

Program EVALPLOT
(Version 2021-1)

by

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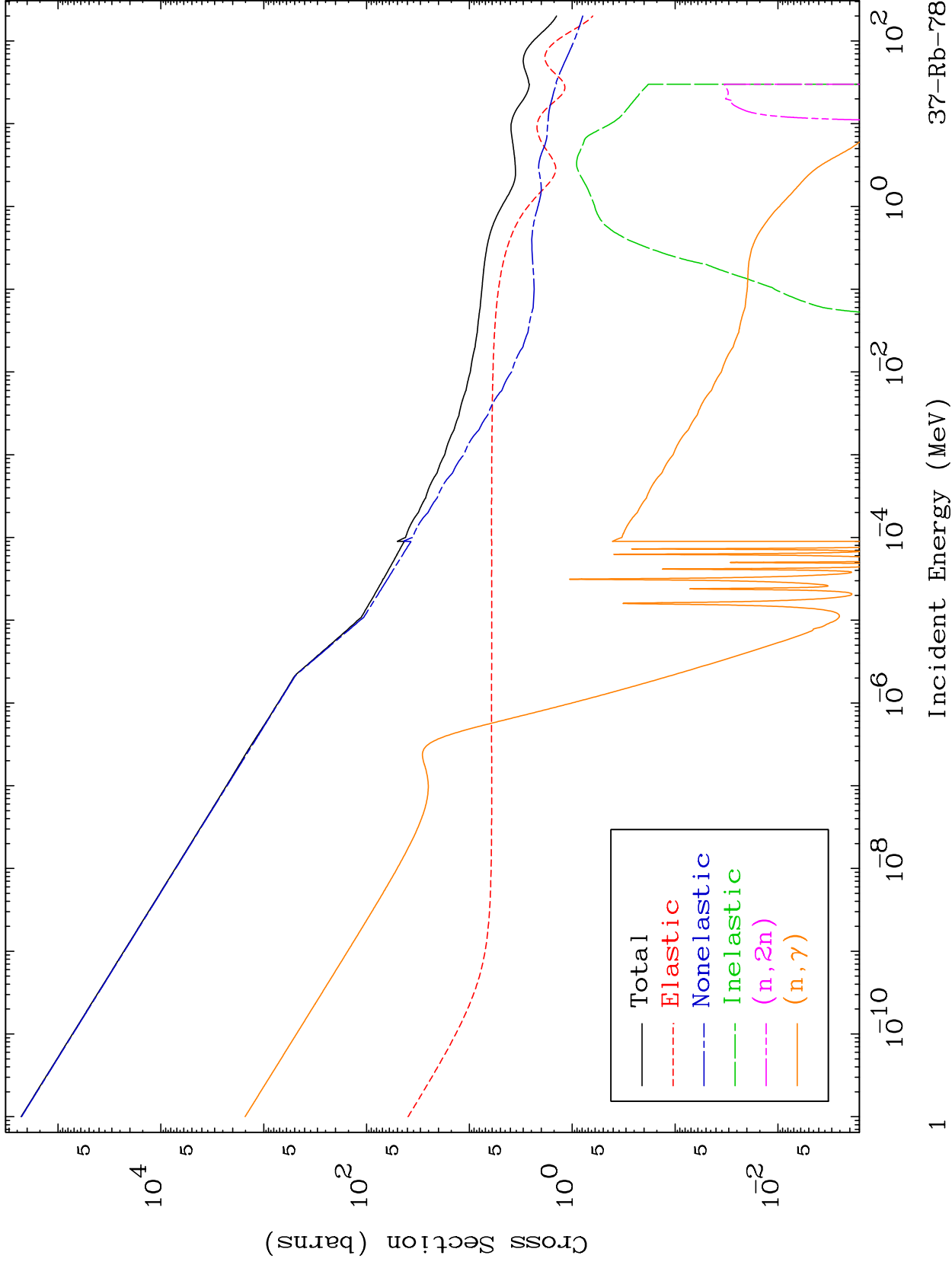
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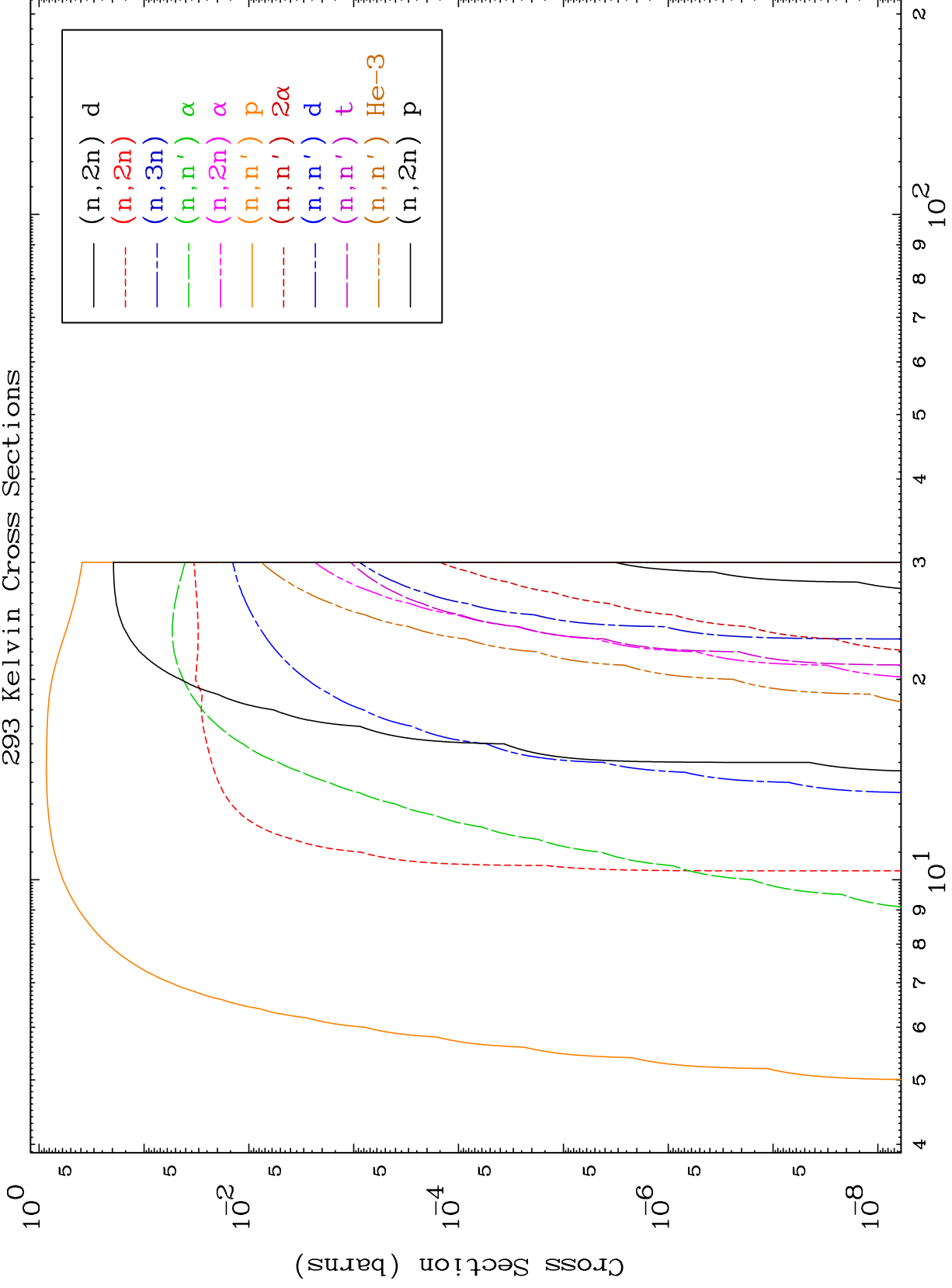
Press Mouse Button to Start

MAT 3704

Neutron Major
293 Kelvin Cross Sections

37-Rb-78

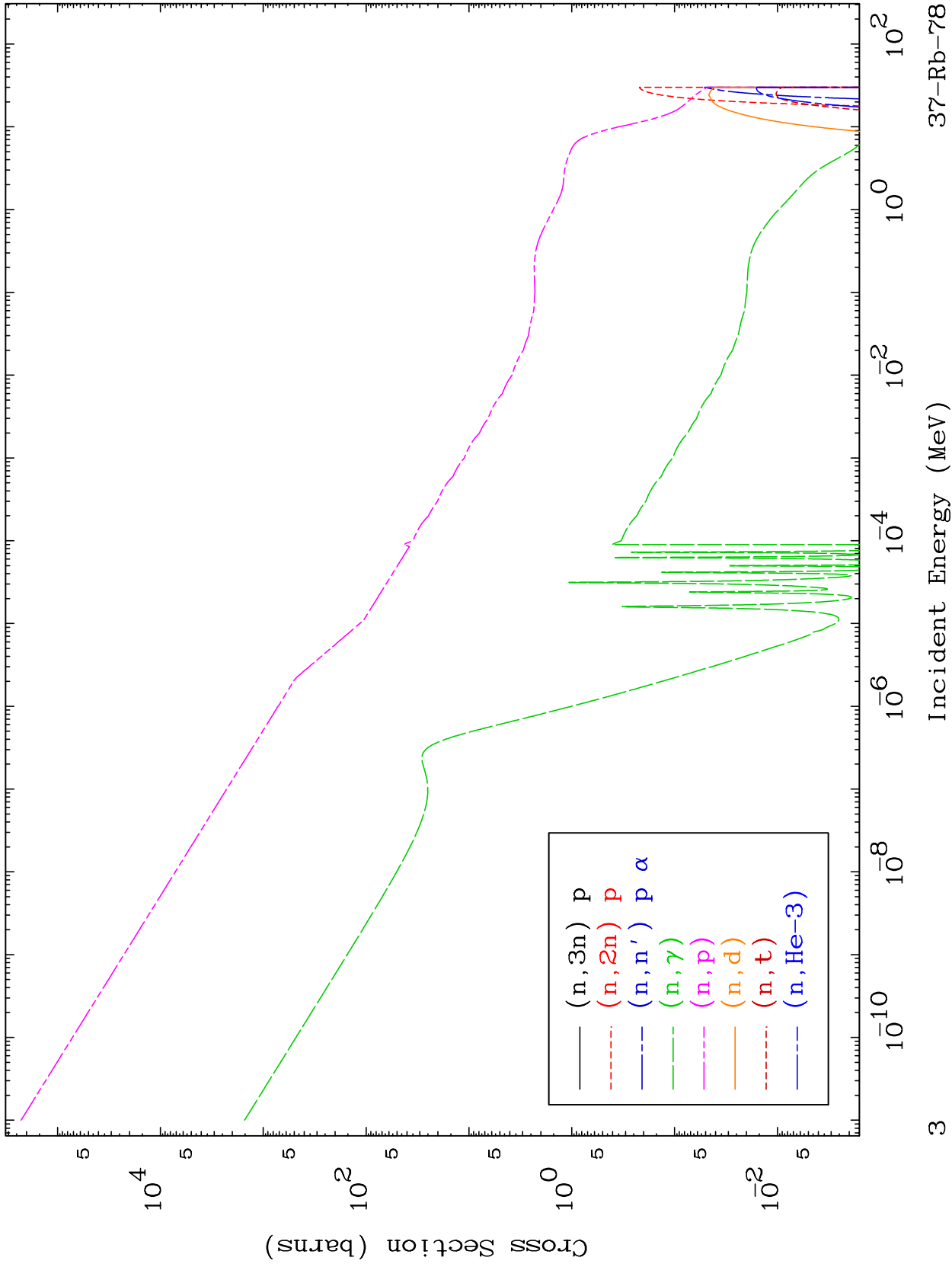




MAT 3704

Neutron Absorption
293 Kelvin Cross Sections

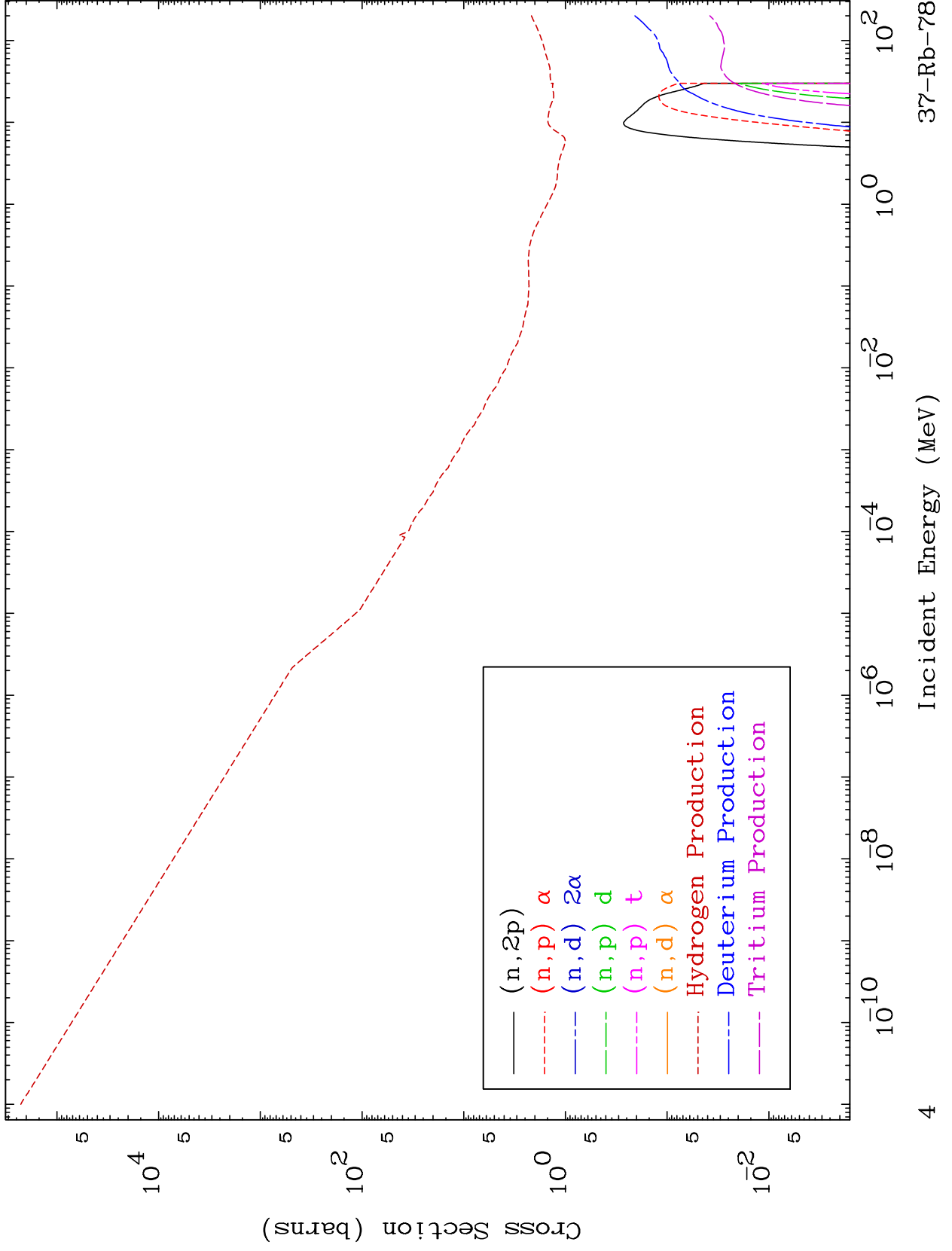
37-Rb-78



MAT 3704

Neutron Absorption
293 Kelvin Cross Sections

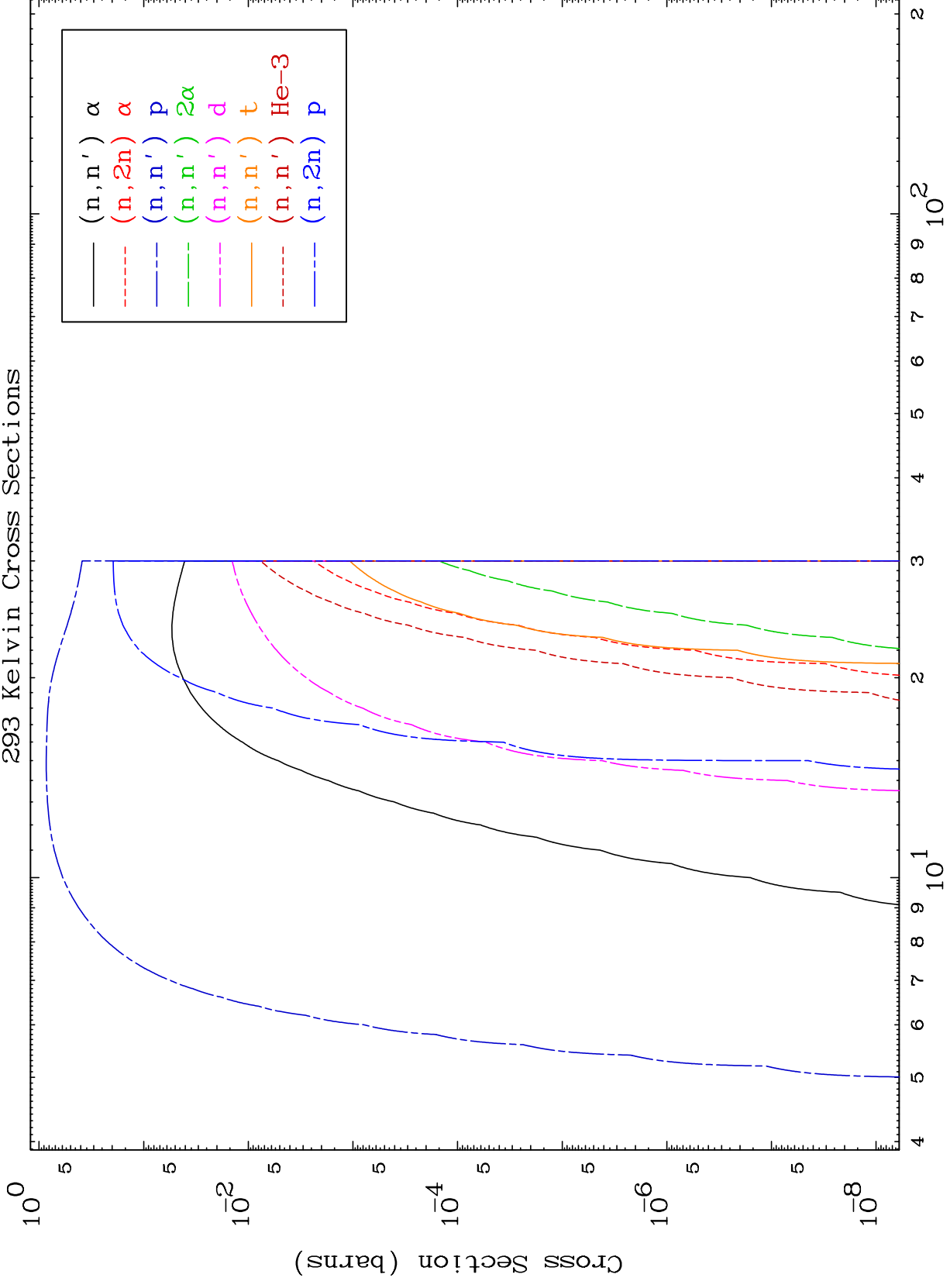
37-Rb-78



MAT 3704

Charged Particle
293 Kelvin Cross Sections

37-Rb-78



5

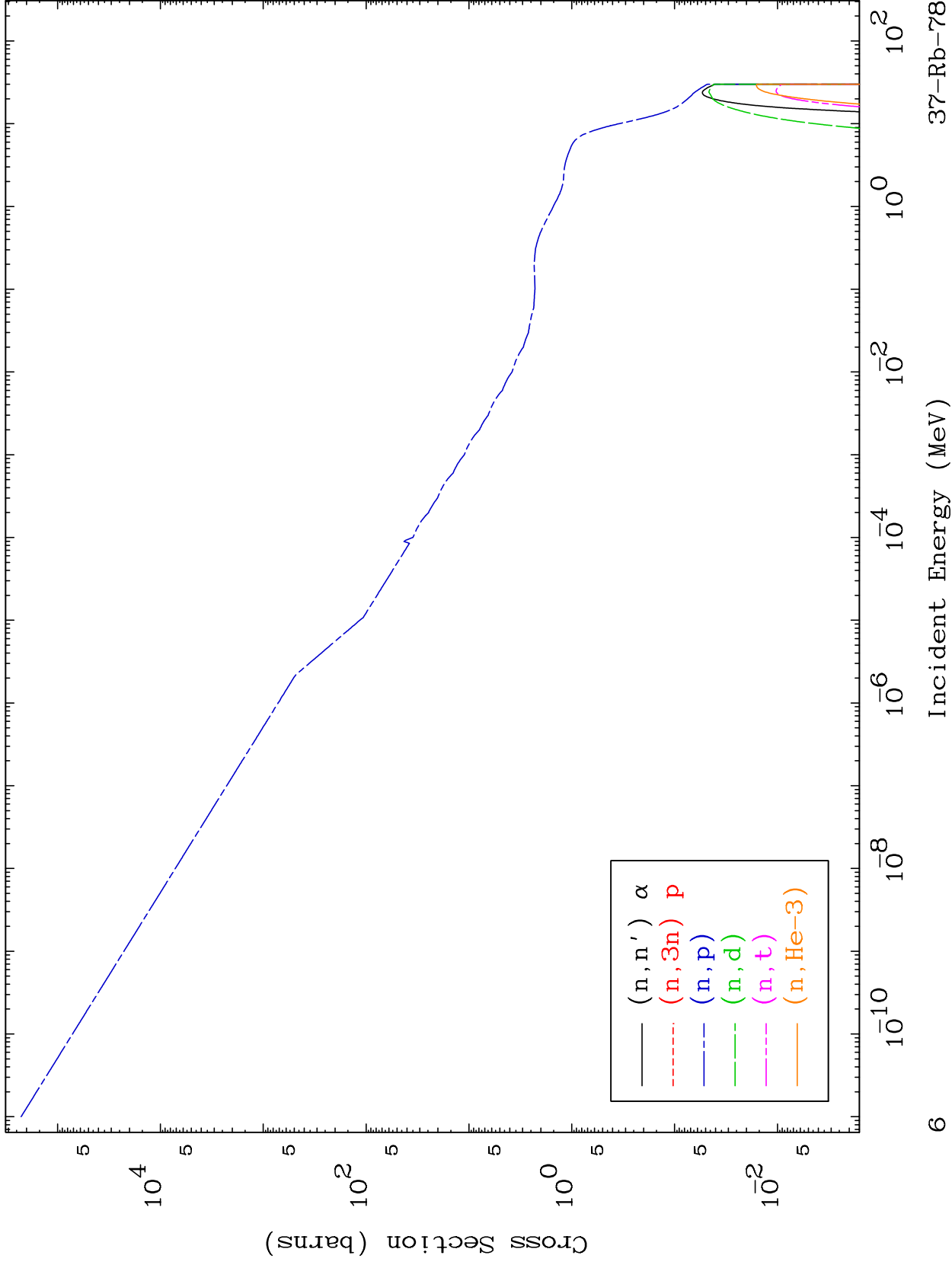
Incident Energy (MeV)

37-Rb-78

MAT 3704

Charged Particle
293 Kelvin Cross Sections

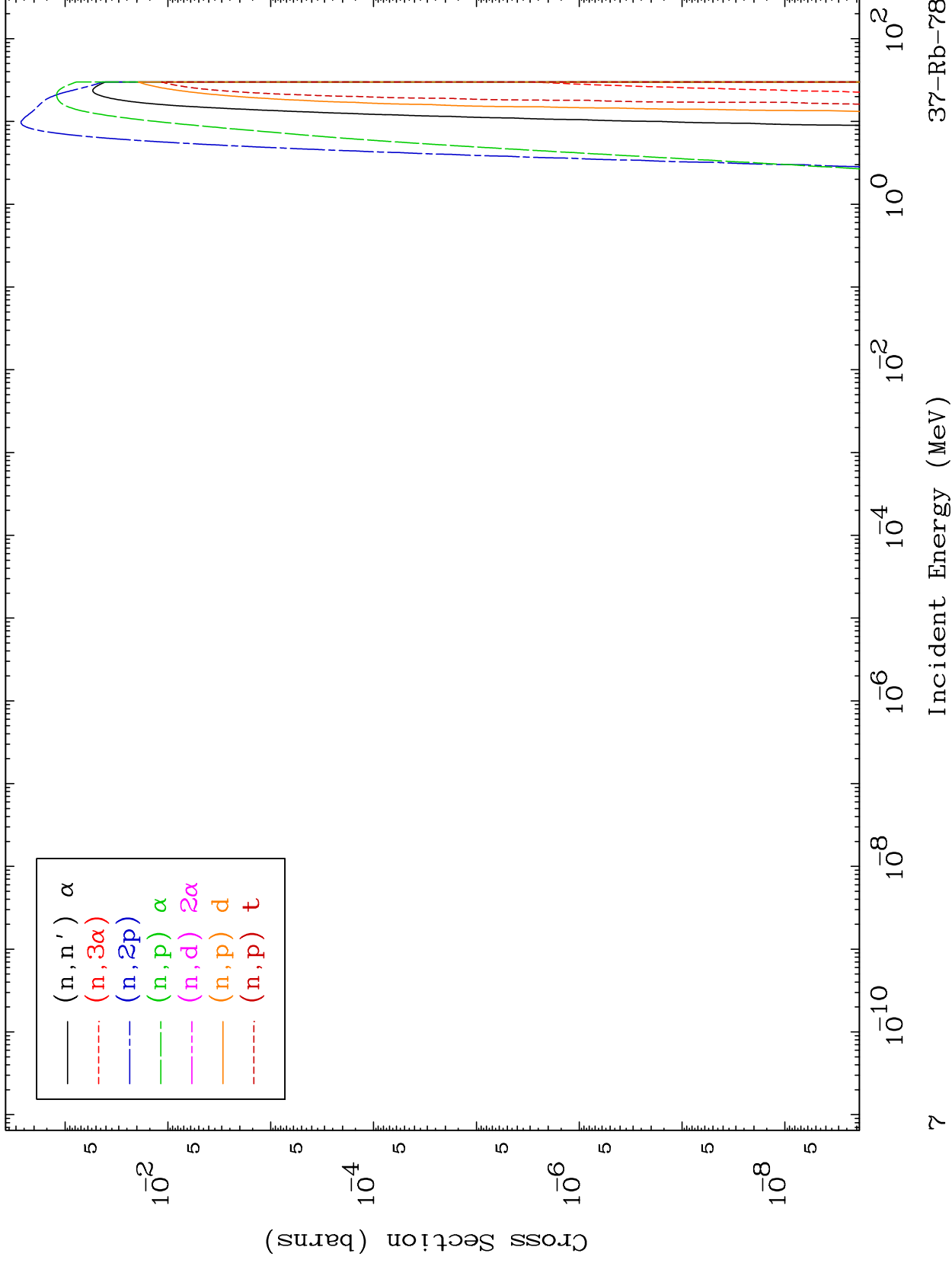
37-Rb-78



MAT 3704

Charged Particle
293 Kelvin Cross Sections

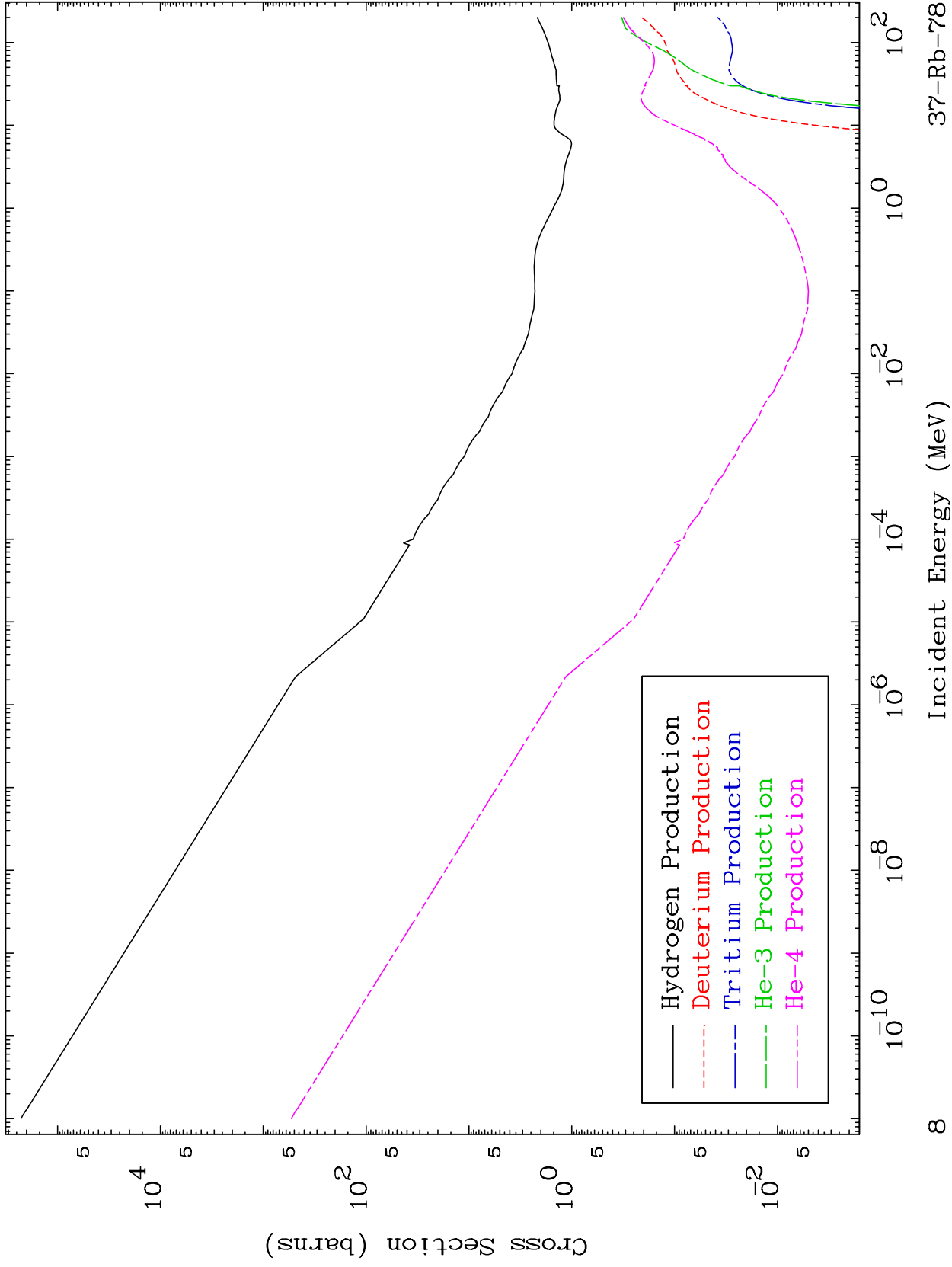
37-Rb-78



MAT 3704

Particle Production
293 Kelvin Cross Sections

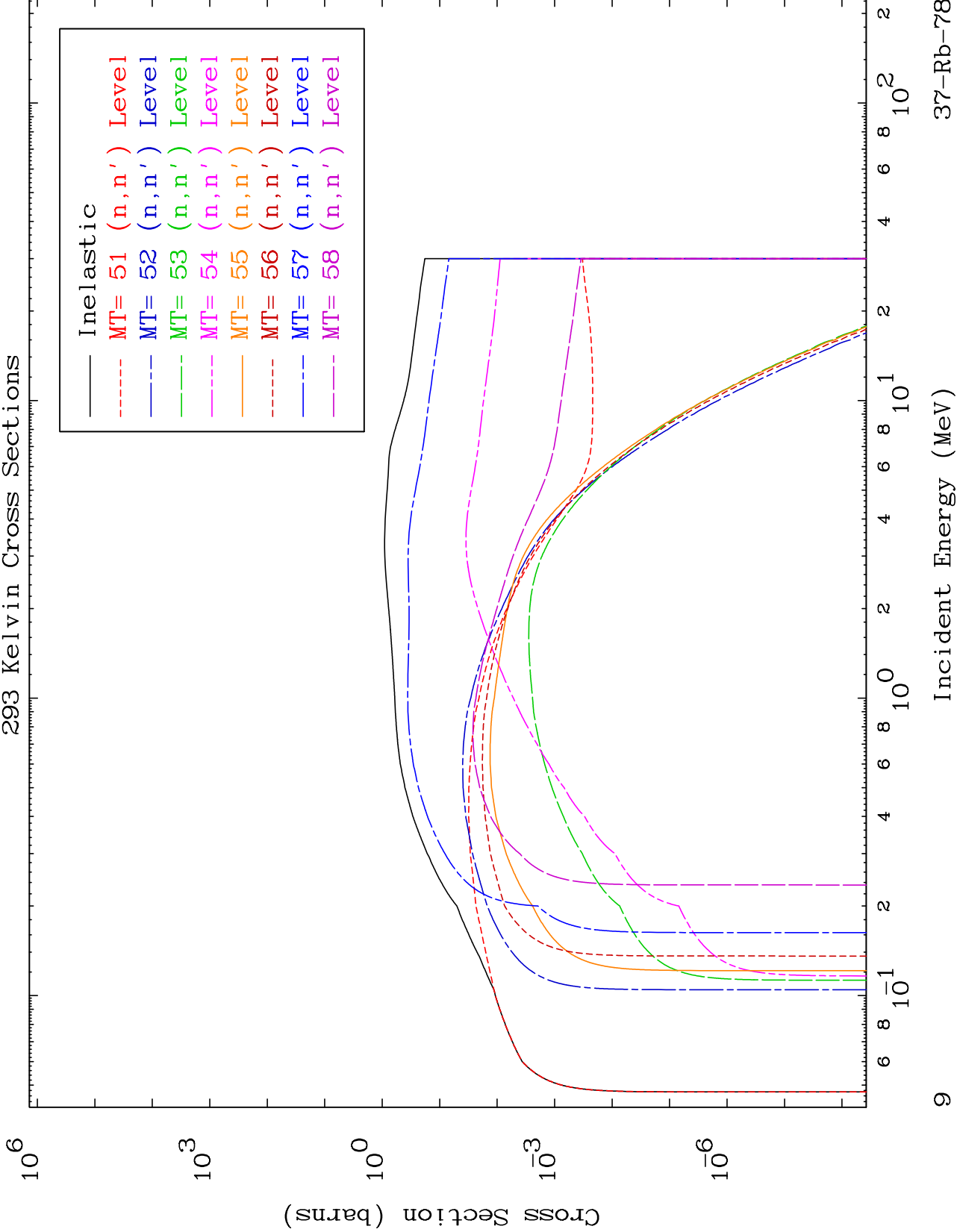
37-Rb-78



MAT 3704

(n,n') Levels
293 Kelvin Cross Sections

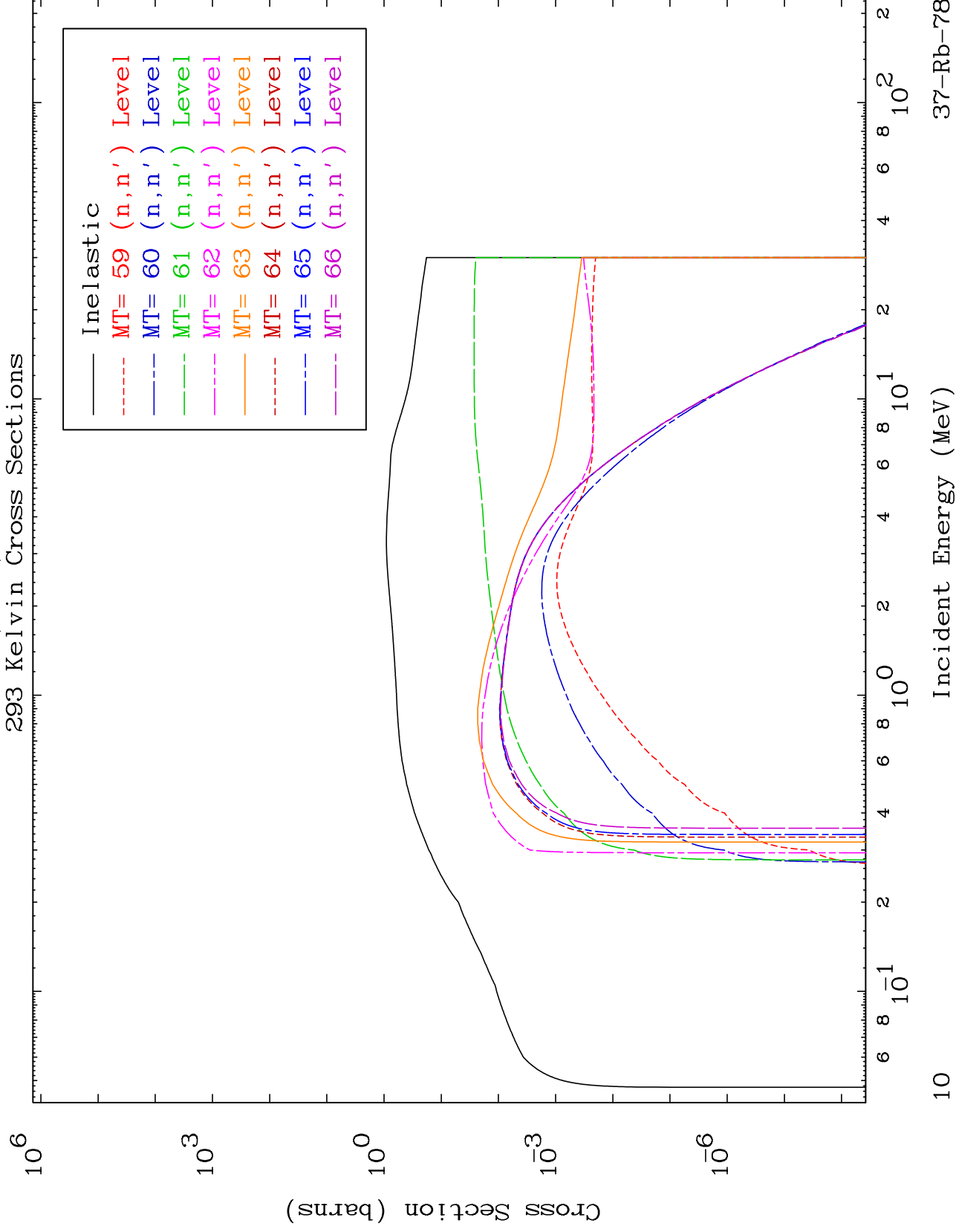
37-Rb-78



MAT 3704

(n,n') Levels
293 Kelvin Cross Sections

37-Rb-78



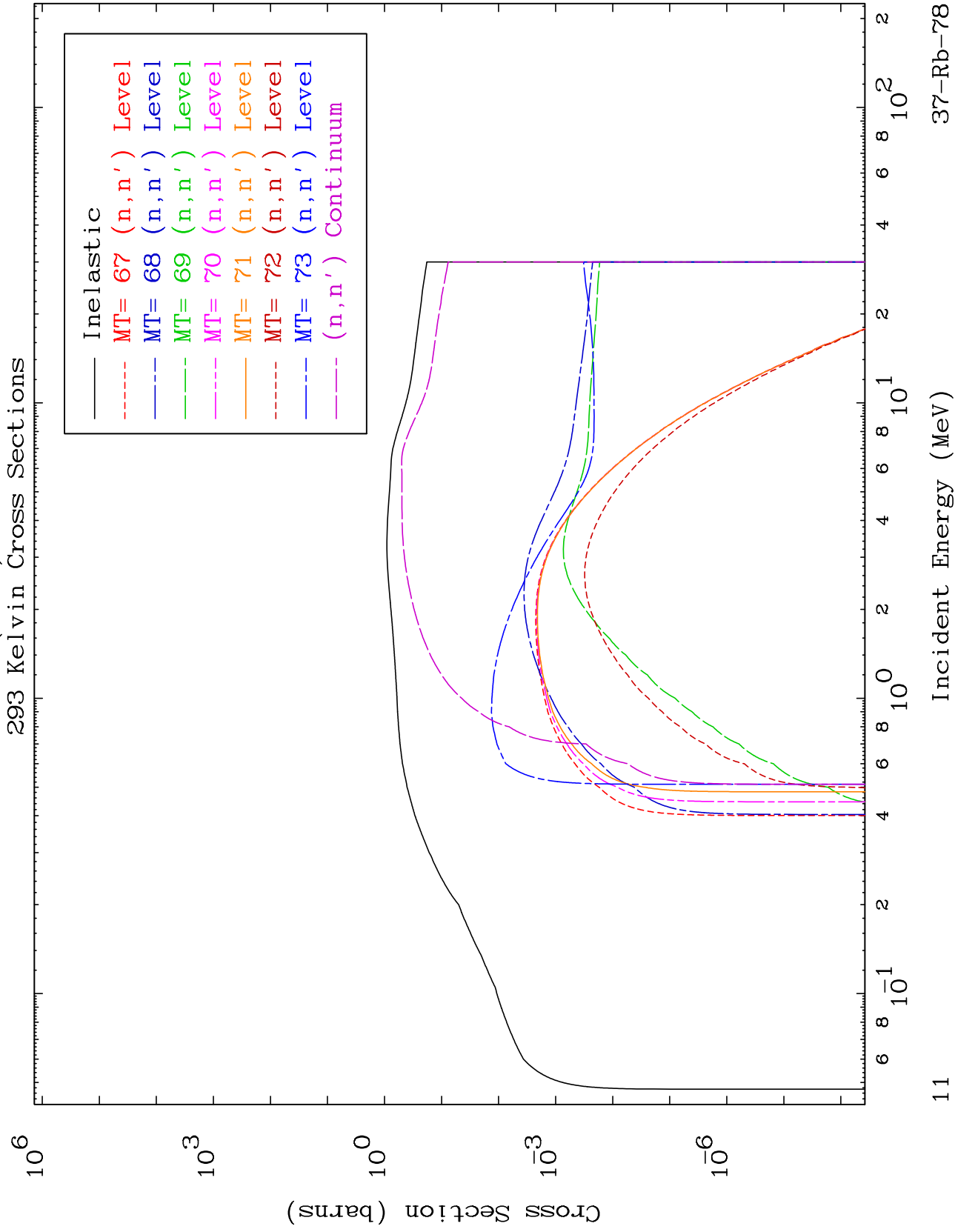
10

MAT 3704

(n,n') Levels

37-Rb-78

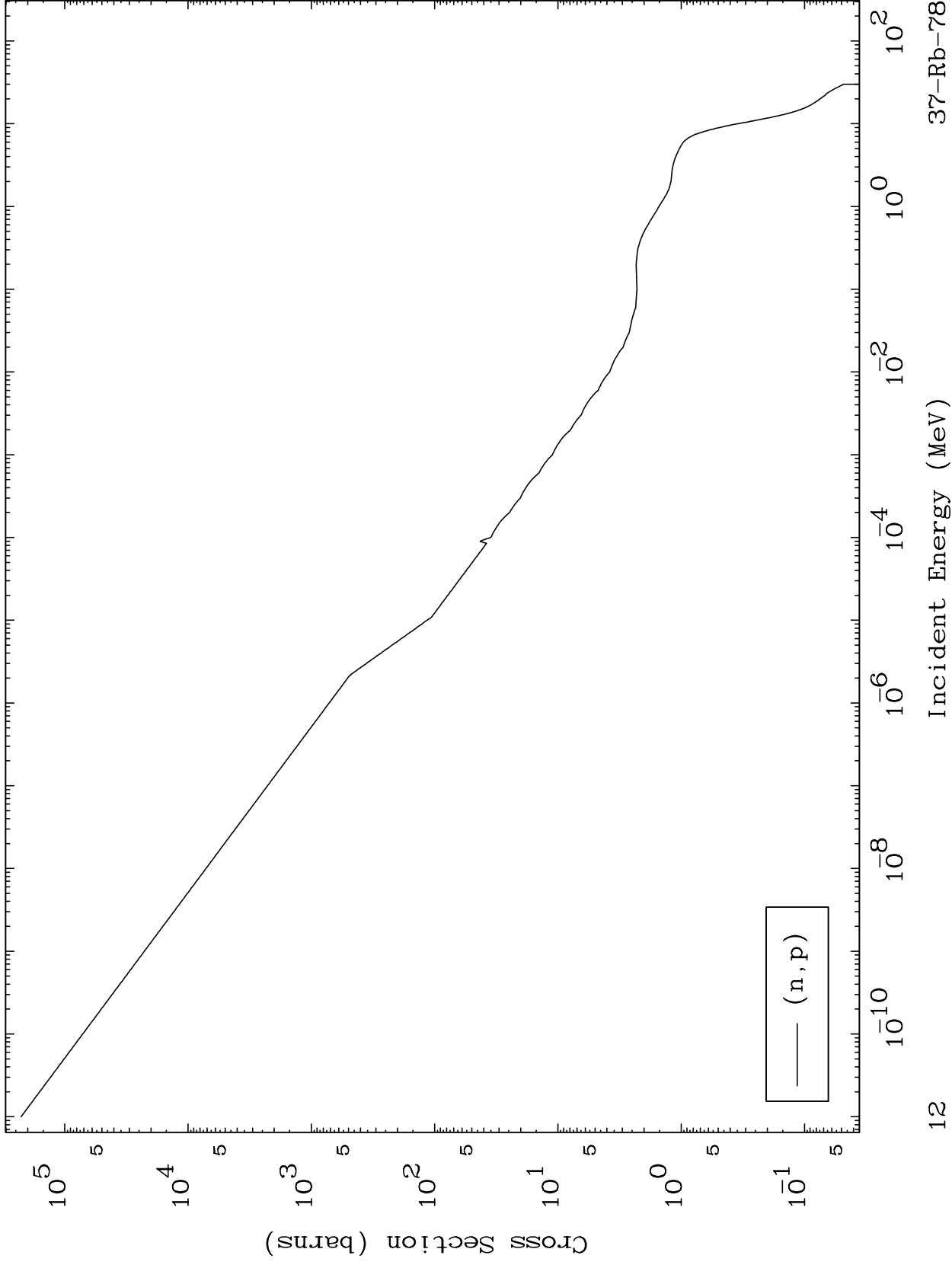
293 Kelvin Cross Sections



MAT 3704

(n,p) Levels
293 Kelvin Cross Sections

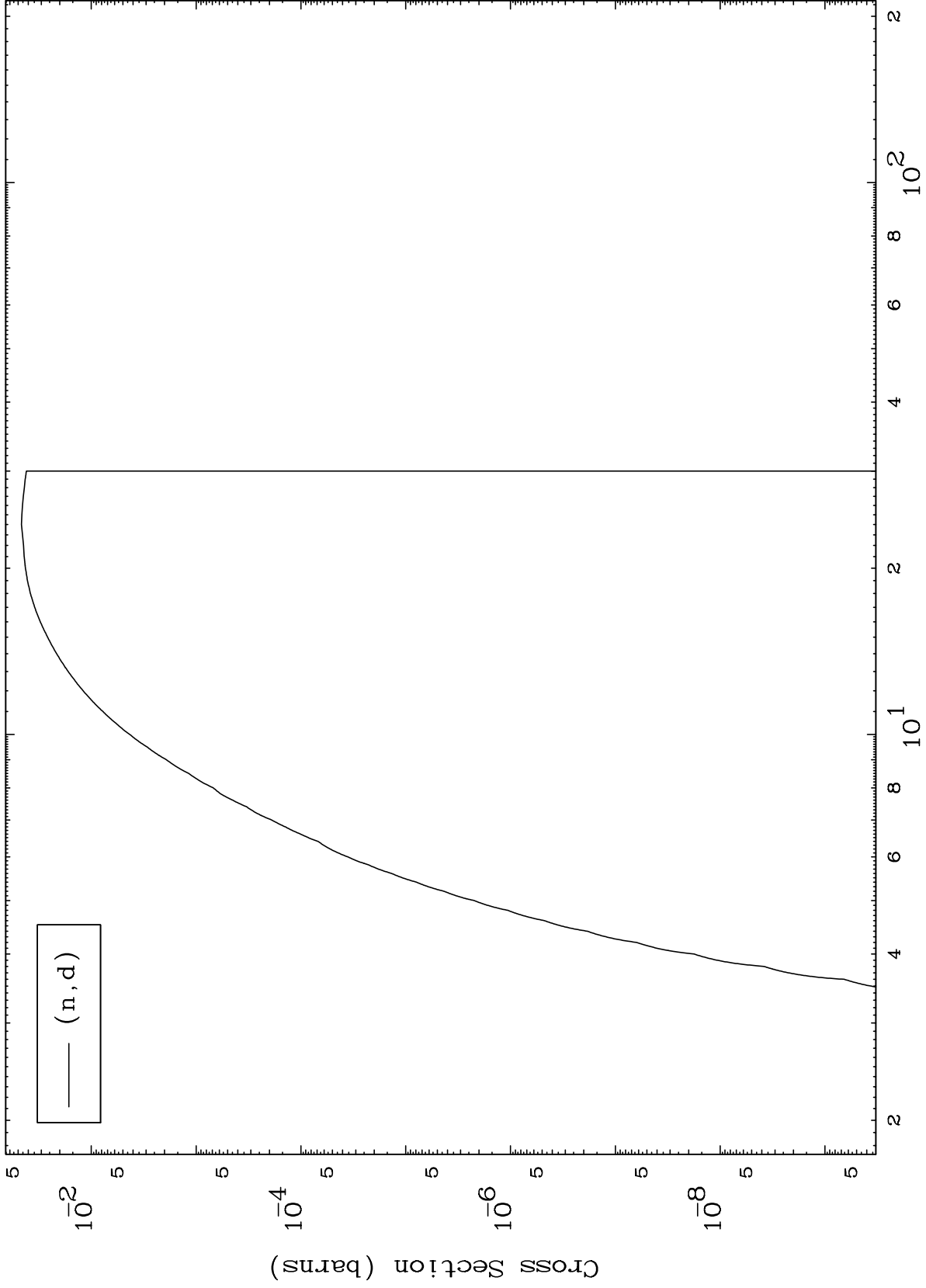
37-Rb-78



MAT 3704

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78



13

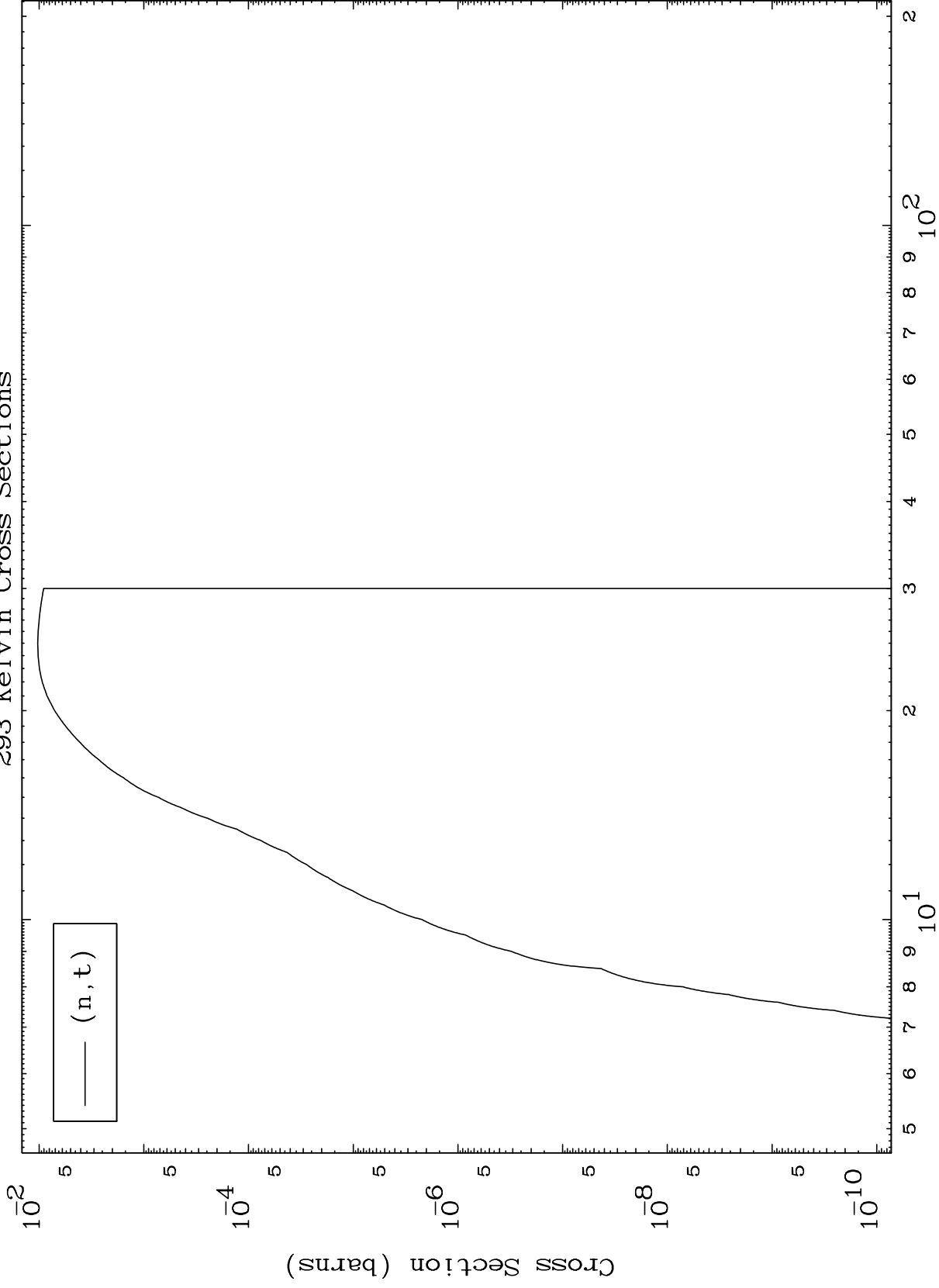
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78



14

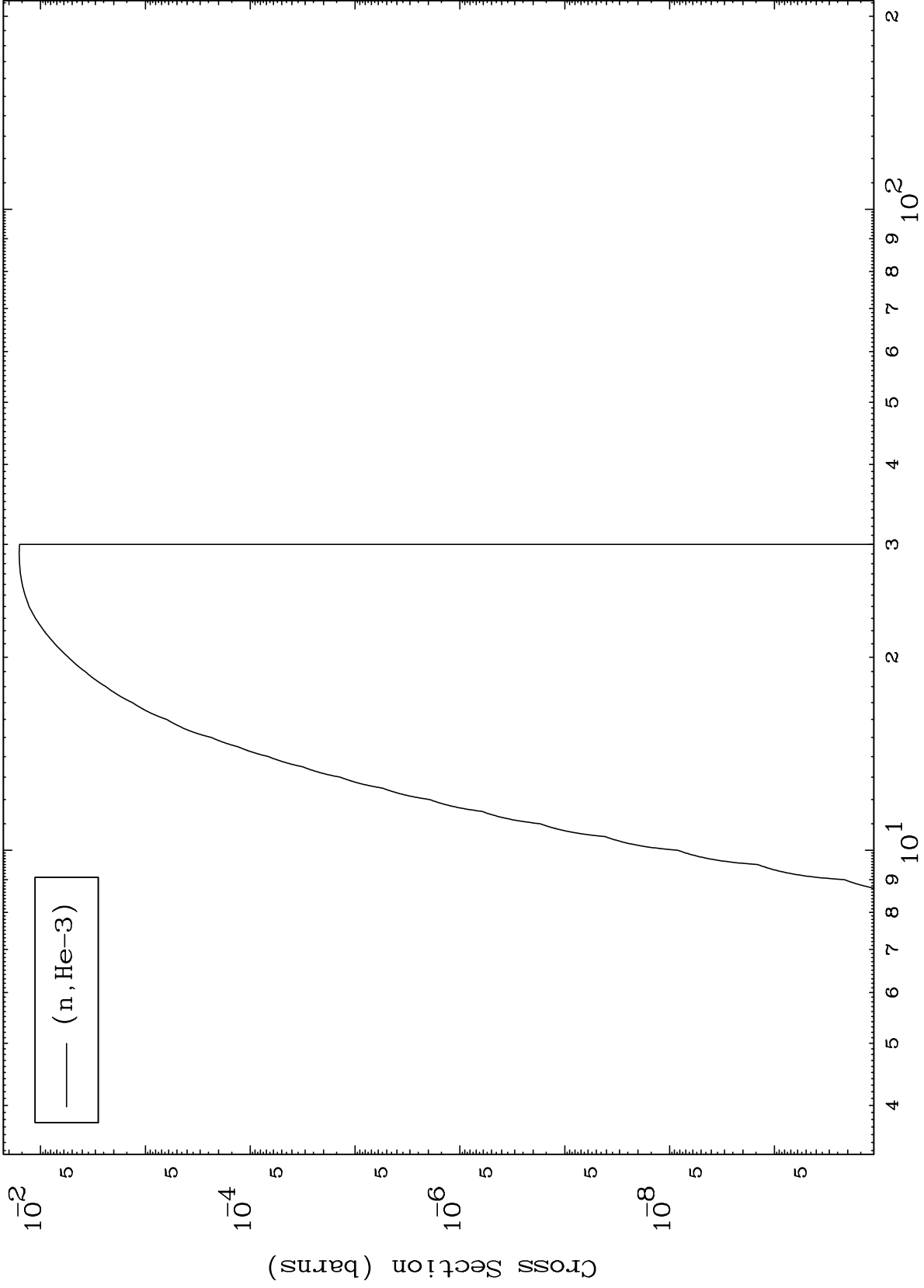
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-78



15

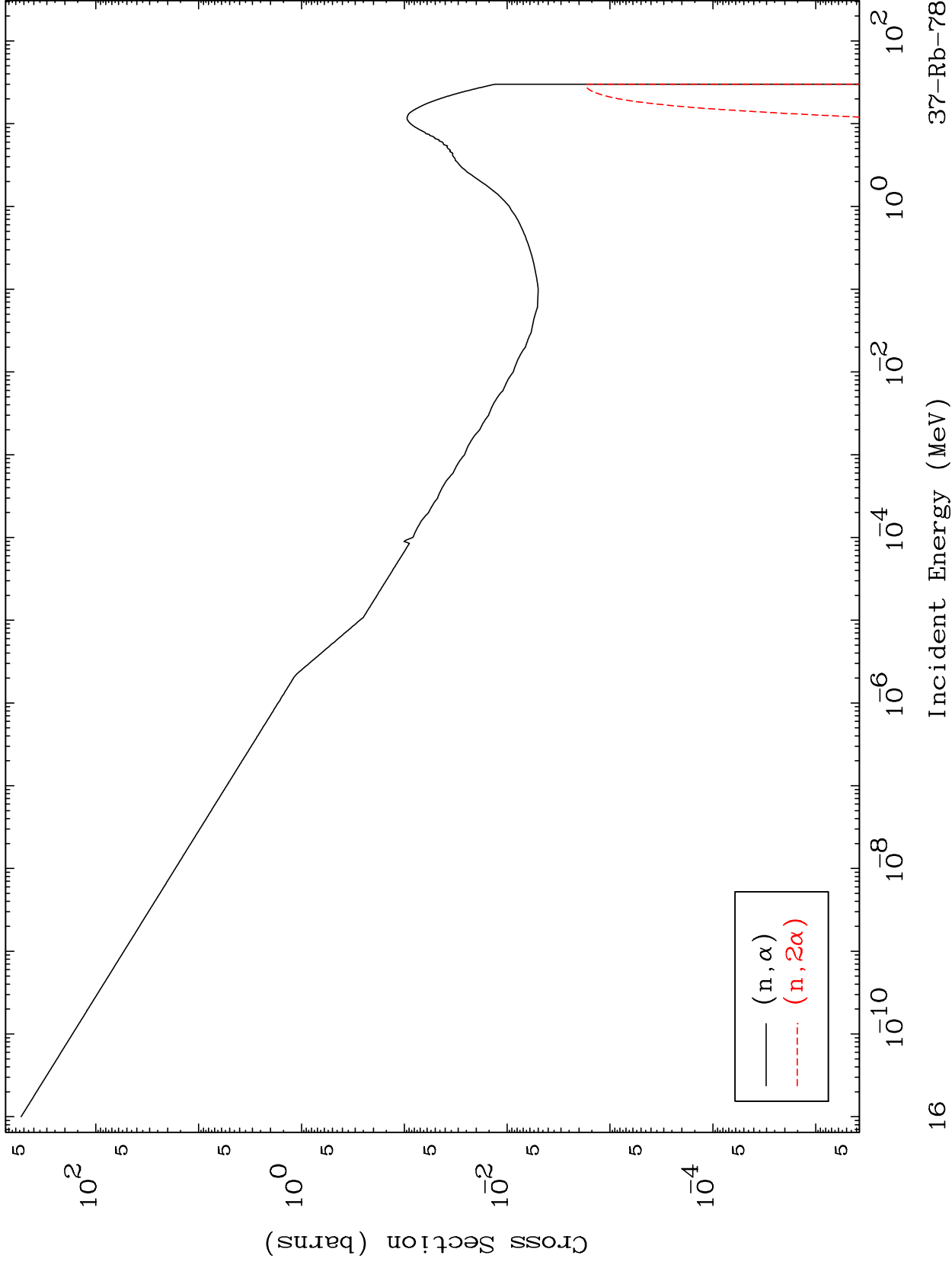
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,α) Levels
293 Kelvin Cross Sections

37-Rb-78



16

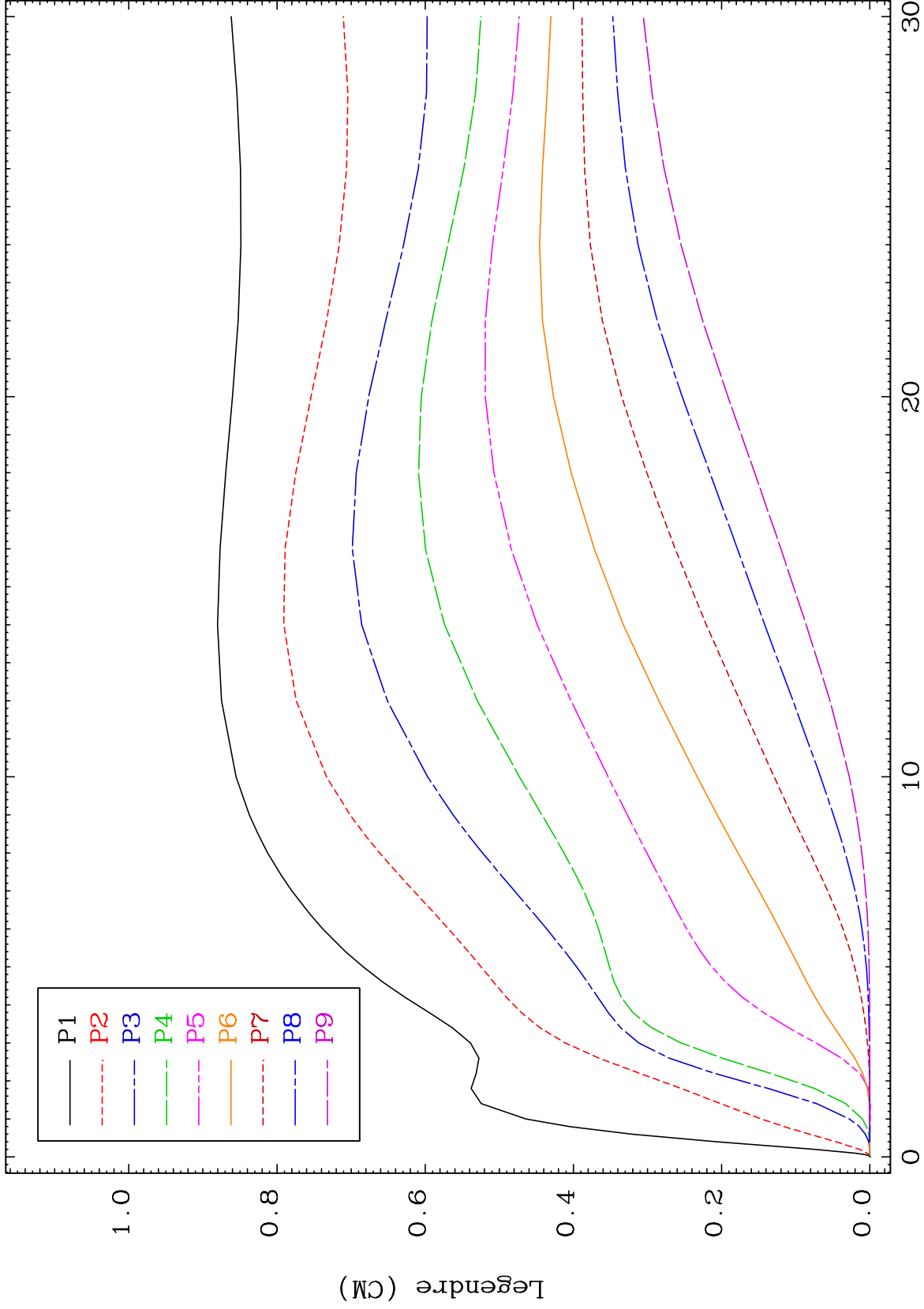
Incident Energy (MeV)

37-Rb-78

MAT 3704

Elastic Legendre Coefficients

37-Rb-78



17

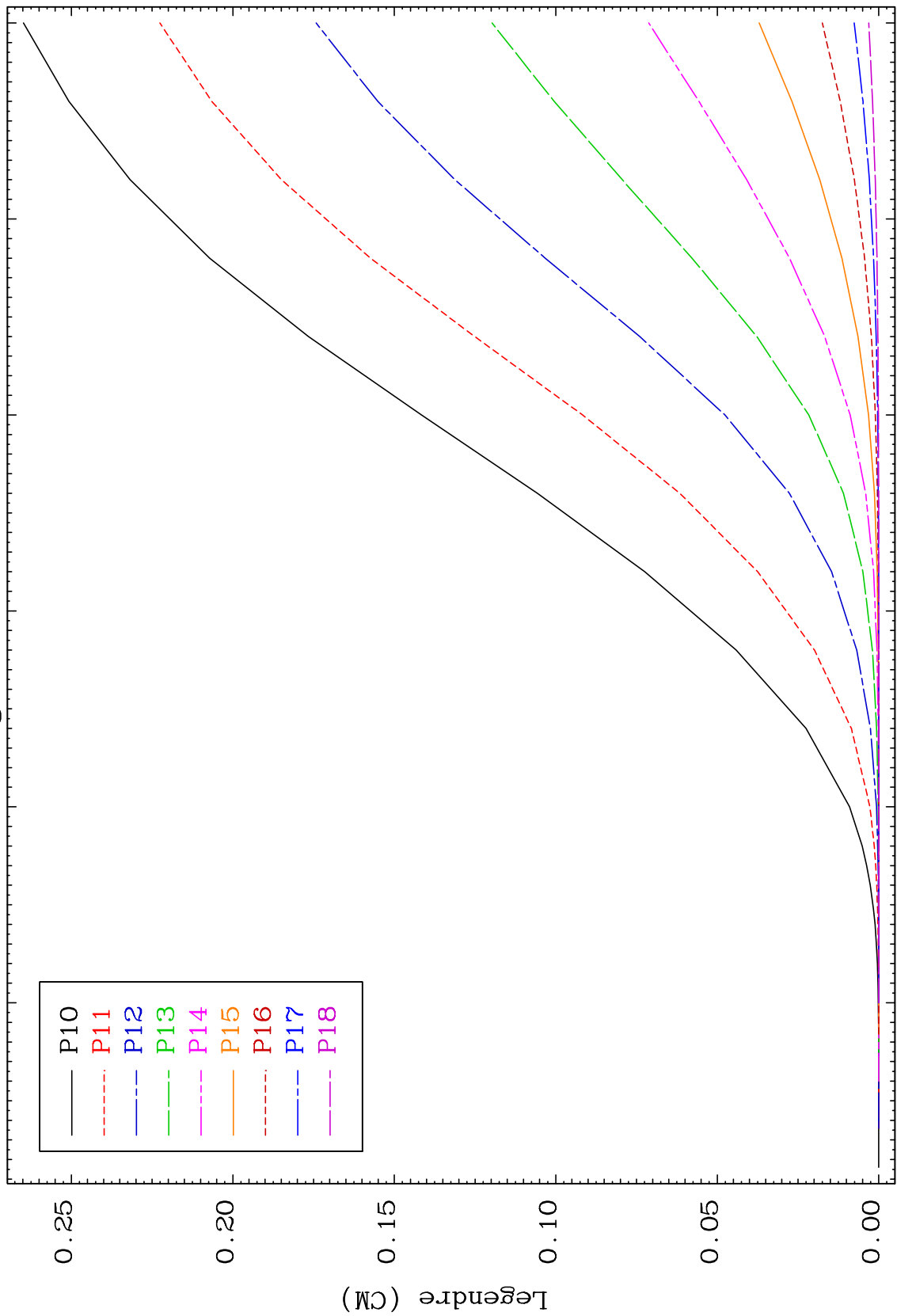
Incident Energy (MeV)

37-Rb-78

MAT 3704

Elastic Legendre Coefficients

³⁷Rb-78



18

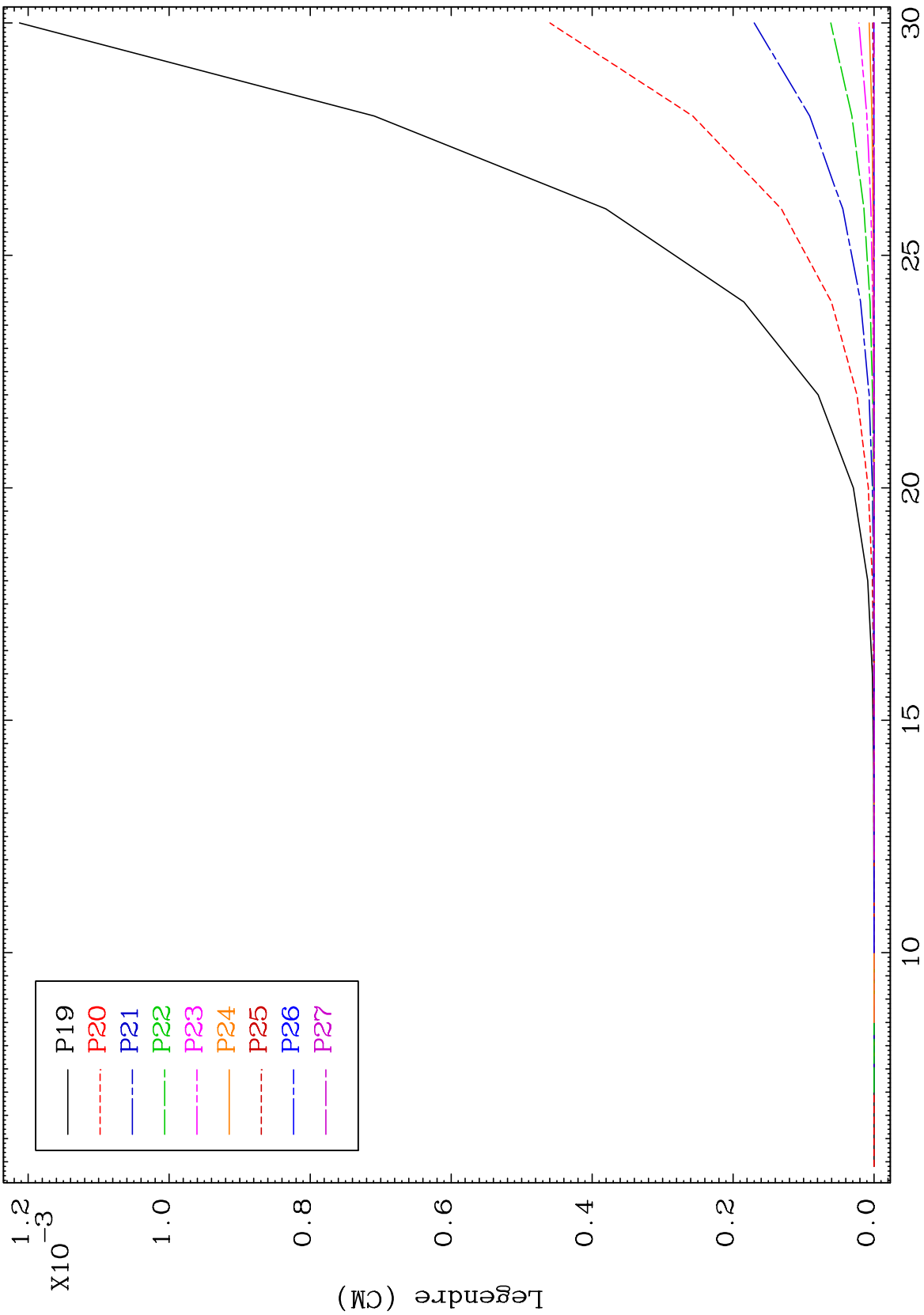
Incident Energy (MeV)

³⁷Rb-78

MAT 3704

Elastic
Legendre Coefficients

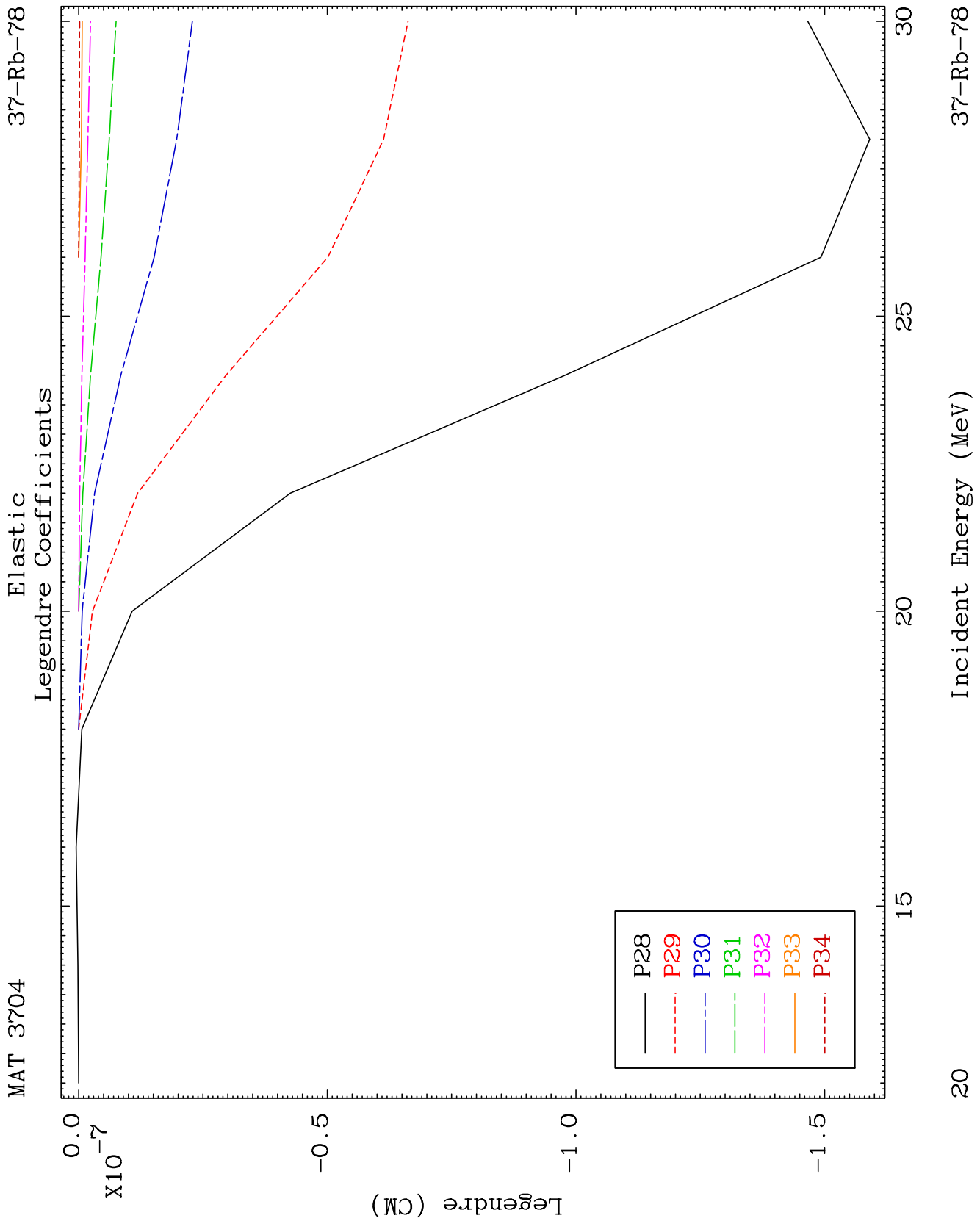
37-Rb-78



19

Incident Energy (MeV)

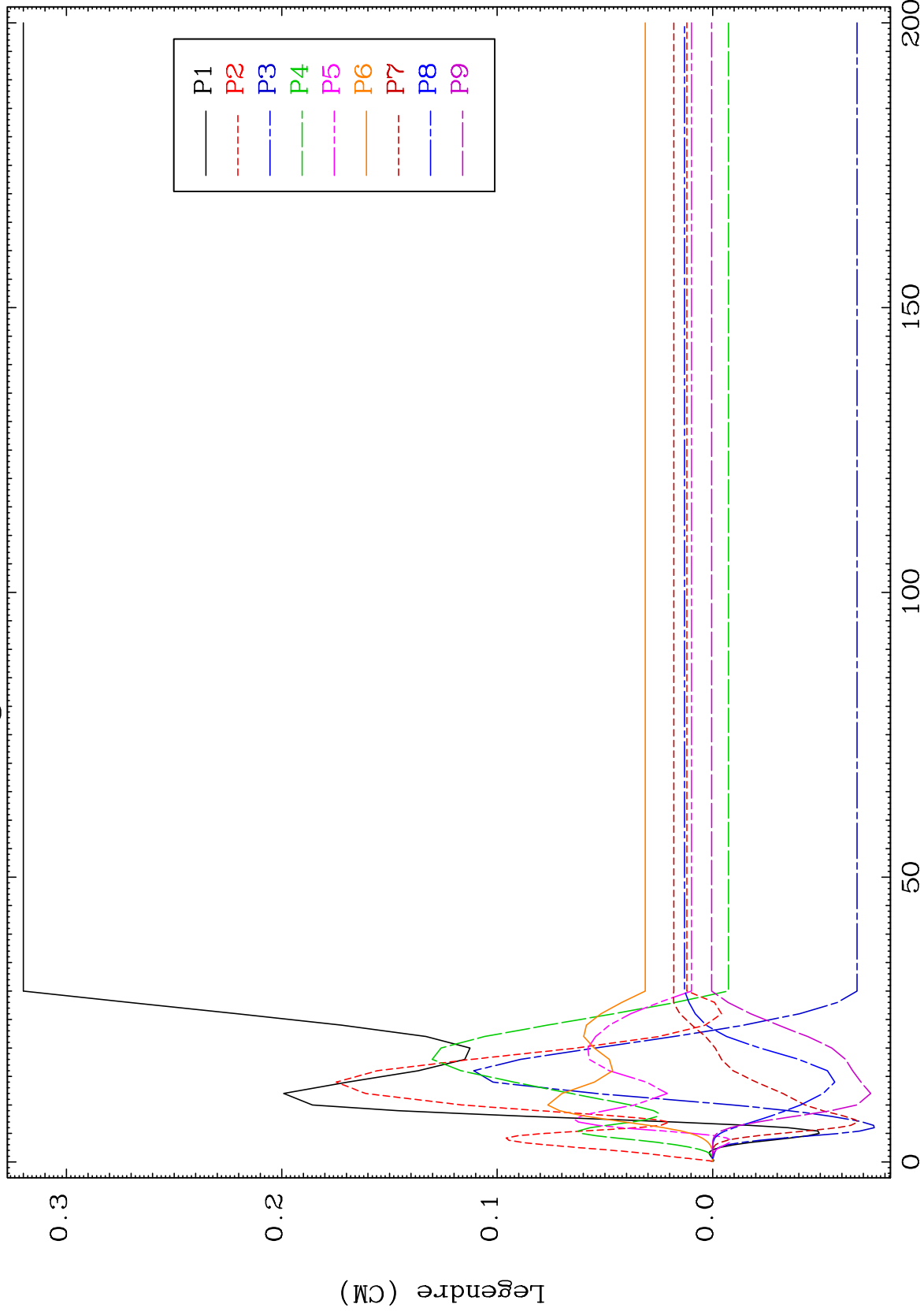
37-Rb-78



MAT 3704

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

37-Rb-78



21

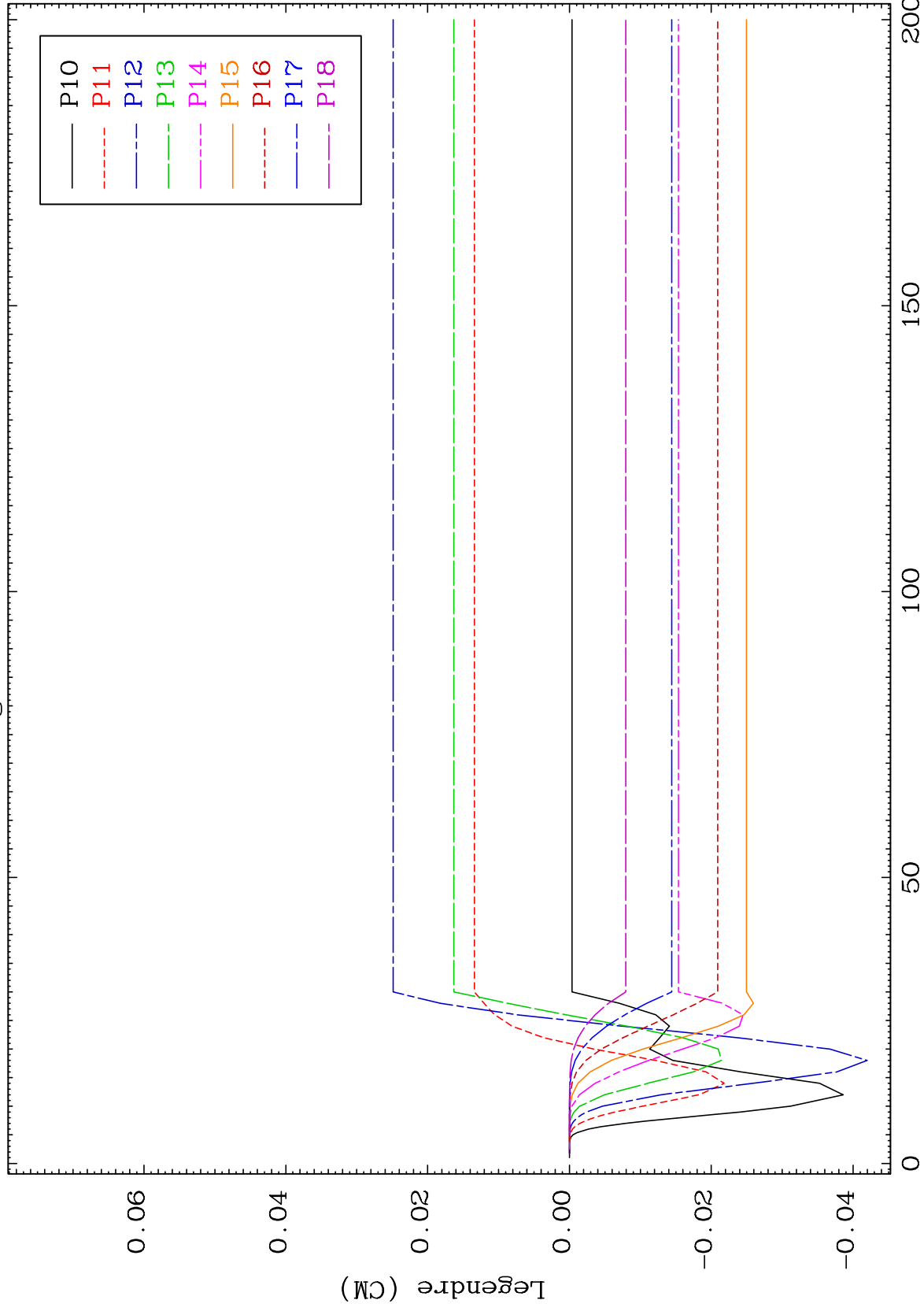
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

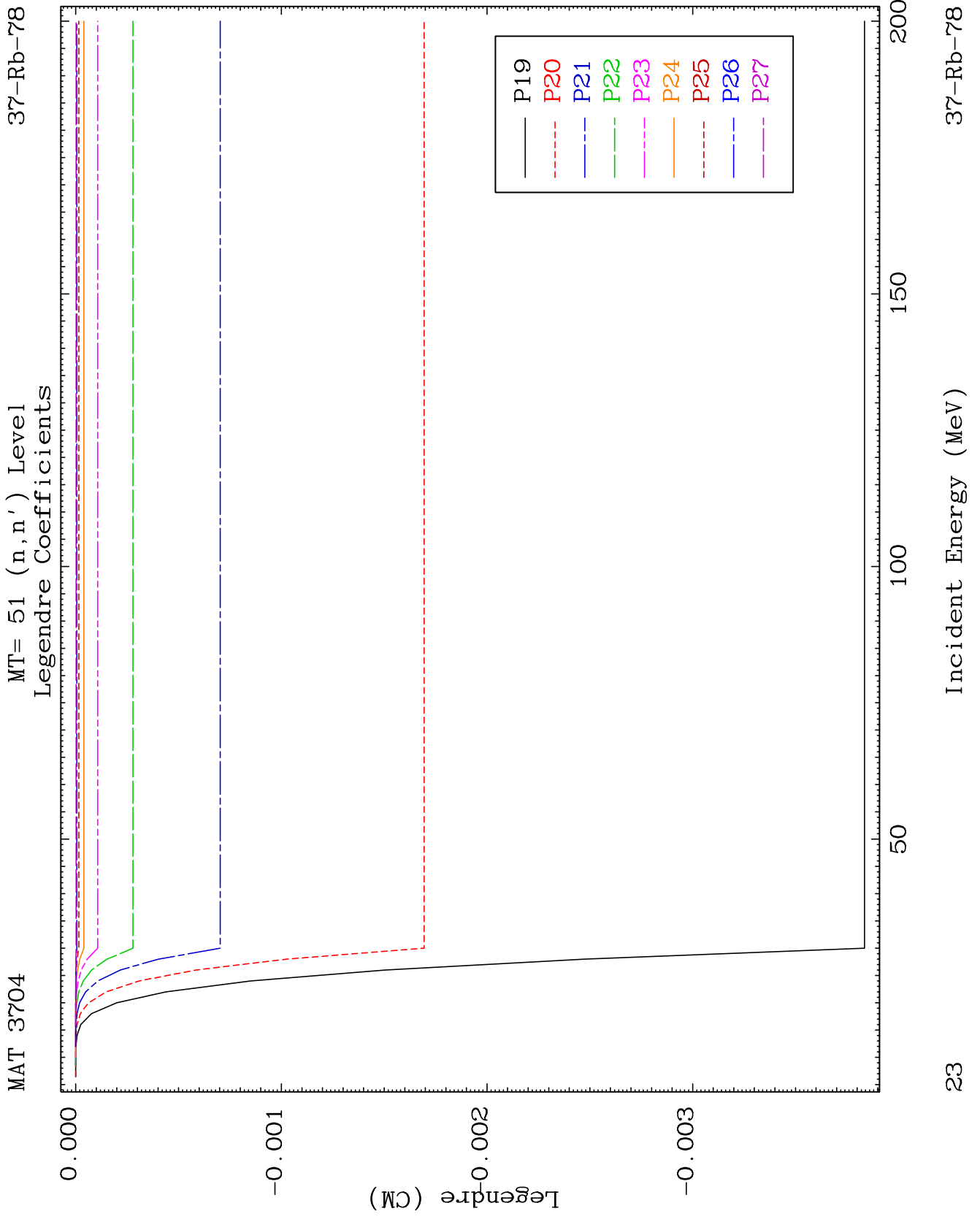
37-Rb-78

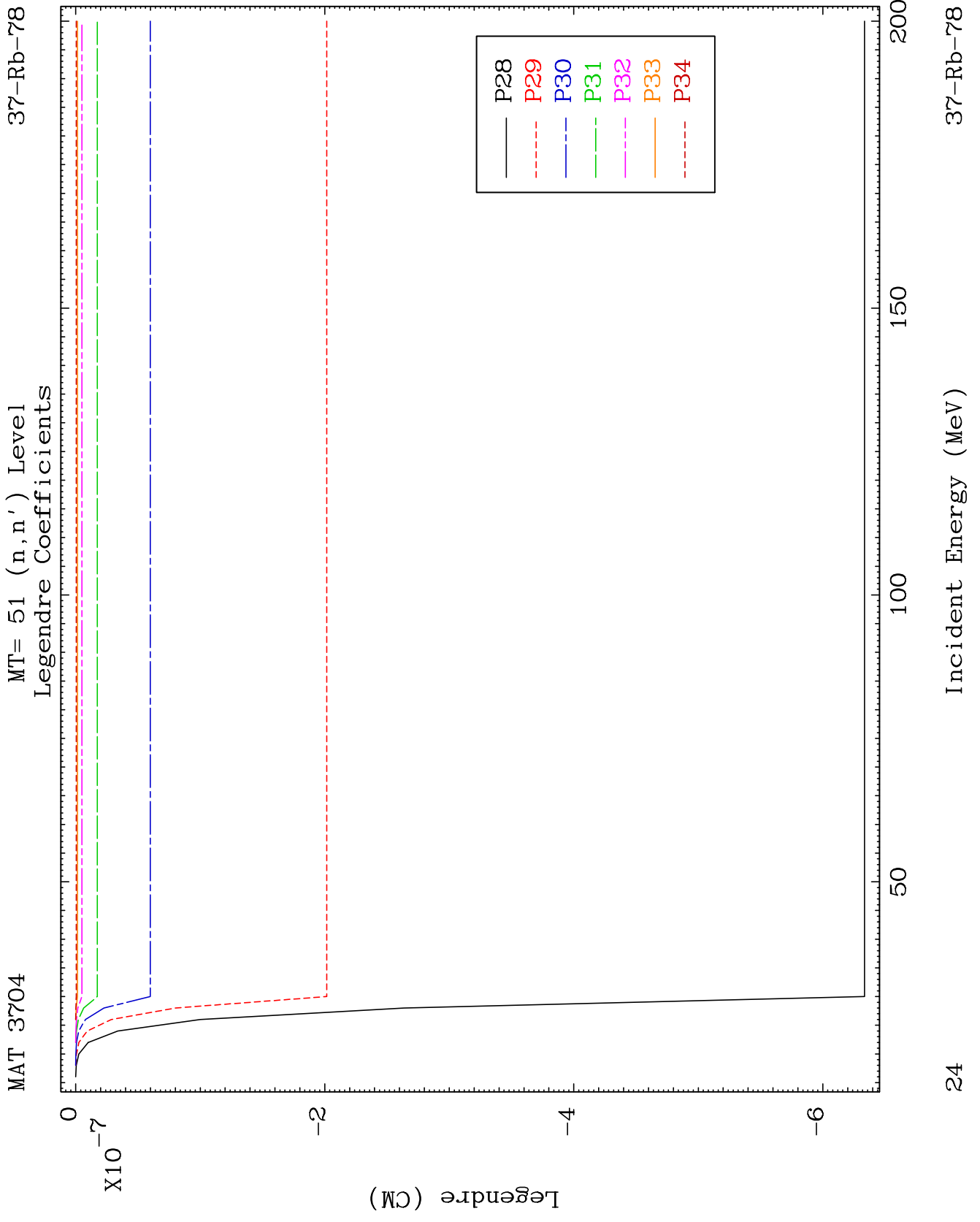


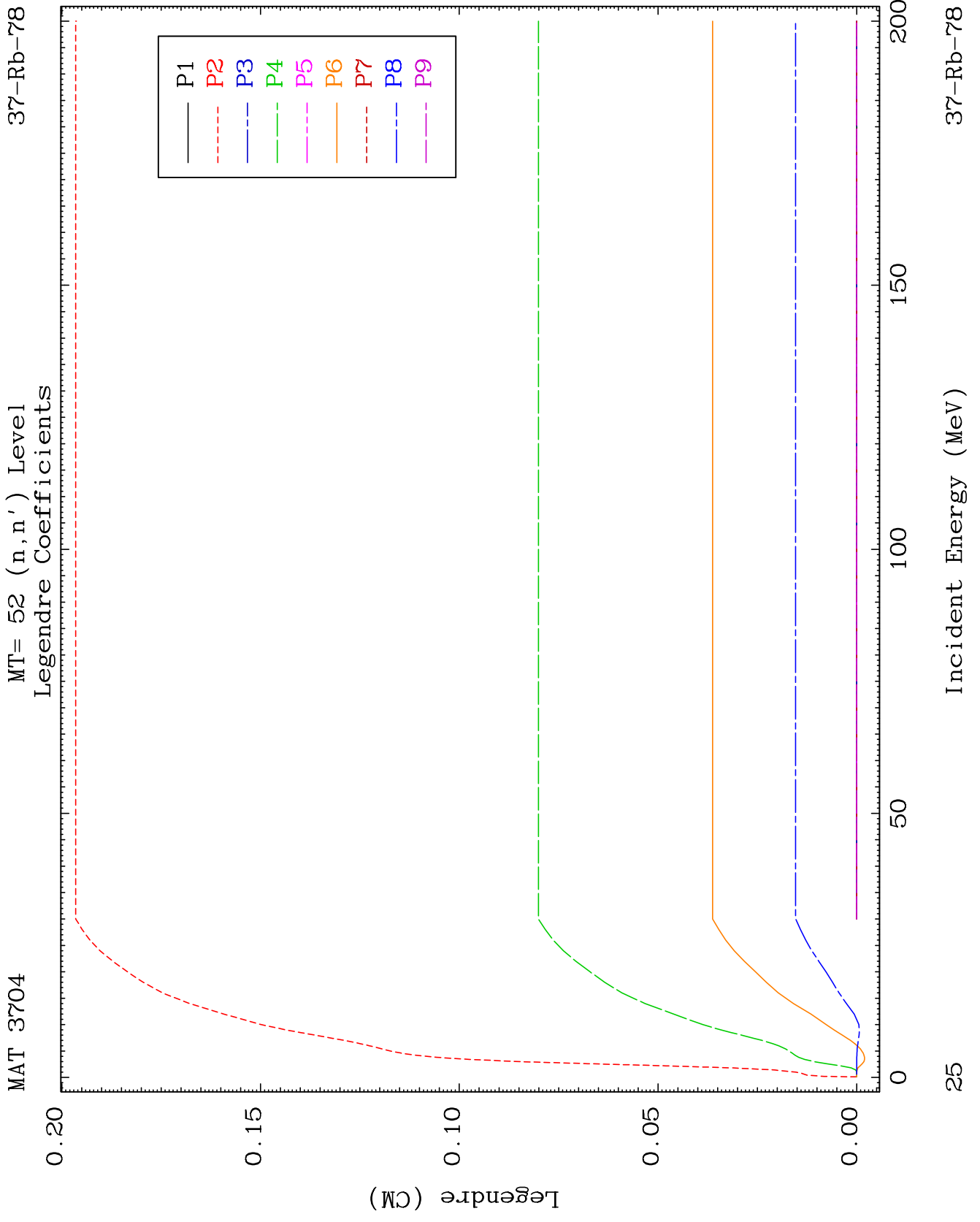
22

Incident Energy (MeV)

37-Rb-78



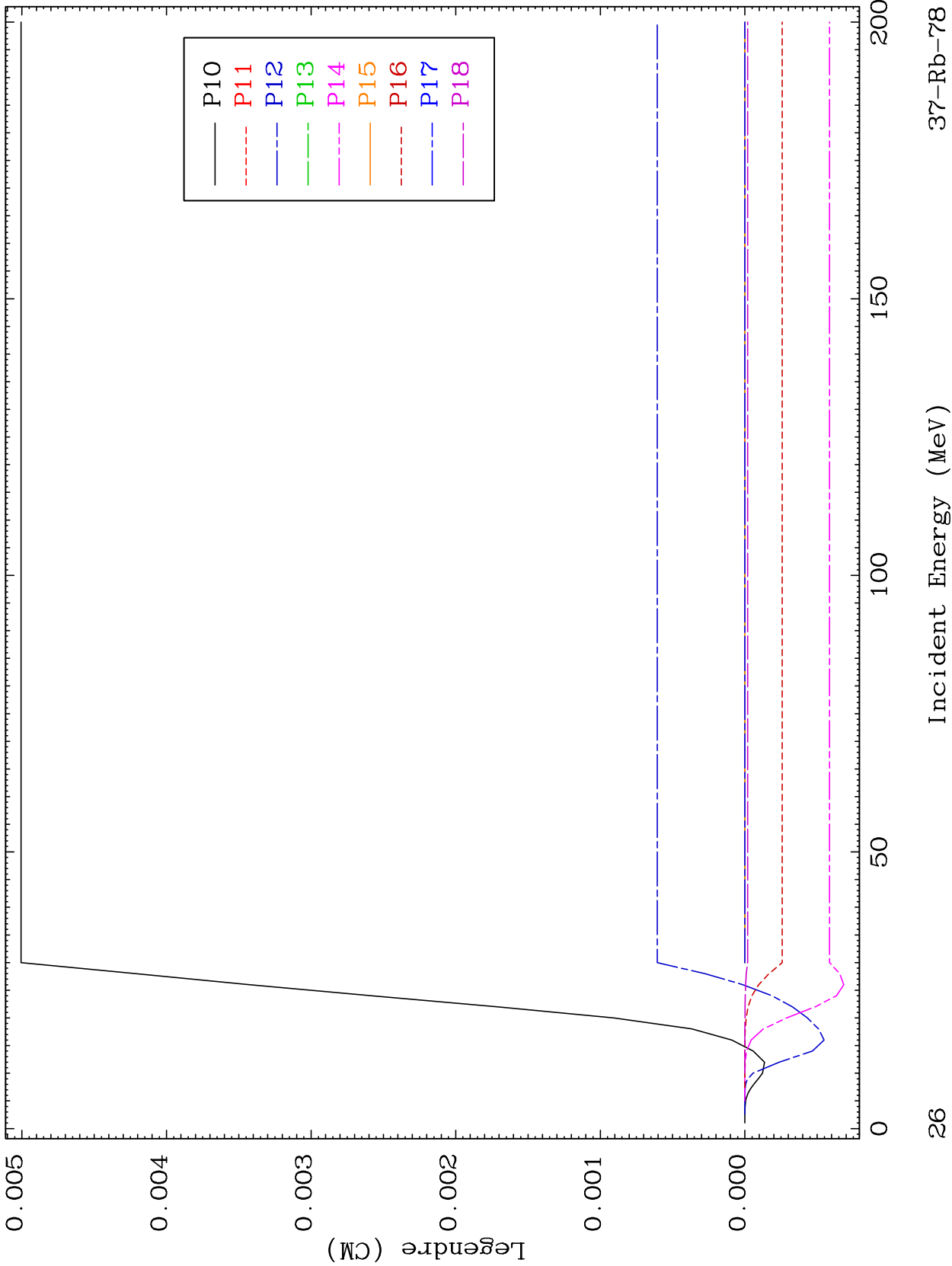




MAT 3704

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

37-Rb-78



26

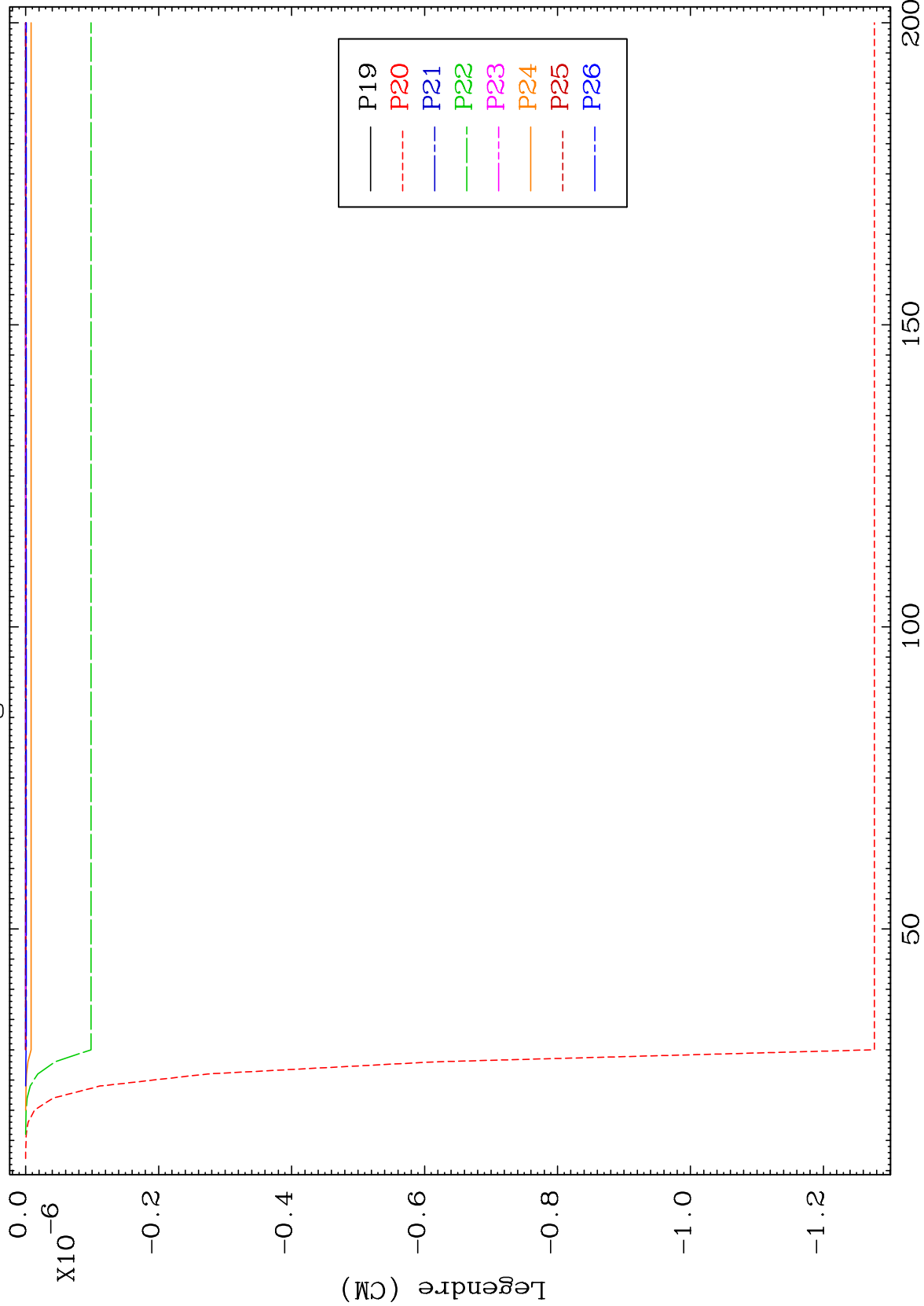
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

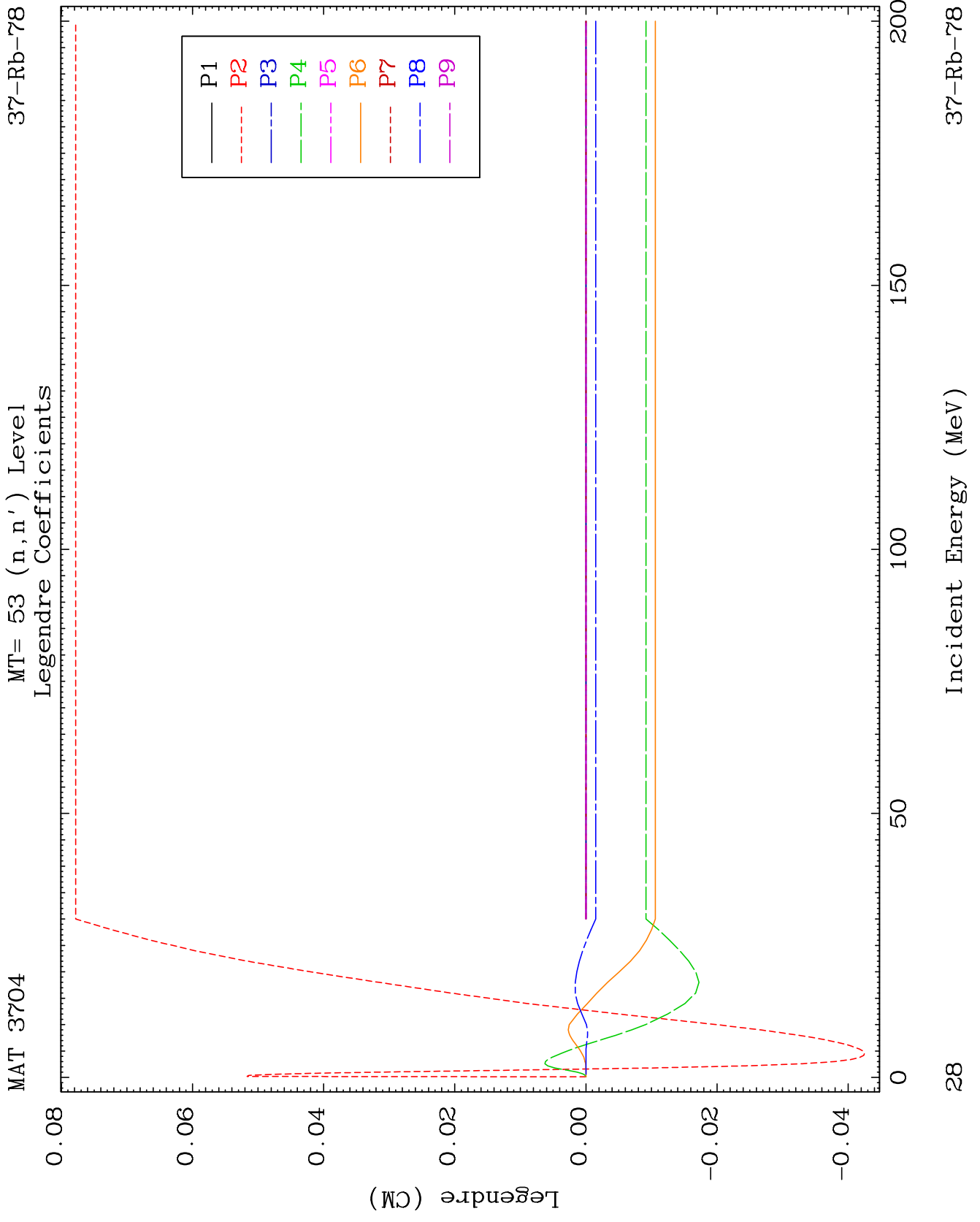
37-Rb-78



27

Incident Energy (MeV)

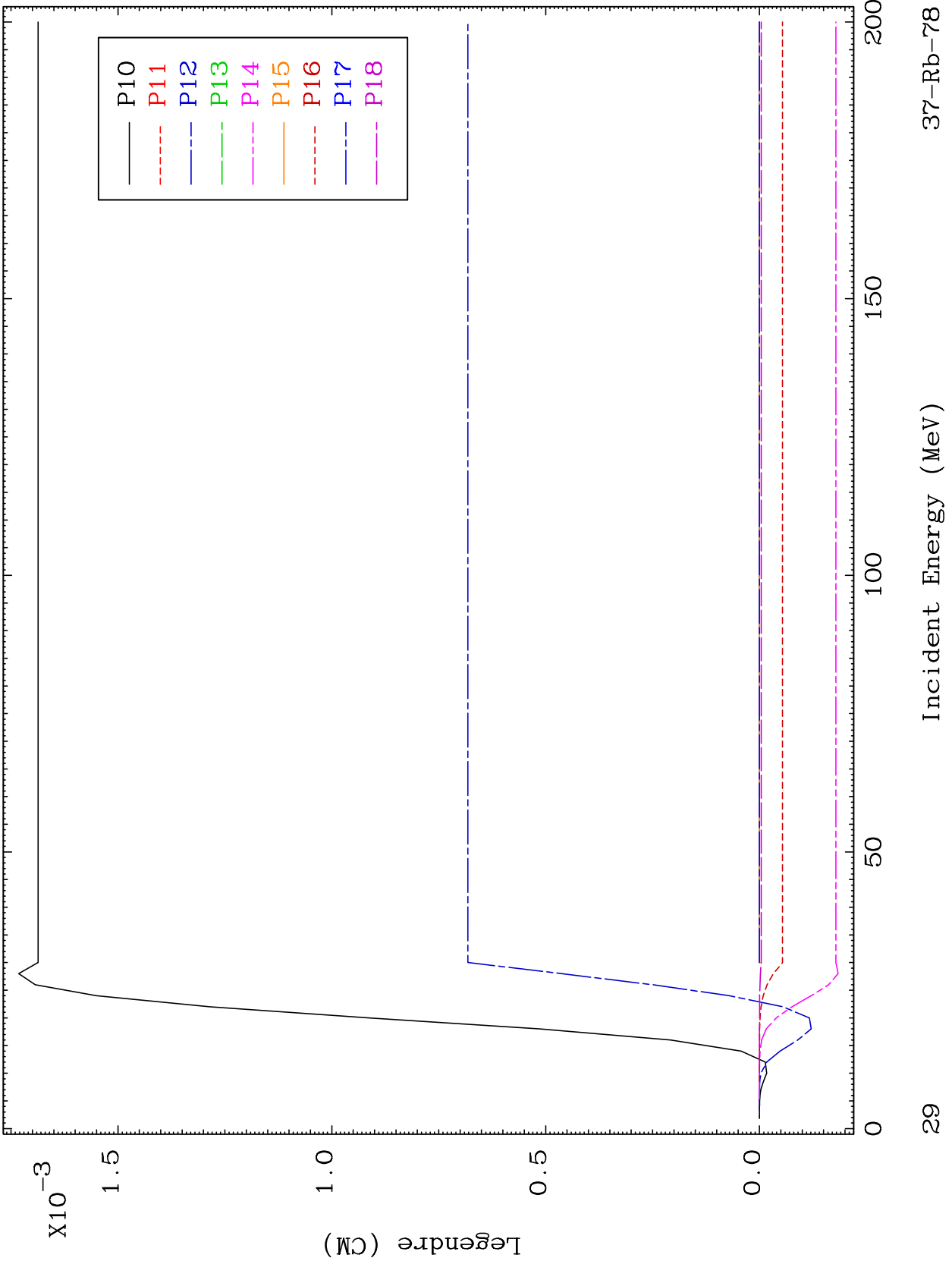
37-Rb-78



MAT 3704

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

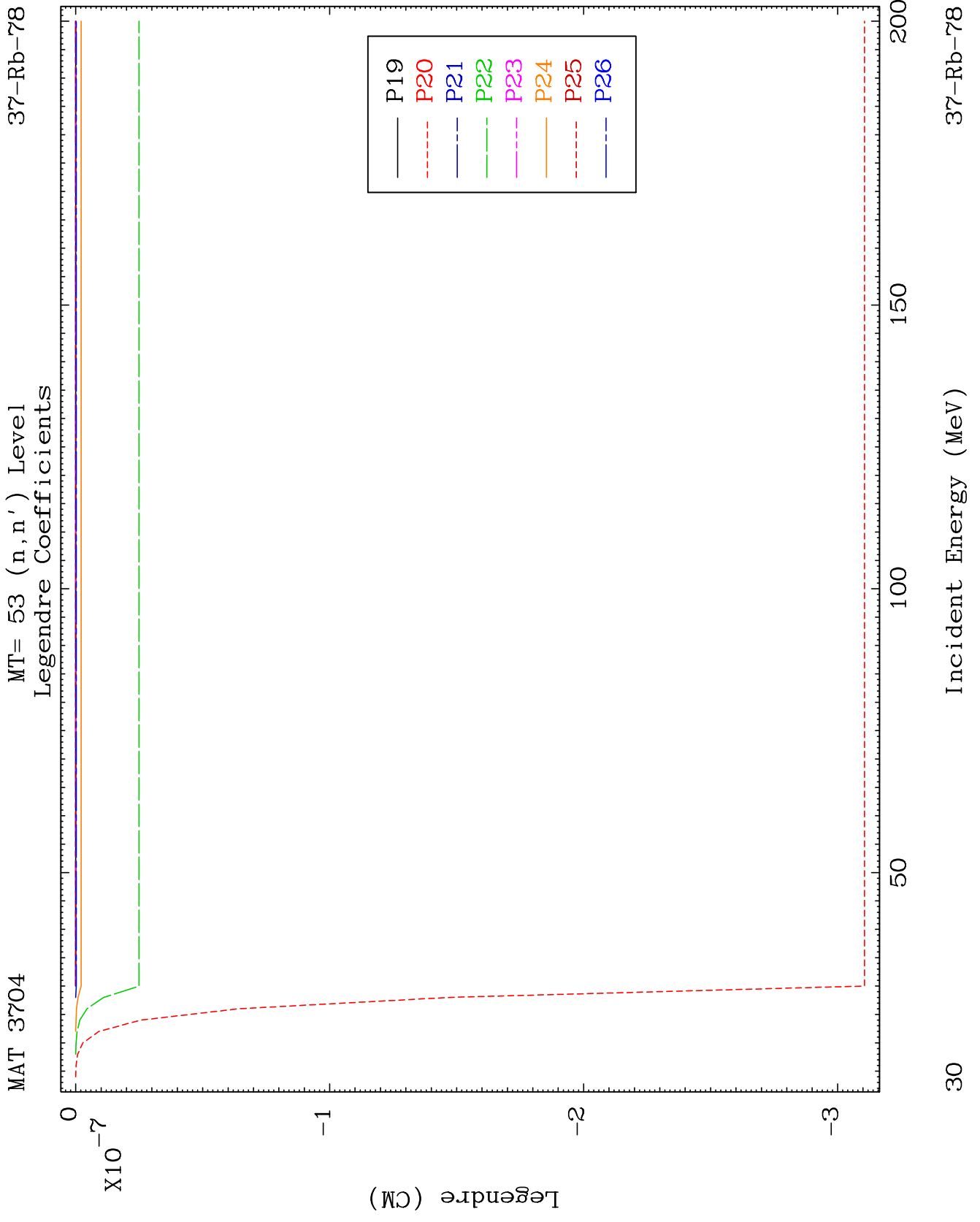
37-Rb-78



29

Incident Energy (MeV)

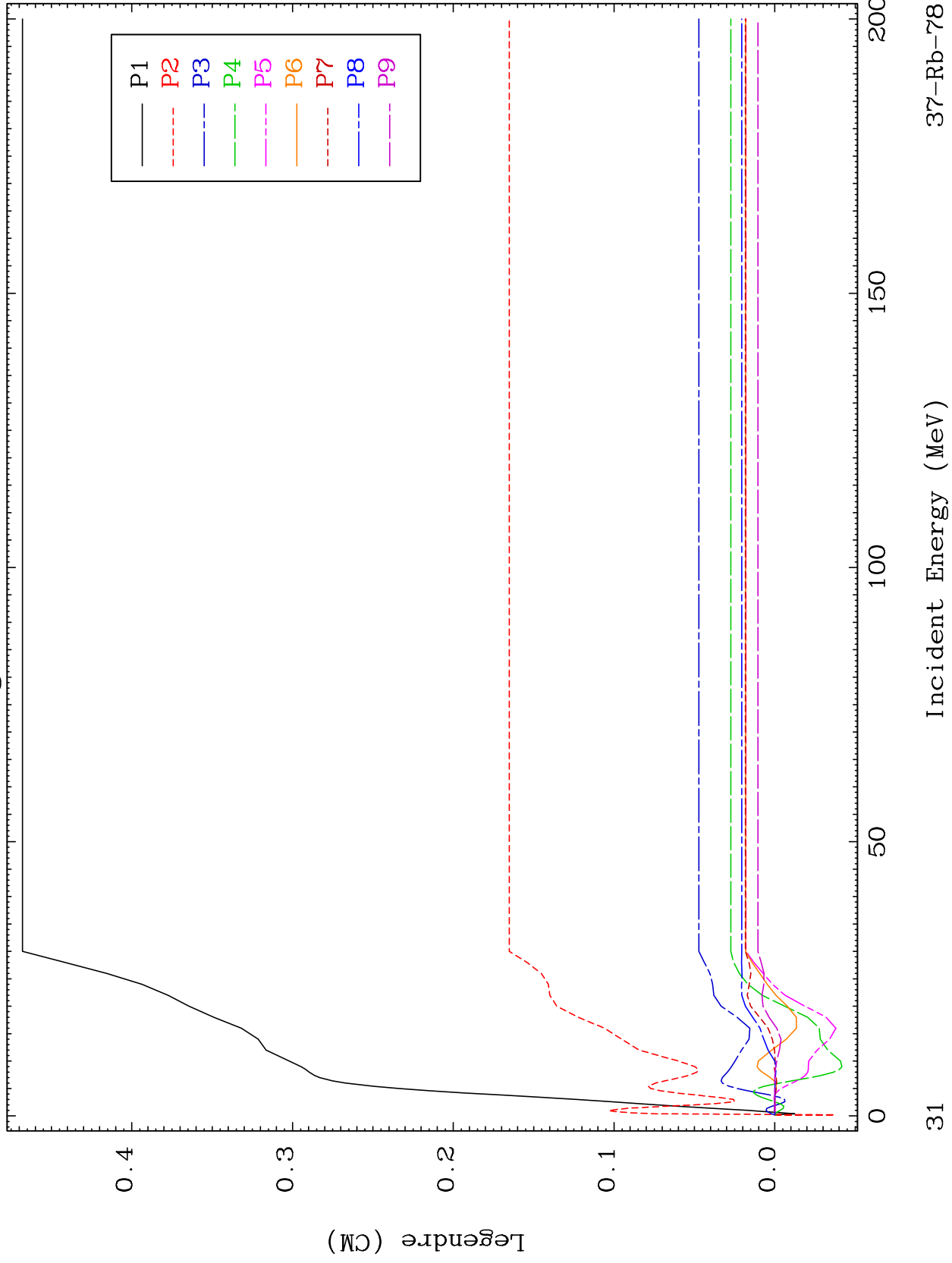
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

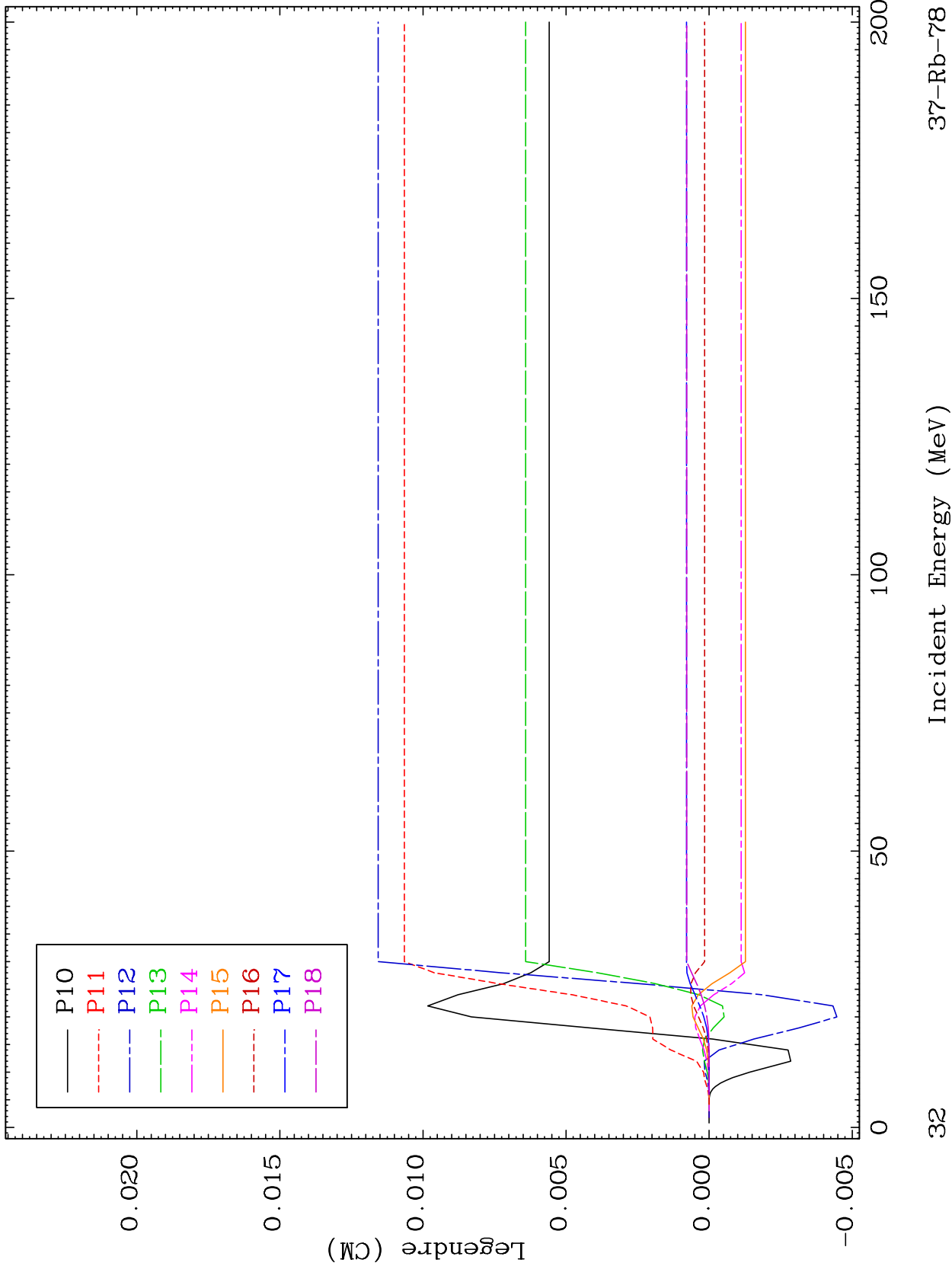
Incident Energy (MeV)

31

MAT 3704

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

37-Rb-78



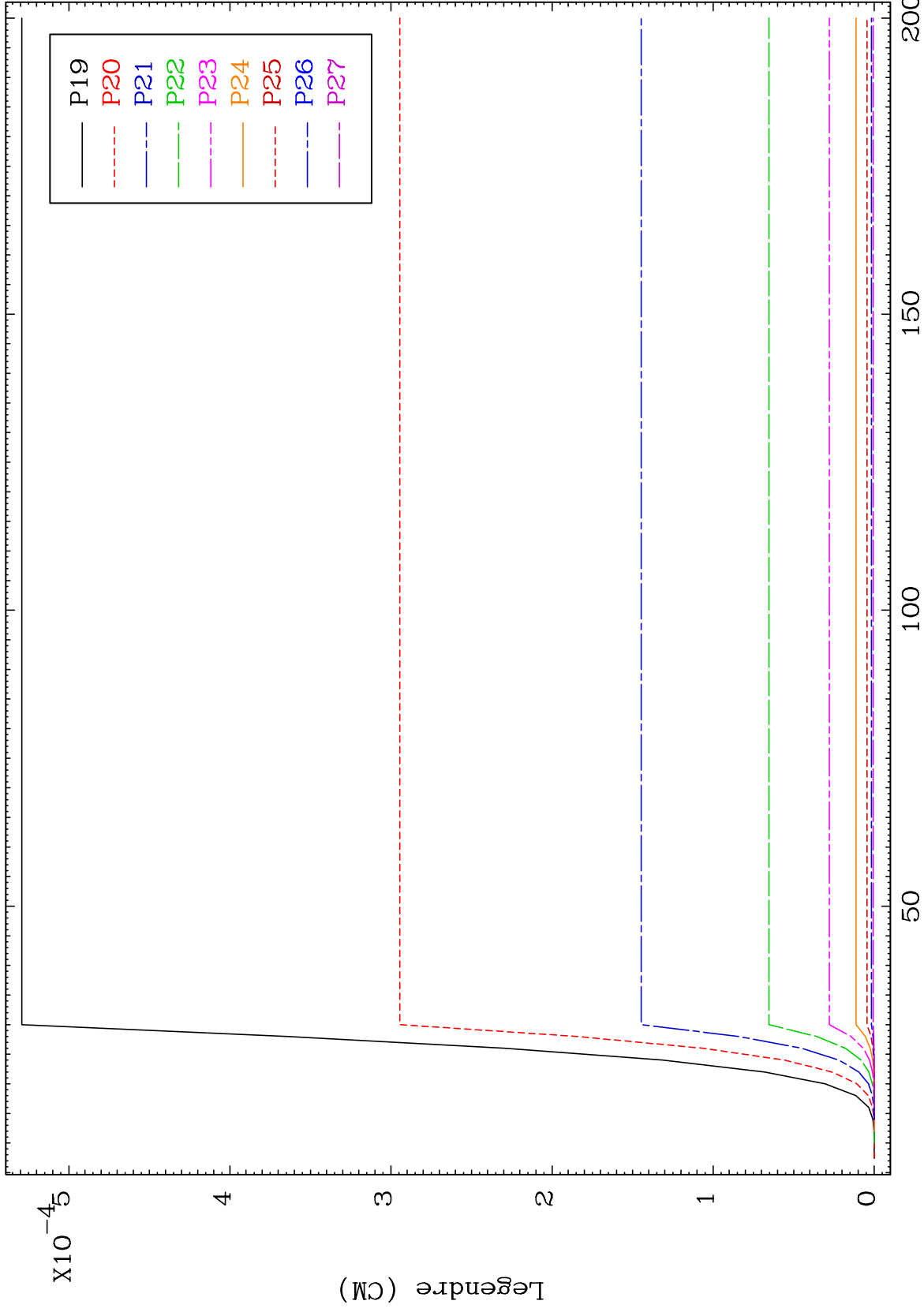
32

37-Rb-78

MAT 3704

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

37-Rb-78



33

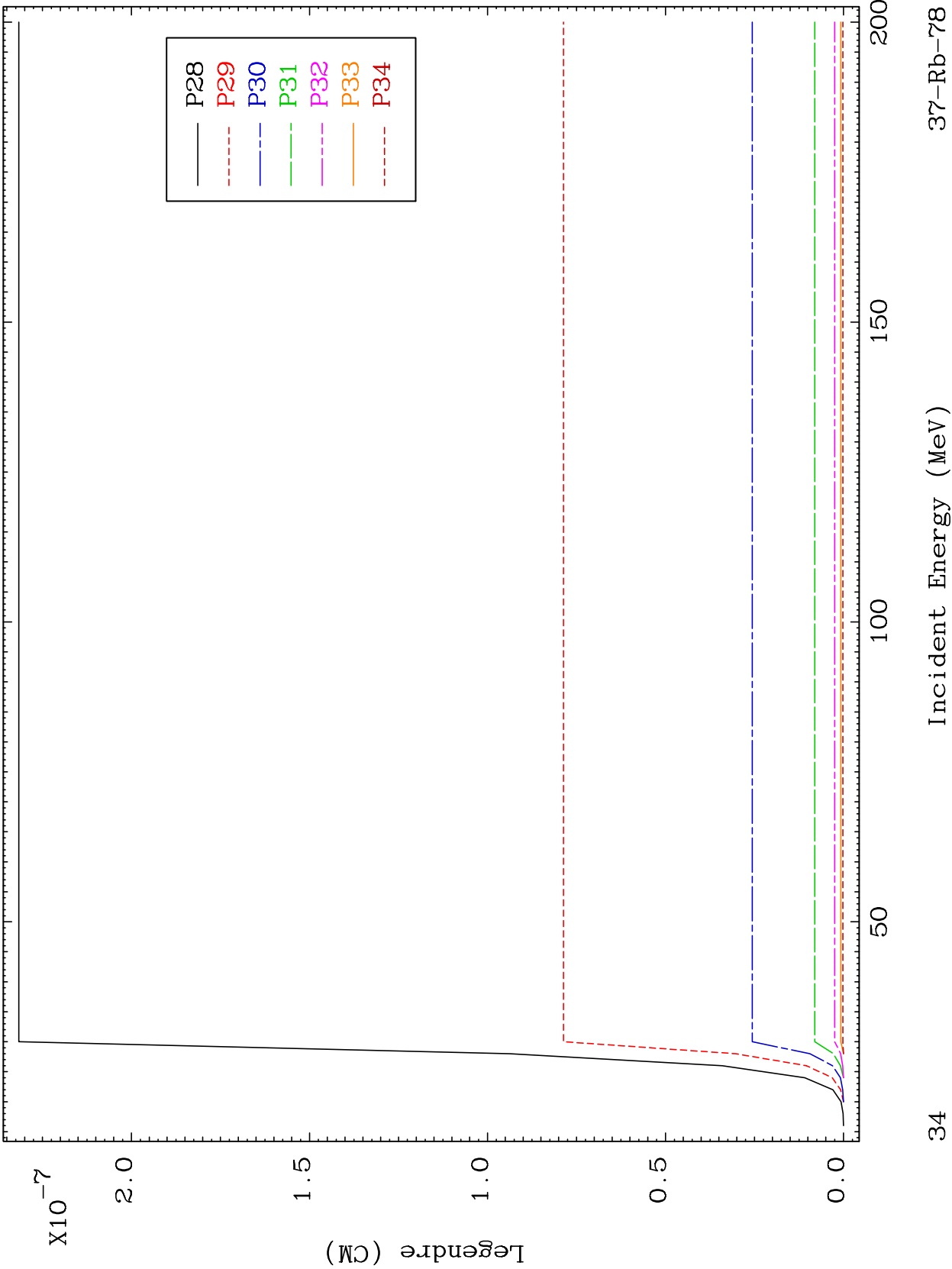
Incident Energy (MeV)

37-Rb-78

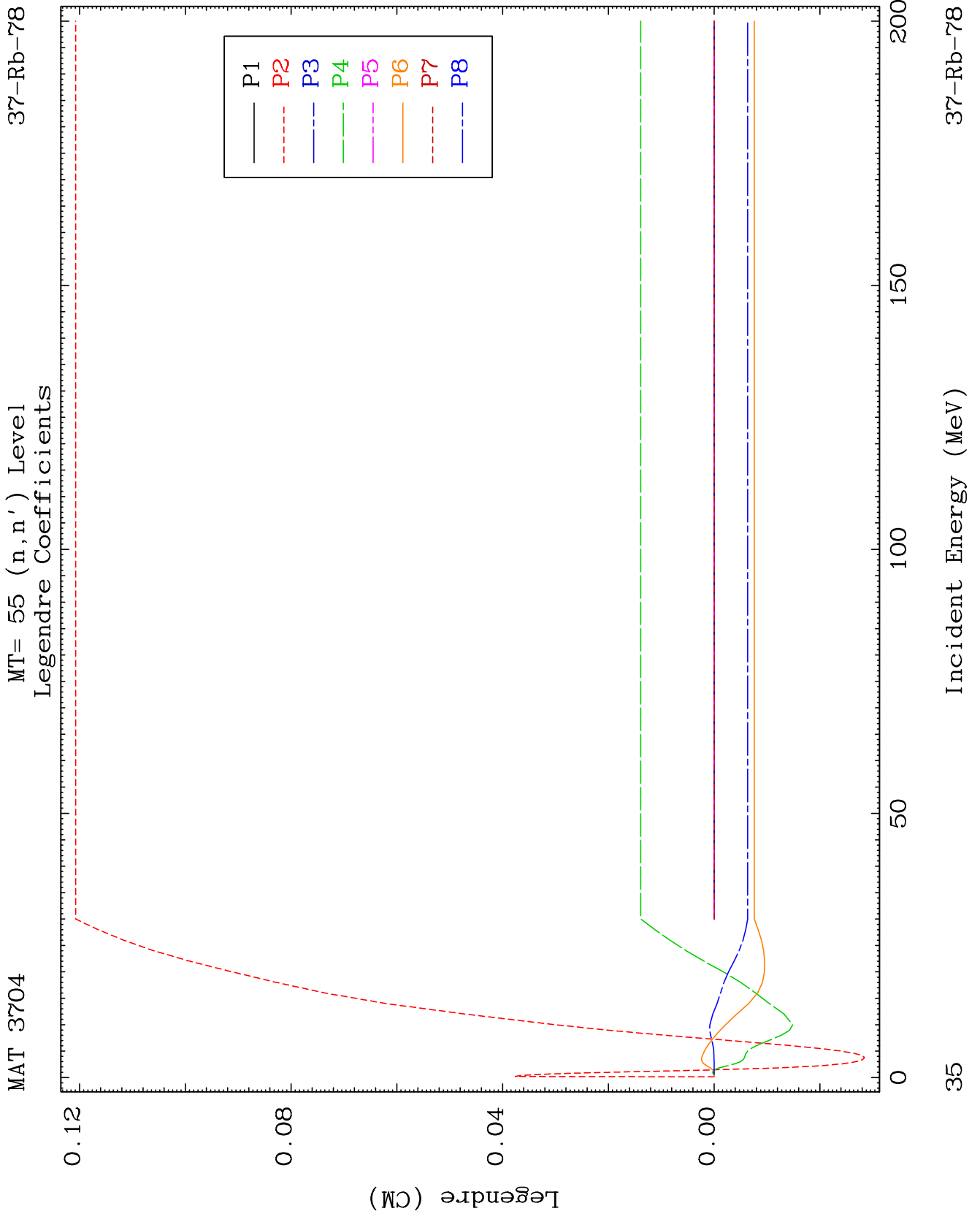
MAT 3704

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

37-Rb-78



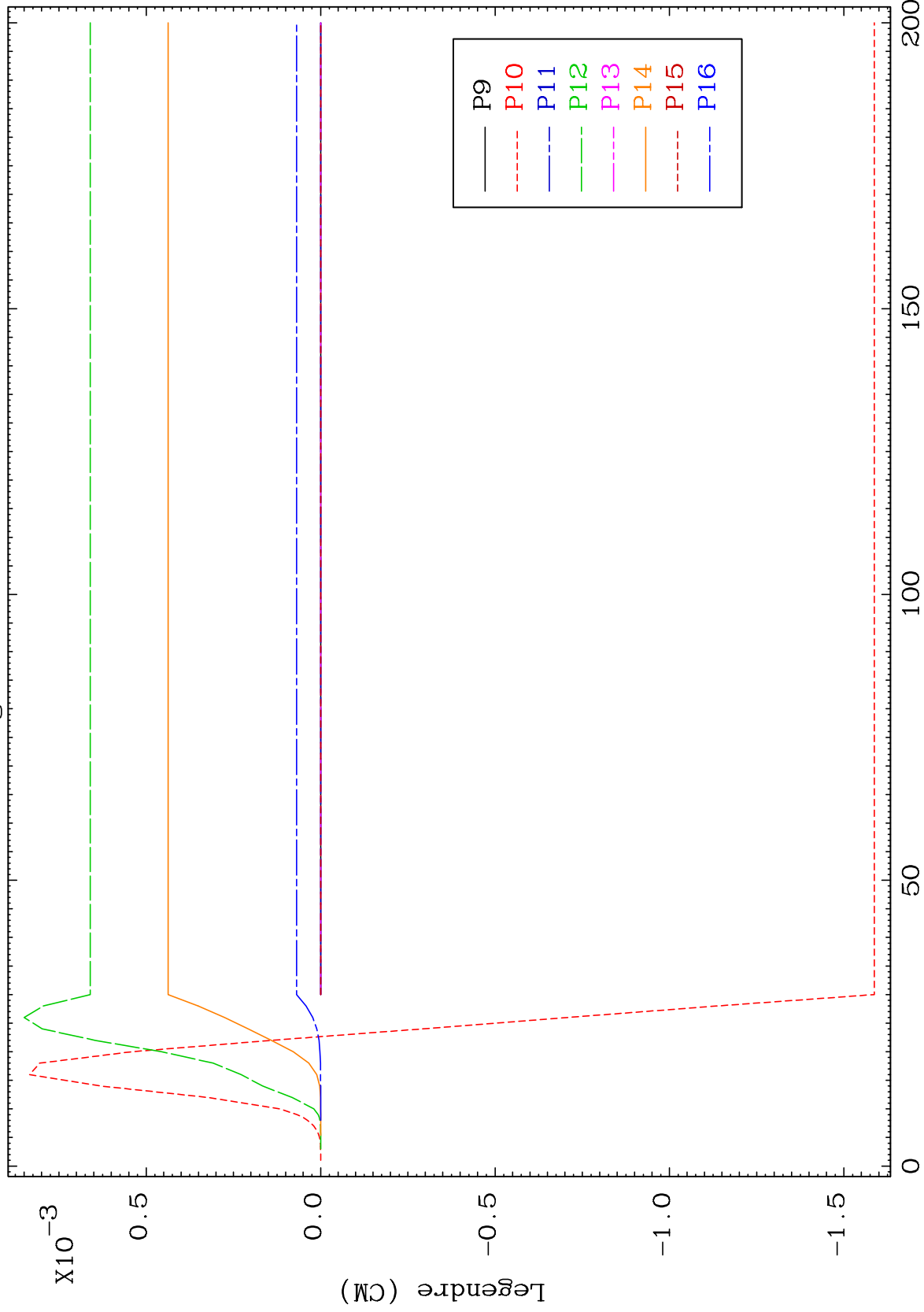
34



MAT 3704

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

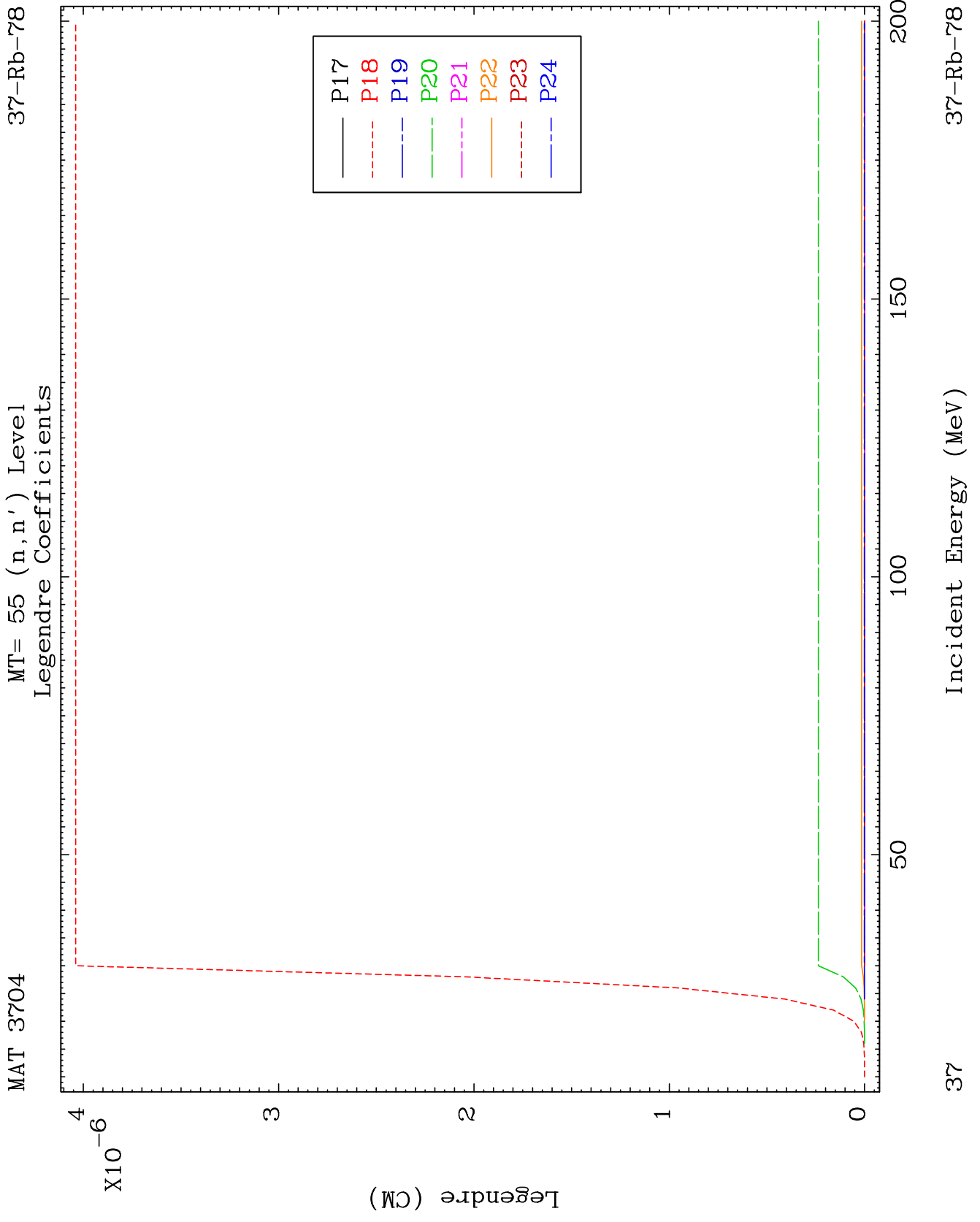
37-Rb-78



36

Incident Energy (MeV)

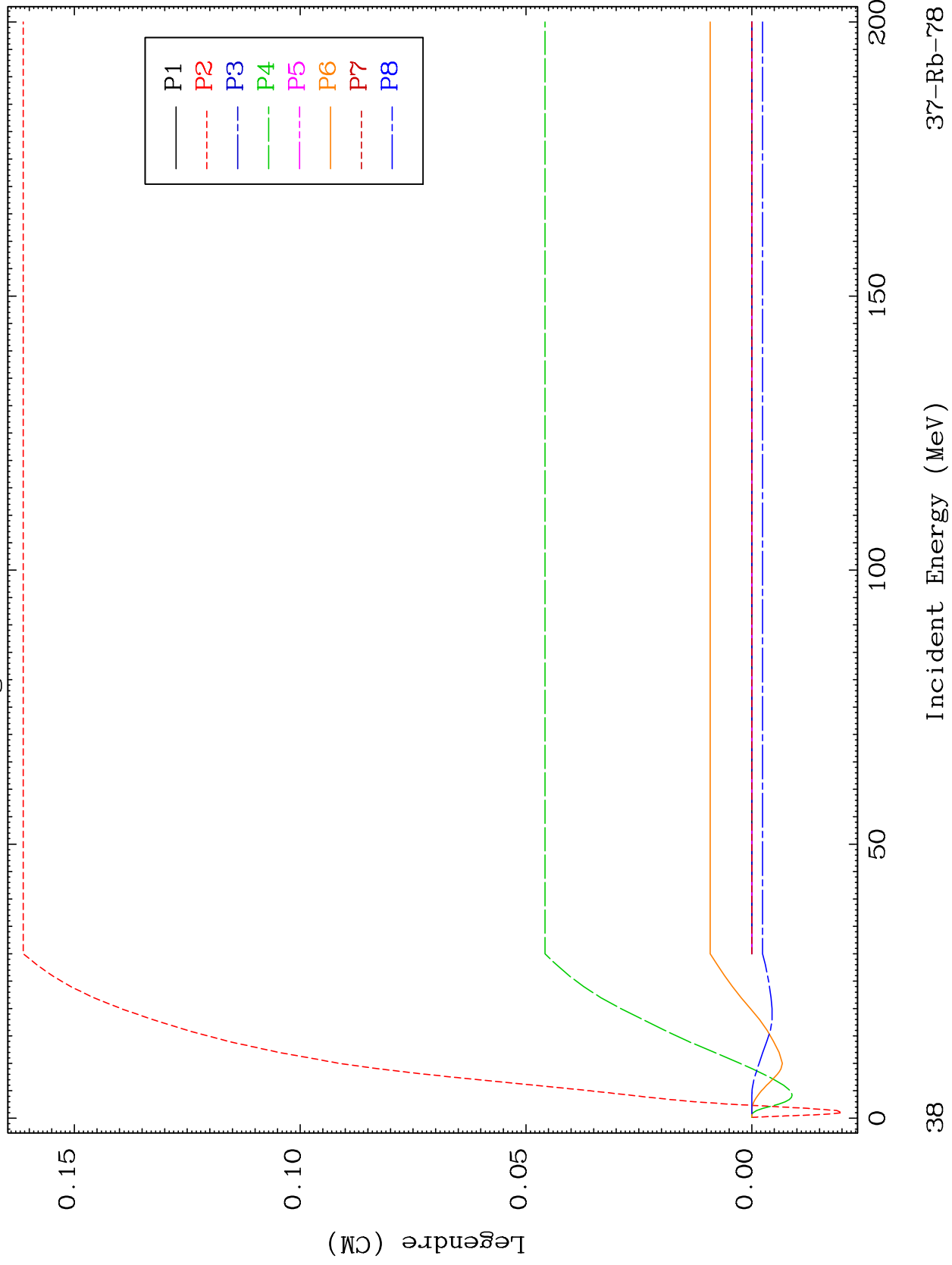
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

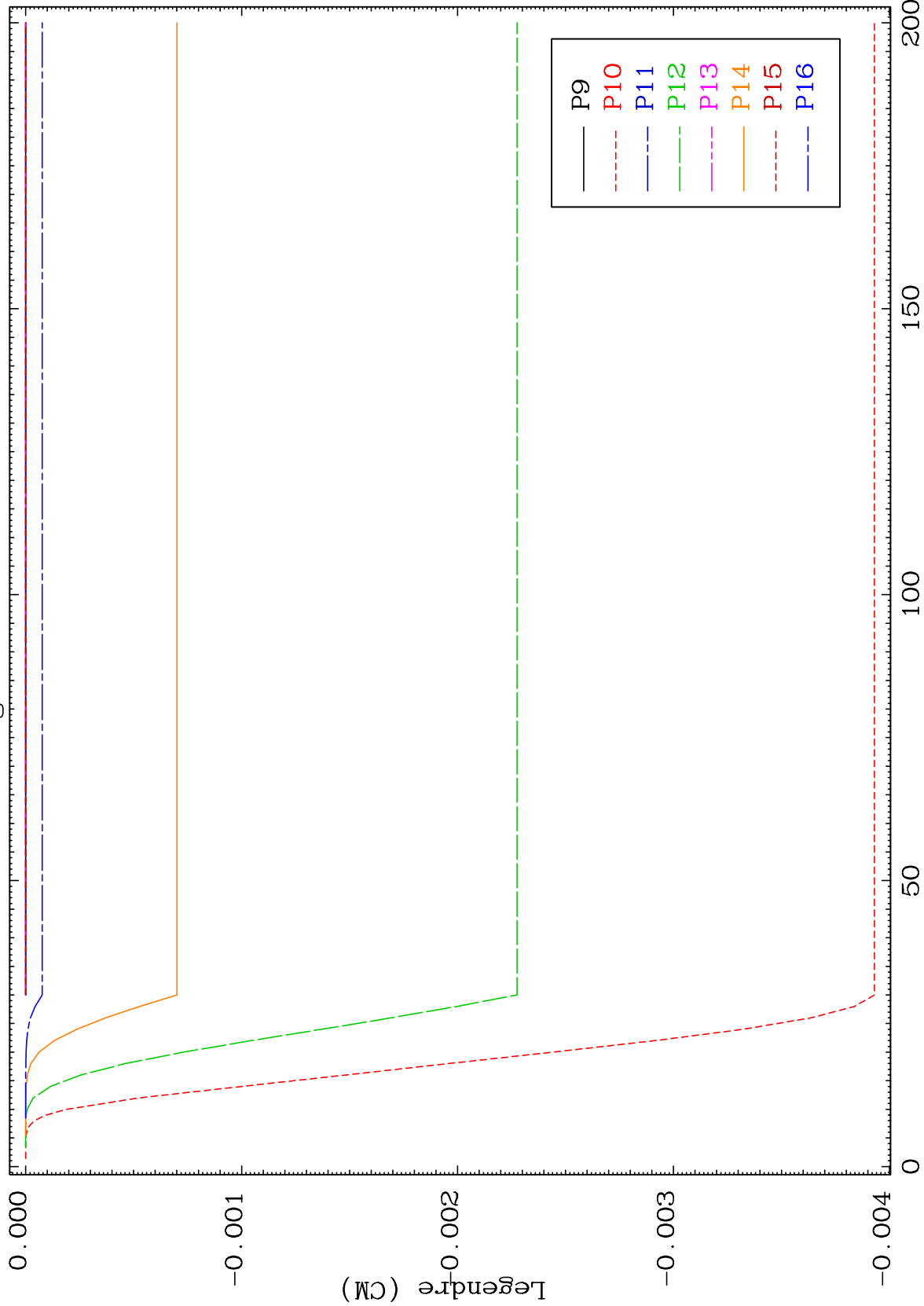
Incident Energy (MeV)

38

MAT 3704

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

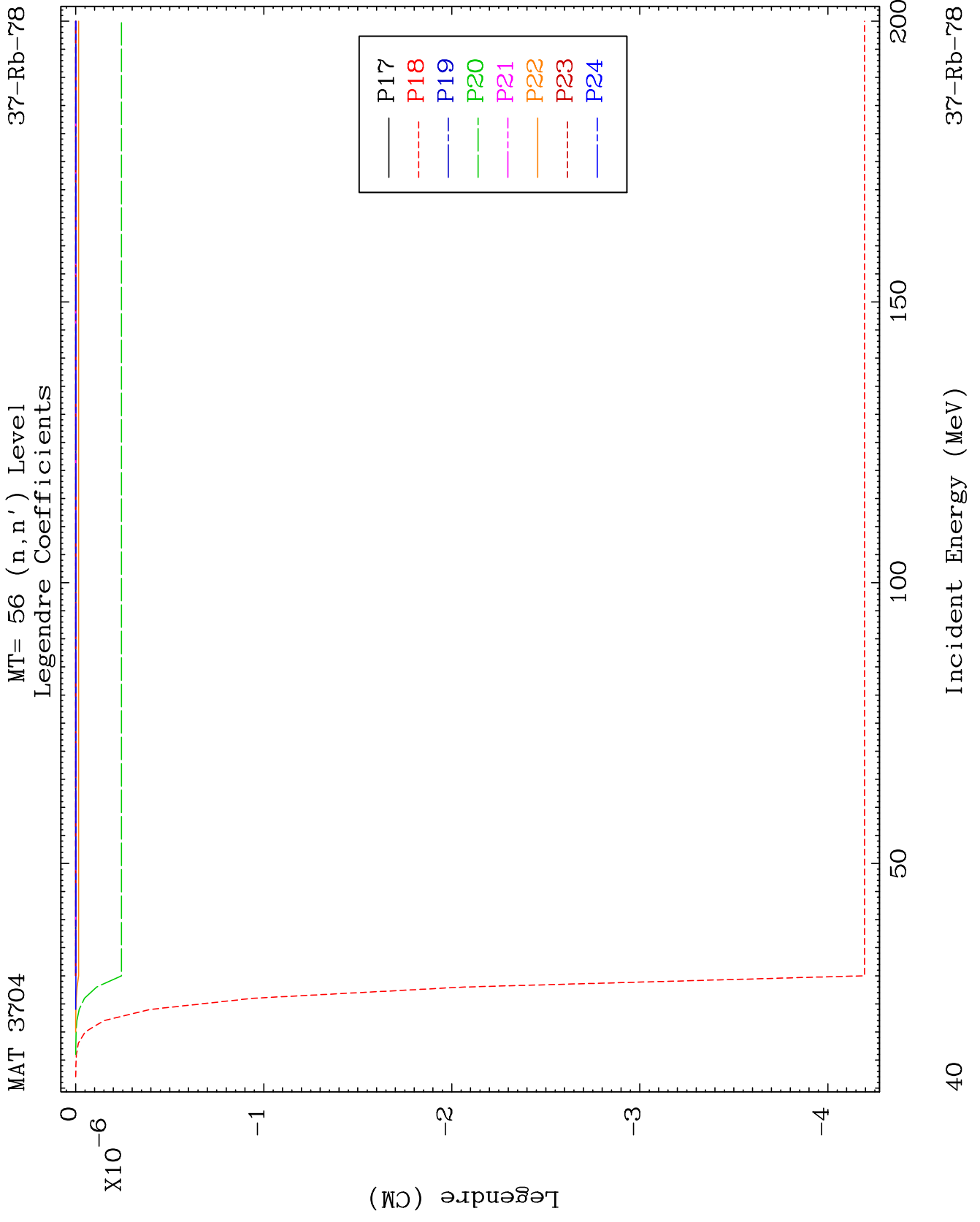
37-Rb-78



39

Incident Energy (MeV)

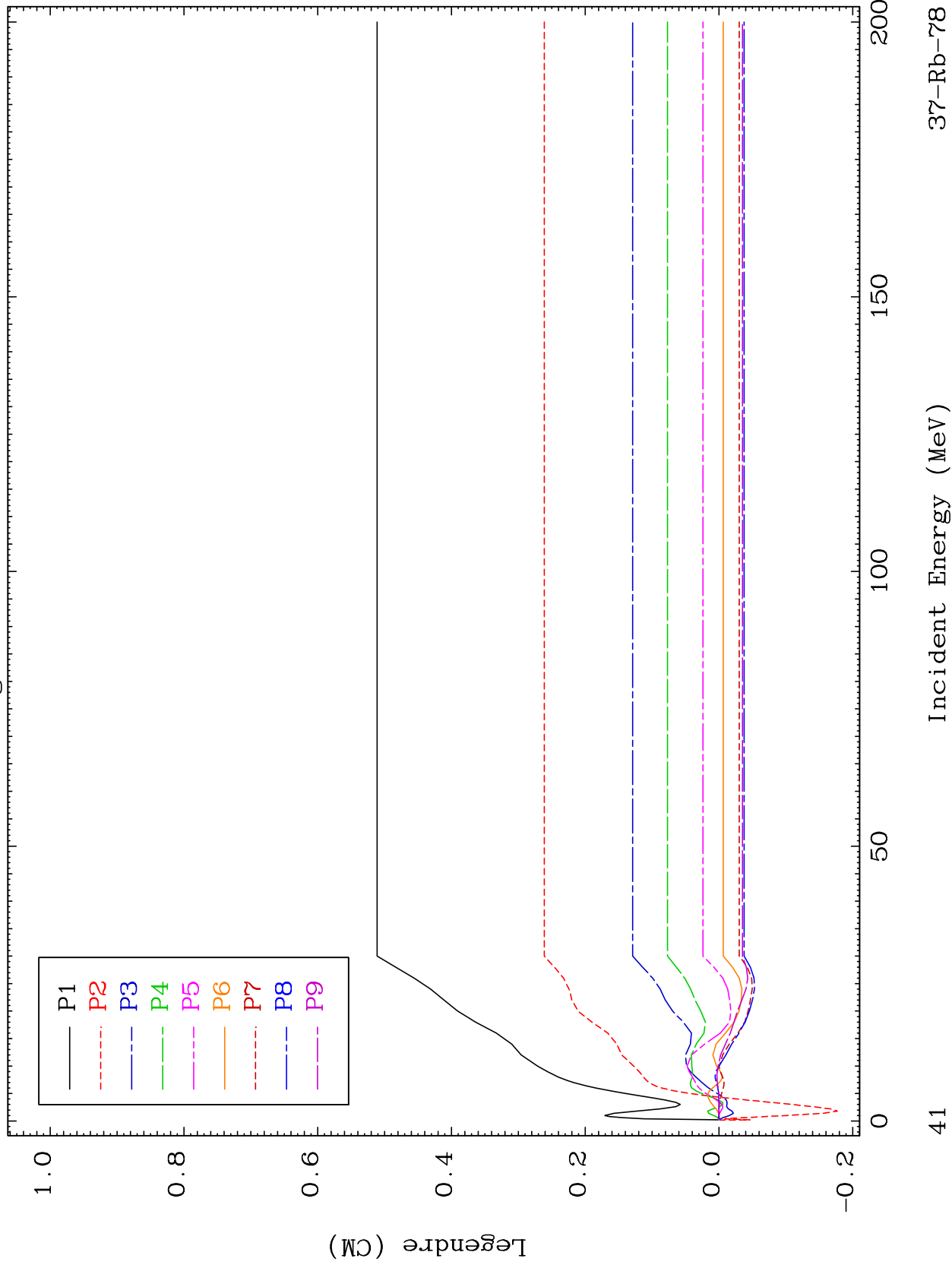
37-Rb-78



MAT 3704

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

37-Rb-78



41

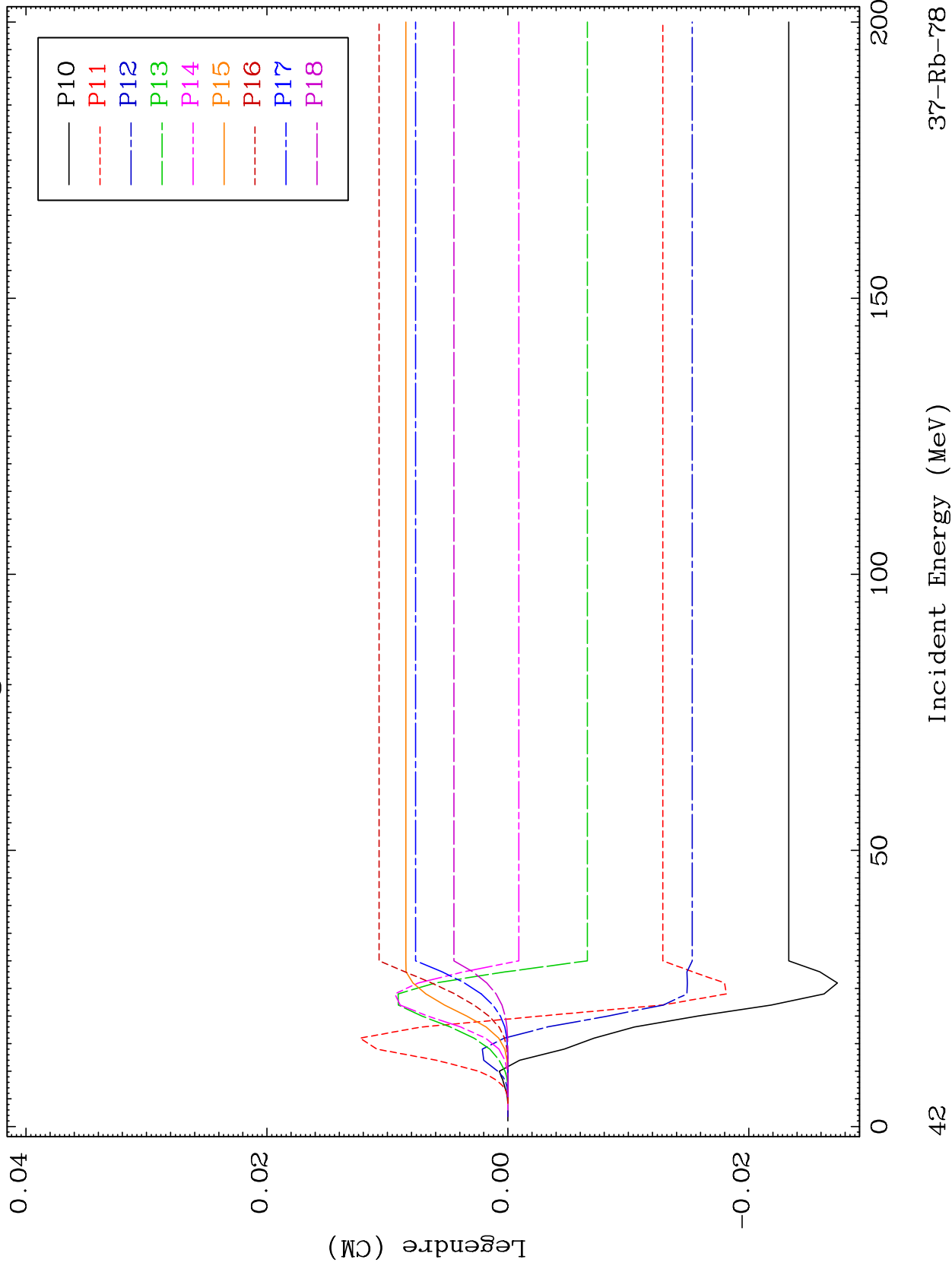
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

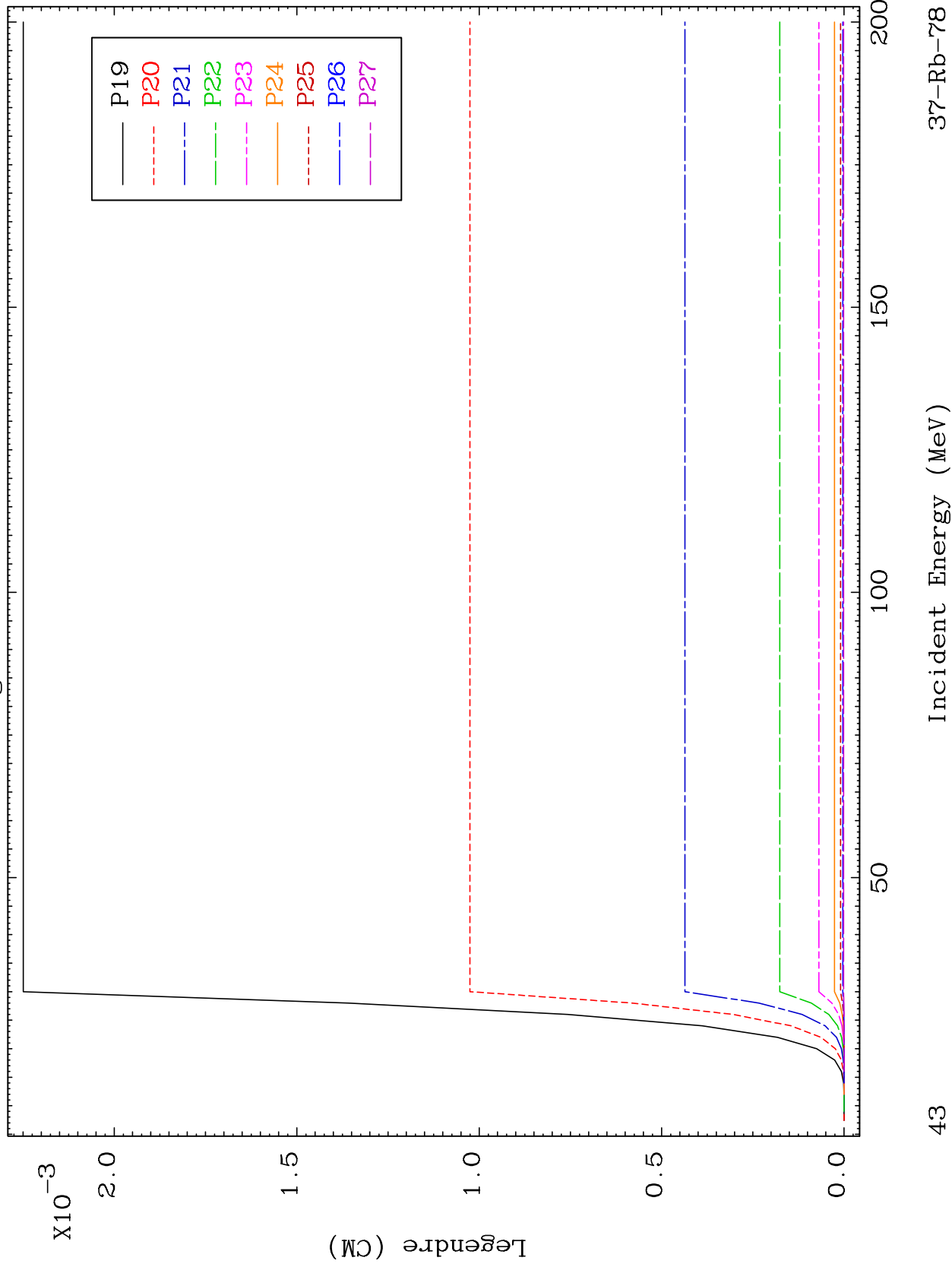
Incident Energy (MeV)

42

MAT 3704

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

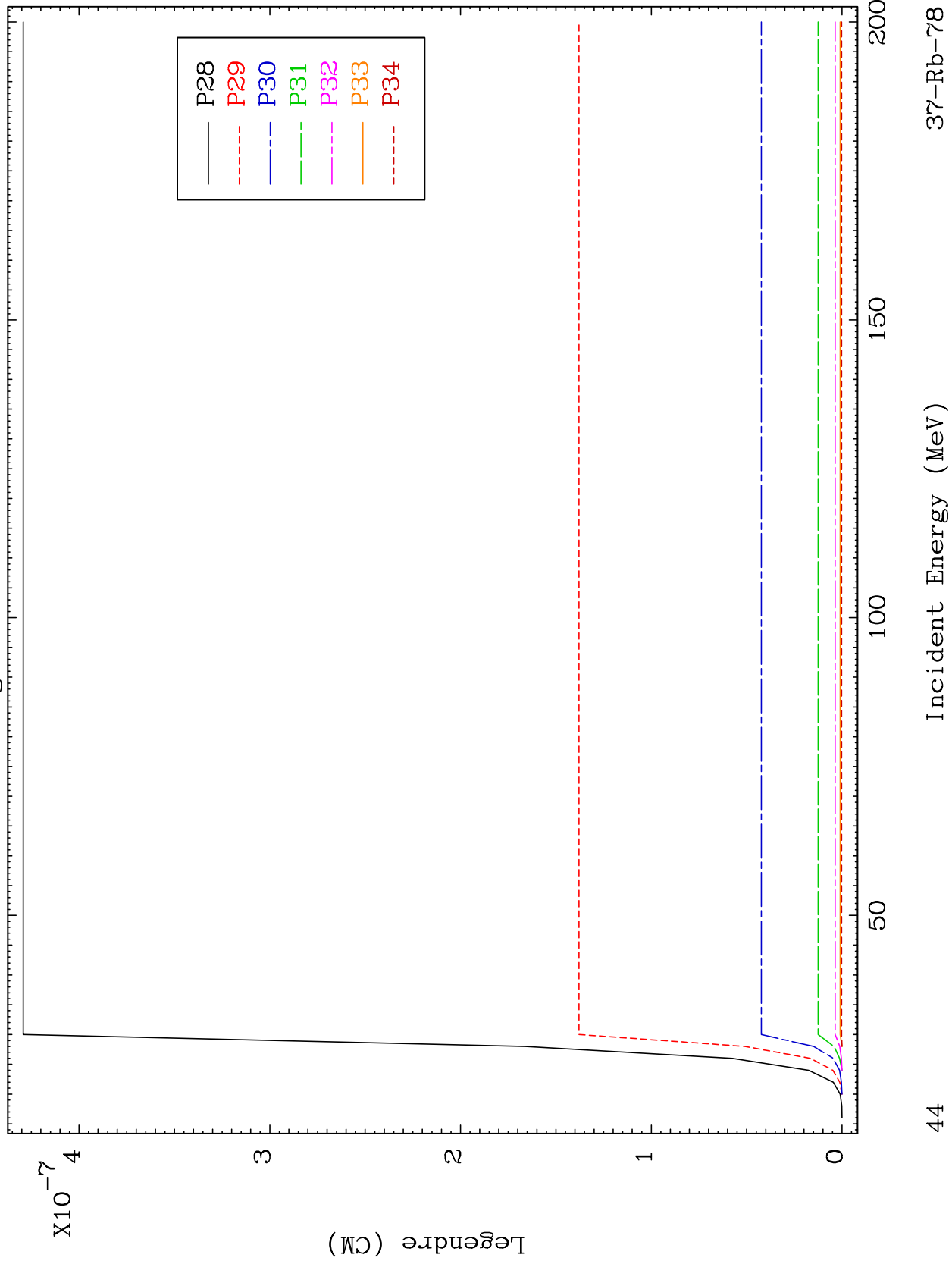
37-Rb-78



MAT 3704

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

37-Rb-78



44

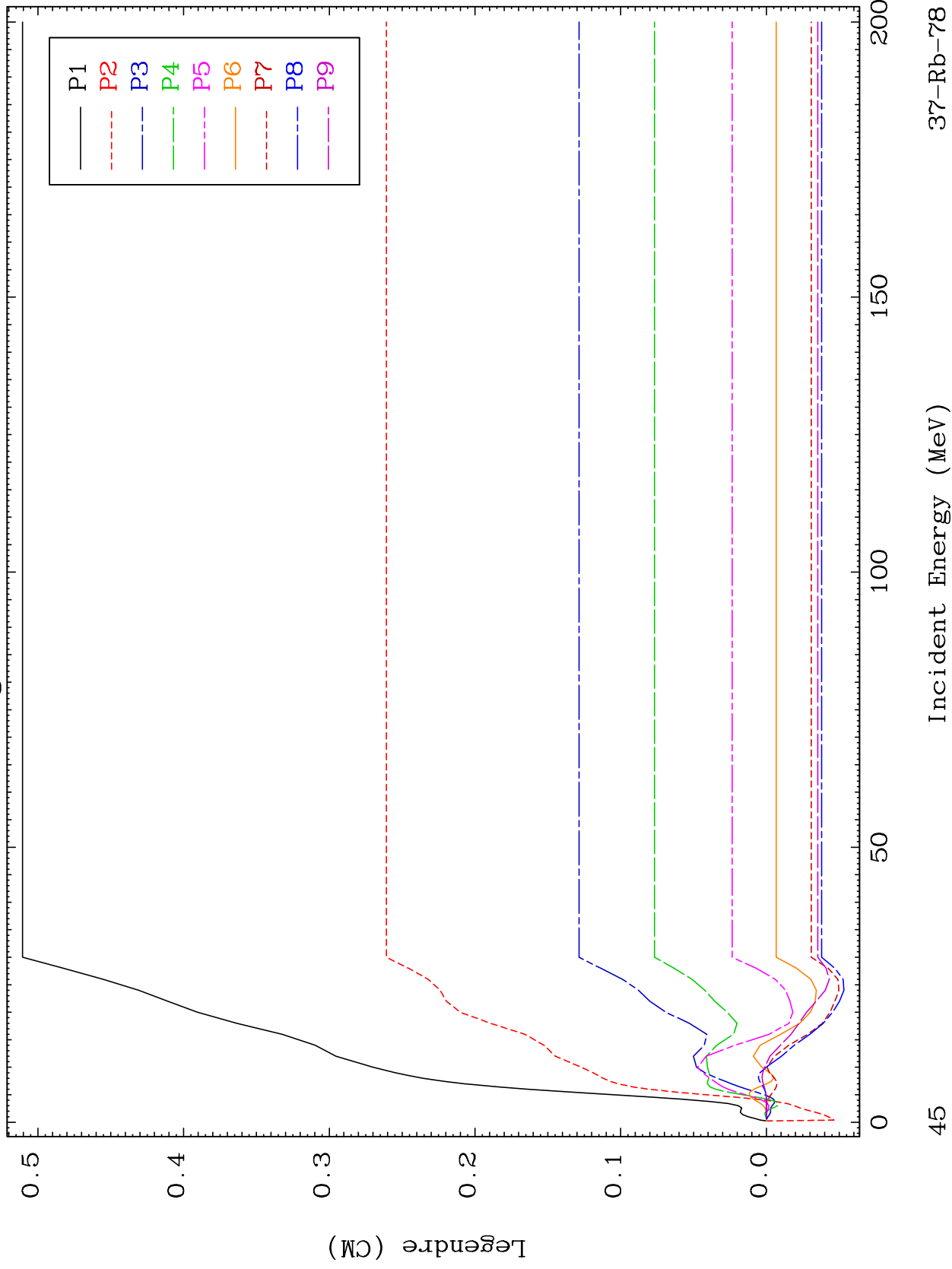
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

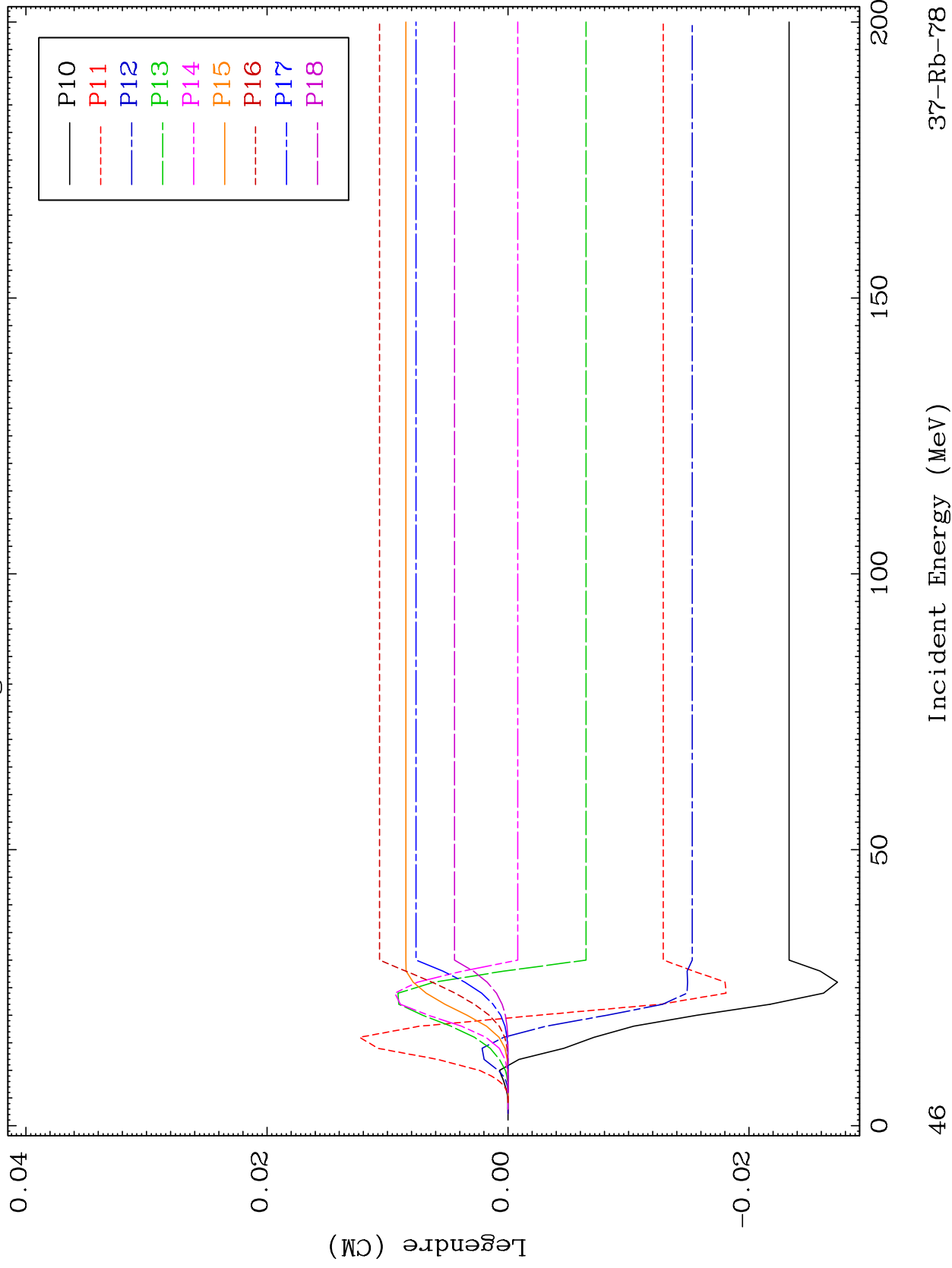
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

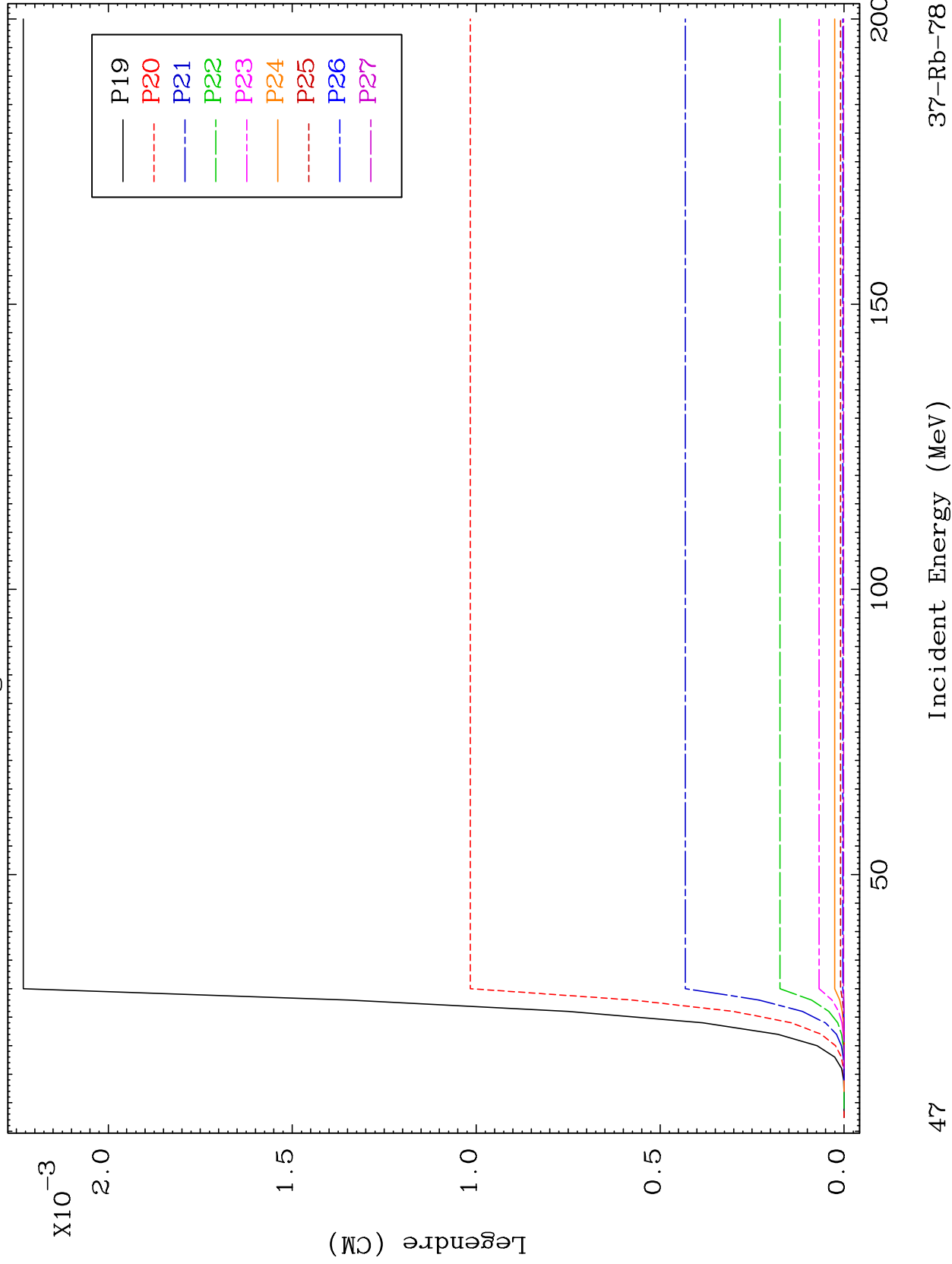
Incident Energy (MeV)

46

MAT 3704

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

37-Rb-78



47

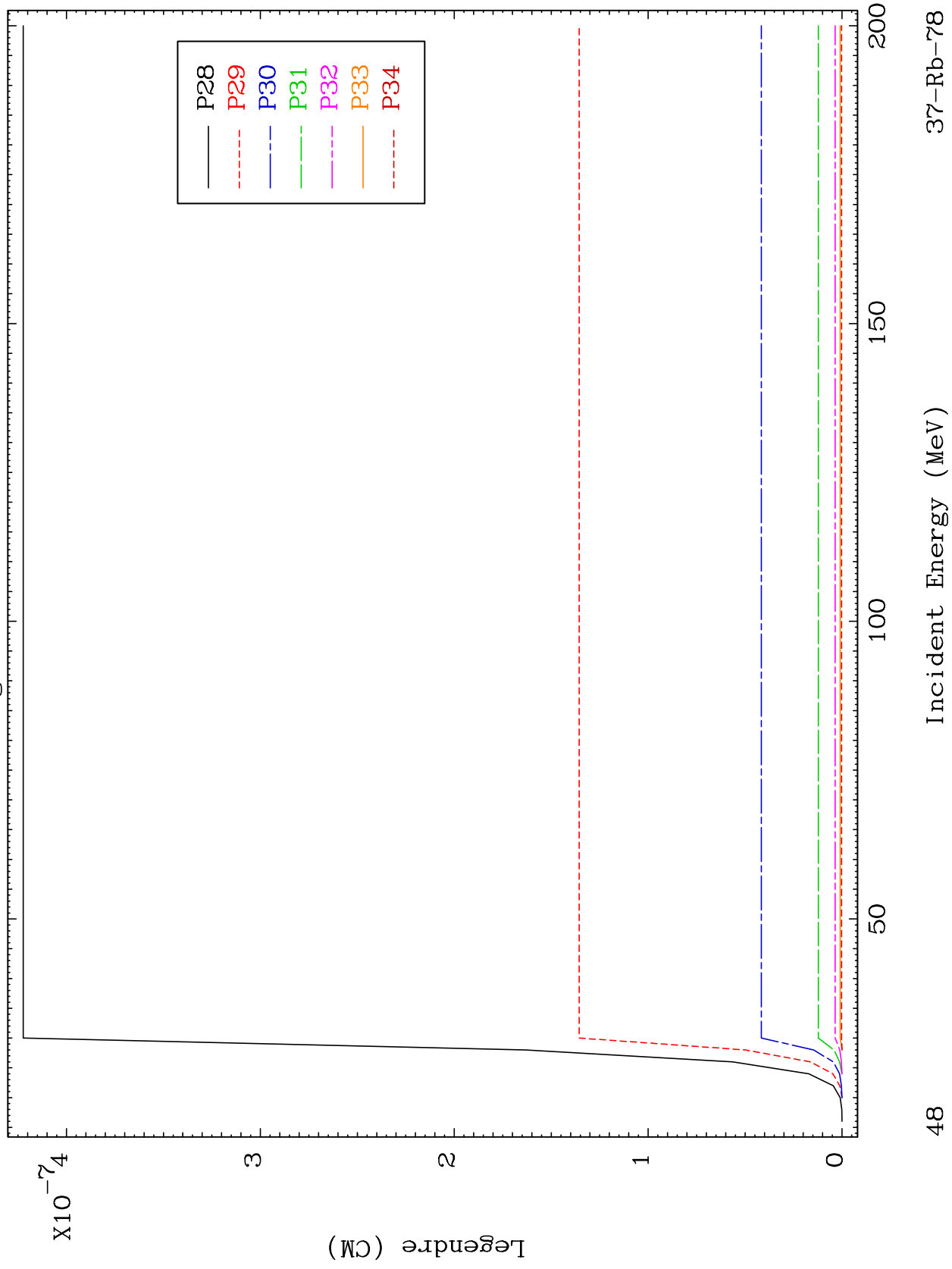
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

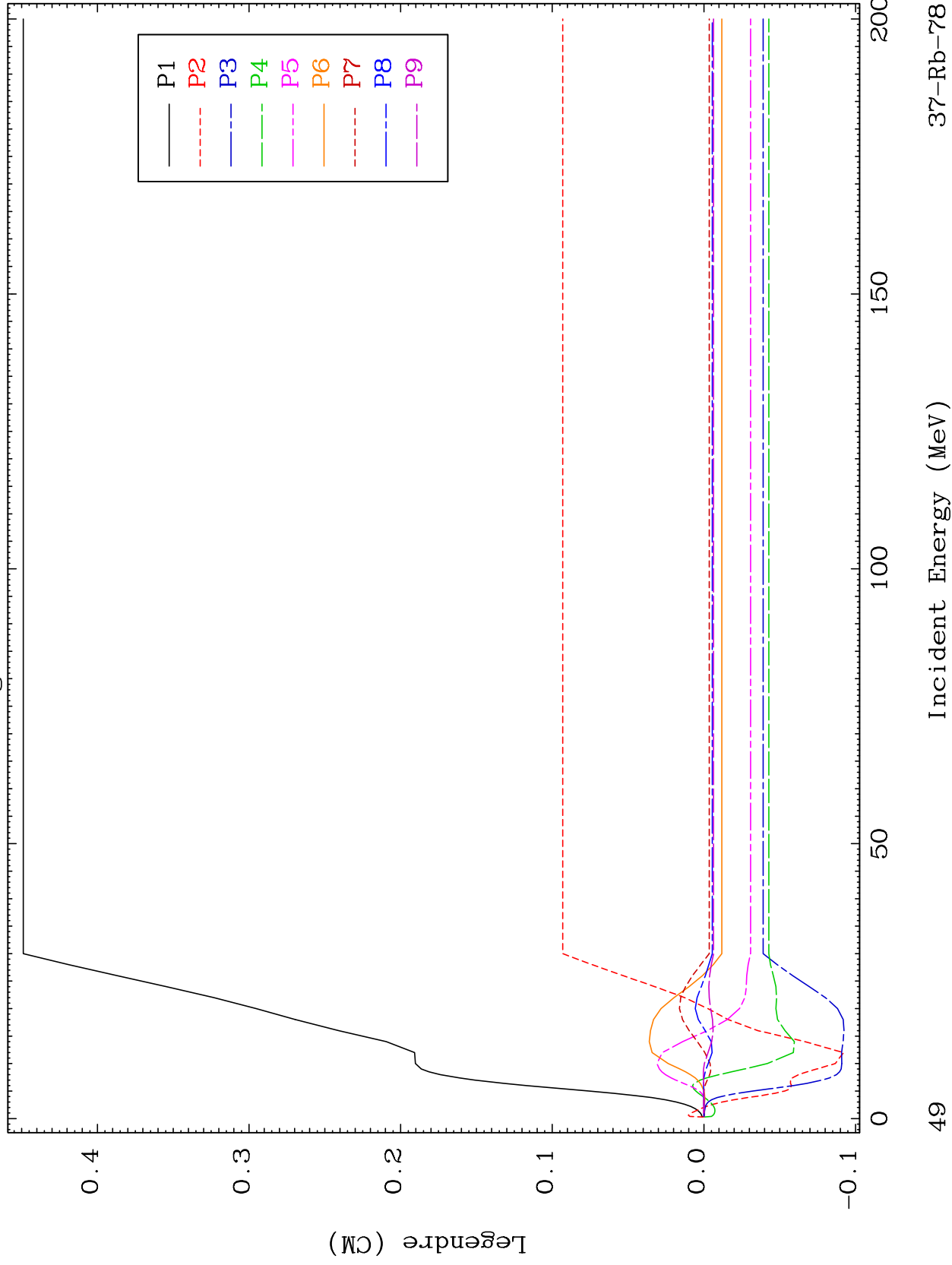
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

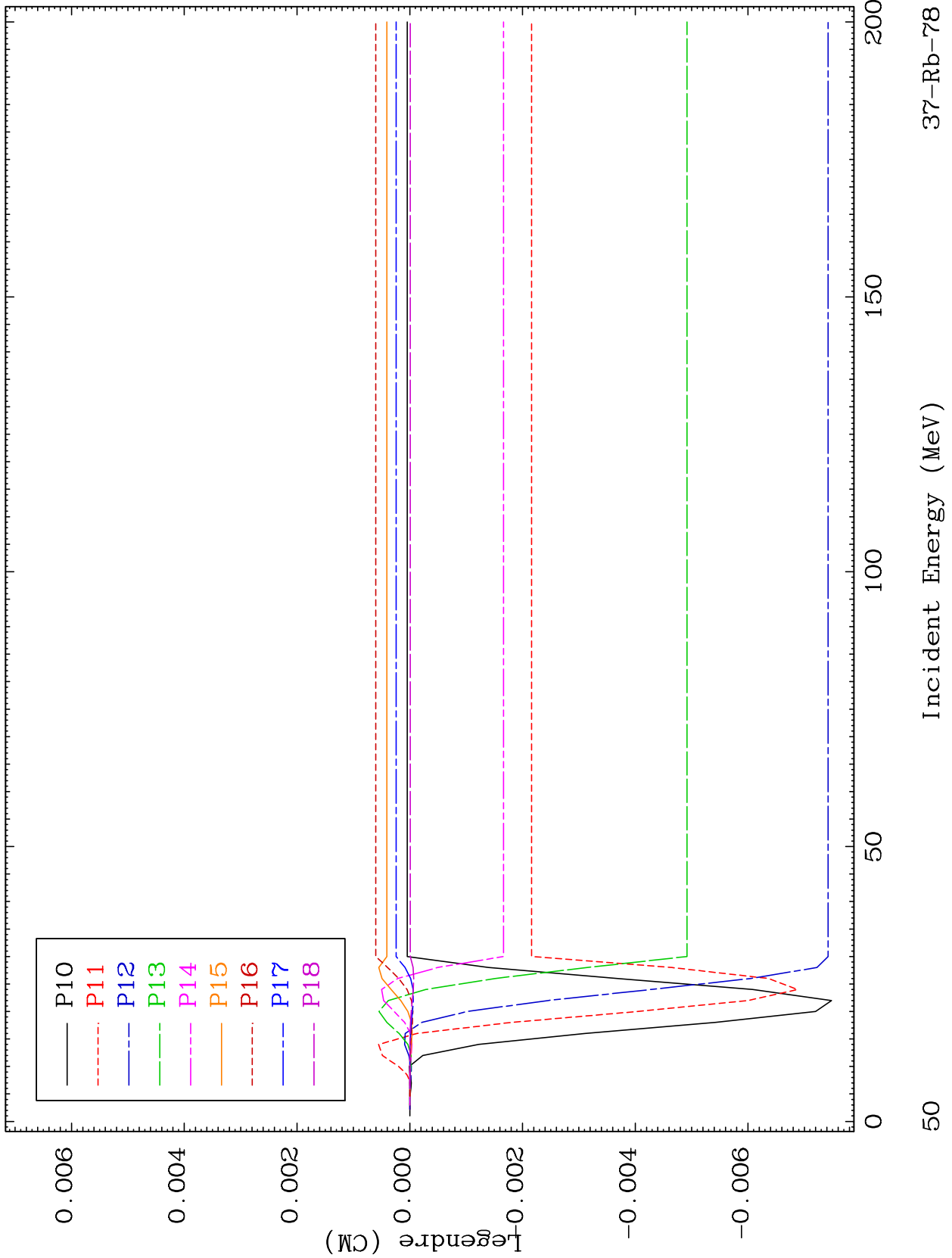
Incident Energy (MeV)

49

MAT 3704

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

37-Rb-78



37-Rb-78

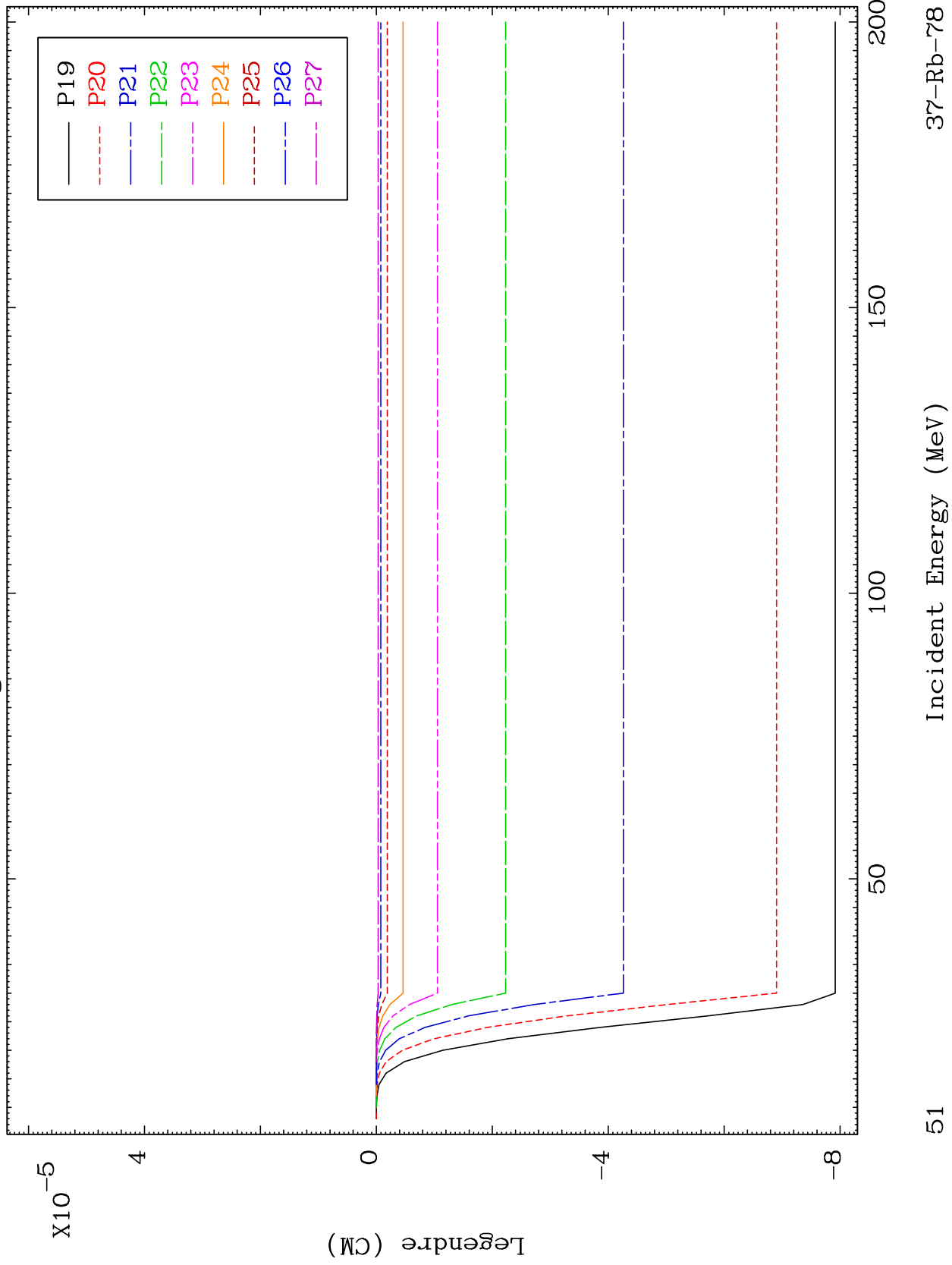
Incident Energy (MeV)

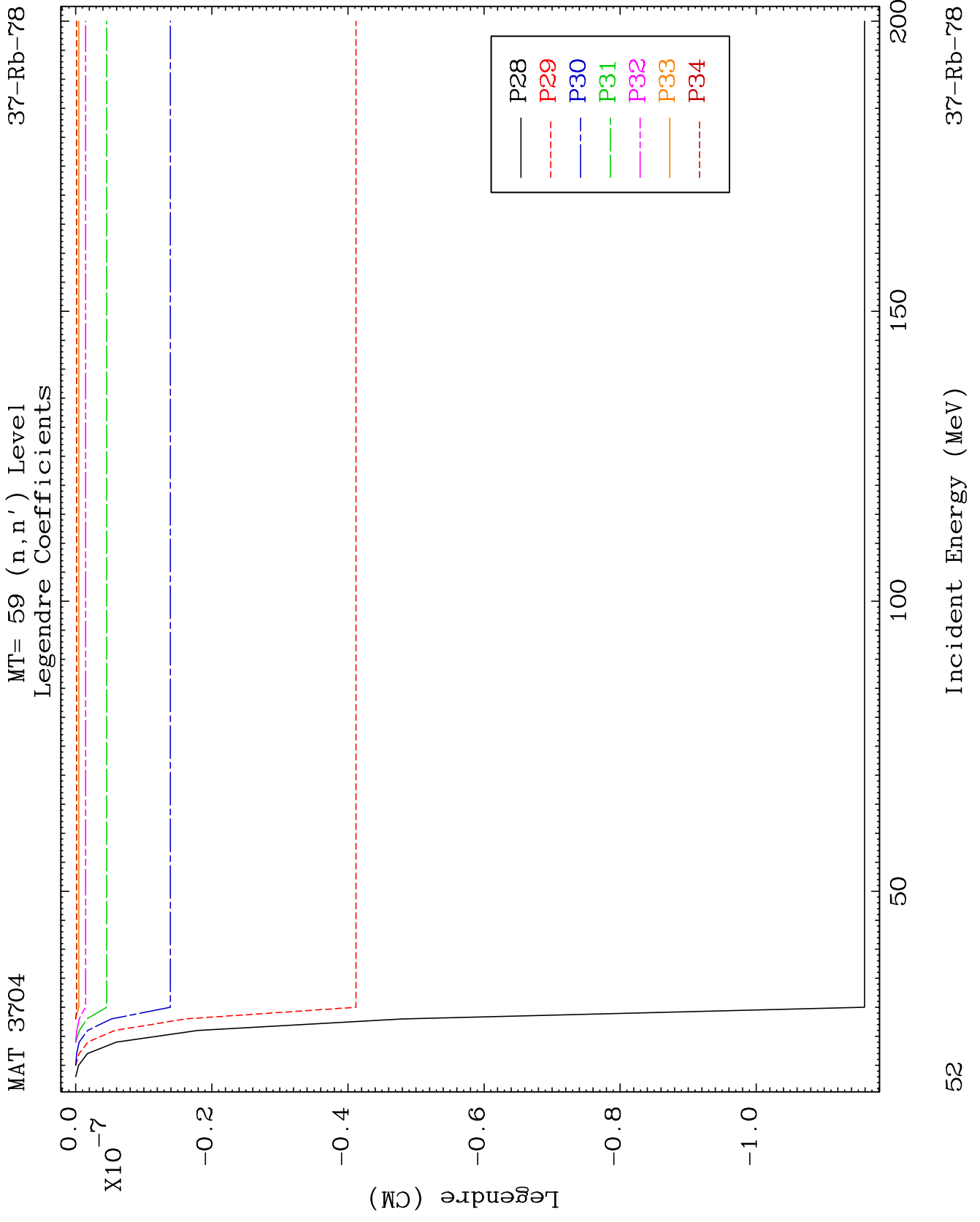
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MAT 3704

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

37-Rb-78

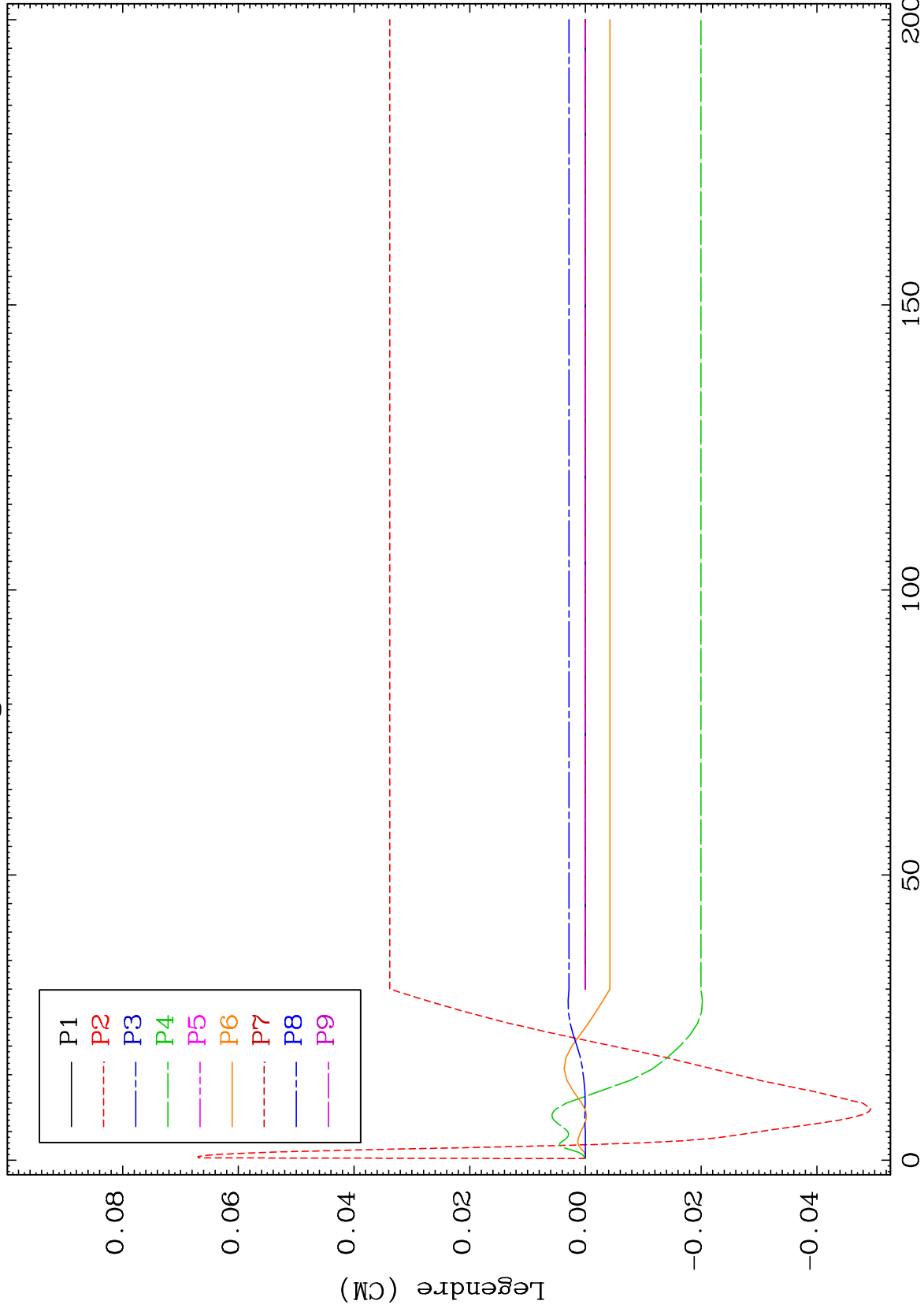




MAT 3704

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

37-Rb-78



53

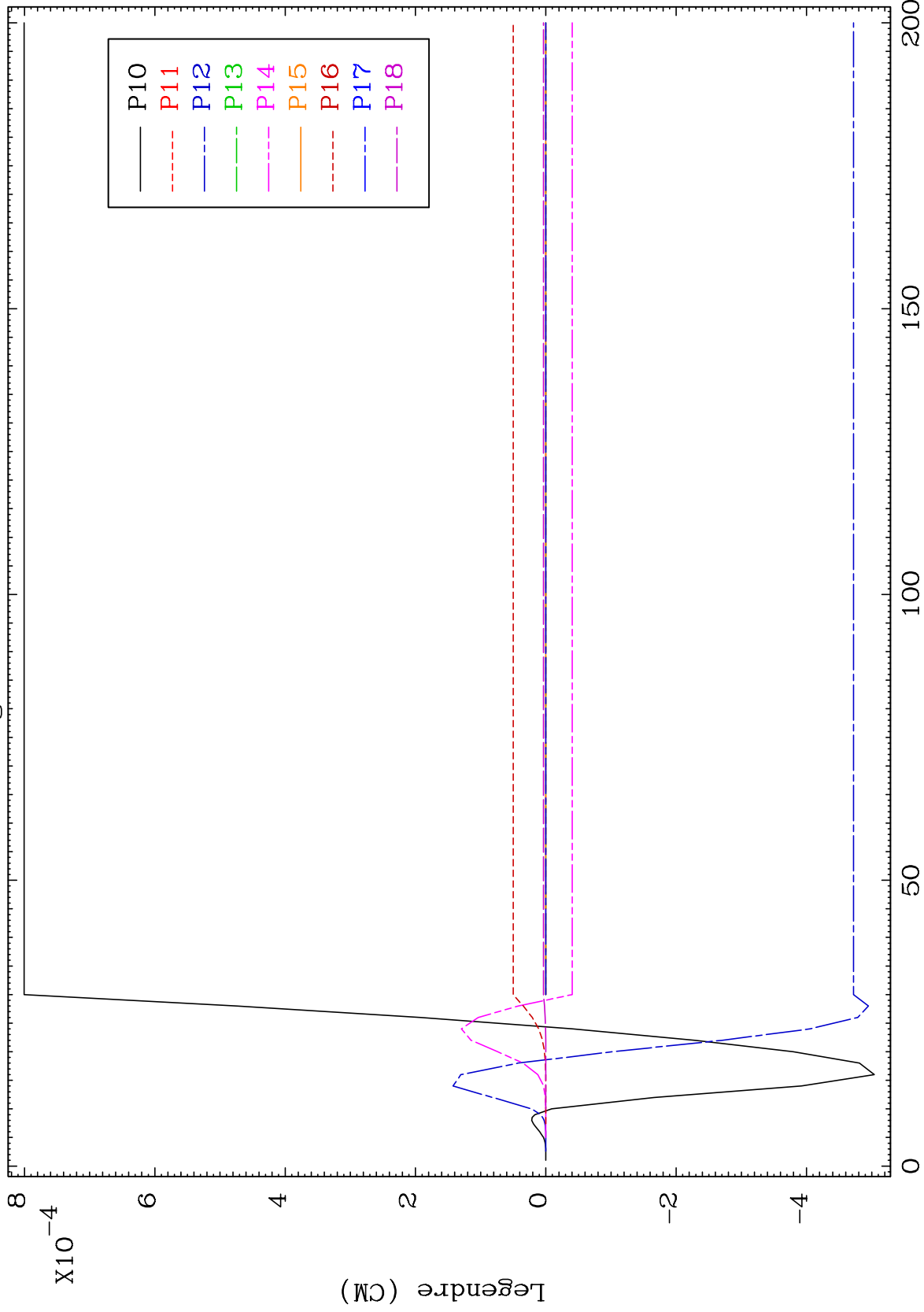
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



54

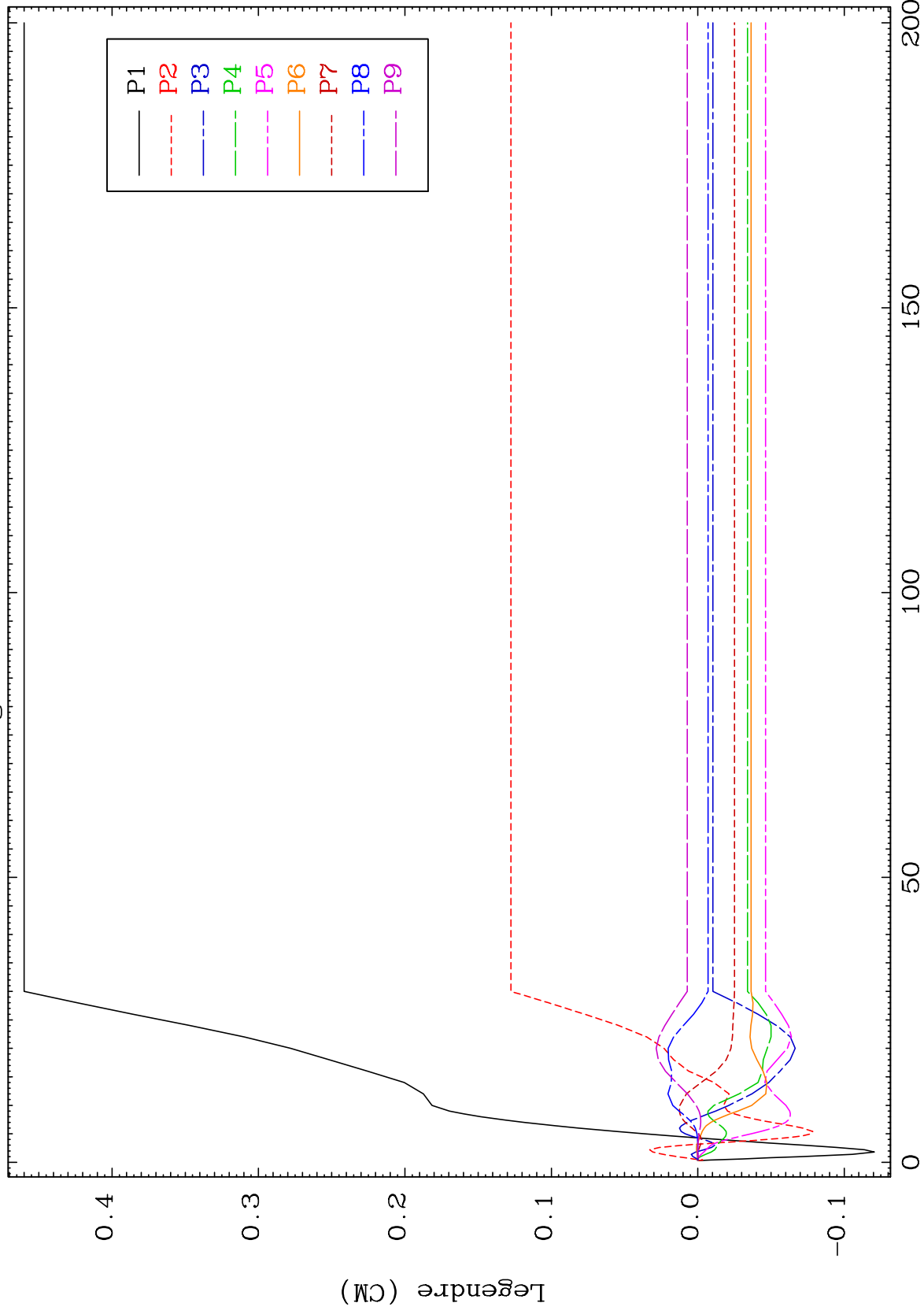
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

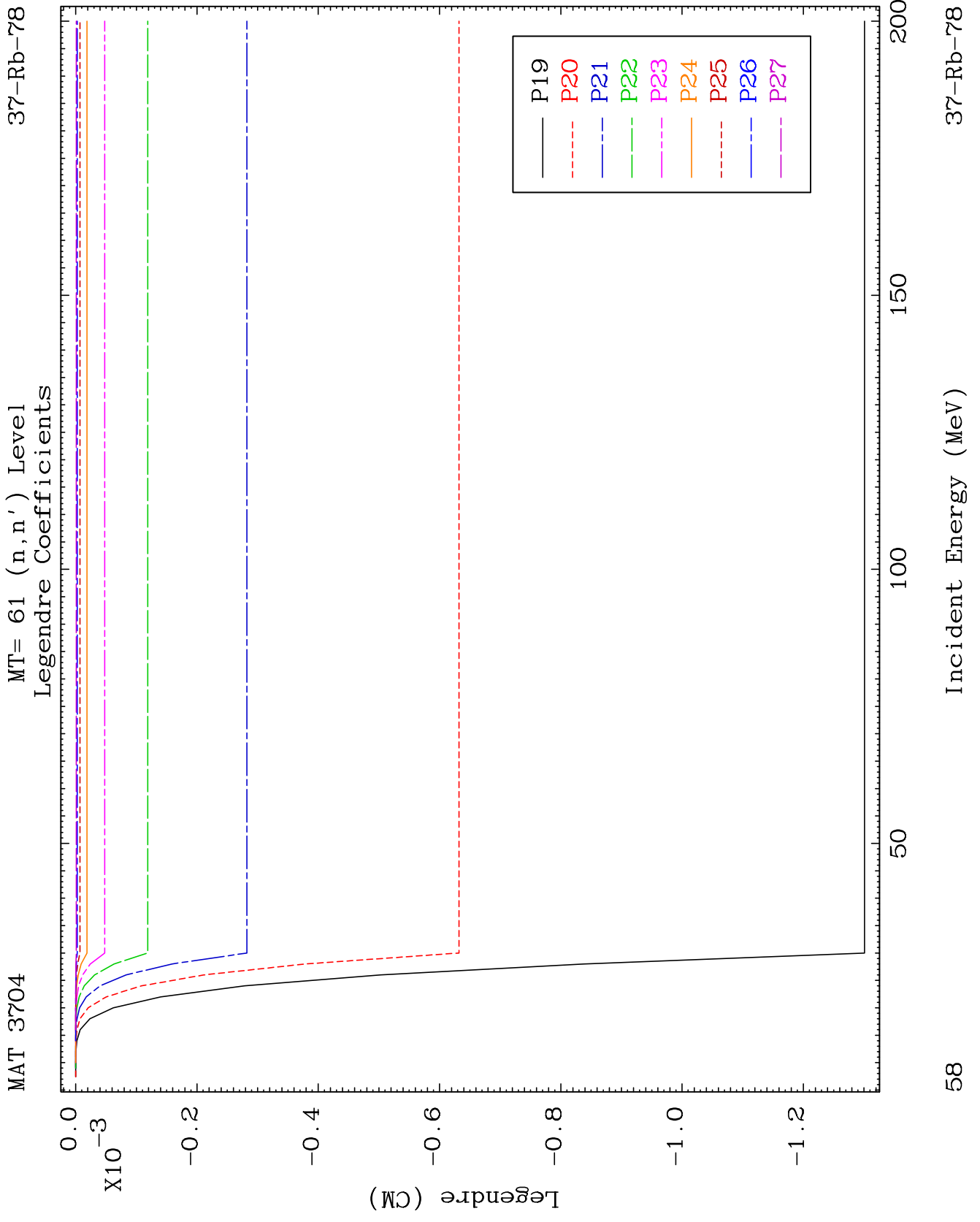
37-Rb-78

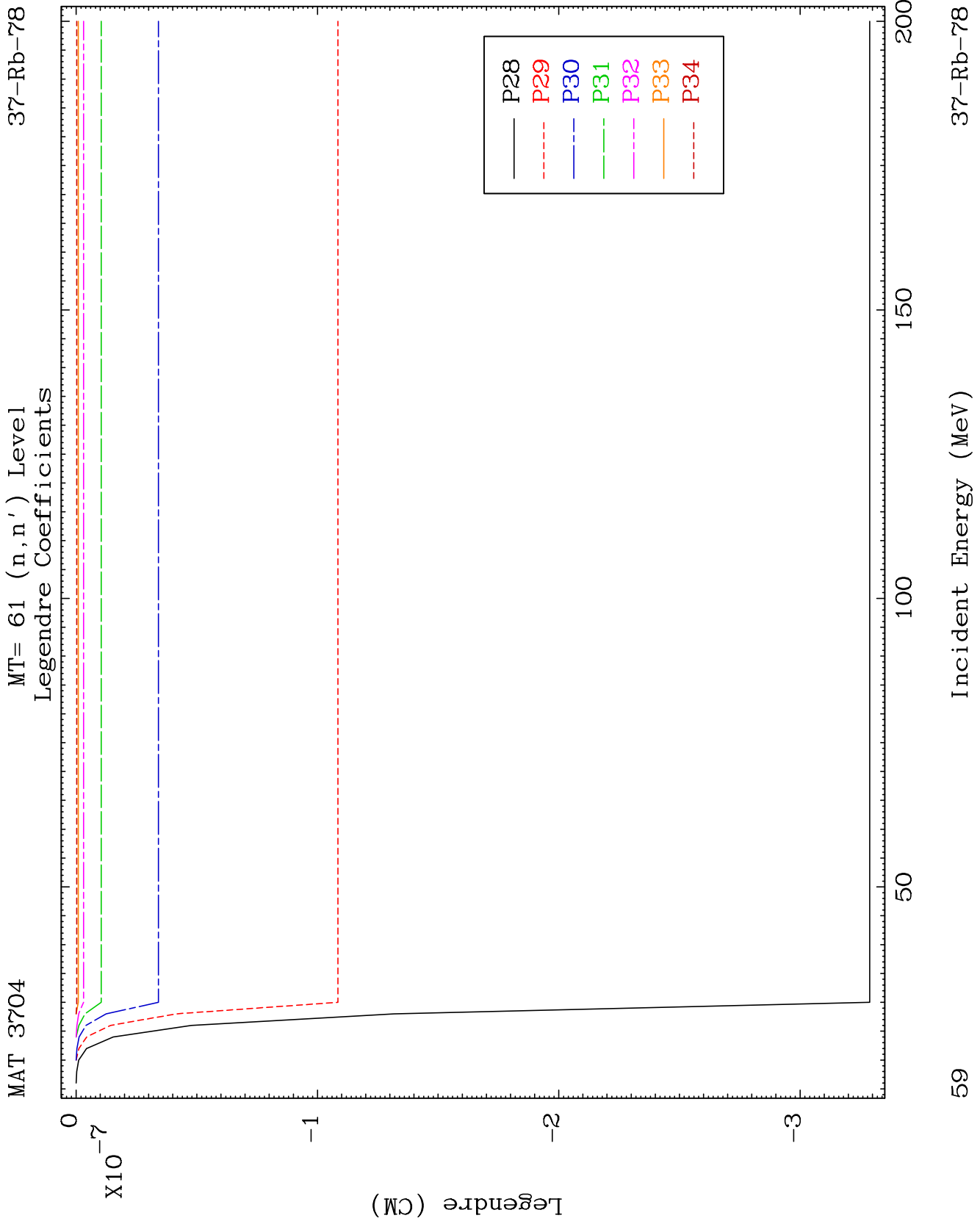


56

Incident Energy (MeV)

37-Rb-78

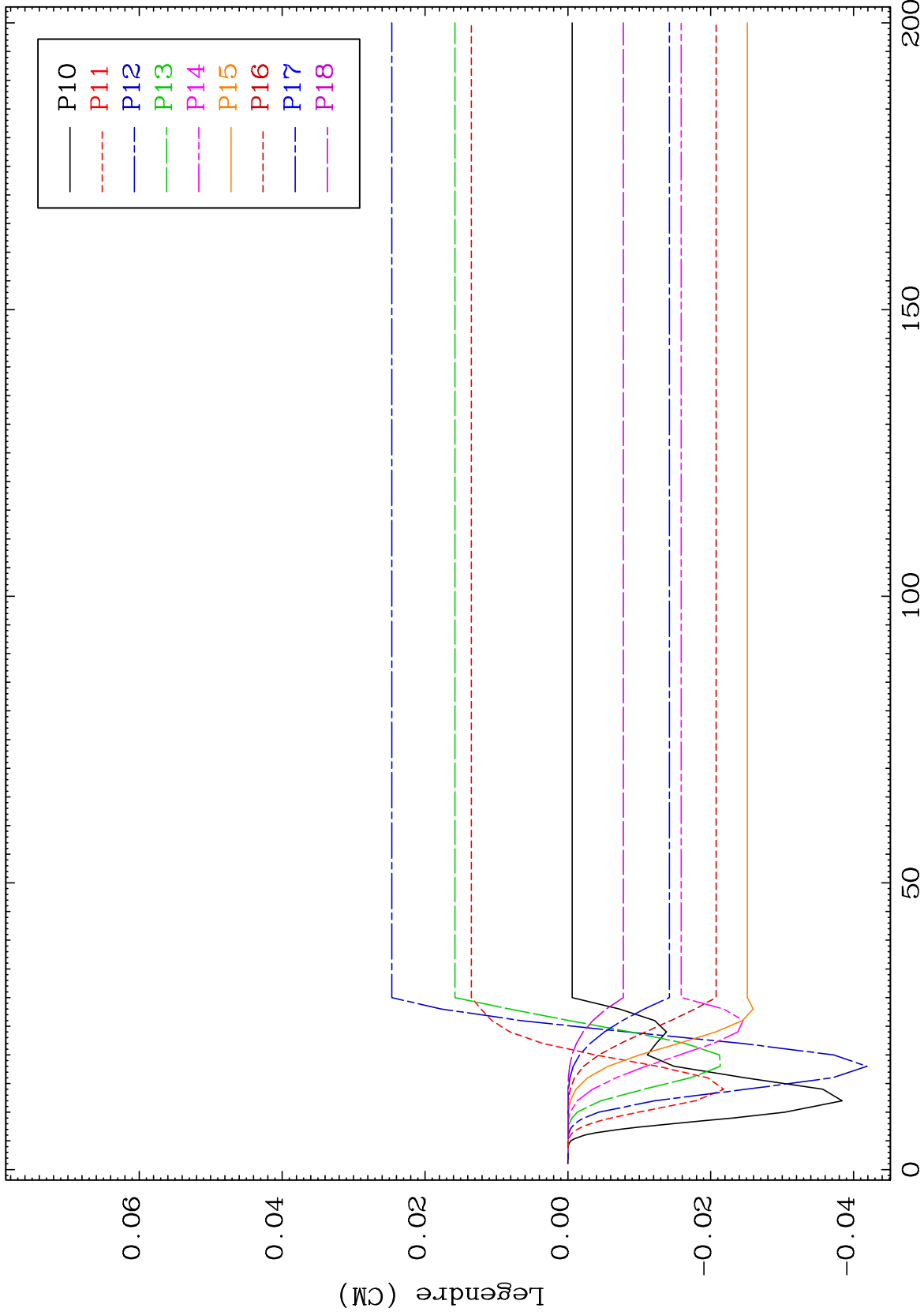




MAT 3704

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

37-Rb-78



61

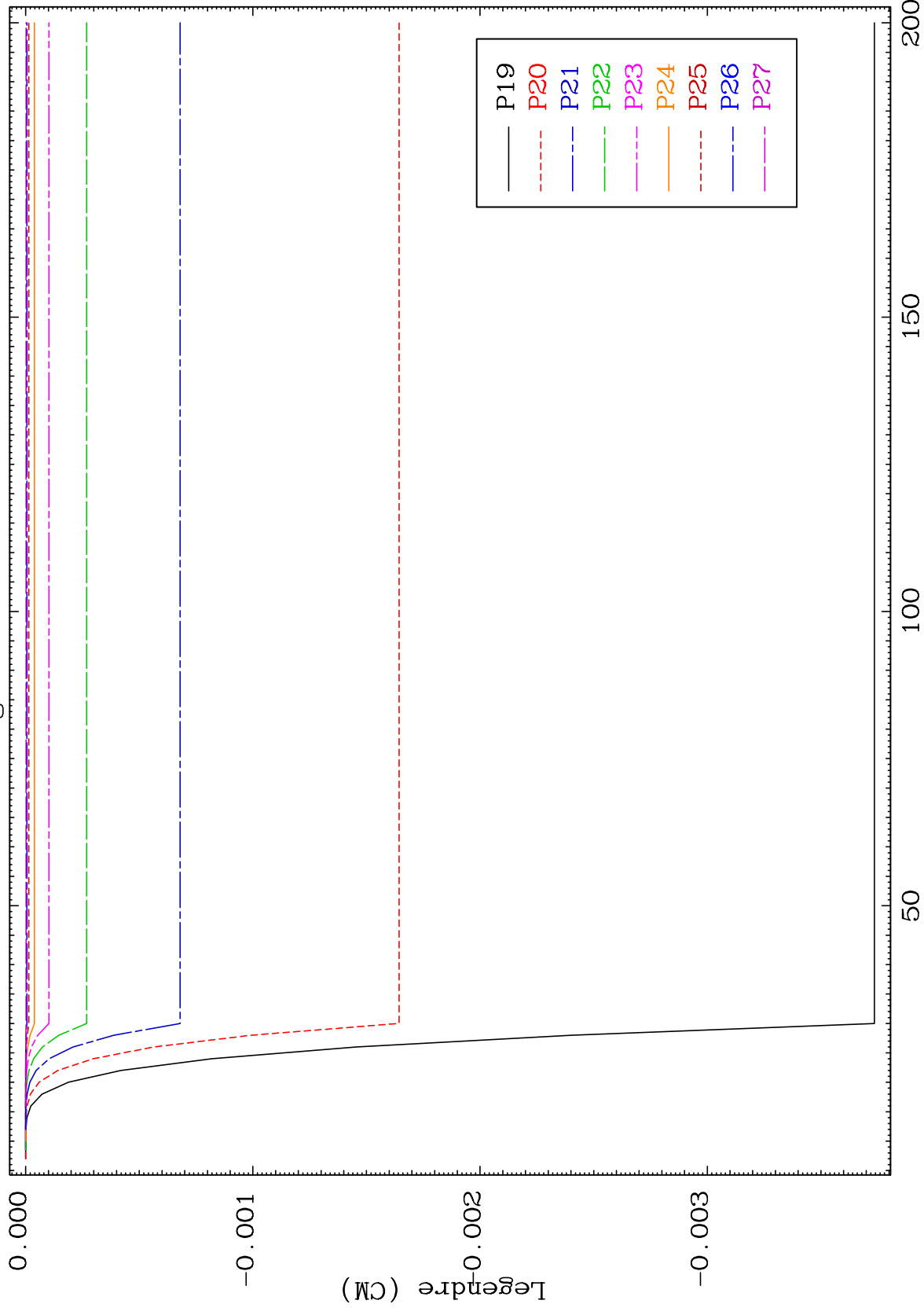
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



62

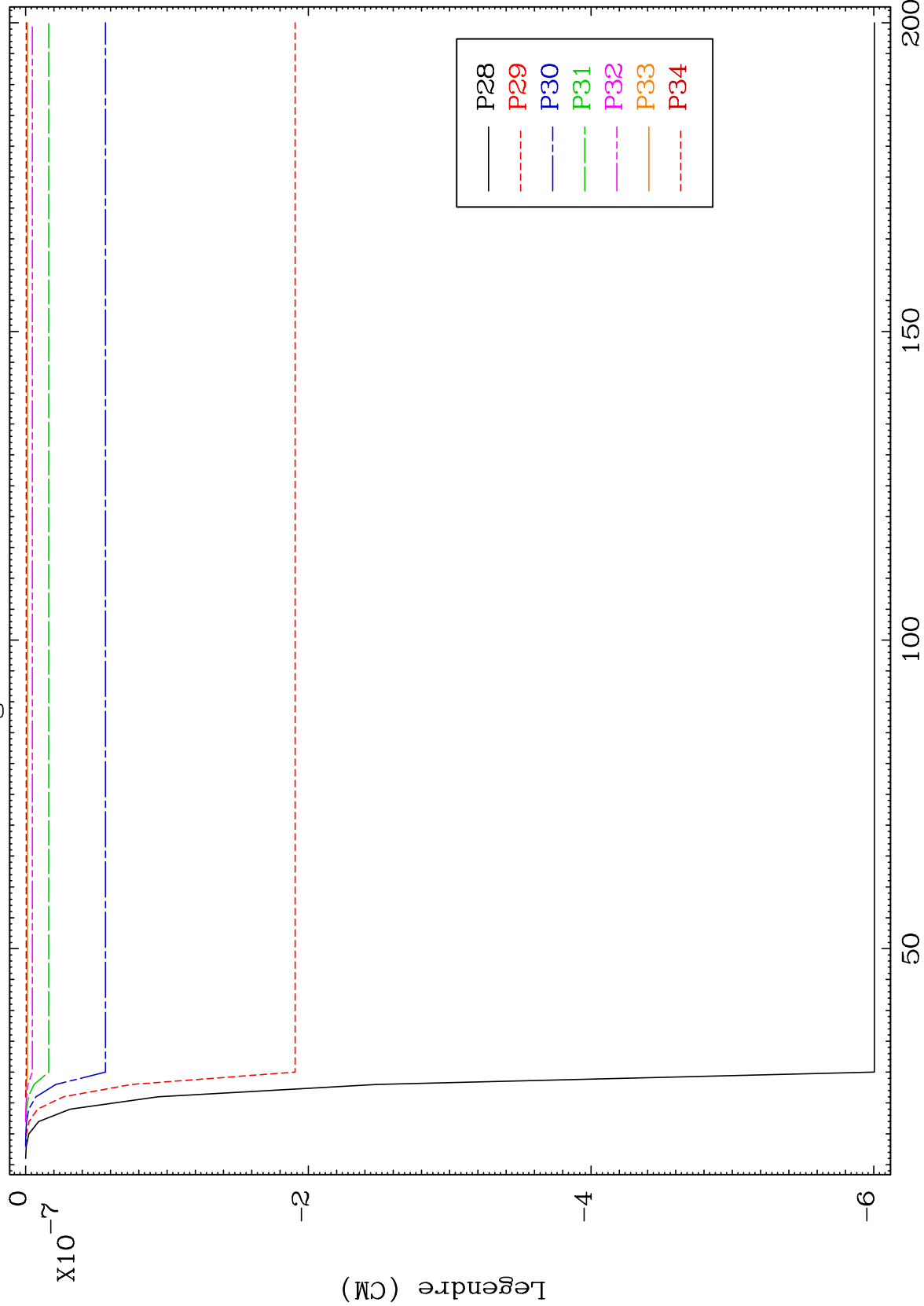
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



63

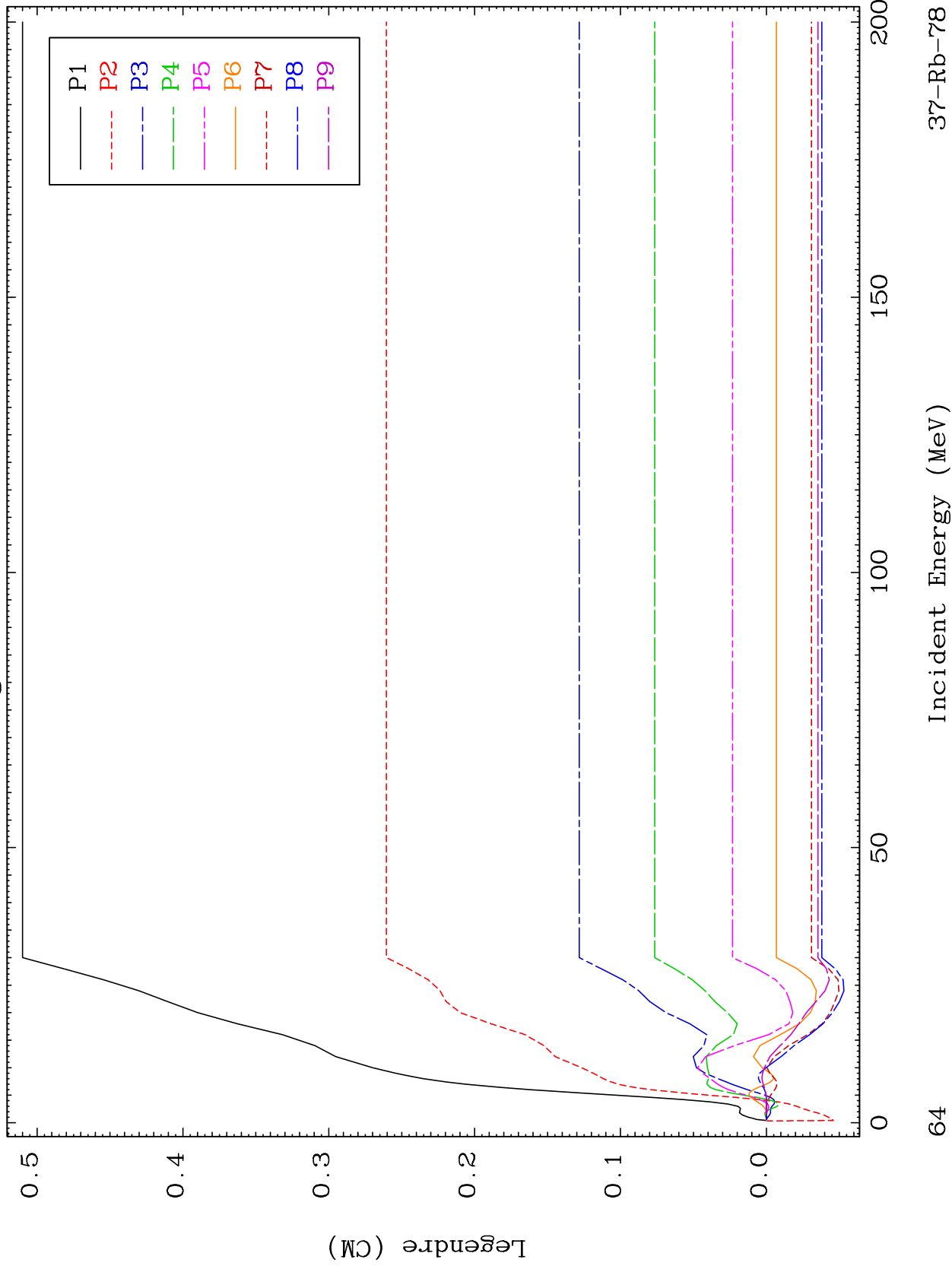
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

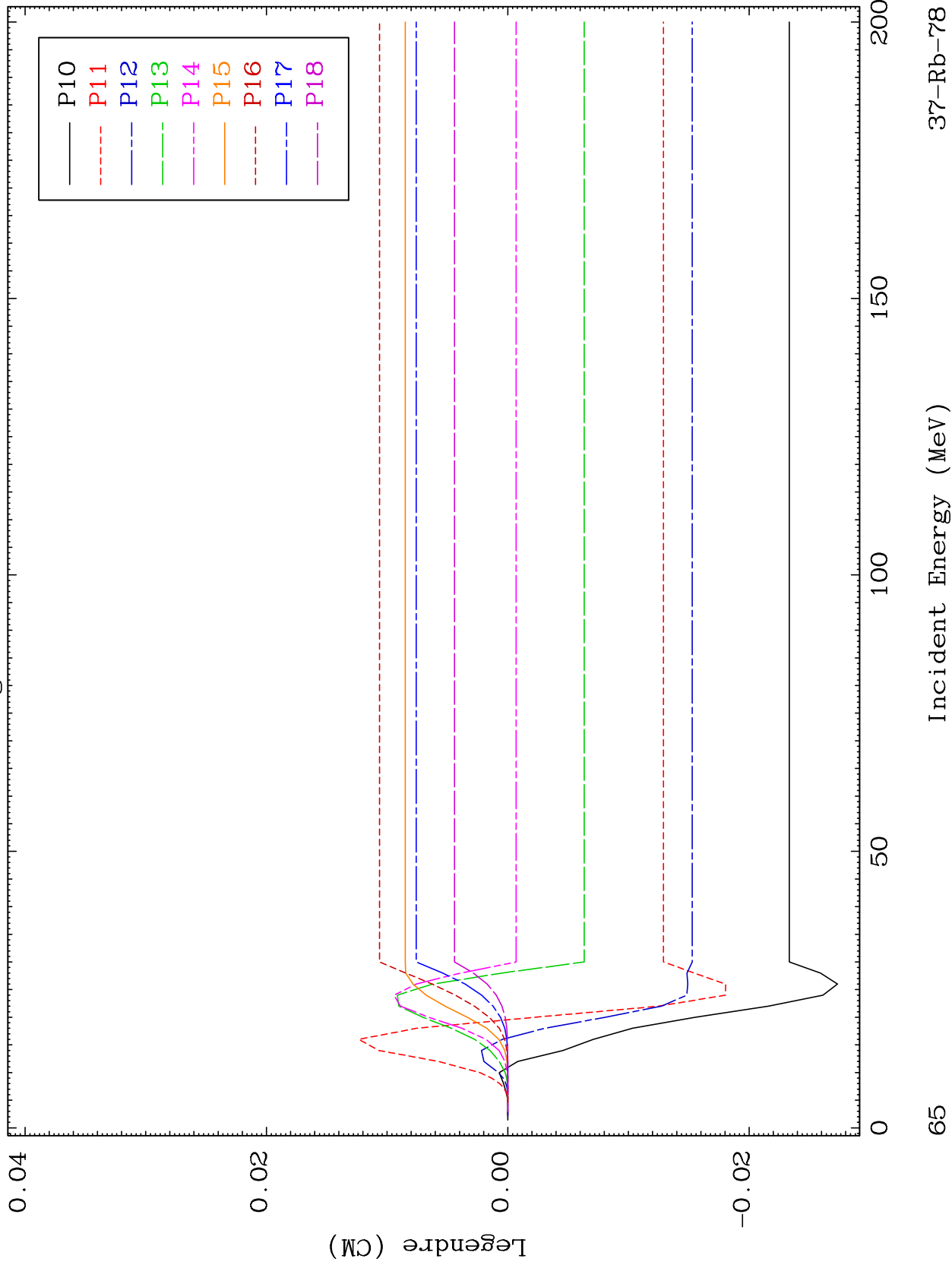
Incident Energy (MeV)

64

MAT 3704

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

37-Rb-78



37-Rb-78

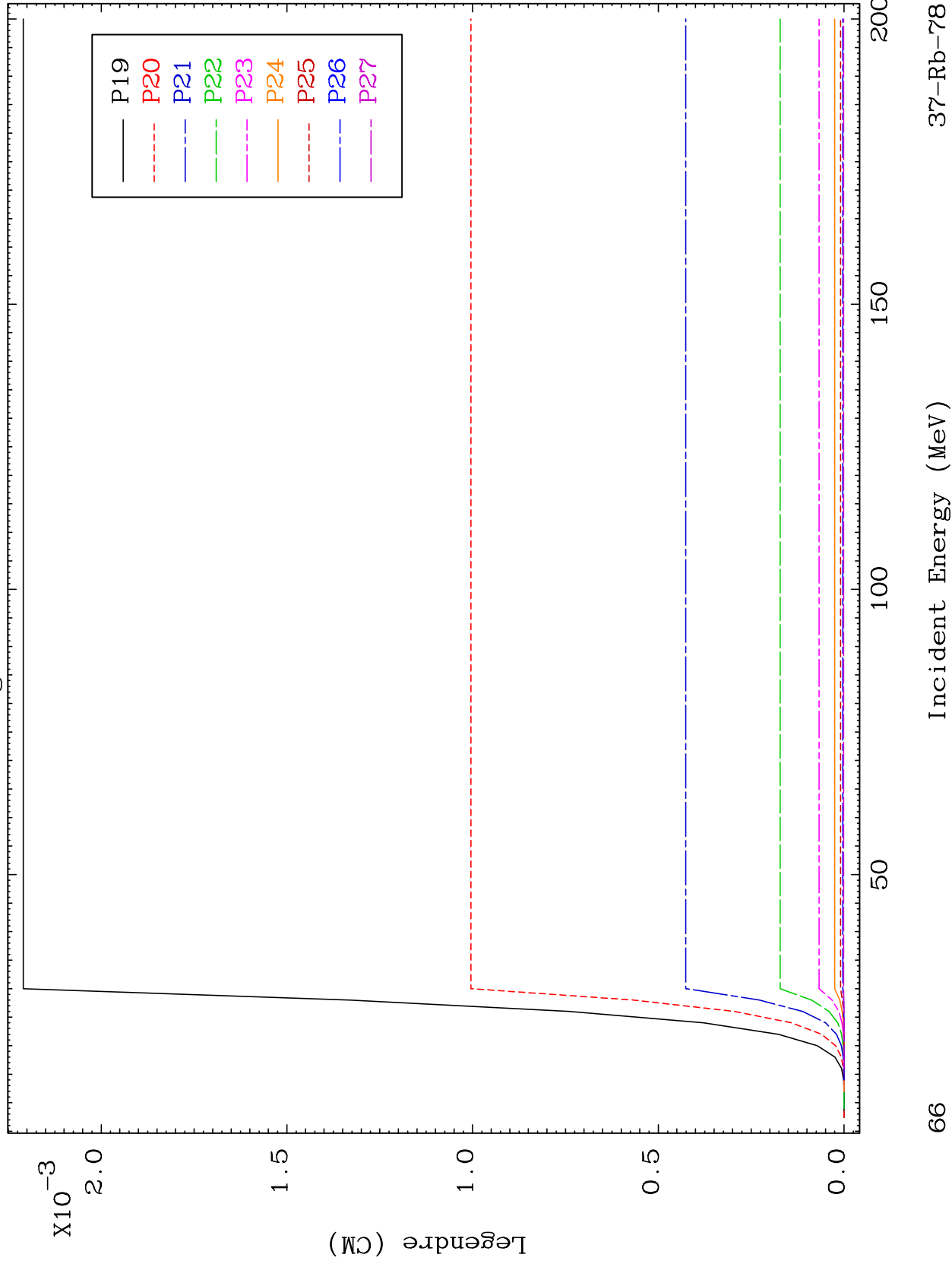
Incident Energy (MeV)

65

MAT 3704

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

37-Rb-78



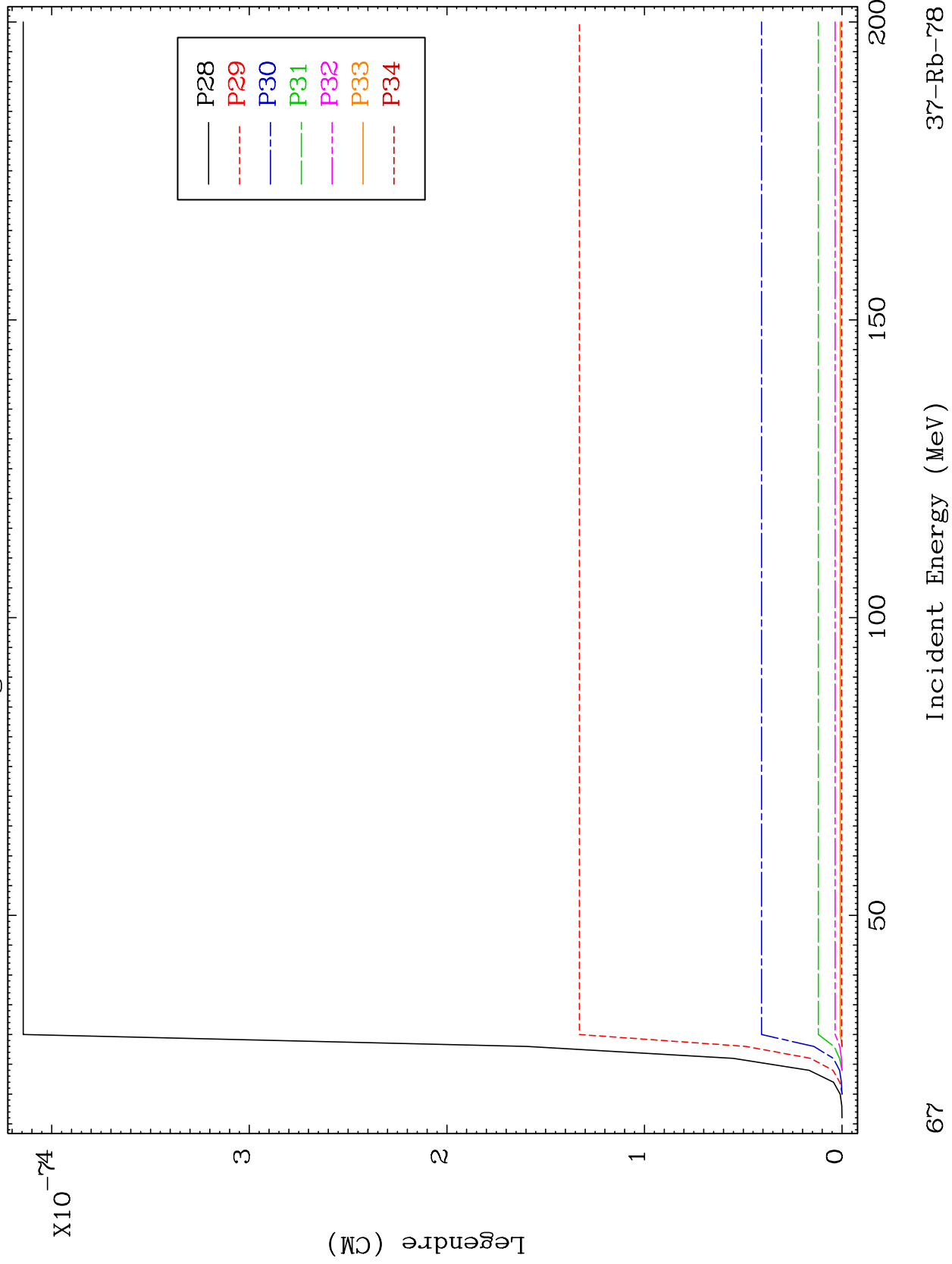
66

37-Rb-78

MAT 3704

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

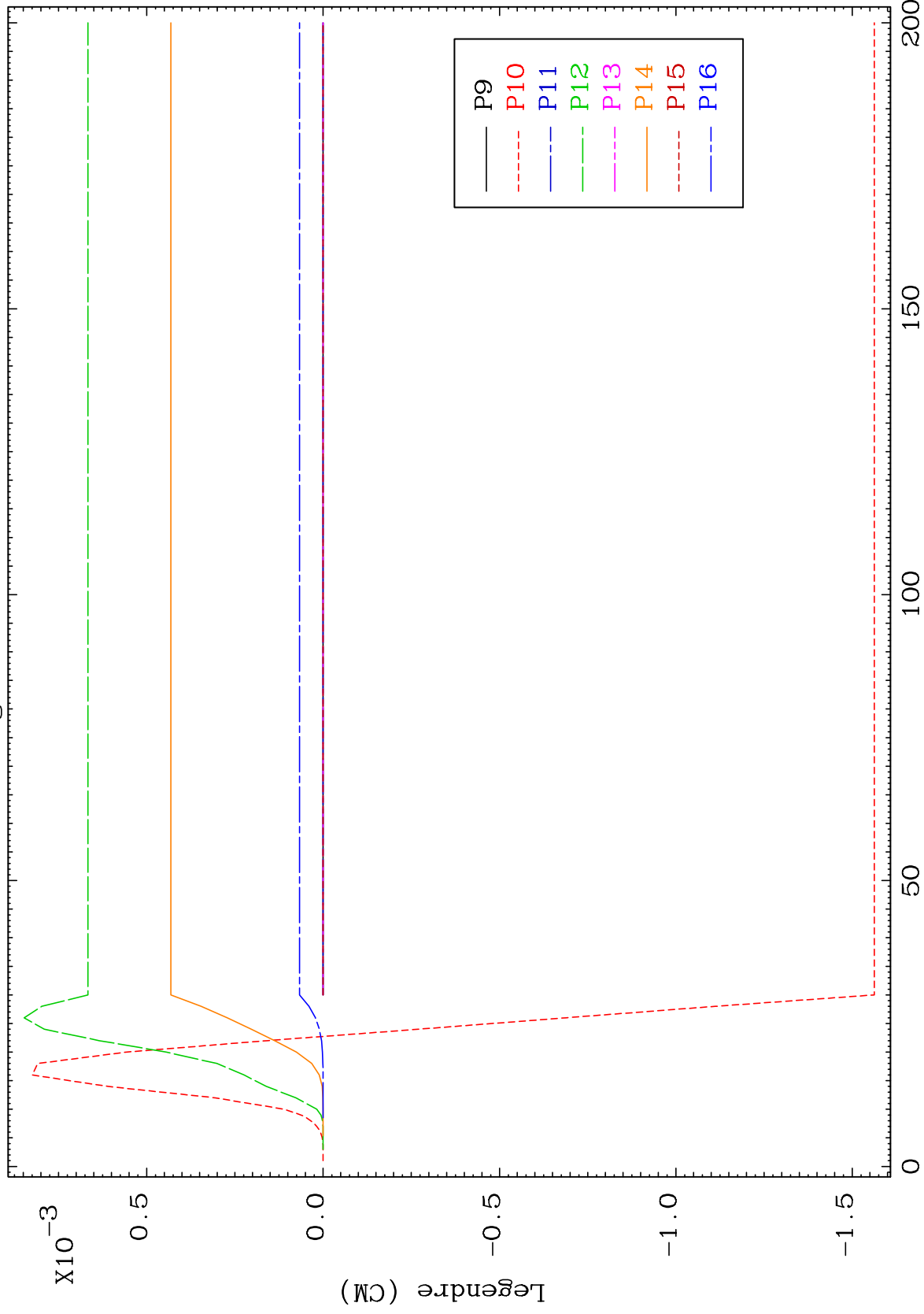
37-Rb-78



MAT 3704

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

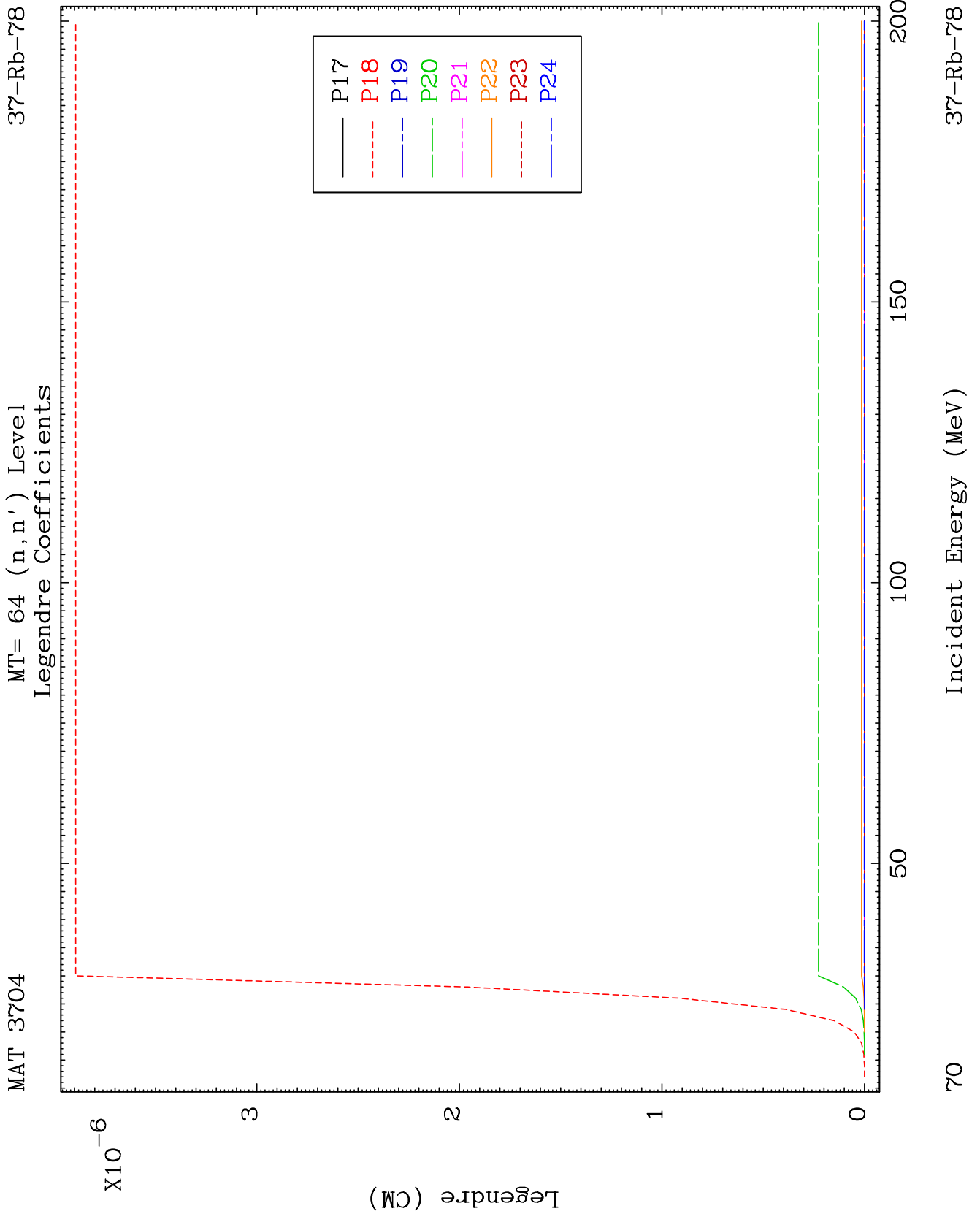
37-Rb-78



69

Incident Energy (MeV)

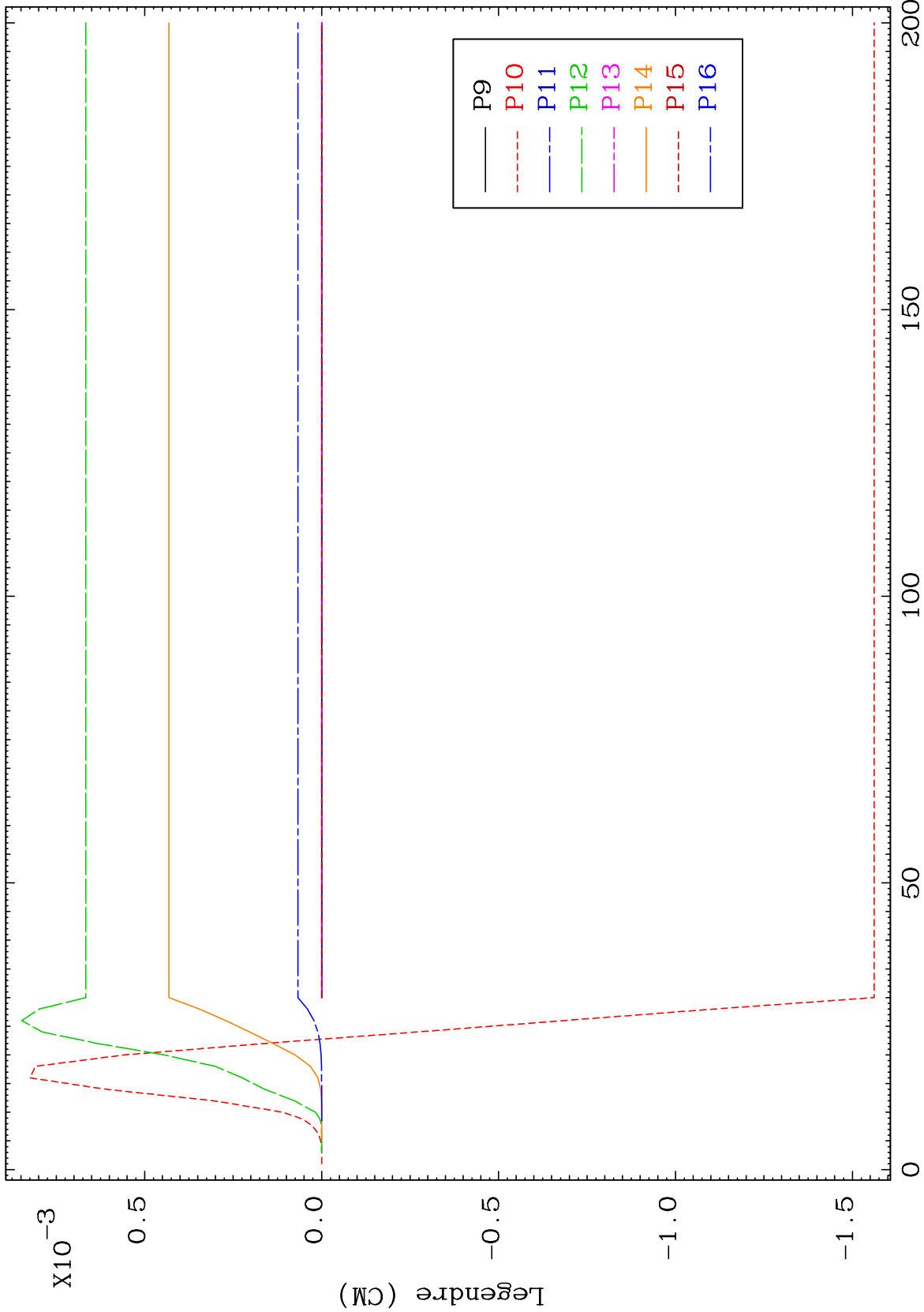
37-Rb-78



MAT 3704

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

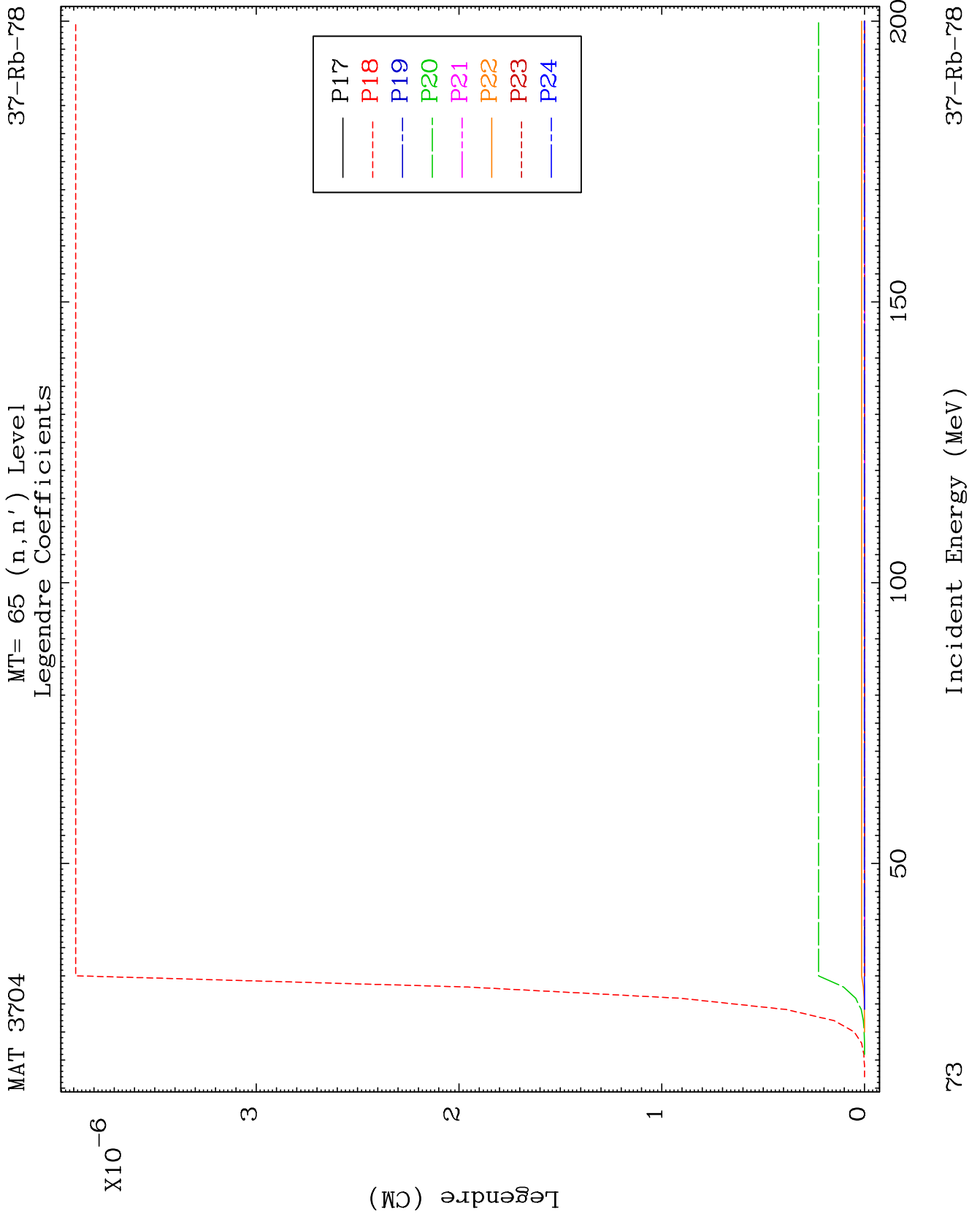
37-Rb-78

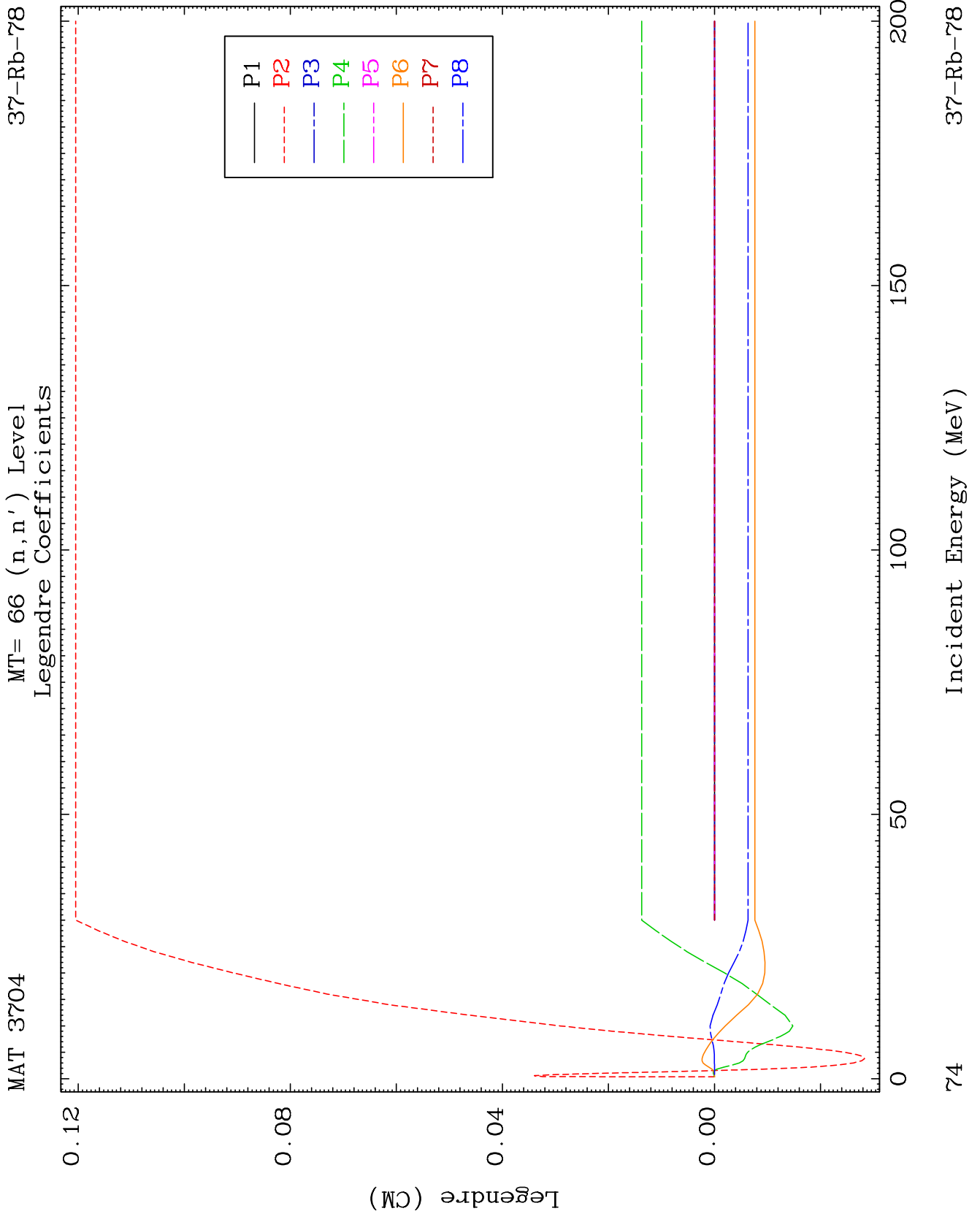


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Incident Energy (MeV)

37-Rb-78

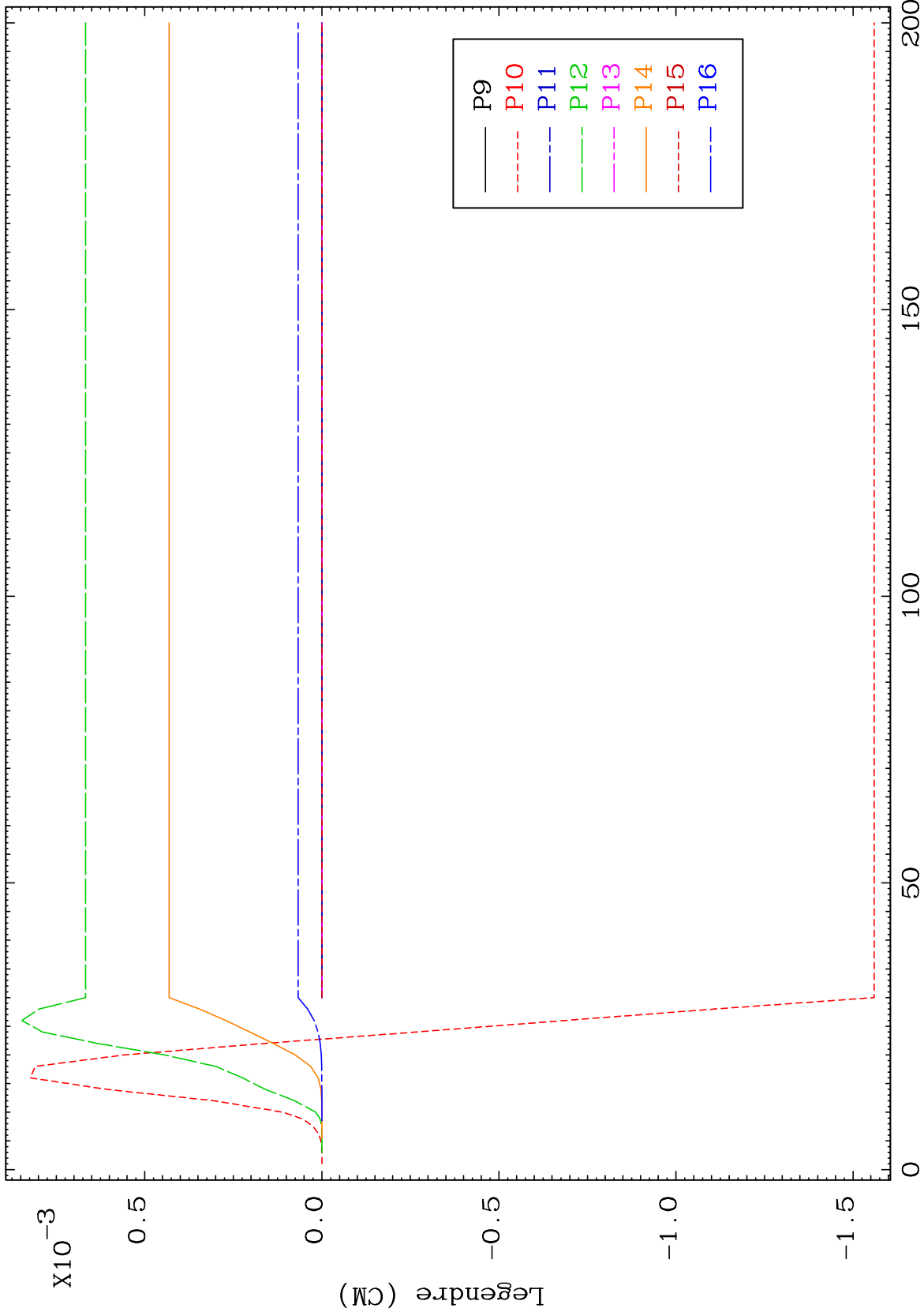




MAT 3704

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

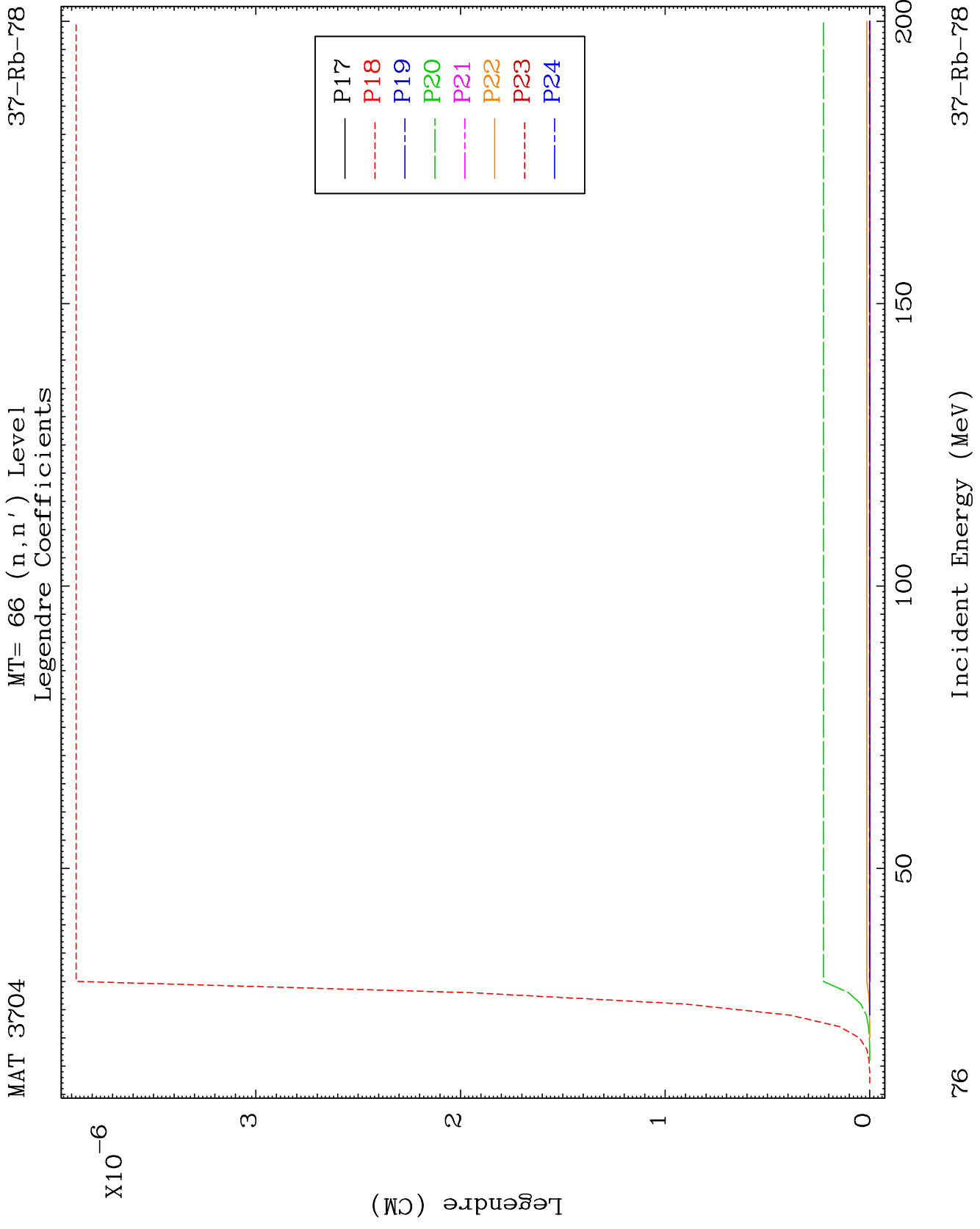
37-Rb-78



75

Incident Energy (MeV)

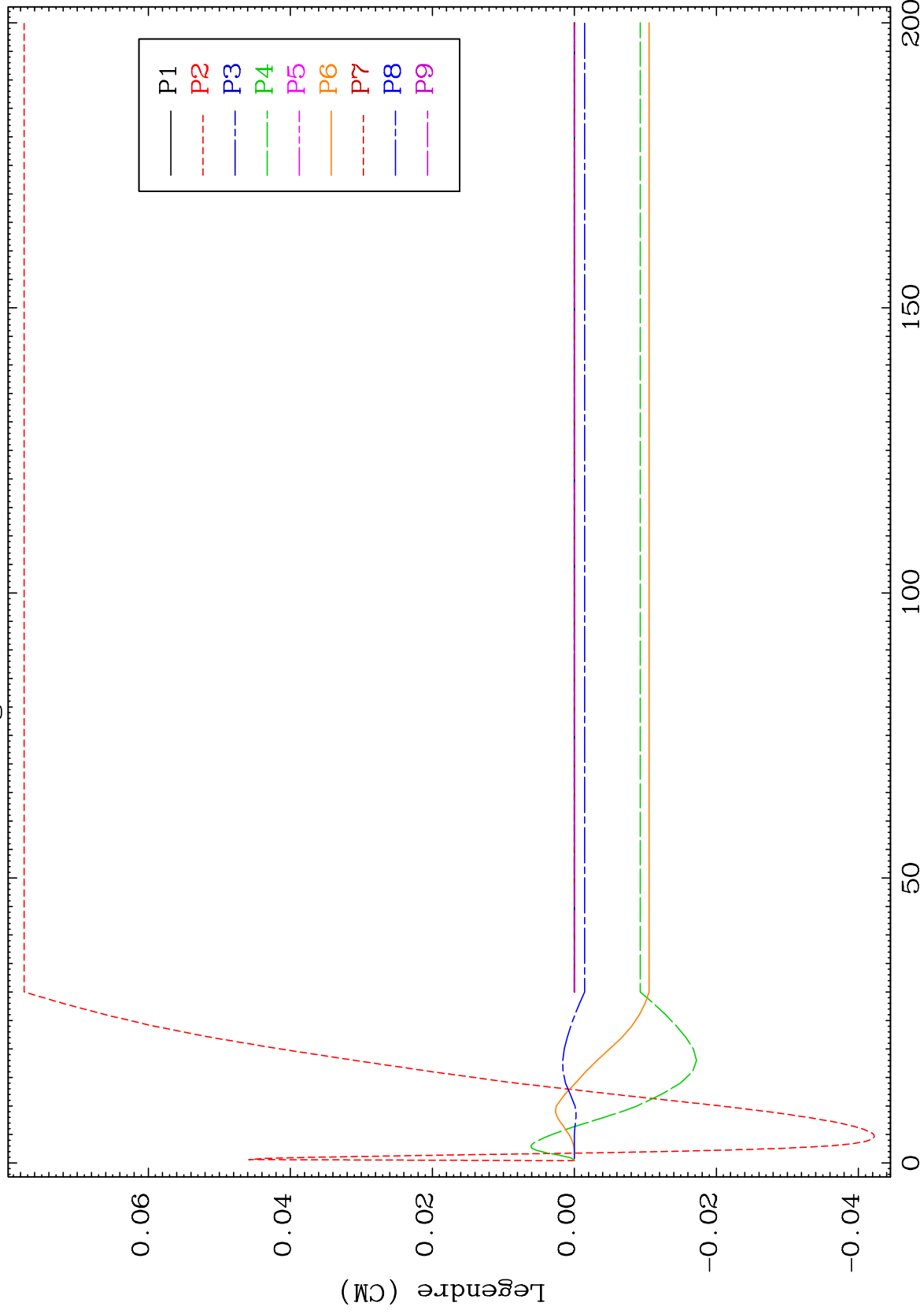
37-Rb-78



MAT 3704

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

37-Rb-78



77

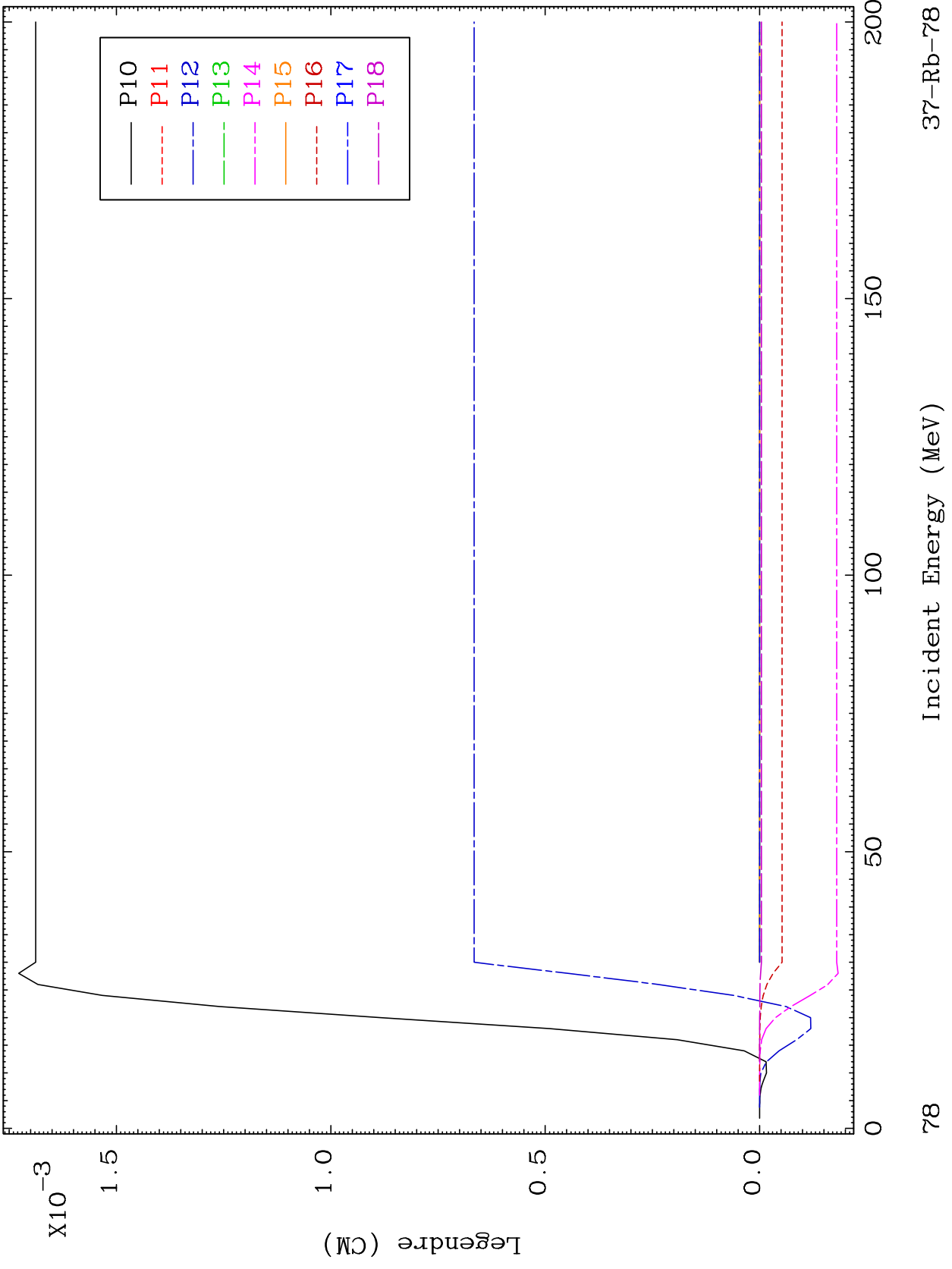
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

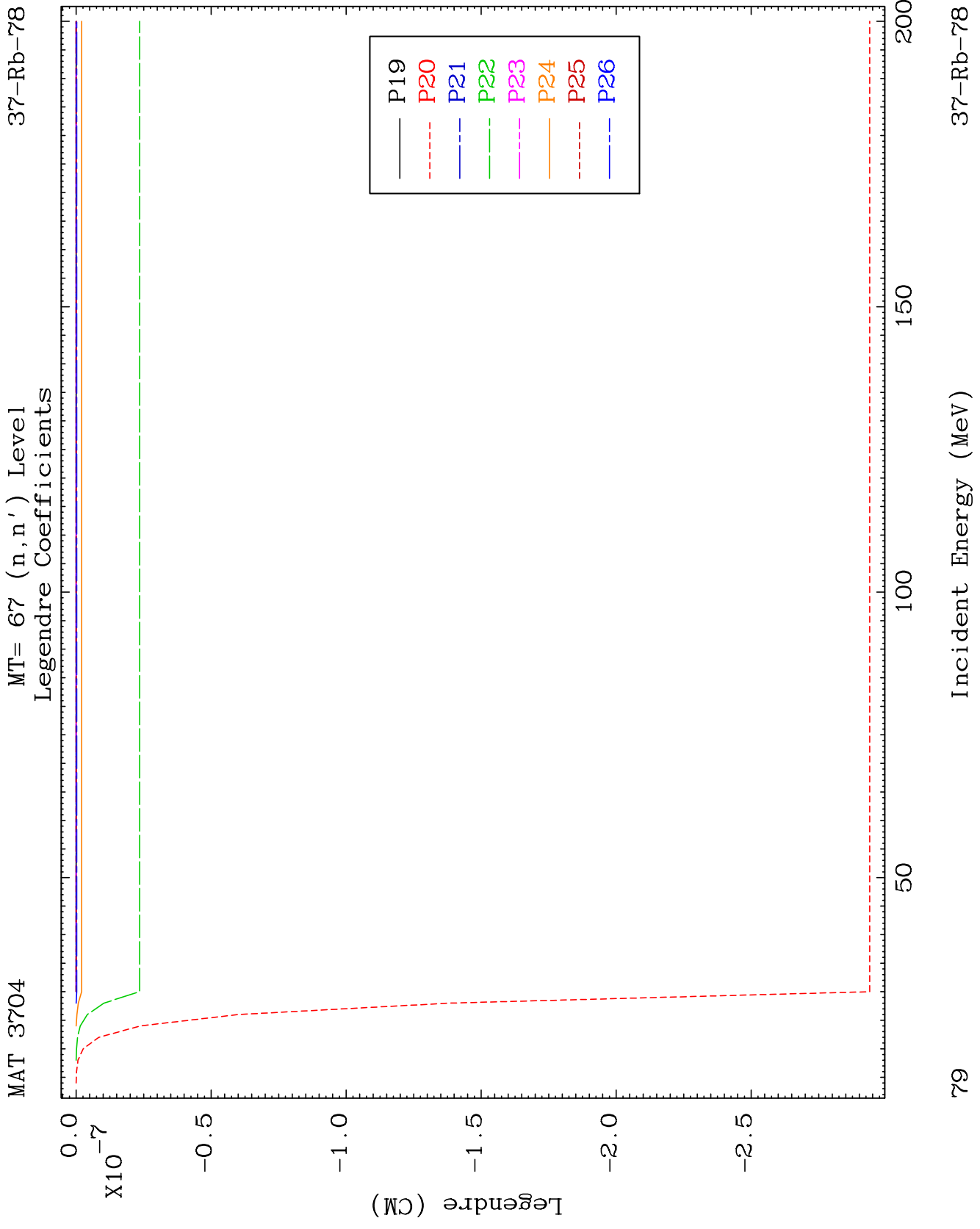
37-Rb-78



37-Rb-78

Incident Energy (MeV)

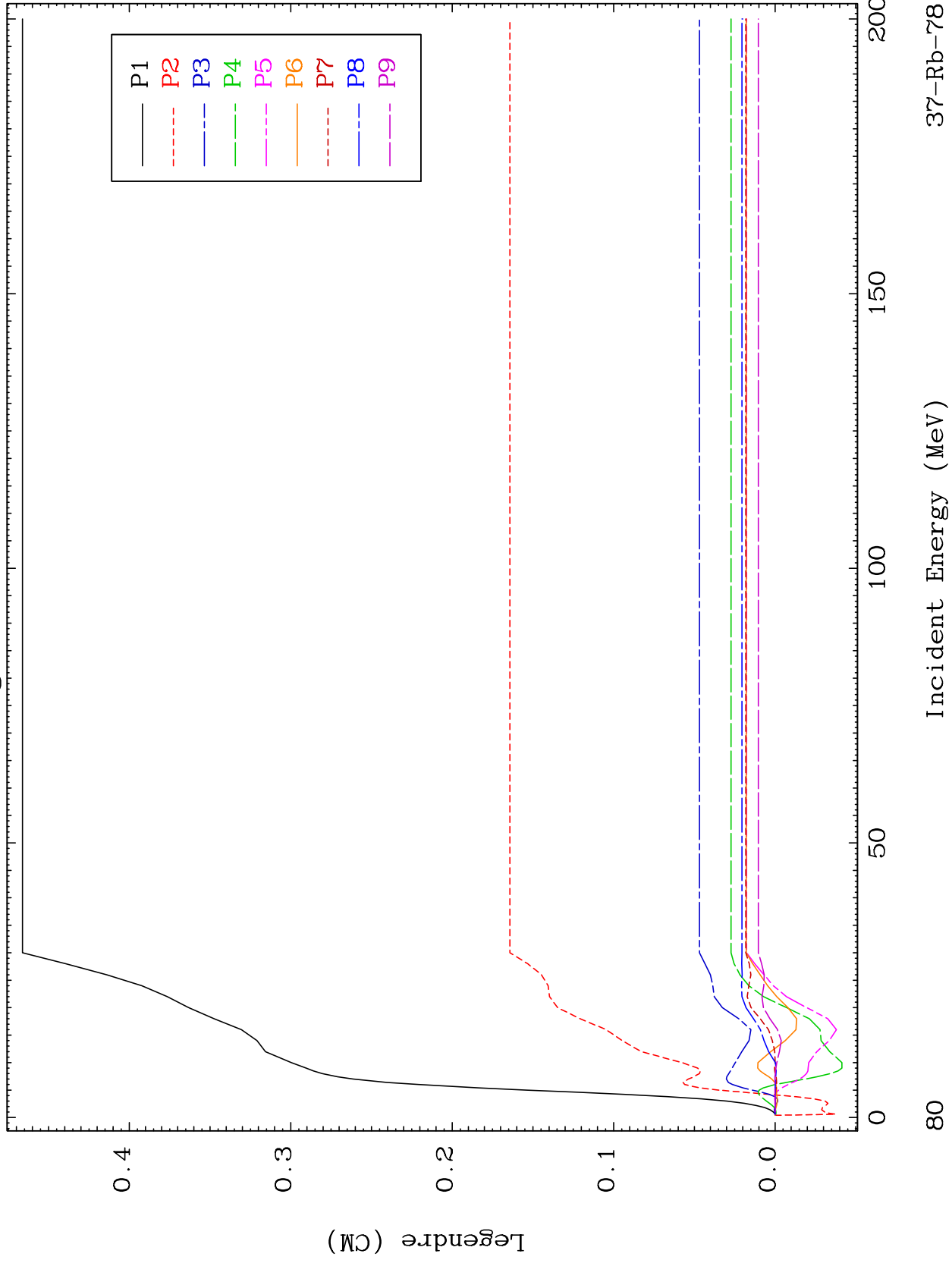
78



MAT 3704

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

37-Rb-78



37-Rb-78

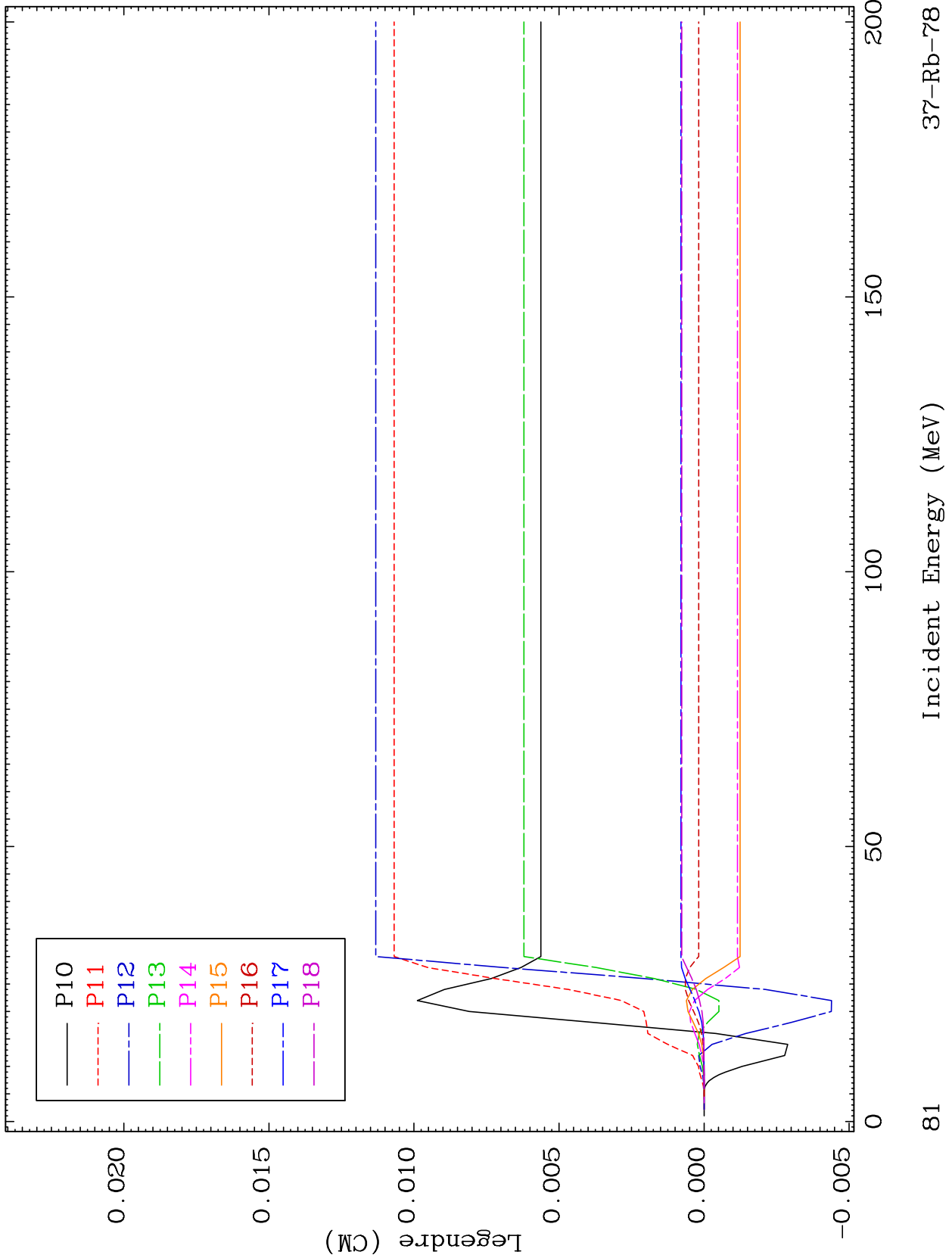
Incident Energy (MeV)

80

MAT 3704

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

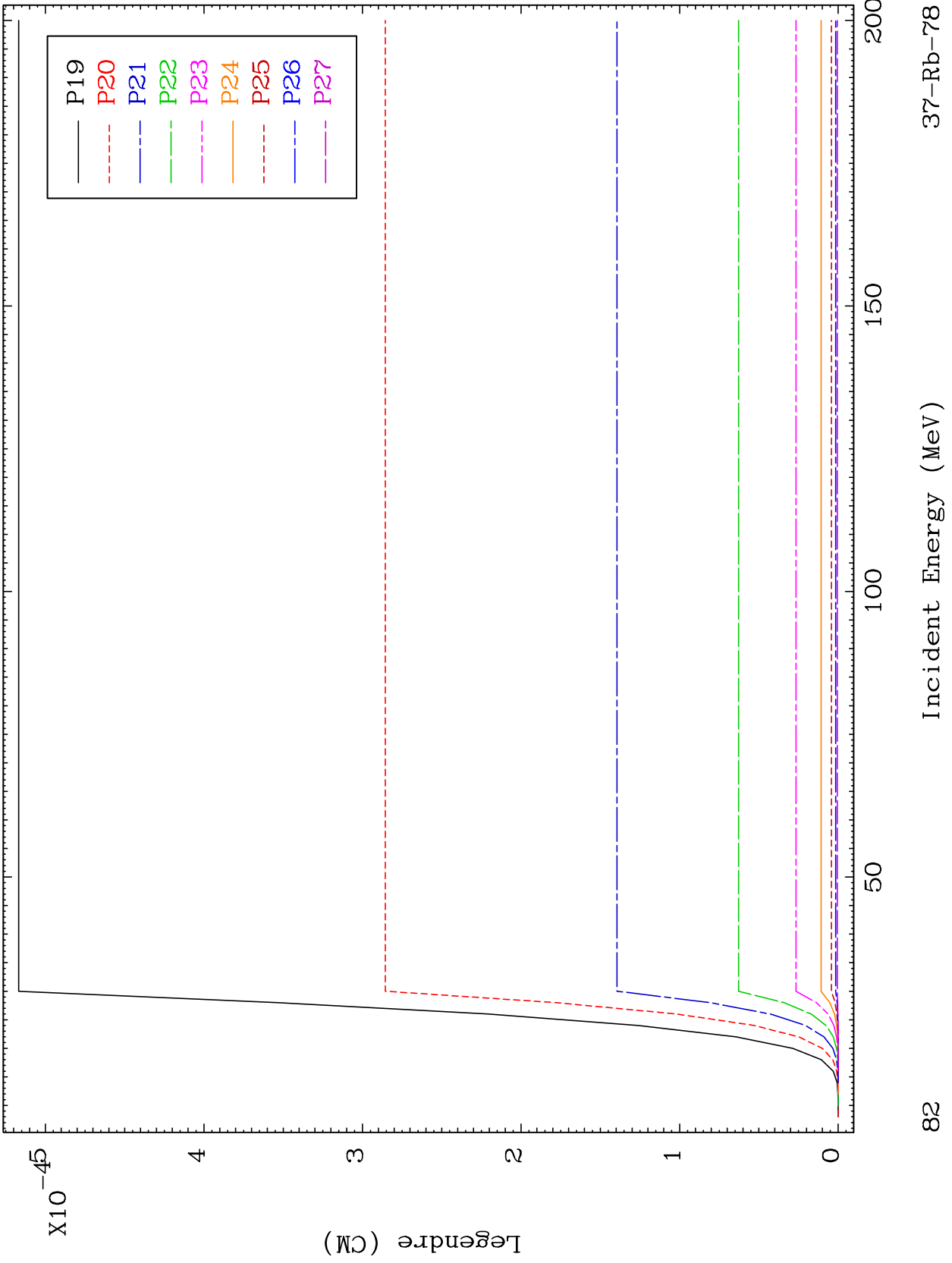
37-Rb-78



MAT 3704

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

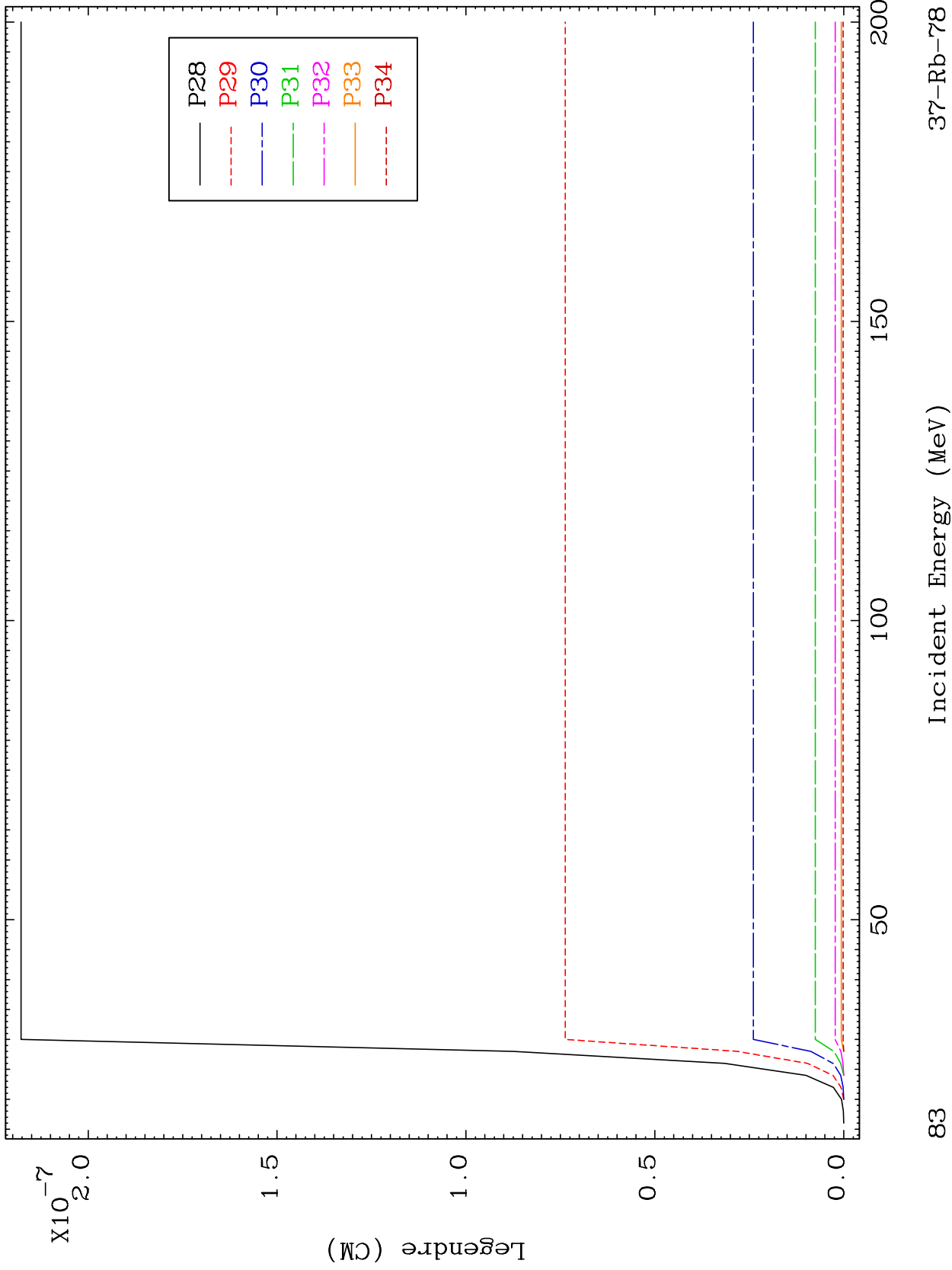
37-Rb-78



MAT 3704

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

37-Rb-78



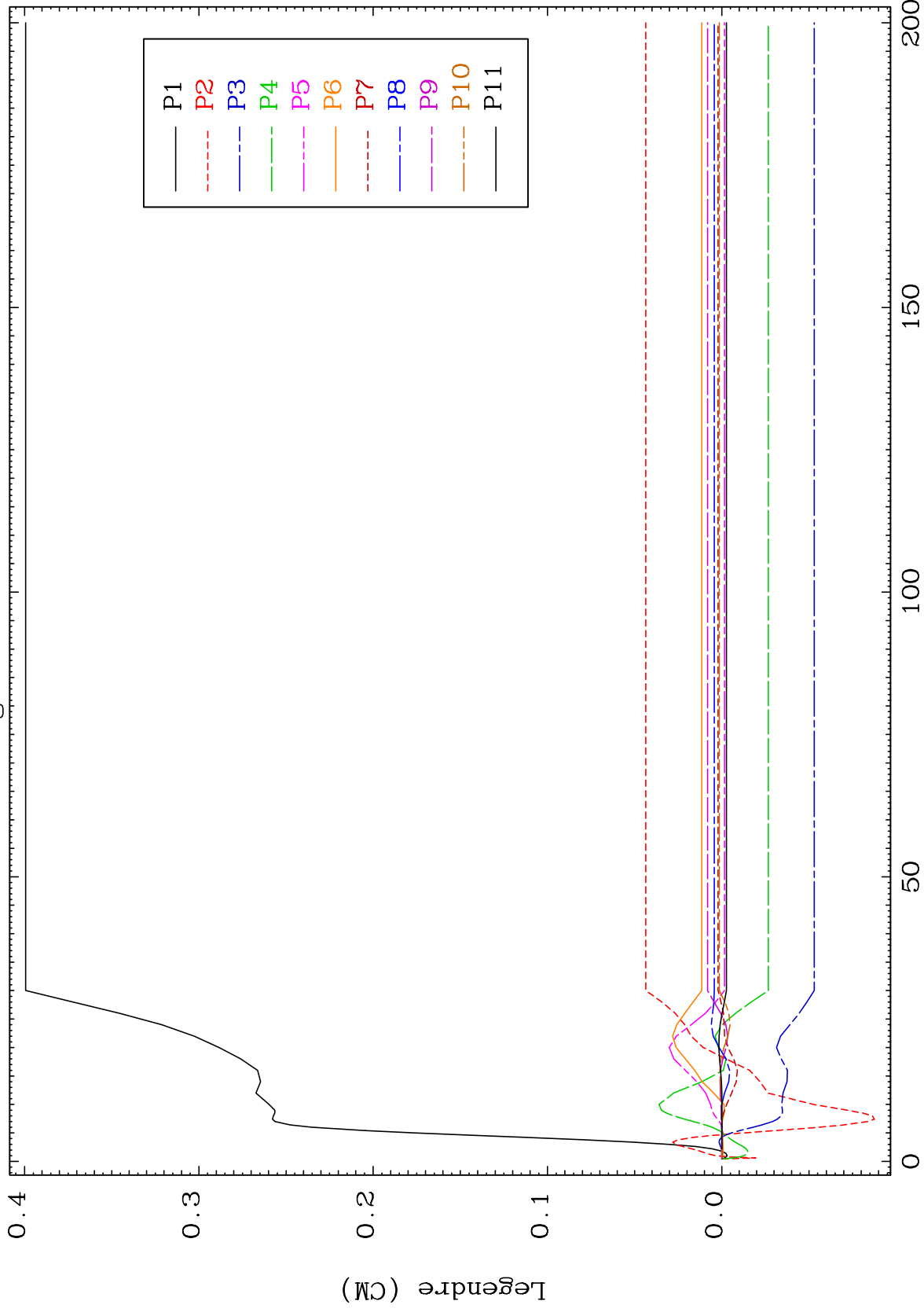
83

37-Rb-78

MAT 3704

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

37-Rb-78



84

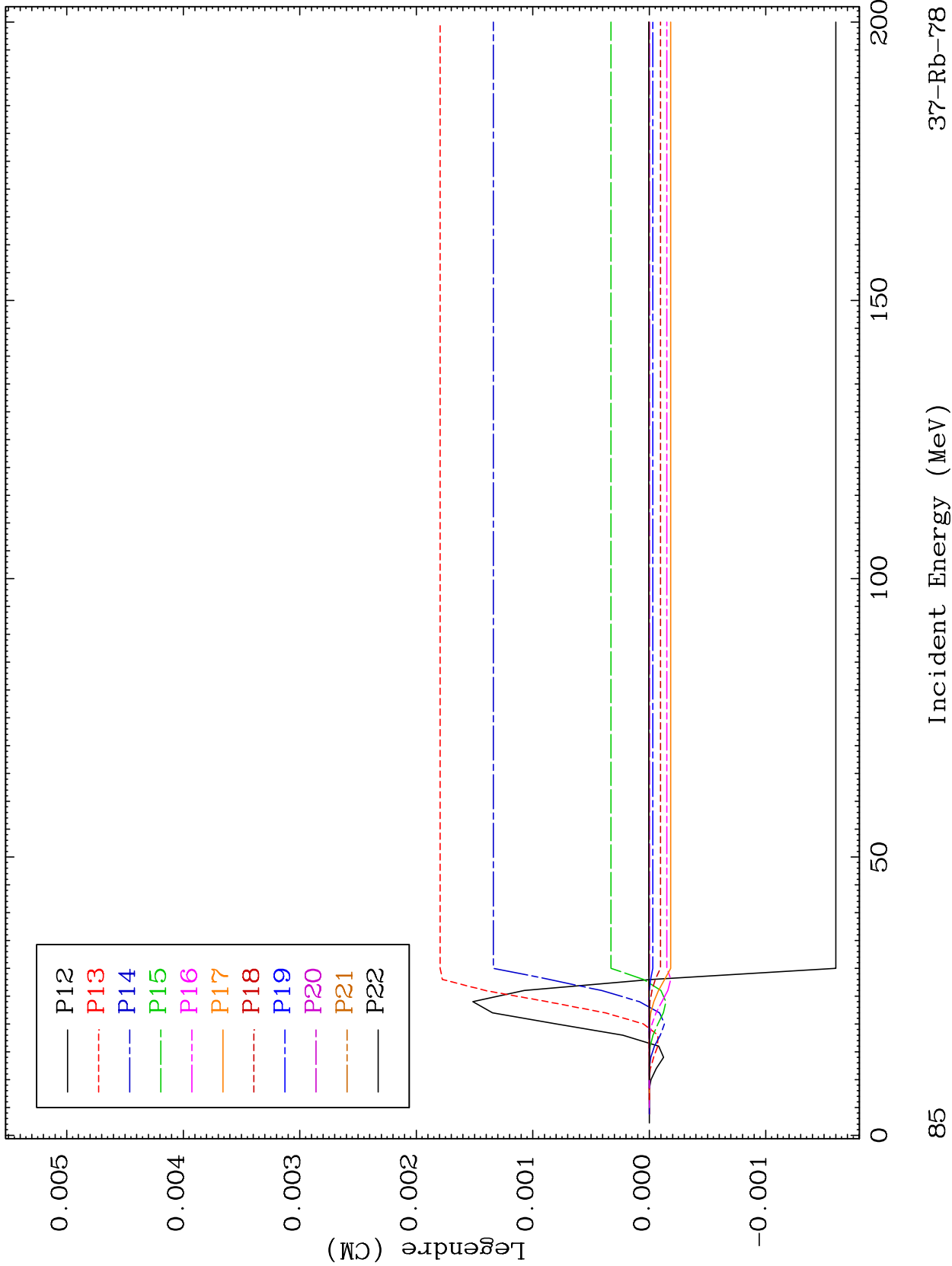
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

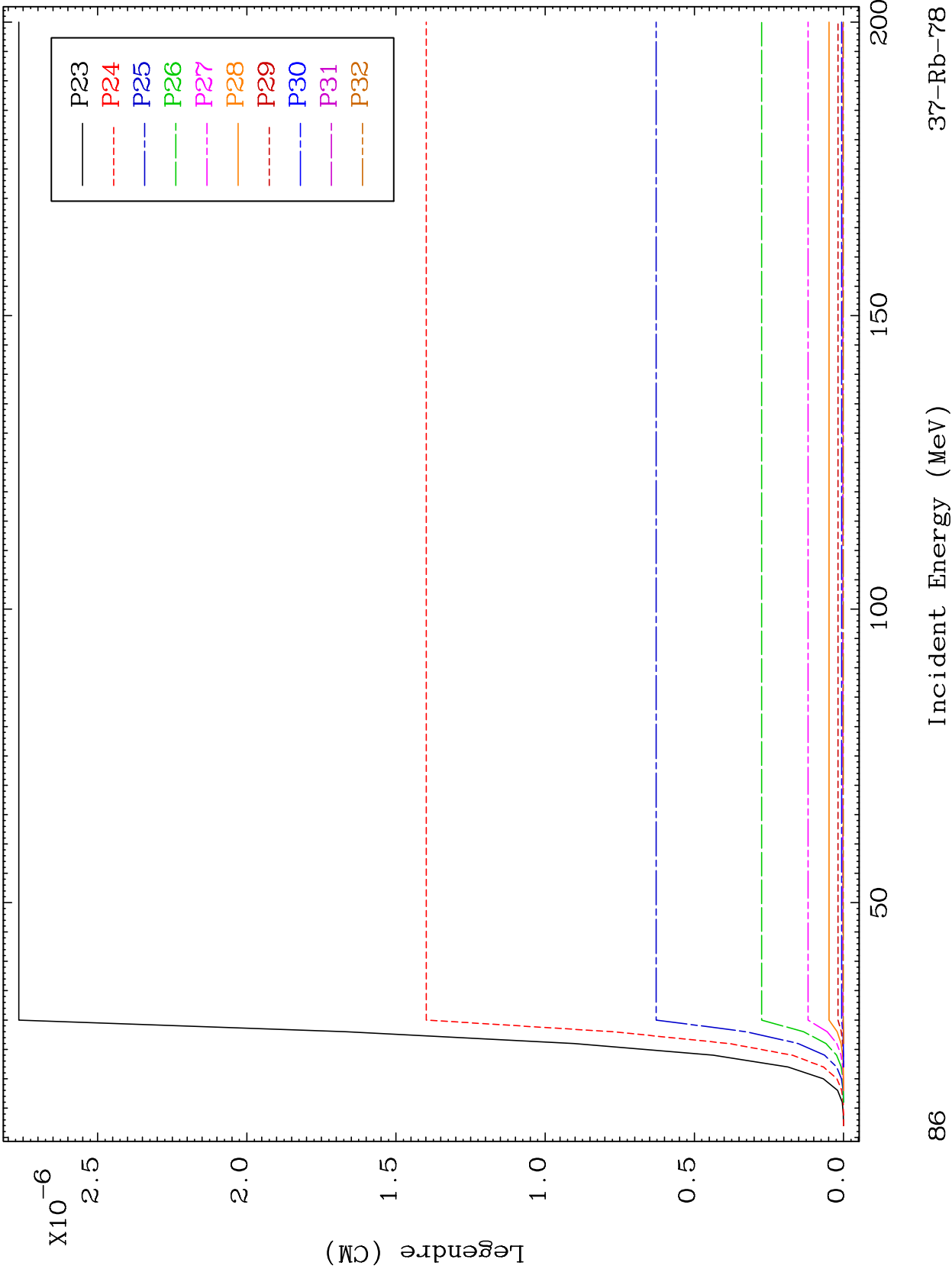
37-Rb-78



85

Incident Energy (MeV)

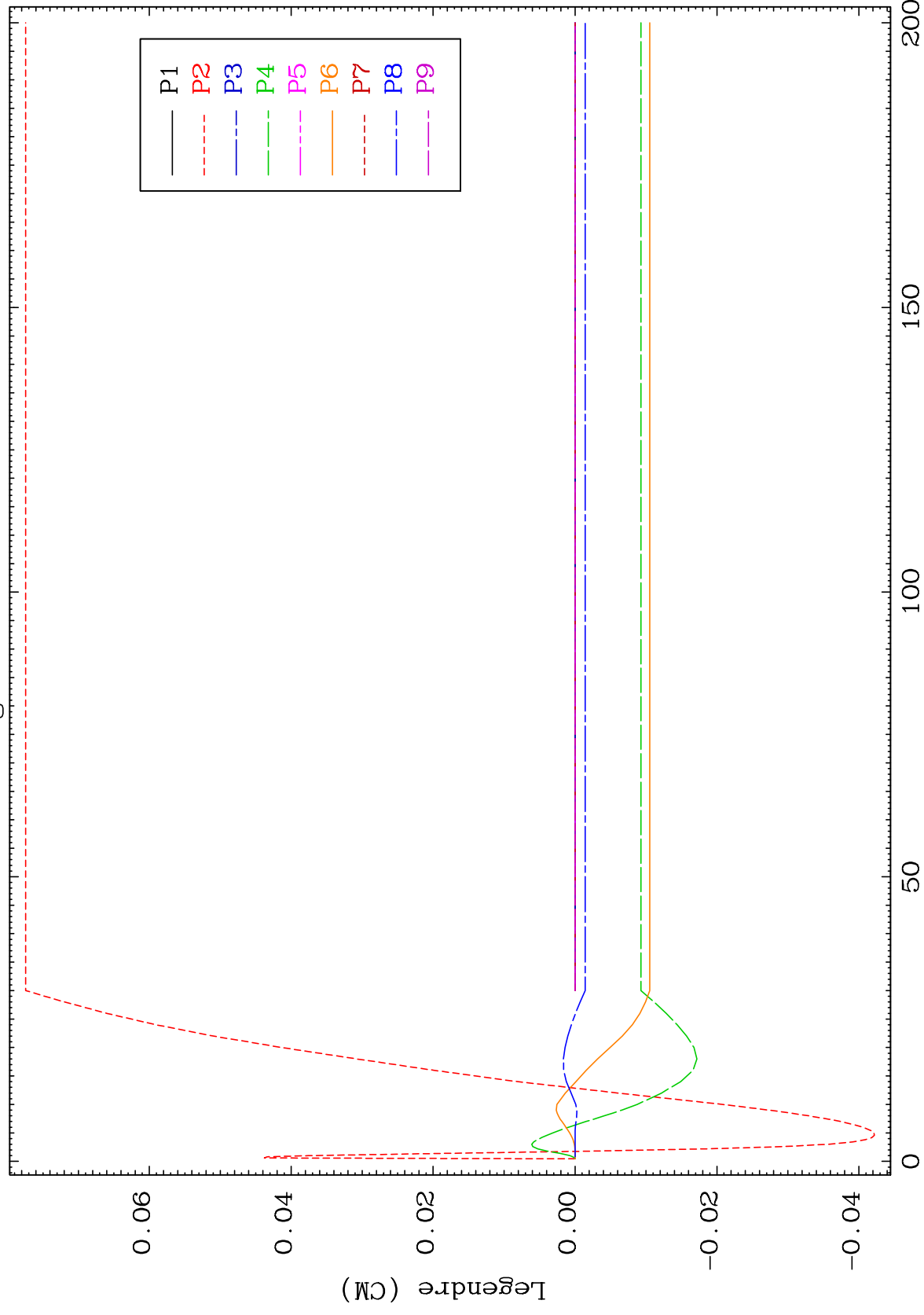
37-Rb-78



MAT 3704

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

37-Rb-78



87

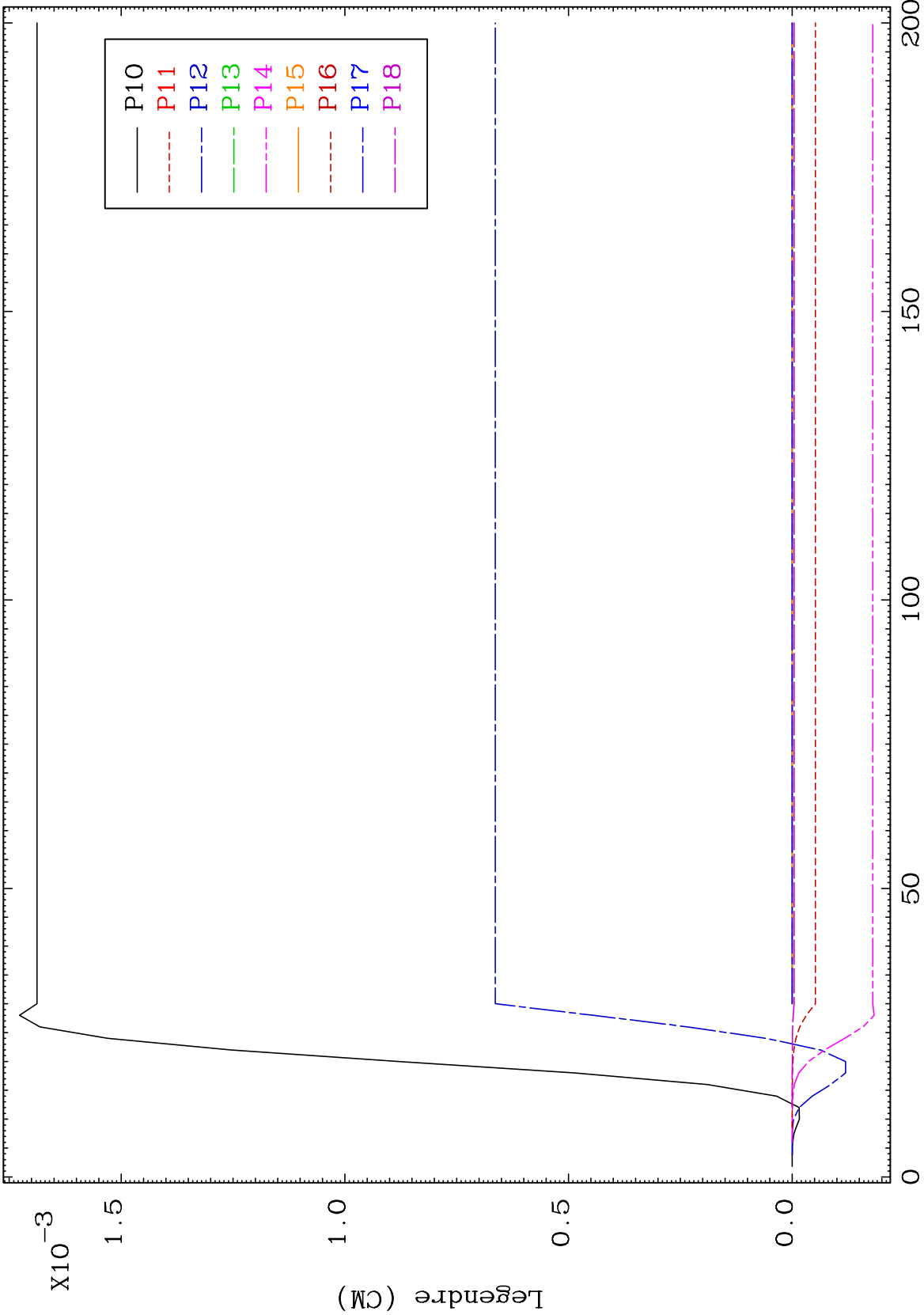
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

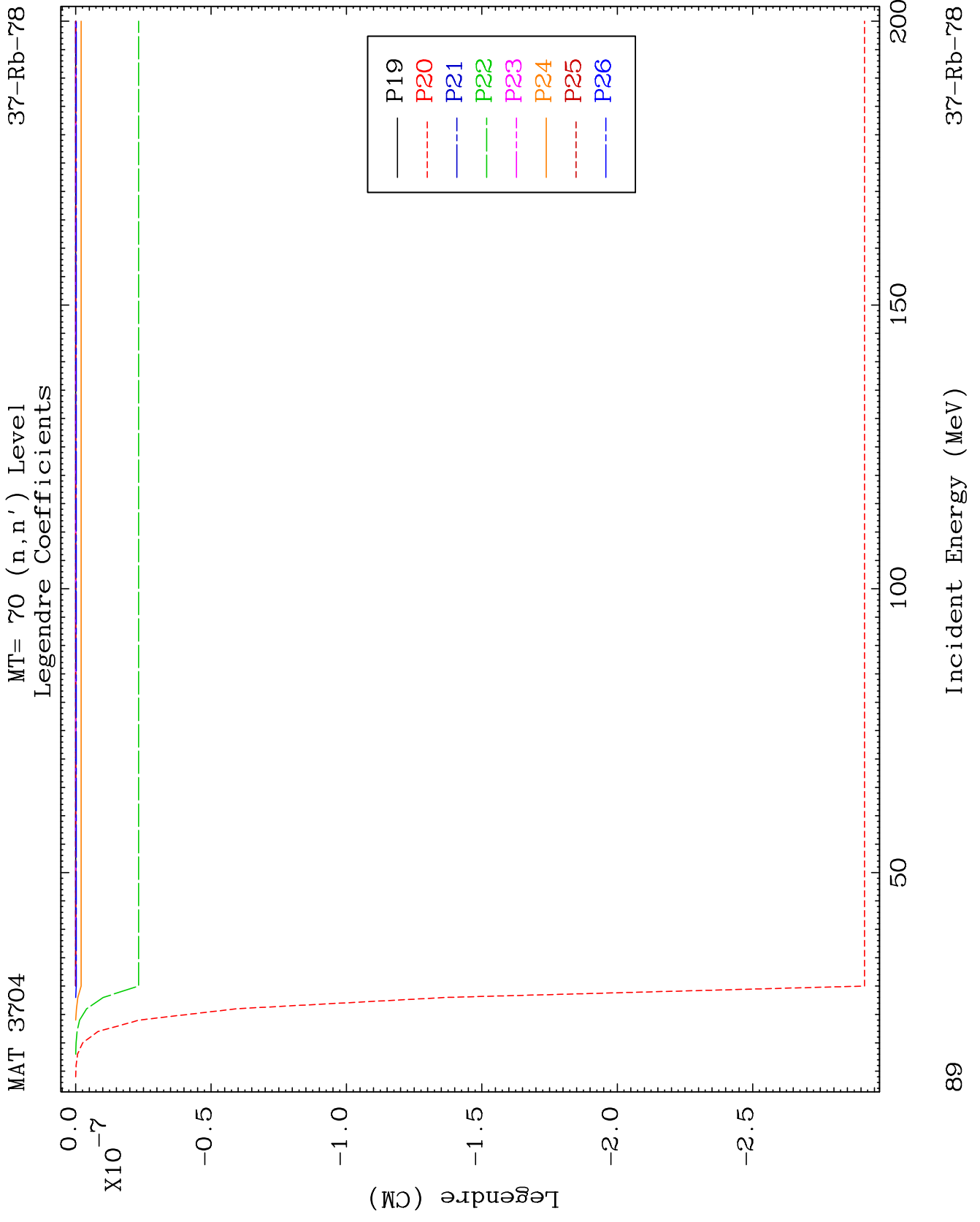
37-Rb-78

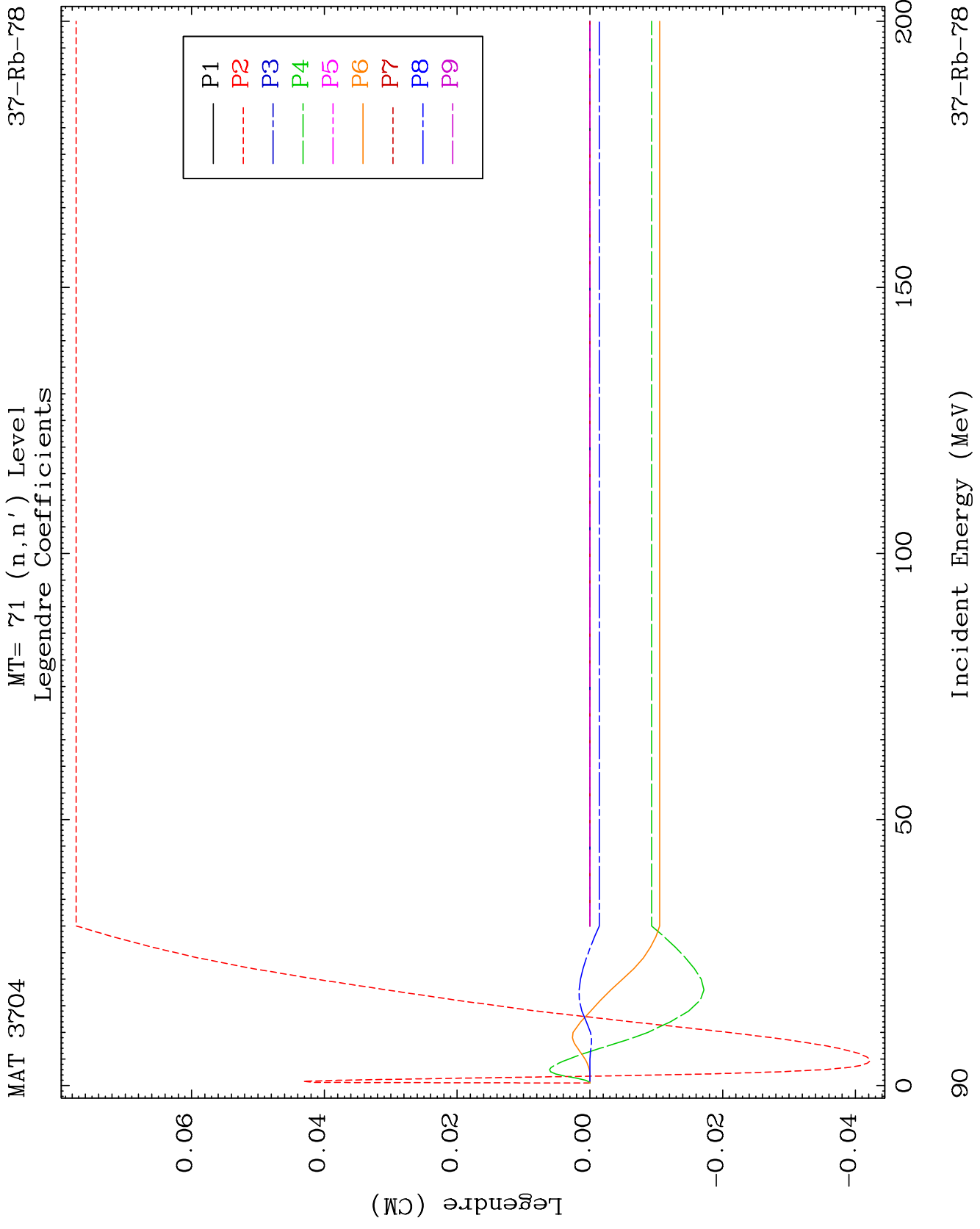


88

Incident Energy (MeV)

37-Rb-78

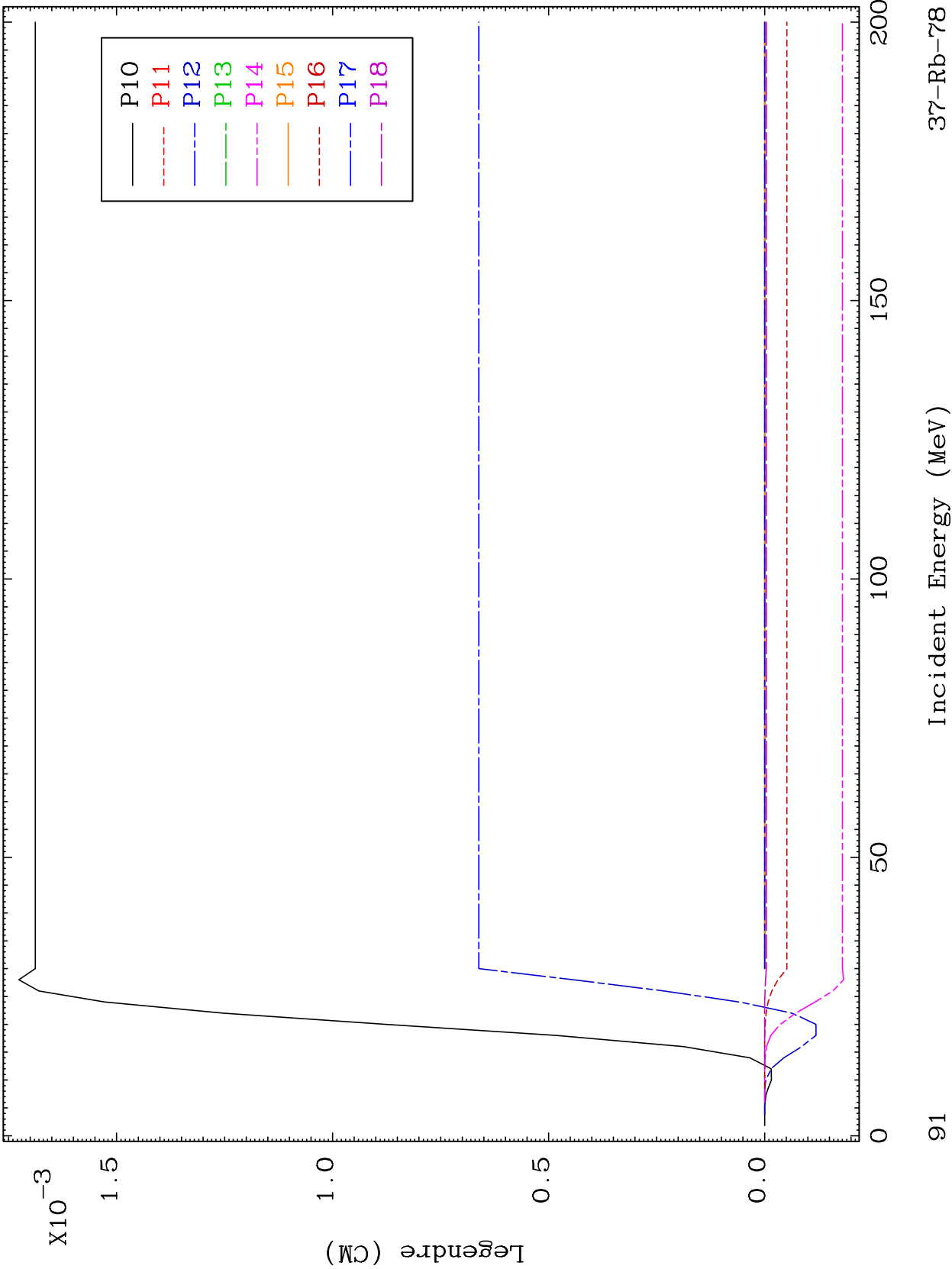




MAT 3704

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

37-Rb-78



91

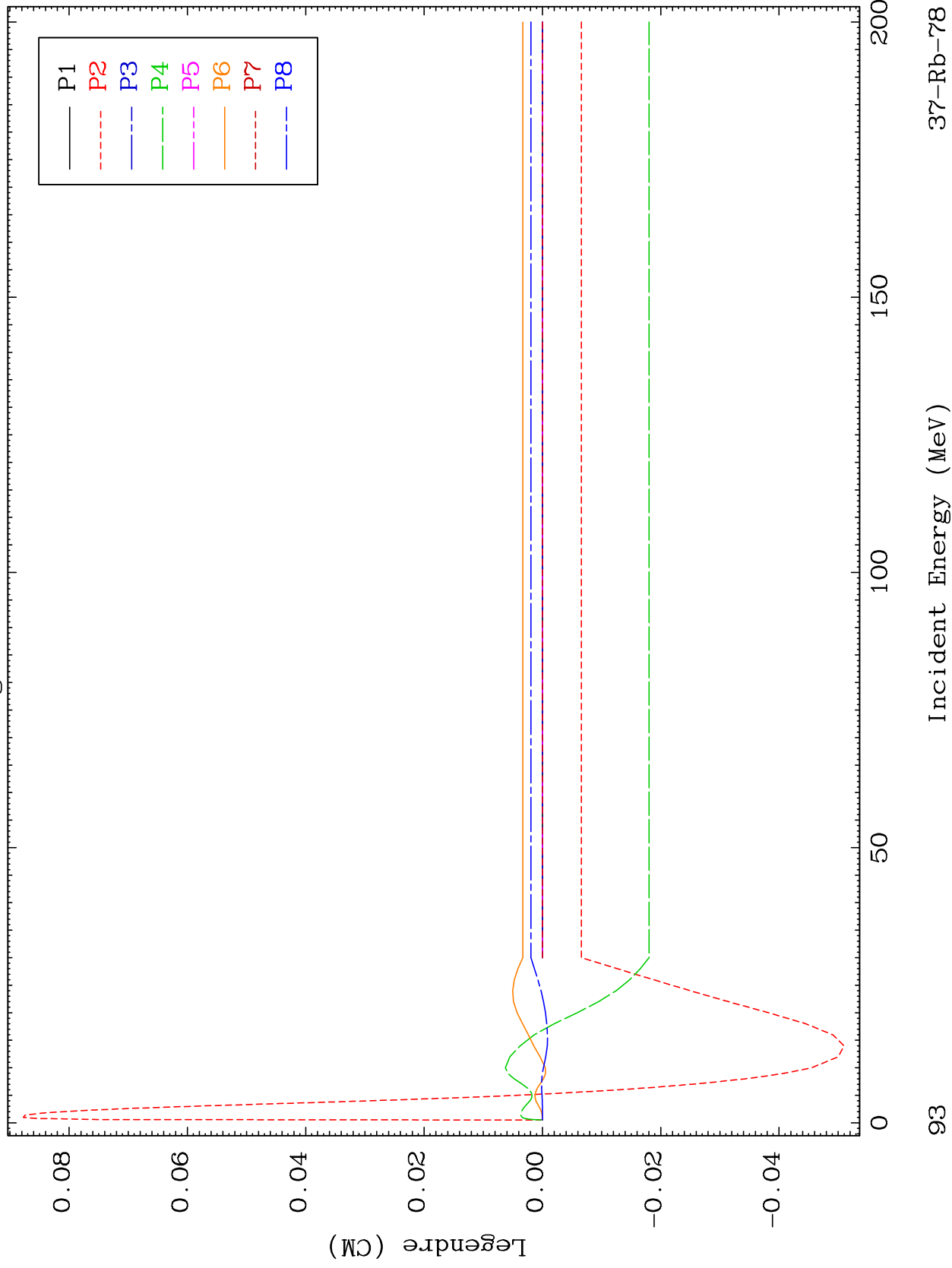
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

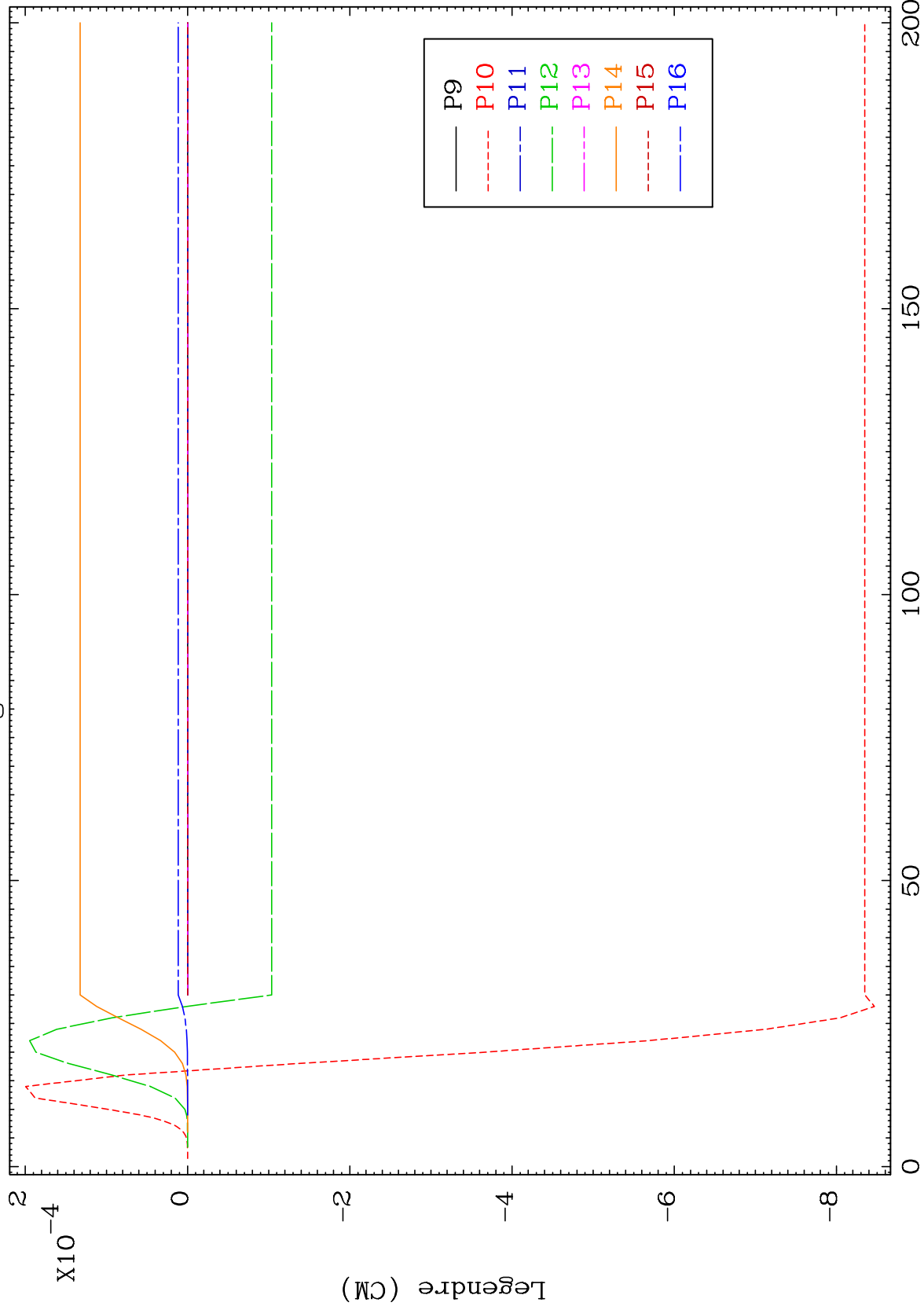
Incident Energy (MeV)

93

MAT 3704

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

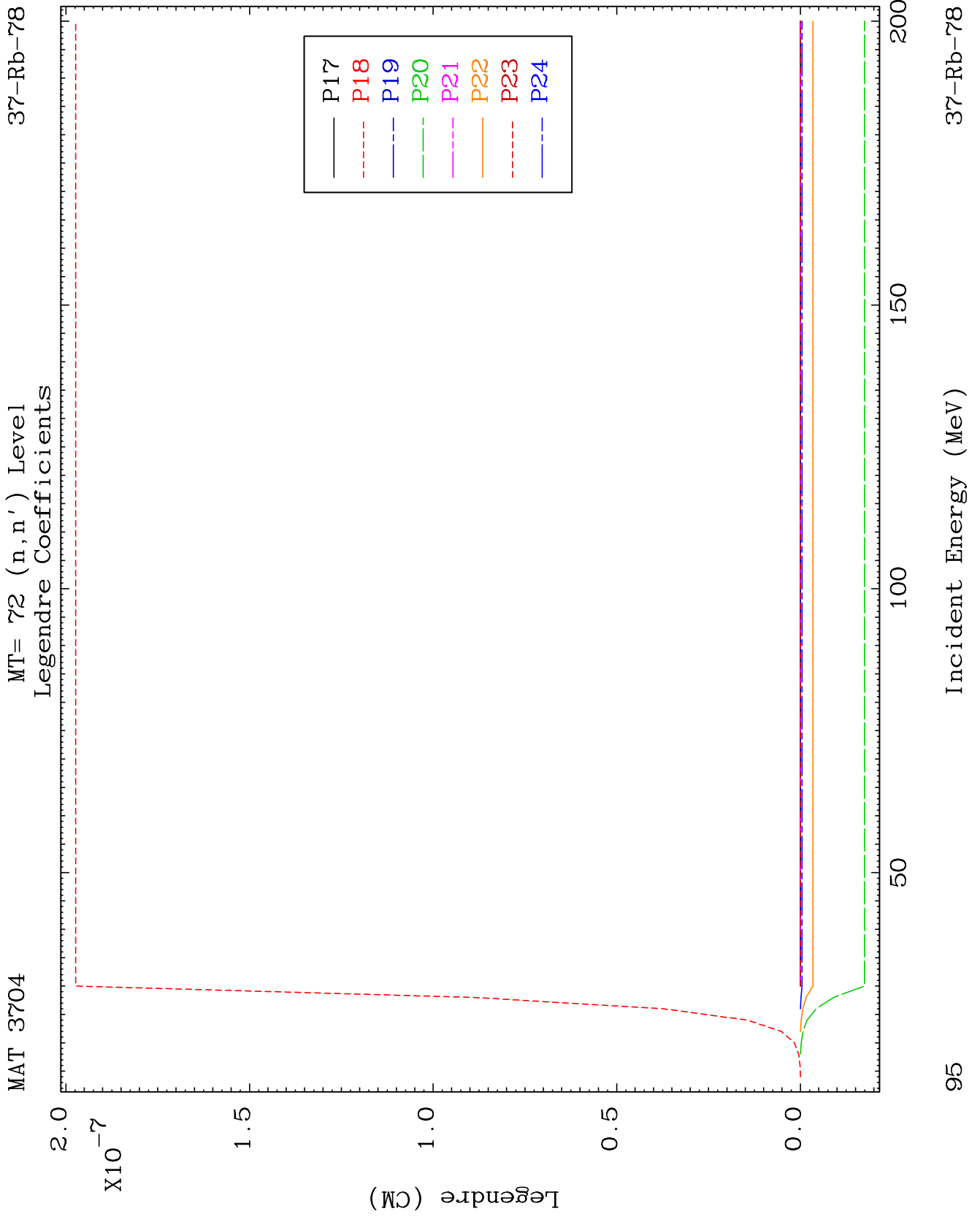
37-Rb-78



94

Incident Energy (MeV)

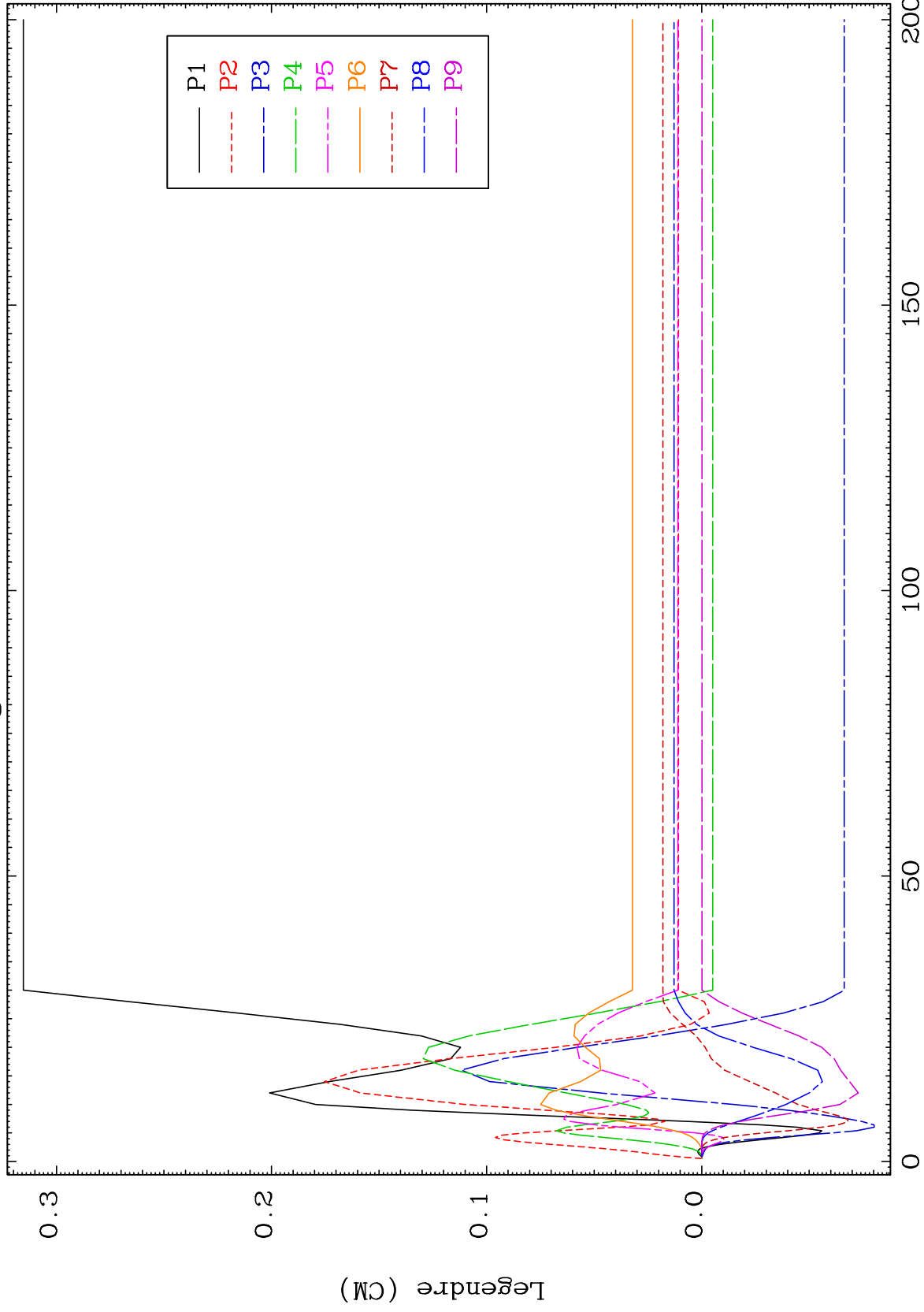
37-Rb-78



MAT 3704

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

37-Rb-78



96

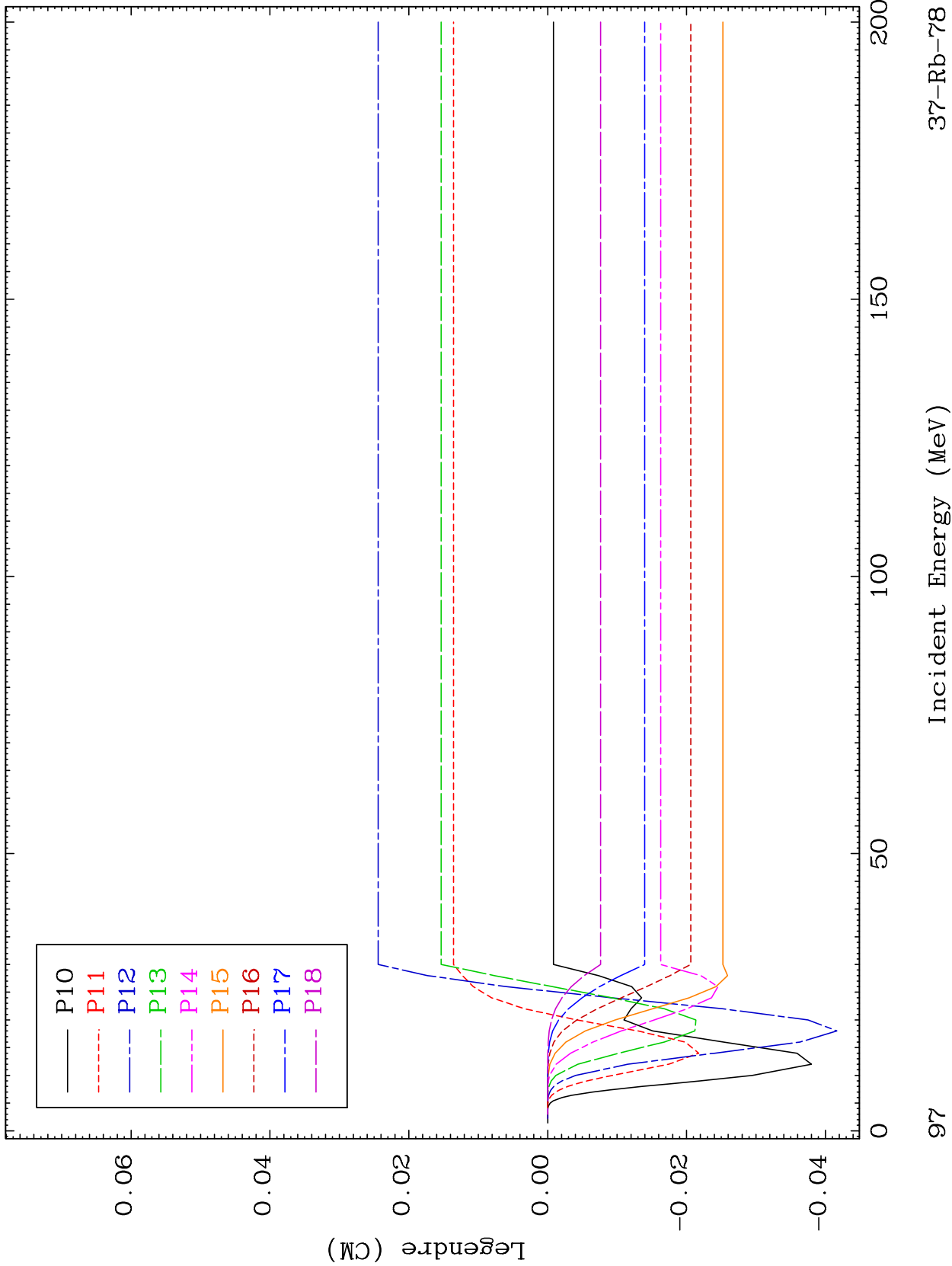
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

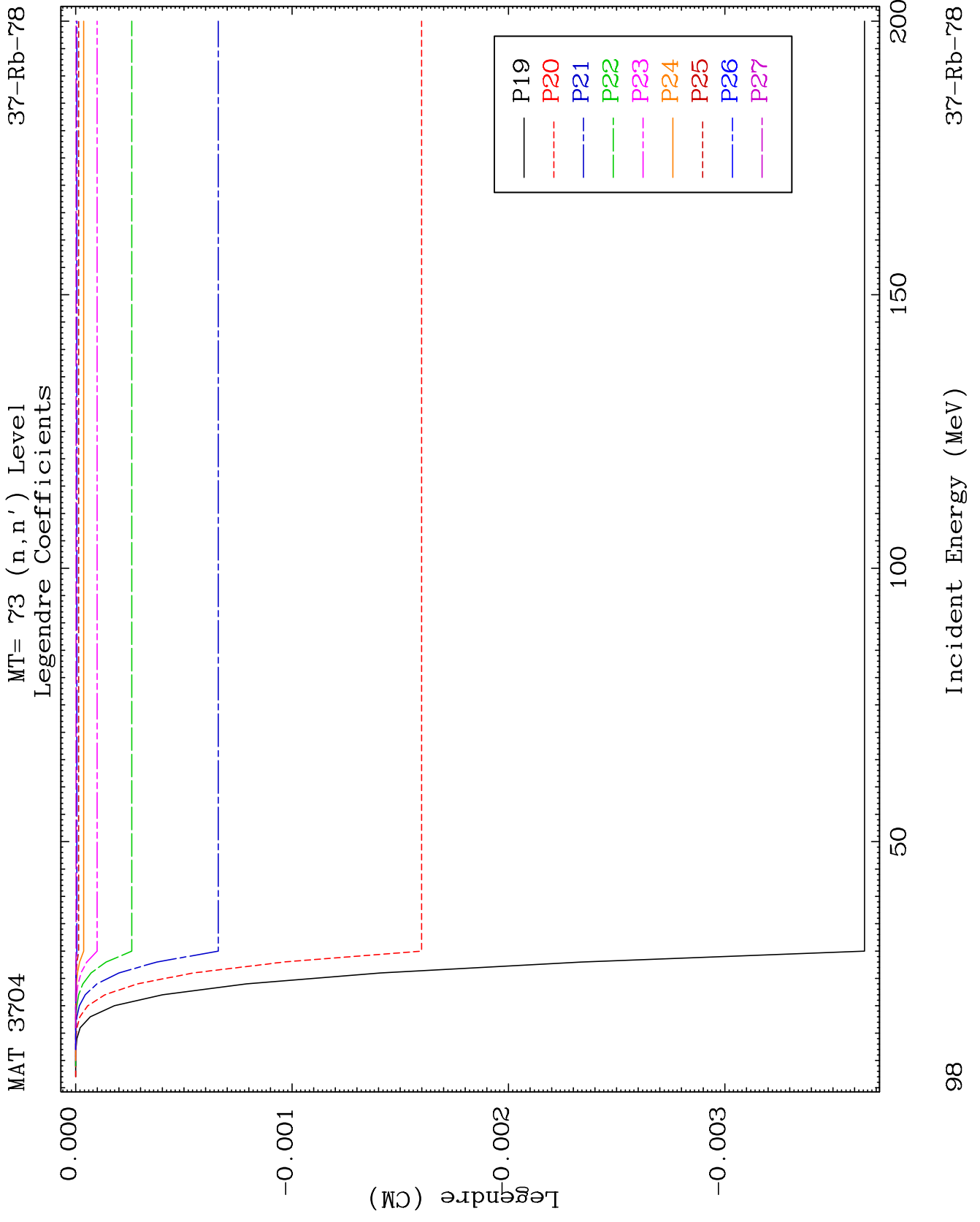
37-Rb-78

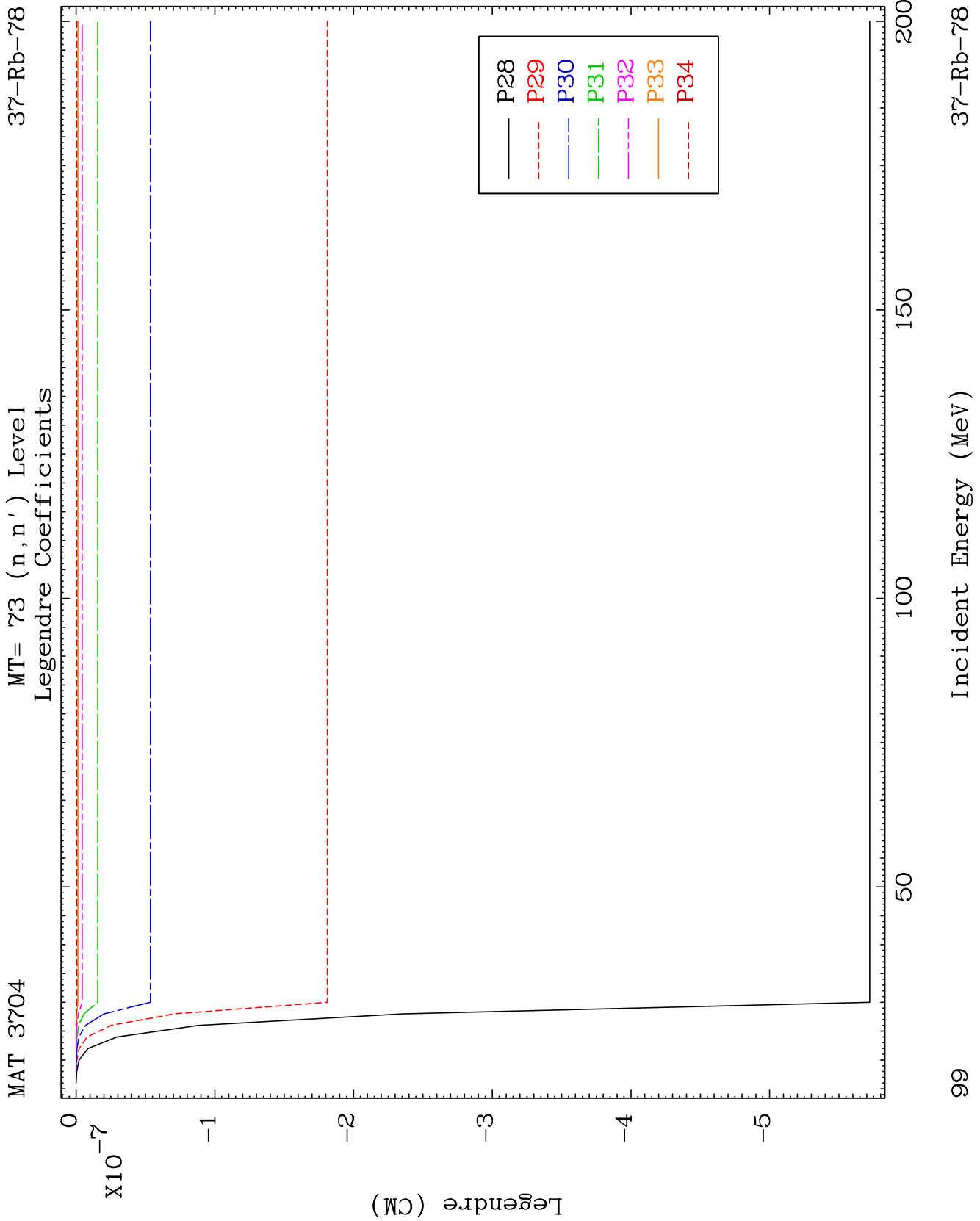


97

Incident Energy (MeV)

37-Rb-78

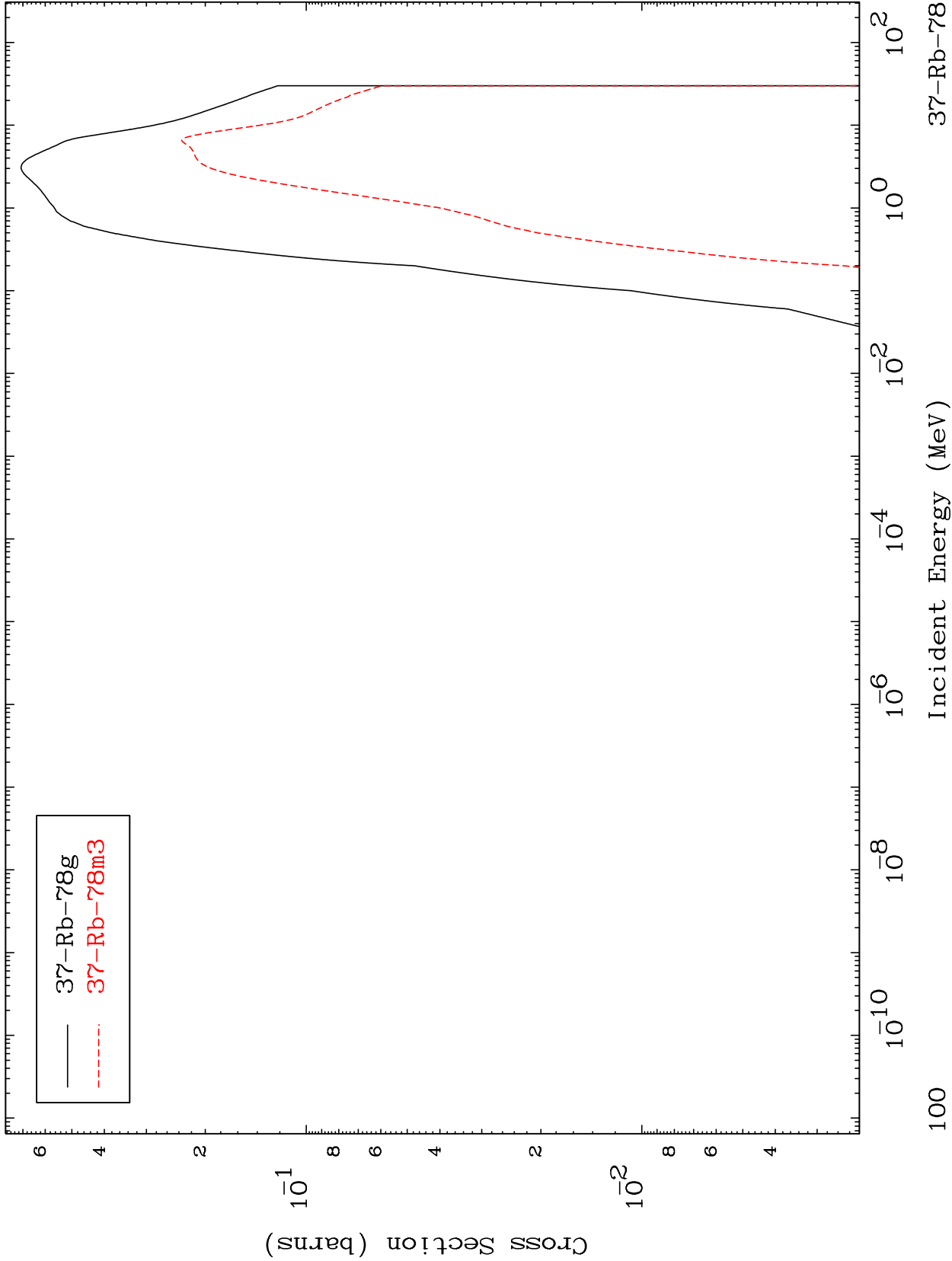




MAT 3704

Inelastic
Radionuclide Production Cross Section

³⁷Rb-78



100

Incident Energy (MeV)

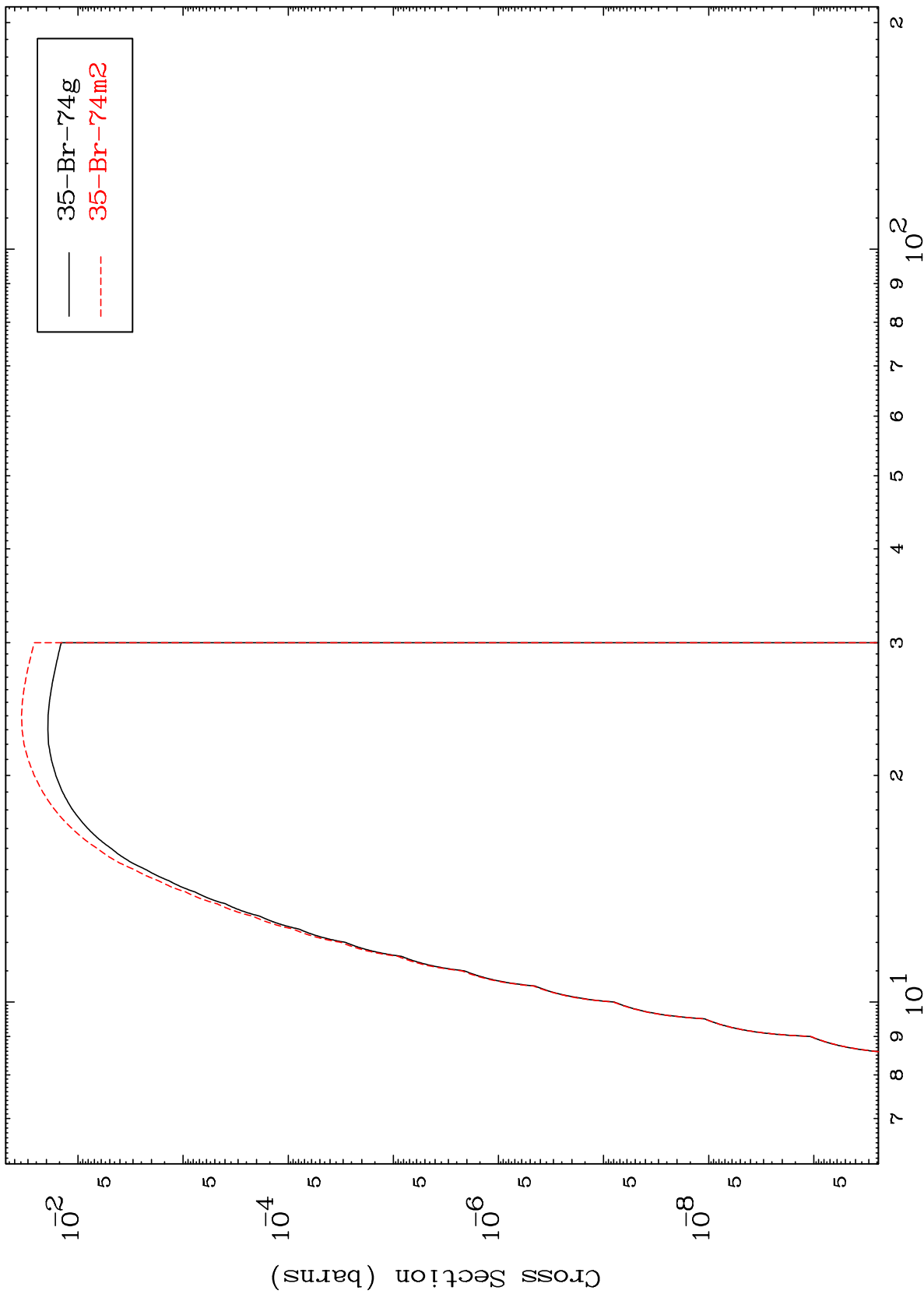
³⁷Rb-78

MAT 3704

37-Rb-78

$(n, n') \alpha$

Radionuclide Production Cross Section

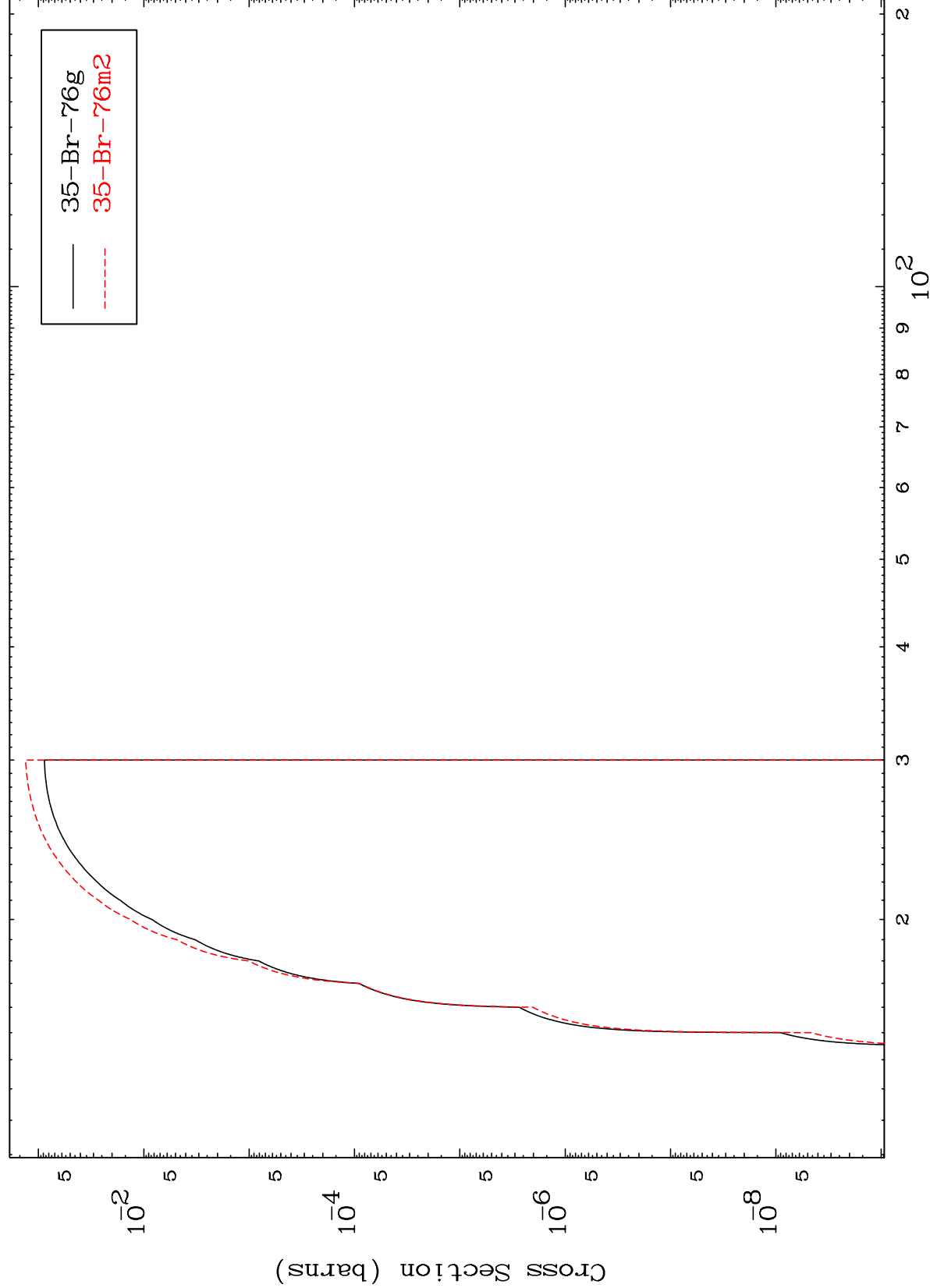


101

Incident Energy (MeV)

37-Rb-78

Radionuclide Production Cross Section

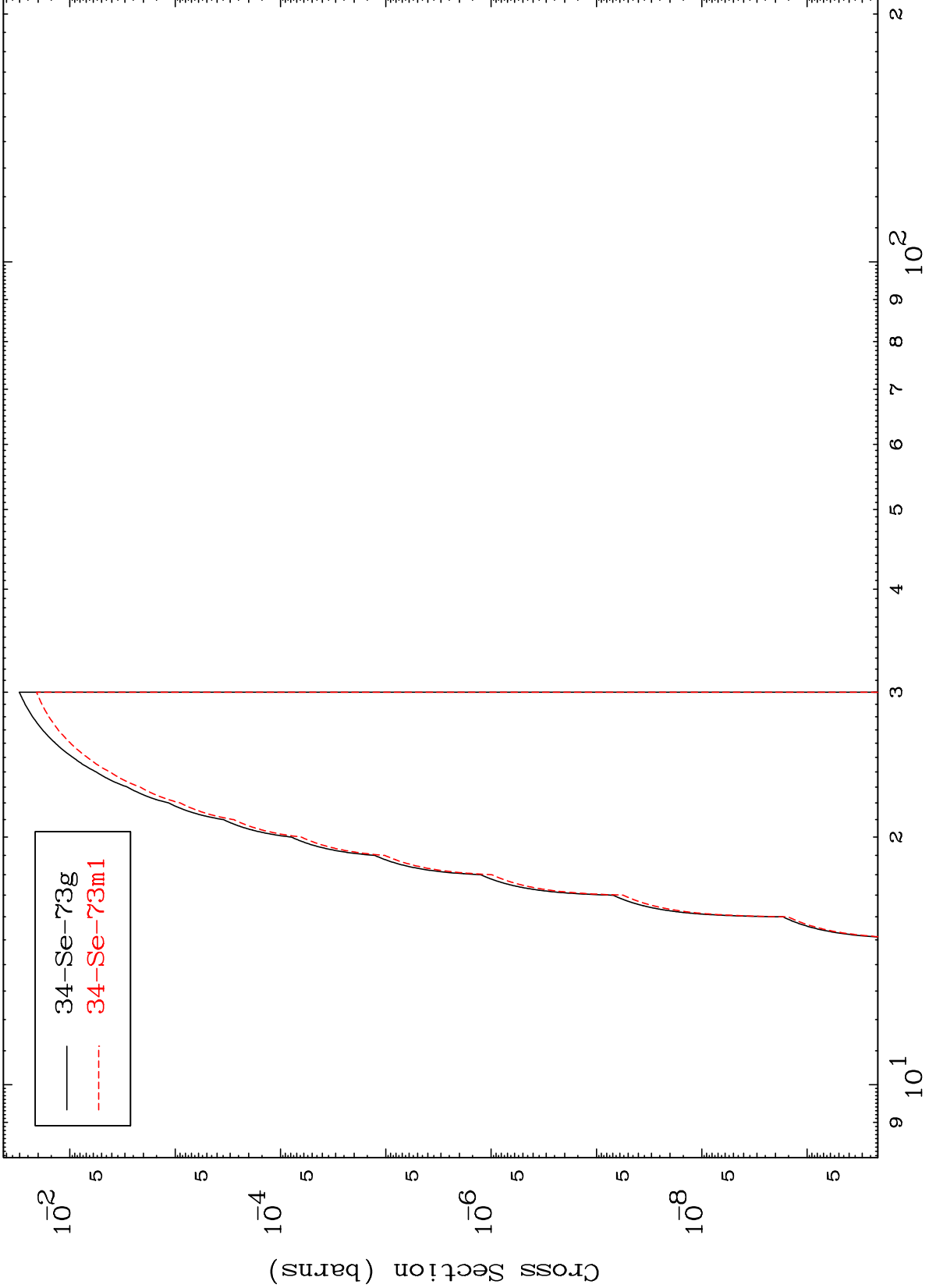


MAT 3704

(n,n') p α

37-Rb-78

Radionuclide Production Cross Section



103

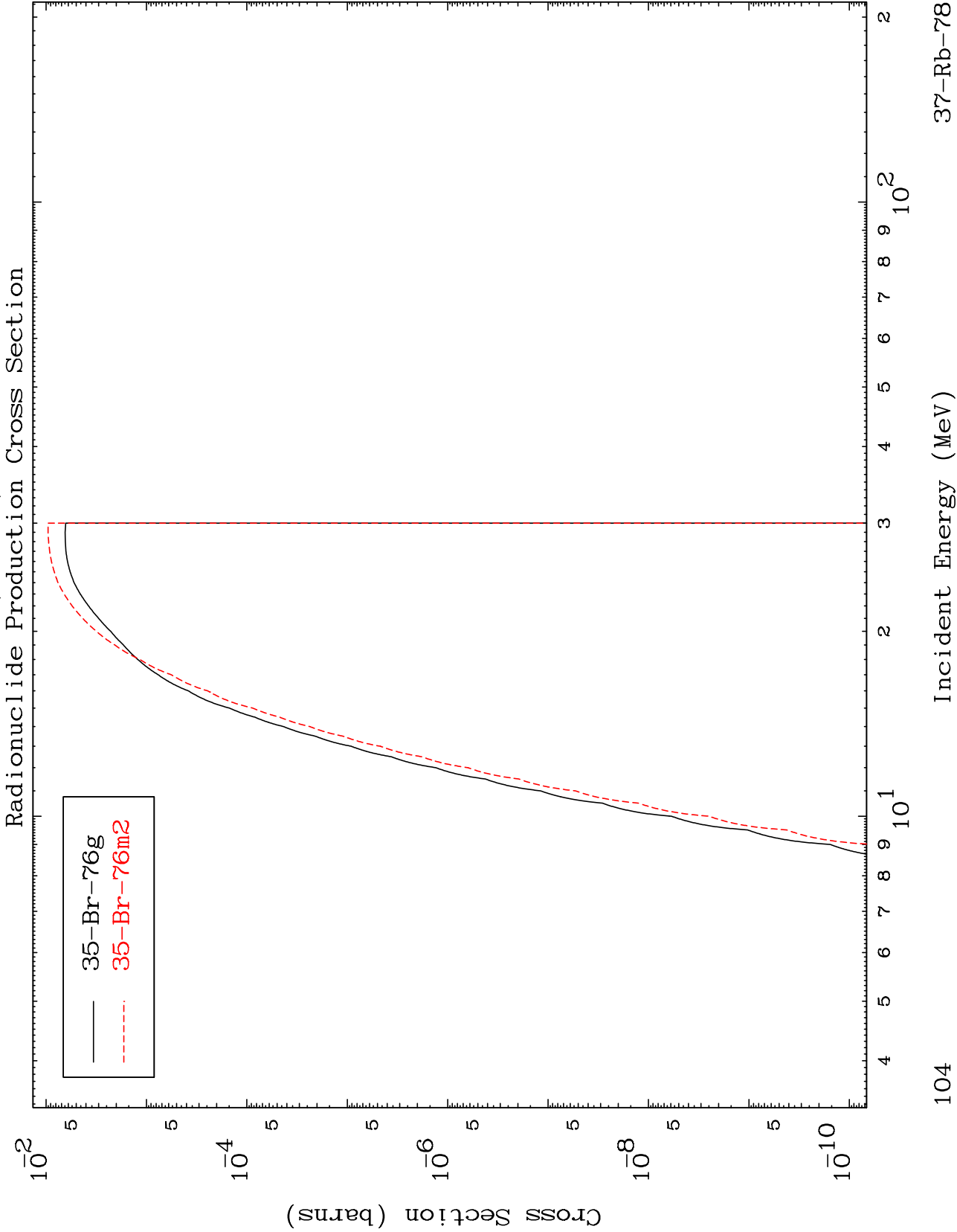
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,He-3)

37-Rb-78



104

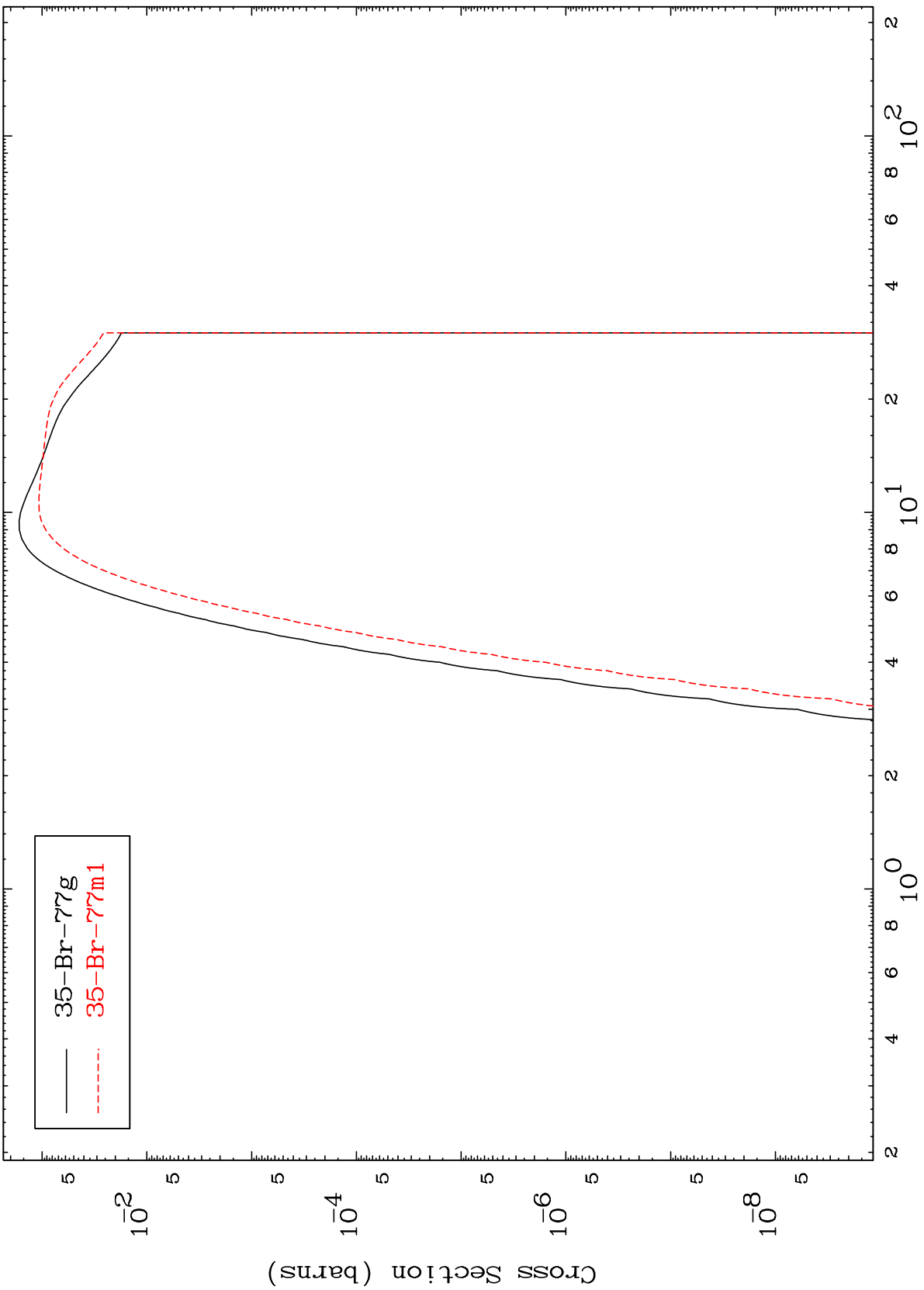
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Radionuclide Production Cross Section (n,2p)



Legend:
— 35-Br-77g
- - - 35-Br-77m1

105

Incident Energy (MeV)

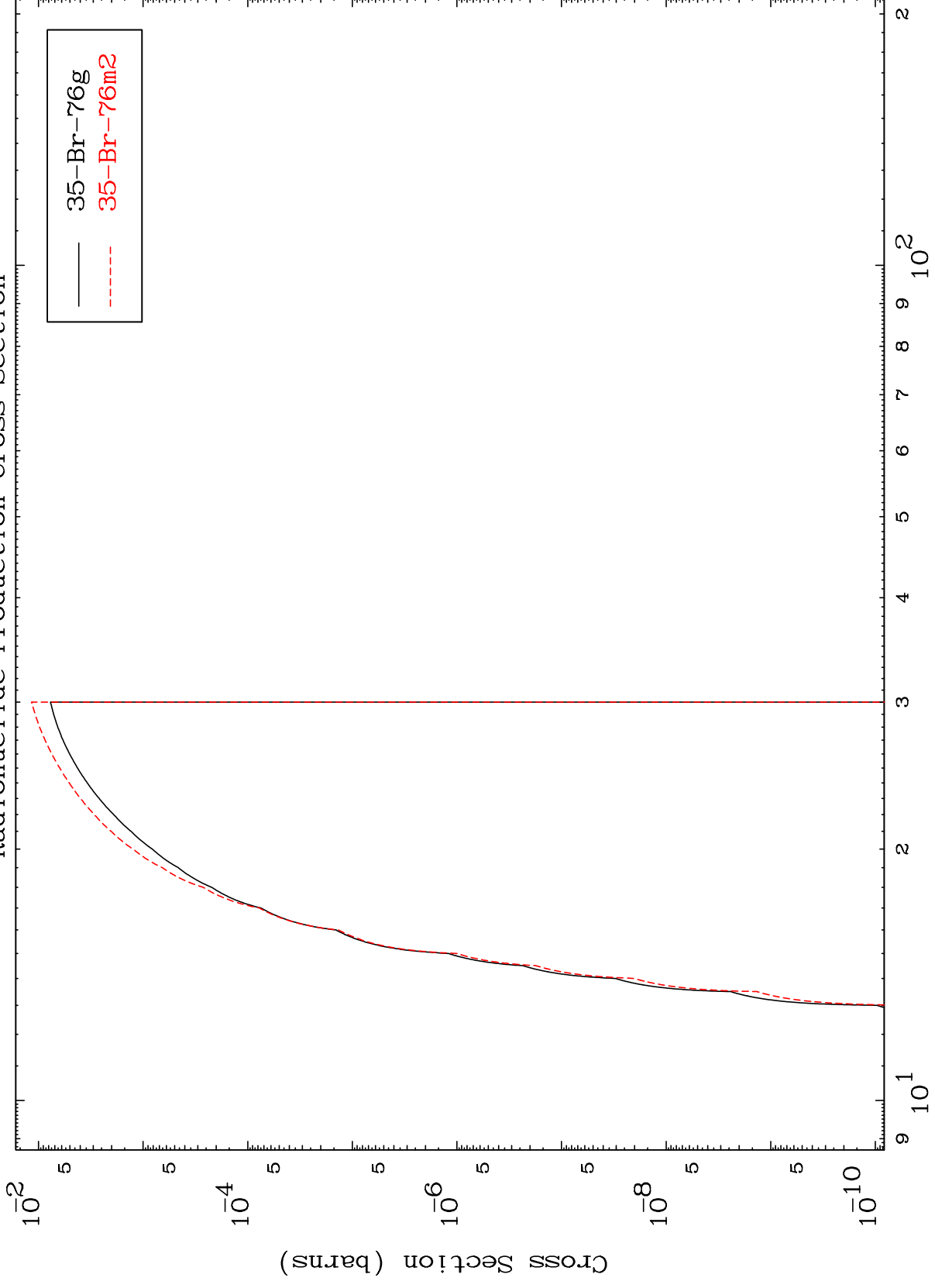
37-Rb-78

MAT 3704

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



106

Incident Energy (MeV)

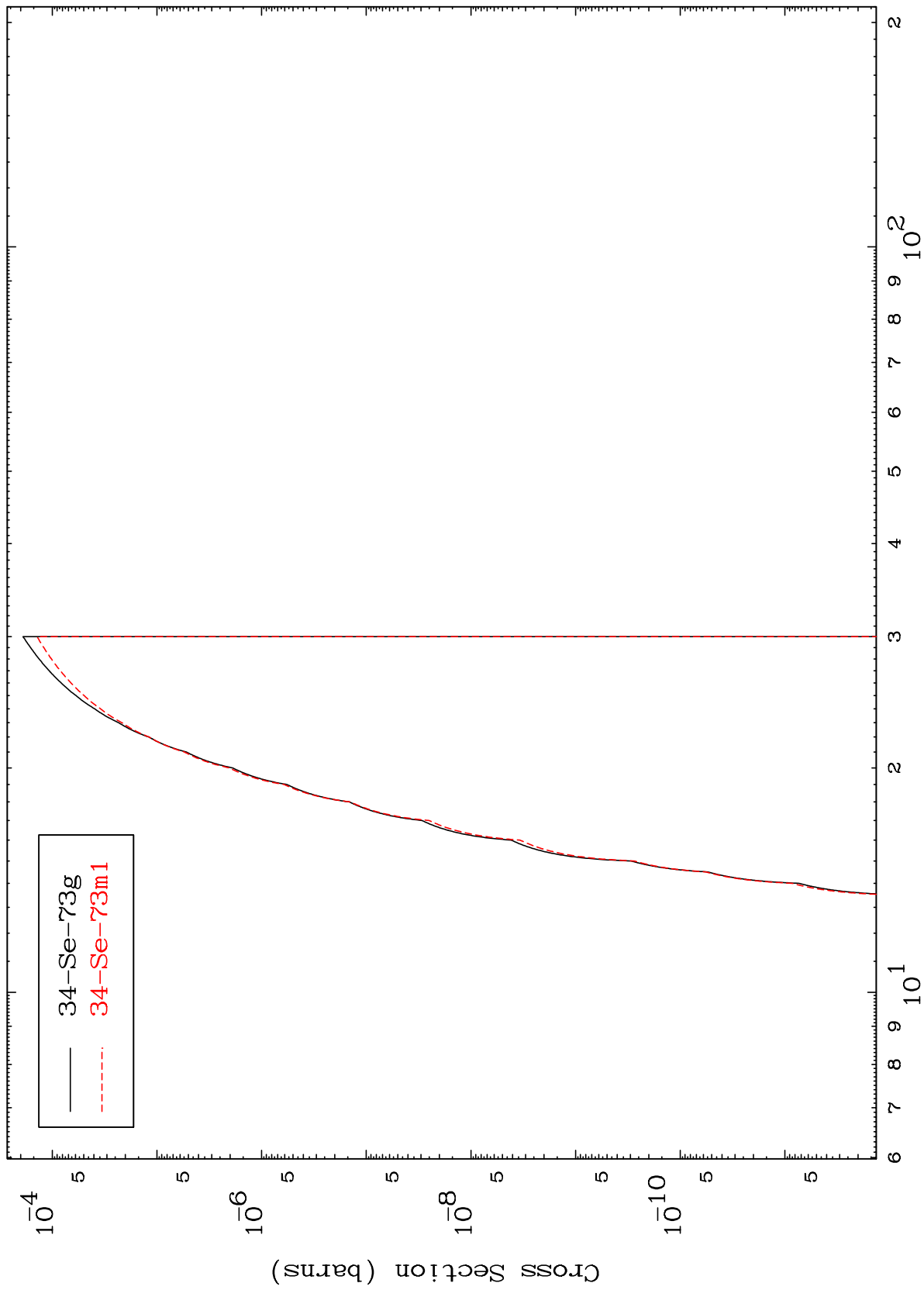
37-Rb-78

MAT 3704

37-Rb-78

(n,d) α

Radionuclide Production Cross Section



107

Incident Energy (MeV)

37-Rb-78