

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

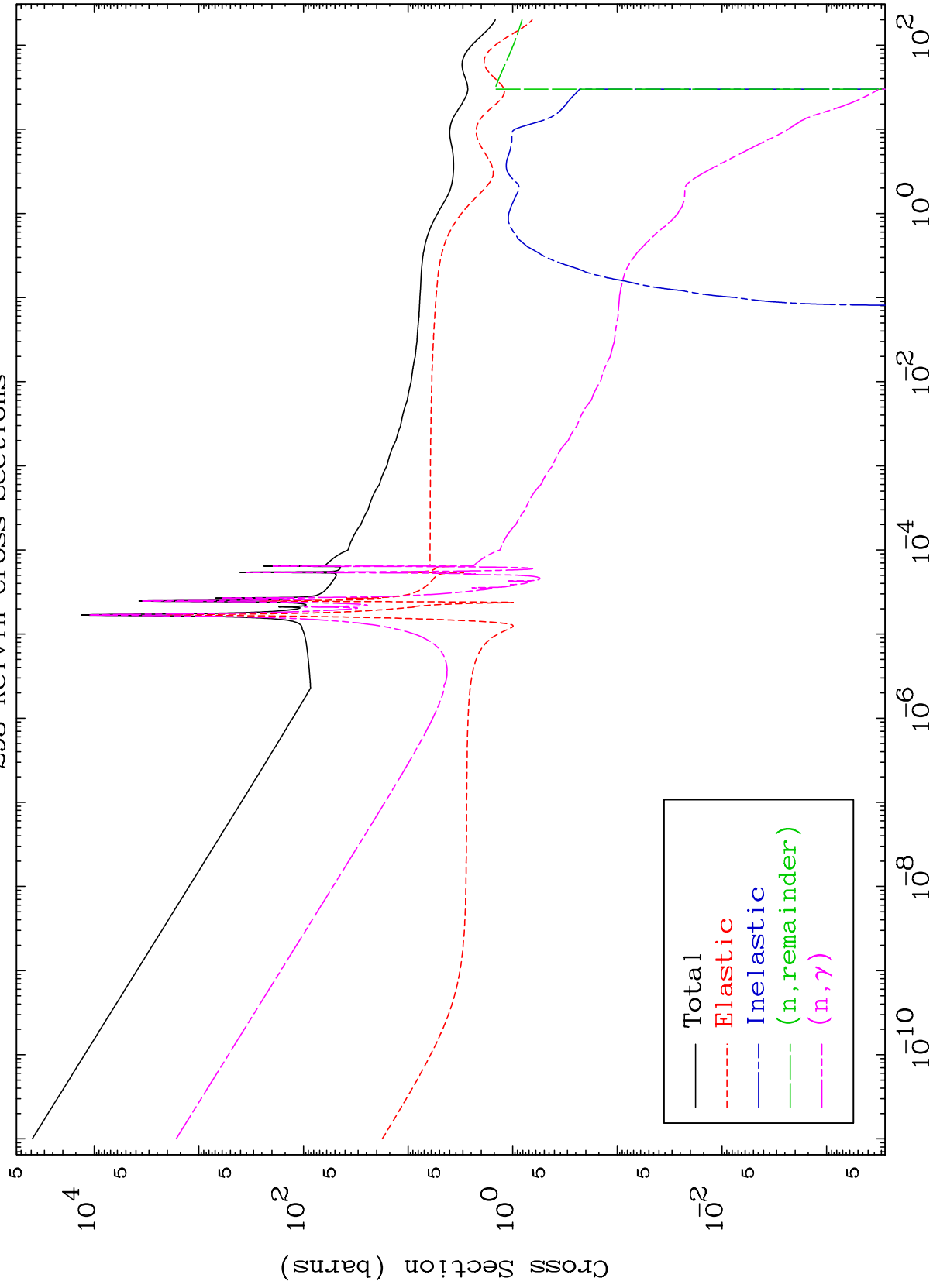
Press Mouse Button to Start

MAT 3816

Major

293 Kelvin Cross Sections

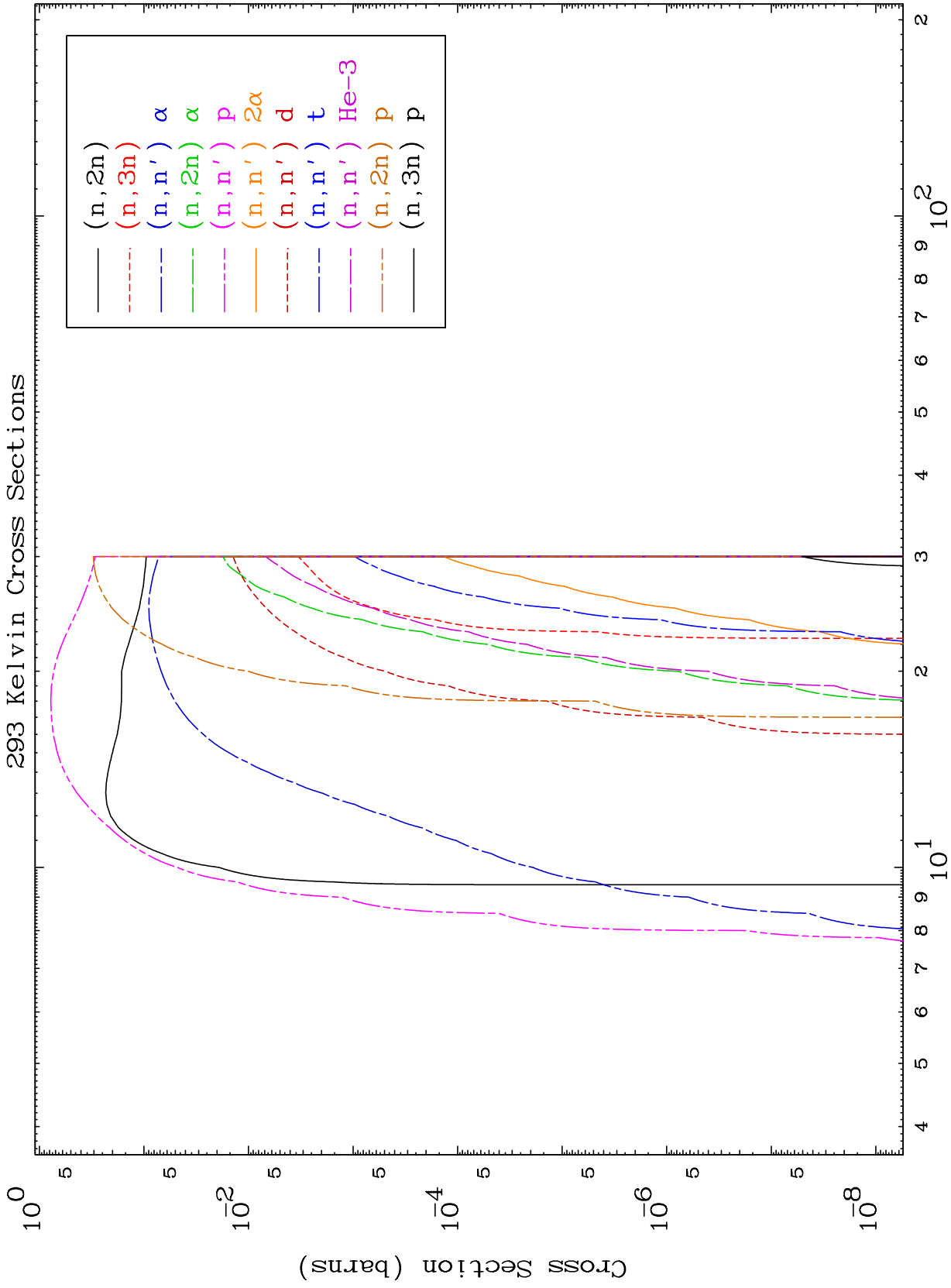
38-Sr-81



MAT 3816

Neutron Production
293 Kelvin Cross Sections

38-Sr-81



2

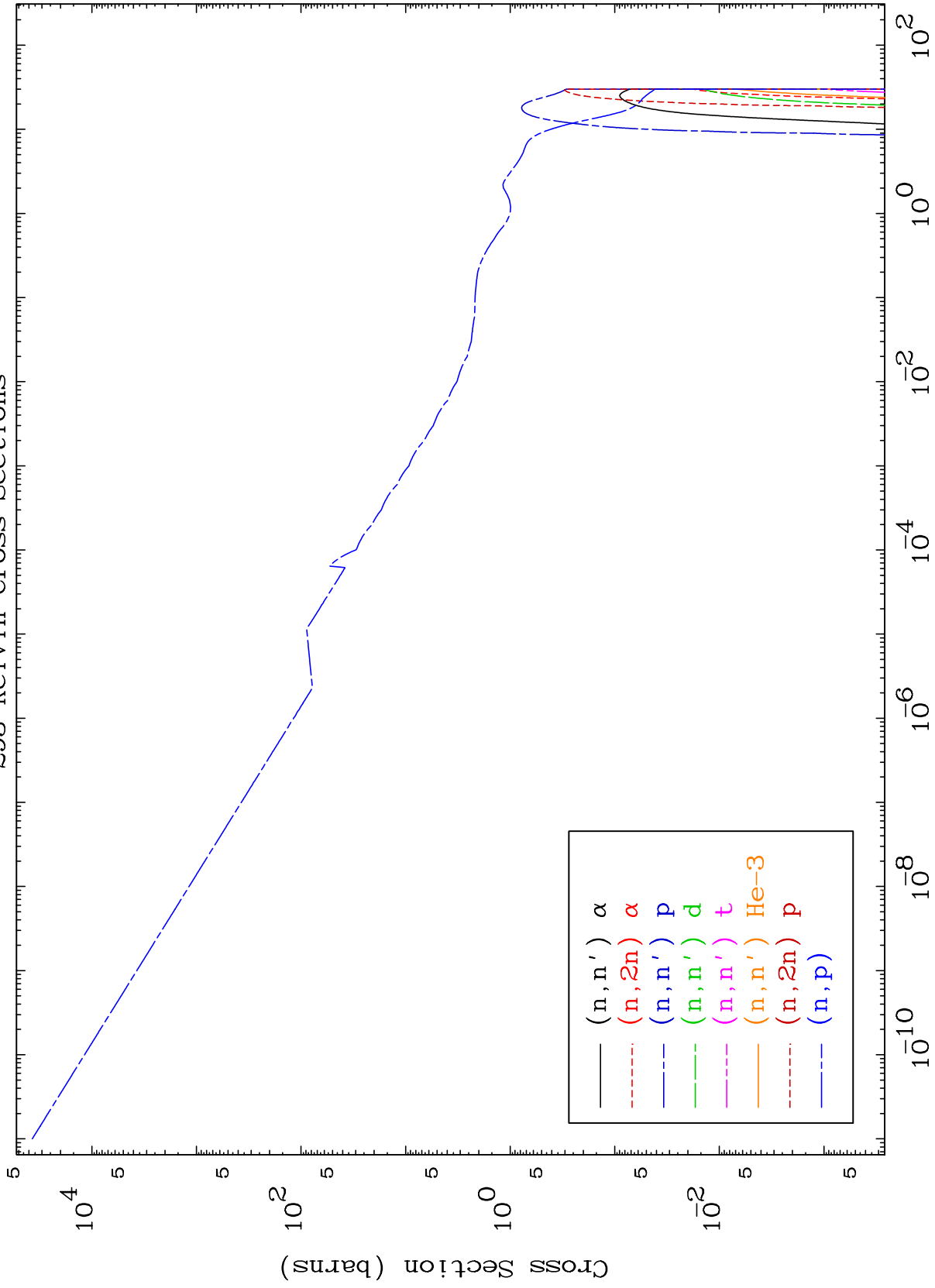
Incident Energy (MeV)

38-Sr-81

MAT 3816

Charged Particle
293 Kelvin Cross Sections

38-Sr-81



3

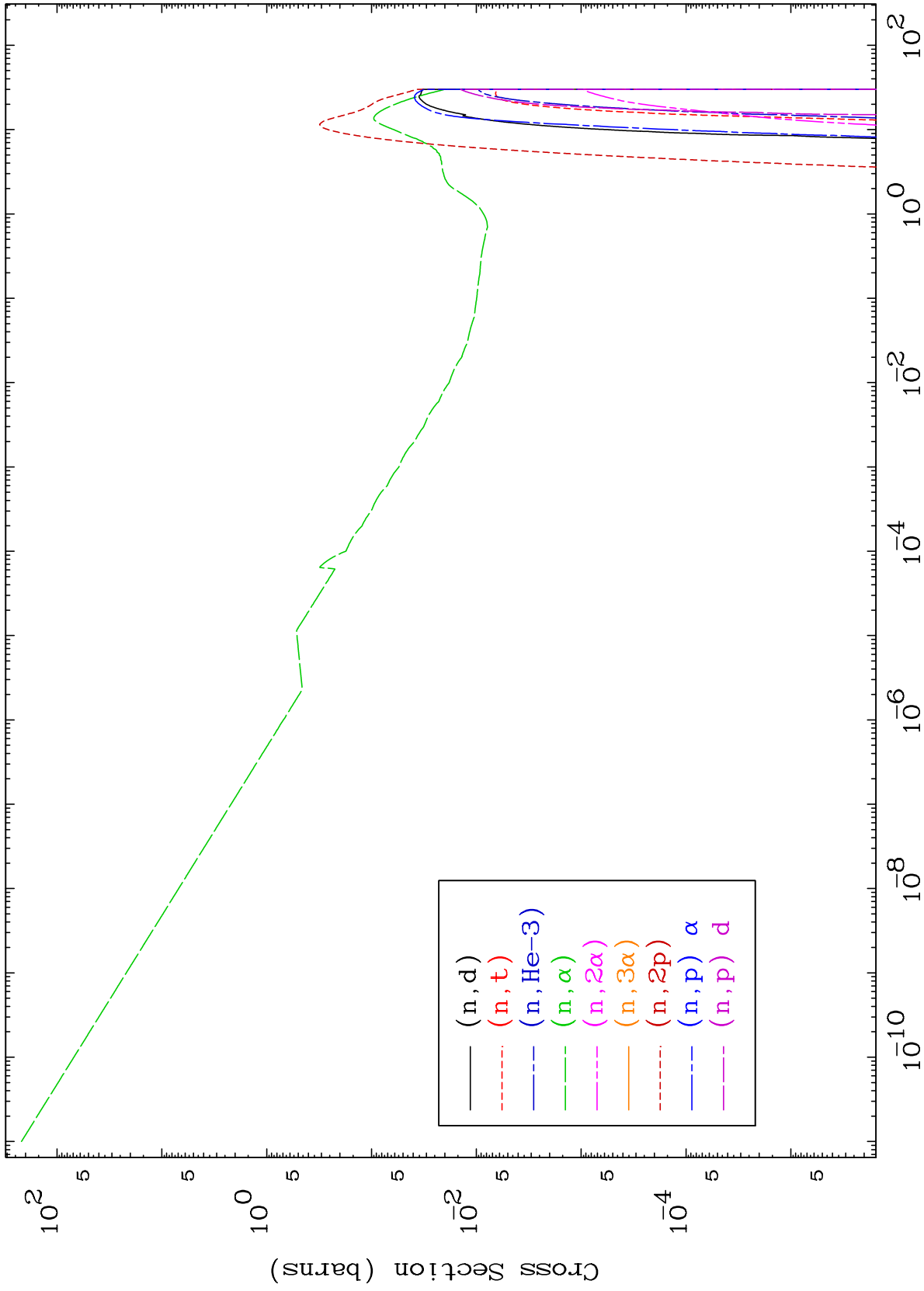
Incident Energy (MeV)

38-Sr-81

MAT 3816

Charged Particle
293 Kelvin Cross Sections

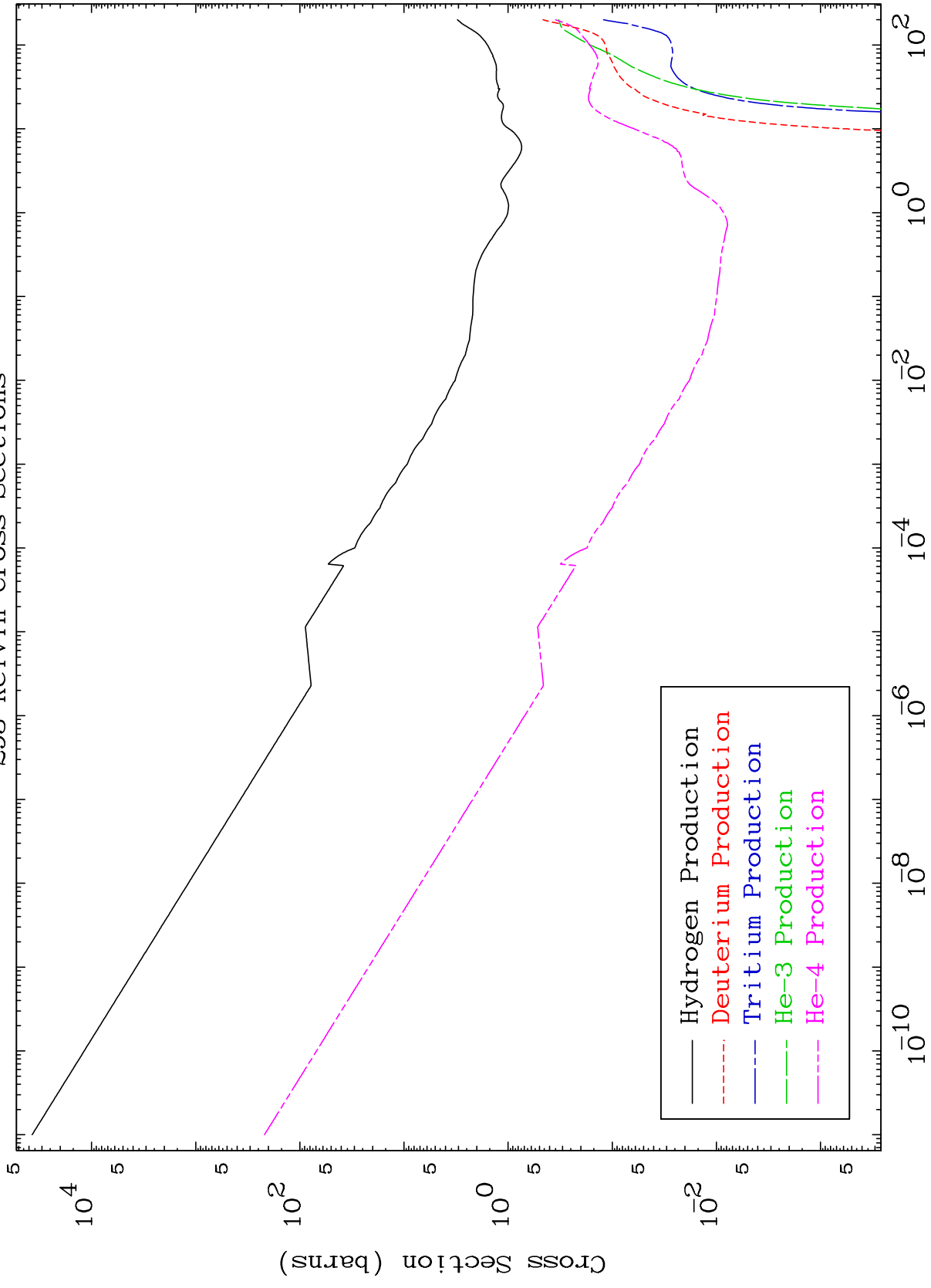
38-Sr-81



MAT 3816

Particle Production
293 Kelvin Cross Sections

38-Sr-81



5

Incident Energy (MeV)

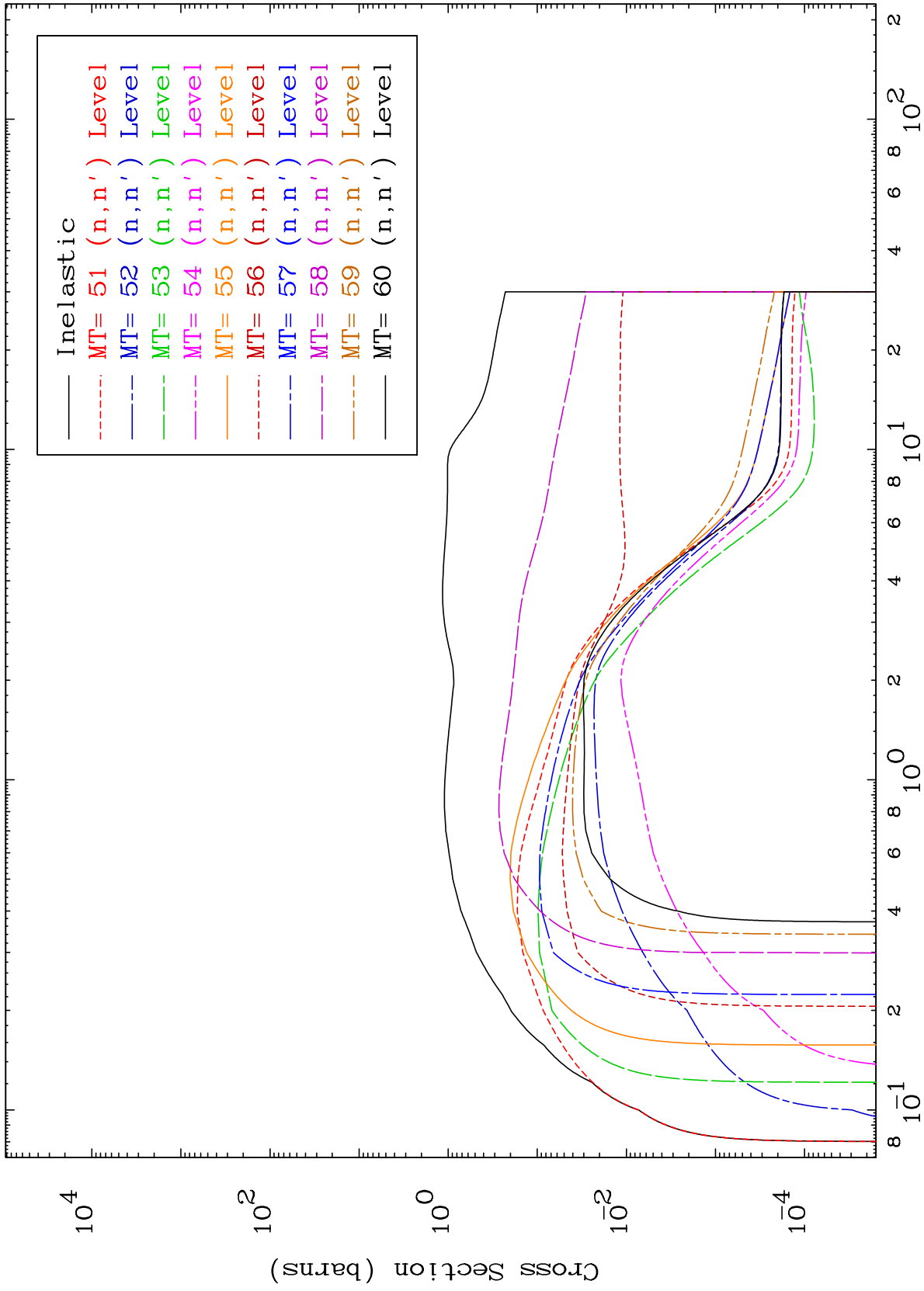
38-Sr-81

MAT 3816

(n,n') Level

38-Sr-81

293 Kelvin Cross Sections

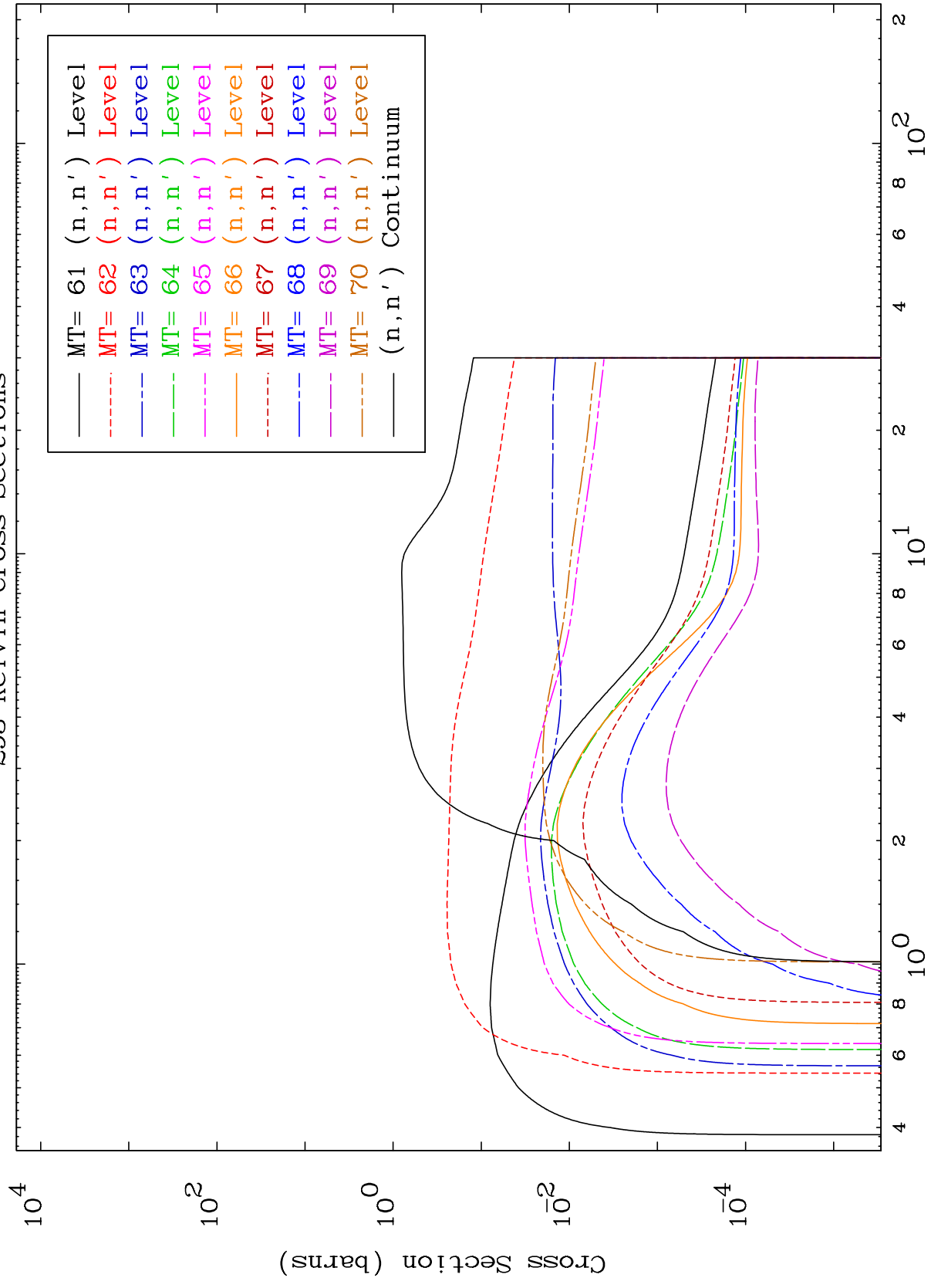


6

Incident Energy (MeV)

38-Sr-81

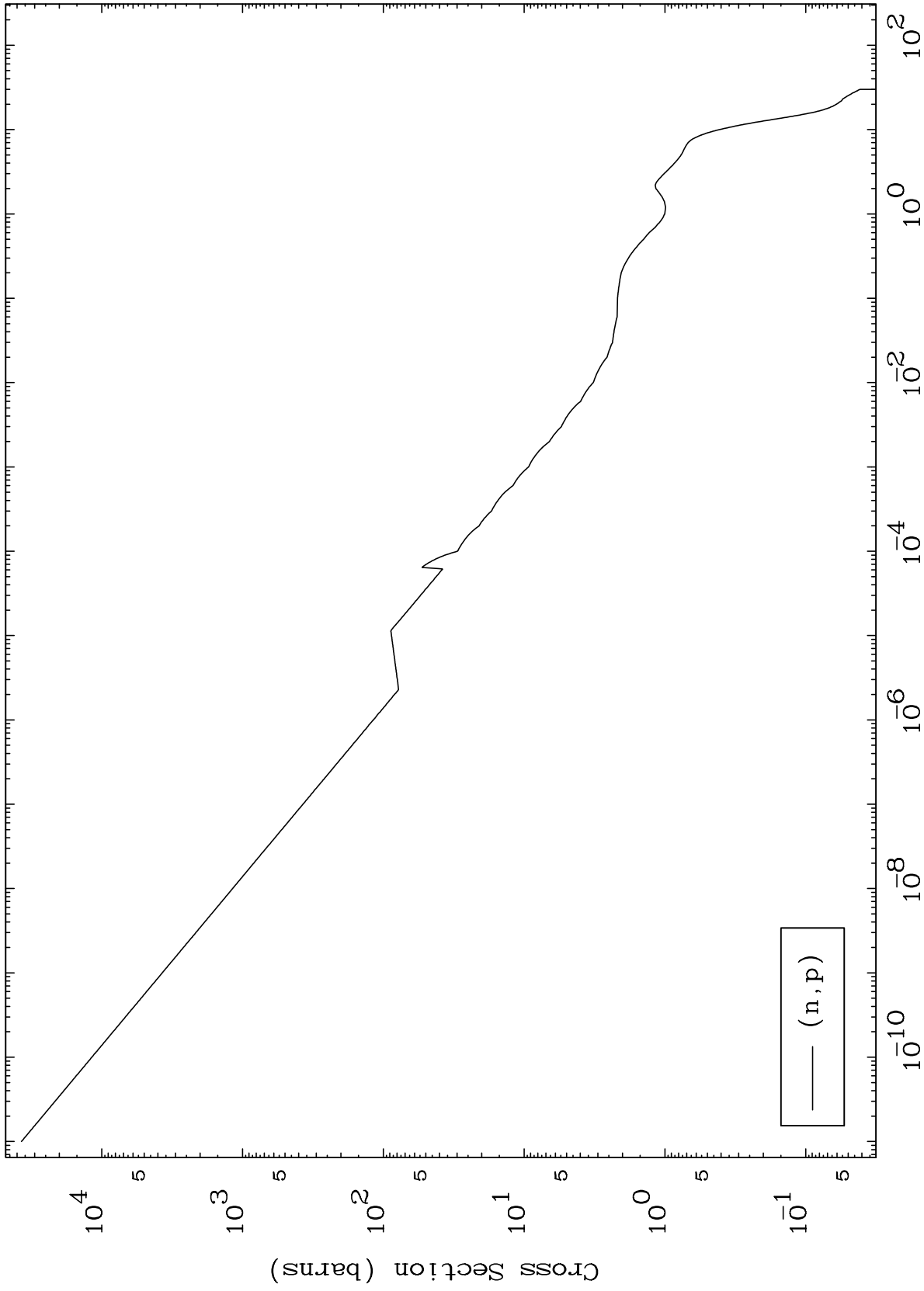
293 Kelvin Cross Sections



MAT 3816

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-81



8

Incident Energy (MeV)

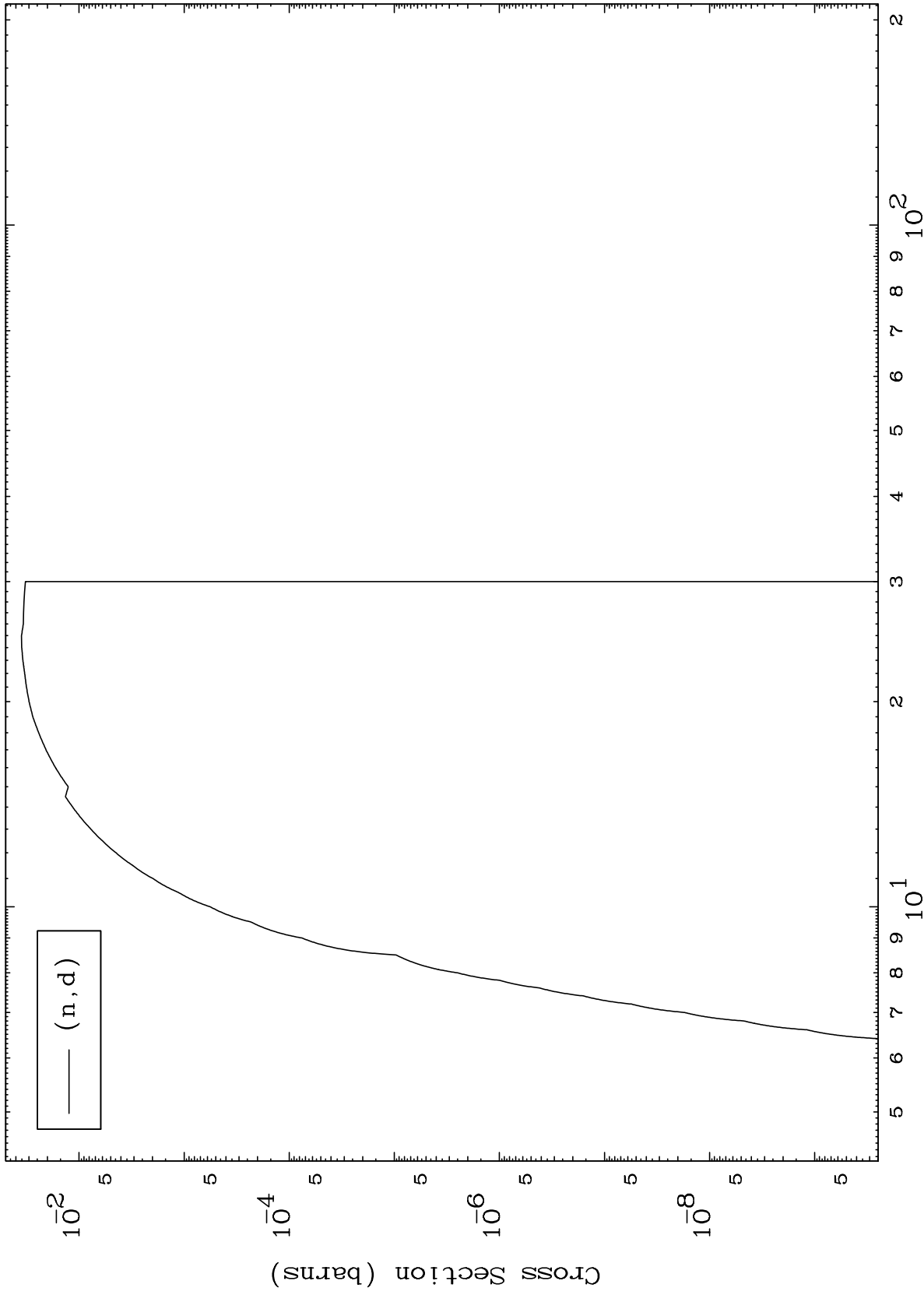
38-Sr-81

(n,p)

MAT 3816

(n,d) Levels
293 Kelvin Cross Sections

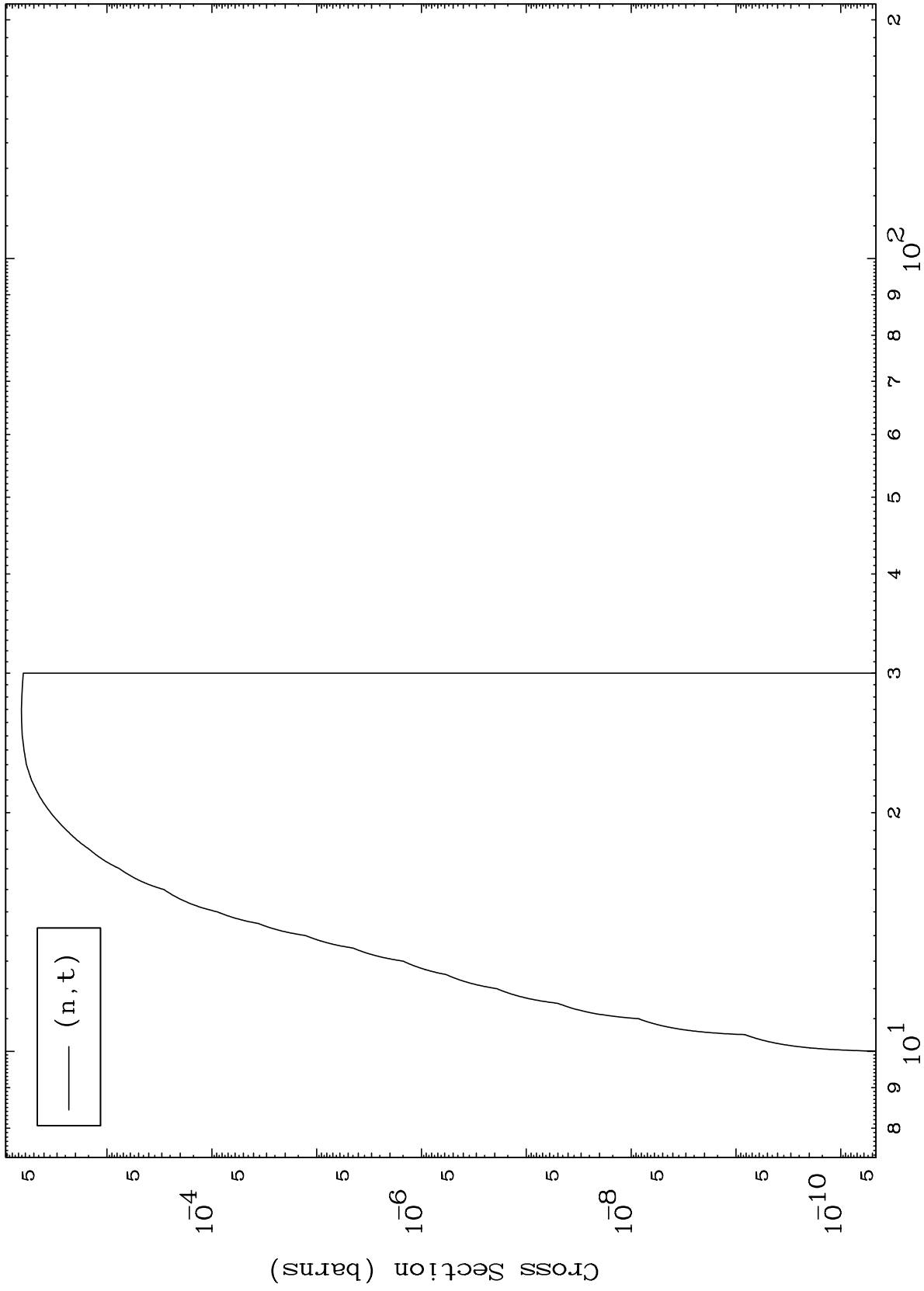
38-Sr-81



MAT 3816

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-81



10

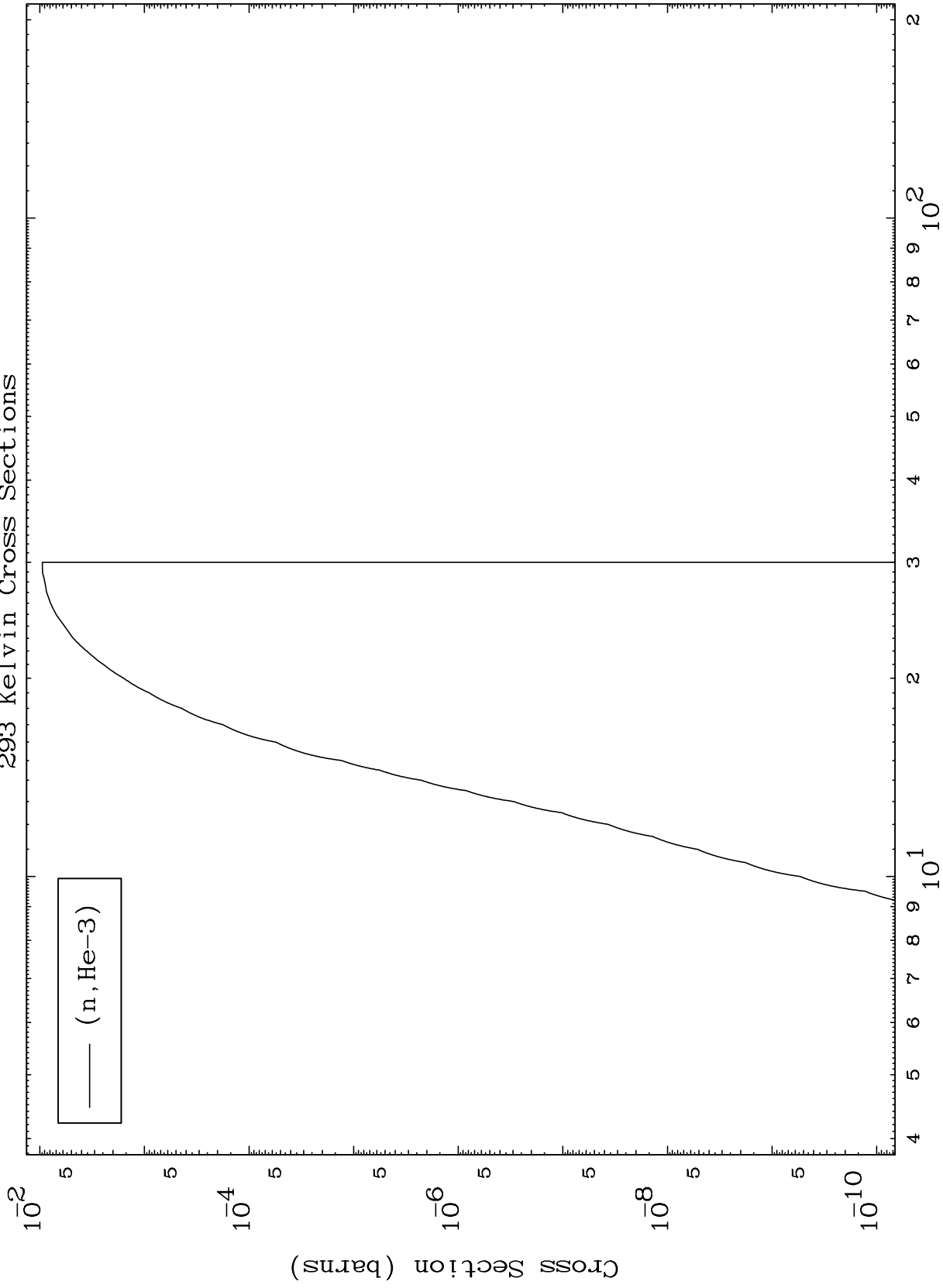
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

(n,He3) Levels
293 Kelvin Cross Sections



11

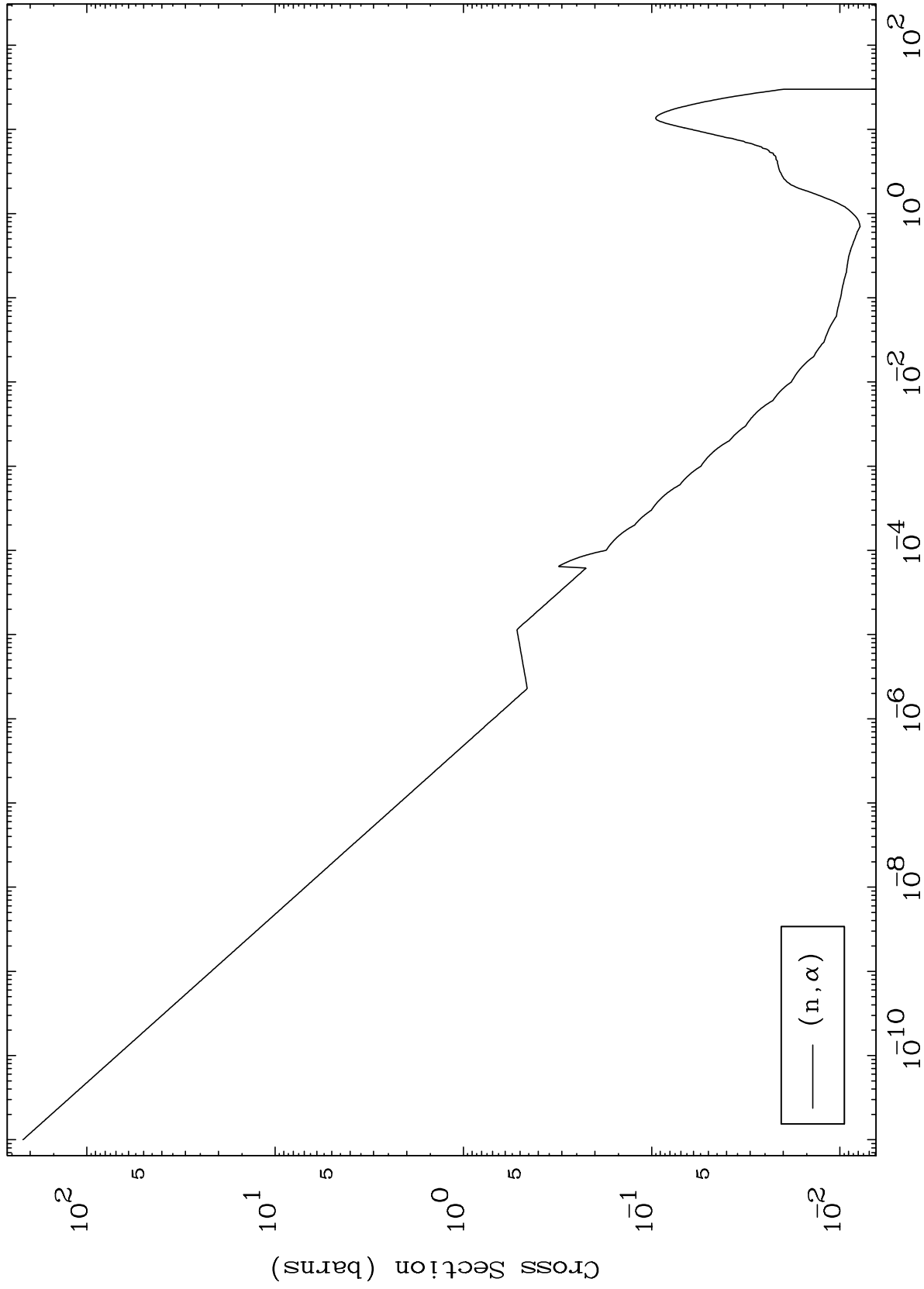
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n,α) Levels
293 Kelvin Cross Sections

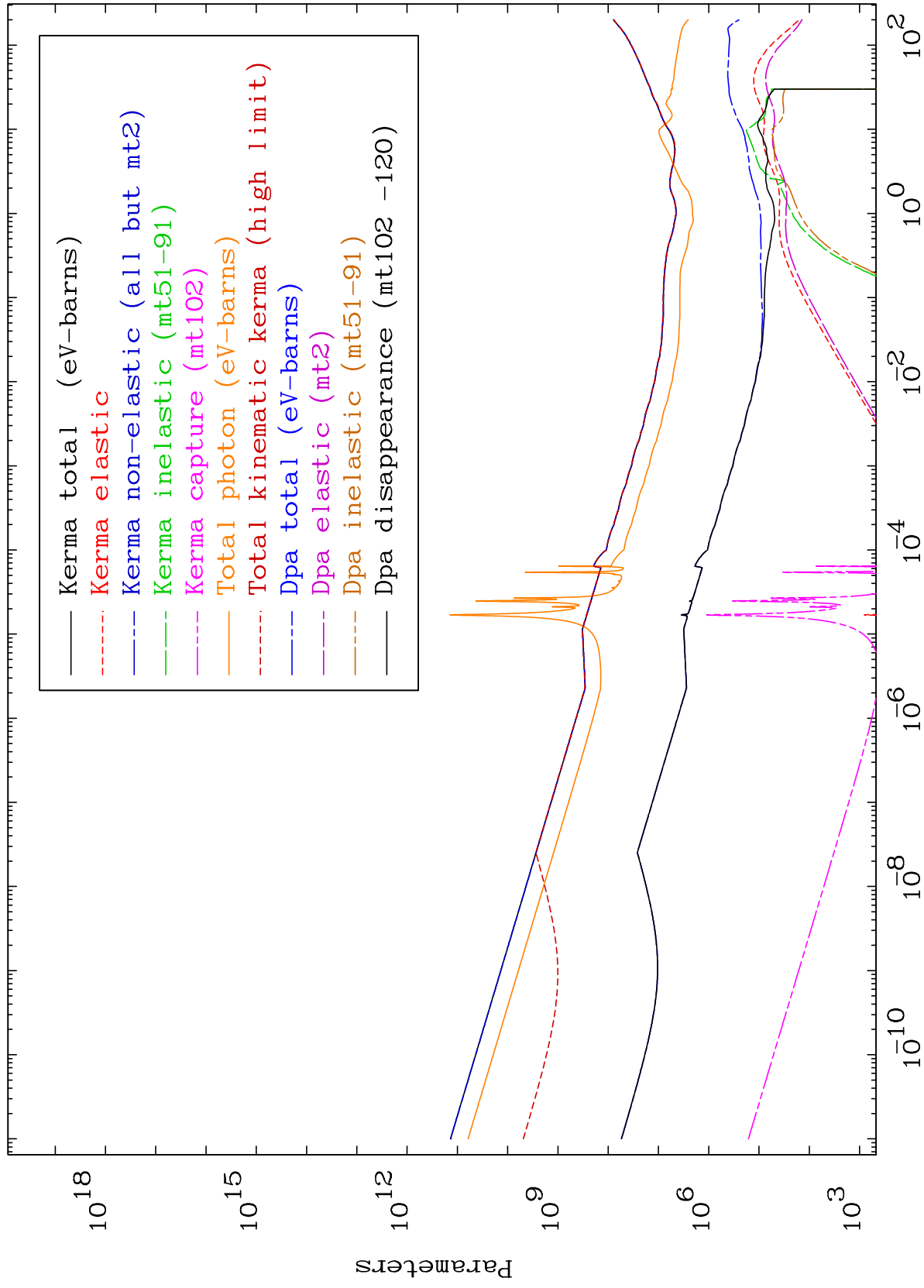
38-Sr-81



12

Incident Energy (MeV)

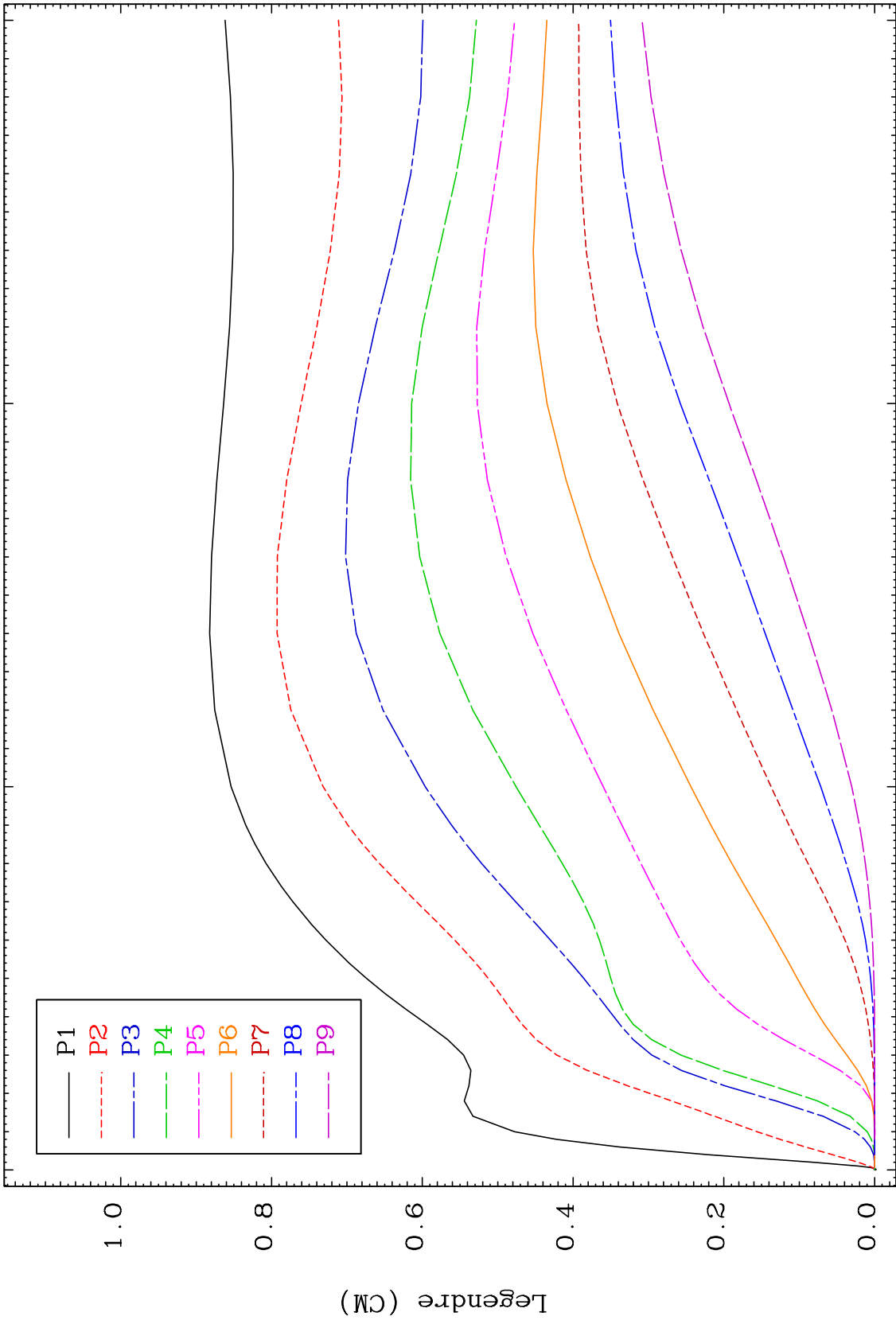
38-Sr-81



MAT 3816

Elastic Legendre Coefficients

38-Sr-81



14

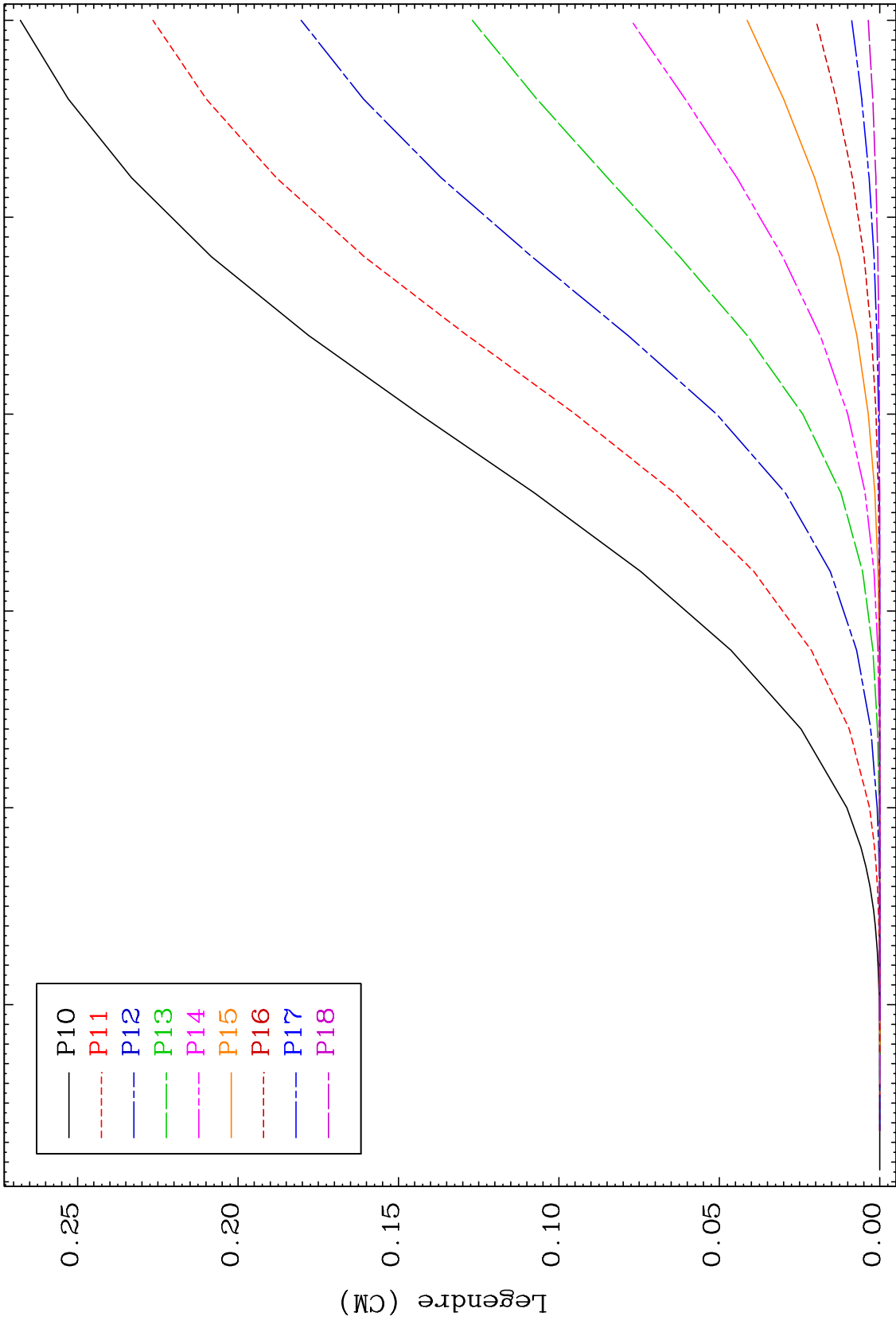
Incident Energy (MeV)

38-Sr-81

MAT 3816

Elastic Legendre Coefficients

38-Sr-81



15

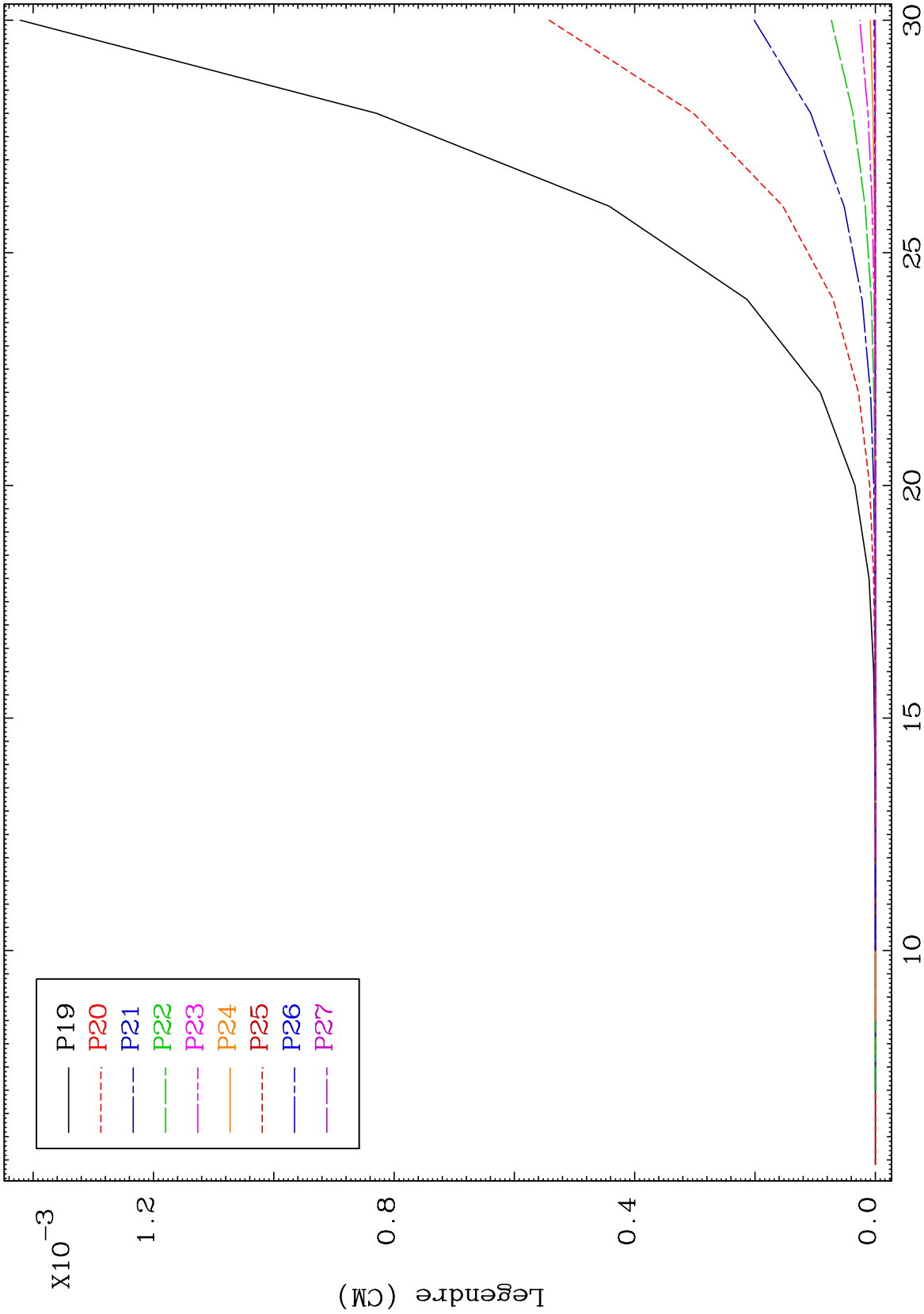
Incident Energy (MeV)

38-Sr-81

MAT 3816

Elastic
Legendre Coefficients

38-Sr-81



16

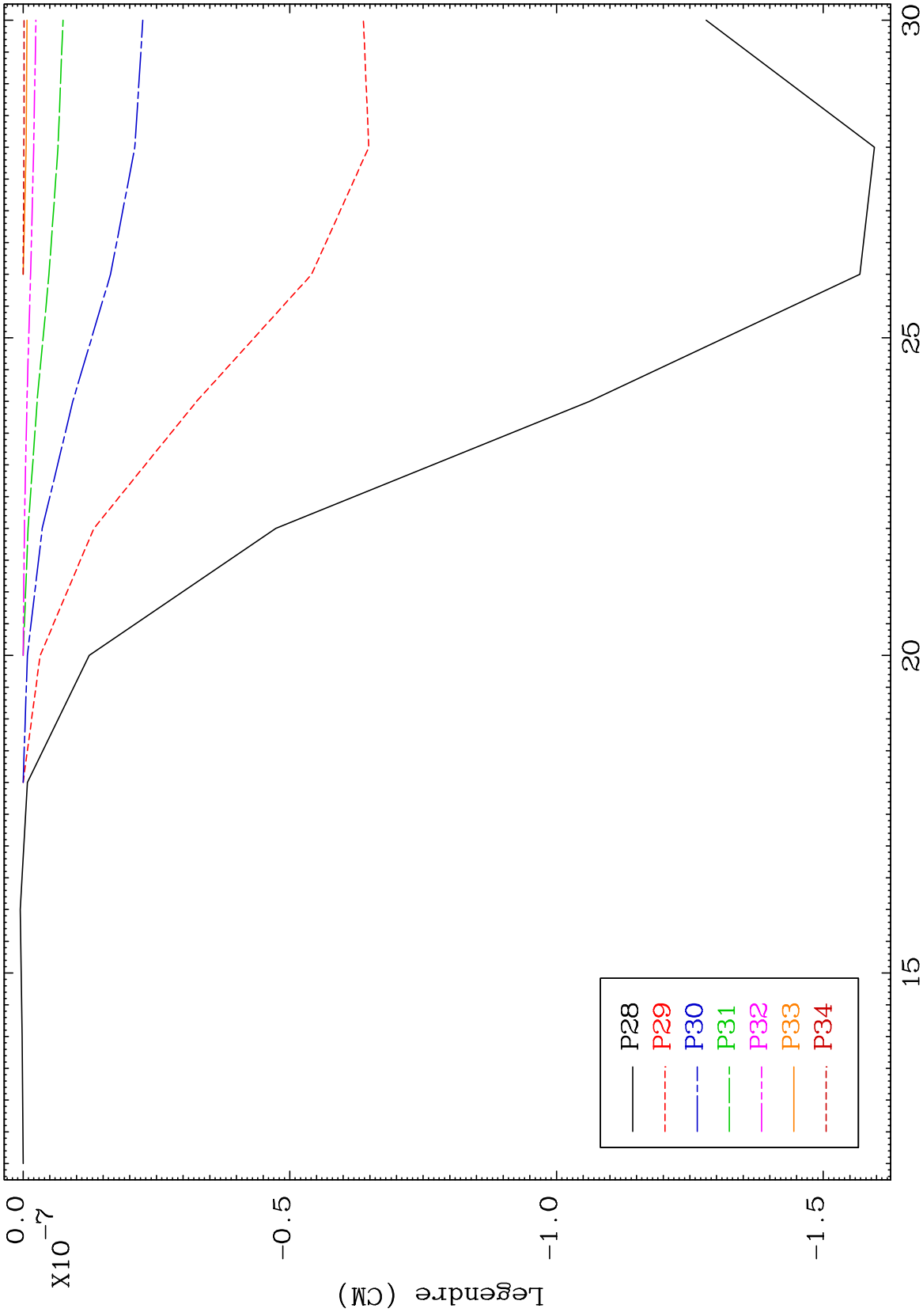
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

Elastic
Legendre Coefficients



17

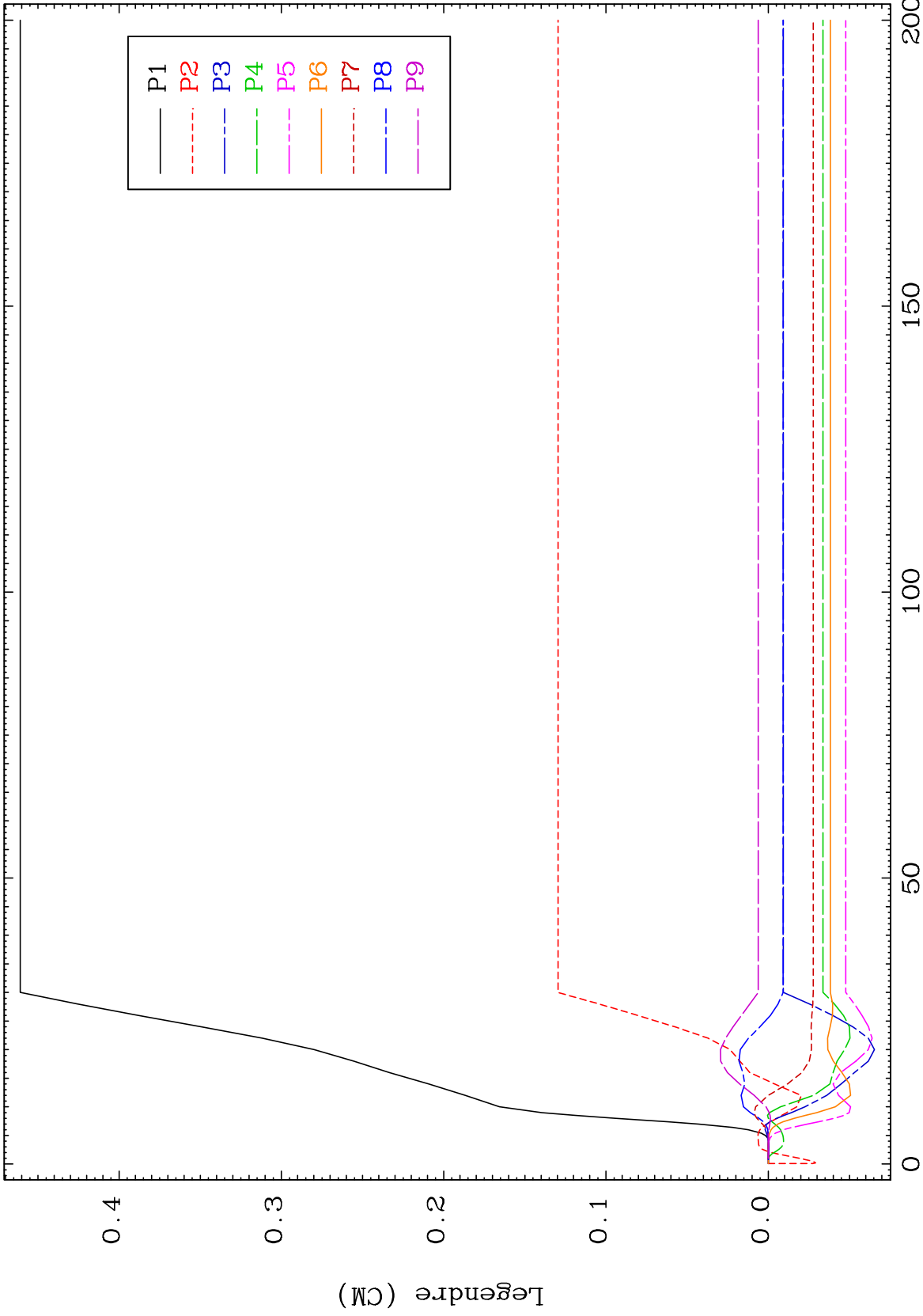
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



18

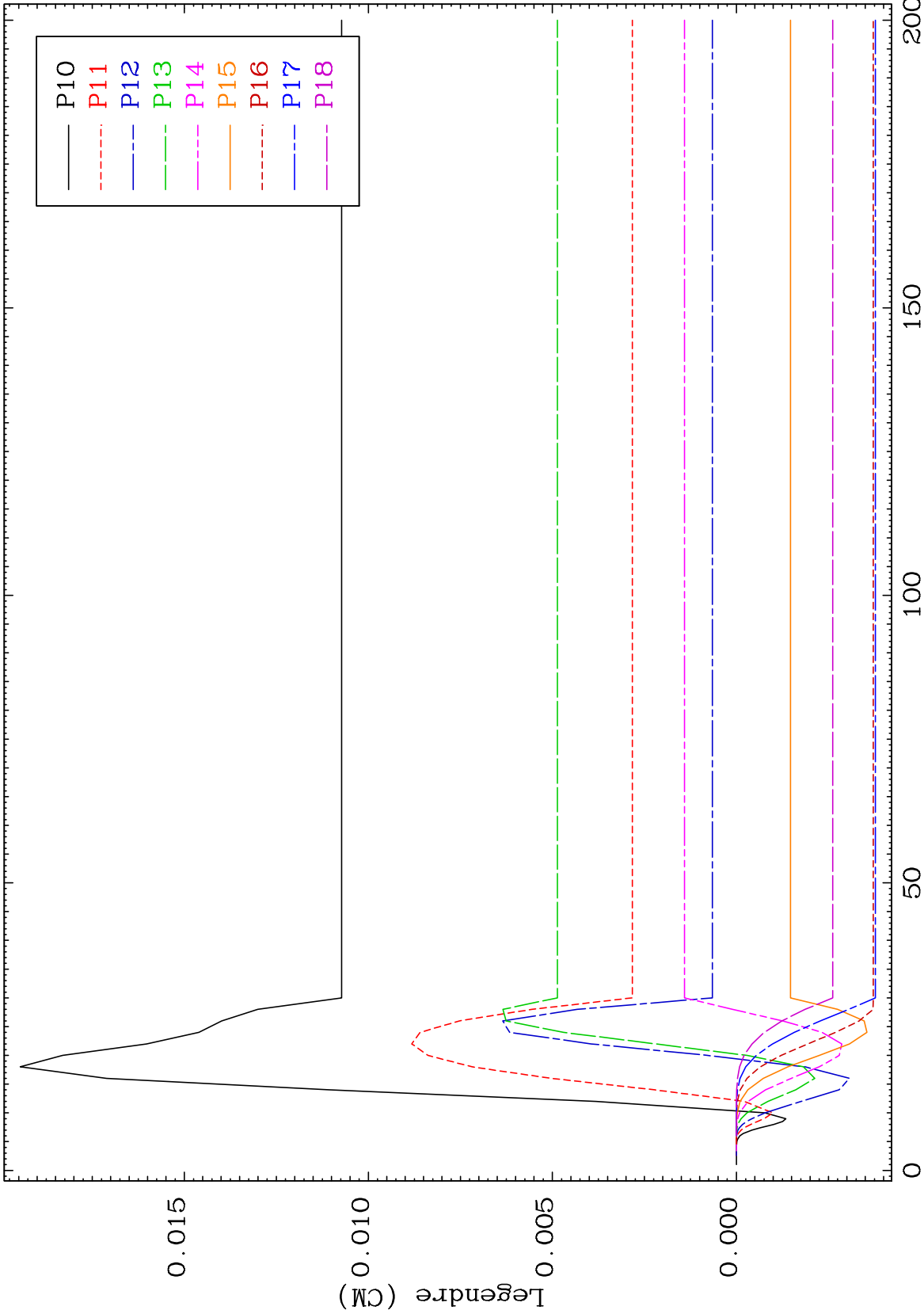
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



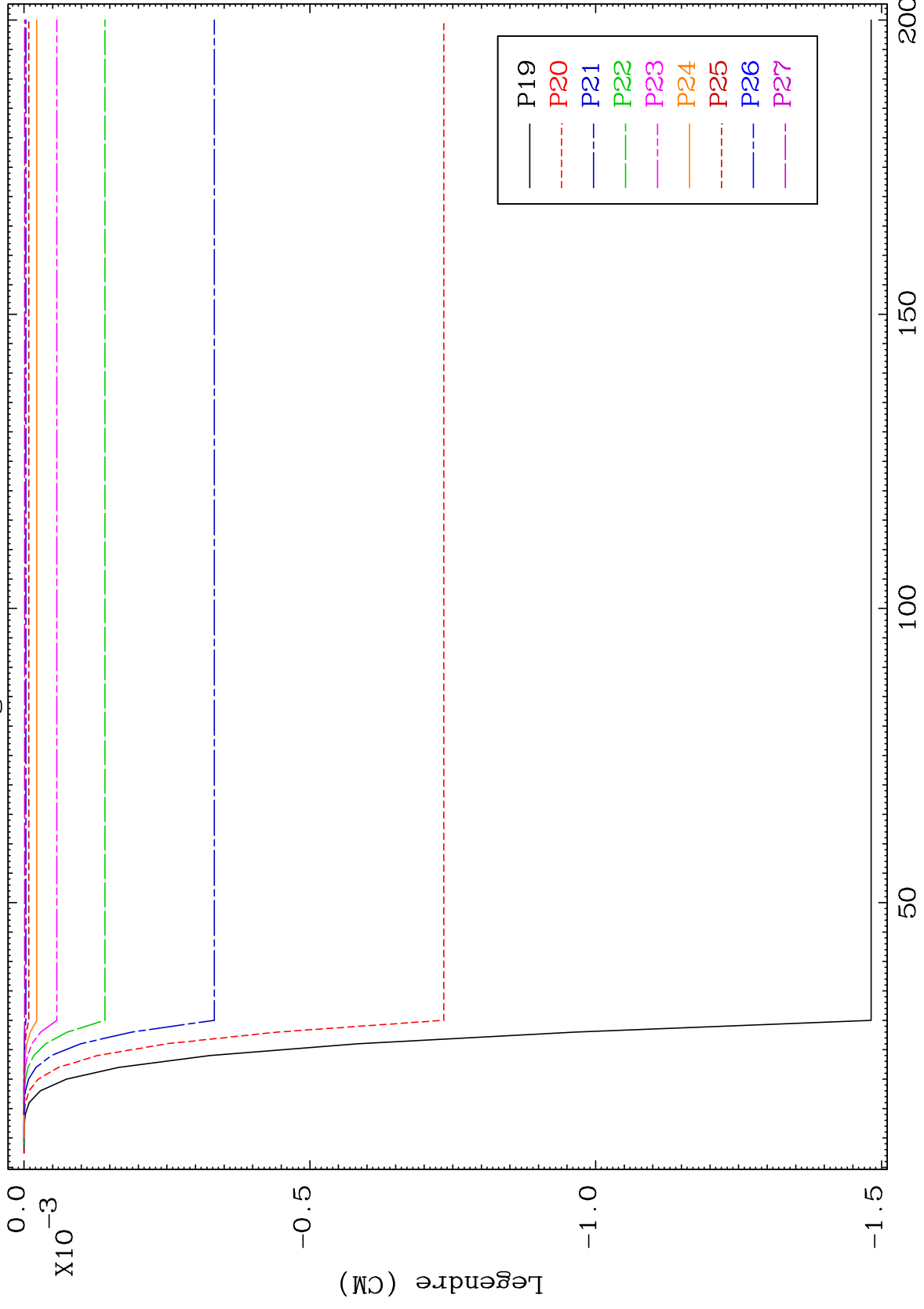
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38-Sr-81

MAT 3816

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

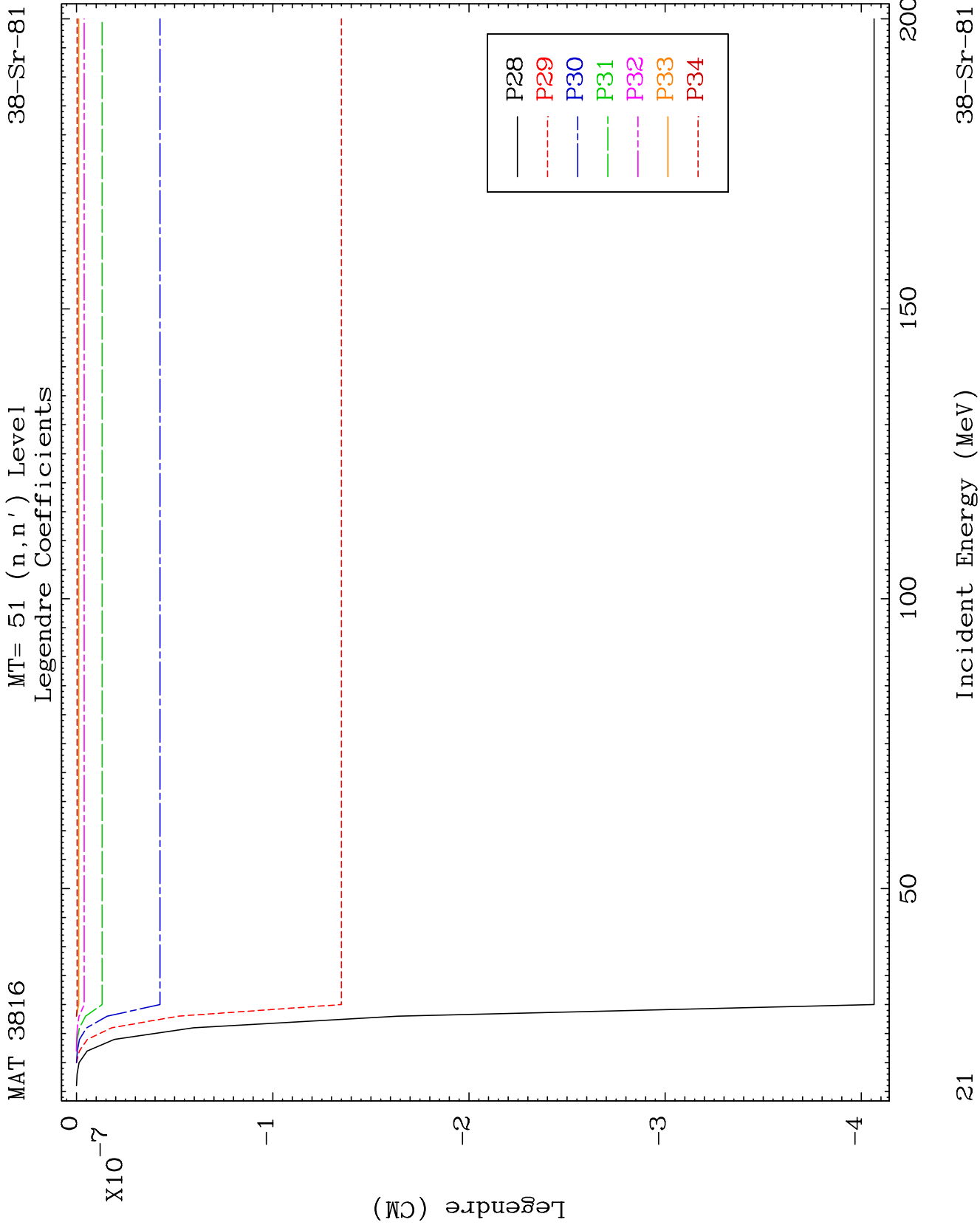
38-Sr-81



38-Sr-81

Incident Energy (MeV)

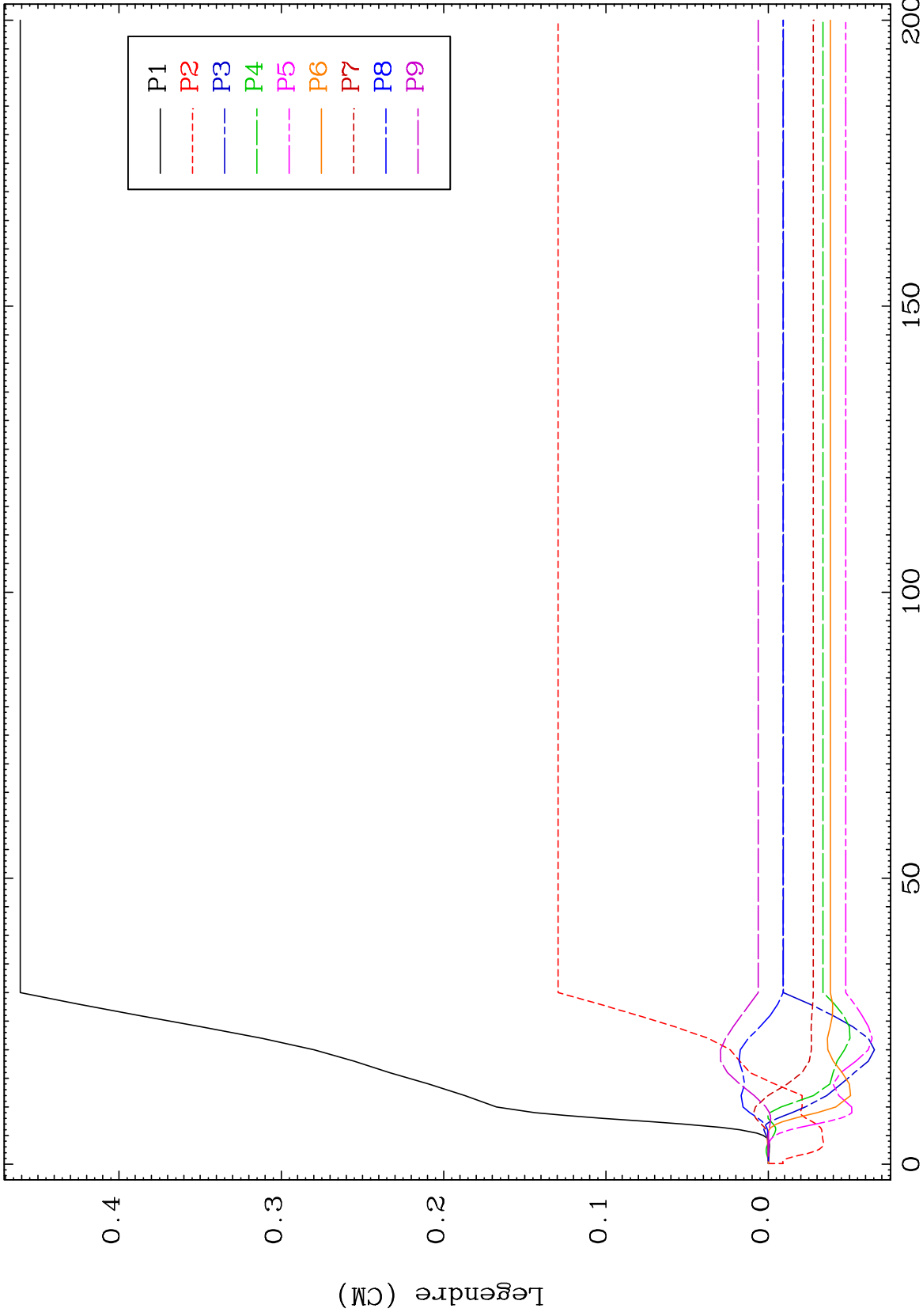
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MAT 3816

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

38-Sr-81



22

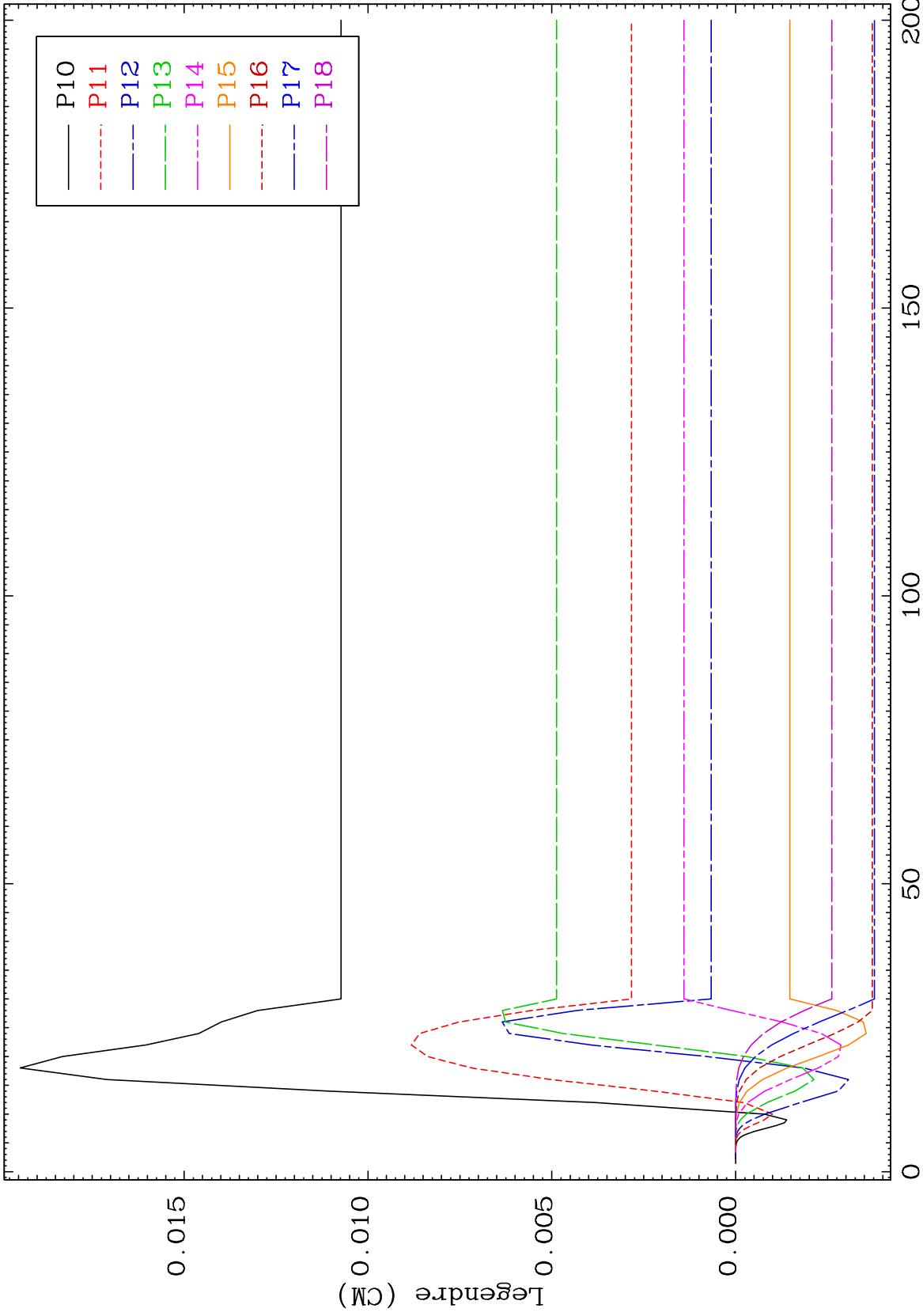
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

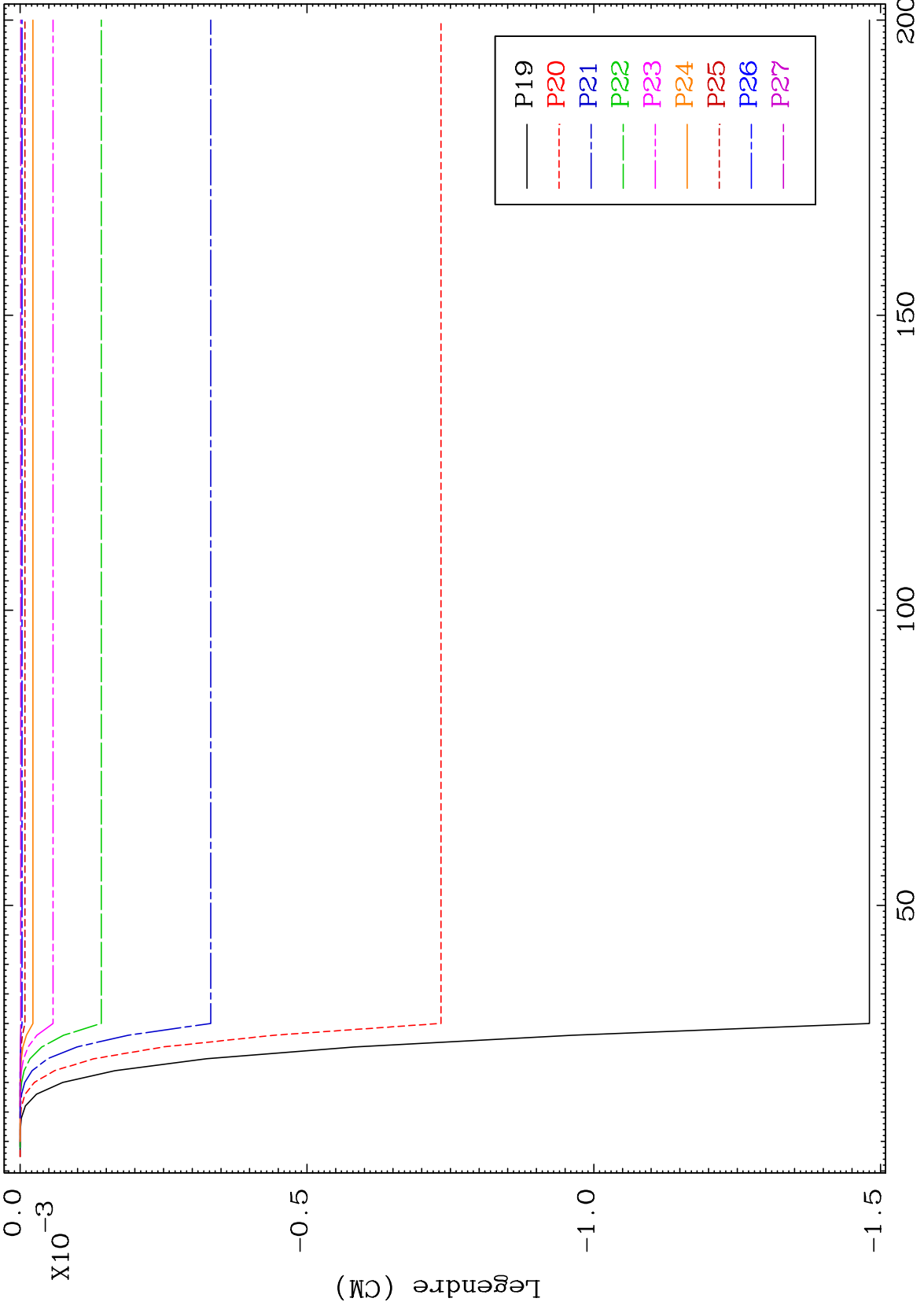


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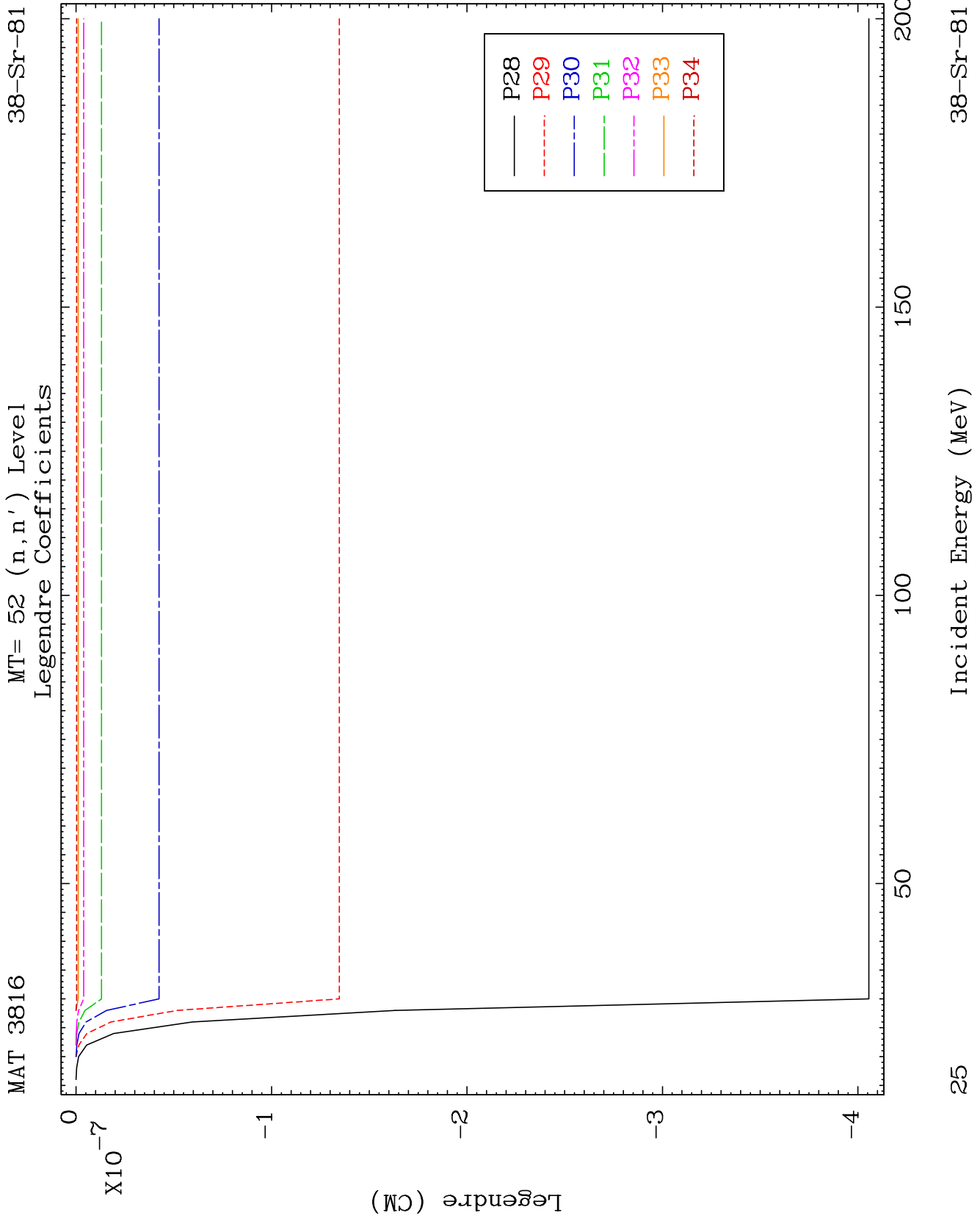
Incident Energy (MeV)

38-Sr-81

MAT 3816 MT= 52 (n,n') Level Legendre Coefficients 38-Sr-81



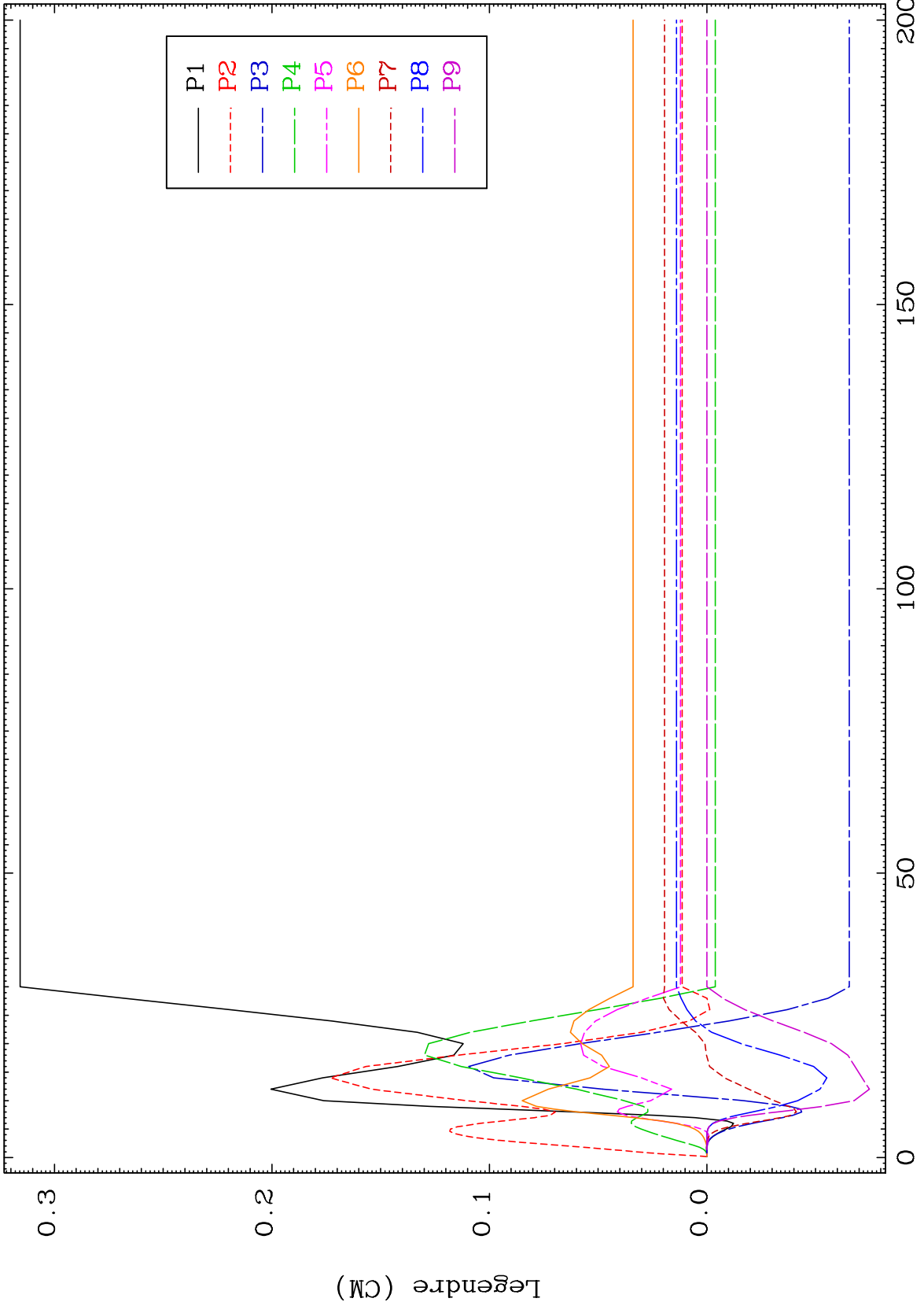
24 Incident Energy (MeV) 38-Sr-81



MAT 3816

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

38-Sr-81



26

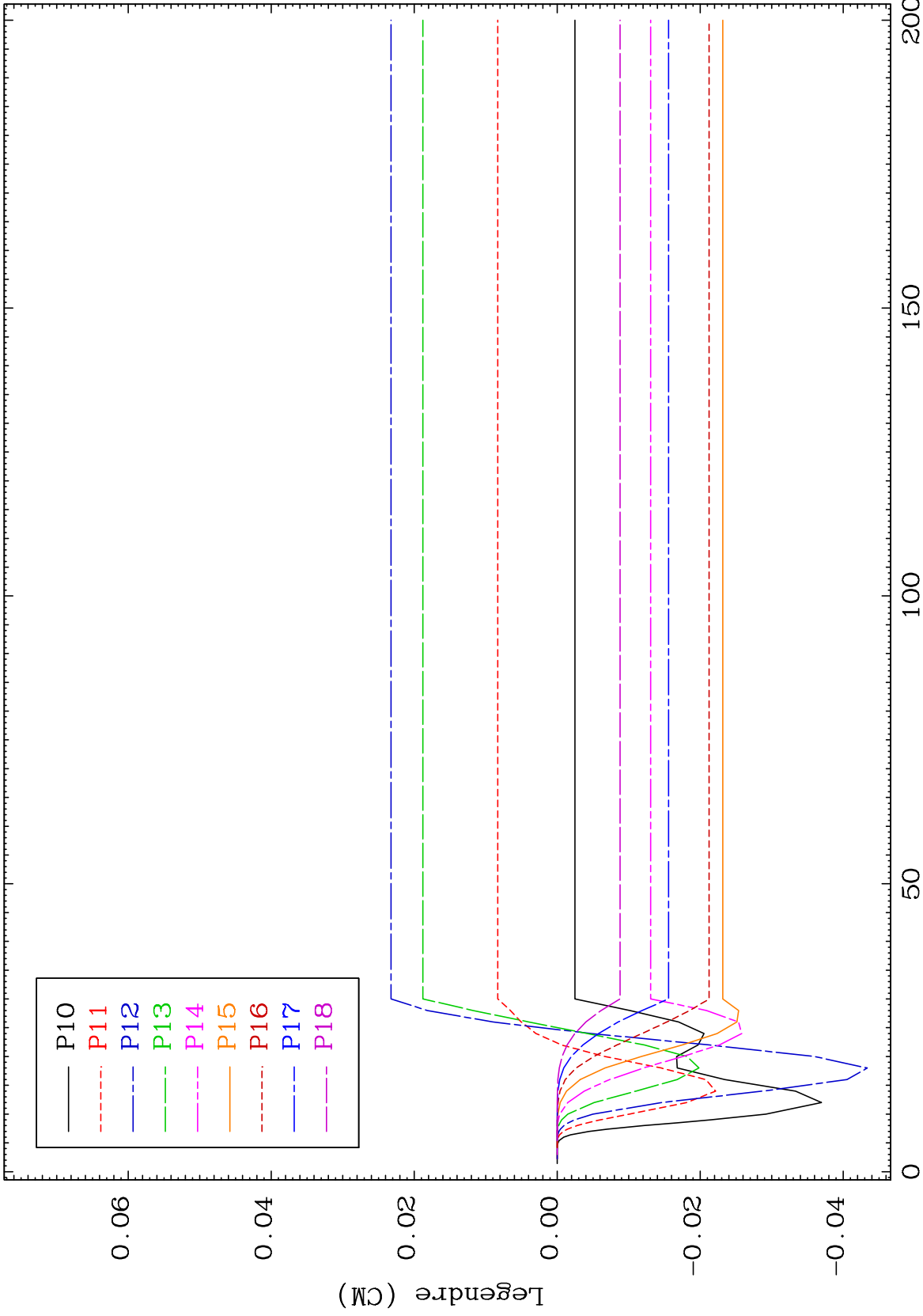
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

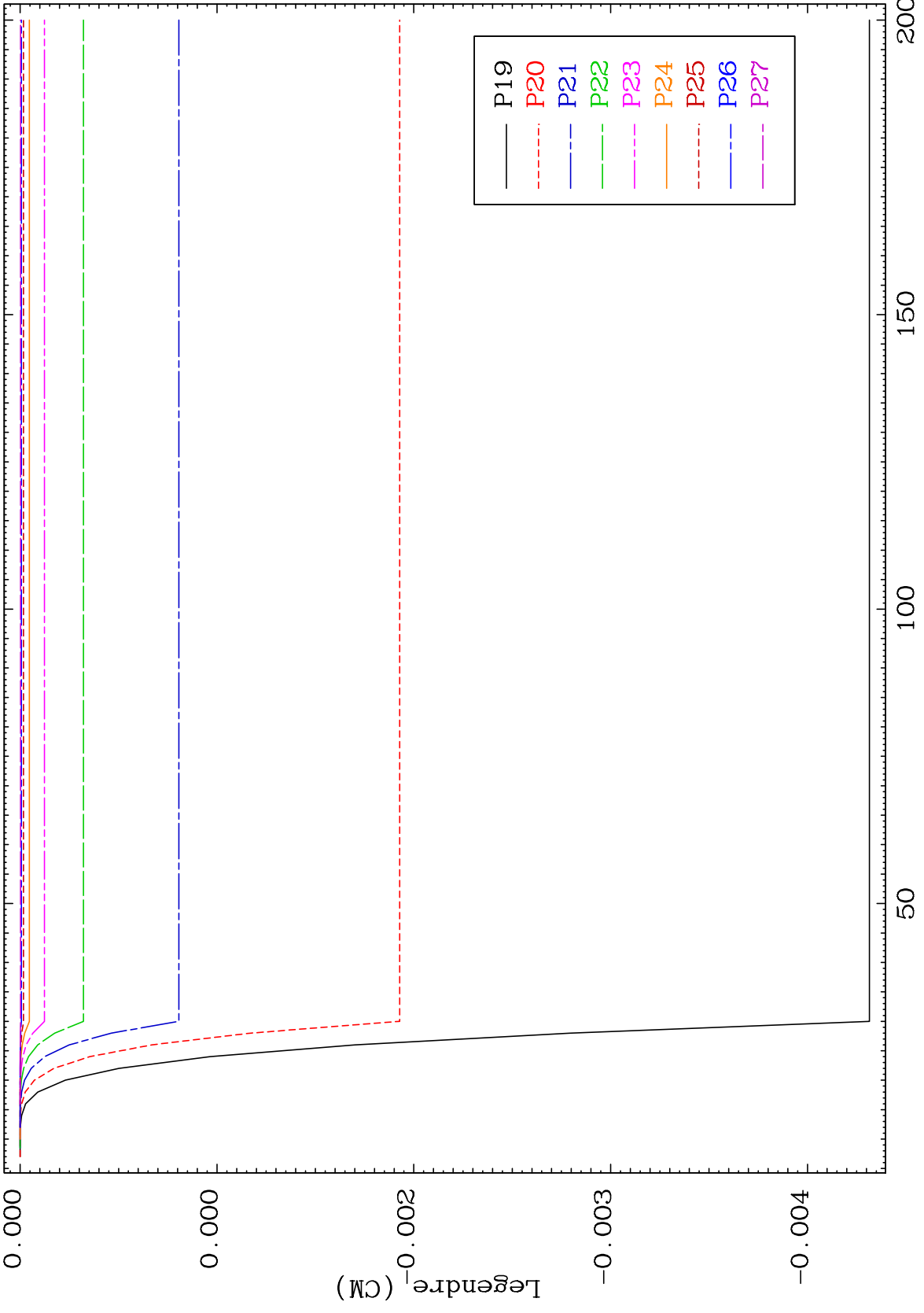


27

Incident Energy (MeV)

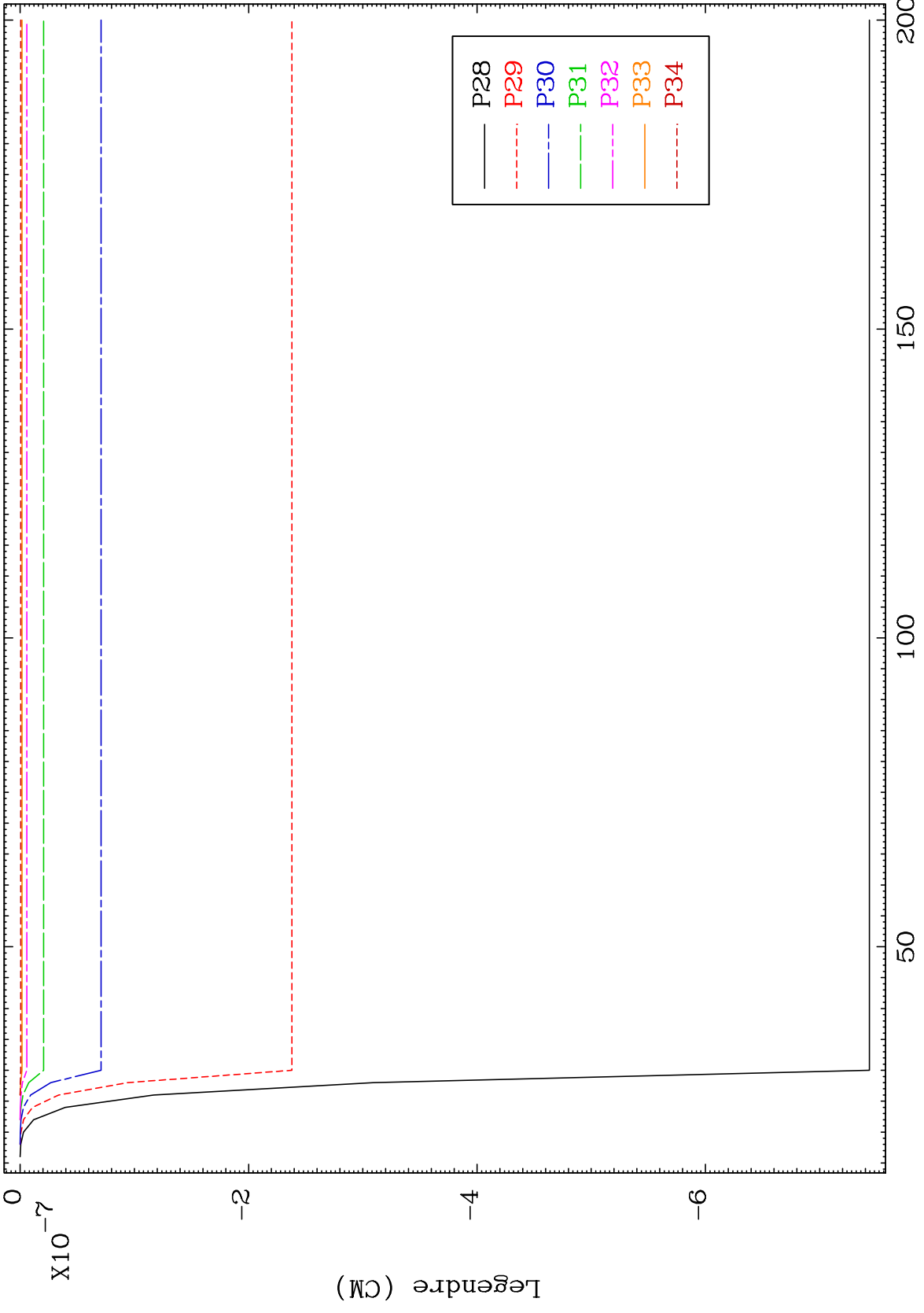
38-Sr-81

MAT 3816 MT= 53 (n,n') Level Legendre Coefficients 38-Sr-81



38-Sr-81

MAT 3816 MT= 53 (n,n') Level Legendre Coefficients 38-Sr-81

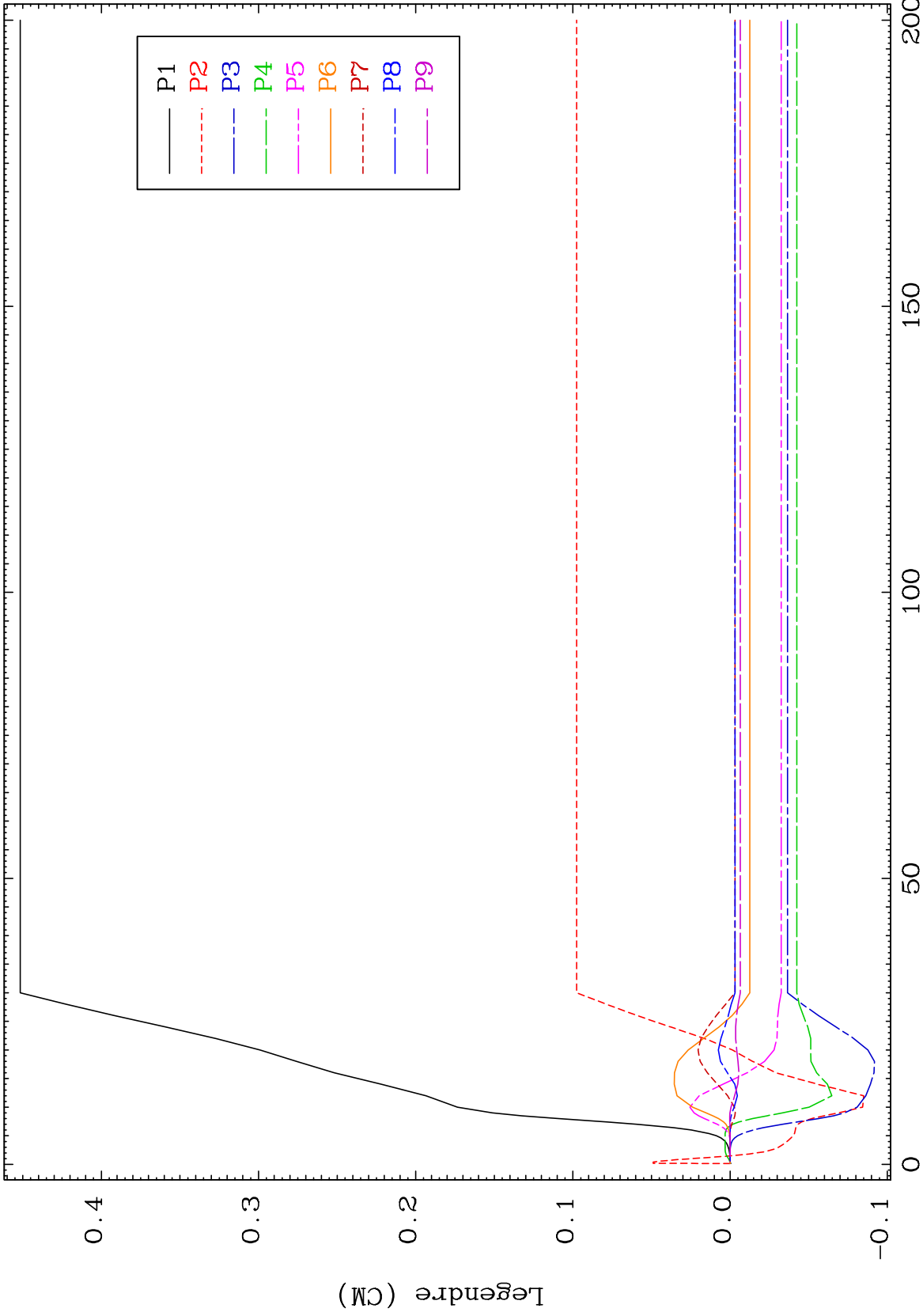


29 38-Sr-81

MAT 3816

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

38-Sr-81



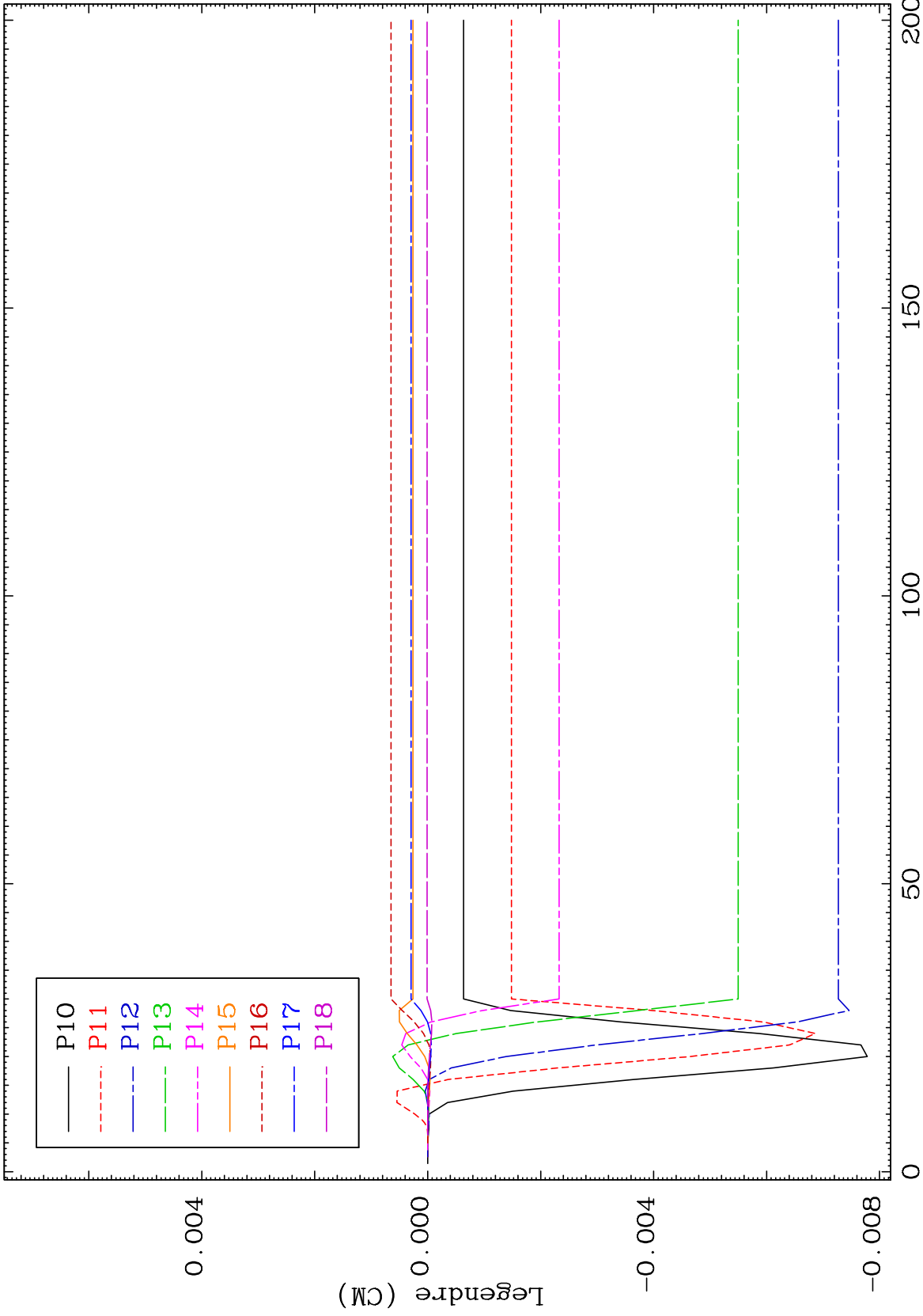
38-Sr-81

Incident Energy (MeV)

MAT 3816

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

38-Sr-81



31

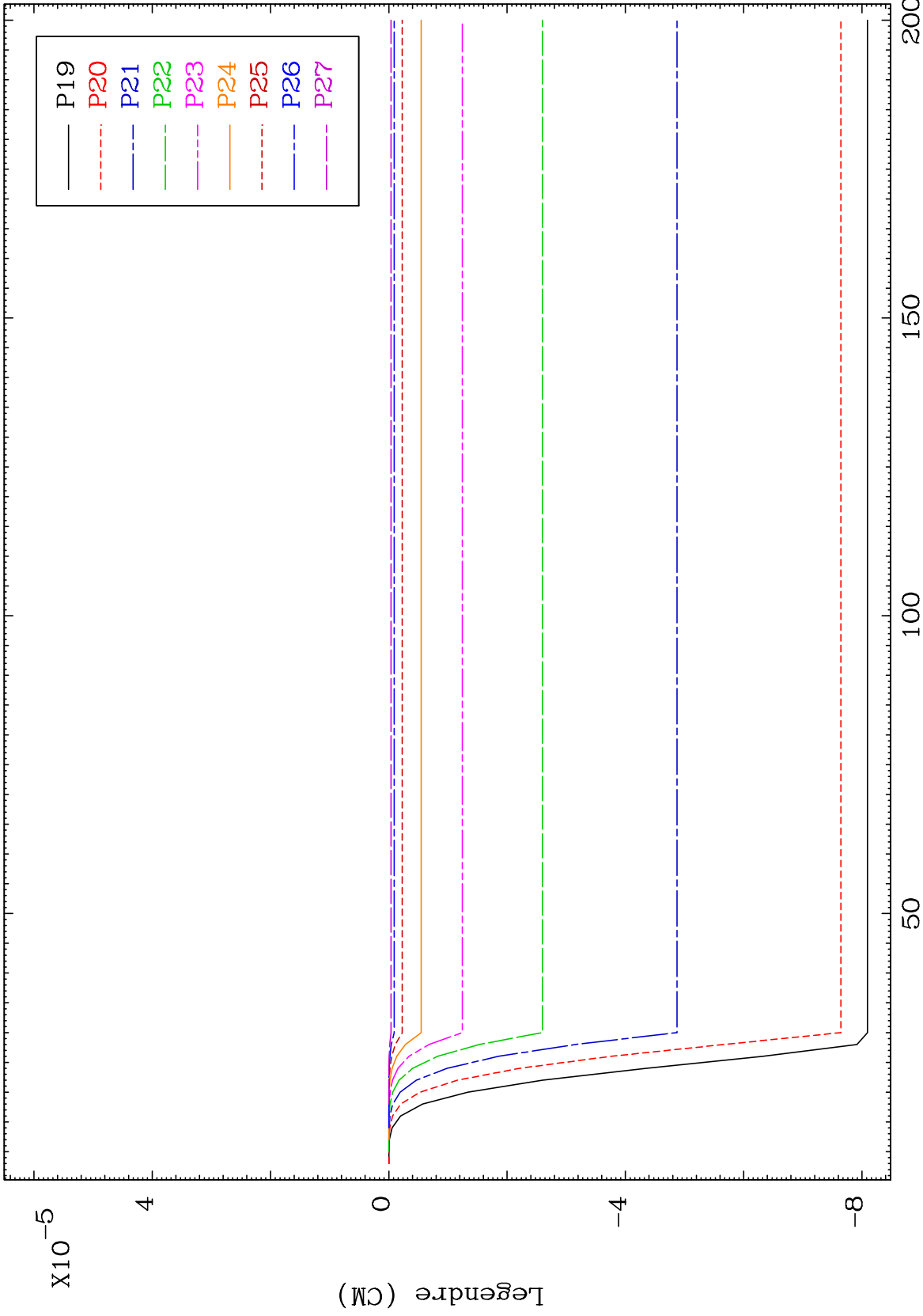
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



32

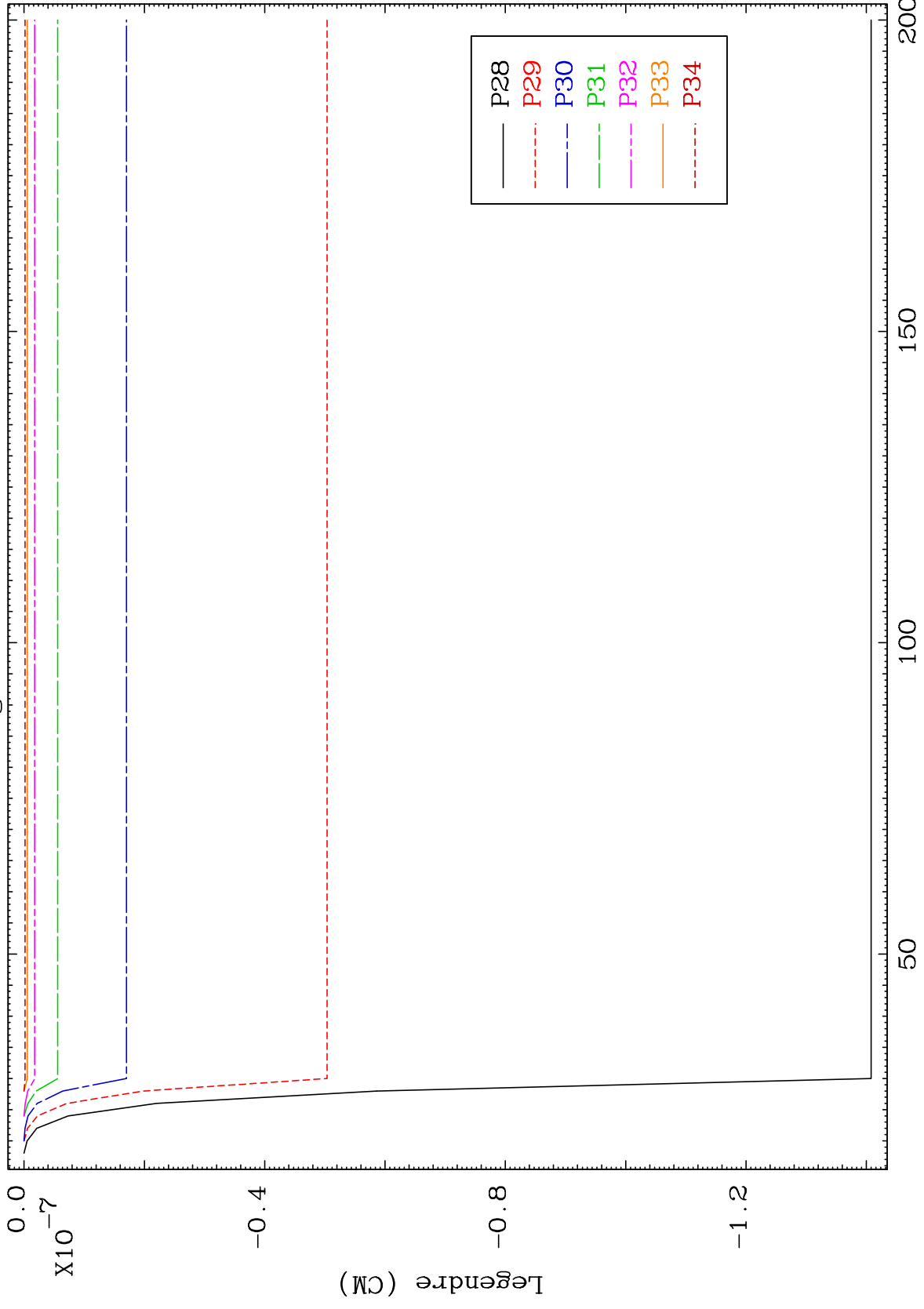
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



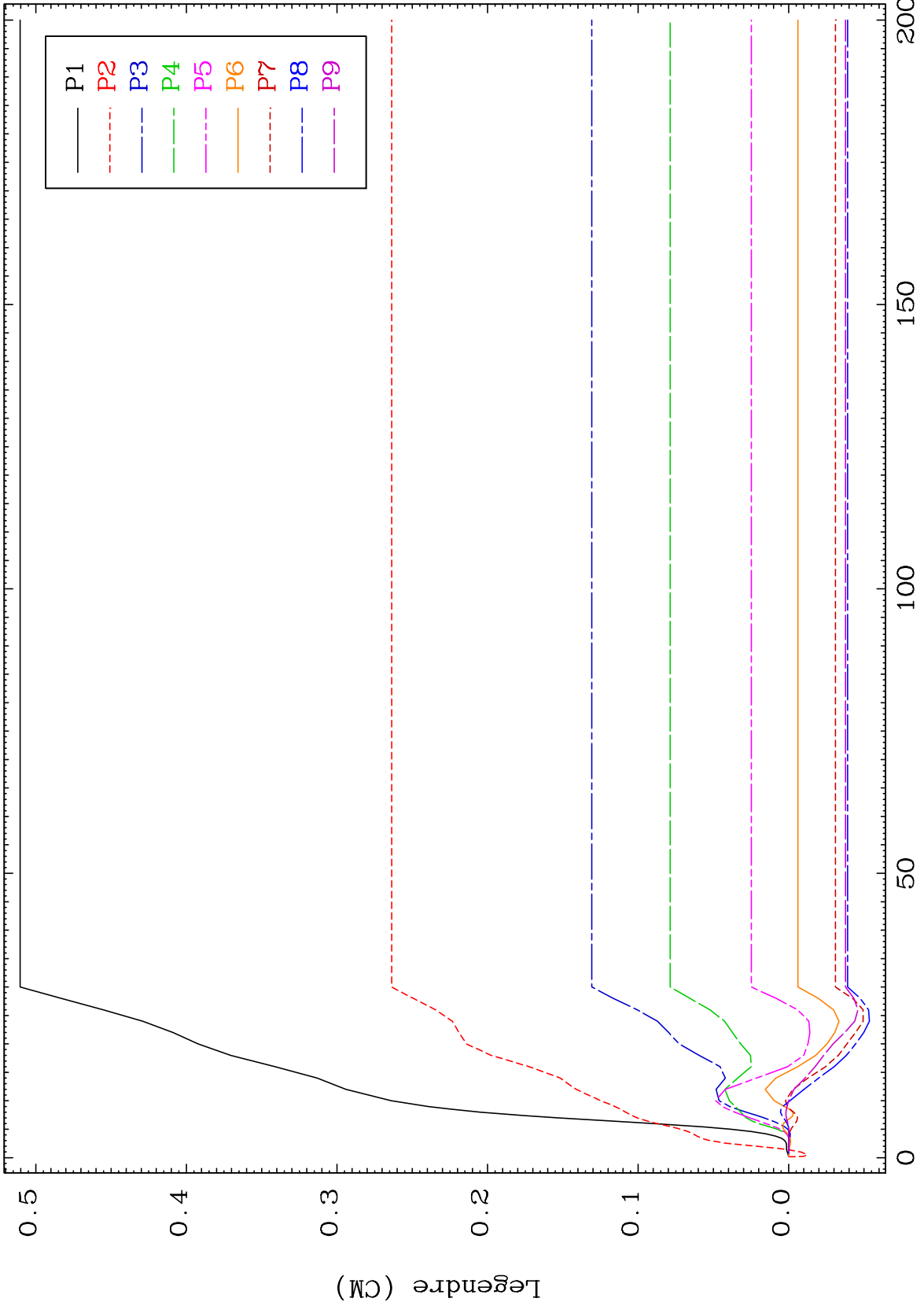
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38-Sr-81

MAT 3816

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

38-Sr-81



34

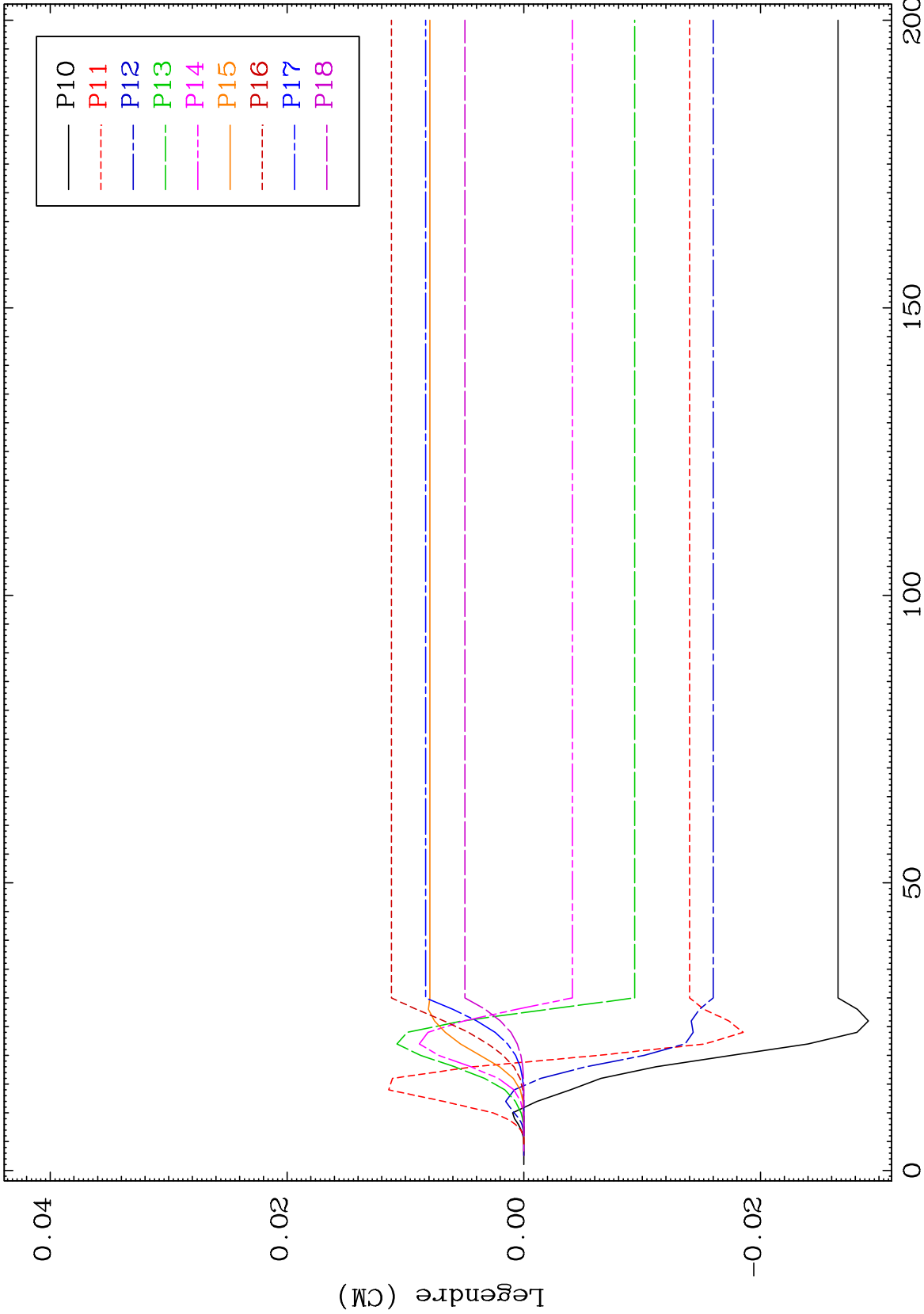
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



35

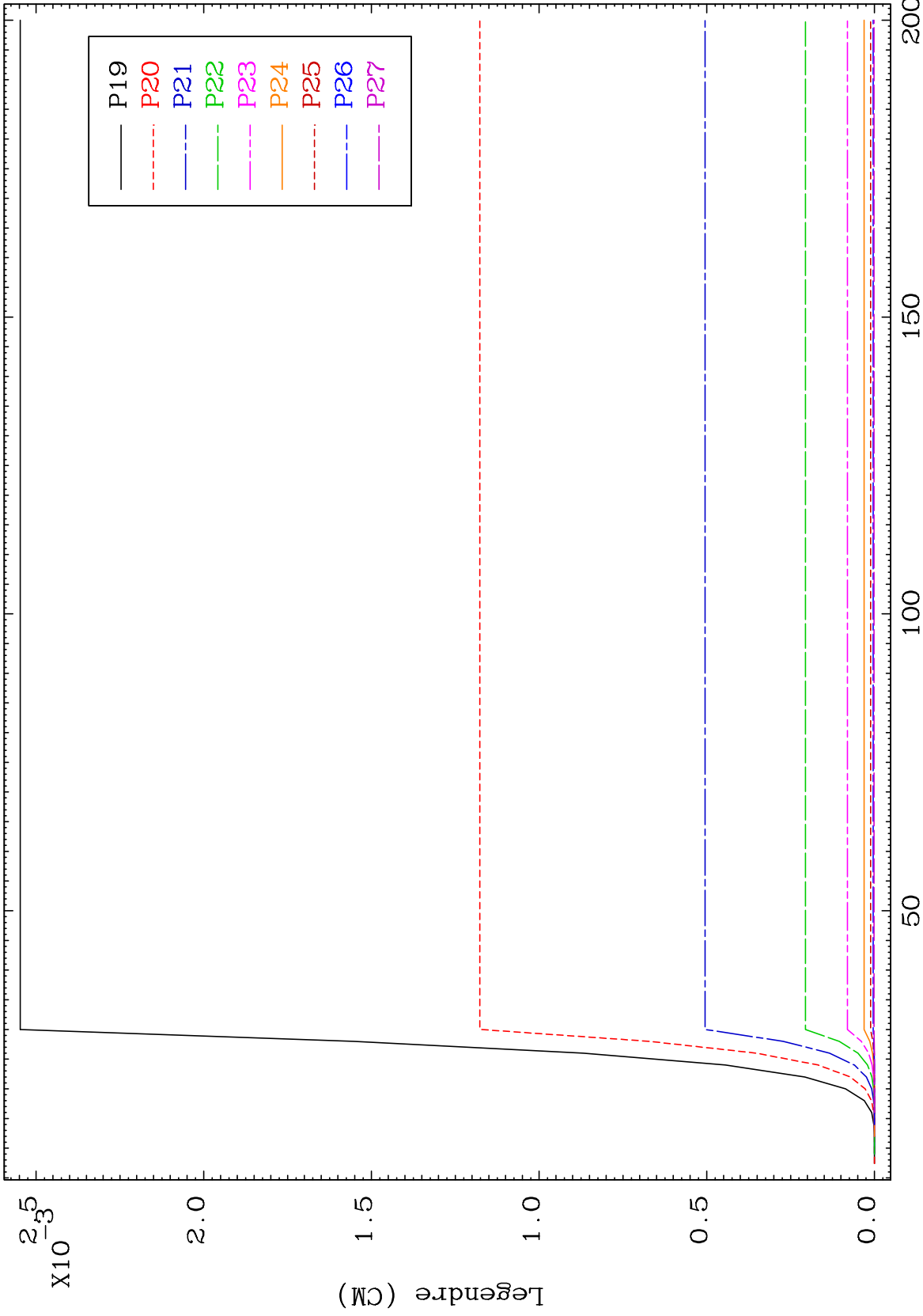
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



36

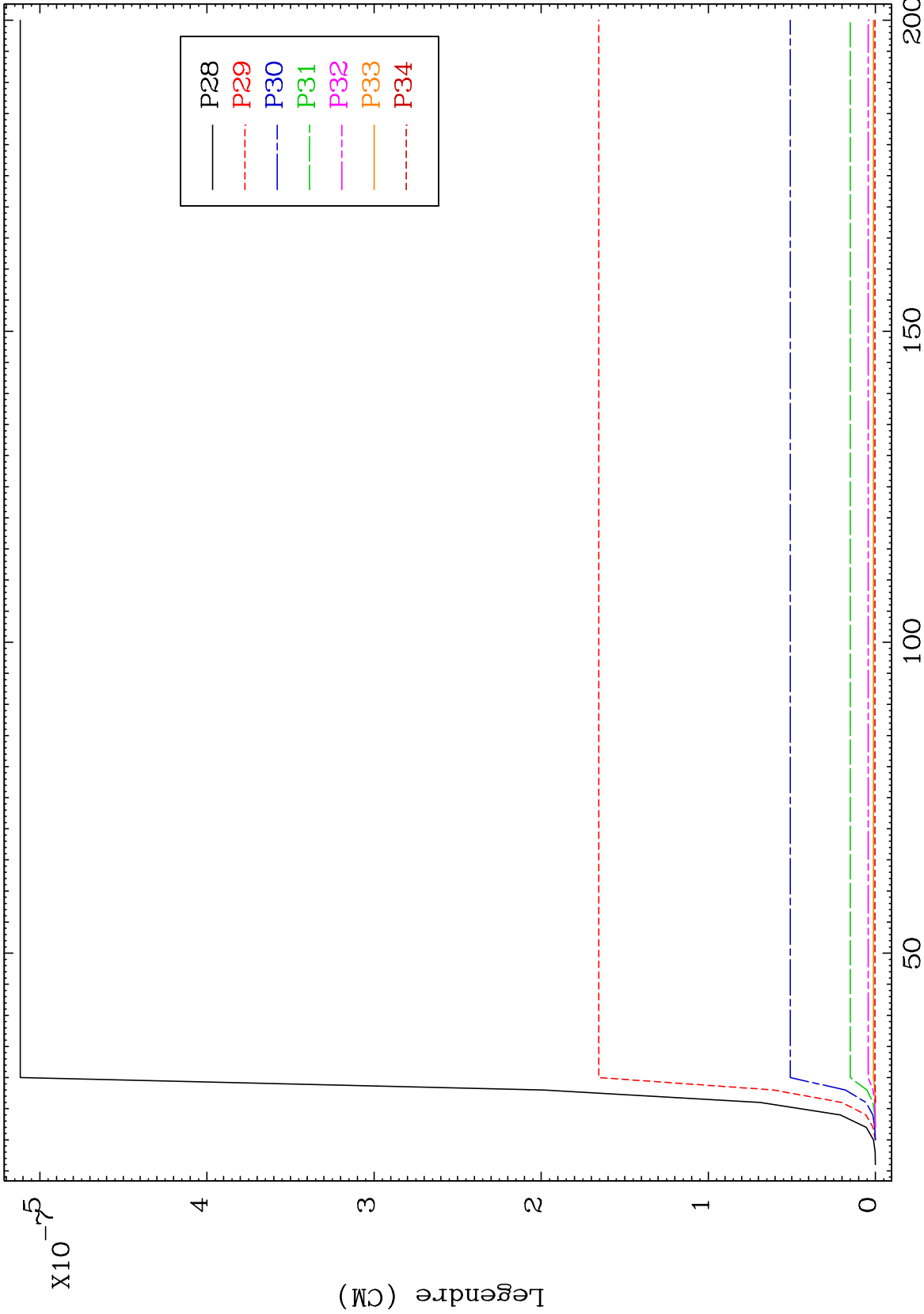
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

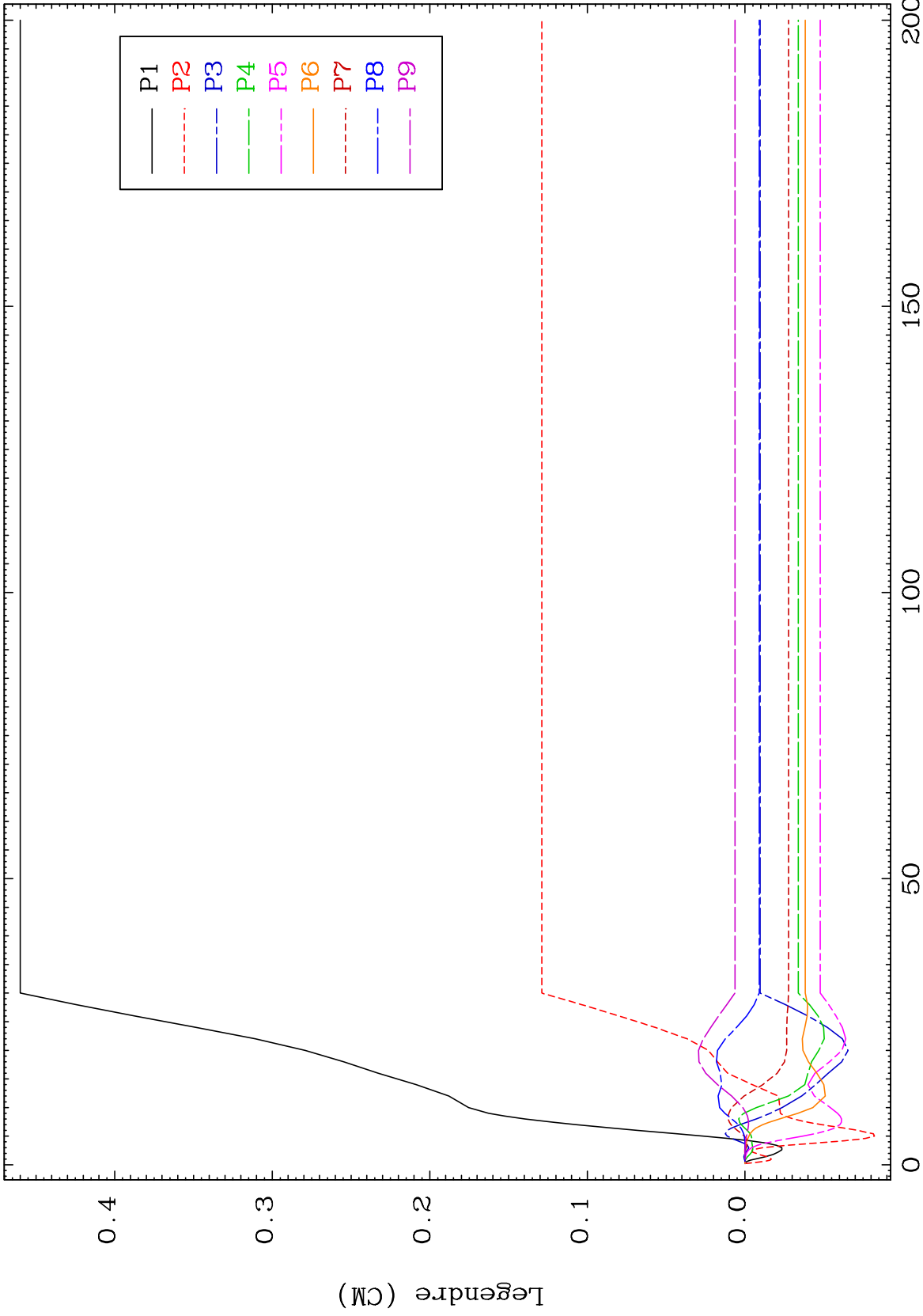
38-Sr-81



MAT 3816

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

38-Sr-81

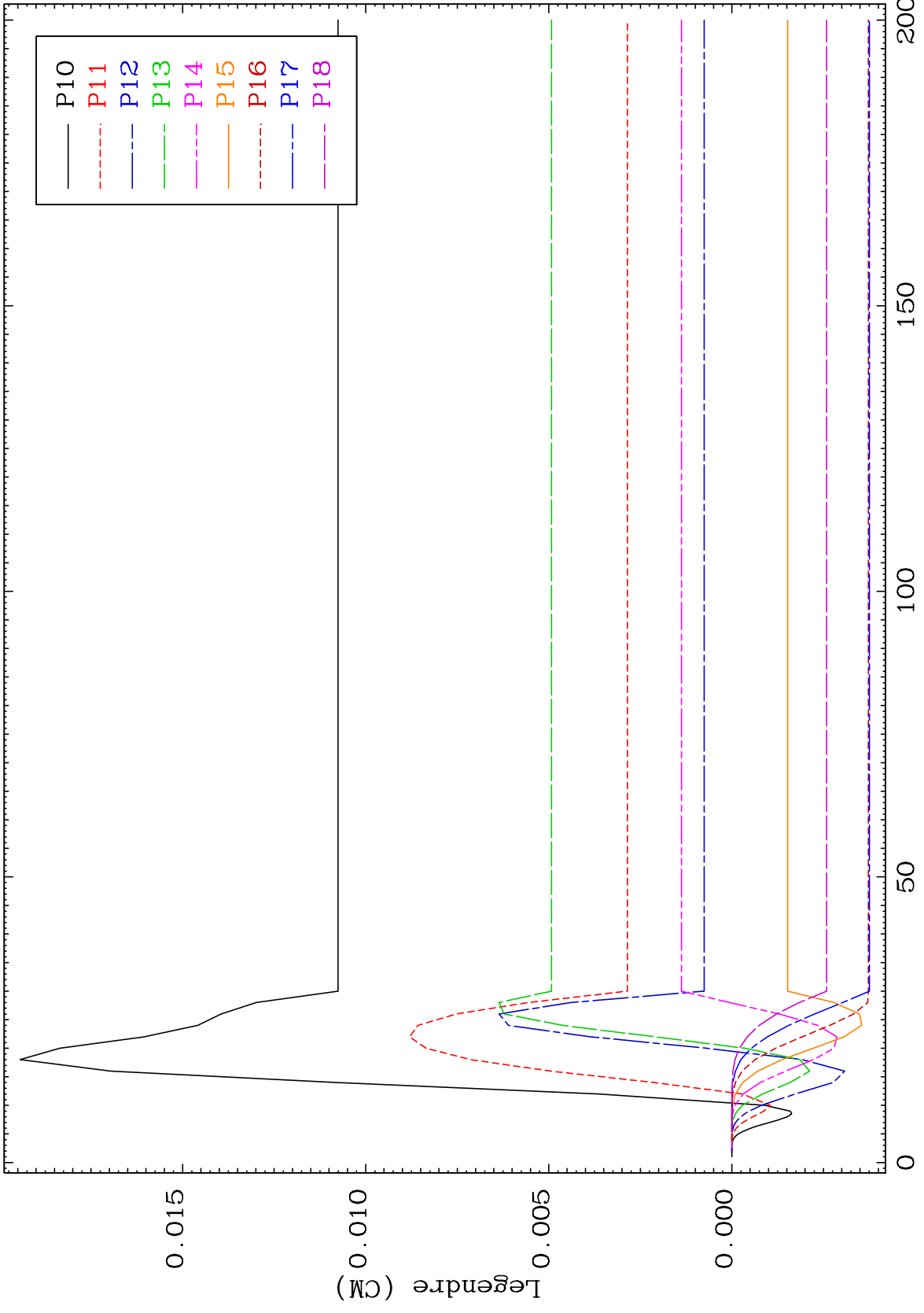


38

Incident Energy (MeV)

38-Sr-81

MAT 3816 MT= 56 (n,n') Level Legendre Coefficients 38-Sr-81

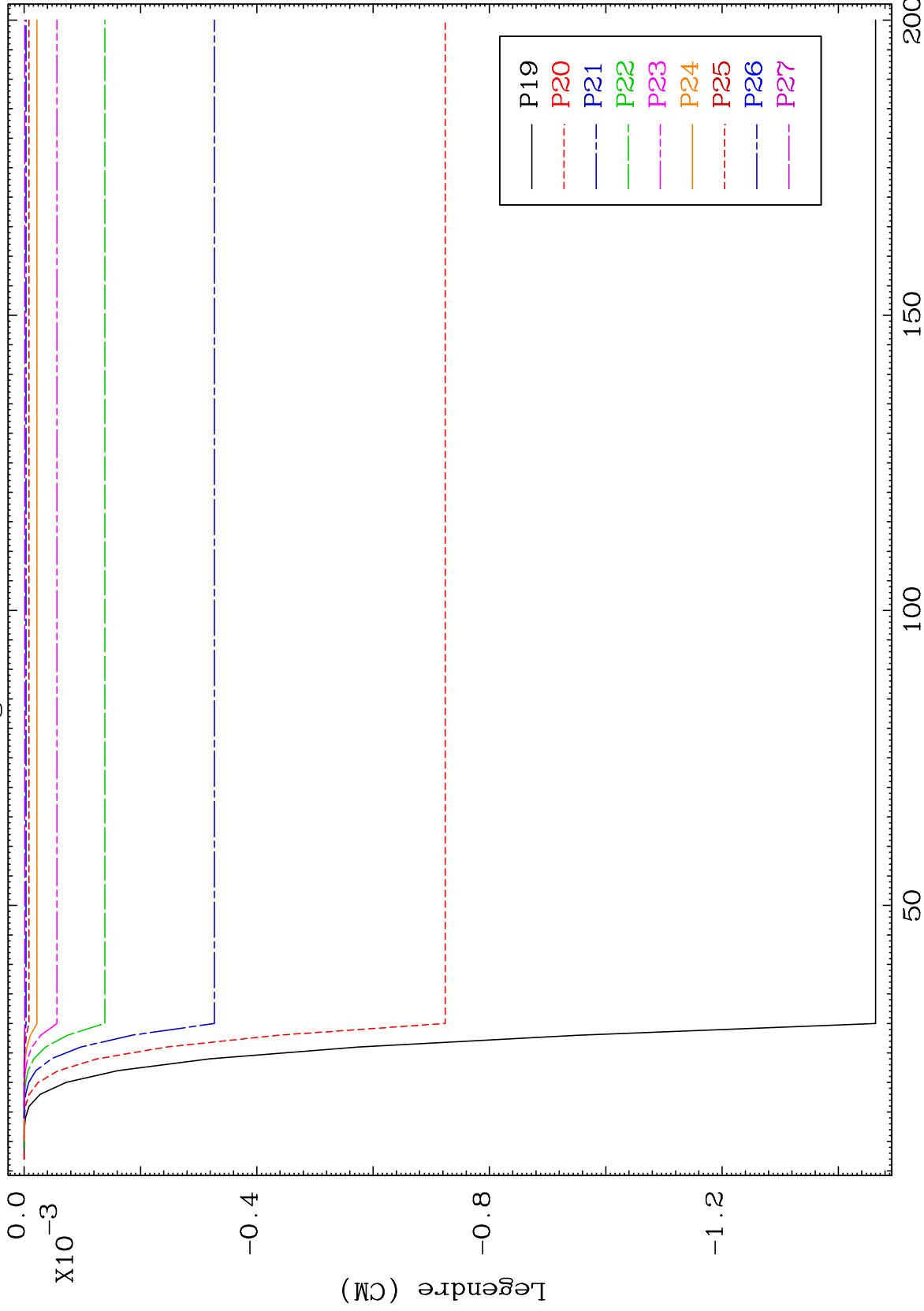


39 Incident Energy (MeV) 38-Sr-81

MAT 3816

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

38-Sr-81

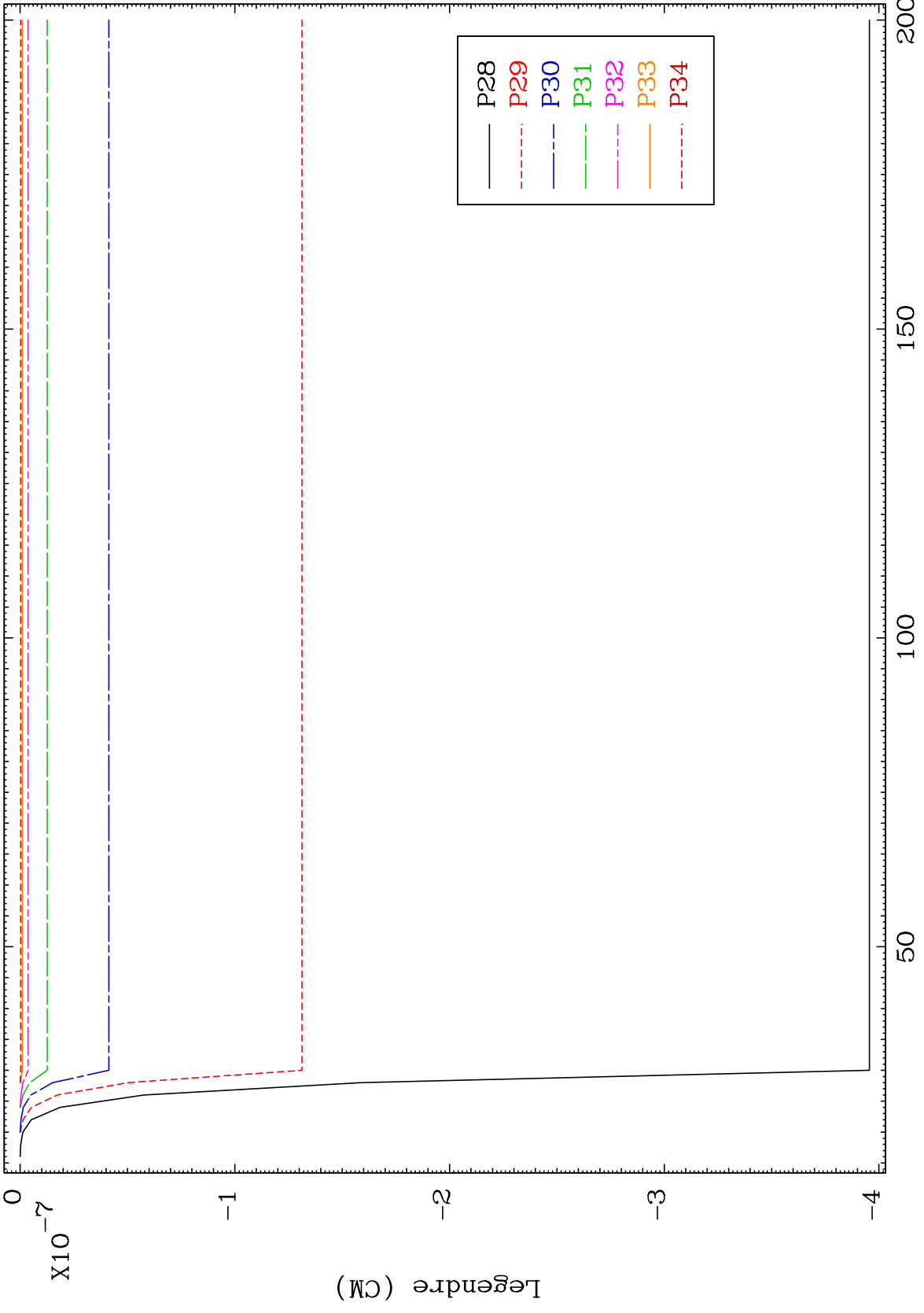


38-Sr-81

Incident Energy (MeV)

40

MAT 3816 MT= 56 (n,n') Level Legendre Coefficients 38-Sr-81

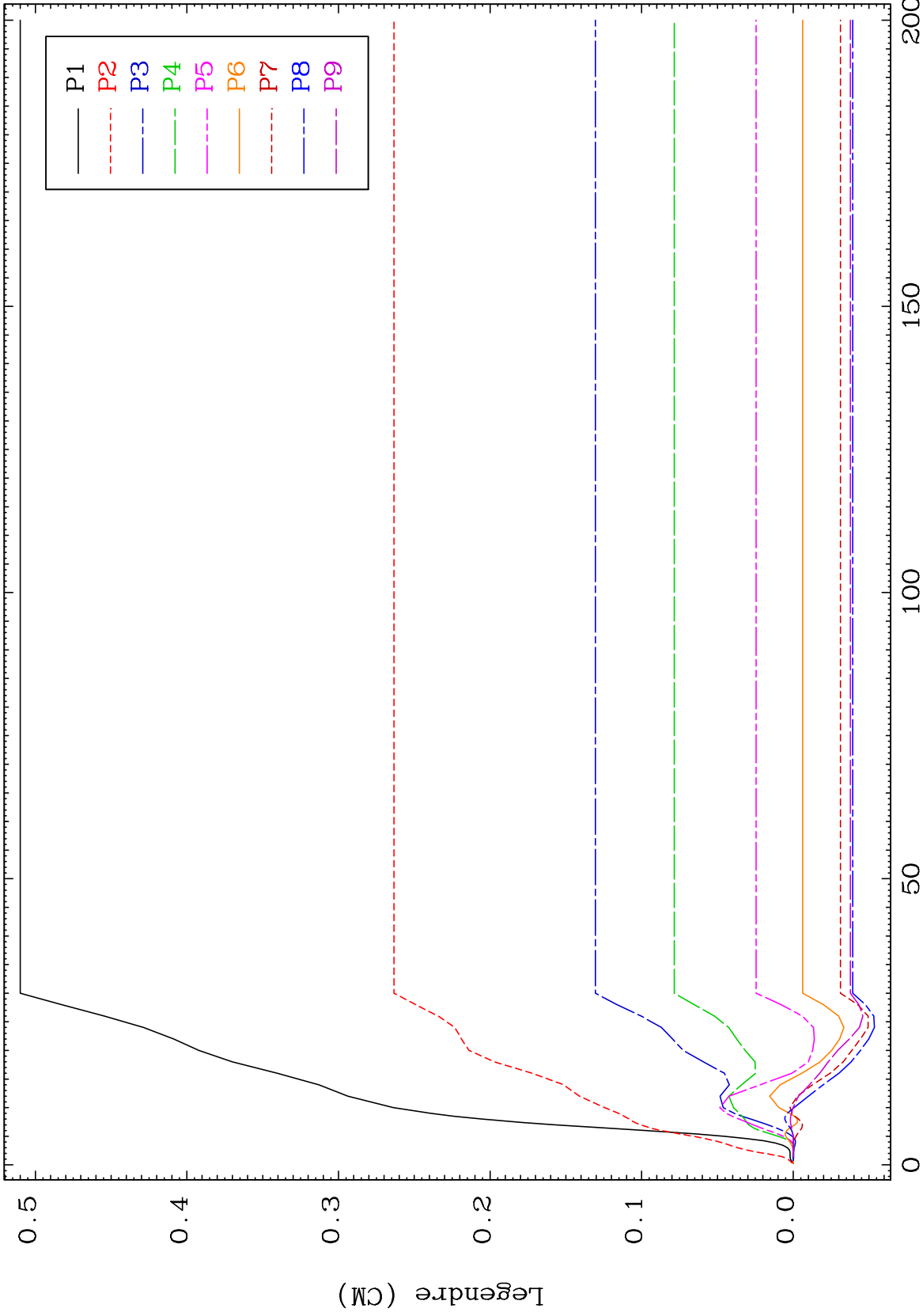


41 38-Sr-81

MAT 3816

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

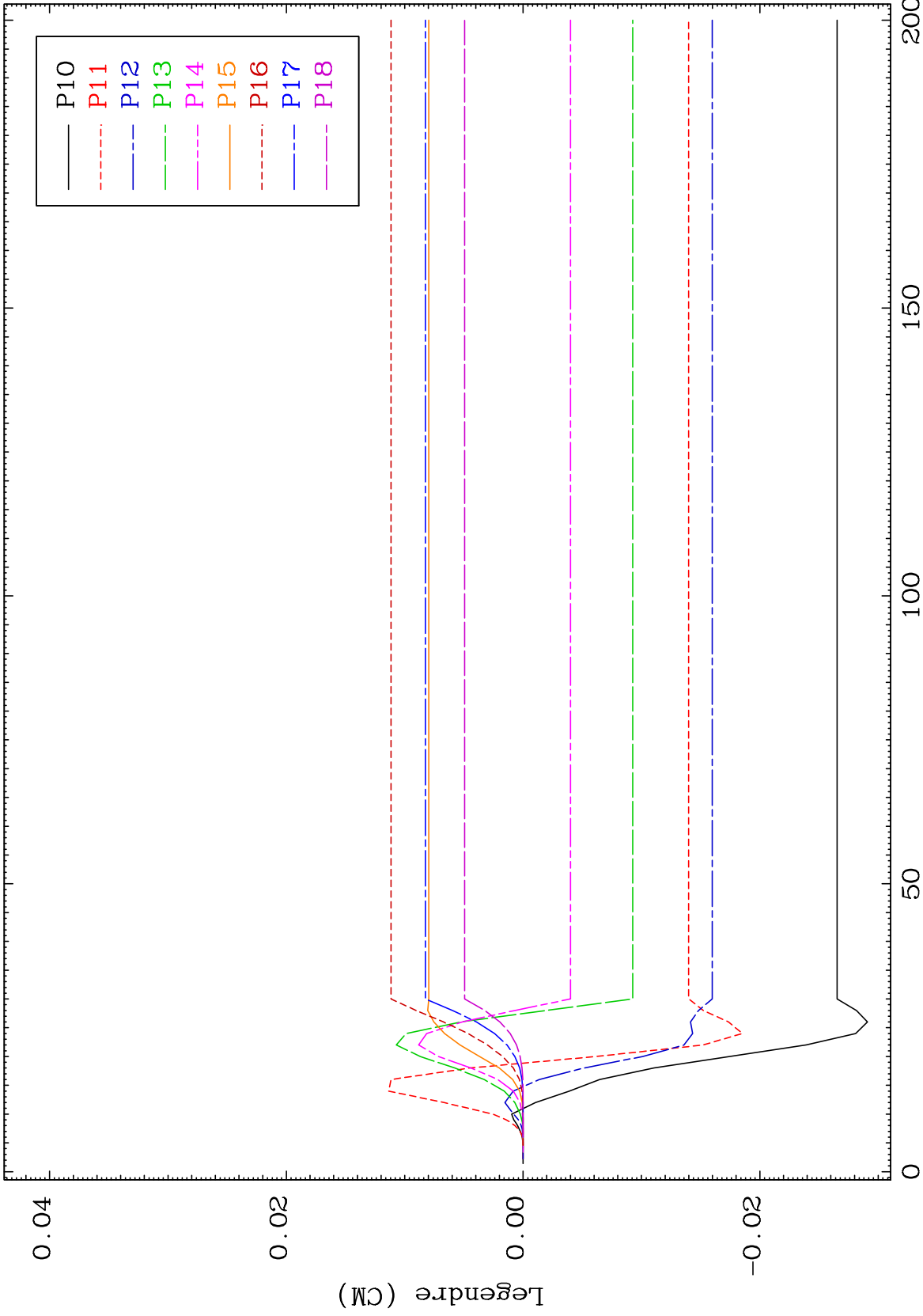
38-Sr-81



MAT 3816

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

38-Sr-81



43

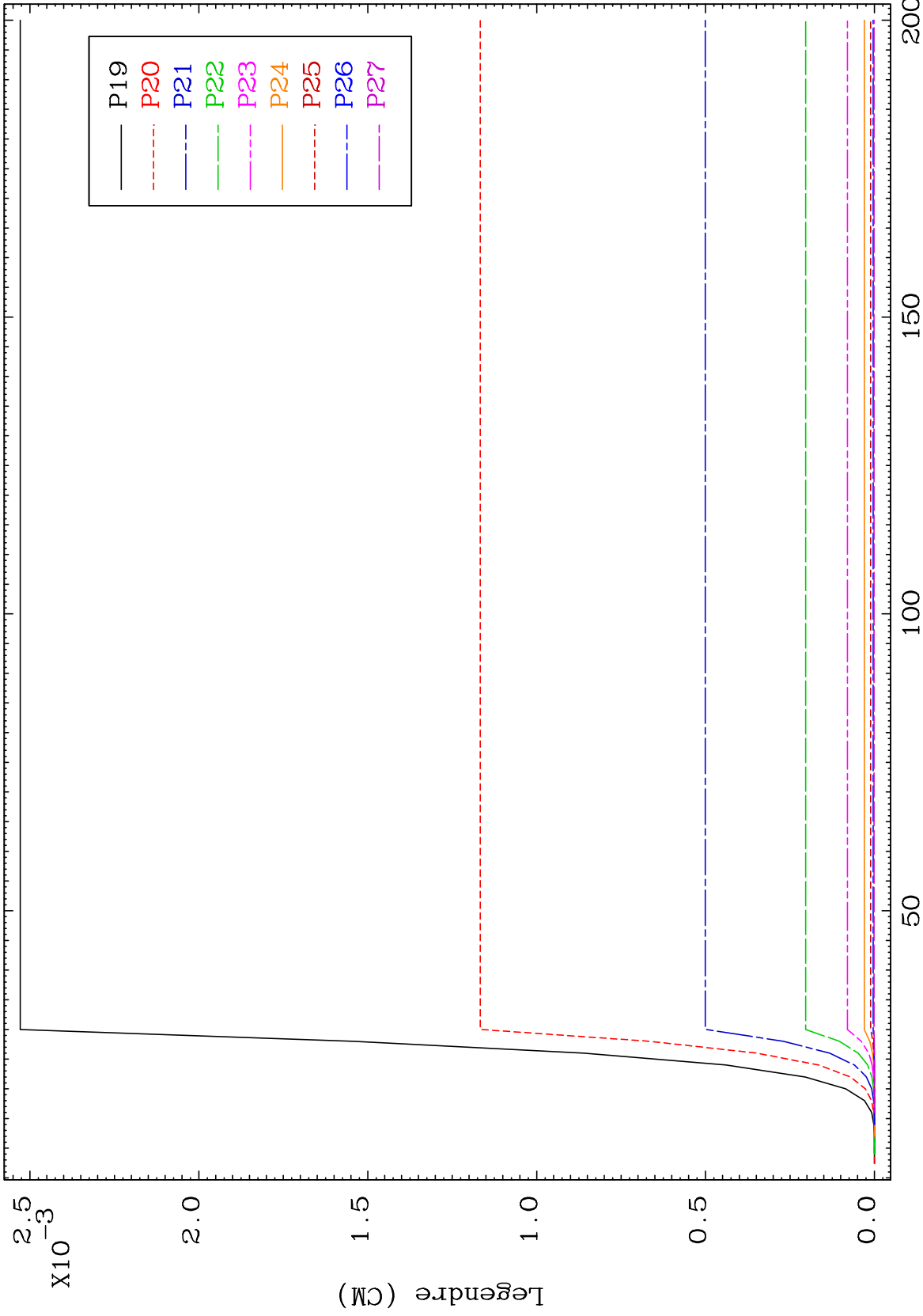
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



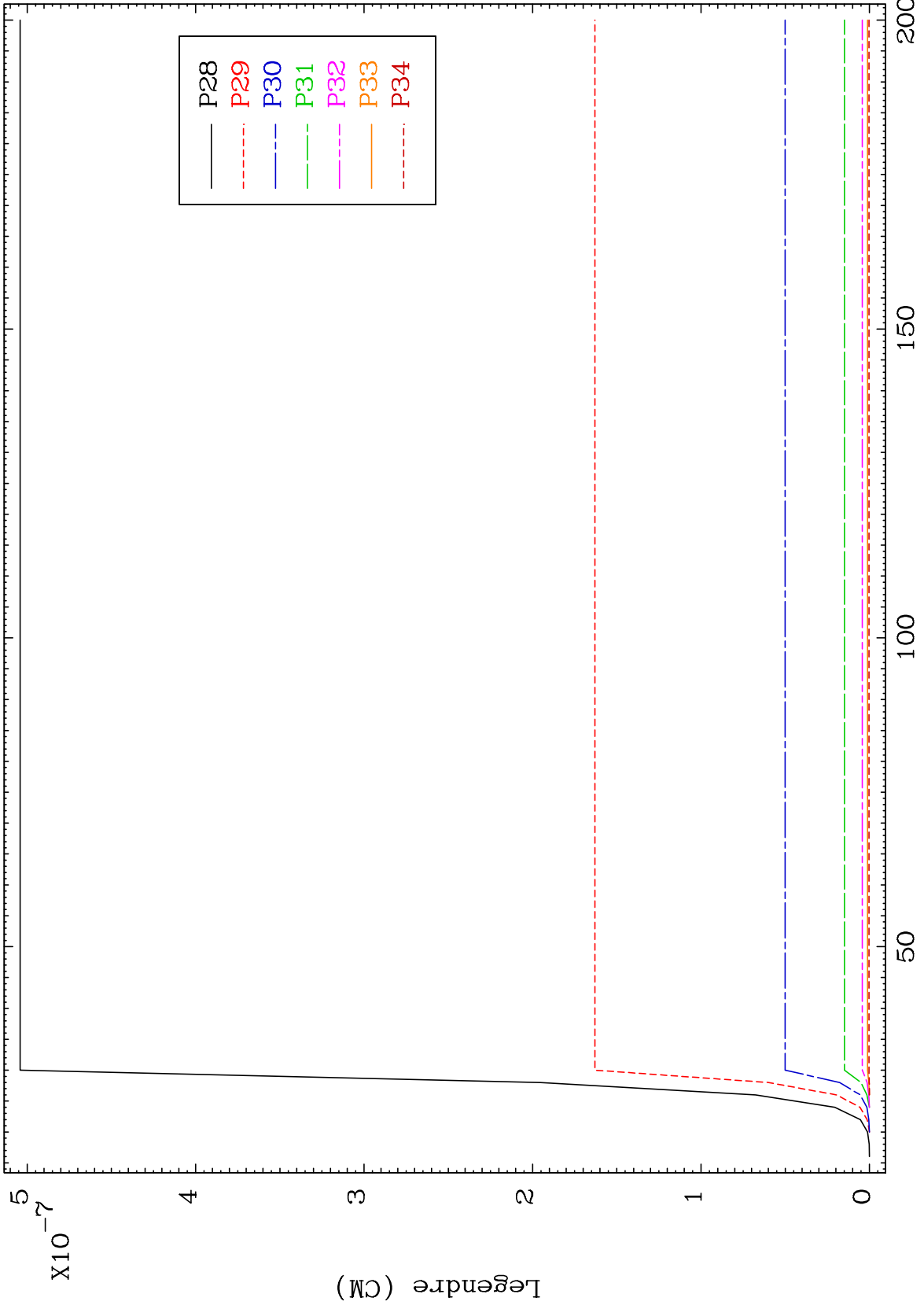
44

38-Sr-81

MAT 3816

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

38-Sr-81



45

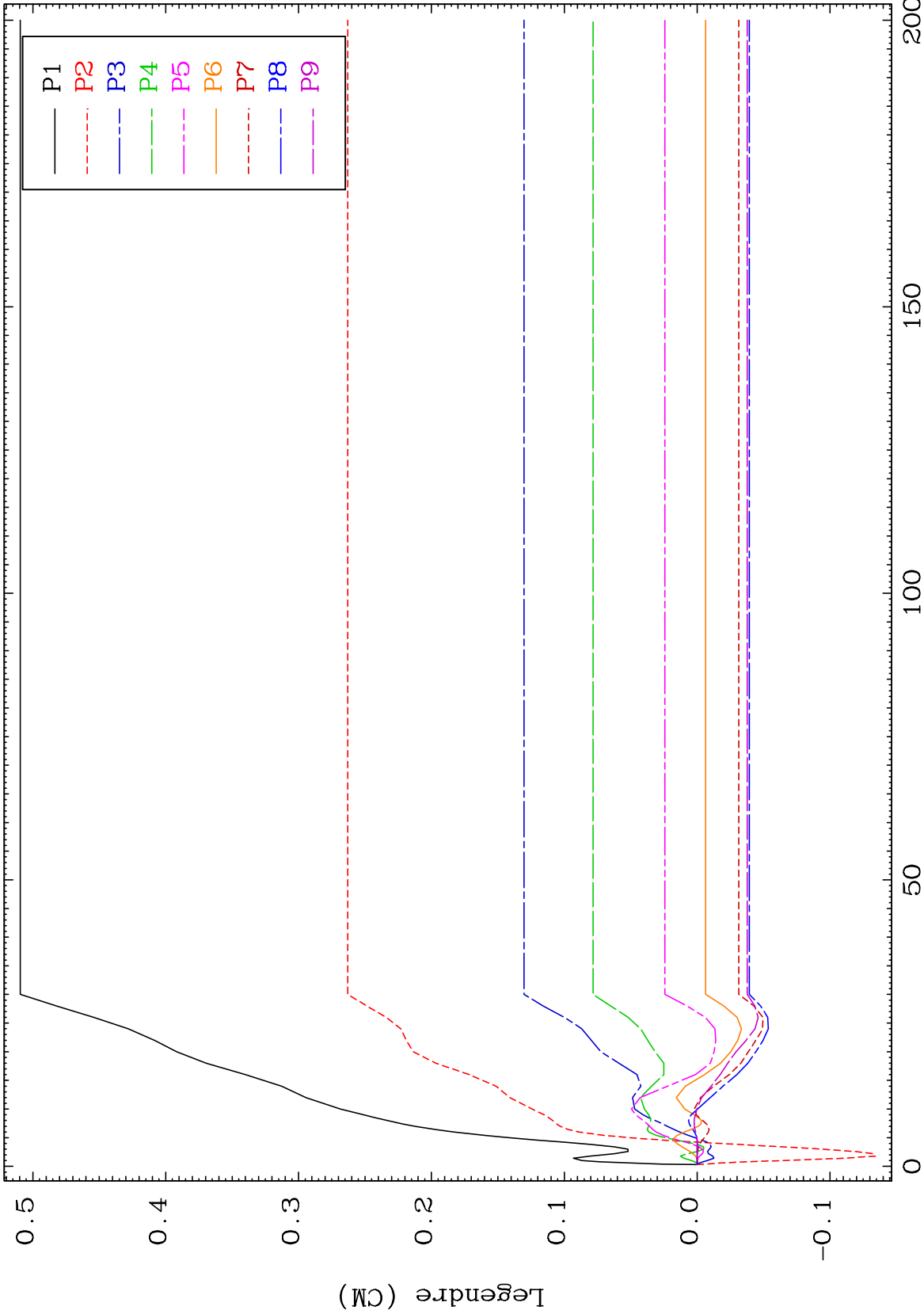
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



46

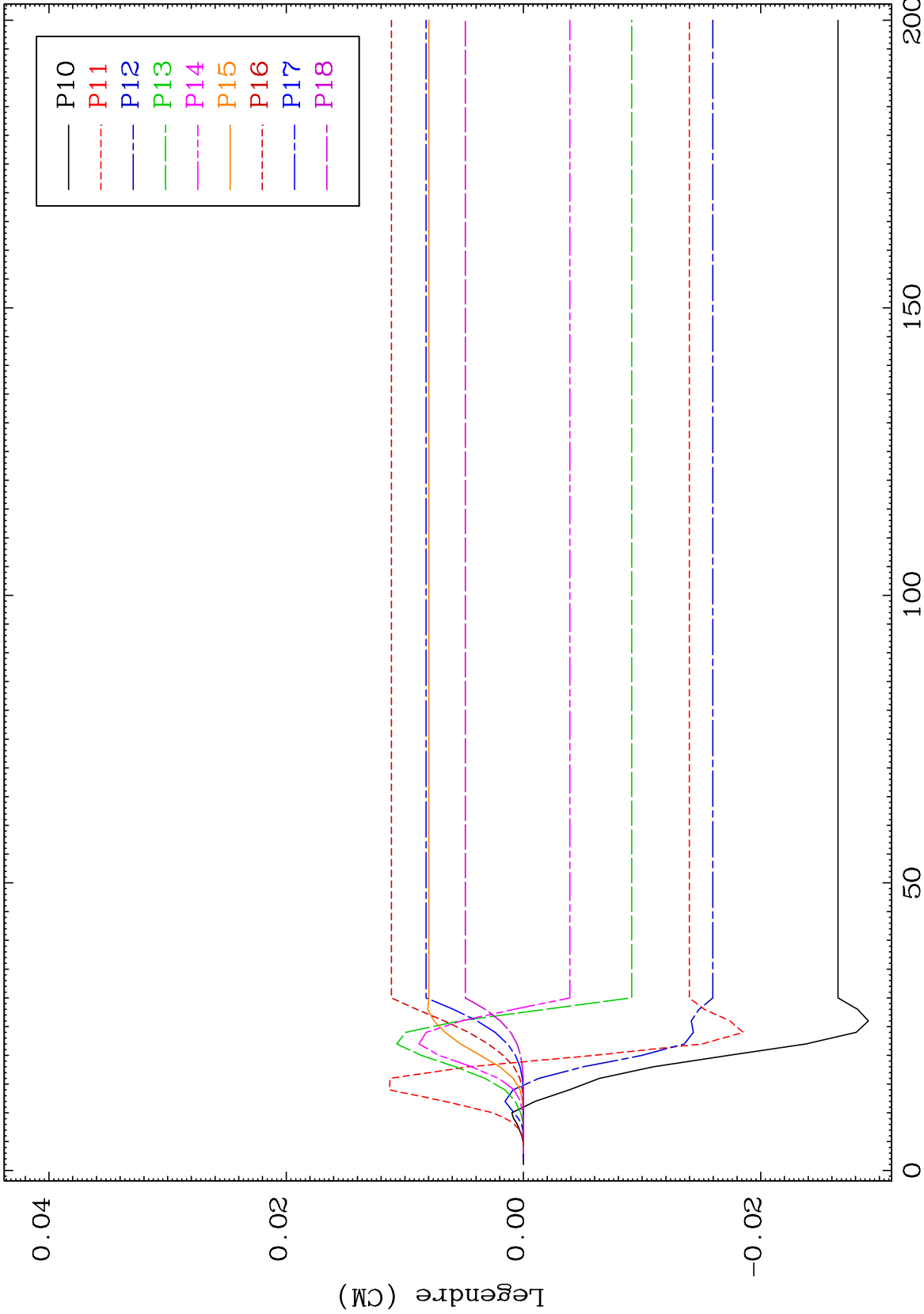
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



47

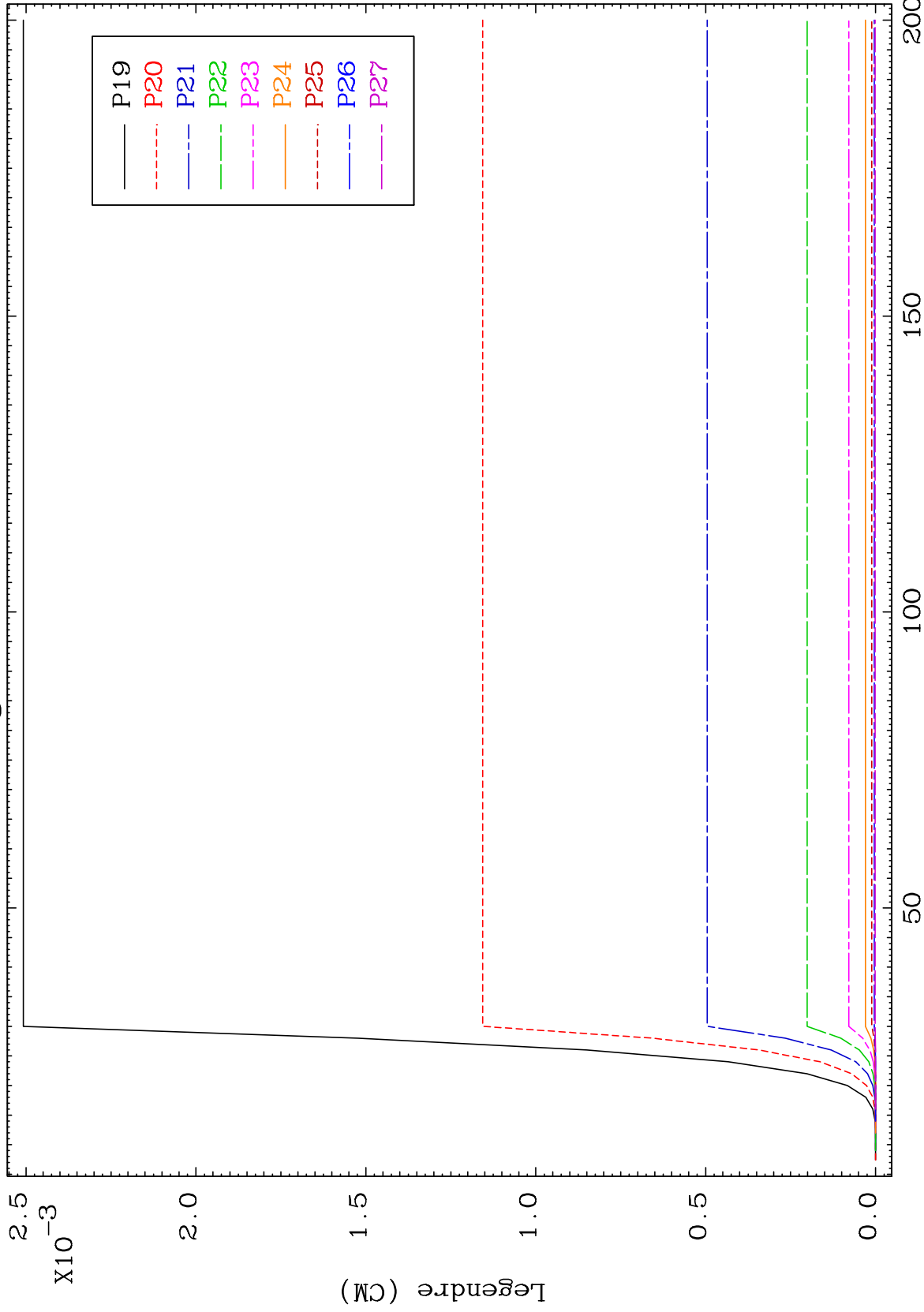
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



48

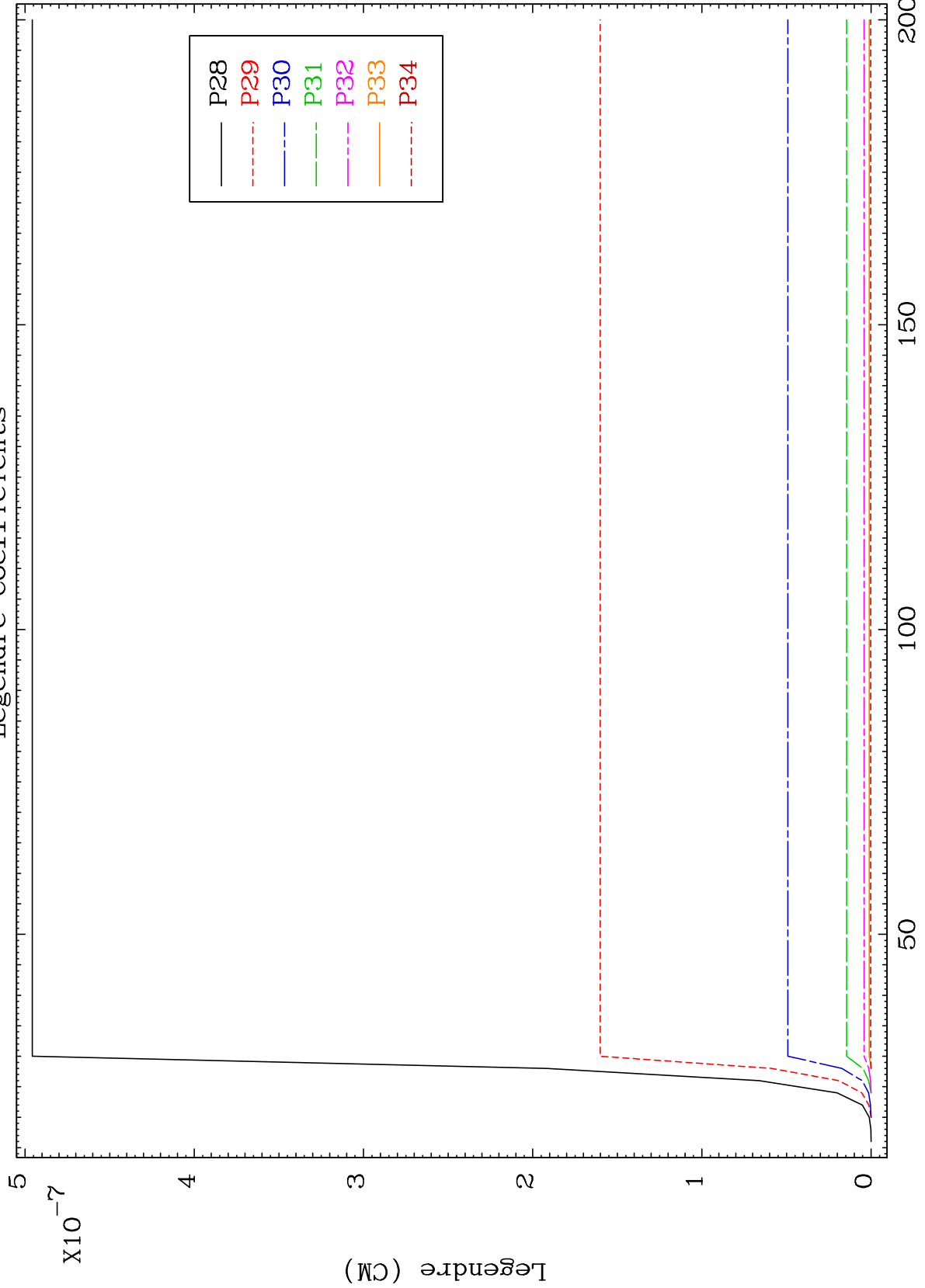
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



49

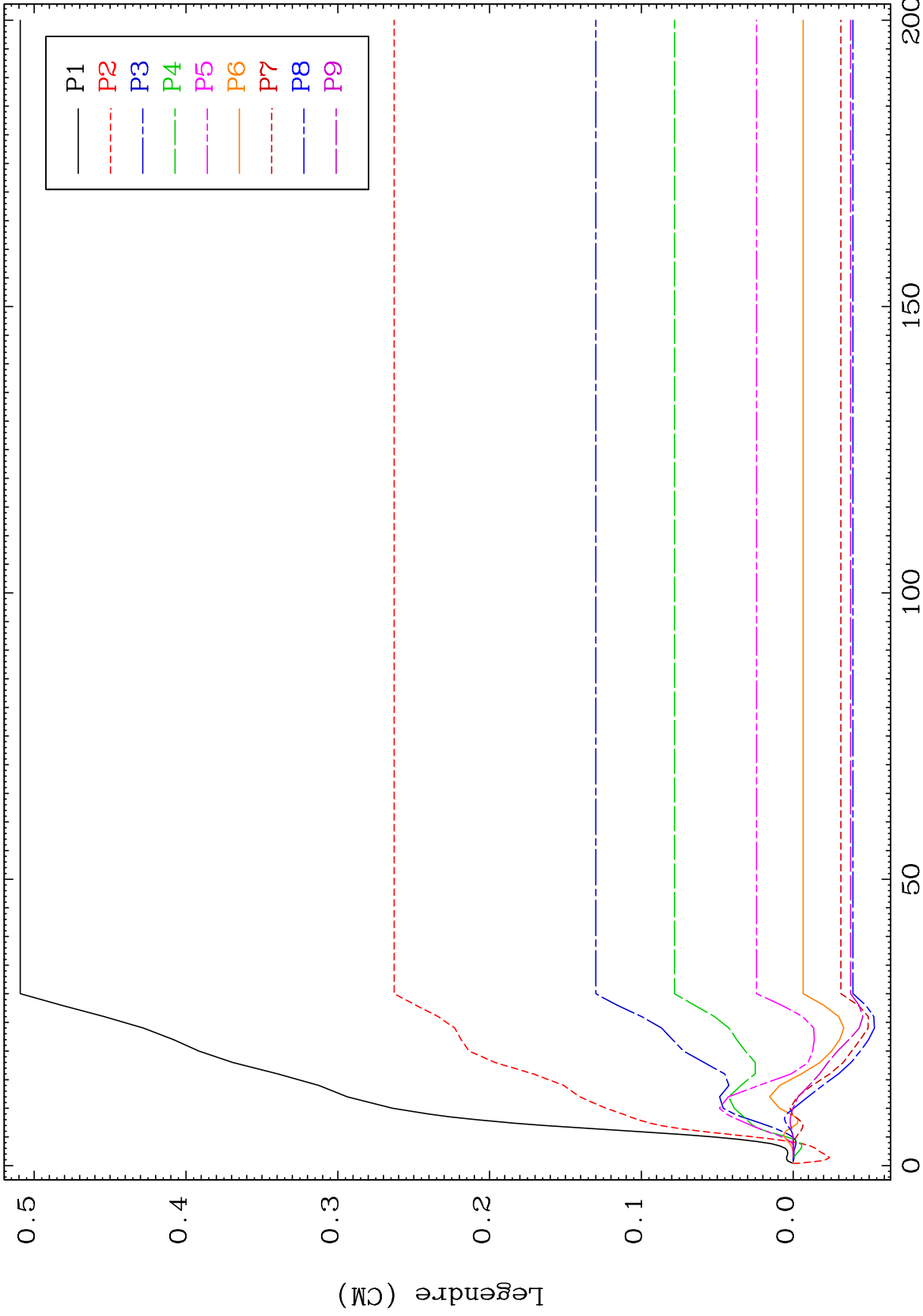
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

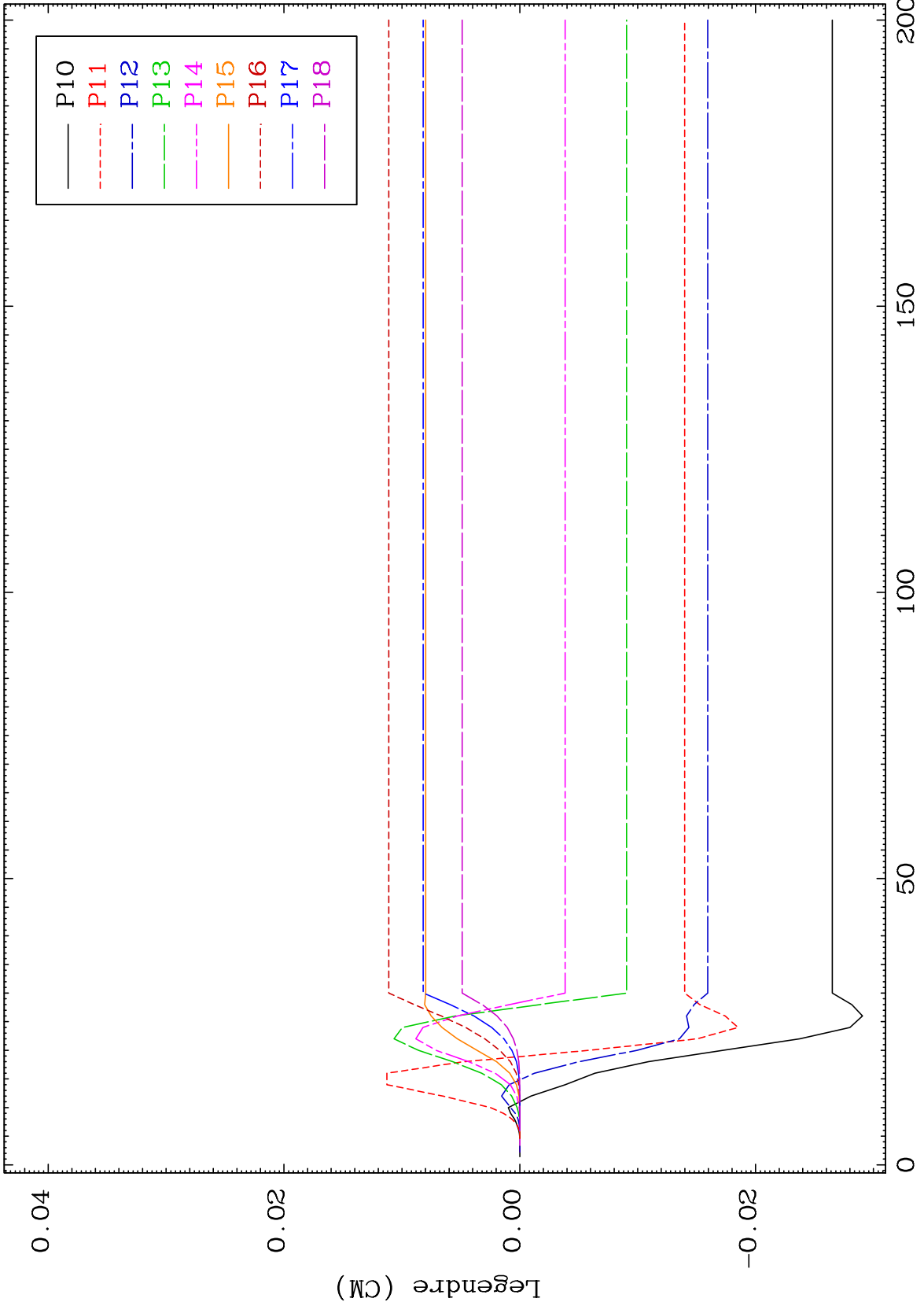
Incident Energy (MeV)

50

MAT 3816

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

38-Sr-81



51

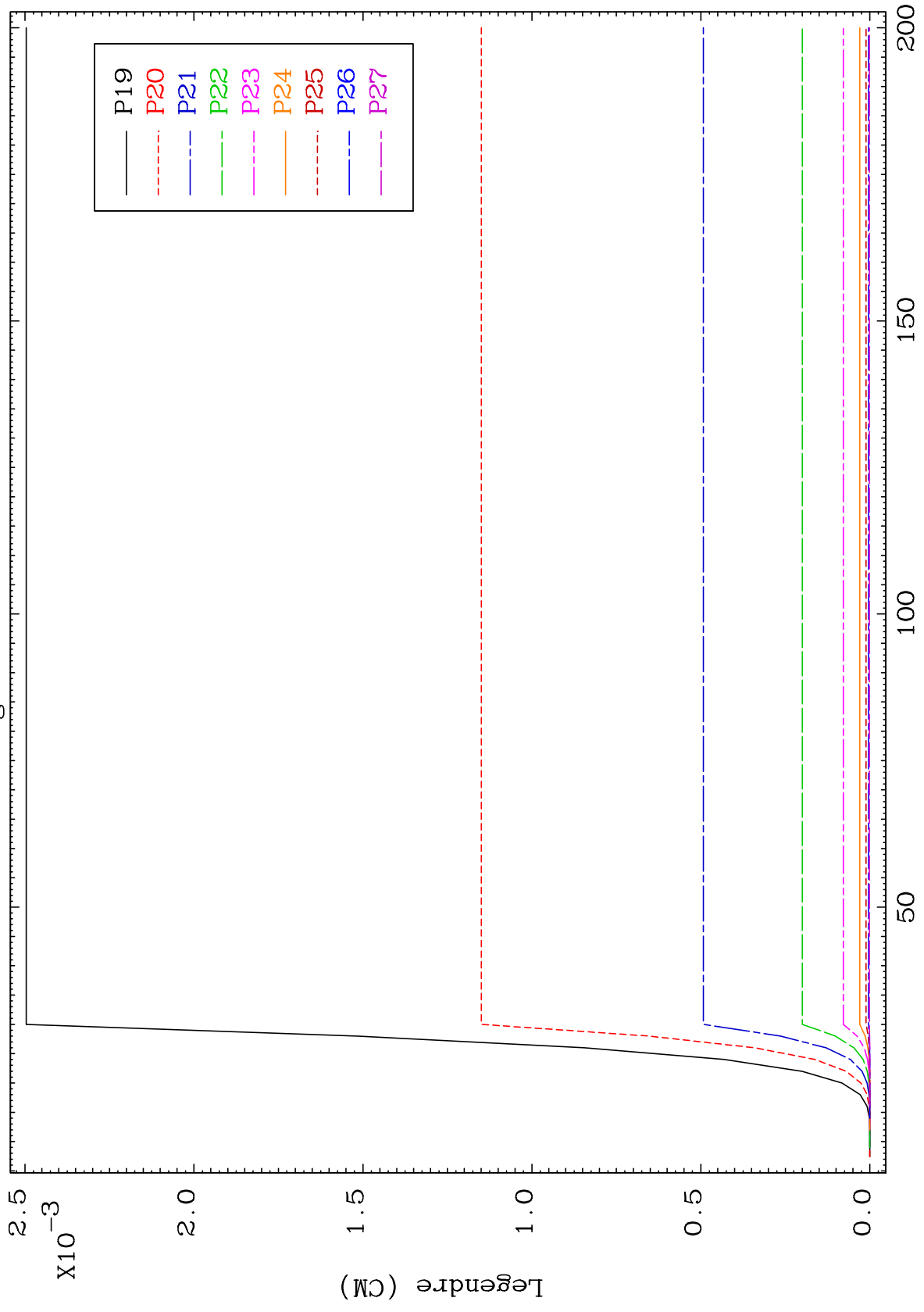
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



52

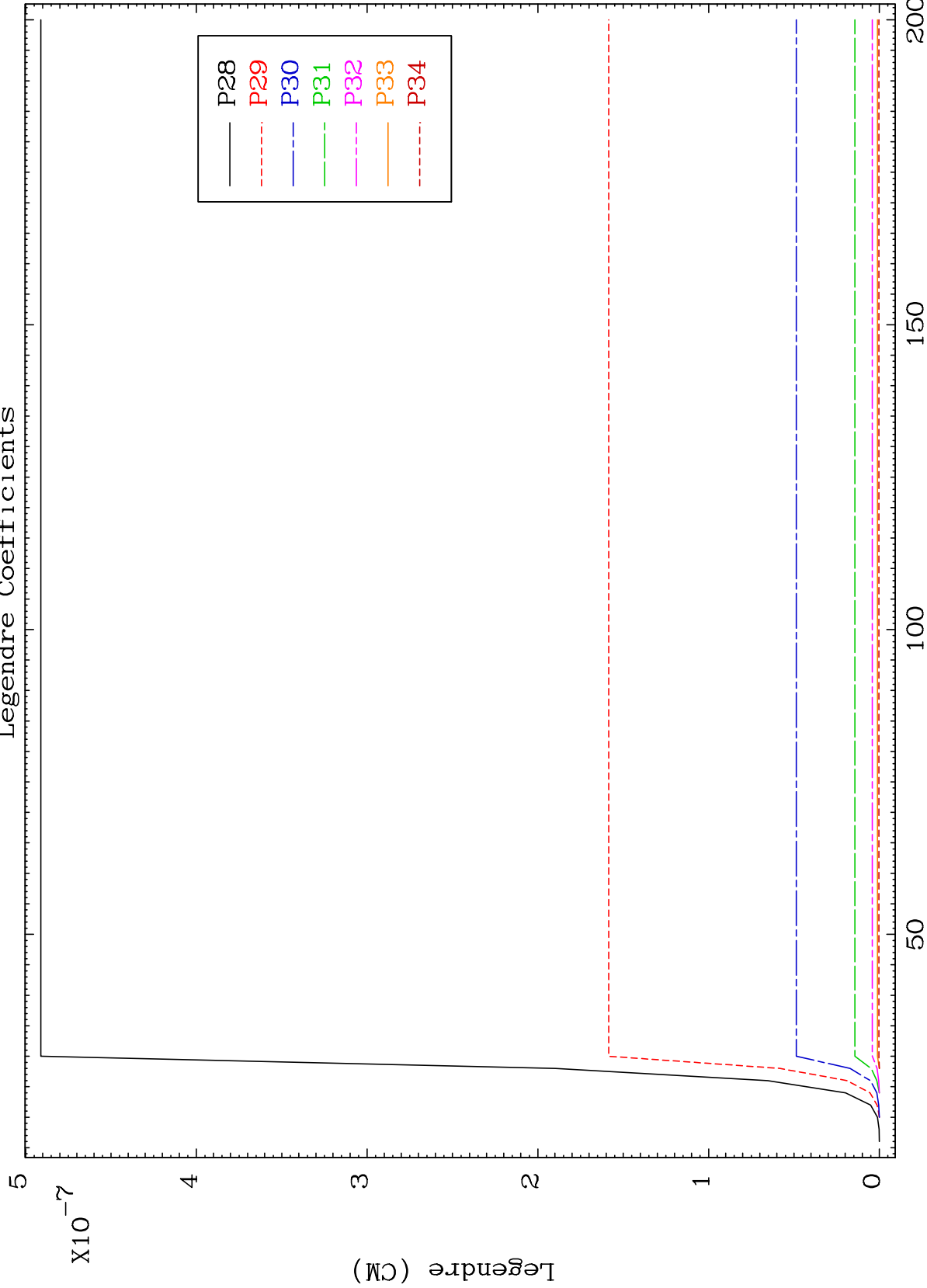
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



53

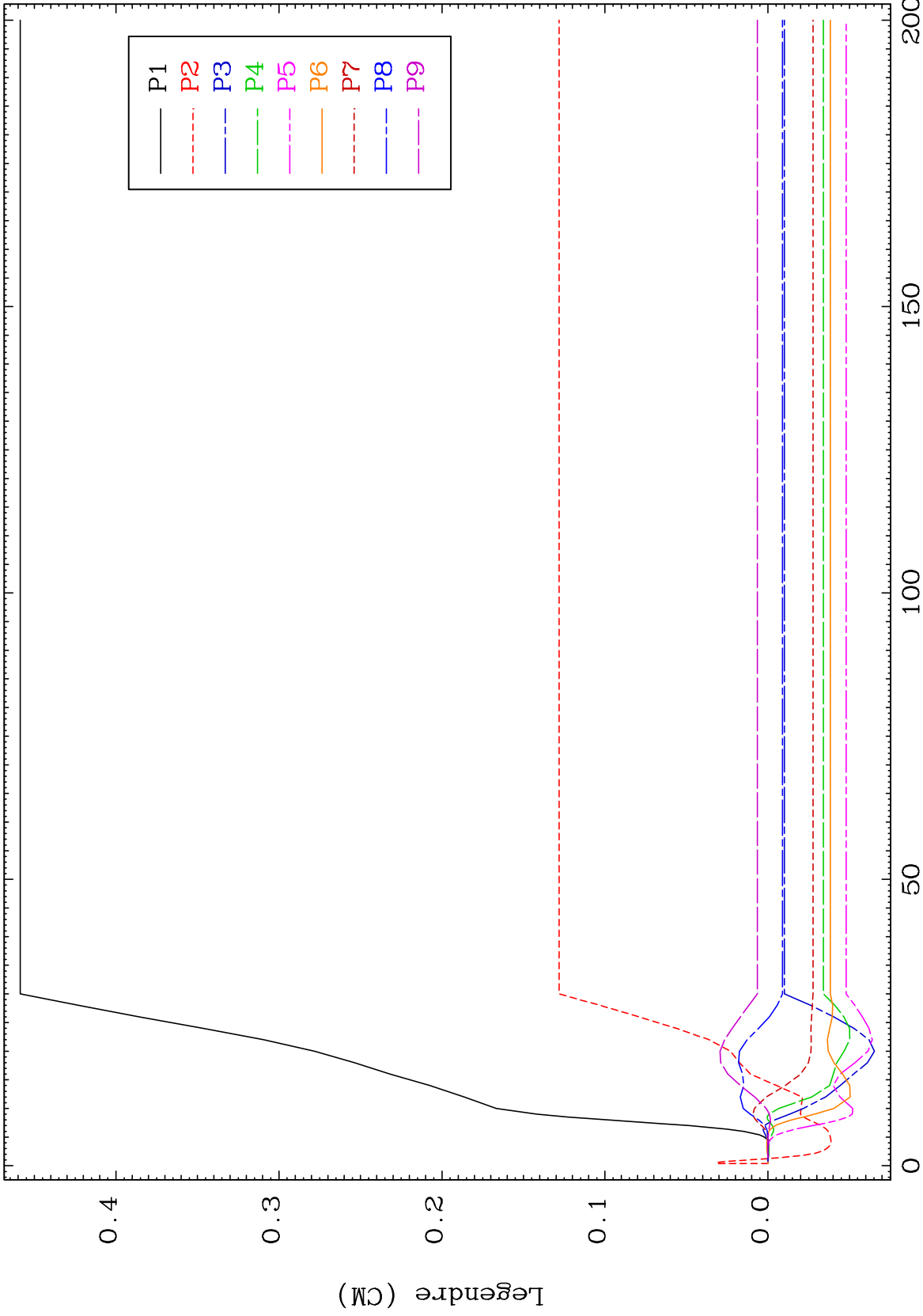
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

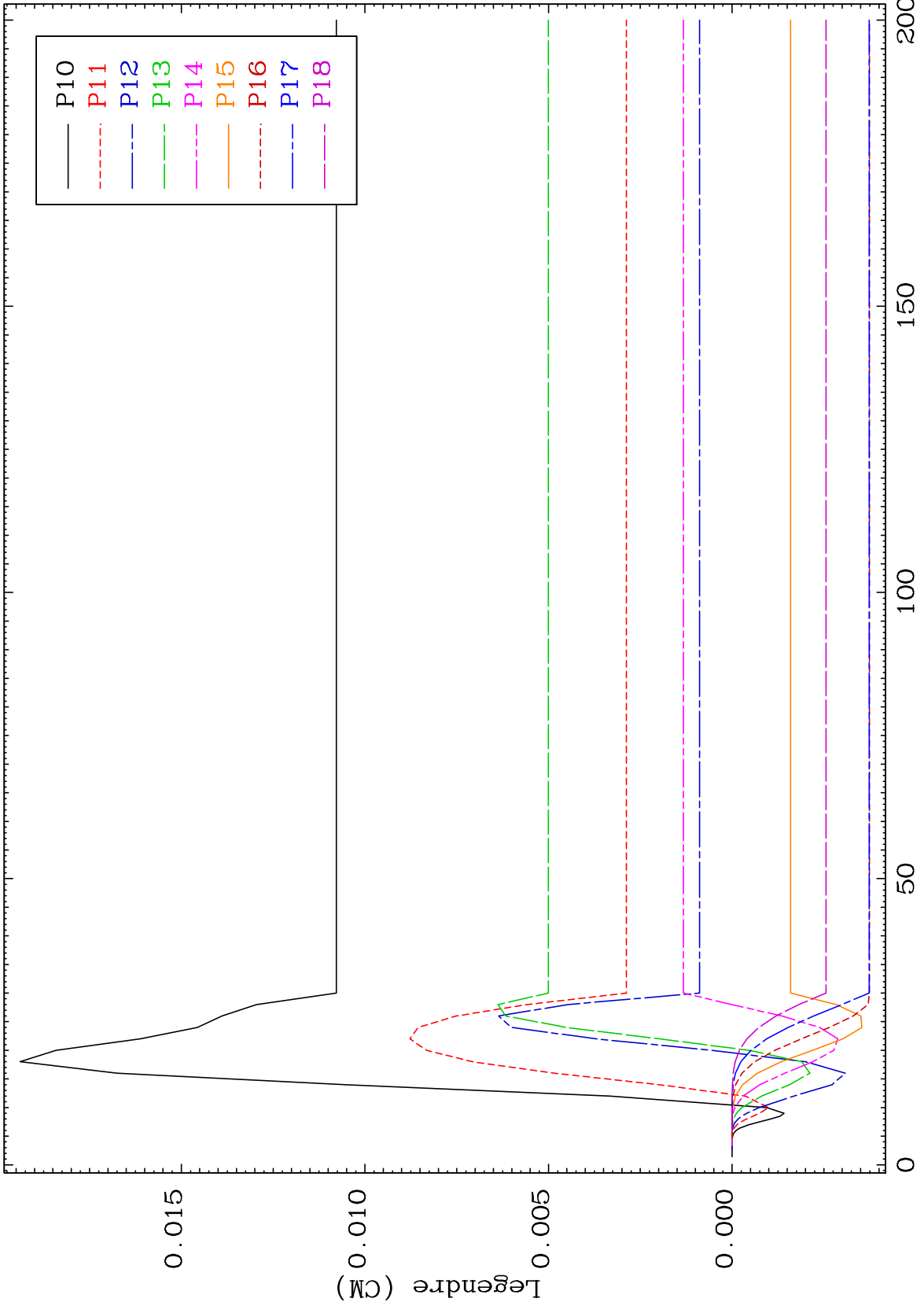


54

Incident Energy (MeV)

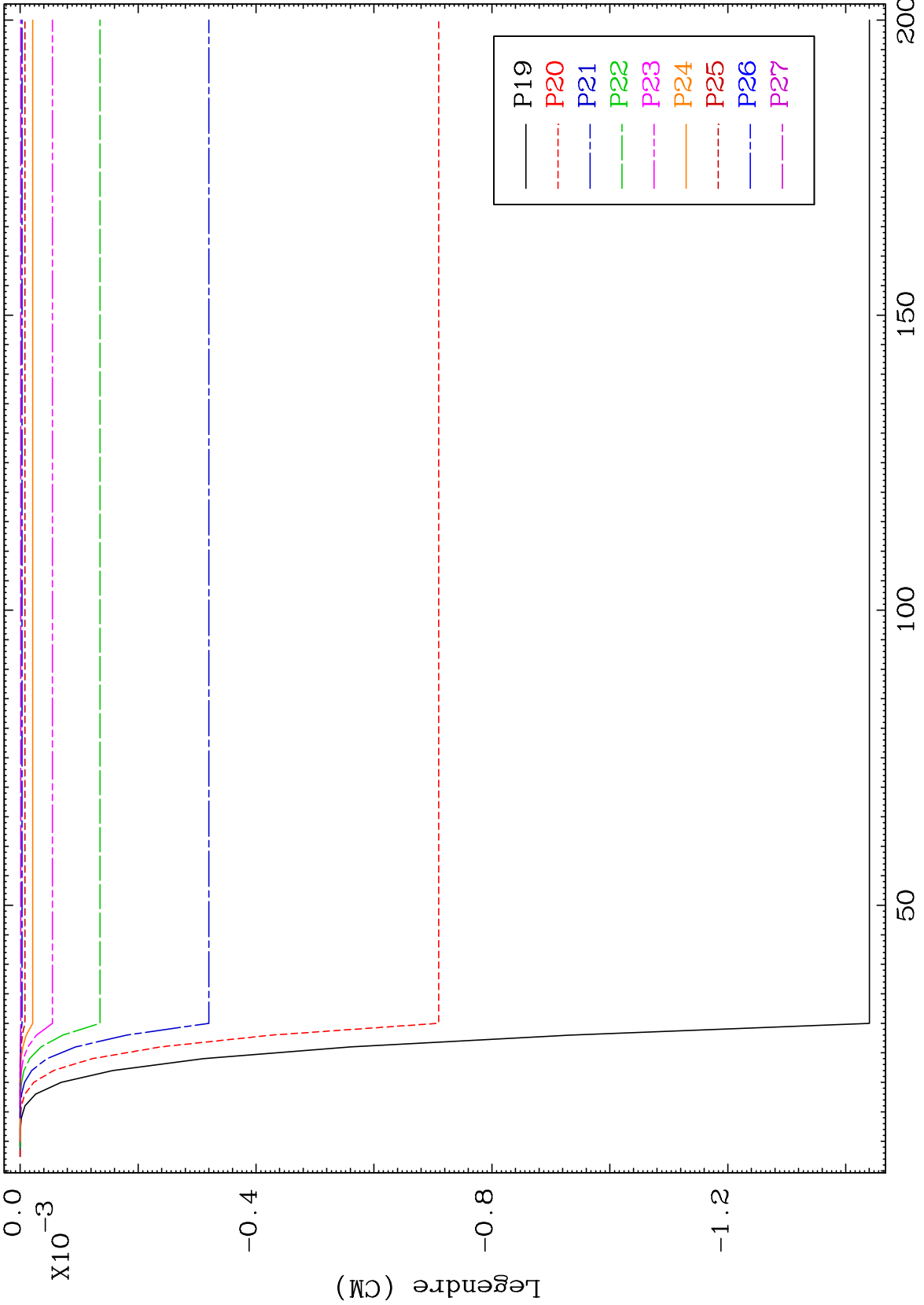
38-Sr-81

MAT 3816 MT= 60 (n,n') Level Legendre Coefficients 38-Sr-81



55 Incident Energy (MeV) 38-Sr-81

MAT 3816 MT= 60 (n,n') Level Legendre Coefficients 38-Sr-81

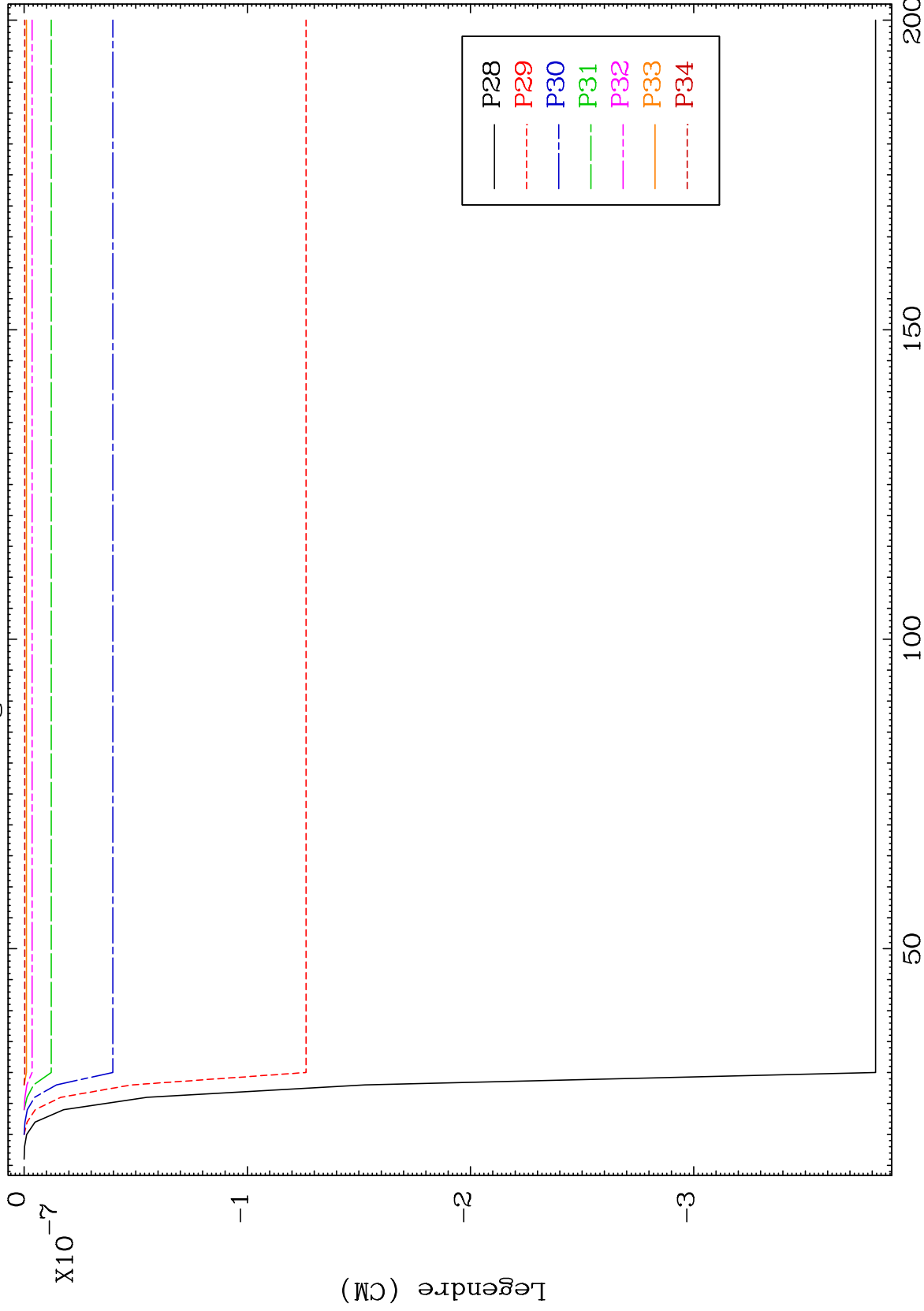


56 Incident Energy (MeV) 38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

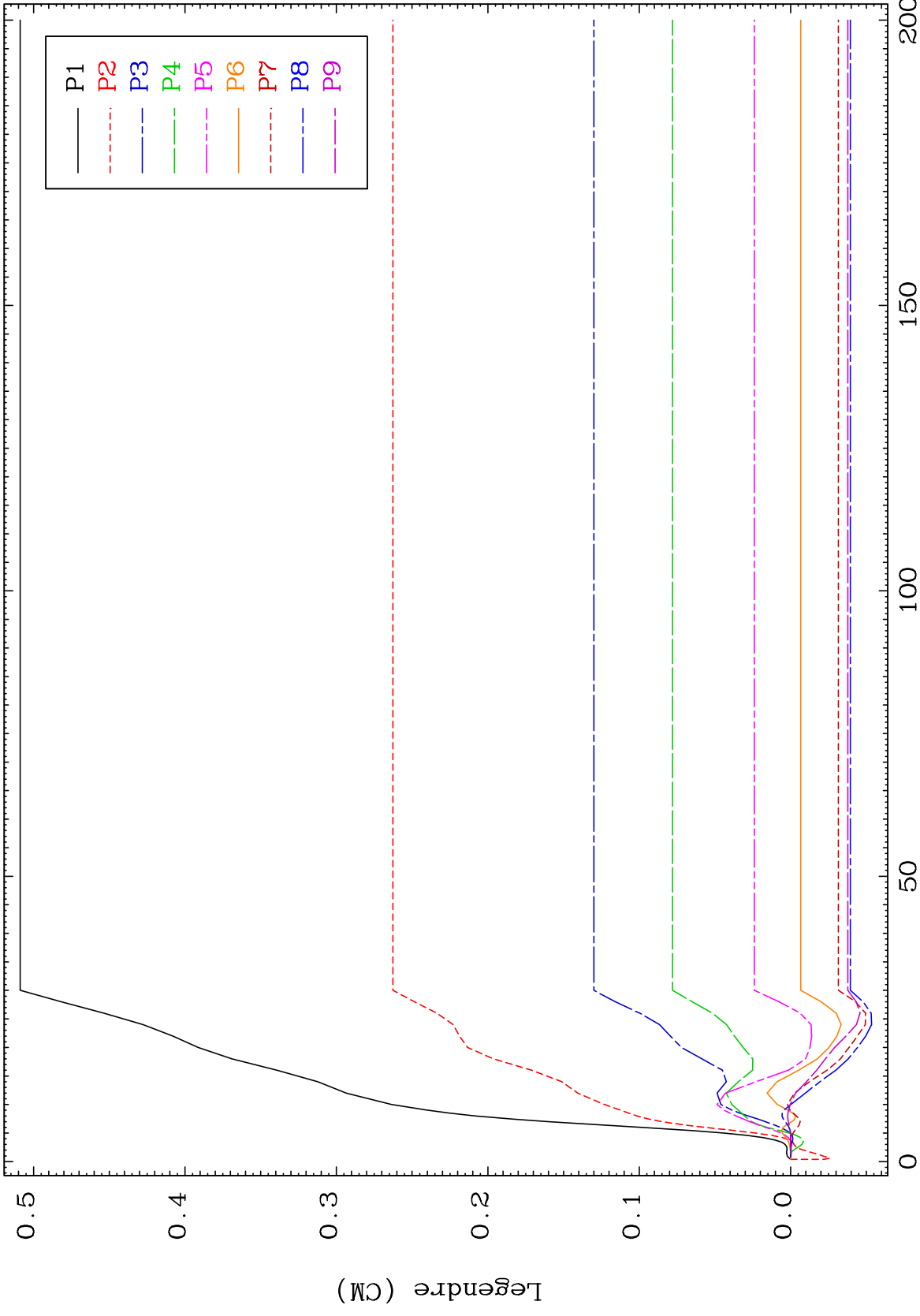
Incident Energy (MeV)

57

MAT 3816

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

38-Sr-81



58

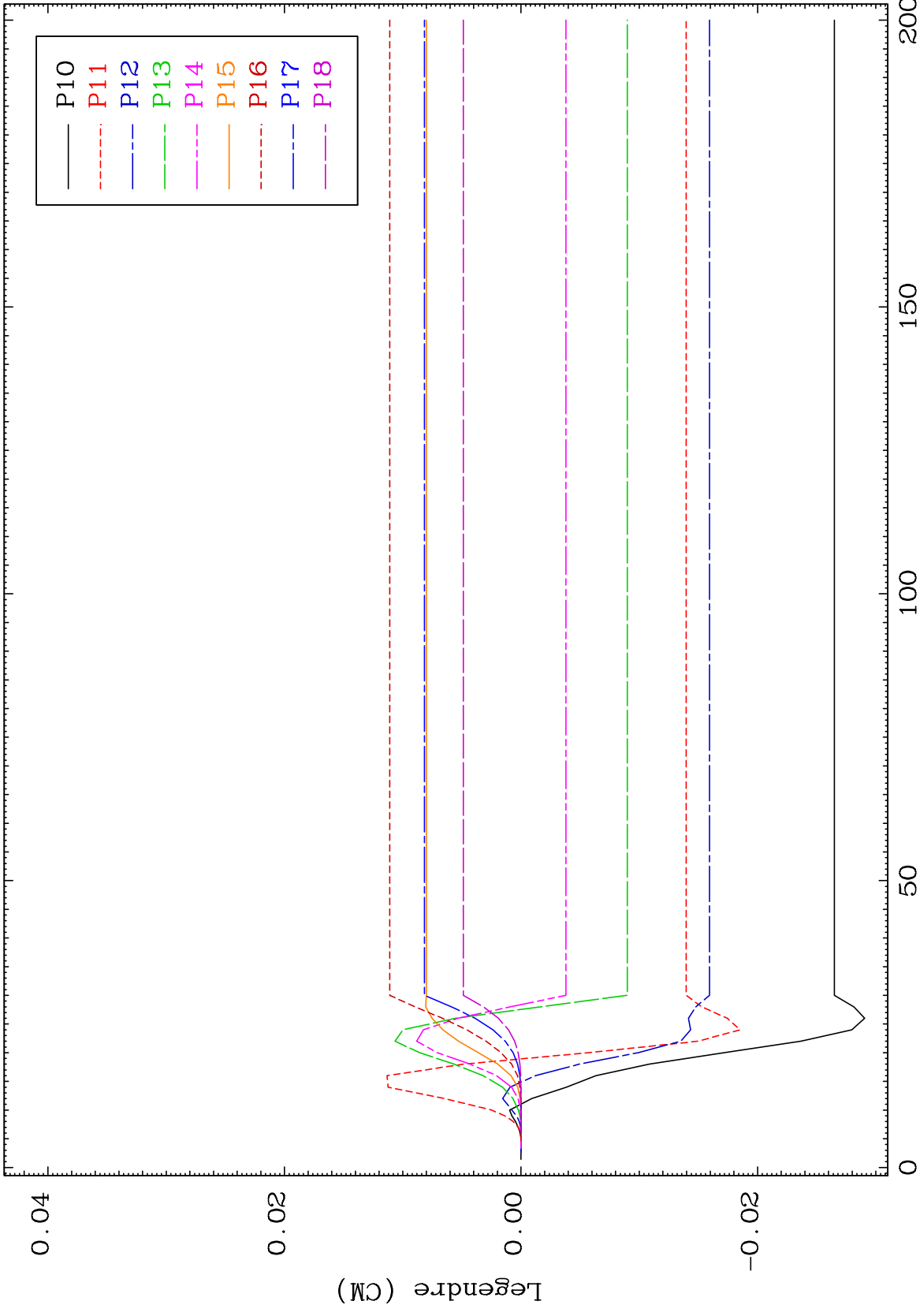
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



59

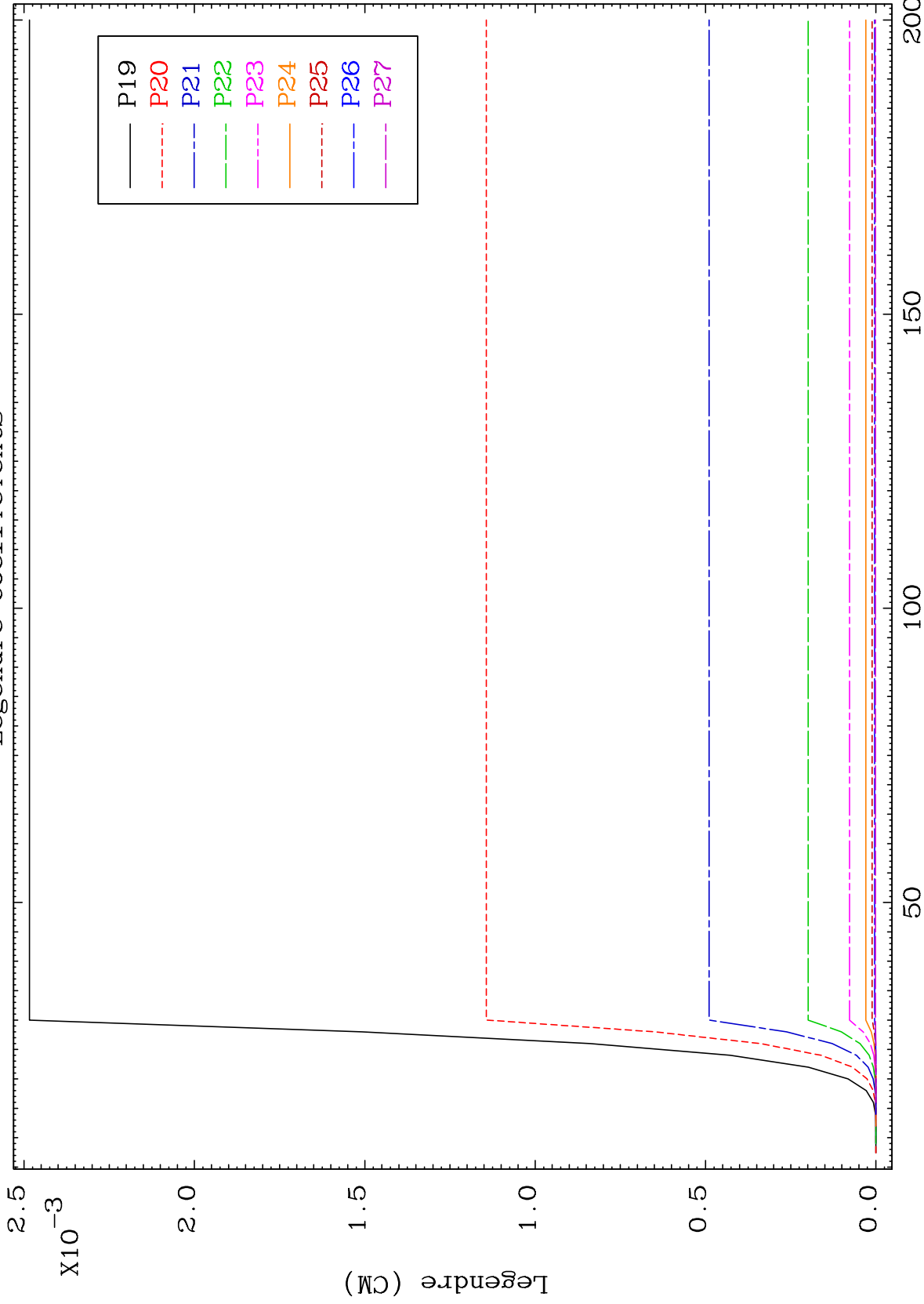
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



60

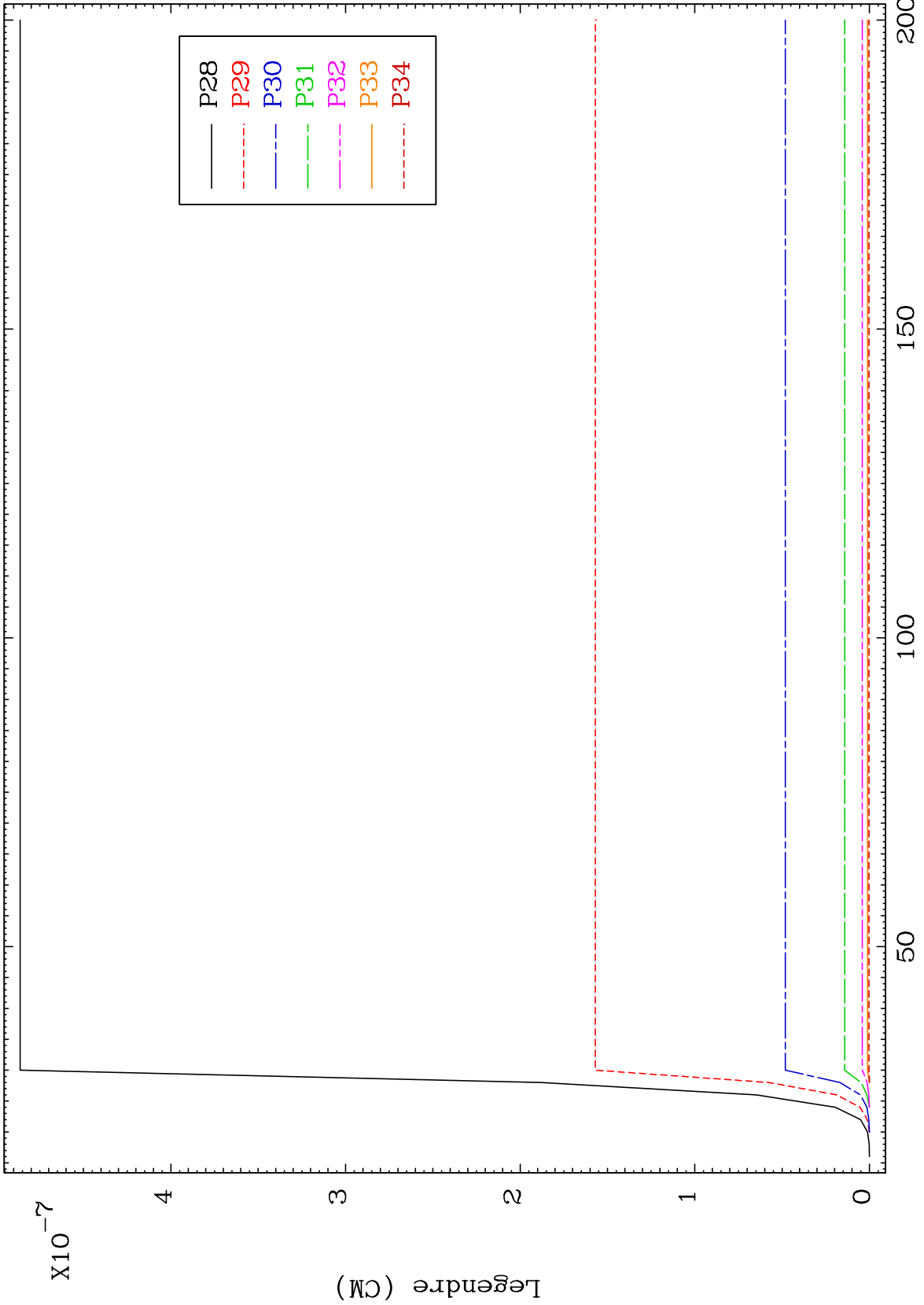
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



61

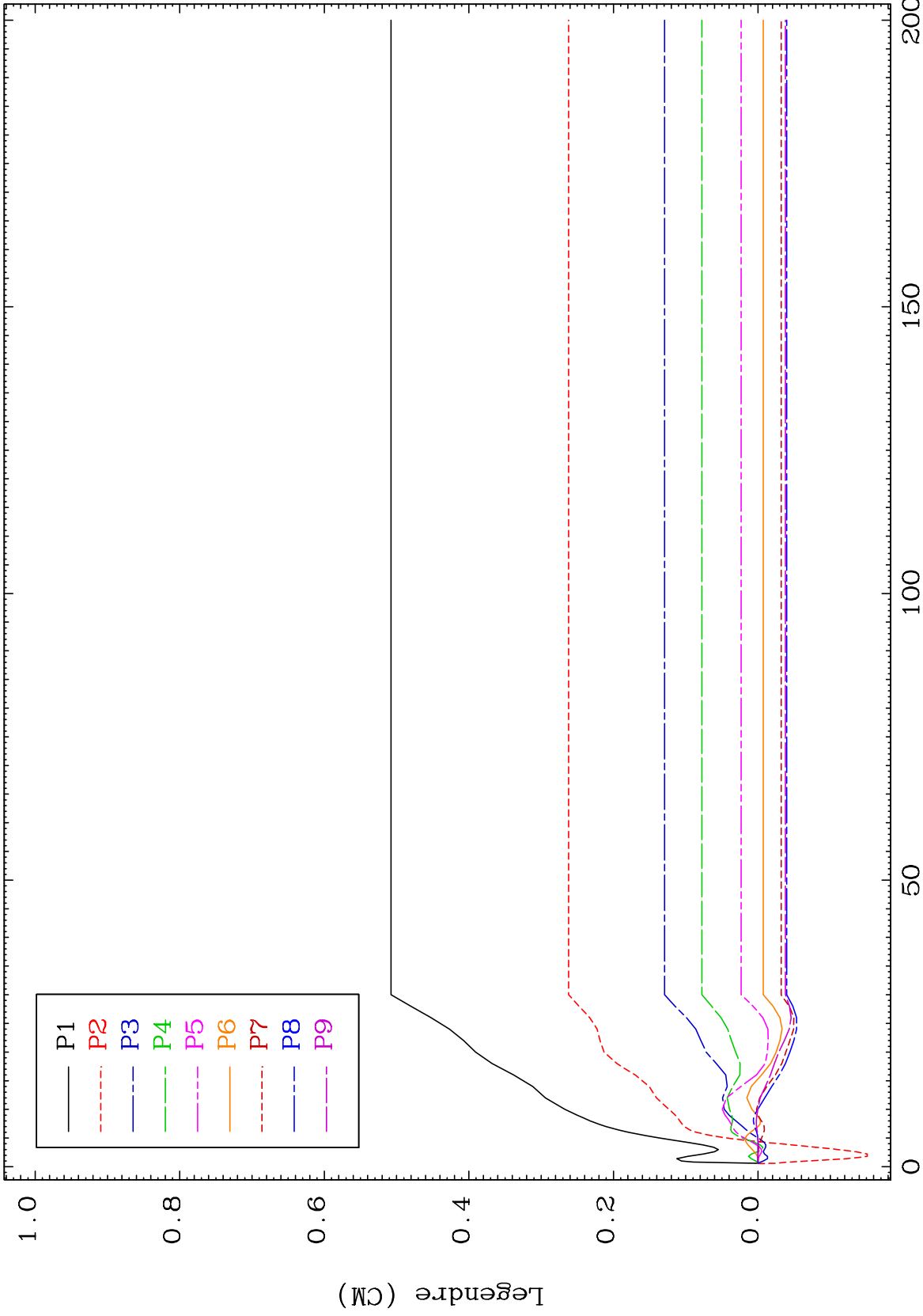
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



62

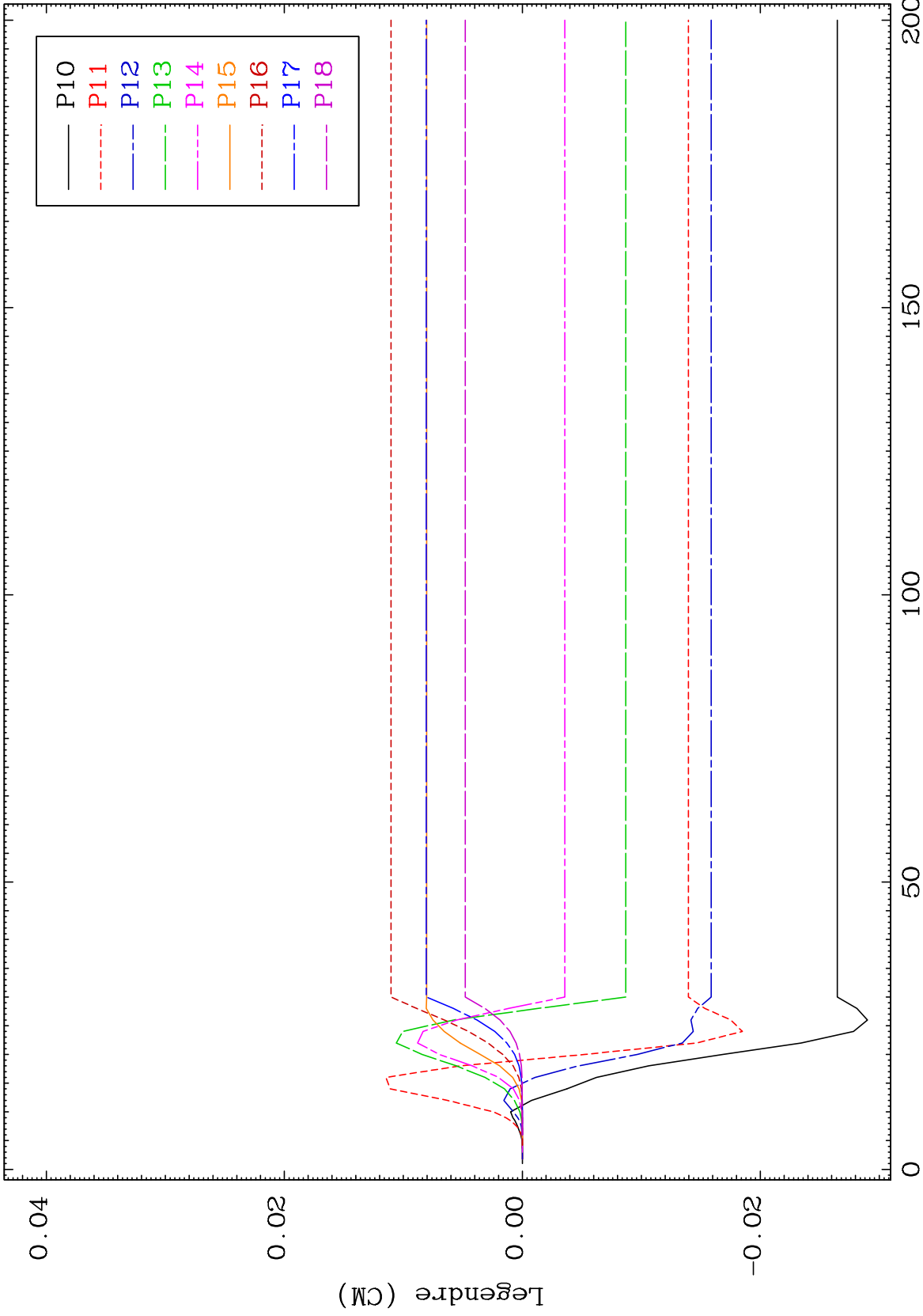
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



63

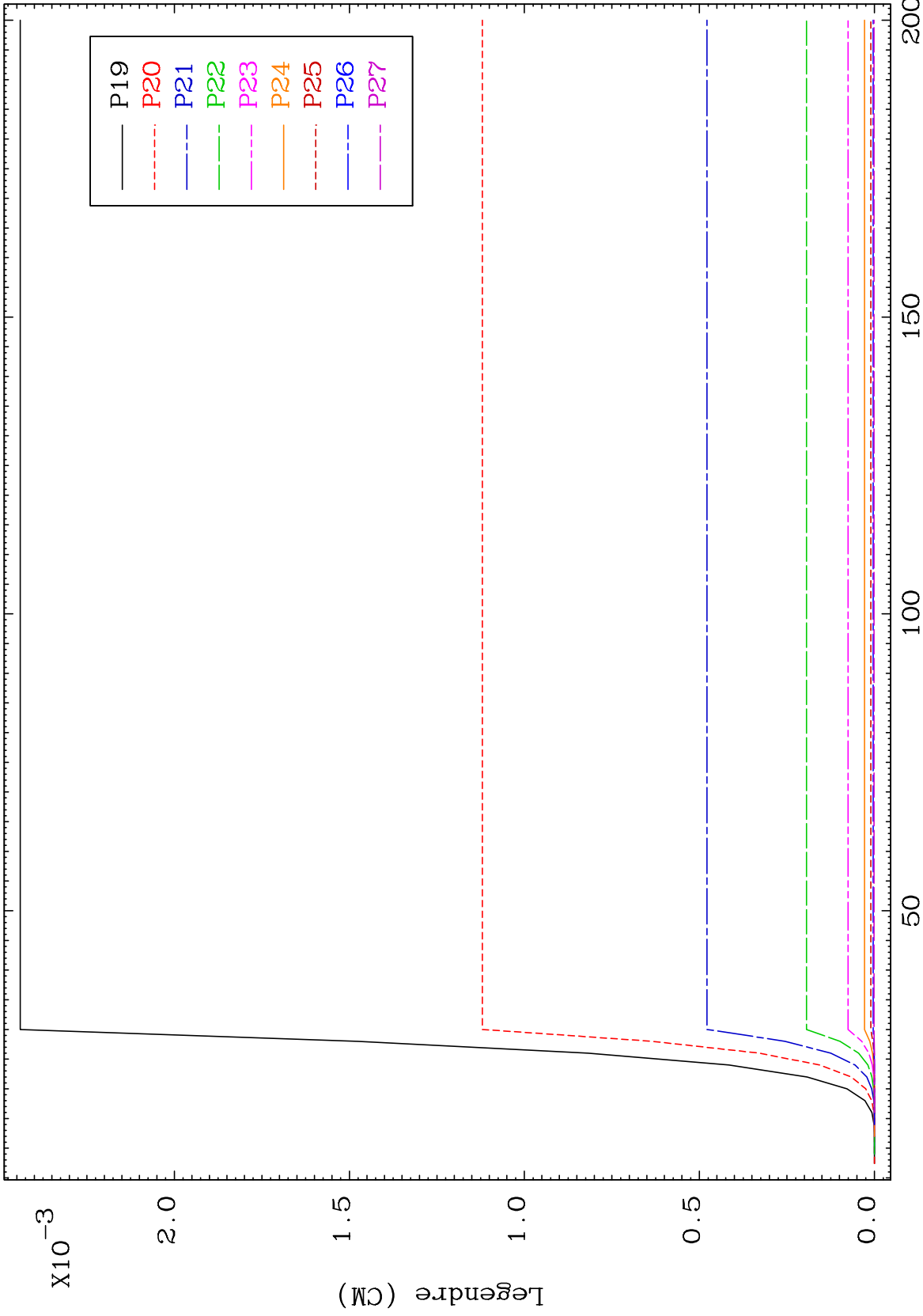
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



64

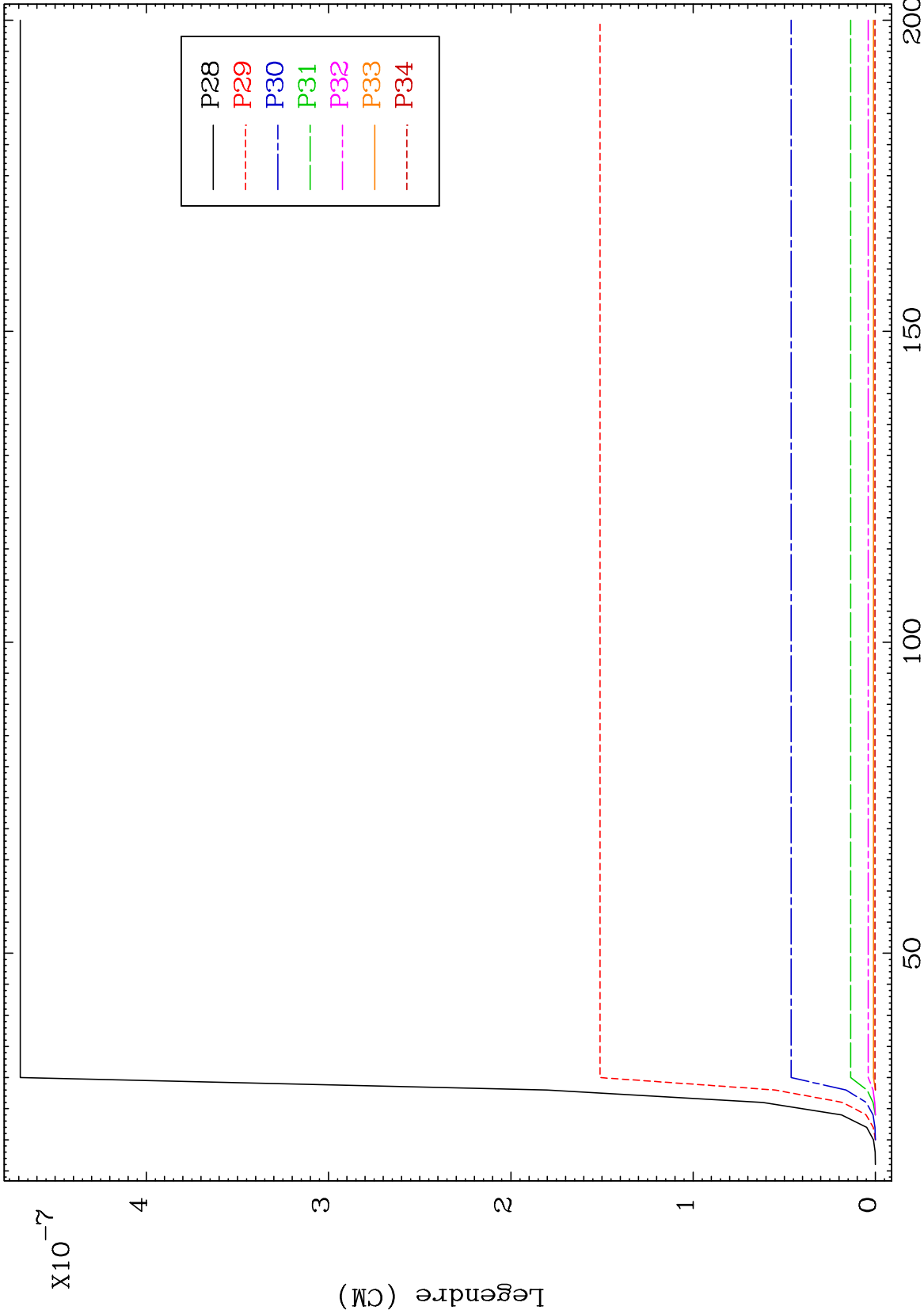
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



65

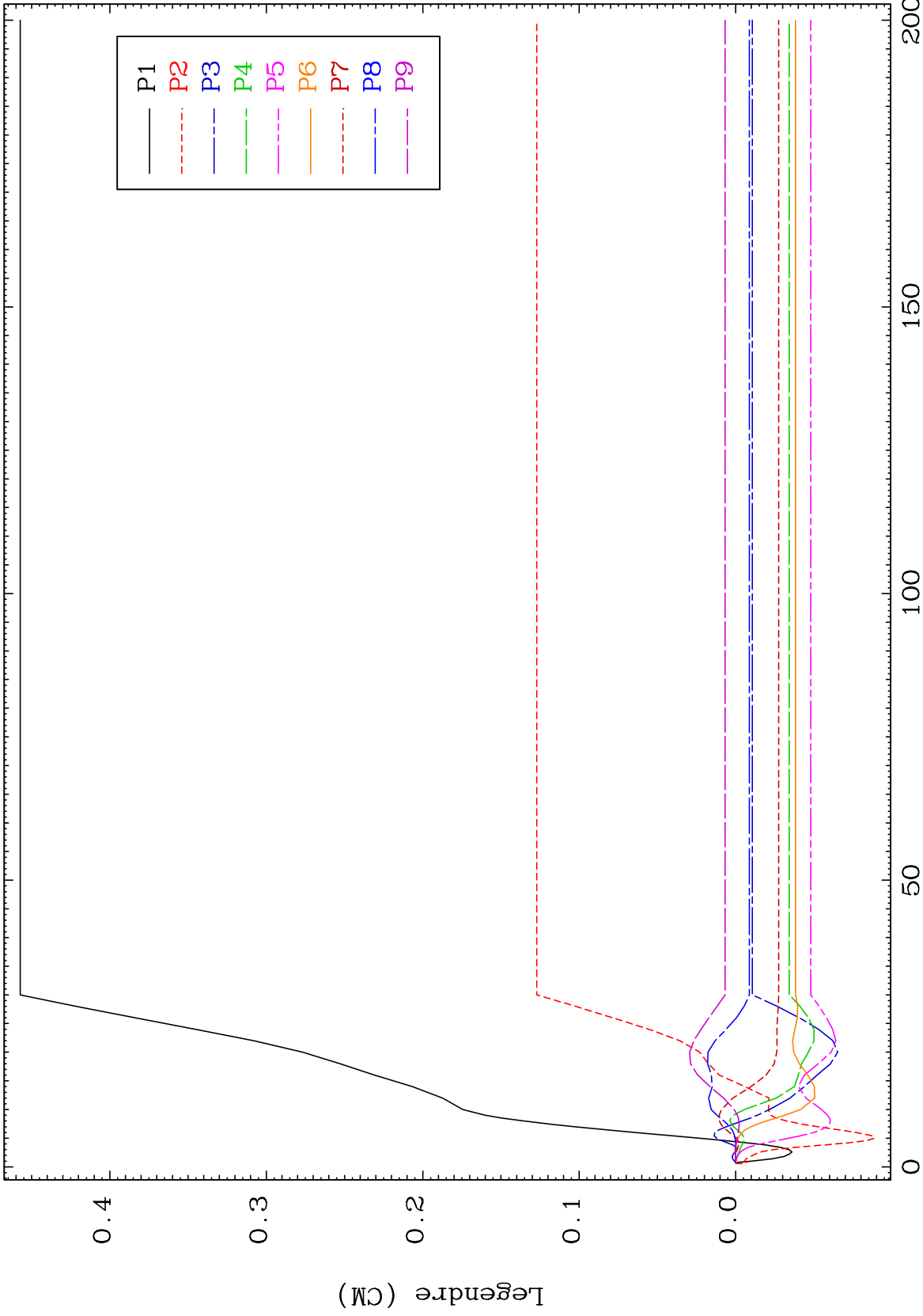
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

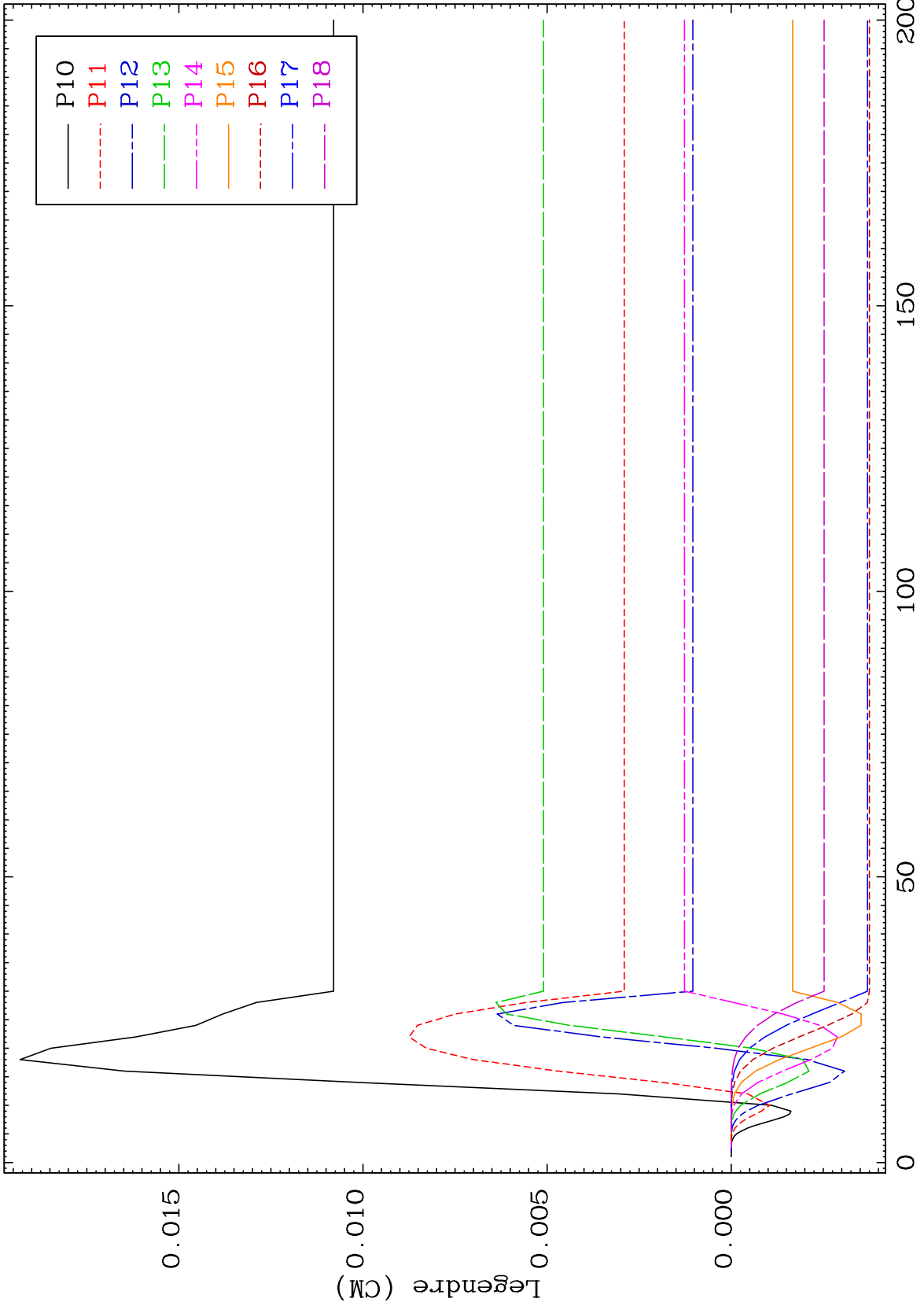


66

Incident Energy (MeV)

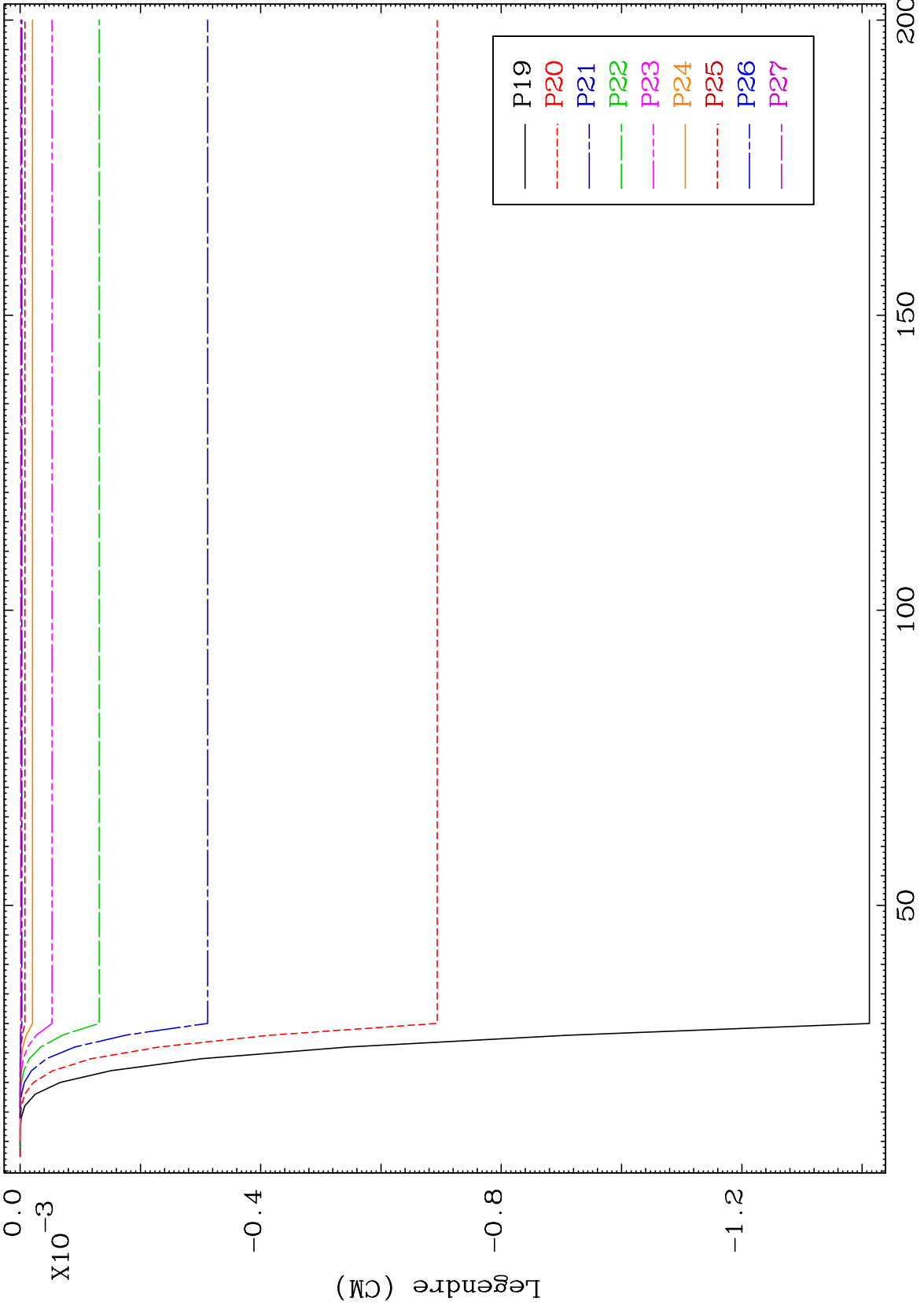
38-Sr-81

MAT 3816 MT= 63 (n,n') Level Legendre Coefficients 38-Sr-81



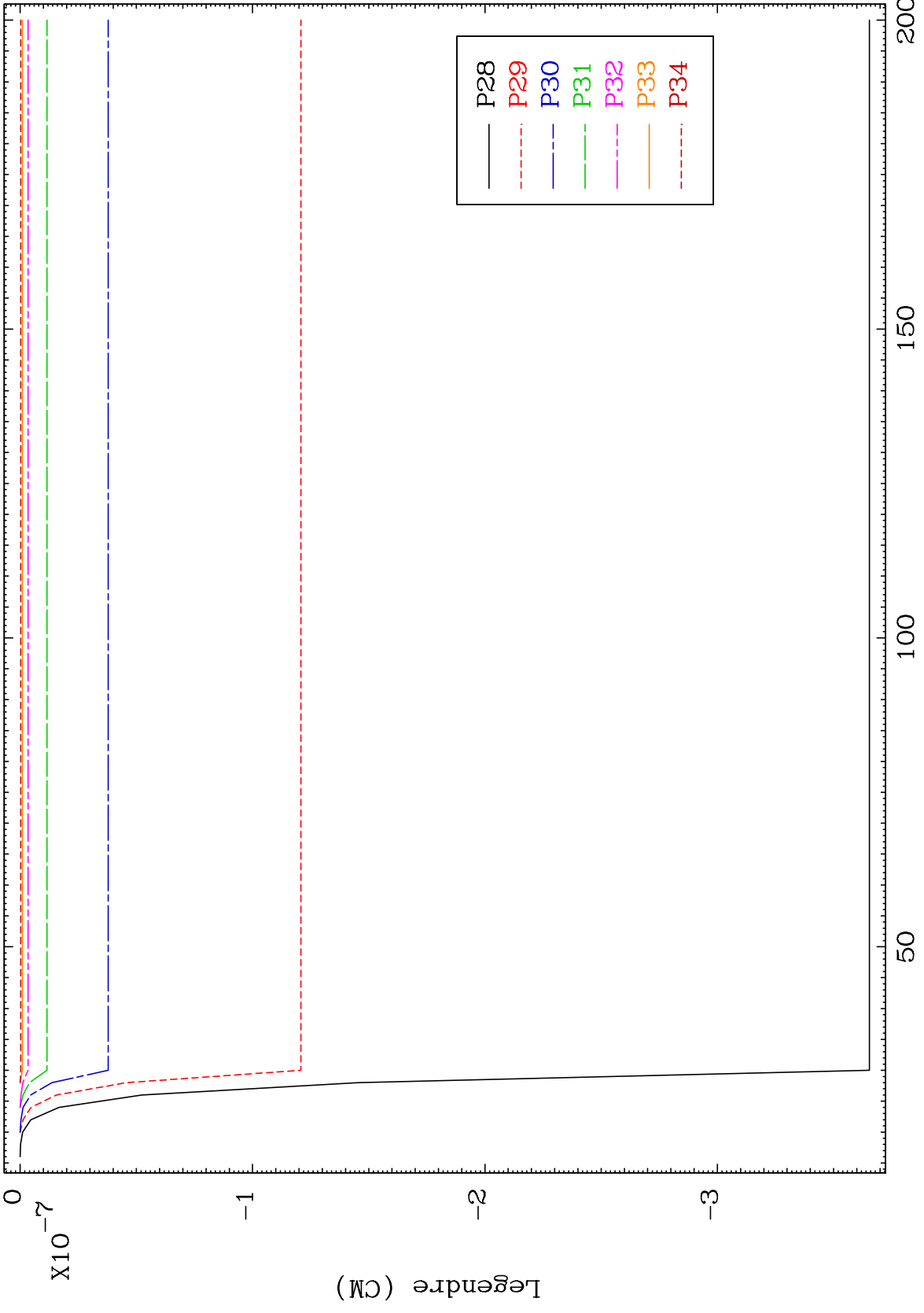
67 38-Sr-81

MAT 3816 MT= 63 (n,n') Level Legendre Coefficients 38-Sr-81



68 38-Sr-81

MAT 3816 MT= 63 (n,n') Level Legendre Coefficients 38-Sr-81

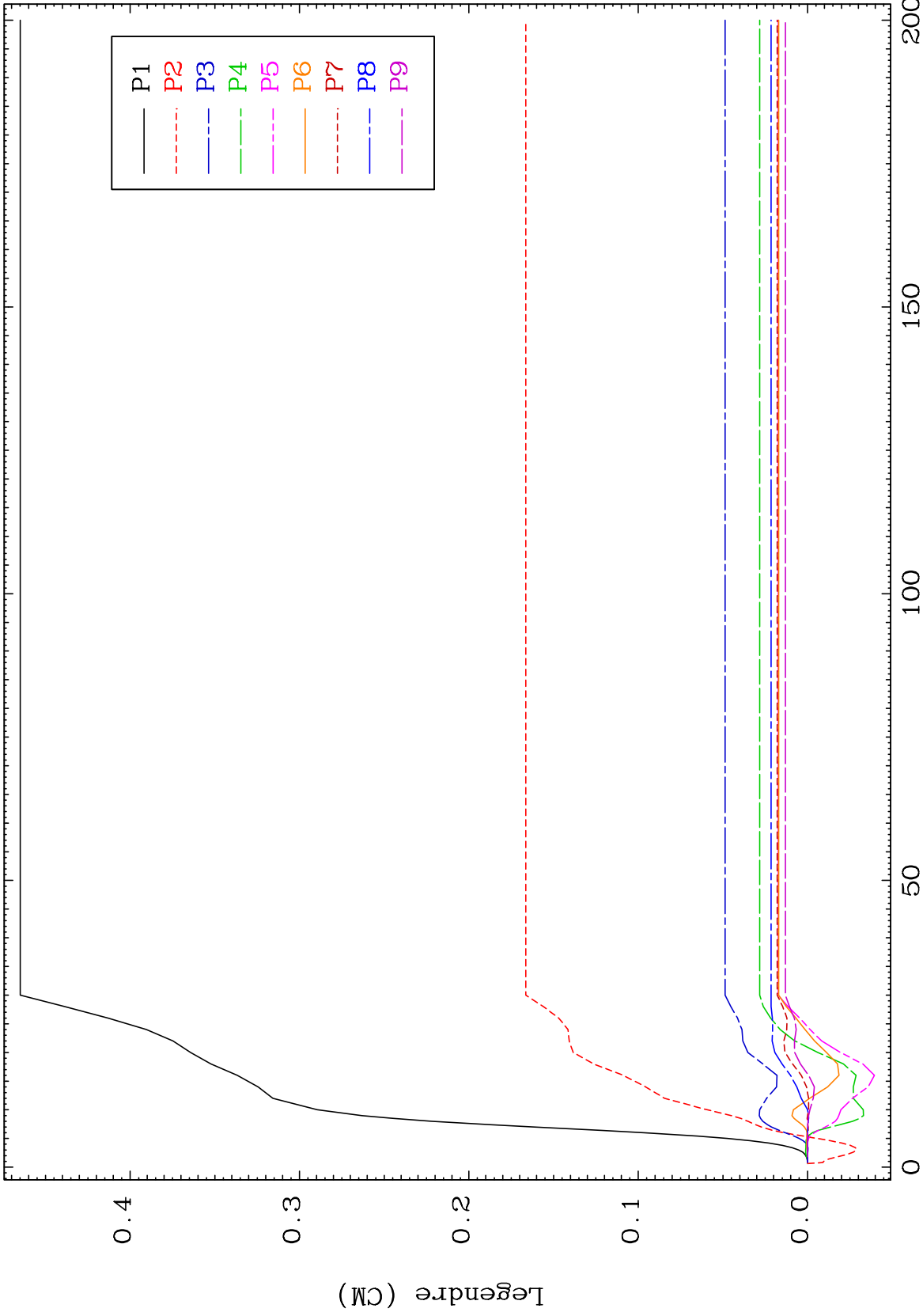


69 38-Sr-81

MAT 3816

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

38-Sr-81



70

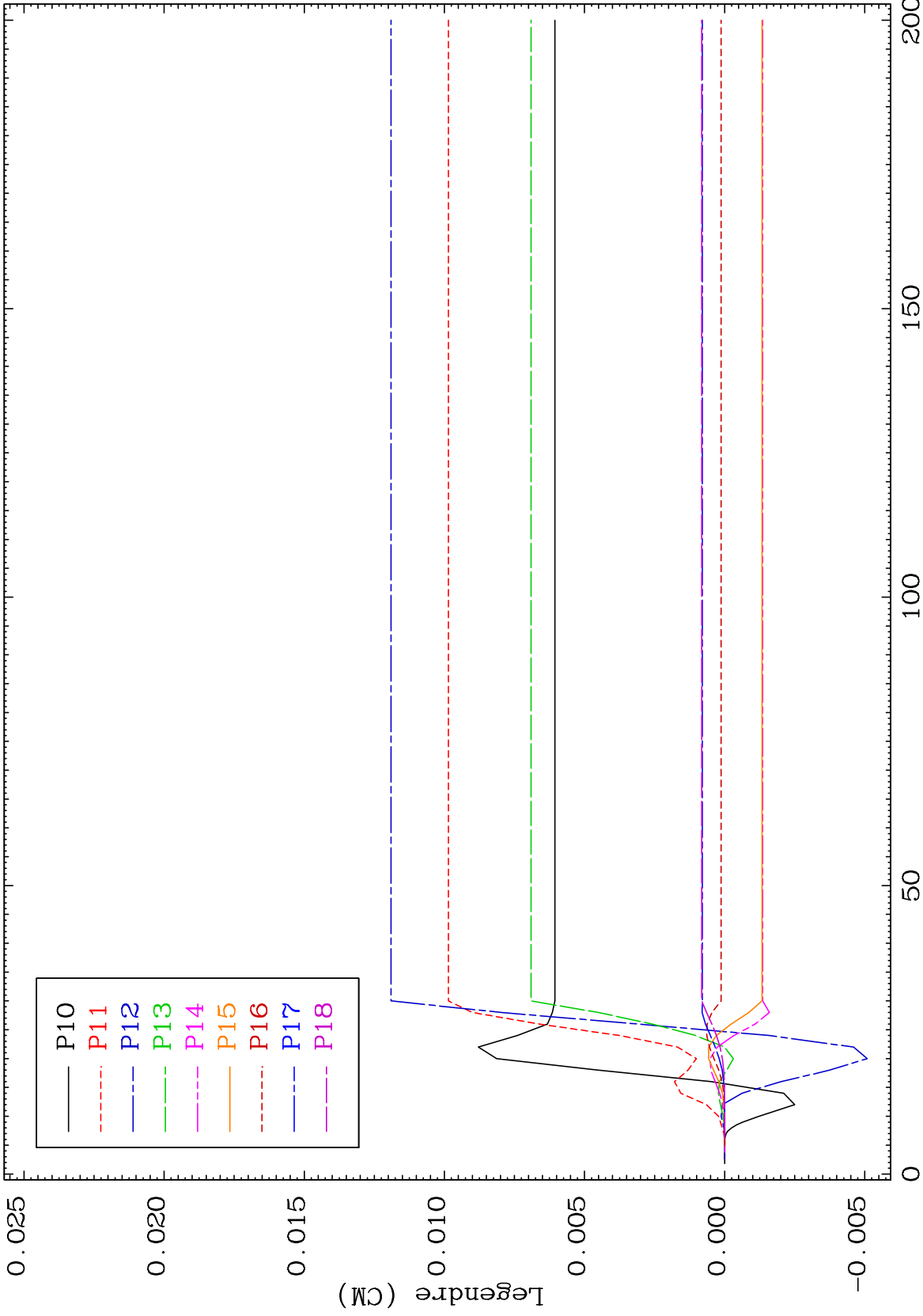
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



71

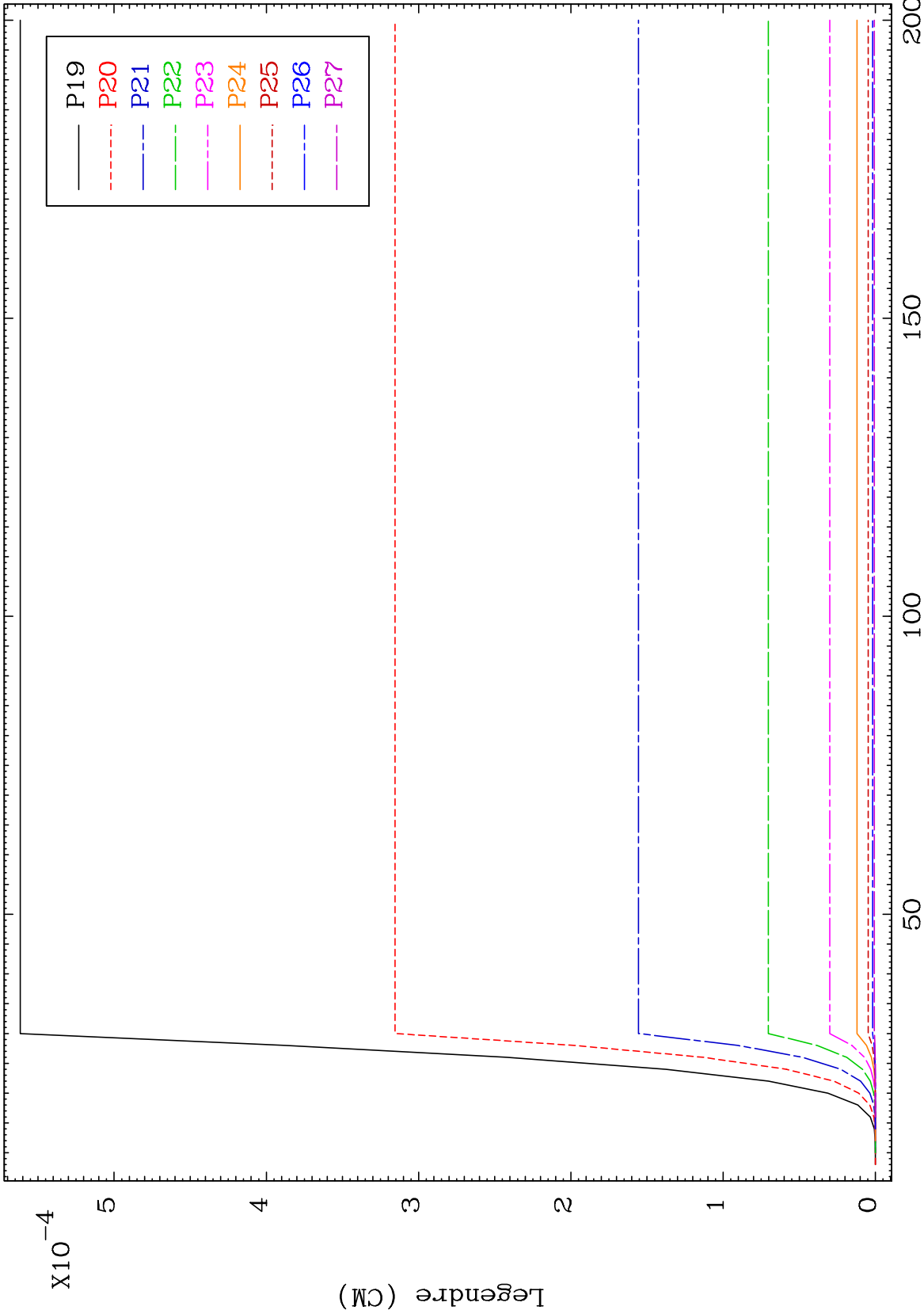
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



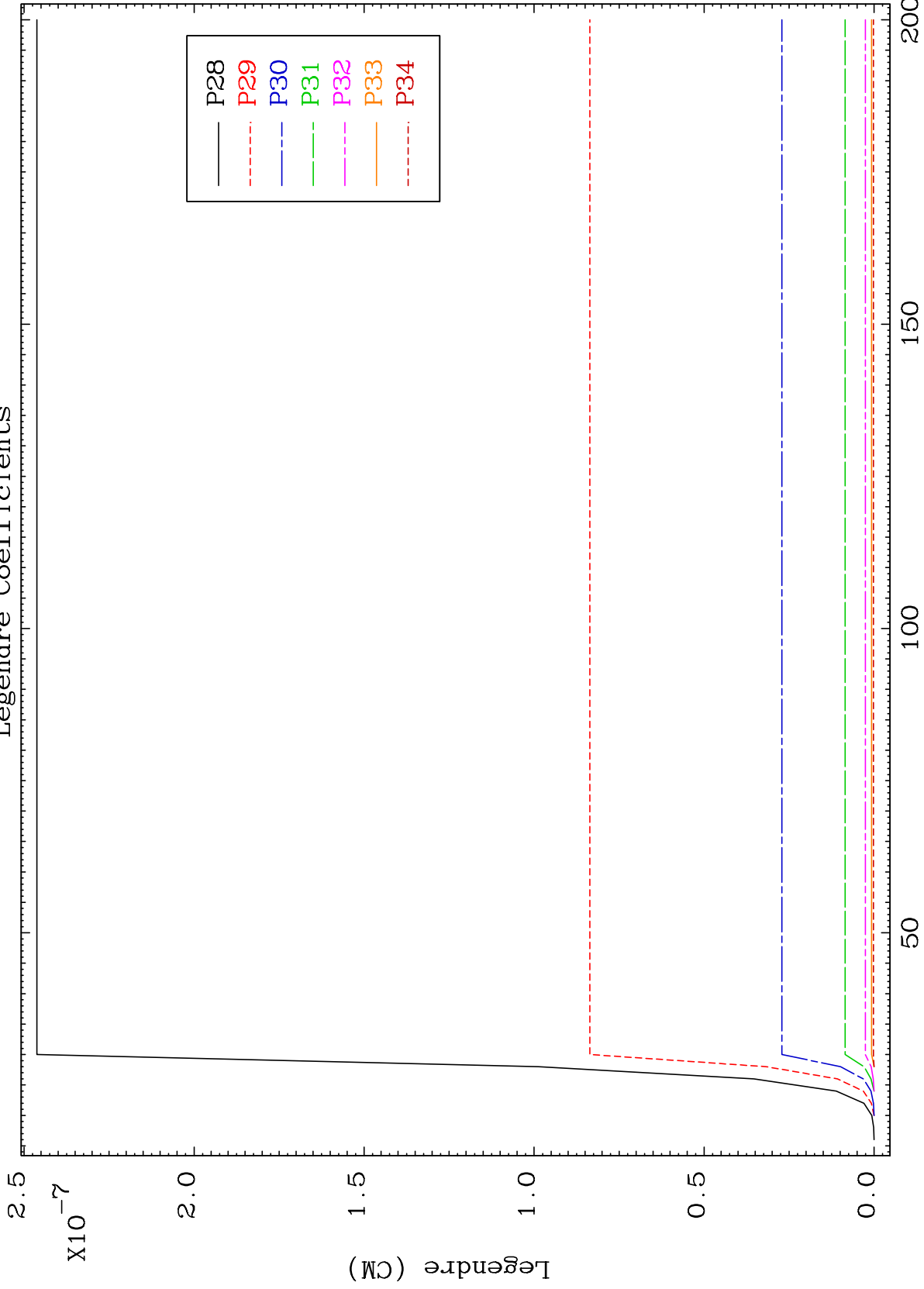
72

38-Sr-81

MAT 3816

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

38-Sr-81



73

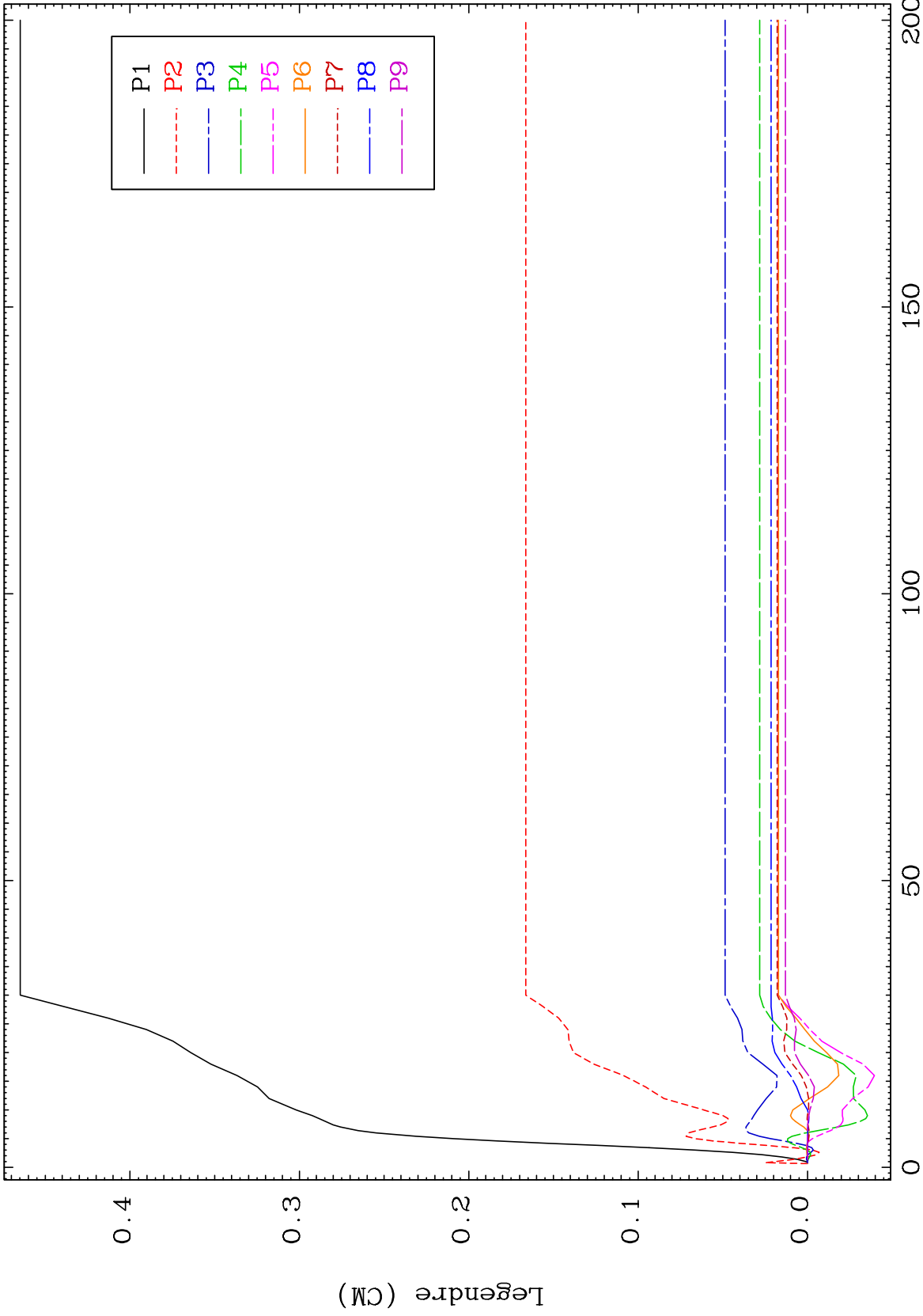
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



74

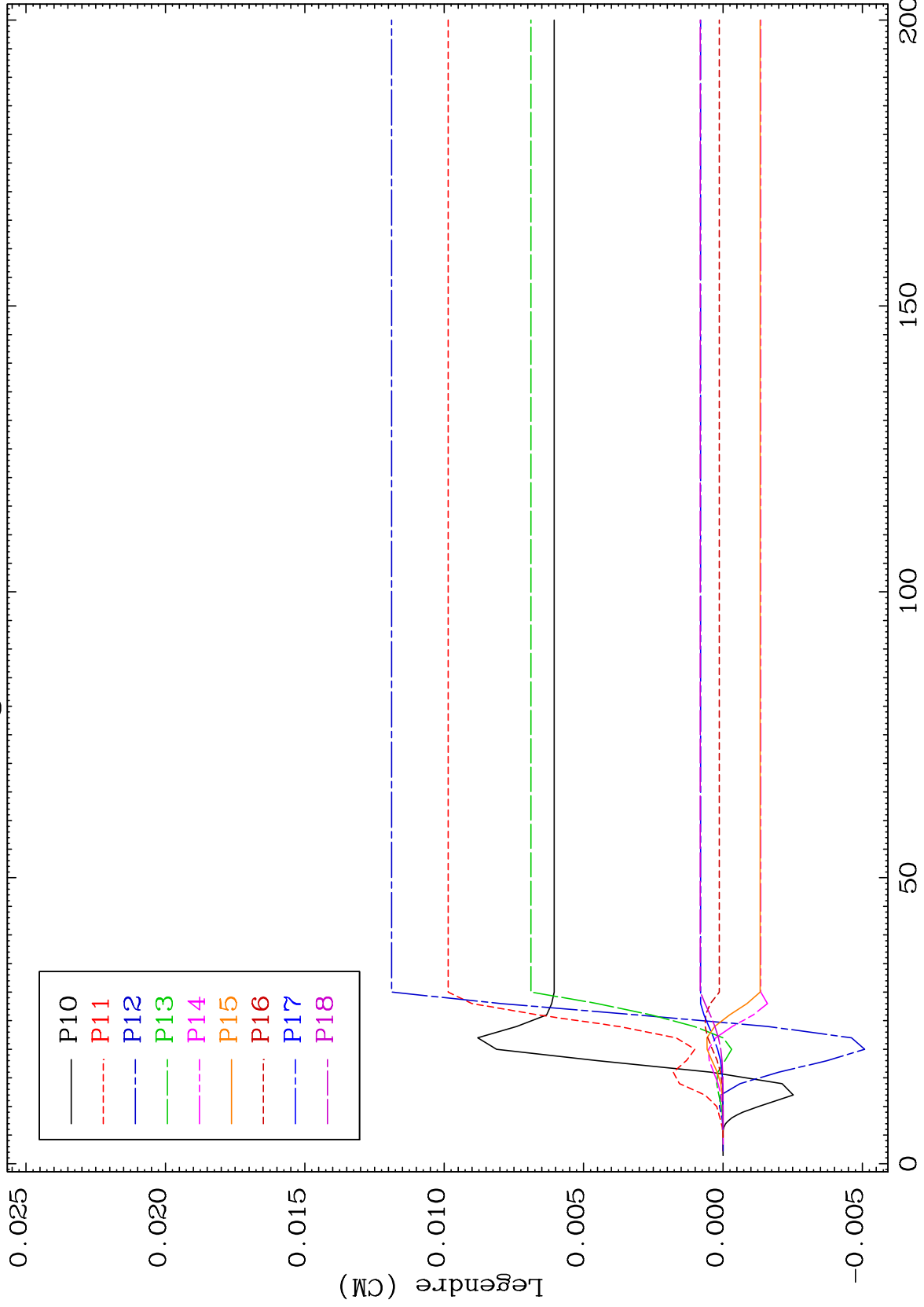
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



75

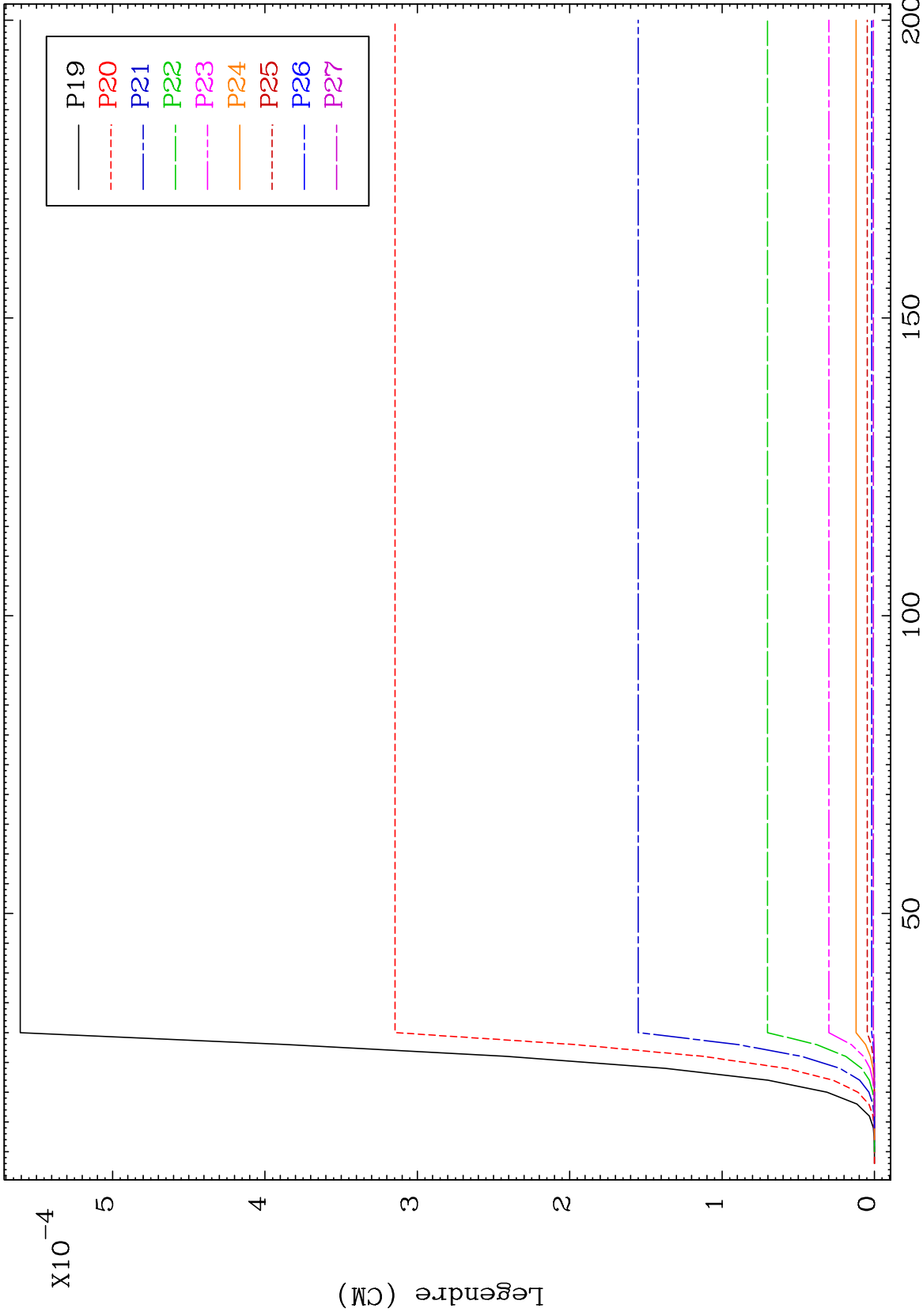
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



76

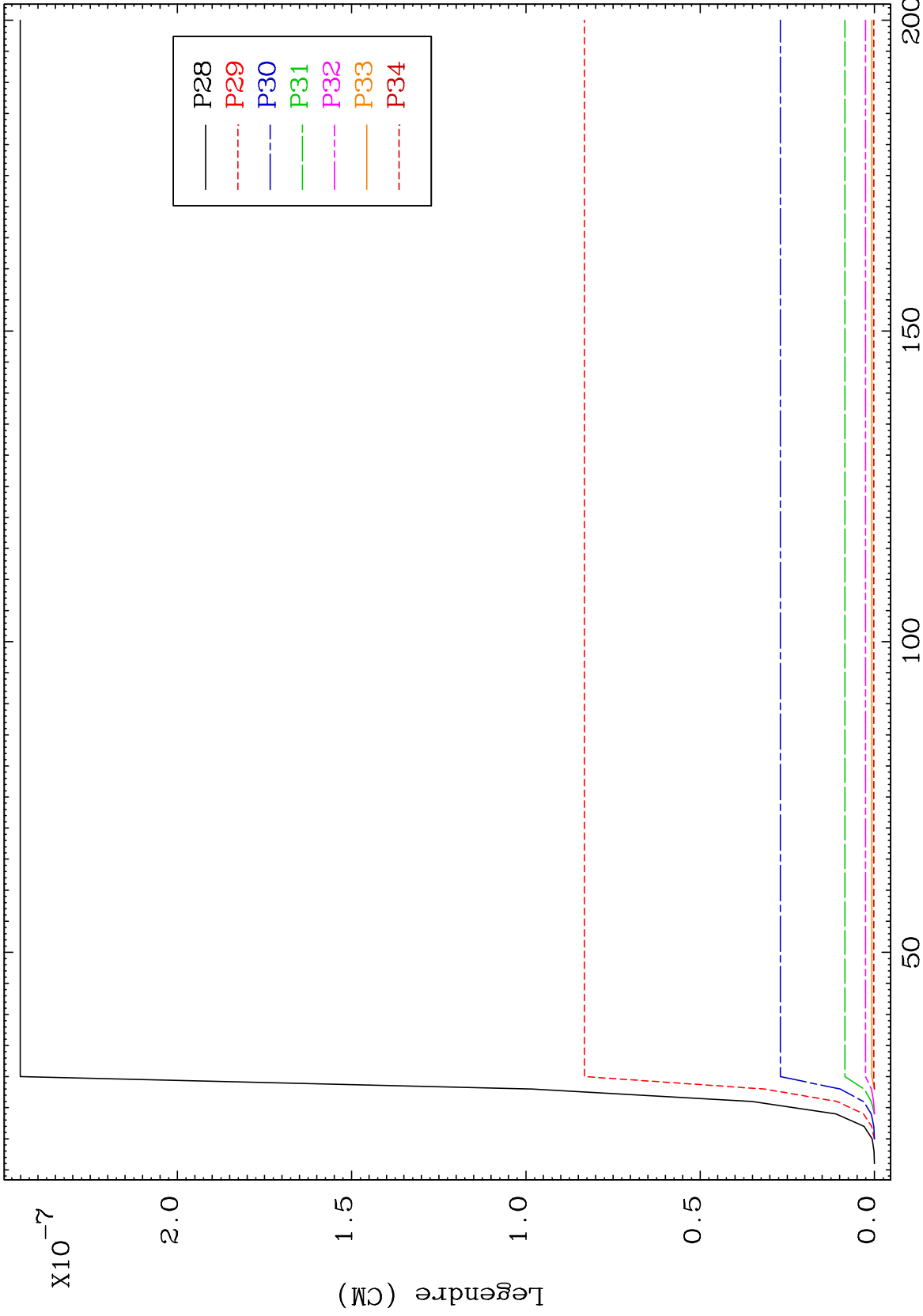
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



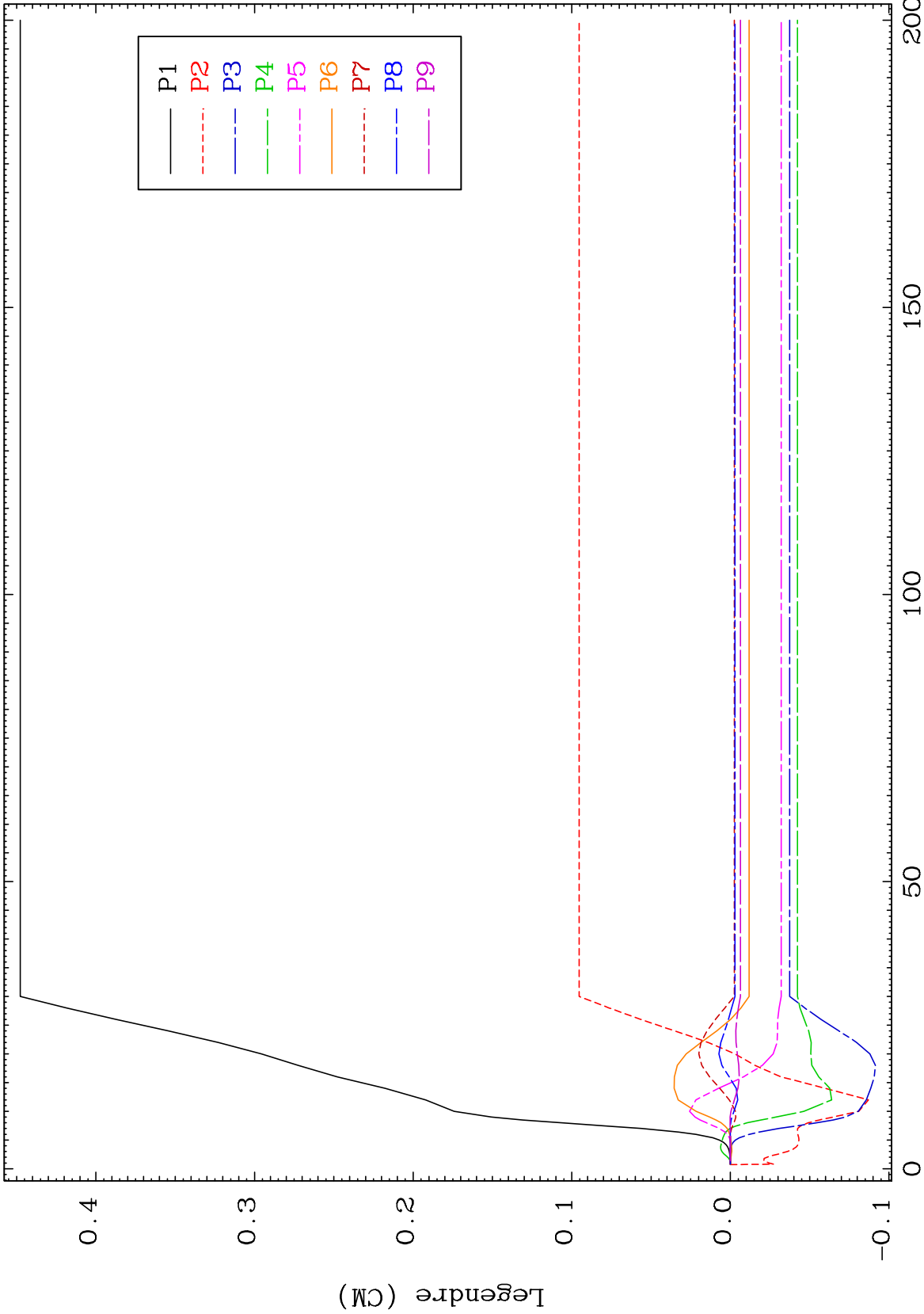
77

38-Sr-81

MAT 3816

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

38-Sr-81



78

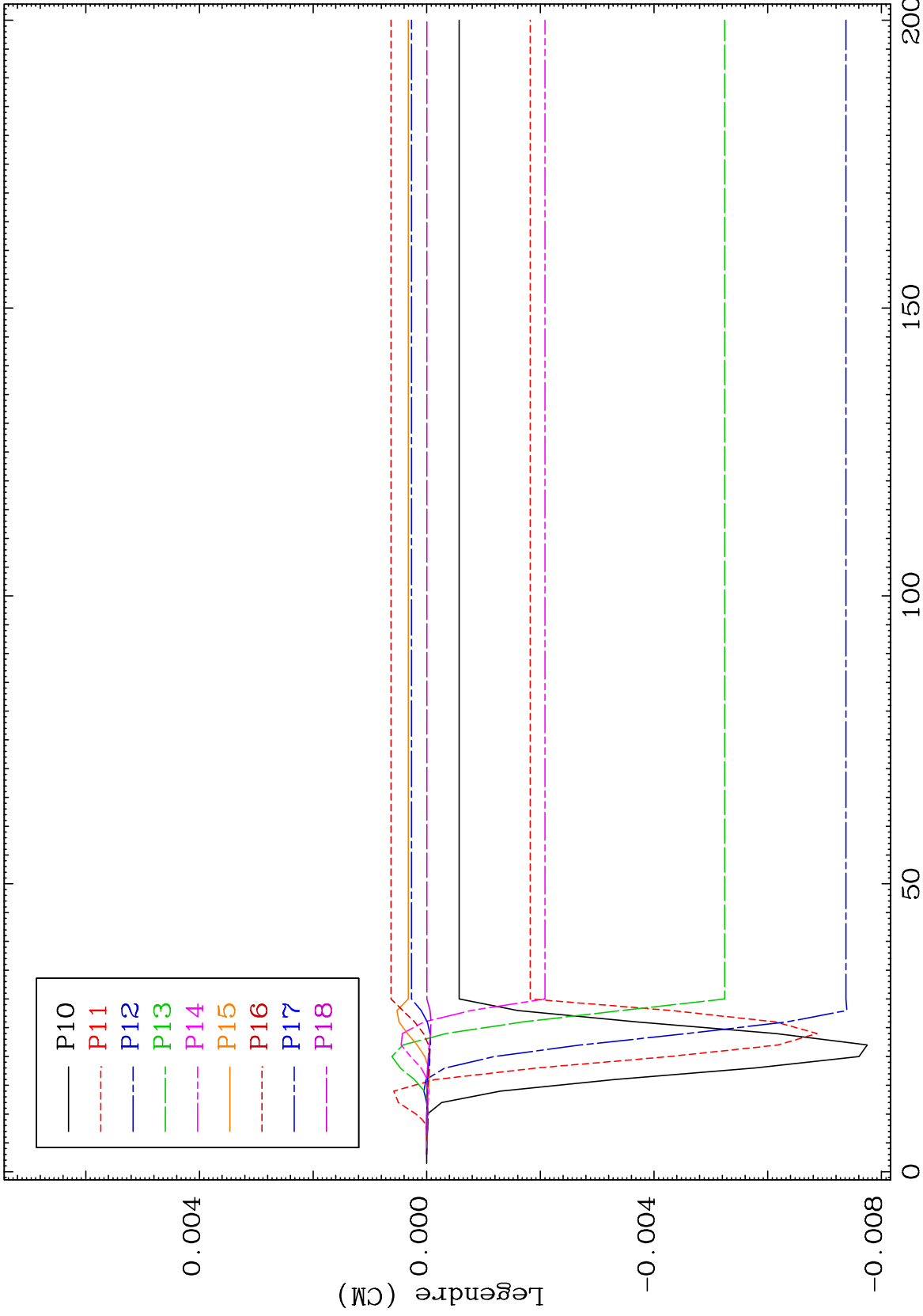
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



79

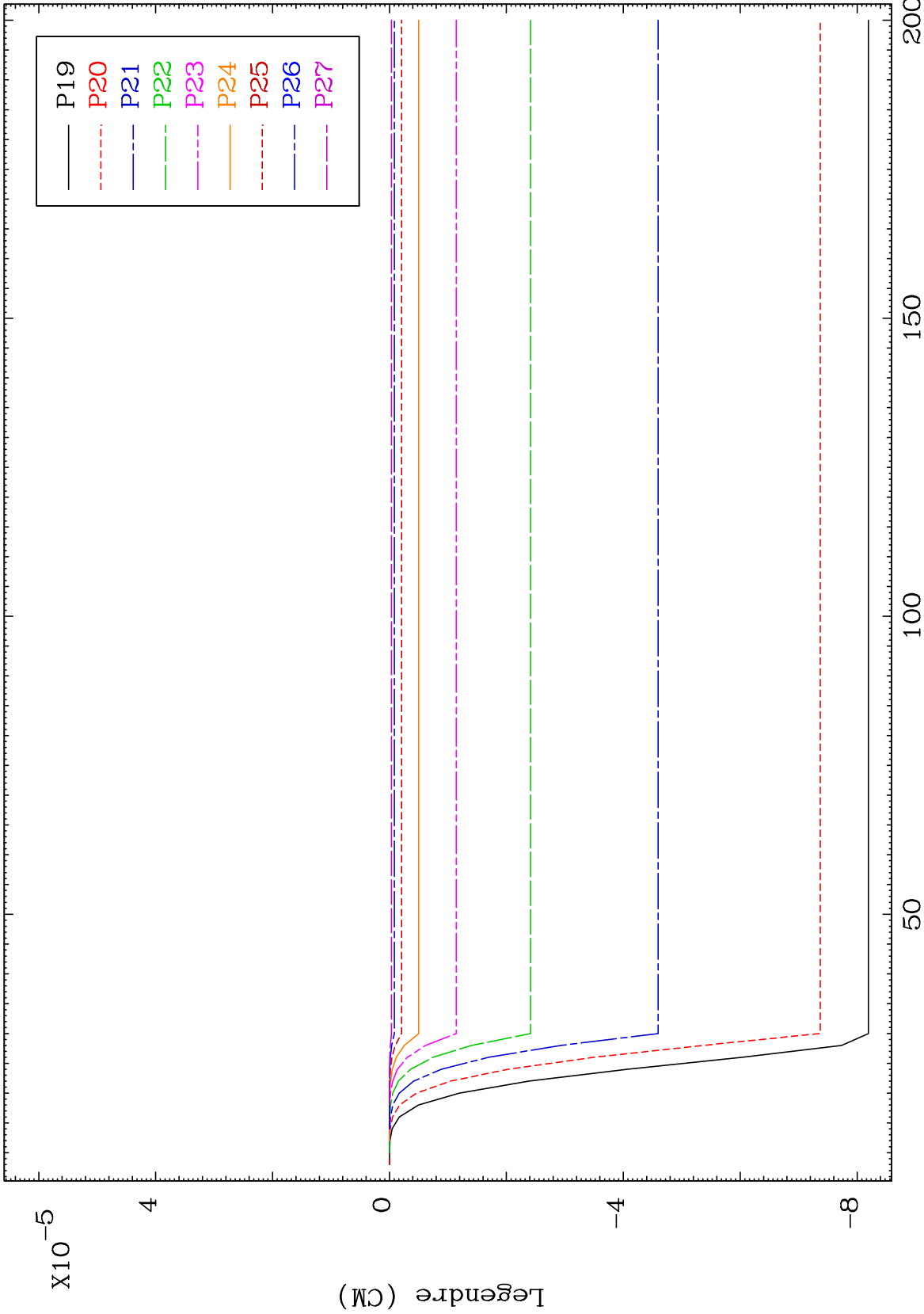
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

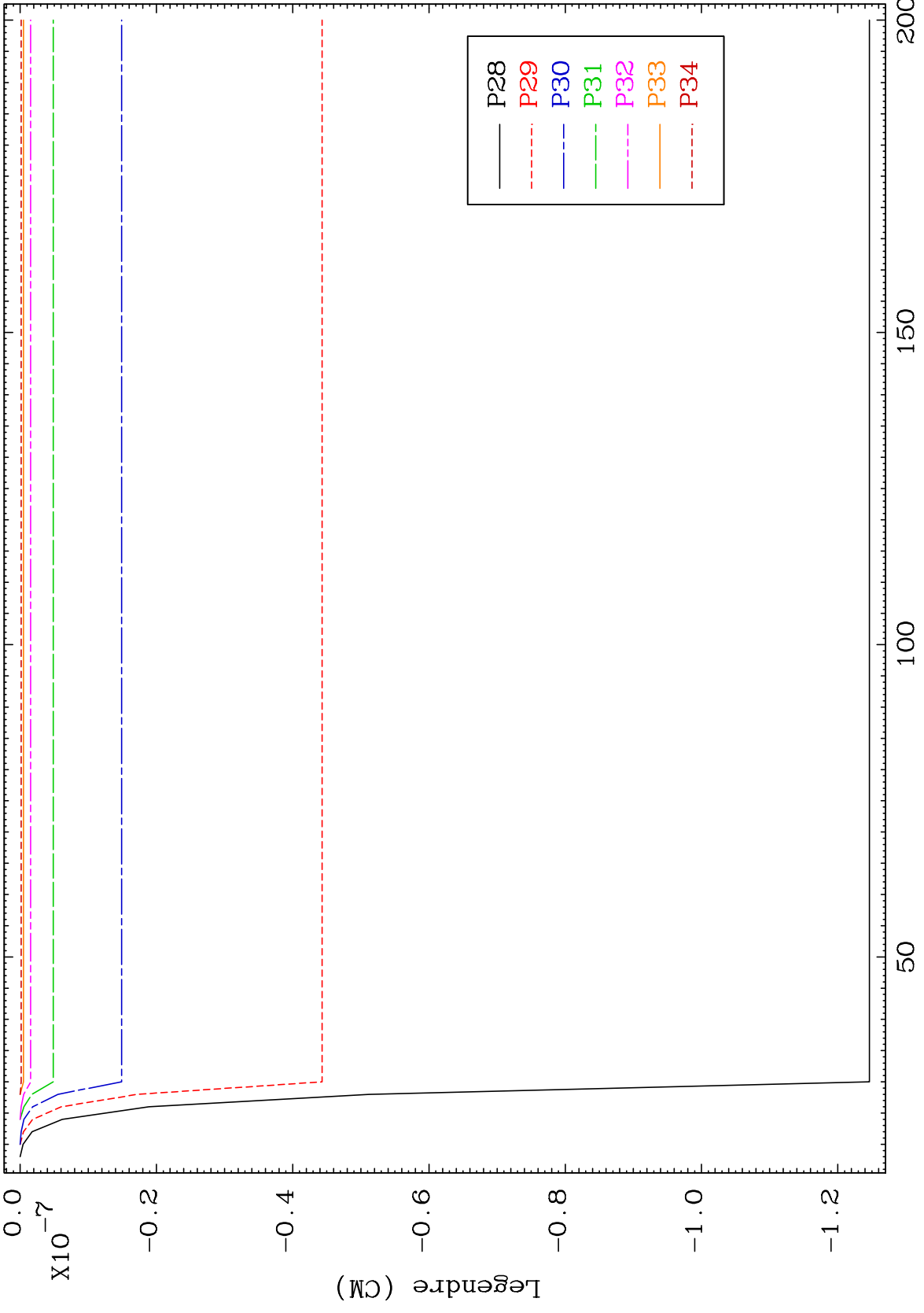


80

Incident Energy (MeV)

38-Sr-81

MAT 3816 MT= 66 (n,n') Level Legendre Coefficients 38-Sr-81

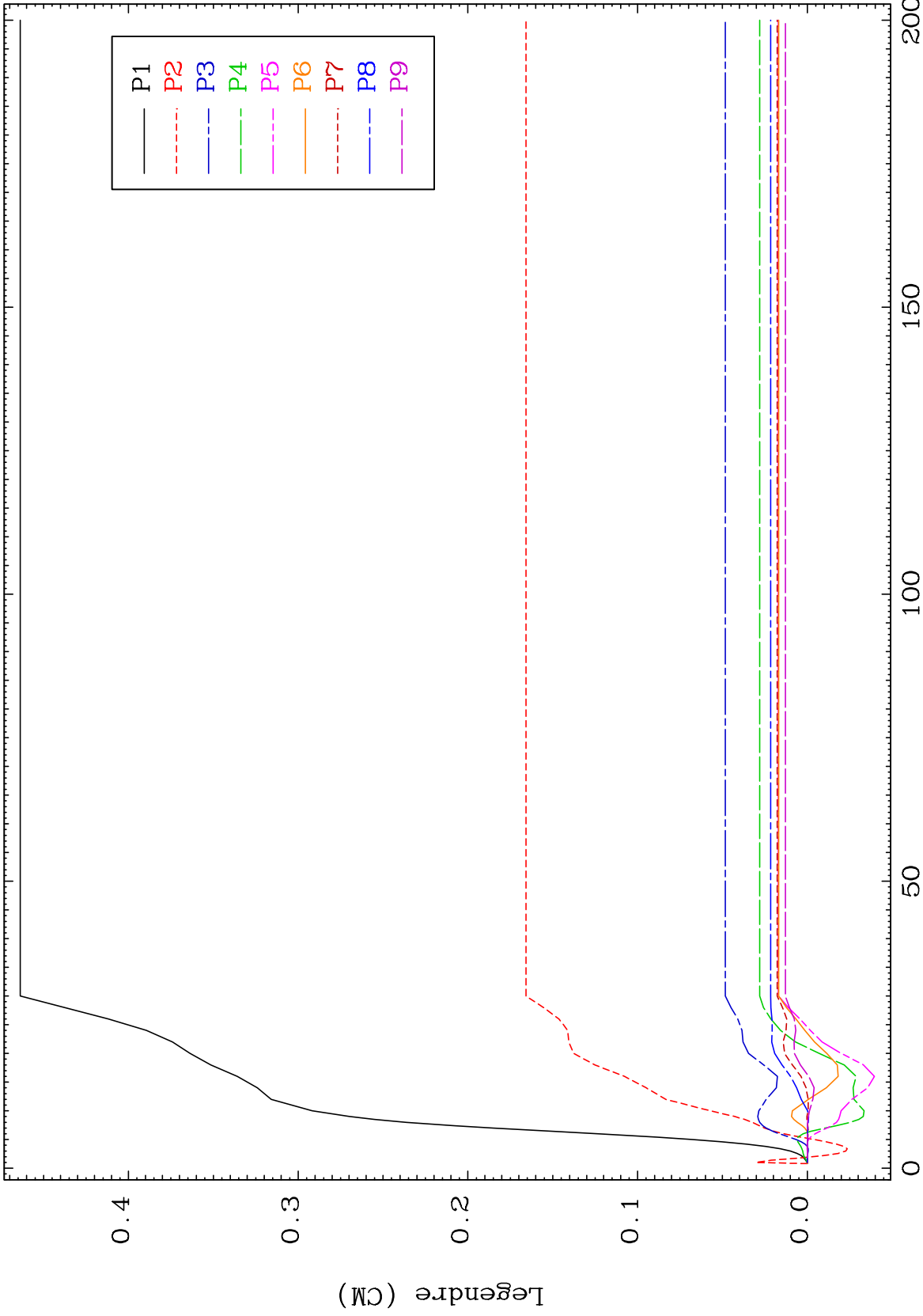


81 38-Sr-81

MAT 3816

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

38-Sr-81



82

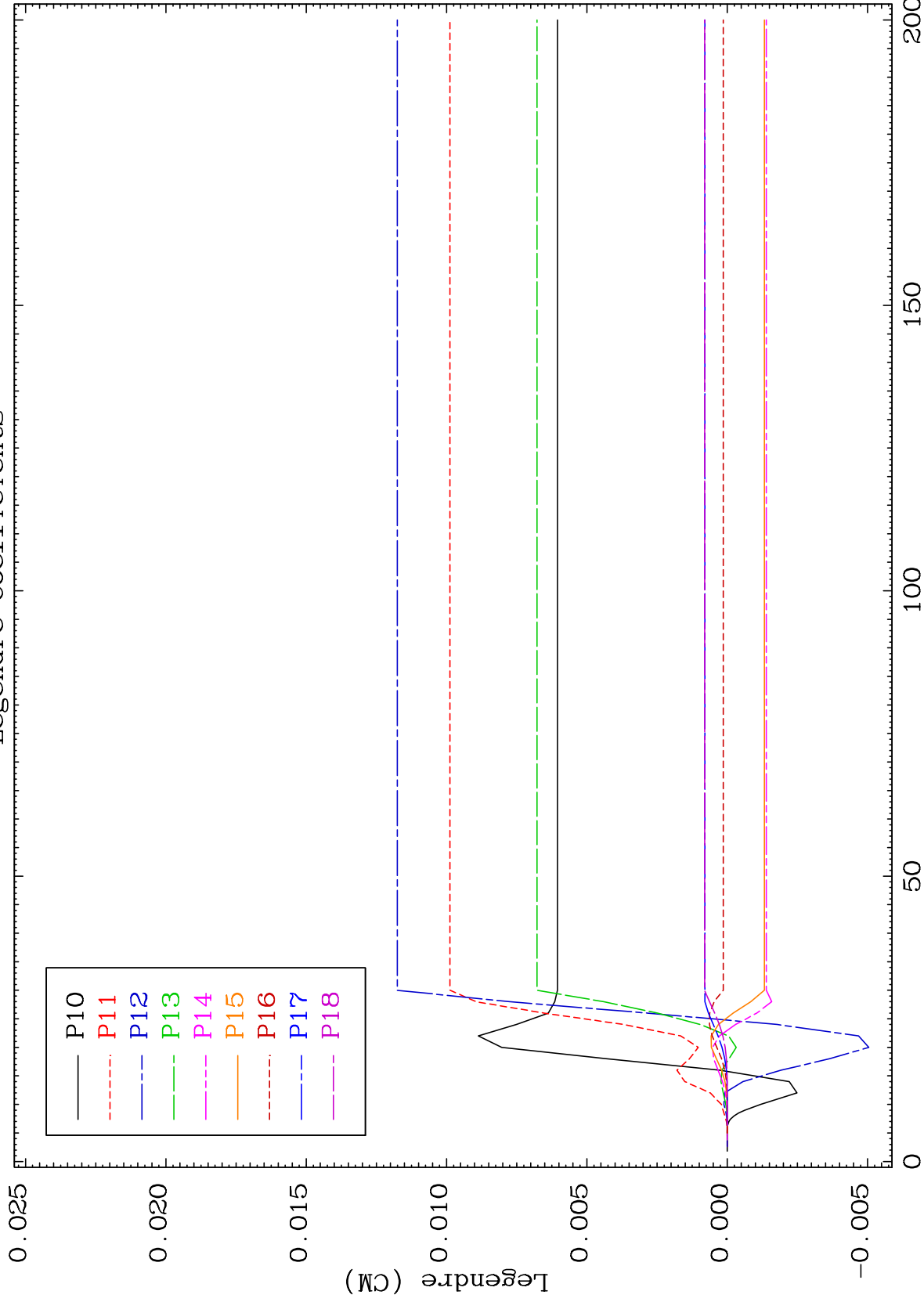
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



83

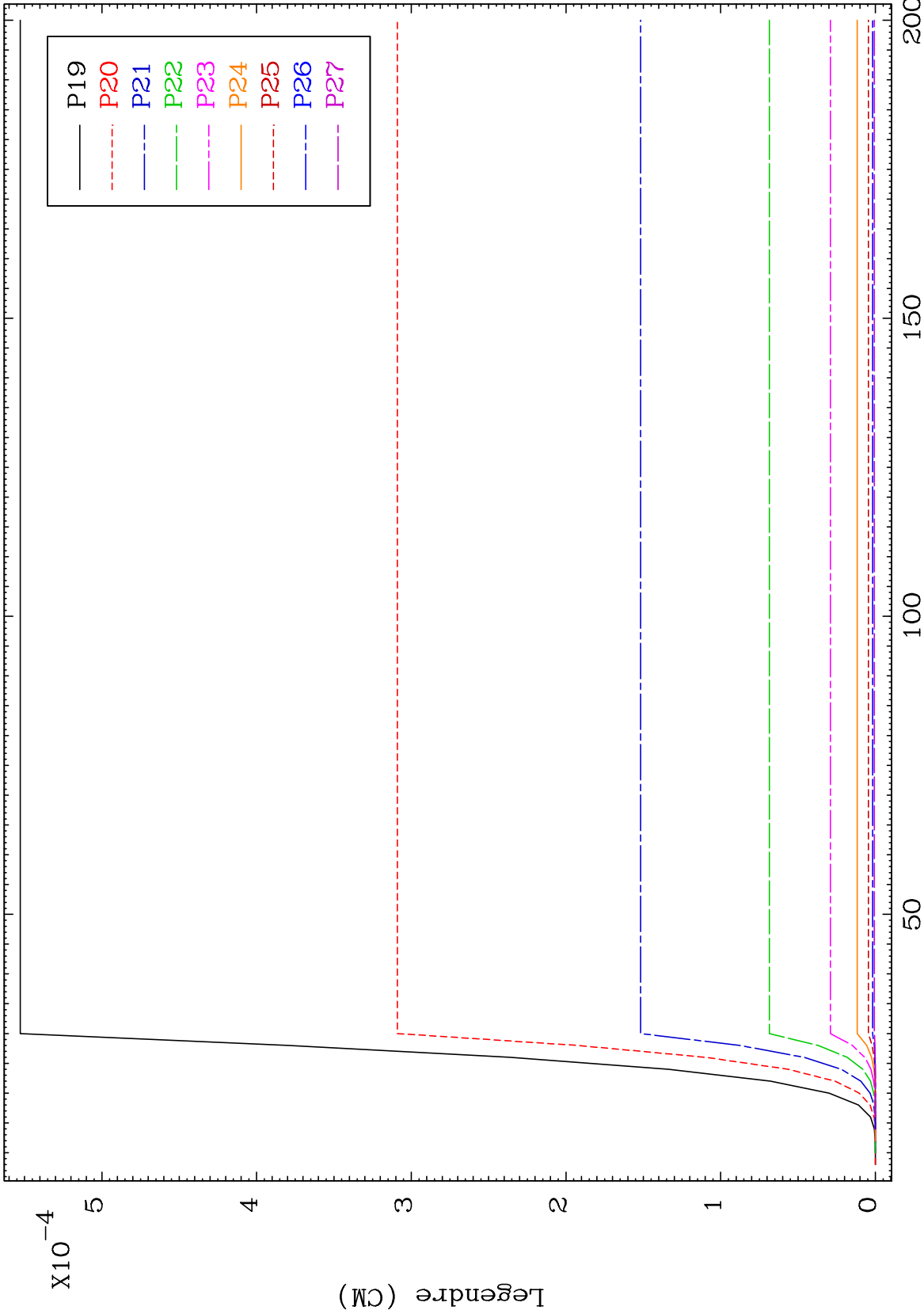
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



84

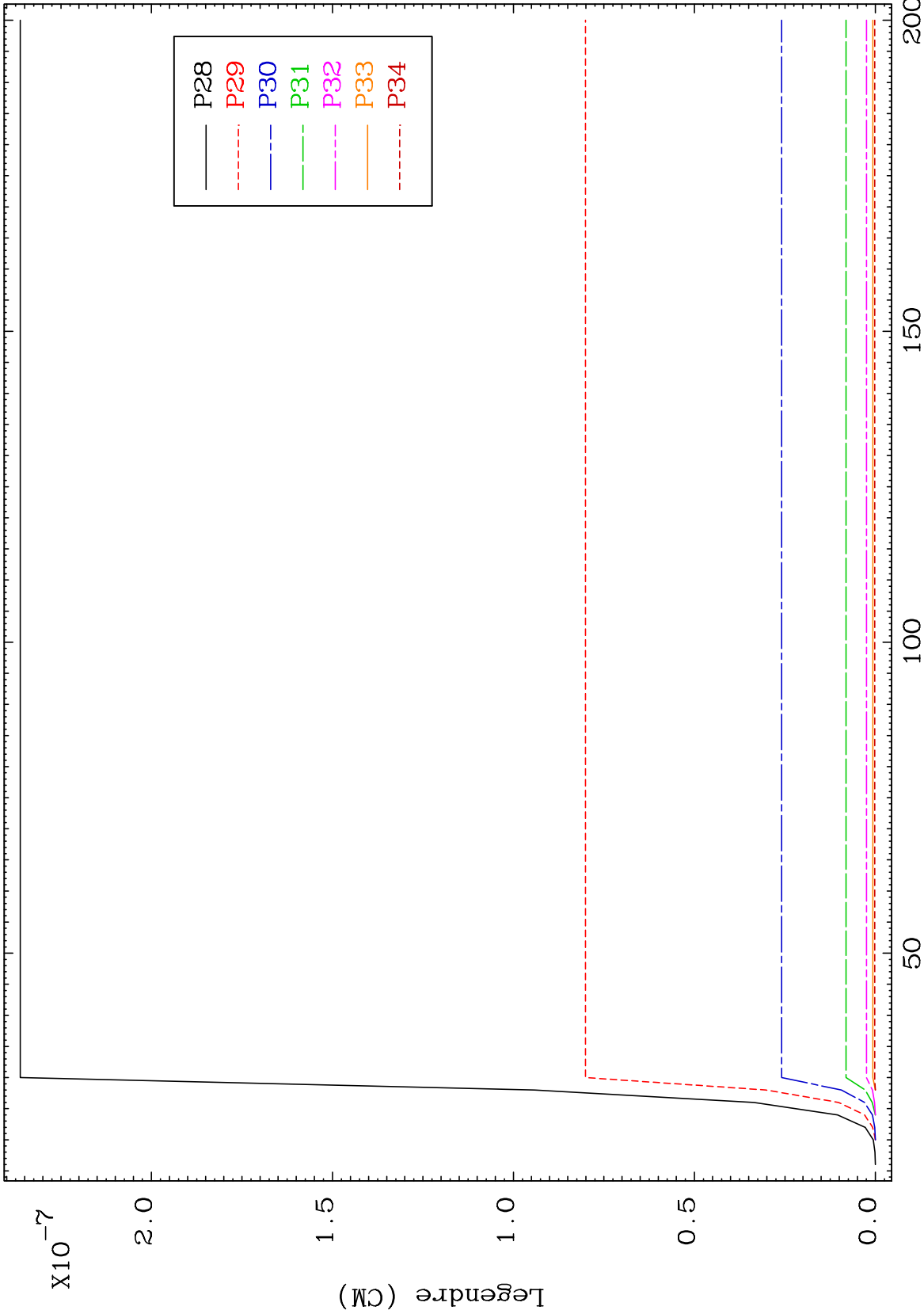
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



85

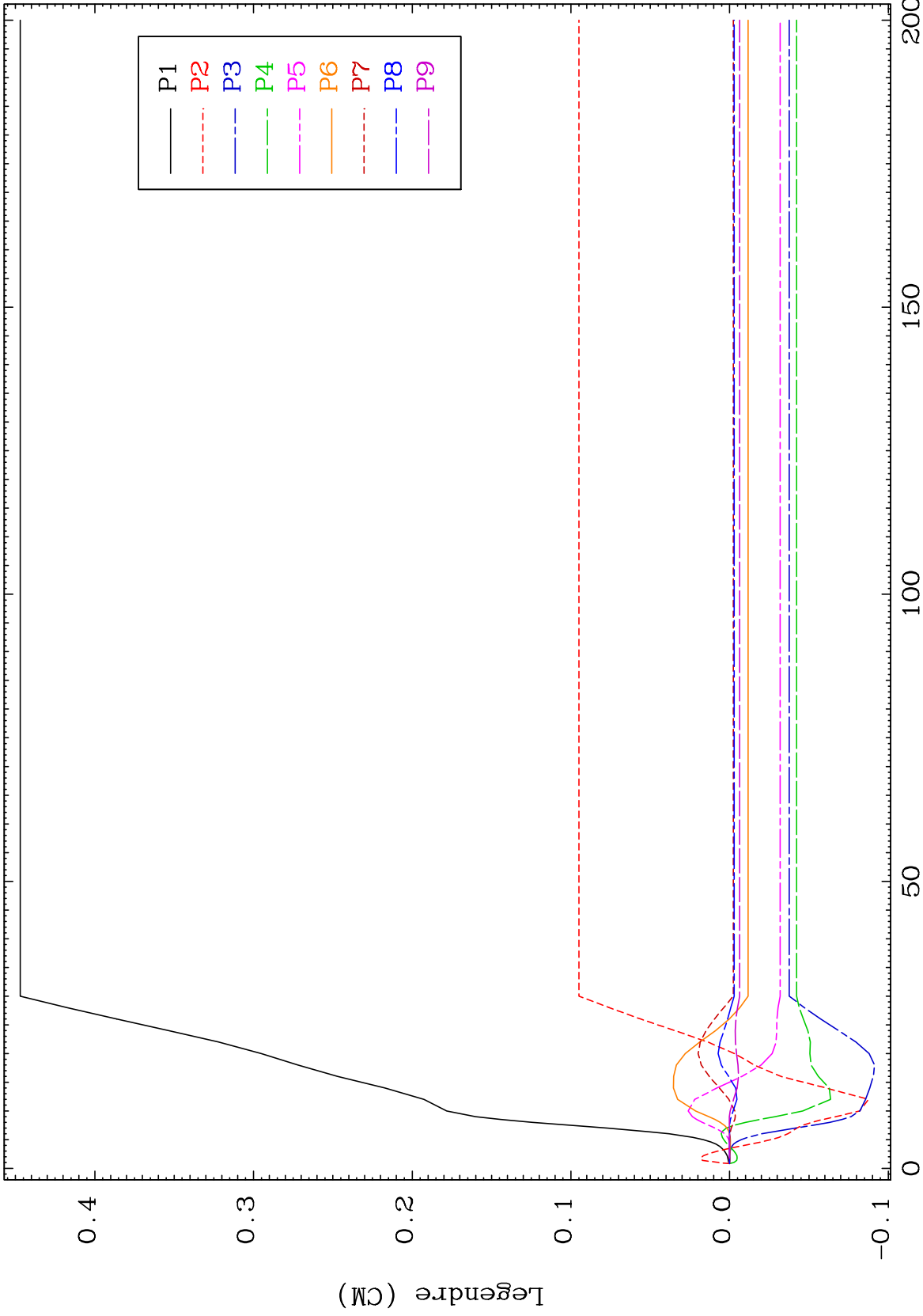
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



86

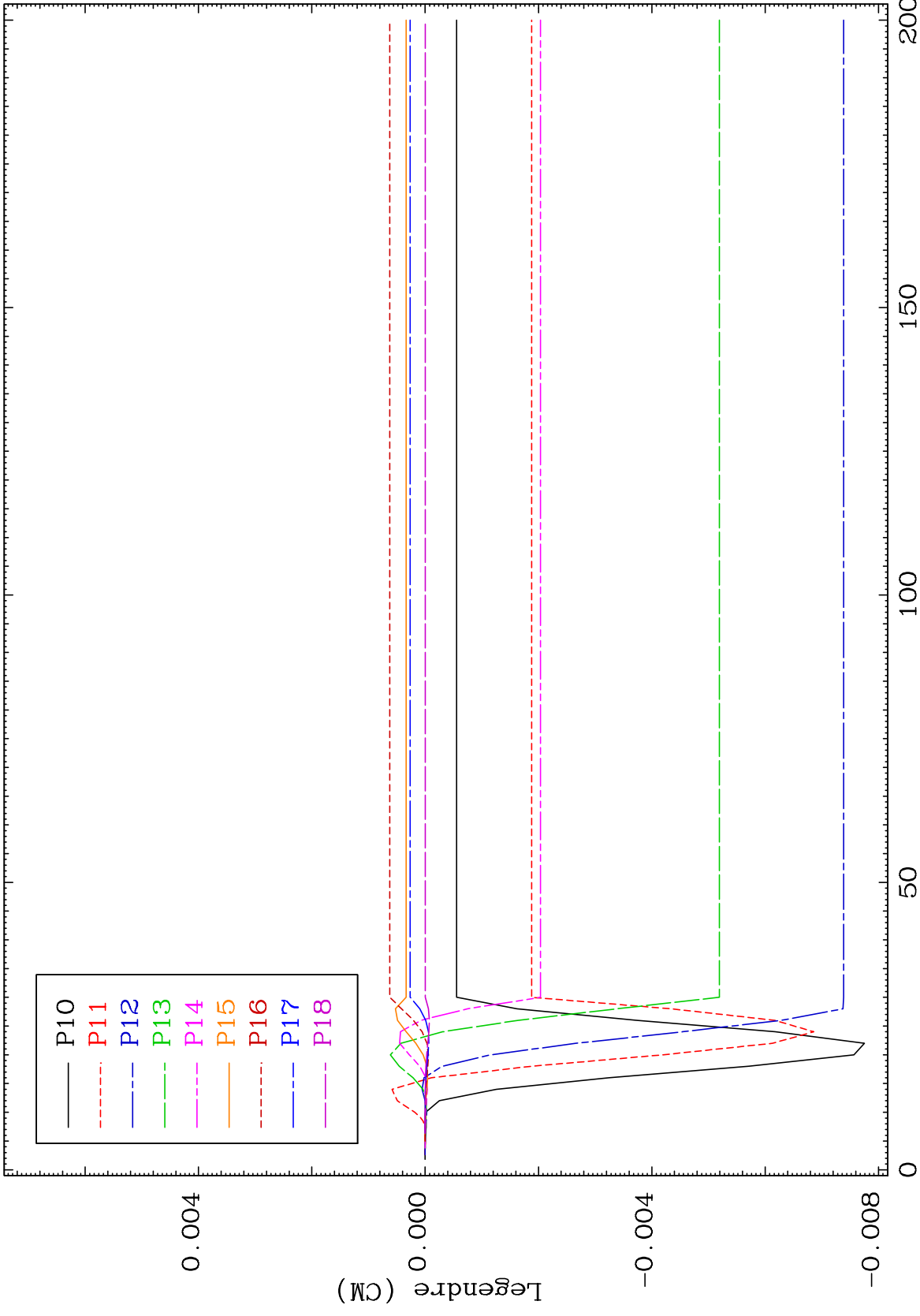
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



87

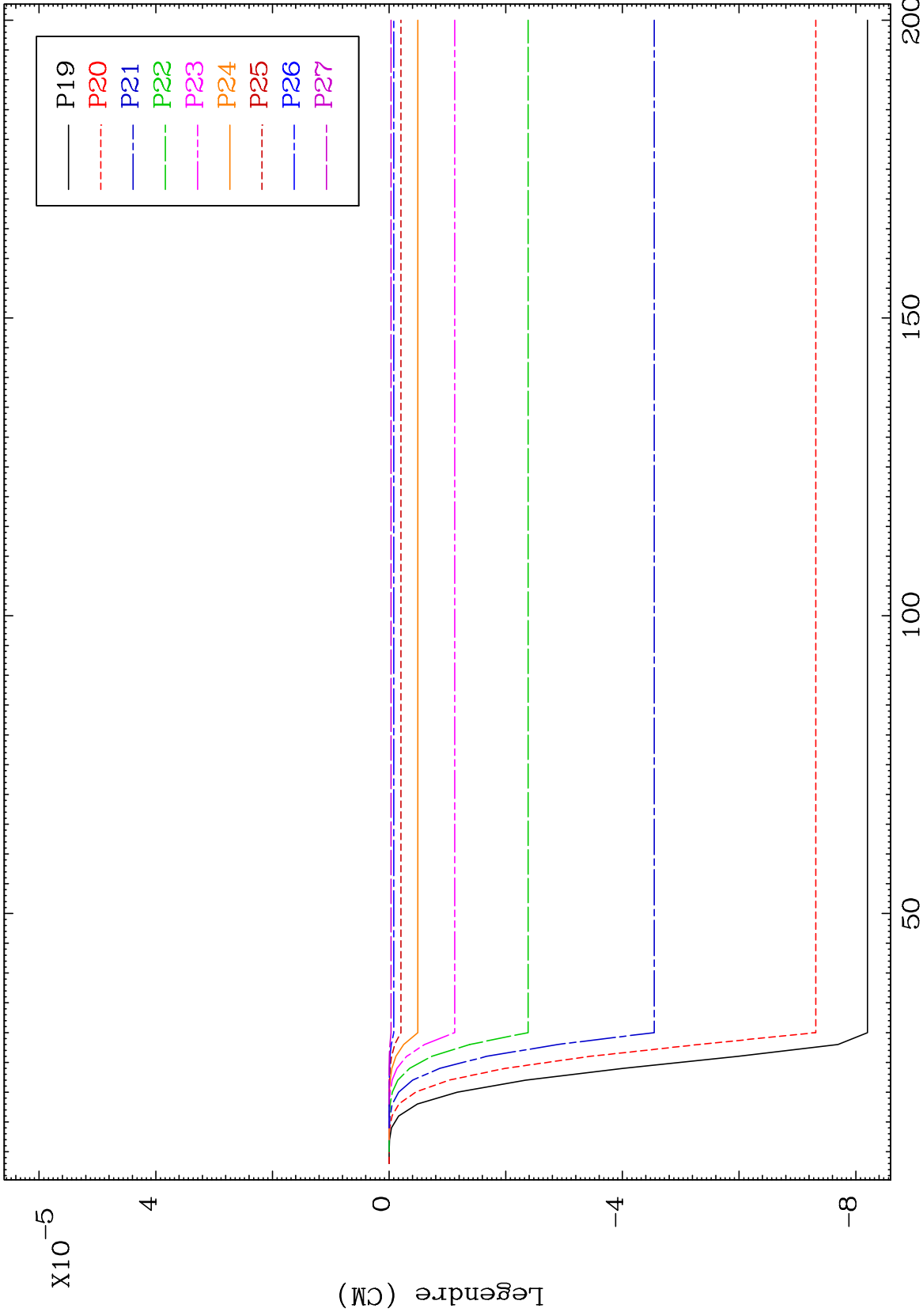
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

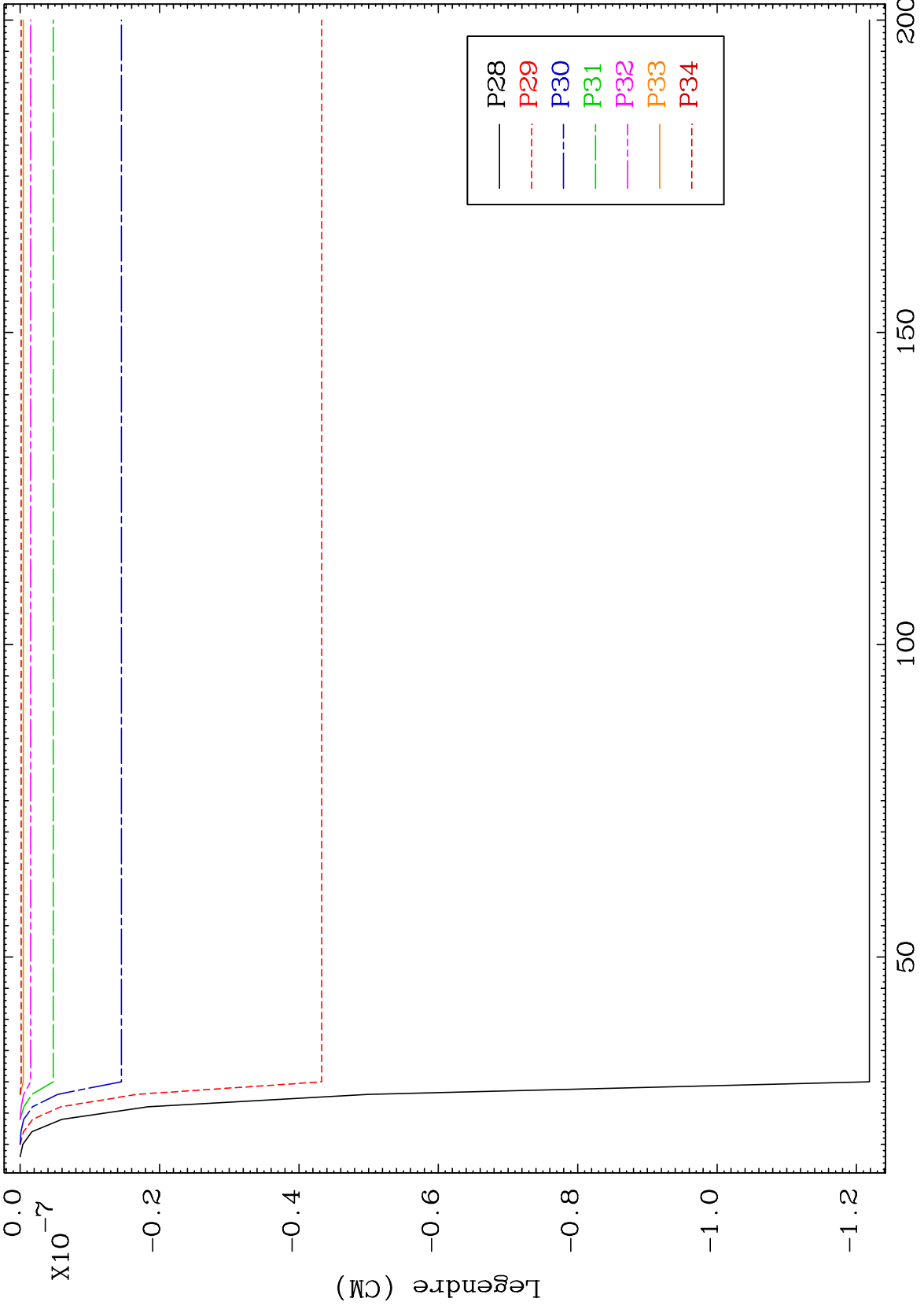
38-Sr-81



88

38-Sr-81

MAT 3816 MT= 68 (n,n') Level Legendre Coefficients 38-Sr-81

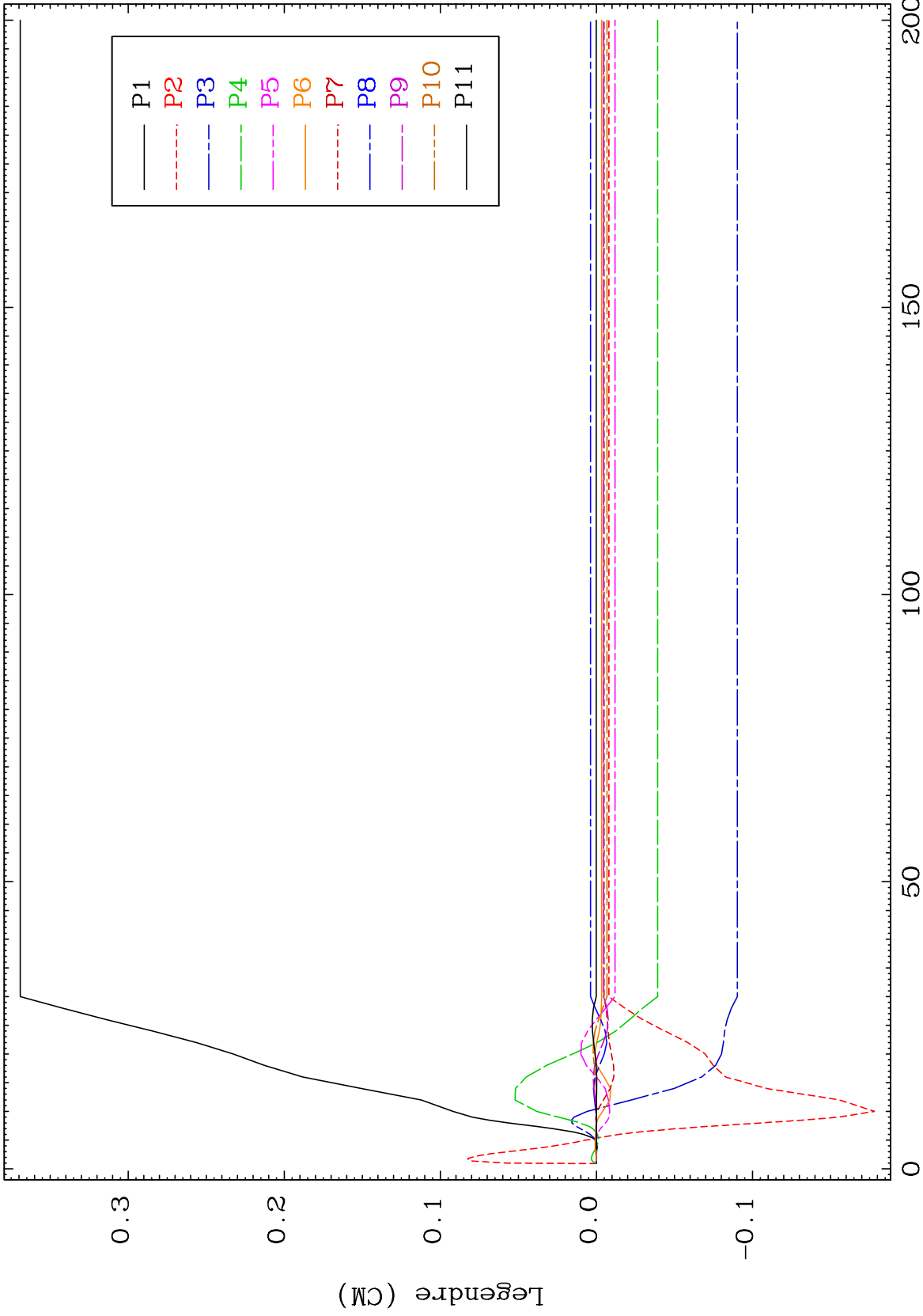


89 38-Sr-81

MAT 3816

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

38-Sr-81



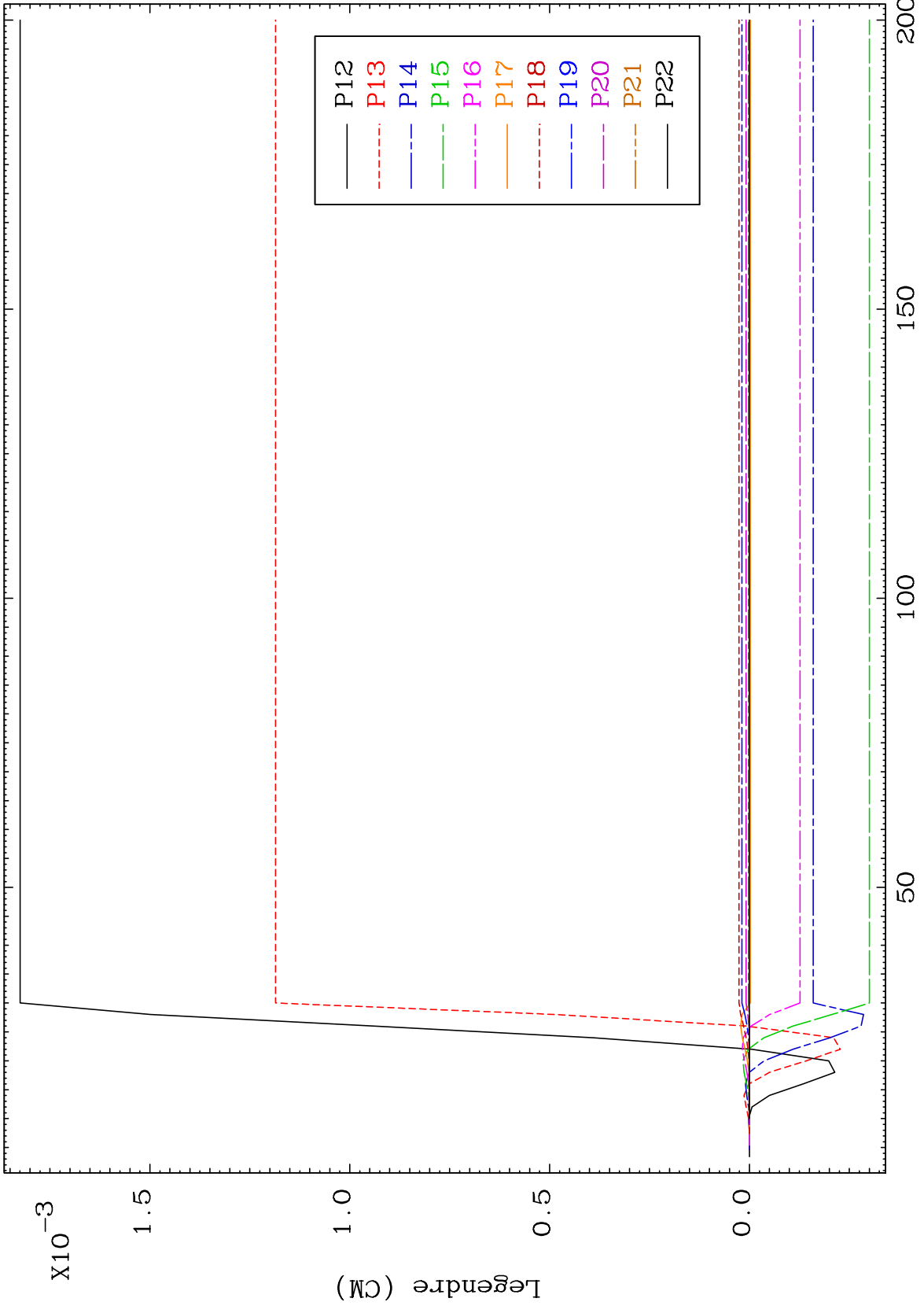
38-Sr-81

Incident Energy (MeV)

MAT 3816

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

38-Sr-81



91

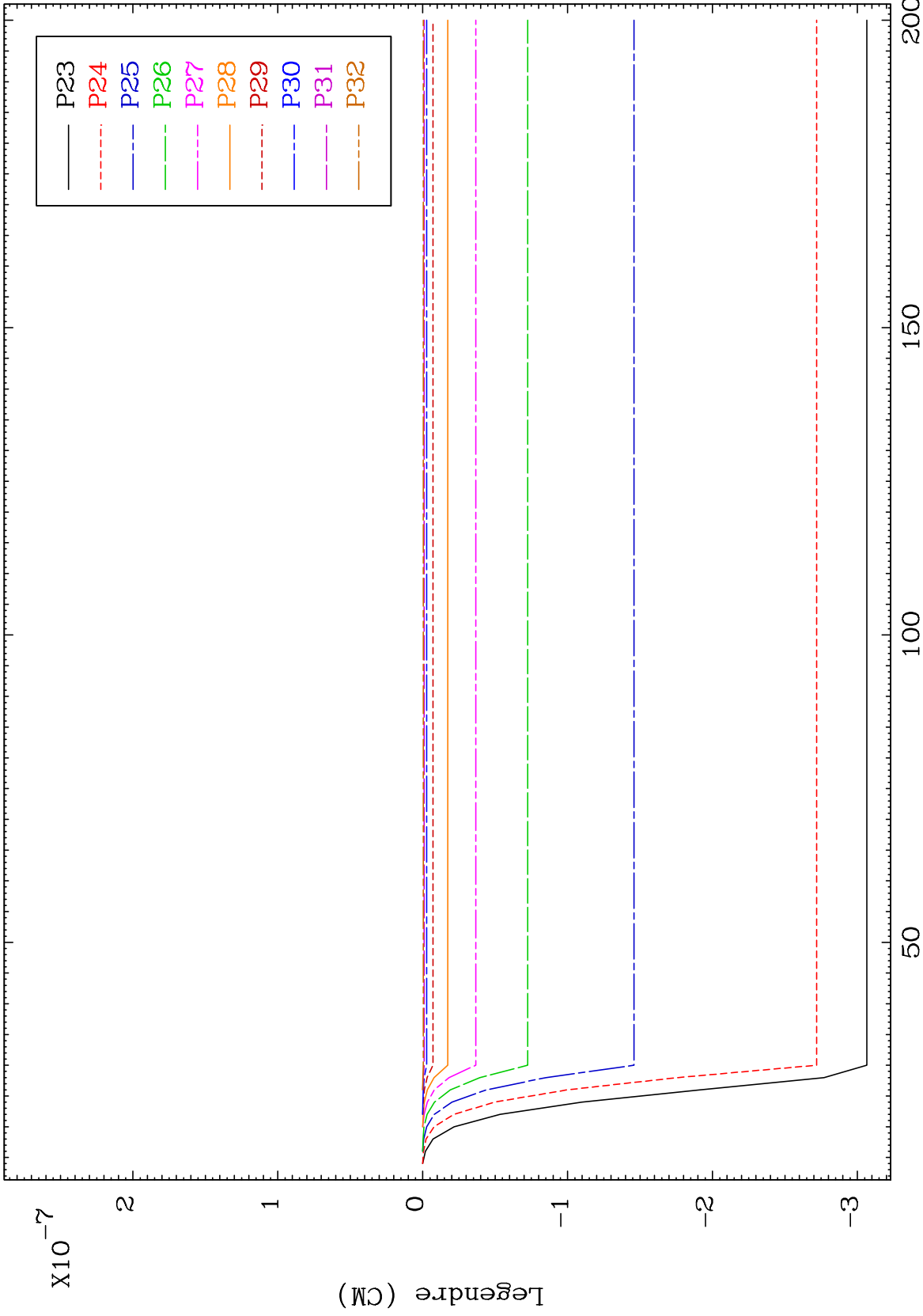
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



92

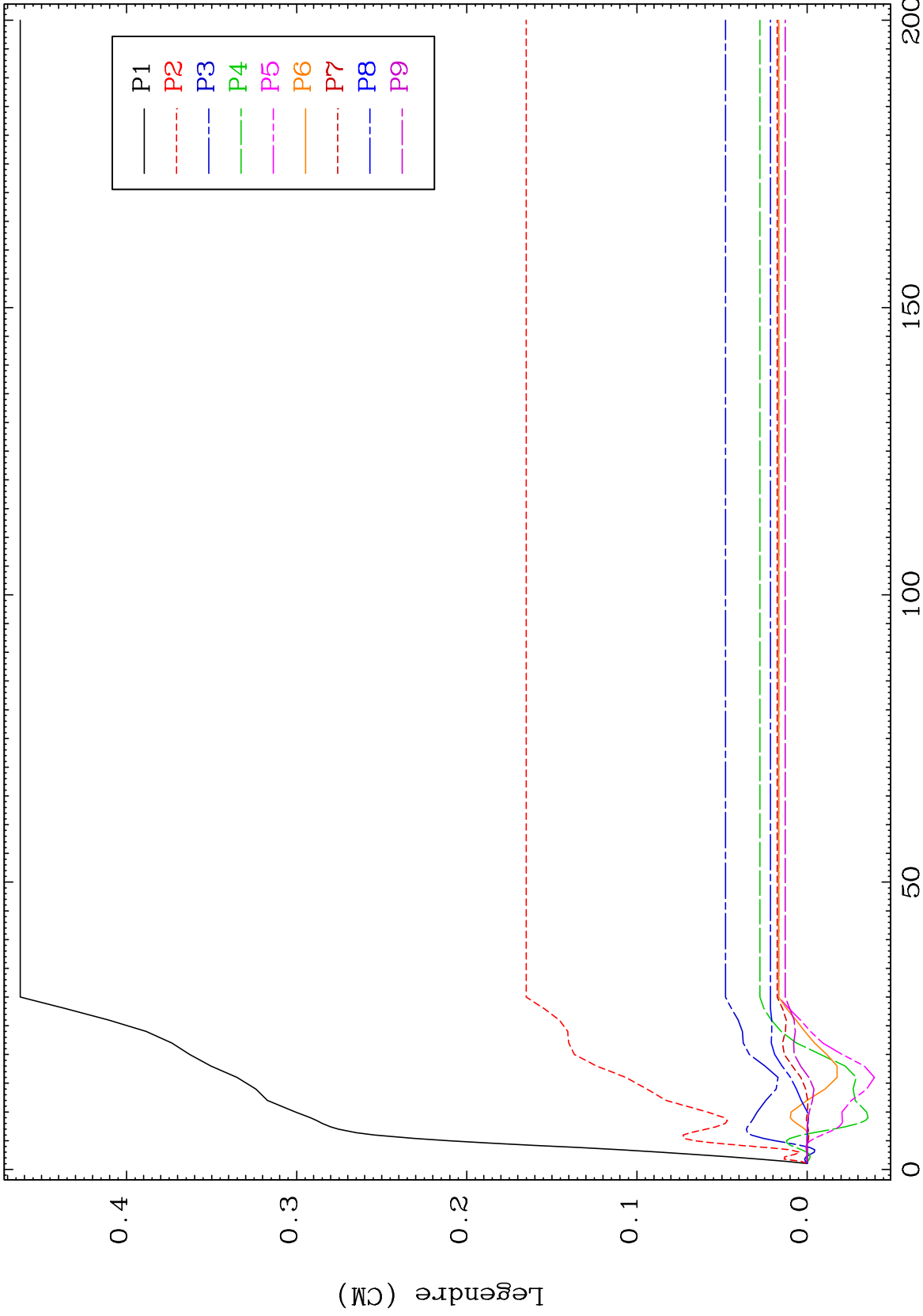
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



93

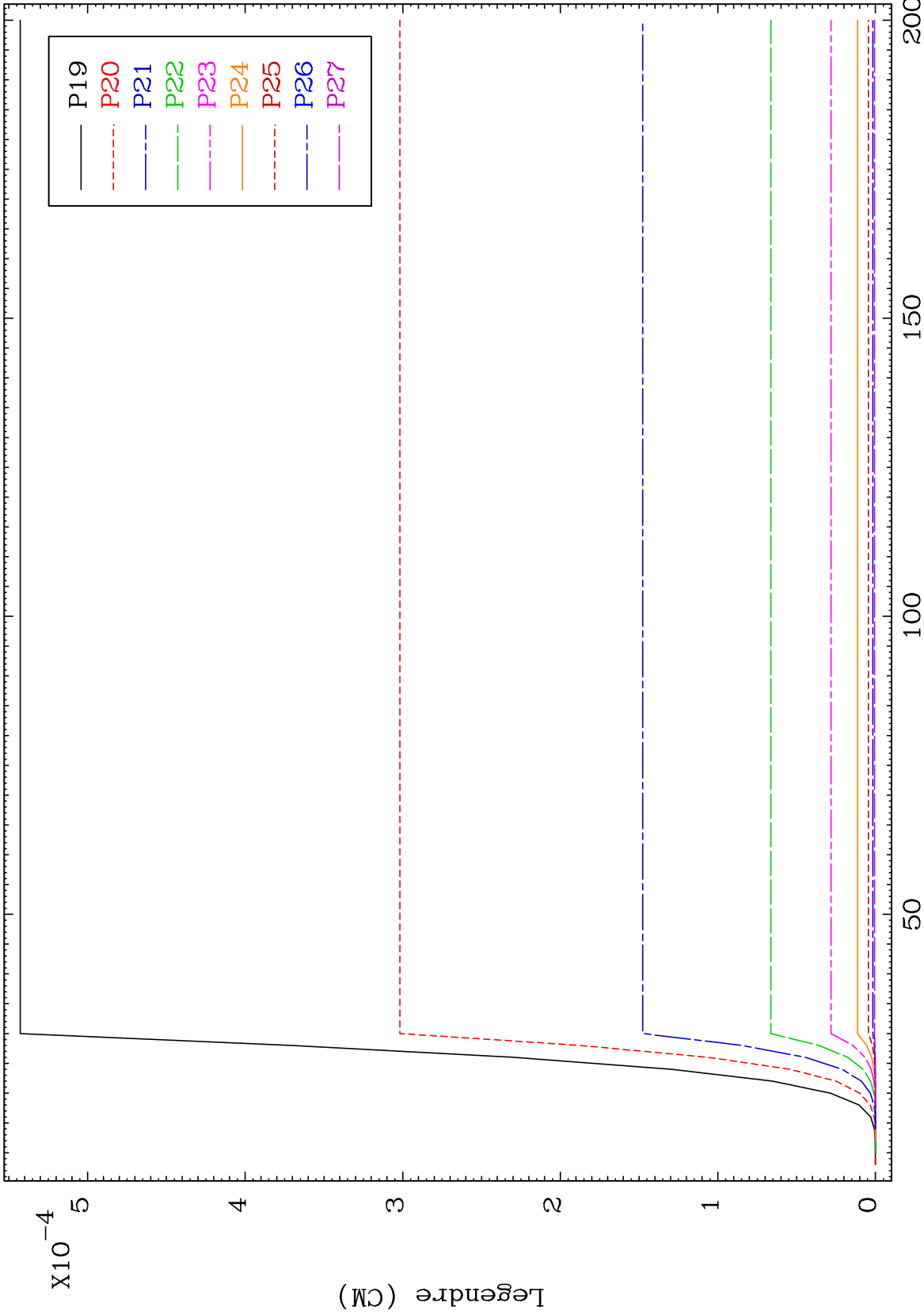
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



95

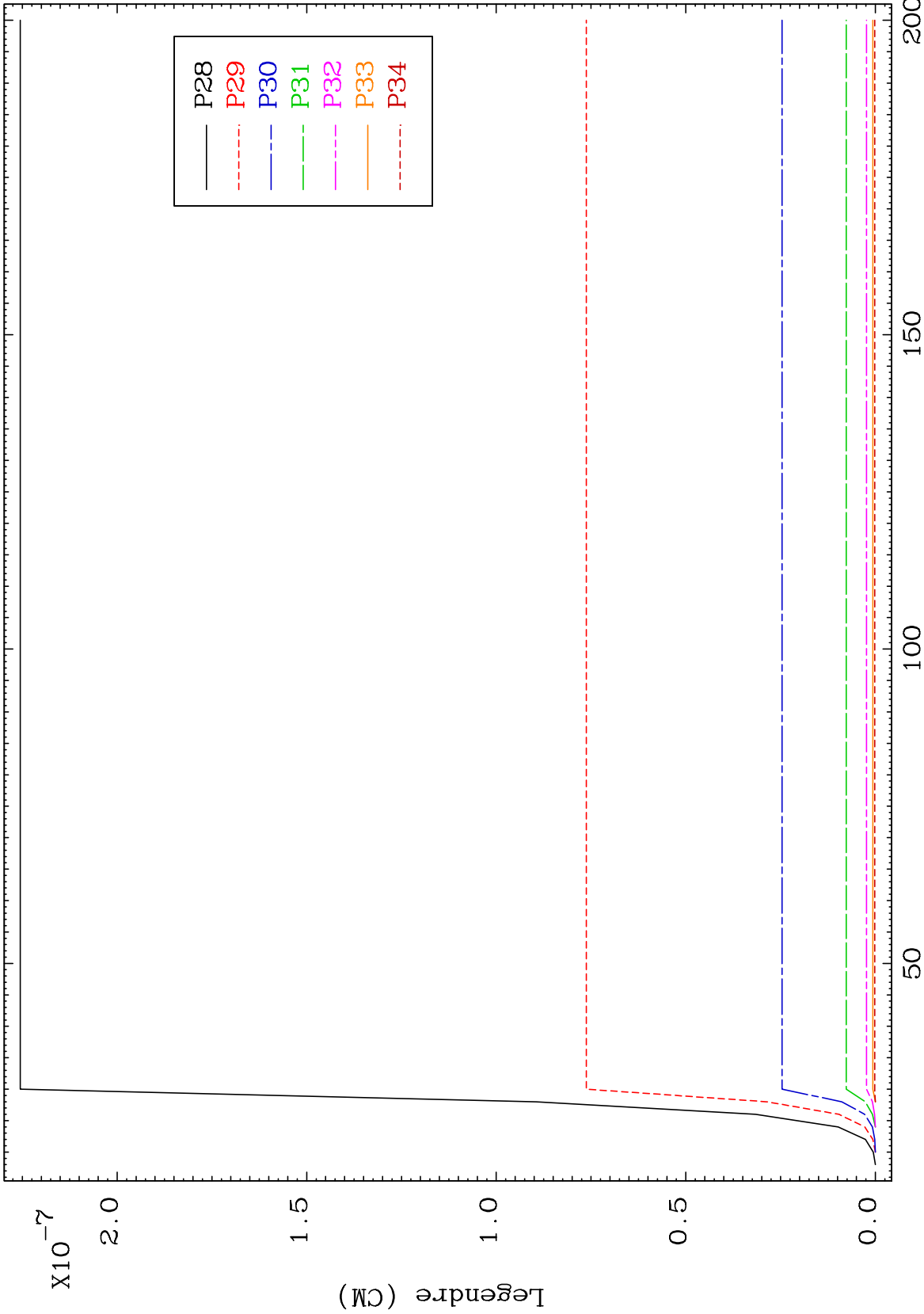
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



96

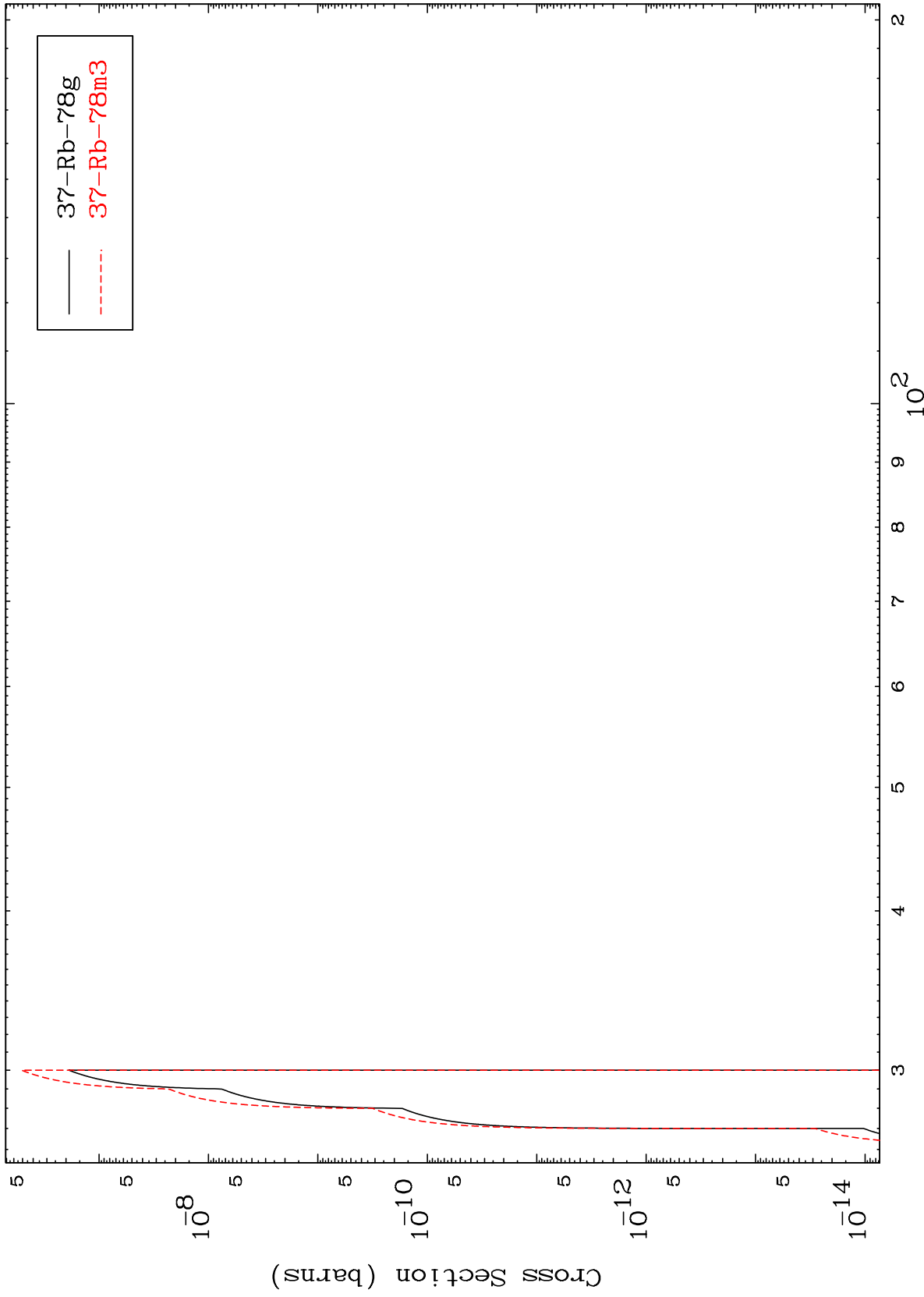
38-Sr-81

MAT 3816

(n,2n) d

38-Sr-81

Radionuclide Production Cross Section



97

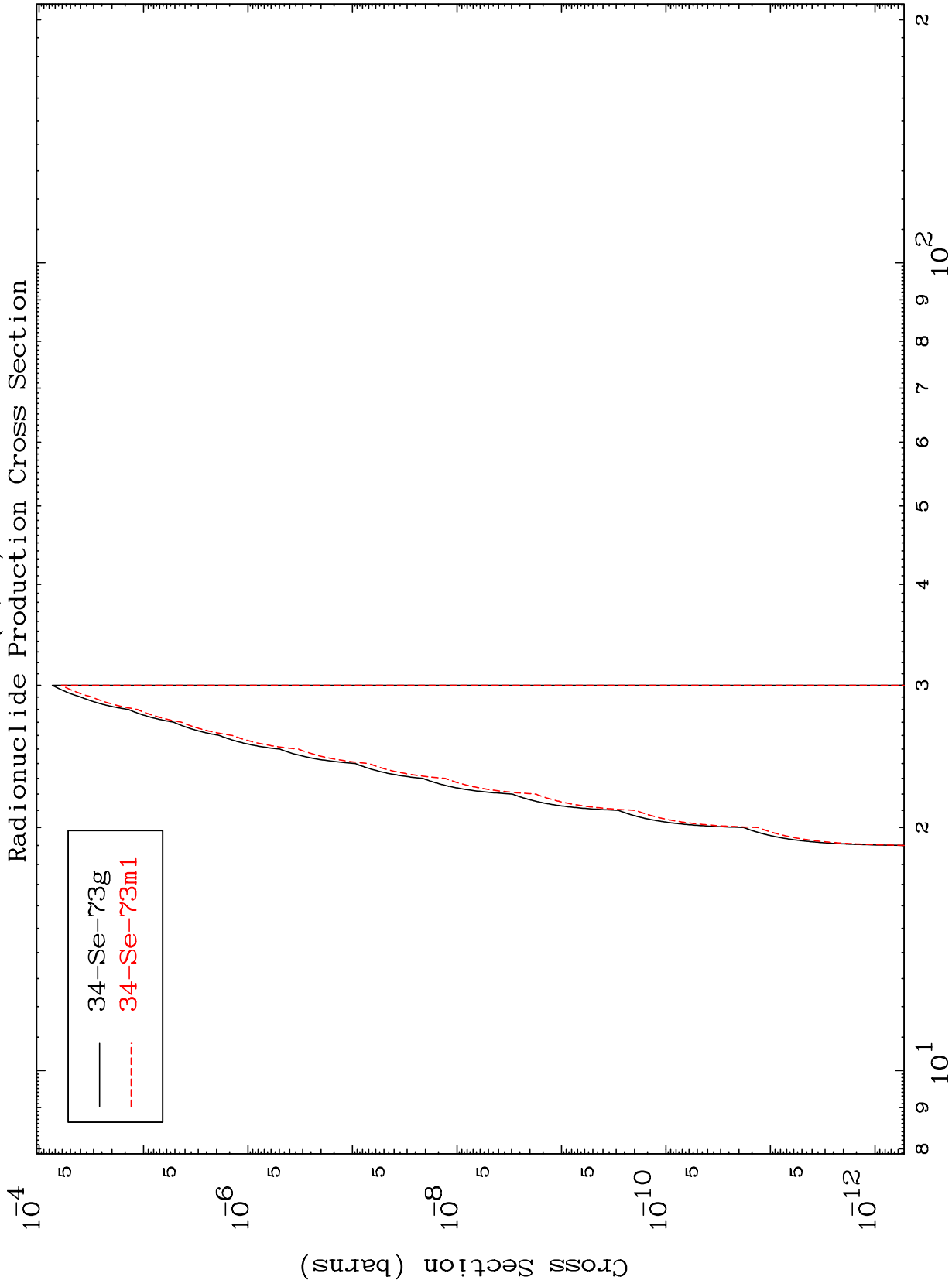
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n,n') 2 α

38-Sr-81



98

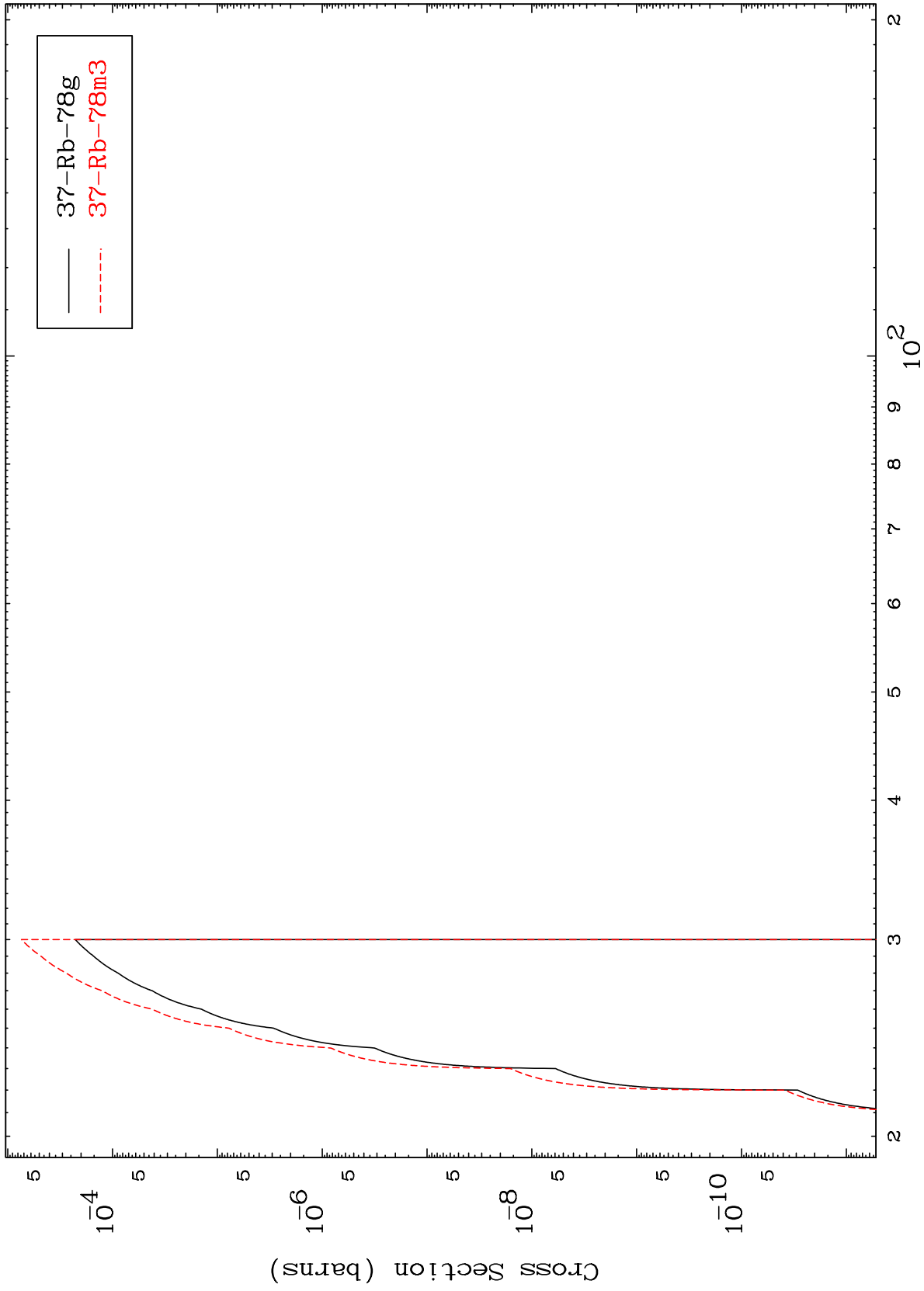
38-Sr-81

MAT 3816

(n,n') t

38-Sr-81

Radionuclide Production Cross Section



99

Incident Energy (MeV)

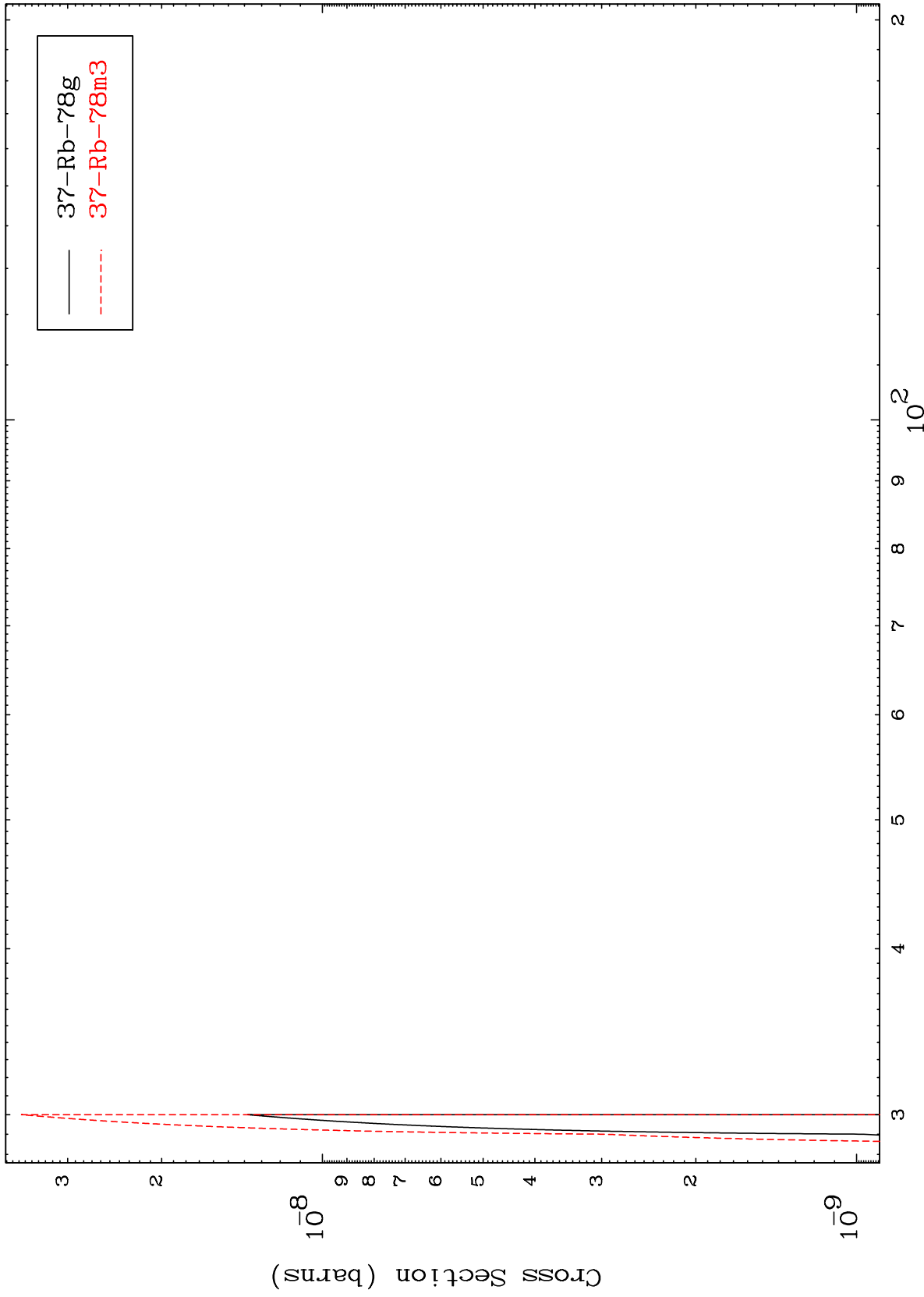
38-Sr-81

MAT 3816

(n,3n) p

38-Sr-81

Radionuclide Production Cross Section



100

Incident Energy (MeV)

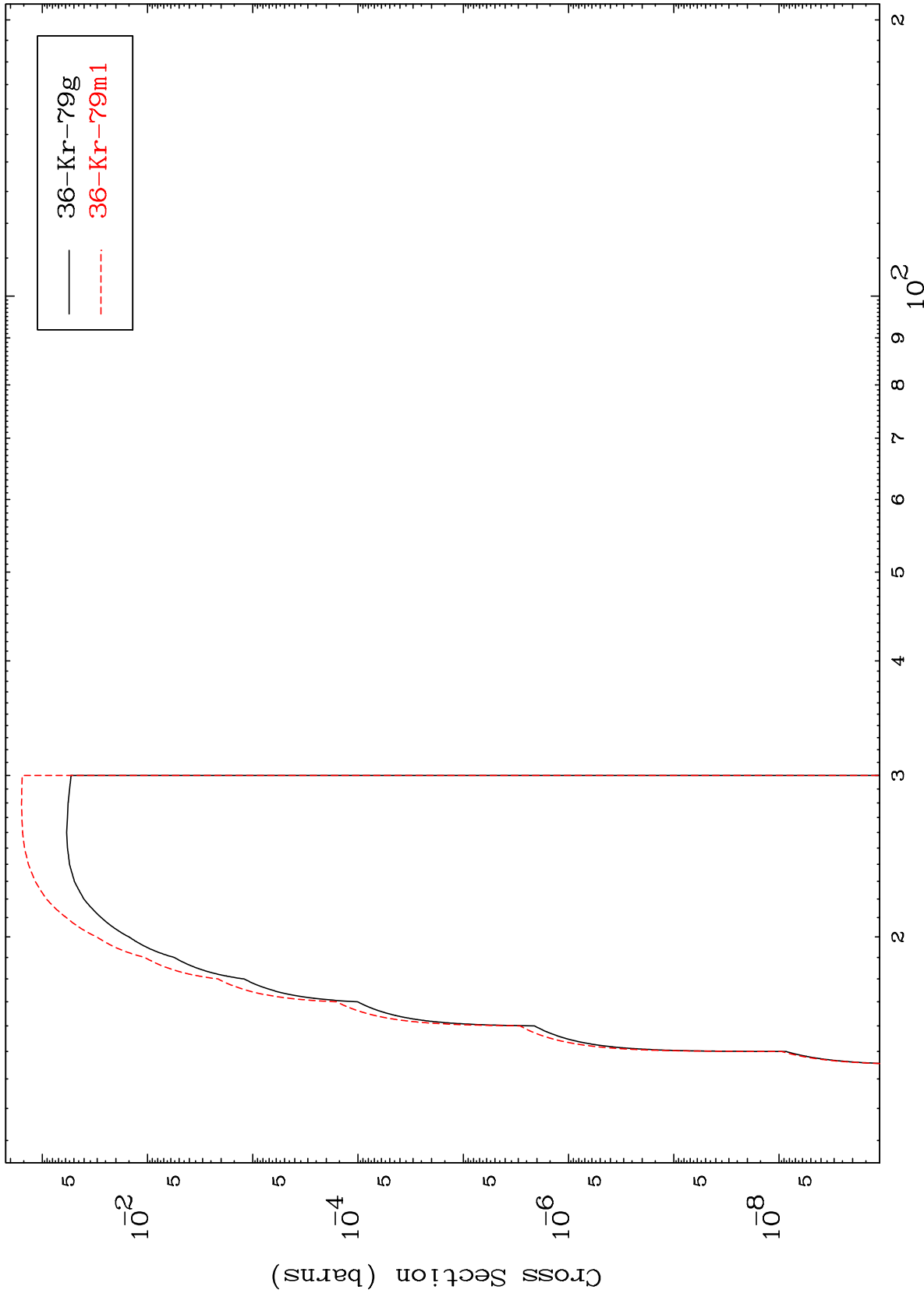
38-Sr-81

MAT 3816

(n,2n) p

38-Sr-81

Radionuclide Production Cross Section



101

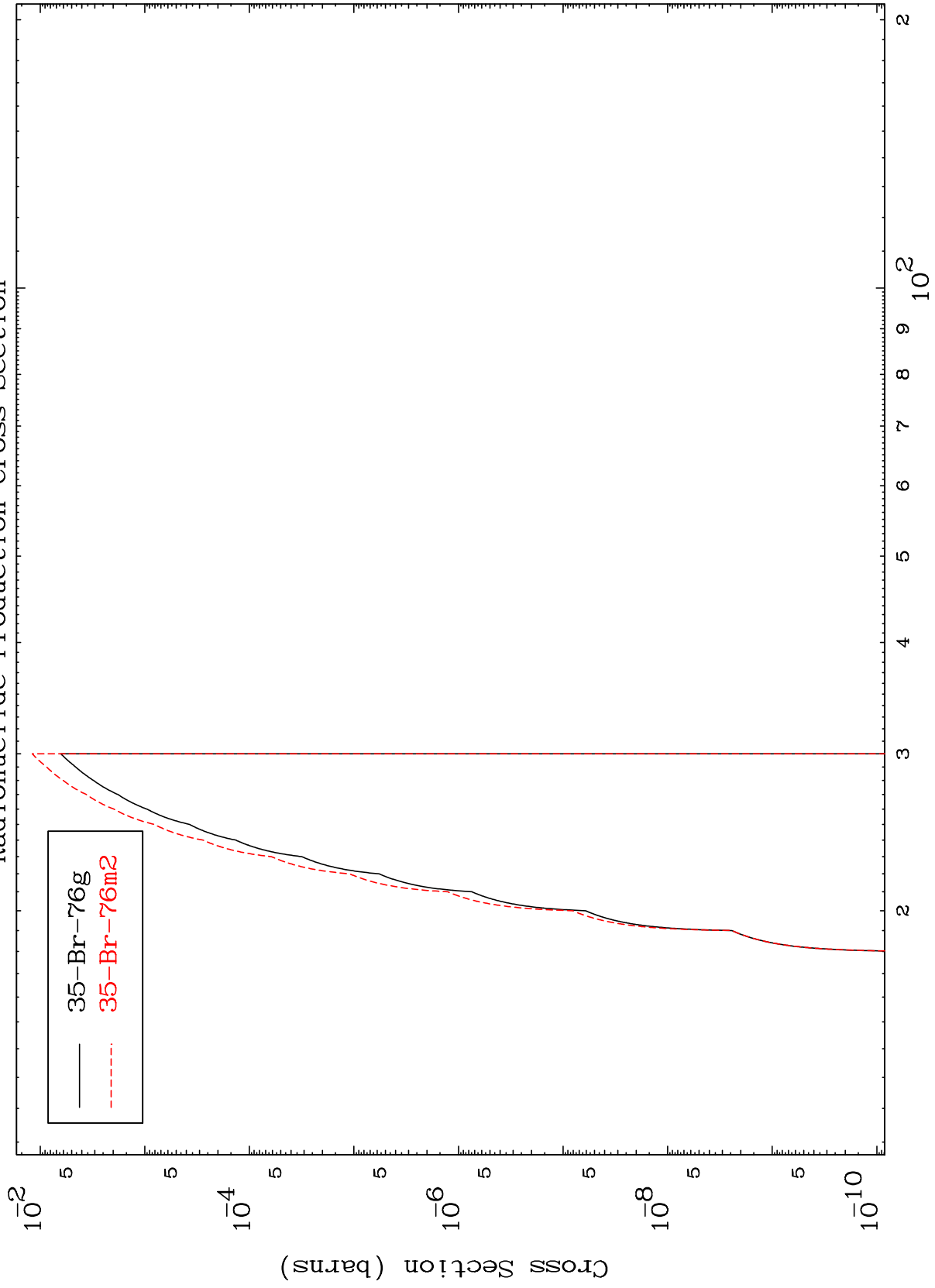
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

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

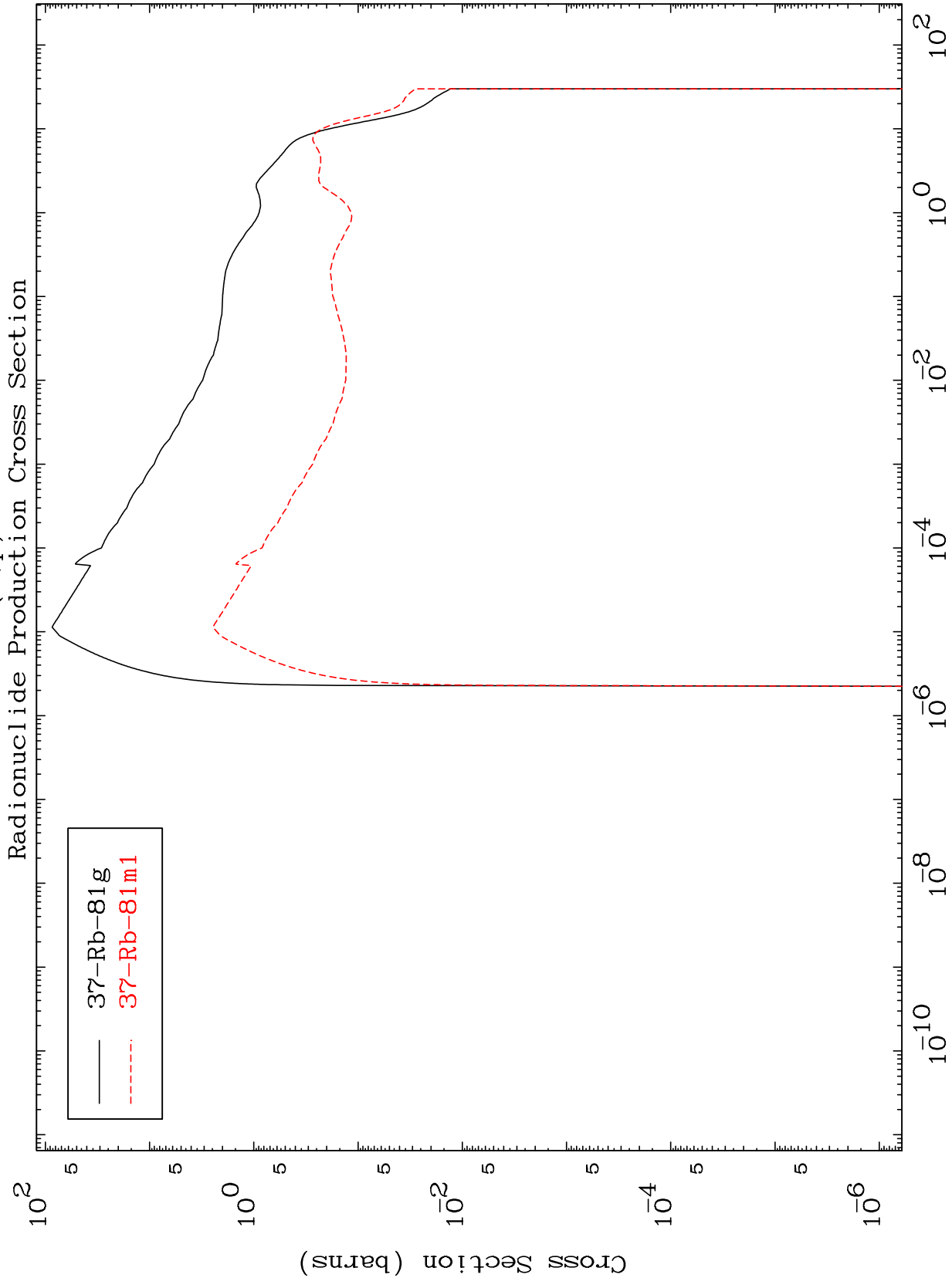


102

38-Sr-81

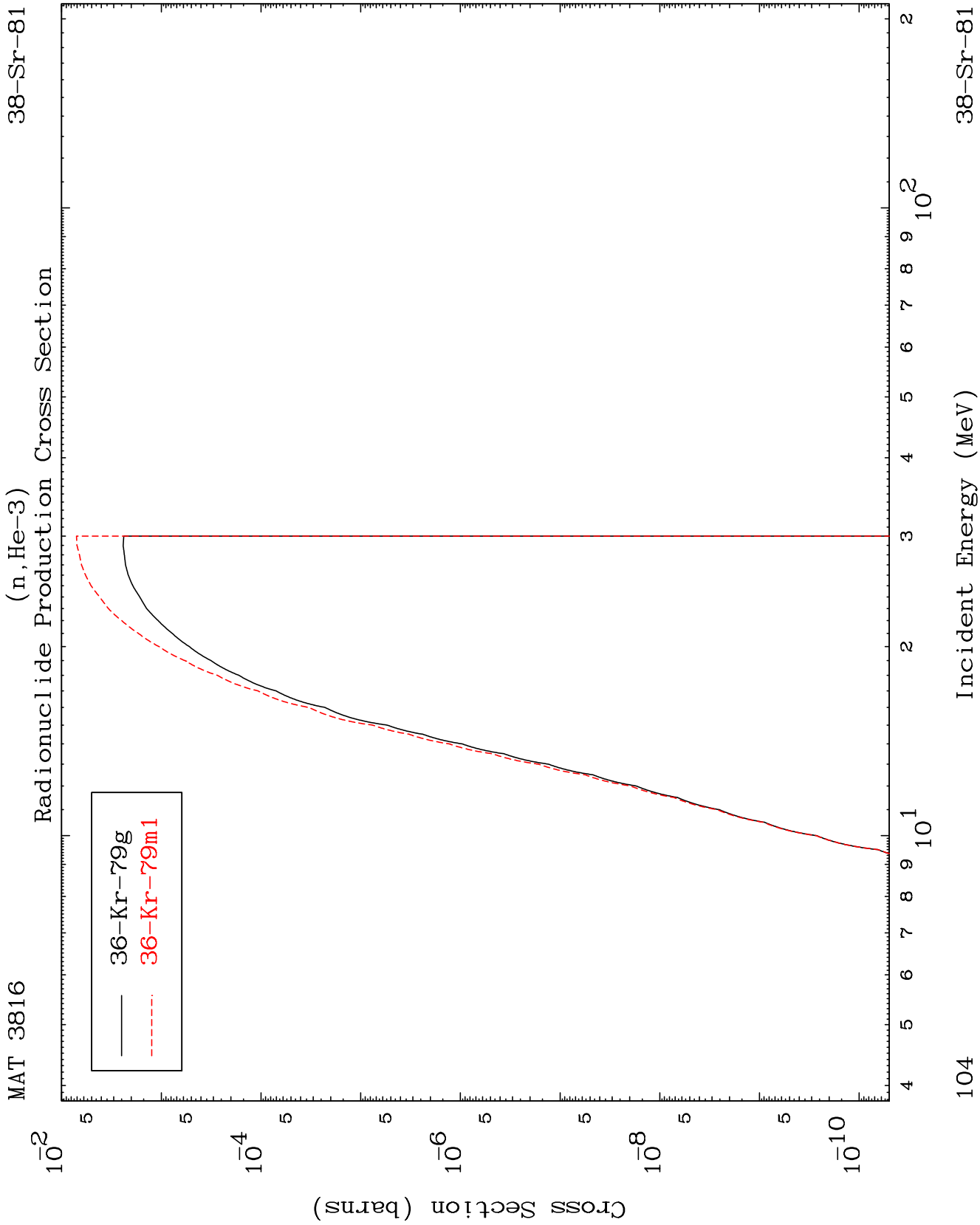
MAT 3816

38-Sr-81



103

38-Sr-81

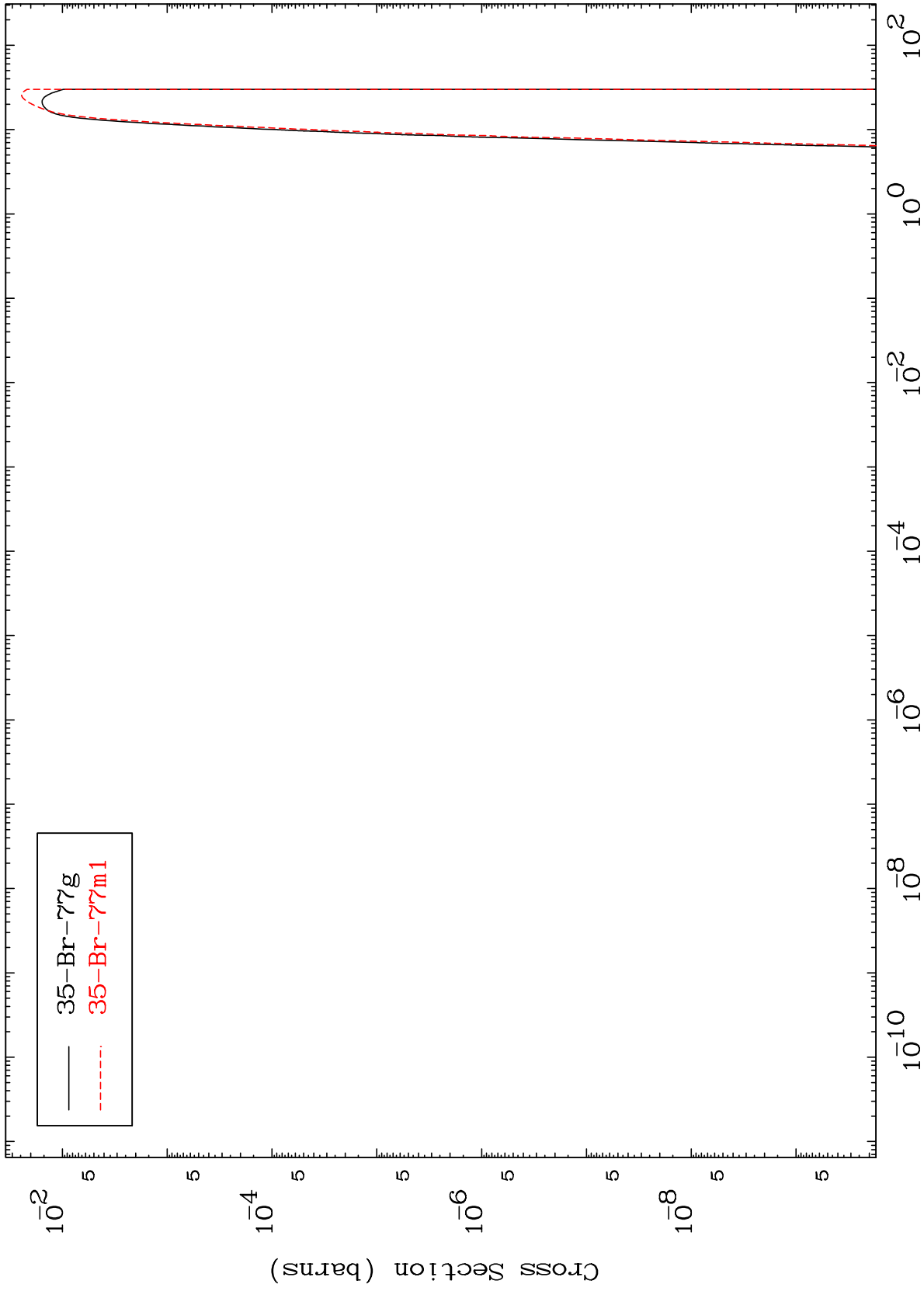


MAT 3816

(n,p) α

³⁸Sr-81

Radionuclide Production Cross Section



105

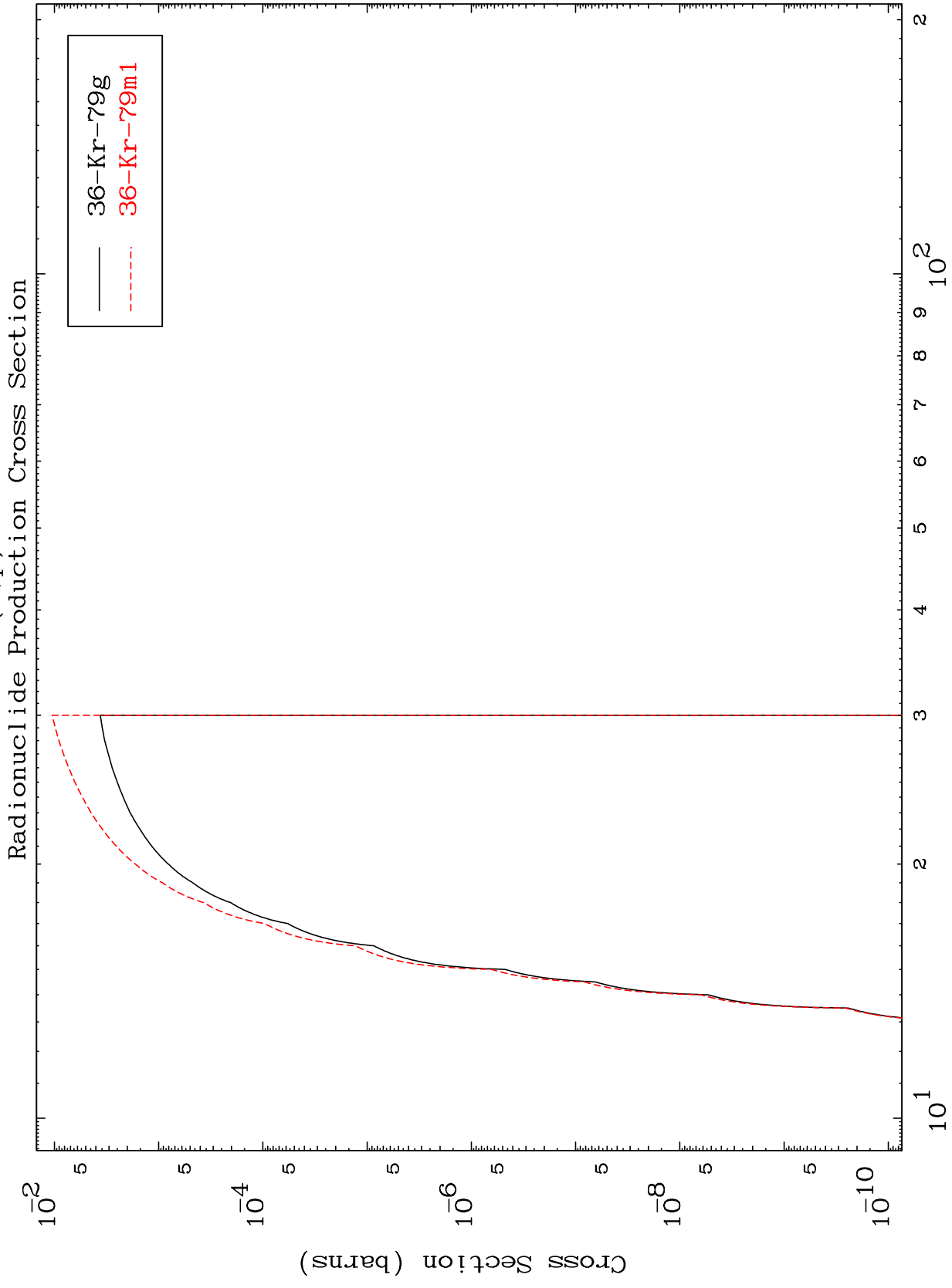
Incident Energy (MeV)

³⁸Sr-81

MAT 3816

(n,p) d

38-Sr-81



38-Sr-81

Incident Energy (MeV)

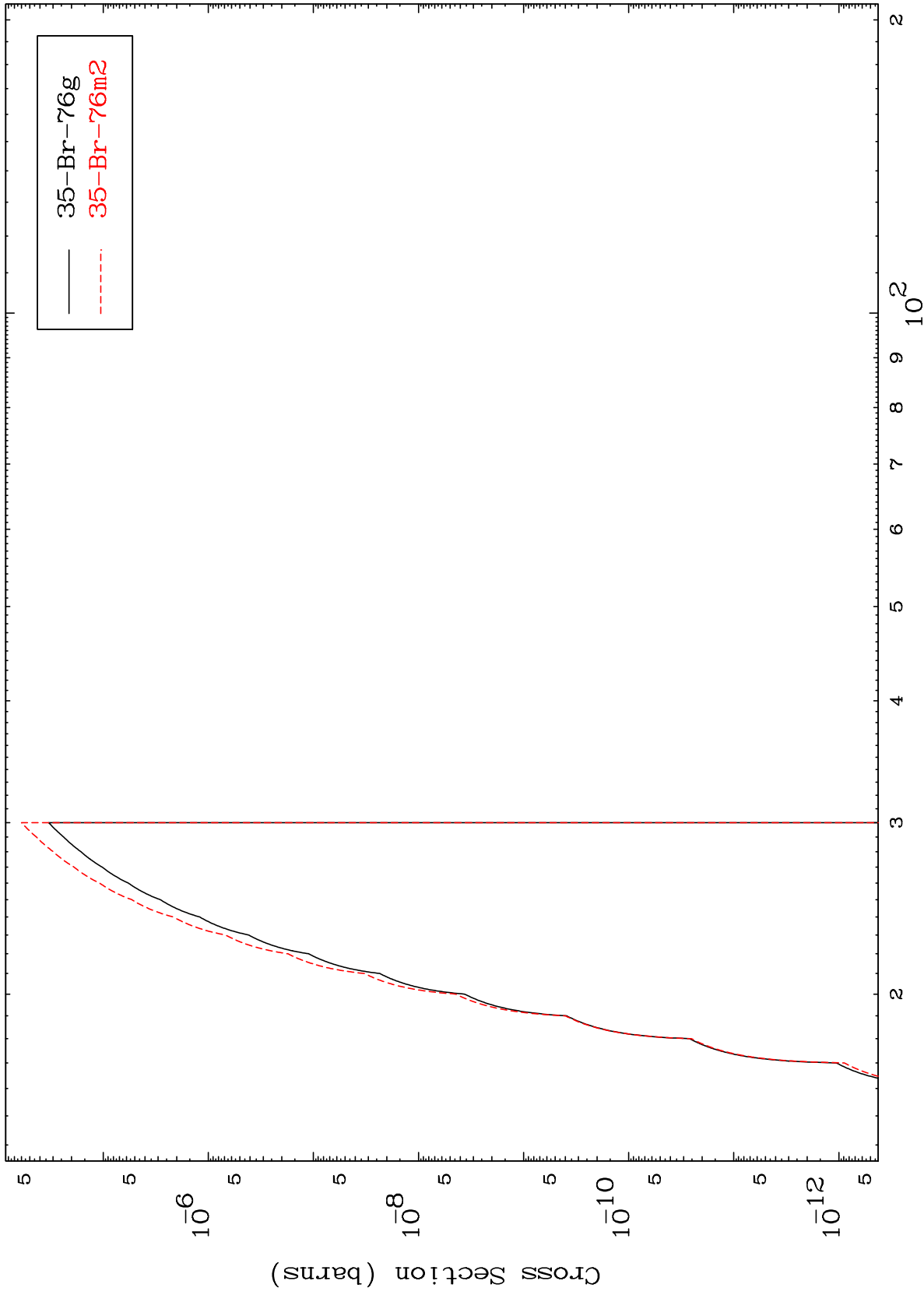
106

MAT 3816

(n,d) α

38-Sr-81

Radionuclide Production Cross Section



107

Incident Energy (MeV)

38-Sr-81