

Program EVALPLOT
(Version 2015-2)

by

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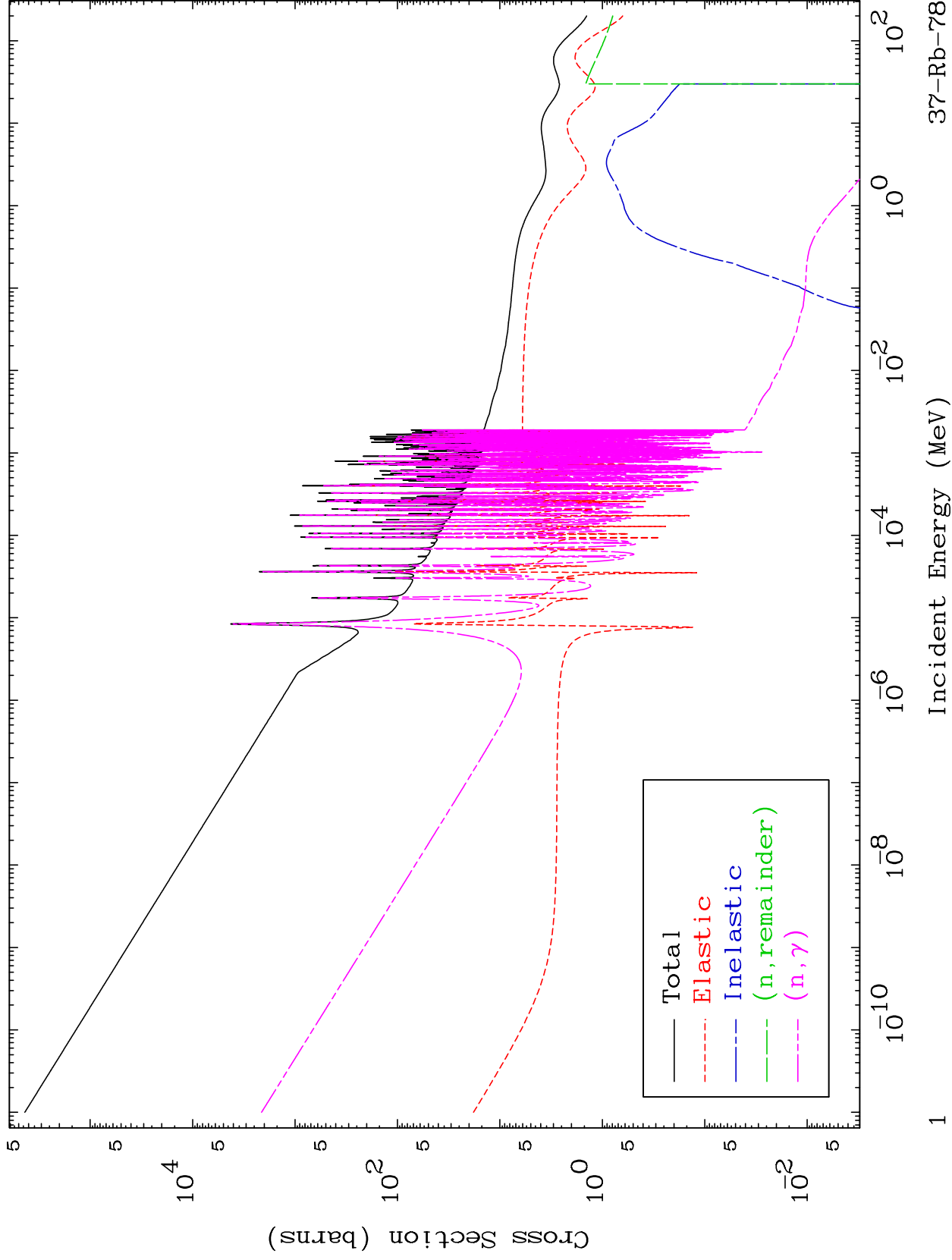
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3704

Major
293 Kelvin Cross Sections

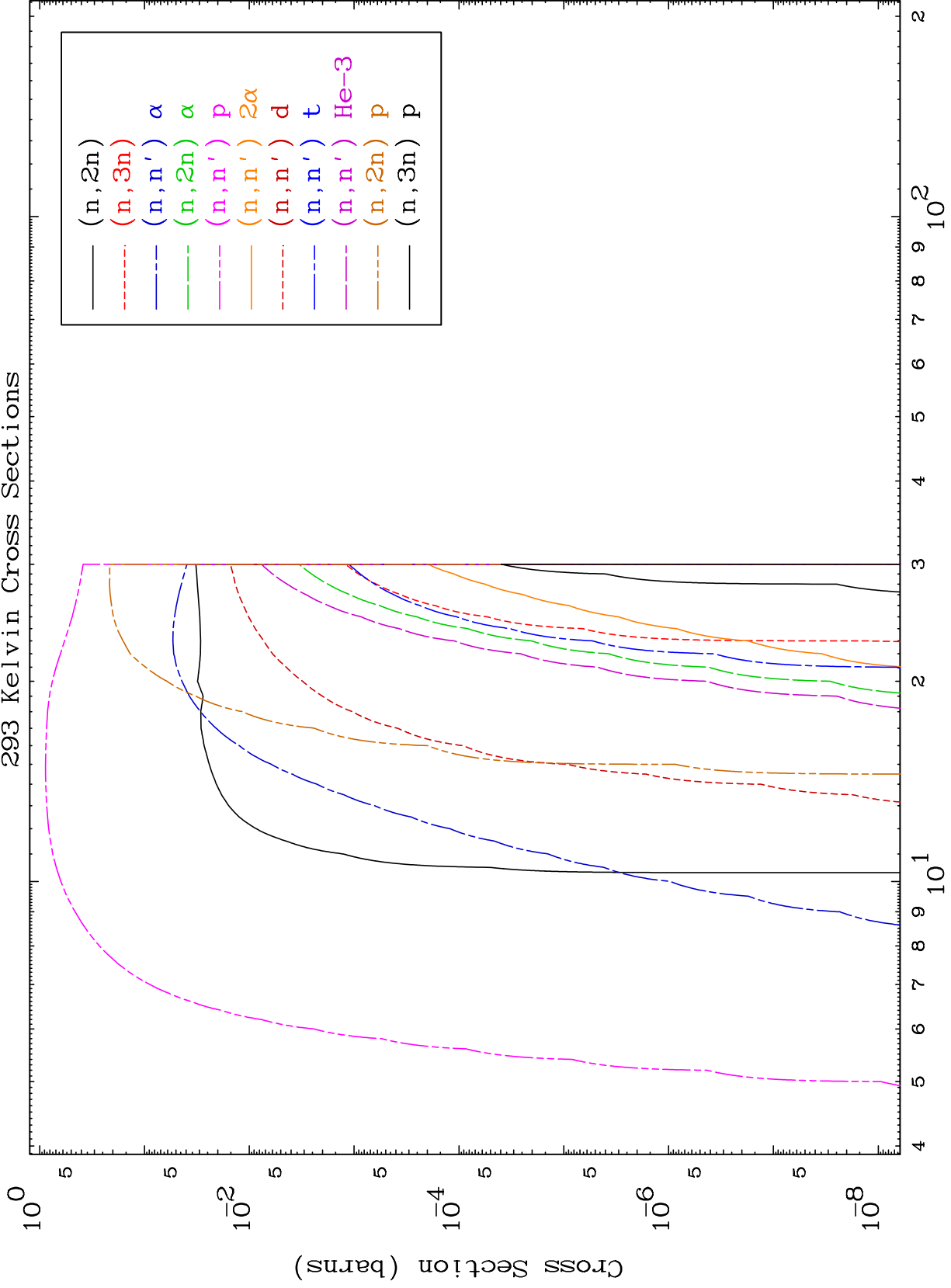
37-Rb-78



MAT 3704

Neutron Production
293 Kelvin Cross Sections

37-Rb-78



2

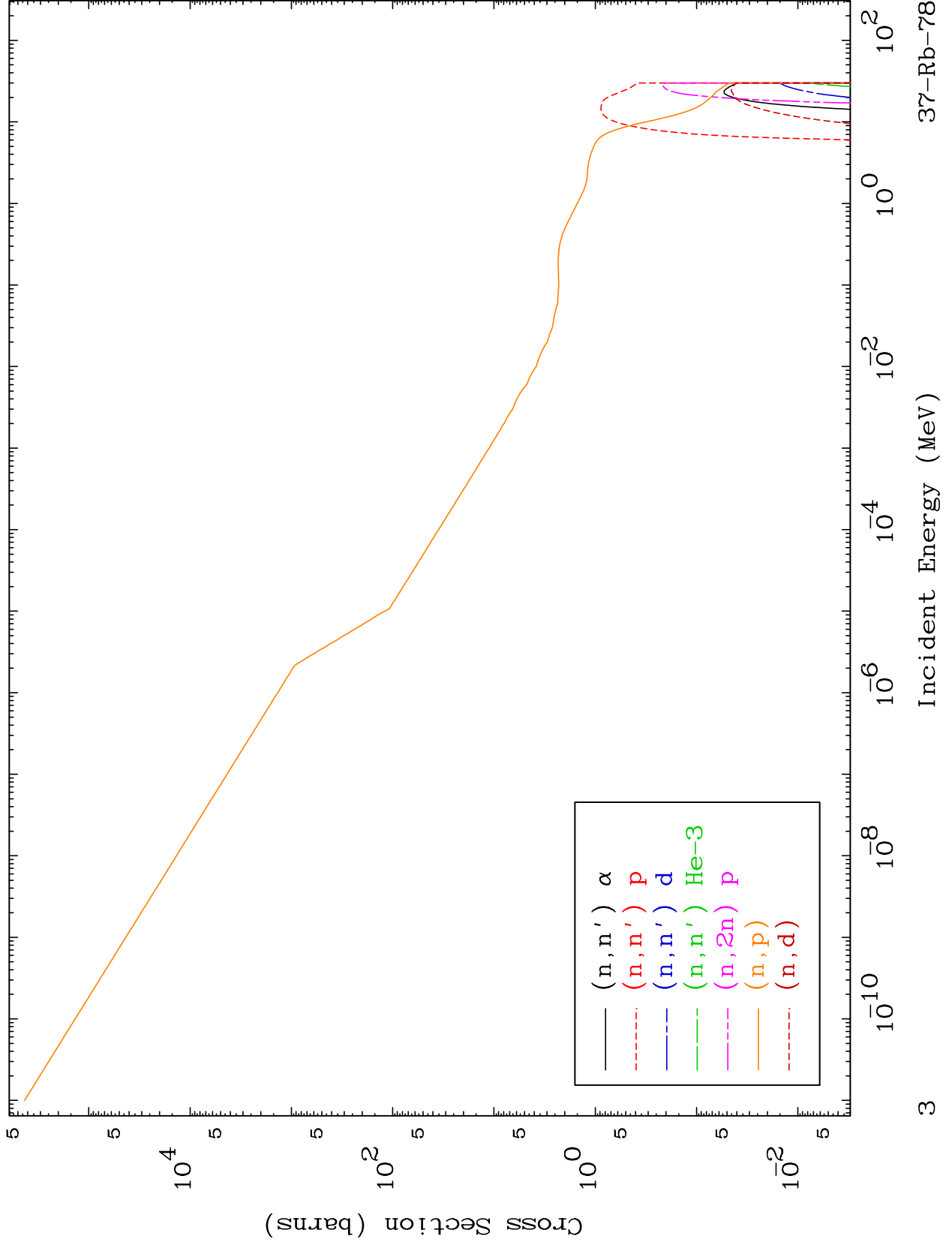
Incident Energy (MeV)

37-Rb-78

MAT 3704

Charged Particle
293 Kelvin Cross Sections

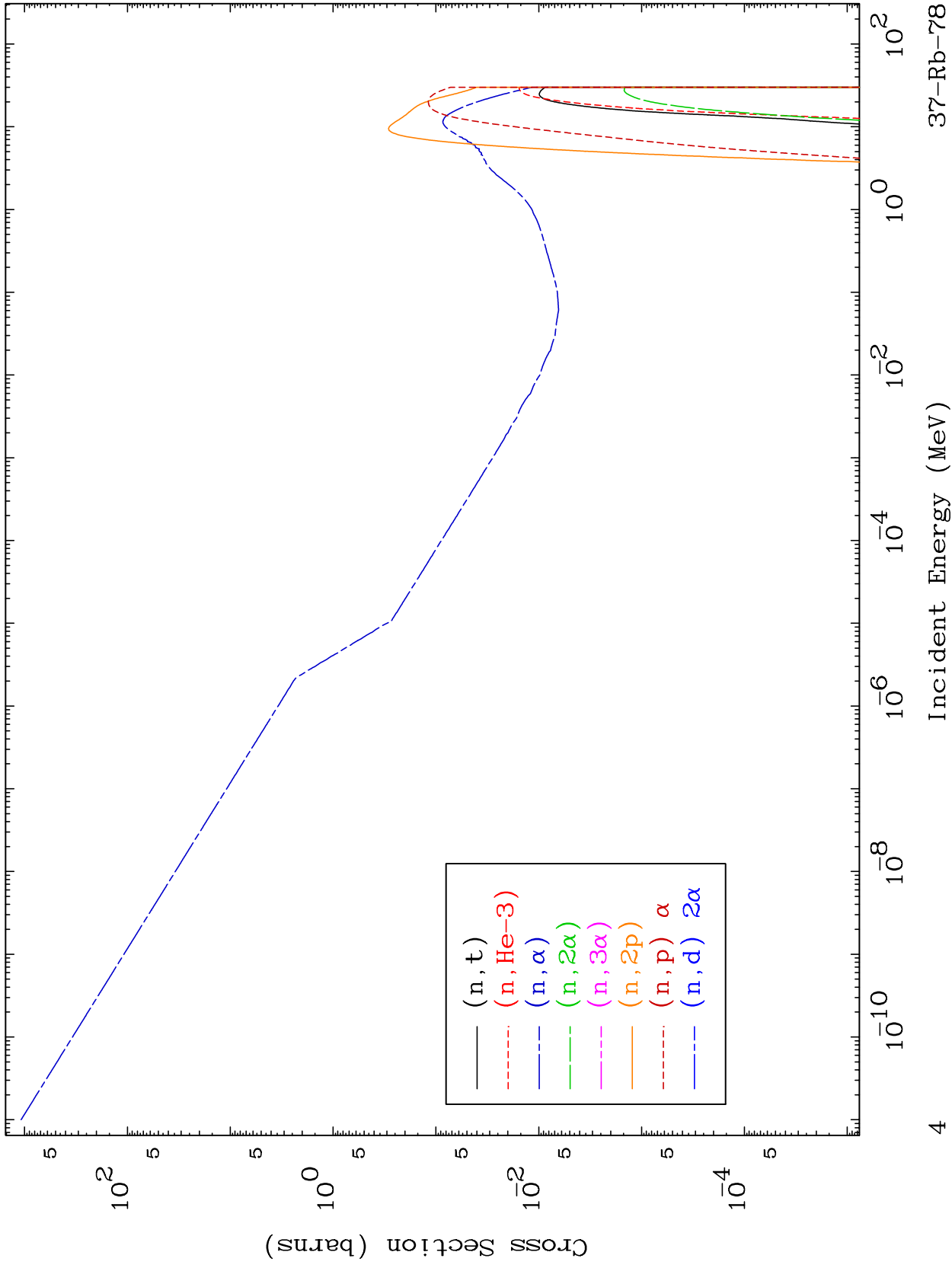
37-Rb-78



MAT 3704

Charged Particle
293 Kelvin Cross Sections

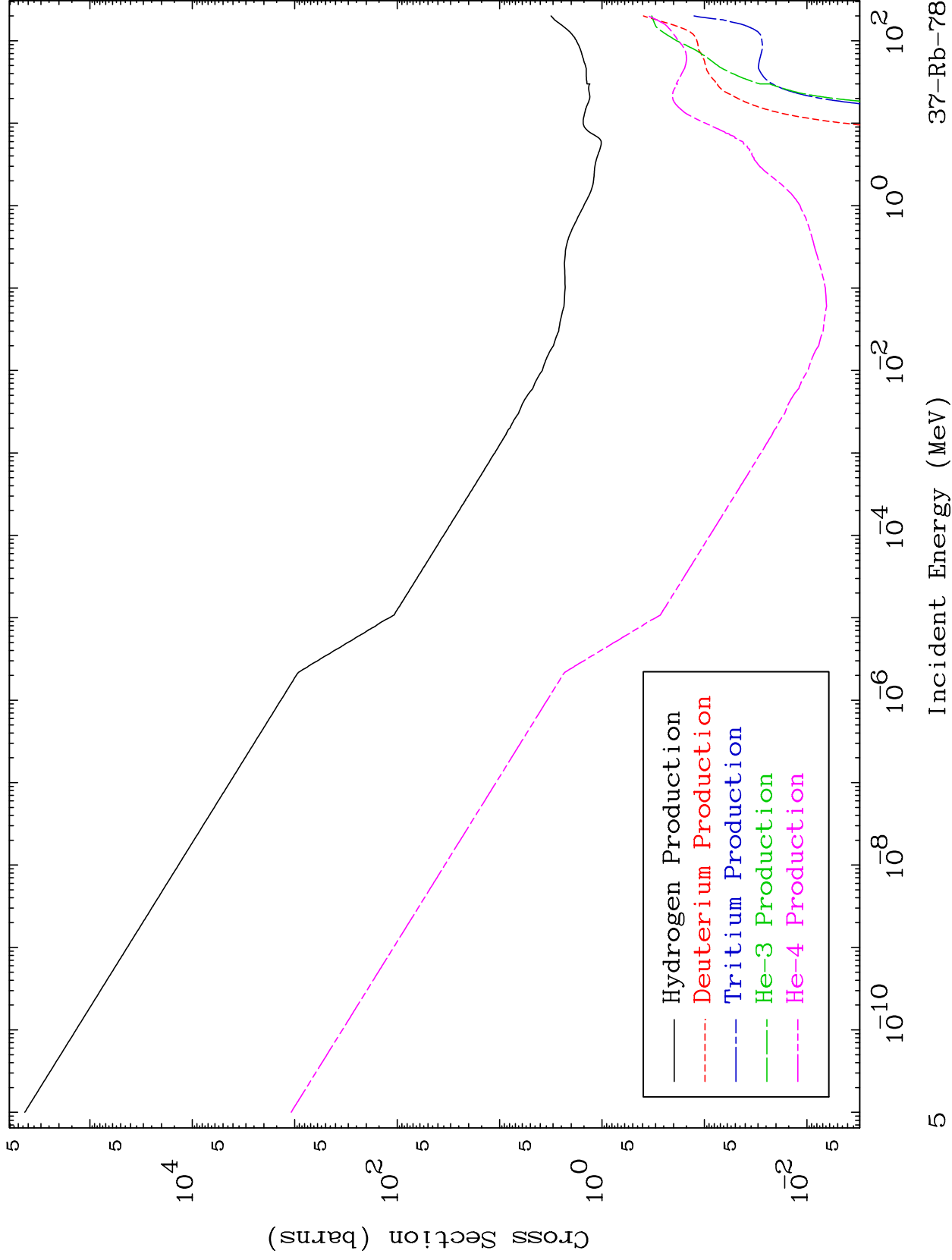
37-Rb-78



MAT 3704

Particle Production
293 Kelvin Cross Sections

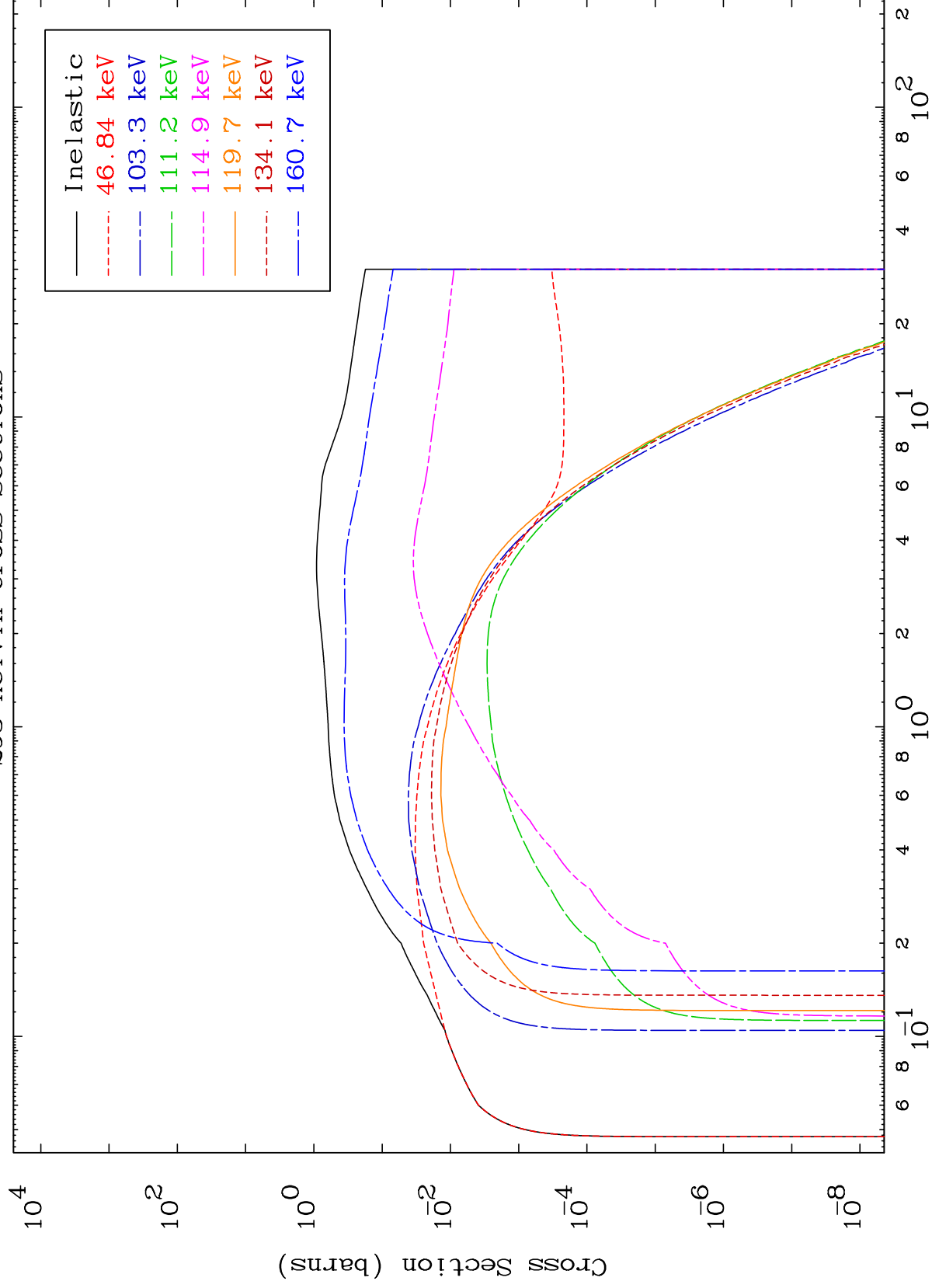
37-Rb-78



MAT 3704

(n,n') Level
293 Kelvin Cross Sections

37-Rb-78



6

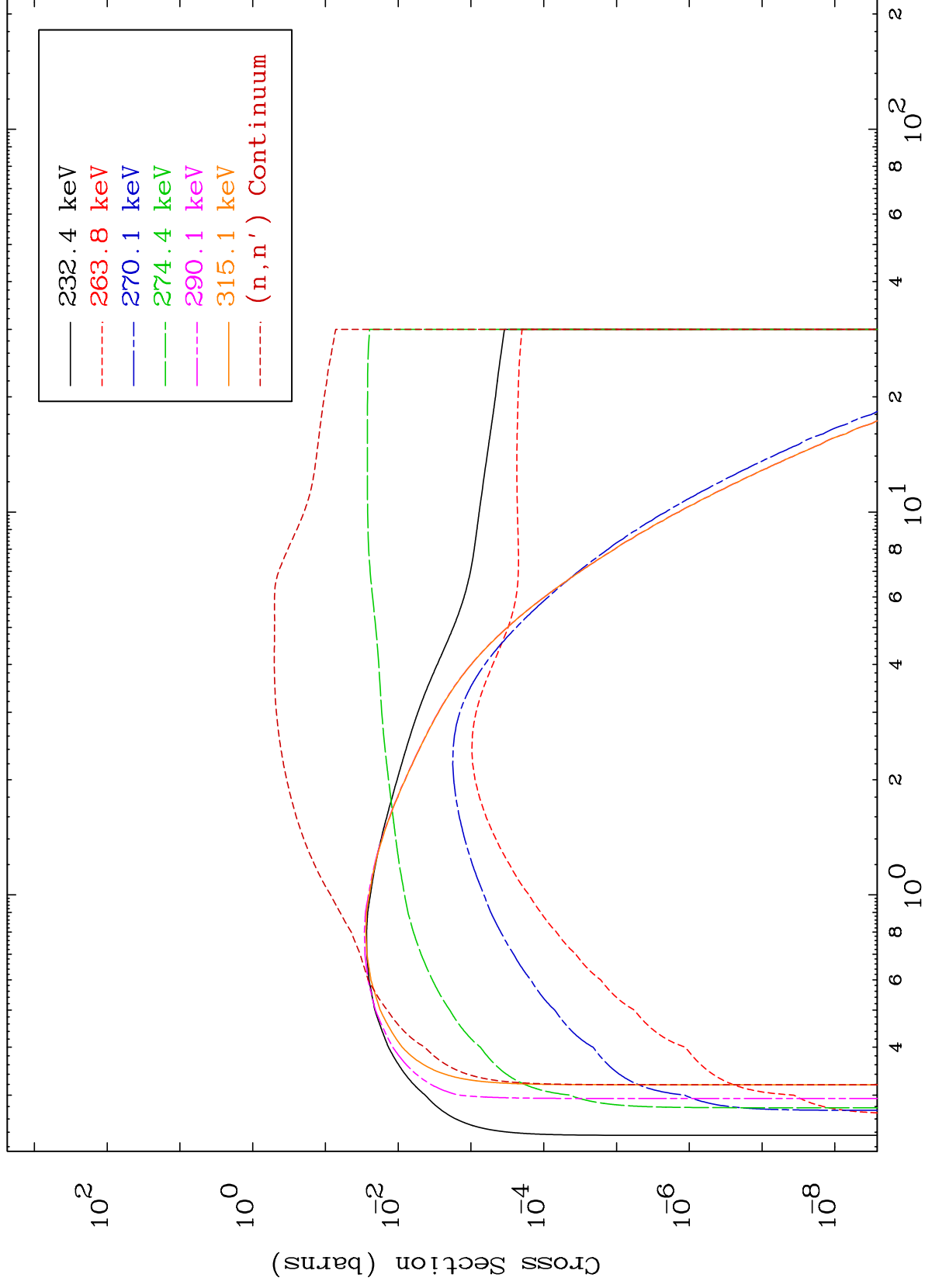
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,n') Level
293 Kelvin Cross Sections

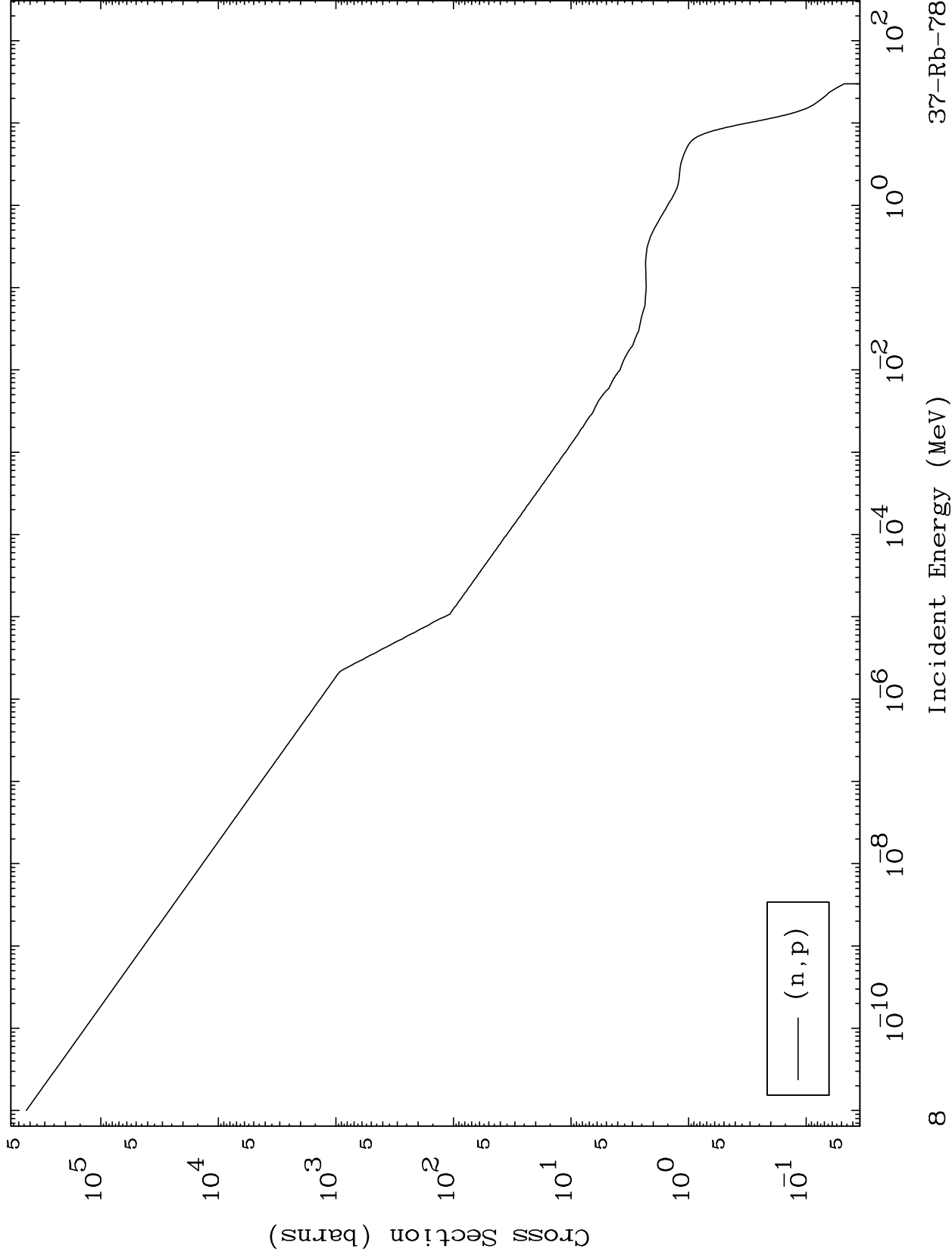
37-Rb-78



MAT 3704

(n,p) Levels
293 Kelvin Cross Sections

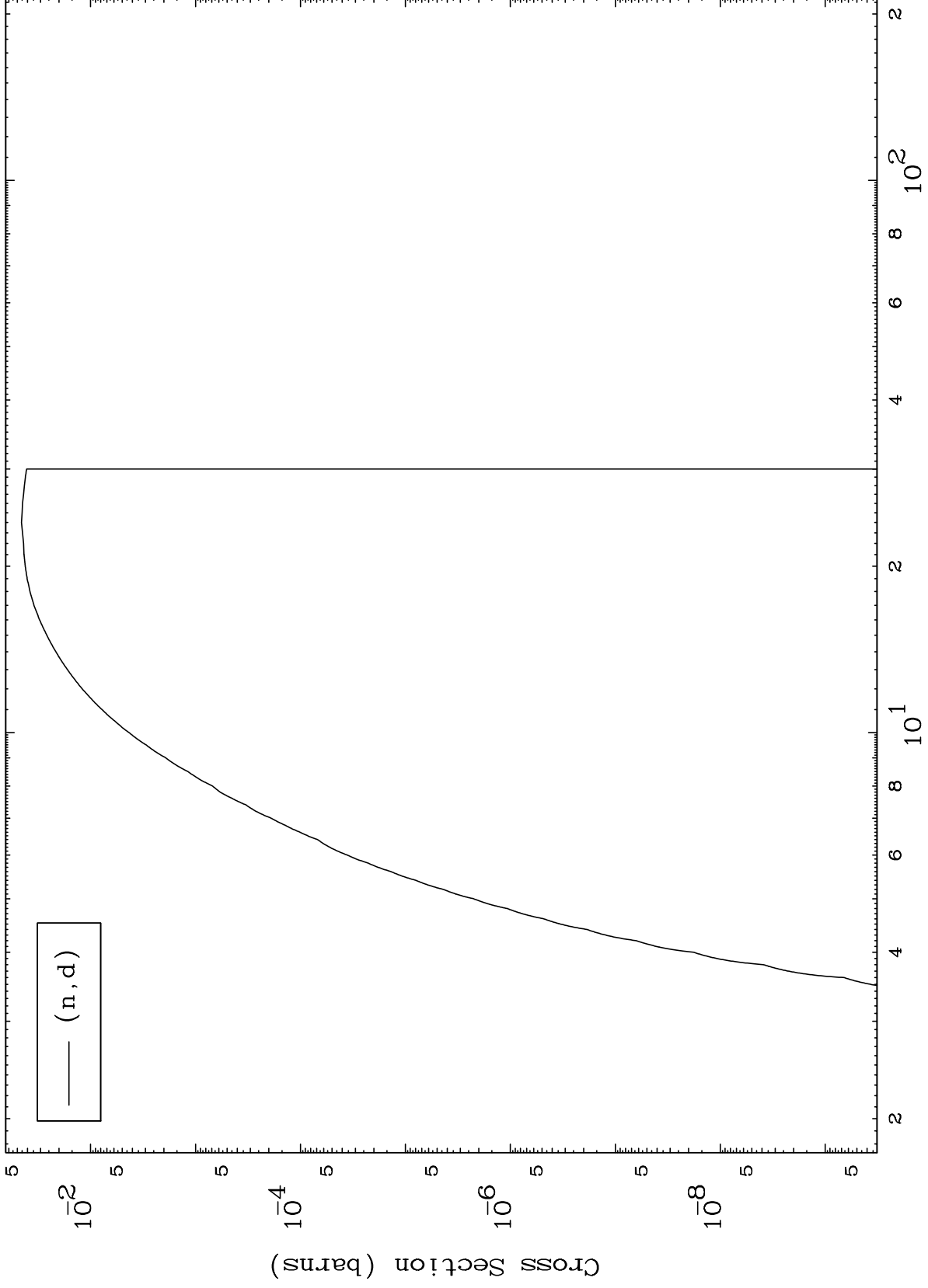
37-Rb-78



MAT 3704

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78



9

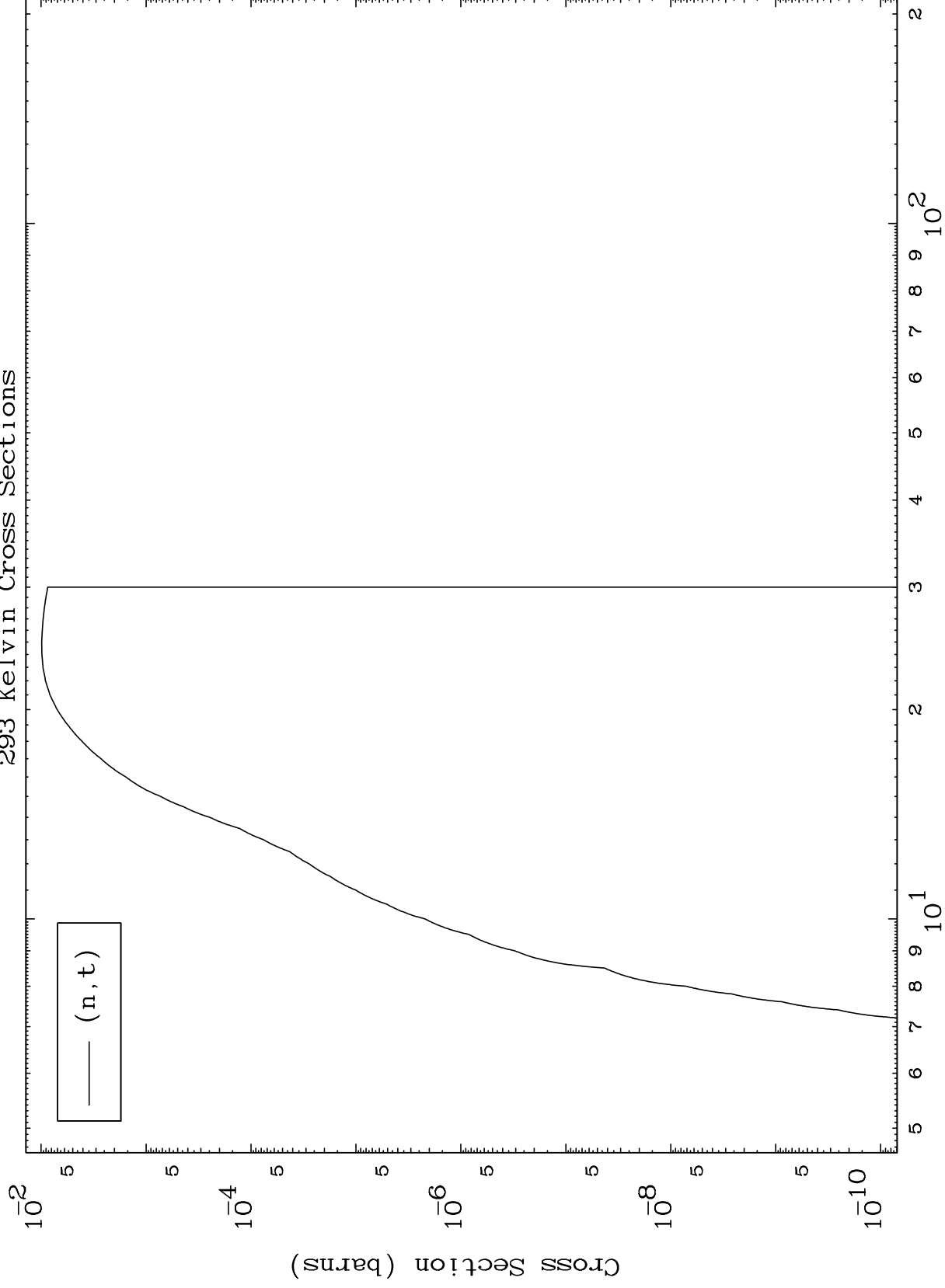
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78



10

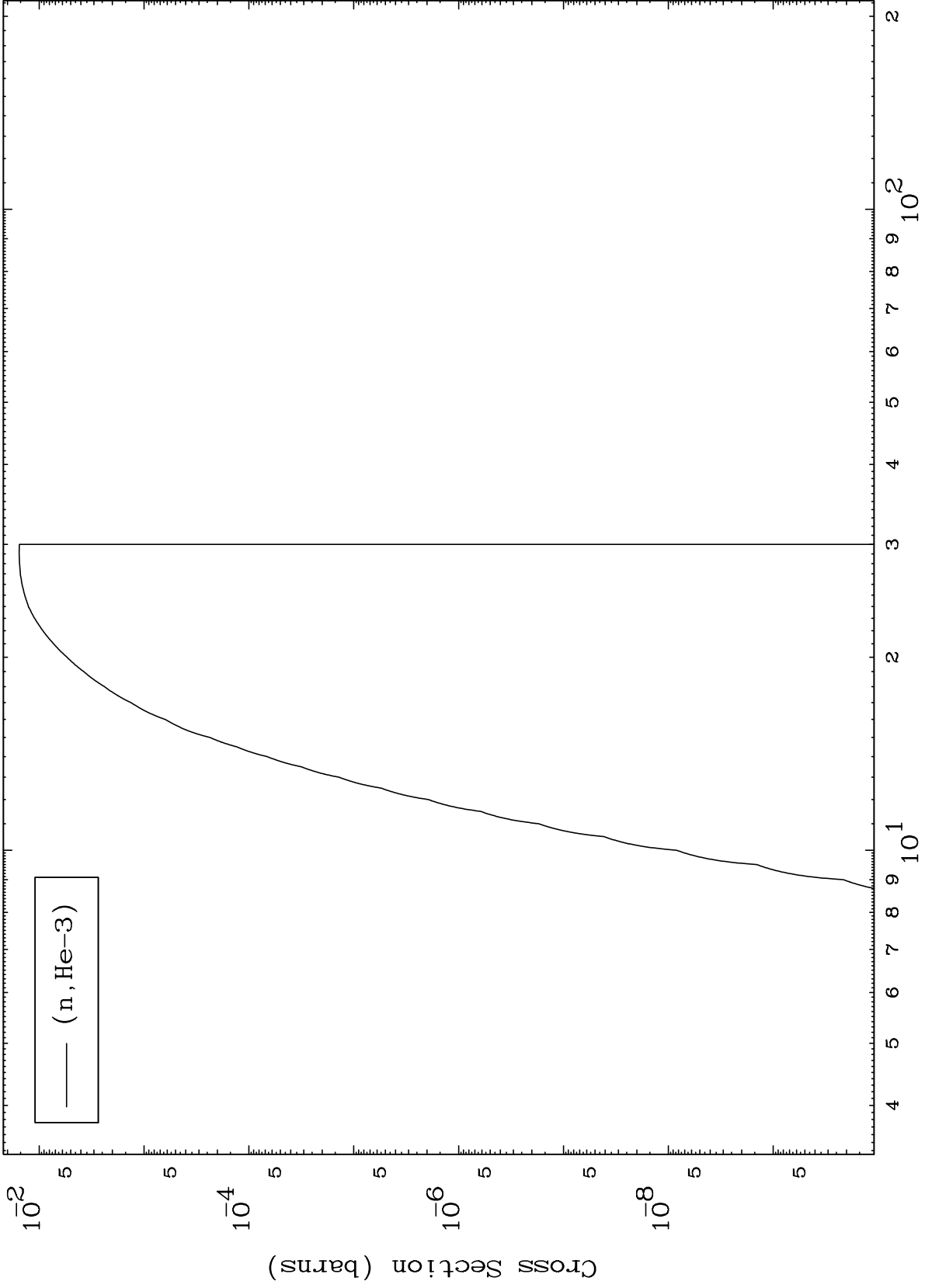
Incident Energy (MeV)

37-Rb-78

MAT 3704

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-78



11

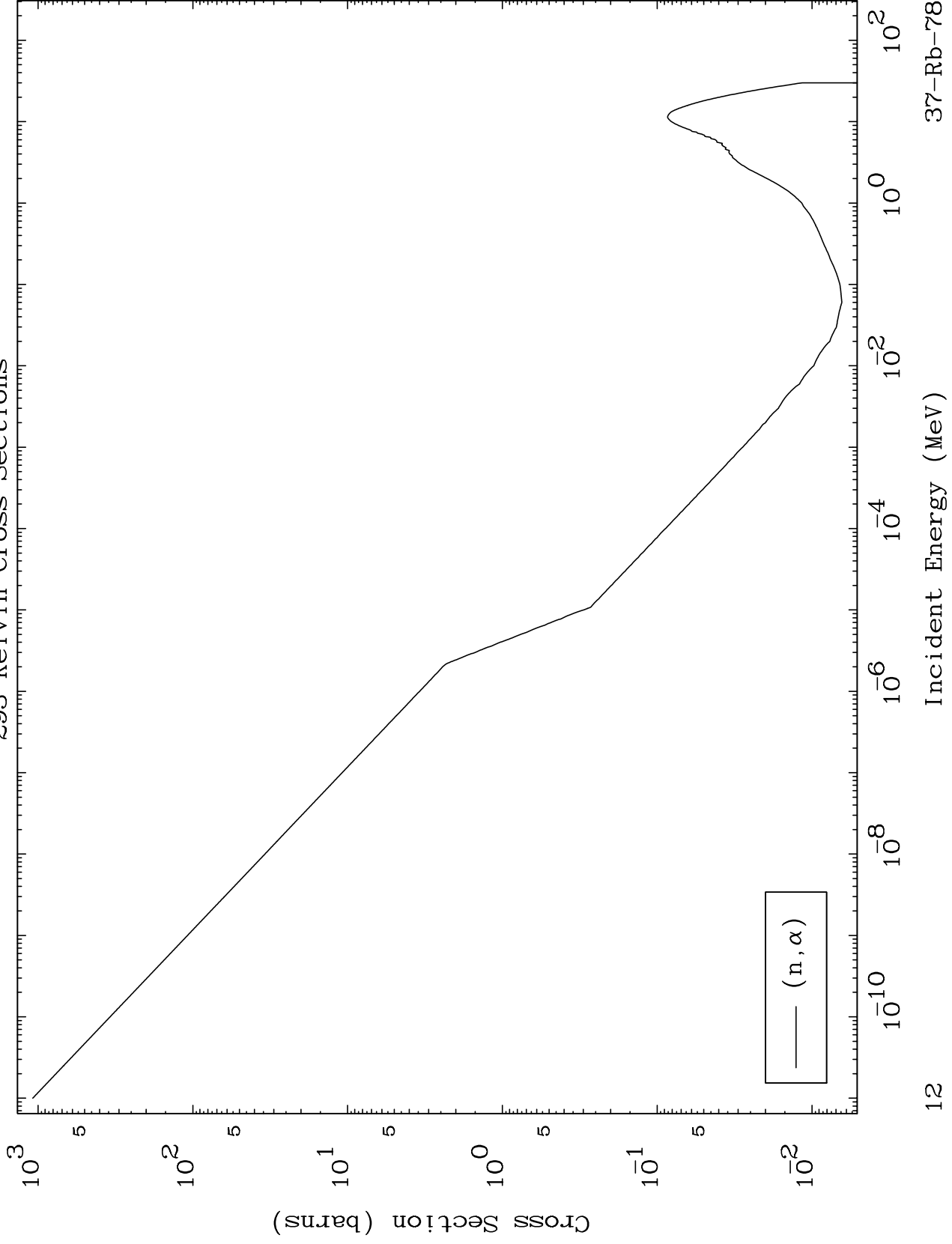
Incident Energy (MeV)

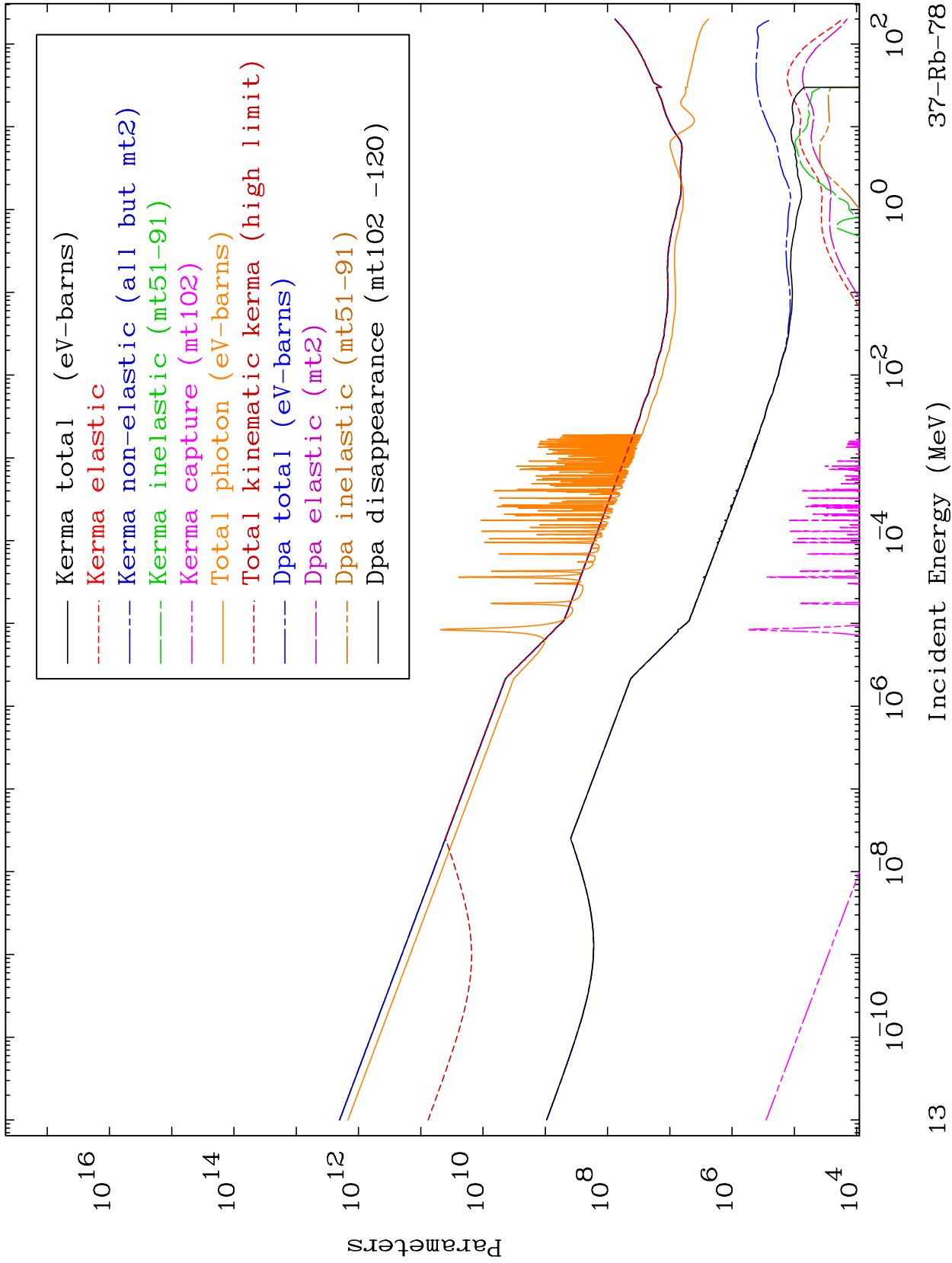
37-Rb-78

MAT 3704

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-78

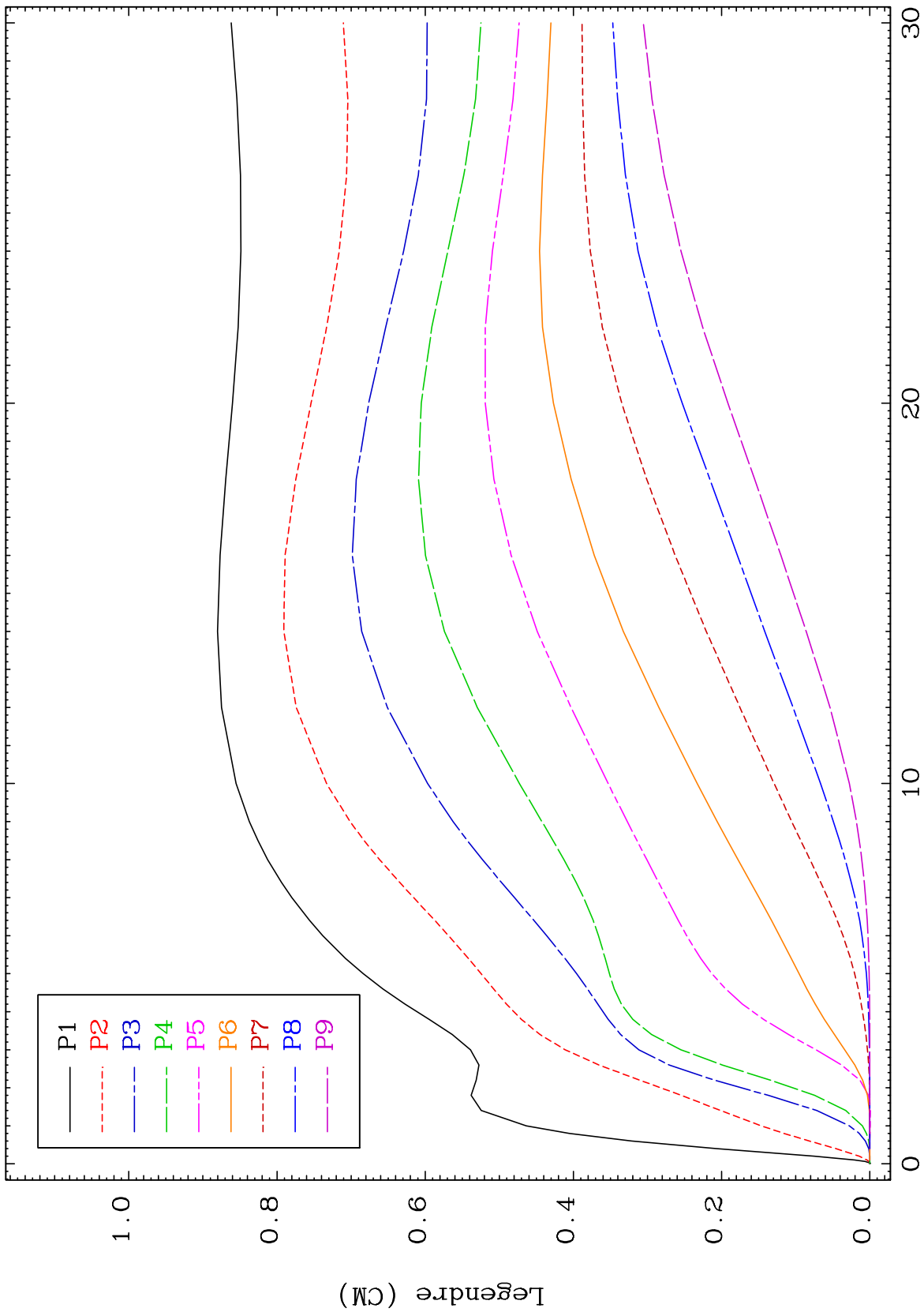




MAT 3704

Elastic Legendre Coefficients

37-Rb-78



14

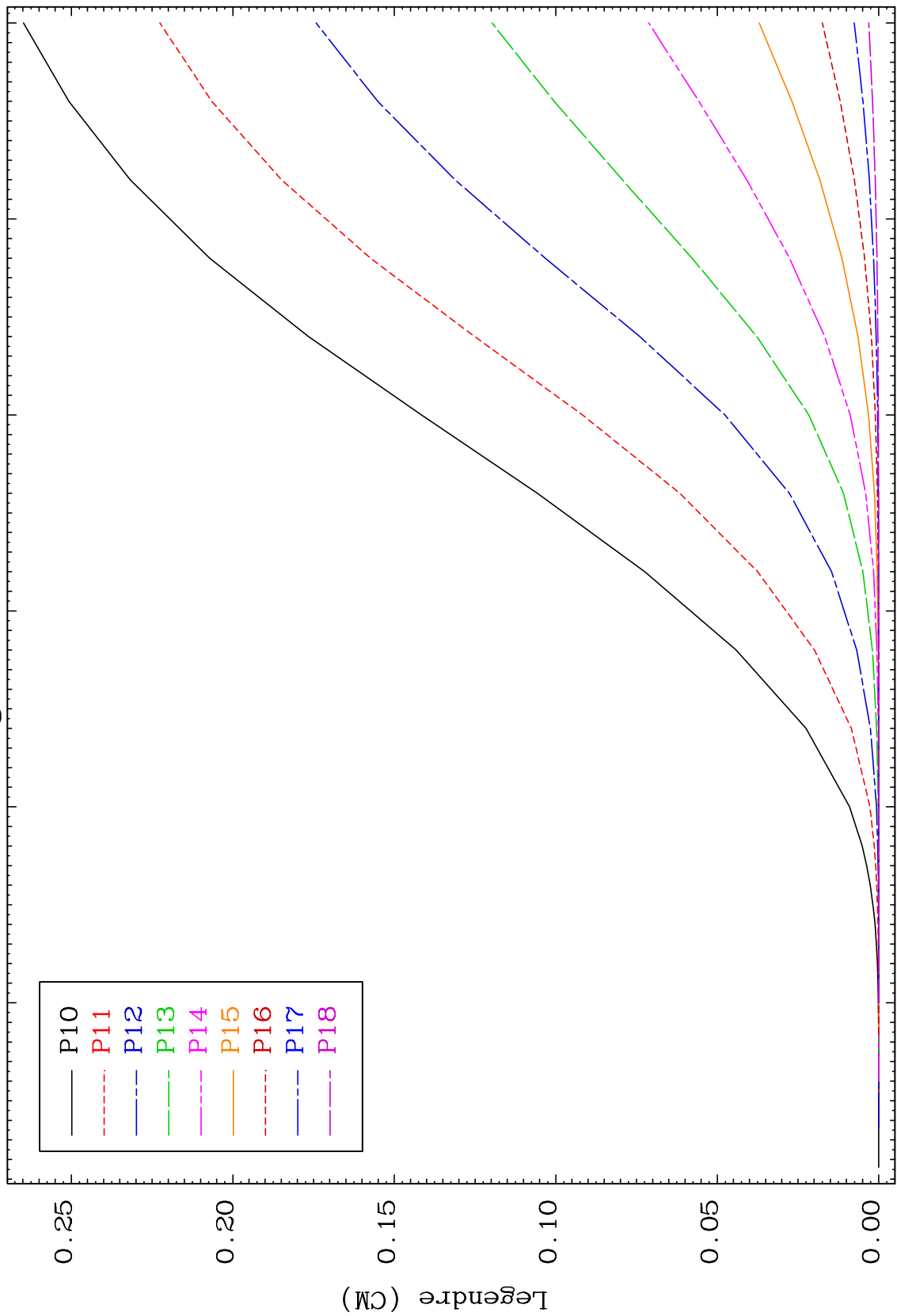
Incident Energy (MeV)

37-Rb-78

MAT 3704

Elastic Legendre Coefficients

³⁷Rb-78



15

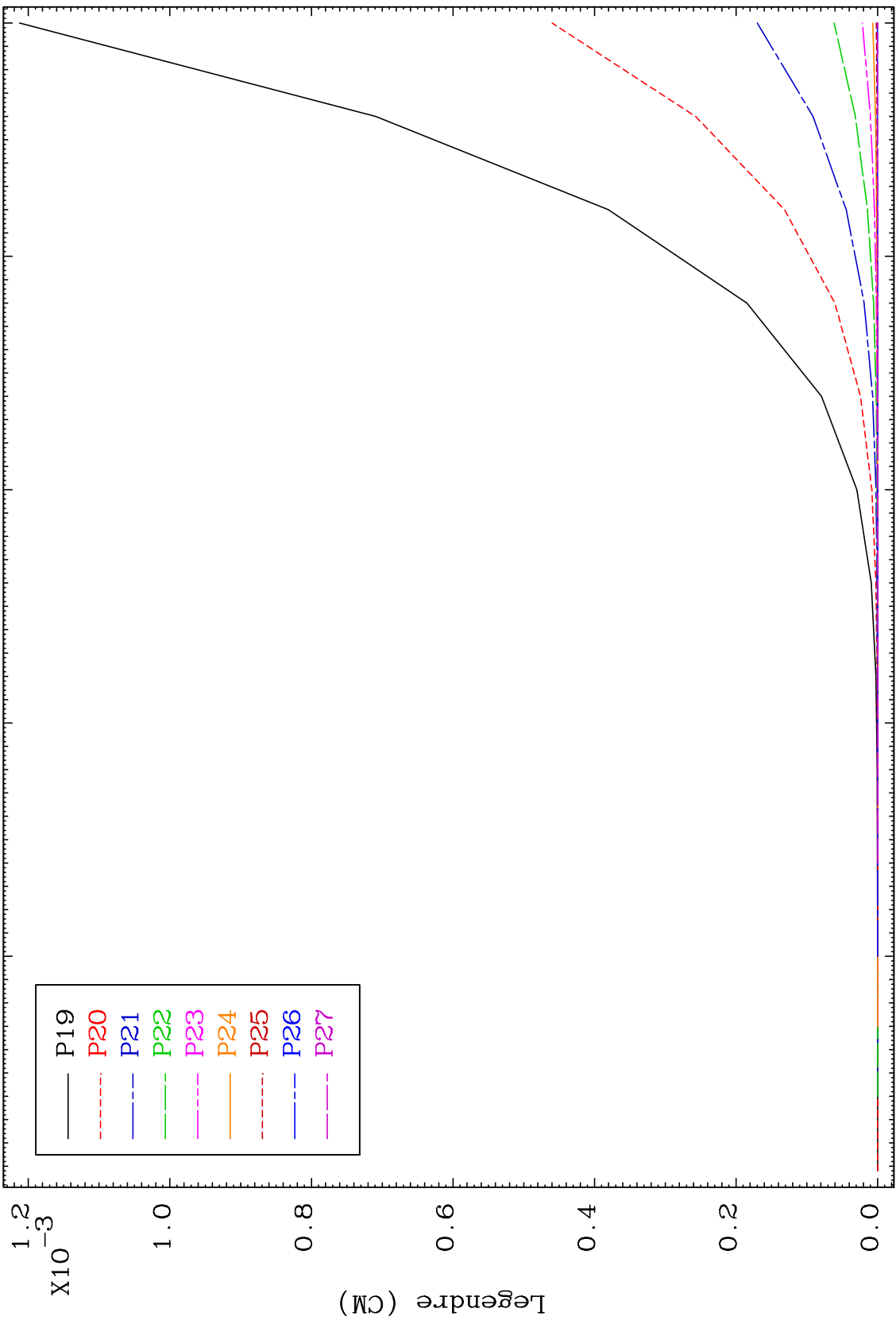
Incident Energy (MeV)

³⁷Rb-78

MAT 3704

Elastic
Legendre Coefficients

37-Rb-78



16

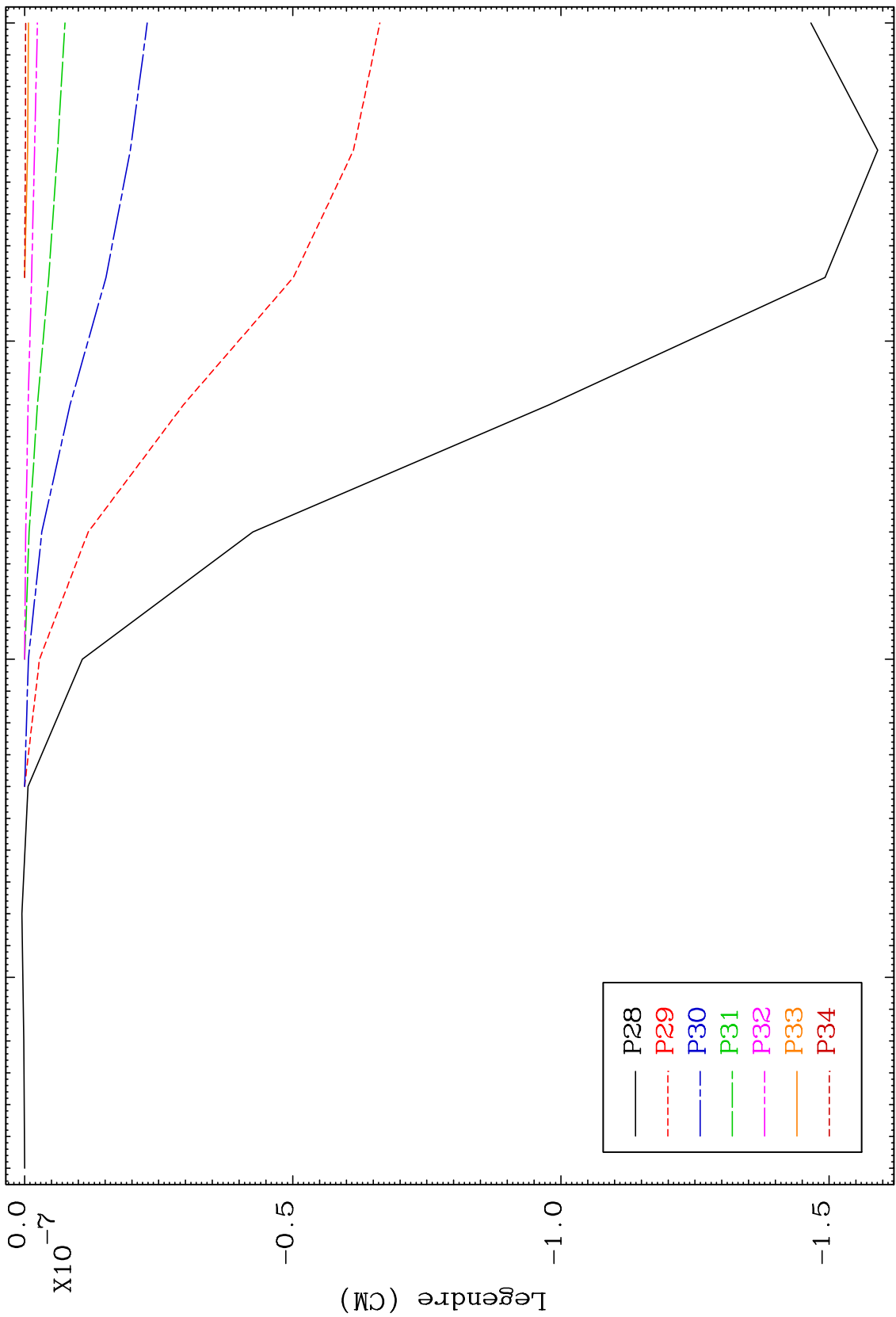
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

Elastic Legendre Coefficients



17

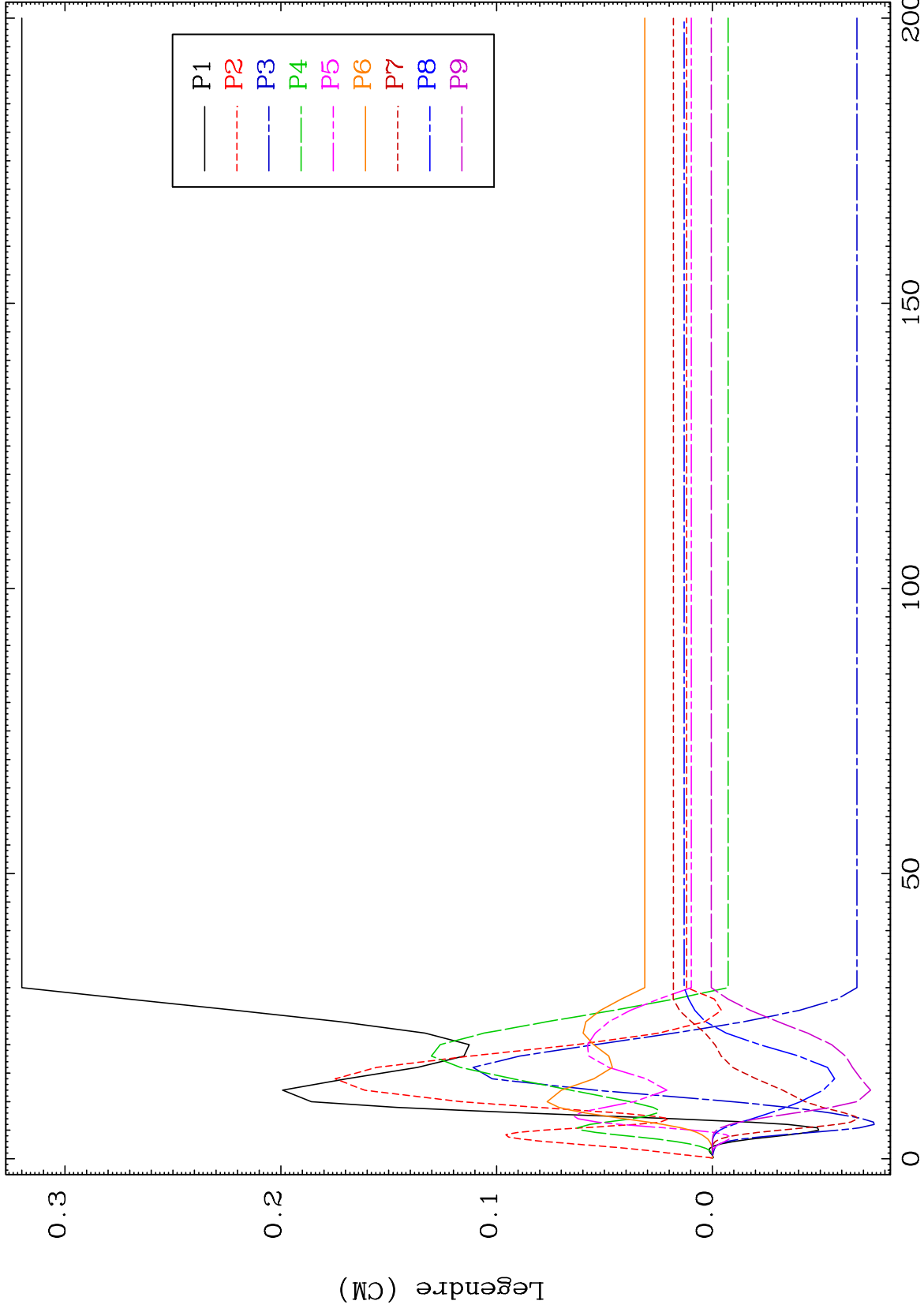
Incident Energy (MeV)

37-Rb-78

MAT 3704

46.84 keV (n,n') Level
Legendre Coefficients

37-Rb-78



18

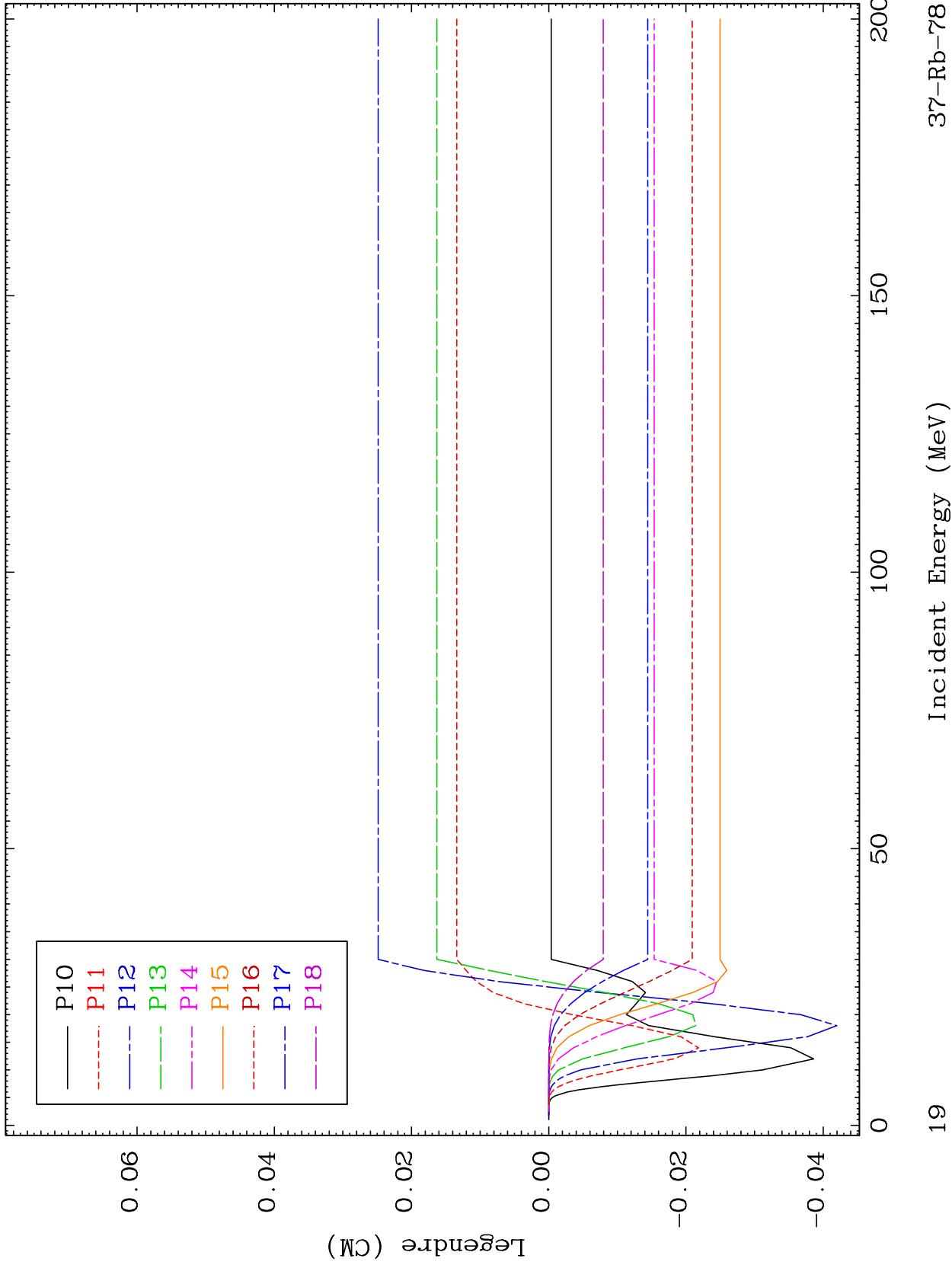
Incident Energy (MeV)

37-Rb-78

MAT 3704

46.84 keV (n,n') Level
Legendre Coefficients

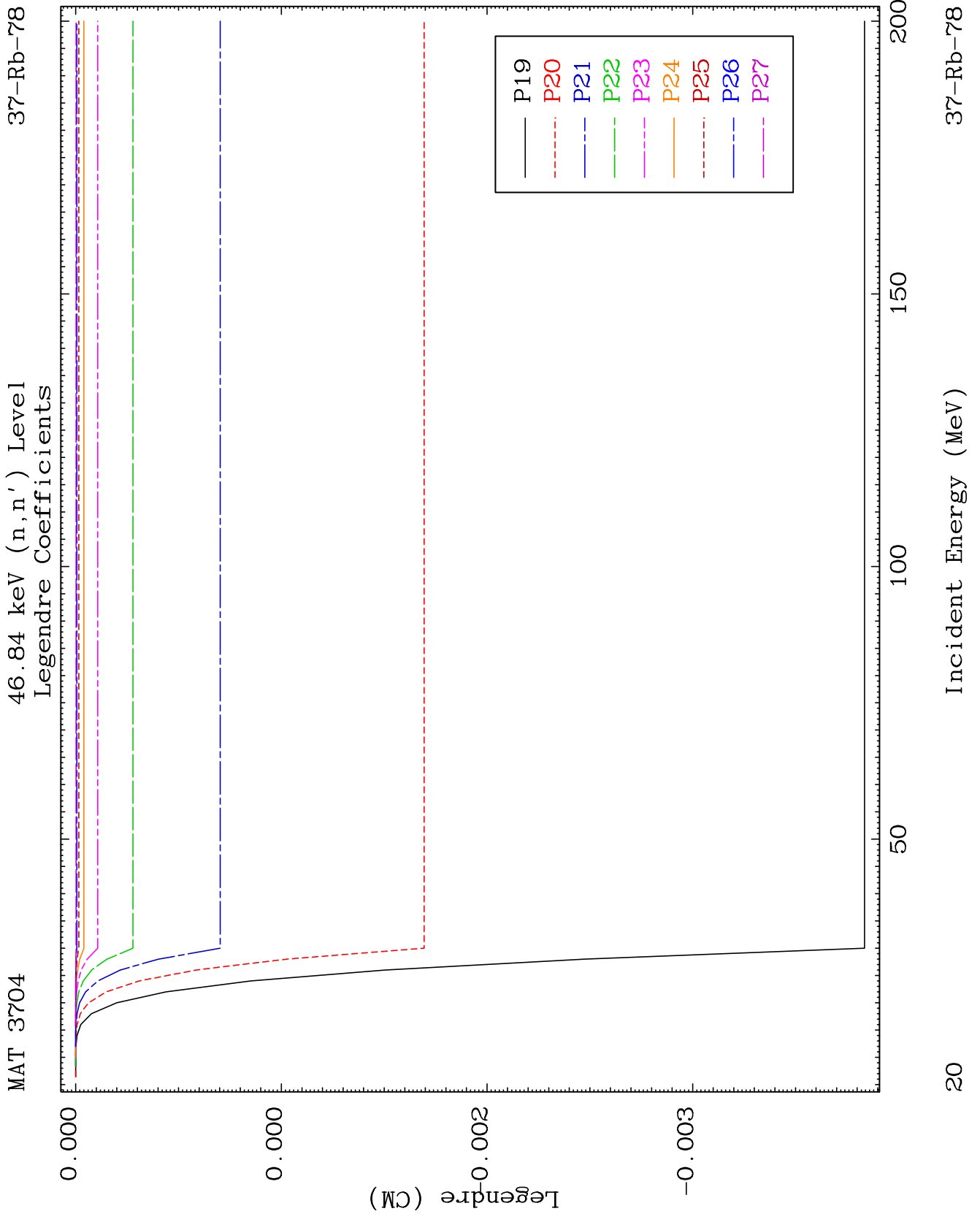
37-Rb-78

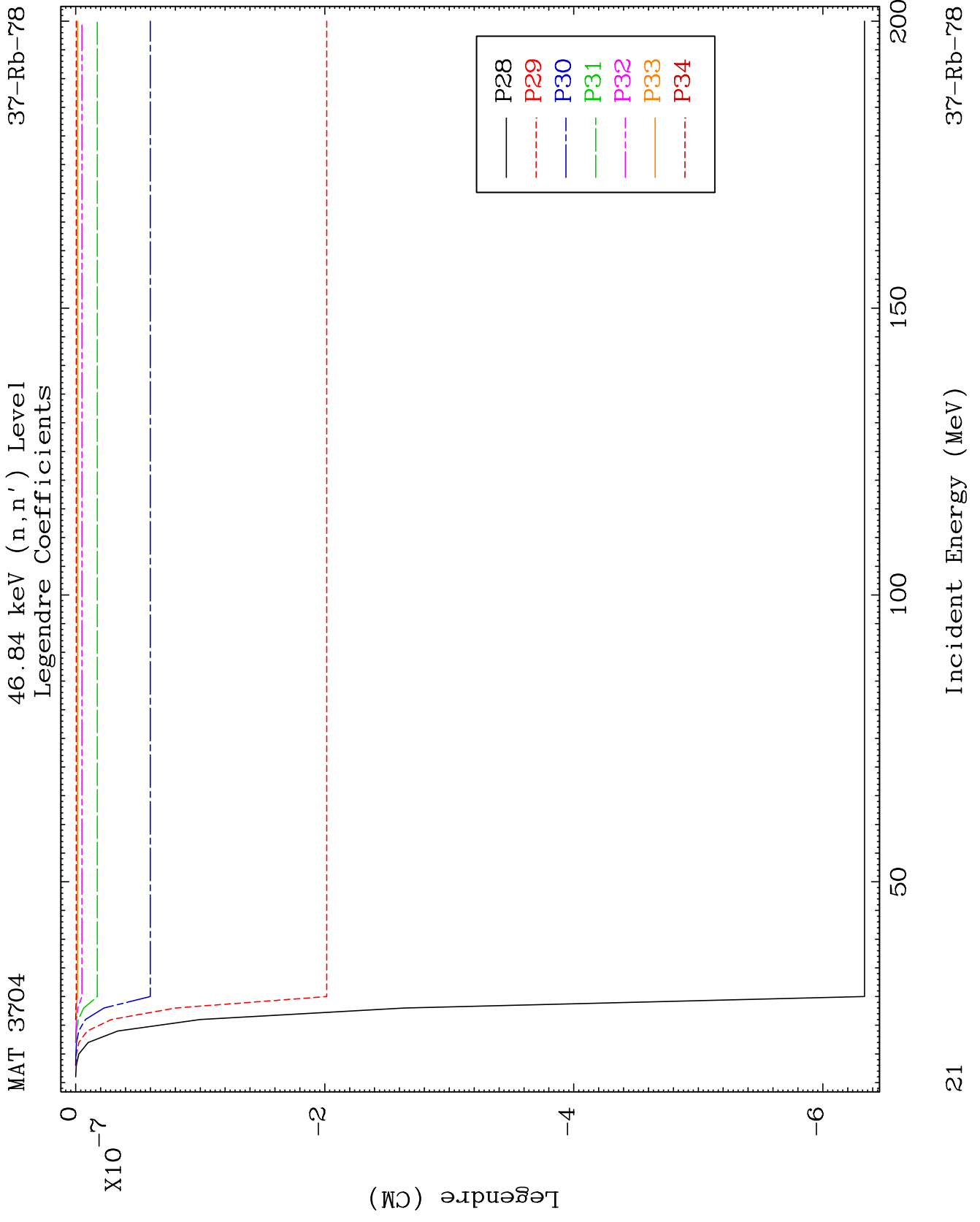


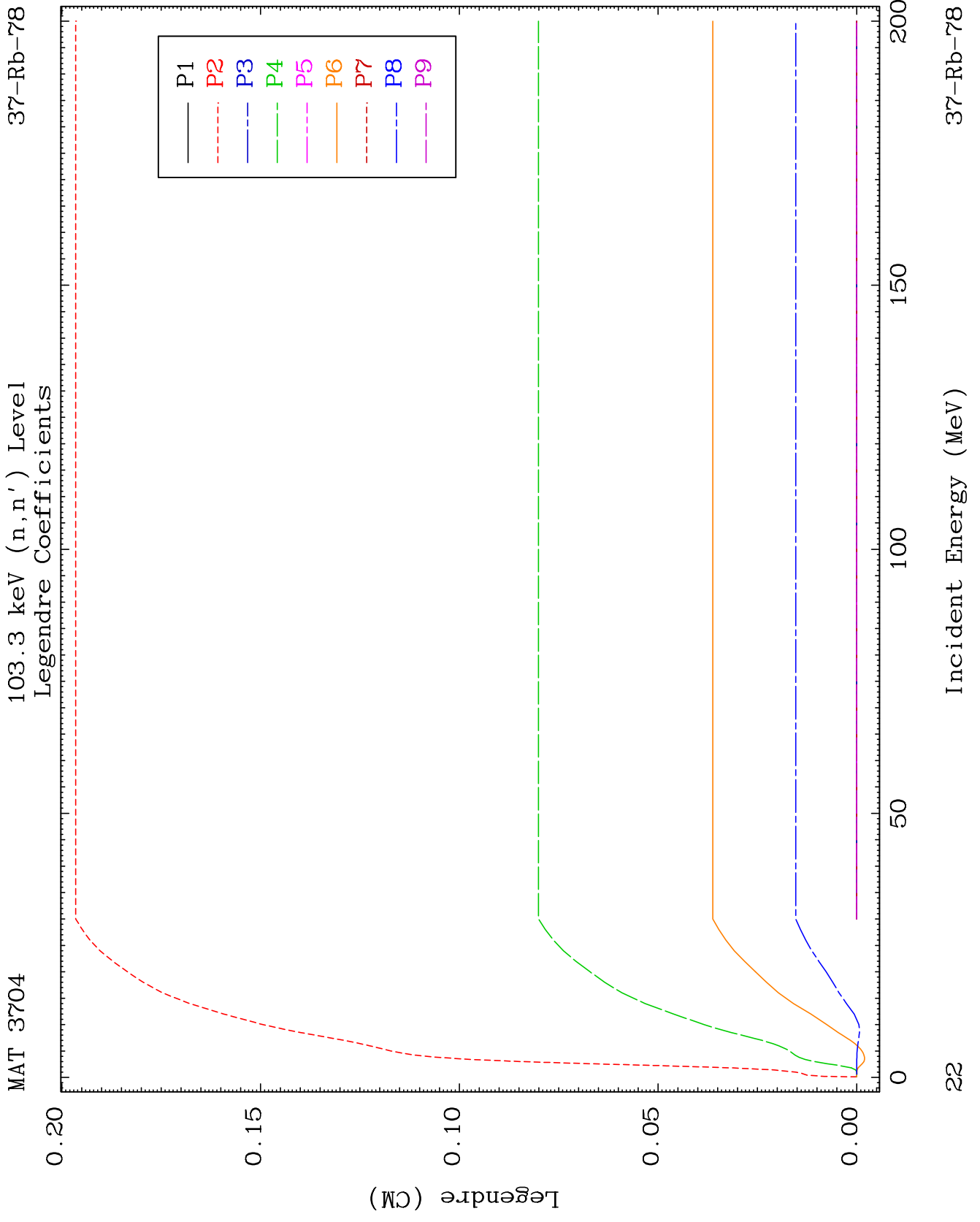
19

Incident Energy (MeV)

37-Rb-78



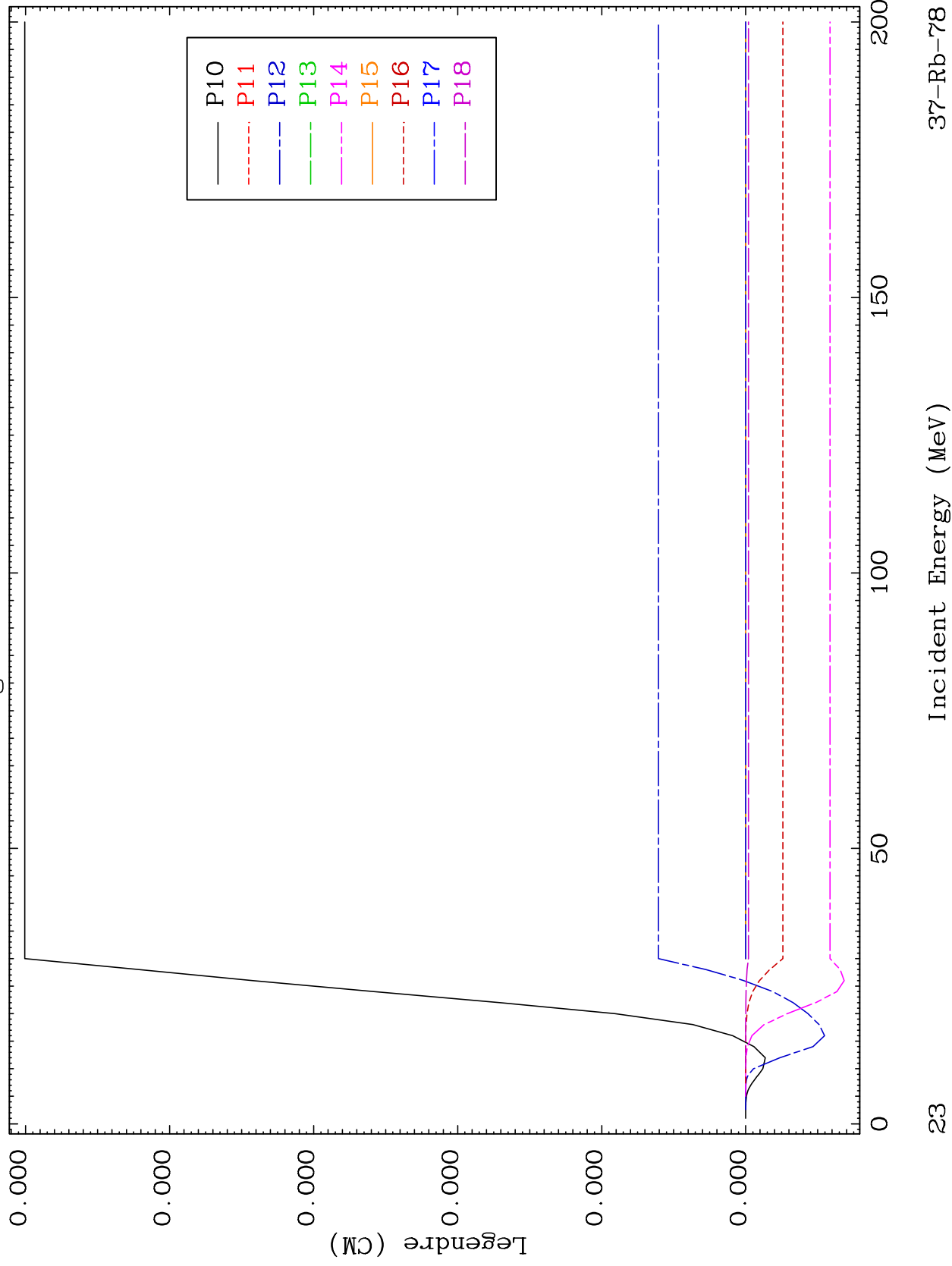




MAT 3704

103.3 keV (n,n') Level
Legendre Coefficients

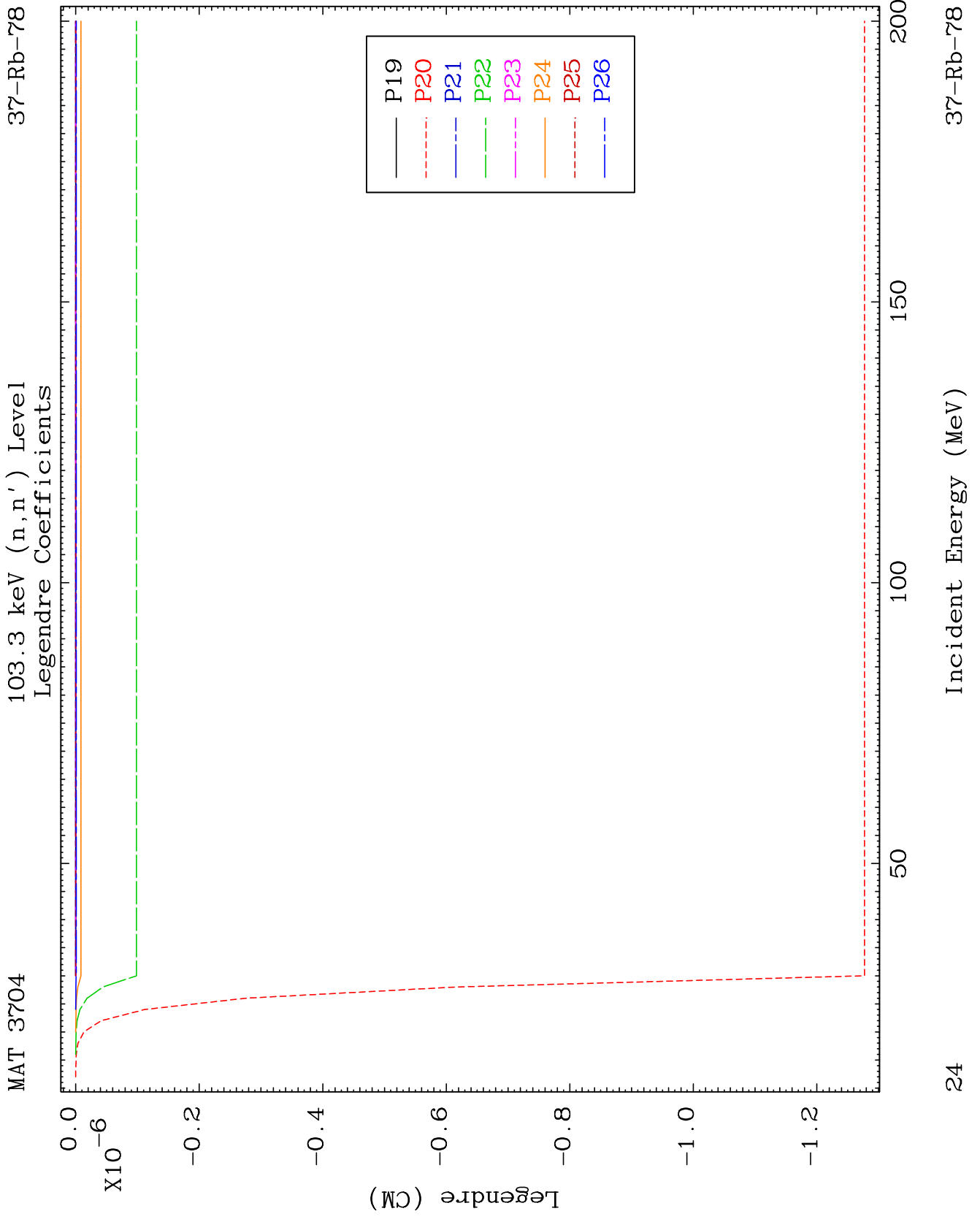
37-Rb-78

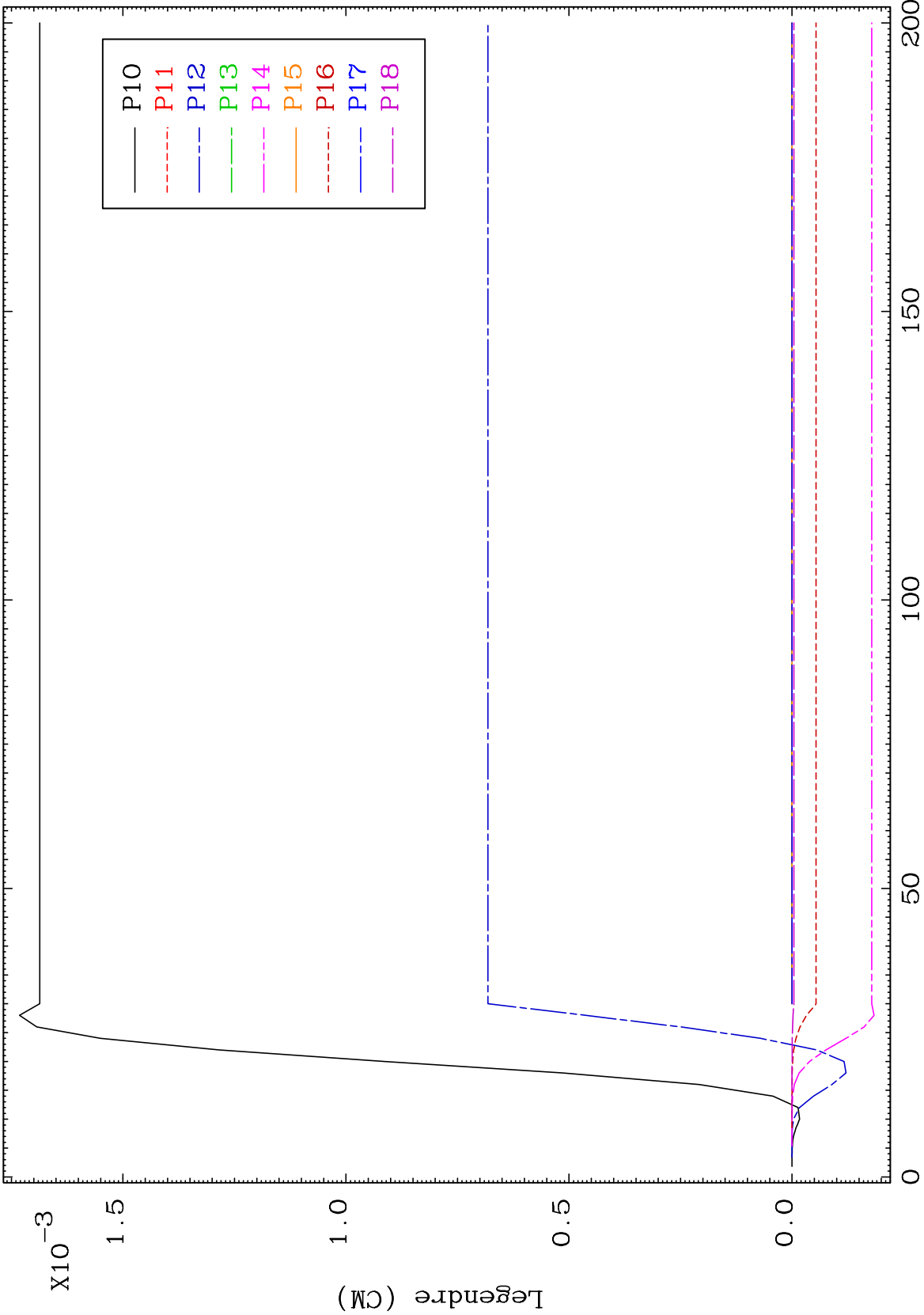


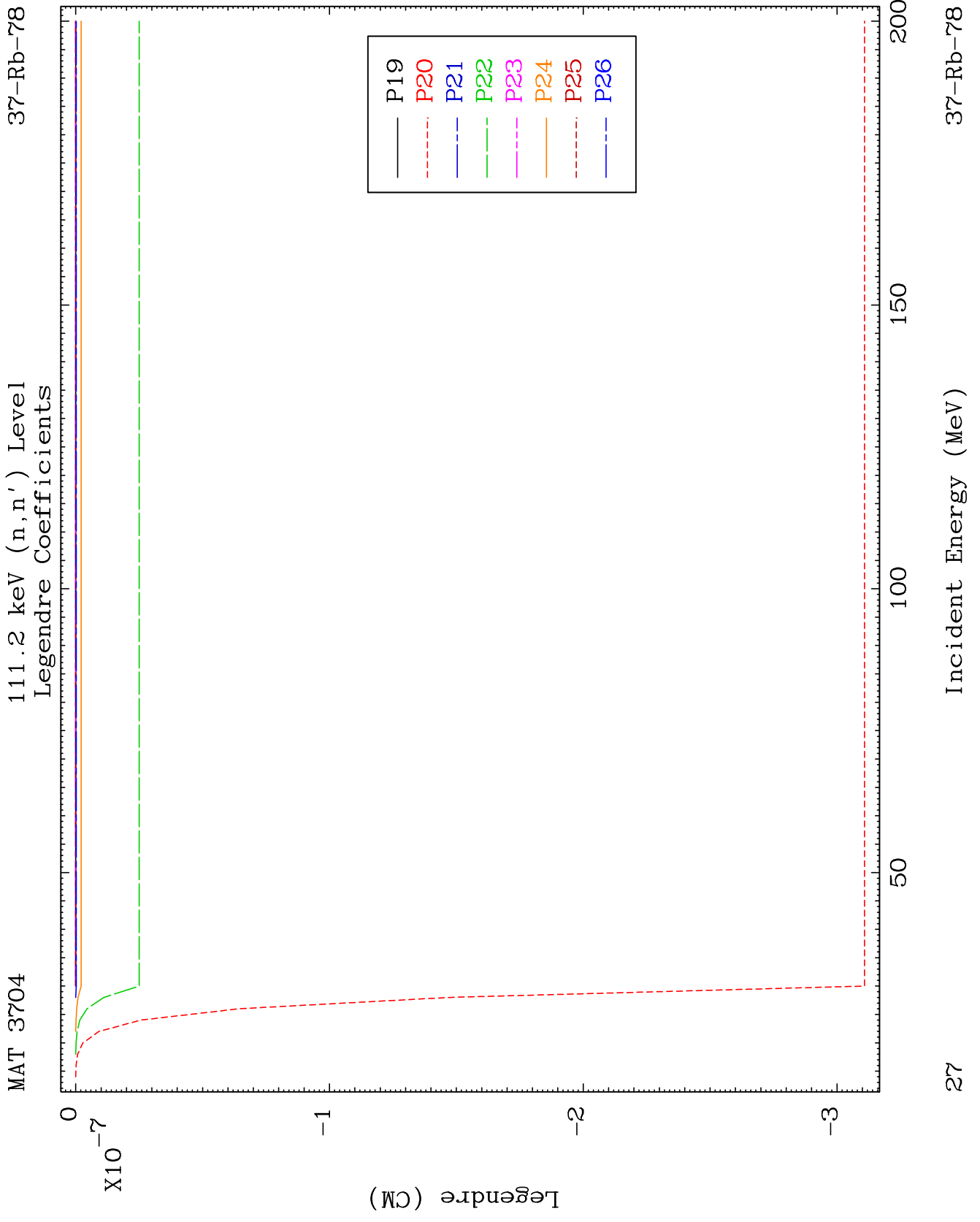
37-Rb-78

Incident Energy (MeV)

23



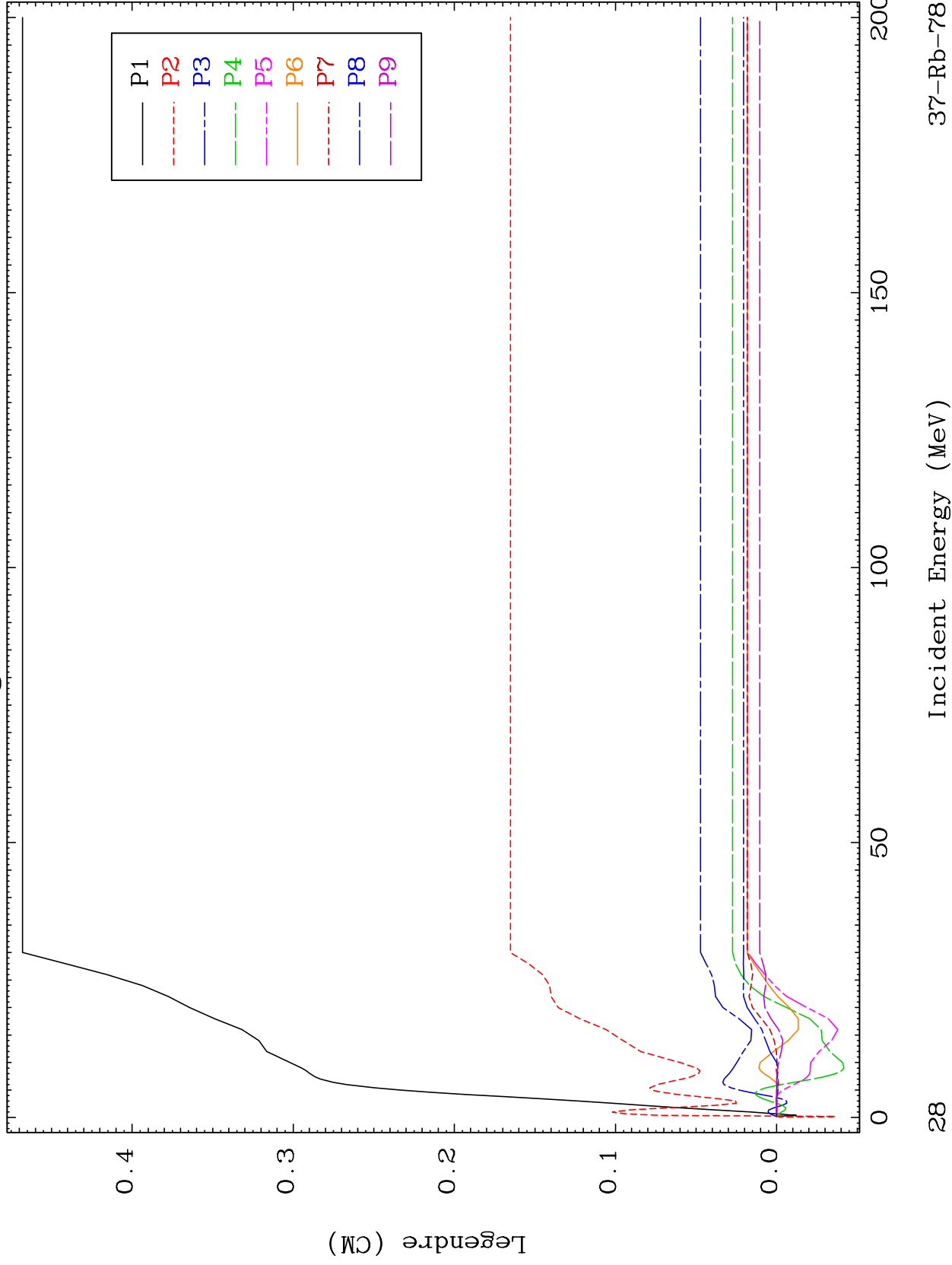




MAT 3704

114.9 keV (n,n') Level
Legendre Coefficients

37-Rb-78

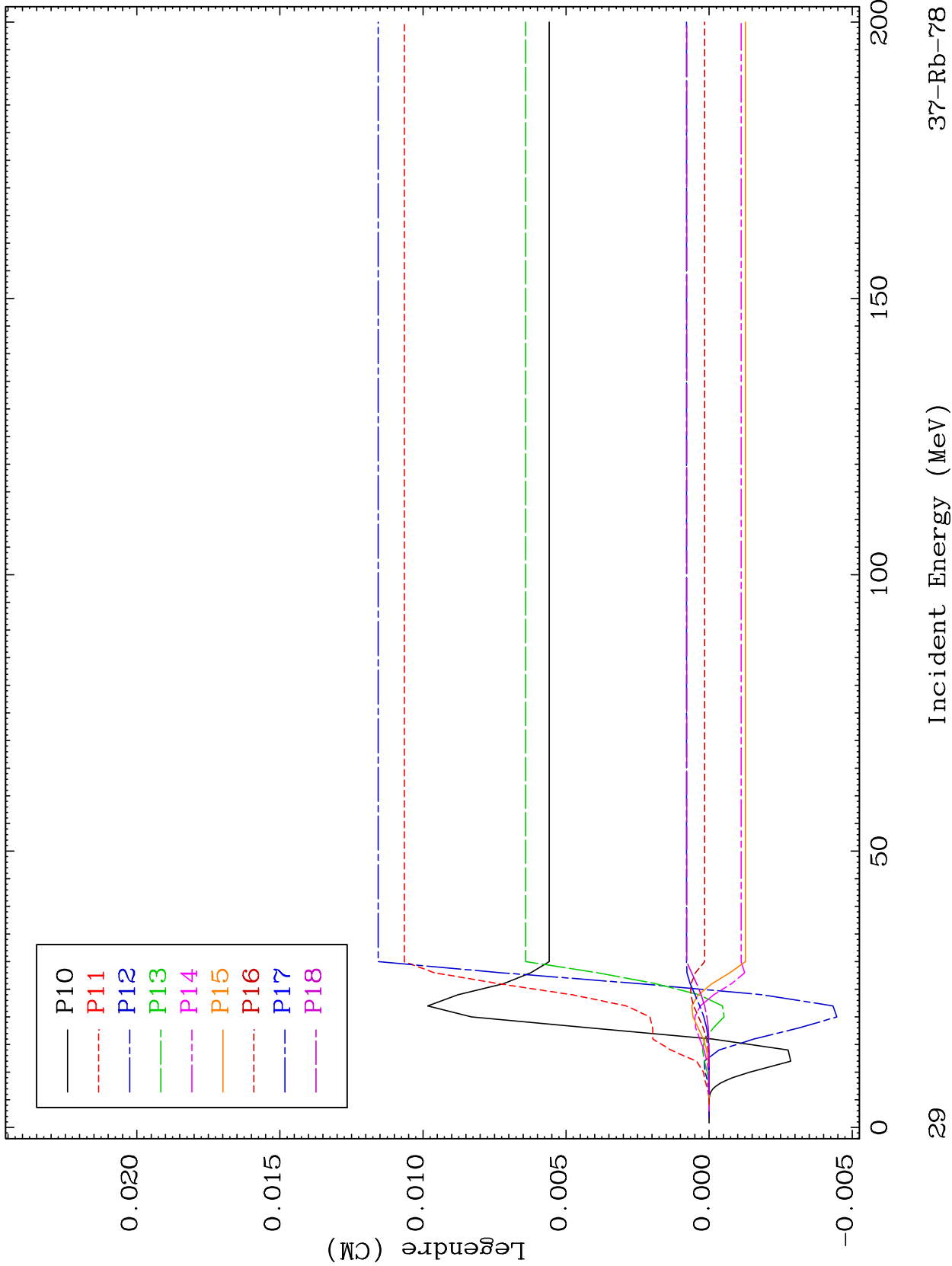


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MAT 3704

114.9 keV (n,n') Level
Legendre Coefficients

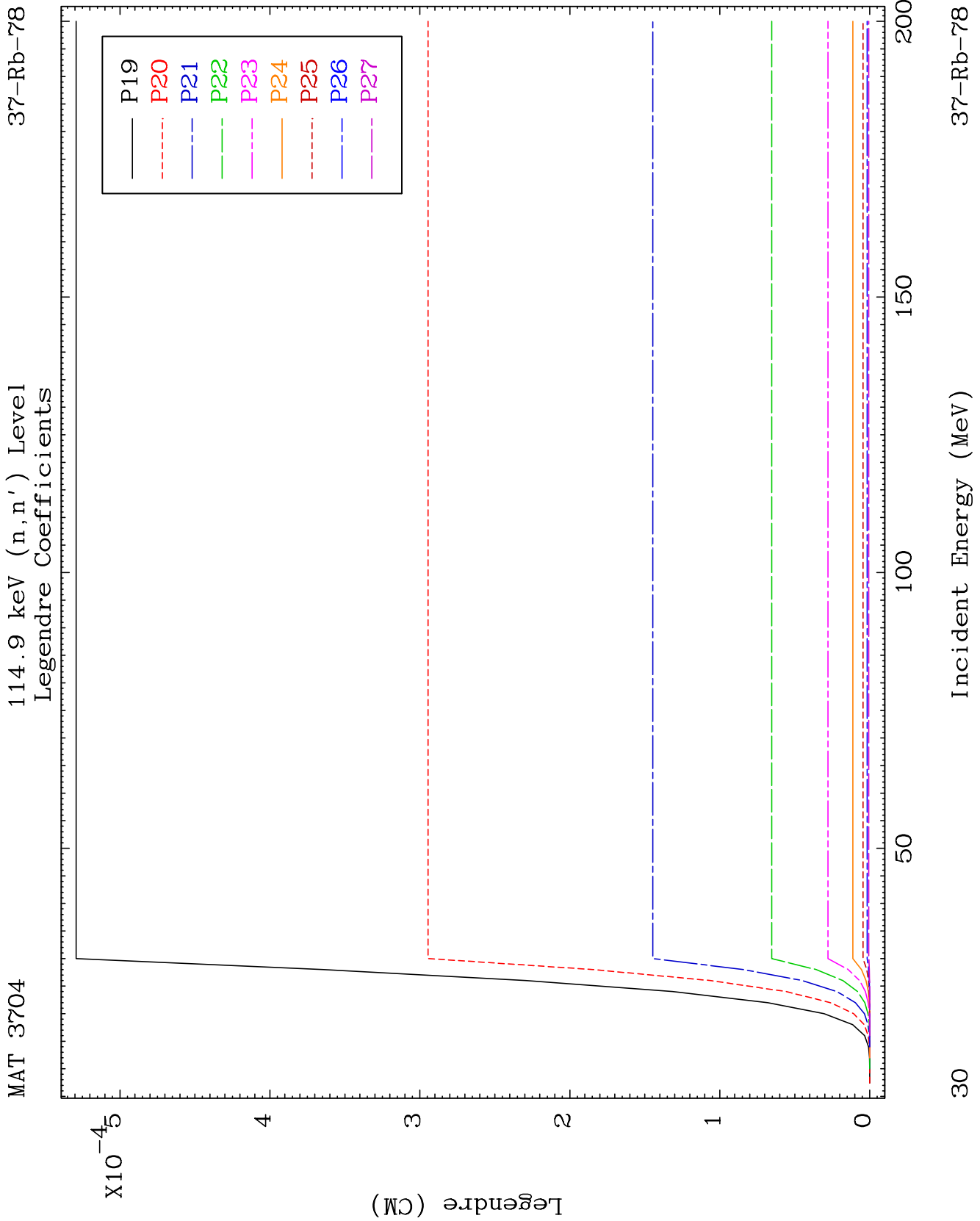
37-Rb-78



29

Incident Energy (MeV)

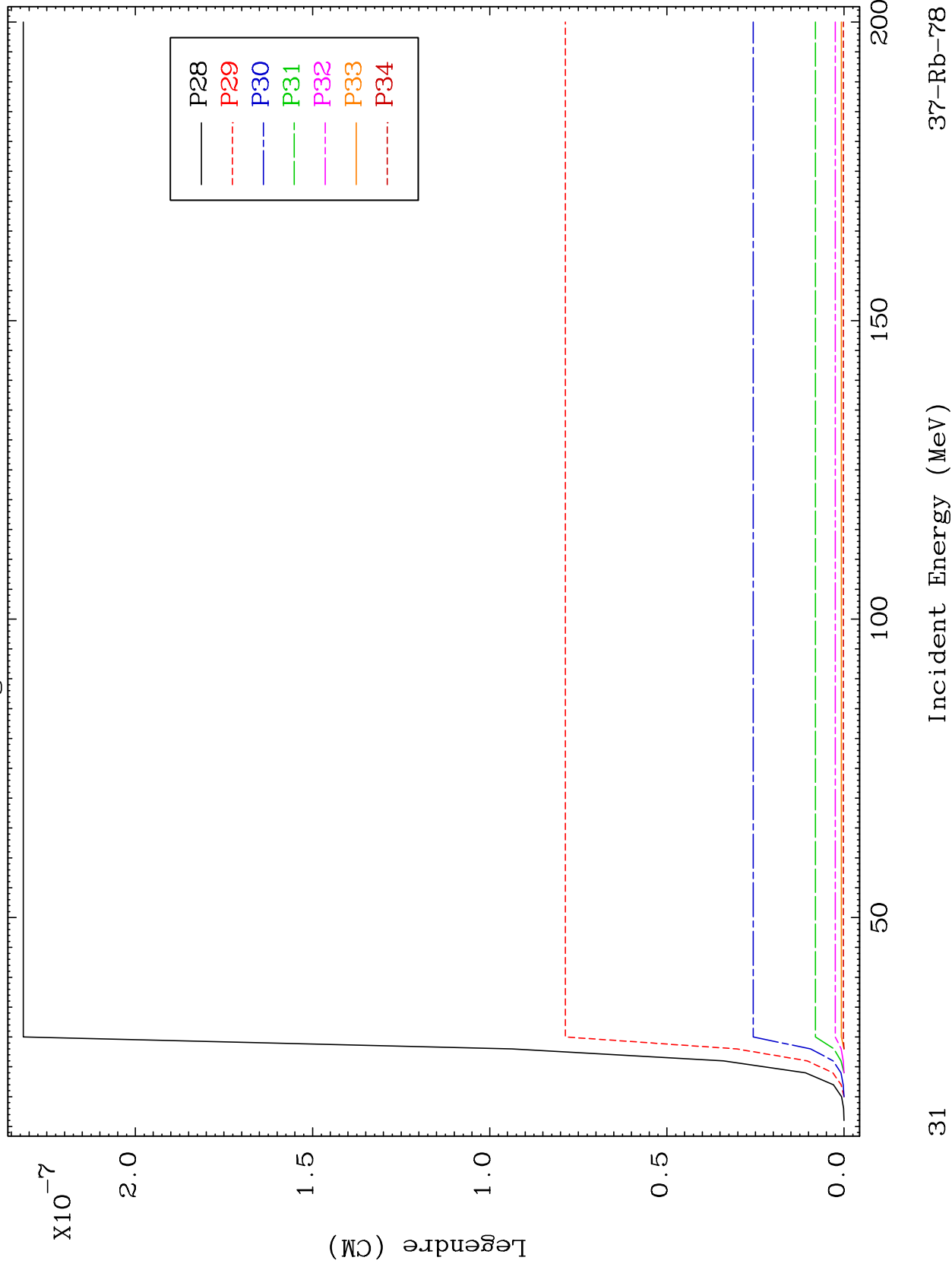
37-Rb-78



MAT 3704

114.9 keV (n, n') Level
Legendre Coefficients

37-Rb-78

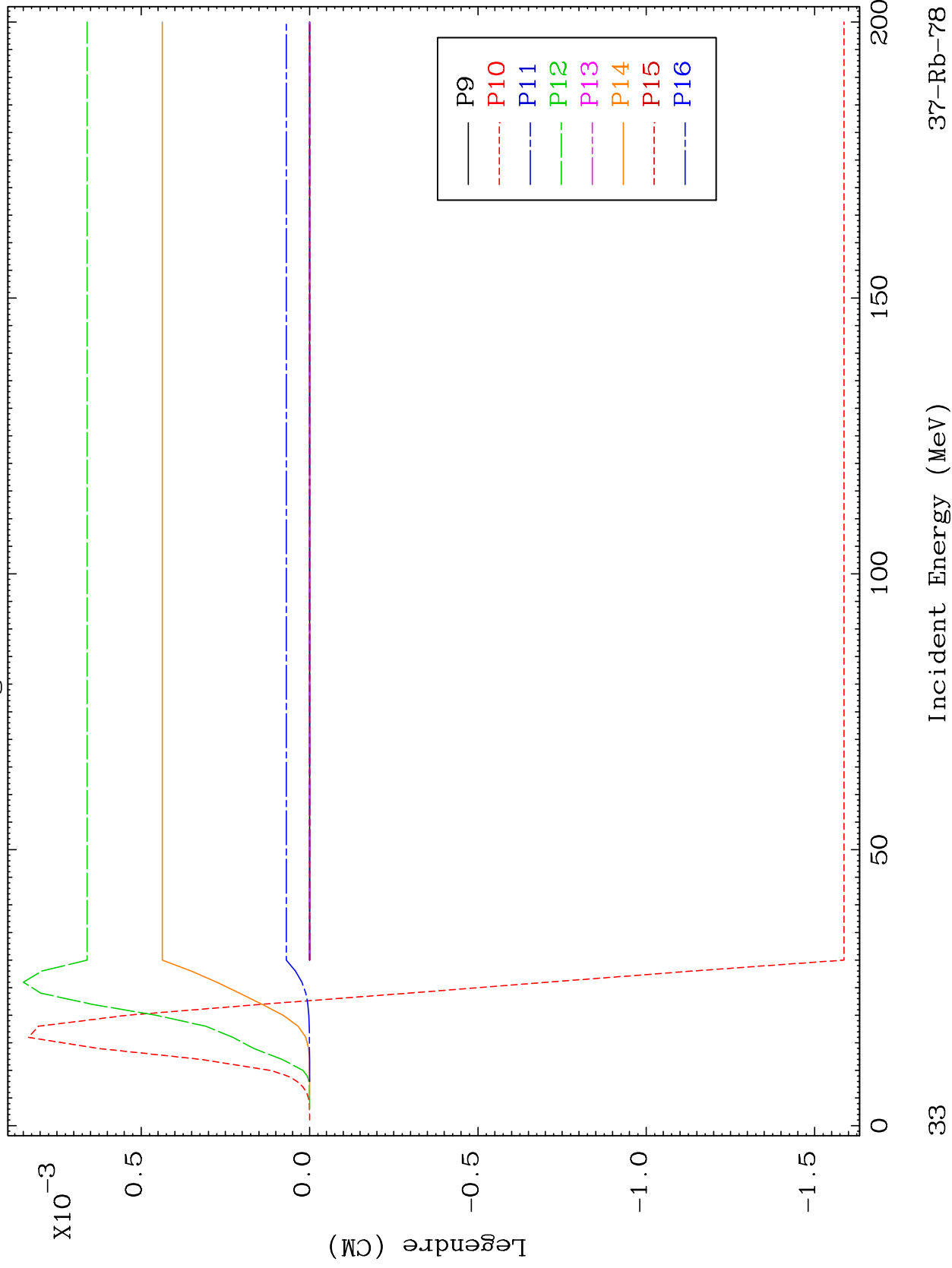


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MAT 3704

119.7 keV (n,n') Level
Legendre Coefficients

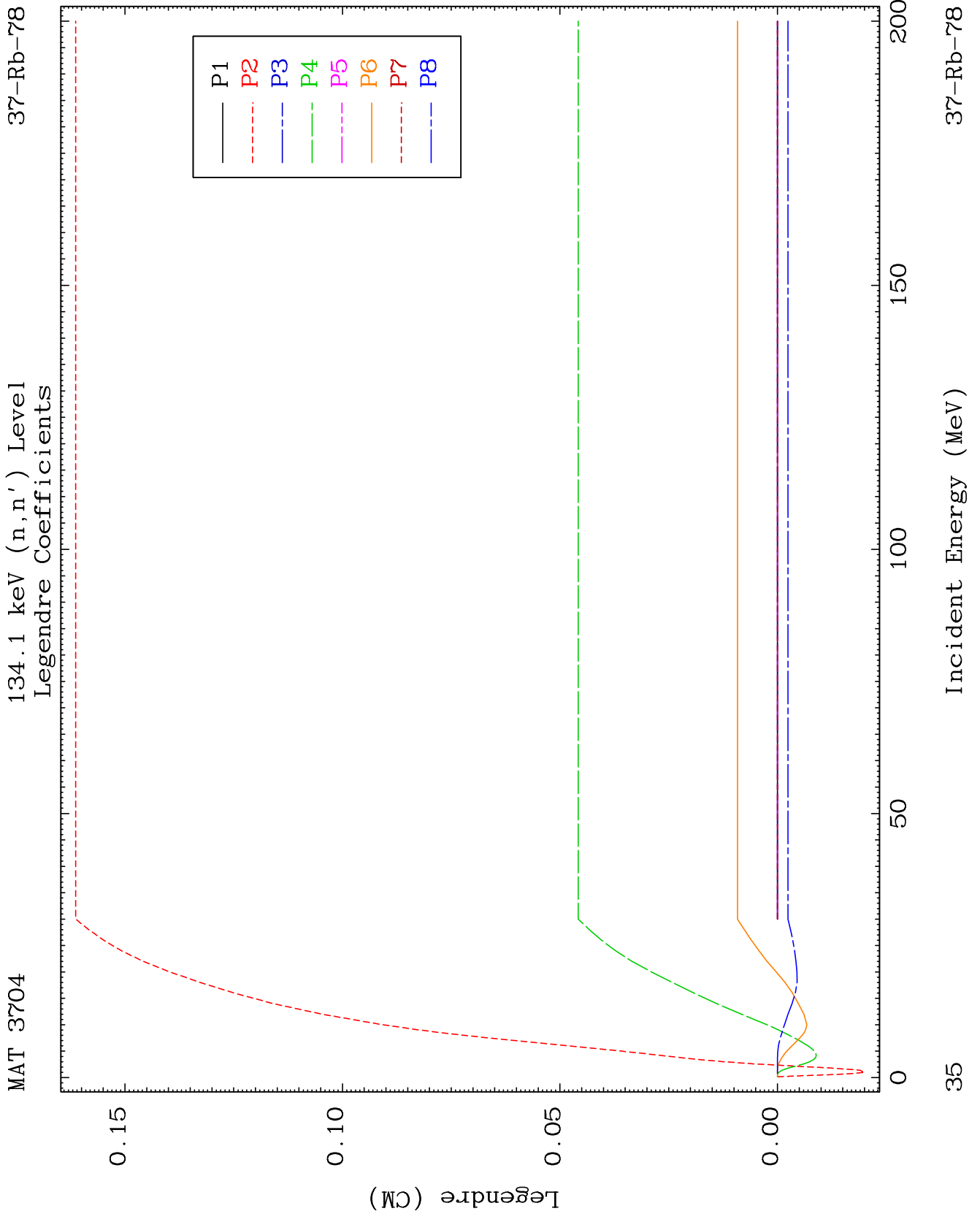
37-Rb-78

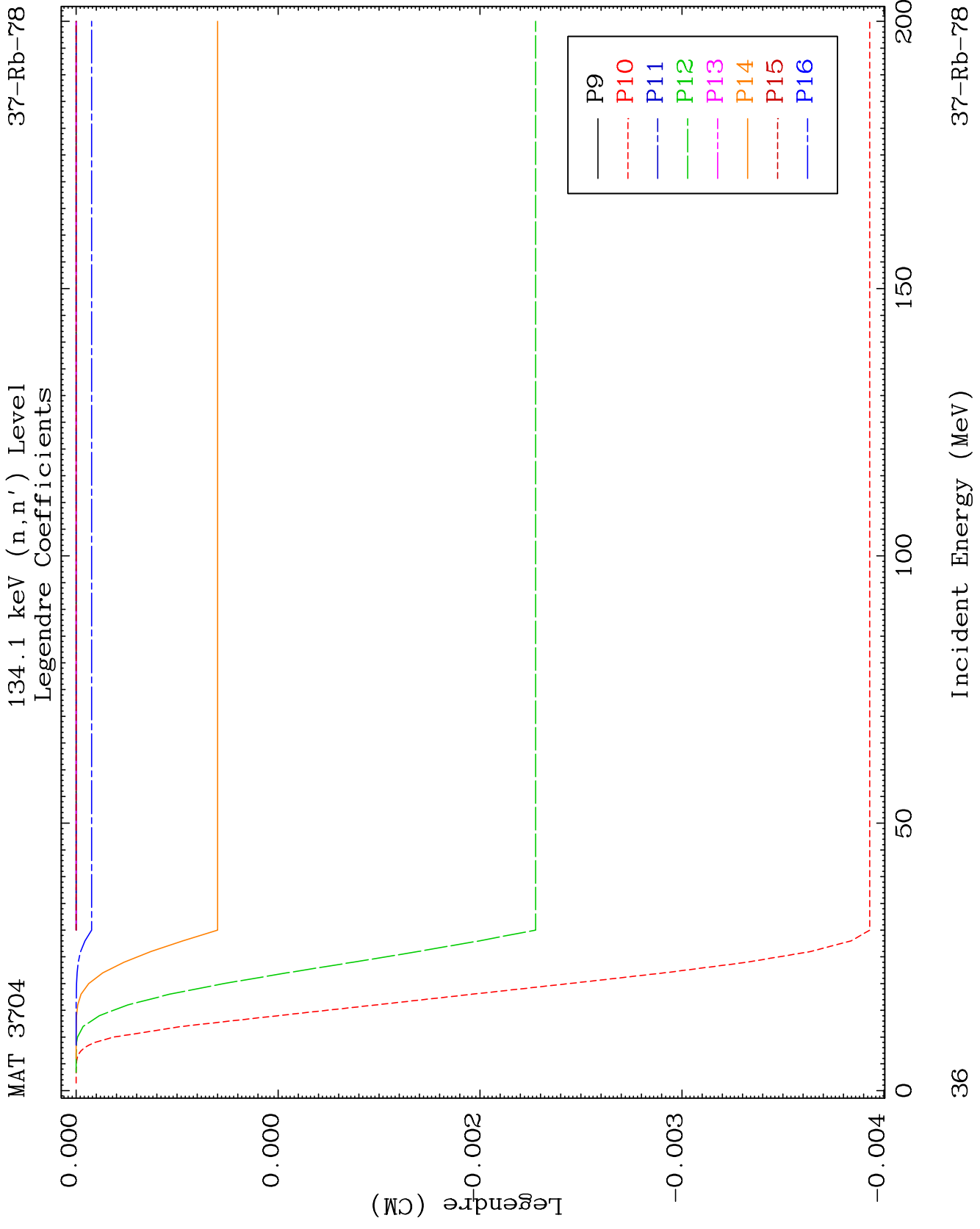


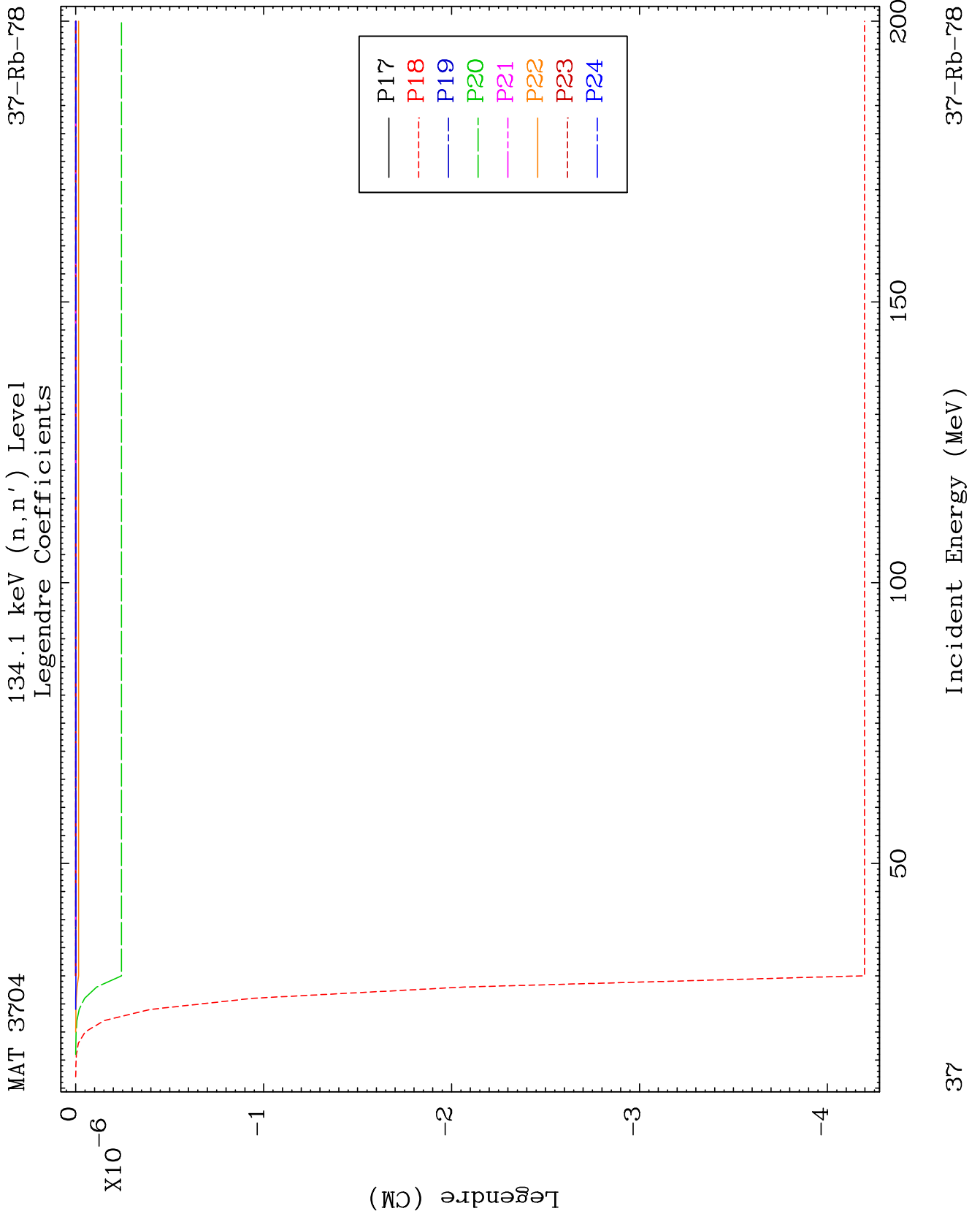
33

Incident Energy (MeV)

37-Rb-78



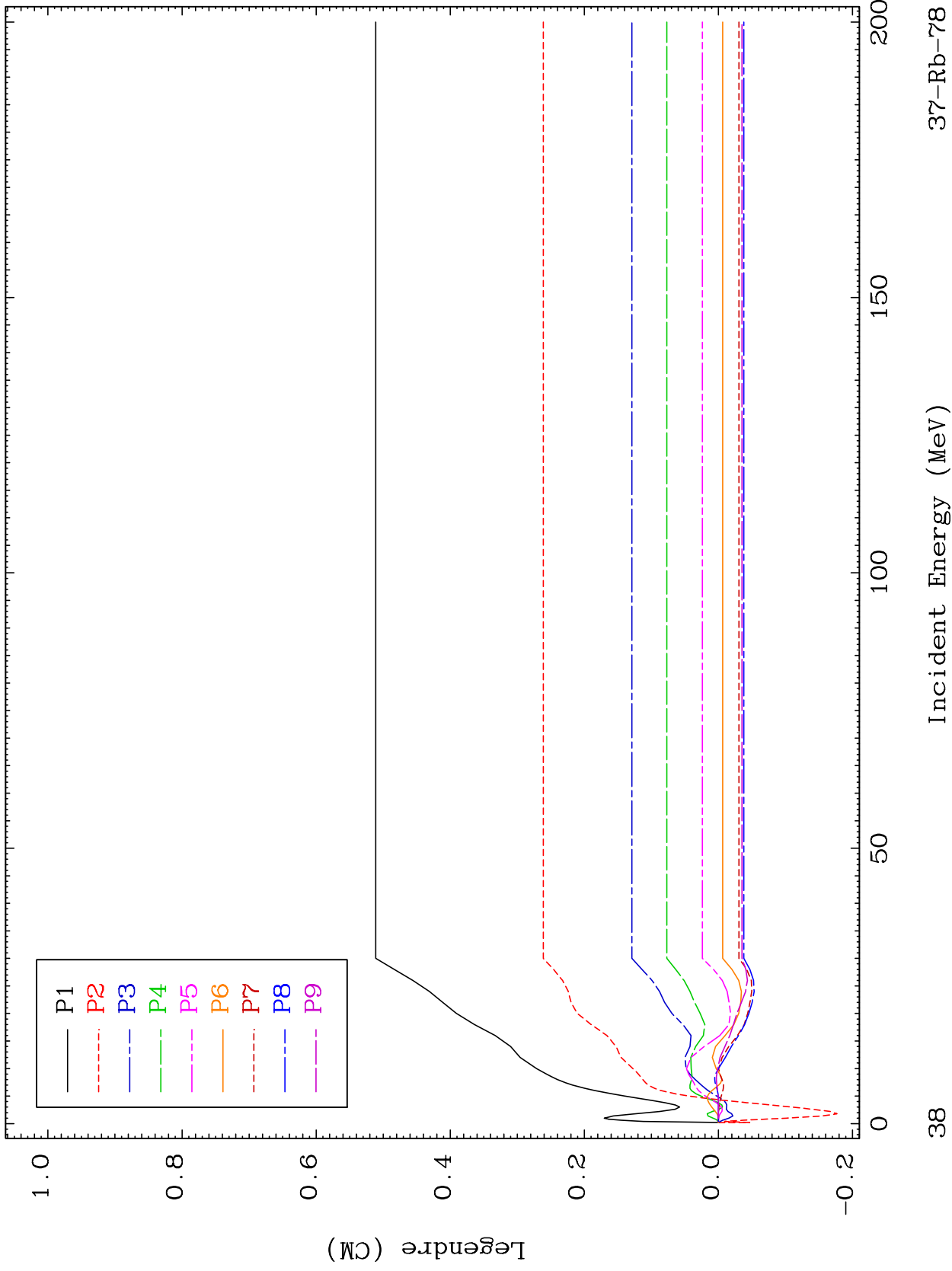




MAT 3704

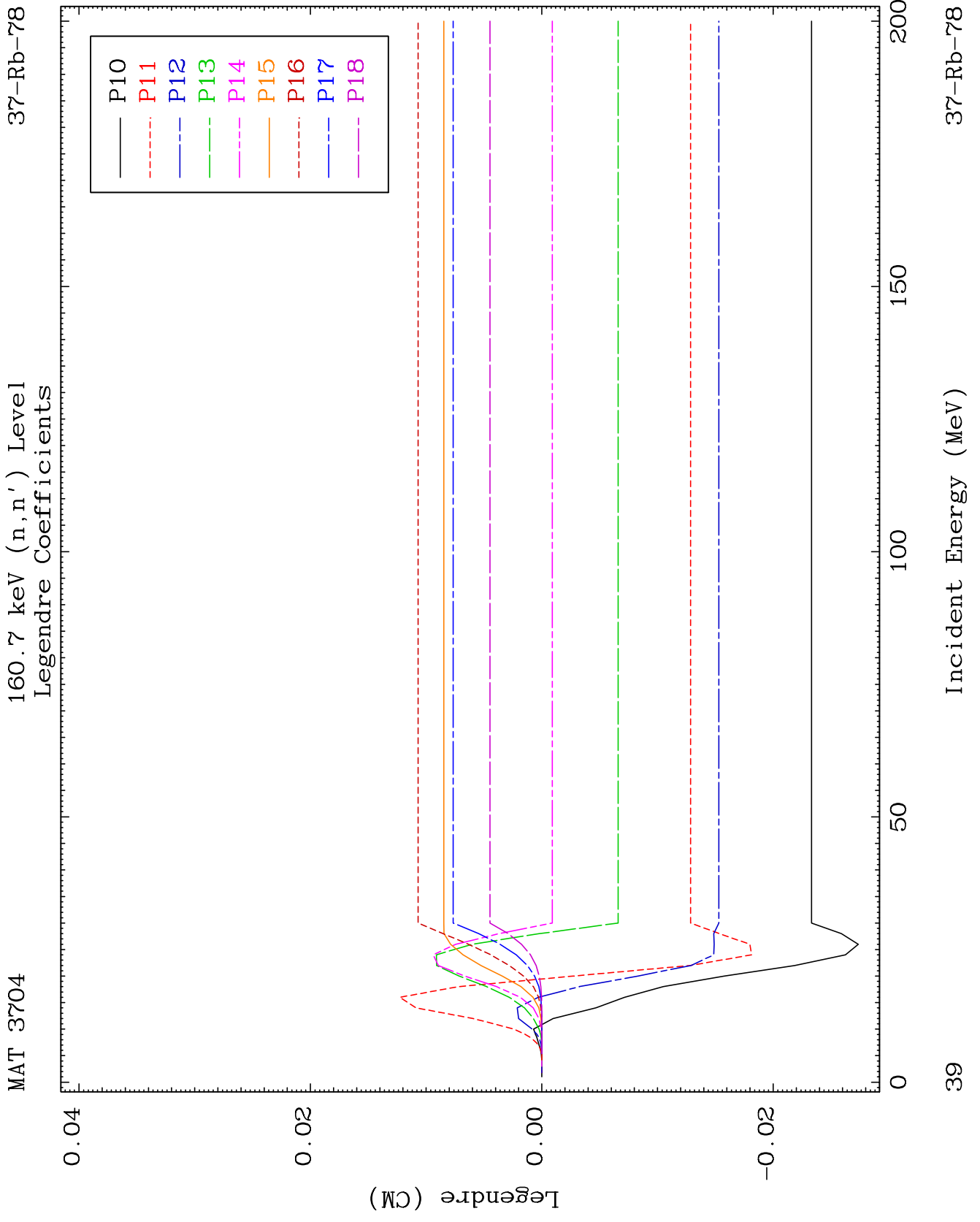
160.7 keV (n,n') Level
Legendre Coefficients

37-Rb-78



38

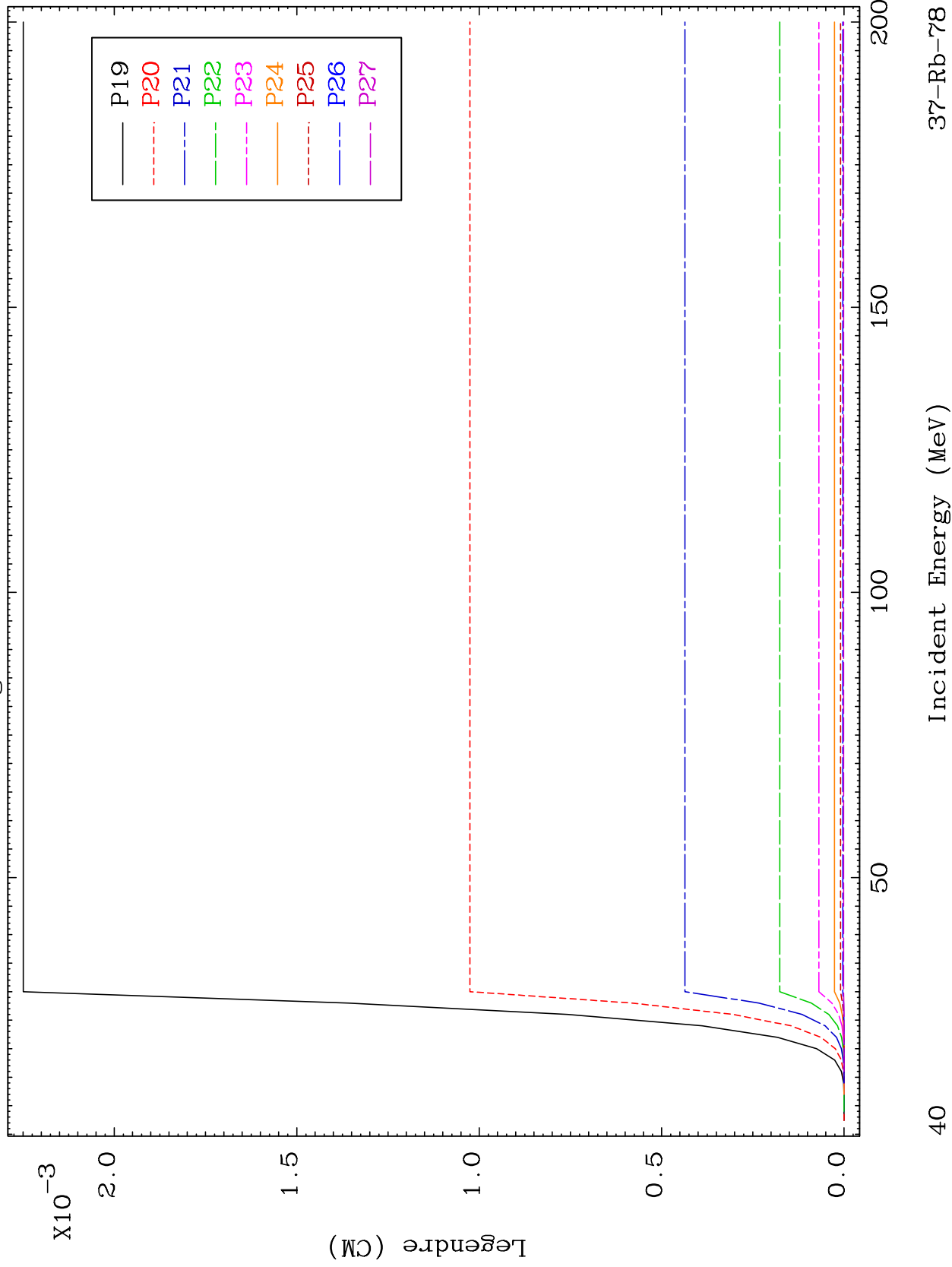
37-Rb-78



MAT 3704

160.7 keV (n,n') Level
Legendre Coefficients

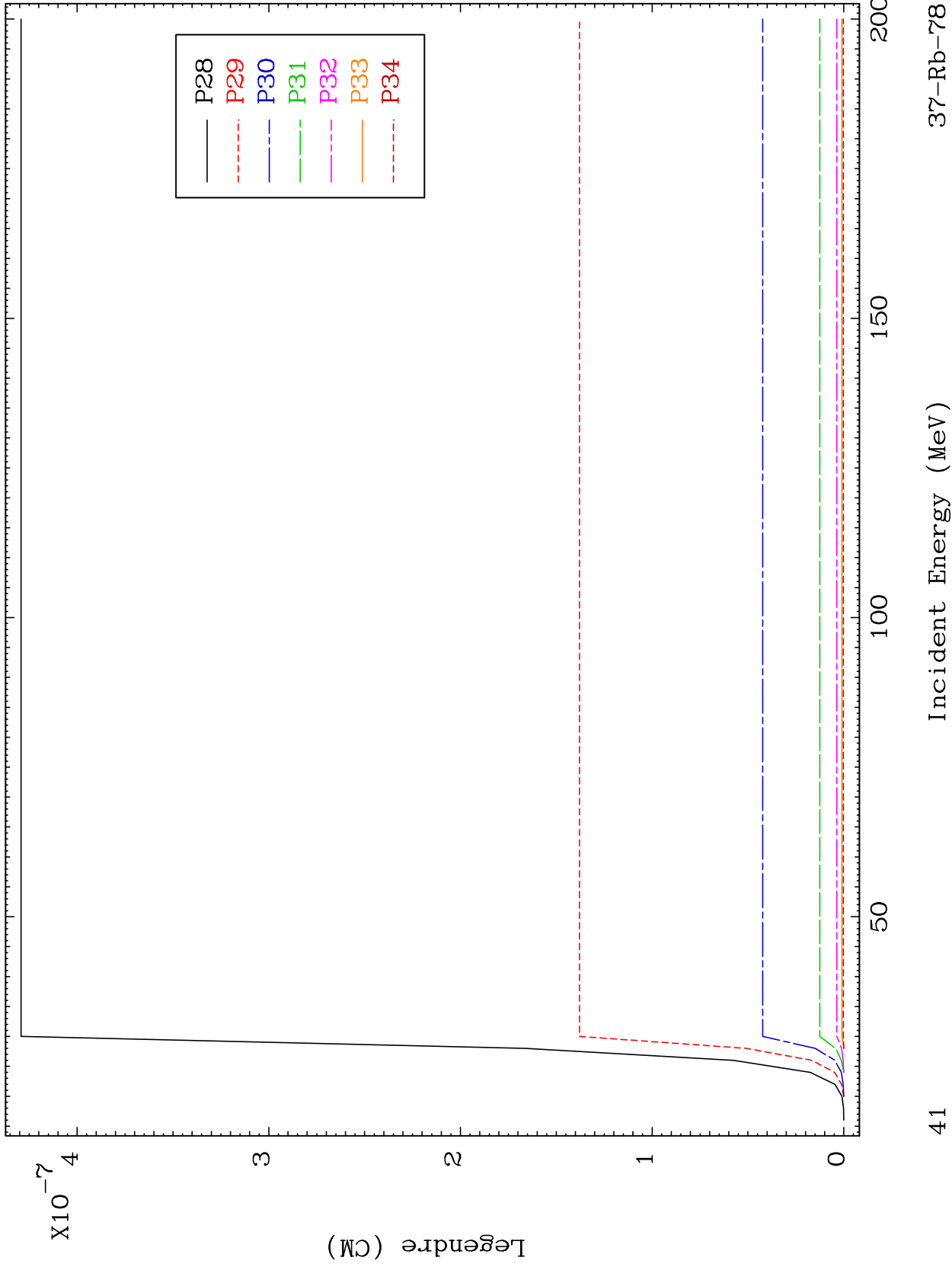
37-Rb-78



MAT 3704

160.7 keV (n,n') Level
Legendre Coefficients

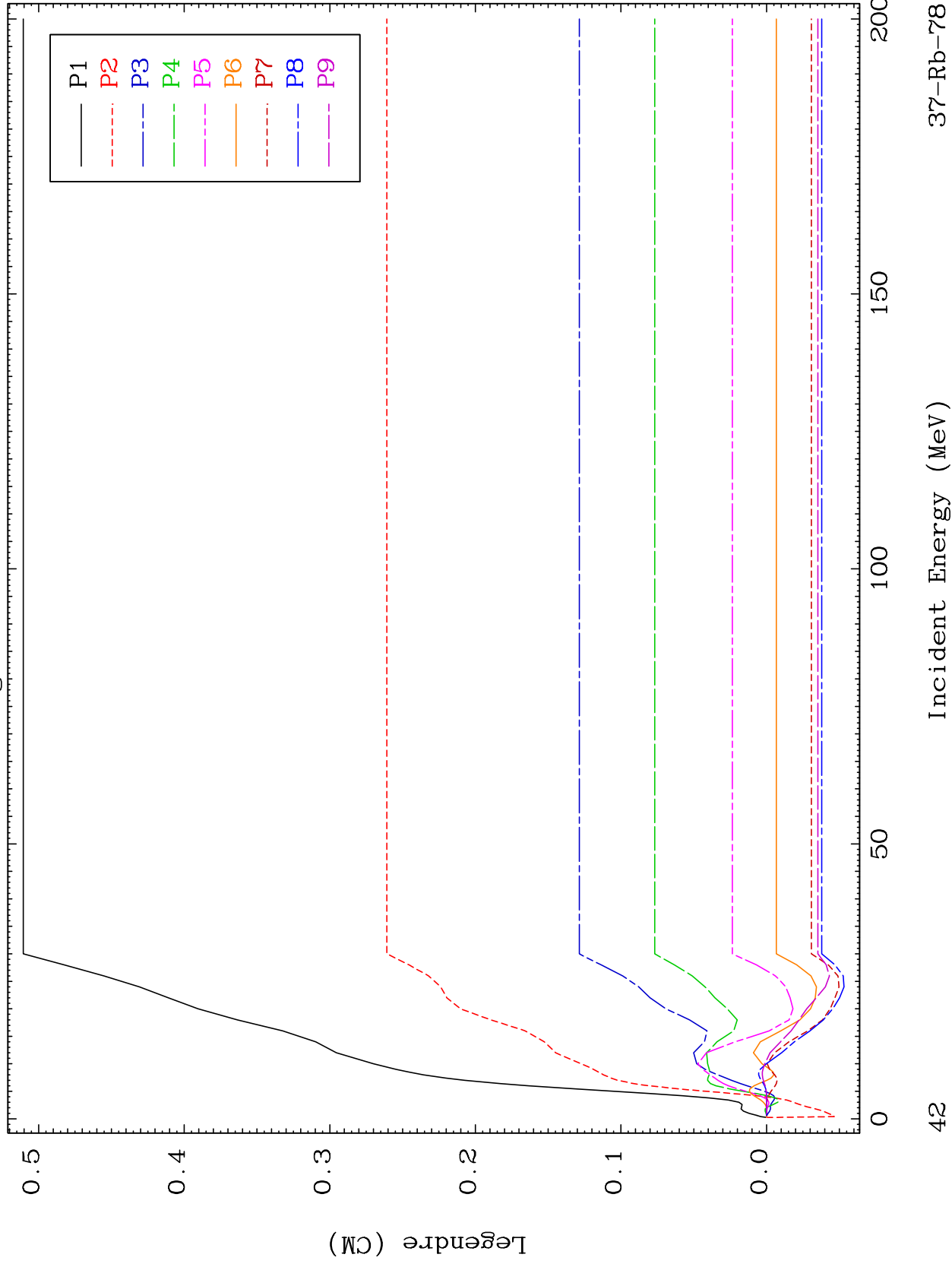
37-Rb-78



MAT 3704

232.4 keV (n,n') Level
Legendre Coefficients

37-Rb-78



37-Rb-78

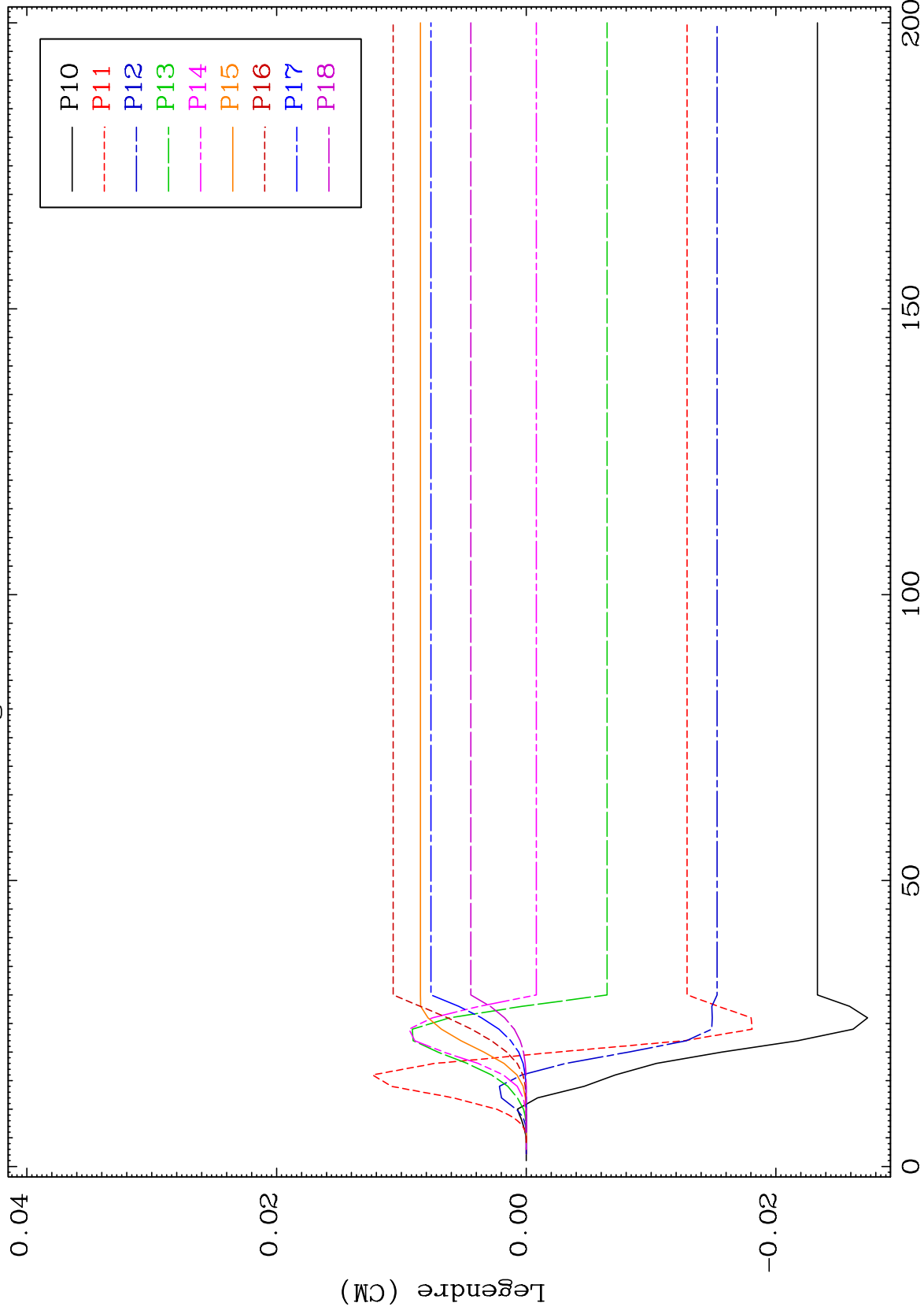
Incident Energy (MeV)

42

MAT 3704

232.4 keV (n,n') Level
Legendre Coefficients

37-Rb-78



43

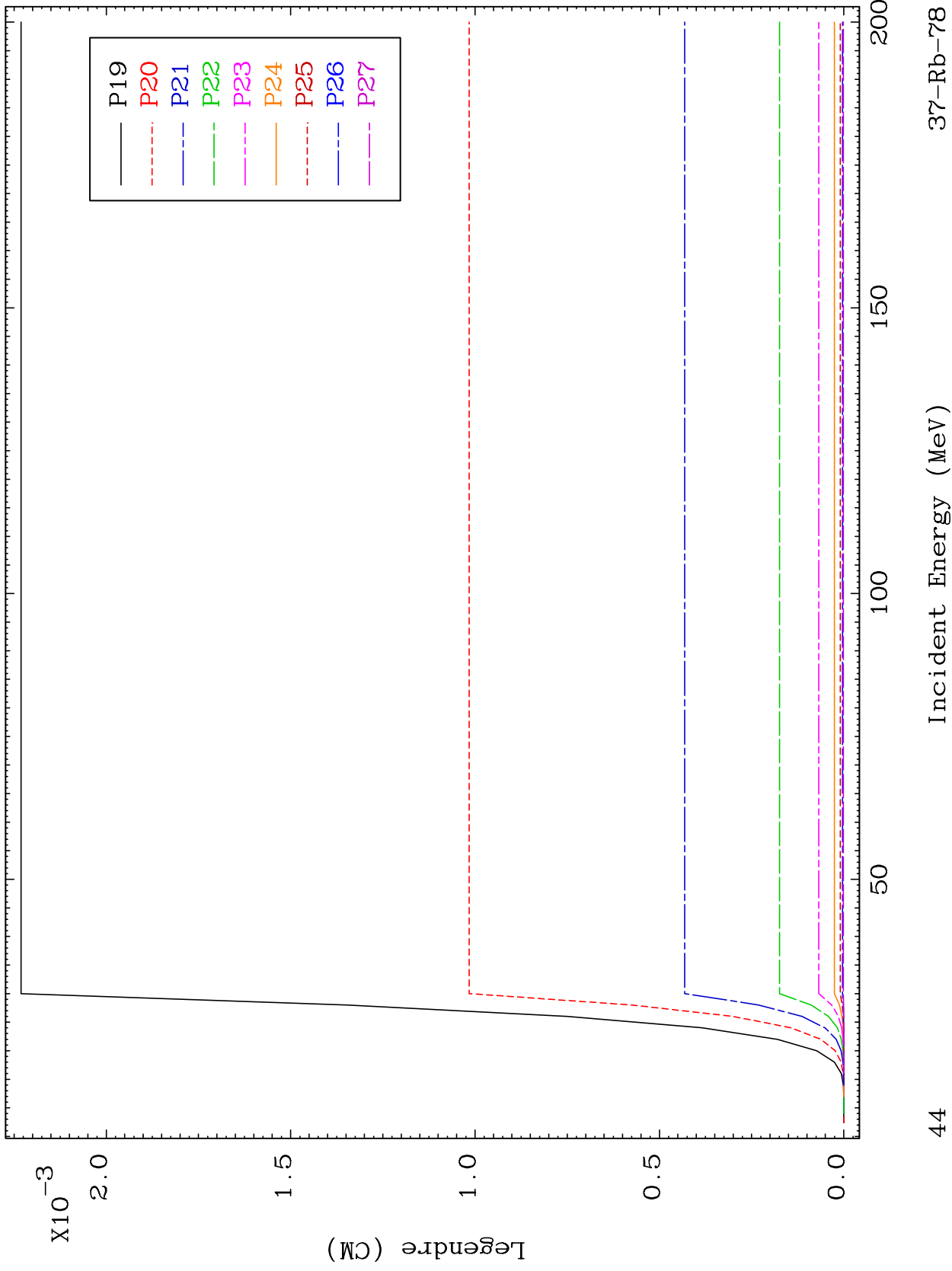
Incident Energy (MeV)

37-Rb-78

MAT 3704

232.4 keV (n,n') Level
Legendre Coefficients

37-Rb-78



44

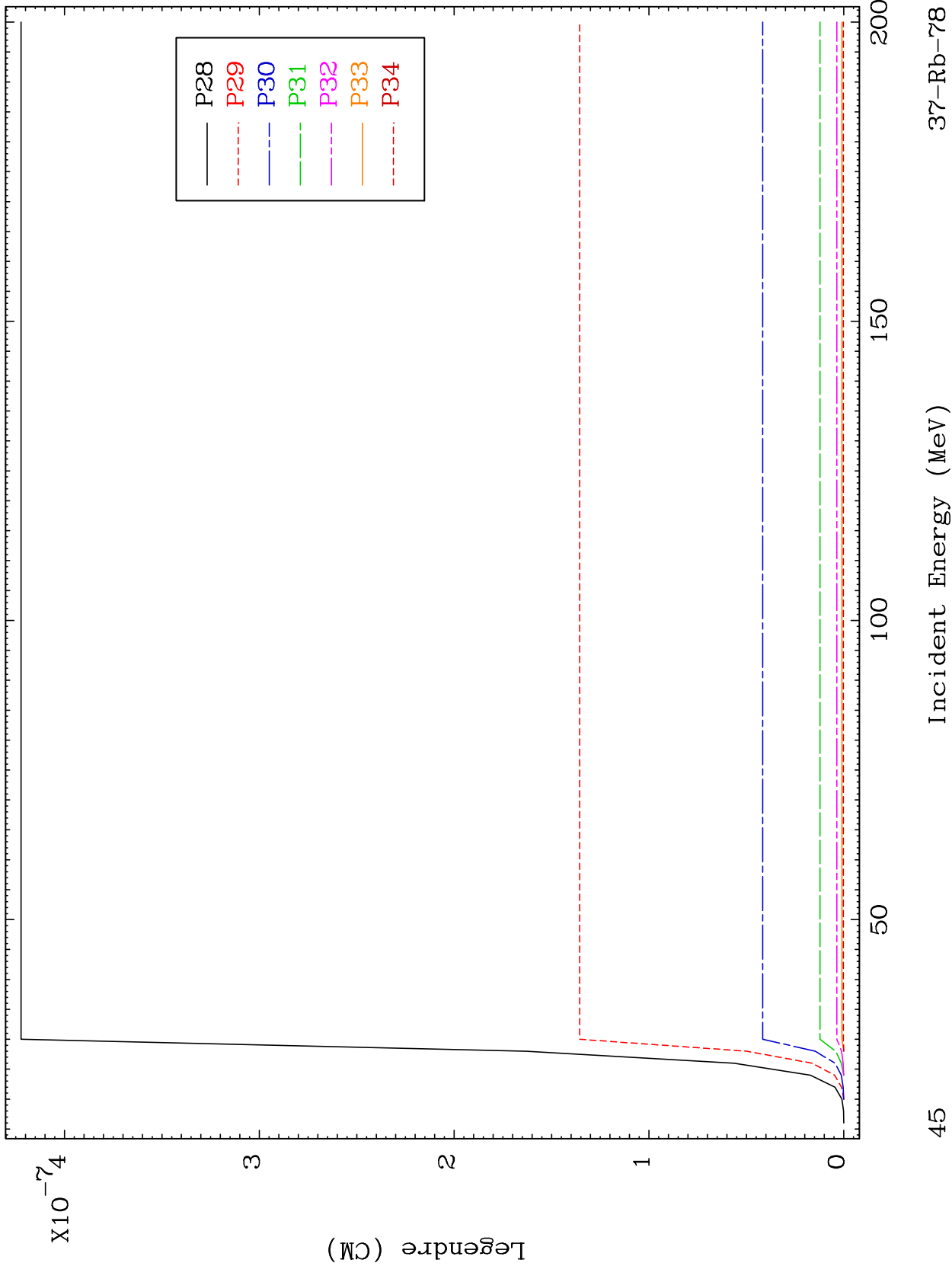
Incident Energy (MeV)

37-Rb-78

MAT 3704

232.4 keV (n,n') Level
Legendre Coefficients

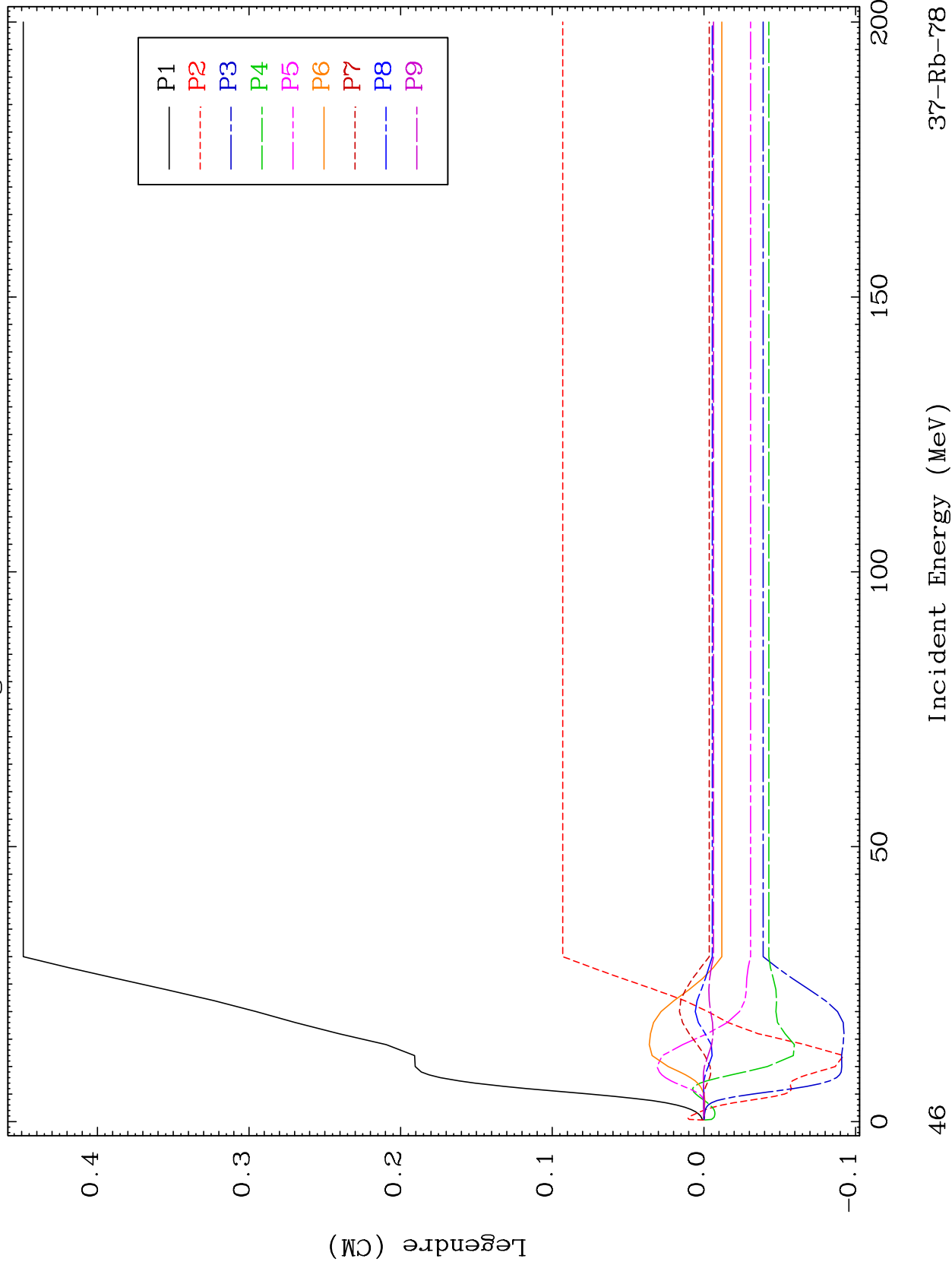
37-Rb-78



MAT 3704

263.8 keV (n,n') Level
Legendre Coefficients

37-Rb-78



37-Rb-78

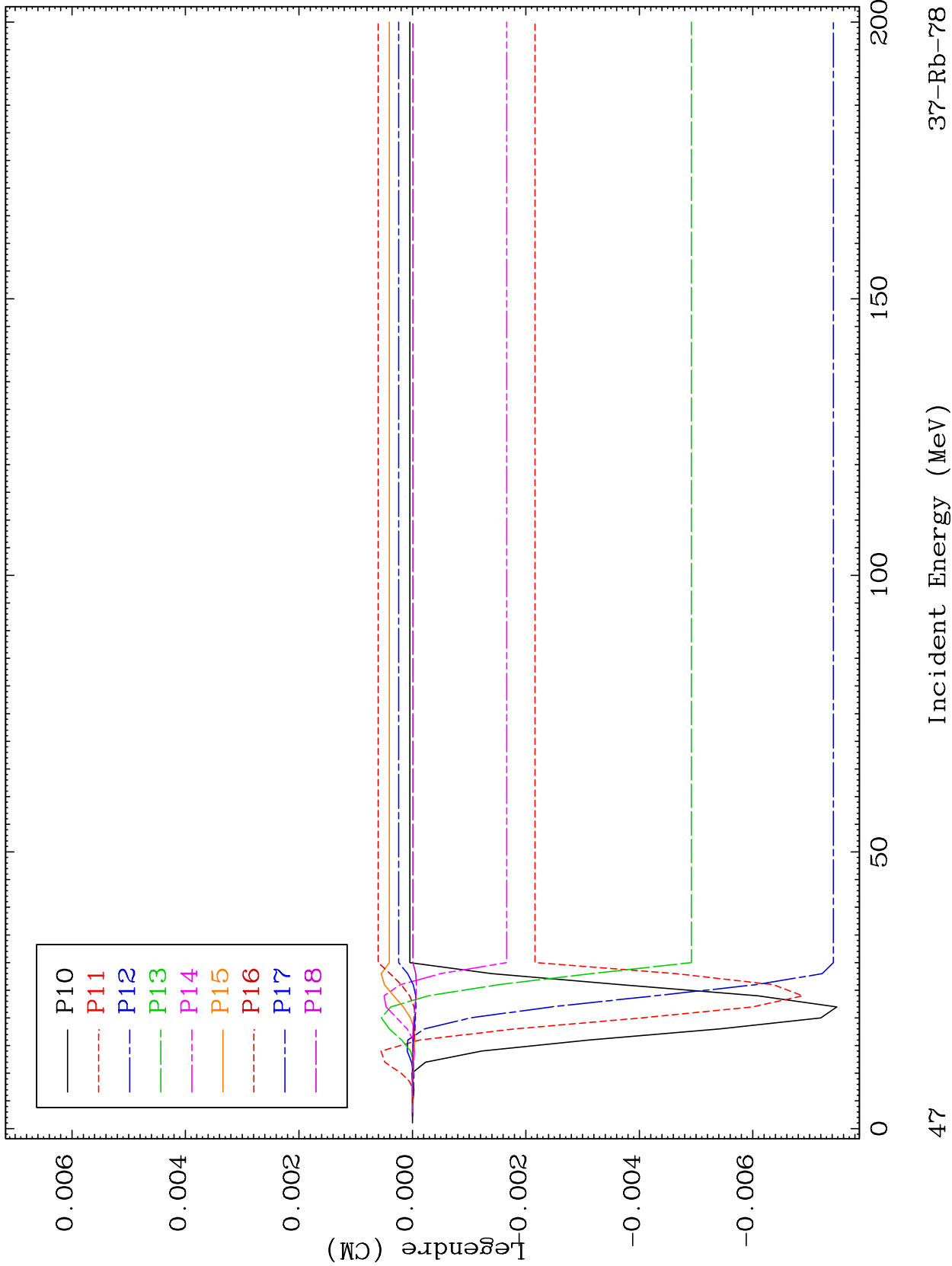
Incident Energy (MeV)

46

MAT 3704

263.8 keV (n,n') Level
Legendre Coefficients

37-Rb-78



47

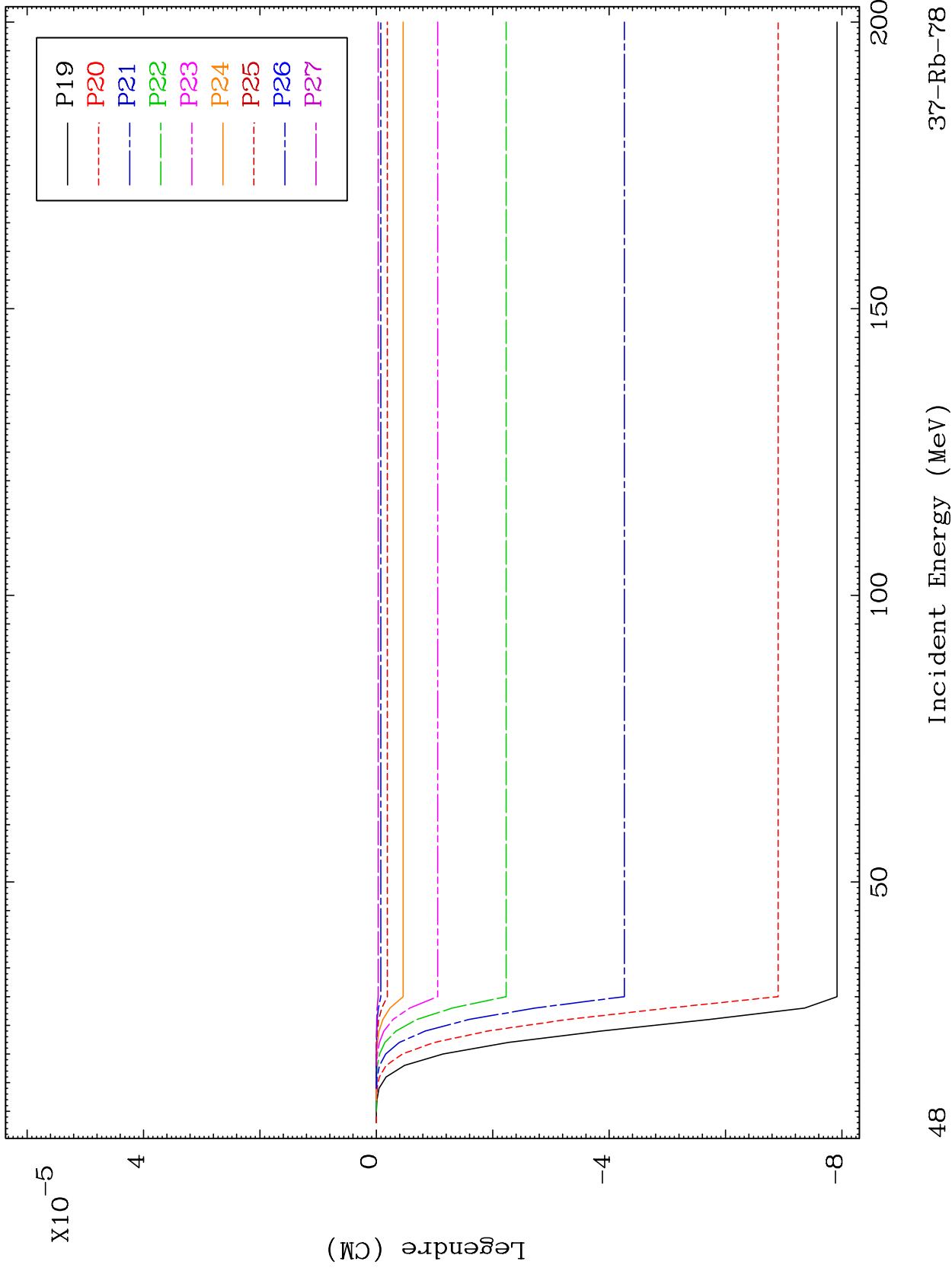
Incident Energy (MeV)

37-Rb-78

MAT 3704

263.8 keV (n,n') Level
Legendre Coefficients

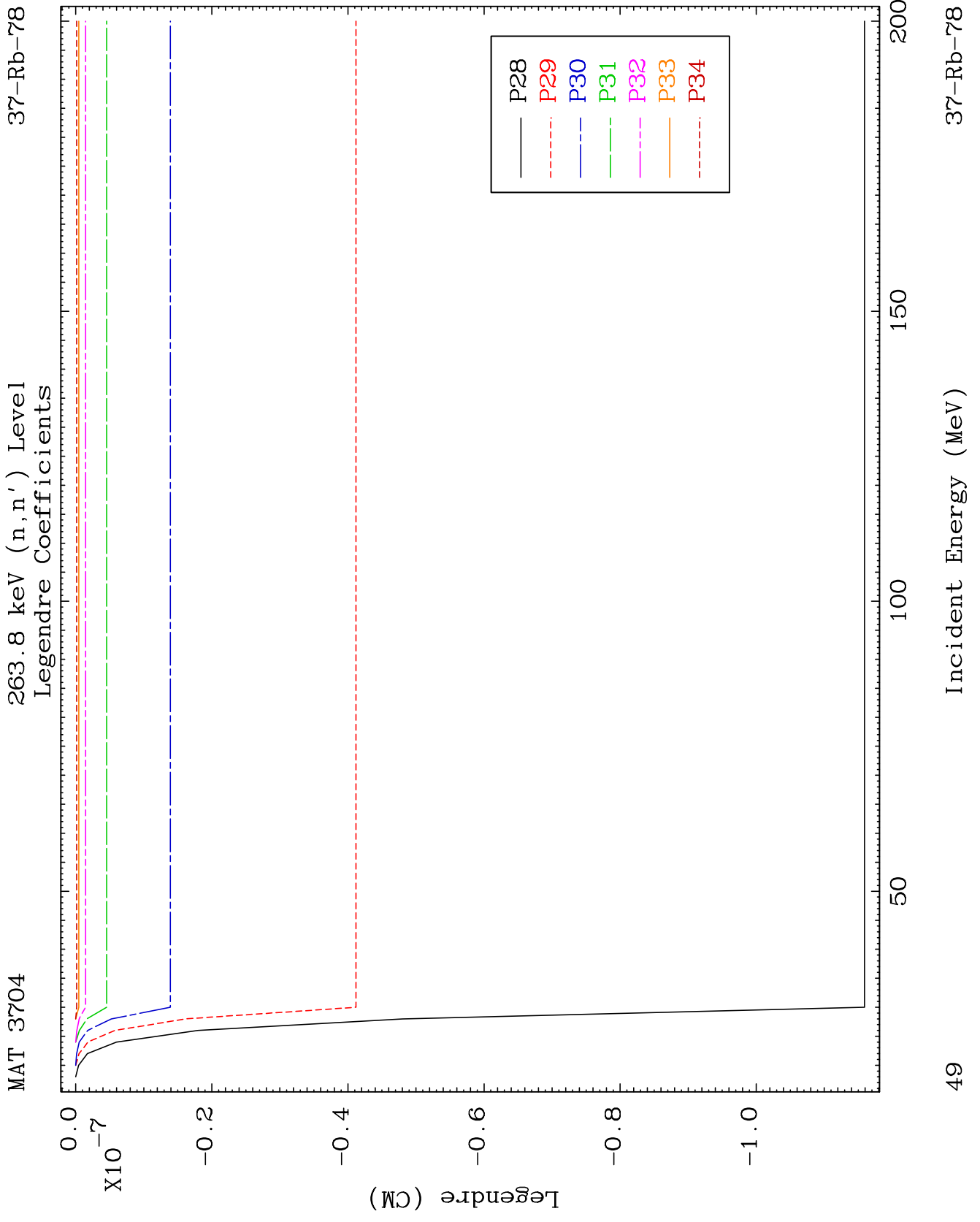
37-Rb-78



48

Incident Energy (MeV)

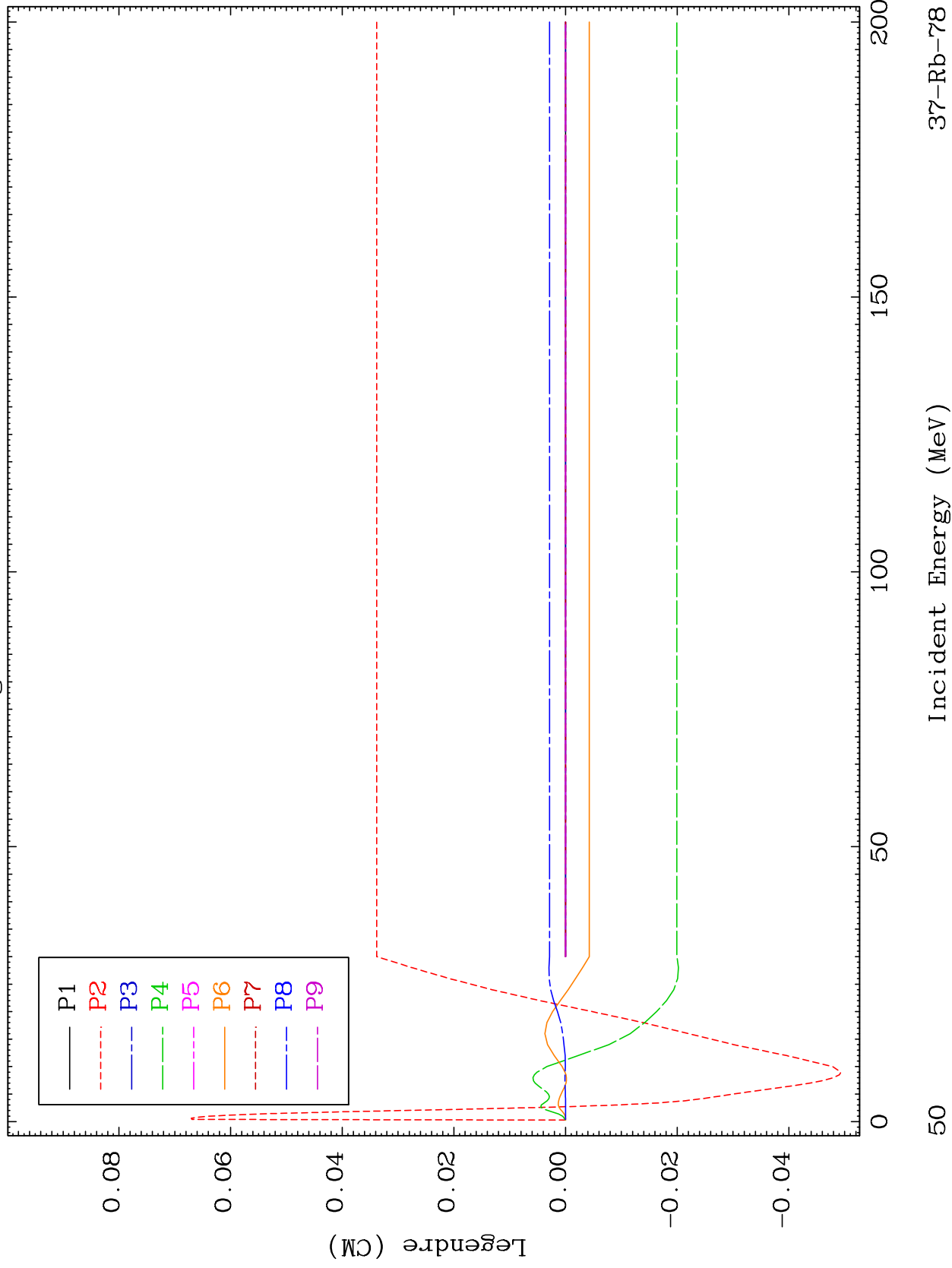
37-Rb-78



MAT 3704

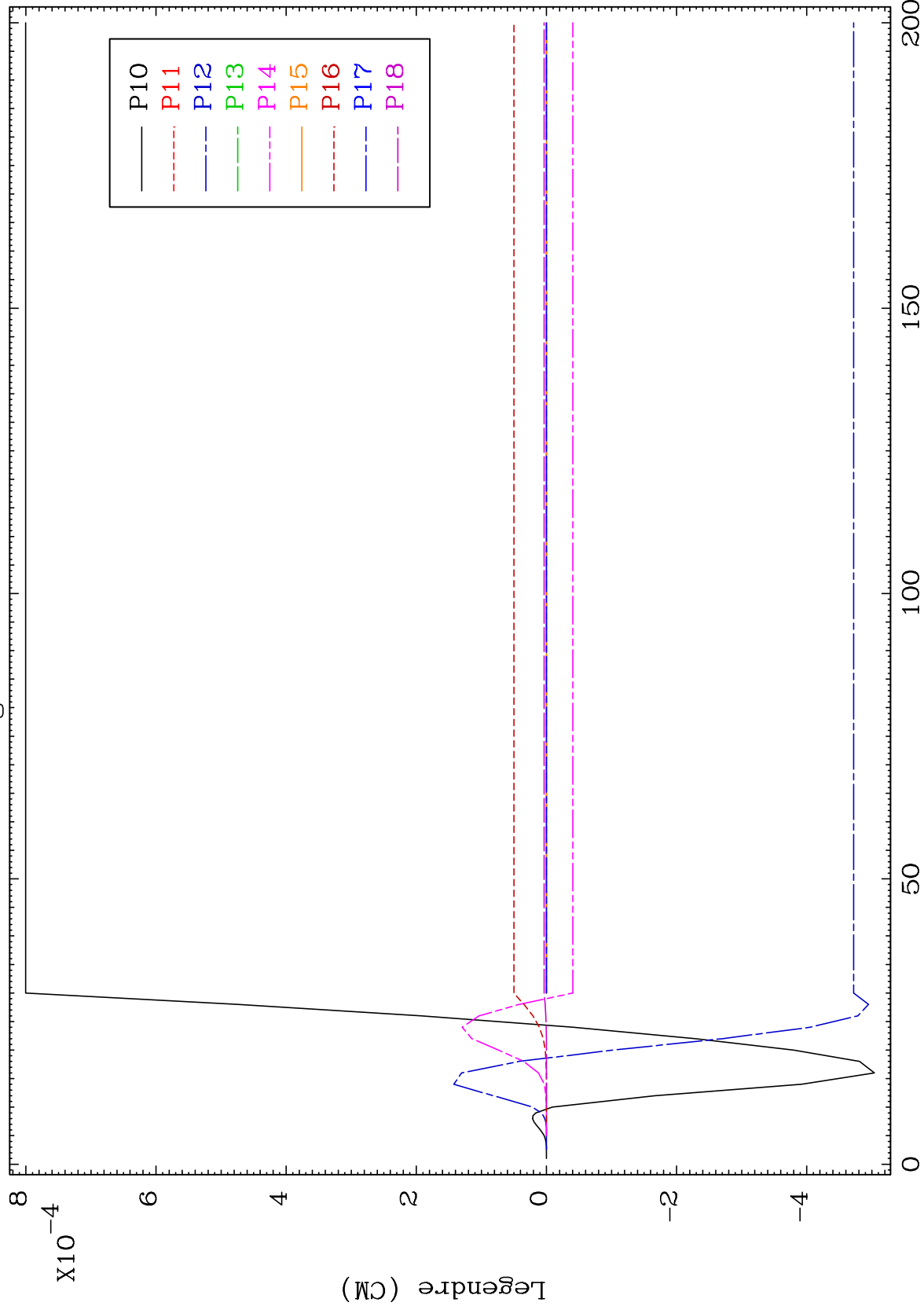
270.1 keV (n,n') Level
Legendre Coefficients

37-Rb-78



37-Rb-78

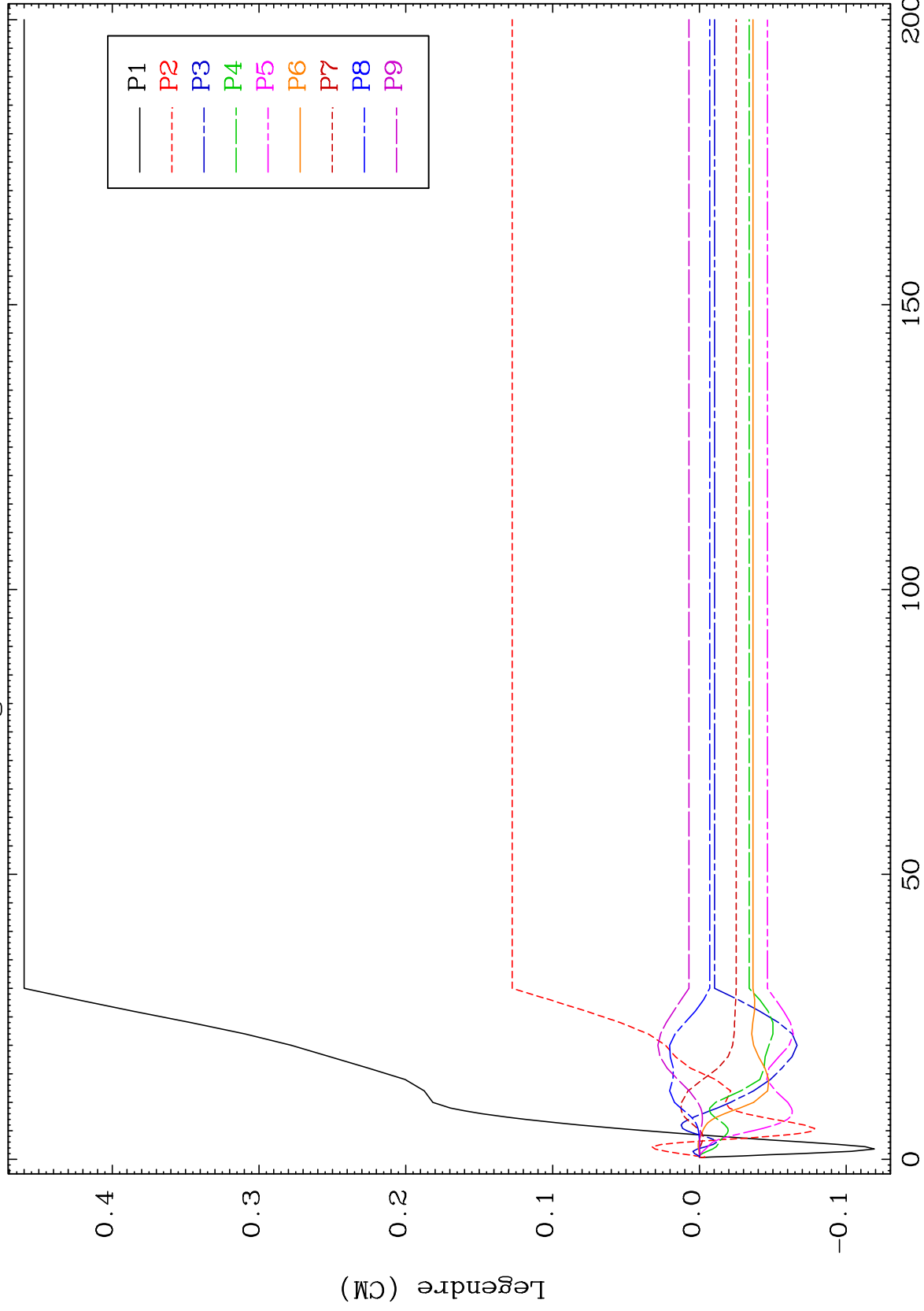
Incident Energy (MeV)



MAT 3704

274.4 keV (n,n') Level
Legendre Coefficients

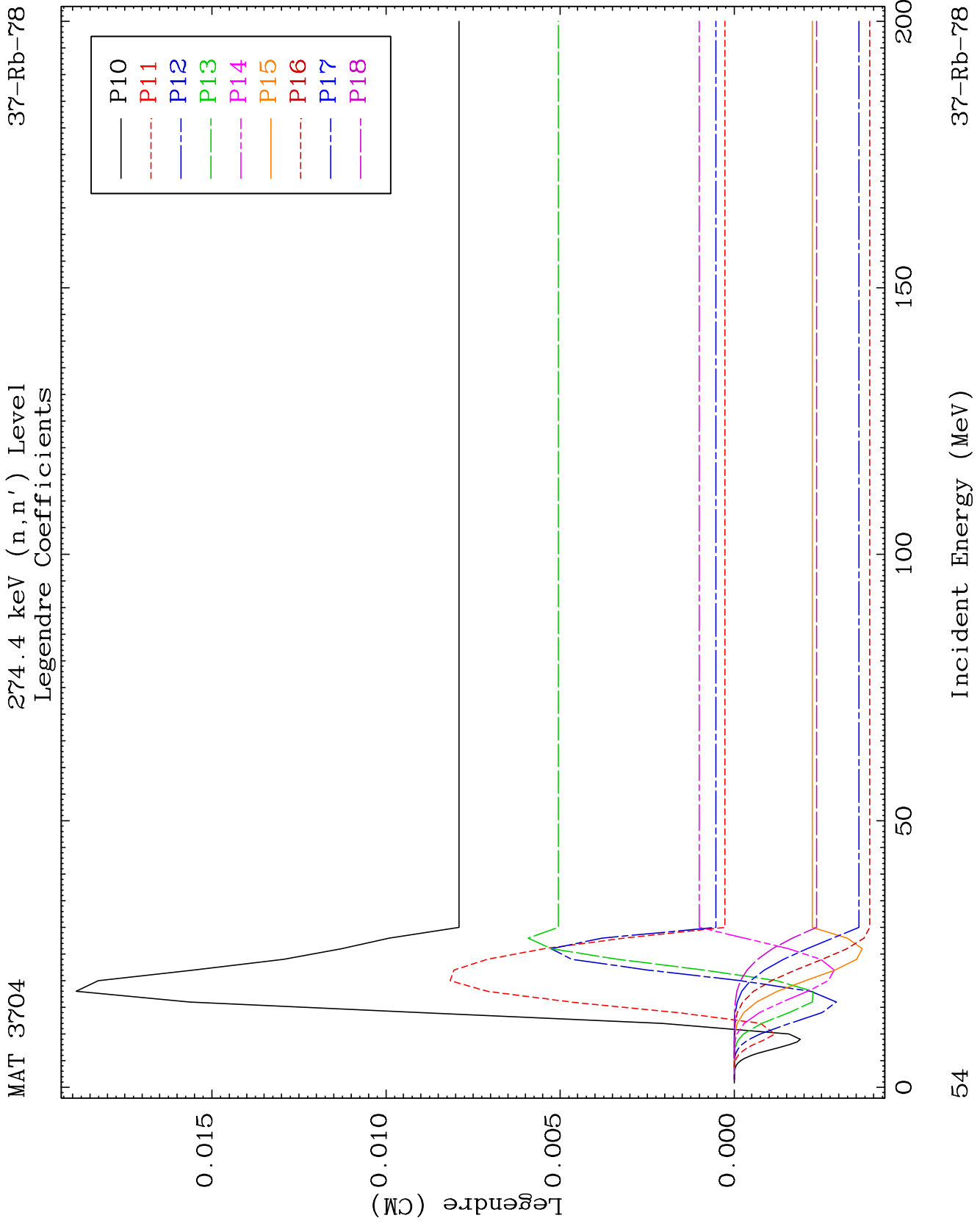
37-Rb-78

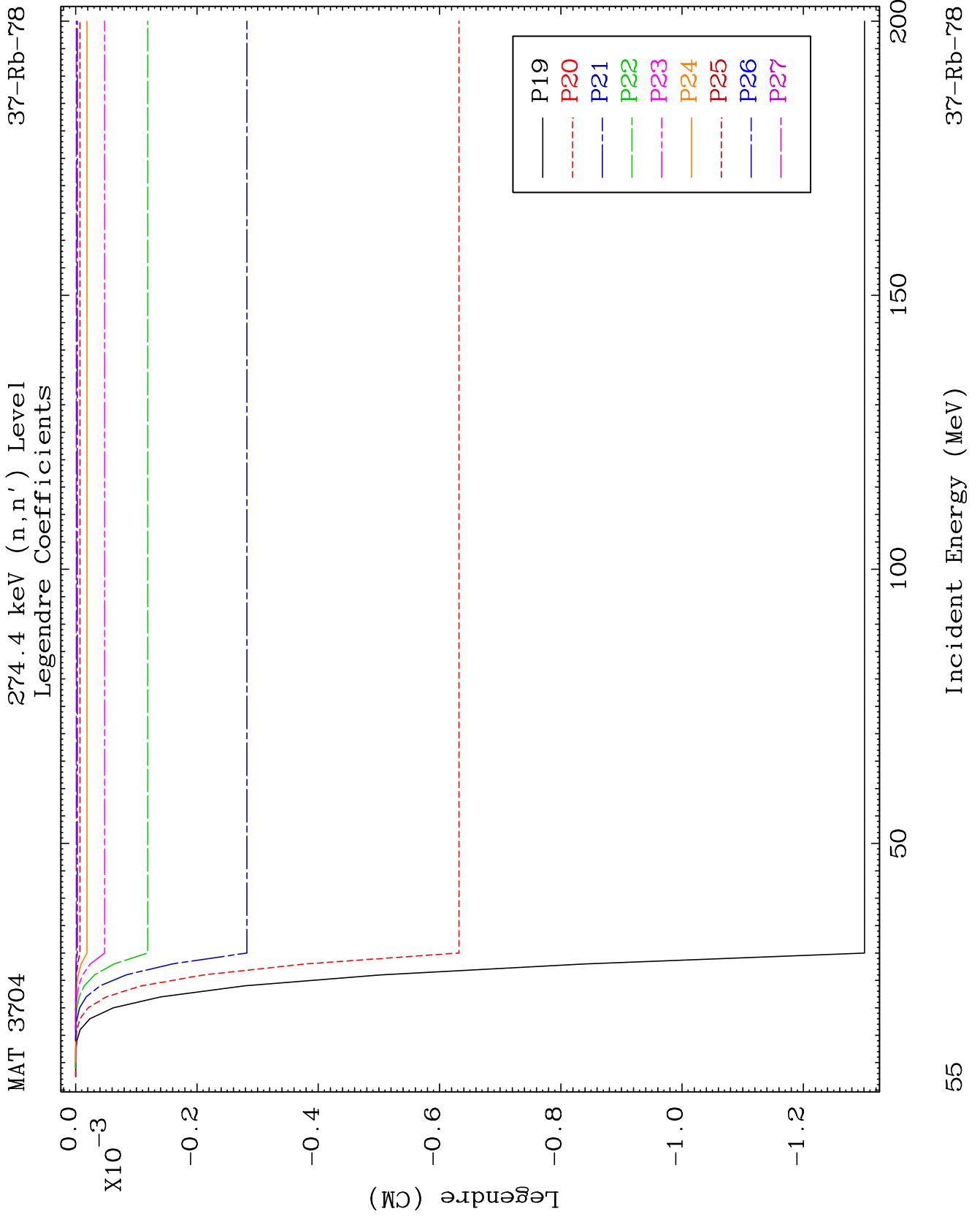


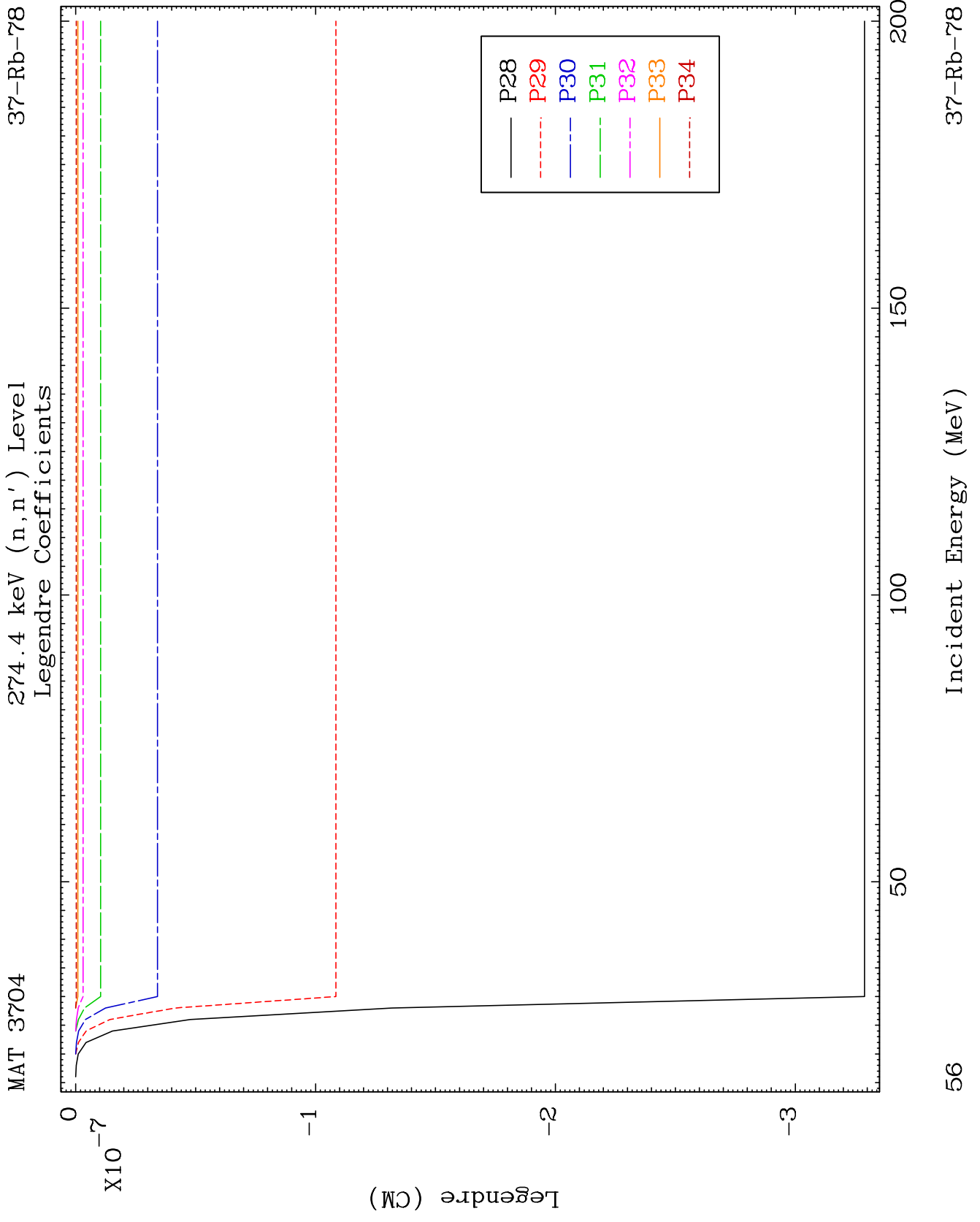
53

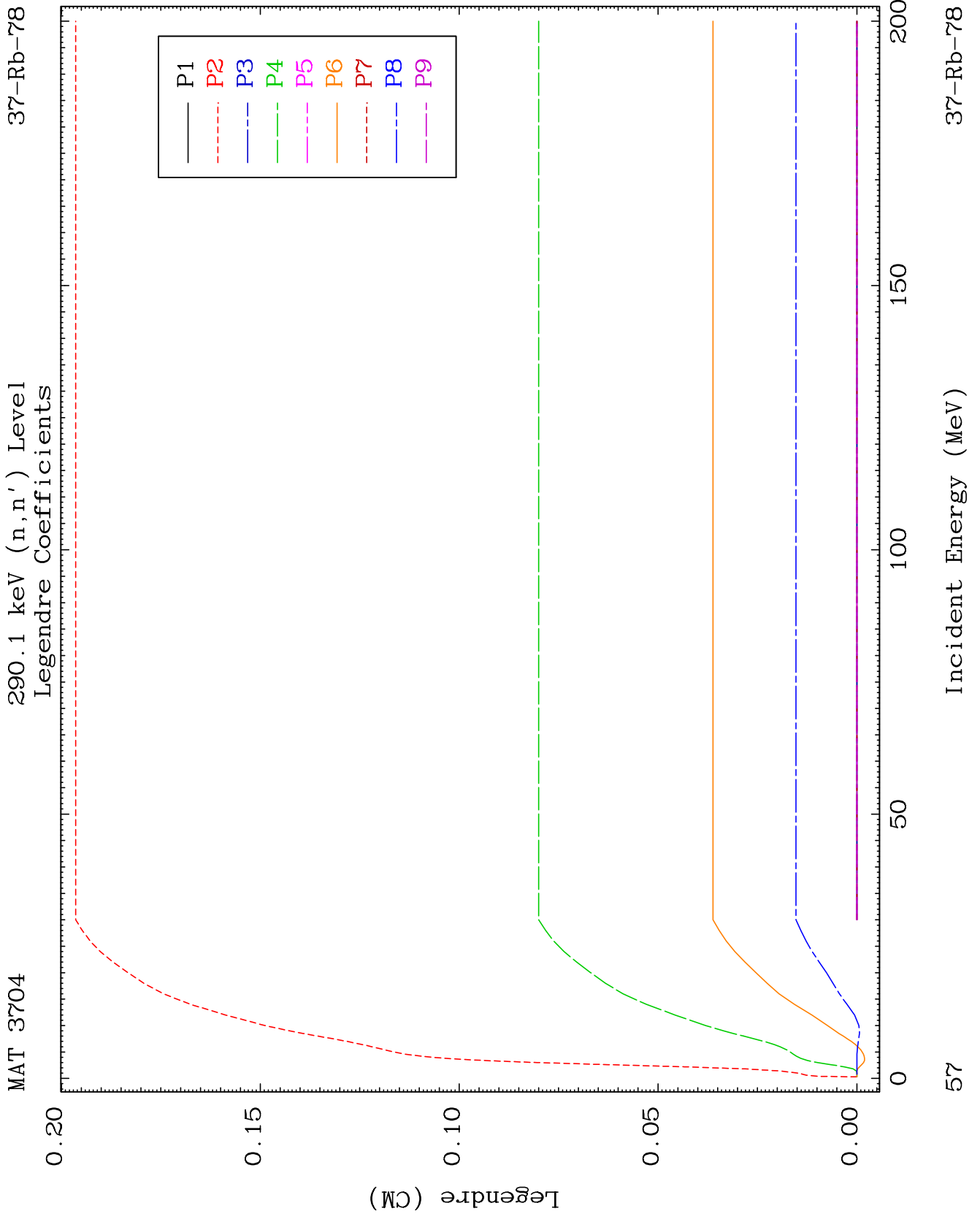
Incident Energy (MeV)

37-Rb-78





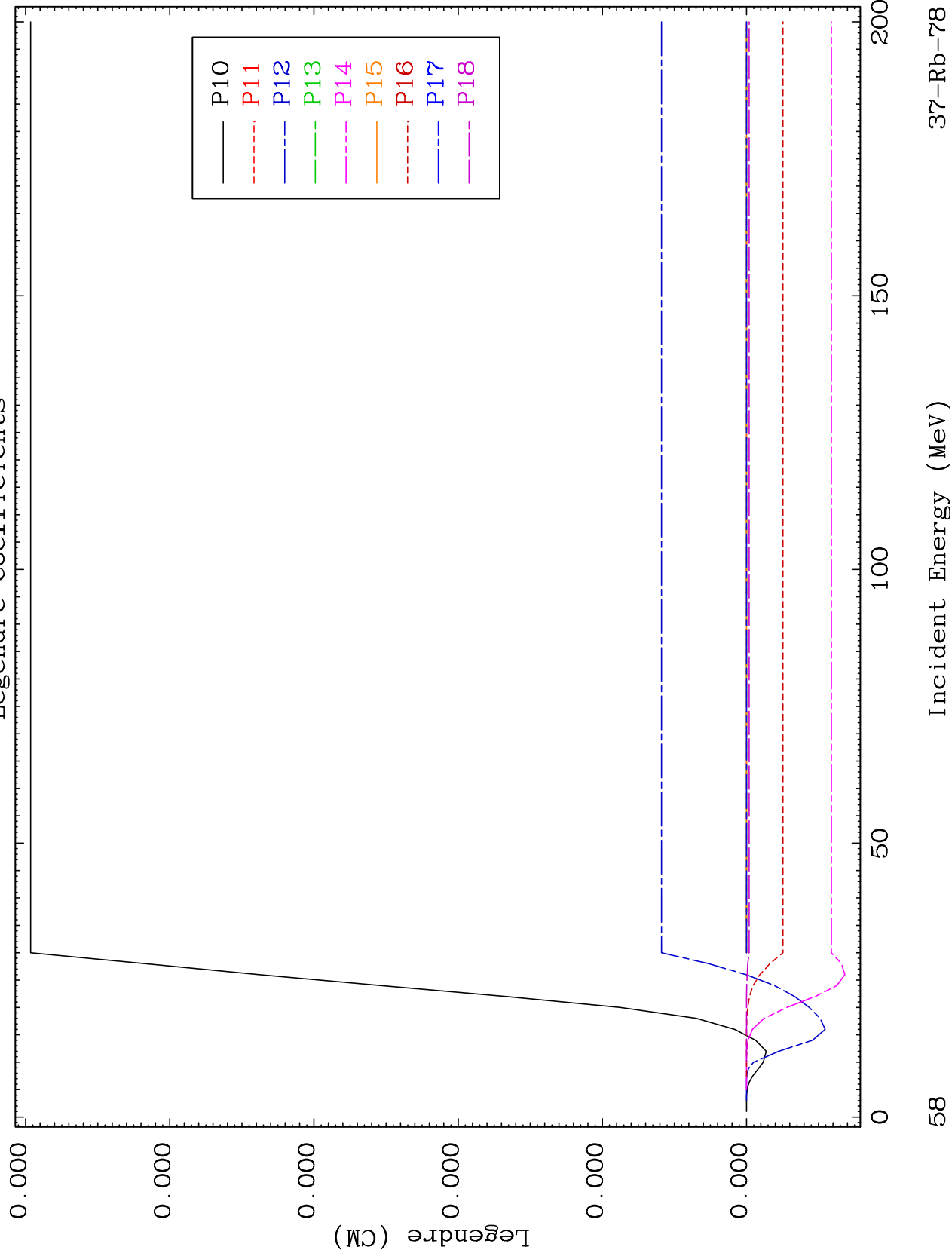




MAT 3704

290.1 keV (n,n') Level
Legendre Coefficients

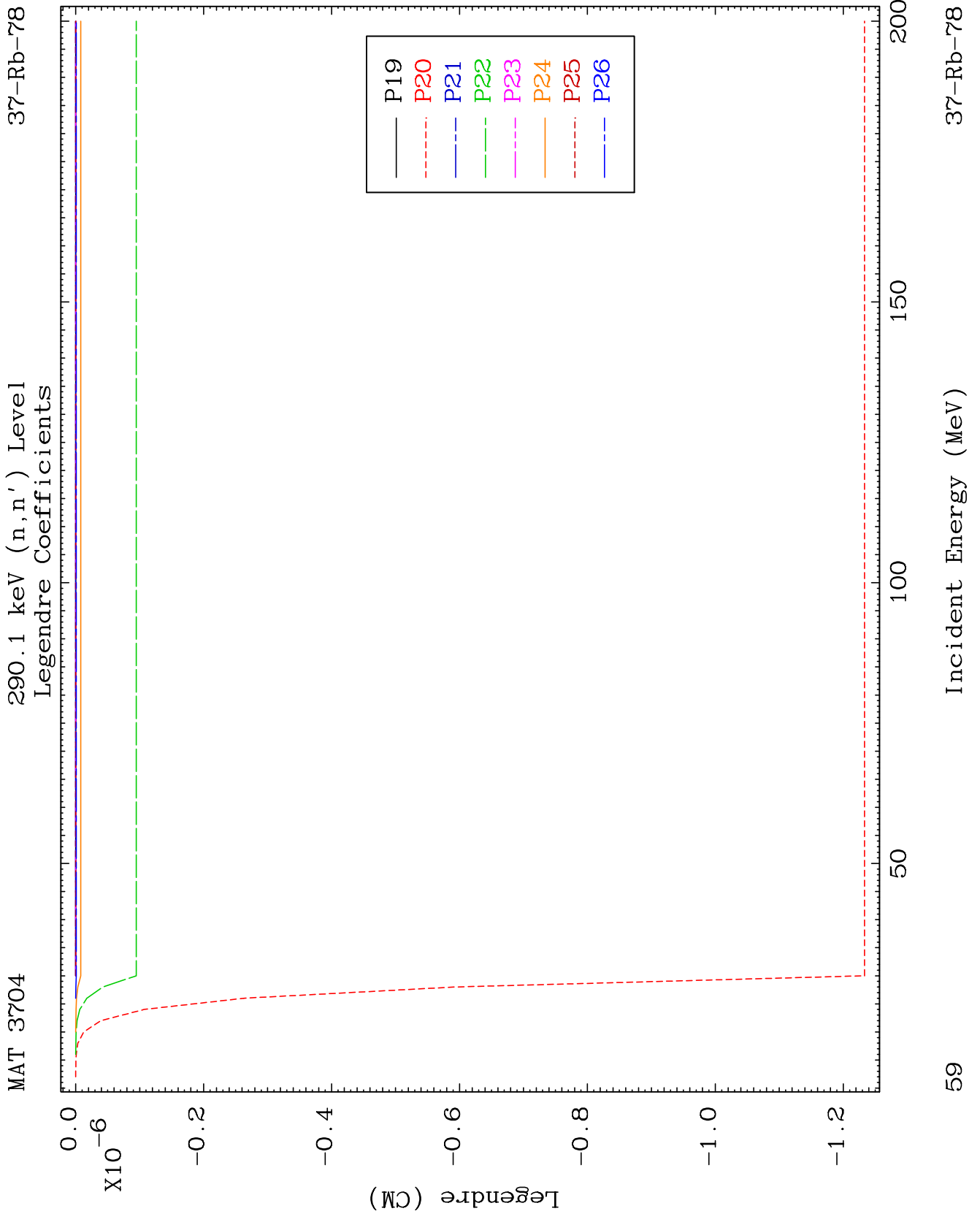
37-Rb-78

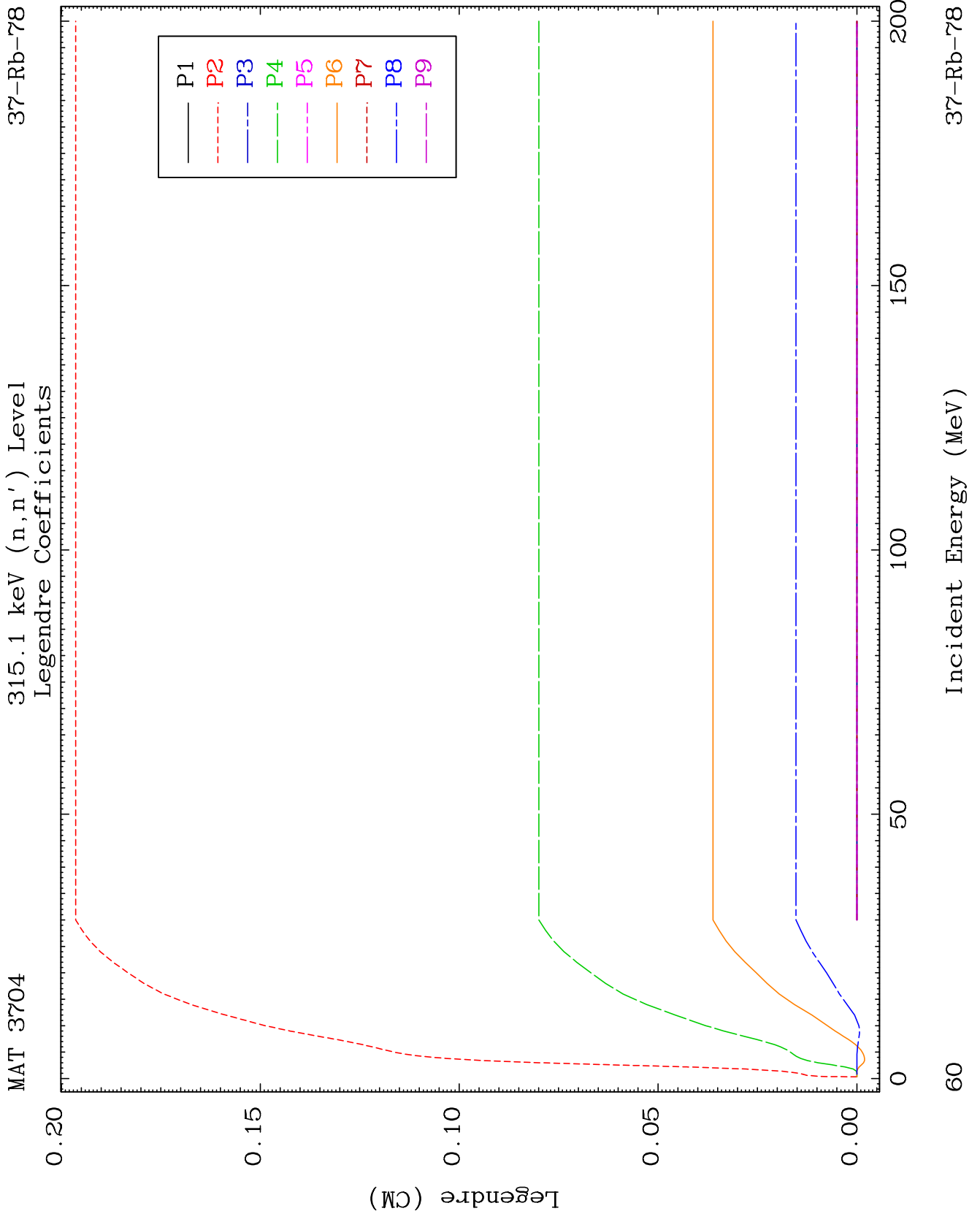


58

Incident Energy (MeV)

37-Rb-78

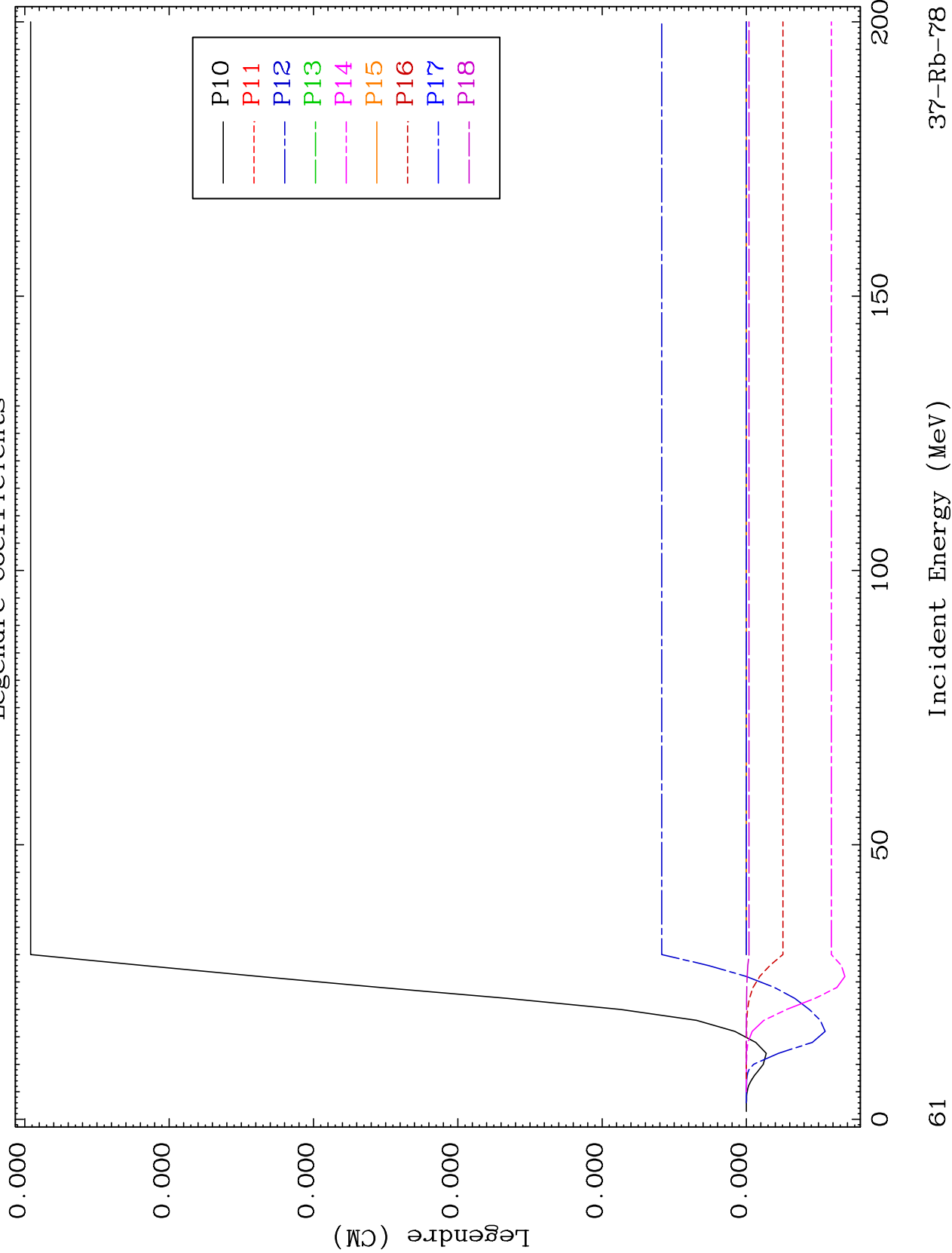




MAT 3704

315.1 keV (n,n') Level
Legendre Coefficients

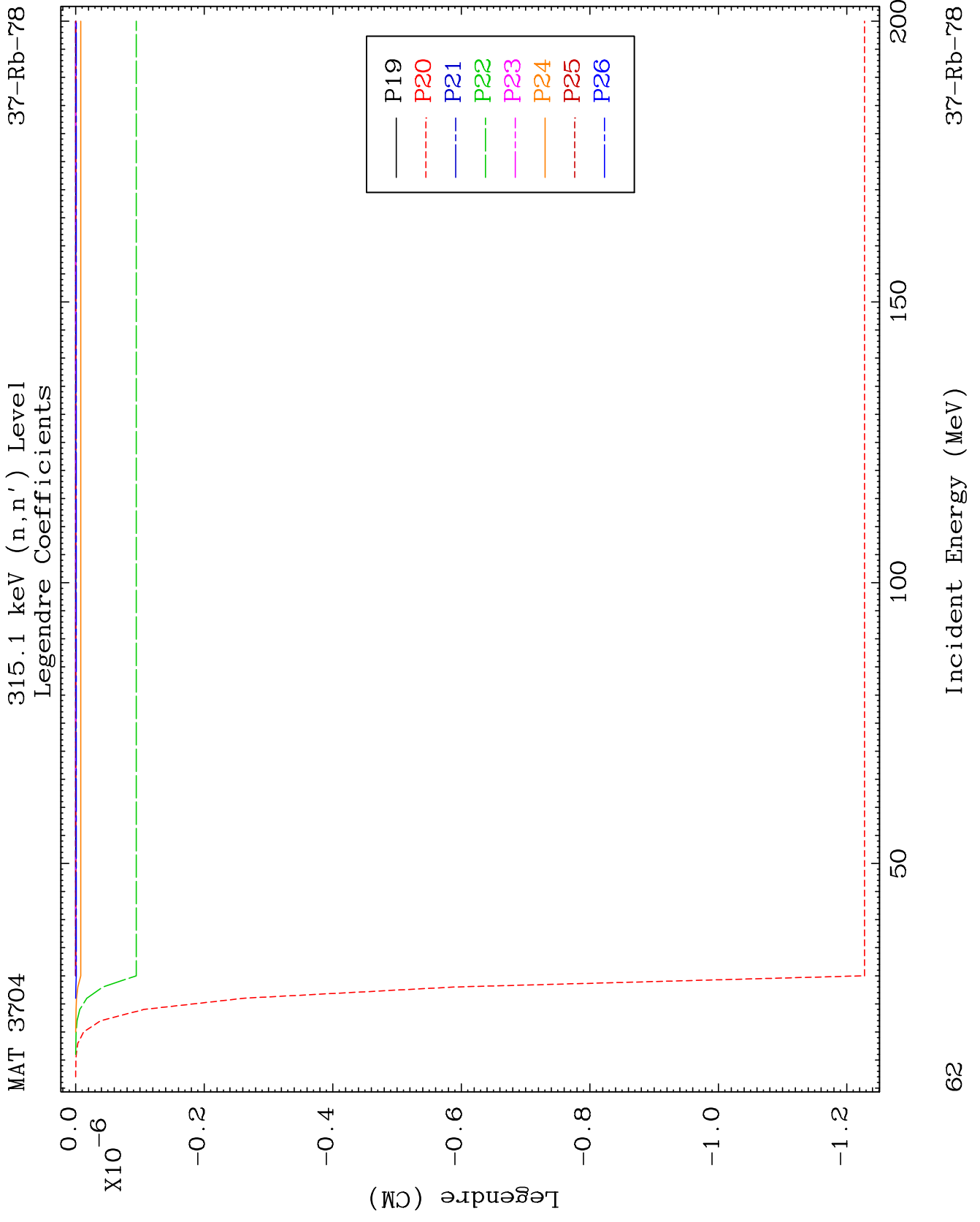
37-Rb-78



61

Incident Energy (MeV)

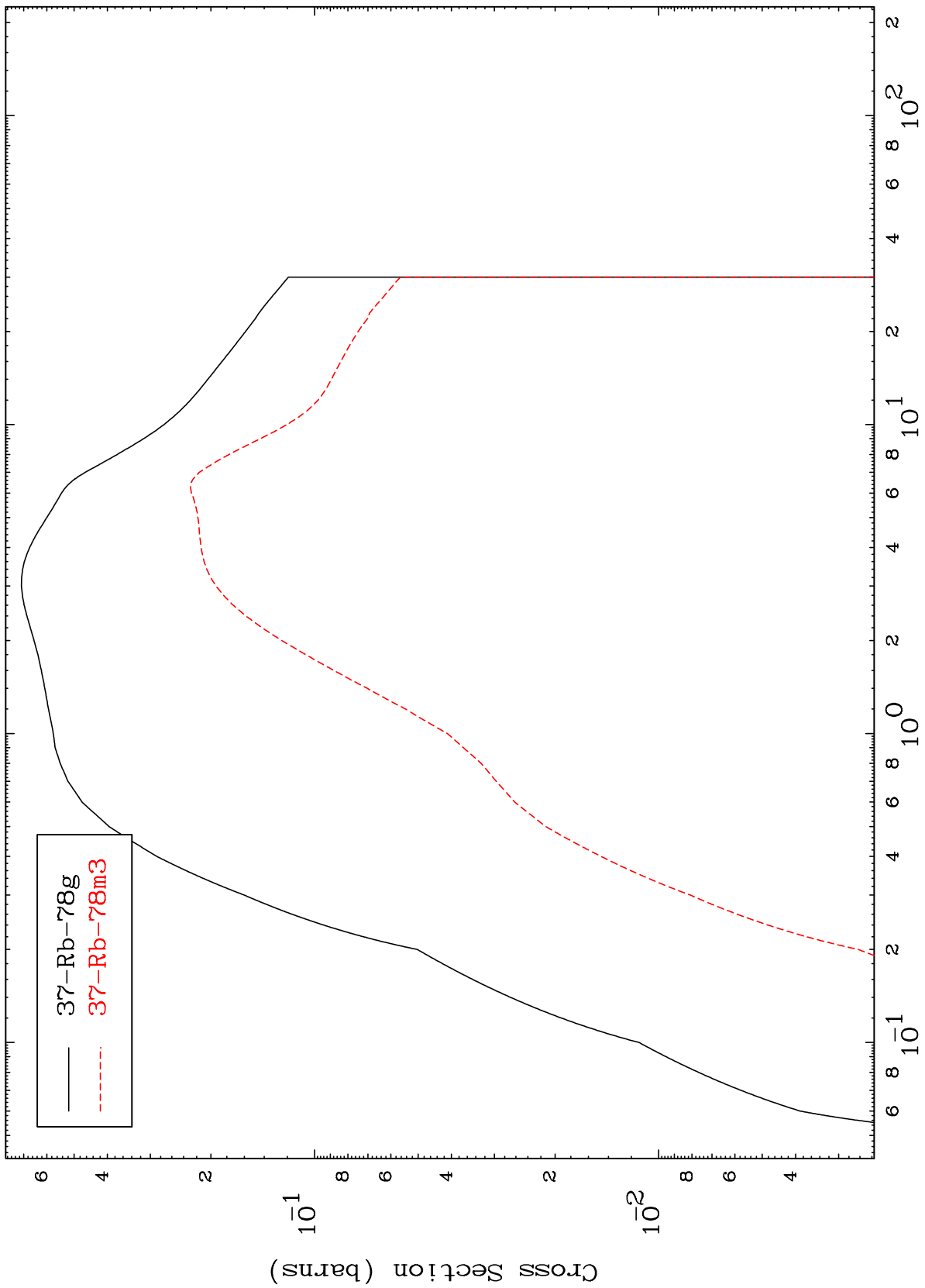
37-Rb-78



MAT 3704

37-Rb-78

Radionuclide Production Cross Section



37-Rb-78g
37-Rb-78m3

63

Incident Energy (MeV)

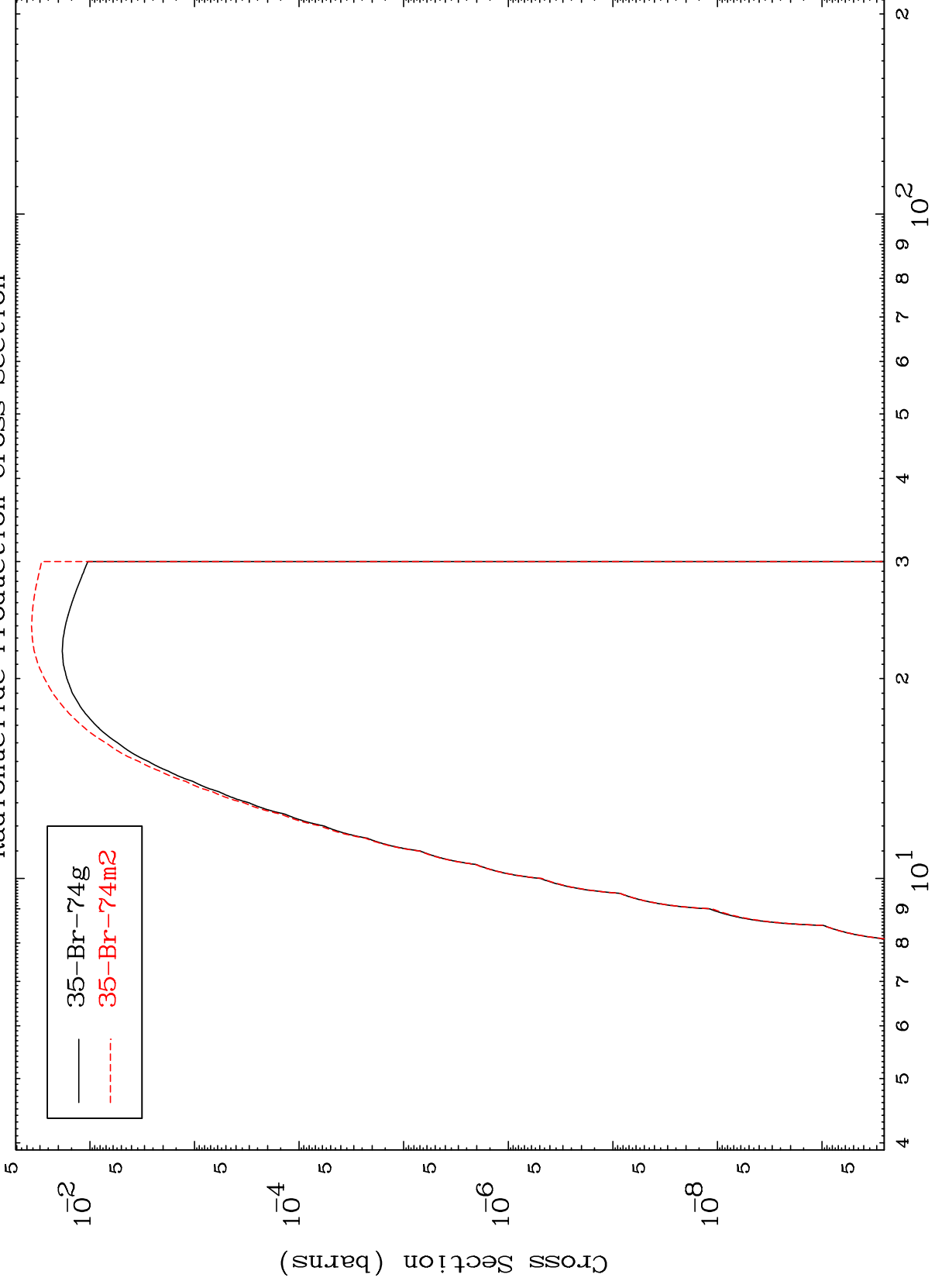
37-Rb-78

MAT 3704

37-Rb-78

(n,n') α

Radionuclide Production Cross Section



64

Incident Energy (MeV)

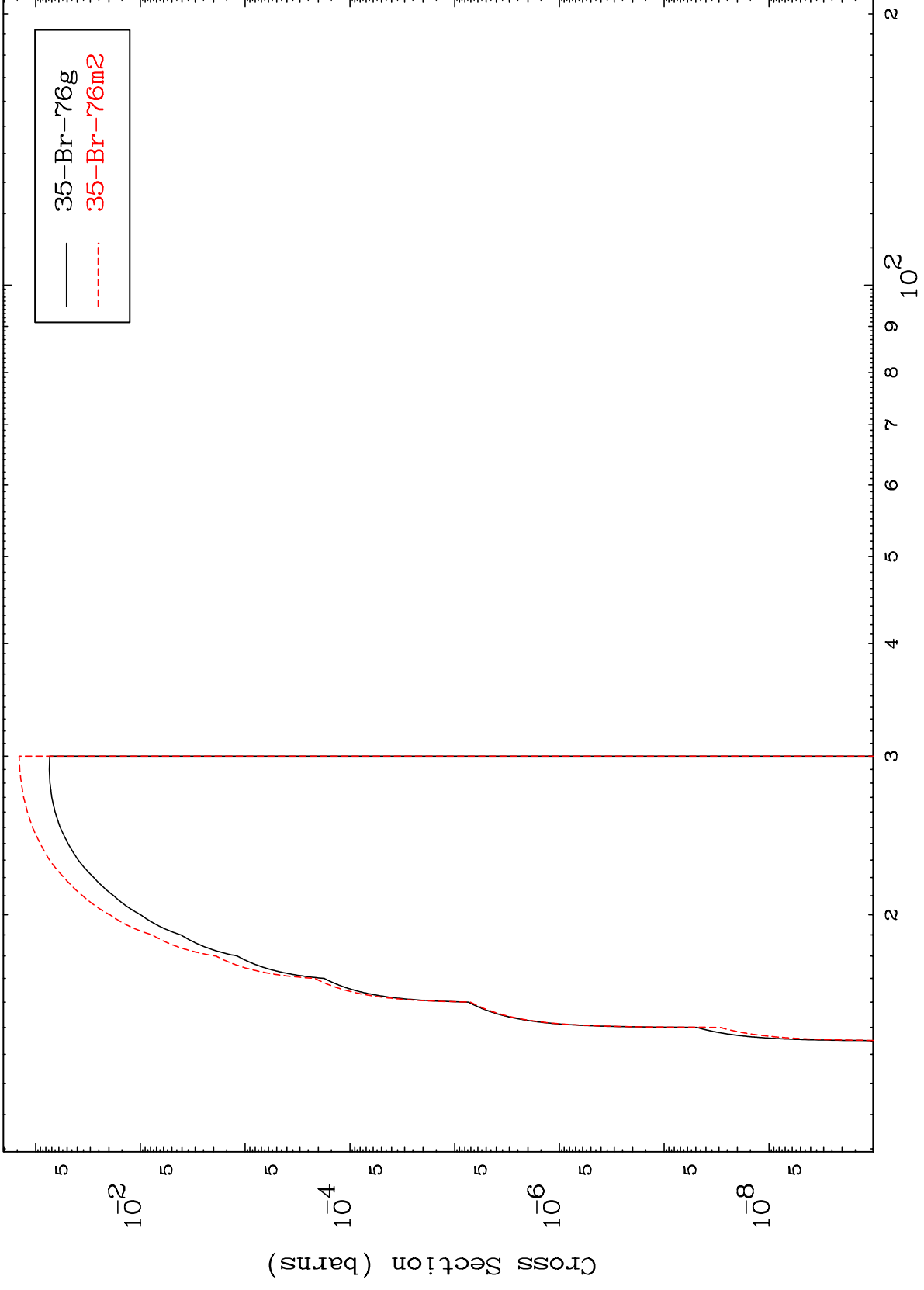
37-Rb-78

MAT 3704

(n,2n) p

37-Rb-78

Radionuclide Production Cross Section



65

Incident Energy (MeV)

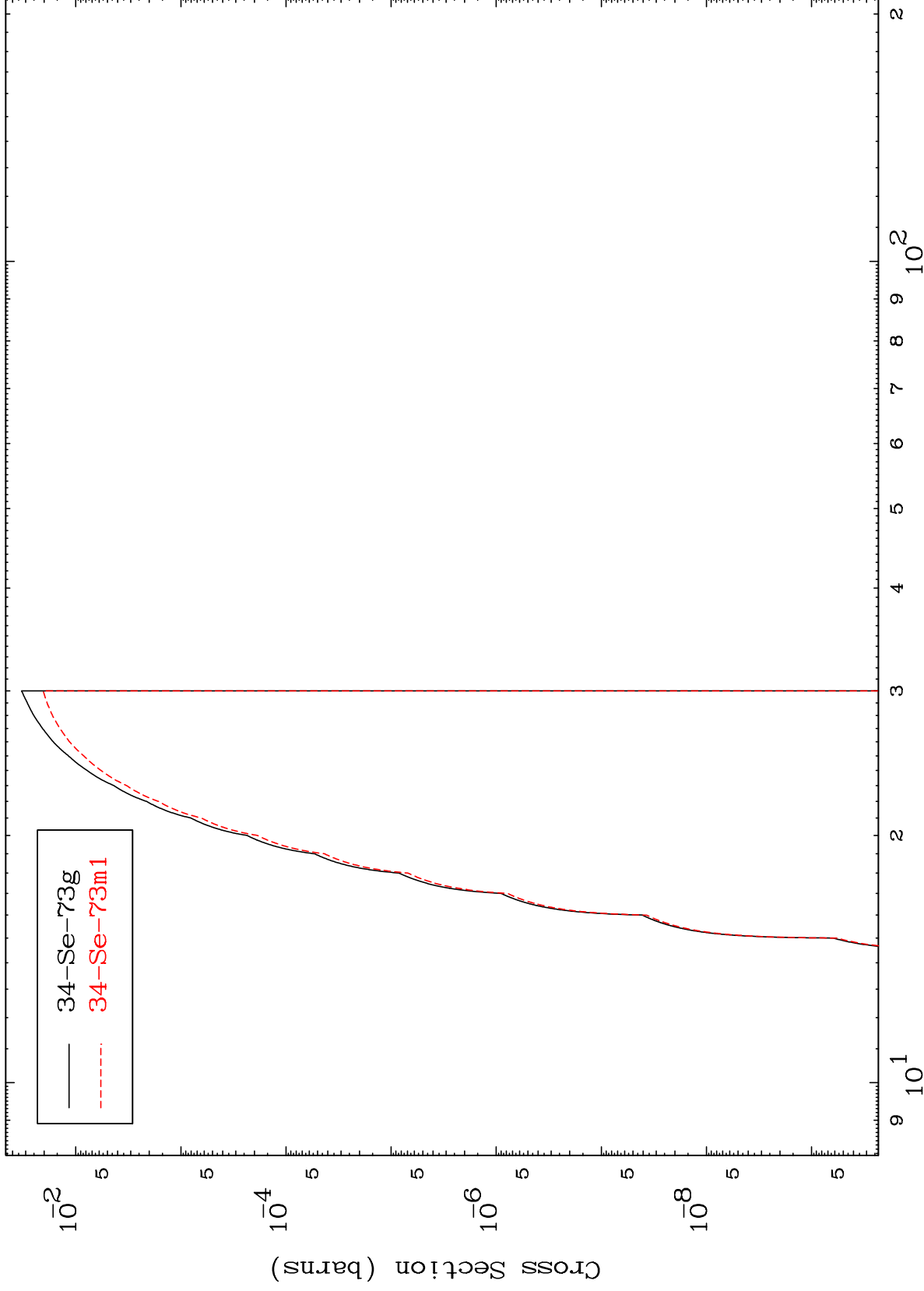
37-Rb-78

MAT 3704

(n,n') p α

37-Rb-78

Radionuclide Production Cross Section



66

Incident Energy (MeV)

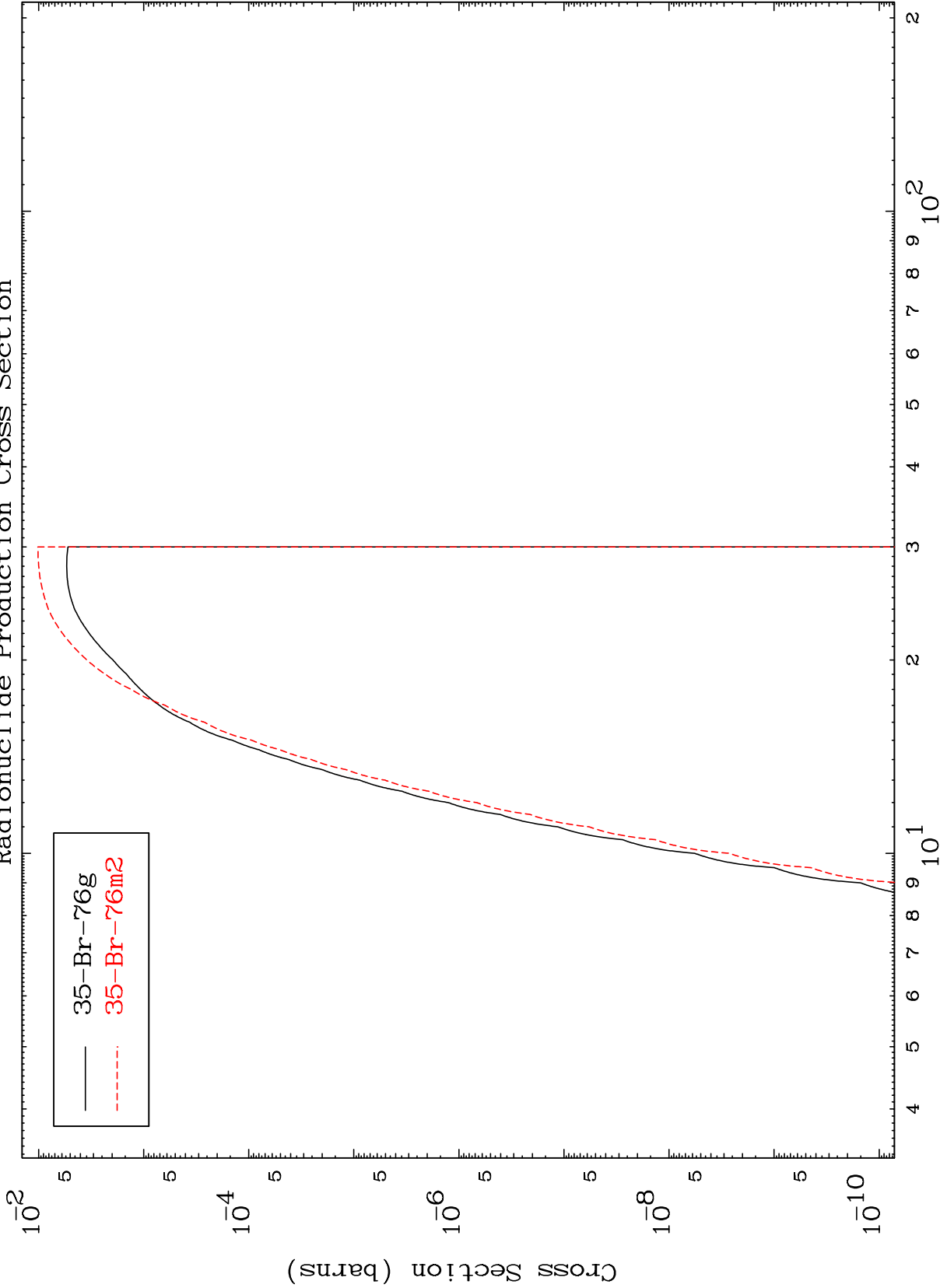
37-Rb-78

MAT 3704

(n,He-3)

37-Rb-78

Radionuclide Production Cross Section



67

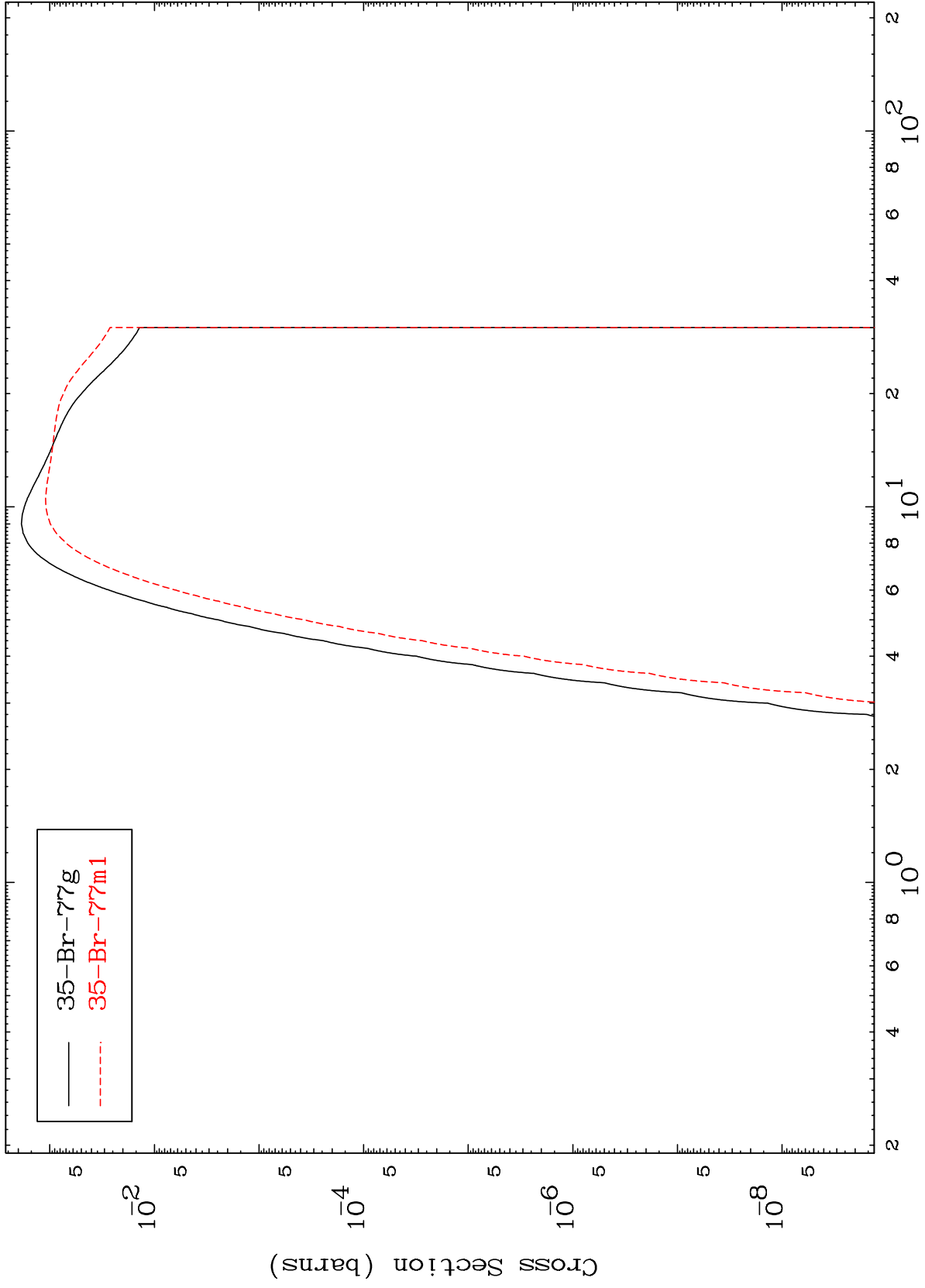
Incident Energy (MeV)

37-Rb-78

MAT 3704

37-Rb-78

(n,2p)
Radionuclide Production Cross Section



68

37-Rb-78

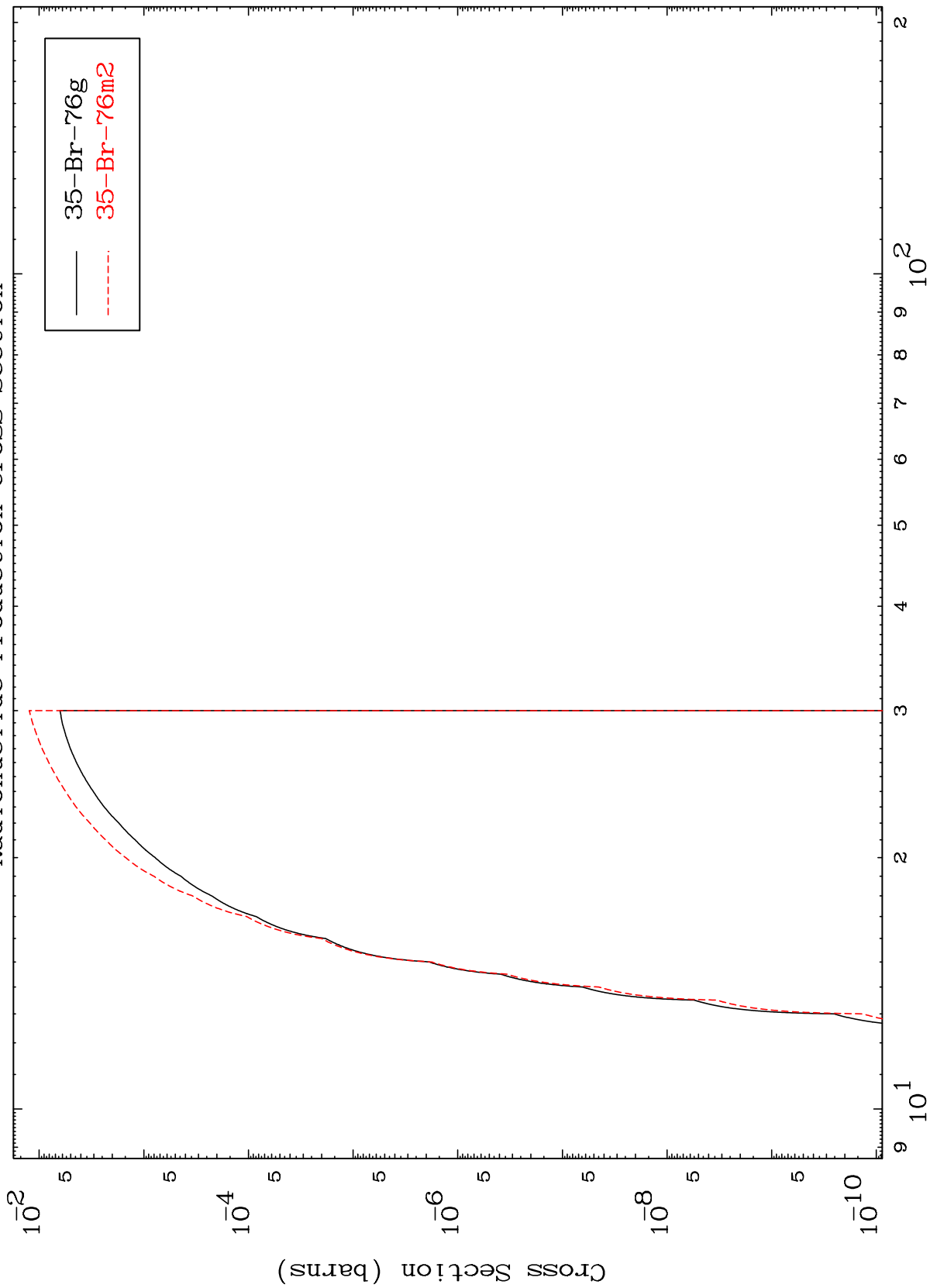
Incident Energy (MeV)

MAT 3704

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-78

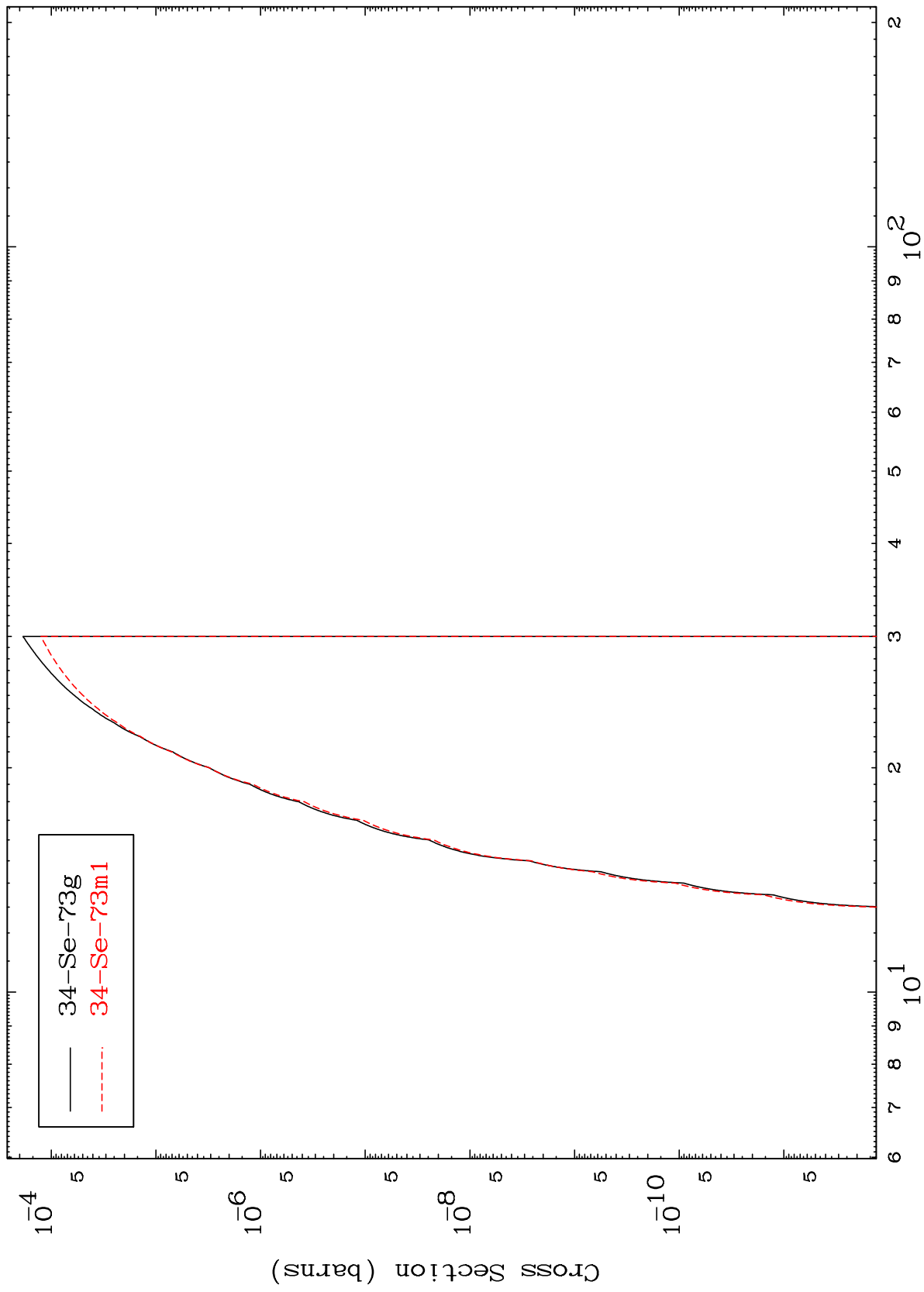
69

MAT 3704

37-Rb-78

(n,d) α

Radionuclide Production Cross Section



70

Incident Energy (MeV)

37-Rb-78