

Program EVALPLOT
(Version 2015-2)

by

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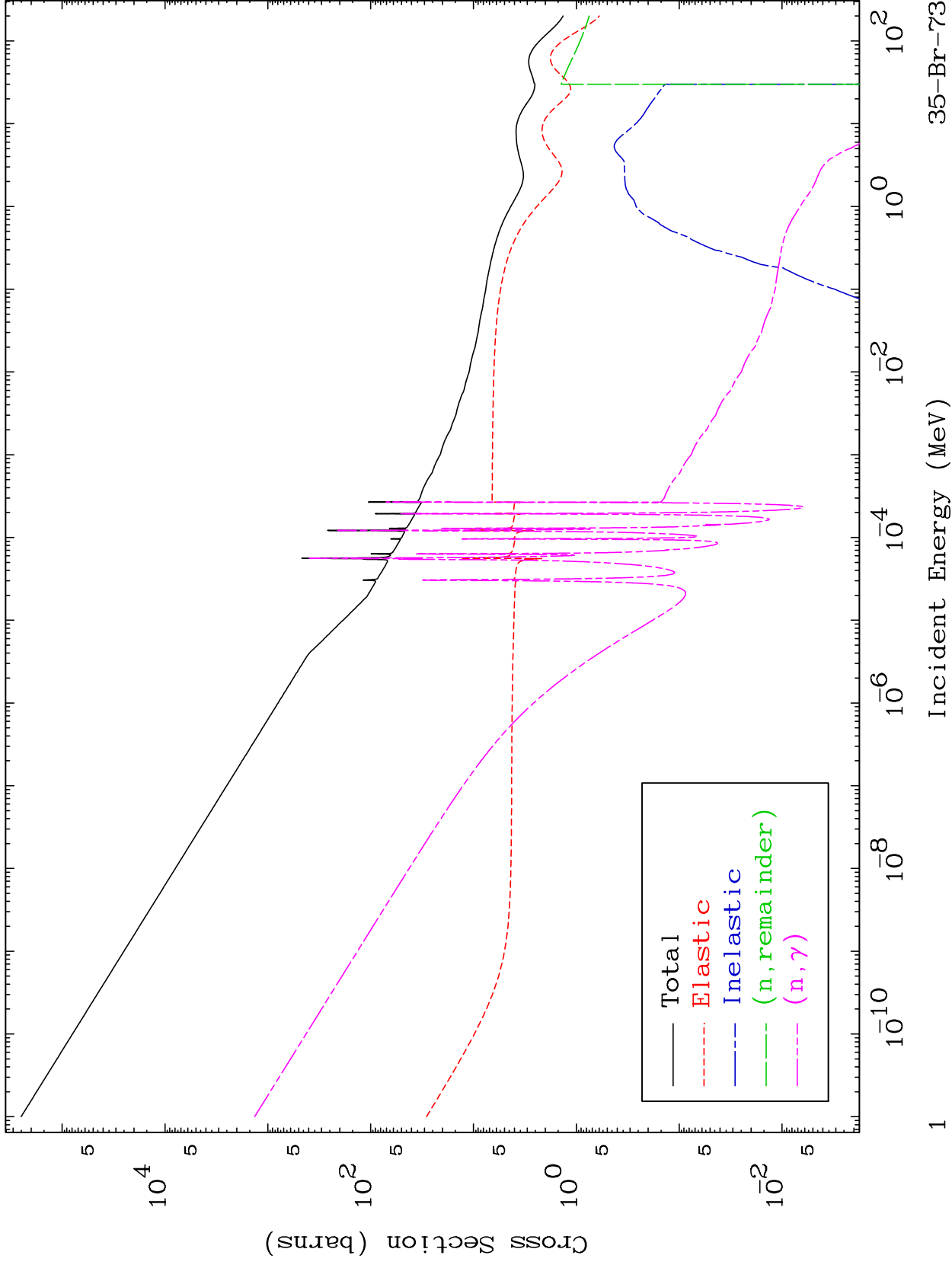
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3507

Major
293 Kelvin Cross Sections

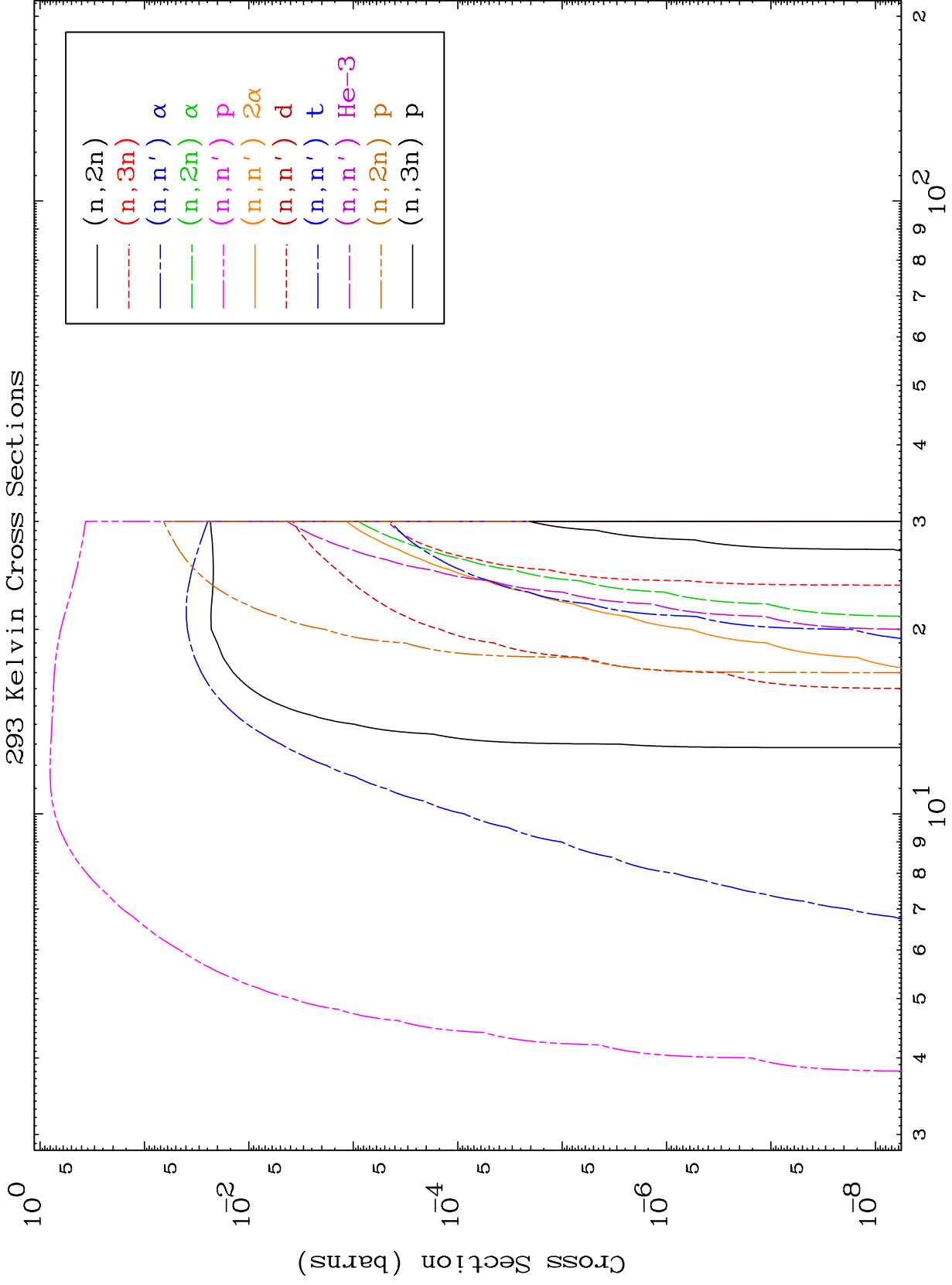
35-Br-73



MAT 3507

Neutron Production
293 Kelvin Cross Sections

35-Br-73



2

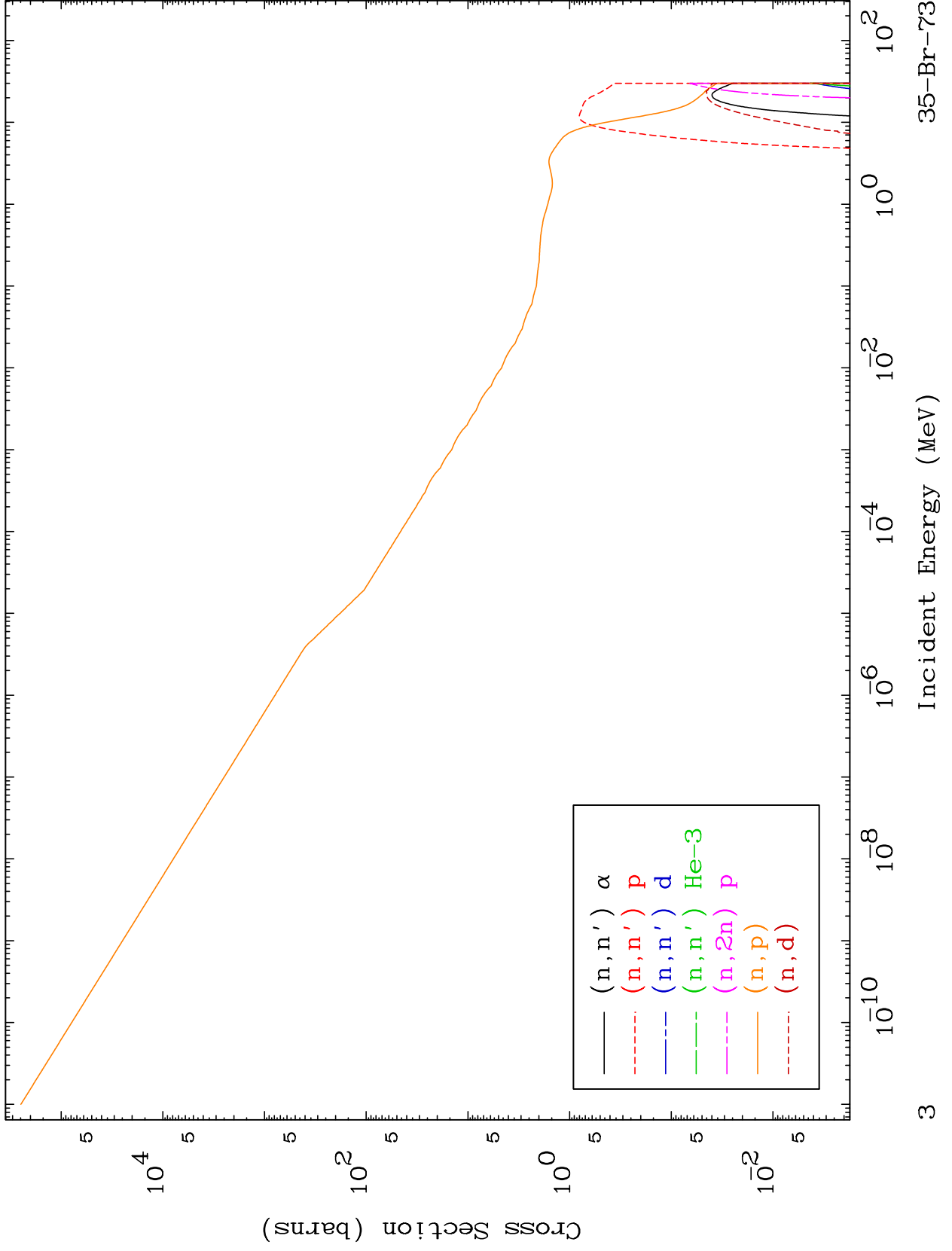
Incident Energy (MeV)

35-Br-73

MAT 3507

Charged Particle
293 Kelvin Cross Sections

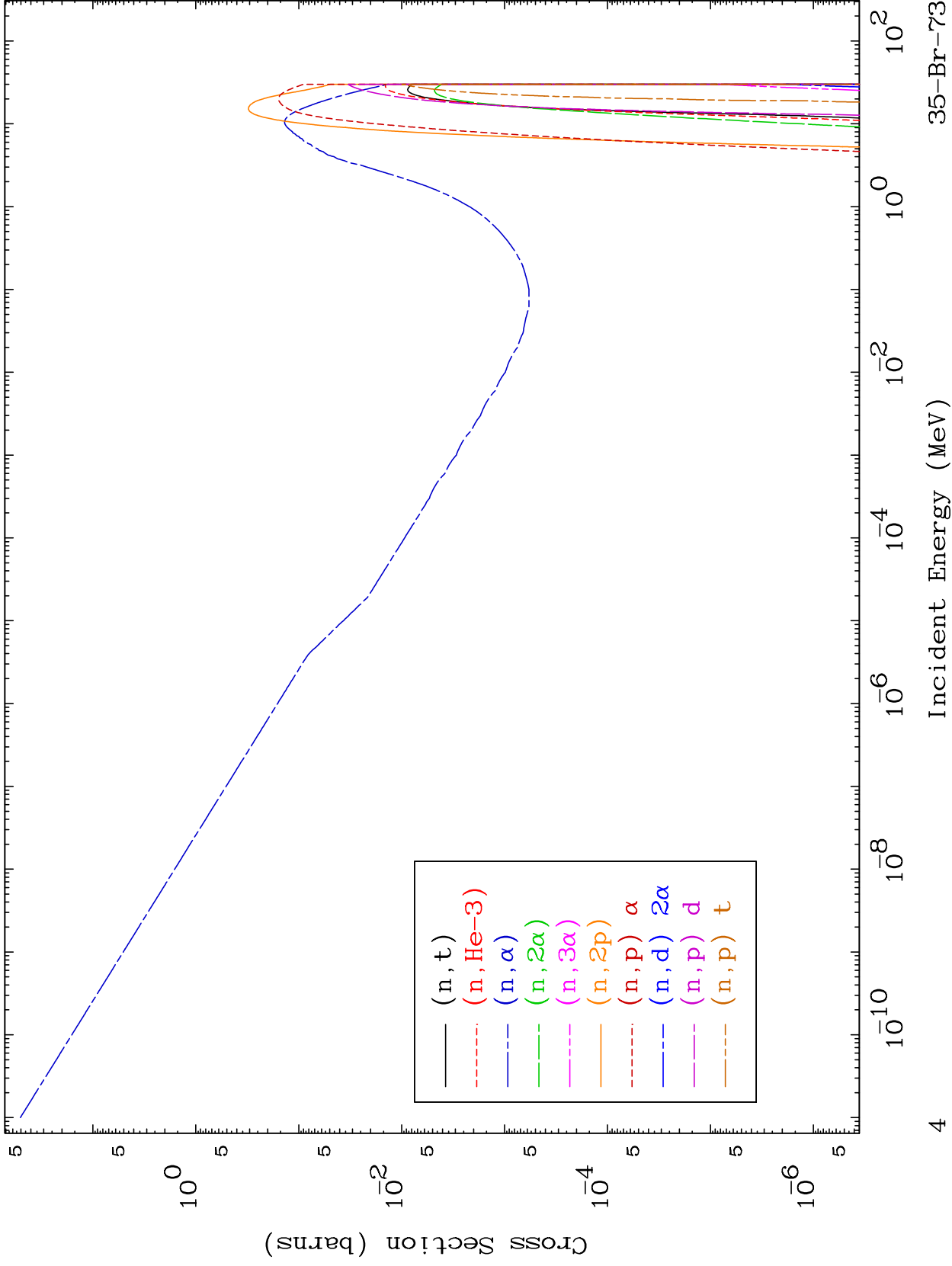
35-Br-73



MAT 3507

Charged Particle
293 Kelvin Cross Sections

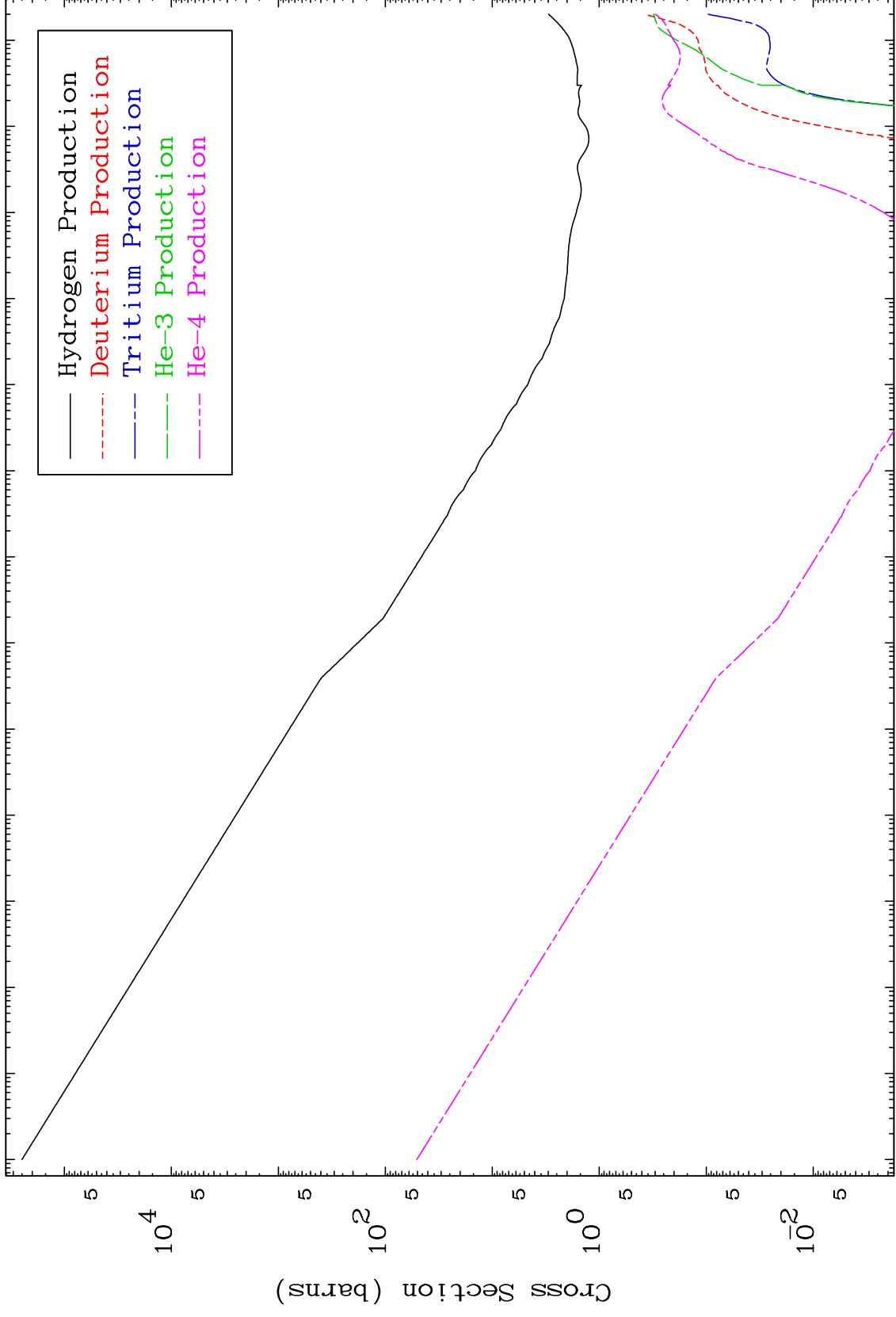
35-Br-73



MAT 3507

Particle Production
293 Kelvin Cross Sections

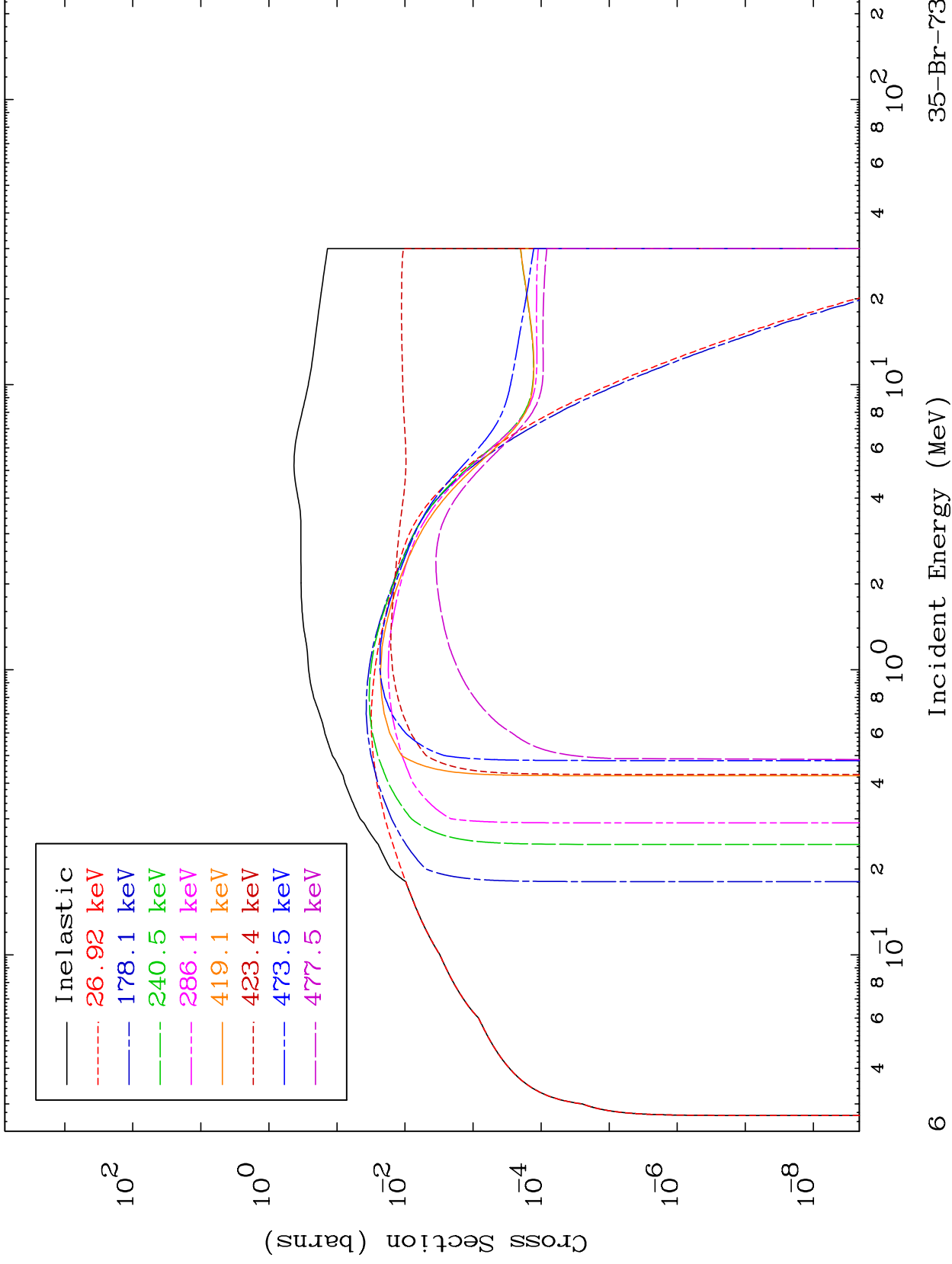
35-Br-73



MAT 3507

(n,n') Level
293 Kelvin Cross Sections

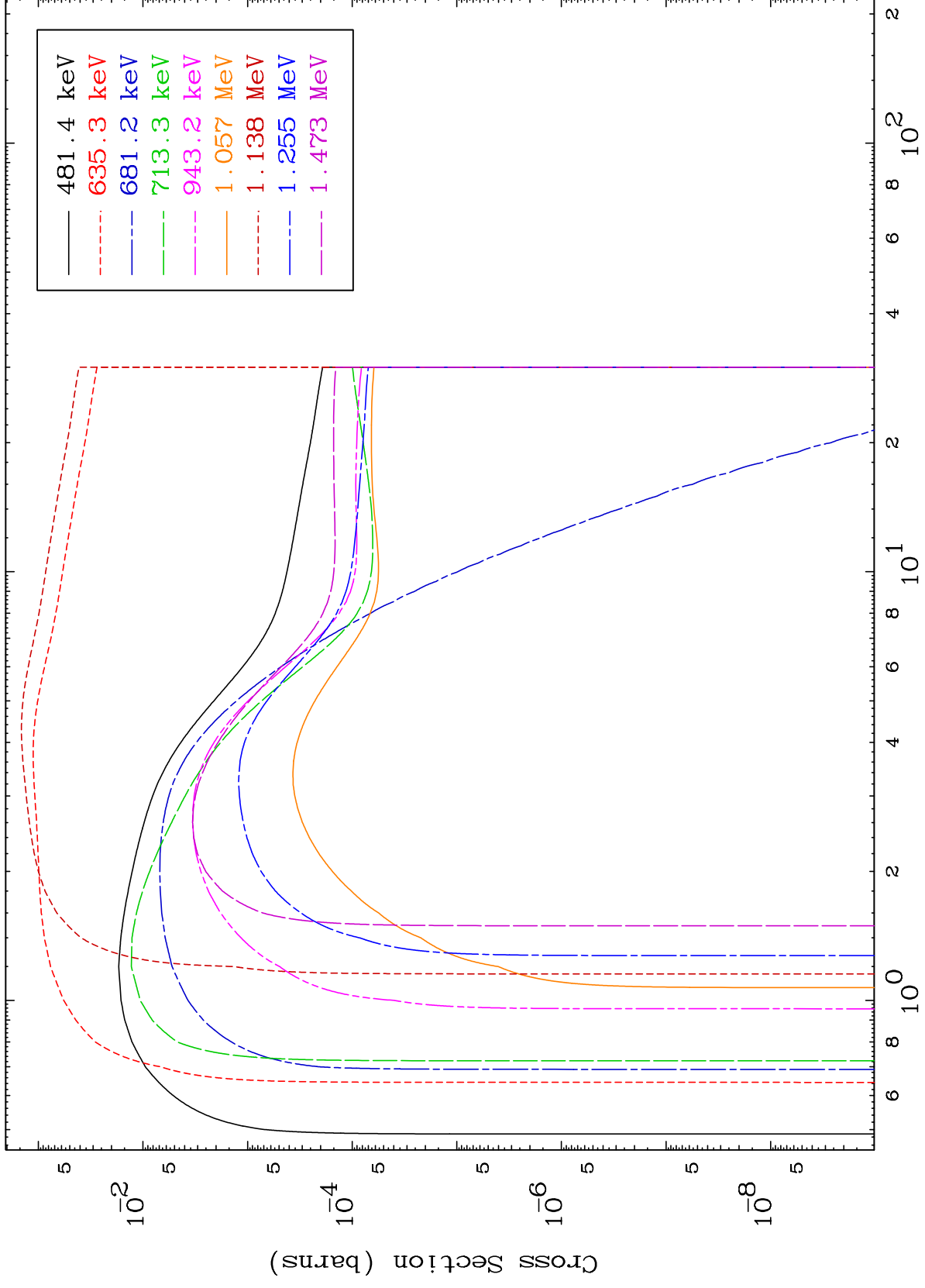
35-Br-73



MAT 3507

(n,n') Level
293 Kelvin Cross Sections

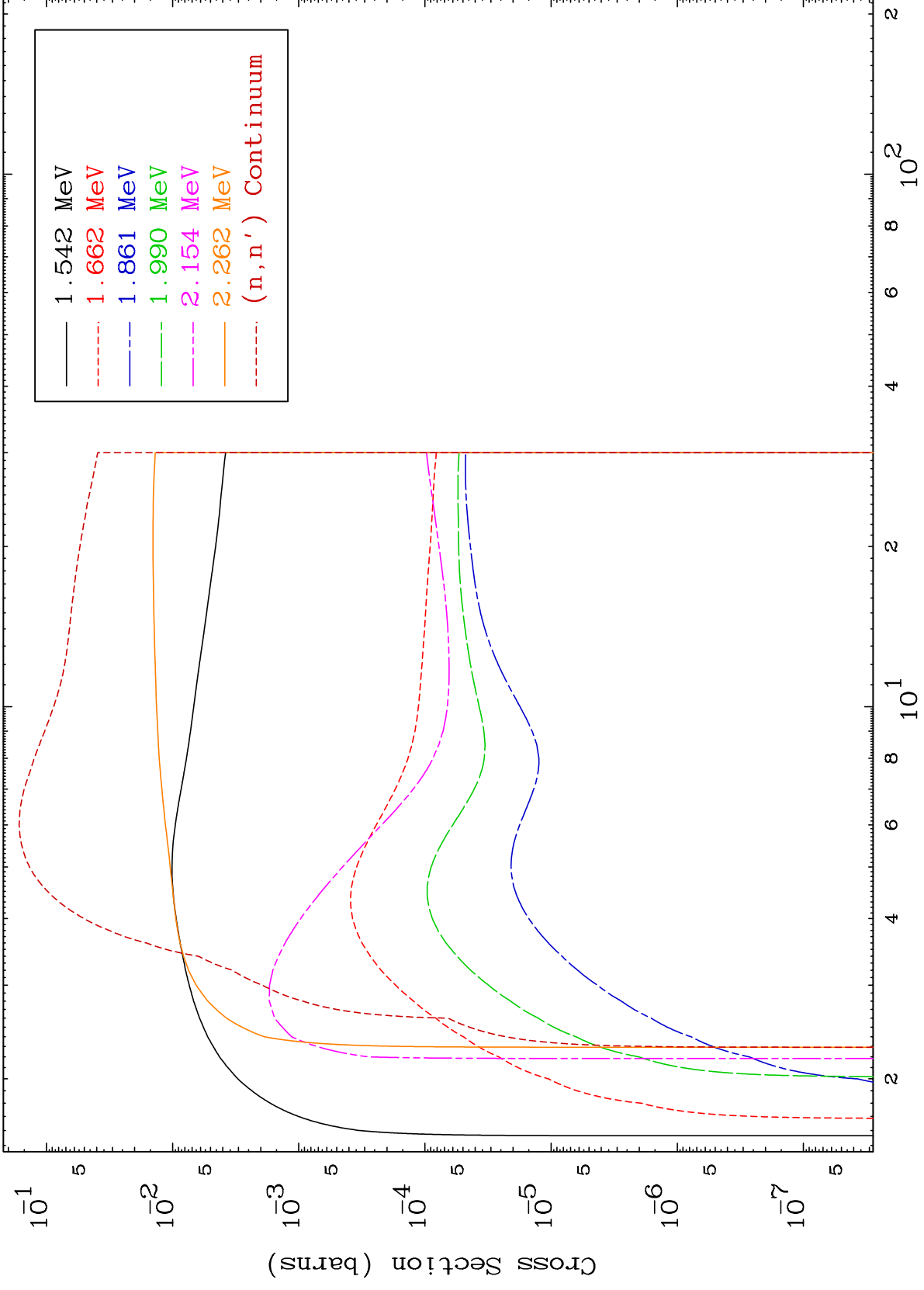
35-Br-73



7

Incident Energy (MeV)

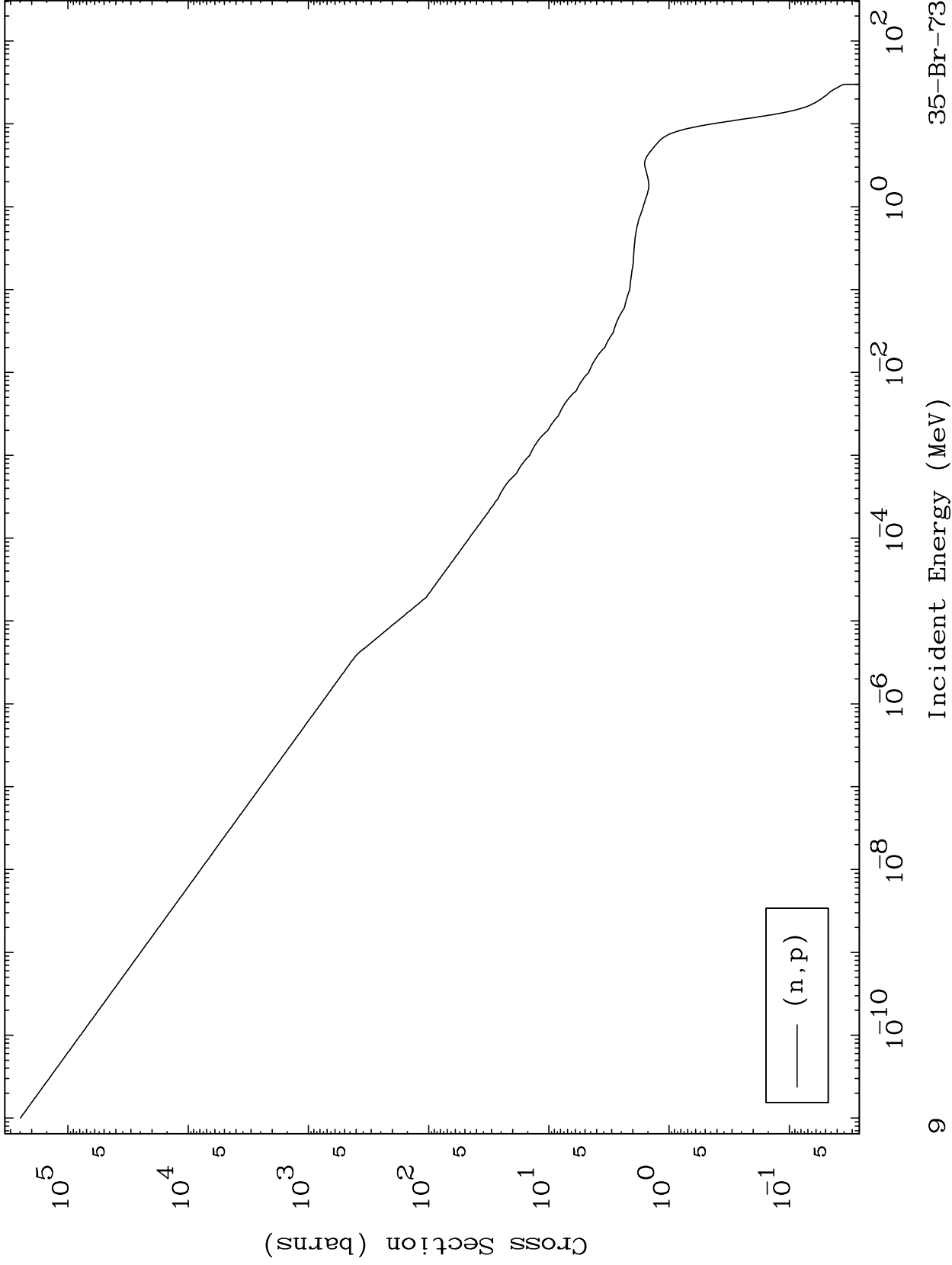
35-Br-73



MAT 3507

(n,p) Levels
293 Kelvin Cross Sections

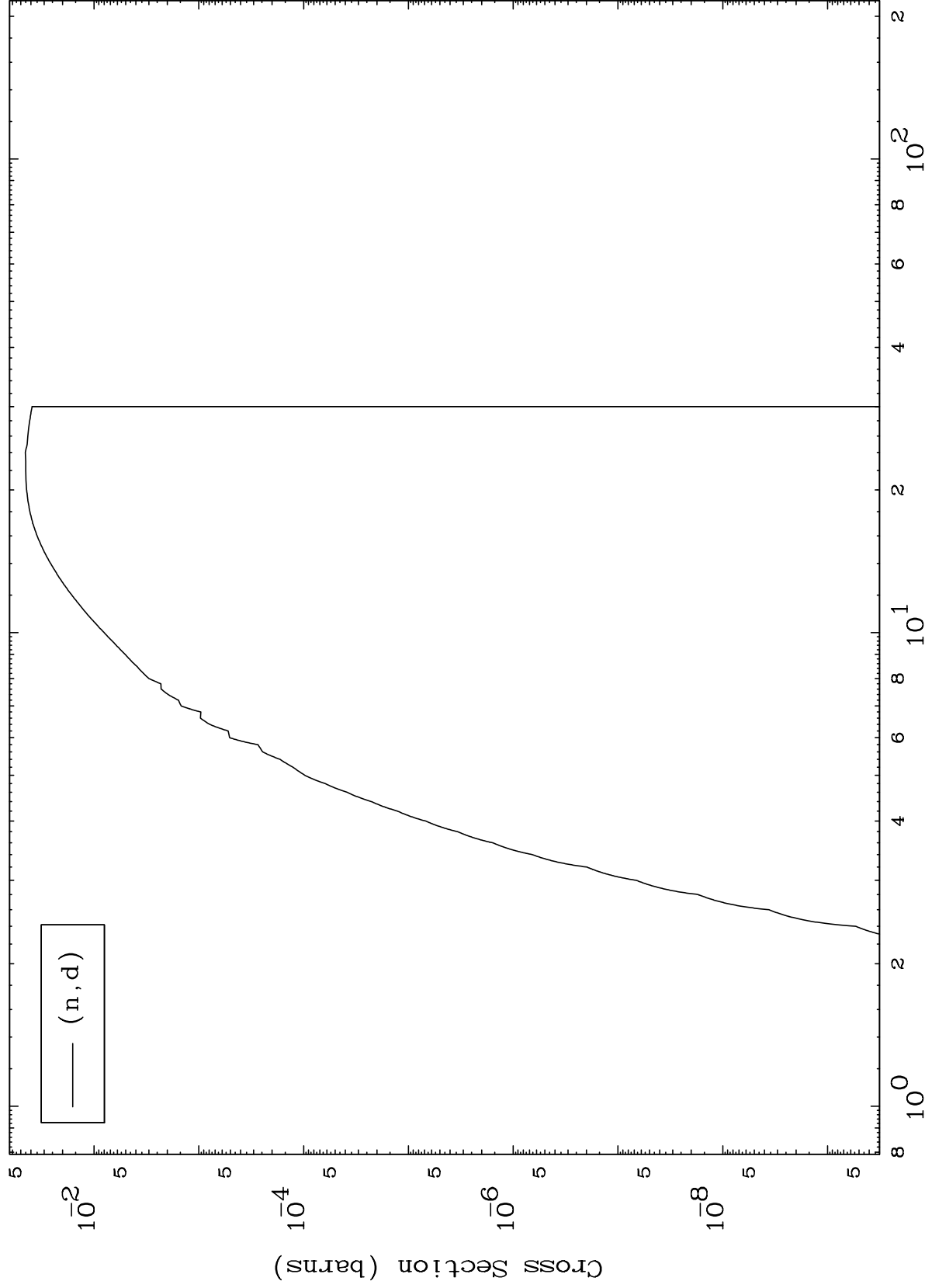
35-Br-73



MAT 3507

(n,d) Levels
293 Kelvin Cross Sections

35-Br-73



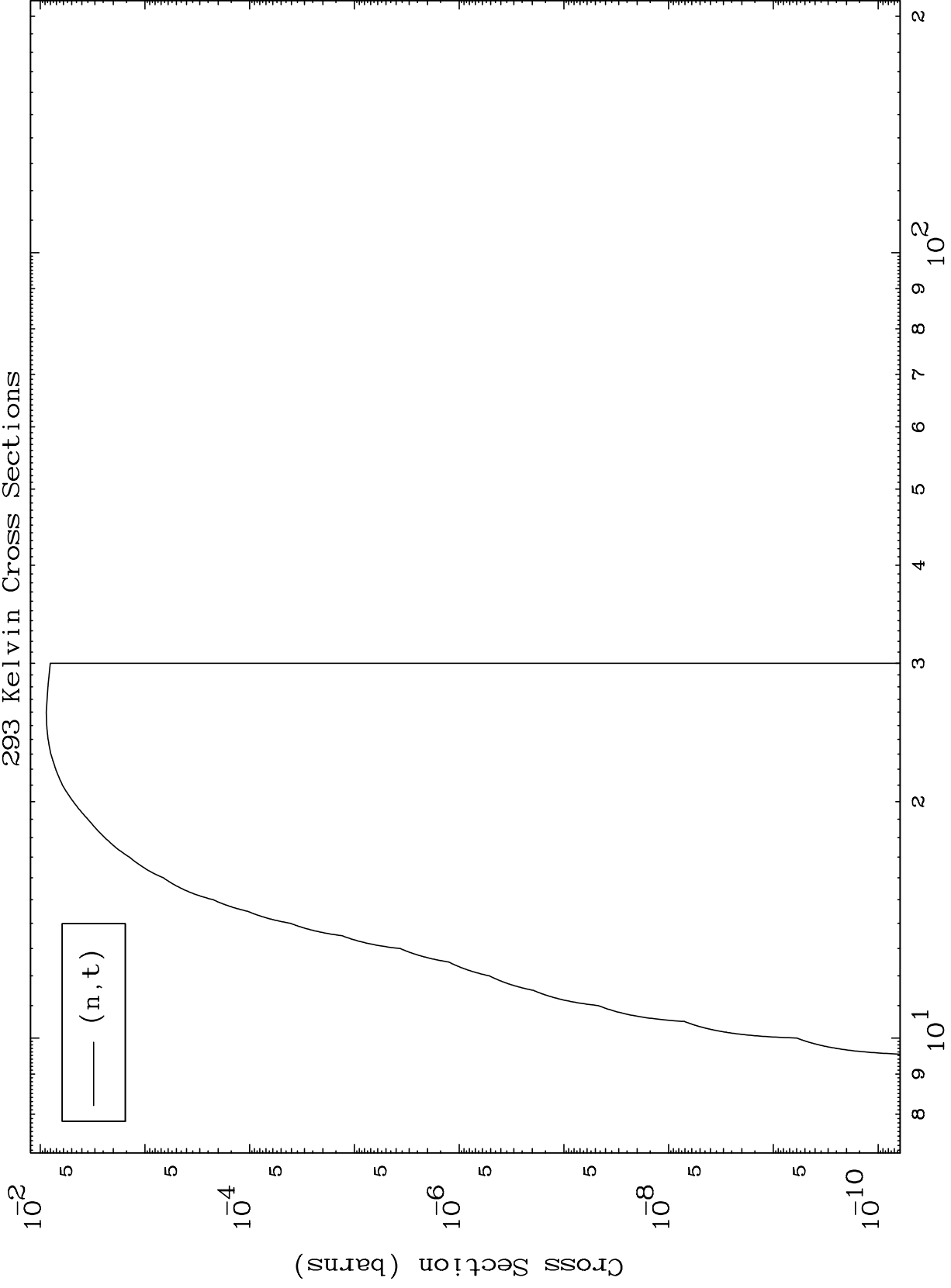
Incident Energy (MeV)

35-Br-73

MAT 3507

(n,t) Levels
293 Kelvin Cross Sections

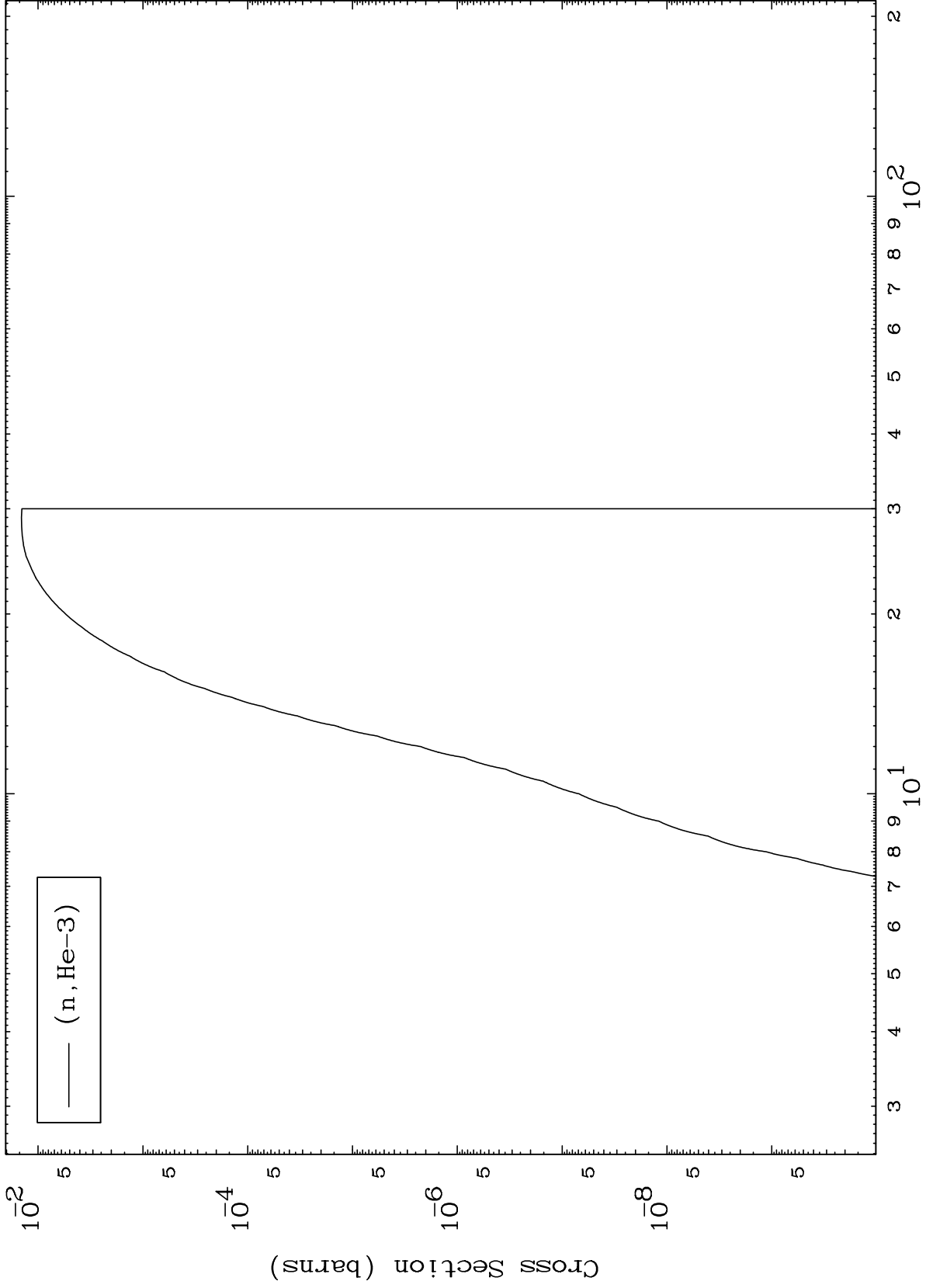
35-Br-73



MAT 3507

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-73



12

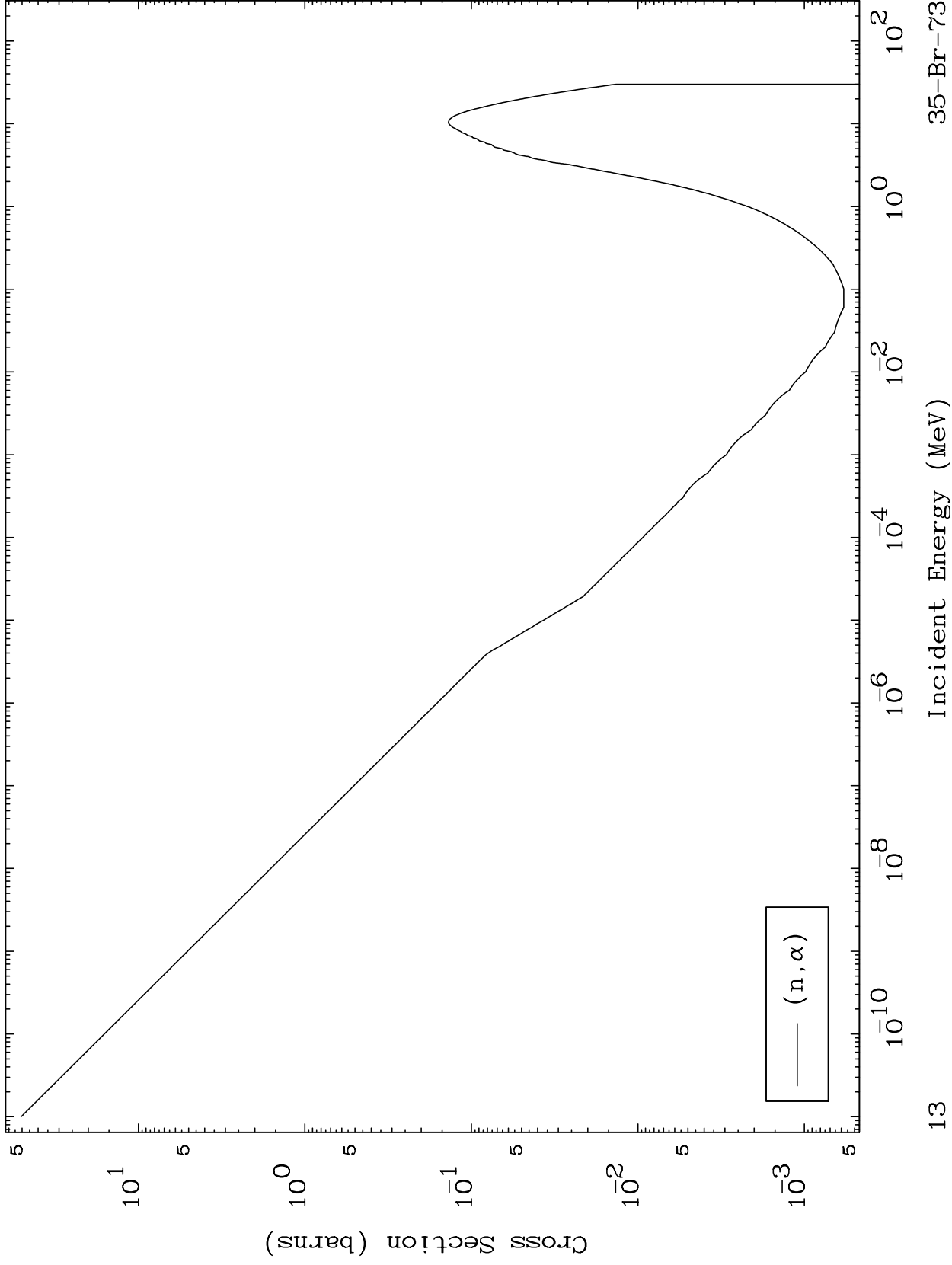
Incident Energy (MeV)

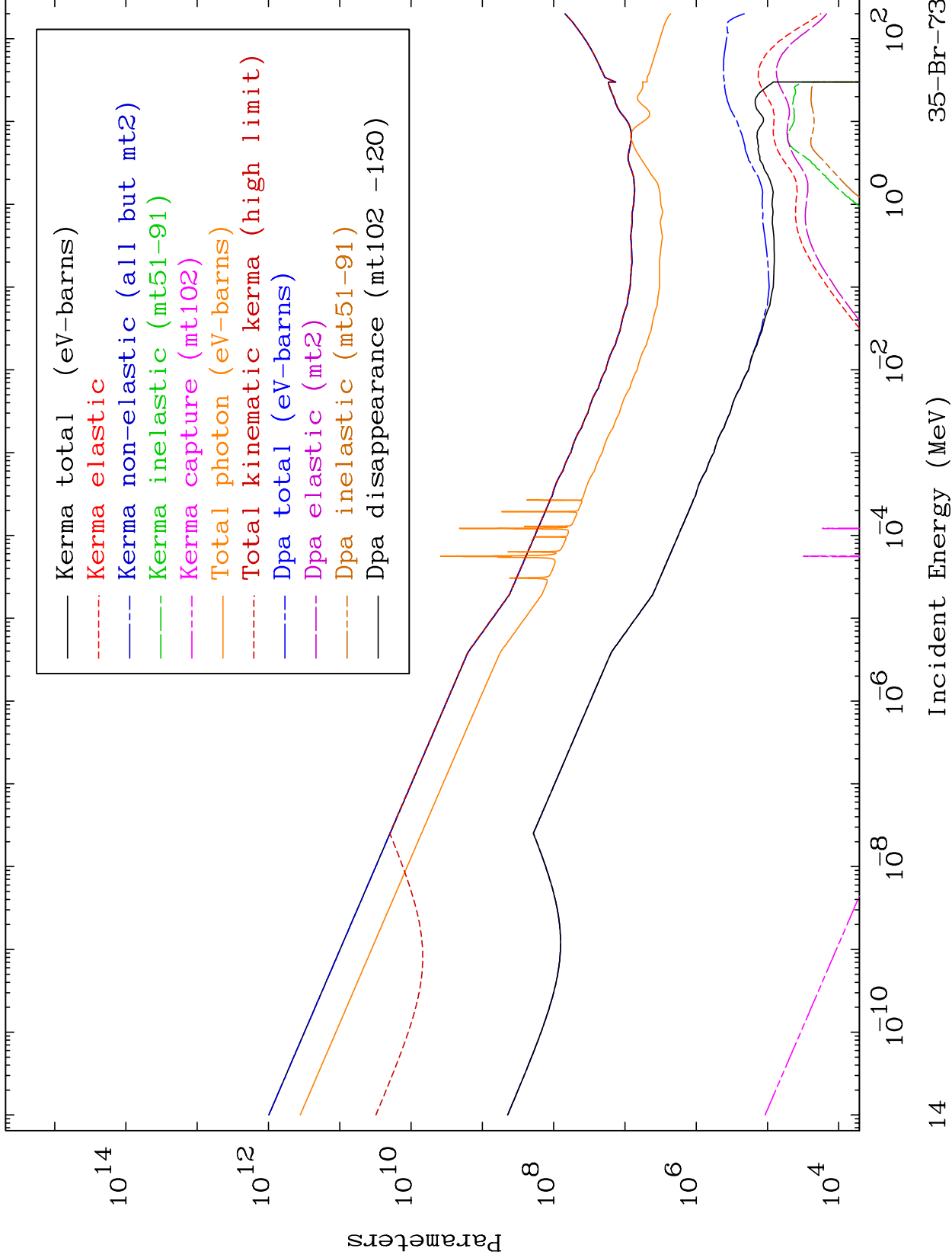
35-Br-73

MAT 3507

(n, α) Levels
293 Kelvin Cross Sections

35-Br-73

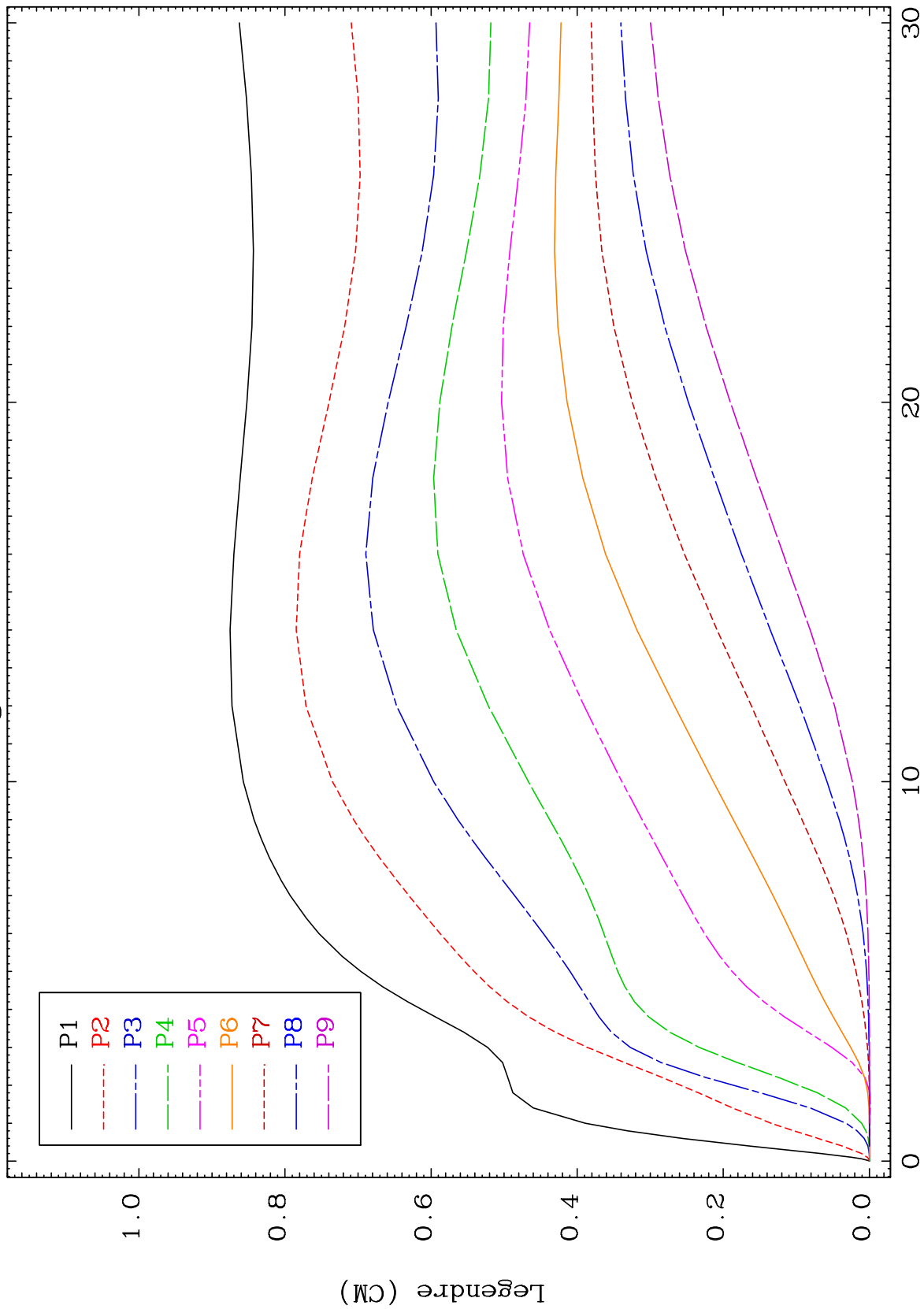




MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



15

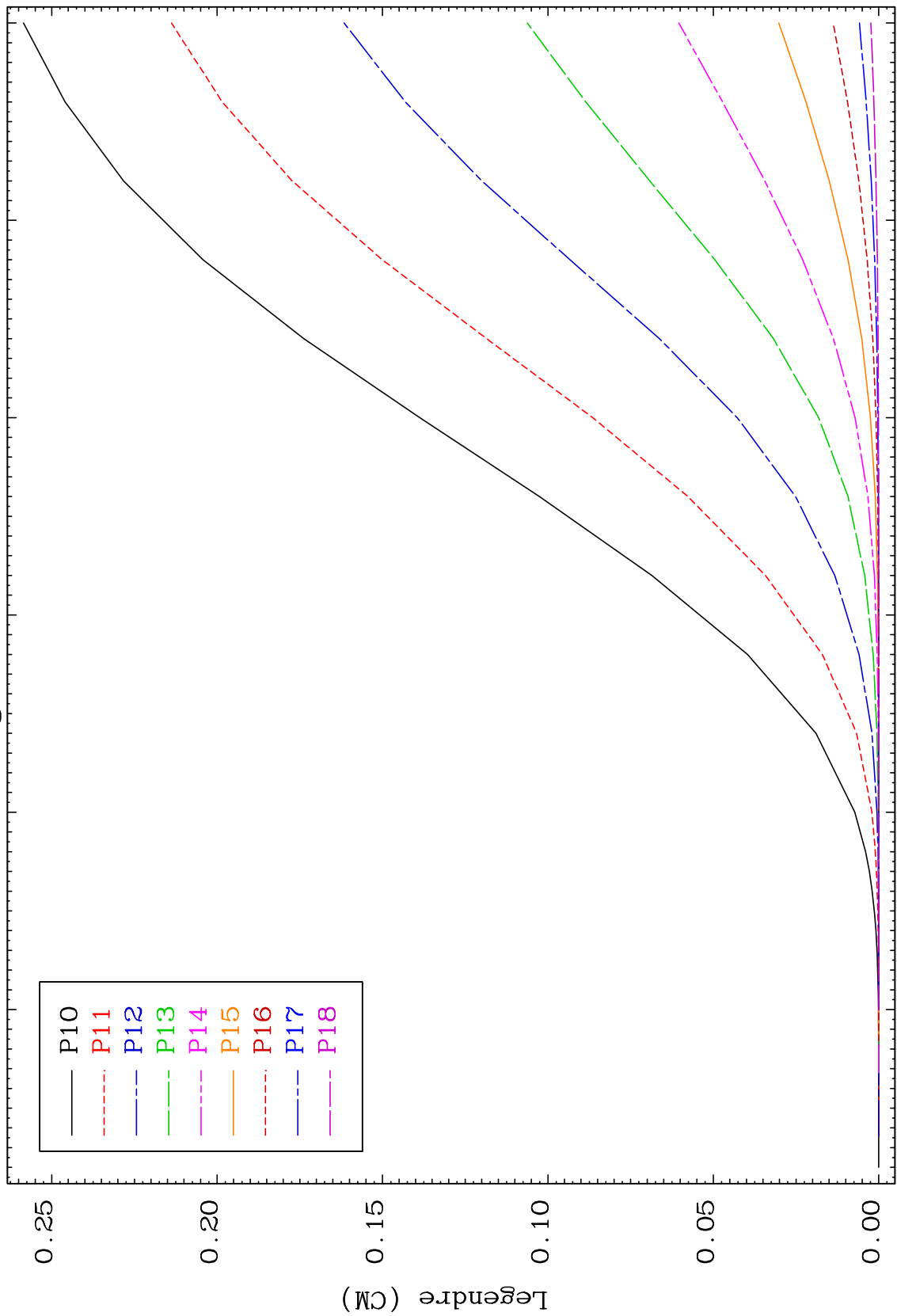
Incident Energy (MeV)

³⁵Br-73

MAT 3507

Elastic Legendre Coefficients

³⁵Br-73



16

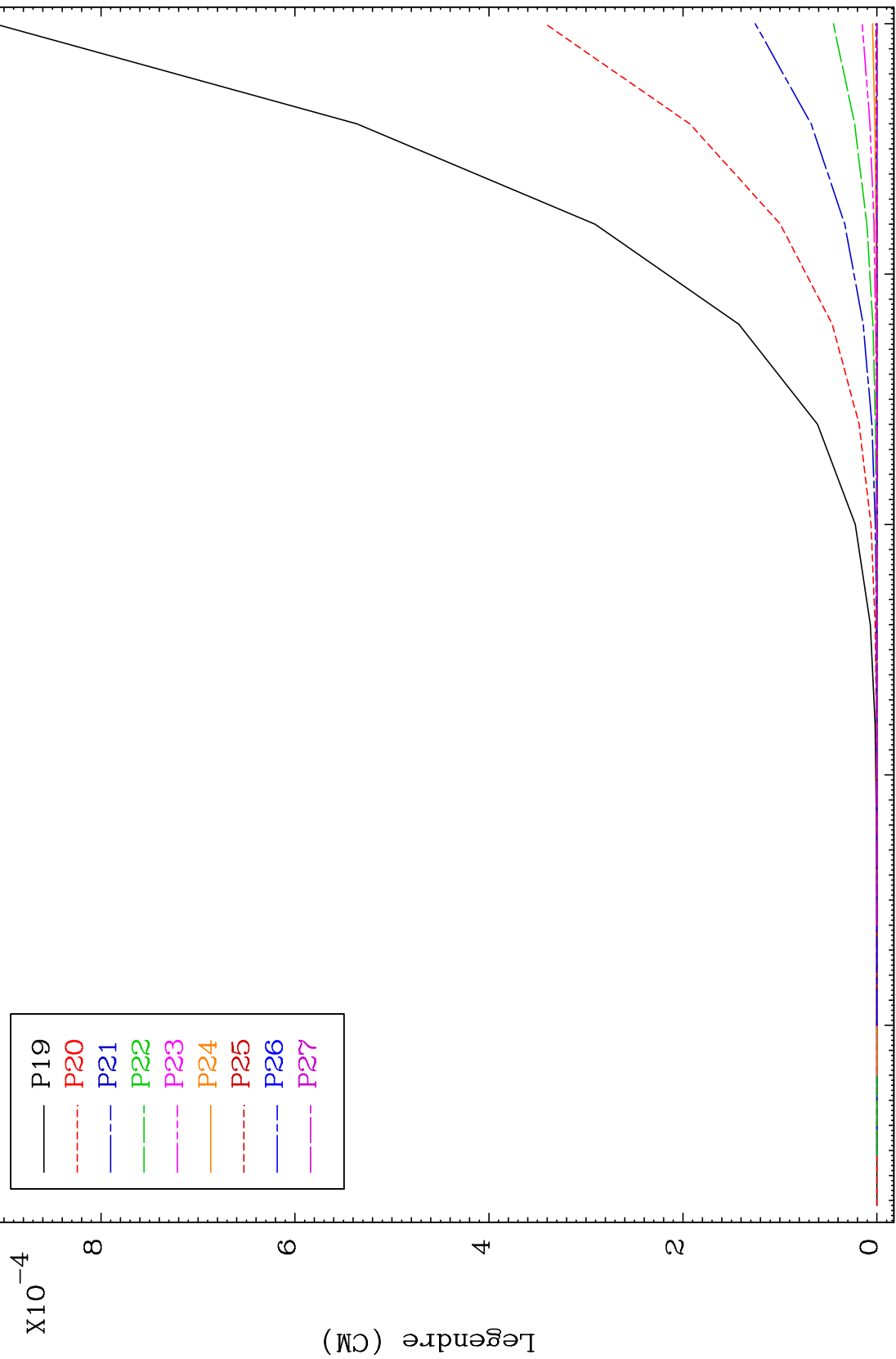
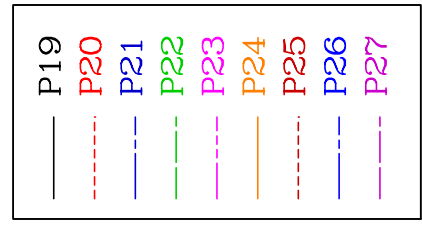
Incident Energy (MeV)

³⁵Br-73

MAT 3507

Elastic Legendre Coefficients

³⁵Br-⁷³



17

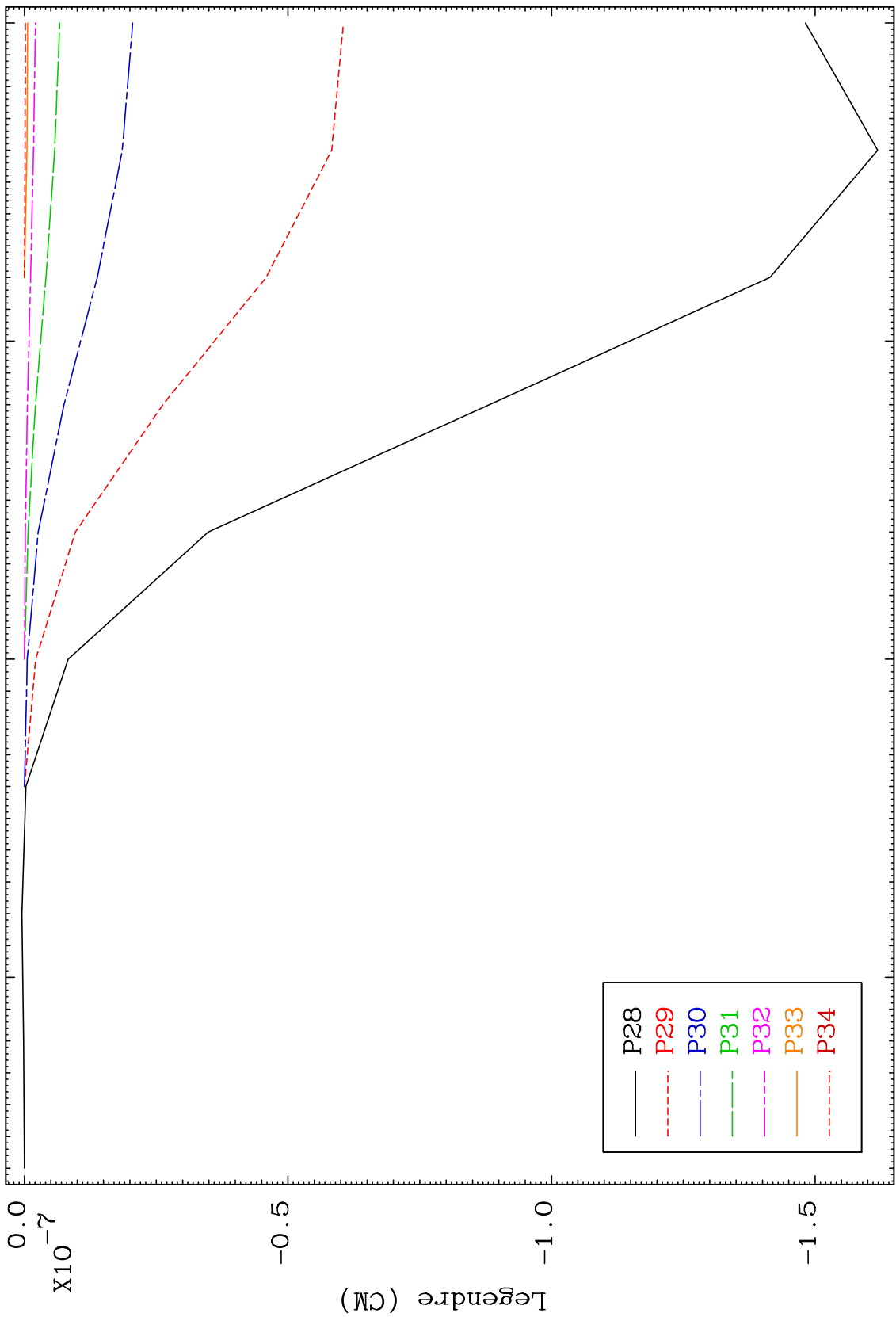
Incident Energy (MeV)

³⁵Br-⁷³

MAT 3507

35-Br-73

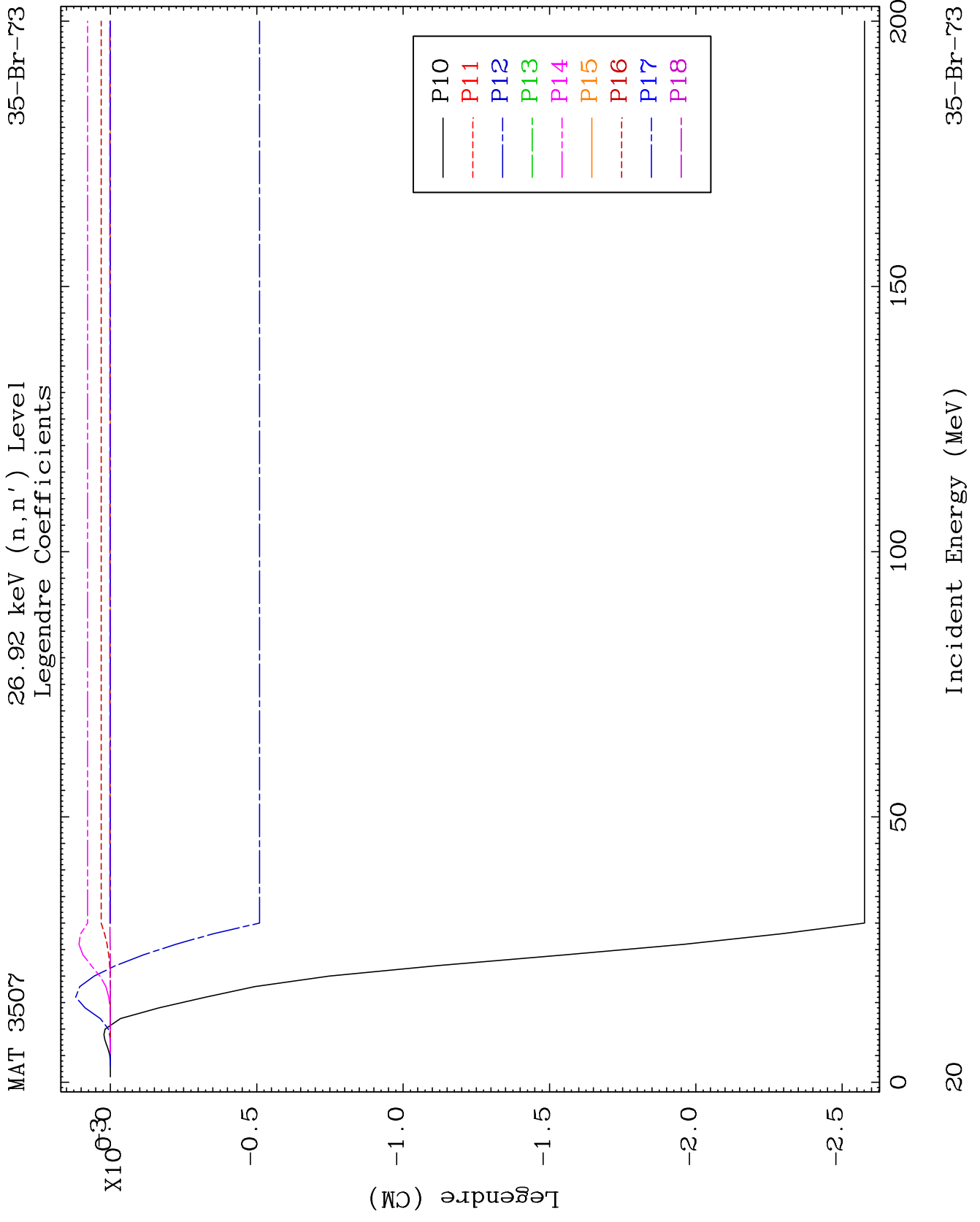
Elastic Legendre Coefficients

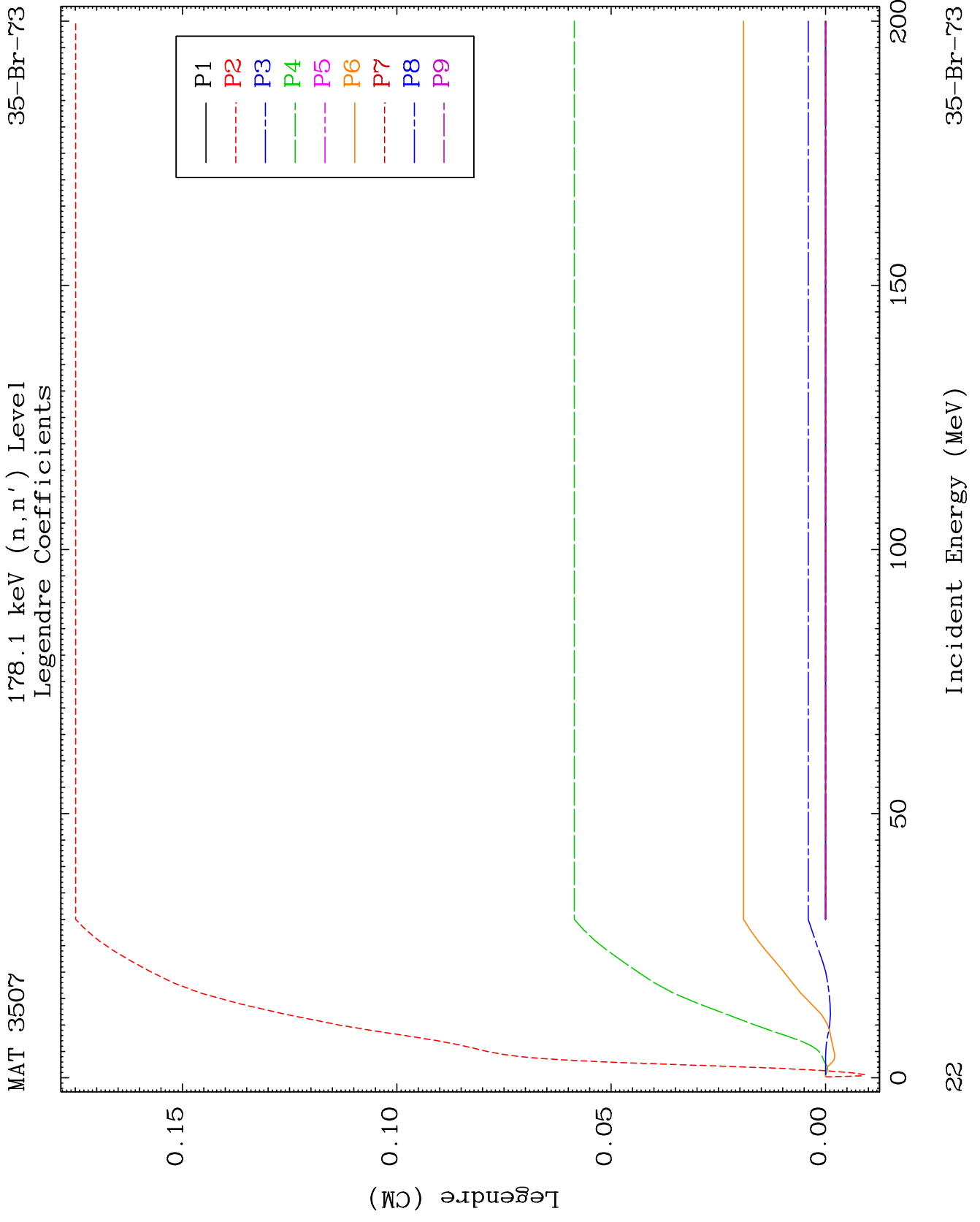


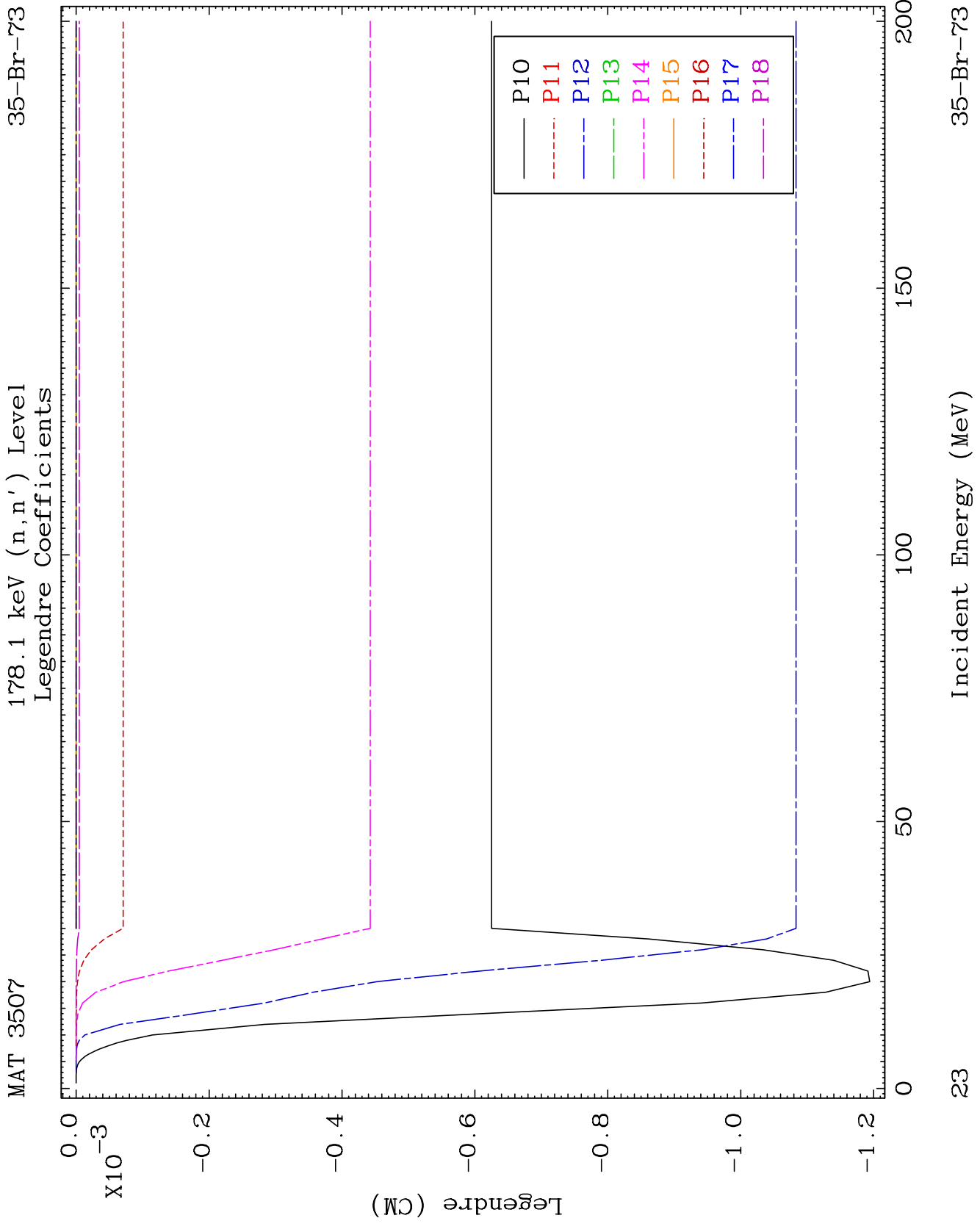
18

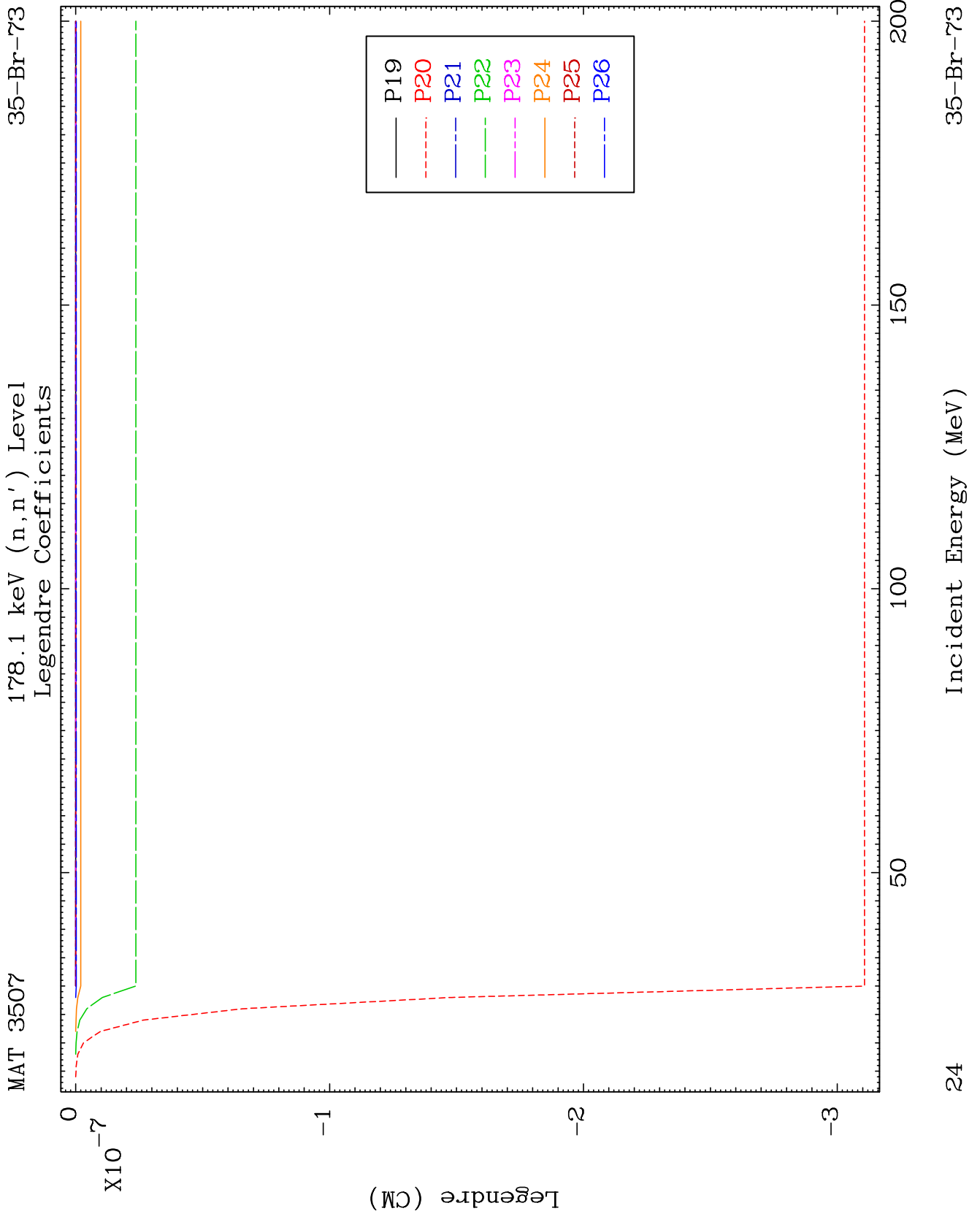
Incident Energy (MeV)

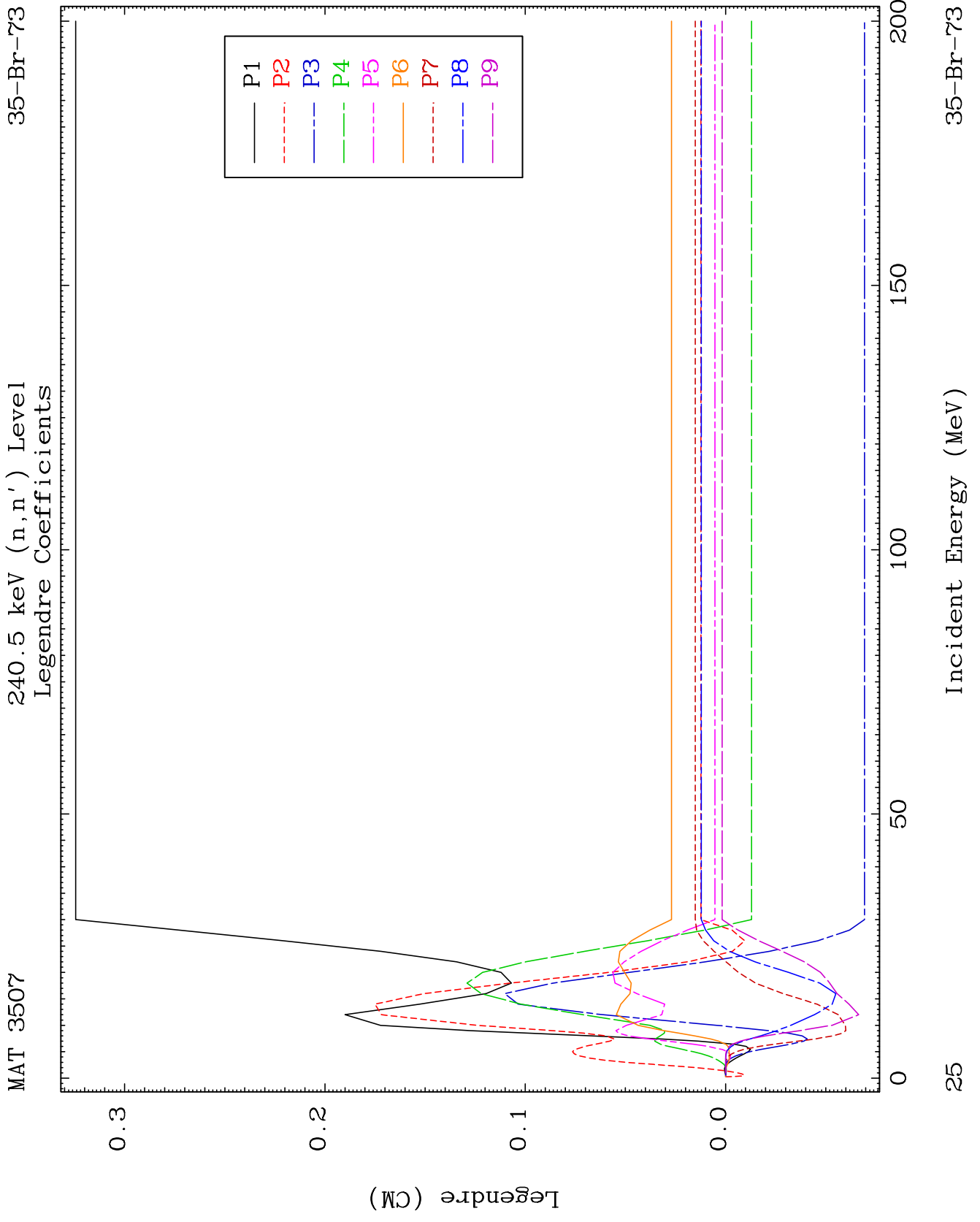
35-Br-73







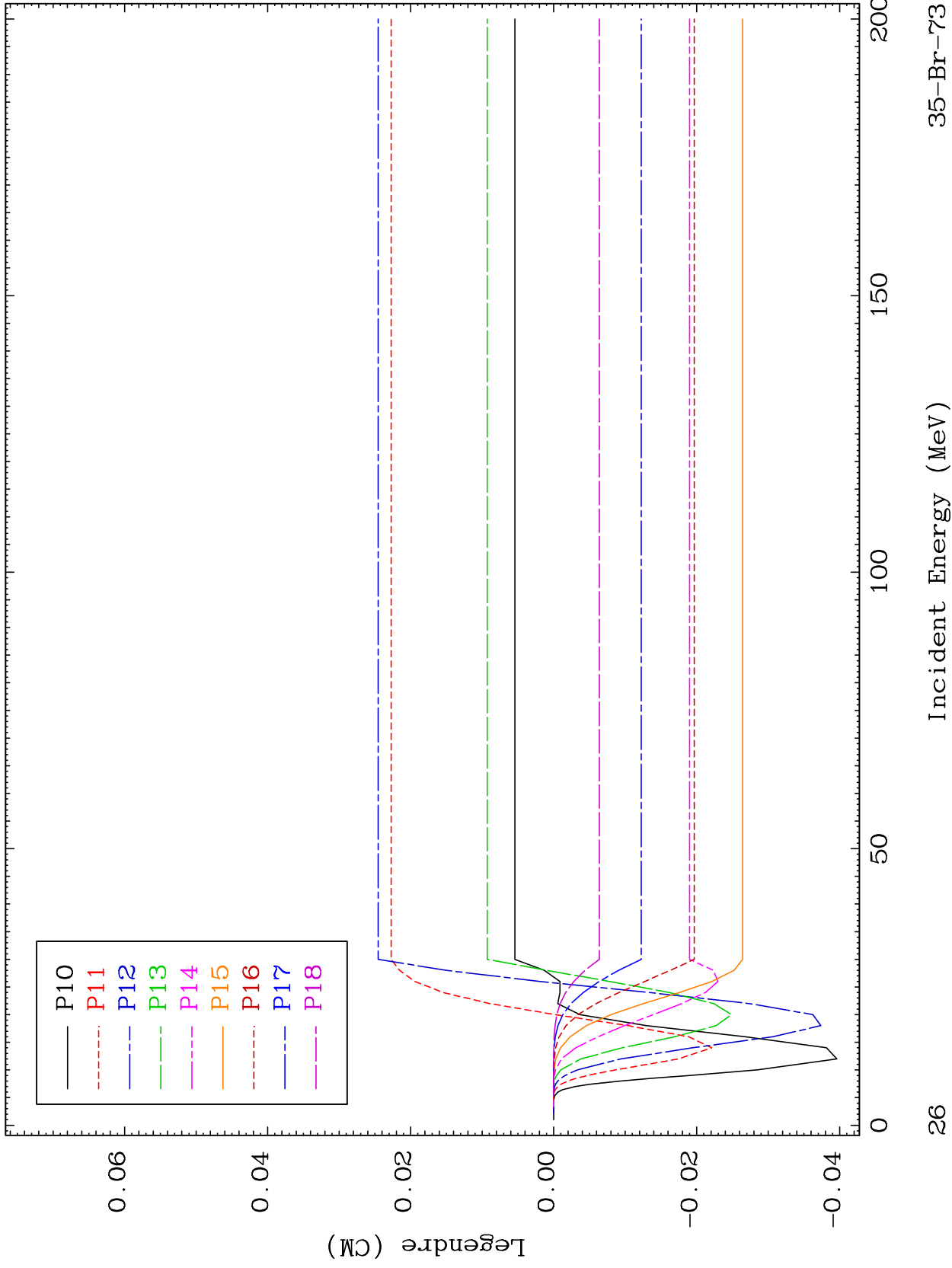




MAT 3507

240.5 keV (n,n') Level
Legendre Coefficients

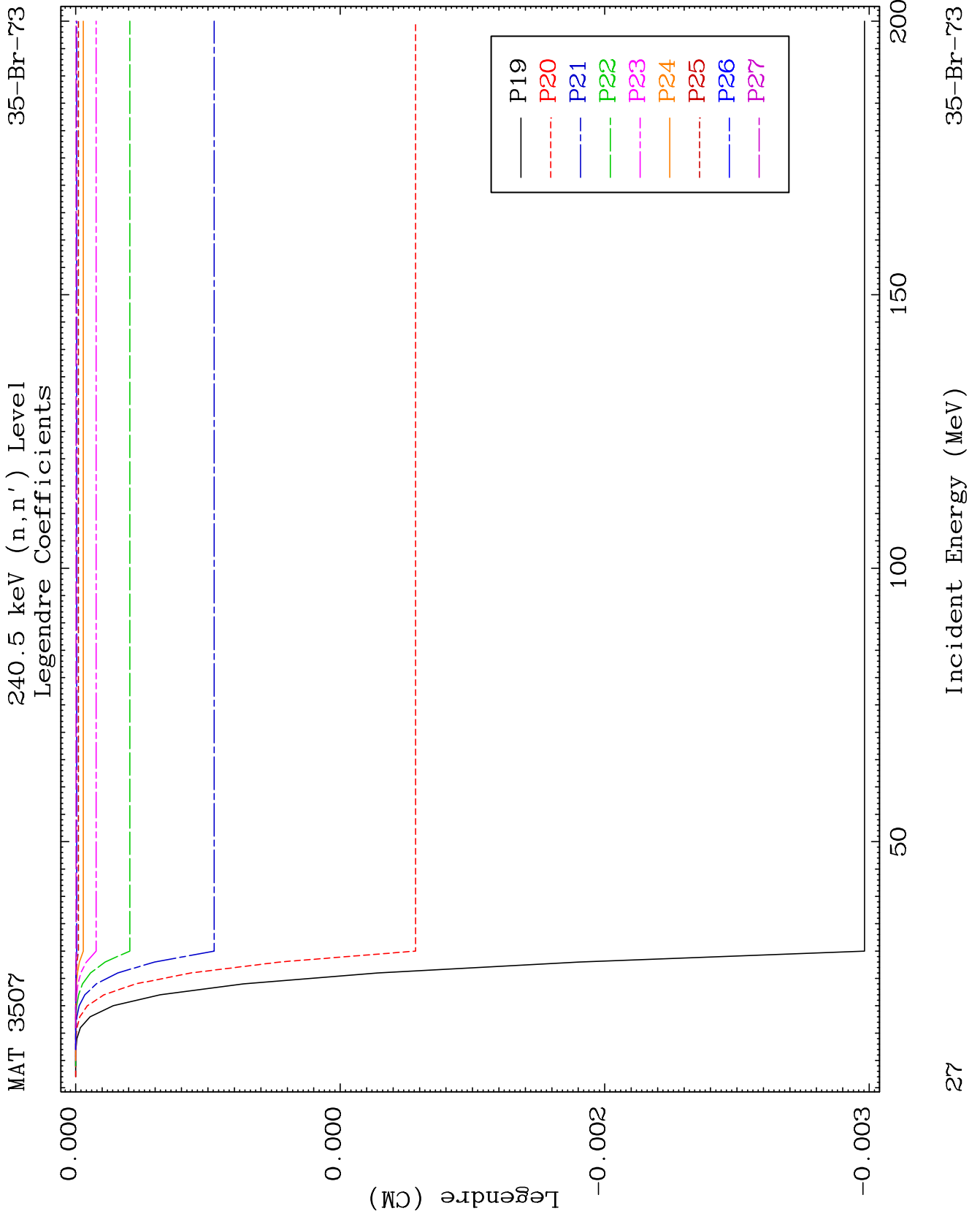
35-Br-73

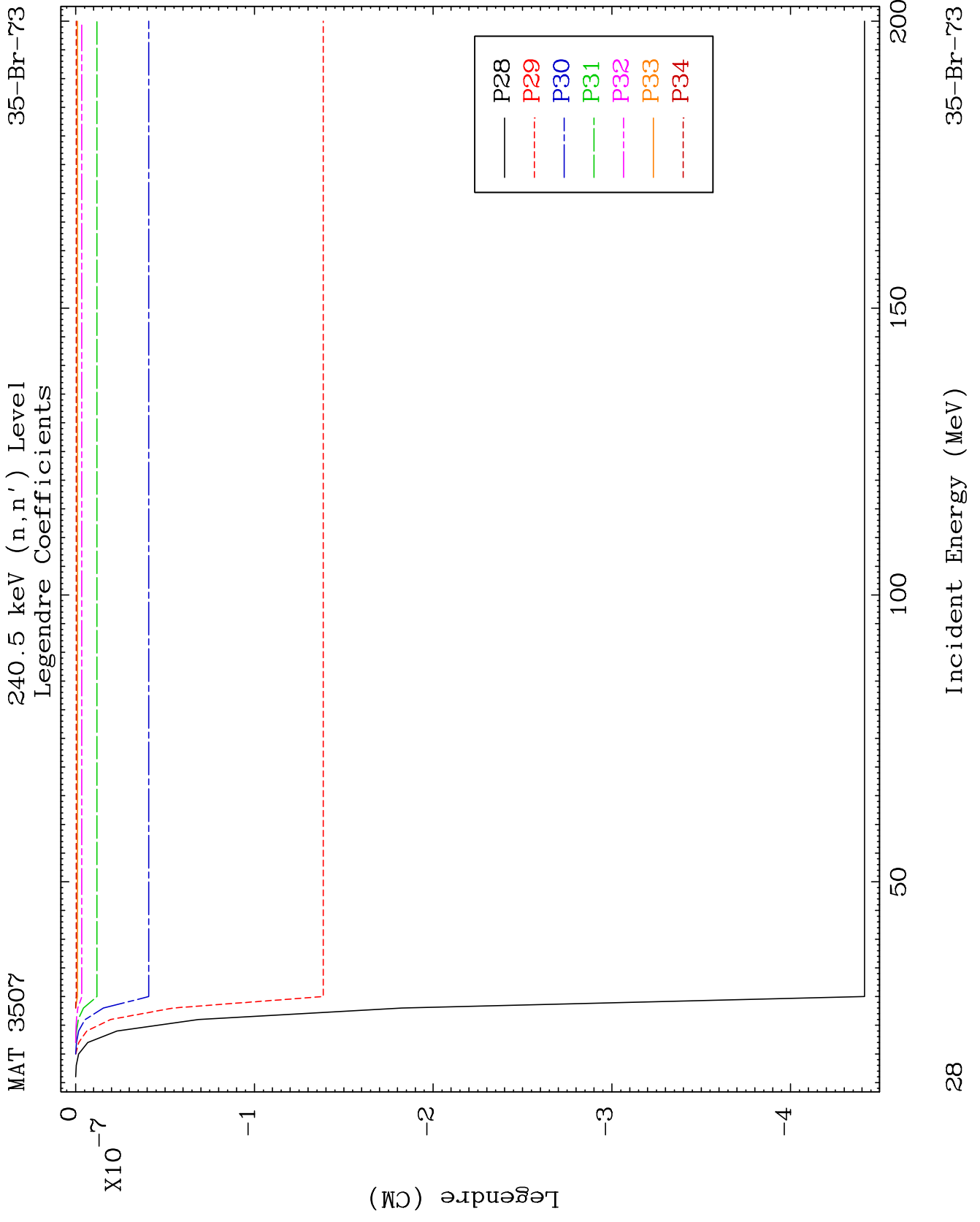


26

Incident Energy (MeV)

35-Br-73

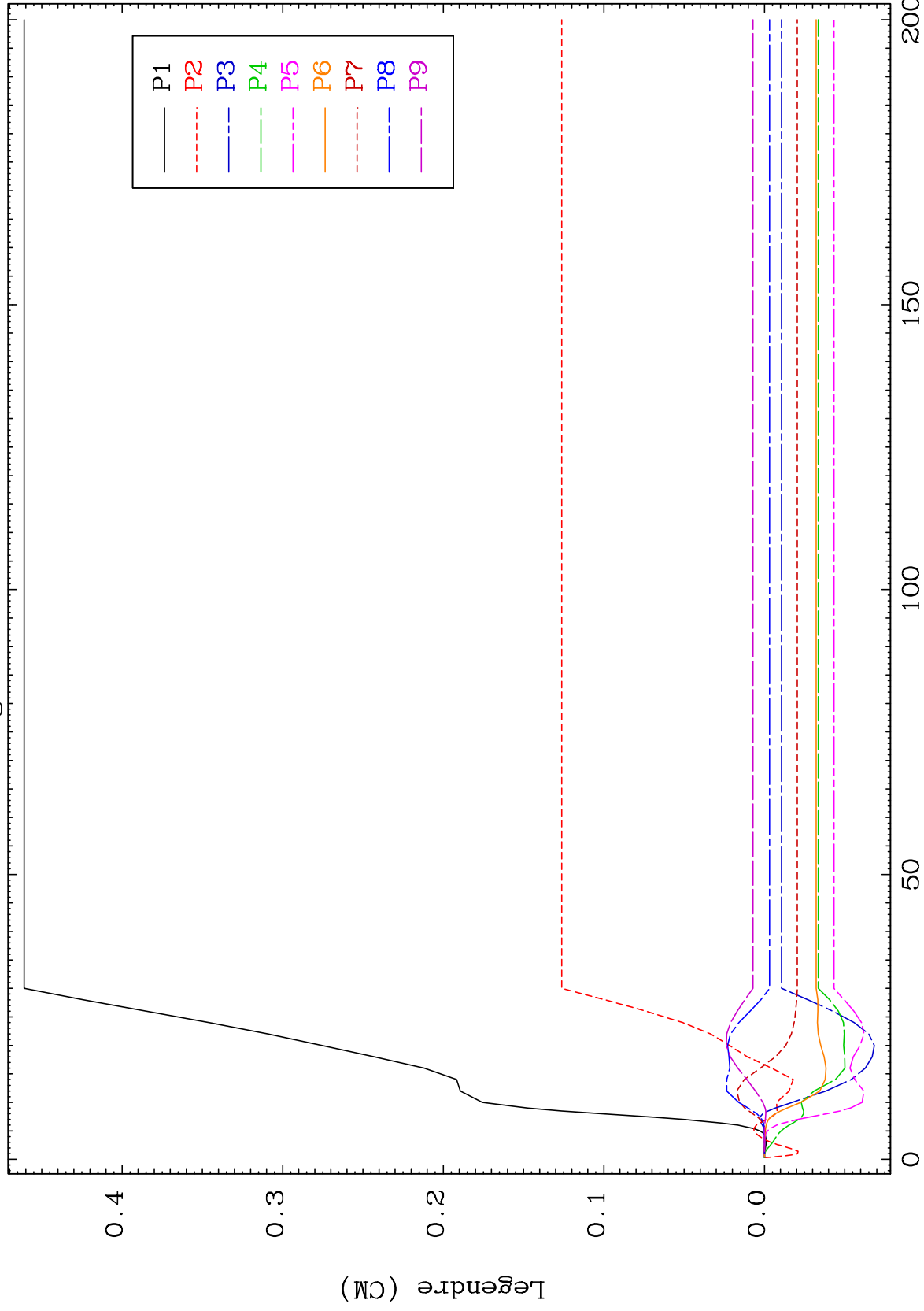




MAT 3507

286.1 keV (n,n') Level
Legendre Coefficients

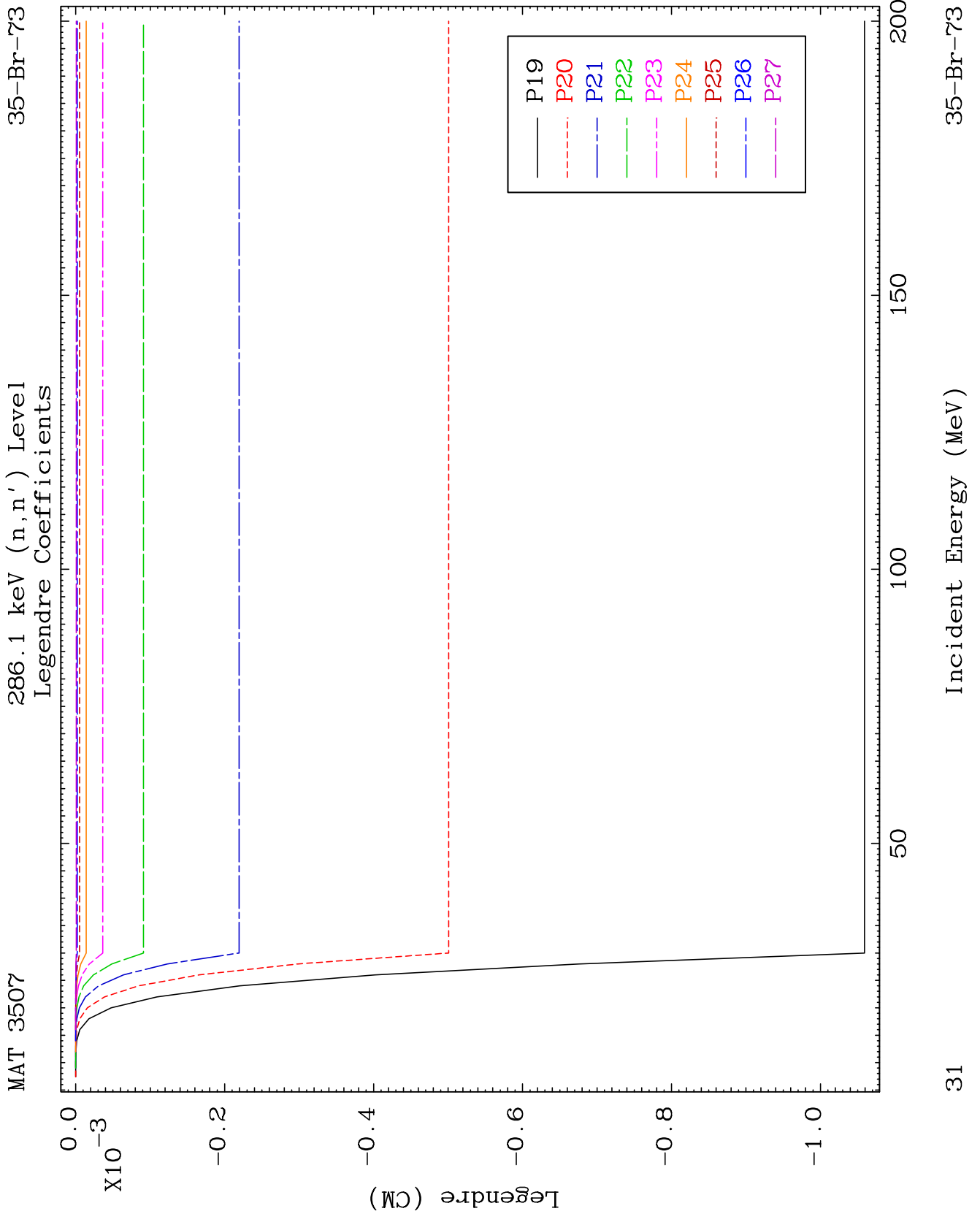
35-Br-73

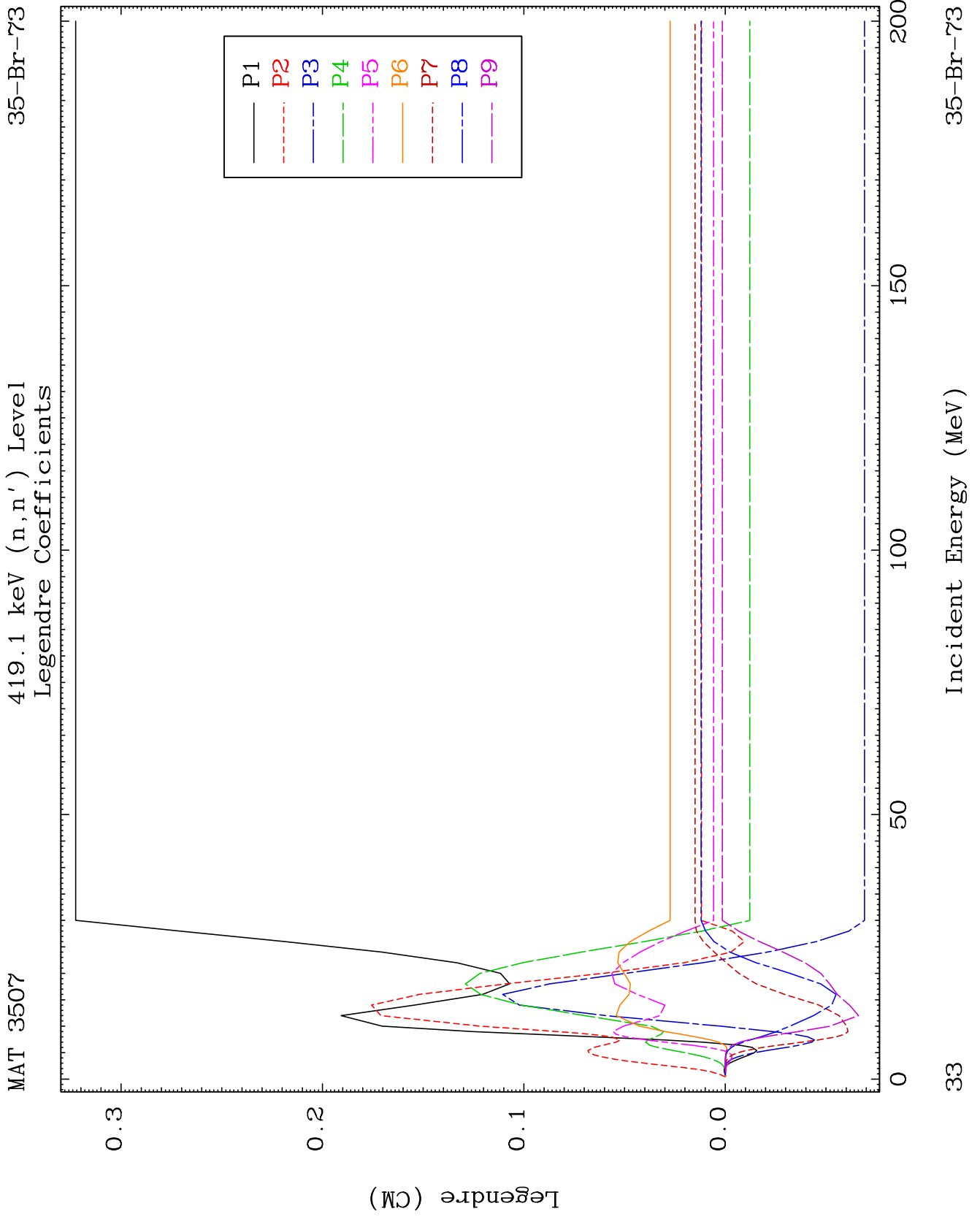


29

Incident Energy (MeV)

35-Br-73

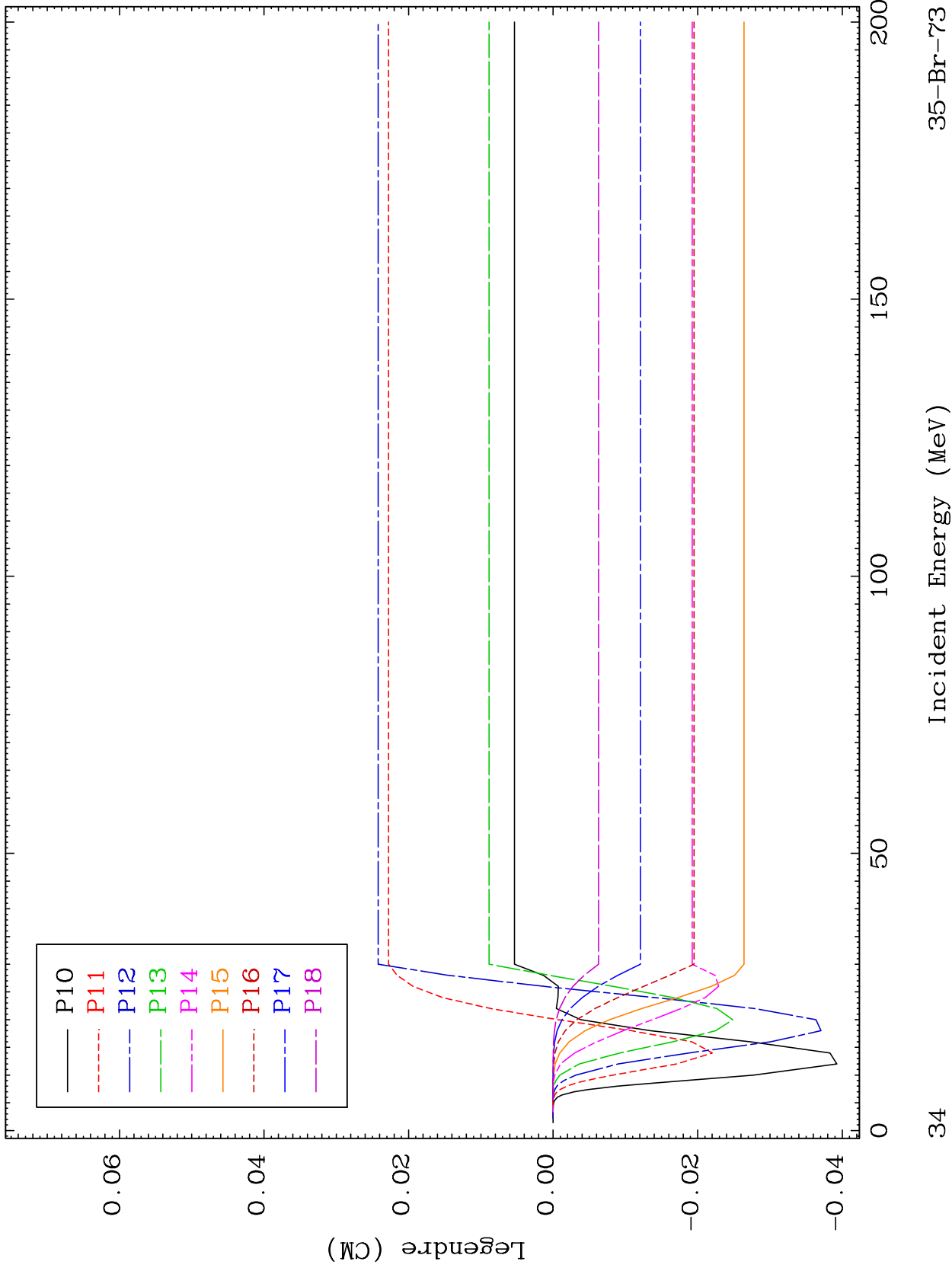




MAT 3507

419.1 keV (n,n') Level
Legendre Coefficients

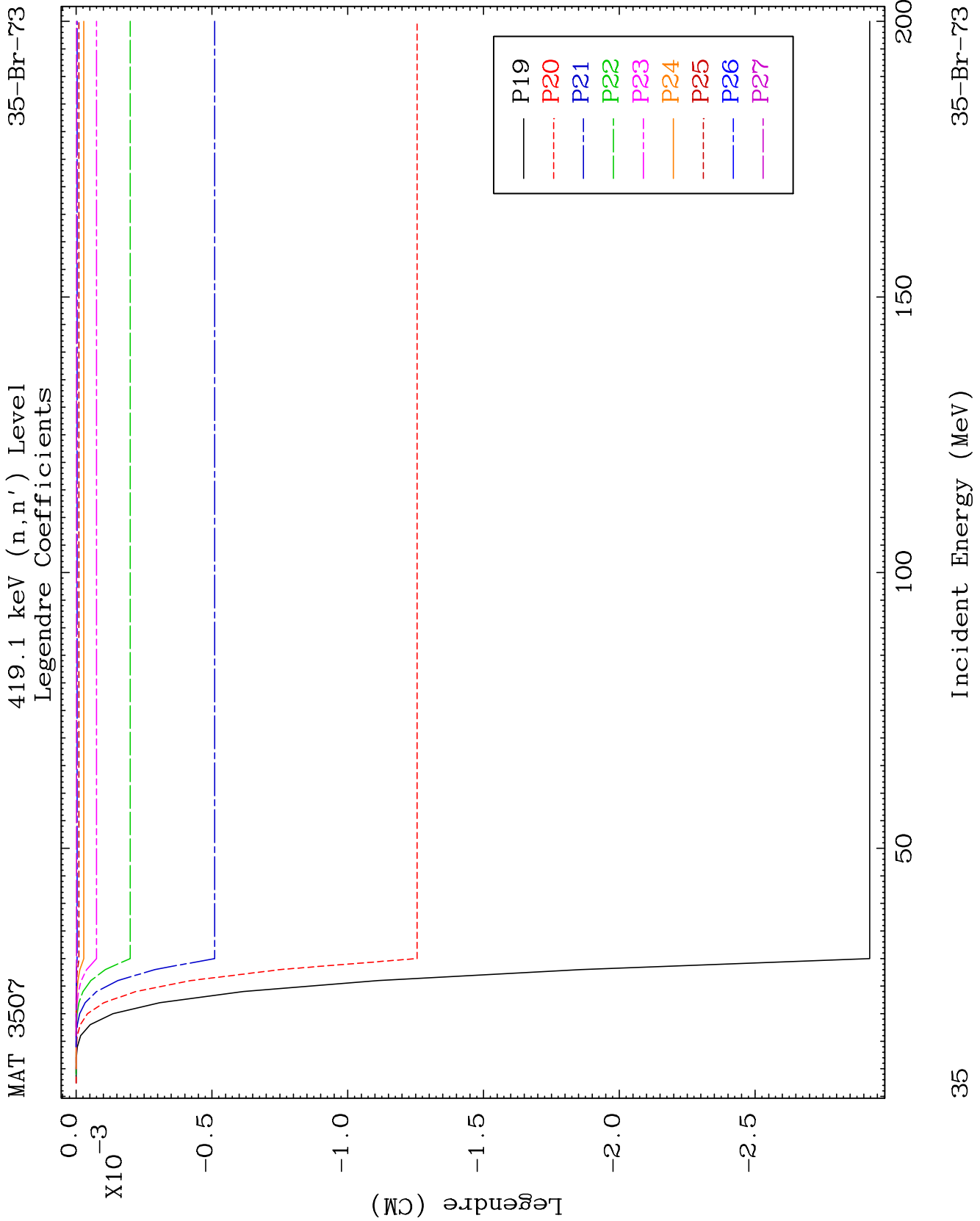
35-Br-73

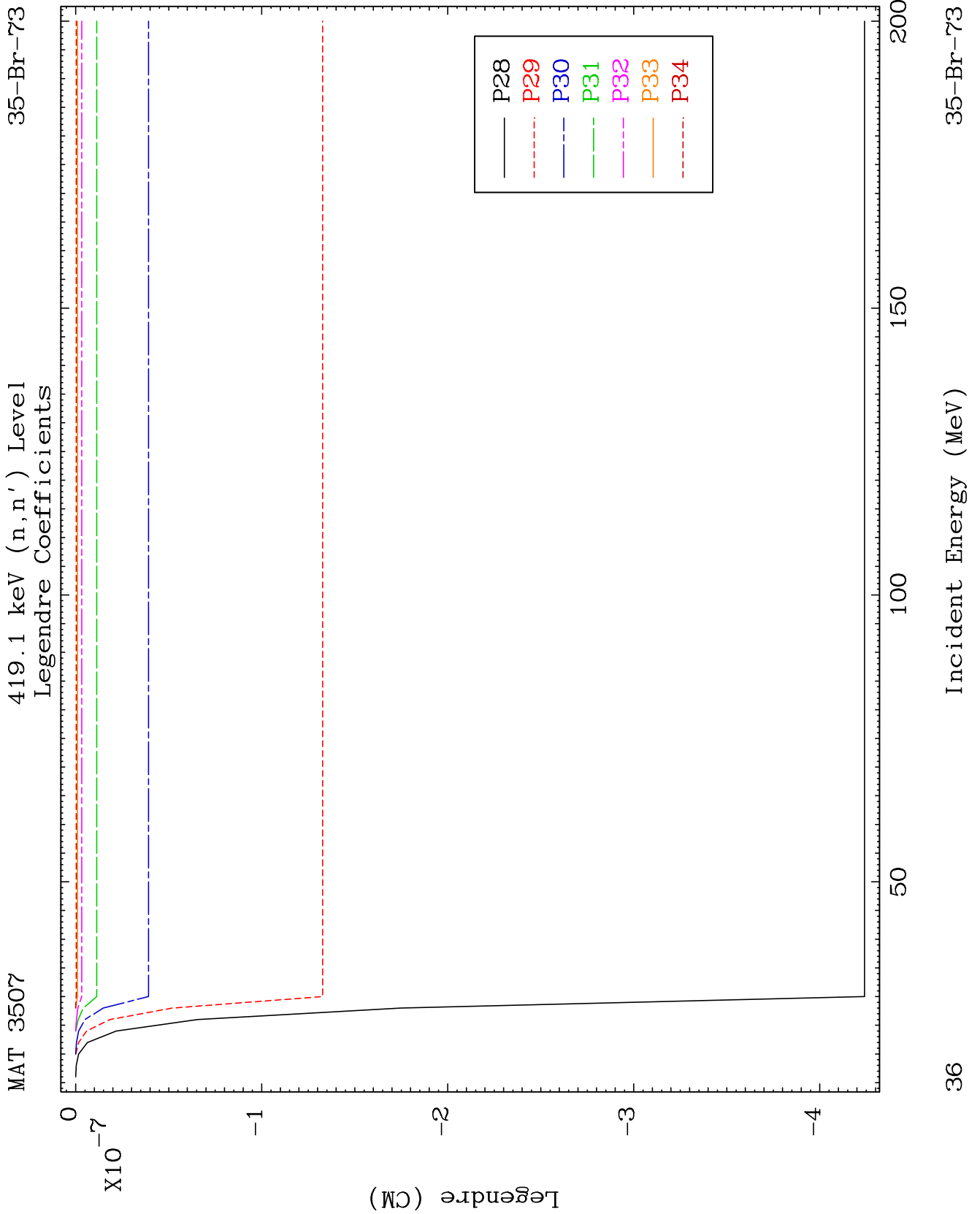


34

Incident Energy (MeV)

35-Br-73

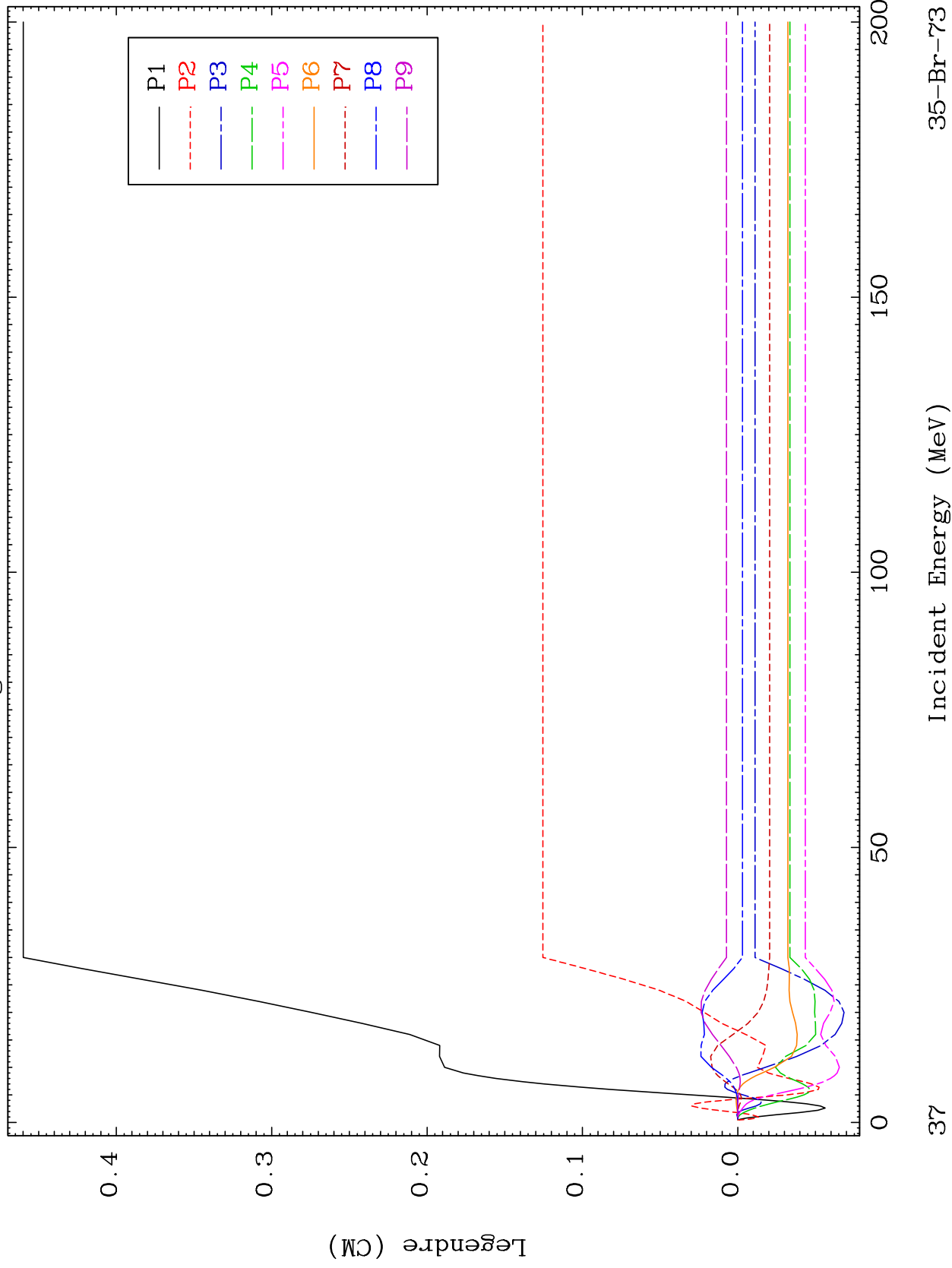




MAT 3507

423.4 keV (n,n') Level
Legendre Coefficients

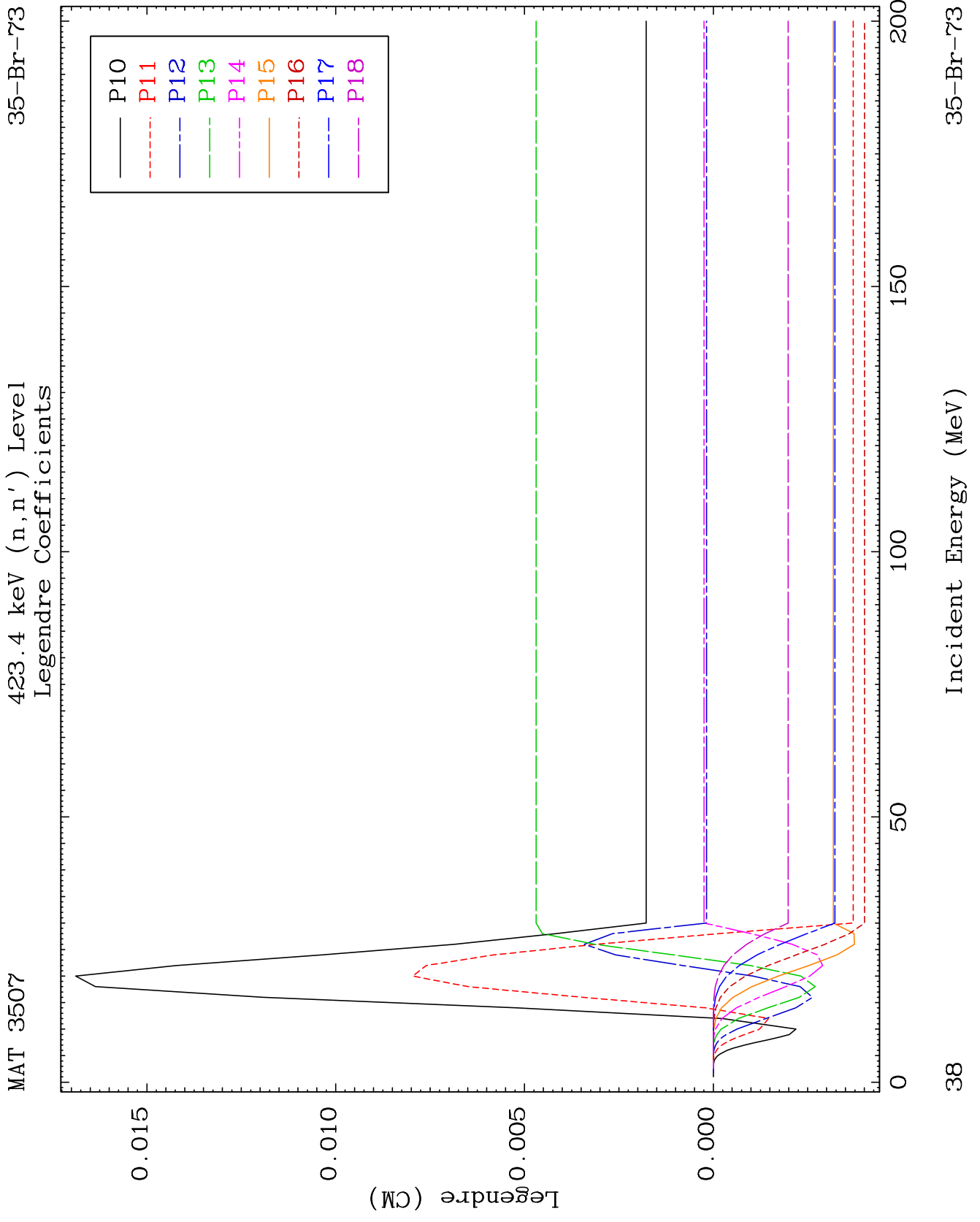
35-Br-73

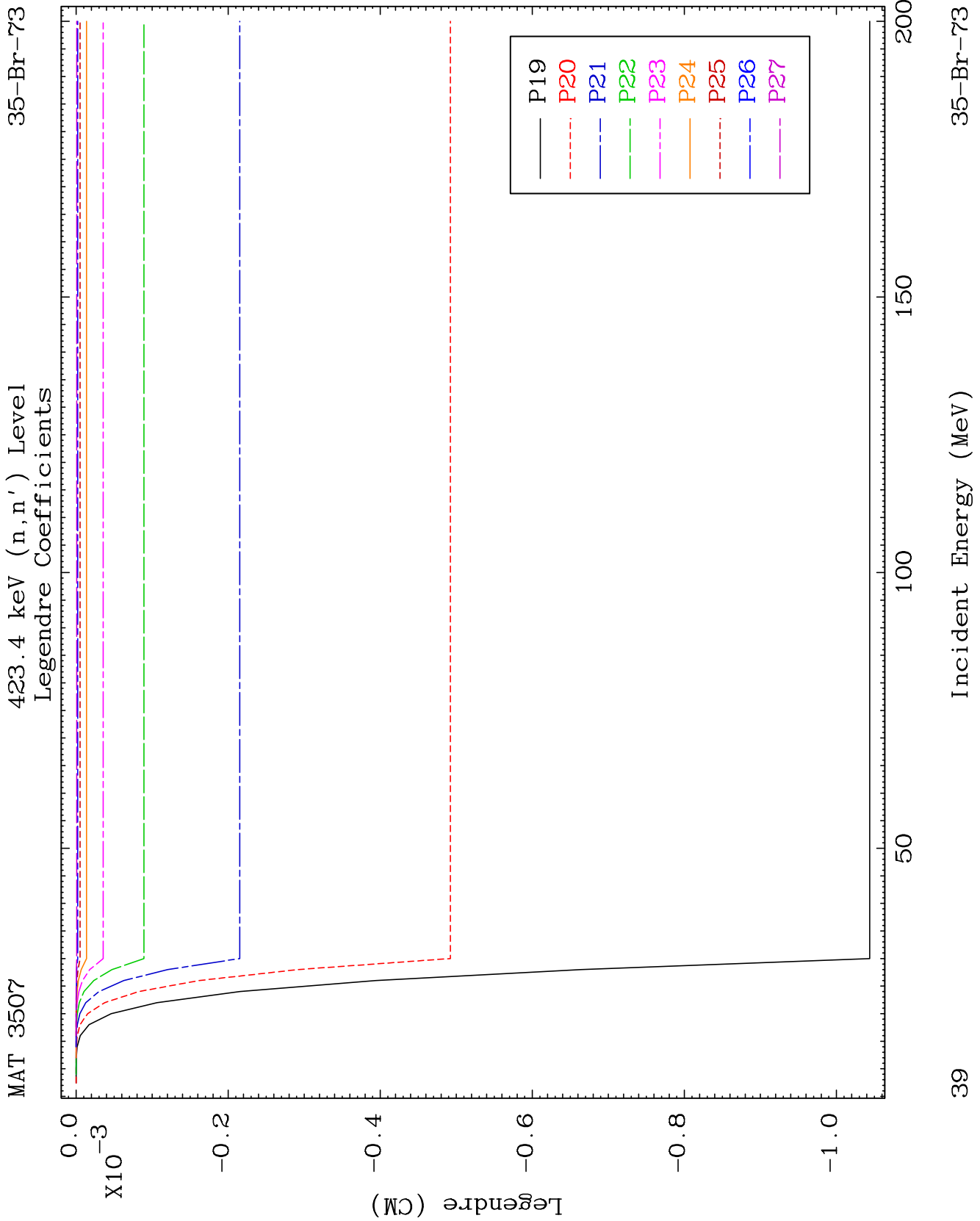


35-Br-73

Incident Energy (MeV)

37

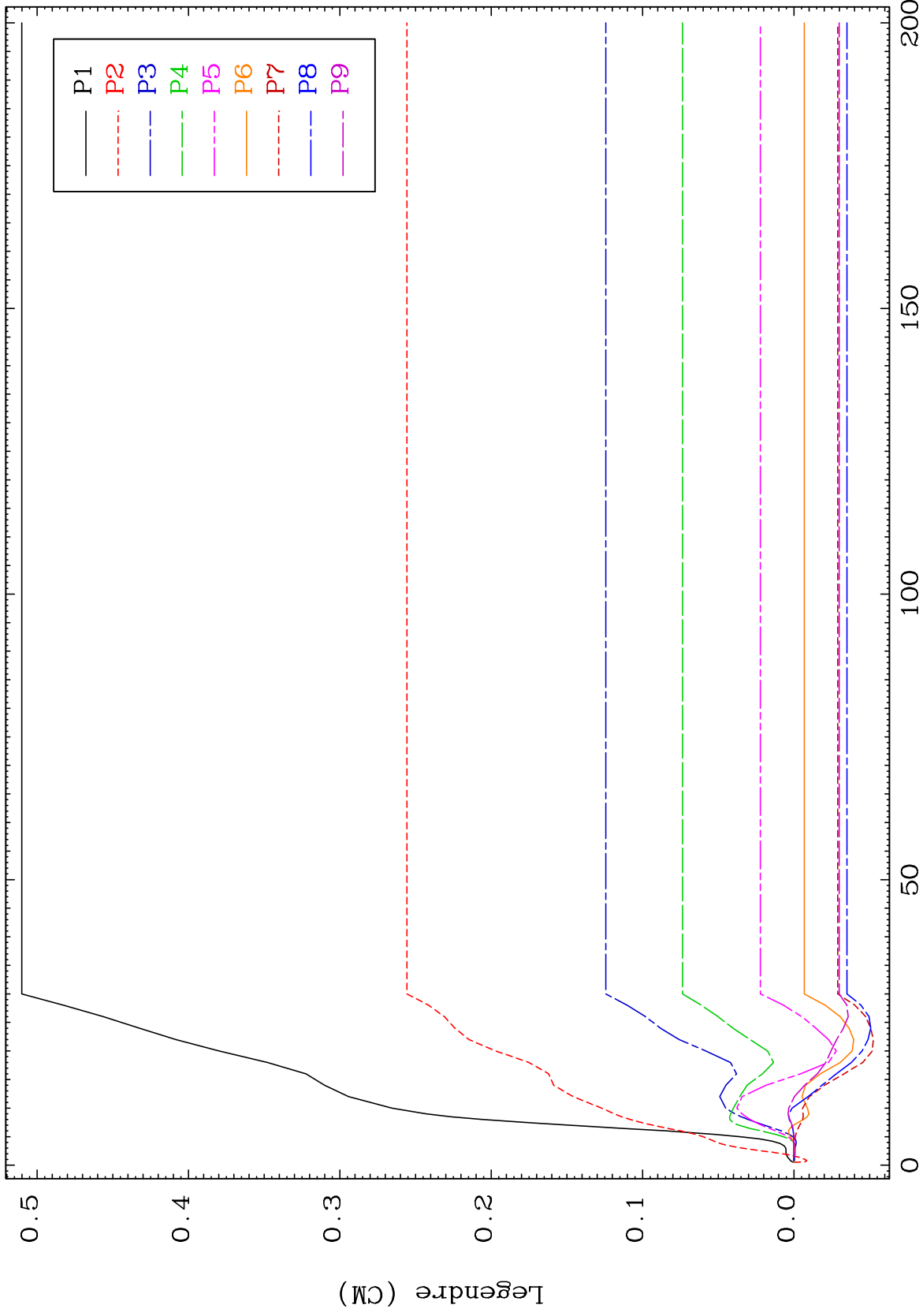




MAT 3507

473.5 keV (n,n') Level
Legendre Coefficients

35-Br-73



41

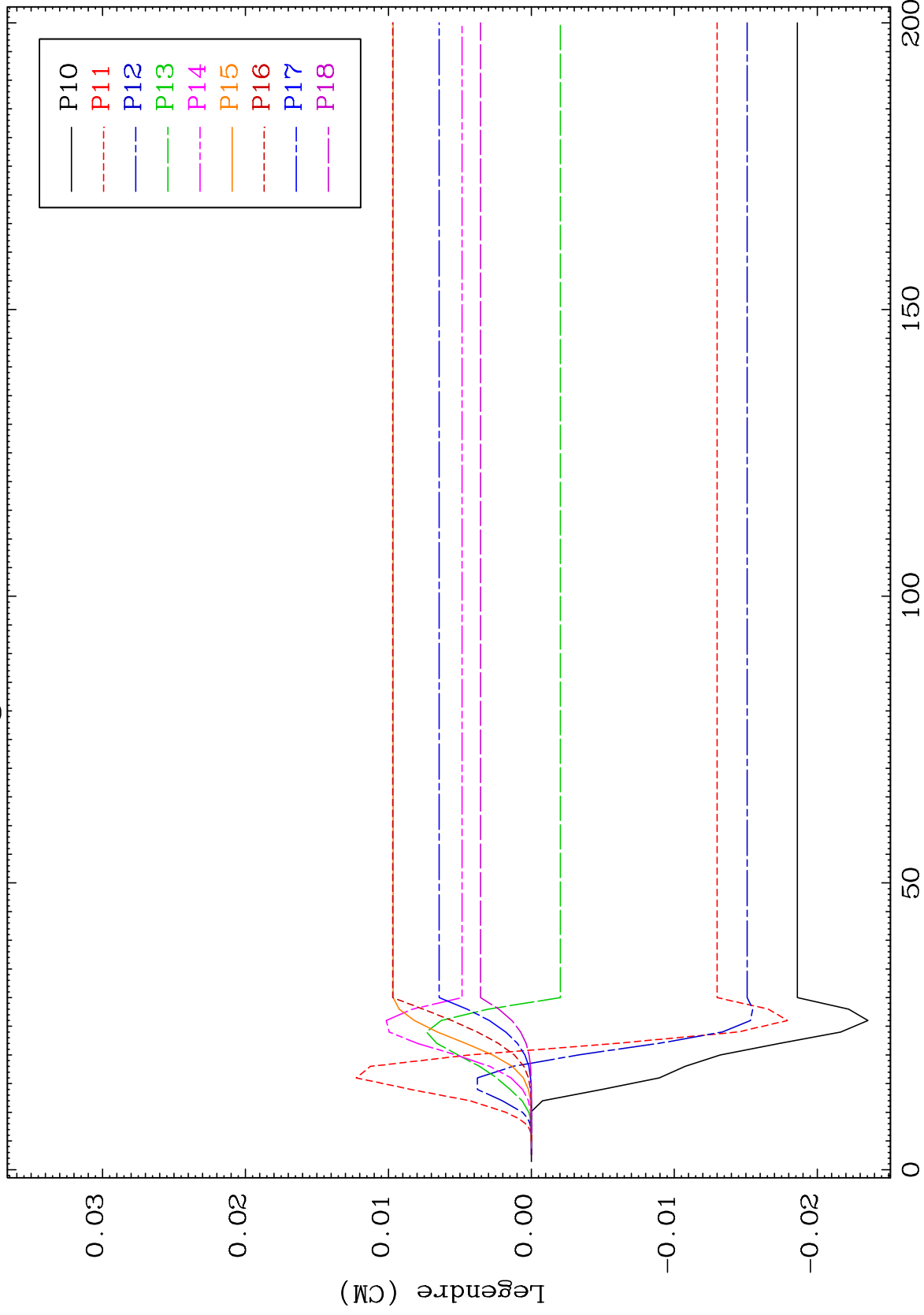
Incident Energy (MeV)

35-Br-73

MAT 3507

473.5 keV (n,n') Level
Legendre Coefficients

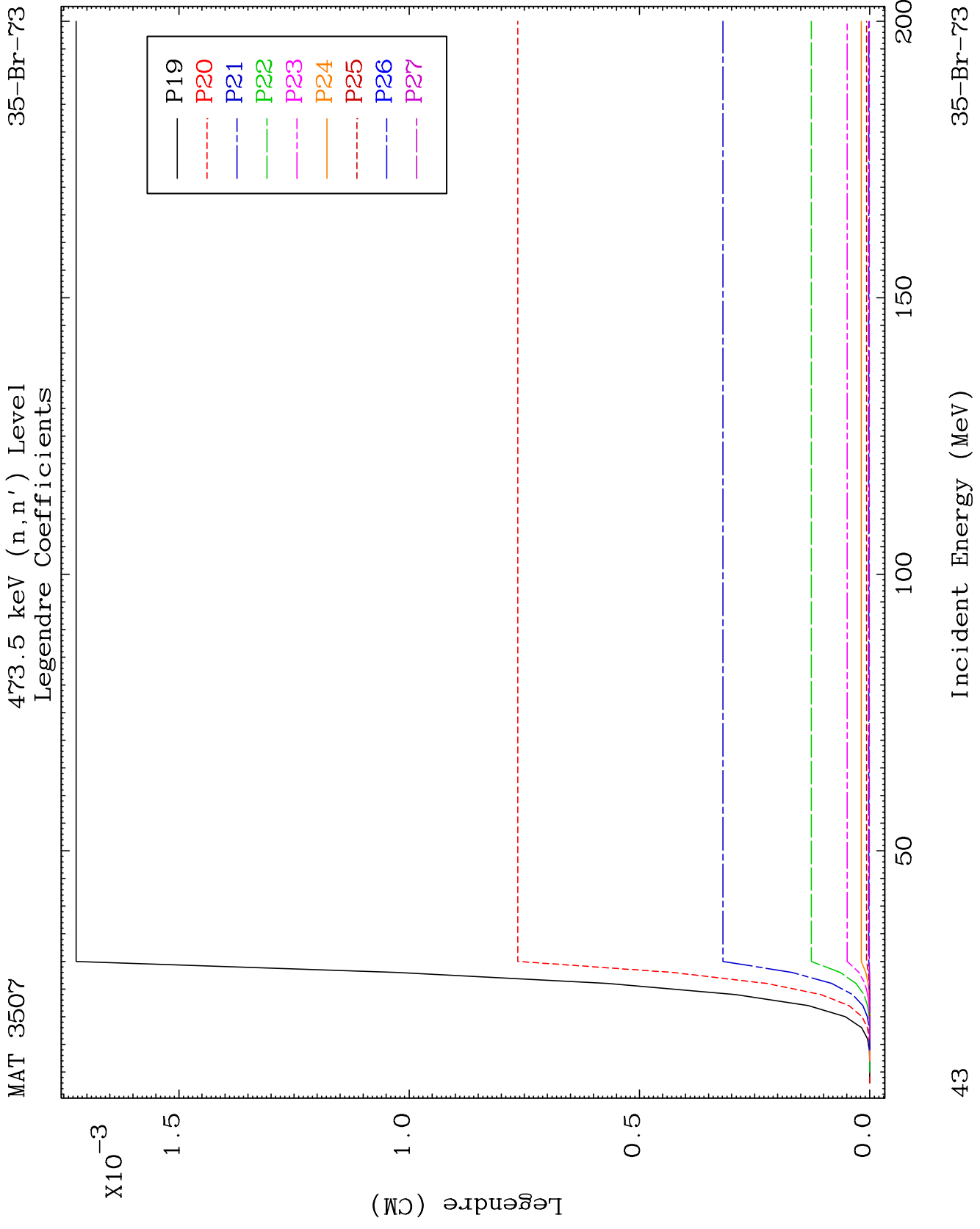
35-Br-73

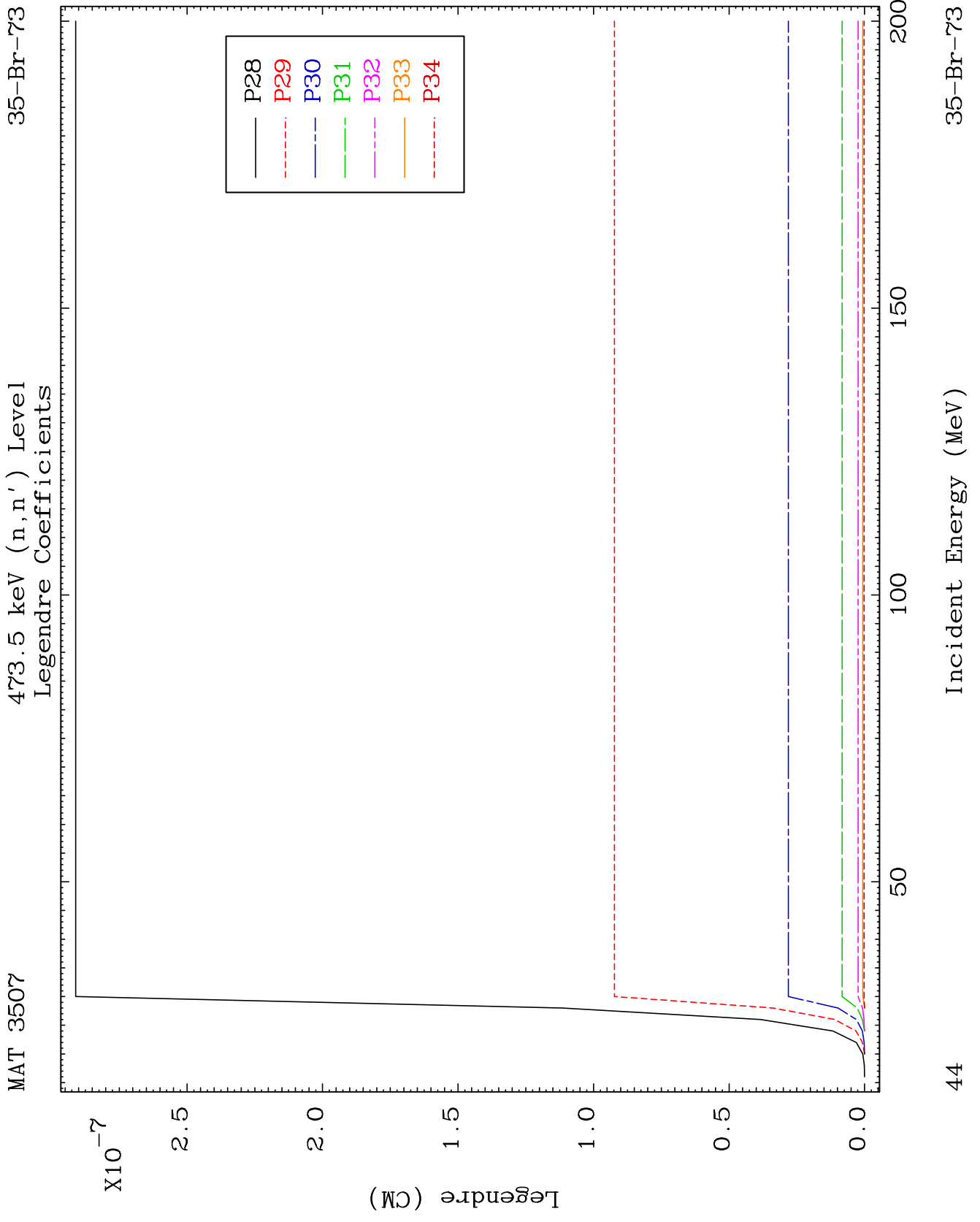


42

Incident Energy (MeV)

35-Br-73

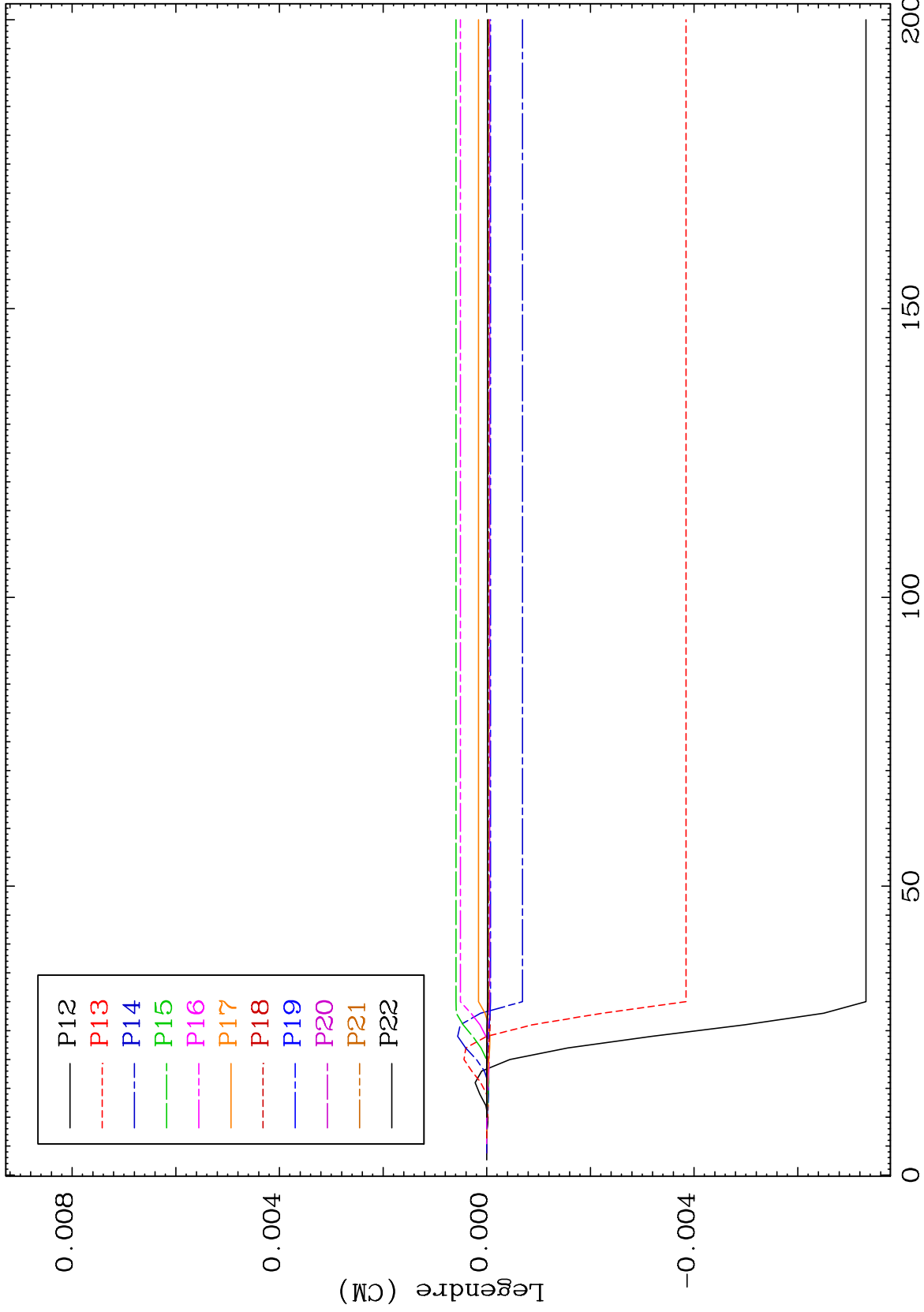




MAT 3507

477.5 keV (n,n') Level
Legendre Coefficients

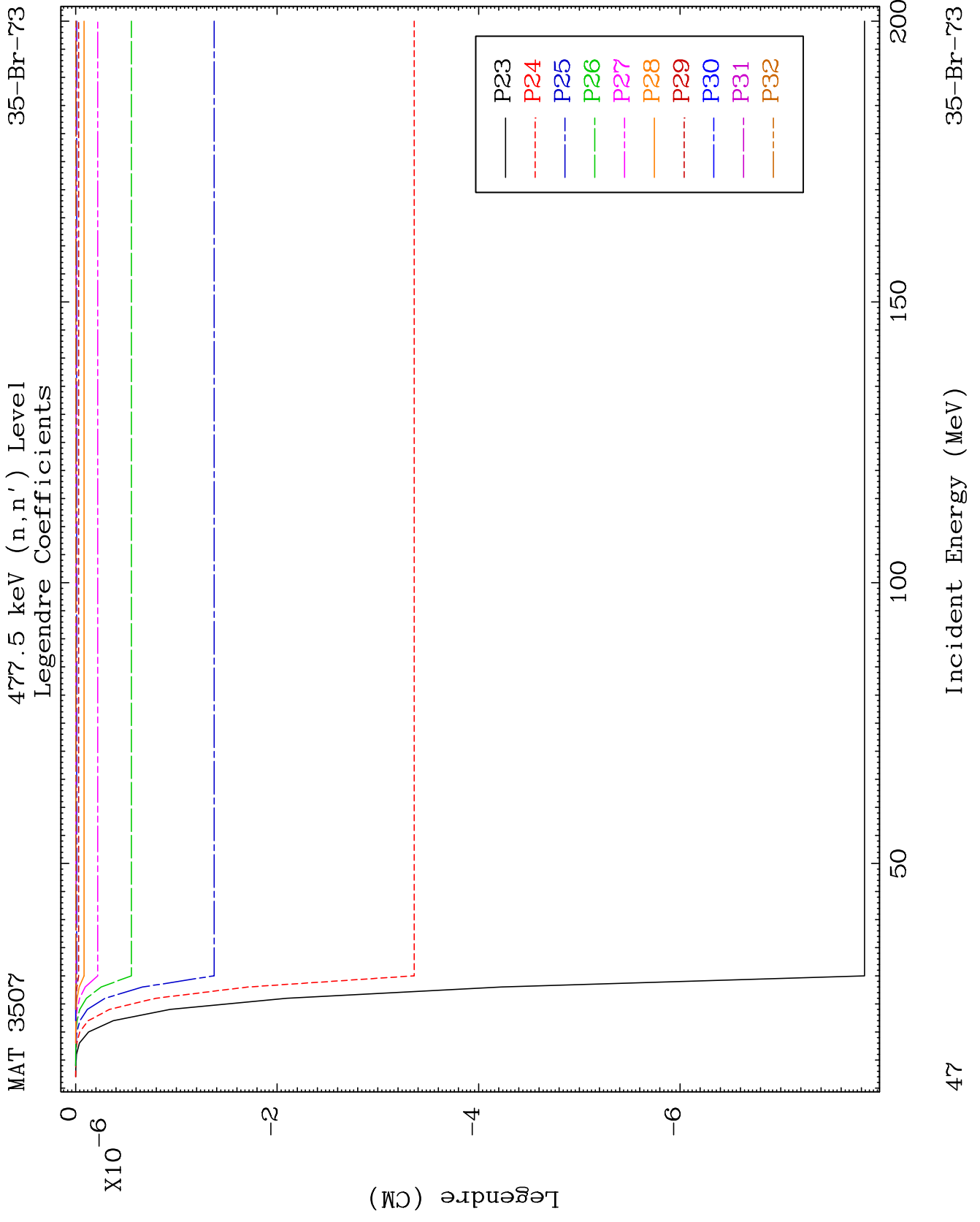
35-Br-73

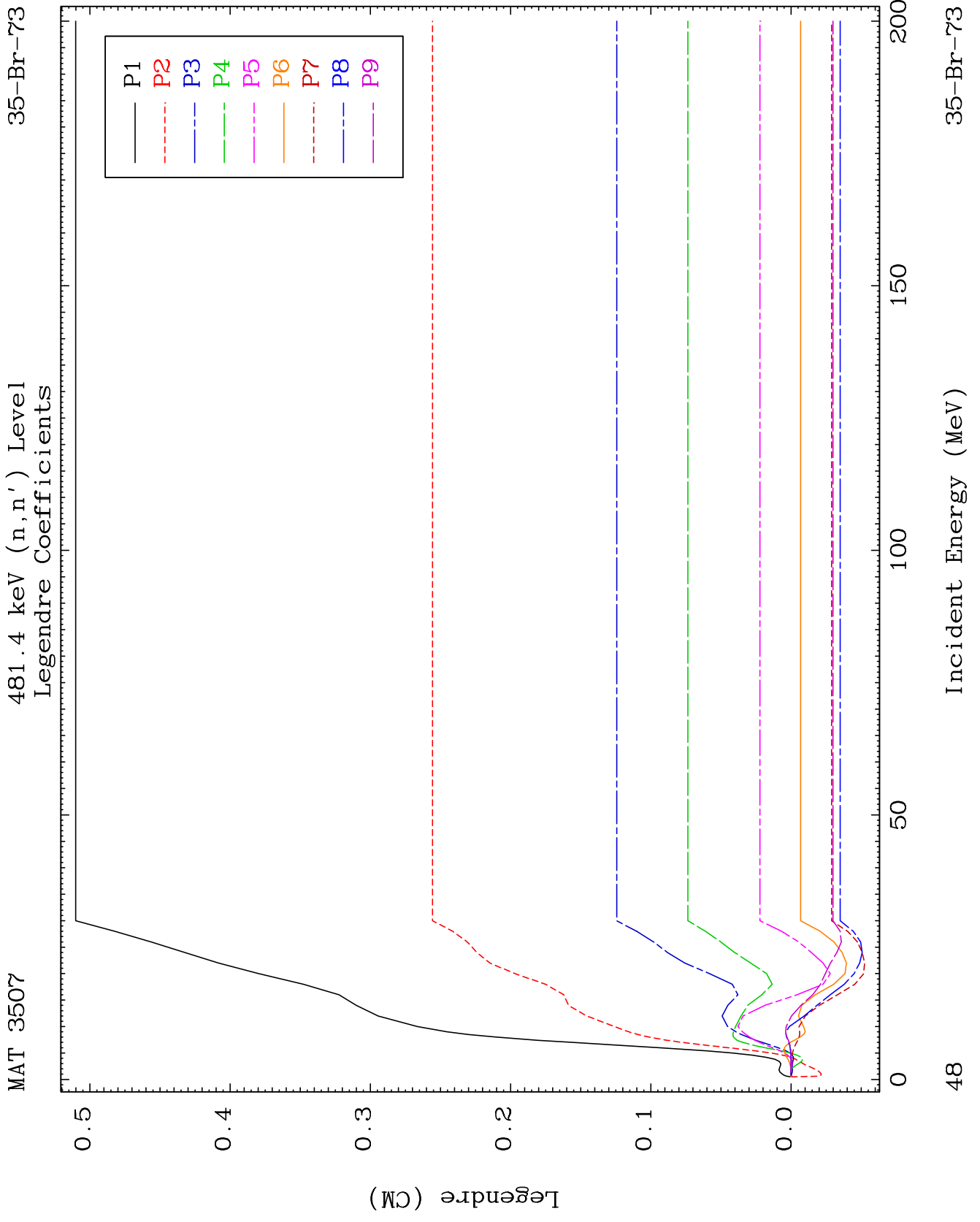


46

Incident Energy (MeV)

35-Br-73

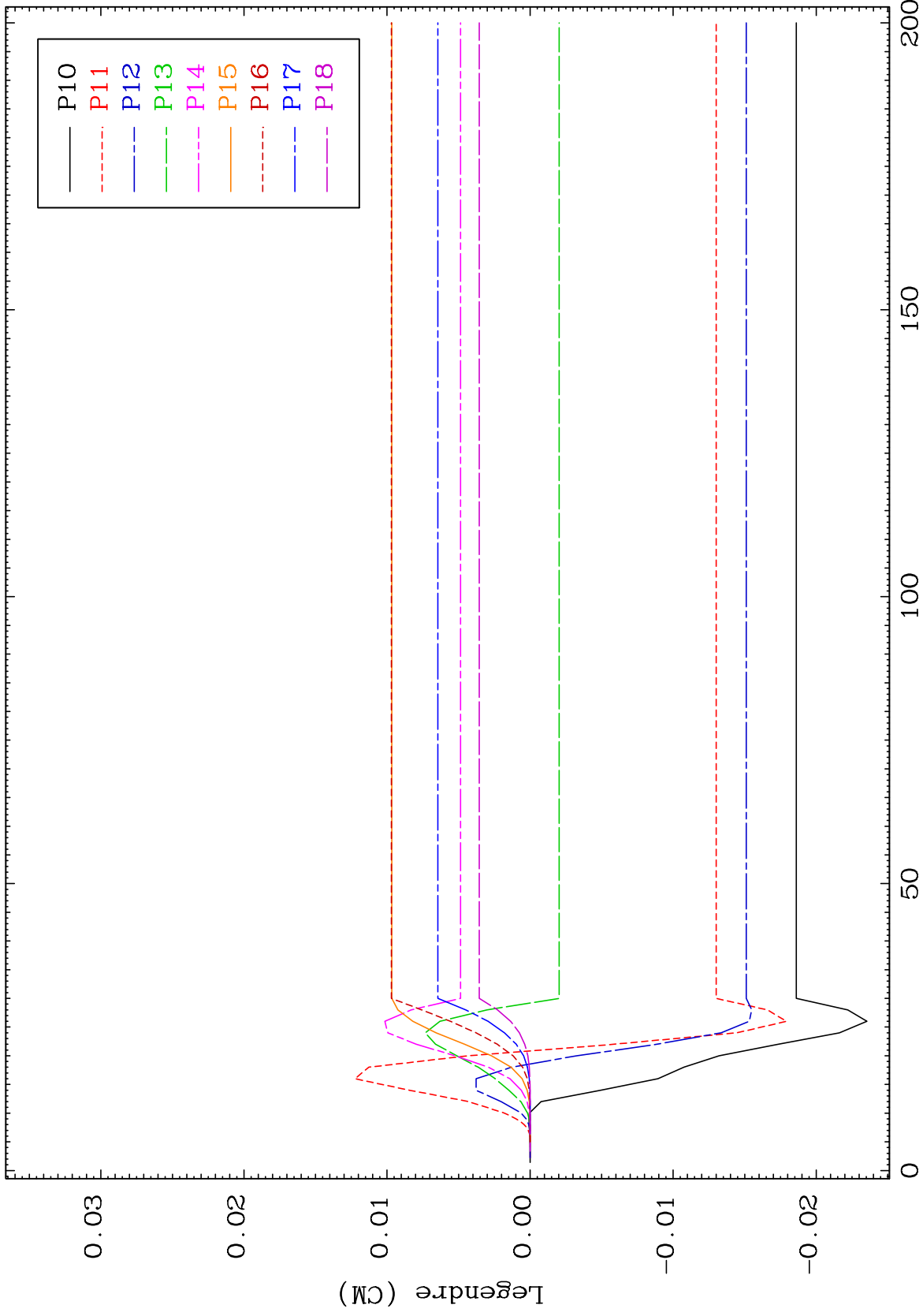




MAT 3507

481.4 keV (n,n') Level
Legendre Coefficients

35-Br-73



49

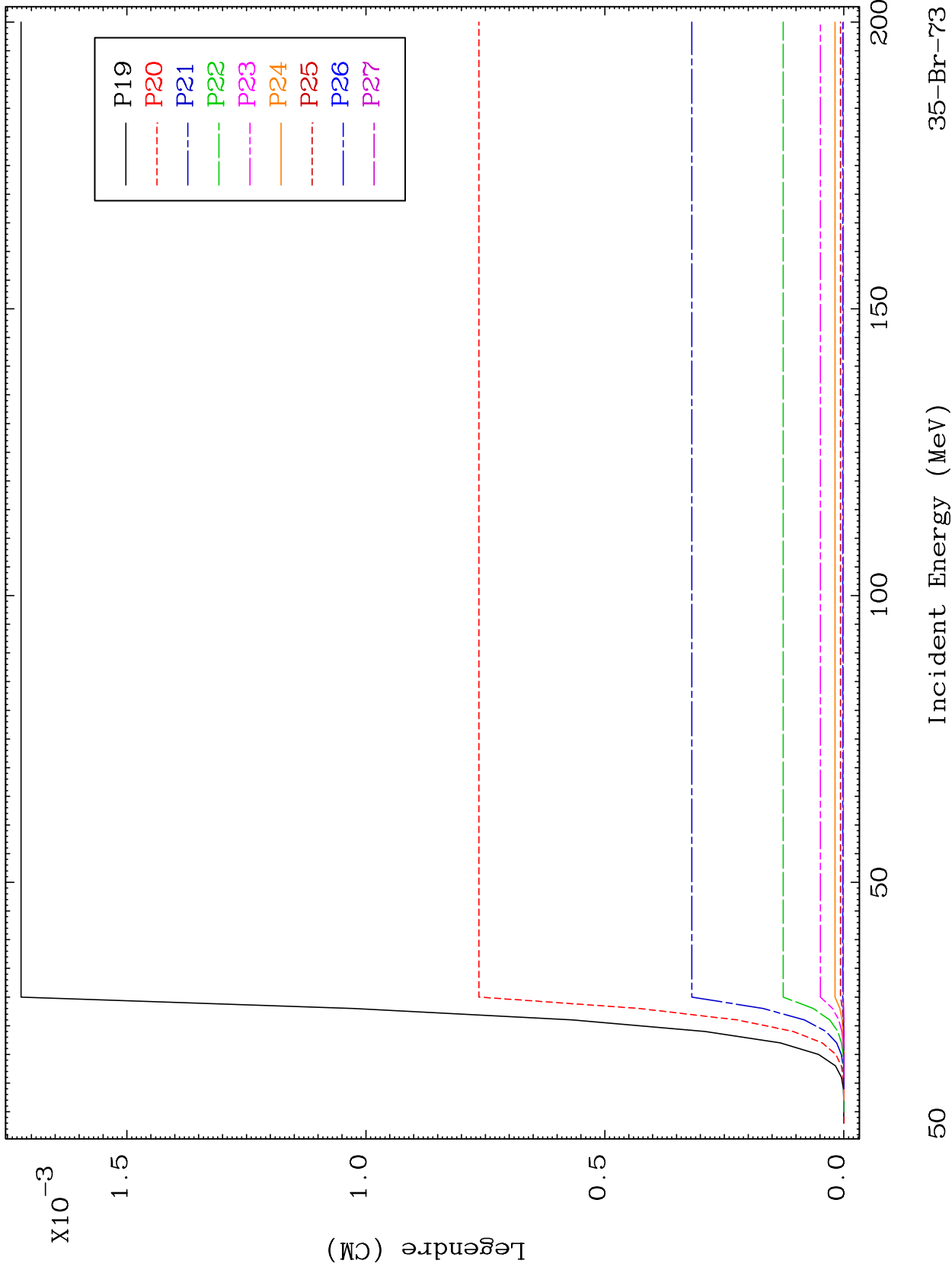
Incident Energy (MeV)

35-Br-73

MAT 3507

481.4 keV (n,n') Level
Legendre Coefficients

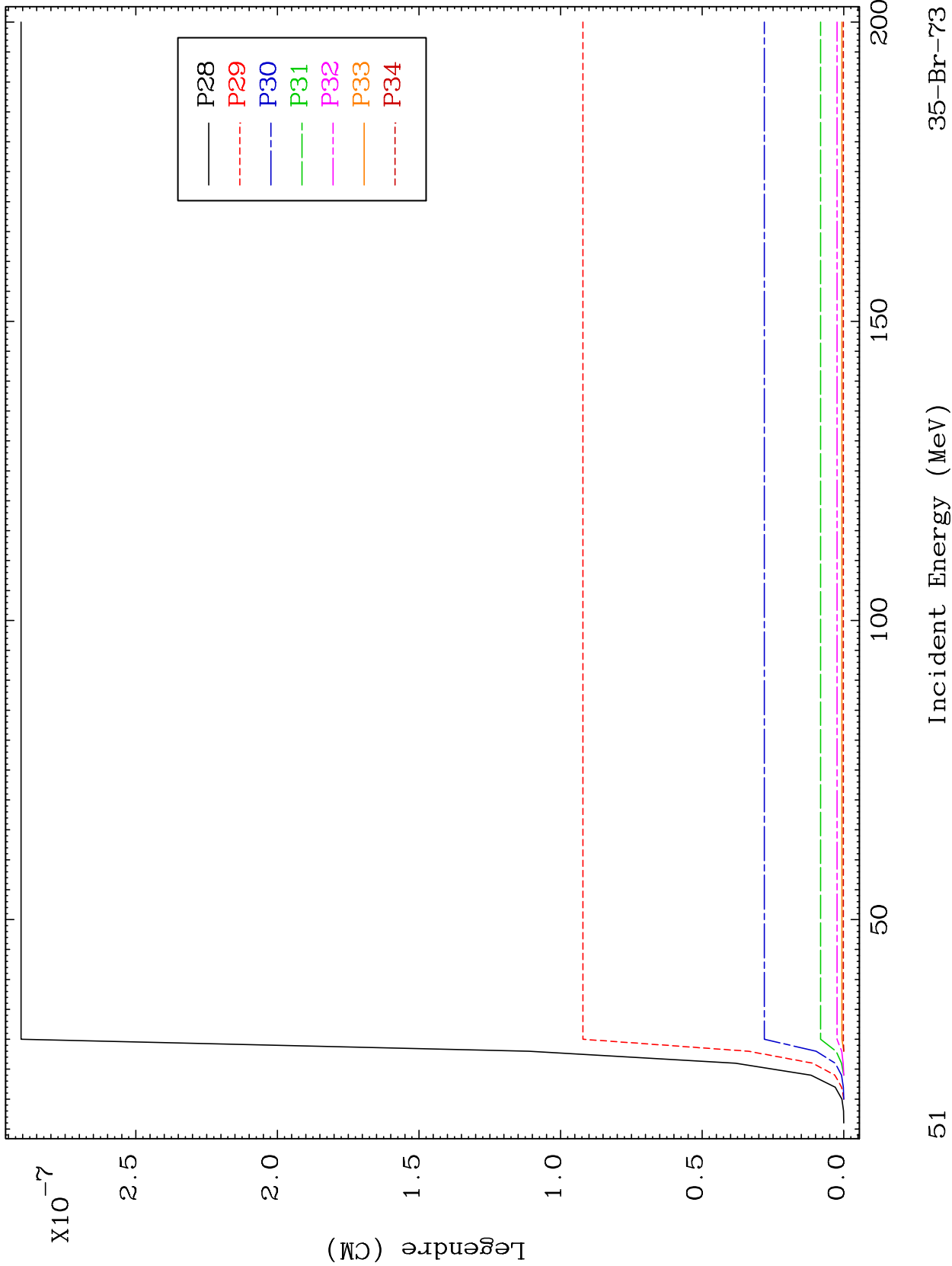
35-Br-73



50

Incident Energy (MeV)

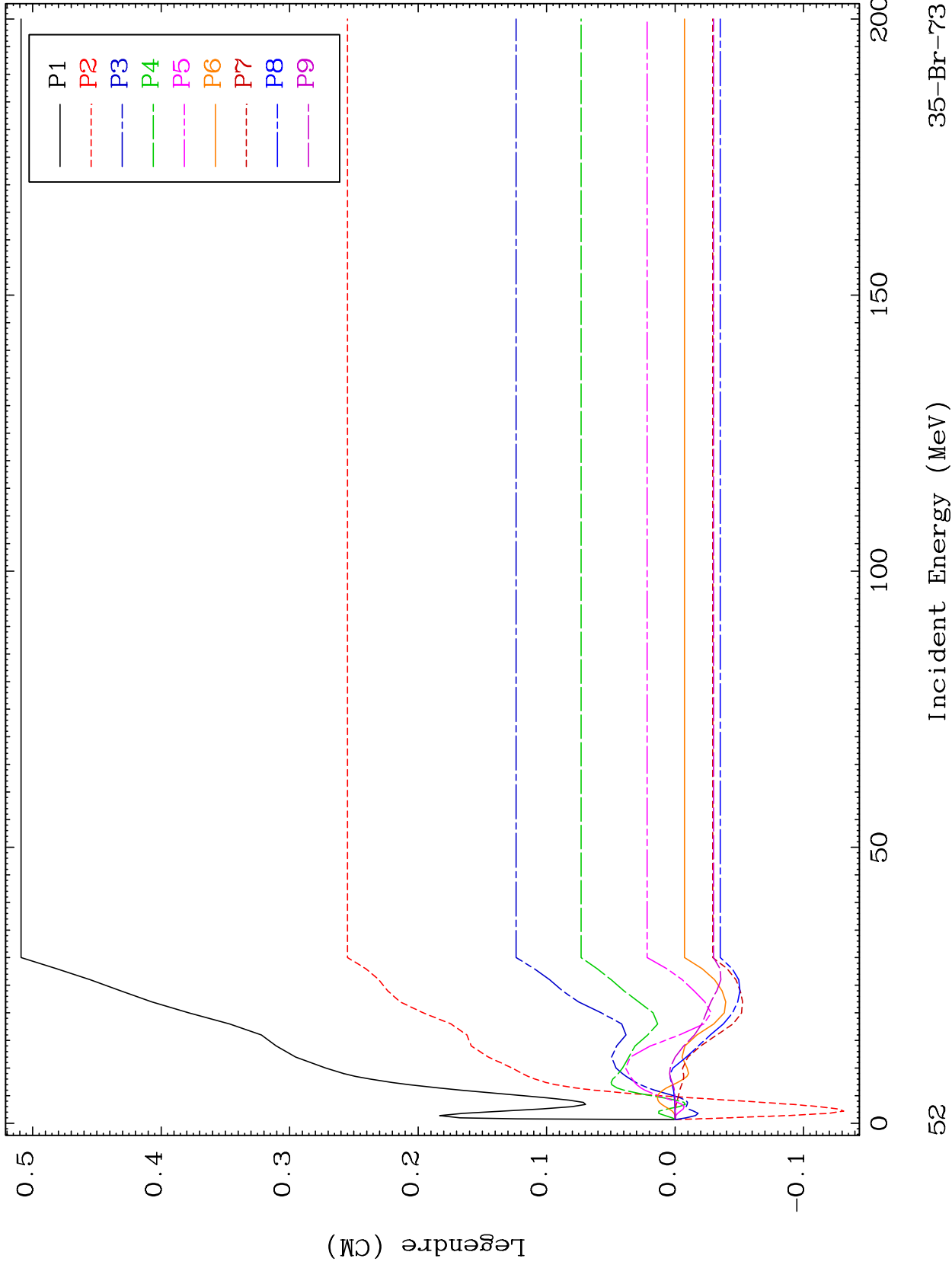
35-Br-73



MAT 3507

635.3 keV (n,n') Level
Legendre Coefficients

35-Br-73



35-Br-73

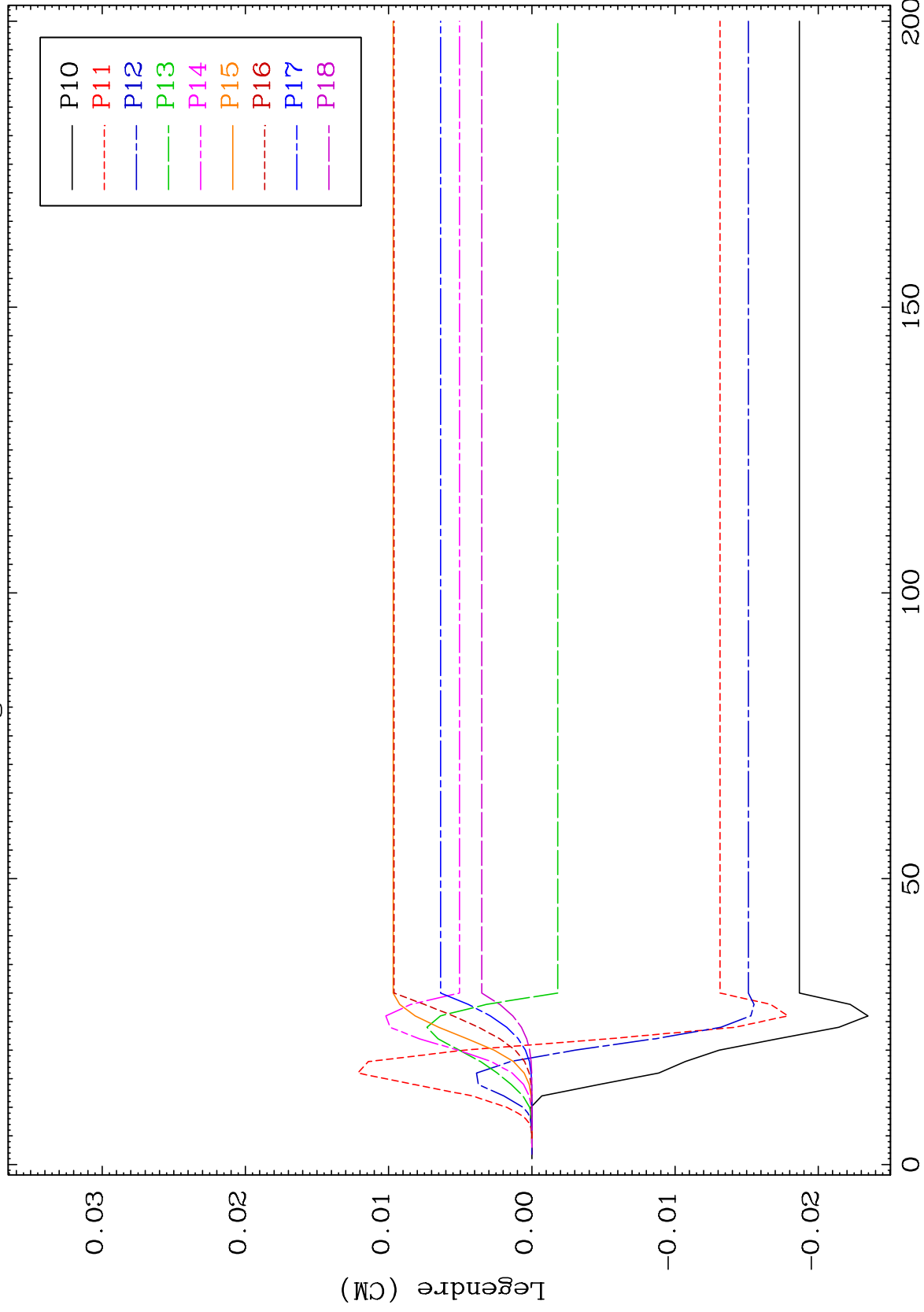
Incident Energy (MeV)

52

MAT 3507

635.3 keV (n,n') Level
Legendre Coefficients

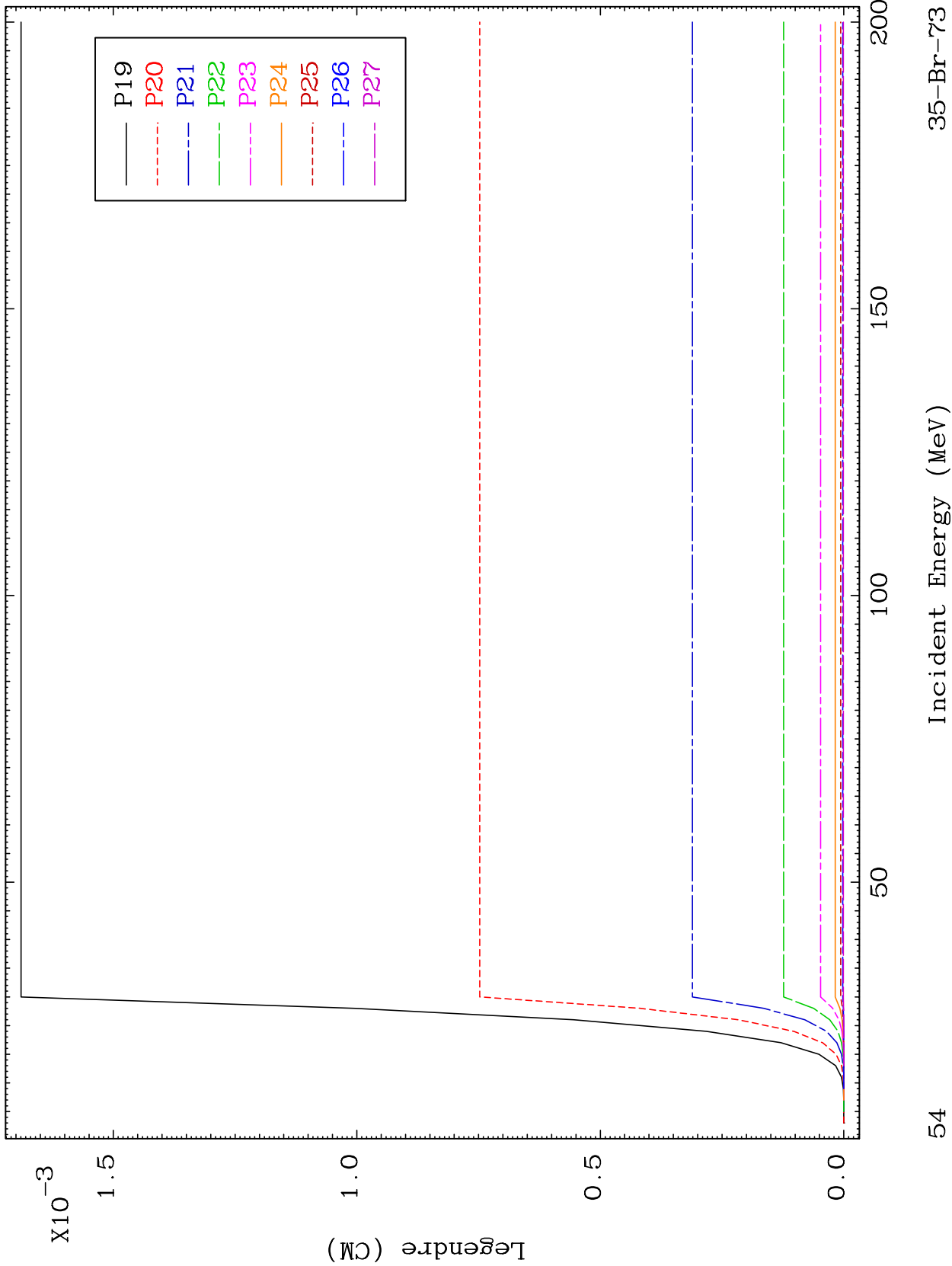
35-Br-73



53

Incident Energy (MeV)

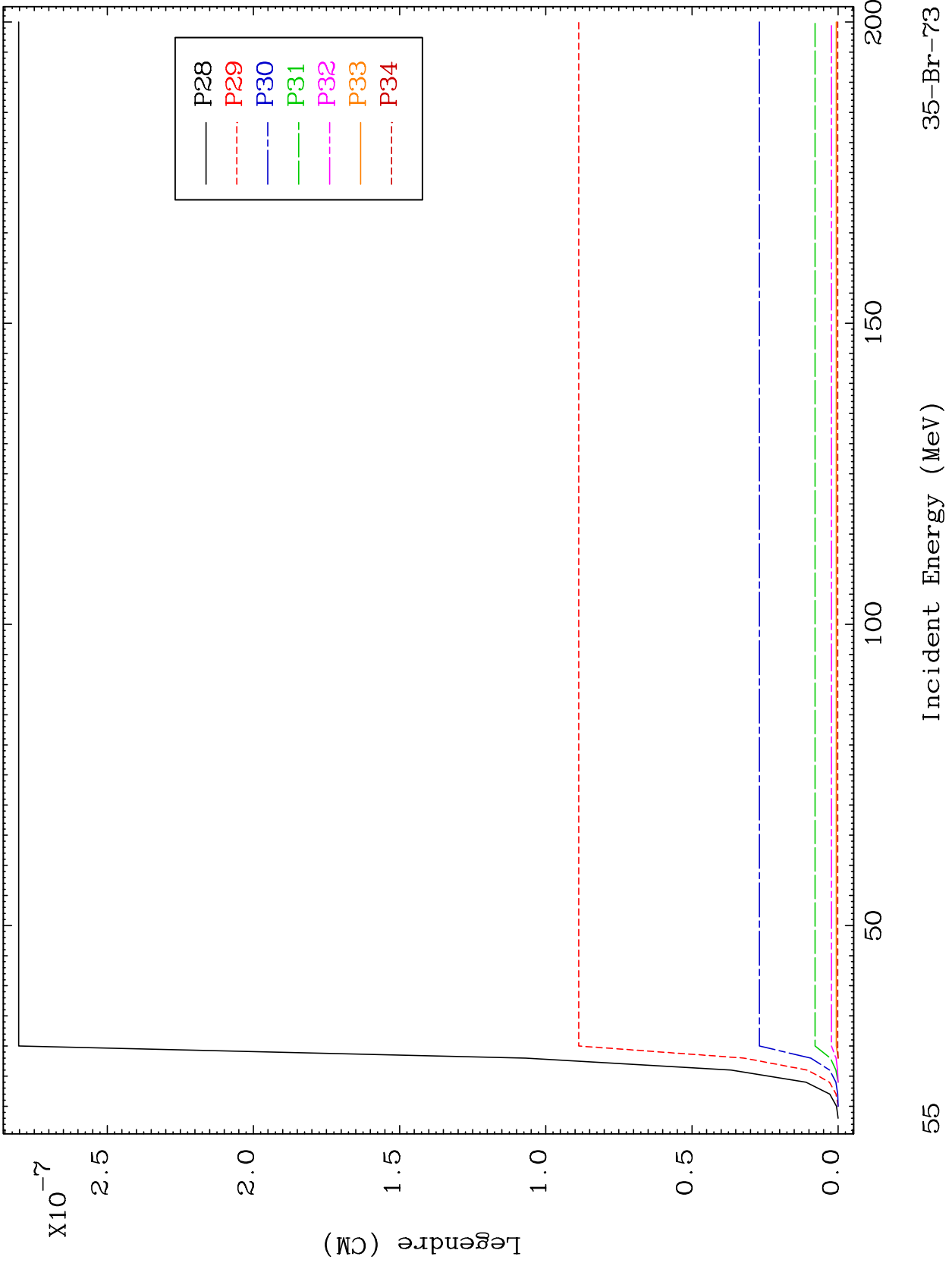
35-Br-73



MAT 3507

635.3 keV (n,n') Level
Legendre Coefficients

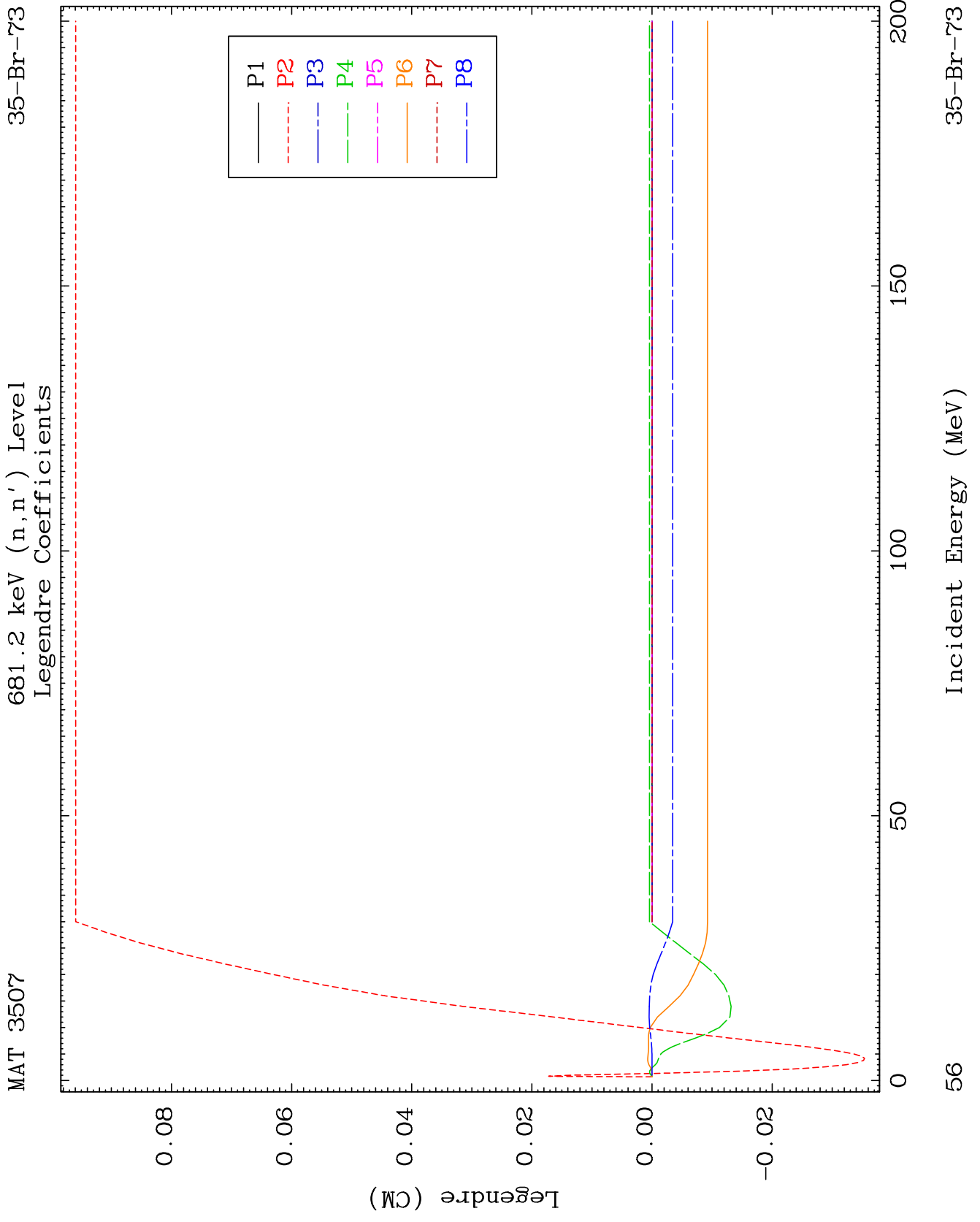
35-Br-73

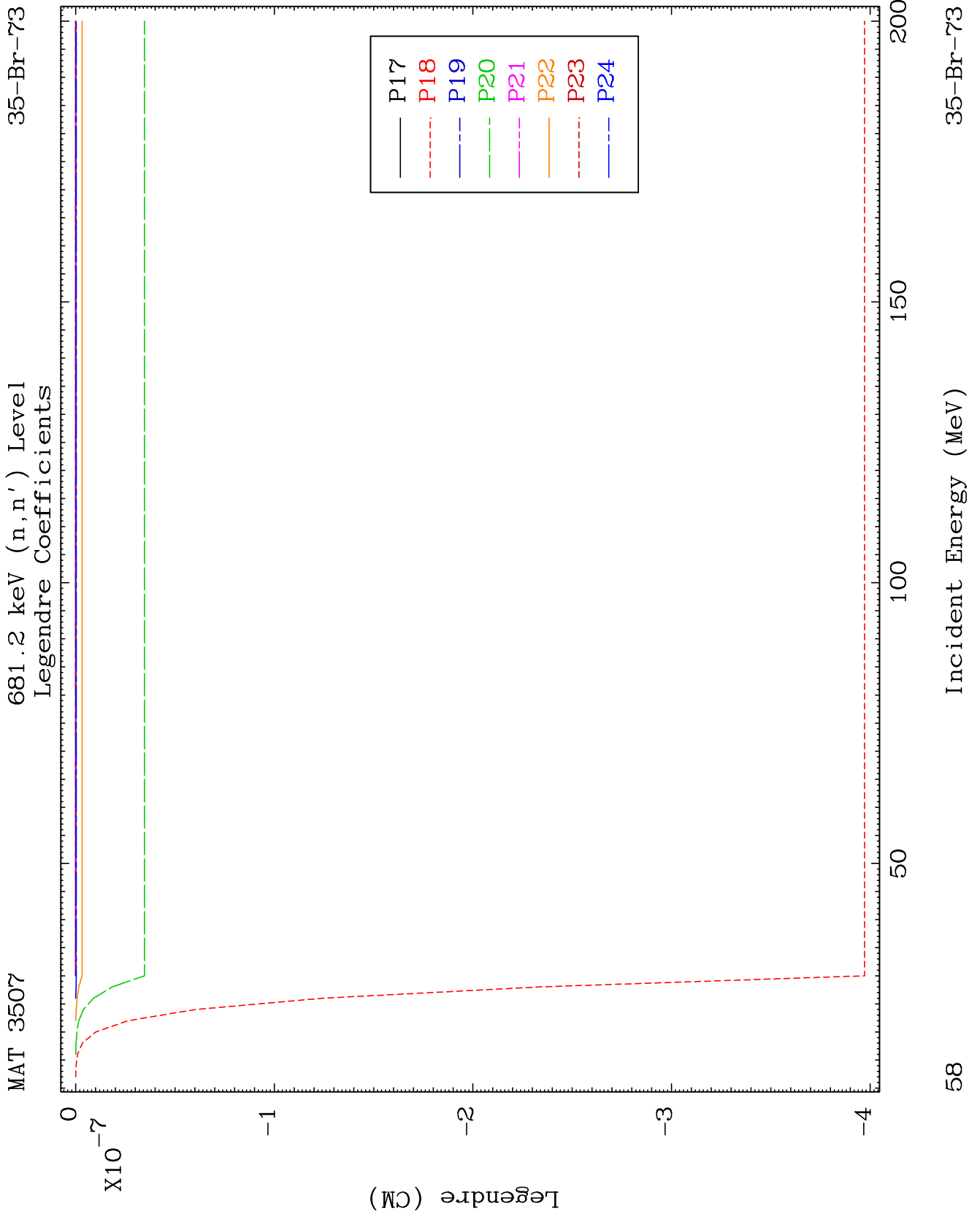


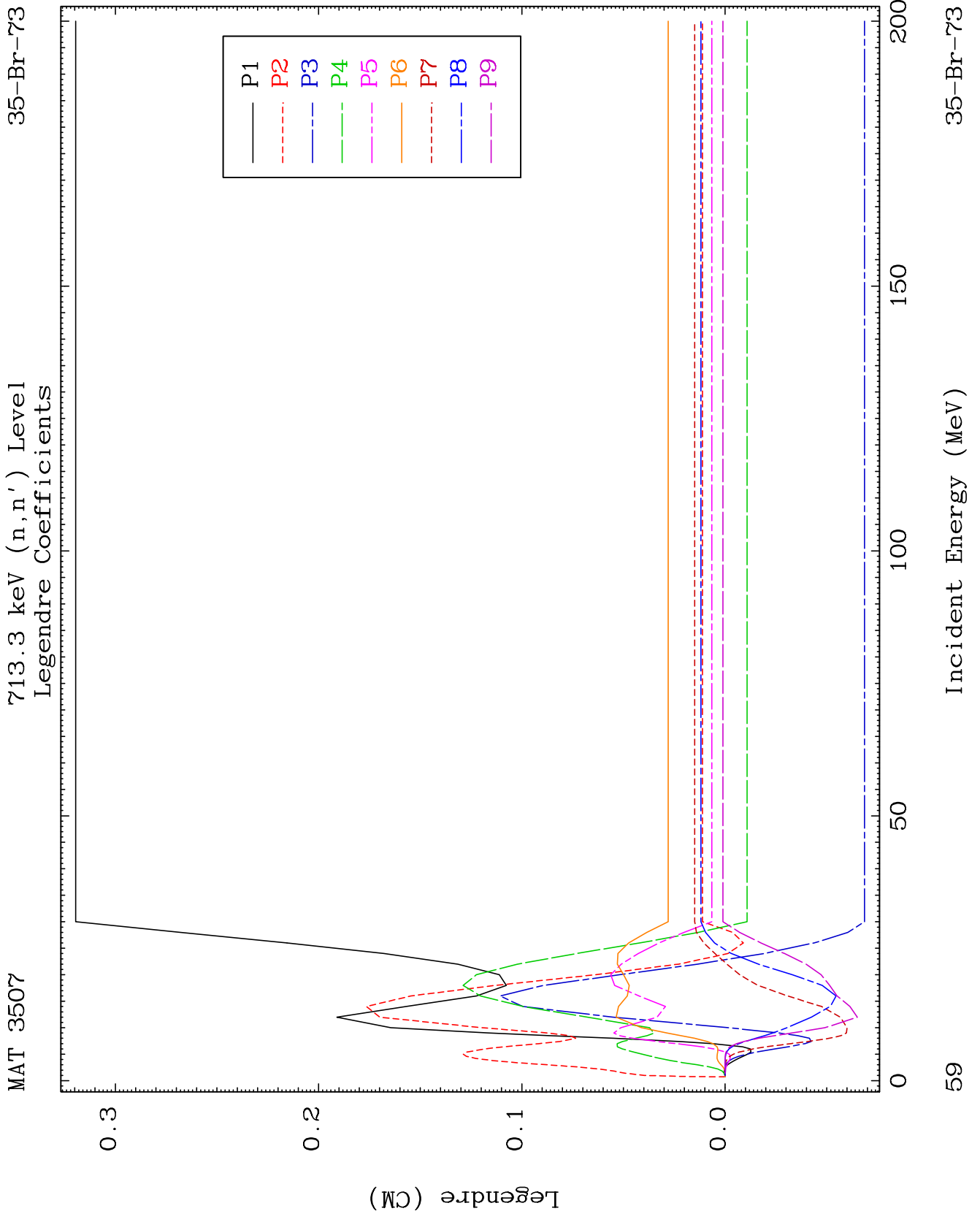
55

Incident Energy (MeV)

35-Br-73



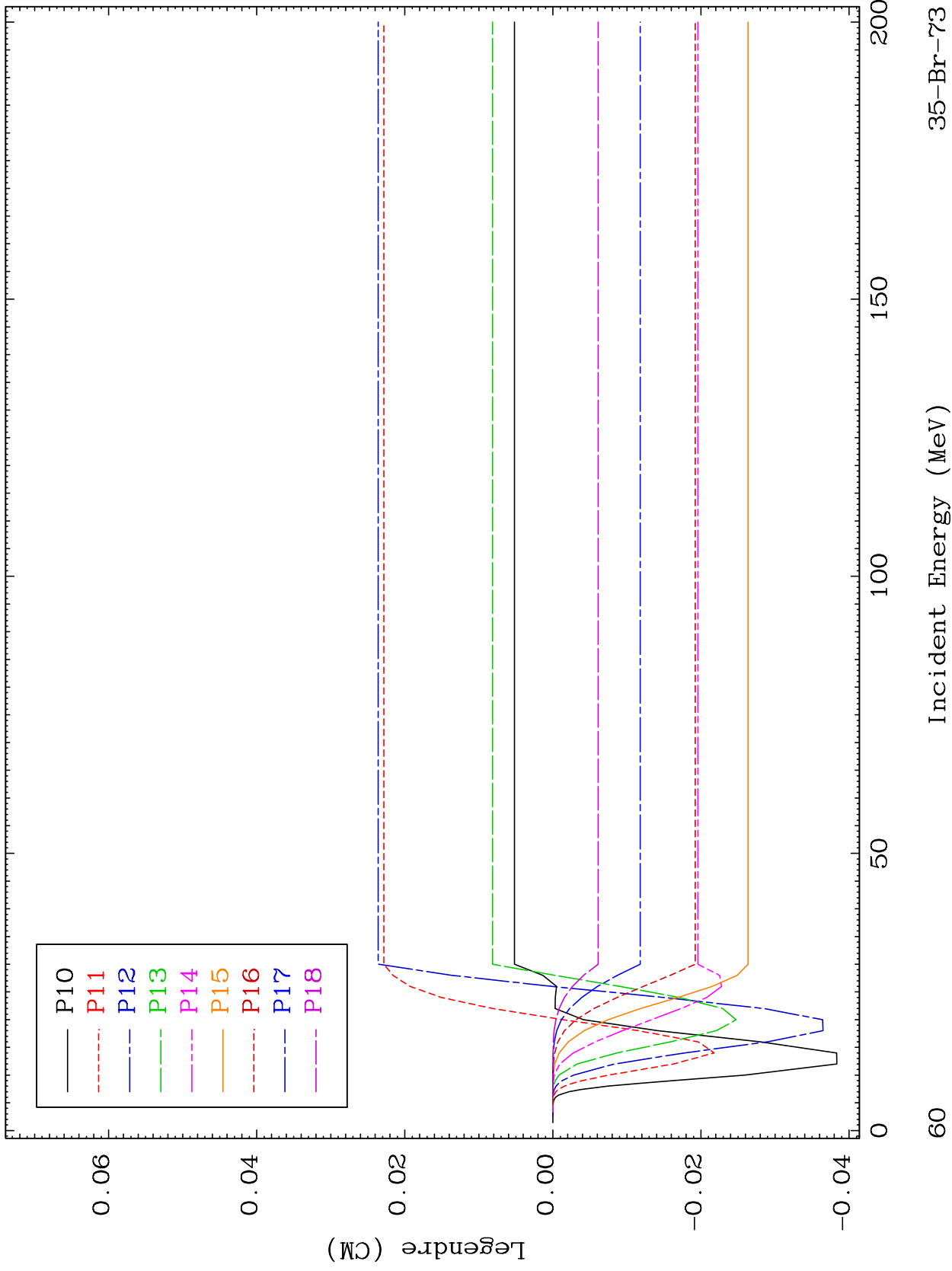


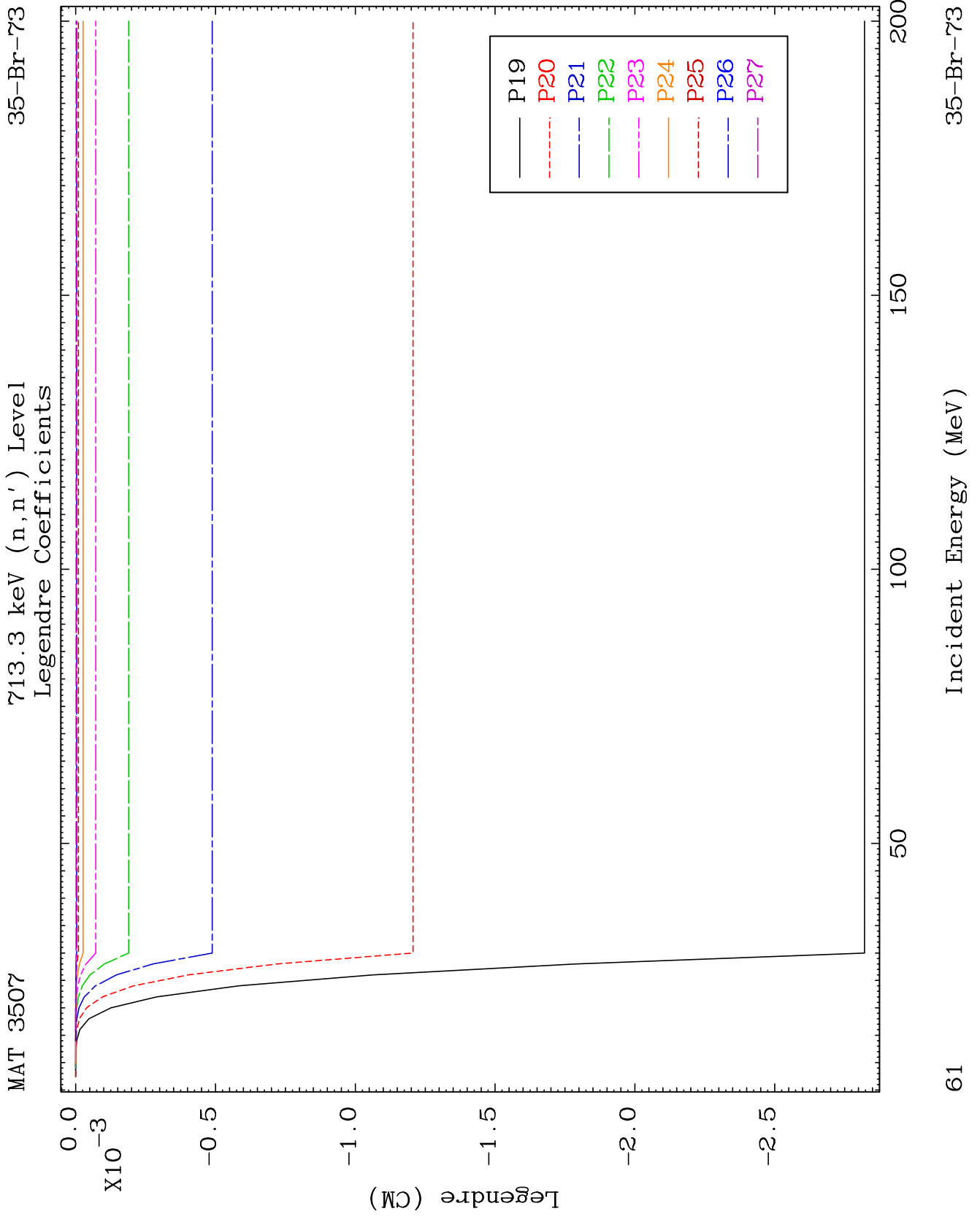


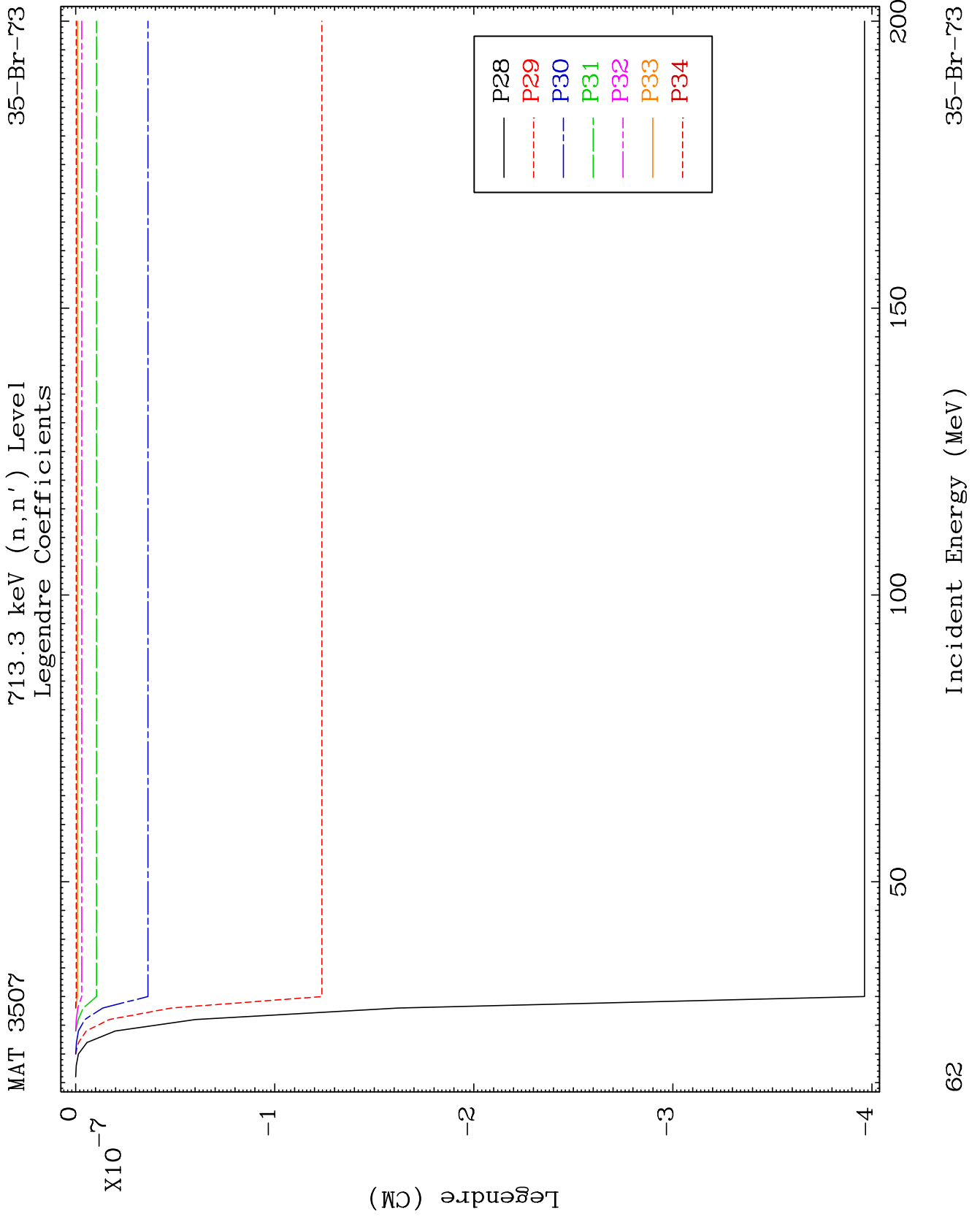
MAT 3507

713.3 keV (n,n') Level
Legendre Coefficients

35-Br-73



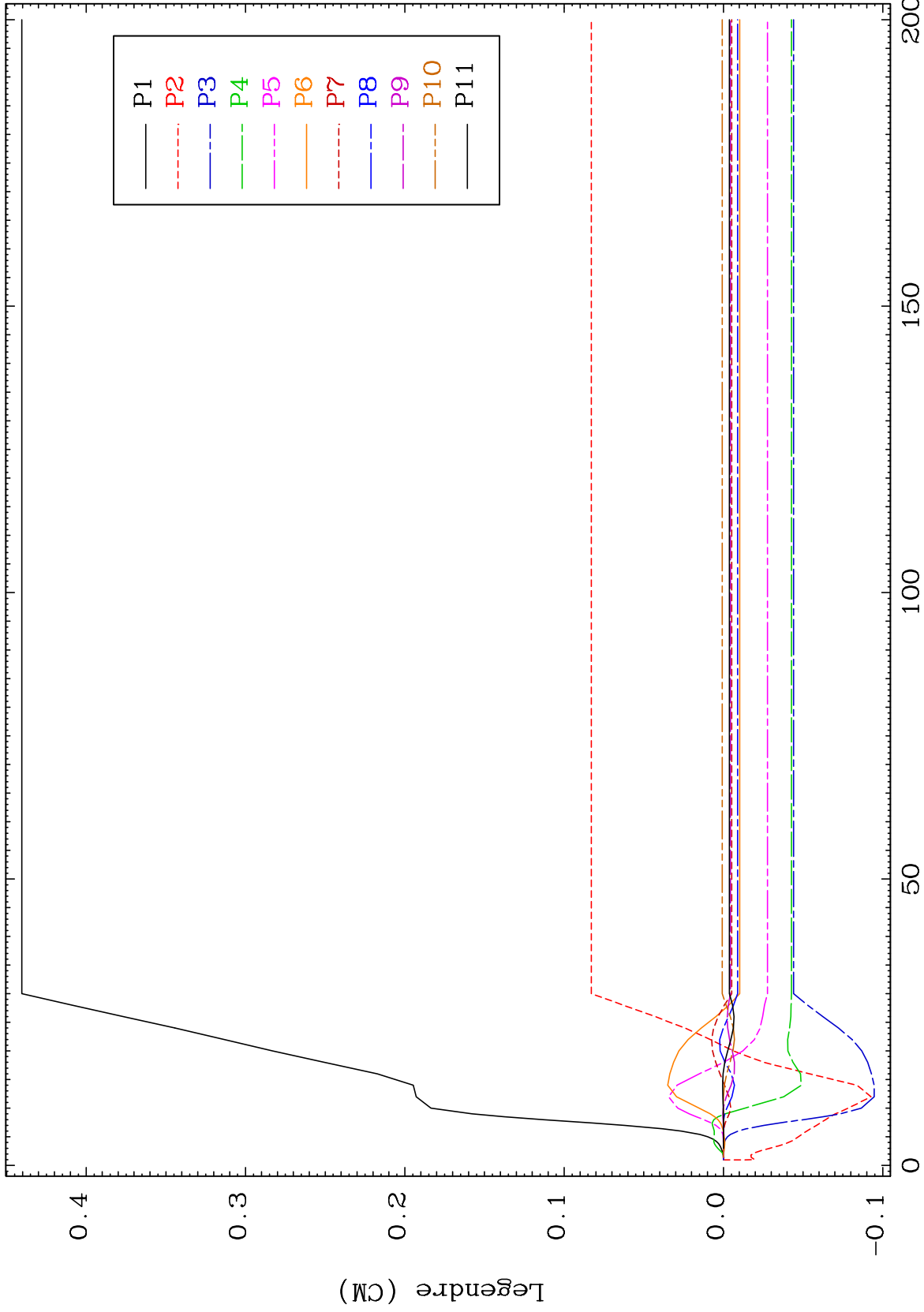




MAT 3507

943.2 keV (n,n') Level
Legendre Coefficients

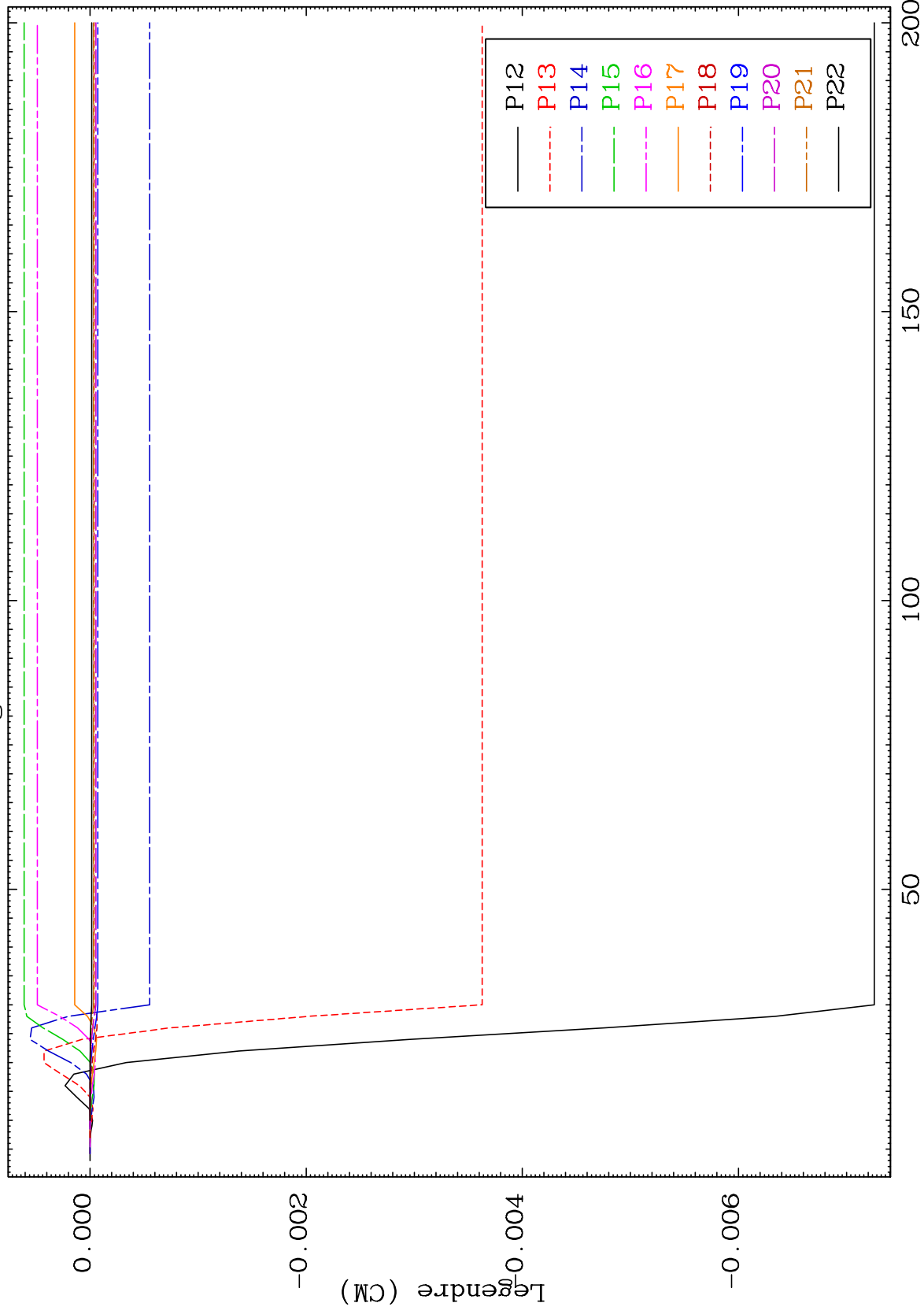
35-Br-73



MAT 3507

943.2 keV (n,n') Level
Legendre Coefficients

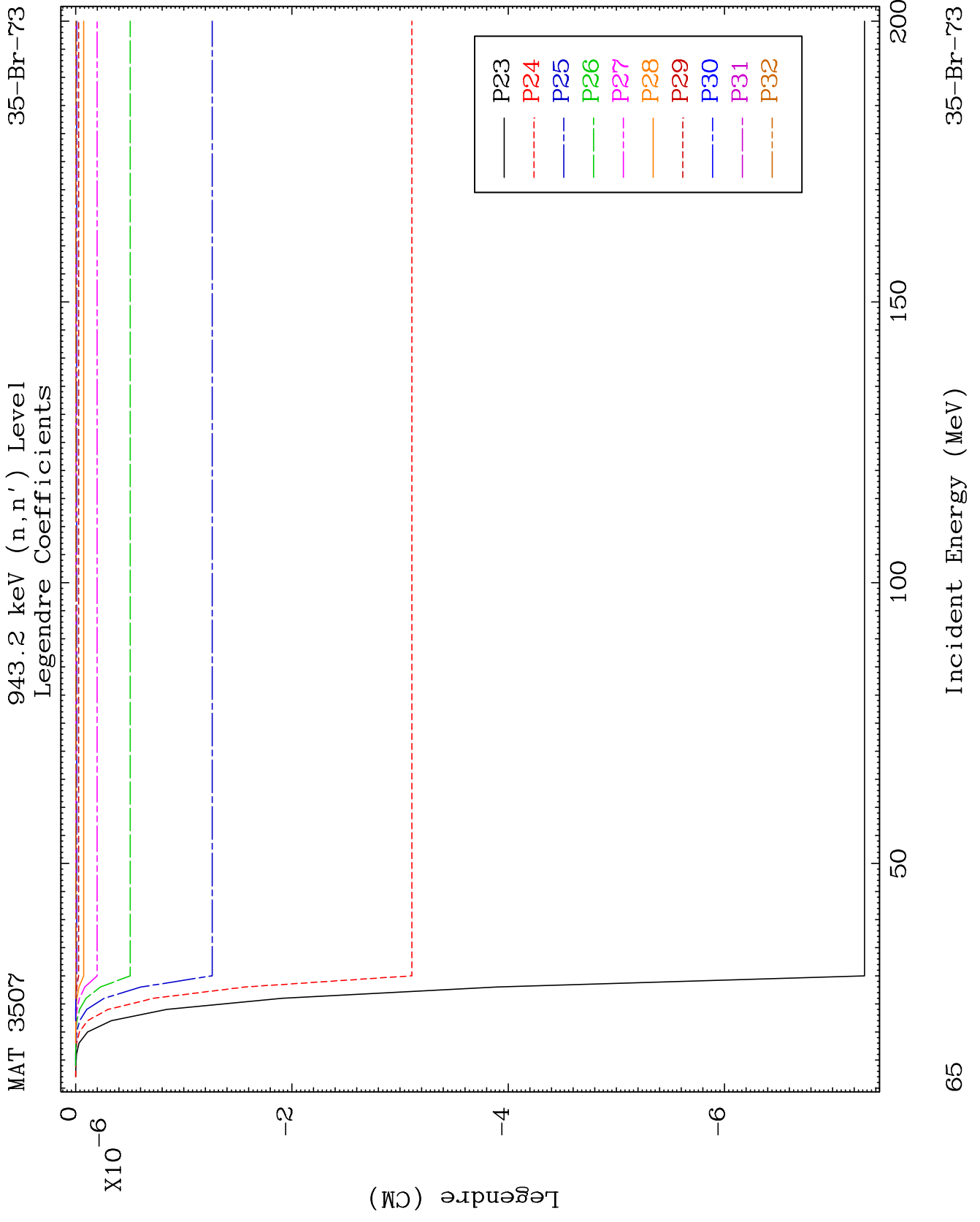
35-Br-73



64

Incident Energy (MeV)

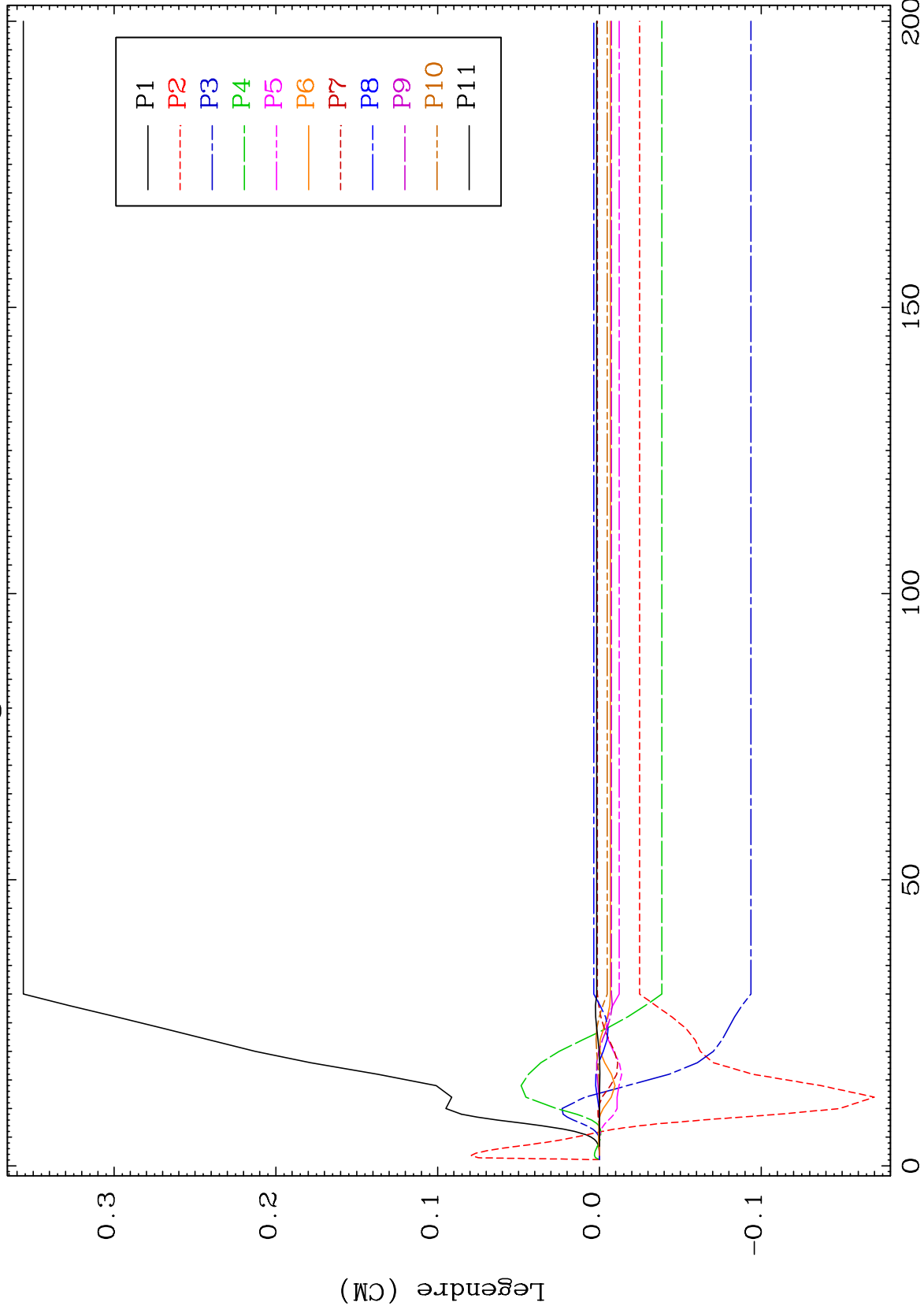
35-Br-73



MAT 3507

1.057 MeV (n,n') Level
Legendre Coefficients

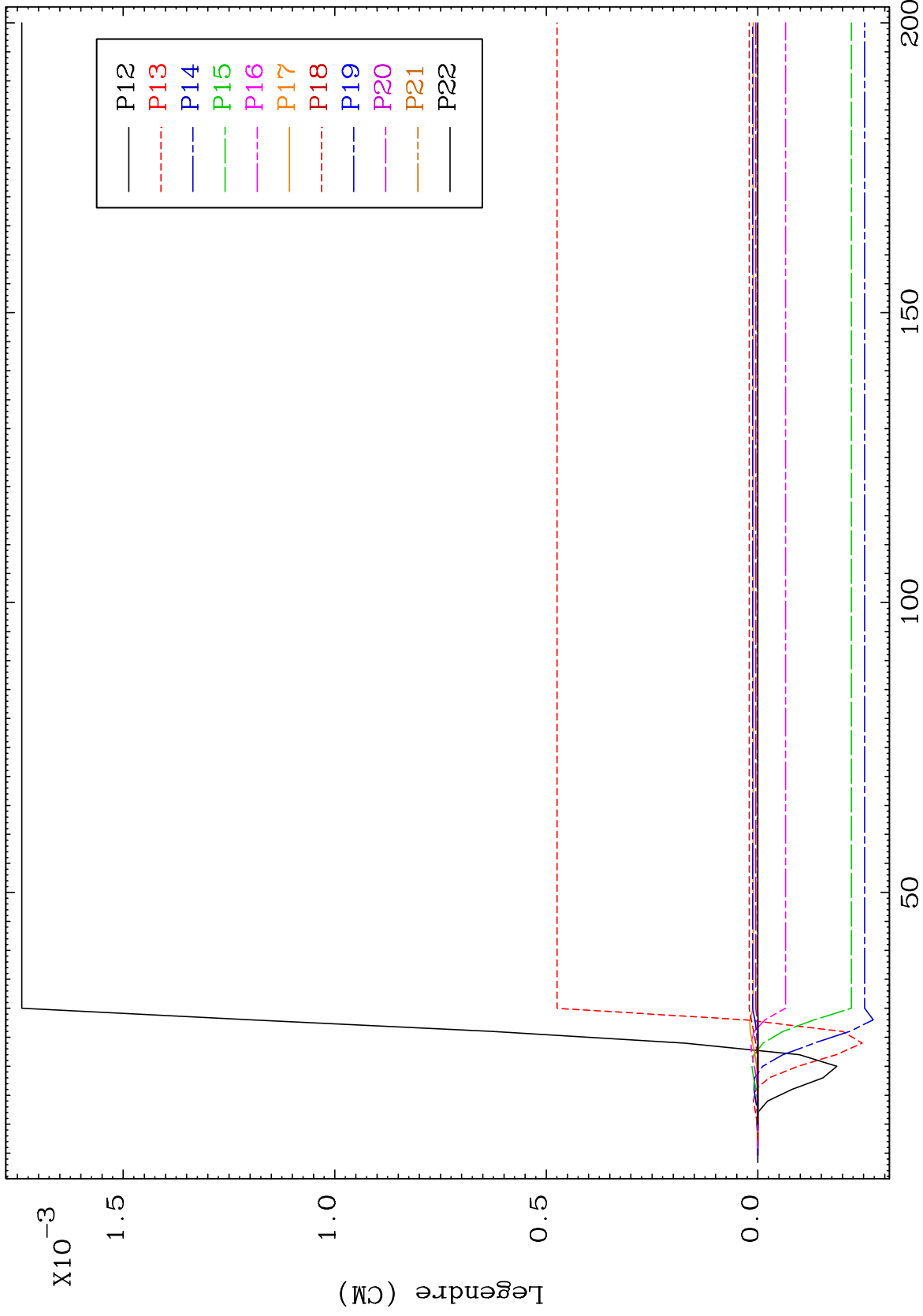
35-Br-73



66

Incident Energy (MeV)

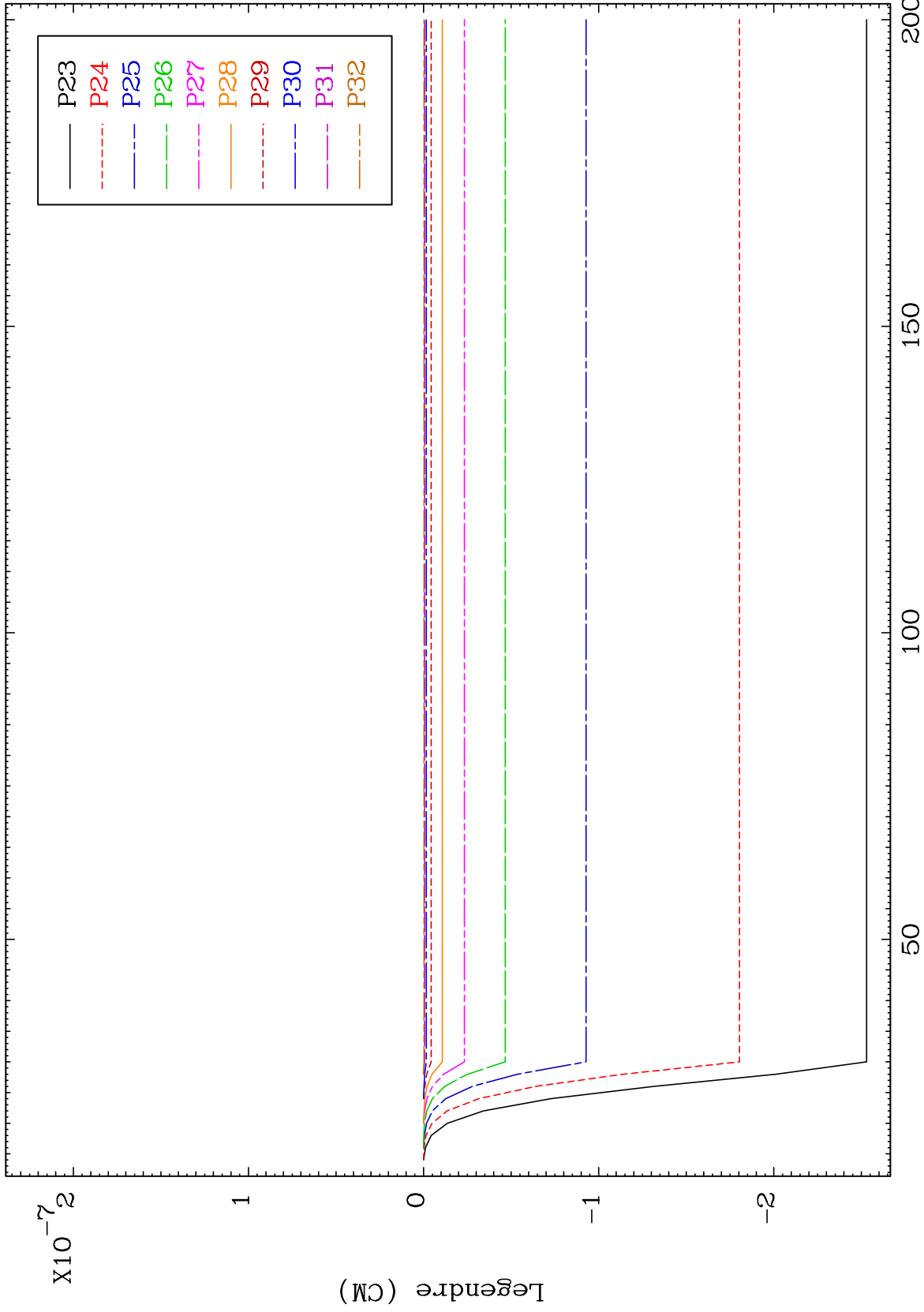
35-Br-73



MAT 3507

1.057 MeV (n,n') Level
Legendre Coefficients

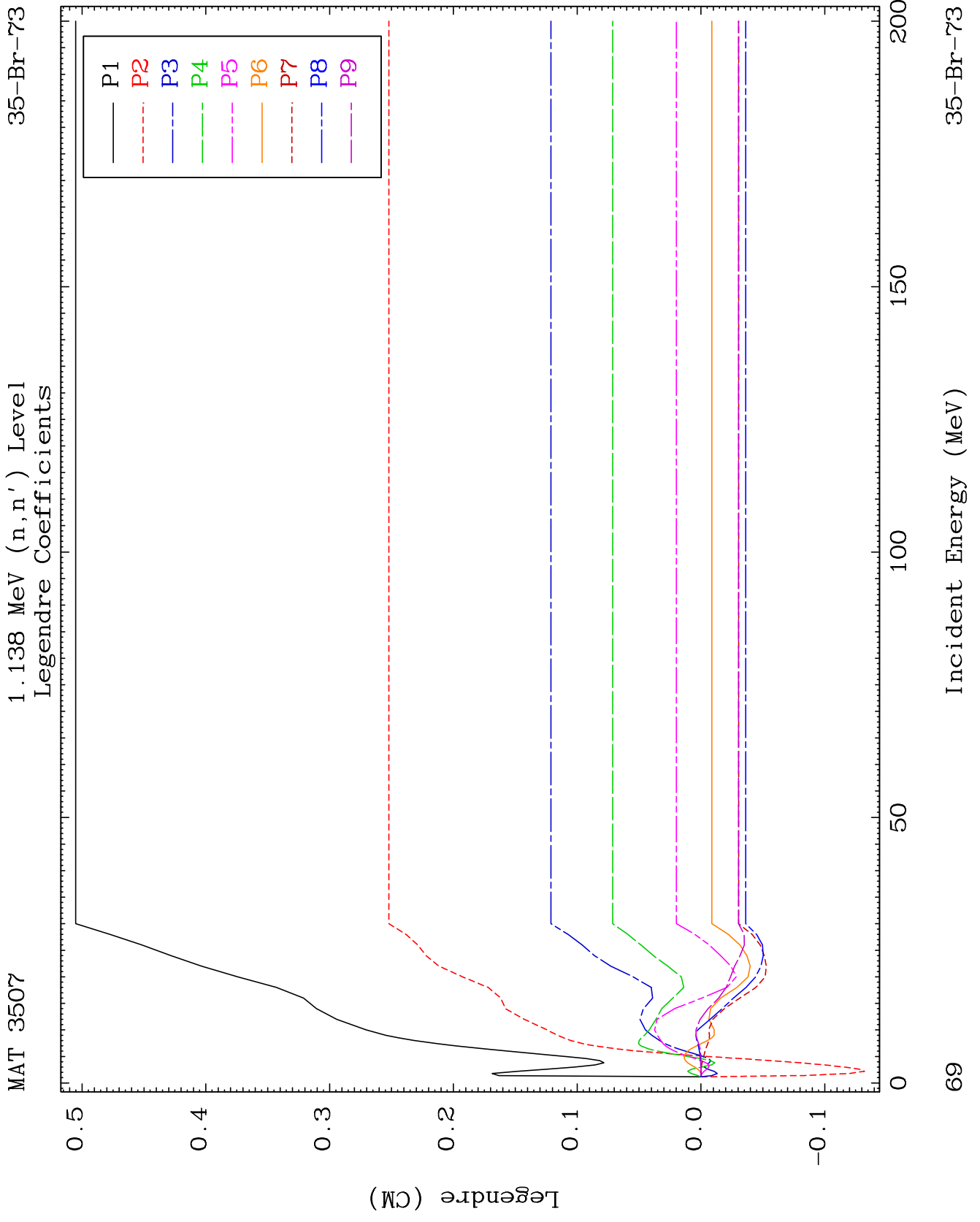
35-Br-73



68

Incident Energy (MeV)

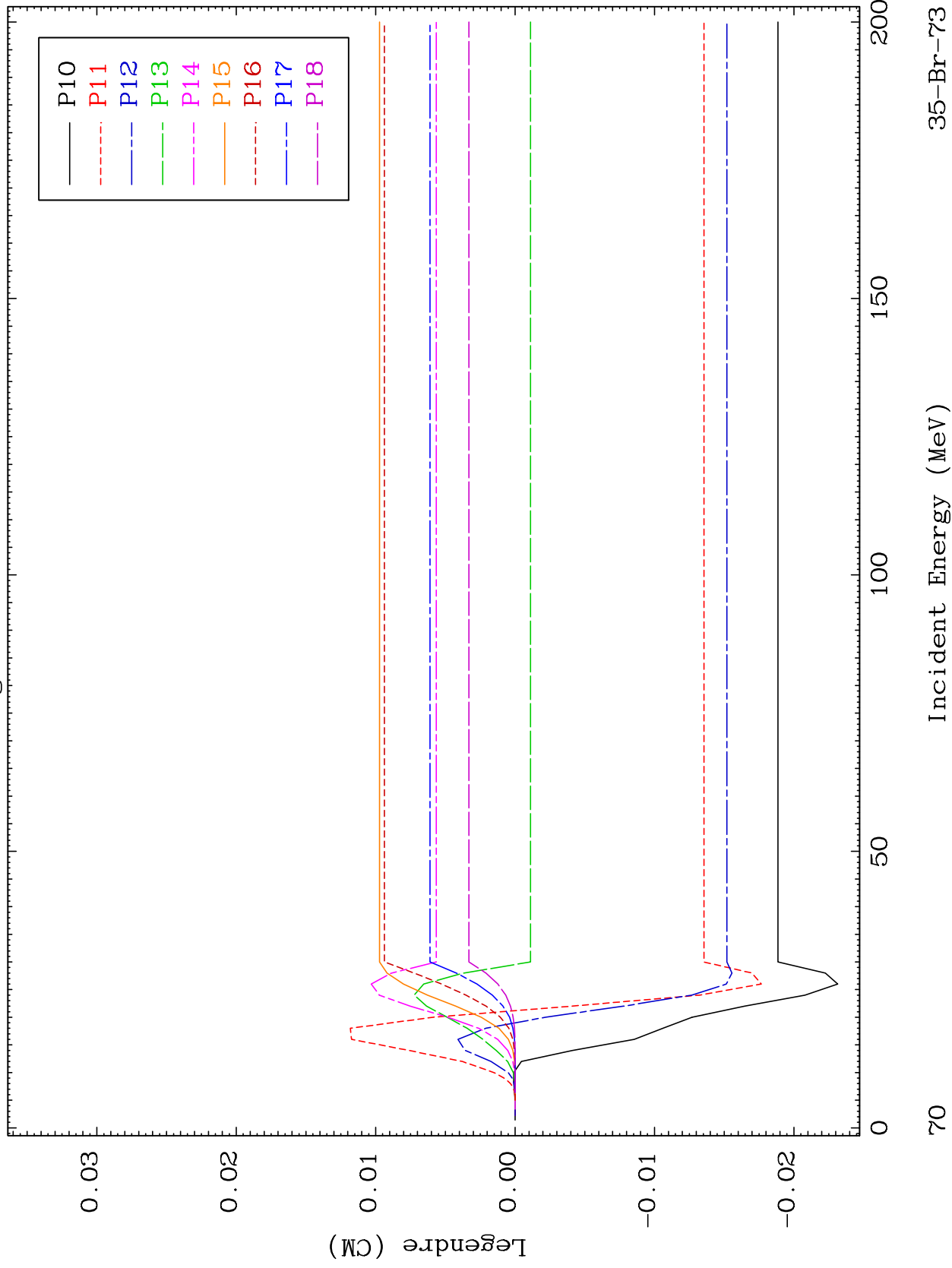
35-Br-73



MAT 3507

1.138 MeV (n,n') Level
Legendre Coefficients

35-Br-73



35-Br-73

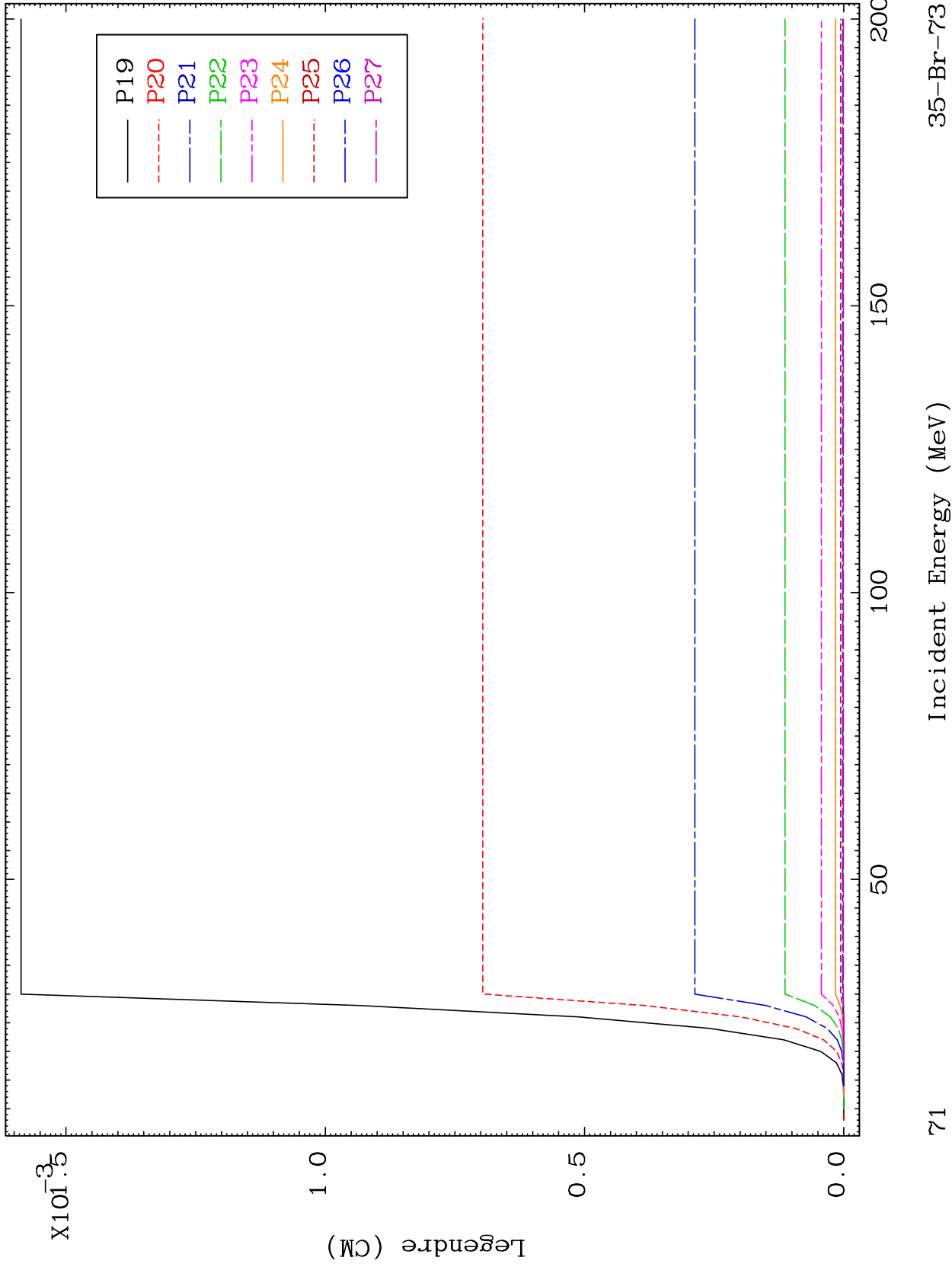
Incident Energy (MeV)

70

MAT 3507

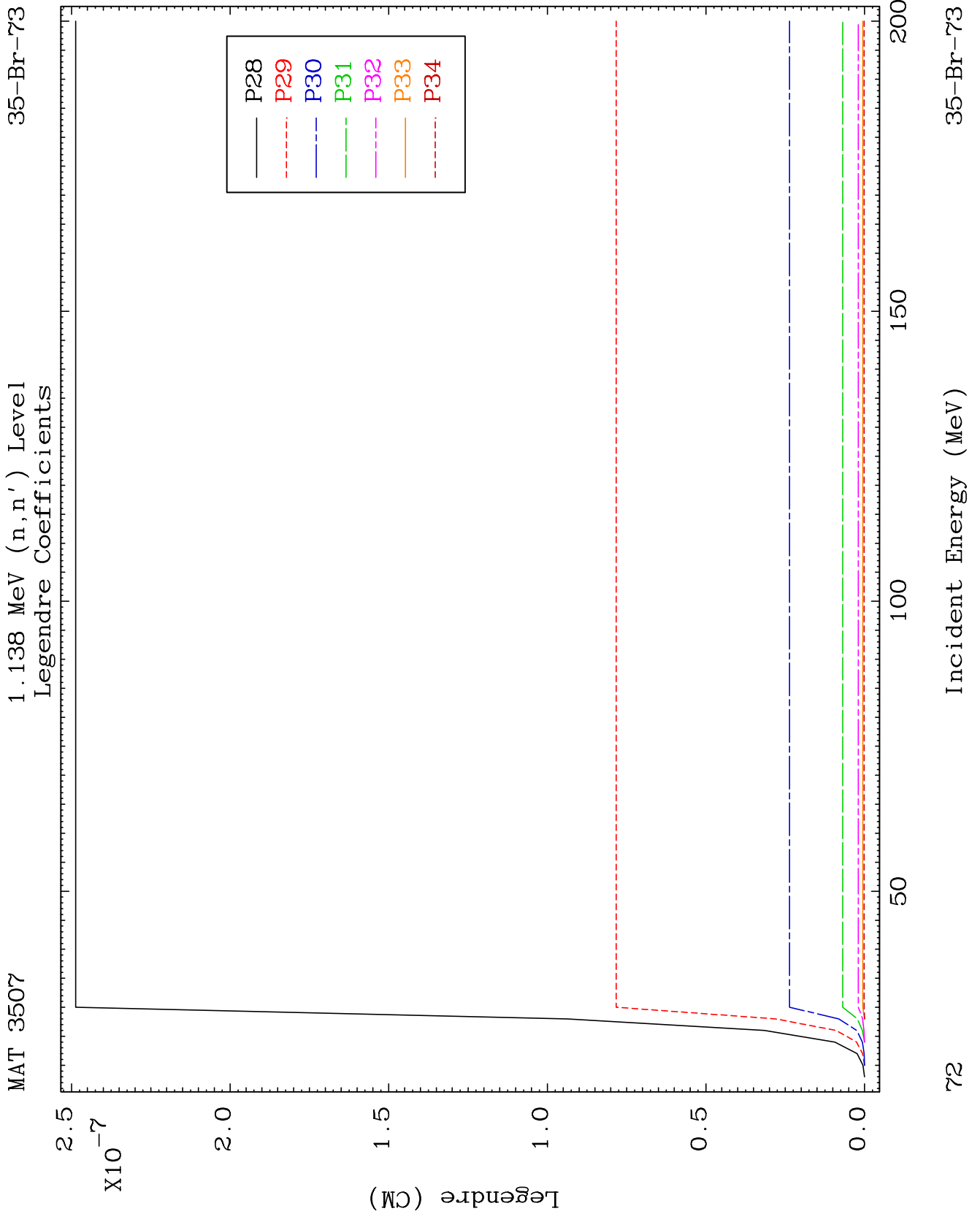
1.138 MeV (n,n') Level
Legendre Coefficients

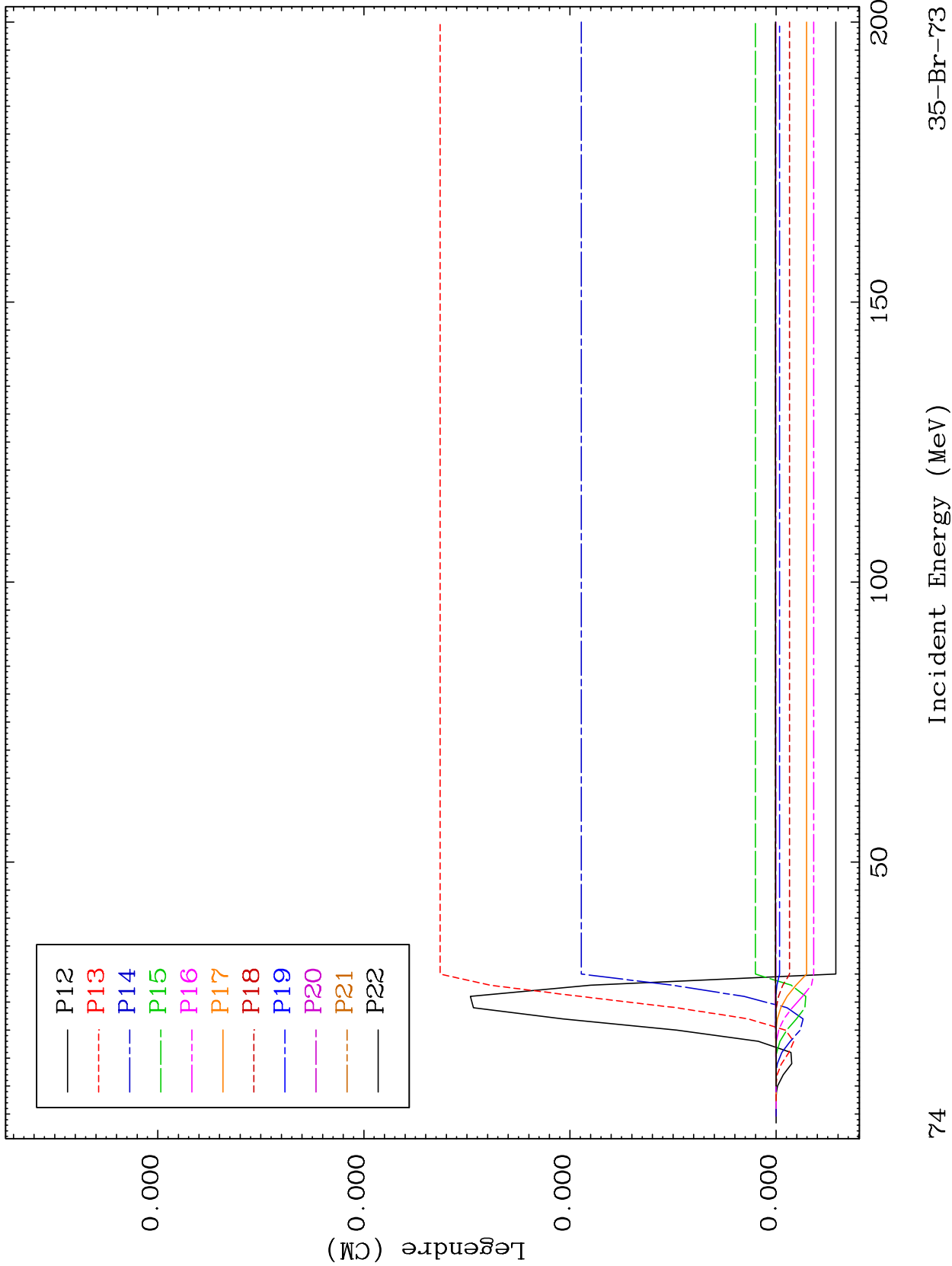
35-Br-73



71

35-Br-73

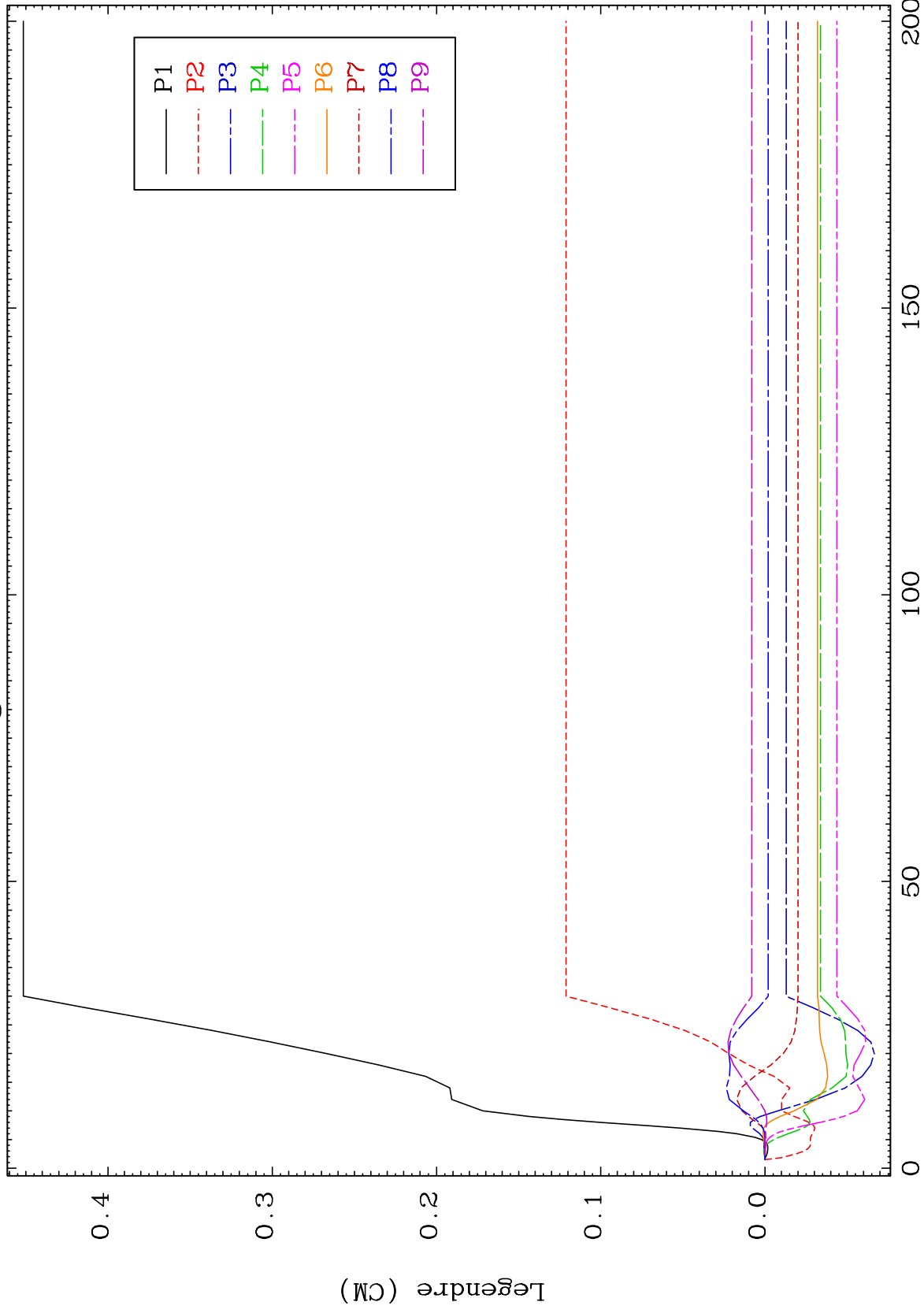




MAT 3507

1.473 MeV (n,n') Level
Legendre Coefficients

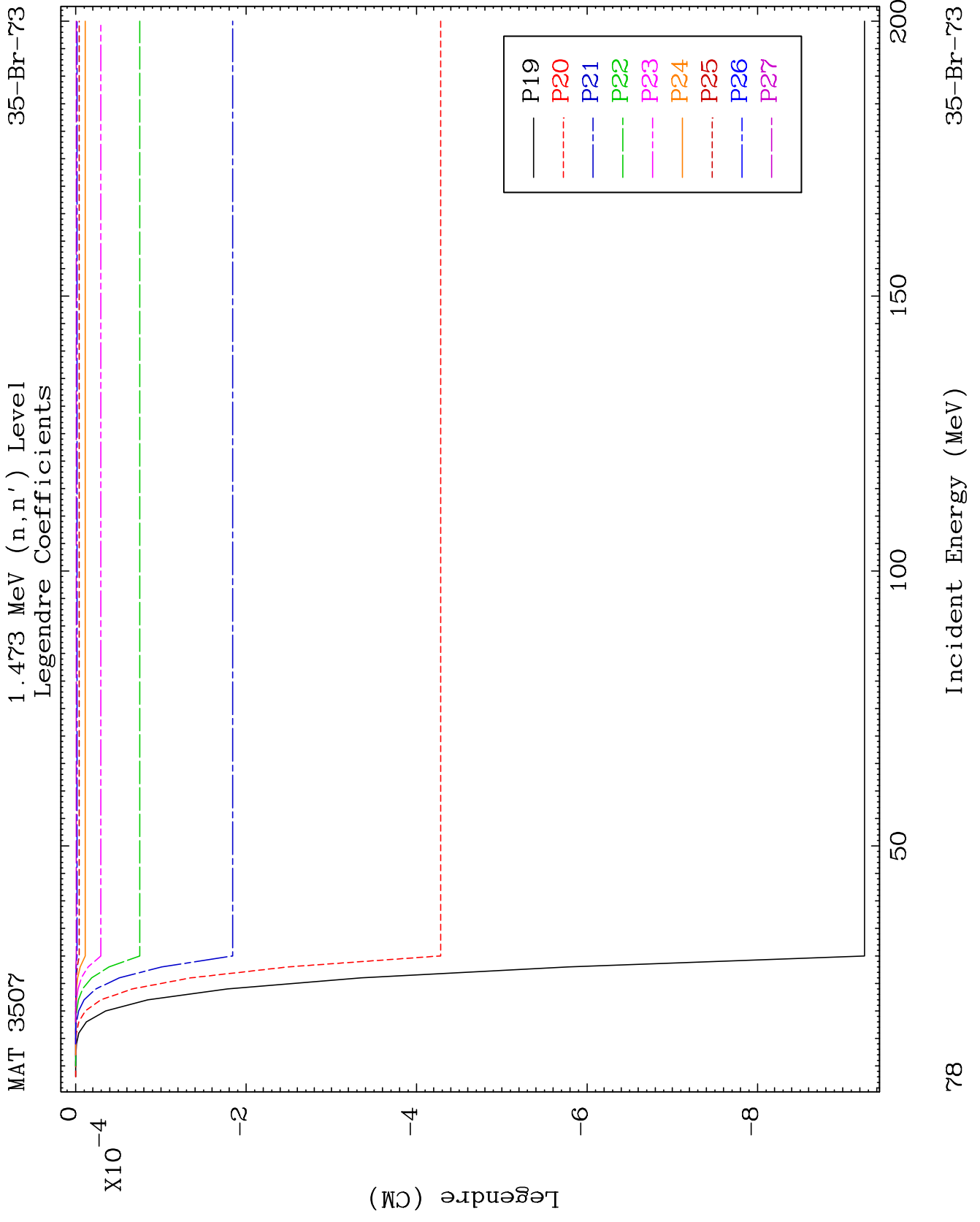
35-Br-73

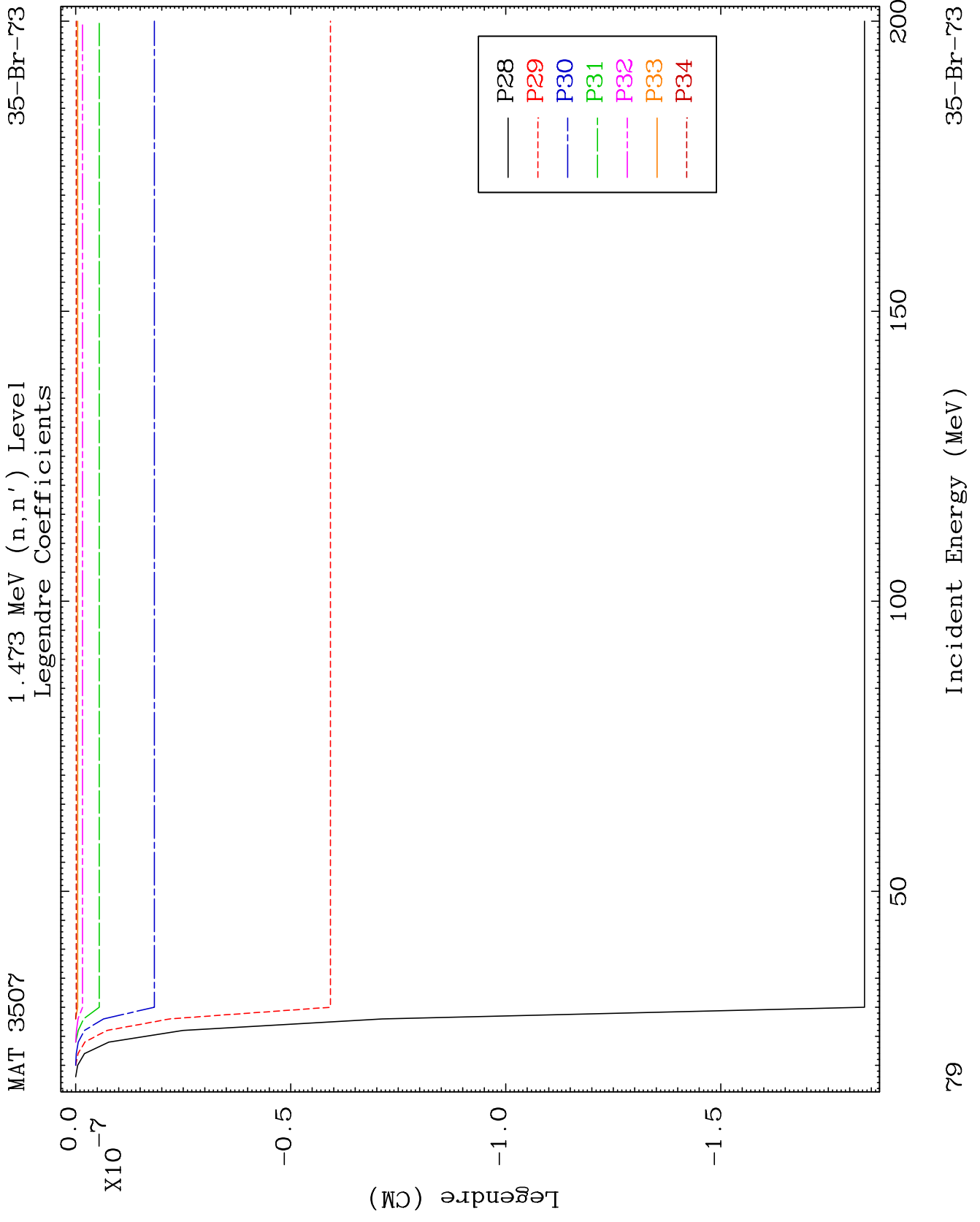


76

Incident Energy (MeV)

35-Br-73

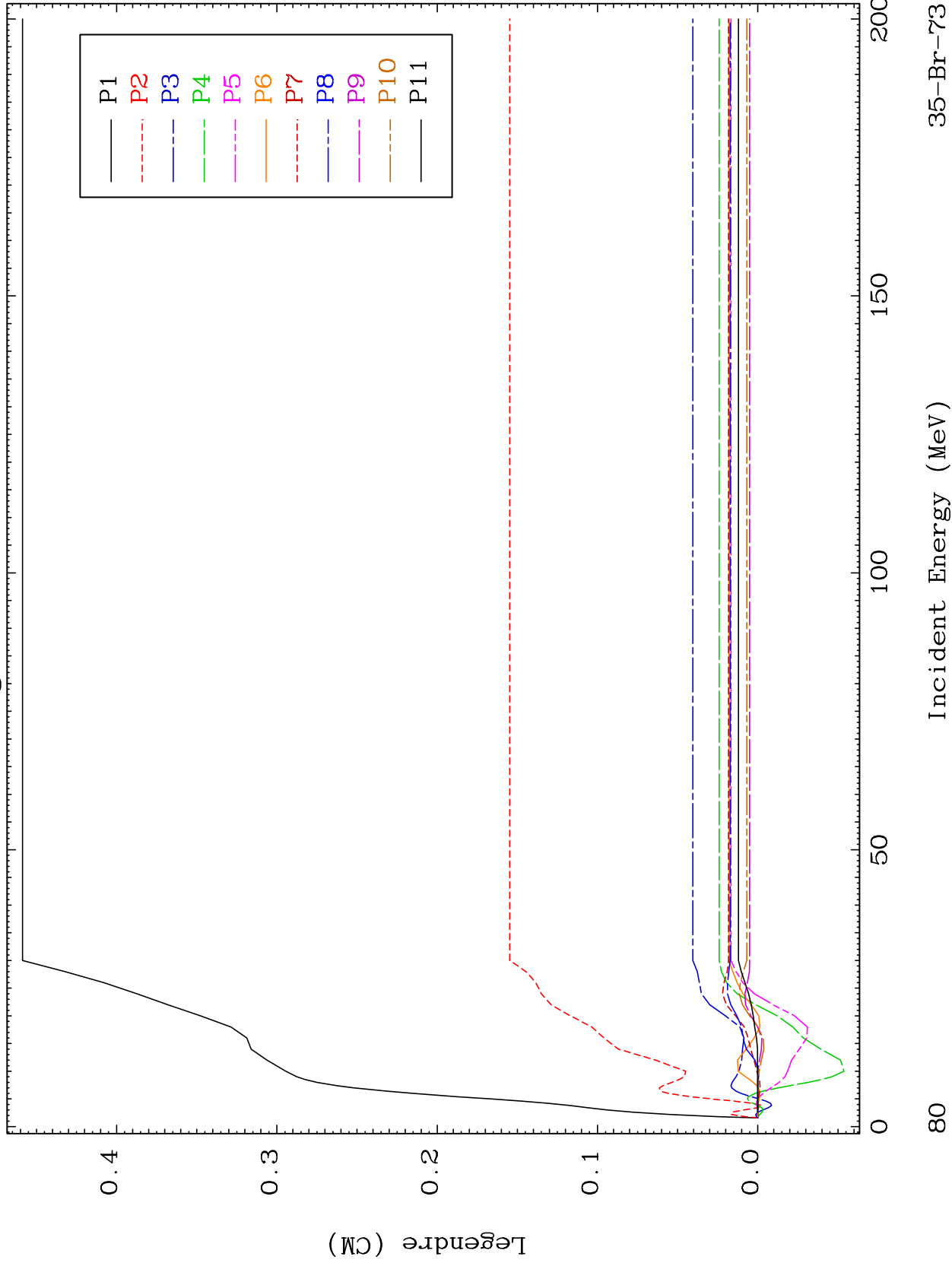




MAT 3507

1.542 MeV (n, n') Level
Legendre Coefficients

35-Br-73



35-Br-73

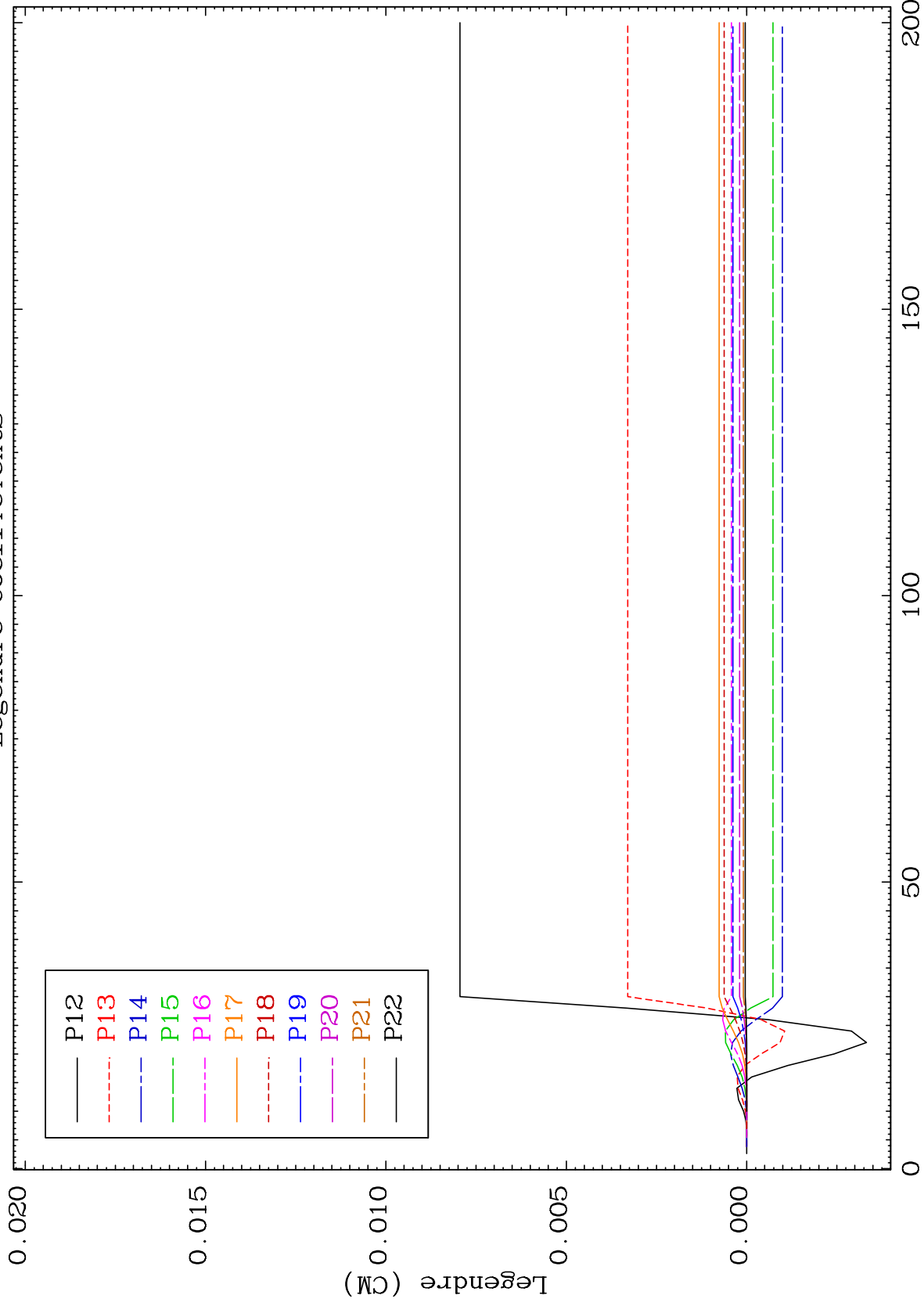
Incident Energy (MeV)

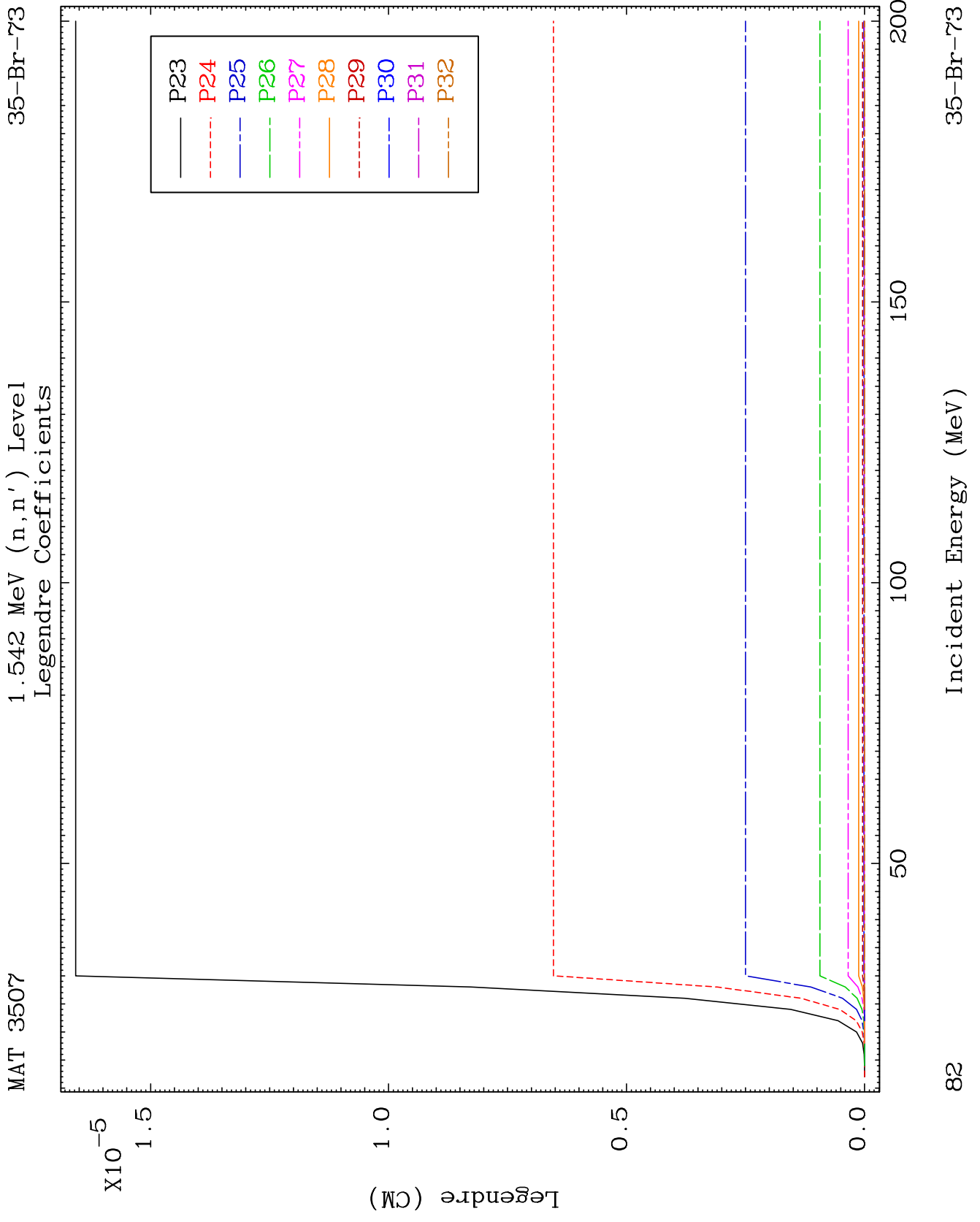
80

MAT 3507

1.542 MeV (n, n') Level
Legendre Coefficients

35-Br-73

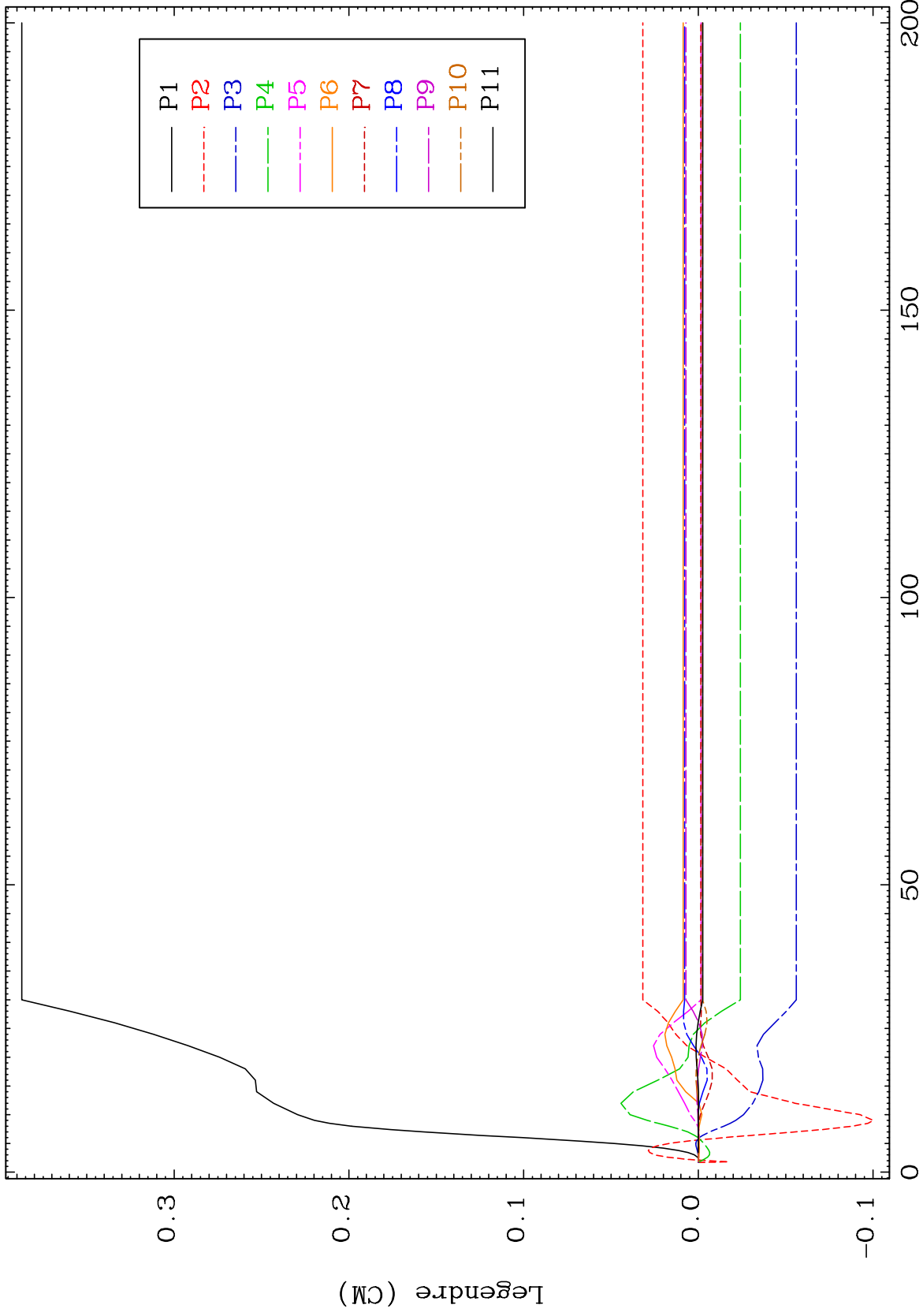




MAT 3507

1.662 MeV (n,n') Level
Legendre Coefficients

35-Br-73



83

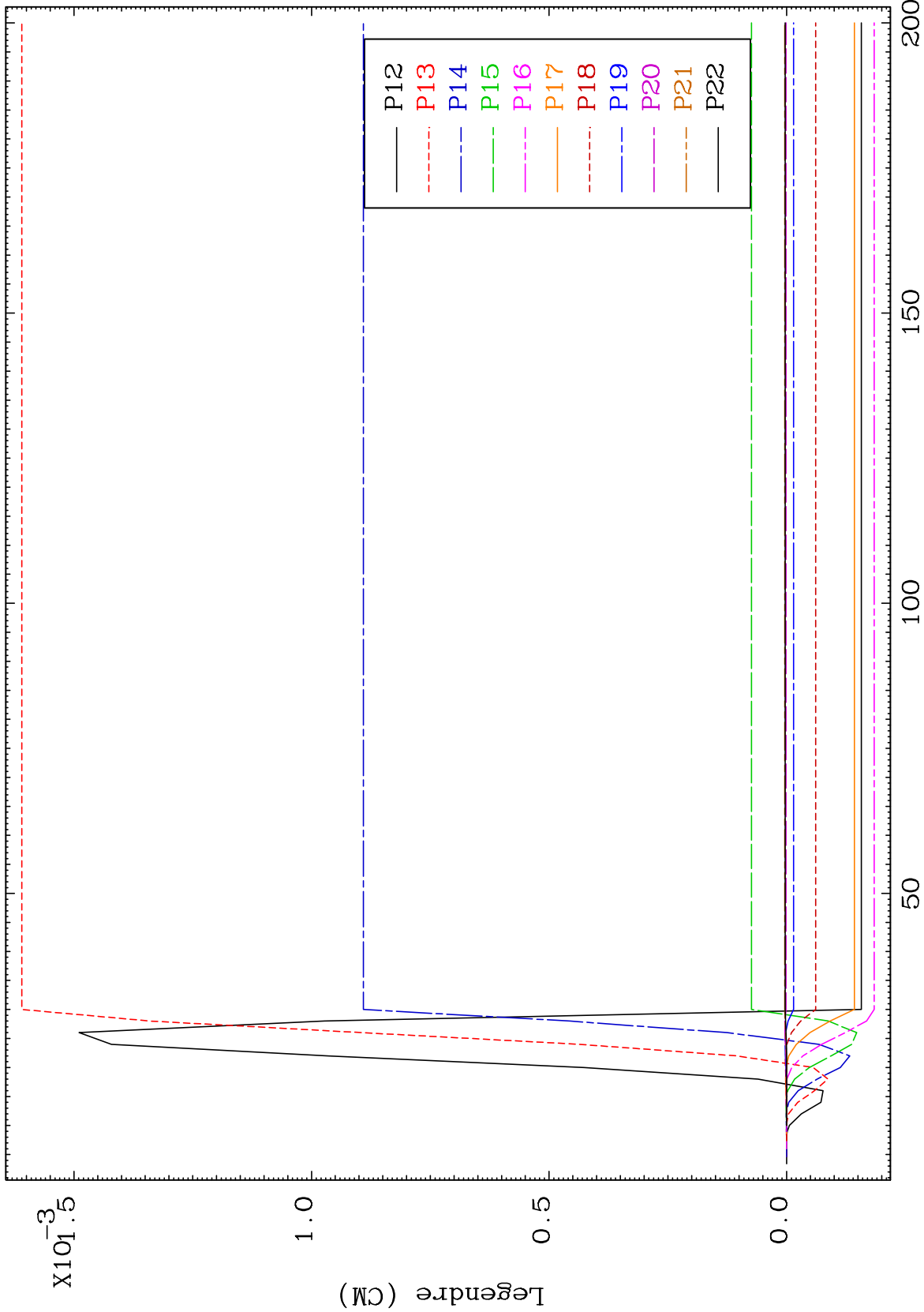
Incident Energy (MeV)

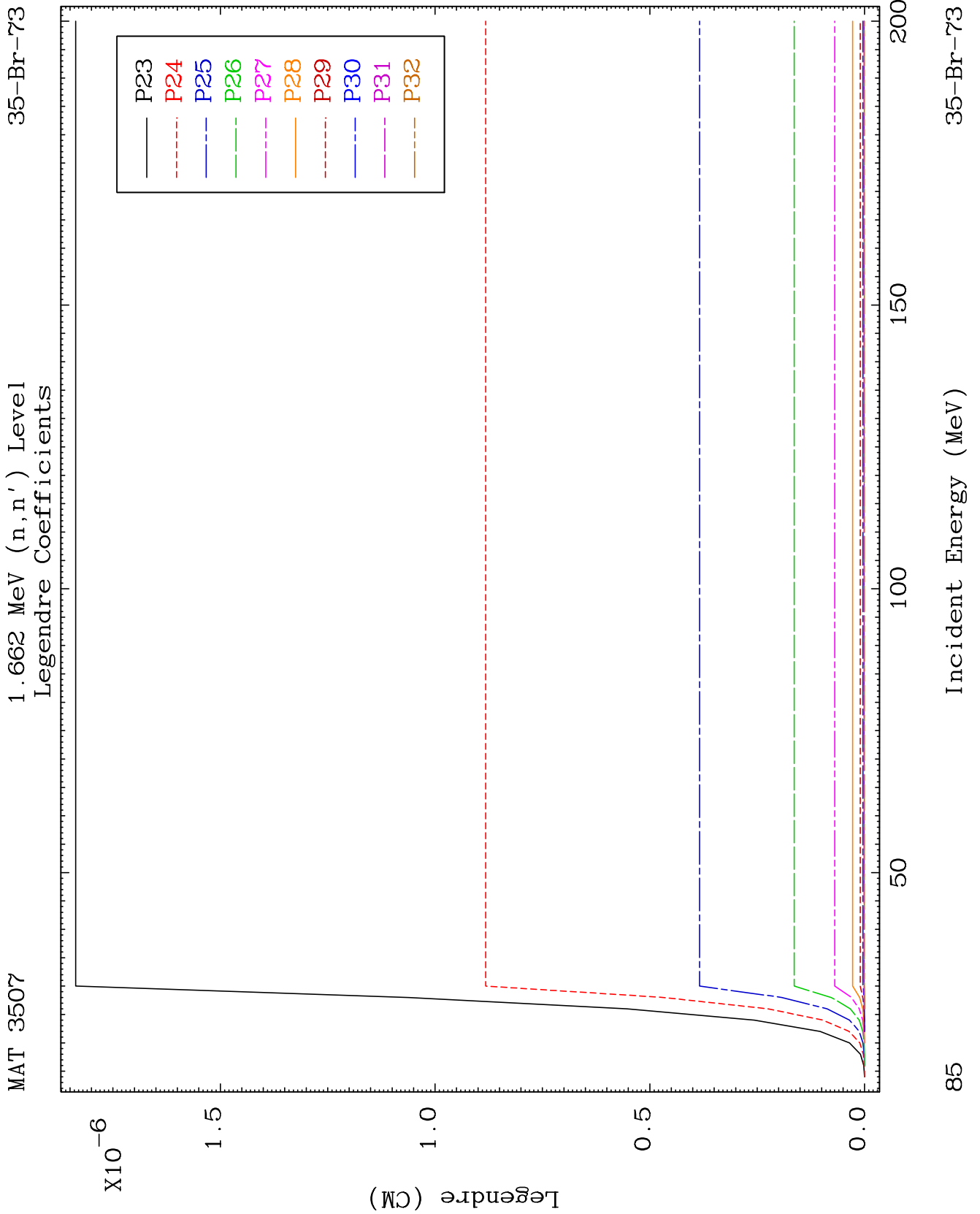
35-Br-73

MAT 3507

1.662 MeV (n, n') Level
Legendre Coefficients

35-Br-73

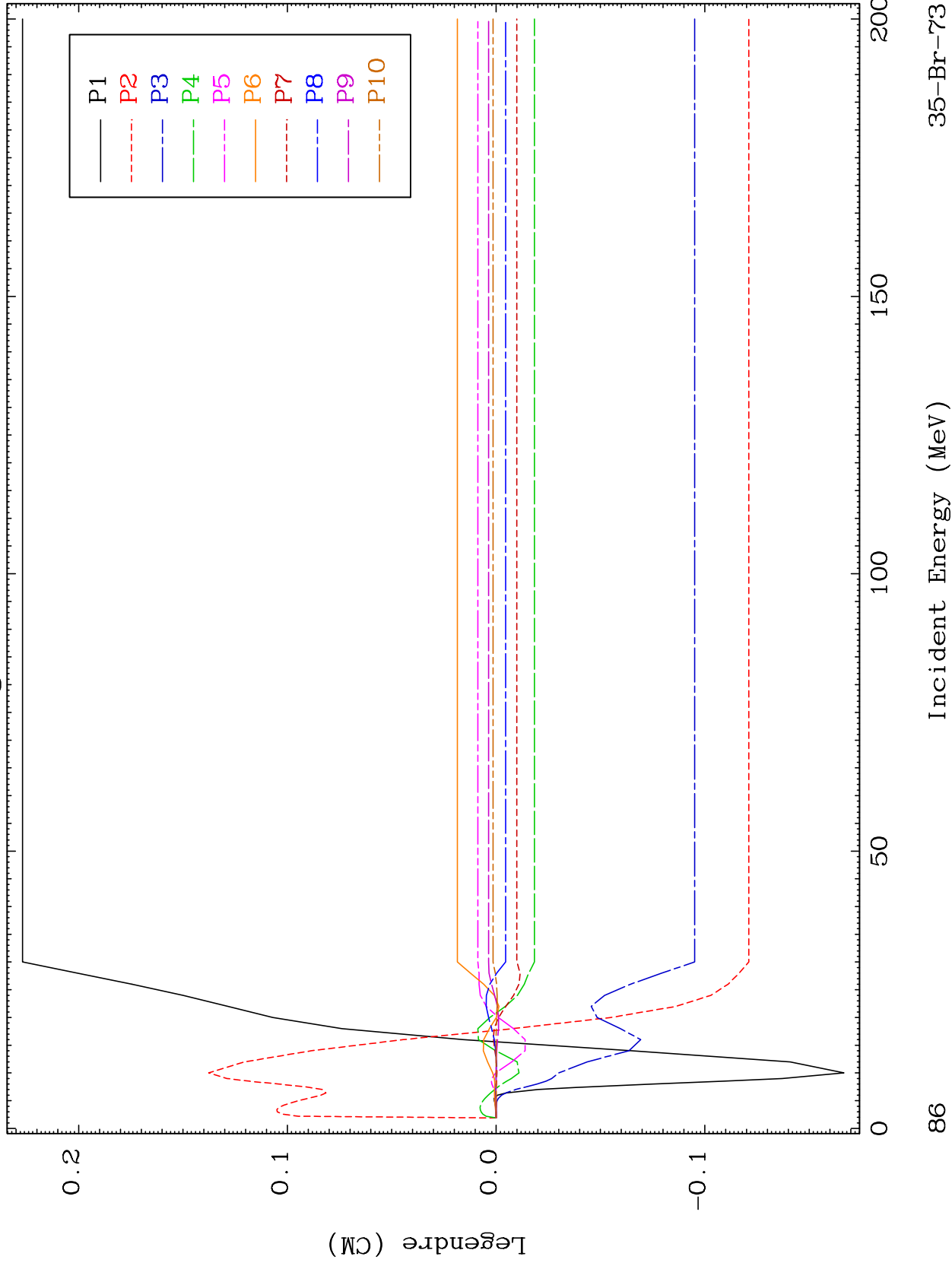




MAT 3507

1.861 MeV (n,n') Level
Legendre Coefficients

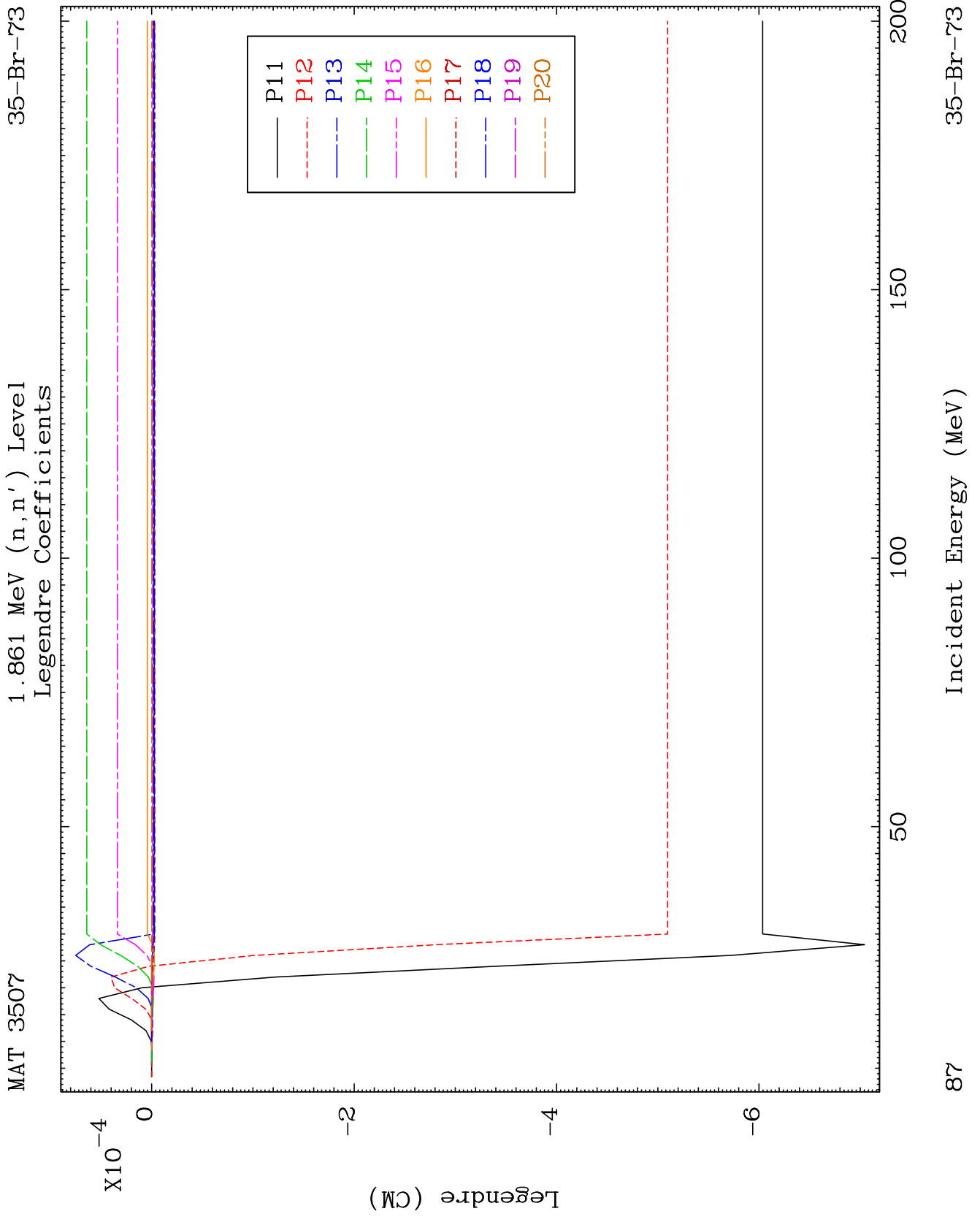
35-Br-73

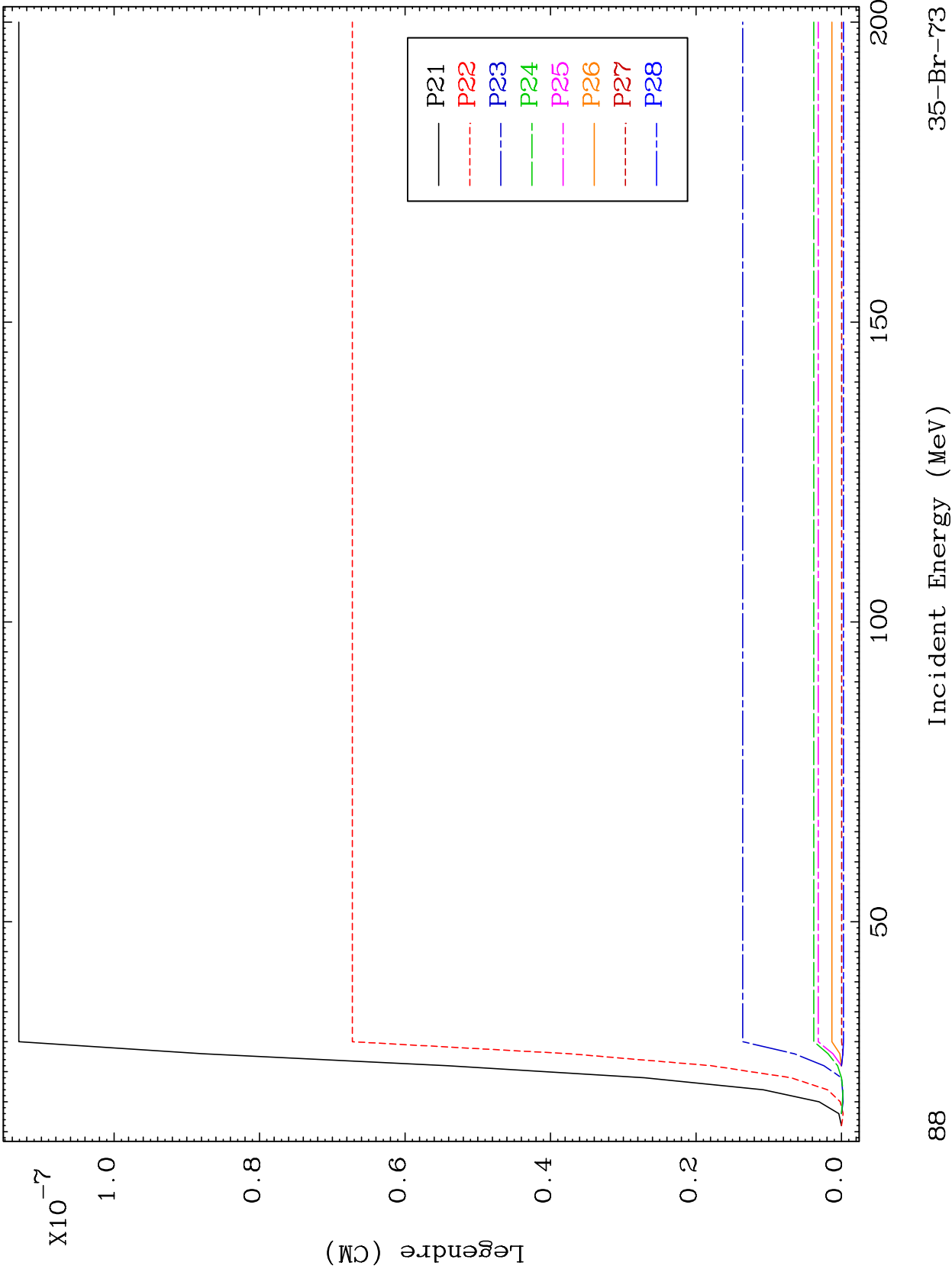


35-Br-73

Incident Energy (MeV)

86

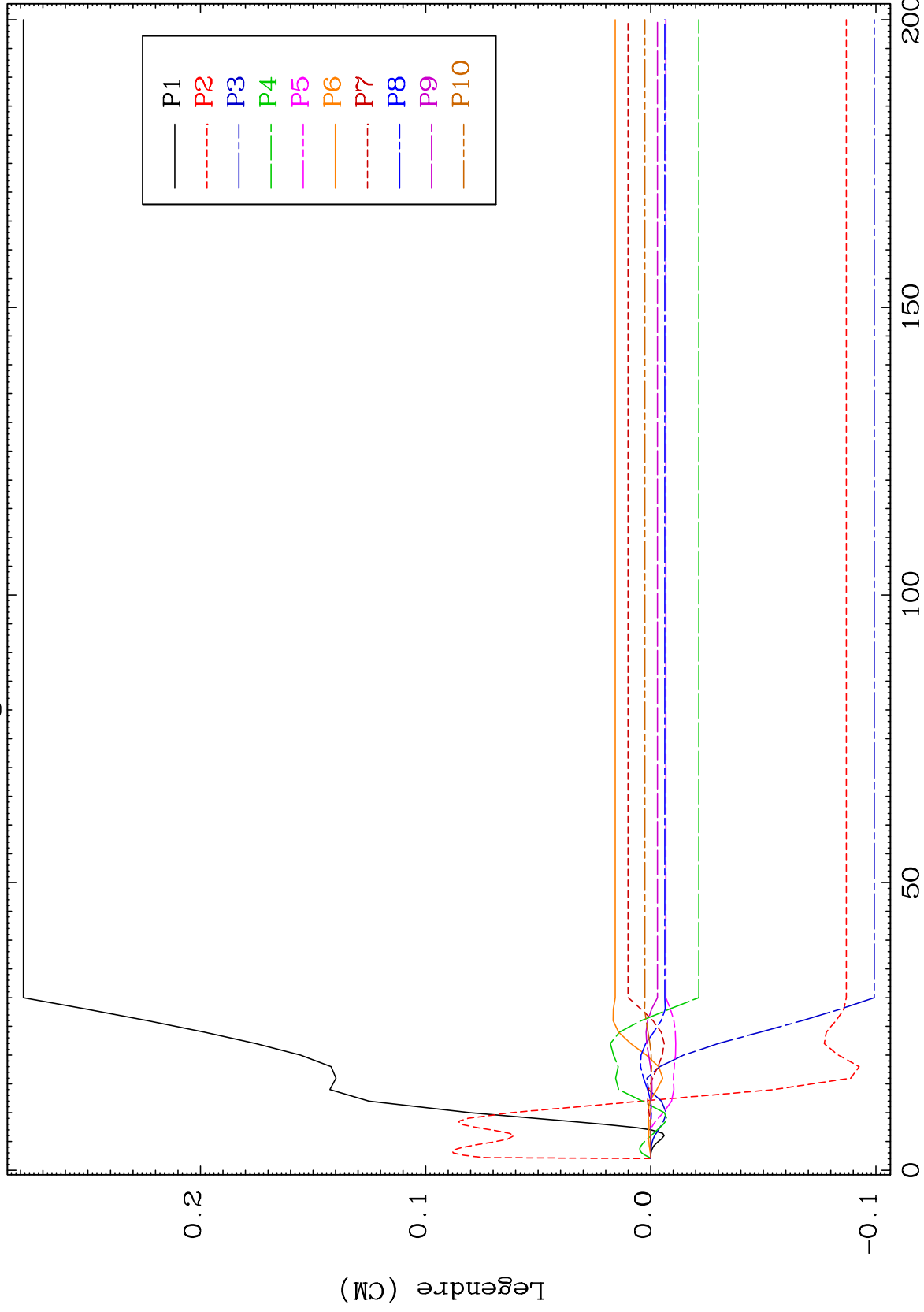




MAT 3507

1.990 MeV (n,n') Level
Legendre Coefficients

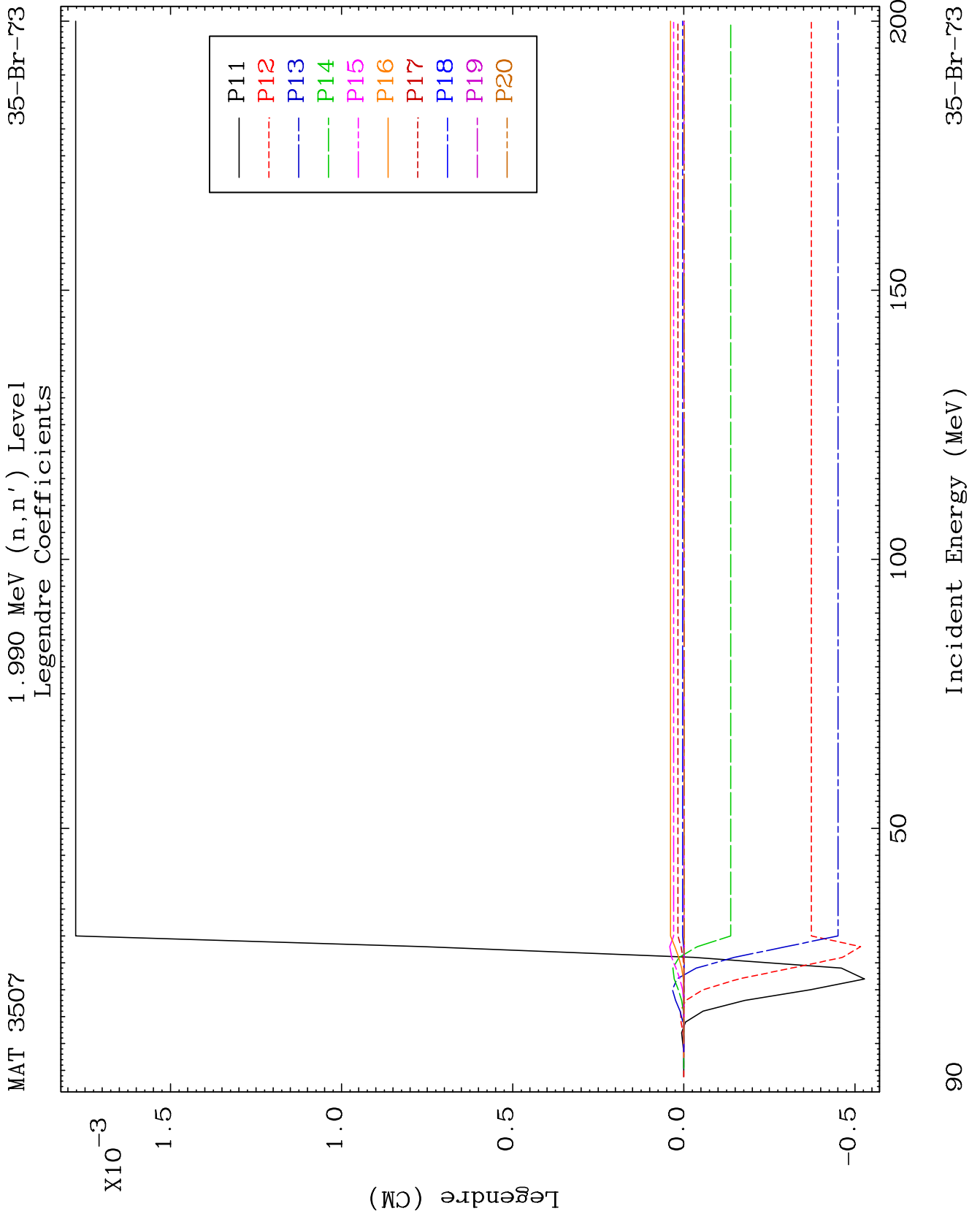
35-Br-73

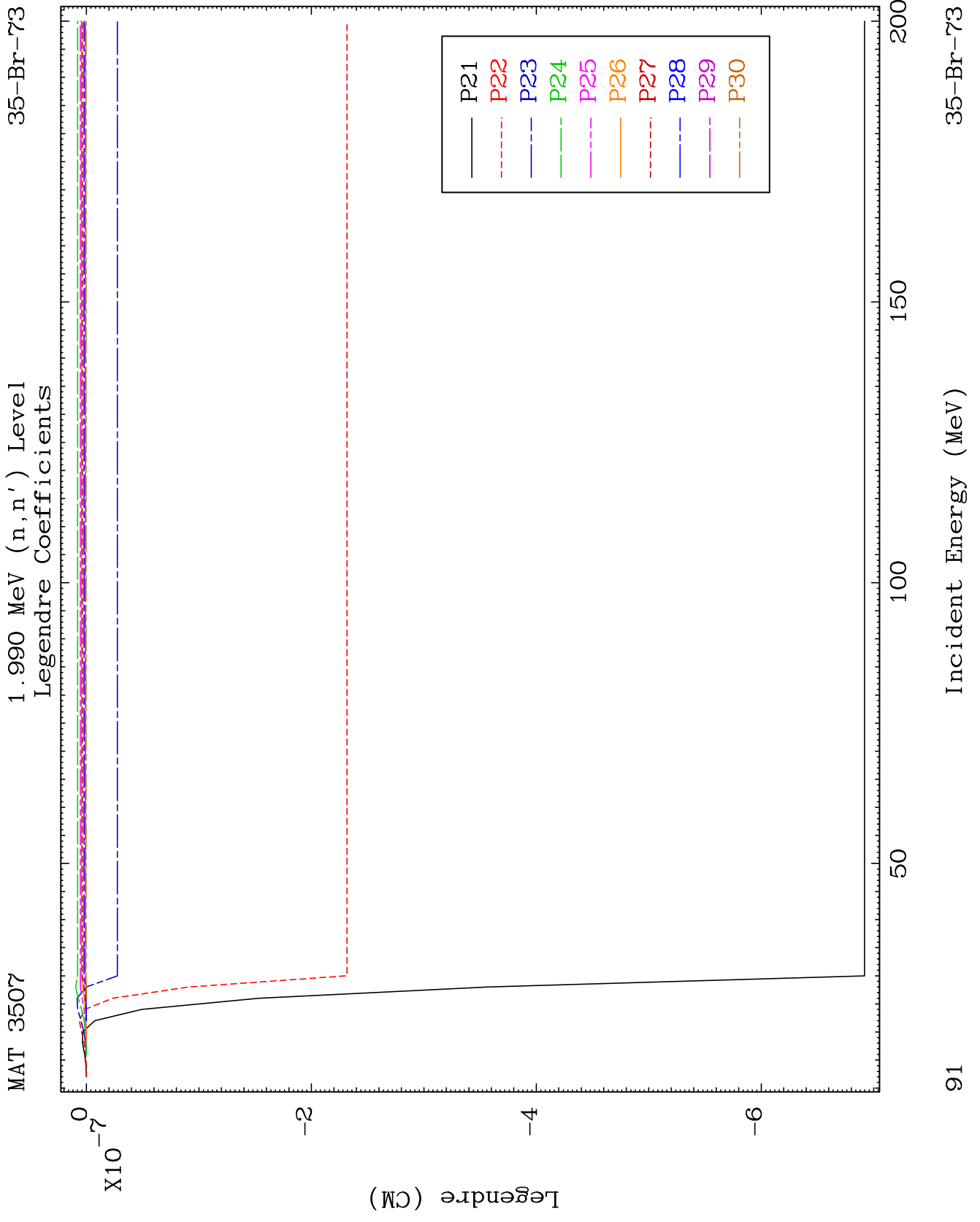


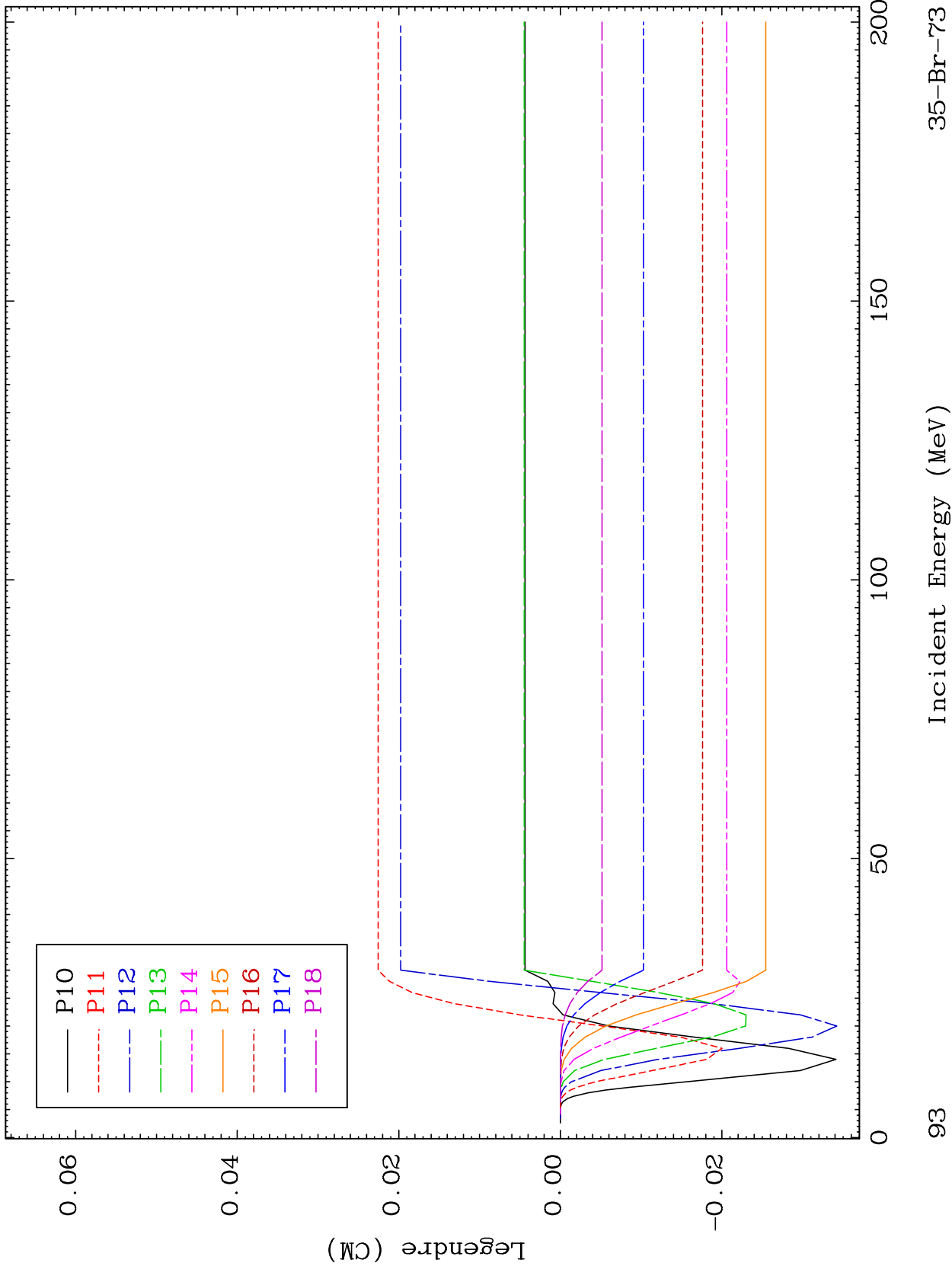
89

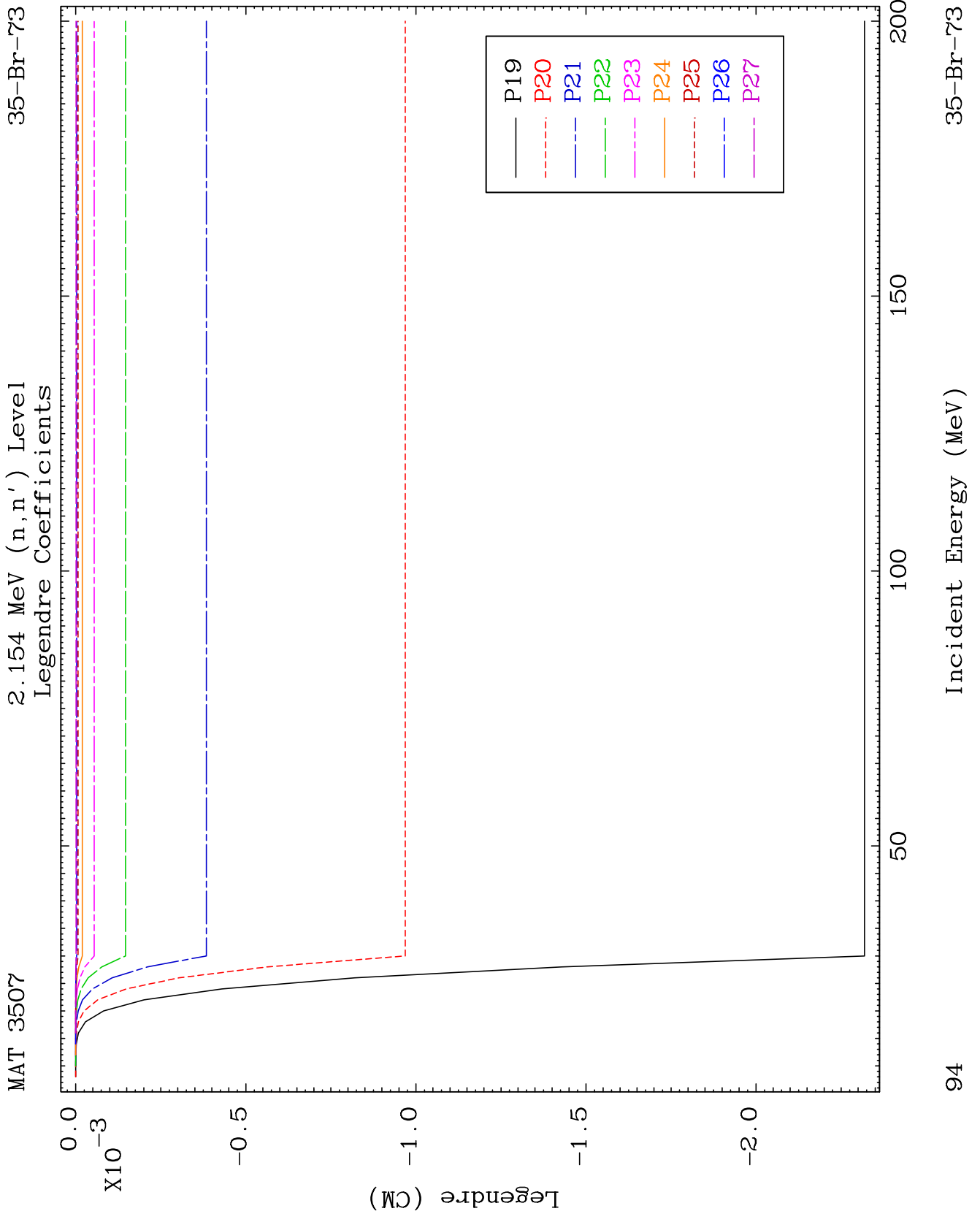
Incident Energy (MeV)

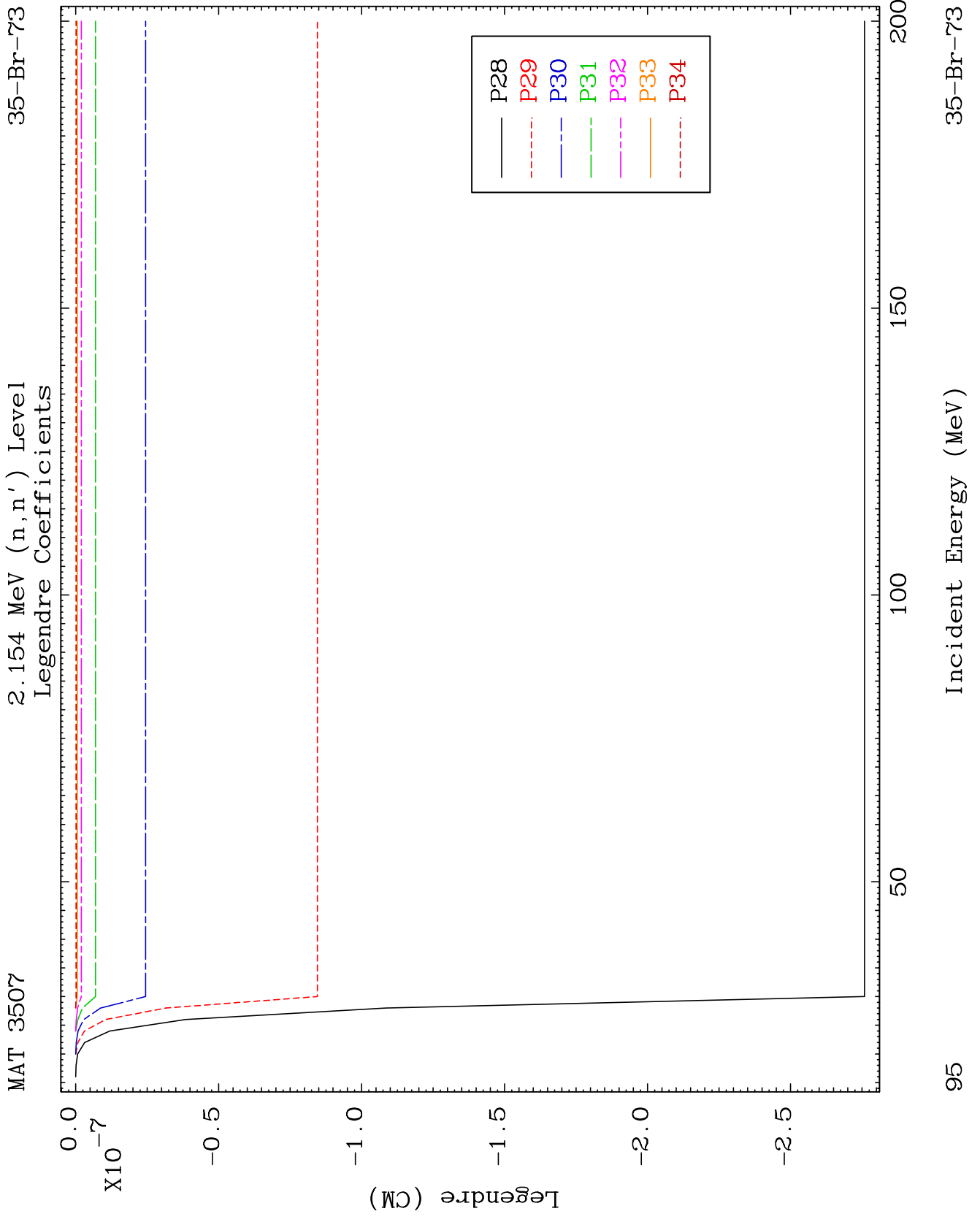
35-Br-73







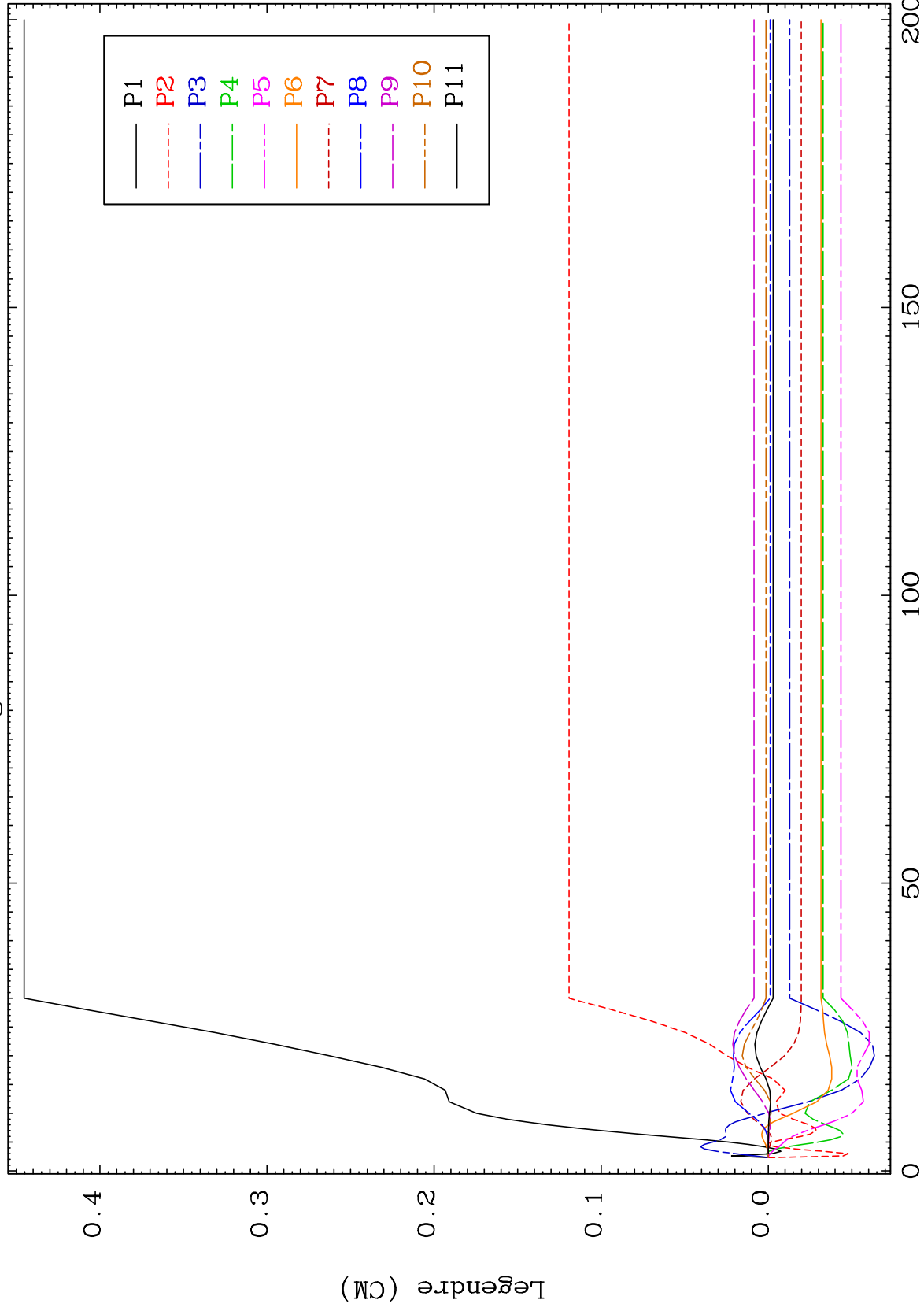




MAT 3507

2.262 MeV (n,n') Level
Legendre Coefficients

35-Br-73



96

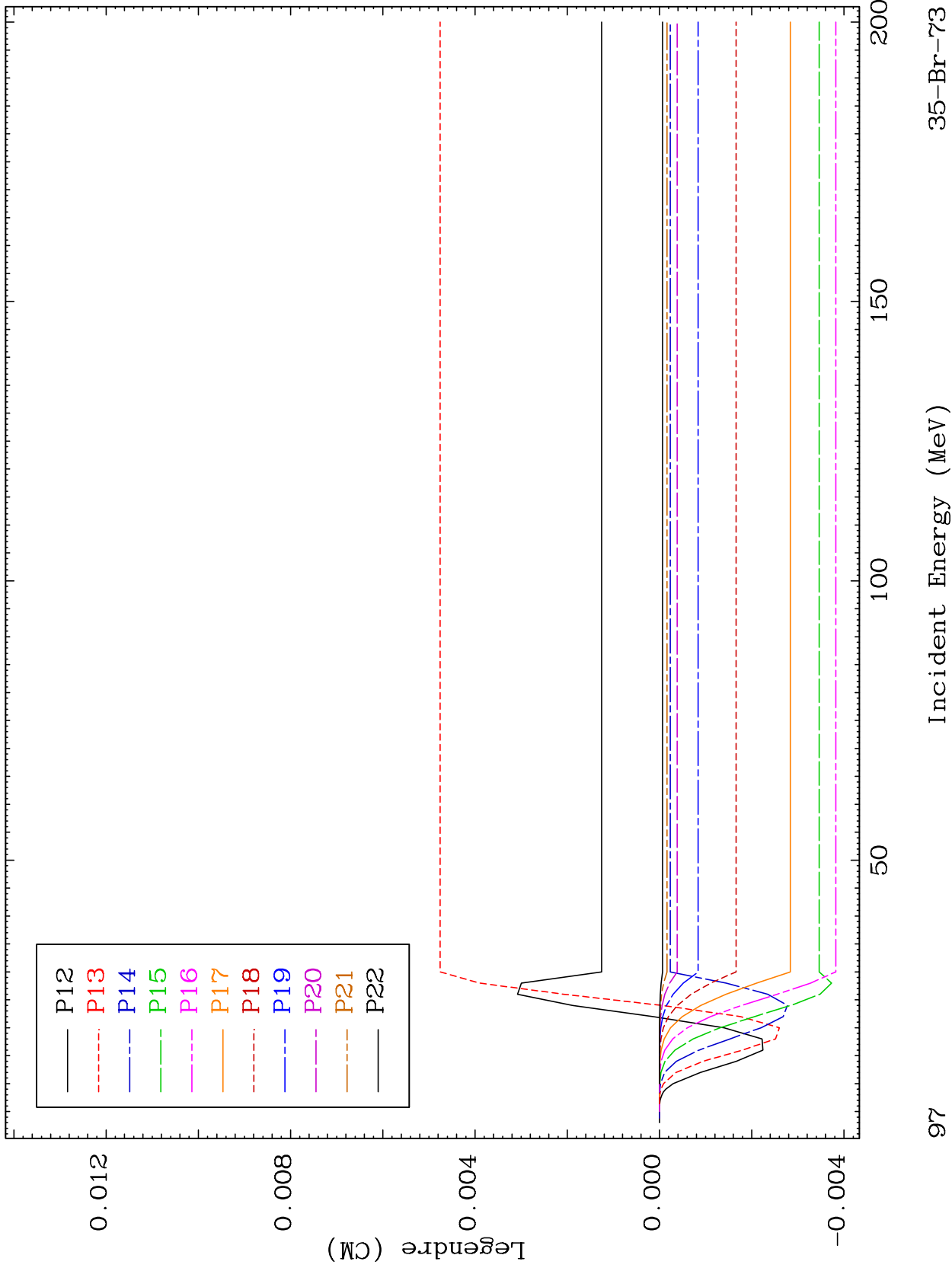
Incident Energy (MeV)

35-Br-73

MAT 3507

2.262 MeV (n,n') Level
Legendre Coefficients

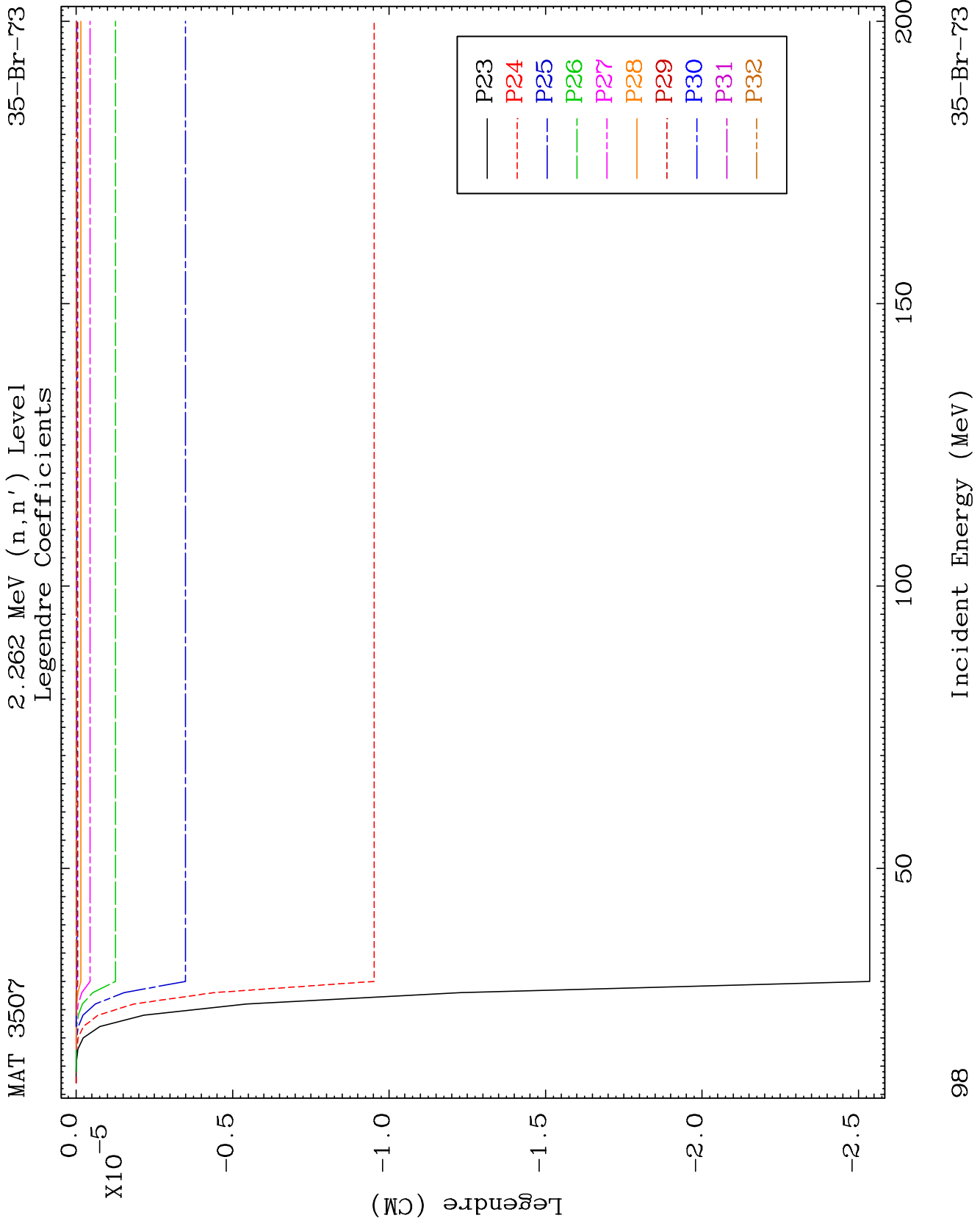
35-Br-73



97

Incident Energy (MeV)

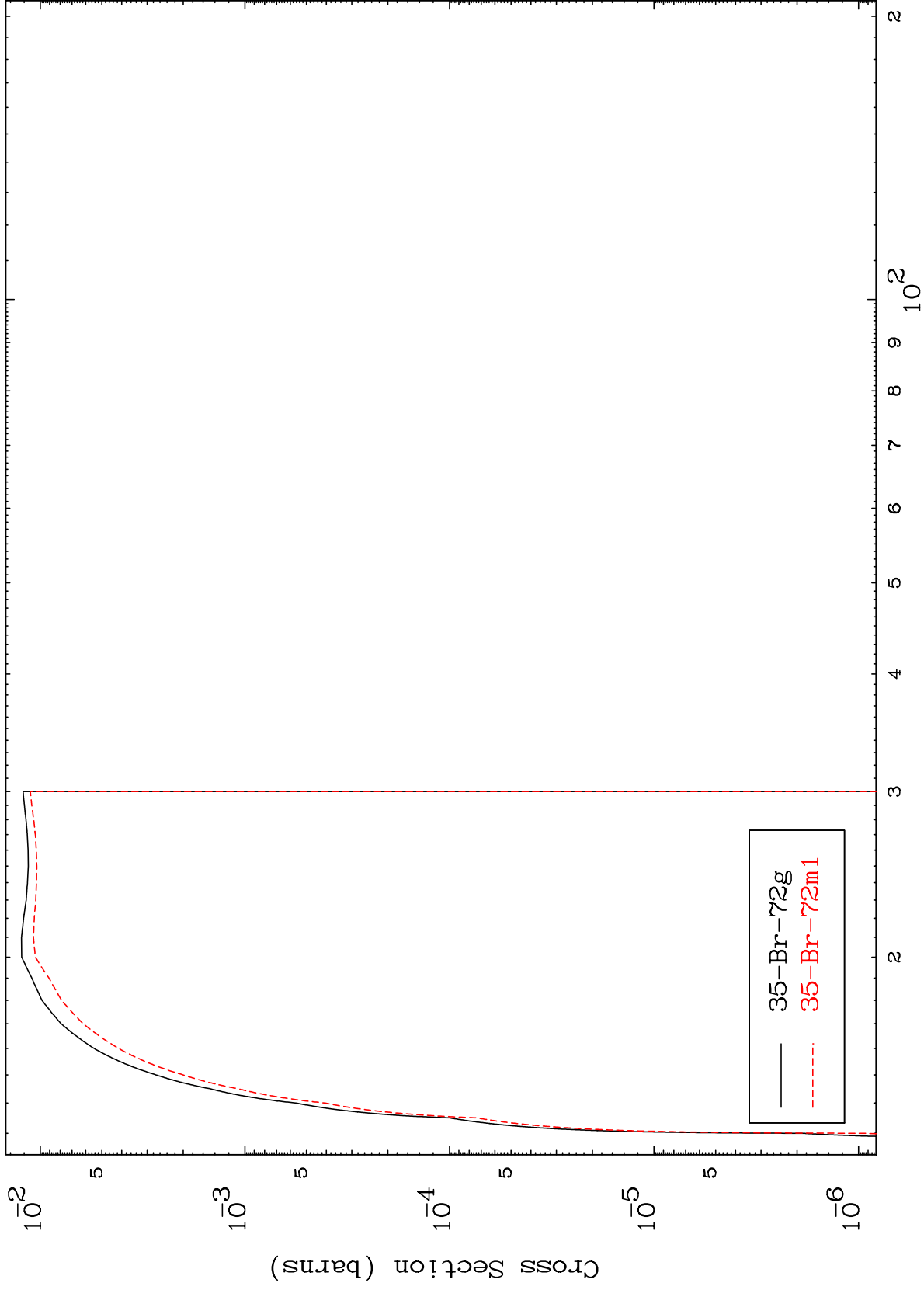
35-Br-73



MAT 3507

³⁵Br-73

(n,2n)
Radionuclide Production Cross Section



99

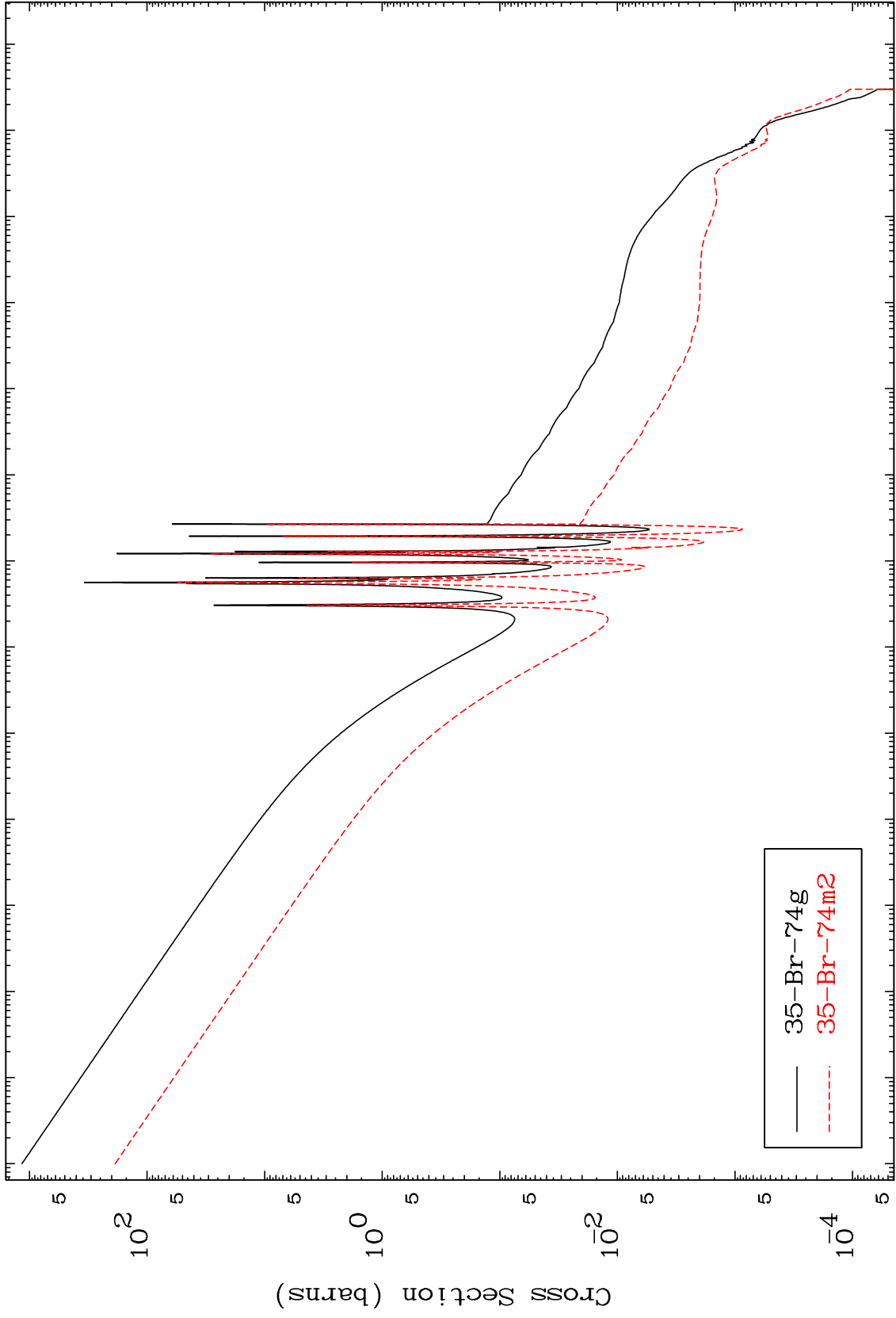
Incident Energy (MeV)

³⁵Br-73

MAT 3507

³⁵Br-73

(n,γ)
Radionuclide Production Cross Section



100

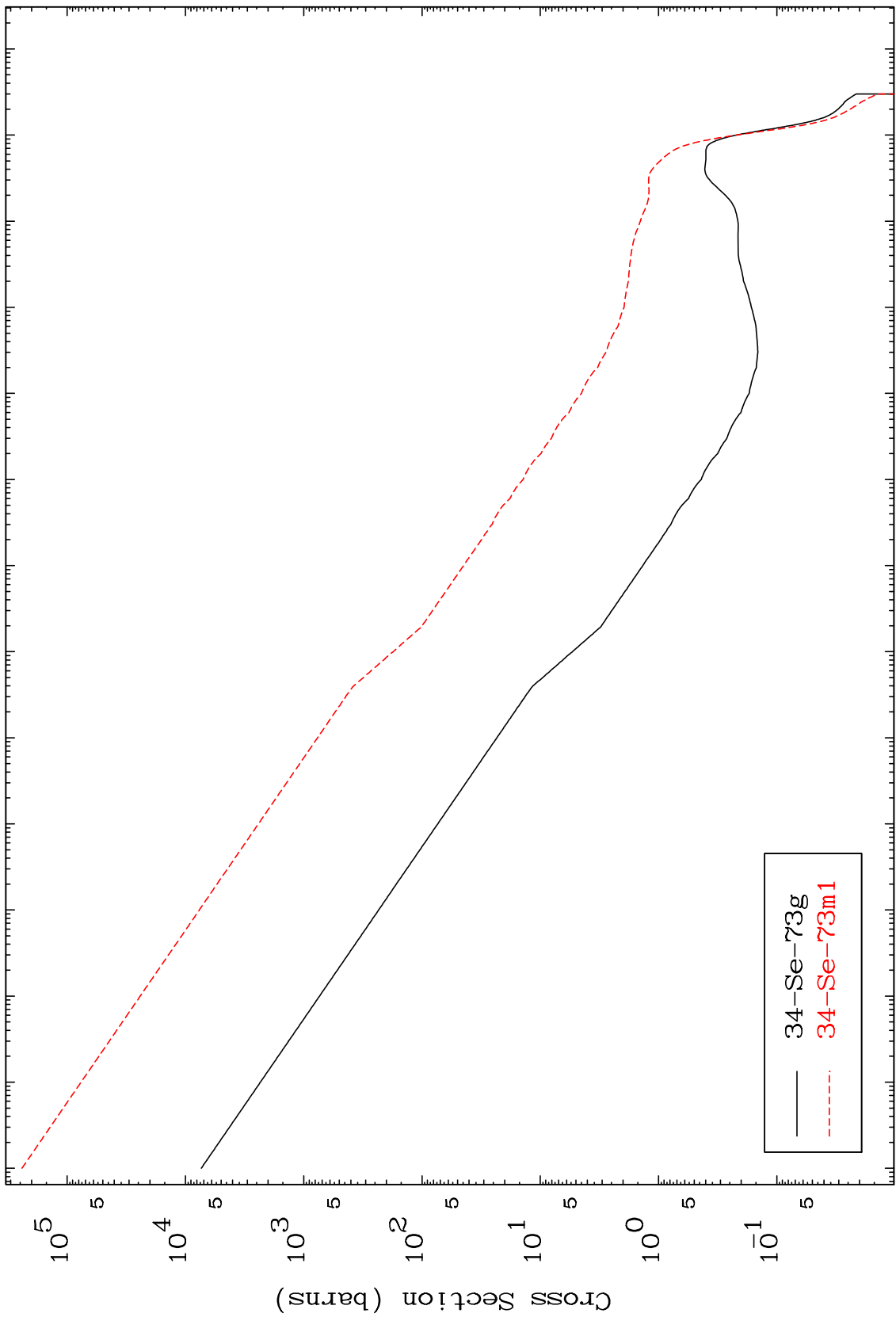
Incident Energy (MeV)

³⁵Br-73

MAT 3507

35-Br-73

(n,p)
Radionuclide Production Cross Section



35-Br-73

10^2

10^0

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

Incident Energy (MeV)

35-Br-73

101