

Program EVALPLOT
(Version 2015-2)

by

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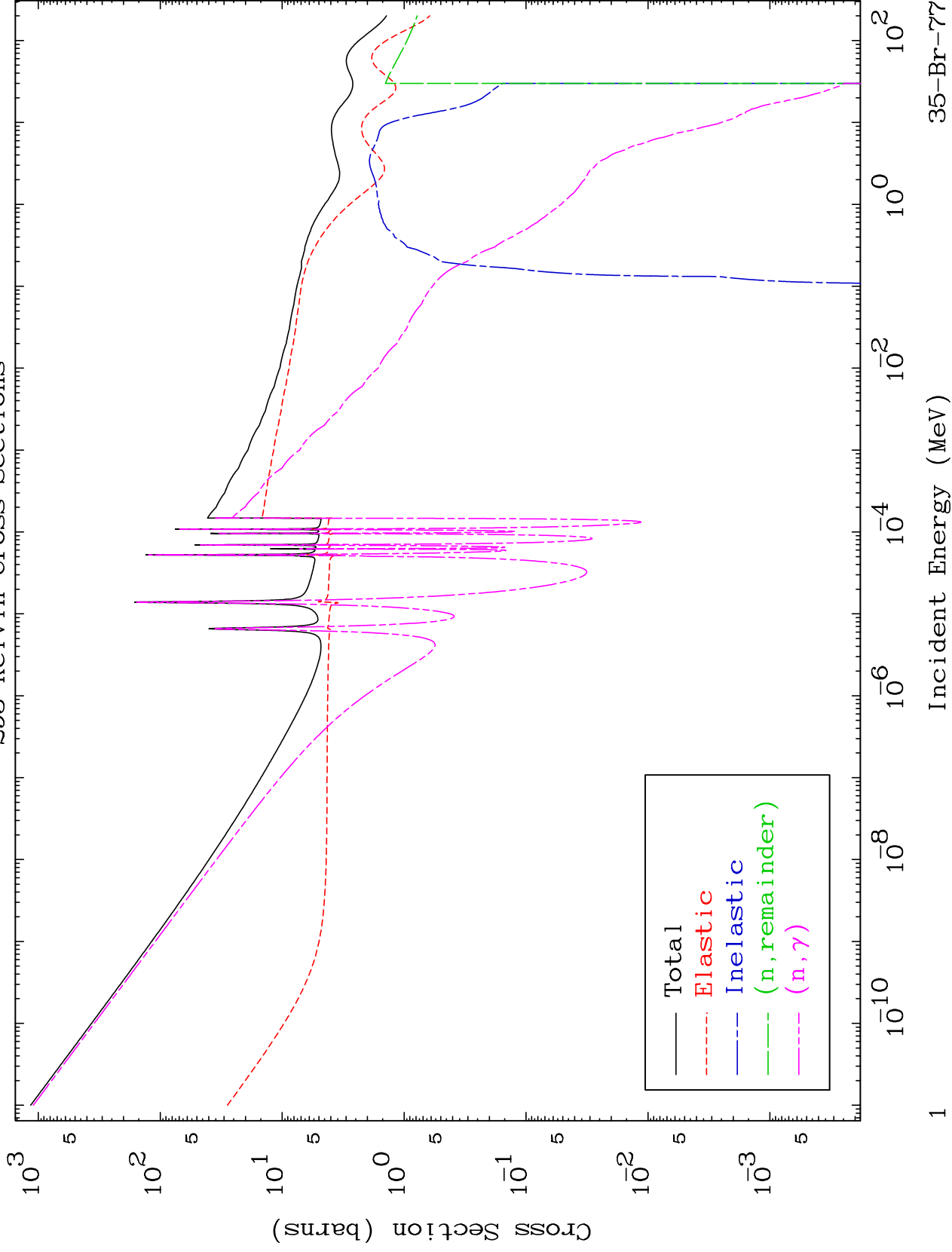
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3519

Major
293 Kelvin Cross Sections

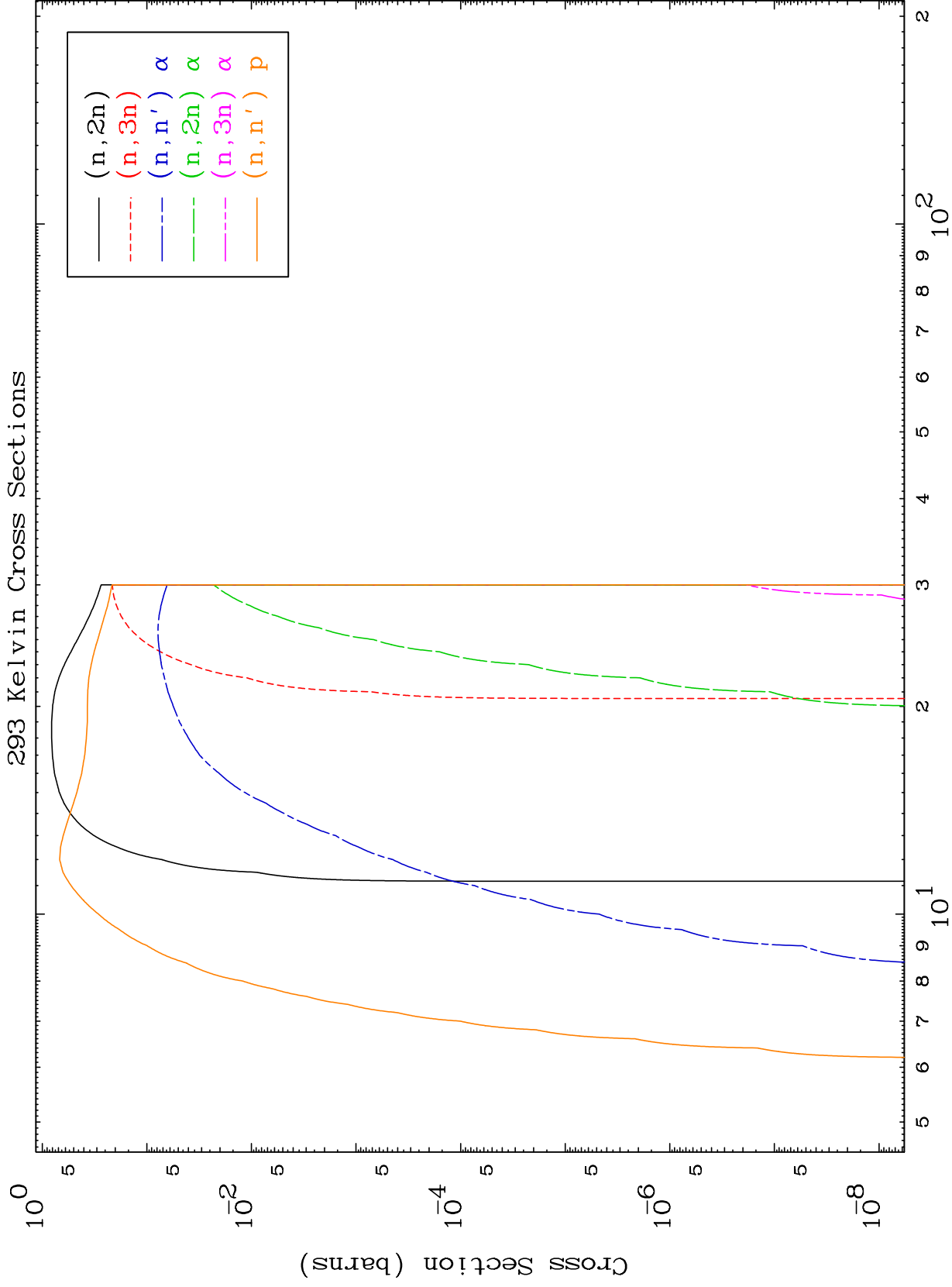
35-Br-77



MAT 3519

Neutron Production
293 Kelvin Cross Sections

35-Br-77



2

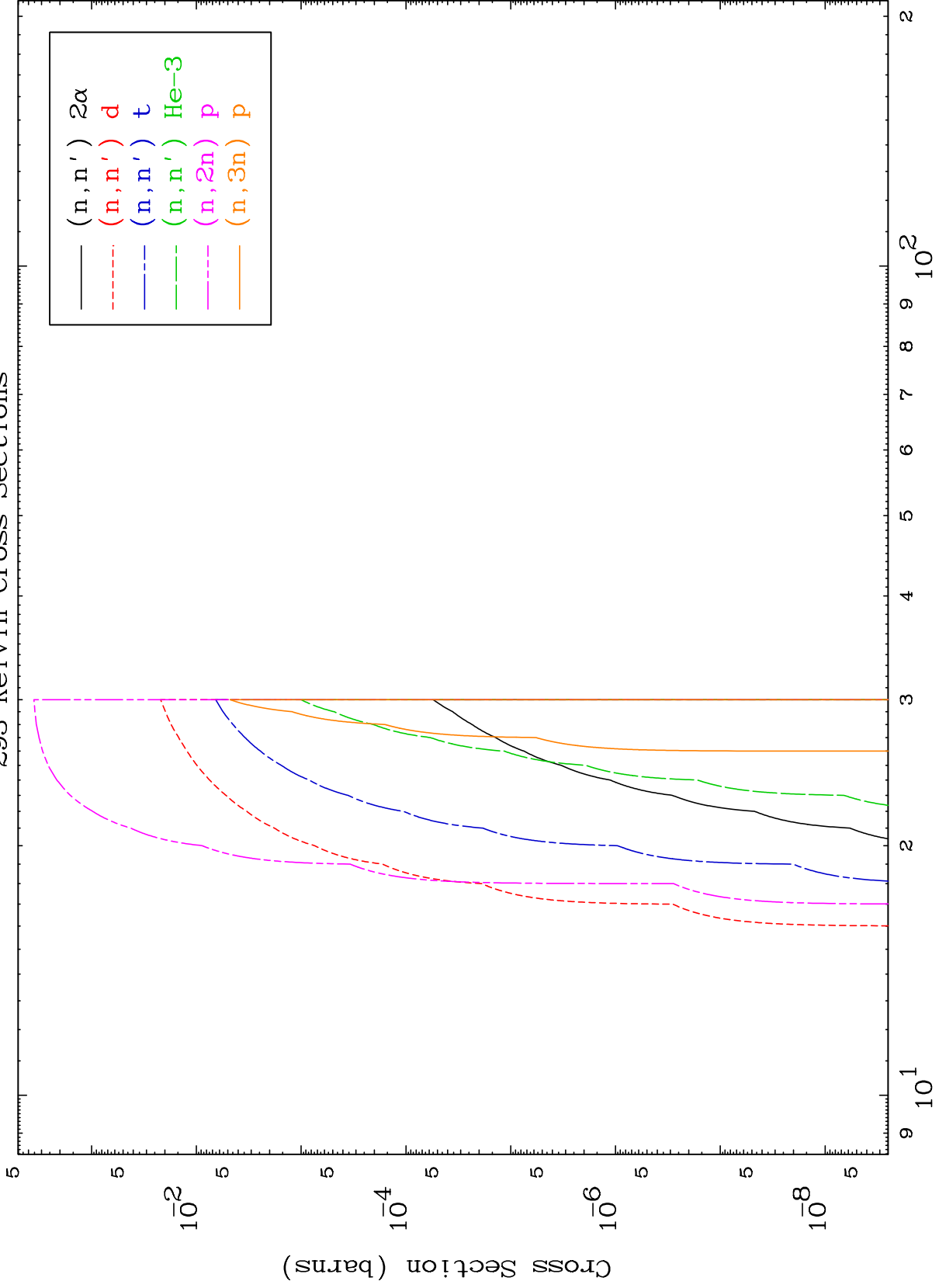
Incident Energy (MeV)

35-Br-77

MAT 3519

Neutron Production
293 Kelvin Cross Sections

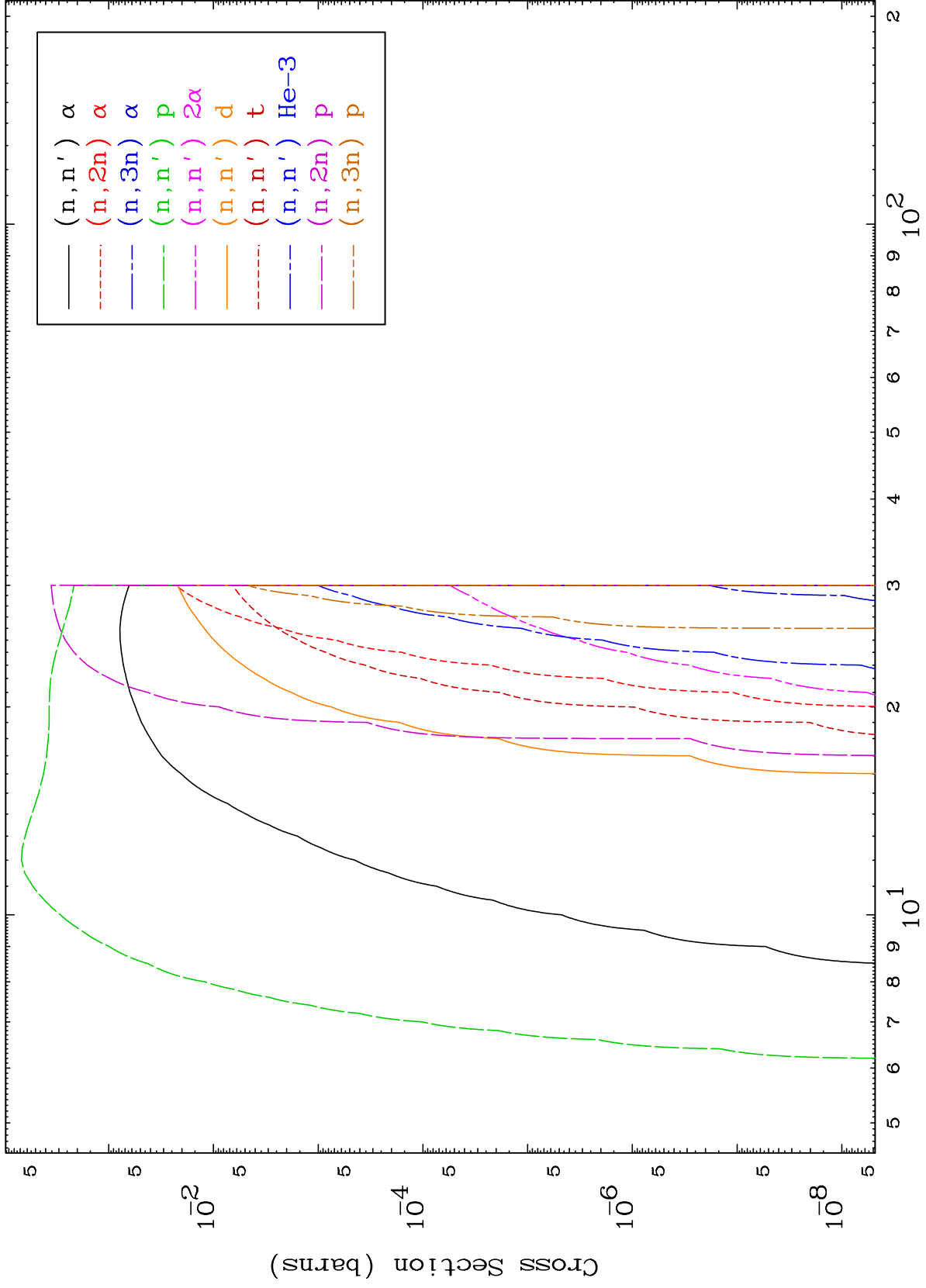
35-Br-77



Incident Energy (MeV)

35-Br-77

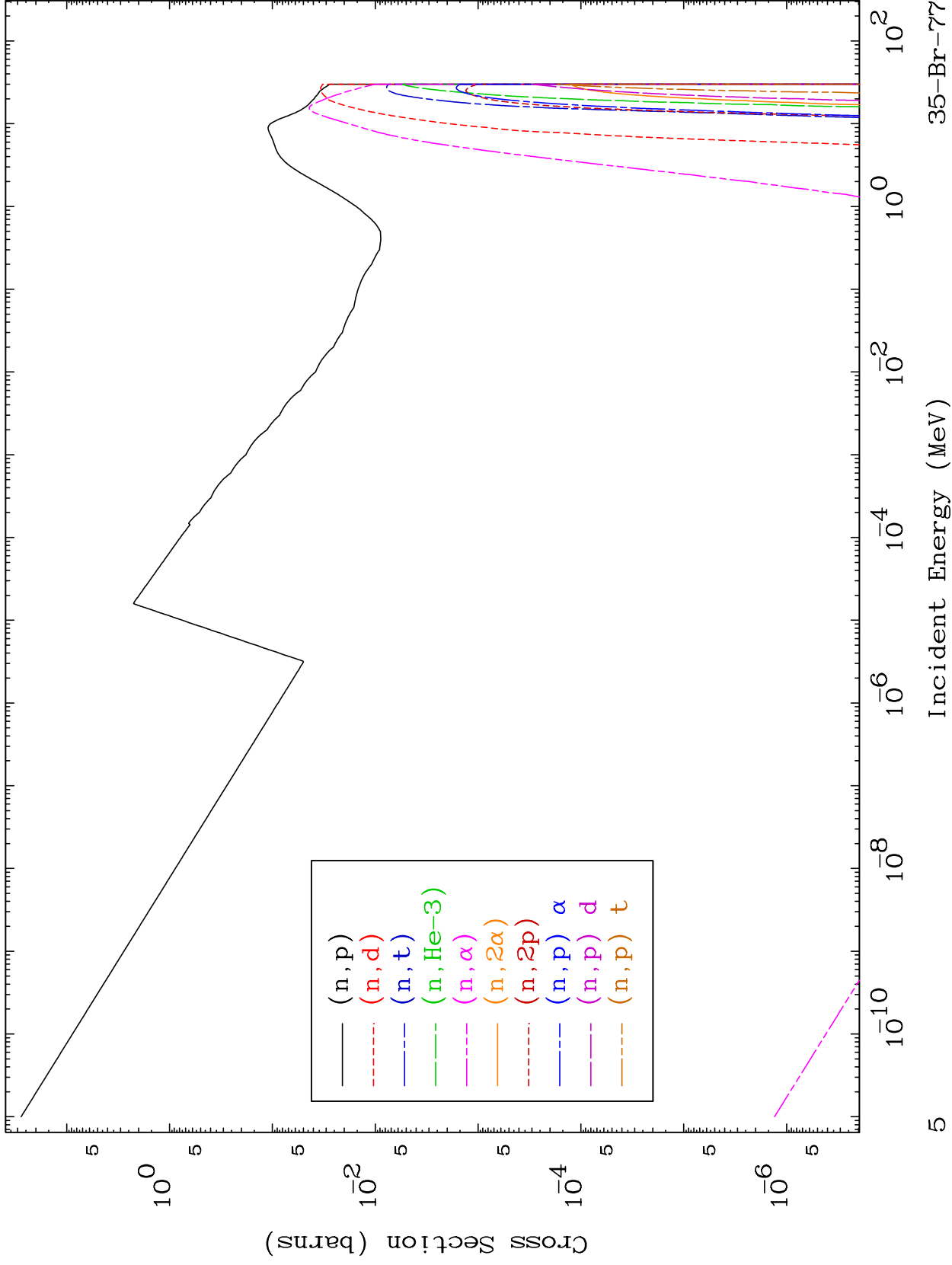
3



MAT 3519

Charged Particle
293 Kelvin Cross Sections

35-Br-77



5

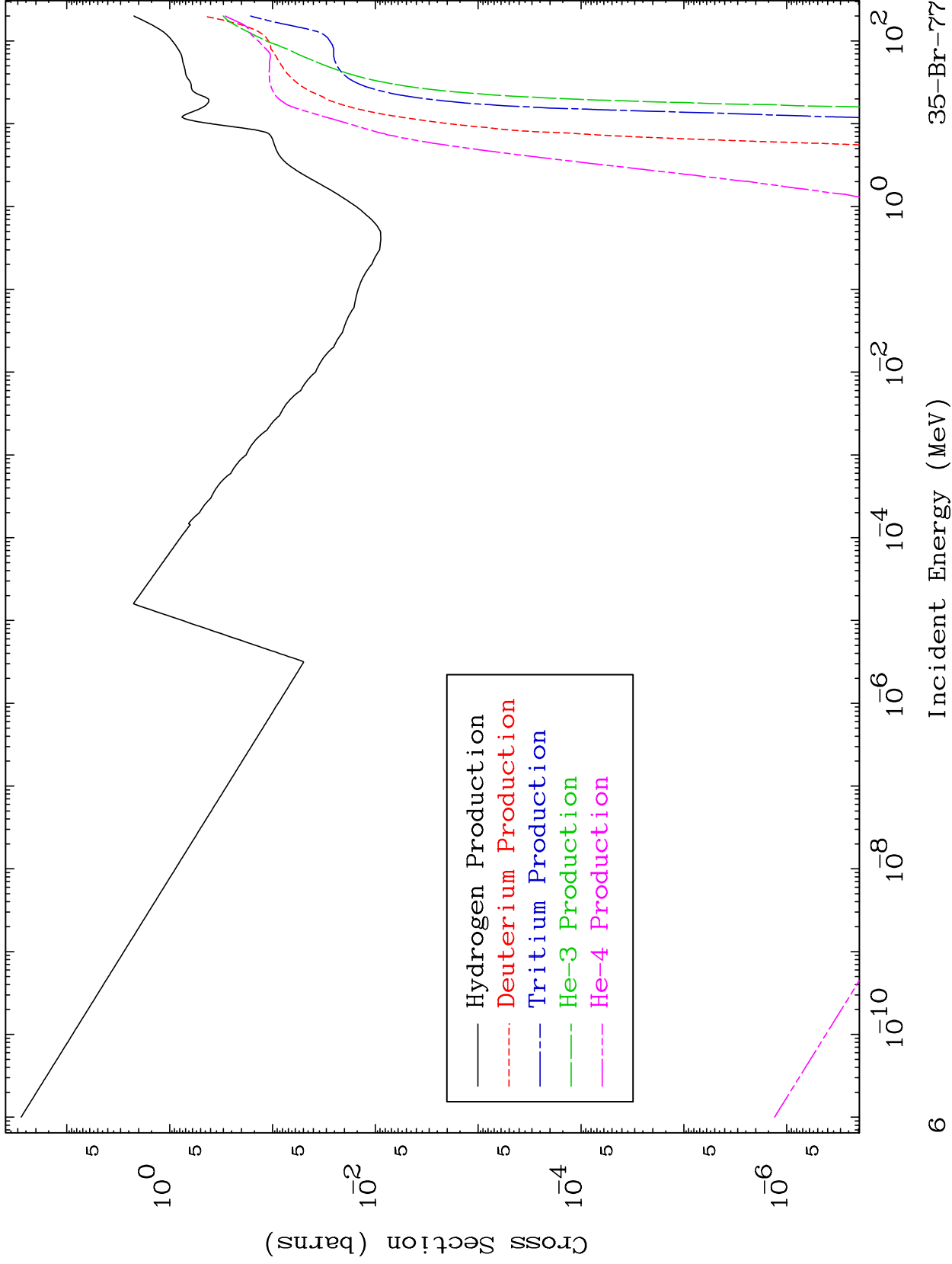
Incident Energy (MeV)

35-Br-77

MAT 3519

Particle Production
293 Kelvin Cross Sections

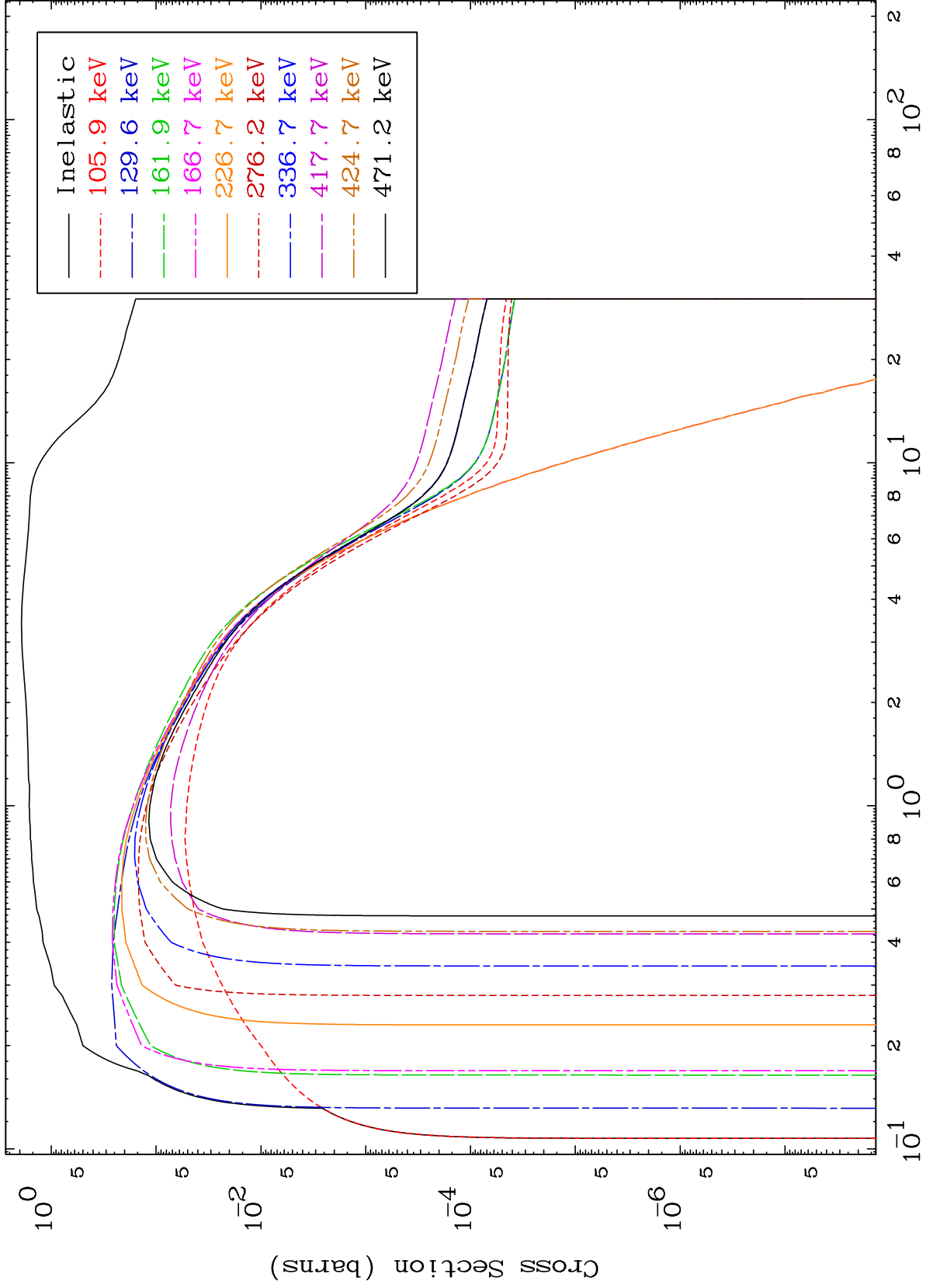
35-Br-77



MAT 3519

(n,n') Level
293 Kelvin Cross Sections

35-Br-77



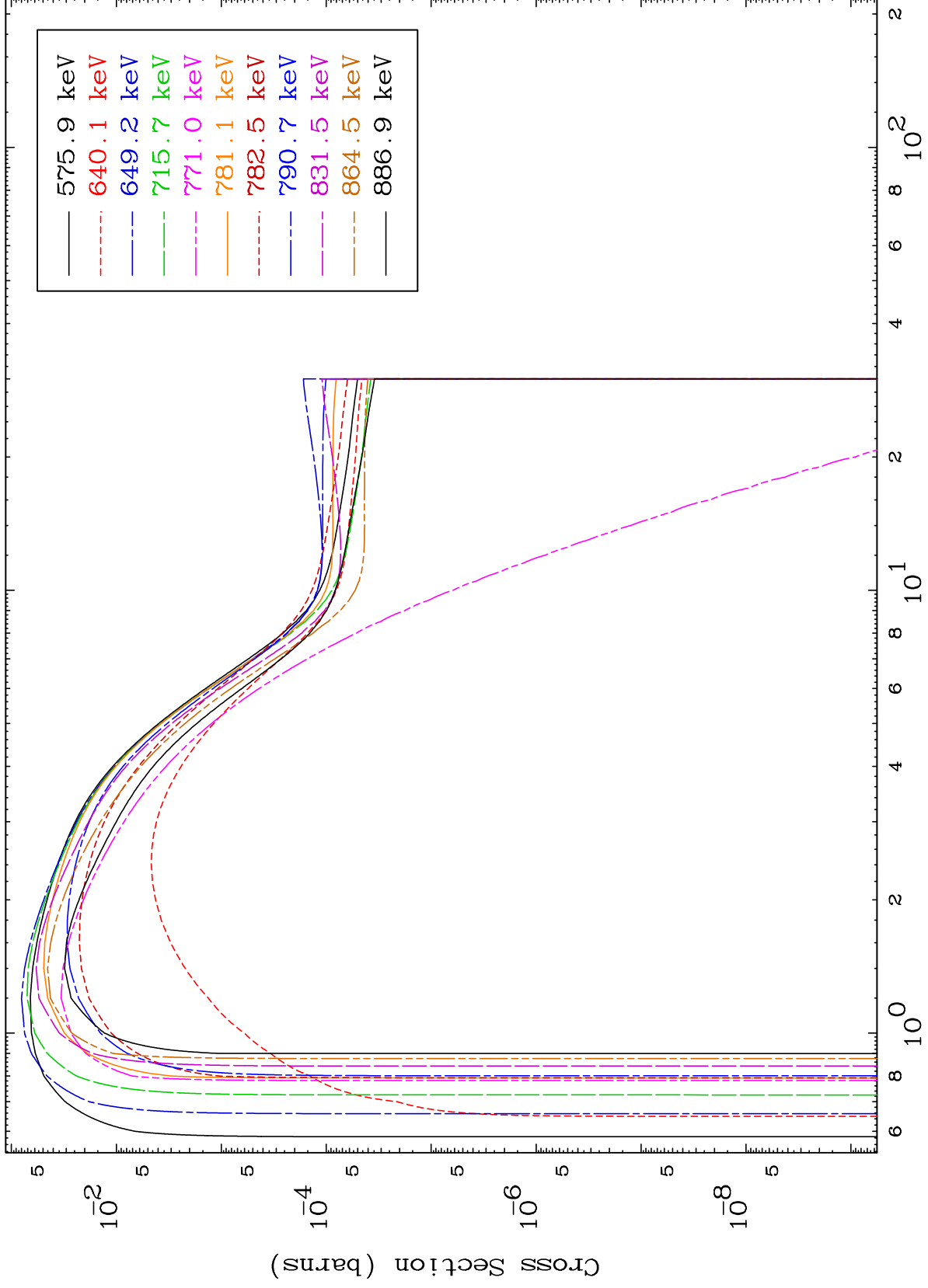
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,n') Level
293 Kelvin Cross Sections

35-Br-77



8

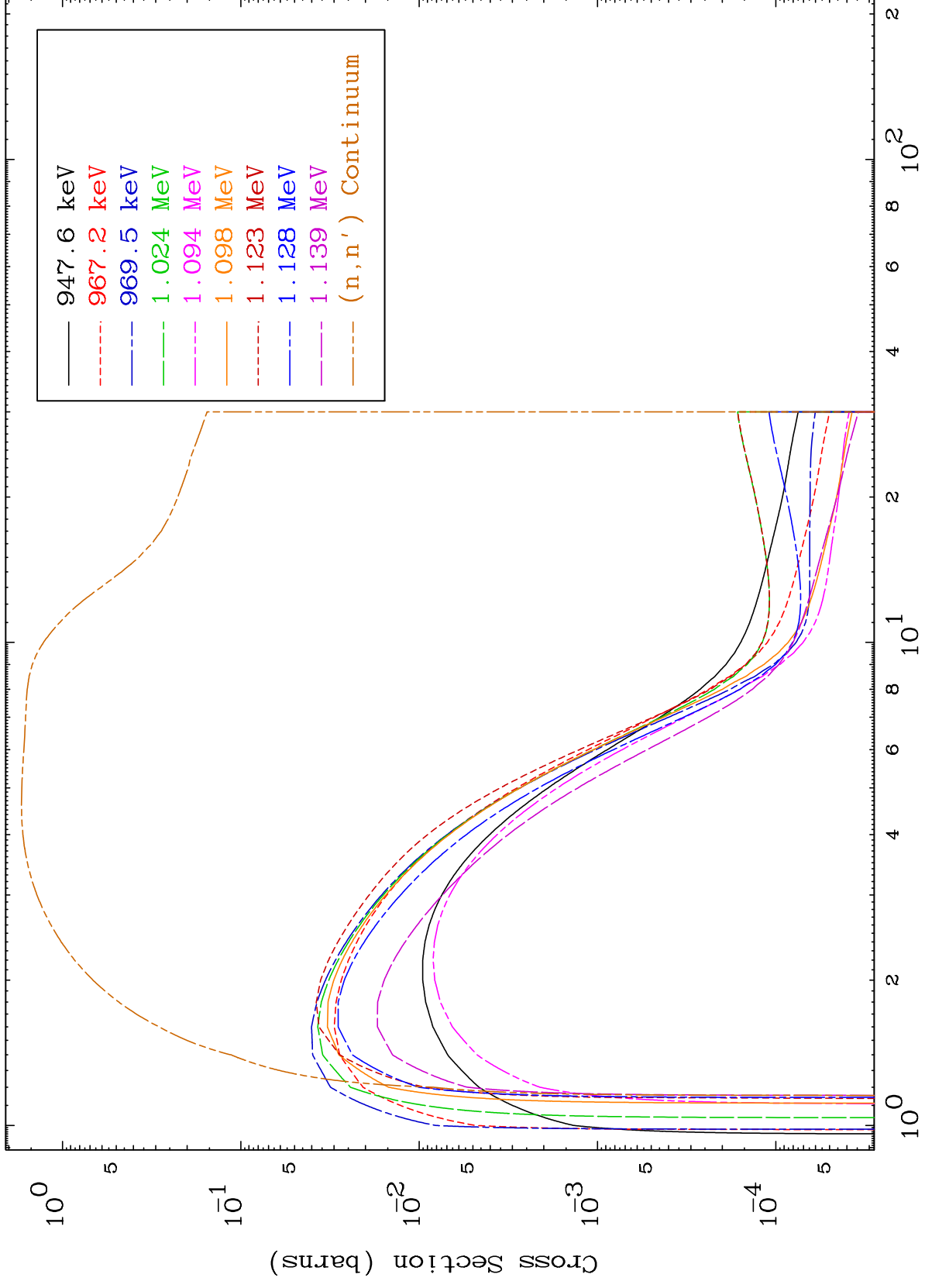
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,n') Level
293 Kelvin Cross Sections

35-Br-77



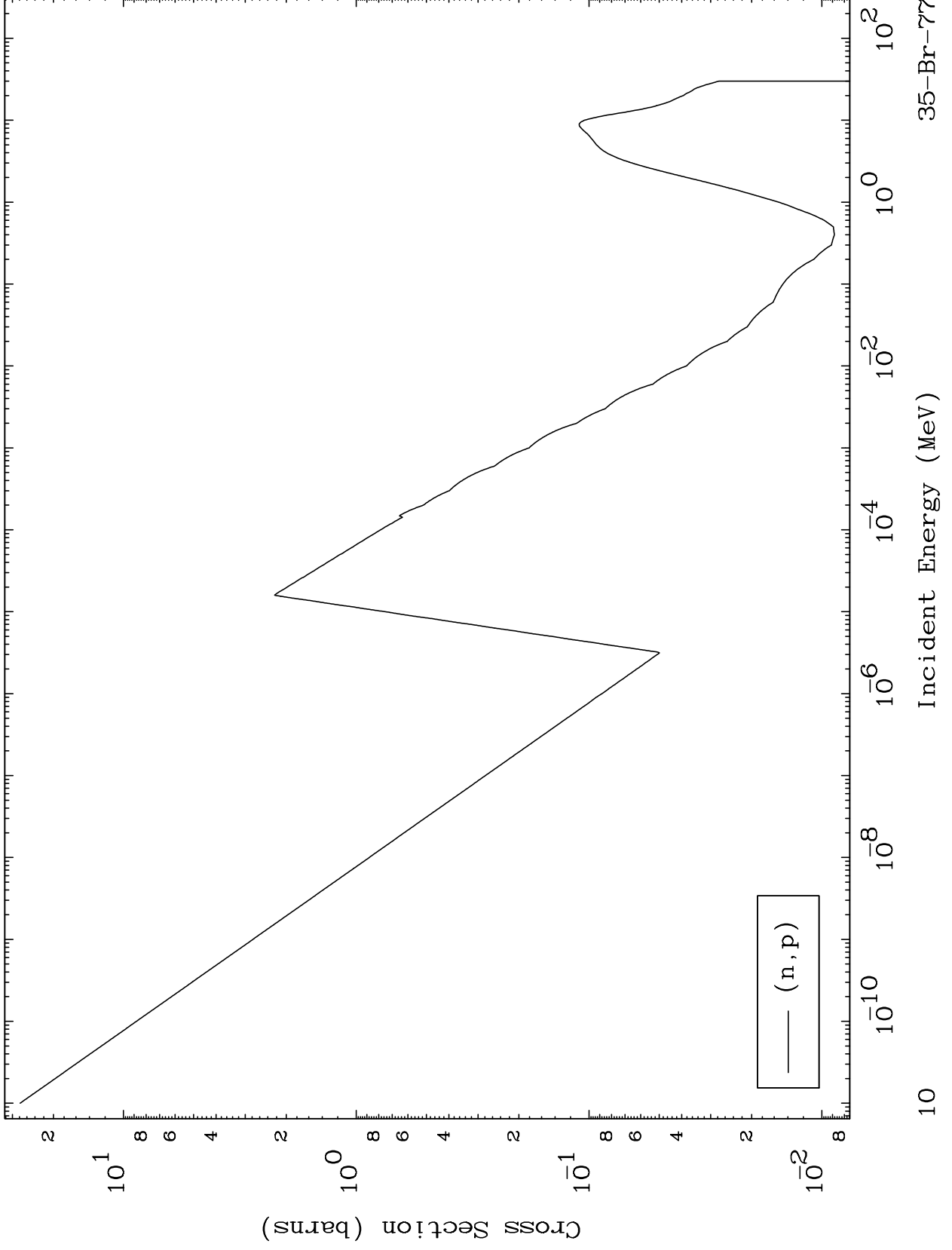
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,p) Levels
293 Kelvin Cross Sections

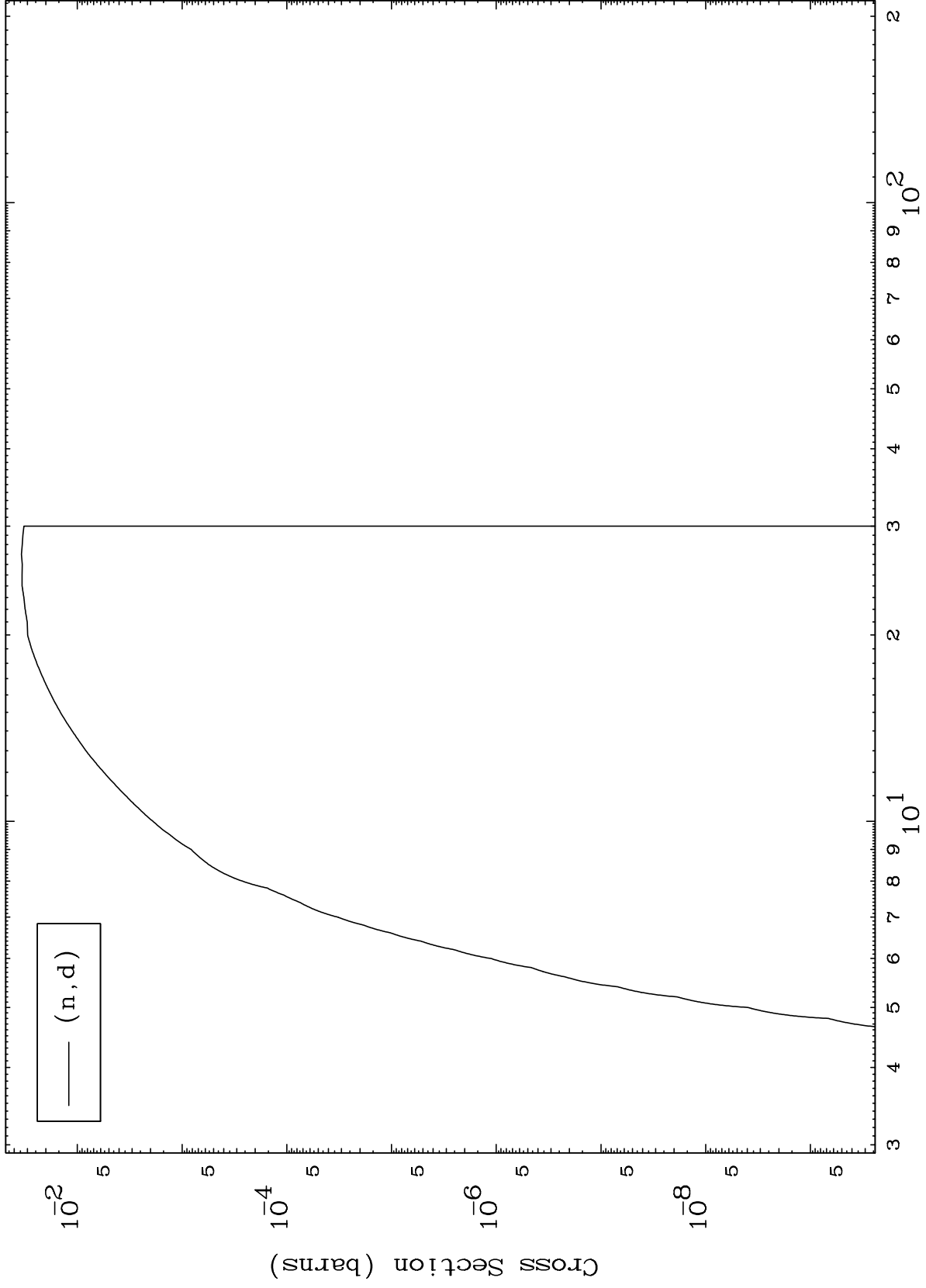
35-Br-77



MAT 3519

(n,d) Levels
293 Kelvin Cross Sections

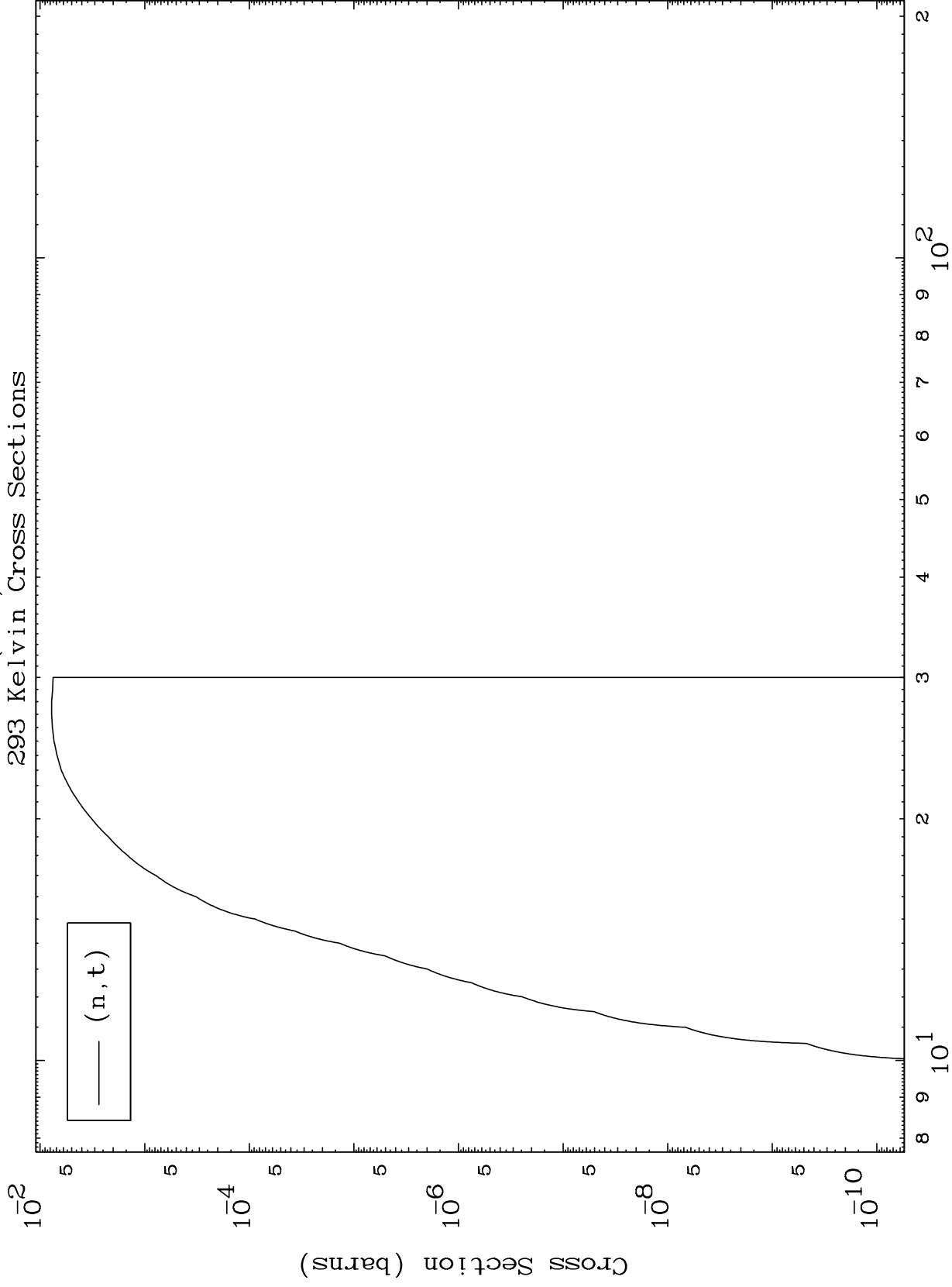
35-Br-77



MAT 3519

(n,t) Levels
293 Kelvin Cross Sections

35-Br-77



12

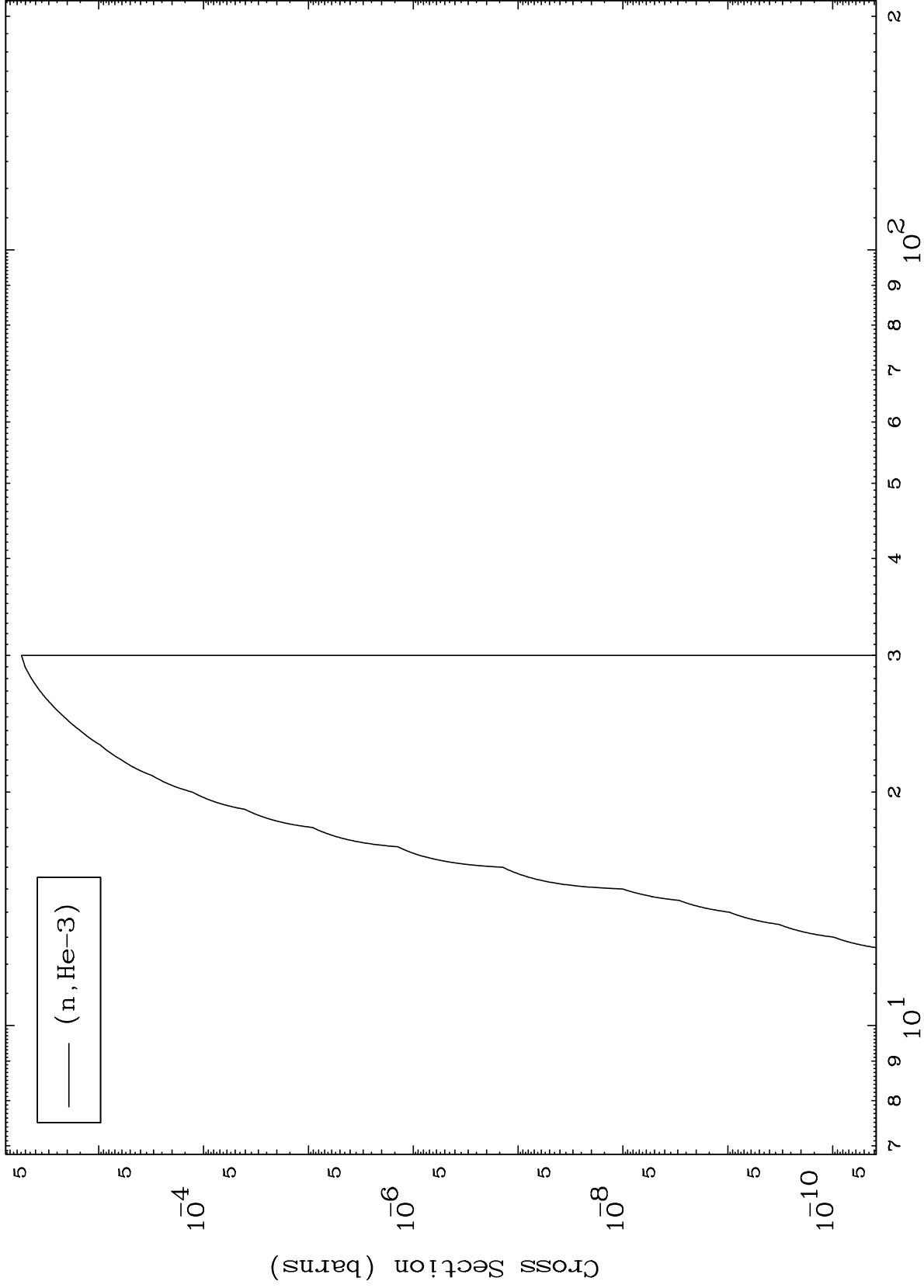
Incident Energy (MeV)

35-Br-77

MAT 3519

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-77



13

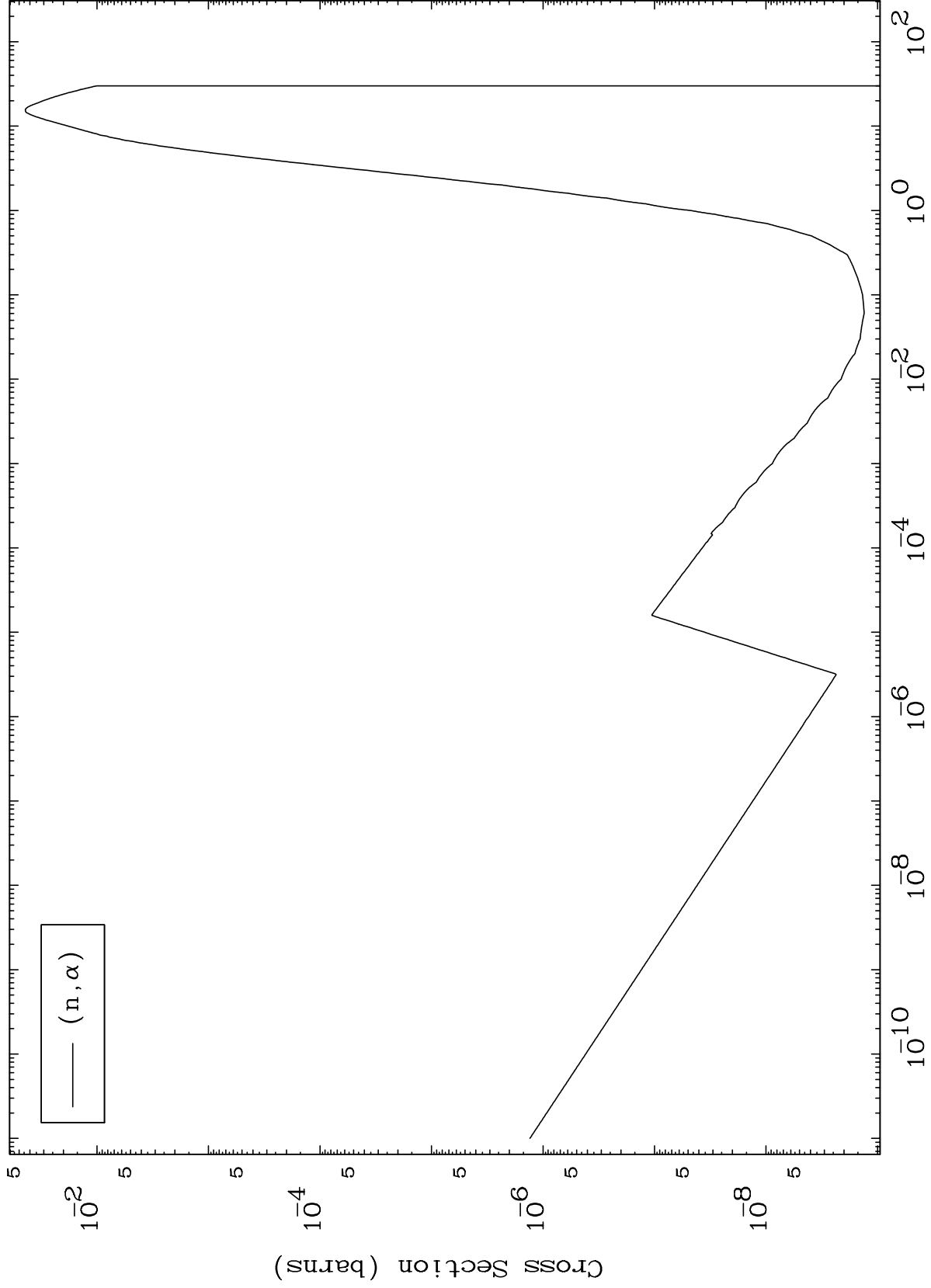
Incident Energy (MeV)

35-Br-77

MAT 3519

(n, α) Levels
293 Kelvin Cross Sections

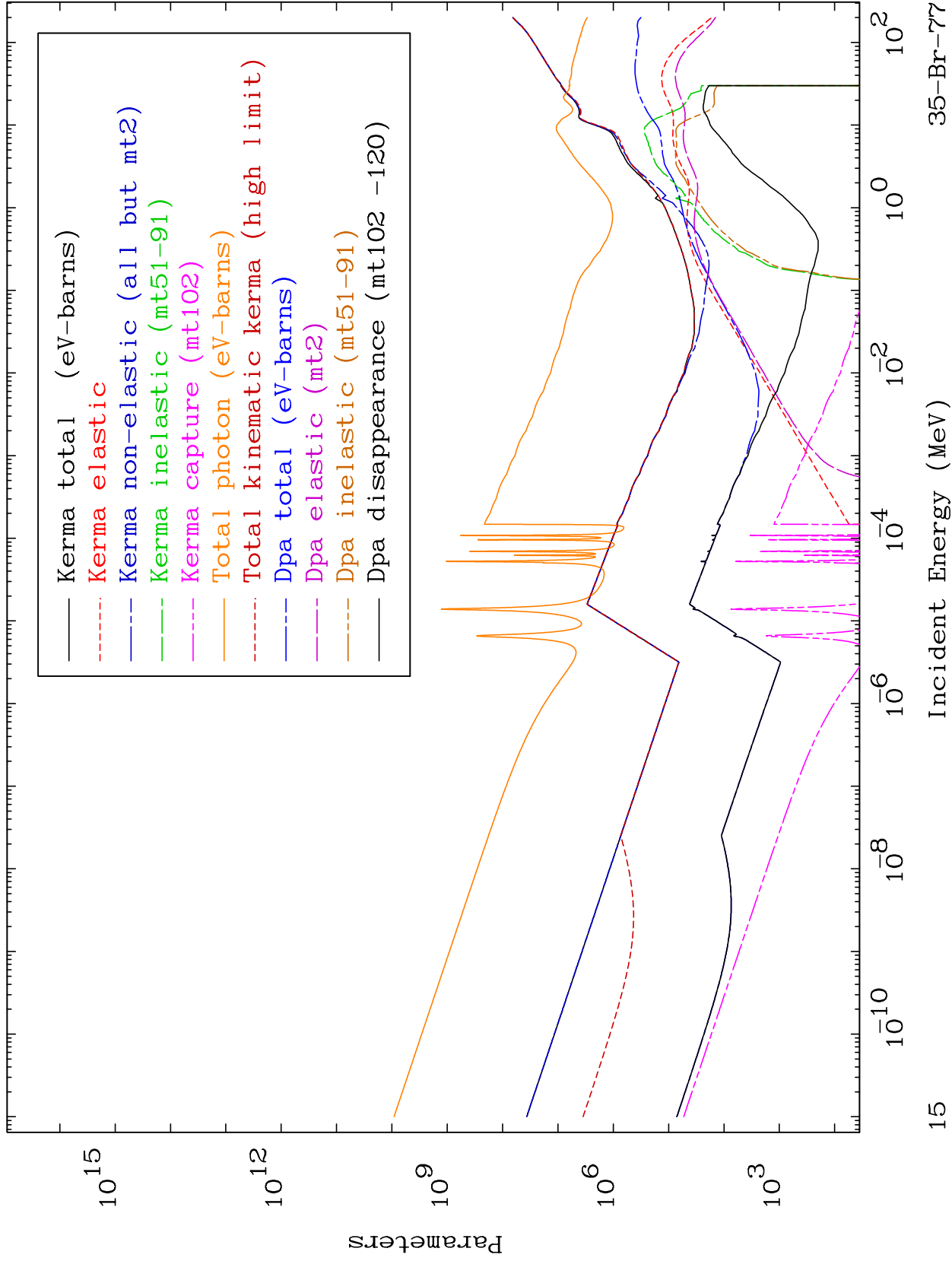
35-Br-77



14

Incident Energy (MeV)

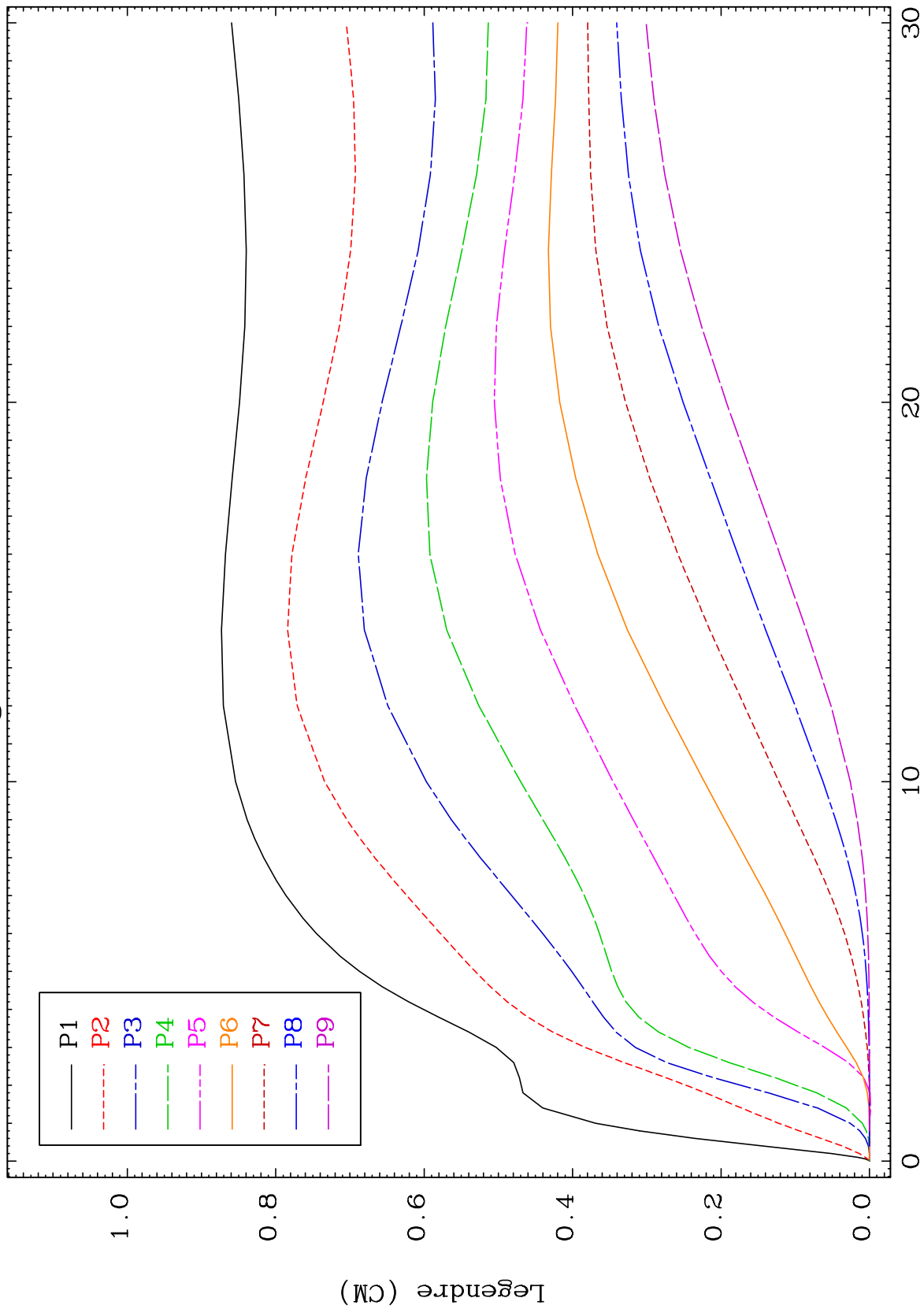
35-Br-77



MAT 3519

Elastic Legendre Coefficients

³⁵Br-77



16

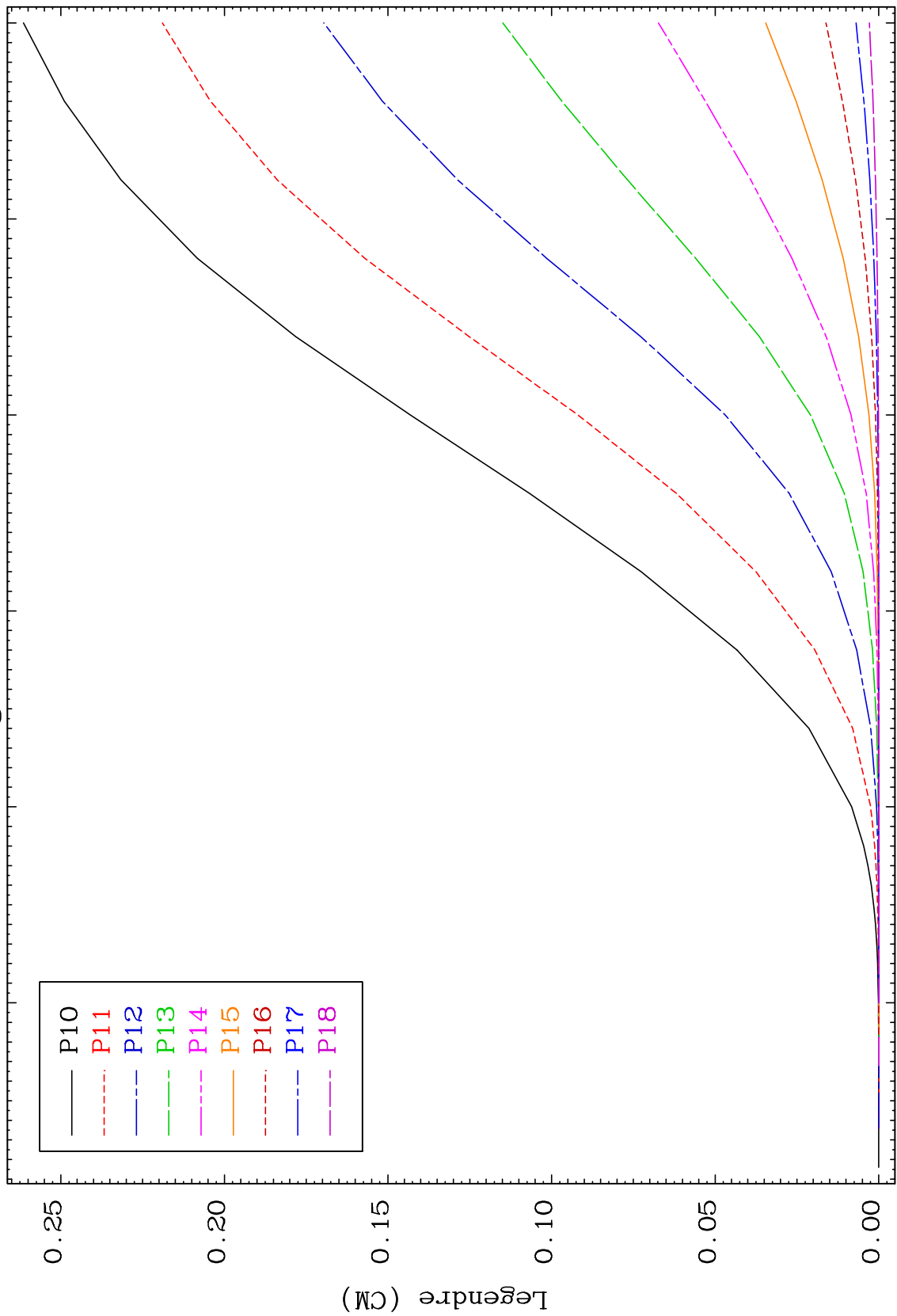
Incident Energy (MeV)

³⁵Br-77

MAT 3519

Elastic Legendre Coefficients

³⁵Br-77



17

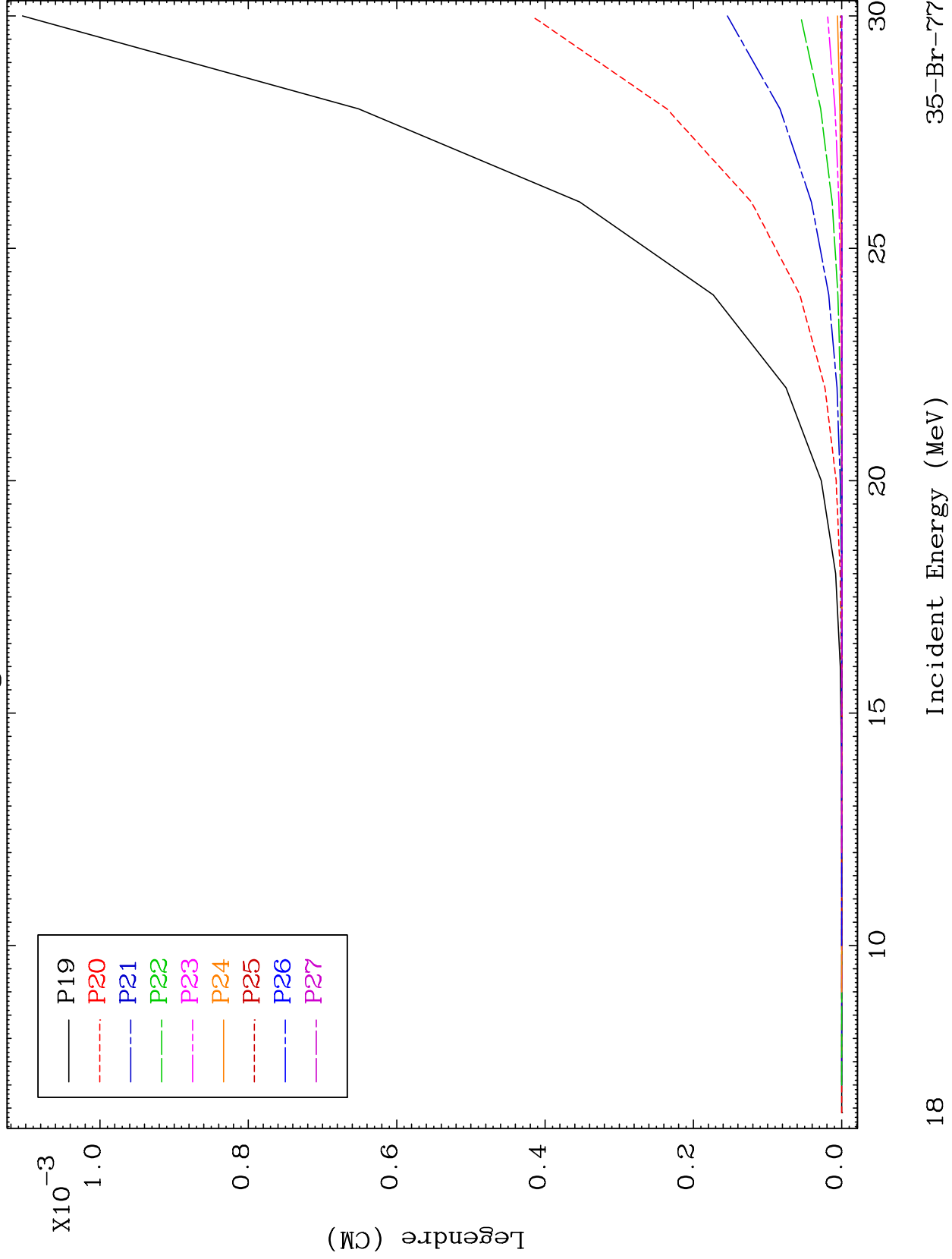
Incident Energy (MeV)

³⁵Br-77

MAT 3519

Elastic Legendre Coefficients

35-Br-77



18

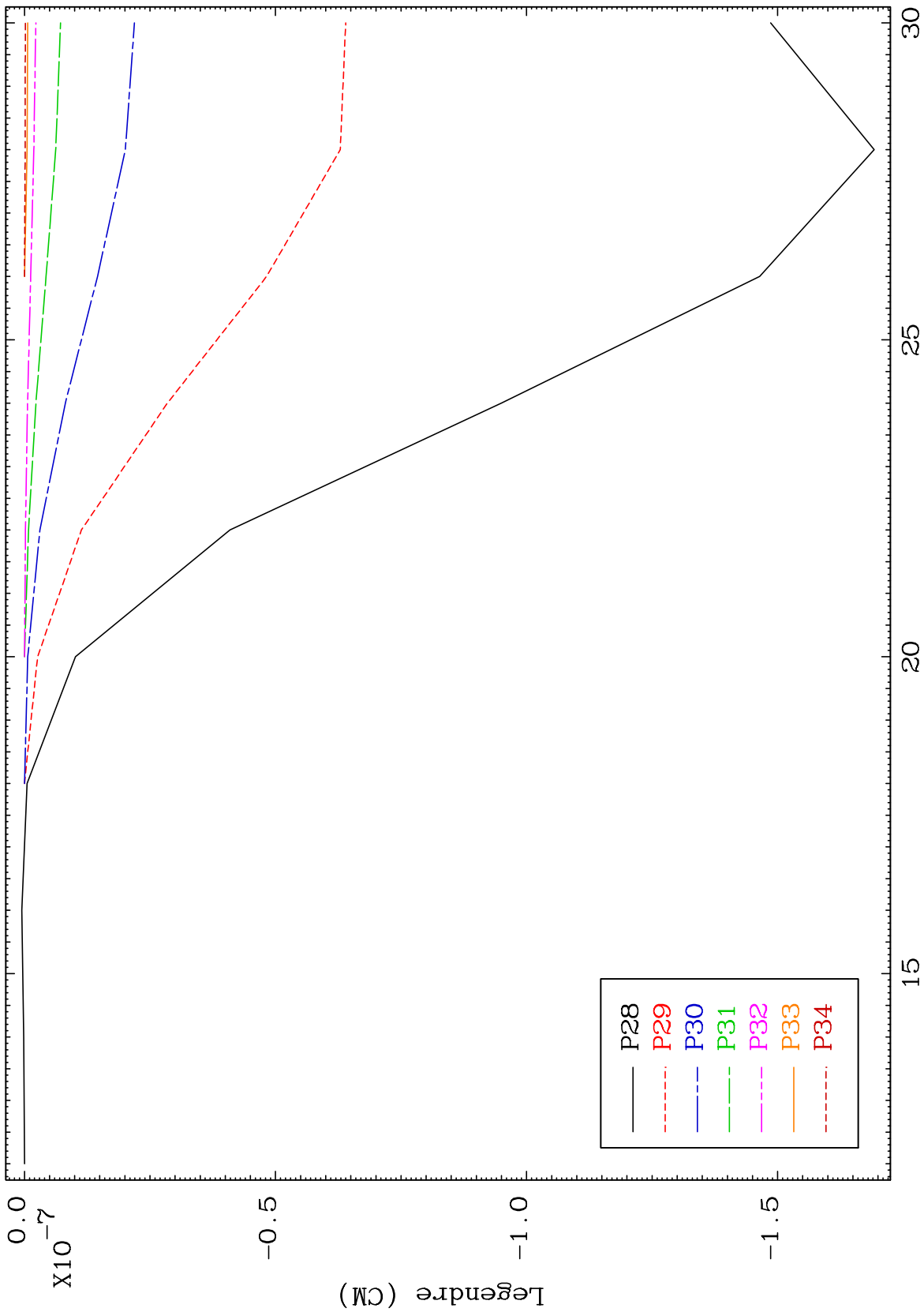
Incident Energy (MeV)

35-Br-77

MAT 3519

35-Br-77

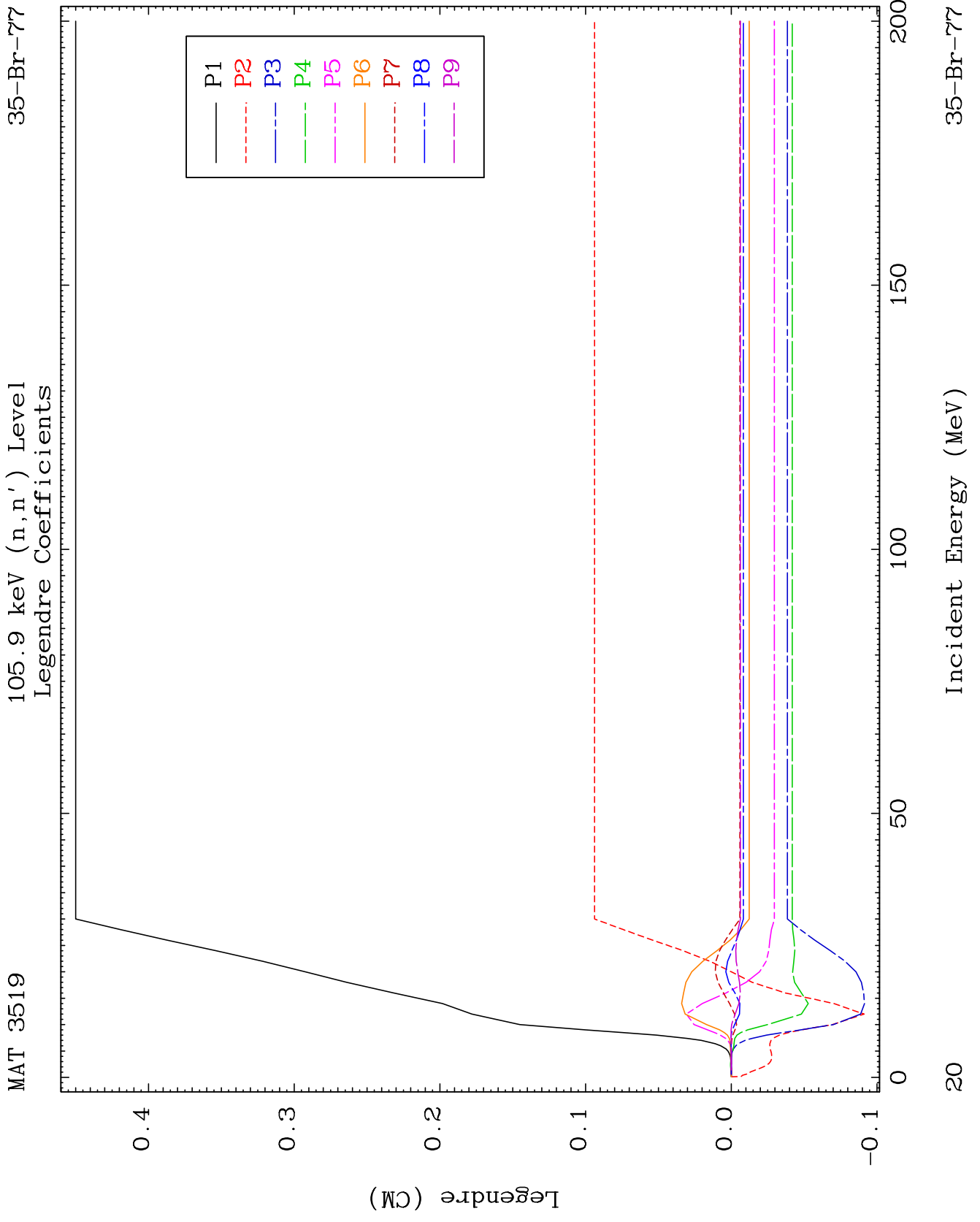
Elastic Legendre Coefficients



19

Incident Energy (MeV)

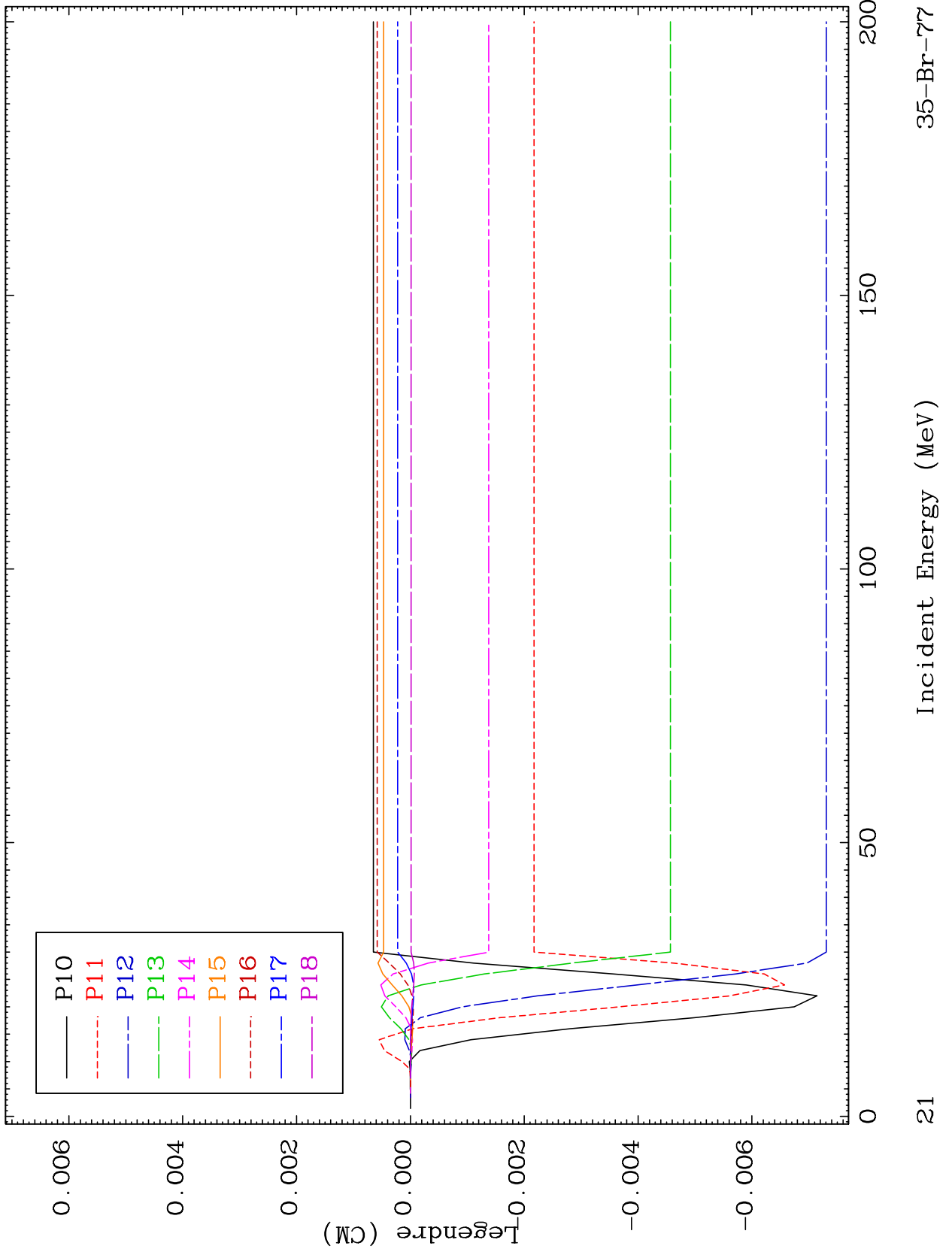
35-Br-77

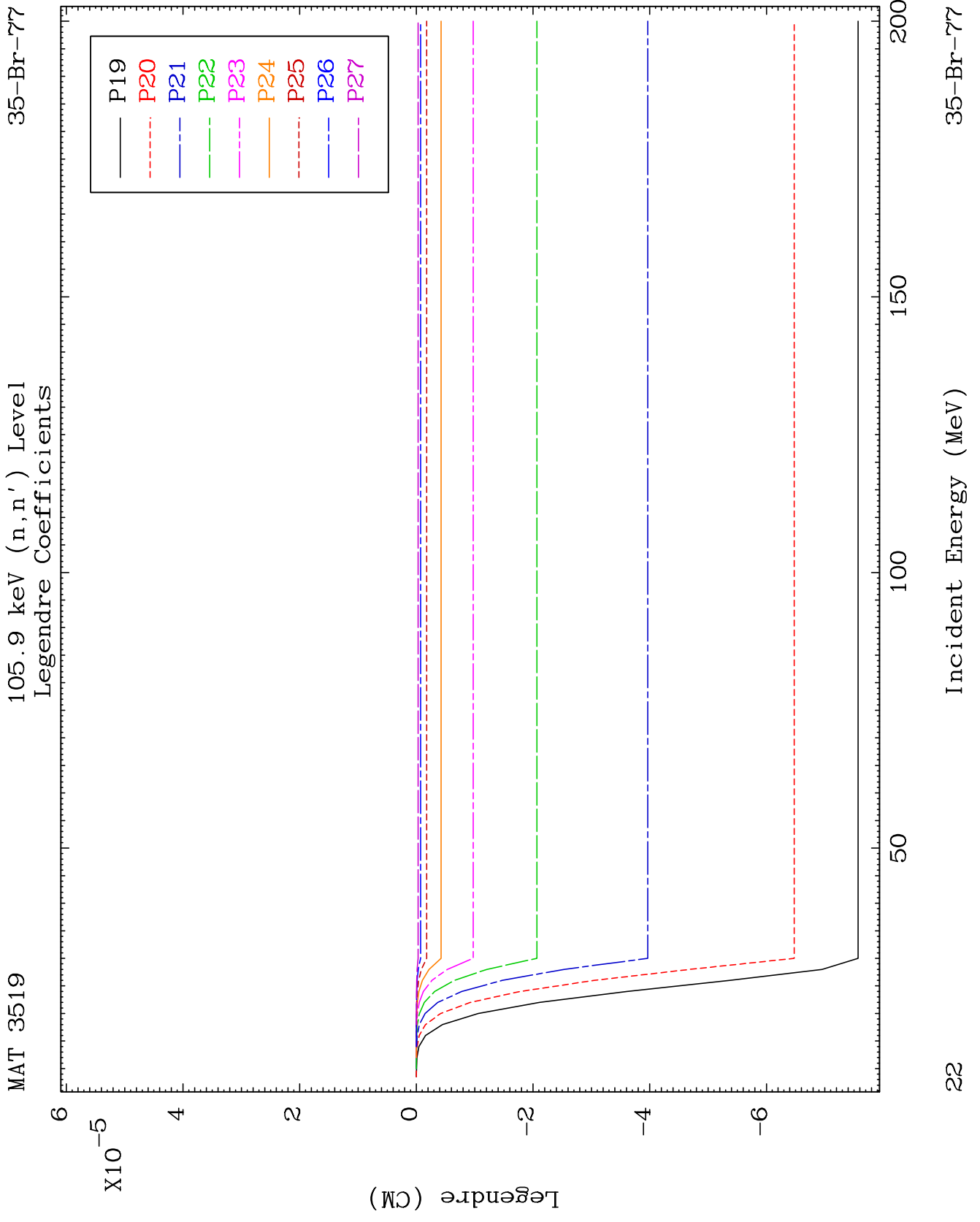


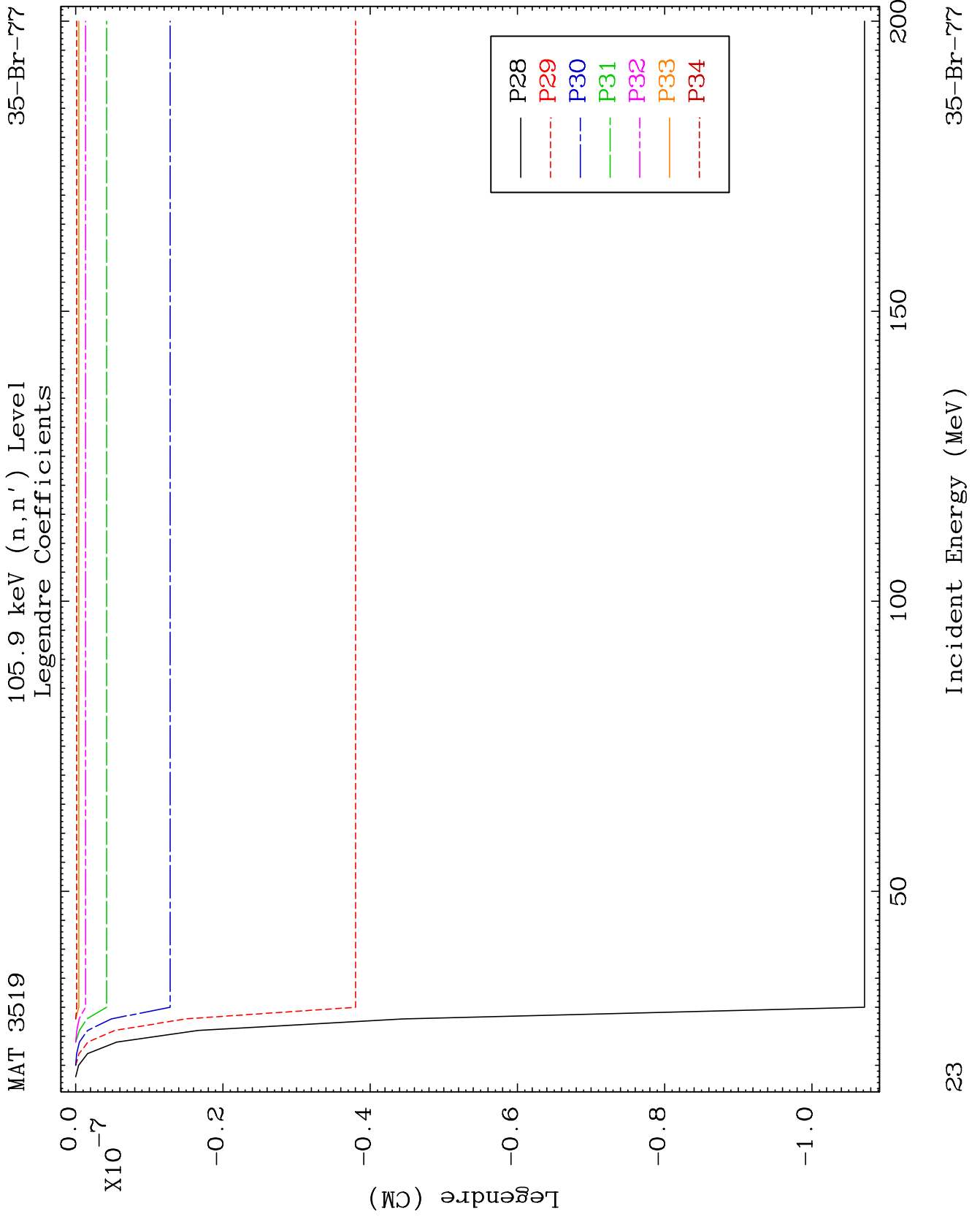
MAT 3519

105.9 keV (n,n') Level
Legendre Coefficients

35-Br-77



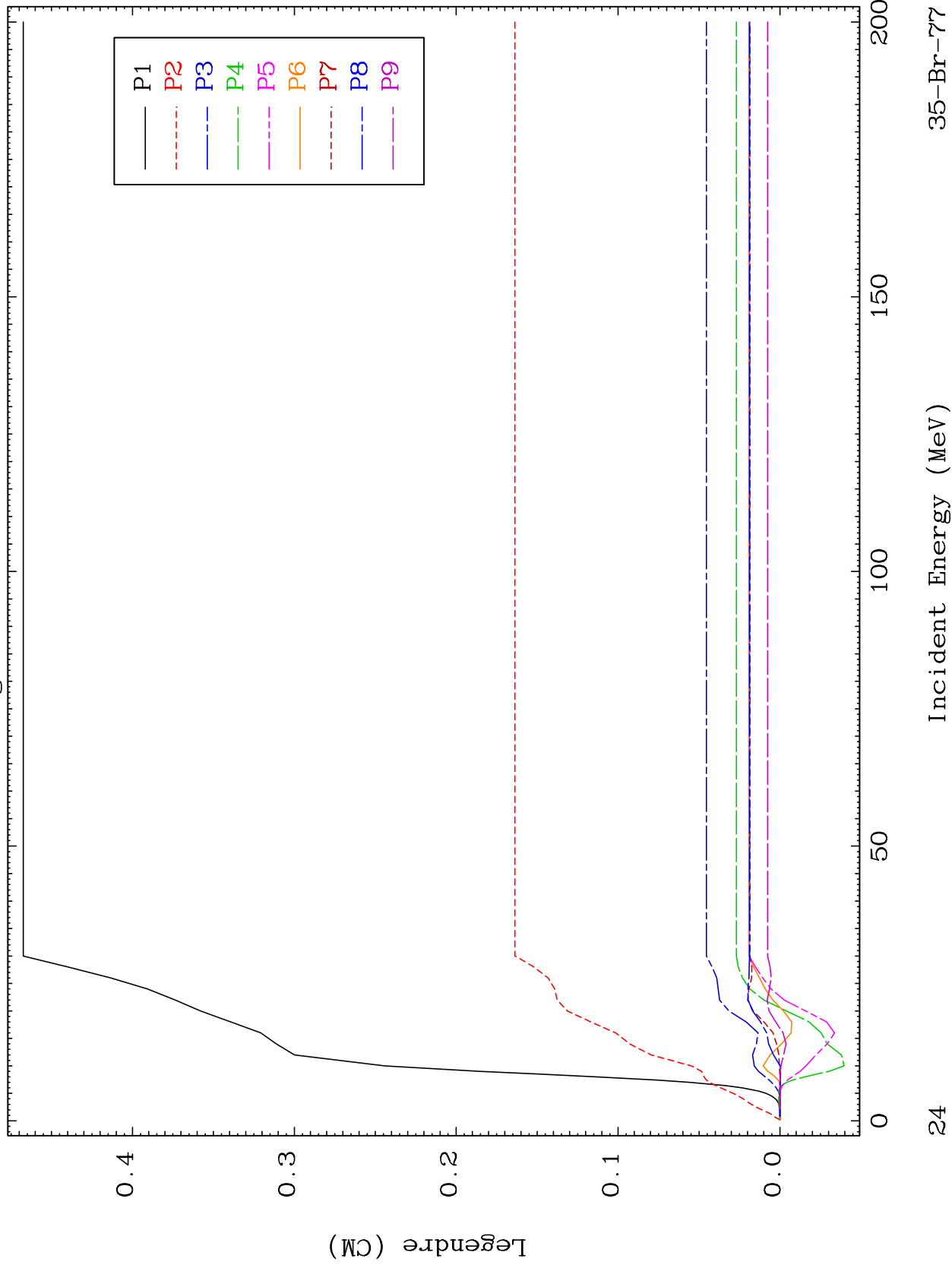




MAT 3519

129.6 keV (n,n') Level
Legendre Coefficients

35-Br-77



24

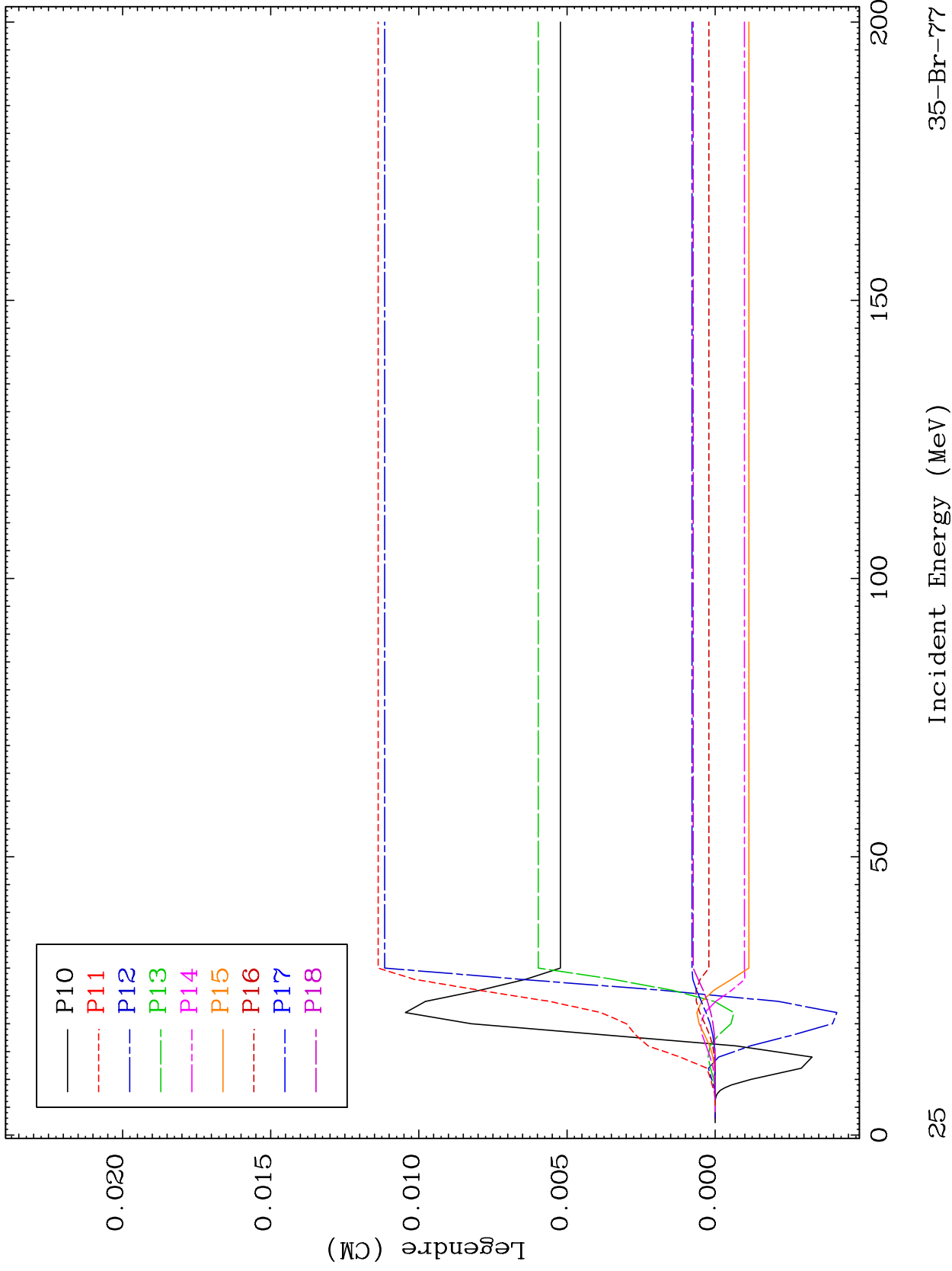
Incident Energy (MeV)

35-Br-77

MAT 3519

129.6 keV (n,n') Level
Legendre Coefficients

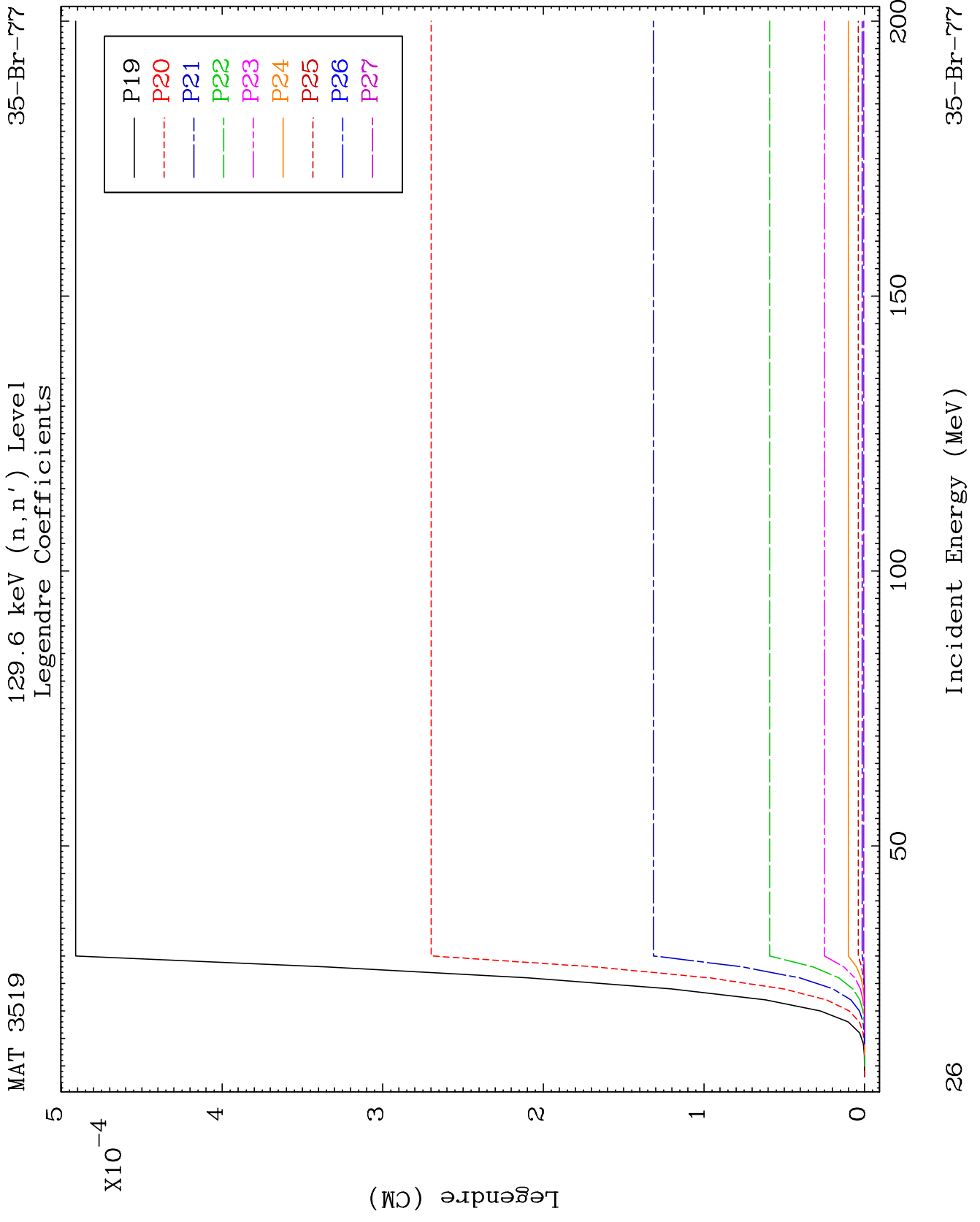
35-Br-77

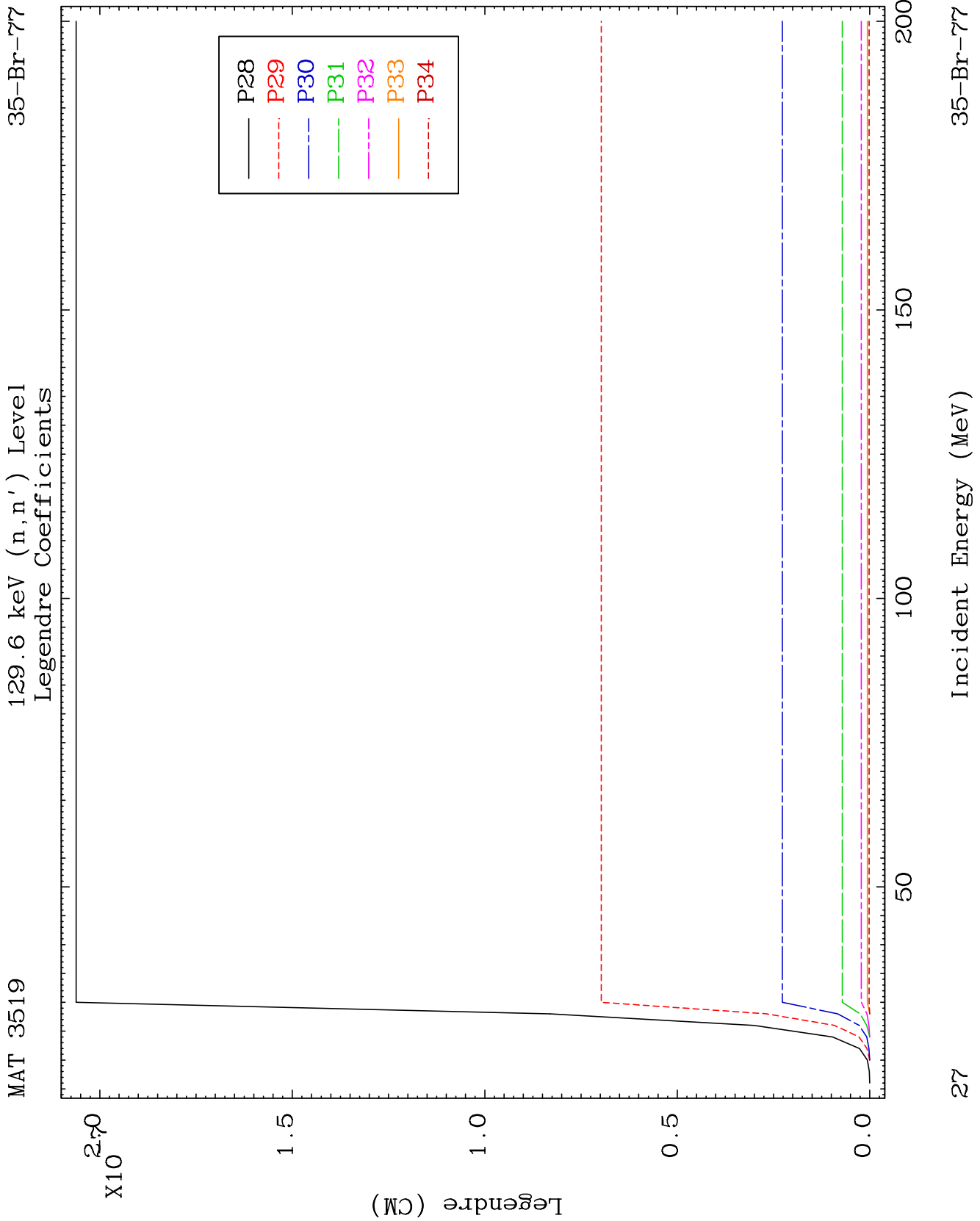


35-Br-77

Incident Energy (MeV)

25

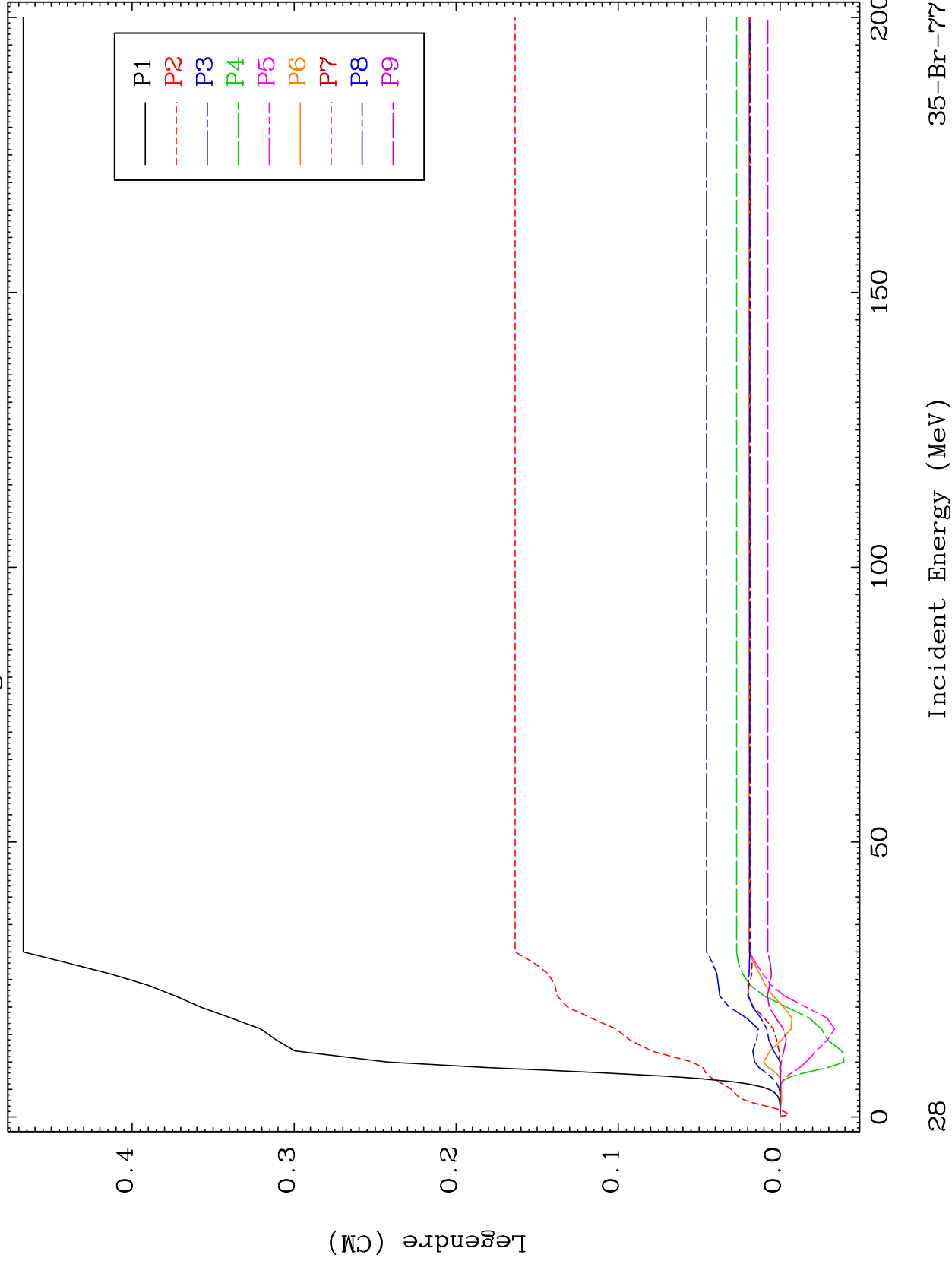




MAT 3519

161.9 keV (n,n') Level
Legendre Coefficients

35-Br-77

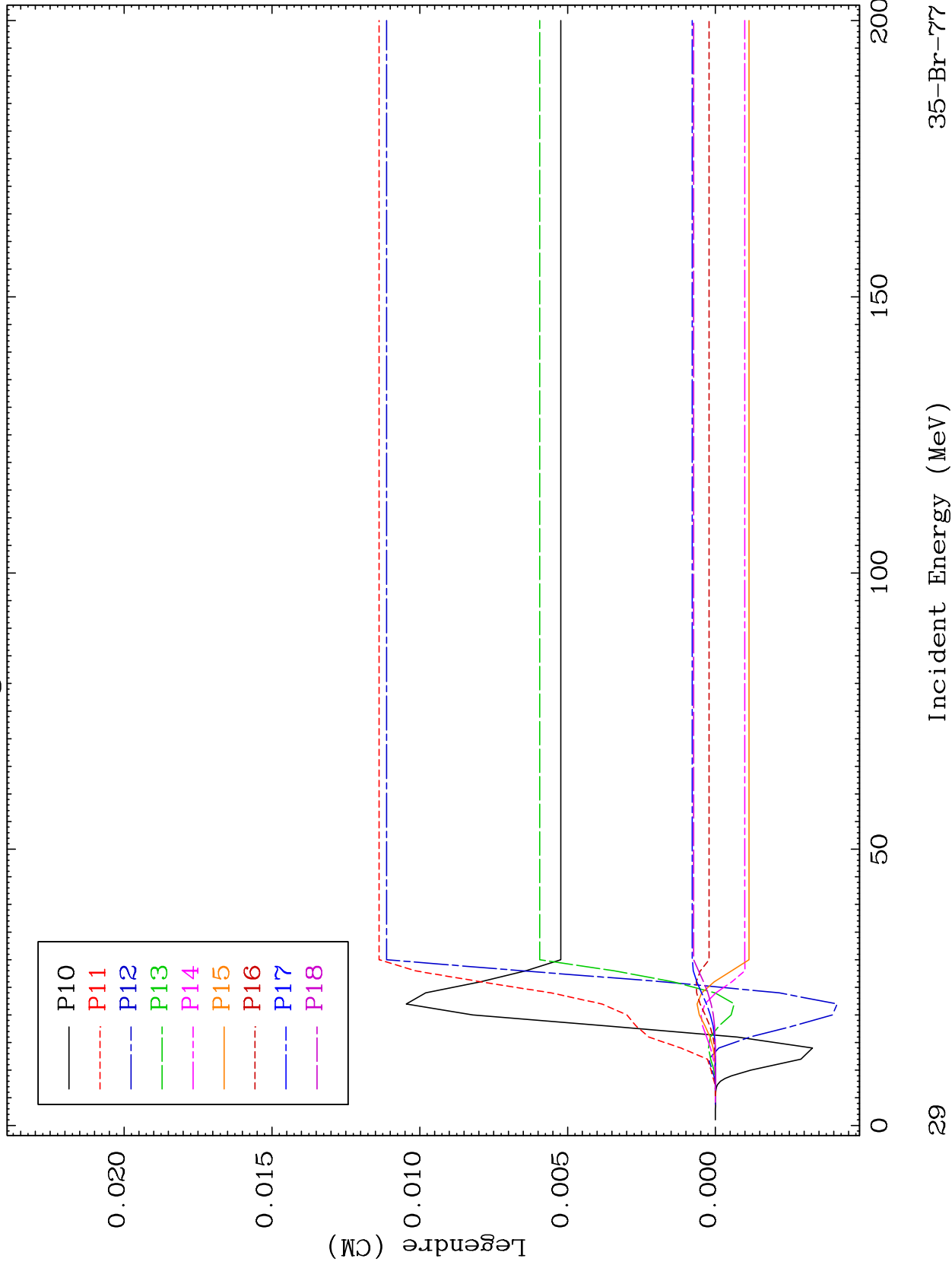


28

MAT 3519

161.9 keV (n,n') Level
Legendre Coefficients

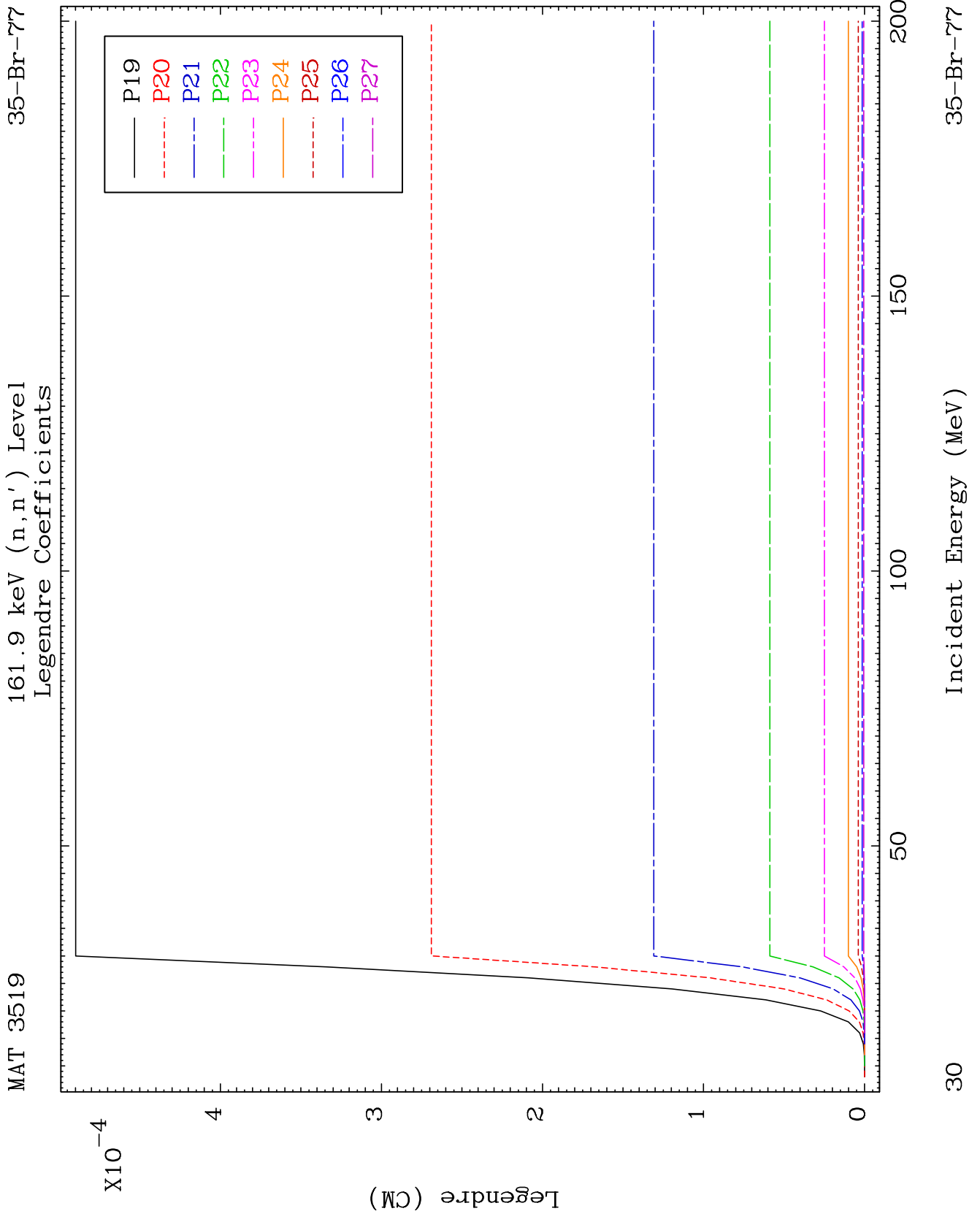
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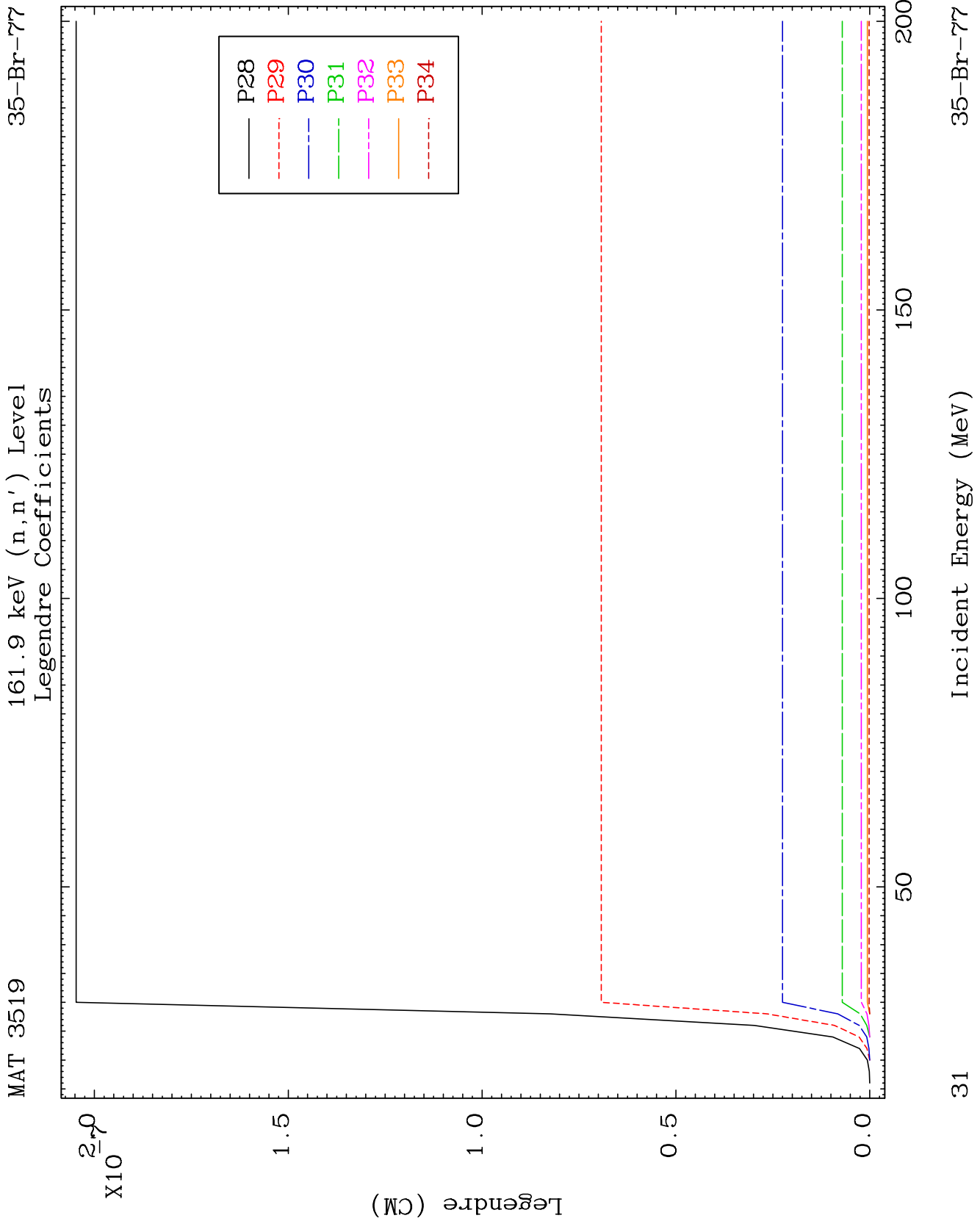


29

Incident Energy (MeV)

35-Br-77

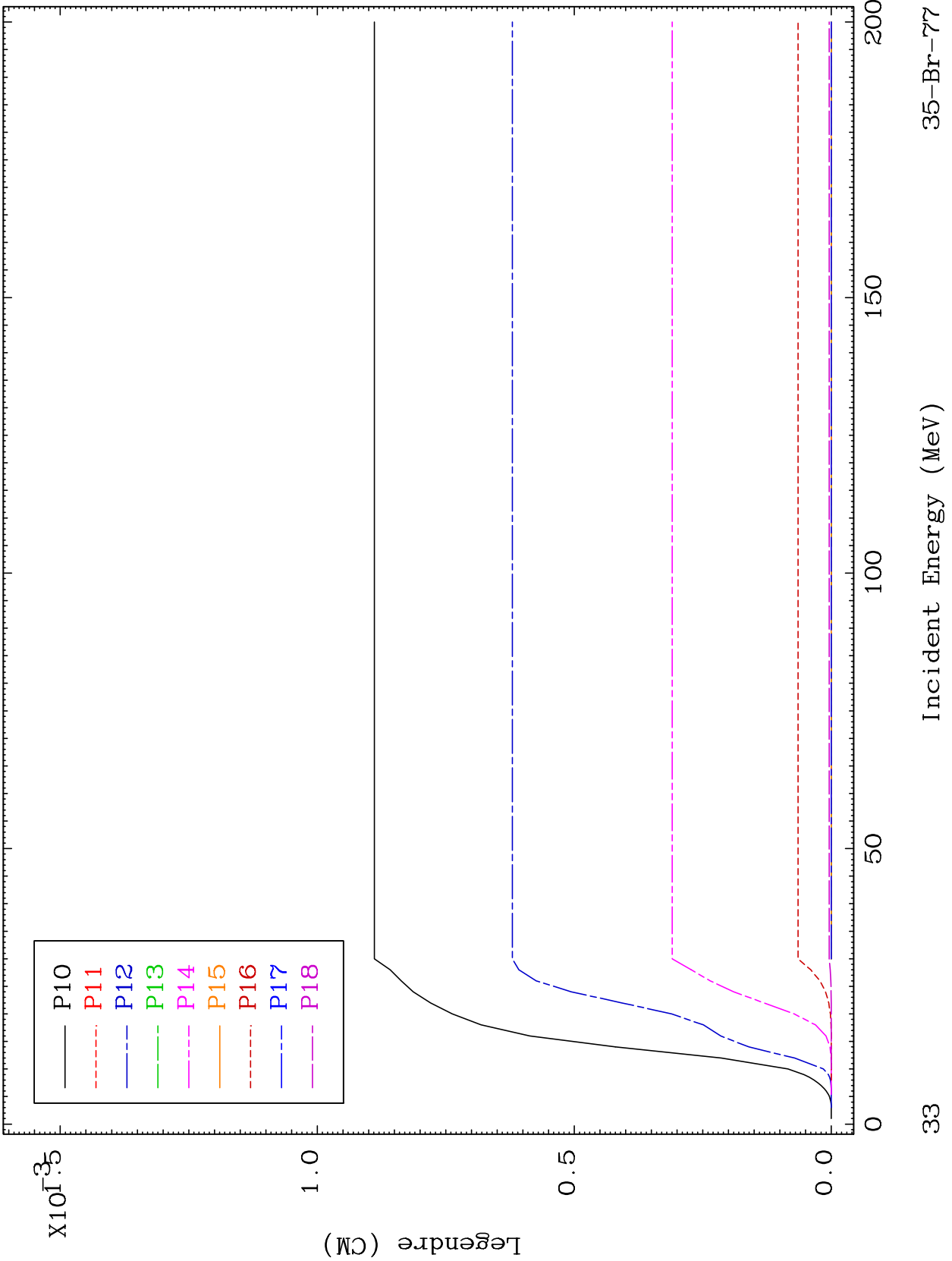
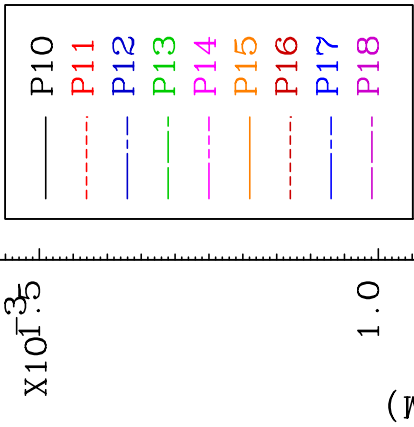




MAT 3519

166.7 keV (n,n') Level
Legendre Coefficients

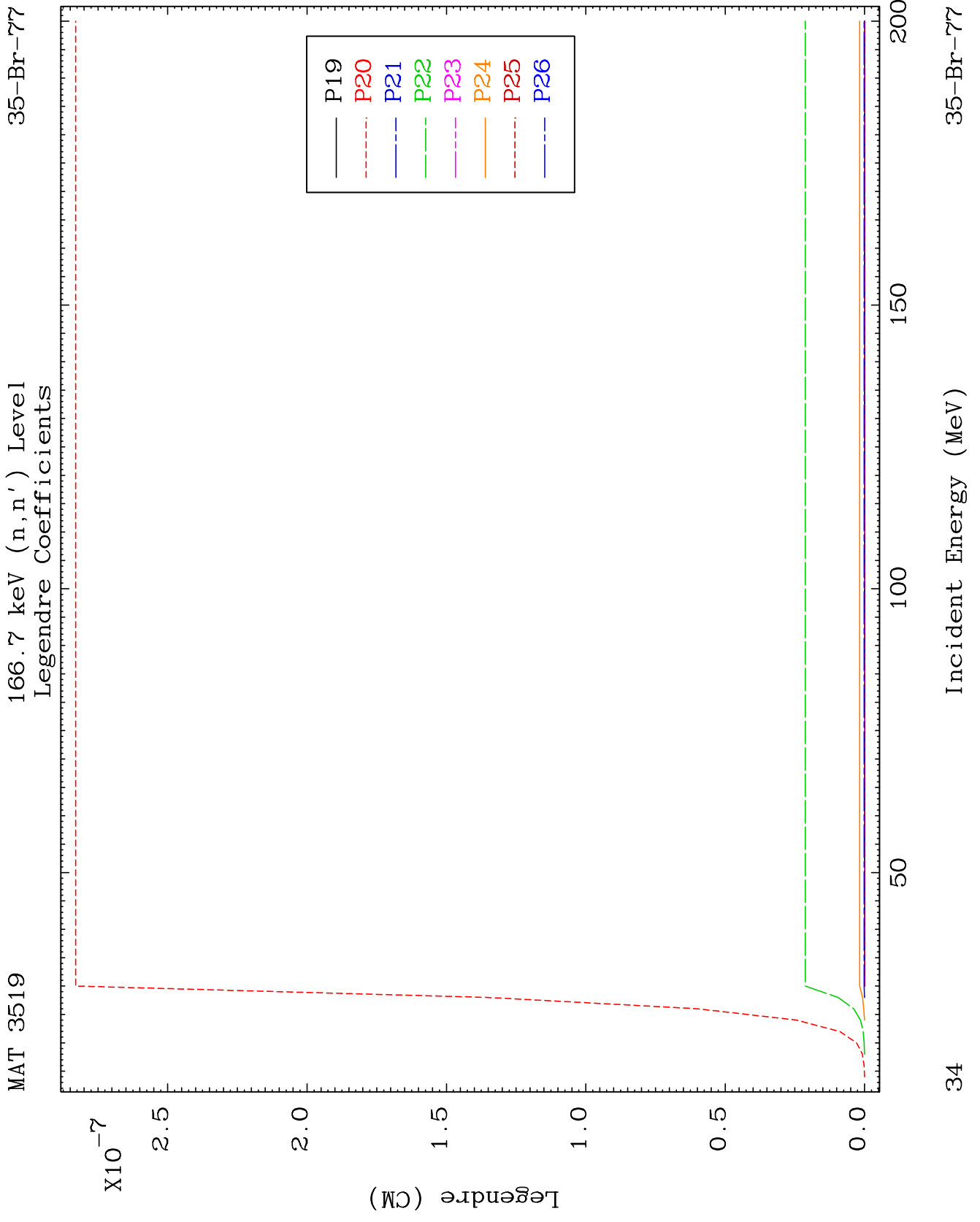
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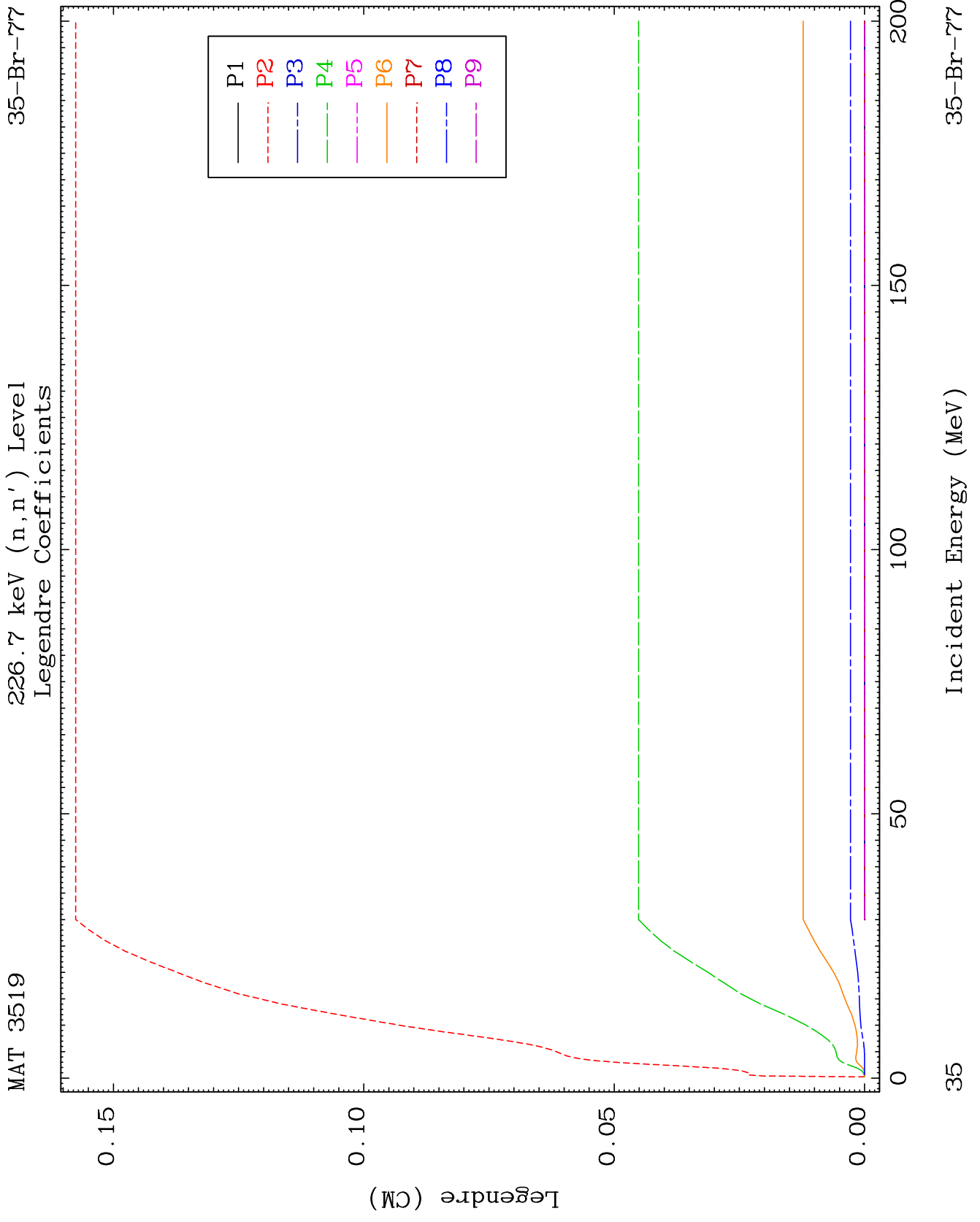


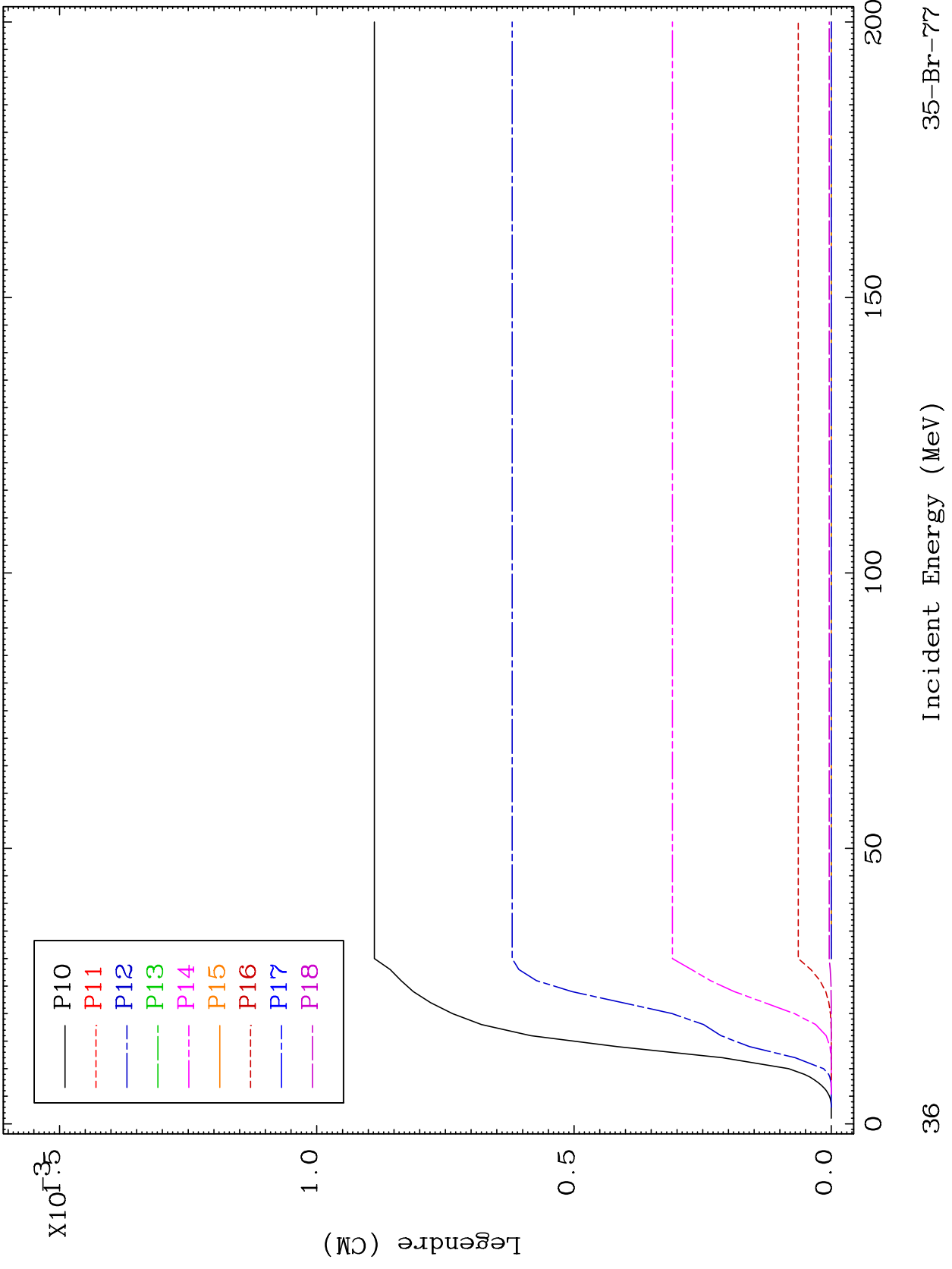
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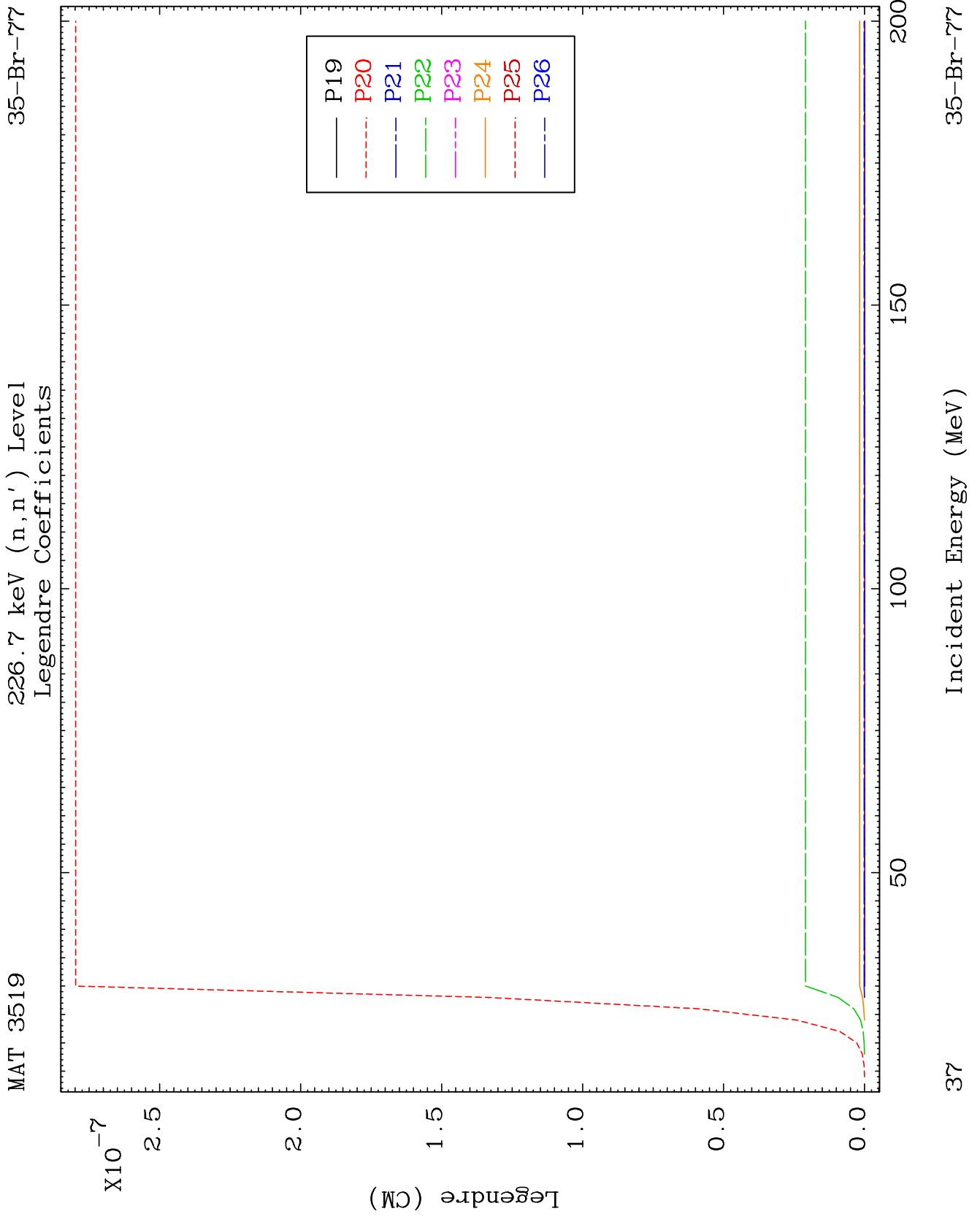
Incident Energy (MeV)

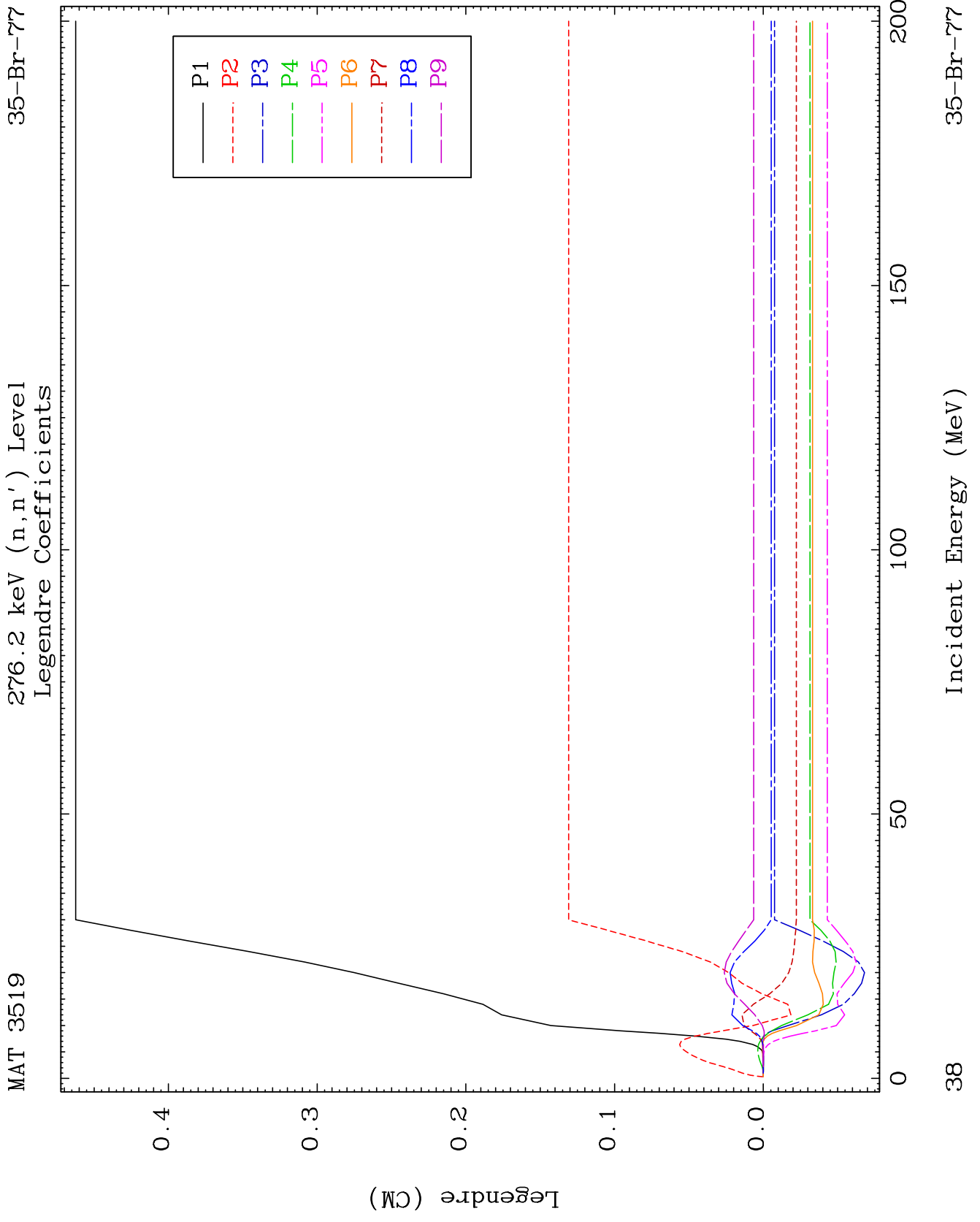
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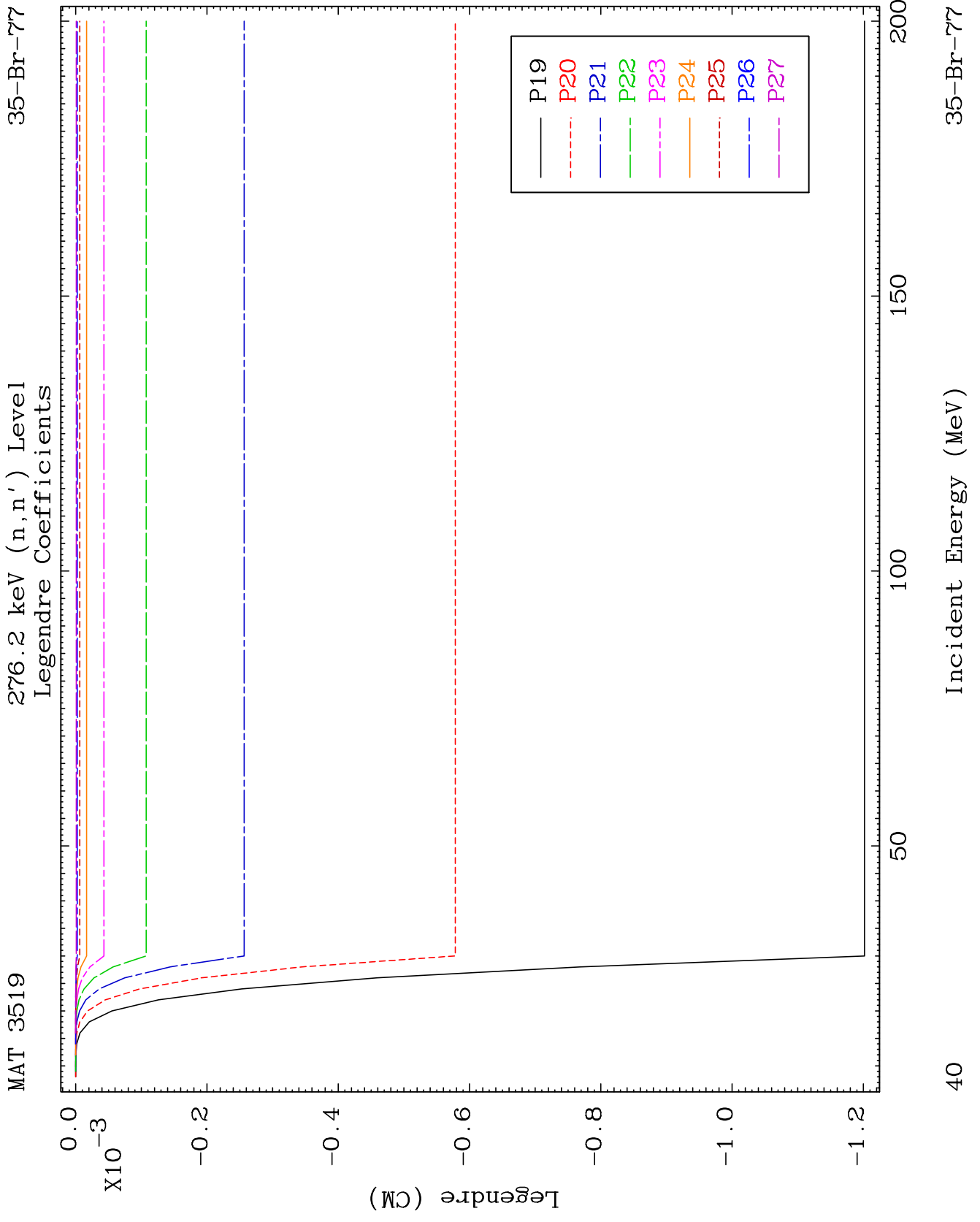


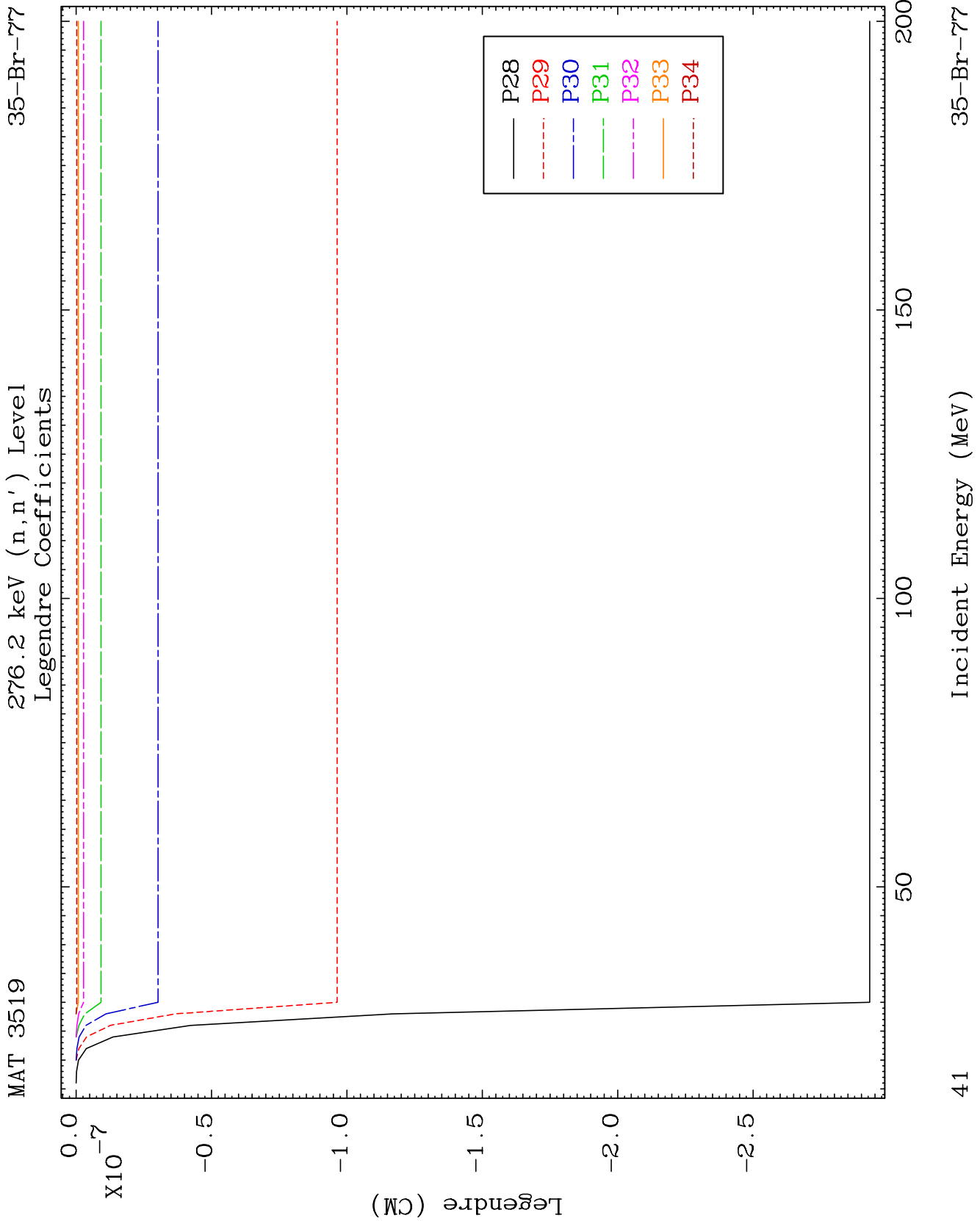








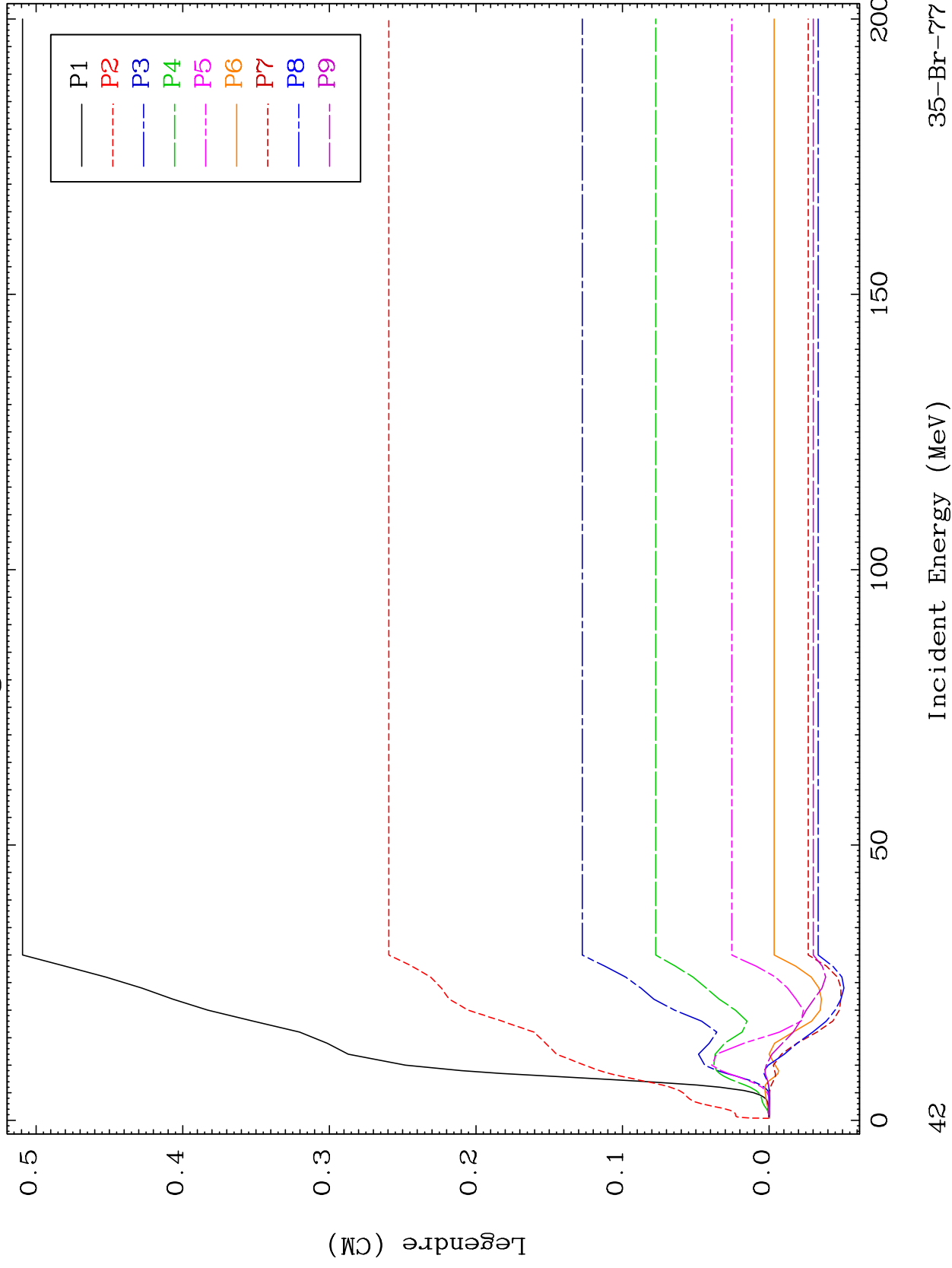




MAT 3519

336.7 keV (n,n') Level
Legendre Coefficients

35-Br-77



42

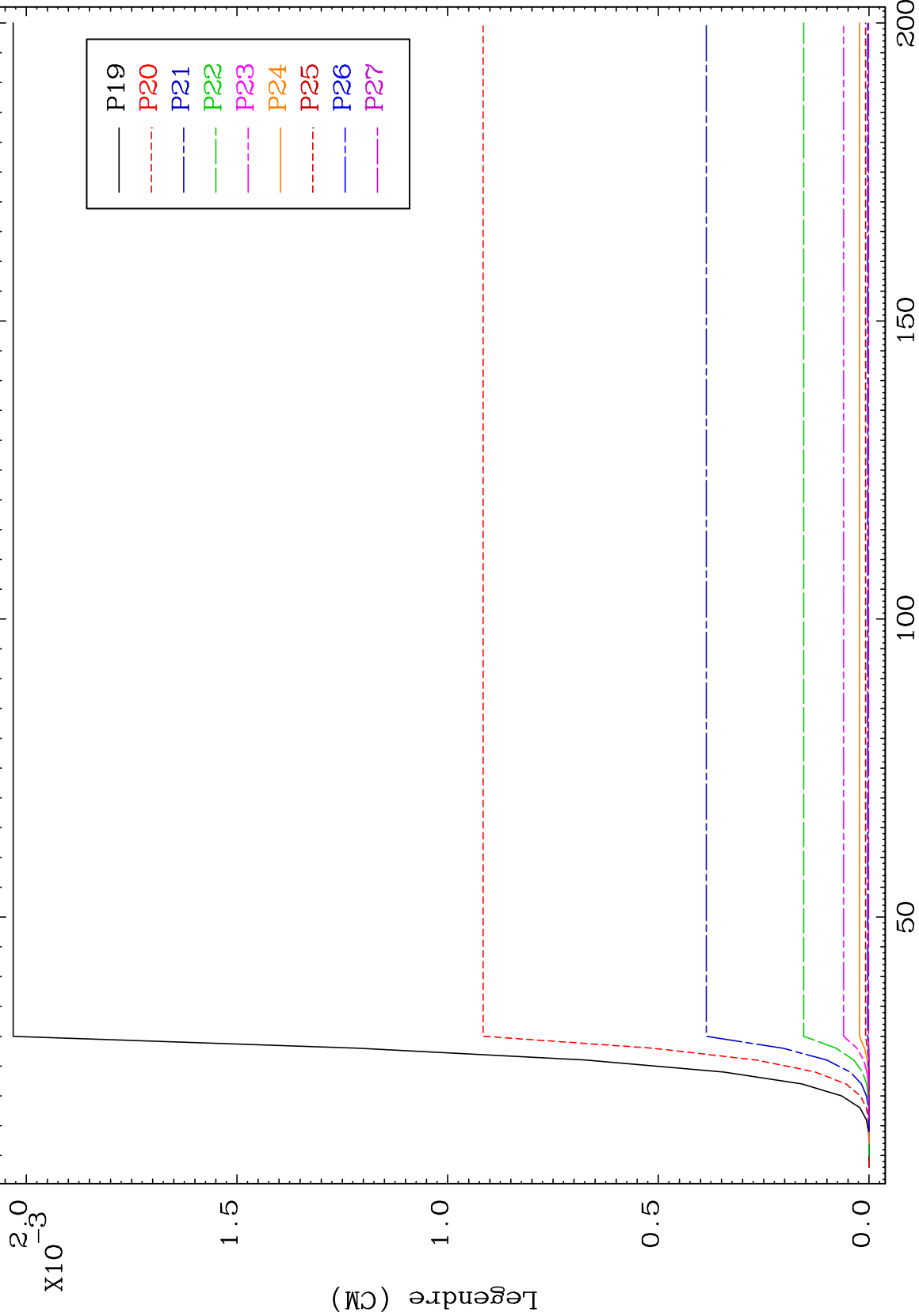
Incident Energy (MeV)

35-Br-77

MAT 3519

336.7 keV (n,n') Level
Legendre Coefficients

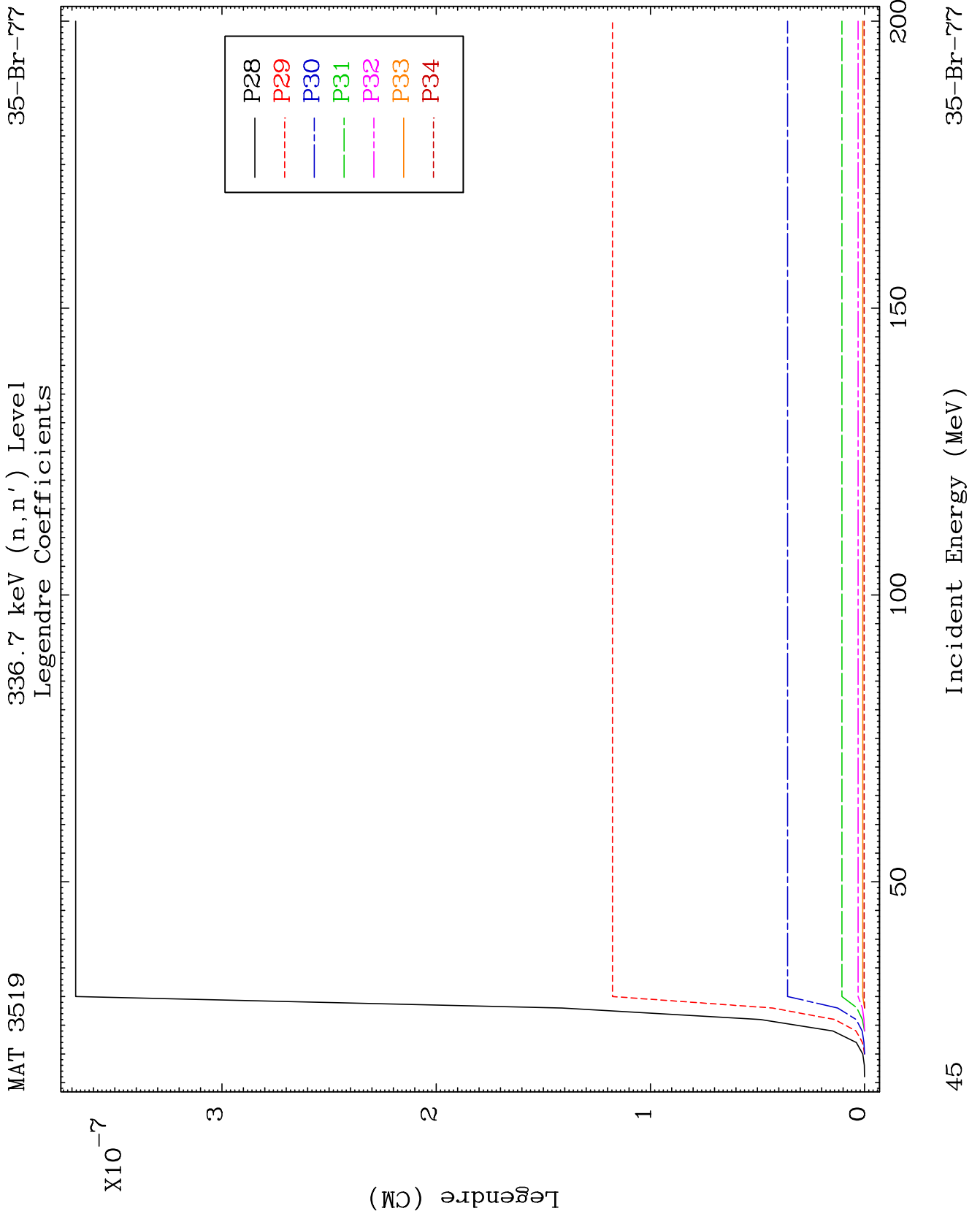
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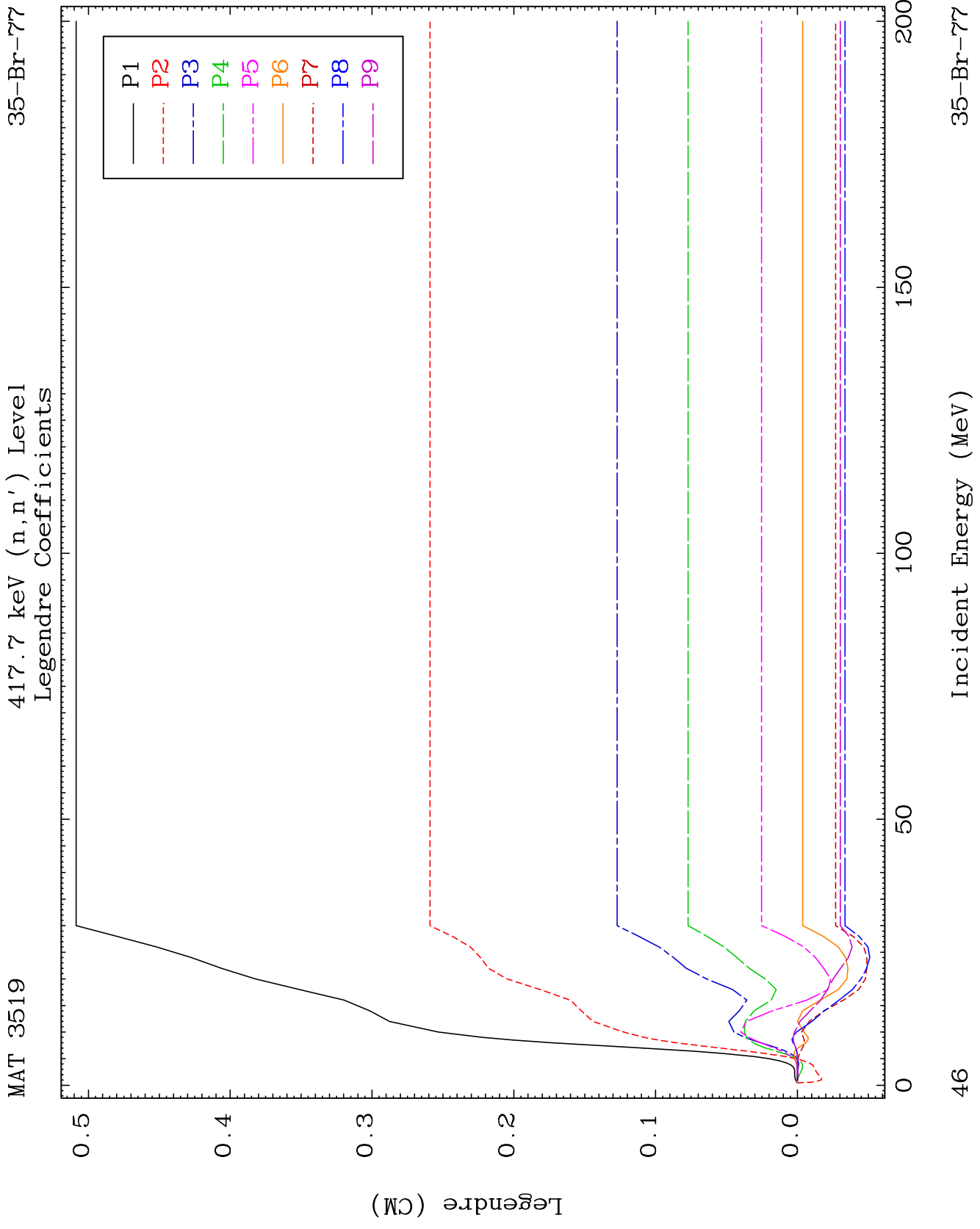


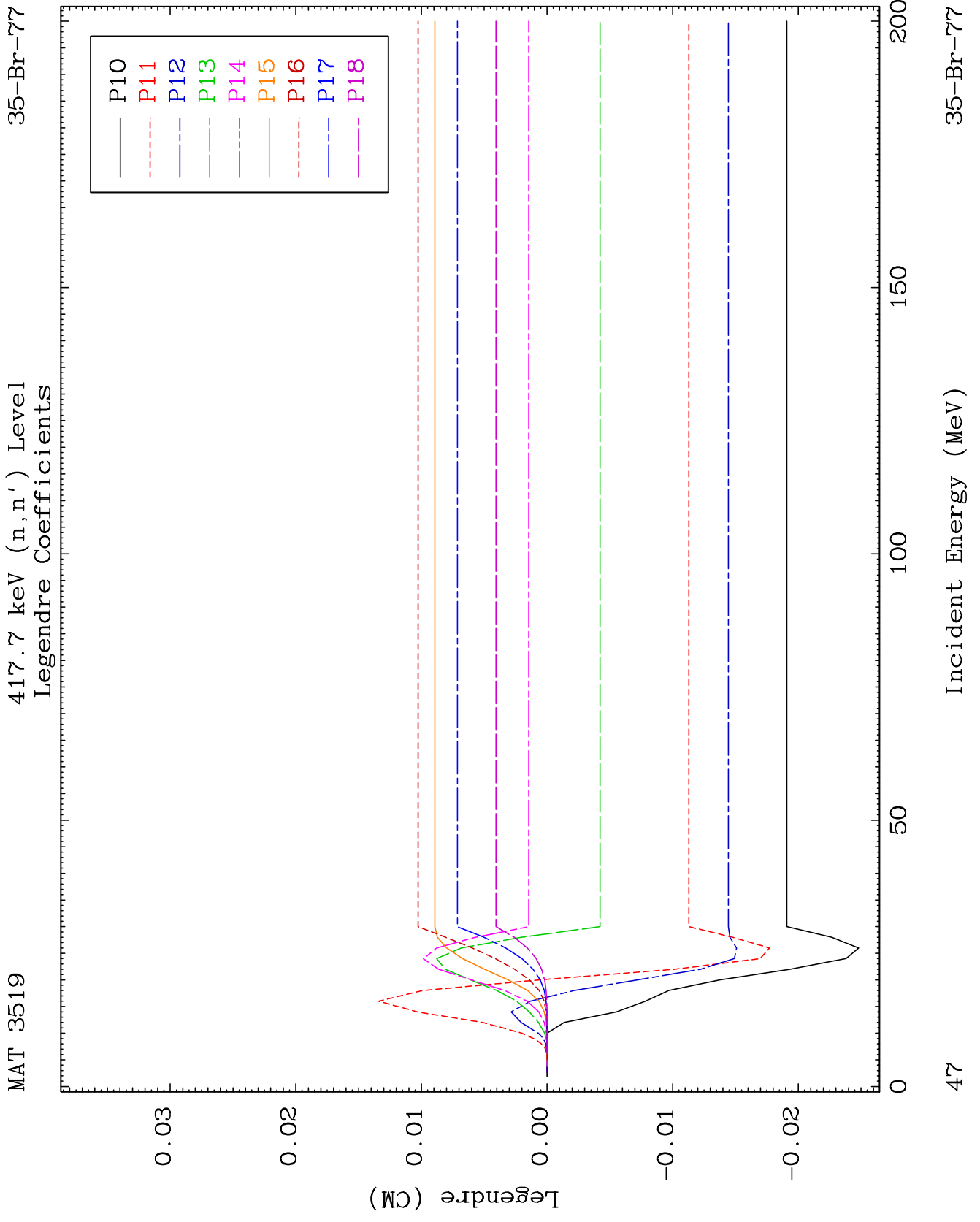
44

Incident Energy (MeV)

35-Br-77



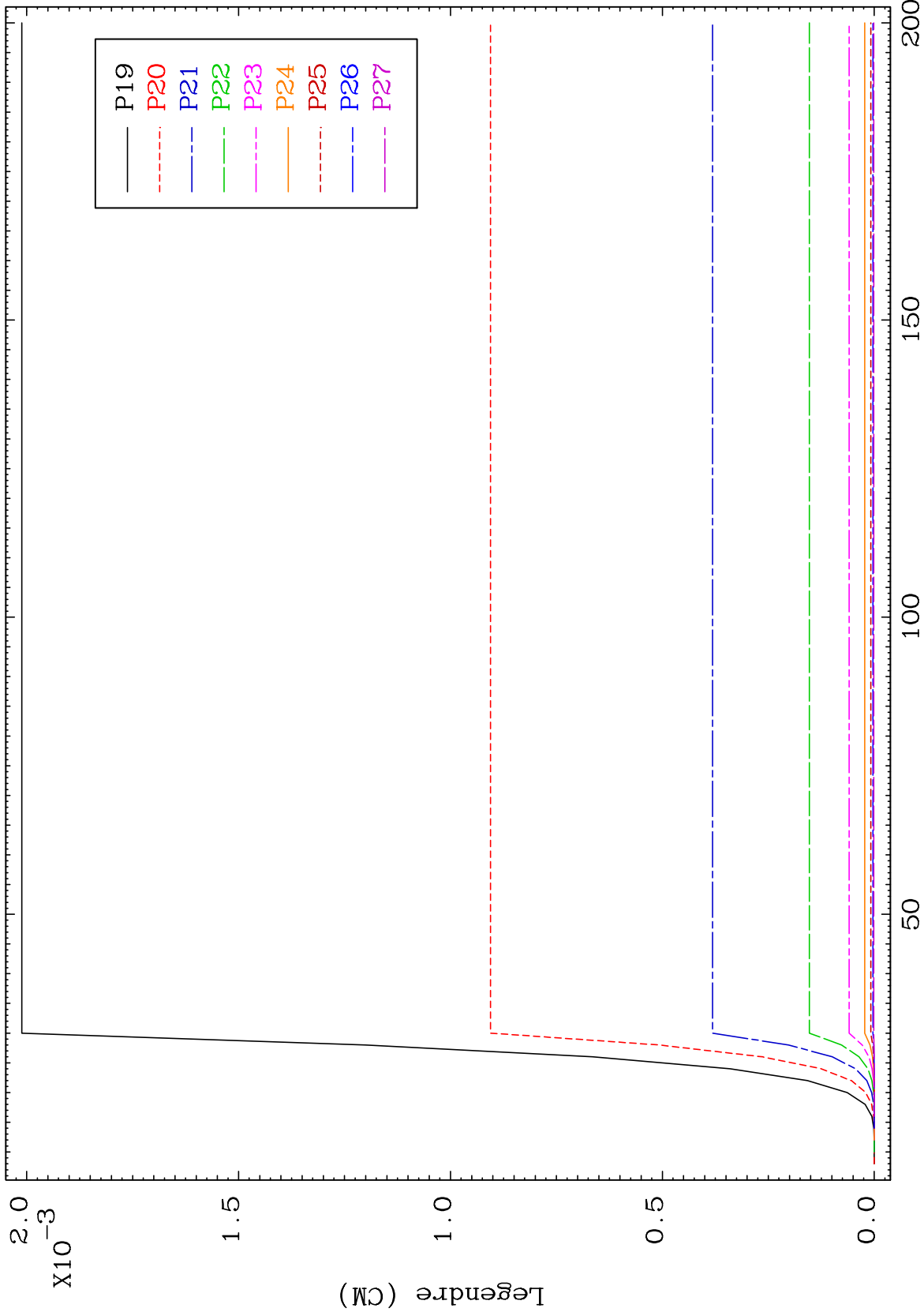




MAT 3519

417.7 keV (n,n') Level
Legendre Coefficients

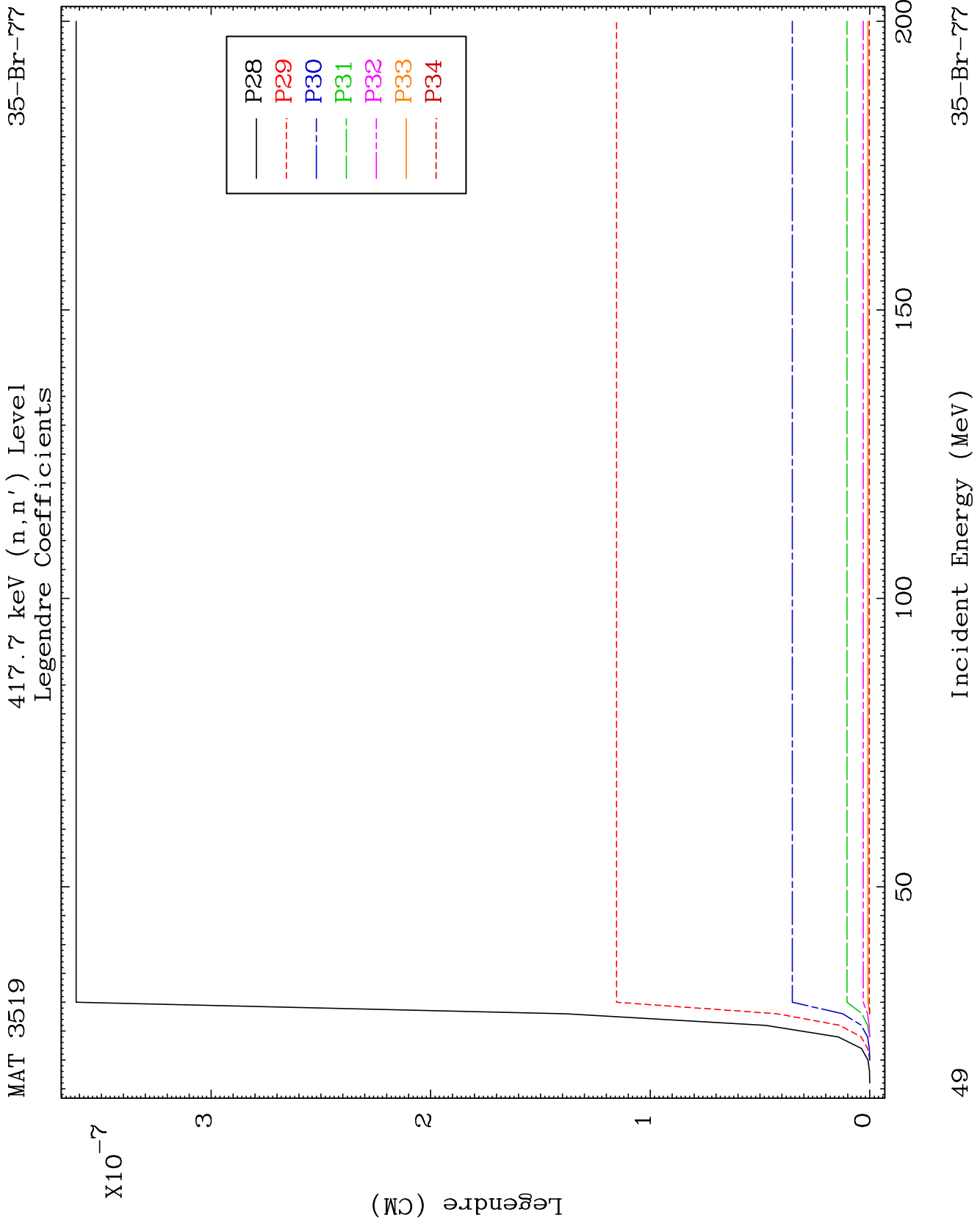
35-Br-77



48

Incident Energy (MeV)

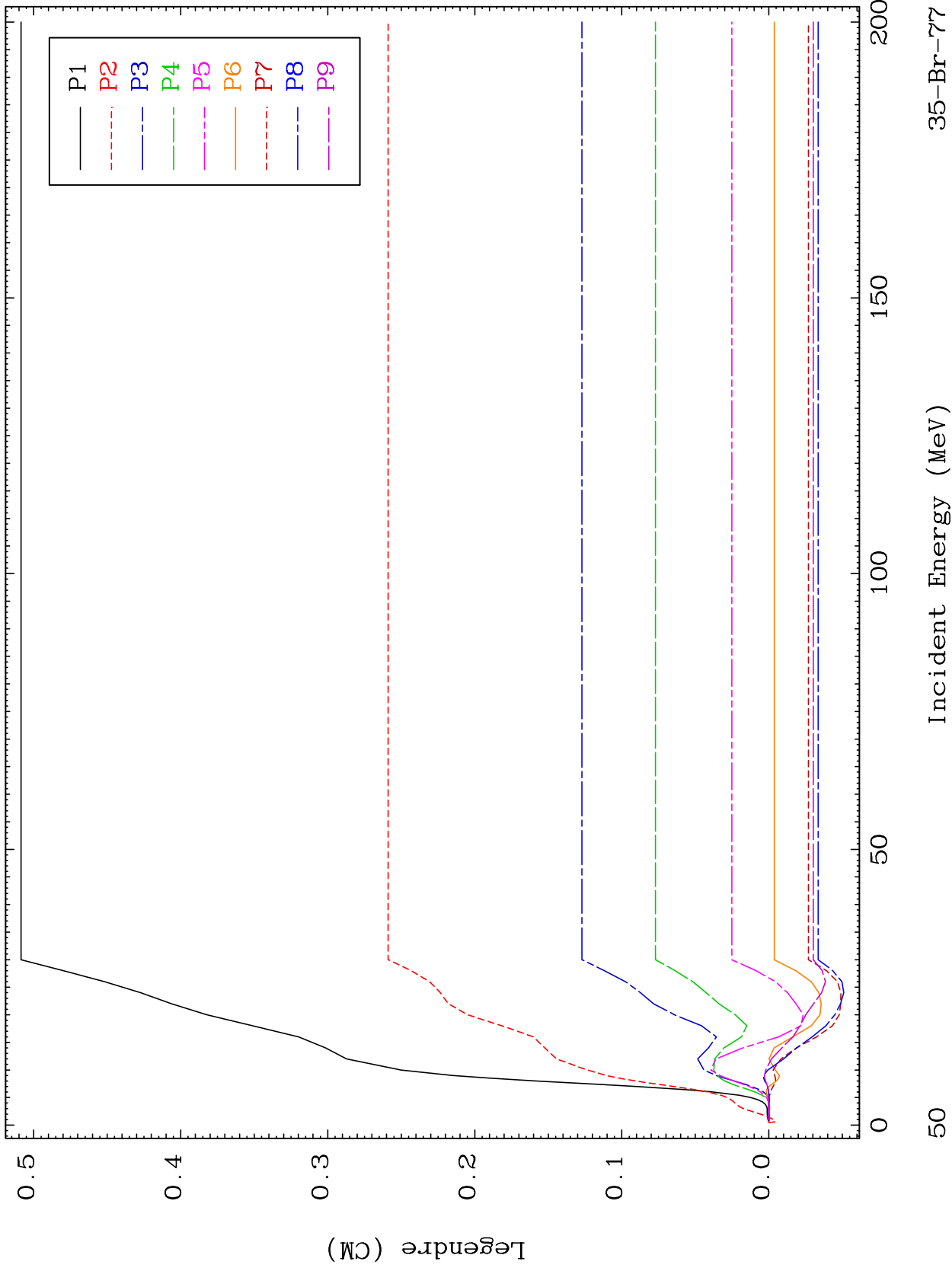
35-Br-77



MAT 3519

424.7 keV (n,n') Level
Legendre Coefficients

35-Br-77

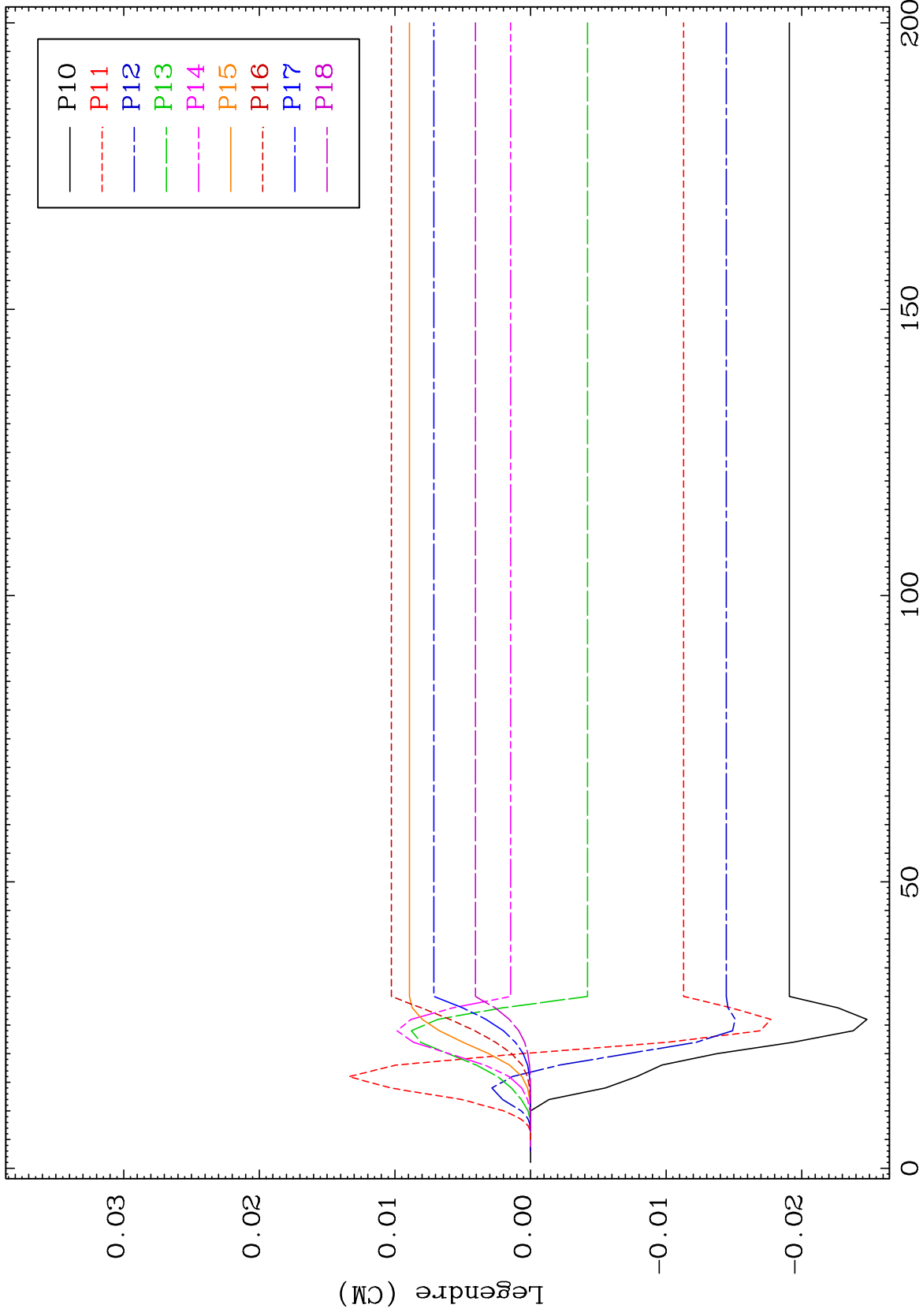


35-Br-77

MAT 3519

424.7 keV (n,n') Level
Legendre Coefficients

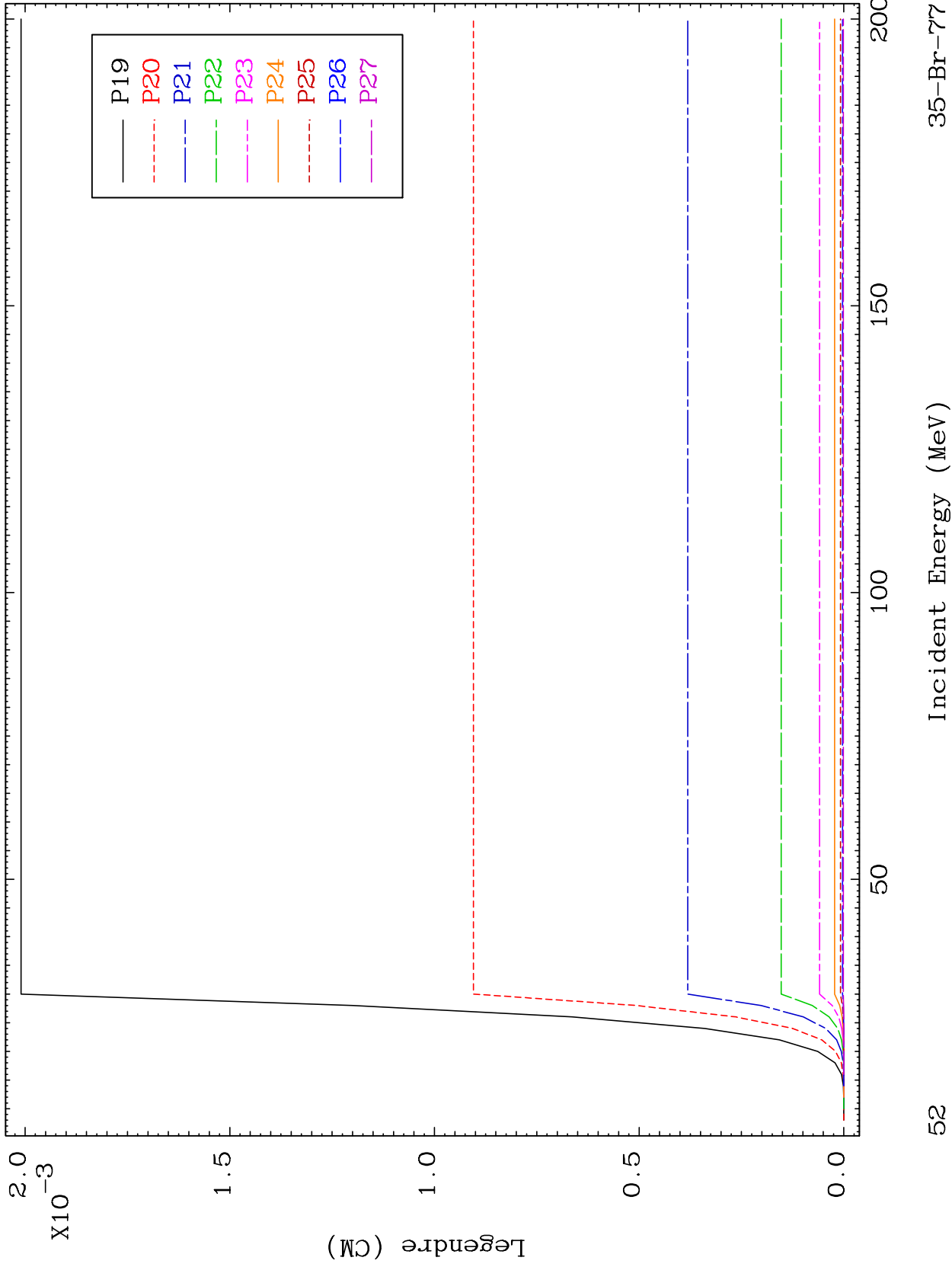
35-Br-77



51

Incident Energy (MeV)

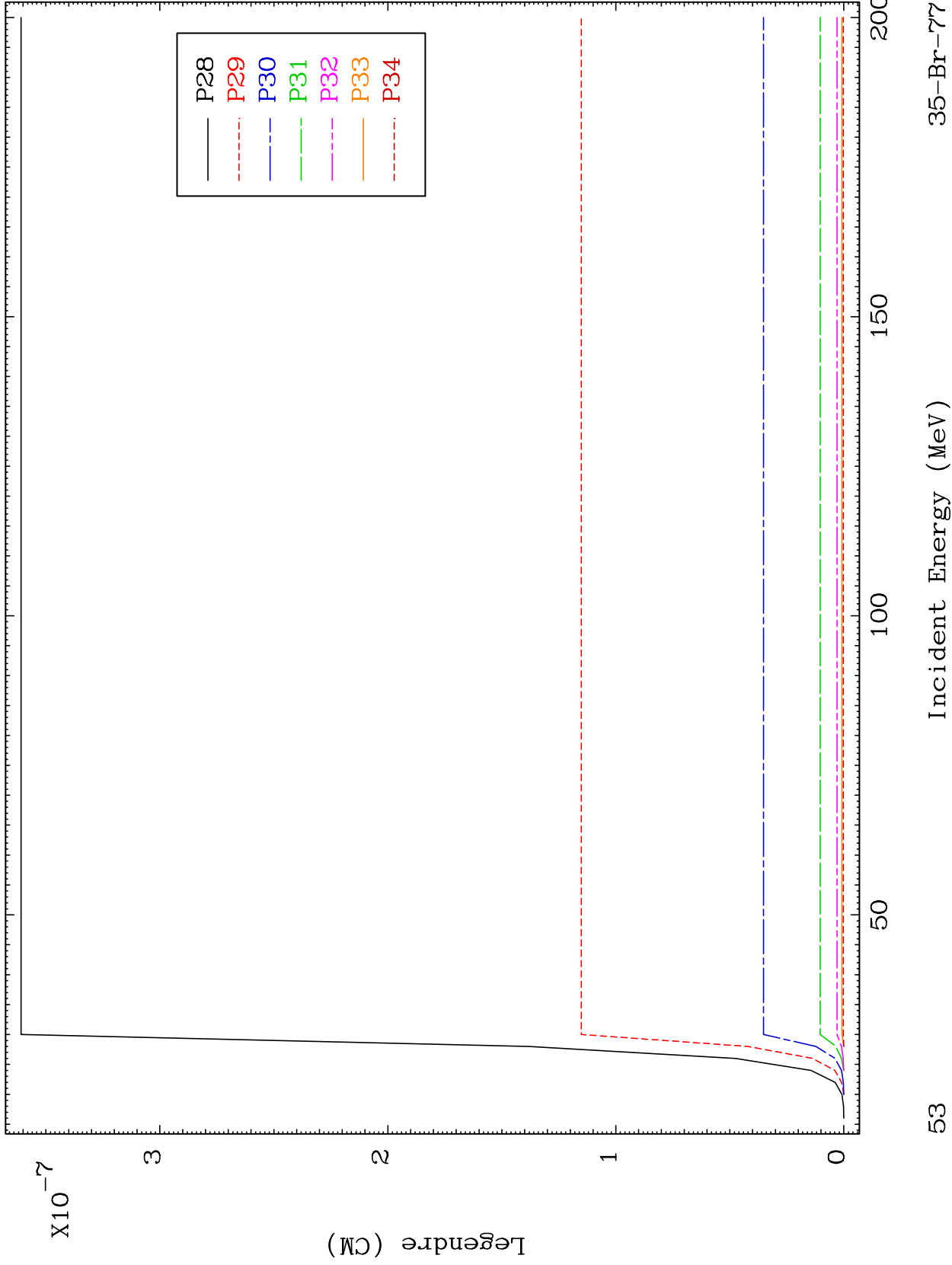
35-Br-77



MAT 3519

424.7 keV (n,n') Level
Legendre Coefficients

35-Br-77



53

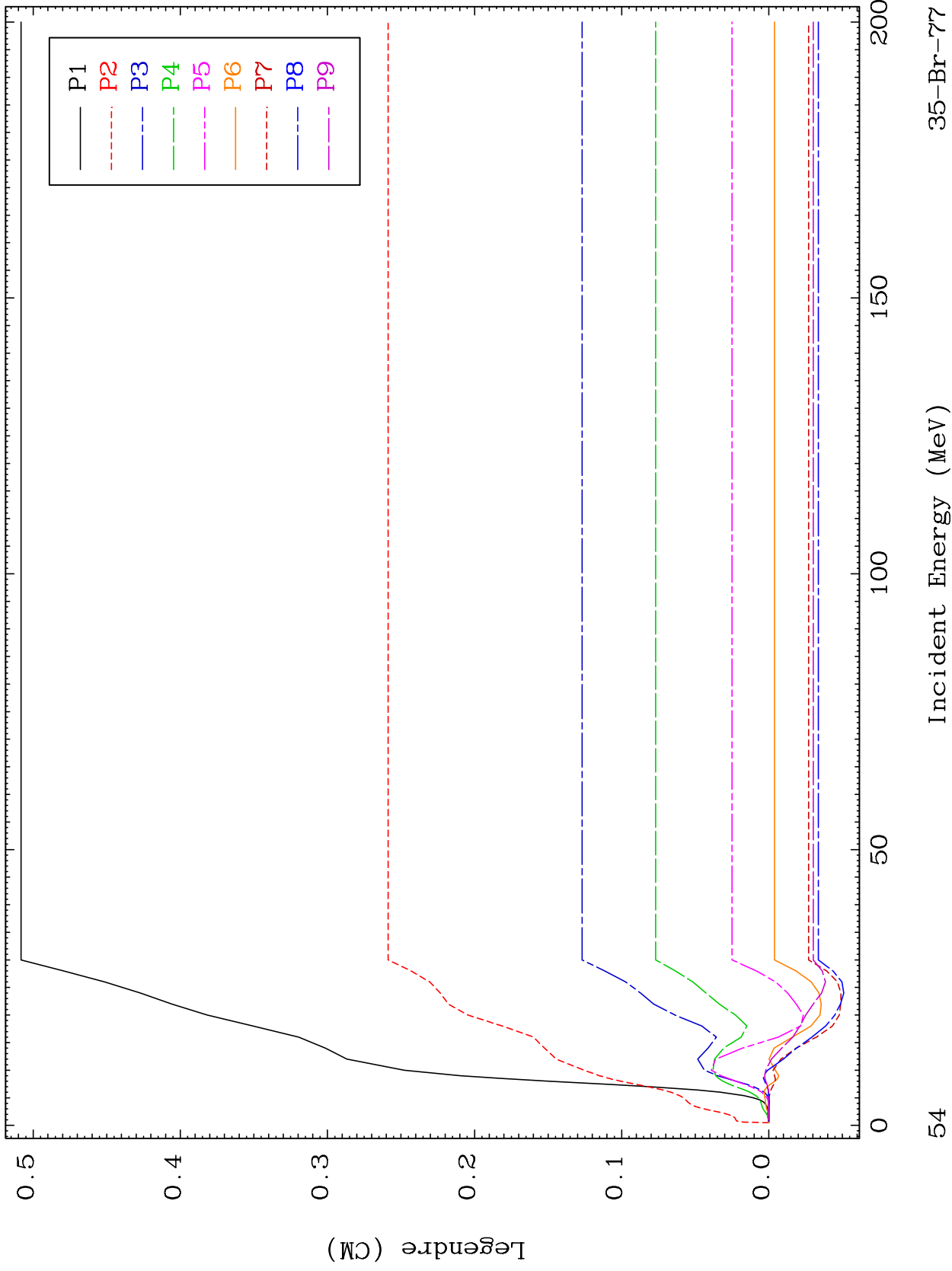
Incident Energy (MeV)

35-Br-77

MAT 3519

471.2 keV (n,n') Level
Legendre Coefficients

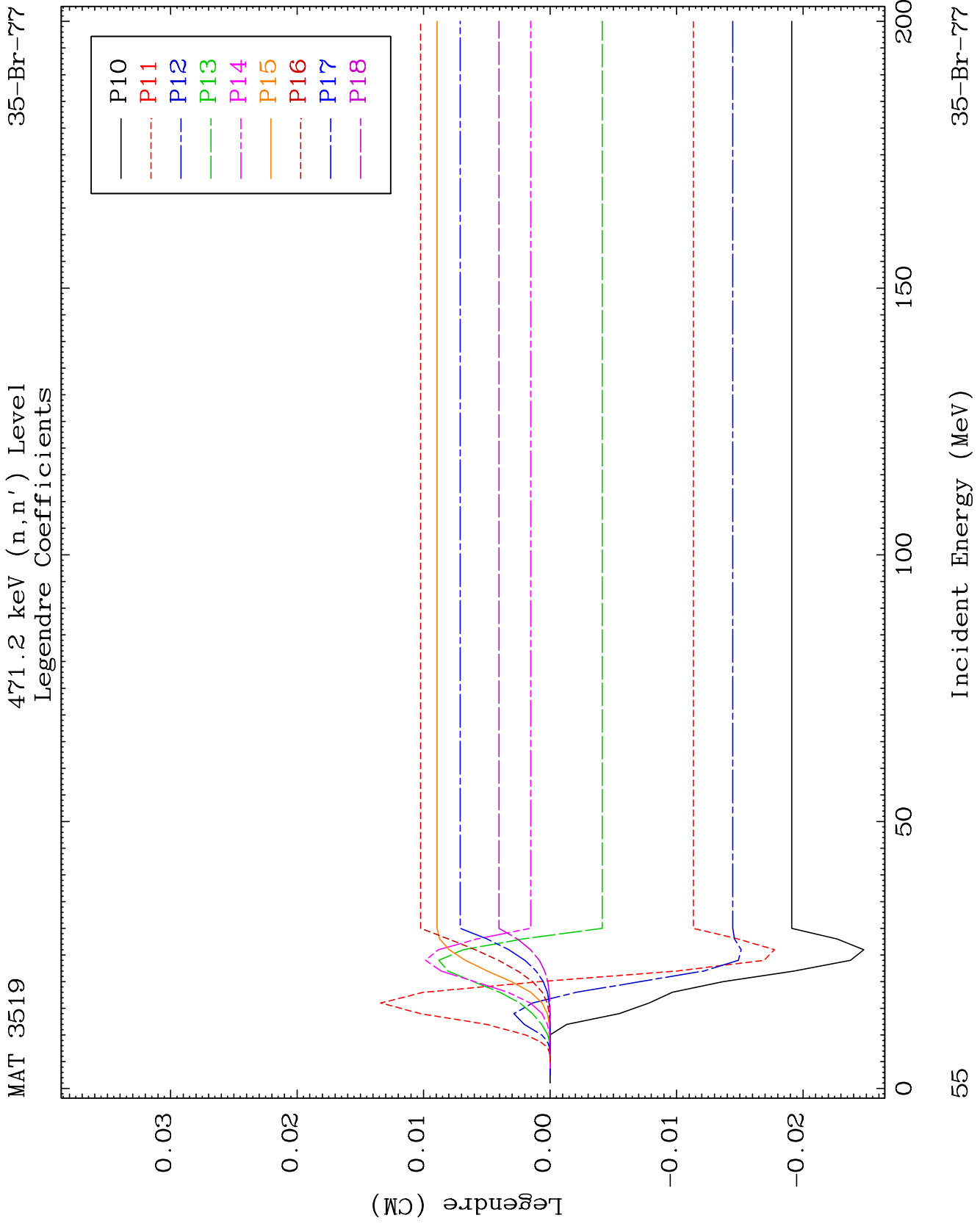
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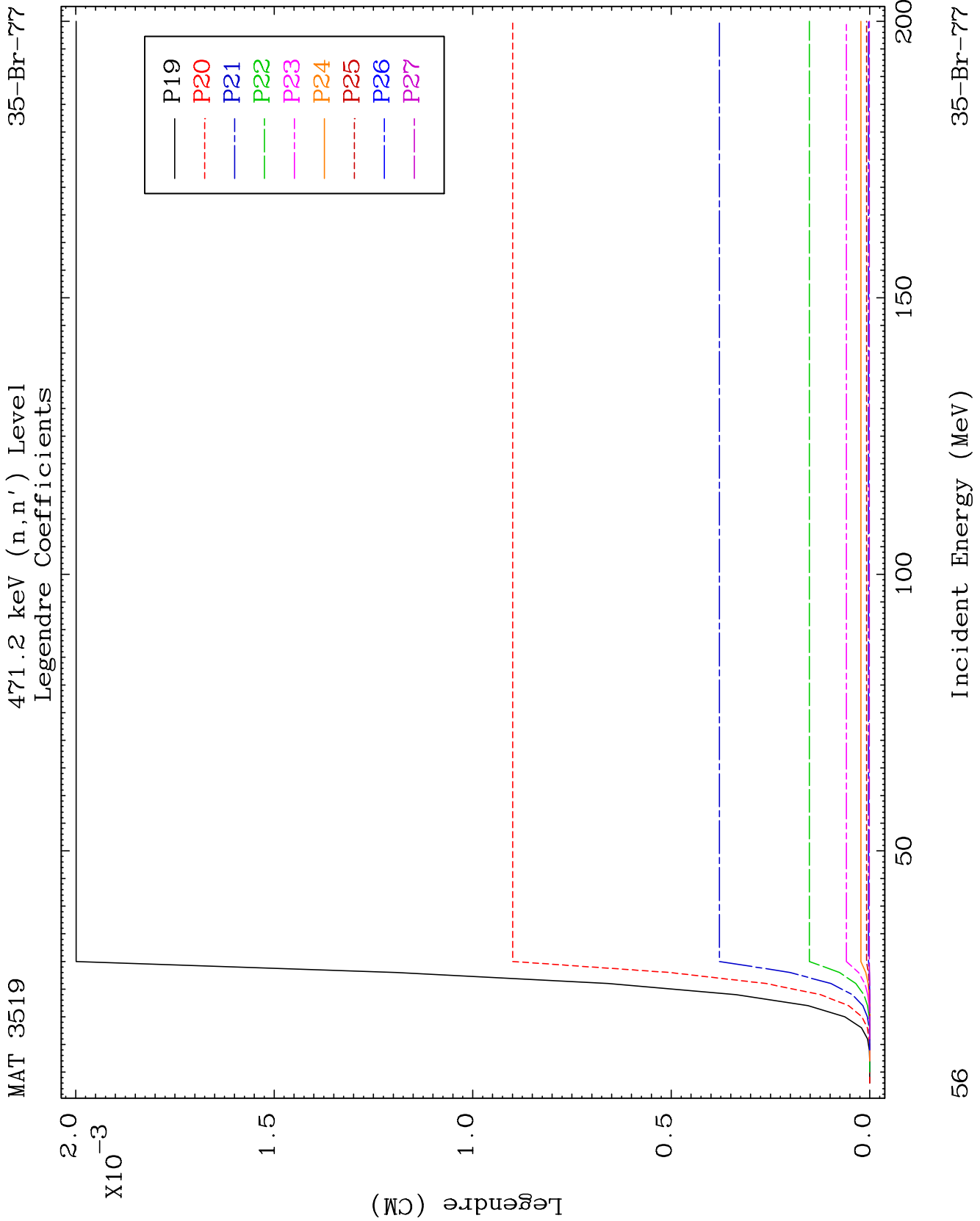


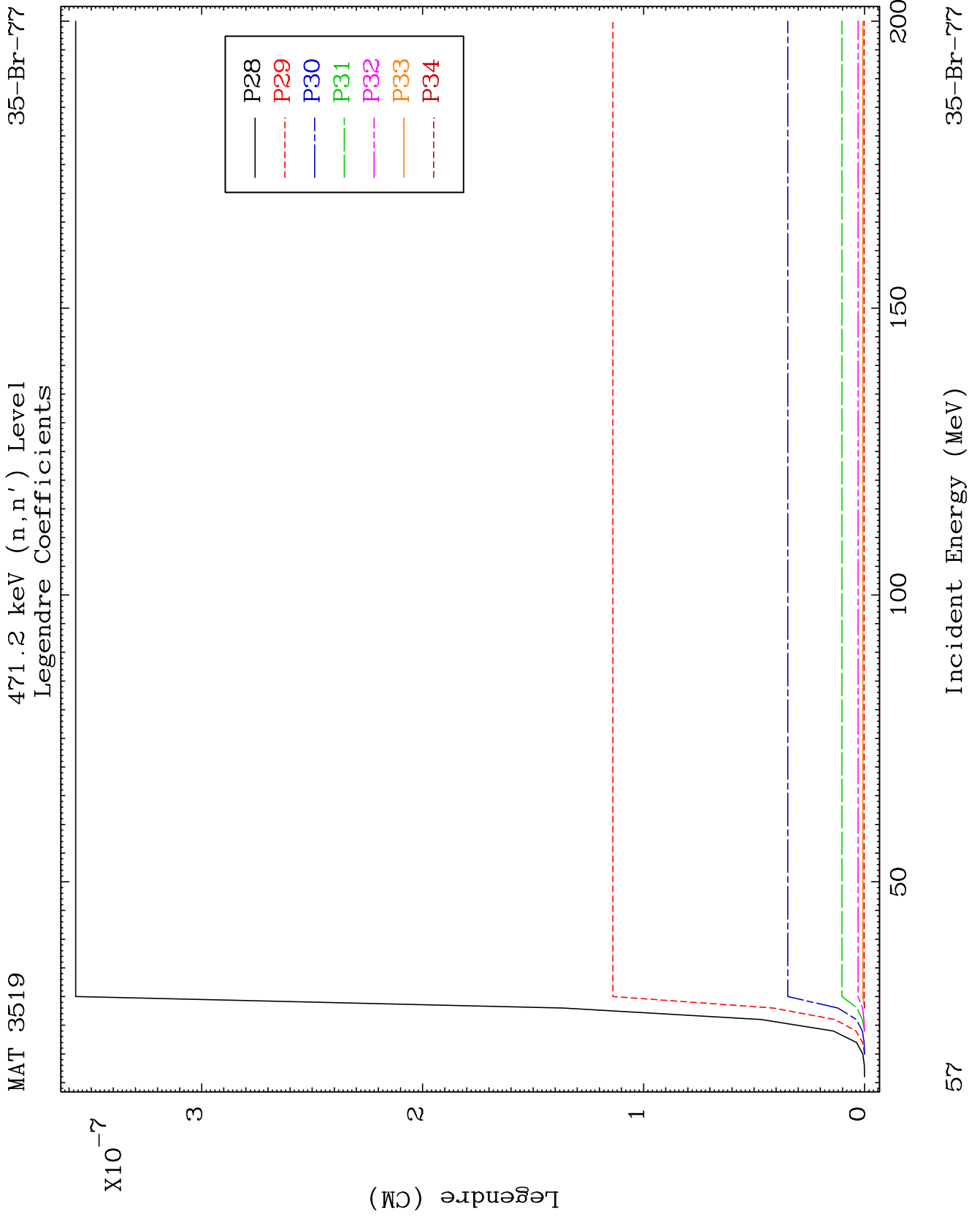
54

Incident Energy (MeV)

35-Br-77



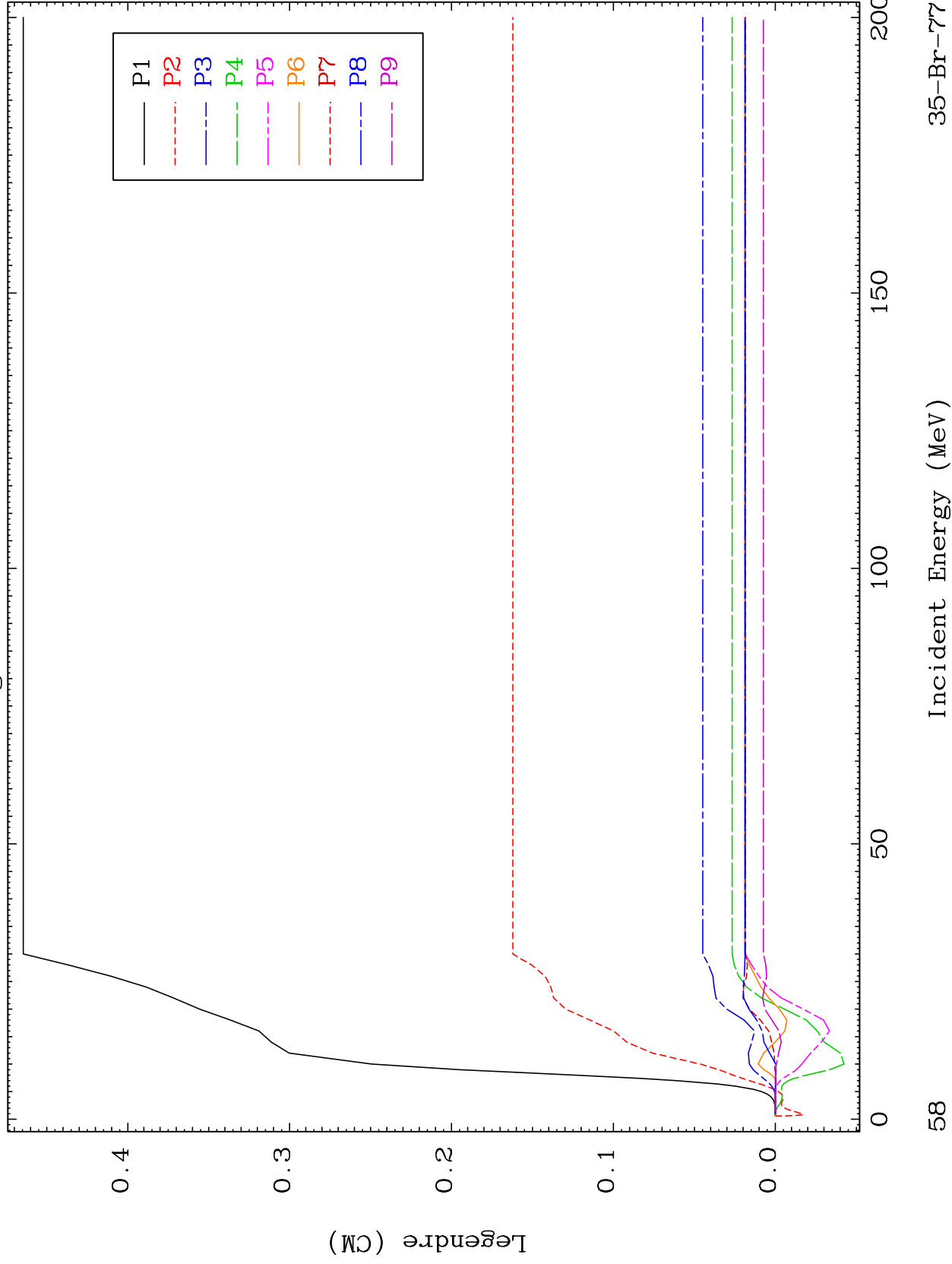




MAT 3519

575.9 keV (n,n') Level
Legendre Coefficients

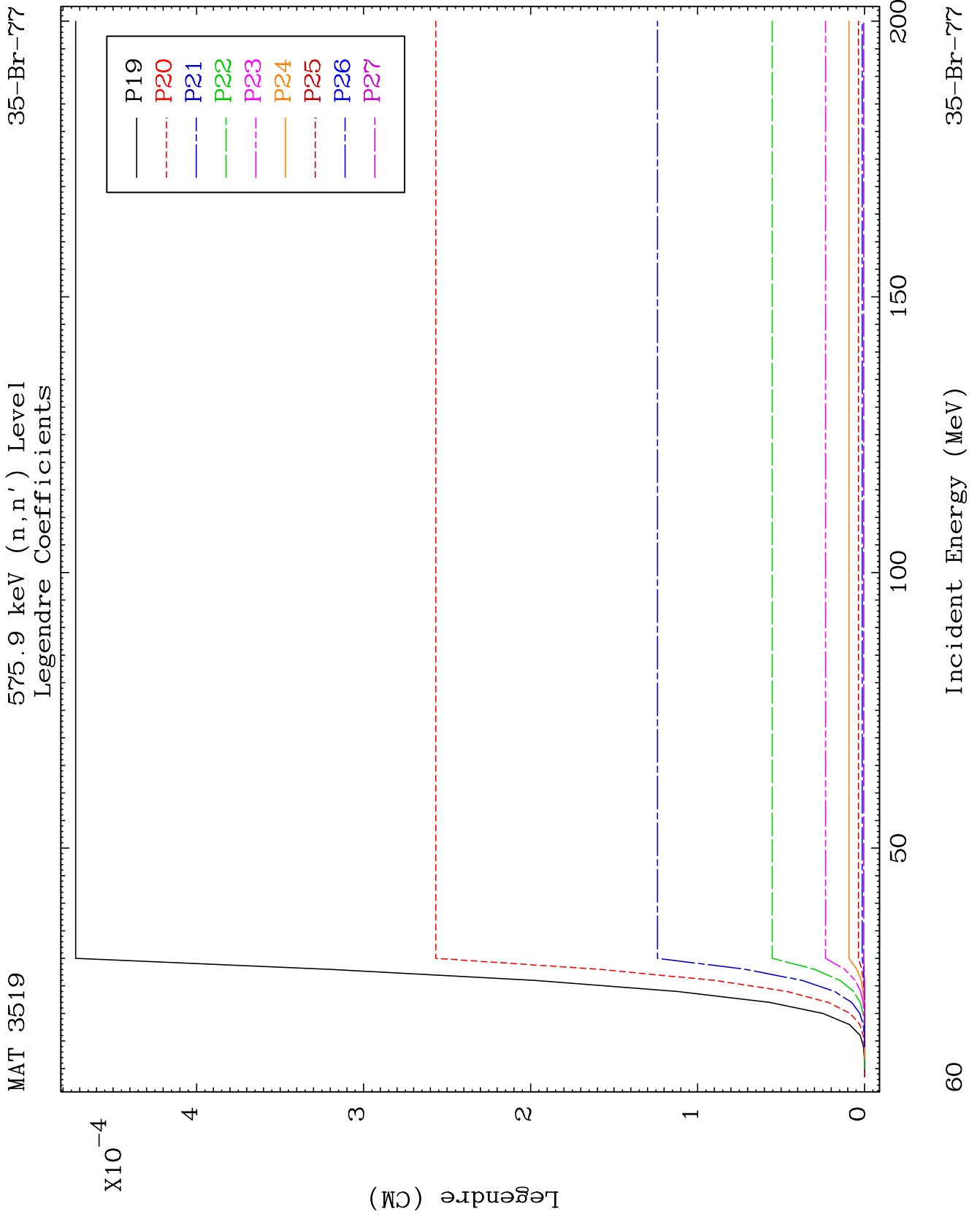
35-Br-77



35-Br-77

Incident Energy (MeV)

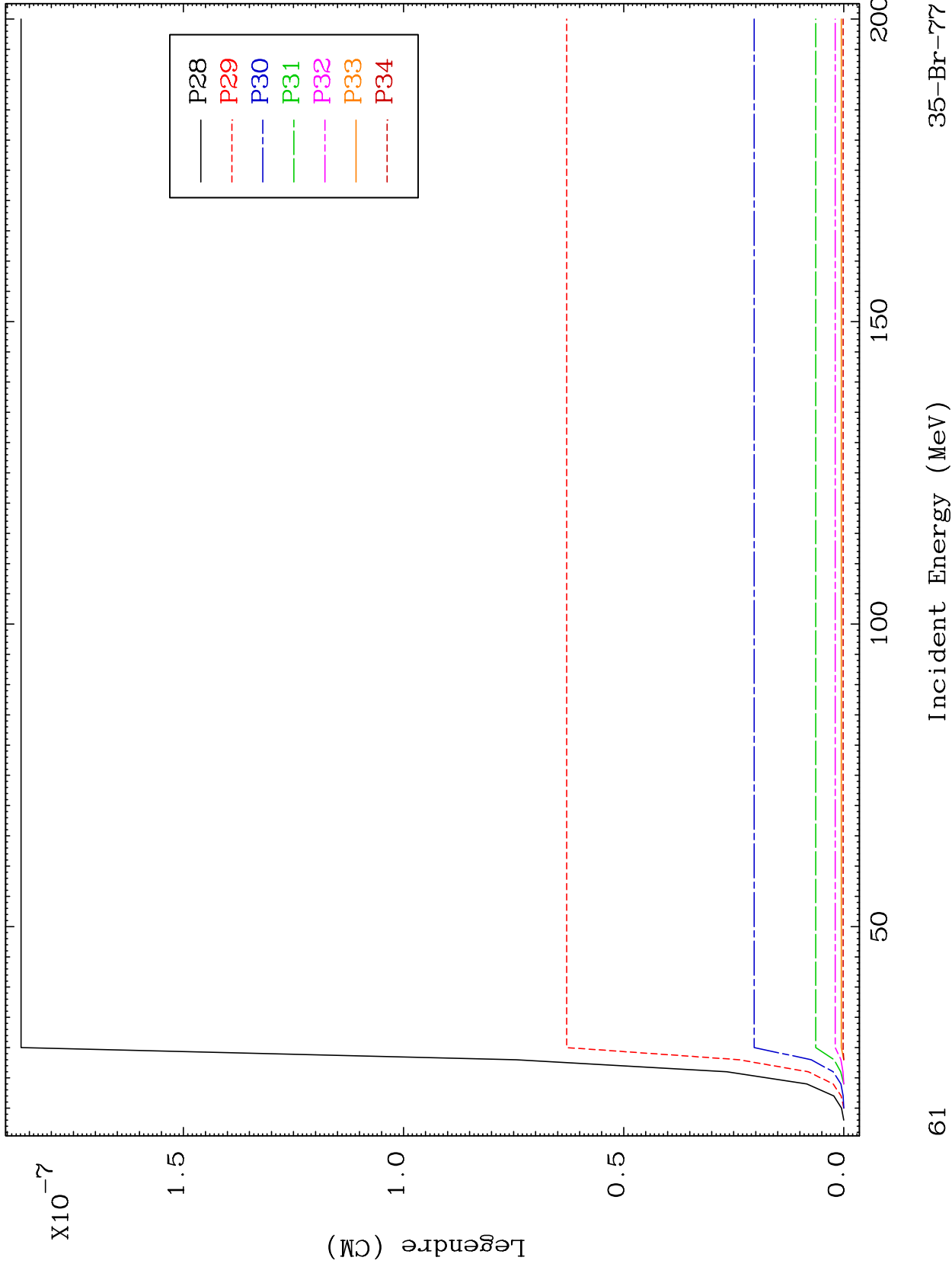
58



MAT 3519

575.9 keV (n,n') Level
Legendre Coefficients

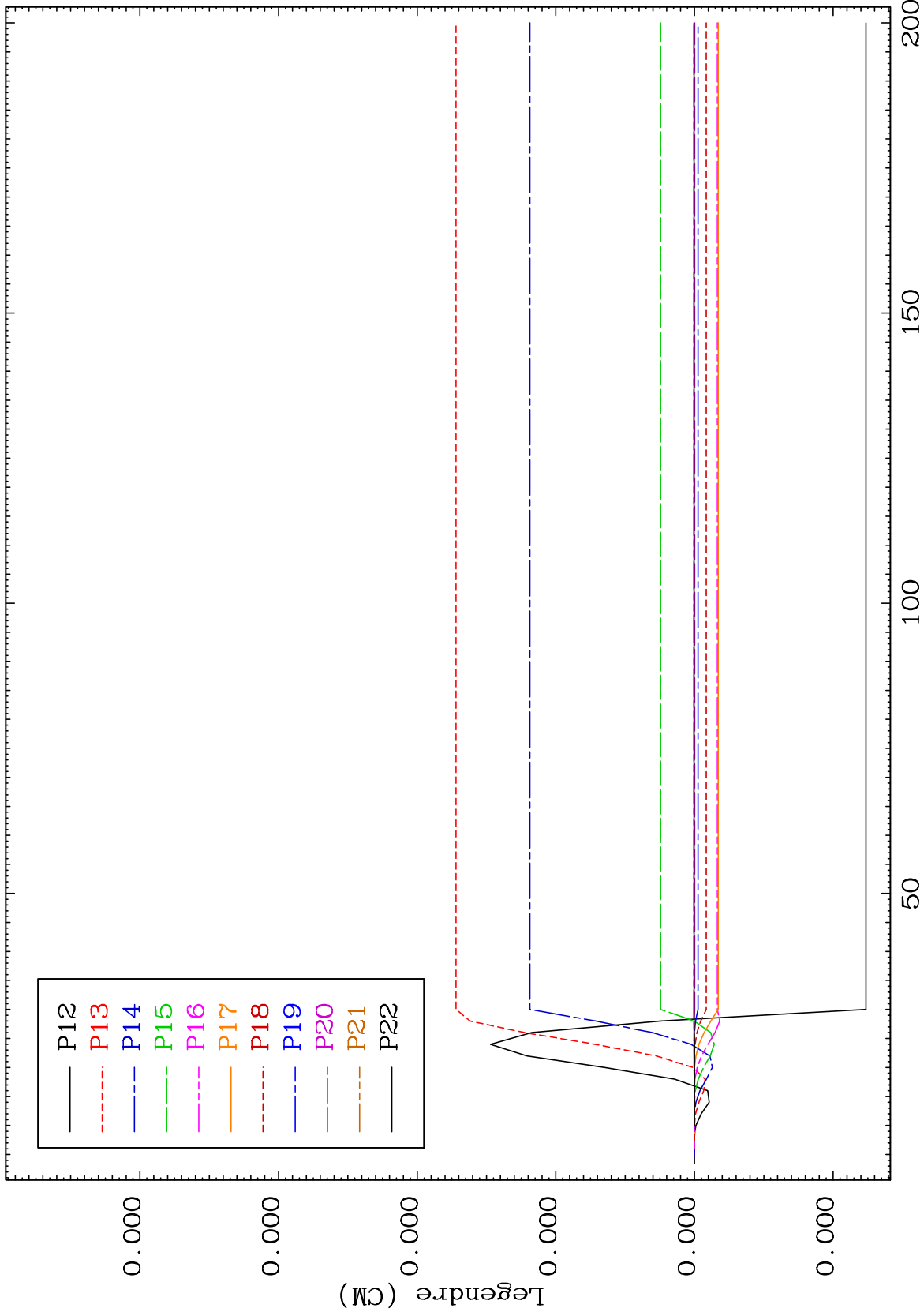
35-Br-77

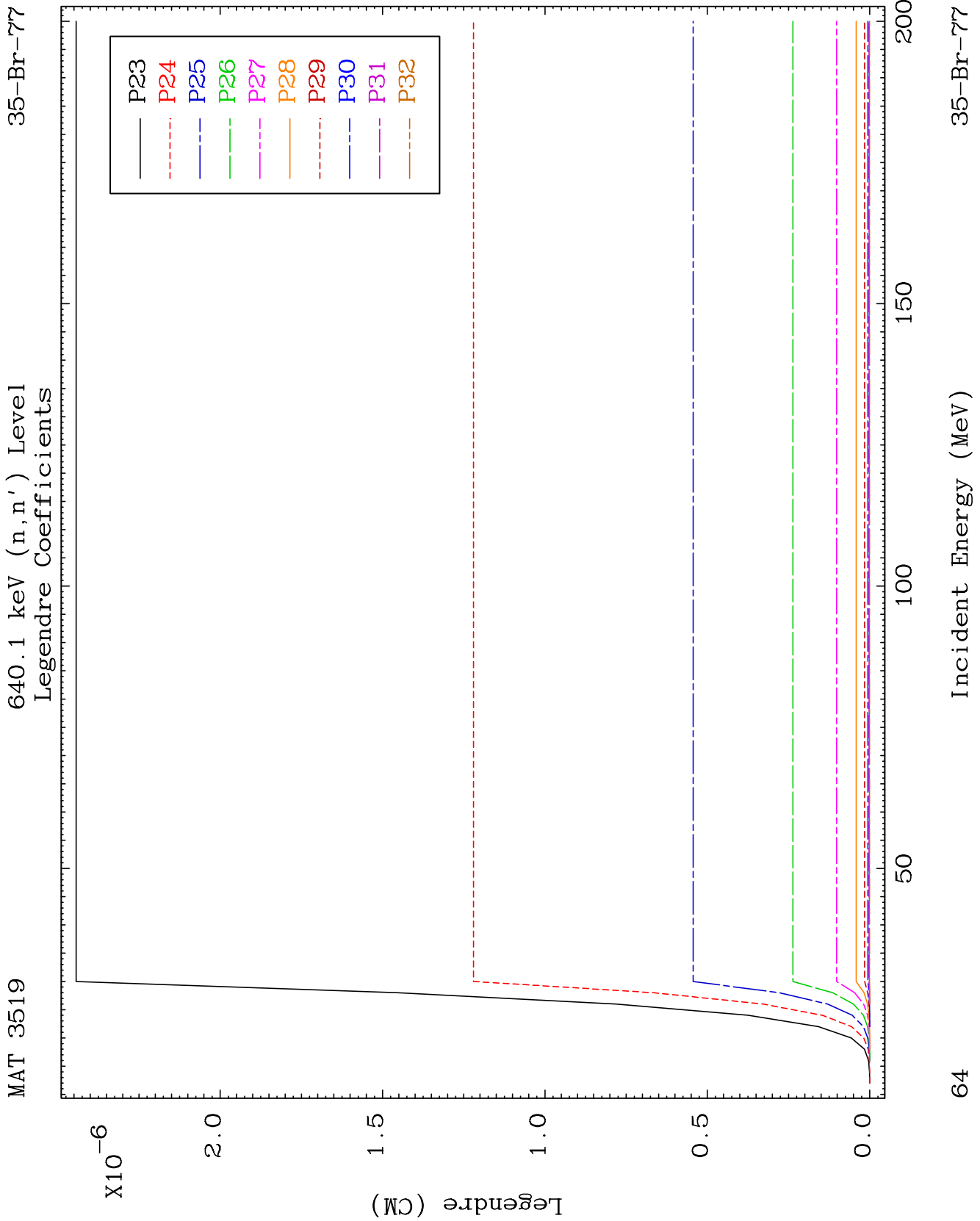


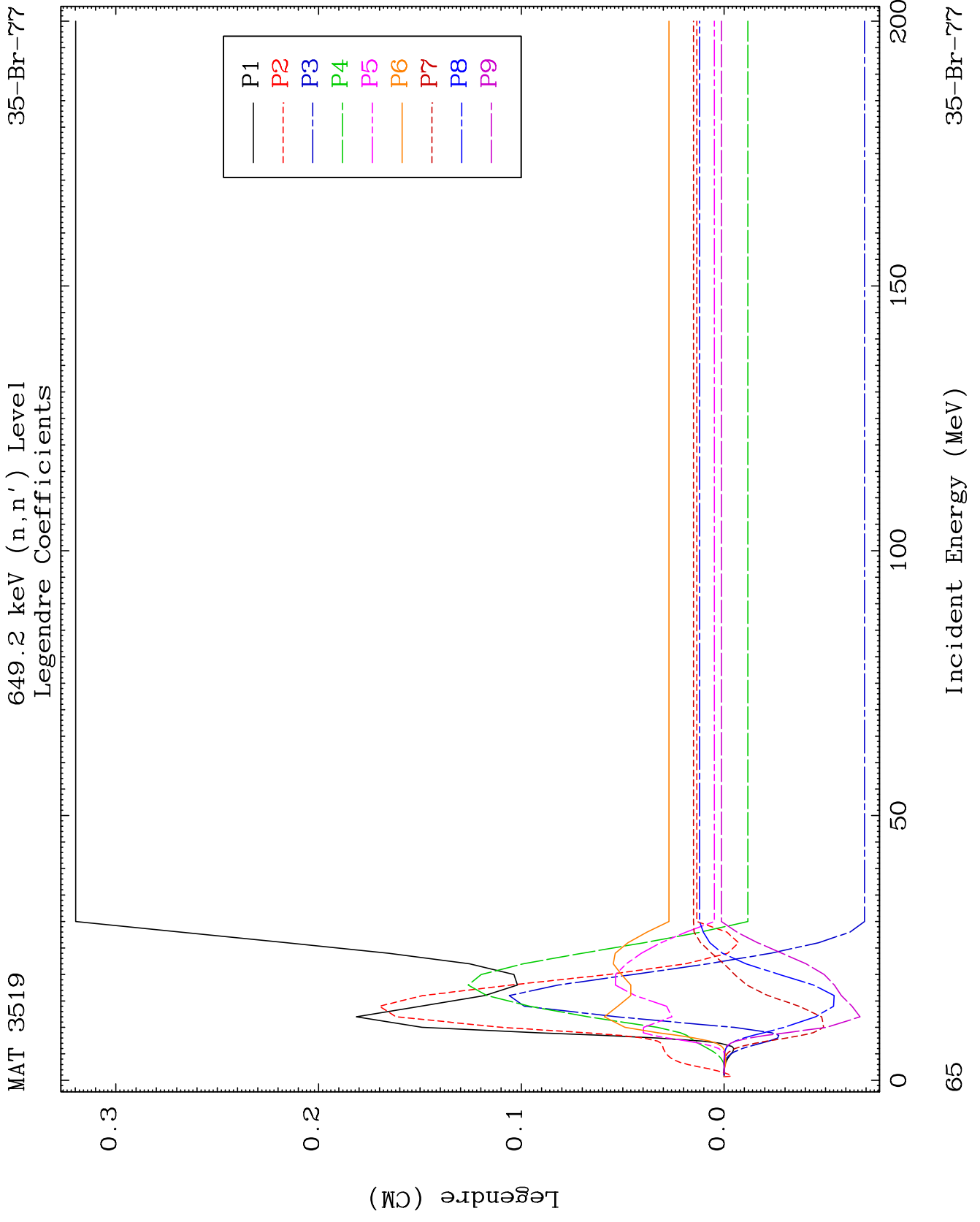
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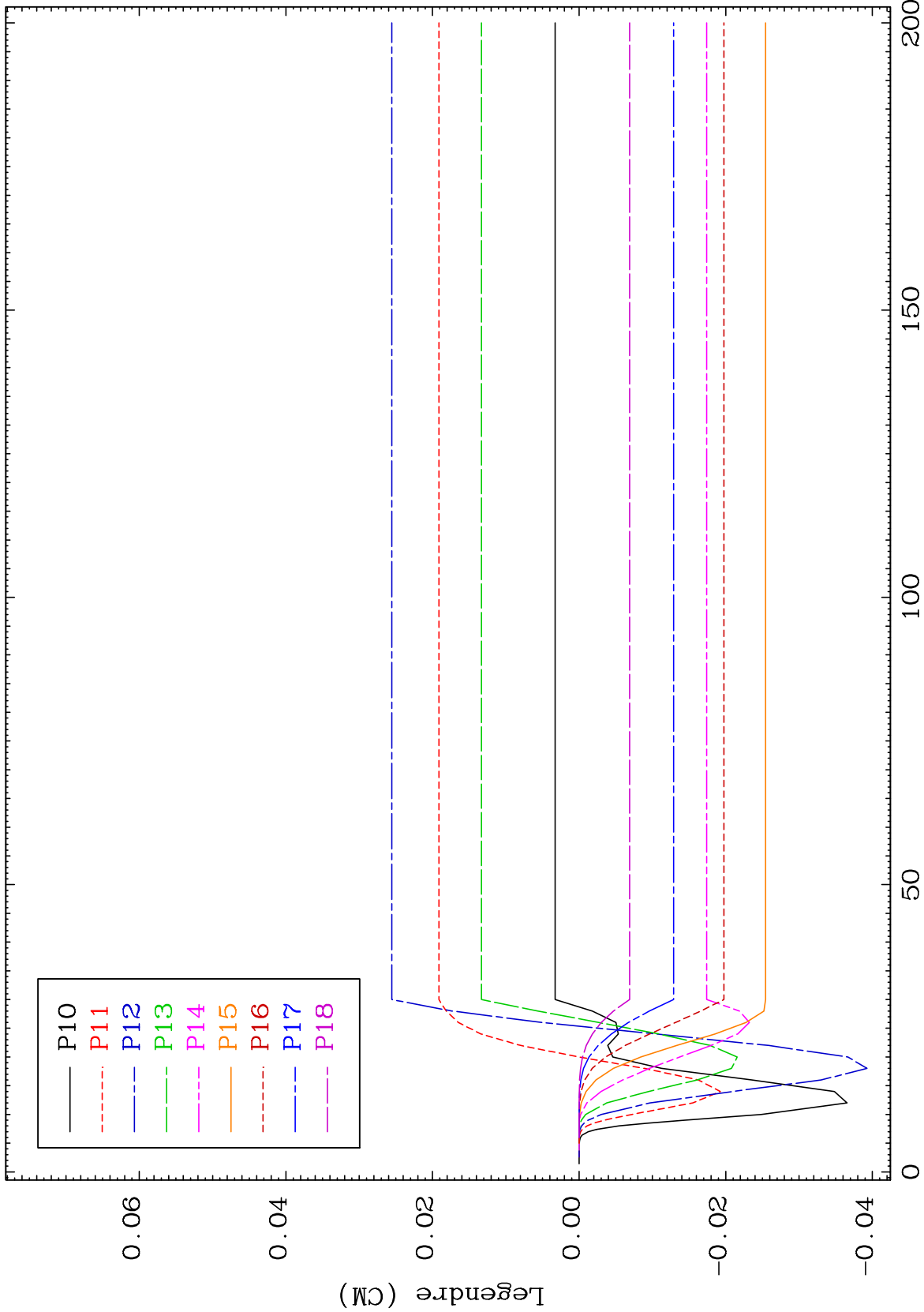
Incident Energy (MeV)

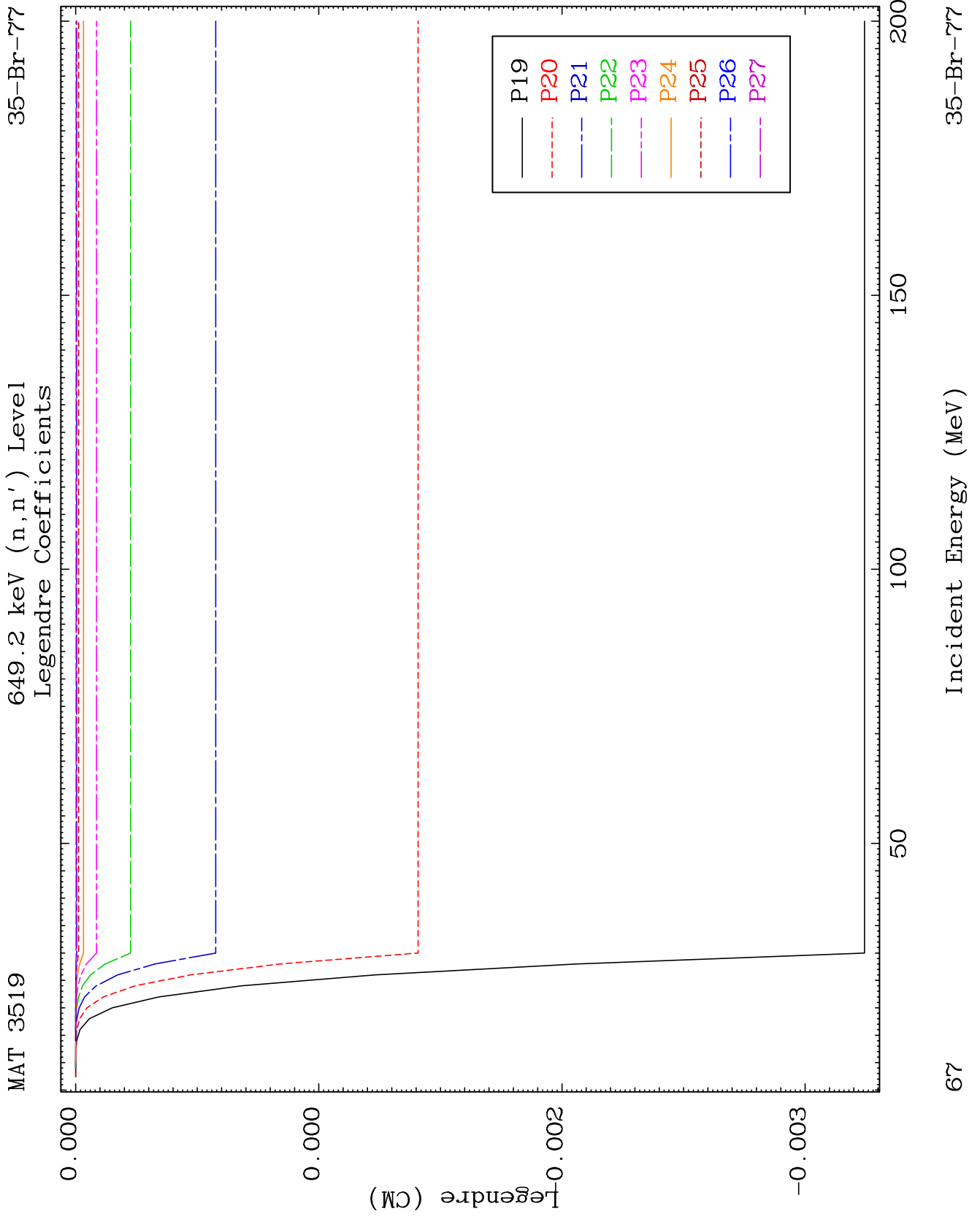
35-Br-77

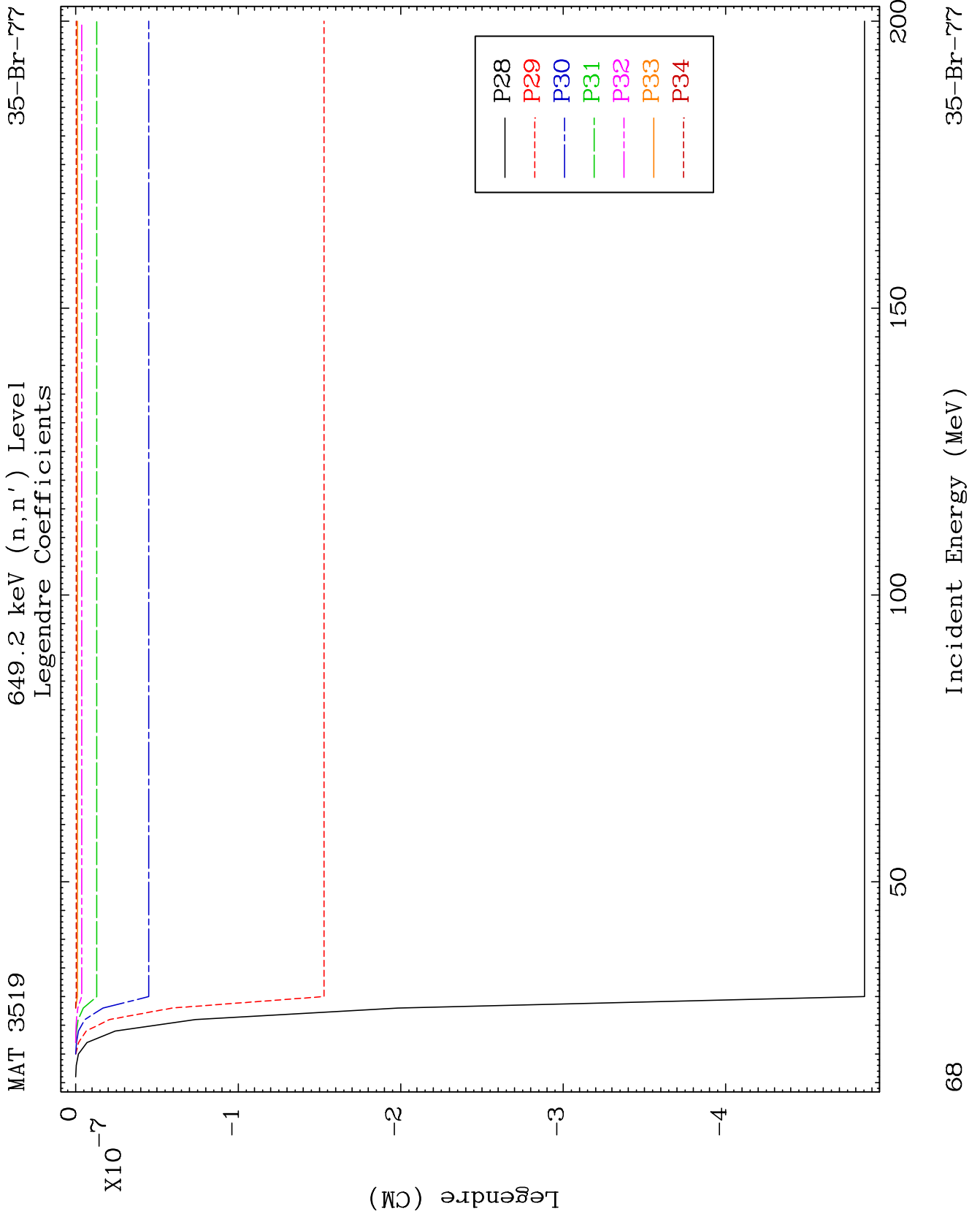








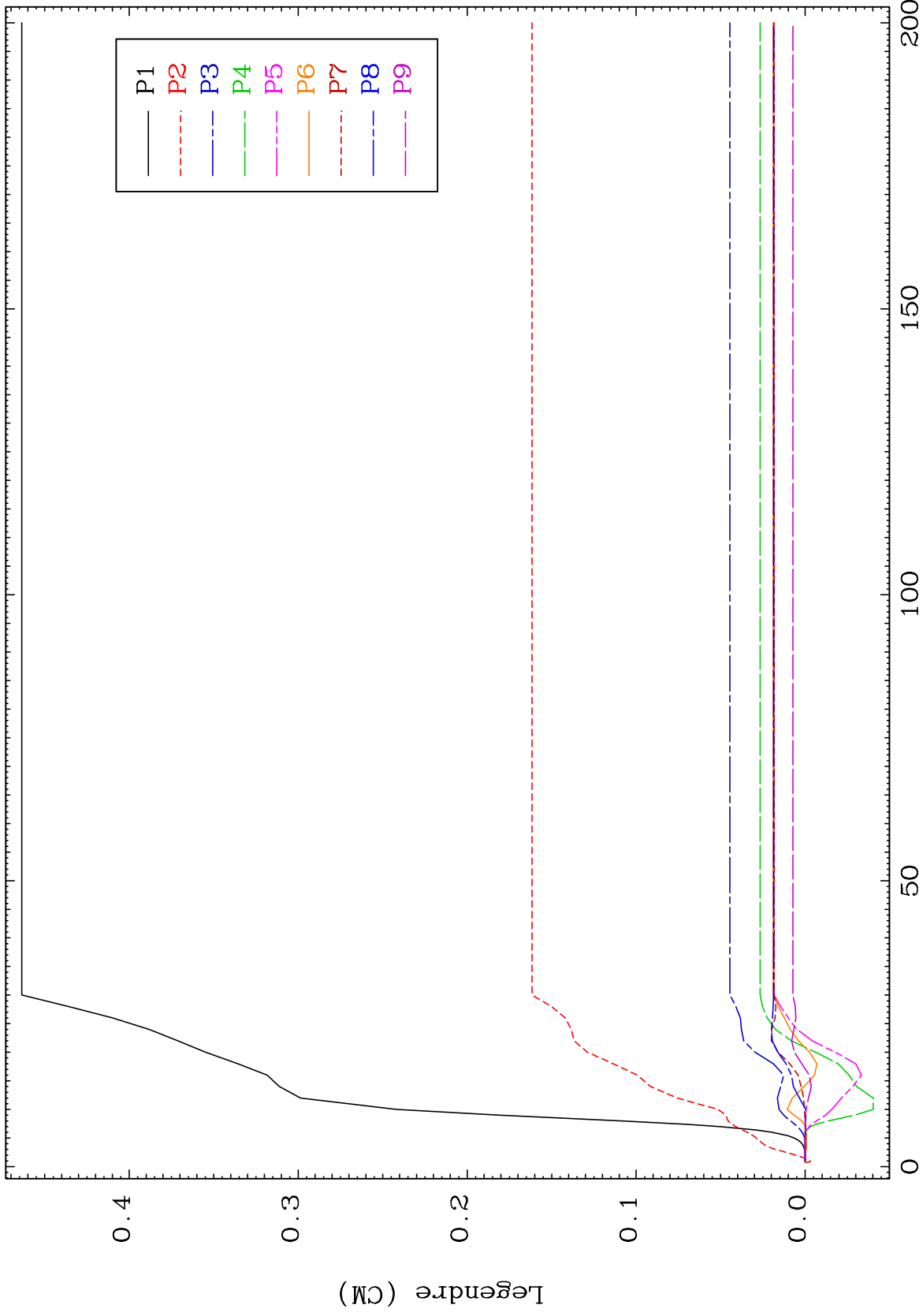




MAT 3519

715.7 keV (n,n') Level
Legendre Coefficients

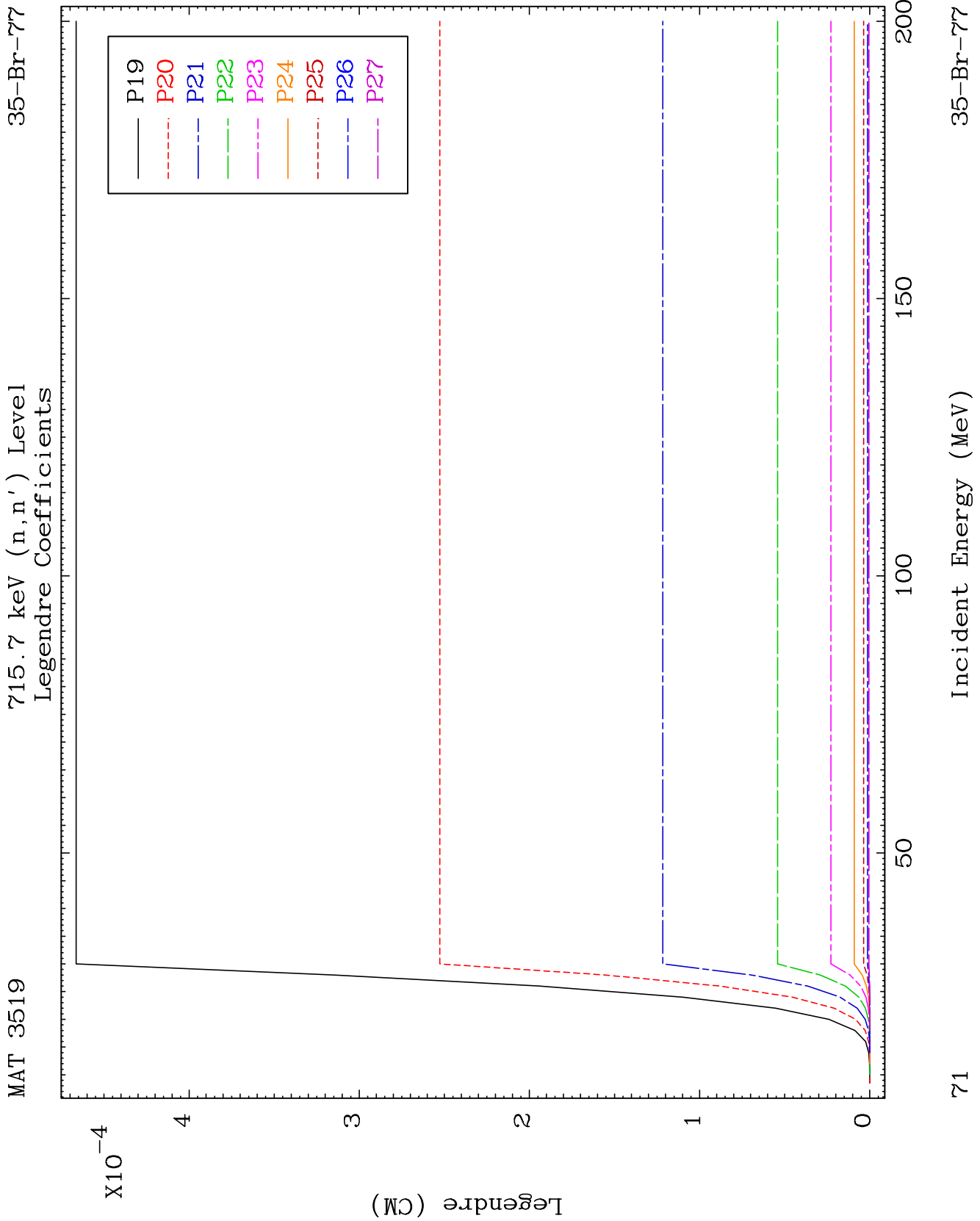
35-Br-77

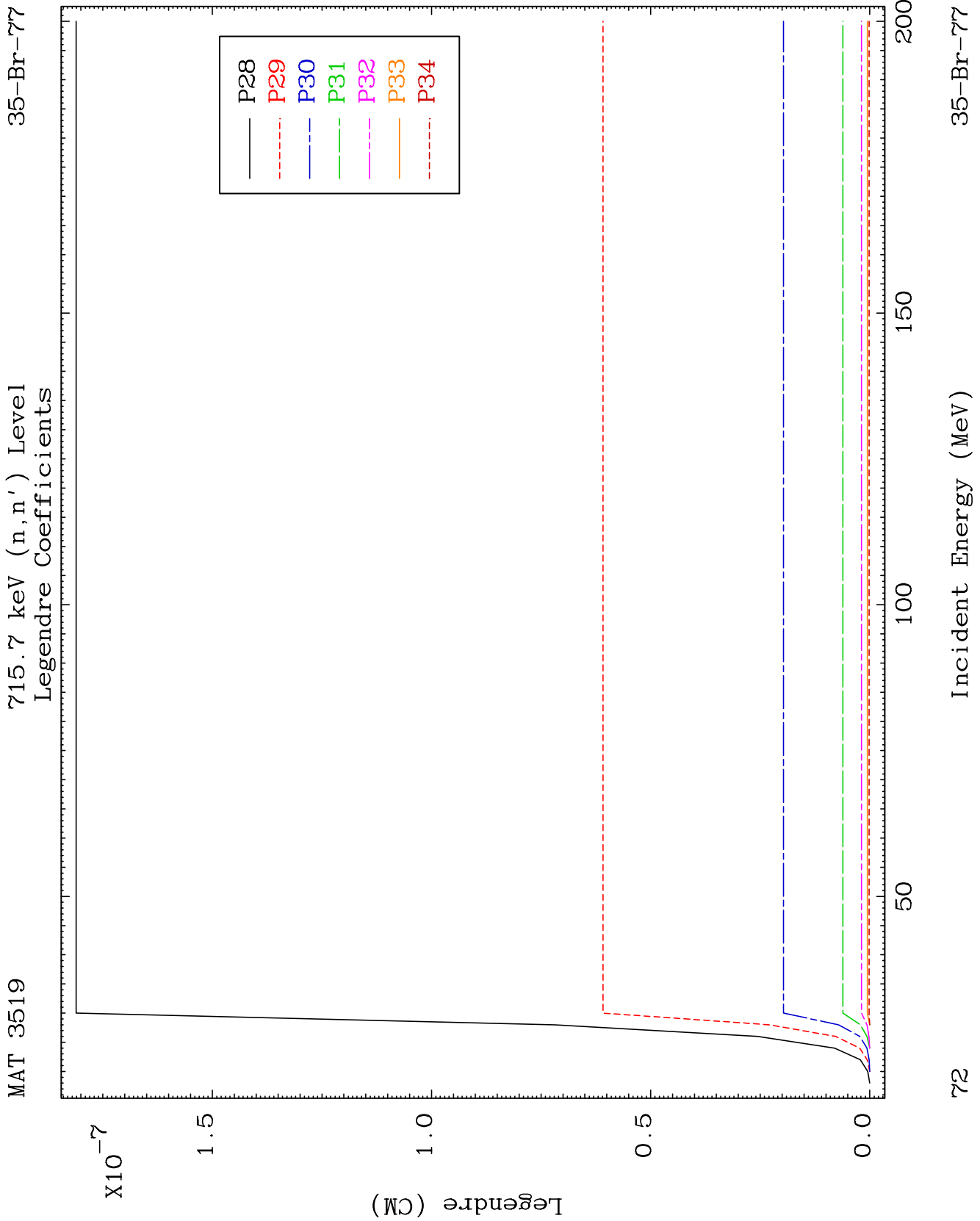


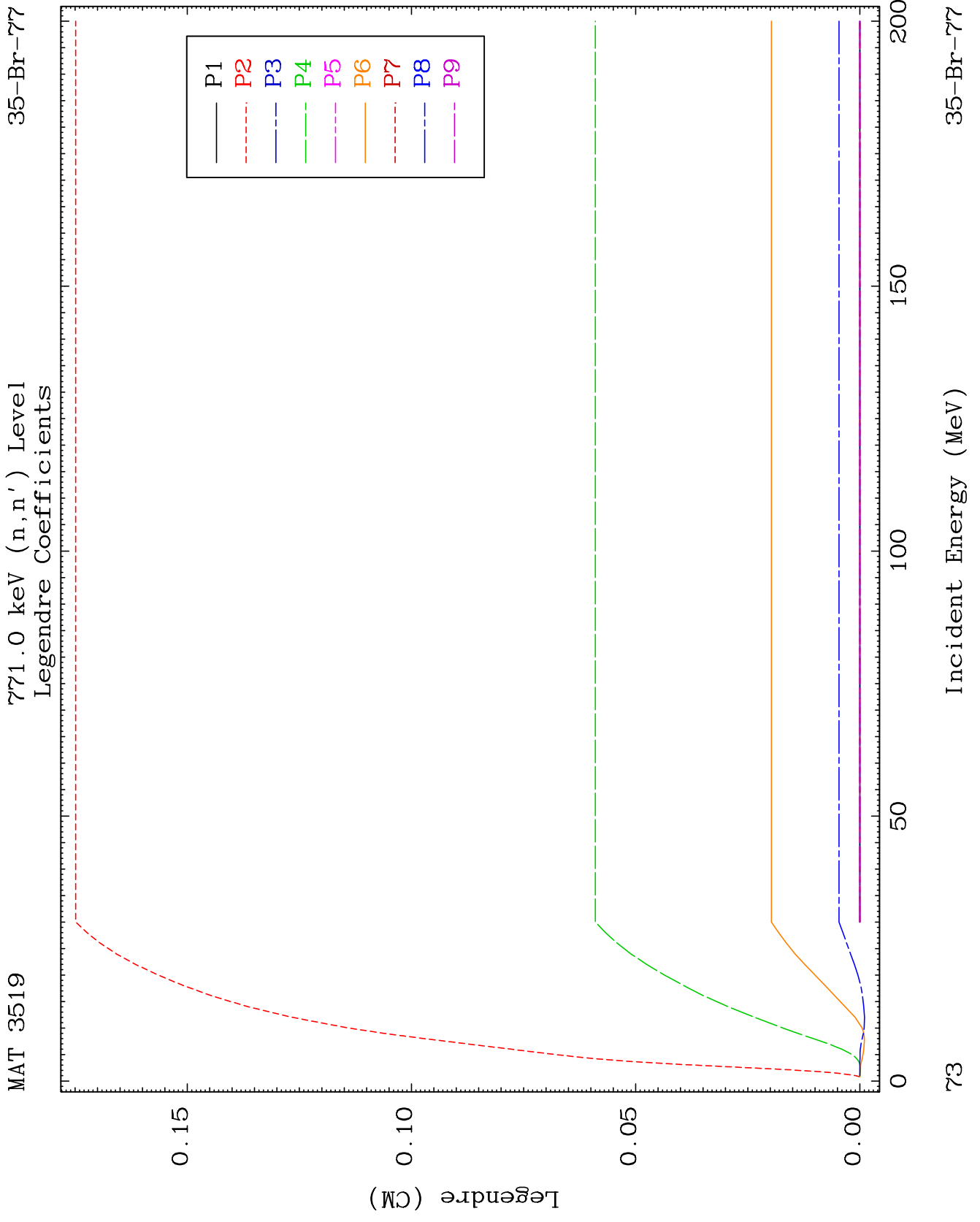
69

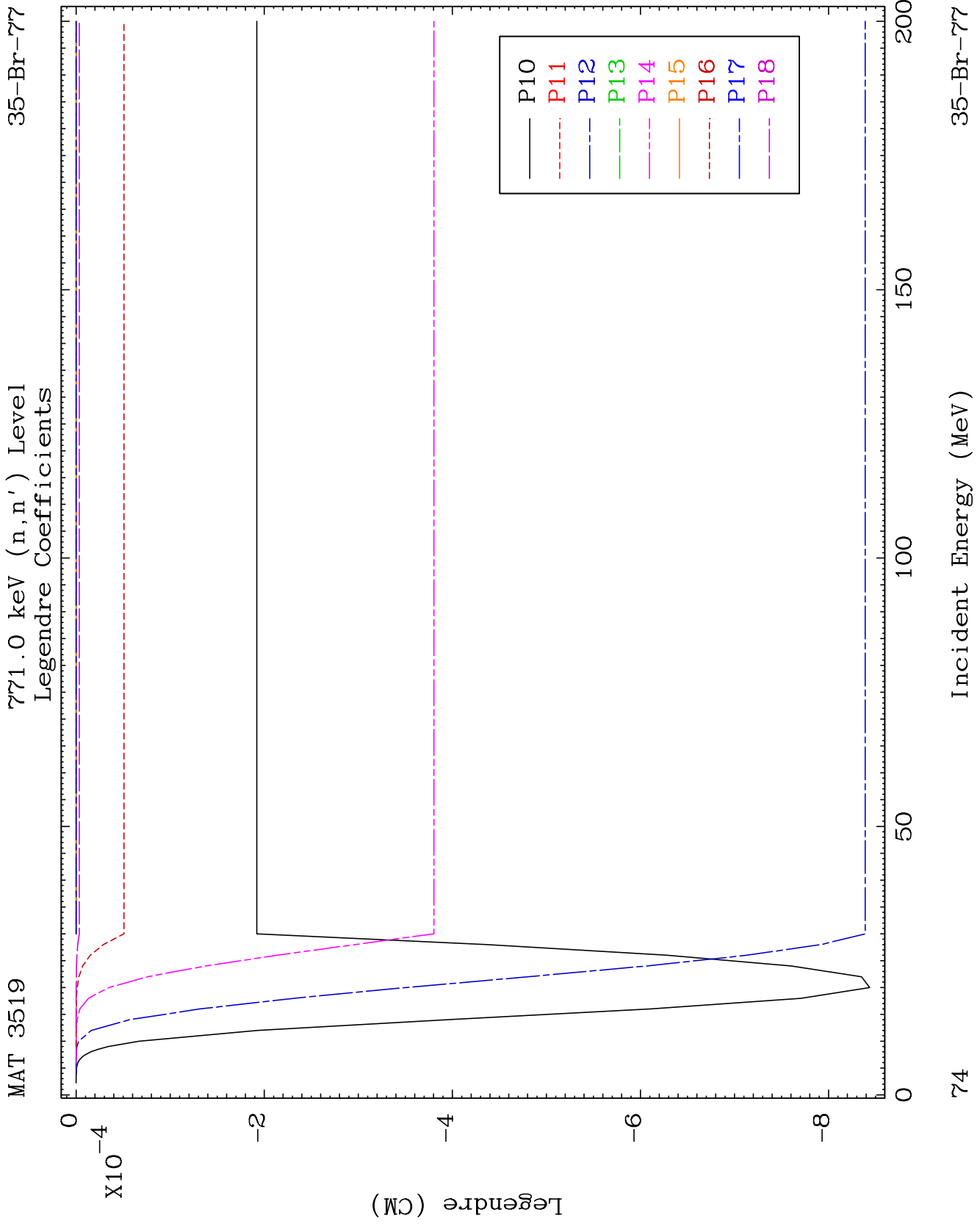
Incident Energy (MeV)

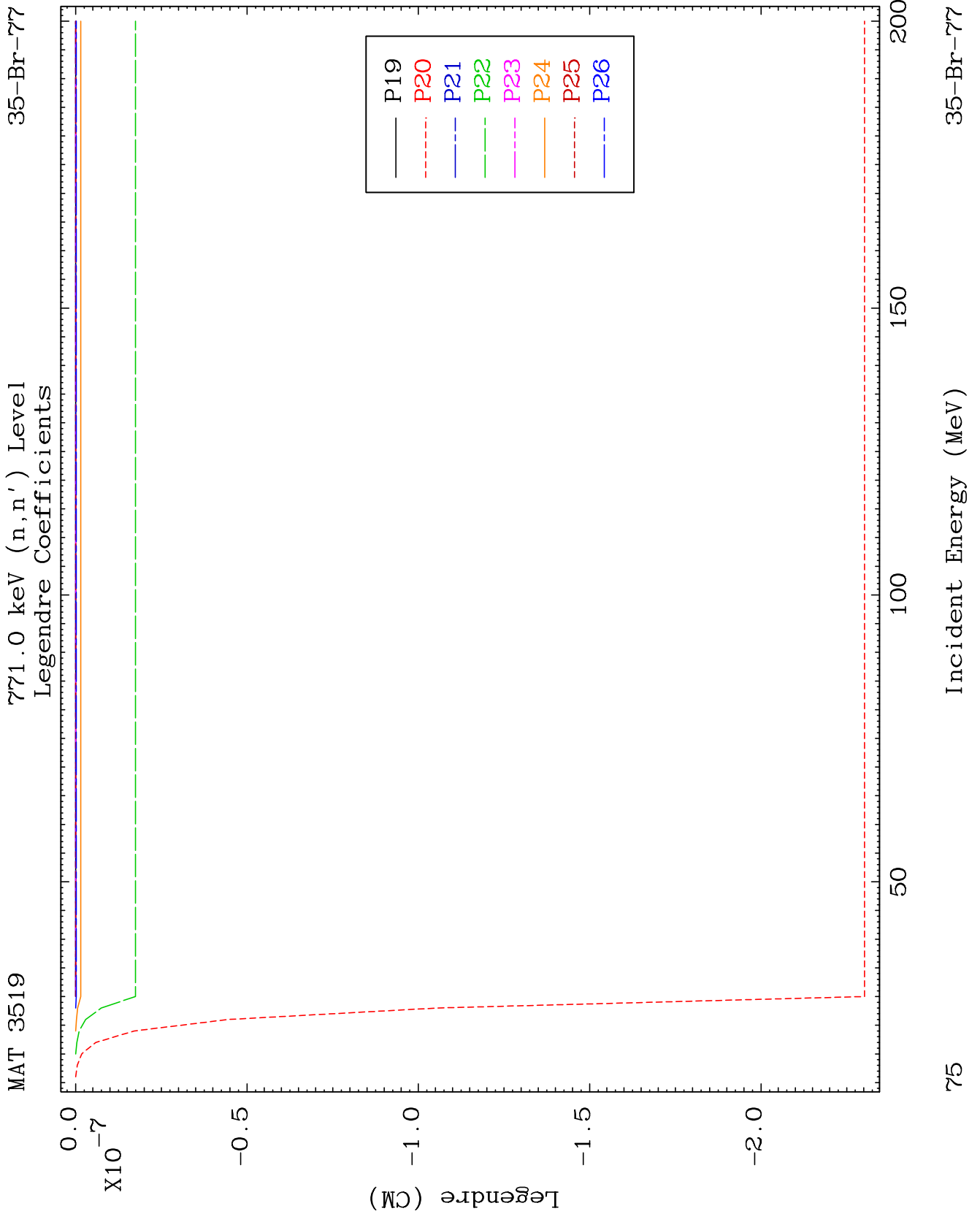
35-Br-77

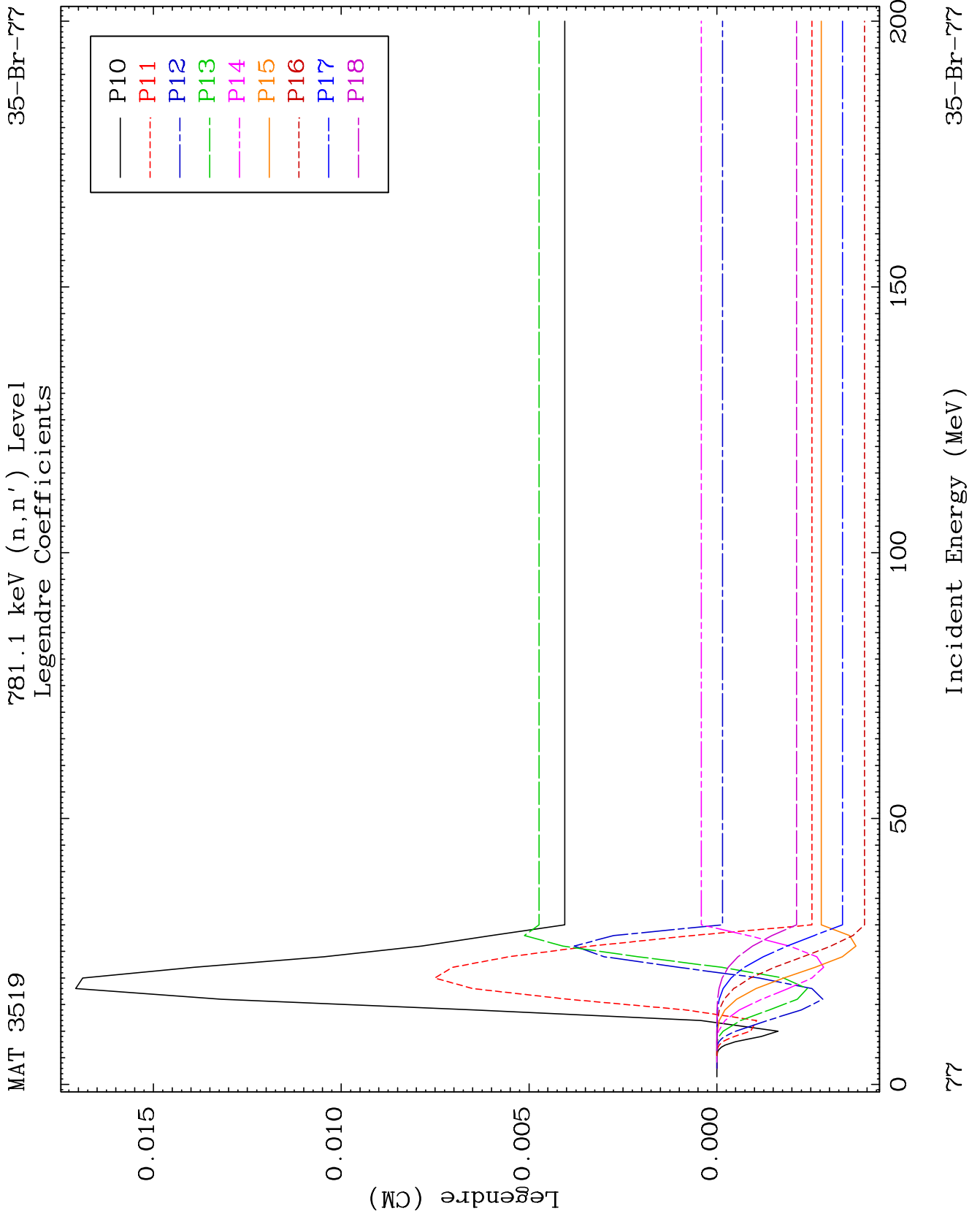


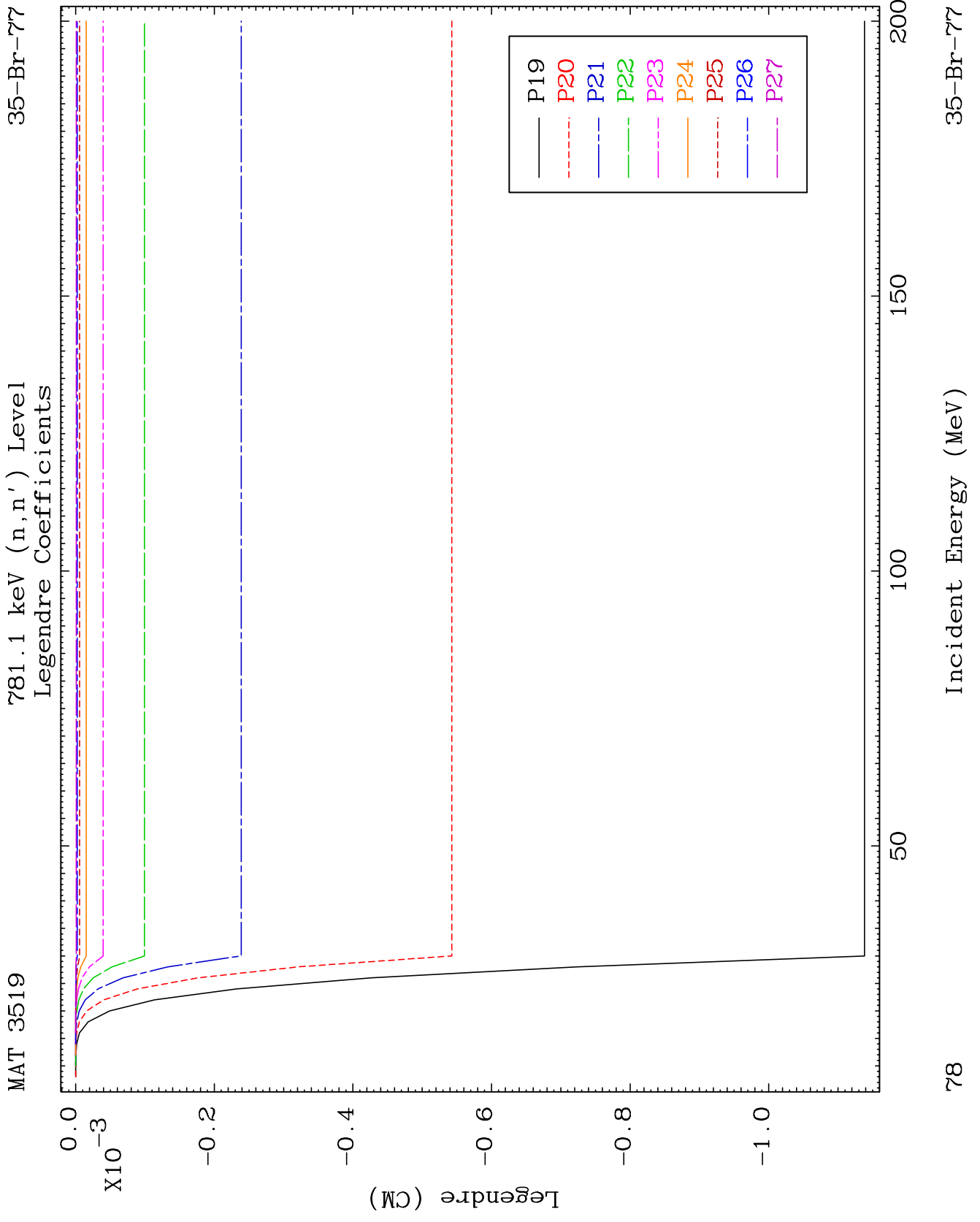


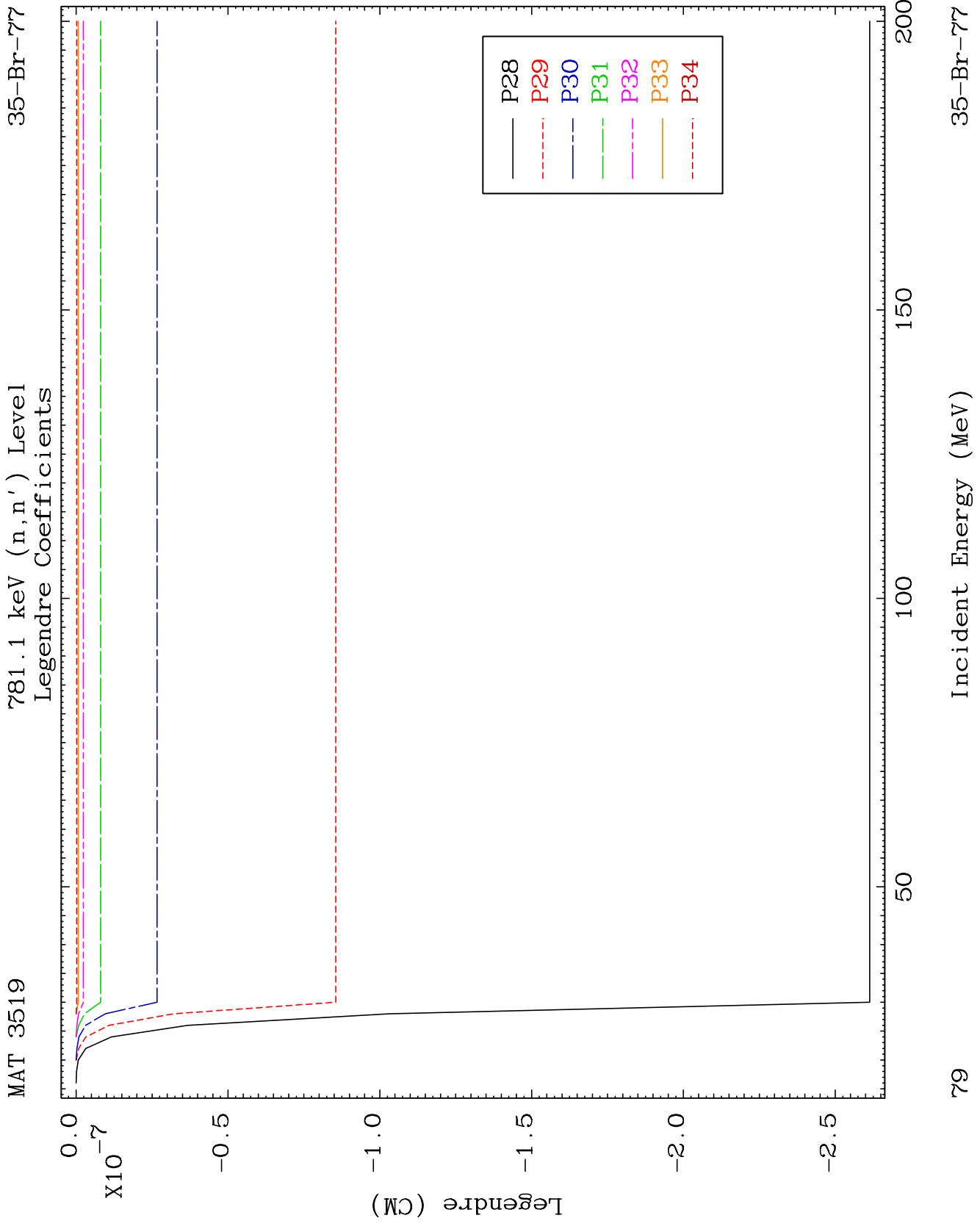


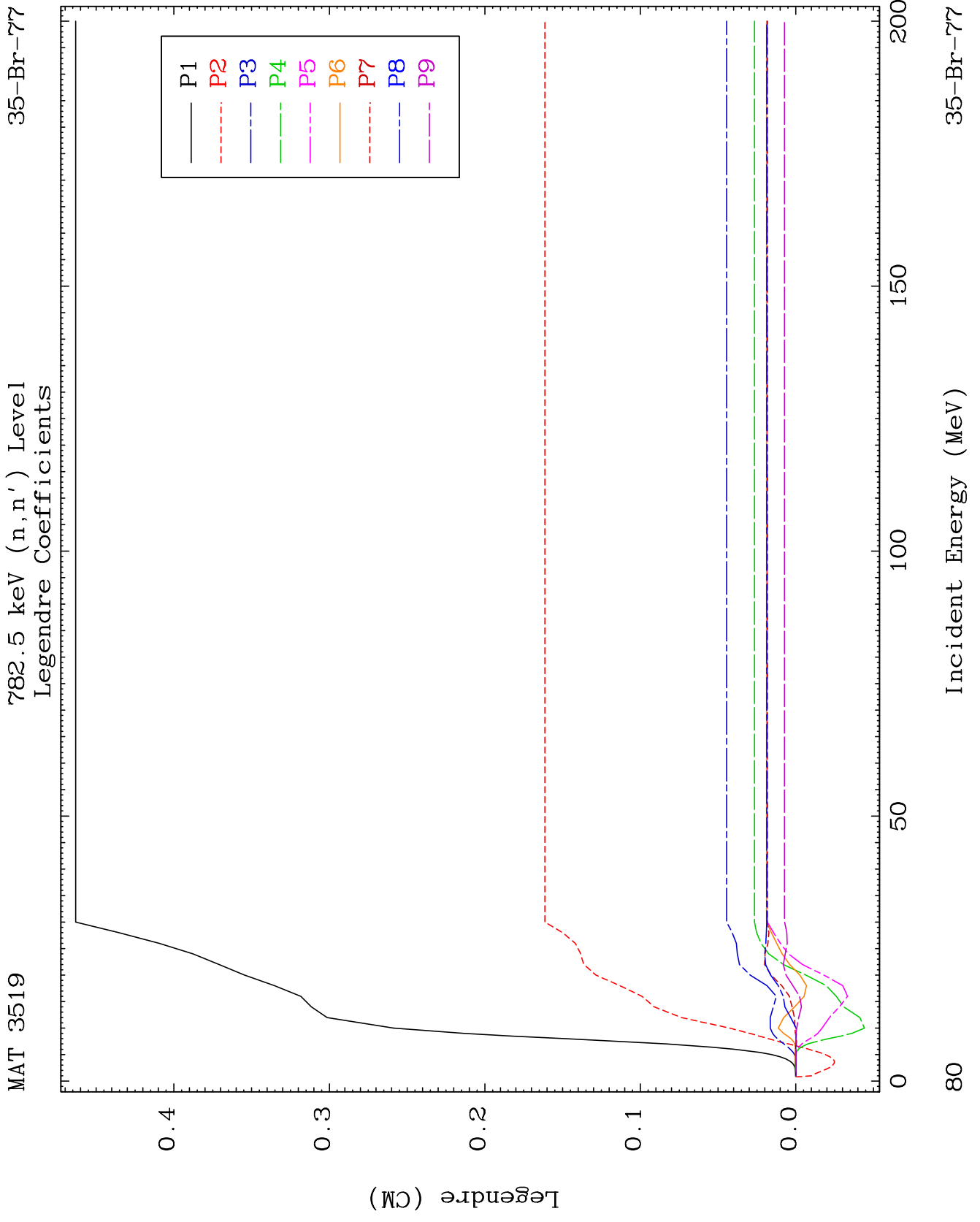








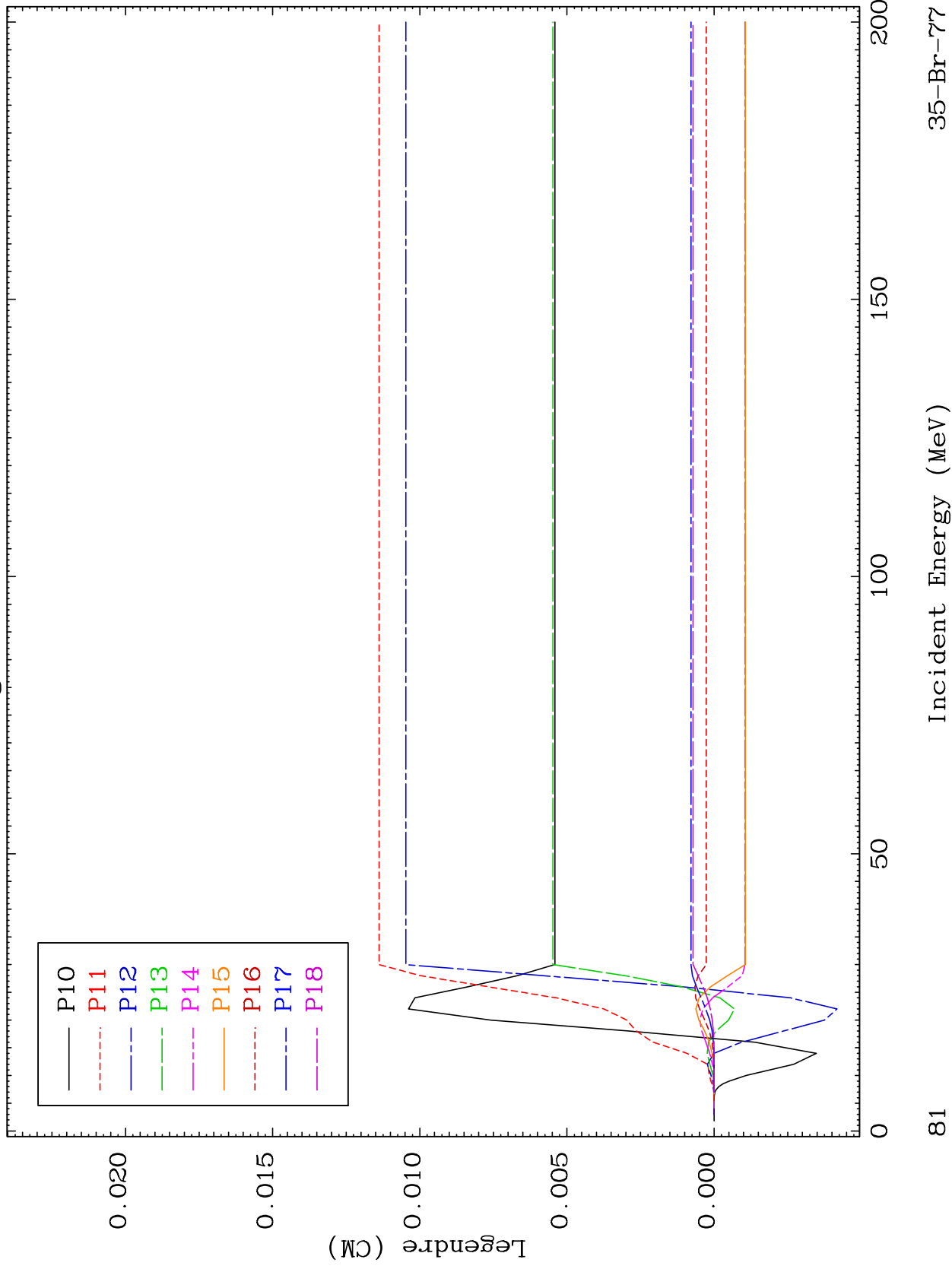




MAT 3519

782.5 keV (n,n') Level
Legendre Coefficients

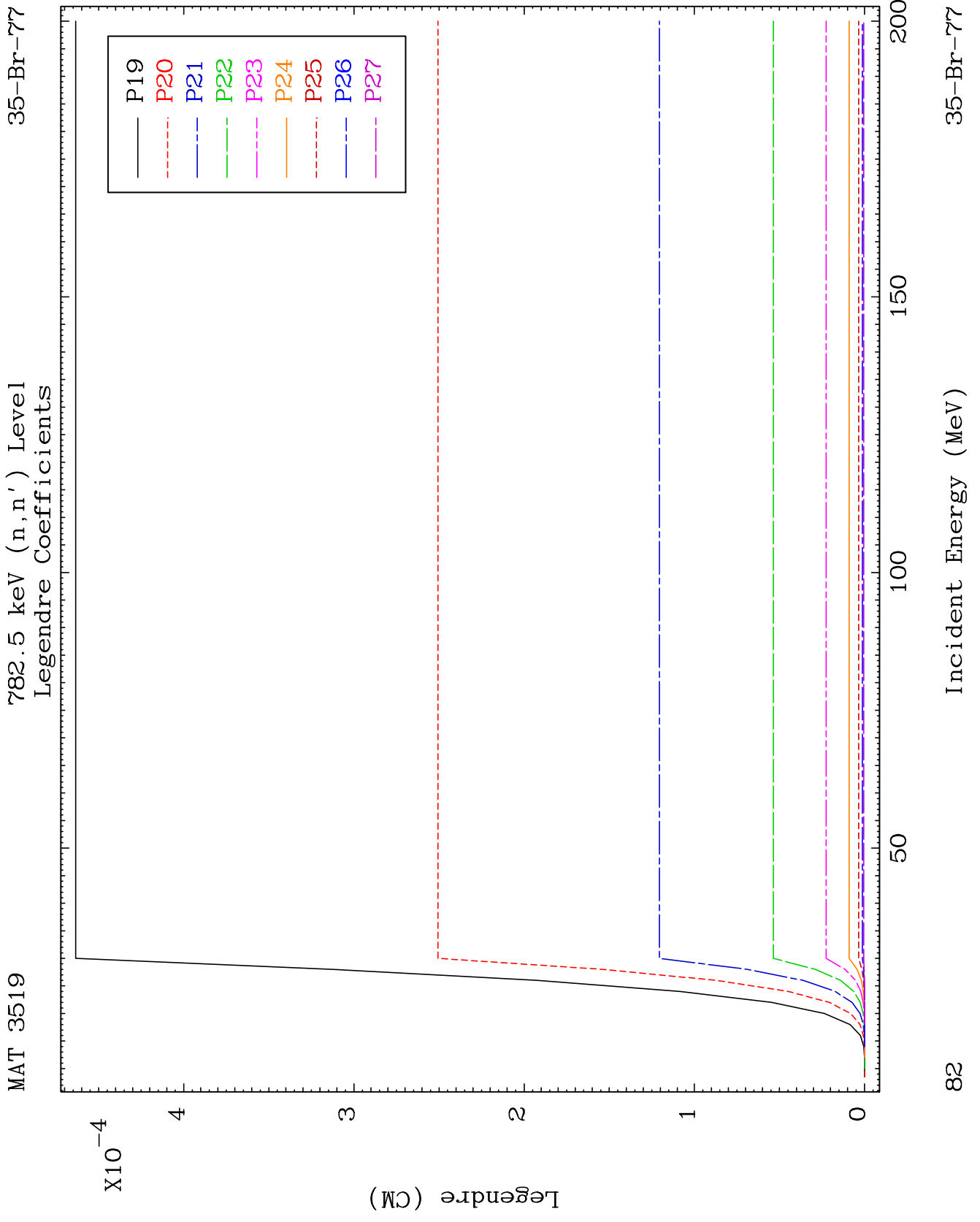
35-Br-77

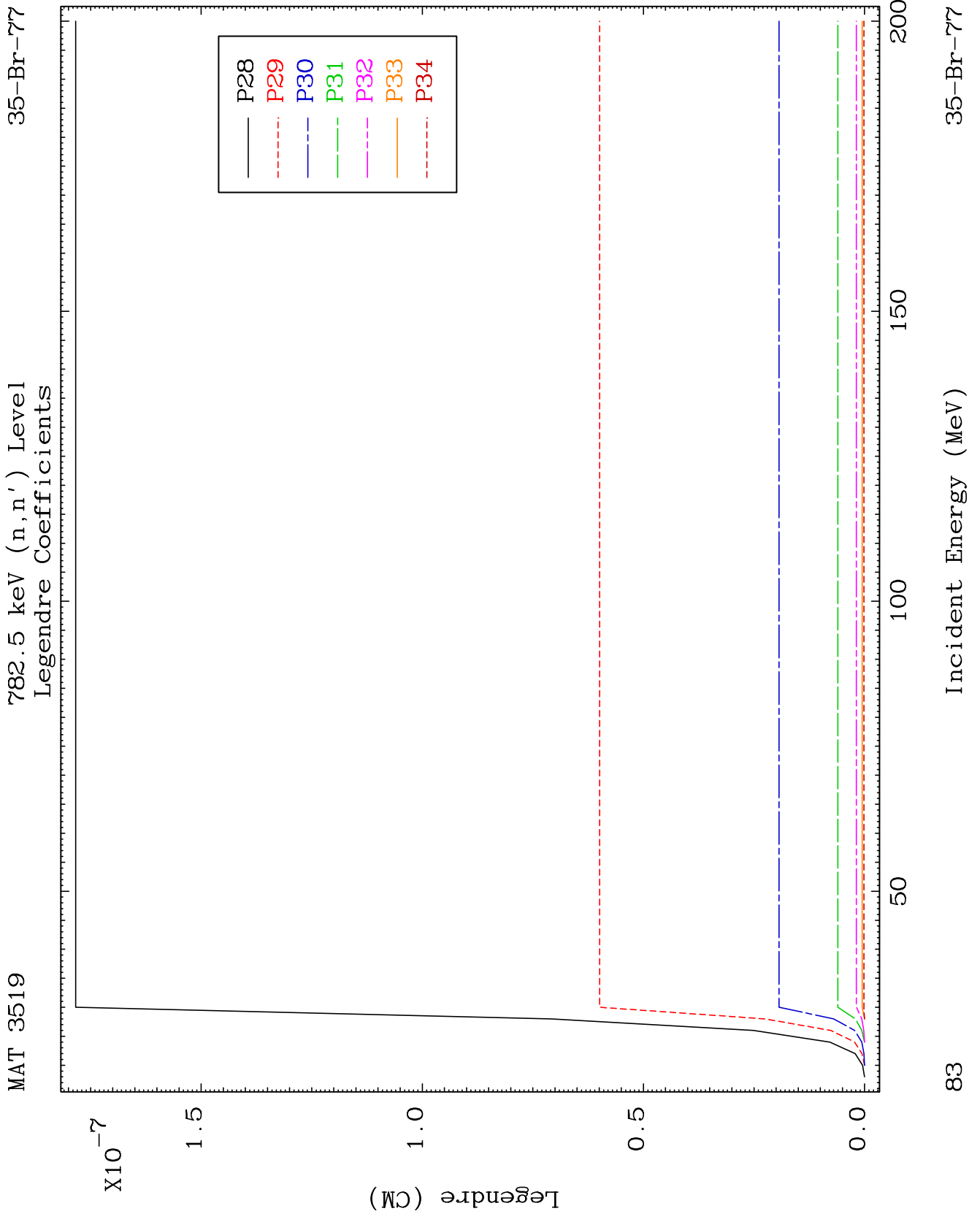


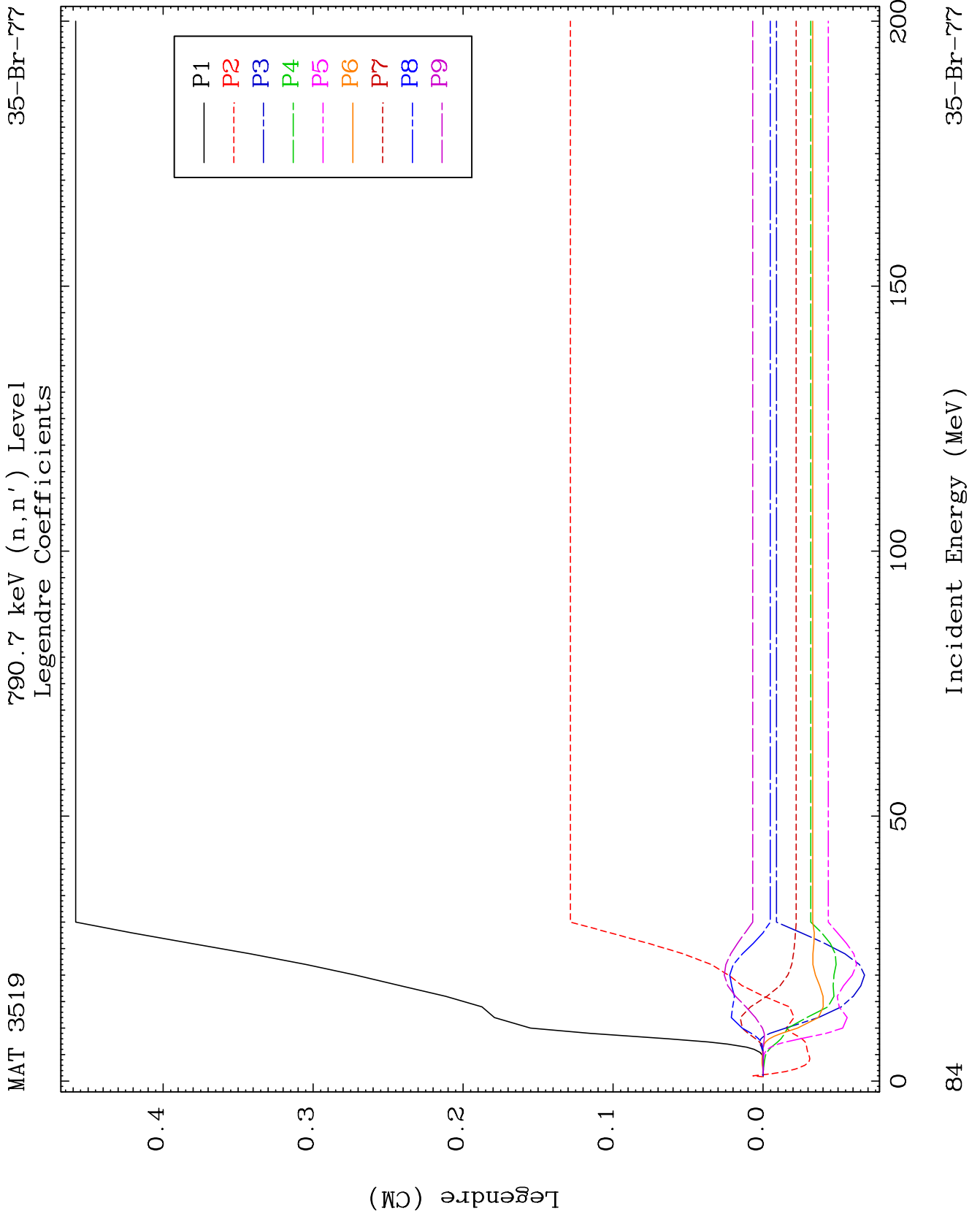
81

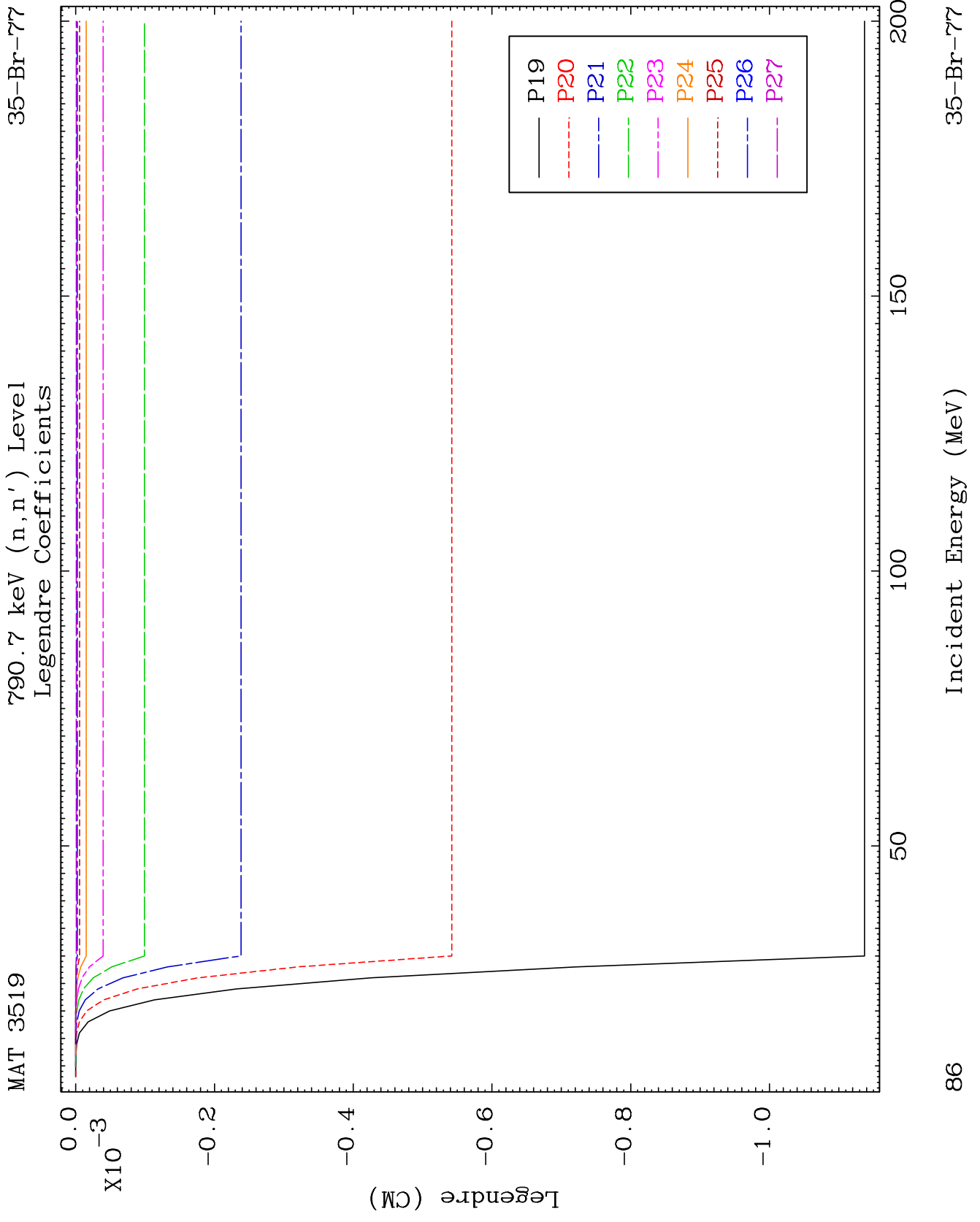
Incident Energy (MeV)

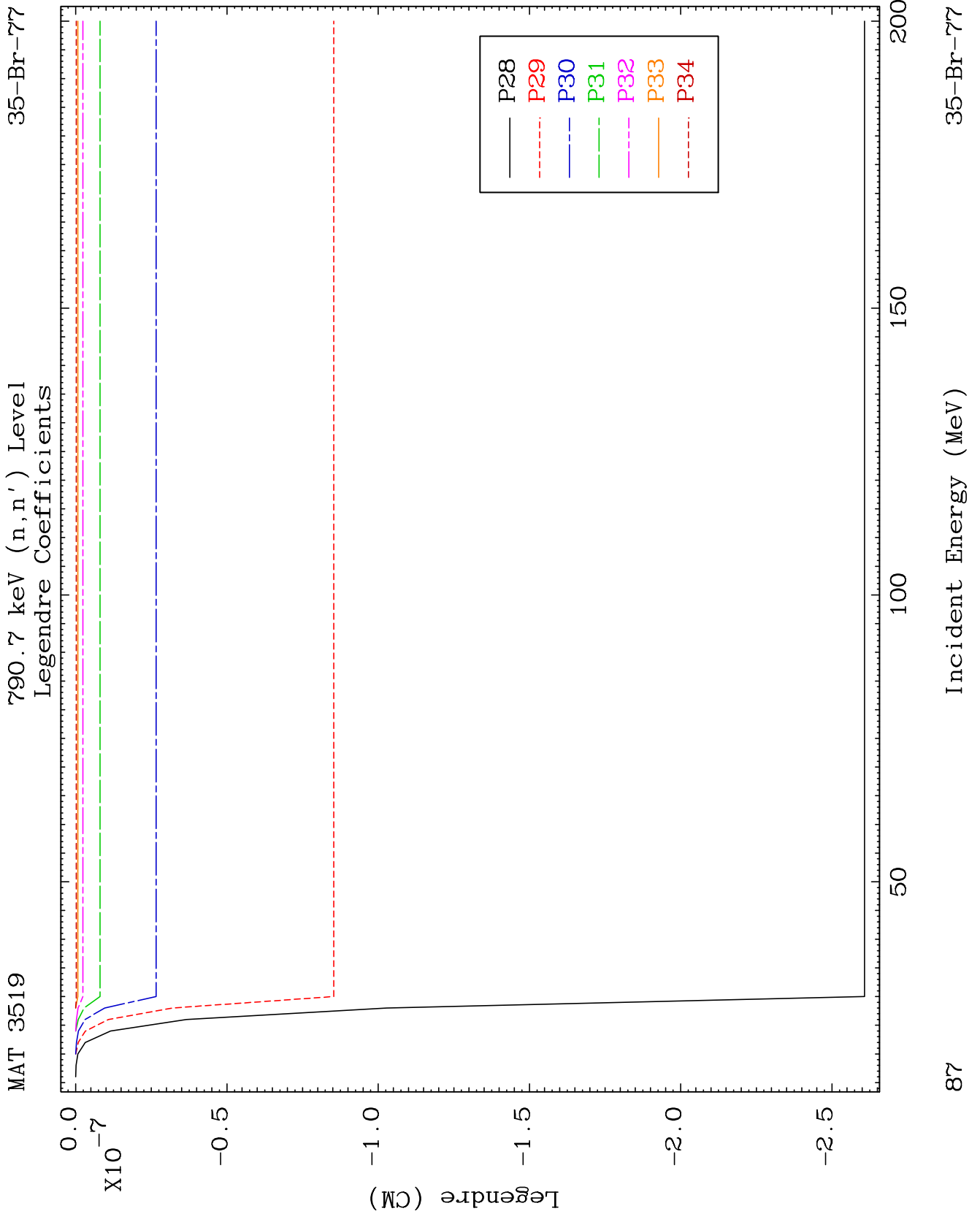
35-Br-77

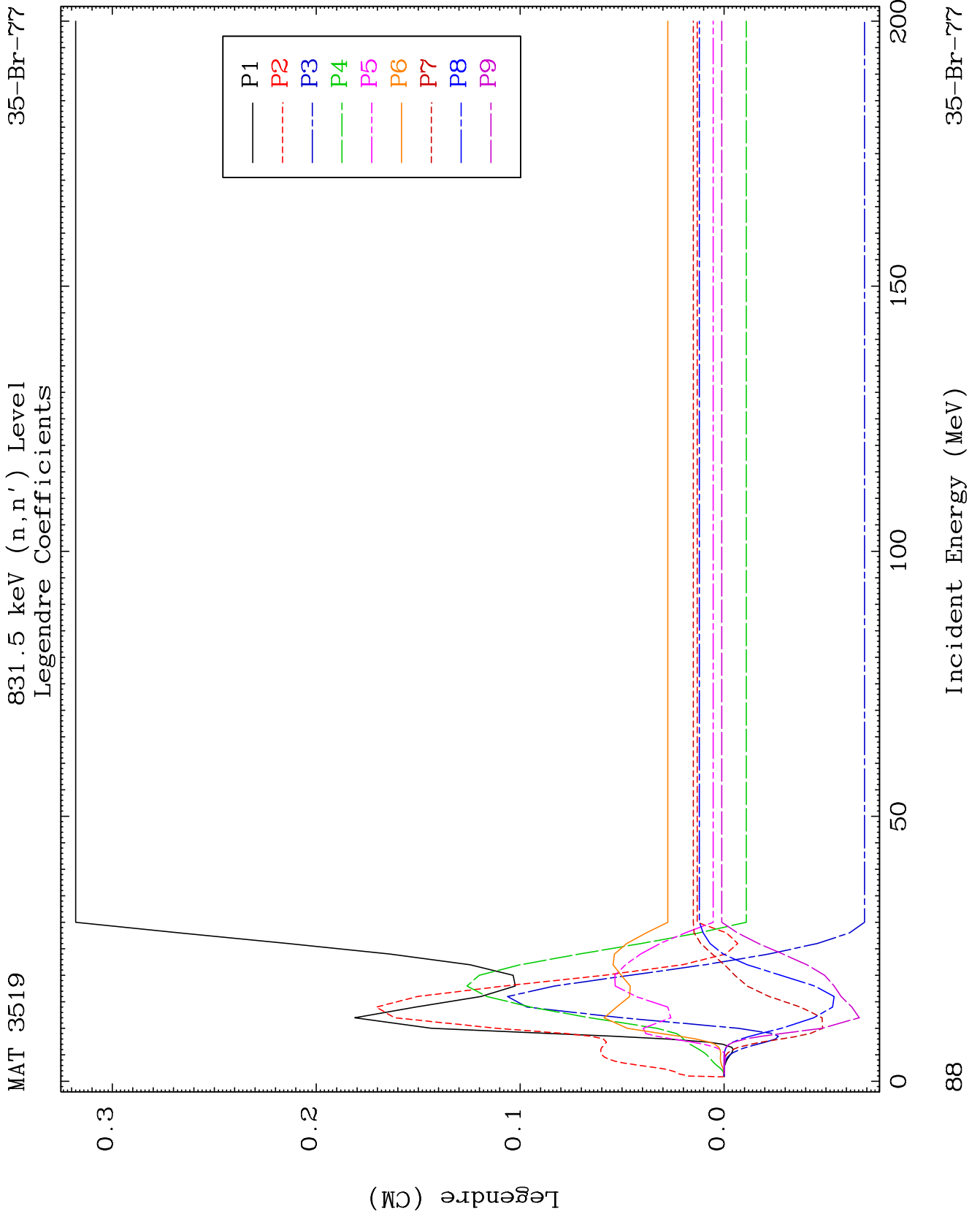








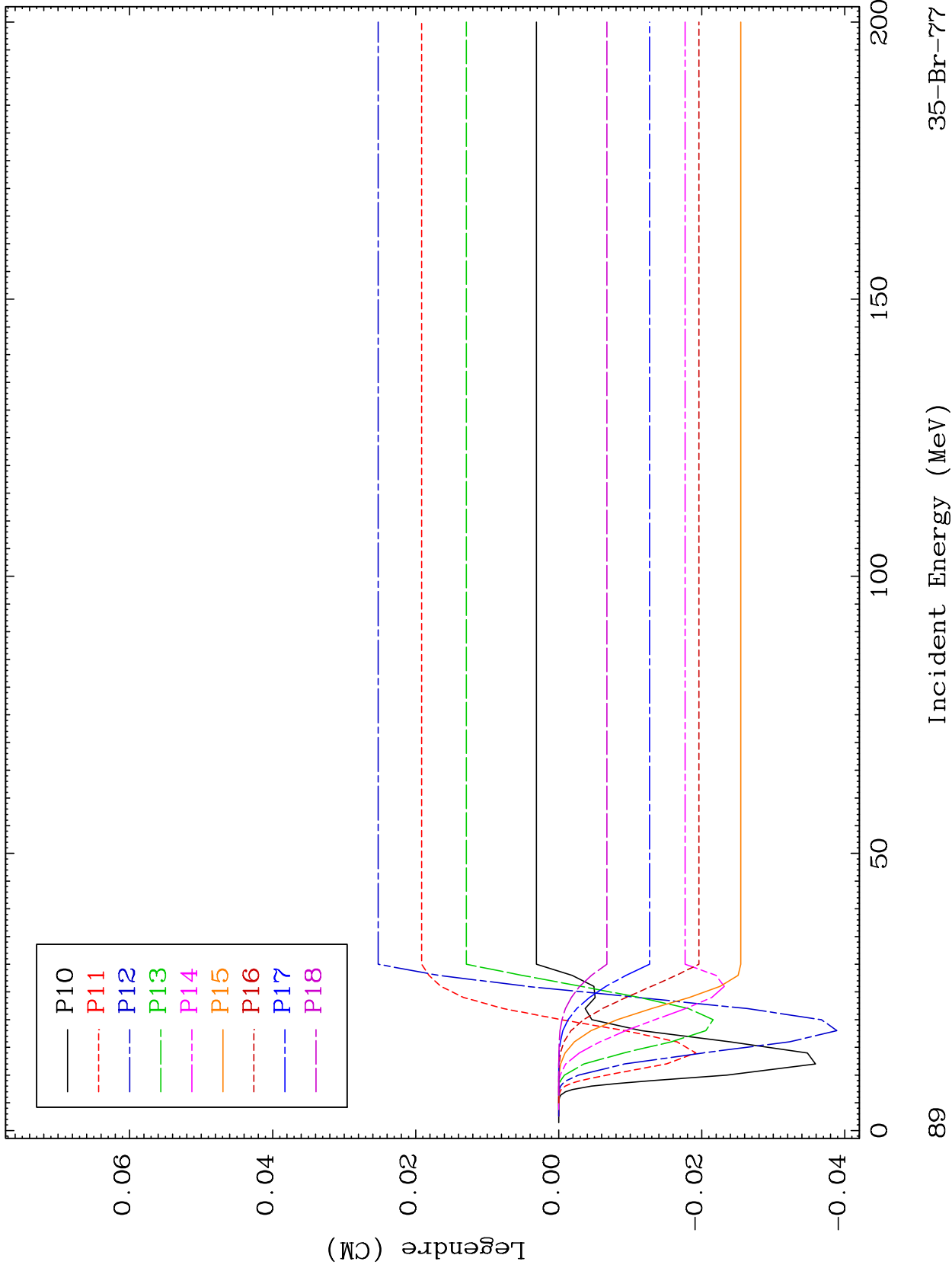




MAT 3519

831.5 keV (n,n') Level
Legendre Coefficients

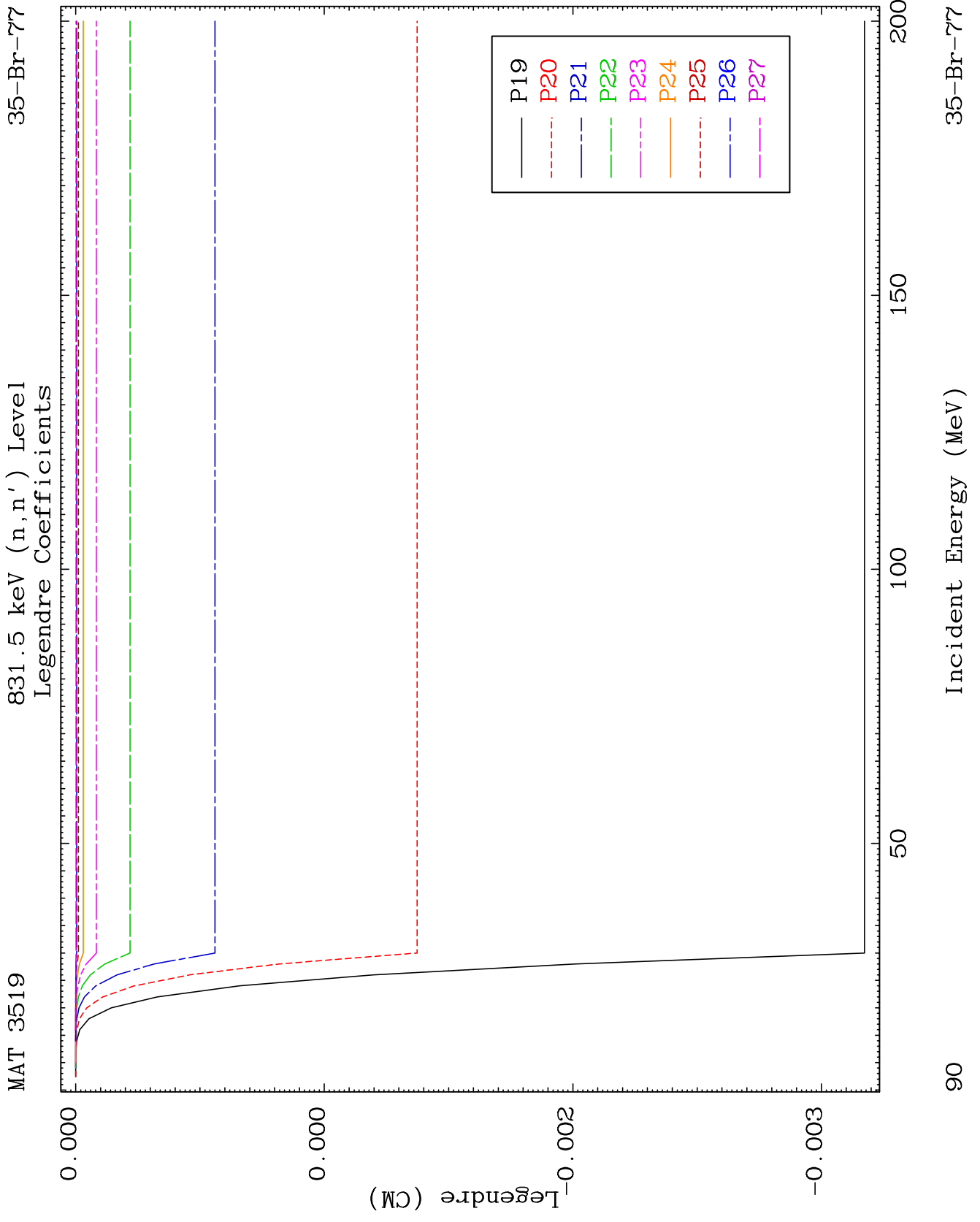
35-Br-77

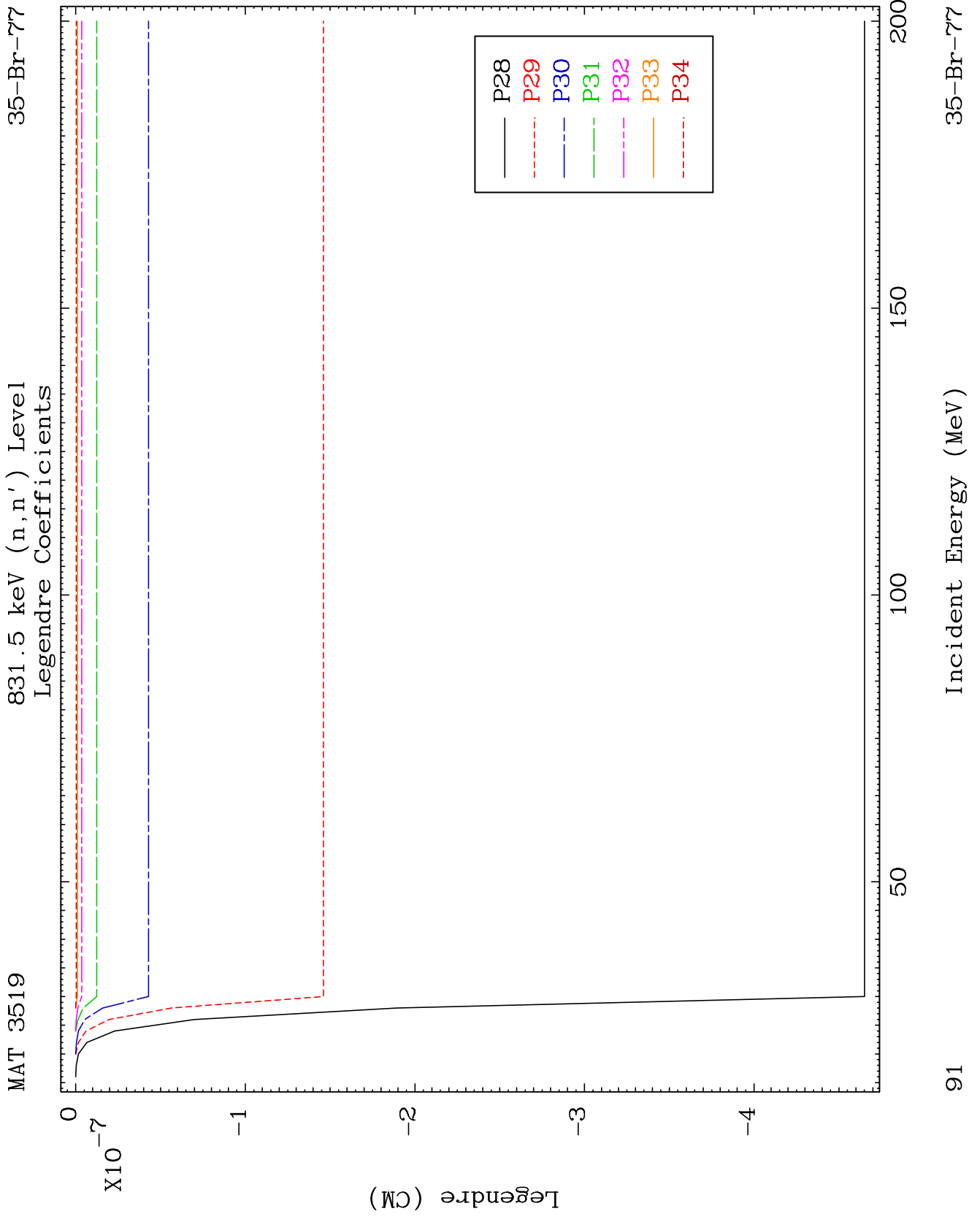


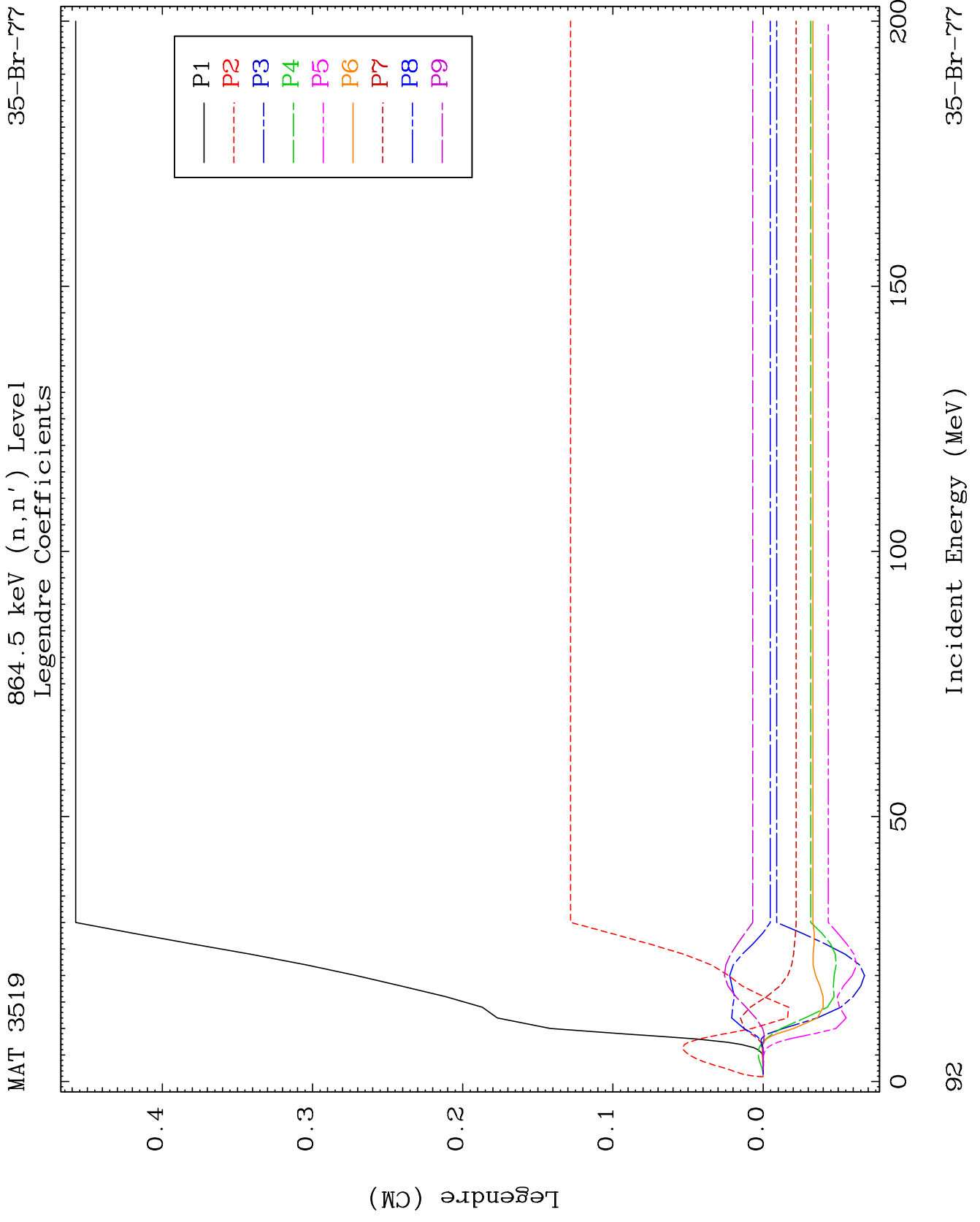
89

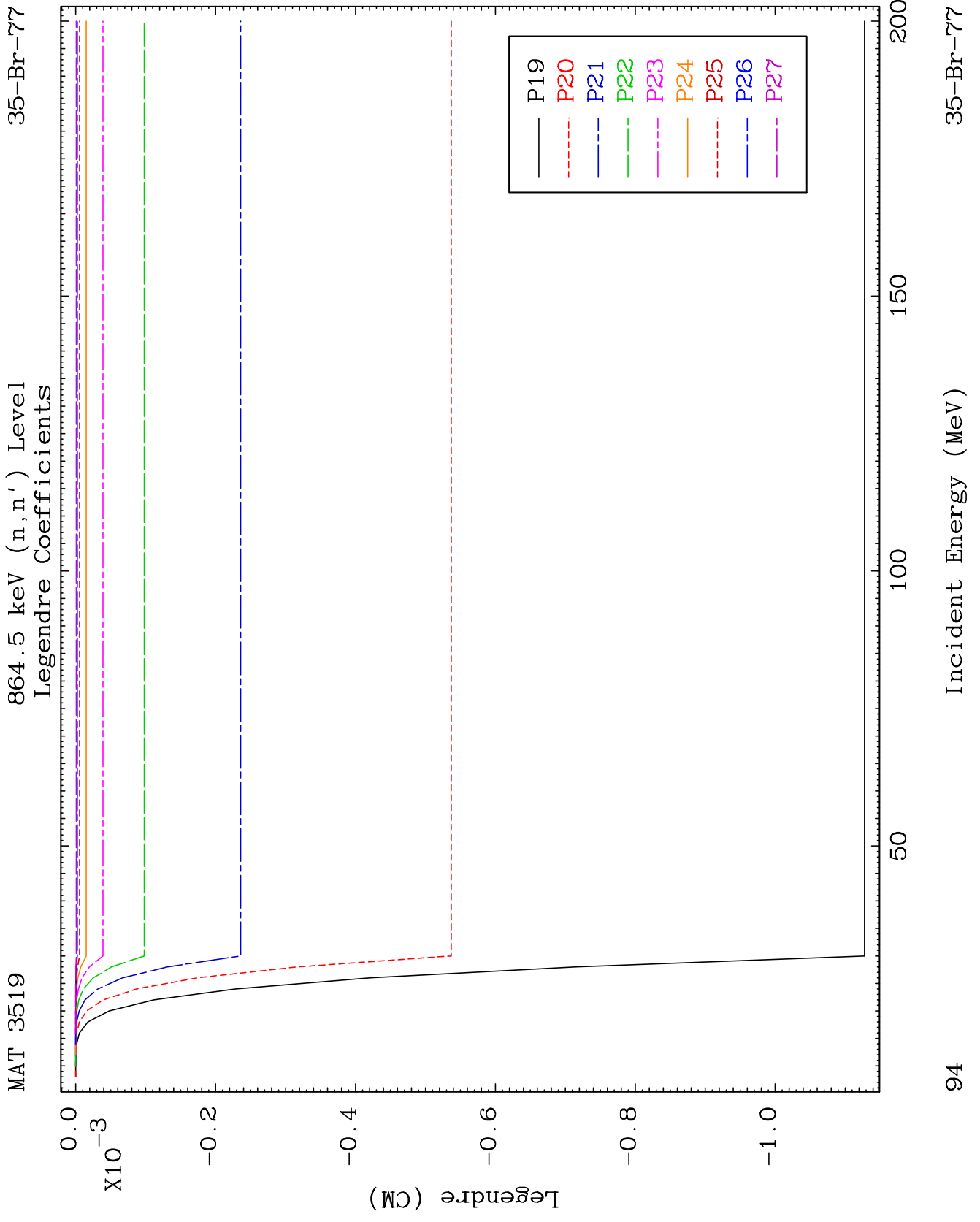
Incident Energy (MeV)

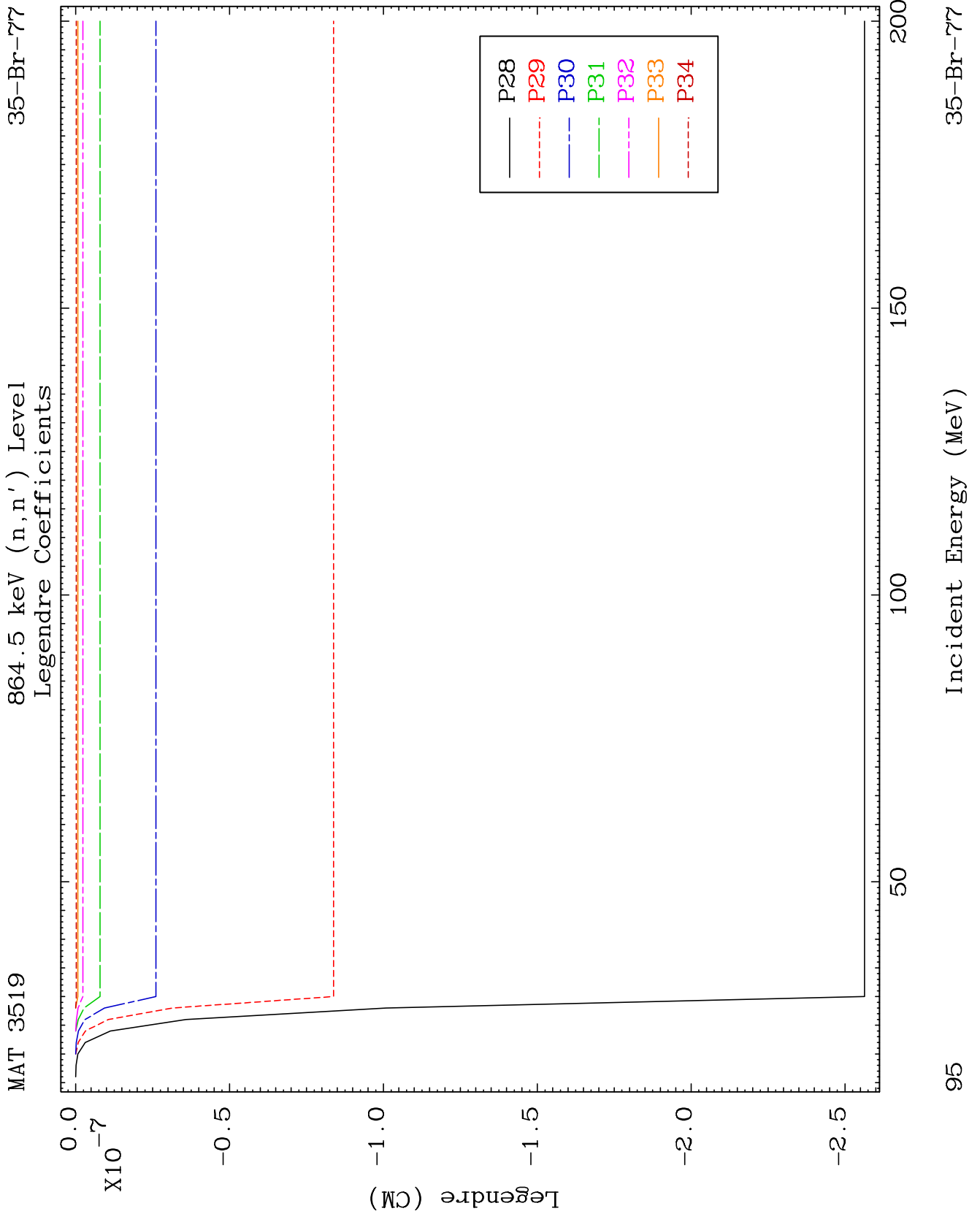
35-Br-77

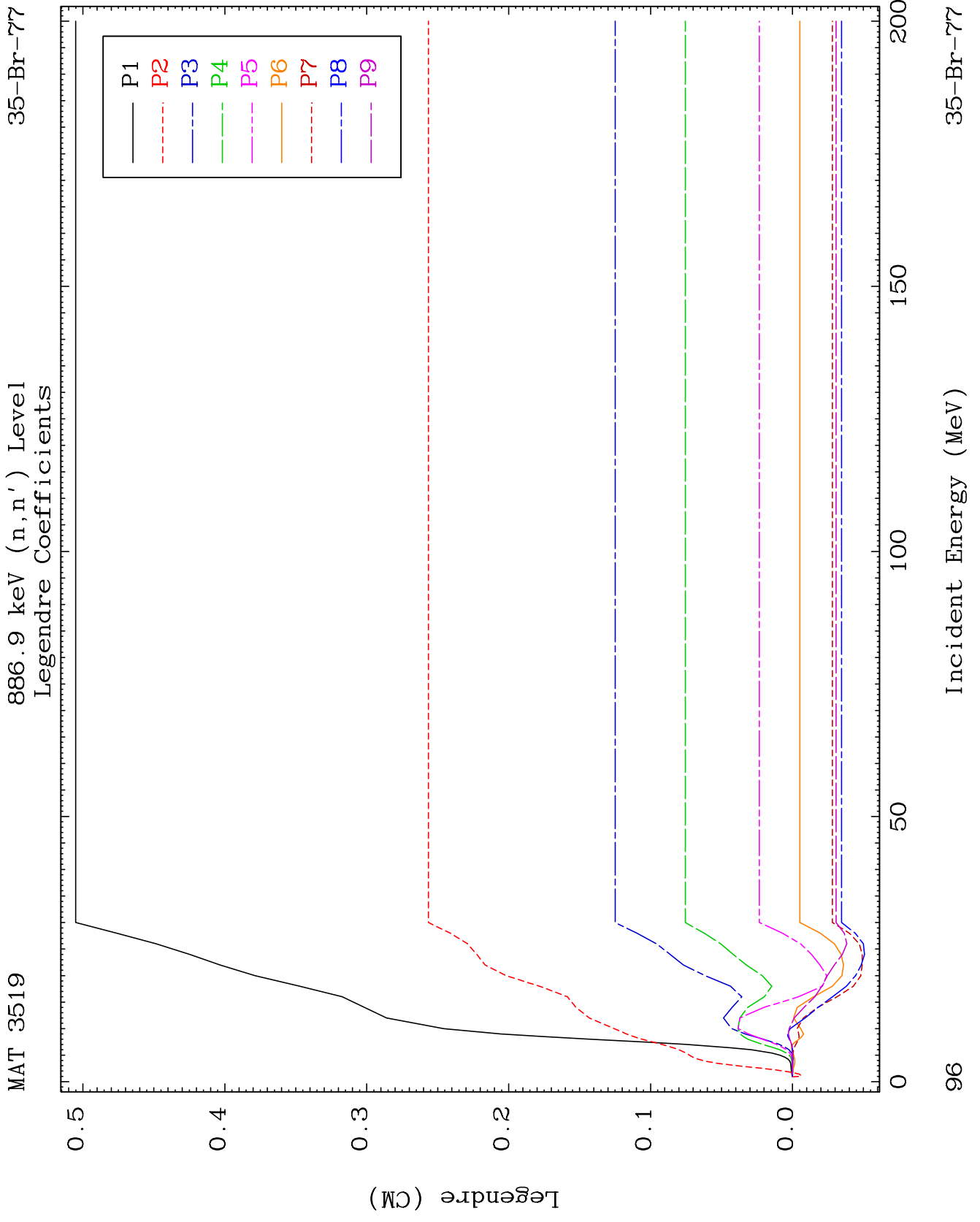


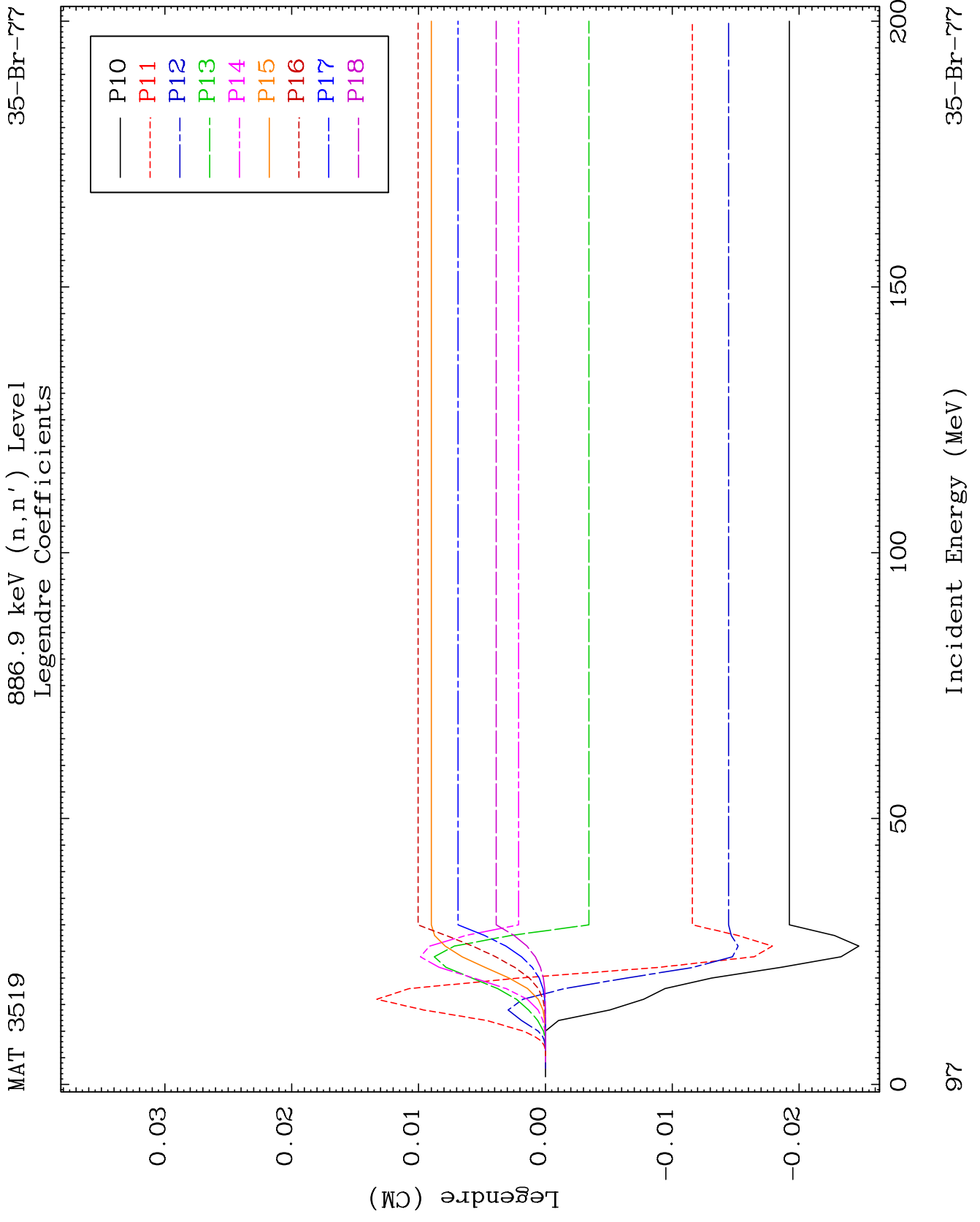








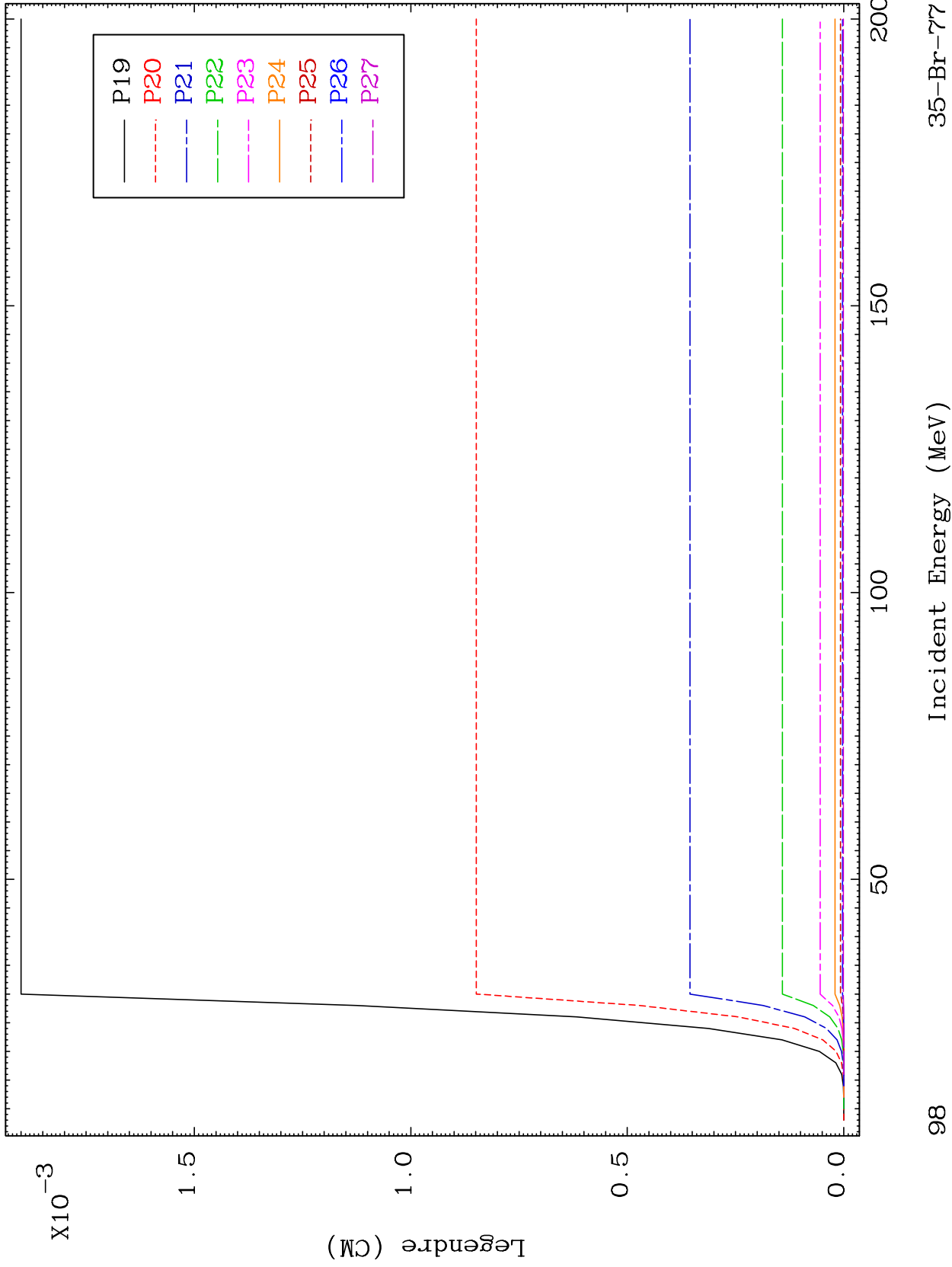




MAT 3519

886.9 keV (n,n') Level
Legendre Coefficients

35-Br-77



98

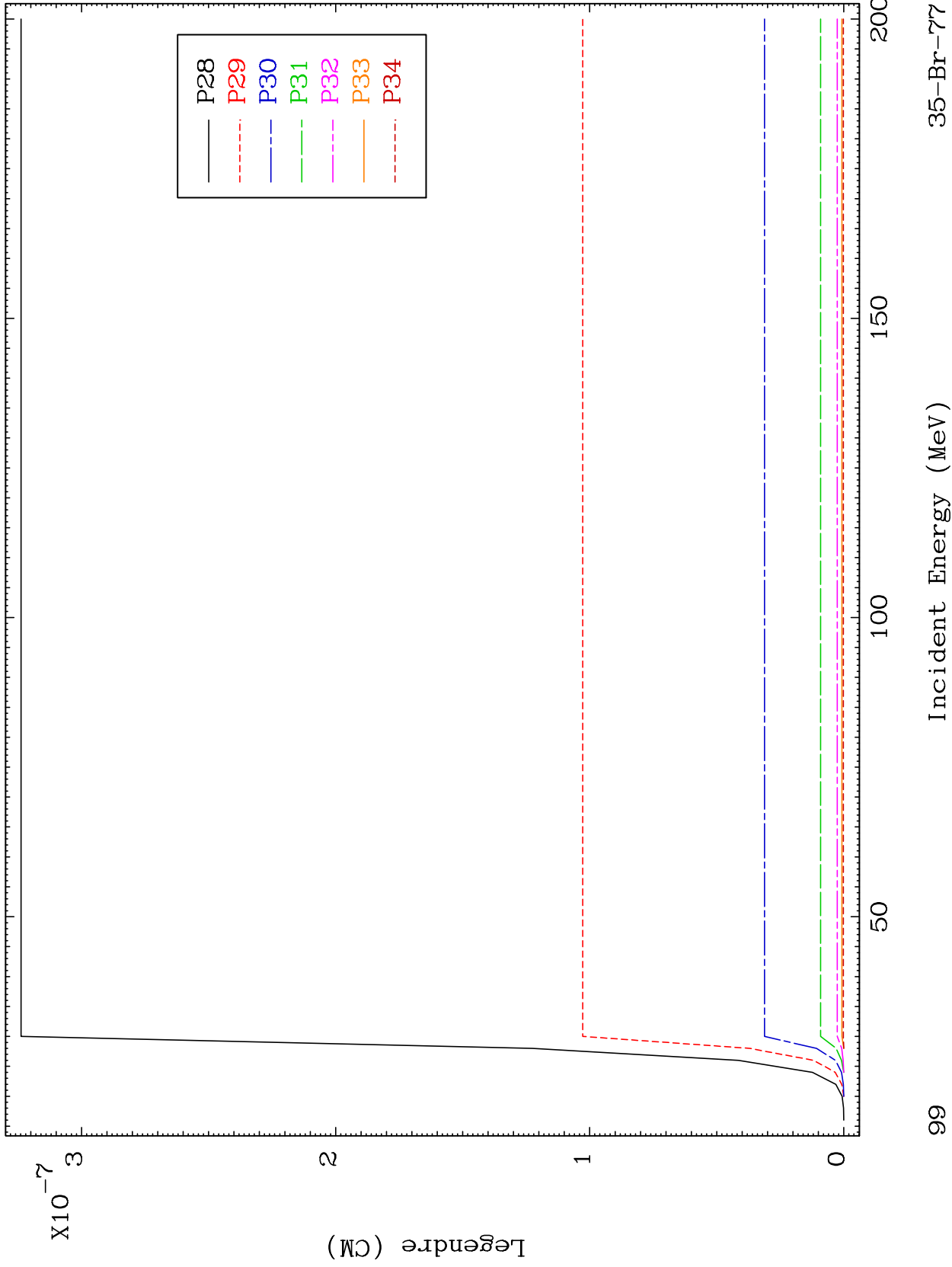
Incident Energy (MeV)

35-Br-77

MAT 3519

886.9 keV (n,n') Level
Legendre Coefficients

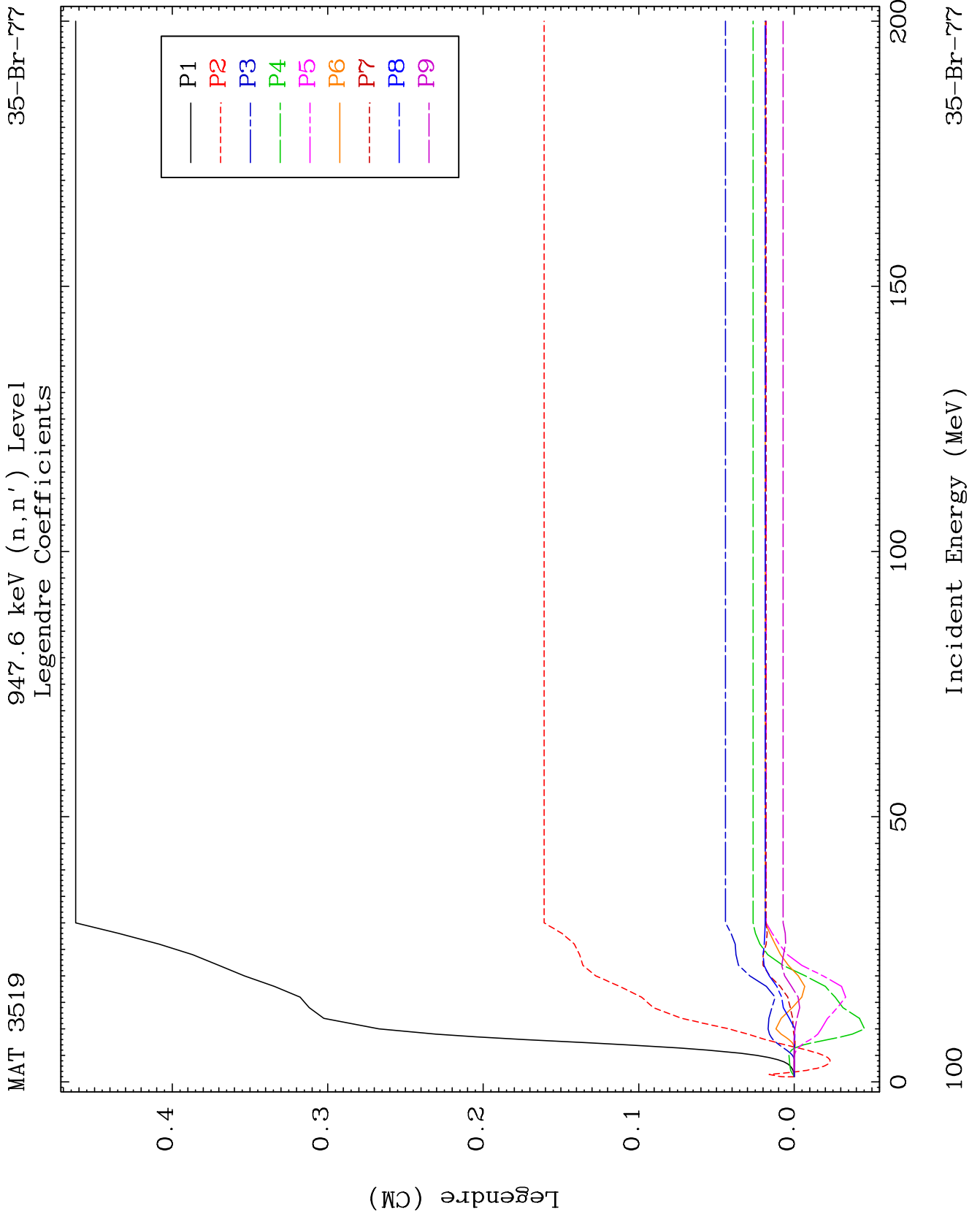
35-Br-77



99

Incident Energy (MeV)

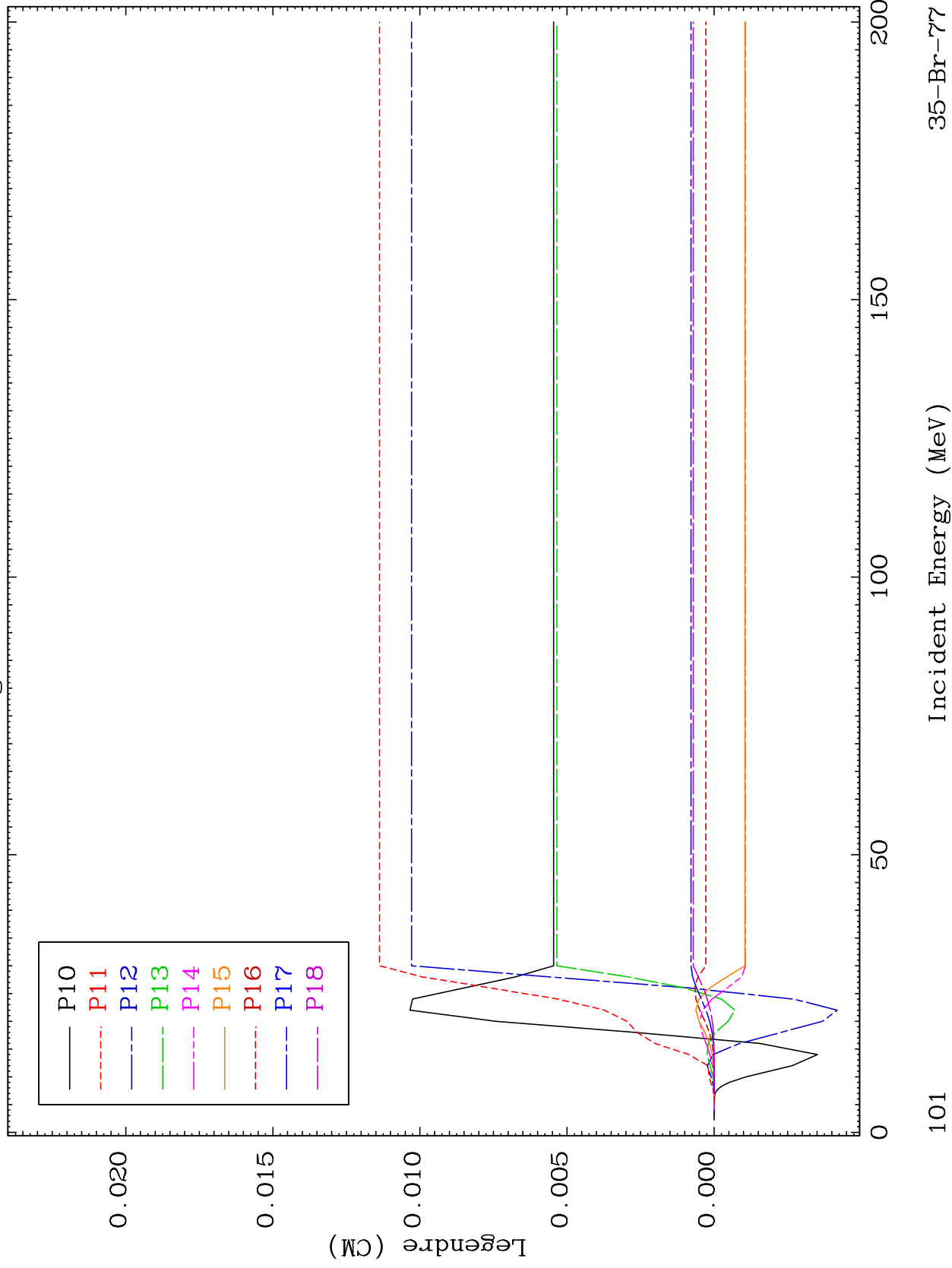
35-Br-77



MAT 3519

947.6 keV (n,n') Level
Legendre Coefficients

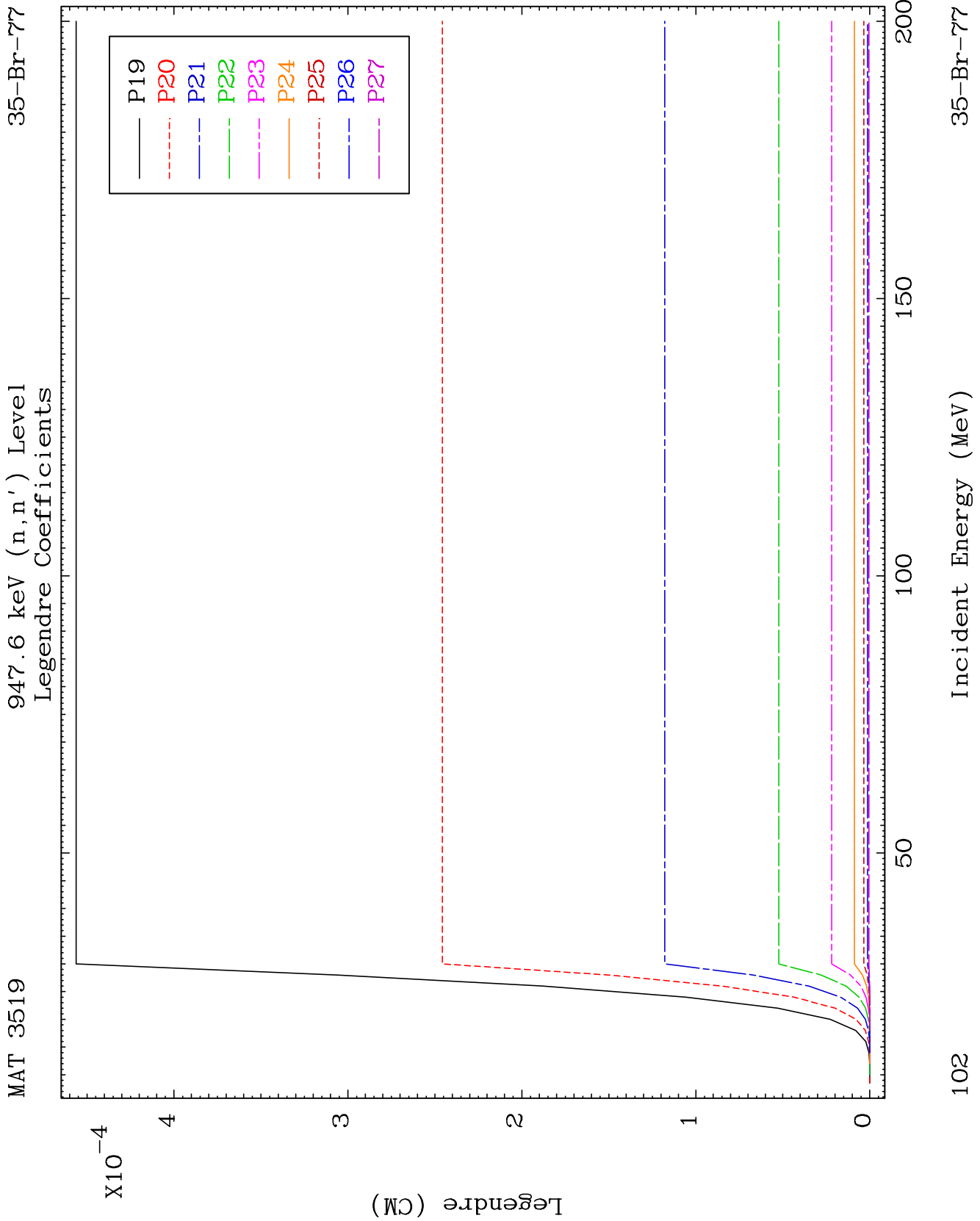
35-Br-77

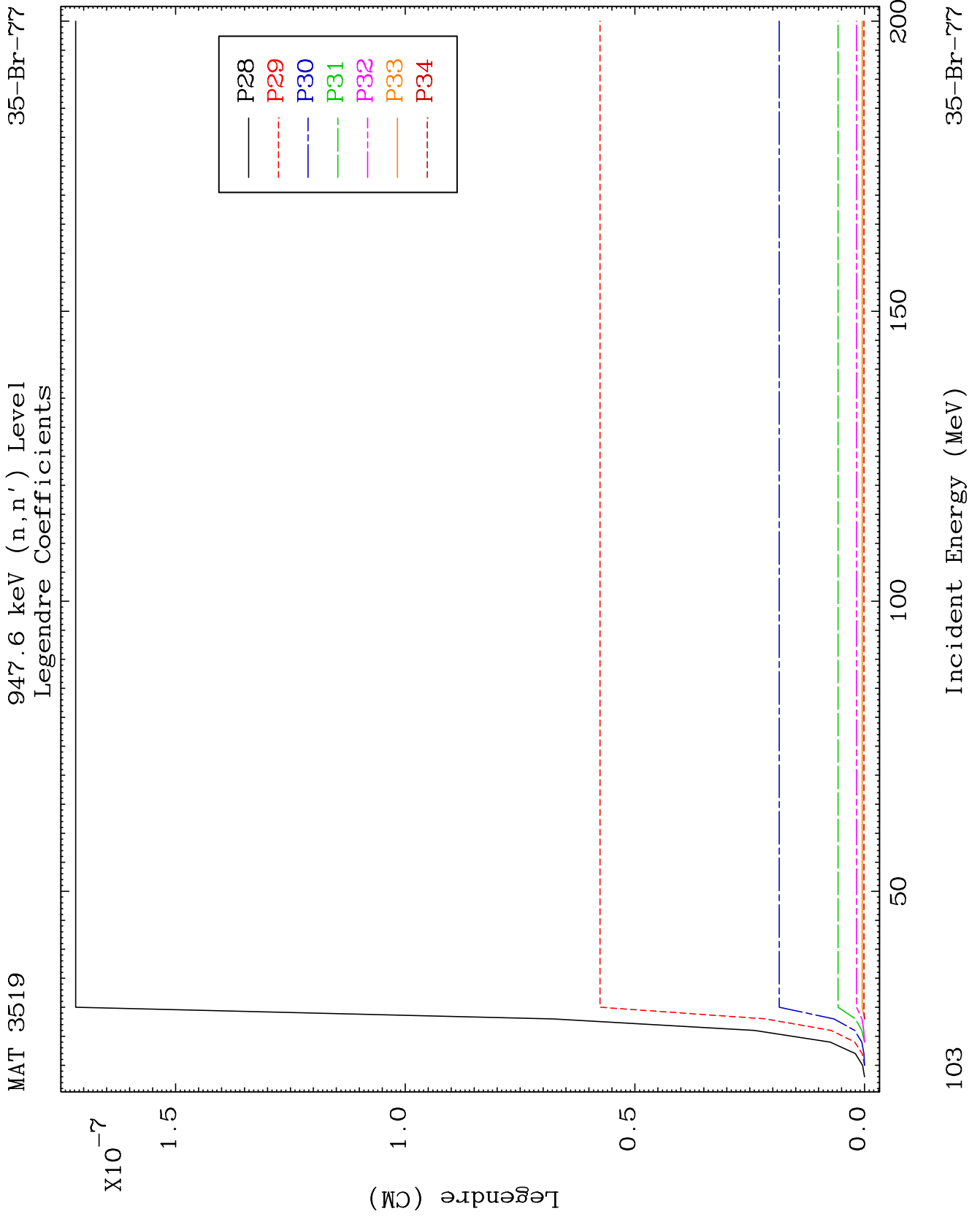


101

Incident Energy (MeV)

35-Br-77

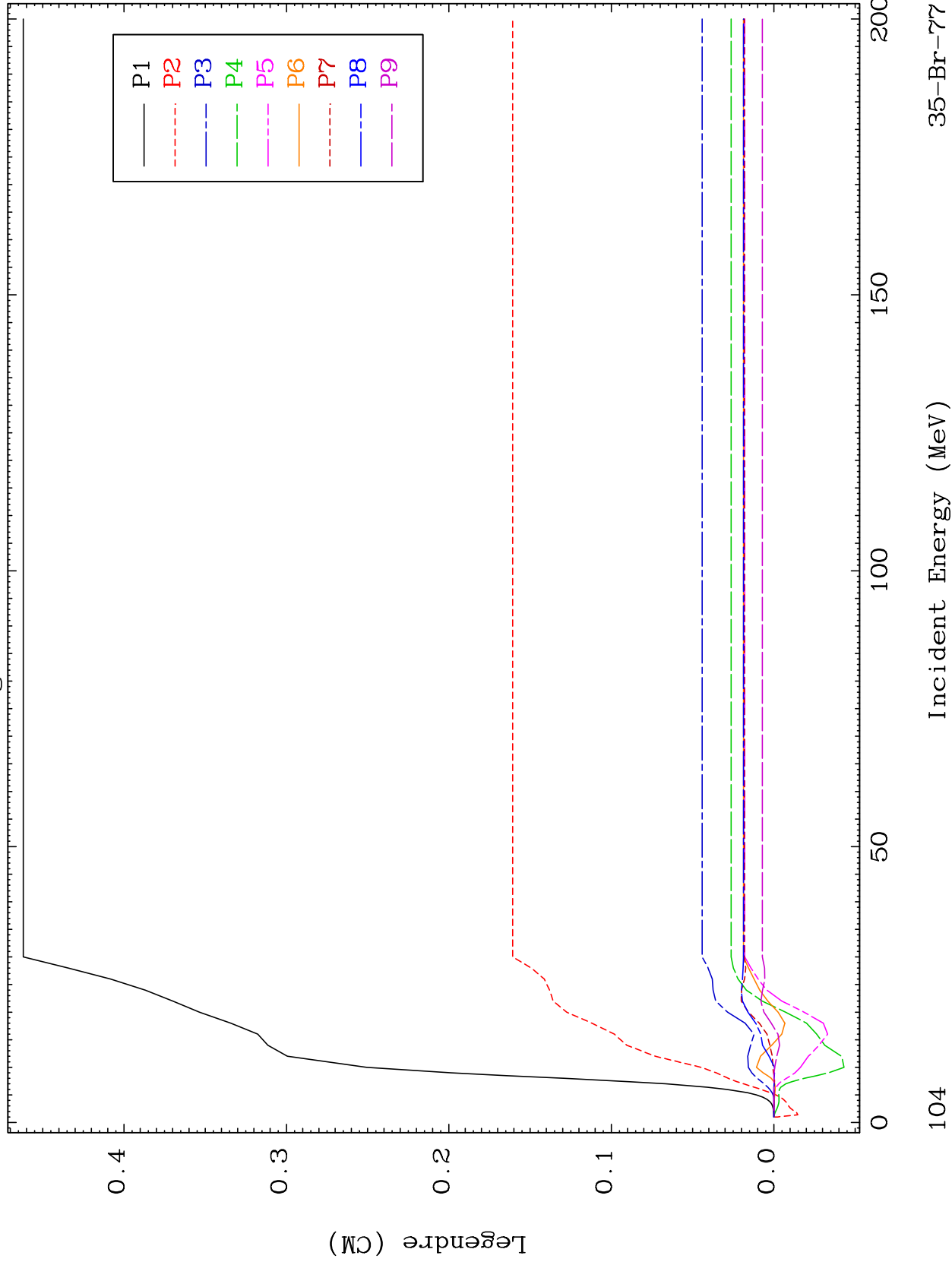




MAT 3519

967.2 keV (n,n') Level
Legendre Coefficients

35-Br-77



104

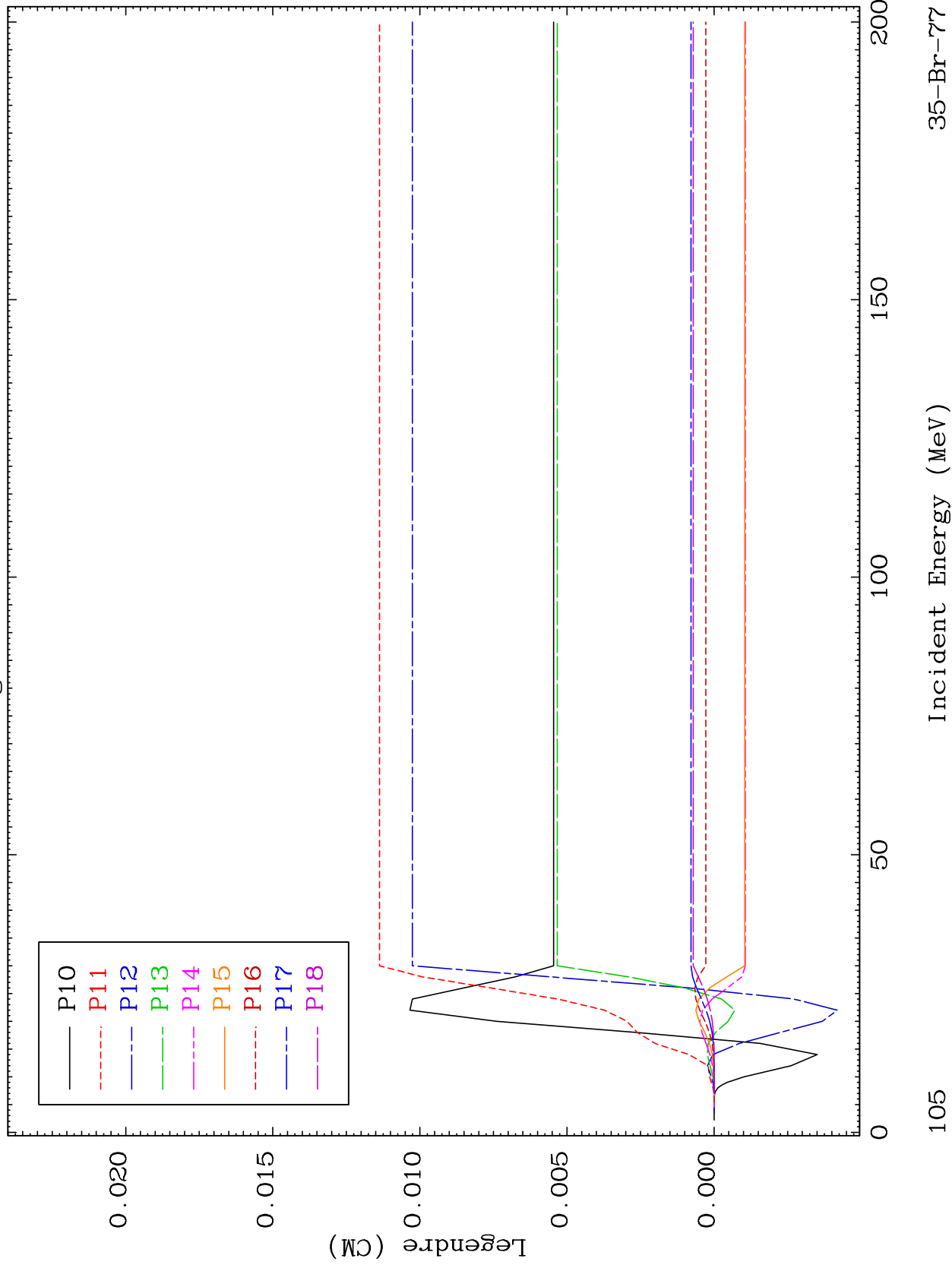
Incident Energy (MeV)

35-Br-77

MAT 3519

967.2 keV (n,n') Level
Legendre Coefficients

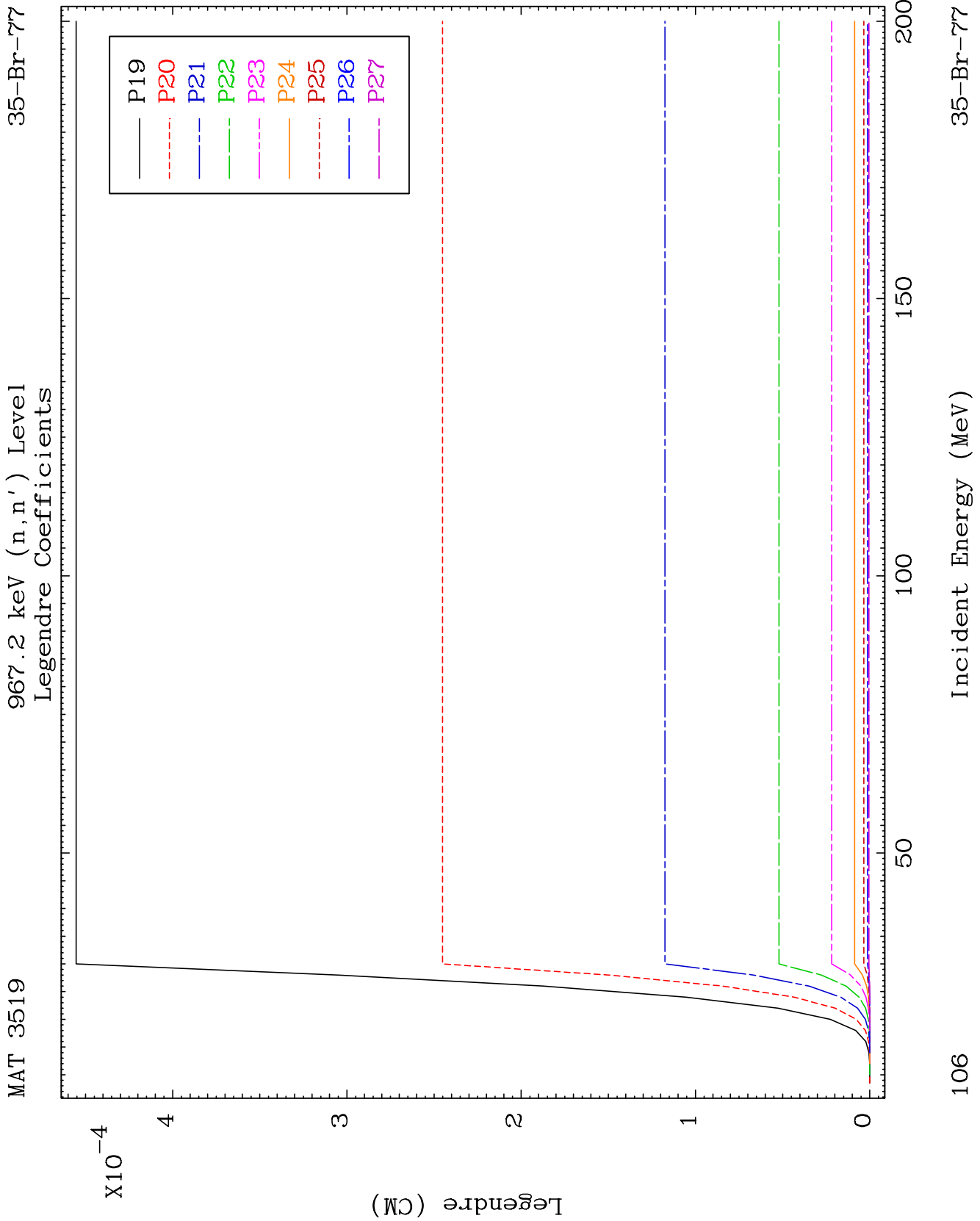
35-Br-77

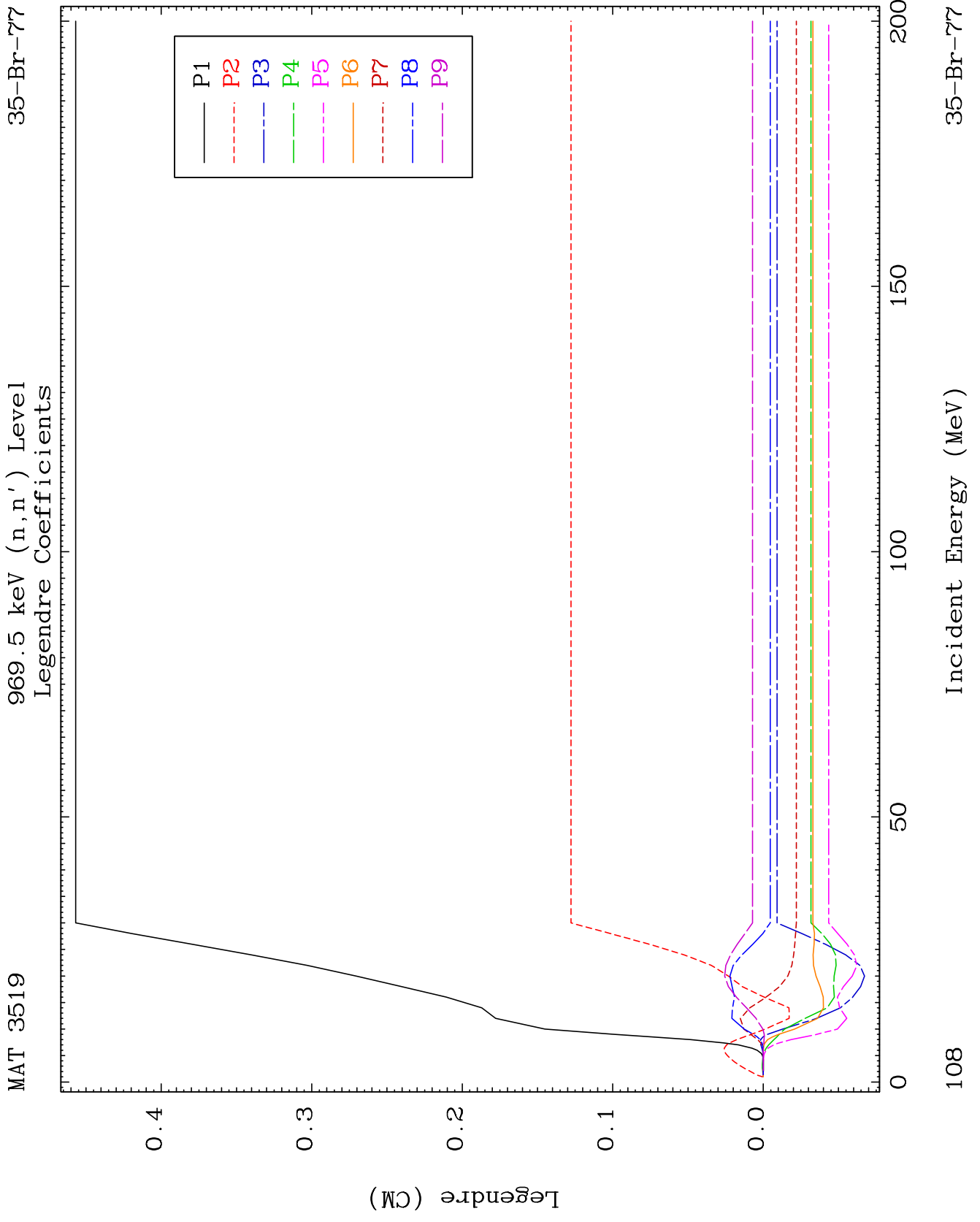


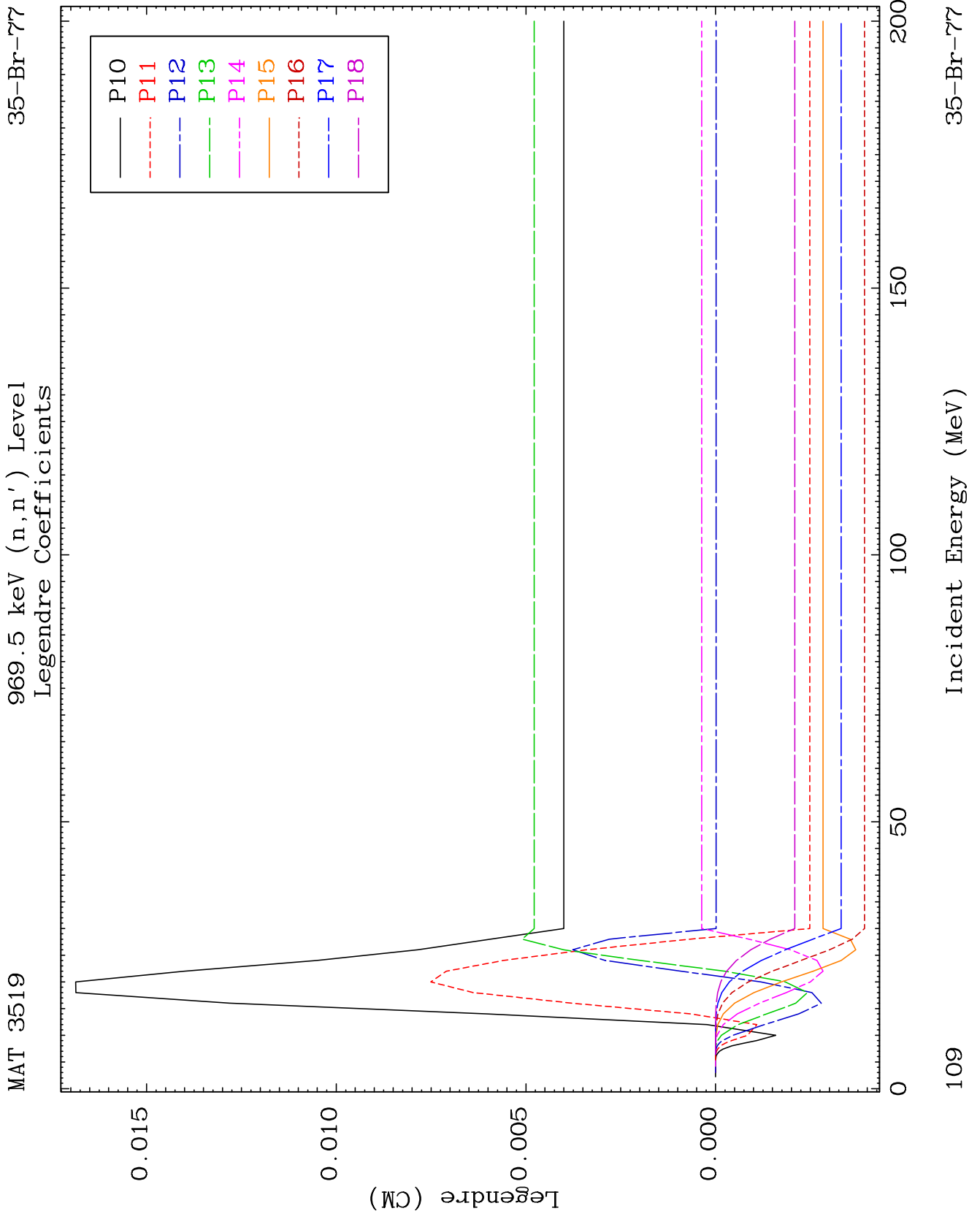
35-Br-77

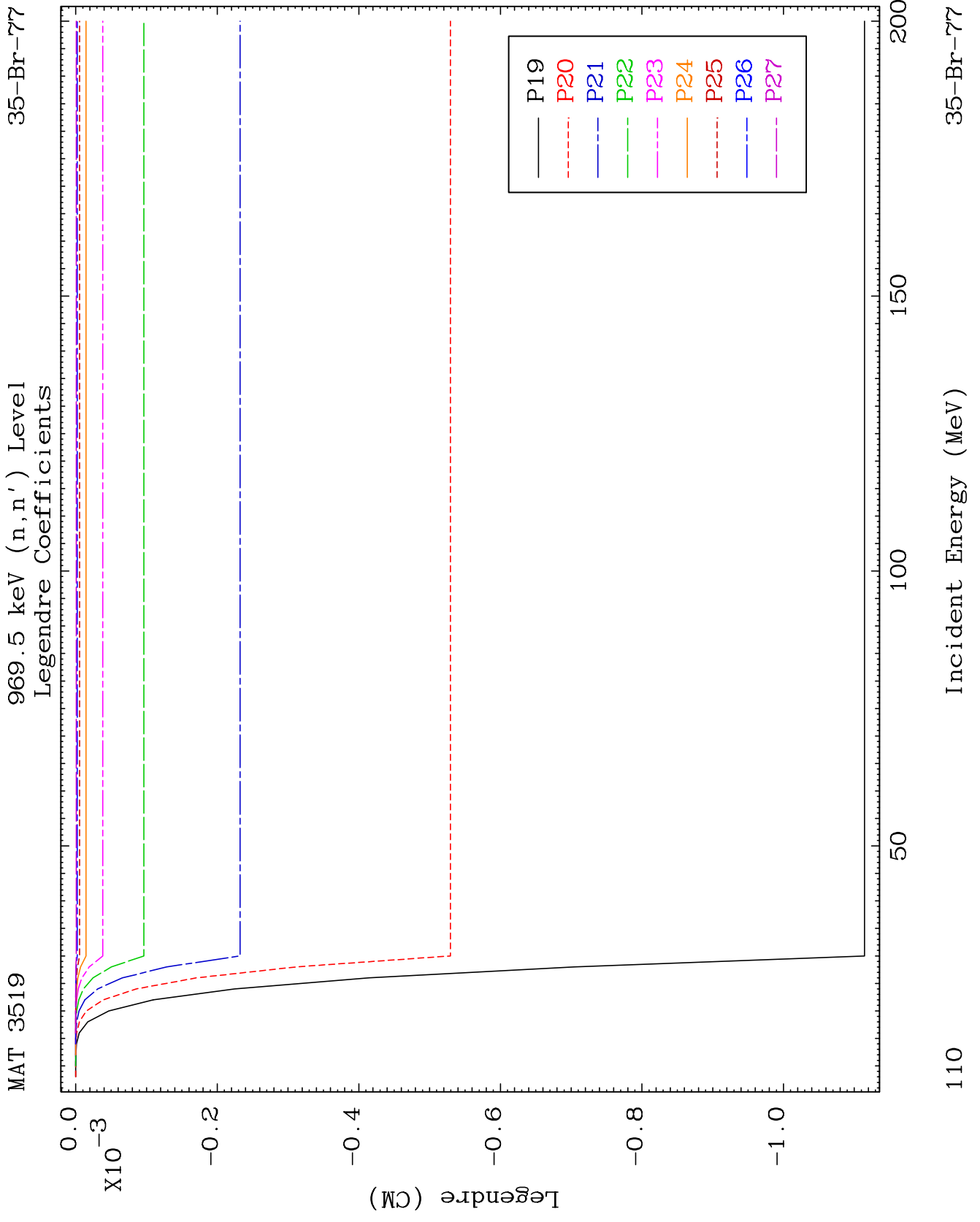
Incident Energy (MeV)

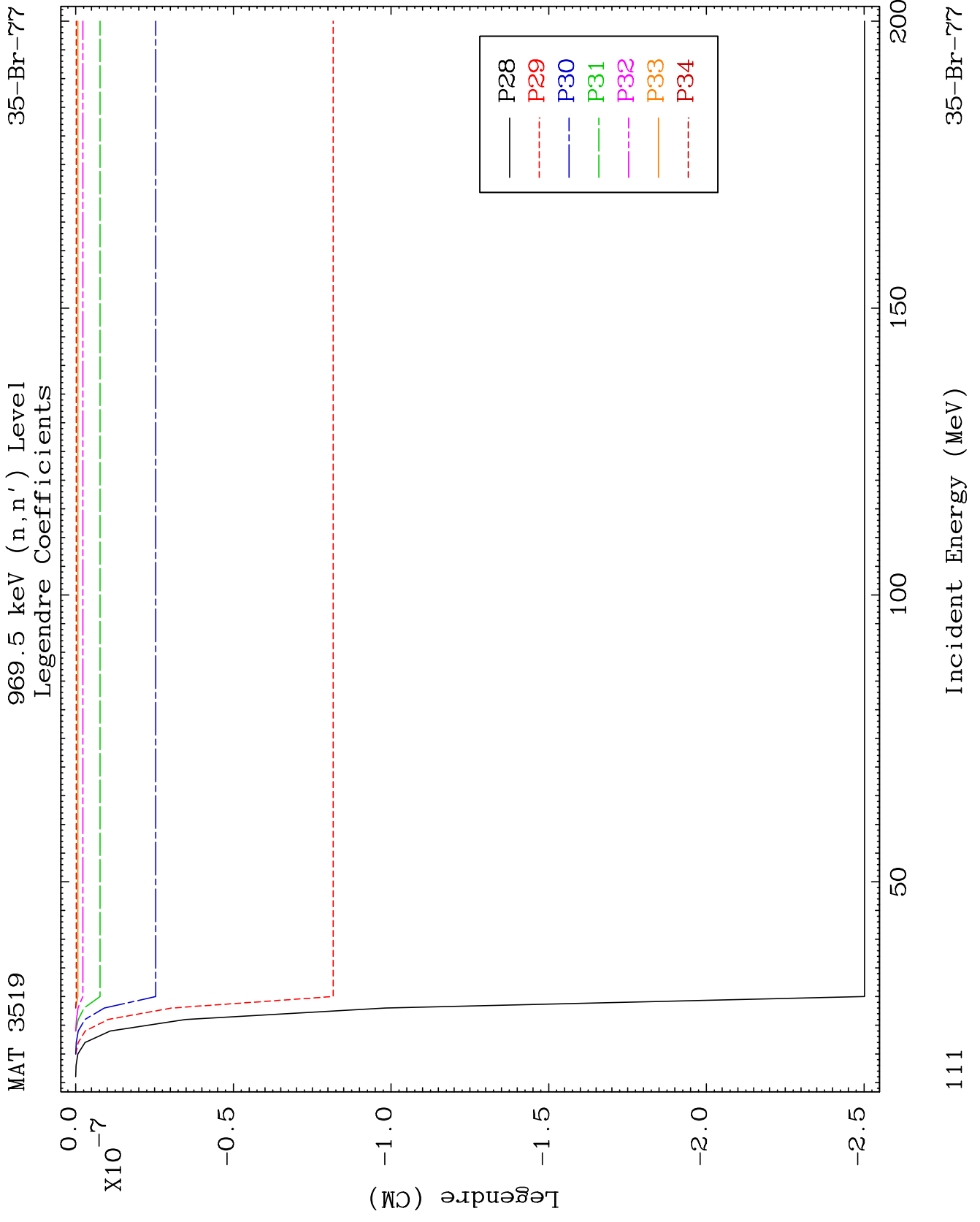
105

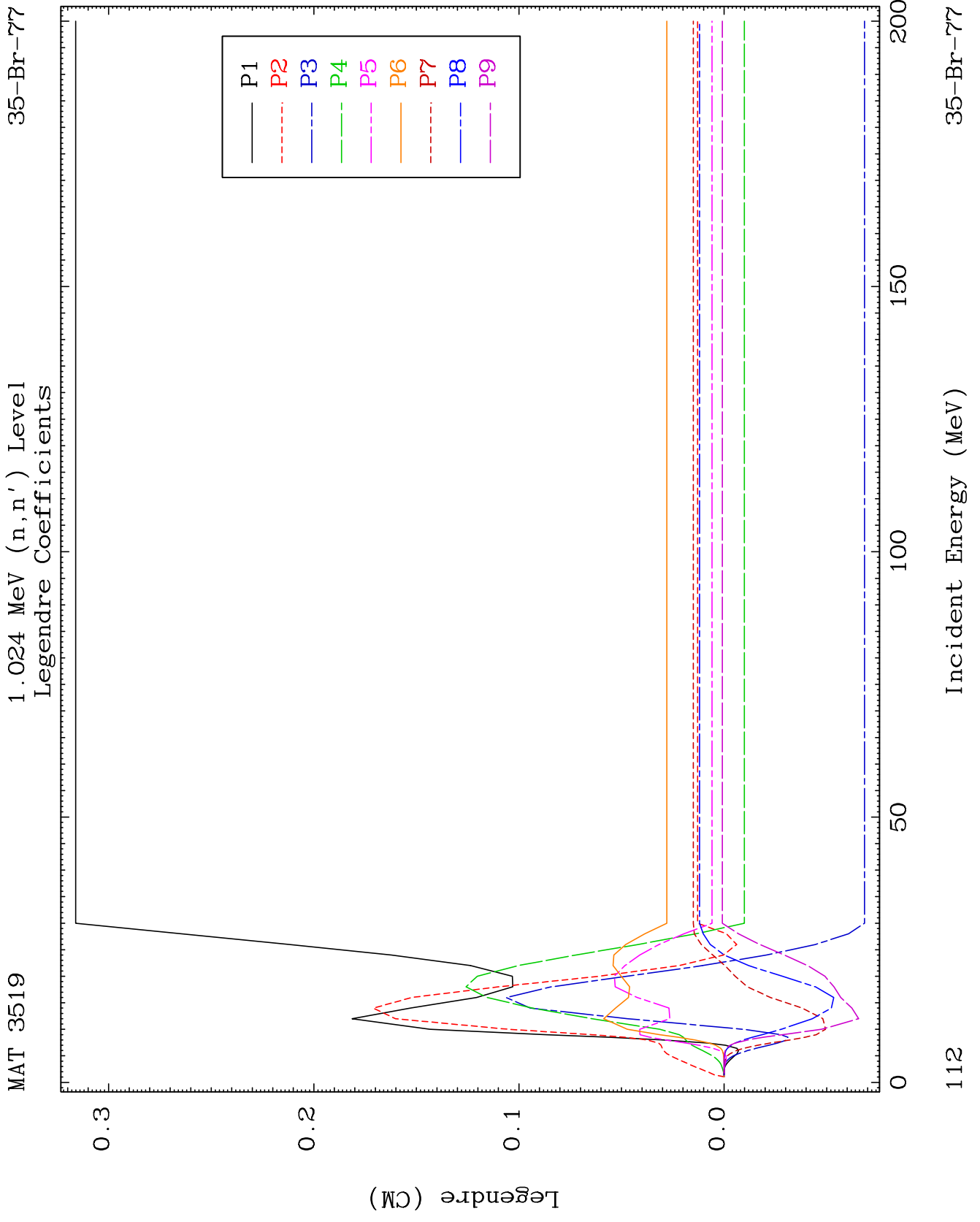








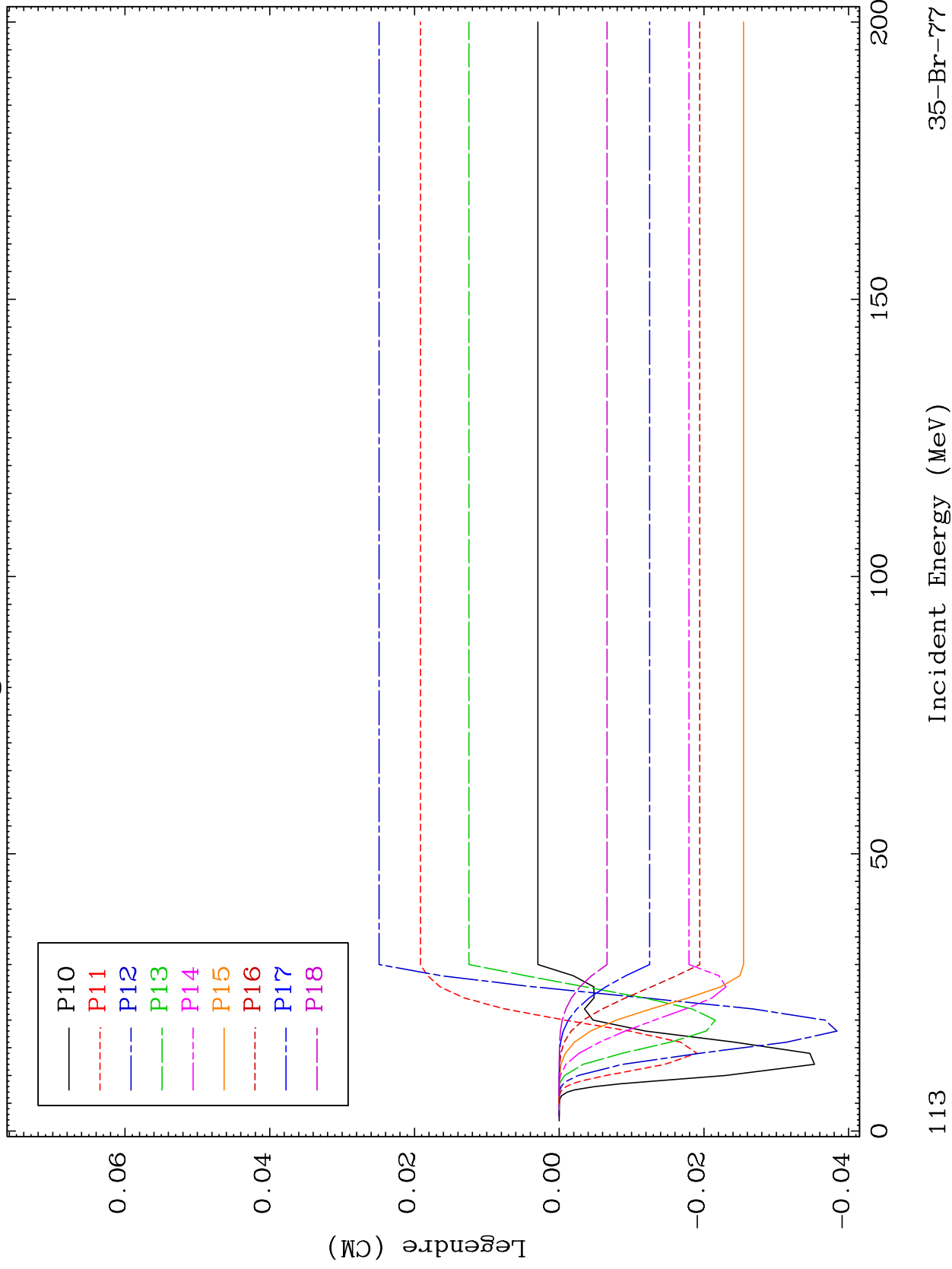




MAT 3519

1.024 MeV (n,n') Level
Legendre Coefficients

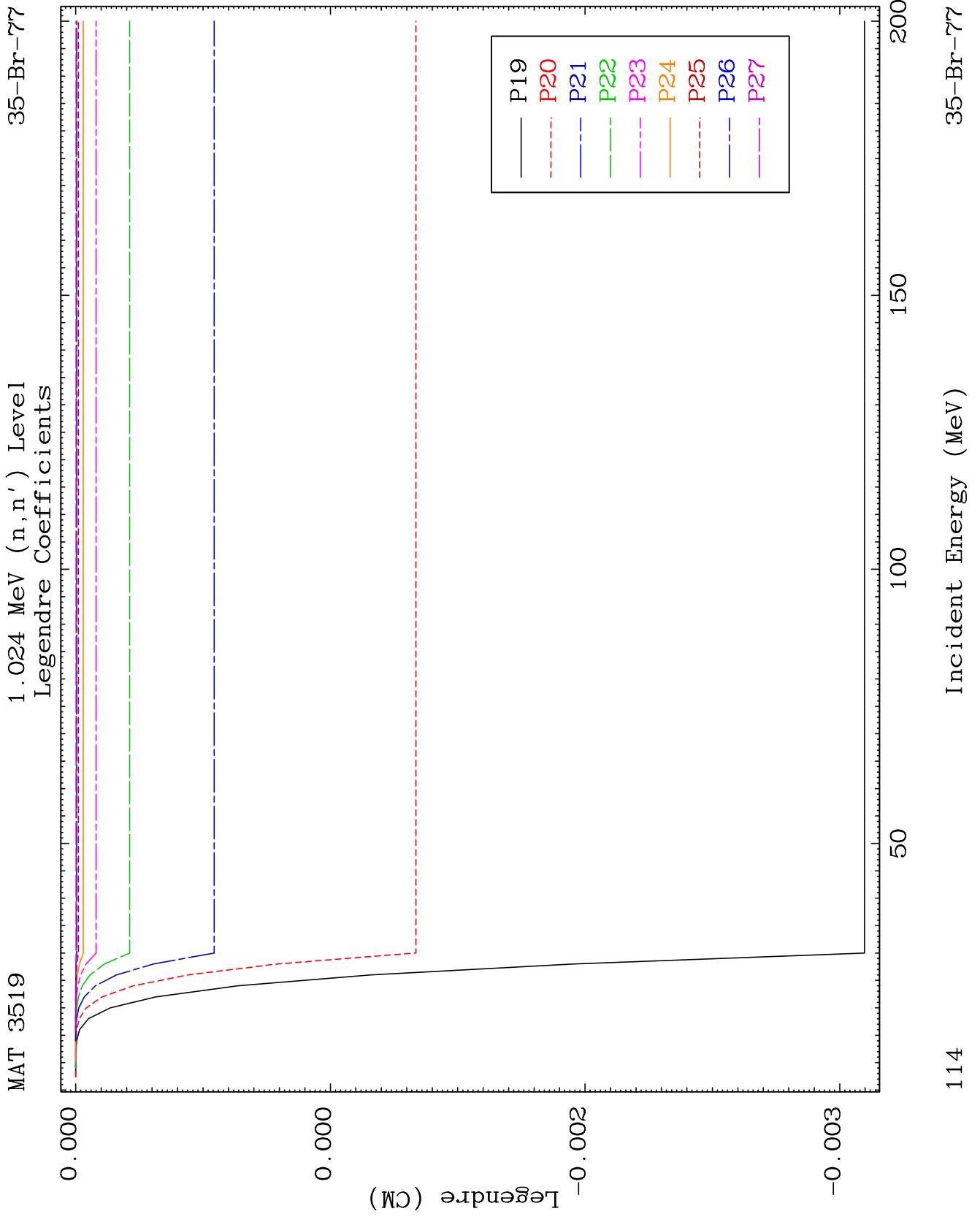
35-Br-77

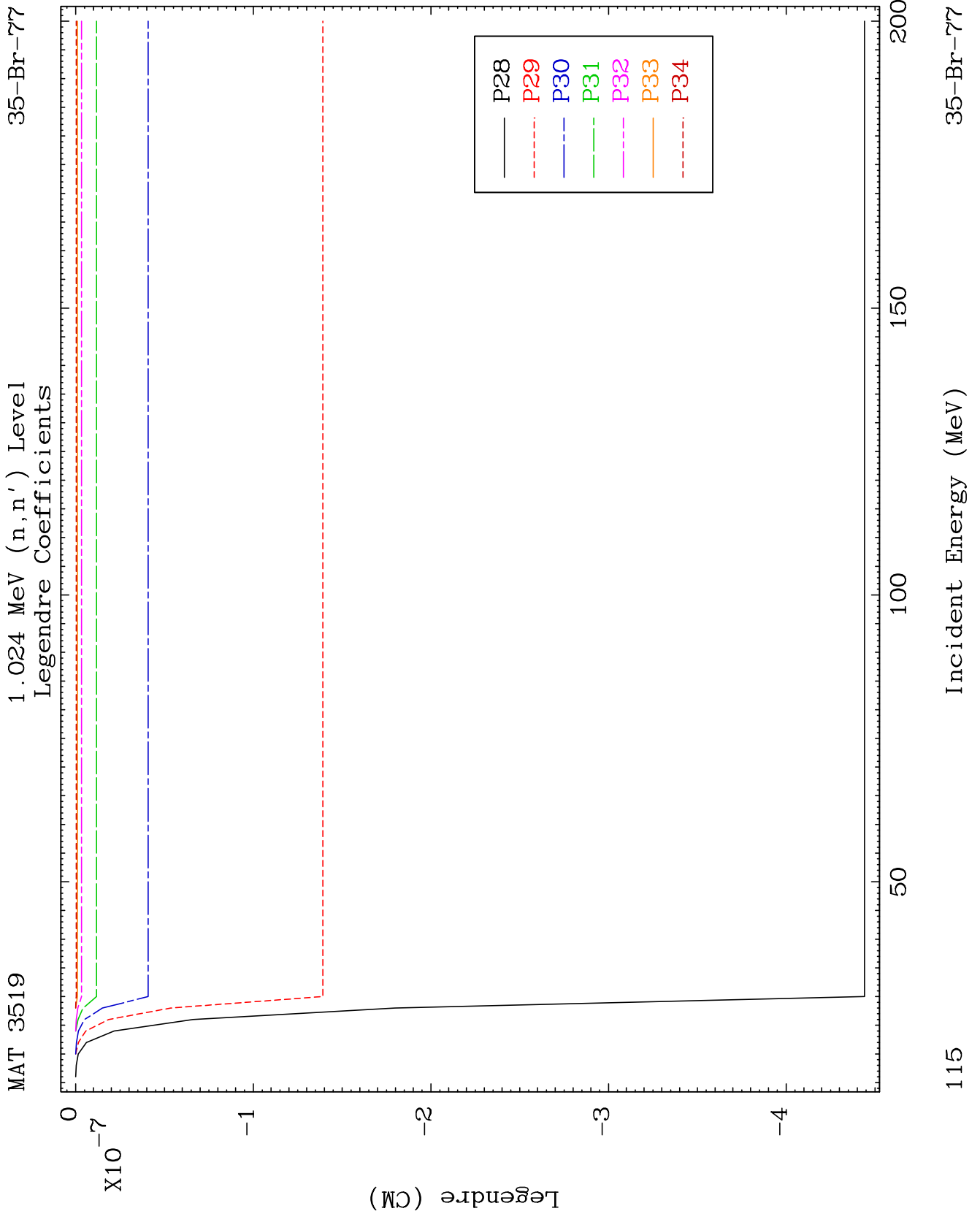


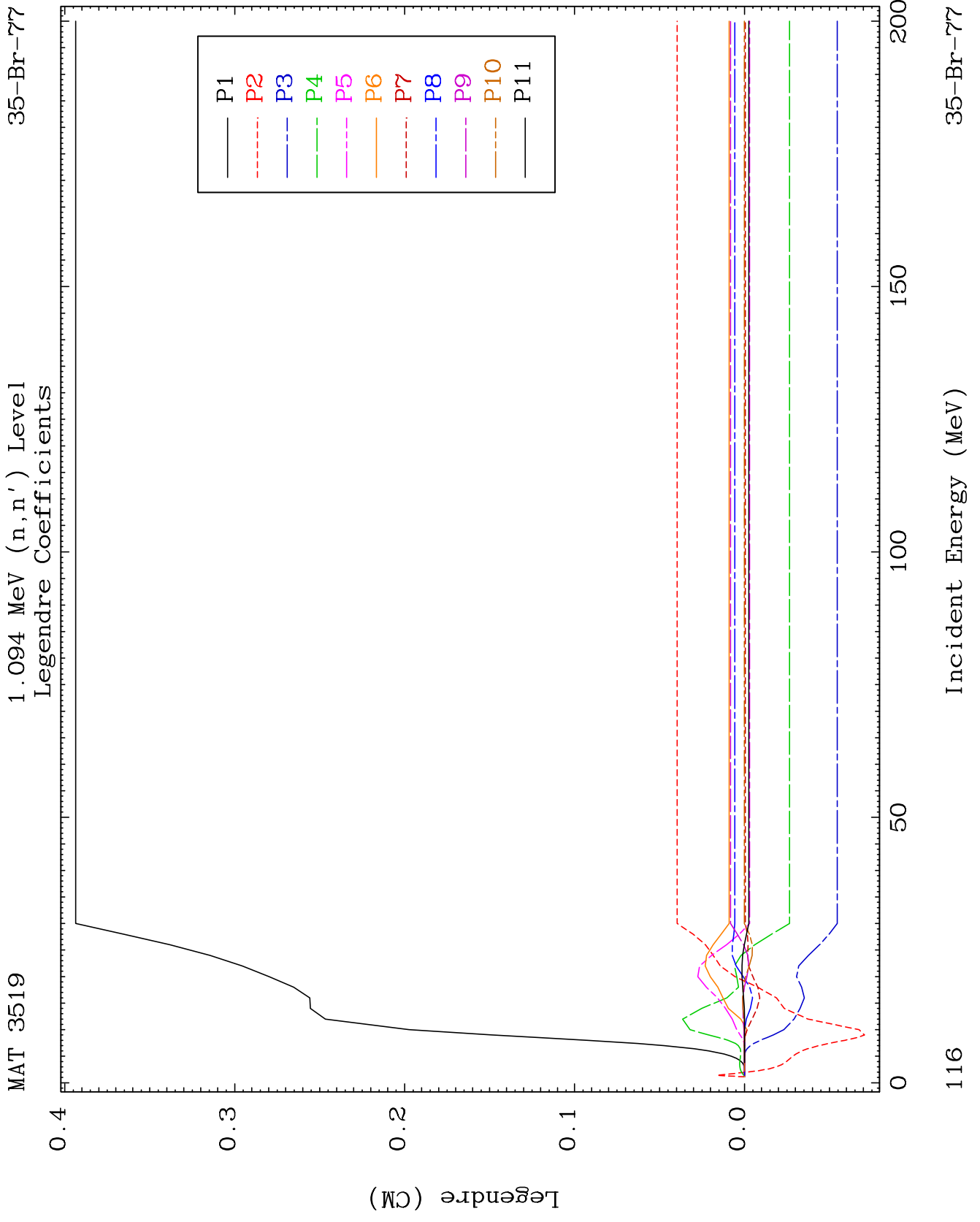
113

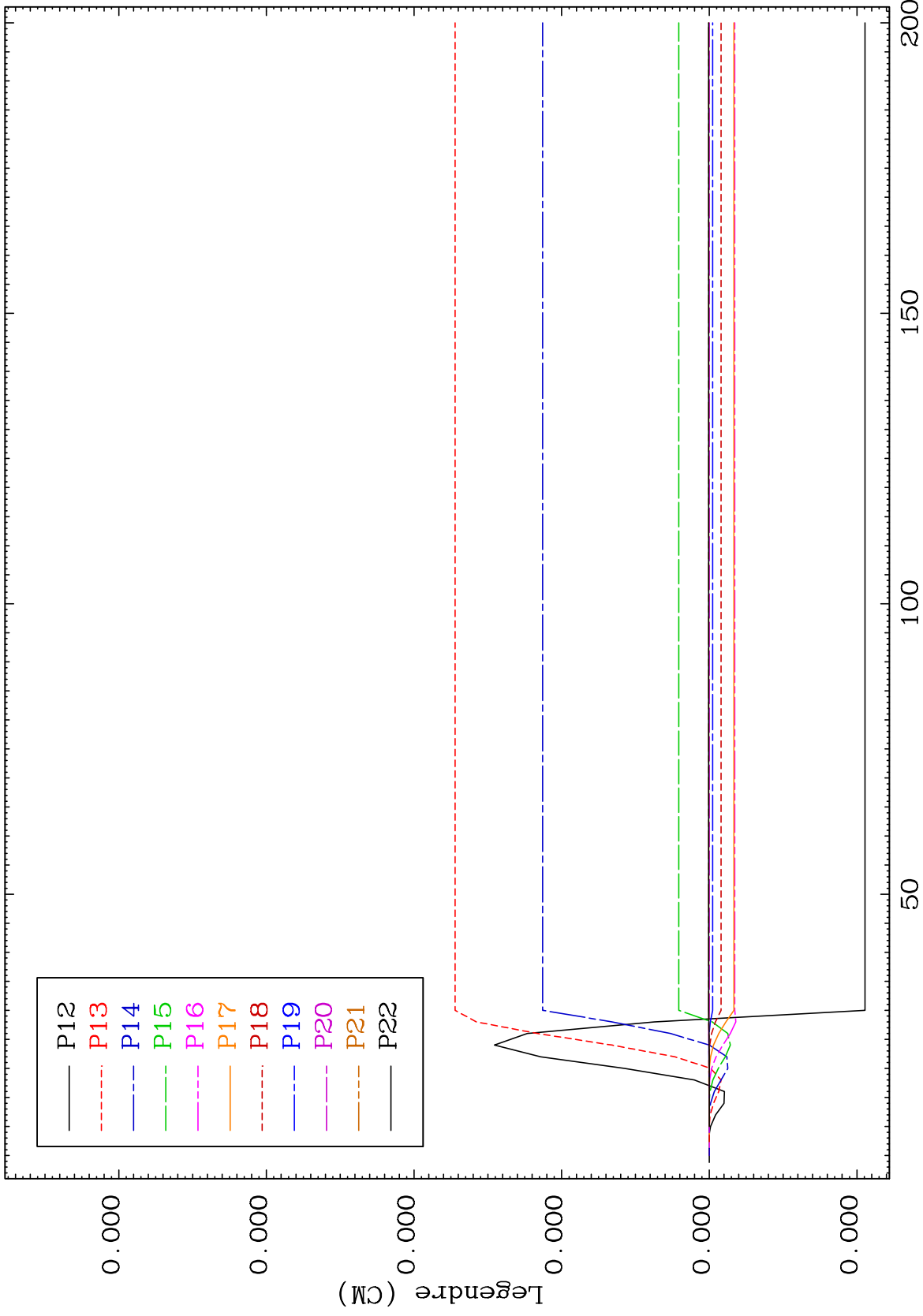
Incident Energy (MeV)

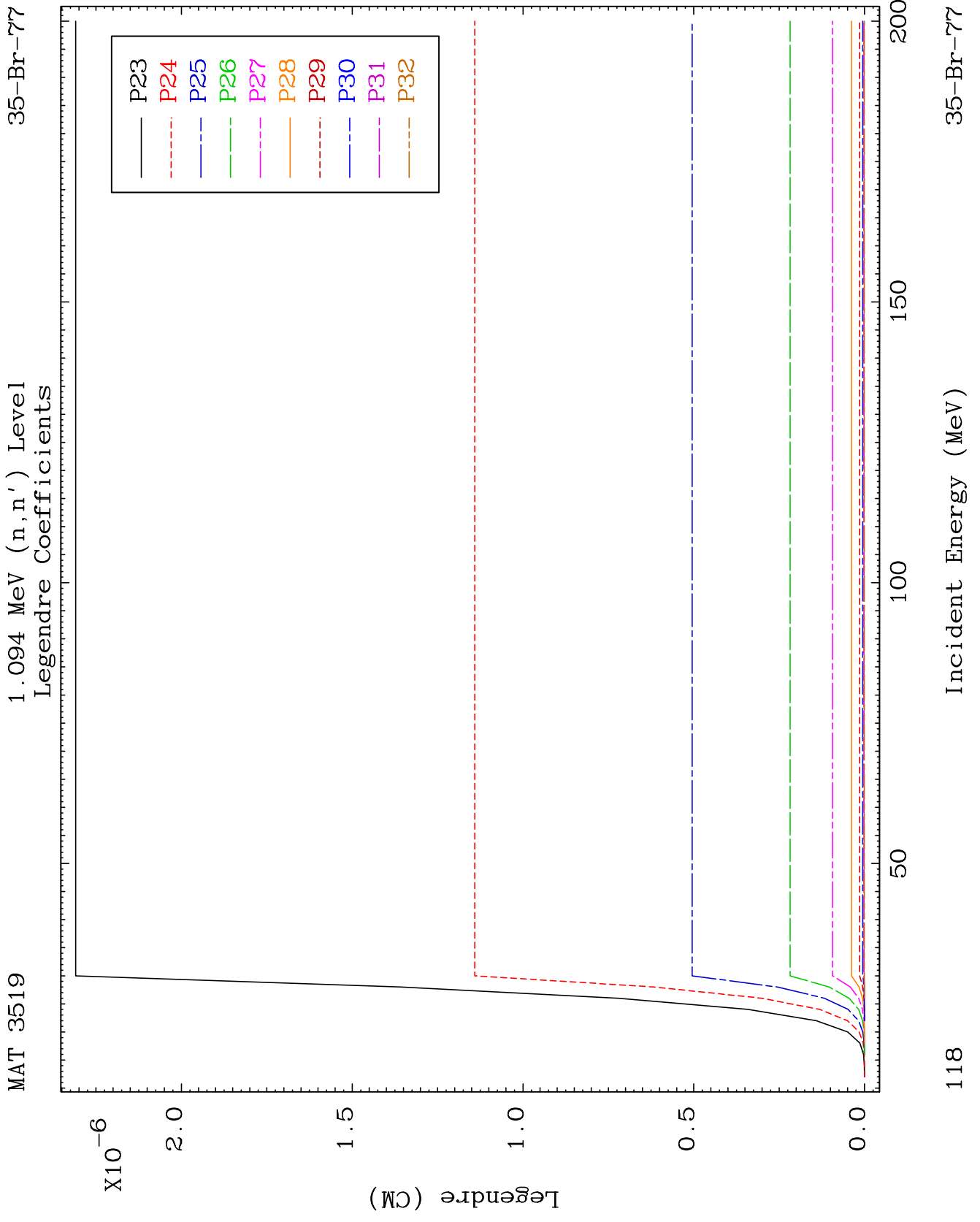
35-Br-77







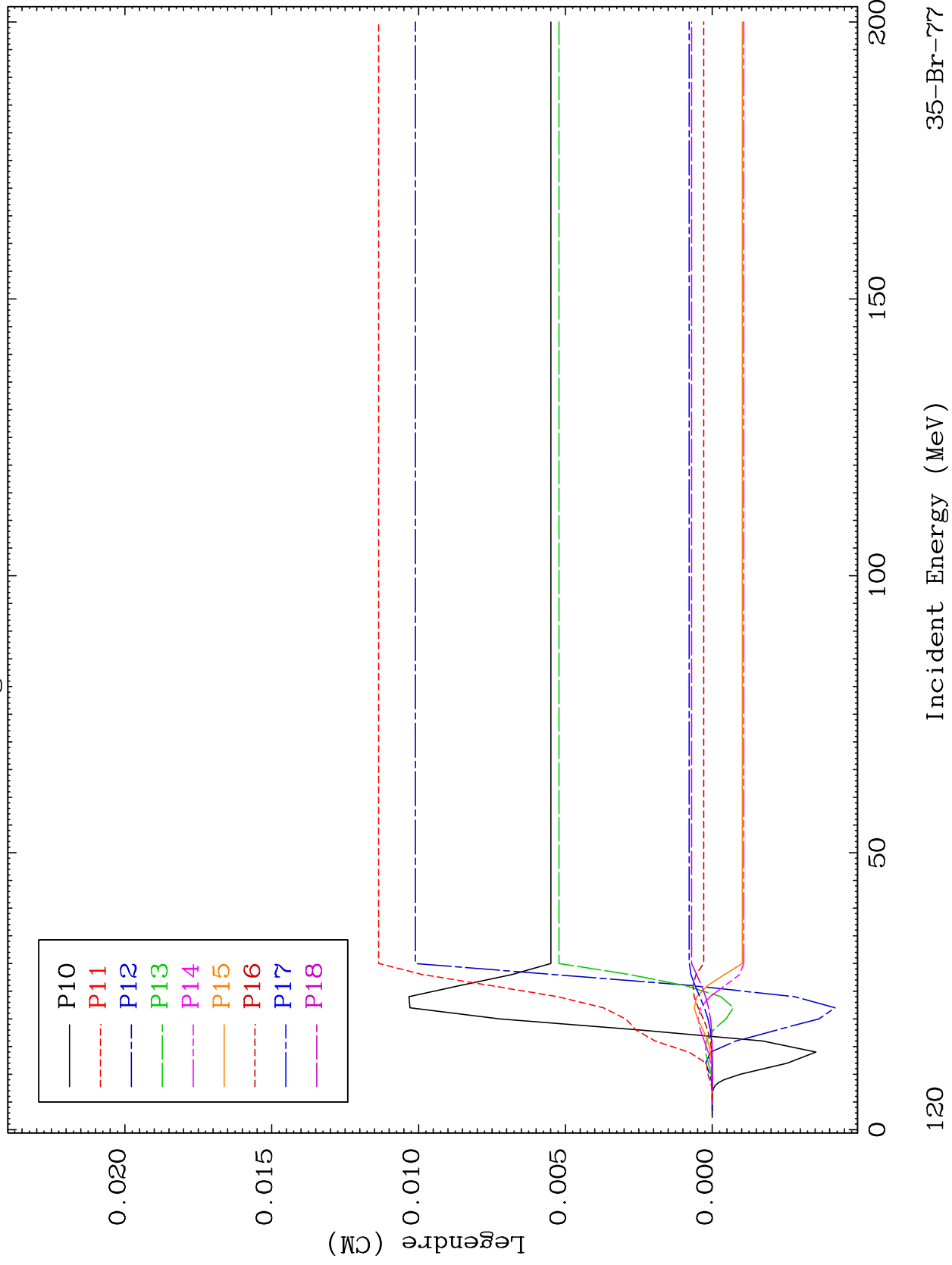




MAT 3519

1.098 MeV (n,n') Level
Legendre Coefficients

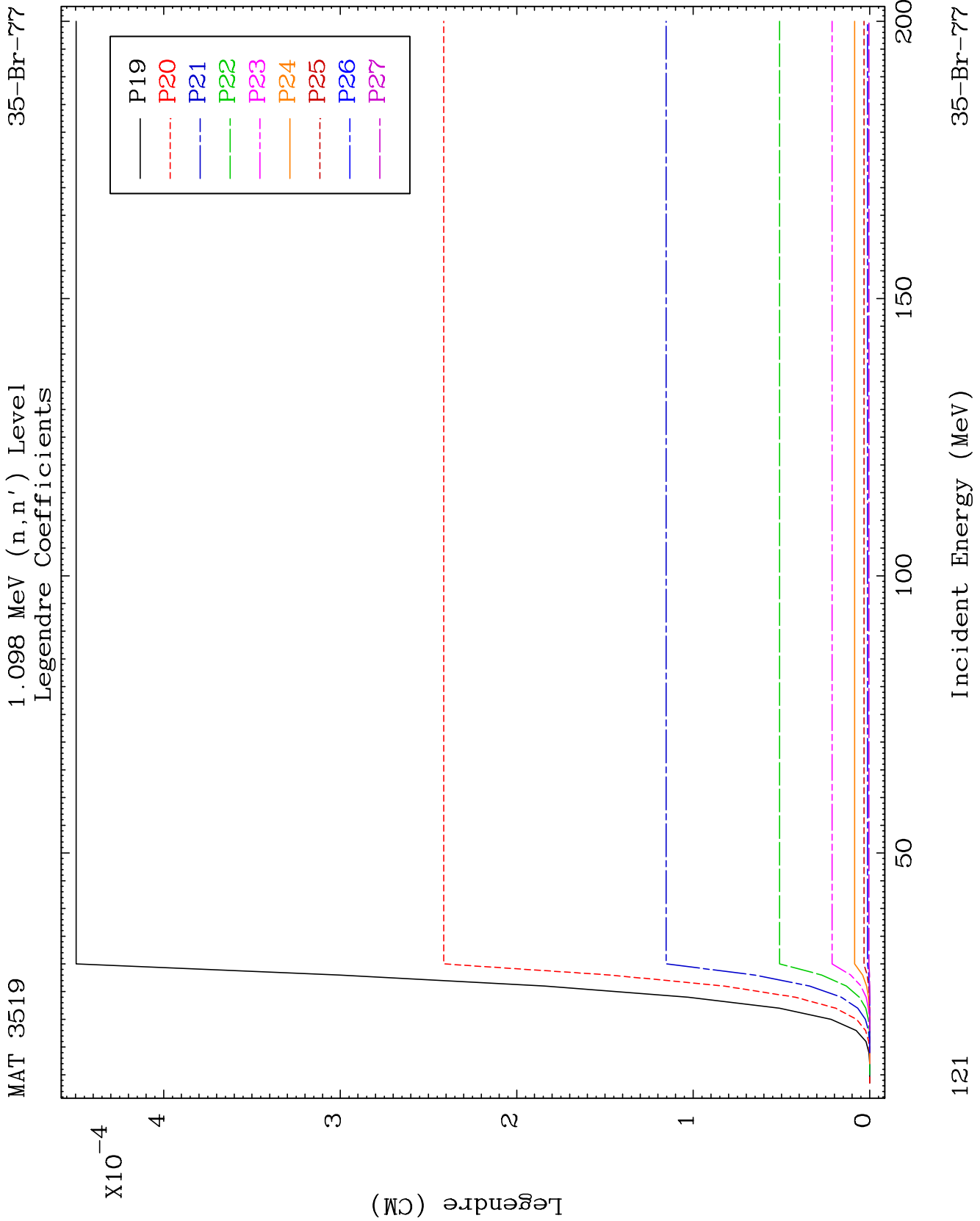
35-Br-77

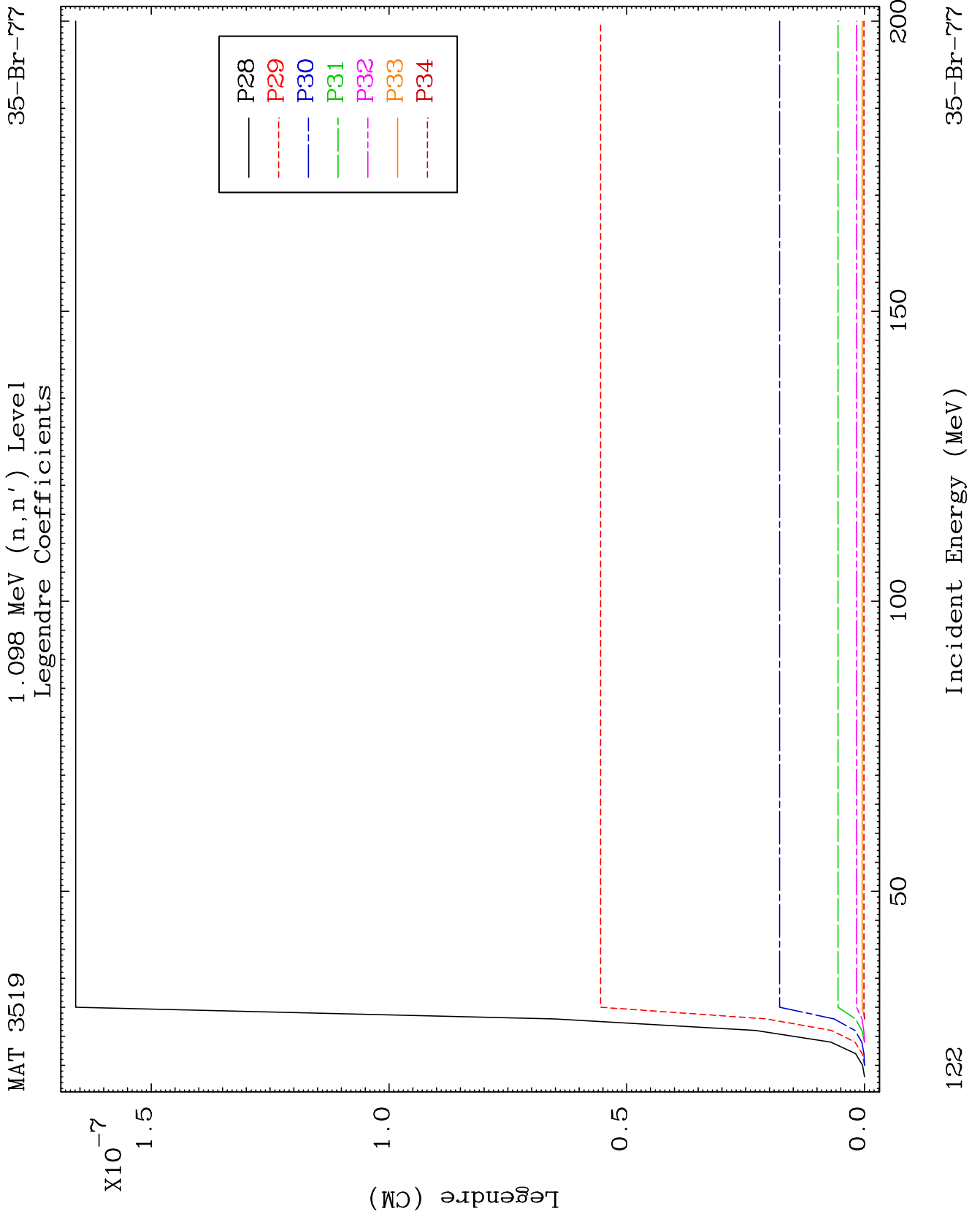


35-Br-77

Incident Energy (MeV)

120

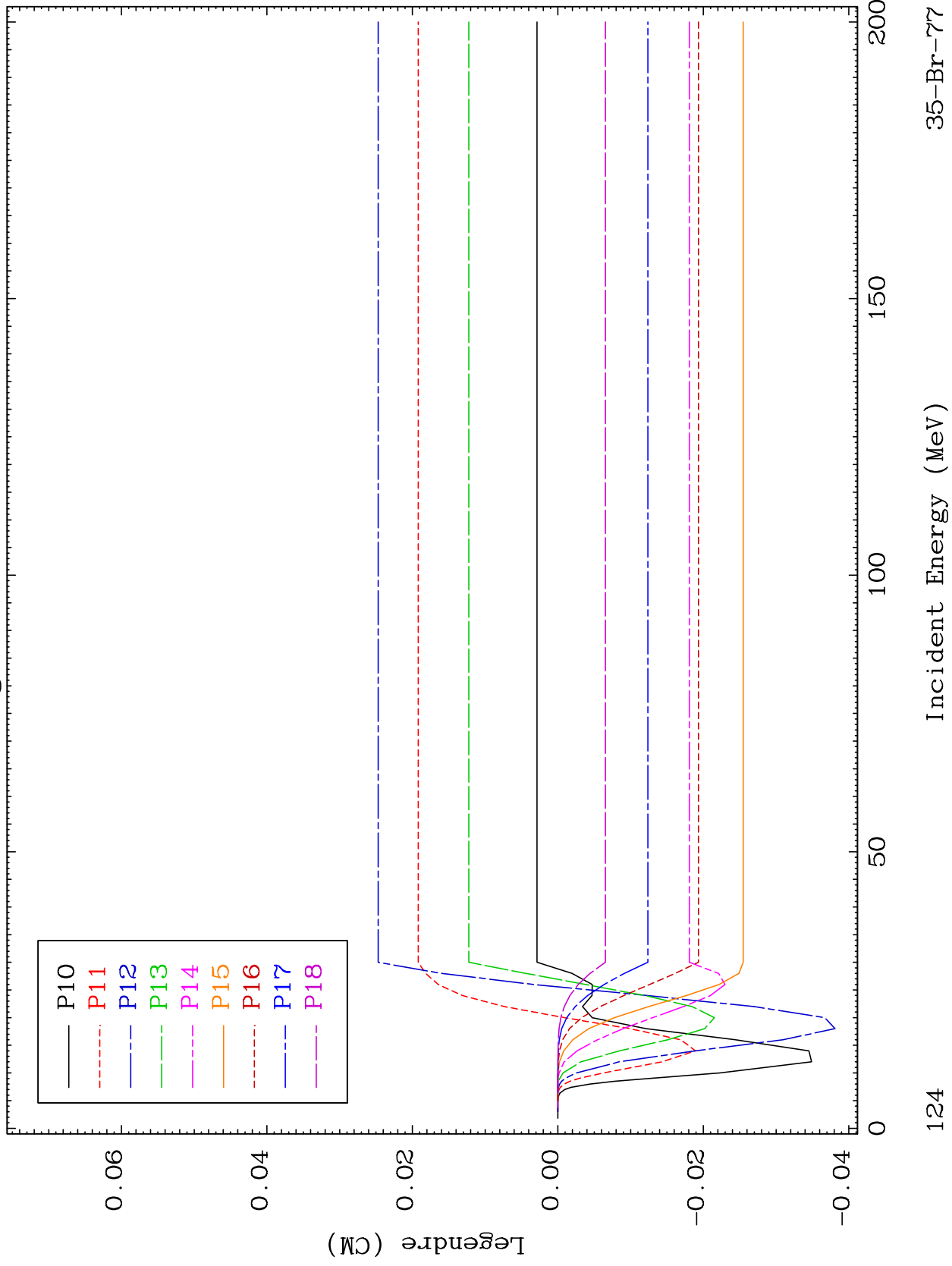




MAT 3519

1.123 MeV (n,n') Level
Legendre Coefficients

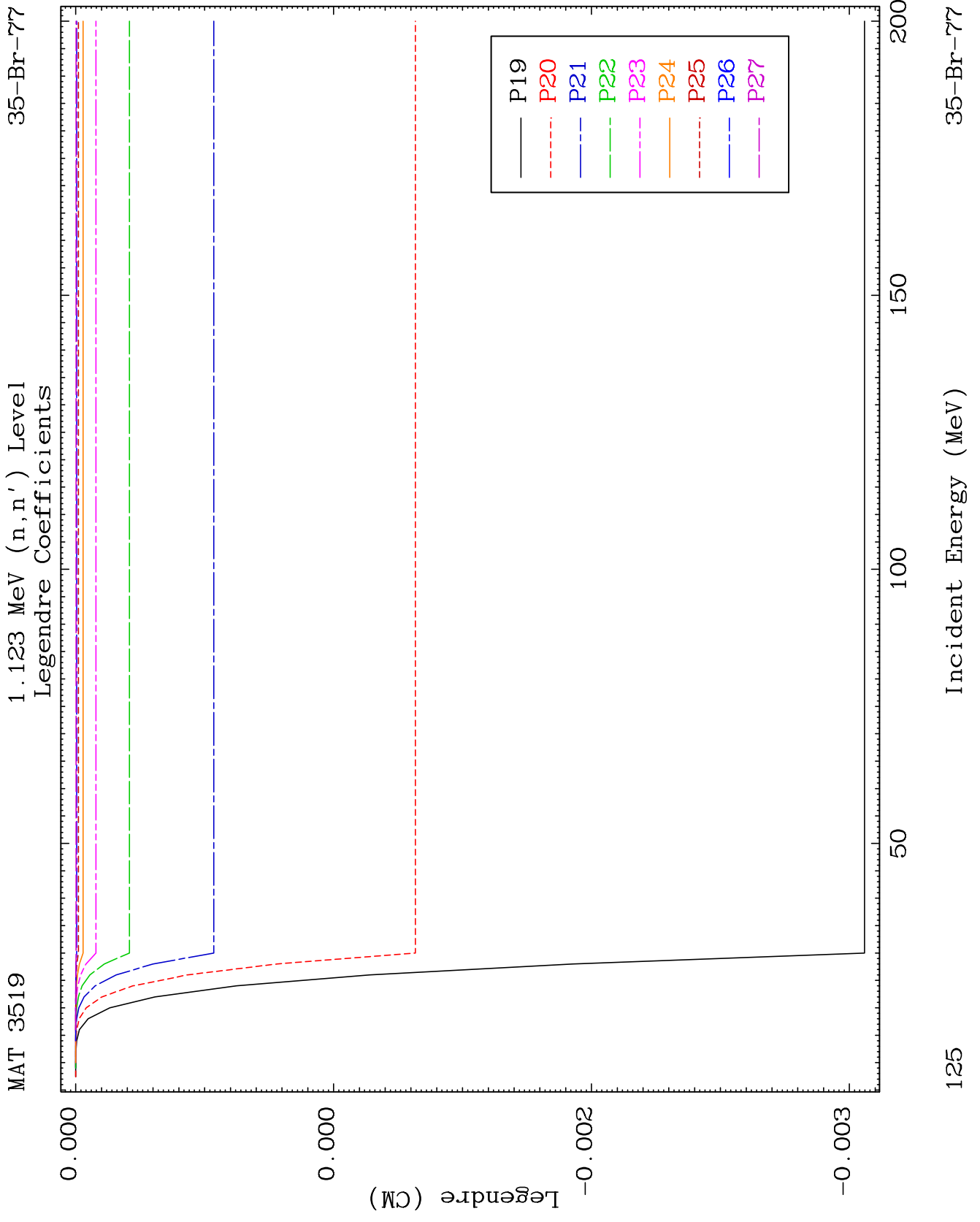
35-Br-77

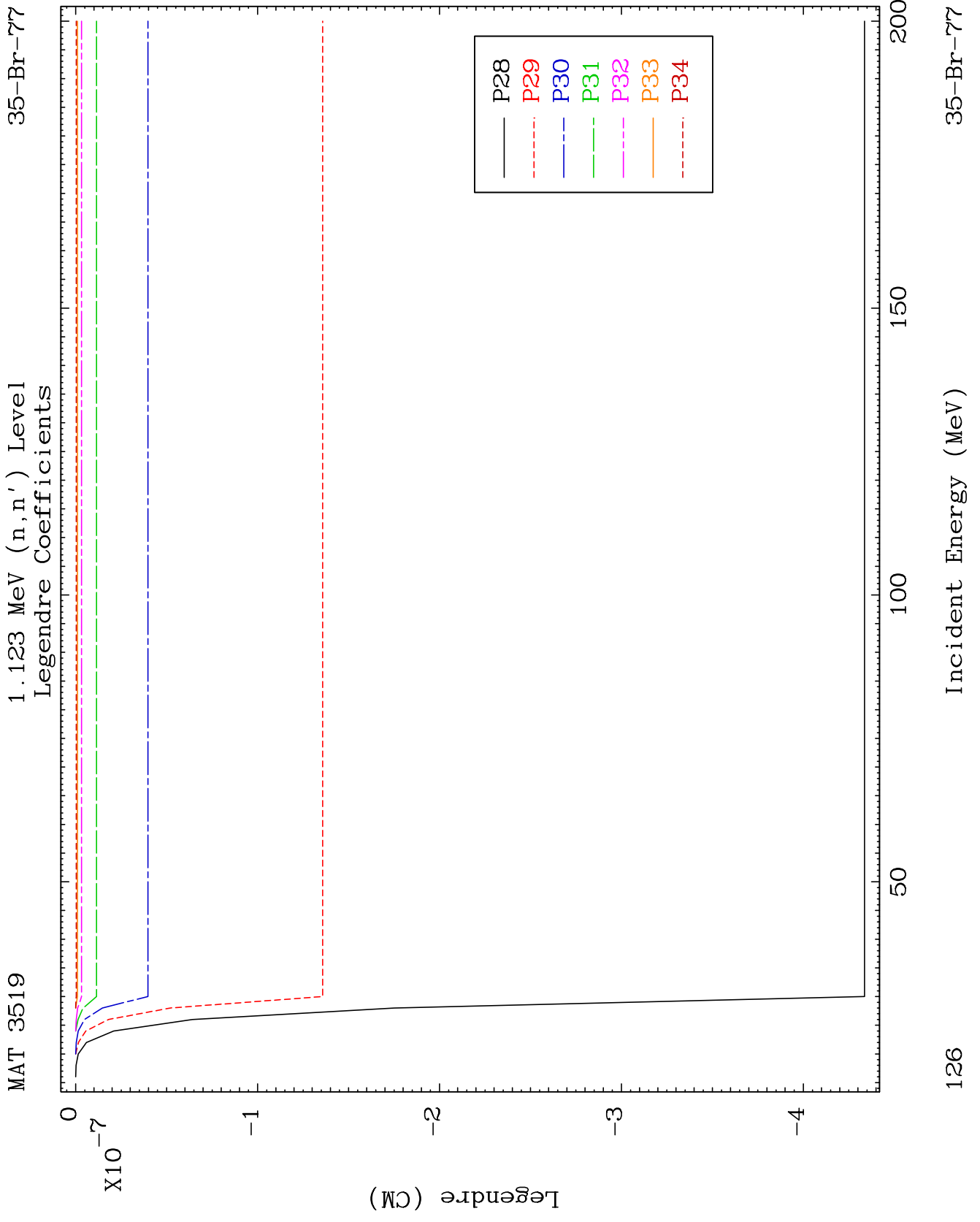


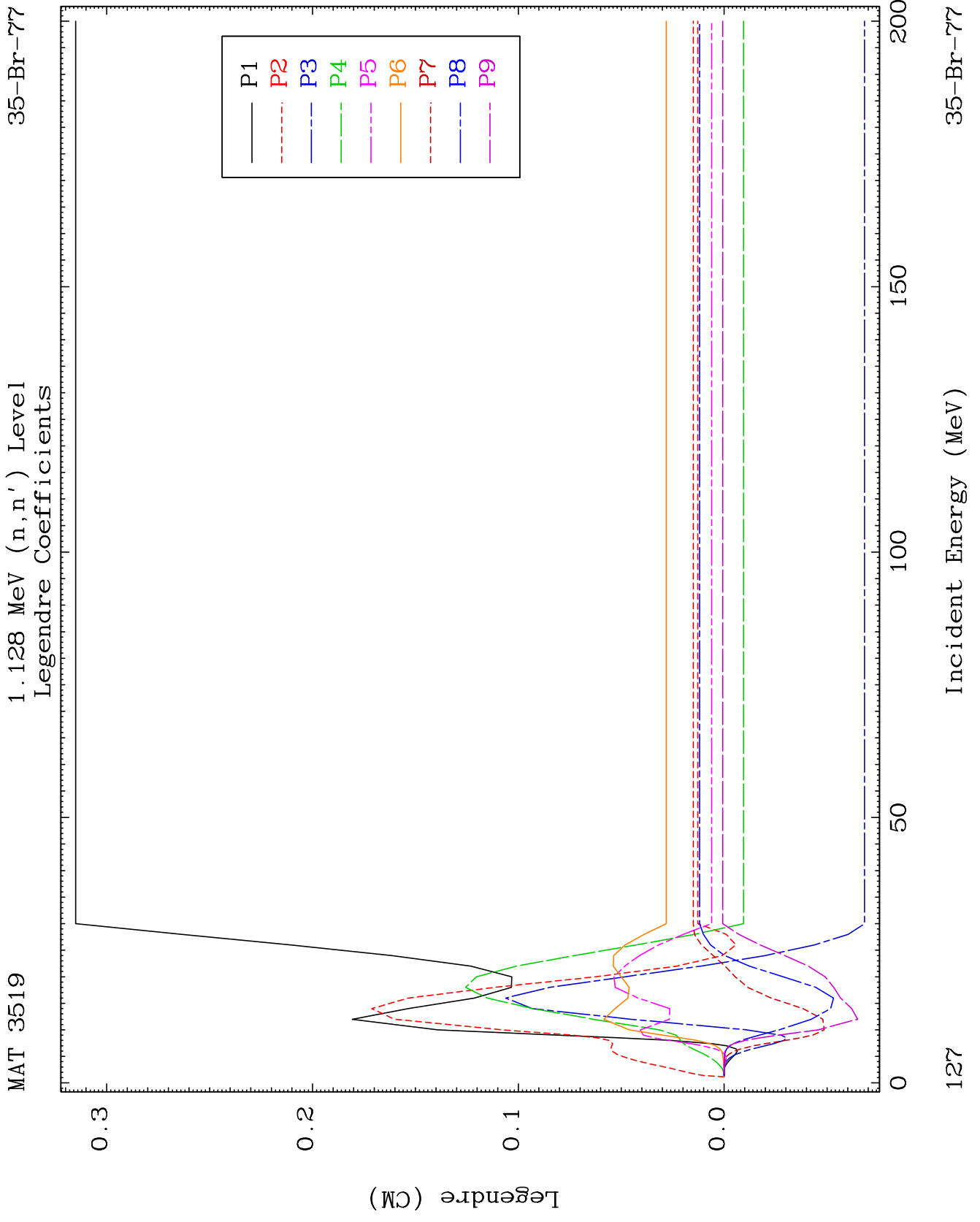
35-Br-77

Incident Energy (MeV)

124



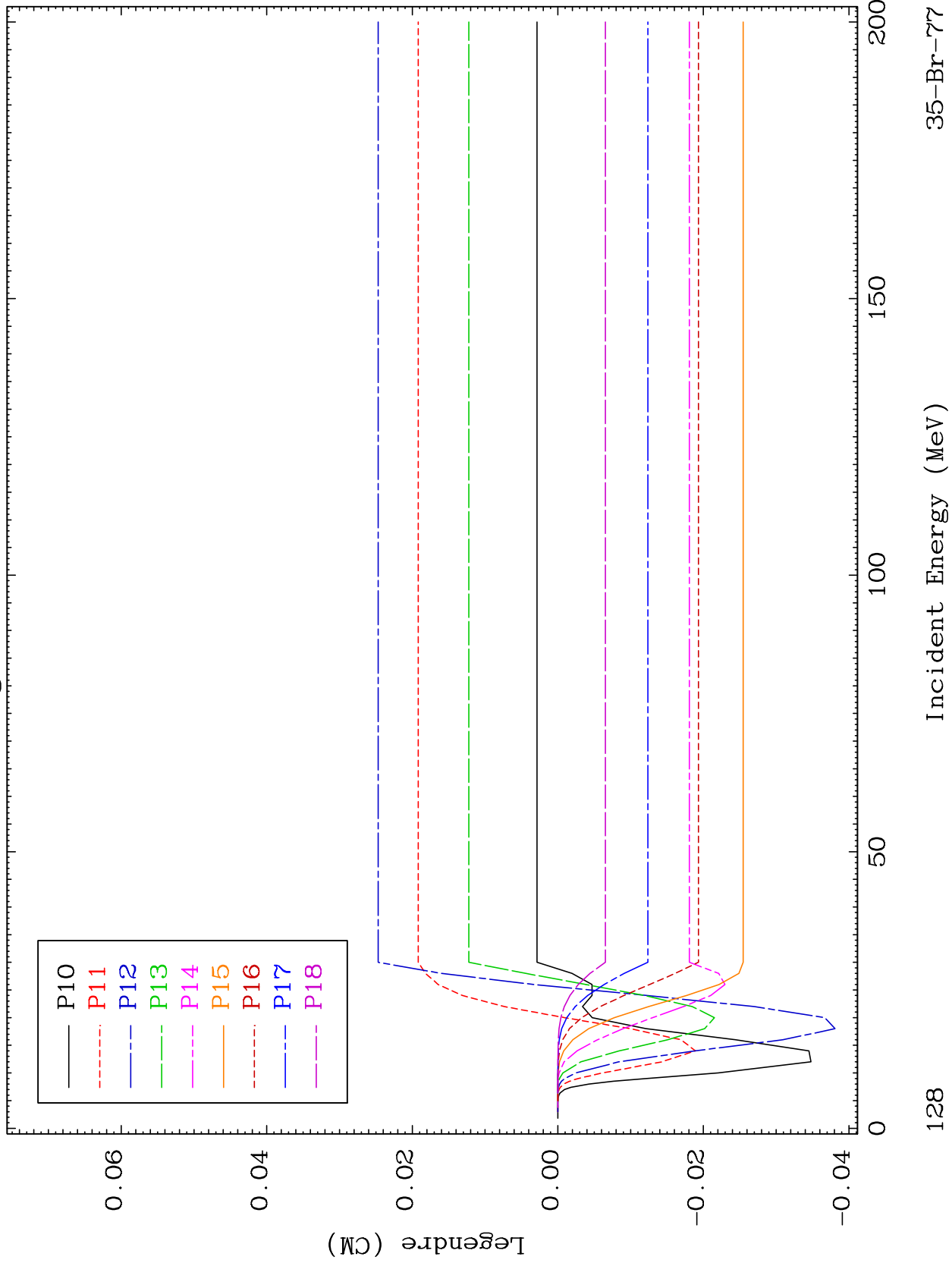




MAT 3519

1.128 MeV (n,n') Level
Legendre Coefficients

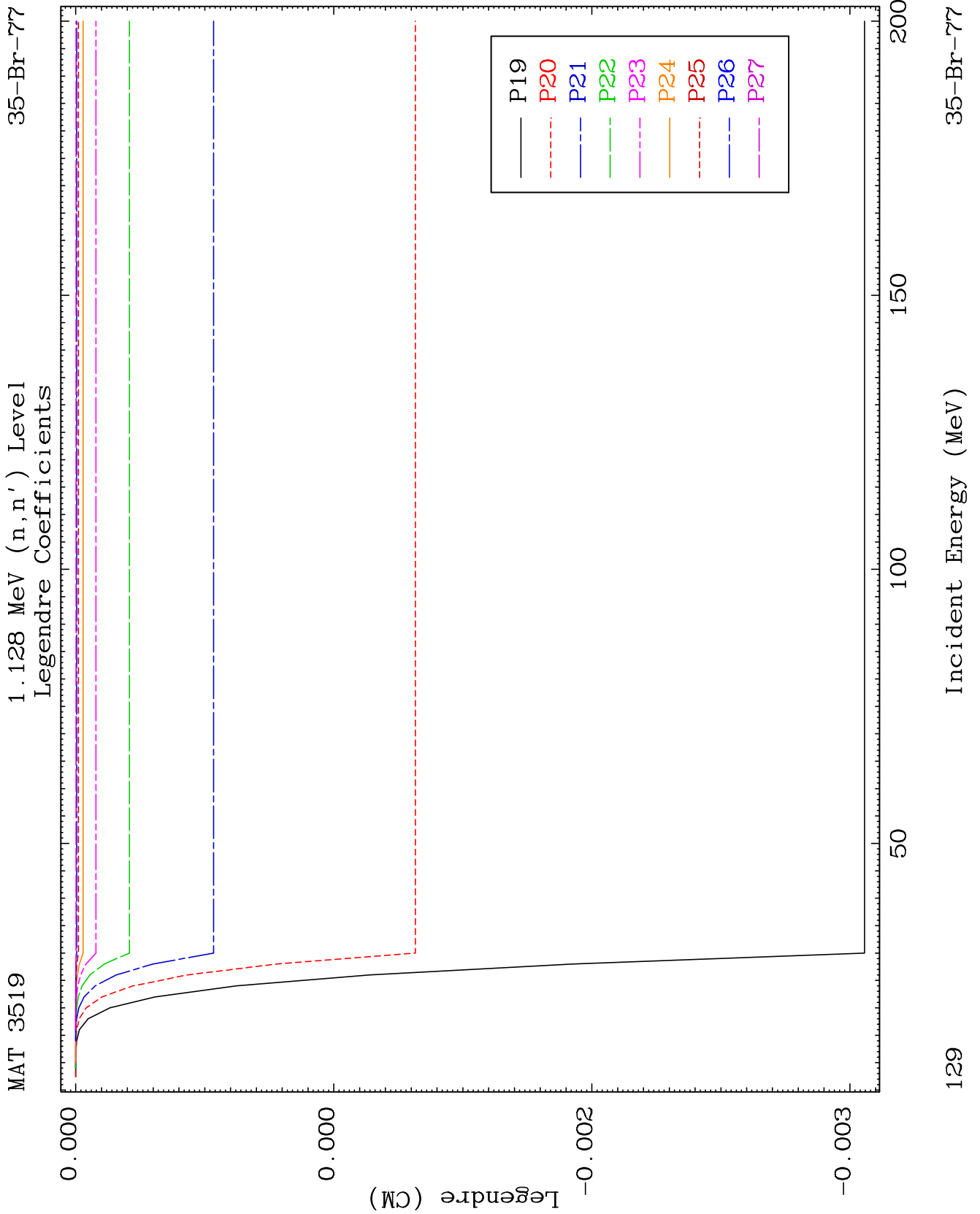
35-Br-77

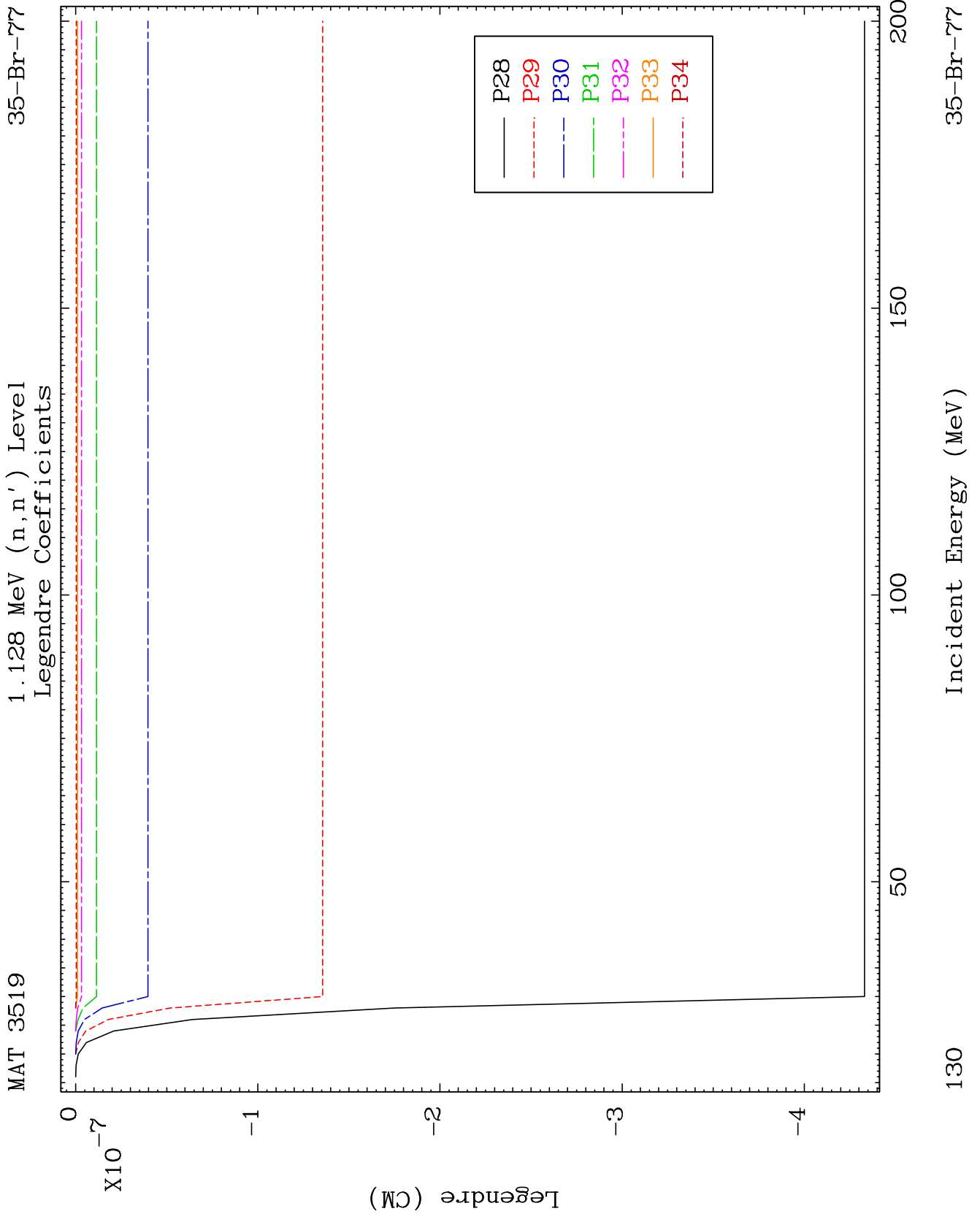


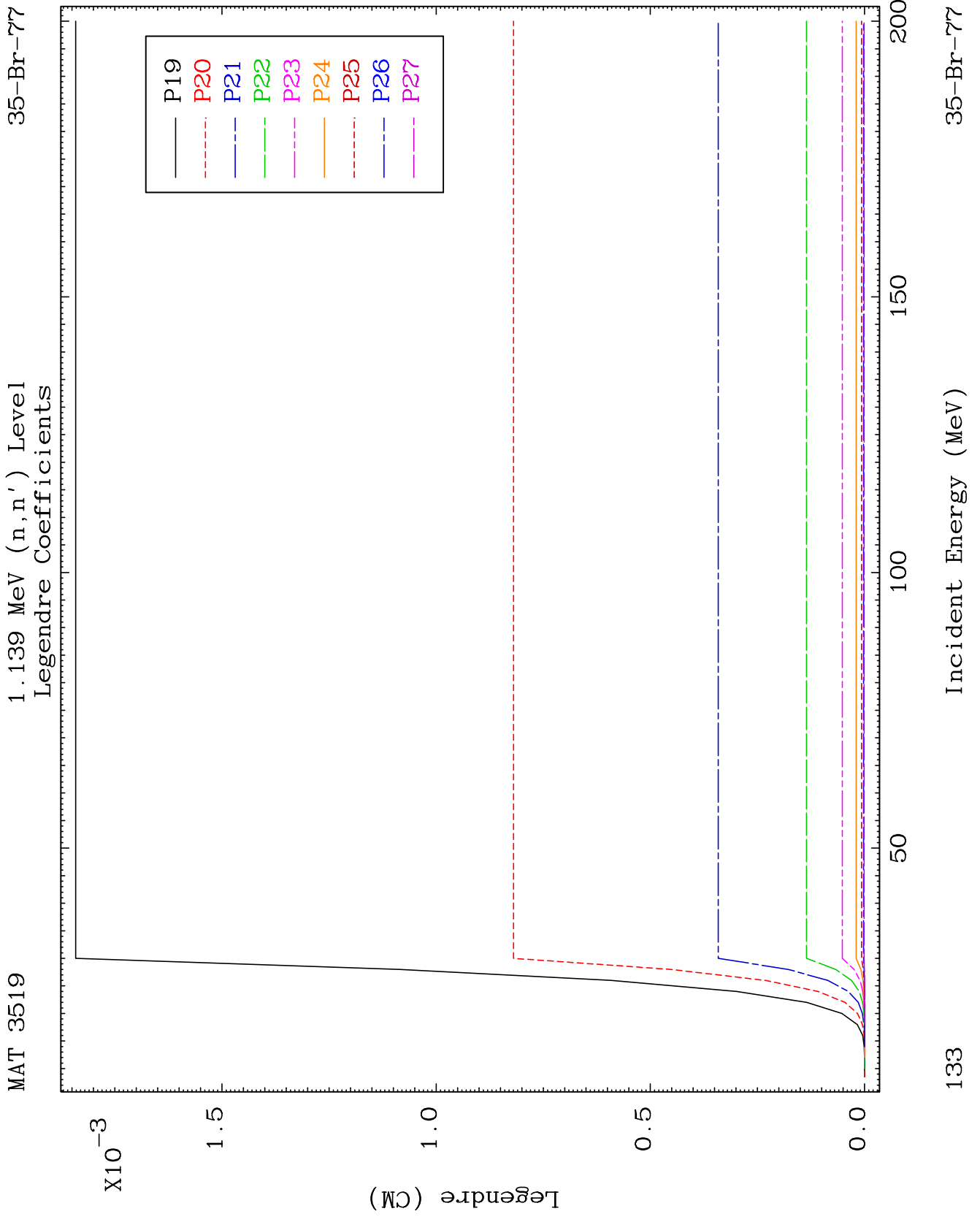
35-Br-77

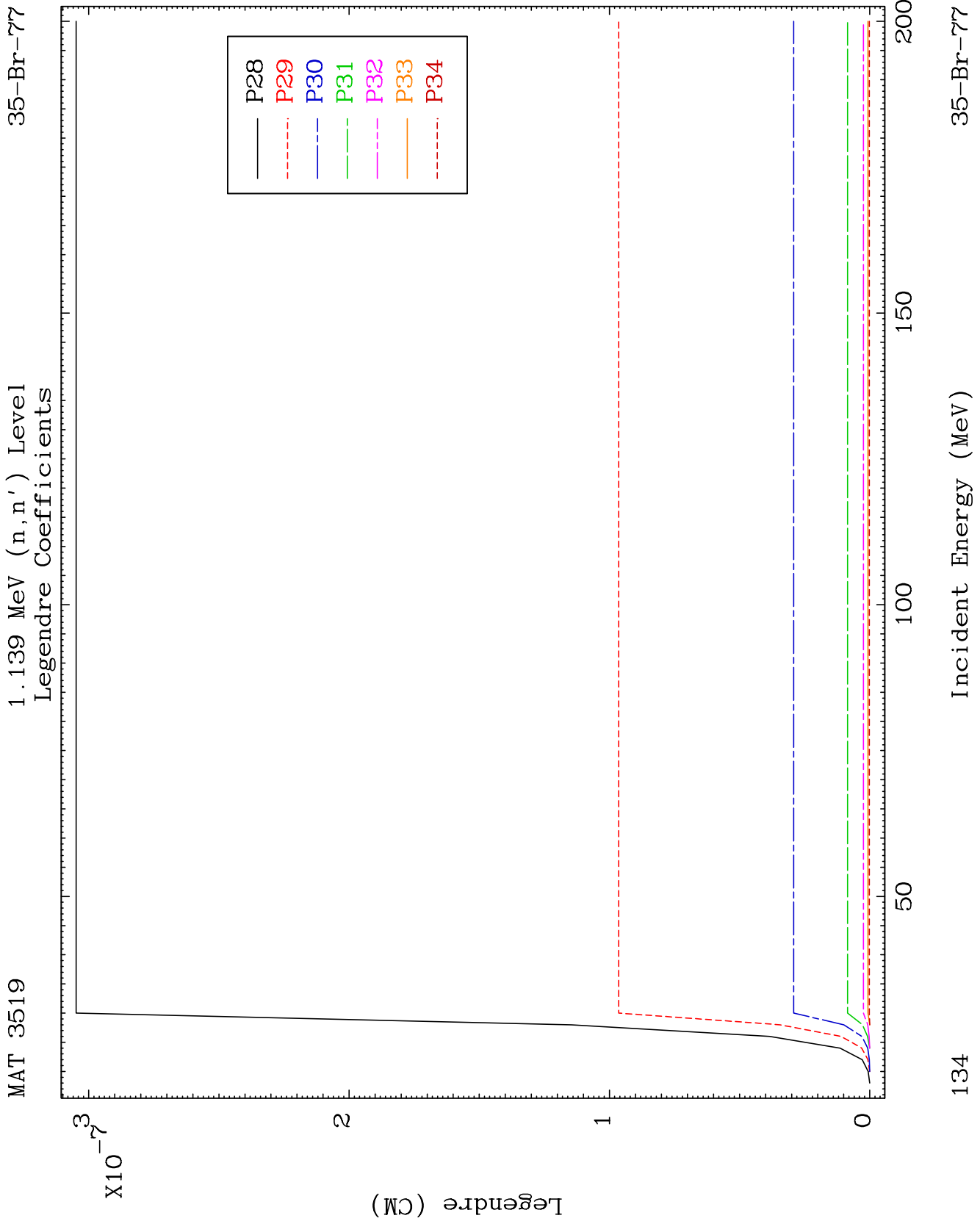
Incident Energy (MeV)

128





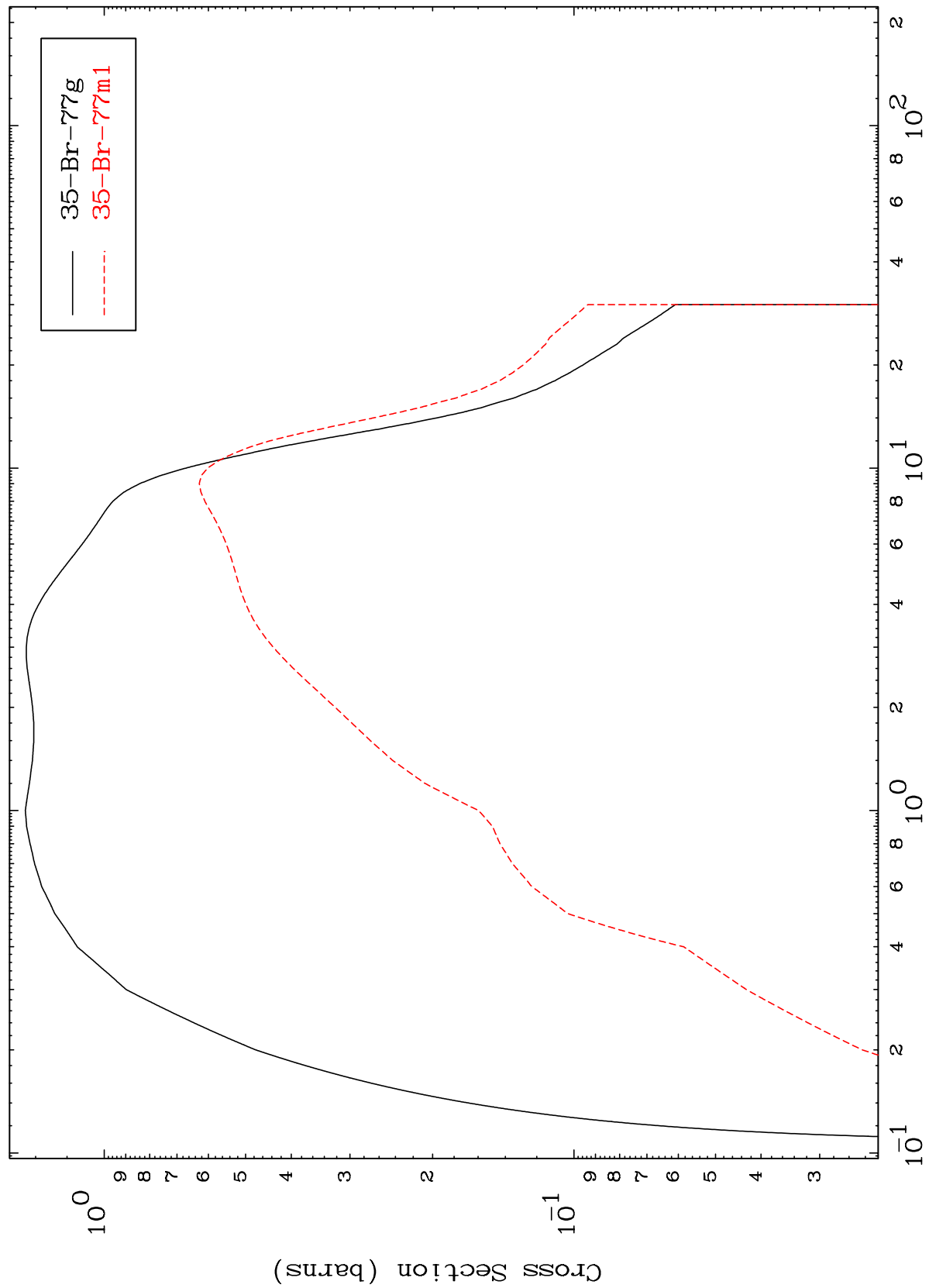




MAT 3519

35-Br-77

Inelastic Radionuclide Production Cross Section



Incident Energy (MeV)

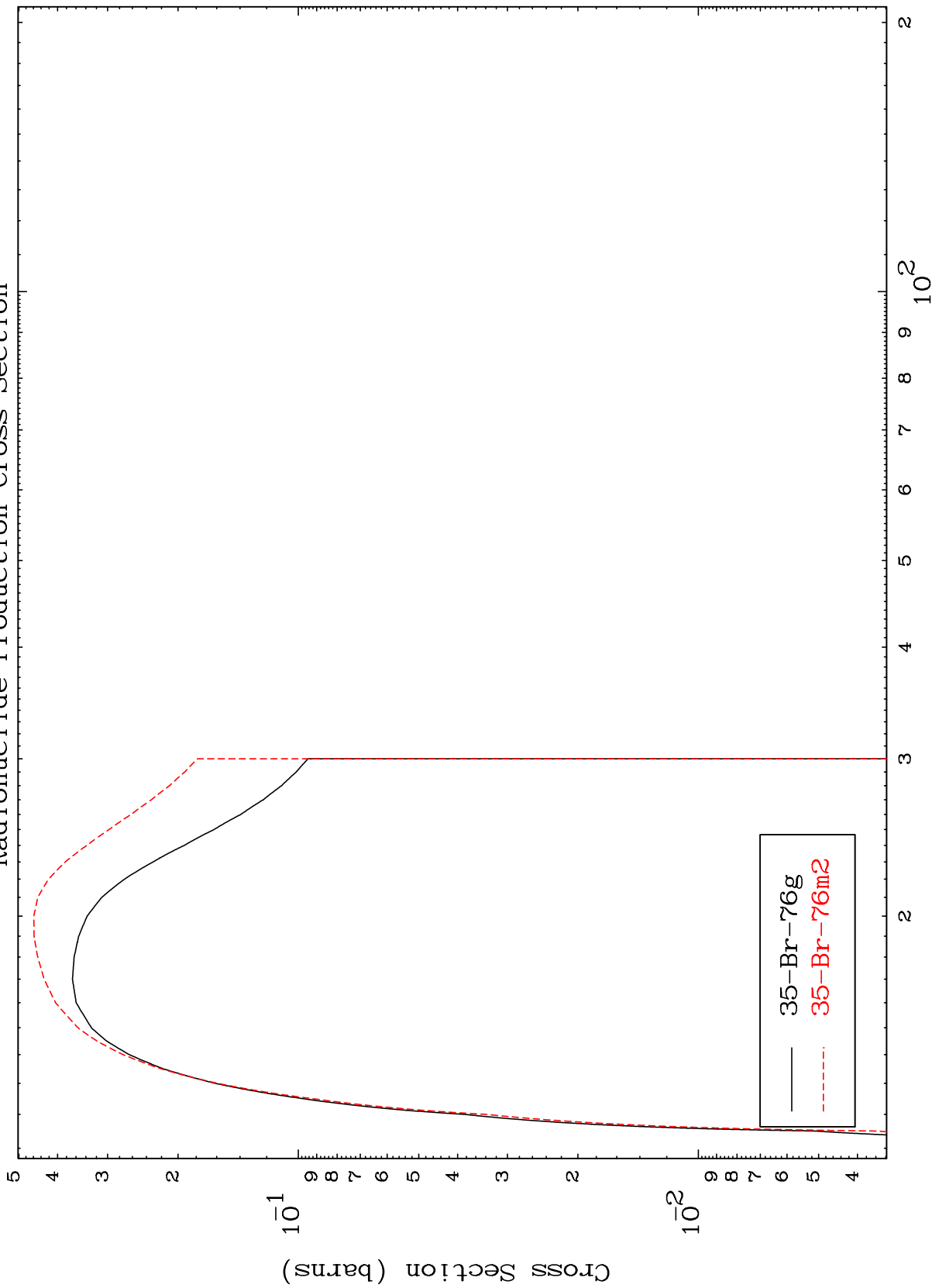
35-Br-77

135

MAT 3519

³⁵Br-77

Radionuclide Production Cross Section



136

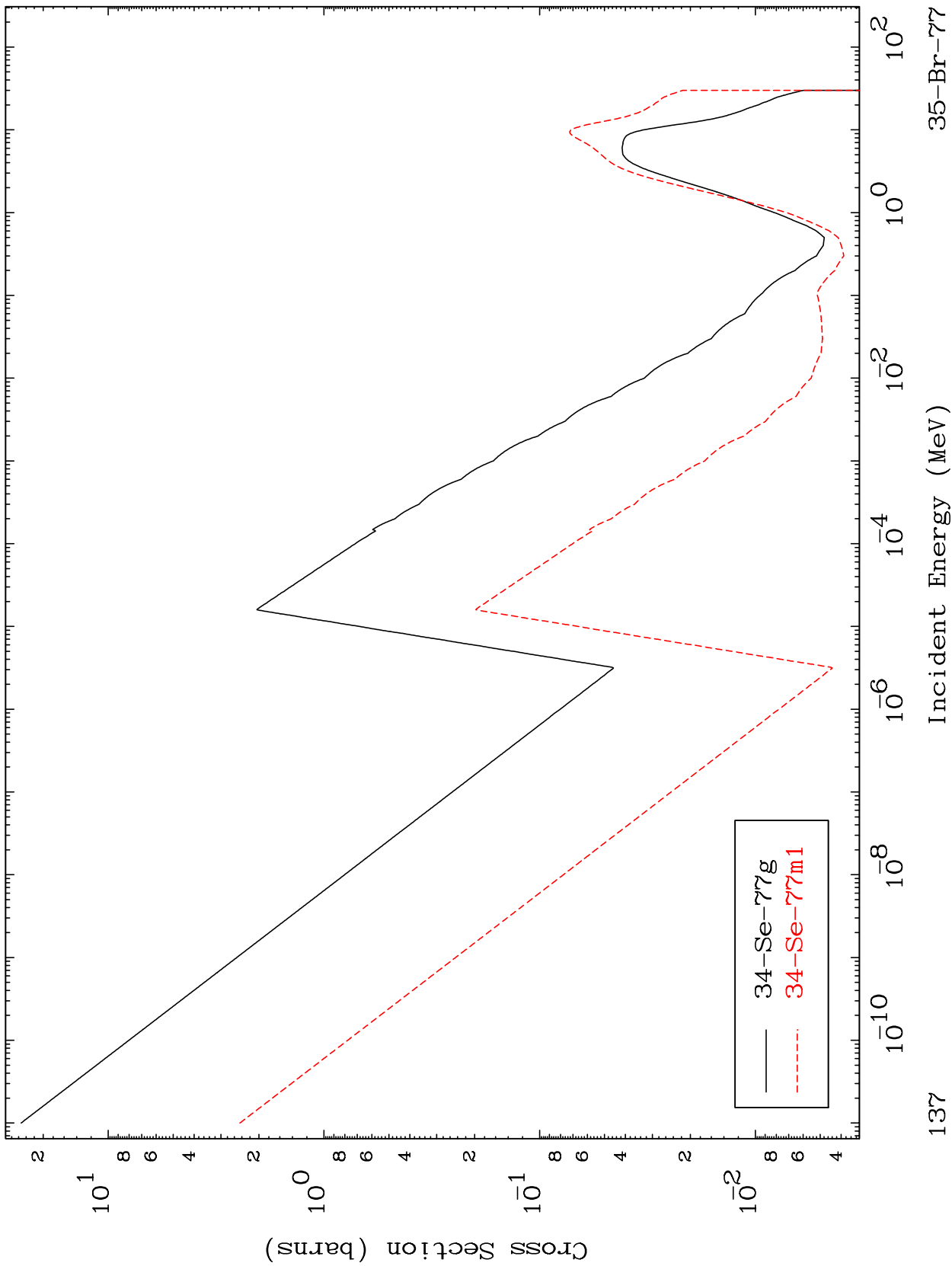
Incident Energy (MeV)

³⁵Br-77

MAT 3519

35-Br-77

(n,p)
Radionuclide Production Cross Section

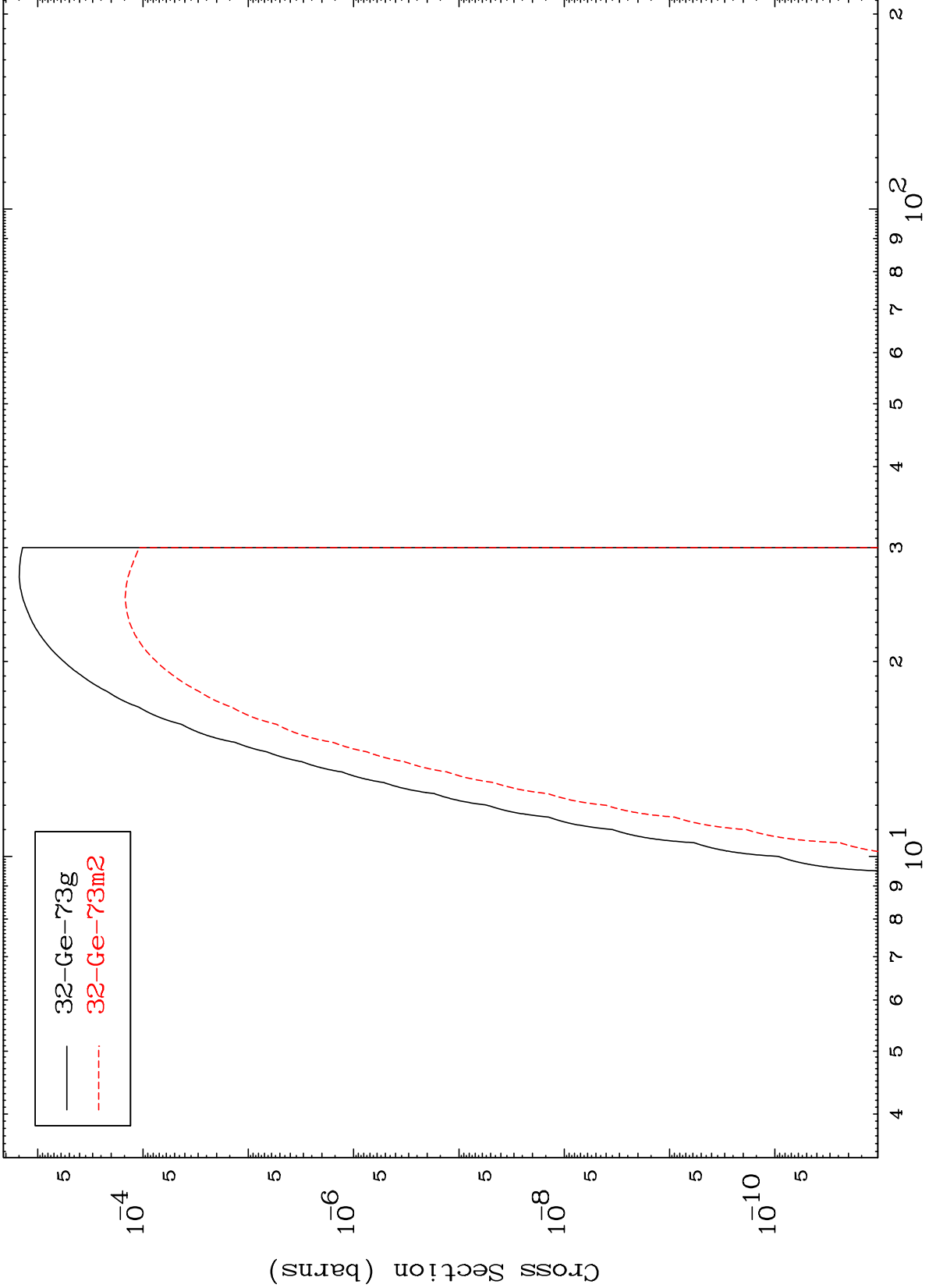


MAT 3519

(n,p) α

³⁵Br-77

Radionuclide Production Cross Section



— 32-Ge-73g
- - - 32-Ge-73m2

138

Incident Energy (MeV)

³⁵Br-77