

Program EVALPLOT
(Version 2015-2)

by

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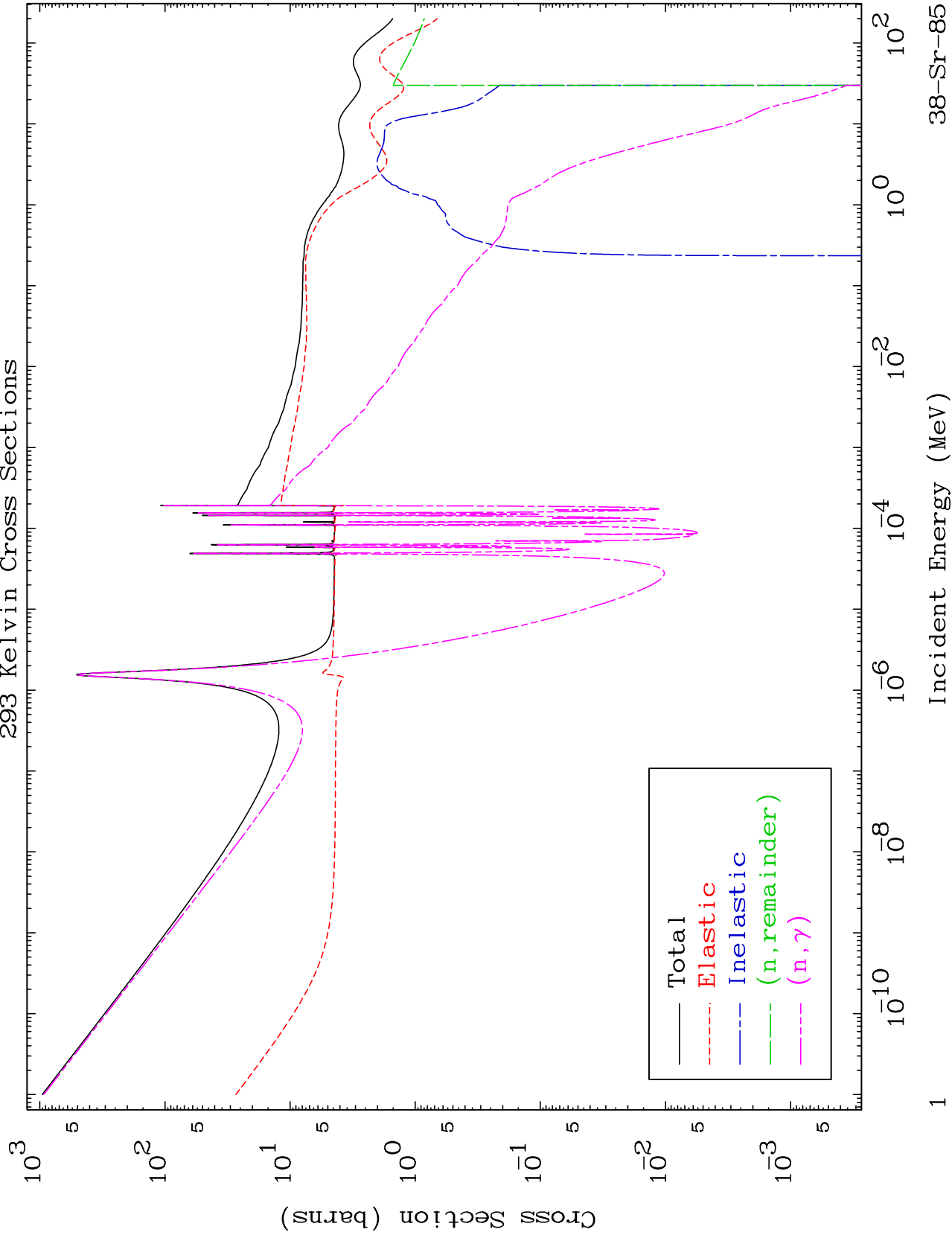
Press Mouse Button to Start

MAT 3828

Major

293 Kelvin Cross Sections

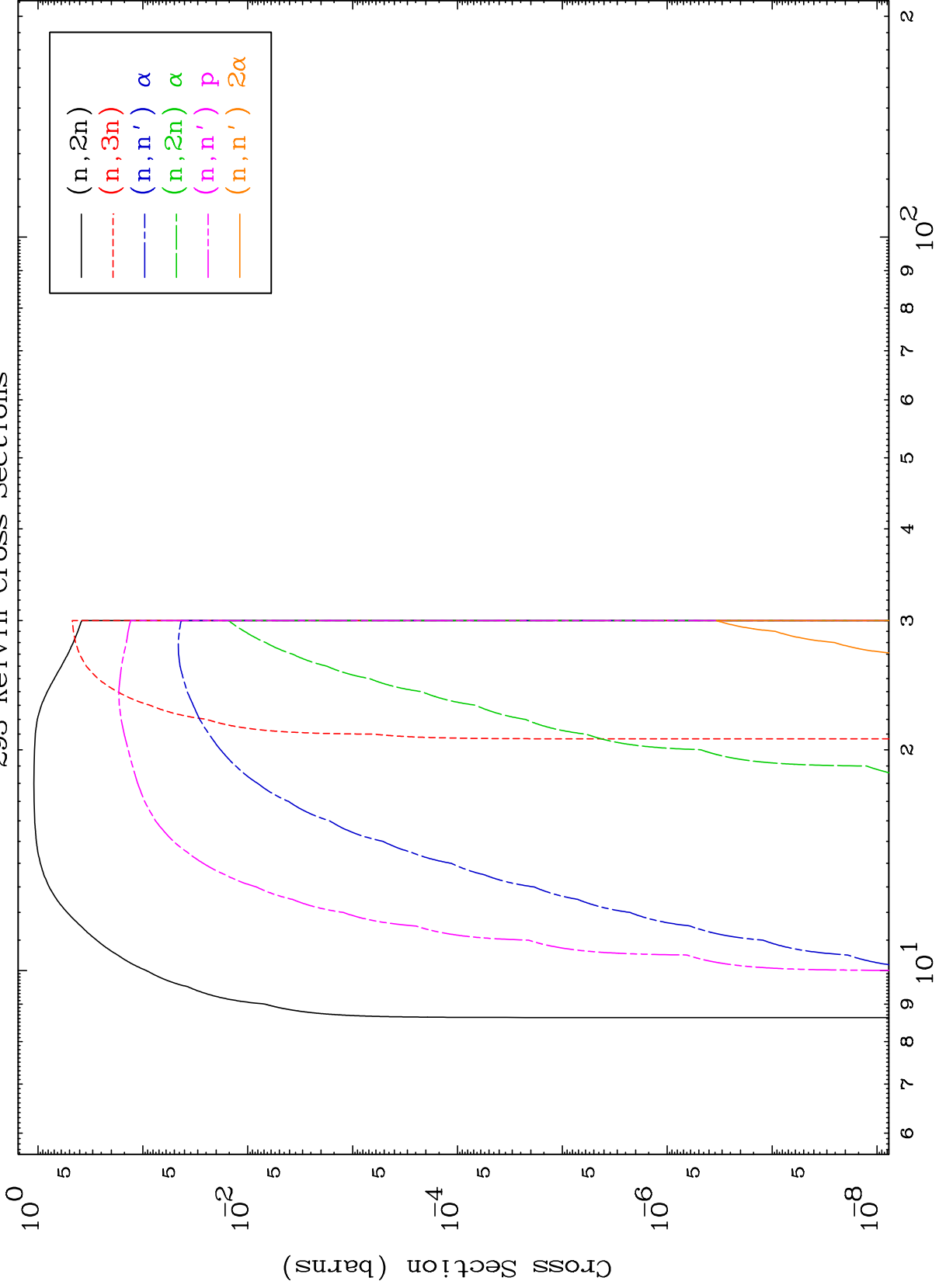
38-Sr-85



MAT 3828

Neutron Production
293 Kelvin Cross Sections

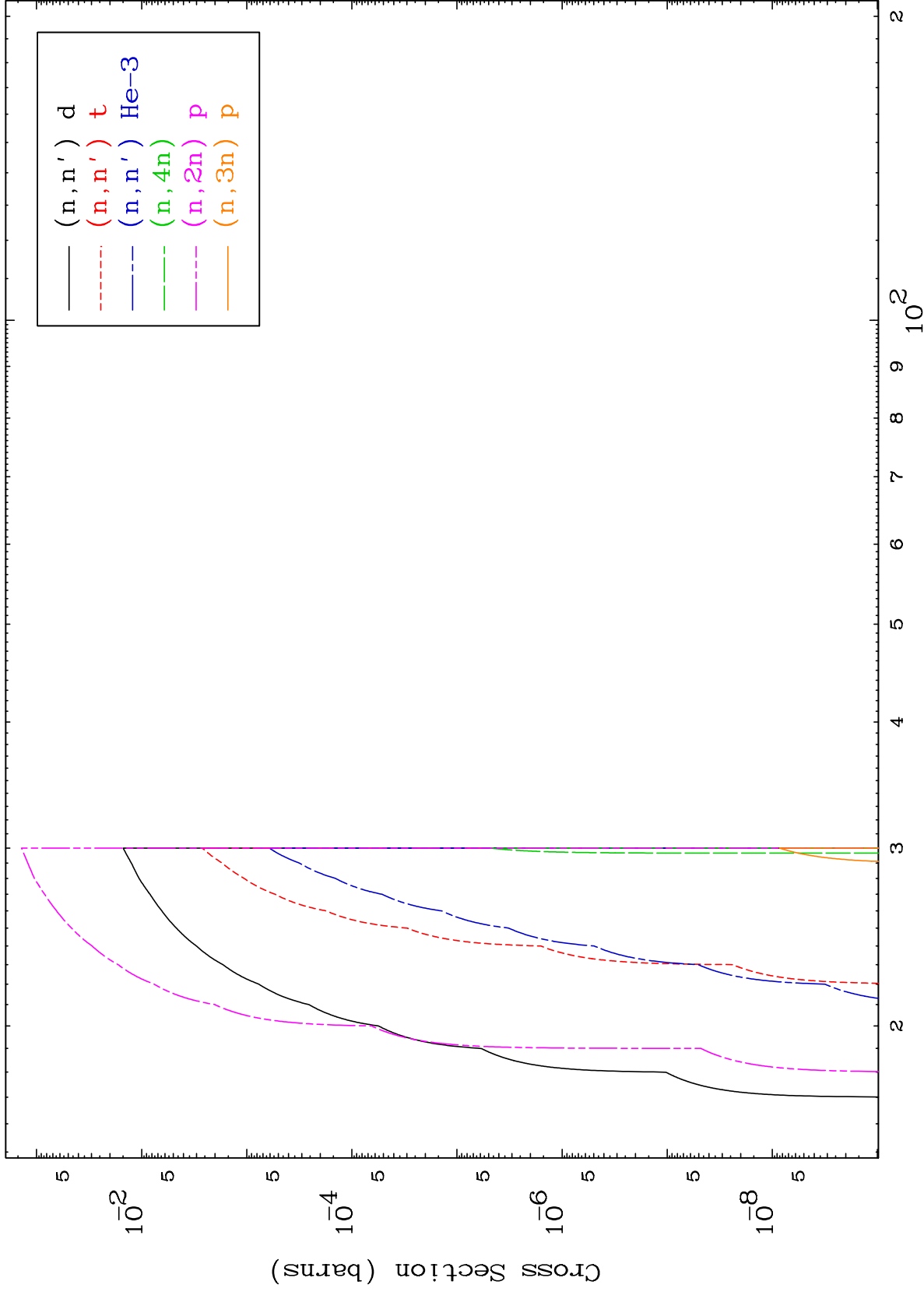
38-Sr-85



2

Incident Energy (MeV)

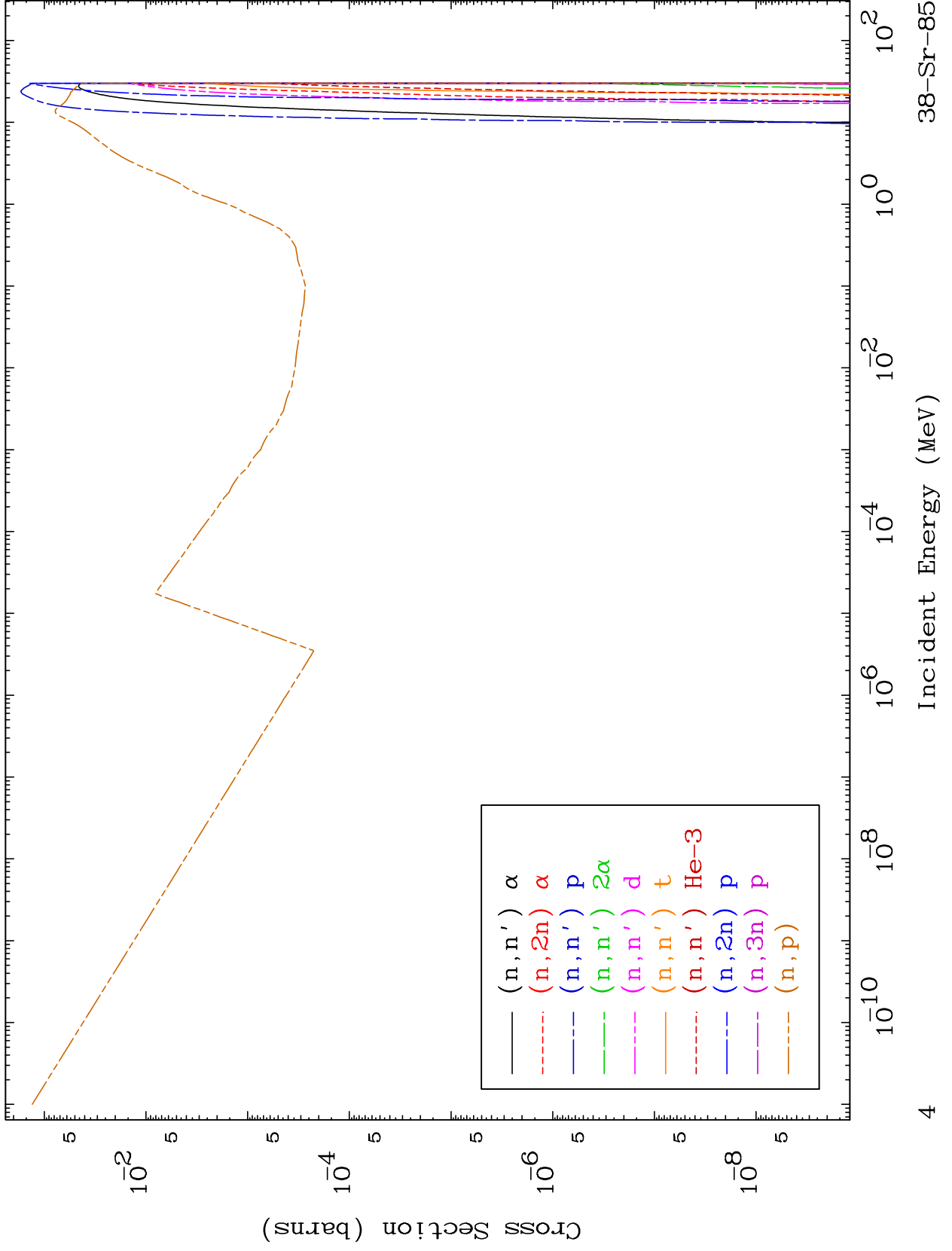
38-Sr-85



MAT 3828

Charged Particle
293 Kelvin Cross Sections

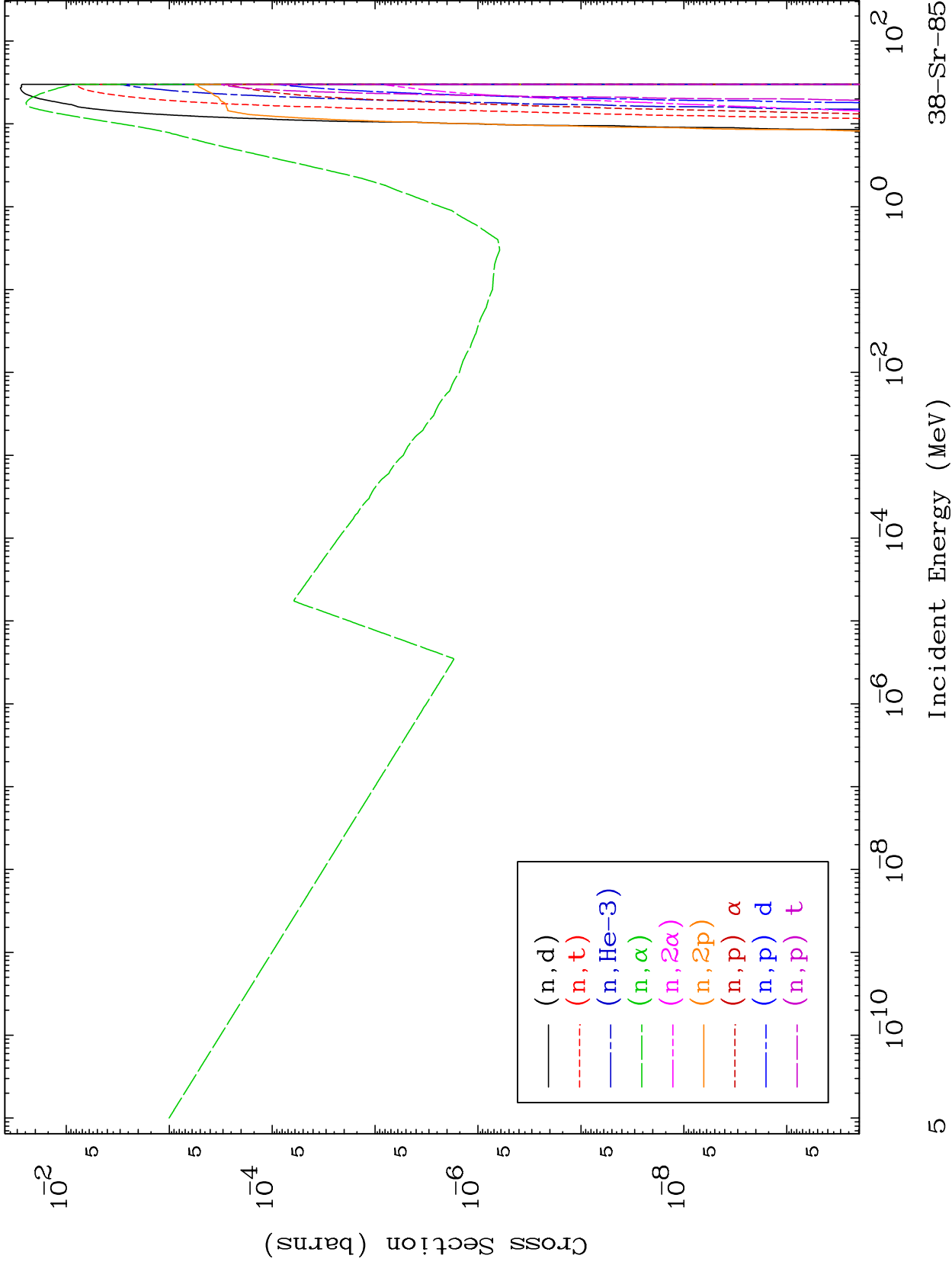
38-Sr-85

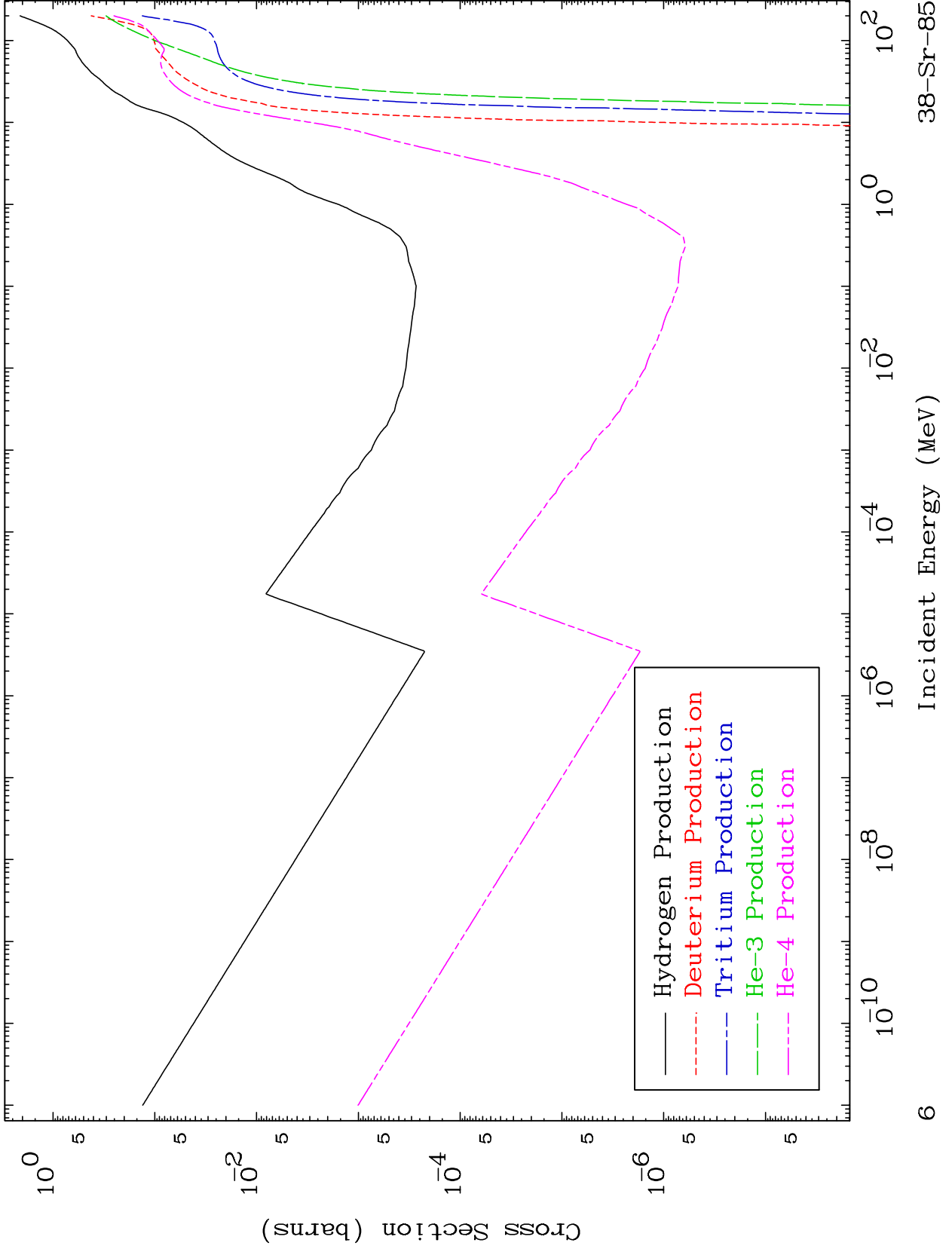


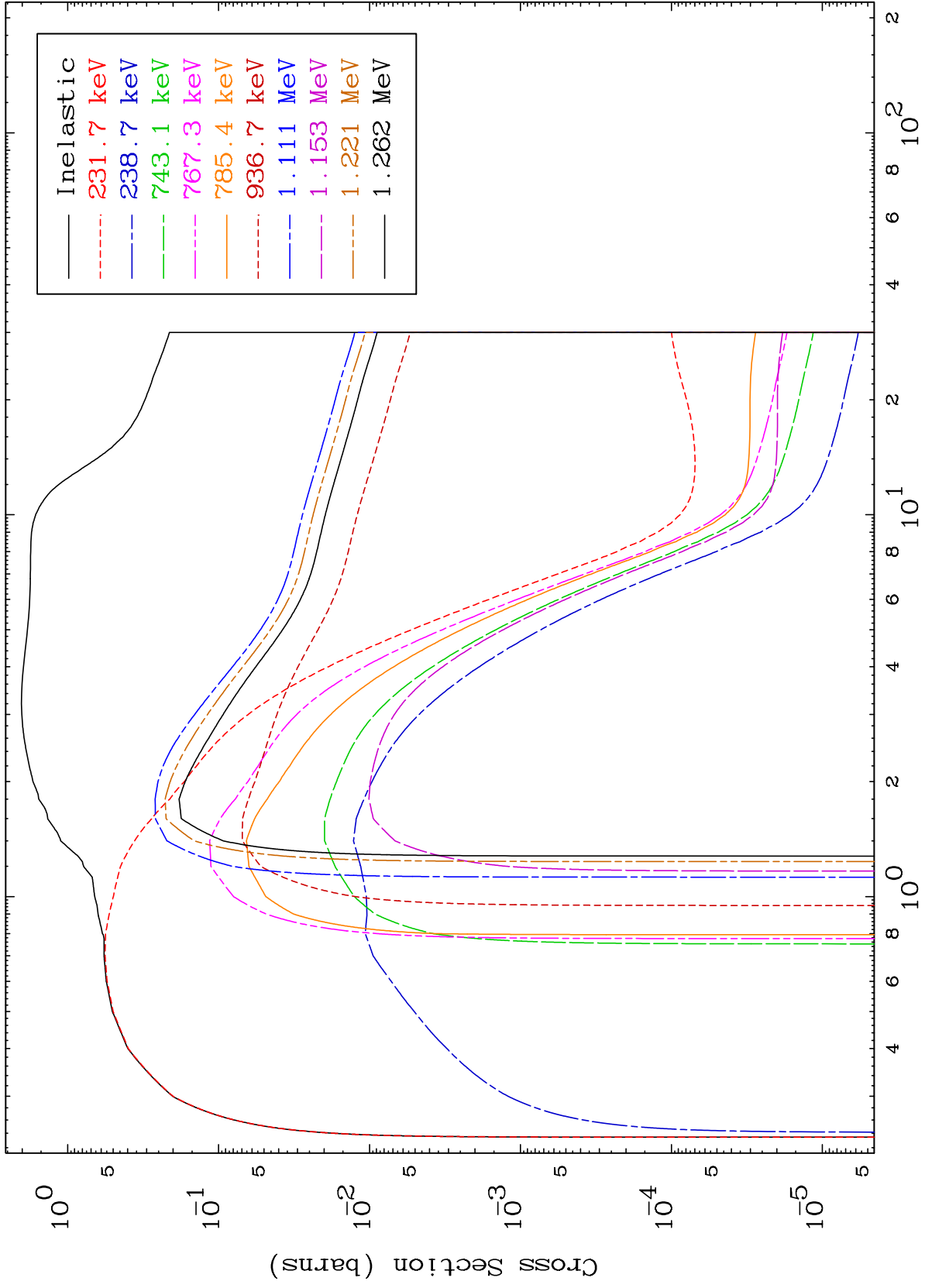
MAT 3828

Charged Particle
293 Kelvin Cross Sections

38-Sr-85



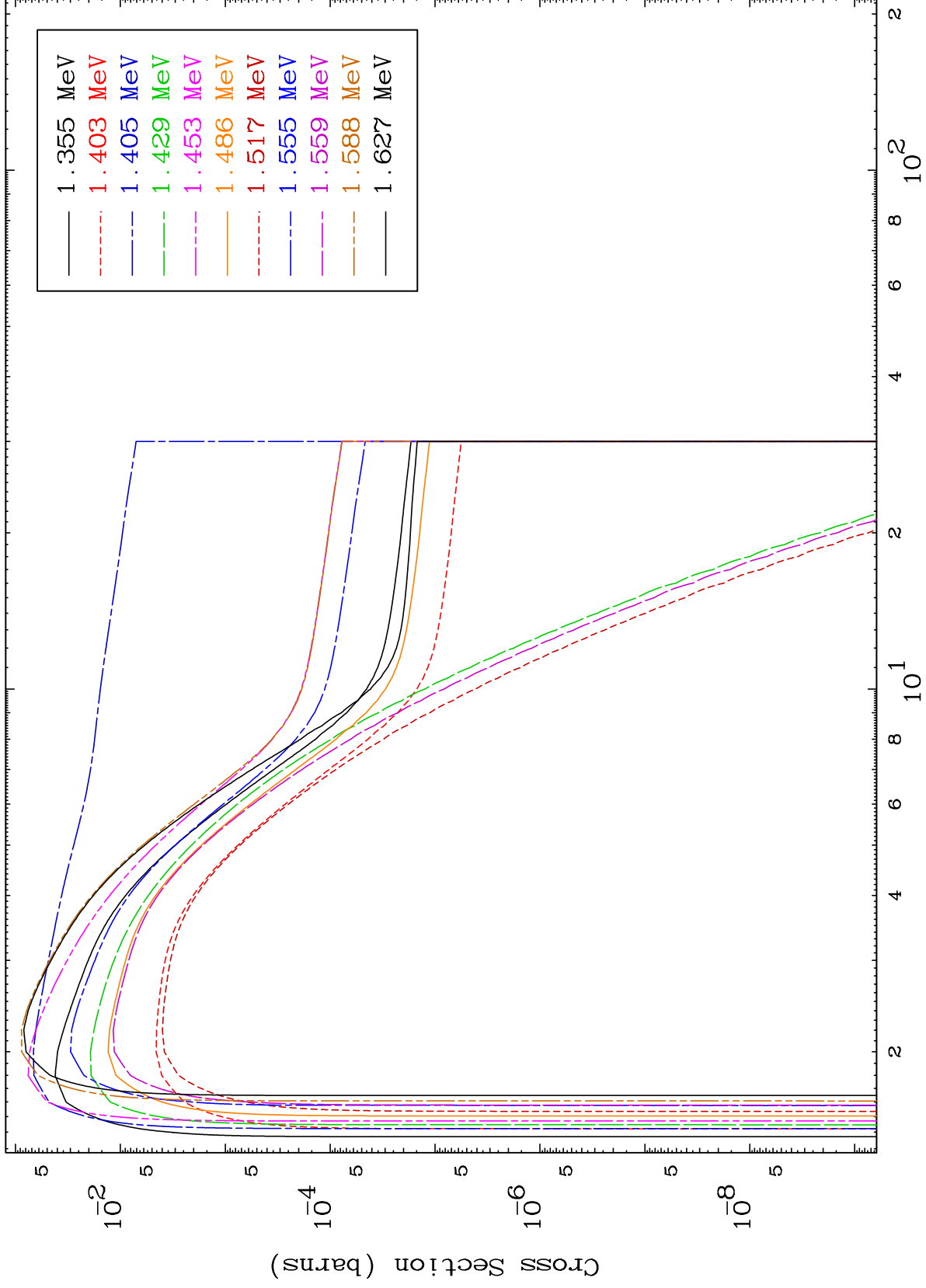




MAT 3828

(n,n') Level
293 Kelvin Cross Sections

38-Sr-85



8

Incident Energy (MeV)

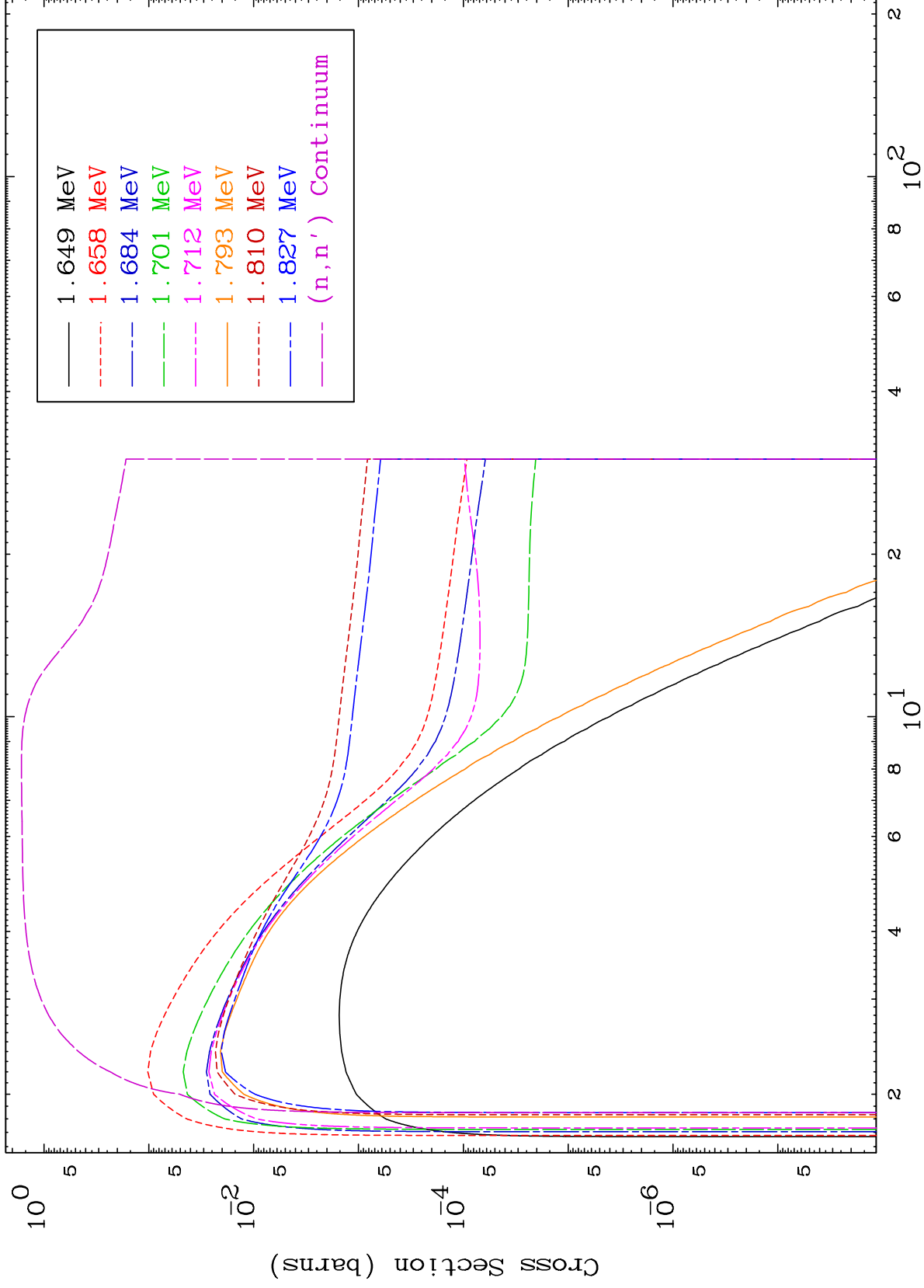
38-Sr-85

MAT 3828

(n,n') Level

38-Sr-85

293 Kelvin Cross Sections



9

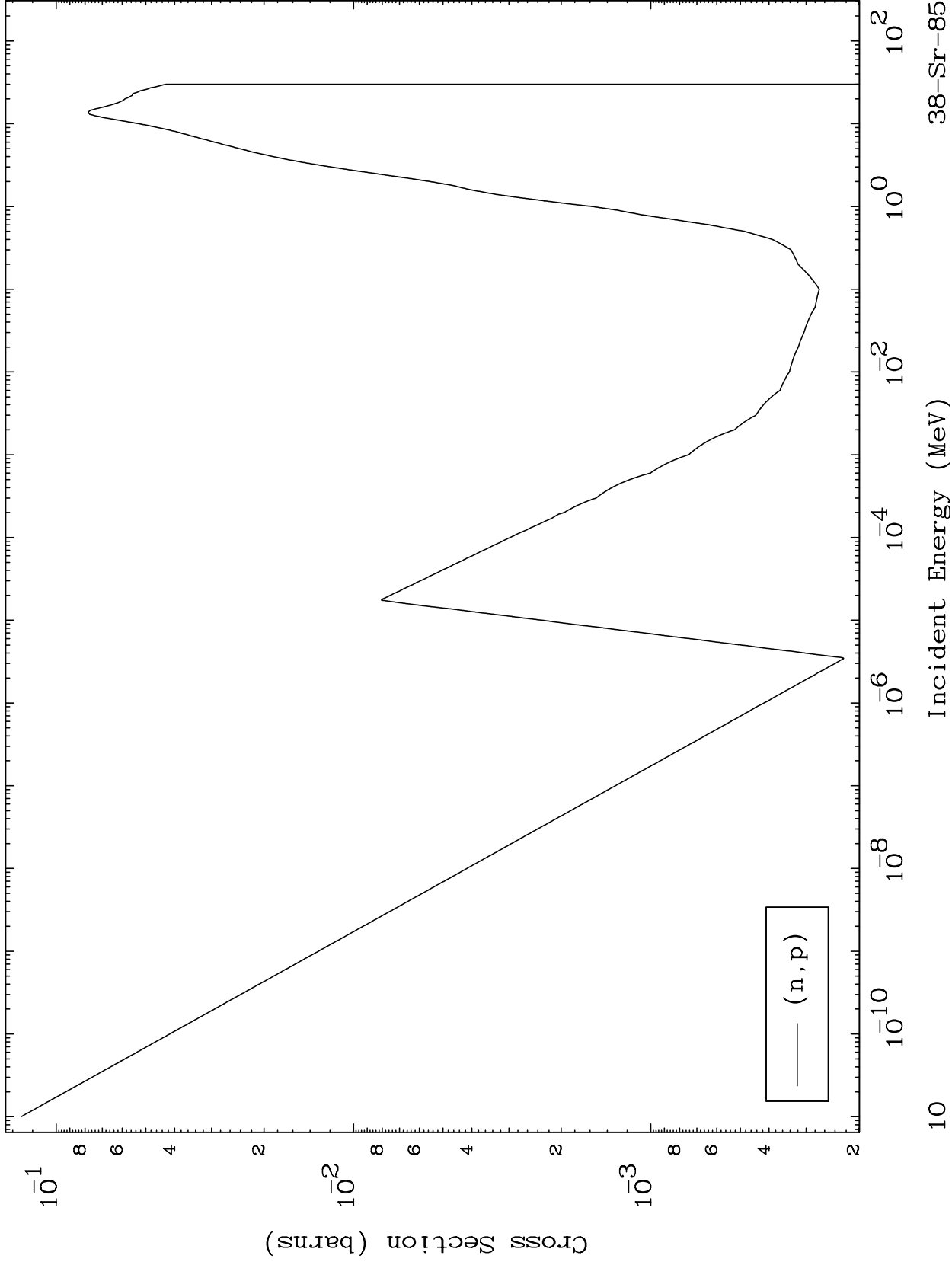
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,p) Levels
293 Kelvin Cross Sections

38-Sr-85



10

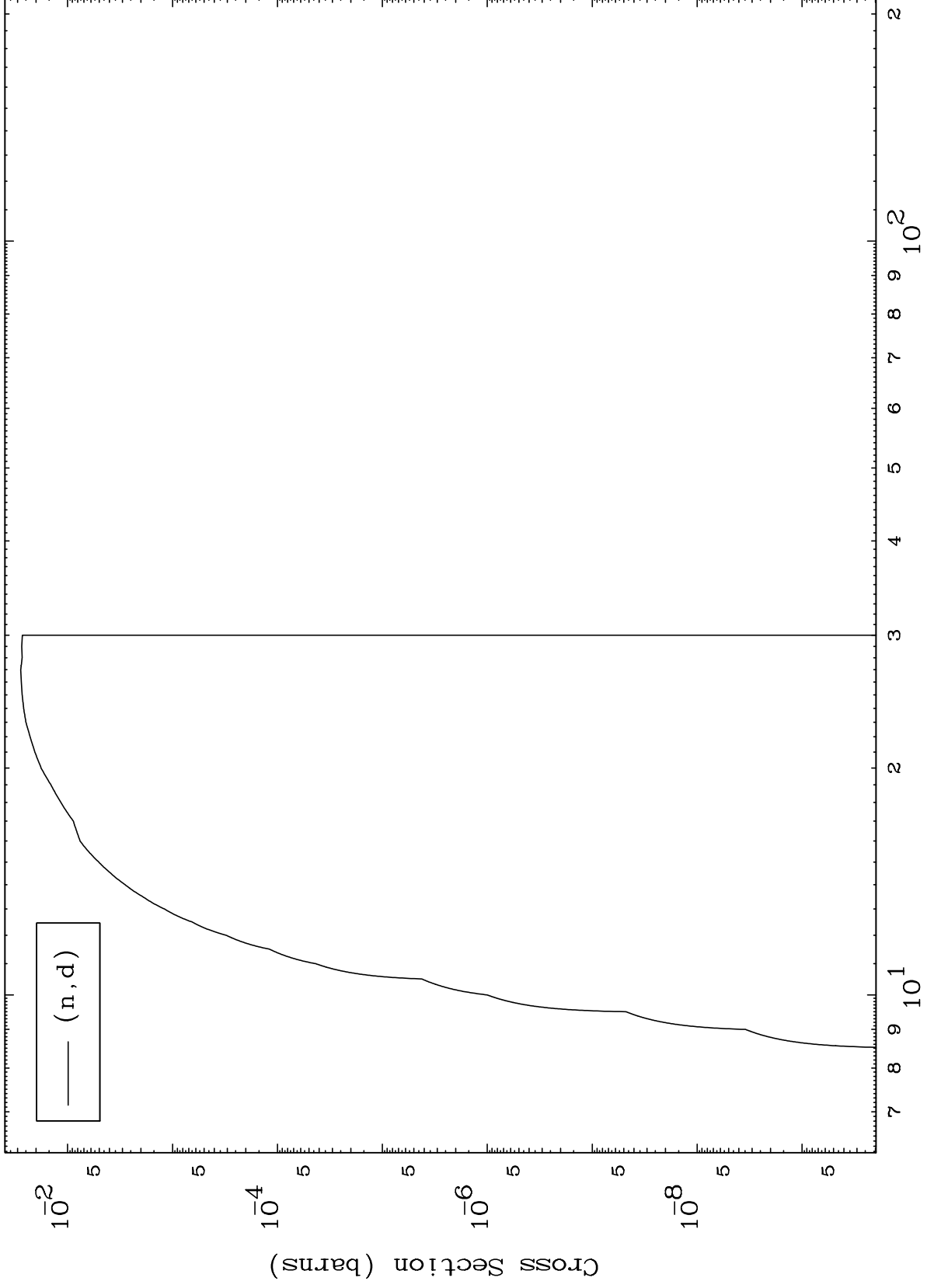
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,d) Levels
293 Kelvin Cross Sections

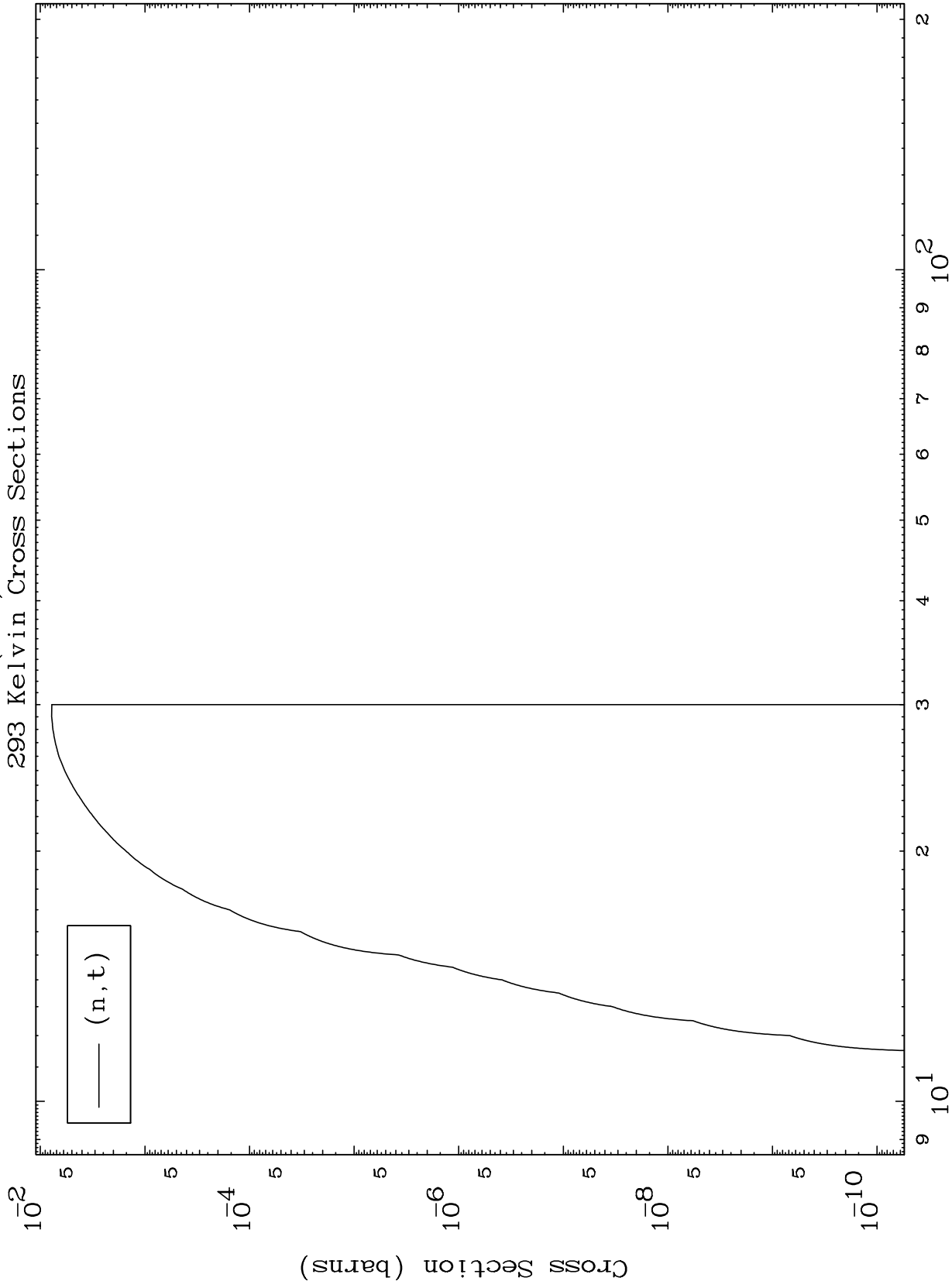
38-Sr-85



MAT 3828

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-85



12

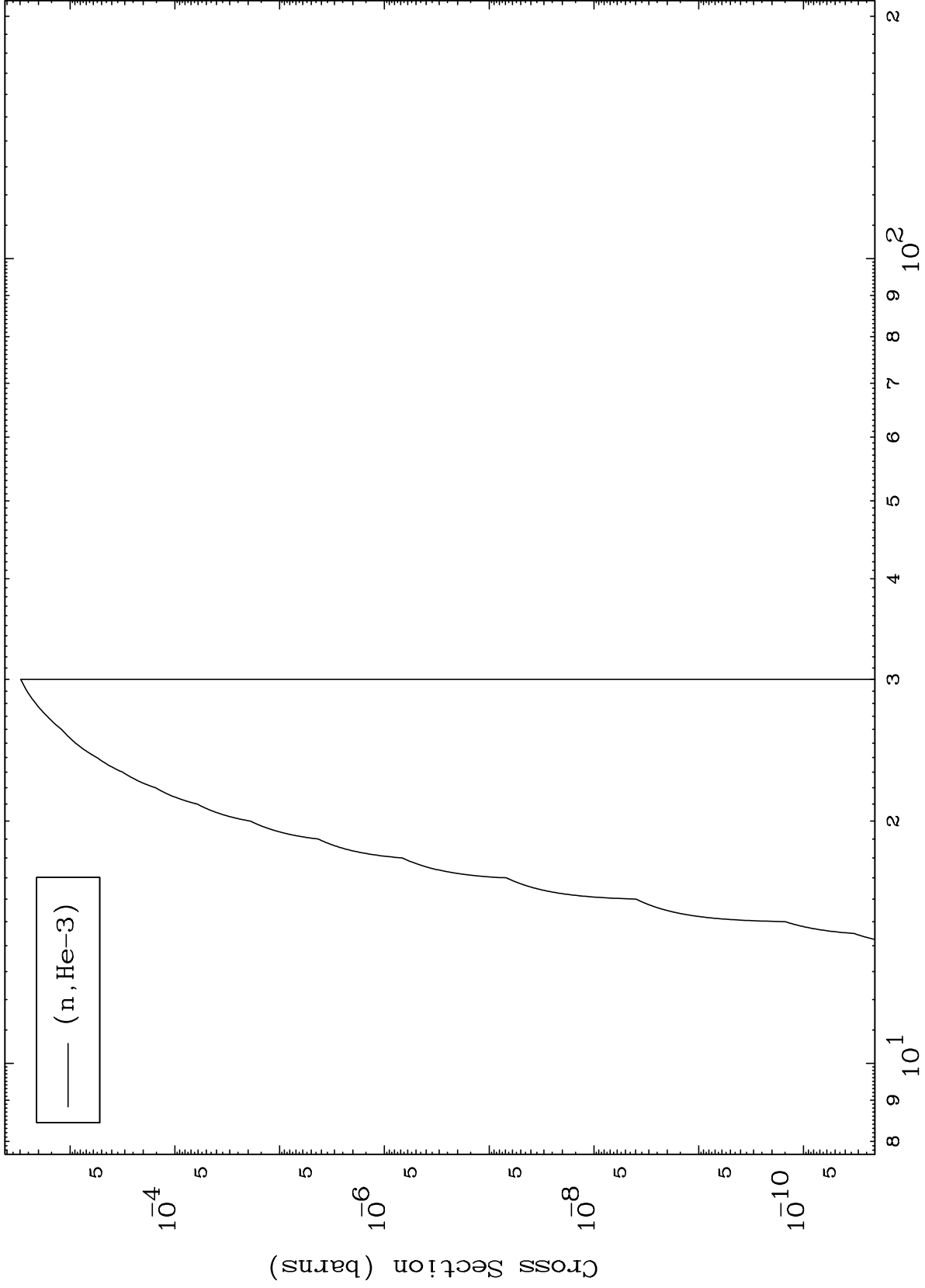
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-85



13

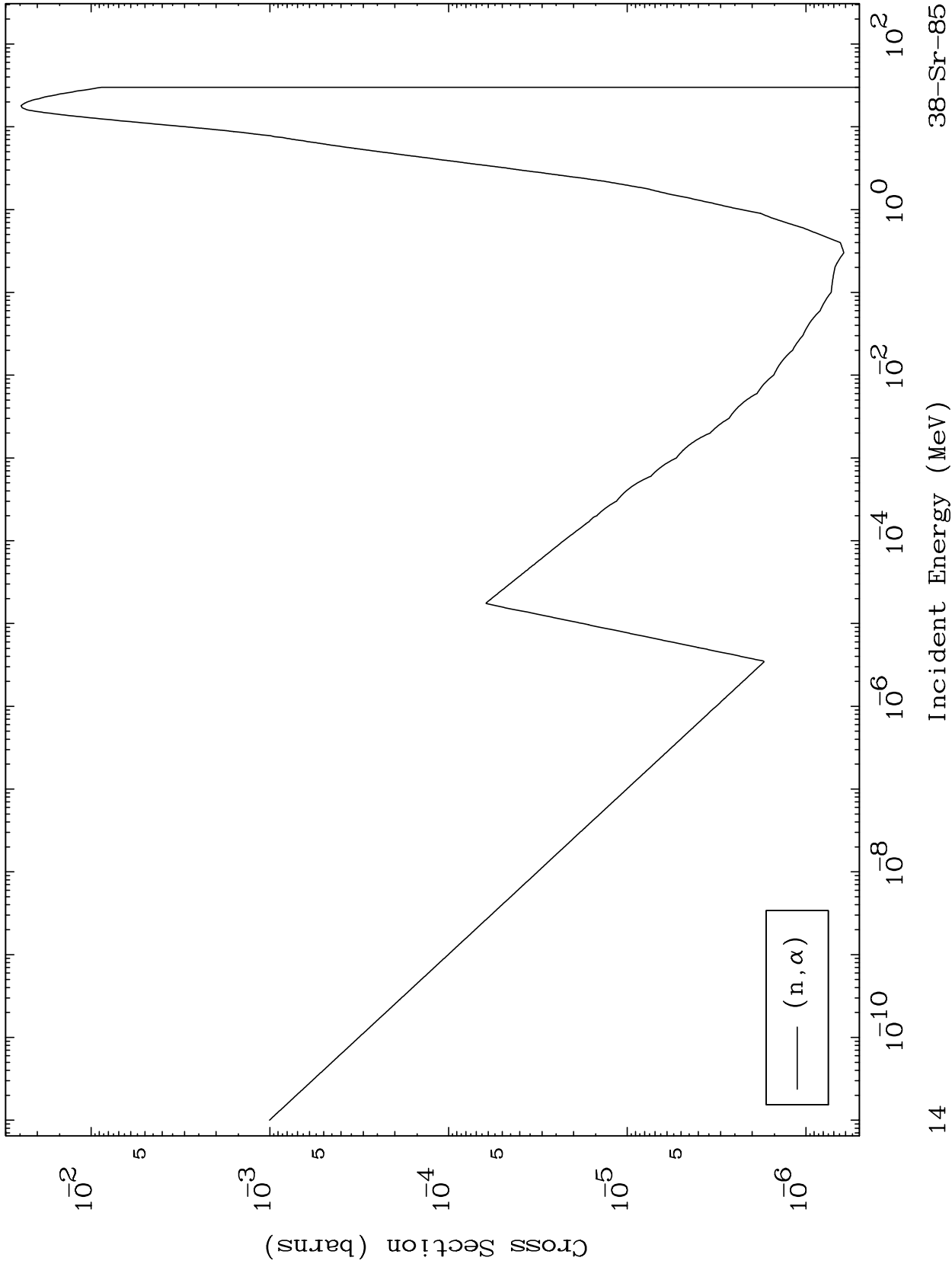
Incident Energy (MeV)

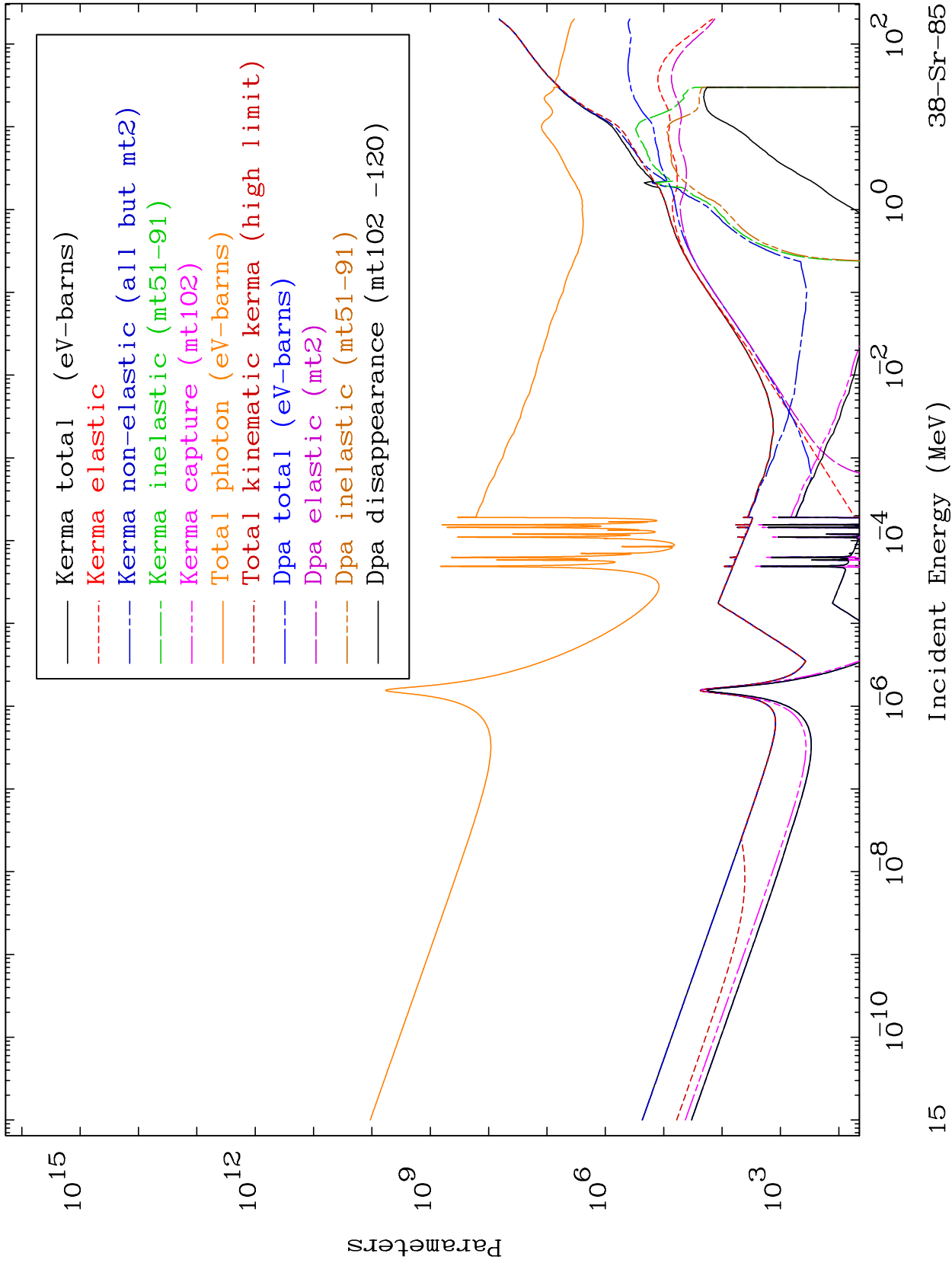
38-Sr-85

MAT 3828

(n, α) Levels
293 Kelvin Cross Sections

38-Sr-85

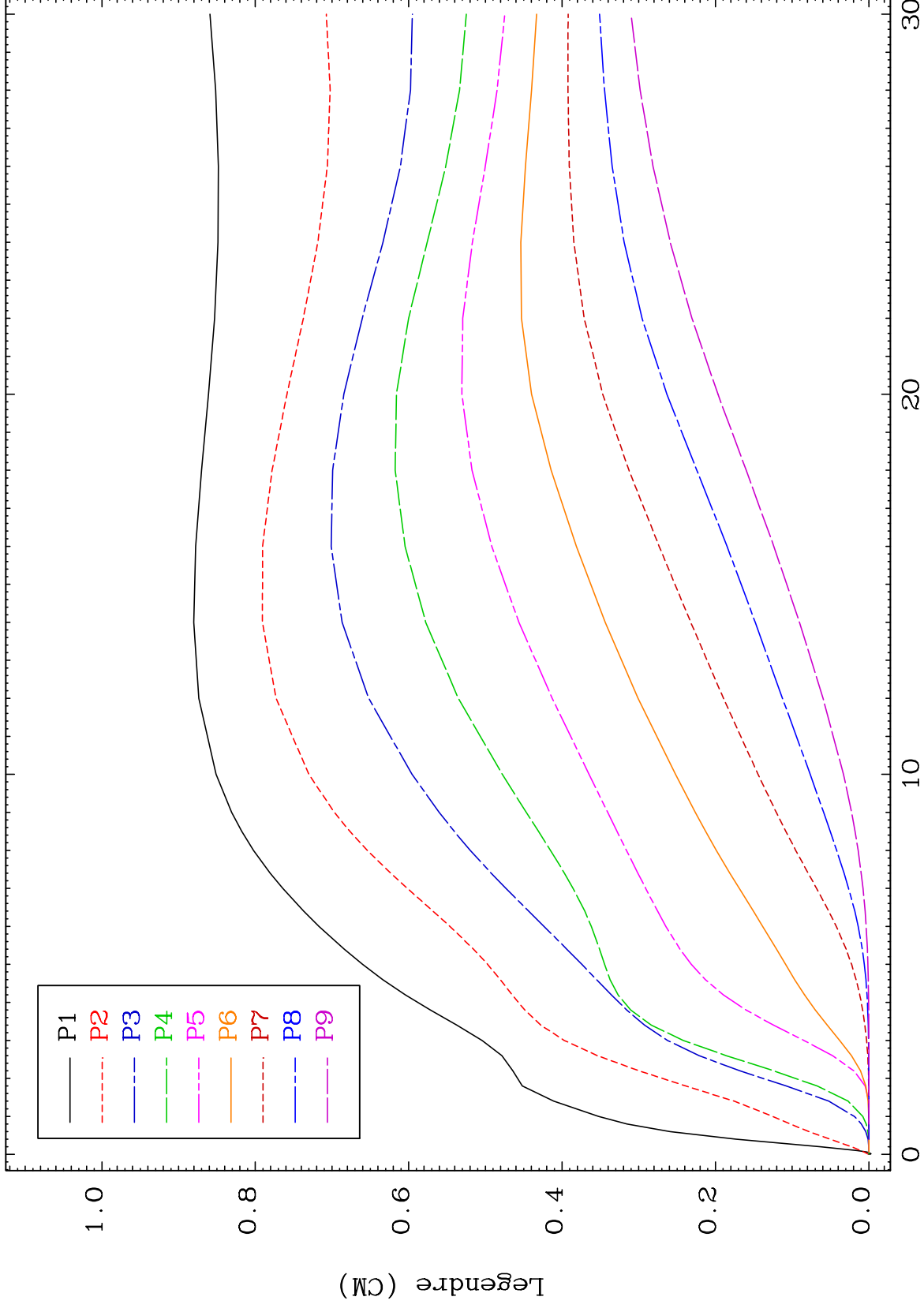




MAT 3828

Elastic Legendre Coefficients

³⁸Sr-85



16

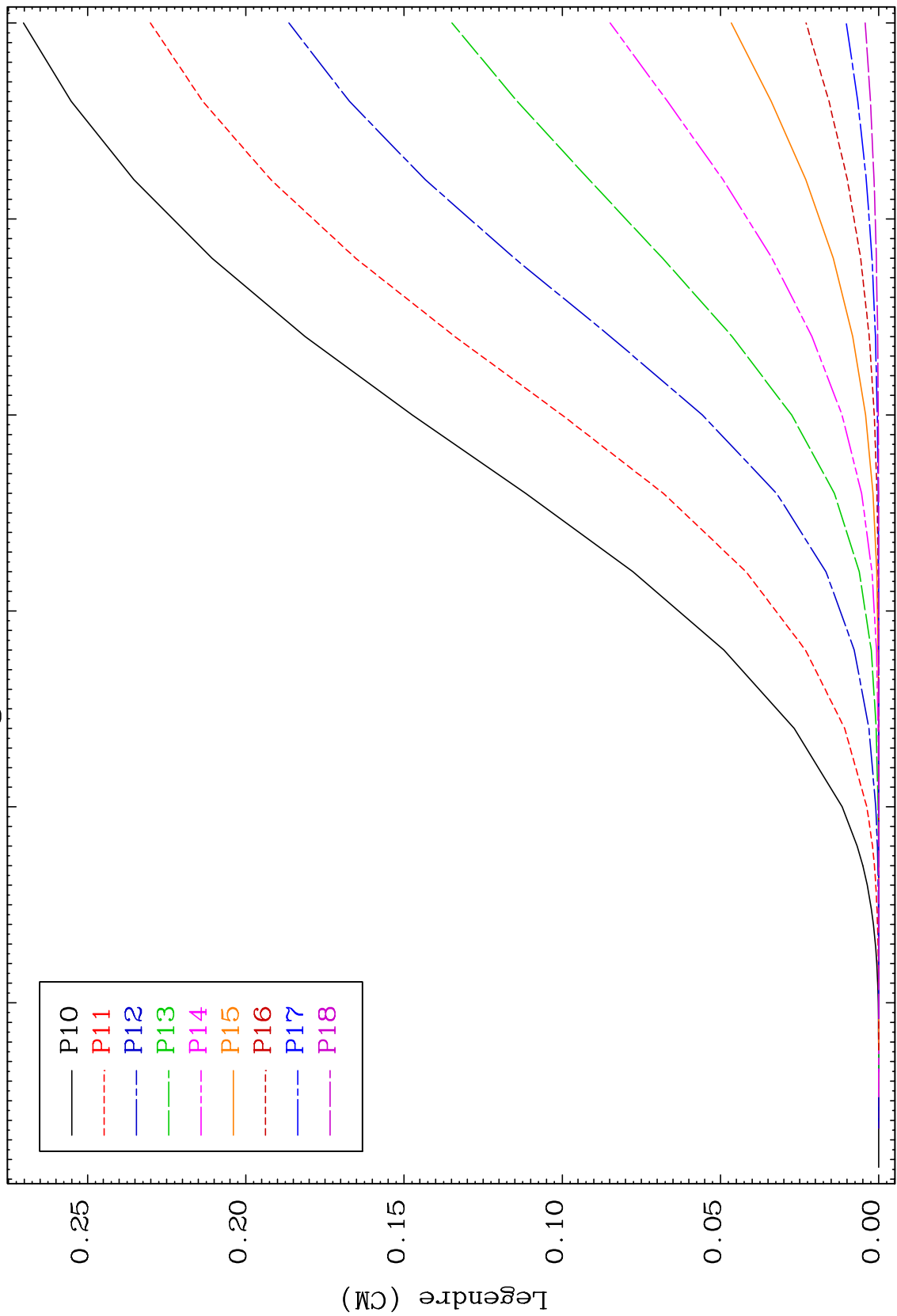
Incident Energy (MeV)

³⁸Sr-85

MAT 3828

Elastic Legendre Coefficients

38-Sr-85



17

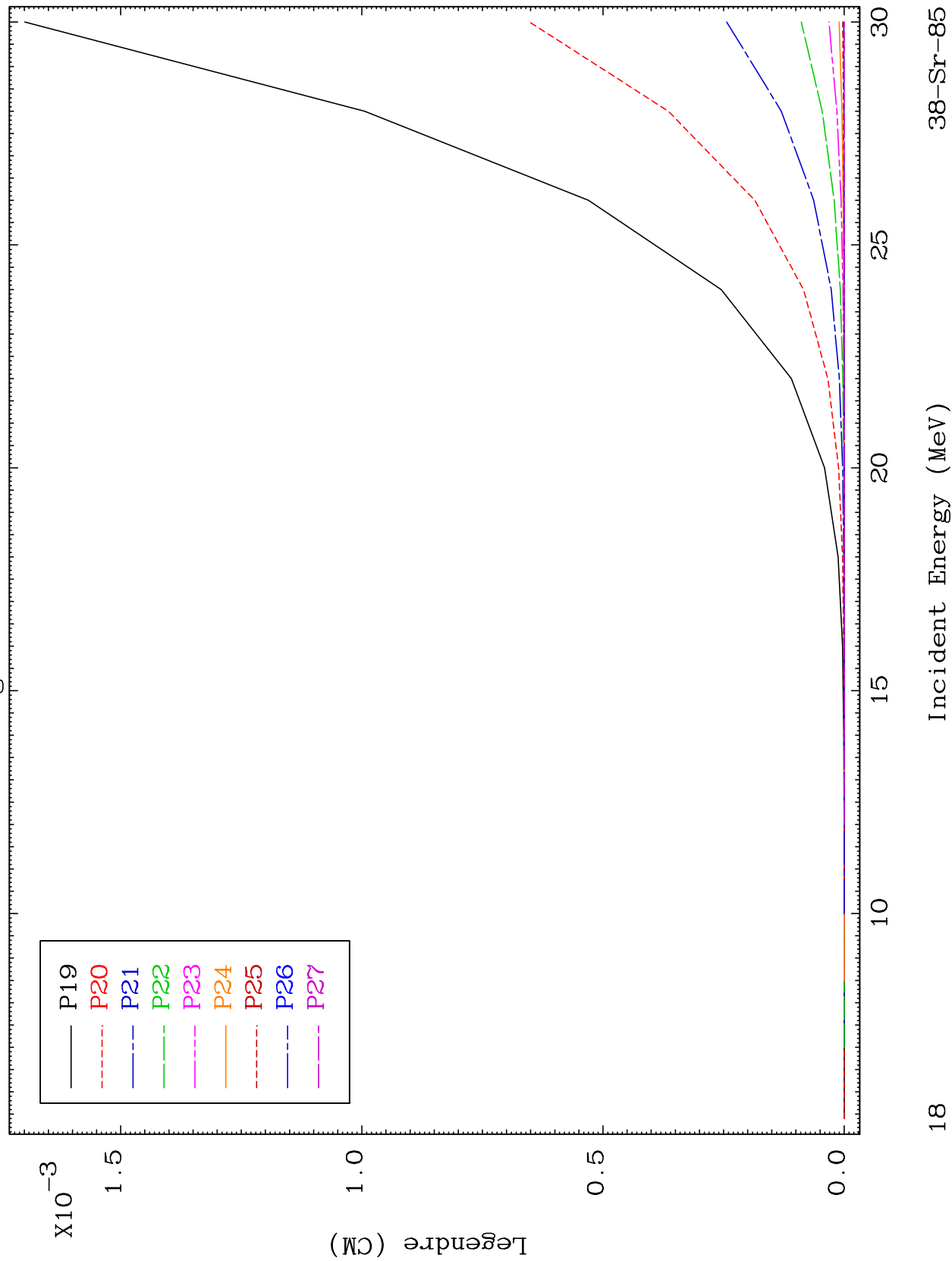
Incident Energy (MeV)

38-Sr-85

MAT 3828

Elastic Legendre Coefficients

38-Sr-85



18

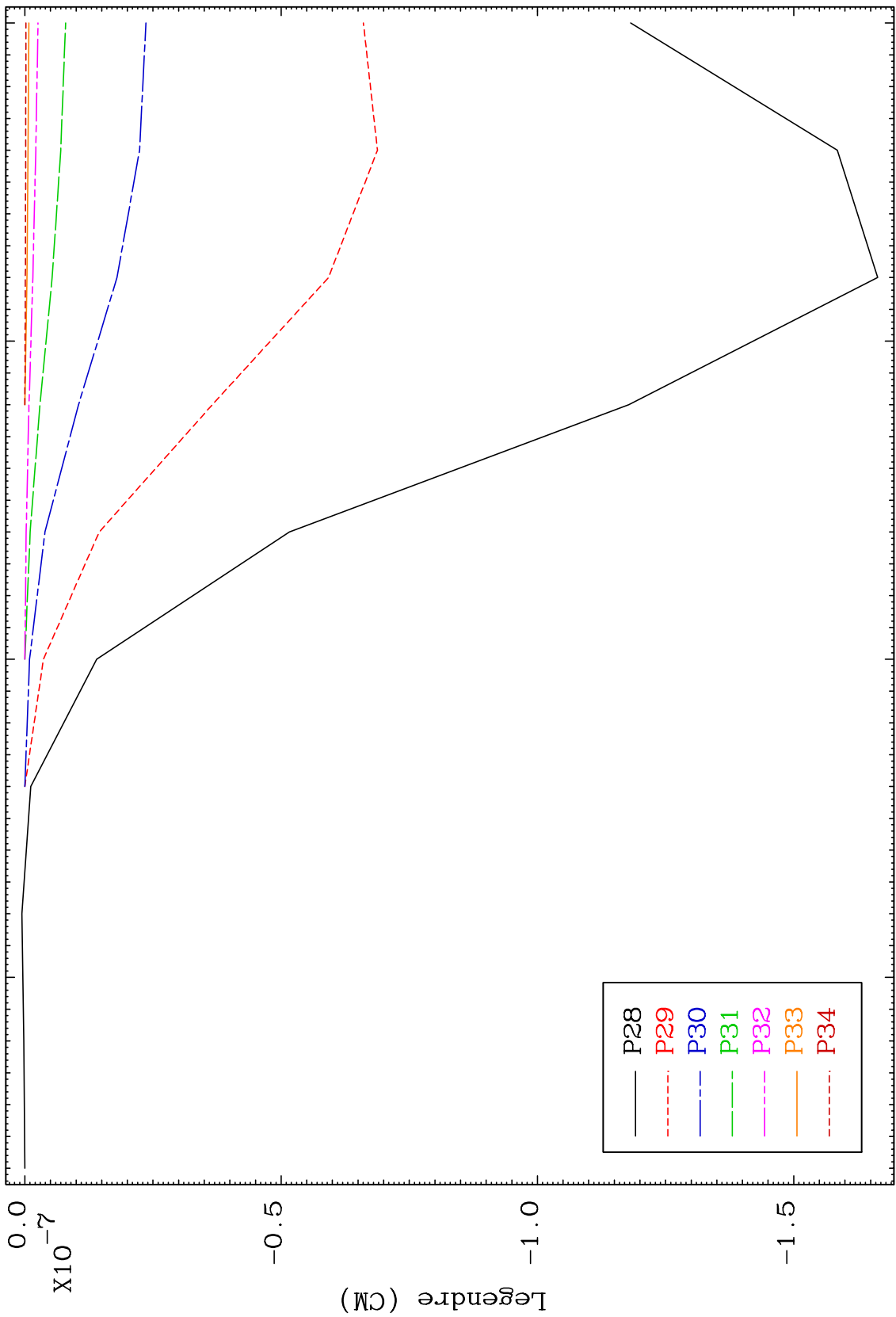
Incident Energy (MeV)

38-Sr-85

MAT 3828

38-Sr-85

Elastic Legendre Coefficients



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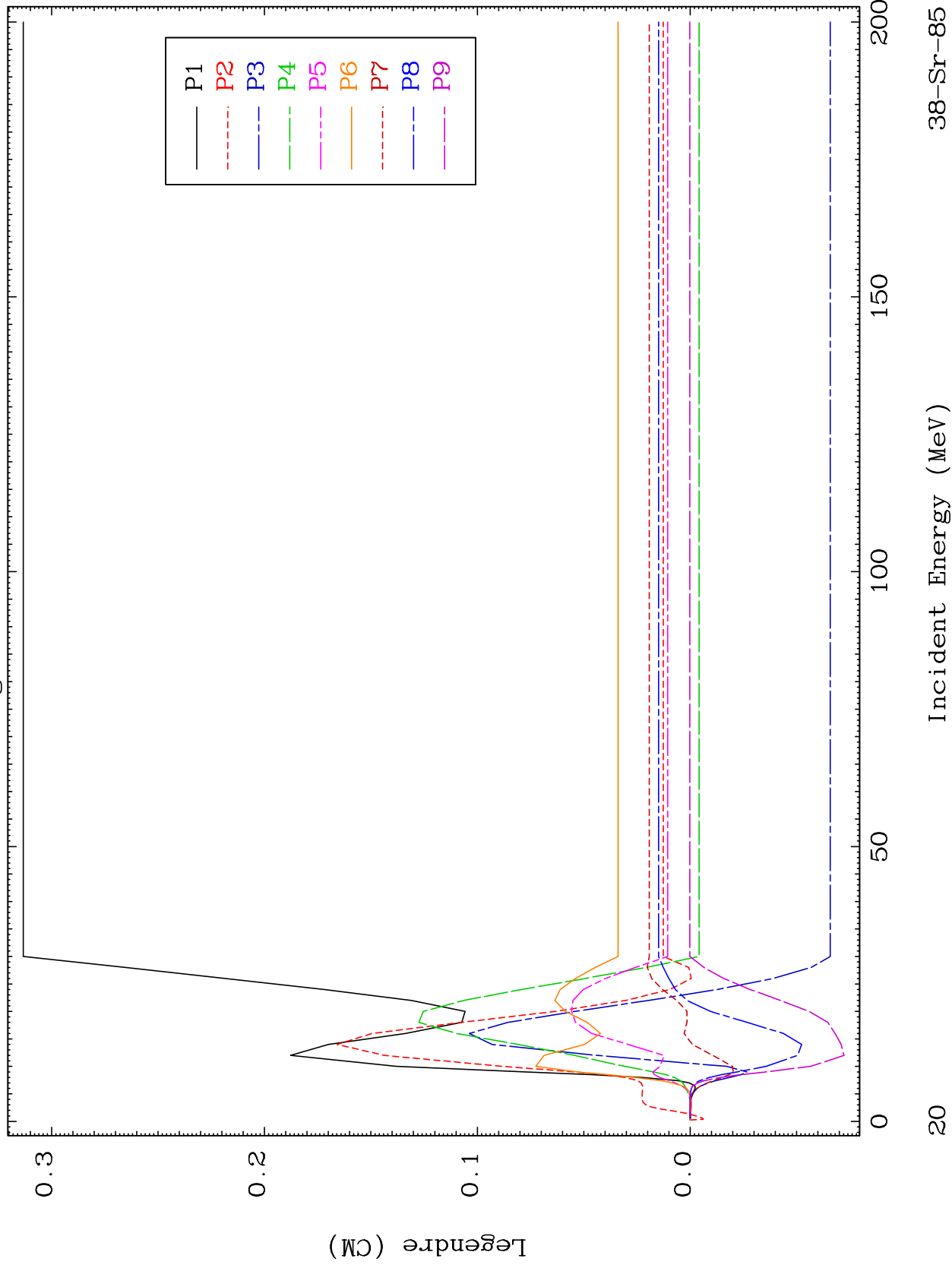
Incident Energy (MeV)

38-Sr-85

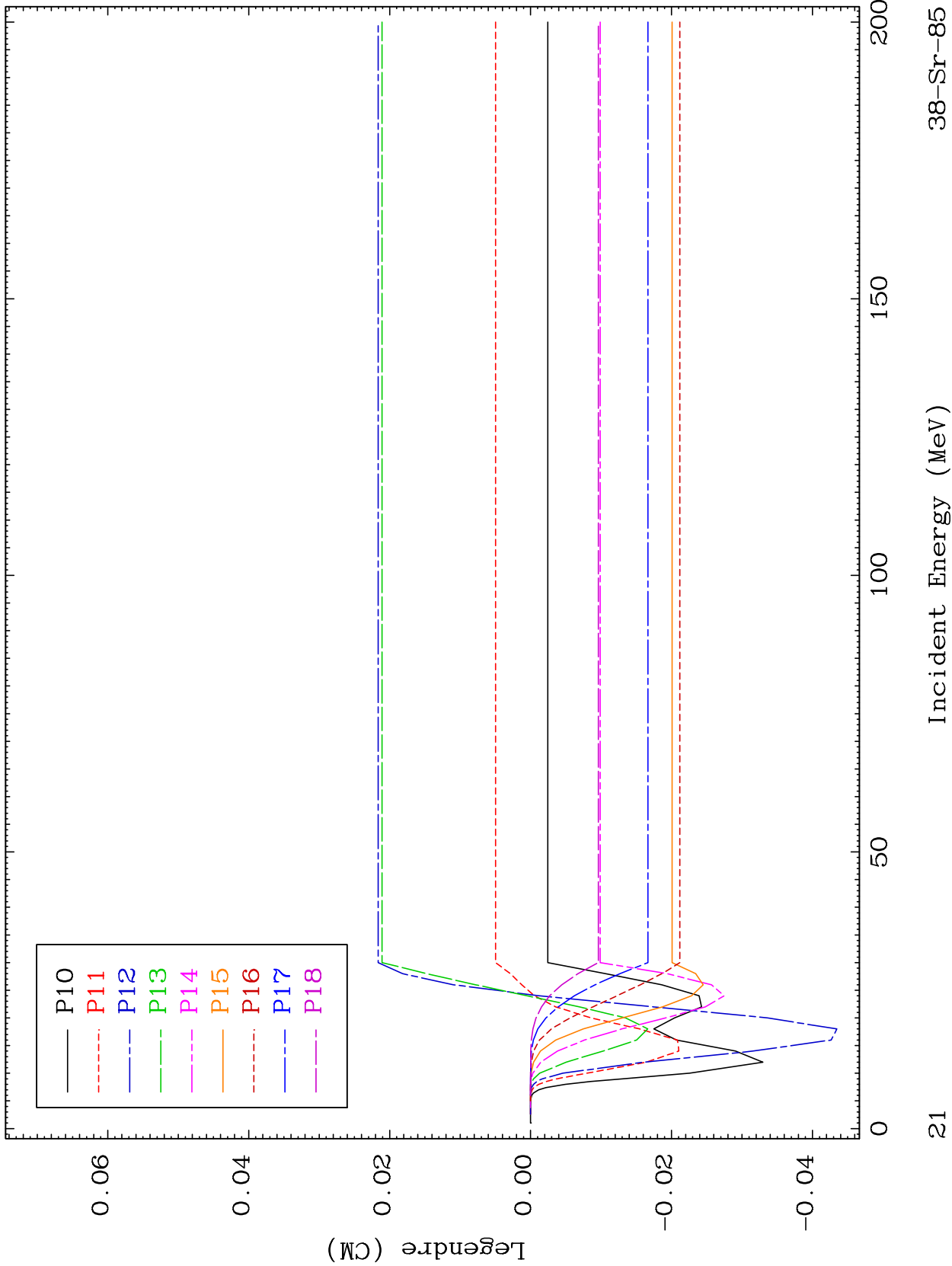
MAT 3828

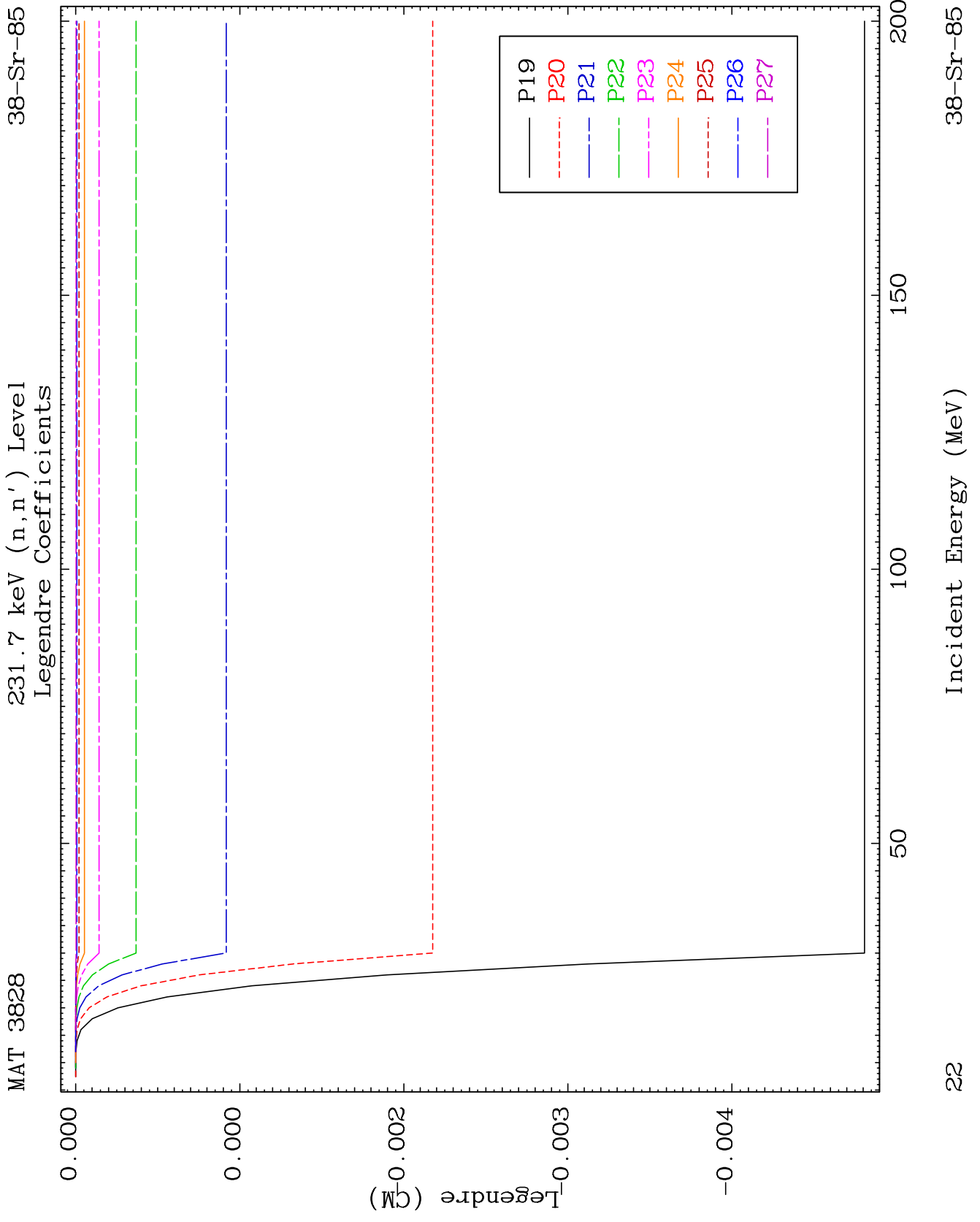
231.7 keV (n,n') Level
Legendre Coefficients

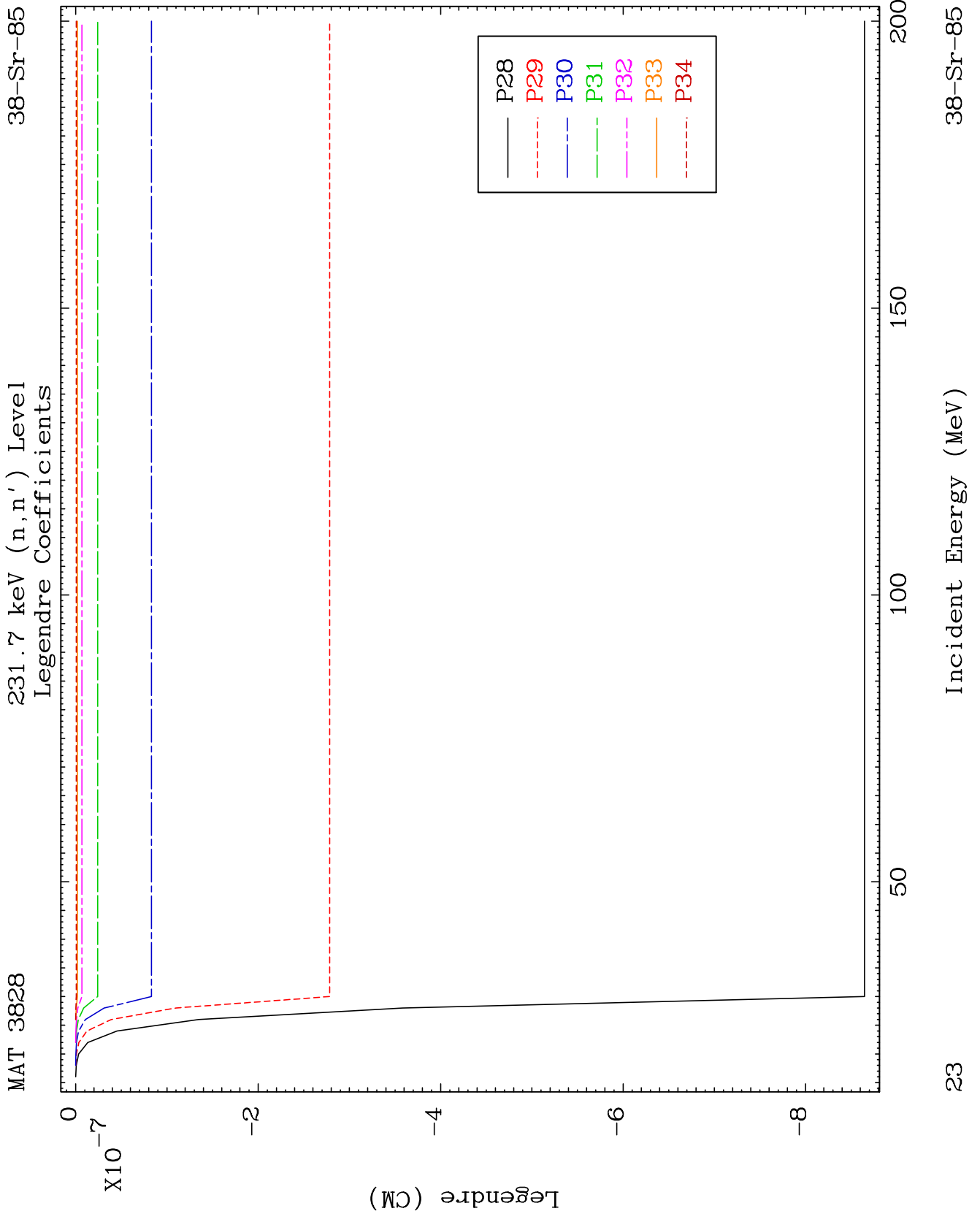
38-Sr-85



38-Sr-85



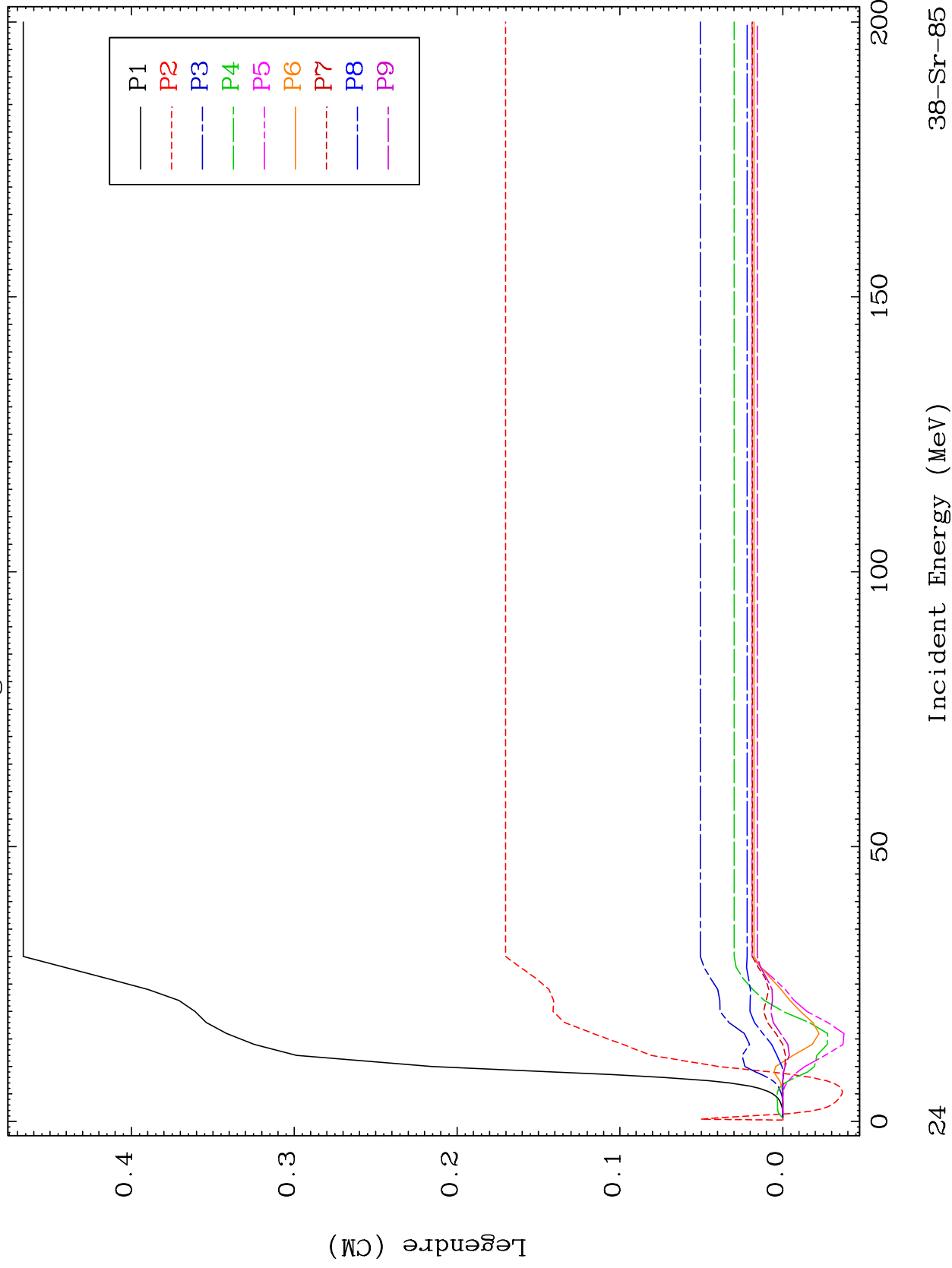




MAT 3828

238.7 keV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

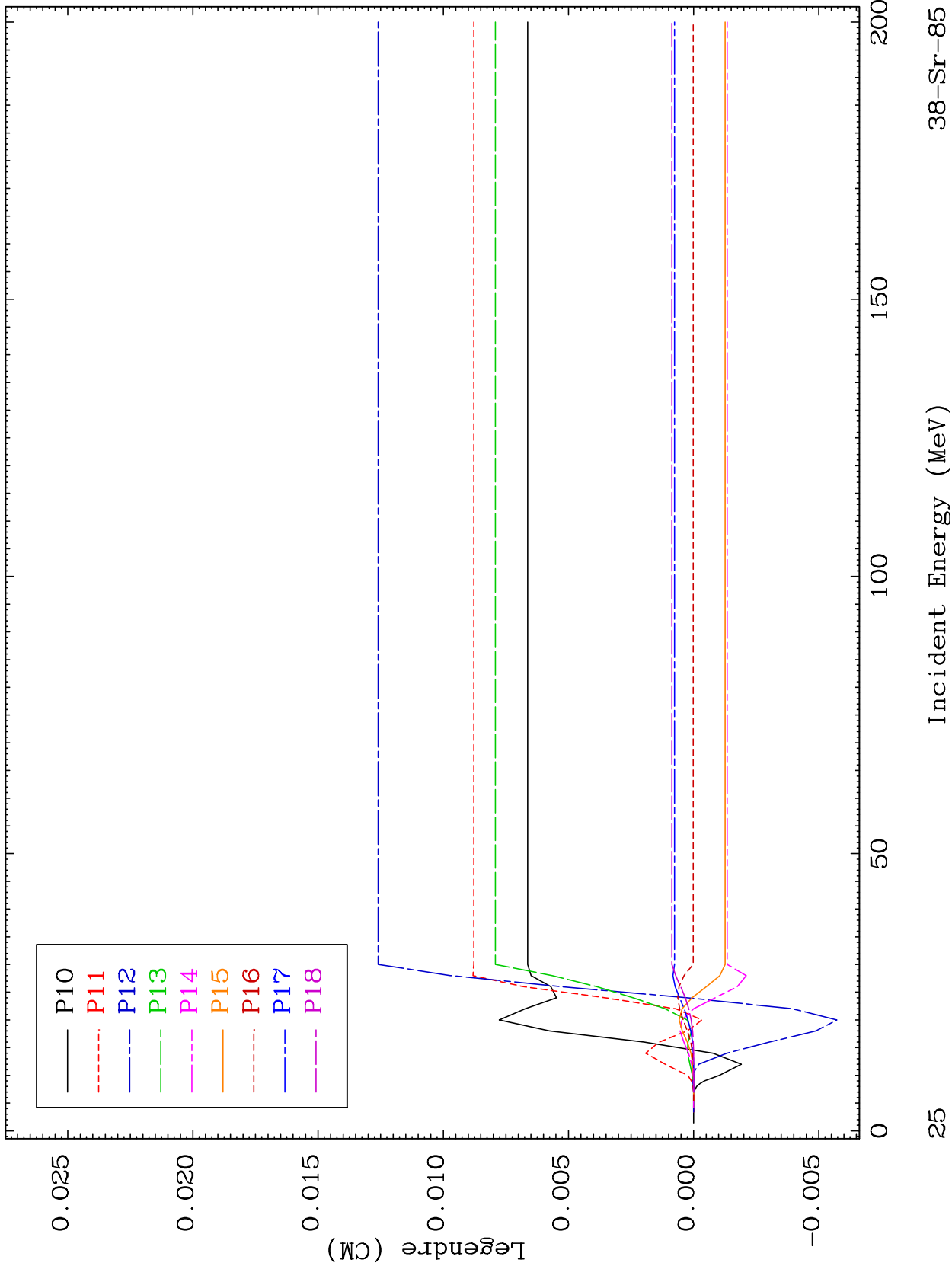
Incident Energy (MeV)

24

MAT 3828

238.7 keV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

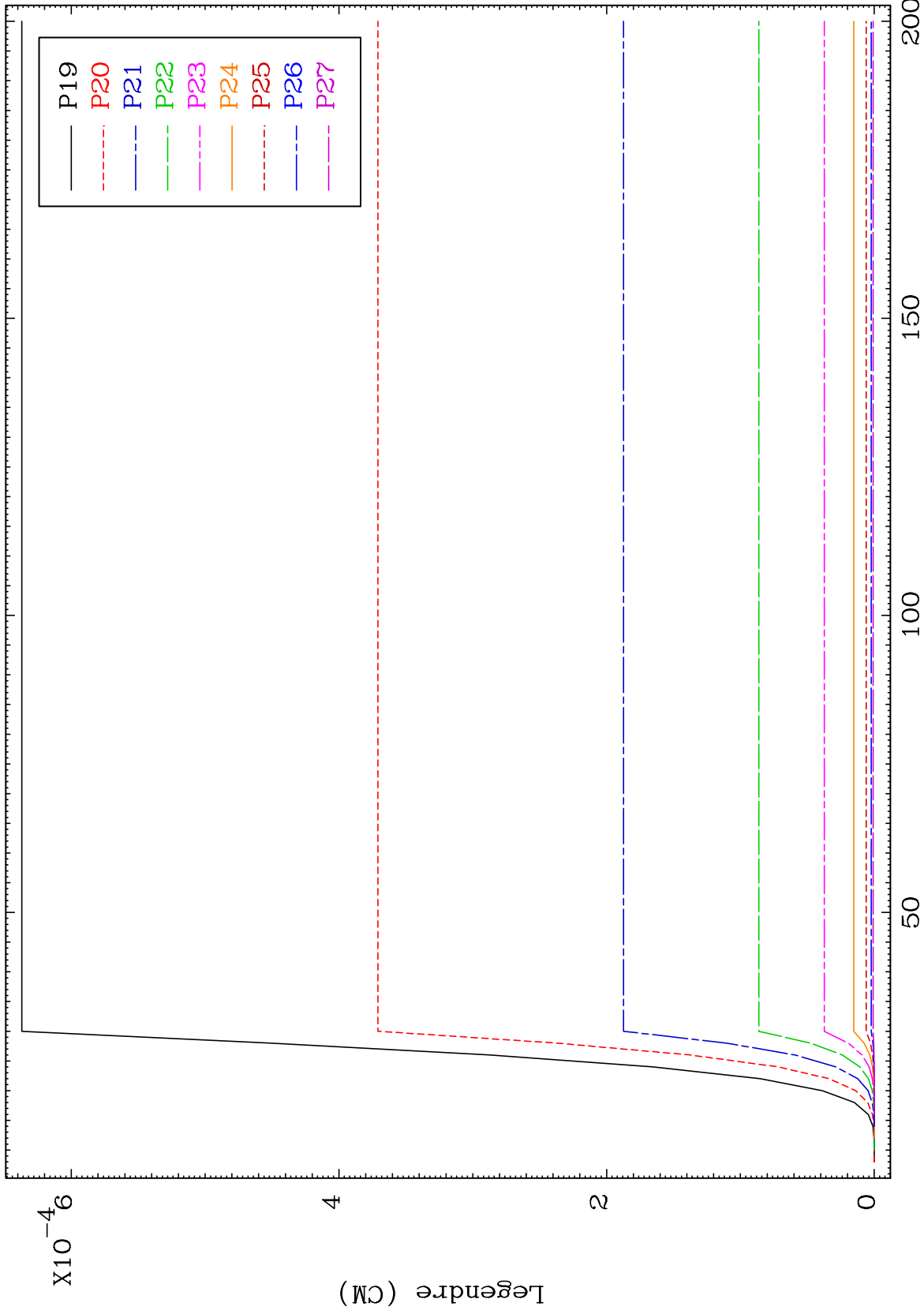
Incident Energy (MeV)

25

MAT 3828

238.7 keV (n,n') Level
Legendre Coefficients

38-Sr-85



26

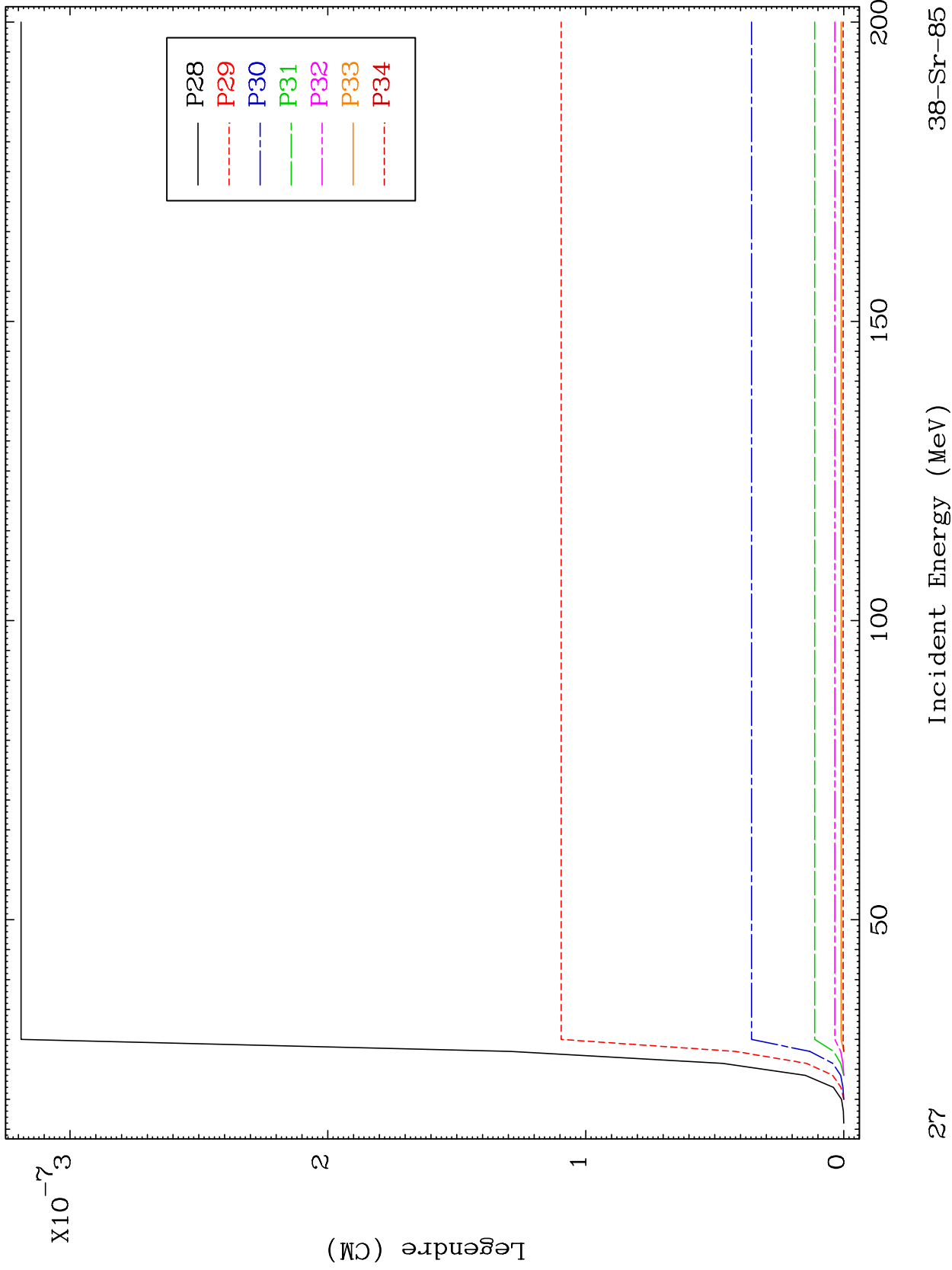
Incident Energy (MeV)

38-Sr-85

MAT 3828

238.7 keV (n,n') Level
Legendre Coefficients

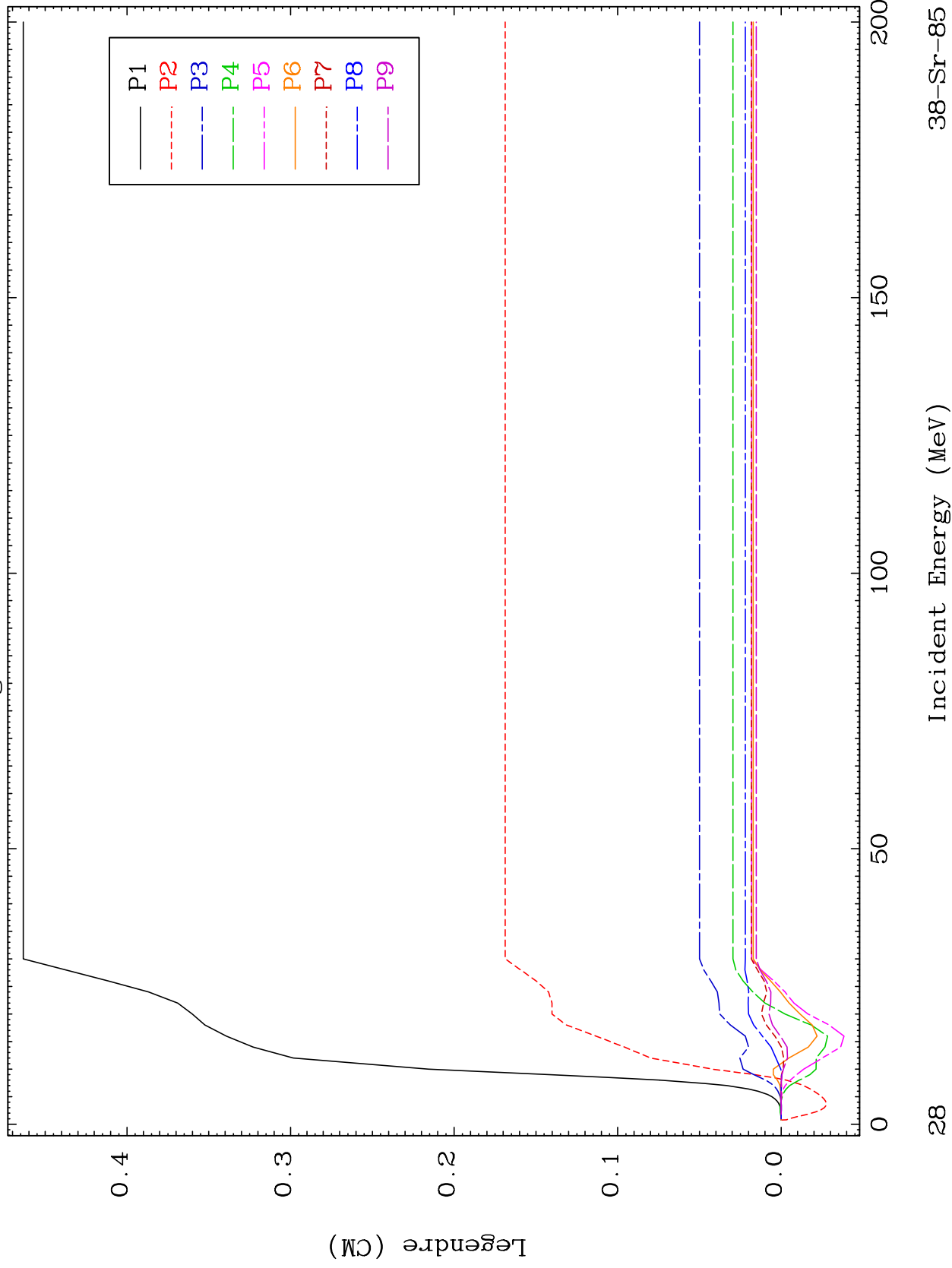
38-Sr-85



MAT 3828

743.1 keV (n,n') Level
Legendre Coefficients

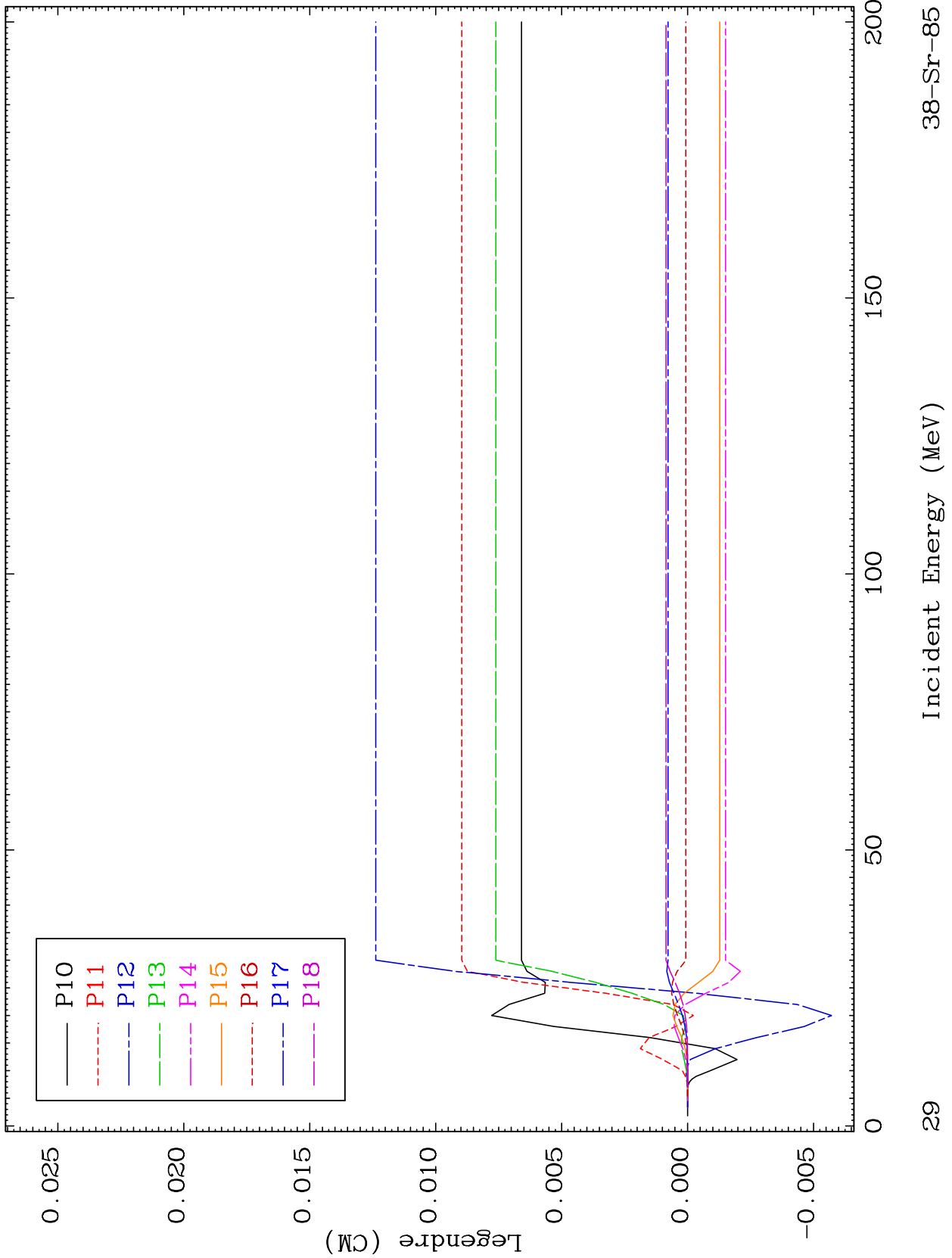
38-Sr-85



38-Sr-85

Incident Energy (MeV)

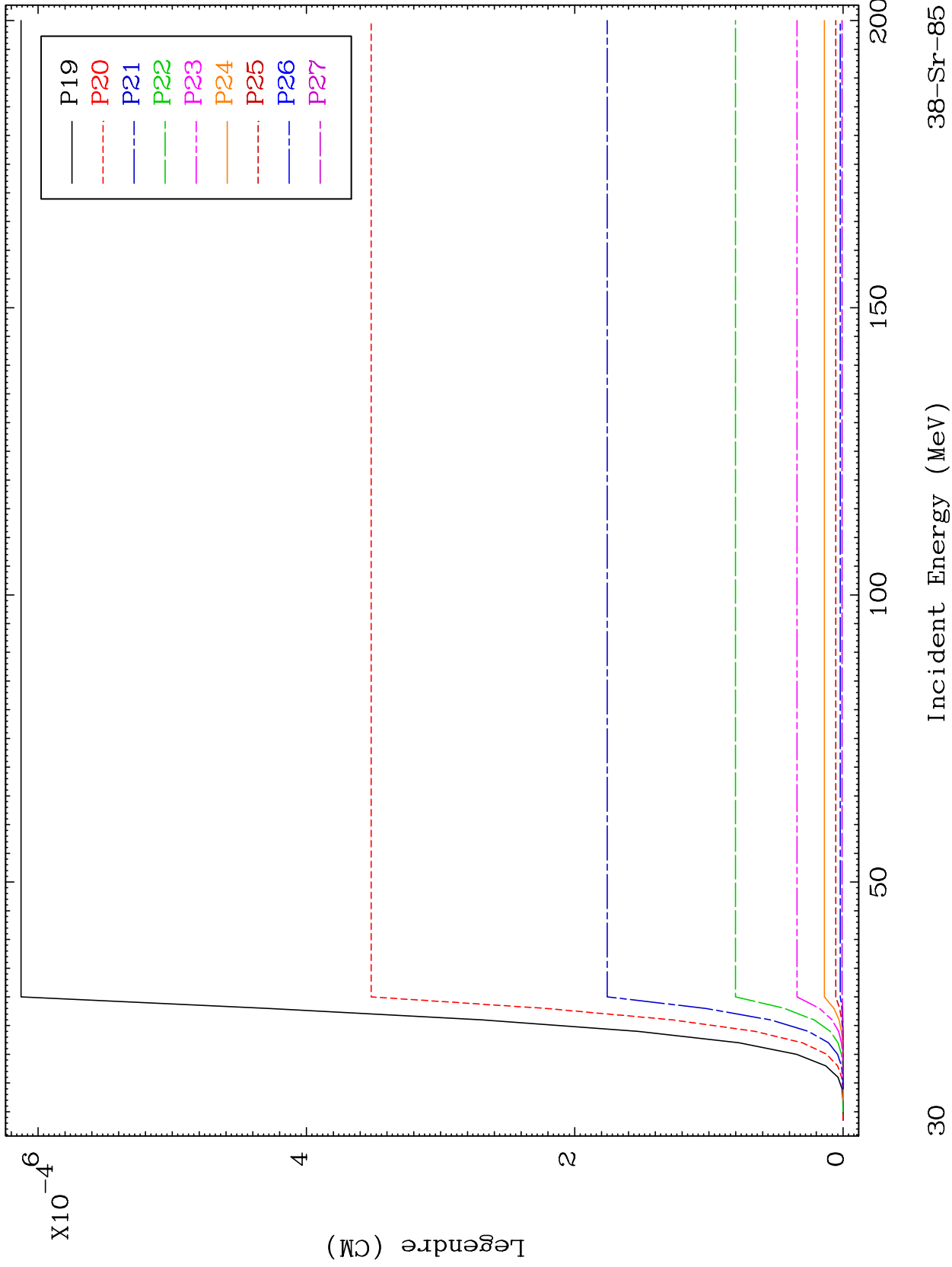
28

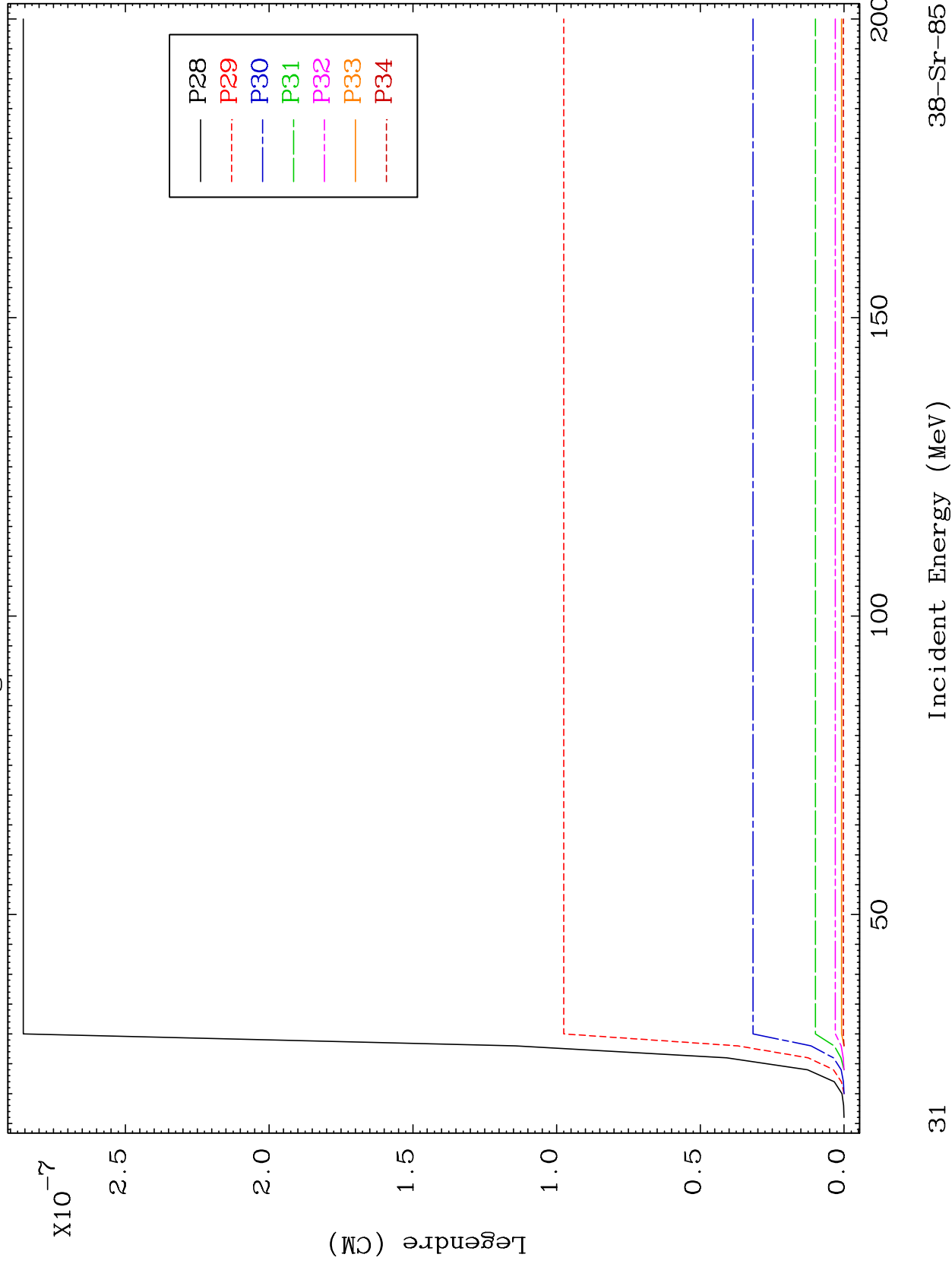


MAT 3828

743.1 keV (n,n') Level
Legendre Coefficients

38-Sr-85

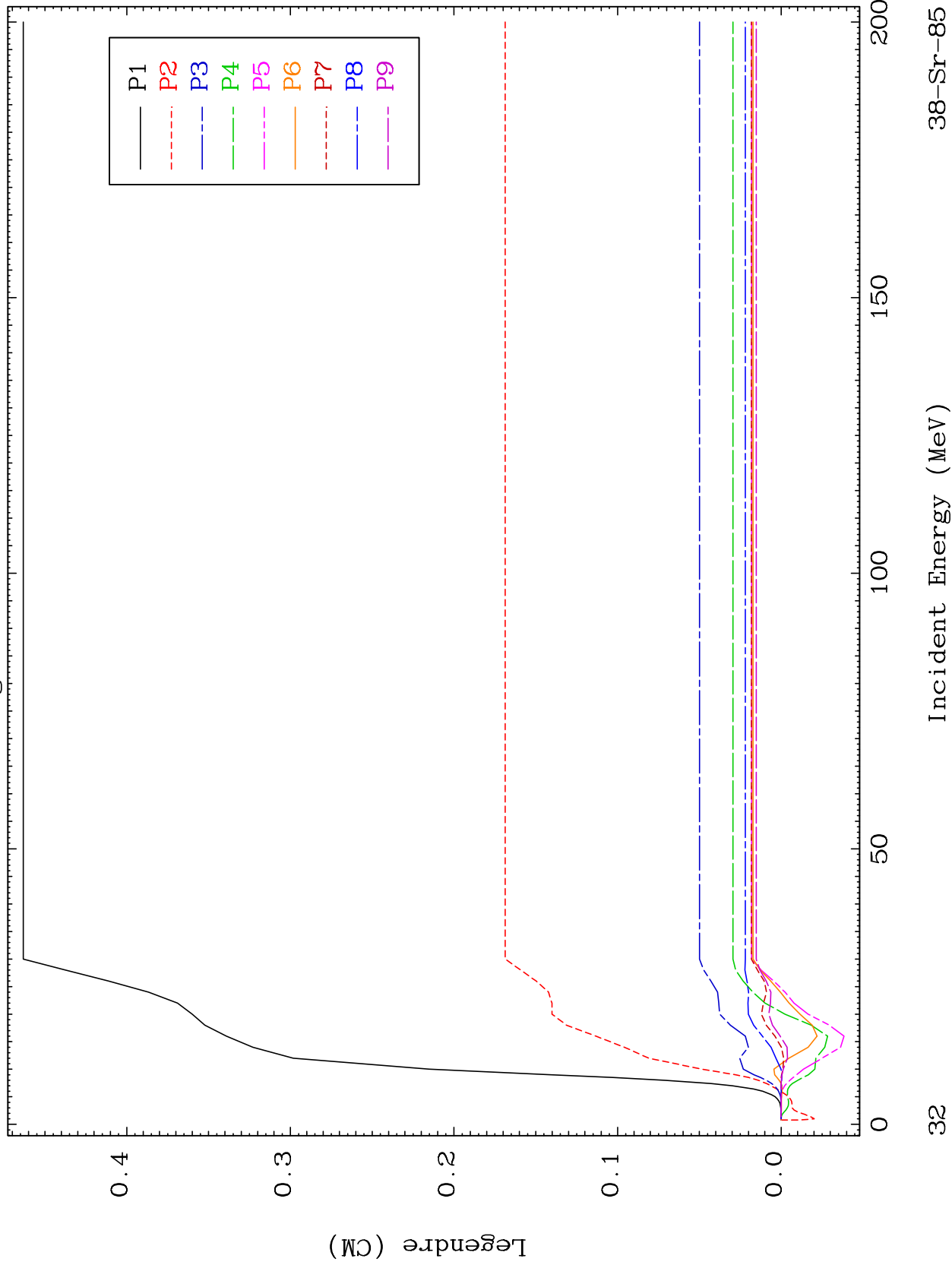




MAT 3828

767.3 keV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

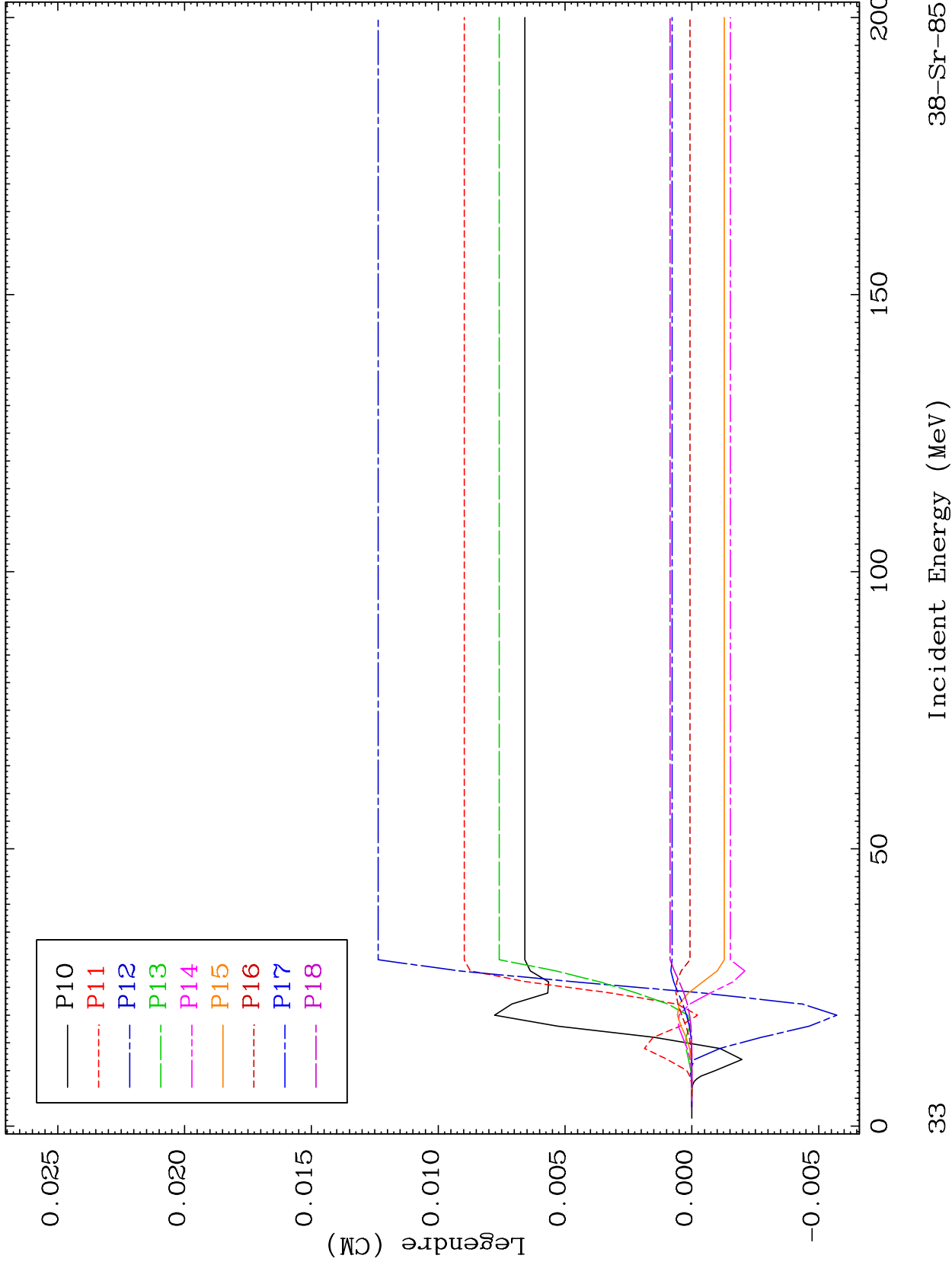
Incident Energy (MeV)

32

MAT 3828

767.3 keV (n,n') Level
Legendre Coefficients

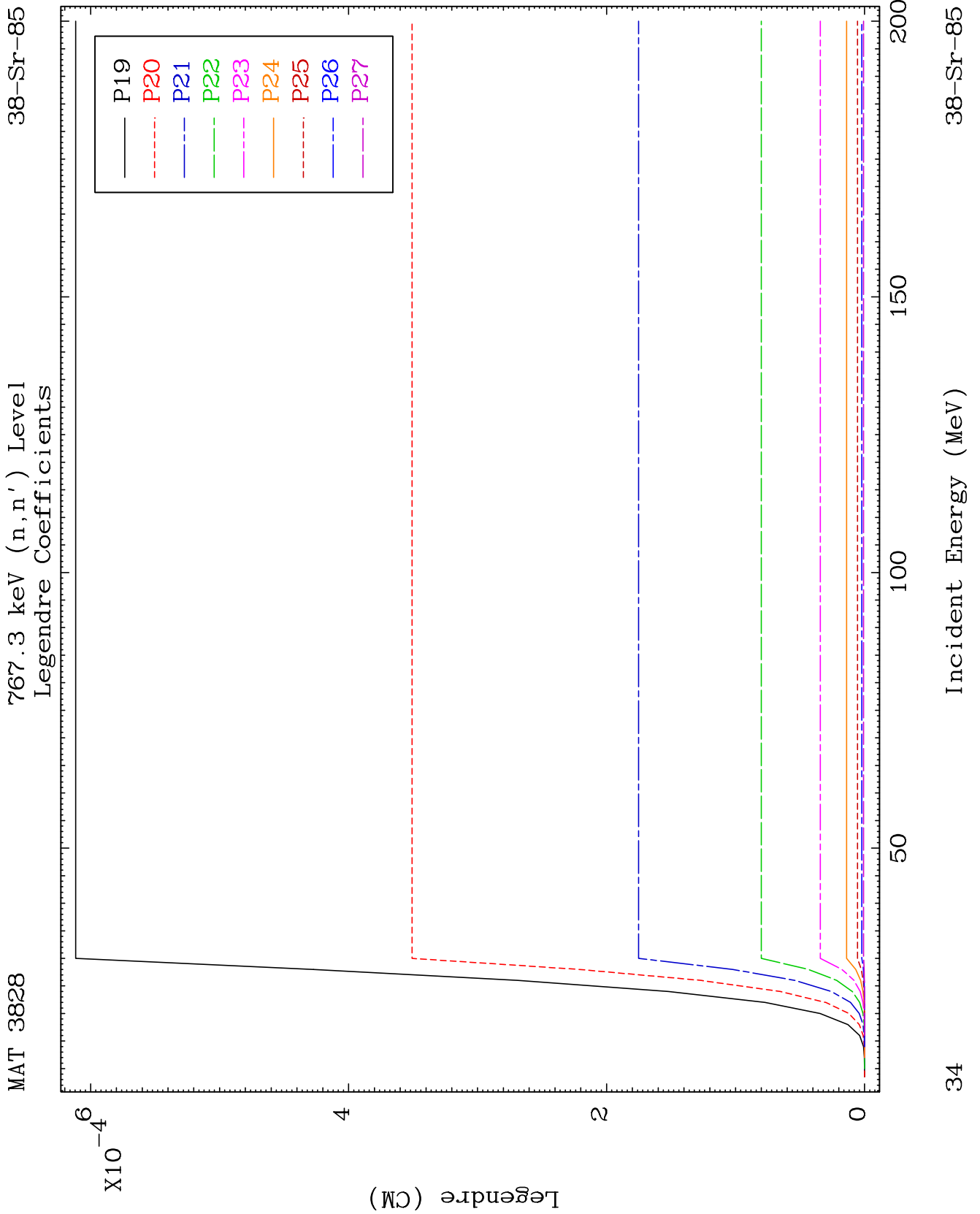
38-Sr-85



33

Incident Energy (MeV)

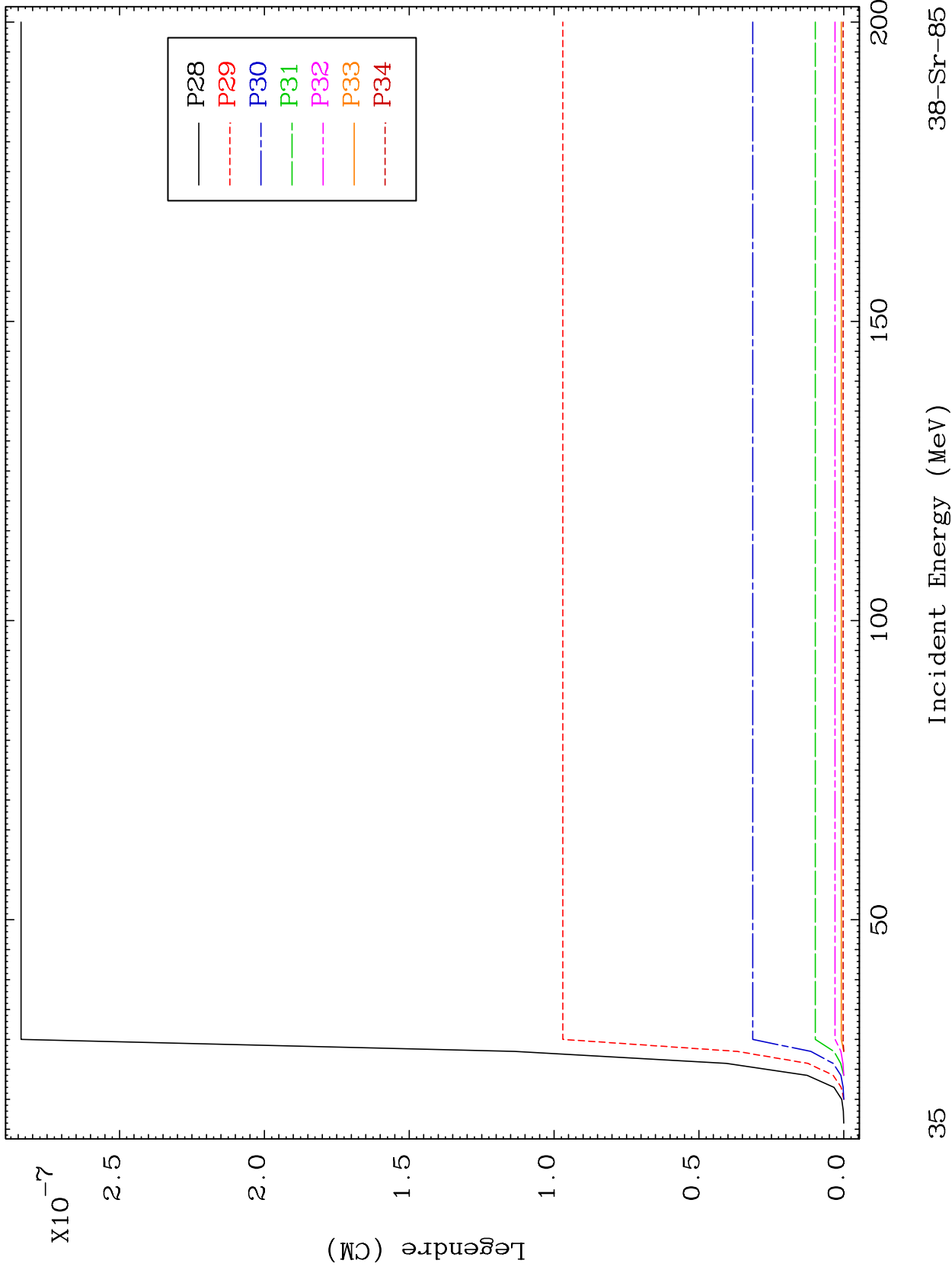
38-Sr-85



MAT 3828

767.3 keV (n,n') Level
Legendre Coefficients

38-Sr-85



35

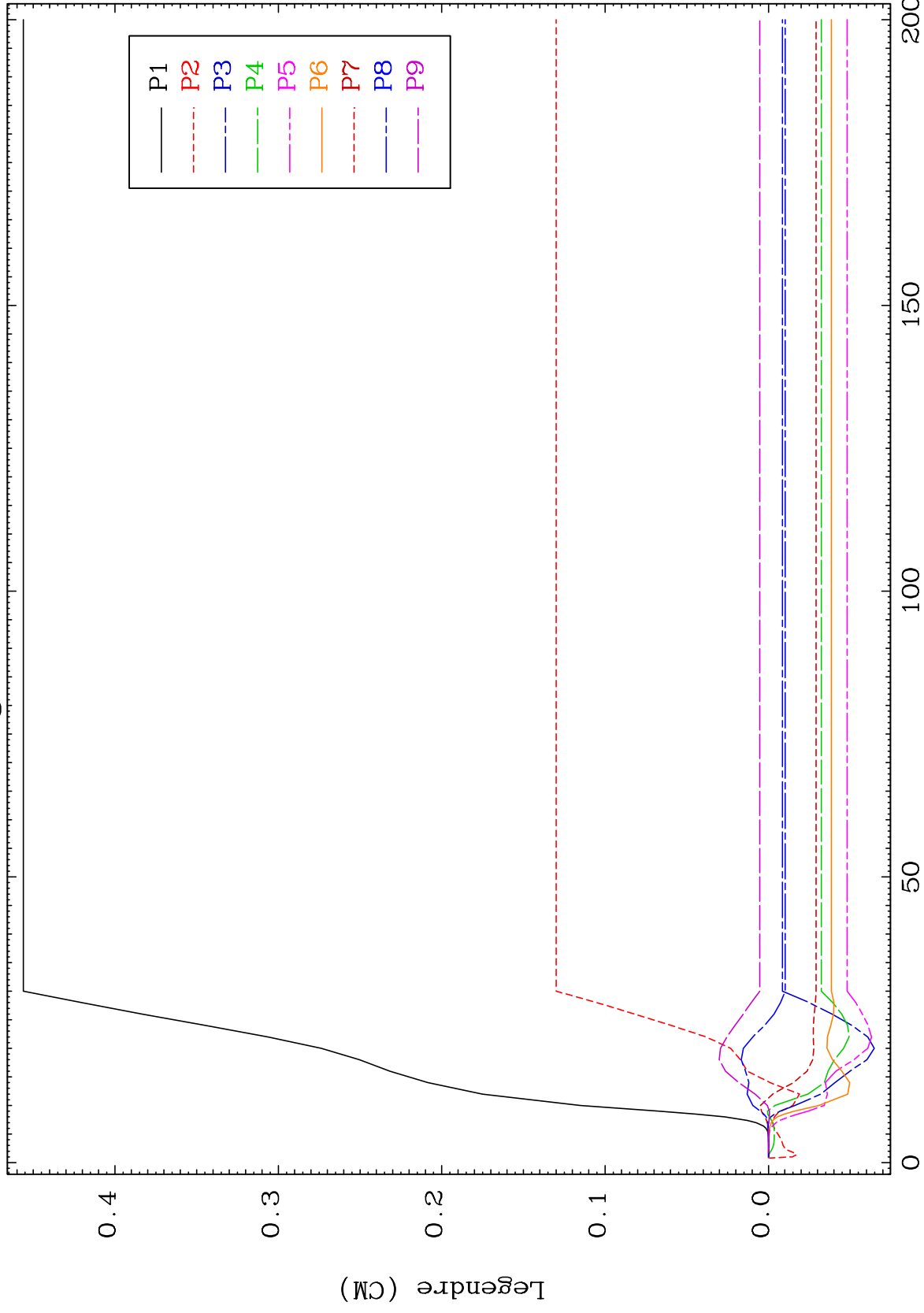
Incident Energy (MeV)

38-Sr-85

MAT 3828

785.4 keV (n,n') Level
Legendre Coefficients

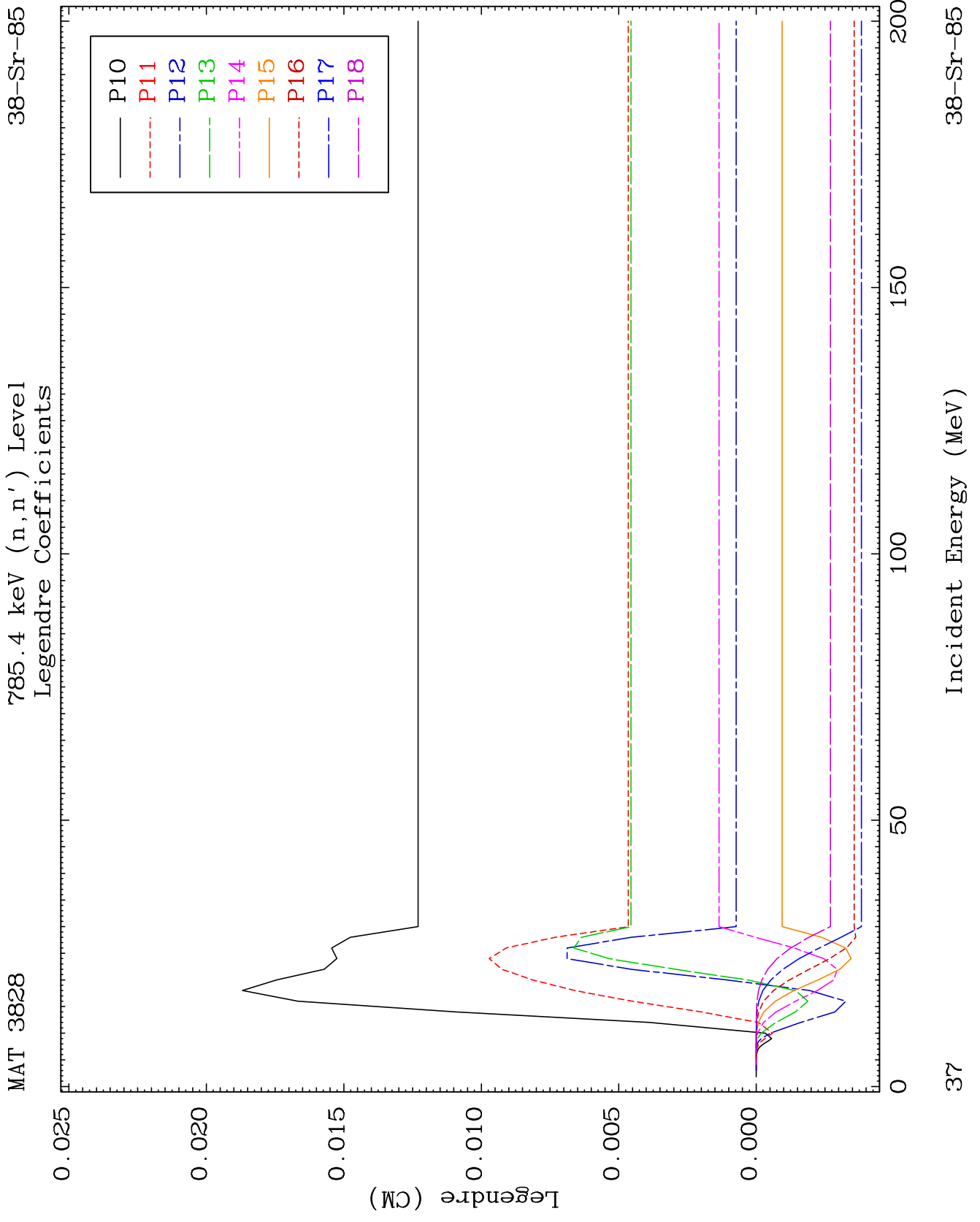
38-Sr-85

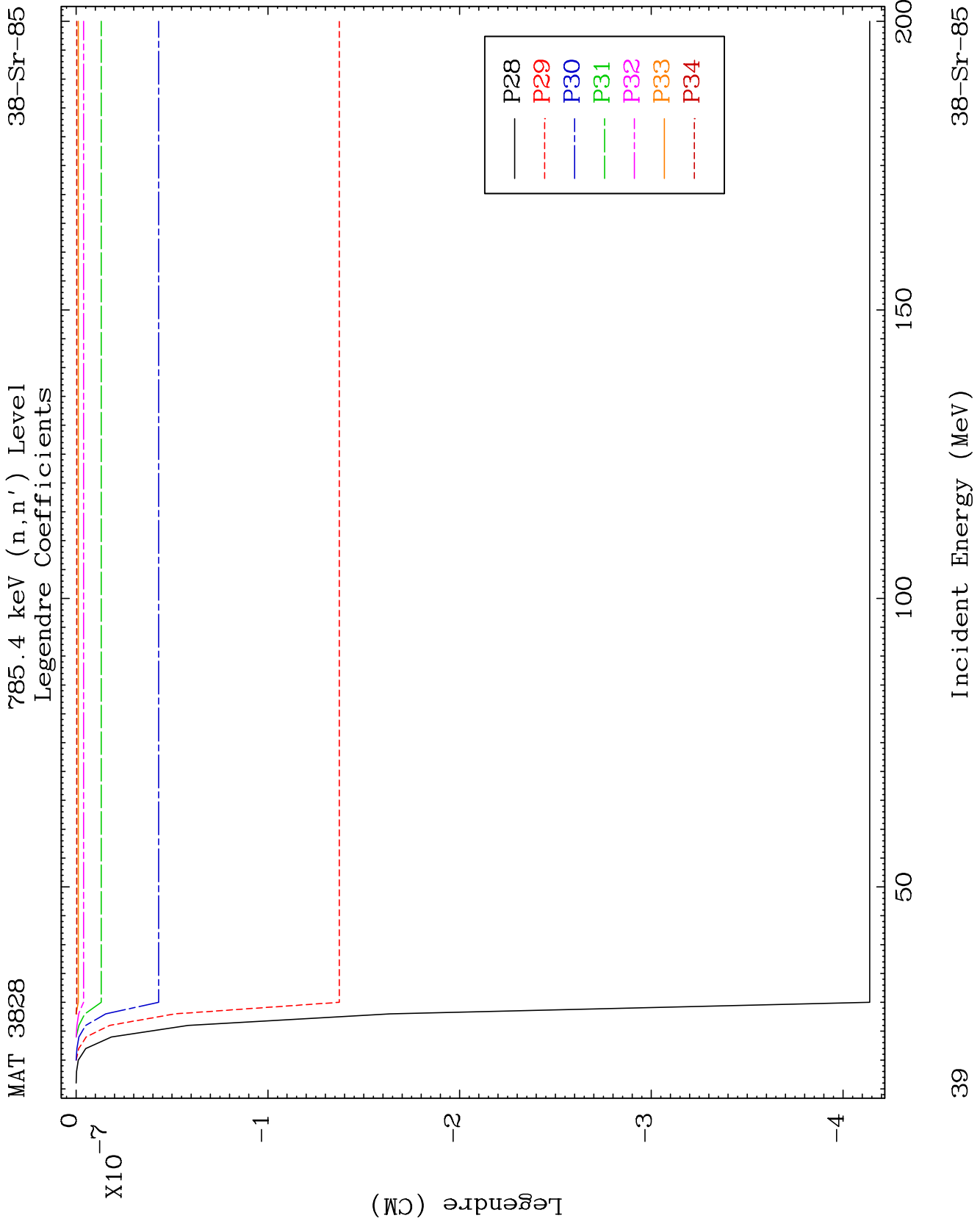


36

Incident Energy (MeV)

38-Sr-85

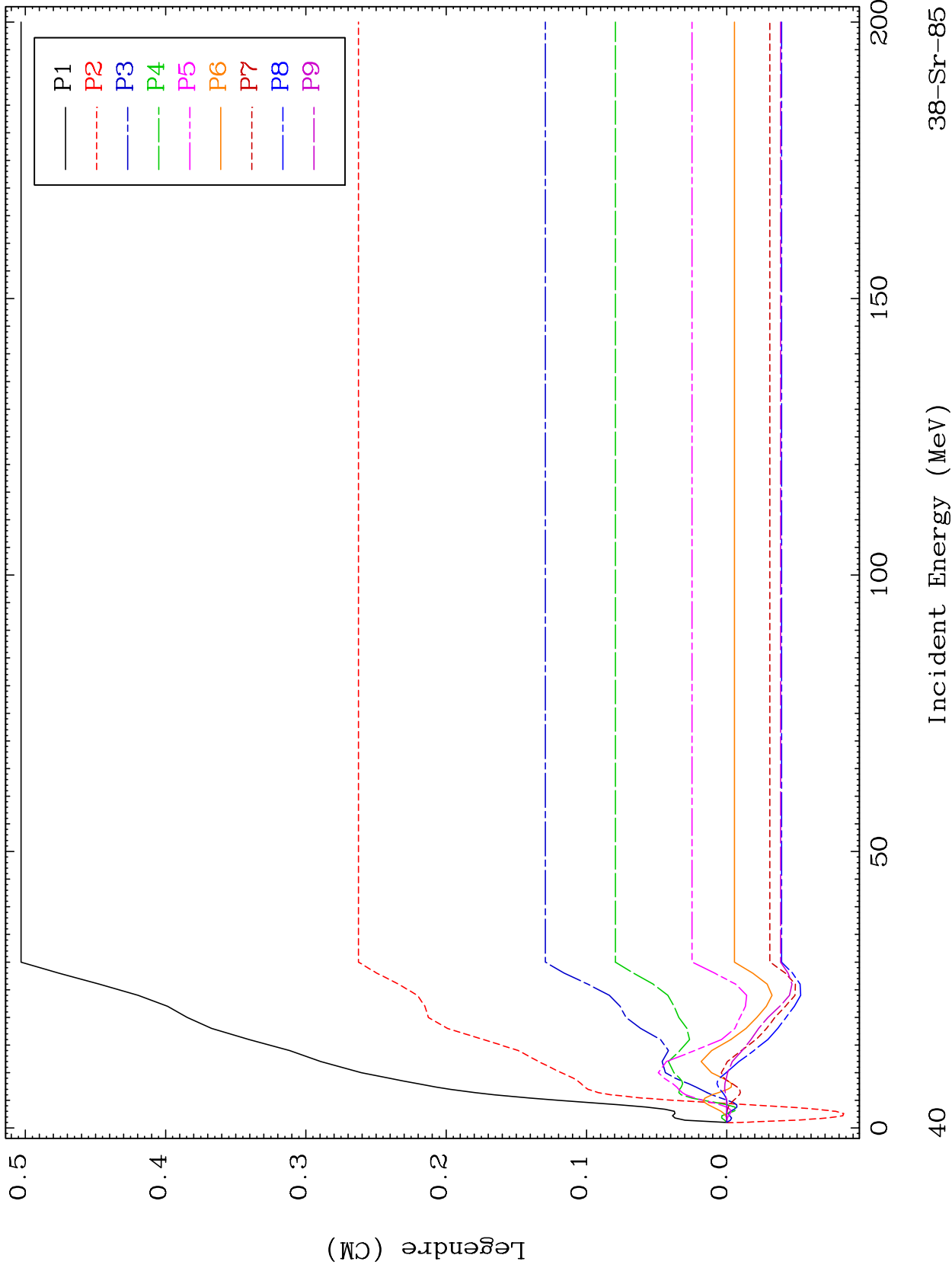




MAT 3828

936.7 keV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

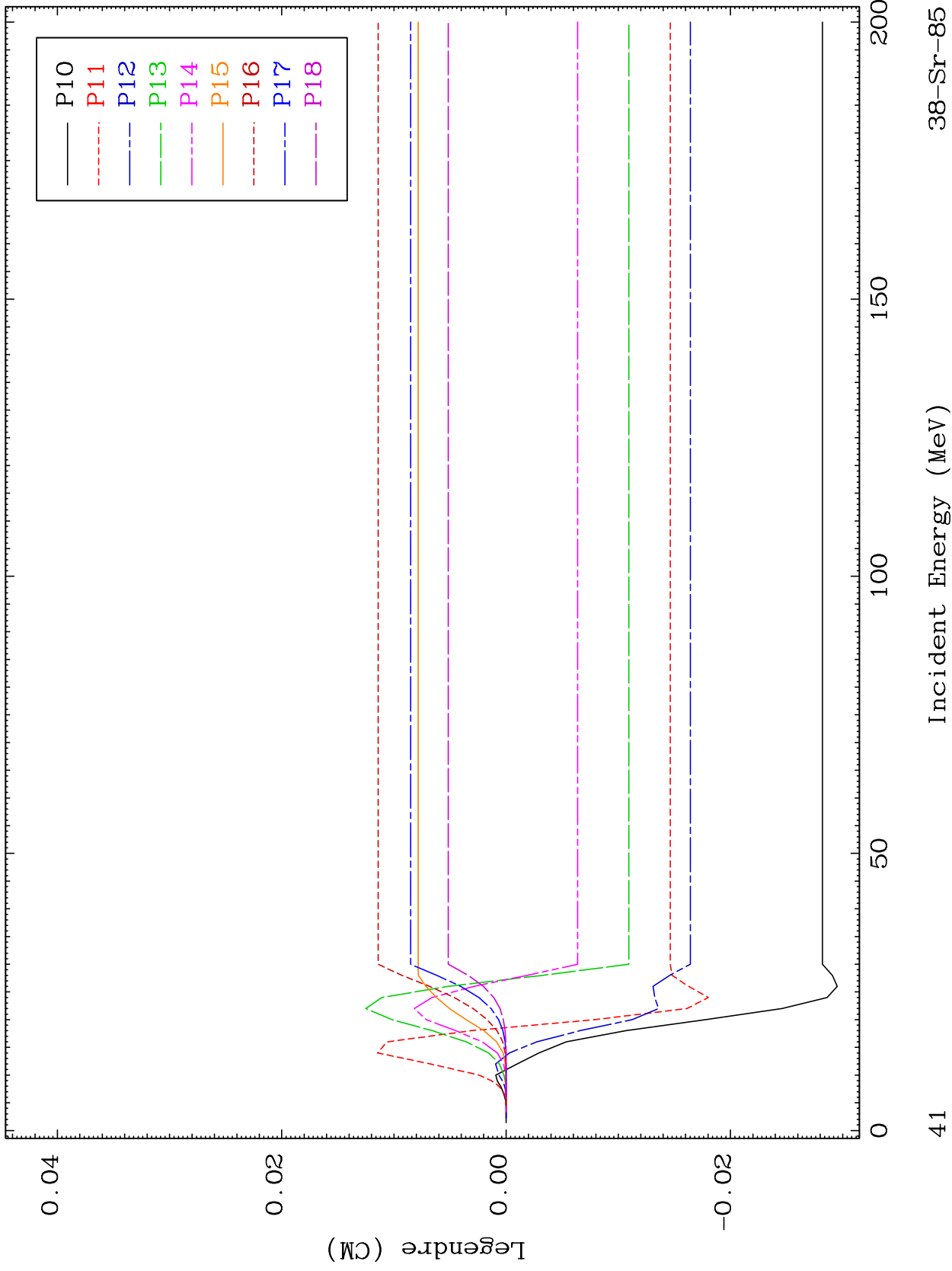
Incident Energy (MeV)

40

MAT 3828

936.7 keV (n,n') Level
Legendre Coefficients

38-Sr-85



41

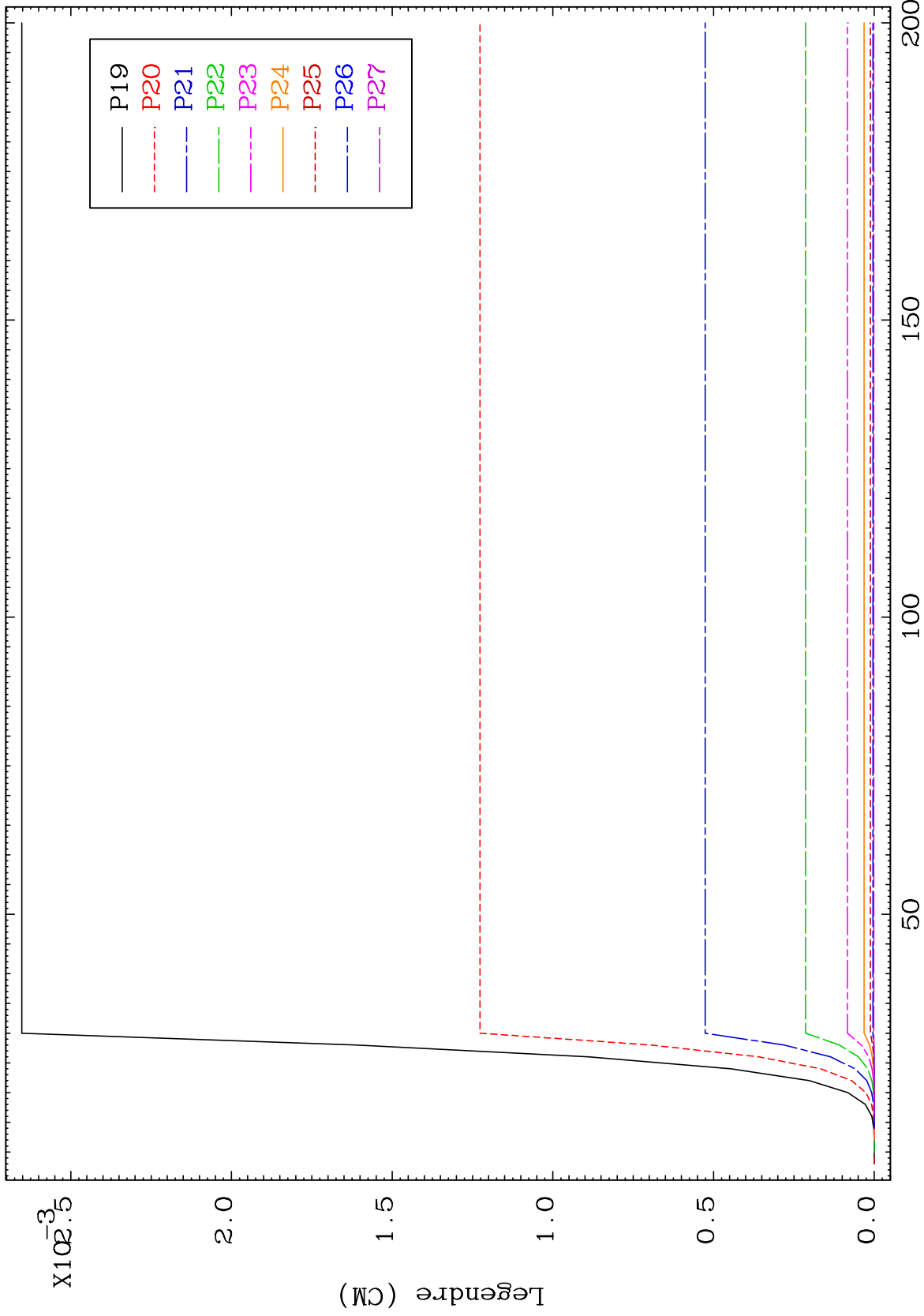
Incident Energy (MeV)

38-Sr-85

MAT 3828

936.7 keV (n,n') Level
Legendre Coefficients

38-Sr-85



42

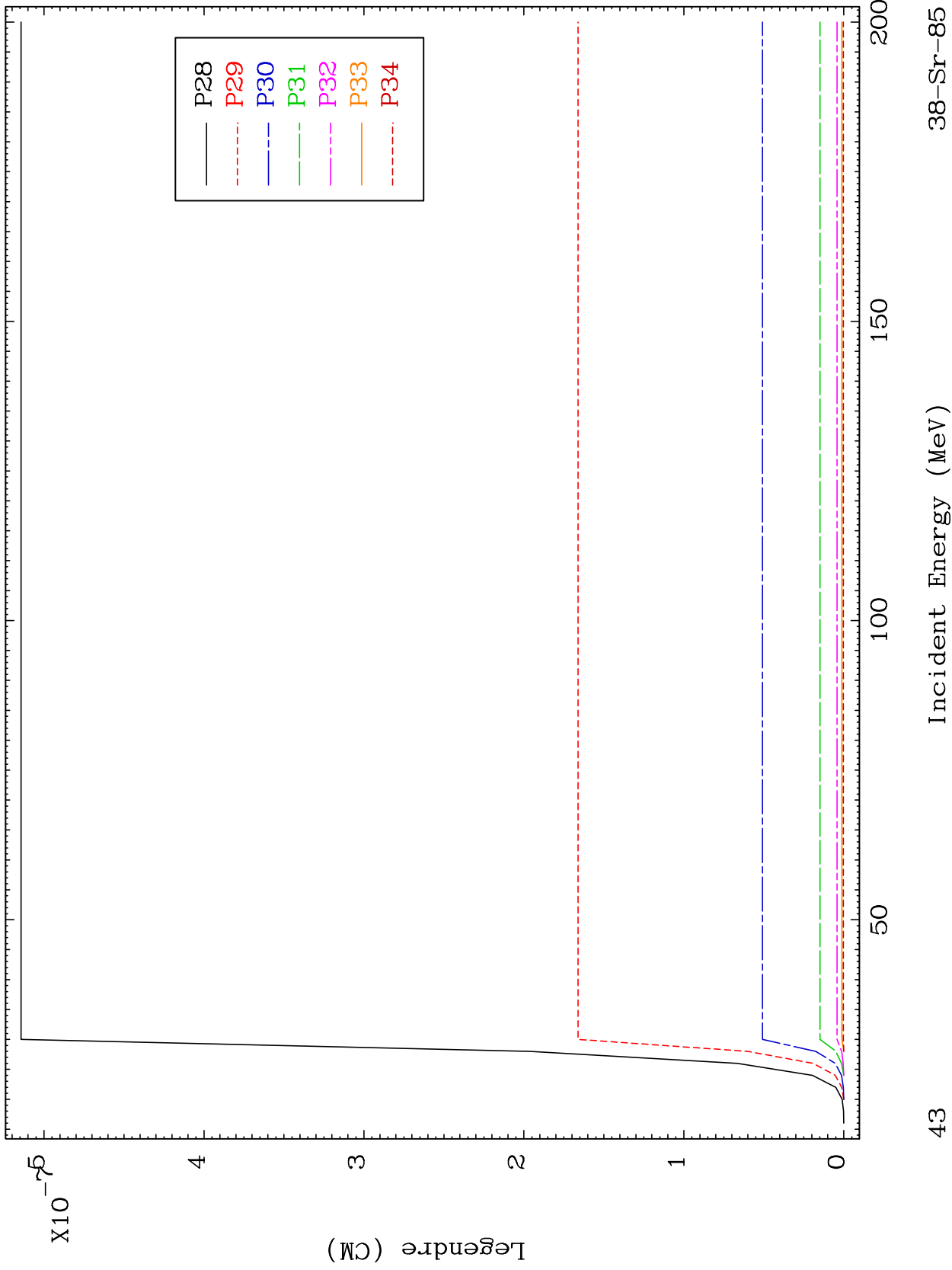
Incident Energy (MeV)

38-Sr-85

MAT 3828

936.7 keV (n,n') Level
Legendre Coefficients

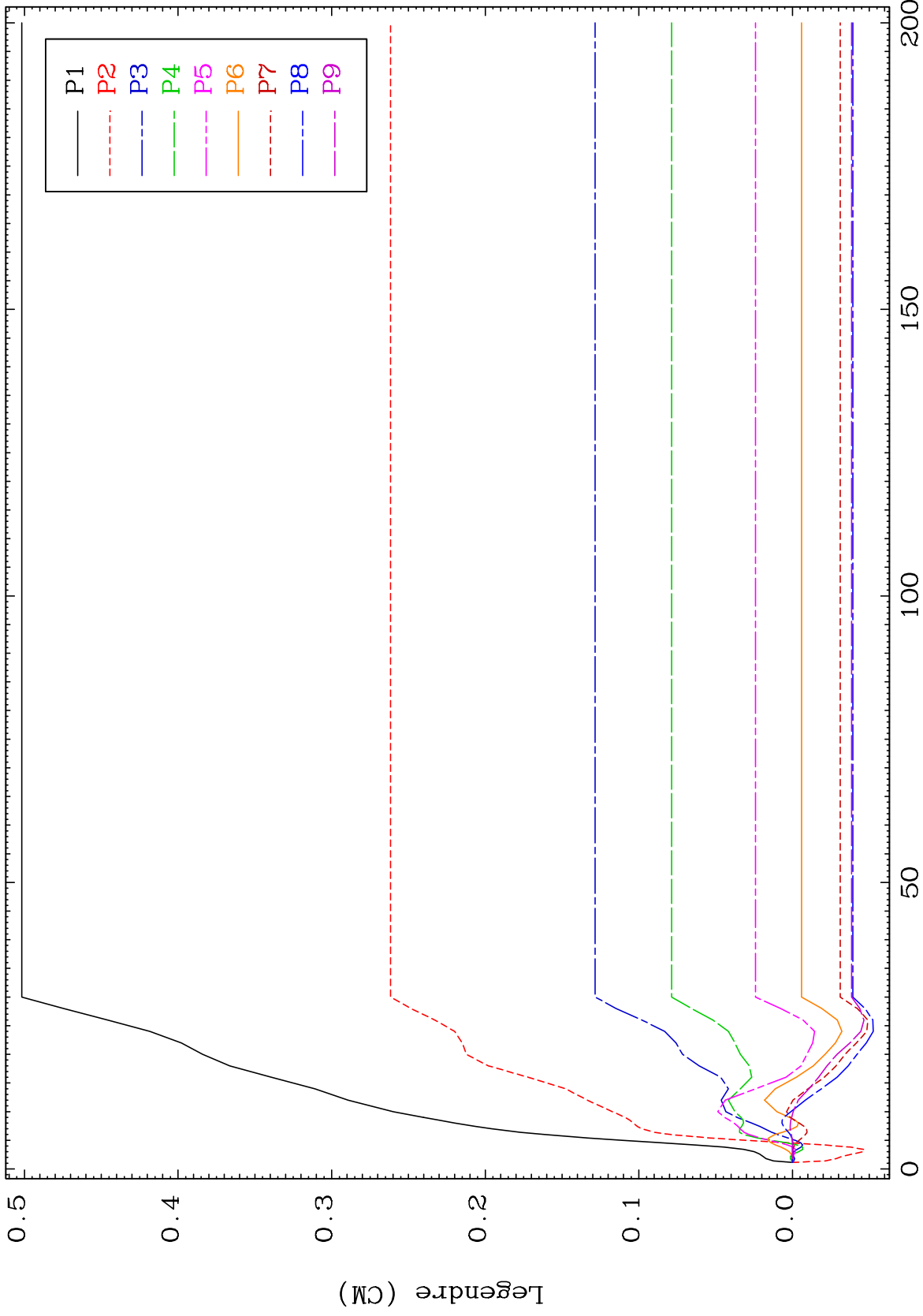
38-Sr-85



MAT 3828

1.111 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



44

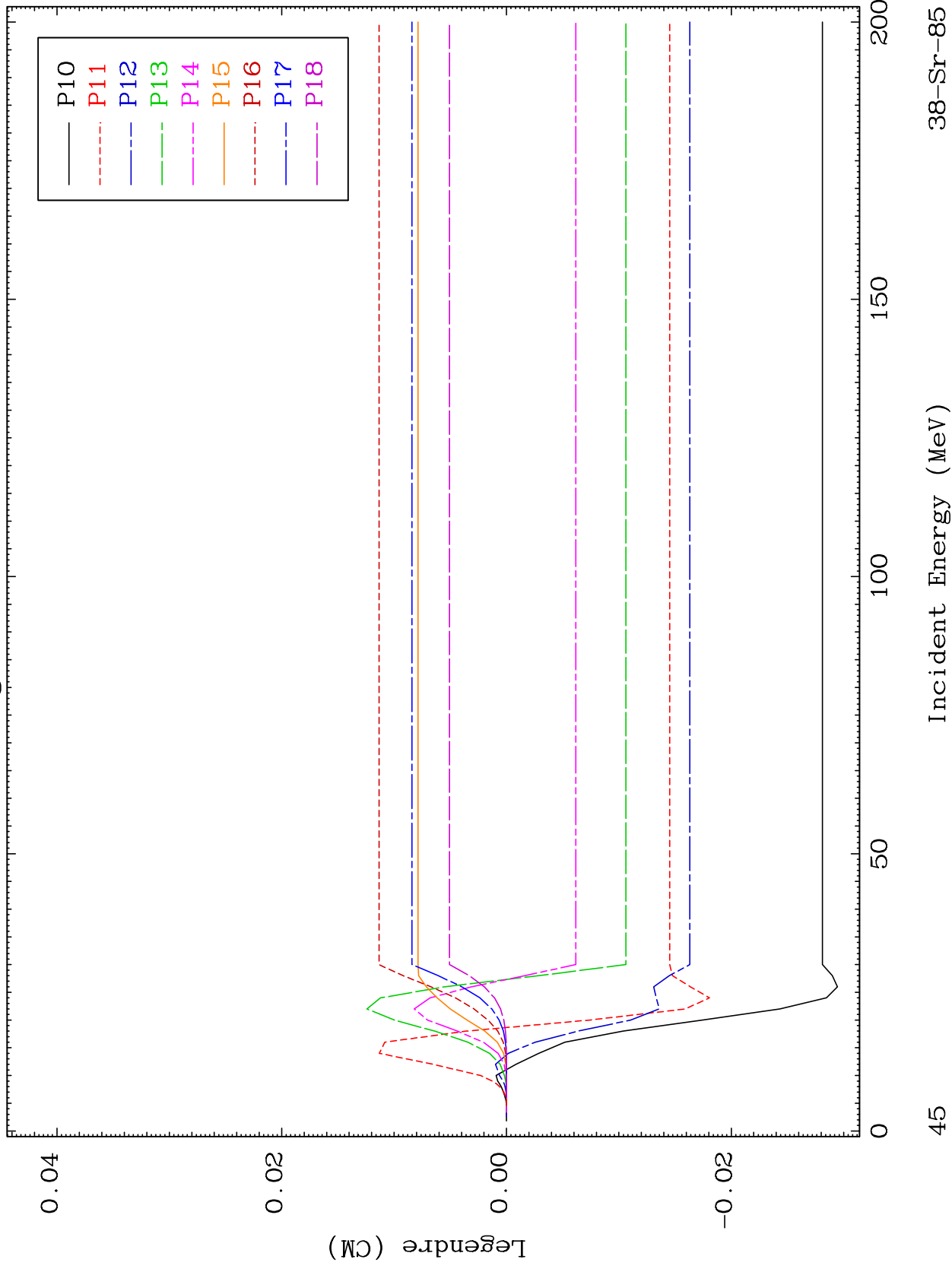
Incident Energy (MeV)

38-Sr-85

MAT 3828

1.111 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

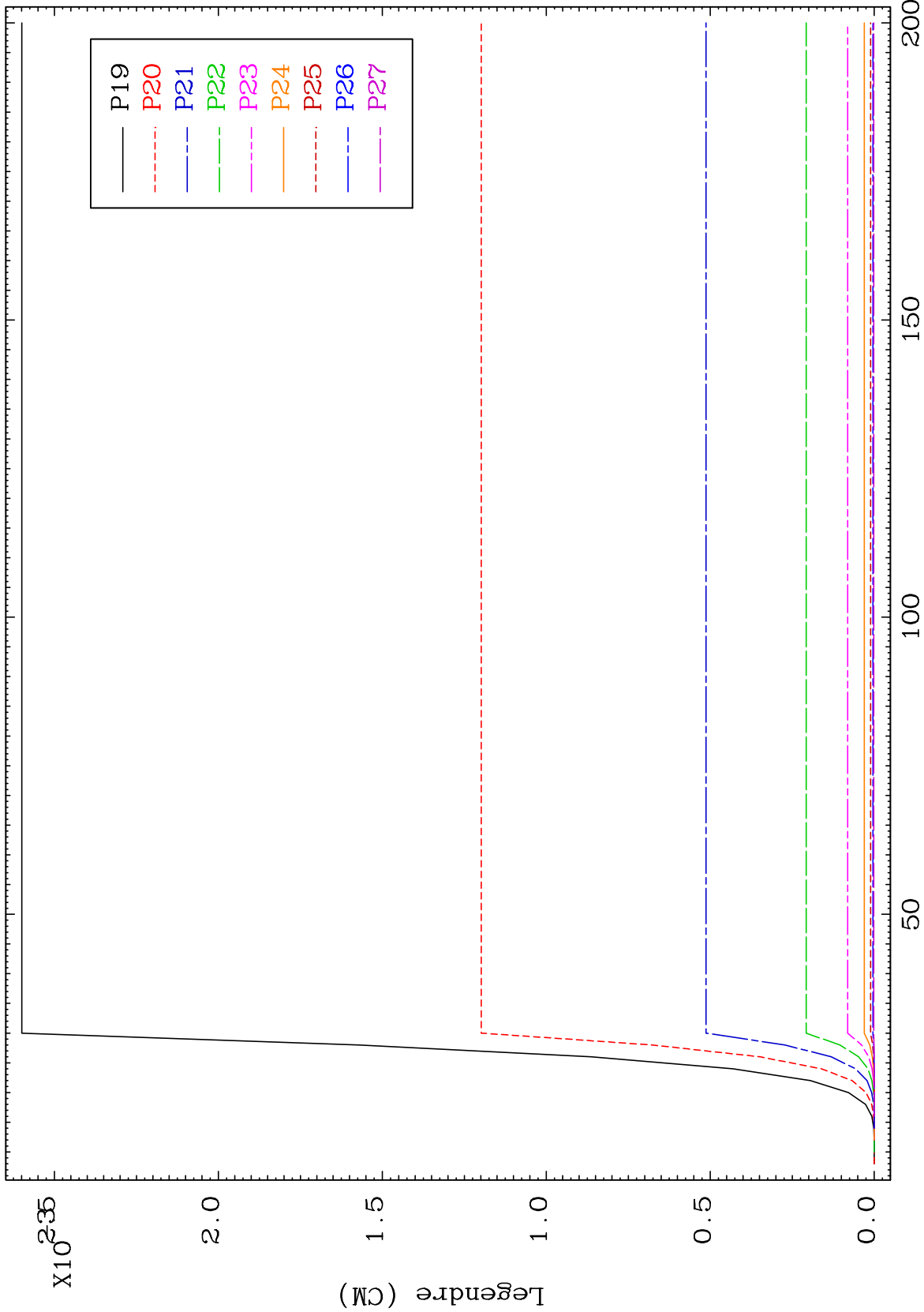
Incident Energy (MeV)

45

MAT 3828

1.111 MeV (n,n') Level
Legendre Coefficients

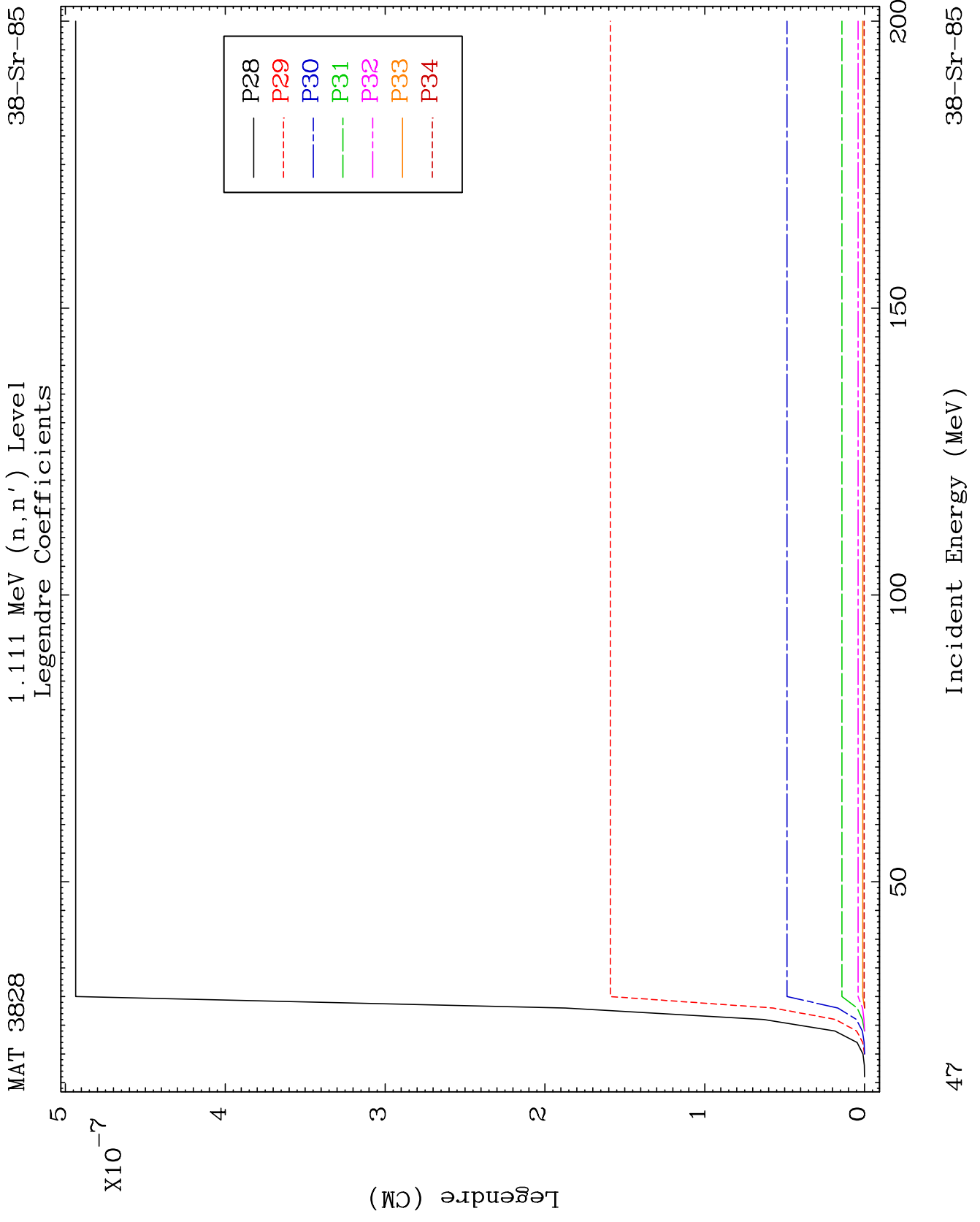
38-Sr-85



46

Incident Energy (MeV)

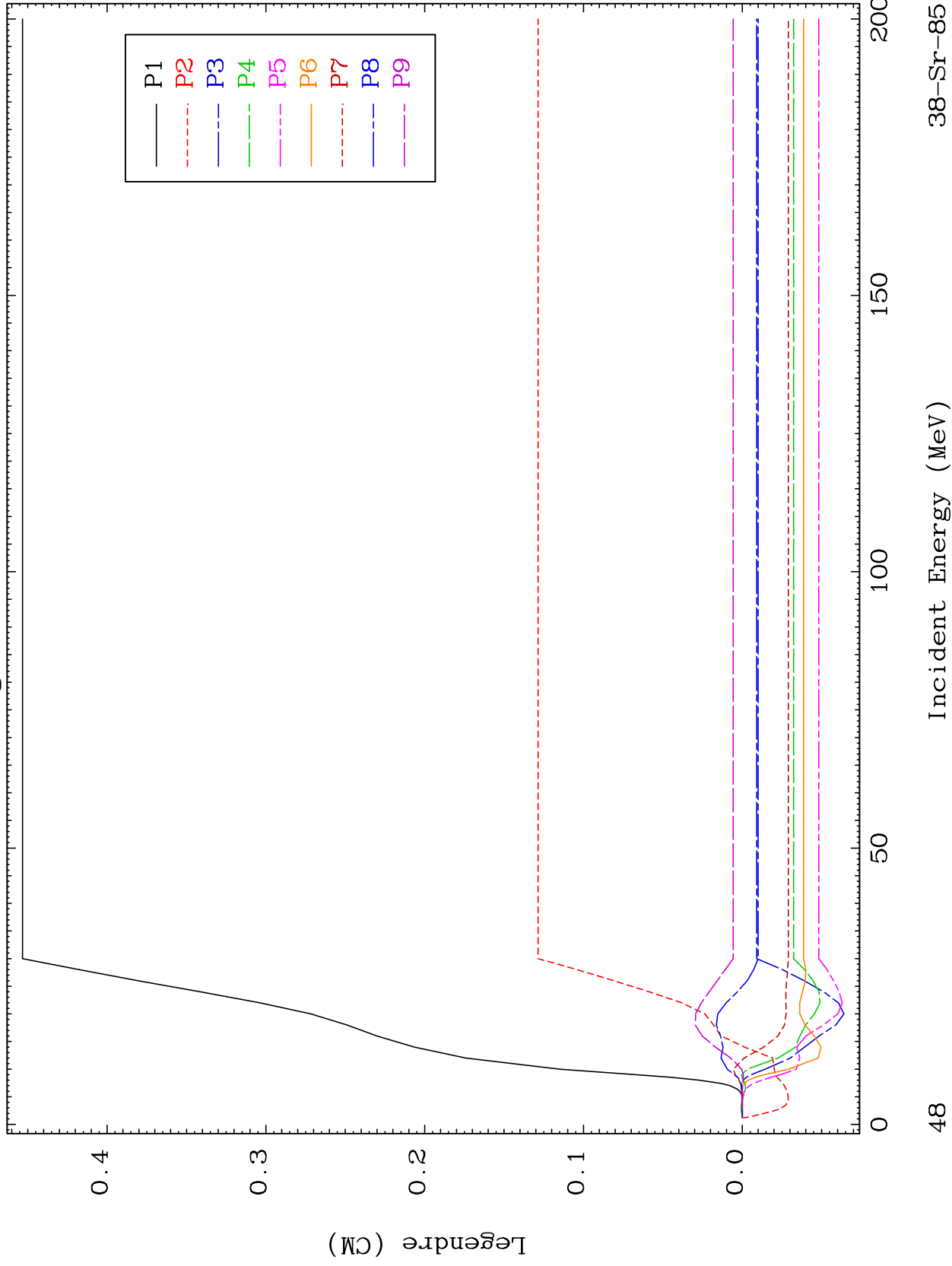
38-Sr-85



MAT 3828

1.153 MeV (n,n') Level
Legendre Coefficients

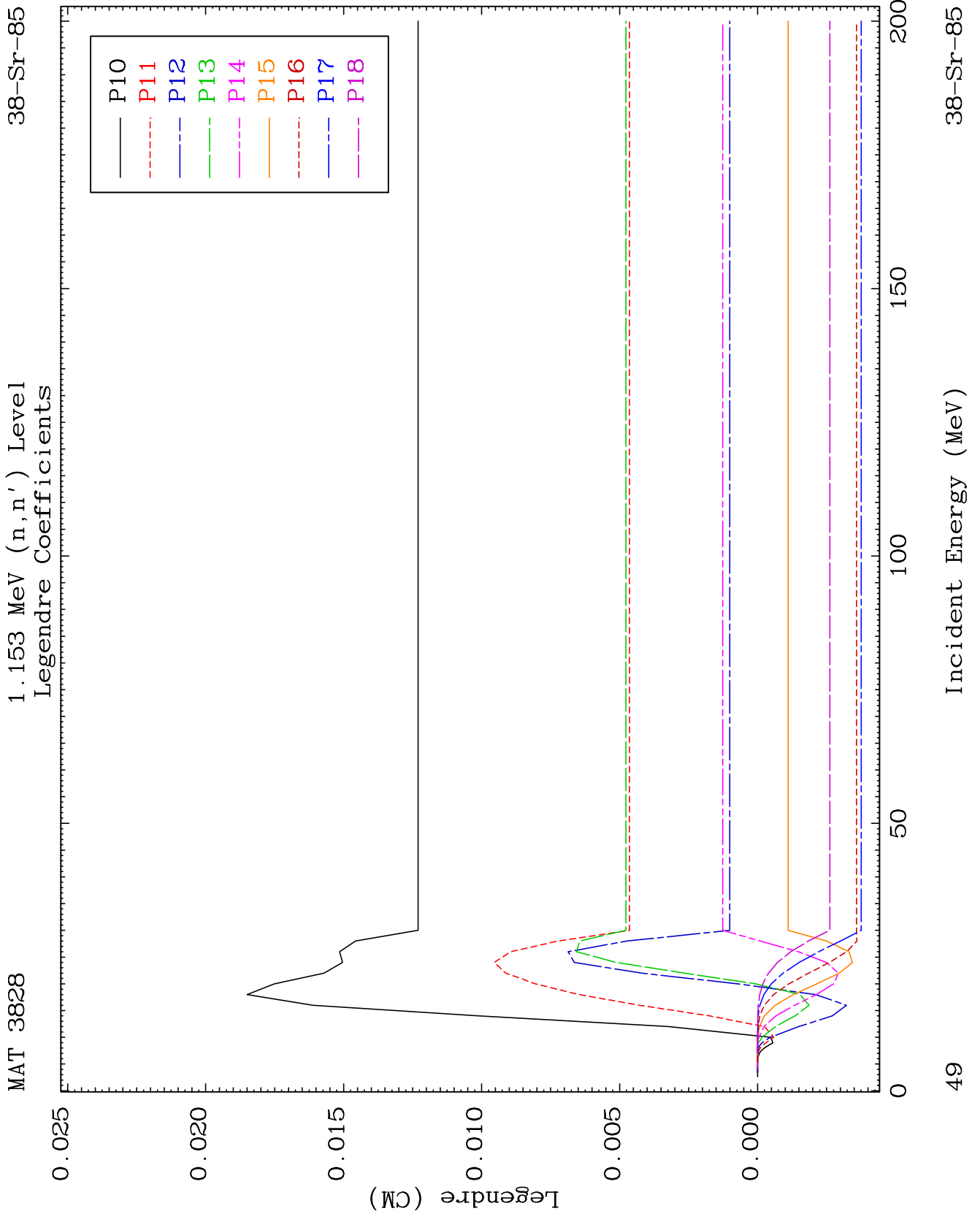
38-Sr-85

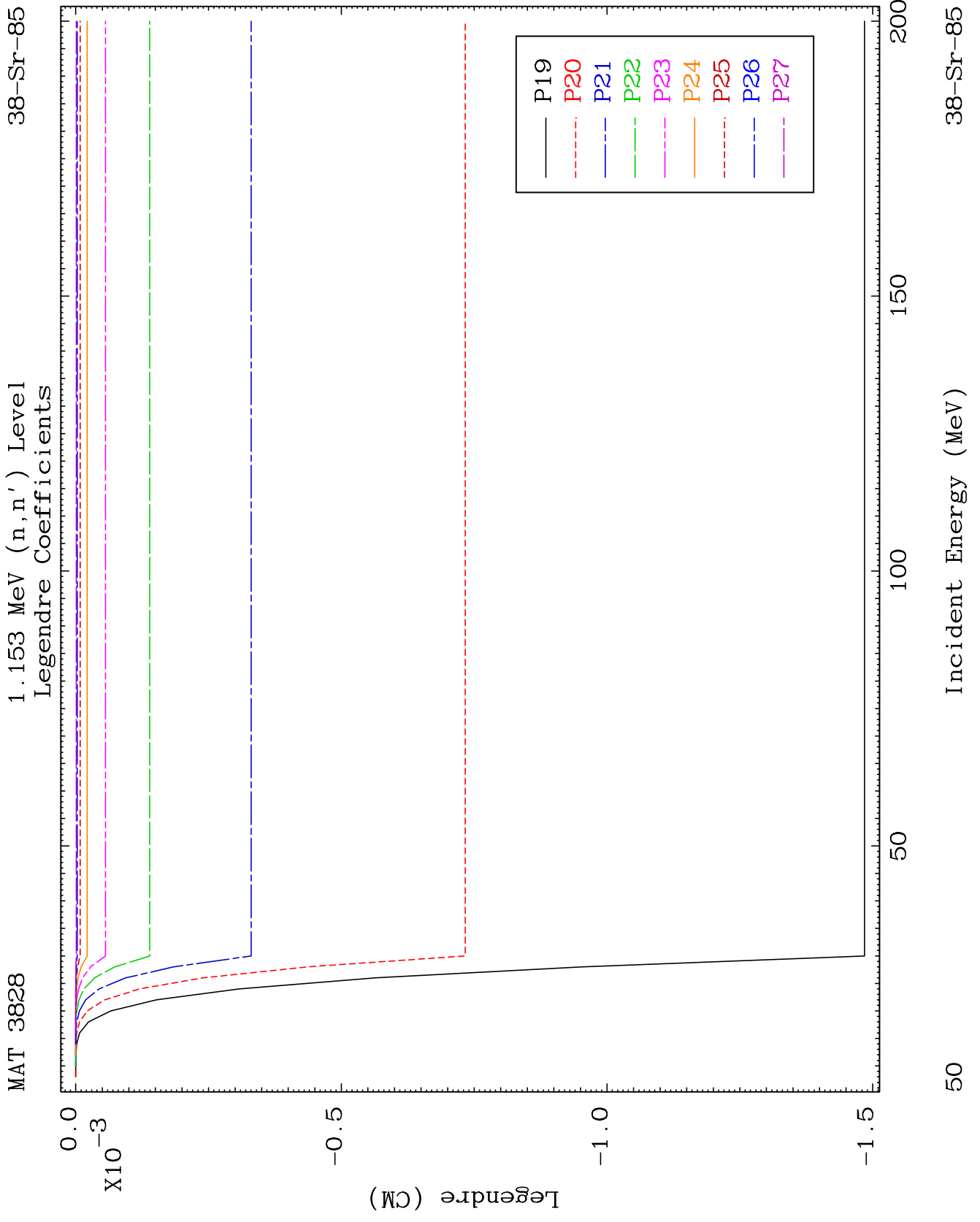


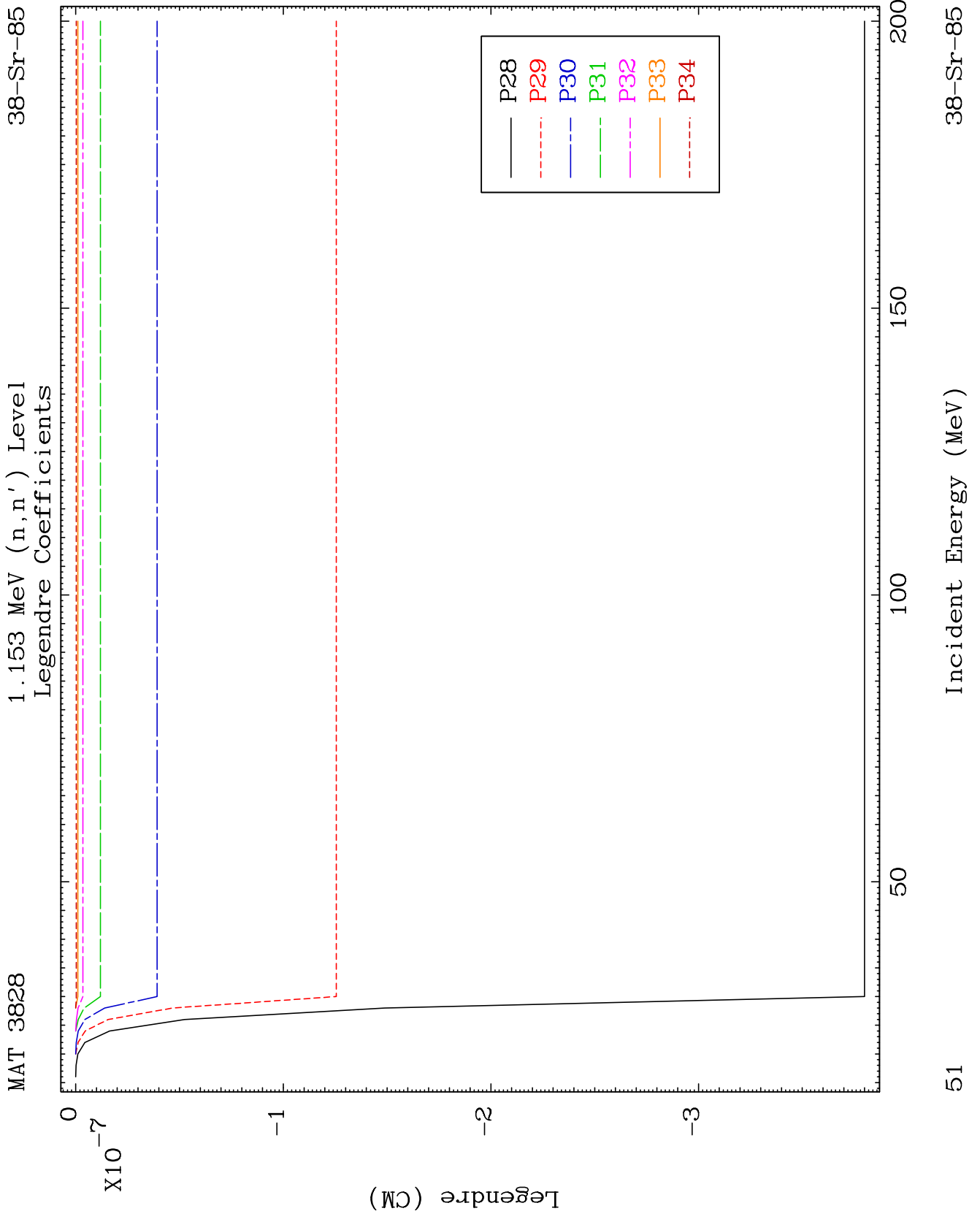
38-Sr-85

Incident Energy (MeV)

48



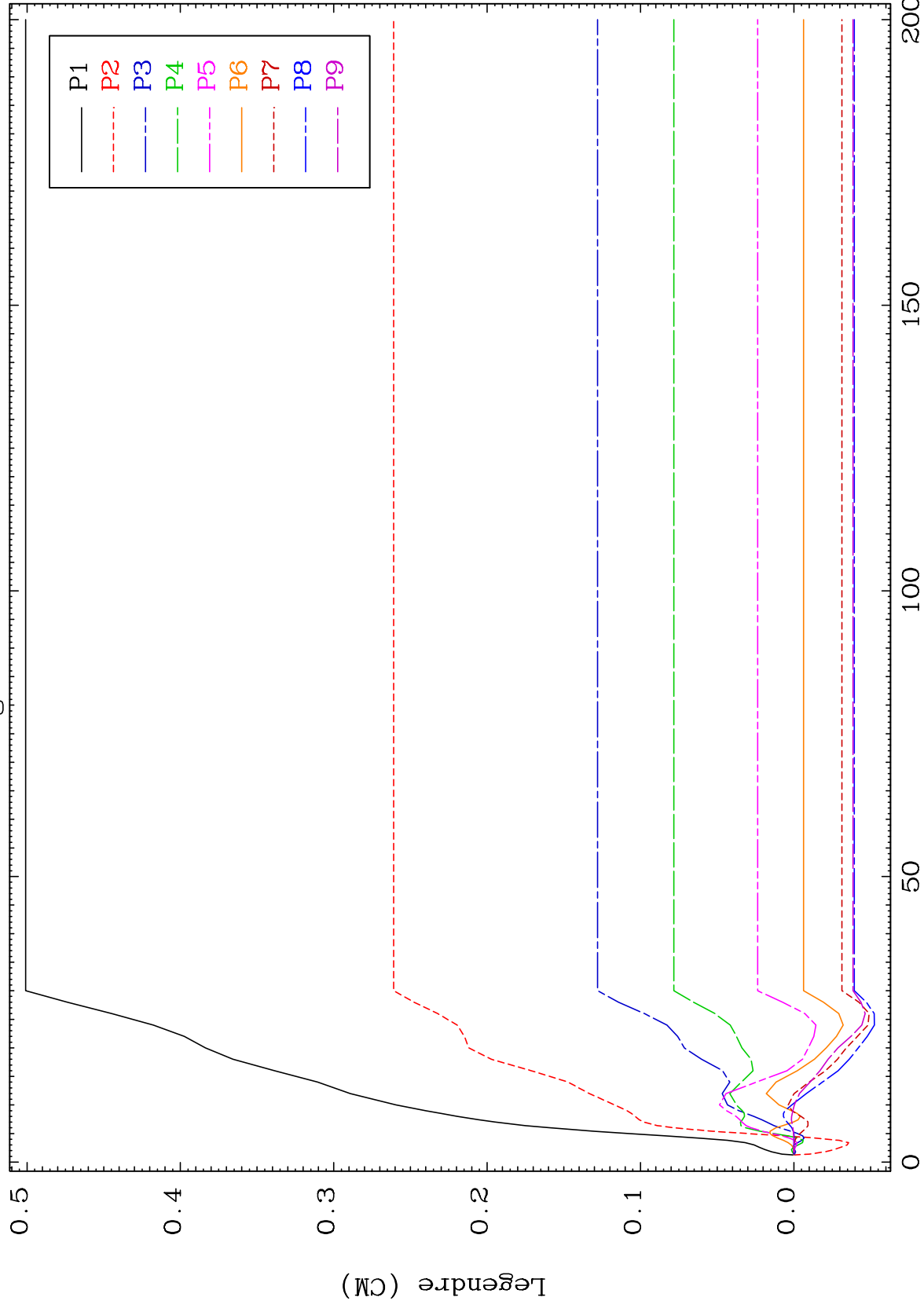




MAT 3828

1.221 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

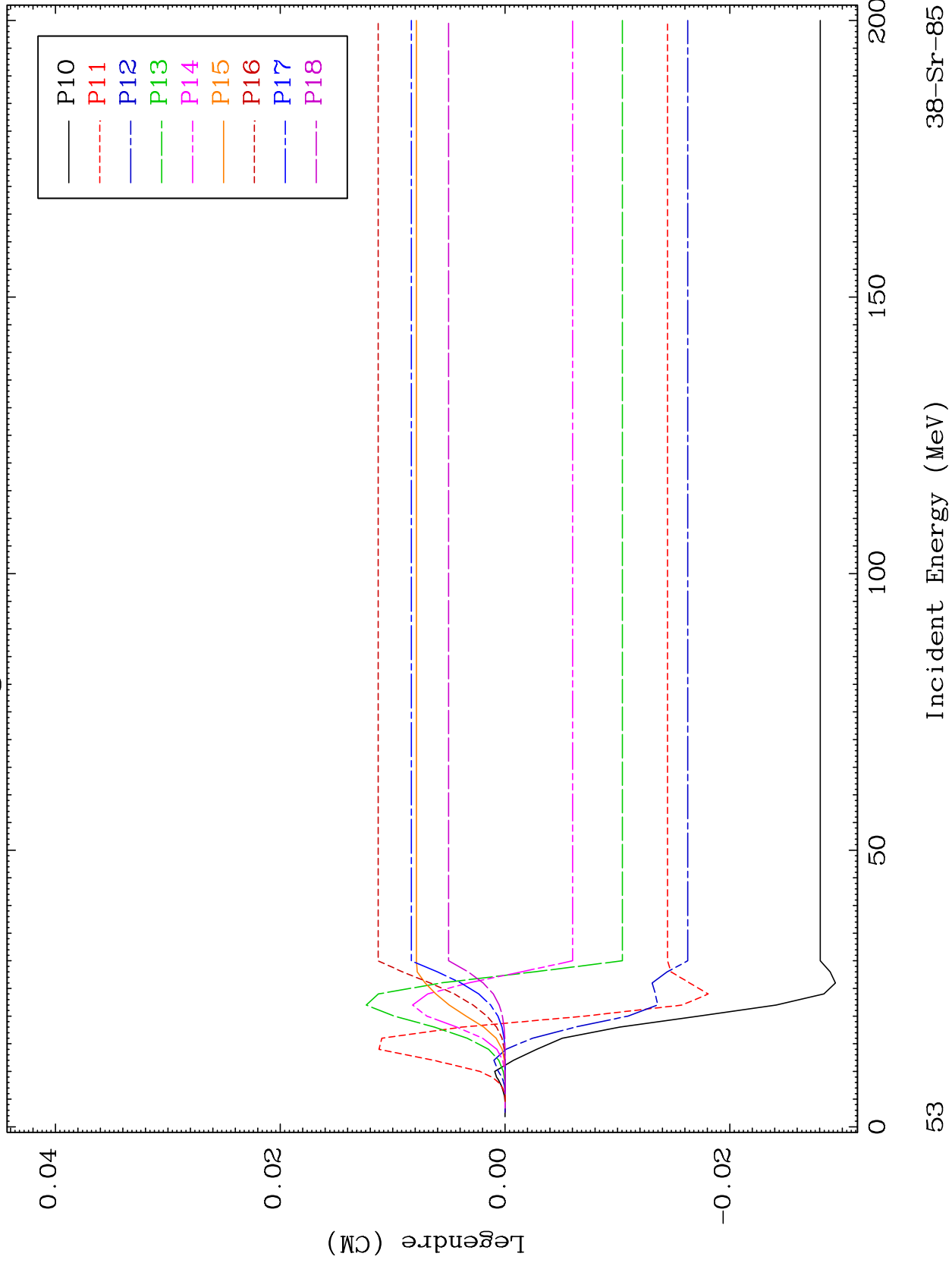
Incident Energy (MeV)

52

MAT 3828

1.221 MeV (n,n') Level
Legendre Coefficients

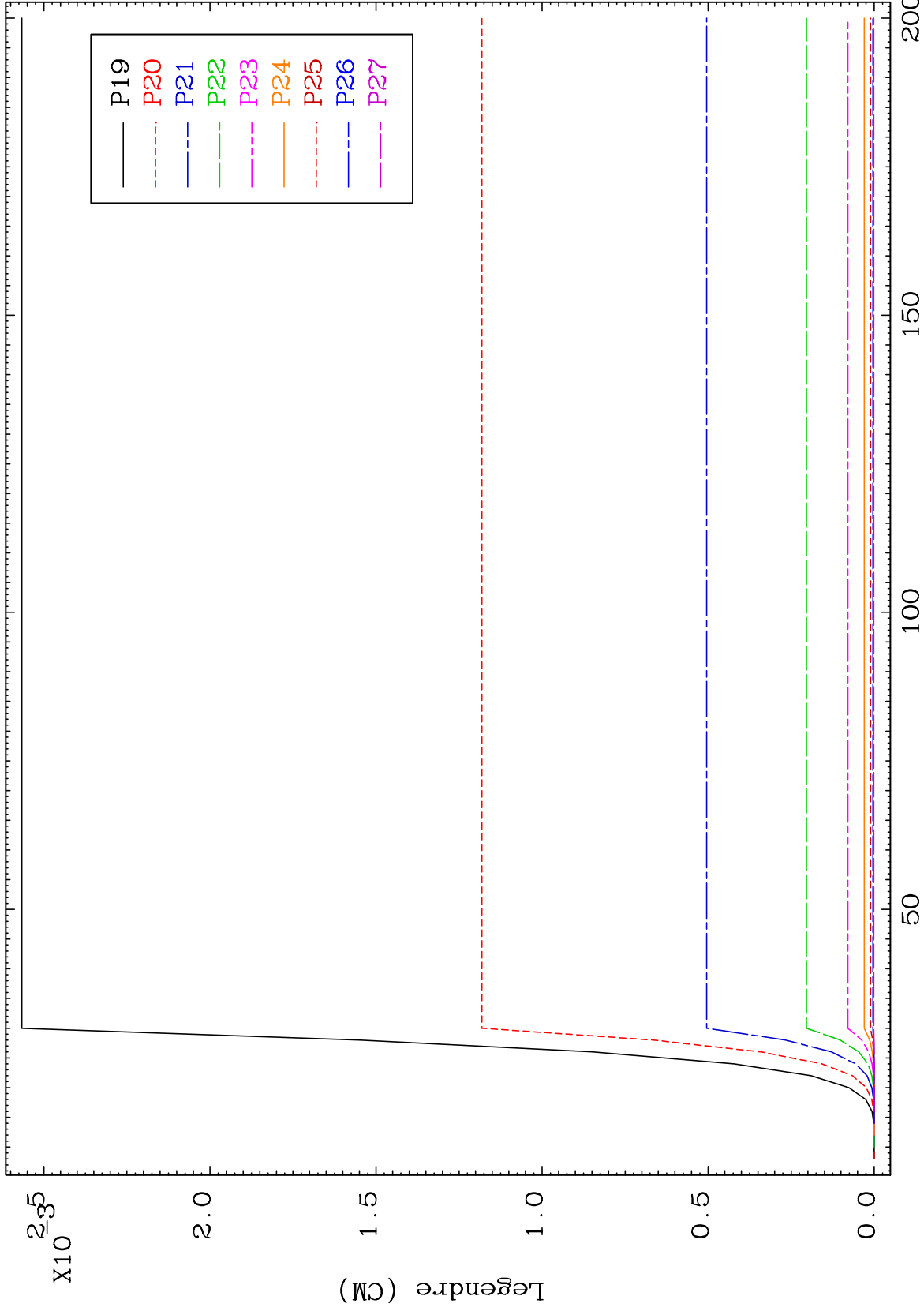
38-Sr-85



38-Sr-85

Incident Energy (MeV)

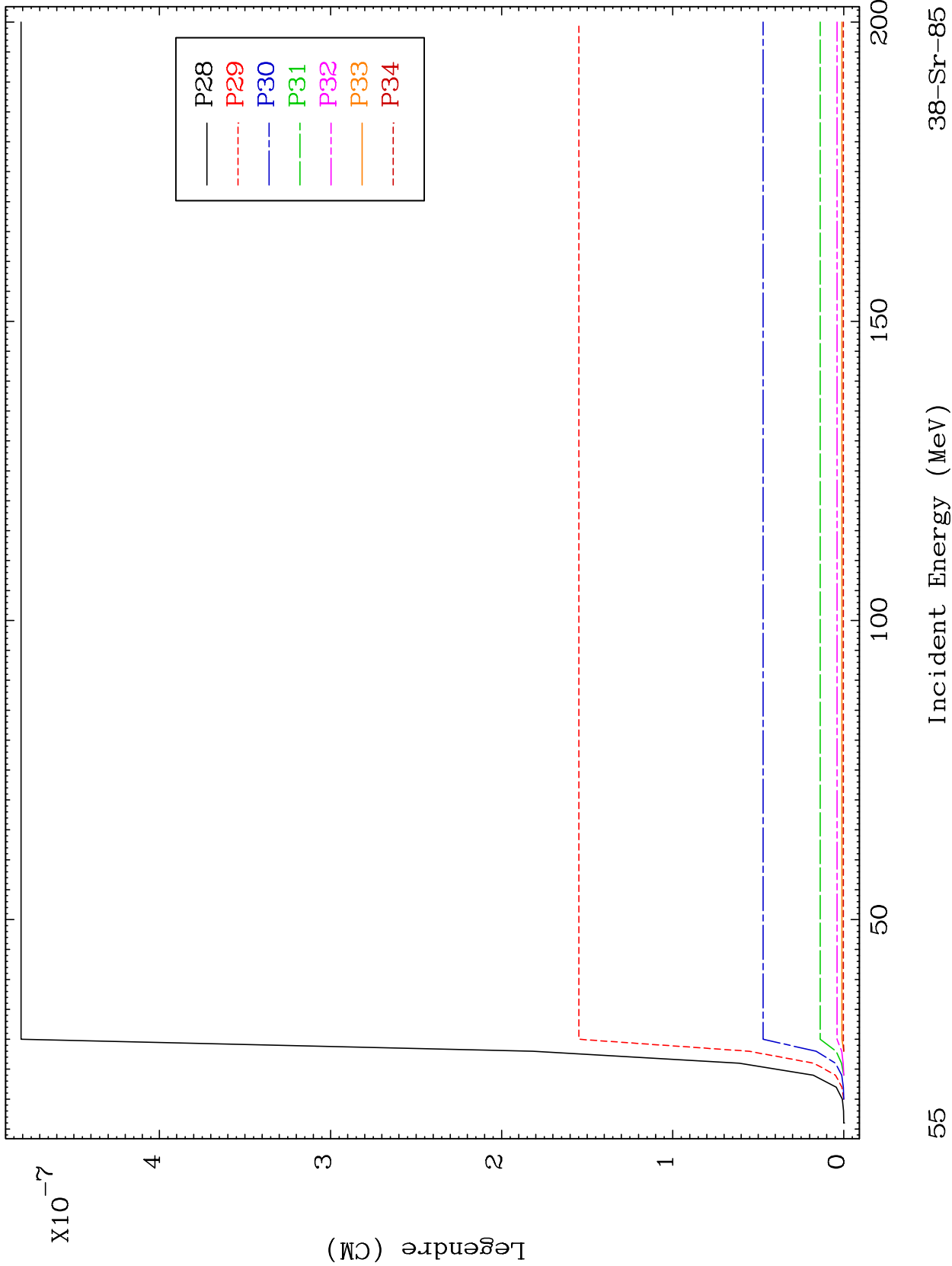
53



MAT 3828

1.221 MeV (n,n') Level
Legendre Coefficients

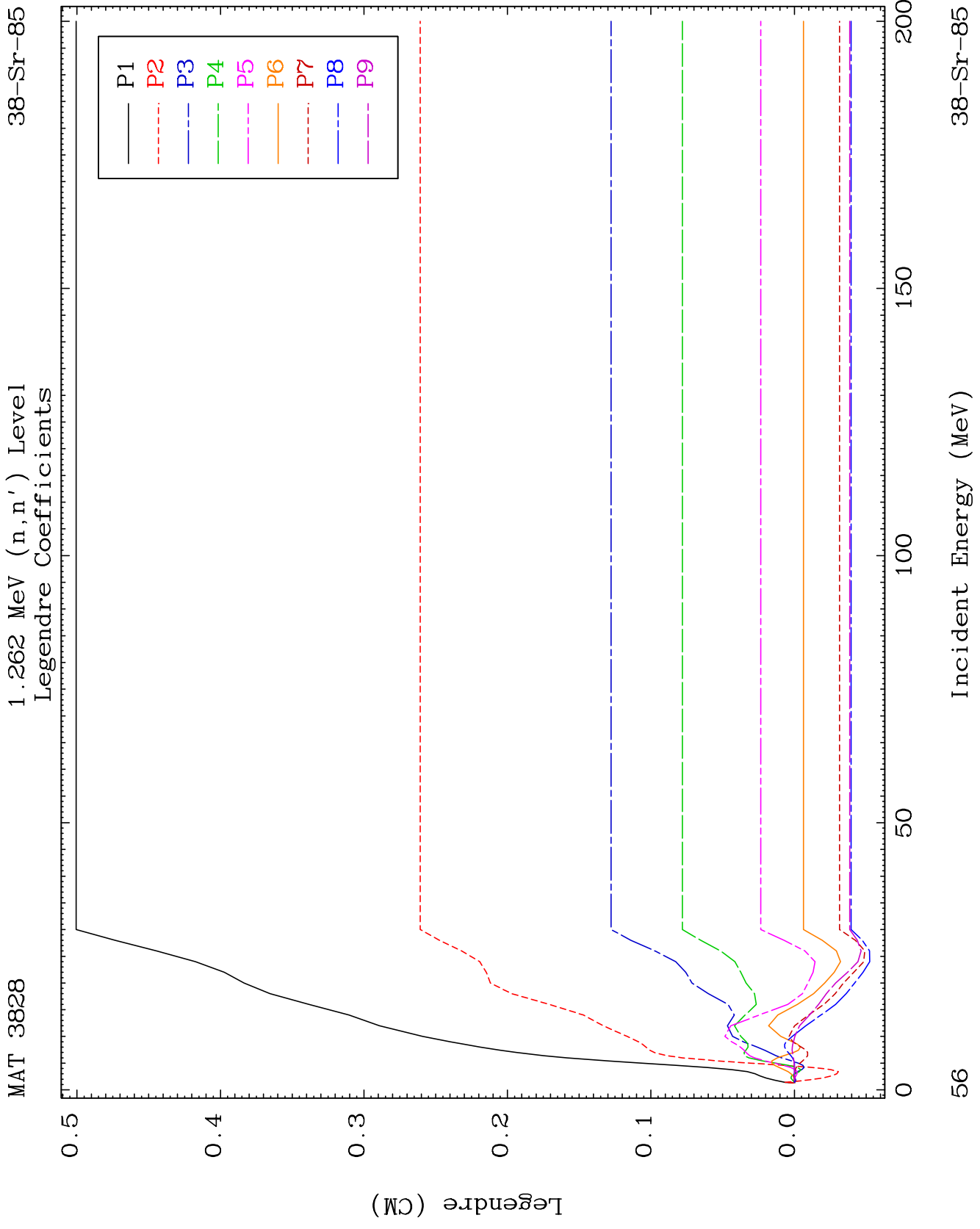
38-Sr-85



55

Incident Energy (MeV)

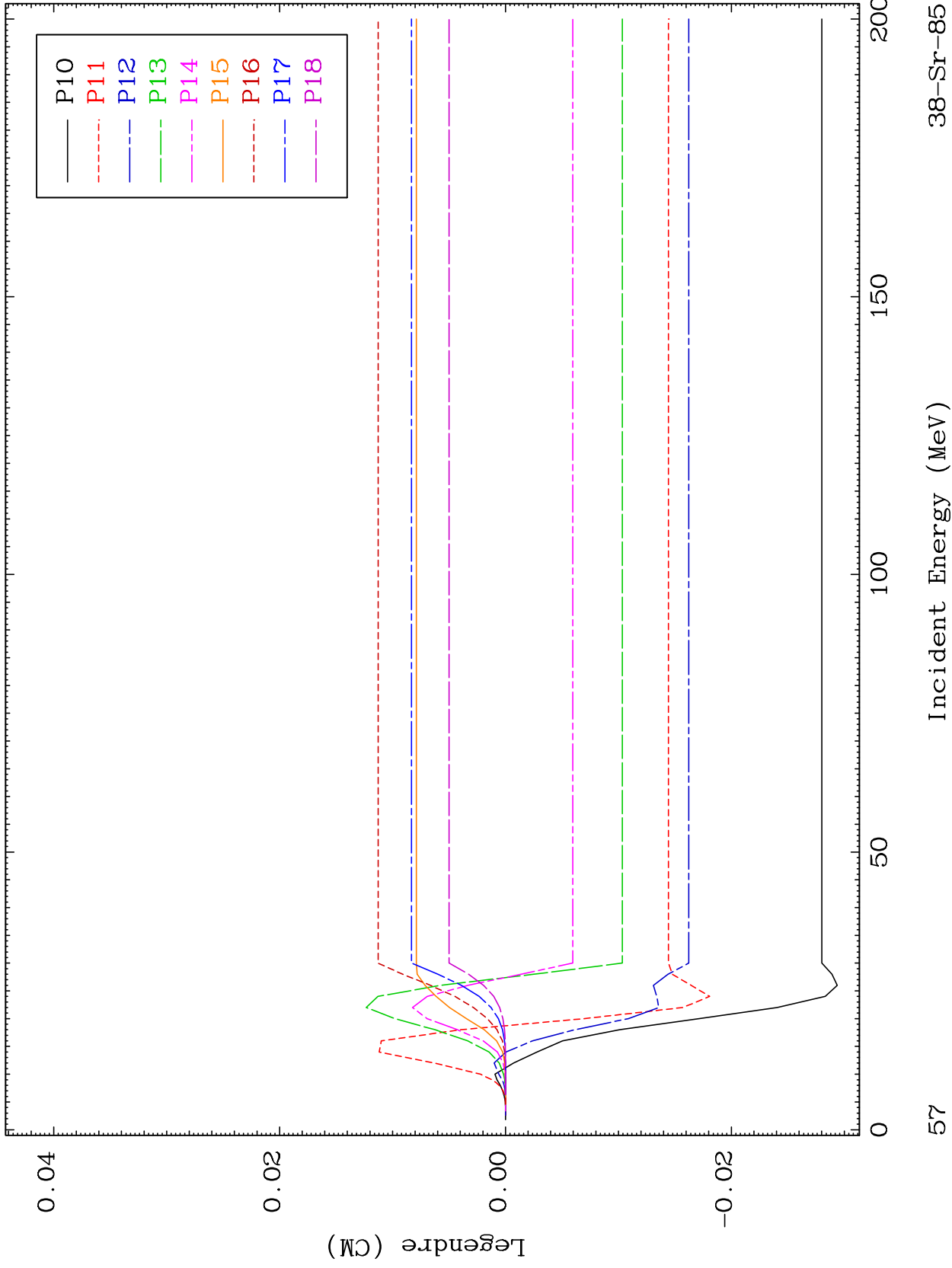
38-Sr-85



MAT 3828

1.262 MeV (n,n') Level
Legendre Coefficients

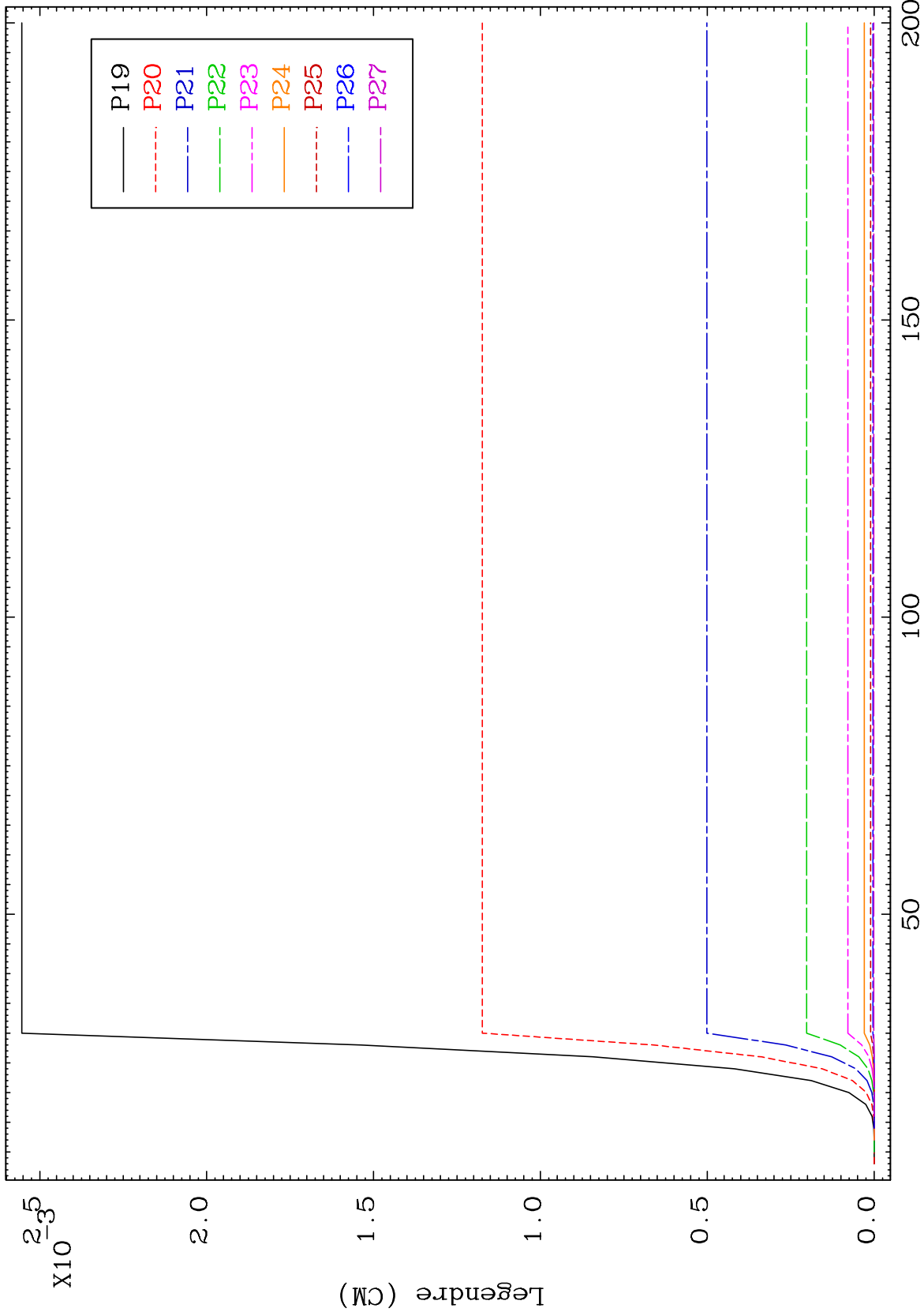
38-Sr-85



57

Incident Energy (MeV)

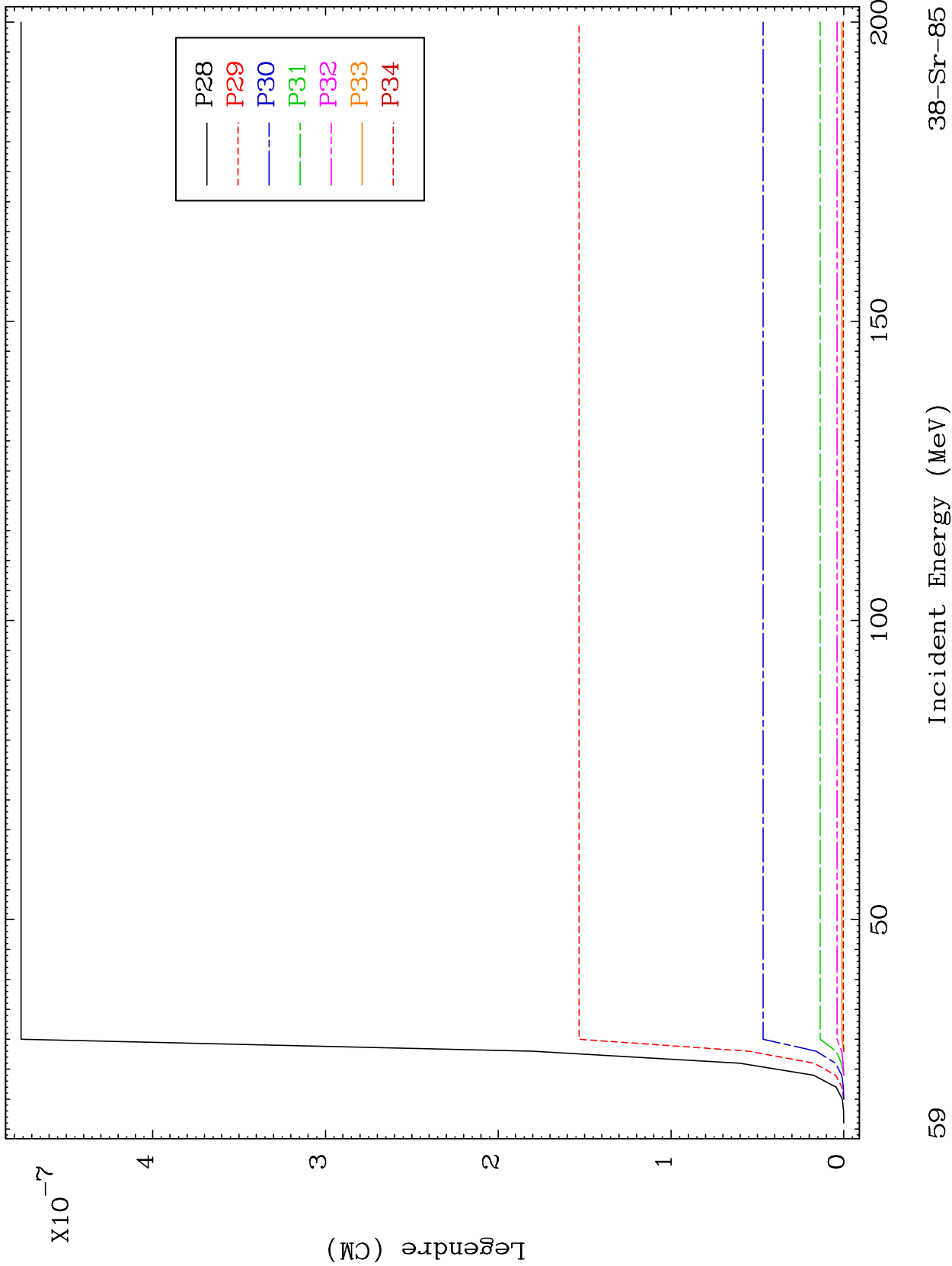
38-Sr-85



MAT 3828

1.262 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



59

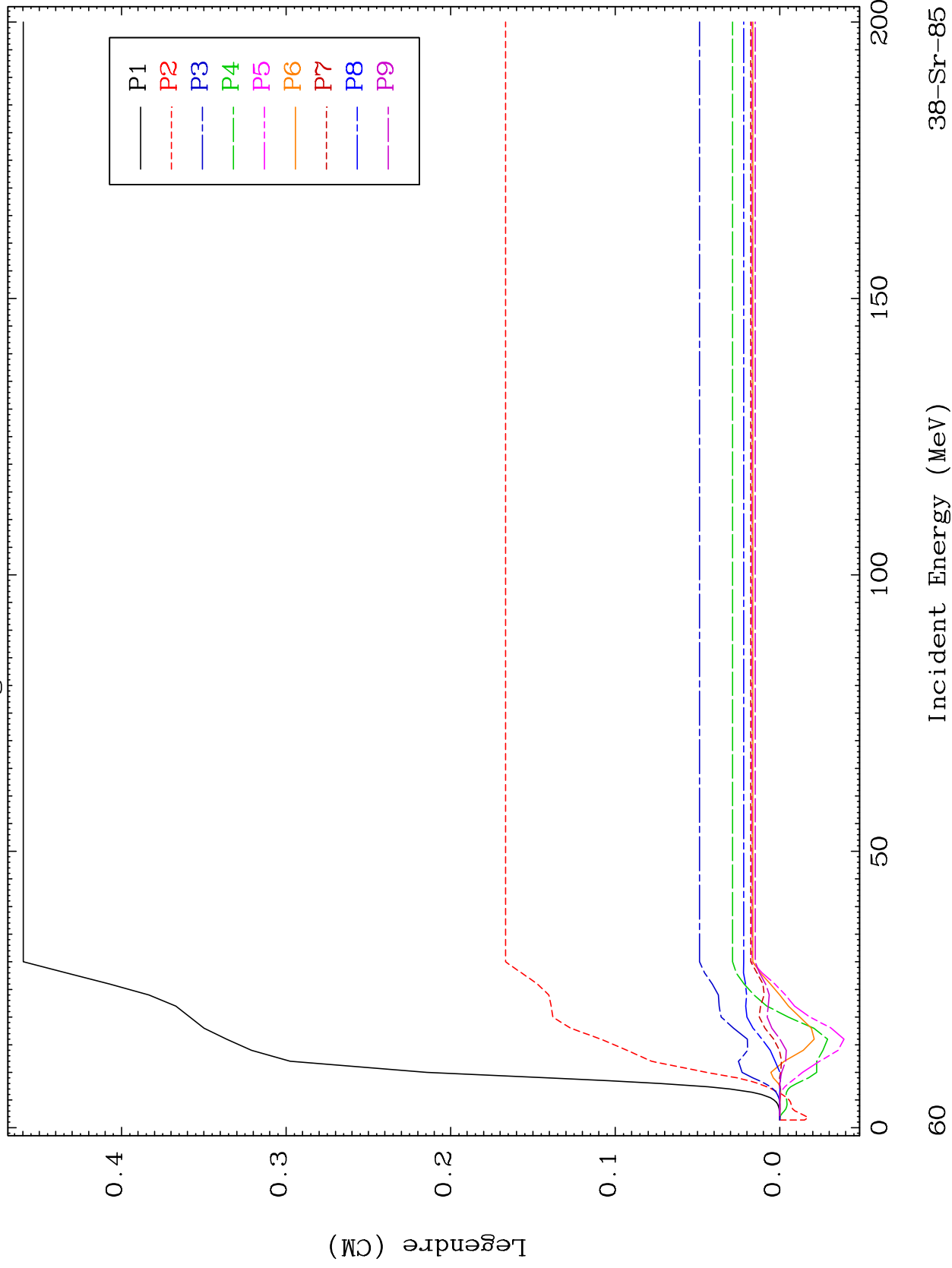
Incident Energy (MeV)

38-Sr-85

MAT 3828

1.355 MeV (n,n') Level
Legendre Coefficients

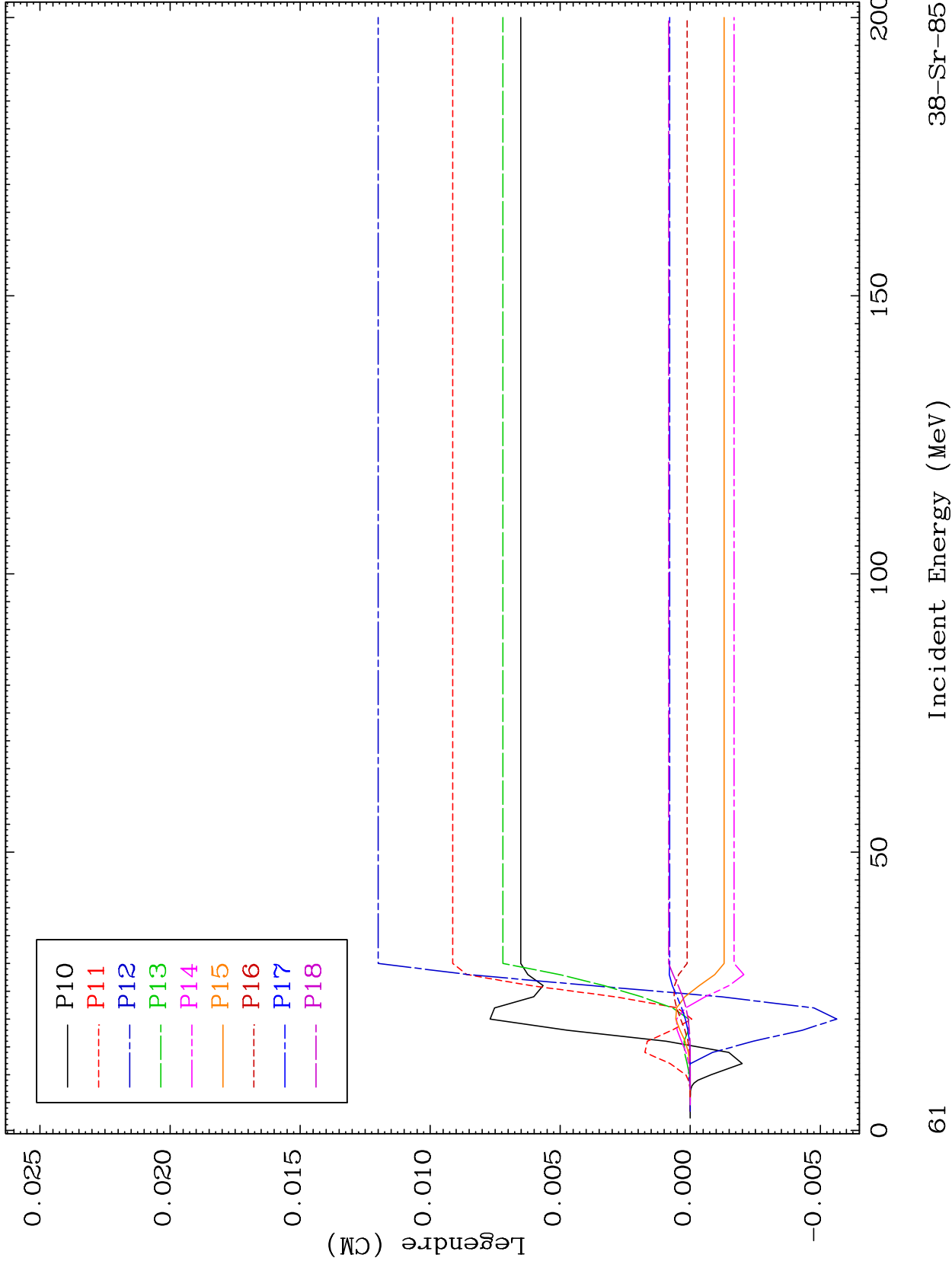
38-Sr-85



38-Sr-85

Incident Energy (MeV)

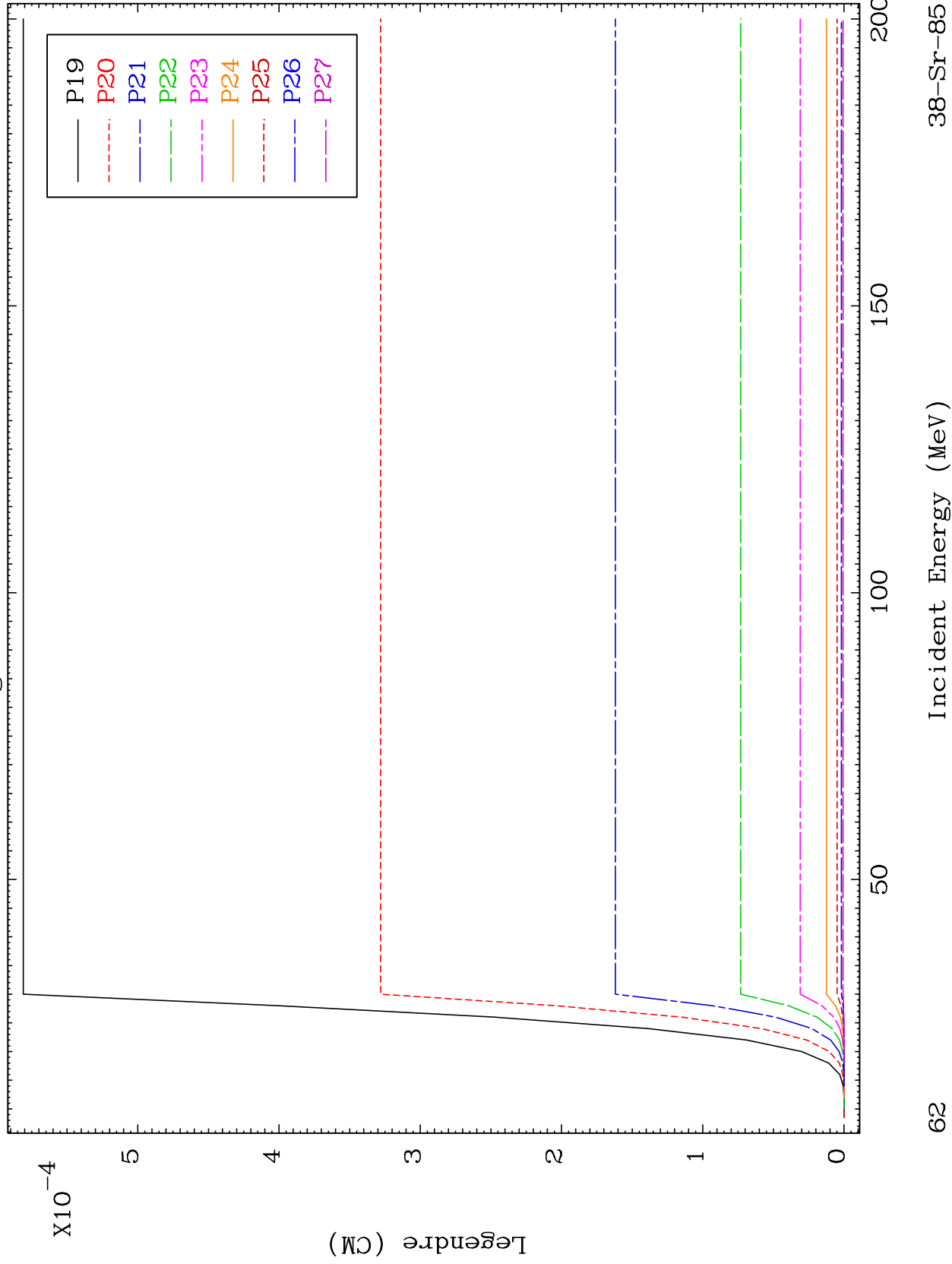
60



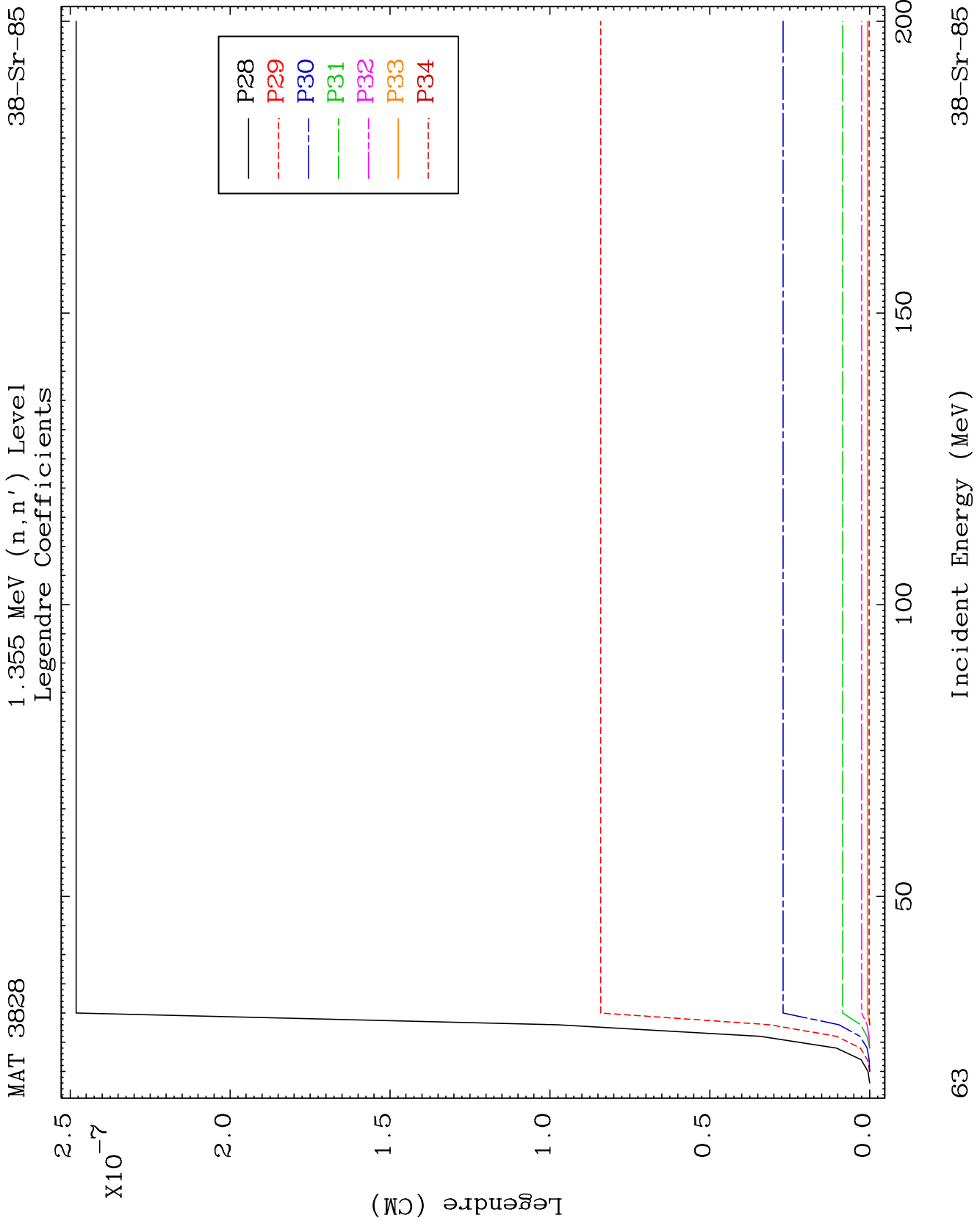
MAT 3828

1.355 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



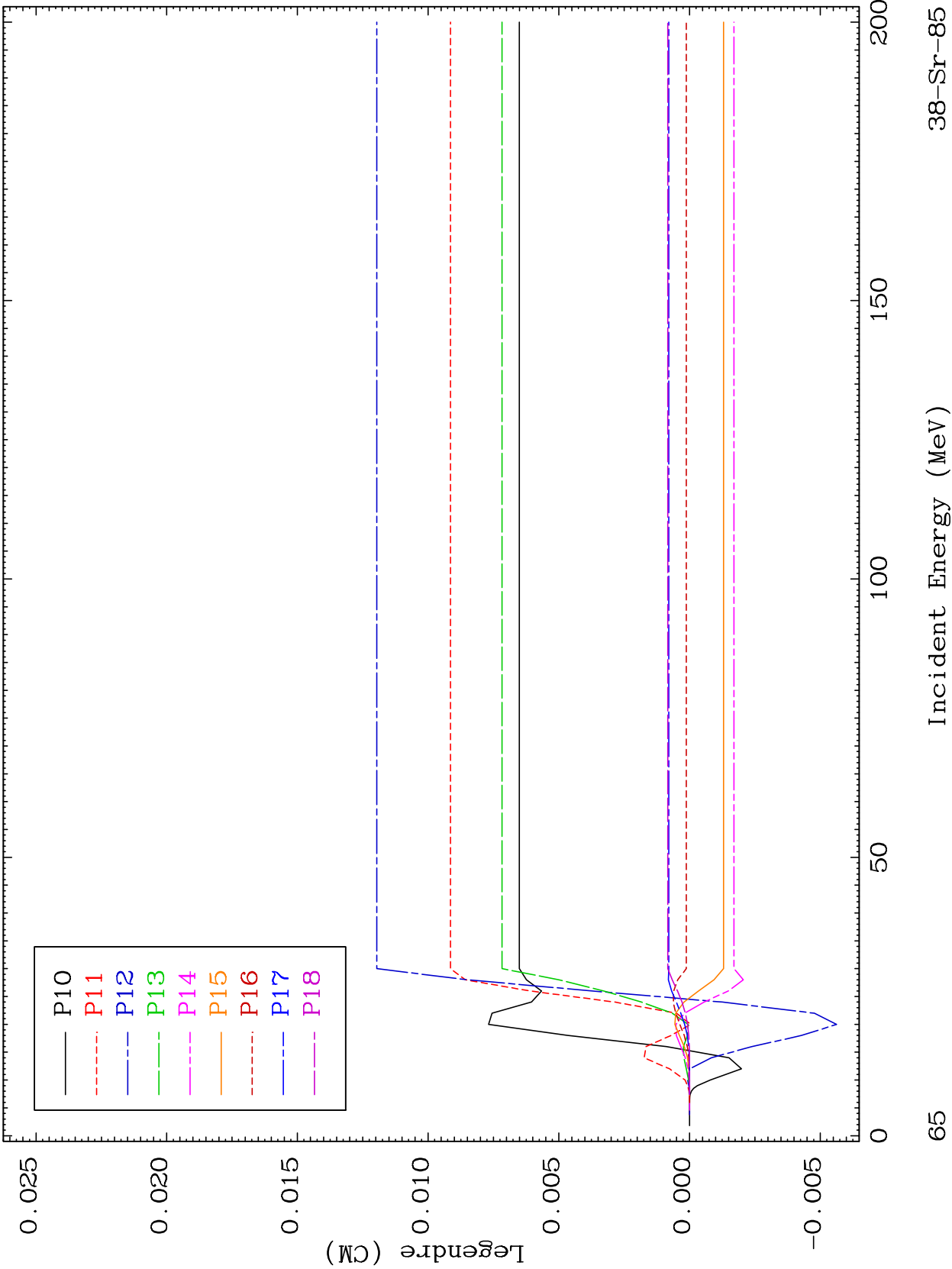
62



MAT 3828

1.403 MeV (n,n') Level
Legendre Coefficients

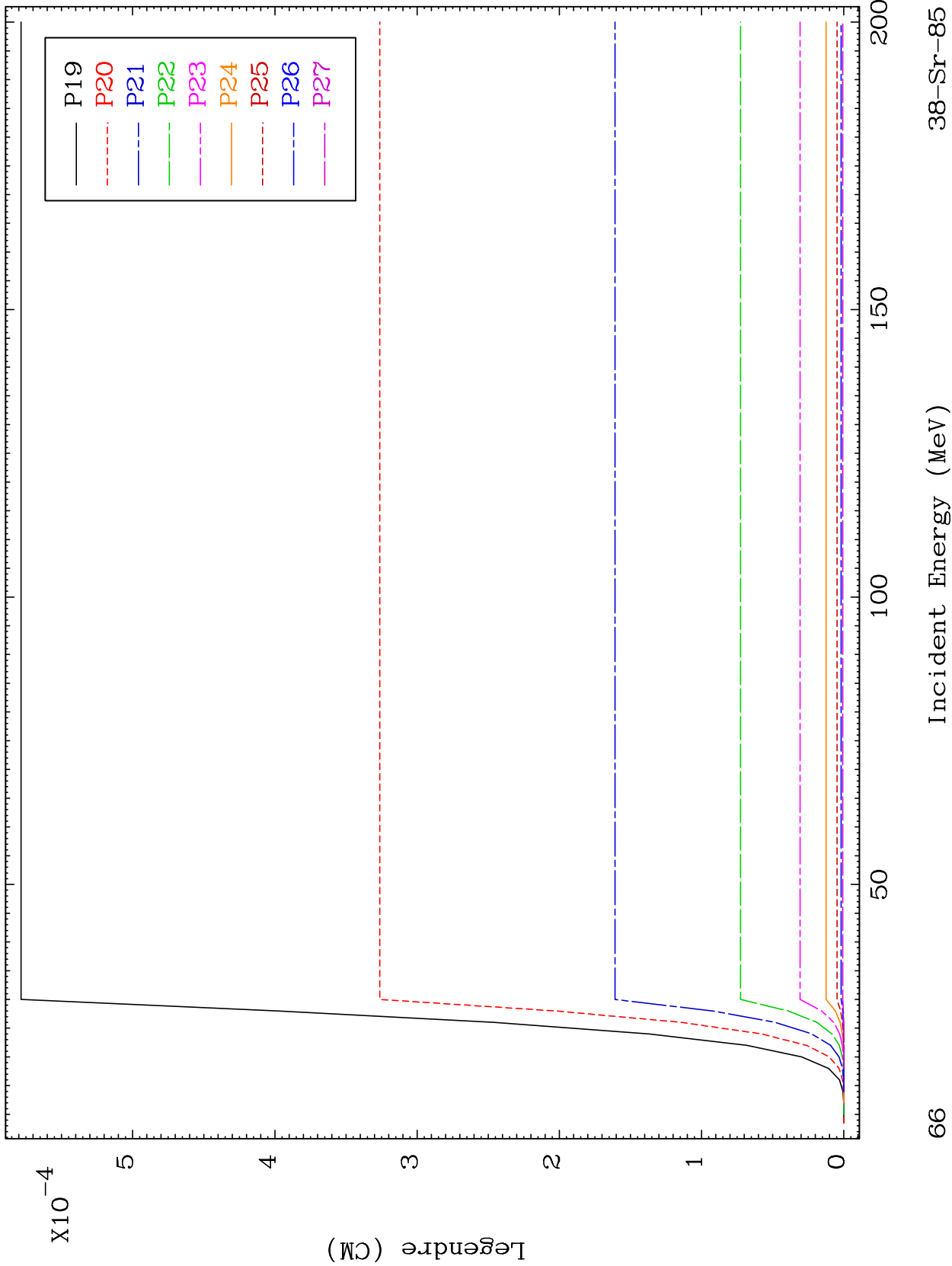
38-Sr-85



65

Incident Energy (MeV)

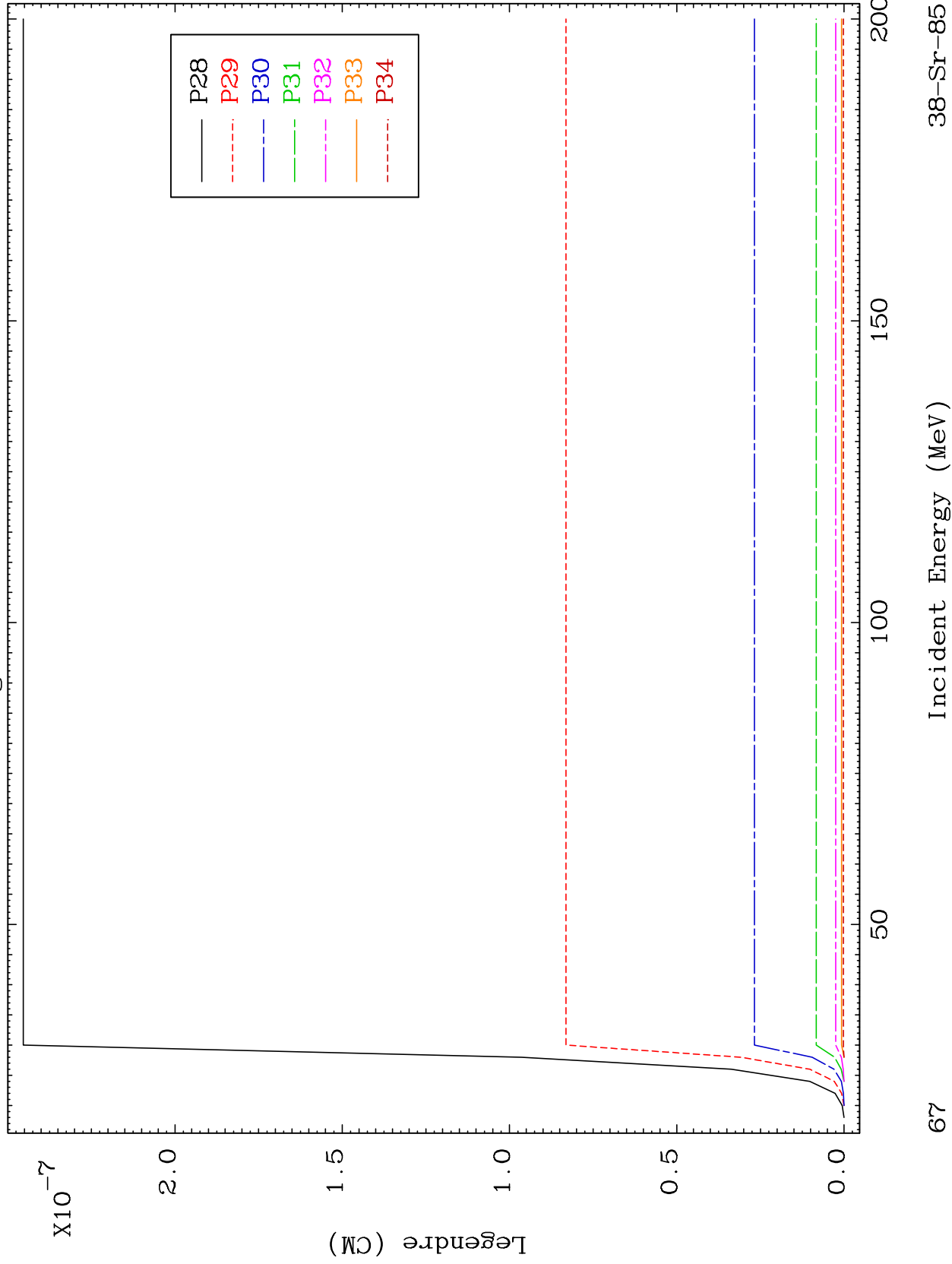
38-Sr-85



MAT 3828

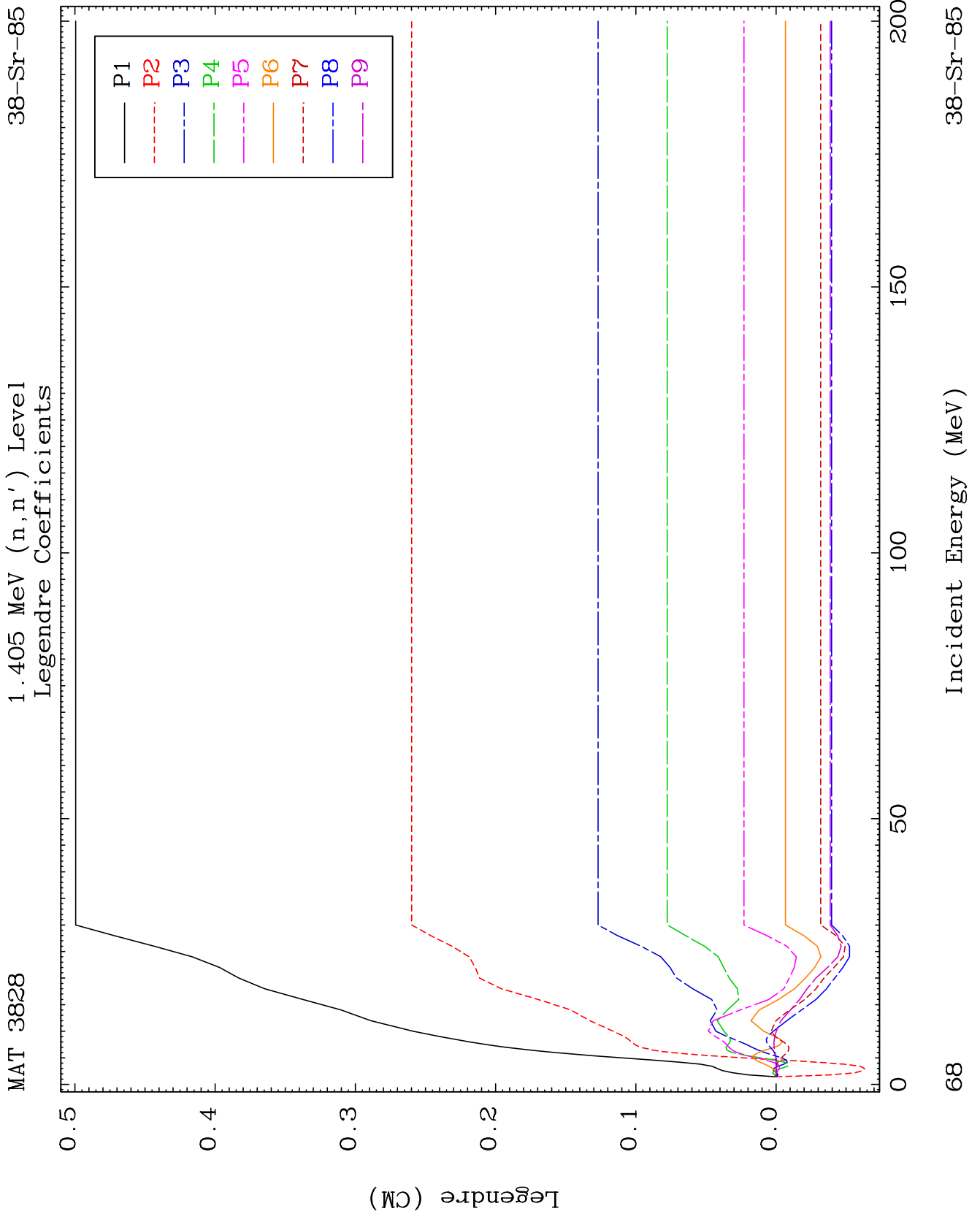
1.403 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



67

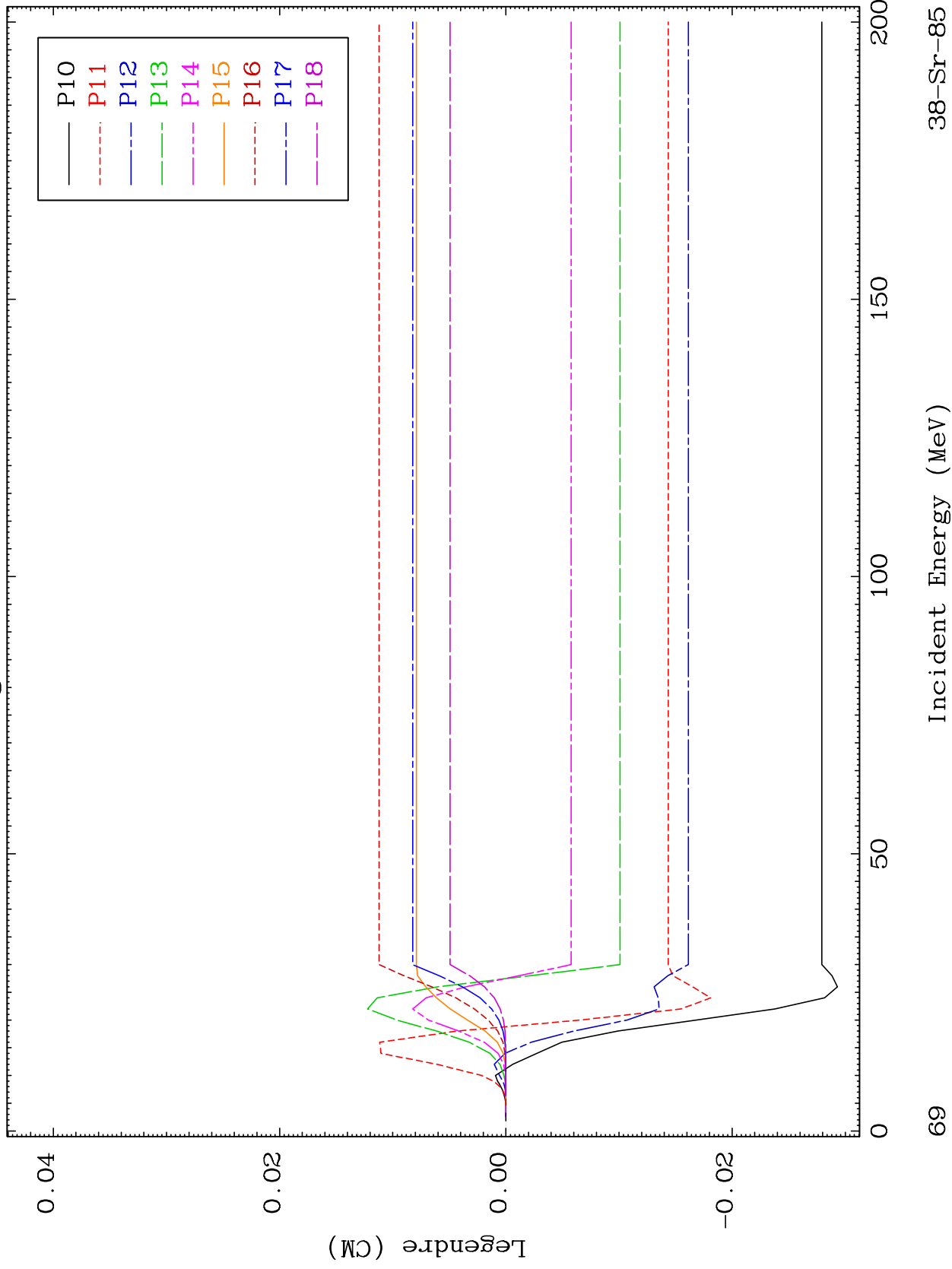
38-Sr-85

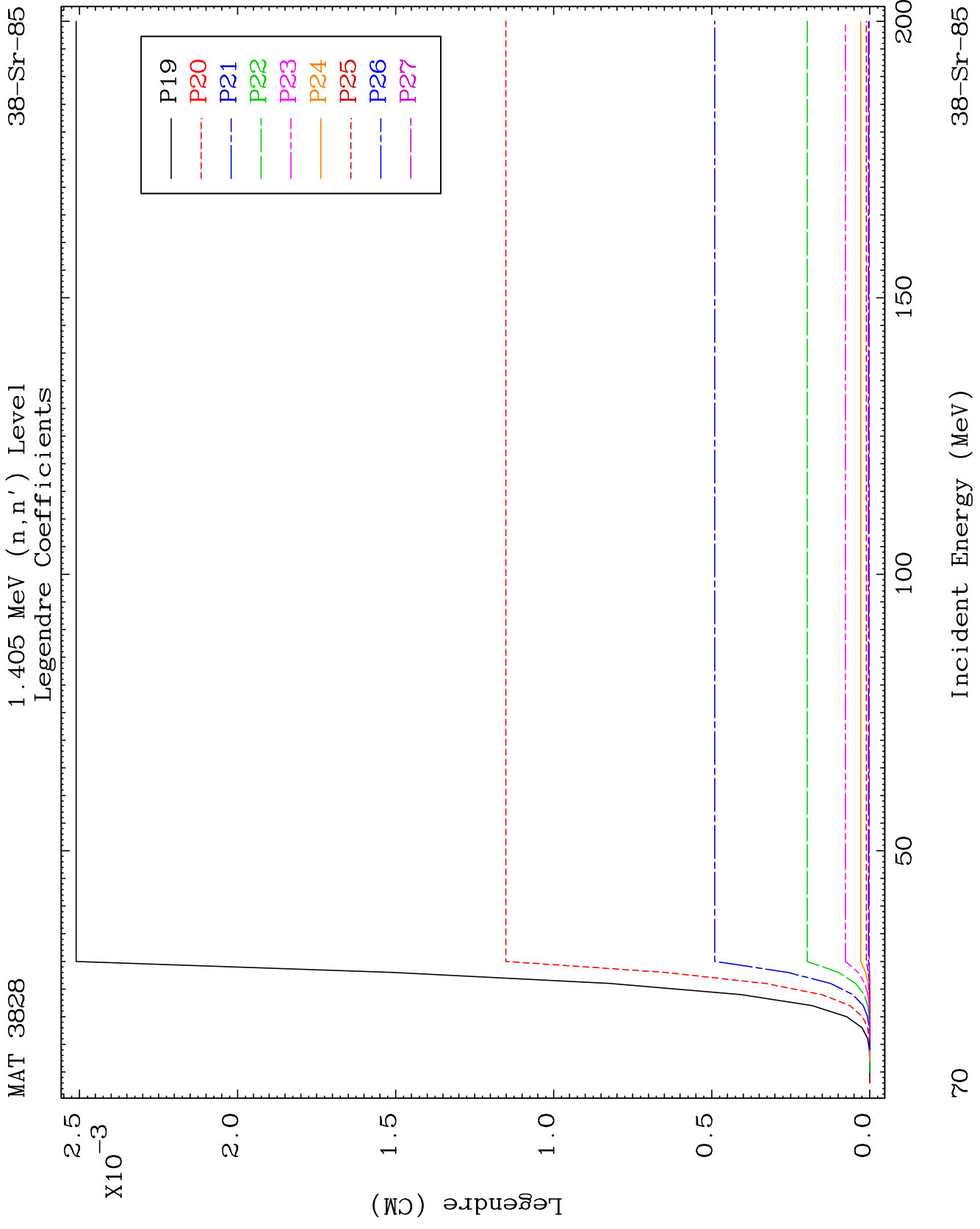


MAT 3828

1.405 MeV (n,n') Level
Legendre Coefficients

38-Sr-85

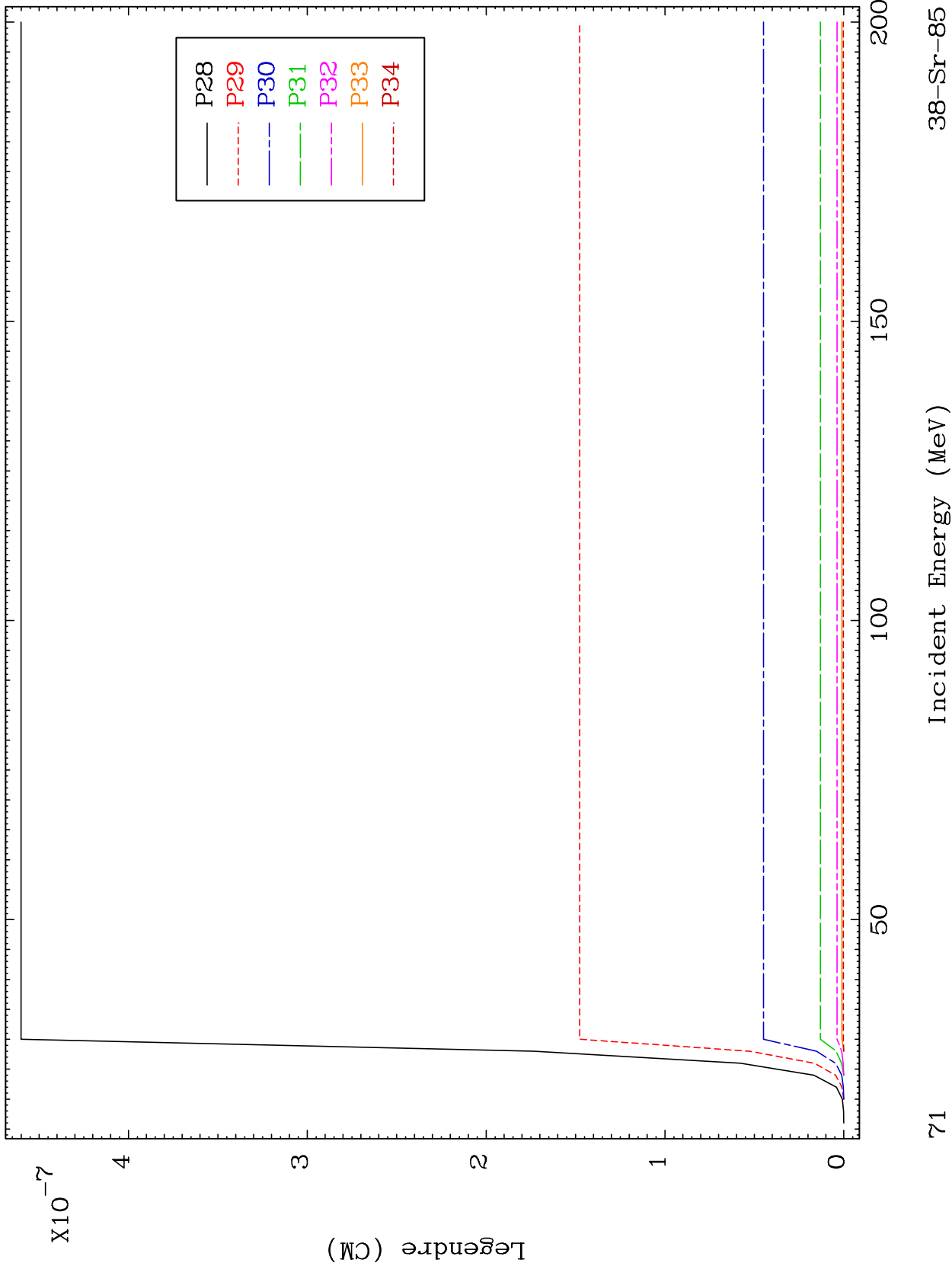




MAT 3828

1.405 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



71

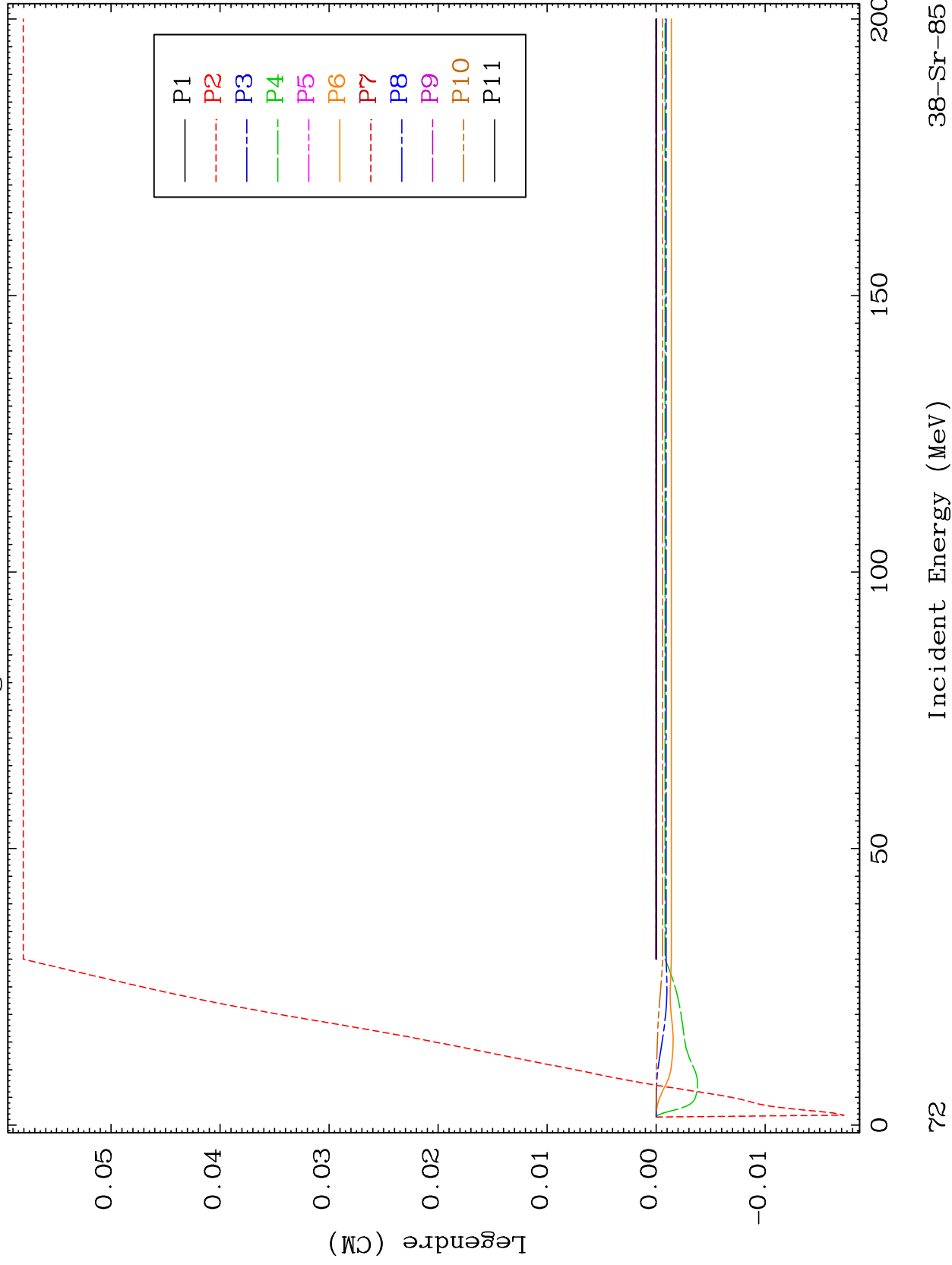
Incident Energy (MeV)

38-Sr-85

MAT 3828

1.429 MeV (n,n') Level
Legendre Coefficients

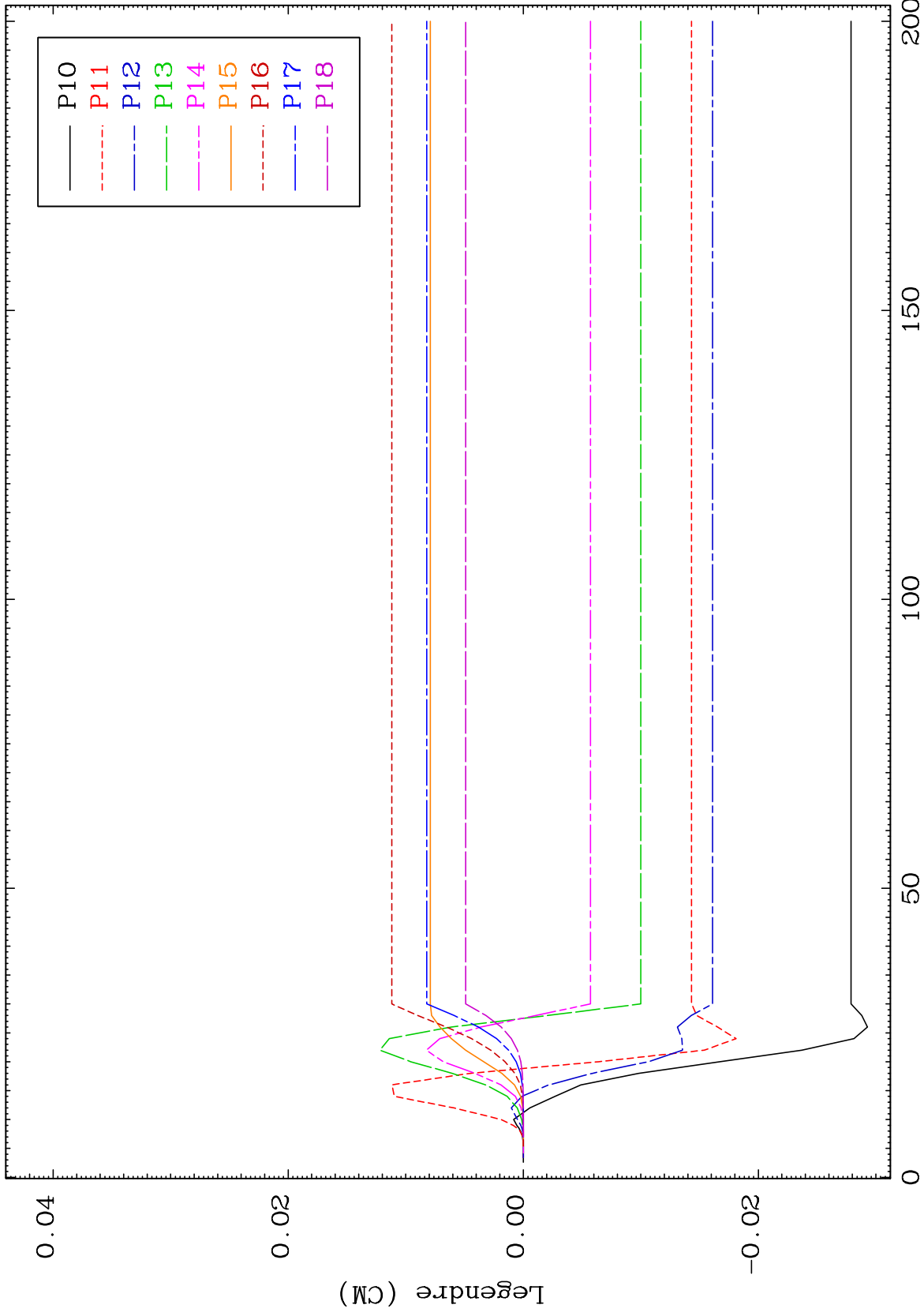
38-Sr-85



MAT 3828

1.453 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



75

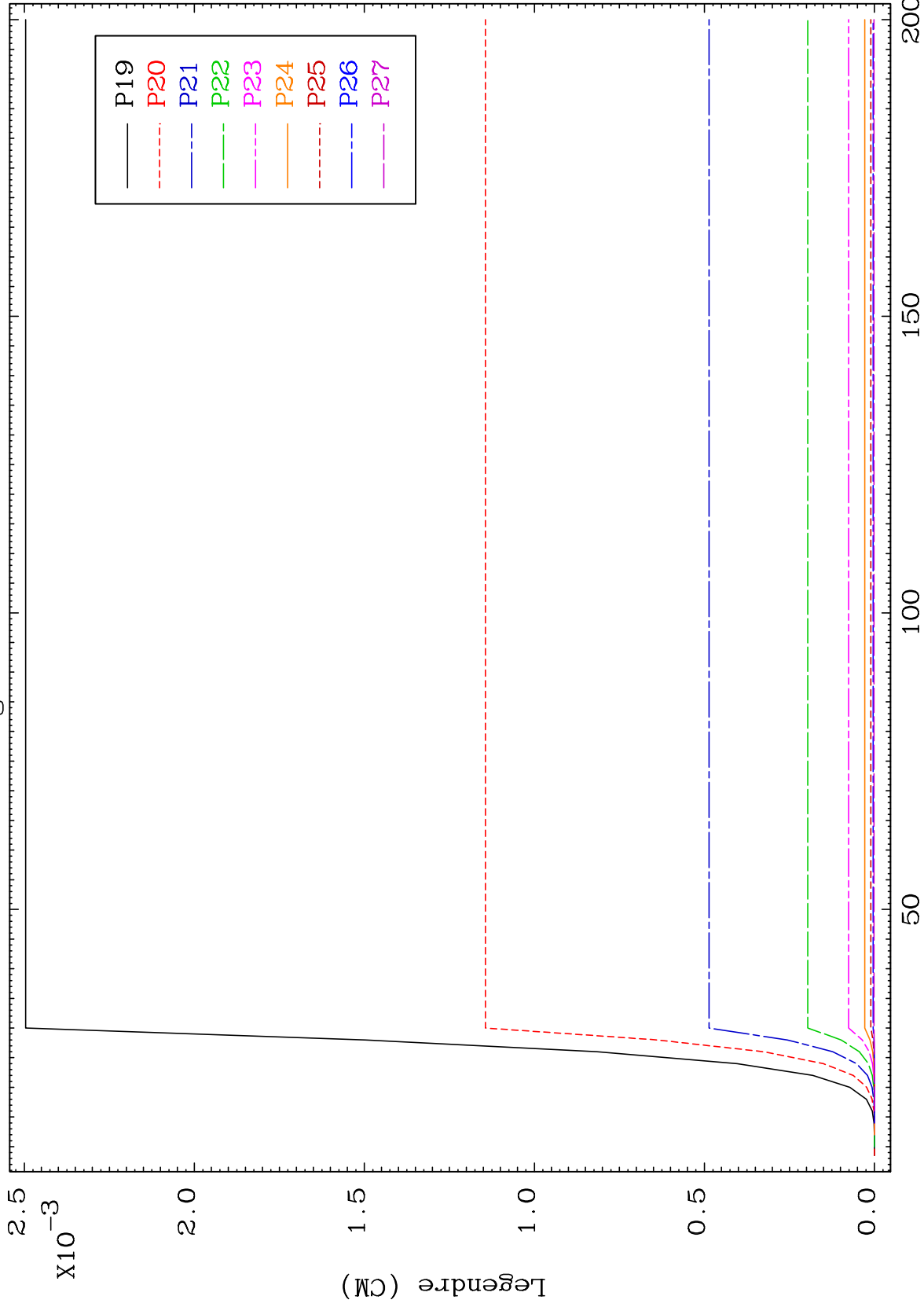
Incident Energy (MeV)

38-Sr-85

MAT 3828

1.453 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



76

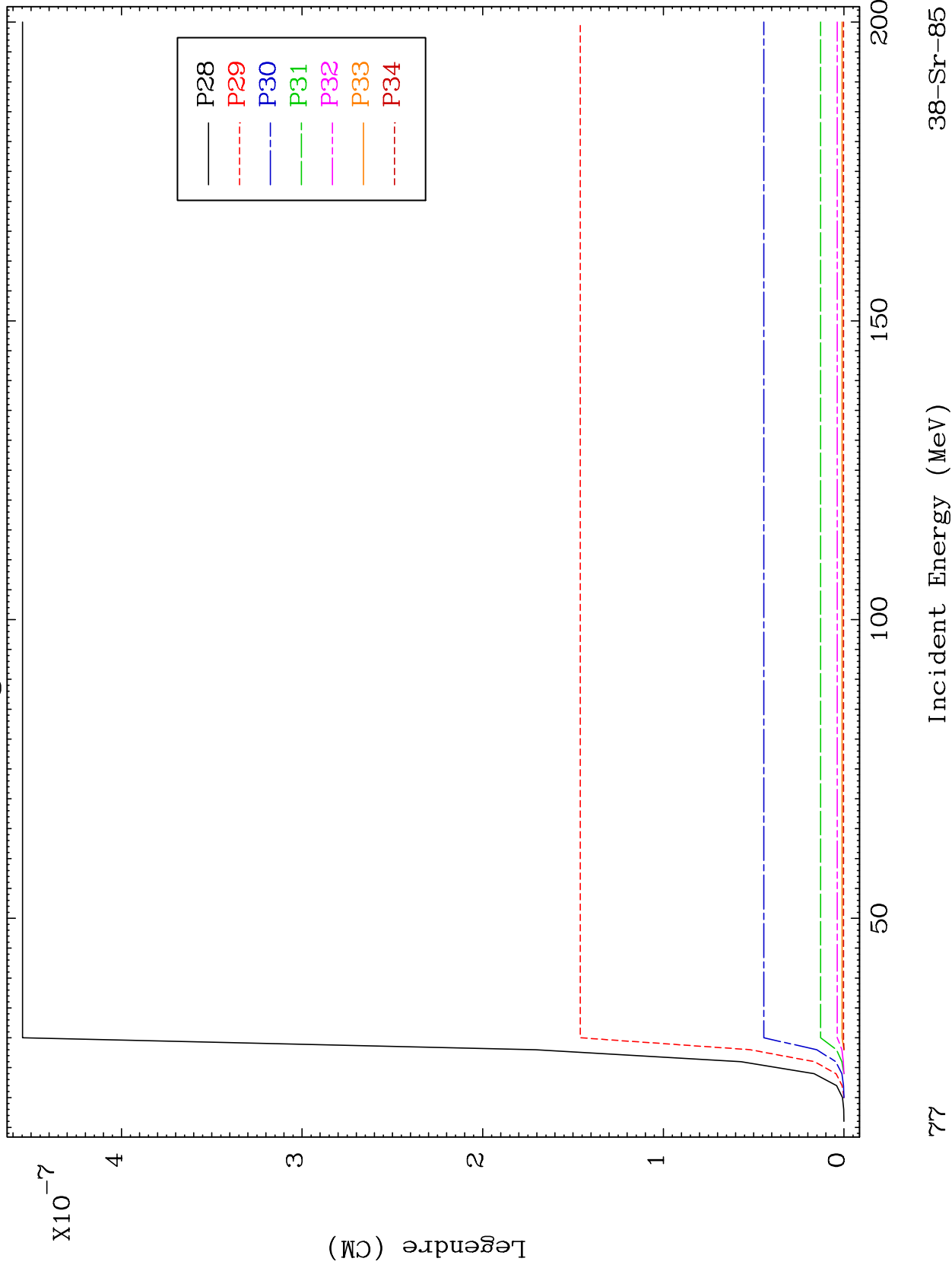
Incident Energy (MeV)

38-Sr-85

MAT 3828

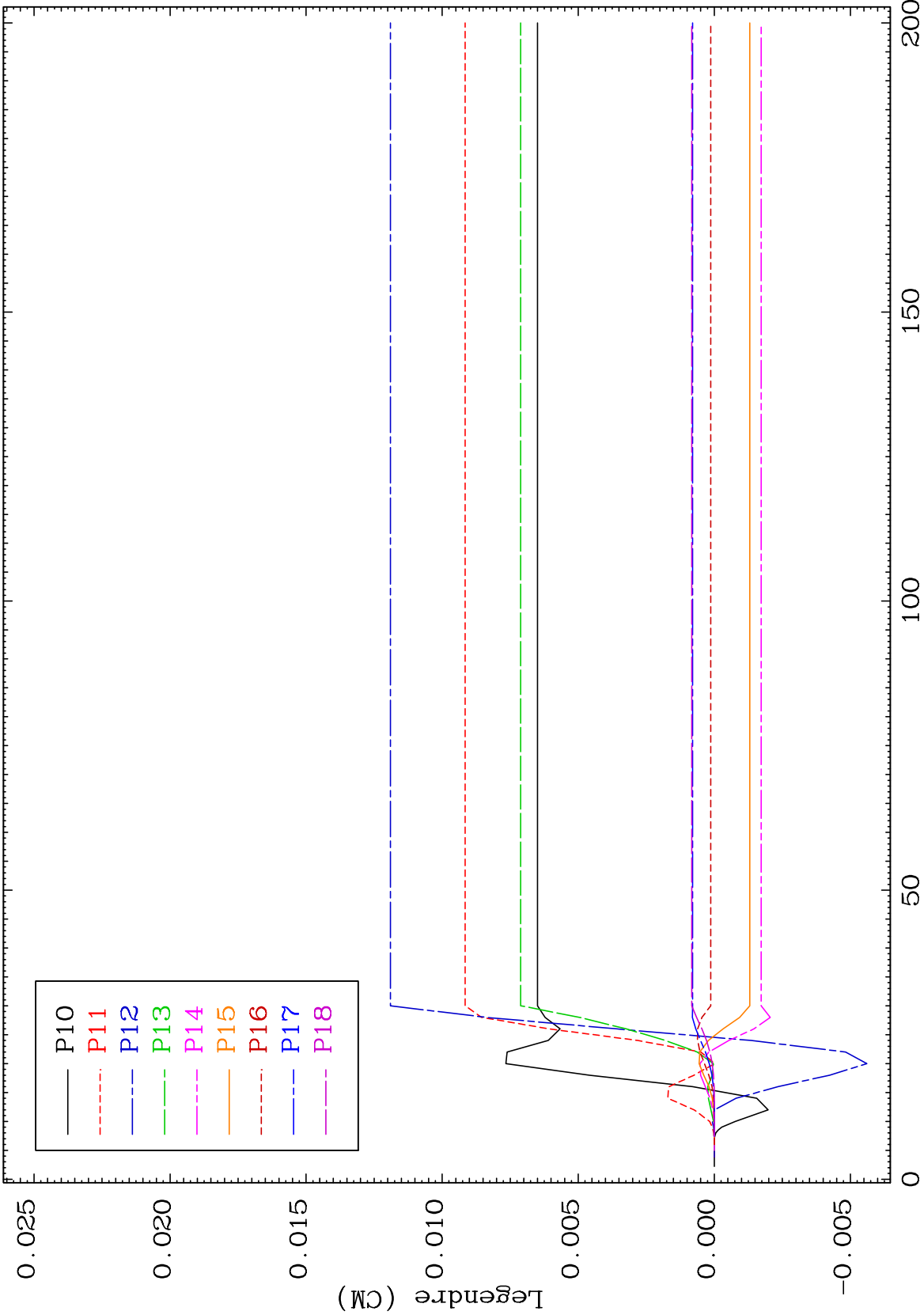
1.453 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



77

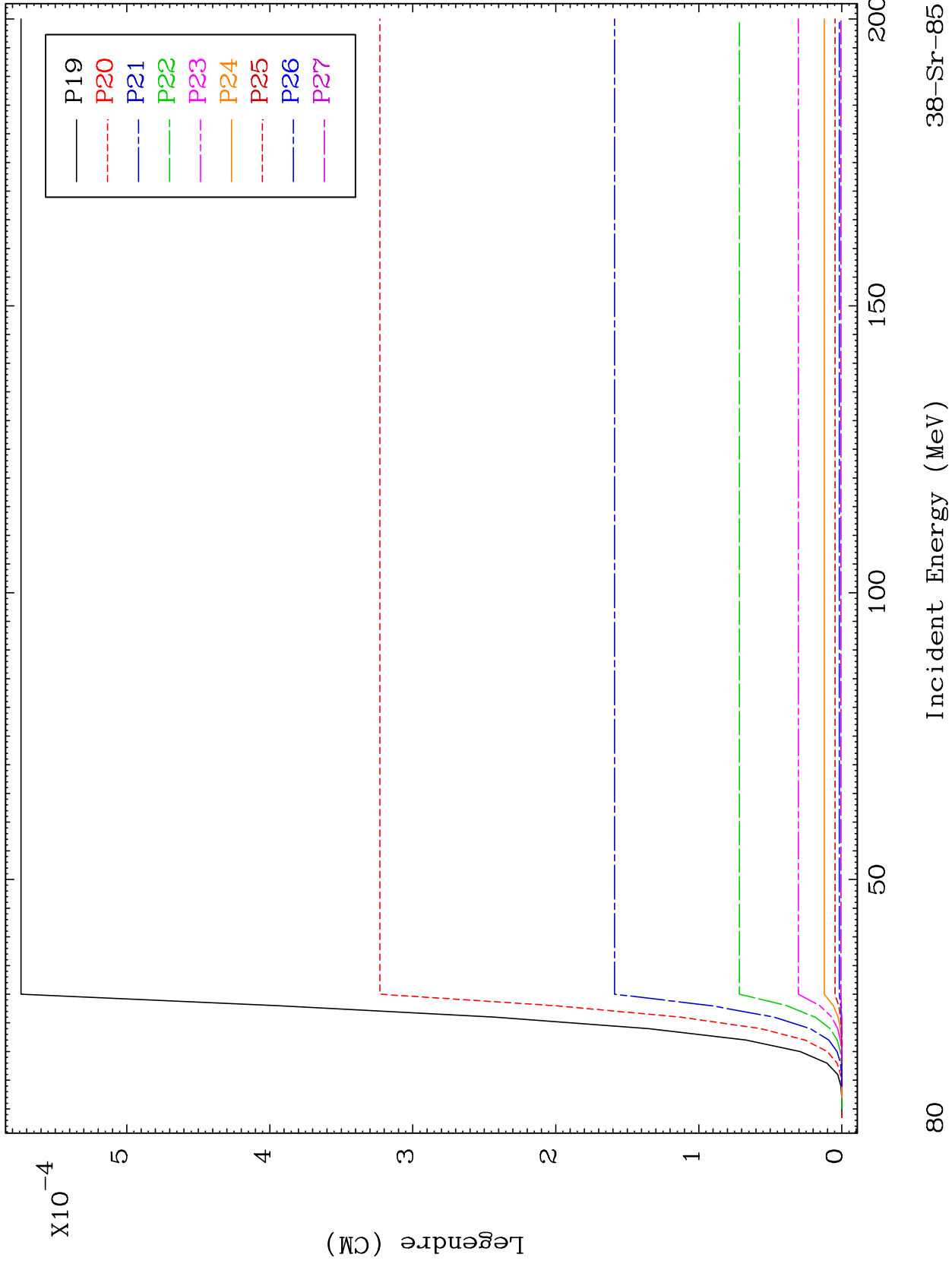
38-Sr-85

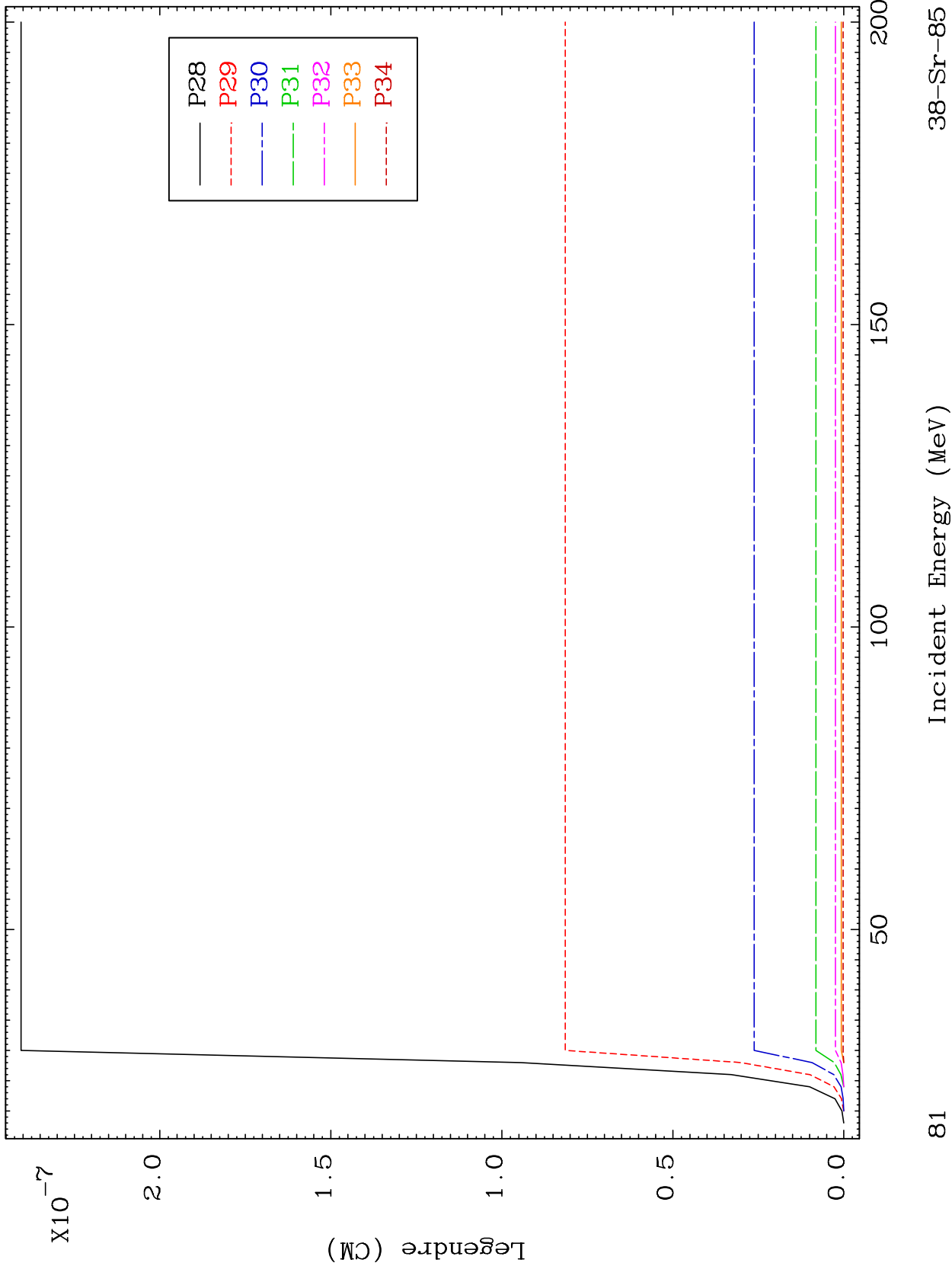


MAT 3828

1.486 MeV (n,n') Level
Legendre Coefficients

38-Sr-85

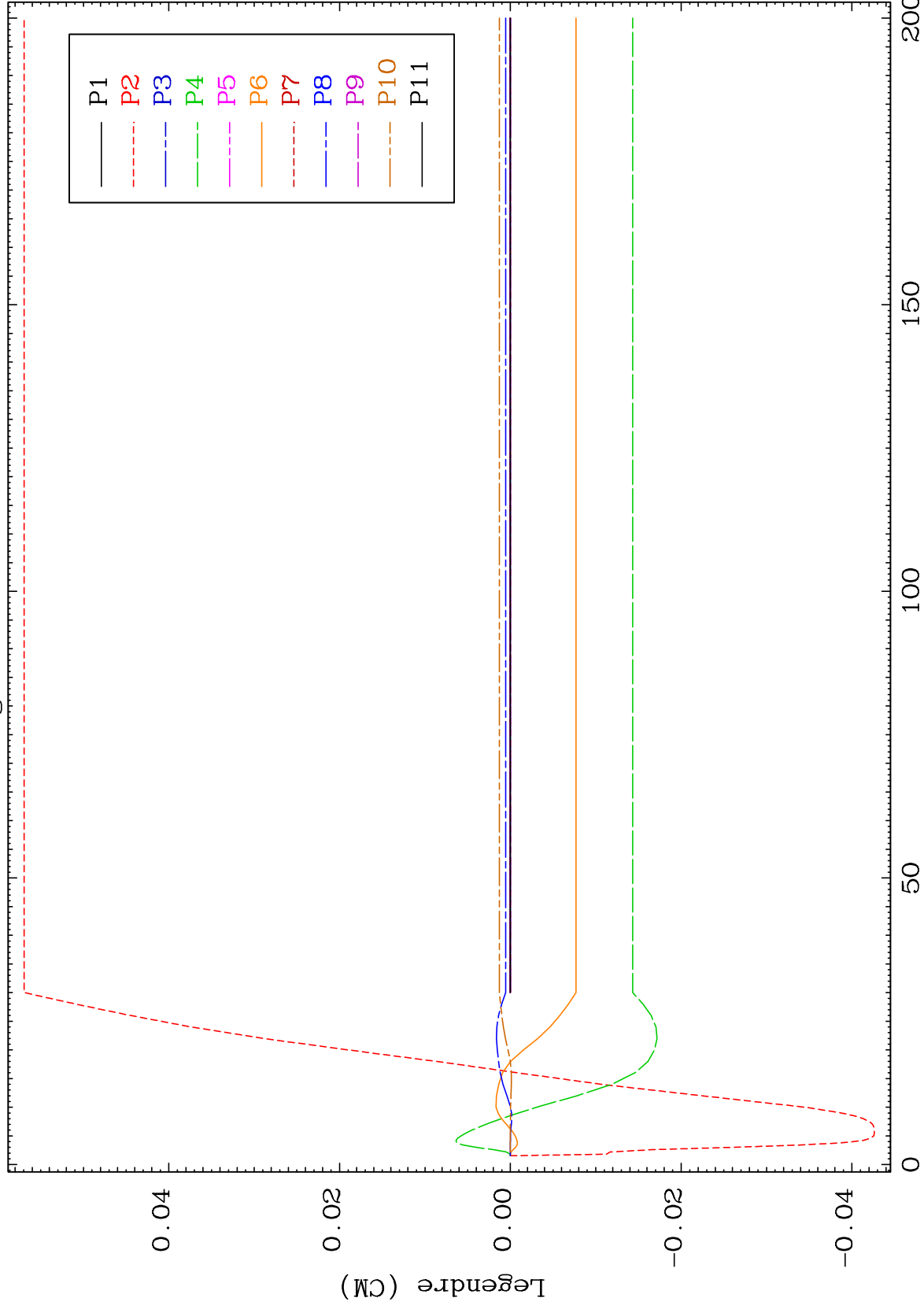




MAT 3828

1.517 MeV (n,n') Level
Legendre Coefficients

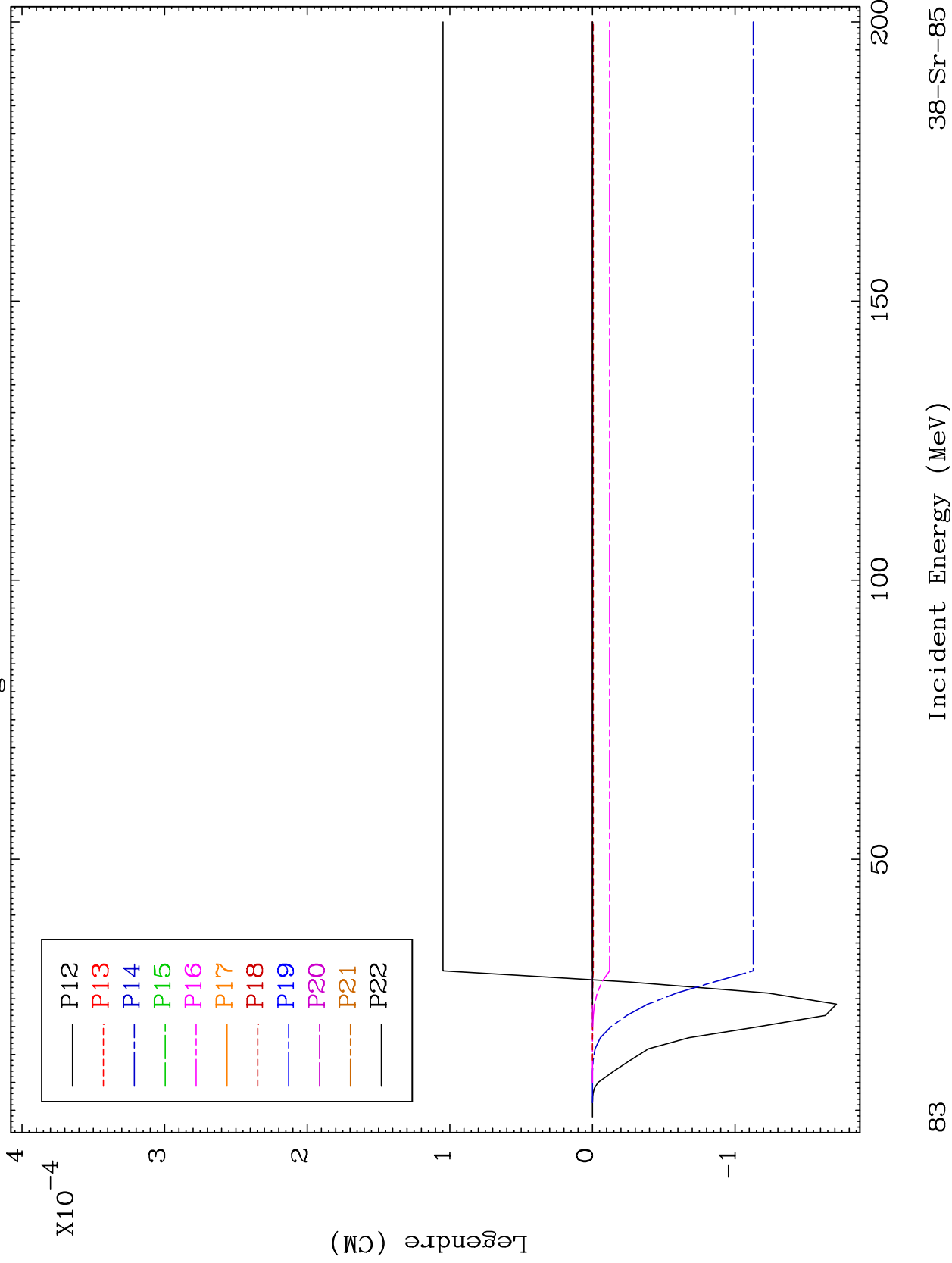
38-Sr-85

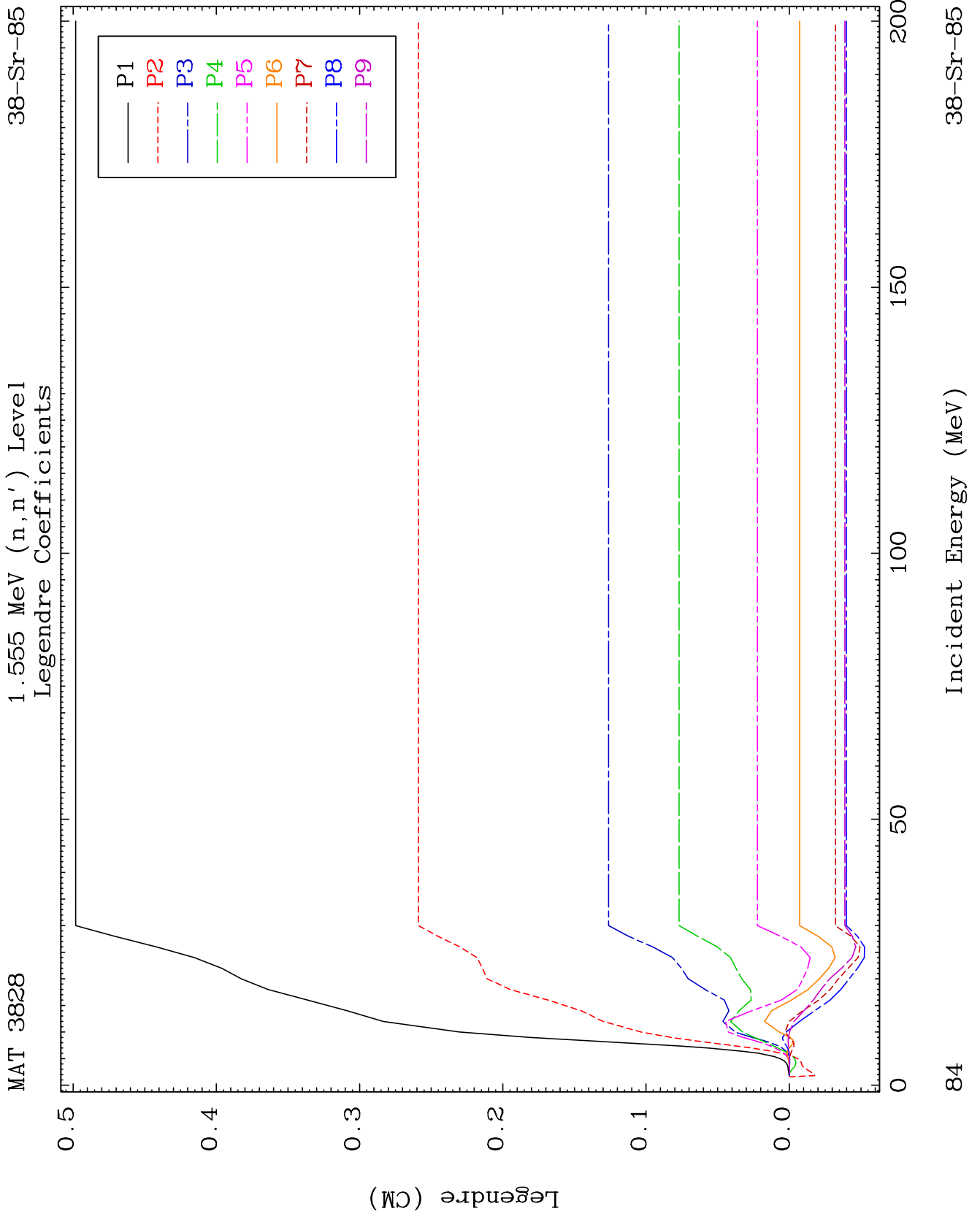


82

Incident Energy (MeV)

38-Sr-85

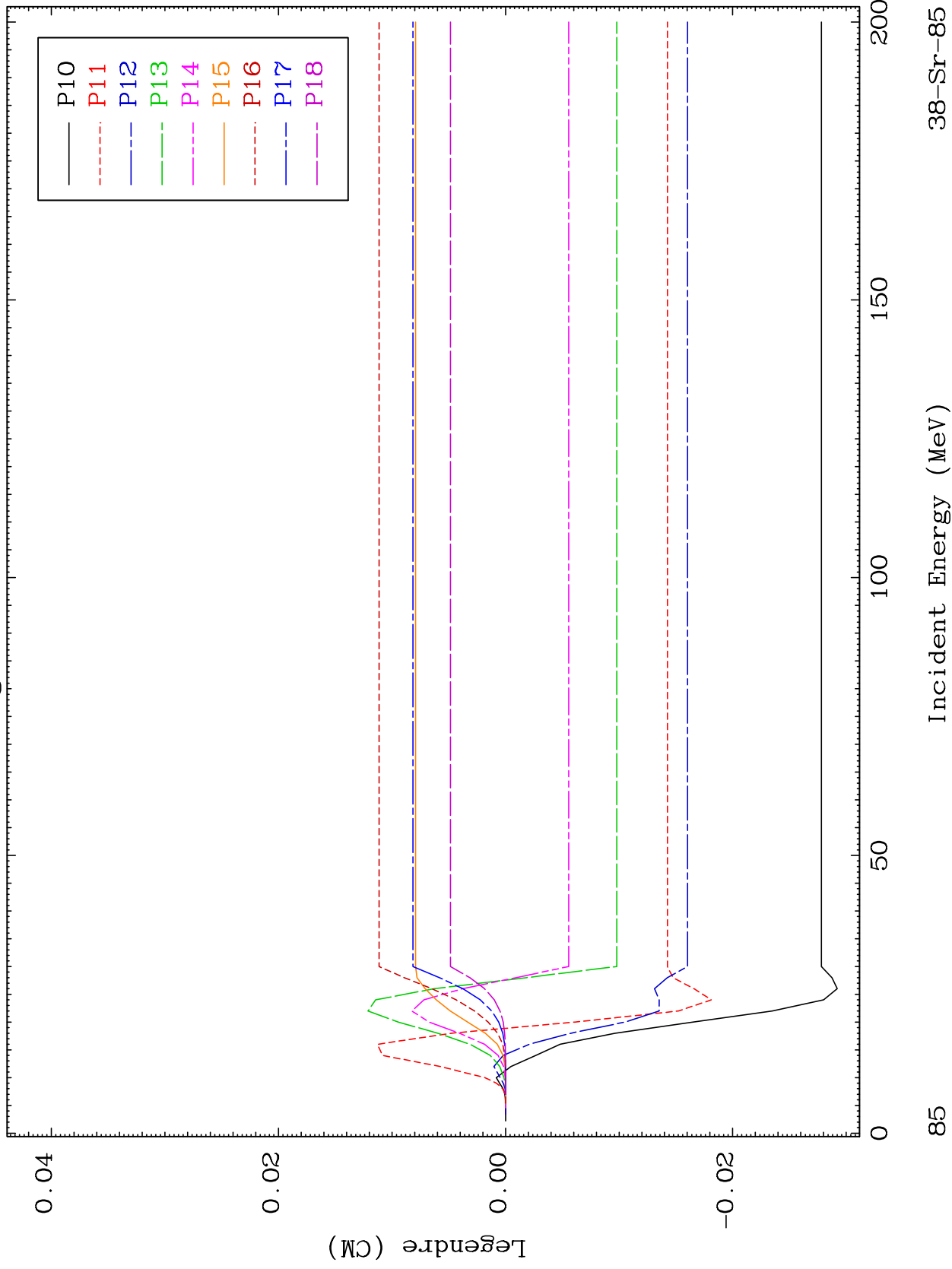




MAT 3828

1.555 MeV (n,n') Level
Legendre Coefficients

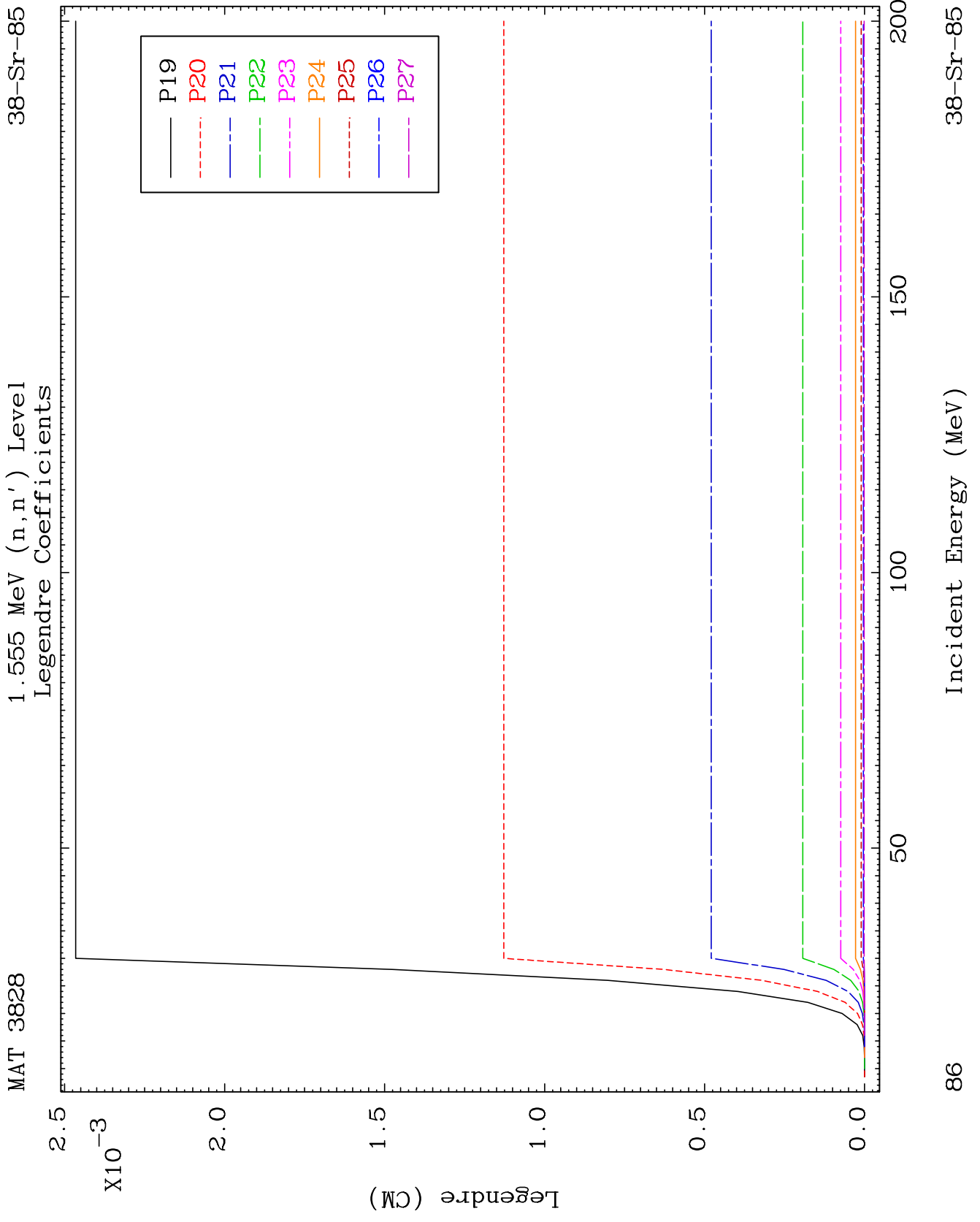
38-Sr-85

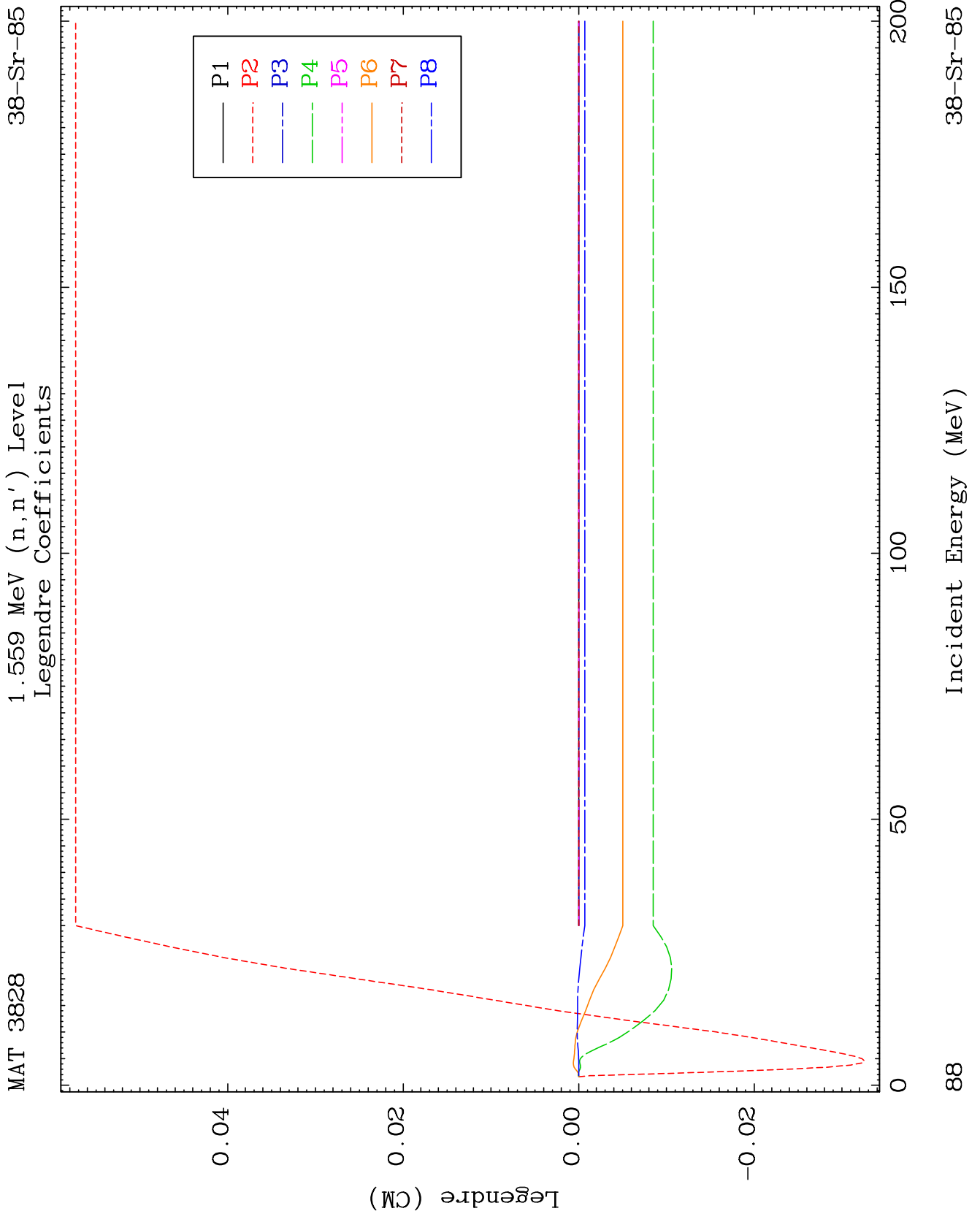


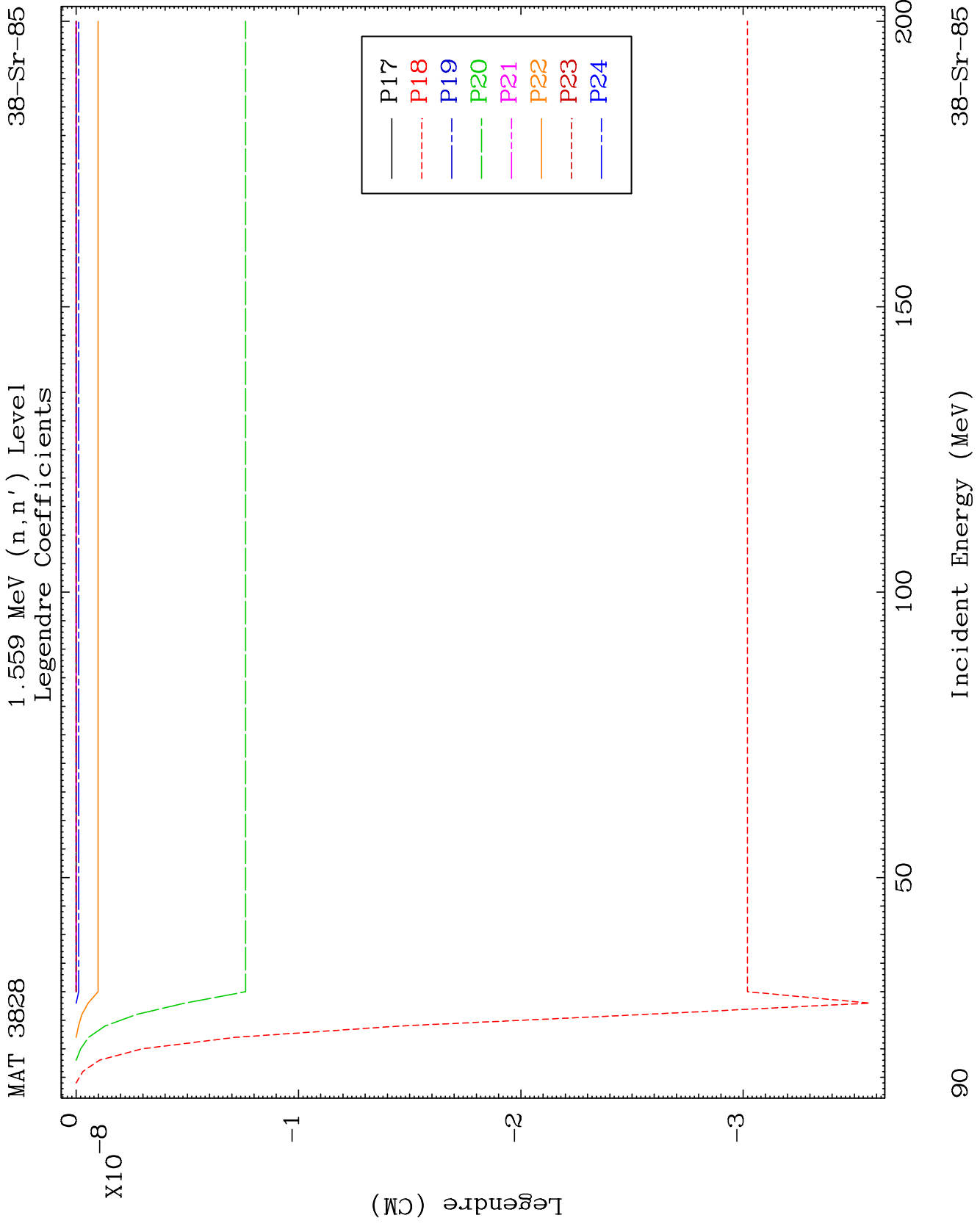
38-Sr-85

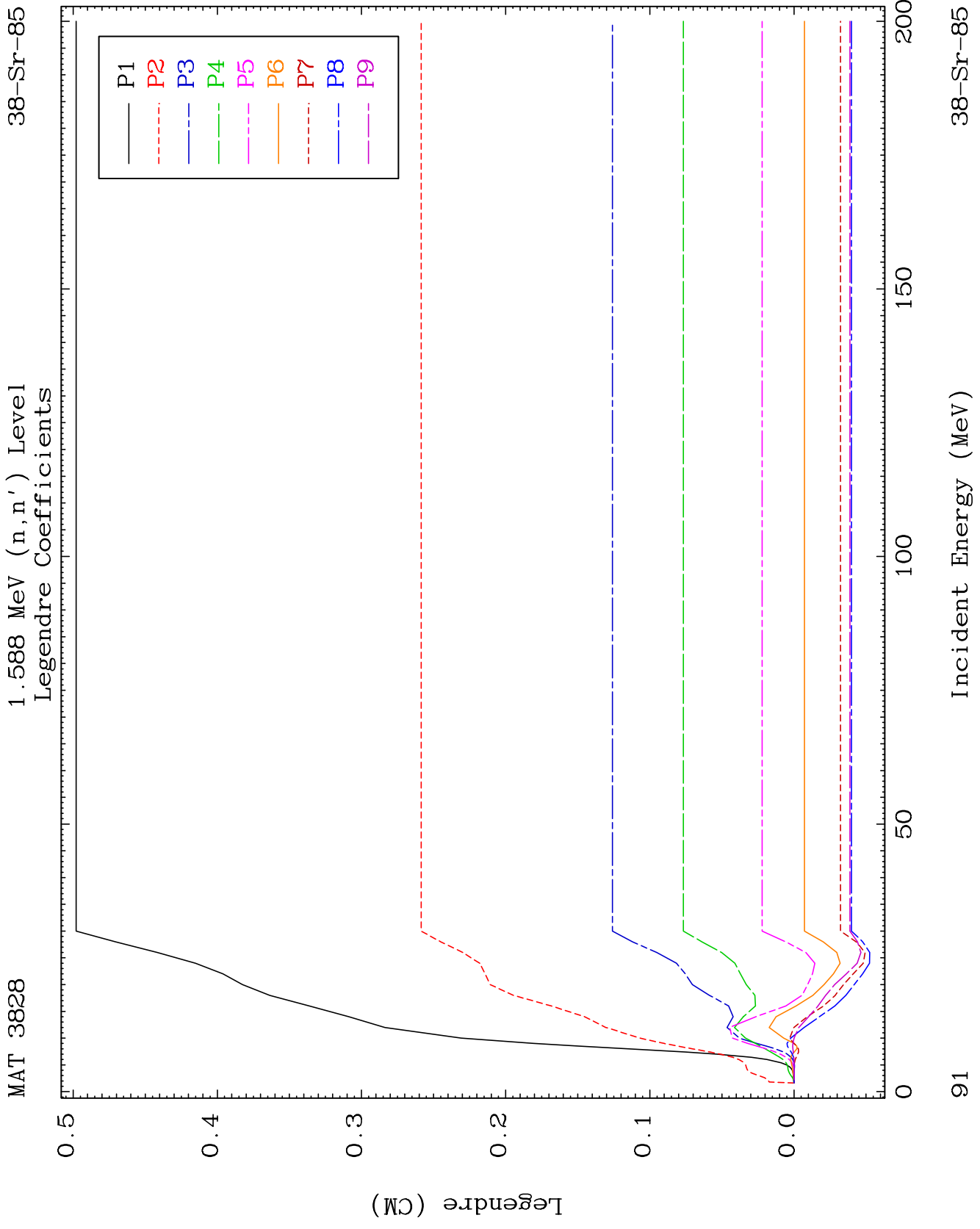
Incident Energy (MeV)

85





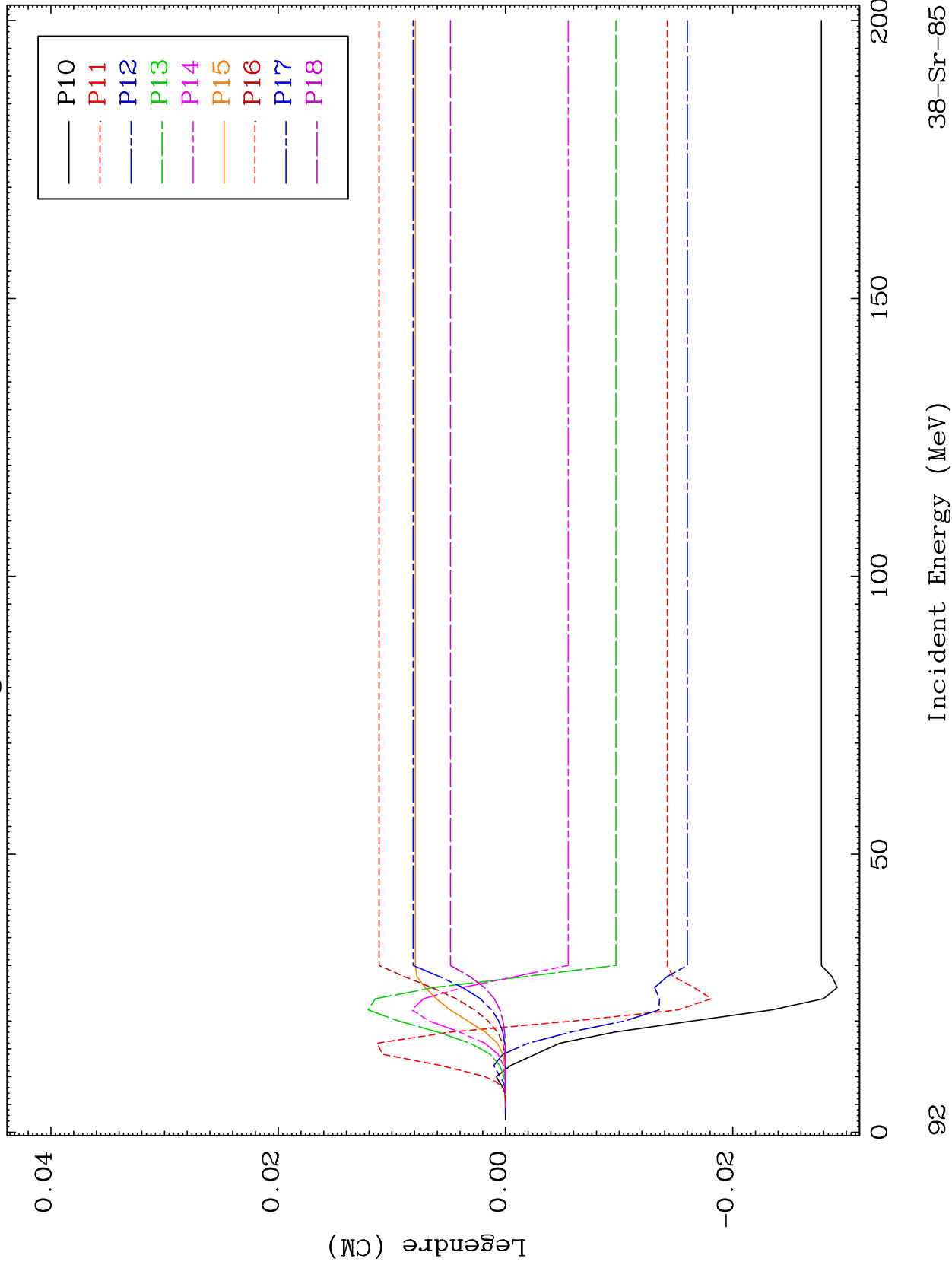




MAT 3828

1.588 MeV (n,n') Level
Legendre Coefficients

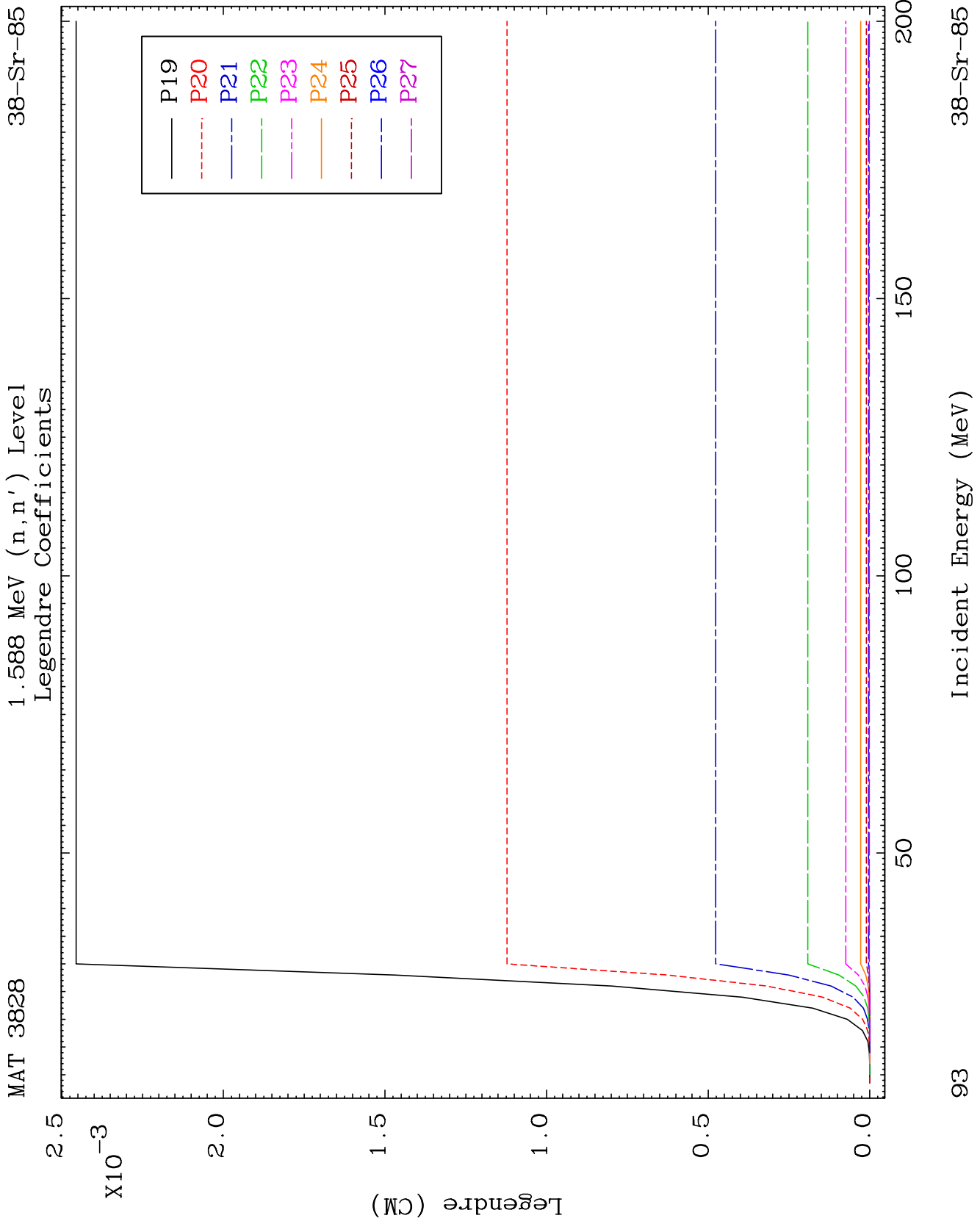
38-Sr-85

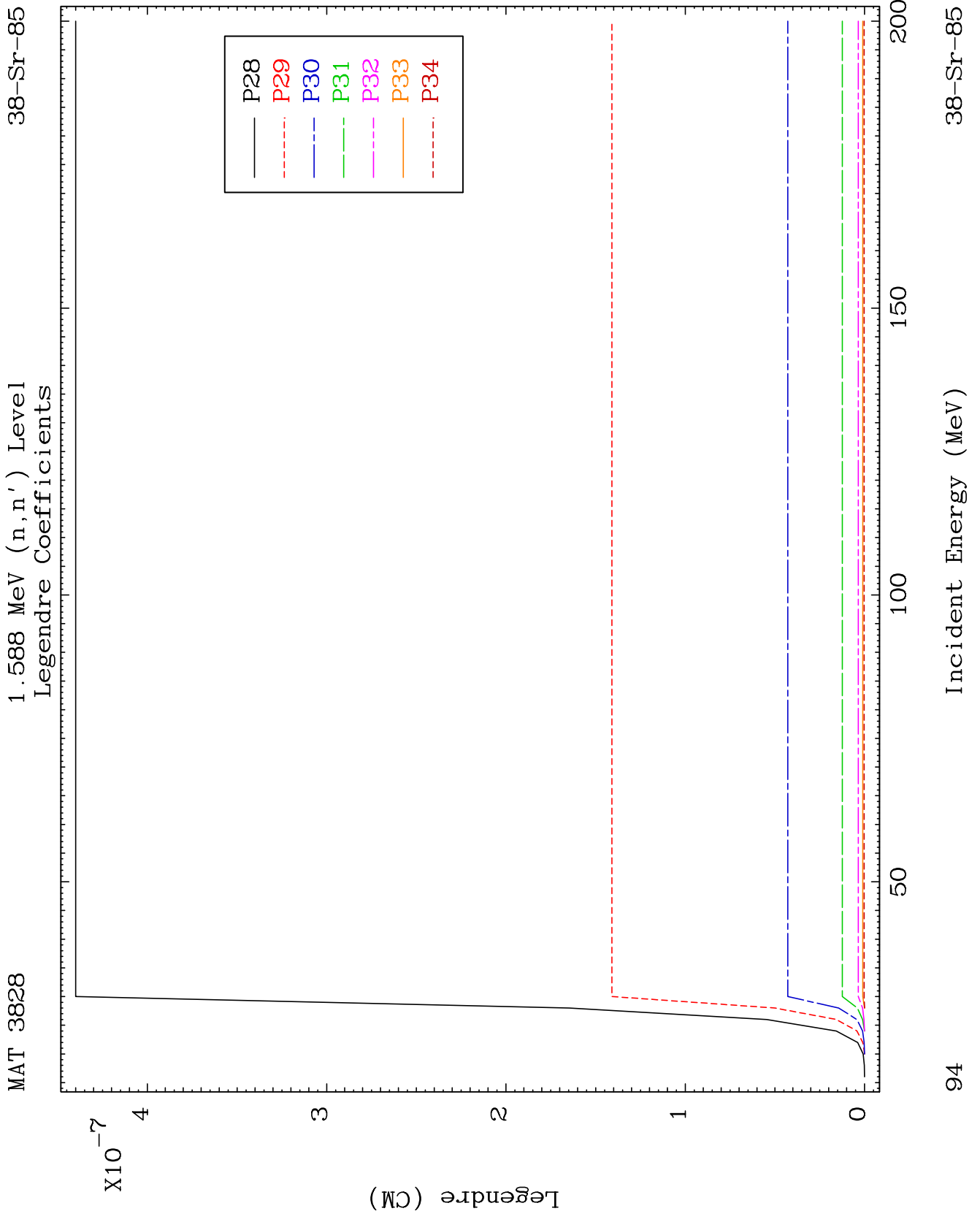


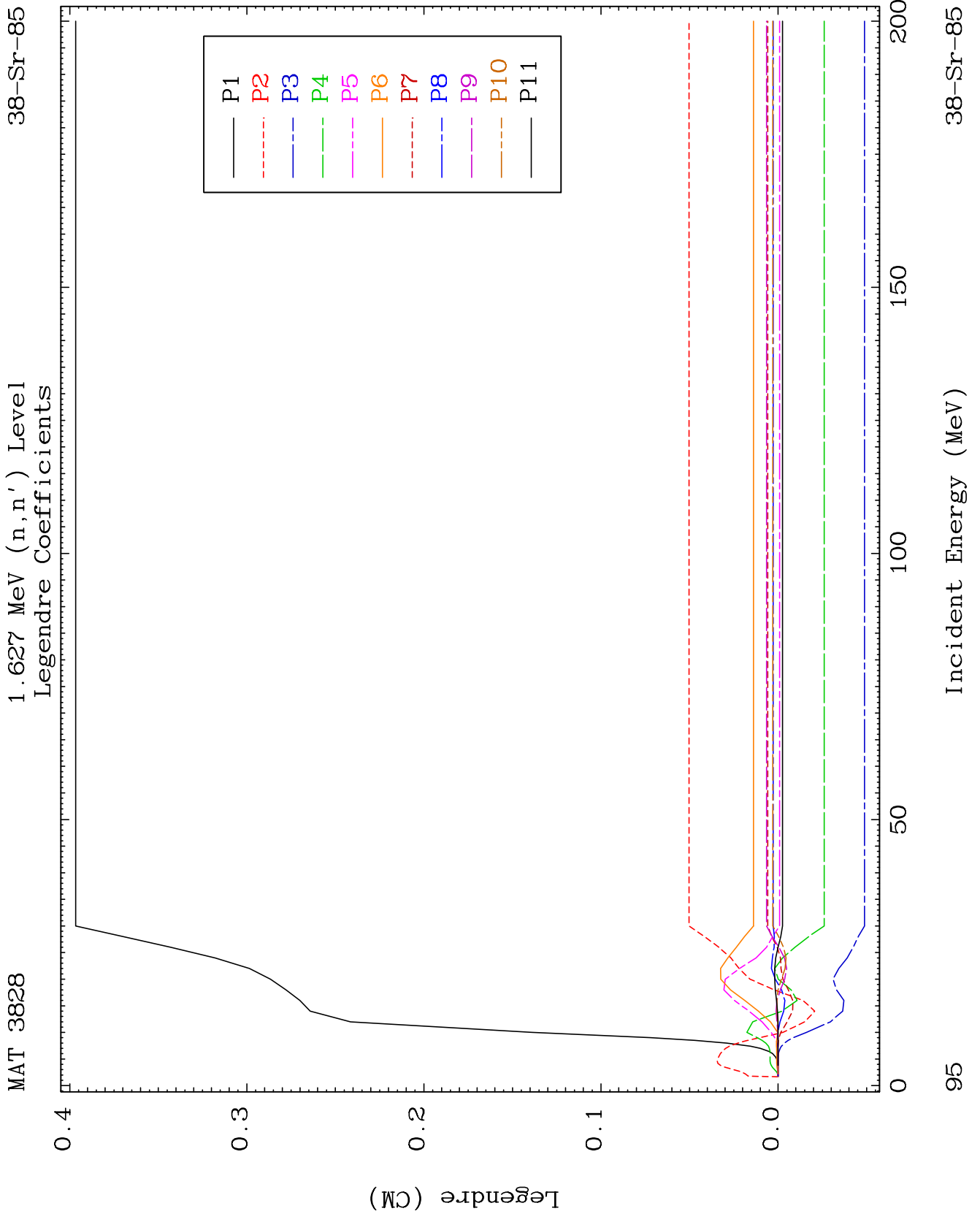
38-Sr-85

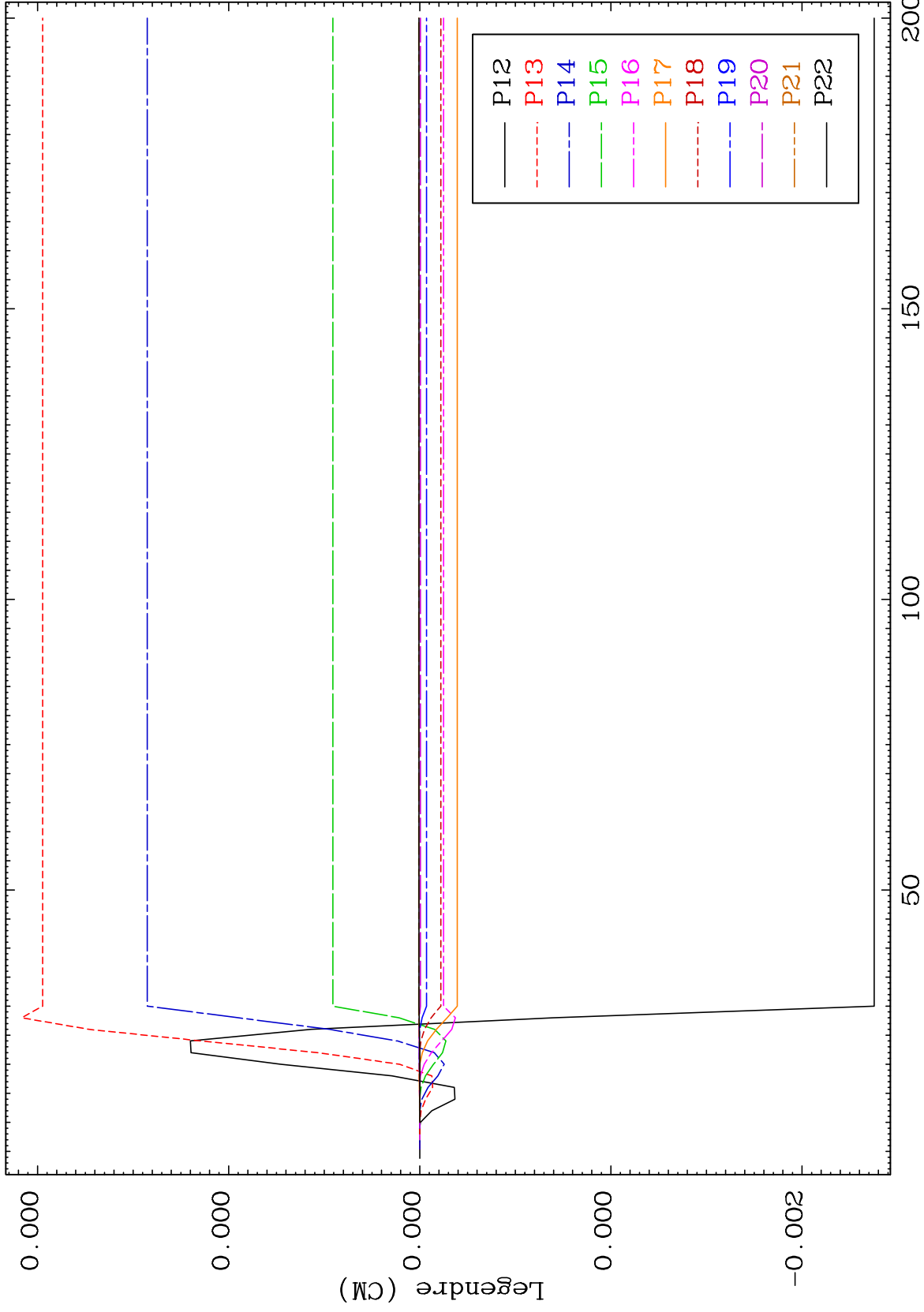
Incident Energy (MeV)

92





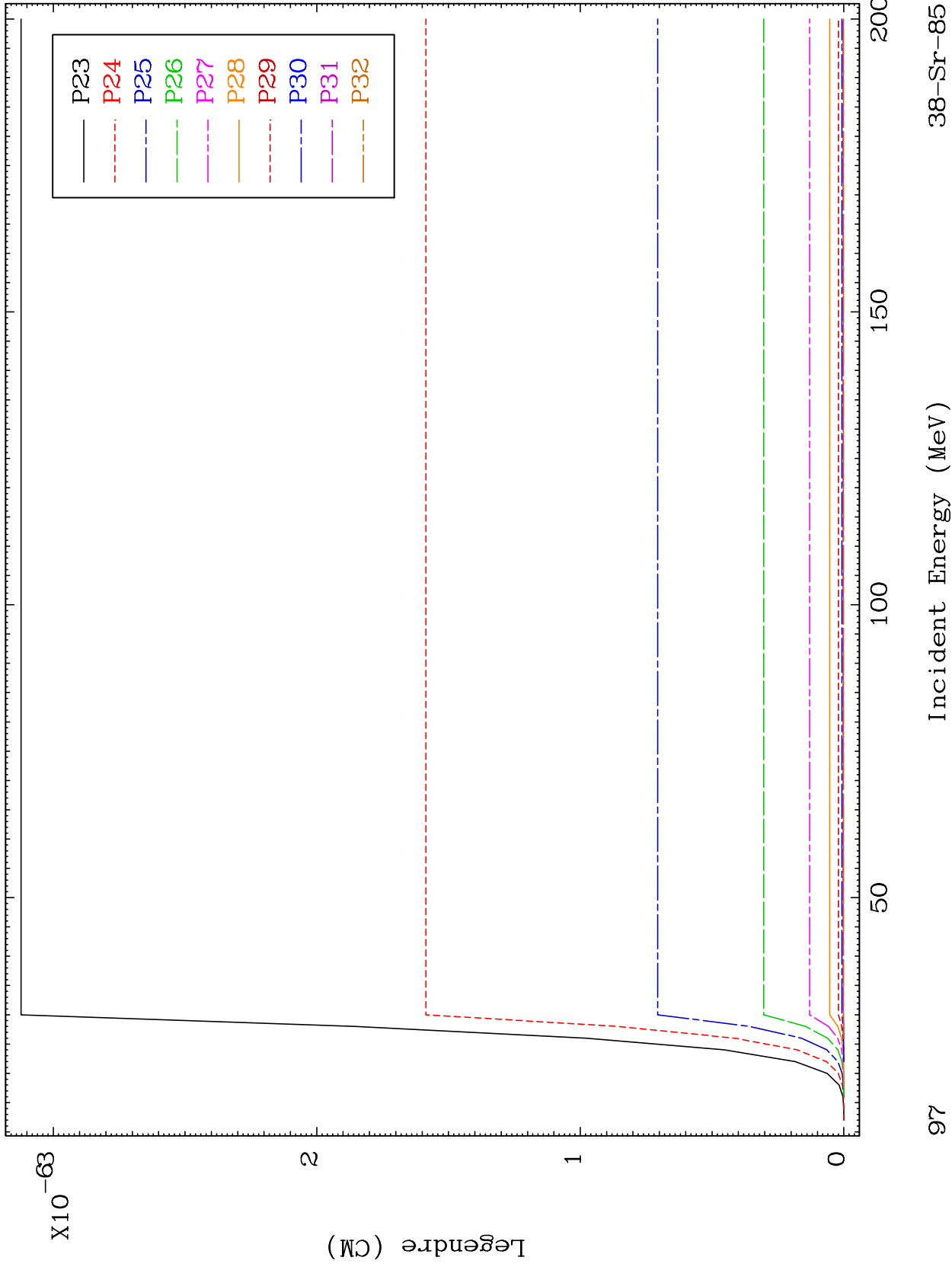


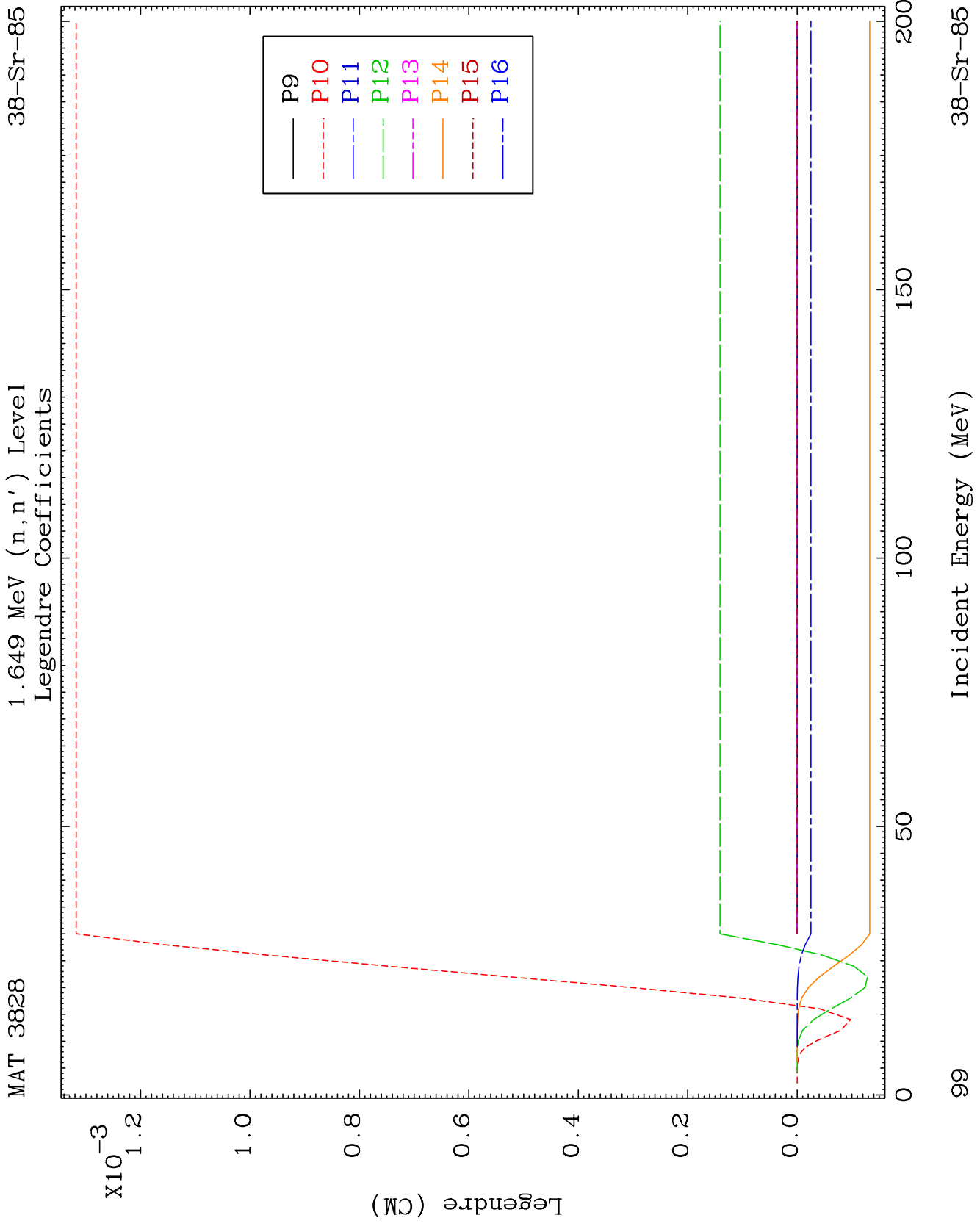


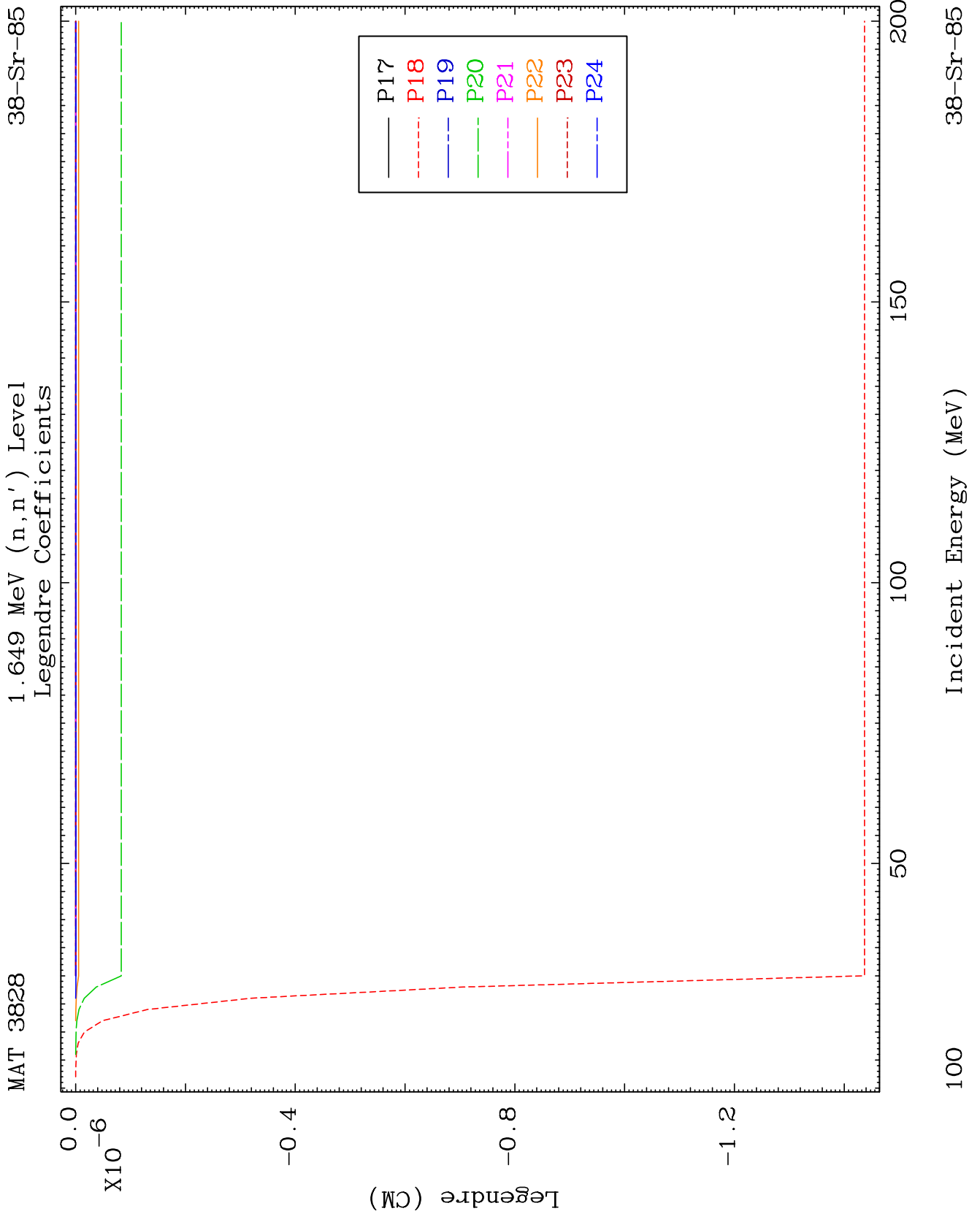
MAT 3828

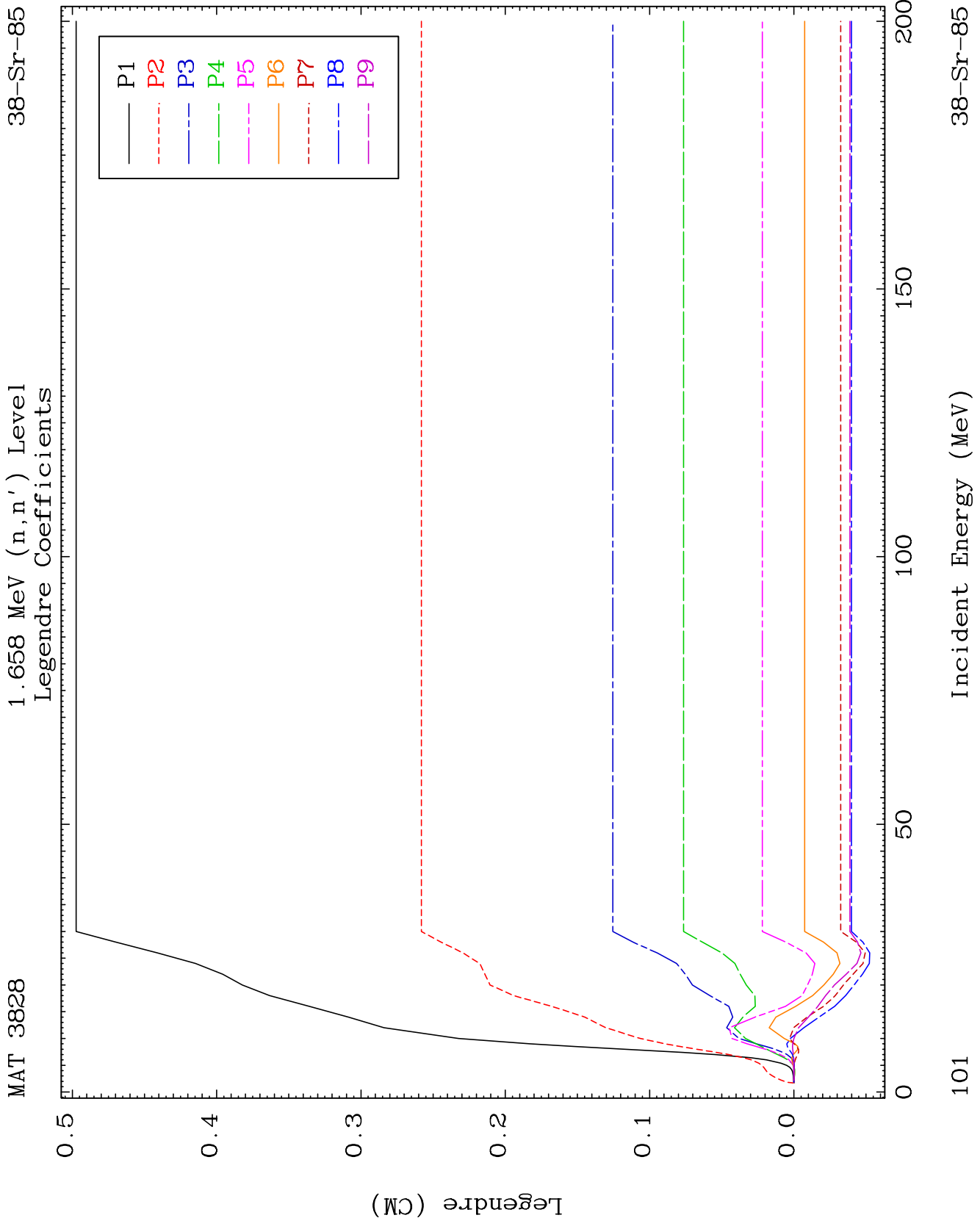
1.627 MeV (n,n') Level
Legendre Coefficients

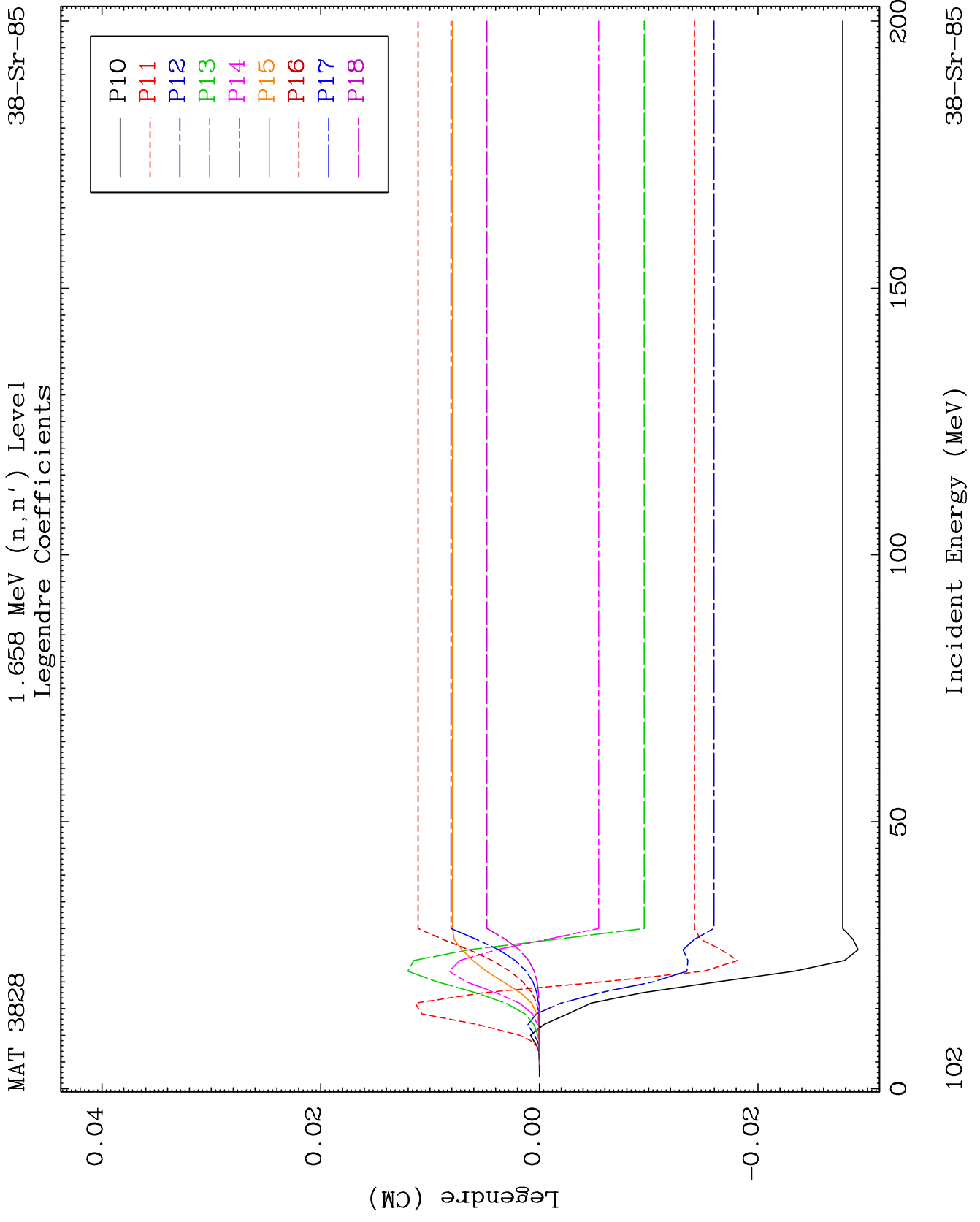
38-Sr-85







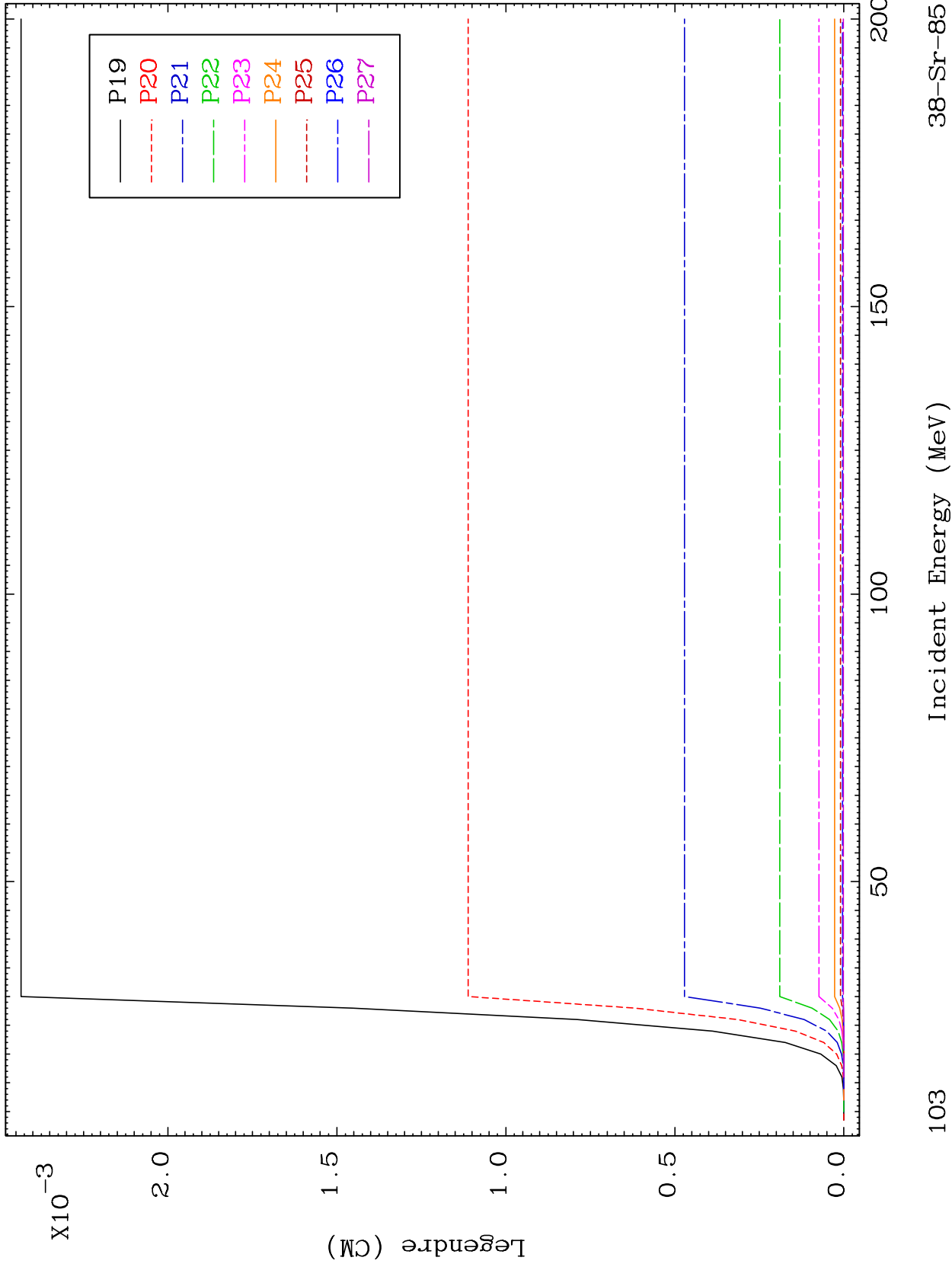




MAT 3828

1.658 MeV (n,n') Level
Legendre Coefficients

38-Sr-85

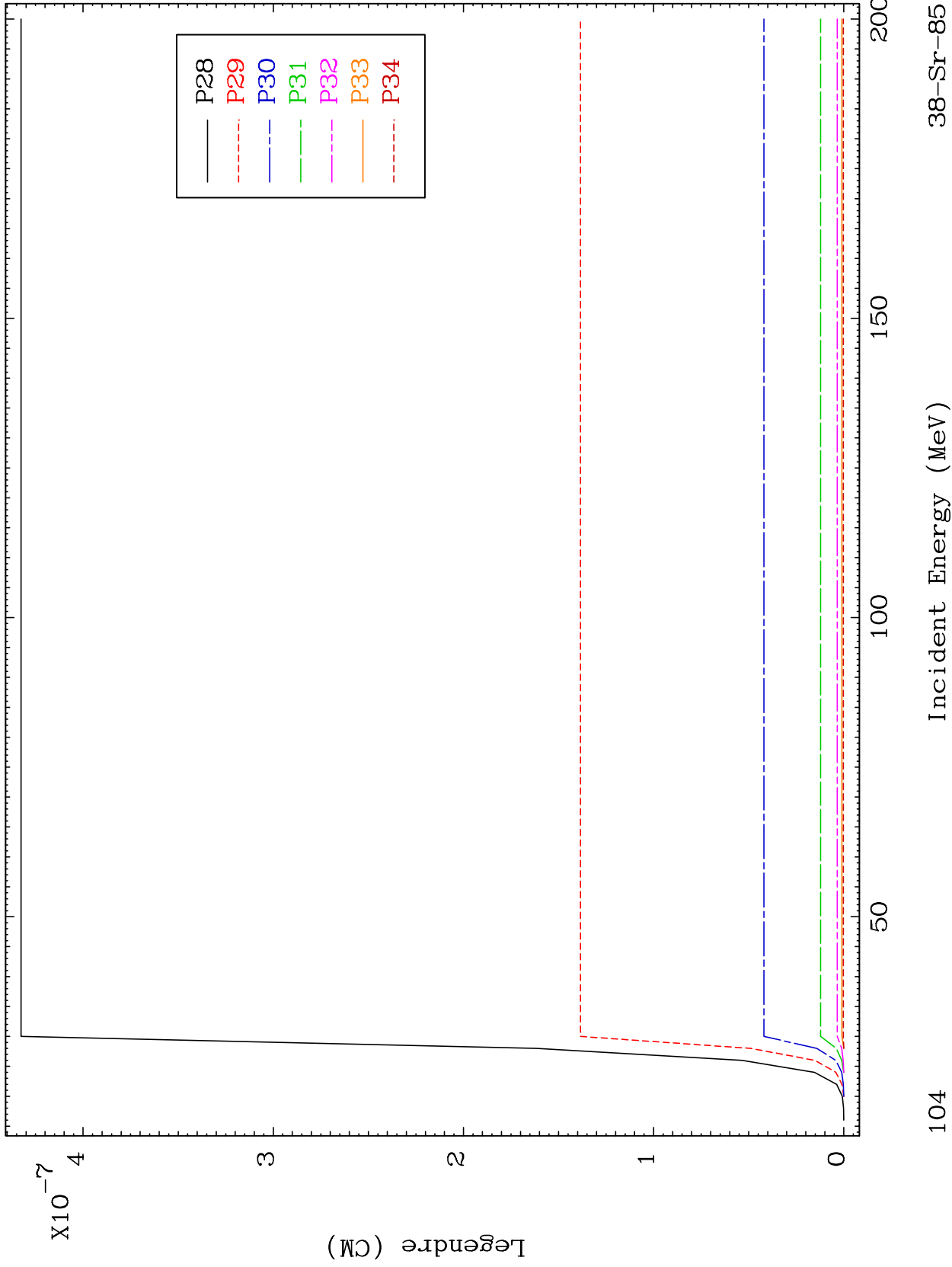


103

MAT 3828

1.658 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



104

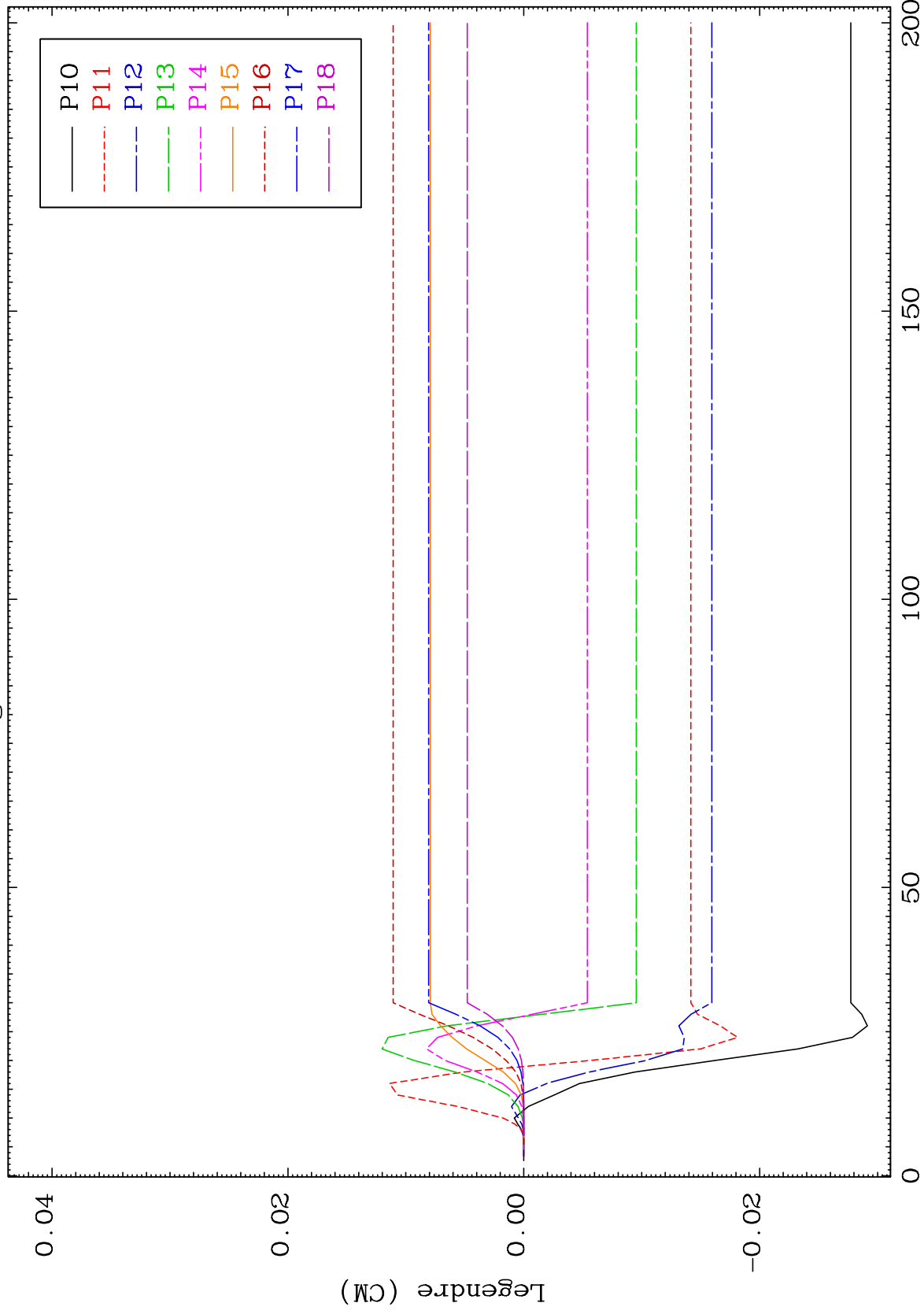
Incident Energy (MeV)

38-Sr-85

MAT 3828

1.684 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



106

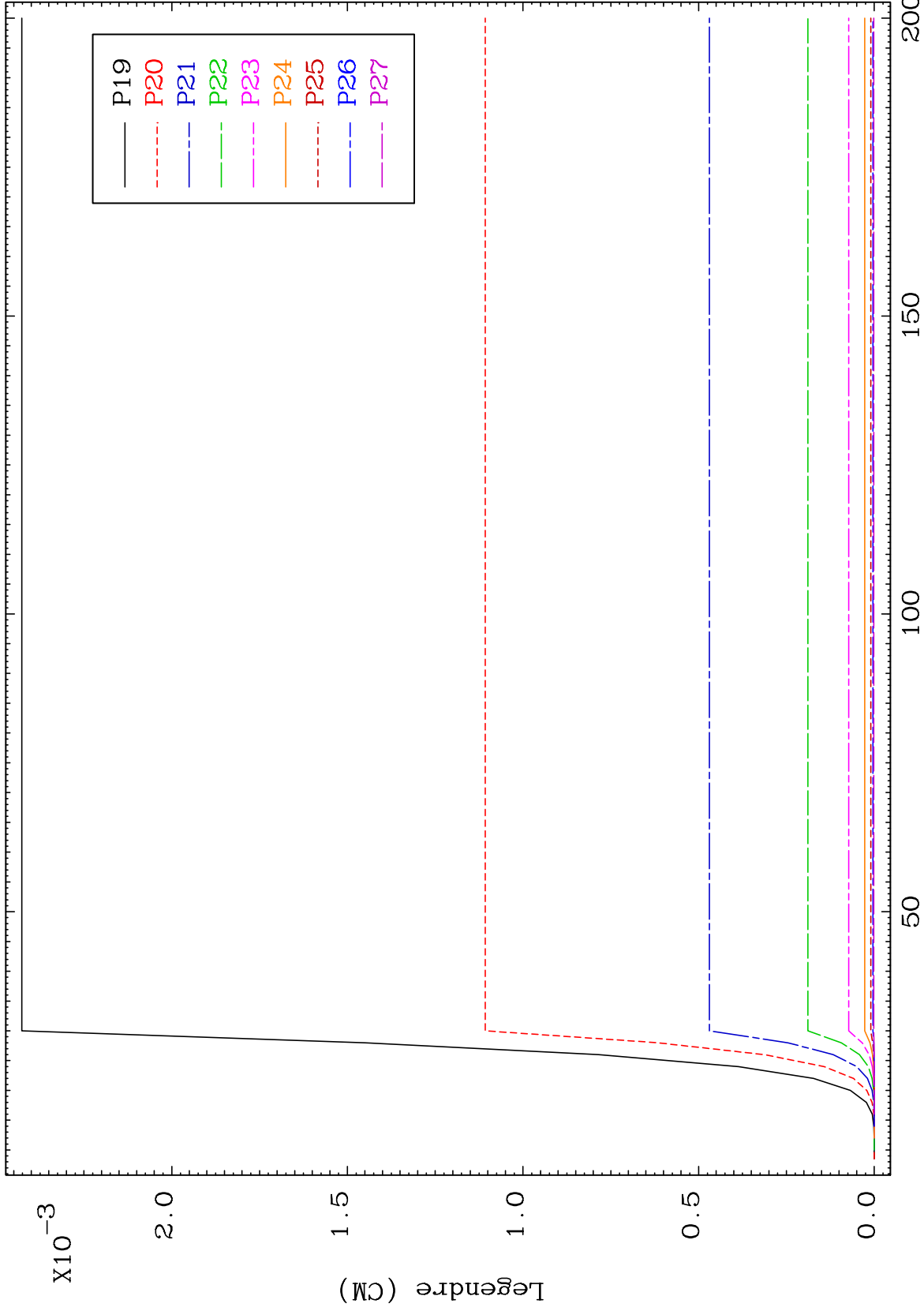
Incident Energy (MeV)

38-Sr-85

MAT 3828

1.684 MeV (n,n') Level
Legendre Coefficients

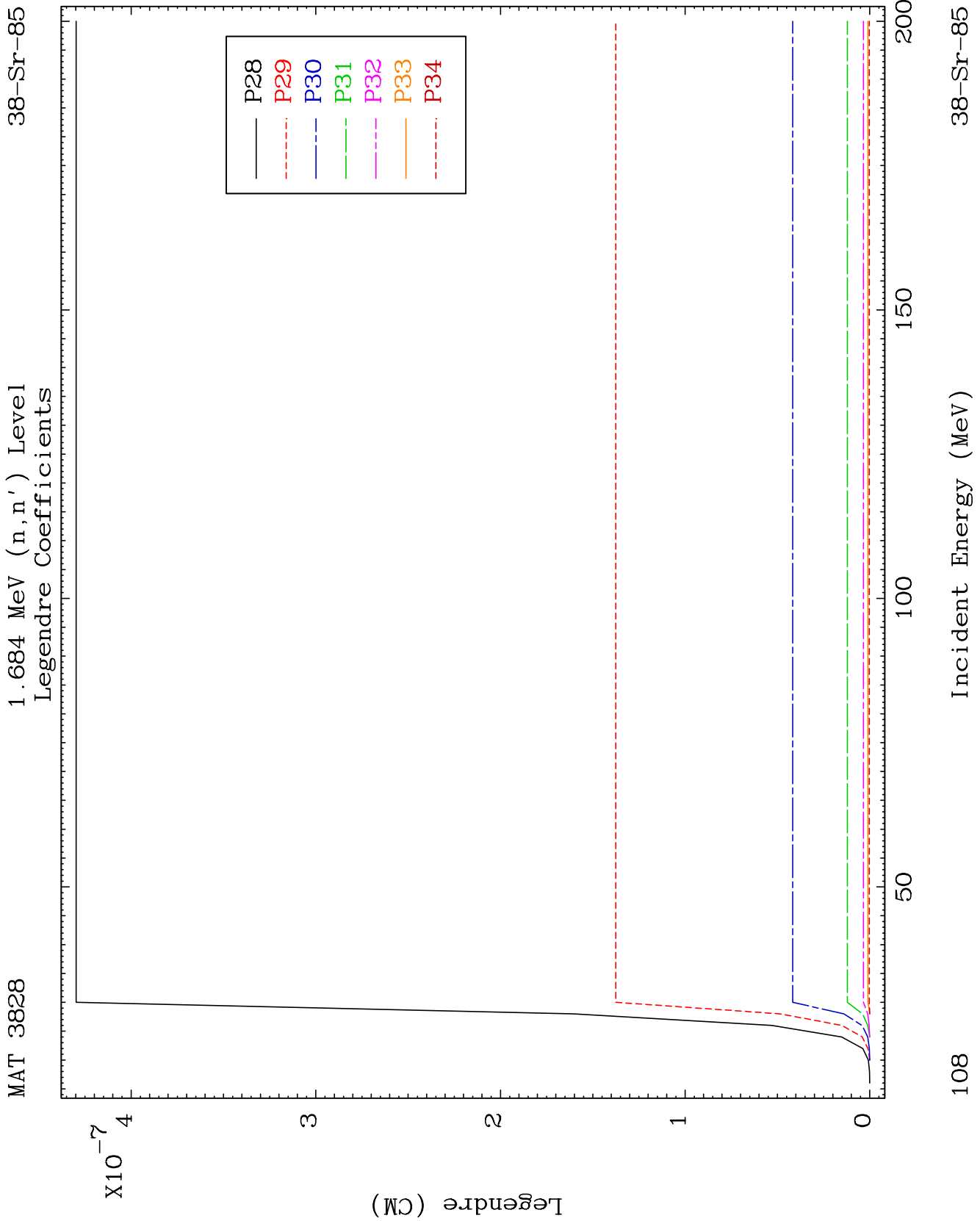
38-Sr-85



107

Incident Energy (MeV)

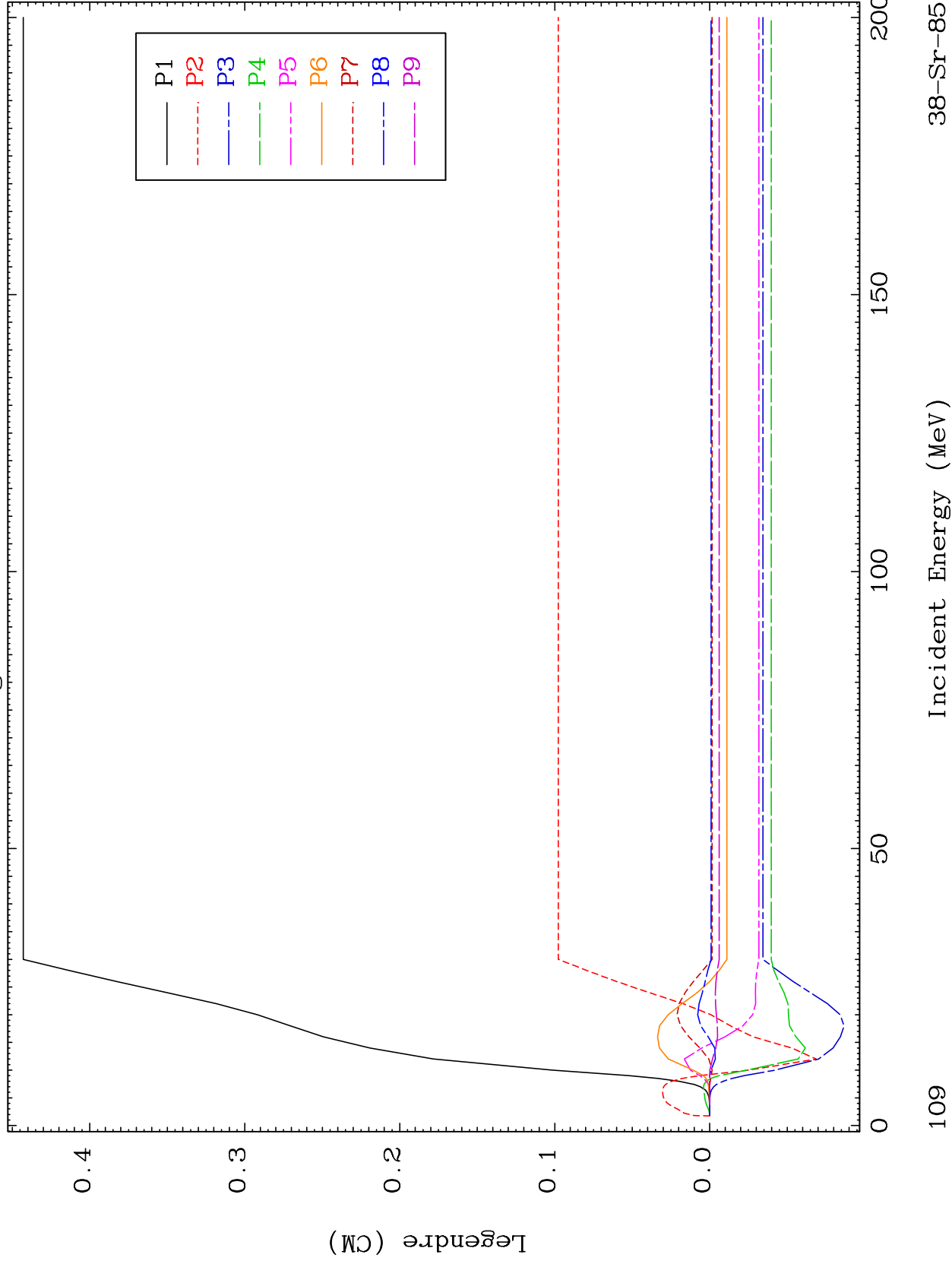
38-Sr-85



MAT 3828

1.701 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

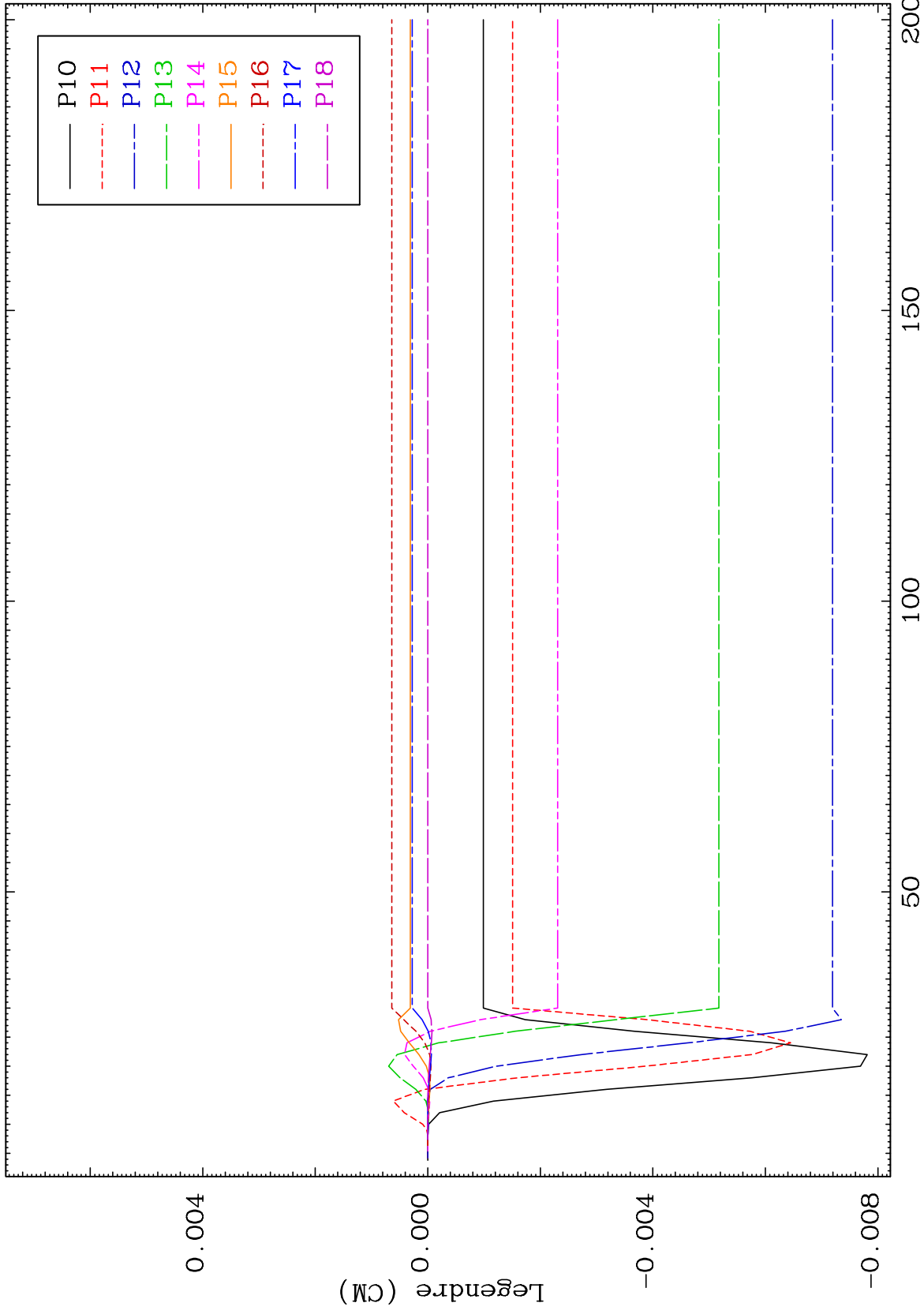
Incident Energy (MeV)

109

MAT 3828

1.701 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



110

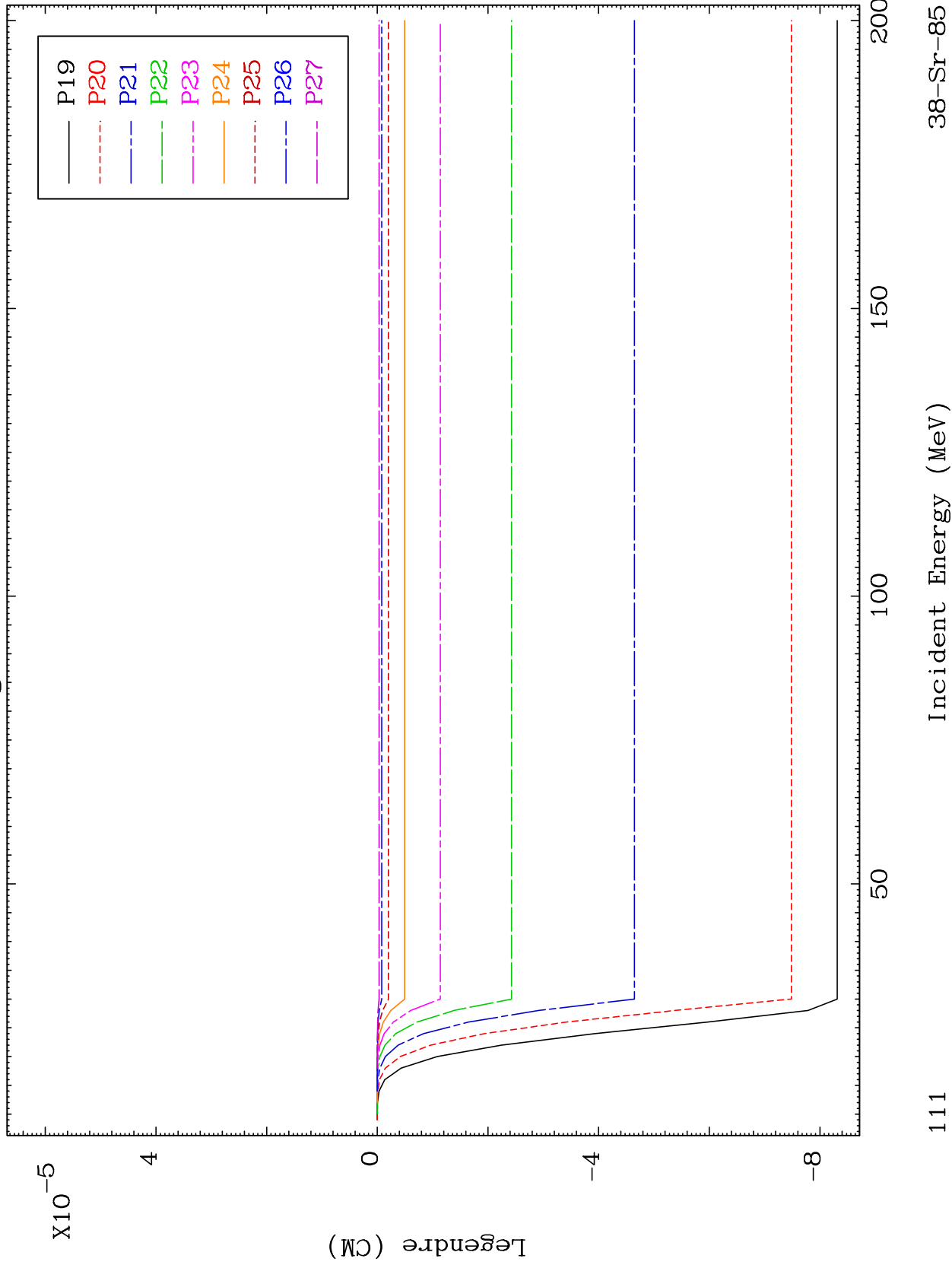
Incident Energy (MeV)

38-Sr-85

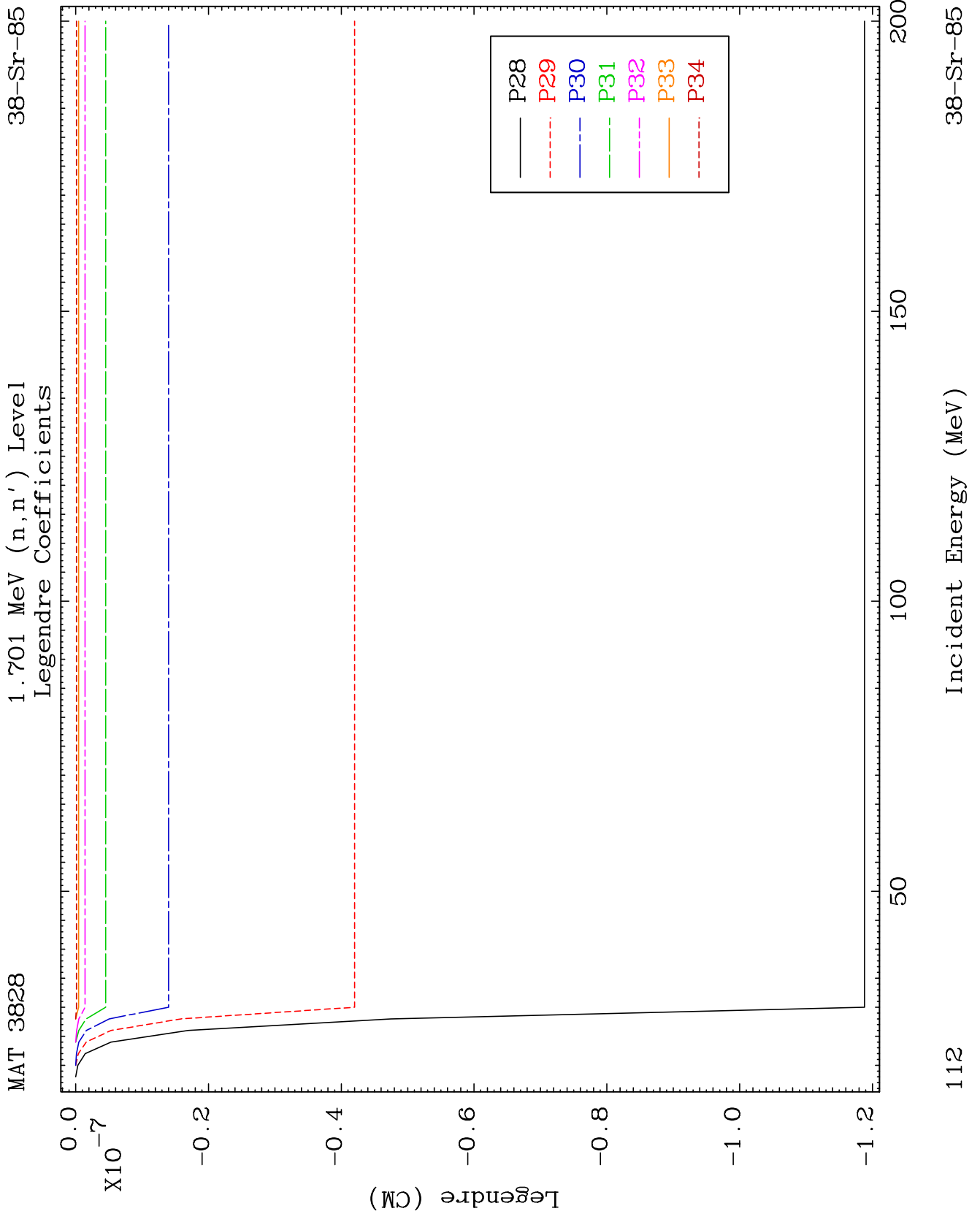
MAT 3828

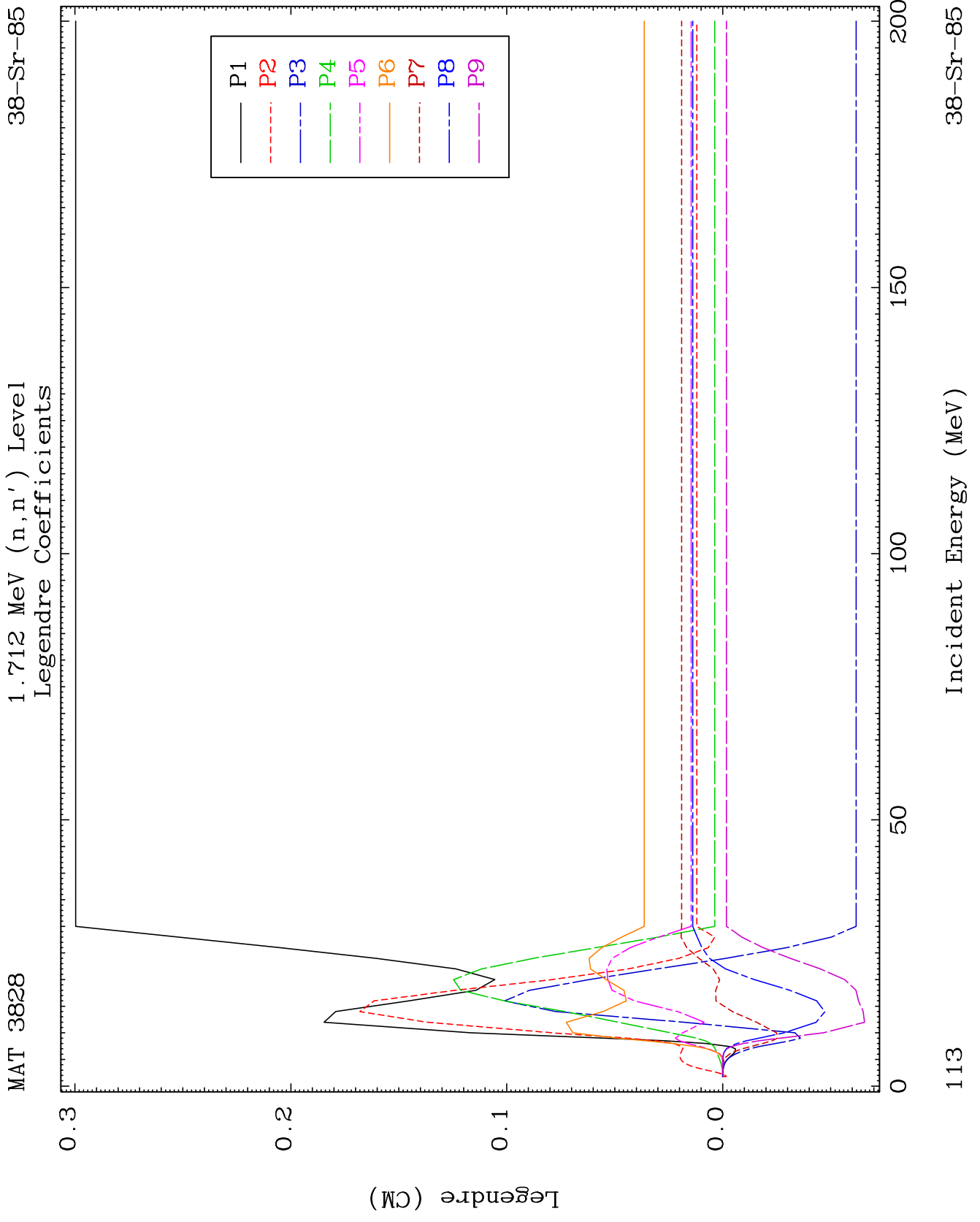
1.701 MeV (n,n') Level
Legendre Coefficients

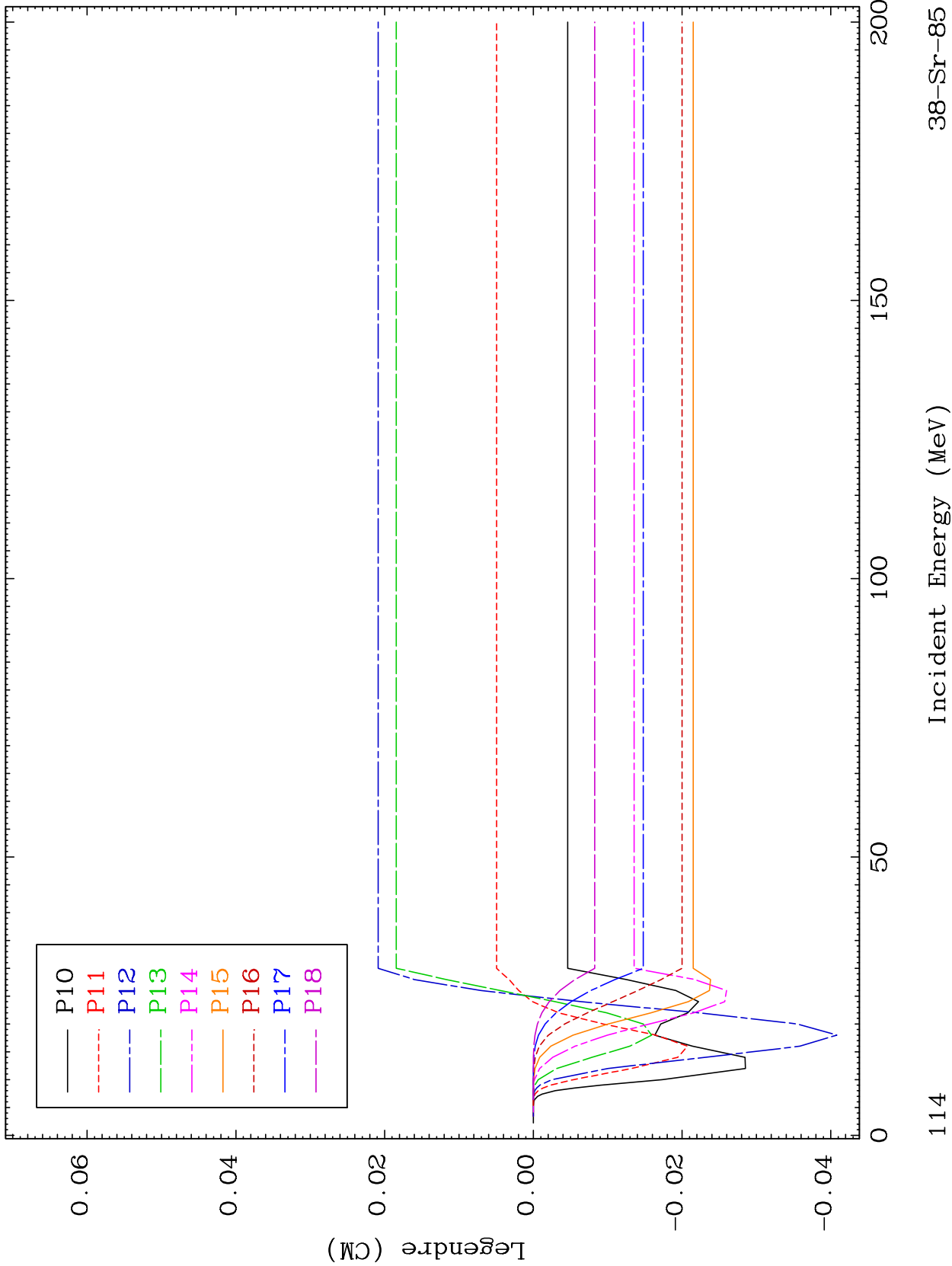
38-Sr-85

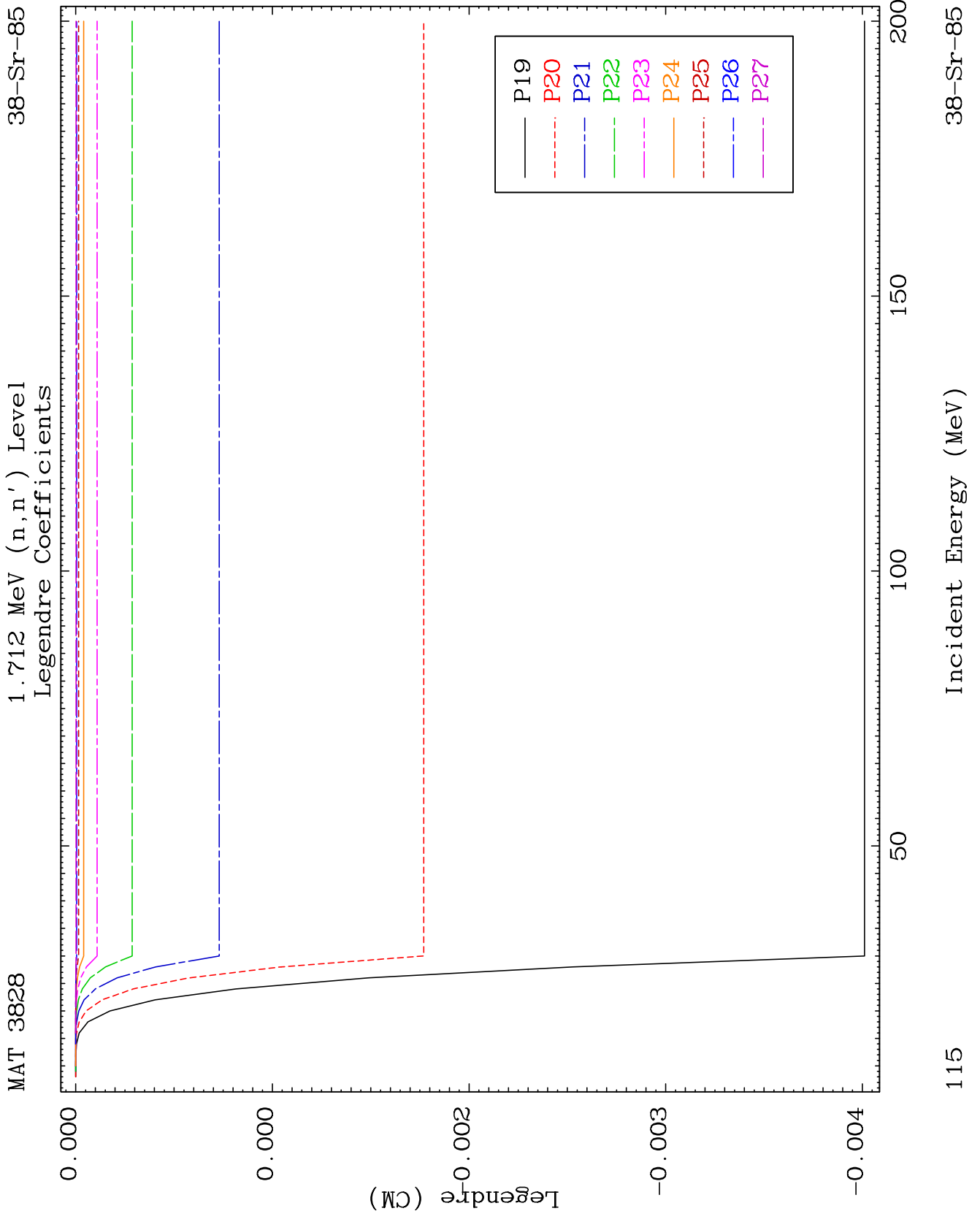


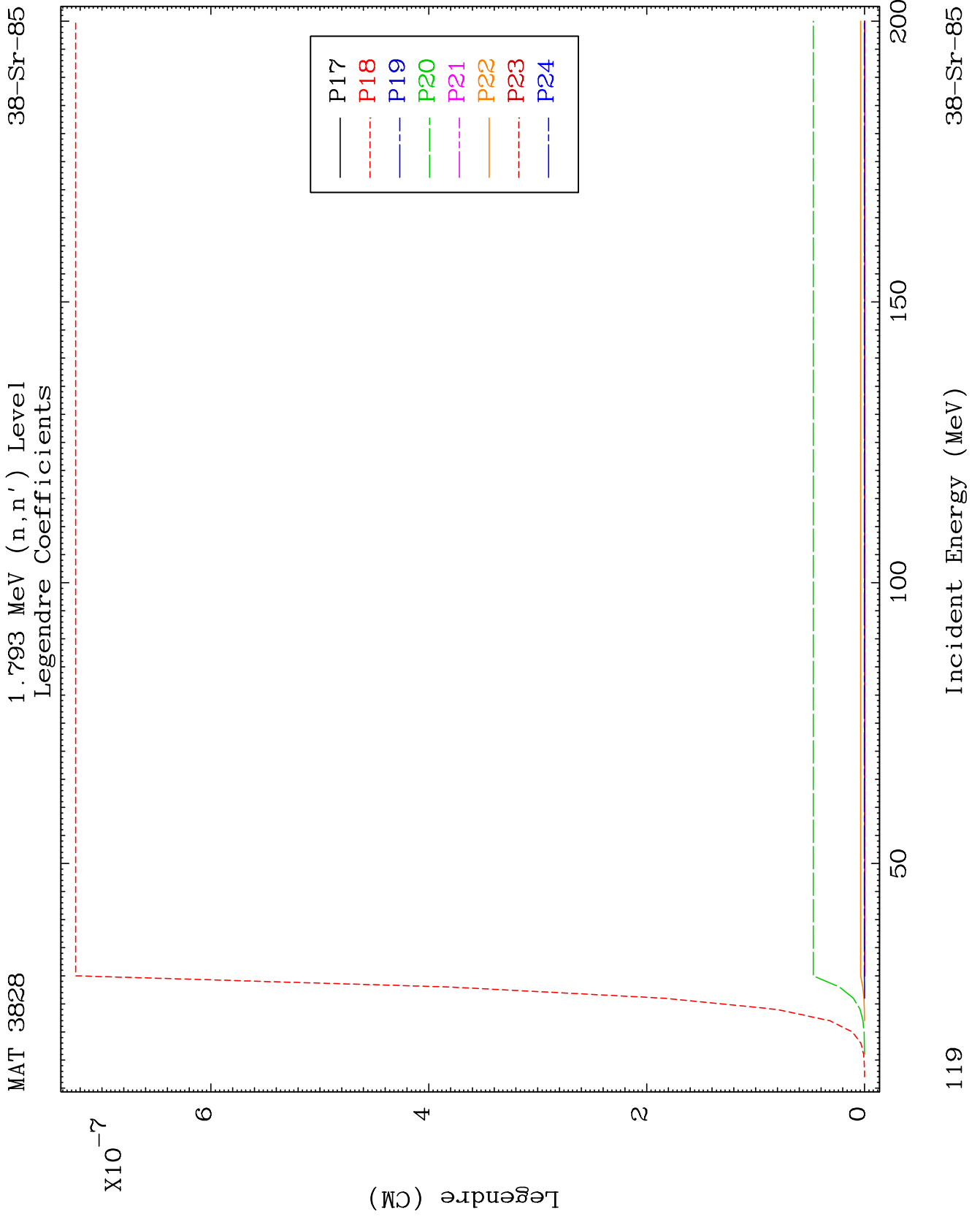
111

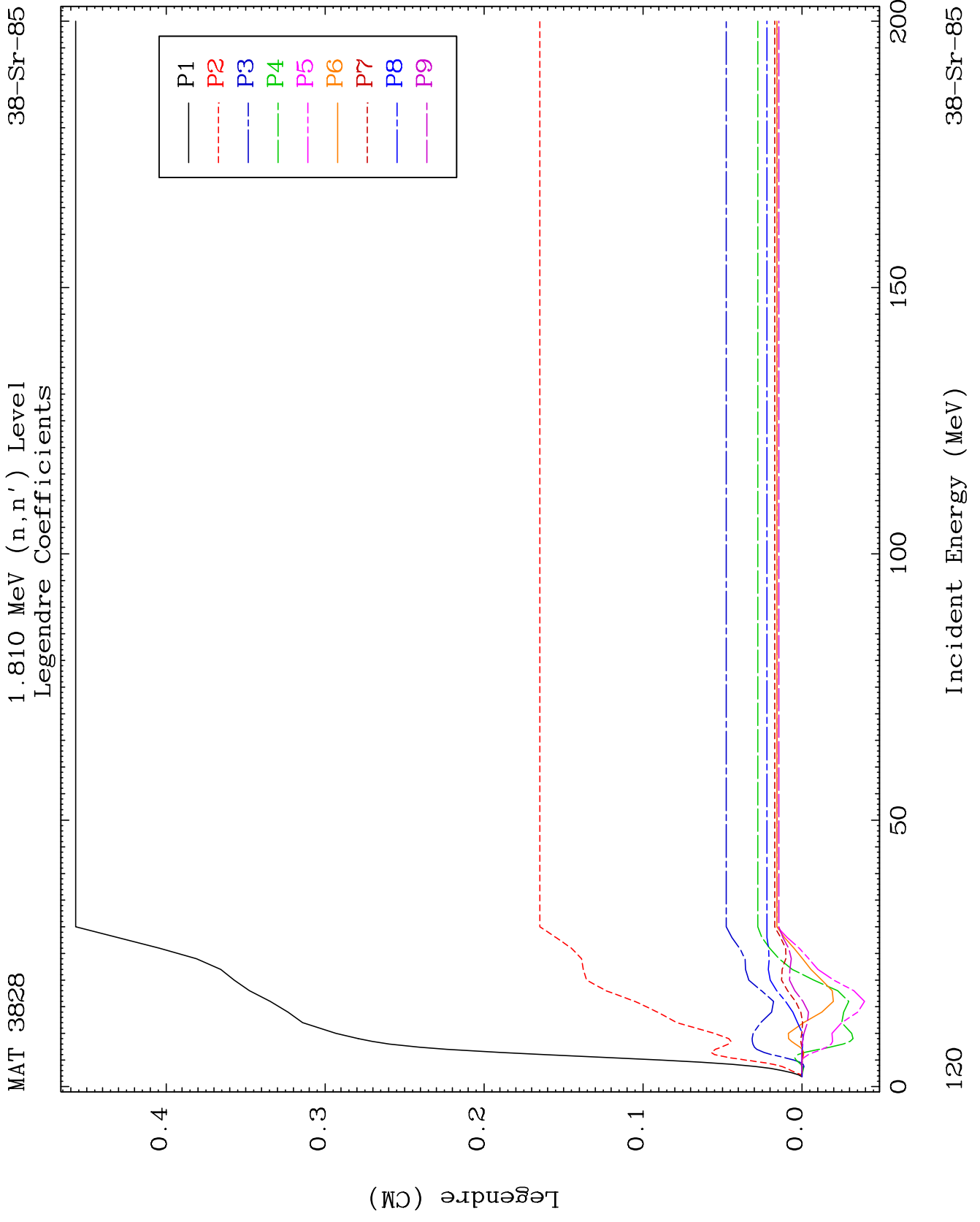








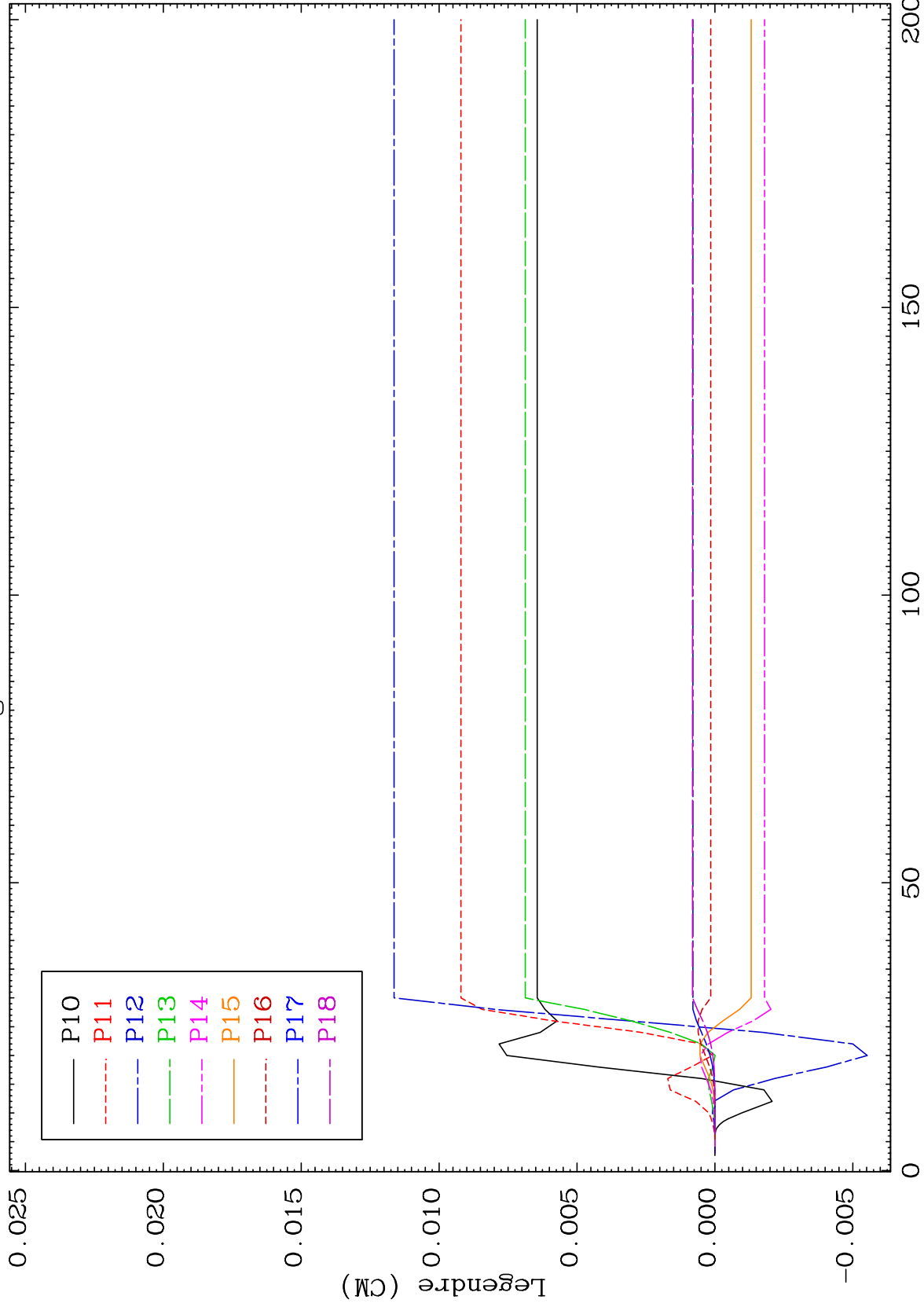




MAT 3828

1.810 MeV (n,n') Level
Legendre Coefficients

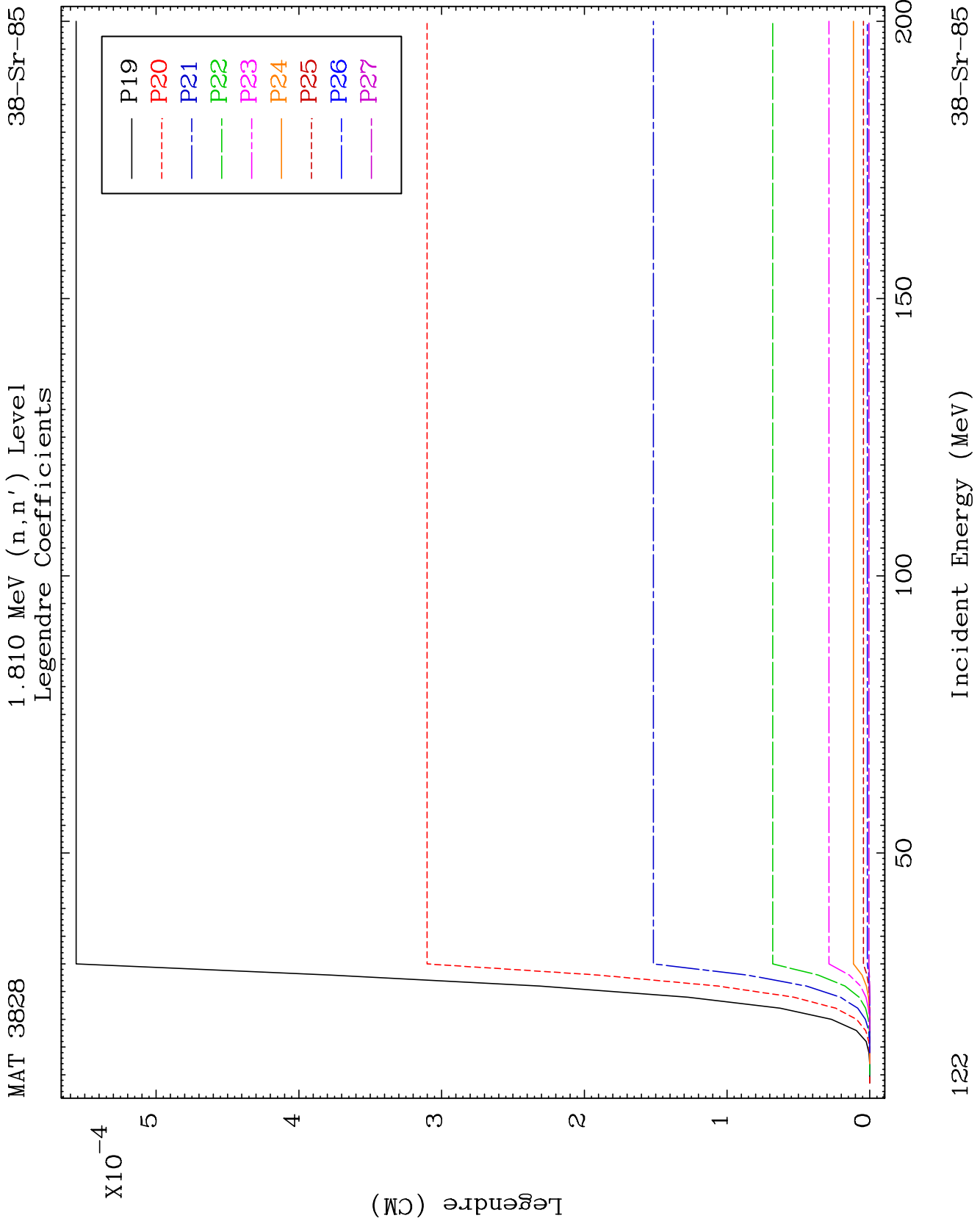
38-Sr-85

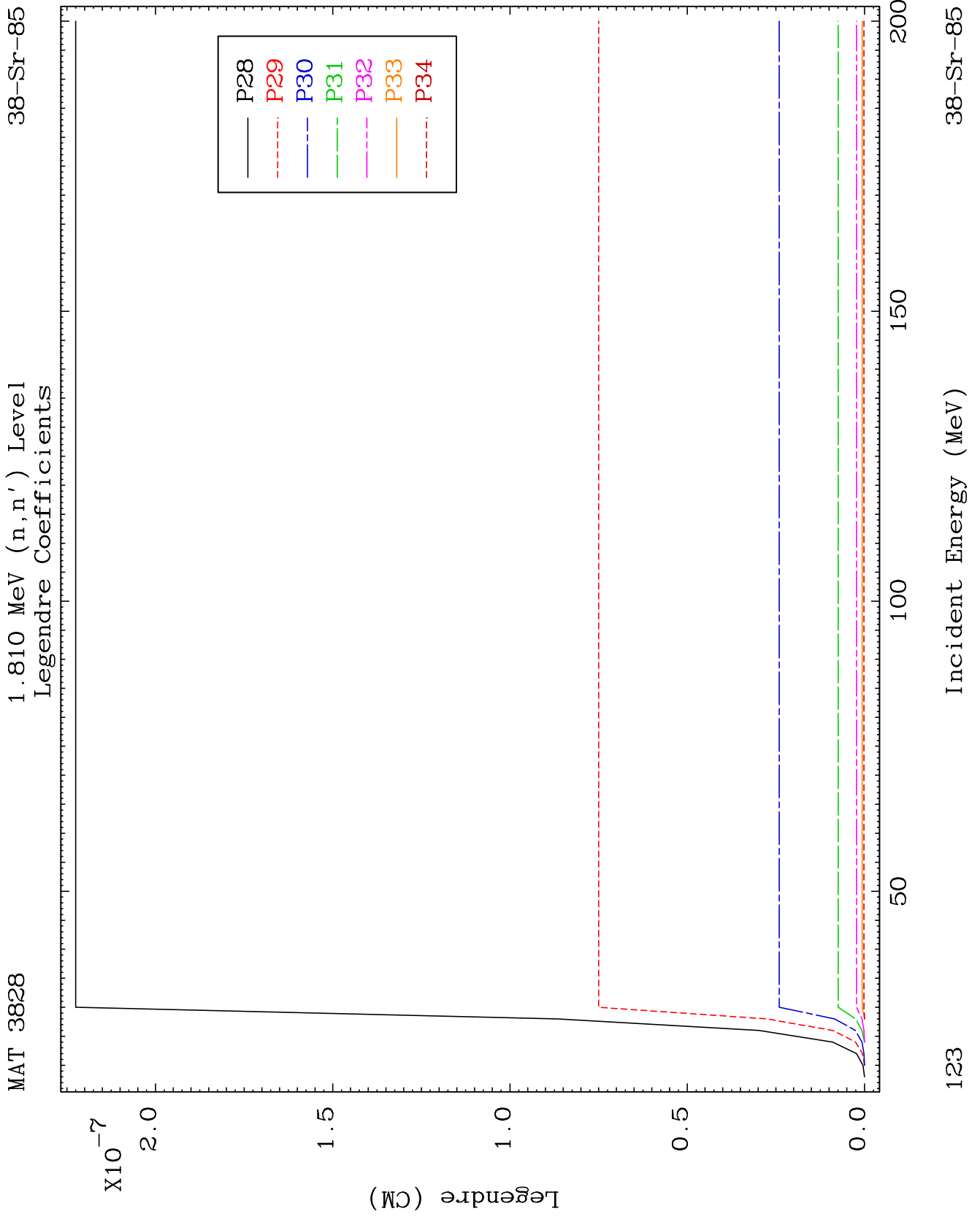


121

Incident Energy (MeV)

38-Sr-85

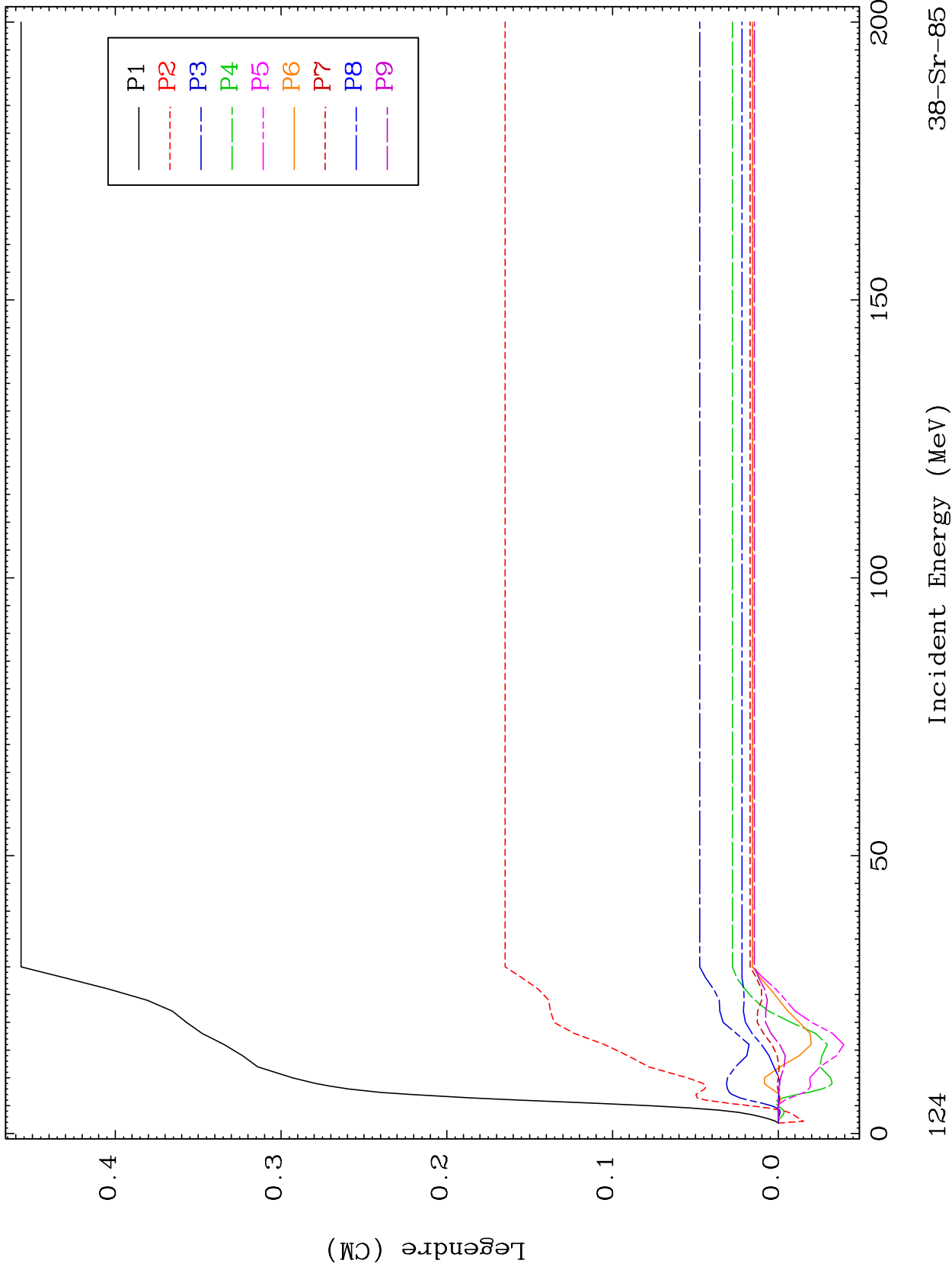




MAT 3828

1.827 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



38-Sr-85

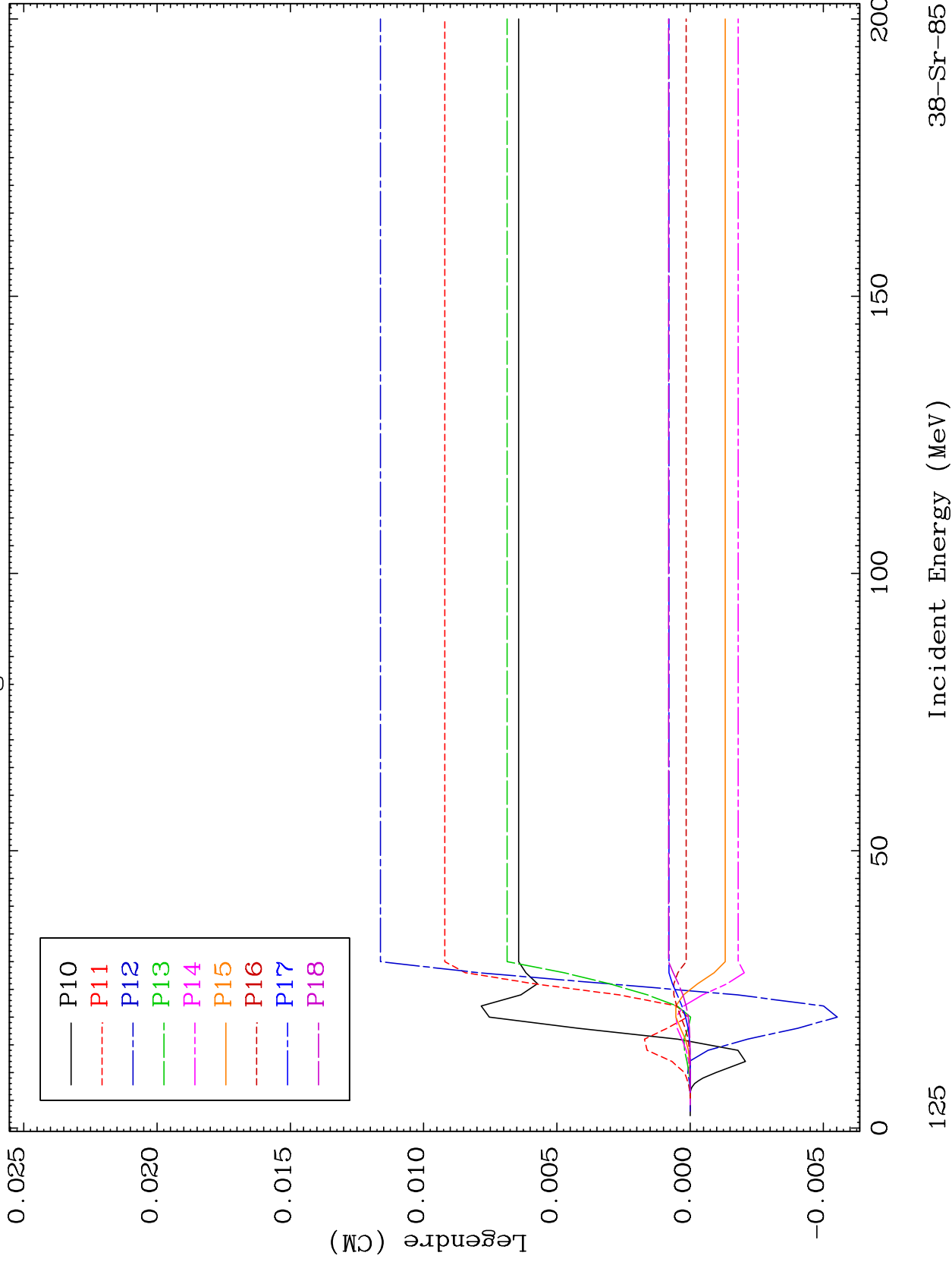
Incident Energy (MeV)

124

MAT 3828

1.827 MeV (n,n') Level
Legendre Coefficients

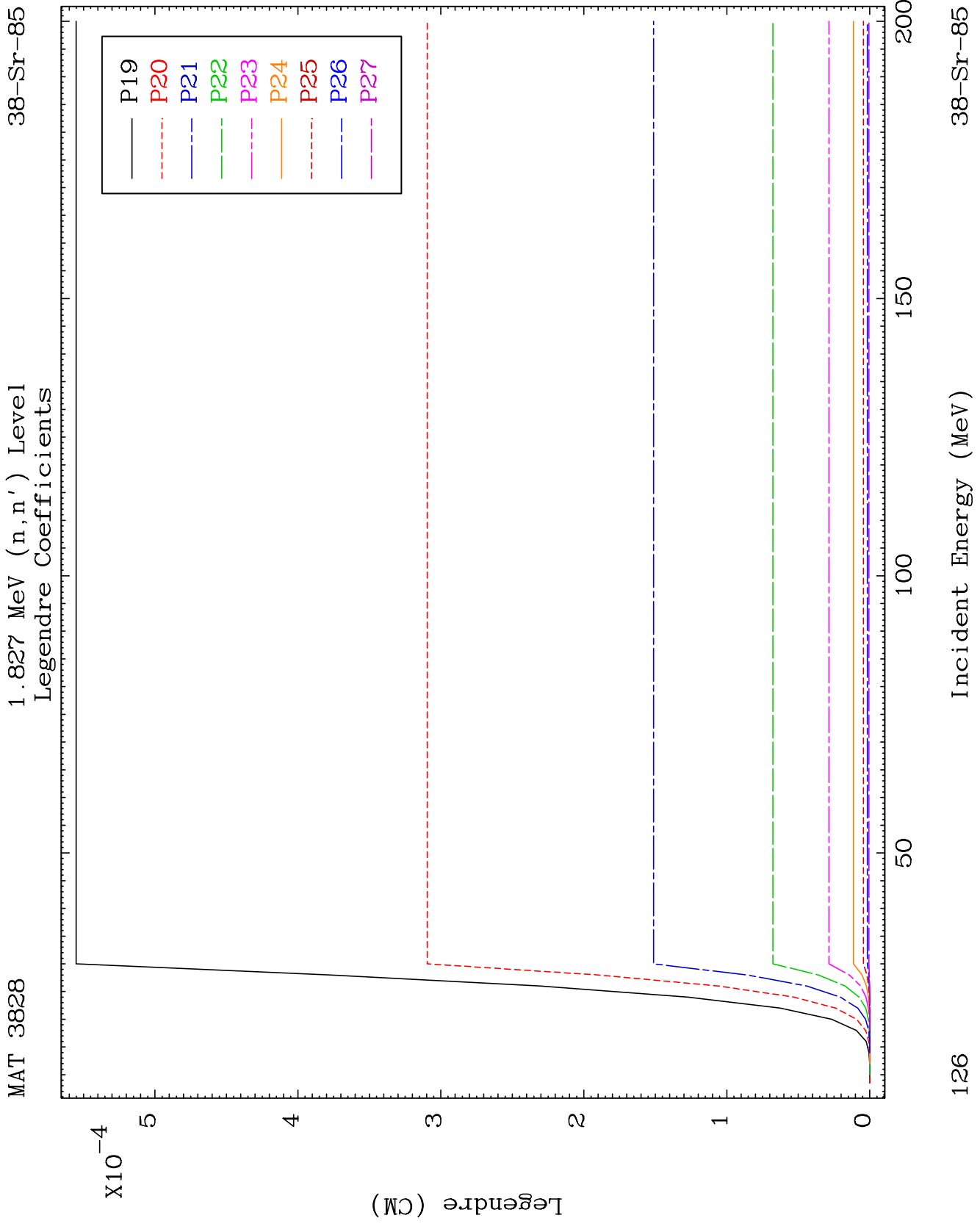
38-Sr-85



125

Incident Energy (MeV)

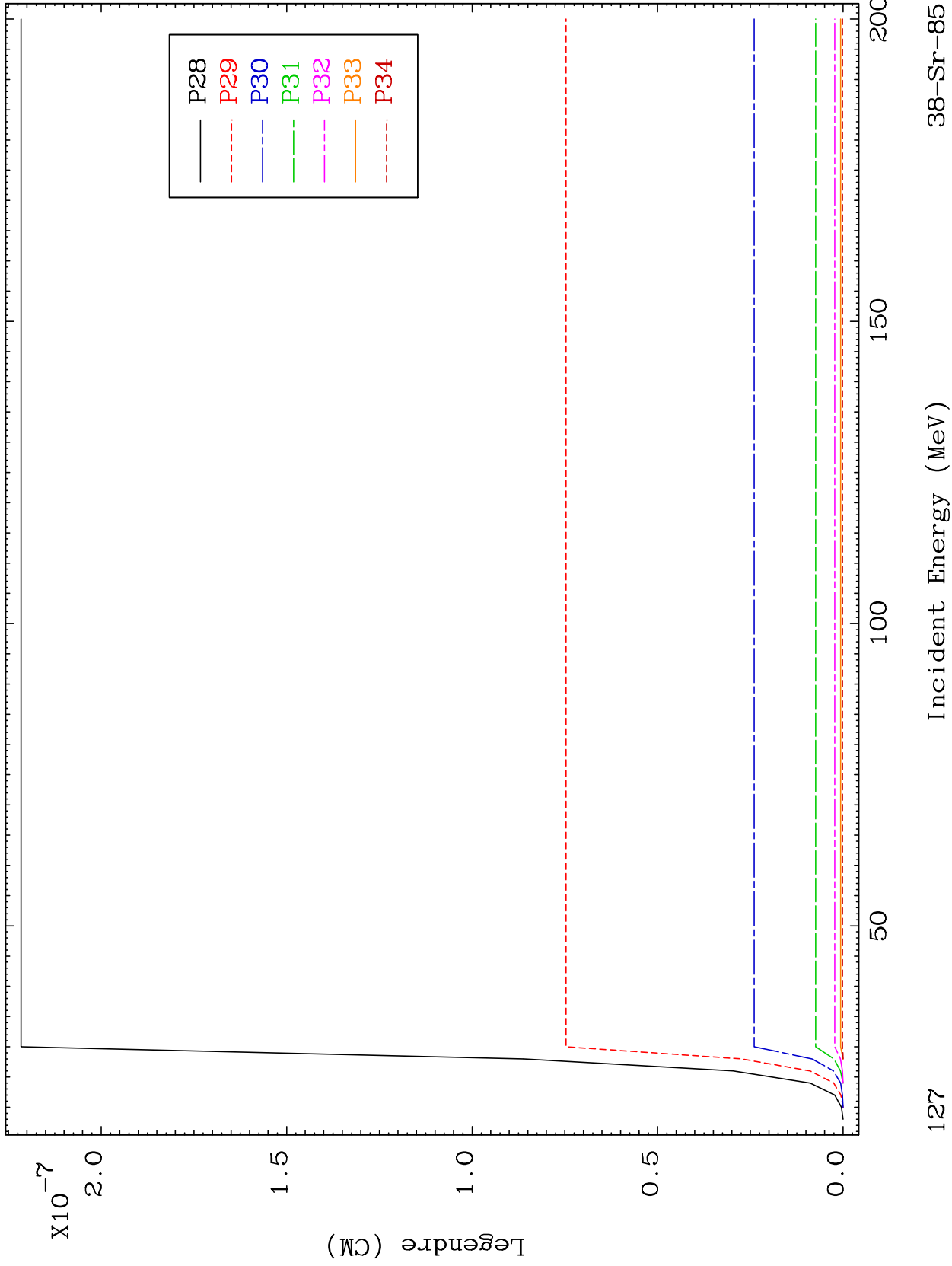
38-Sr-85



MAT 3828

1.827 MeV (n,n') Level
Legendre Coefficients

38-Sr-85



127

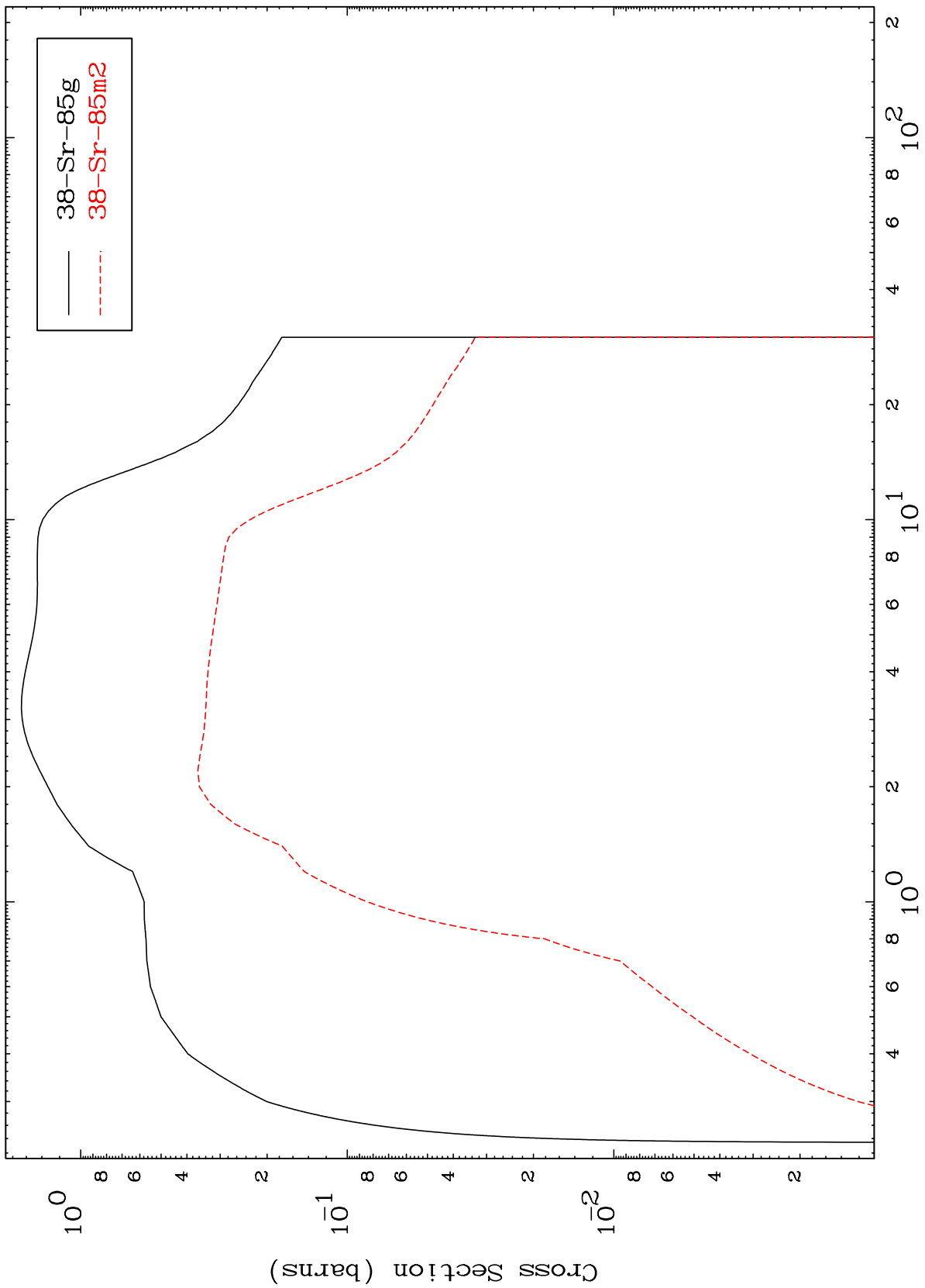
Incident Energy (MeV)

38-Sr-85

MAT 3828

³⁸Sr-85

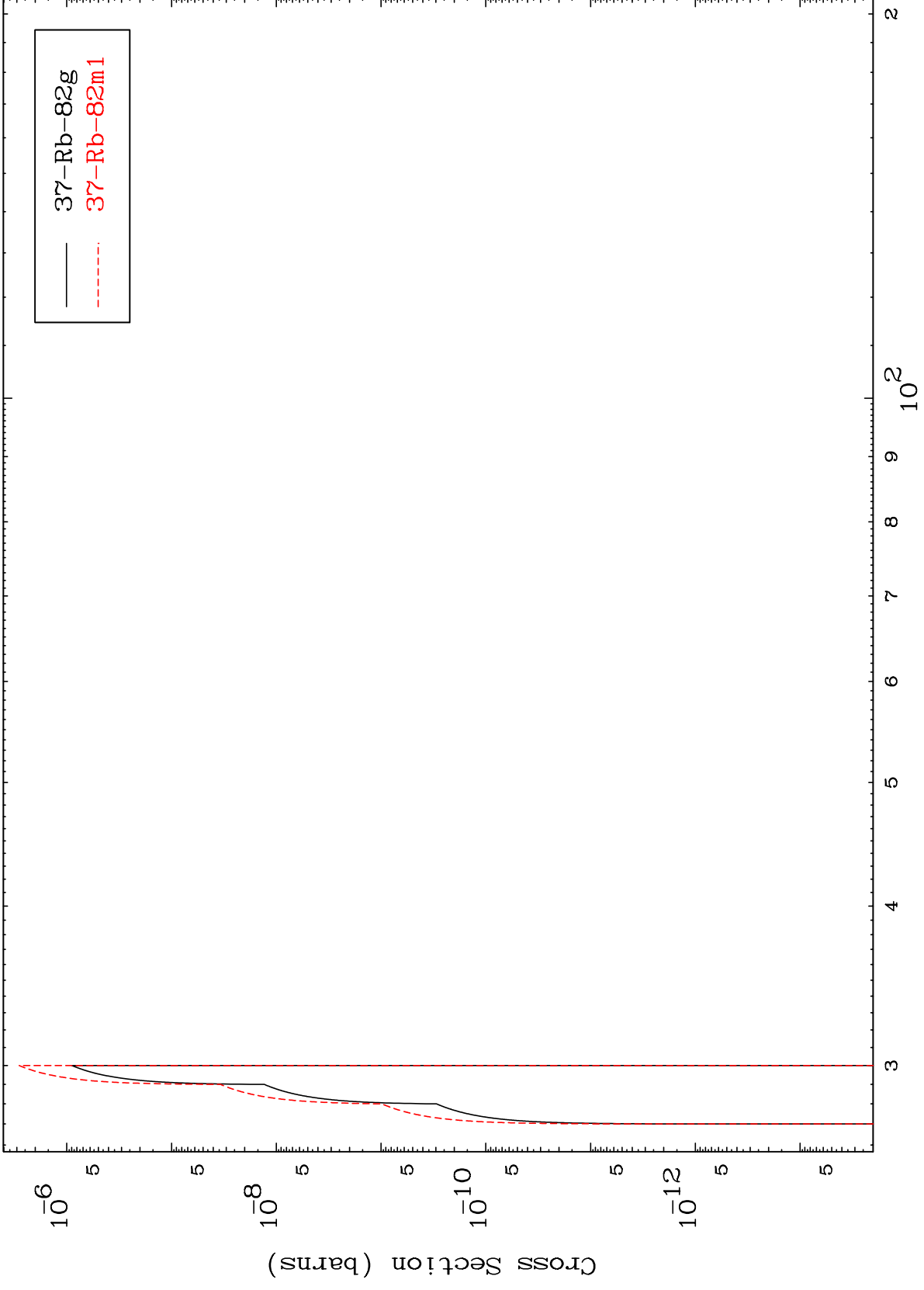
Inelastic
Radionuclide Production Cross Section



128

³⁸Sr-85

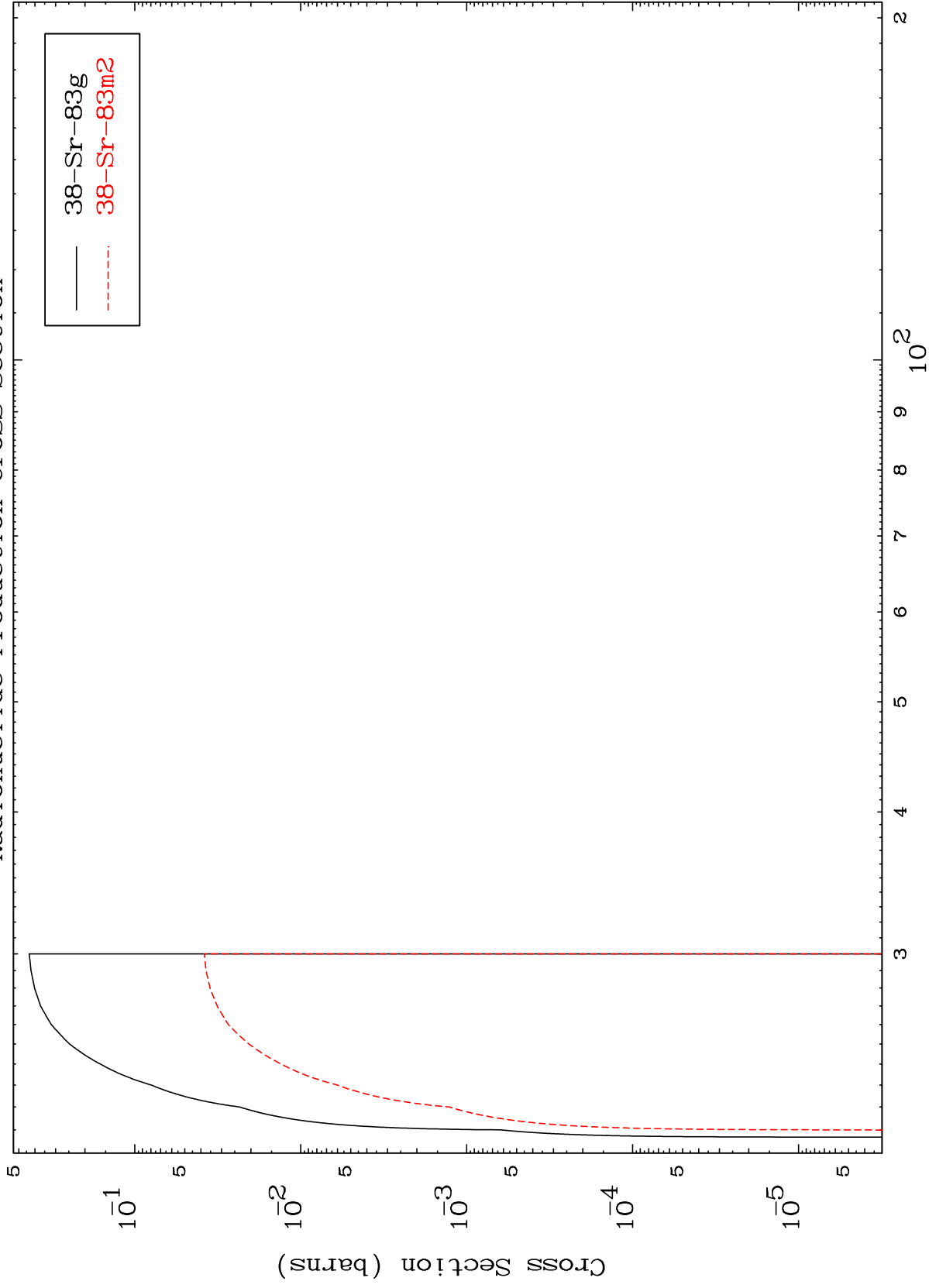
Radionuclide Production Cross Section



MAT 3828

³⁸Sr-85

(n,3n)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

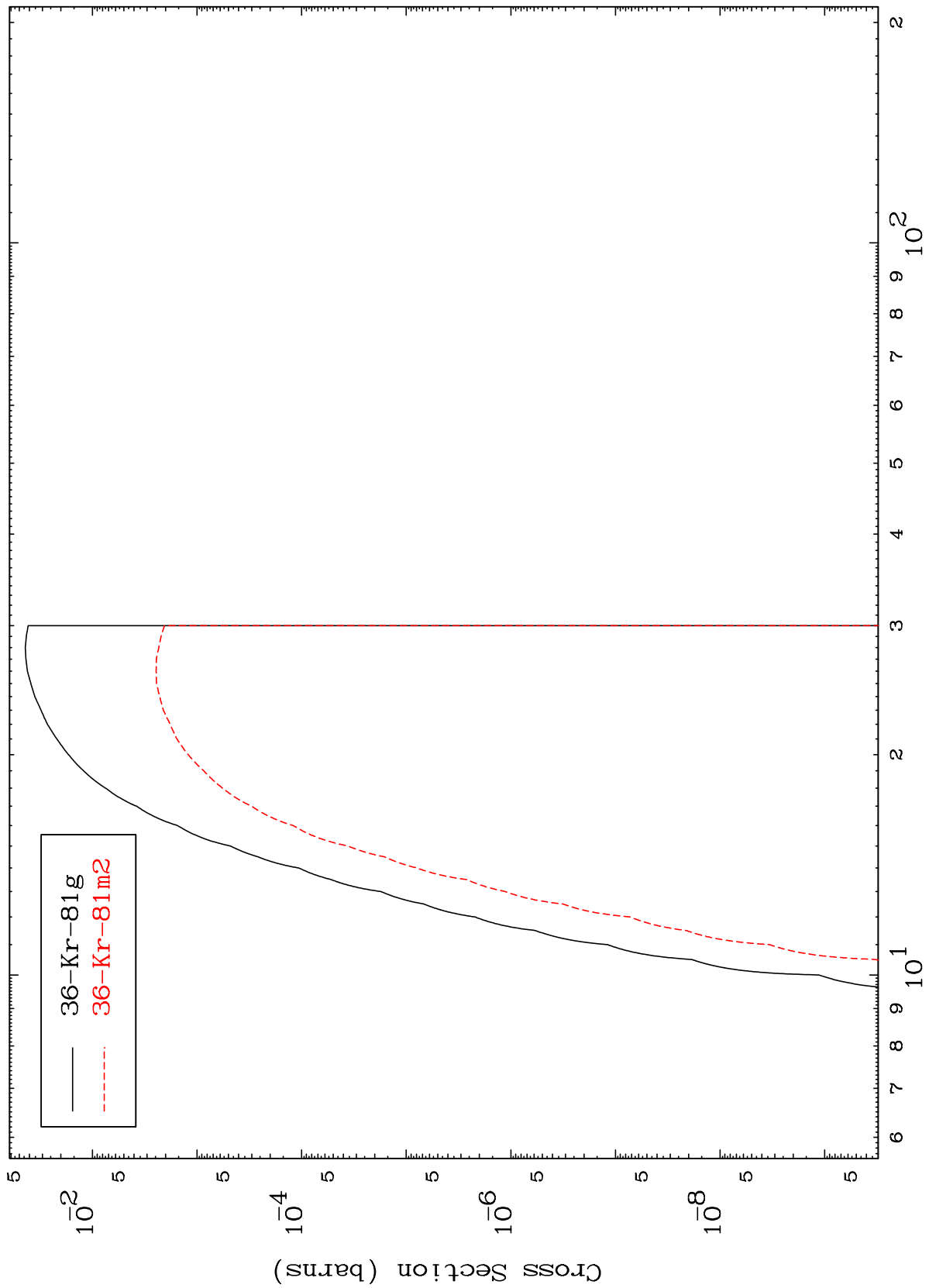
³⁸Sr-85

MAT 3828

(n, n') α

38-Sr-85

Radionuclide Production Cross Section



131

Incident Energy (MeV)

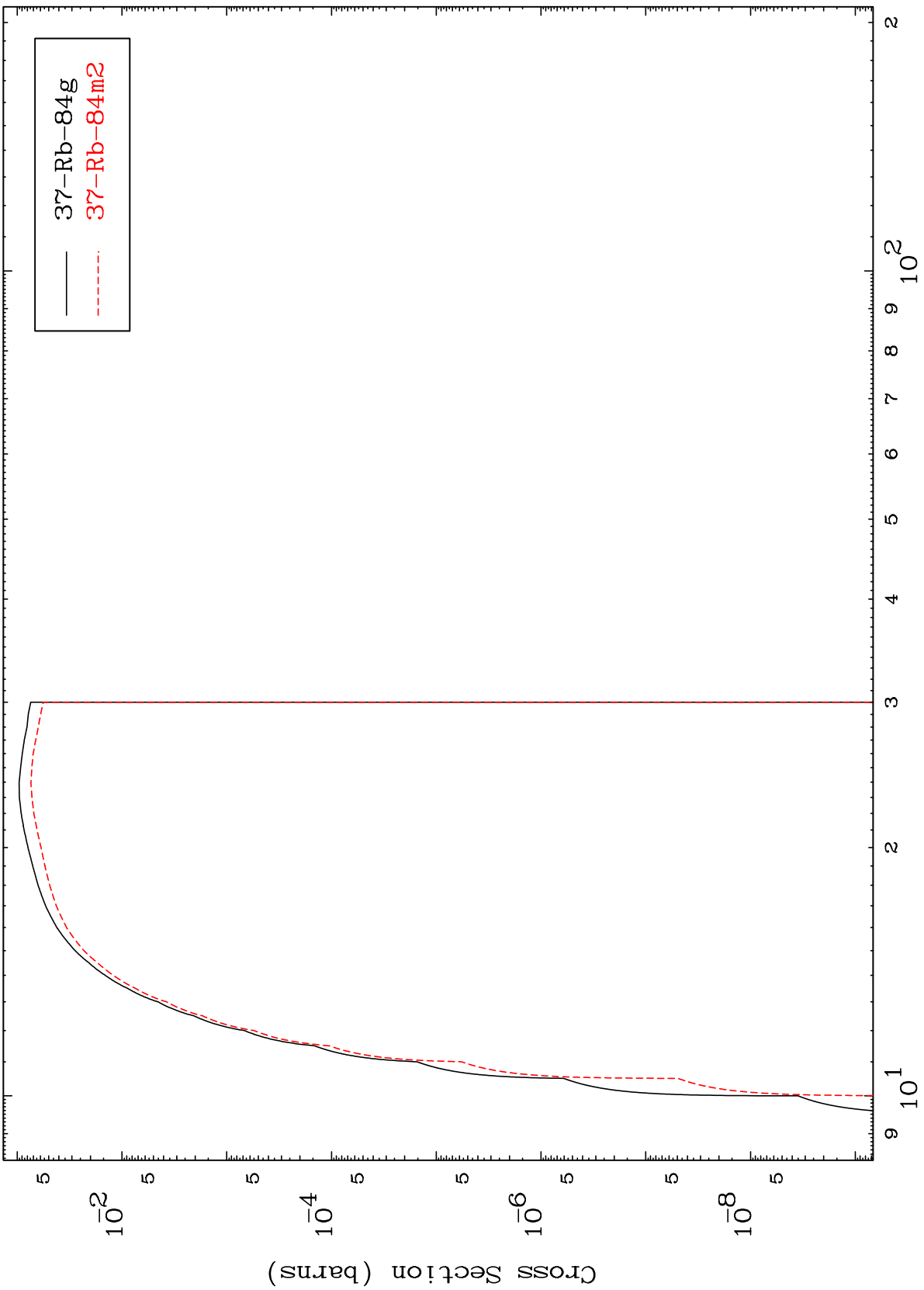
38-Sr-85

MAT 3828

(n,n') p

38-Sr-85

Radionuclide Production Cross Section

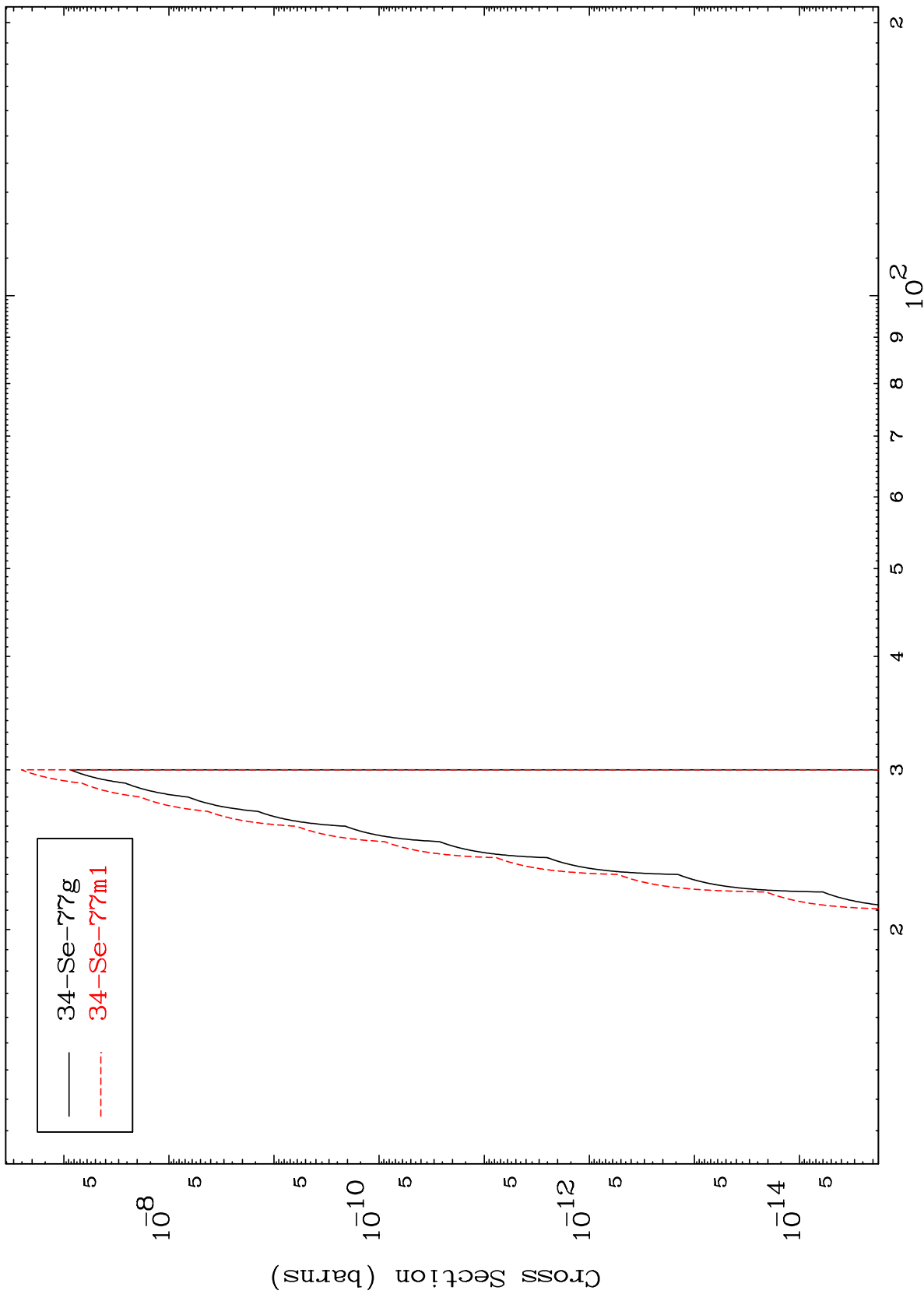


132

Incident Energy (MeV)

38-Sr-85

(n,n') 2α
Radionuclide Production Cross Section

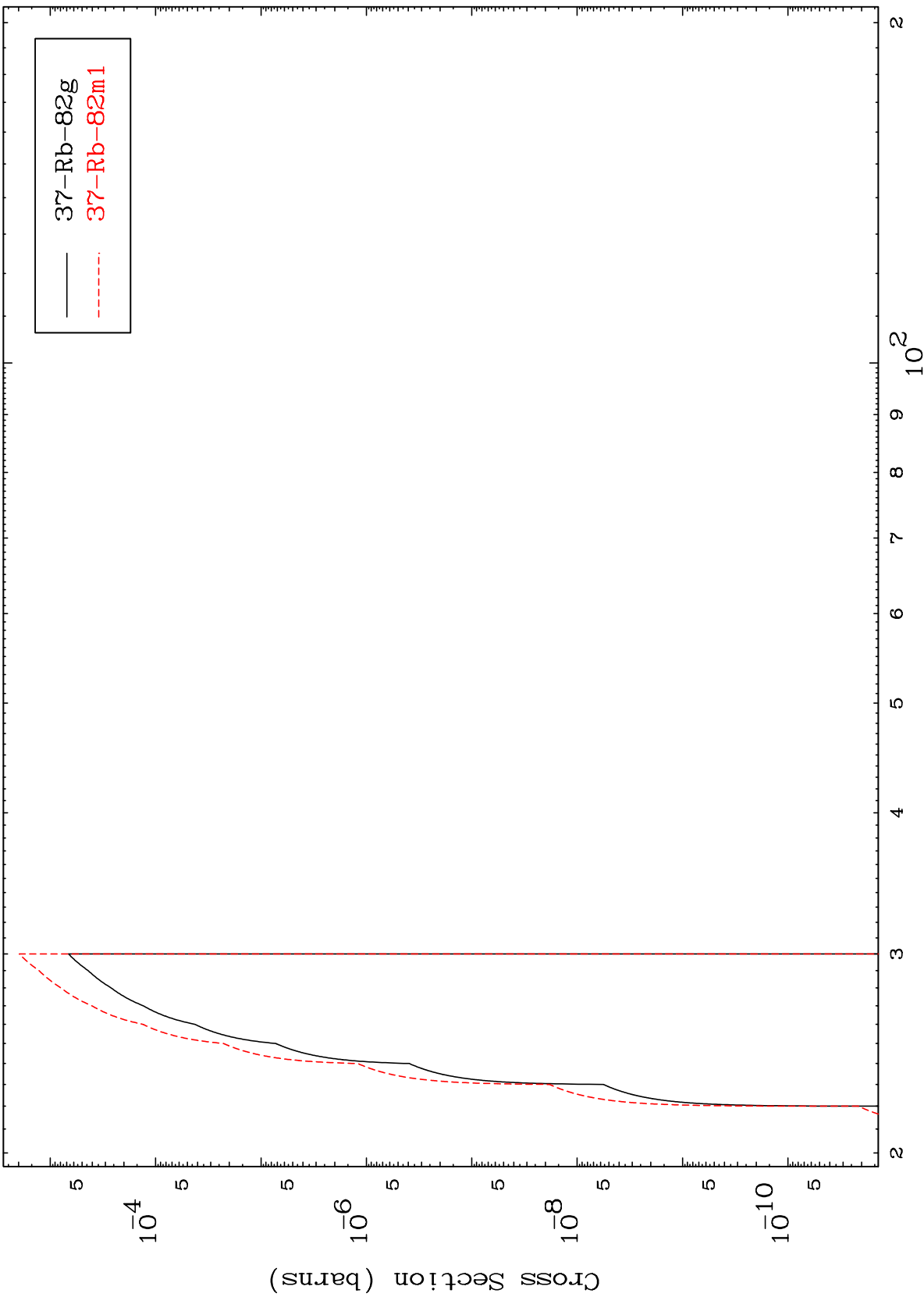


MAT 3828

(n,n') t

38-Sr-85

Radionuclide Production Cross Section



134

Incident Energy (MeV)

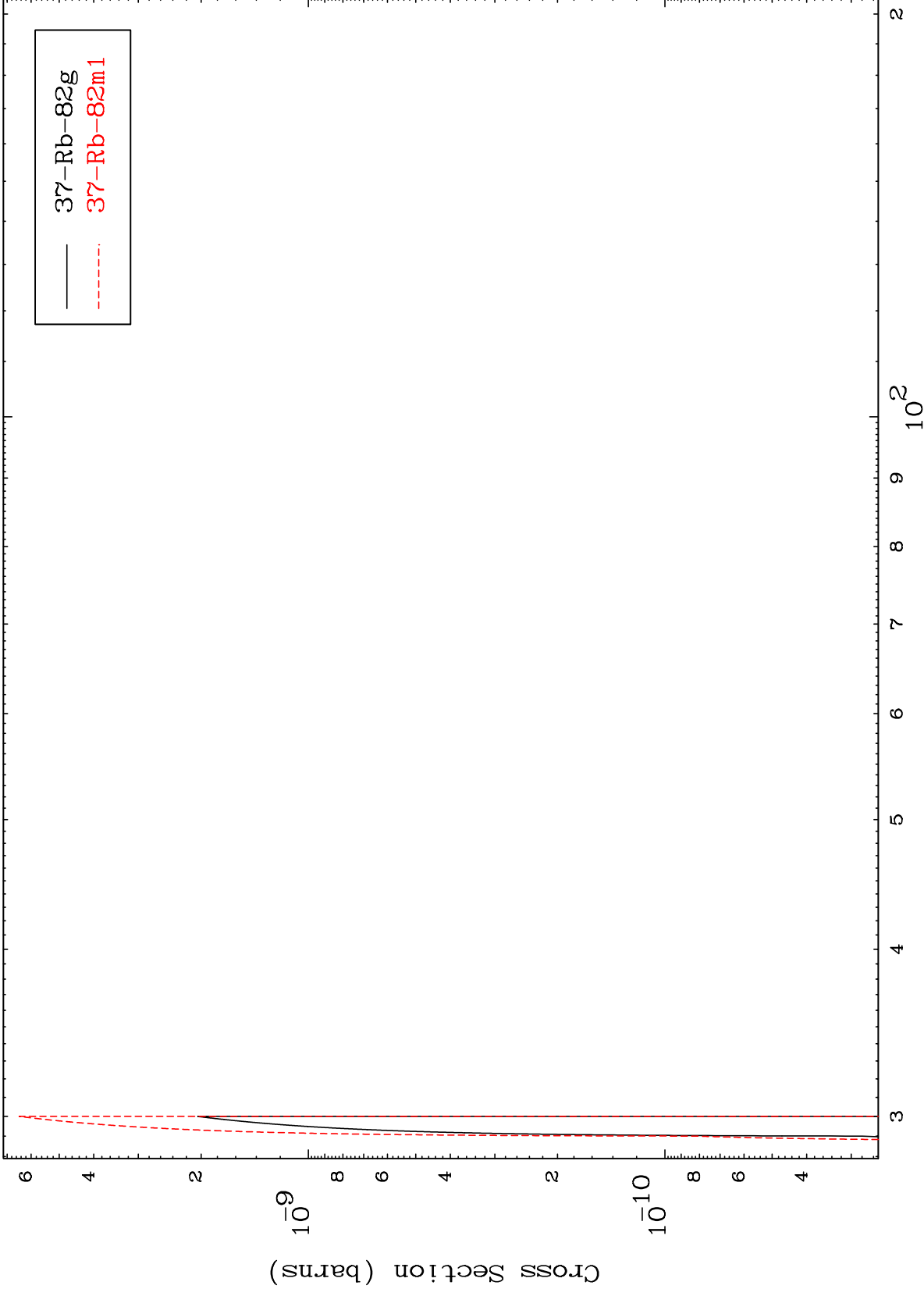
38-Sr-85

MAT 3828

(n,3n) p

38-Sr-85

Radionuclide Production Cross Section

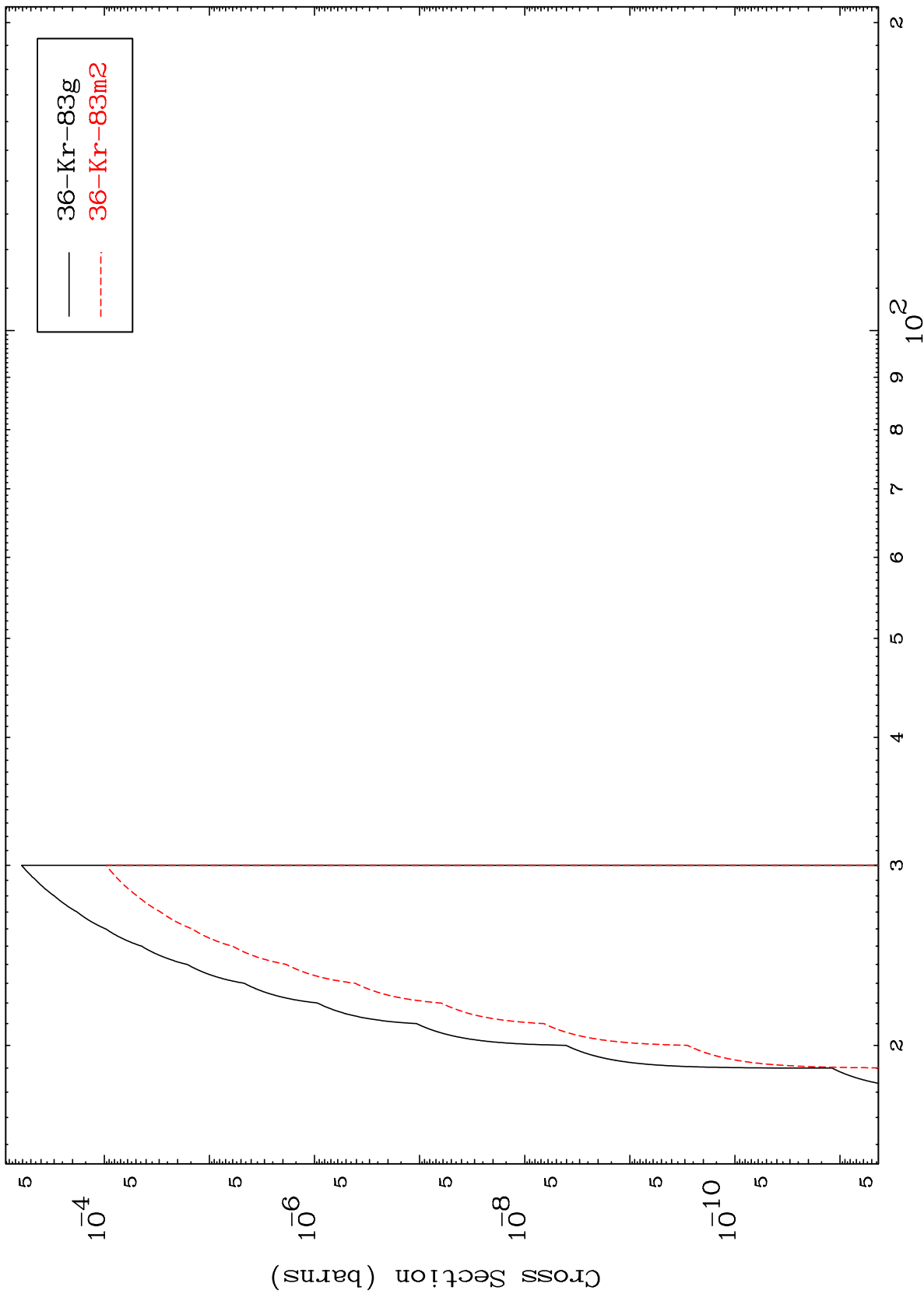


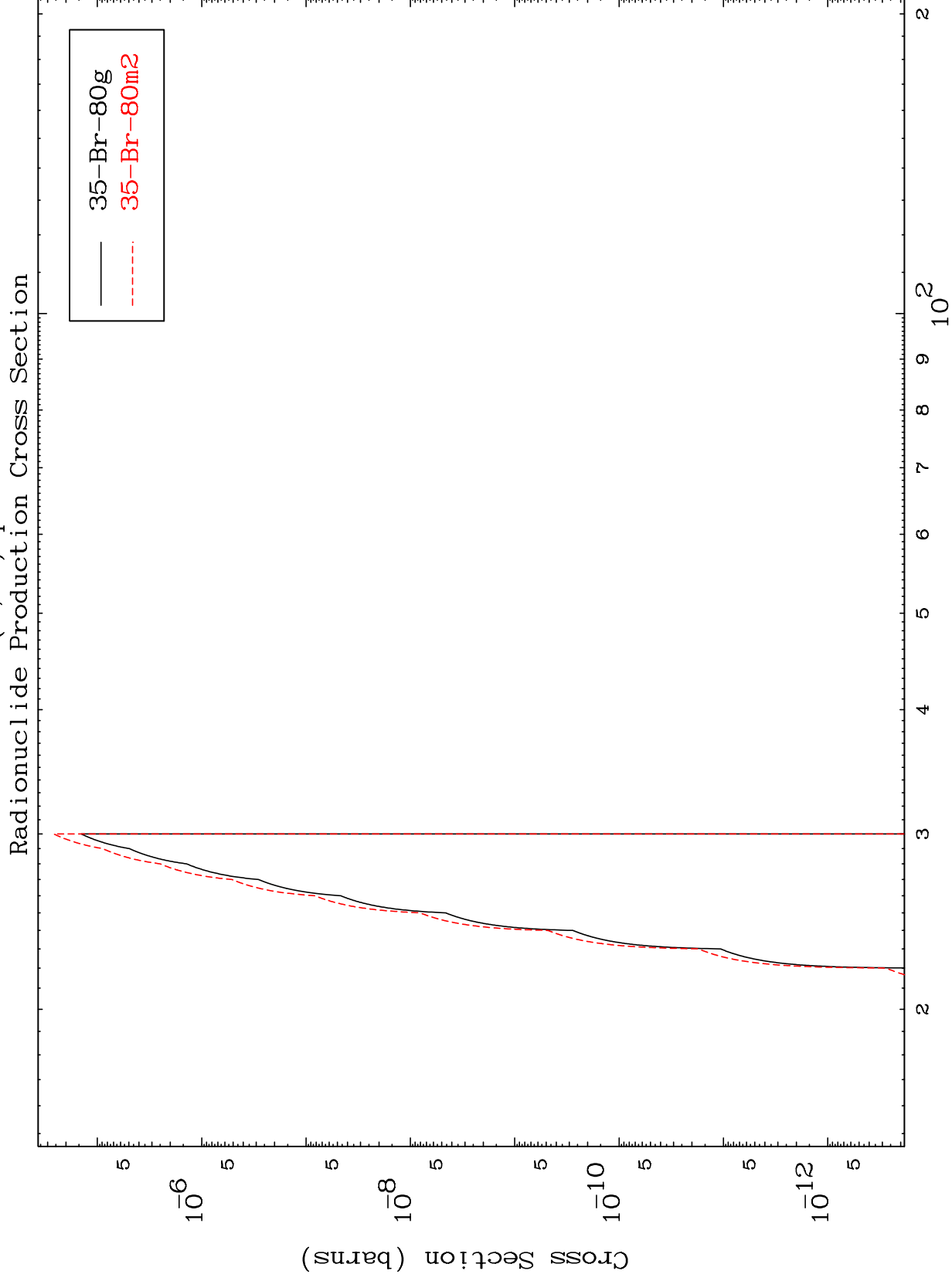
135

Incident Energy (MeV)

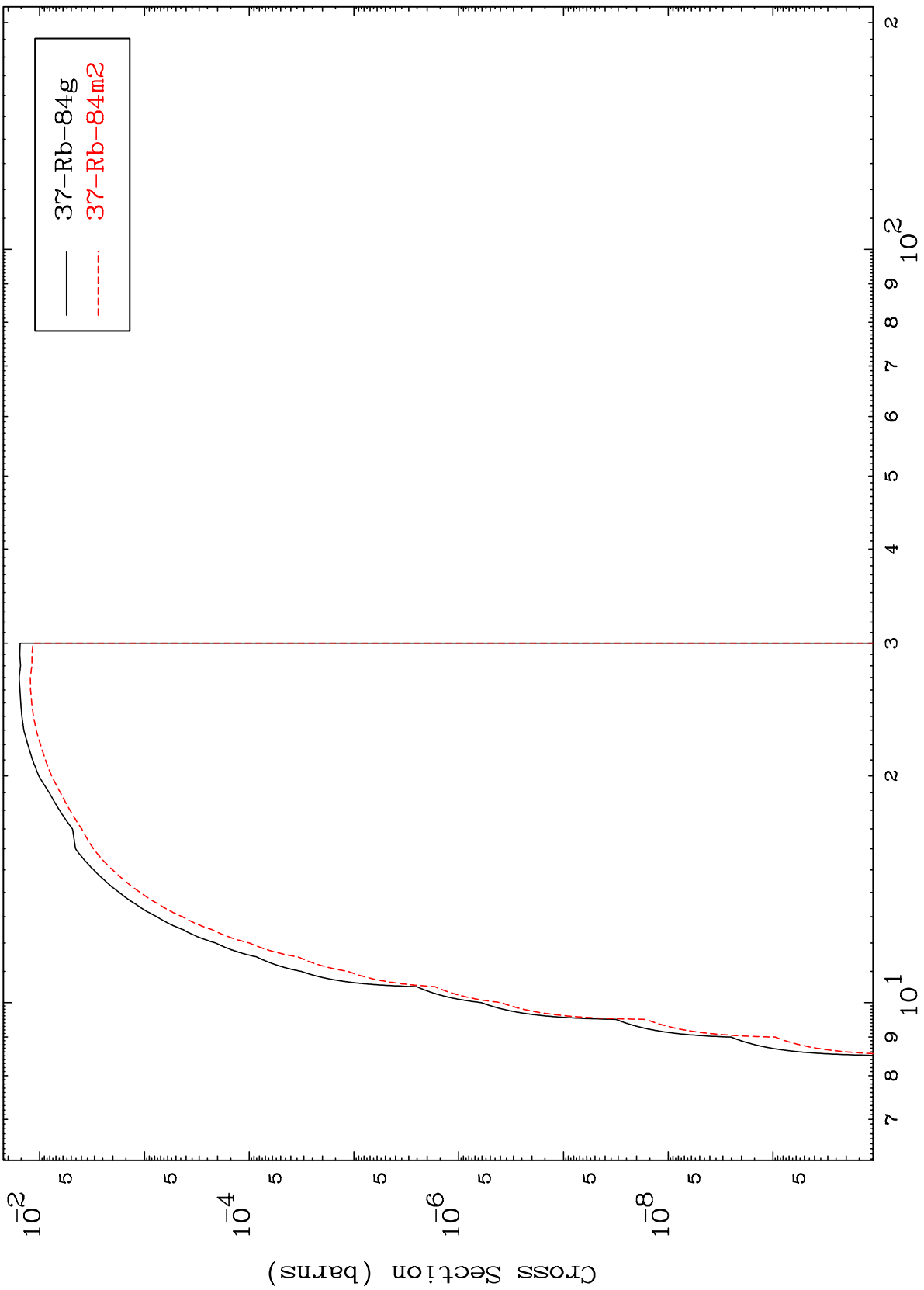
38-Sr-85

Radionuclide Production Cross Section





(n,d)
Radionuclide Production Cross Section

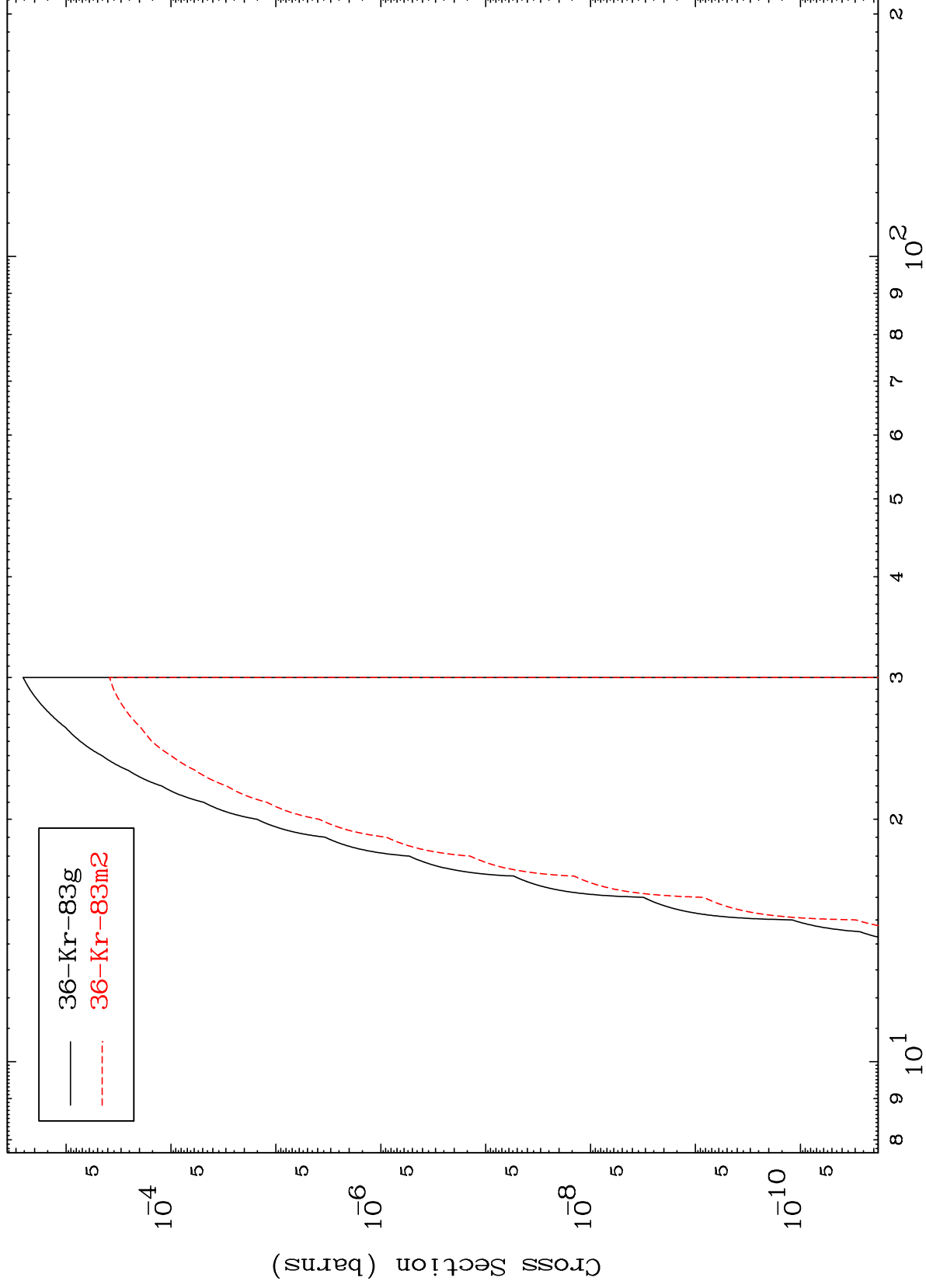


MAT 3828

(n,He-3)

38-Sr-85

Radionuclide Production Cross Section



139

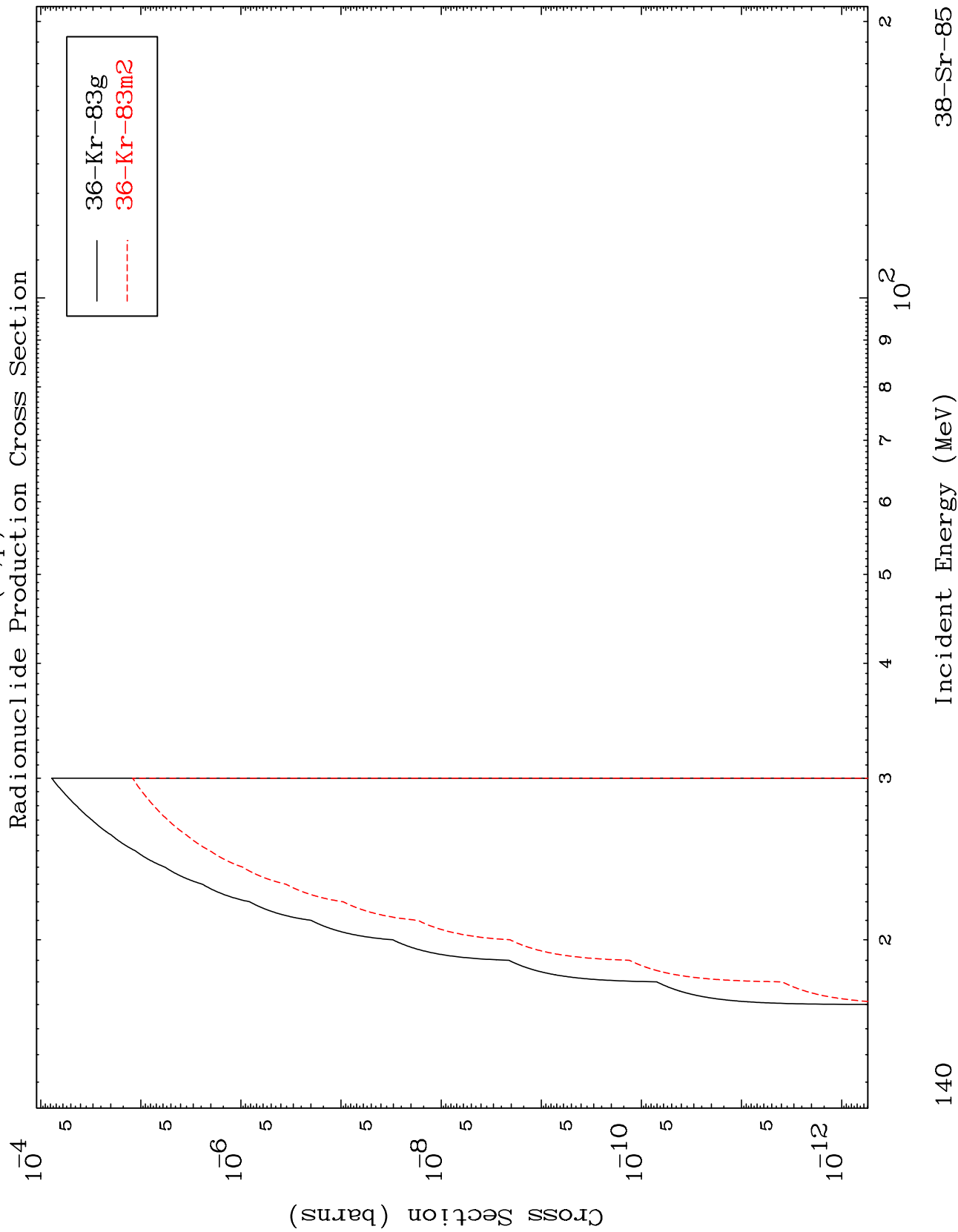
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,p) d

38-Sr-85



140

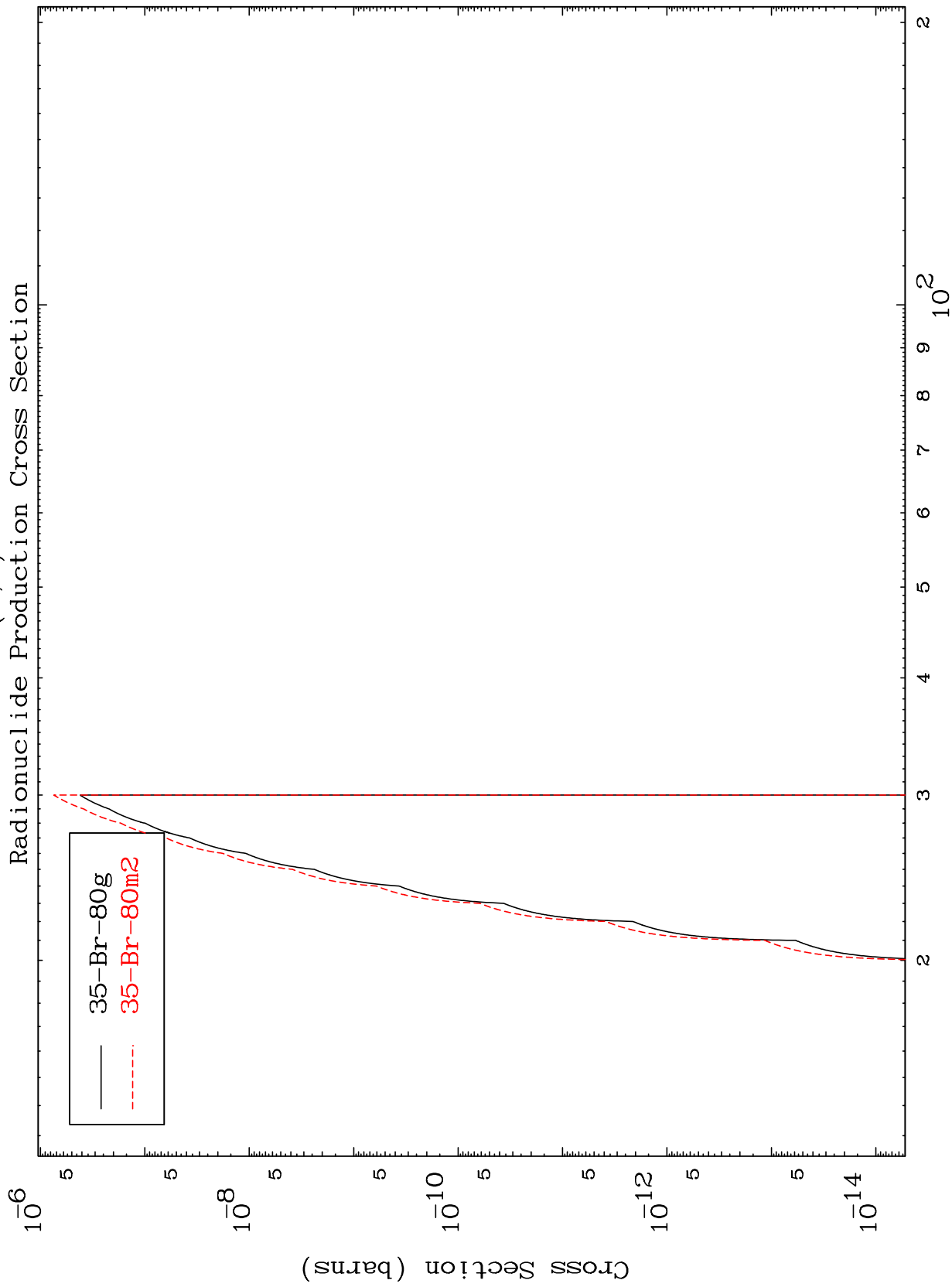
38-Sr-85

MAT 3828

38-Sr-85

(n,d) α

Radionuclide Production Cross Section



38-Sr-85

Incident Energy (MeV)

141