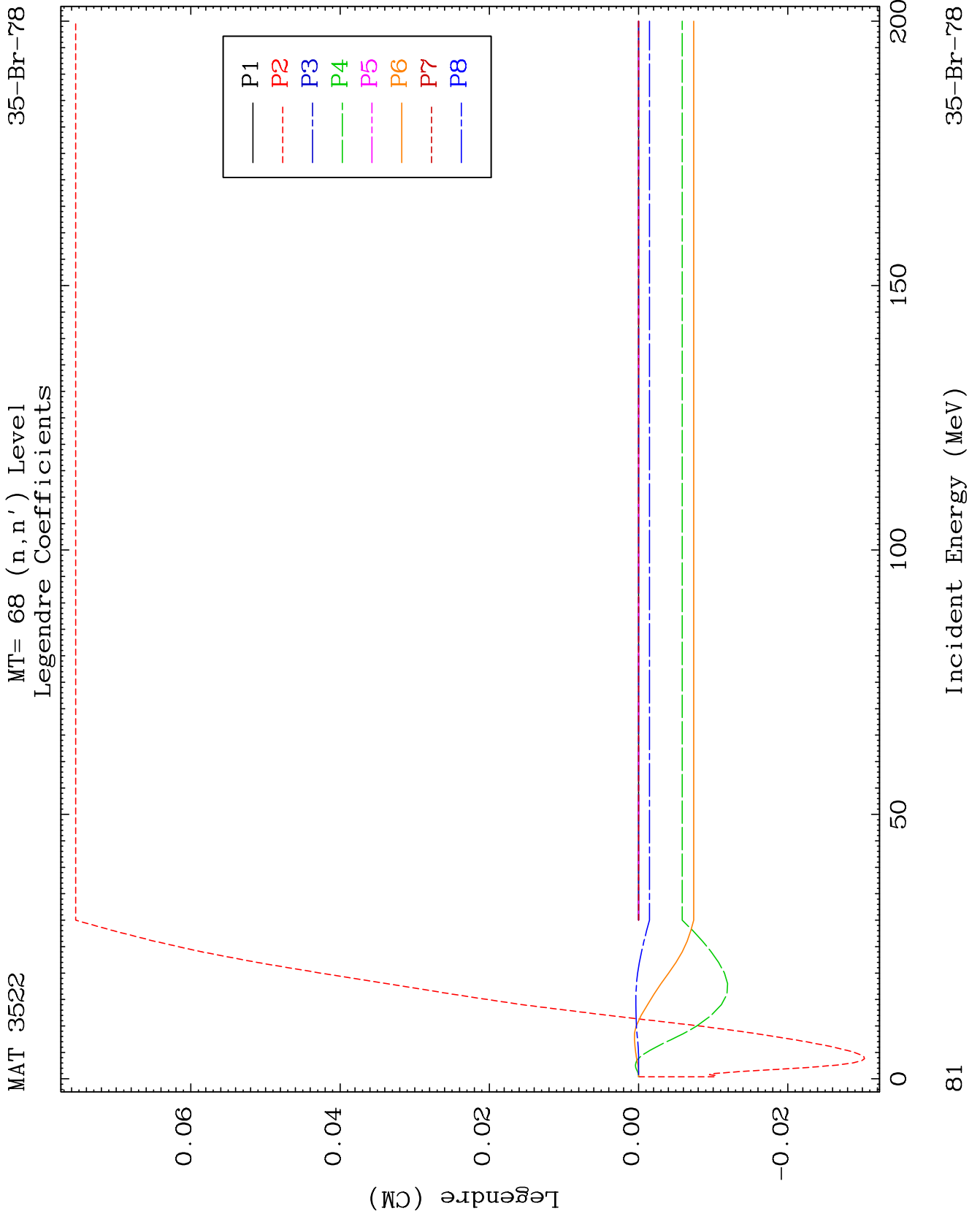
35-Br-78



80

Incident Energy (MeV)

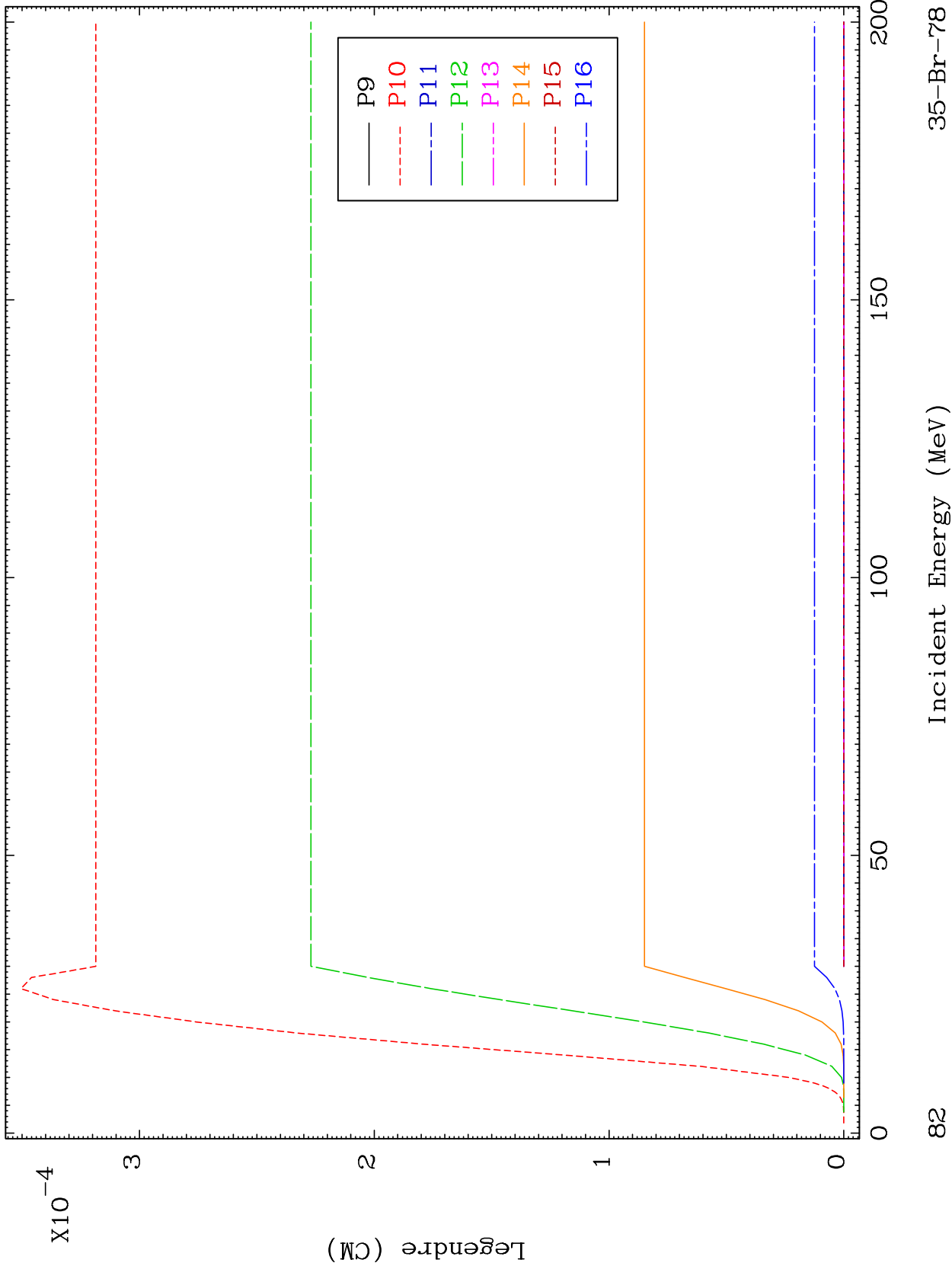
35-Br-78

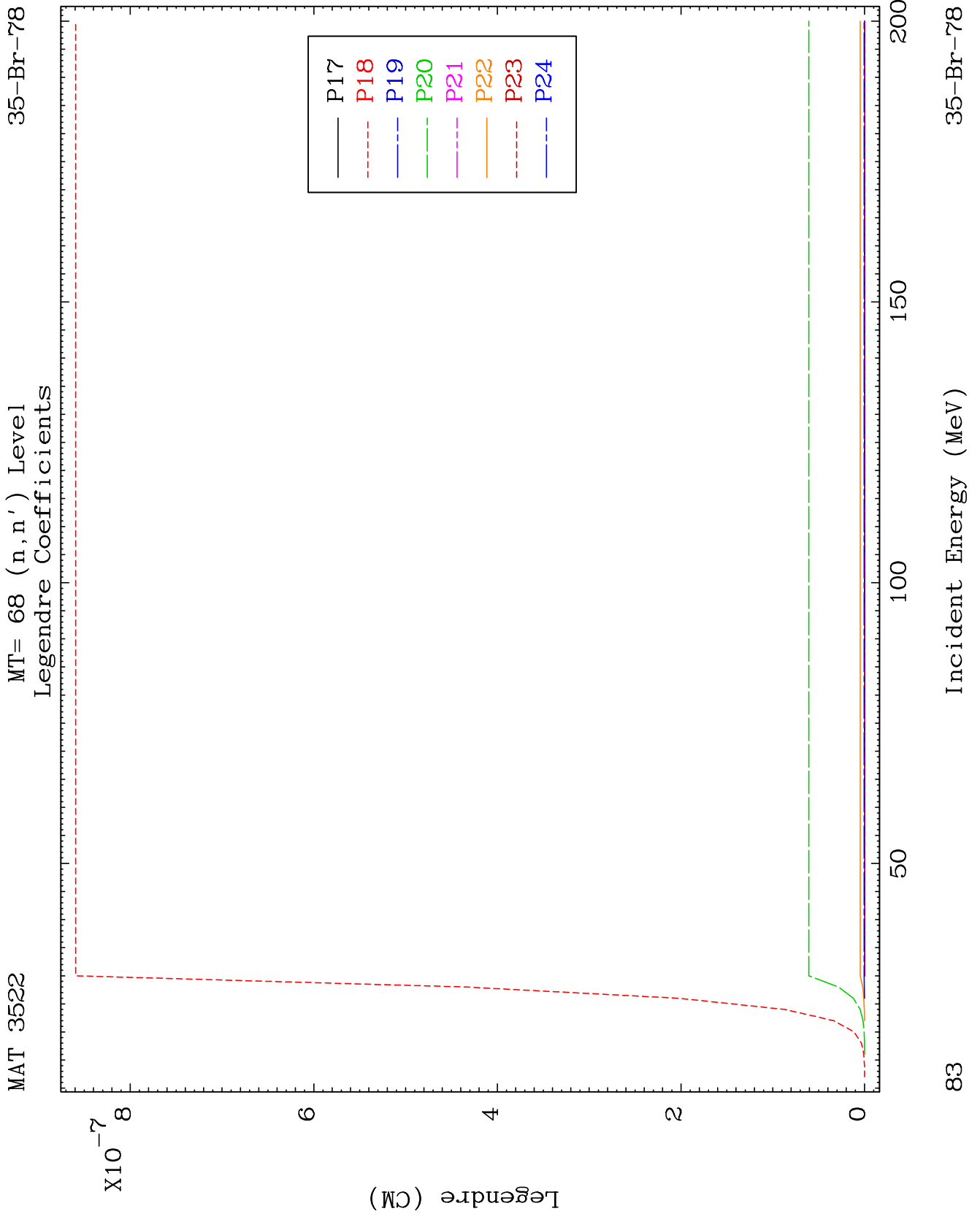


MAT 3522

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

35-Br-78

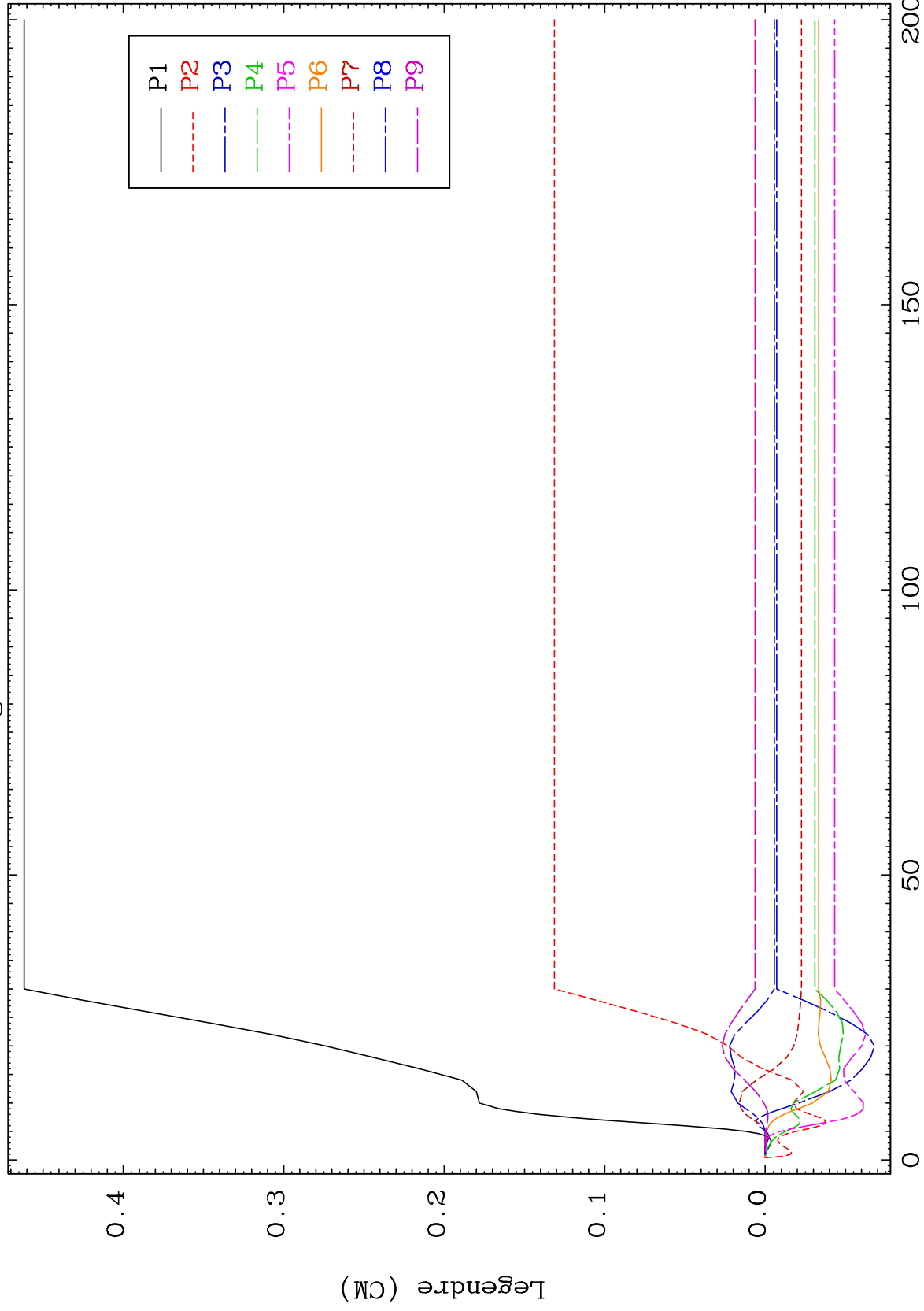




MAT 3522

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

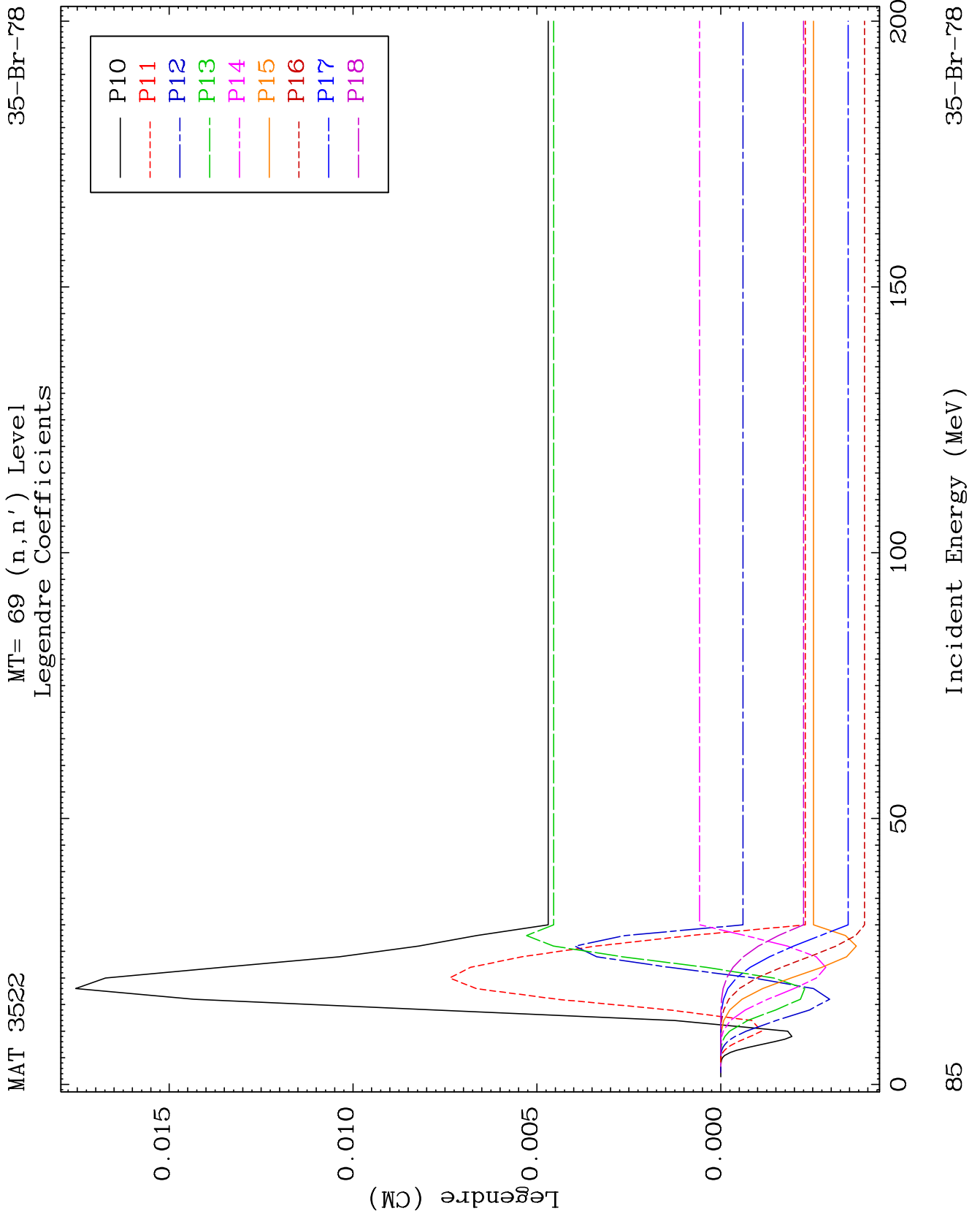
35-Br-78

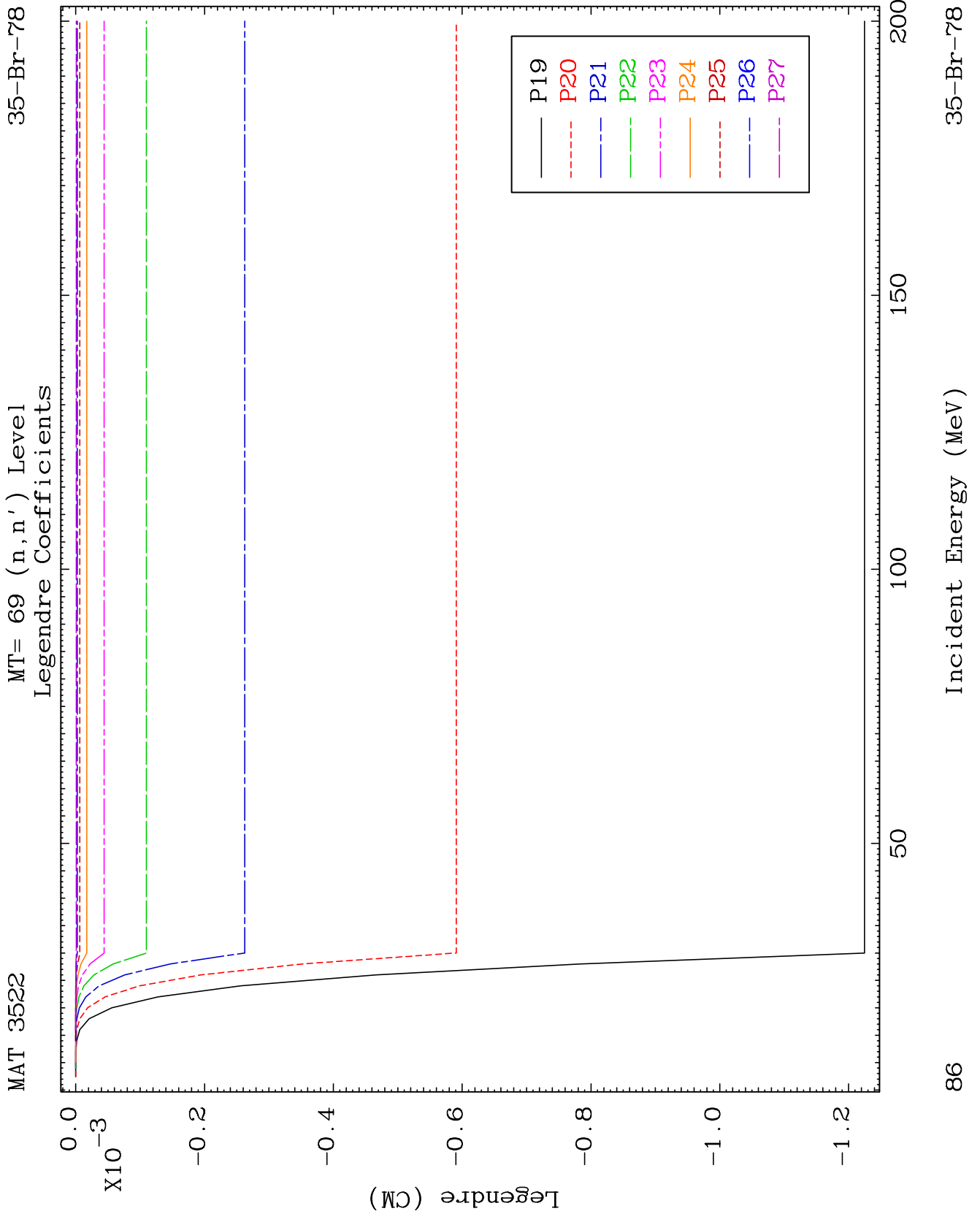


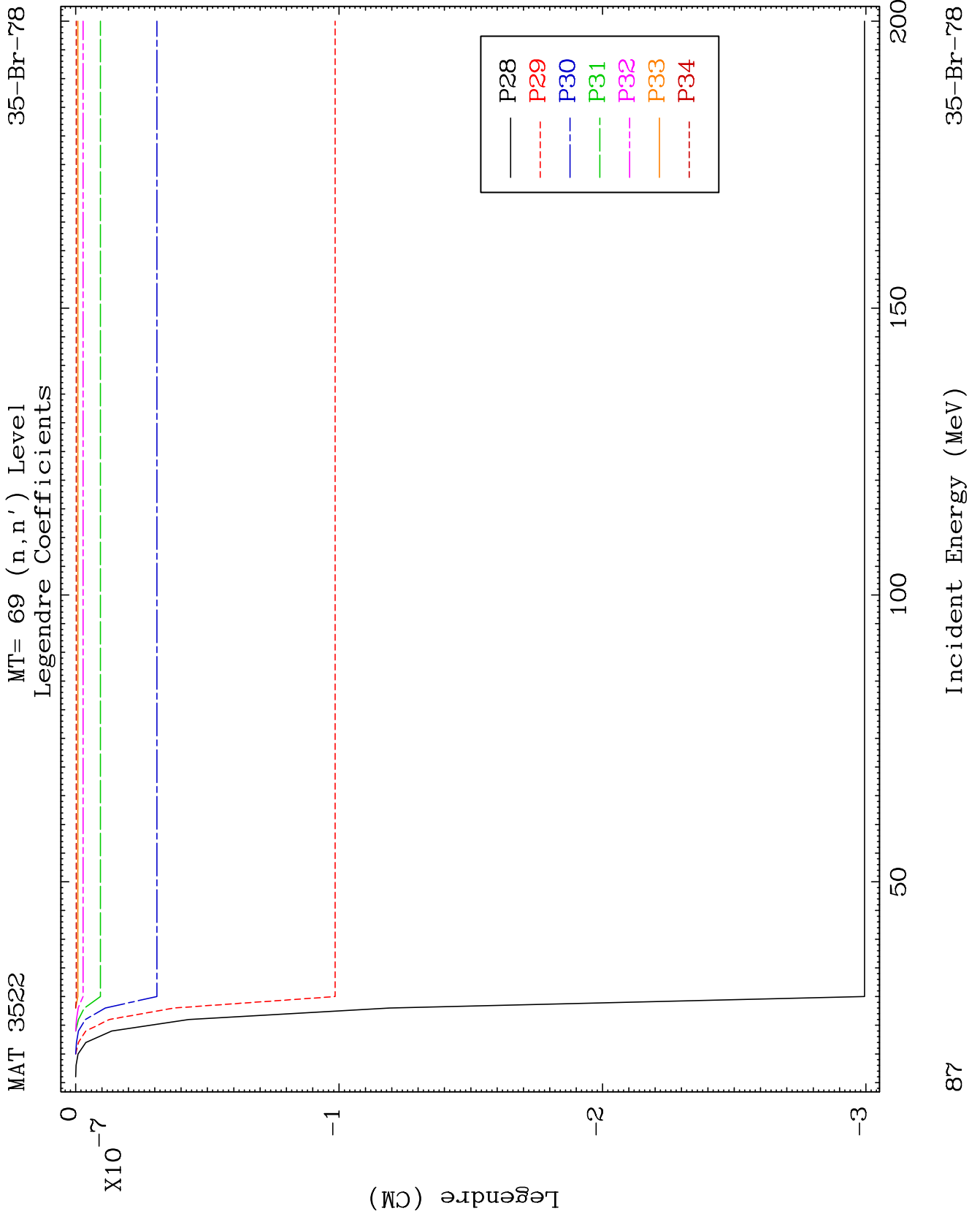
84

Incident Energy (MeV)

35-Br-78



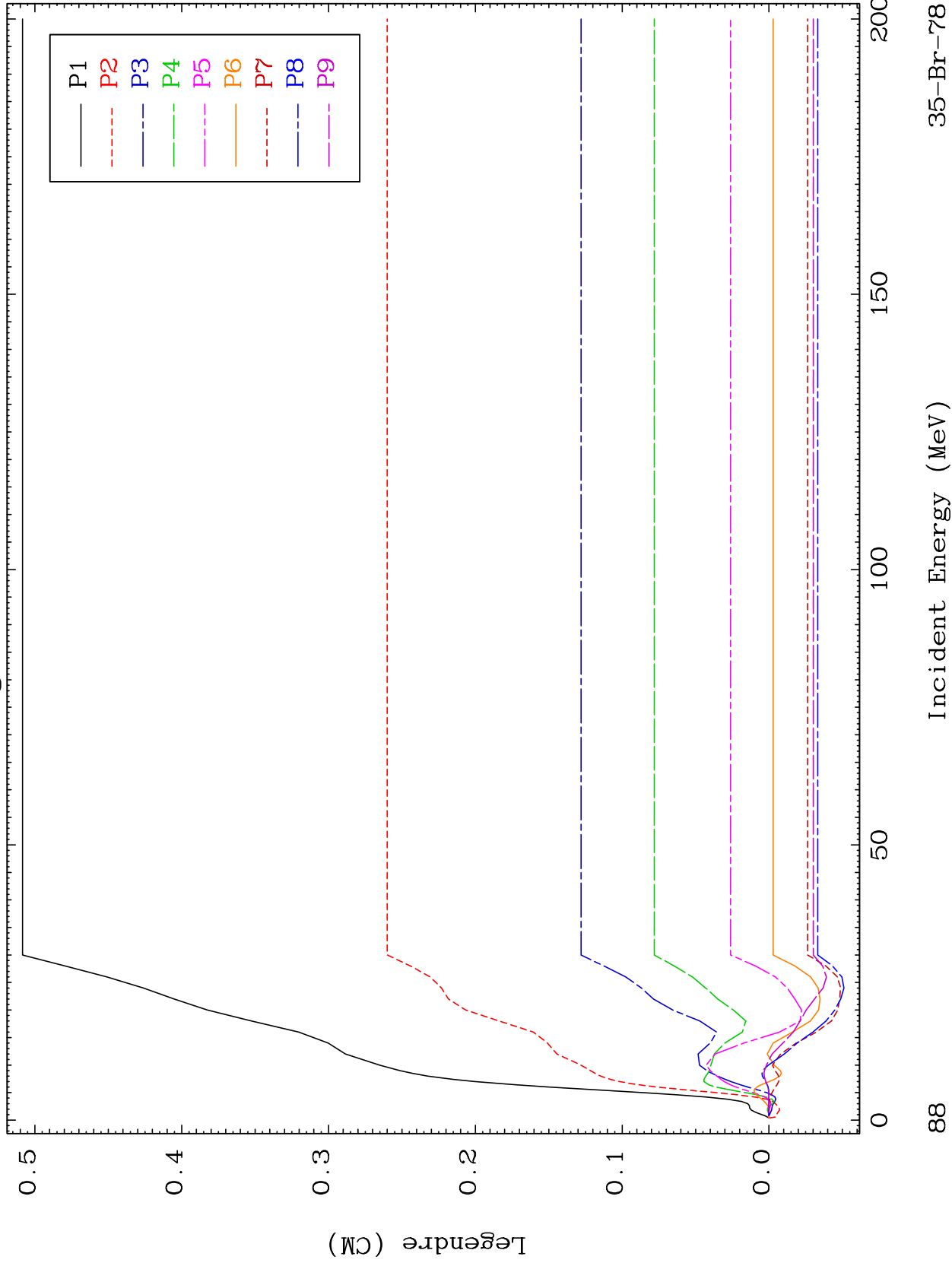




MAT 3522

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

³⁵Br-78



88

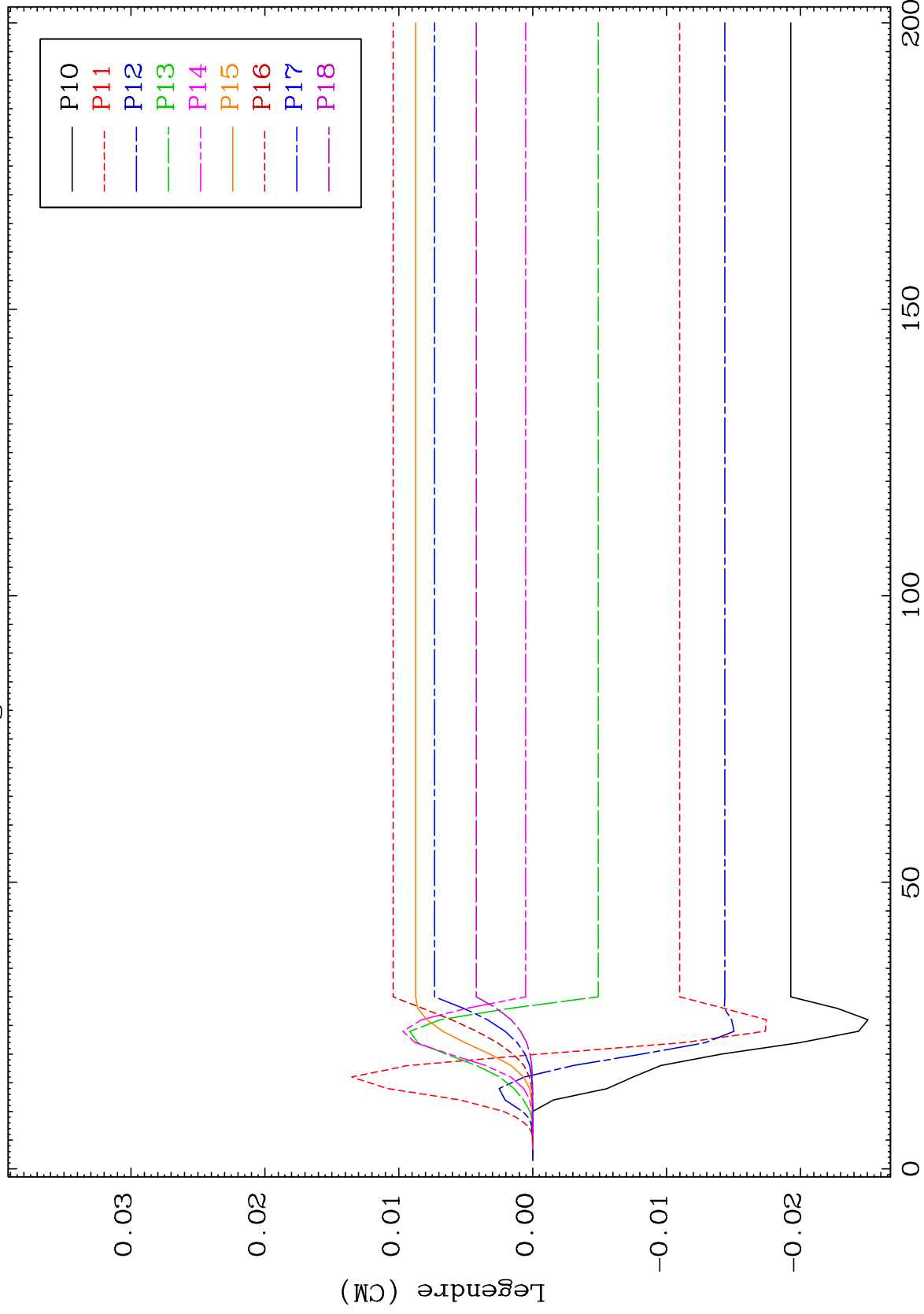
Incident Energy (MeV)

³⁵Br-78

MAT 3522

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

35-Br-78



89

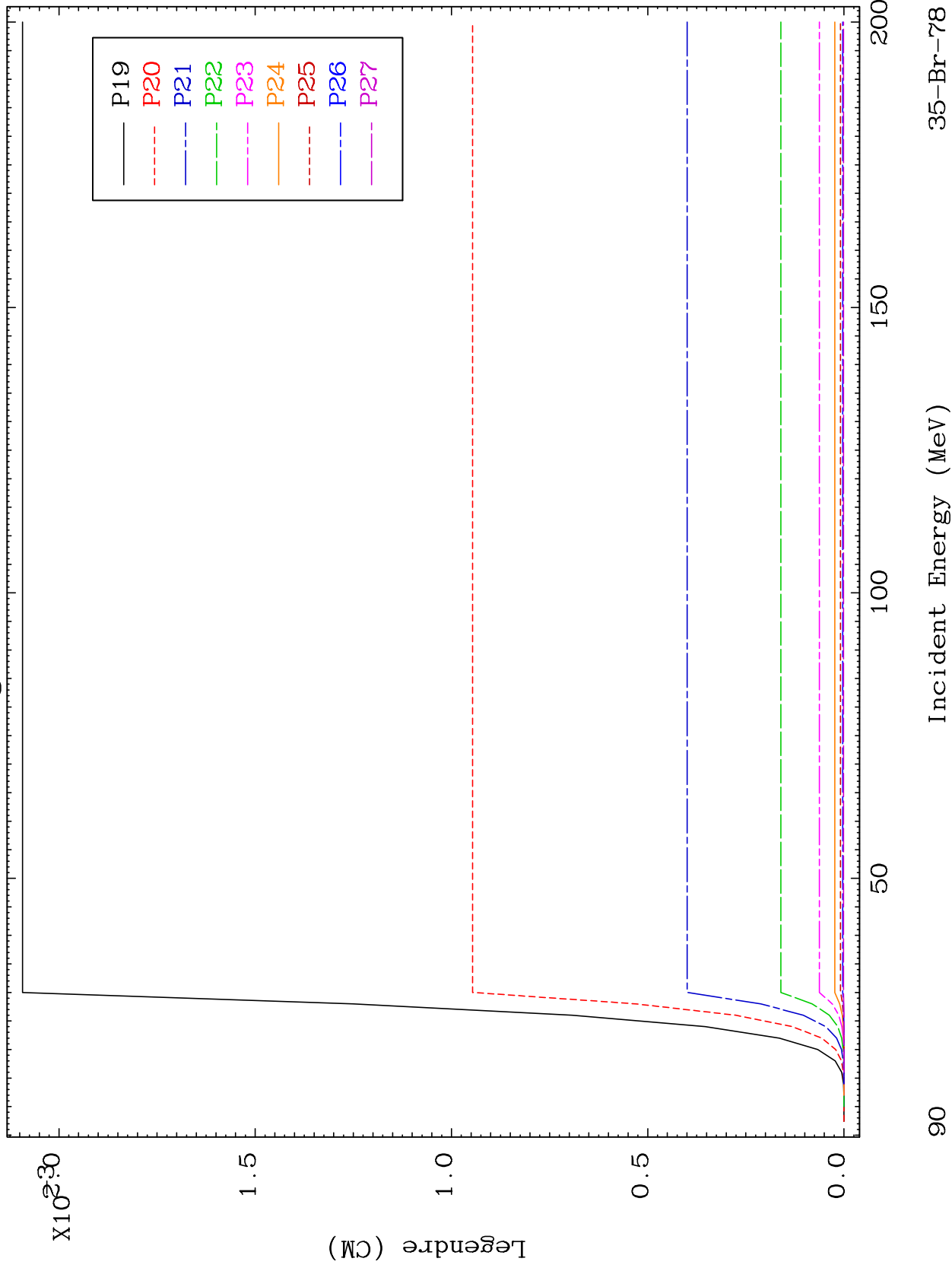
Incident Energy (MeV)

35-Br-78

MAT 3522

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

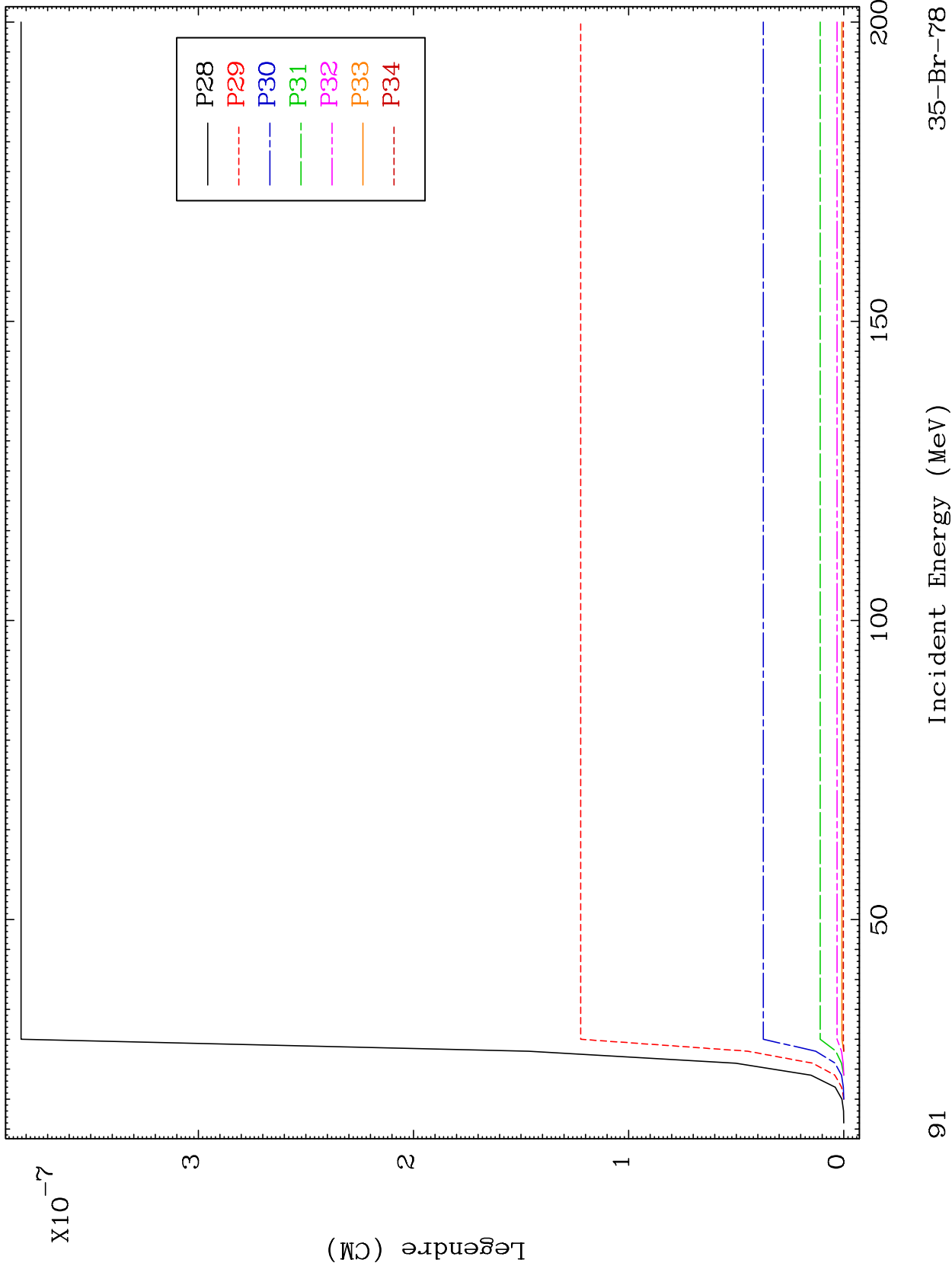
35-Br-78



MAT 3522

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

35-Br-78



91

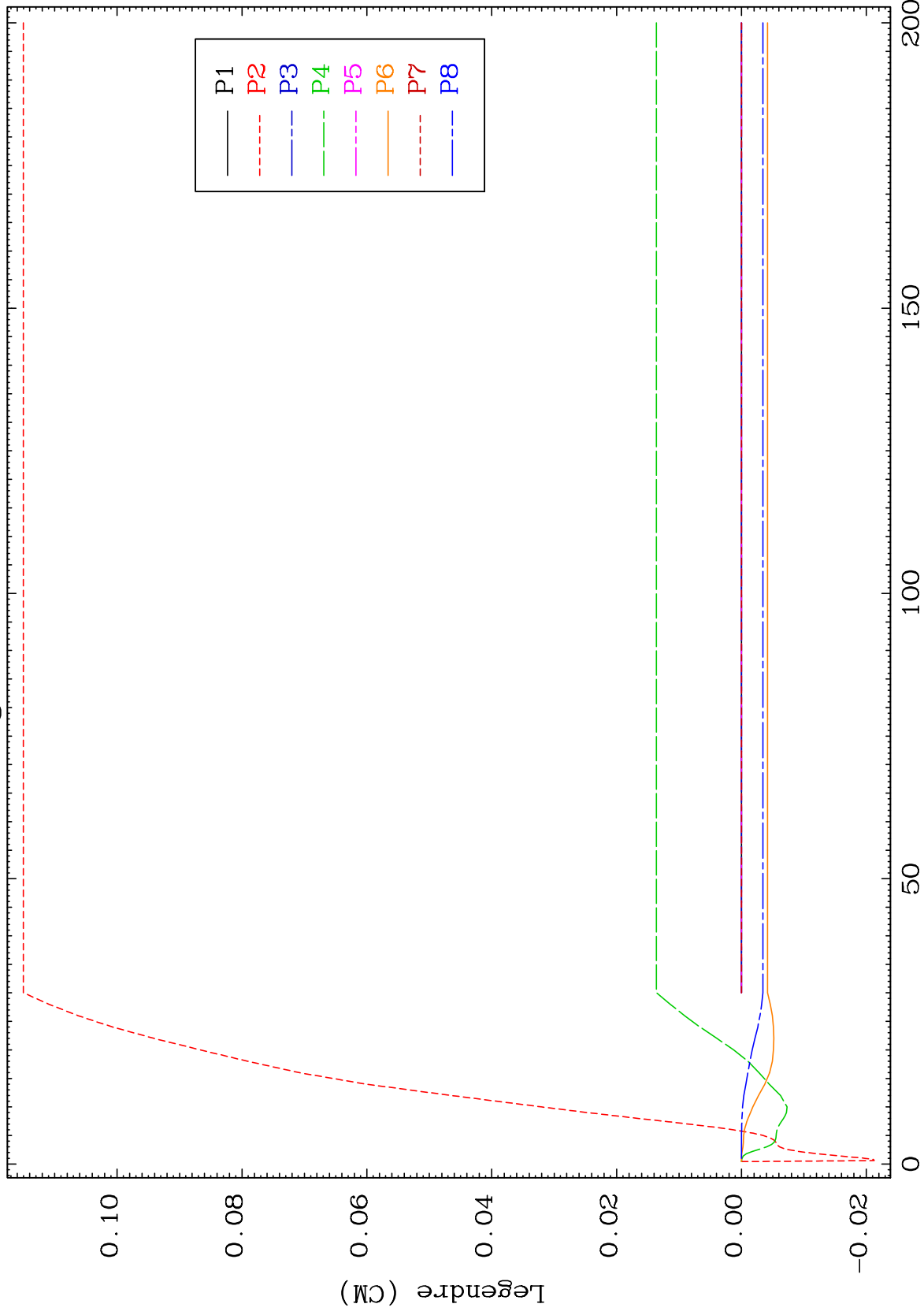
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



92

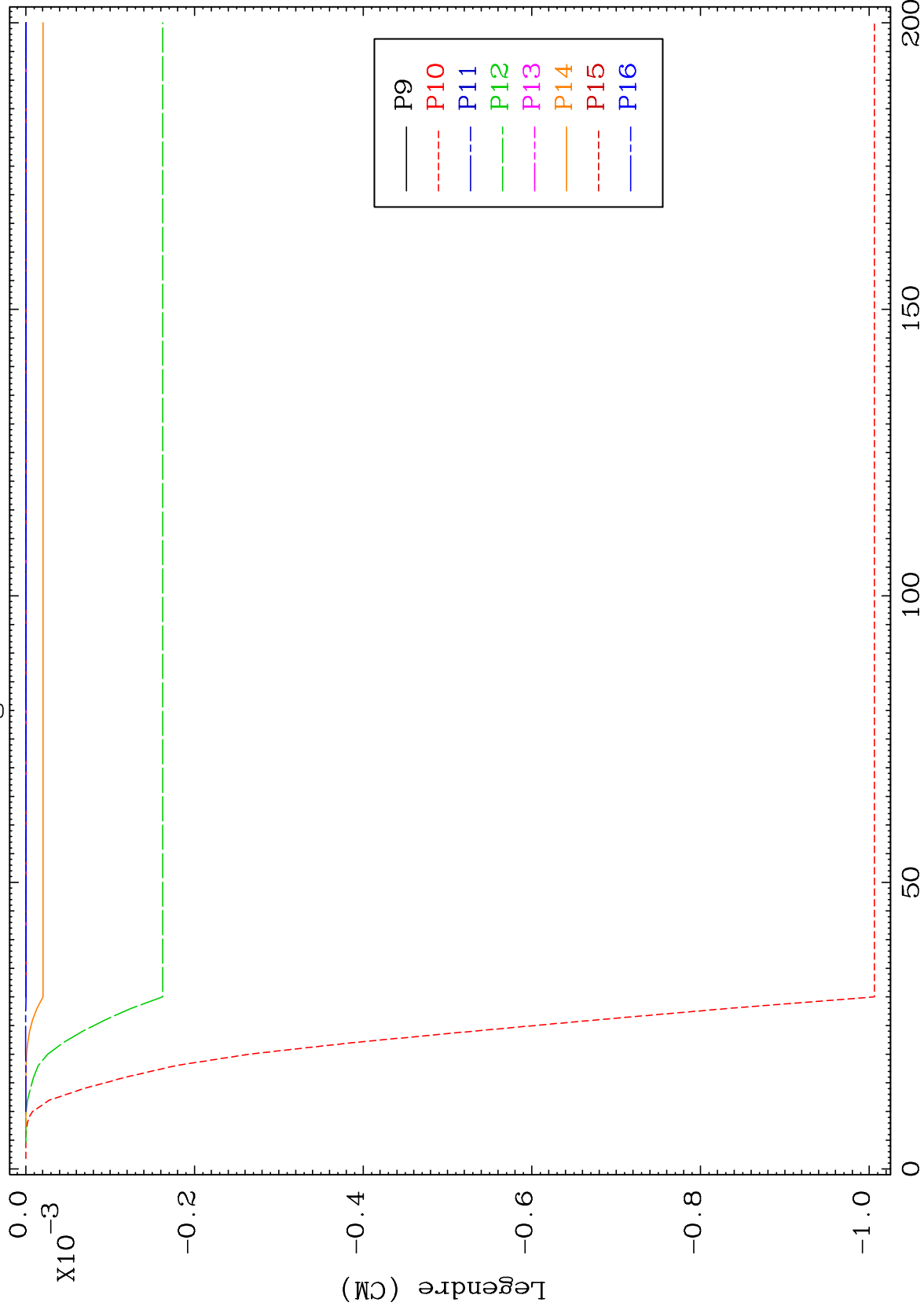
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



93

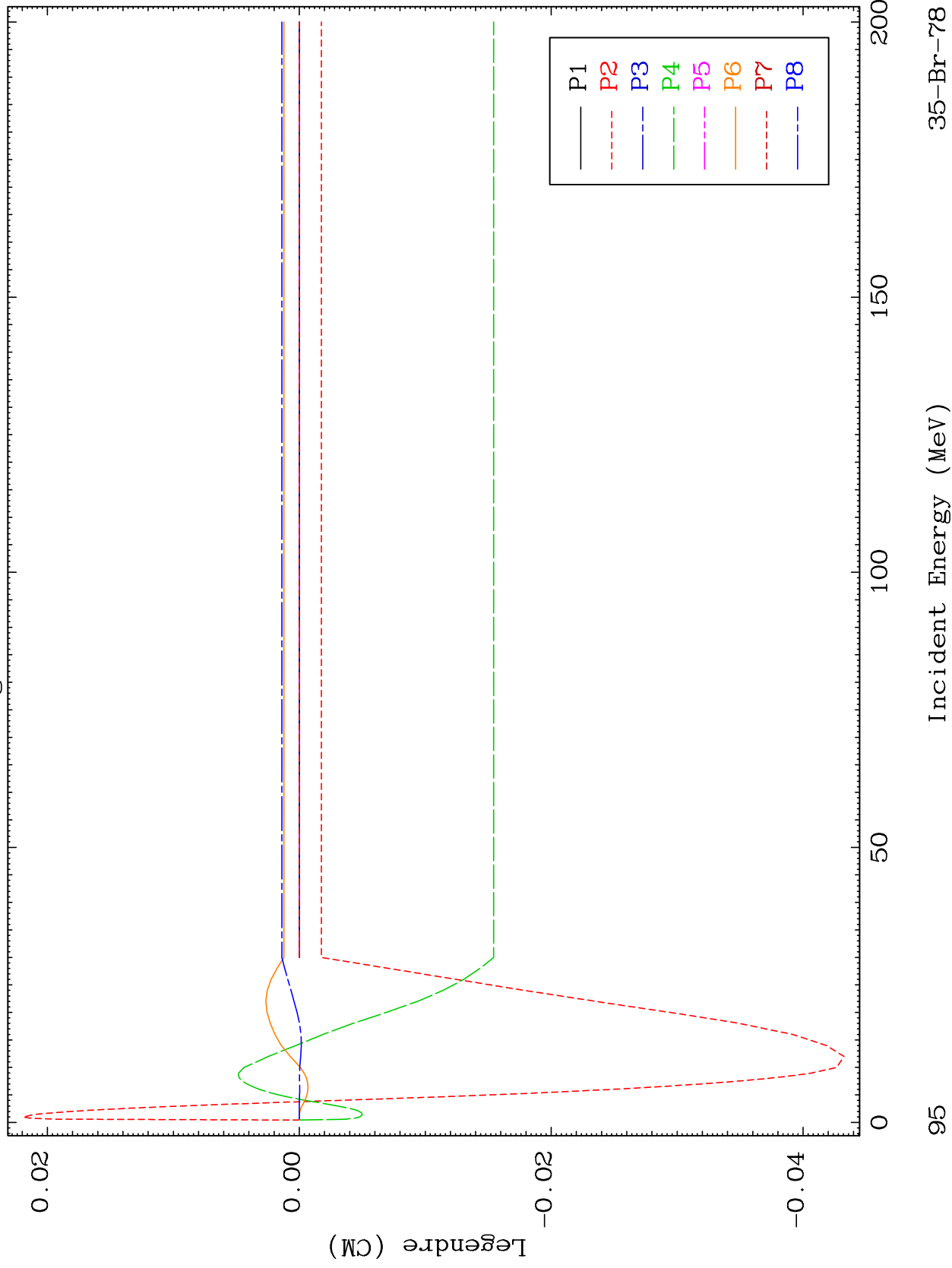
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



35-Br-78

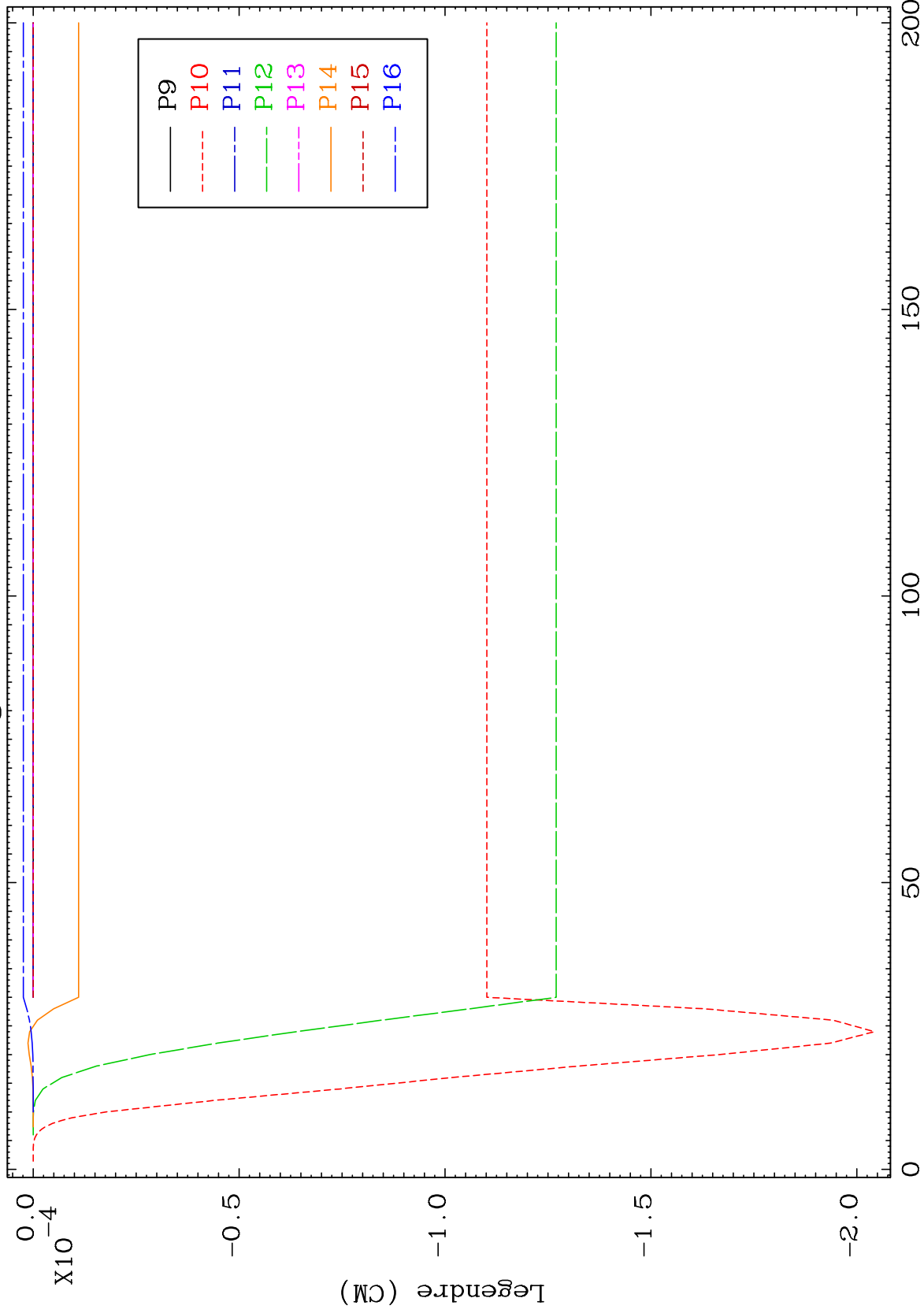
Incident Energy (MeV)

95

MAT 3522

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

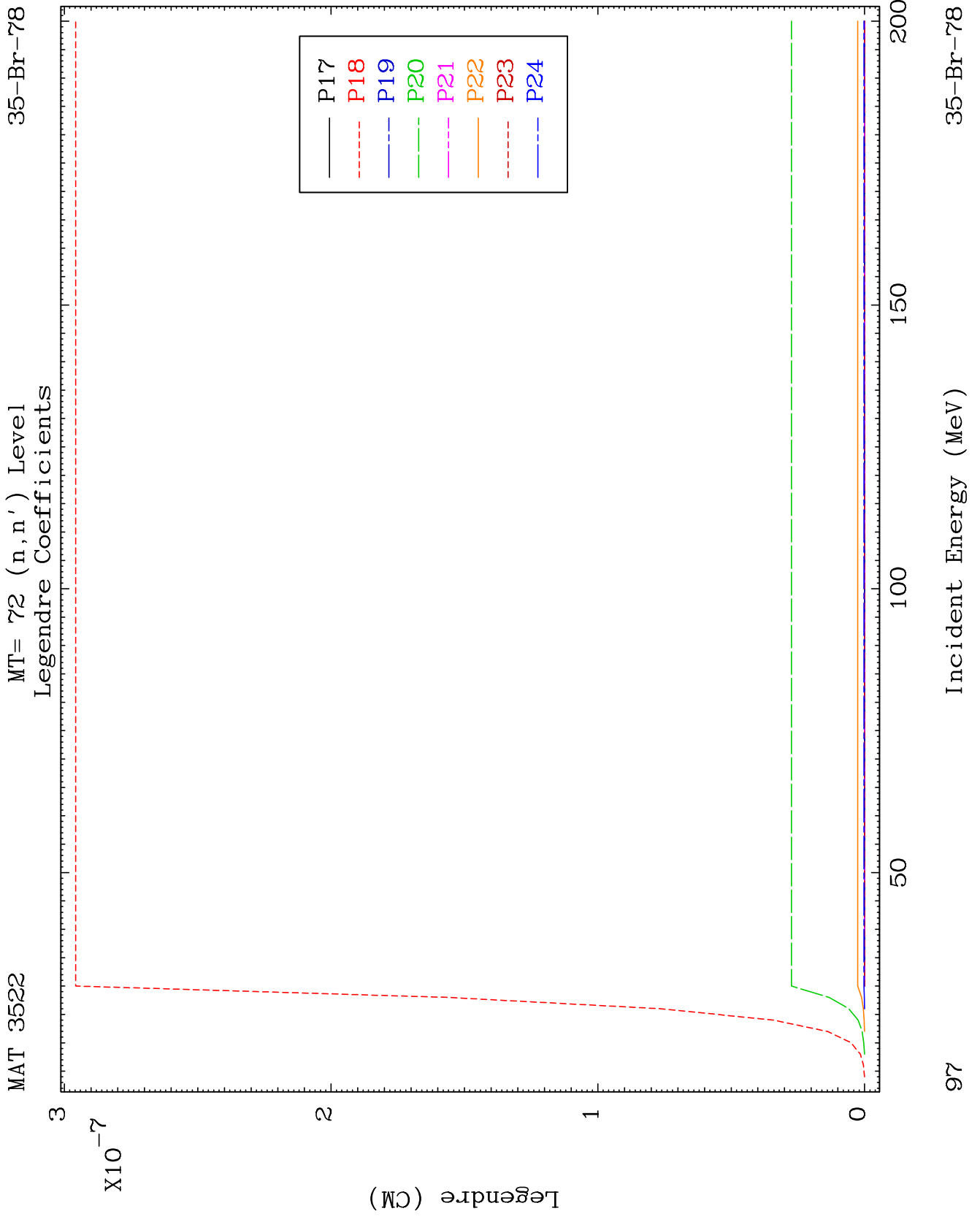
35-Br-78



96

Incident Energy (MeV)

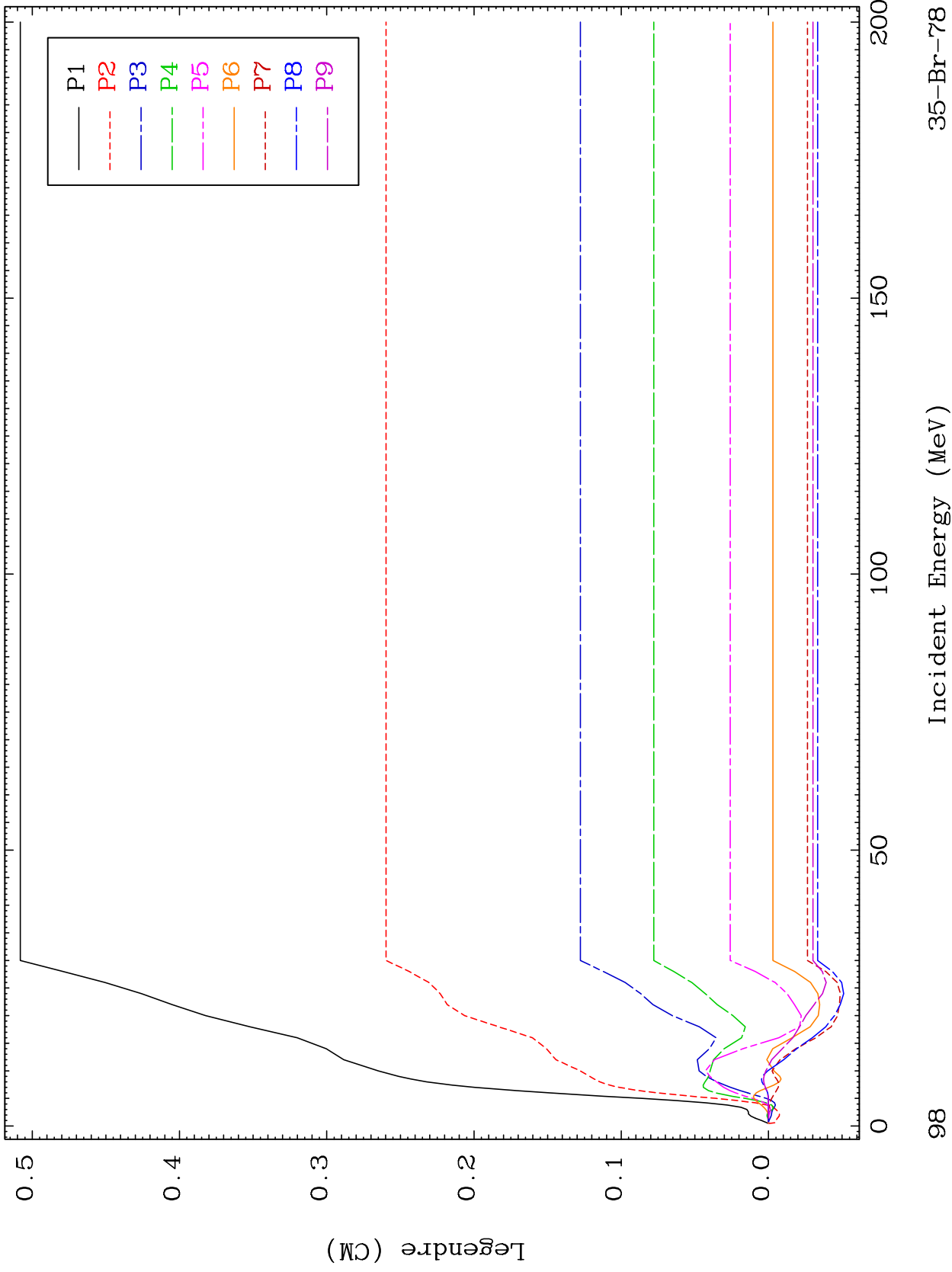
35-Br-78



MAT 3522

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

35-Br-78



98

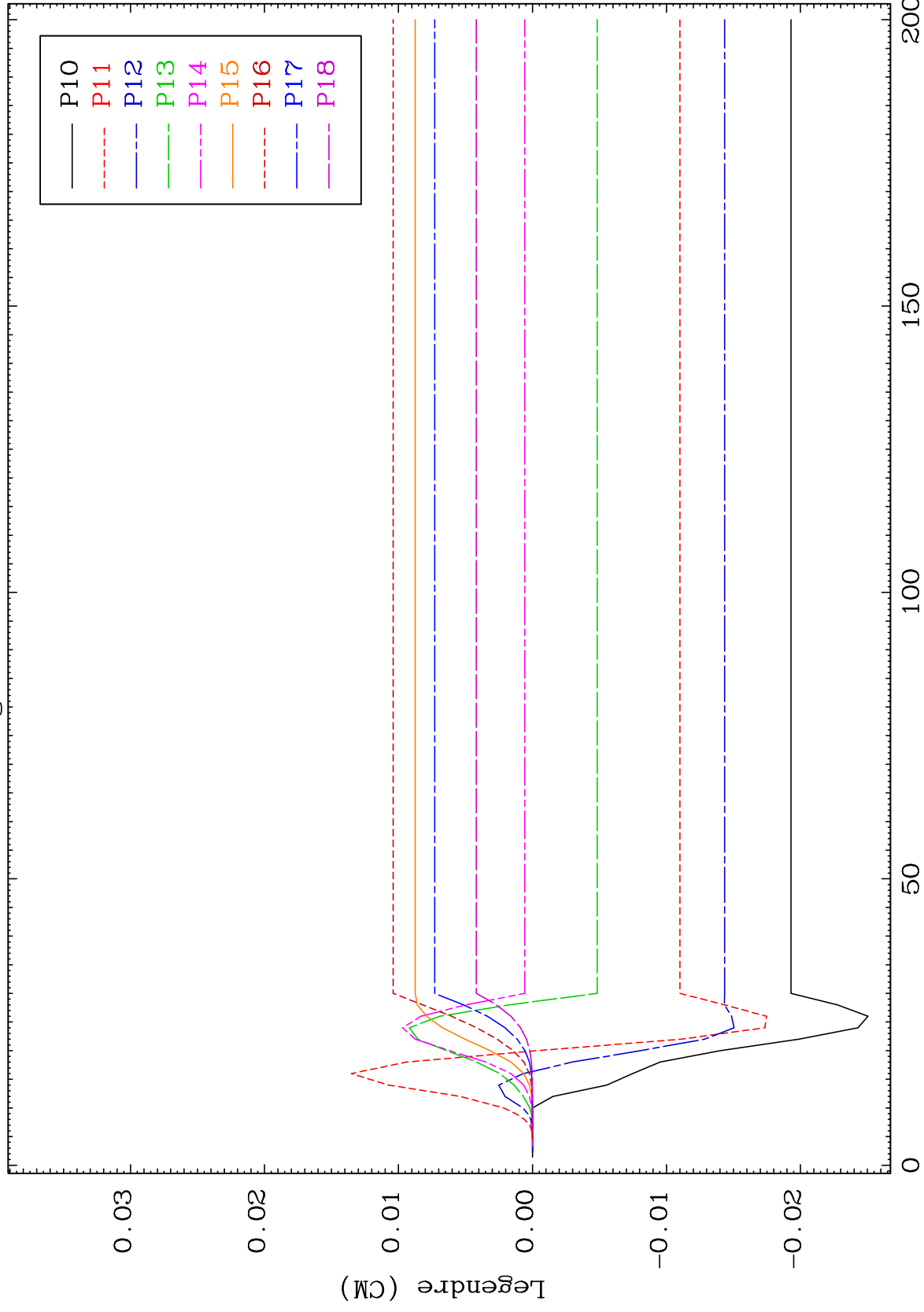
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



99

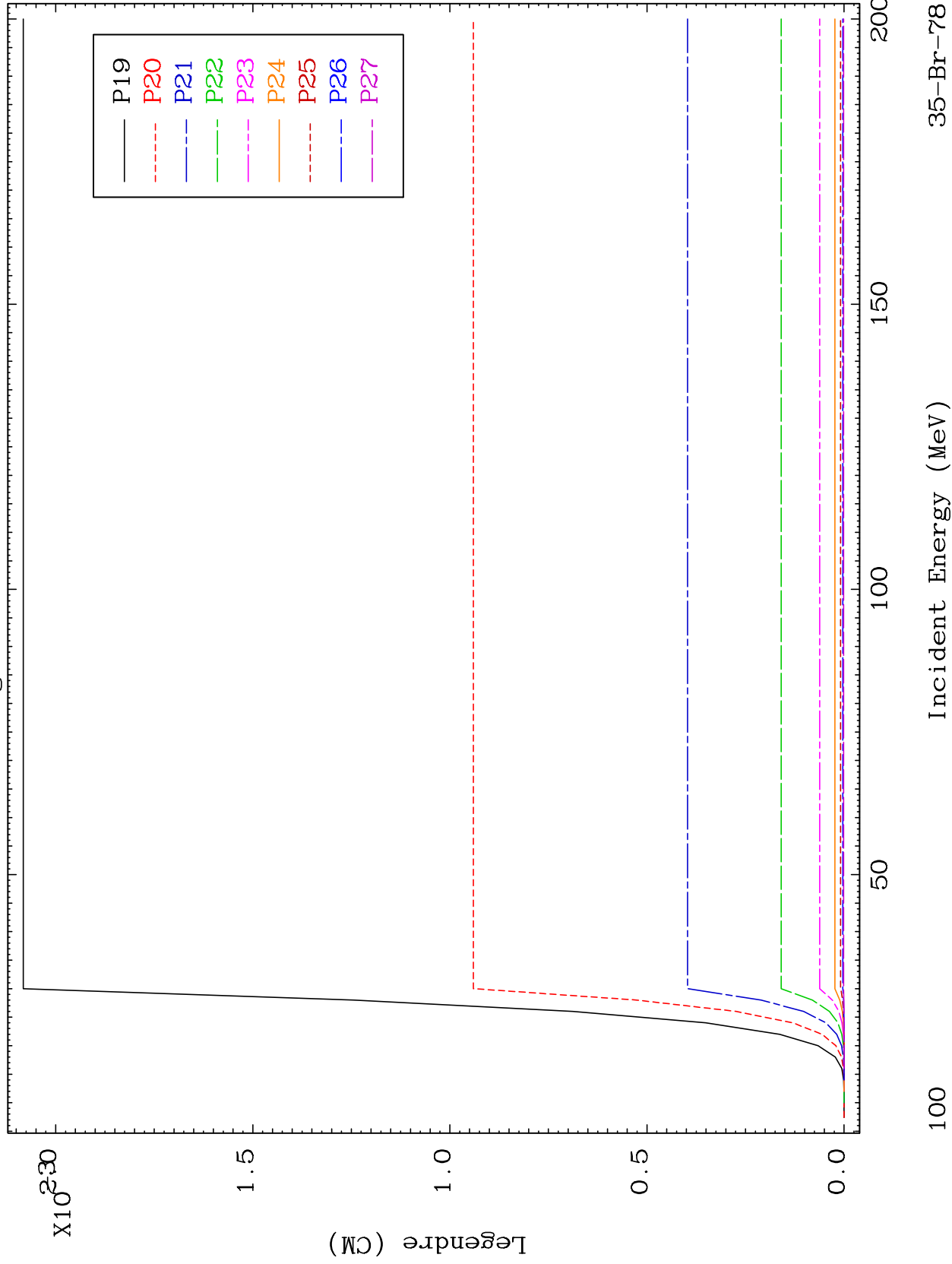
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



100

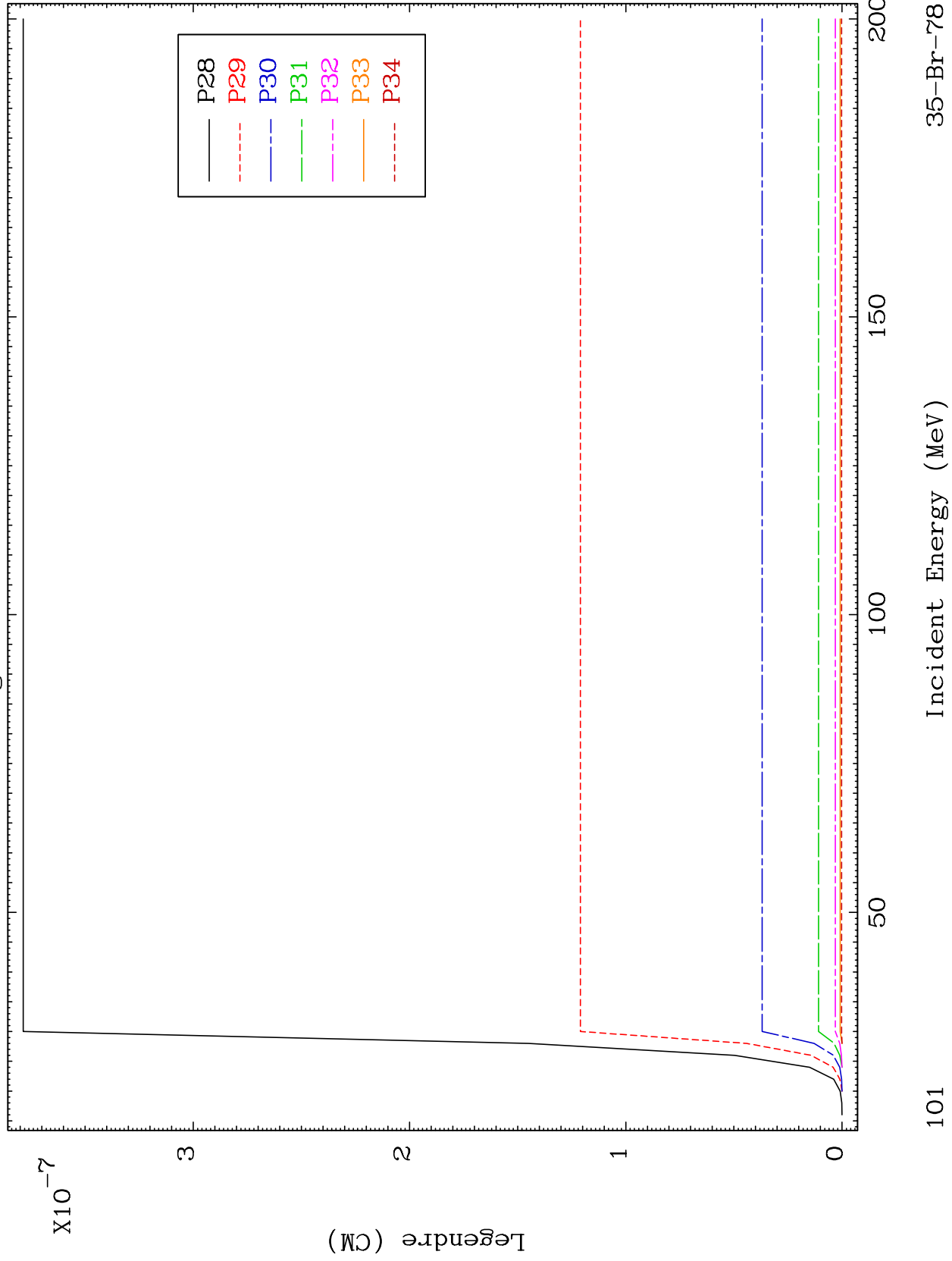
Incident Energy (MeV)

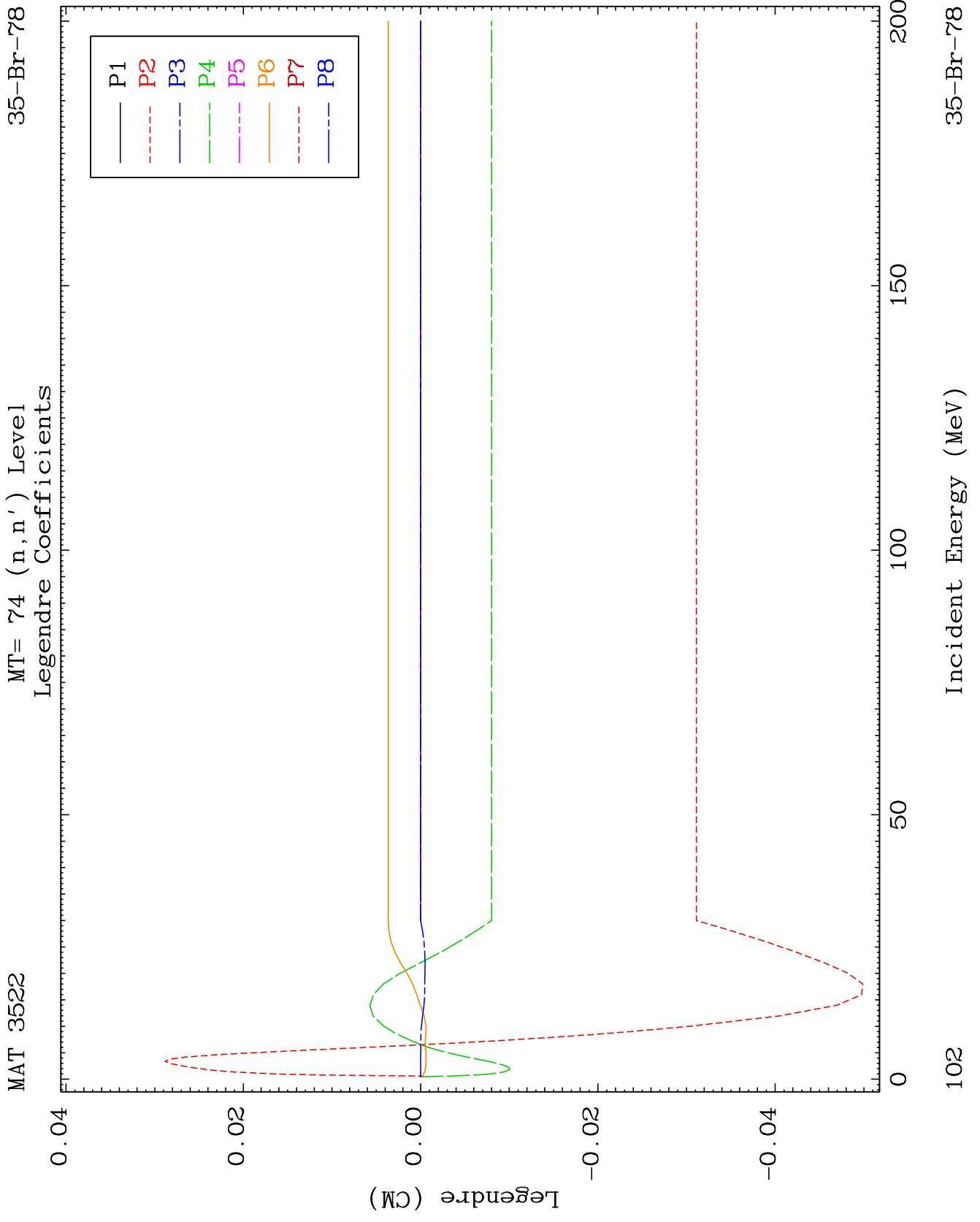
35-Br-78

MAT 3522

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

35-Br-78

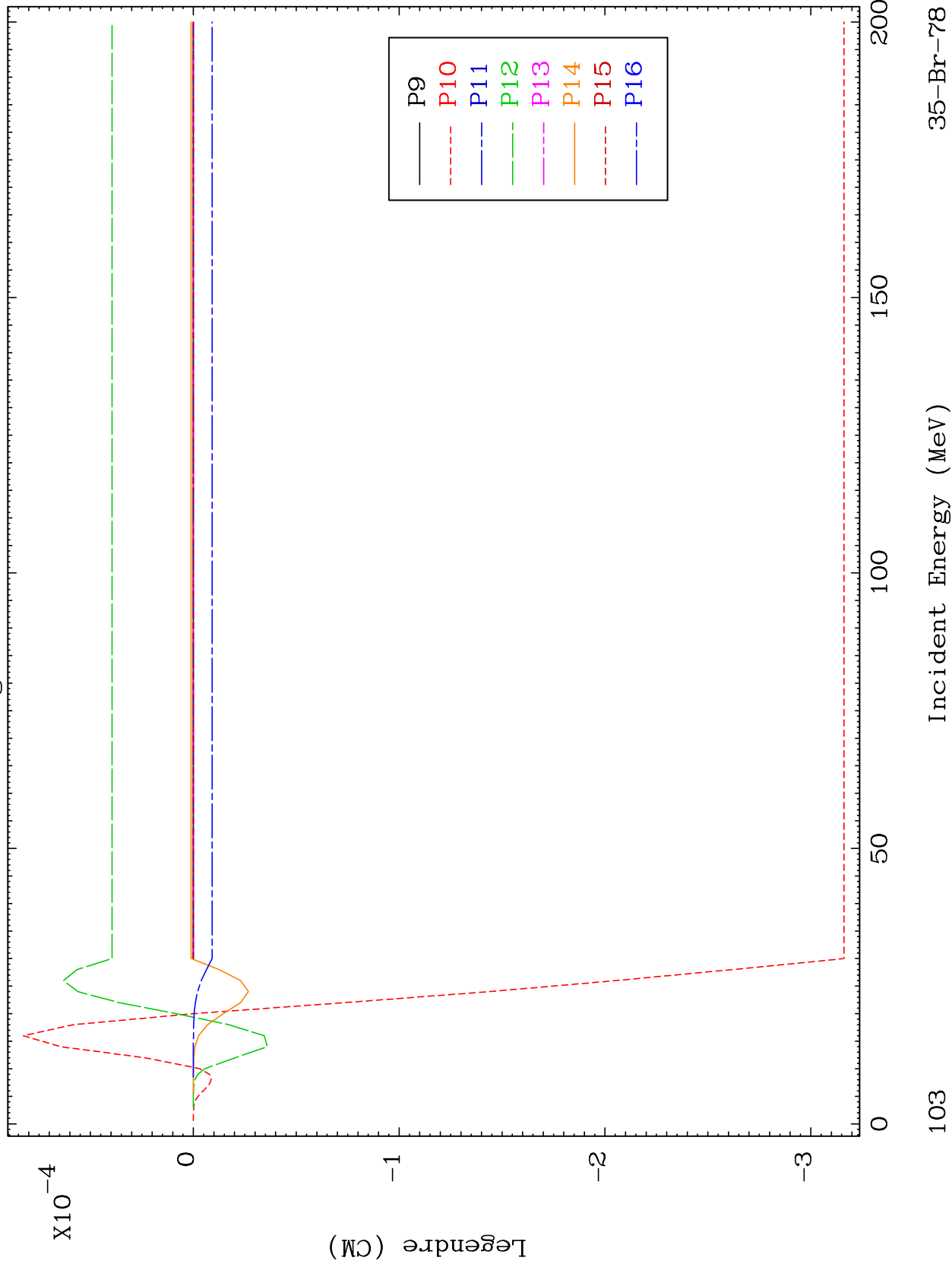




MAT 3522

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

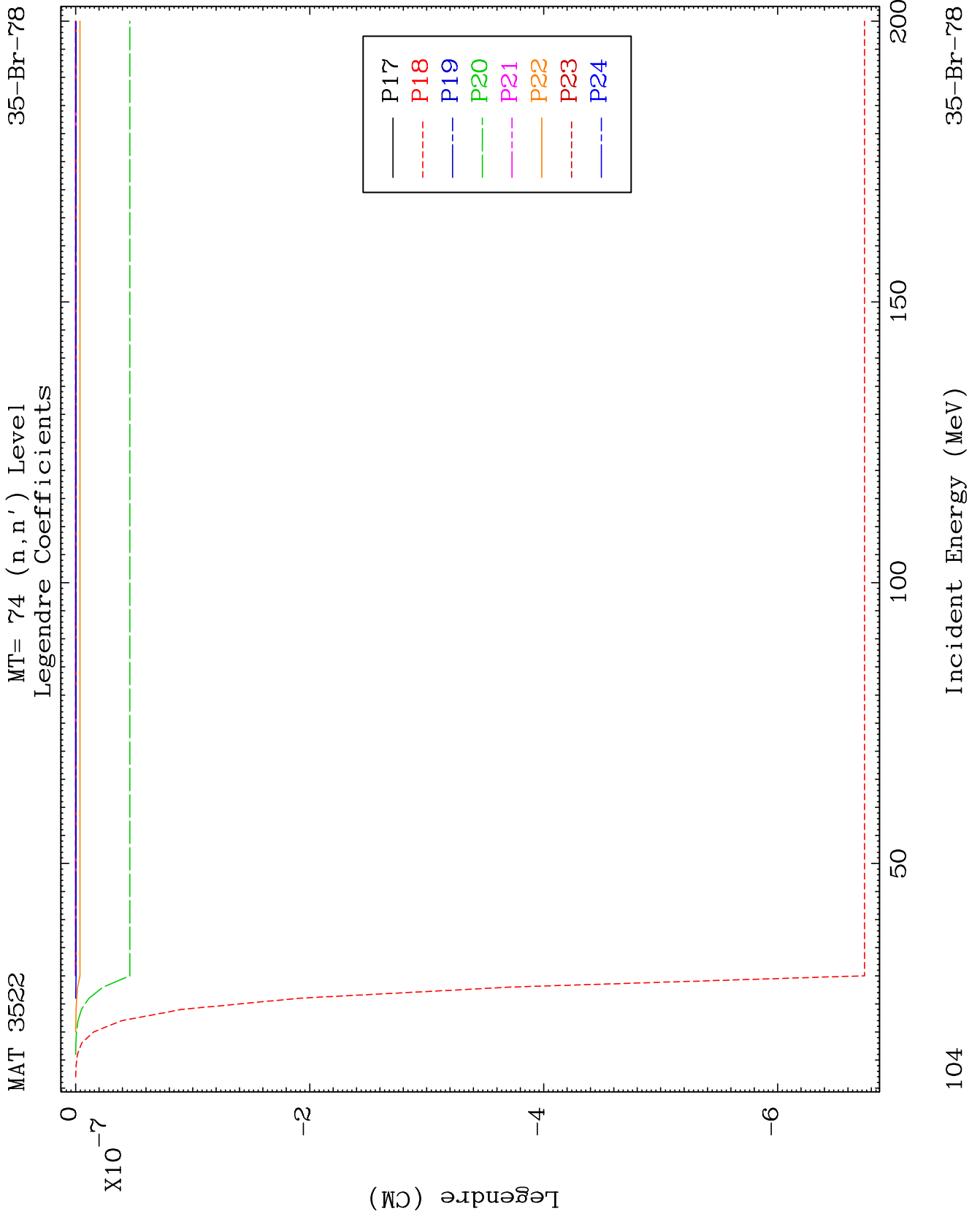
35-Br-78

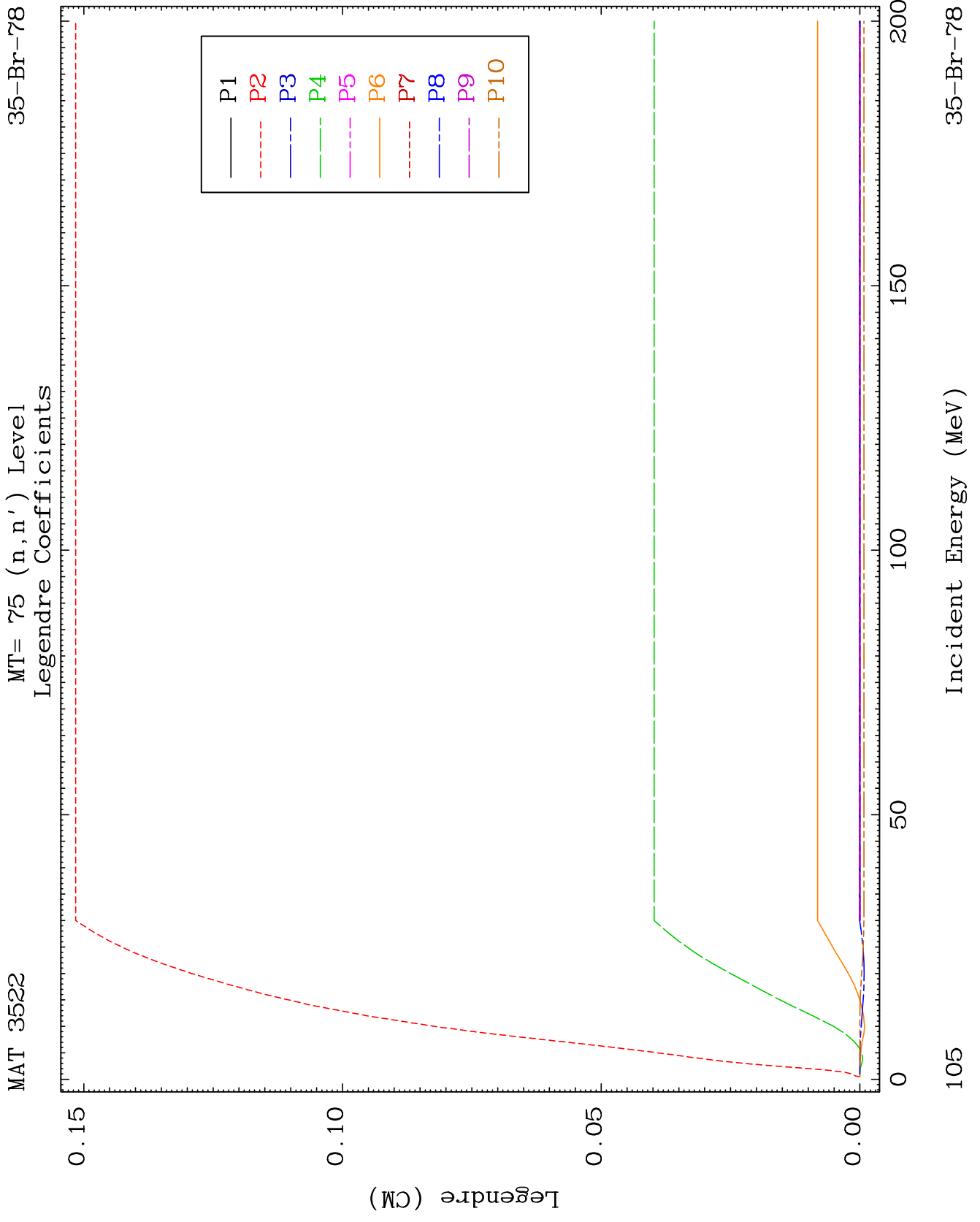


103

Incident Energy (MeV)

35-Br-78

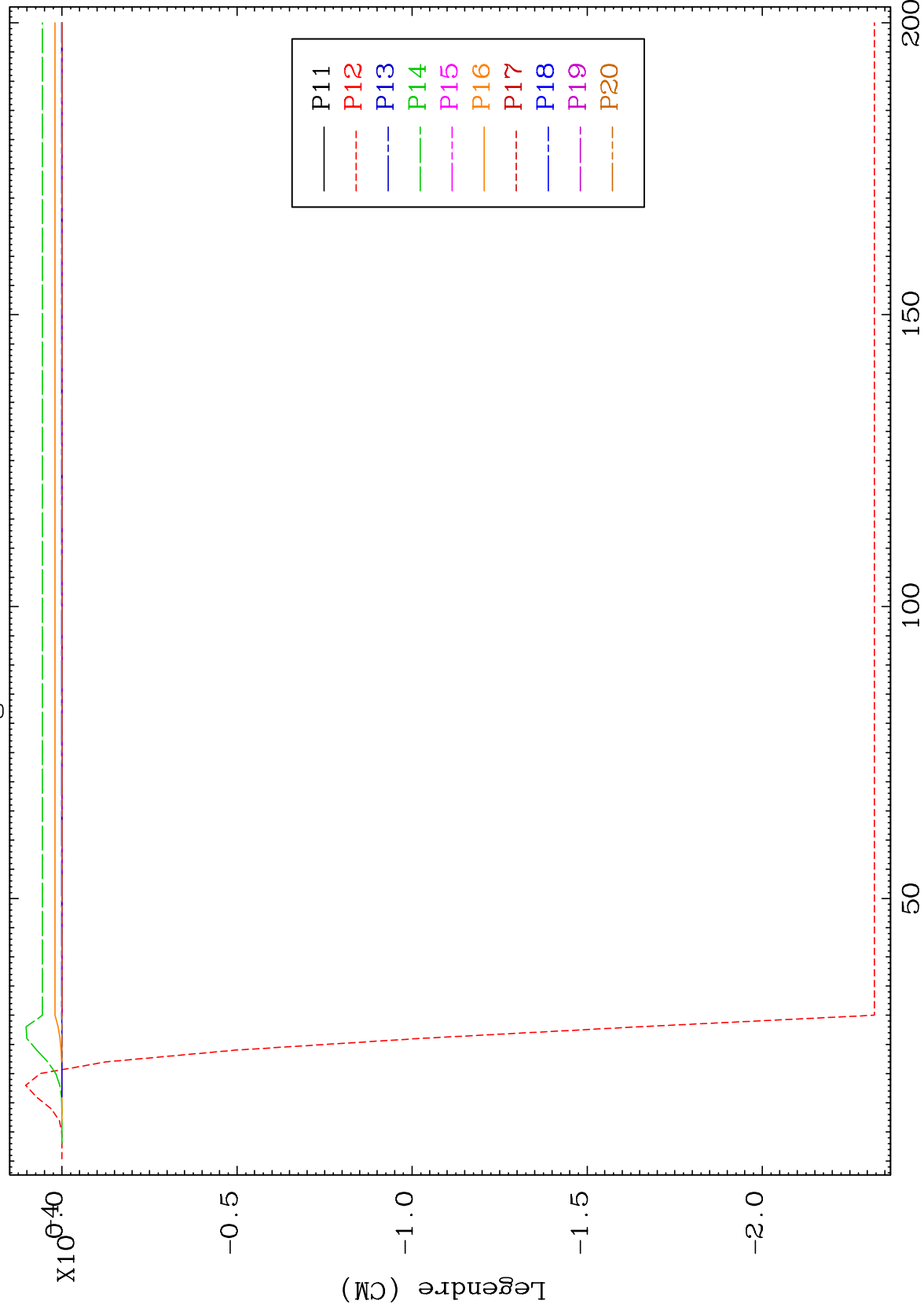




MAT 3522

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

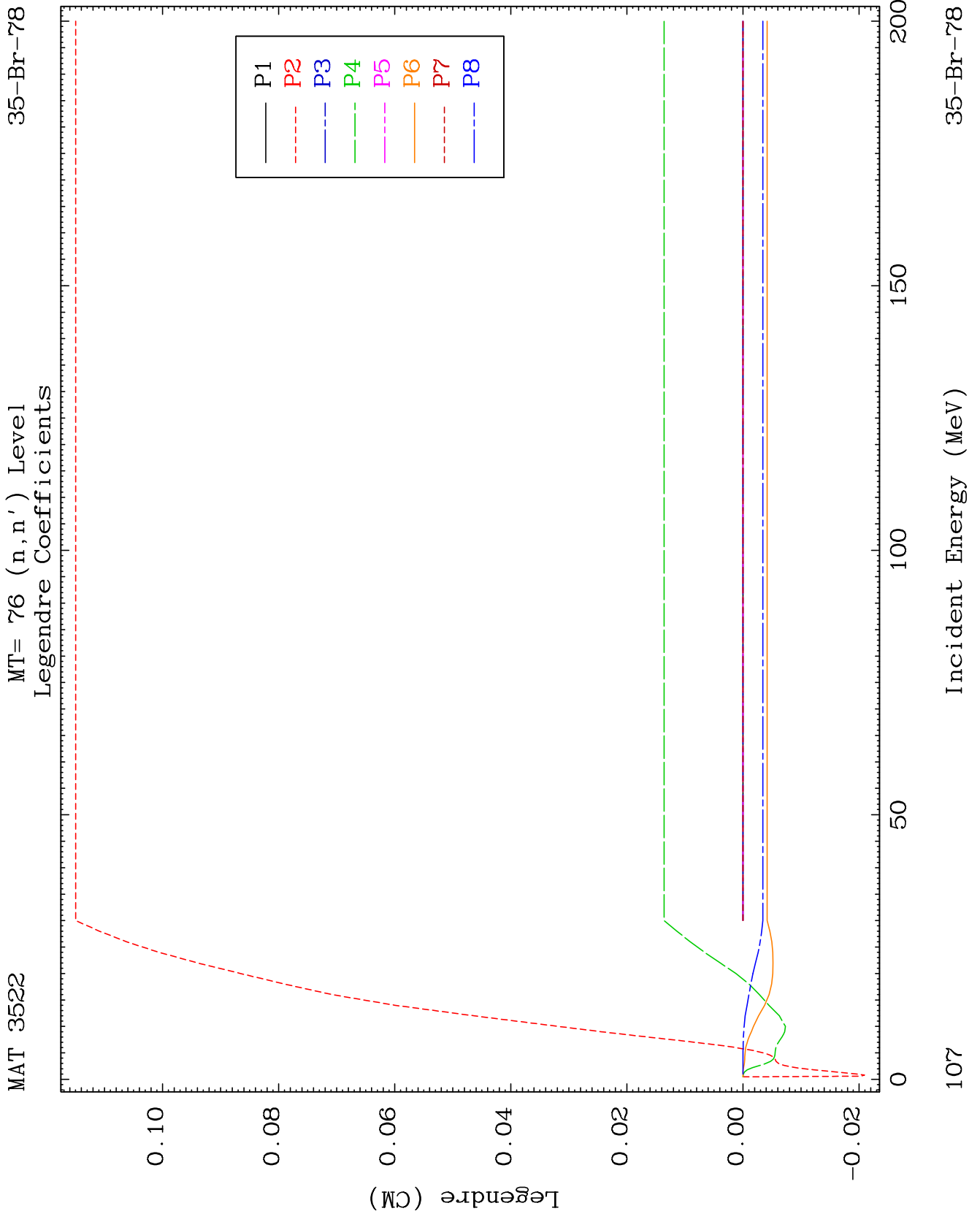
35-Br-78



106

Incident Energy (MeV)

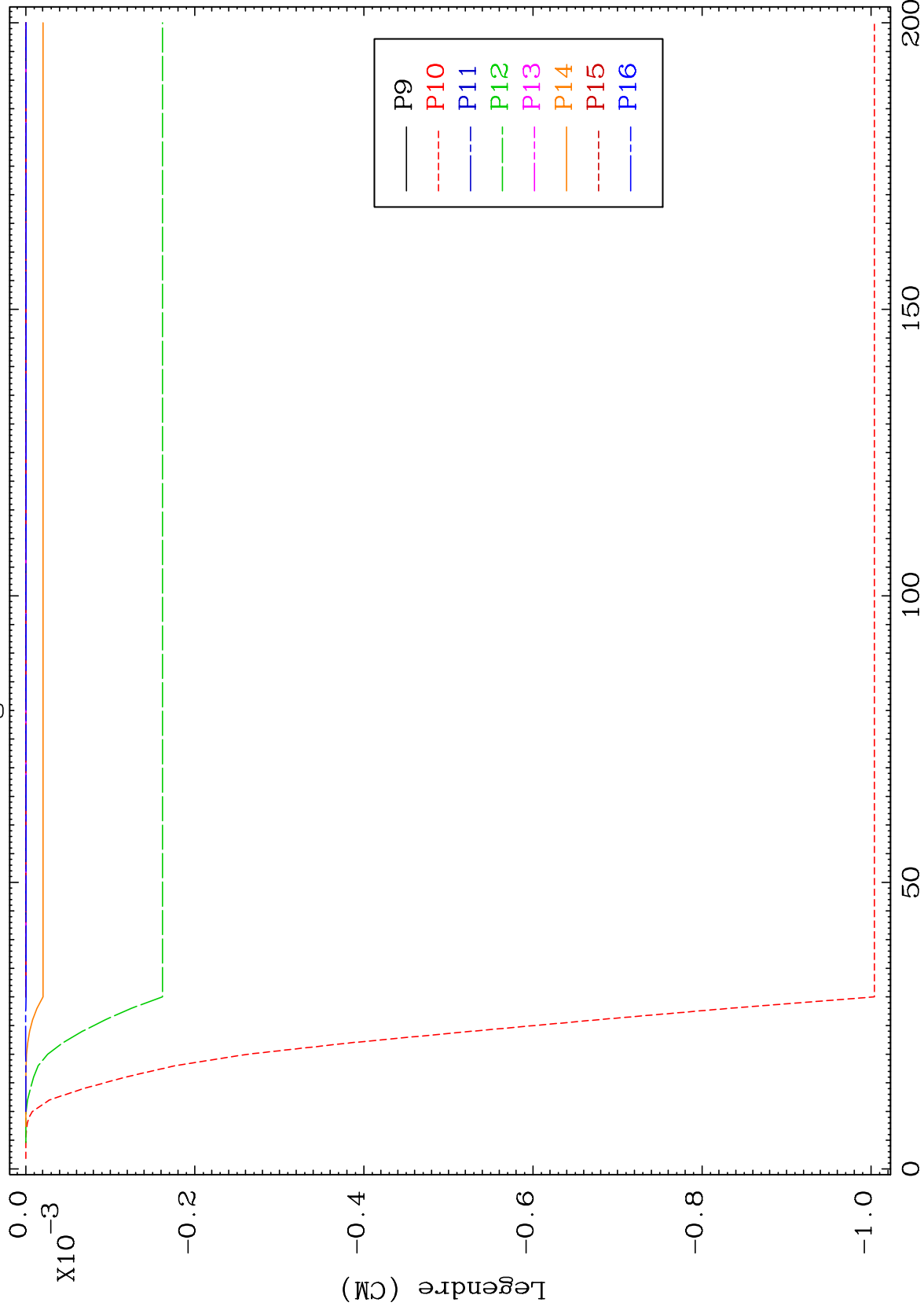
35-Br-78



MAT 3522

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

35-Br-78



108

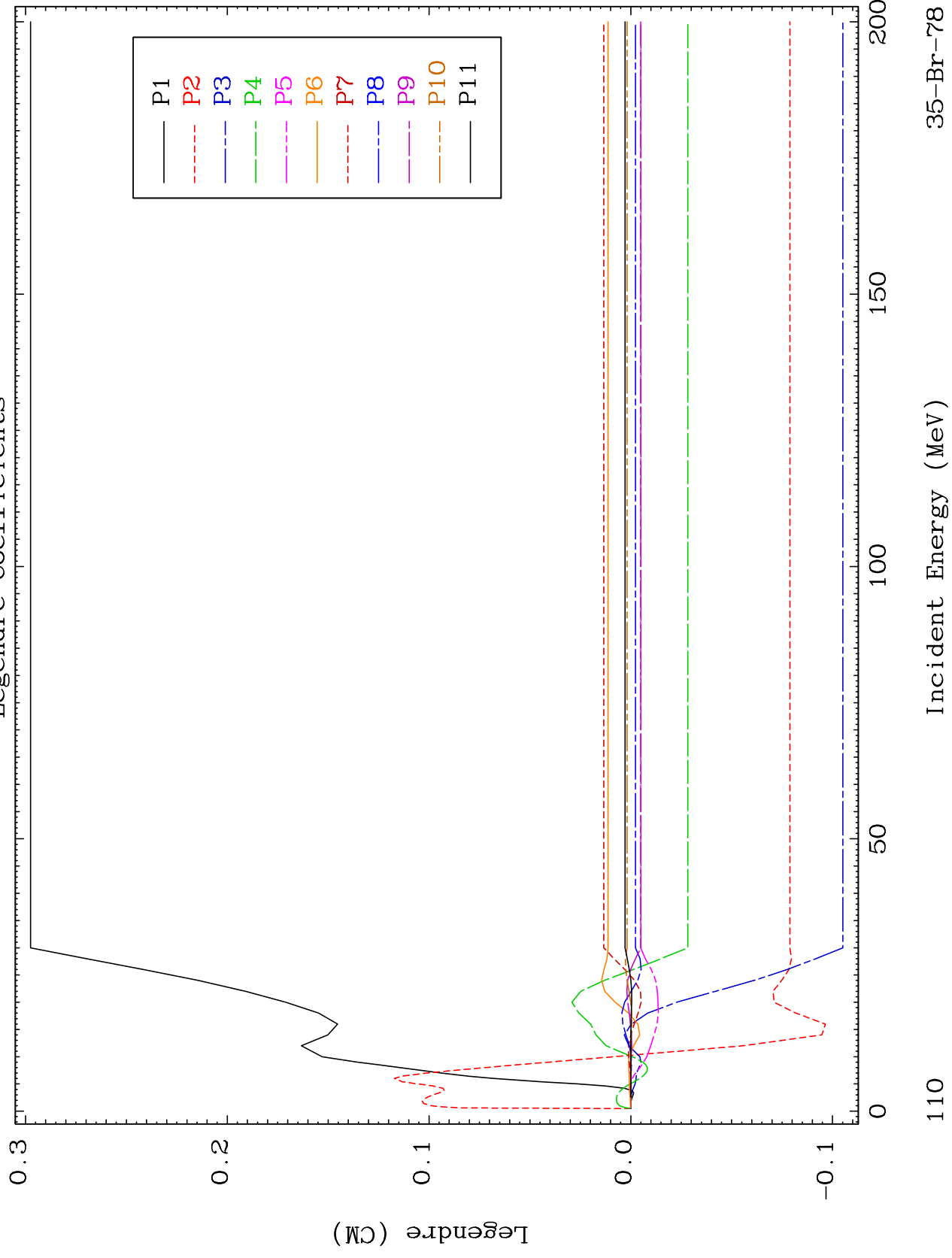
Incident Energy (MeV)

35-Br-78

MAT 3522

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

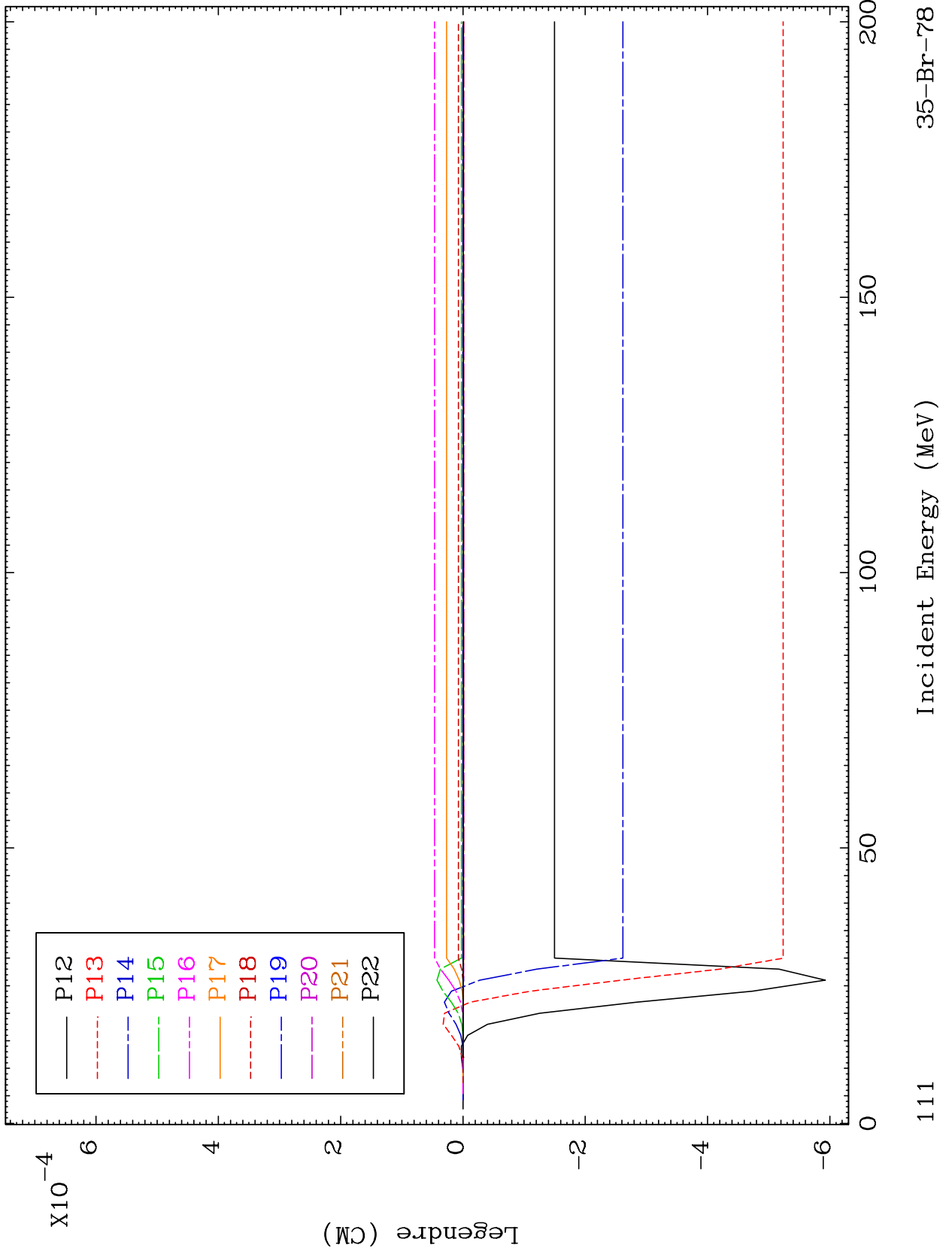
35-Br-78



MAT 3522

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

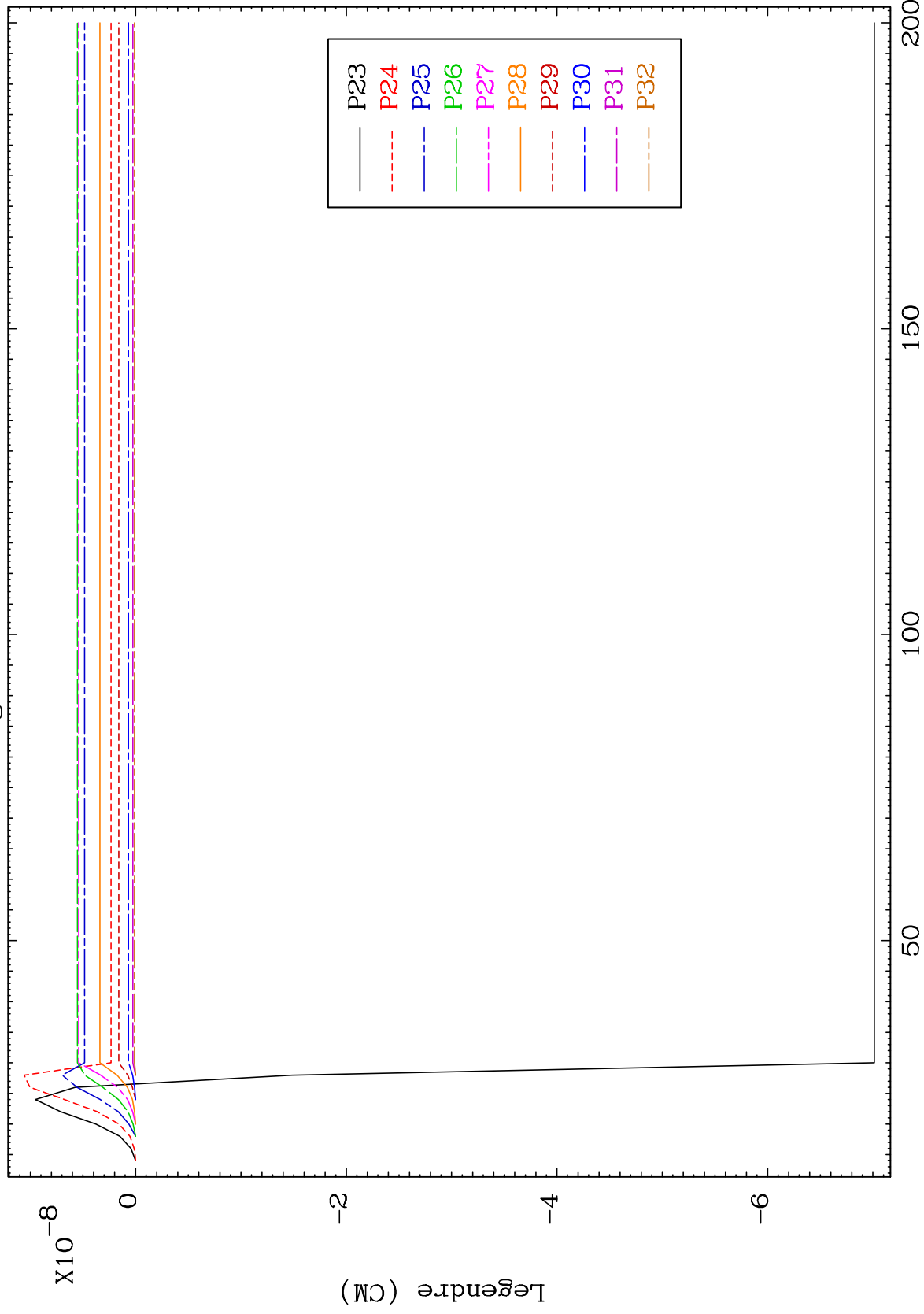
35-Br-78



MAT 3522

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

35-Br-78



112

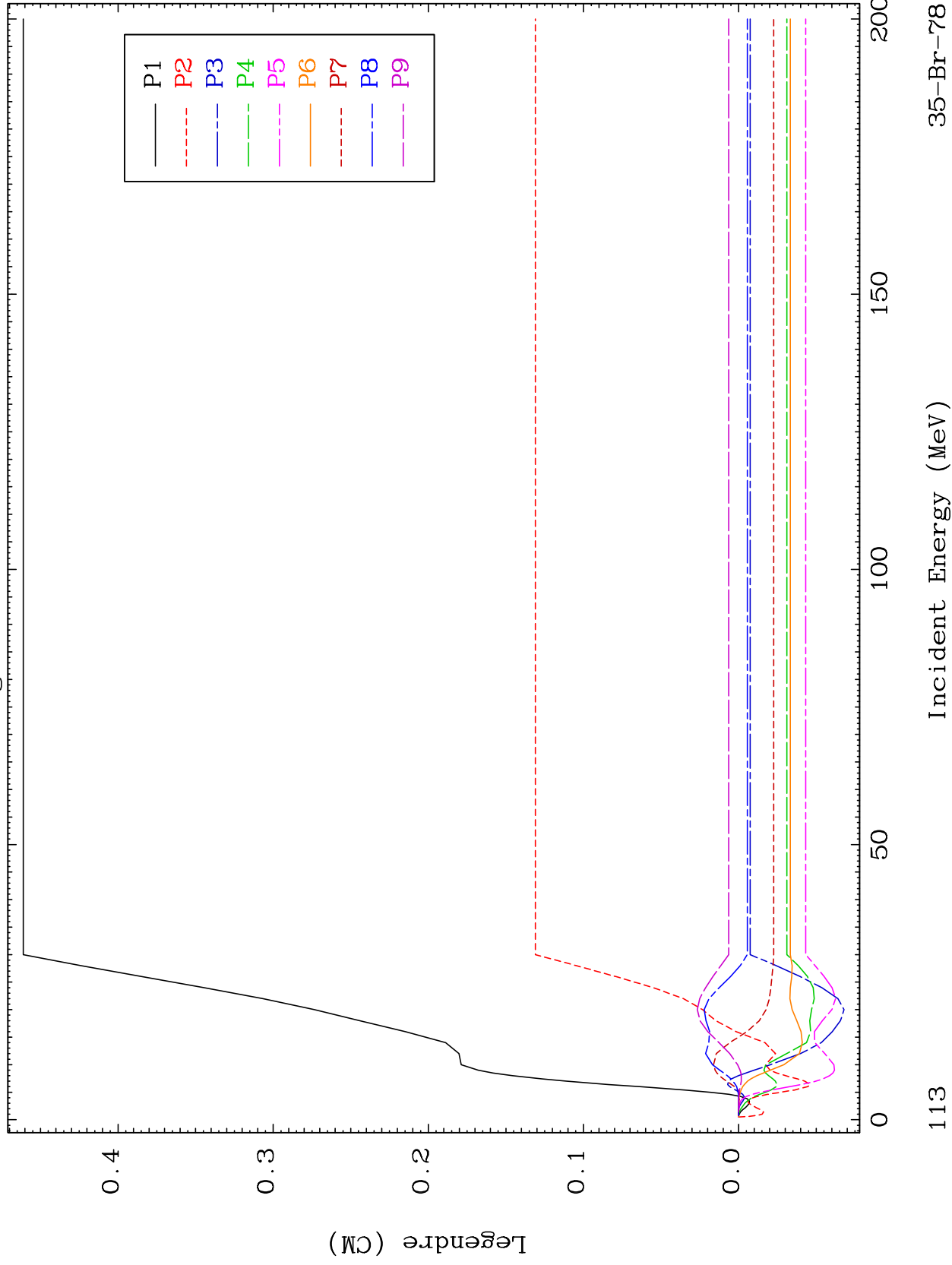
Incident Energy (MeV)

35-Br-78

MAT 3522

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

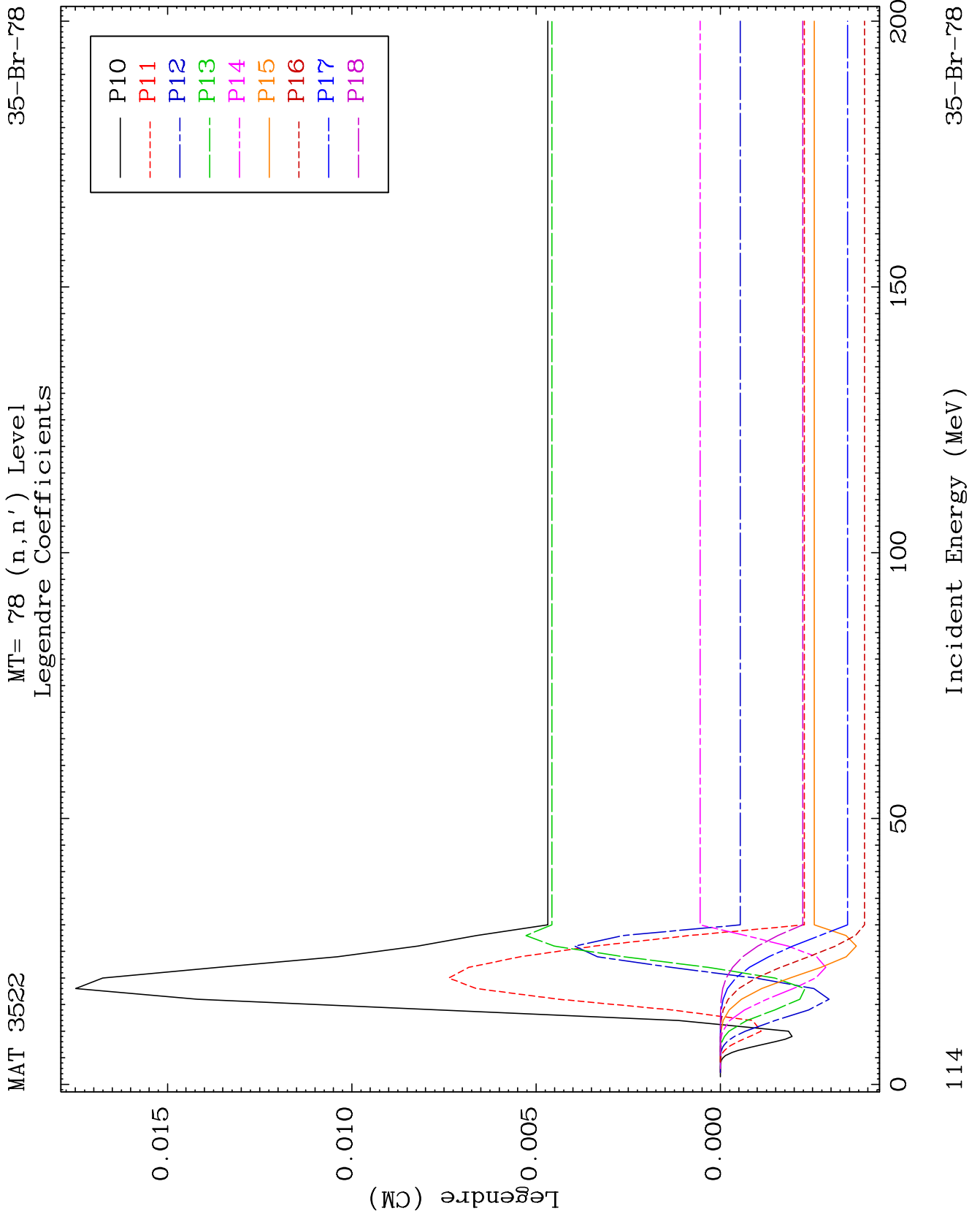
35-Br-78

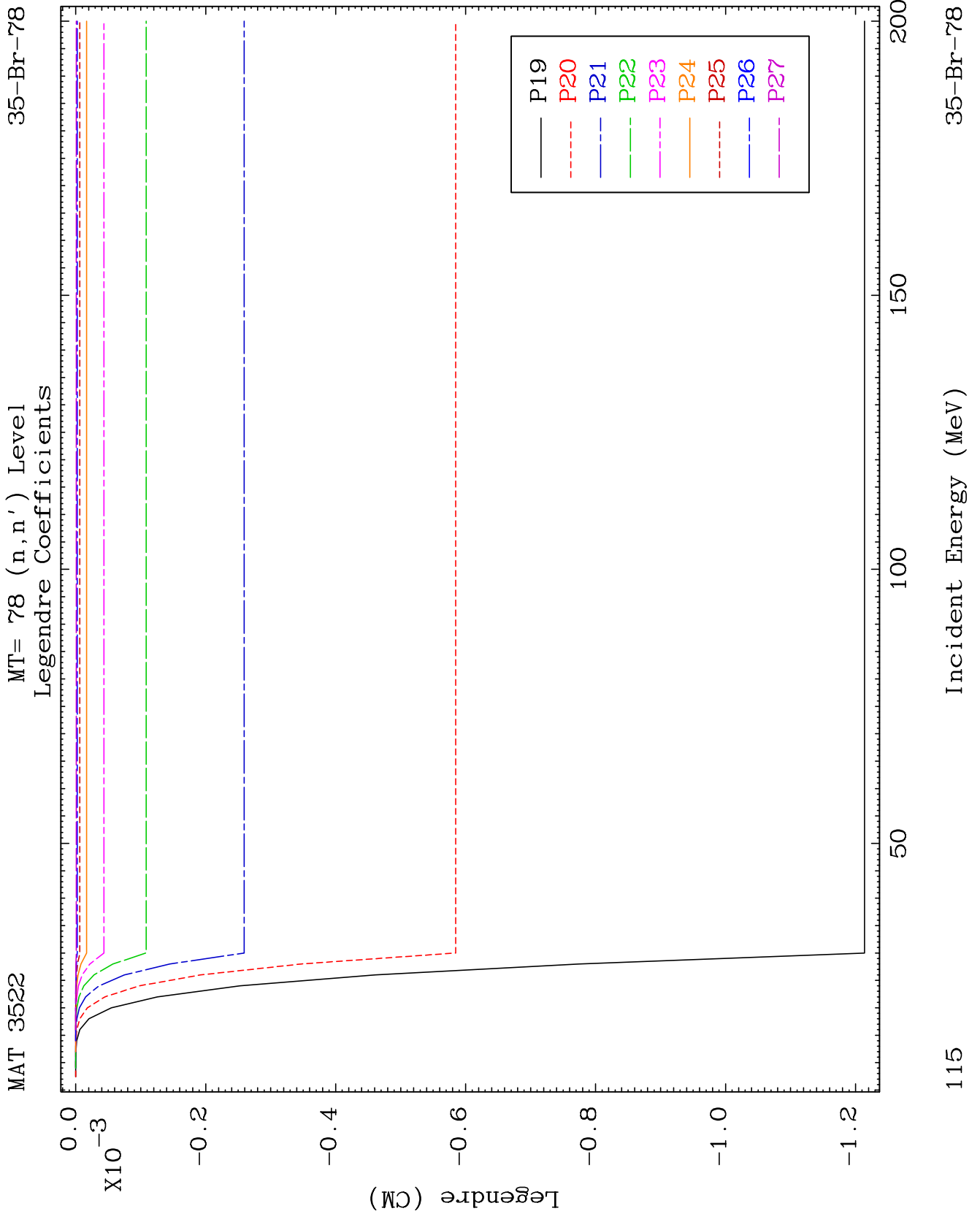


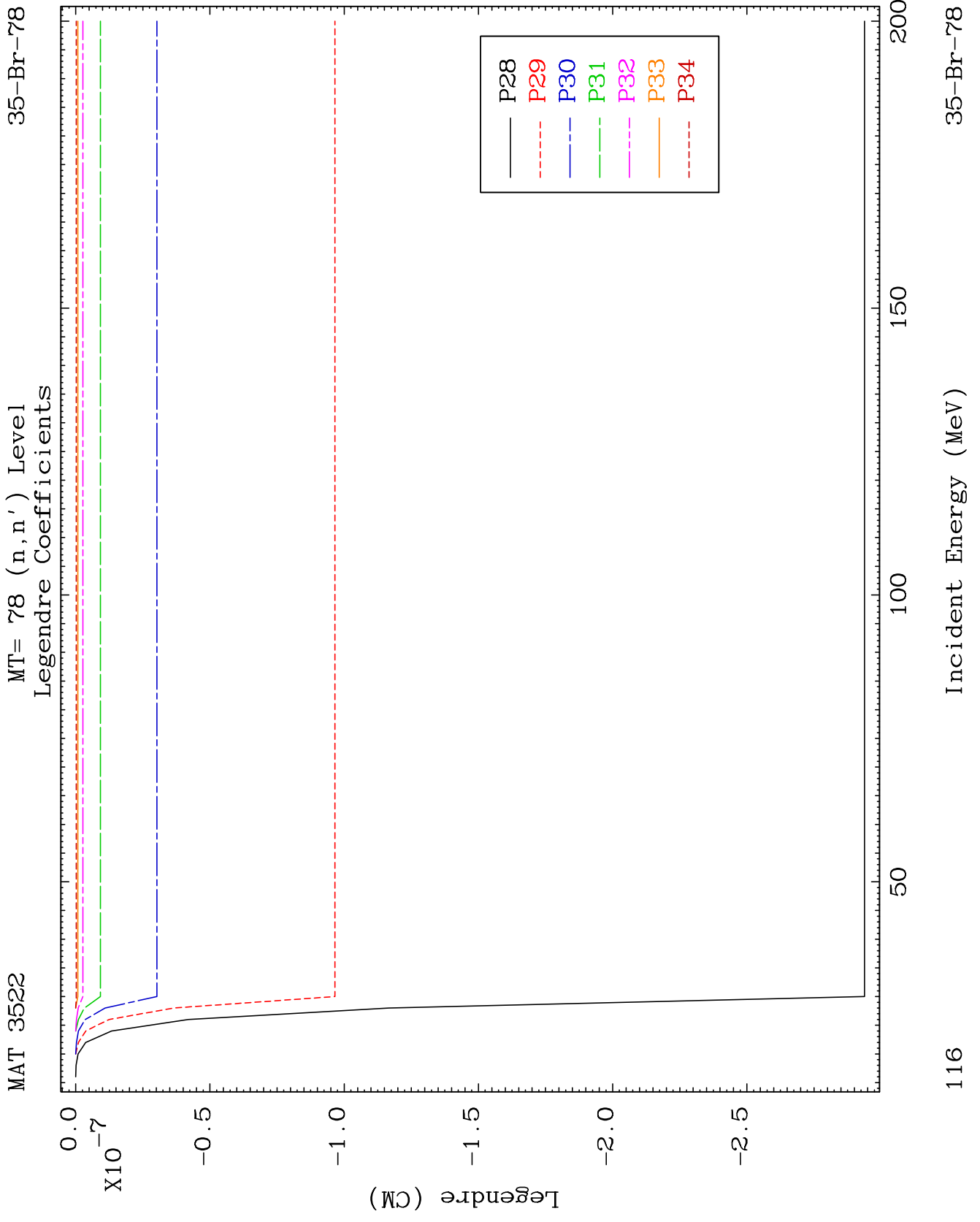
113

Incident Energy (MeV)

35-Br-78



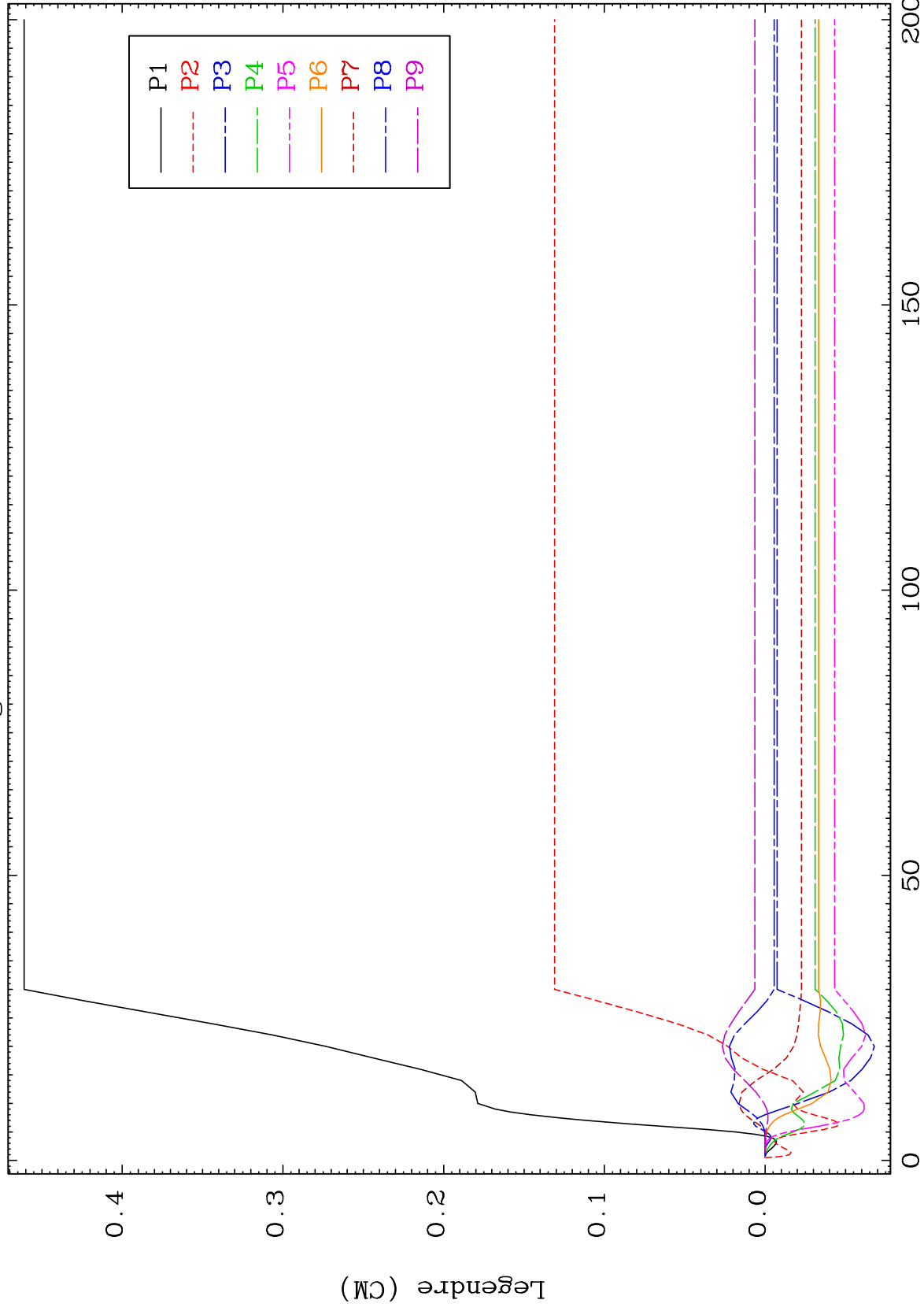




MAT 3522

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

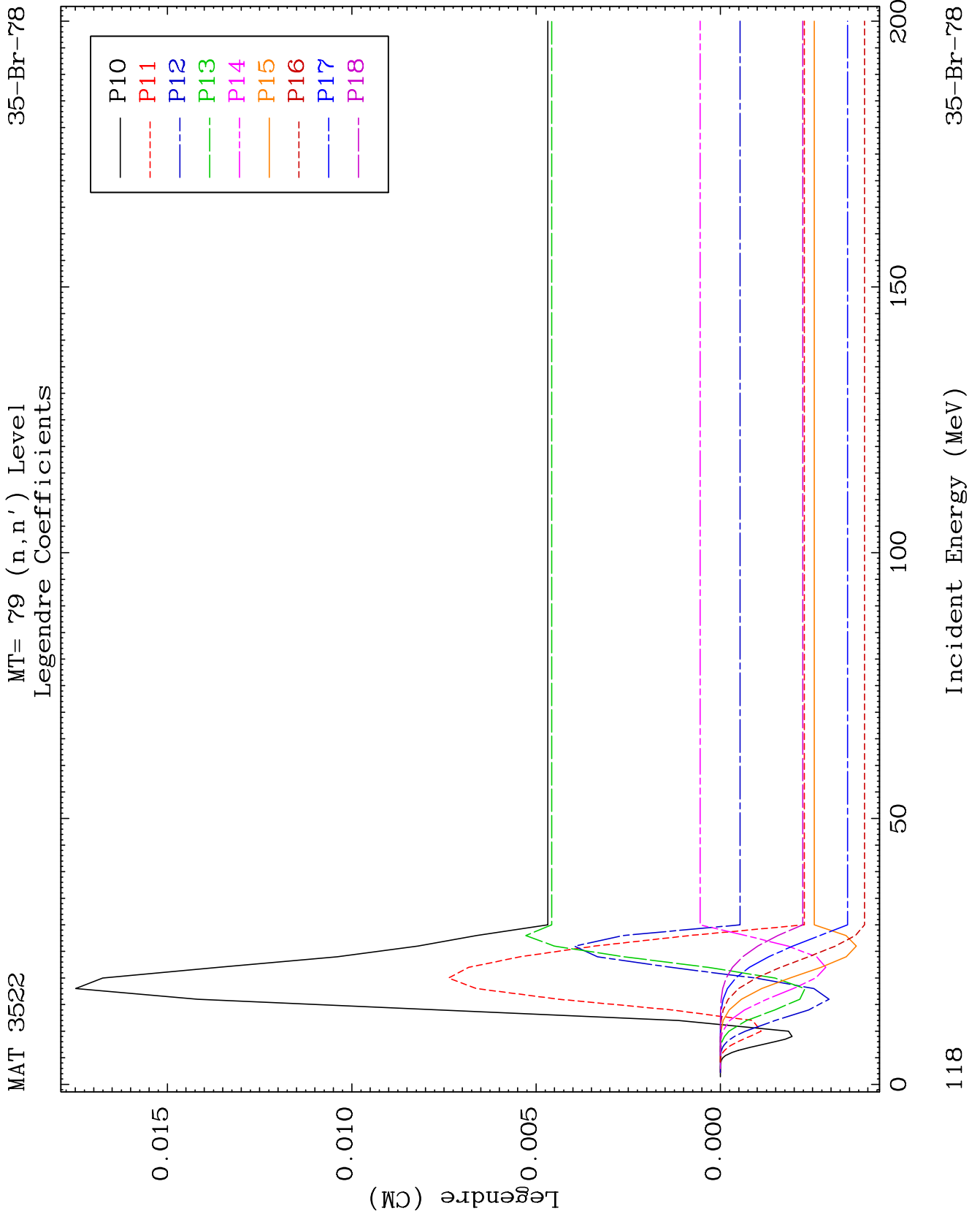
35-Br-78

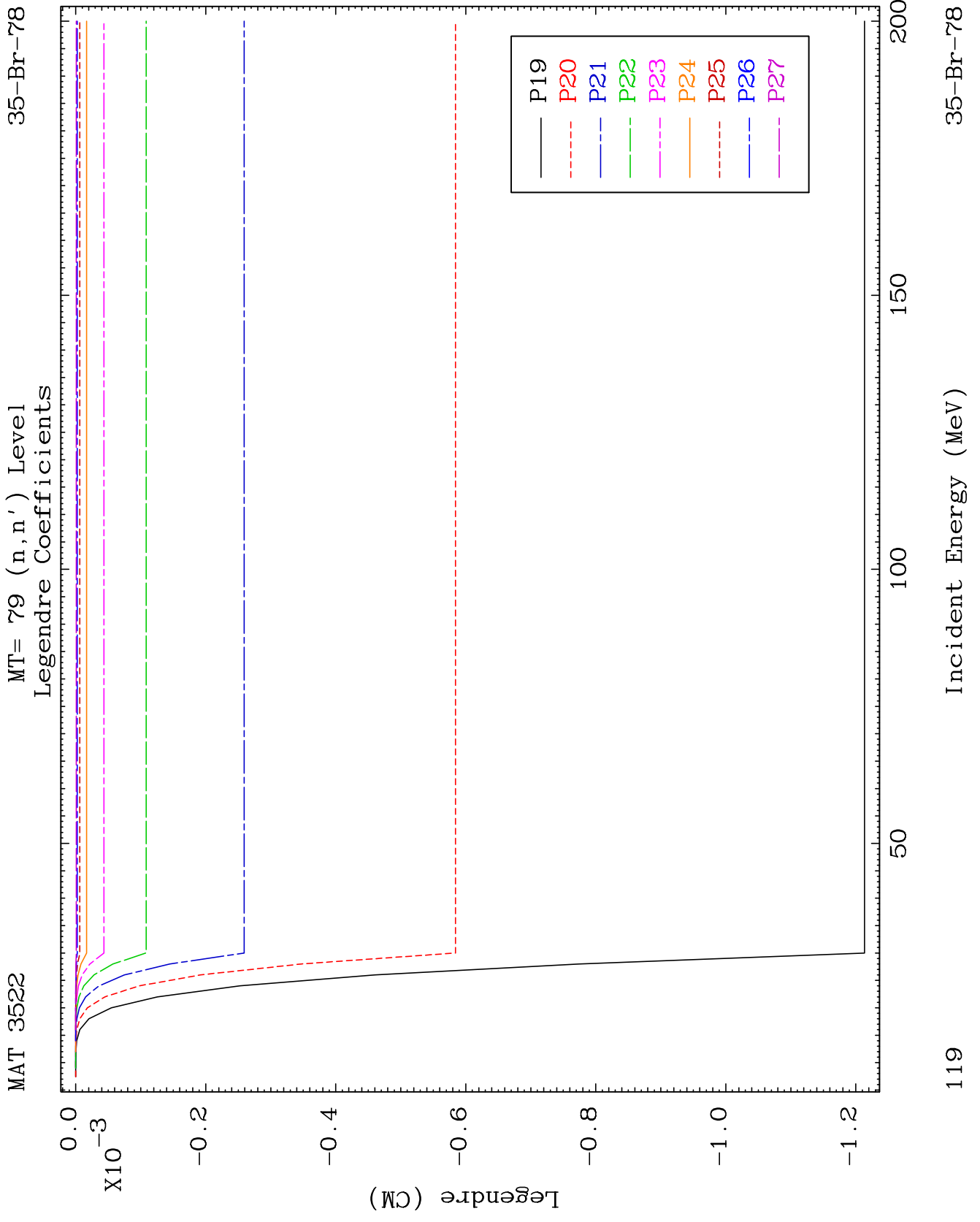


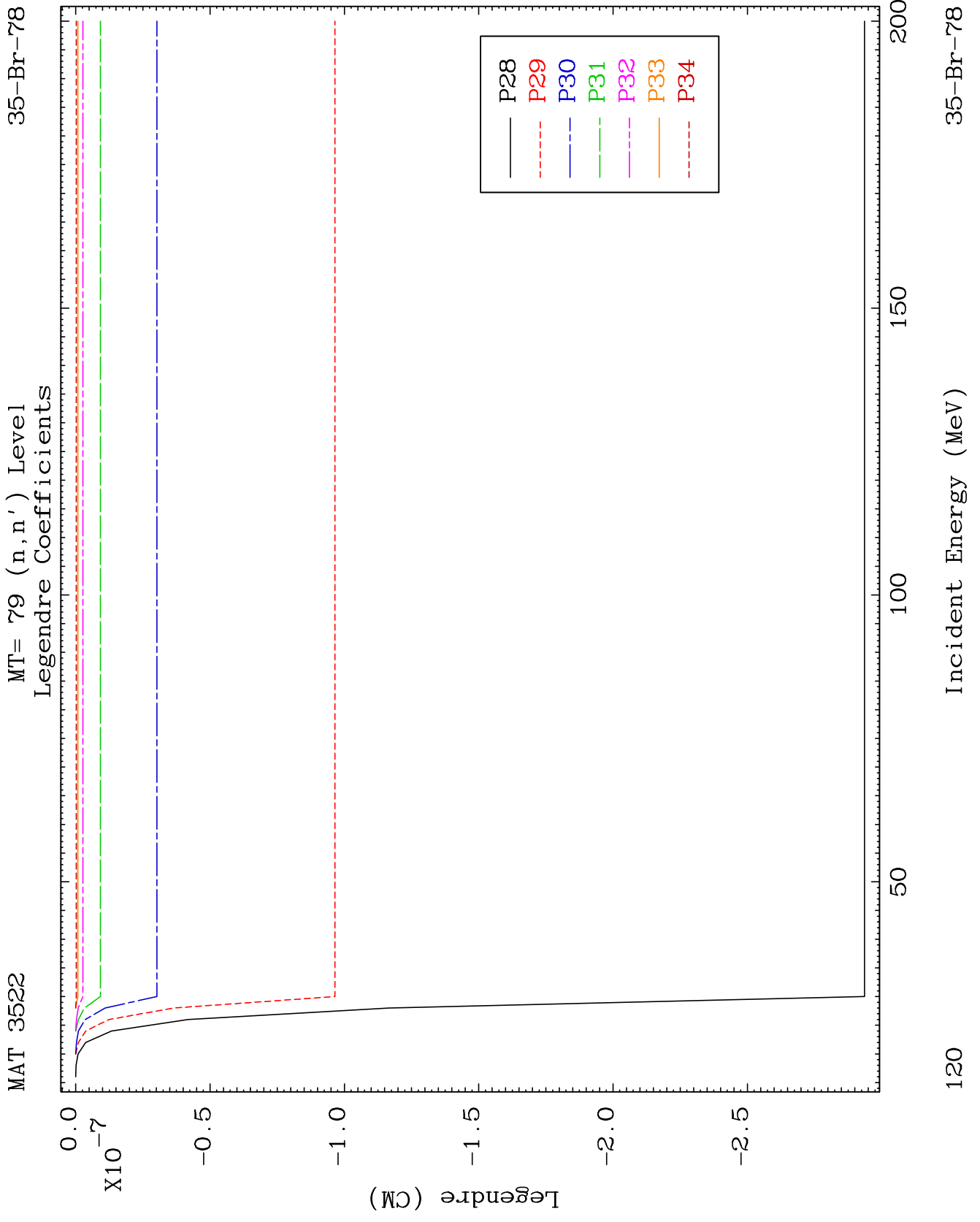
117

Incident Energy (MeV)

35-Br-78



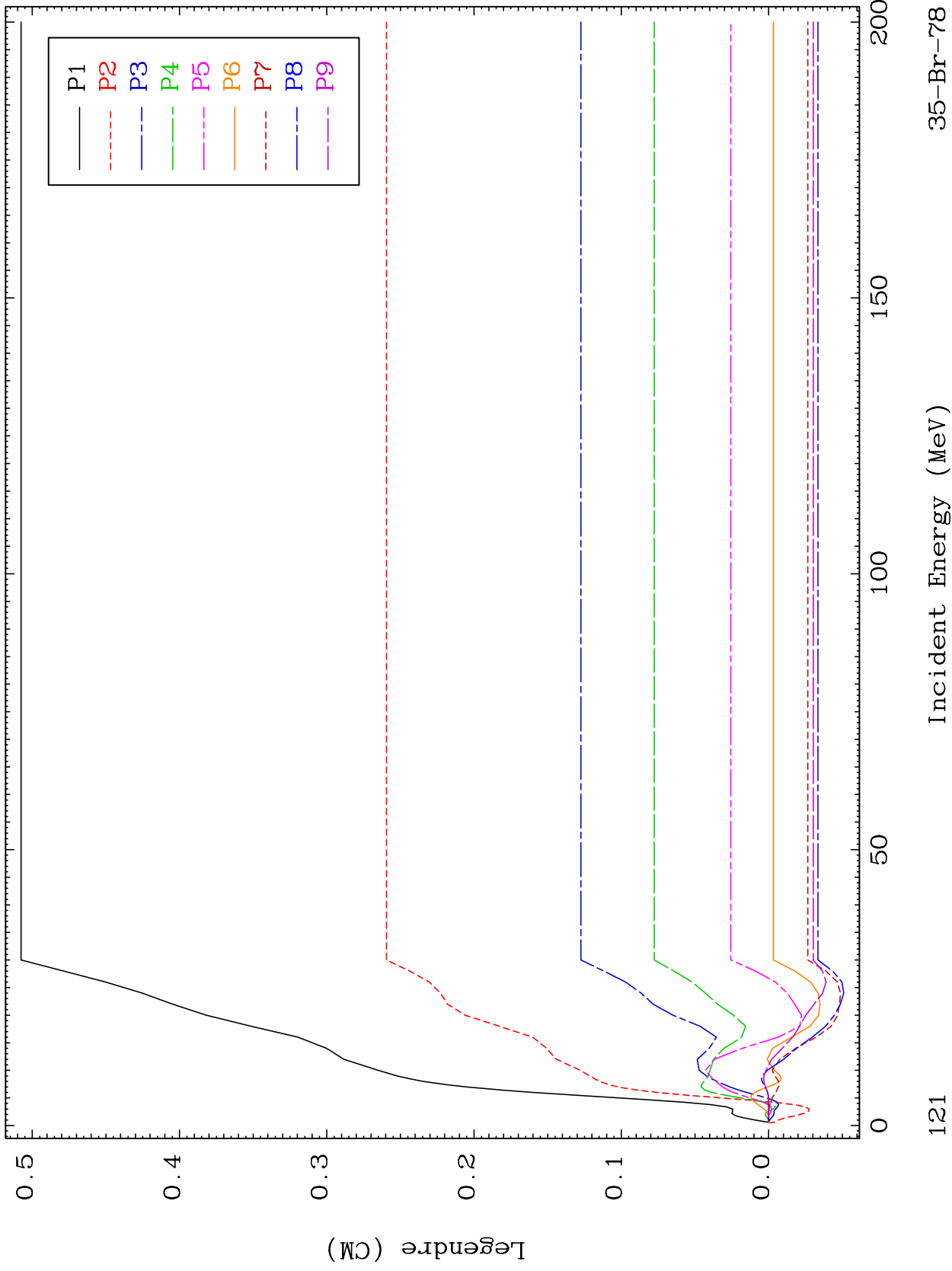




MAT 3522

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

35-Br-78



35-Br-78

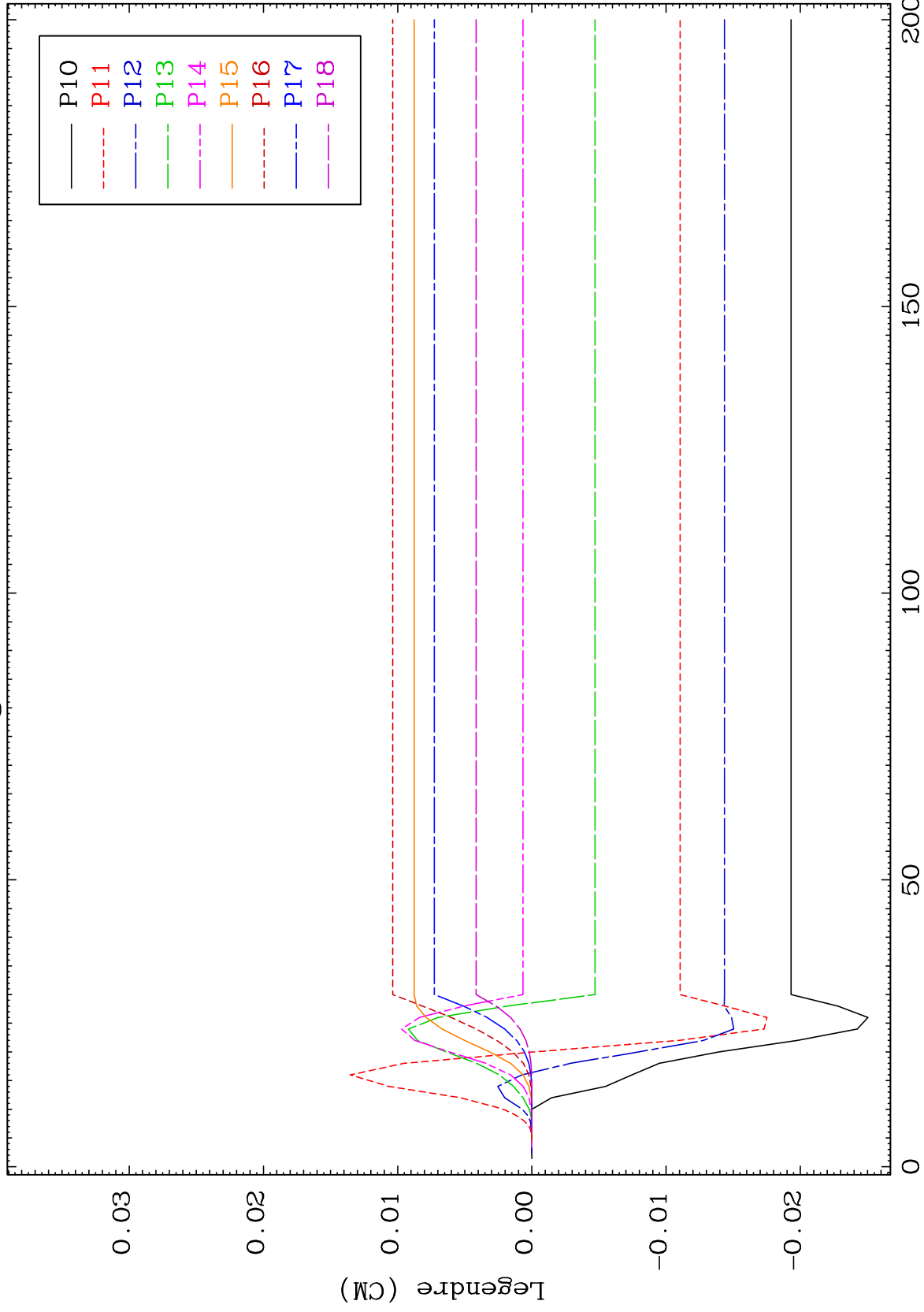
Incident Energy (MeV)

121

MAT 3522

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

35-Br-78



122

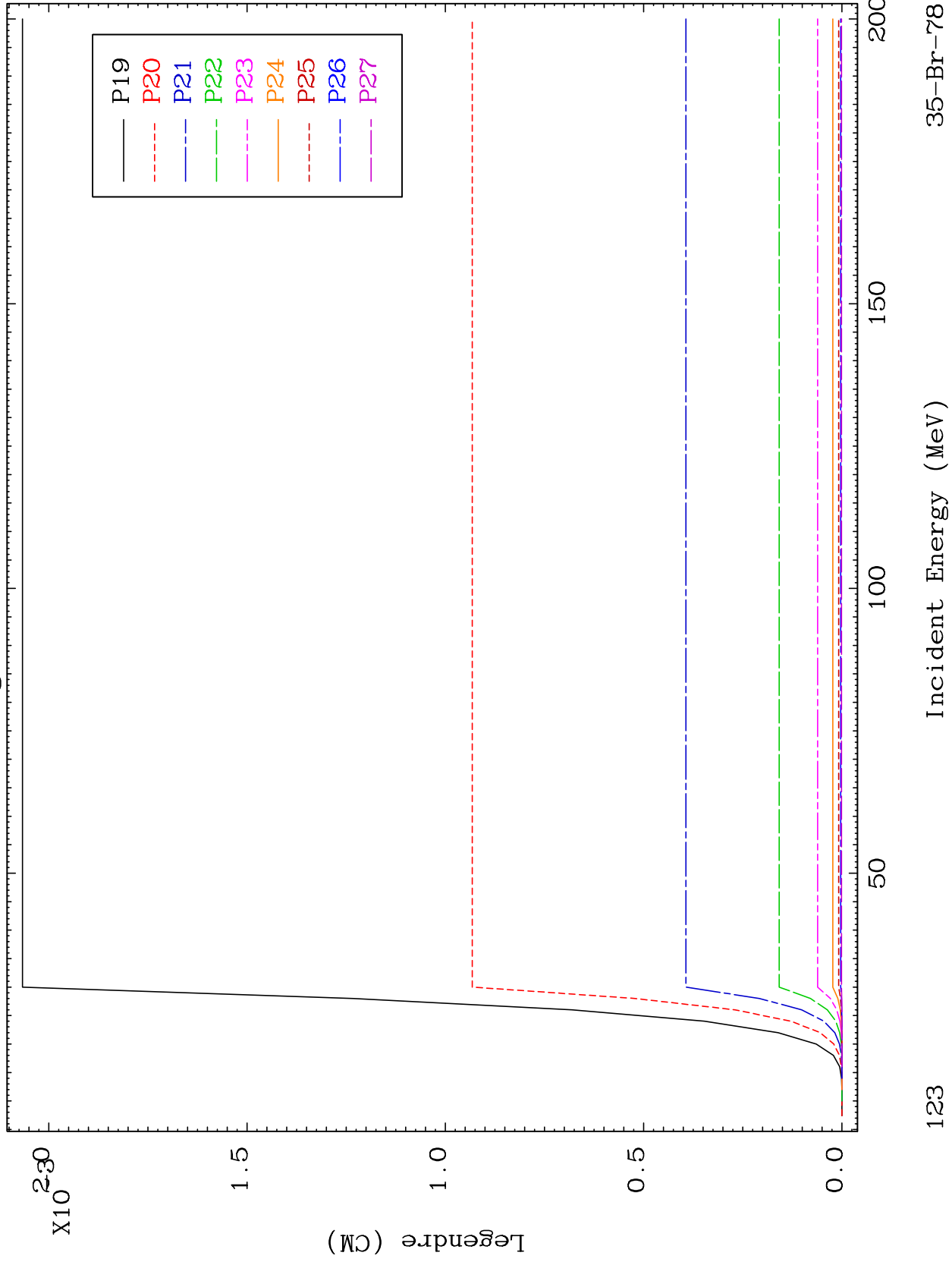
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



123

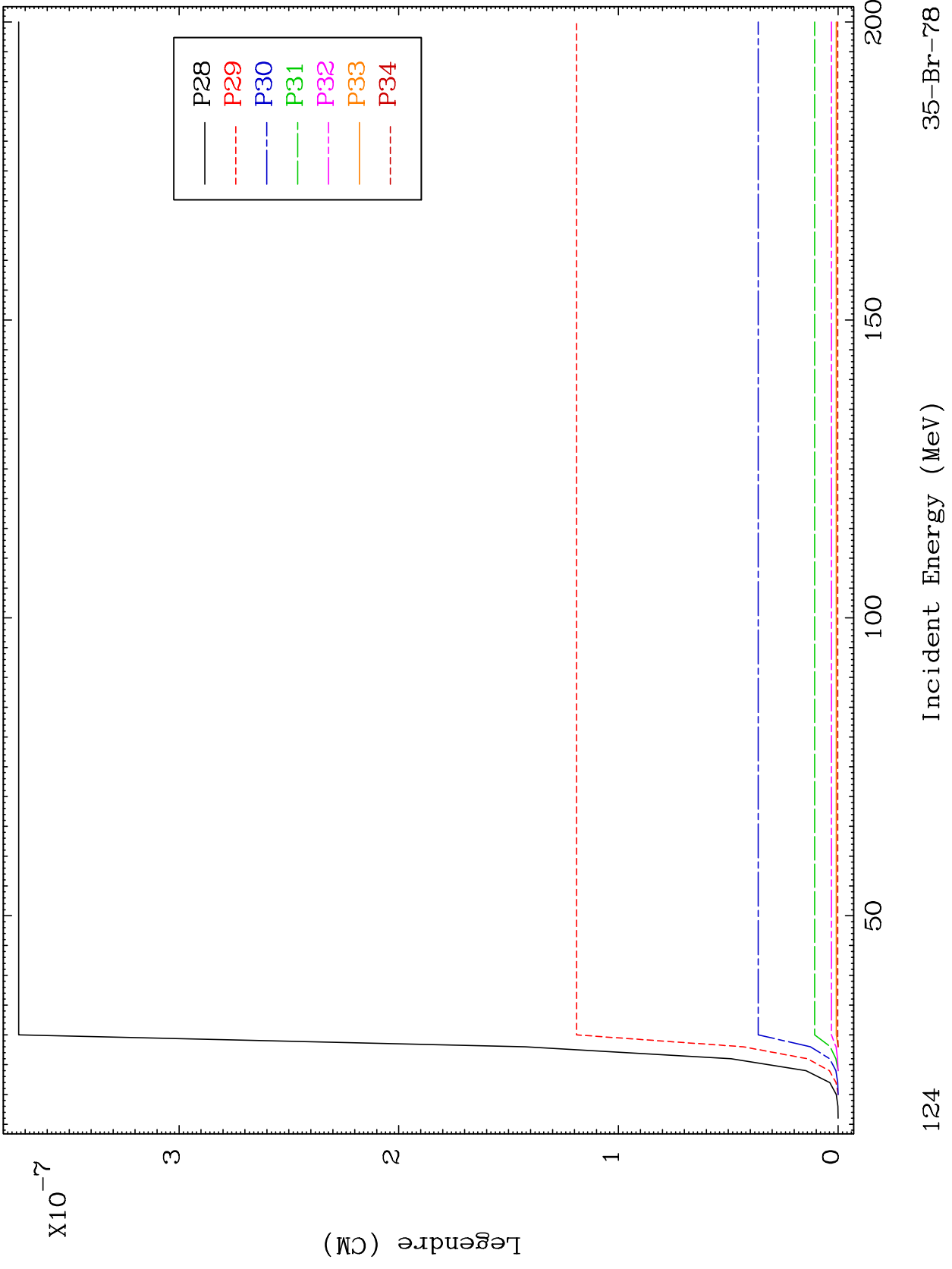
Incident Energy (MeV)

35-Br-78

MAT 3522

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

35-Br-78



124

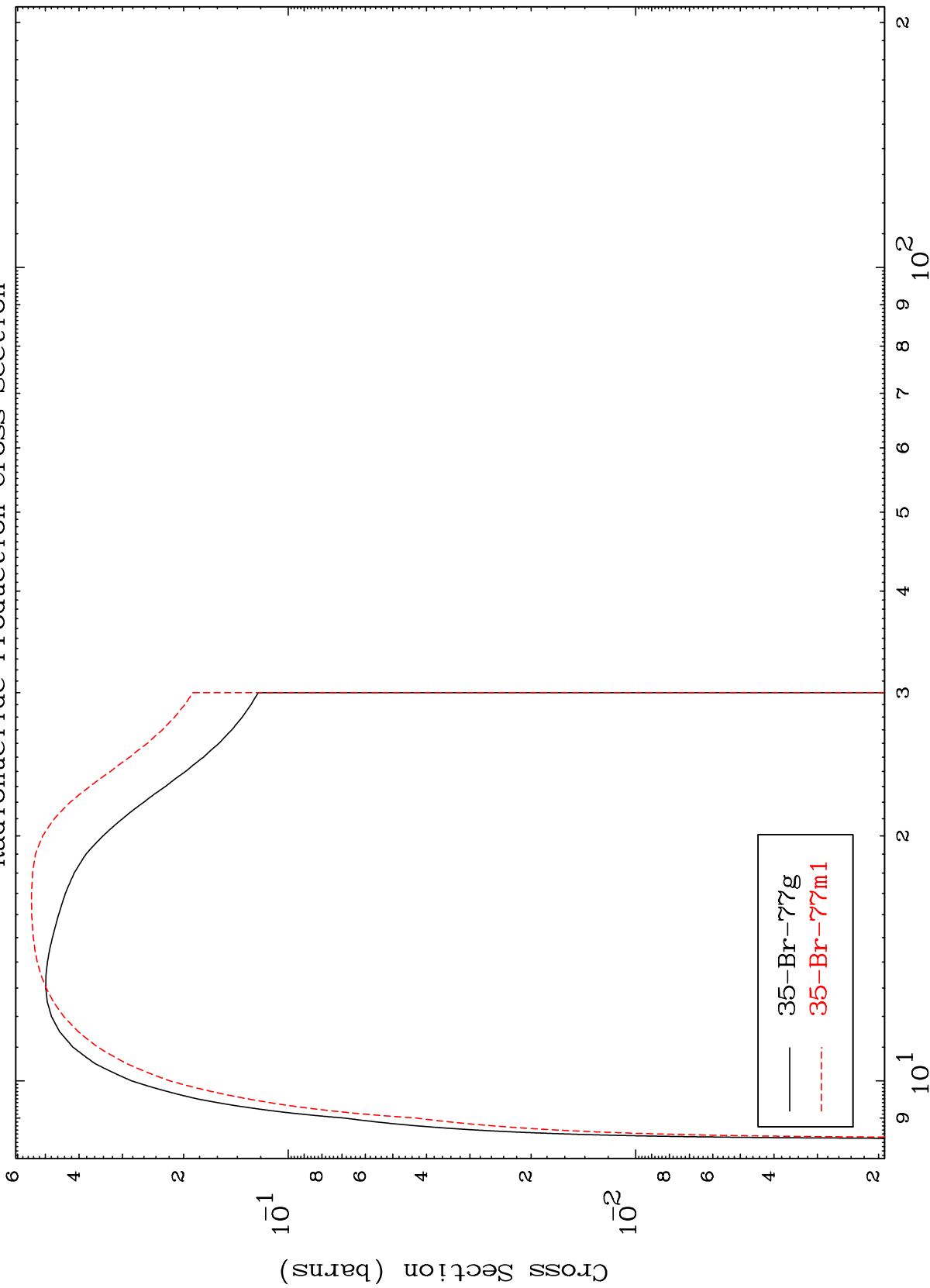
Incident Energy (MeV)

35-Br-78

MAT 3522

³⁵Br-78

(n,2n)
Radionuclide Production Cross Section



— 35-Br-77g
- - - 35-Br-77m1

125

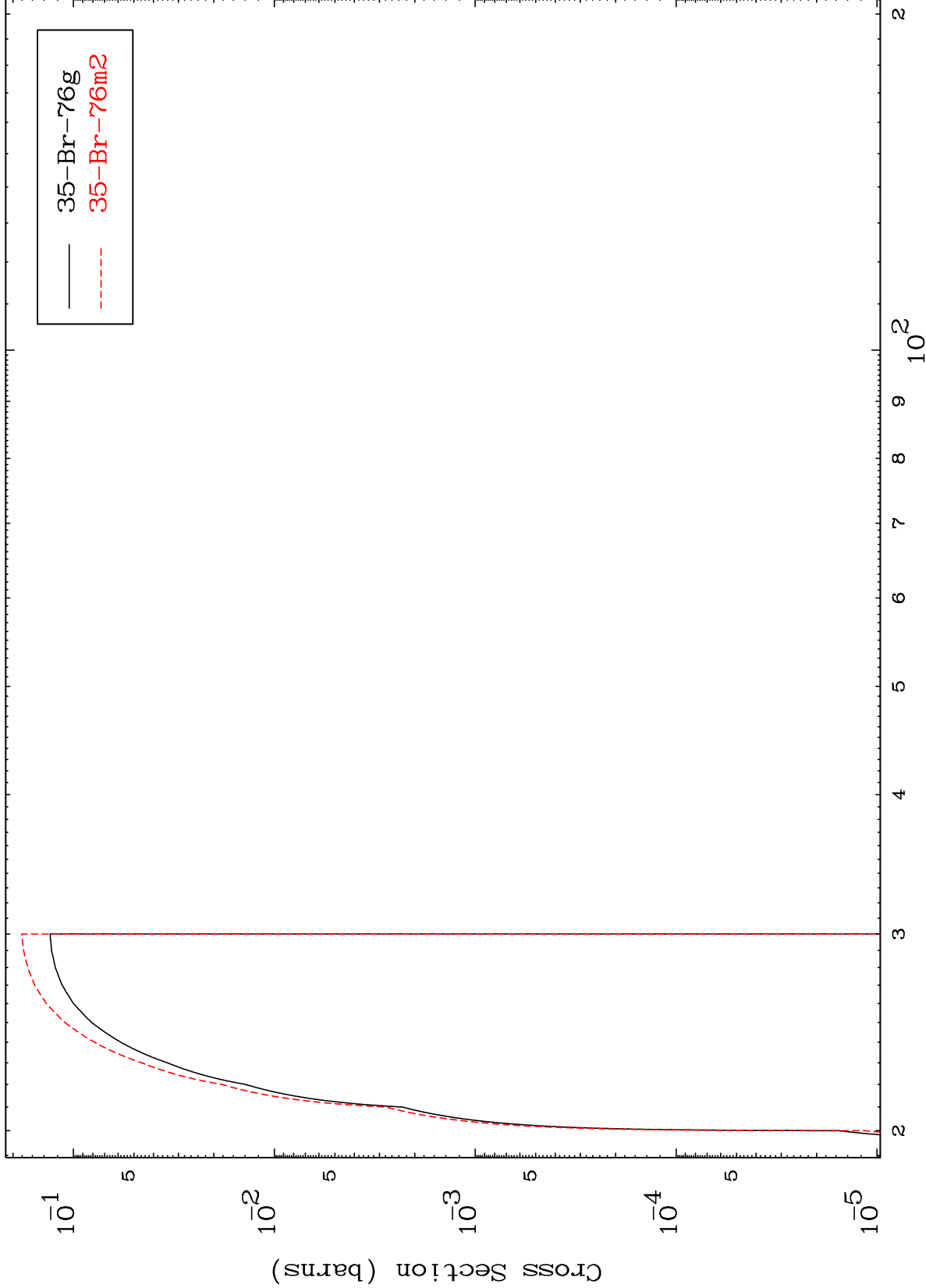
Incident Energy (MeV)

³⁵Br-78

MAT 3522

³⁵Br-78

(n,3n)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

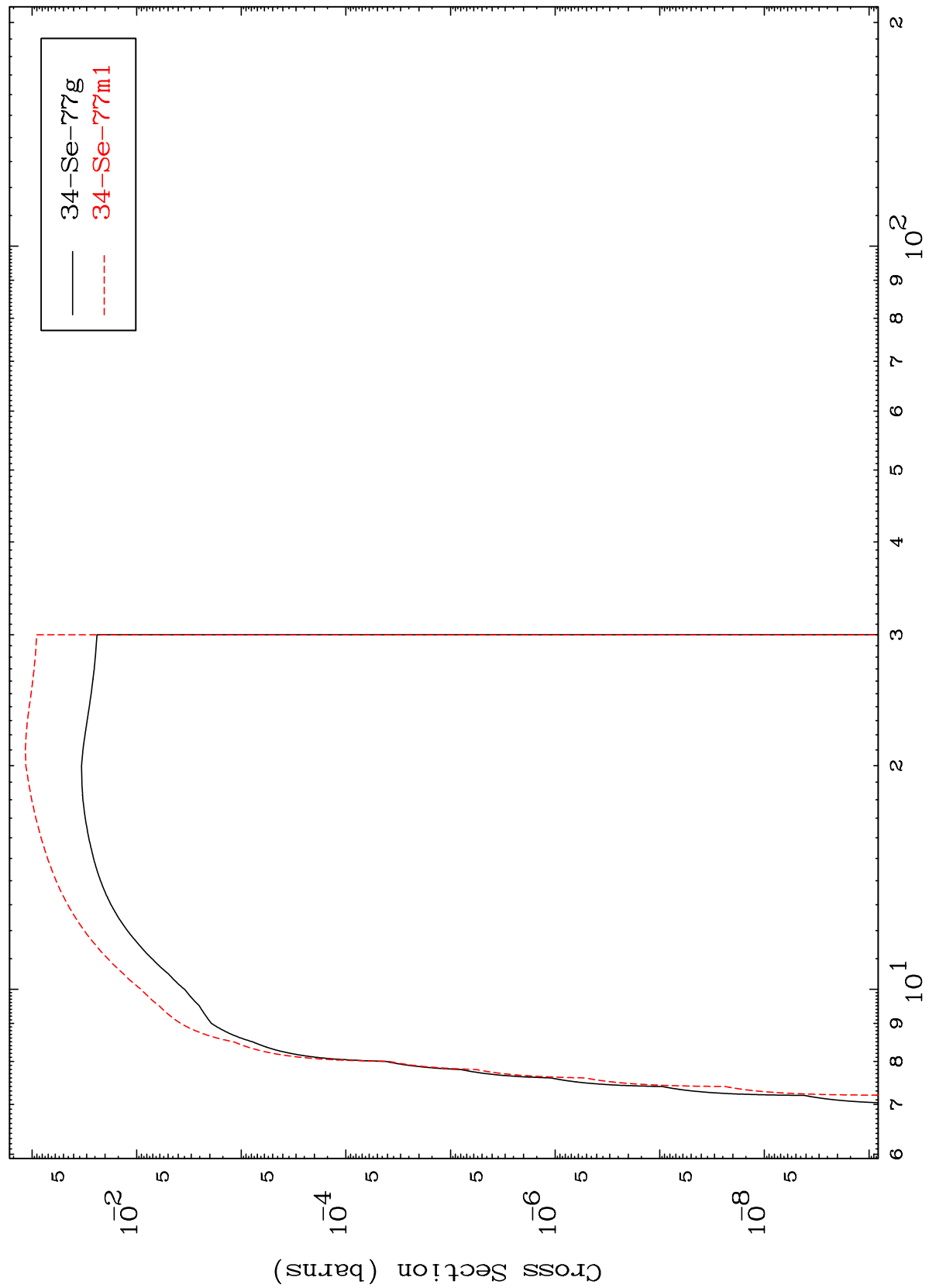
³⁵Br-78

MAT 3522

(n,n') p

35-Br-78

Radionuclide Production Cross Section



127

Incident Energy (MeV)

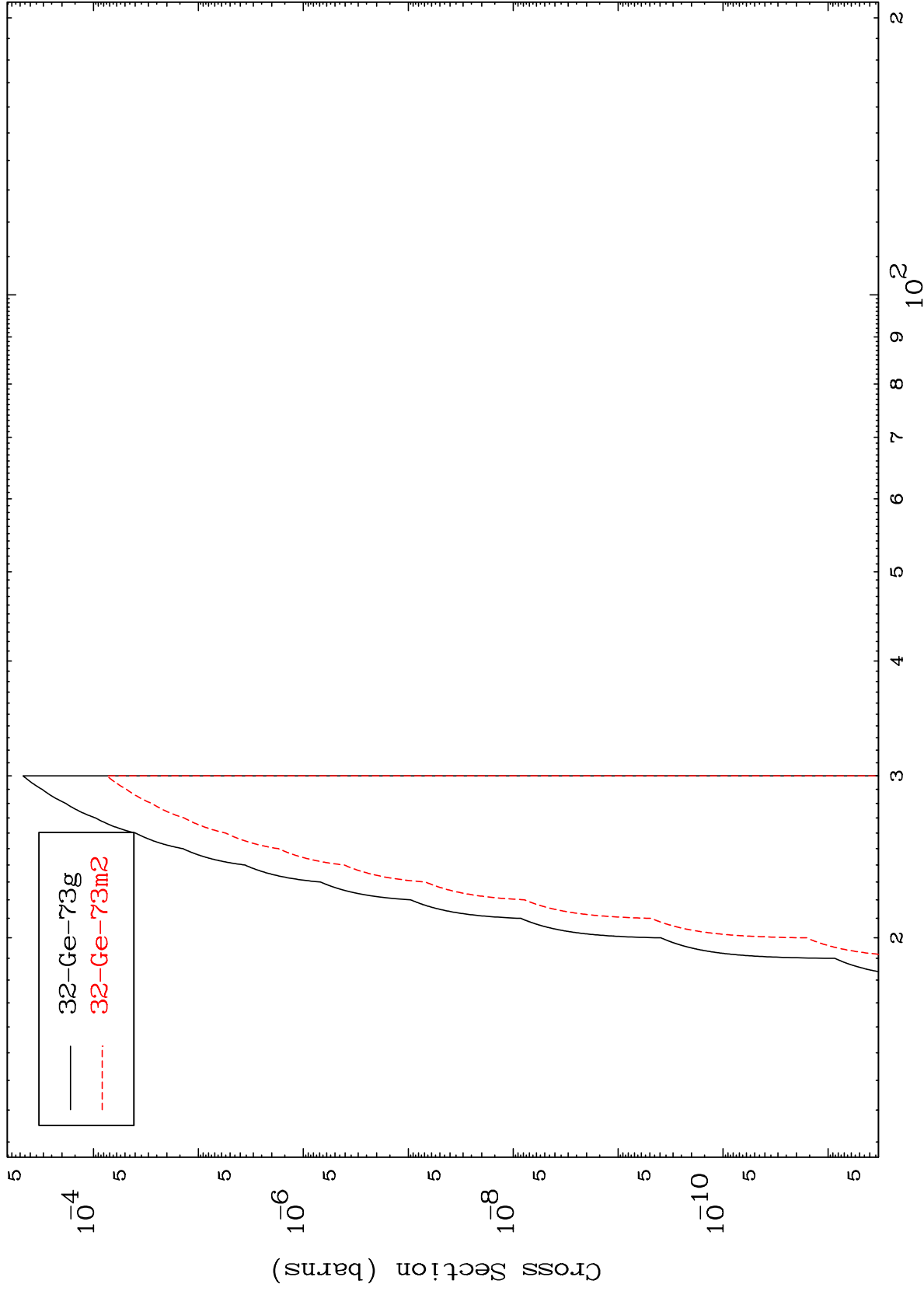
35-Br-78

MAT 3522

(n,n') p α

35-Br-78

Radionuclide Production Cross Section



128

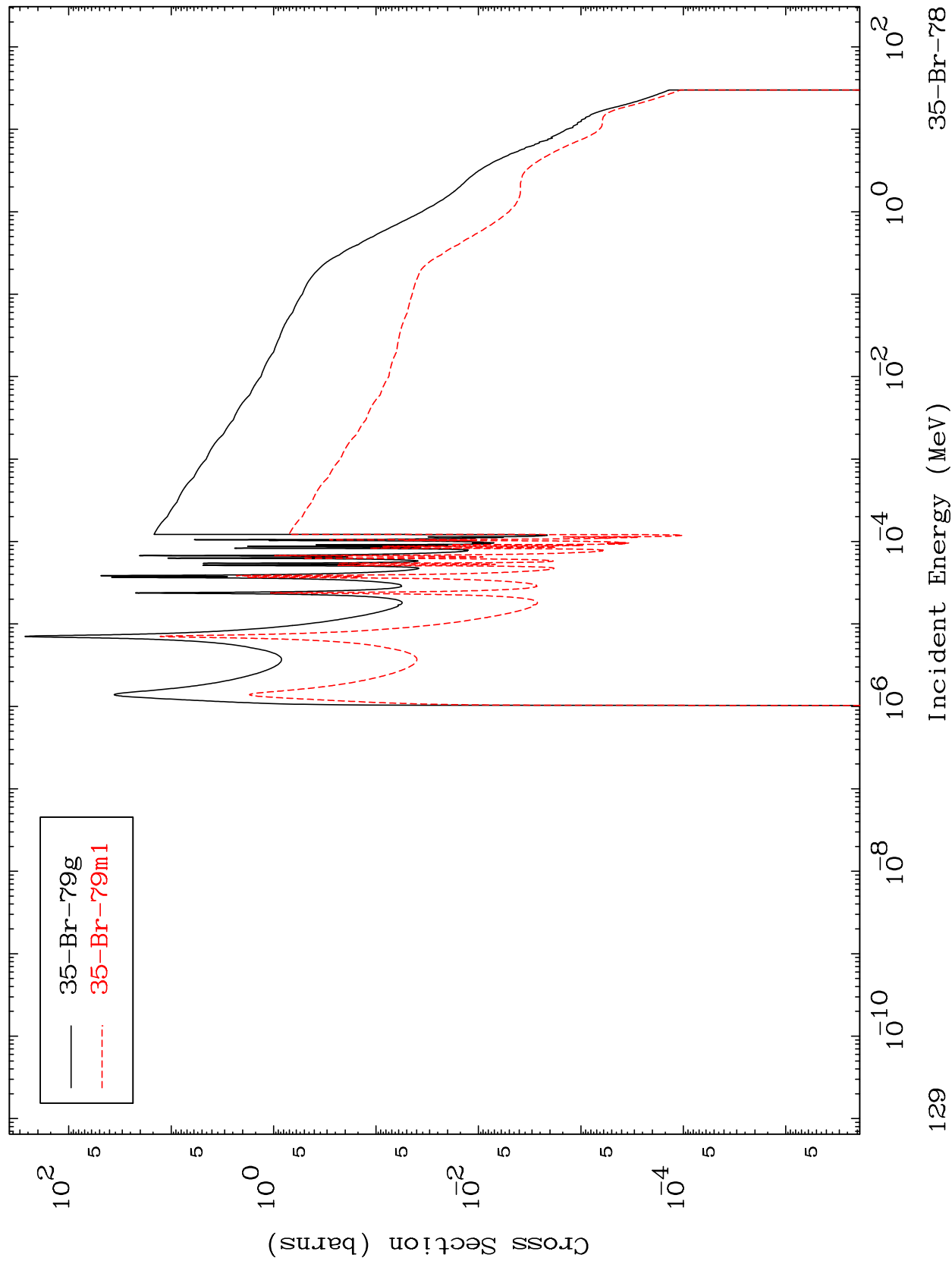
Incident Energy (MeV)

35-Br-78

MAT 3522

35-Br-78

(n, γ)
Radionuclide Production Cross Section



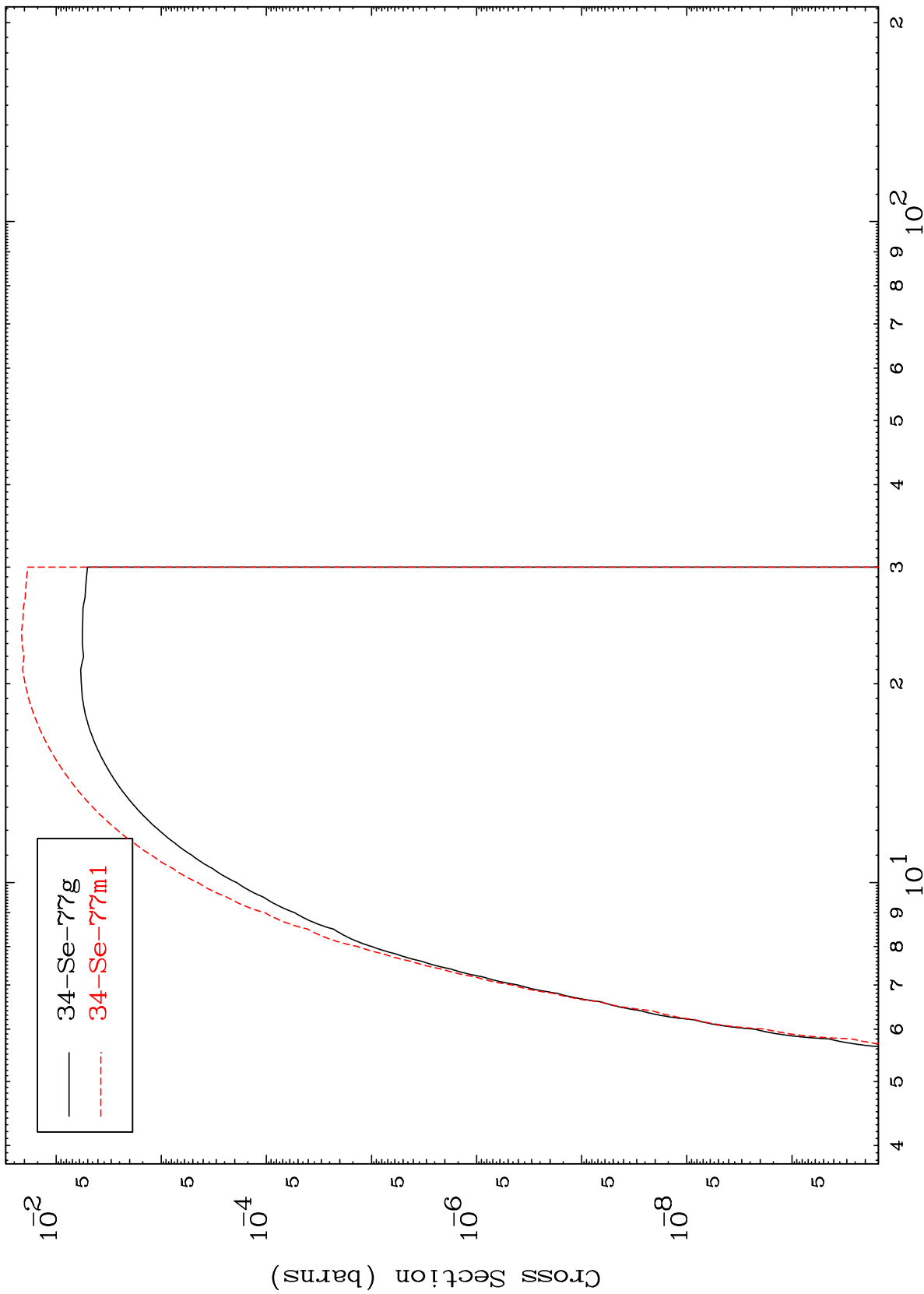
129

35-Br-78

MAT 3522

35-Br-78

(n,d)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

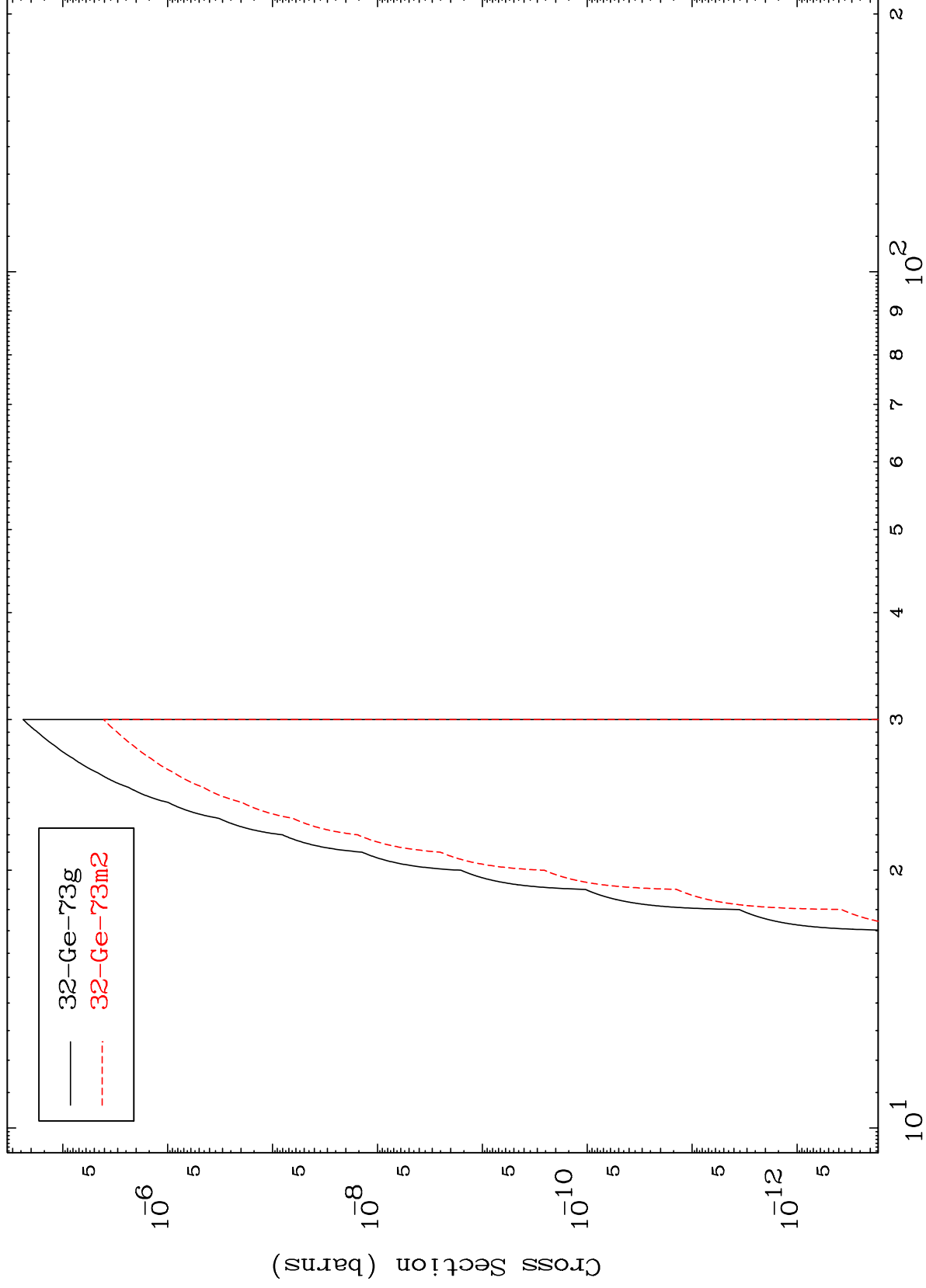
35-Br-78

MAT 3522

(n,d) α

³⁵Br-78

Radionuclide Production Cross Section



131

Incident Energy (MeV)

³⁵Br-78