

Program EVALPLOT
(Version 2021-1)

by

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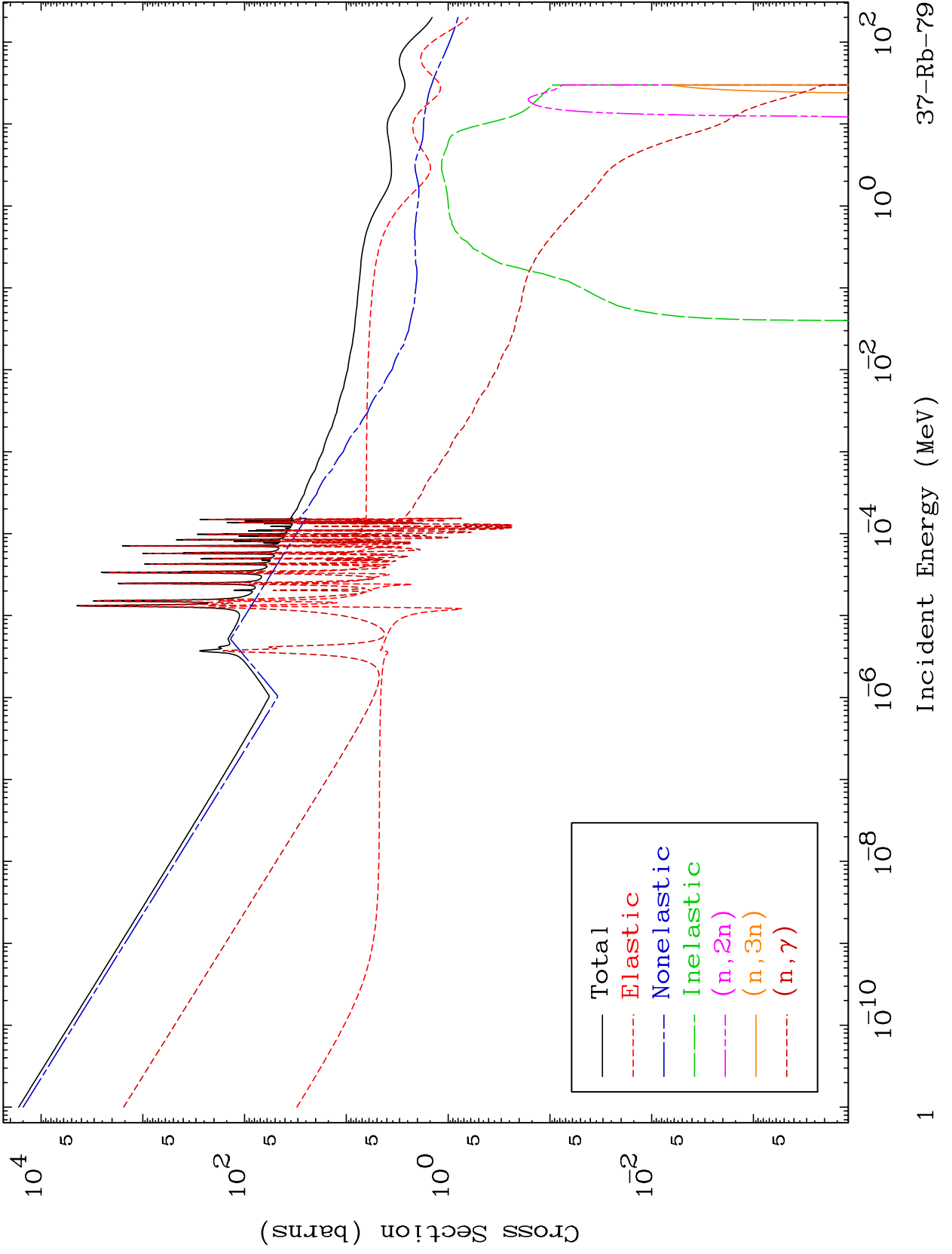
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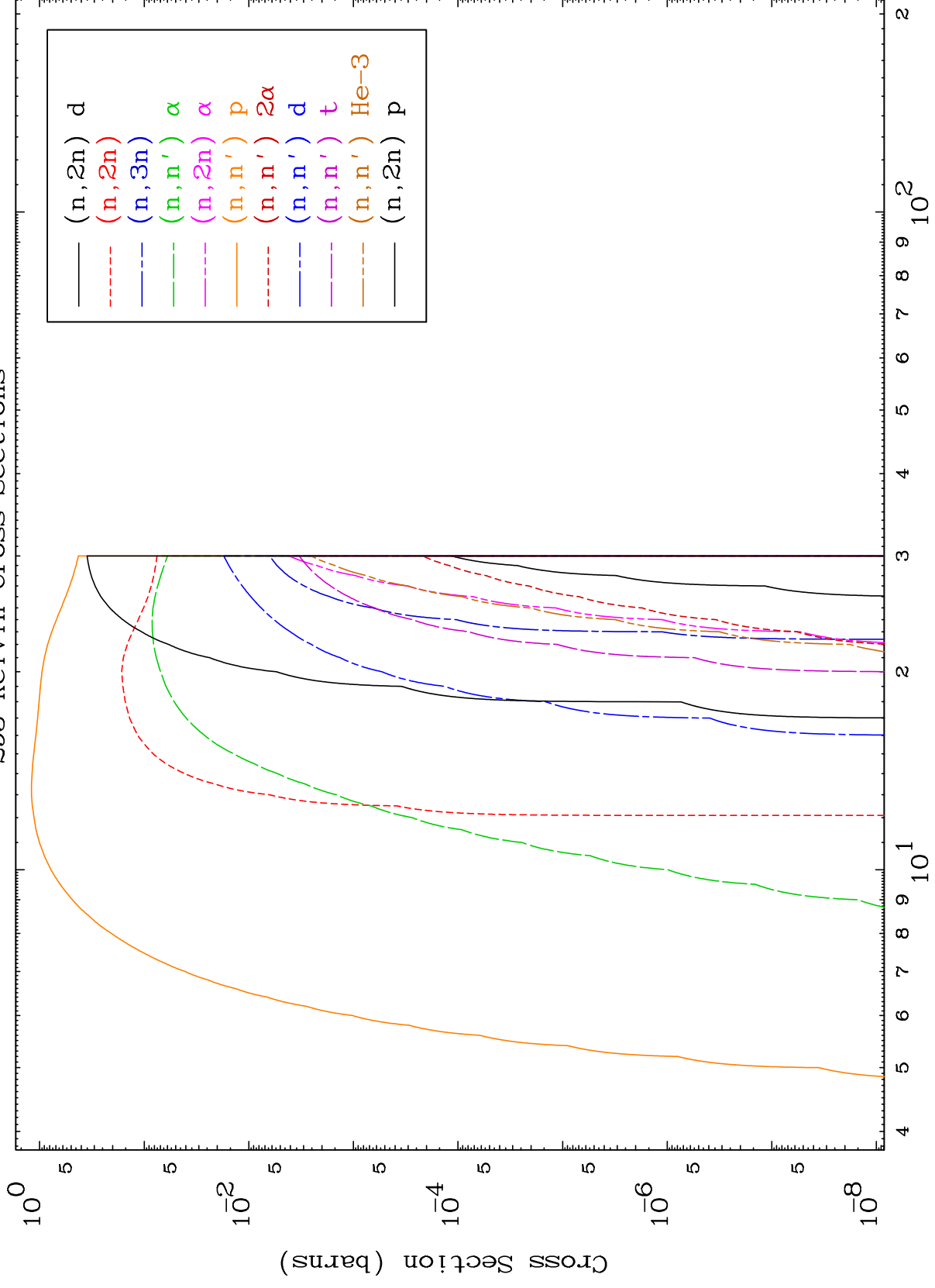
Press Mouse Button to Start

MAT 3707

Neutron Major
293 Kelvin Cross Sections

37-Rb-79

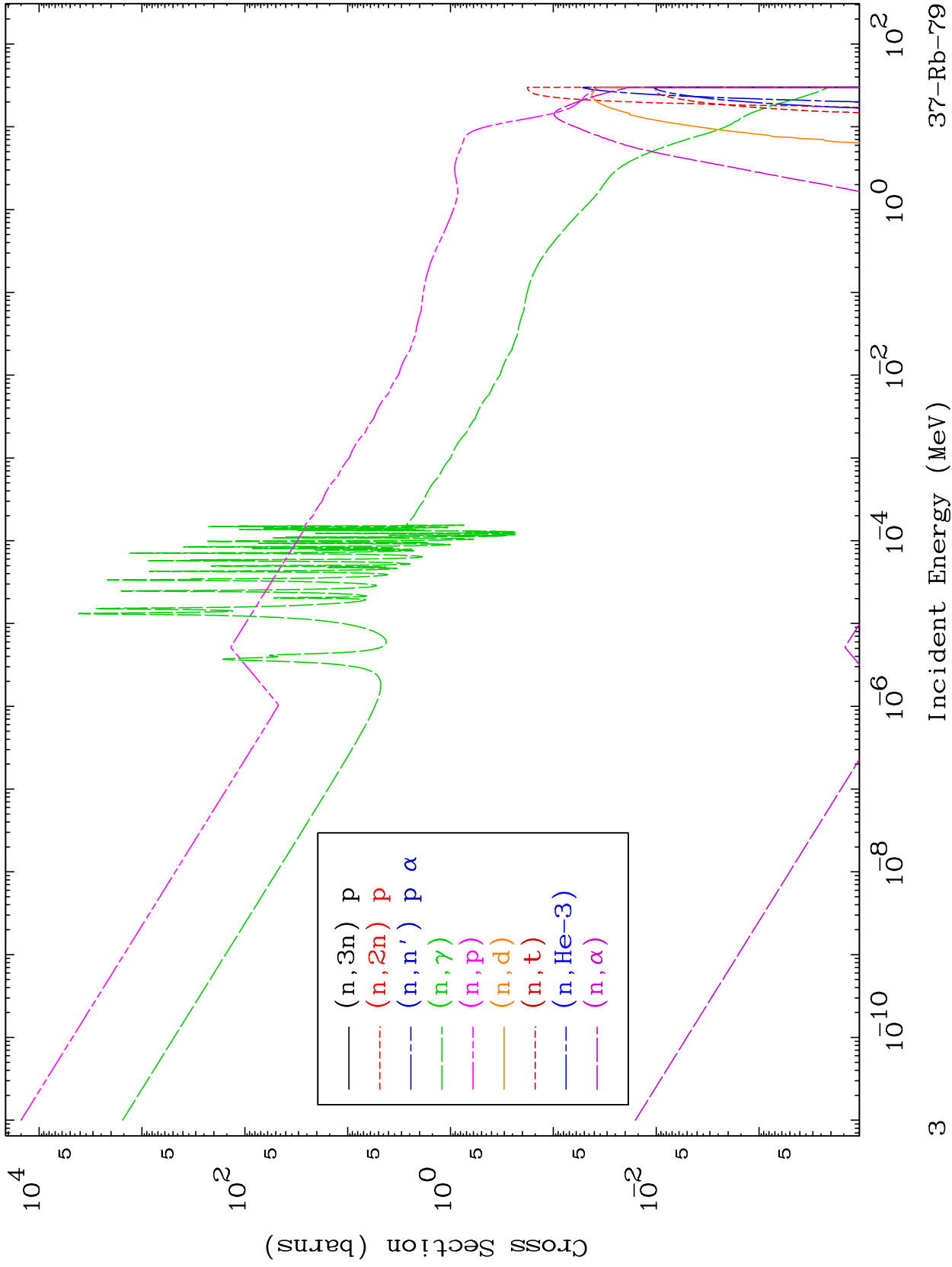




MAT 3707

Neutron Absorption
293 Kelvin Cross Sections

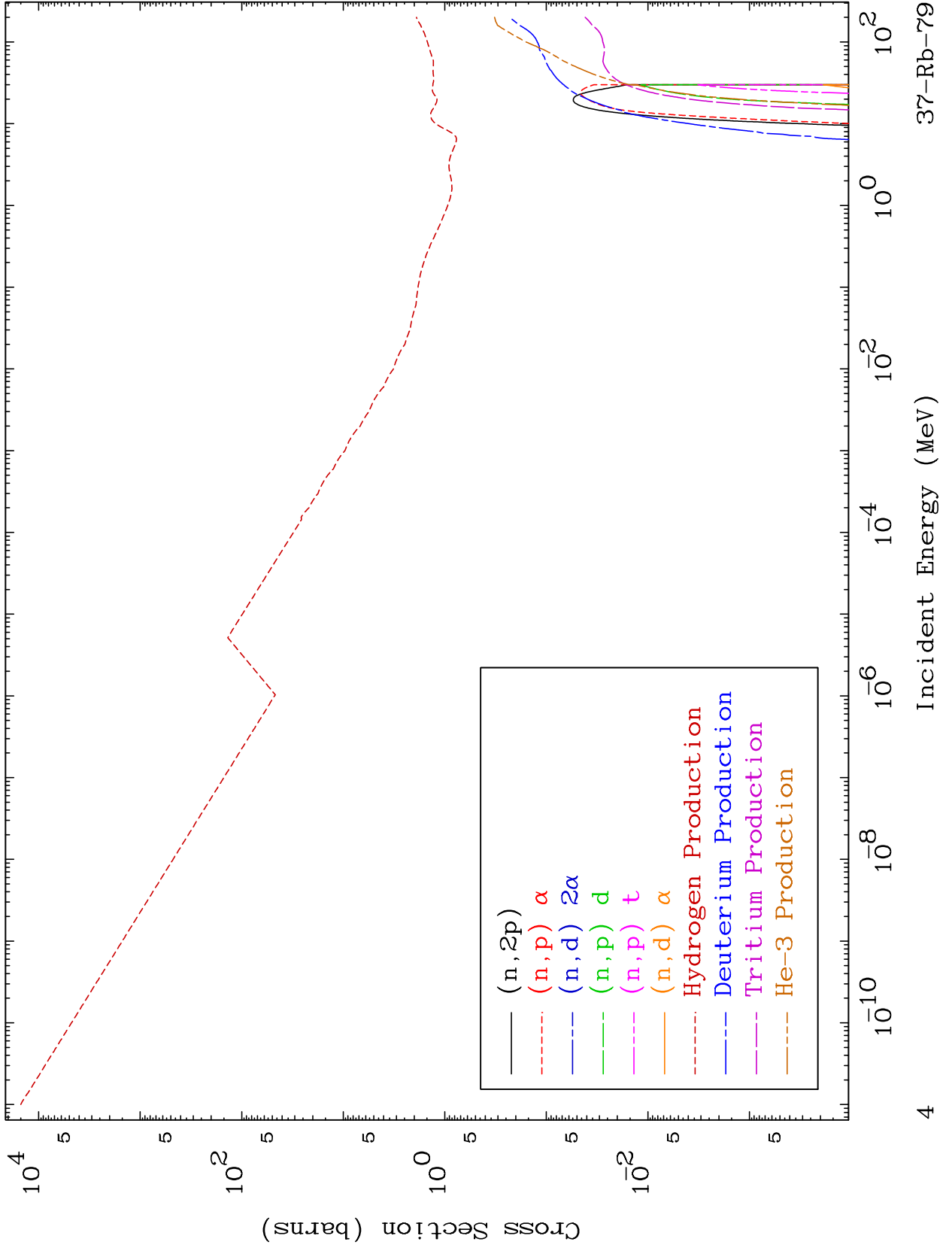
37-Rb-79

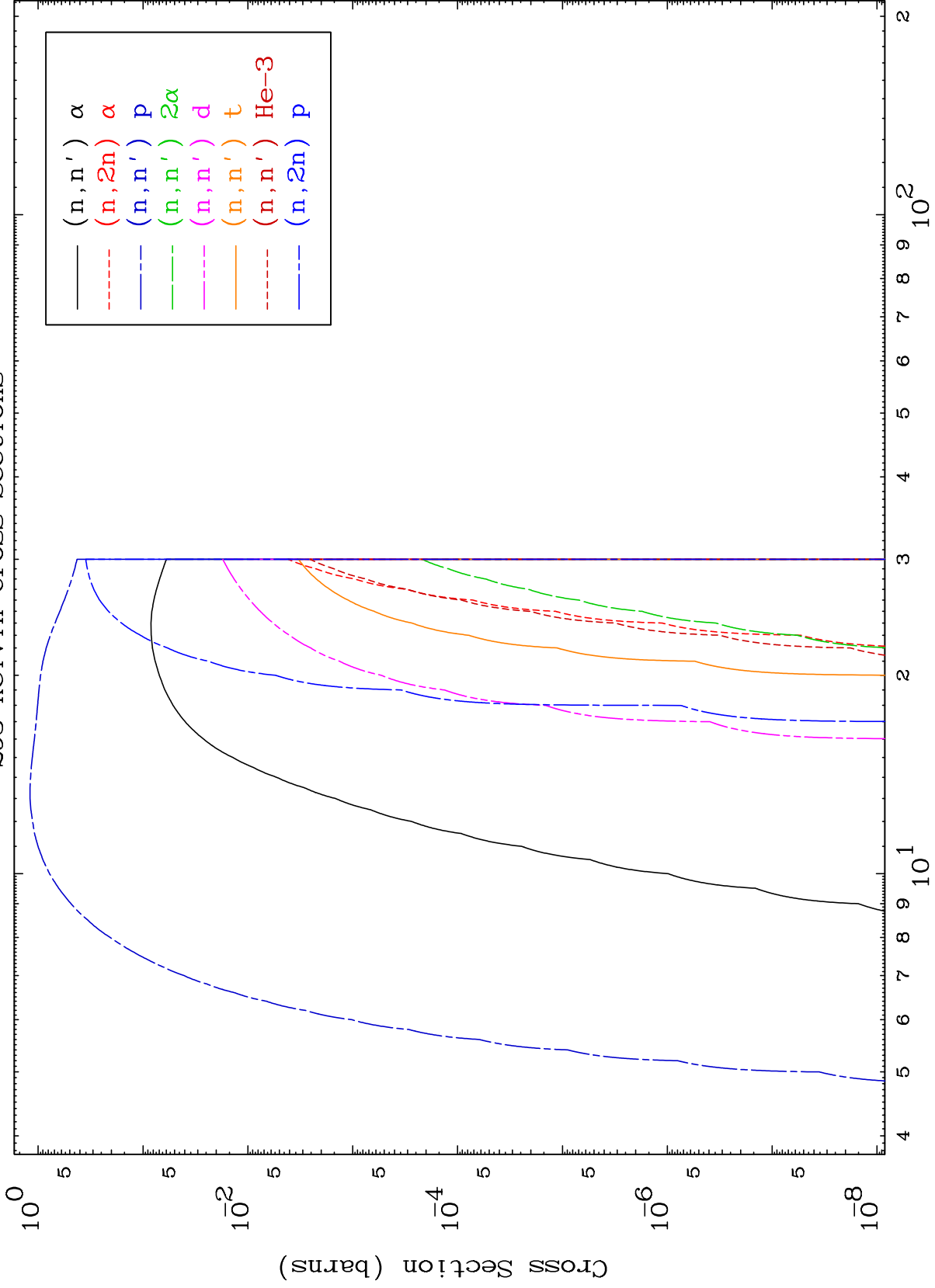


MAT 3707

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-79

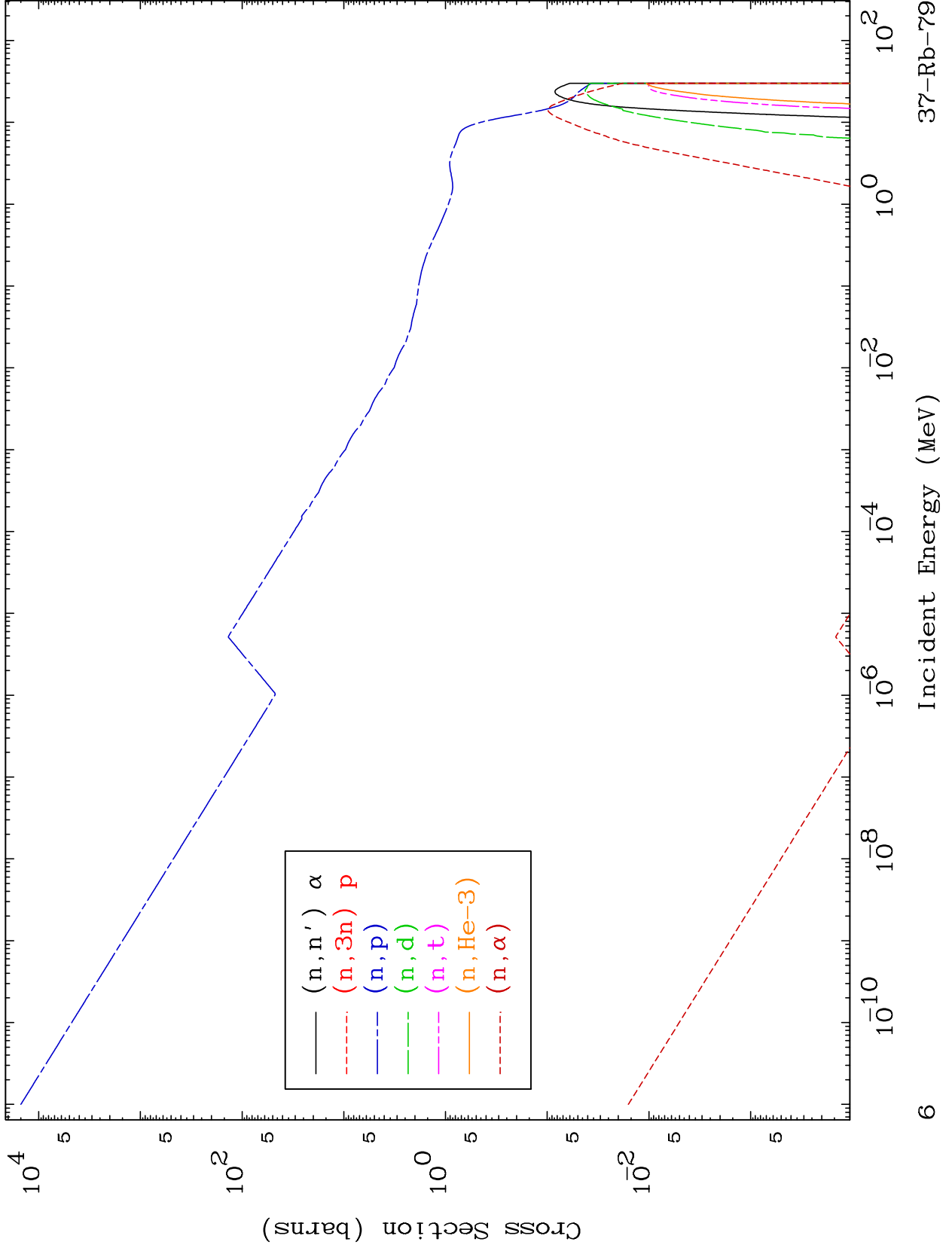


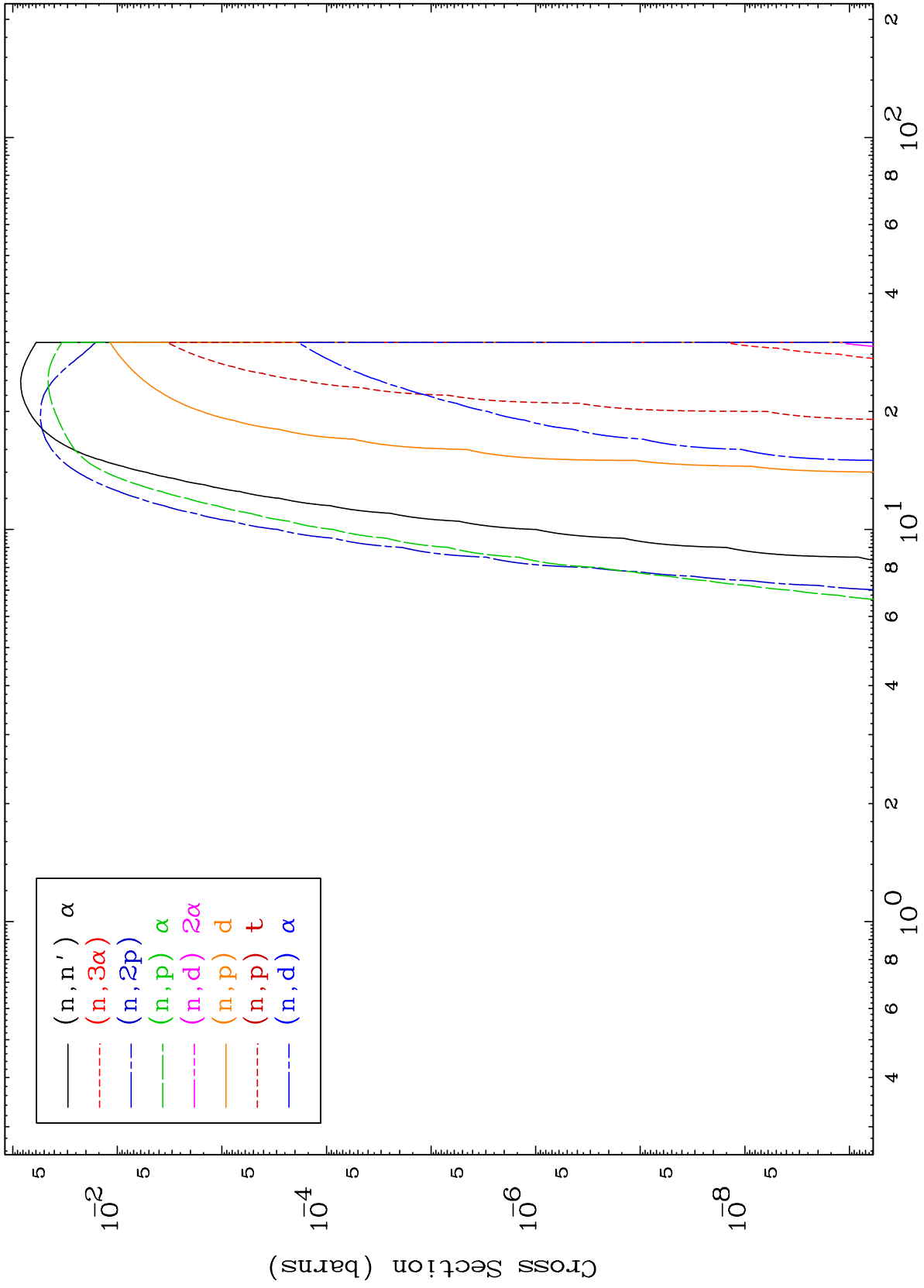


MAT 3707

Charged Particle
293 Kelvin Cross Sections

37-Rb-79

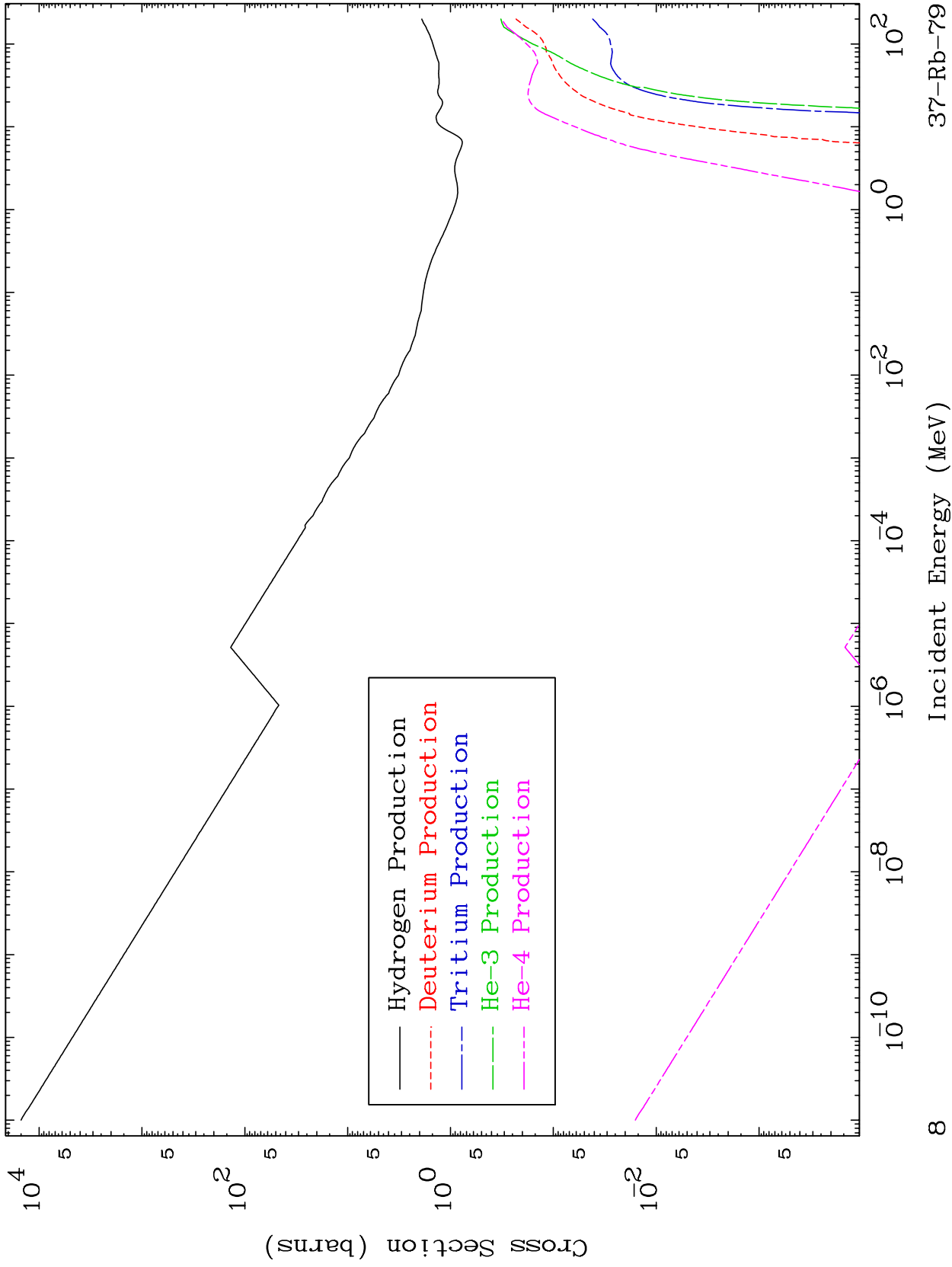


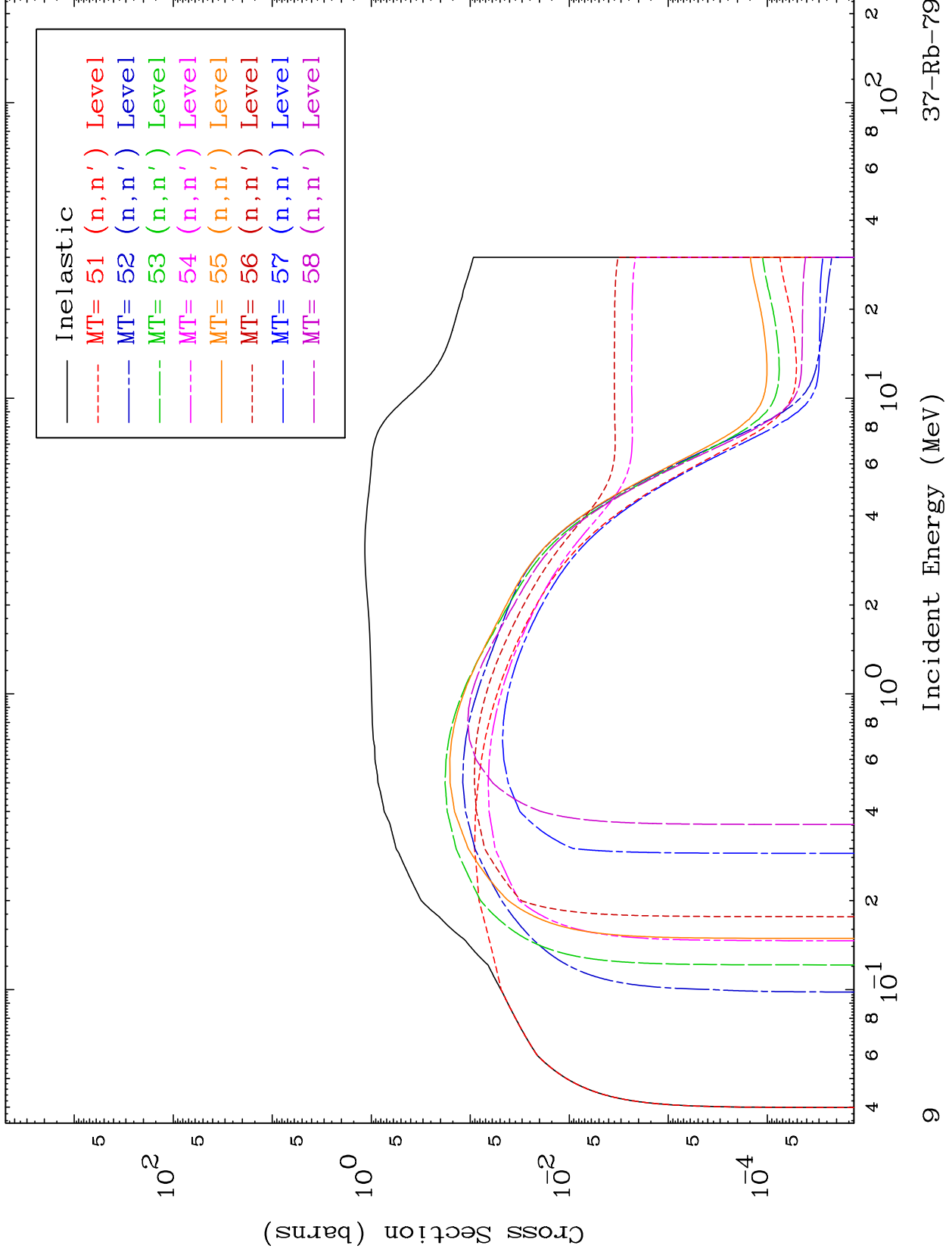


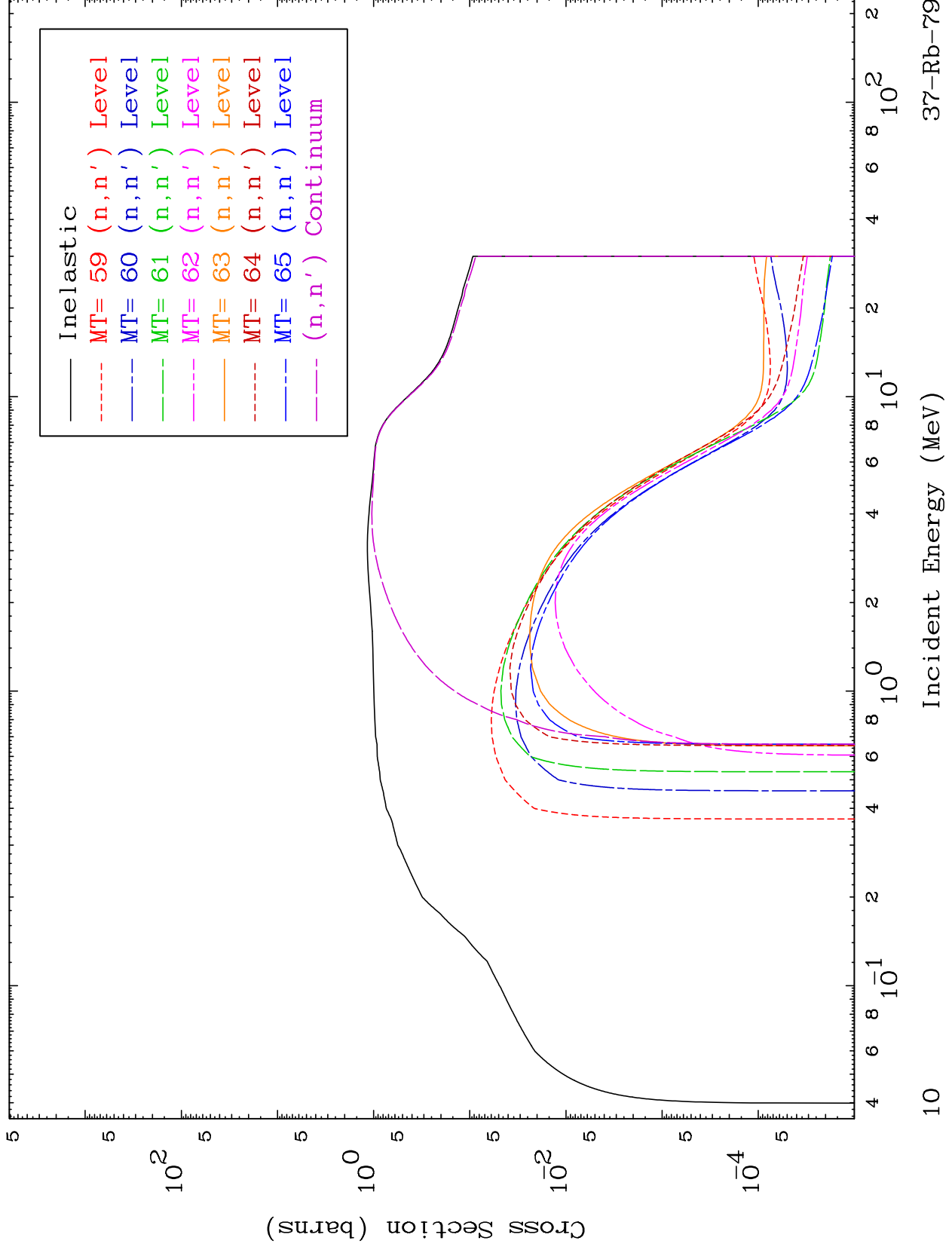
MAT 3707

Particle Production
293 Kelvin Cross Sections

37-Rb-79



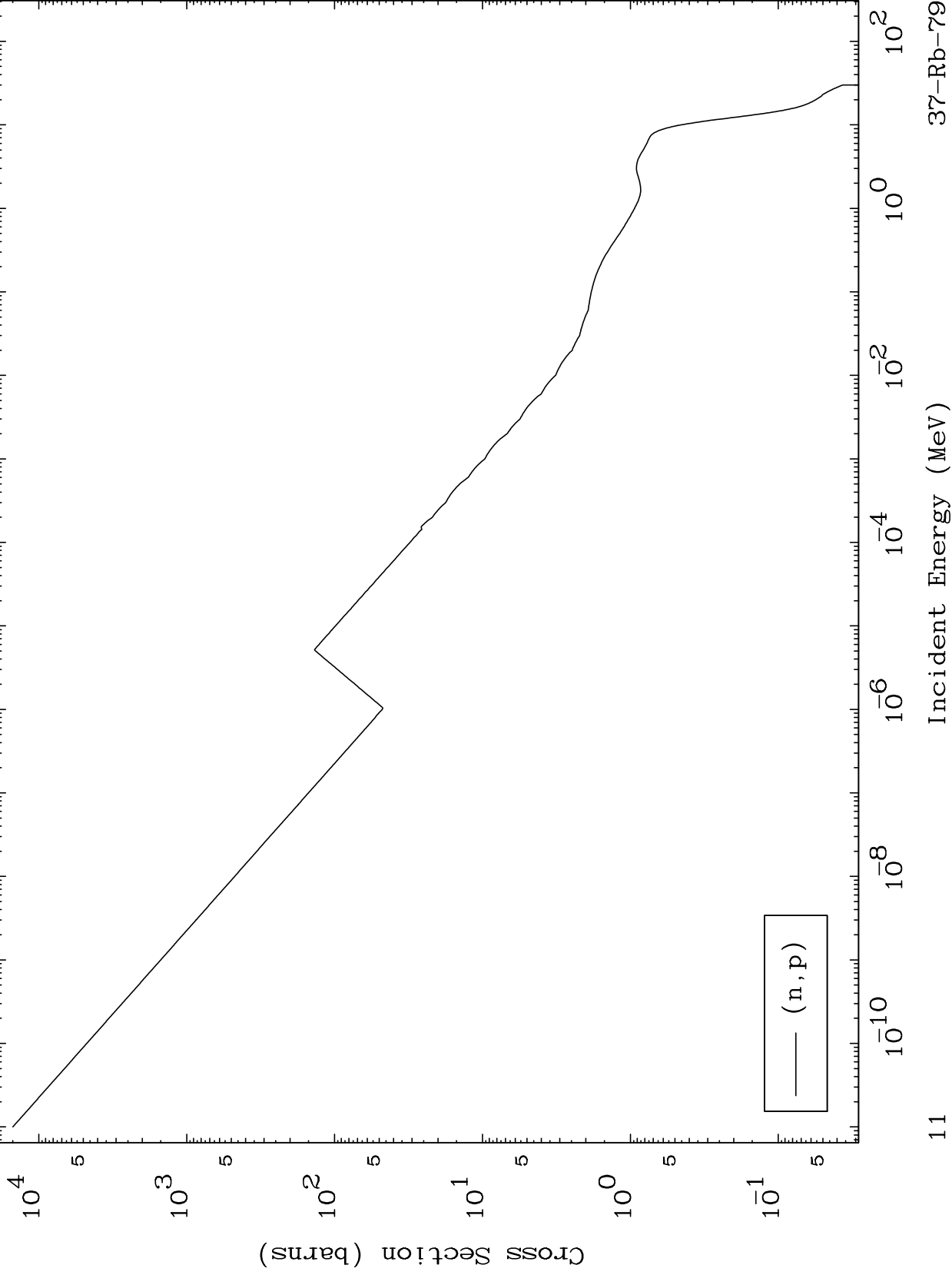




MAT 3707

(n,p) Levels
293 Kelvin Cross Sections

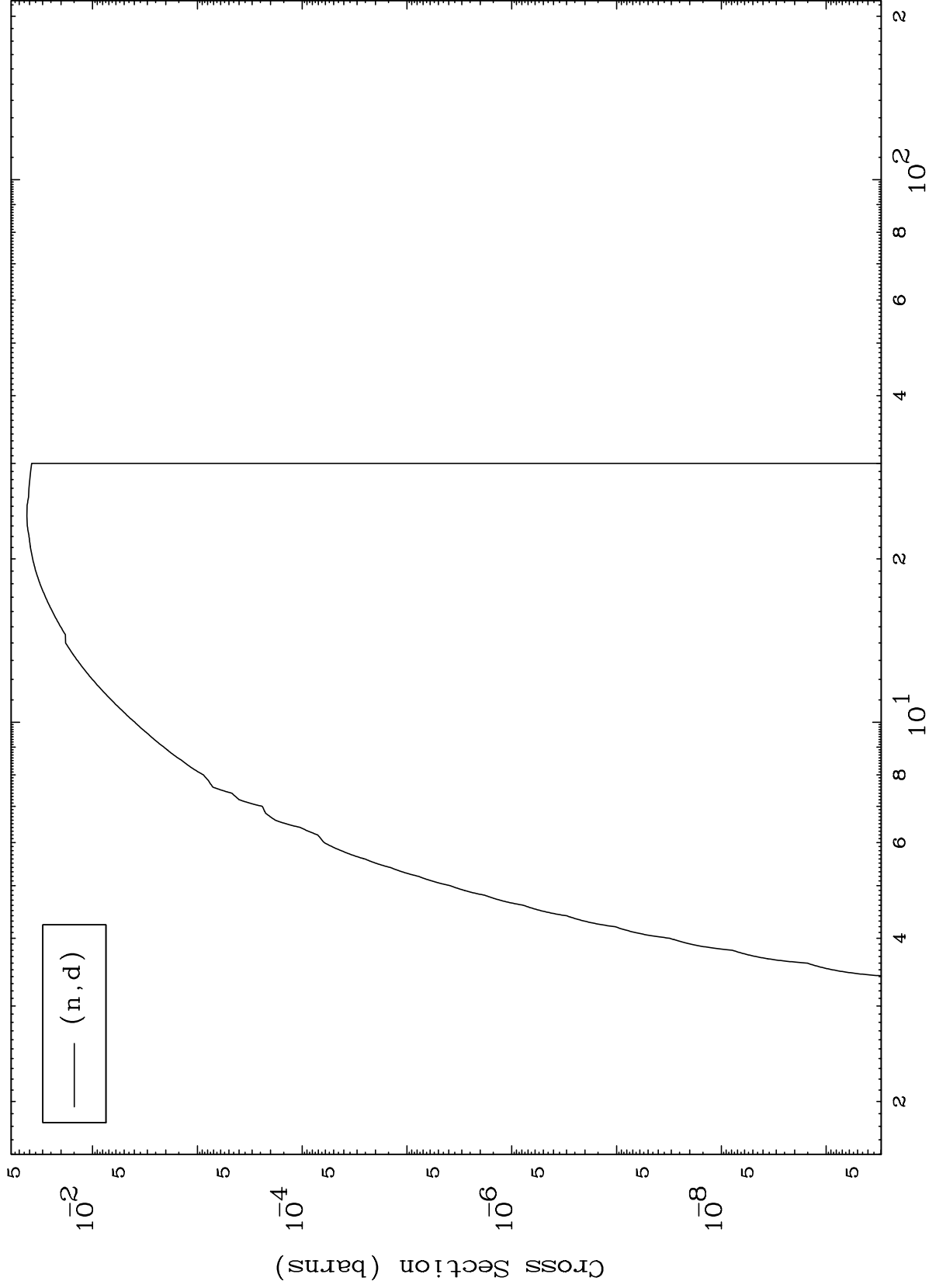
37-Rb-79



MAT 3707

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-79



12

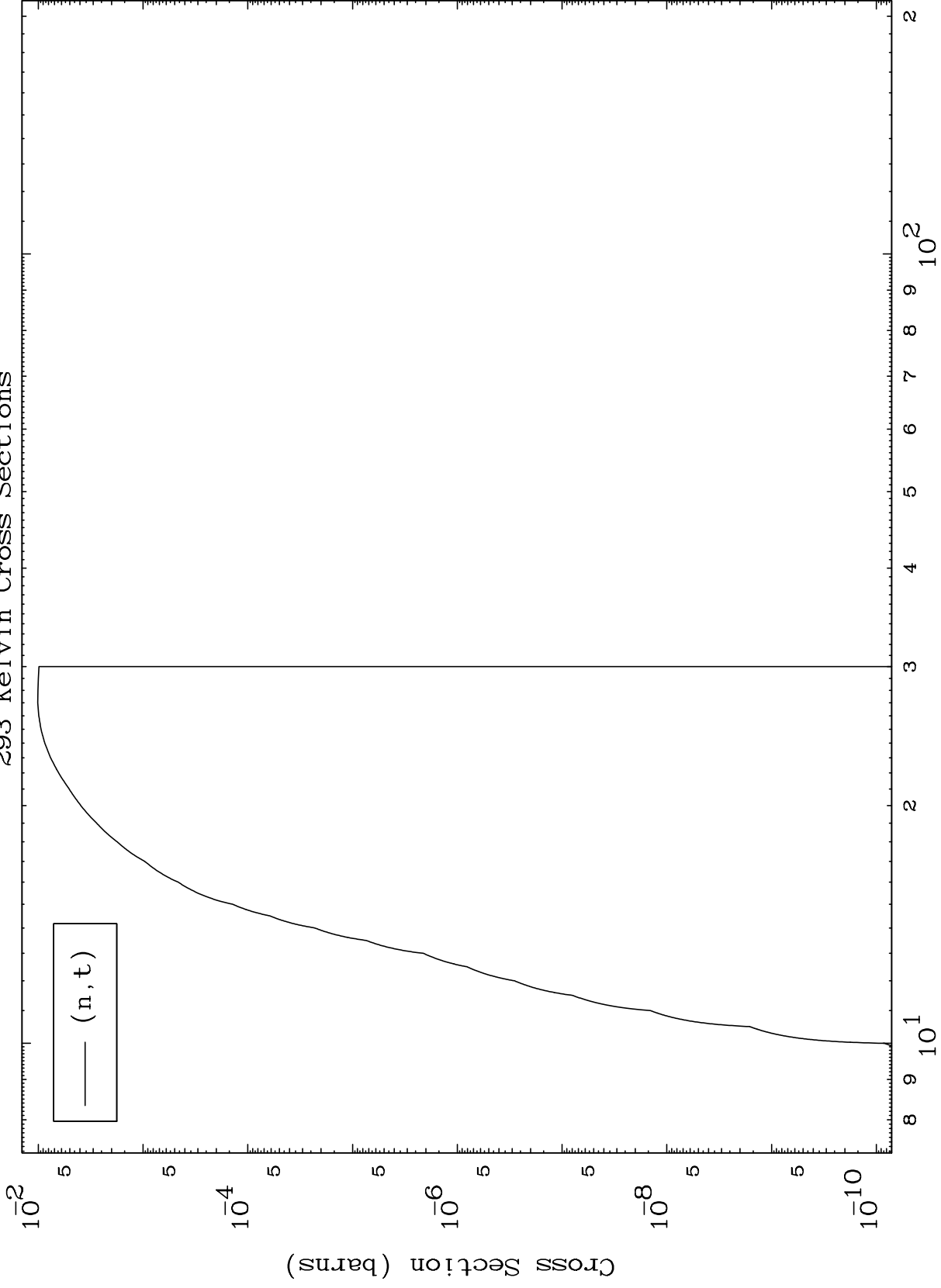
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-79



13

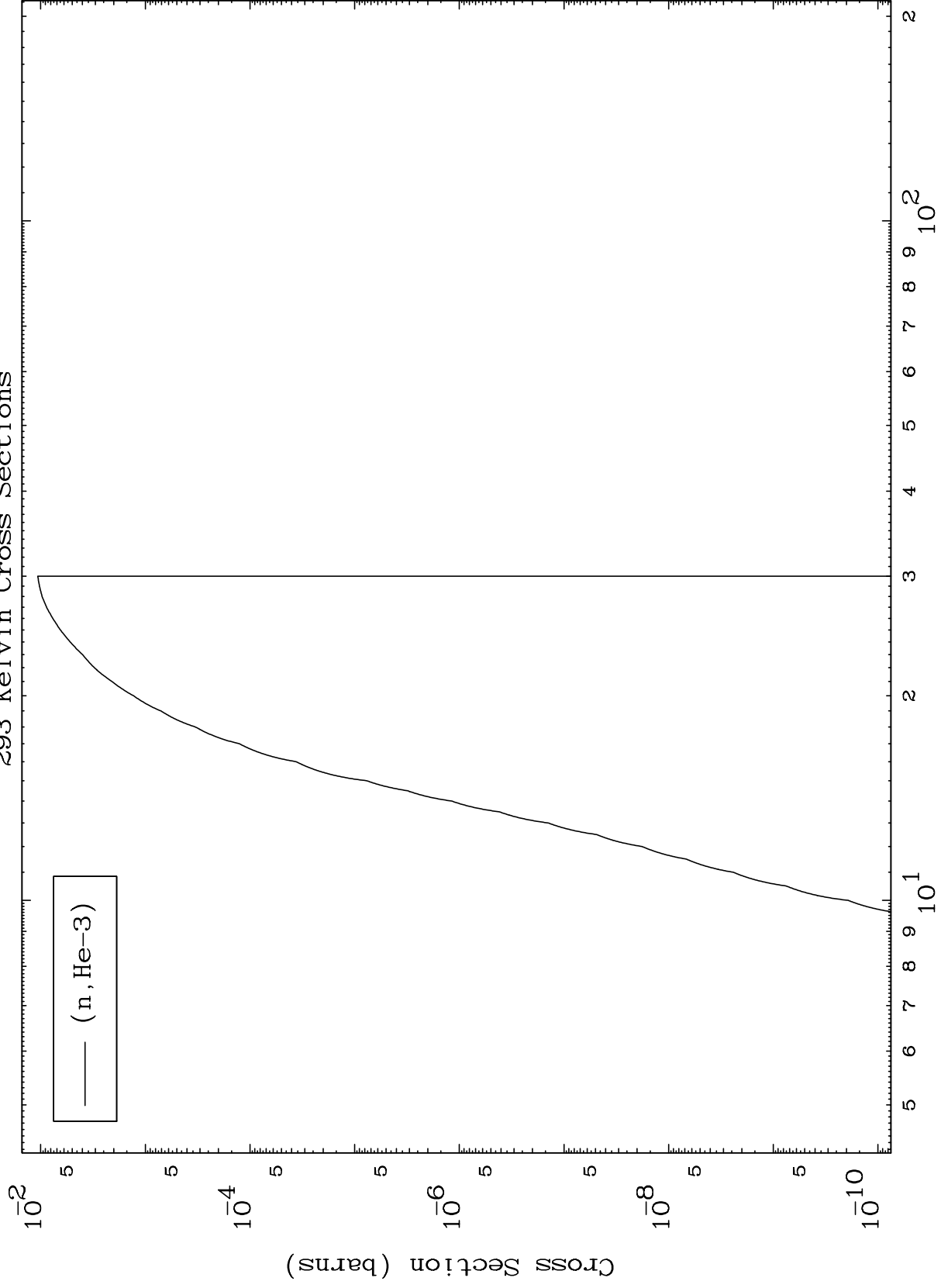
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-79



14

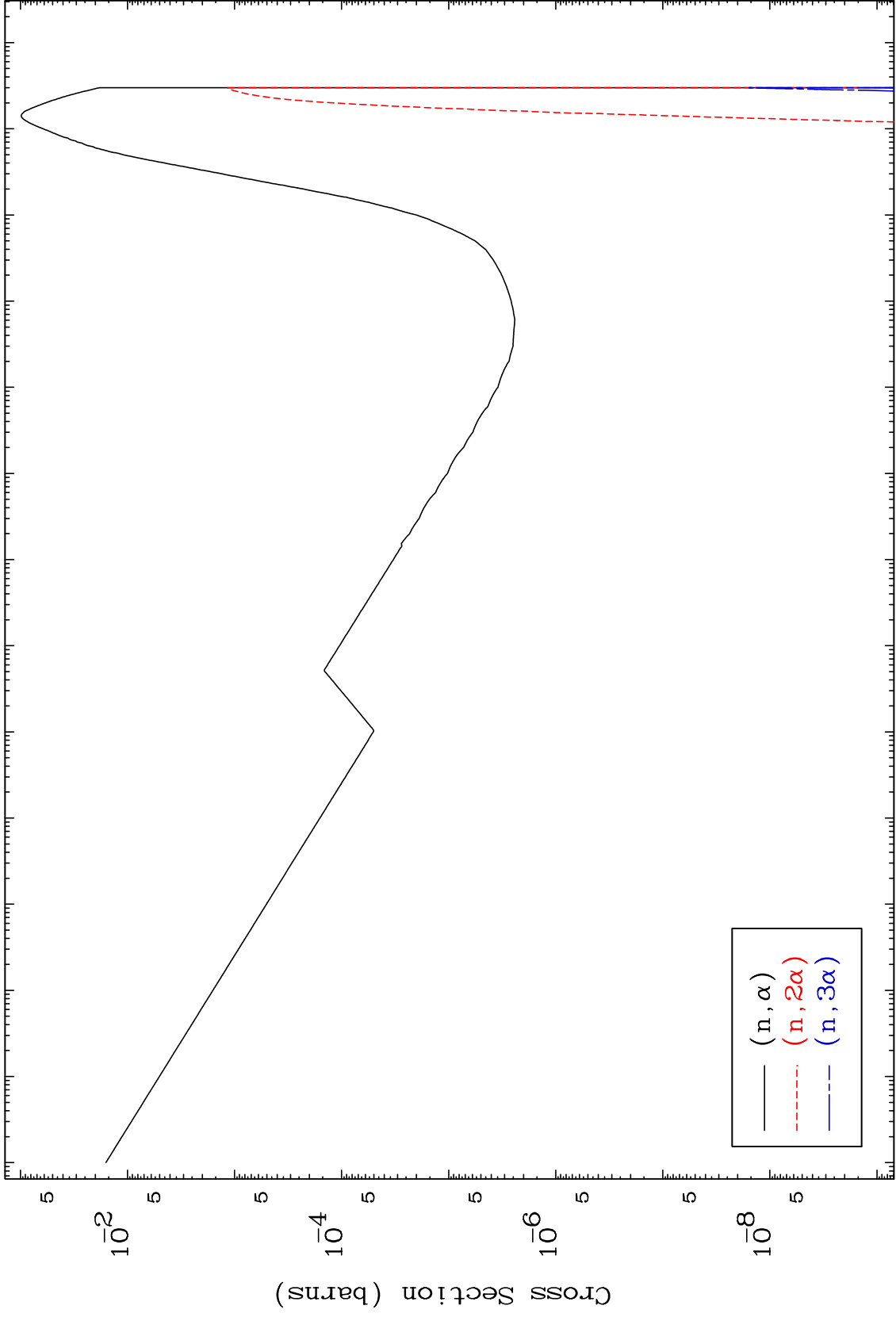
Incident Energy (MeV)

37-Rb-79

MAT 3707

(n,α) Levels
293 Kelvin Cross Sections

37-Rb-79



15

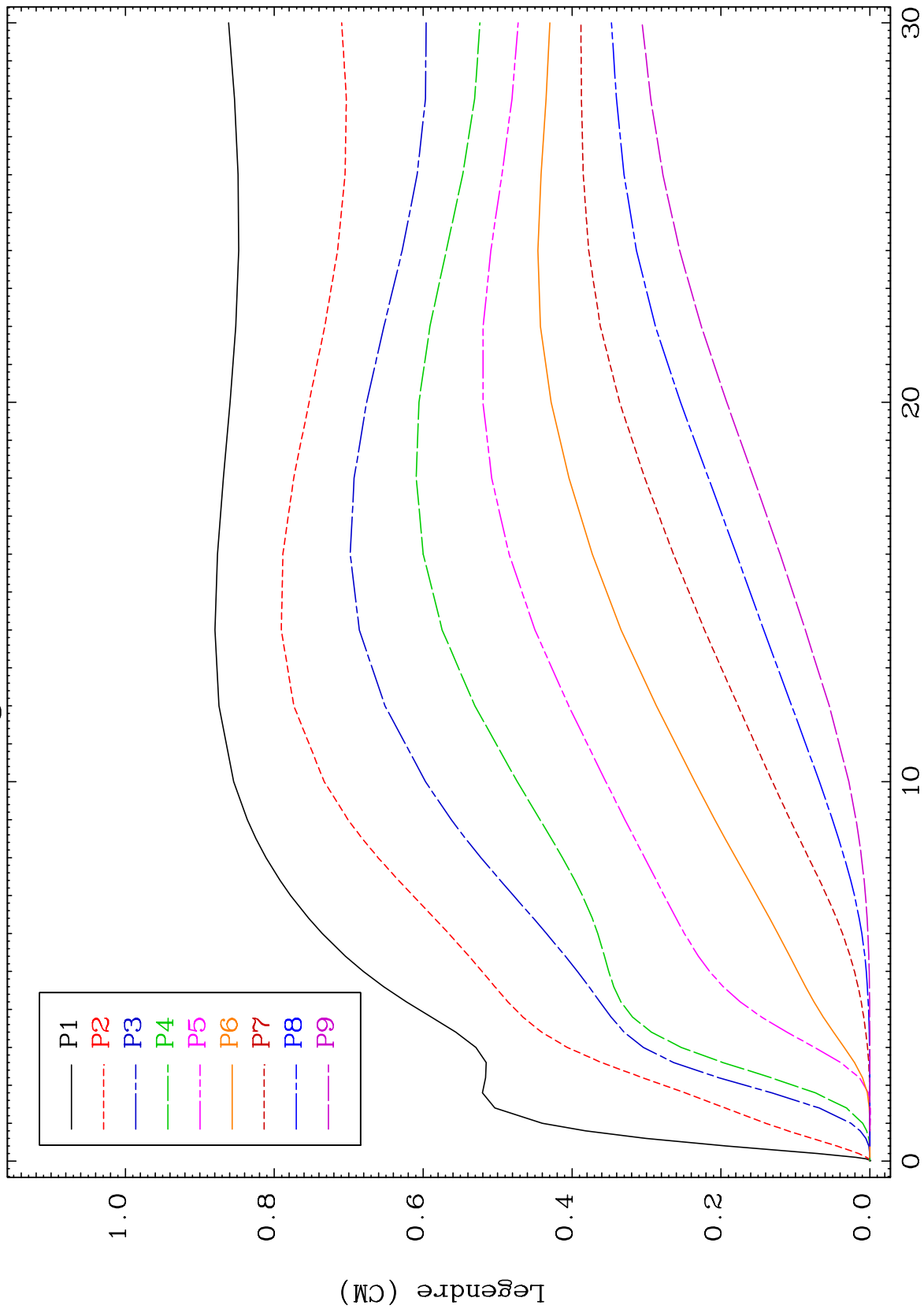
Incident Energy (MeV)

37-Rb-79

MAT 3707

Elastic Legendre Coefficients

³⁷Rb-⁷⁹



16

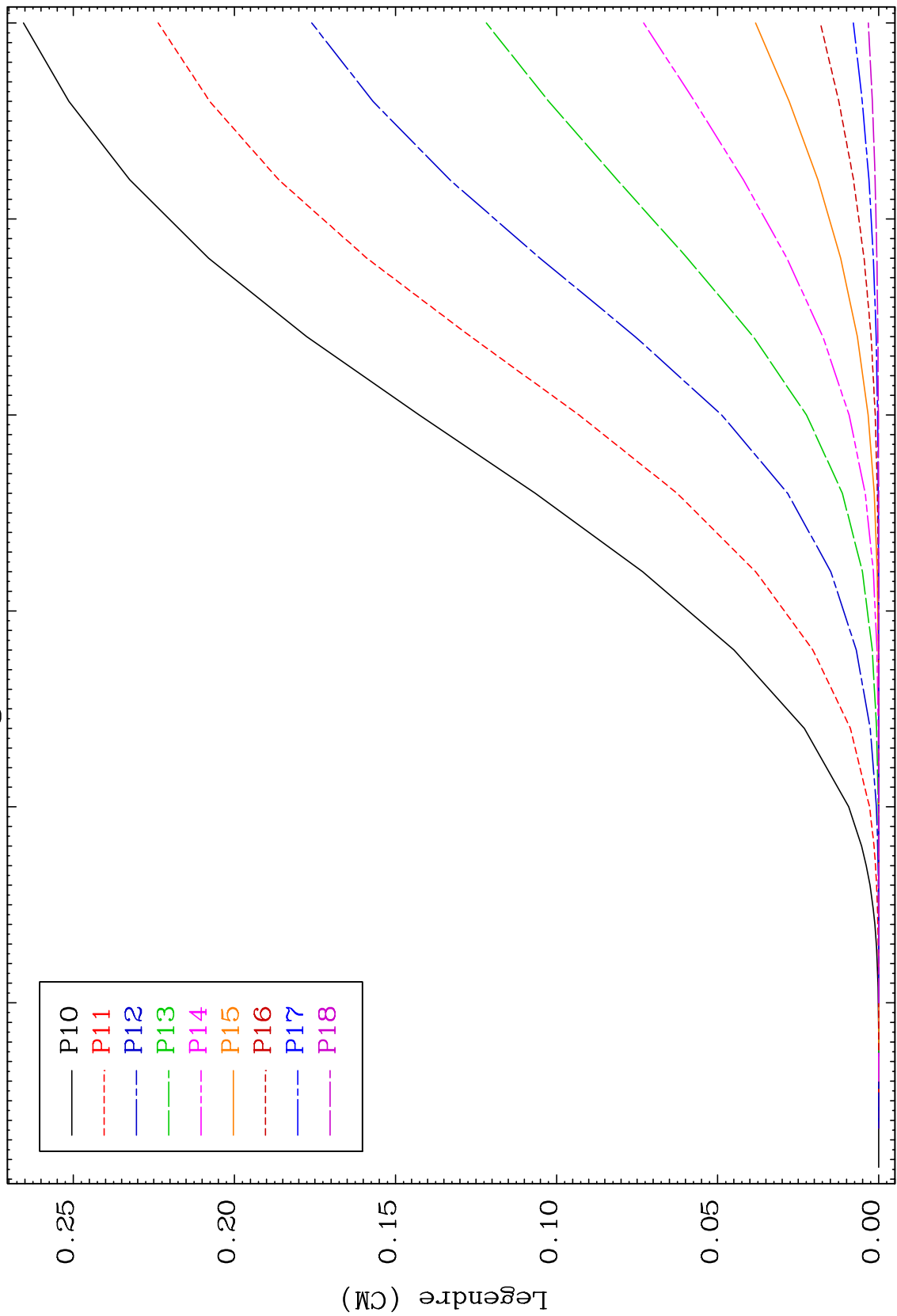
Incident Energy (MeV)

³⁷Rb-⁷⁹

MAT 3707

Elastic Legendre Coefficients

³⁷Rb-79



17

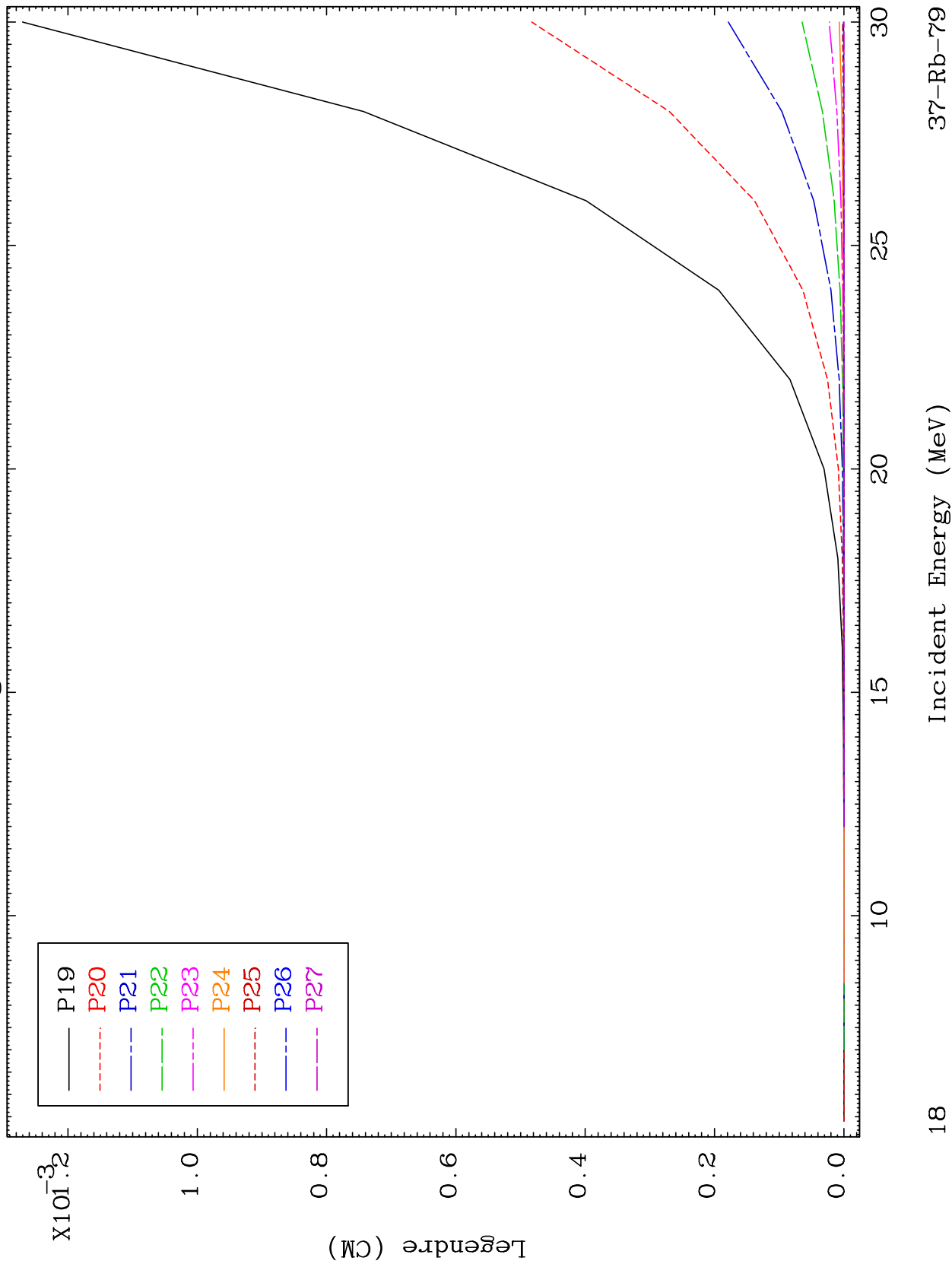
Incident Energy (MeV)

³⁷Rb-79

MAT 3707

Elastic Legendre Coefficients

37-Rb-79



18

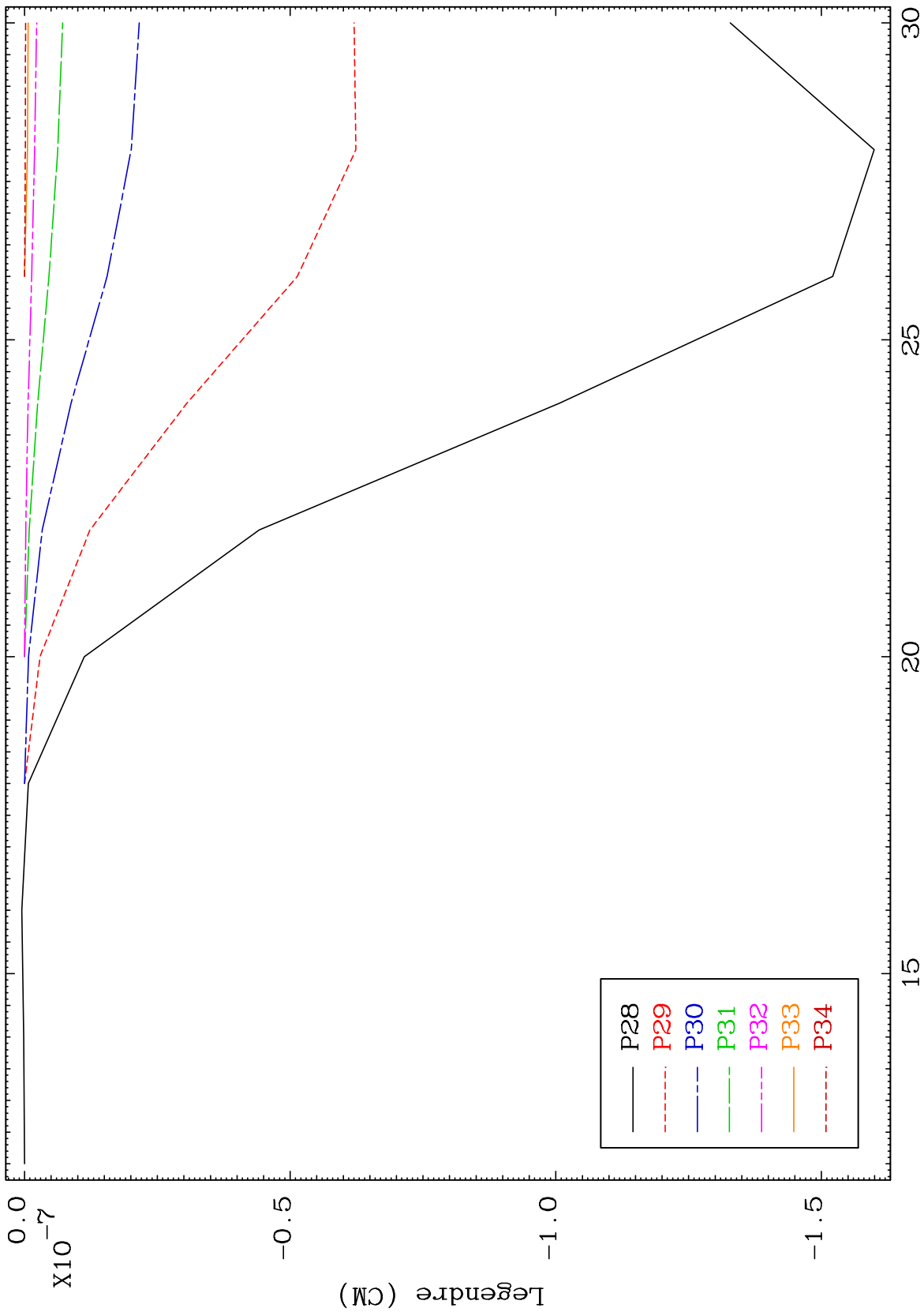
Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

Elastic Legendre Coefficients



19

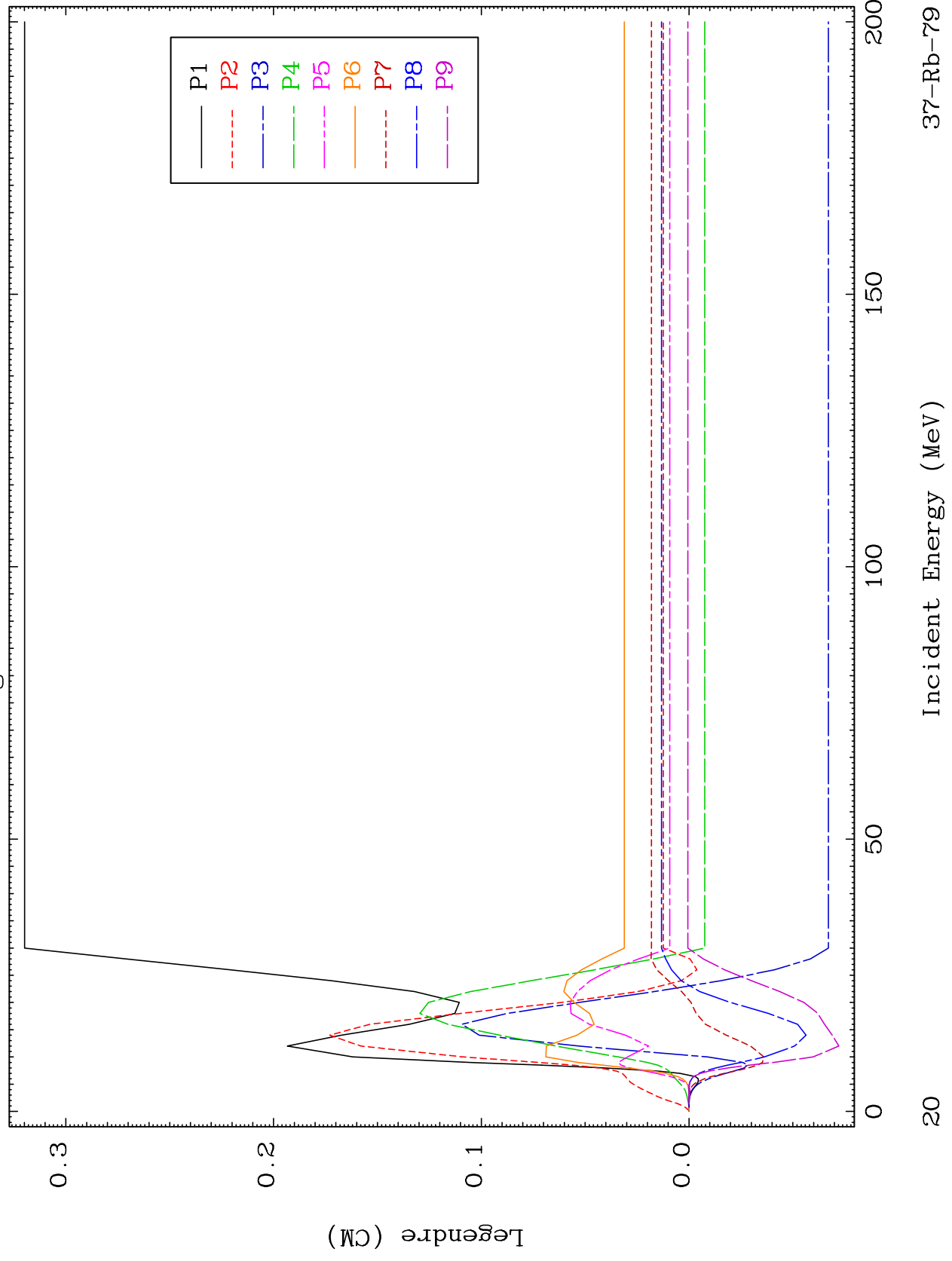
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

Incident Energy (MeV)

0

0.3

0.2

0.1

0.0

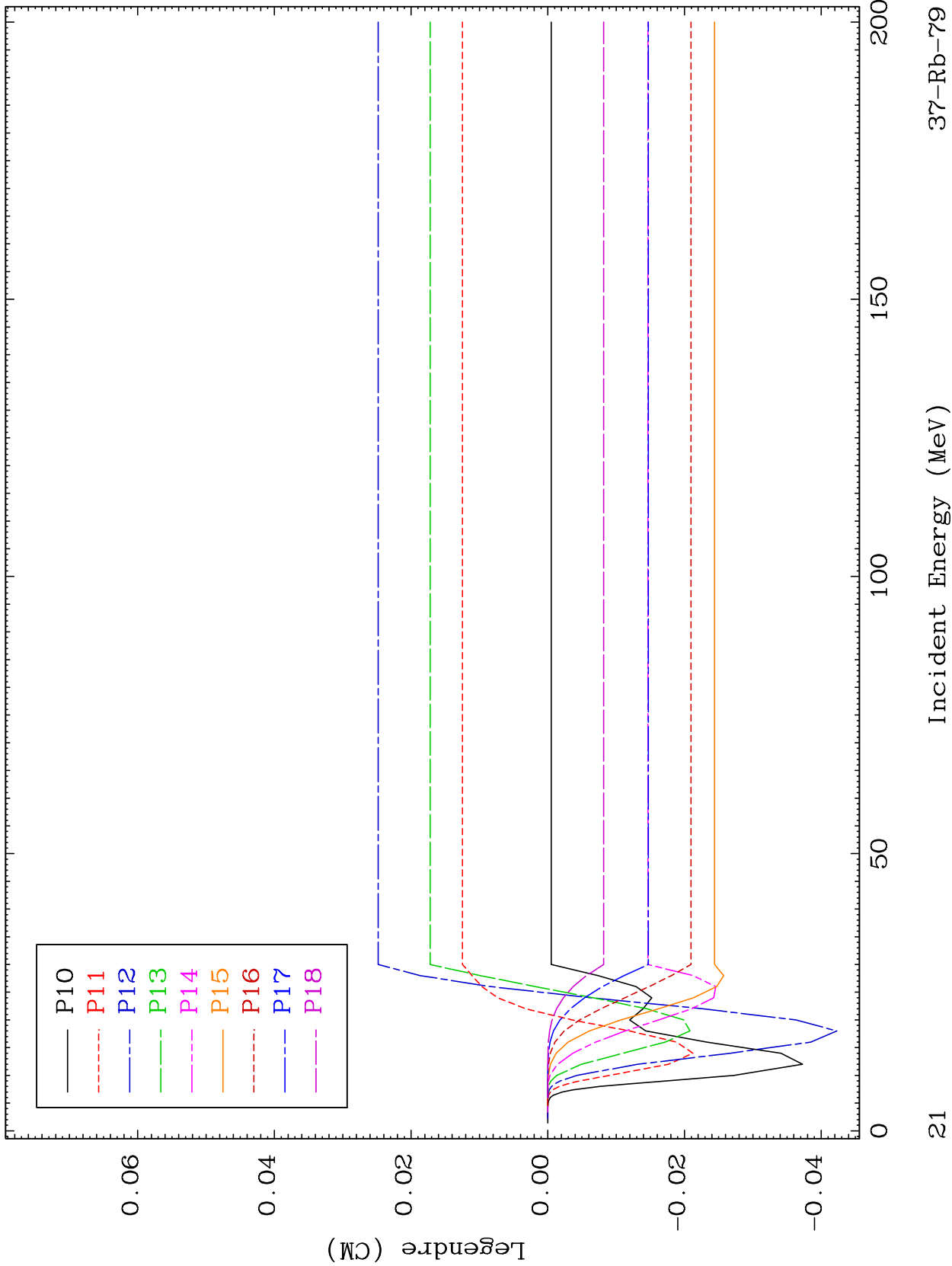
50

100

150

200

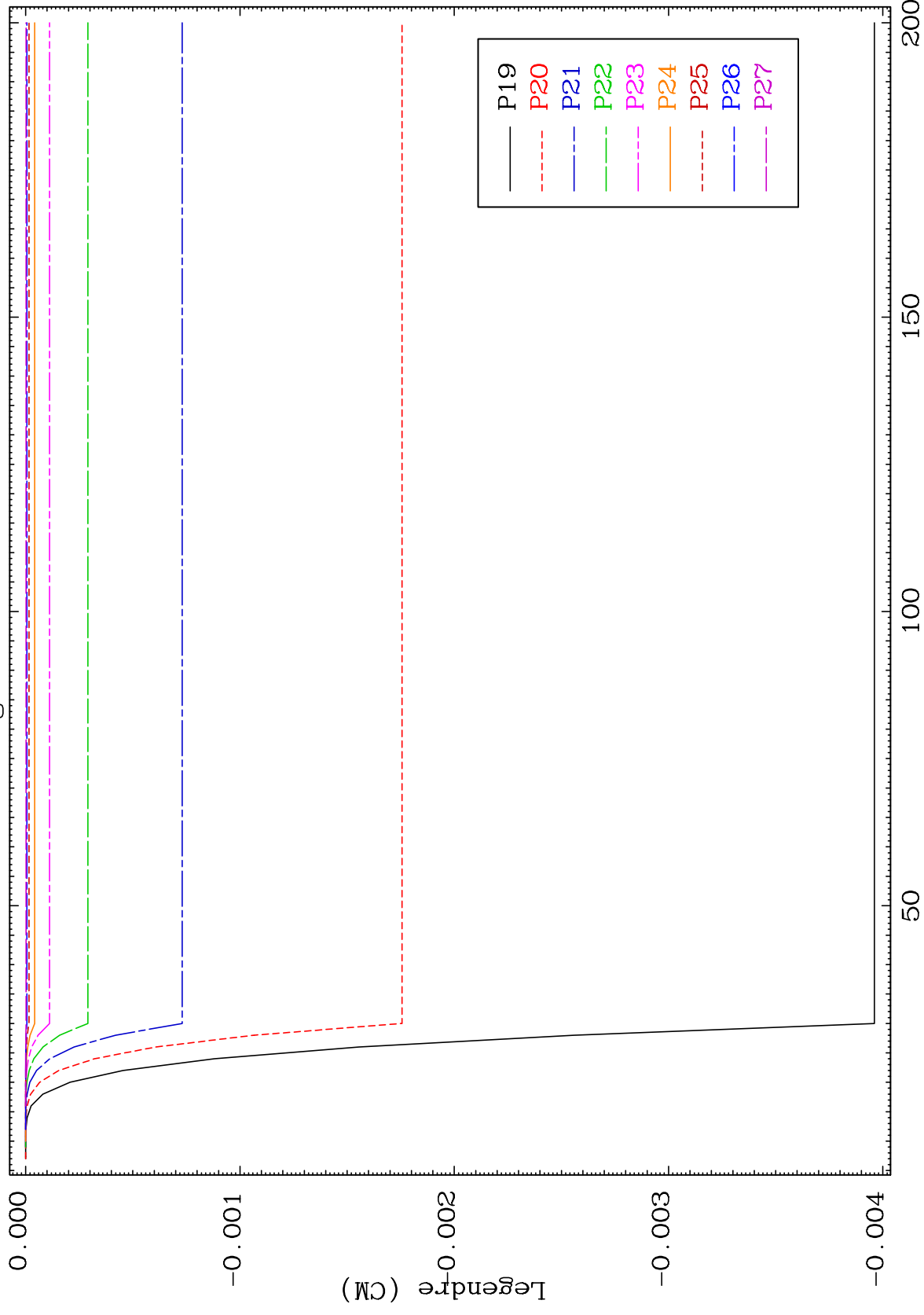
Legendre (CM)



MAT 3707

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

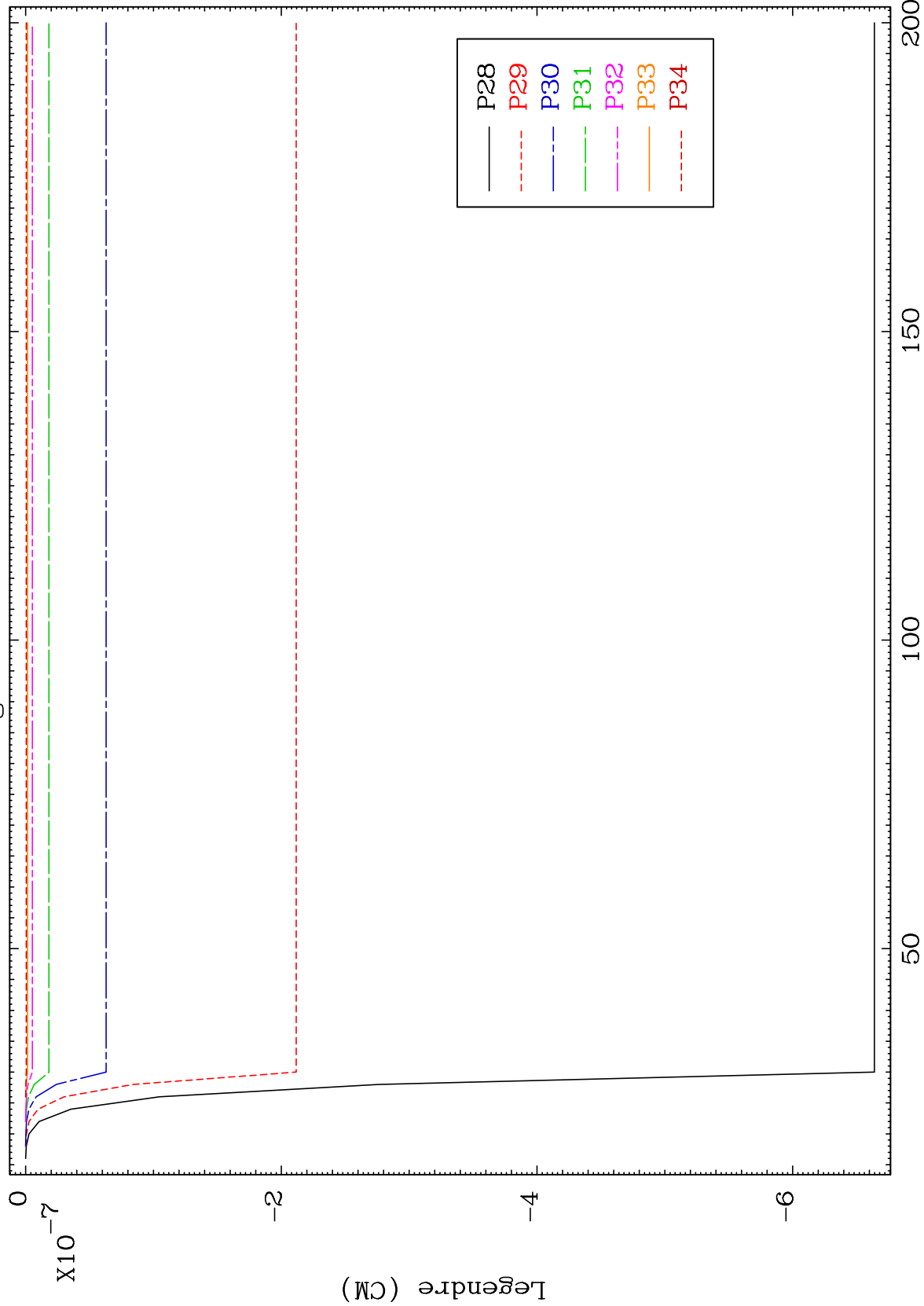
37-Rb-79



MAT 3707

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

37-Rb-79



23

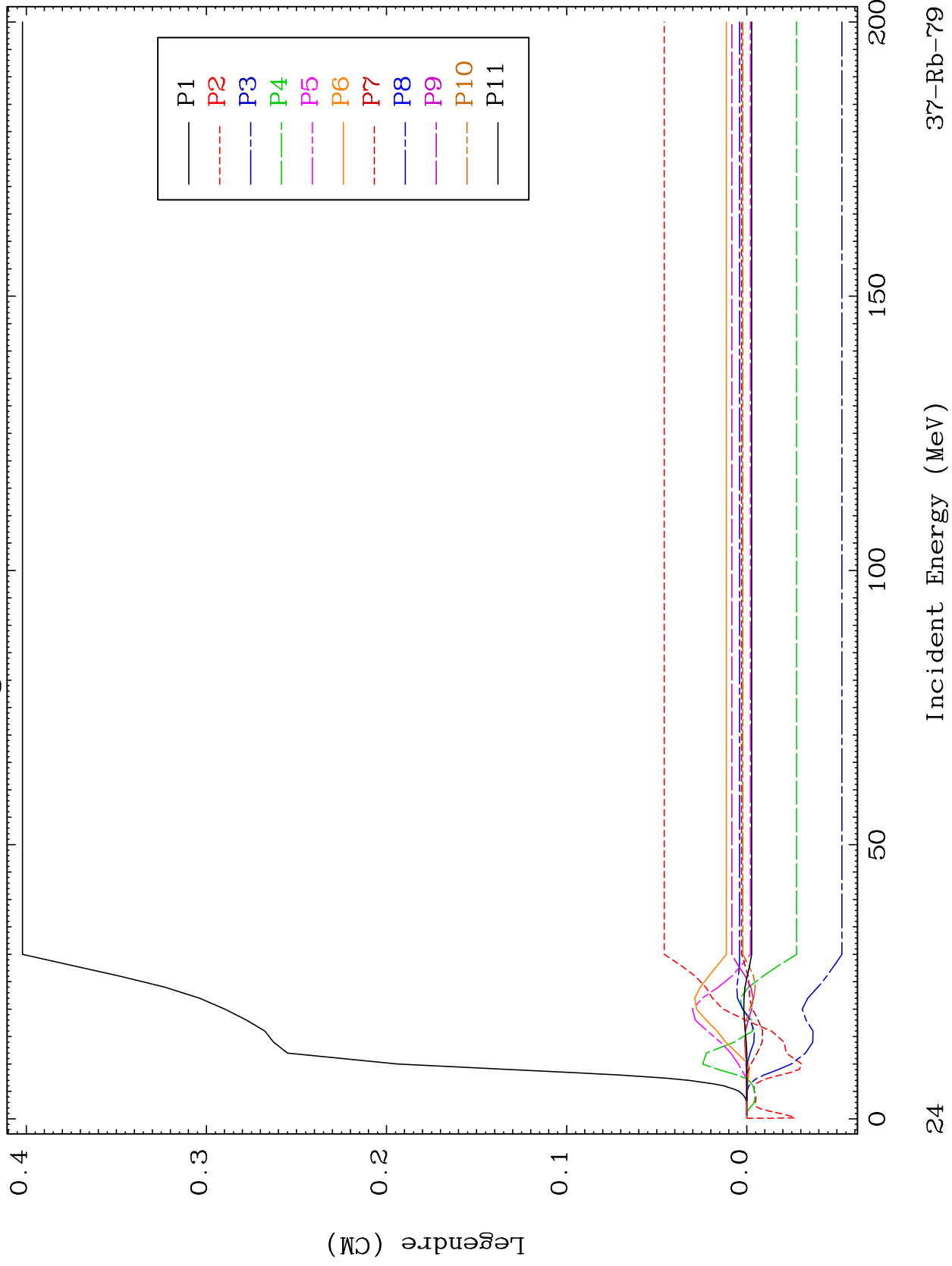
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



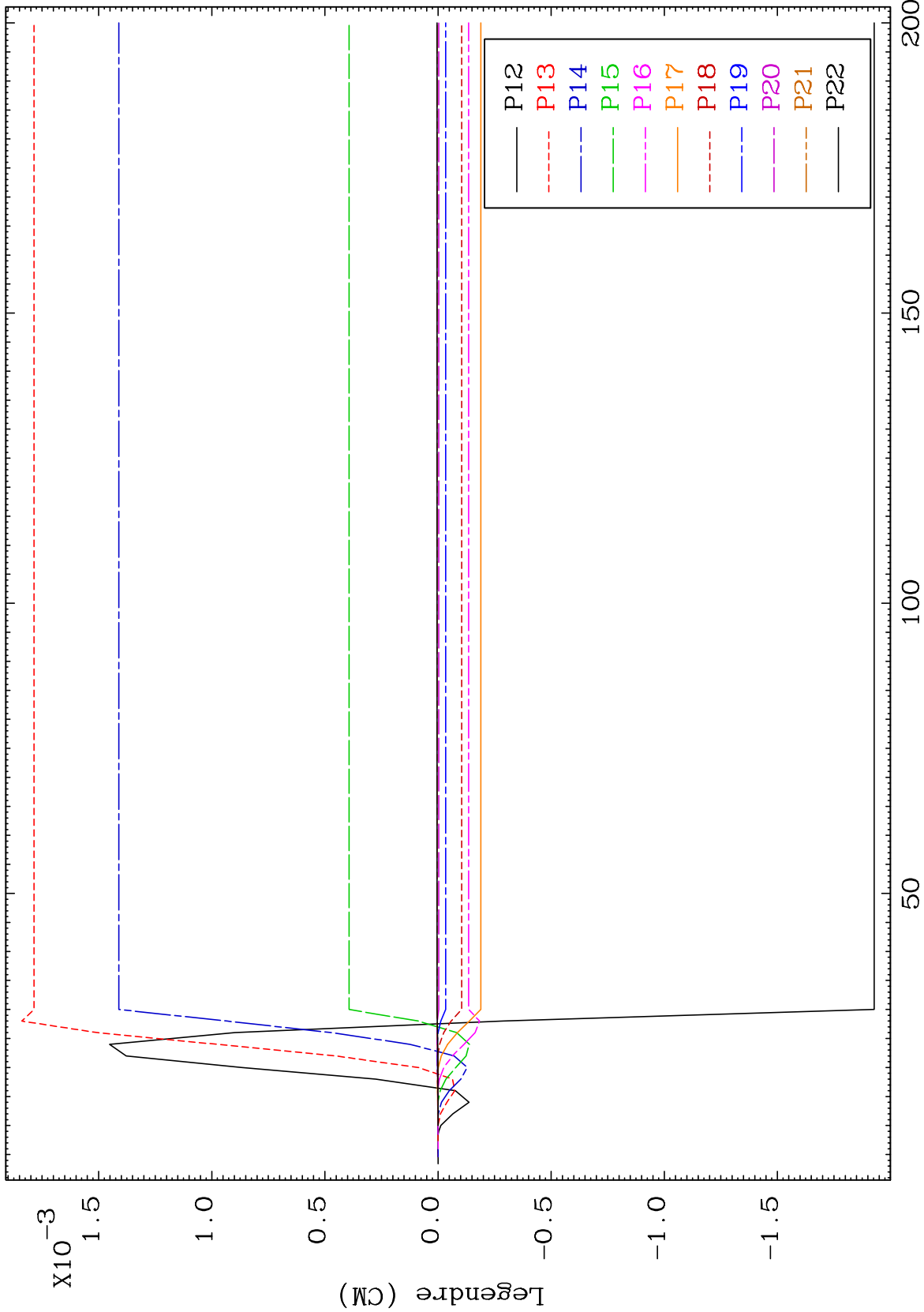
24

37-Rb-79

MAT 3707

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

37-Rb-79



25

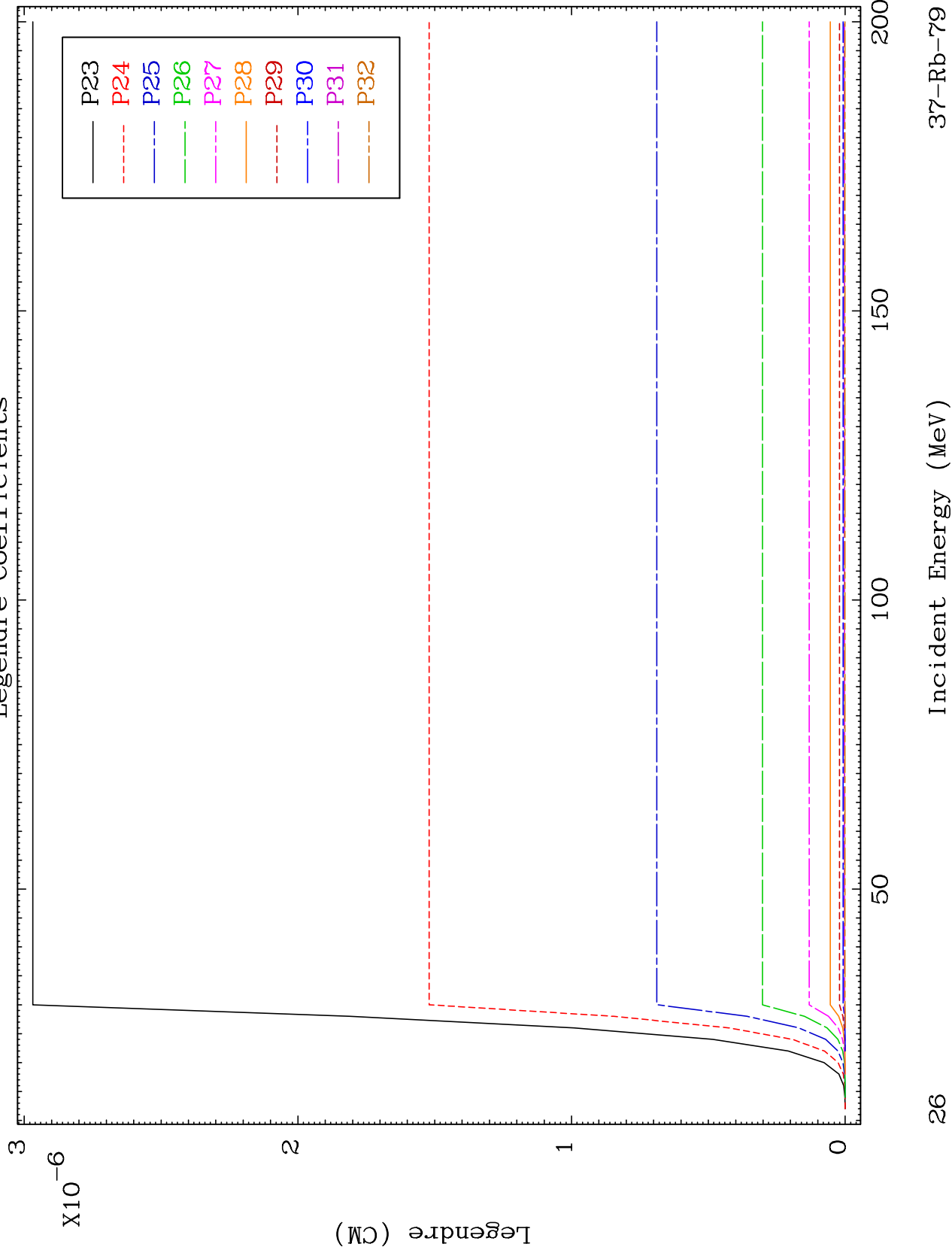
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



26

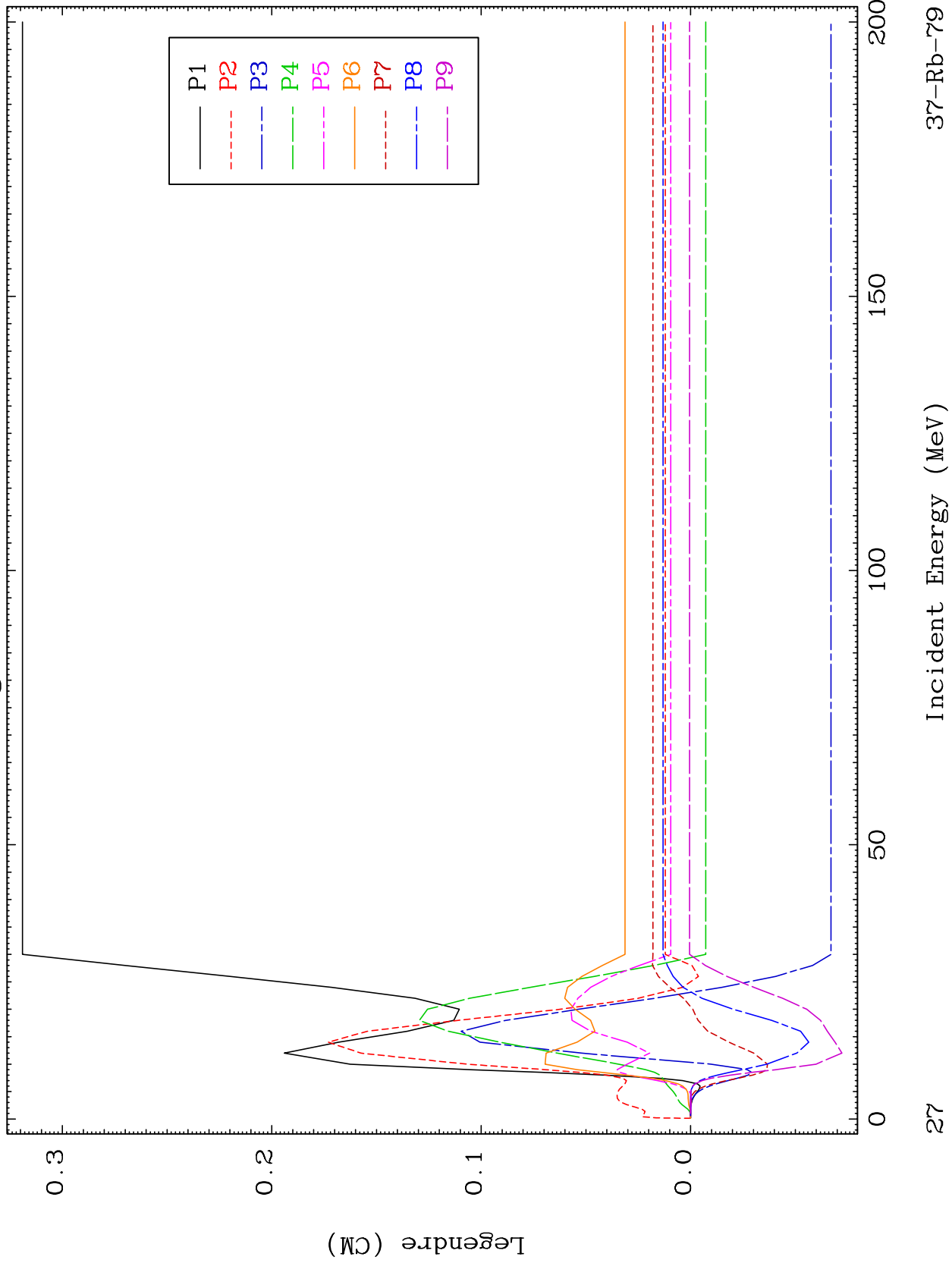
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

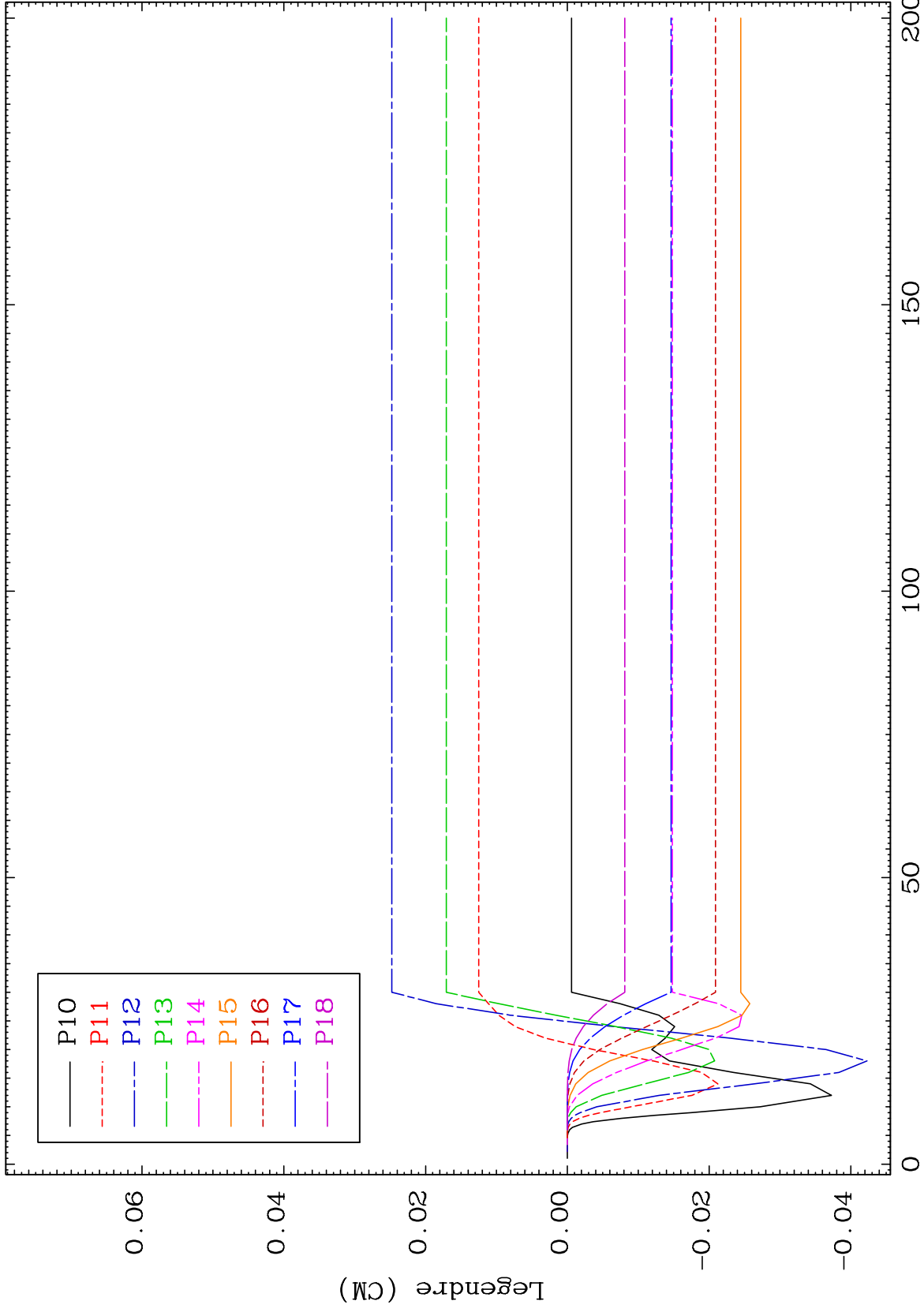
Incident Energy (MeV)

27

MAT 3707

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

37-Rb-79



28

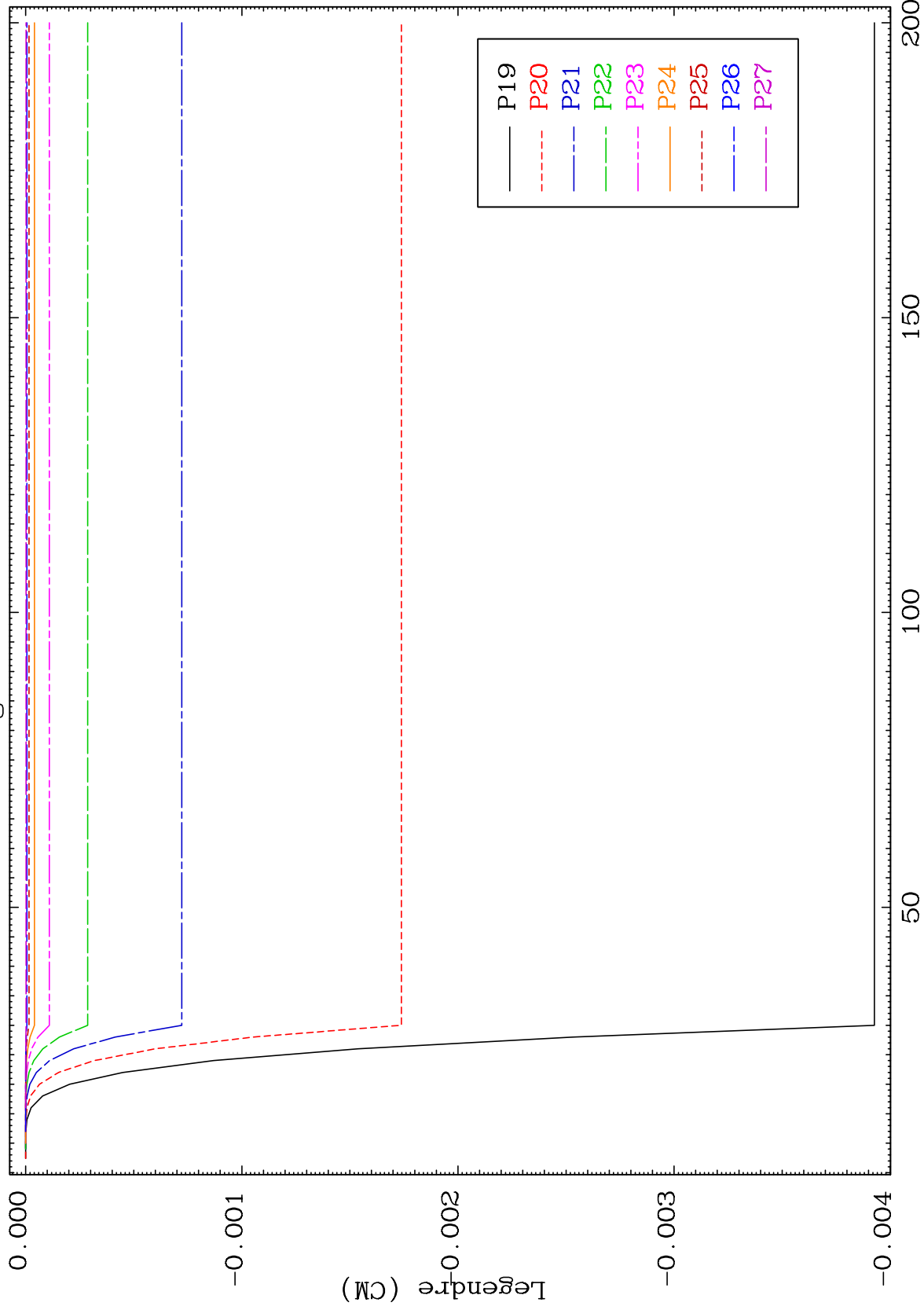
Incident Energy (MeV)

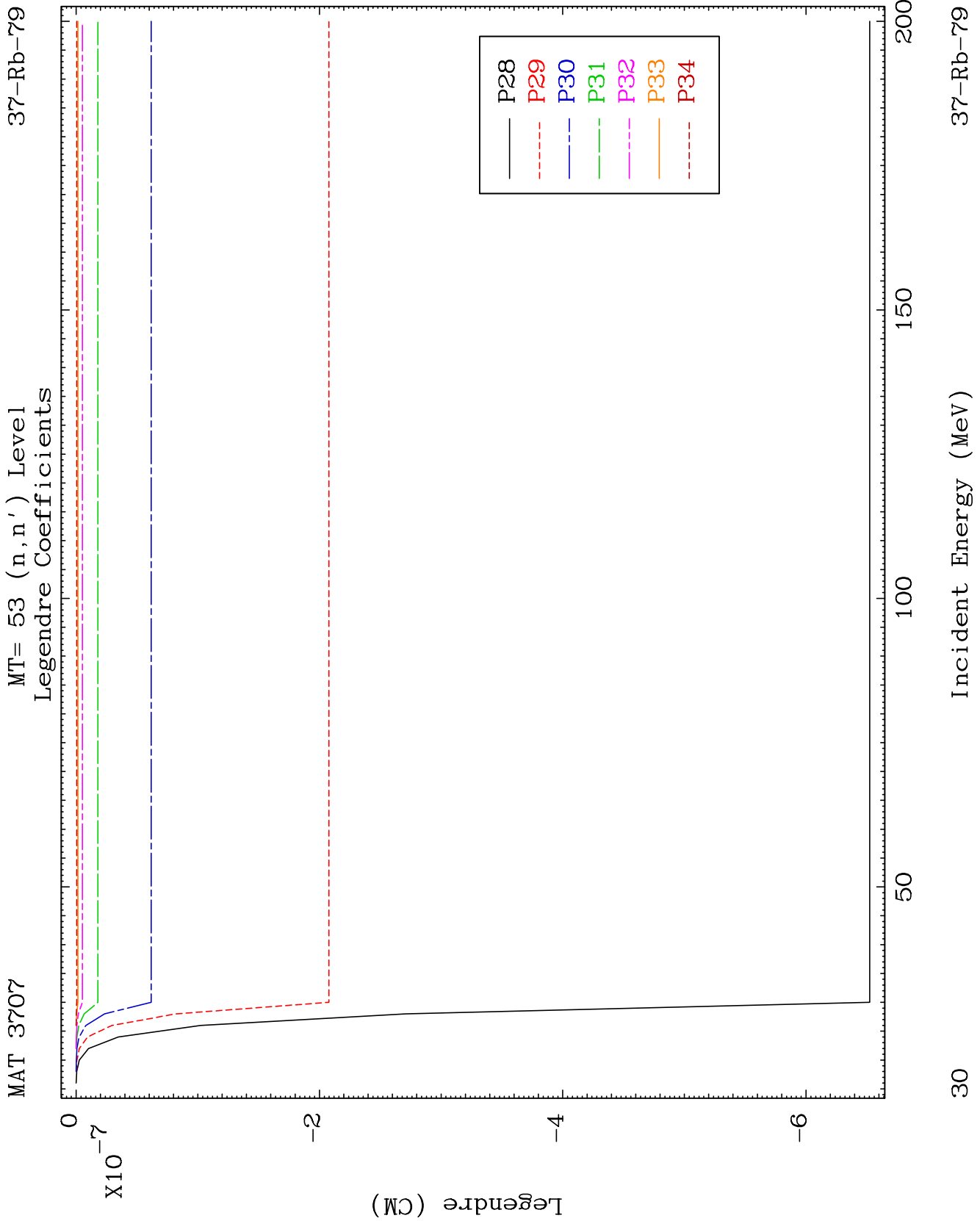
37-Rb-79

MAT 3707

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

37-Rb-79

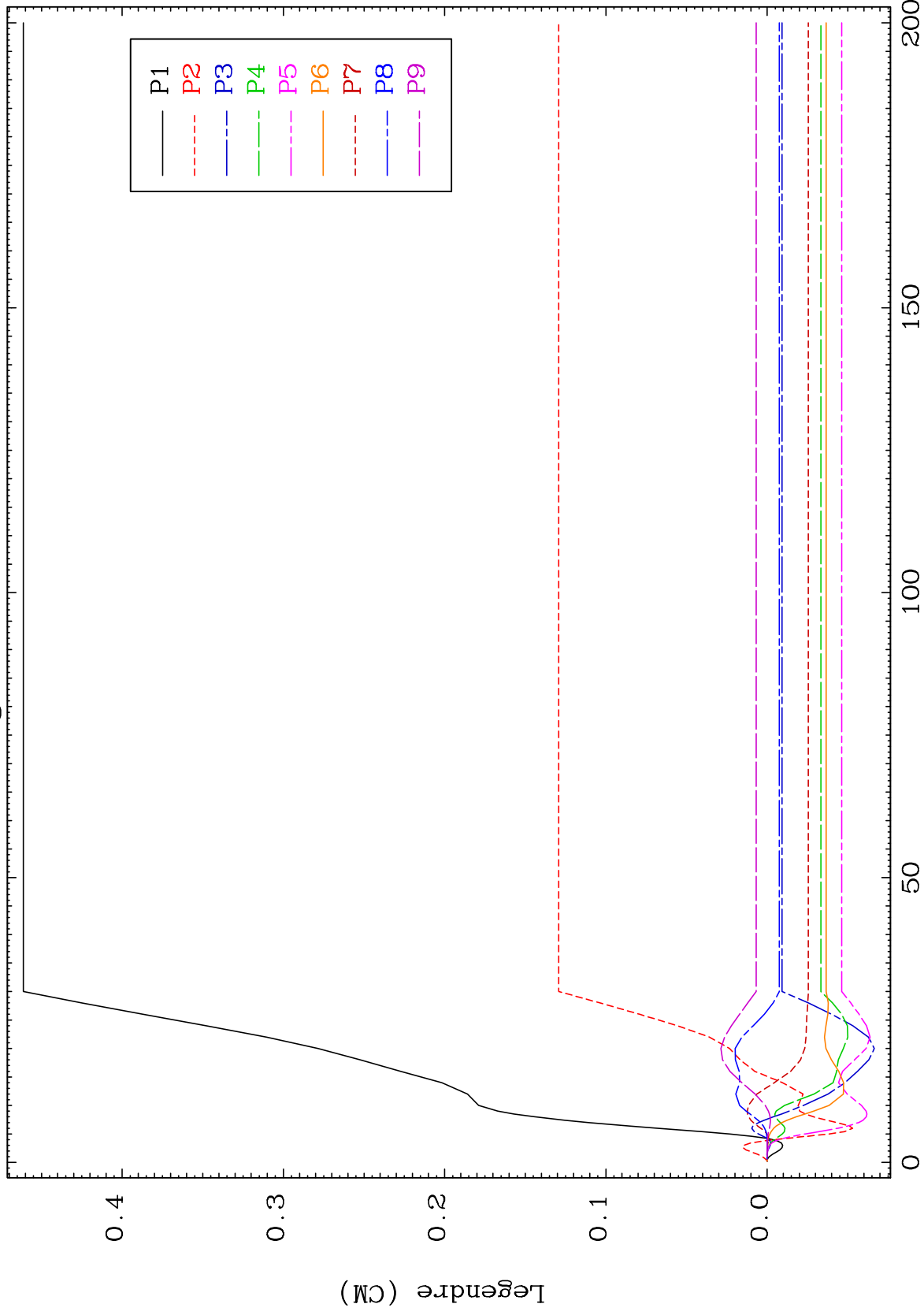




MAT 3707

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

37-Rb-79



31

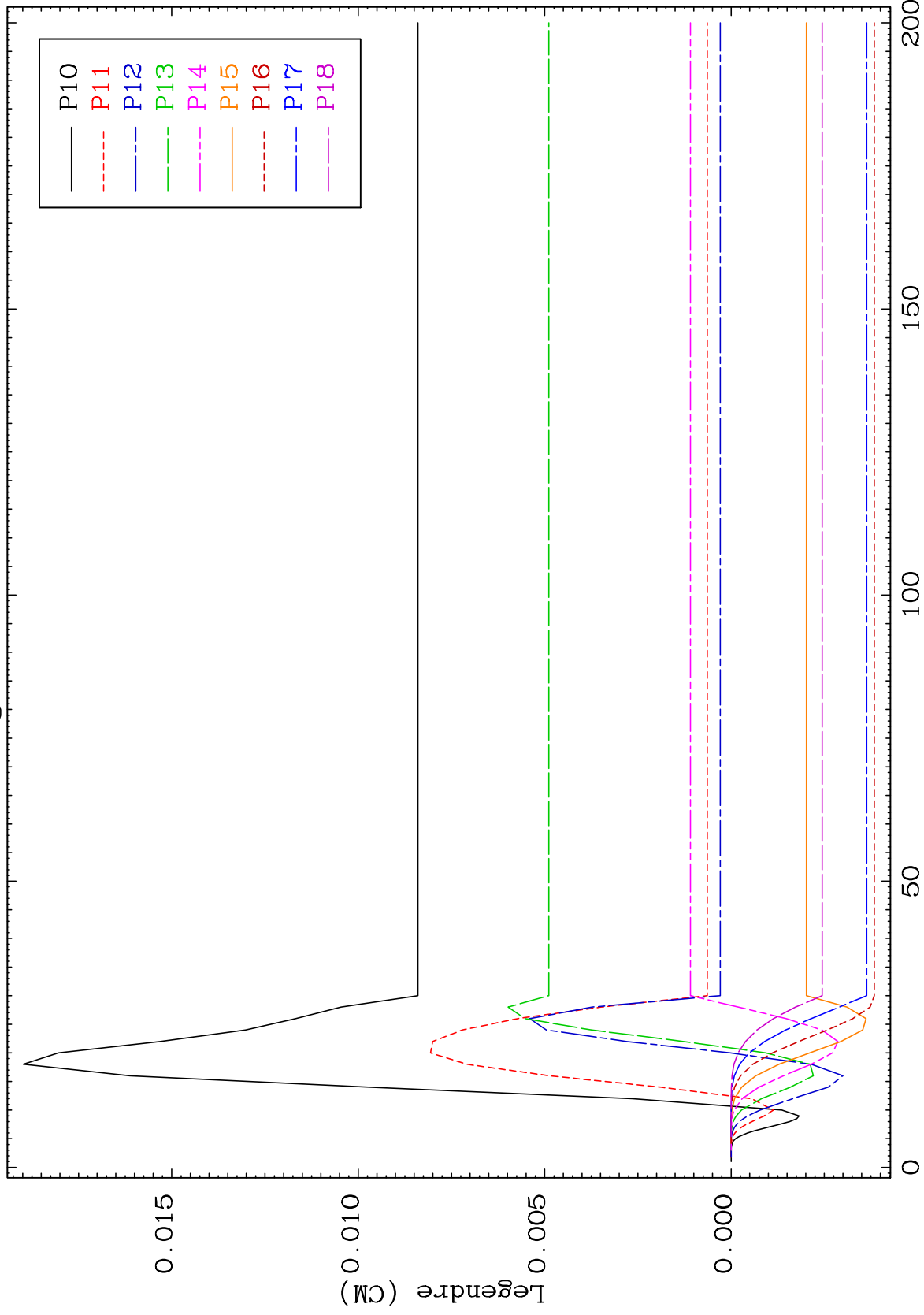
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

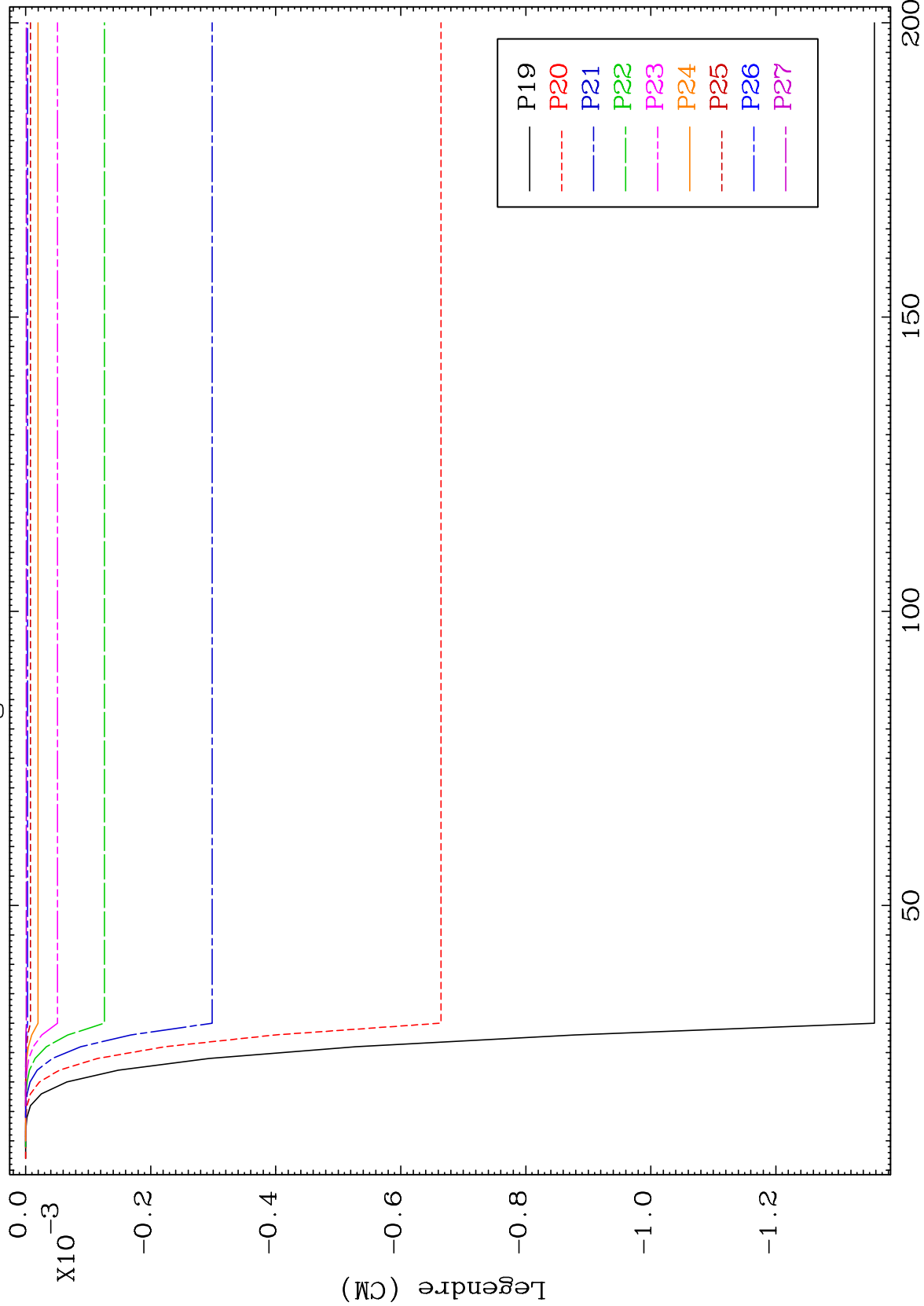
37-Rb-79



32

Incident Energy (MeV)

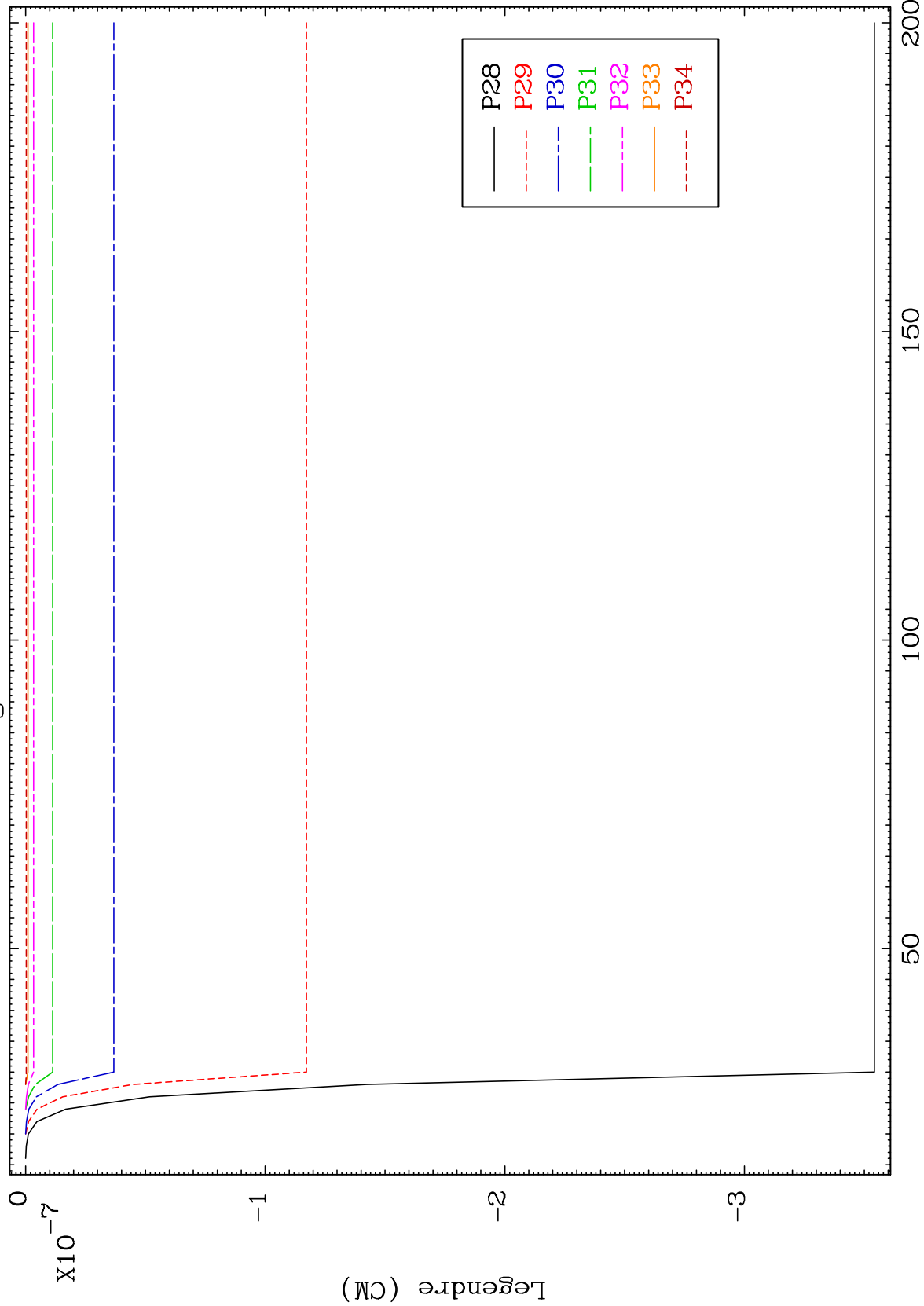
37-Rb-79



MAT 3707

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

37-Rb-79



34

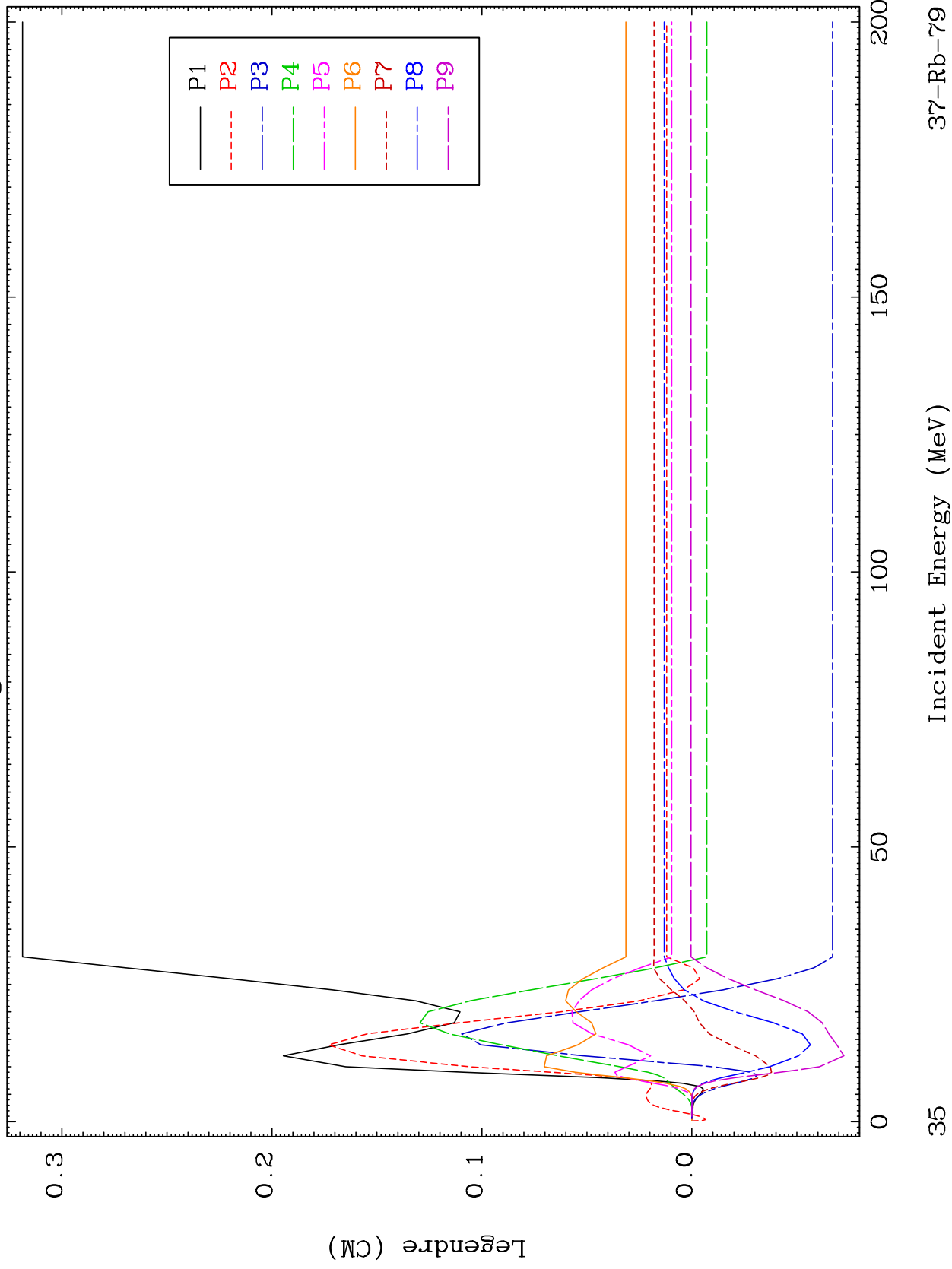
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

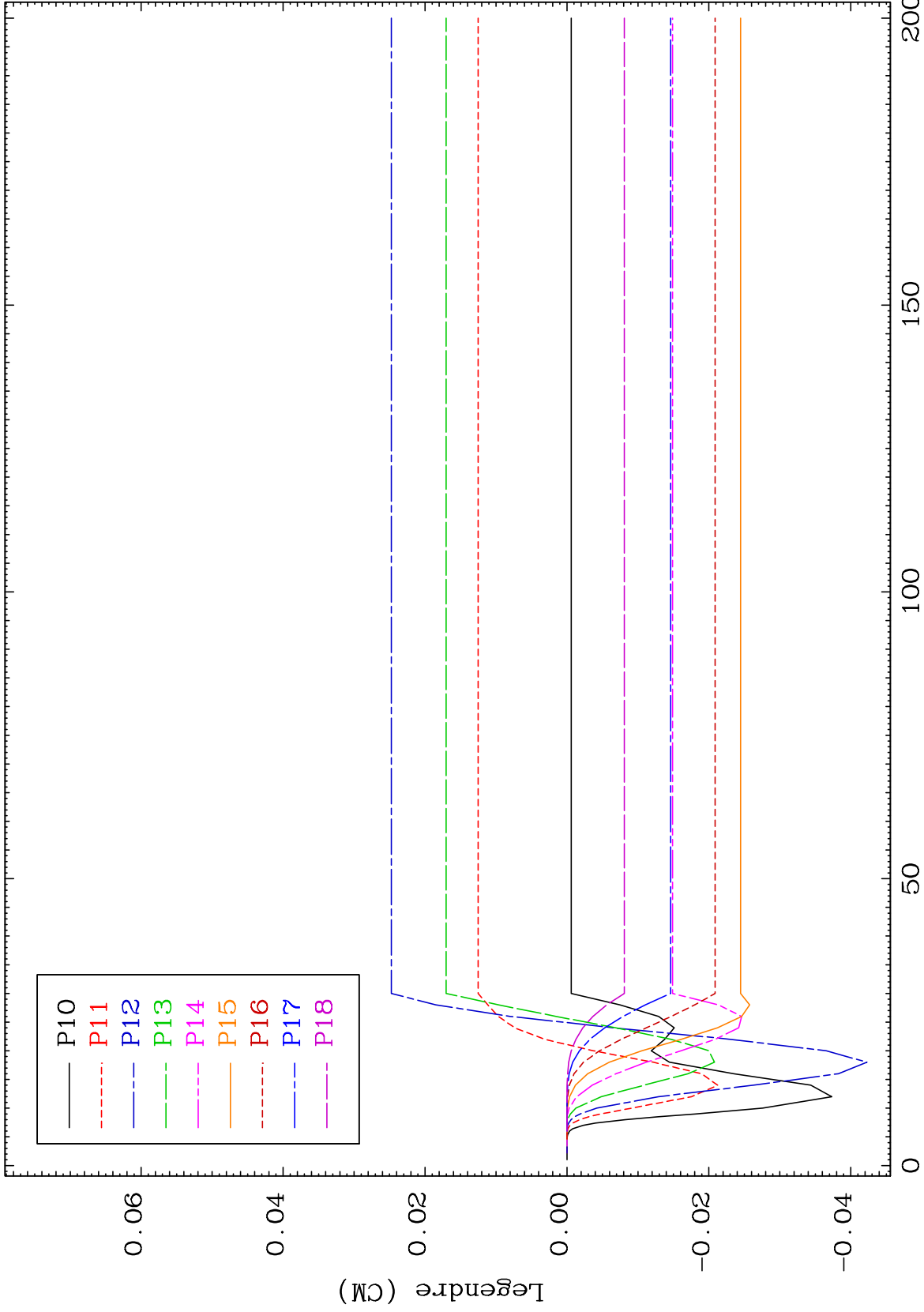
Incident Energy (MeV)

35

MAT 3707

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

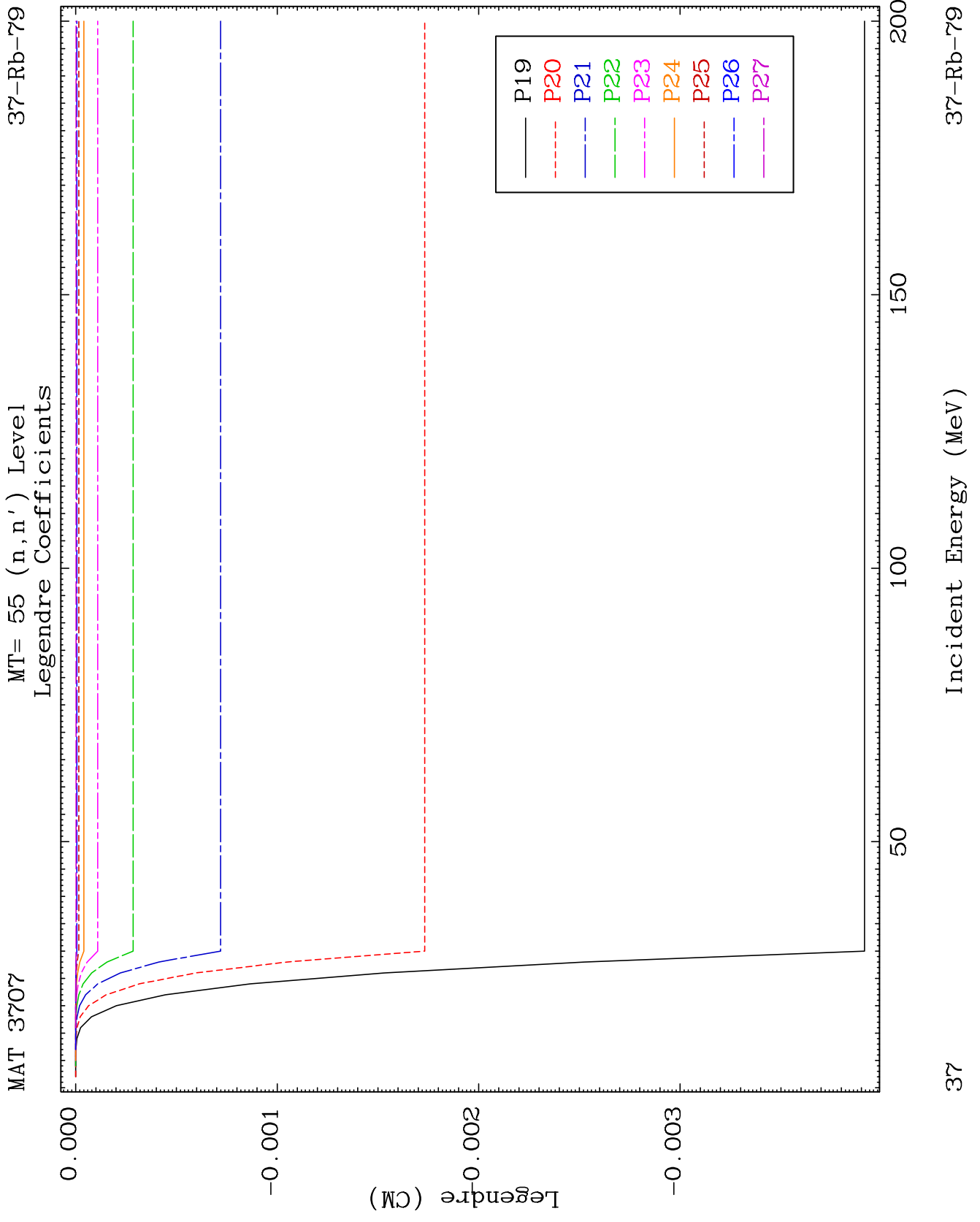
37-Rb-79



36

Incident Energy (MeV)

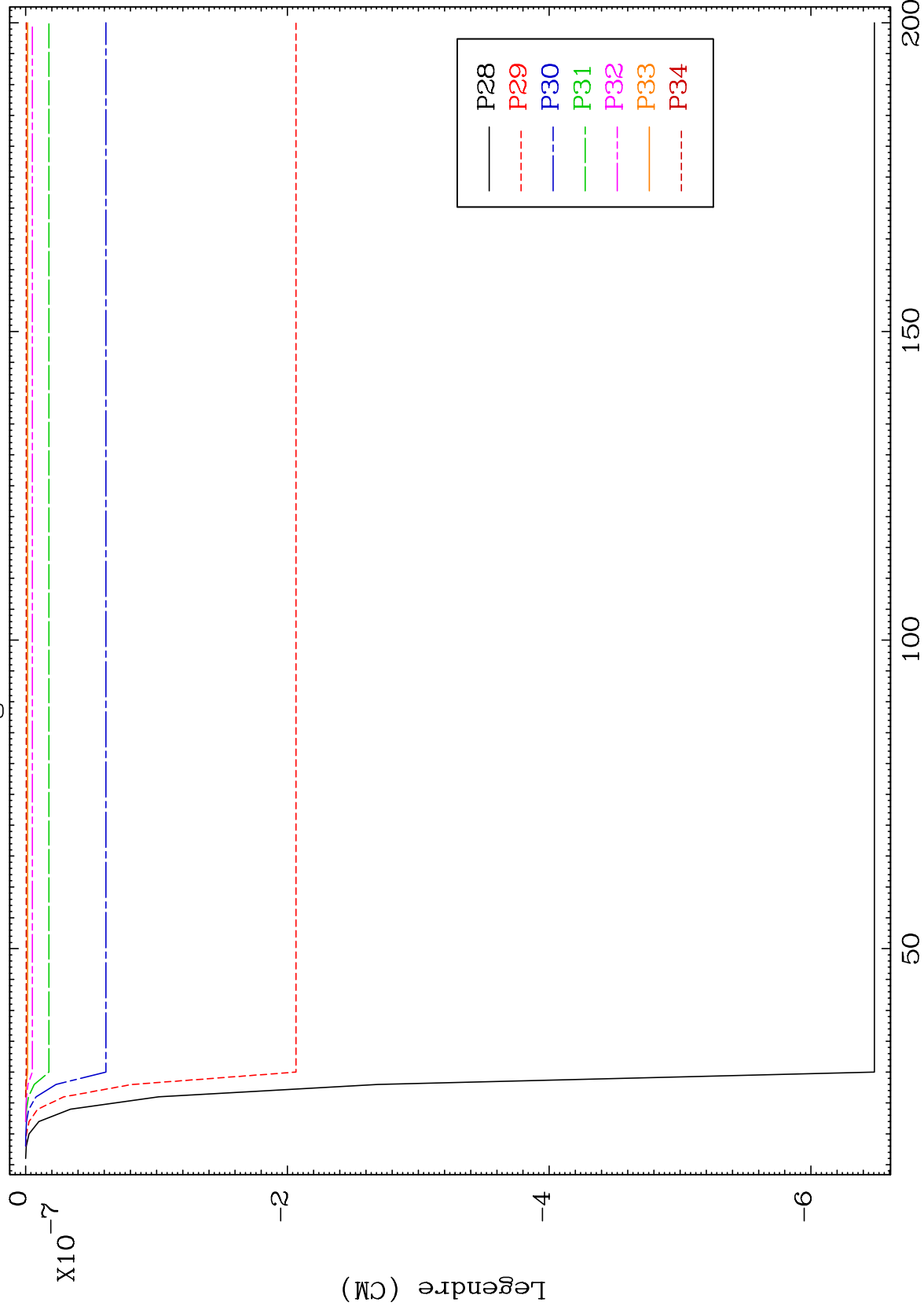
37-Rb-79



MAT 3707

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

37-Rb-79



38

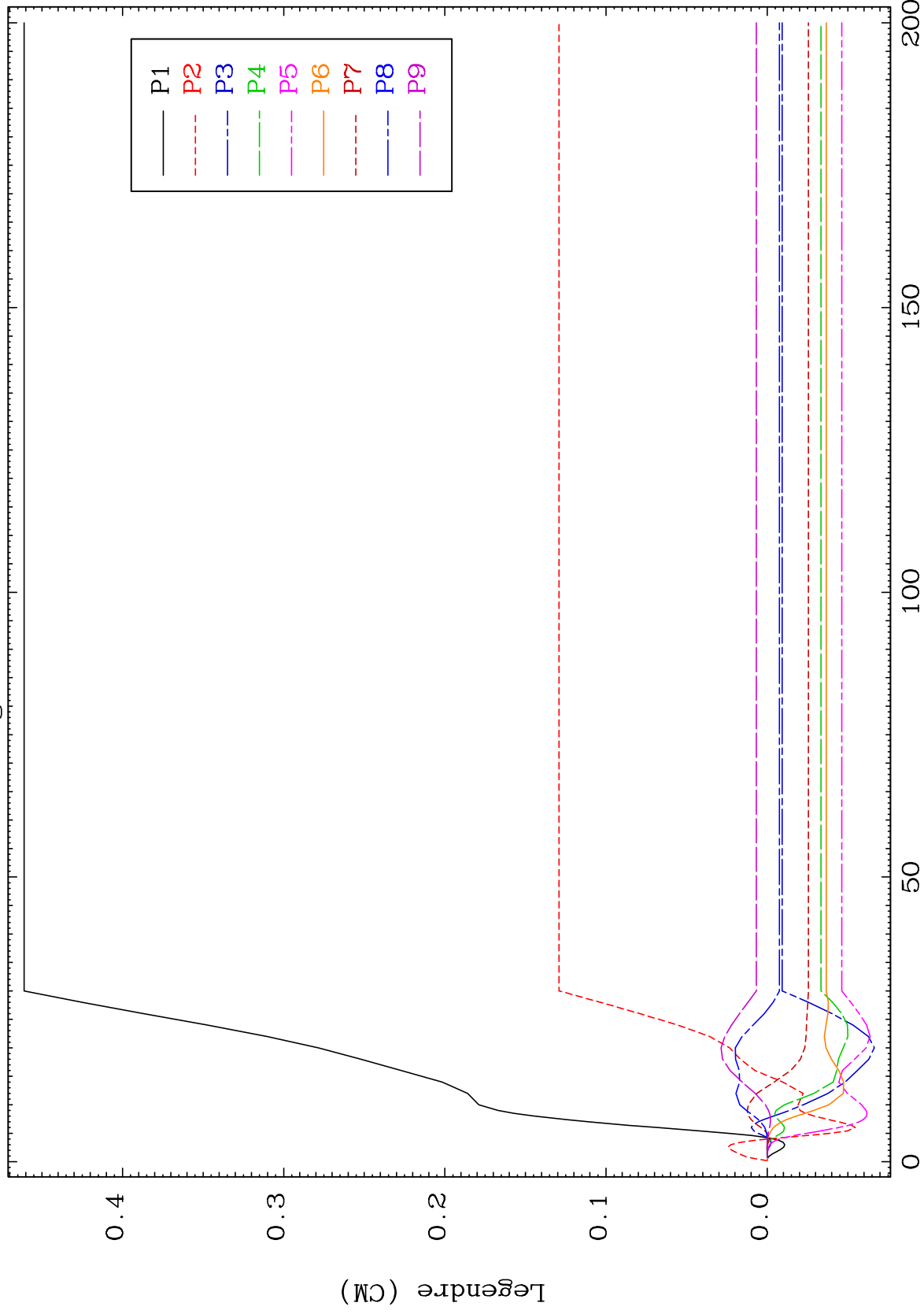
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

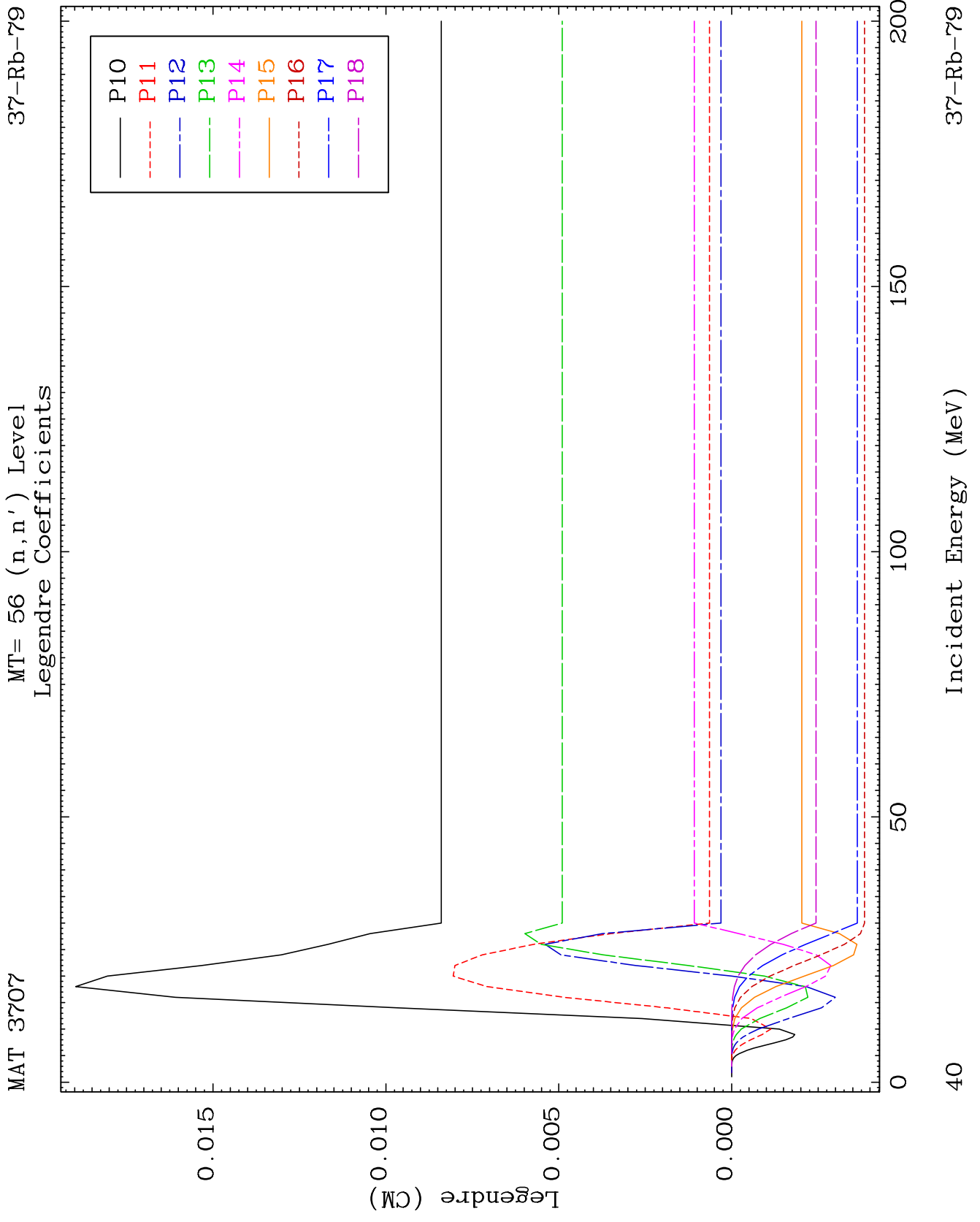
37-Rb-79



39

Incident Energy (MeV)

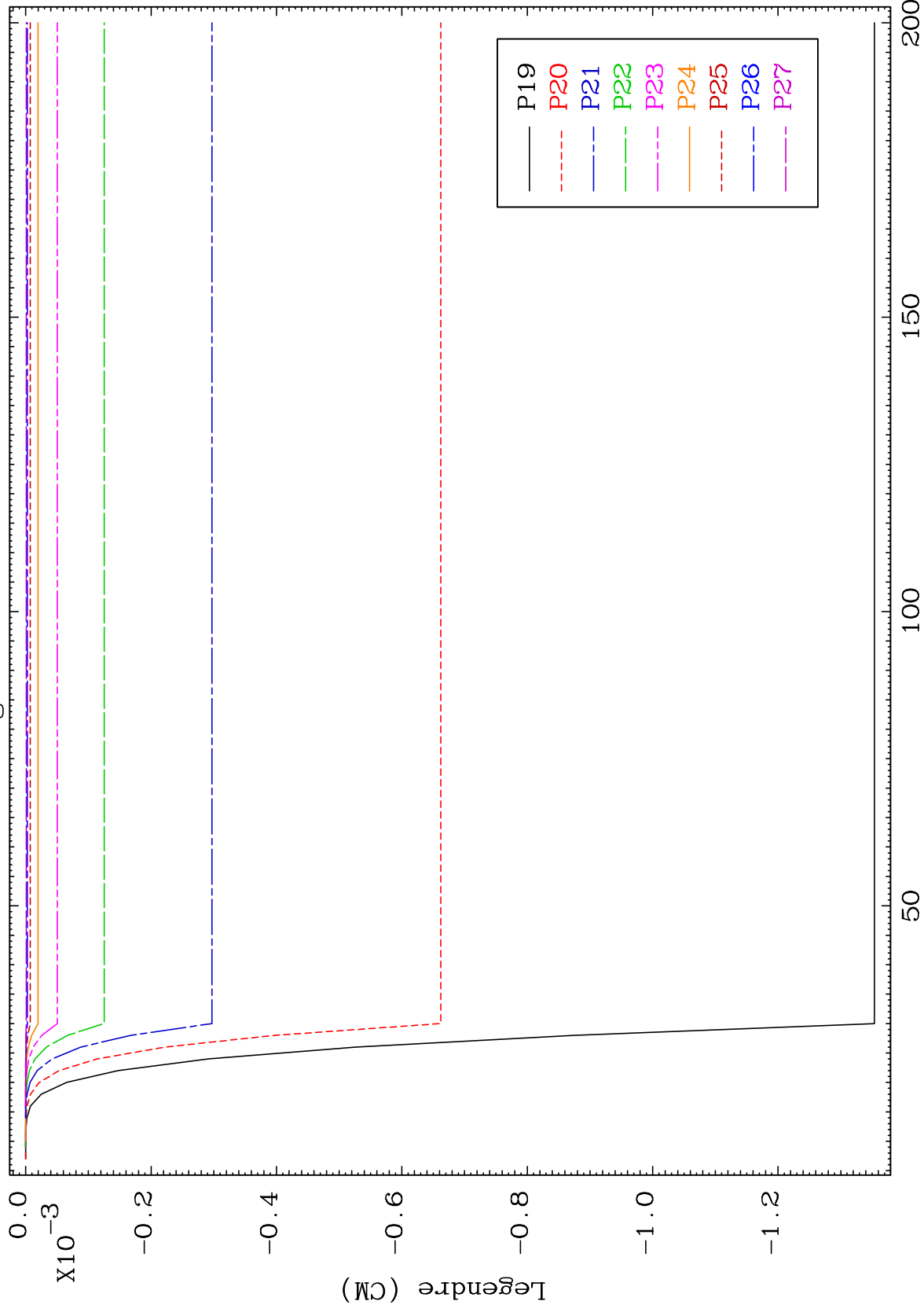
37-Rb-79



MAT 3707

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

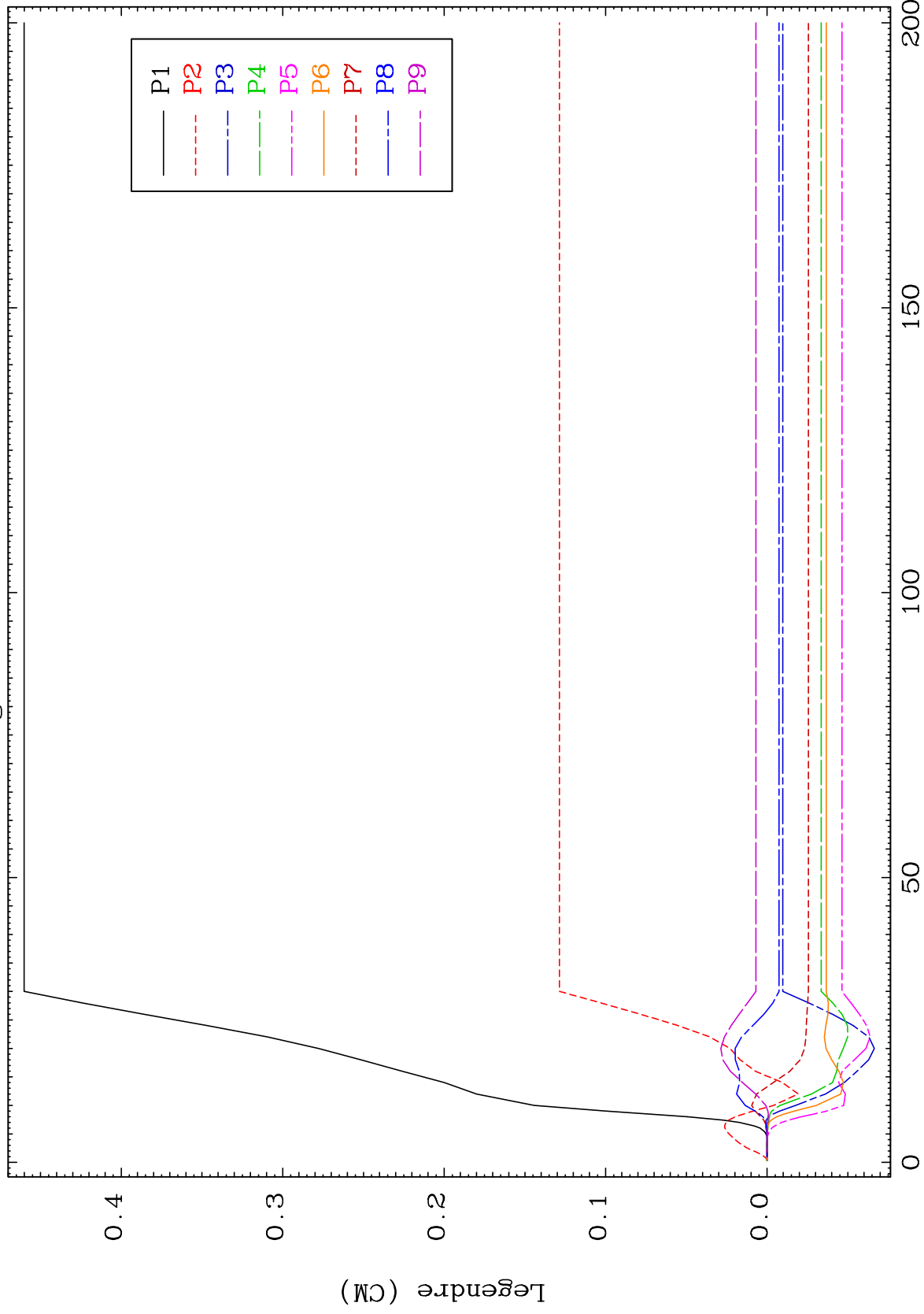
37-Rb-79



MAT 3707

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

37-Rb-79



43

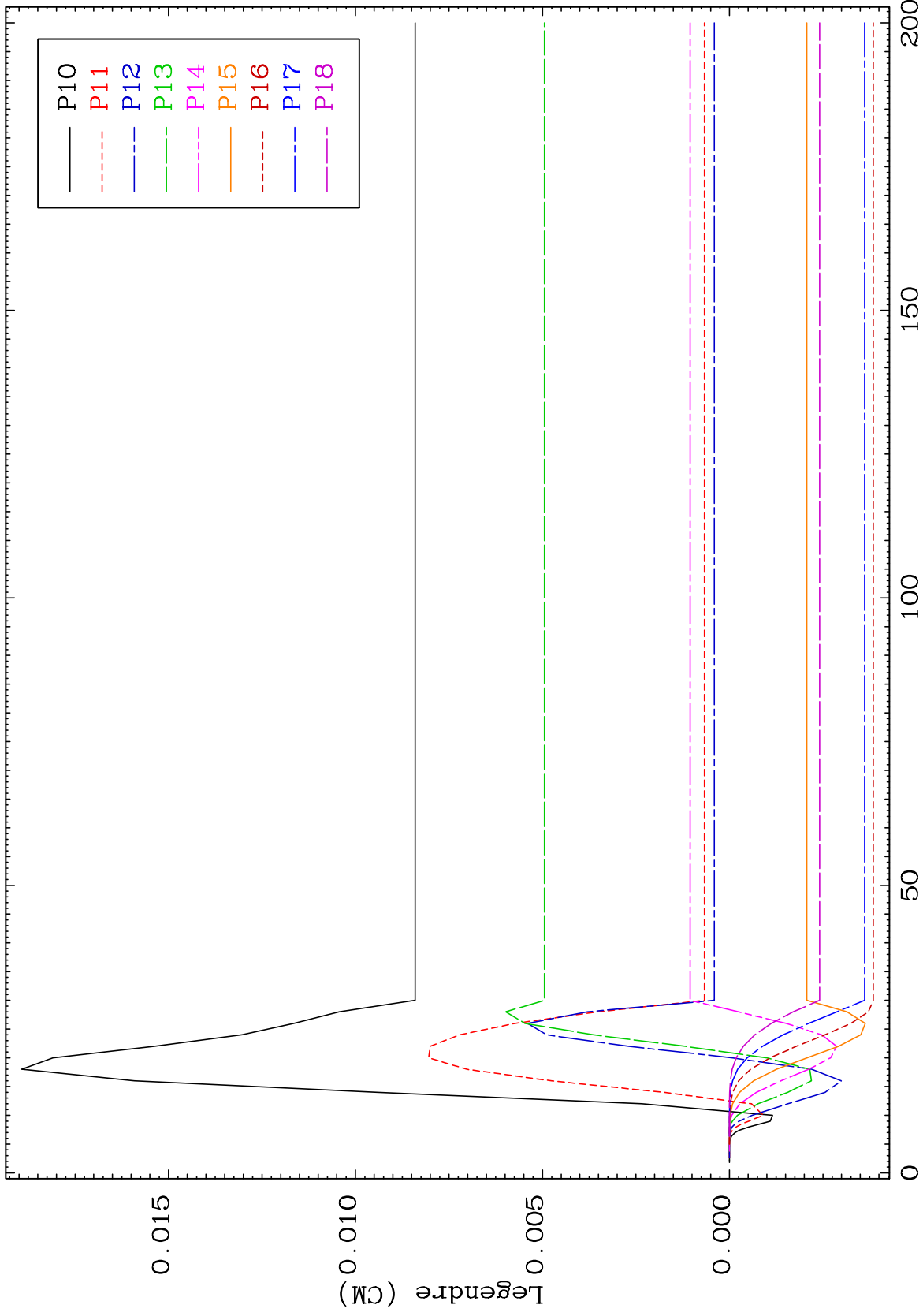
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



44

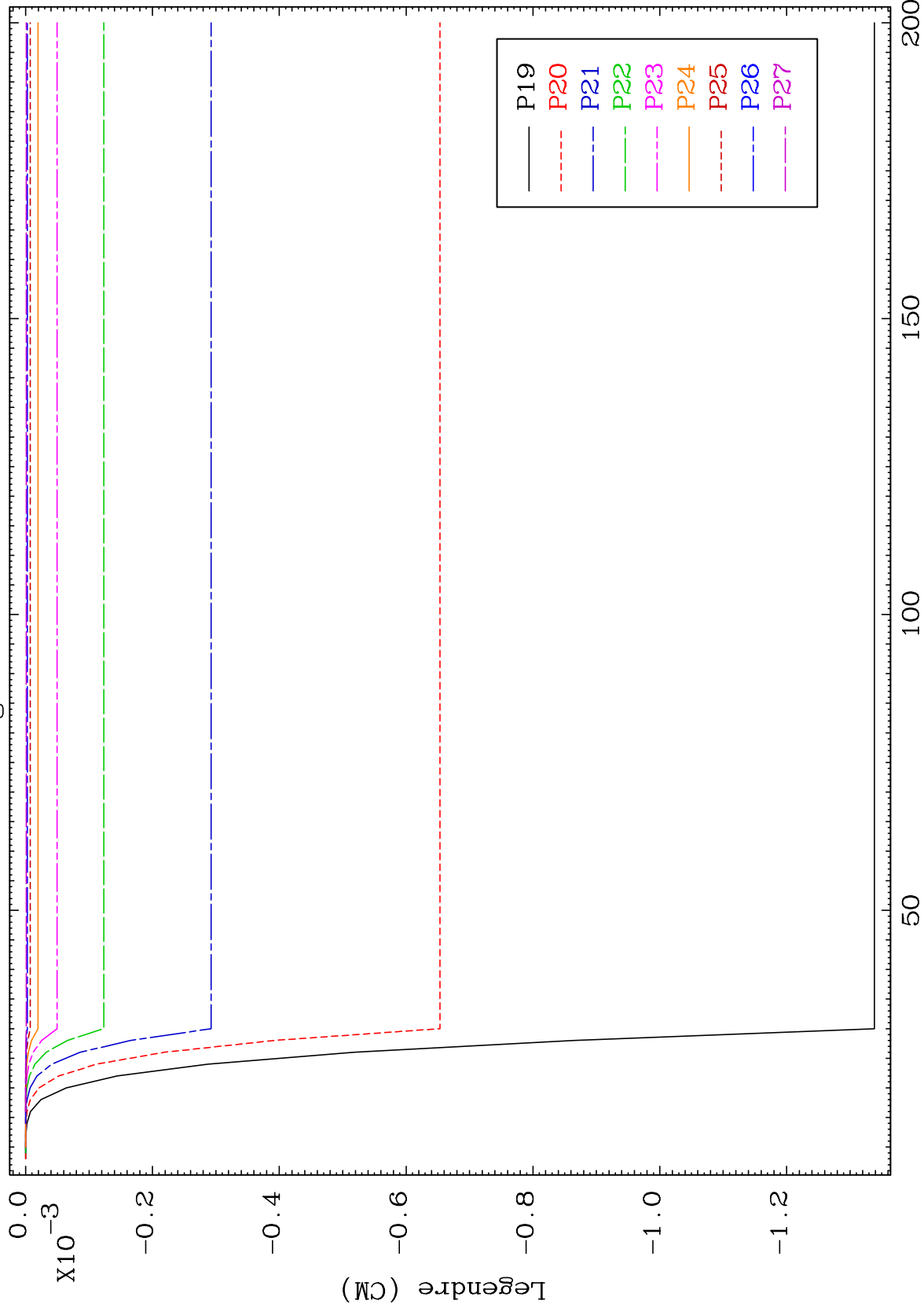
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



45

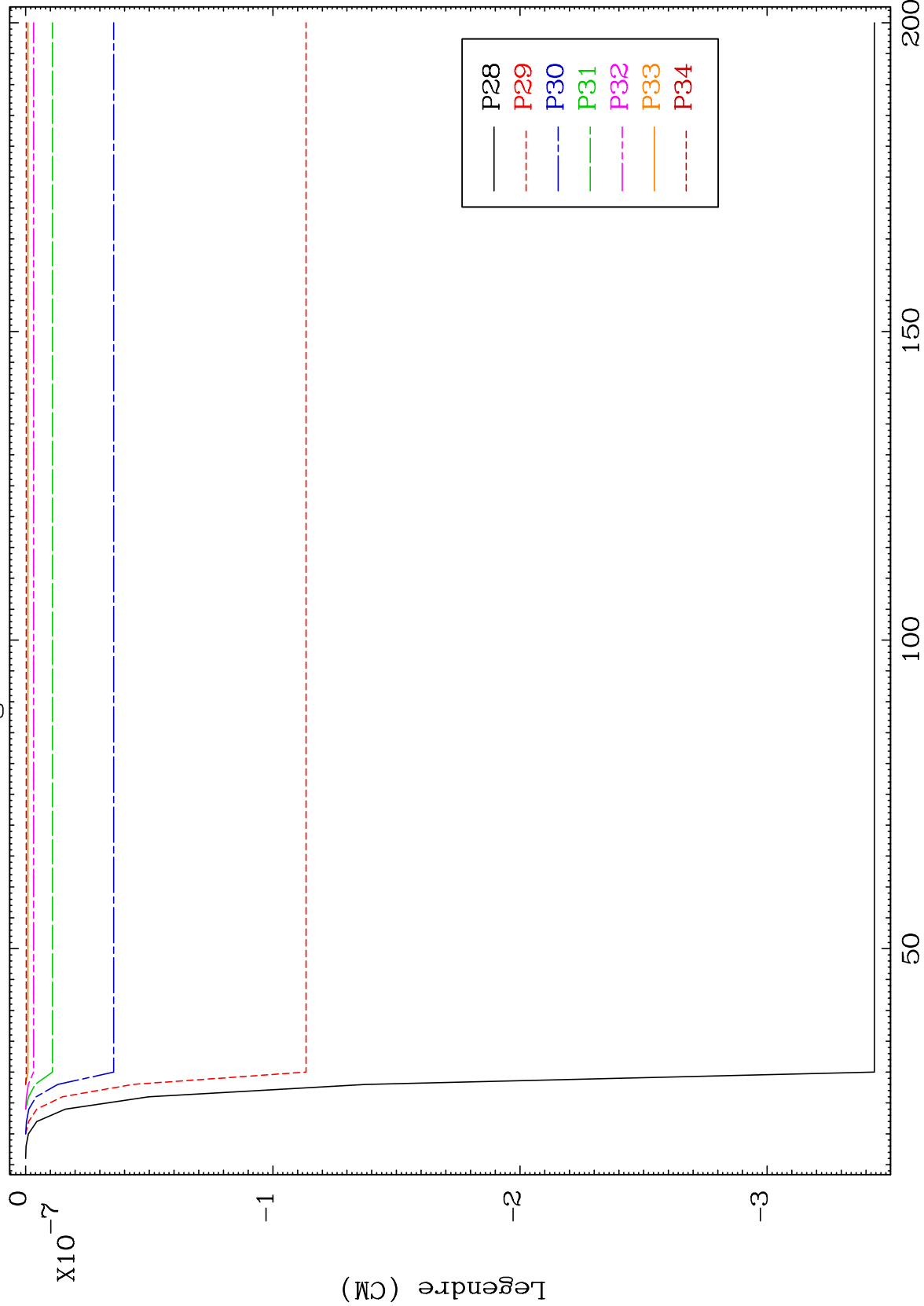
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



46

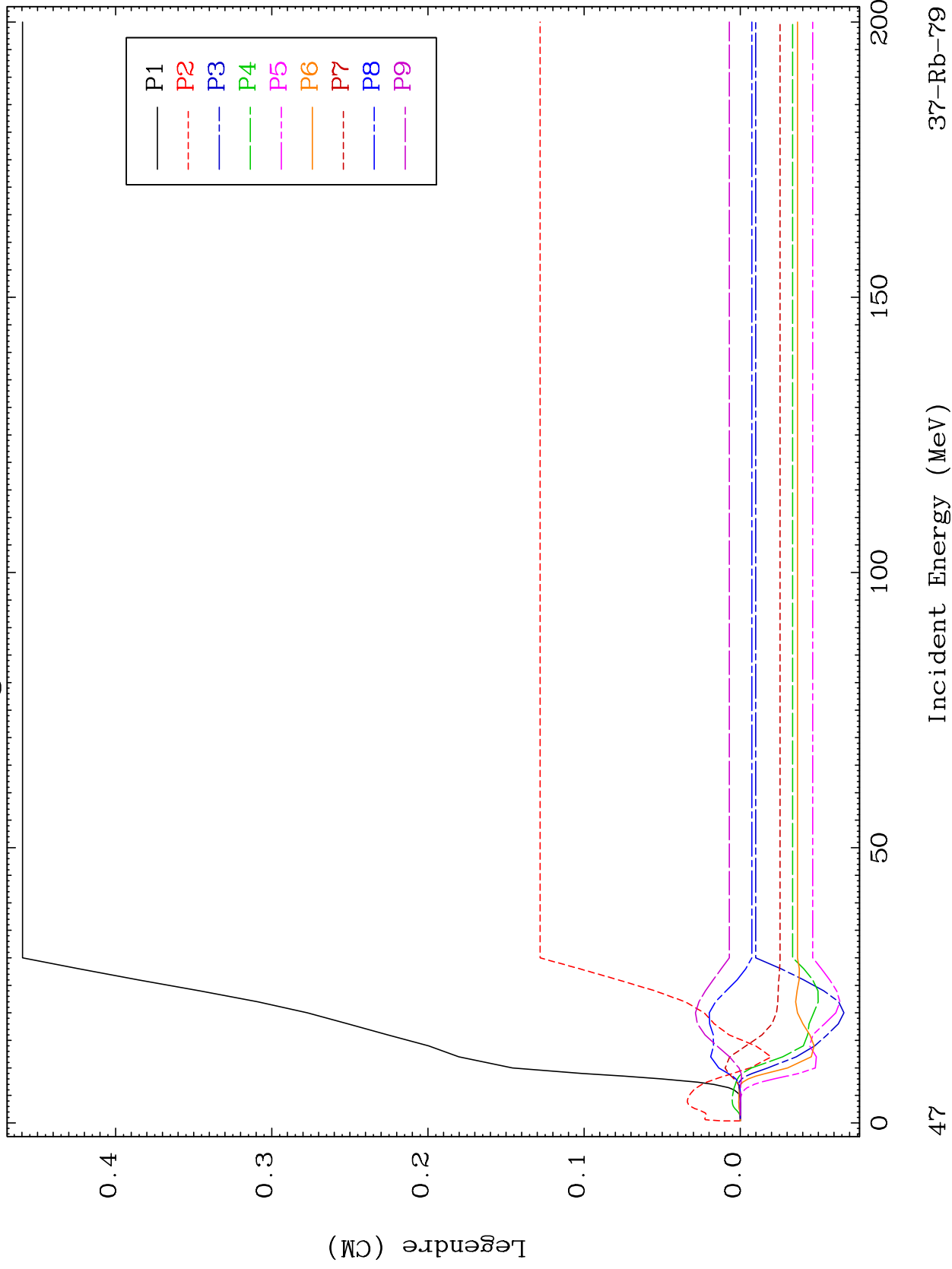
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



47

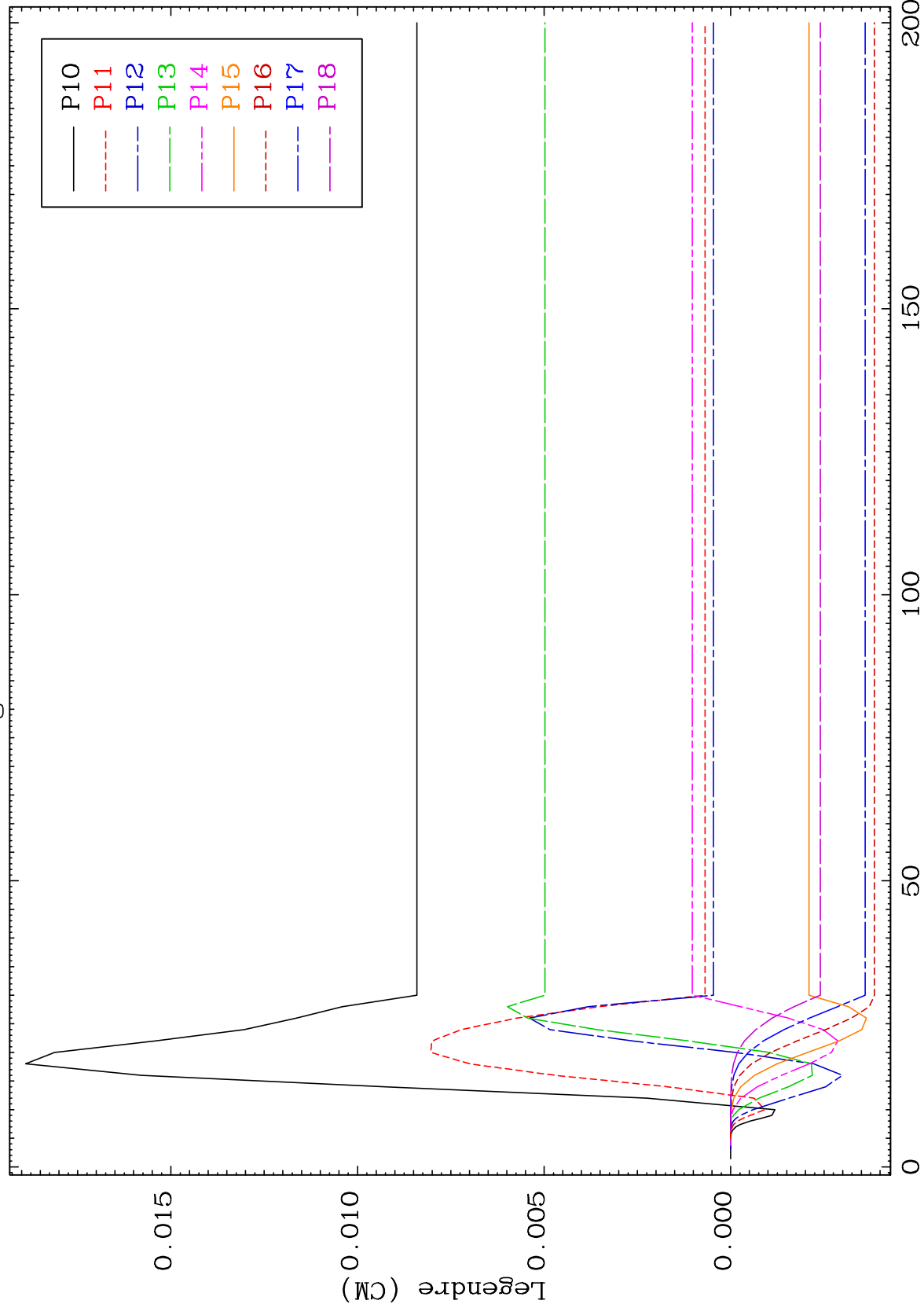
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



48

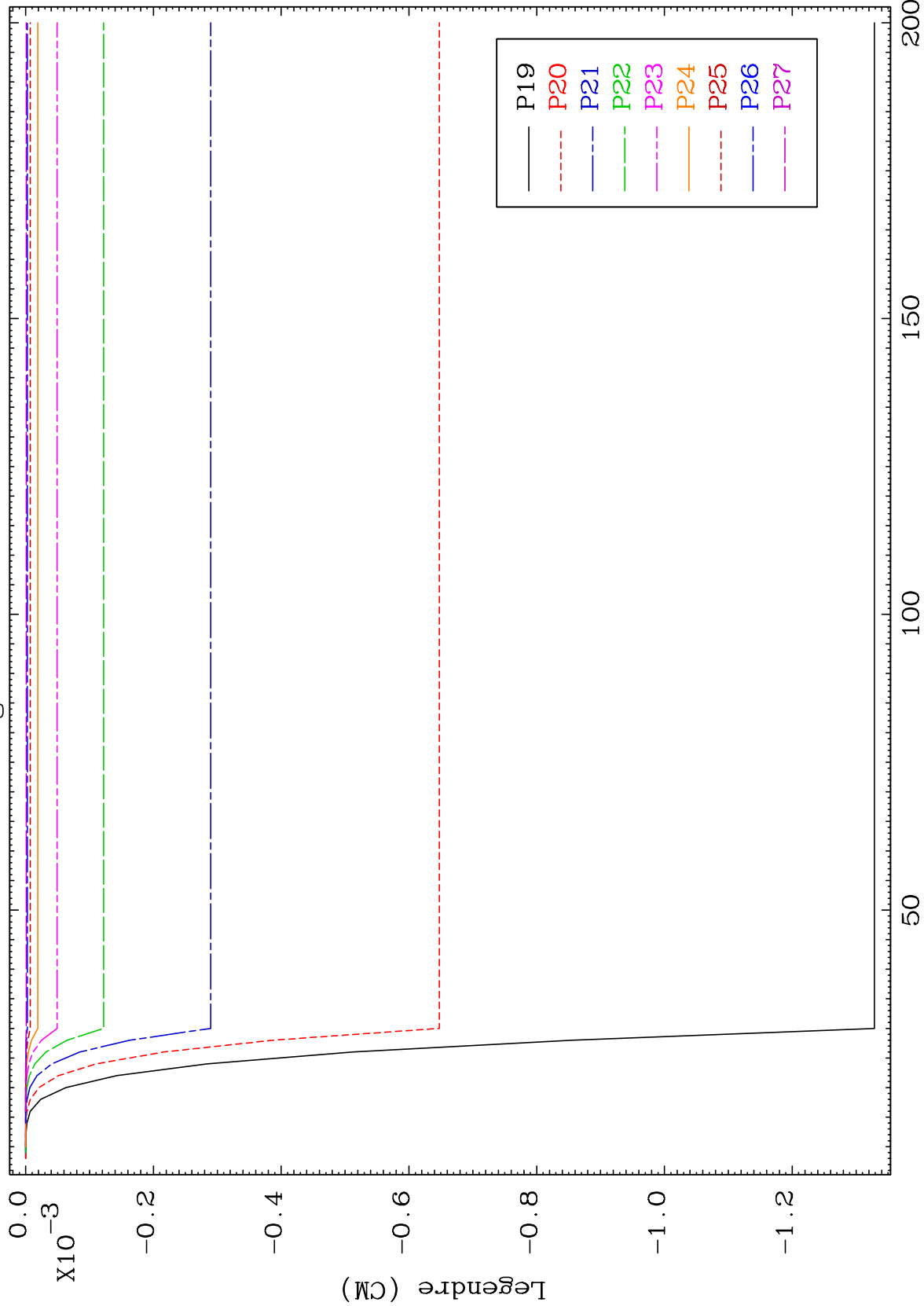
Incident Energy (MeV)

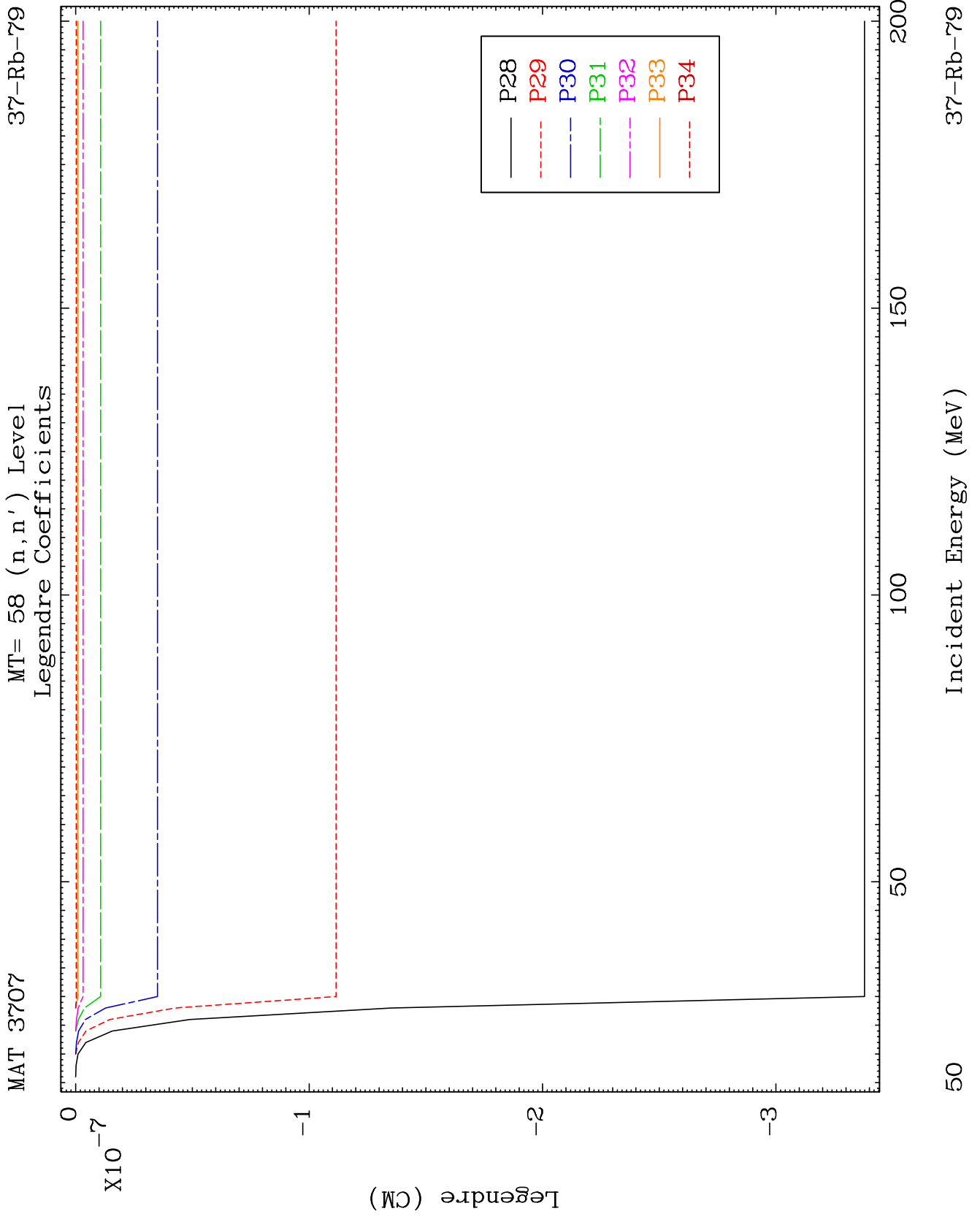
37-Rb-79

MAT 3707

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

37-Rb-79

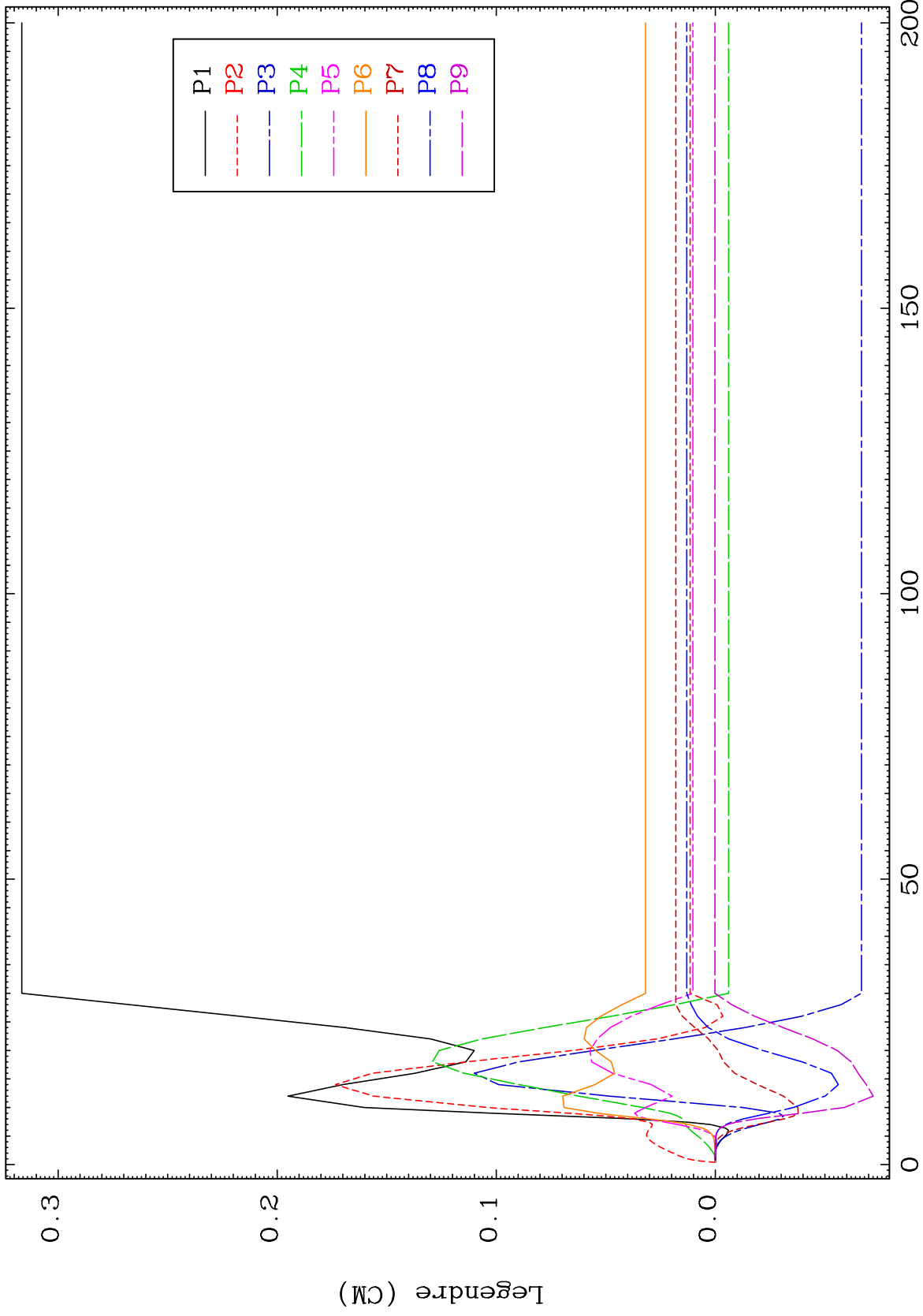




MAT 3707

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

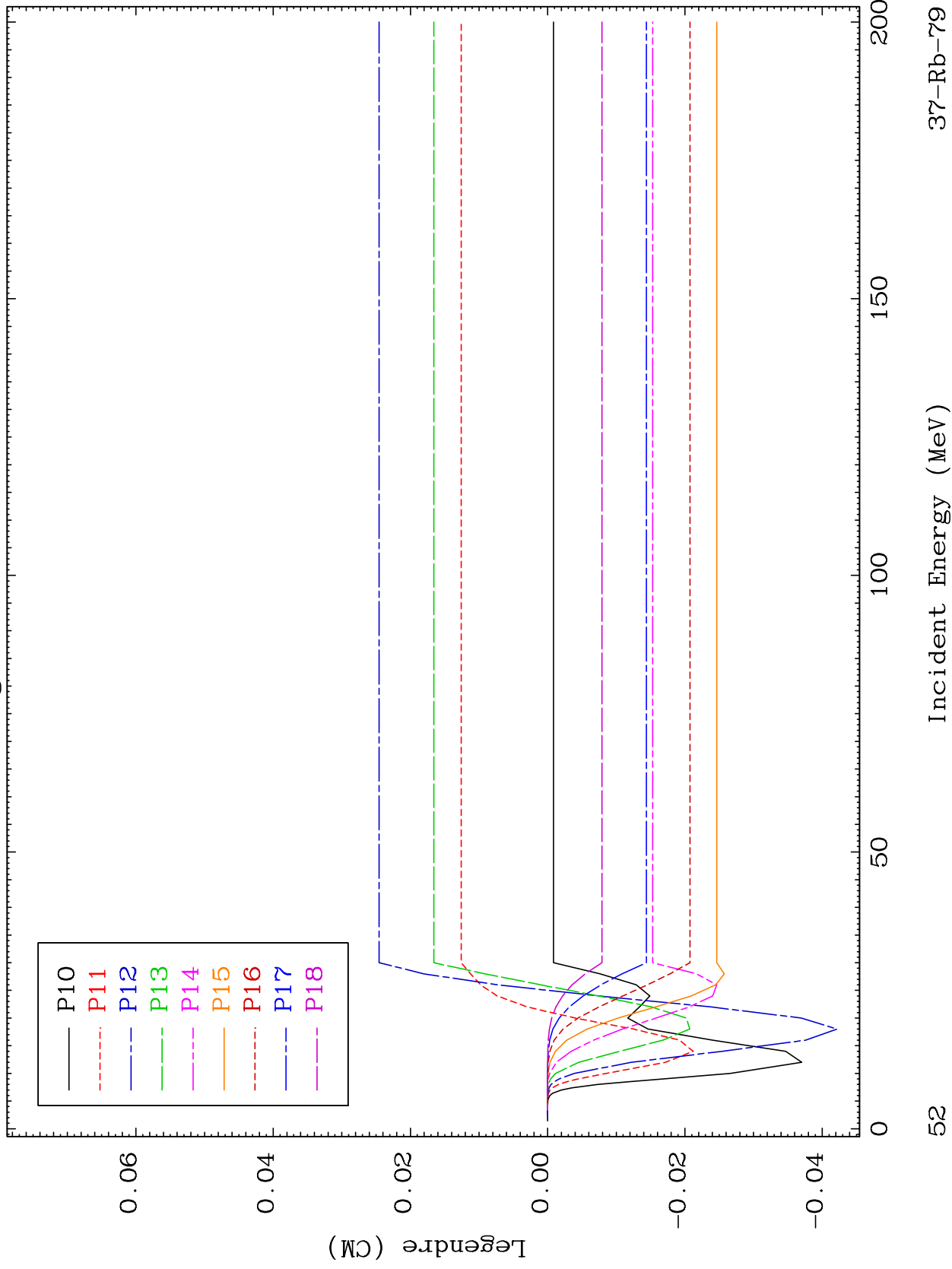
37-Rb-79



51

Incident Energy (MeV)

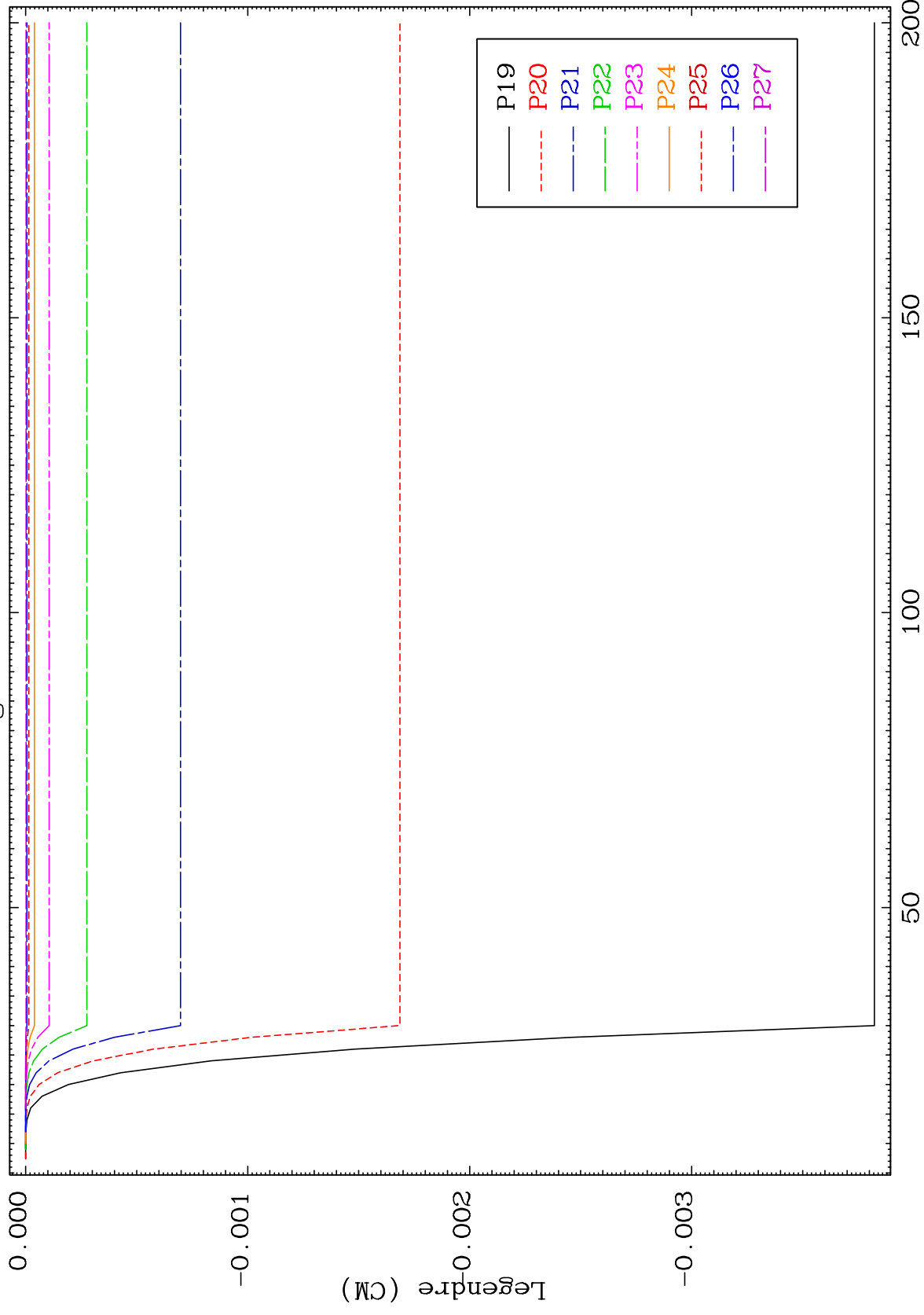
37-Rb-79



MAT 3707

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

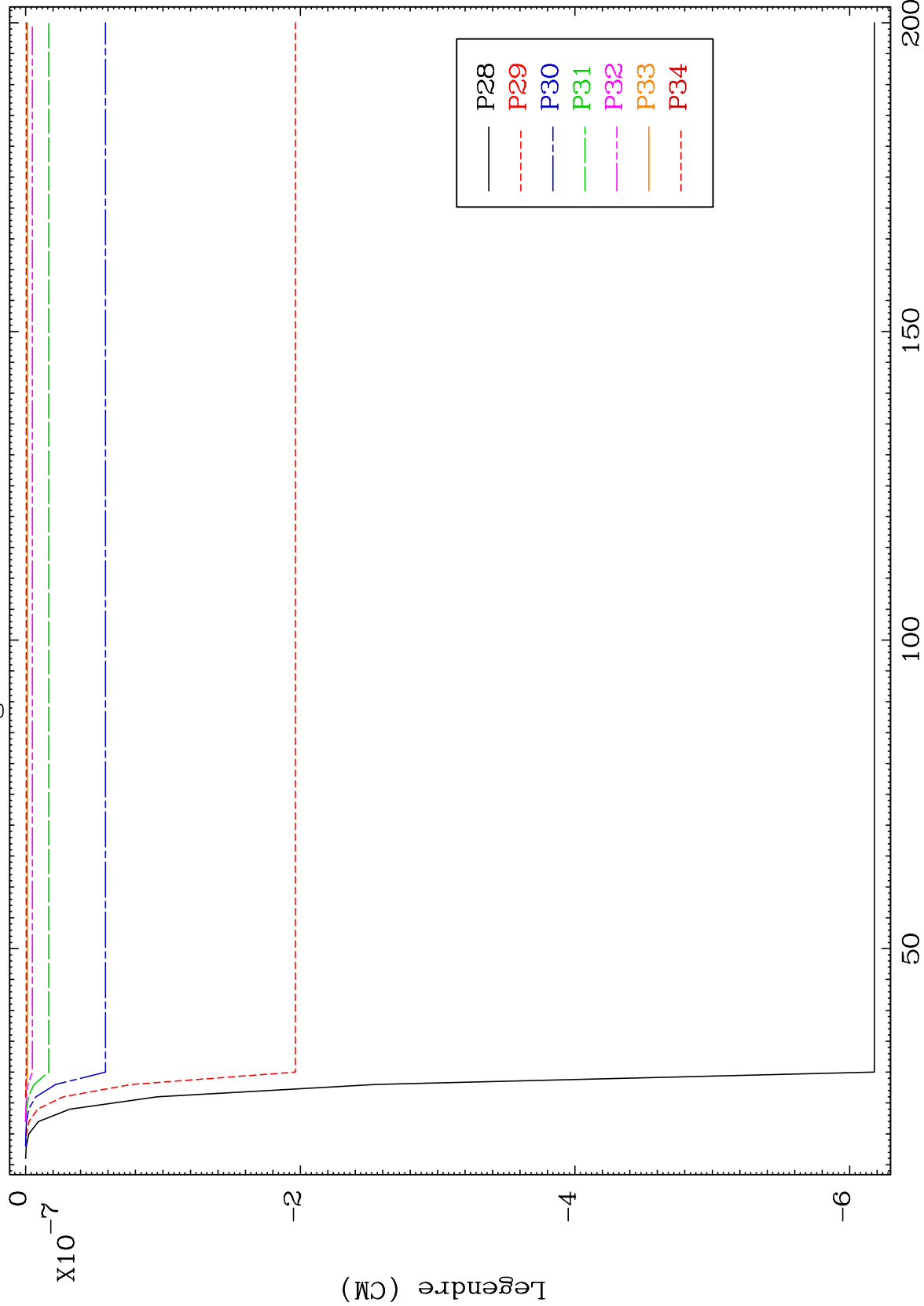
37-Rb-79



MAT 3707

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

37-Rb-79



54

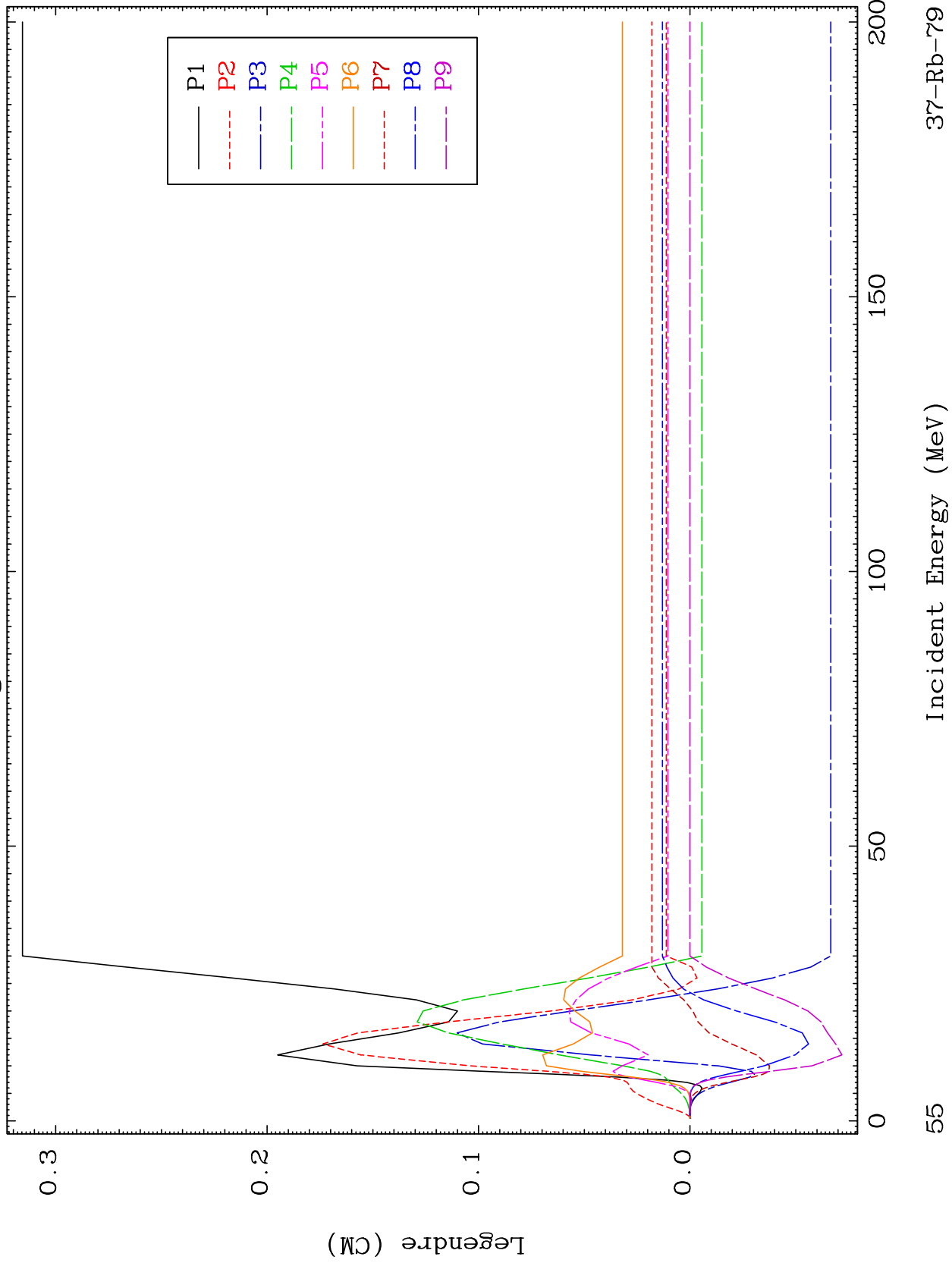
Incident Energy (MeV)

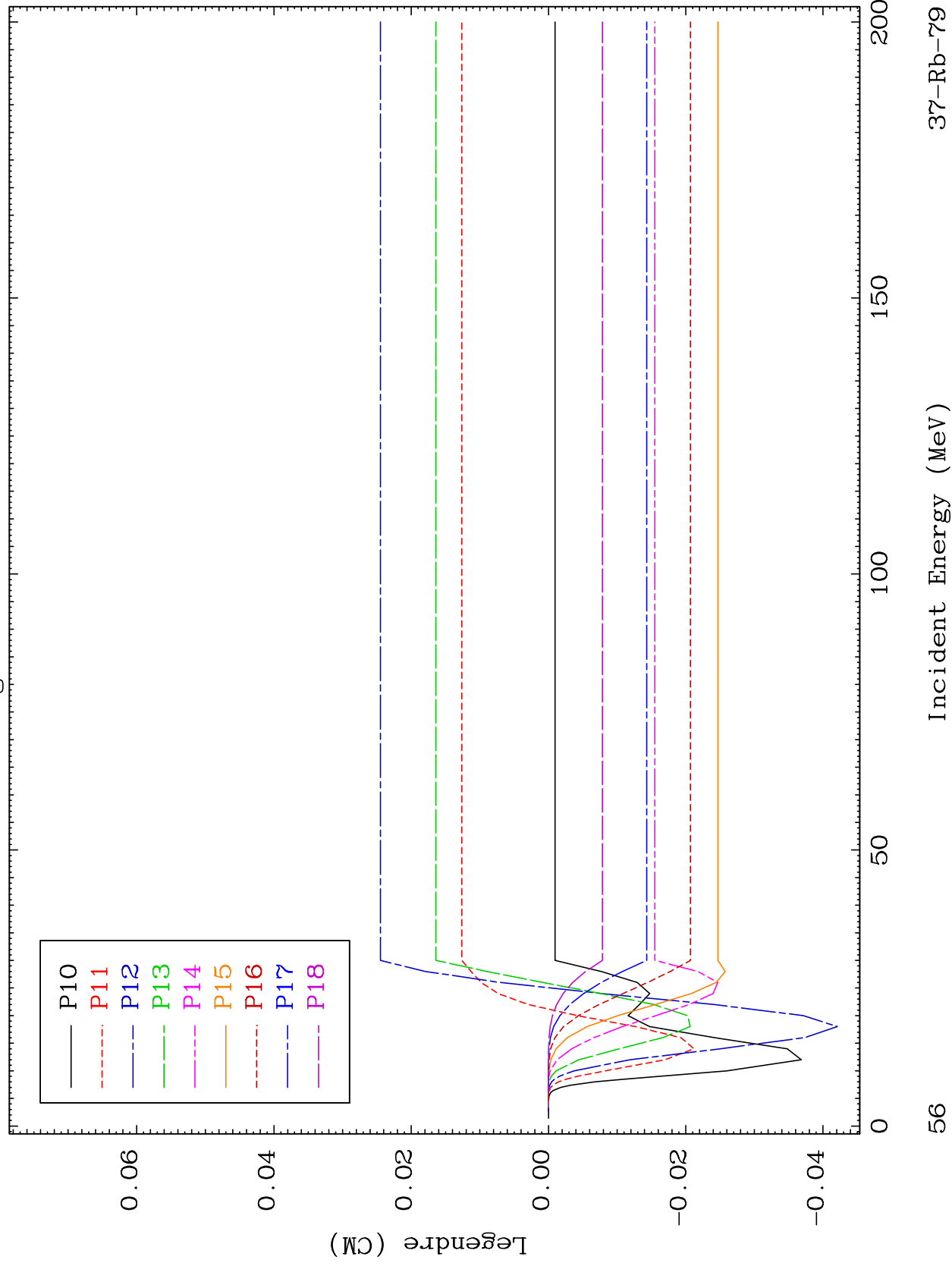
37-Rb-79

MAT 3707

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

37-Rb-79

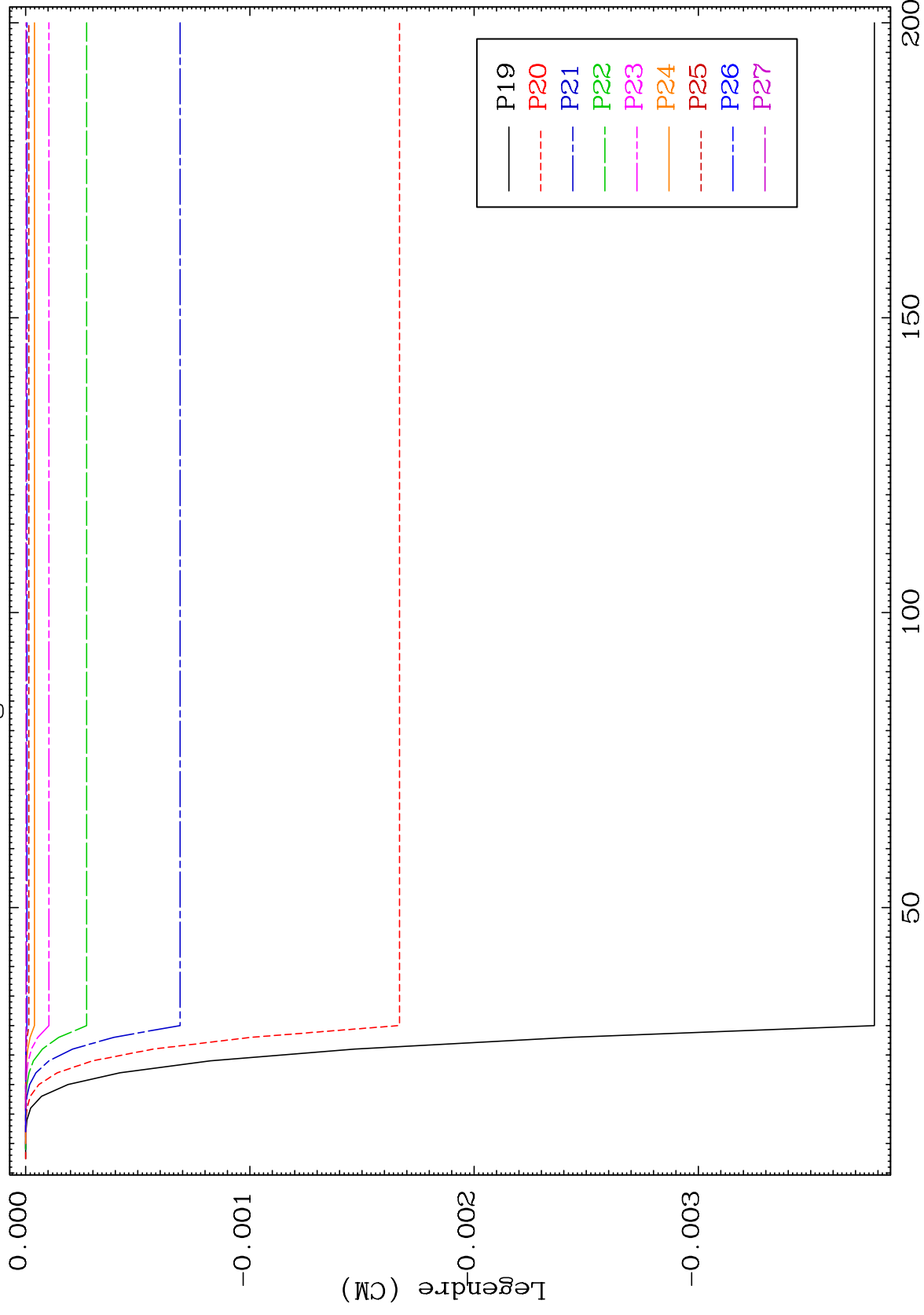


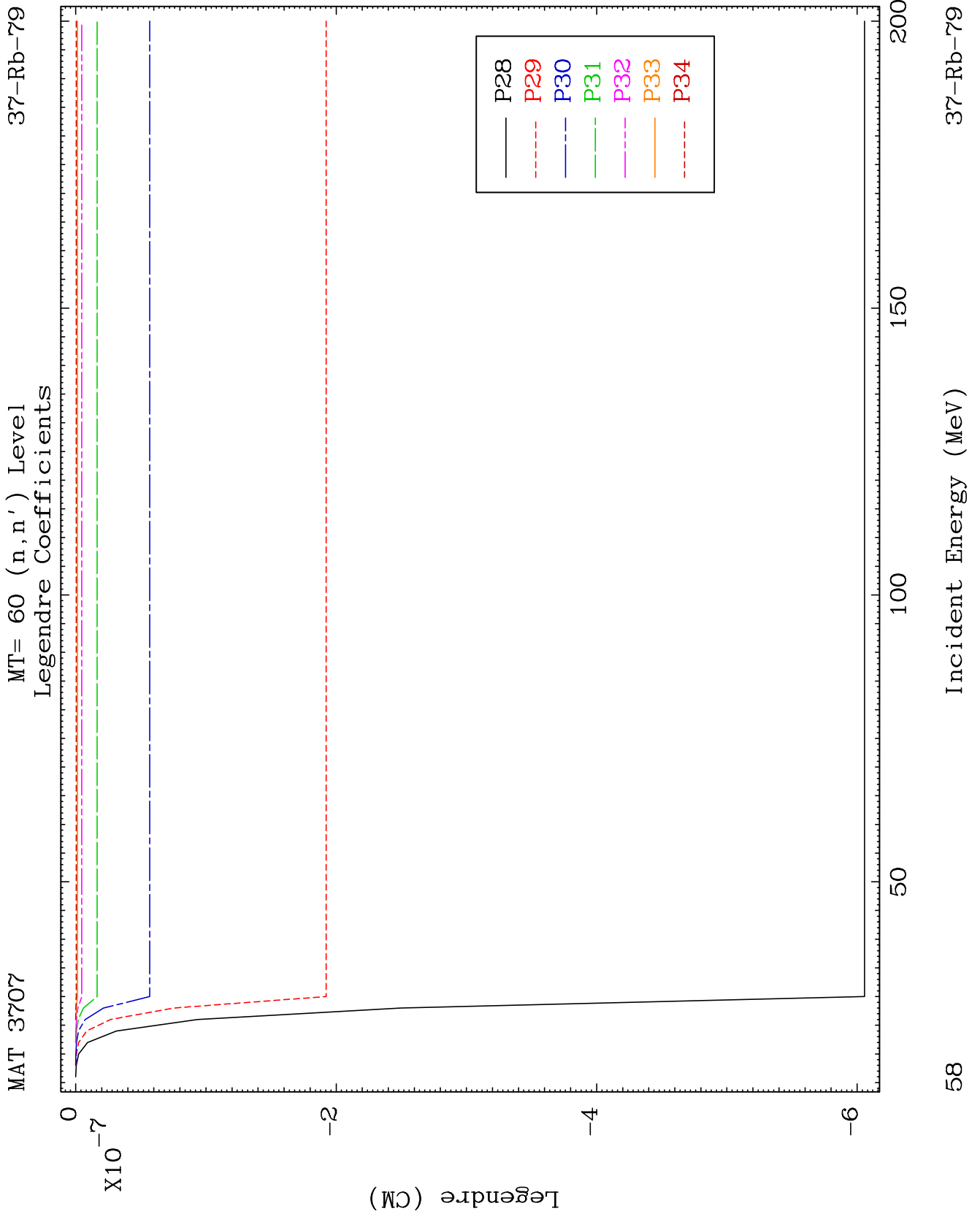


MAT 3707

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

37-Rb-79

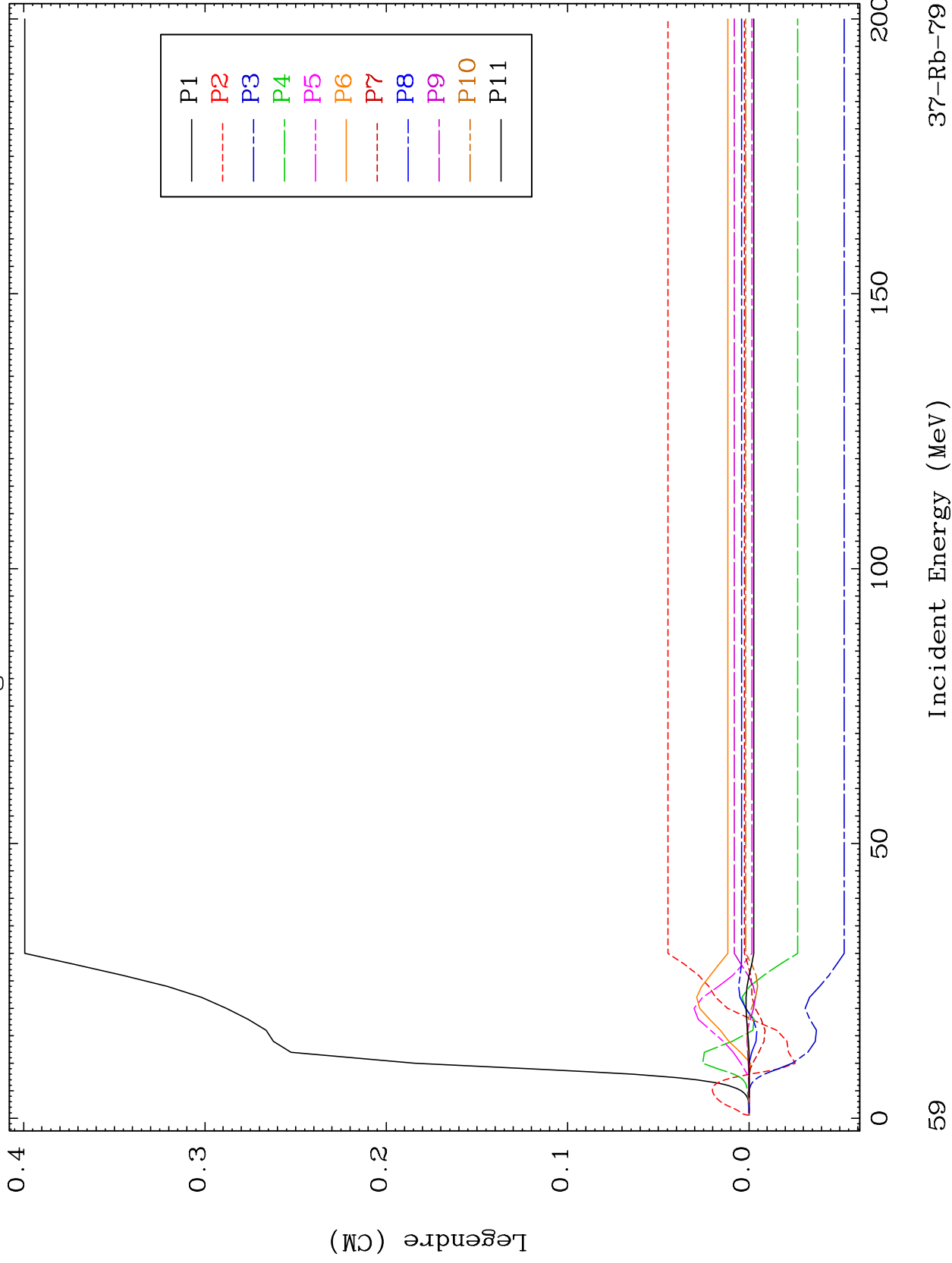




MAT 3707

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

37-Rb-79



37-Rb-79

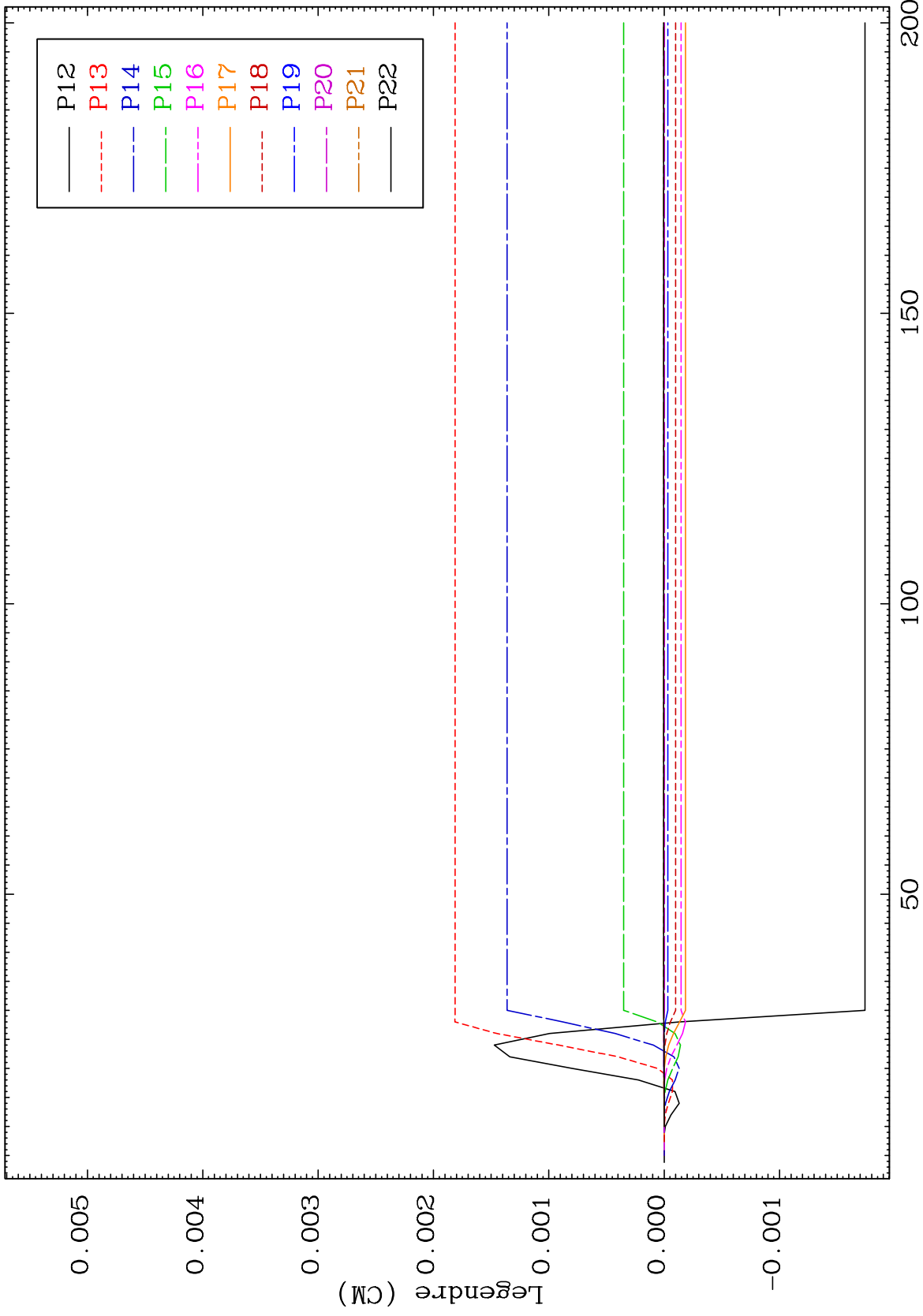
Incident Energy (MeV)

59

MAT 3707

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

37-Rb-79



60

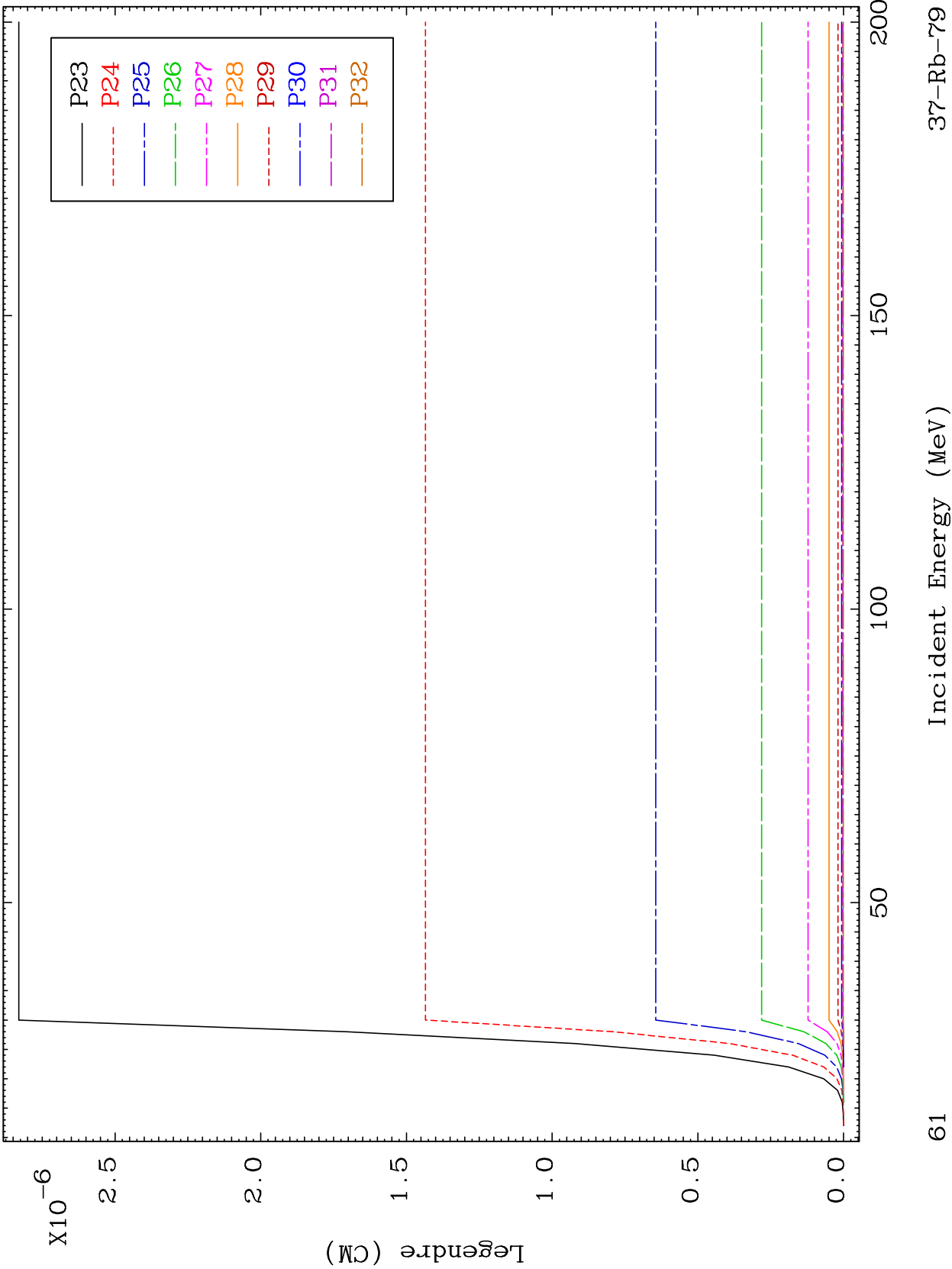
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



61

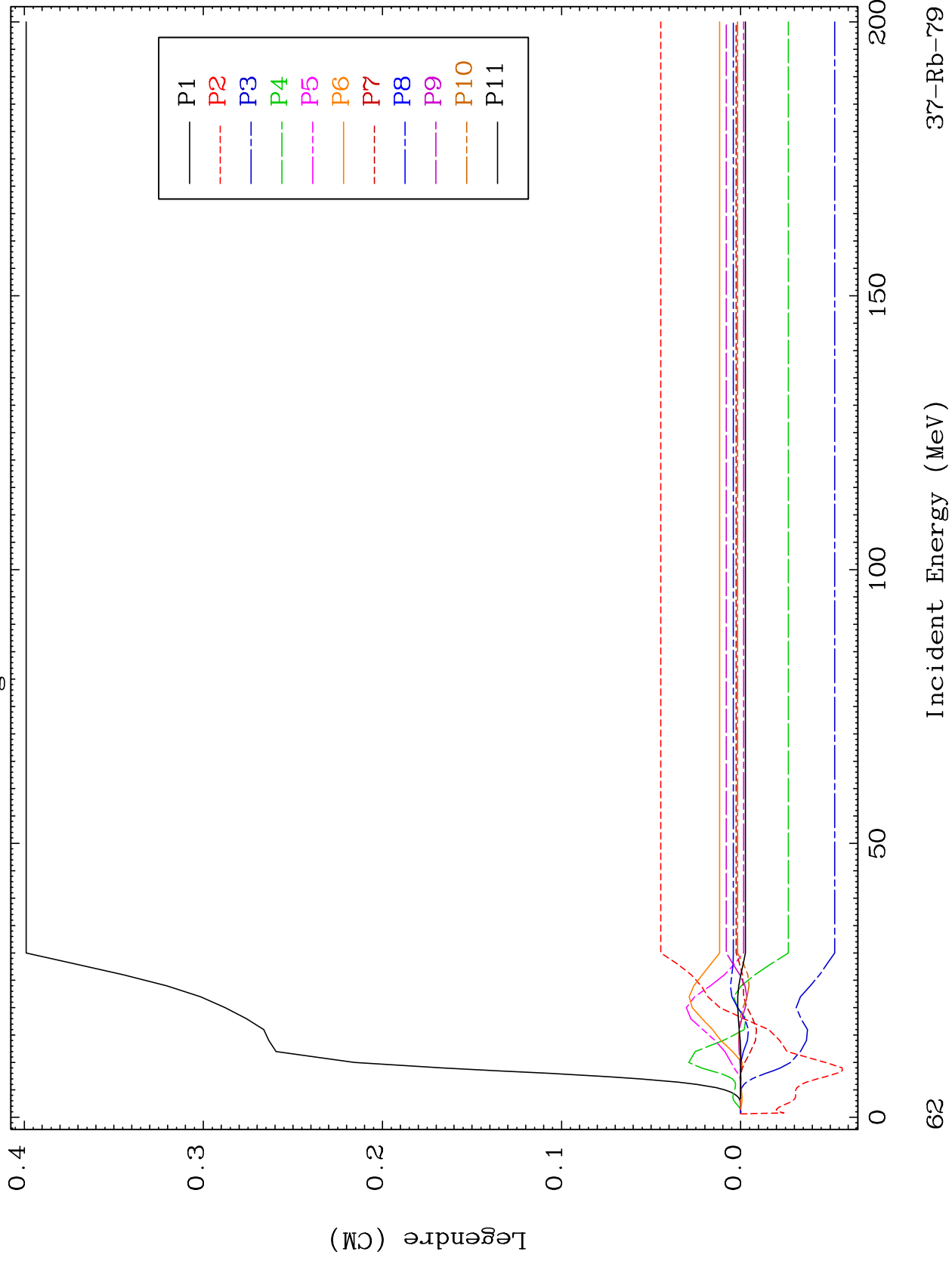
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

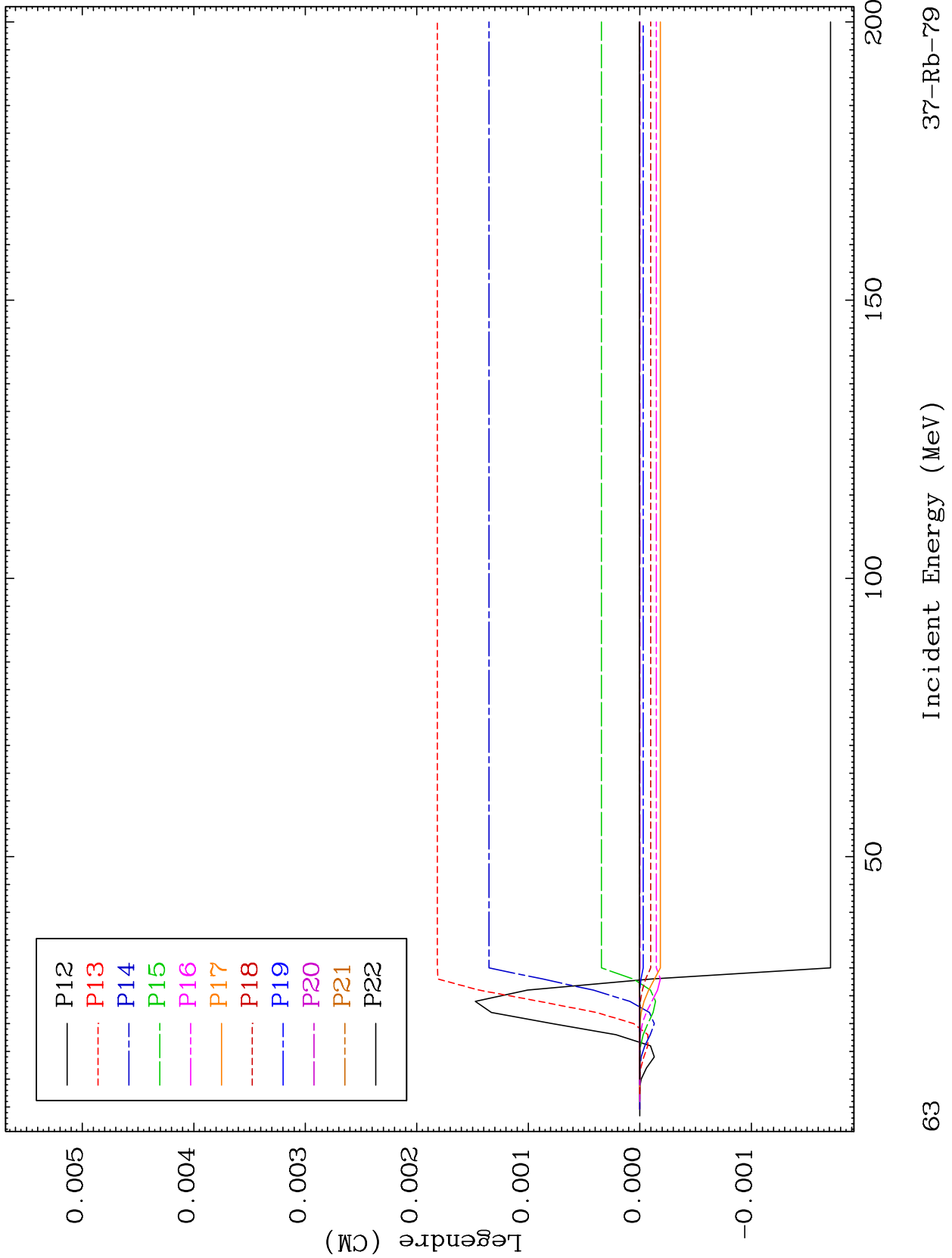
37-Rb-79



37-Rb-79

Incident Energy (MeV)

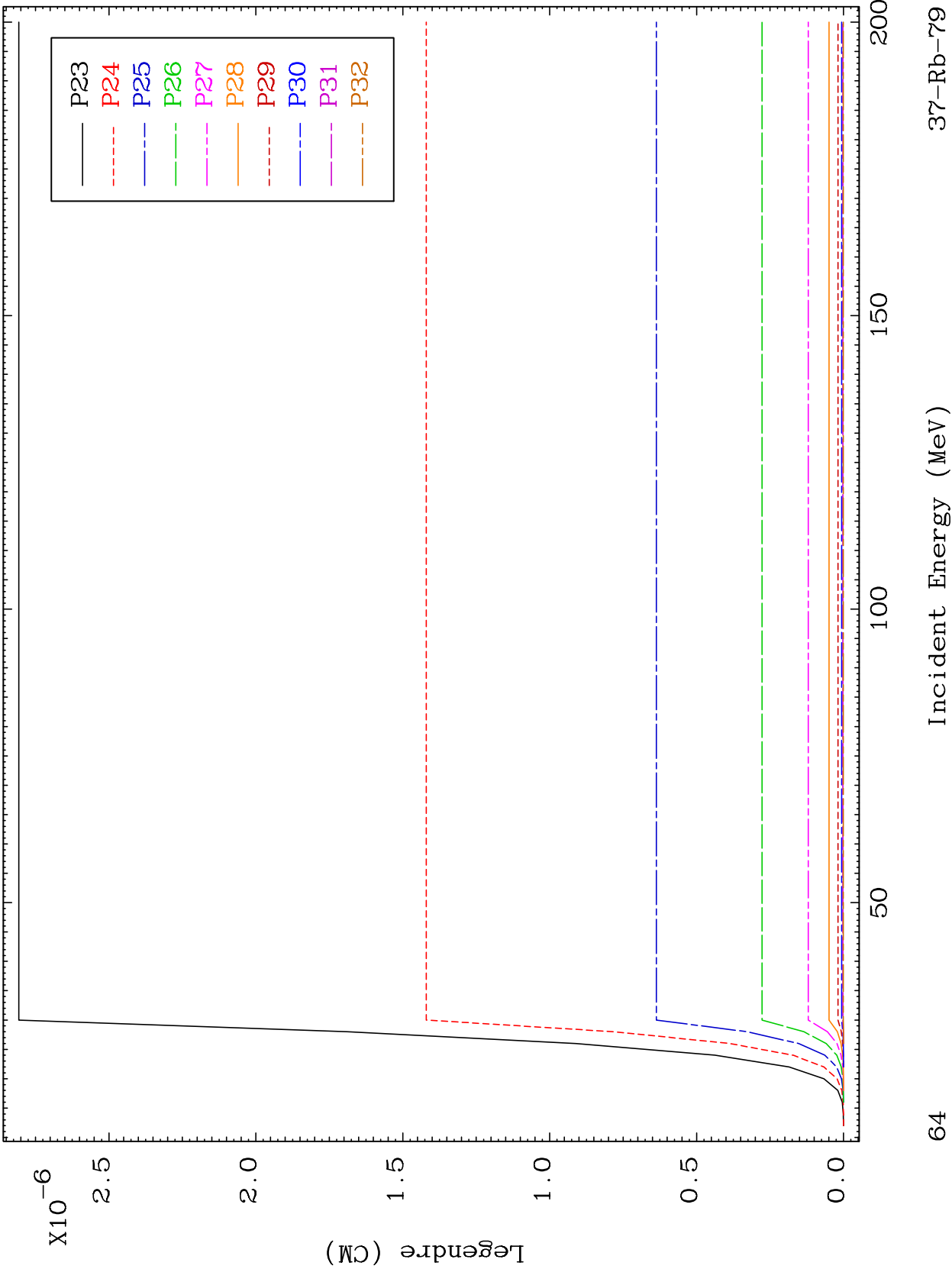
62



MAT 3707

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

37-Rb-79



64

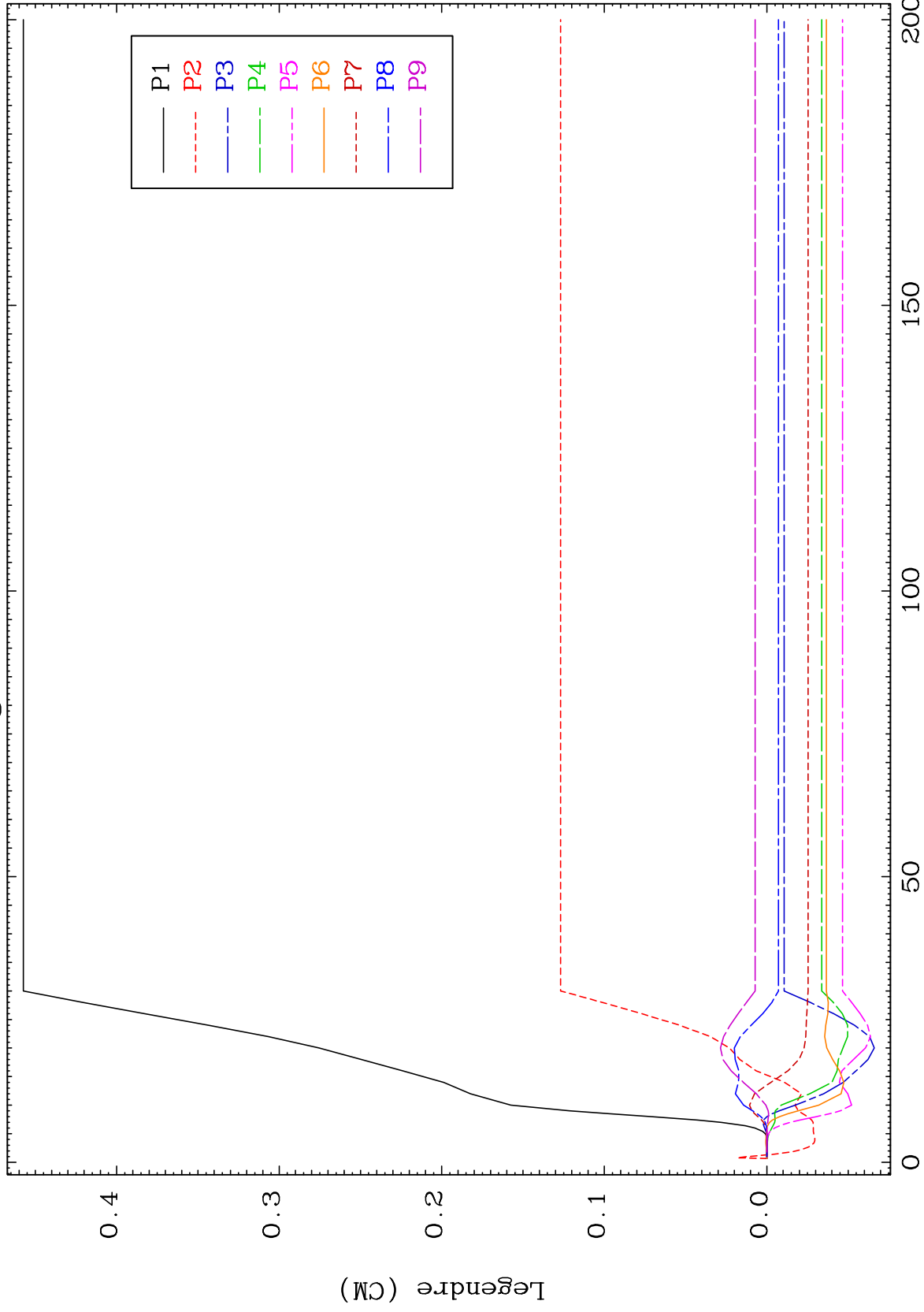
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



65

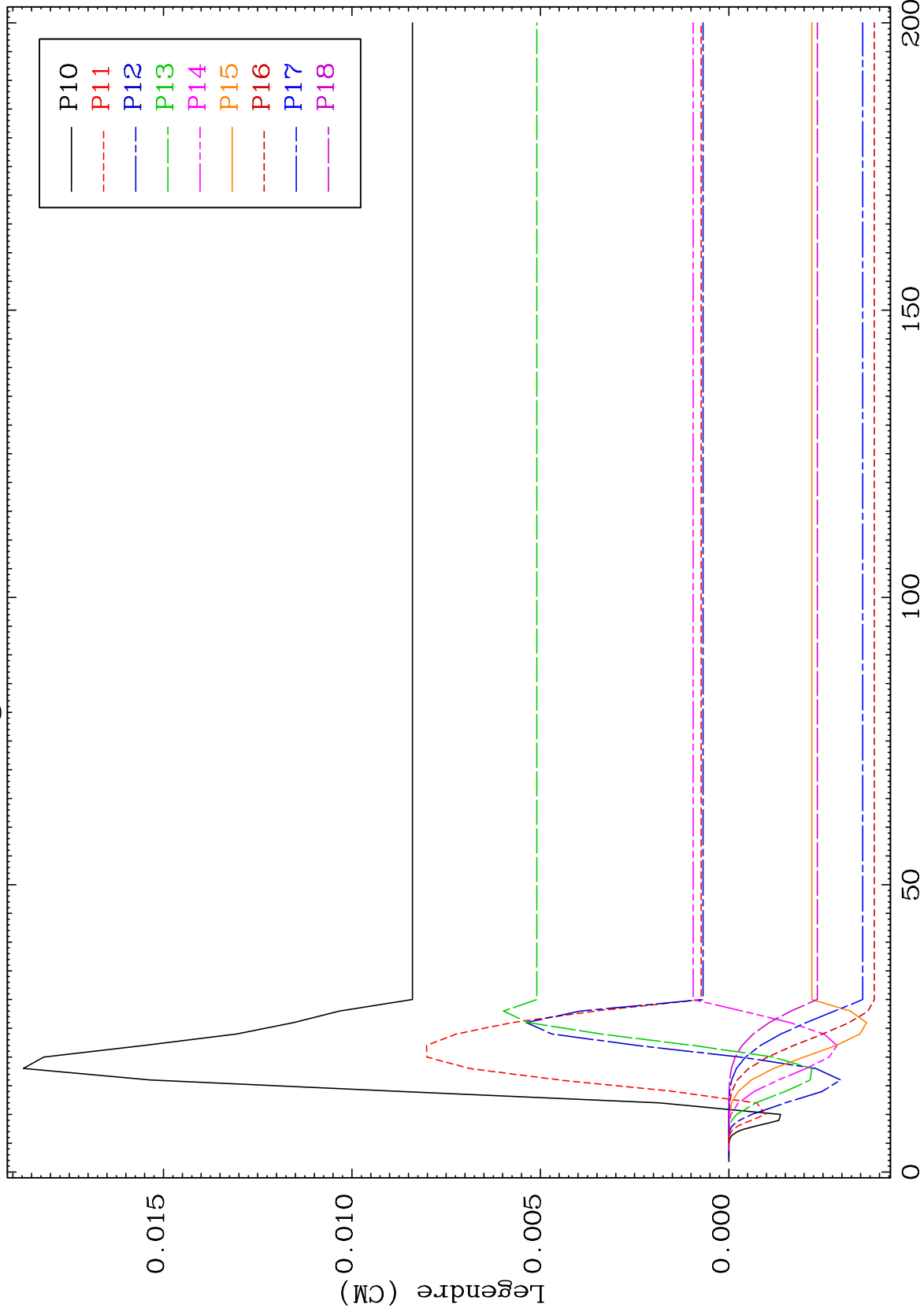
37-Rb-79

37-Rb-79

MAT 3707

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

37-Rb-79



66

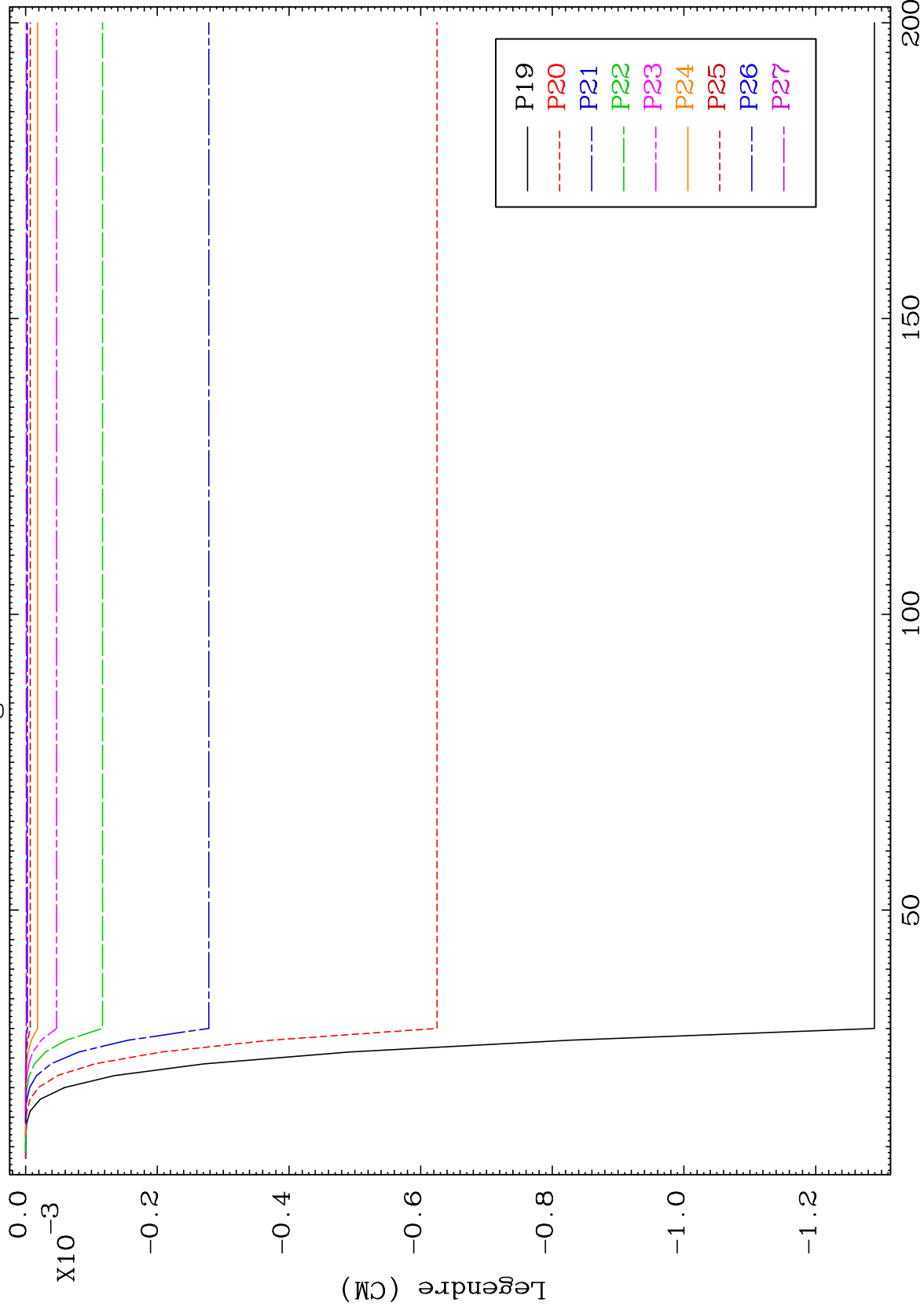
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



67

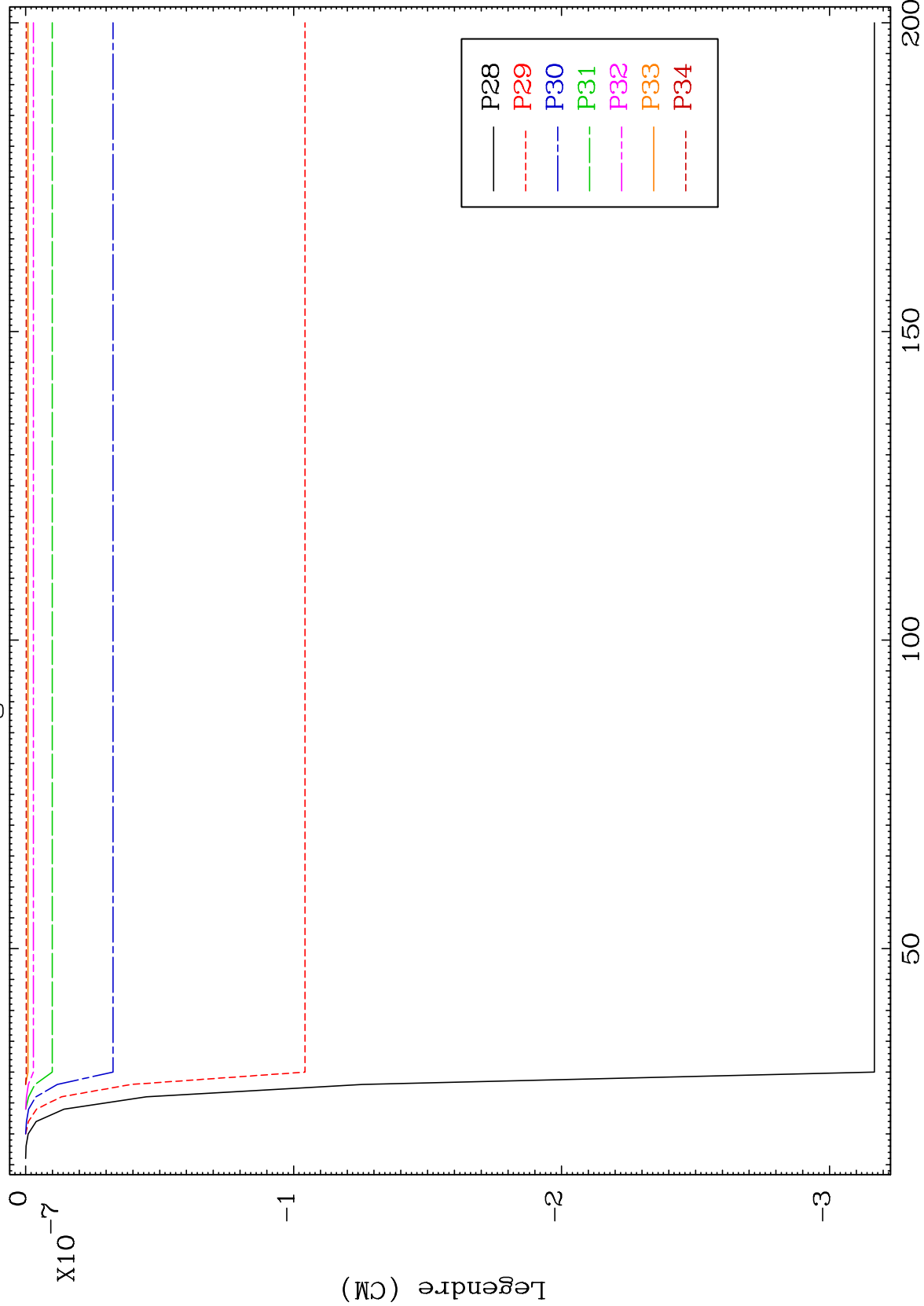
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



68

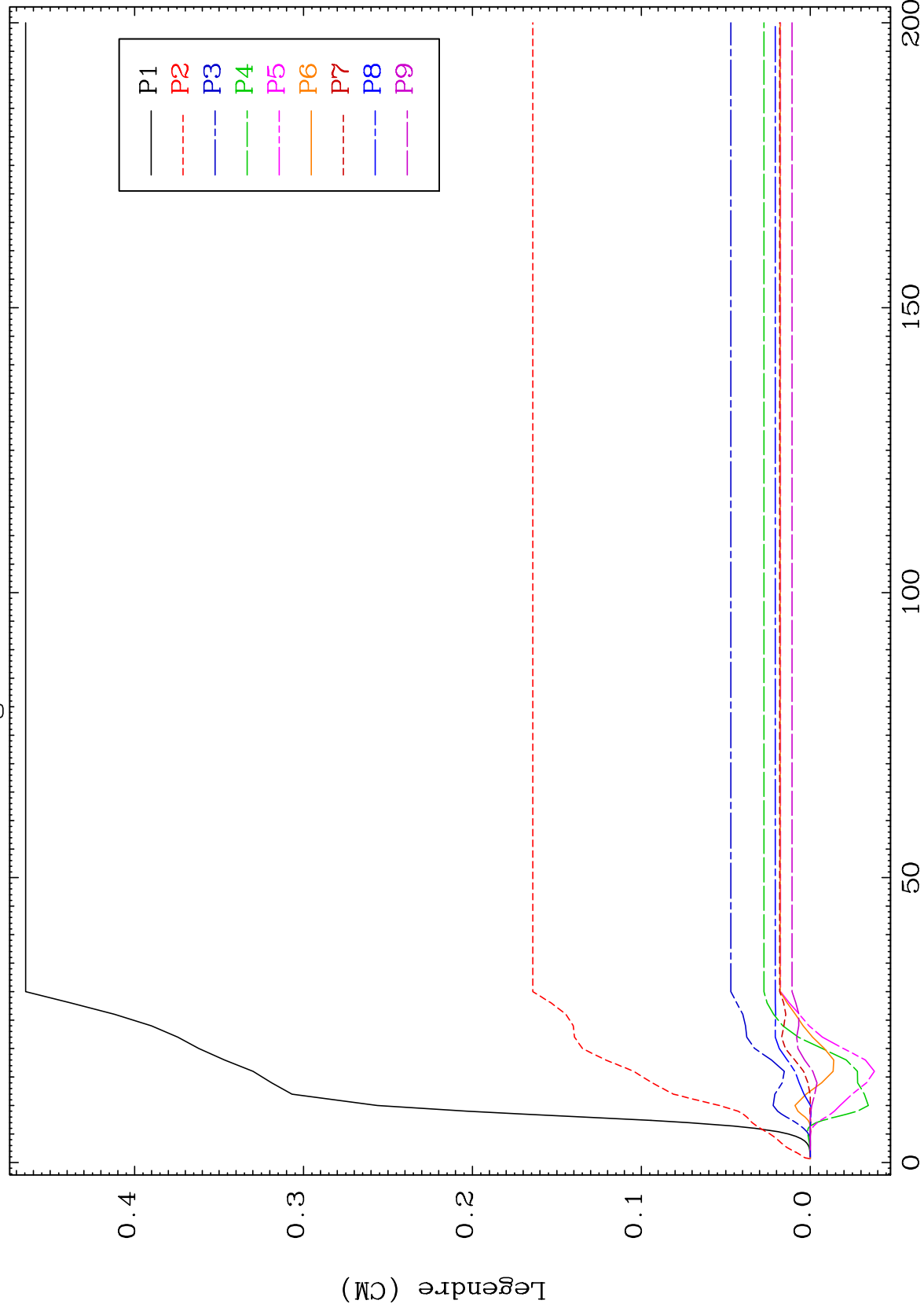
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



69

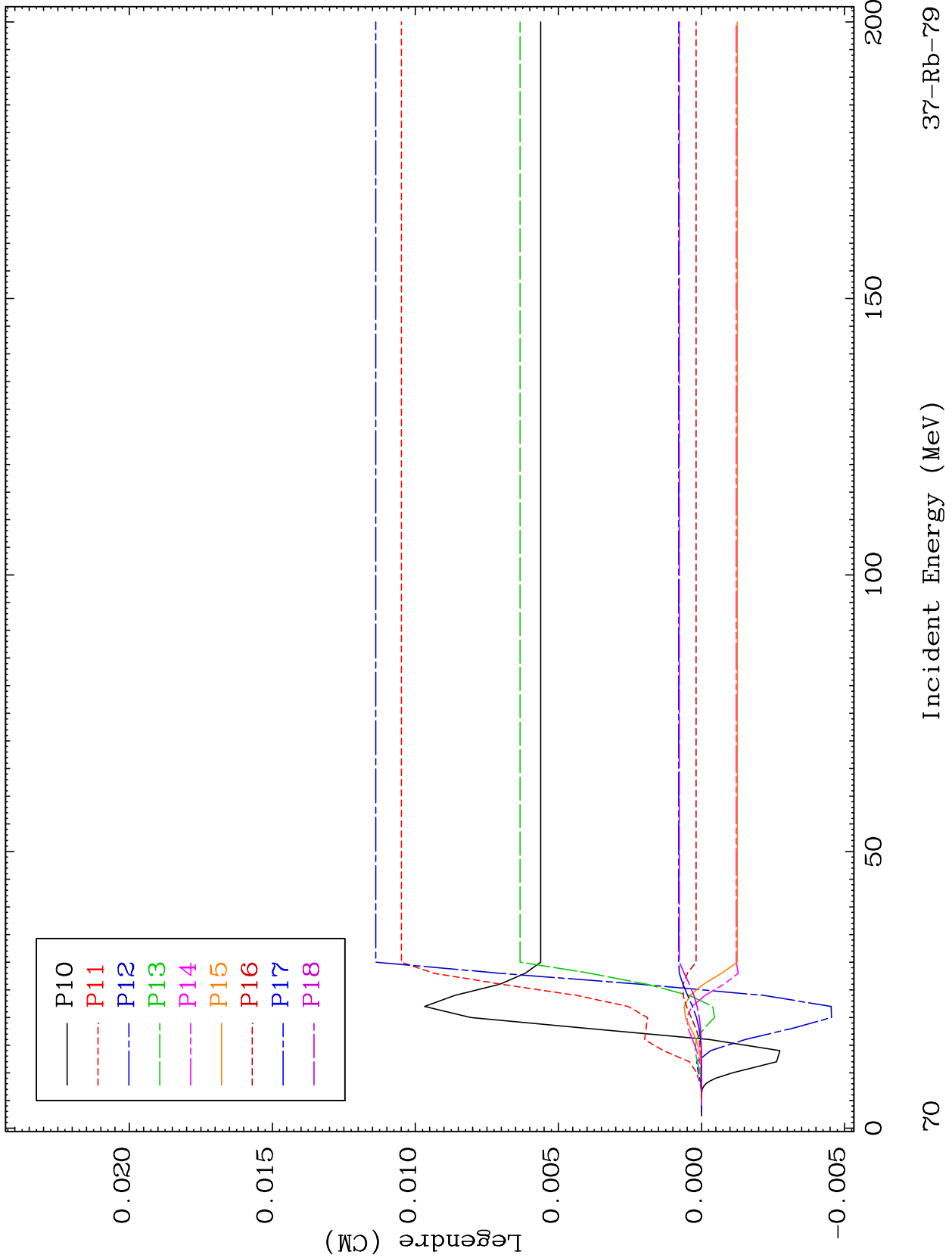
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



37-Rb-79

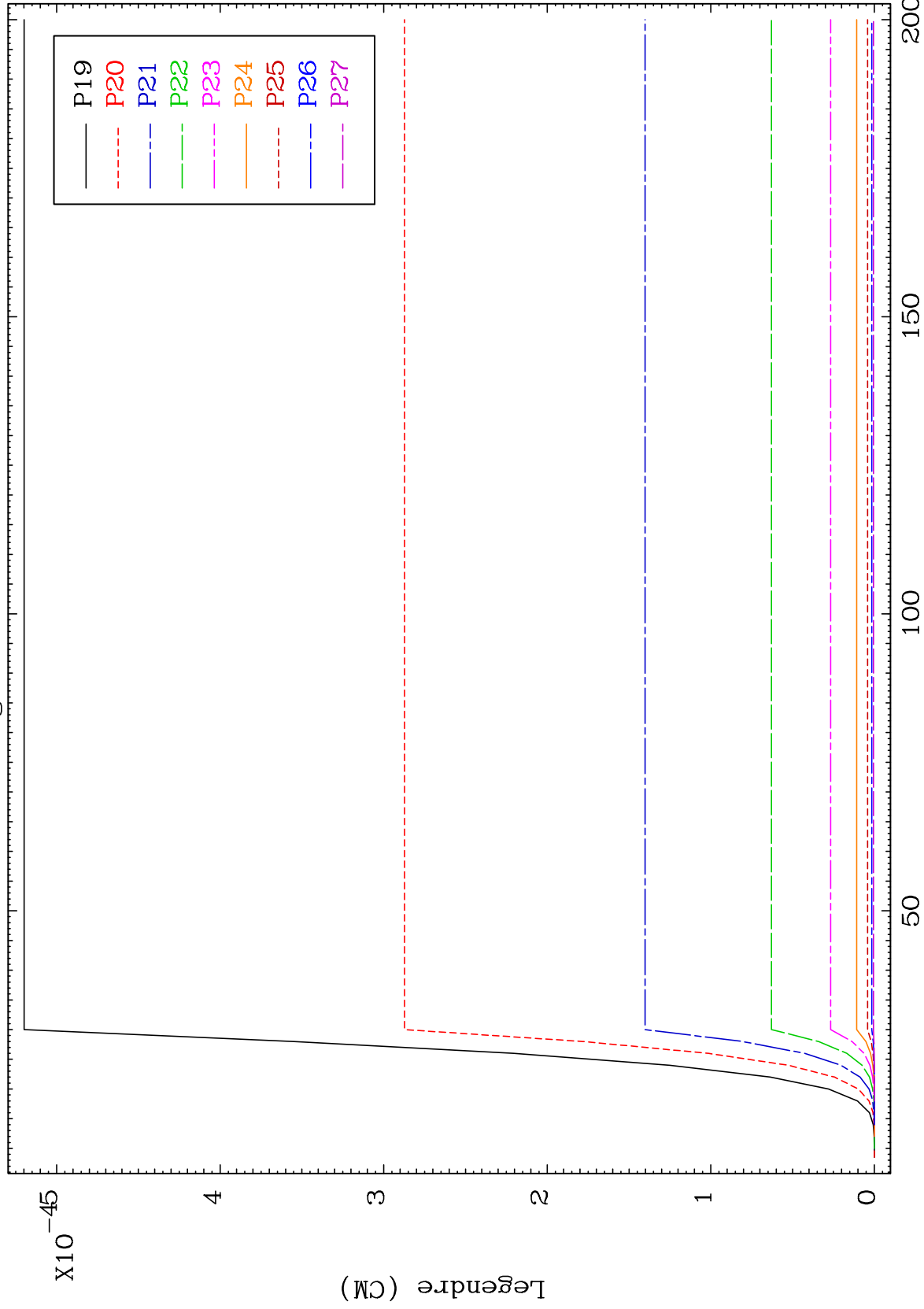
Incident Energy (MeV)

70

MAT 3707

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

37-Rb-79



71

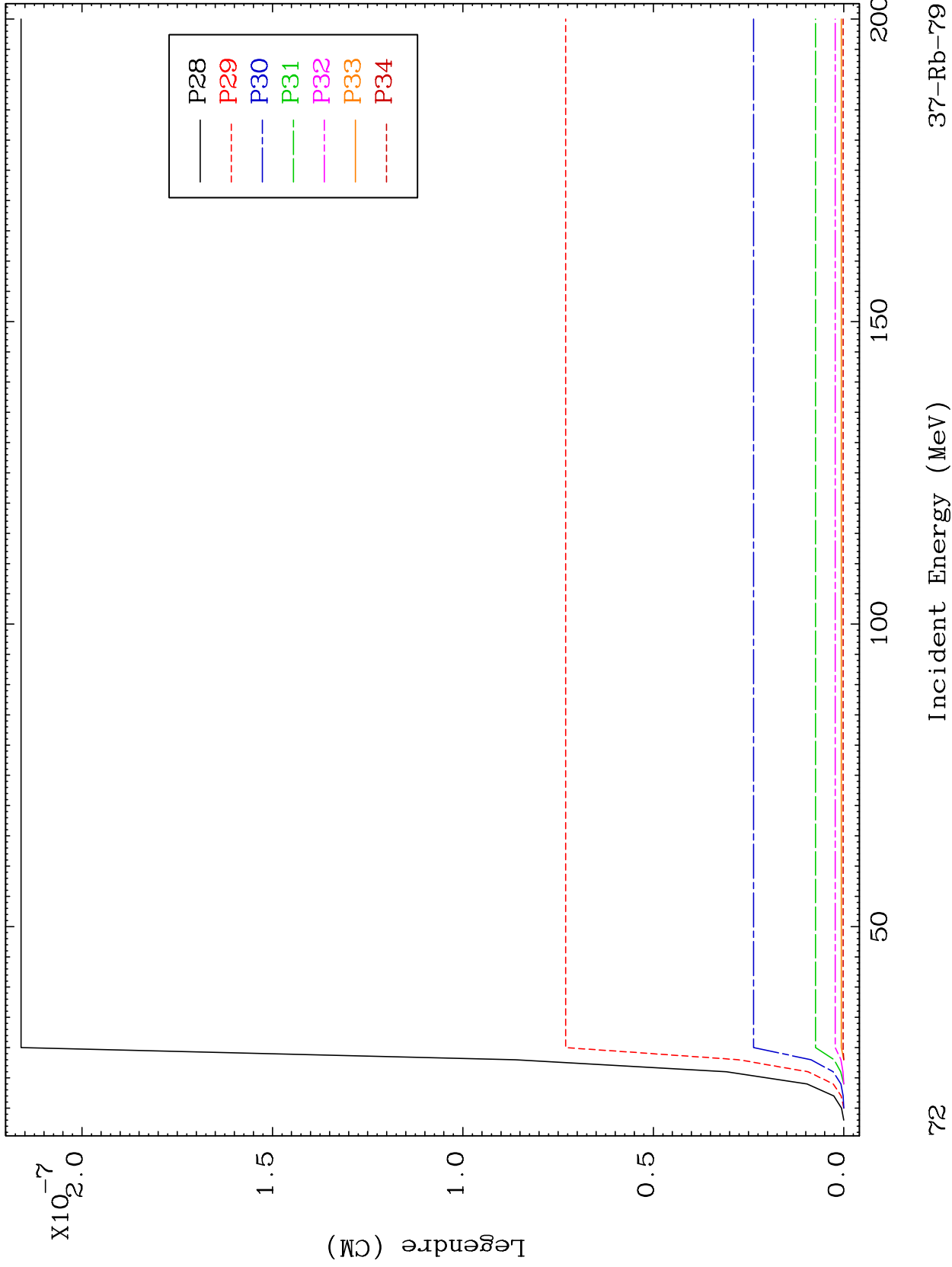
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



72

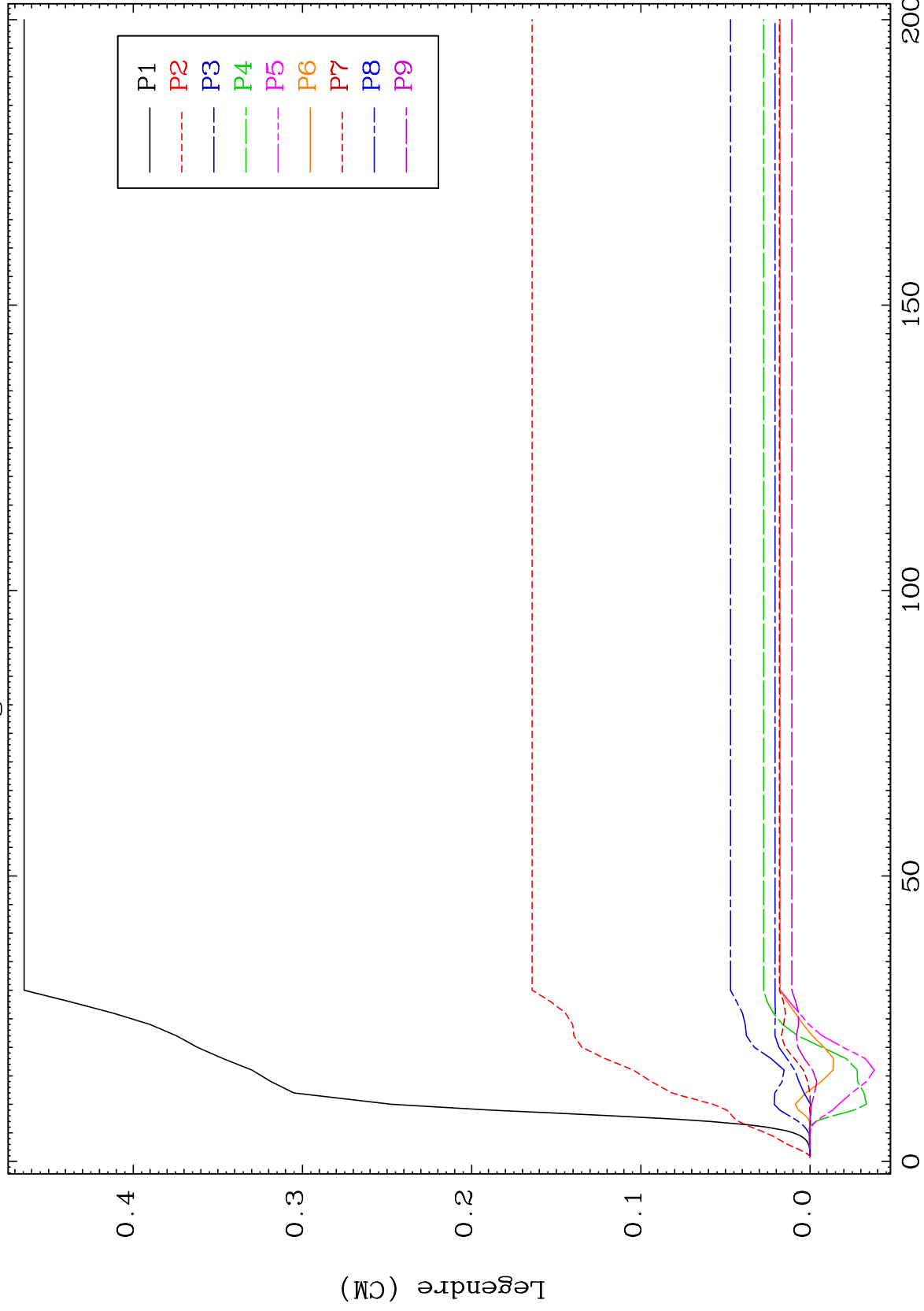
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

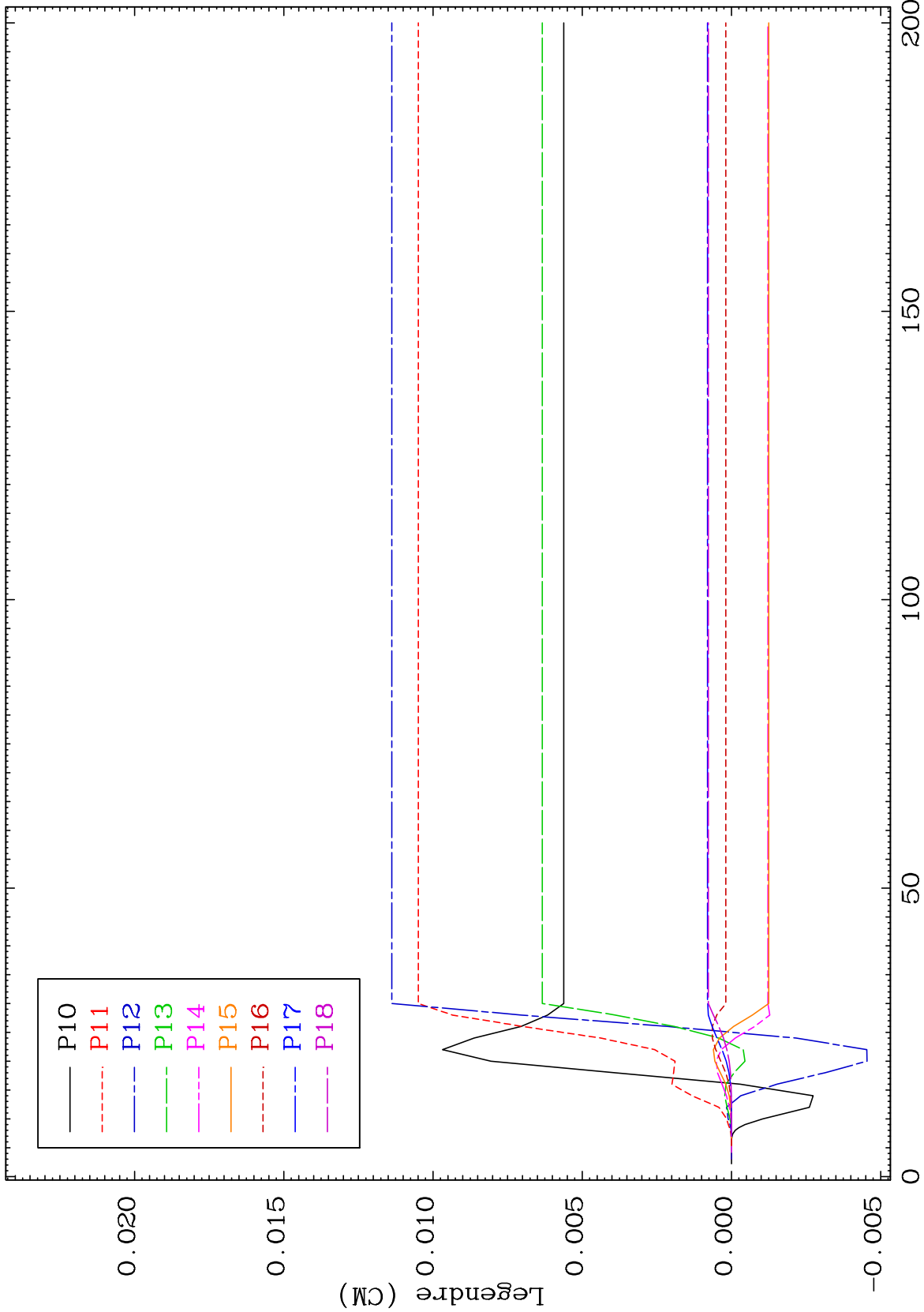
37-Rb-79



37-Rb-79

Incident Energy (MeV)

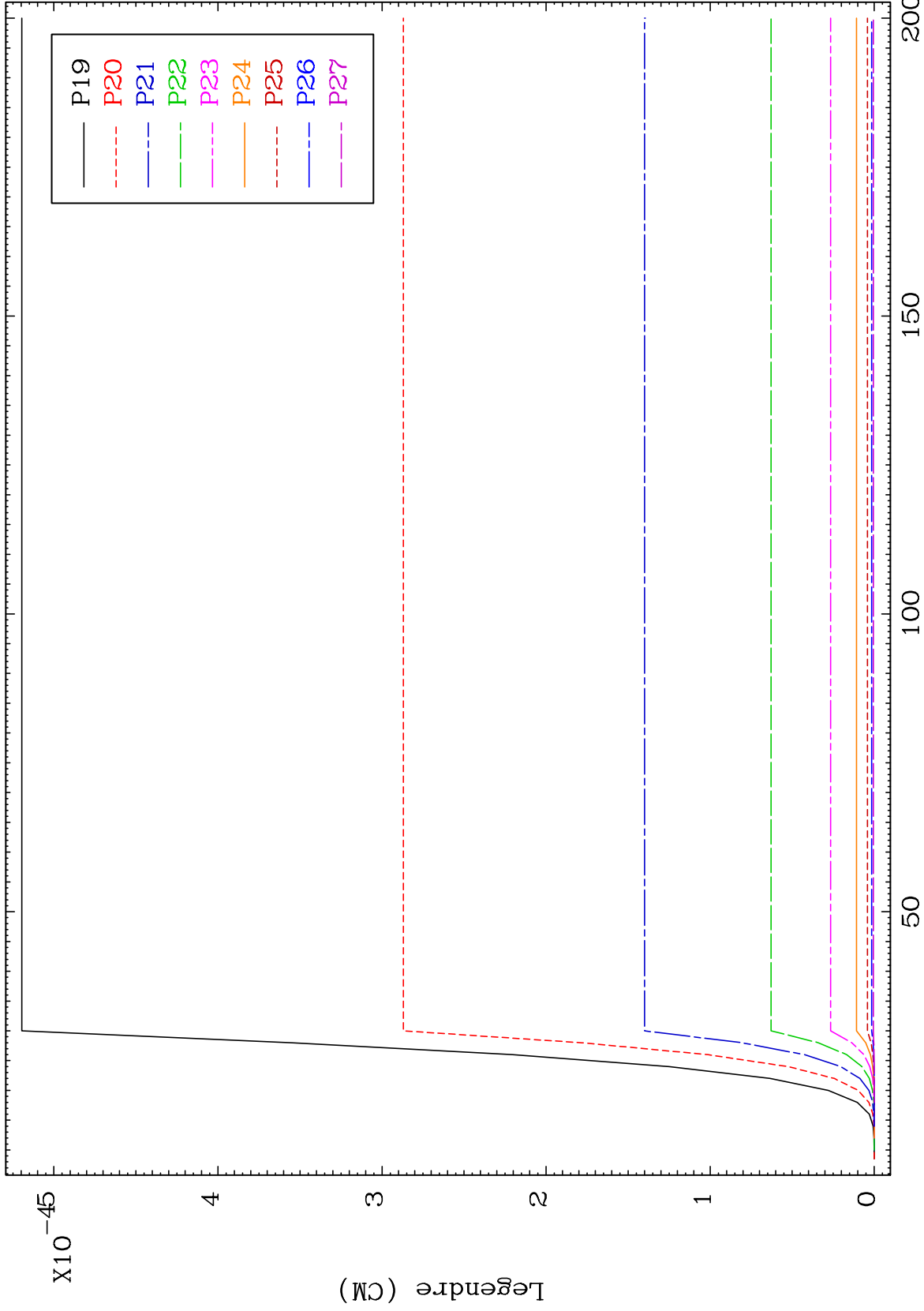
73



MAT 3707

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

37-Rb-79



75

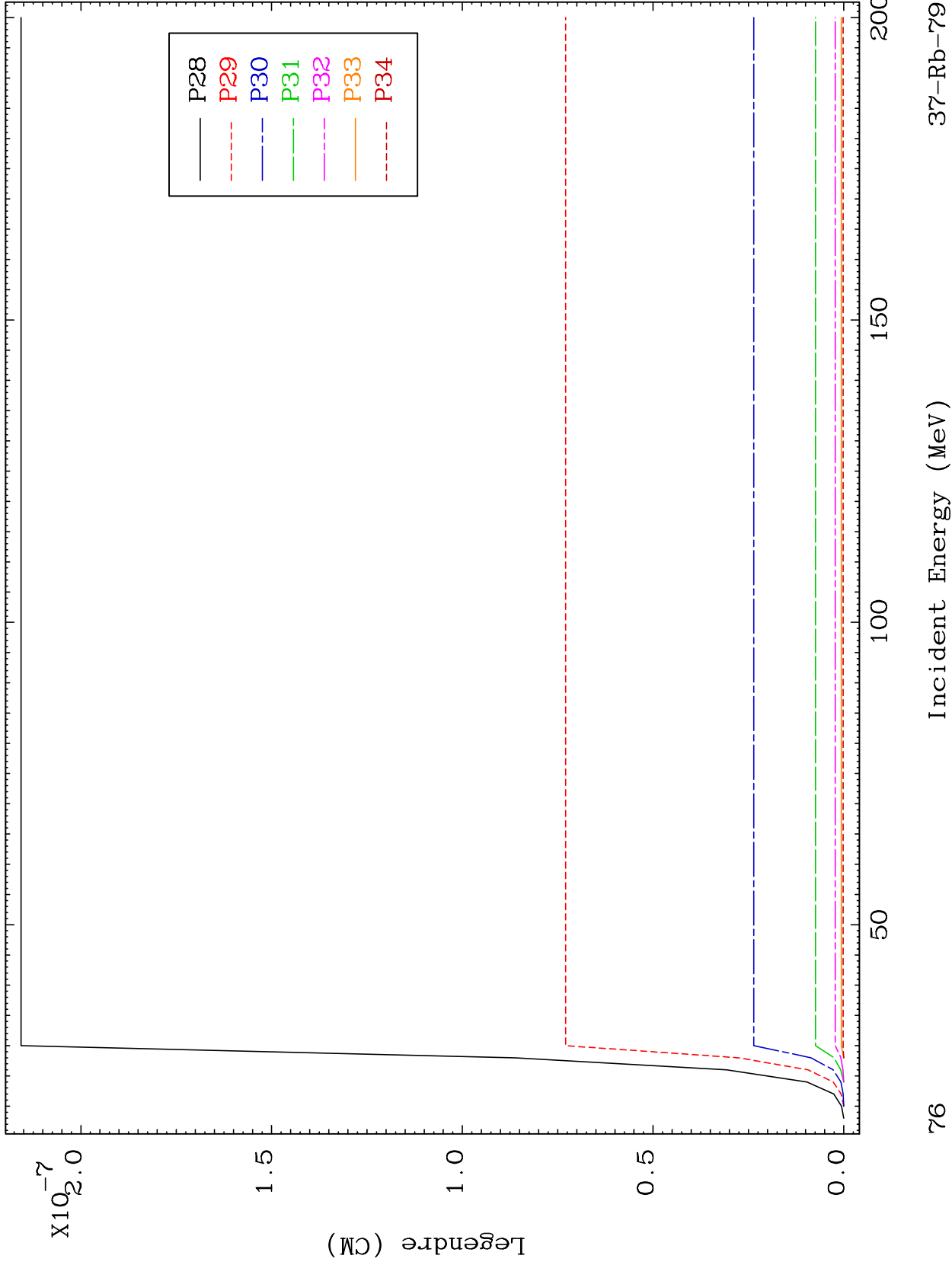
Incident Energy (MeV)

37-Rb-79

MAT 3707

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

37-Rb-79



76

Incident Energy (MeV)

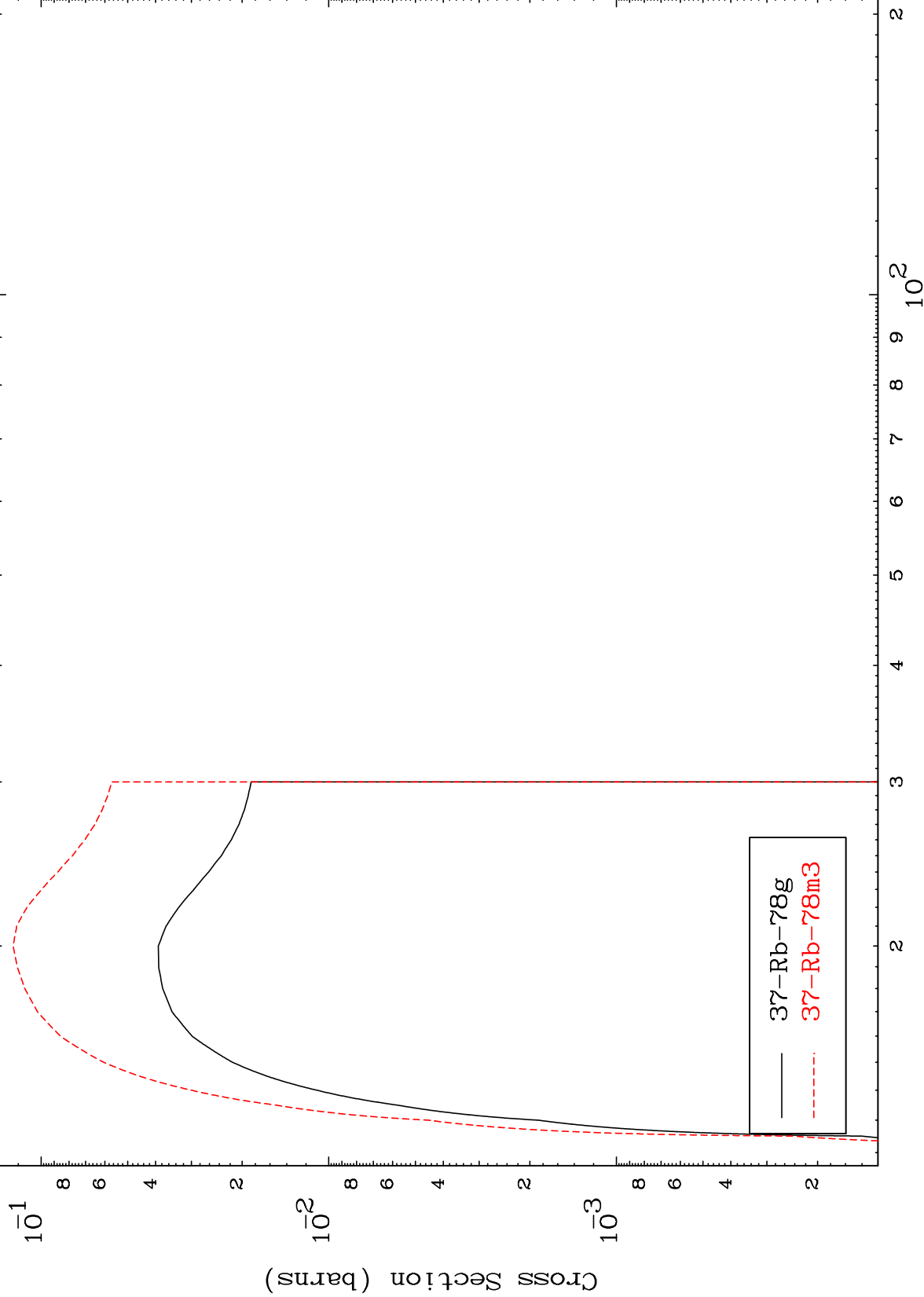
37-Rb-79

MAT 3707

(n,2n)

37-Rb-79

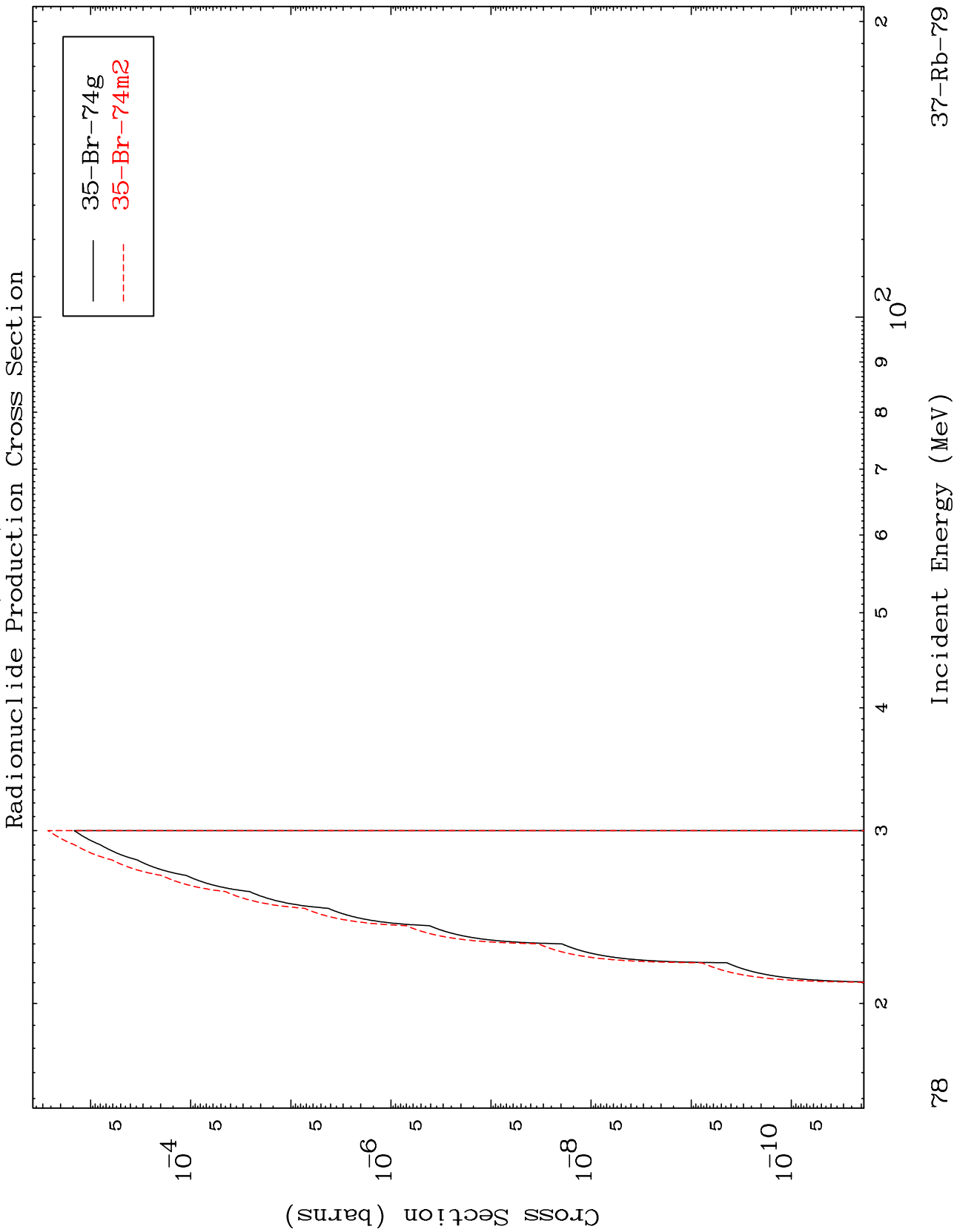
Radionuclide Production Cross Section



77

Incident Energy (MeV)

37-Rb-79

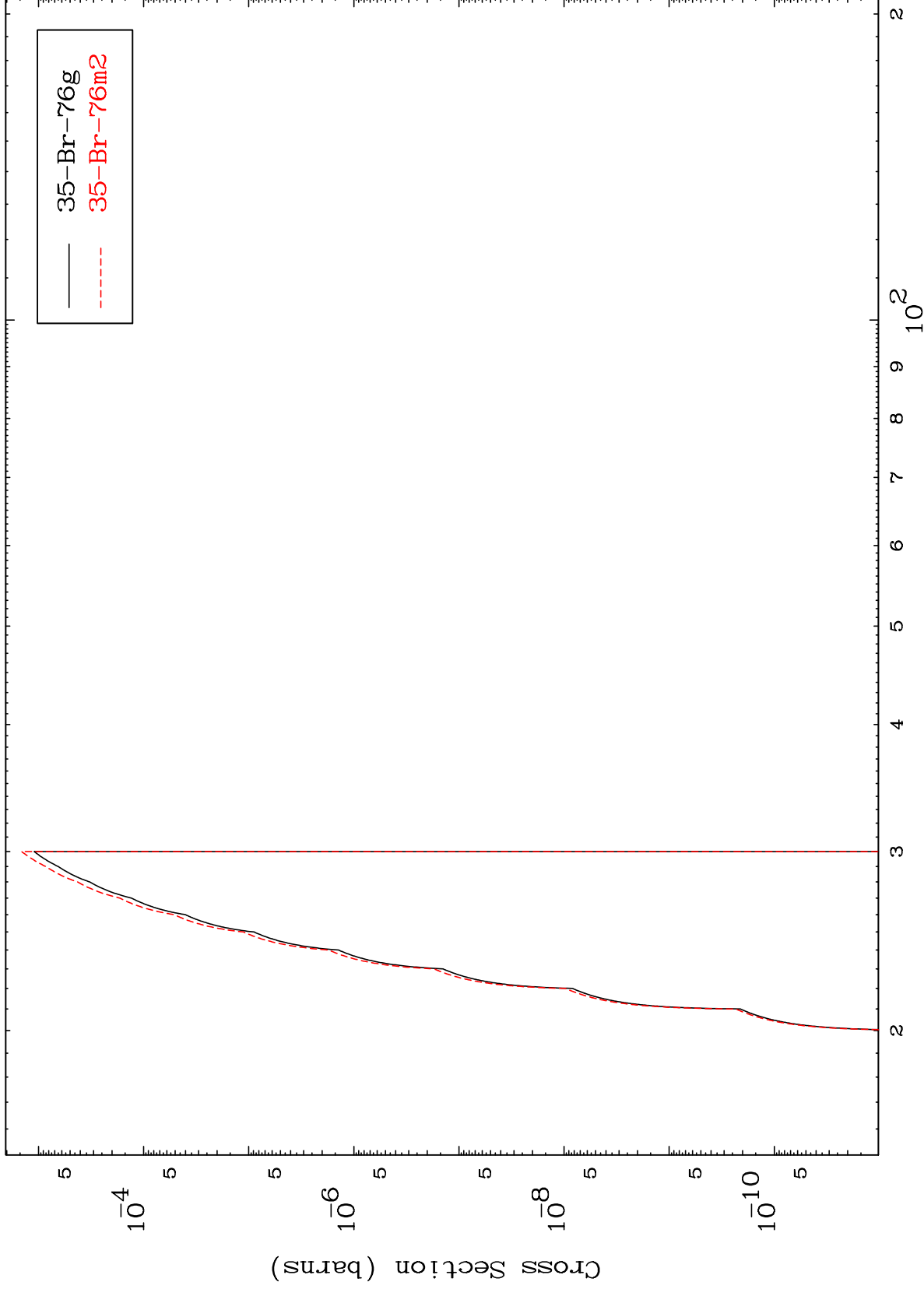


MAT 3707

(n,n') He-3

37-Rb-79

Radionuclide Production Cross Section



79

Incident Energy (MeV)

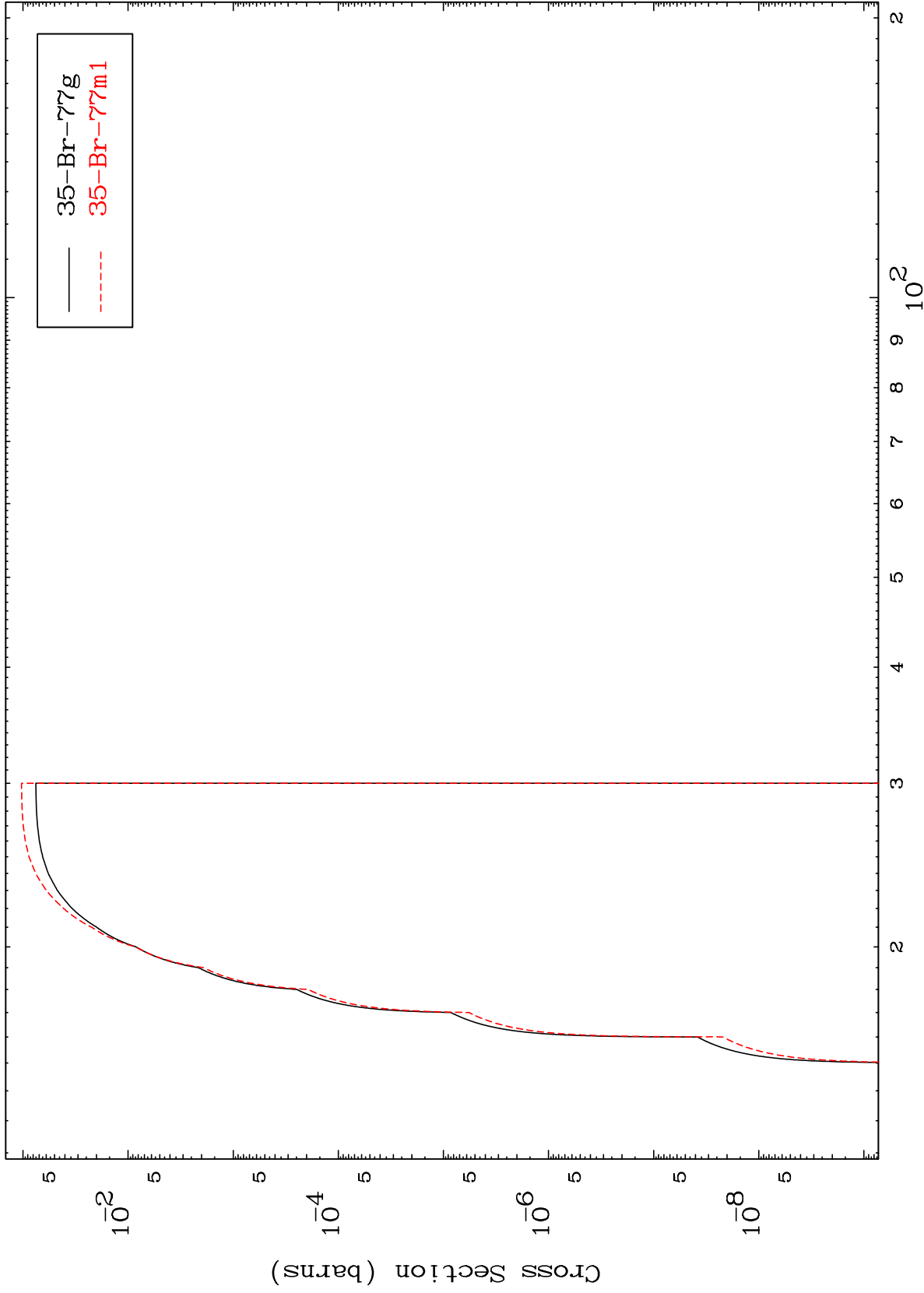
37-Rb-79

MAT 3707

(n,2n) p

37-Rb-79

Radionuclide Production Cross Section



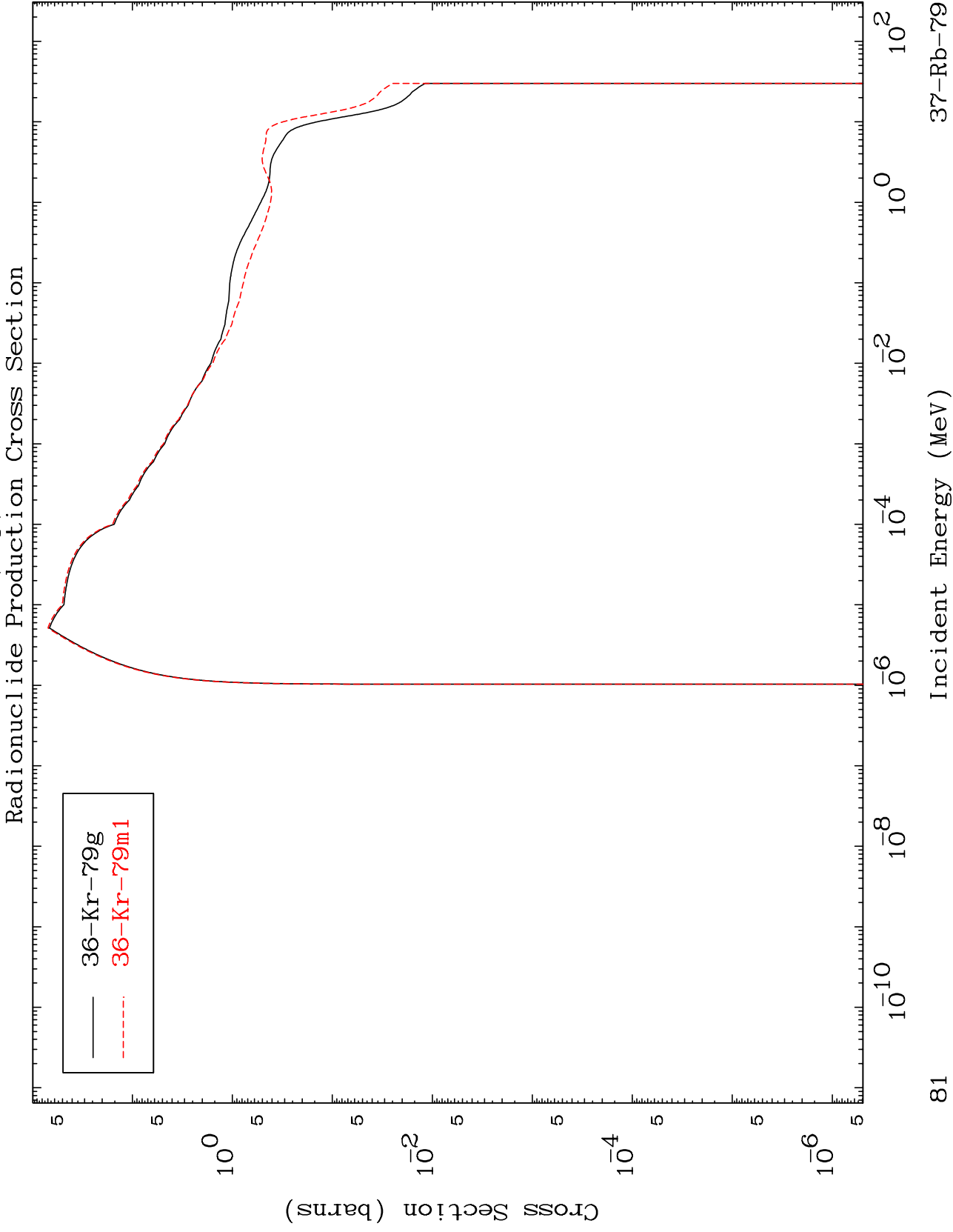
80

Incident Energy (MeV)

37-Rb-79

MAT 3707

37-Rb-79

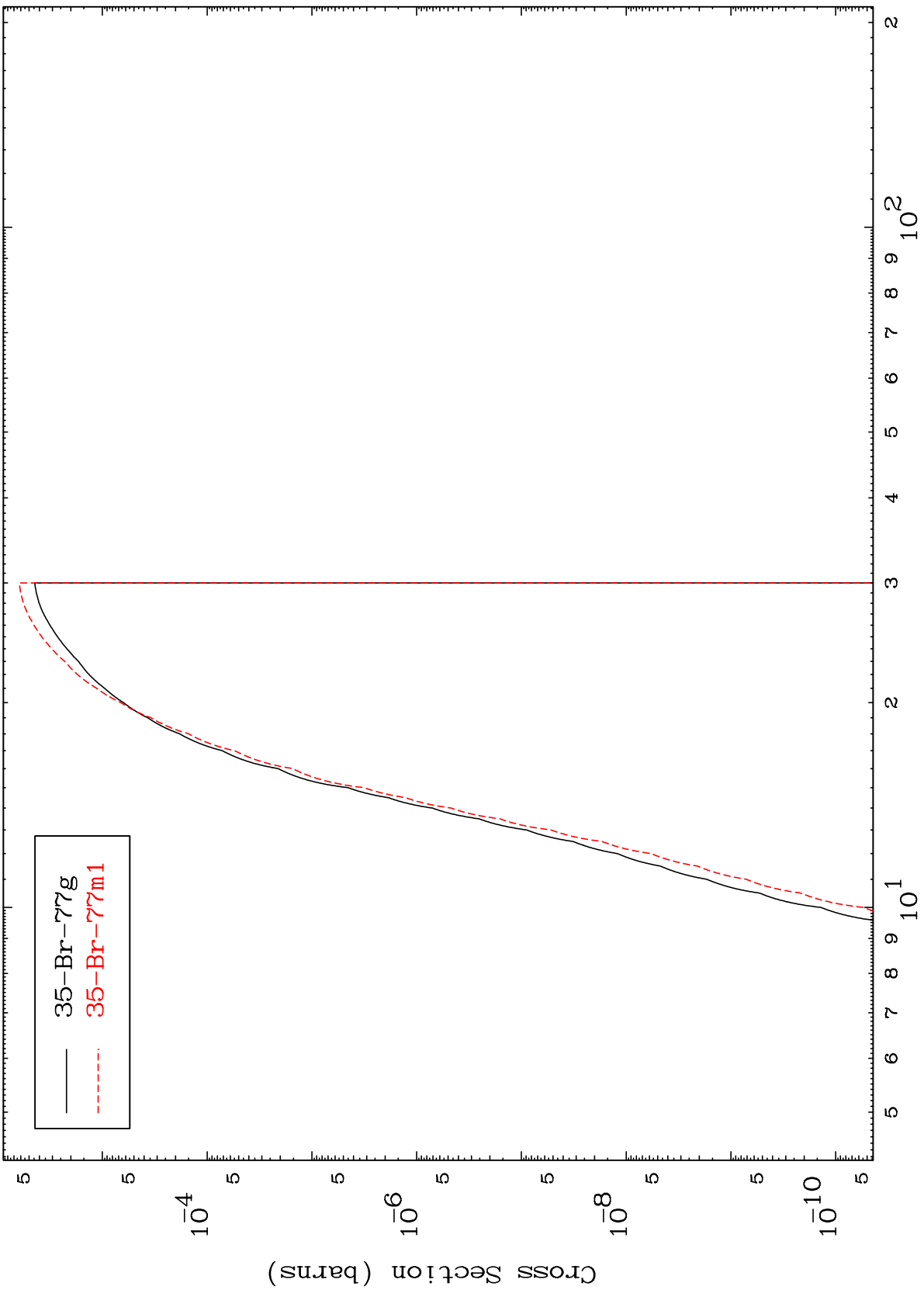


— 36-Kr-79g
- - - 36-Kr-79m1

MAT 3707

37-Rb-79

Radionuclide Production Cross Section
(n,He-3)



82

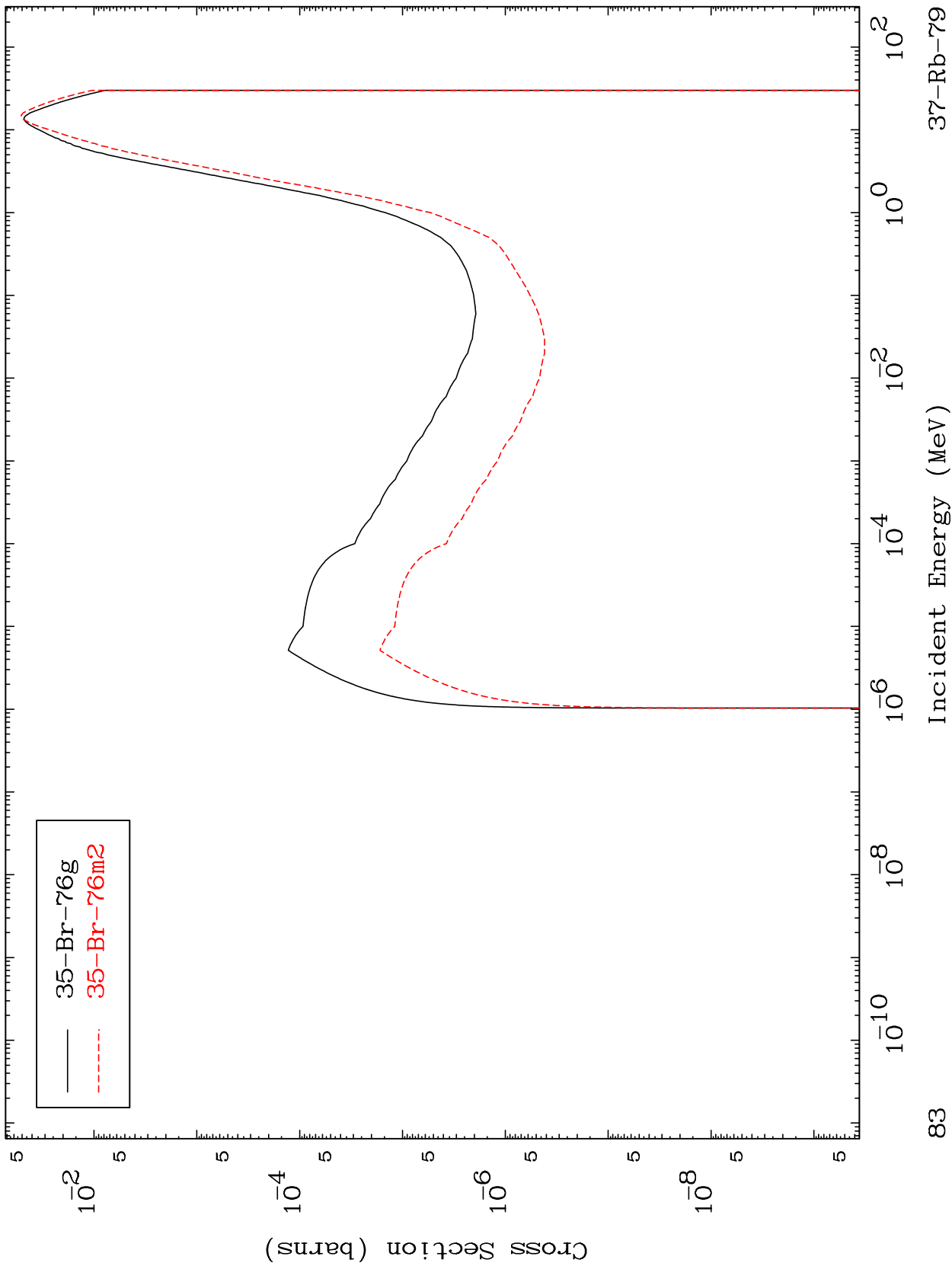
37-Rb-79

Incident Energy (MeV)

MAT 3707

$^{37}\text{Rb-79}$

Radionuclide Production Cross Section

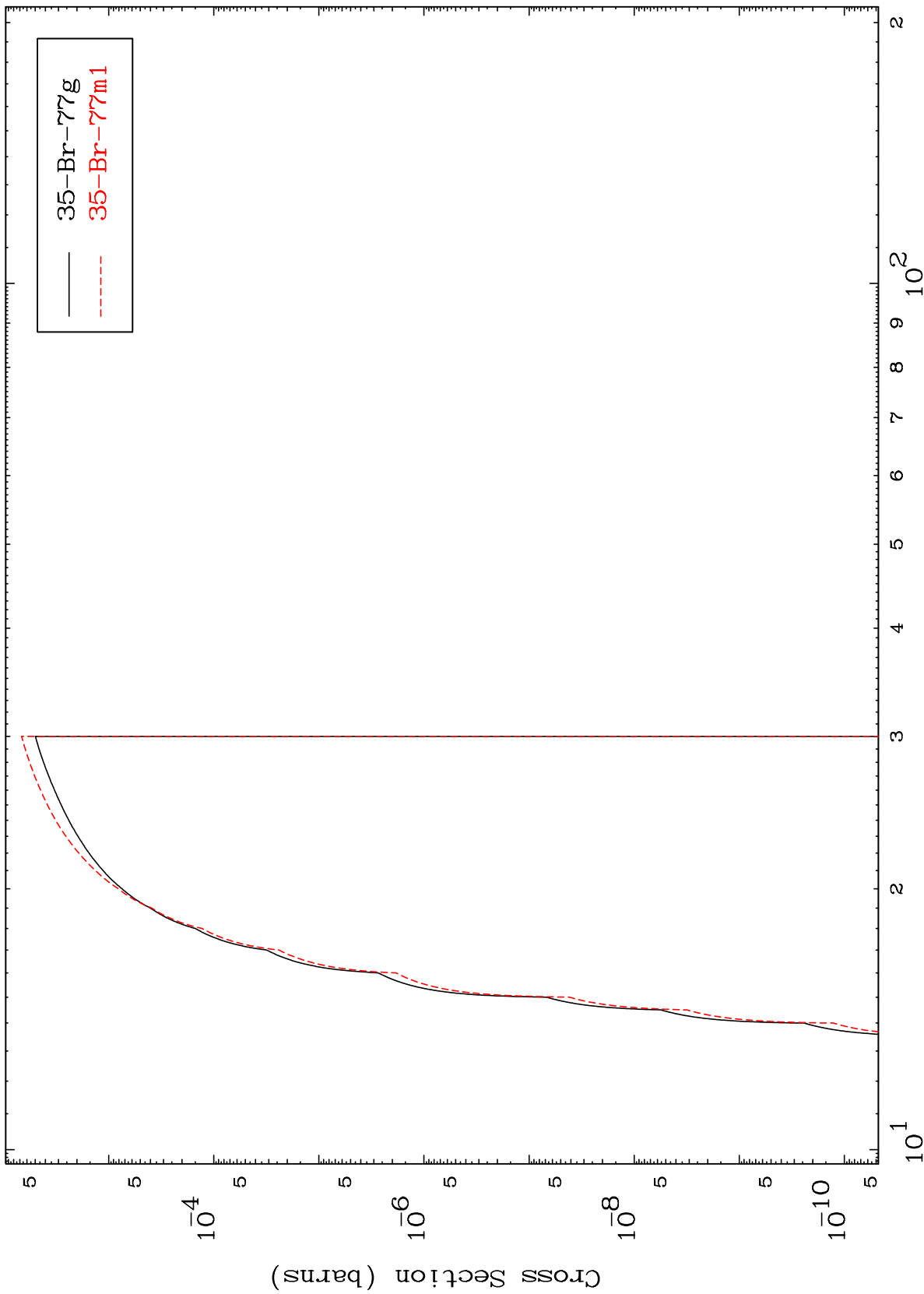


MAT 3707

(n,p) d

37-Rb-79

Radionuclide Production Cross Section



84

Incident Energy (MeV)

37-Rb-79

Radionuclide Production Cross Section

