

Program EVALPLOT
(Version 2018-1)

by

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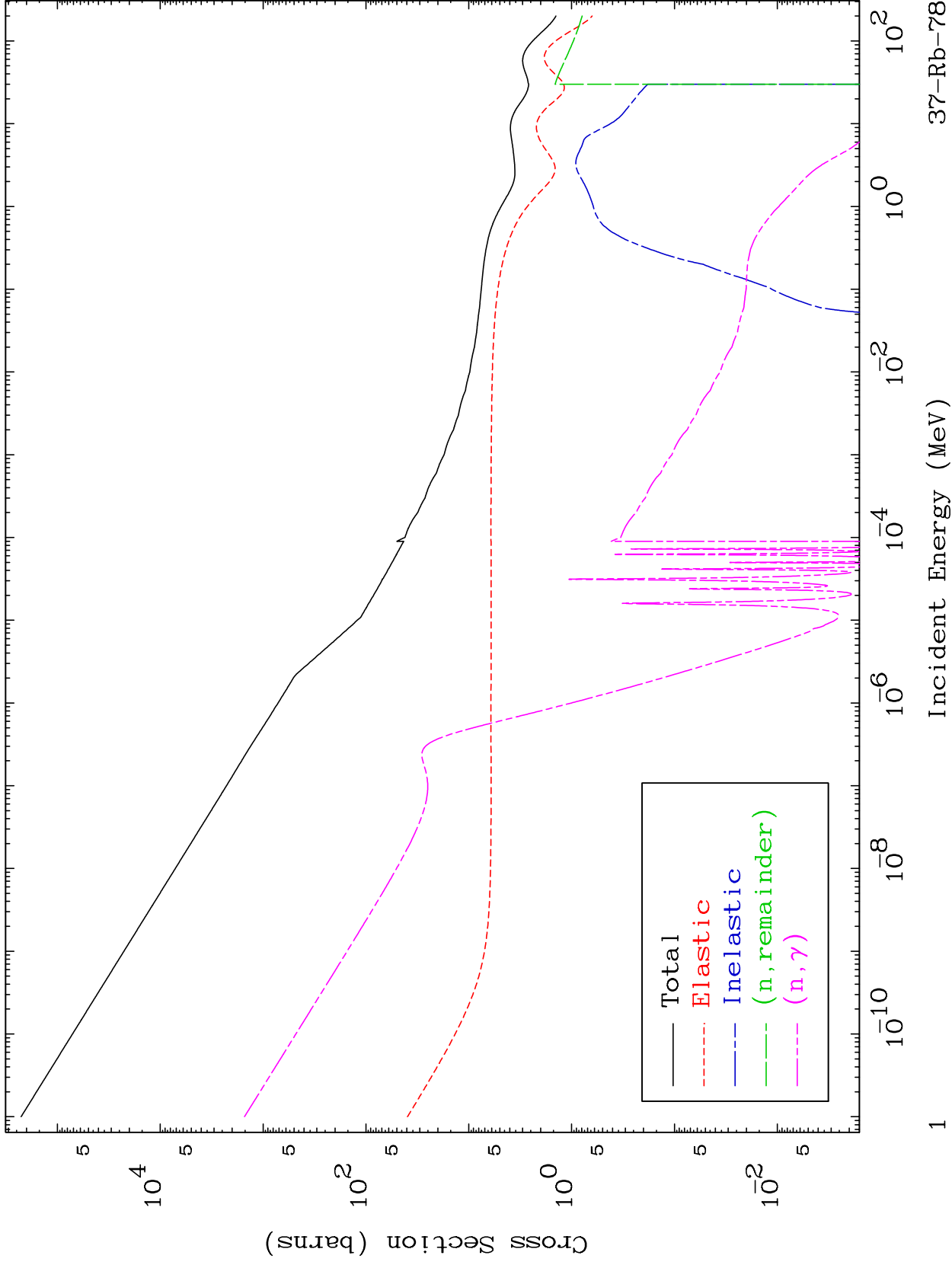
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3704

Major
293 Kelvin Cross Sections

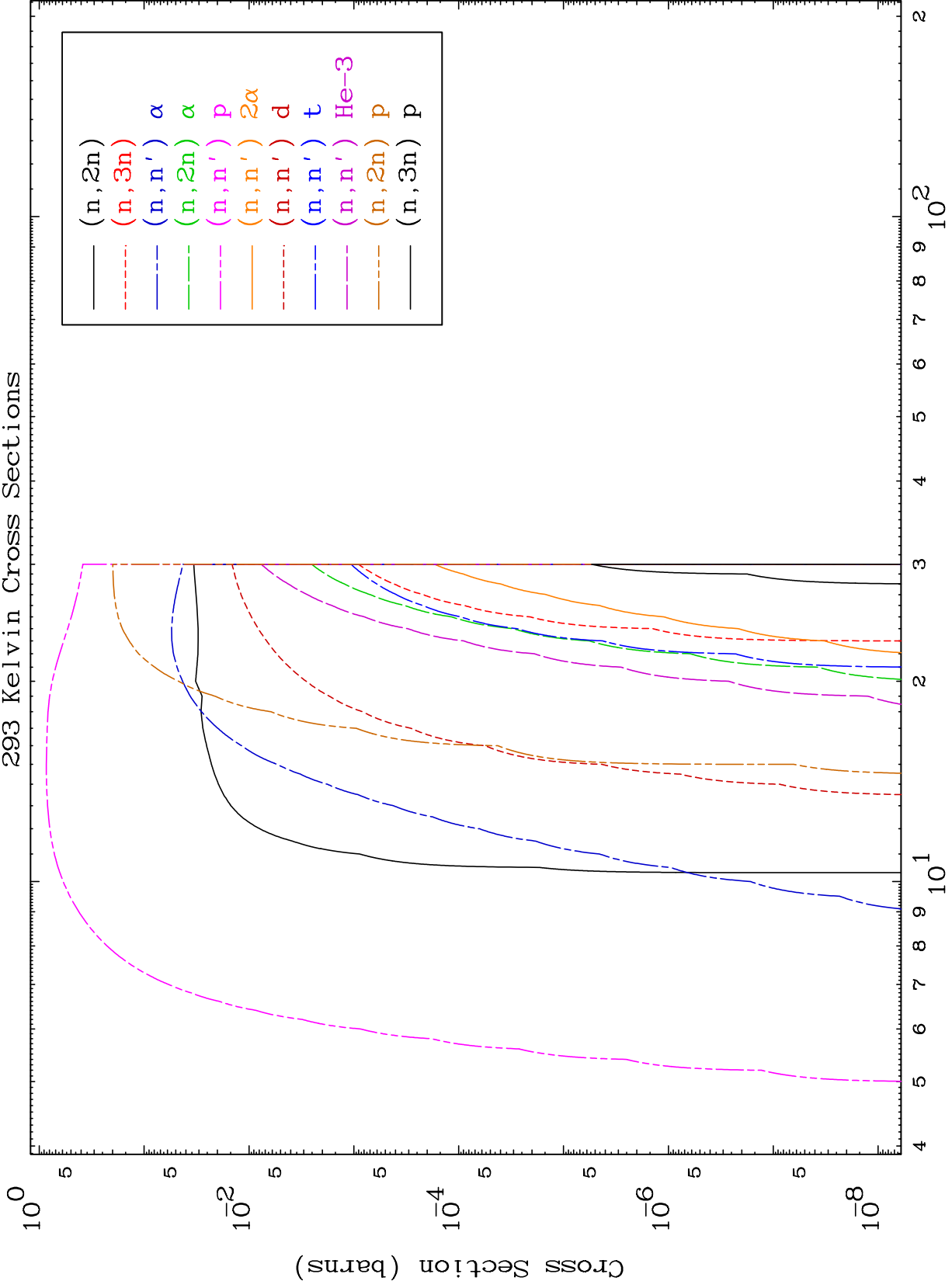
37-Rb-78



MAT 3704

Neutron Production
293 Kelvin Cross Sections

37-Rb-78



2

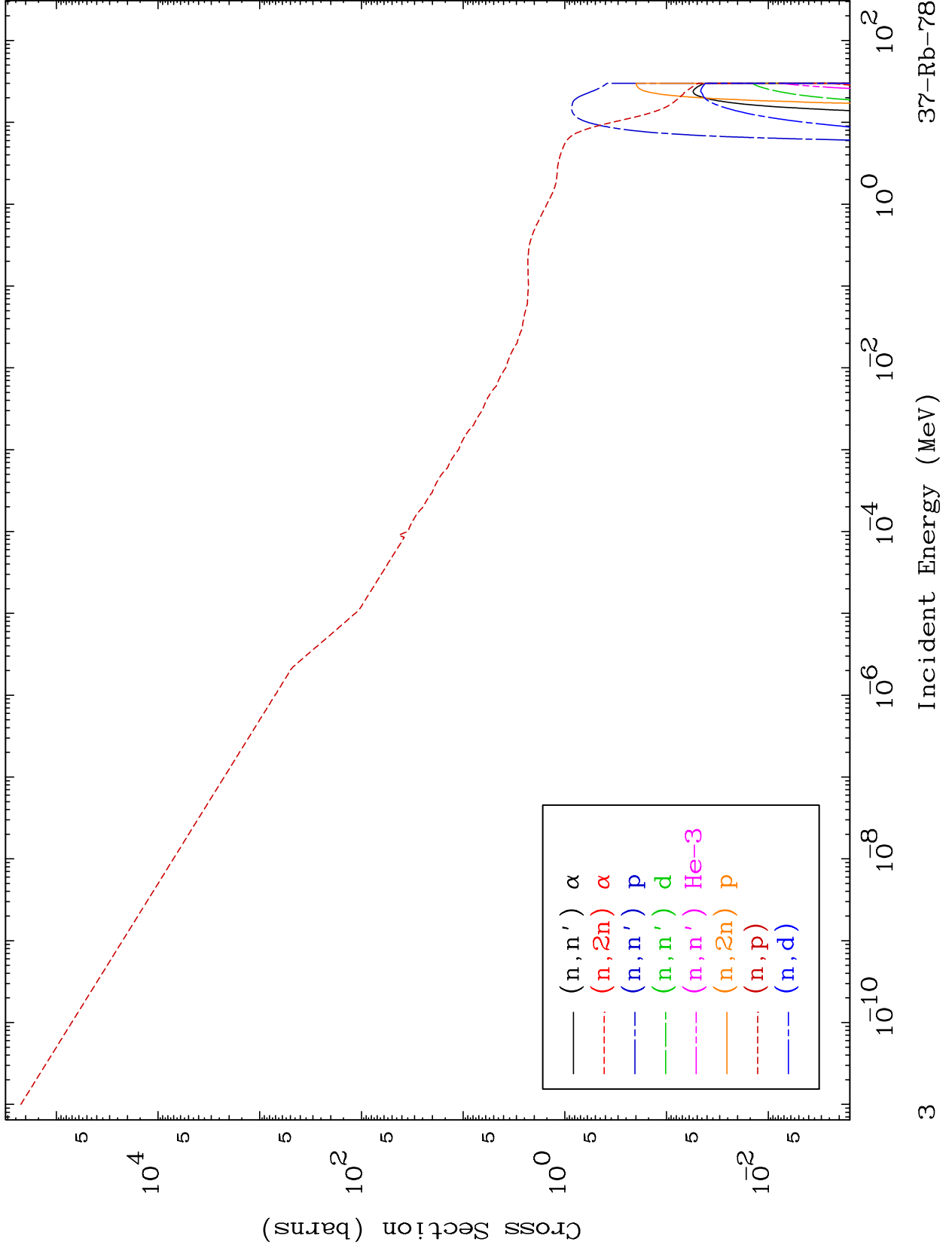
Incident Energy (MeV)

37-Rb-78

MAT 3704

Charged Particle
293 Kelvin Cross Sections

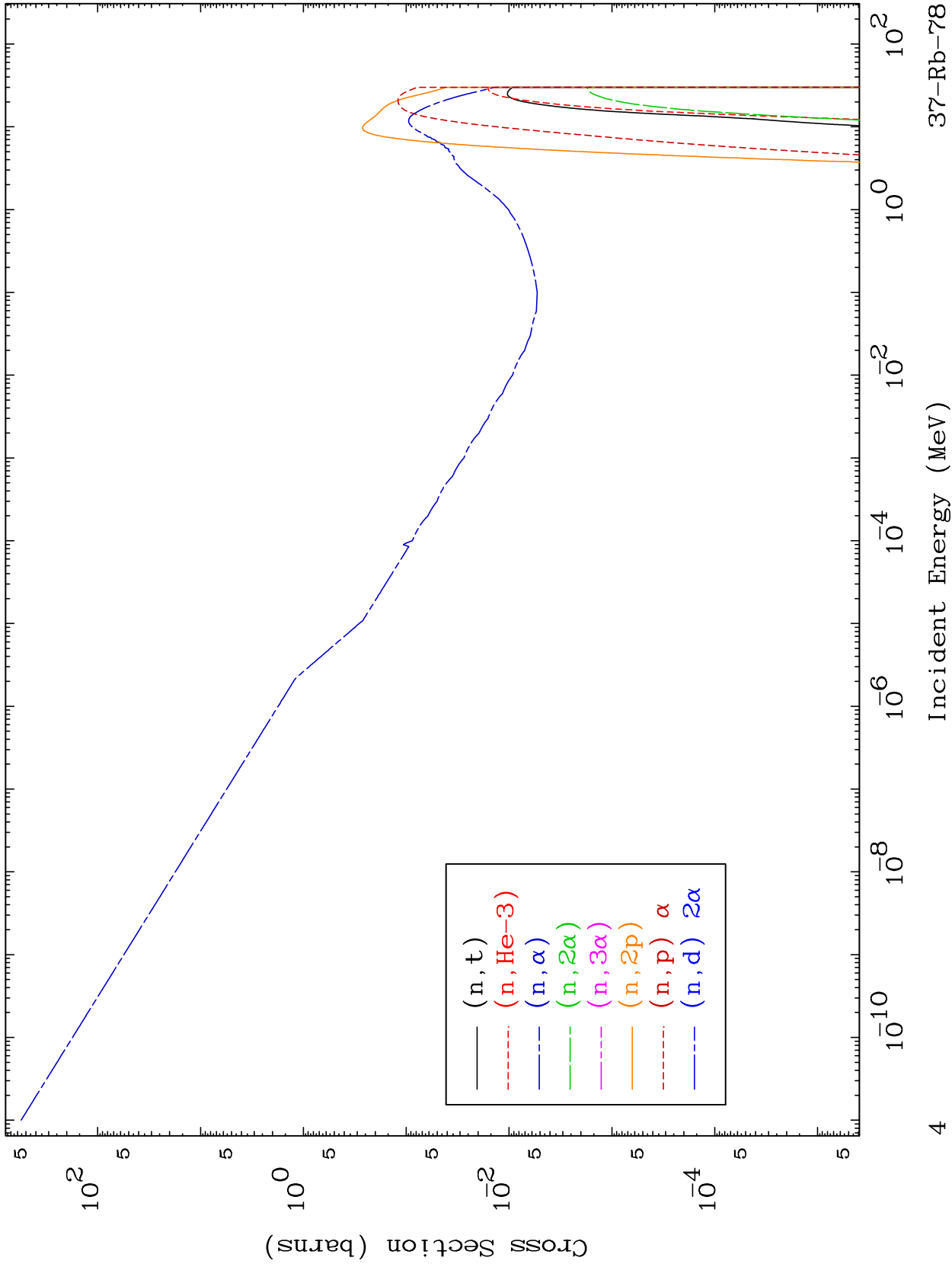
37-Rb-78



MAT 3704

Charged Particle
293 Kelvin Cross Sections

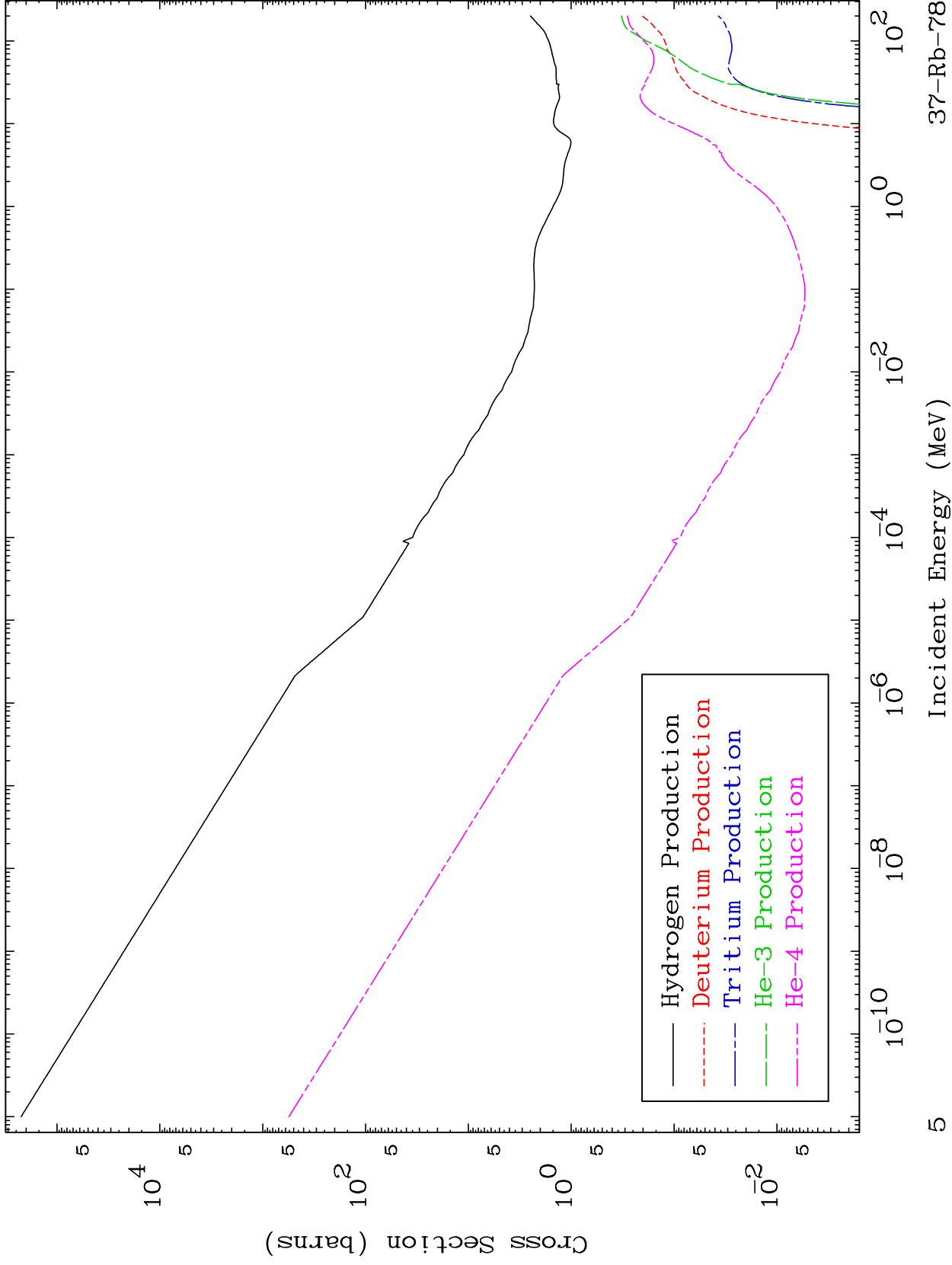
37-Rb-78



MAT 3704

Particle Production
293 Kelvin Cross Sections

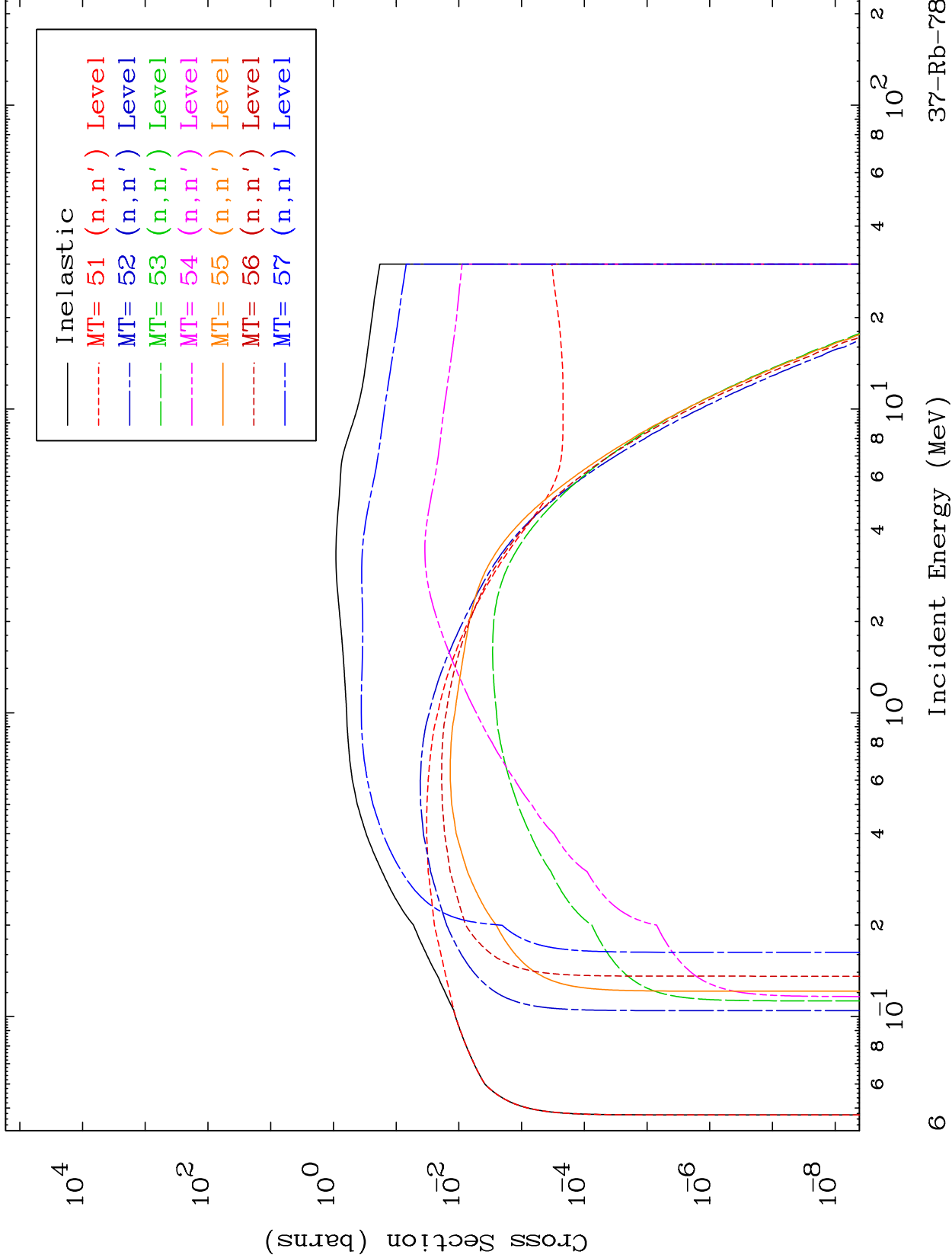
37-Rb-78



MAT 3704

(n,n') Level
293 Kelvin Cross Sections

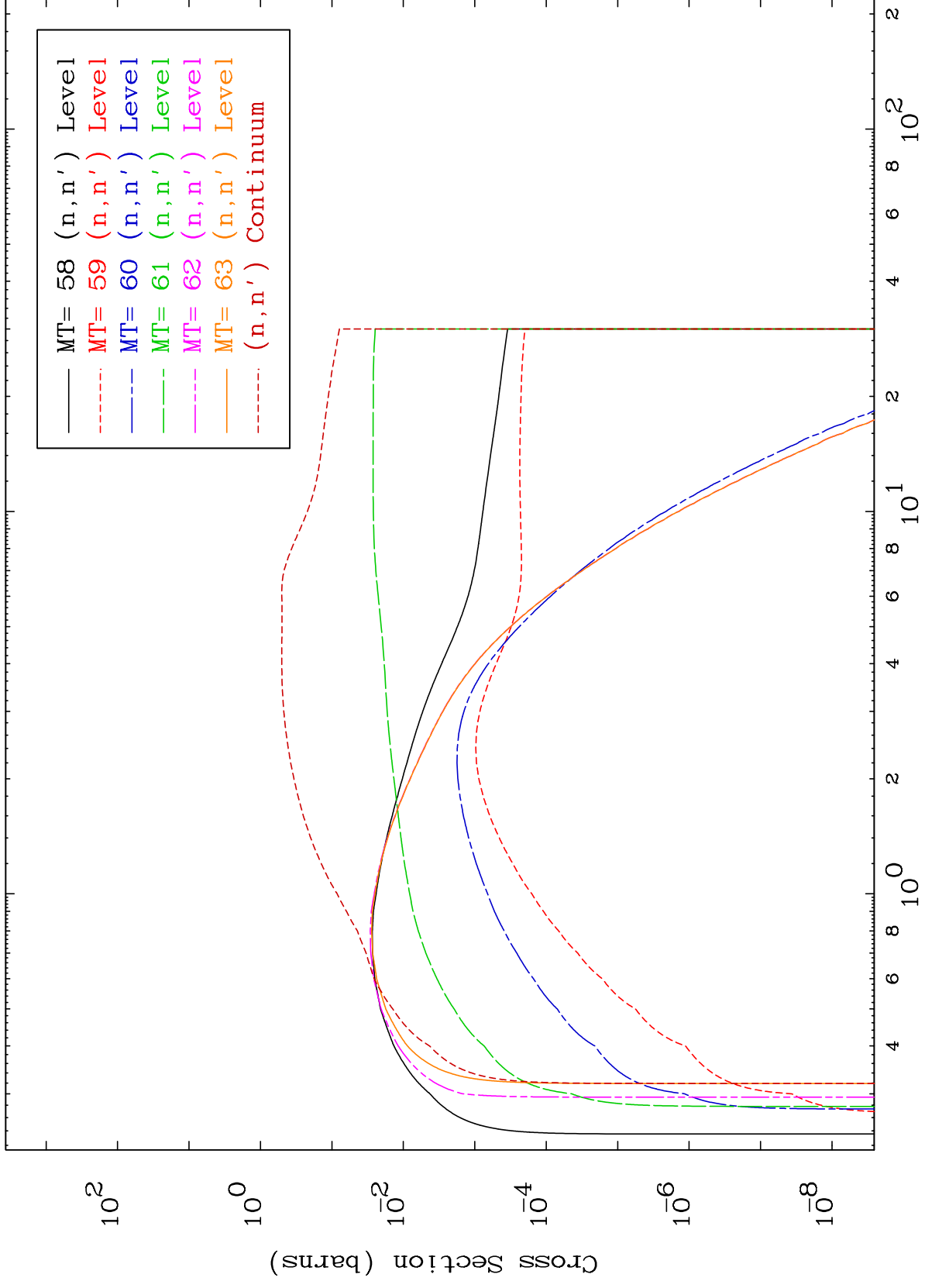
37-Rb-78



MAT 3704

(n,n') Level
293 Kelvin Cross Sections

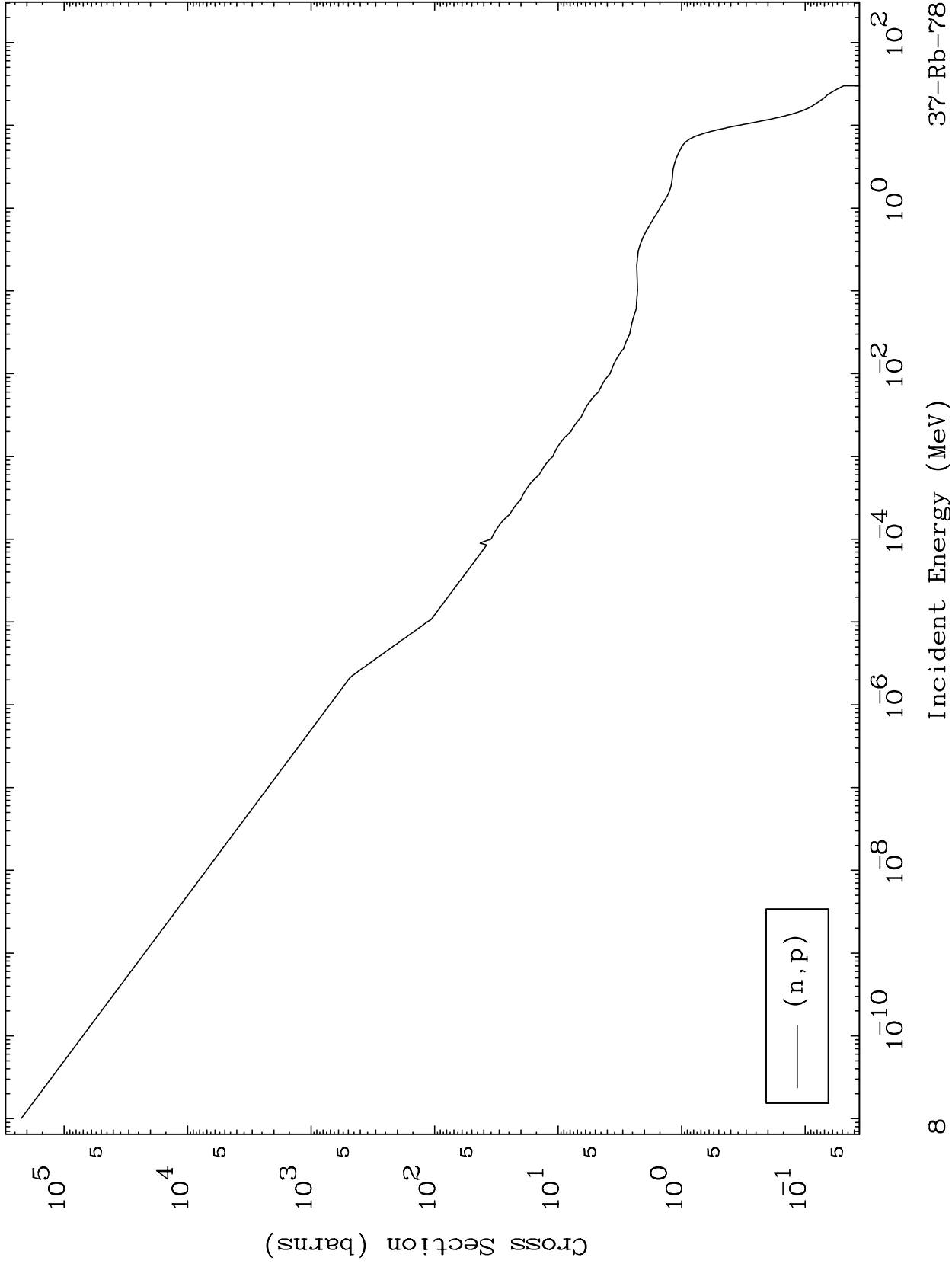
37-Rb-78



MAT 3704

(n,p) Levels
293 Kelvin Cross Sections

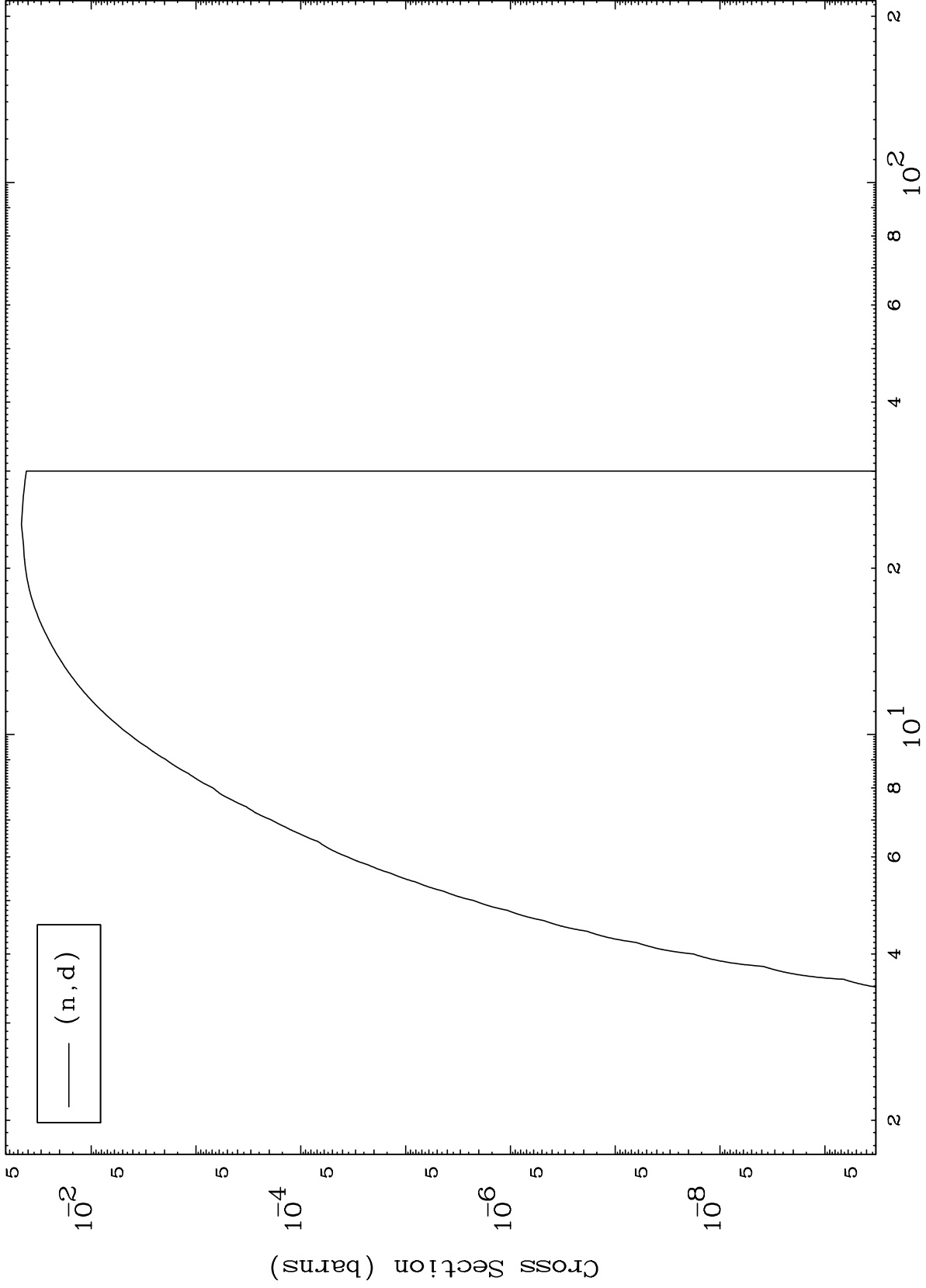
37-Rb-78



MAT 3704

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78



9

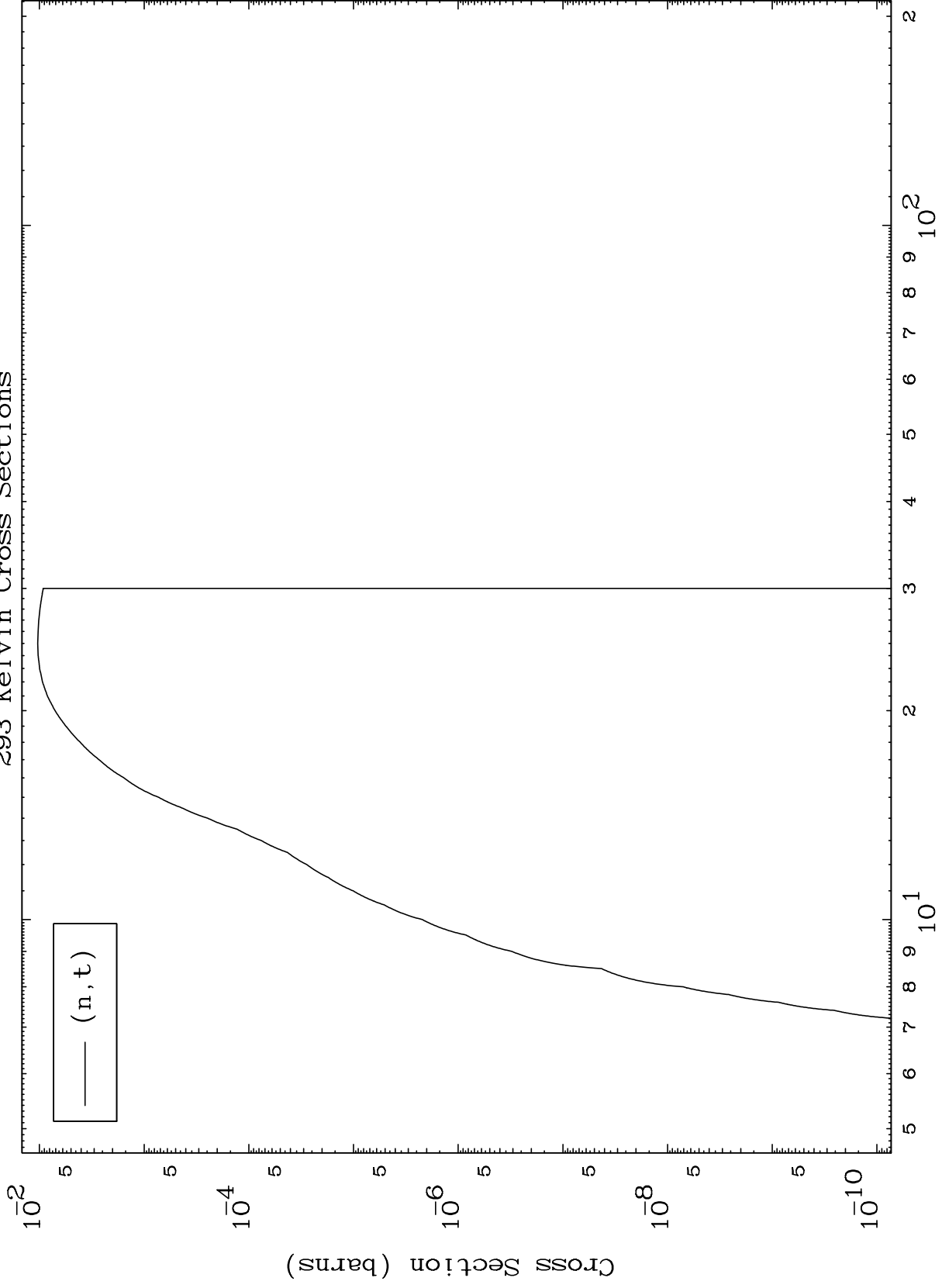
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78



10

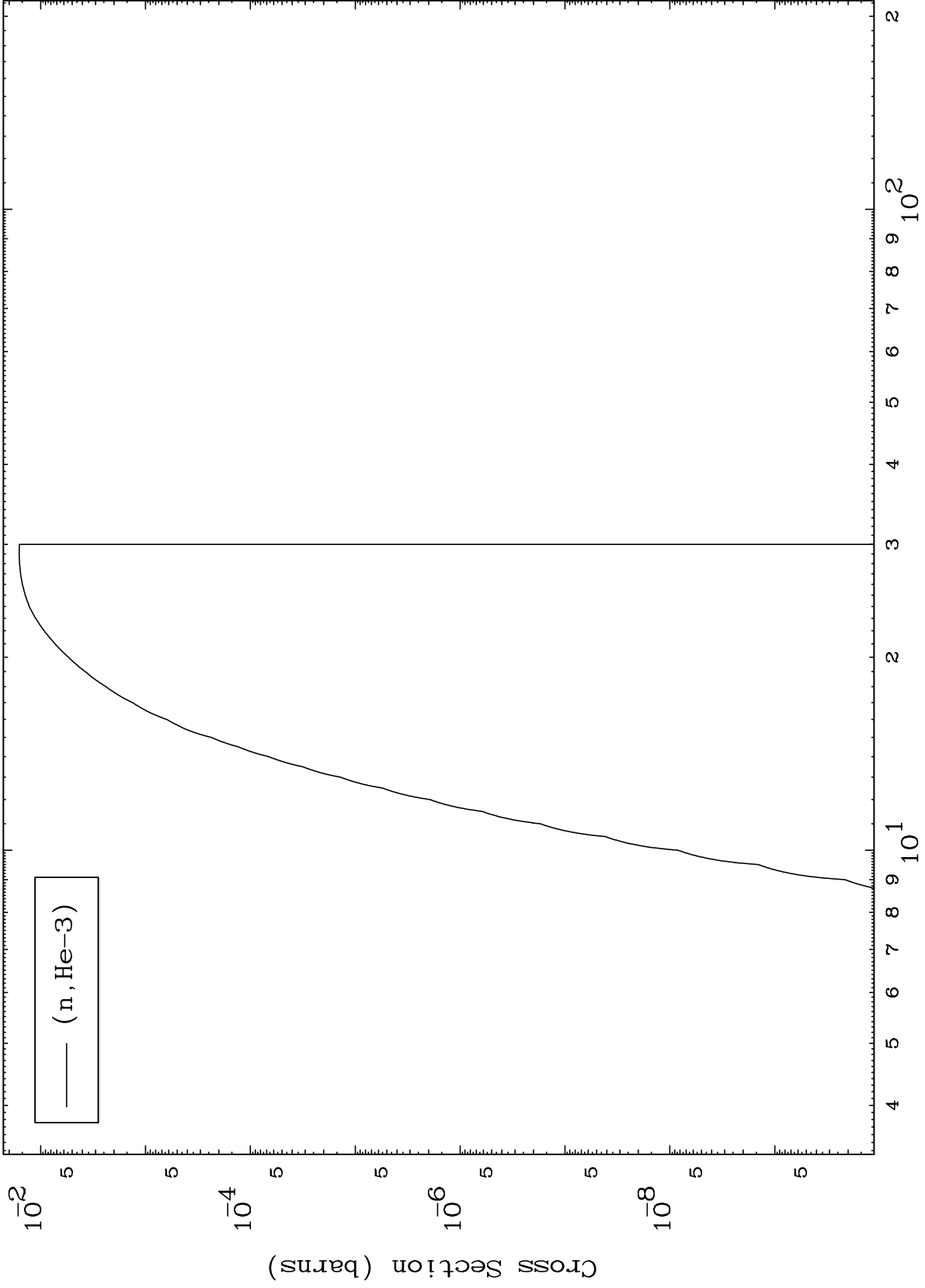
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-78



11

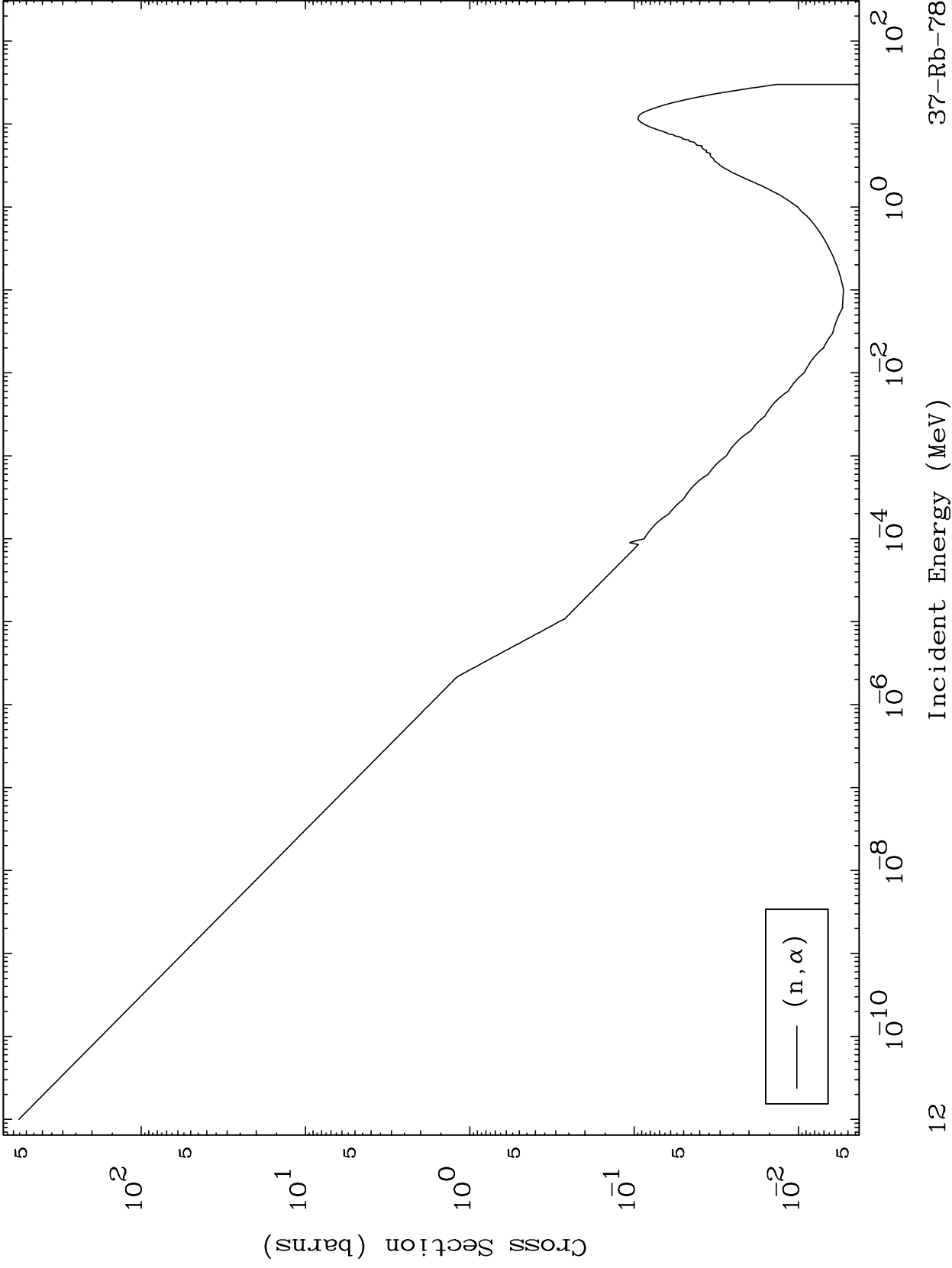
Incident Energy (MeV)

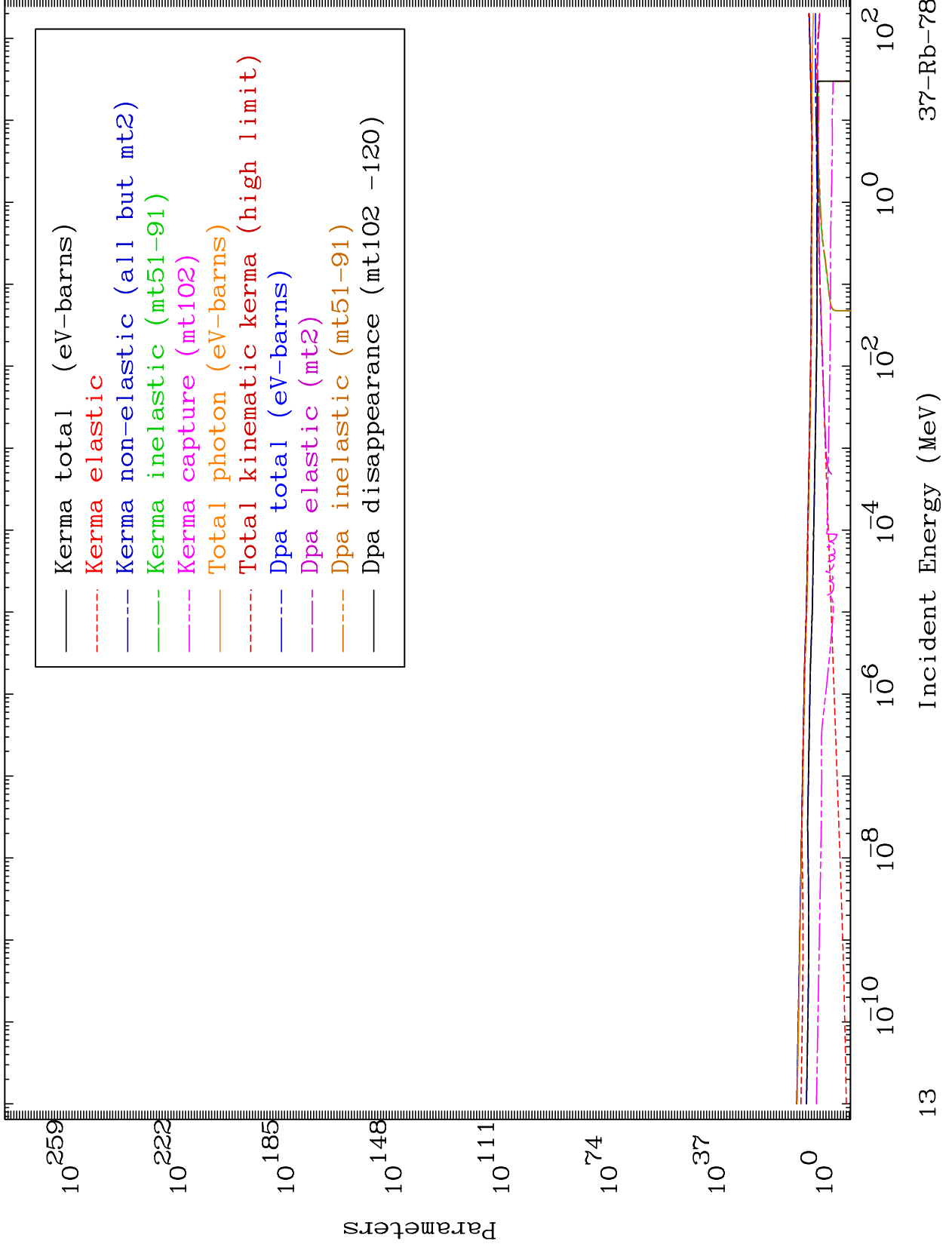
37-Rb-78

MAT 3704

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-78

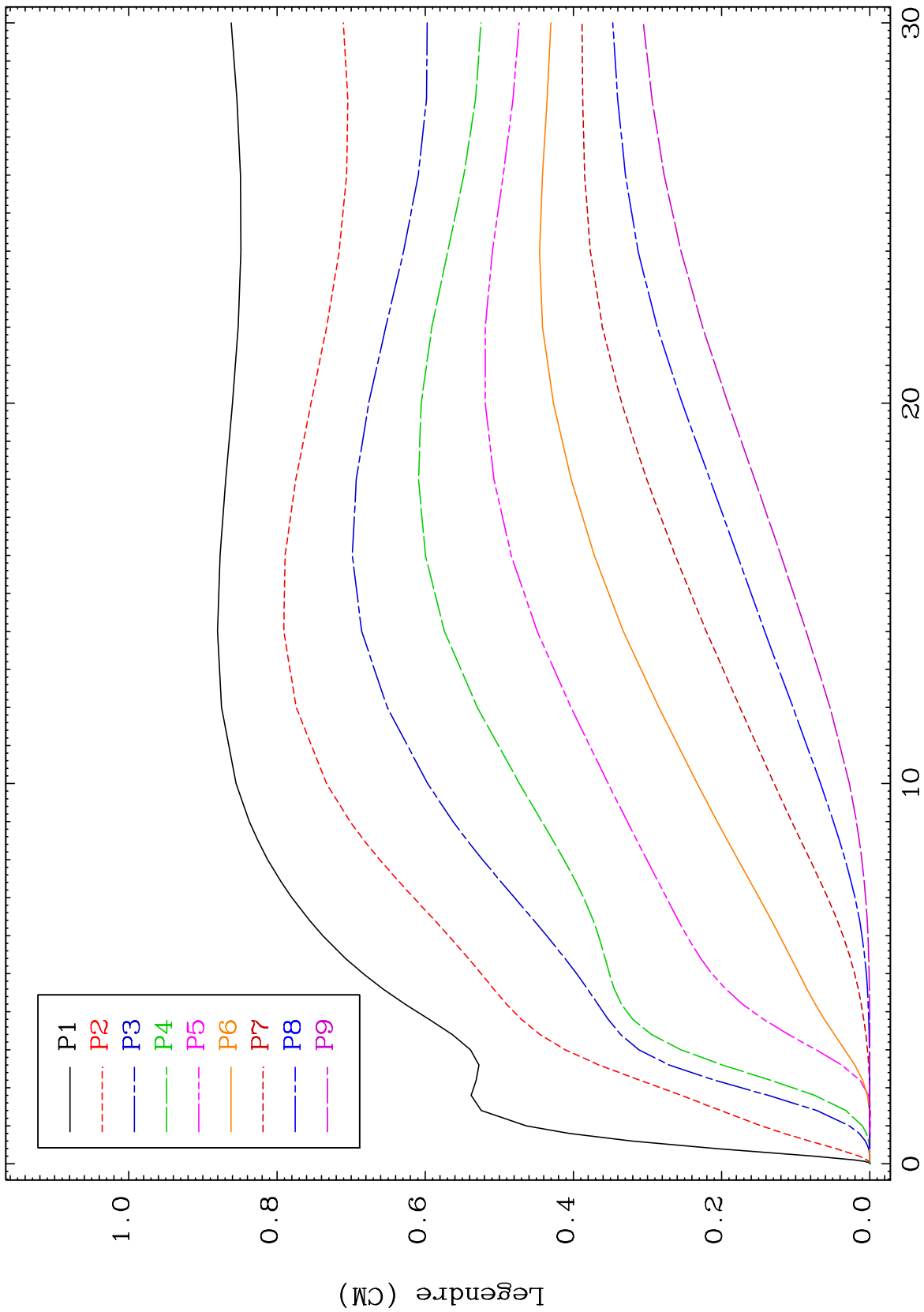




MAT 3704

Elastic Legendre Coefficients

37-Rb-78



14

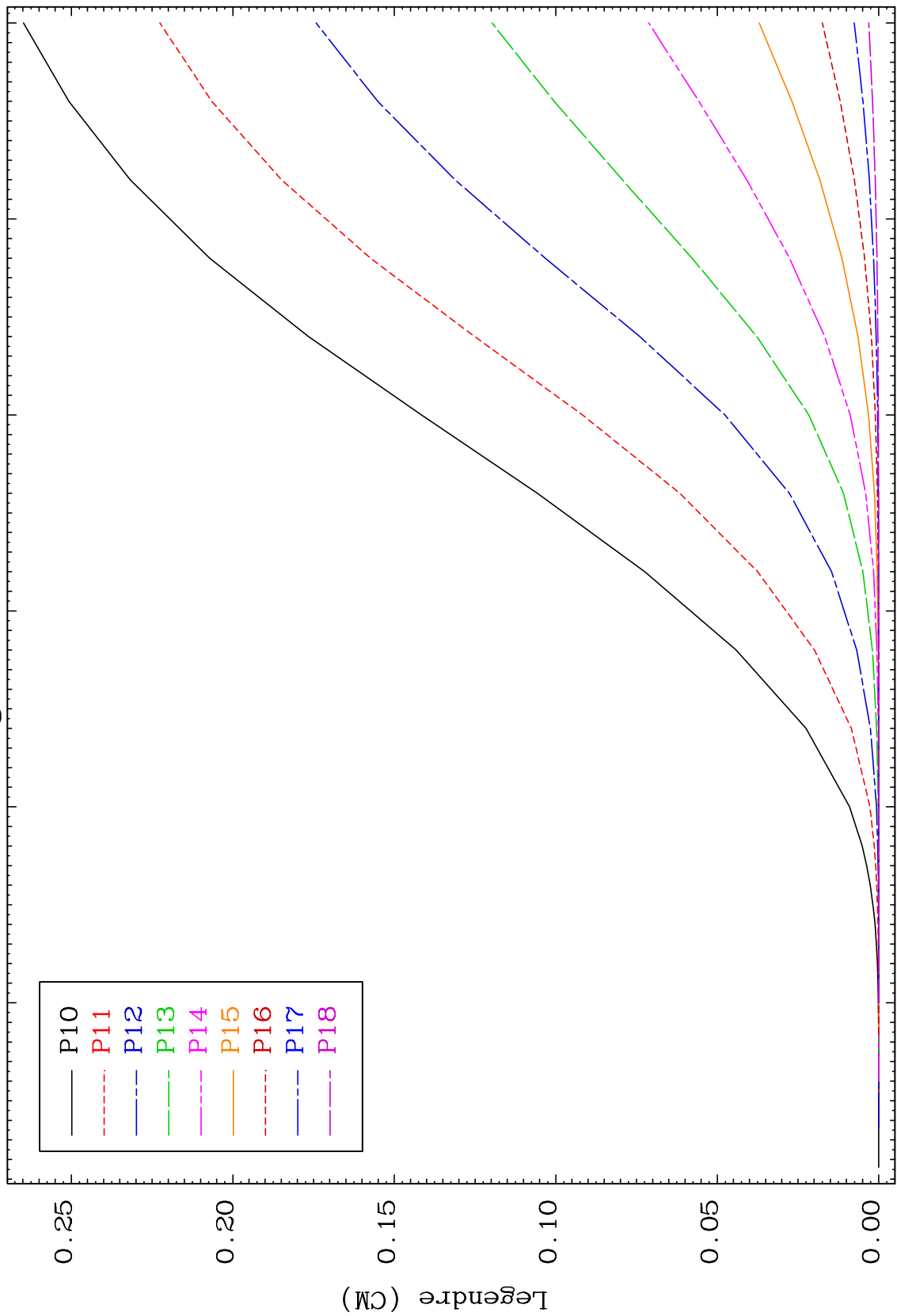
Incident Energy (MeV)

37-Rb-78

MAT 3704

Elastic
Legendre Coefficients

³⁷Rb-78



15

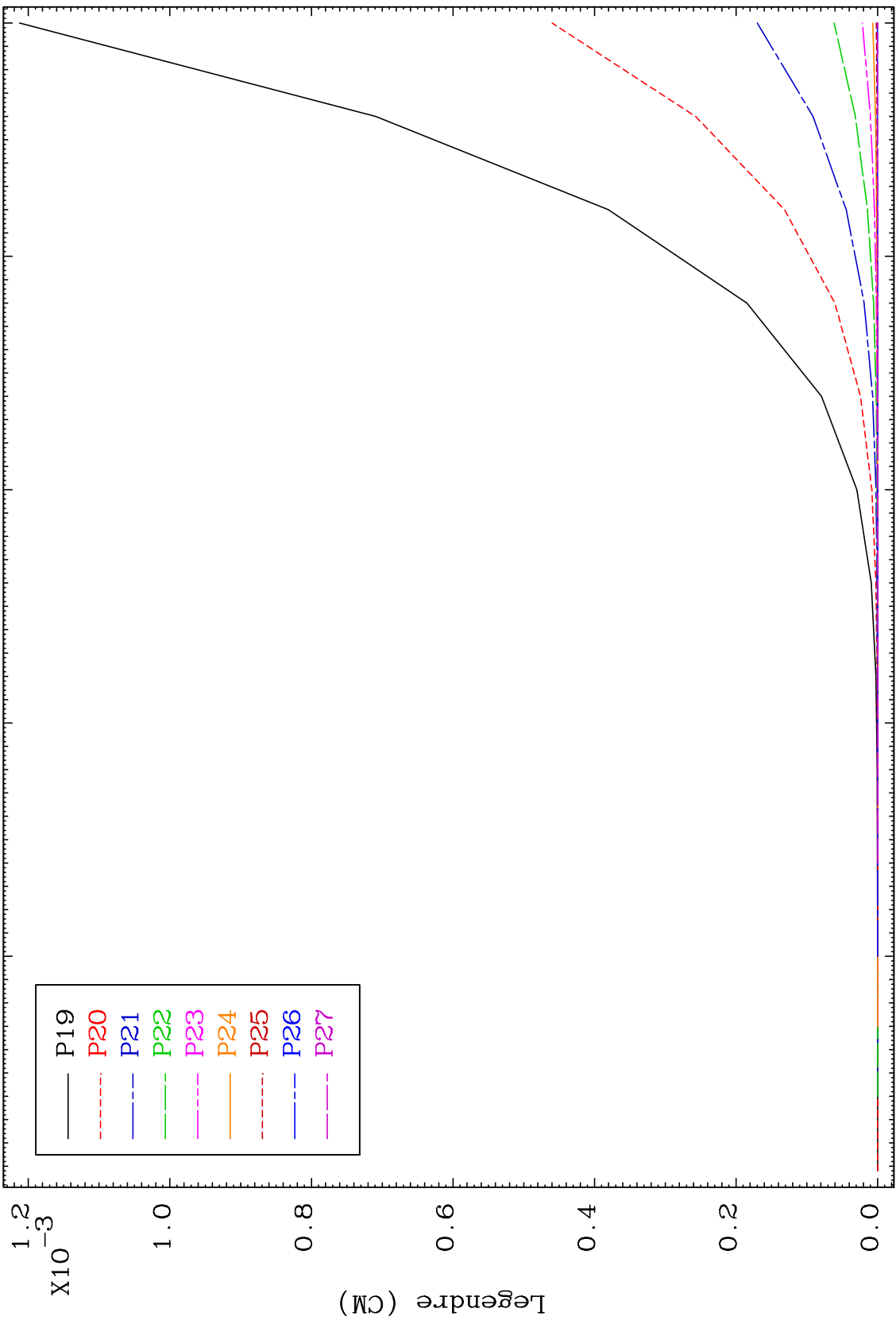
Incident Energy (MeV)

³⁷Rb-78

MAT 3704

Elastic Legendre Coefficients

37-Rb-78



16

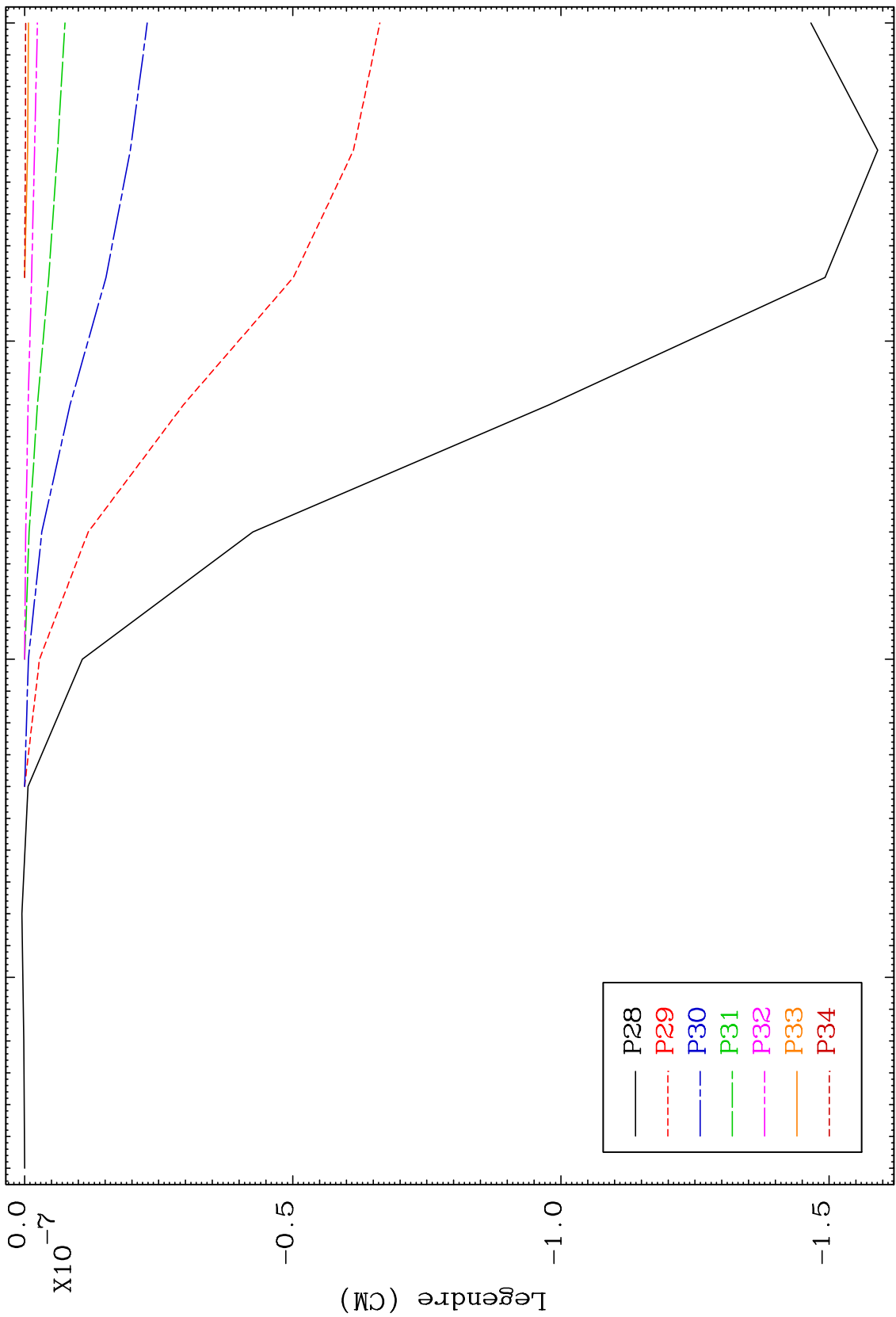
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Elastic Legendre Coefficients



17

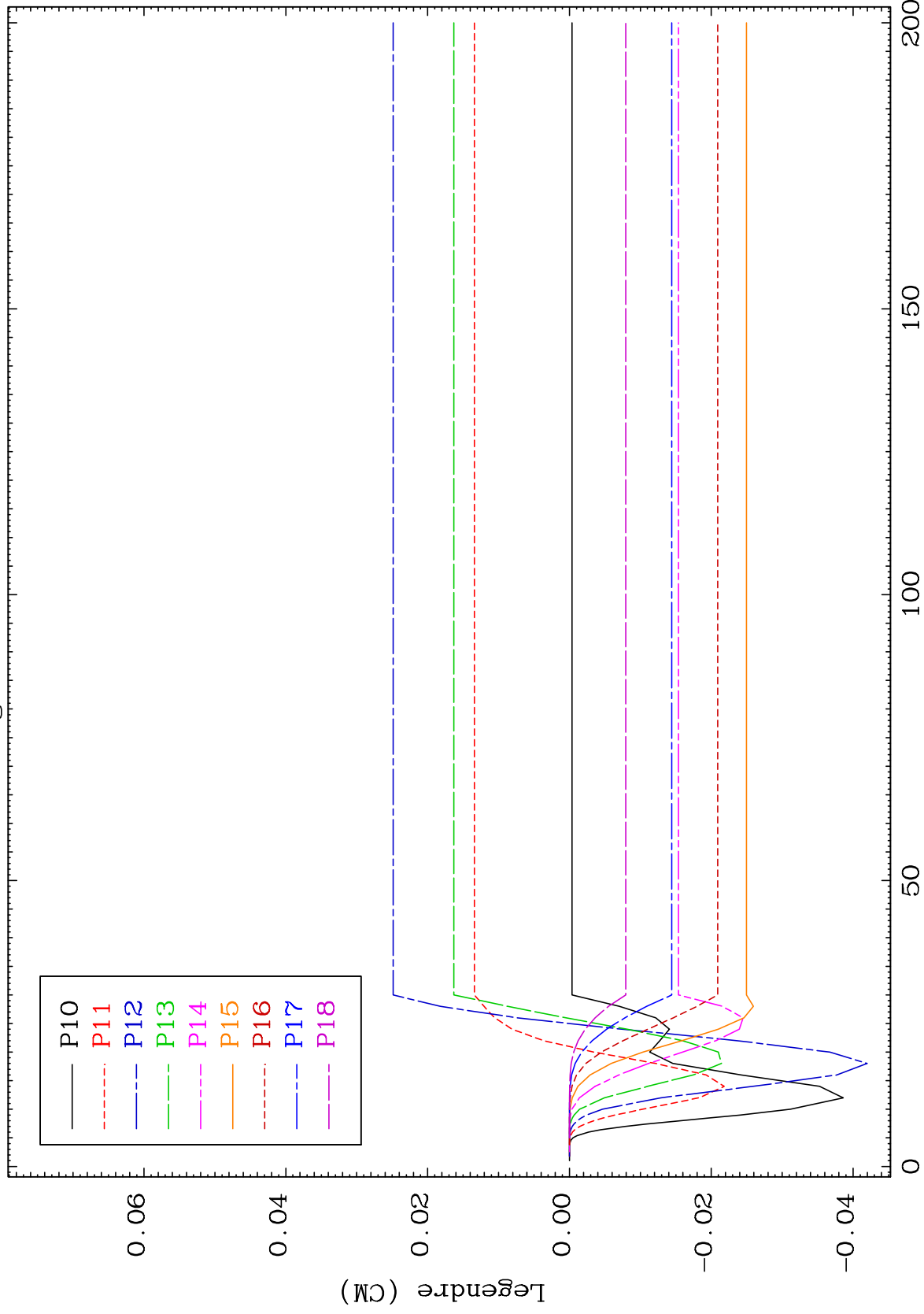
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

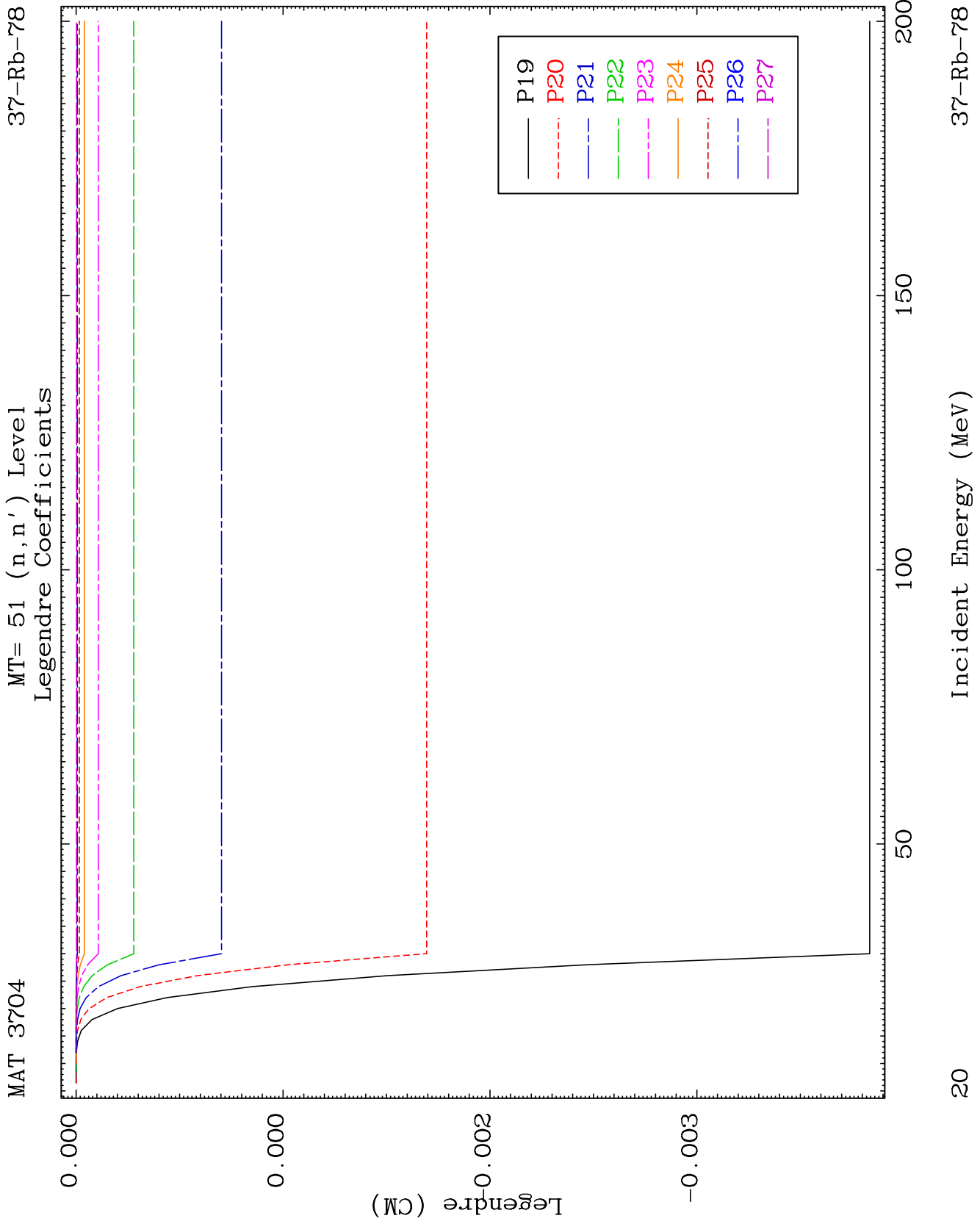
37-Rb-78



19

Incident Energy (MeV)

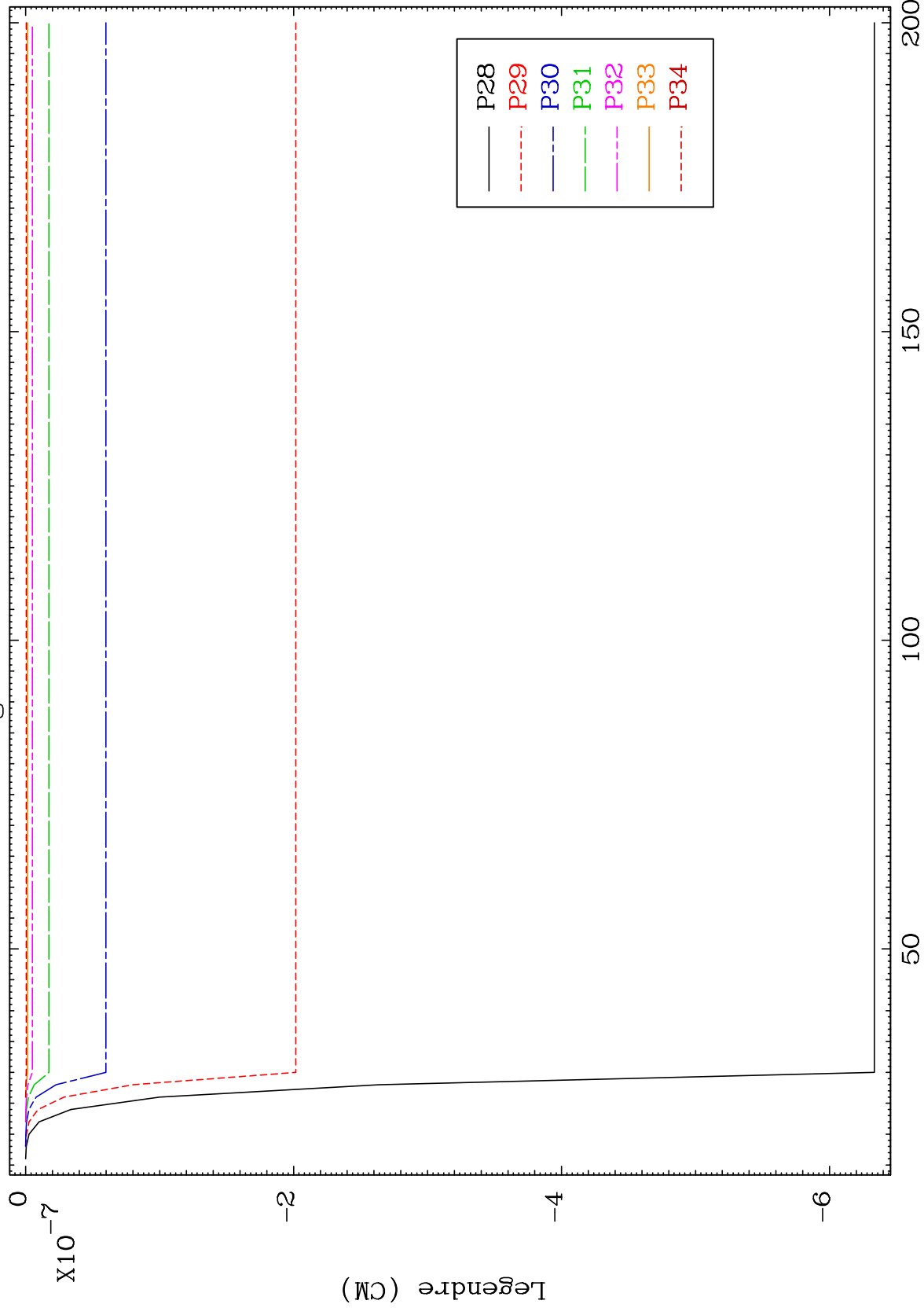
37-Rb-78



MAT 3704

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

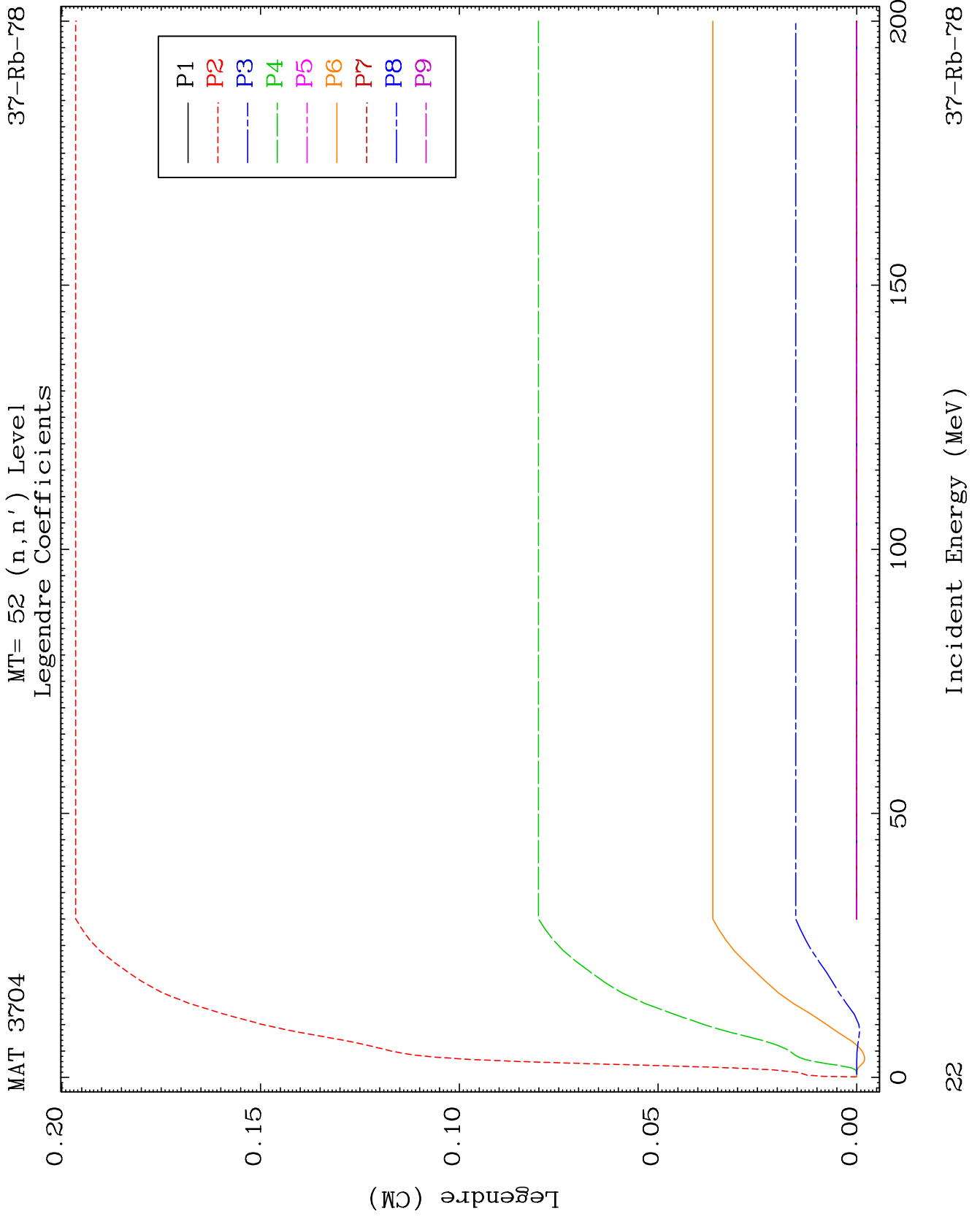
37-Rb-78



21

Incident Energy (MeV)

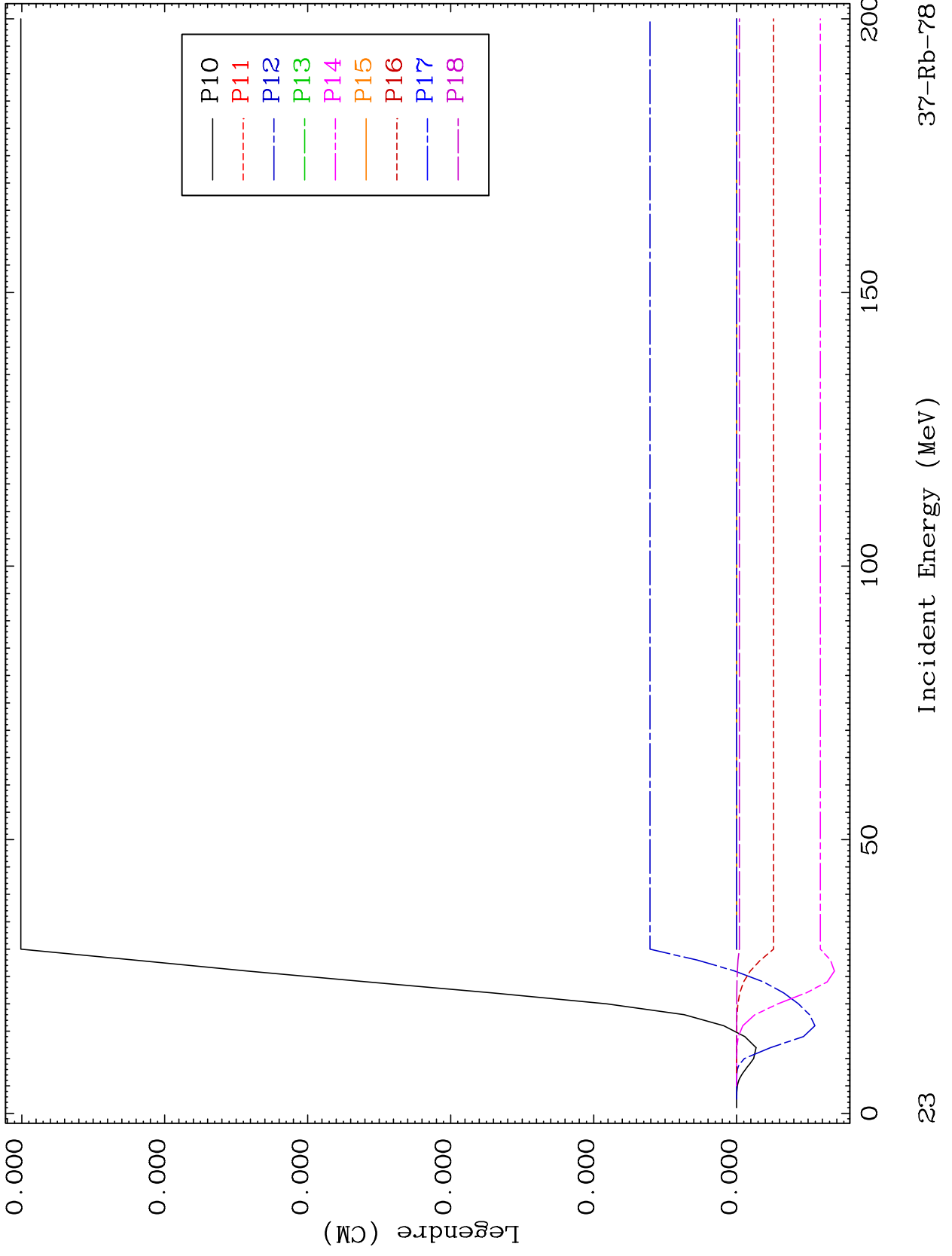
37-Rb-78



MAT 3704

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

37-Rb-78



23

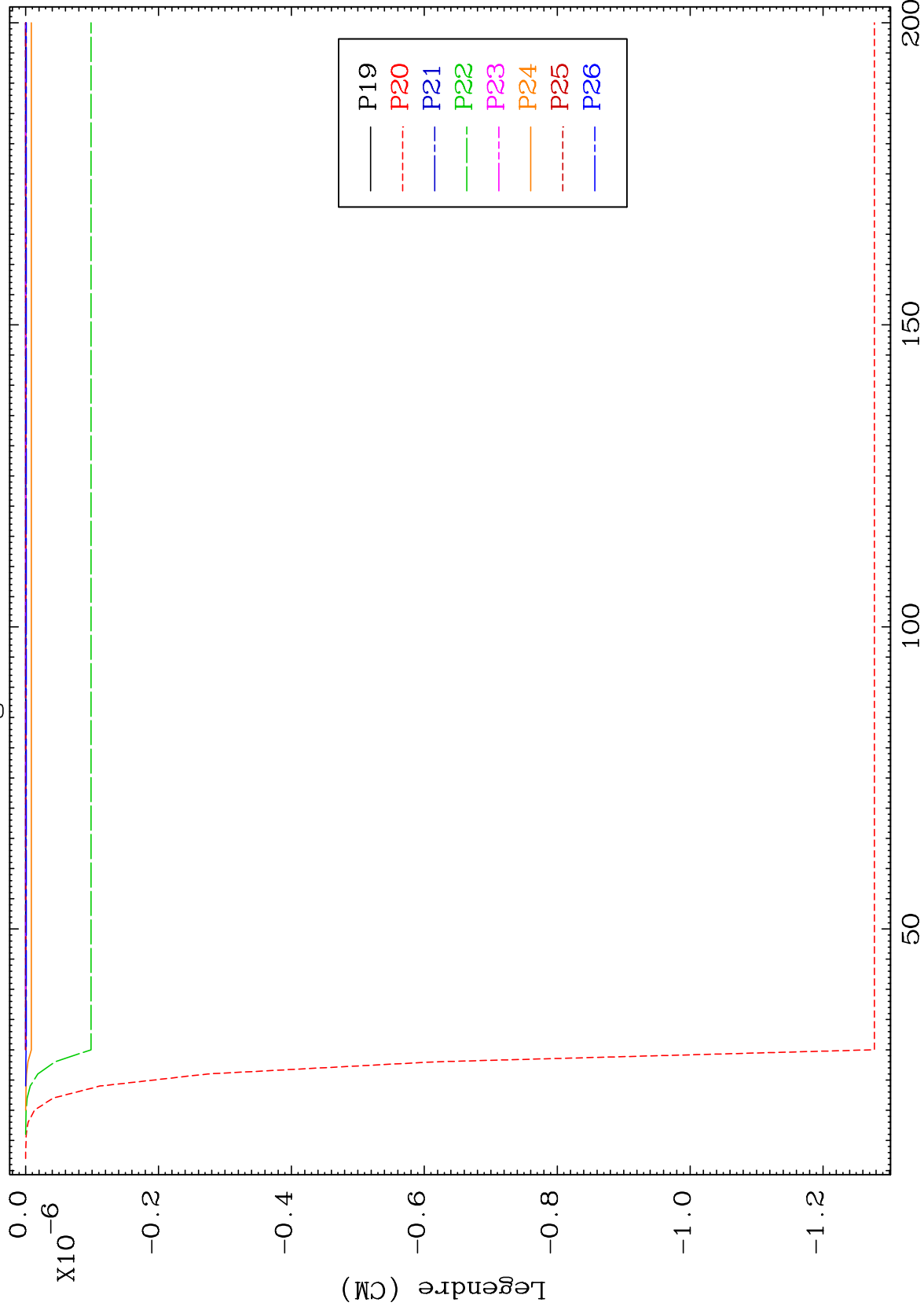
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

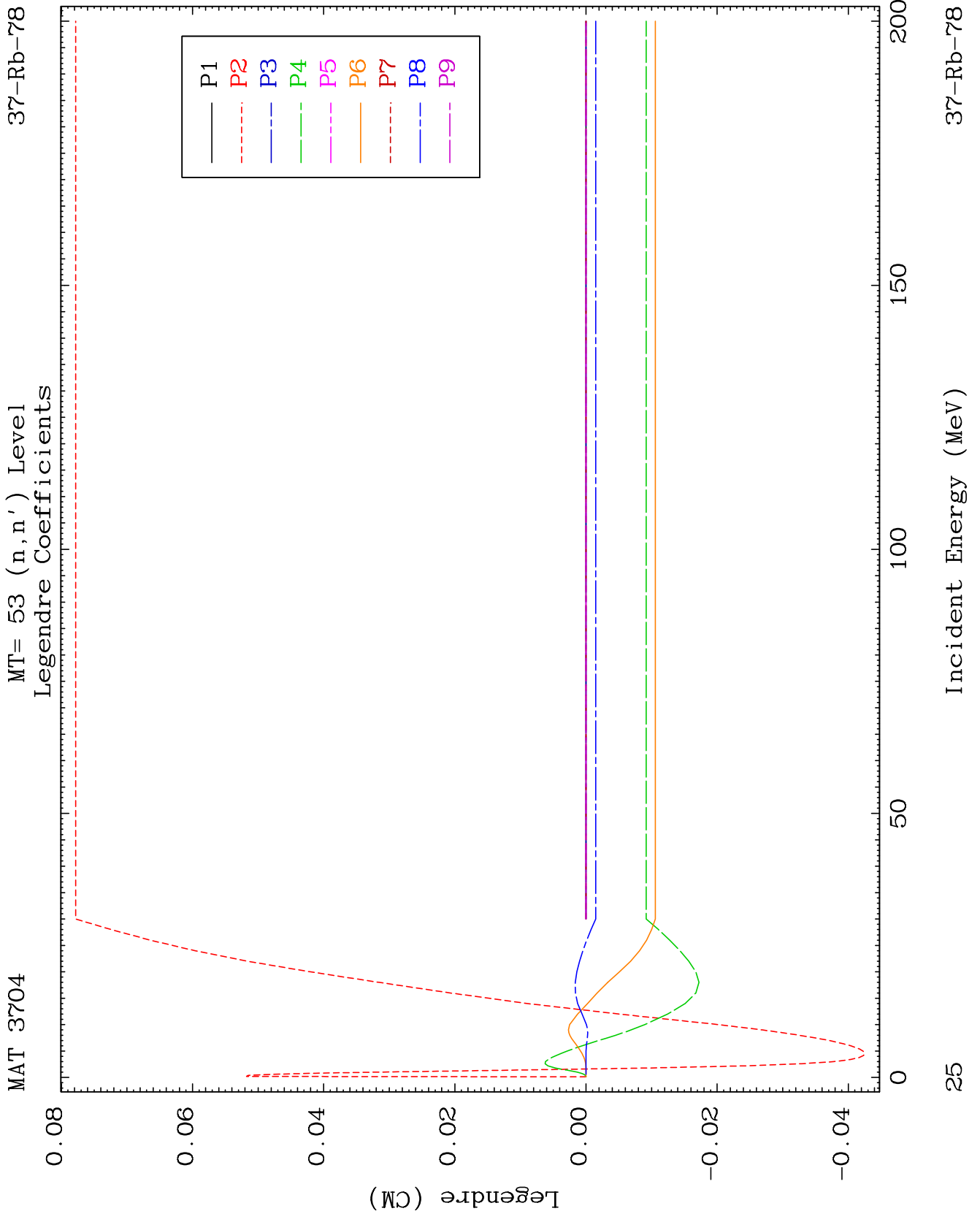
37-Rb-78



24

Incident Energy (MeV)

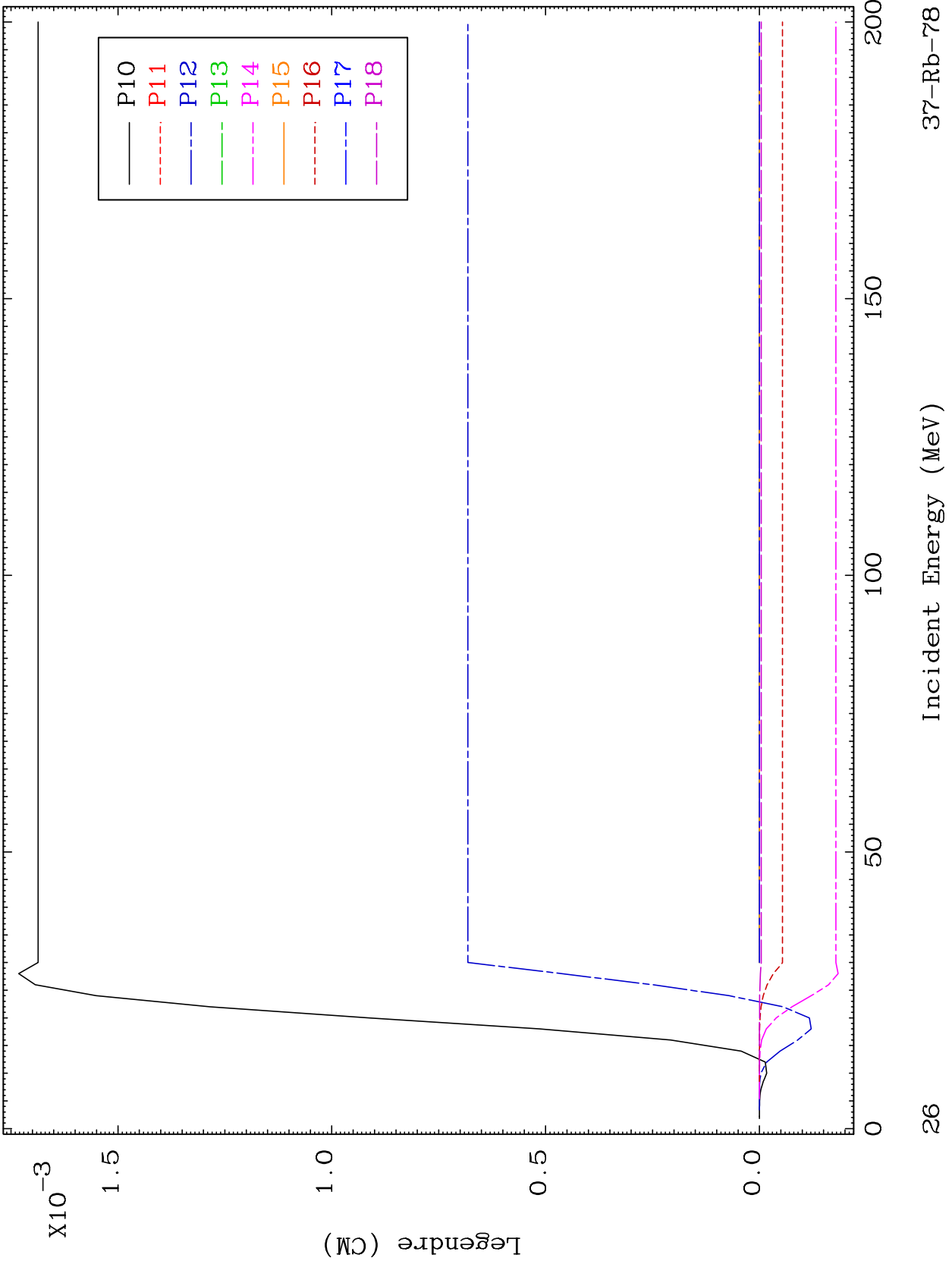
37-Rb-78



MAT 3704

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

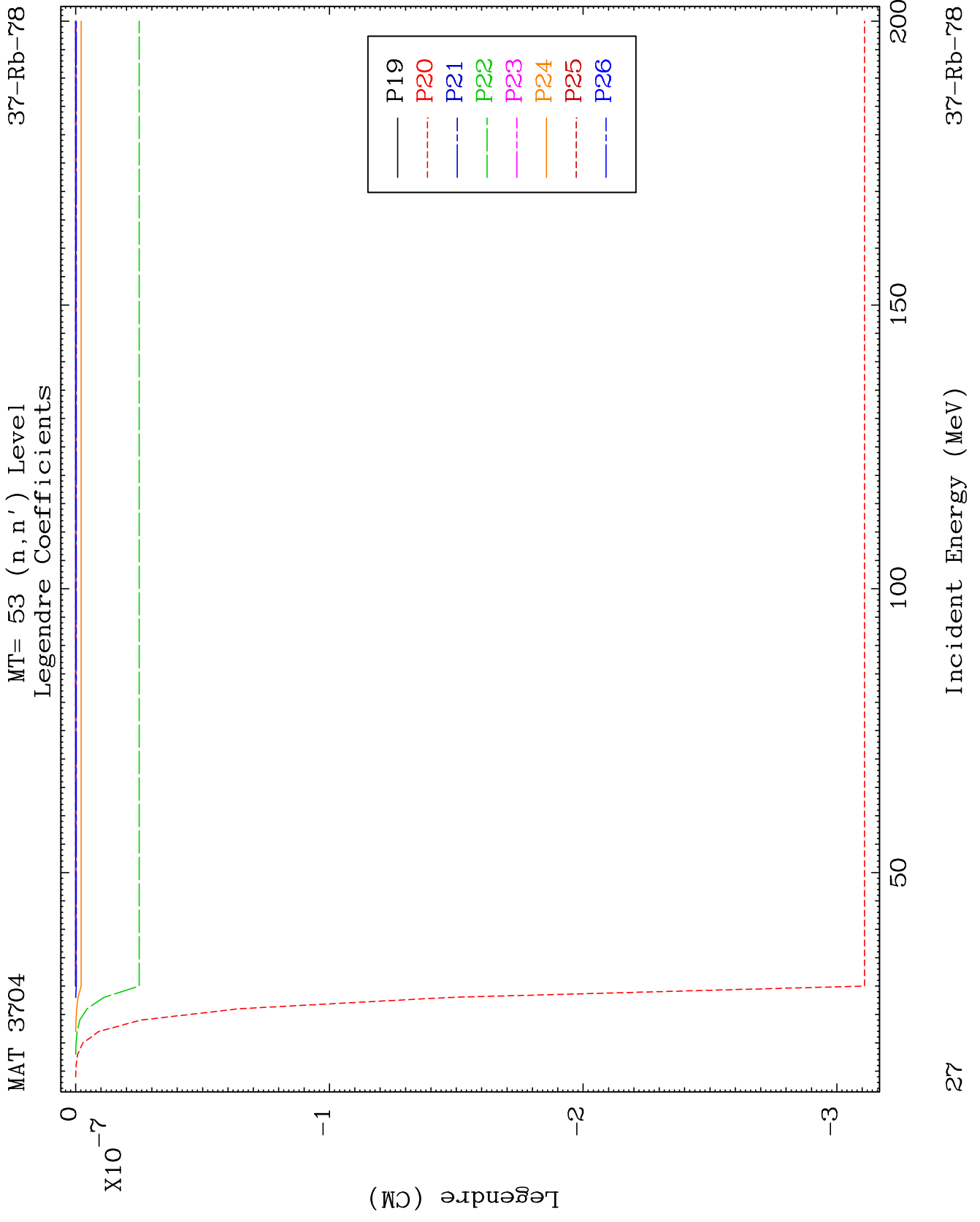
37-Rb-78



26

Incident Energy (MeV)

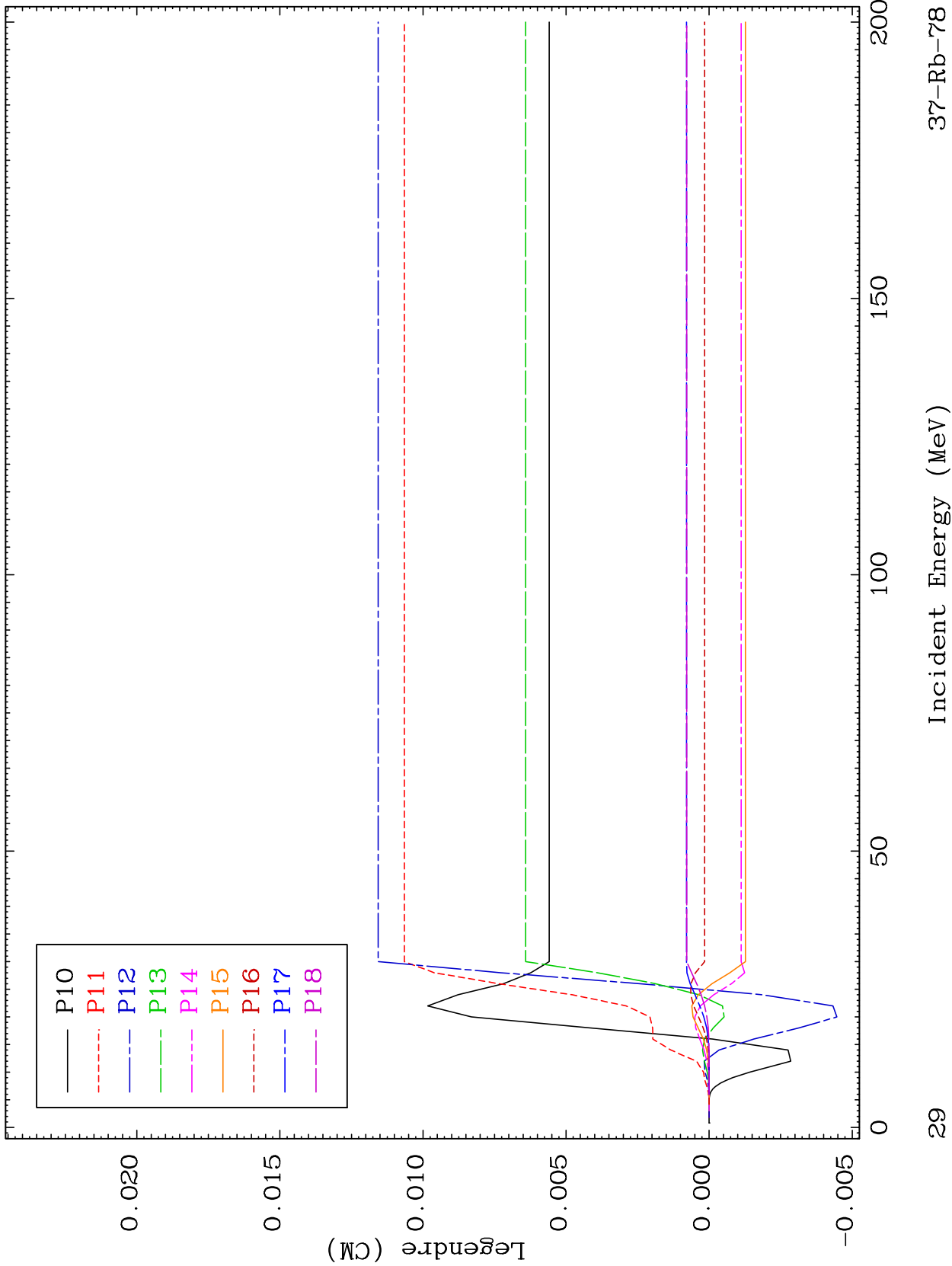
37-Rb-78



MAT 3704

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

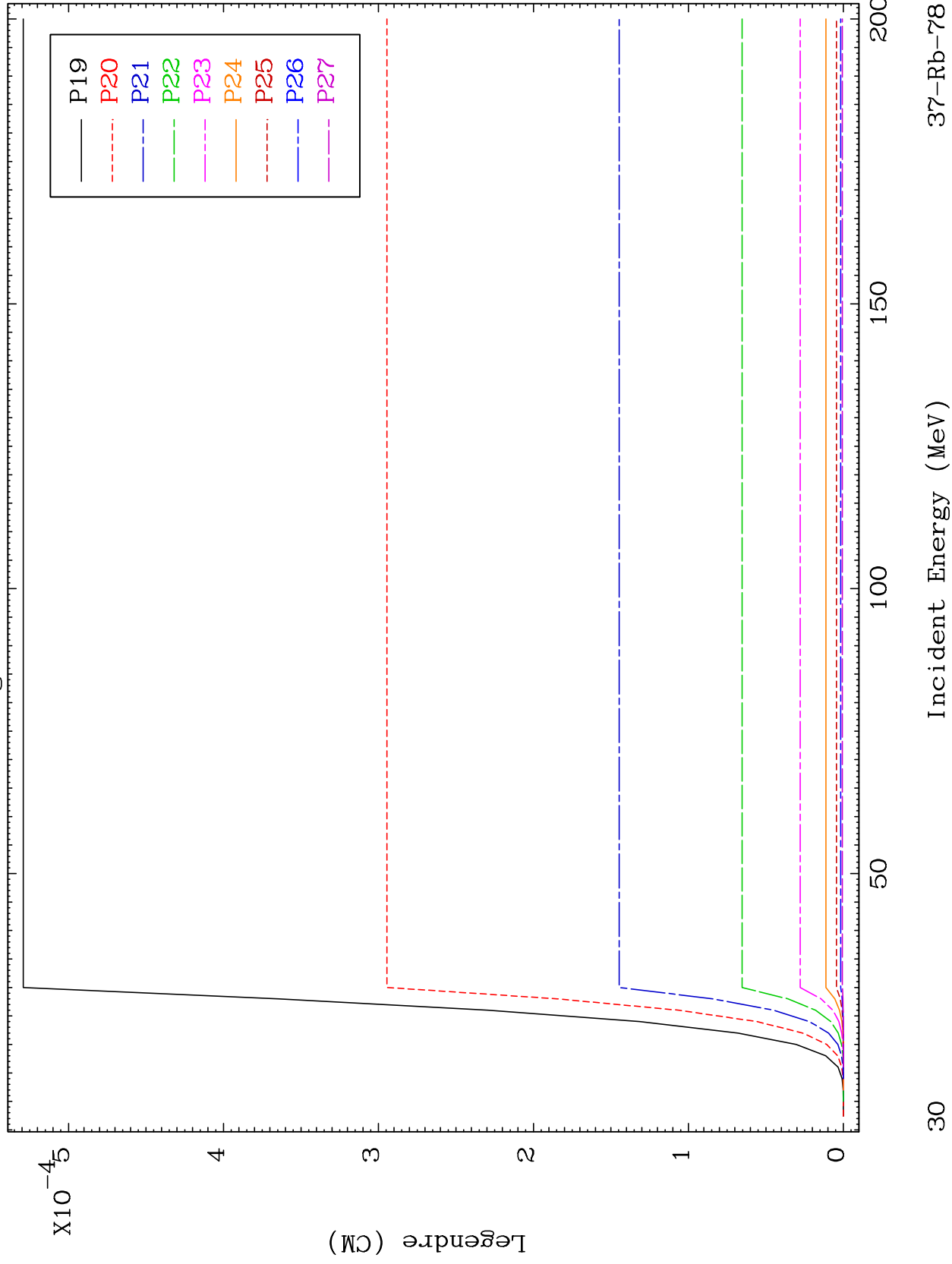
37-Rb-78



MAT 3704

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

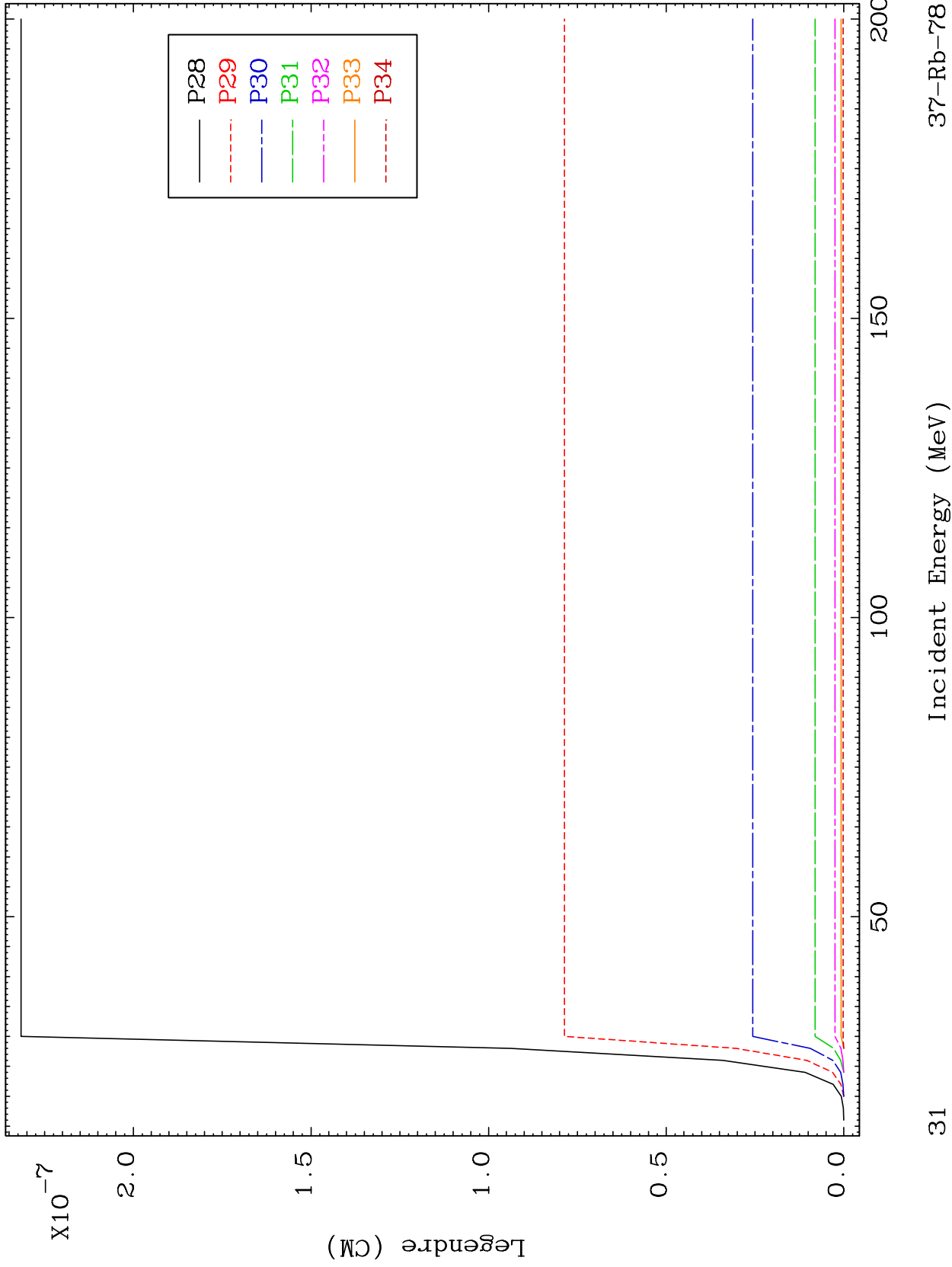
37-Rb-78



MAT 3704

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

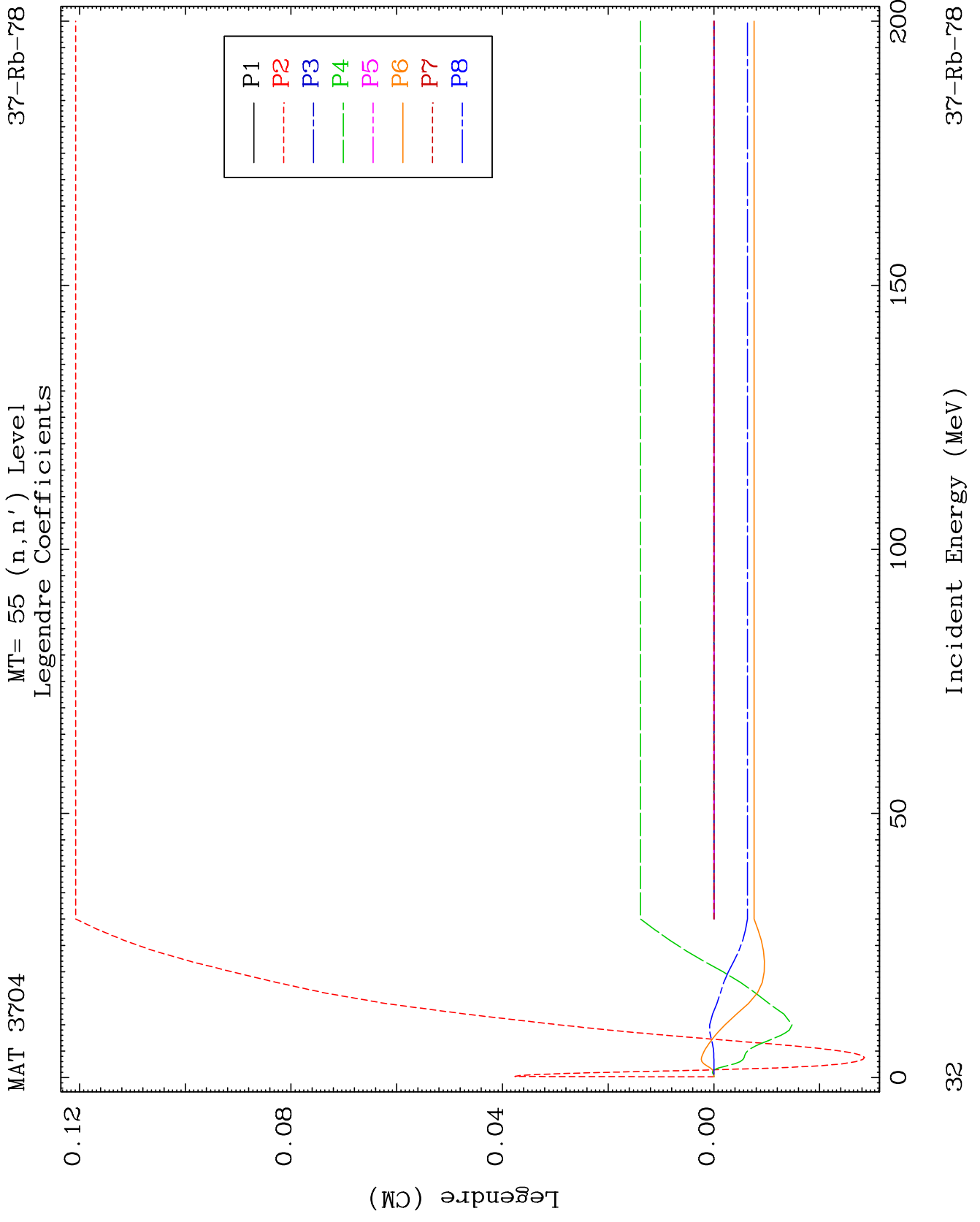
37-Rb-78



31

Incident Energy (MeV)

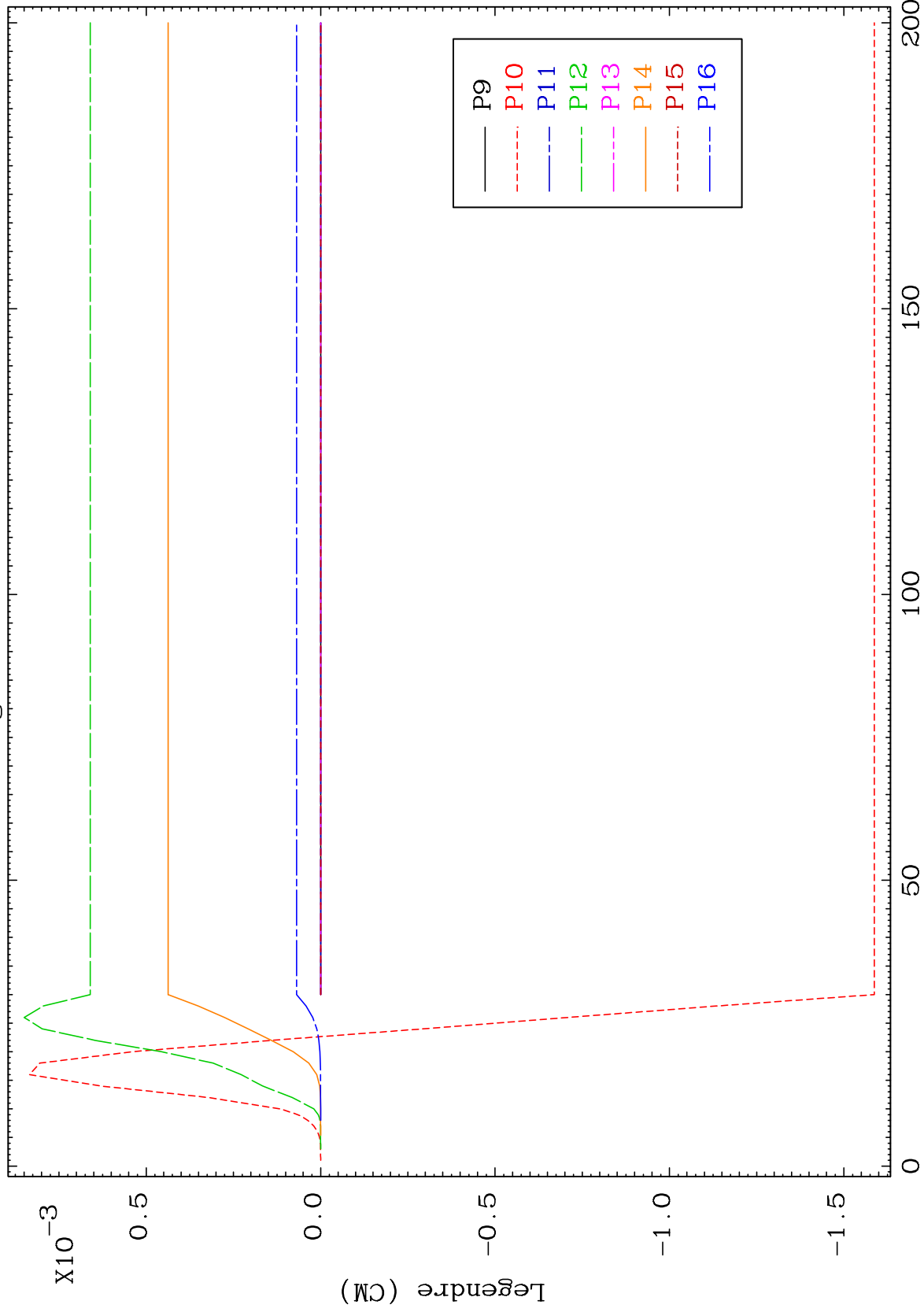
37-Rb-78



MAT 3704

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

37-Rb-78



33

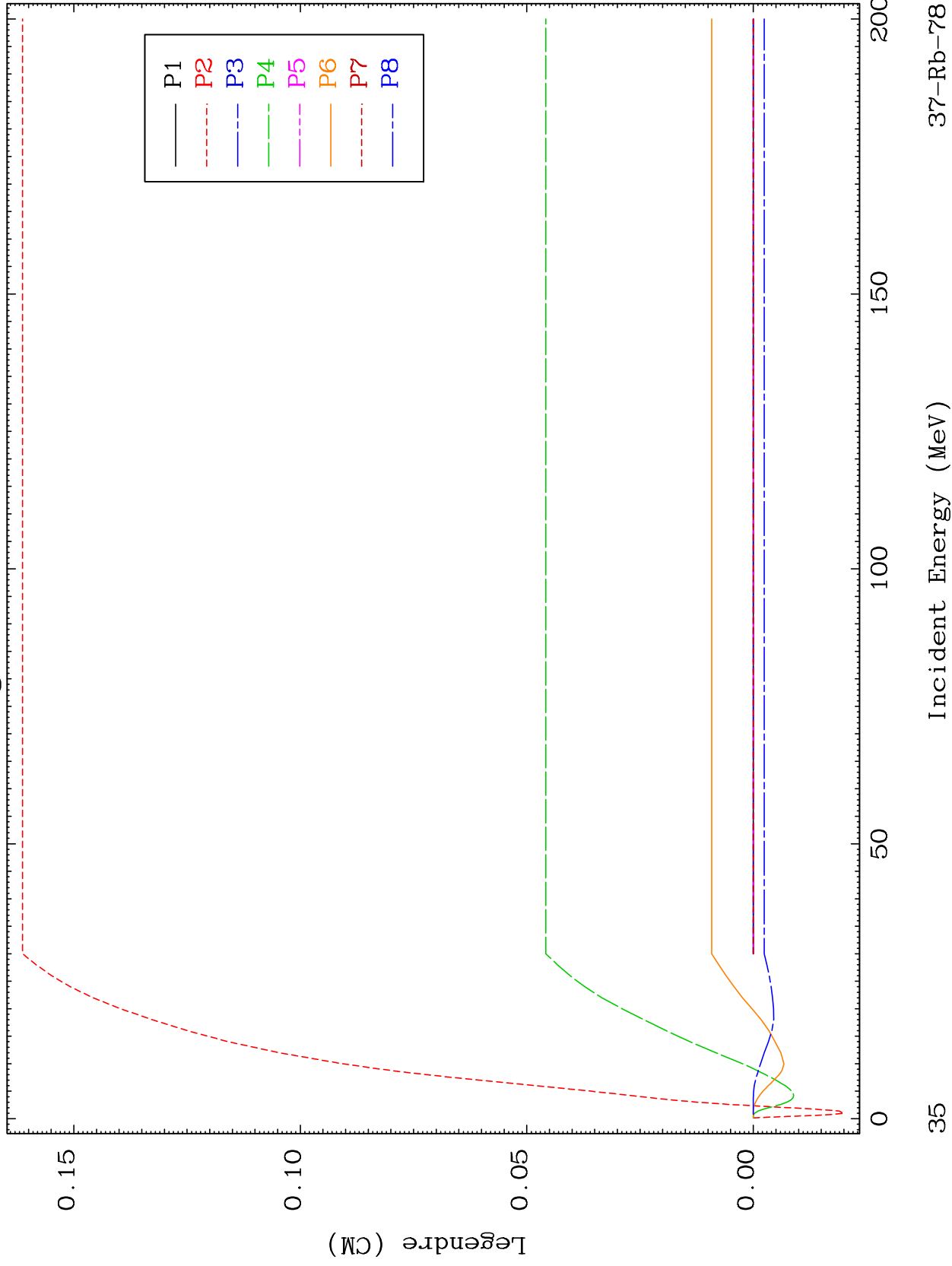
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

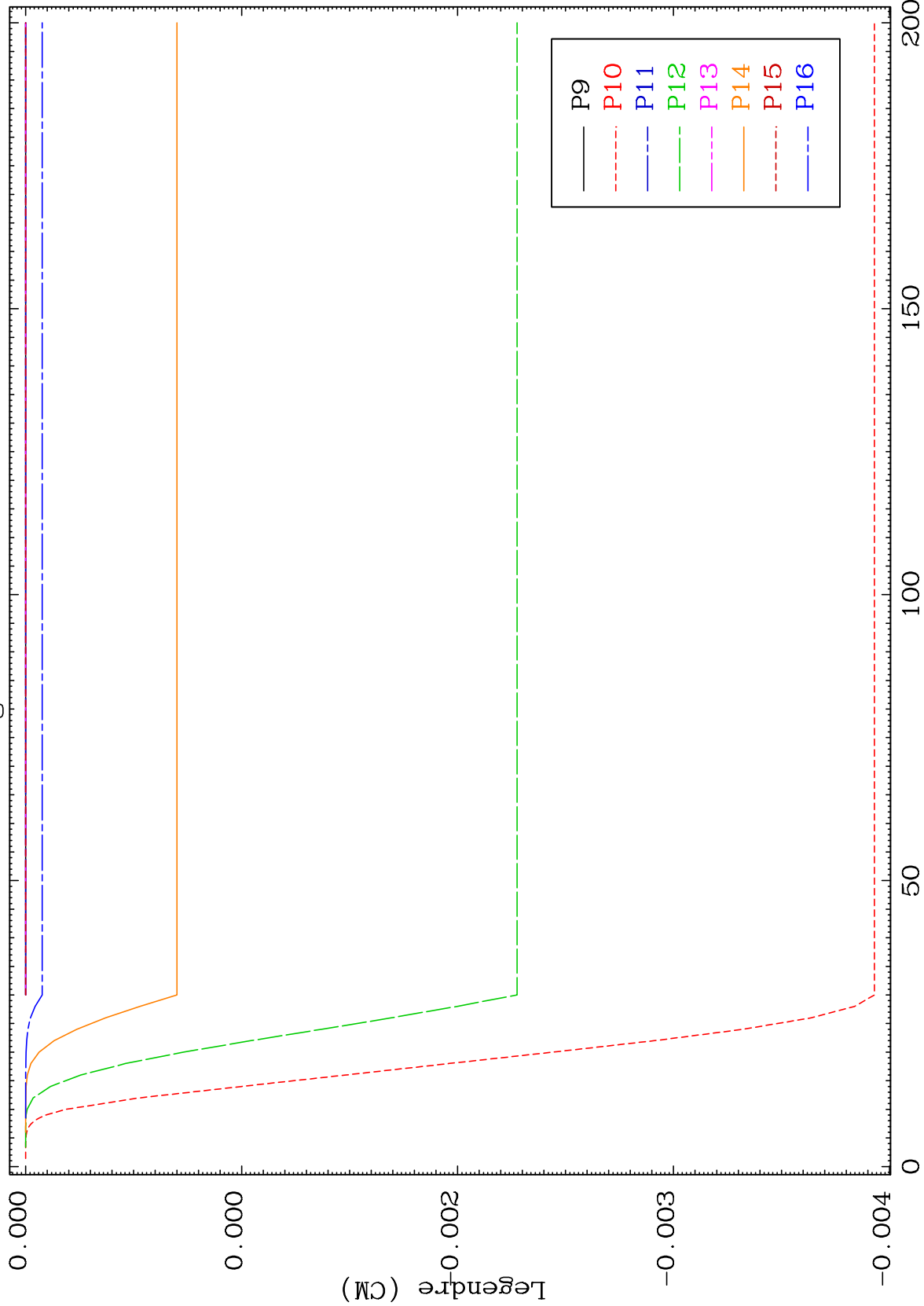
Incident Energy (MeV)

35

MAT 3704

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

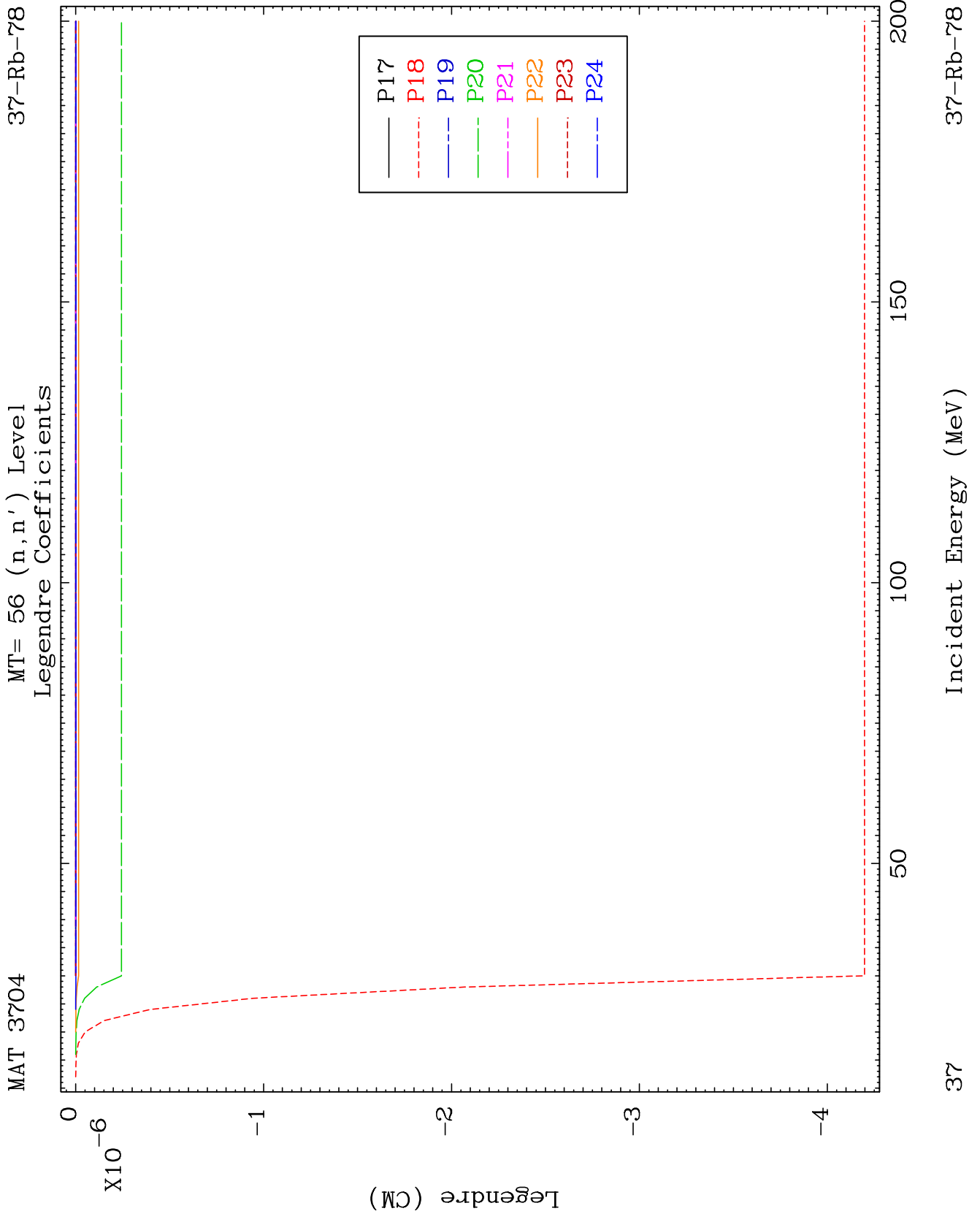
37-Rb-78



36

Incident Energy (MeV)

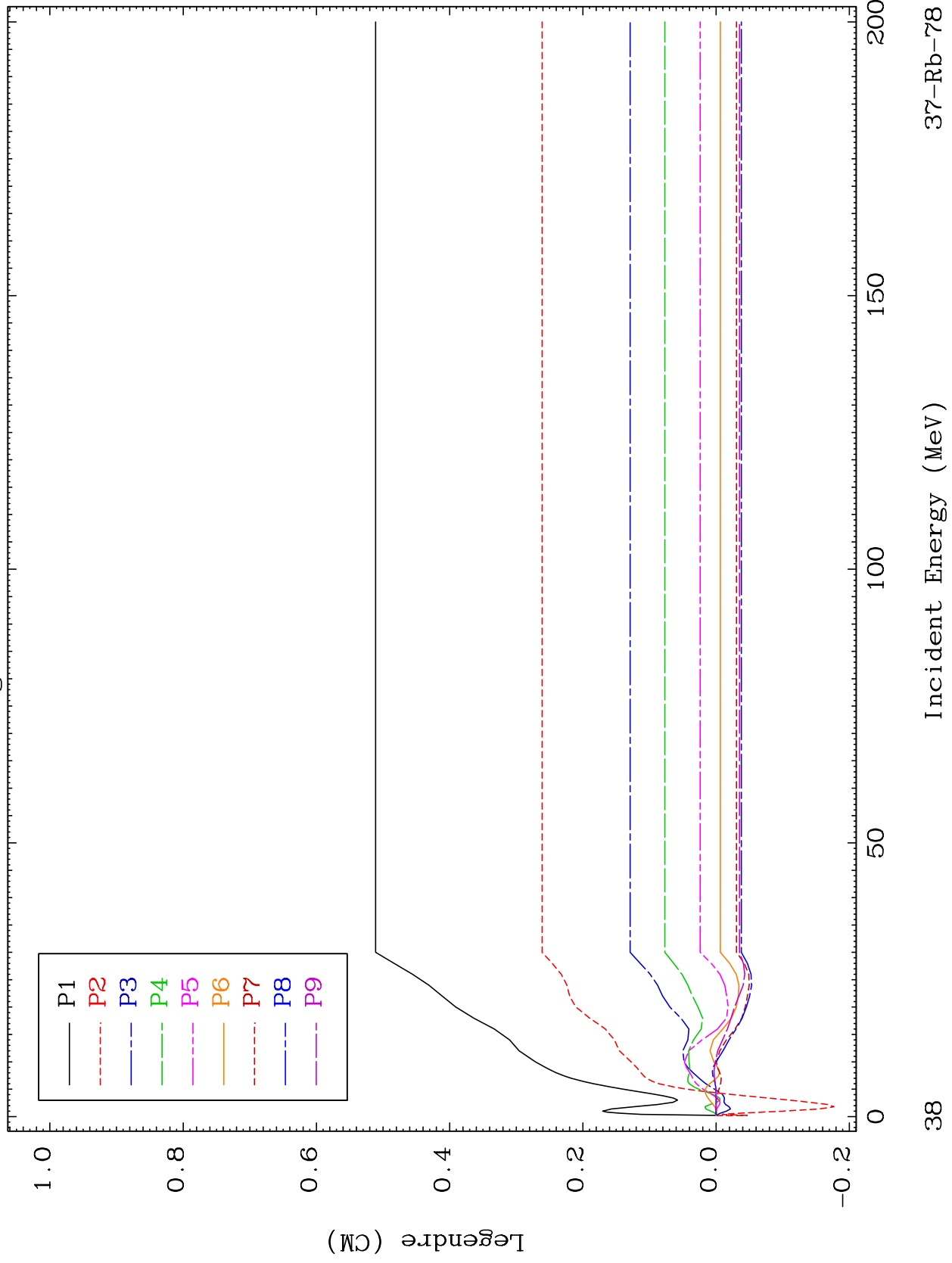
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

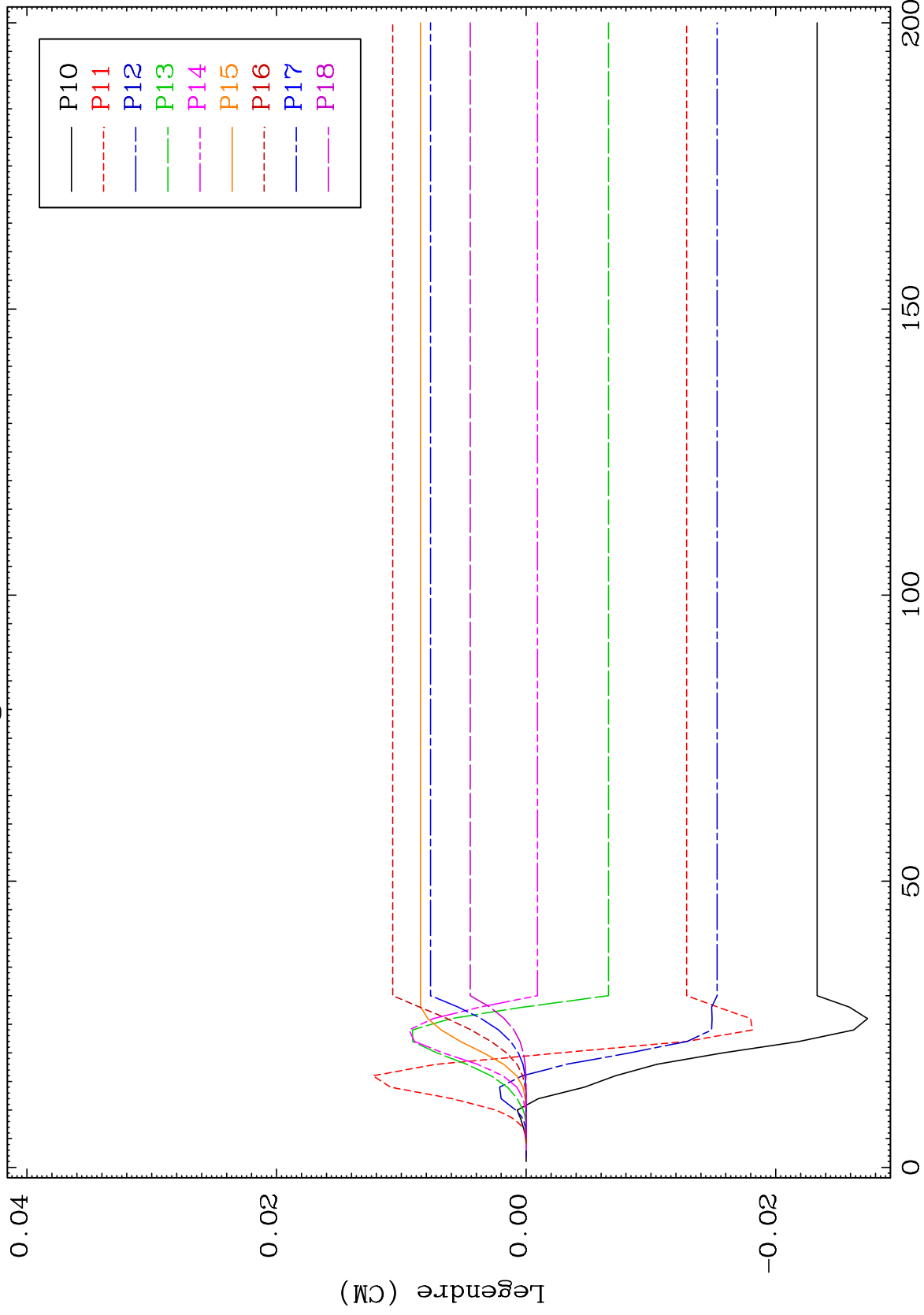
Incident Energy (MeV)

38

MAT 3704

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

37-Rb-78



39

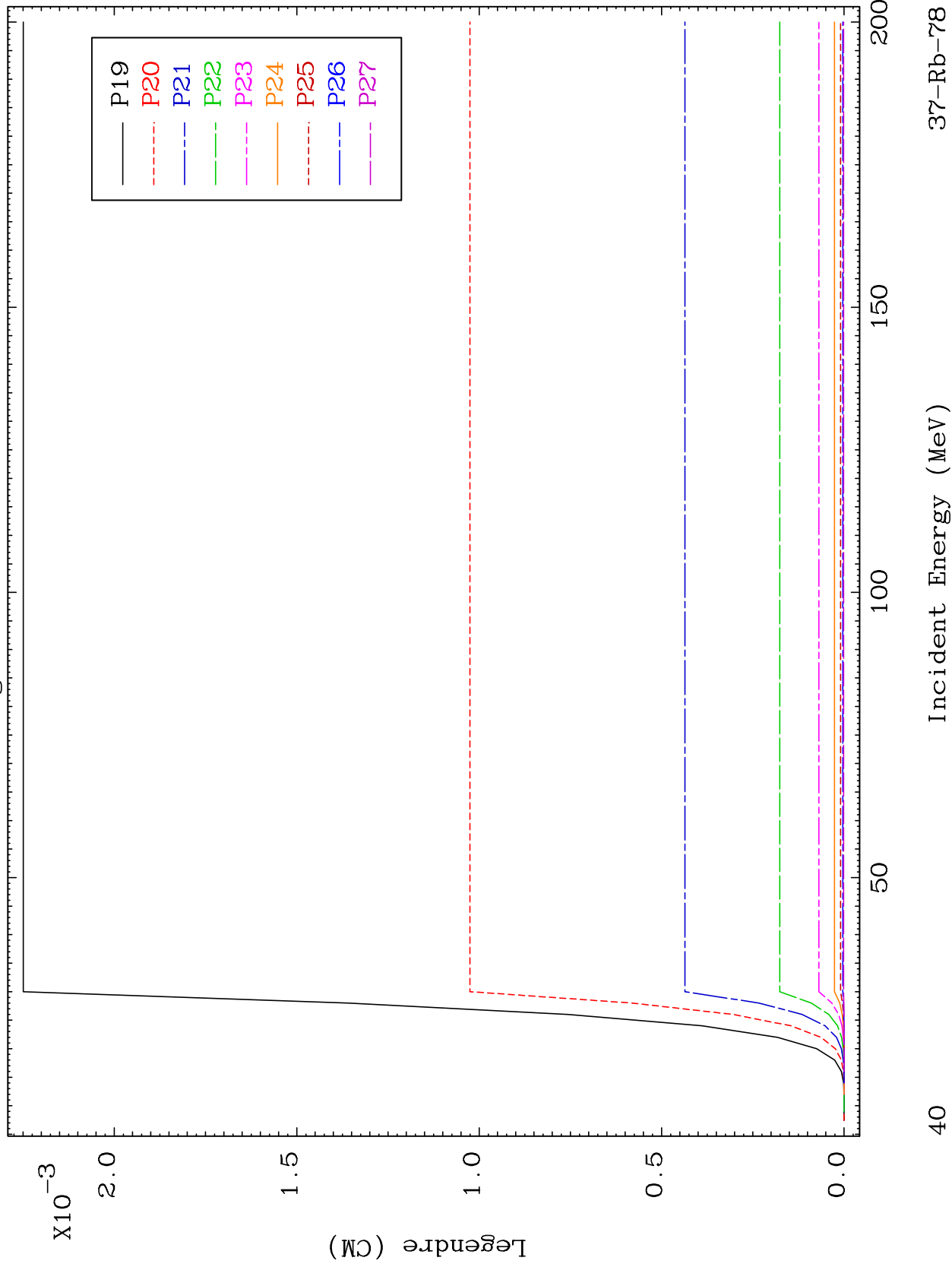
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



37-Rb-78

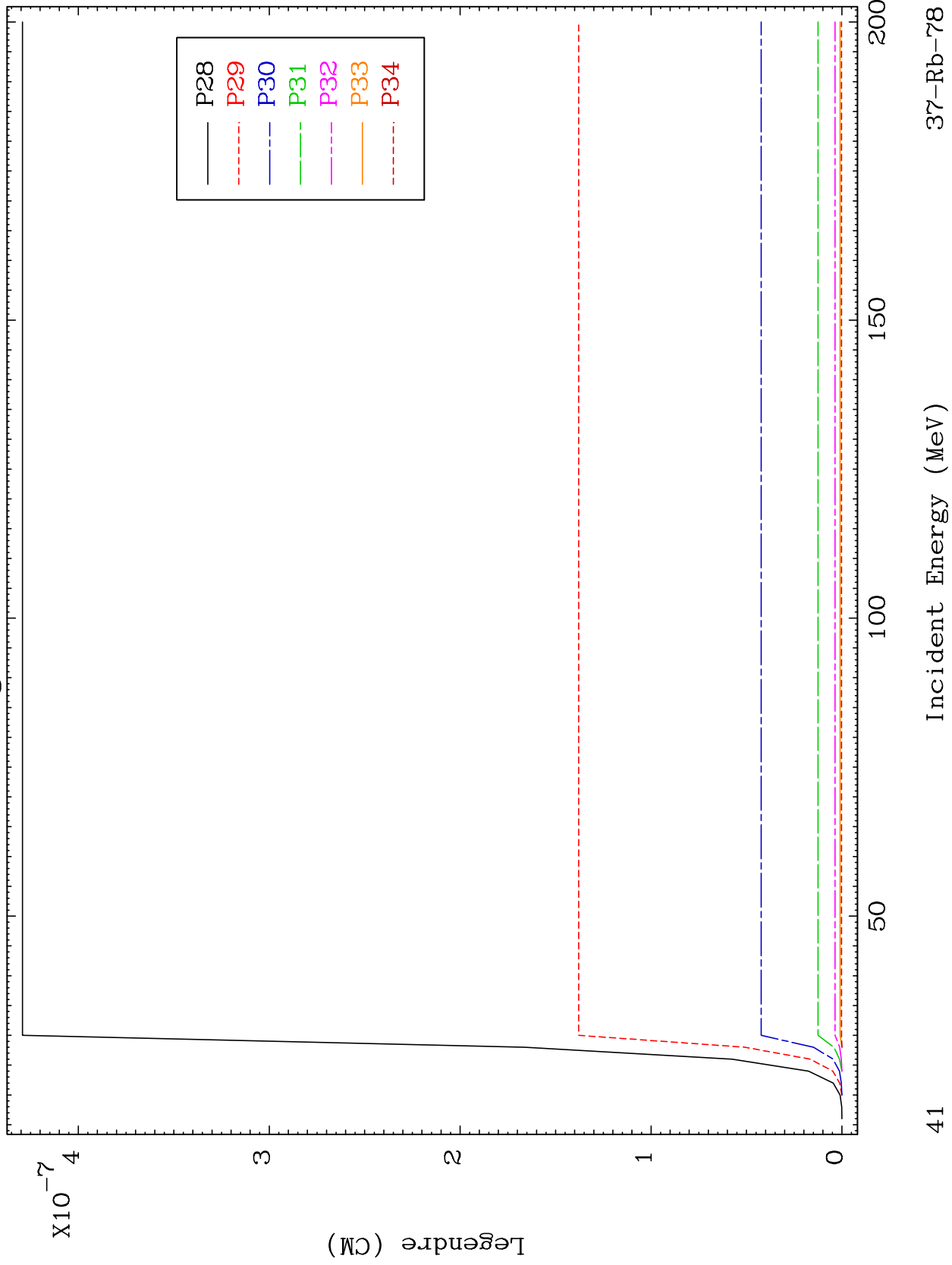
Incident Energy (MeV)

40

MAT 3704

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

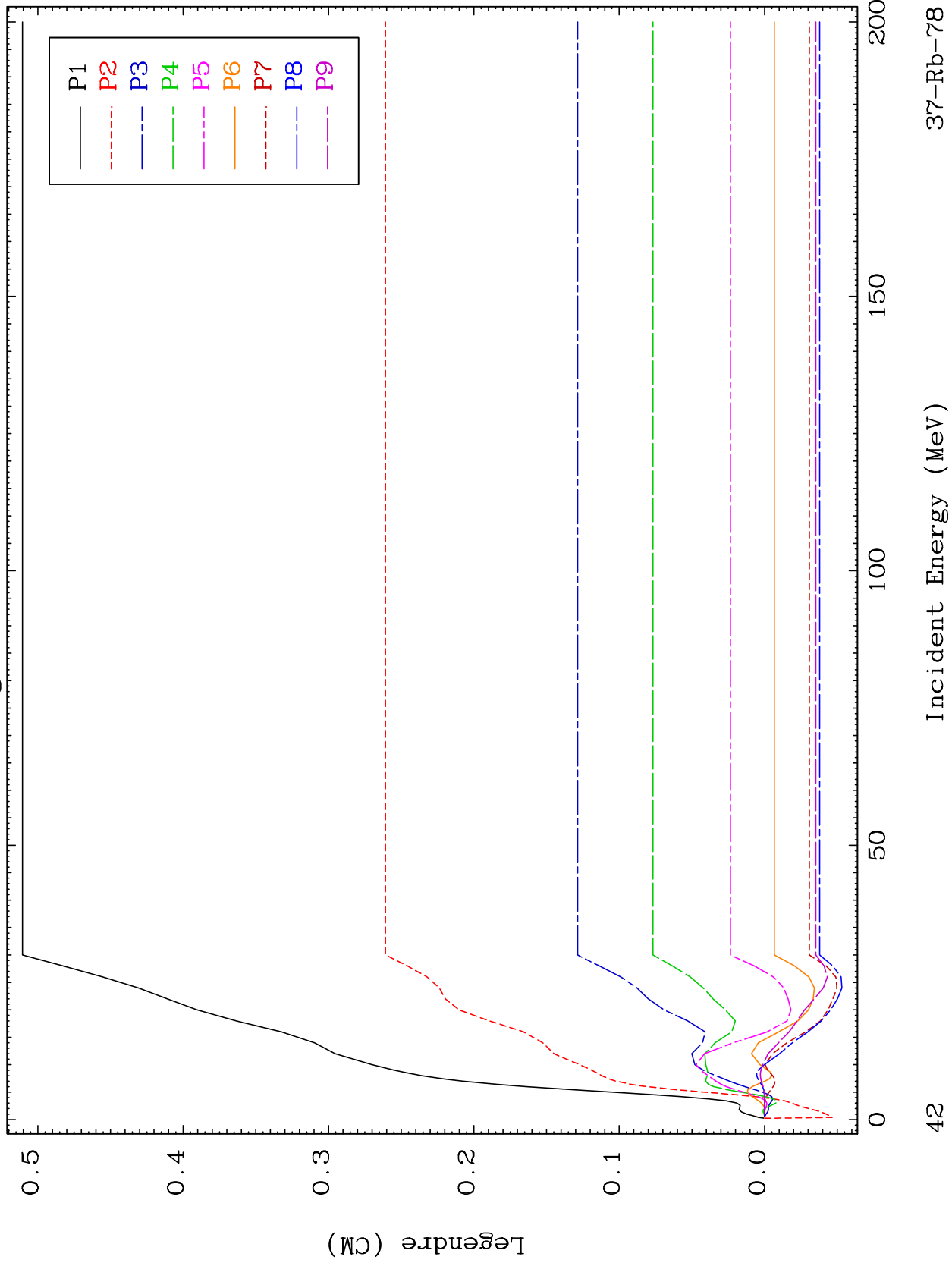
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

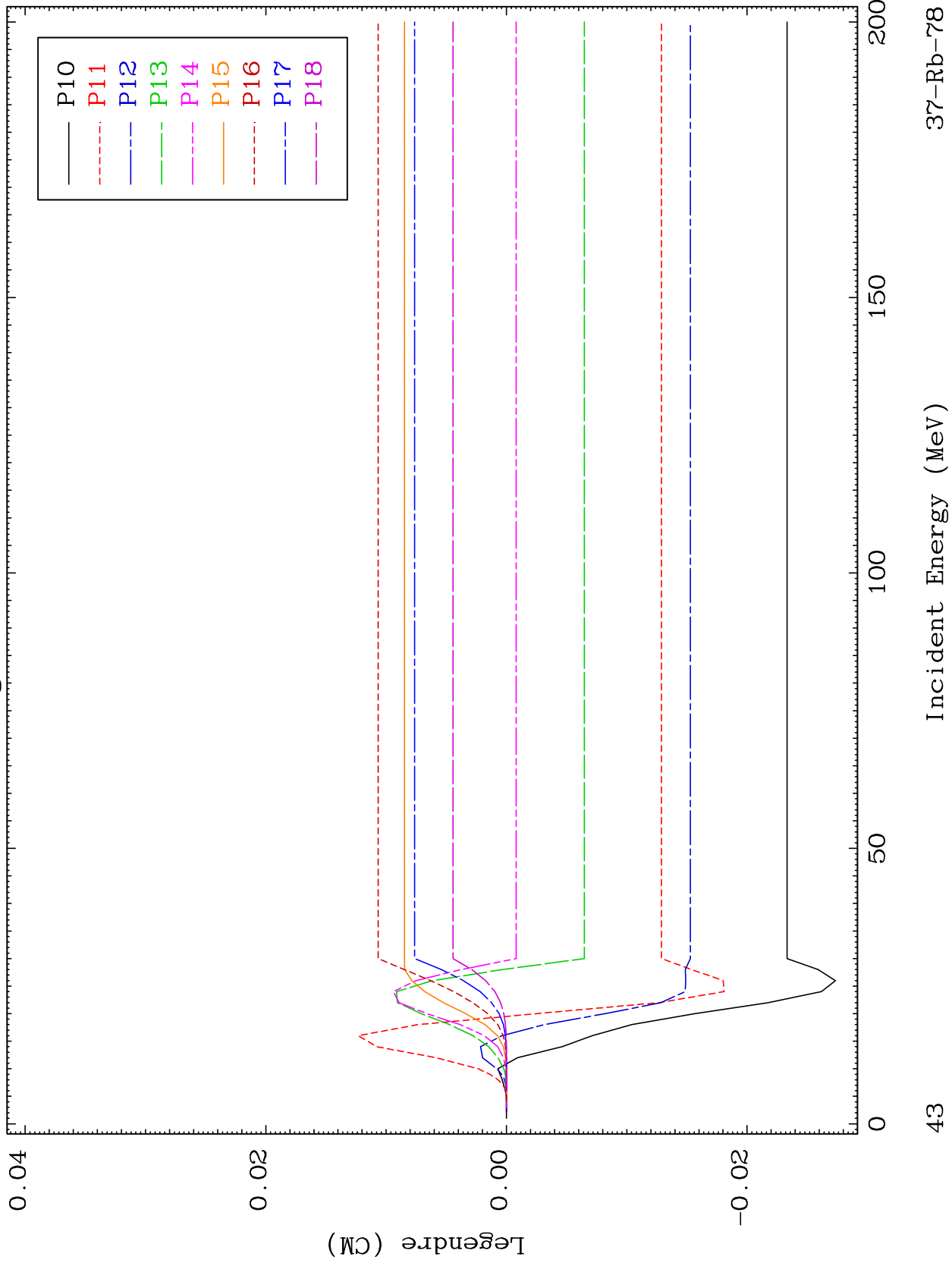
Incident Energy (MeV)

42

MAT 3704

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

37-Rb-78



37-Rb-78

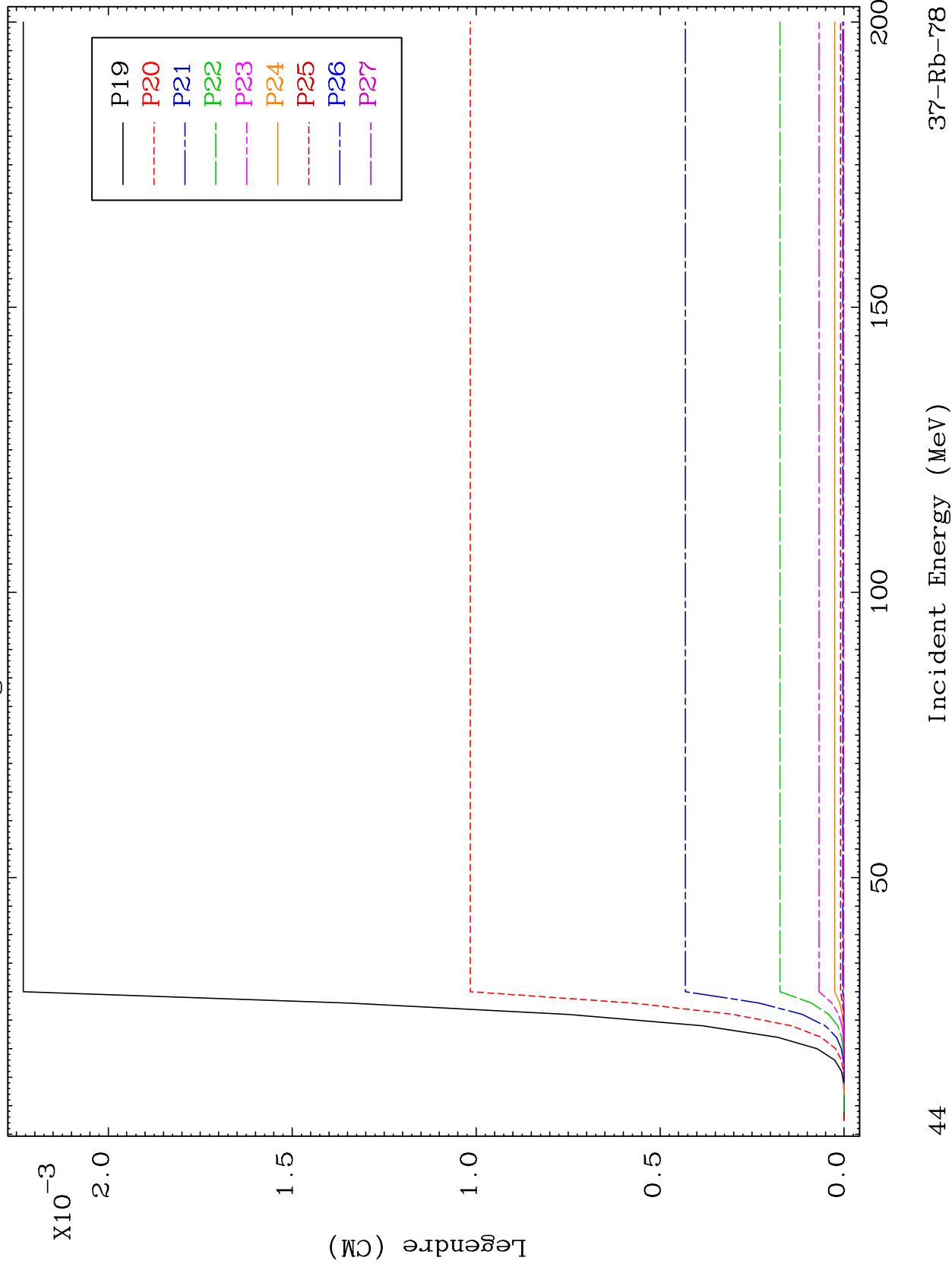
Incident Energy (MeV)

43

MAT 3704

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

37-Rb-78



44

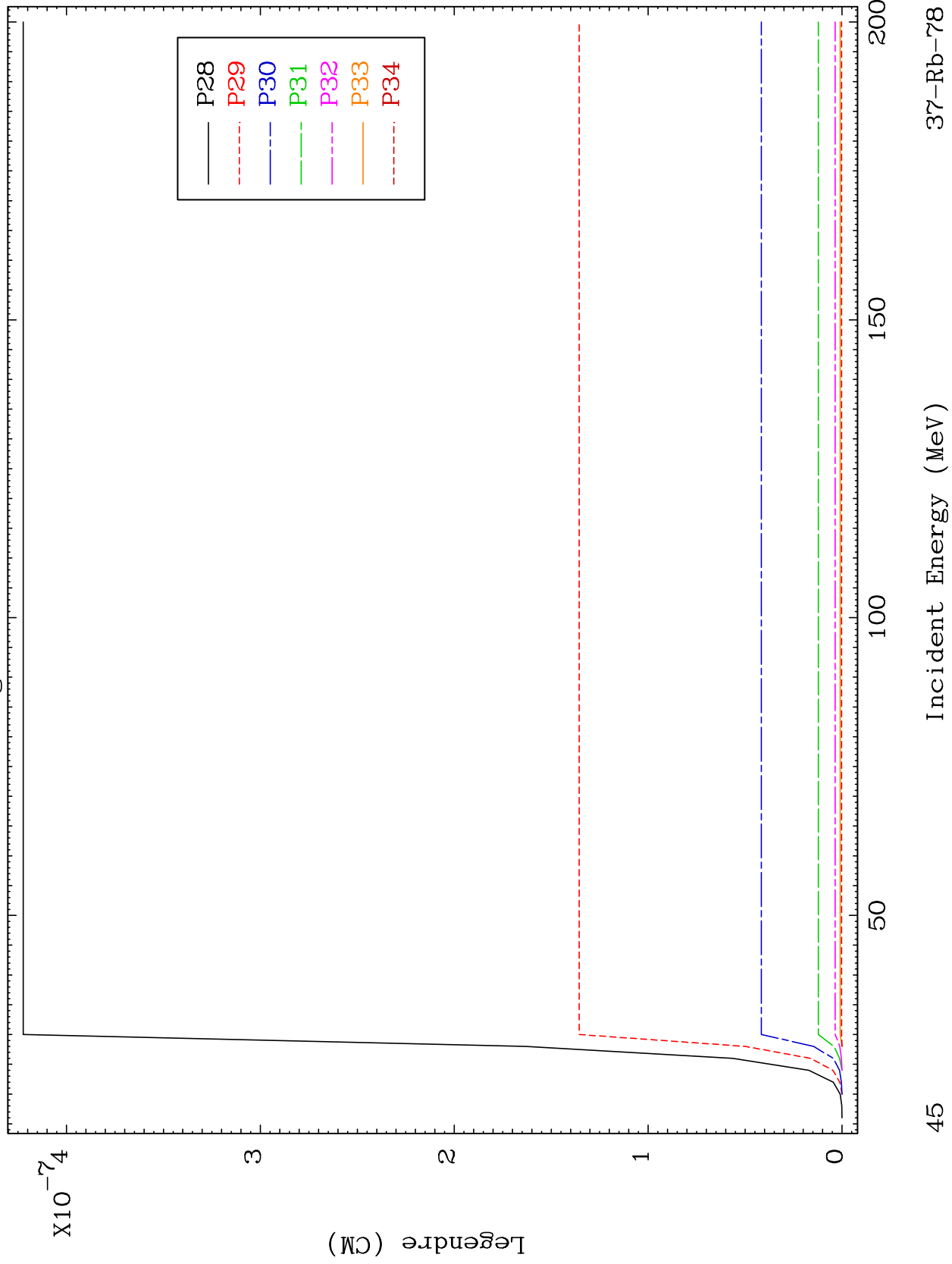
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

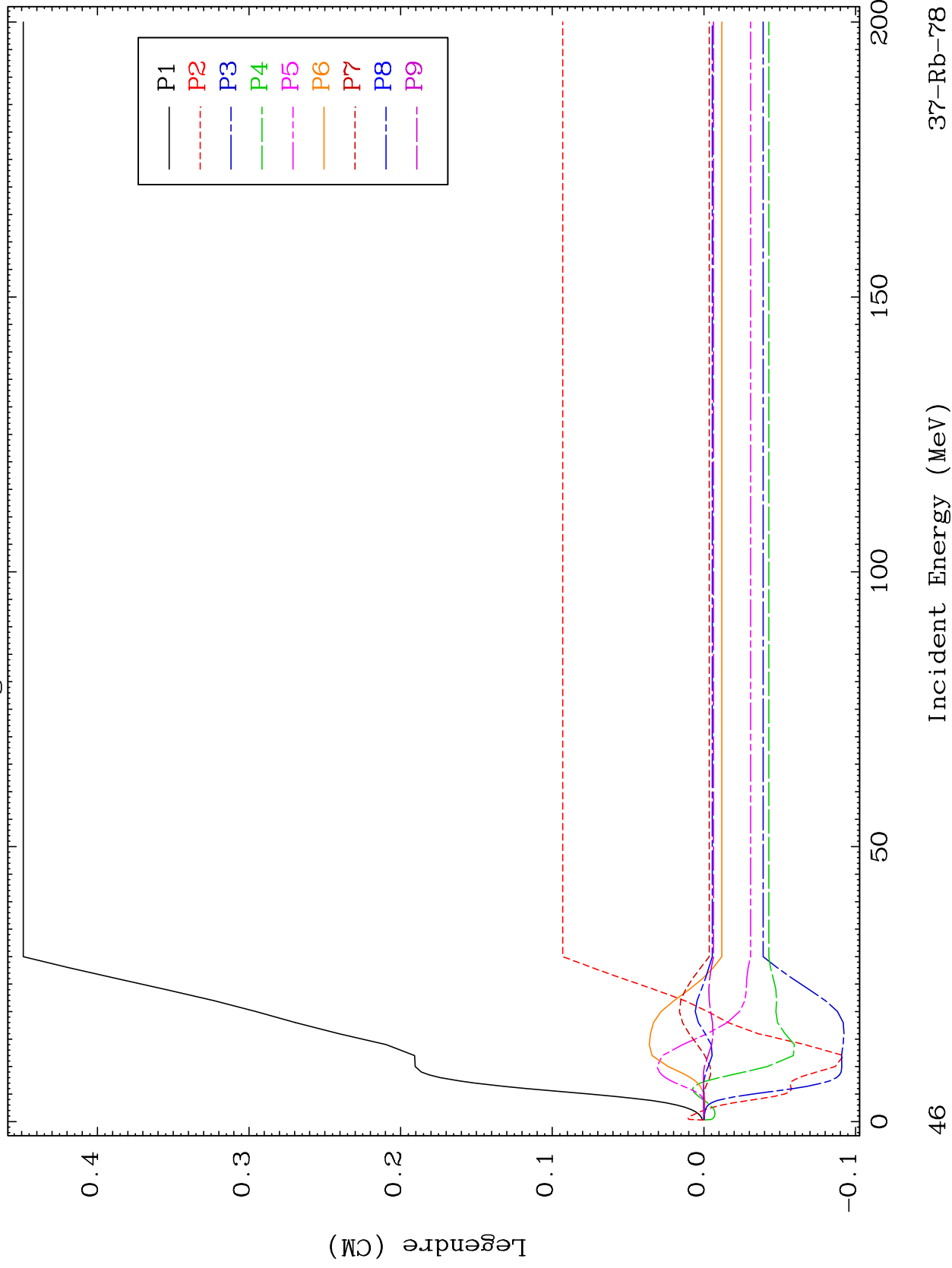
37-Rb-78



MAT 3704

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

37-Rb-78



37-Rb-78

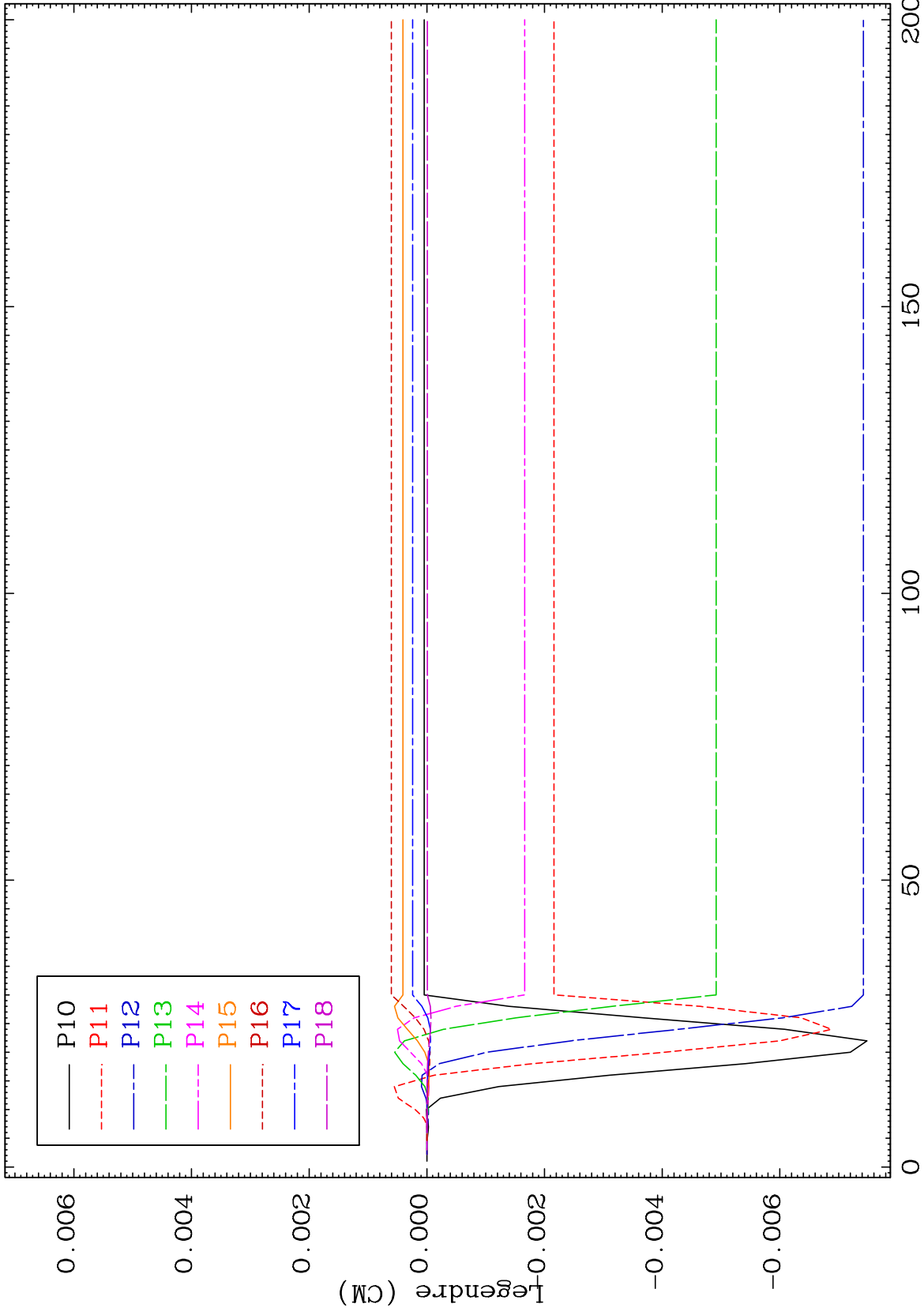
Incident Energy (MeV)

46

MAT 3704

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

37-Rb-78



47

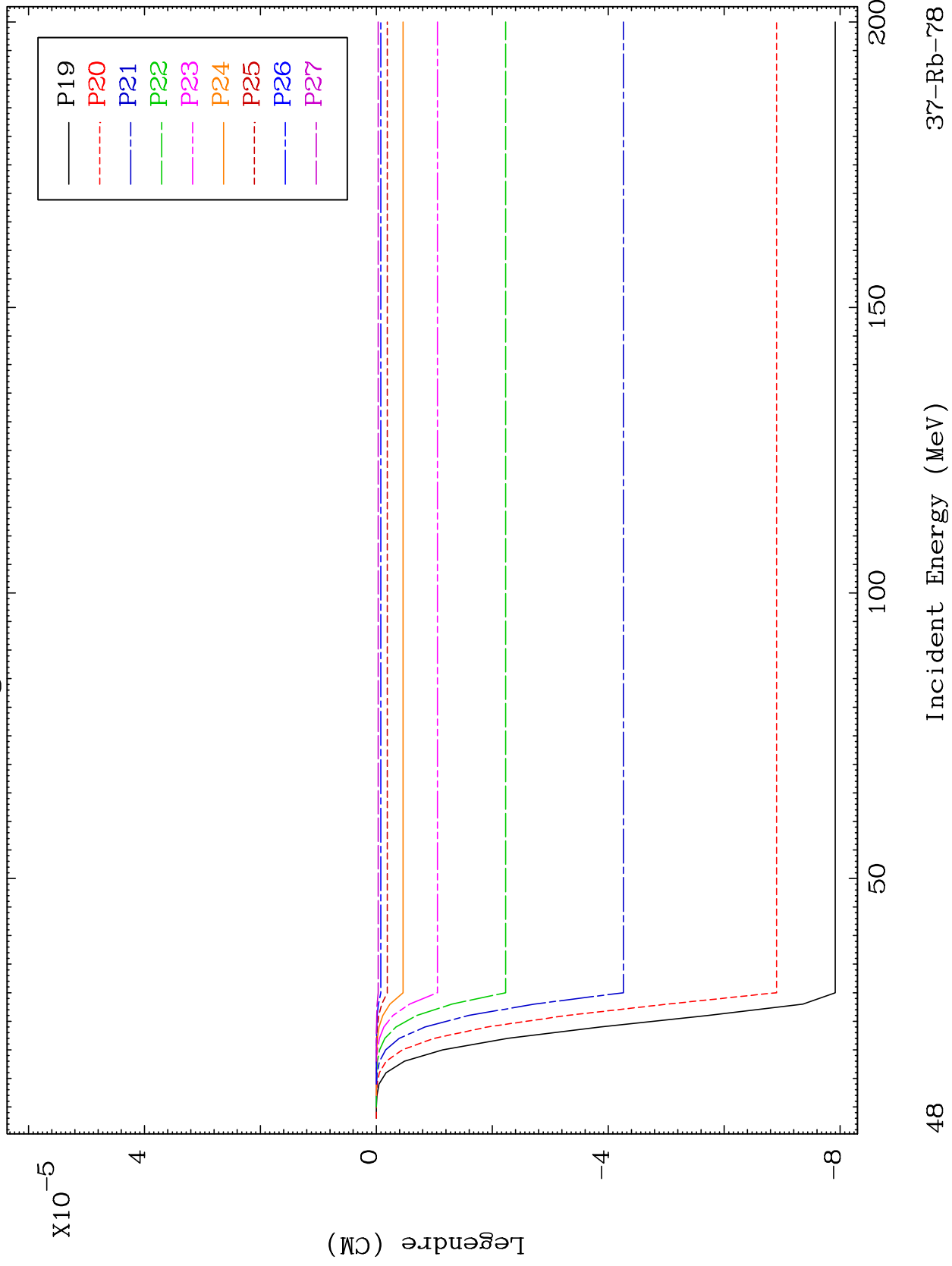
Incident Energy (MeV)

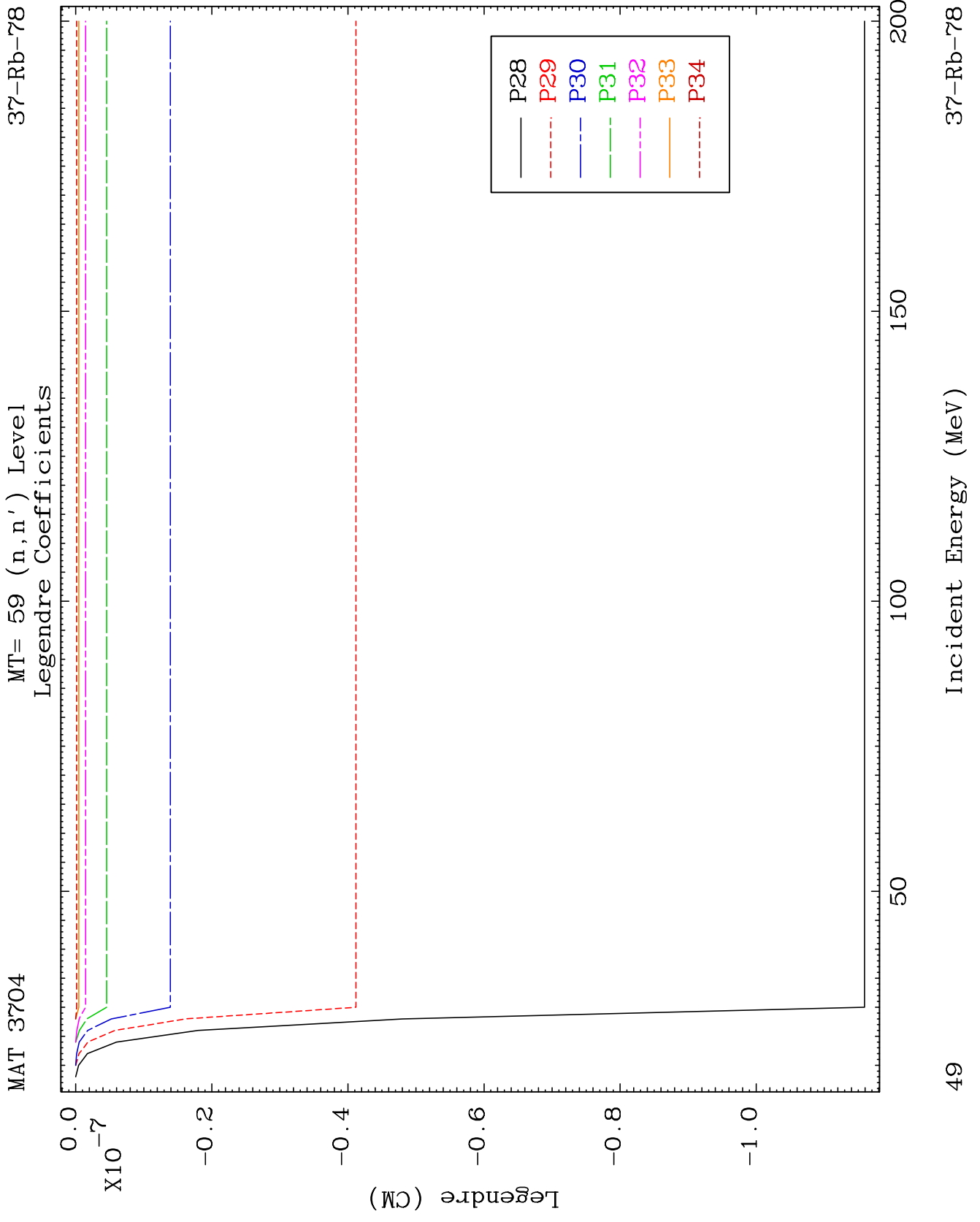
37-Rb-78

MAT 3704

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

37-Rb-78

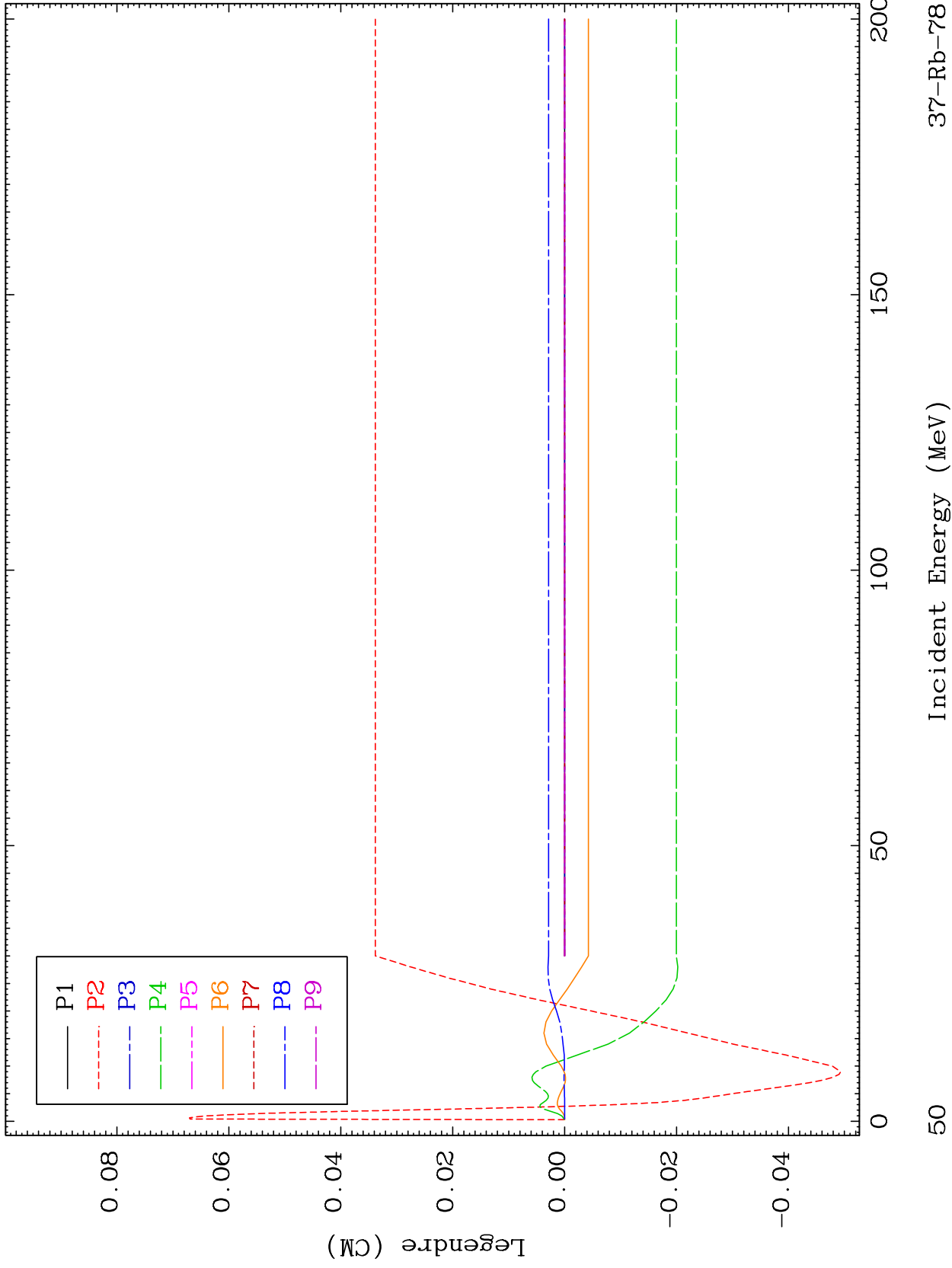




MAT 3704

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

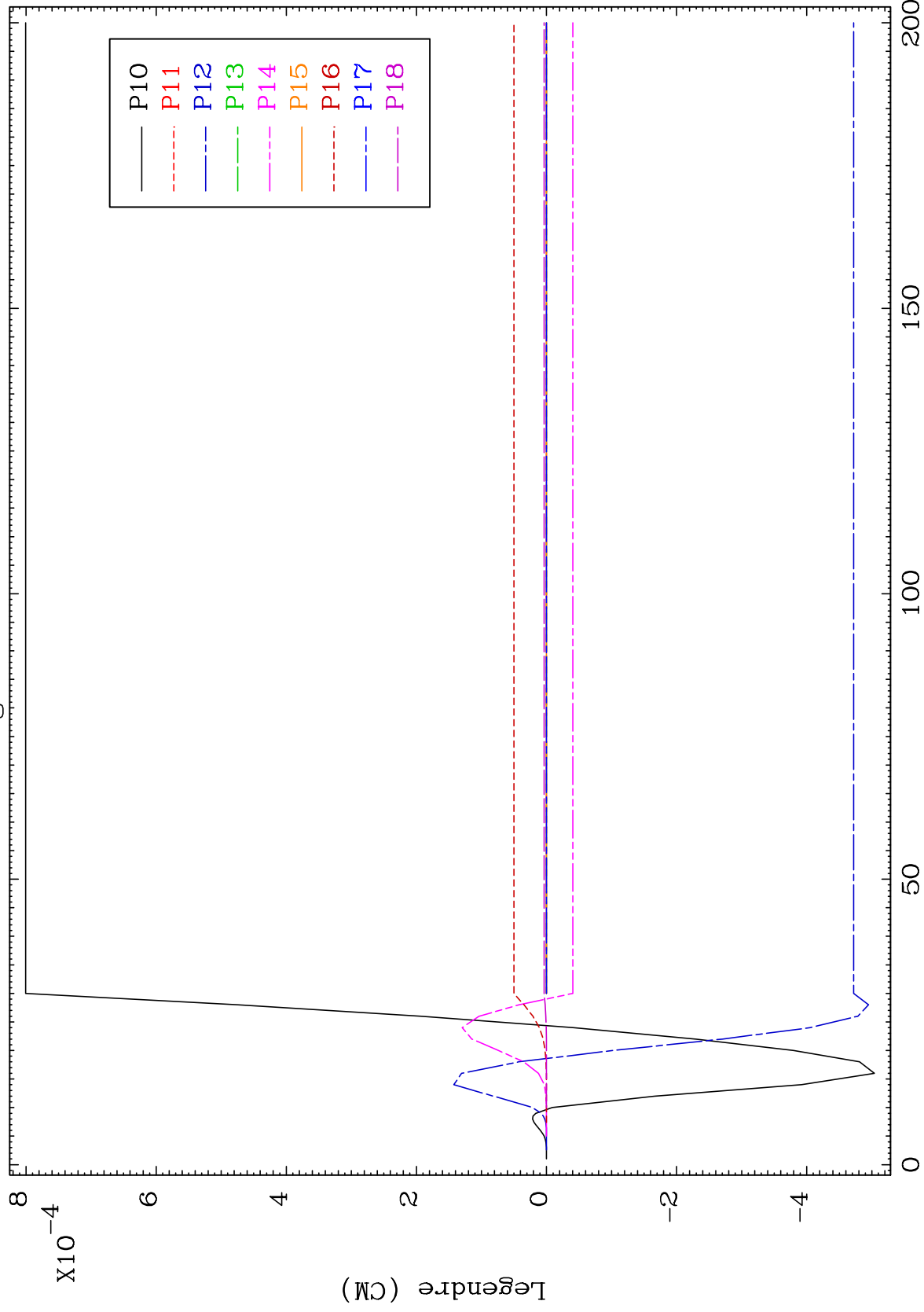
37-Rb-78



MAT 3704

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

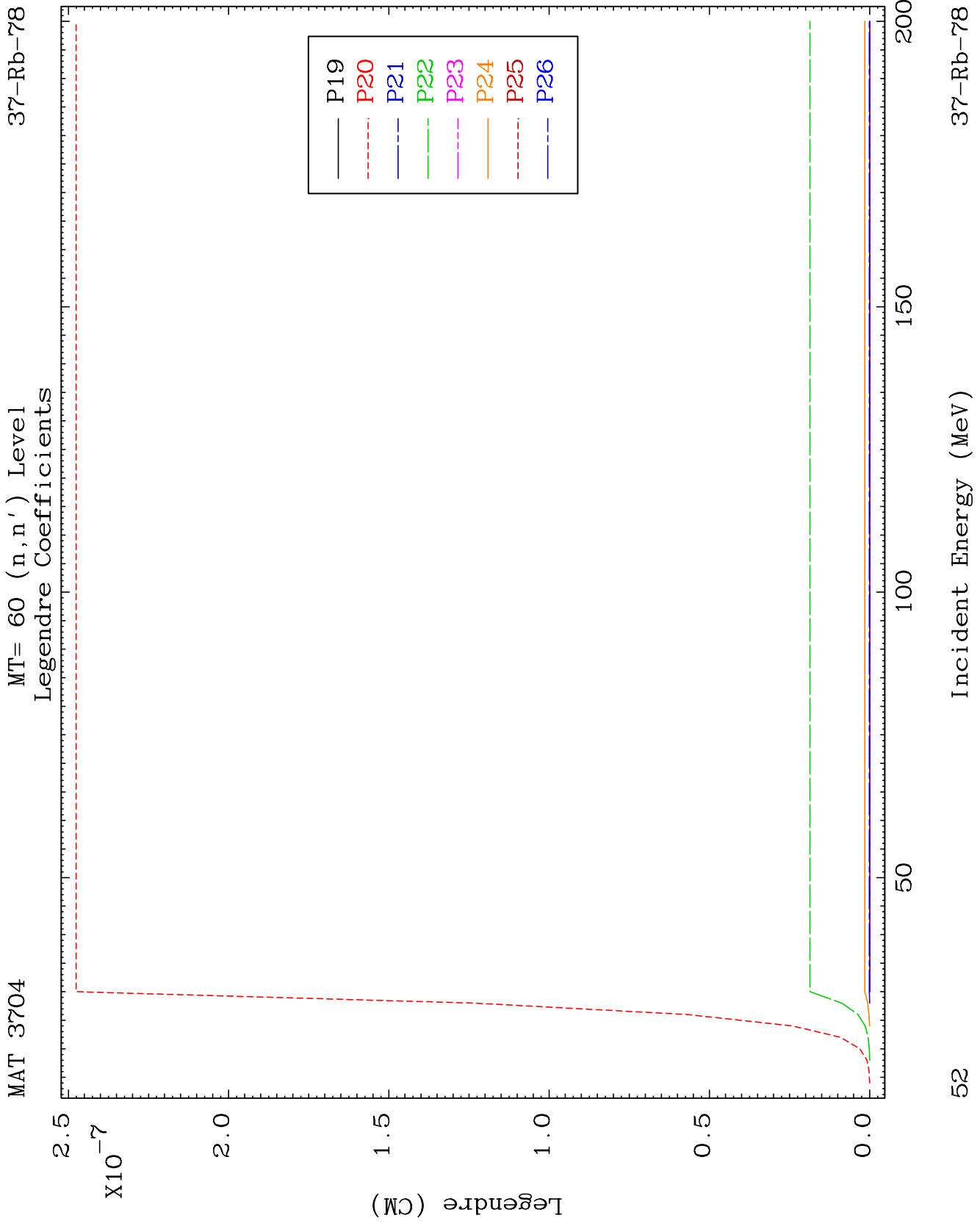
37-Rb-78



51

Incident Energy (MeV)

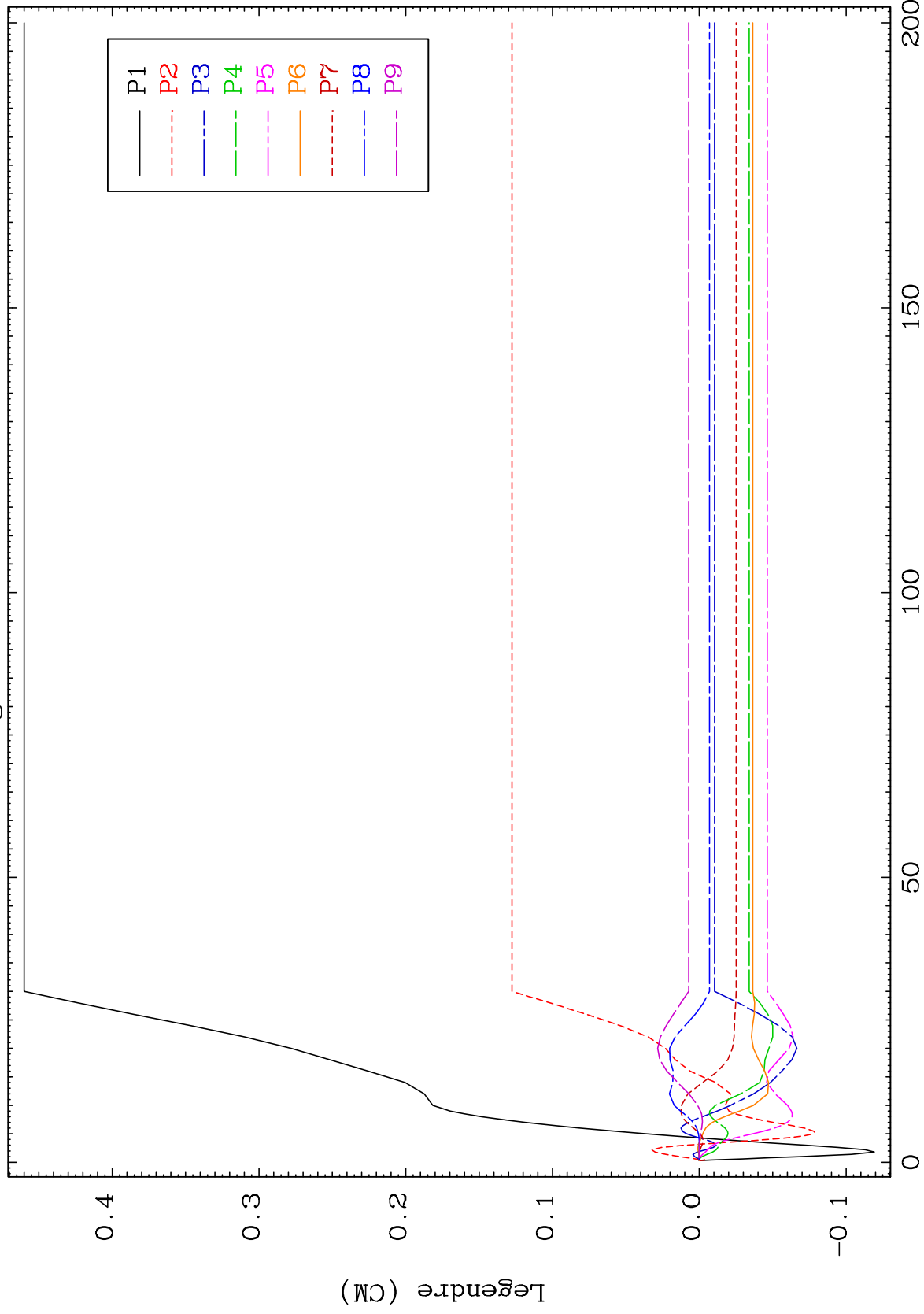
37-Rb-78



MAT 3704

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

37-Rb-78



53

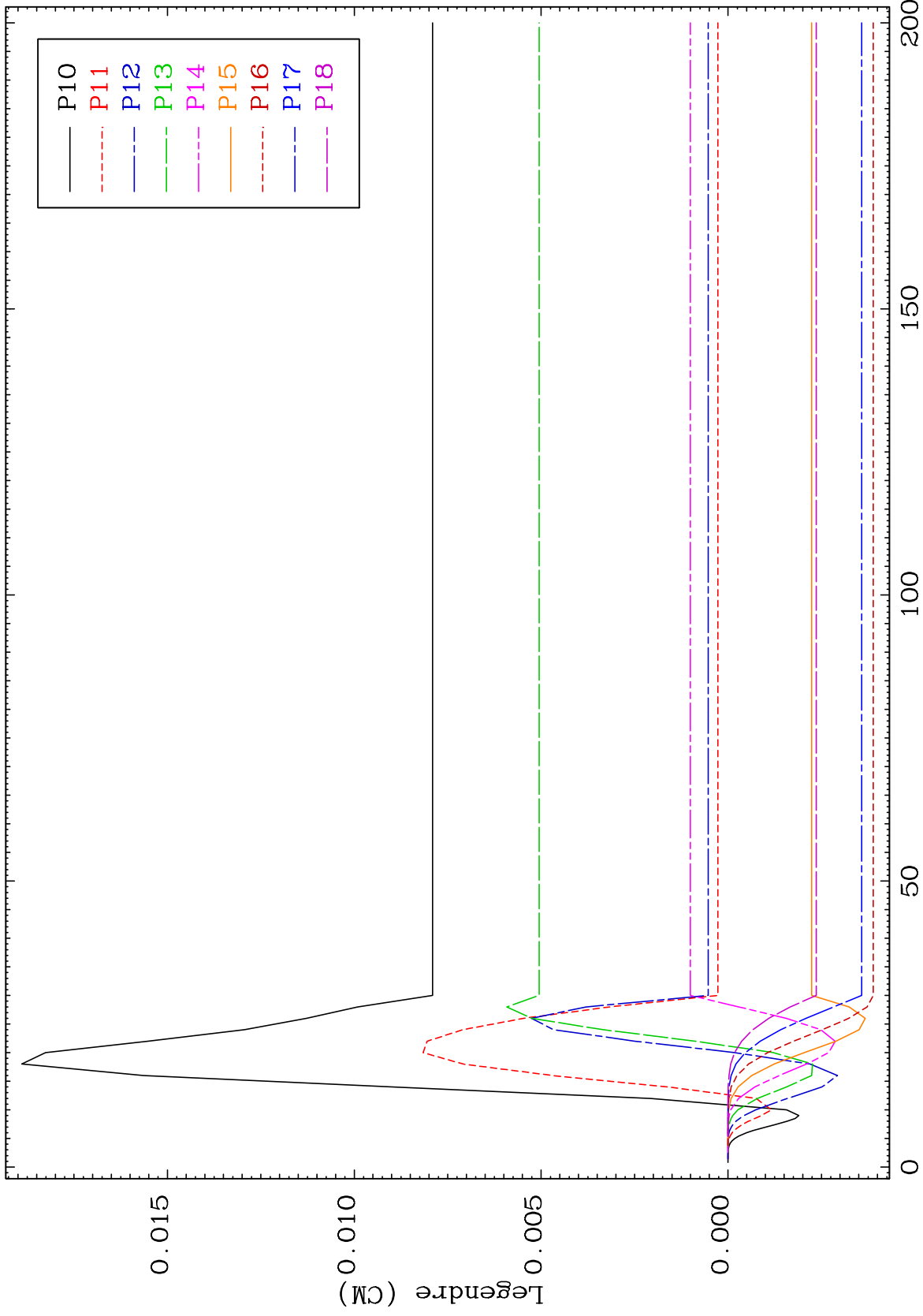
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

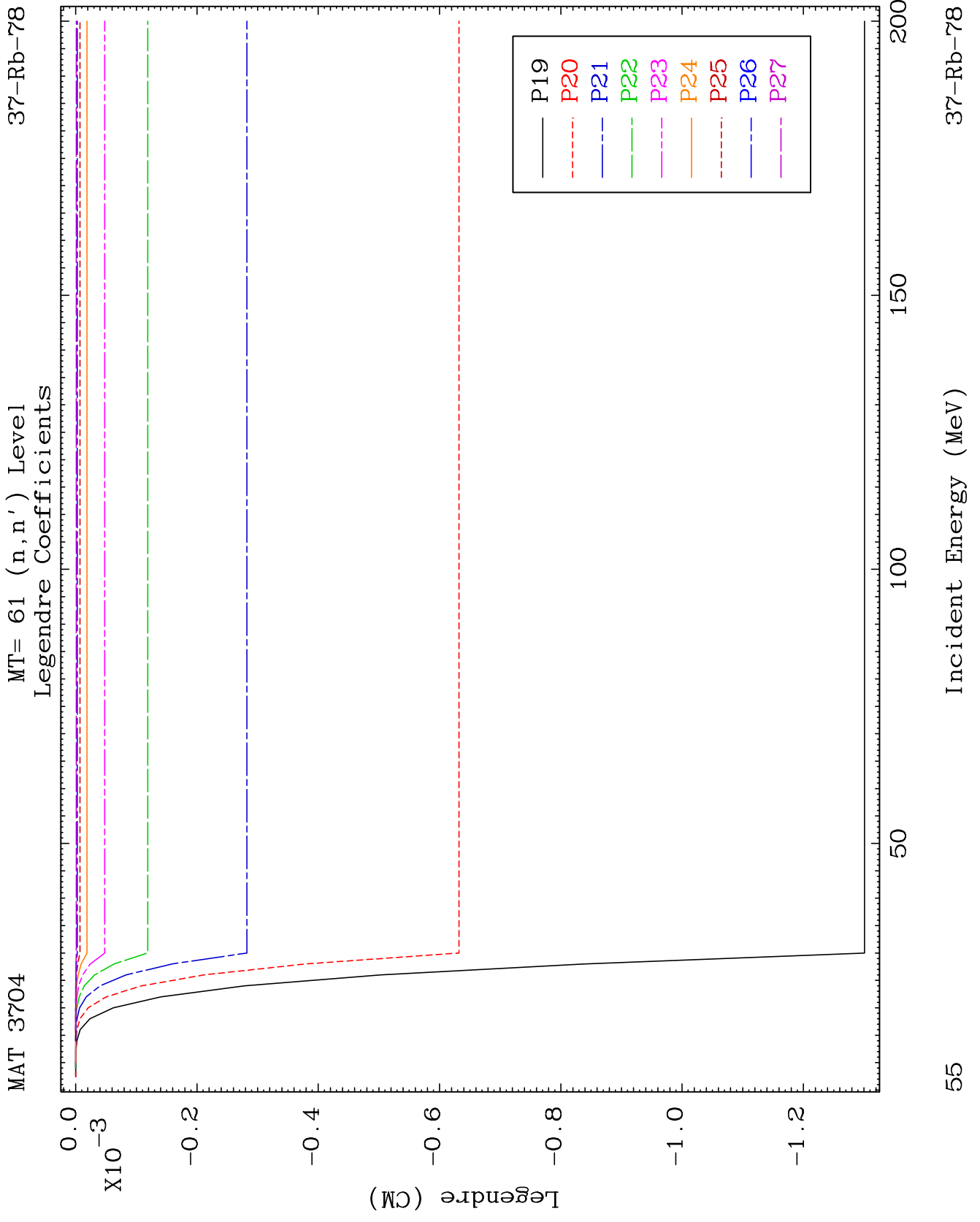
37-Rb-78

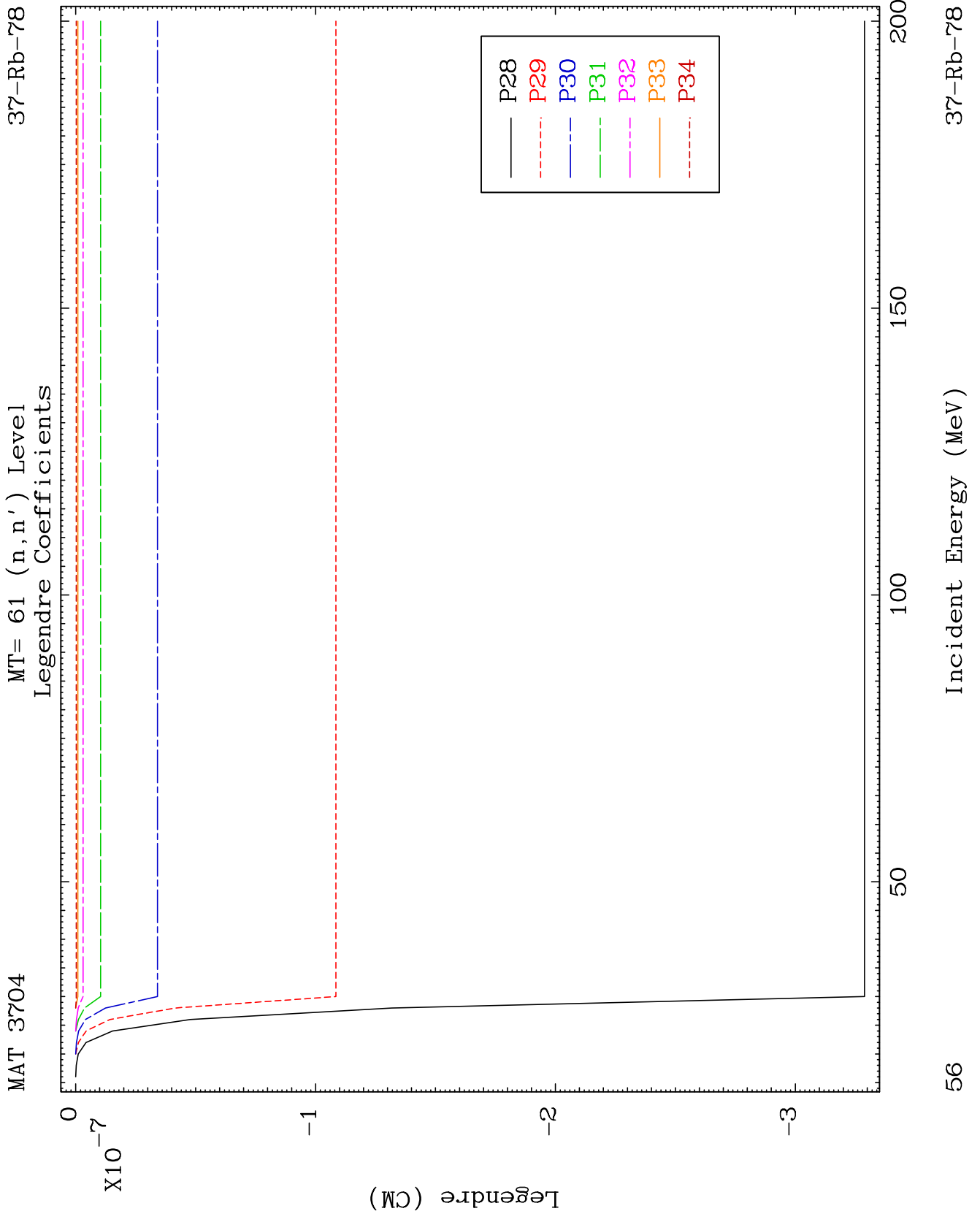


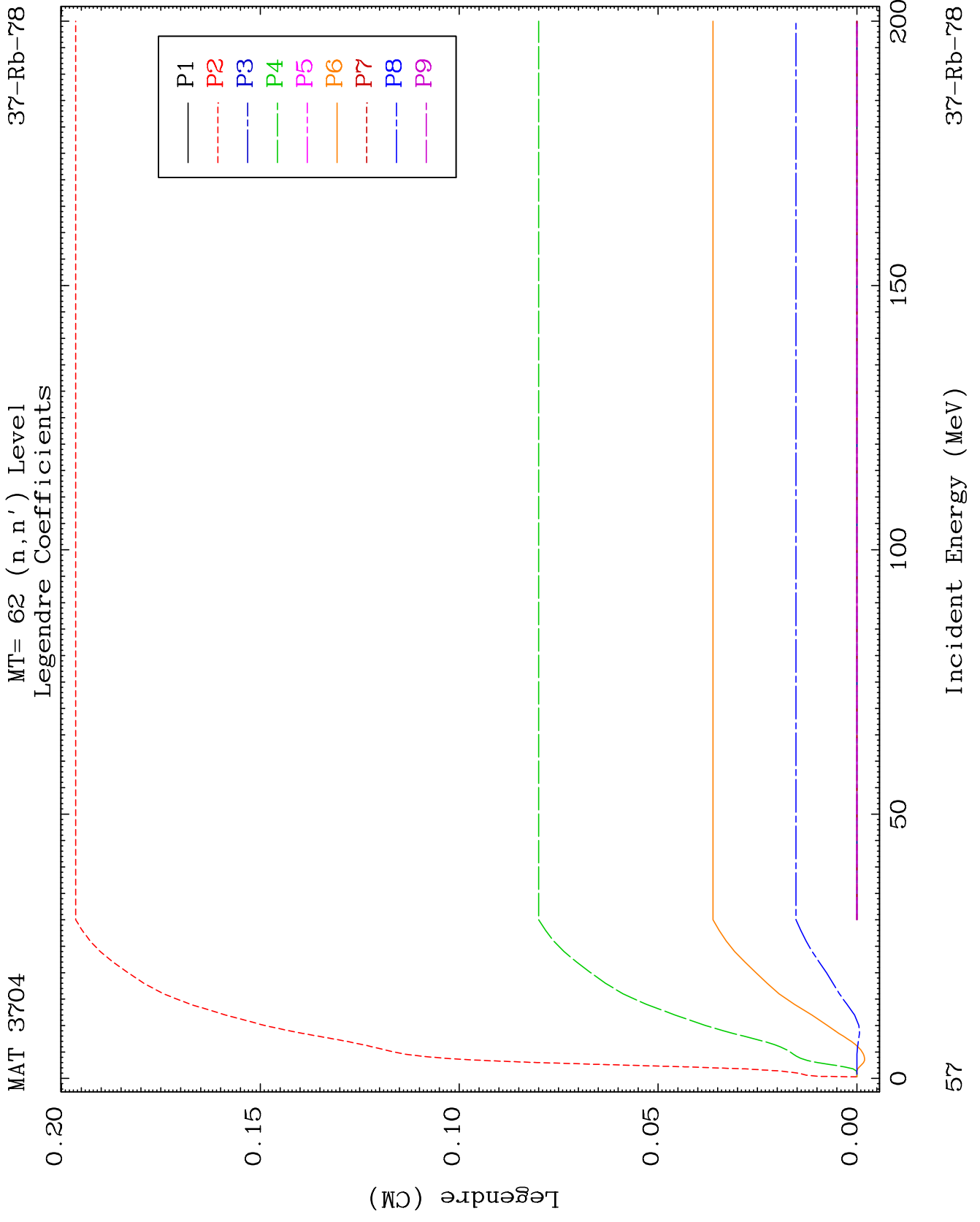
54

Incident Energy (MeV)

37-Rb-78



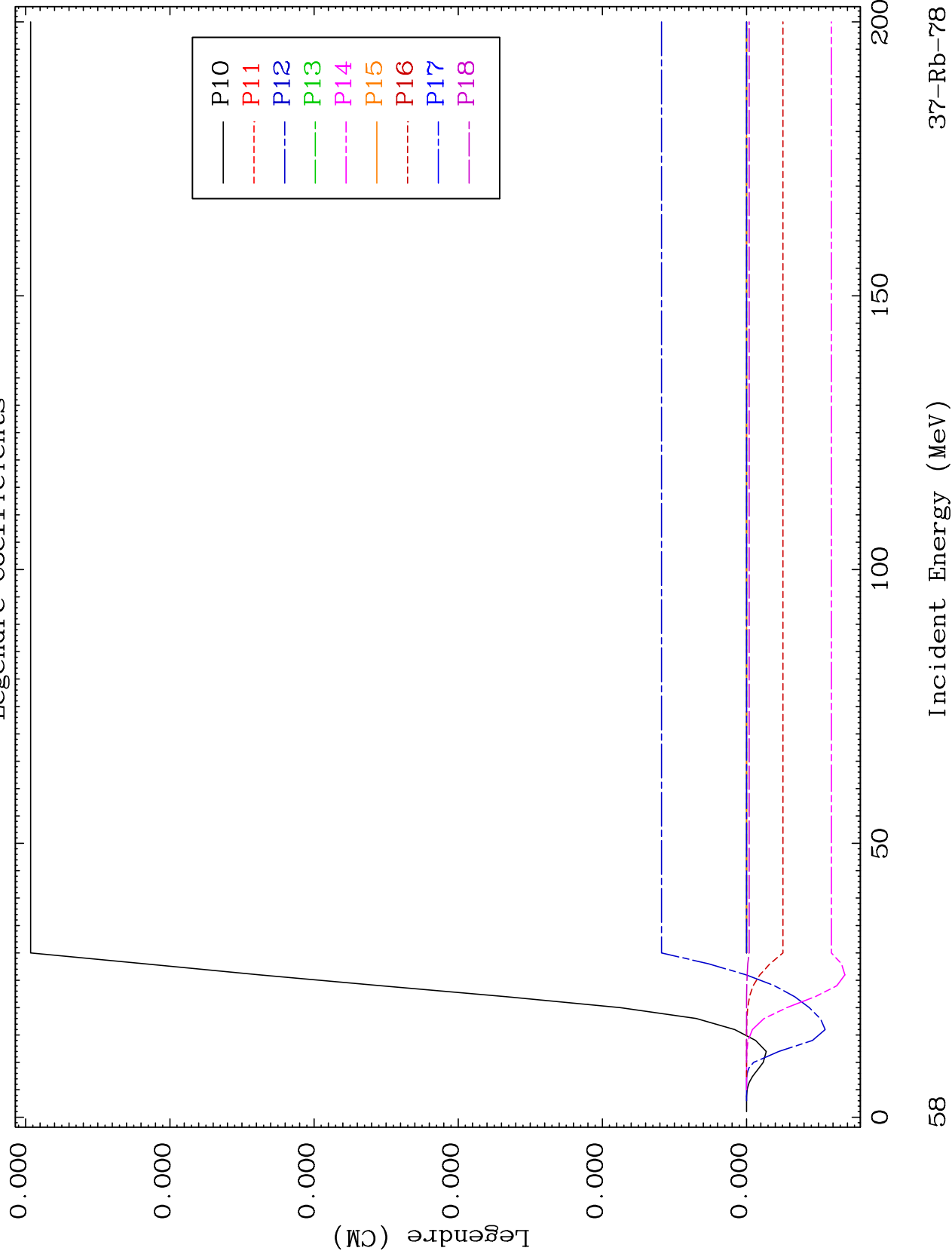




MAT 3704

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

37-Rb-78



58

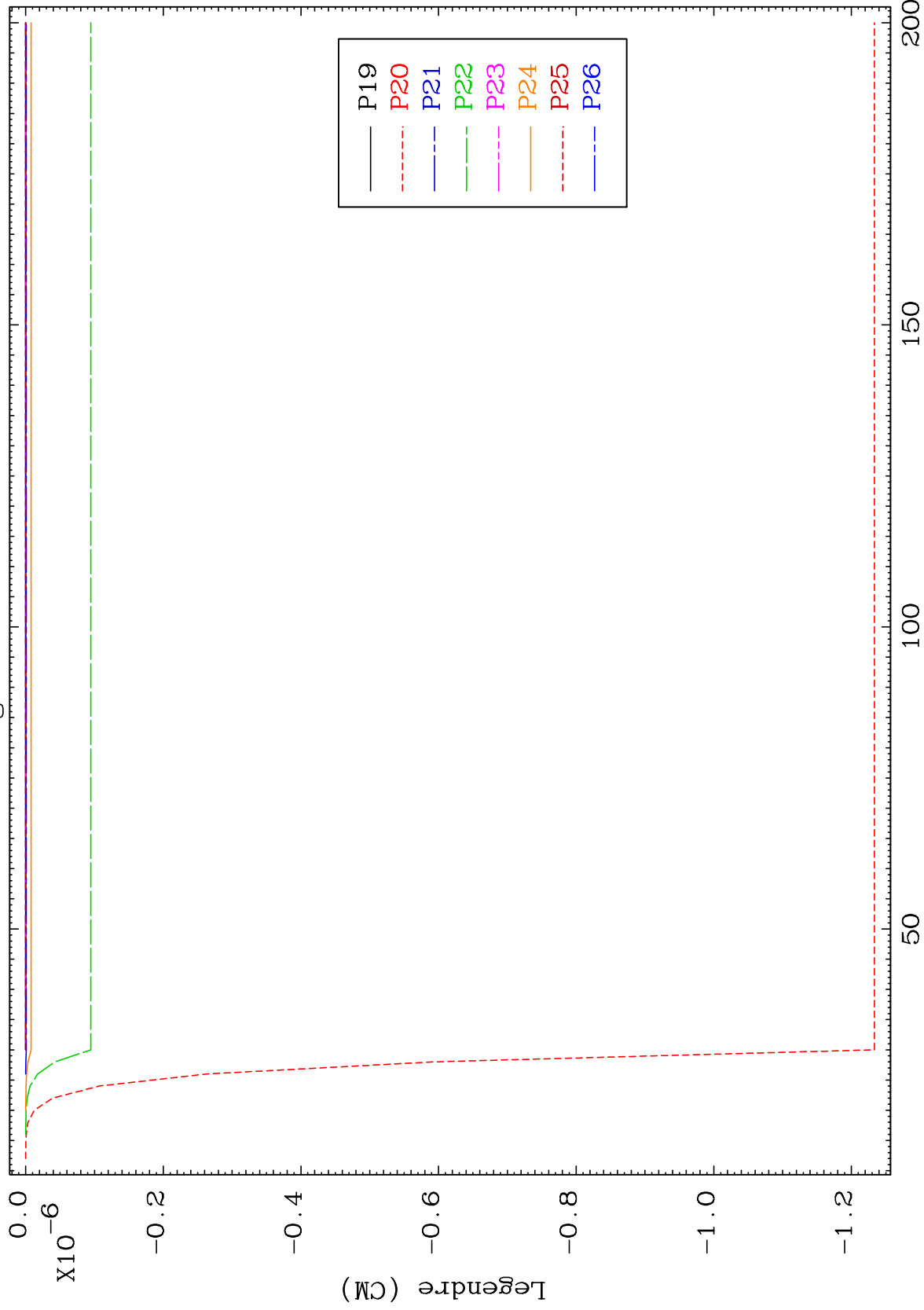
Incident Energy (MeV)

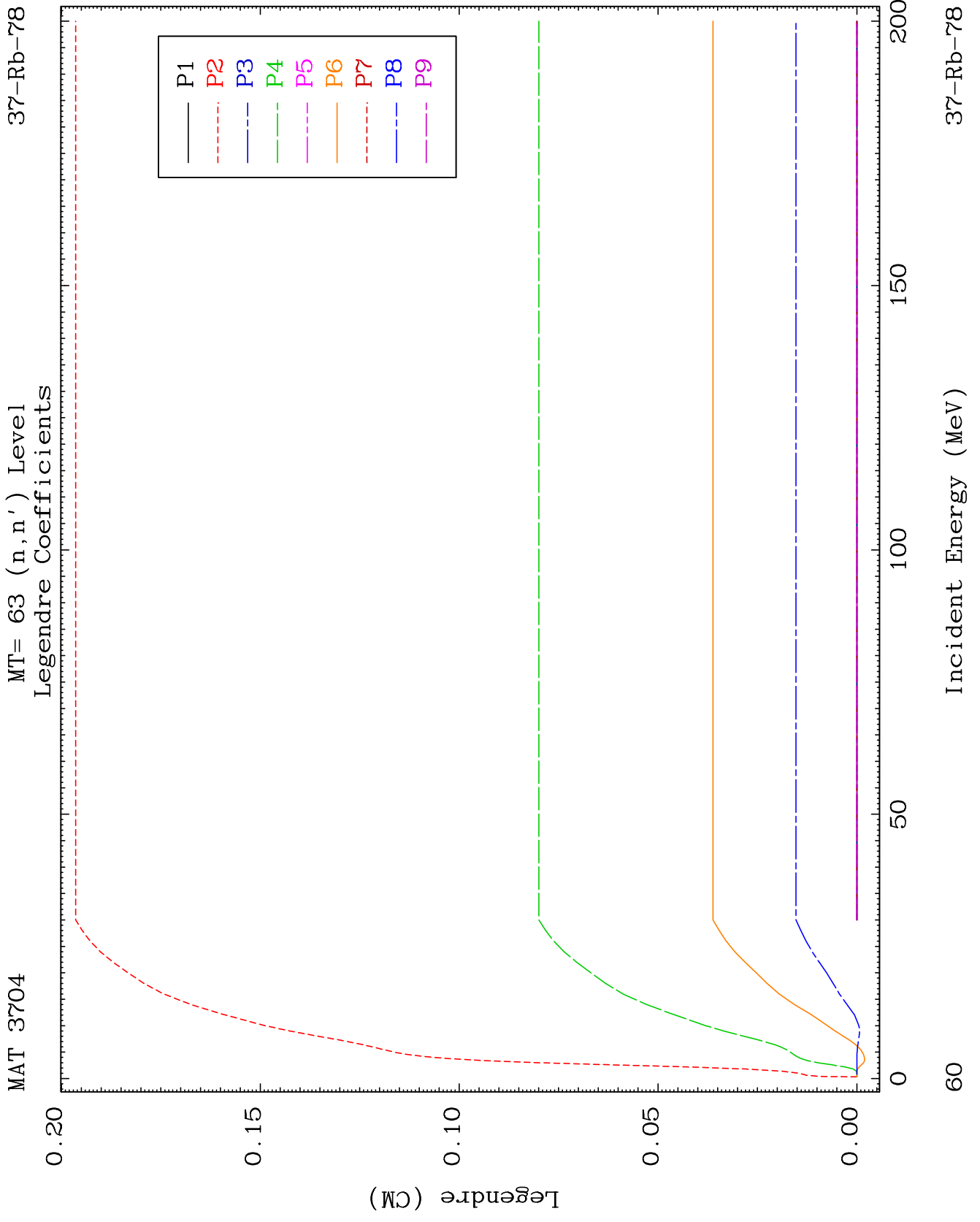
37-Rb-78

MAT 3704

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

37-Rb-78

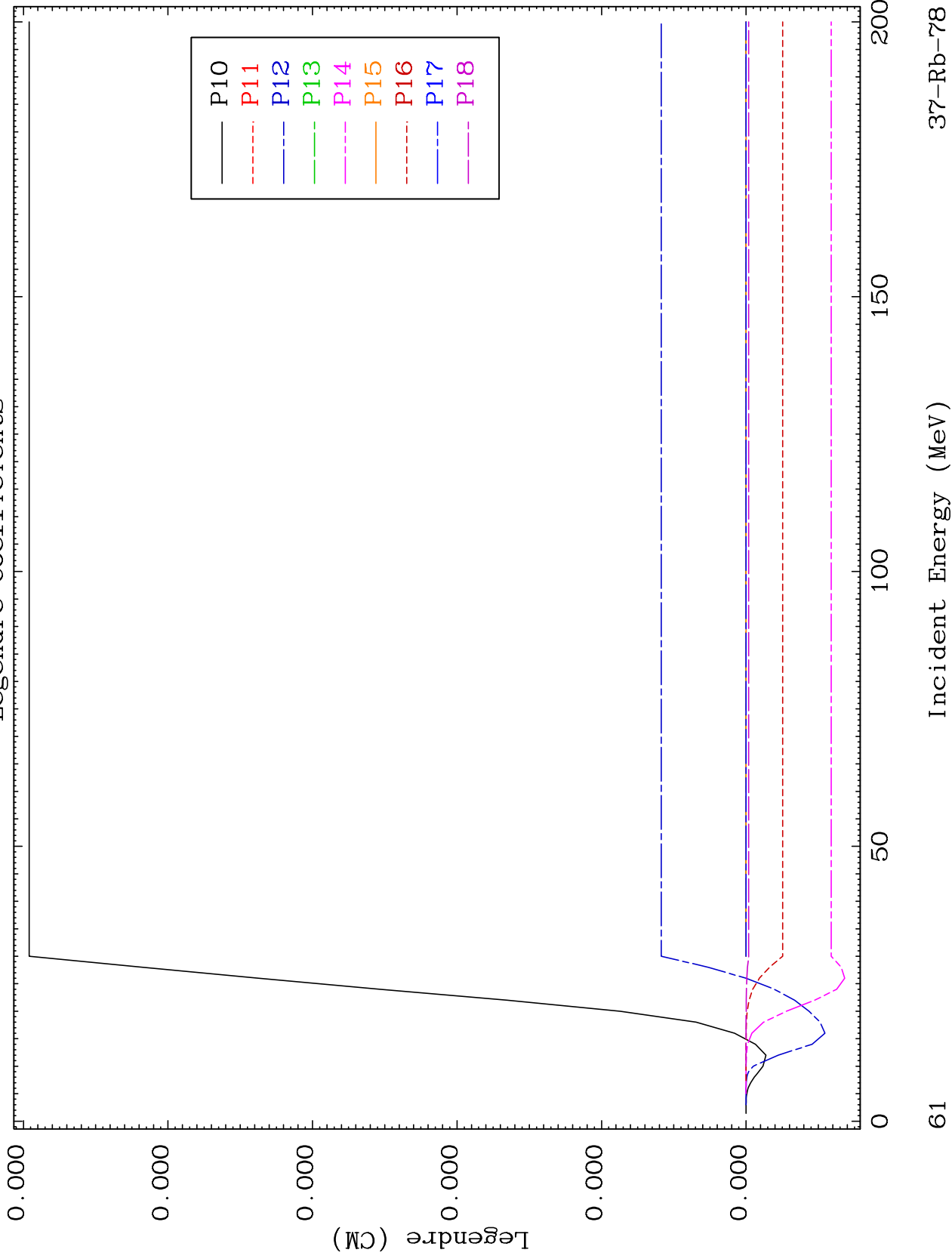




MAT 3704

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

37-Rb-78



61

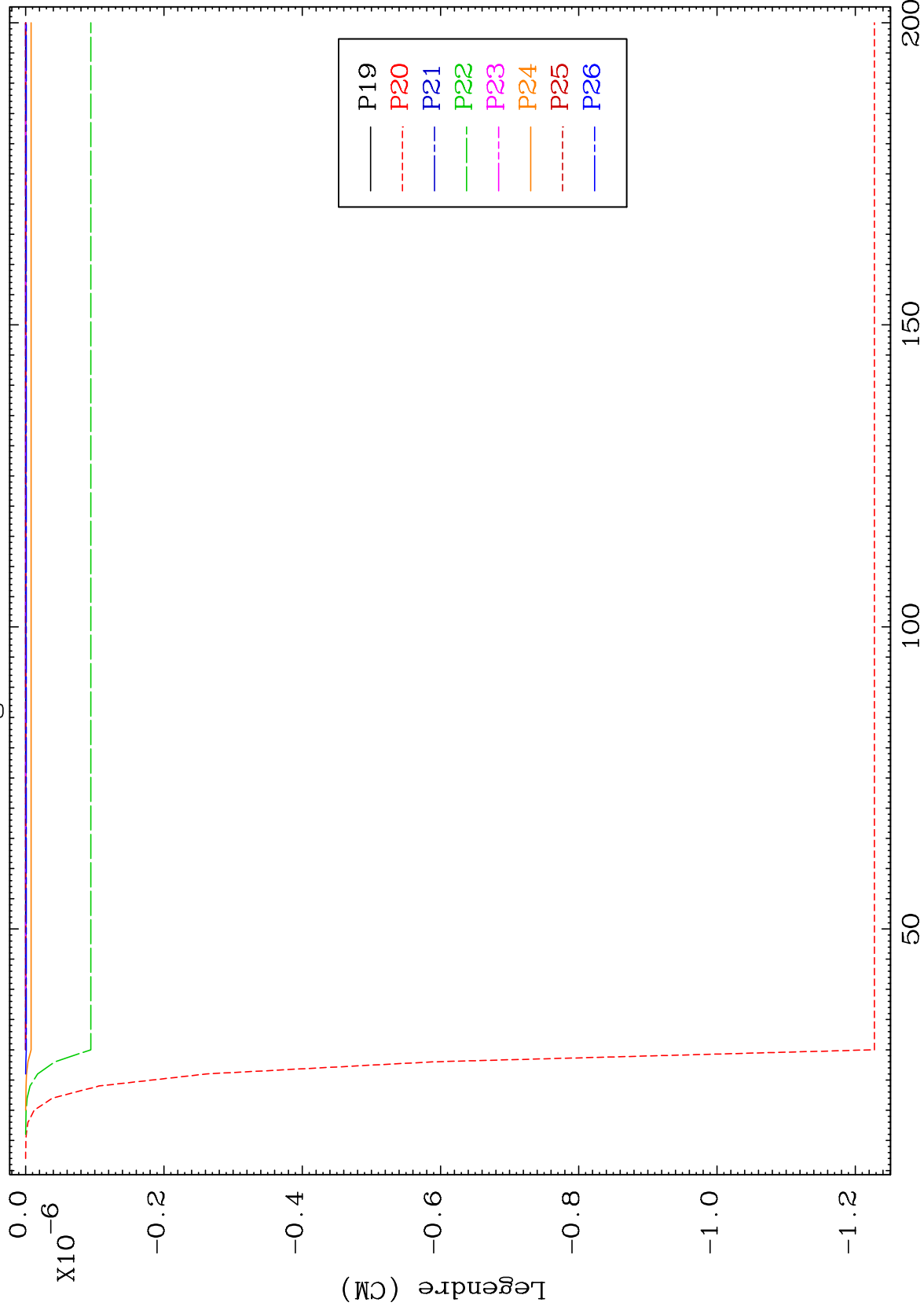
Incident Energy (MeV)

37-Rb-78

MAT 3704

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

37-Rb-78



62

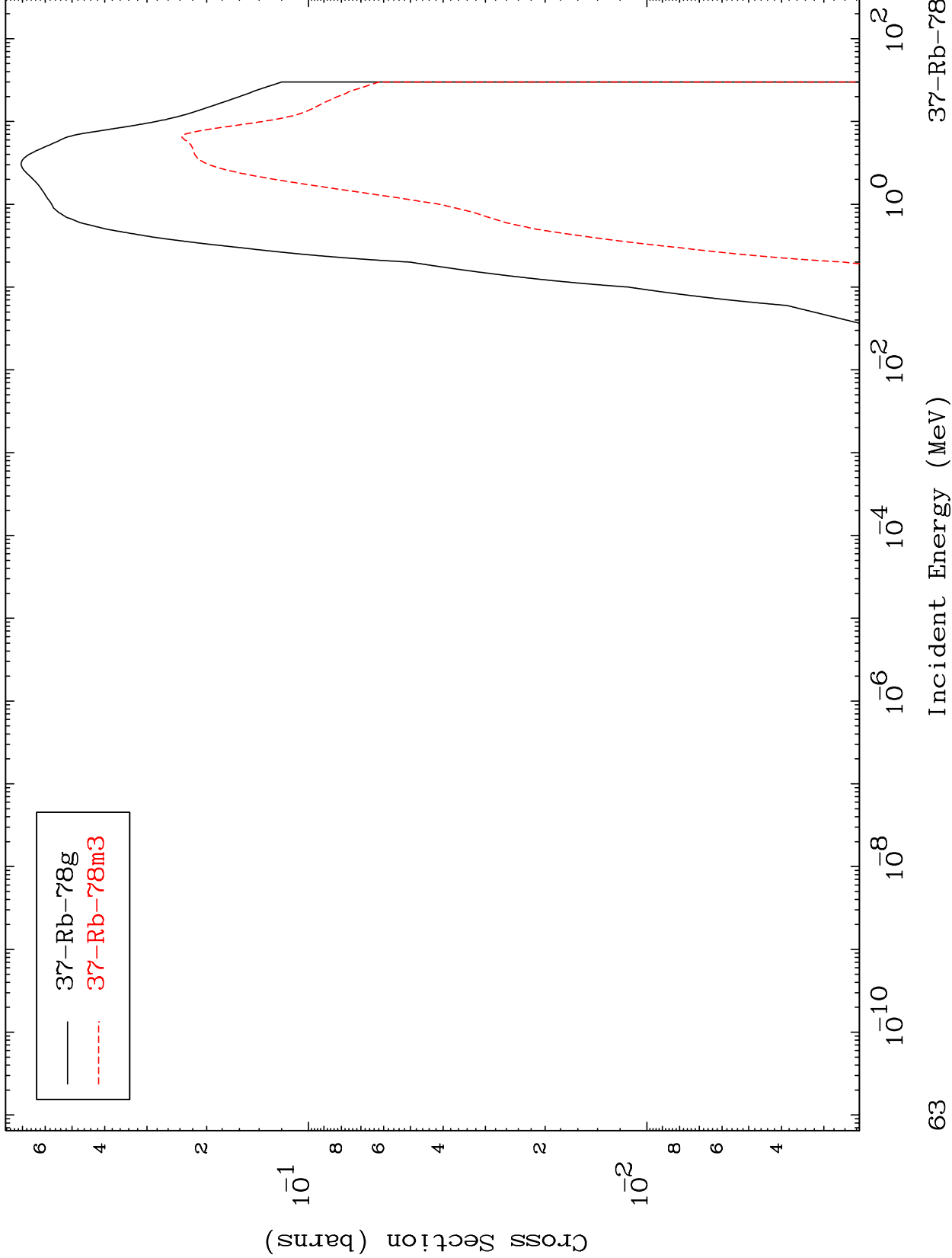
Incident Energy (MeV)

37-Rb-78

MAT 3704

Inelastic
Radionuclide Production Cross Section

³⁷Rb-78



— 37-Rb-78g
- - - 37-Rb-78m3

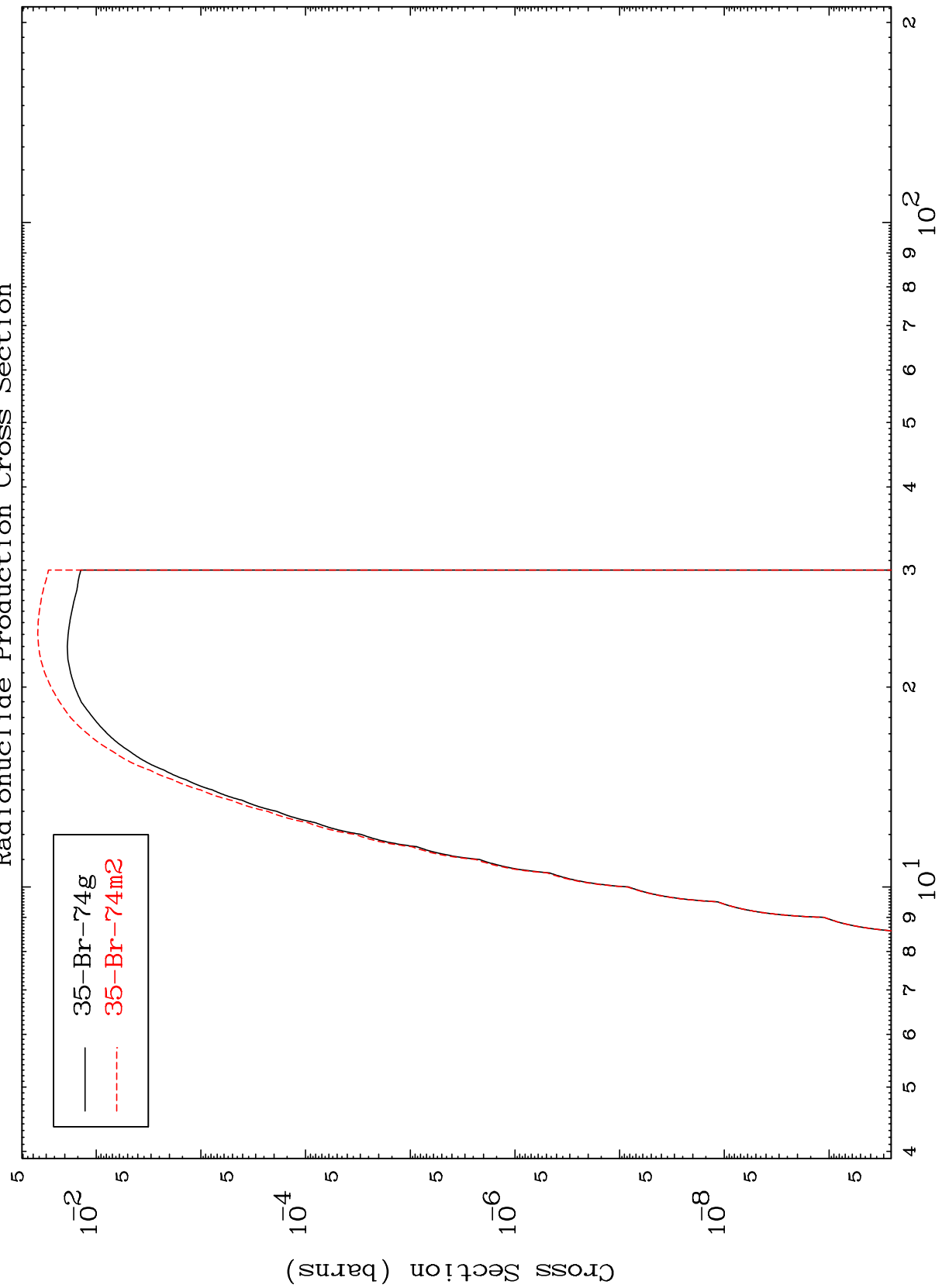
³⁷Rb-78

MAT 3704

37-Rb-78

(n,n') α

Radionuclide Production Cross Section



64

Incident Energy (MeV)

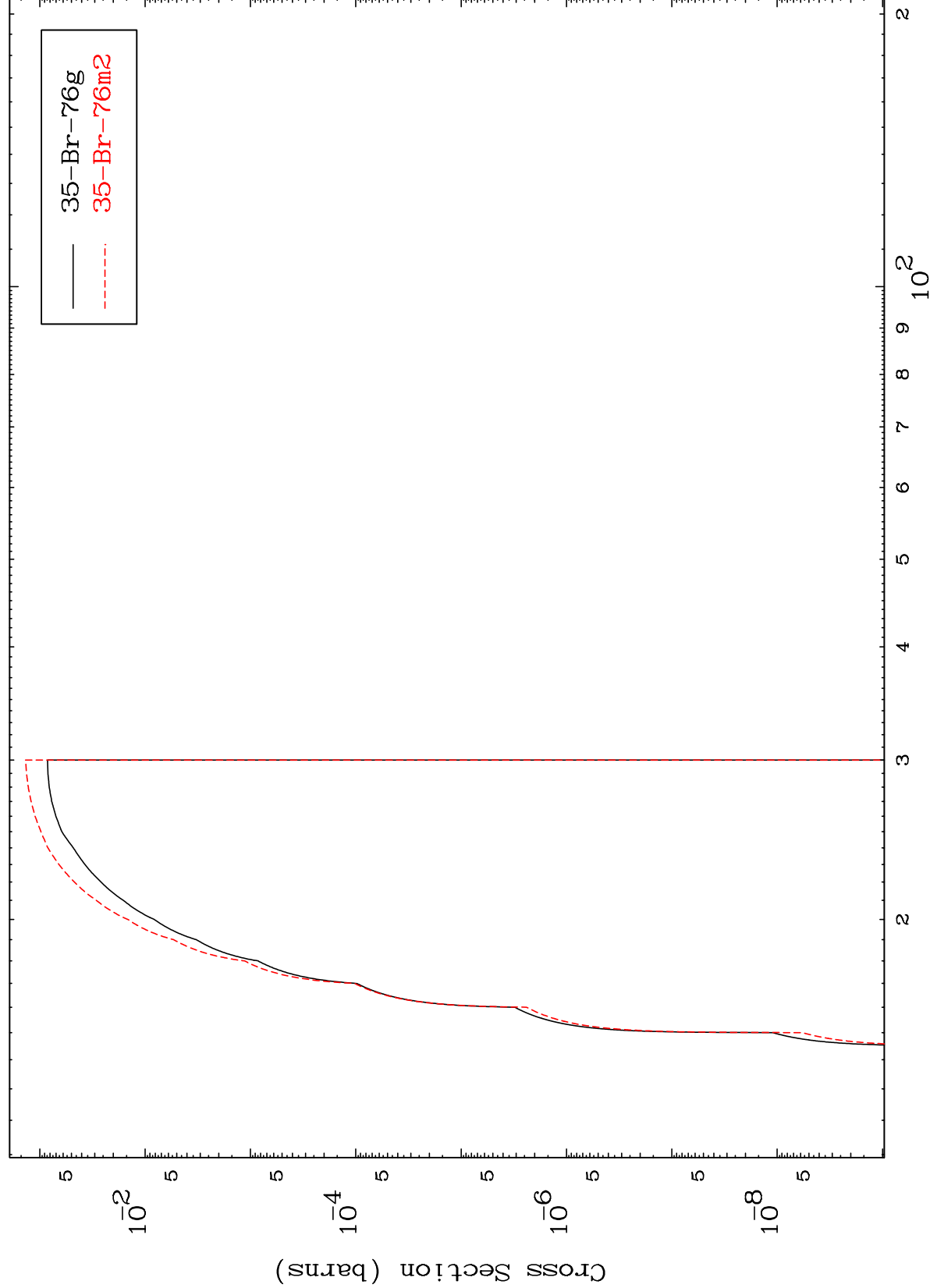
37-Rb-78

MAT 3704

(n,2n) p

37-Rb-78

Radionuclide Production Cross Section



65

Incident Energy (MeV)

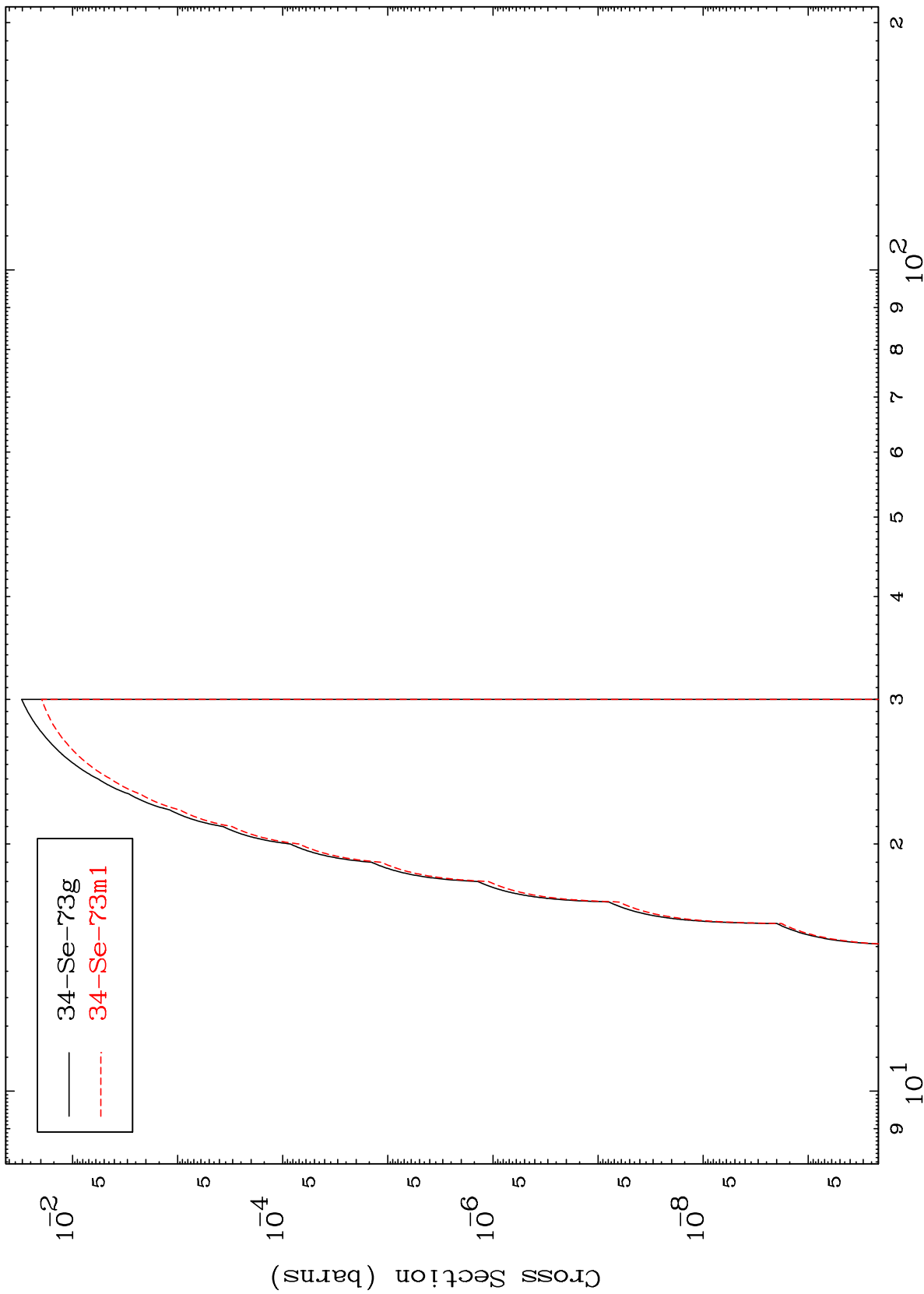
37-Rb-78

MAT 3704

(n,n') p α

37-Rb-78

Radionuclide Production Cross Section



66

Incident Energy (MeV)

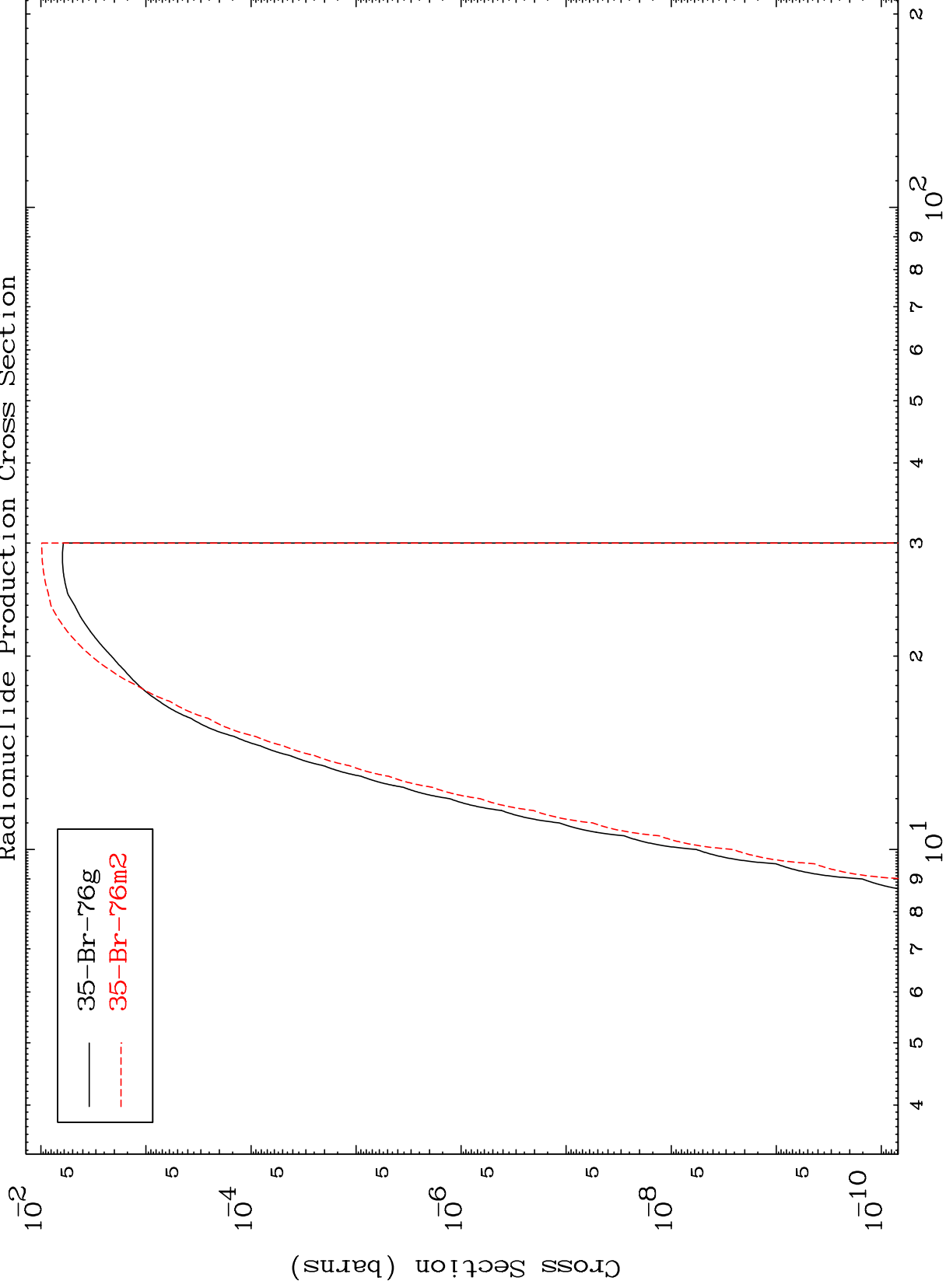
37-Rb-78

MAT 3704

(n,He-3)

37-Rb-78

Radionuclide Production Cross Section



67

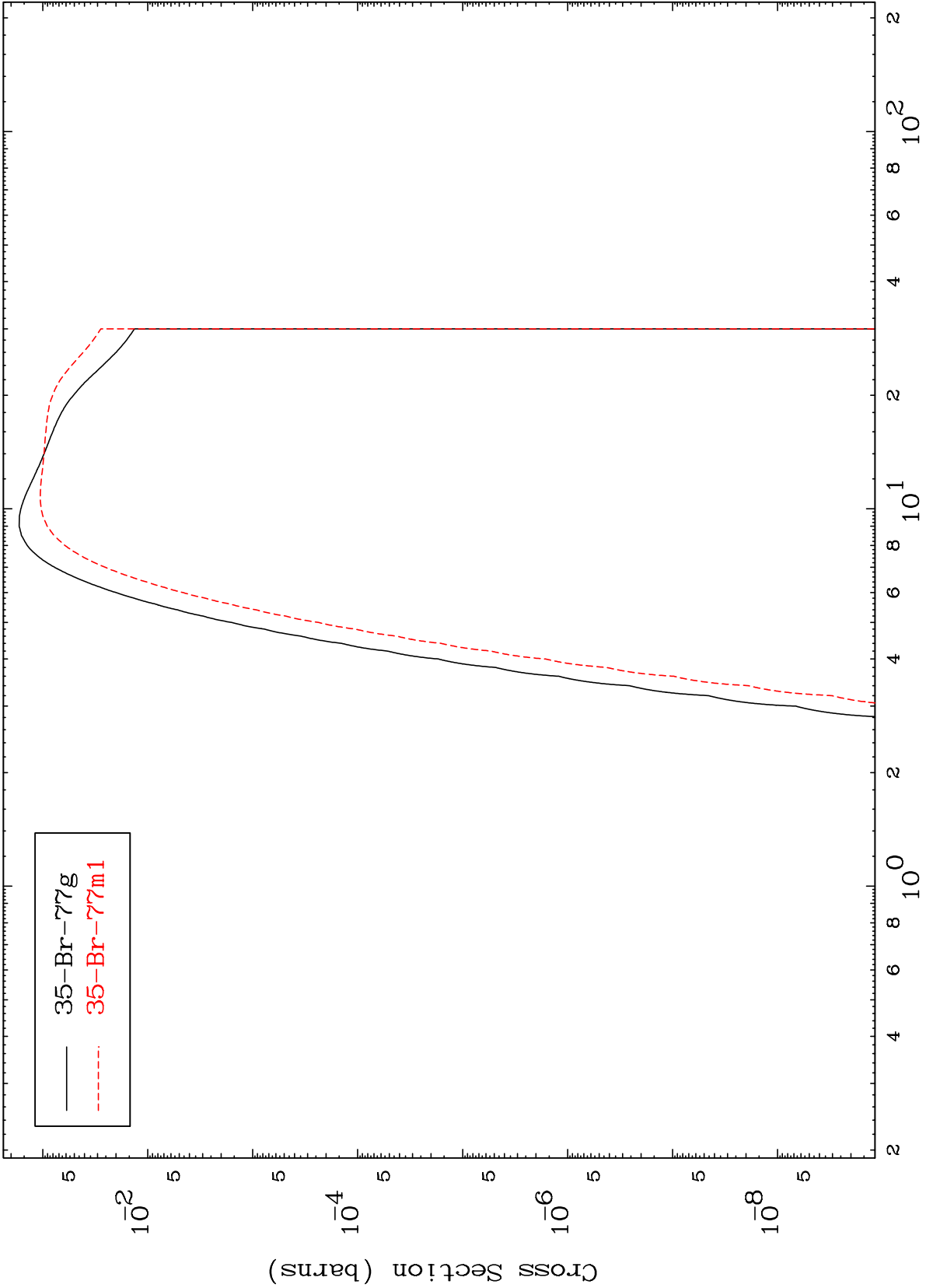
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

(n,2p)
Radionuclide Production Cross Section



68

37-Rb-78

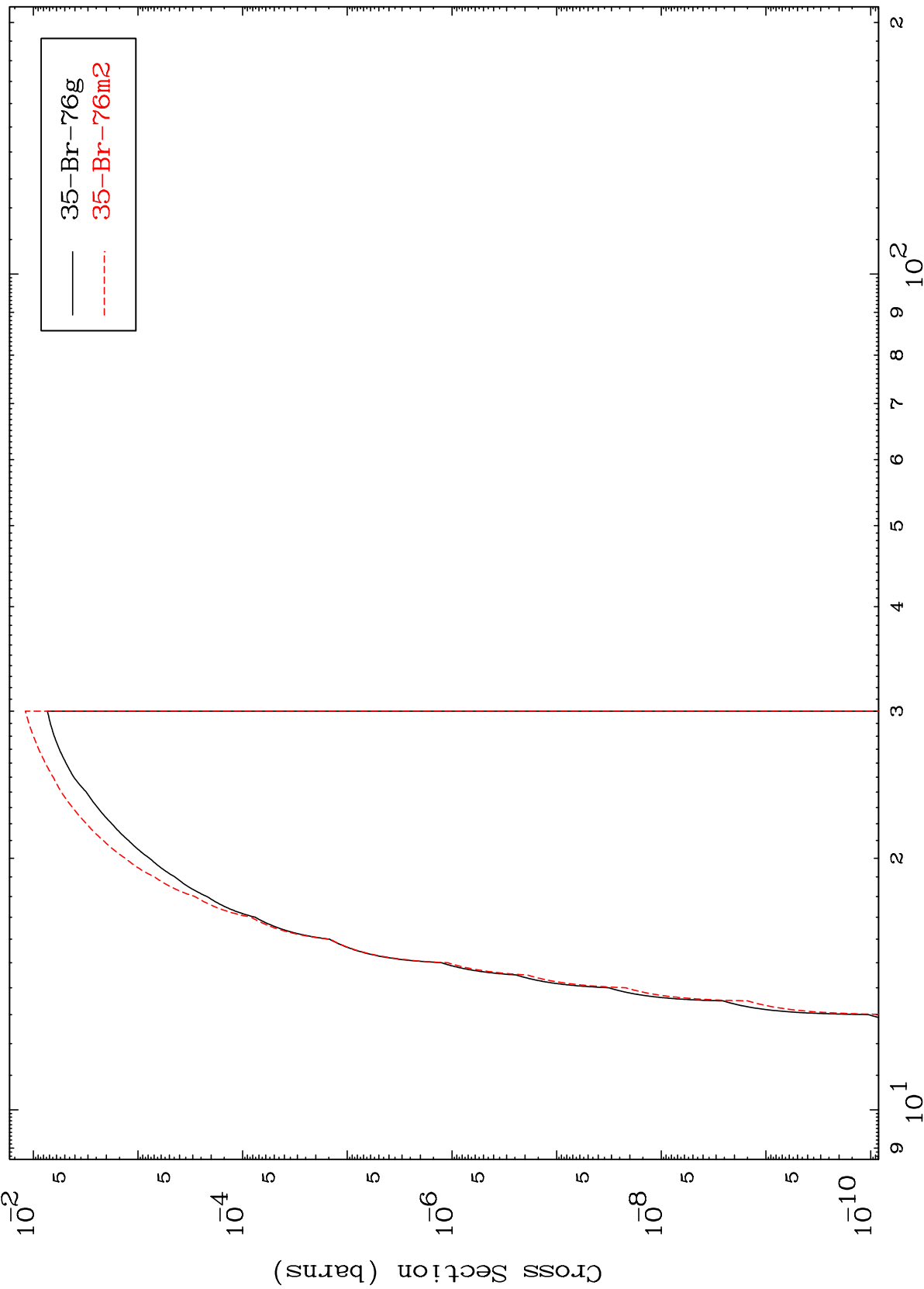
Incident Energy (MeV)

MAT 3704

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



69

Incident Energy (MeV)

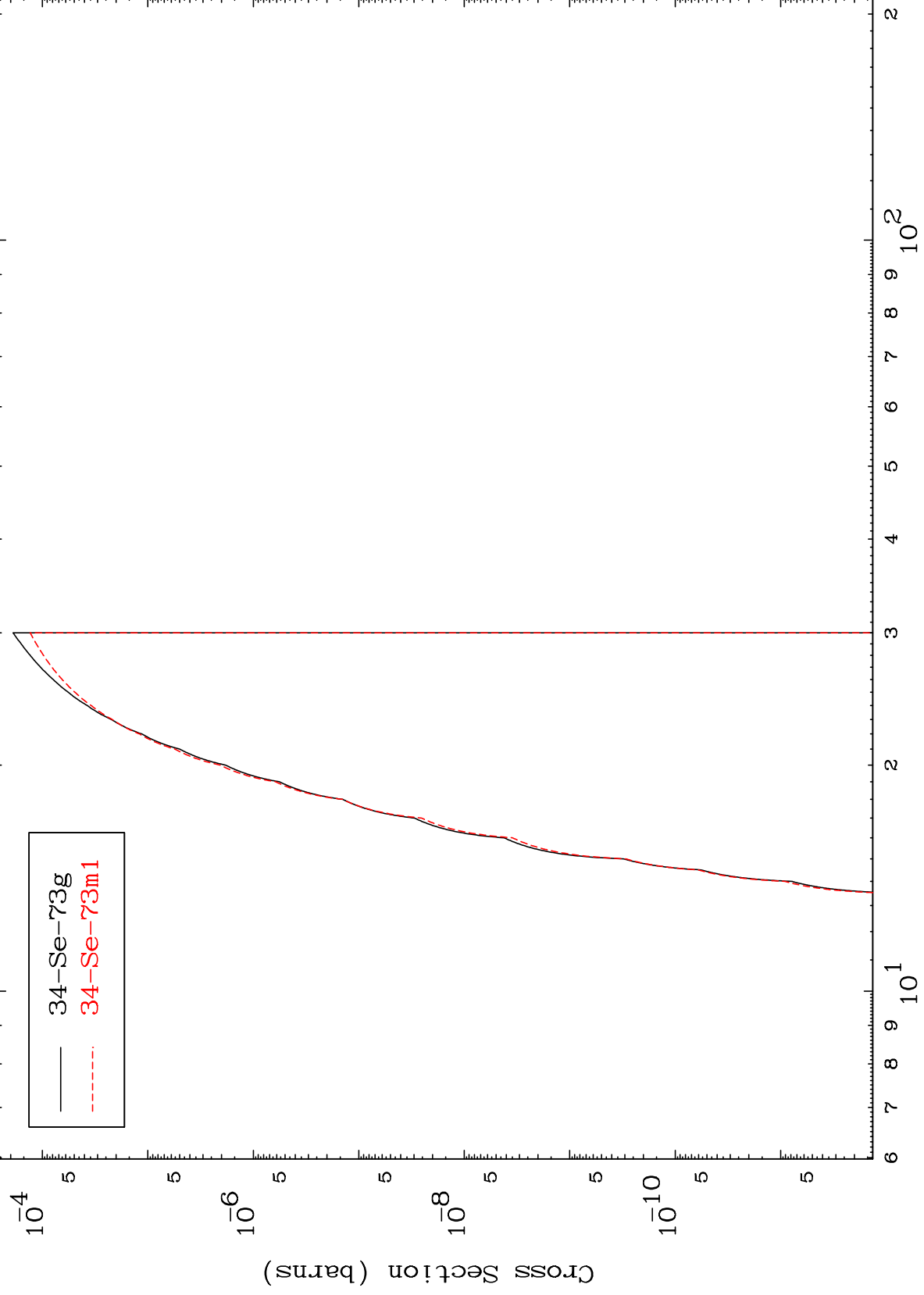
37-Rb-78

MAT 3704

(n,d) α

37-Rb-78

Radionuclide Production Cross Section



70

Incident Energy (MeV)

37-Rb-78