

Program EVALPLOT
(Version 2015-2)

by

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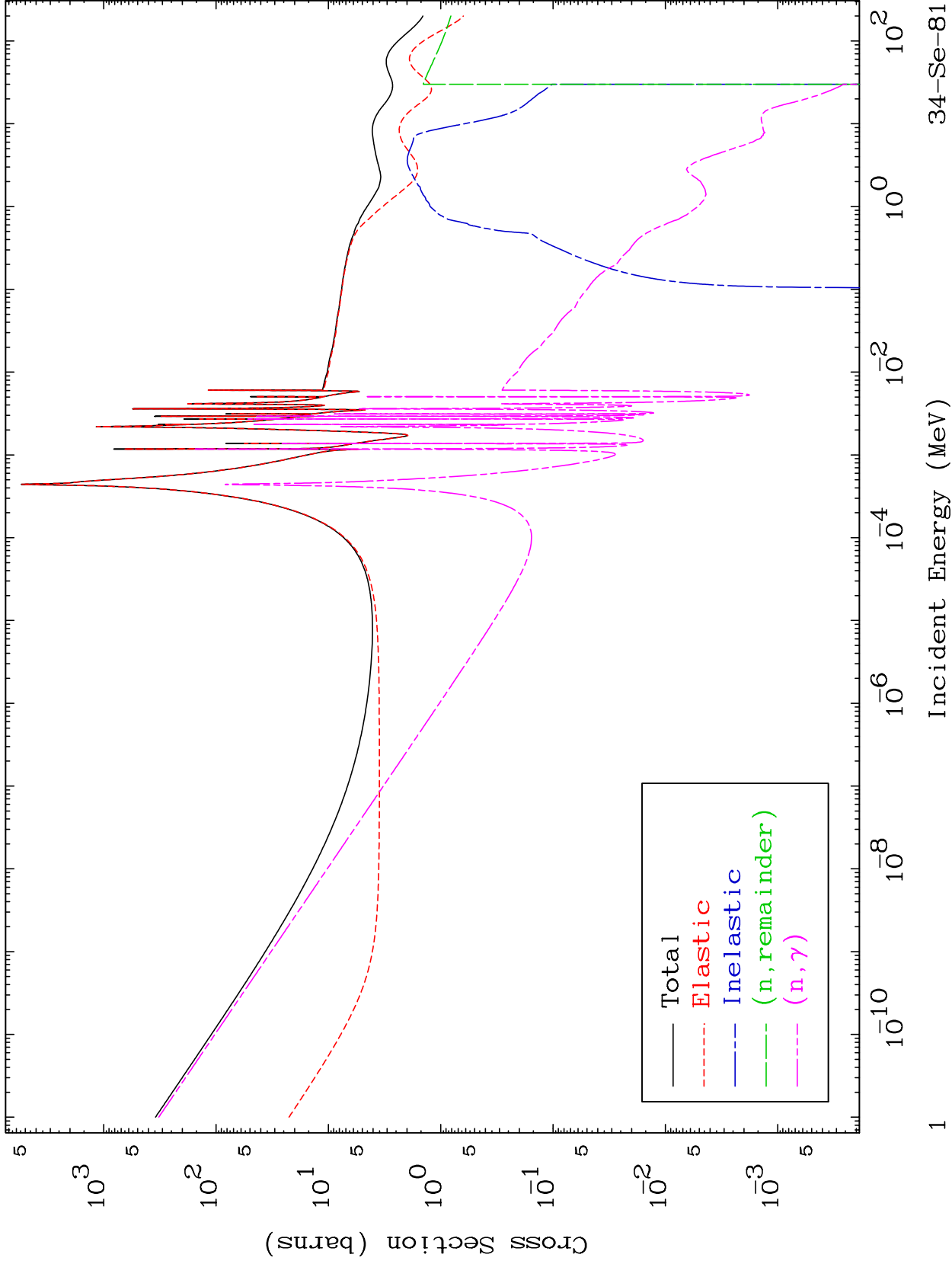
Press Mouse Button to Start

MAT 3446

Major

293 Kelvin Cross Sections

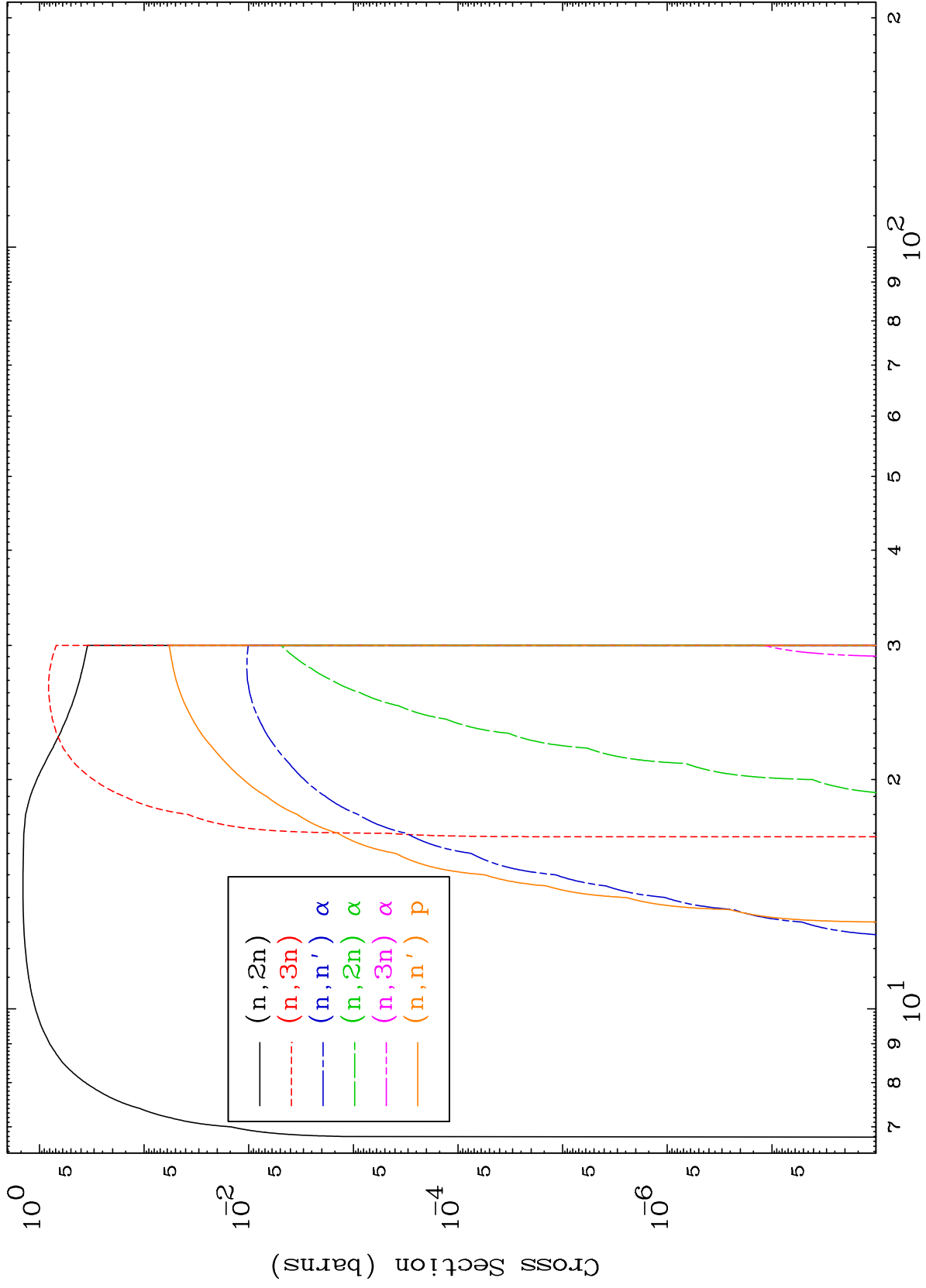
34-Se-81



MAT 3446

Neutron Production
293 Kelvin Cross Sections

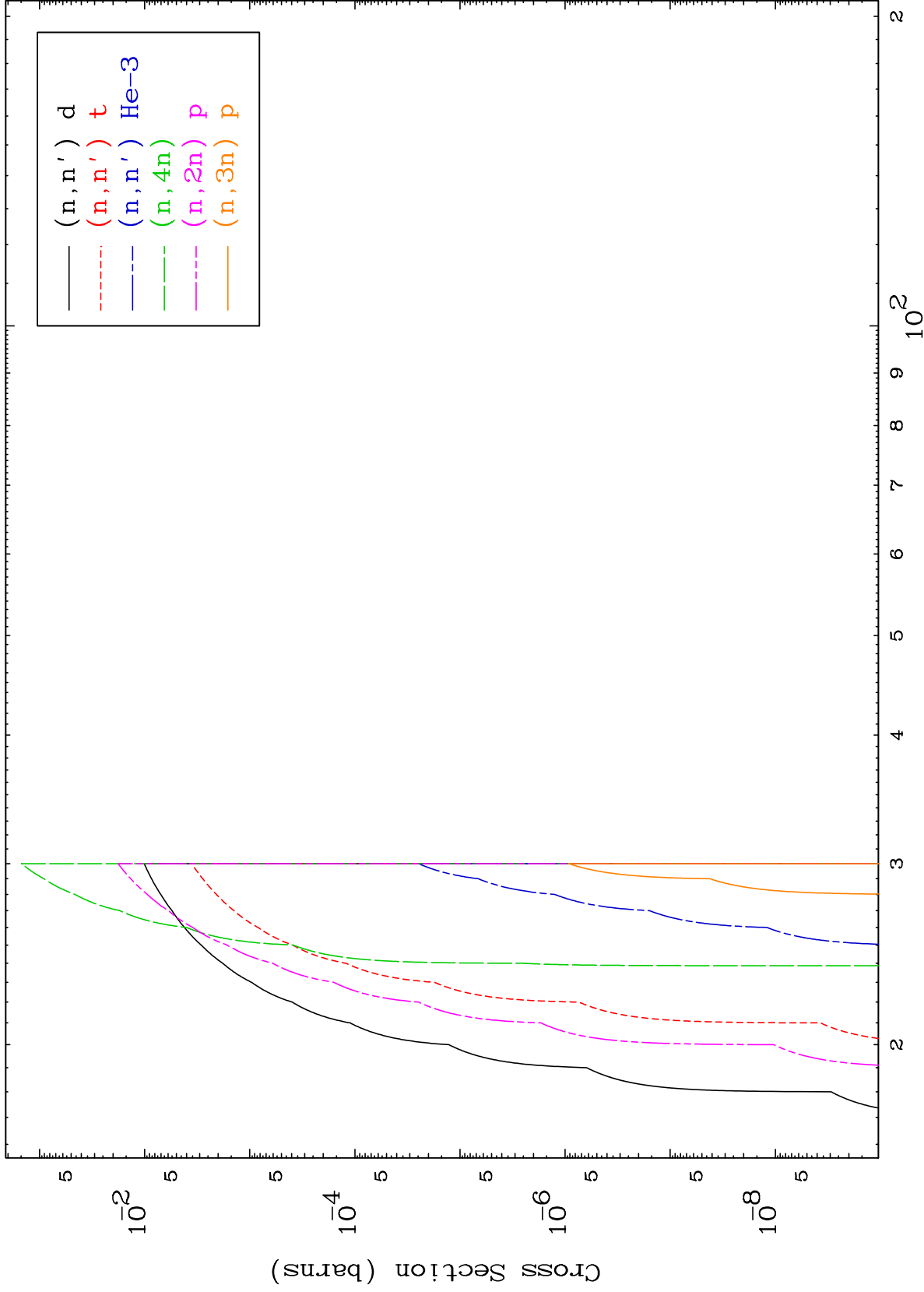
³⁴Se-81

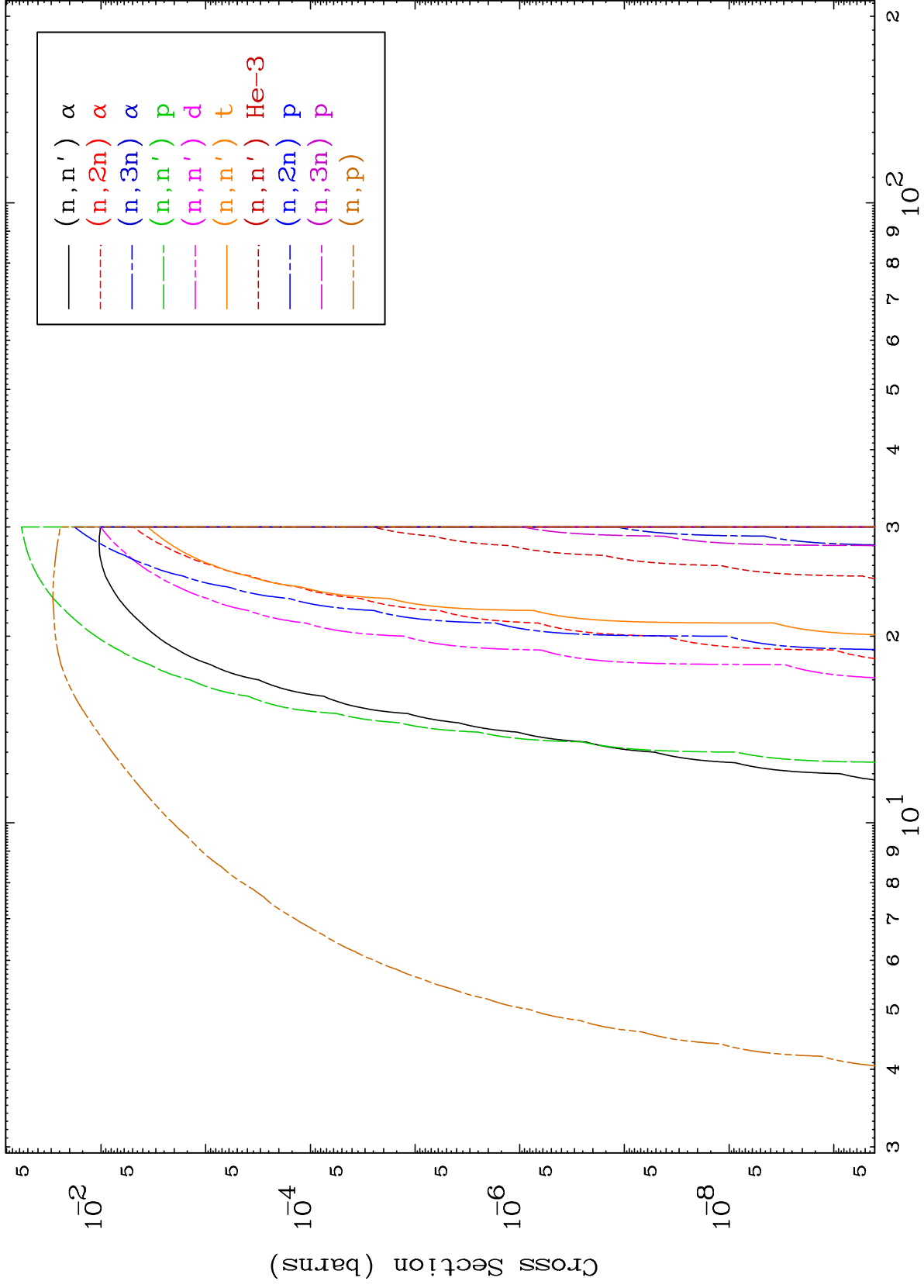


2

Incident Energy (MeV)

³⁴Se-81

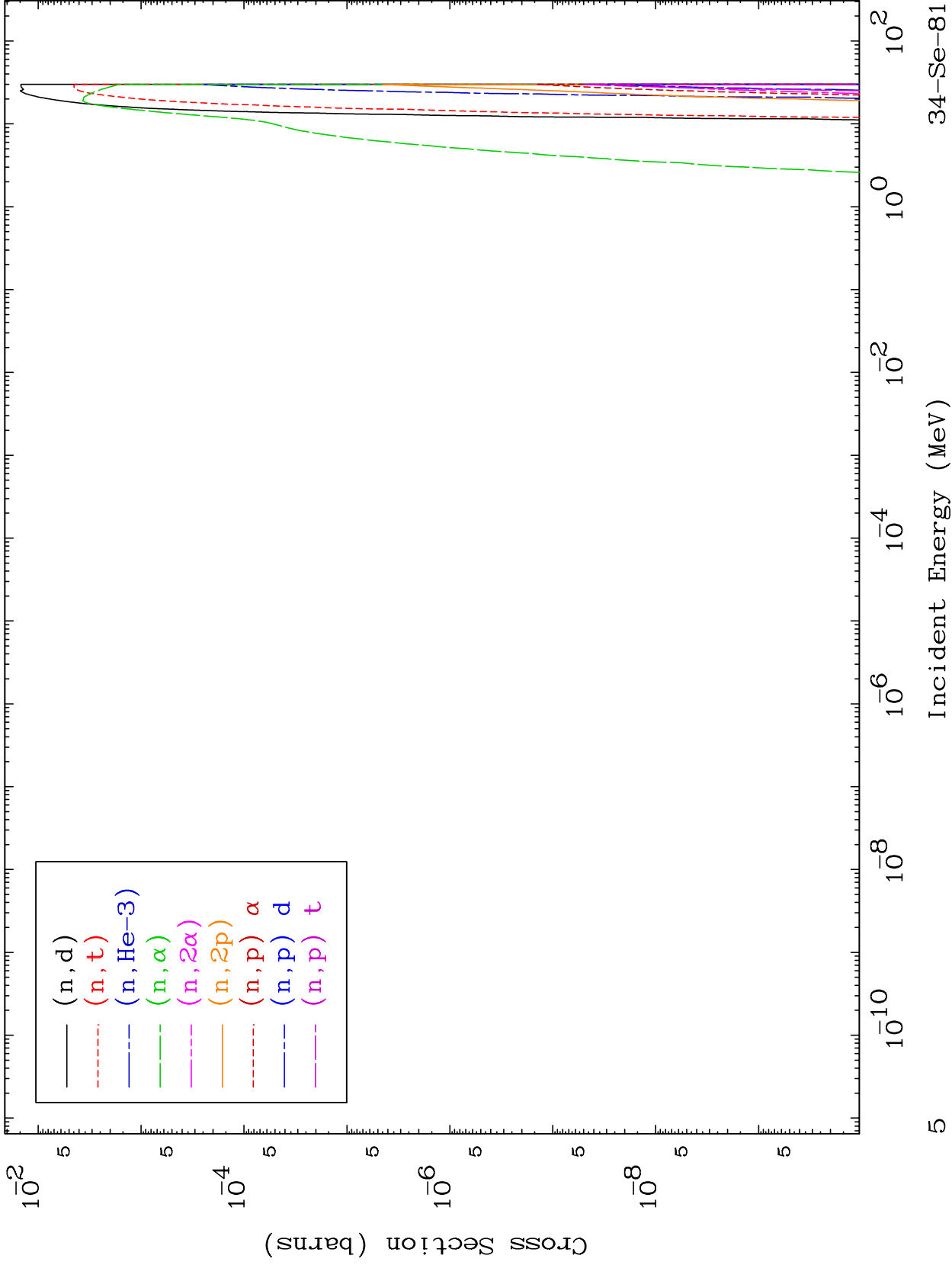




MAT 3446

Charged Particle
293 Kelvin Cross Sections

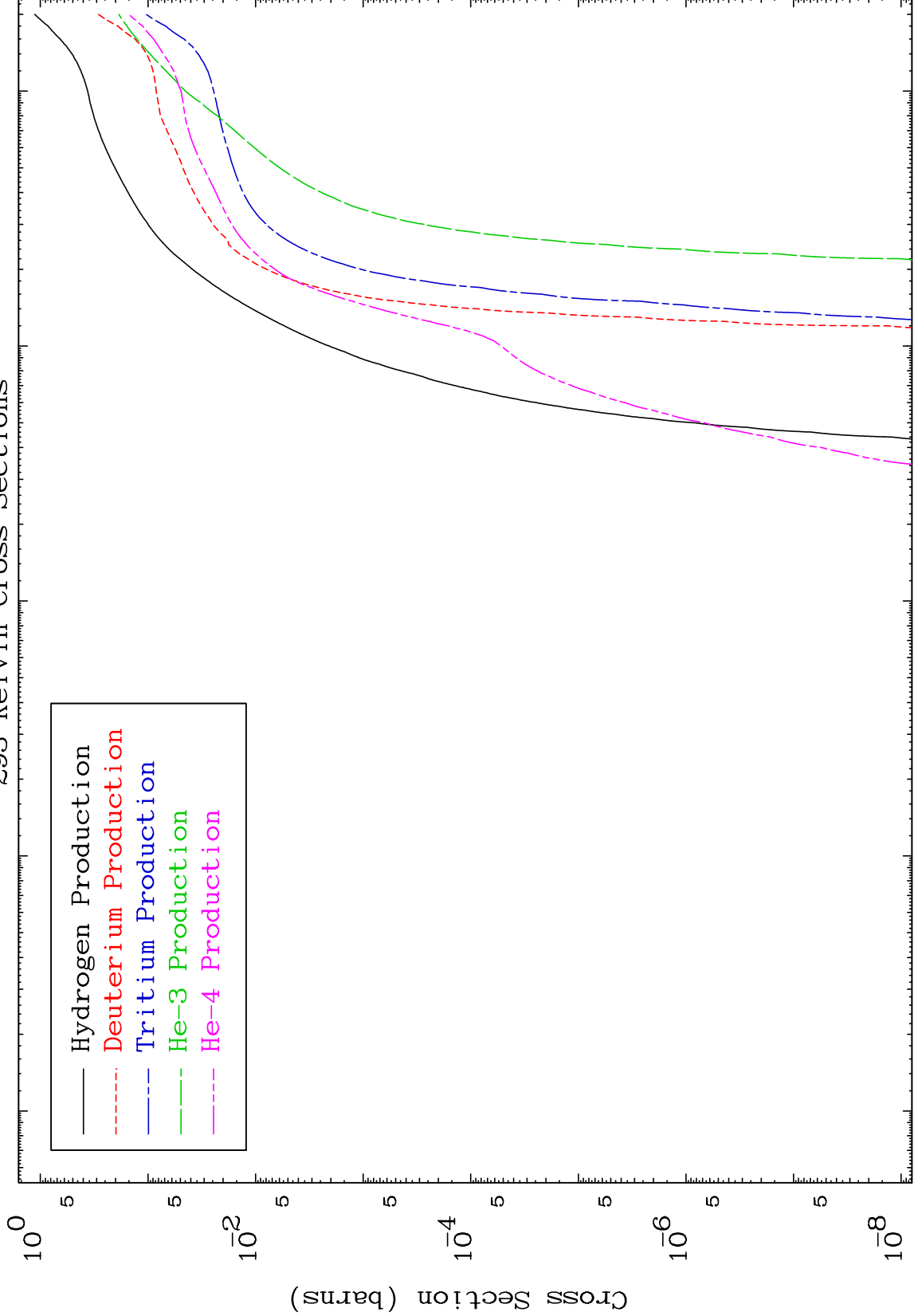
34-Se-81



MAT 3446

Particle Production
293 Kelvin Cross Sections

³⁴Se-81



6

Incident Energy (MeV)

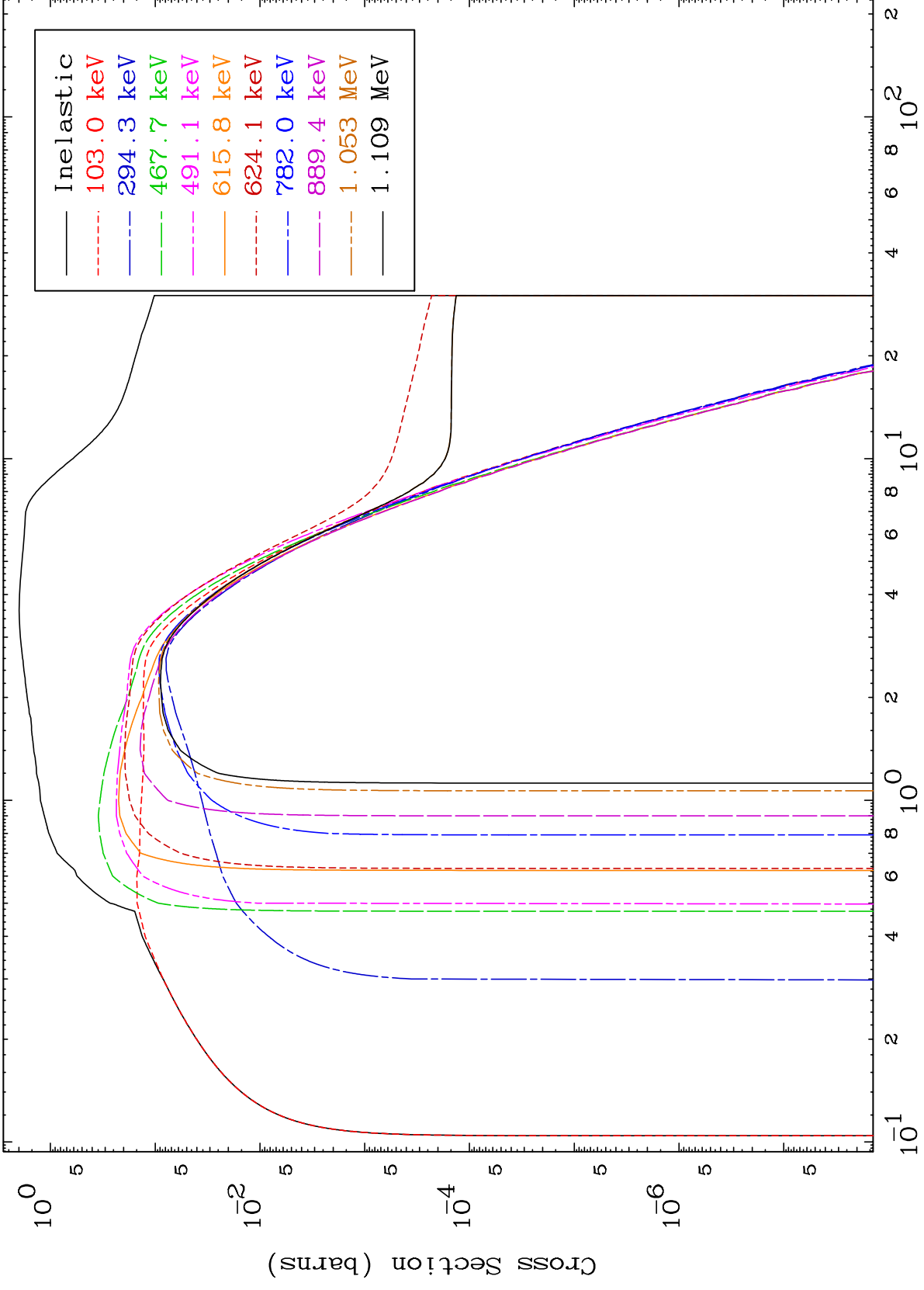
³⁴Se-81

MAT 3446

(n,n') Level

34-Se-81

293 Kelvin Cross Sections



Incident Energy (MeV)

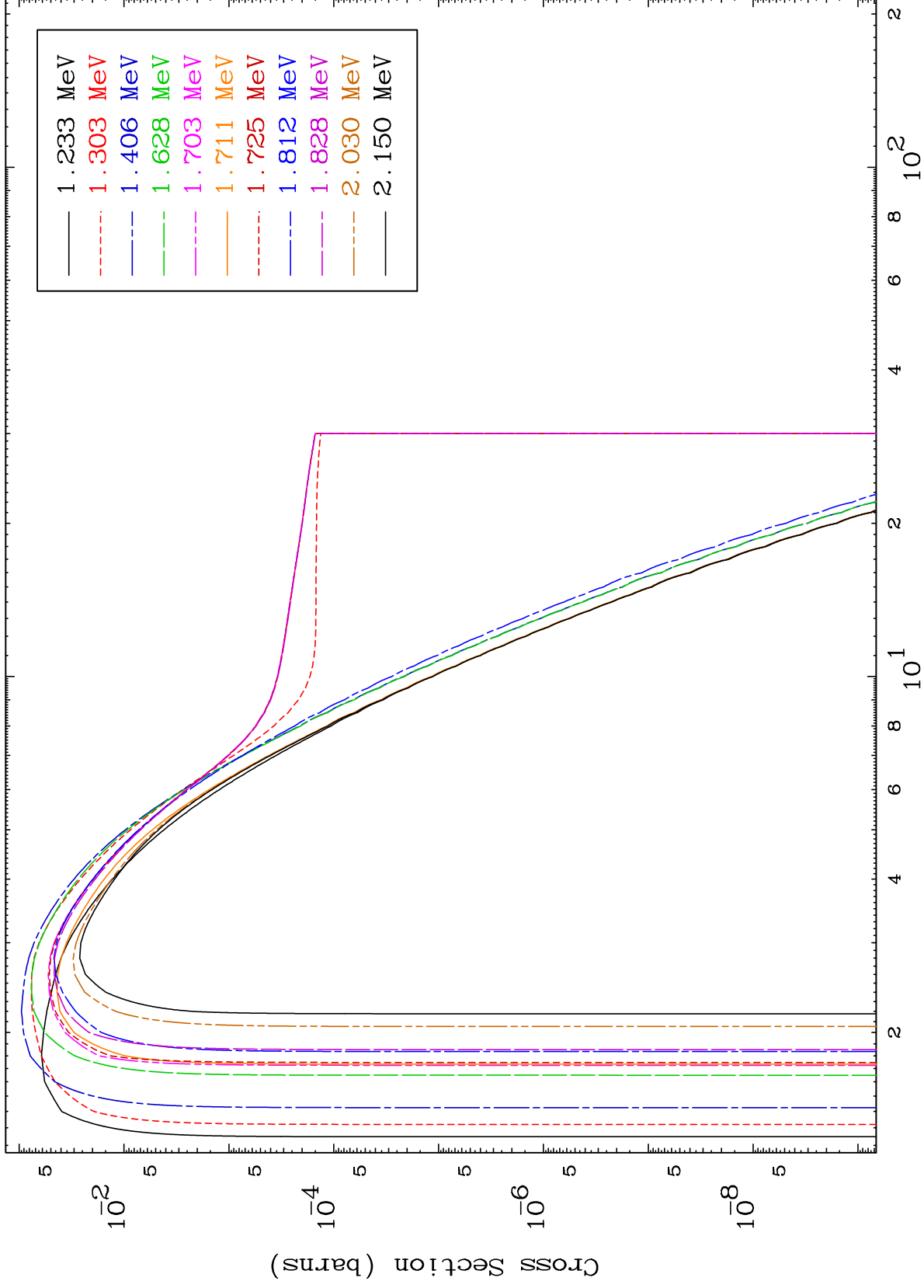
34-Se-81

7

MAT 3446

(n,n') Level
293 Kelvin Cross Sections

34-Se-81

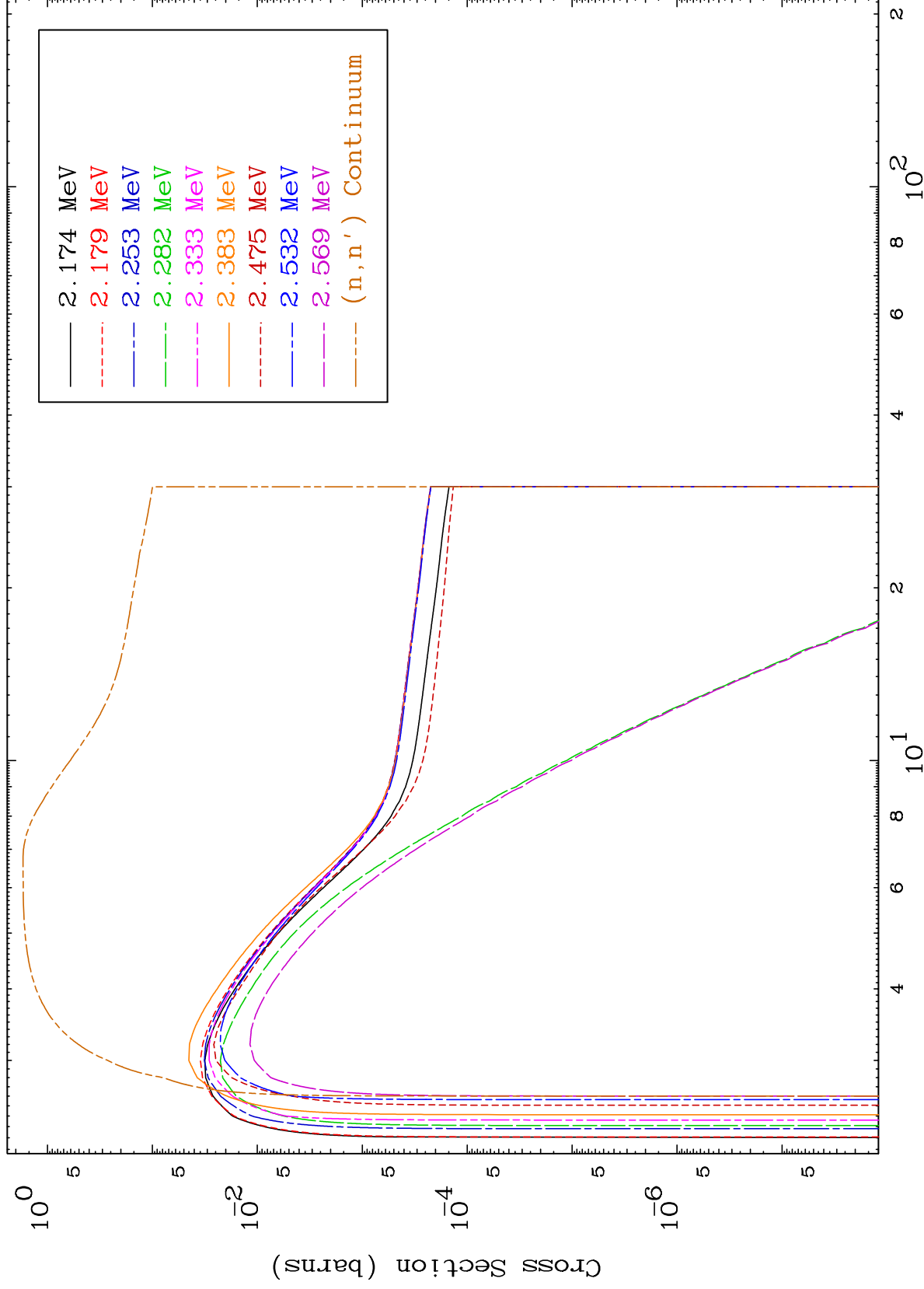


8

Incident Energy (MeV)

34-Se-81

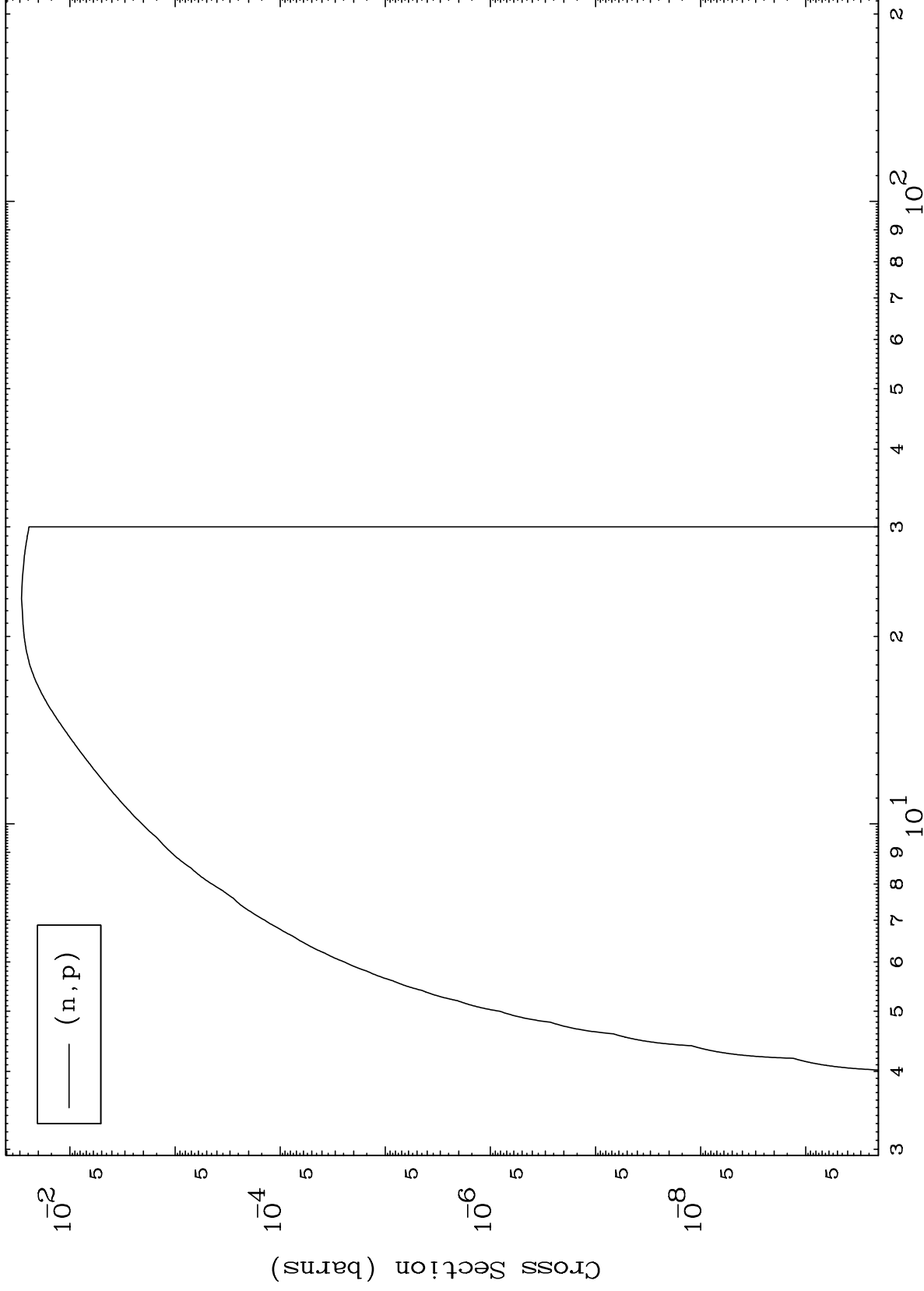
293 Kelvin Cross Sections



MAT 3446

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-81



10

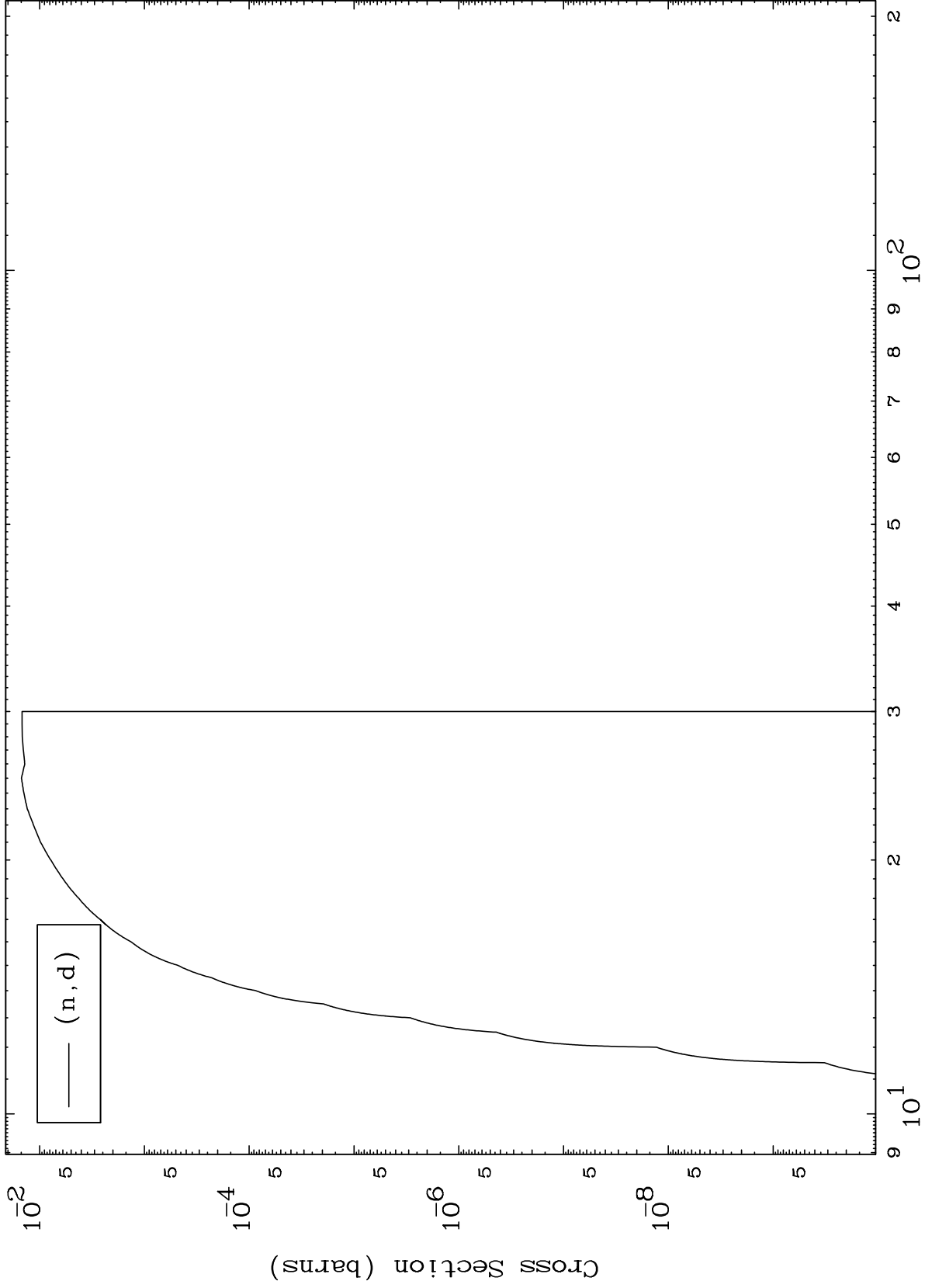
Incident Energy (MeV)

³⁴Se-81

MAT 3446

³⁴Se-81

(n,d) Levels
293 Kelvin Cross Sections



11

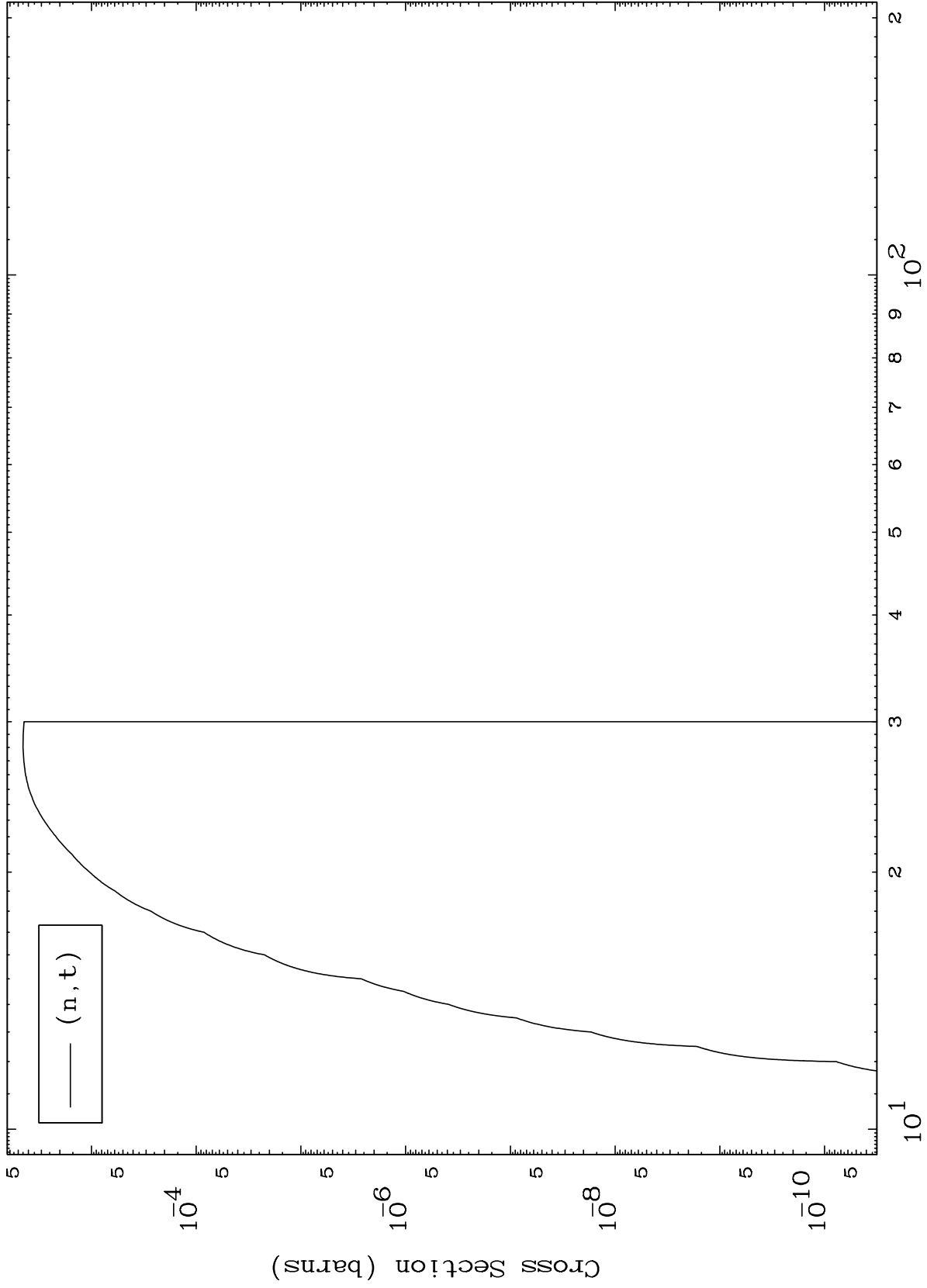
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-81



12

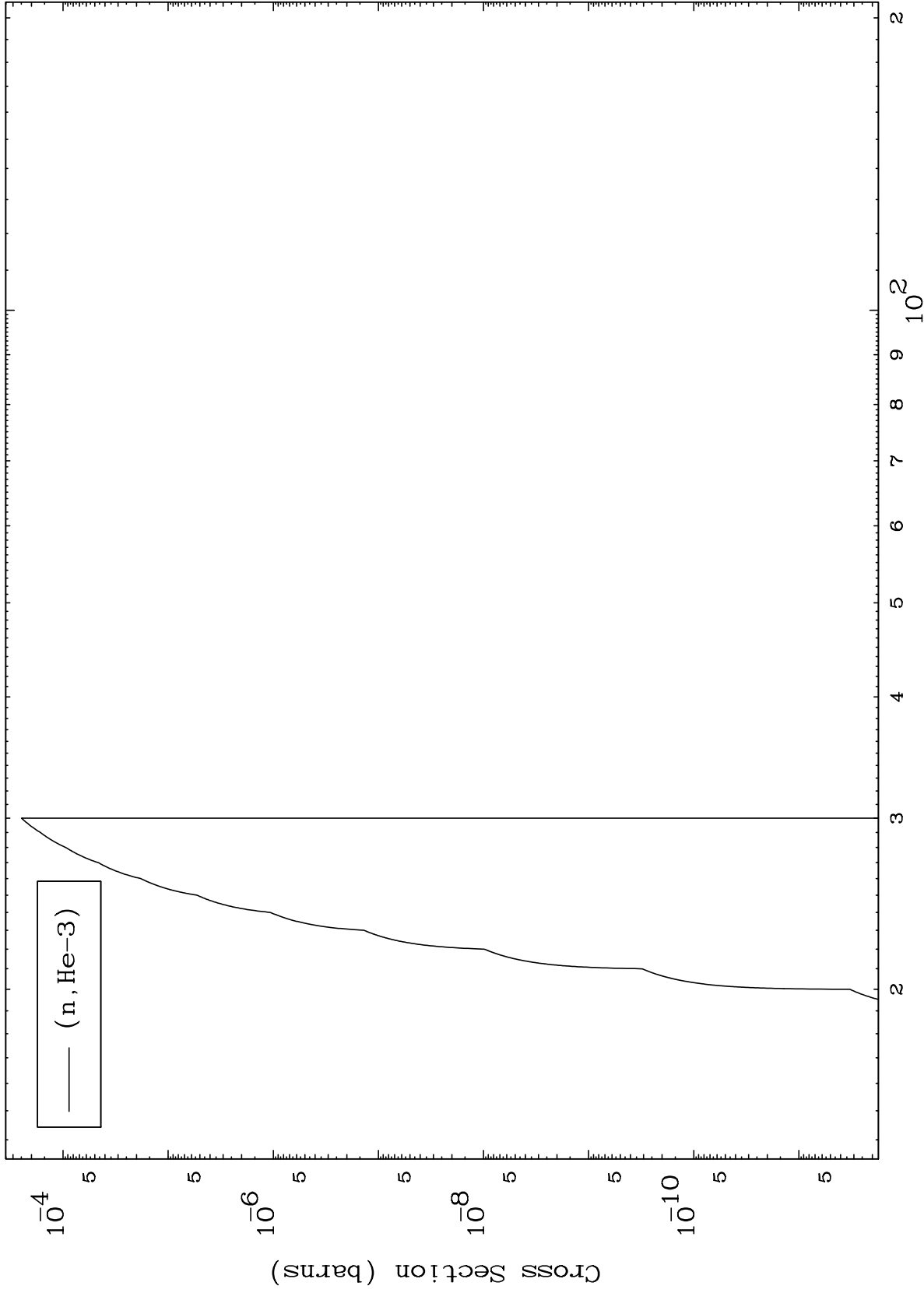
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n,He3) Levels
293 Kelvin Cross Sections

³⁴Se-81



13

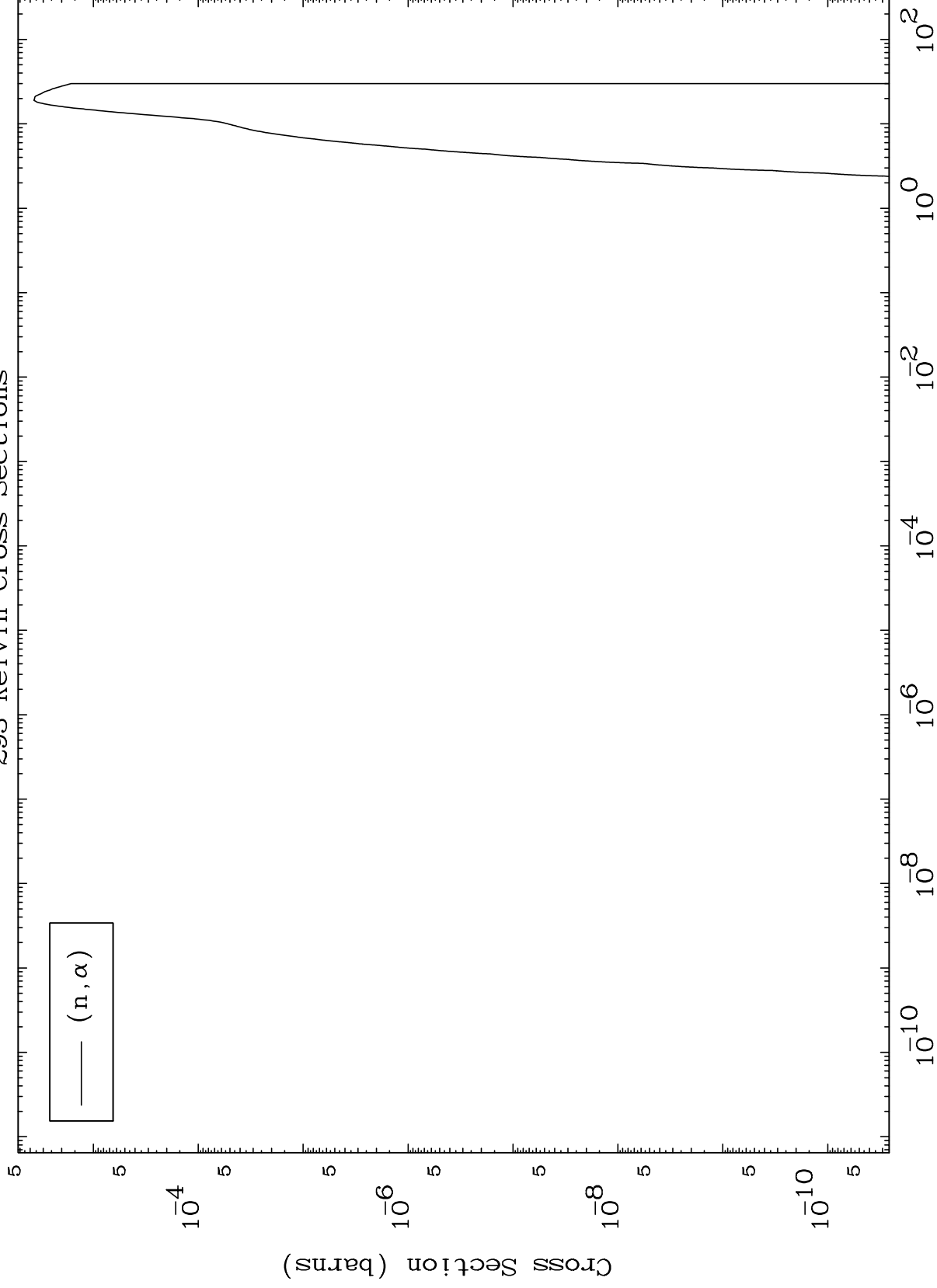
Incident Energy (MeV)

³⁴Se-81

MAT 3446

(n, α) Levels
293 Kelvin Cross Sections

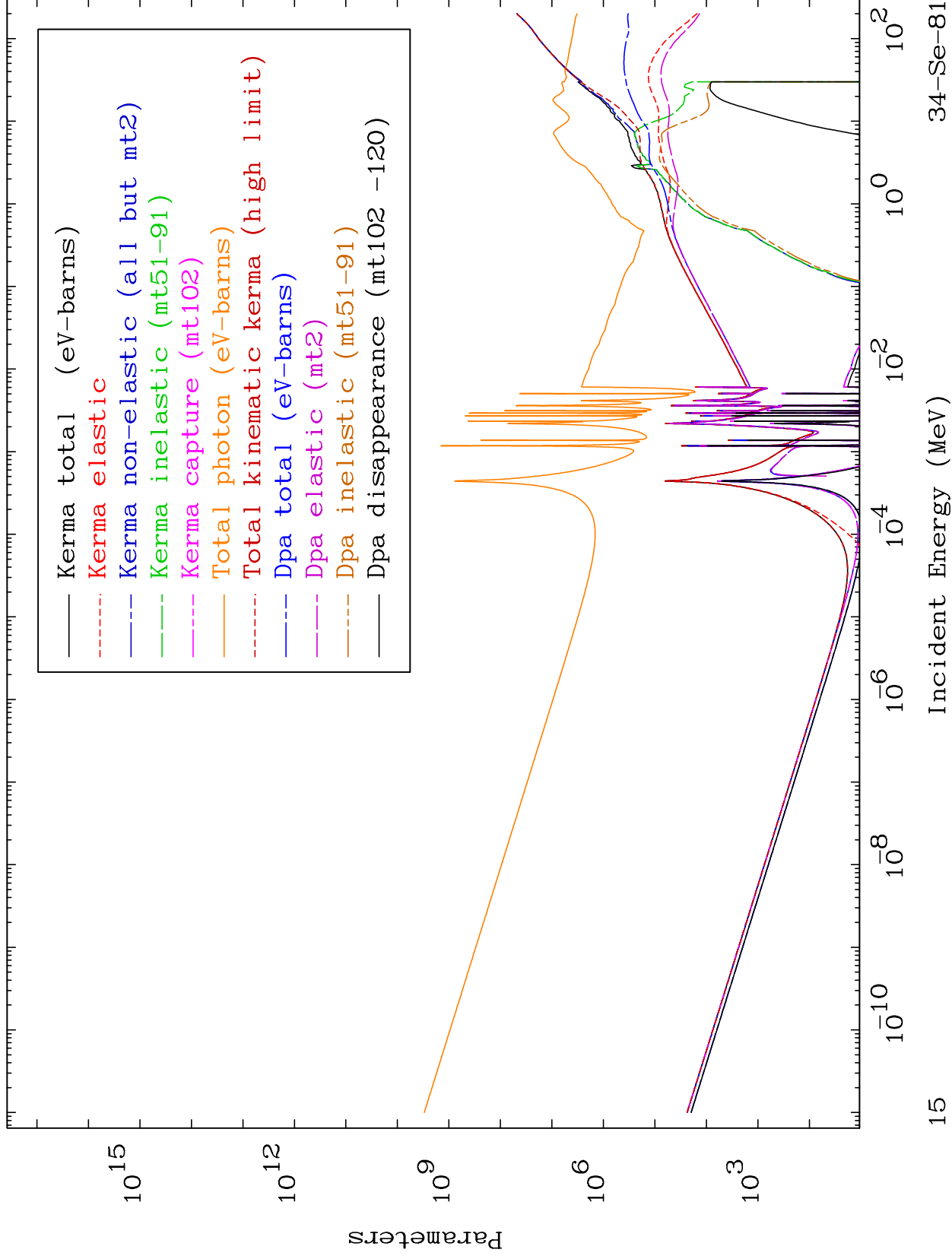
34-Se-81



14

Incident Energy (MeV)

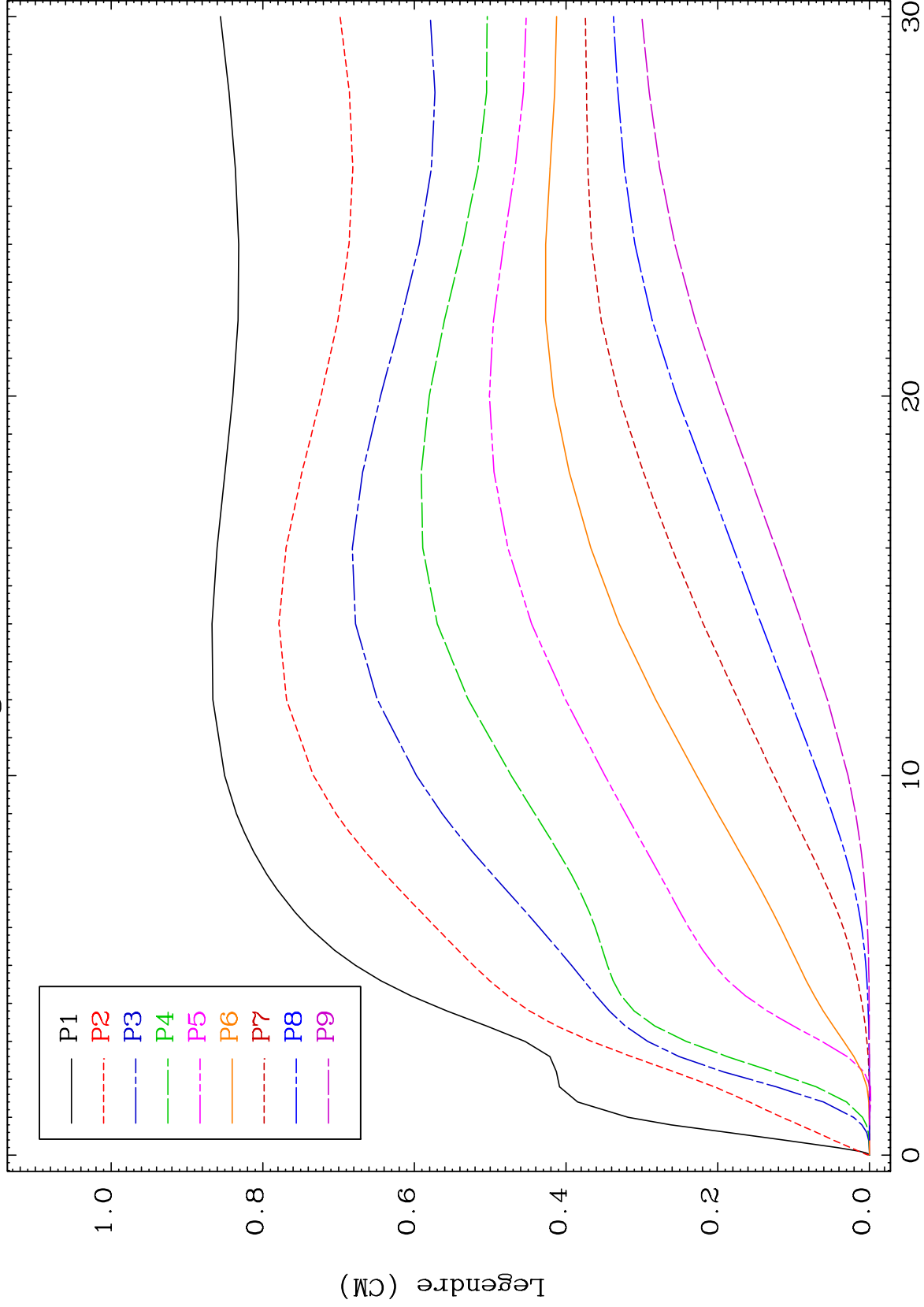
34-Se-81



MAT 3446

Elastic Legendre Coefficients

³⁴Se-81



16

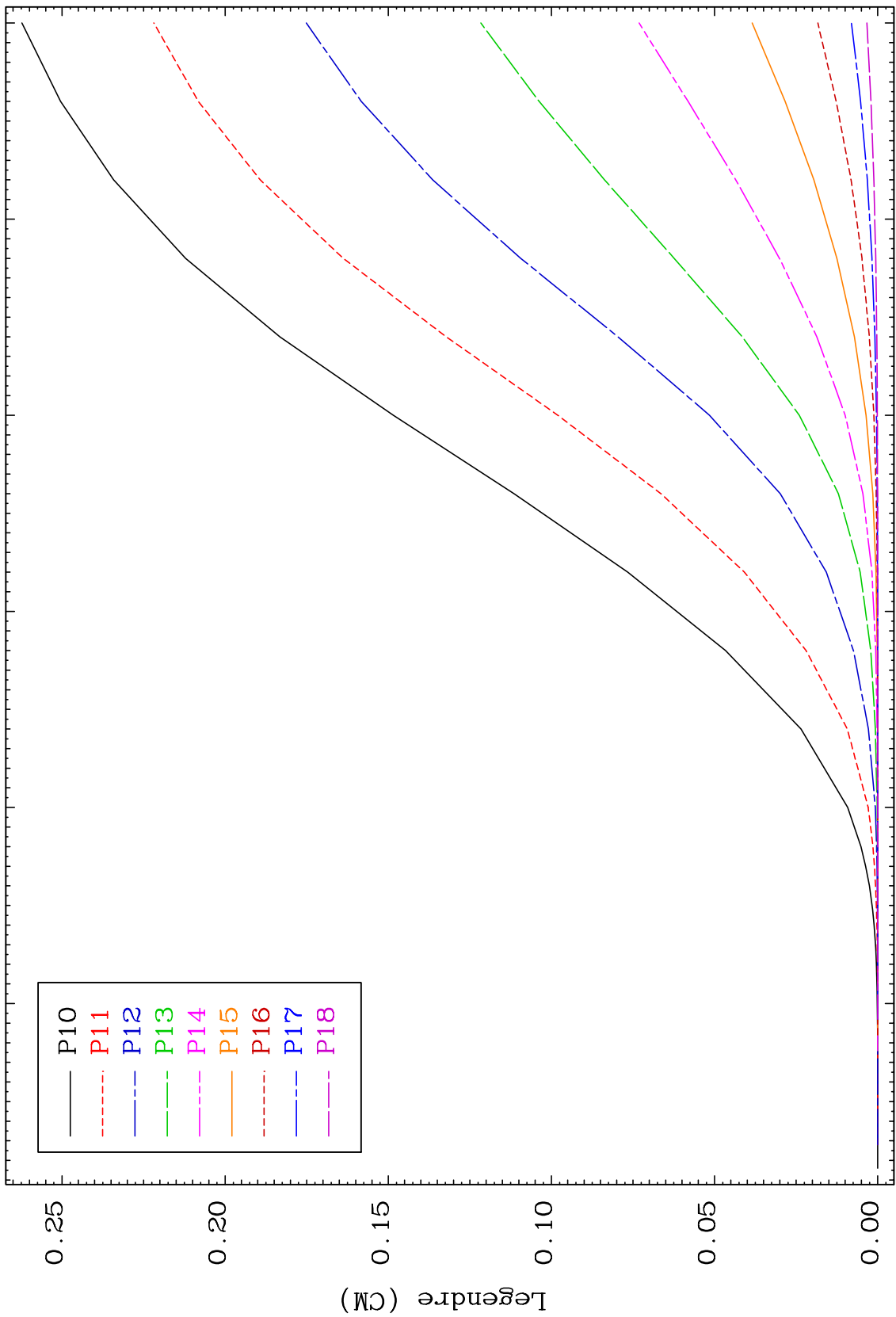
Incident Energy (MeV)

³⁴Se-81

MAT 3446

Elastic Legendre Coefficients

³⁴Se-81



17

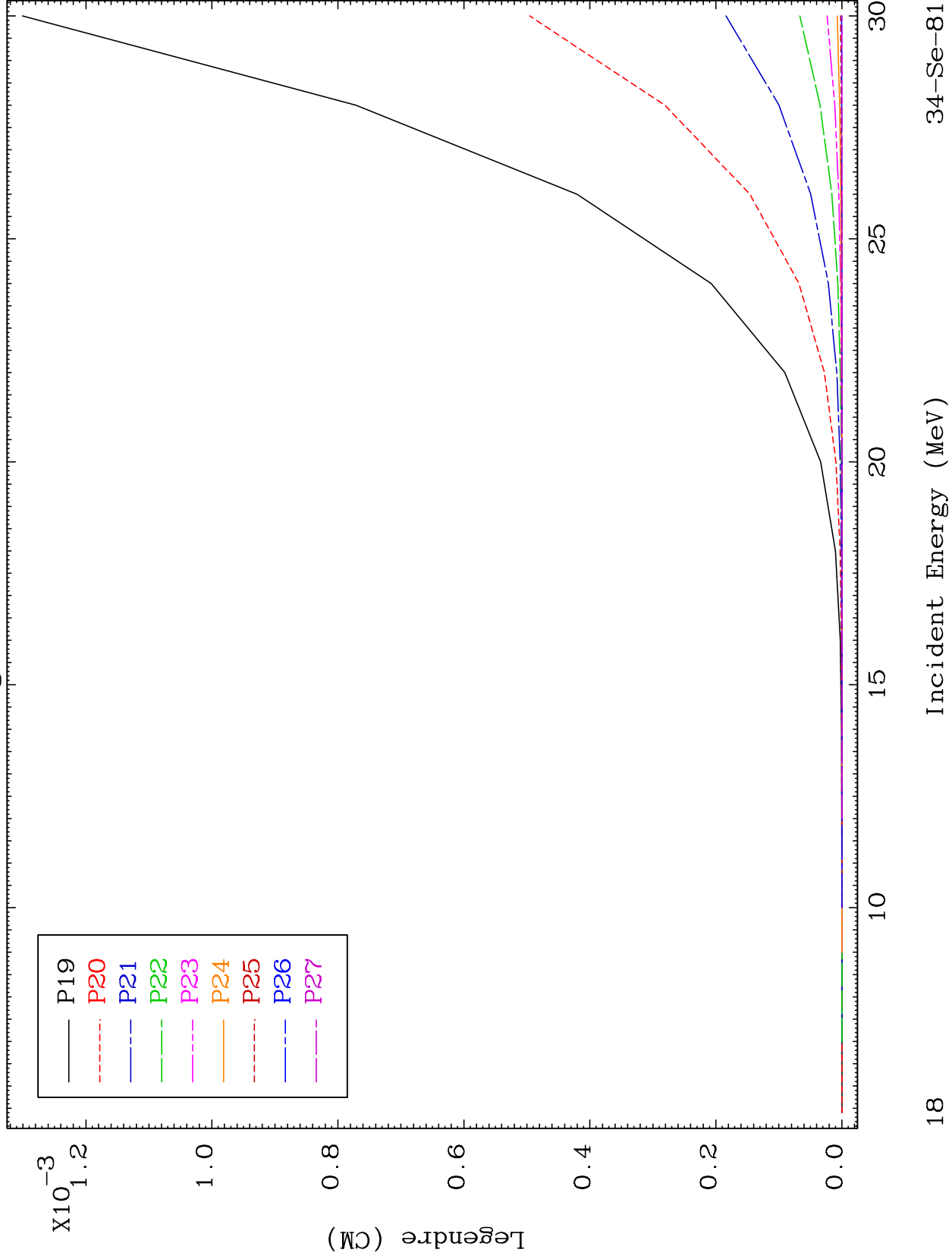
³⁴Se-81

Incident Energy (MeV)

MAT 3446

Elastic Legendre Coefficients

³⁴Se-81



18

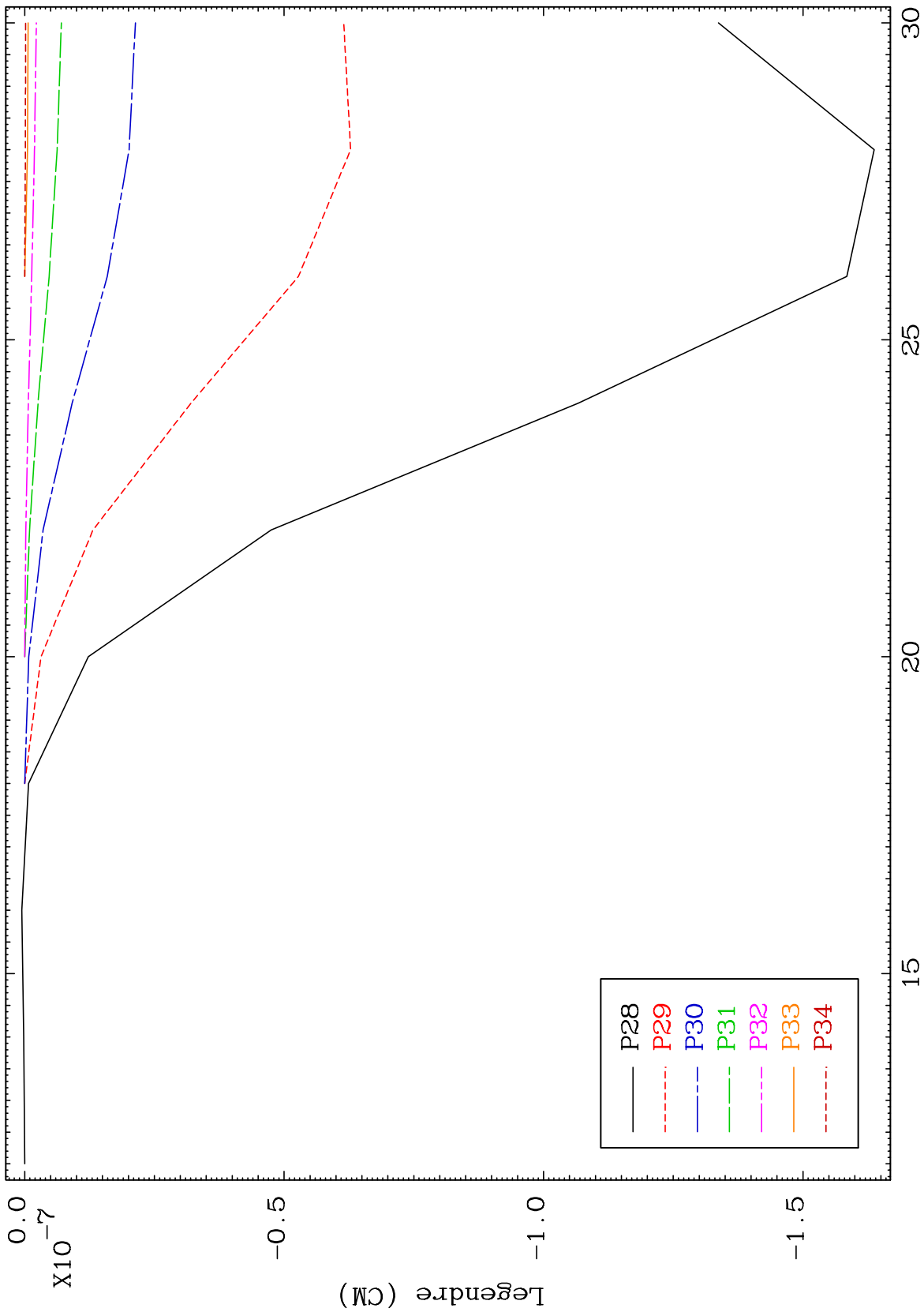
Incident Energy (MeV)

³⁴Se-81

MAT 3446

34-Se-81

Elastic Legendre Coefficients



19

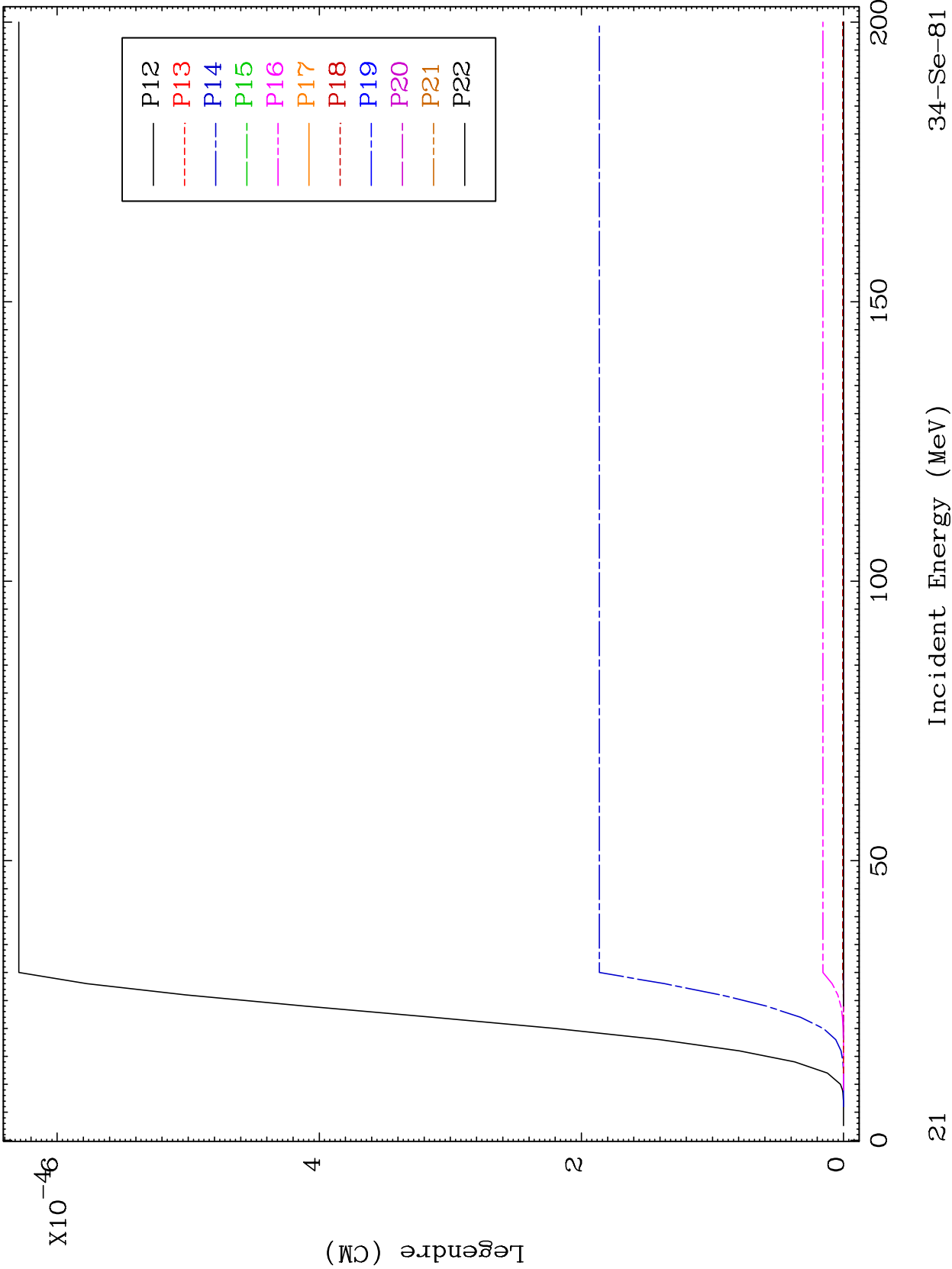
Incident Energy (MeV)

34-Se-81

MAT 3446

103.0 keV (n,n') Level
Legendre Coefficients

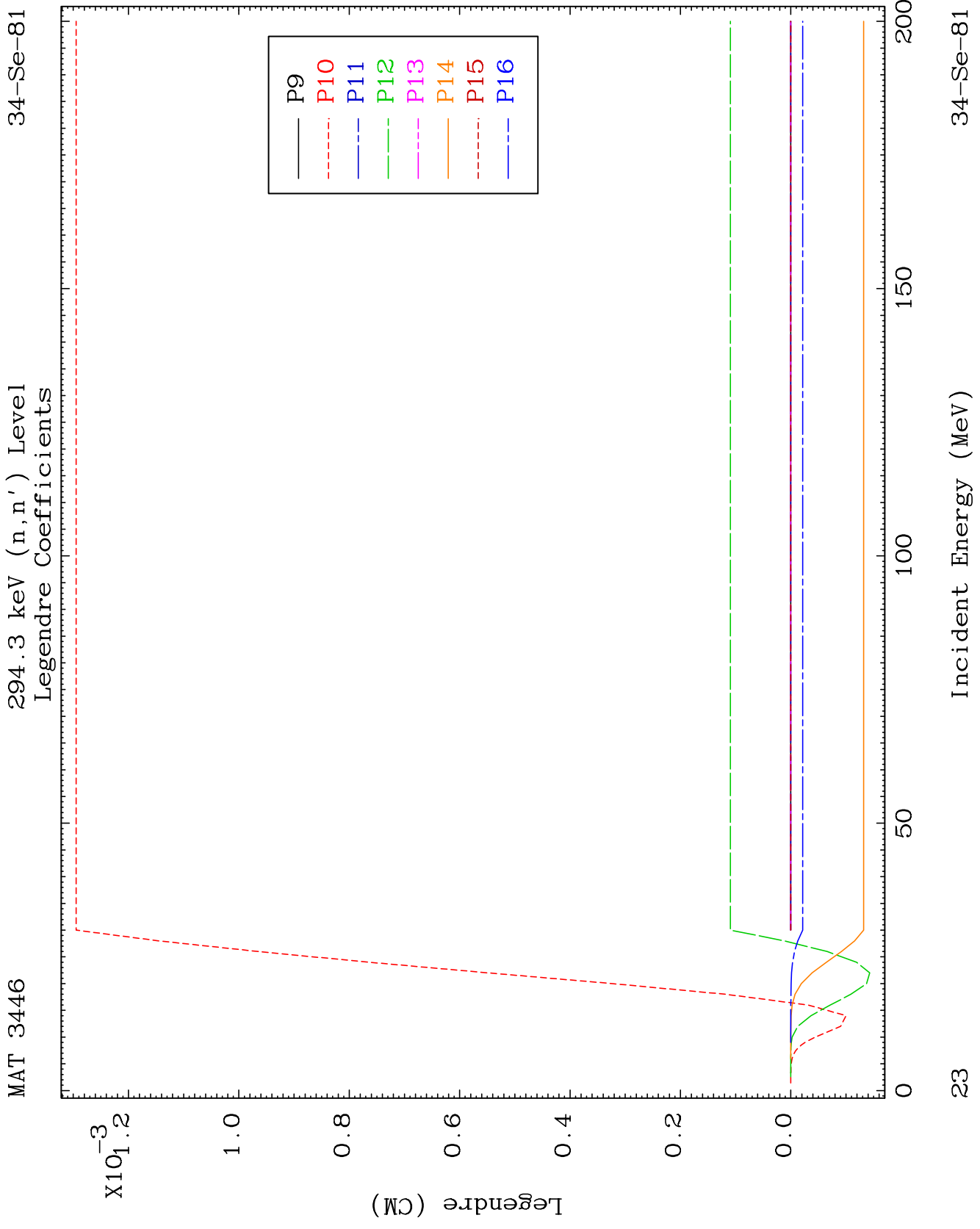
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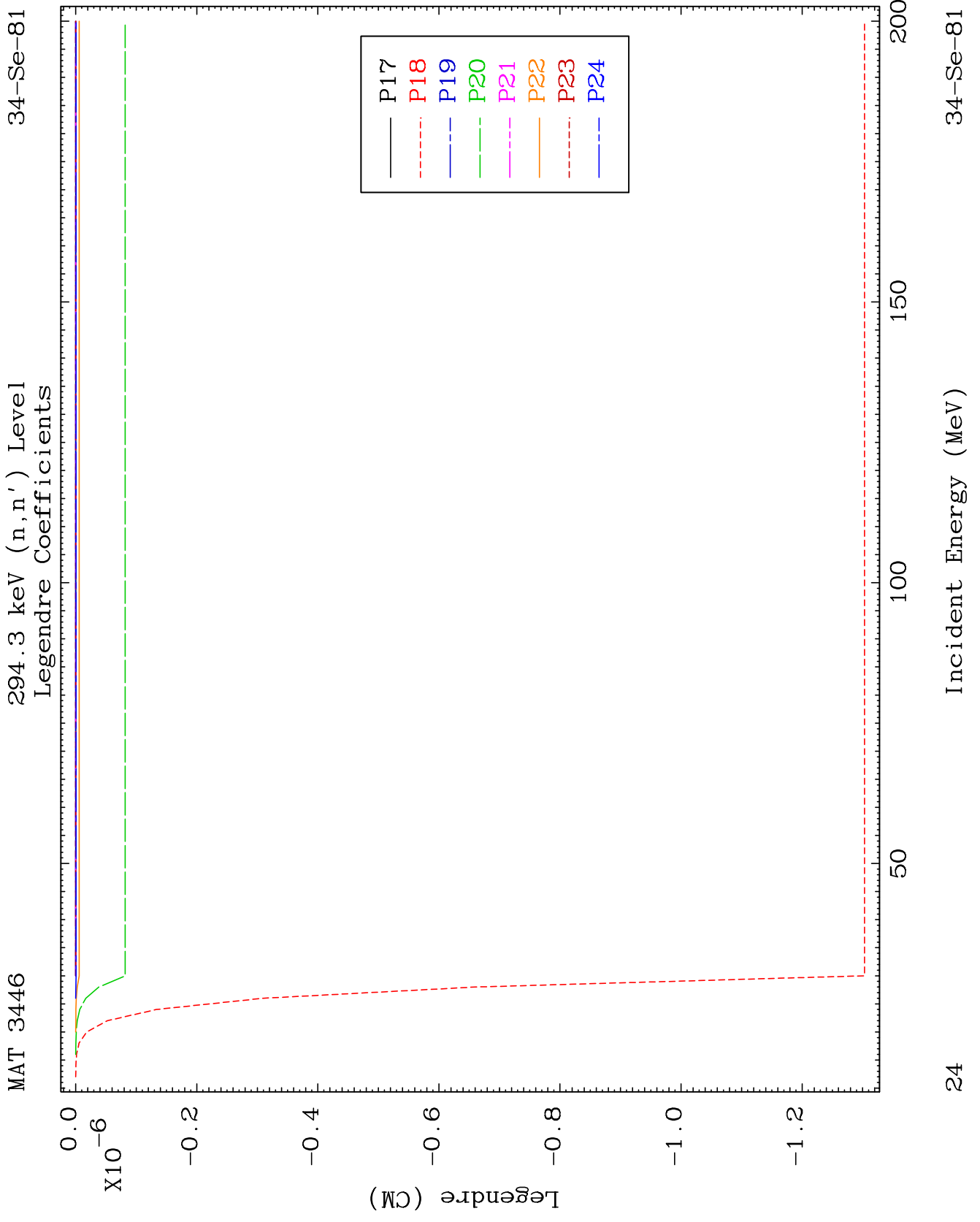


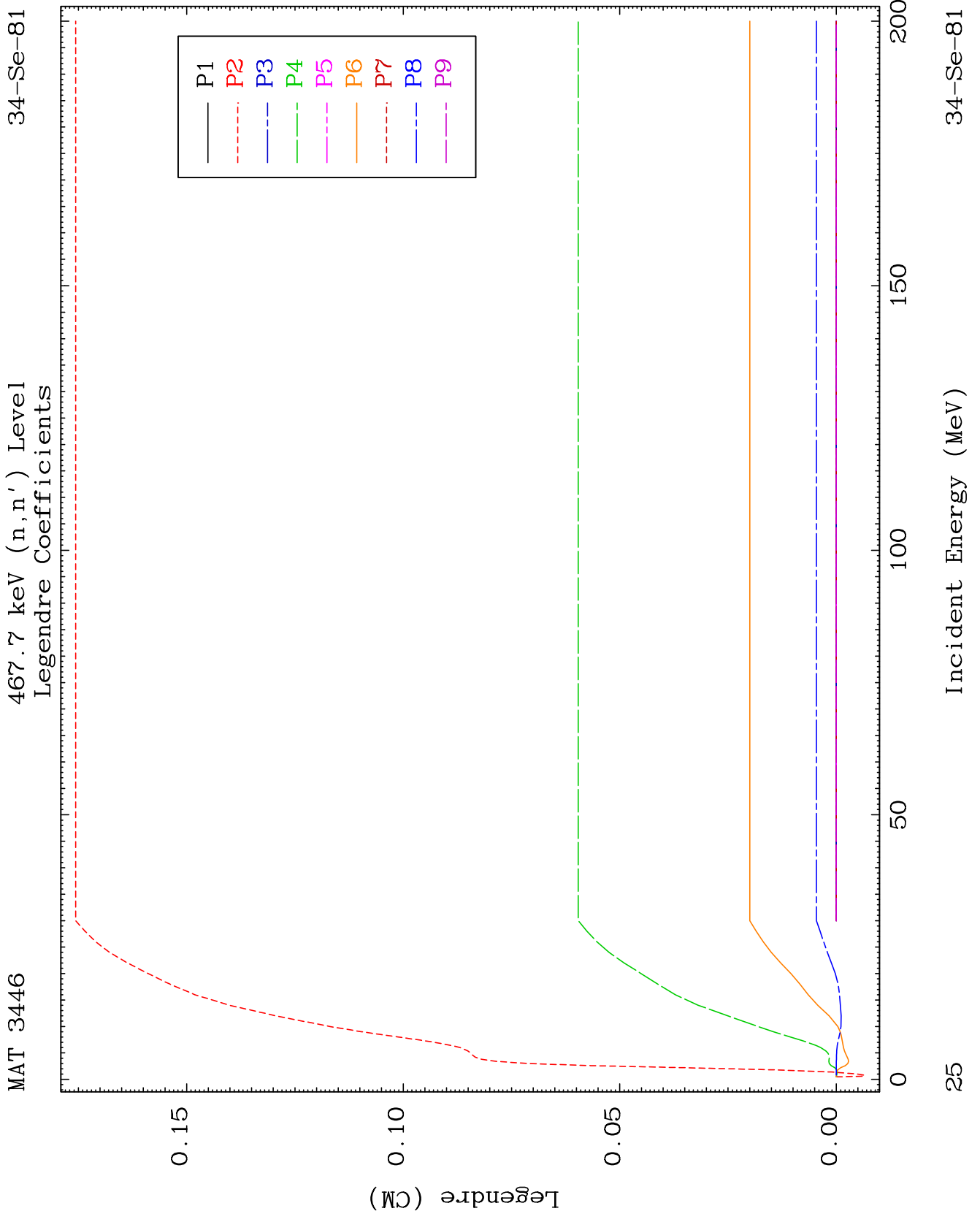
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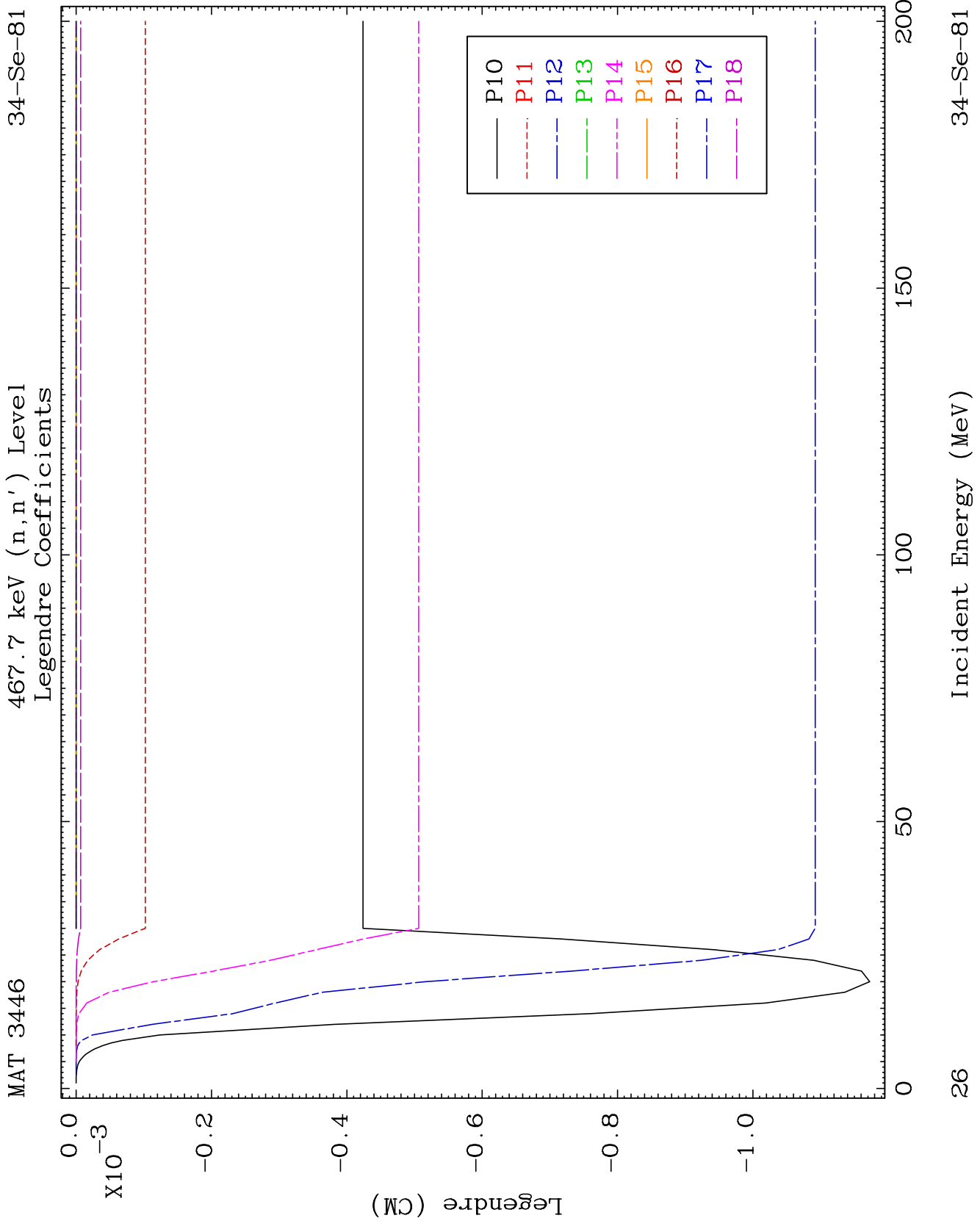
Incident Energy (MeV)

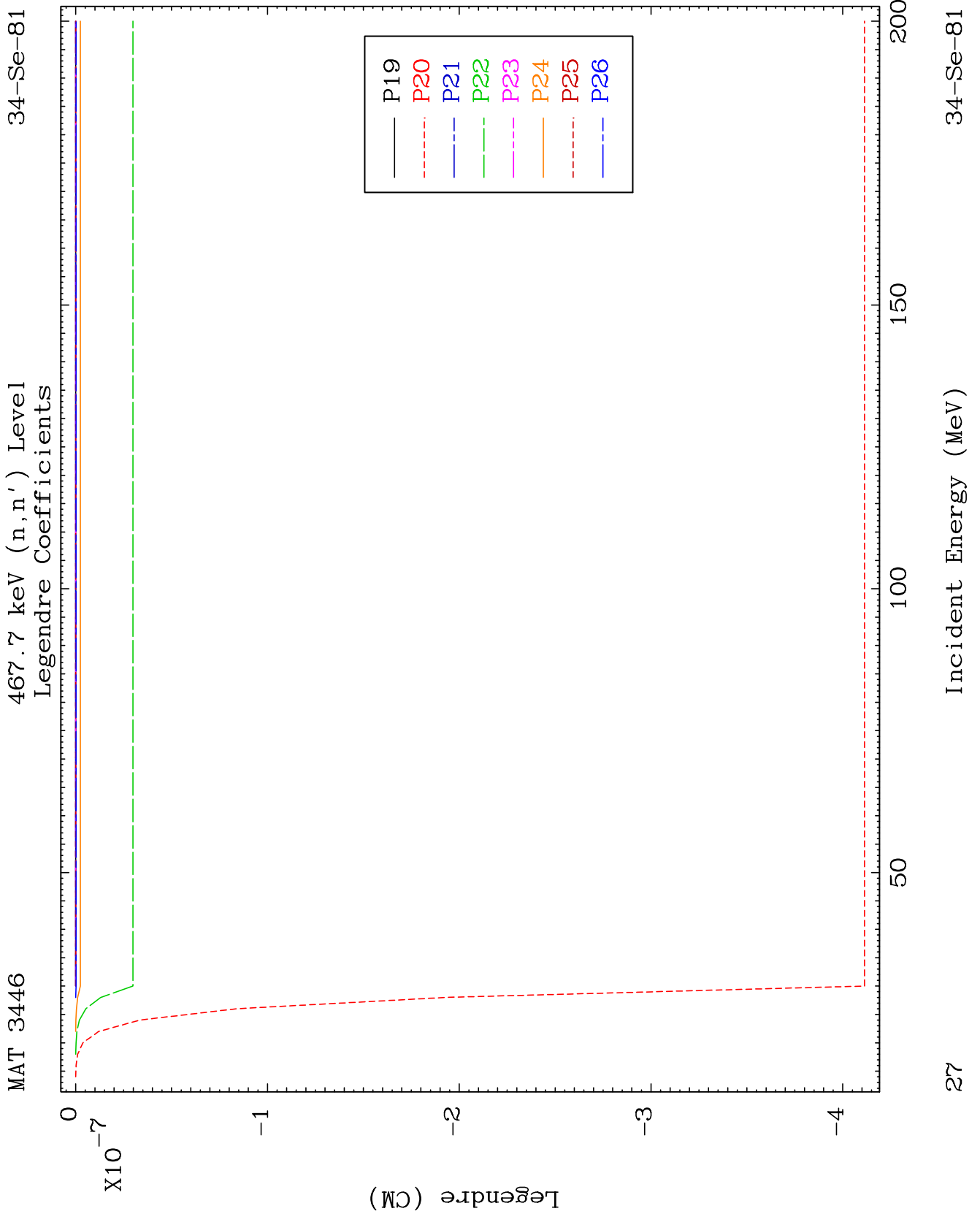
34-Se-81

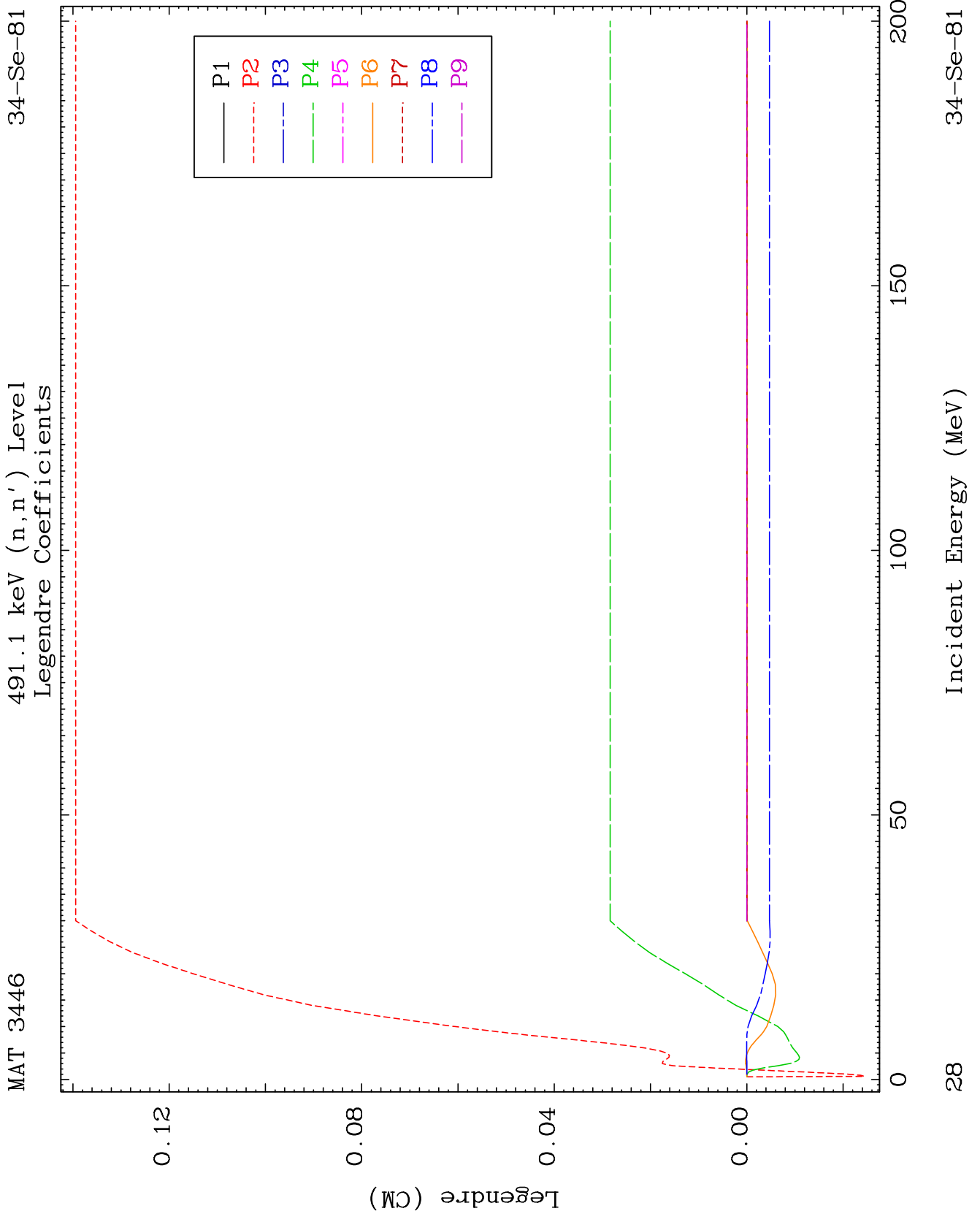








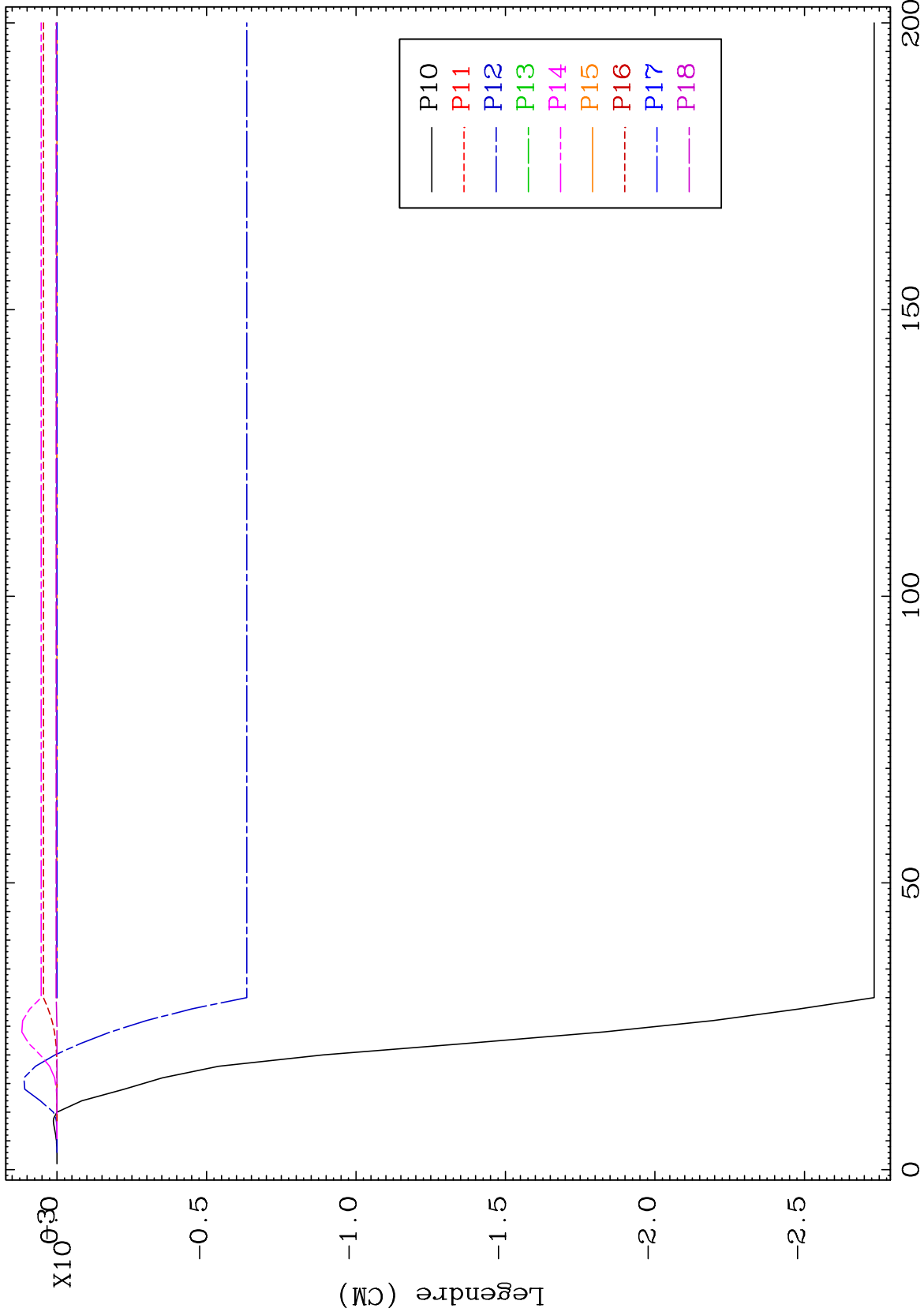




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491.1 keV (n,n') Level
Legendre Coefficients

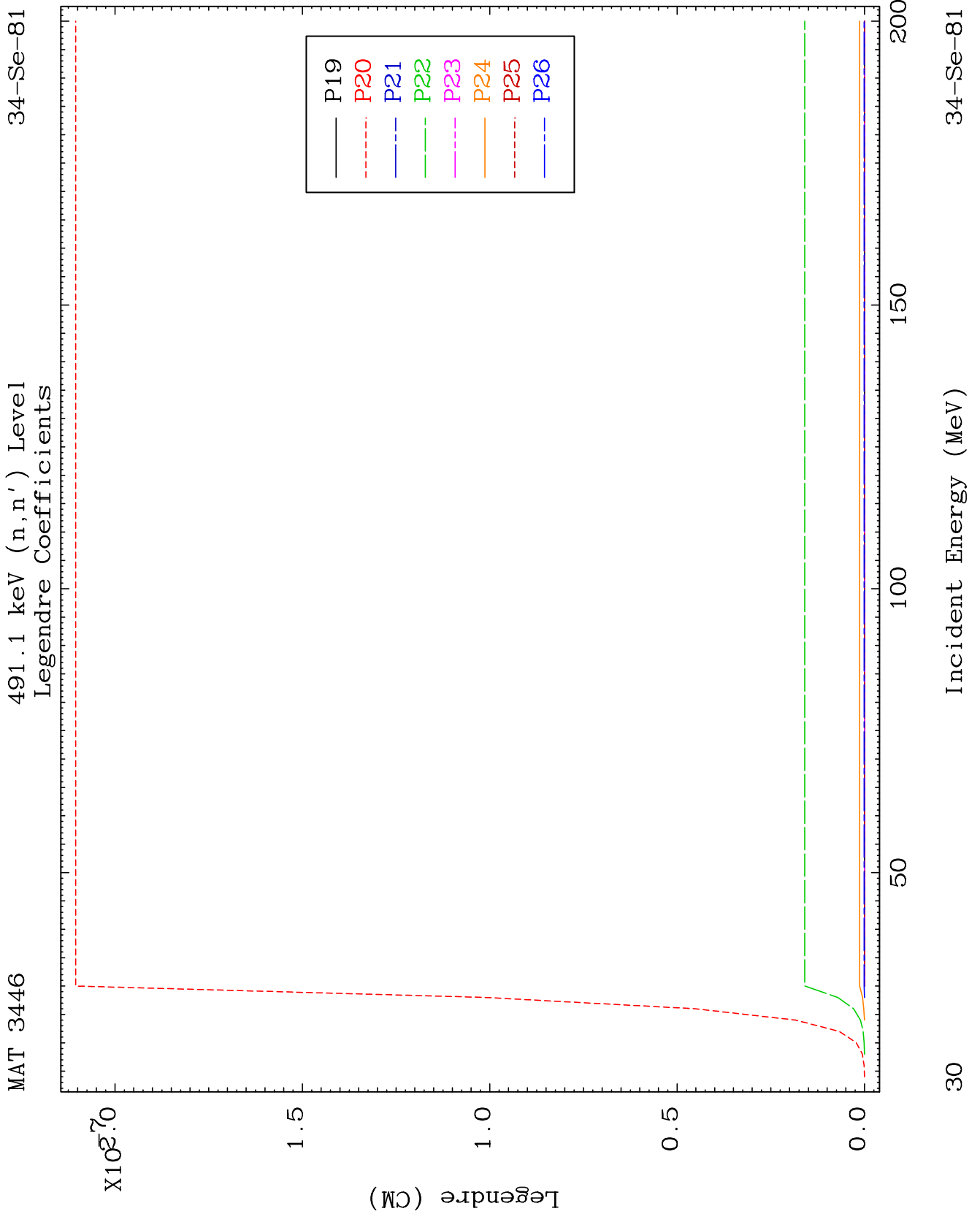
³⁴Se-81

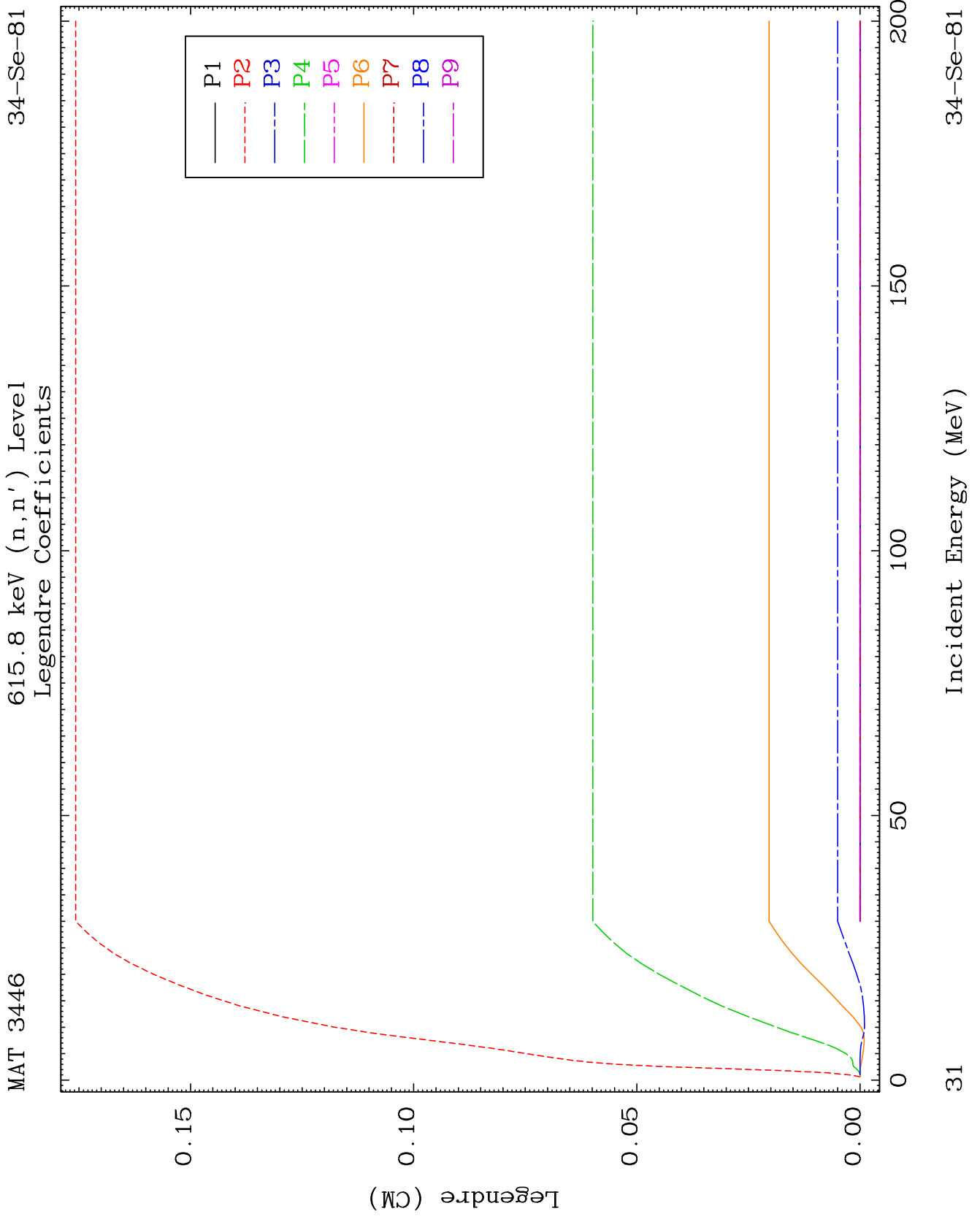


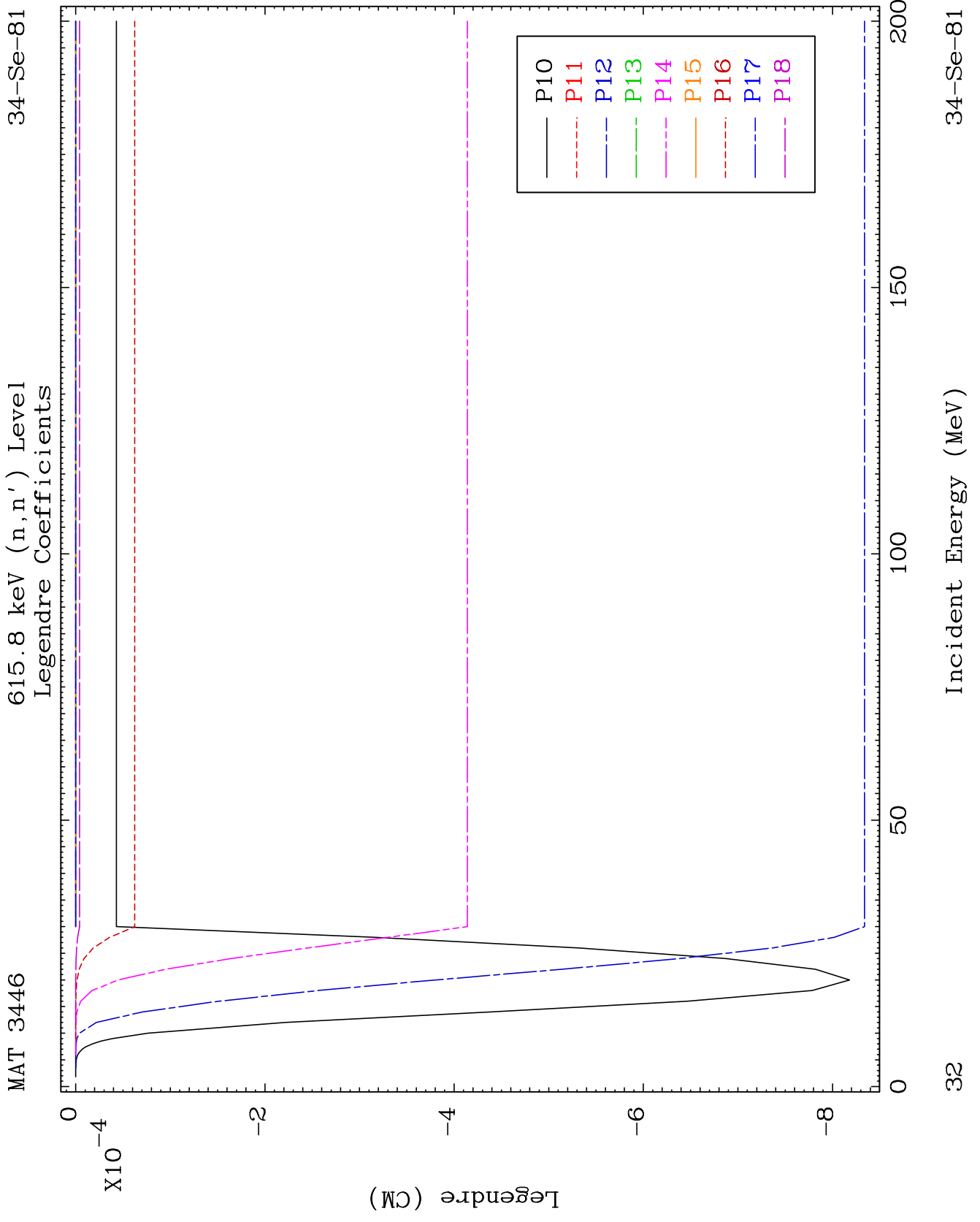
29

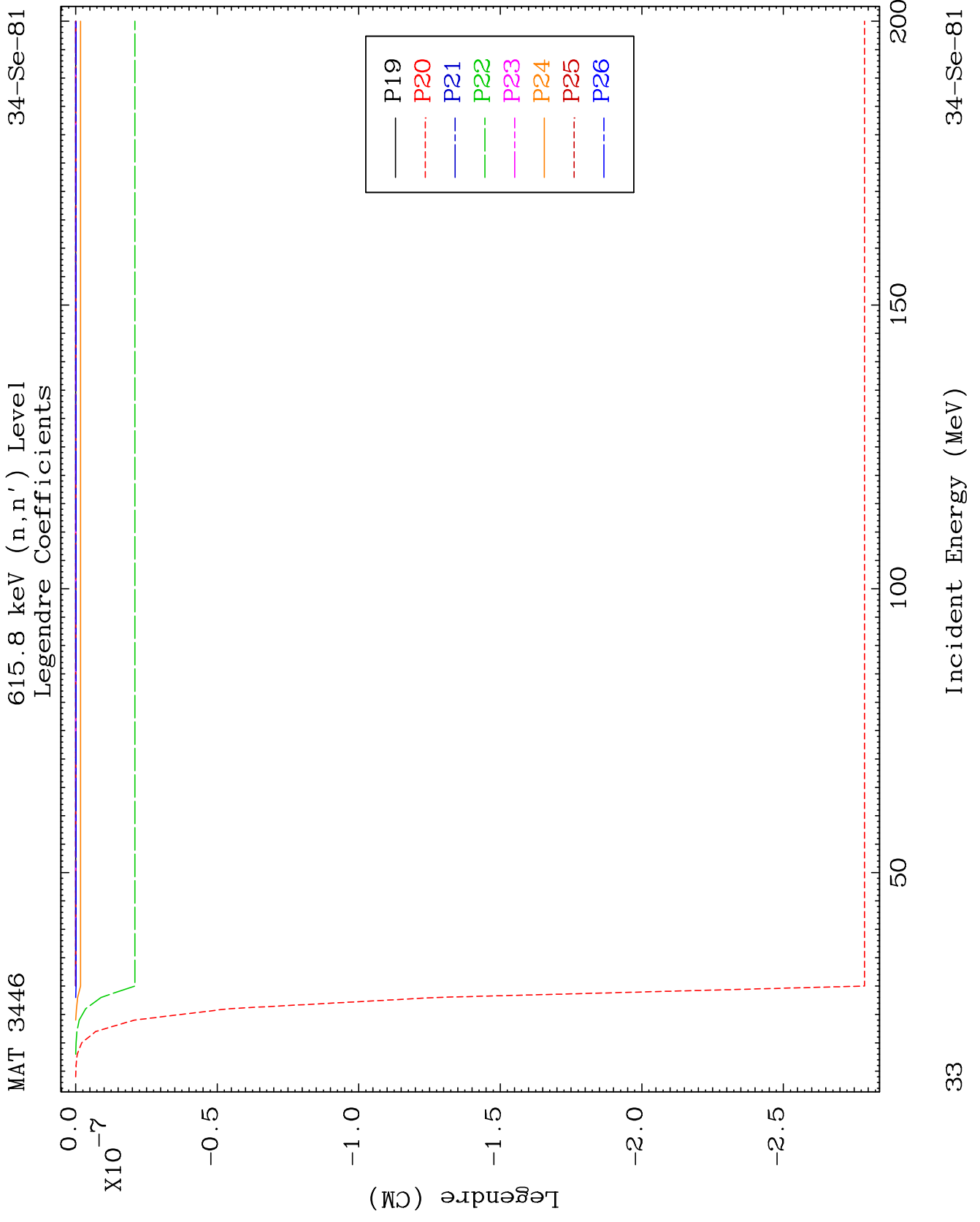
Incident Energy (MeV)

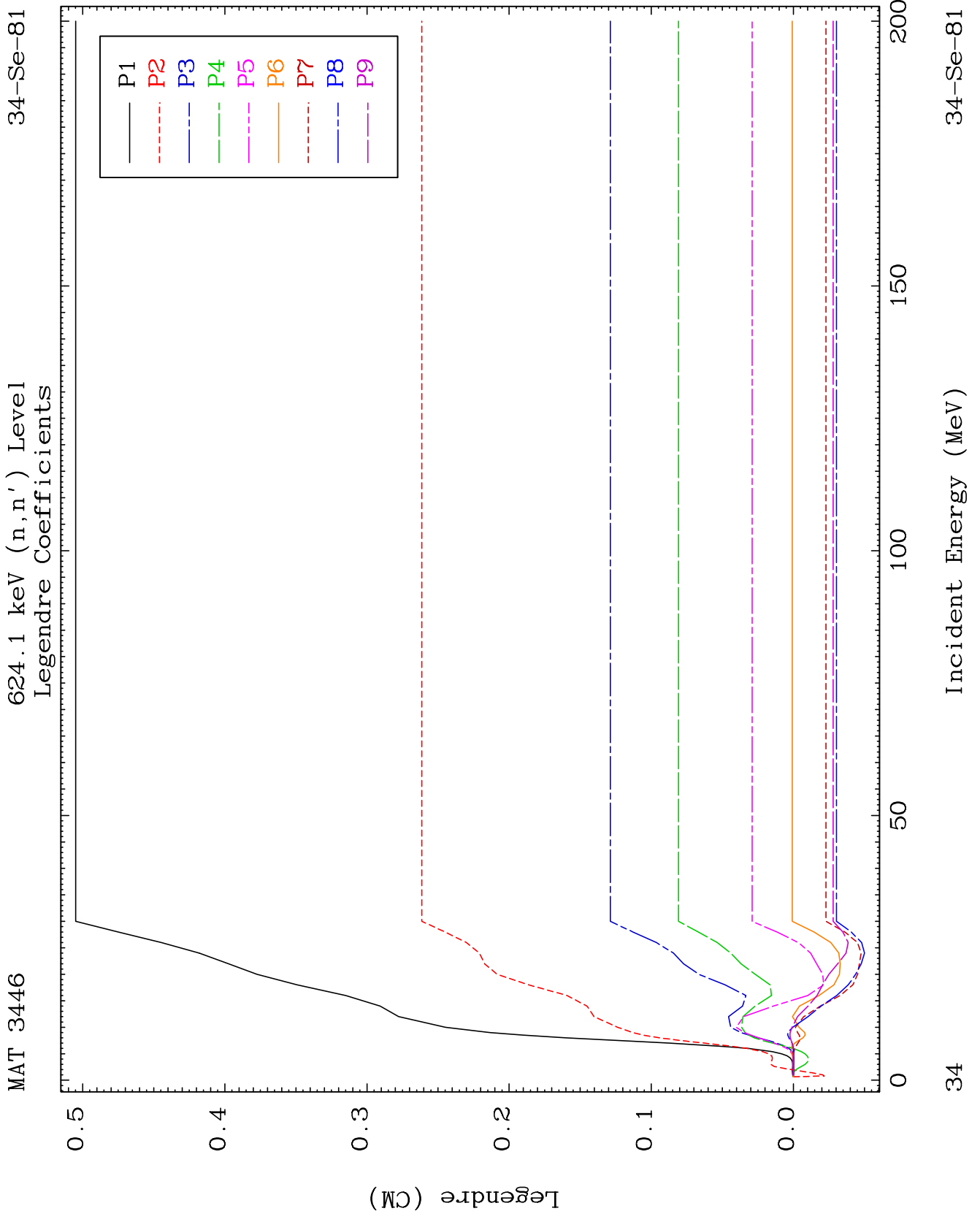
³⁴Se-81







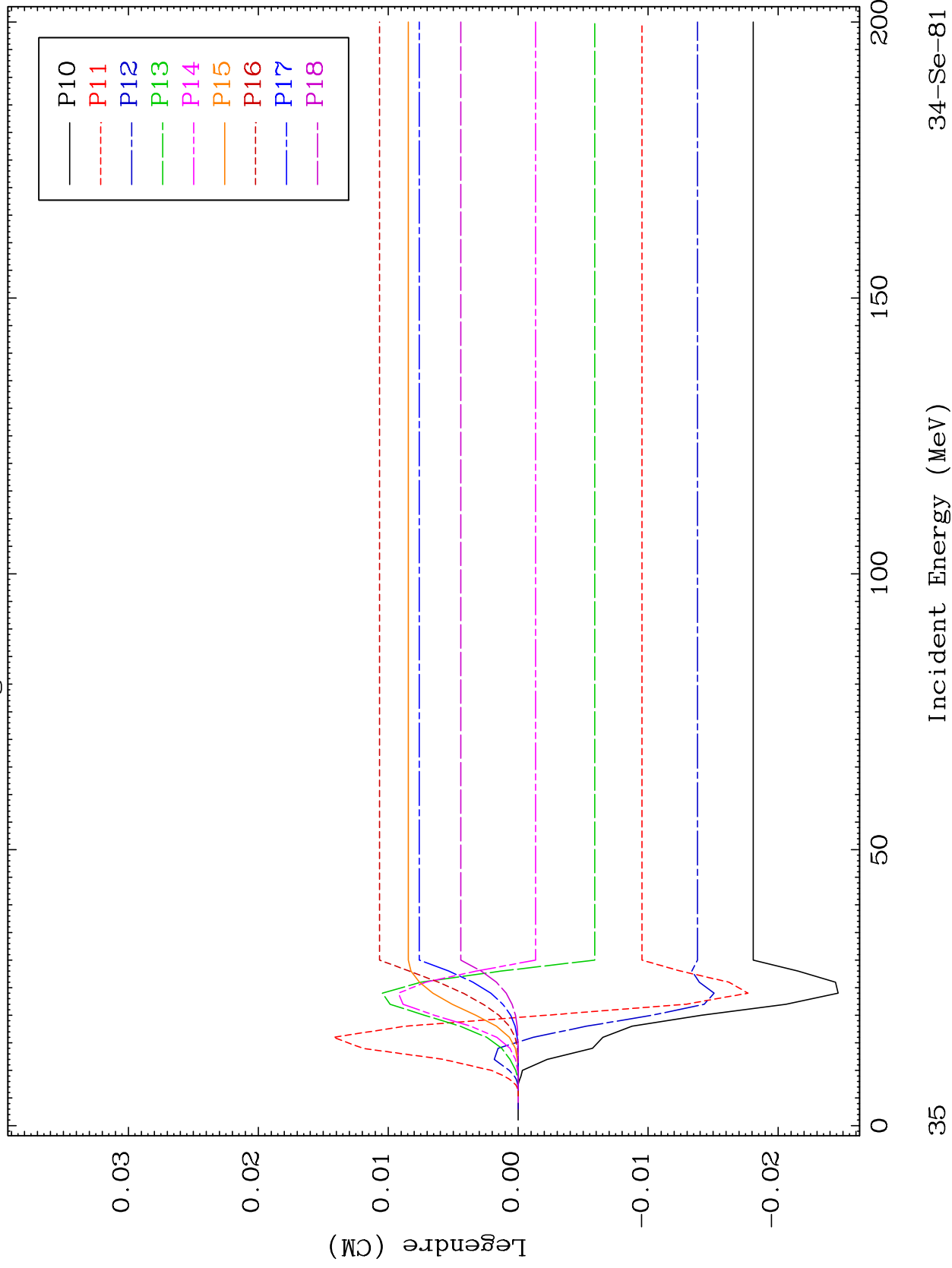




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624.1 keV (n,n') Level
Legendre Coefficients

34-Se-81



35

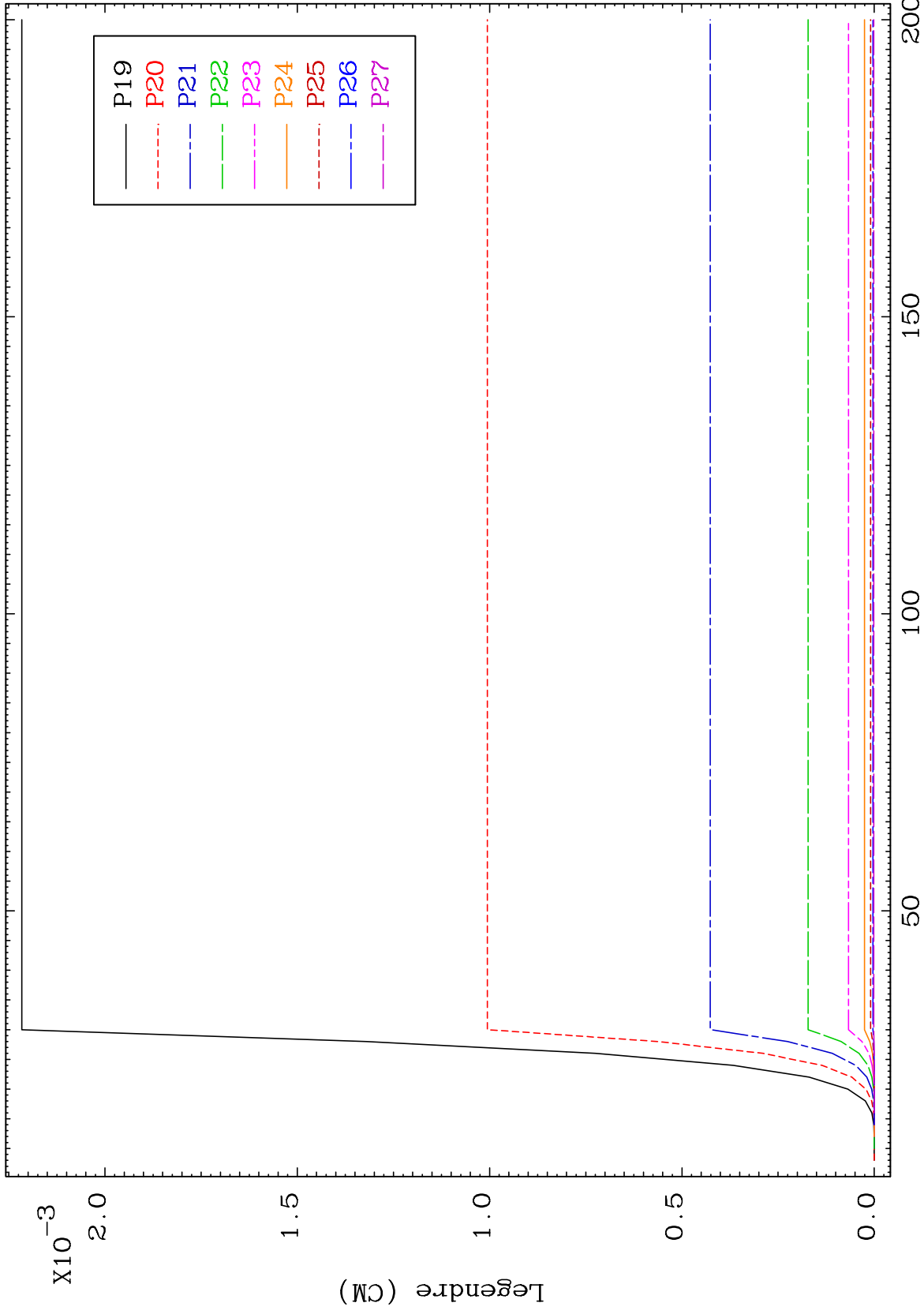
Incident Energy (MeV)

34-Se-81

MAT 3446

624.1 keV (n,n') Level
Legendre Coefficients

34-Se-81



36

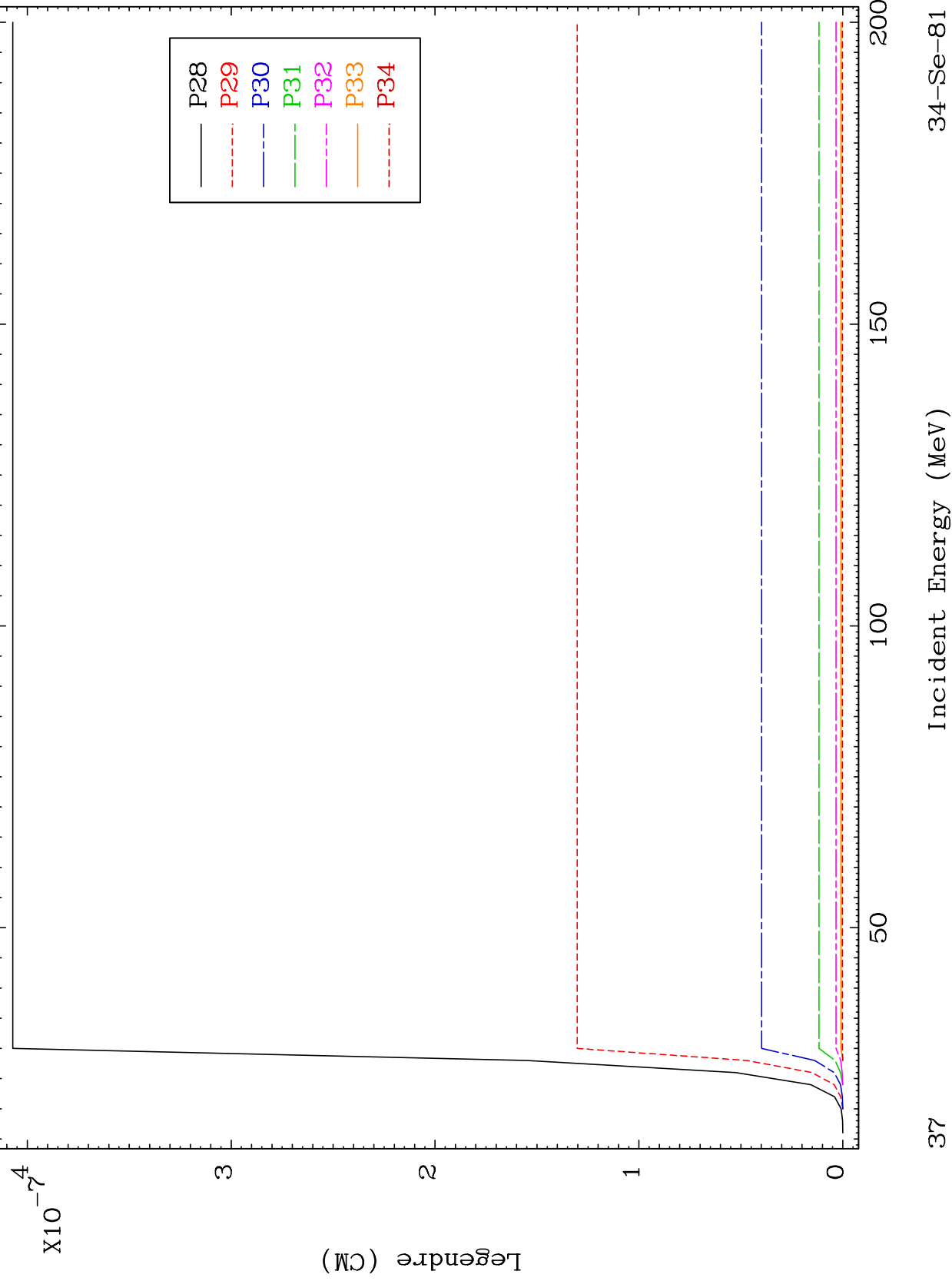
Incident Energy (MeV)

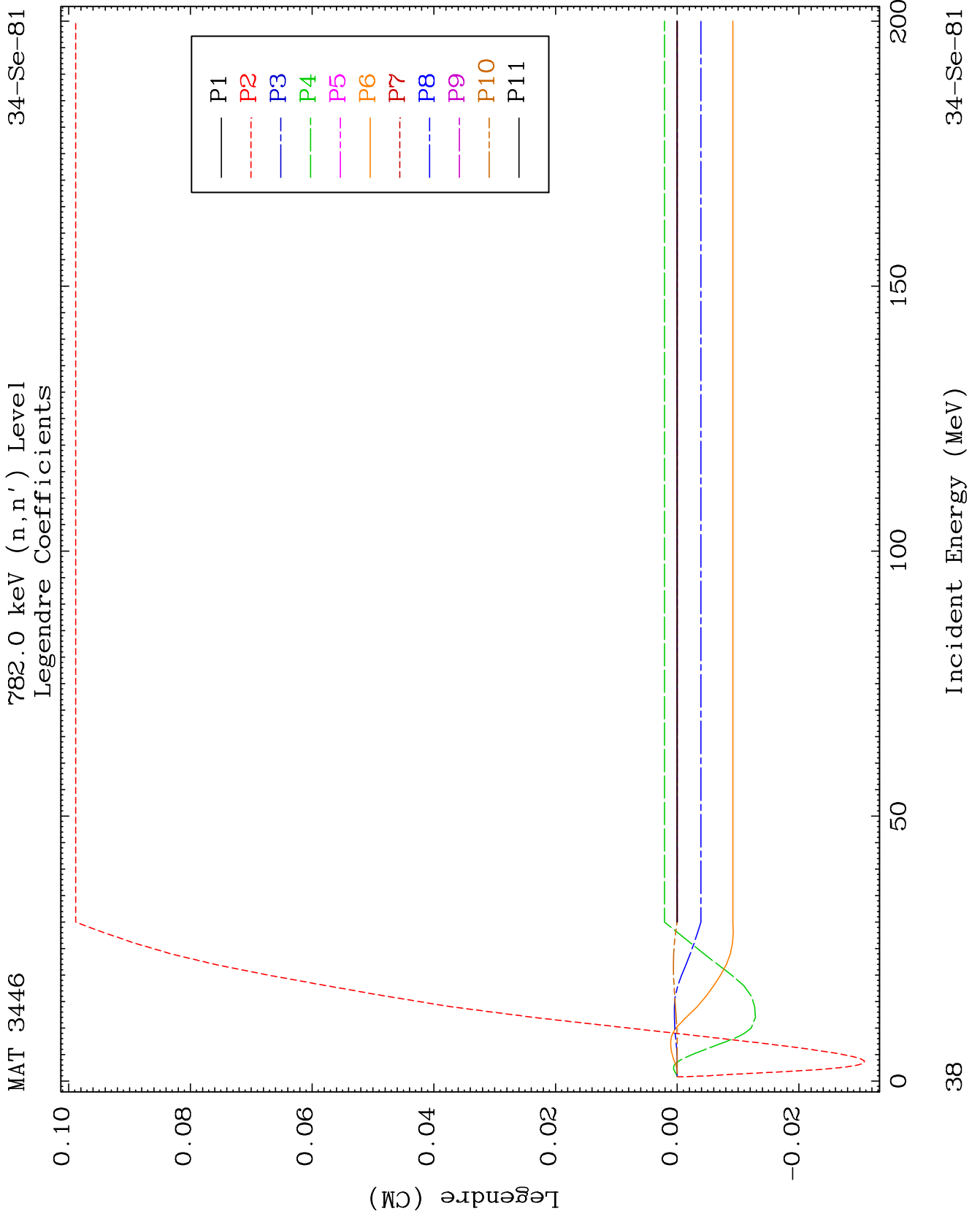
34-Se-81

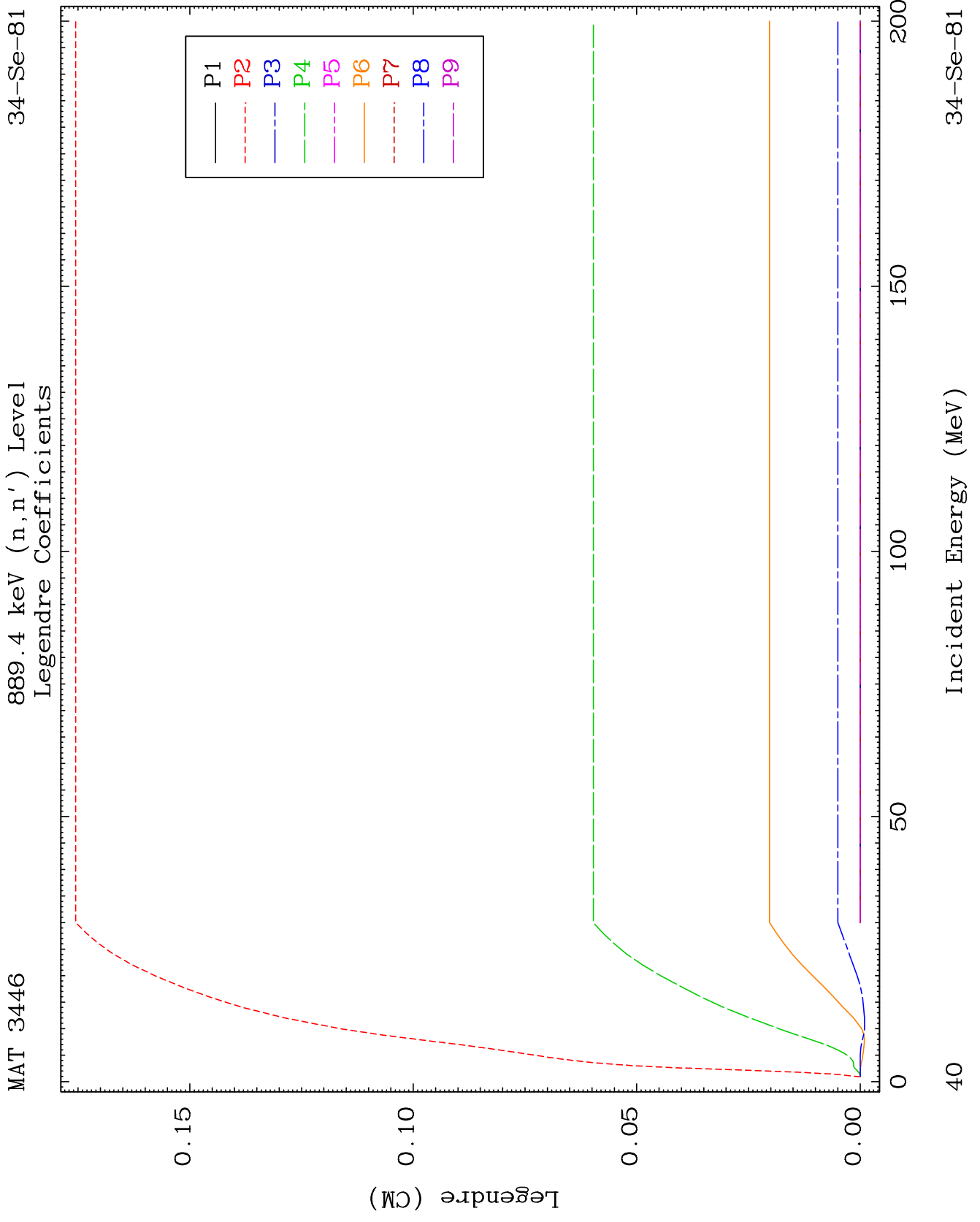
MAT 3446

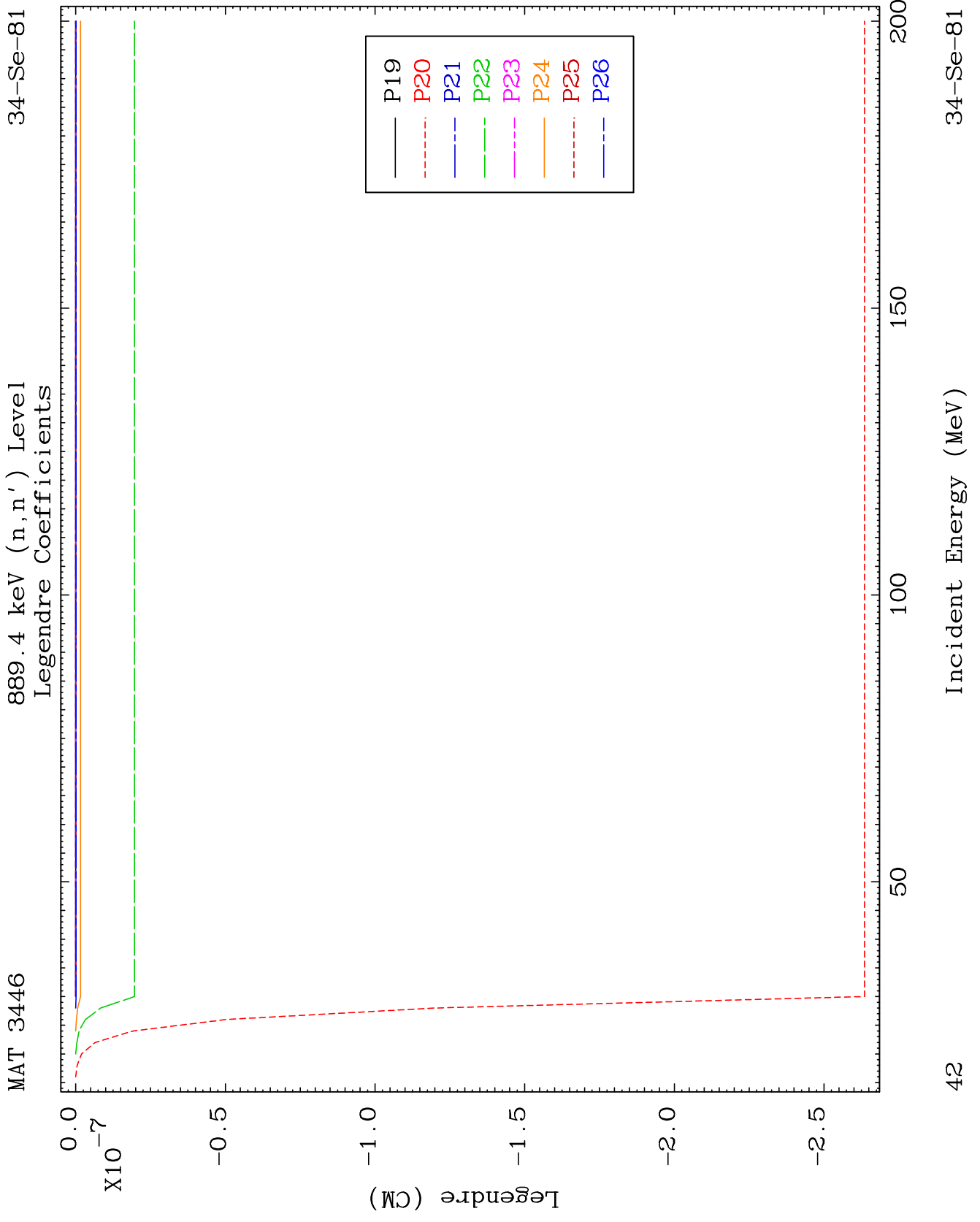
624.1 keV (n,n') Level
Legendre Coefficients

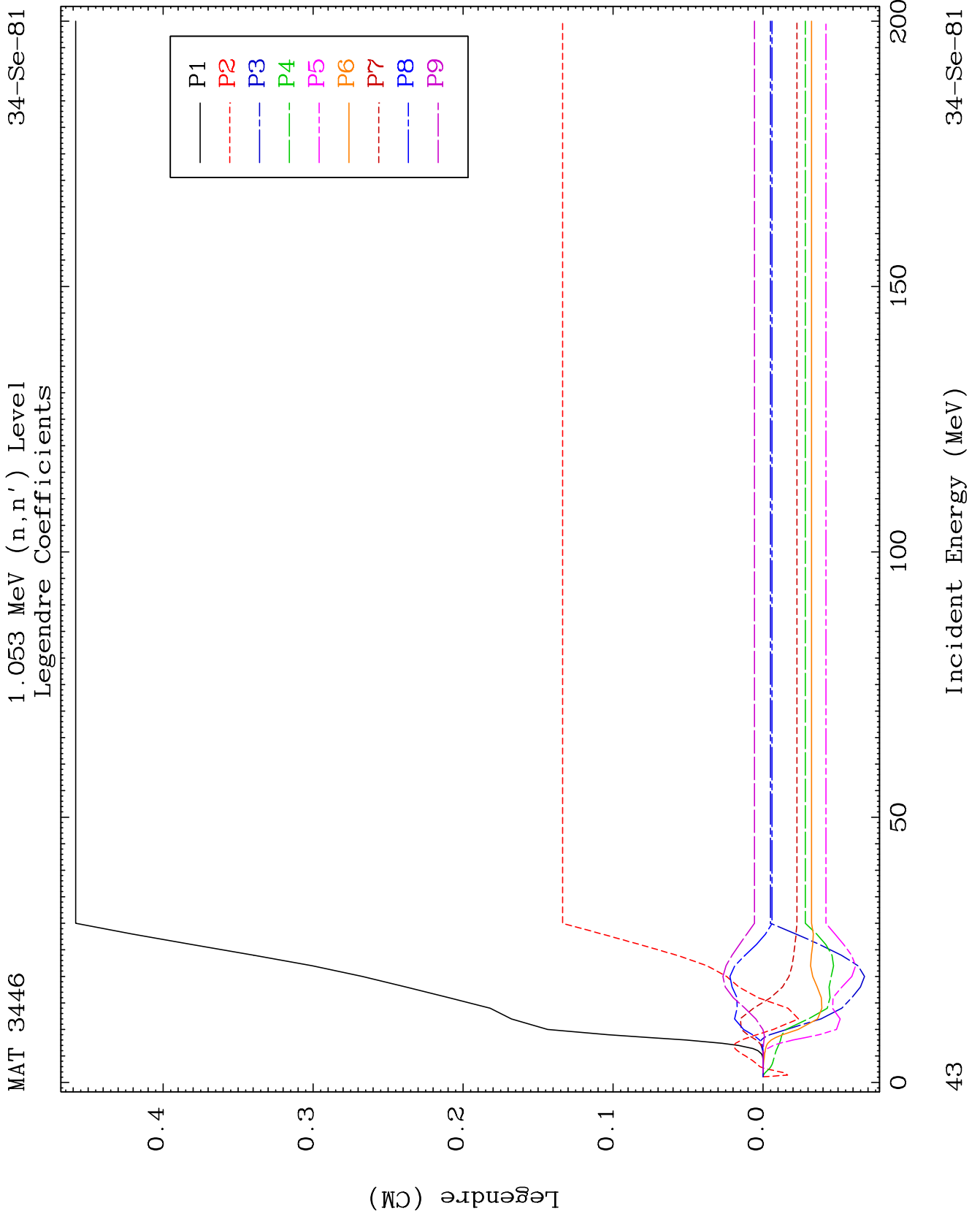
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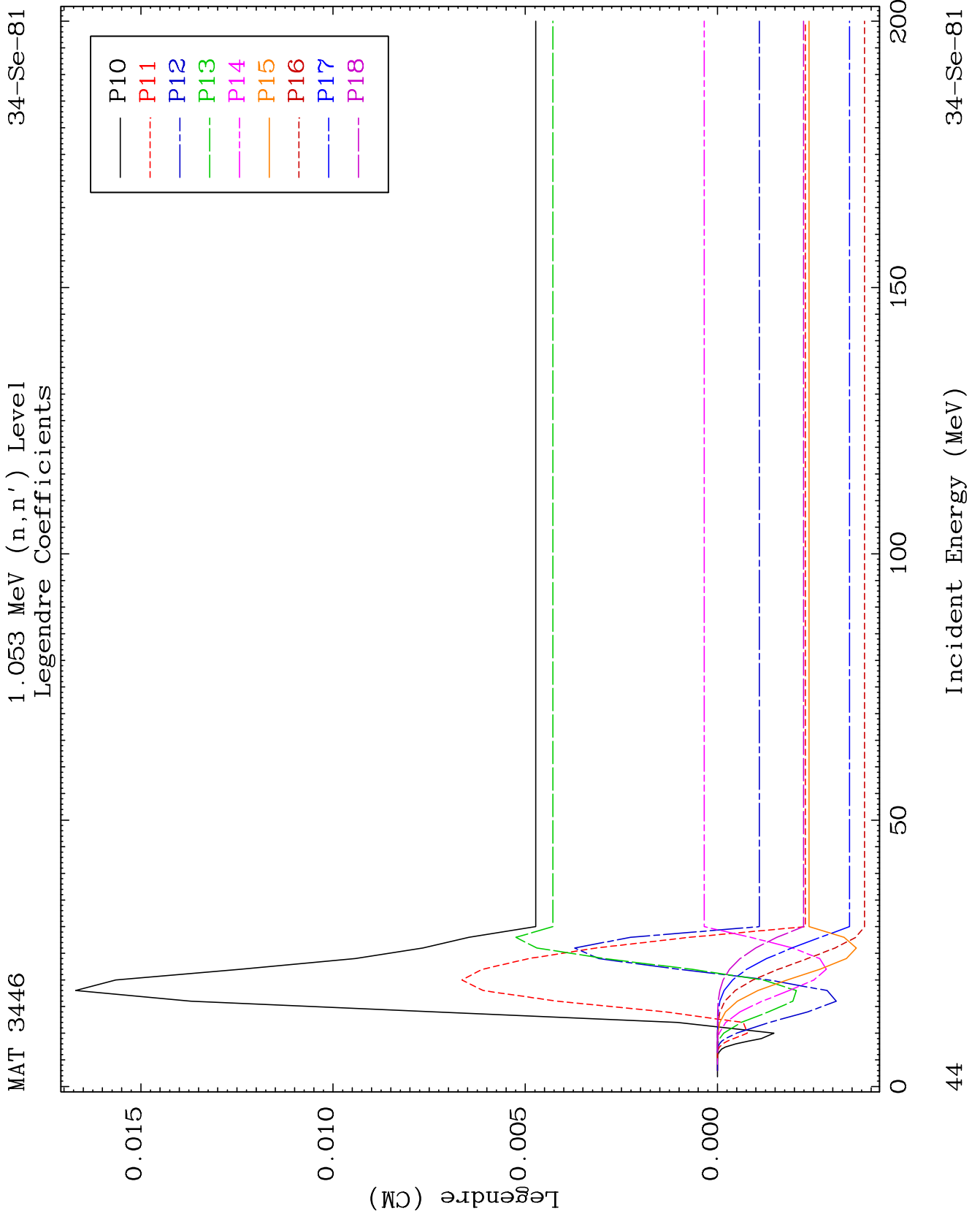


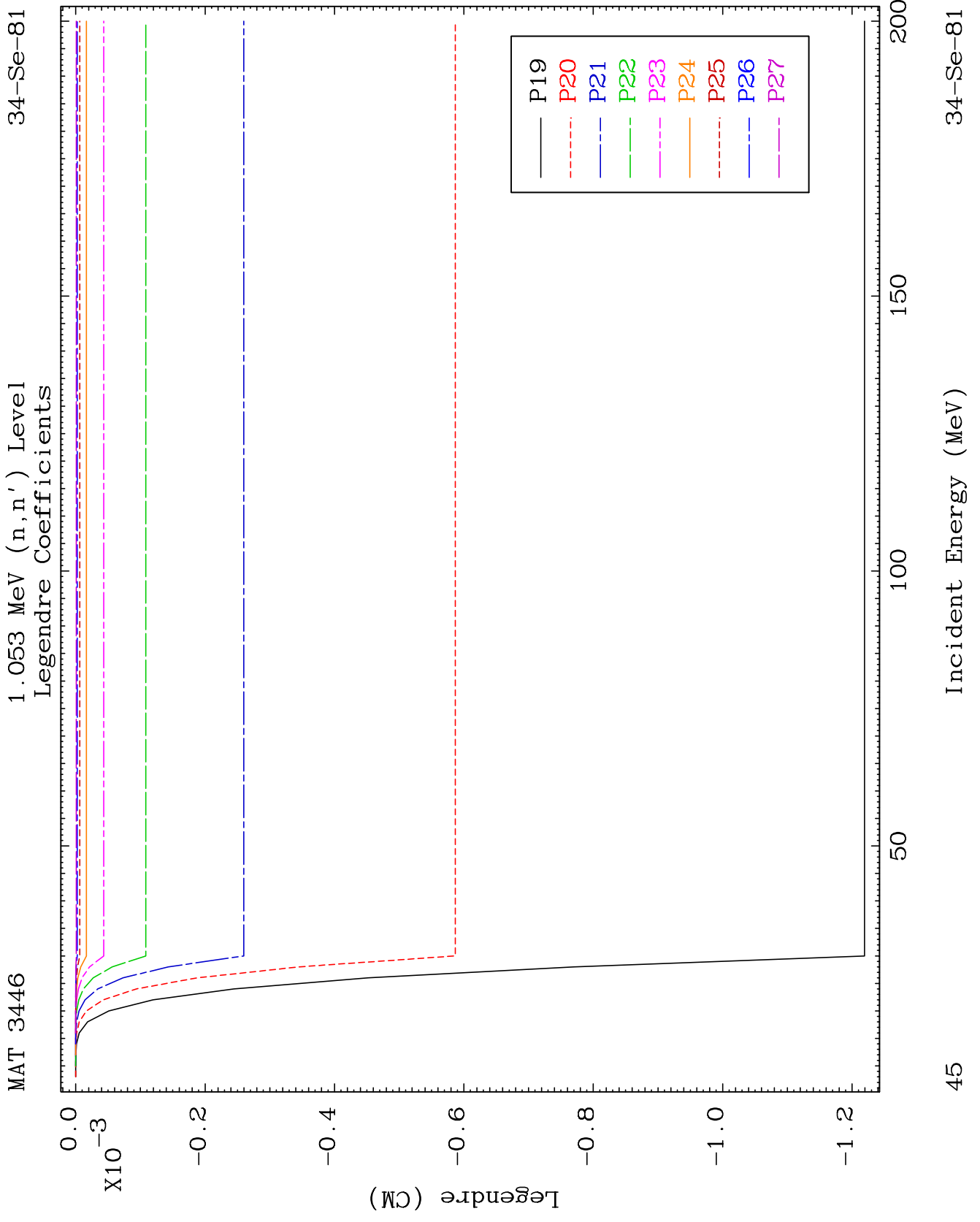


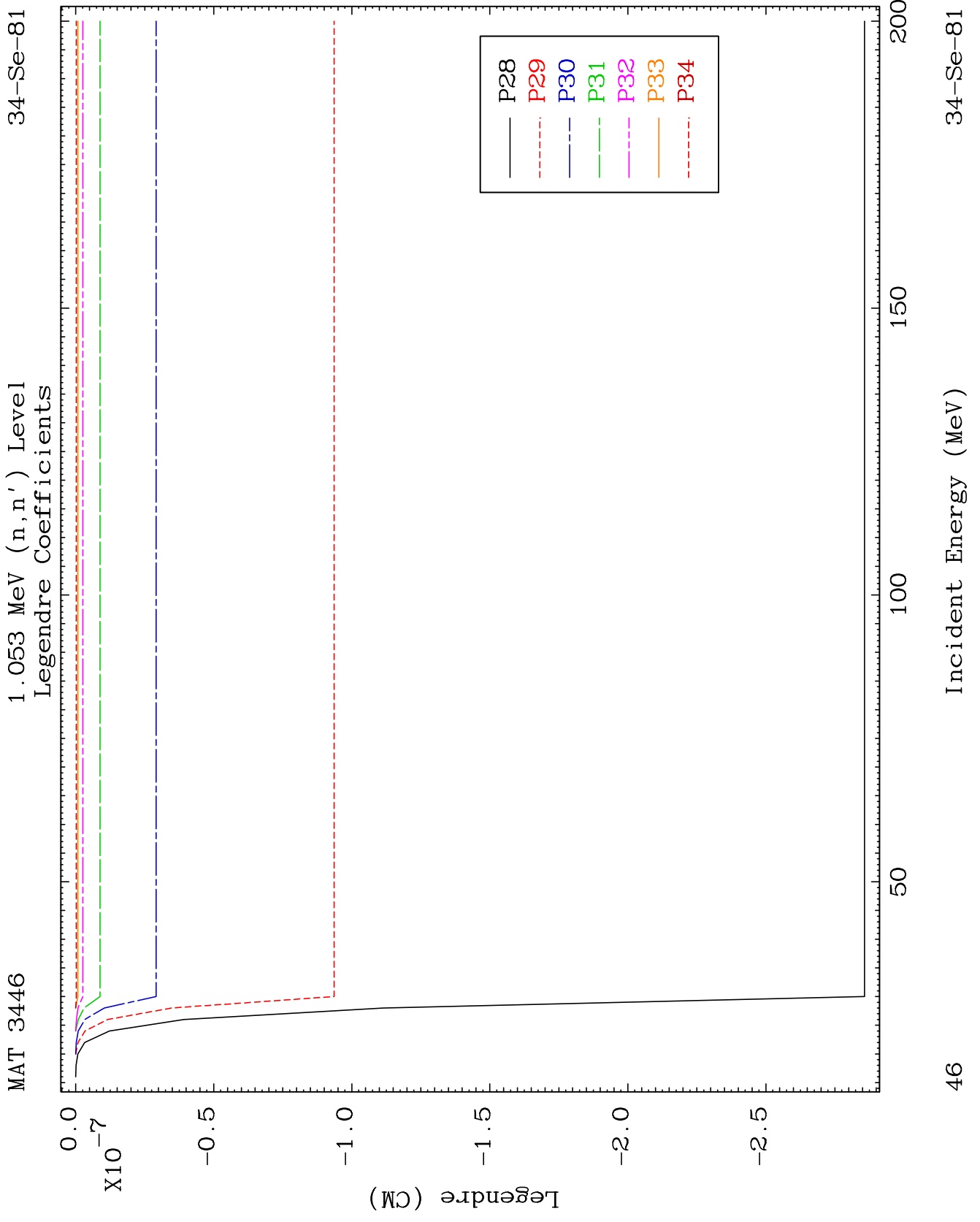


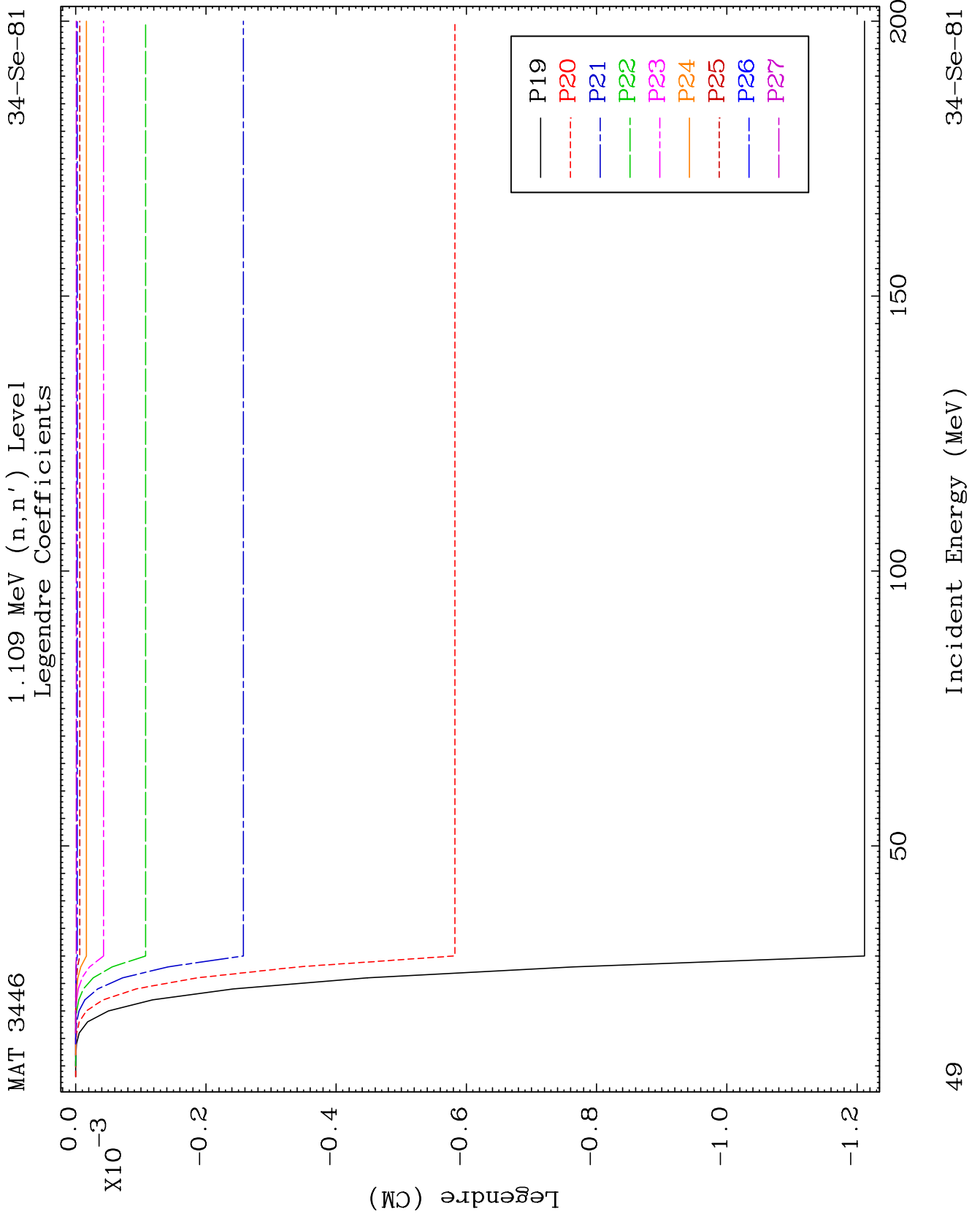


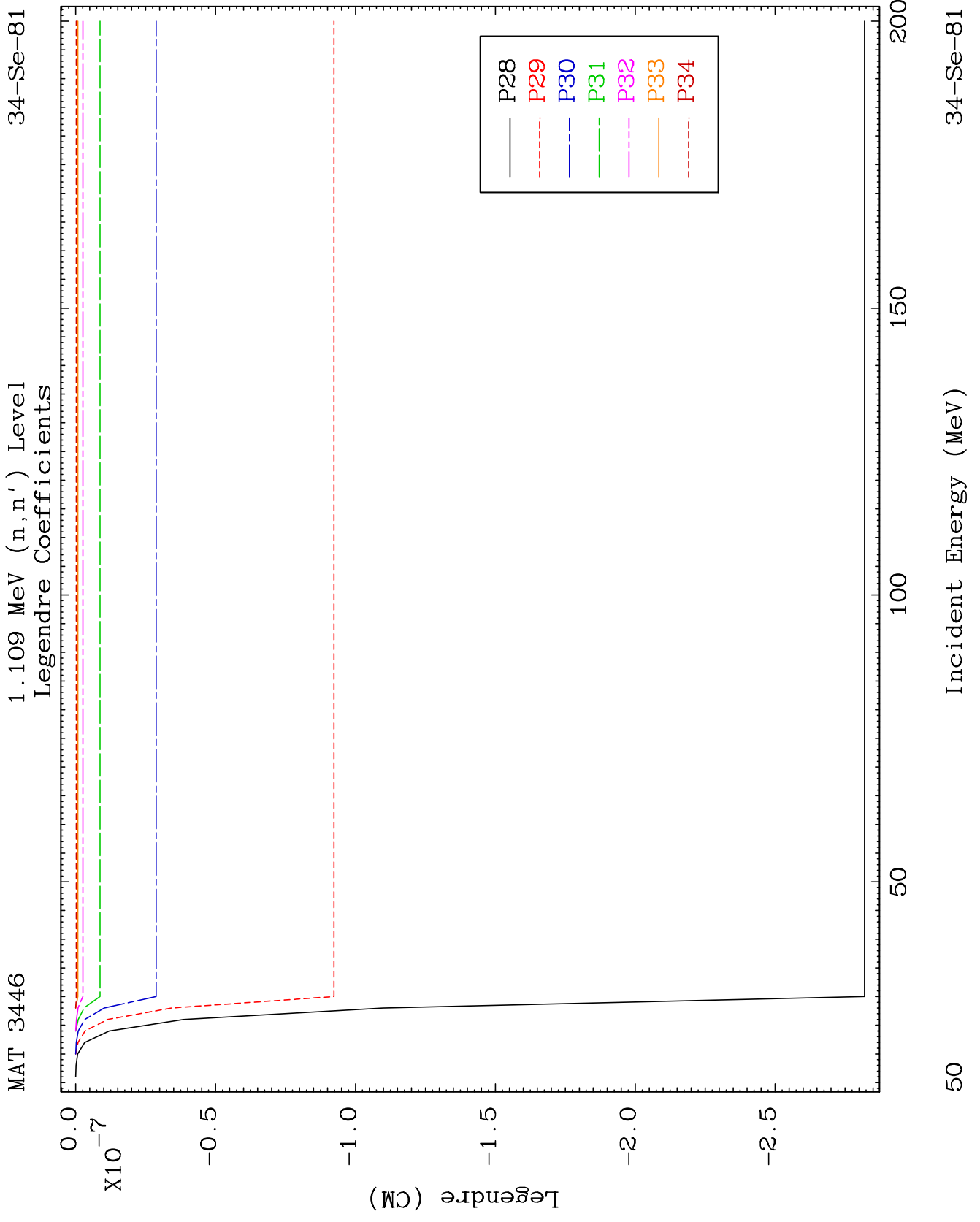


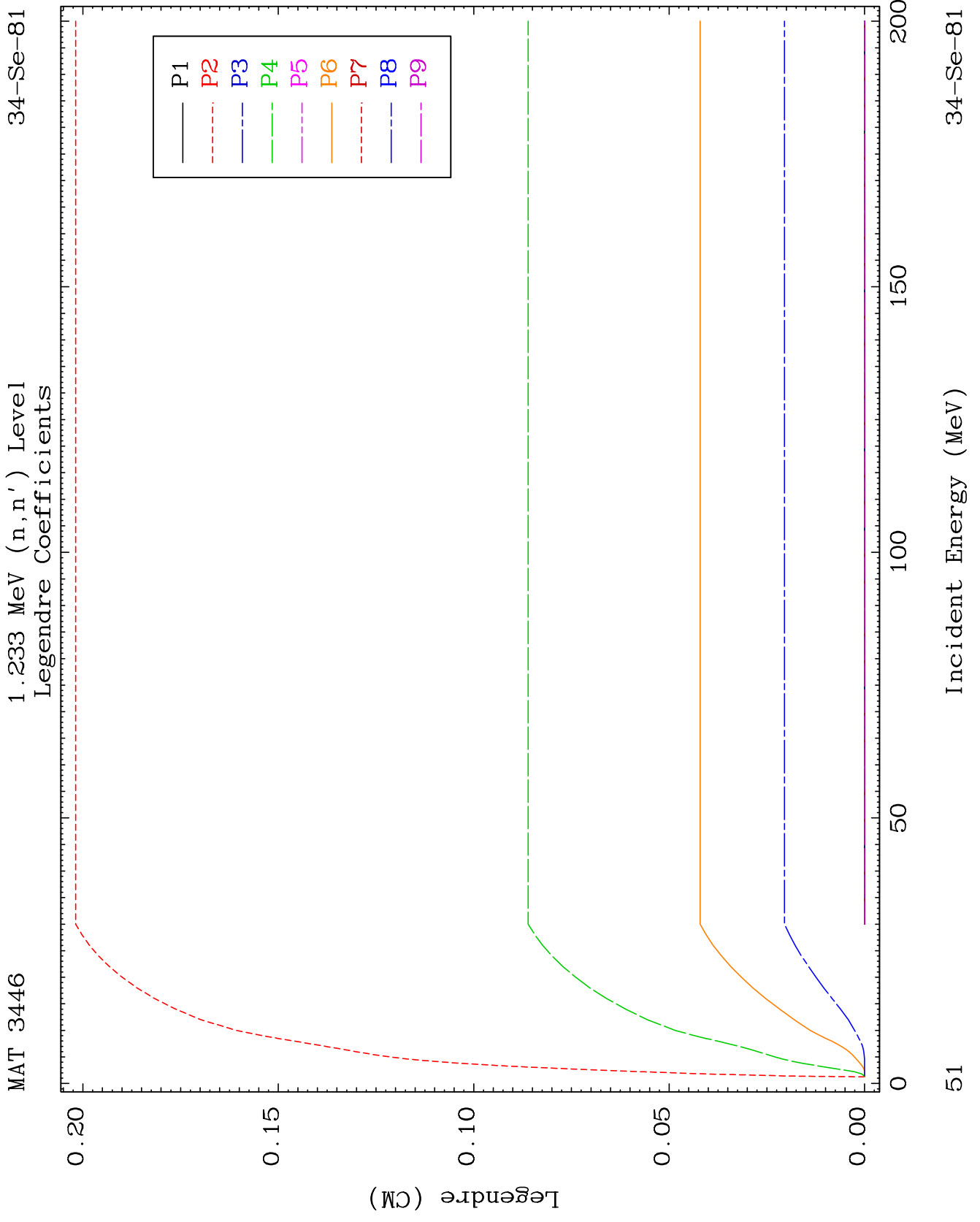








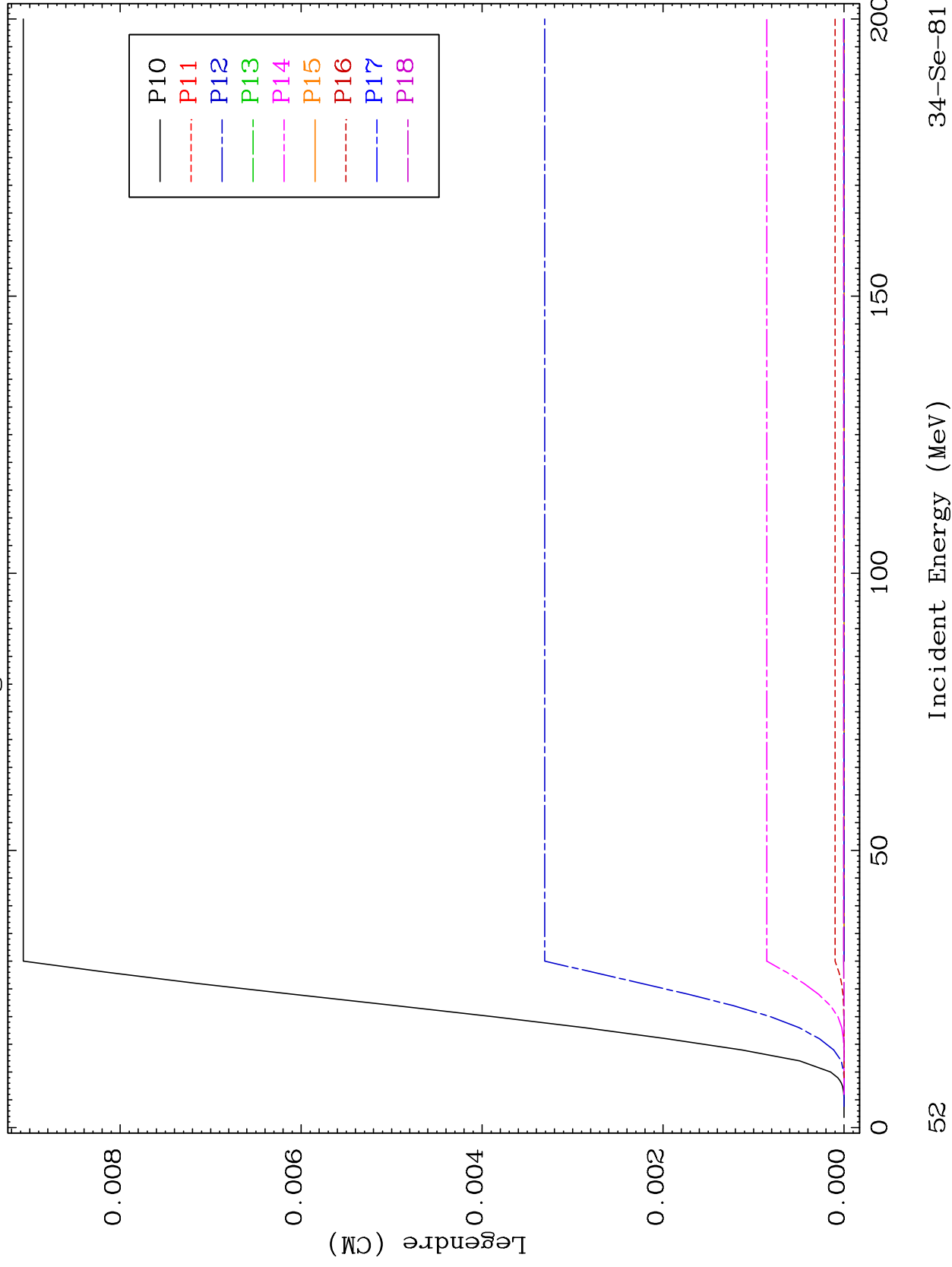




MAT 3446

1.233 MeV (n,n') Level
Legendre Coefficients

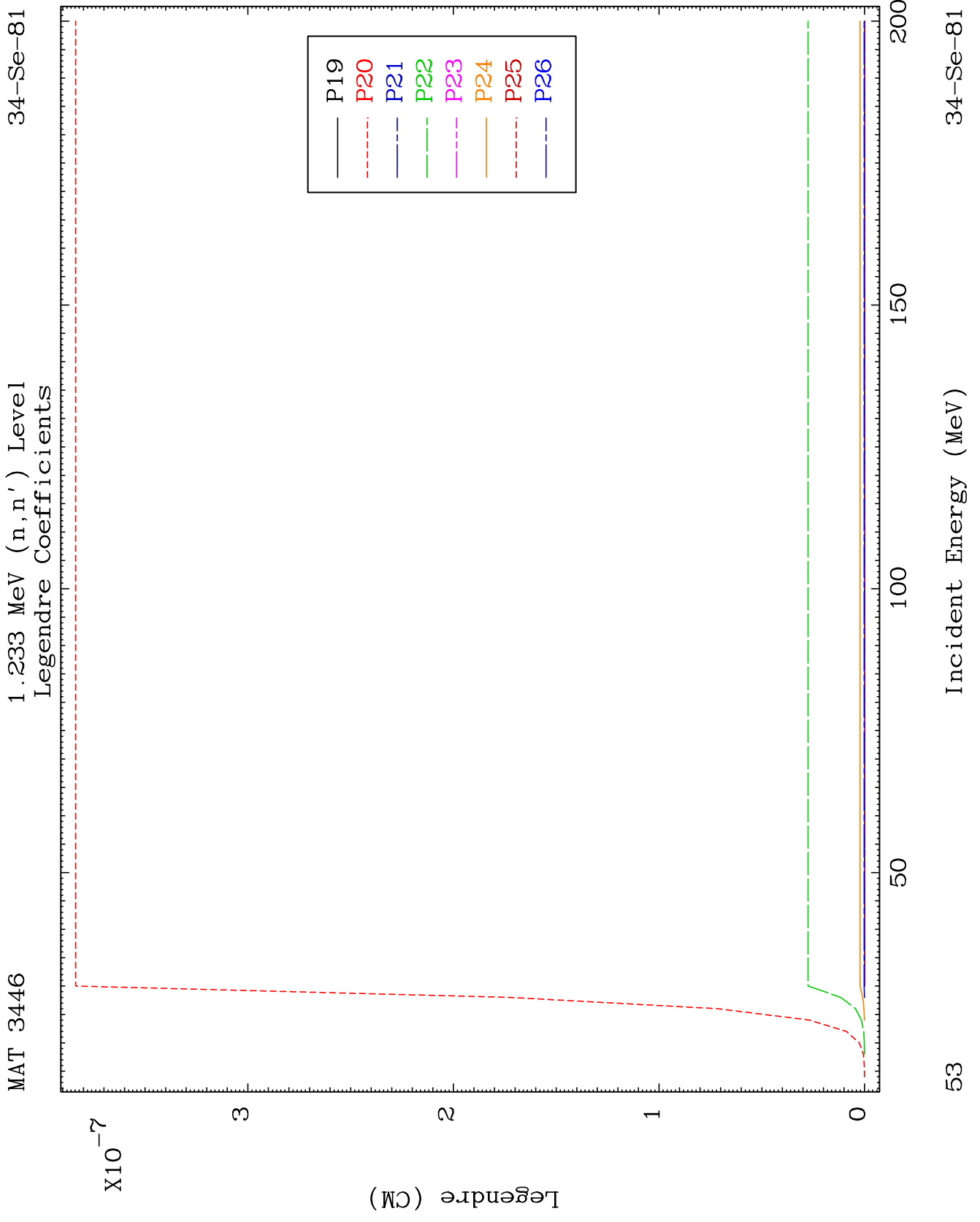
34-Se-81

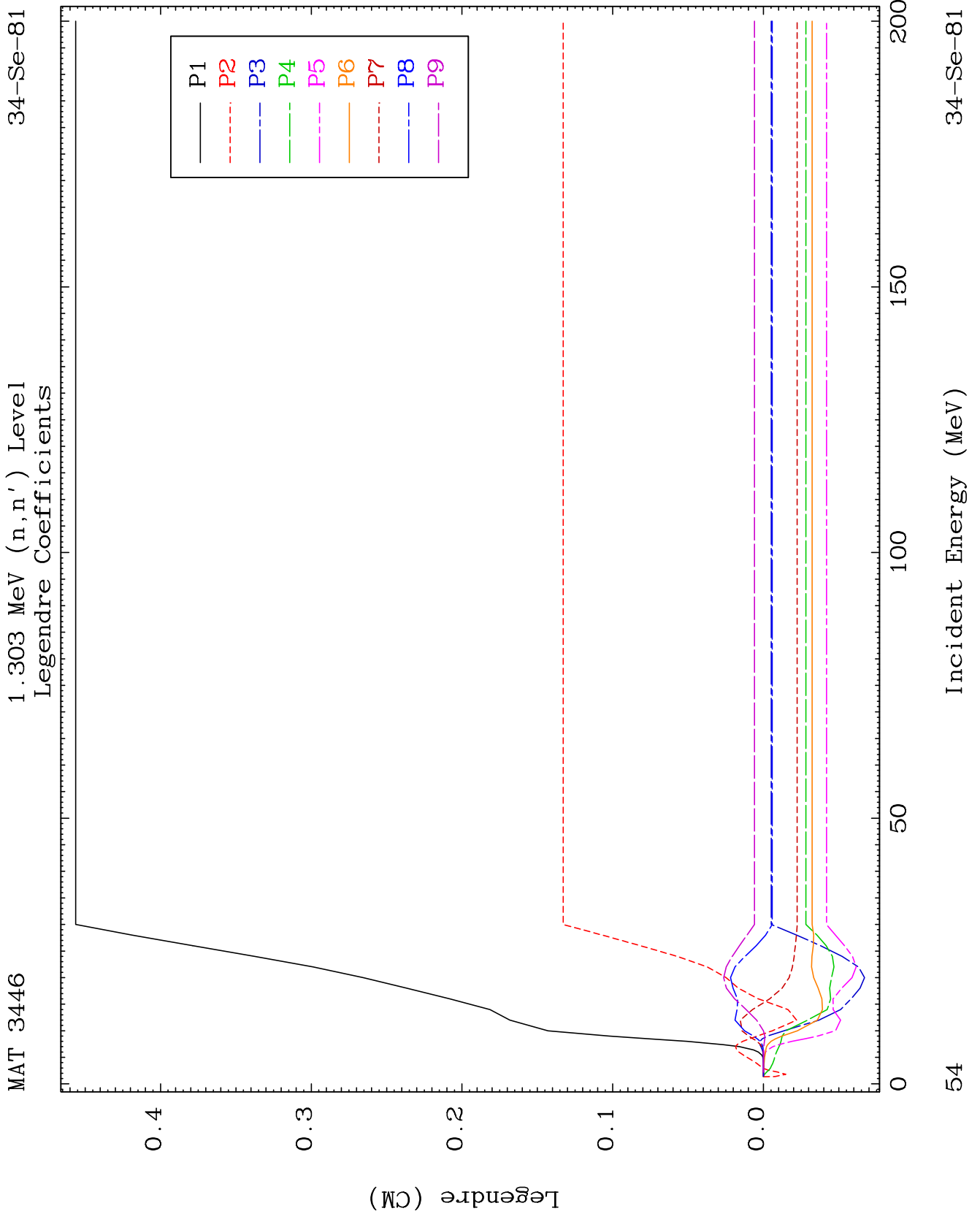


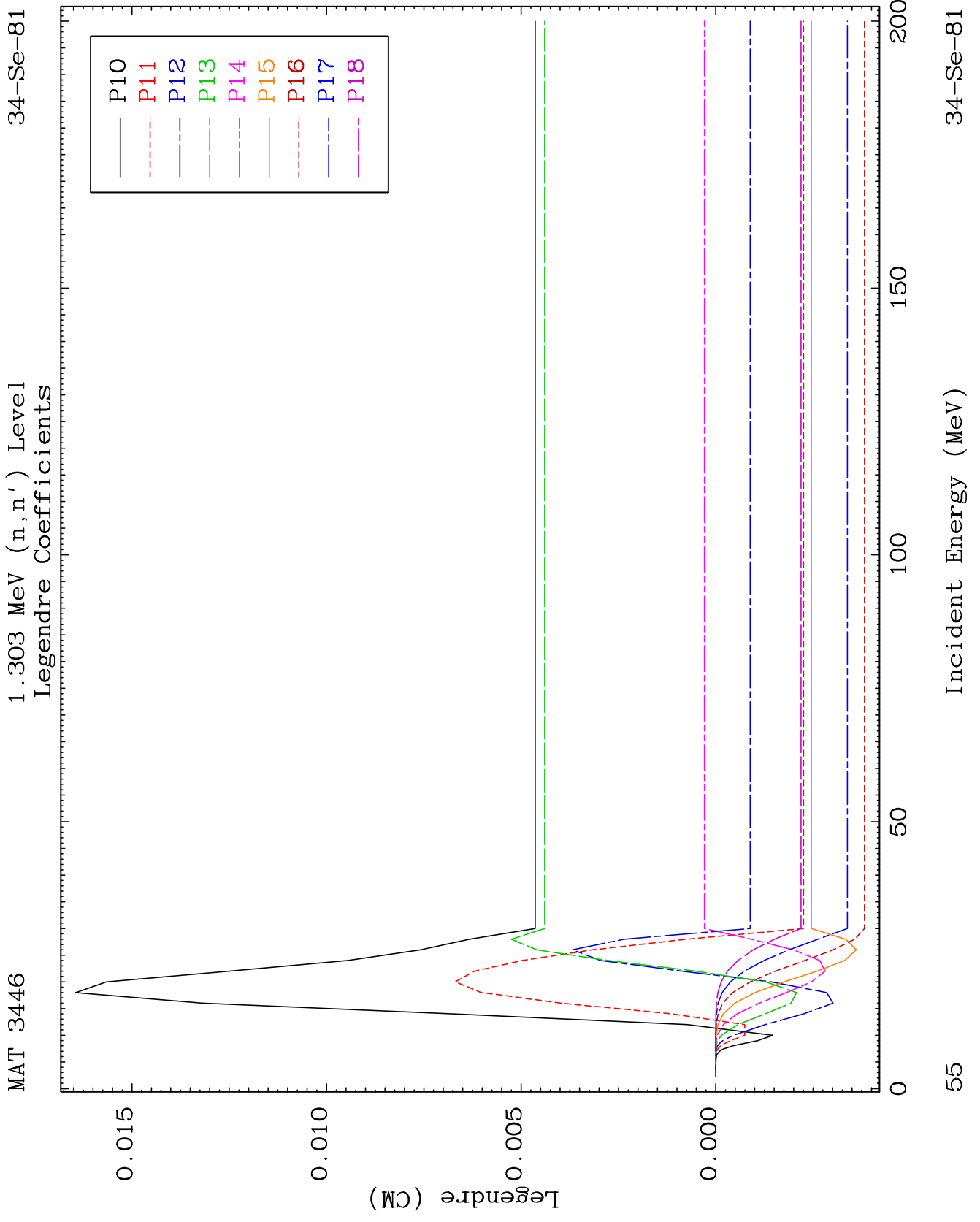
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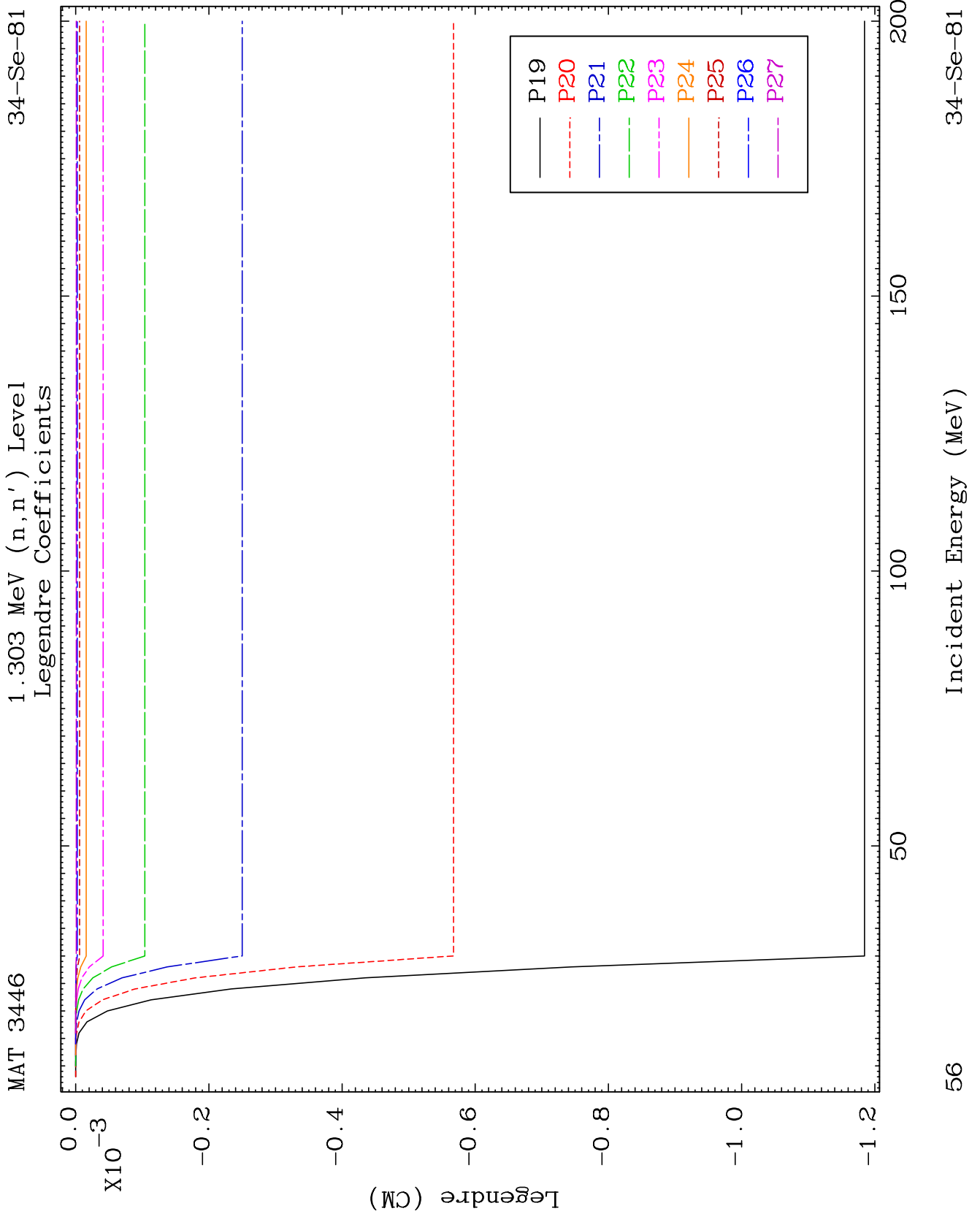
Incident Energy (MeV)

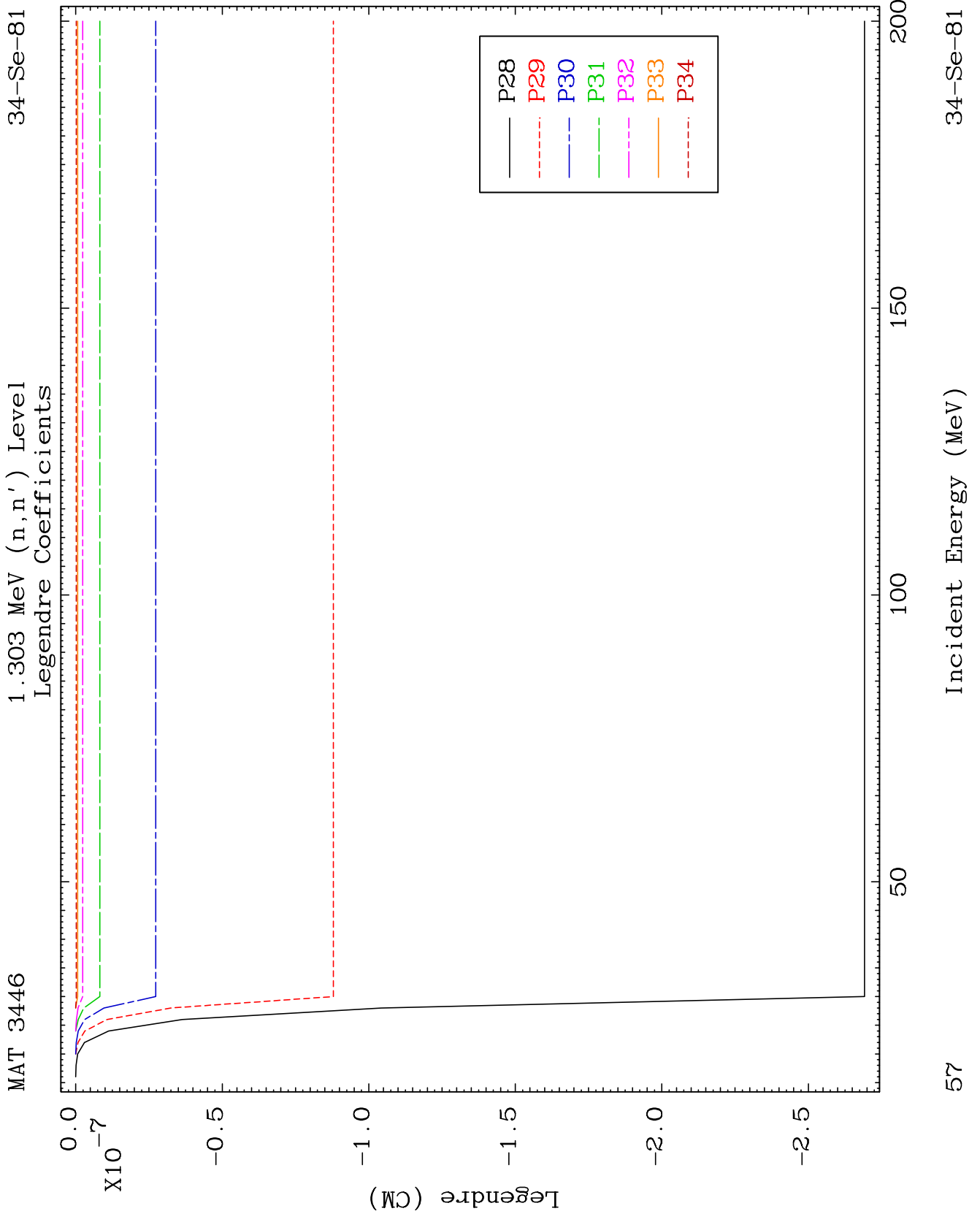
52

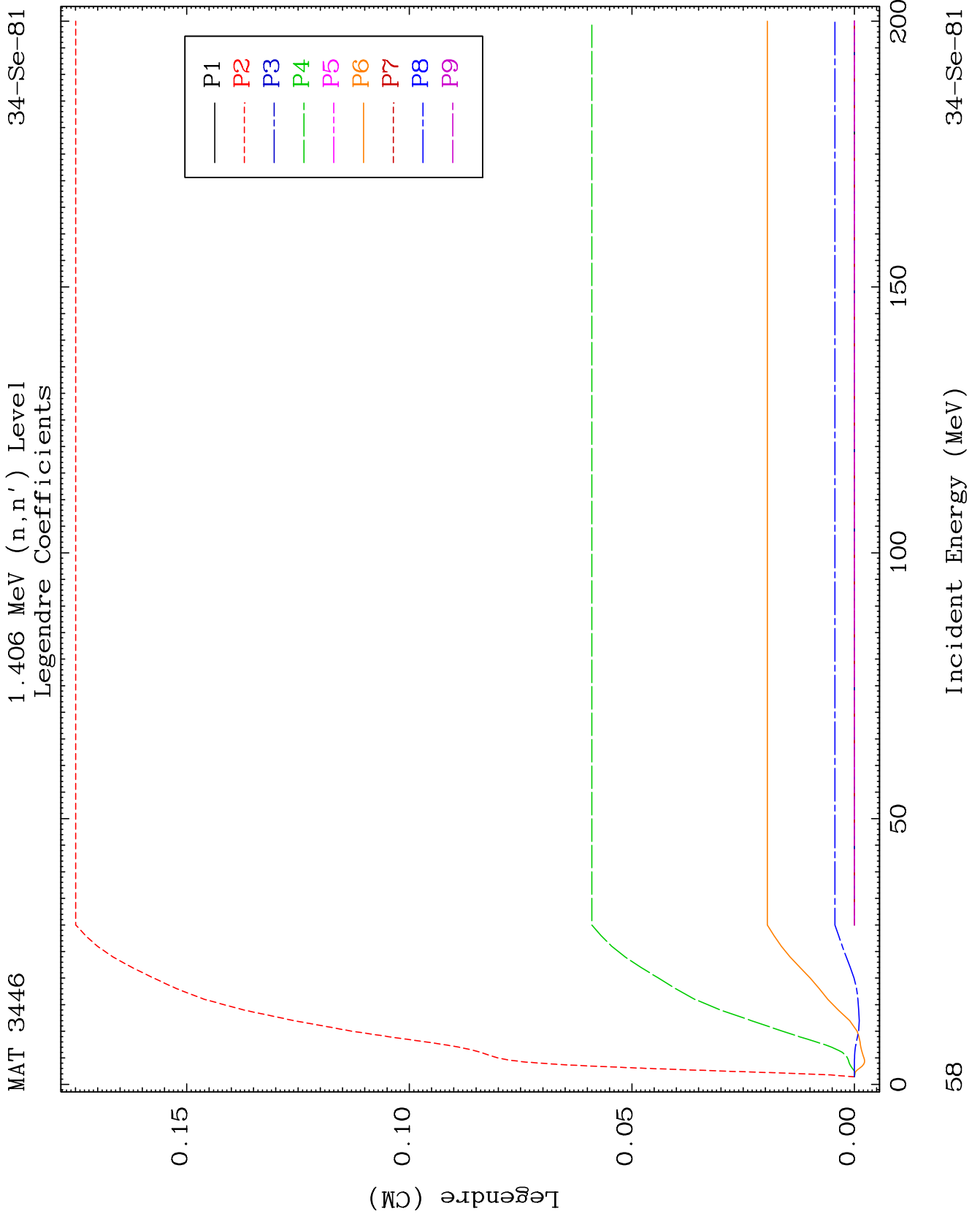


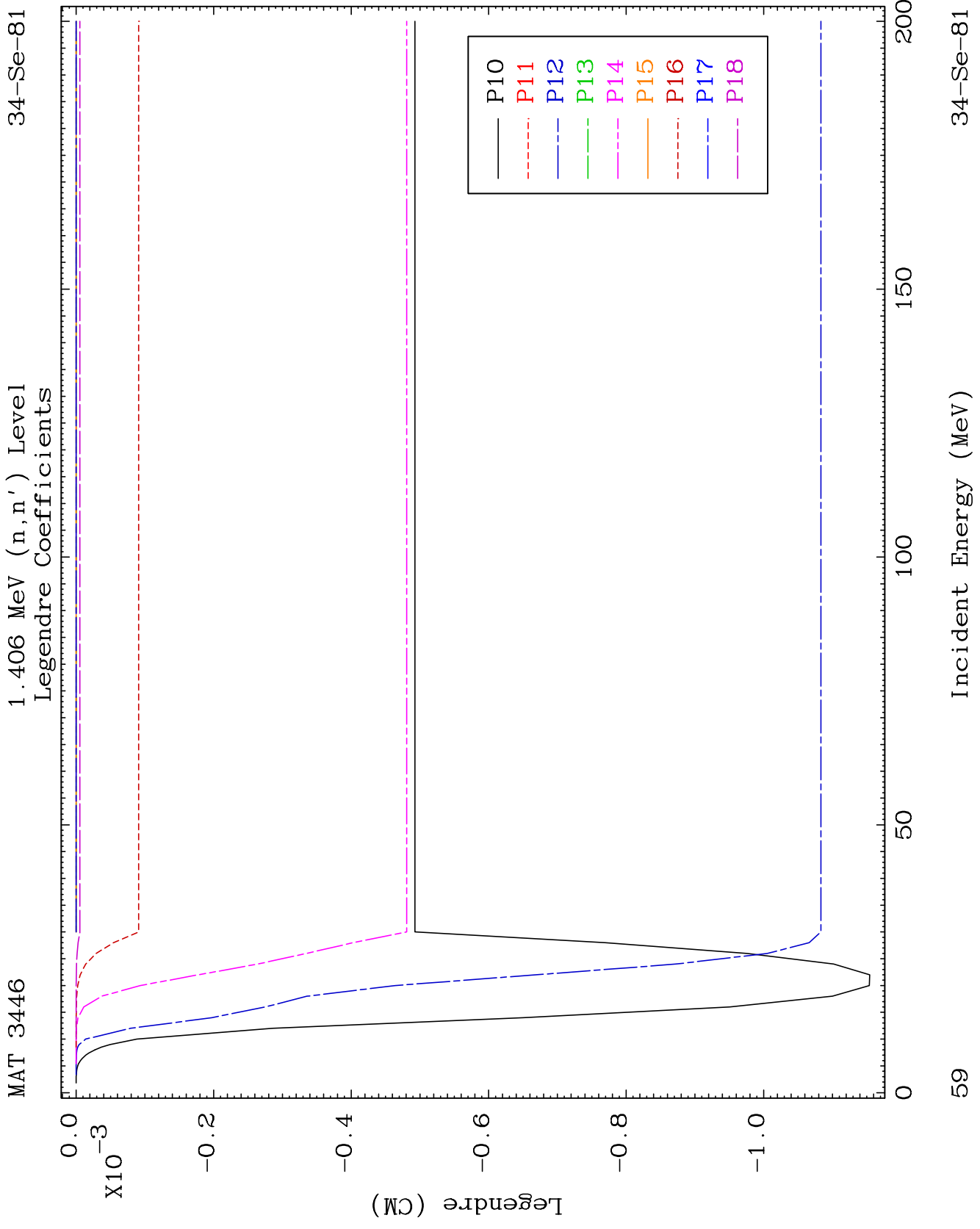


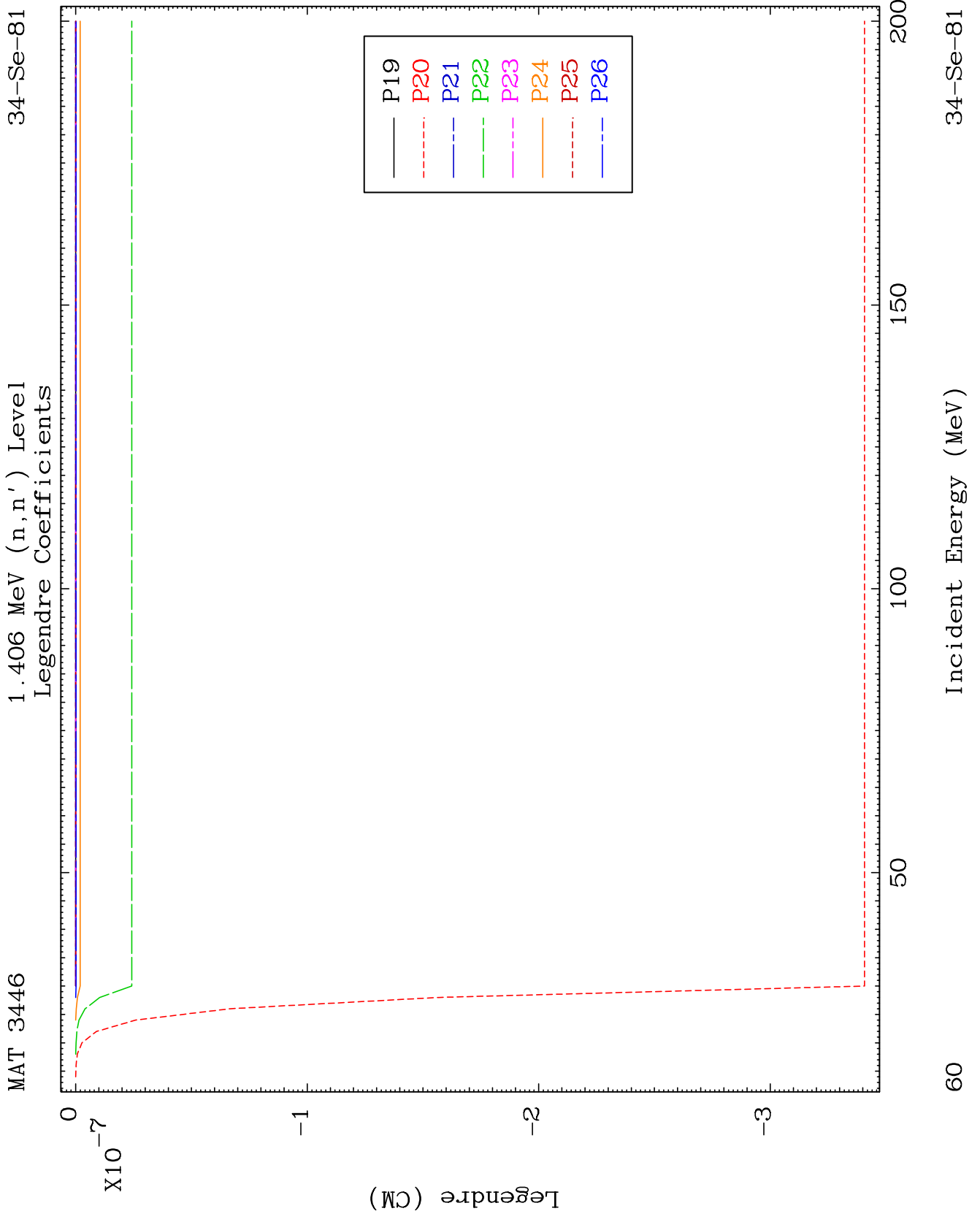


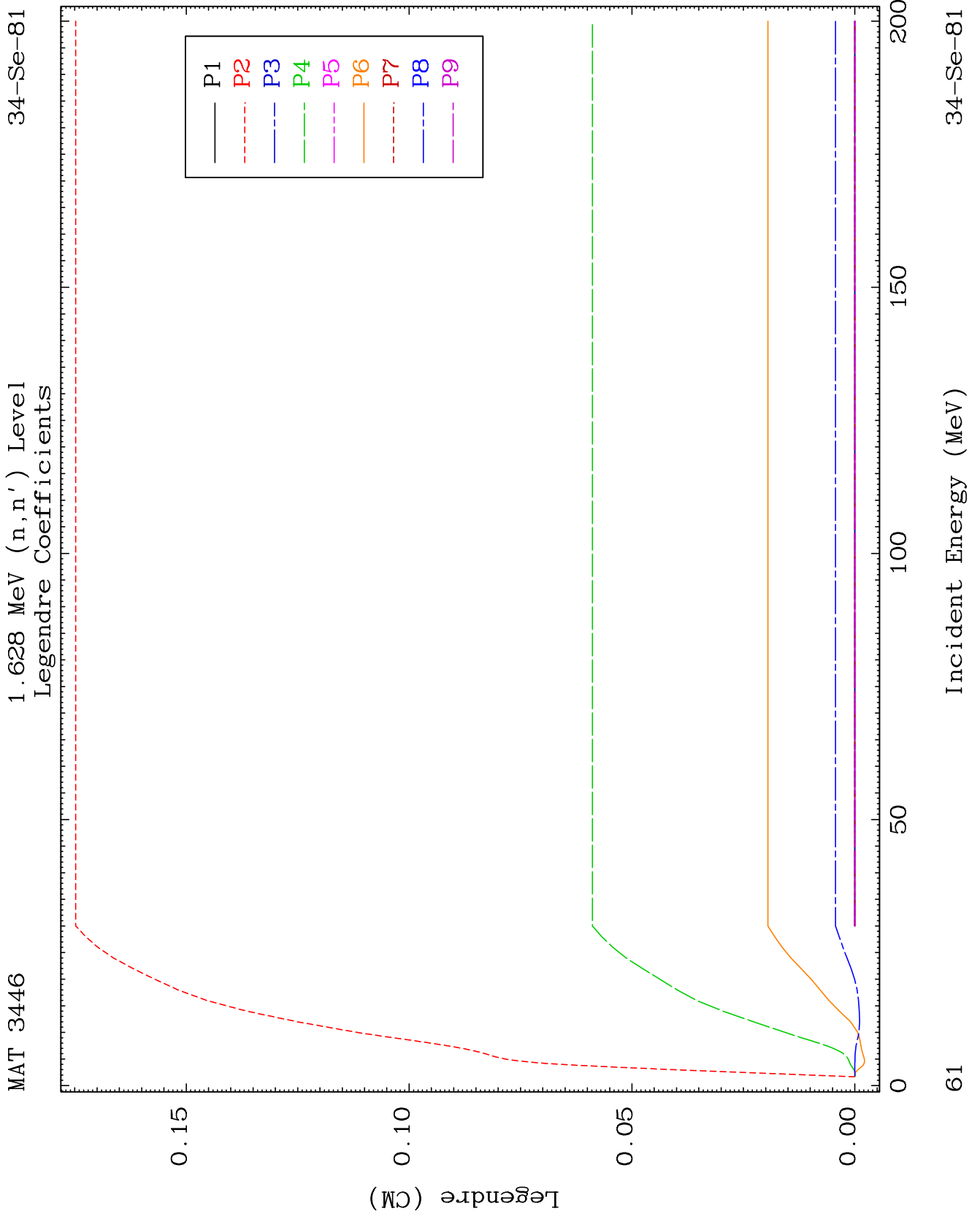


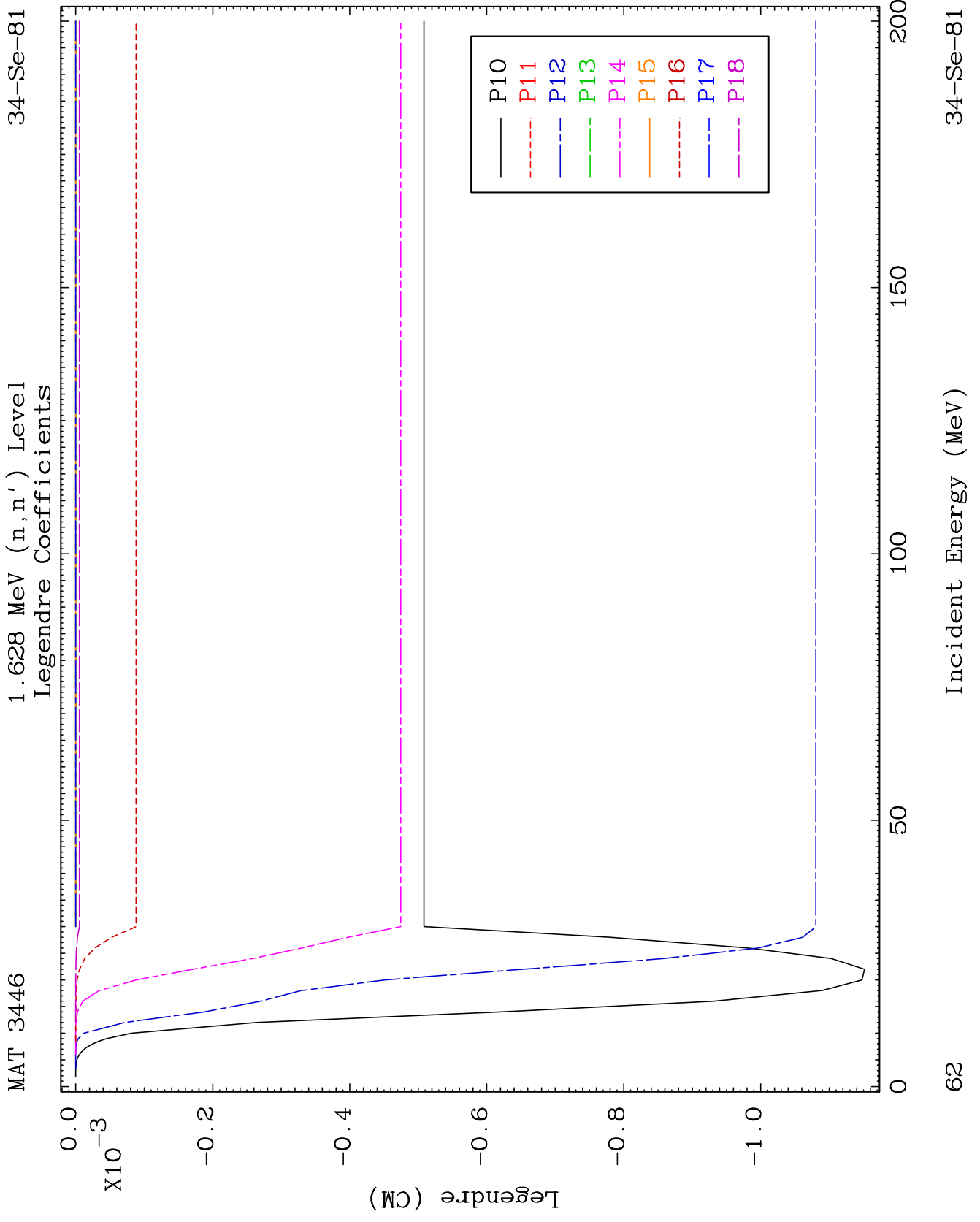


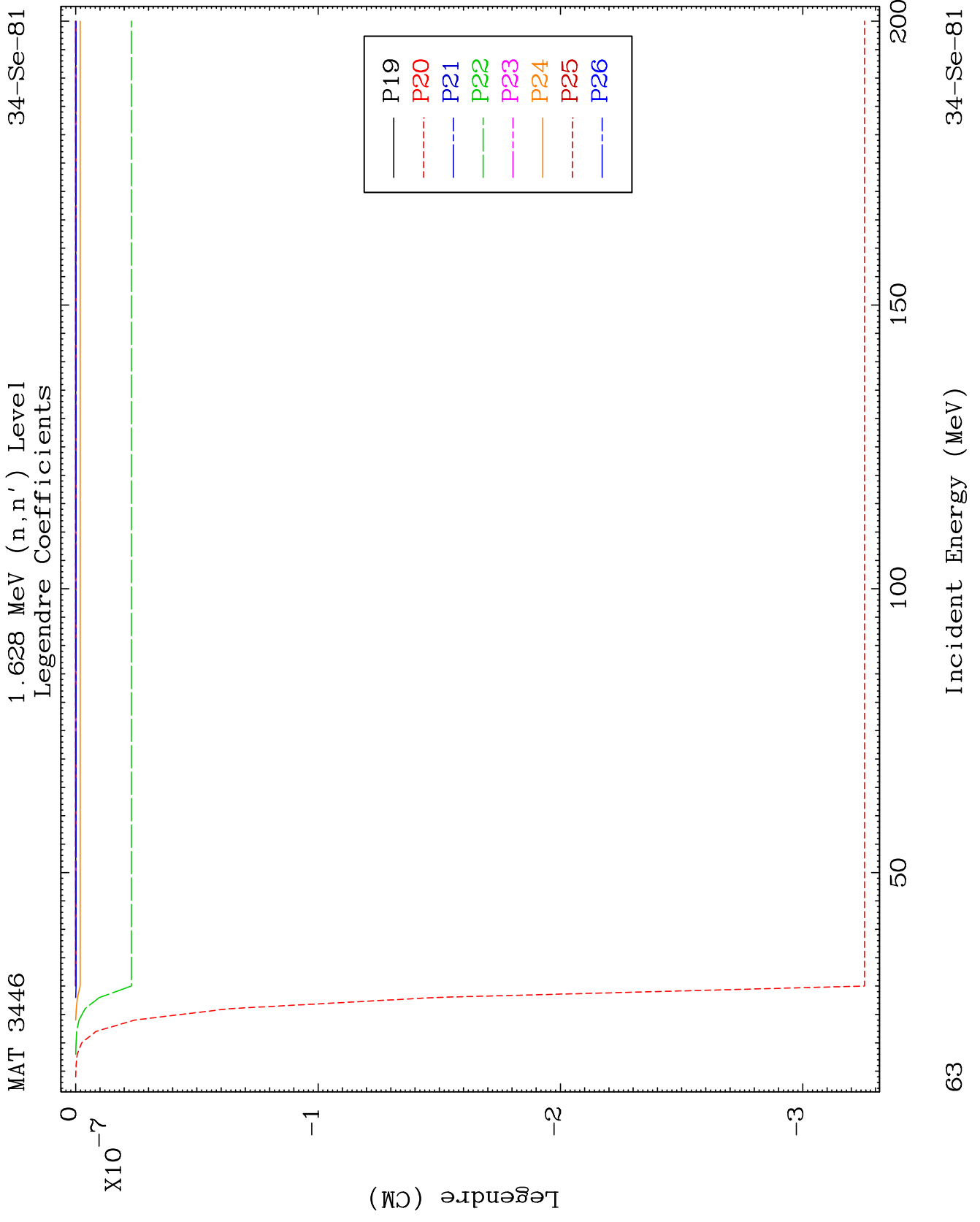


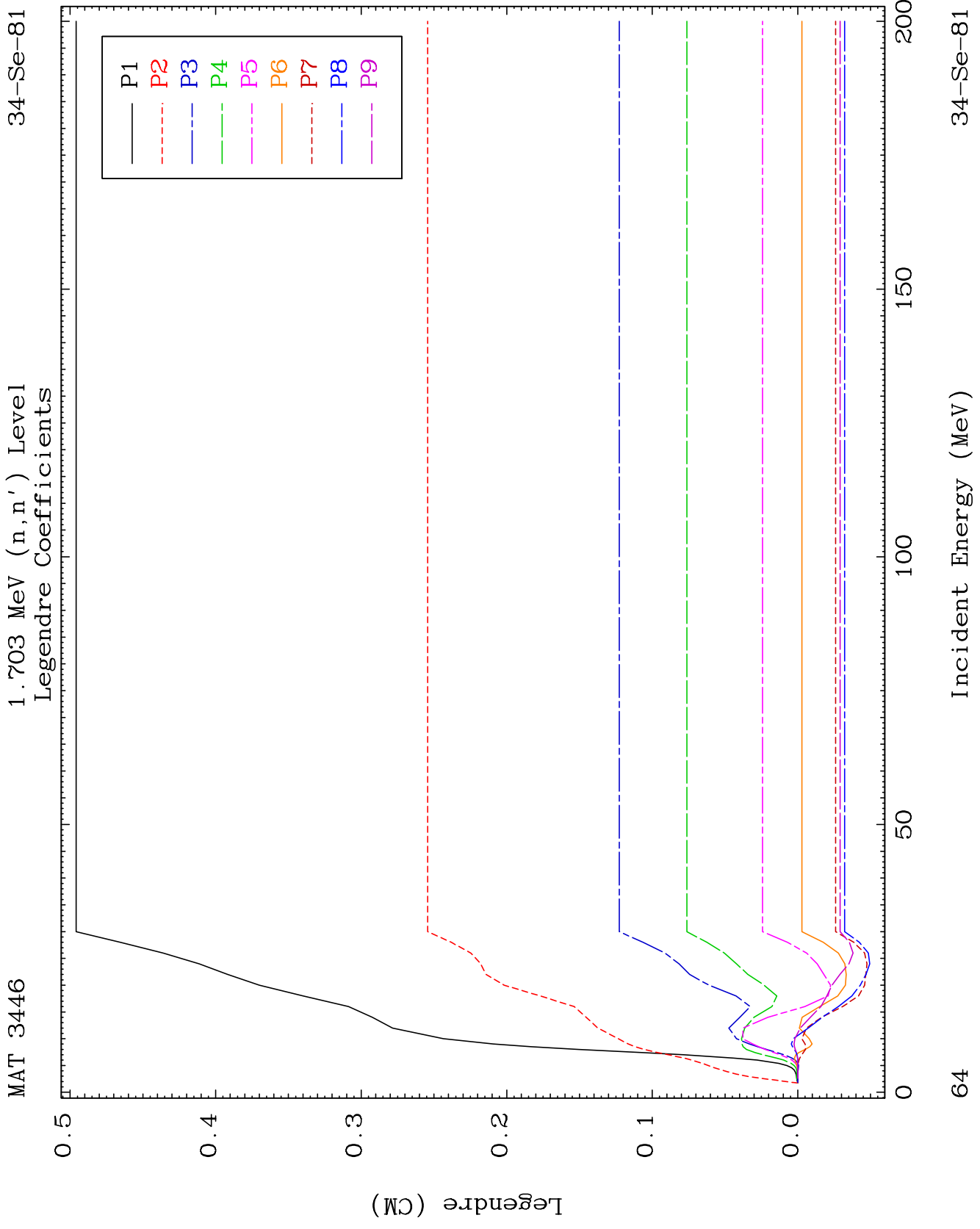








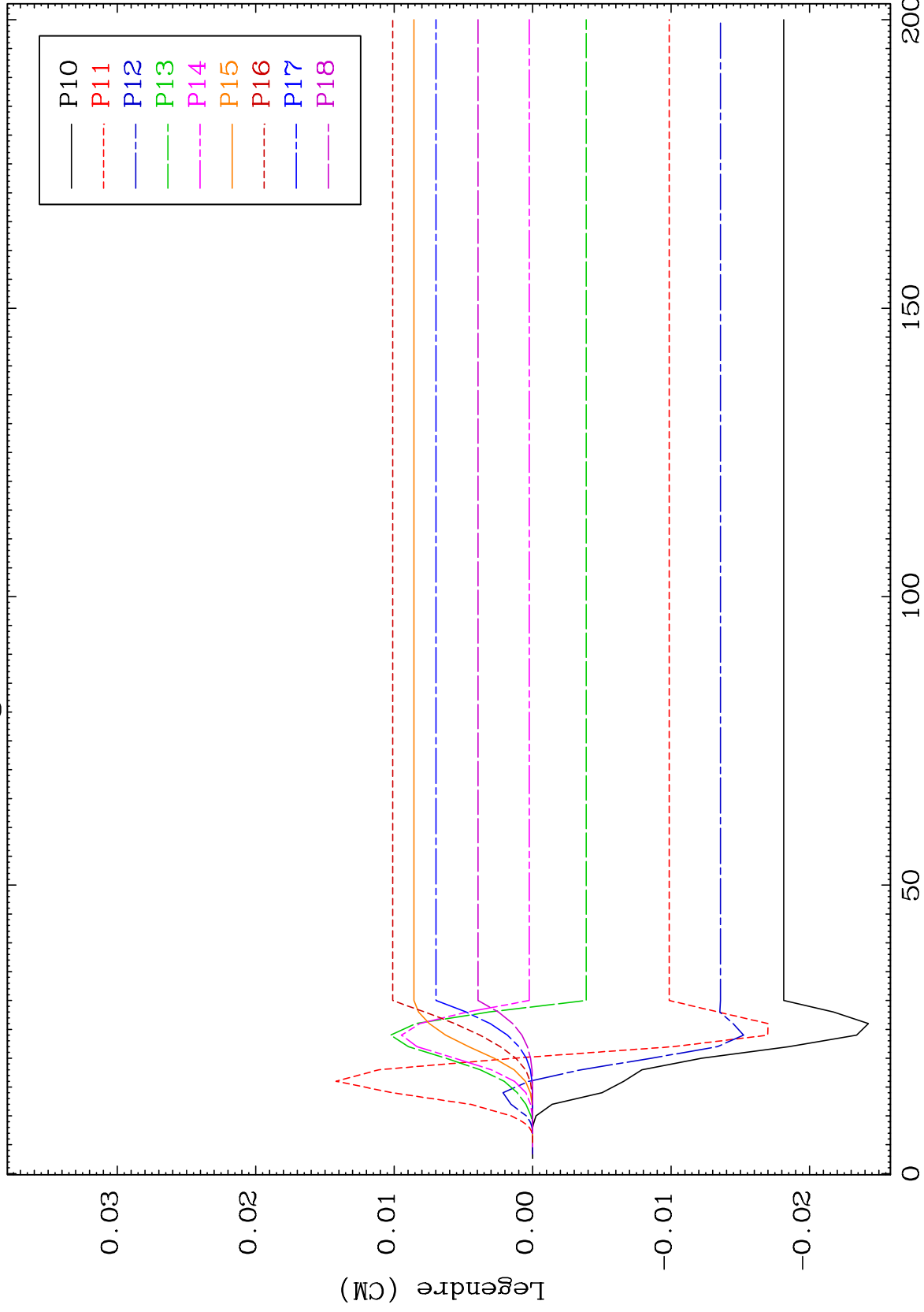




MAT 3446

1.703 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



65

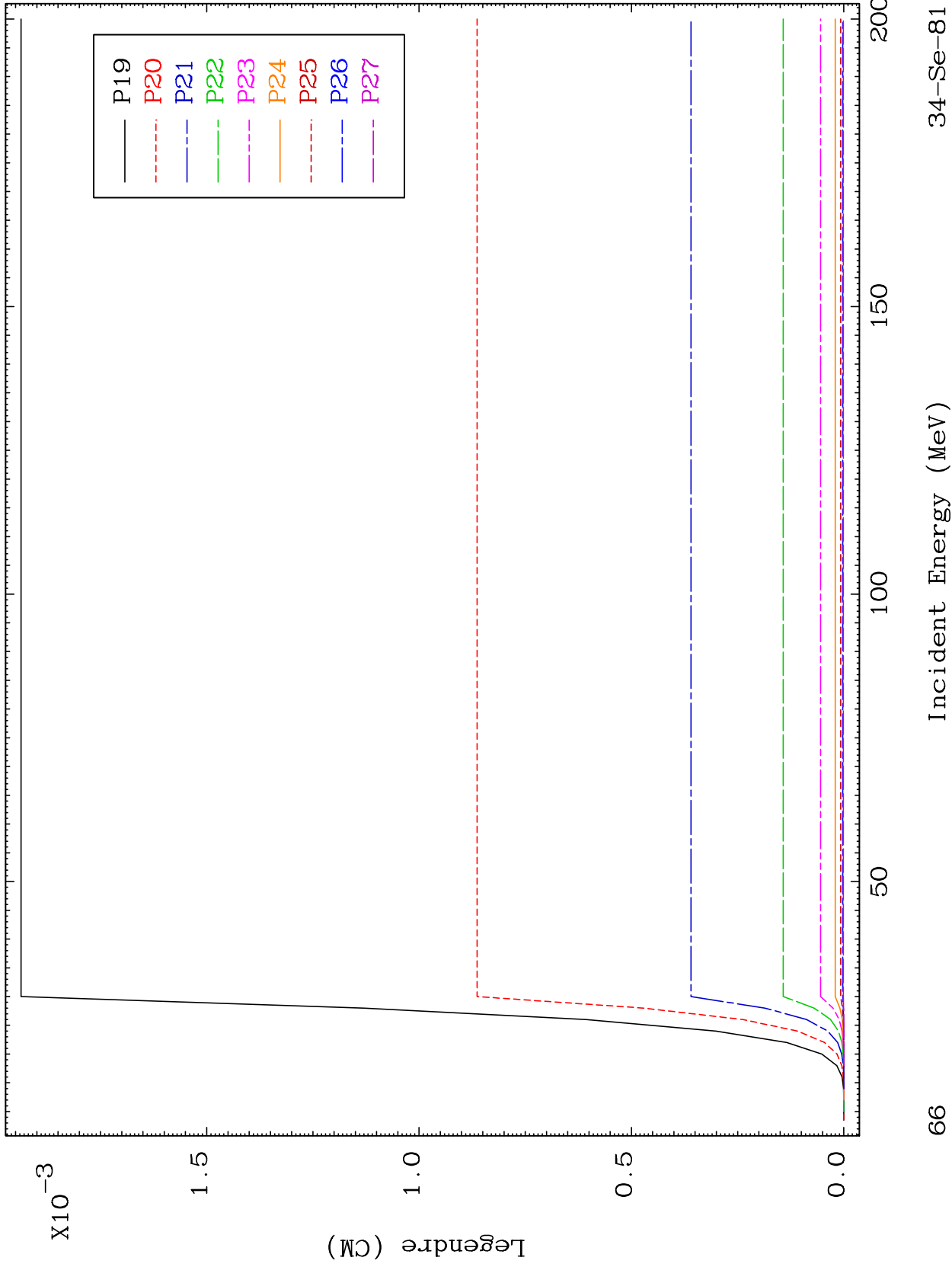
Incident Energy (MeV)

³⁴Se-81

MAT 3446

1.703 MeV (n,n') Level
Legendre Coefficients

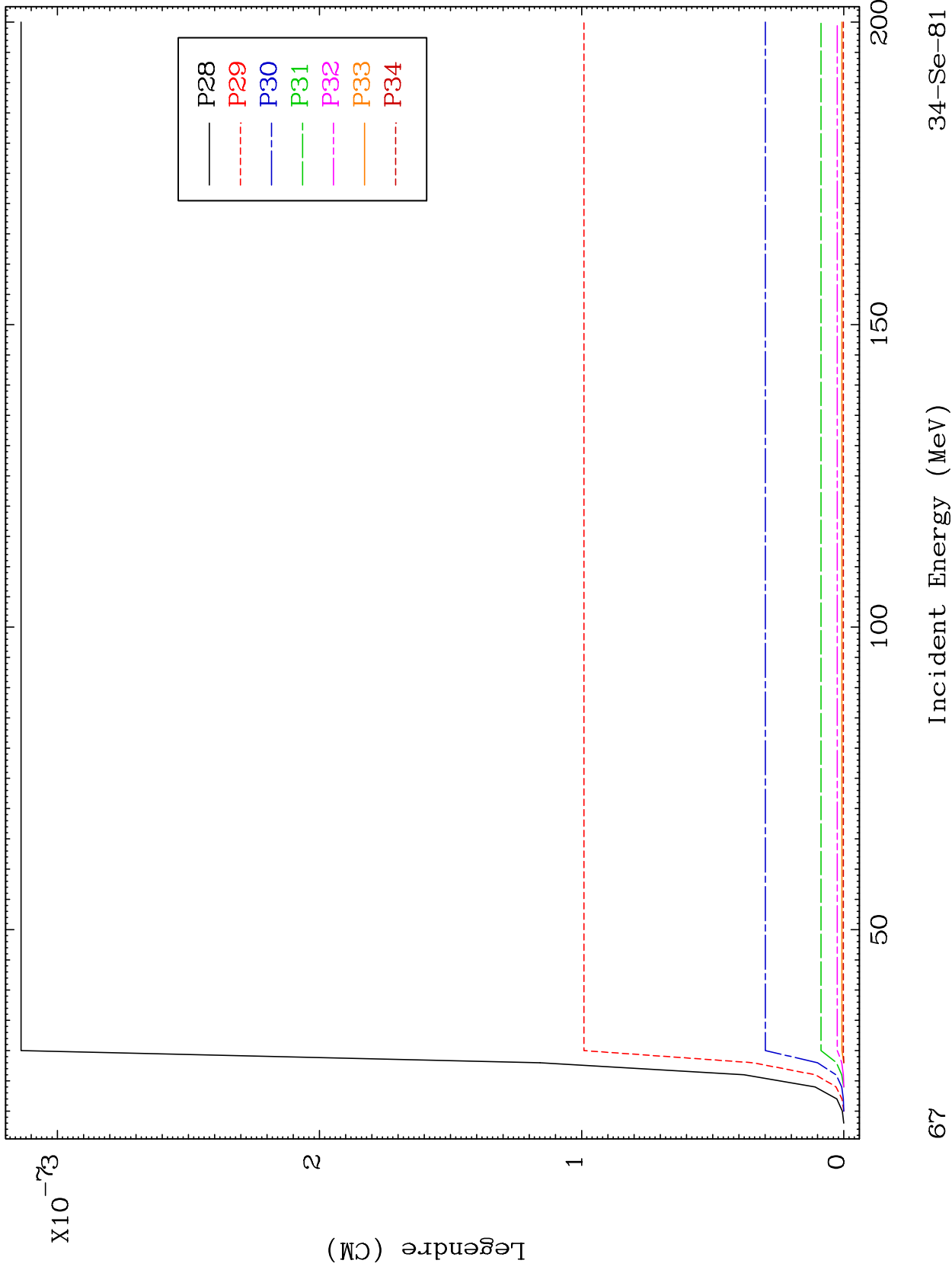
34-Se-81



MAT 3446

1.703 MeV (n,n') Level
Legendre Coefficients

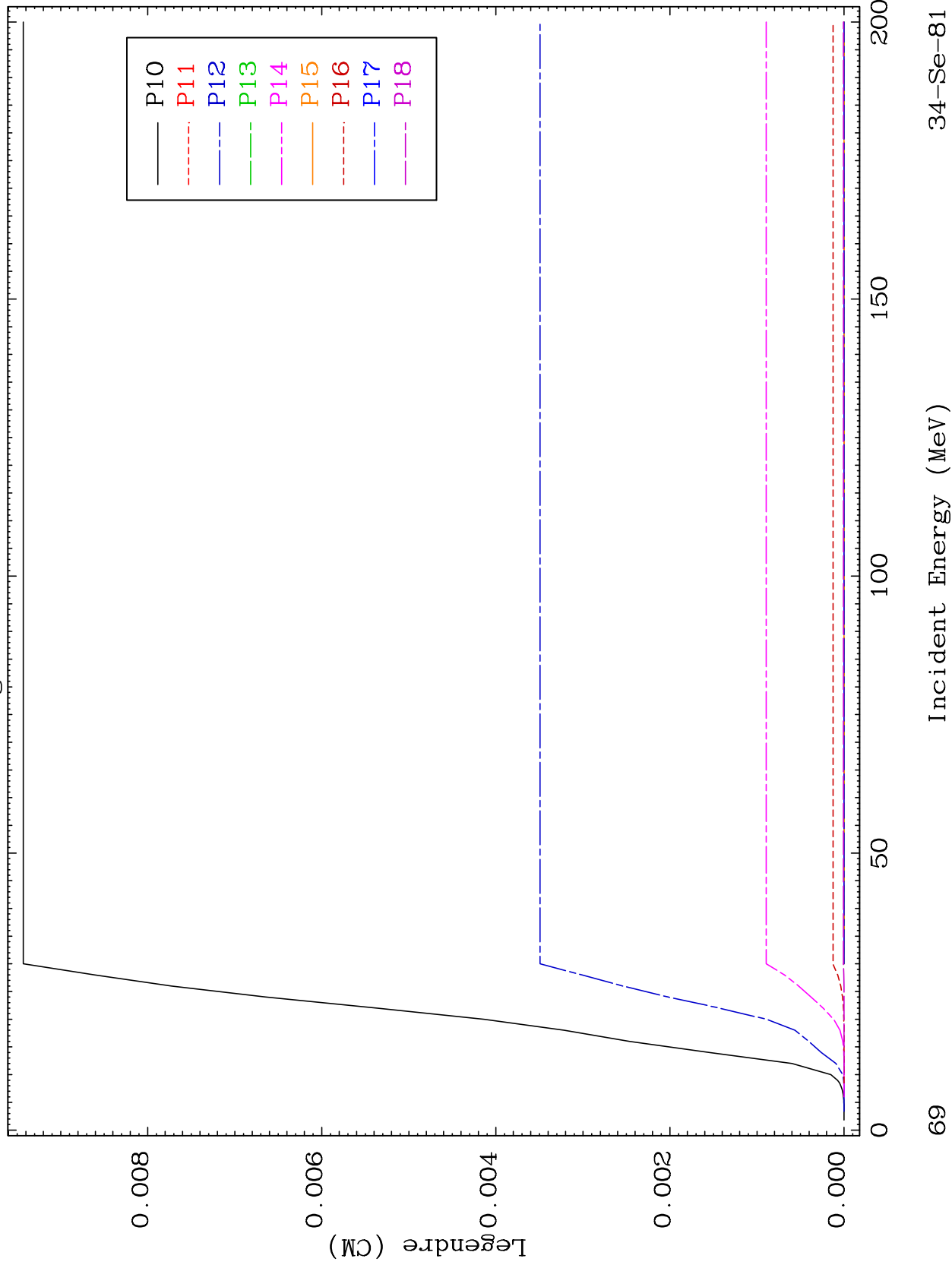
34-Se-81



MAT 3446

1.711 MeV (n,n') Level
Legendre Coefficients

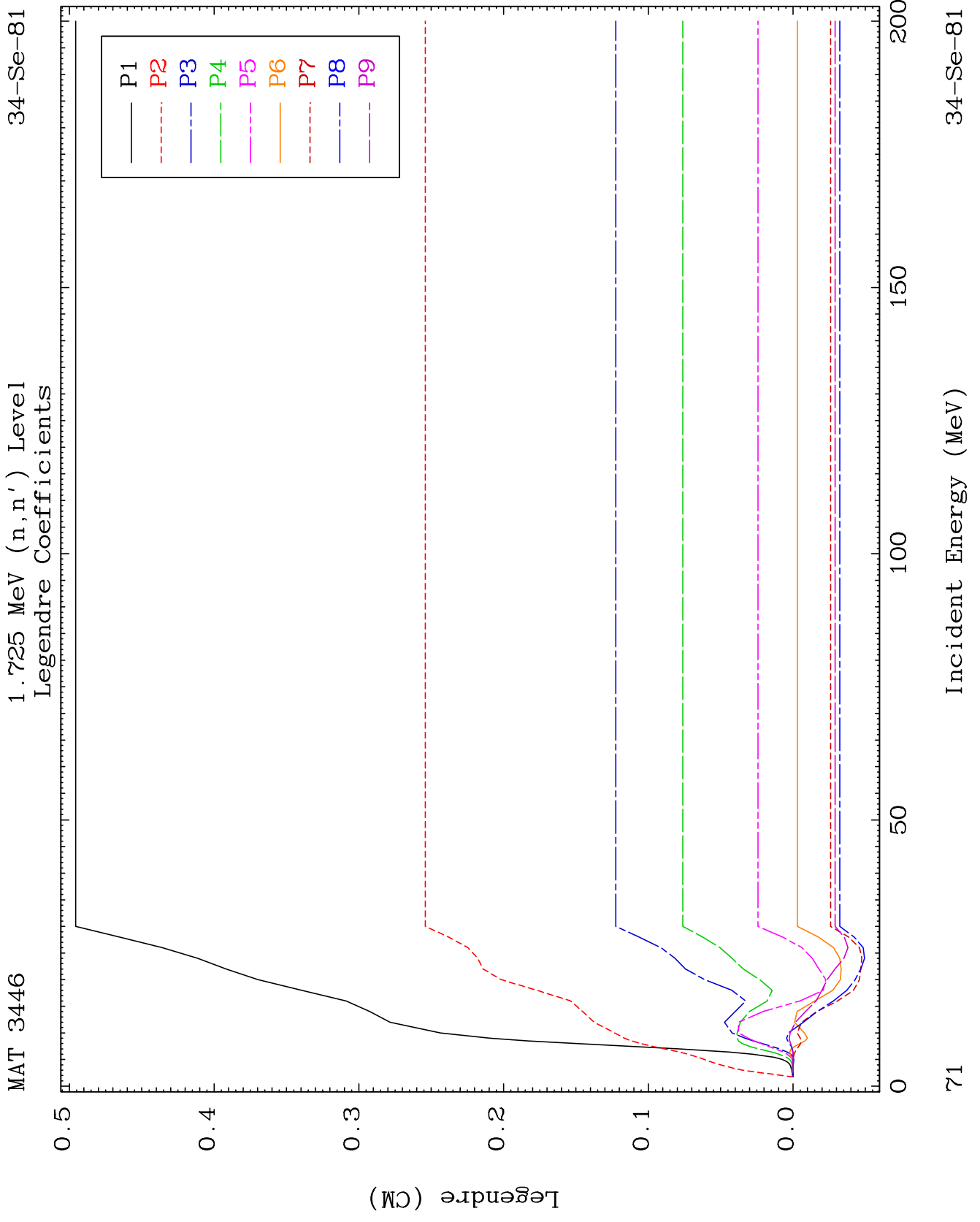
34-Se-81



34-Se-81

Incident Energy (MeV)

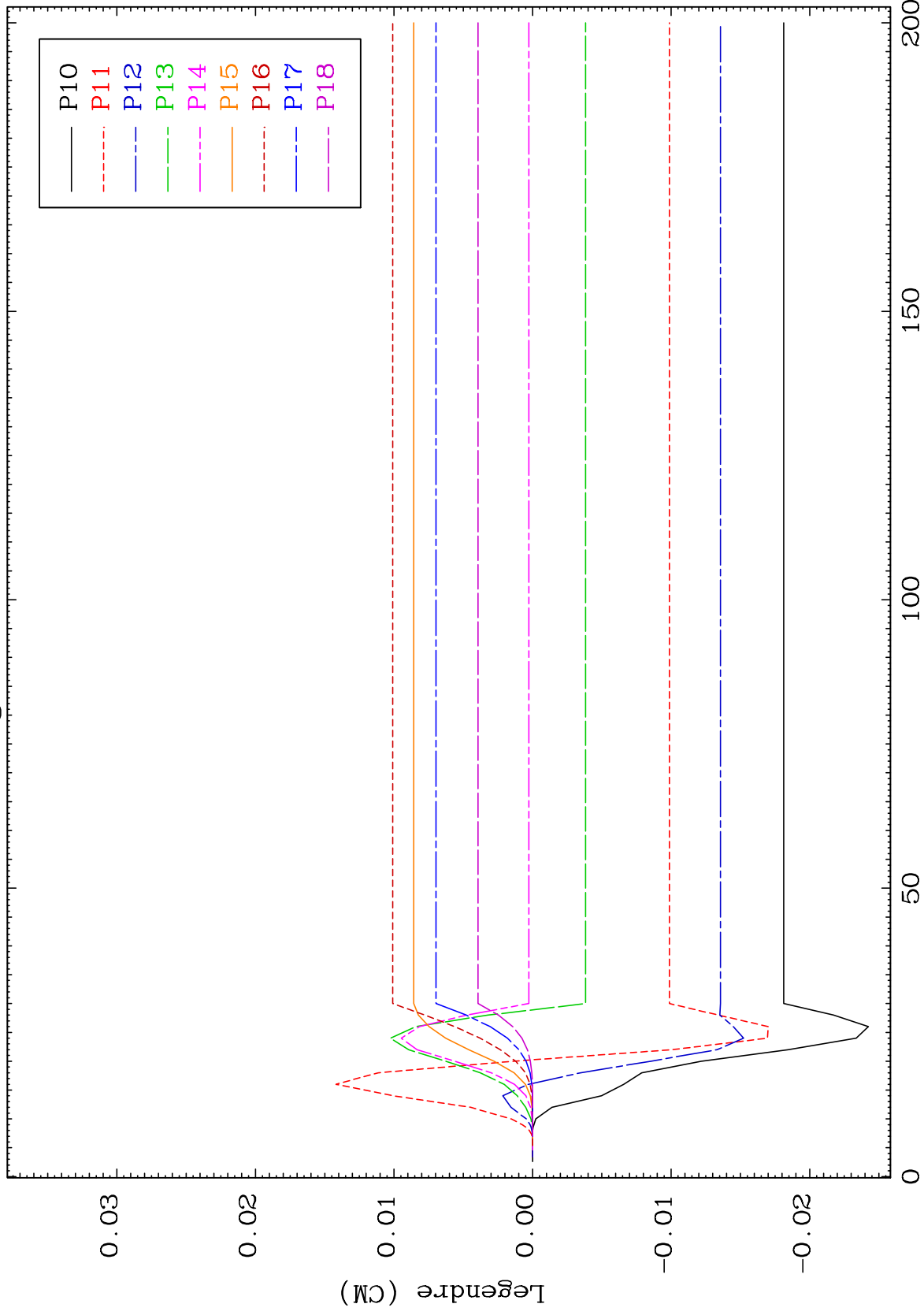
69



MAT 3446

1.725 MeV (n,n') Level
Legendre Coefficients

34-Se-81



72

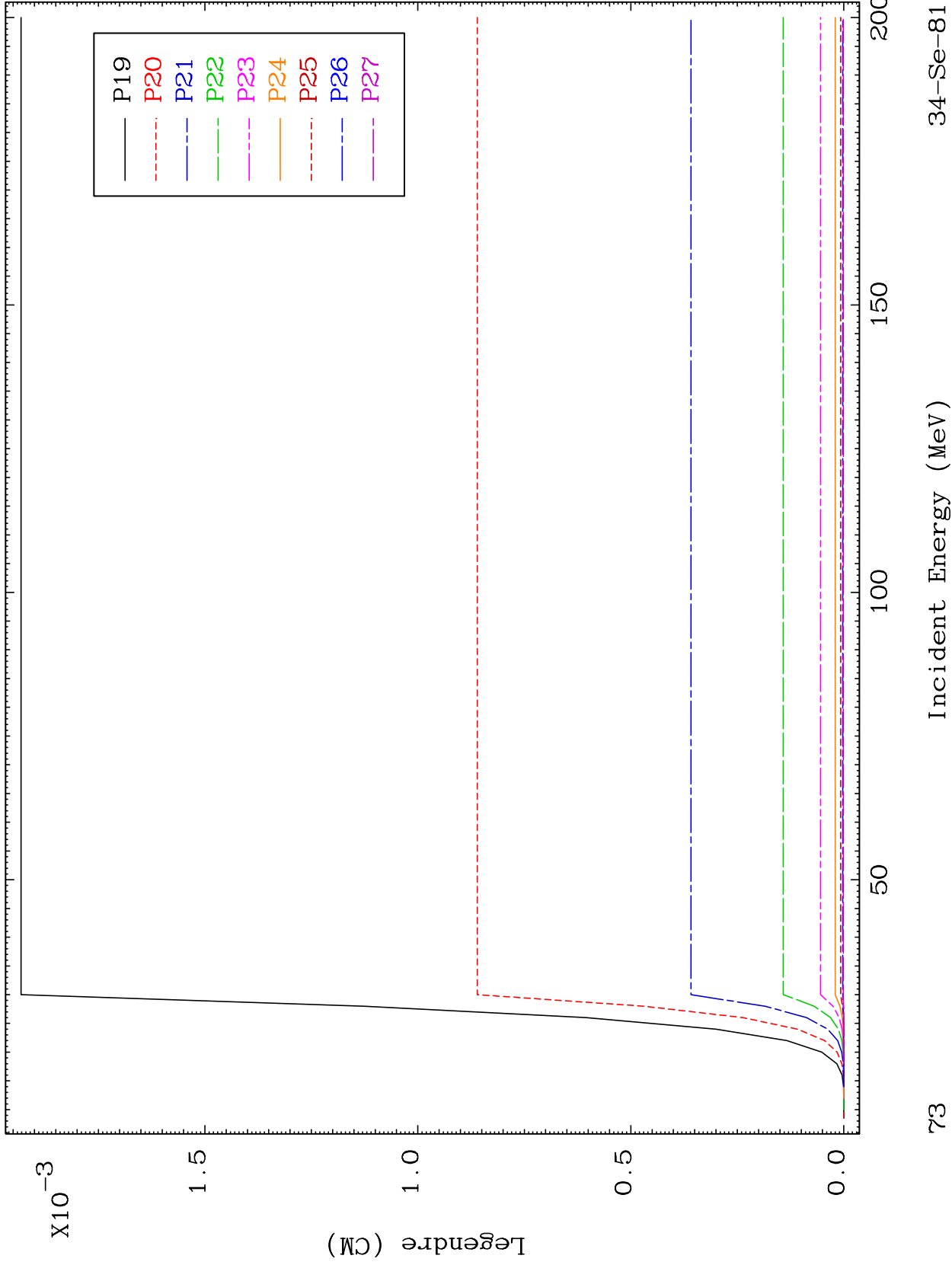
Incident Energy (MeV)

34-Se-81

MAT 3446

1.725 MeV (n,n') Level
Legendre Coefficients

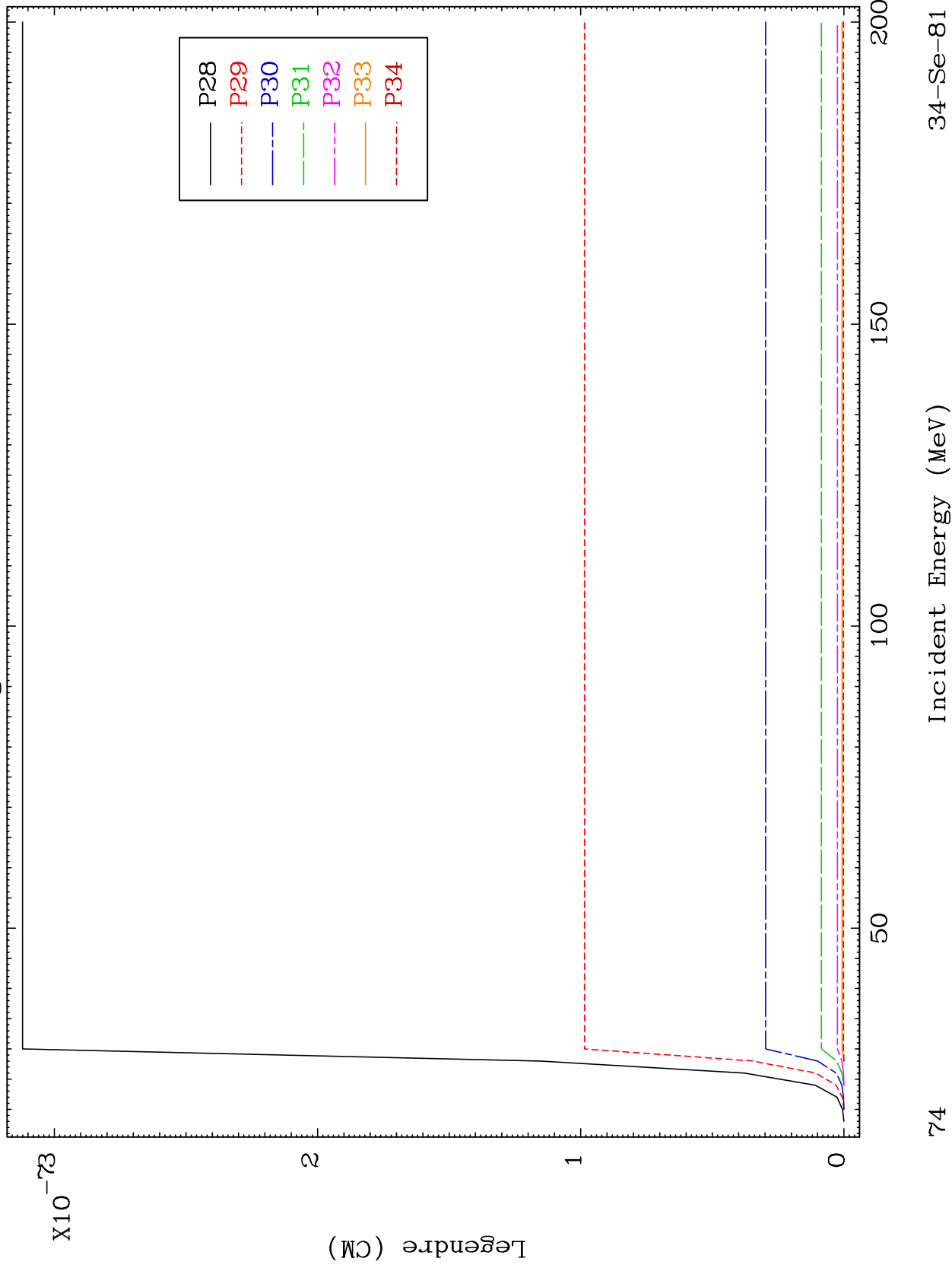
34-Se-81

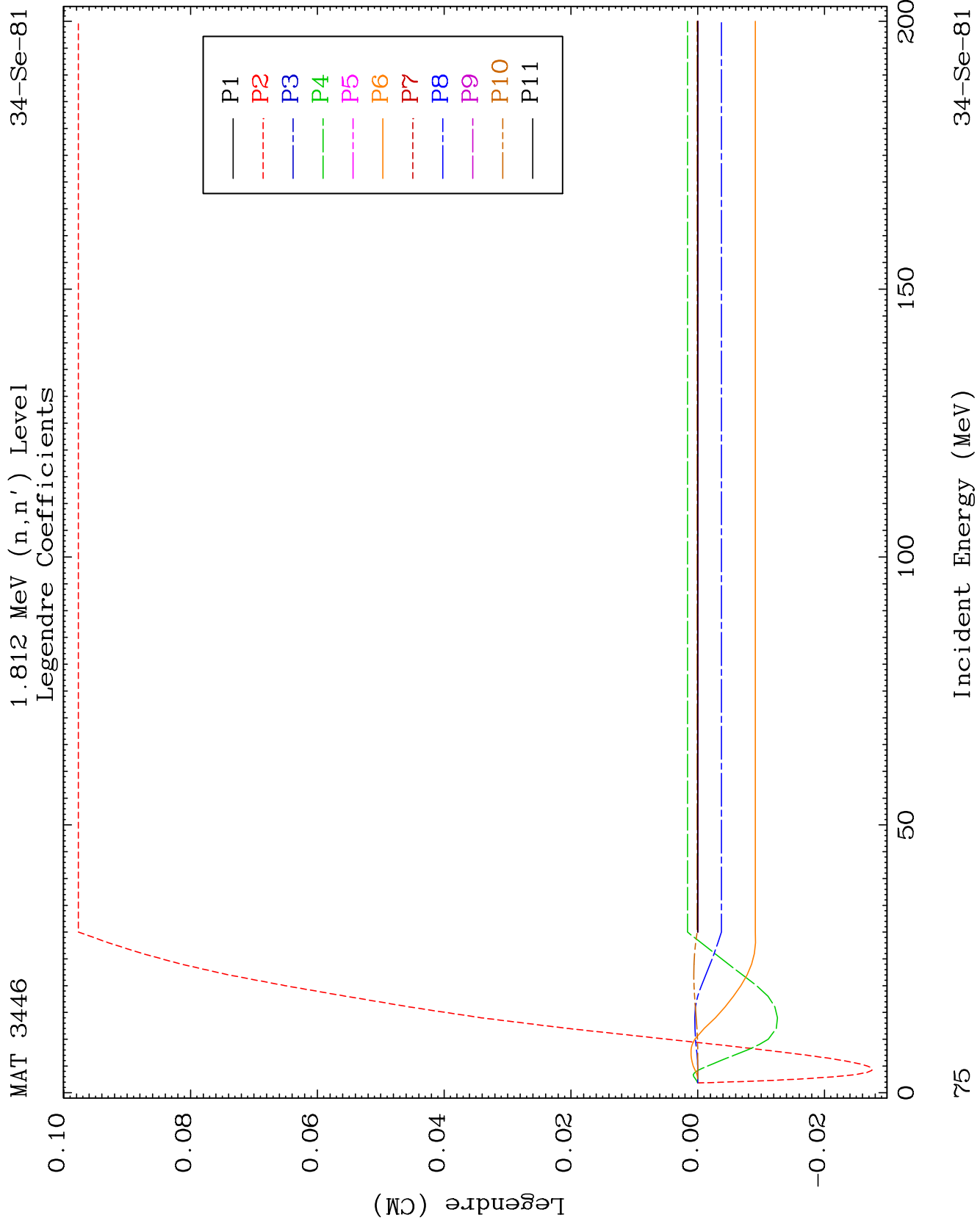


MAT 3446

1.725 MeV (n,n') Level
Legendre Coefficients

34-Se-81

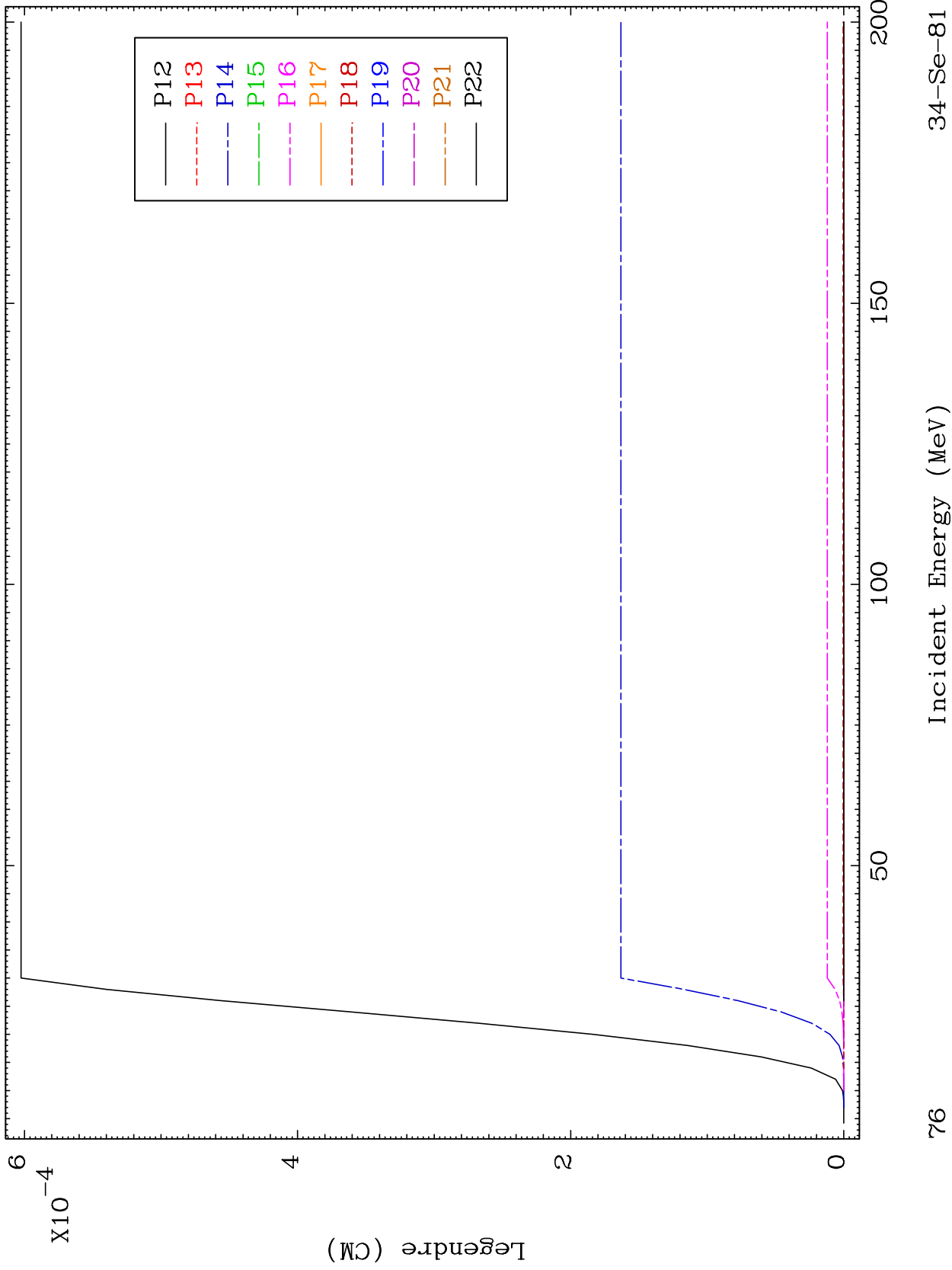




MAT 3446

1.812 MeV (n,n') Level
Legendre Coefficients

34-Se-81



76

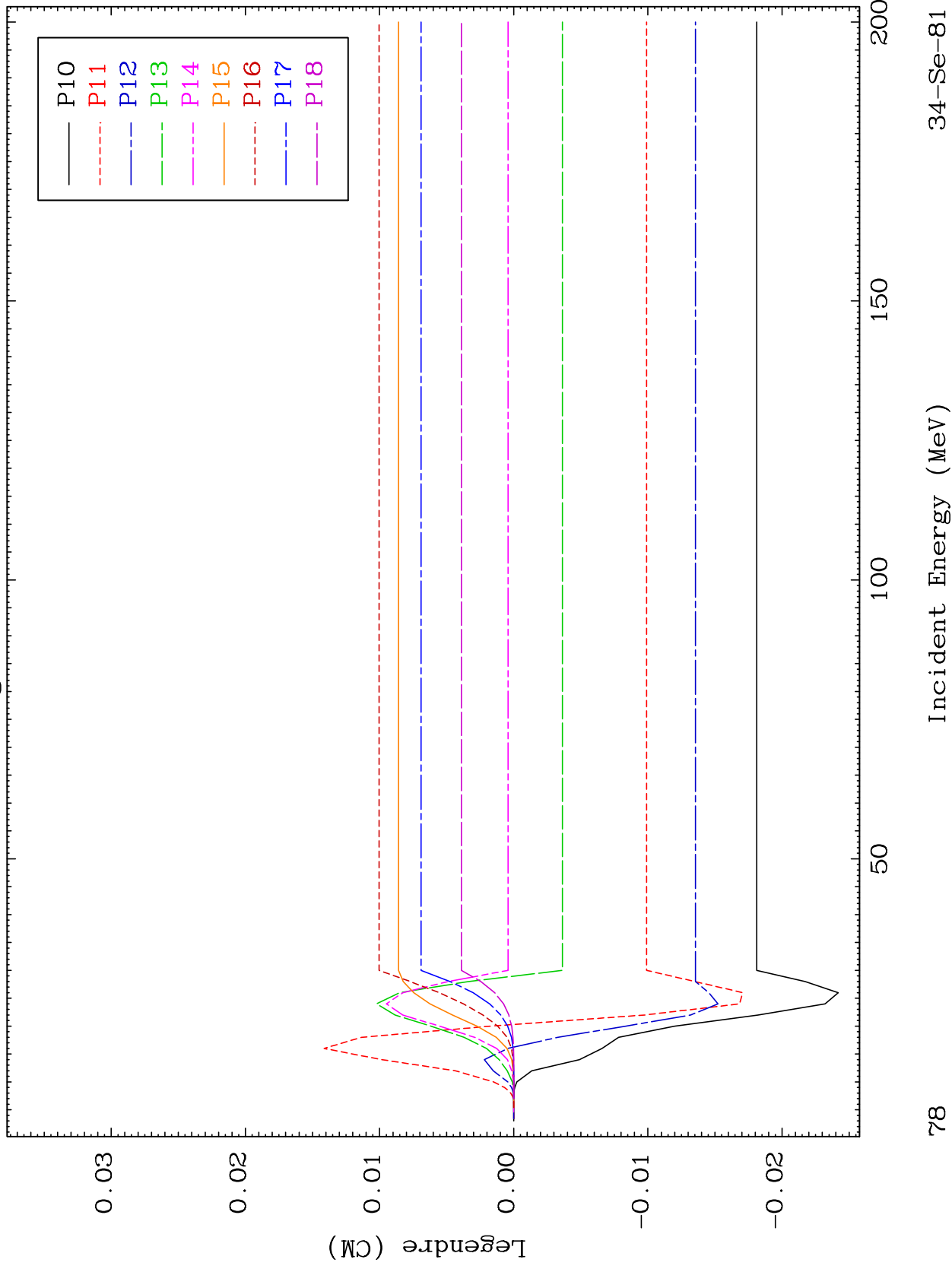
Incident Energy (MeV)

34-Se-81

MAT 3446

1.828 MeV (n,n') Level
Legendre Coefficients

34-Se-81



78

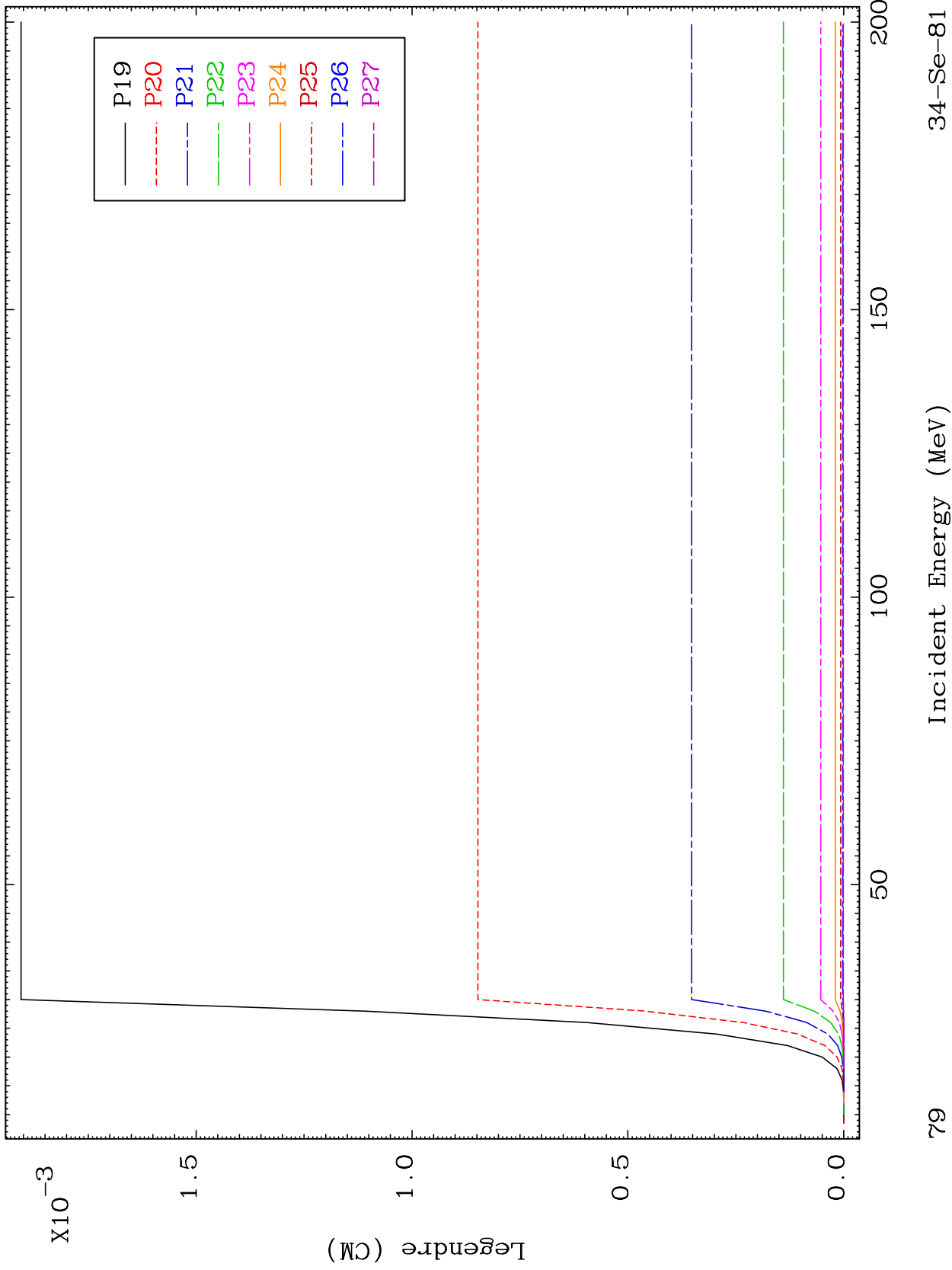
Incident Energy (MeV)

34-Se-81

MAT 3446

1.828 MeV (n,n') Level
Legendre Coefficients

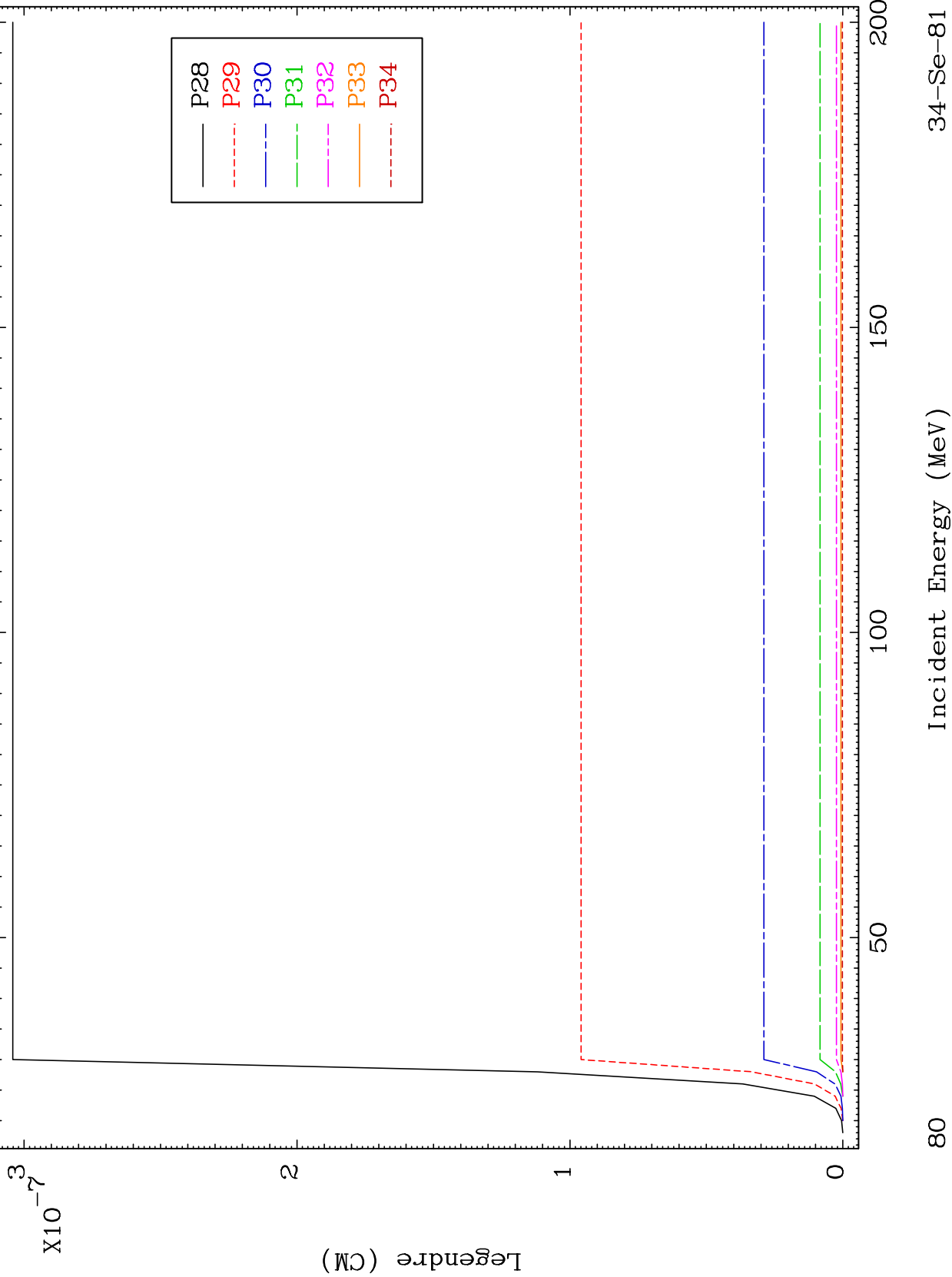
34-Se-81

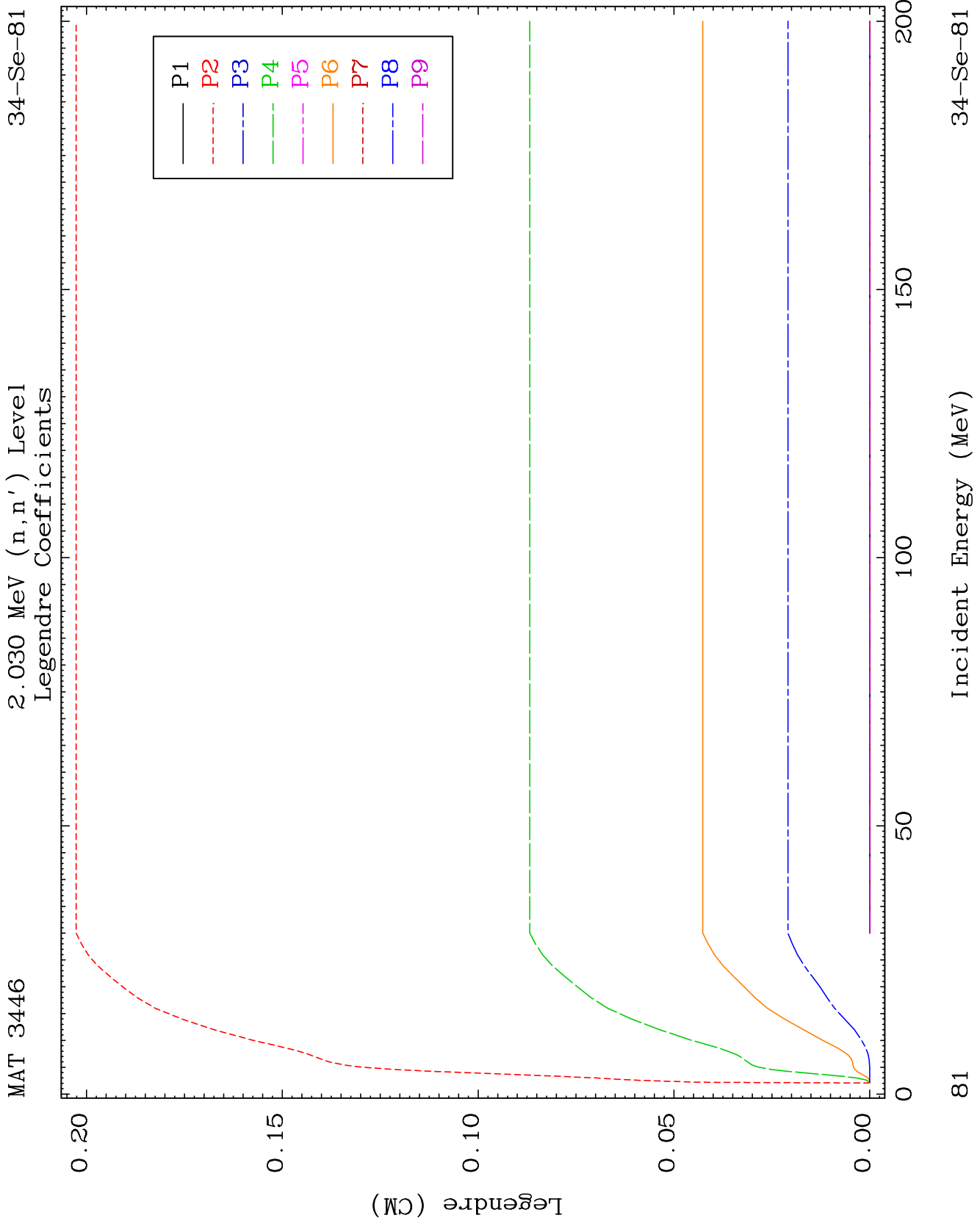


MAT 3446

1.828 MeV (n,n') Level
Legendre Coefficients

34-Se-81

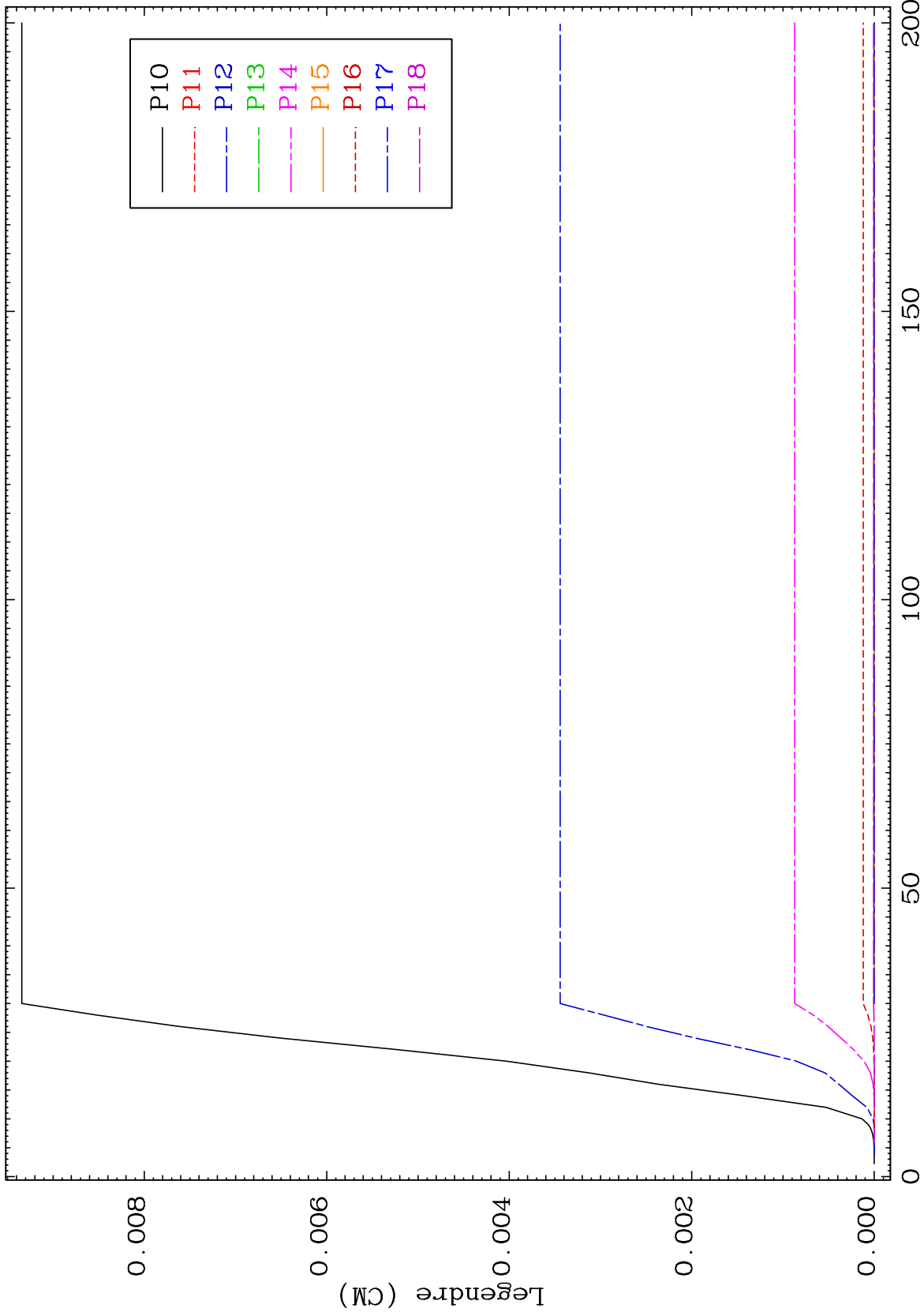




MAT 3446

2.030 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



82

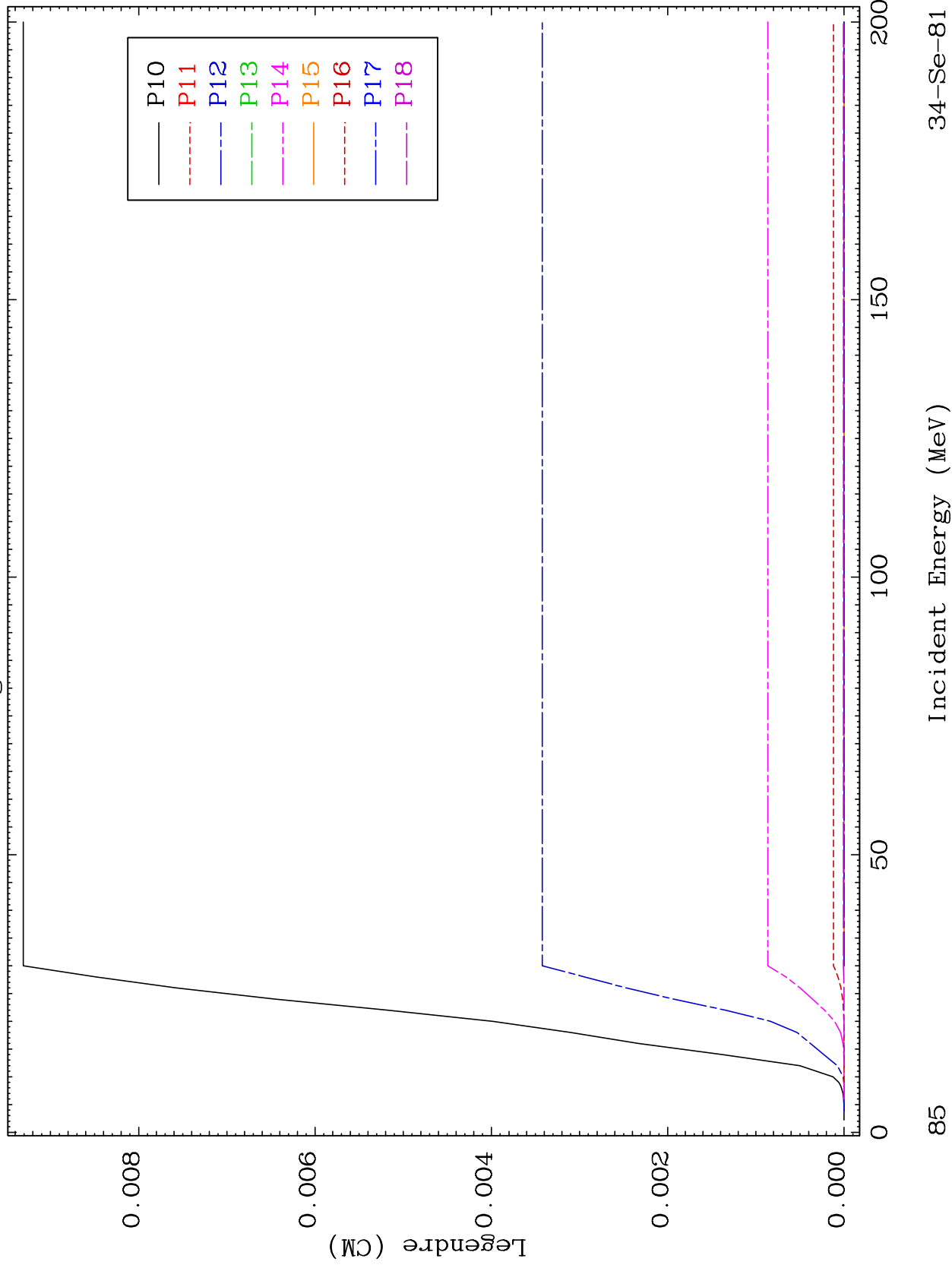
Incident Energy (MeV)

³⁴Se-81

MAT 3446

2.150 MeV (n,n') Level
Legendre Coefficients

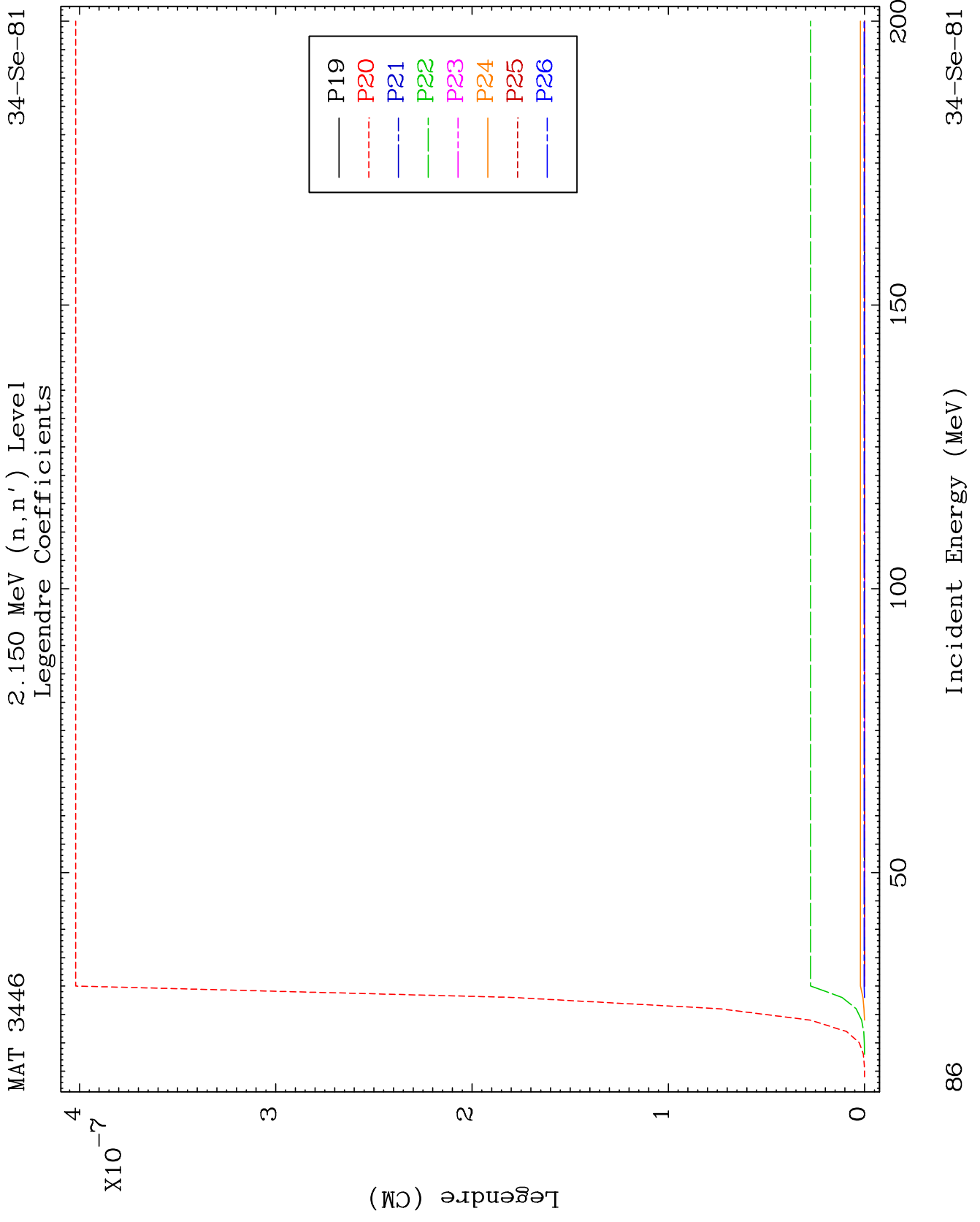
34-Se-81

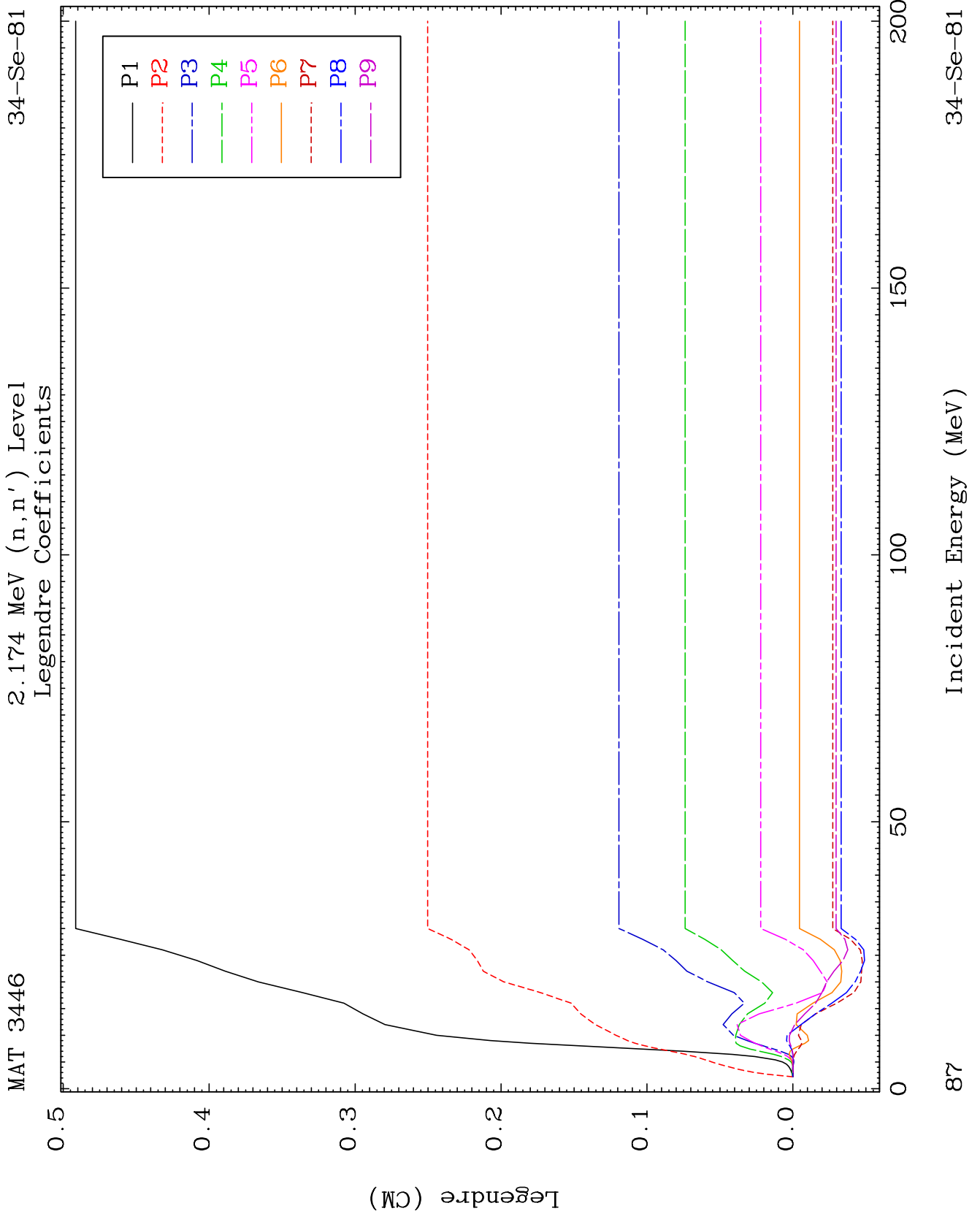


85

Incident Energy (MeV)

34-Se-81

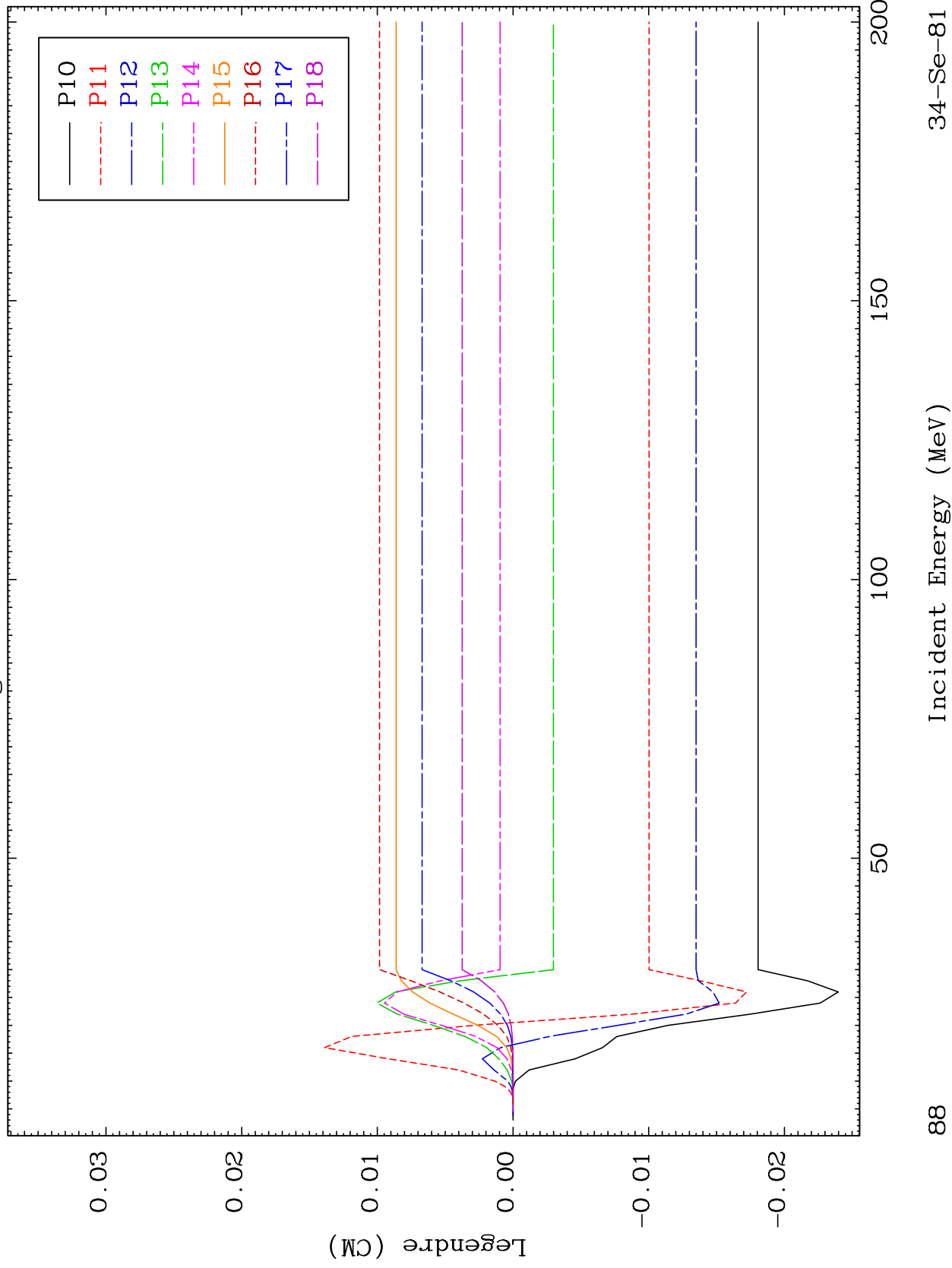




MAT 3446

2.174 MeV (n,n') Level
Legendre Coefficients

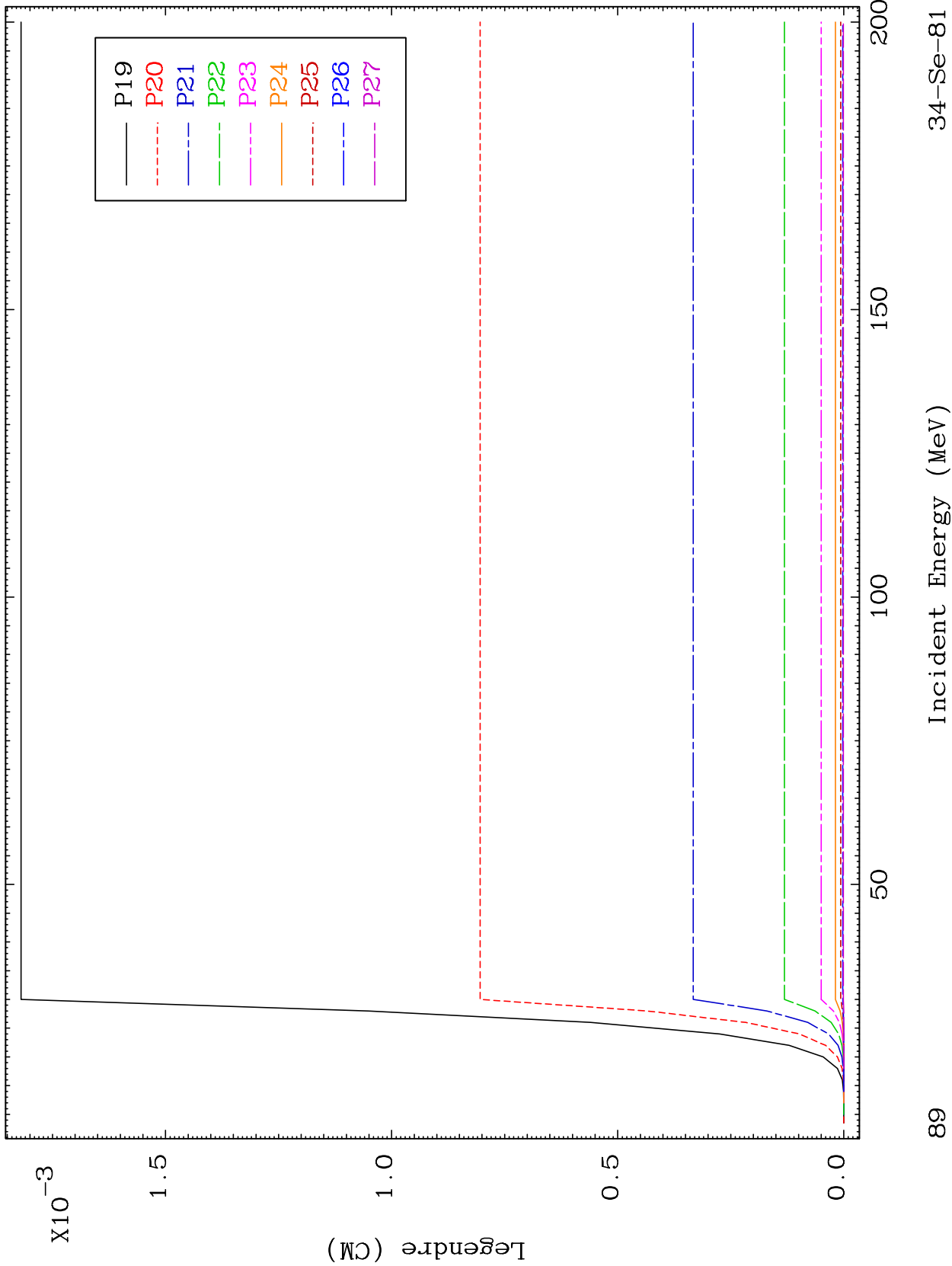
34-Se-81

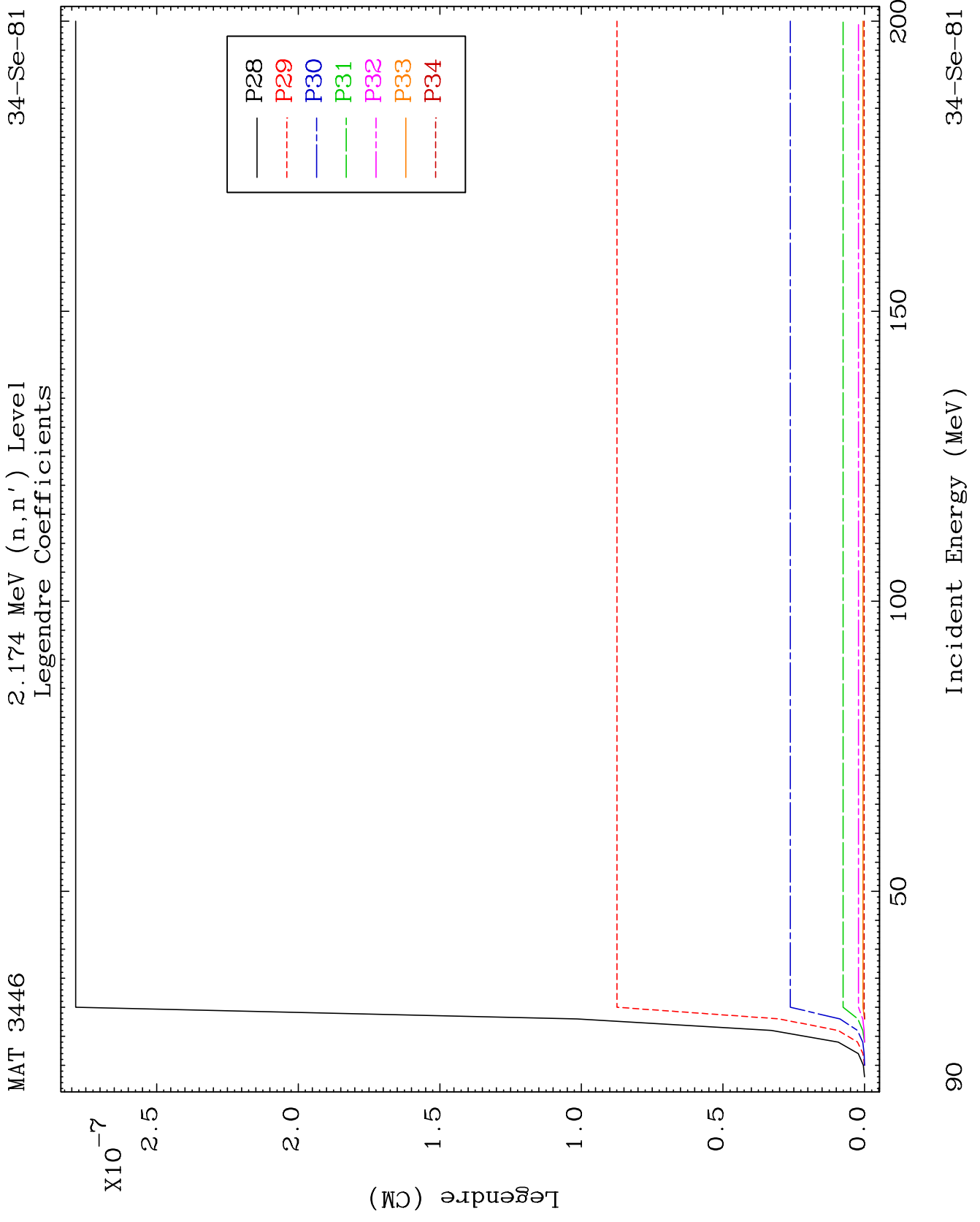


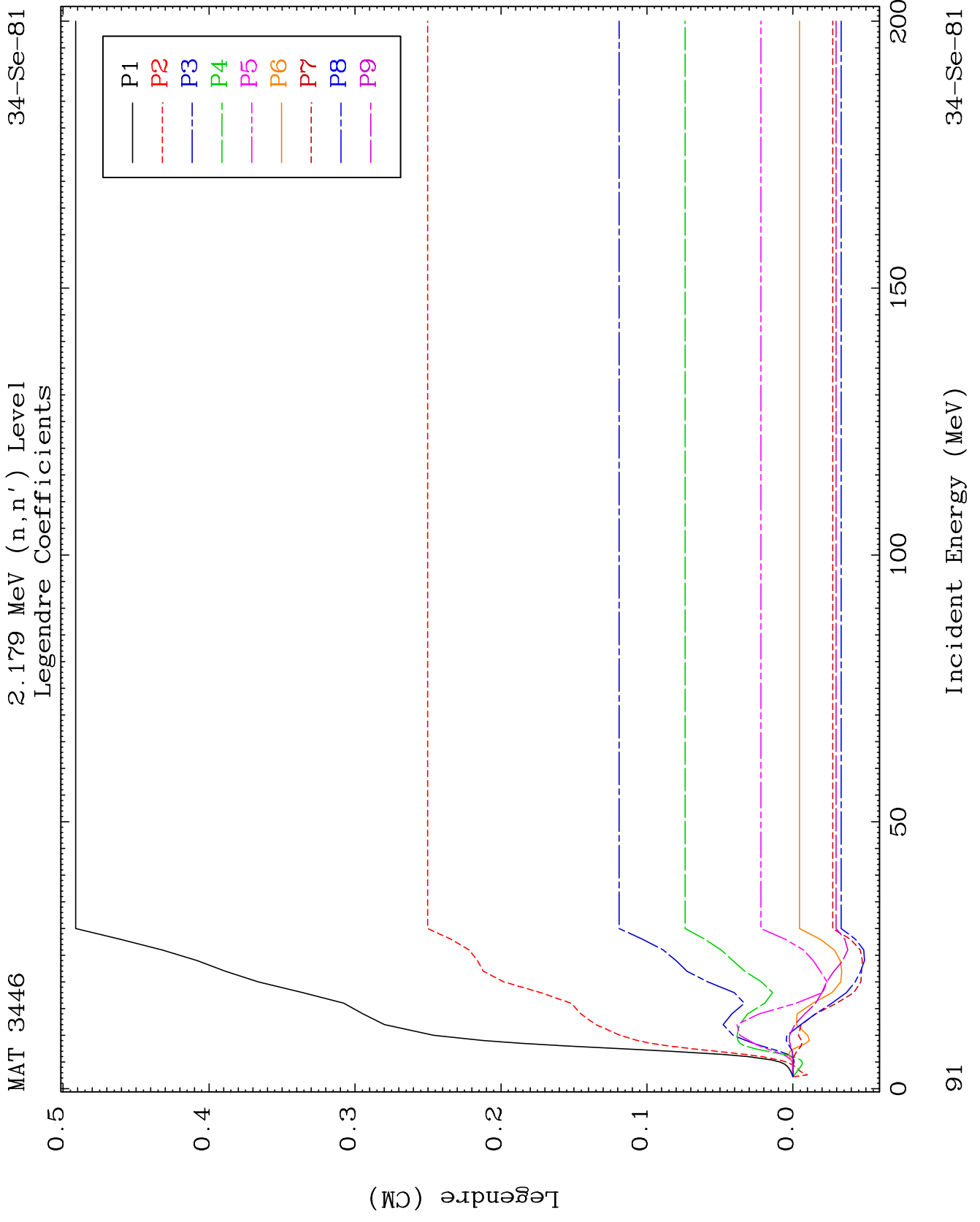
88

Incident Energy (MeV)

34-Se-81



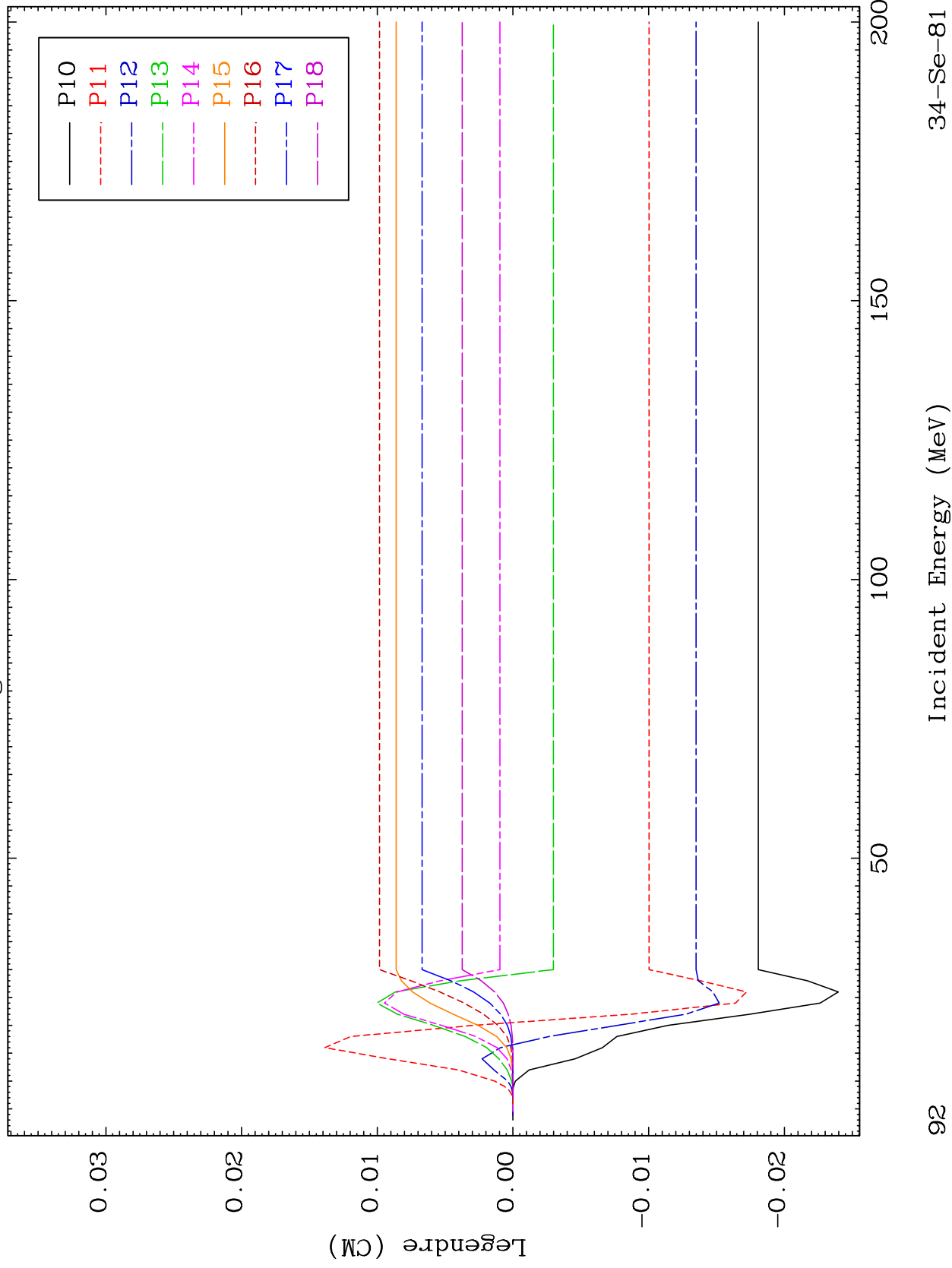




MAT 3446

2.179 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



92

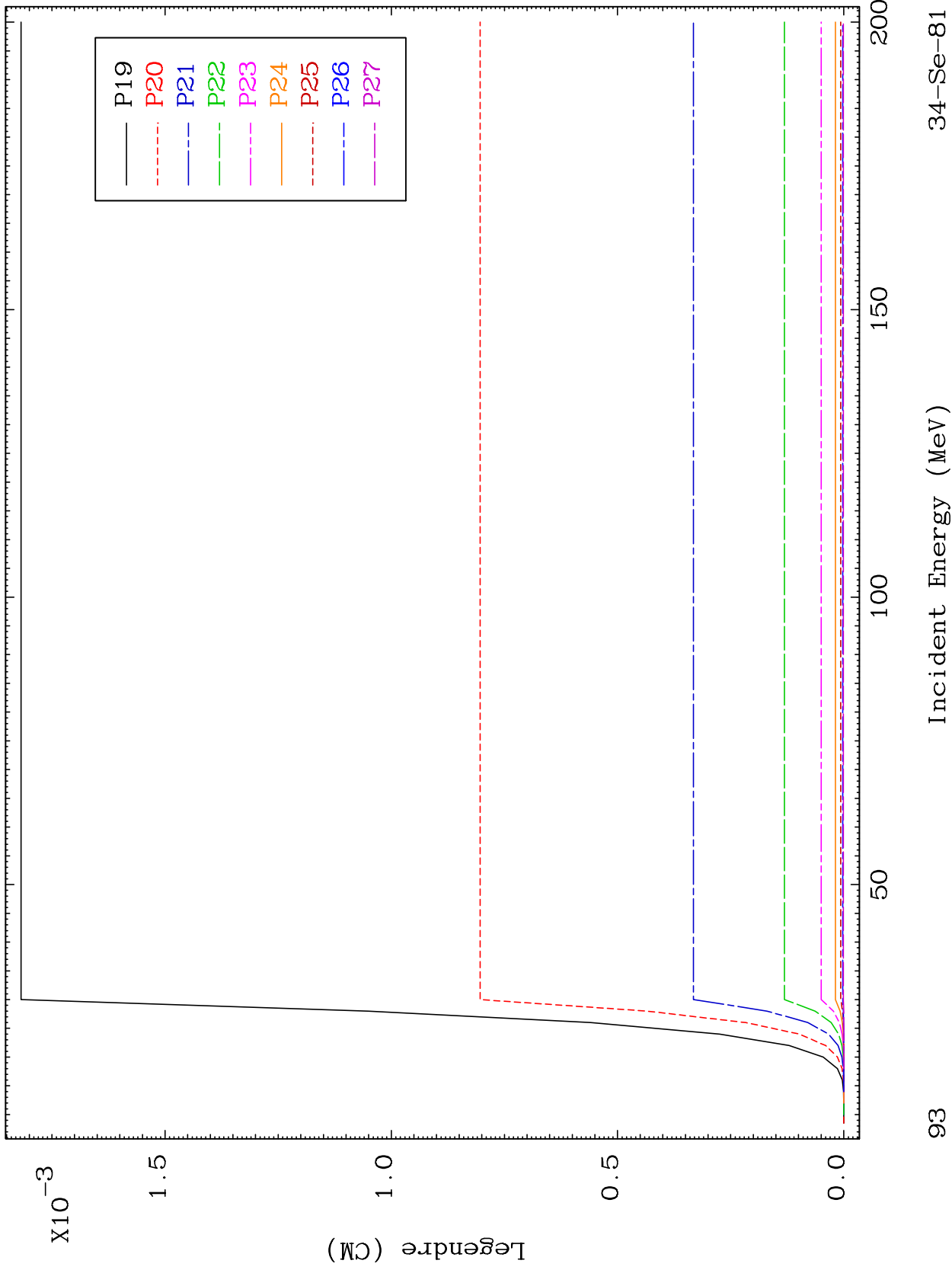
Incident Energy (MeV)

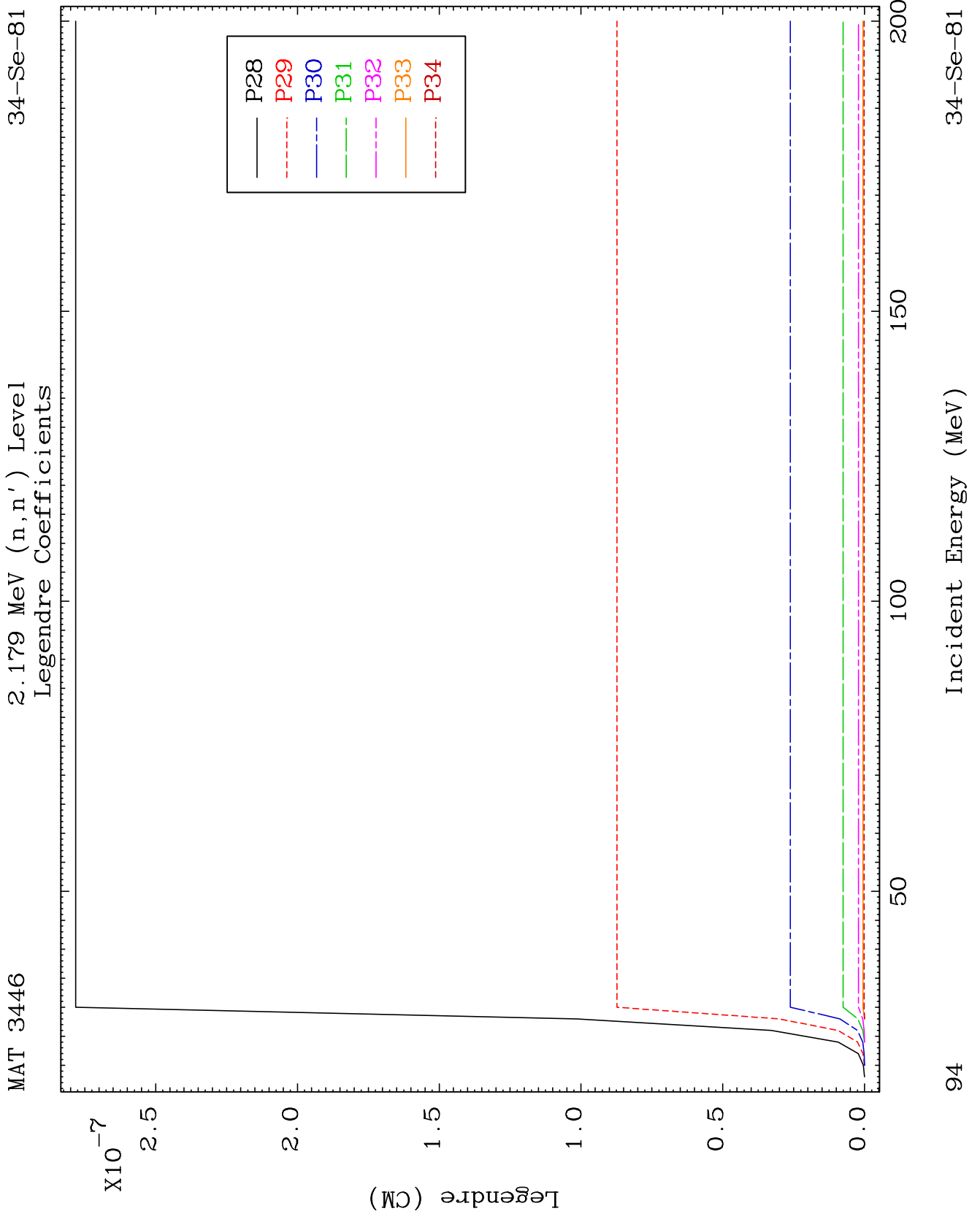
³⁴Se-81

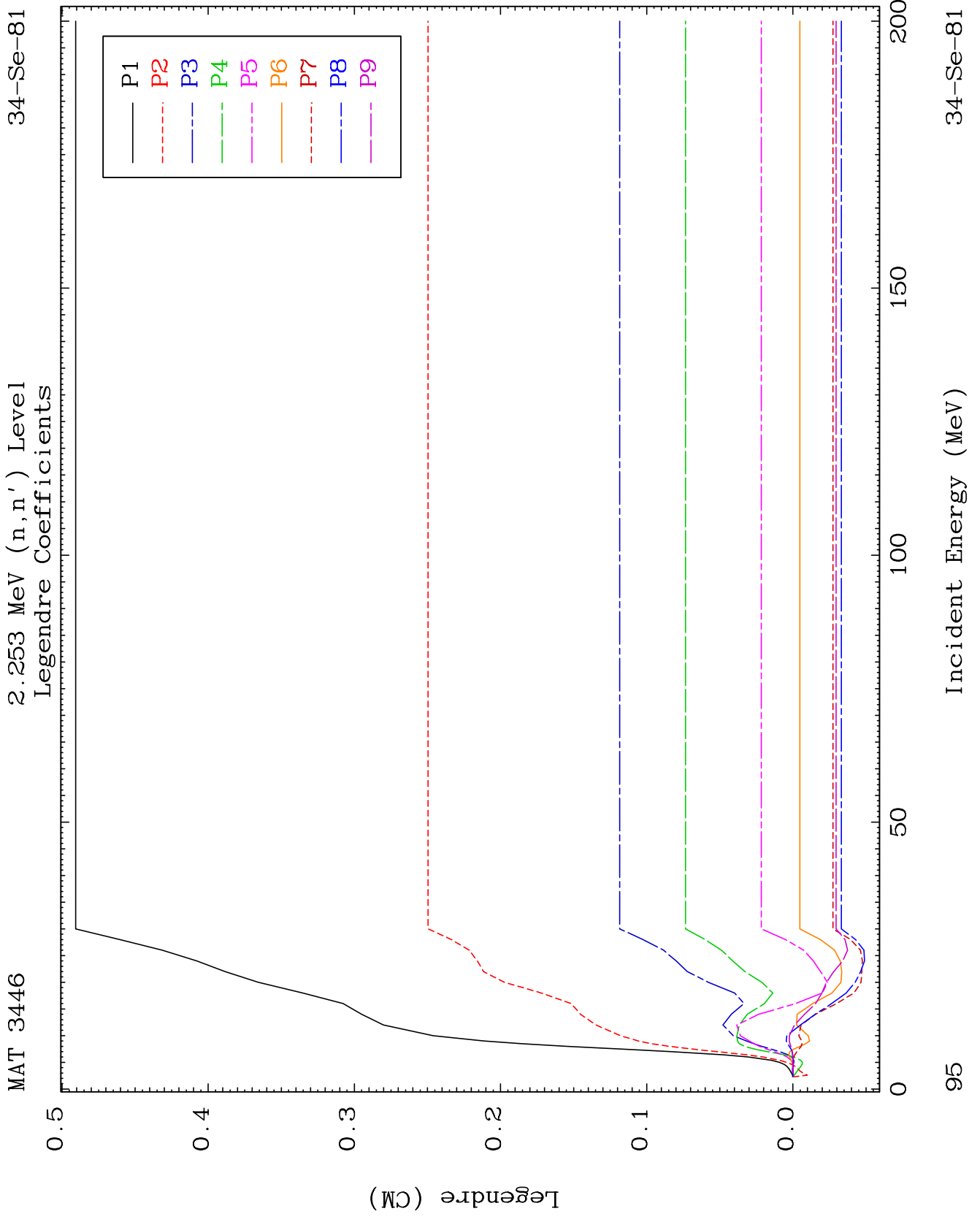
MAT 3446

2.179 MeV (n,n') Level
Legendre Coefficients

34-Se-81



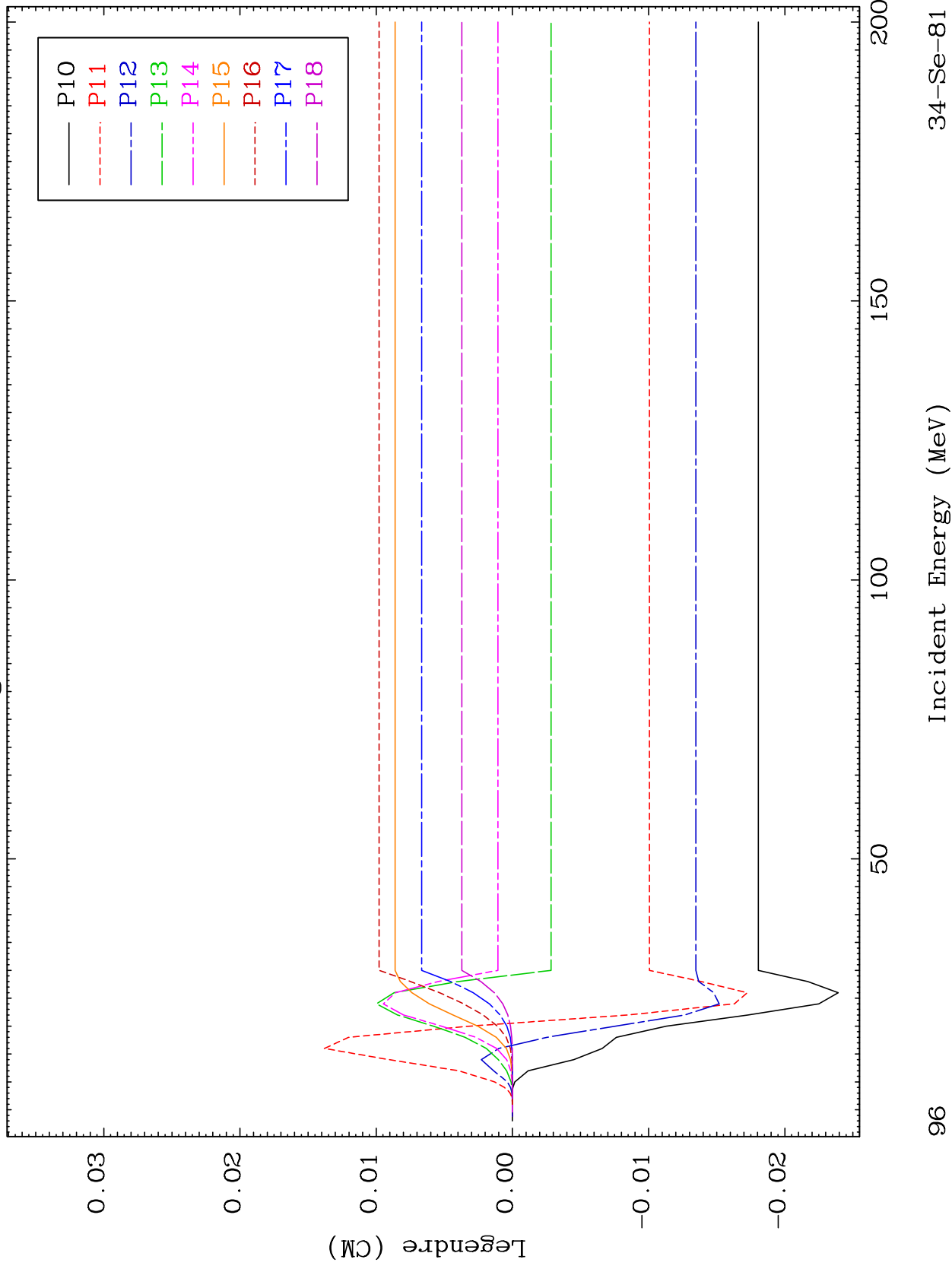




MAT 3446

2.253 MeV (n,n') Level
Legendre Coefficients

34-Se-81



96

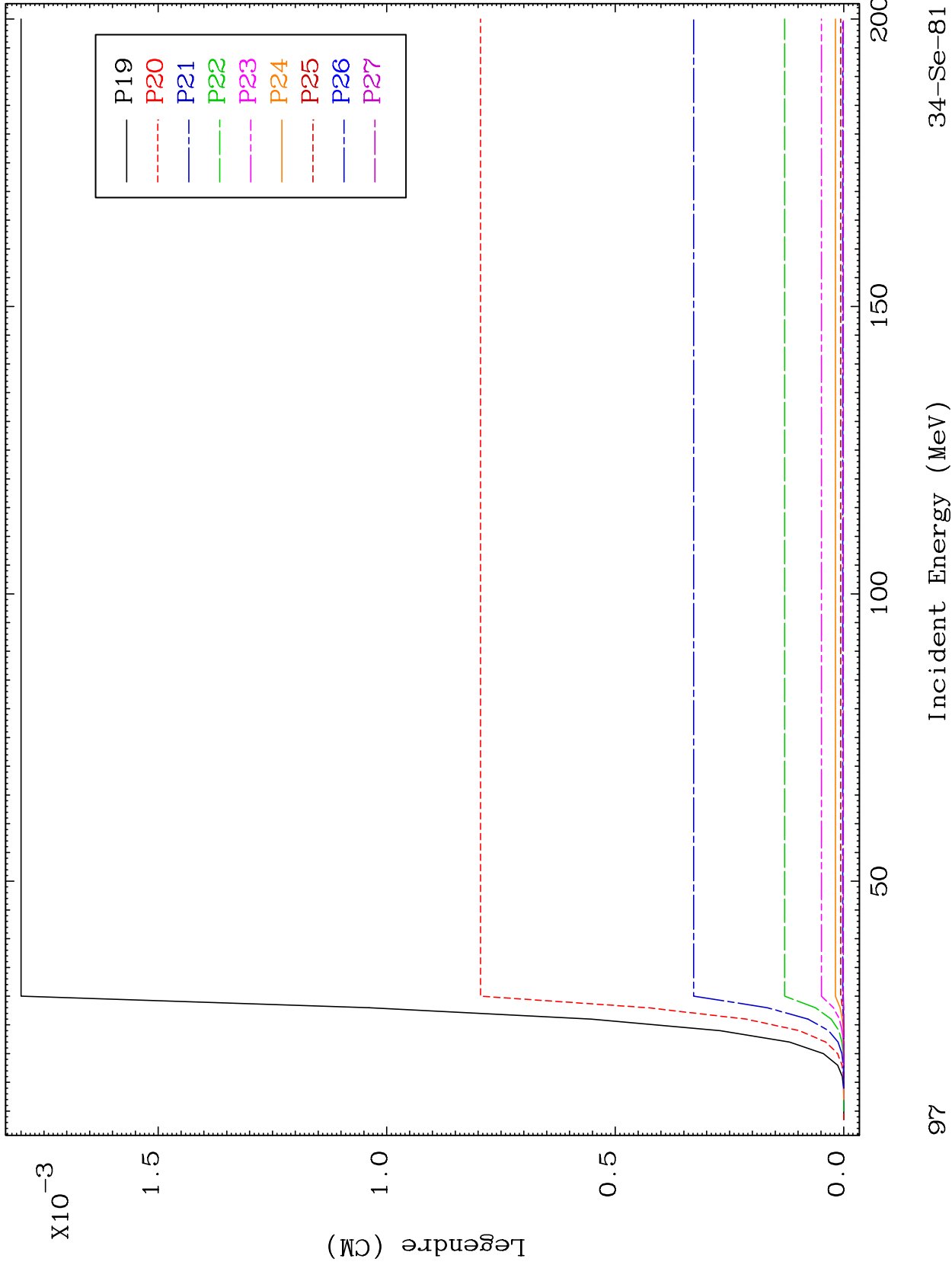
Incident Energy (MeV)

34-Se-81

MAT 3446

2.253 MeV (n,n') Level
Legendre Coefficients

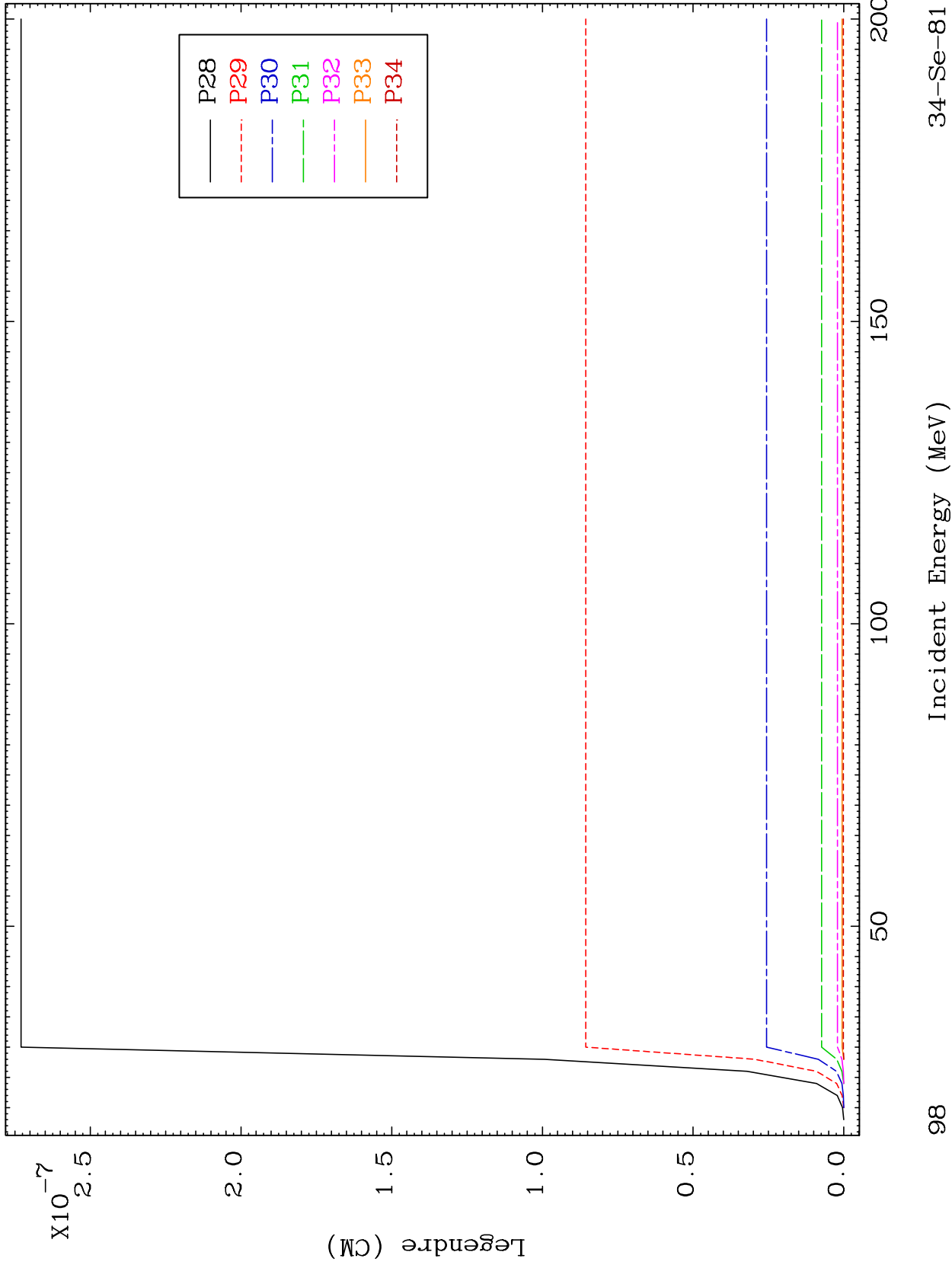
34-Se-81

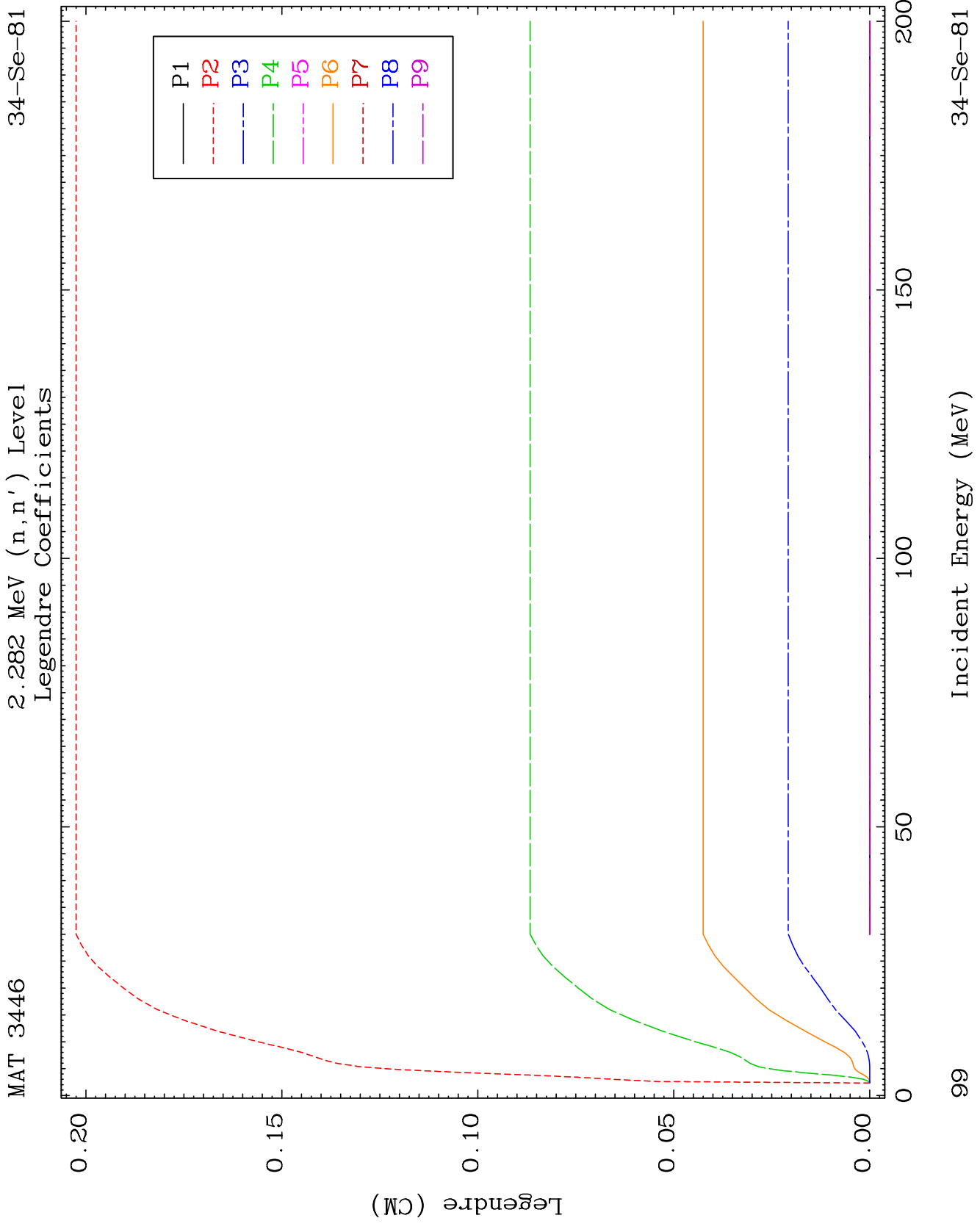


MAT 3446

2.253 MeV (n,n') Level
Legendre Coefficients

34-Se-81

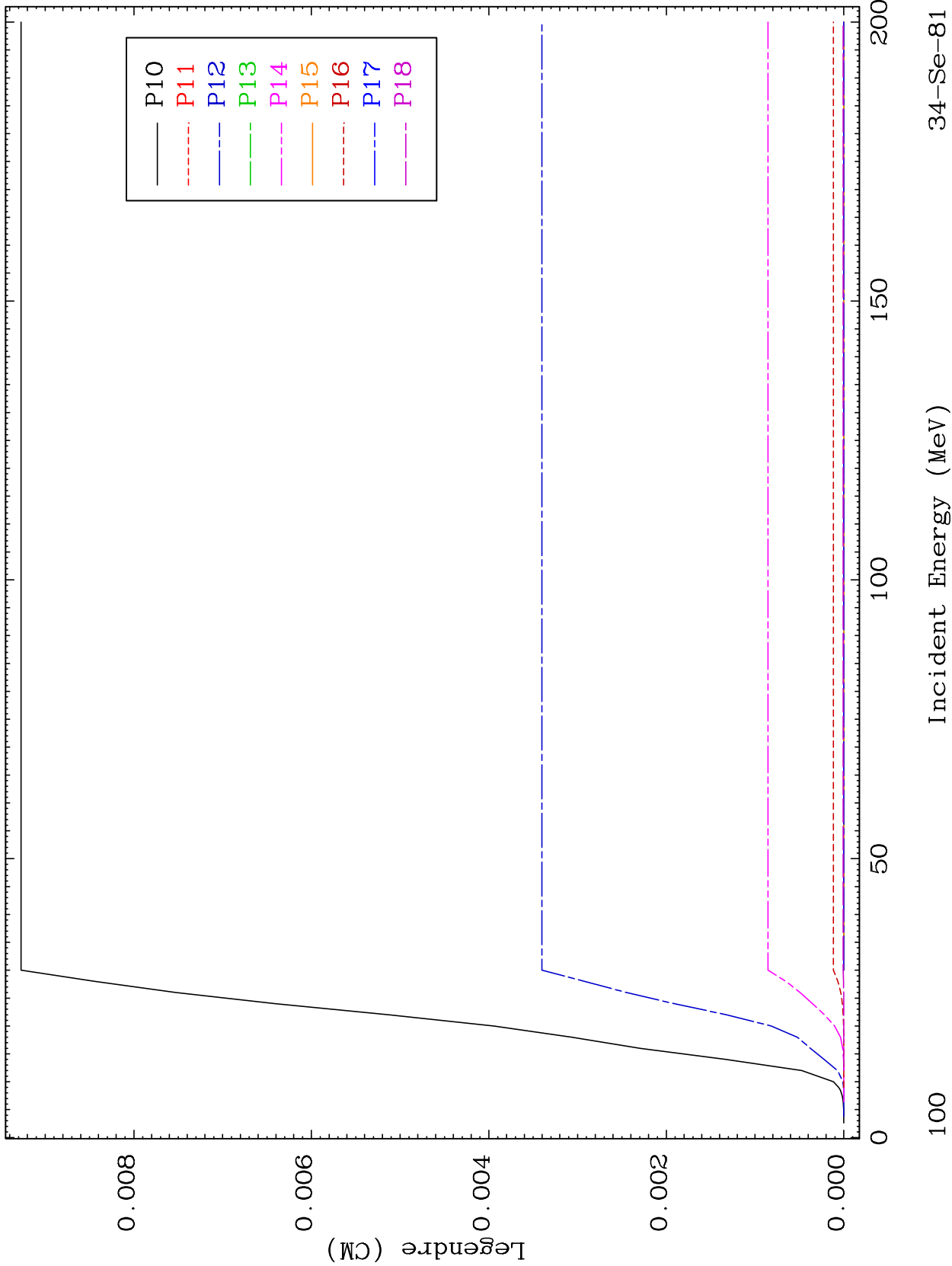




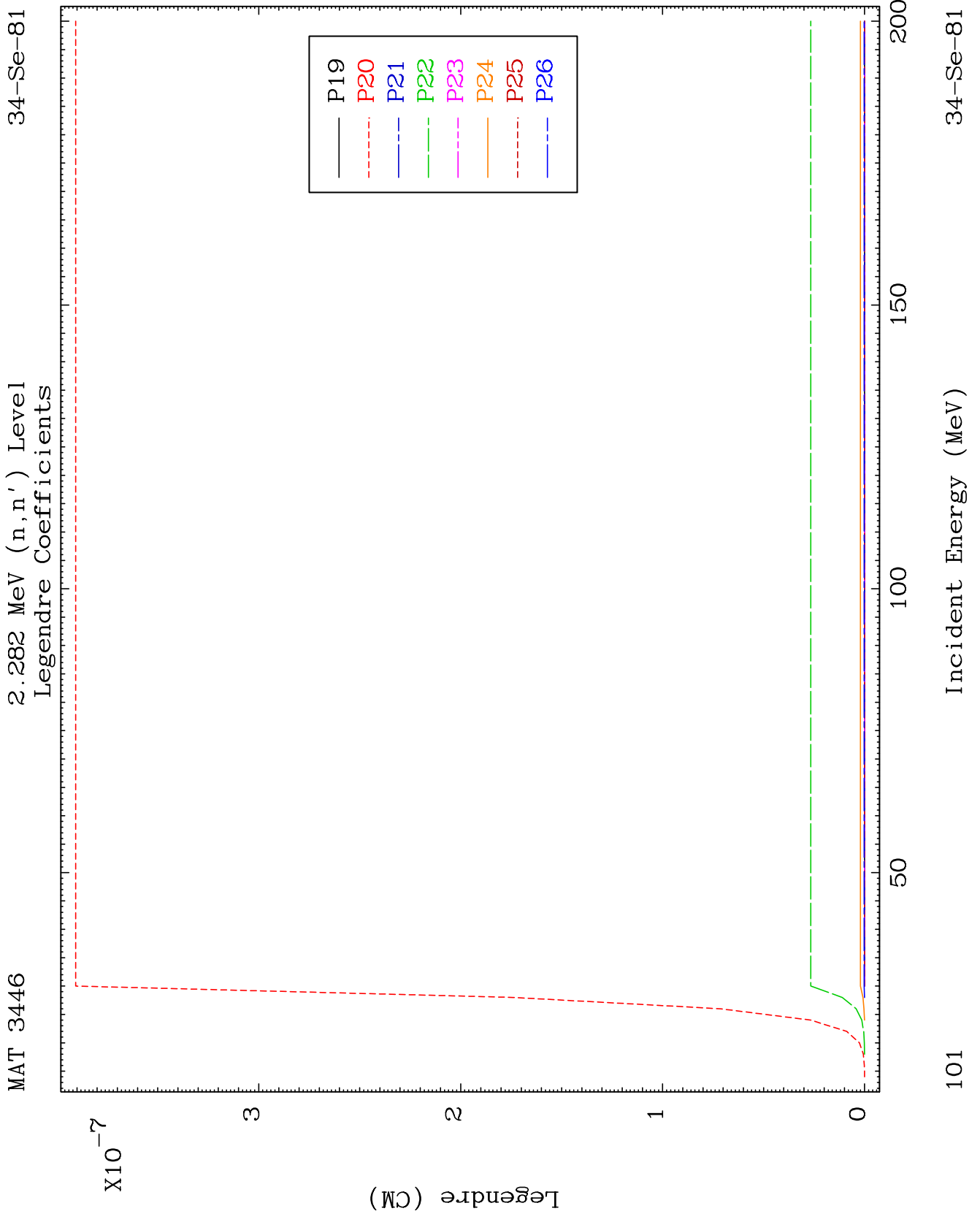
MAT 3446

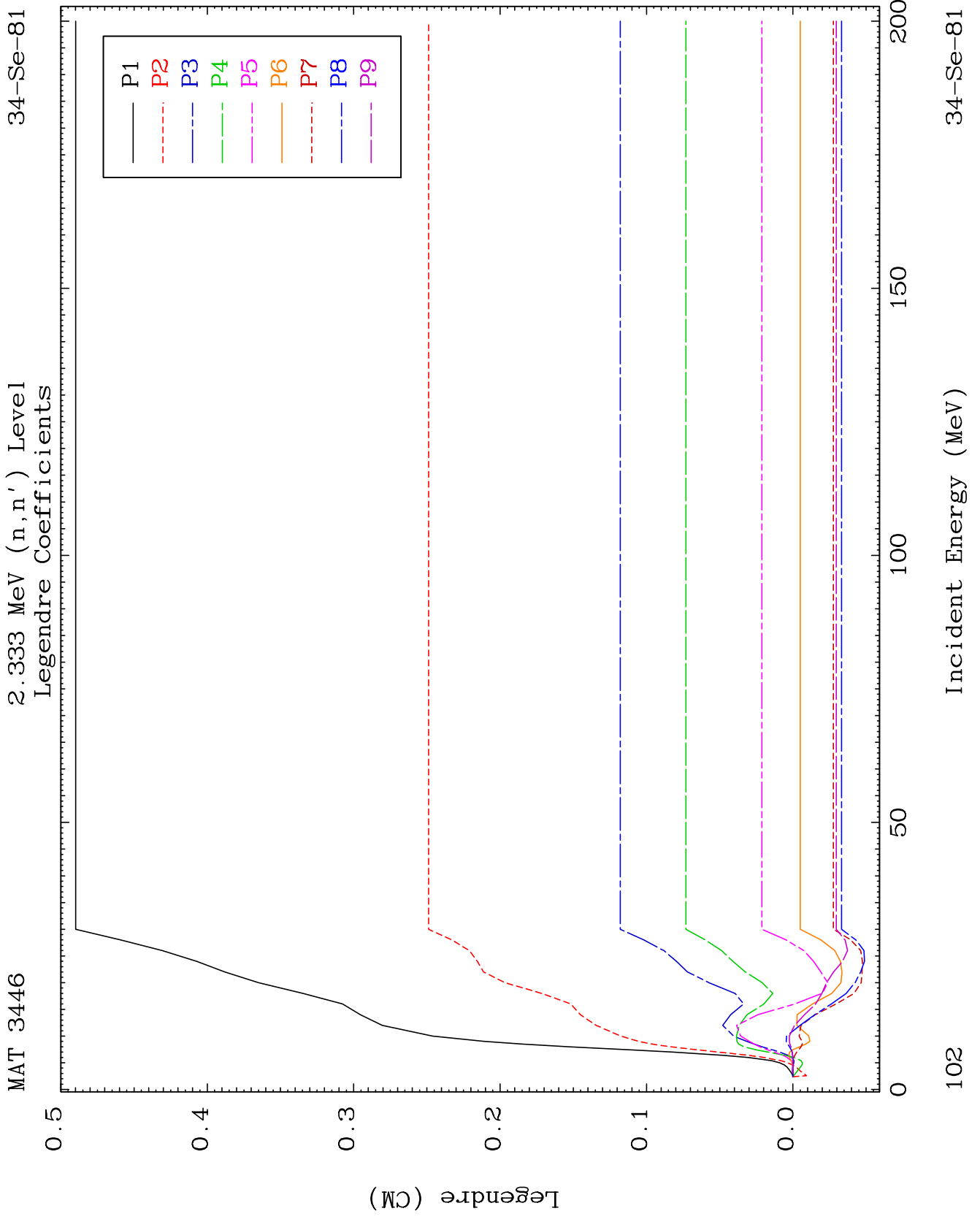
2.282 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



³⁴Se-81

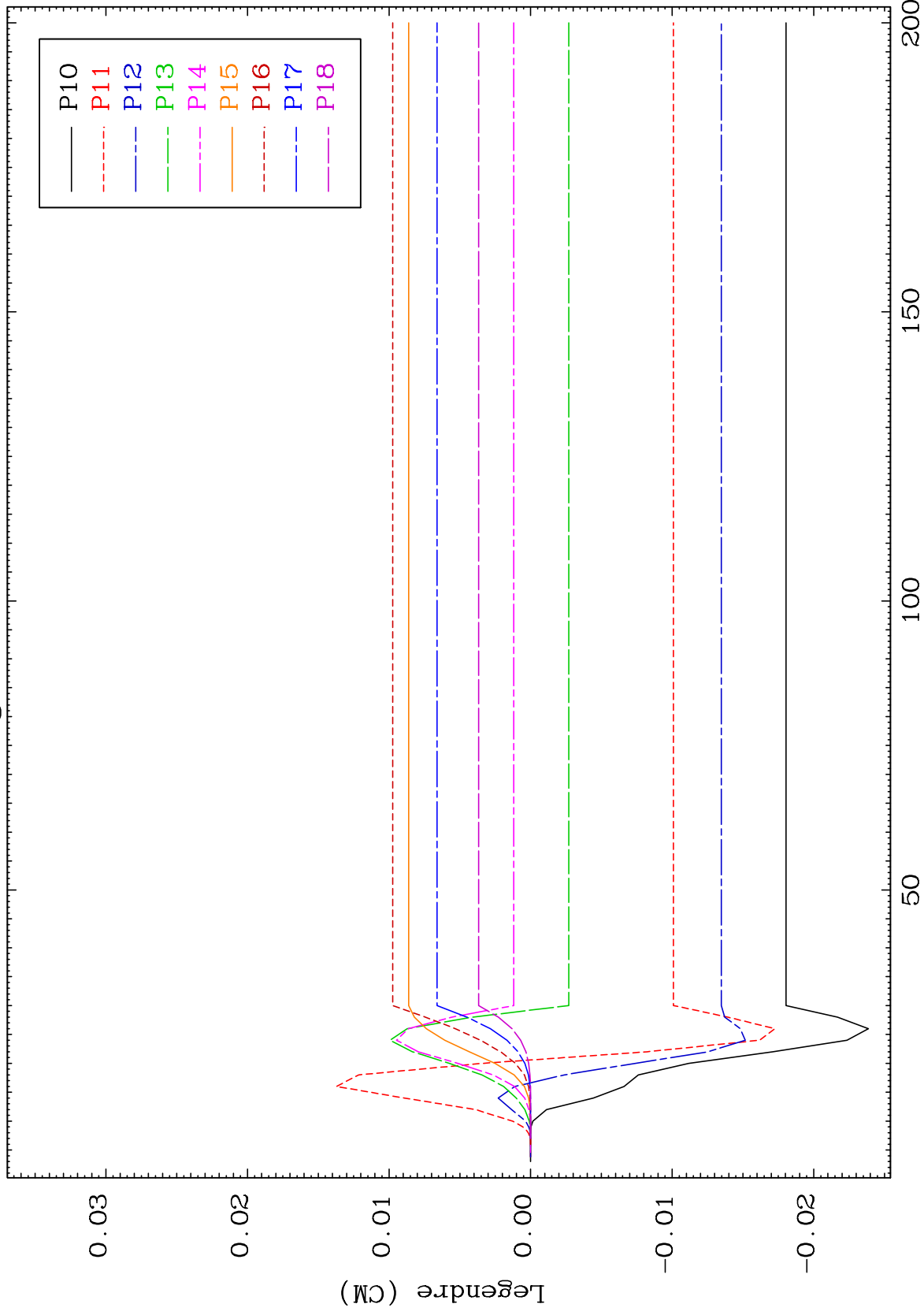




MAT 3446

2.333 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



103

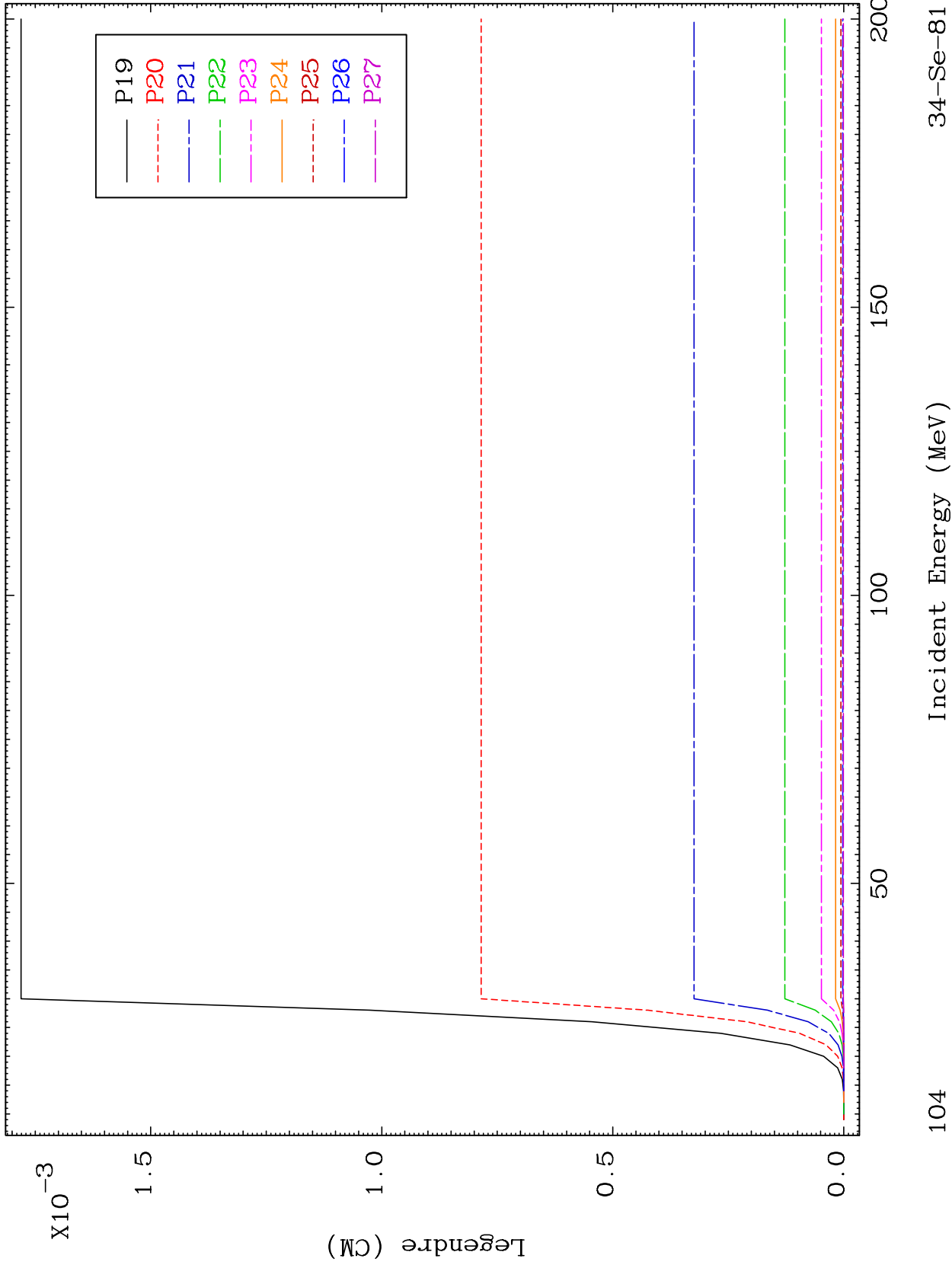
Incident Energy (MeV)

³⁴Se-81

MAT 3446

2.333 MeV (n,n') Level
Legendre Coefficients

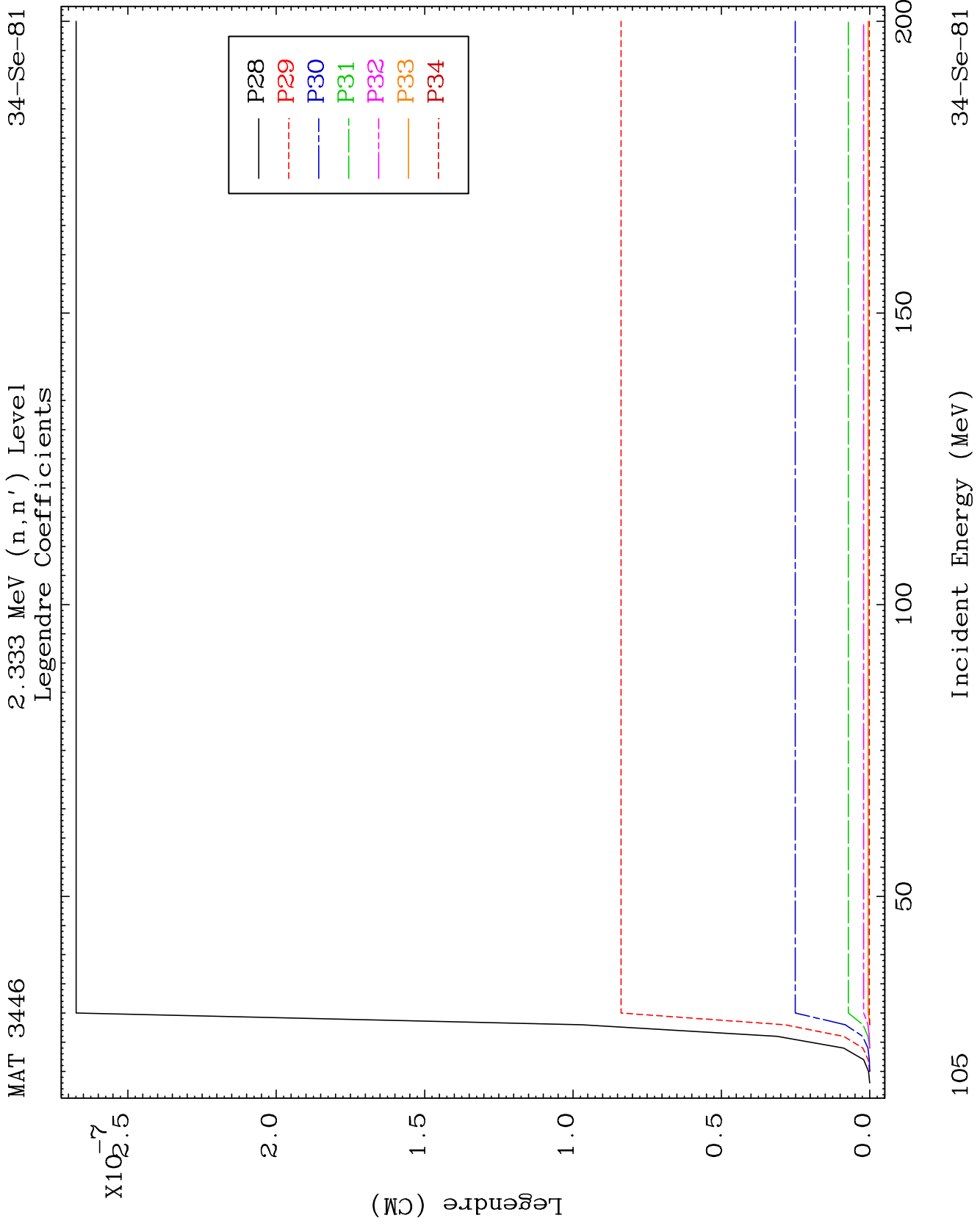
34-Se-81

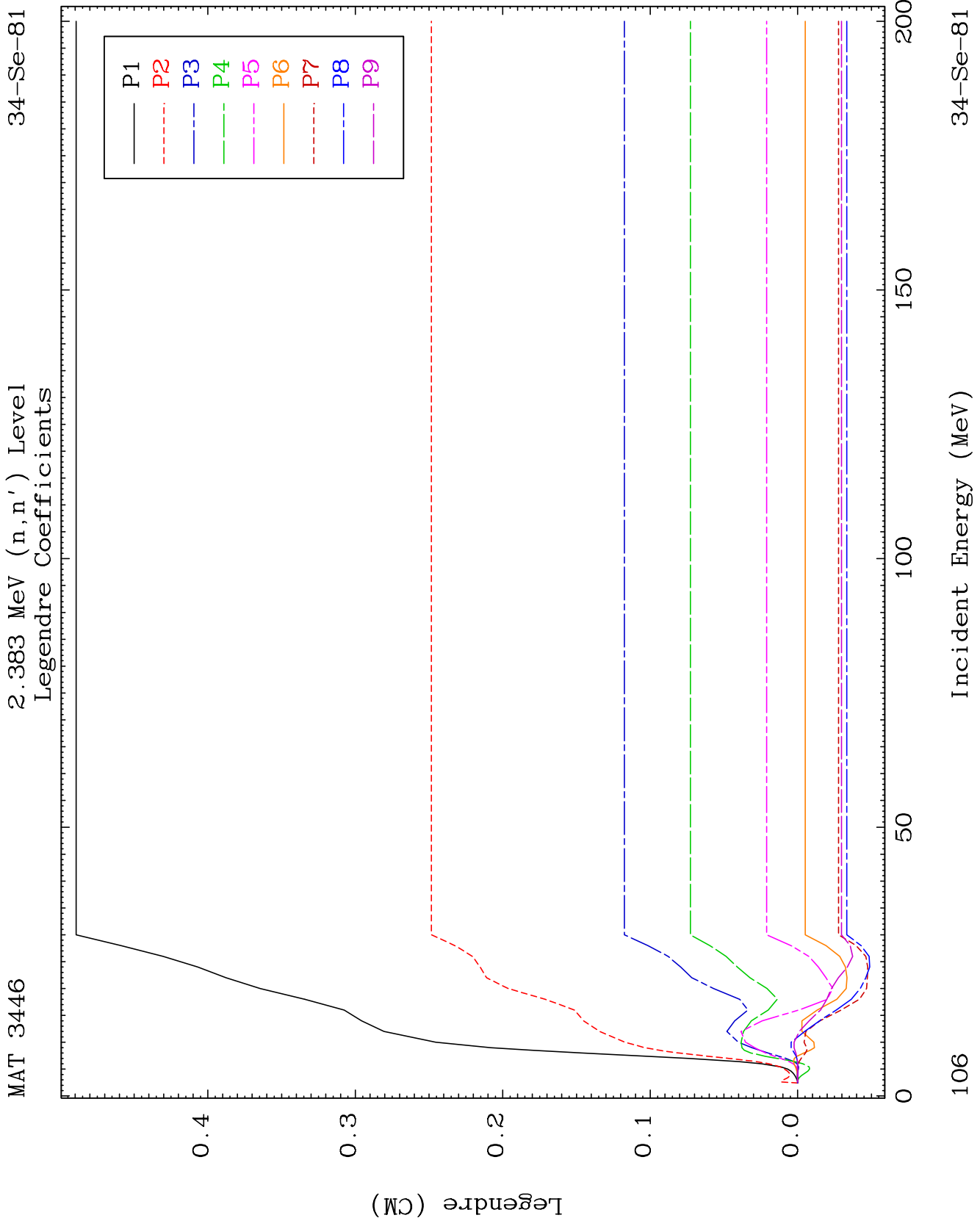


104

Incident Energy (MeV)

34-Se-81

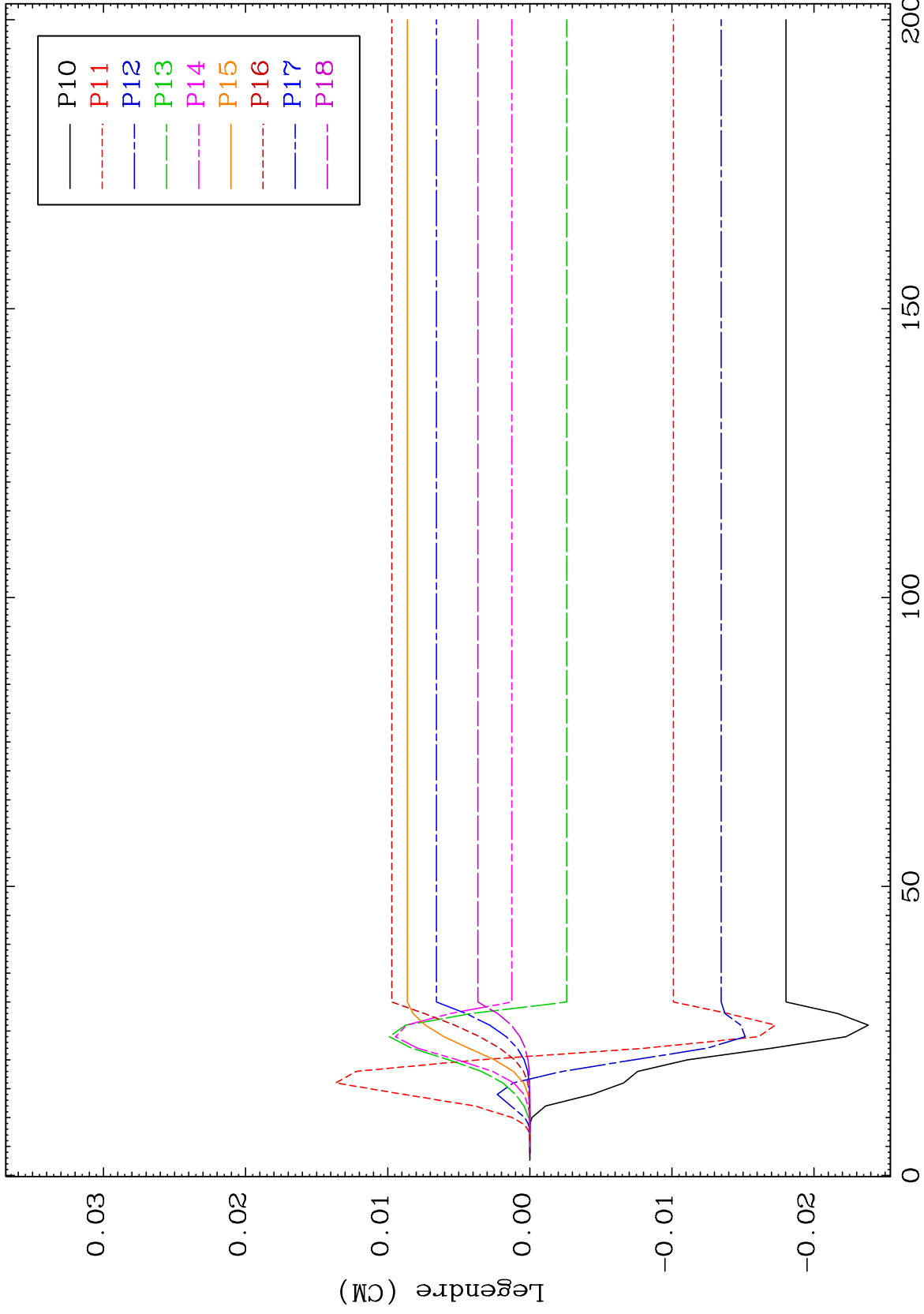




MAT 3446

2.383 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



107

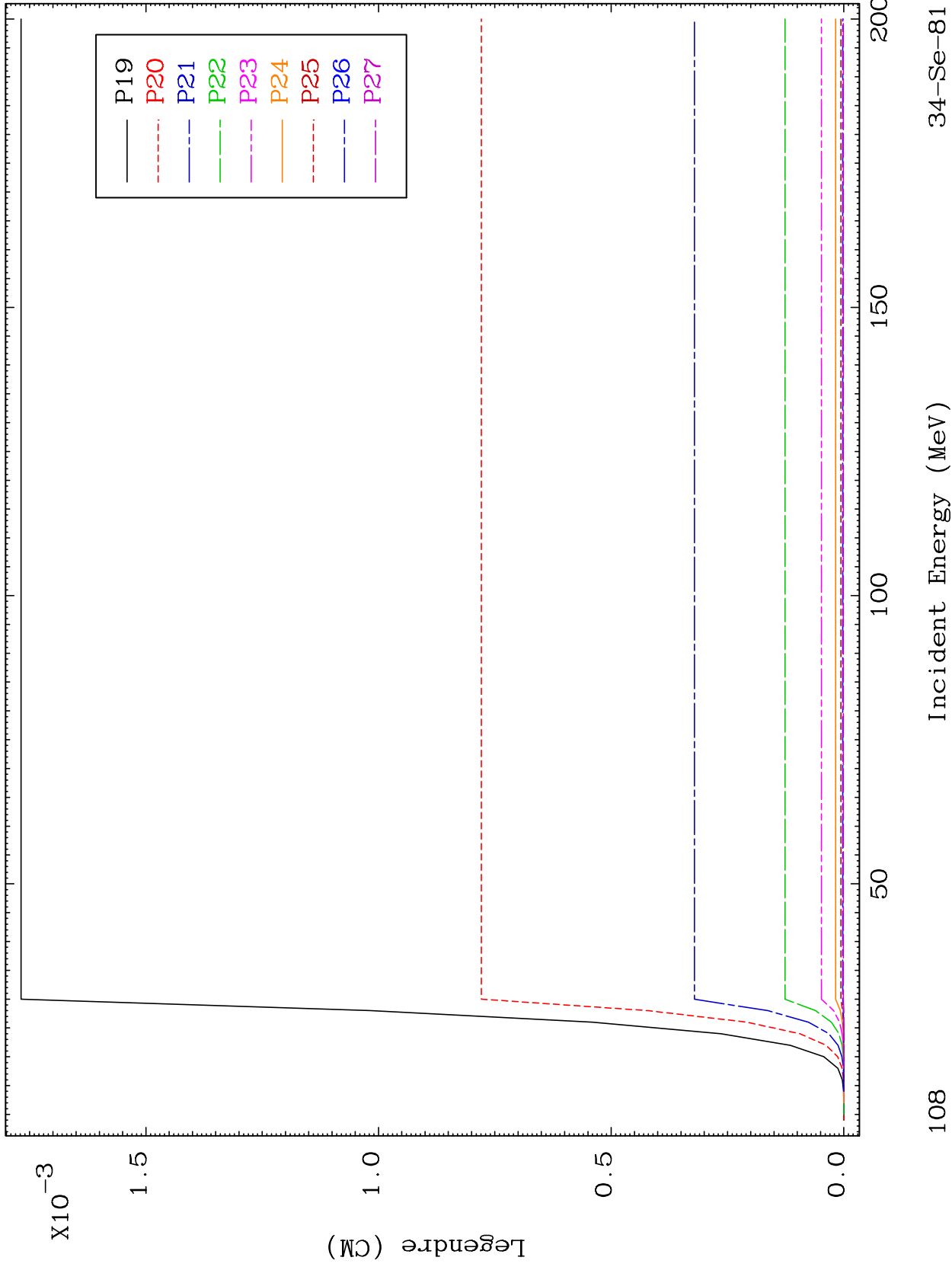
Incident Energy (MeV)

³⁴Se-81

MAT 3446

2.383 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81

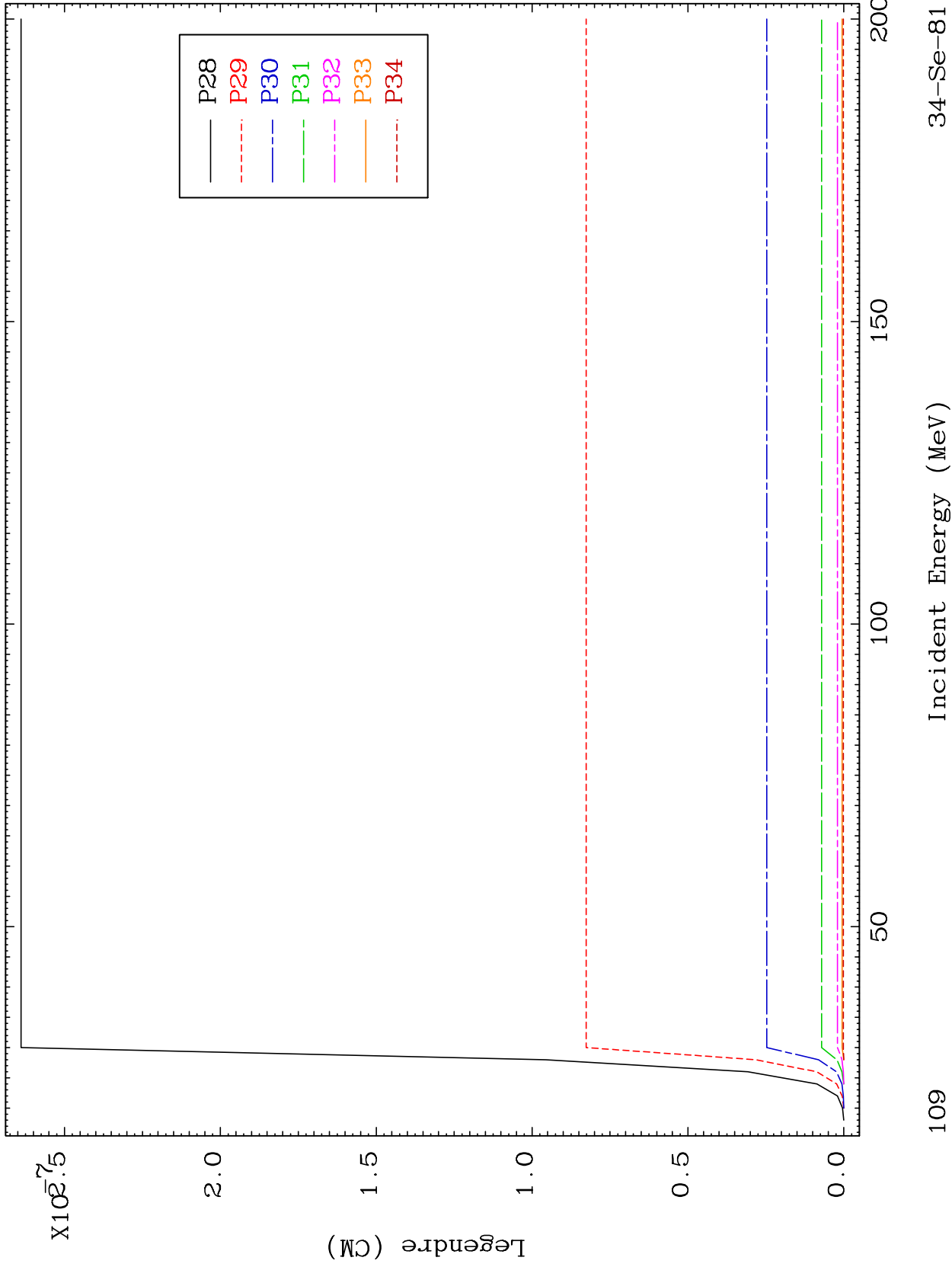


108

MAT 3446

2.383 MeV (n,n') Level
Legendre Coefficients

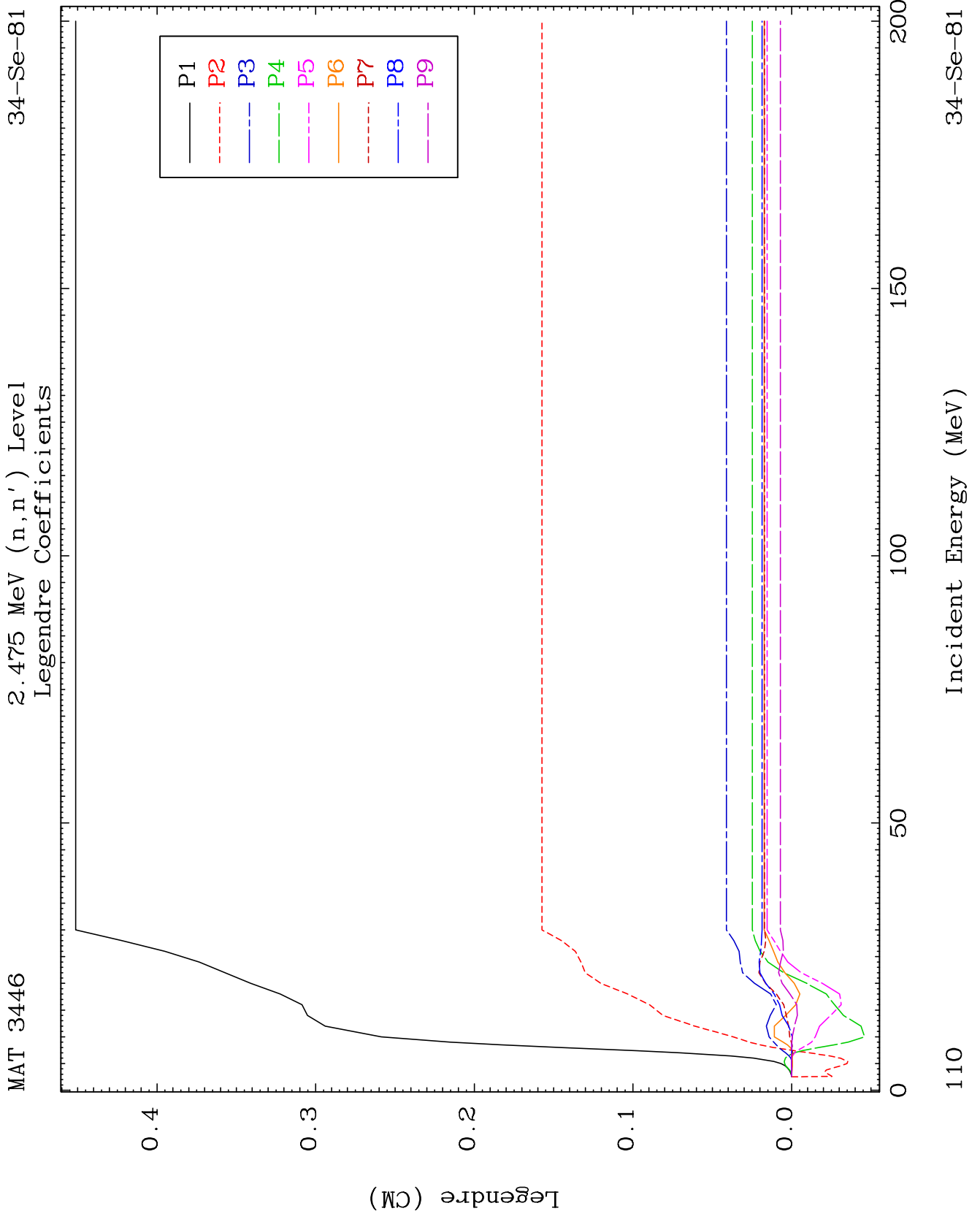
³⁴Se-81



109

Incident Energy (MeV)

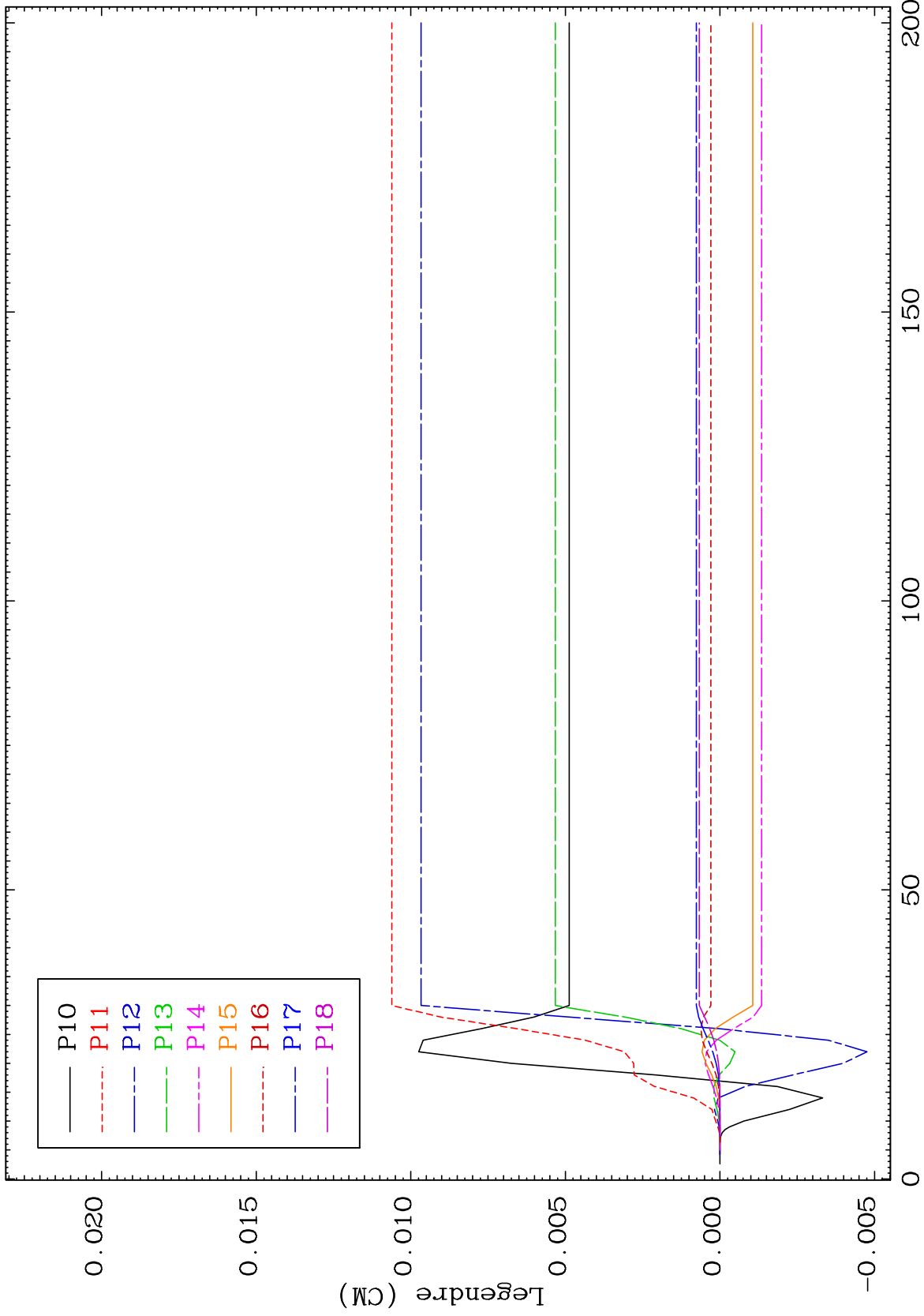
³⁴Se-81



MAT 3446

2.475 MeV (n,n') Level
Legendre Coefficients

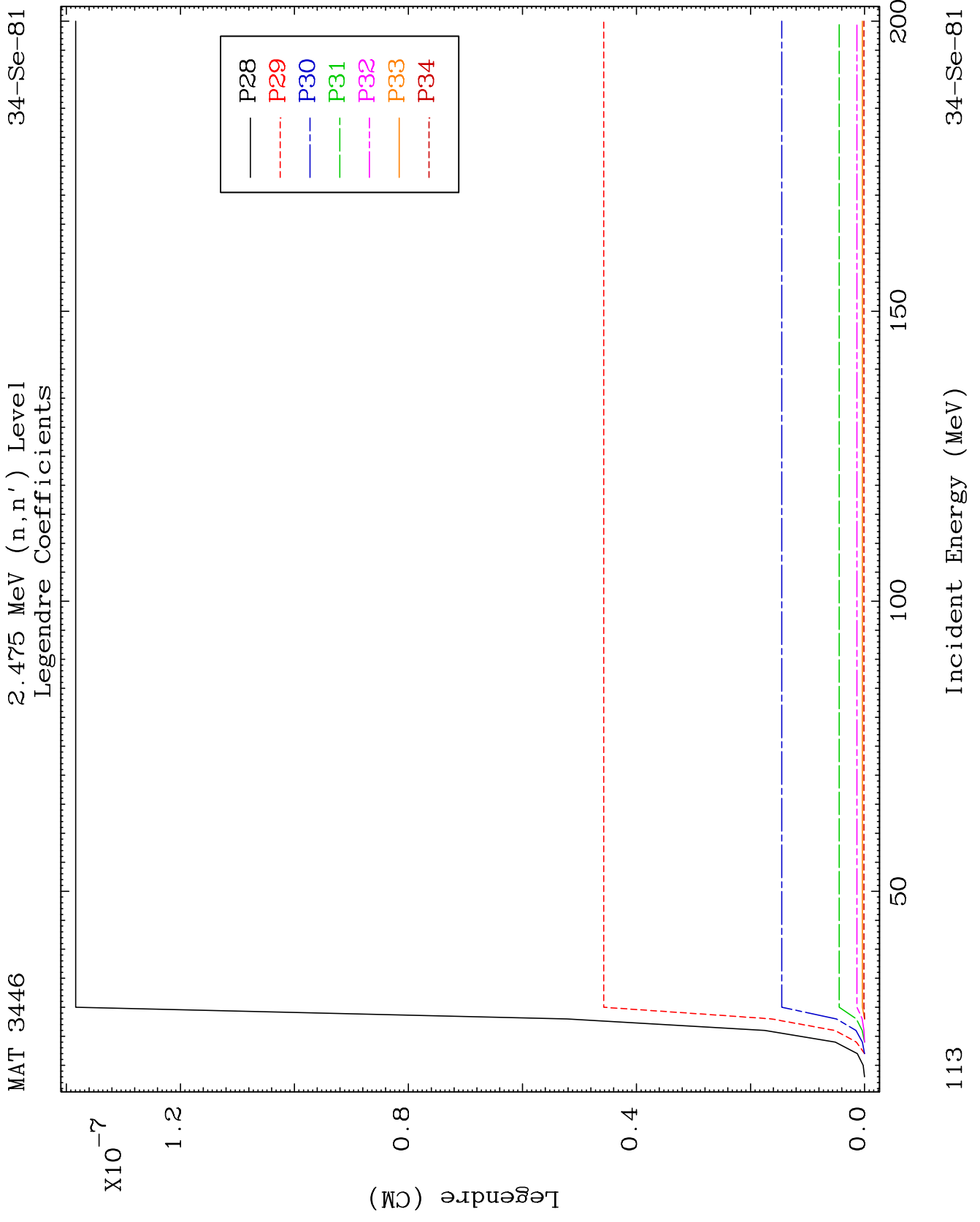
34-Se-81

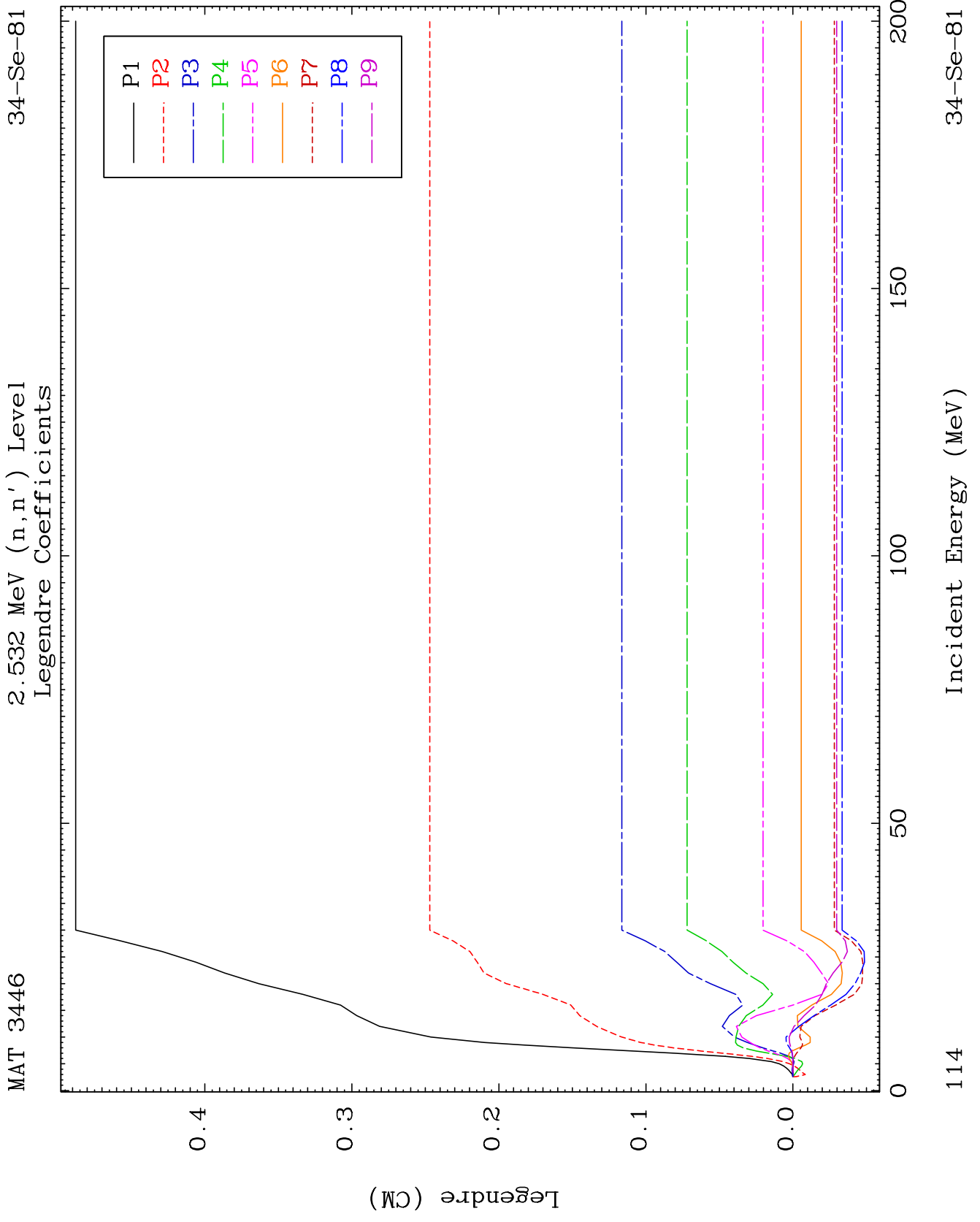


111

Incident Energy (MeV)

34-Se-81

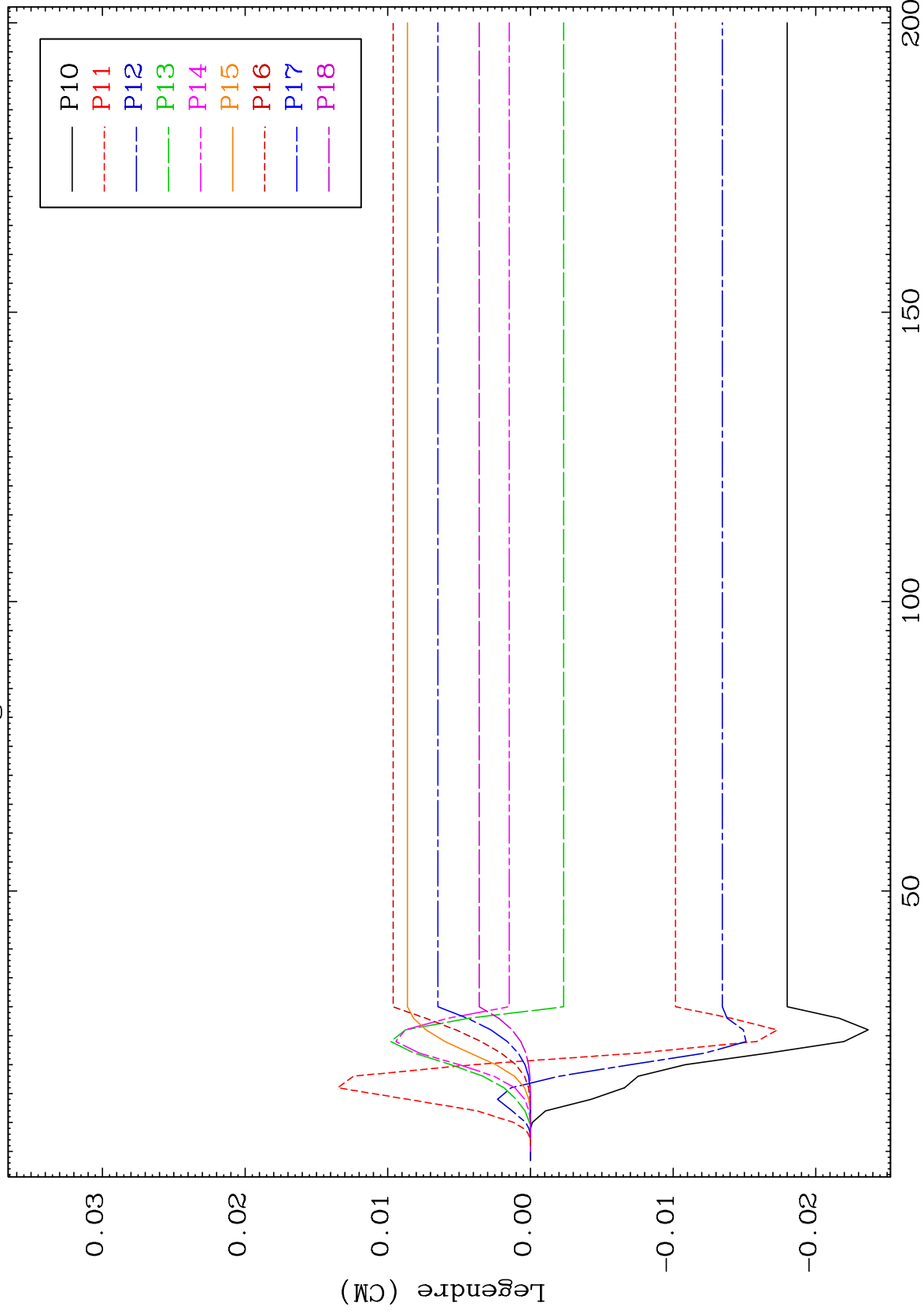




MAT 3446

2.532 MeV (n,n') Level
Legendre Coefficients

³⁴Se-81



115

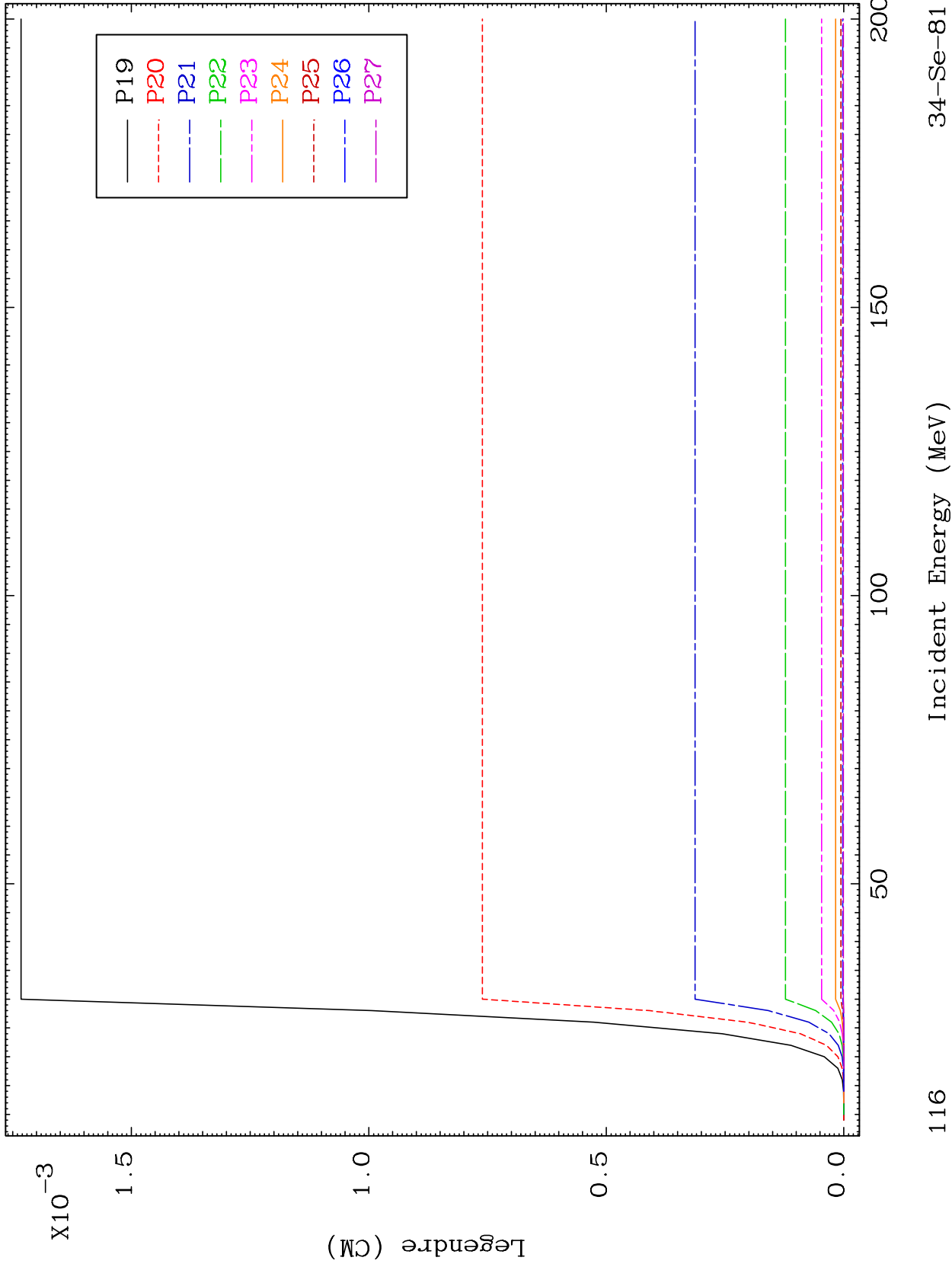
Incident Energy (MeV)

³⁴Se-81

MAT 3446

2.532 MeV (n,n') Level
Legendre Coefficients

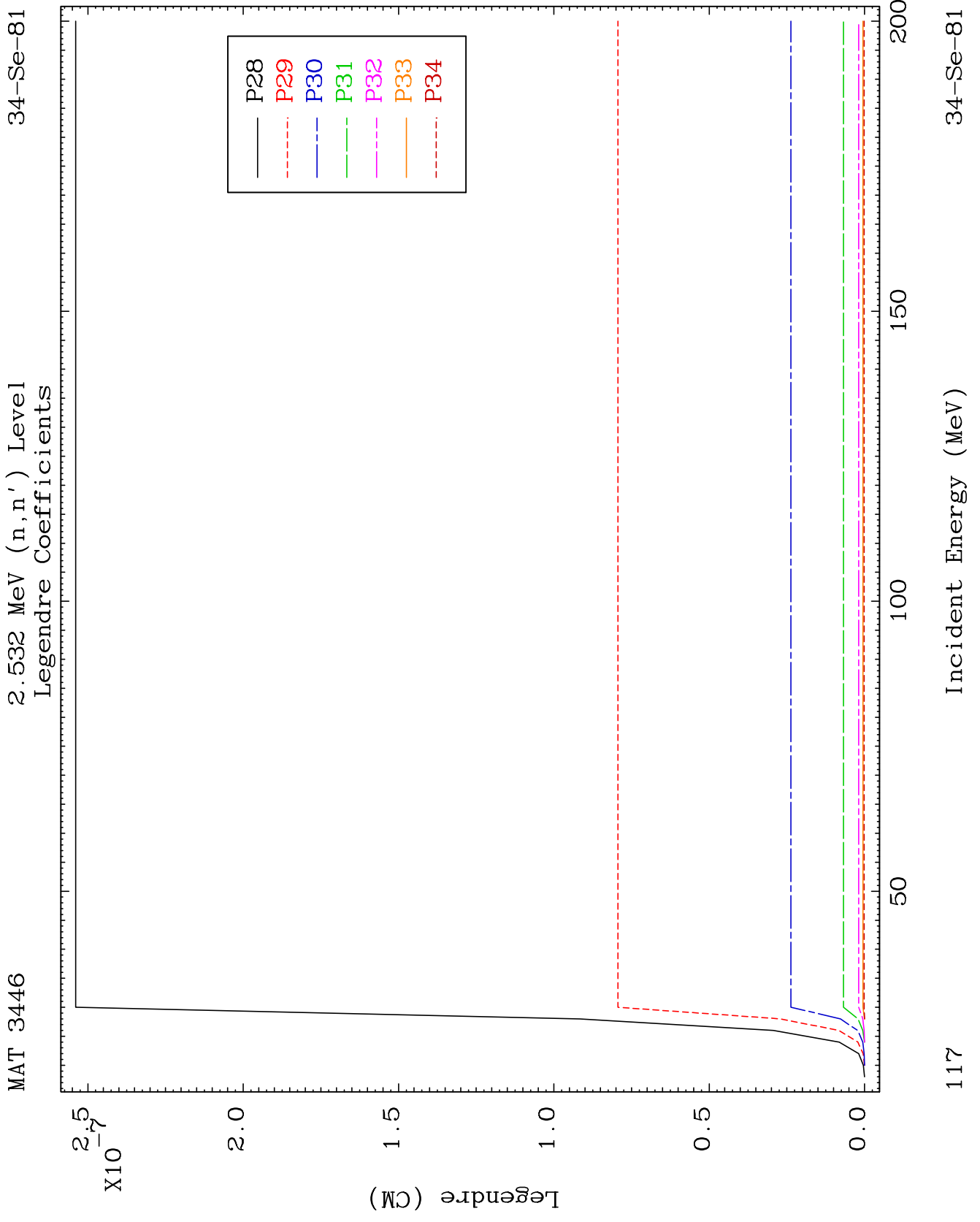
34-Se-81



116

Incident Energy (MeV)

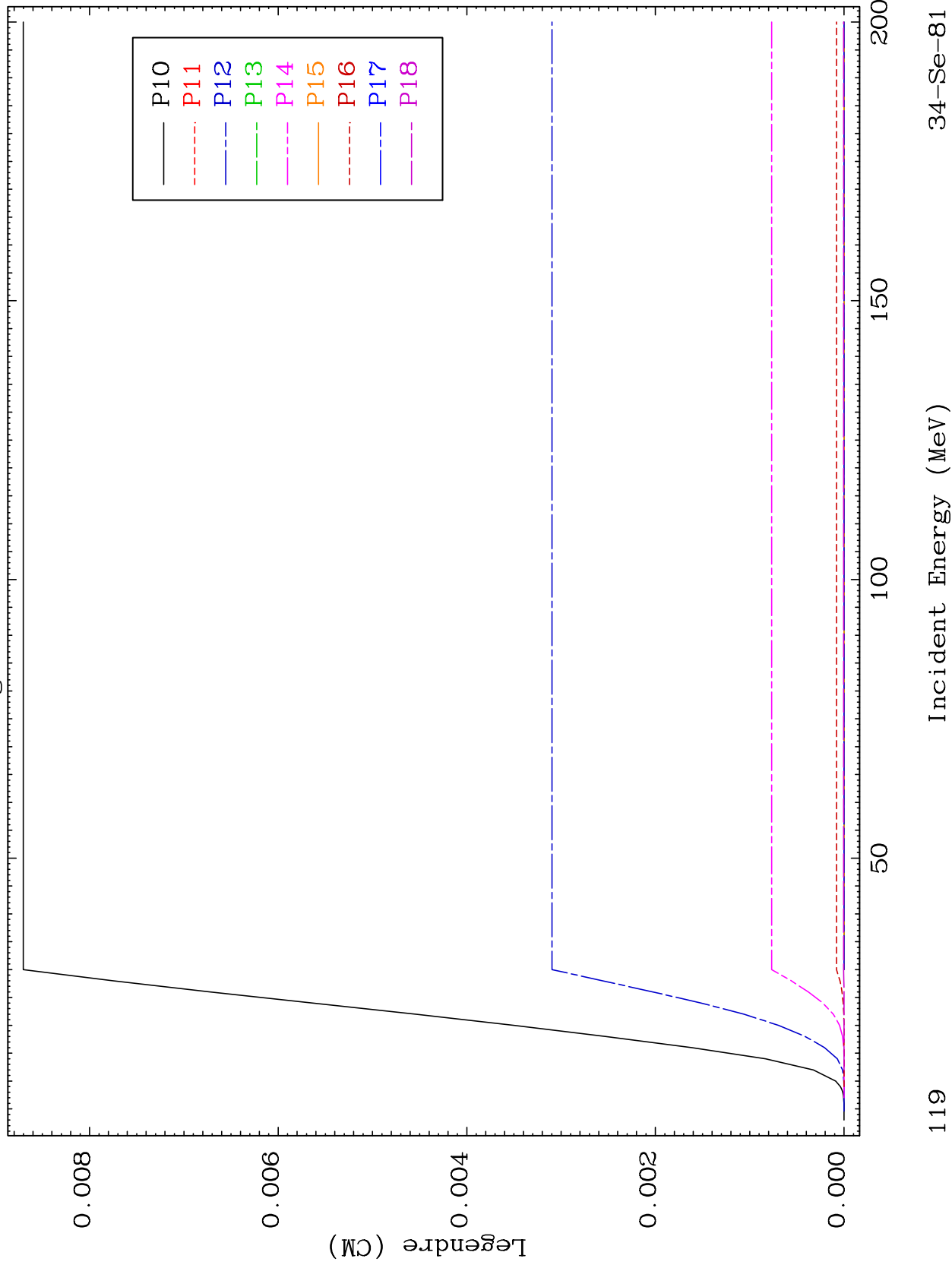
34-Se-81



MAT 3446

2.569 MeV (n,n') Level
Legendre Coefficients

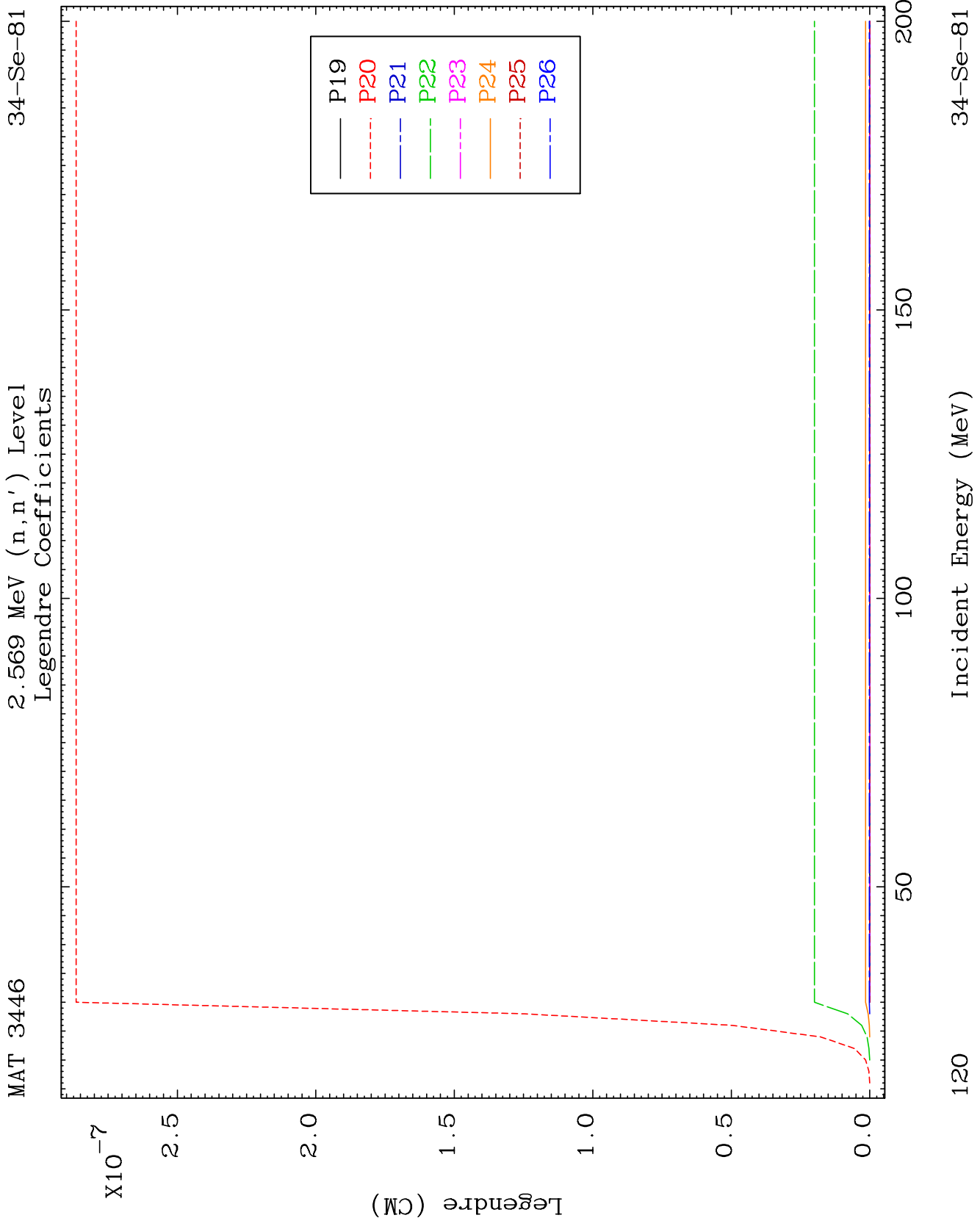
34-Se-81



119

Incident Energy (MeV)

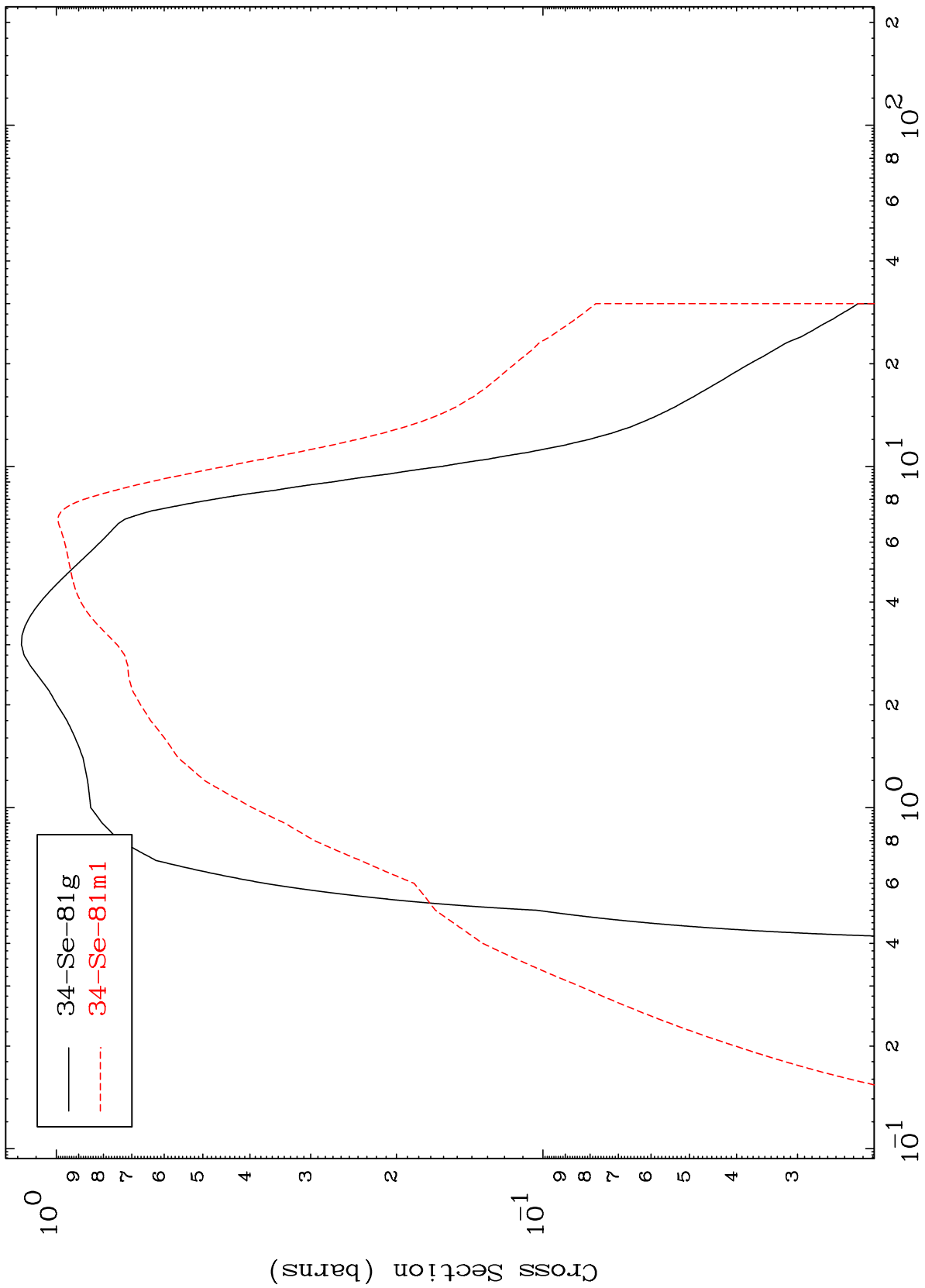
34-Se-81



MAT 3446

³⁴Se-81

Radionuclide Production Inelastic Cross Section



— 34-Se-81g
- - - 34-Se-81m1

³⁴Se-81

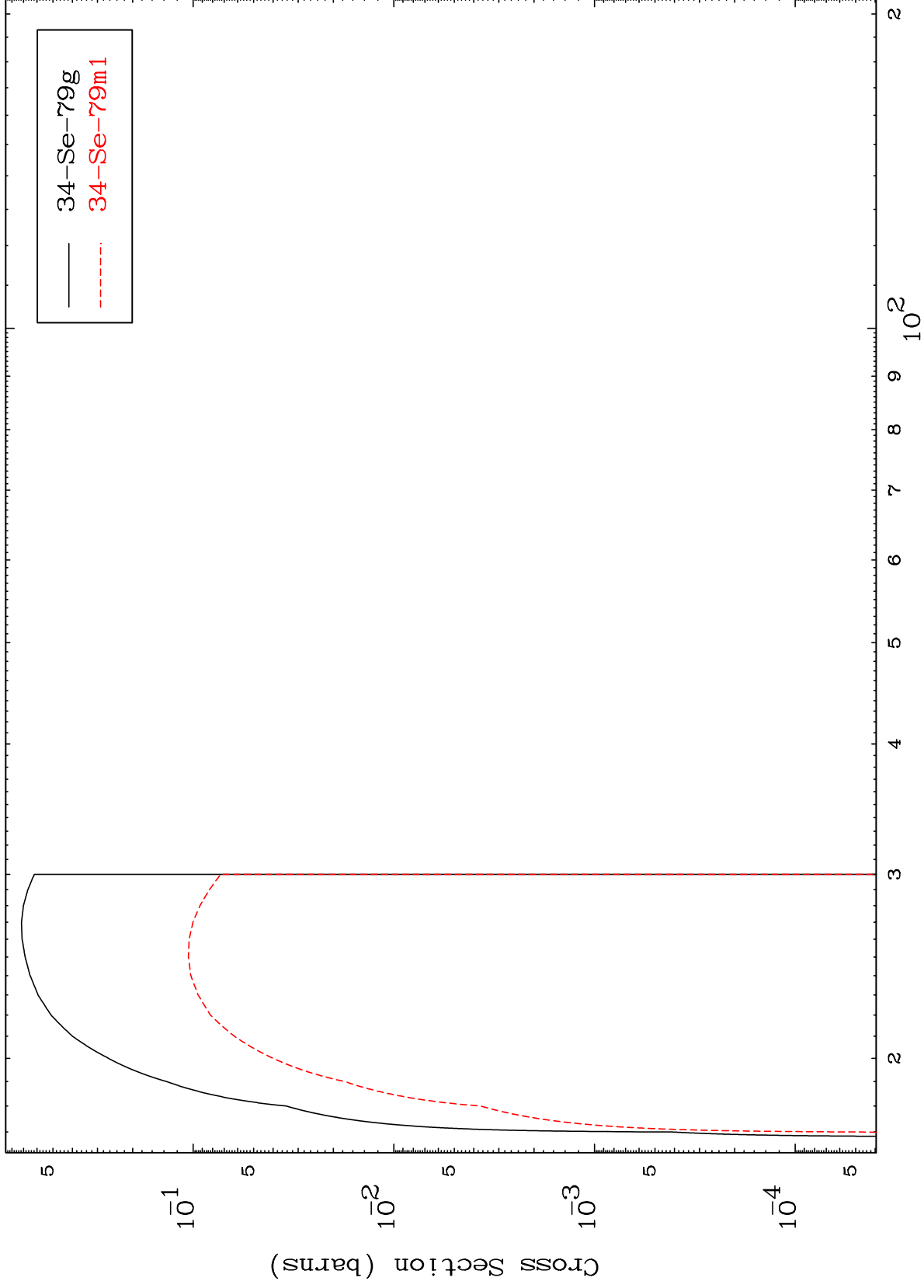
Incident Energy (MeV)

121

MAT 3446

³⁴Se-81

(n,3n)
Radionuclide Production Cross Section



122

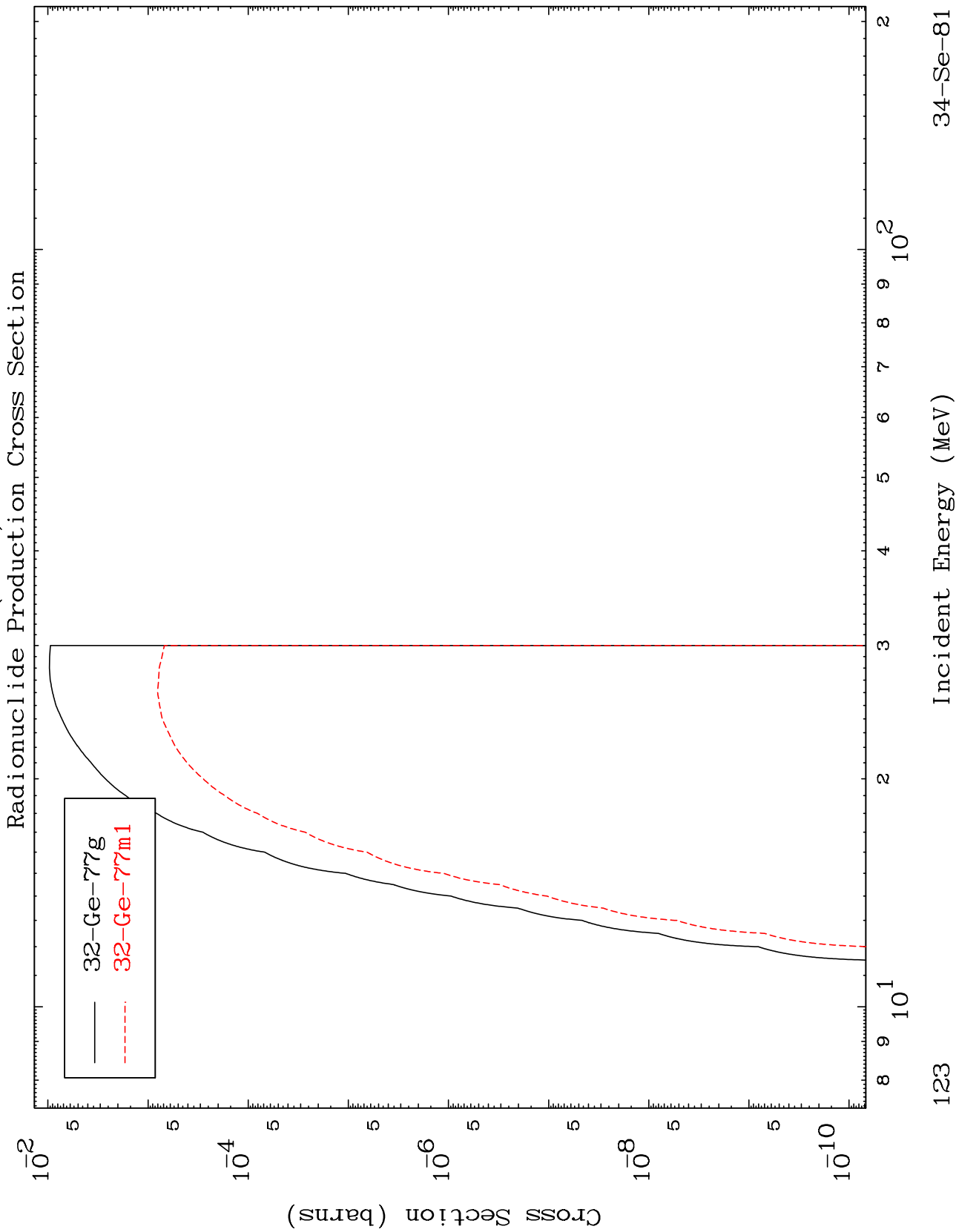
Incident Energy (MeV)

³⁴Se-81

MAT 3446

$(n, n') \alpha$

$^{34}\text{Se-81}$



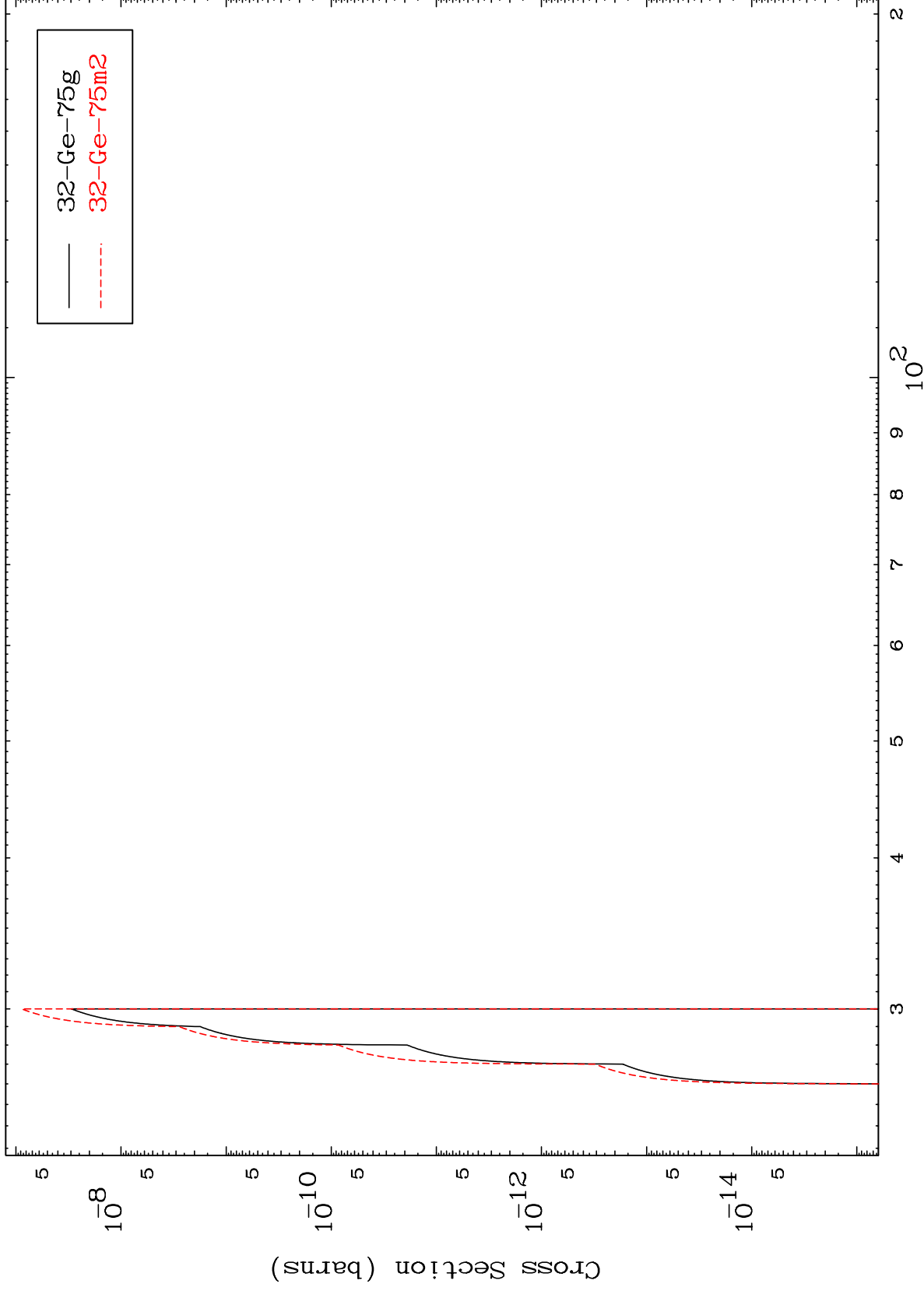
123

MAT 3446

(n,3n) α

34-^{Se}-81

Radionuclide Production Cross Section



124

Incident Energy (MeV)

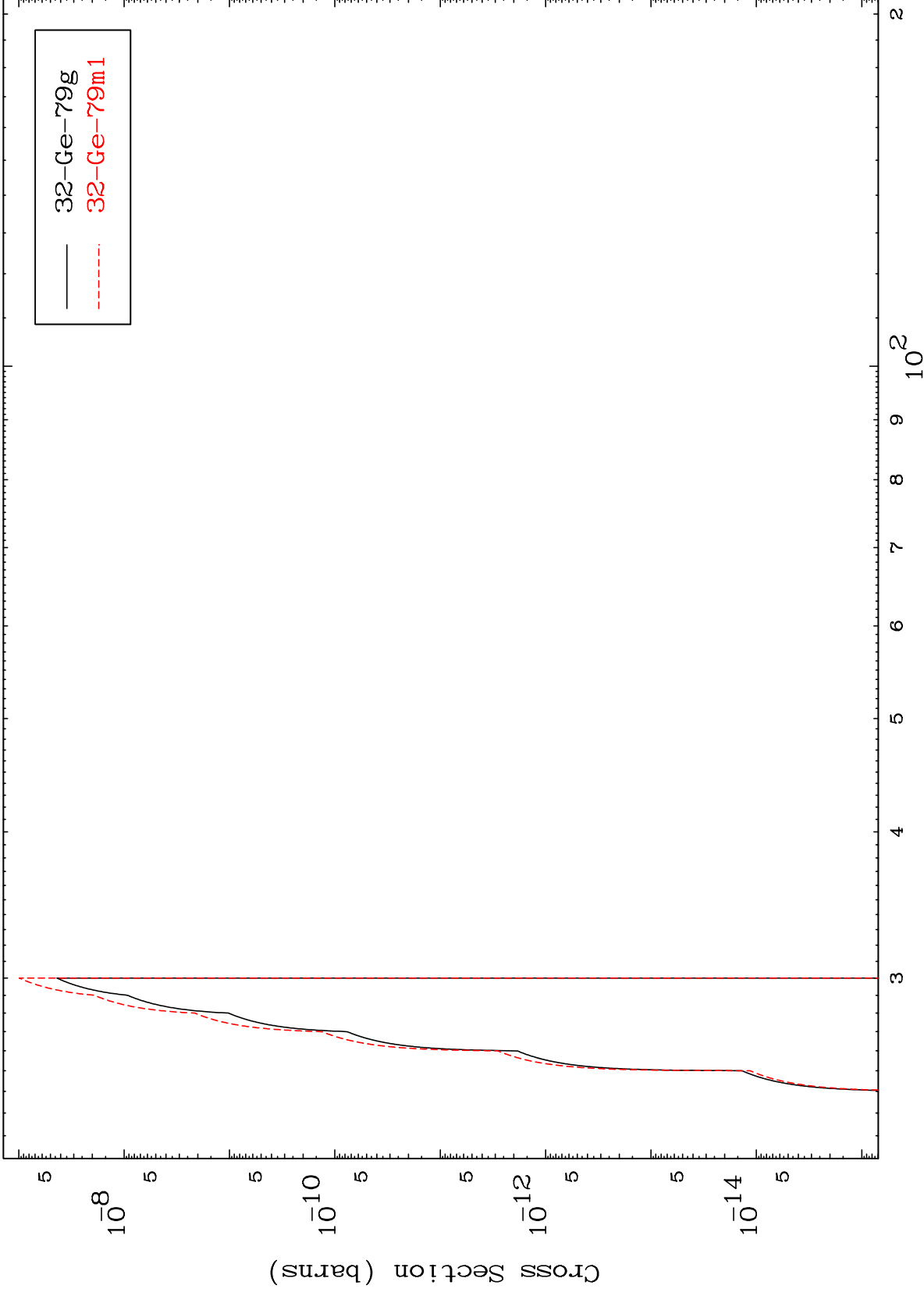
34-^{Se}-81

MAT 3446

(n,2n) p

³⁴Se-81

Radionuclide Production Cross Section



125

Incident Energy (MeV)

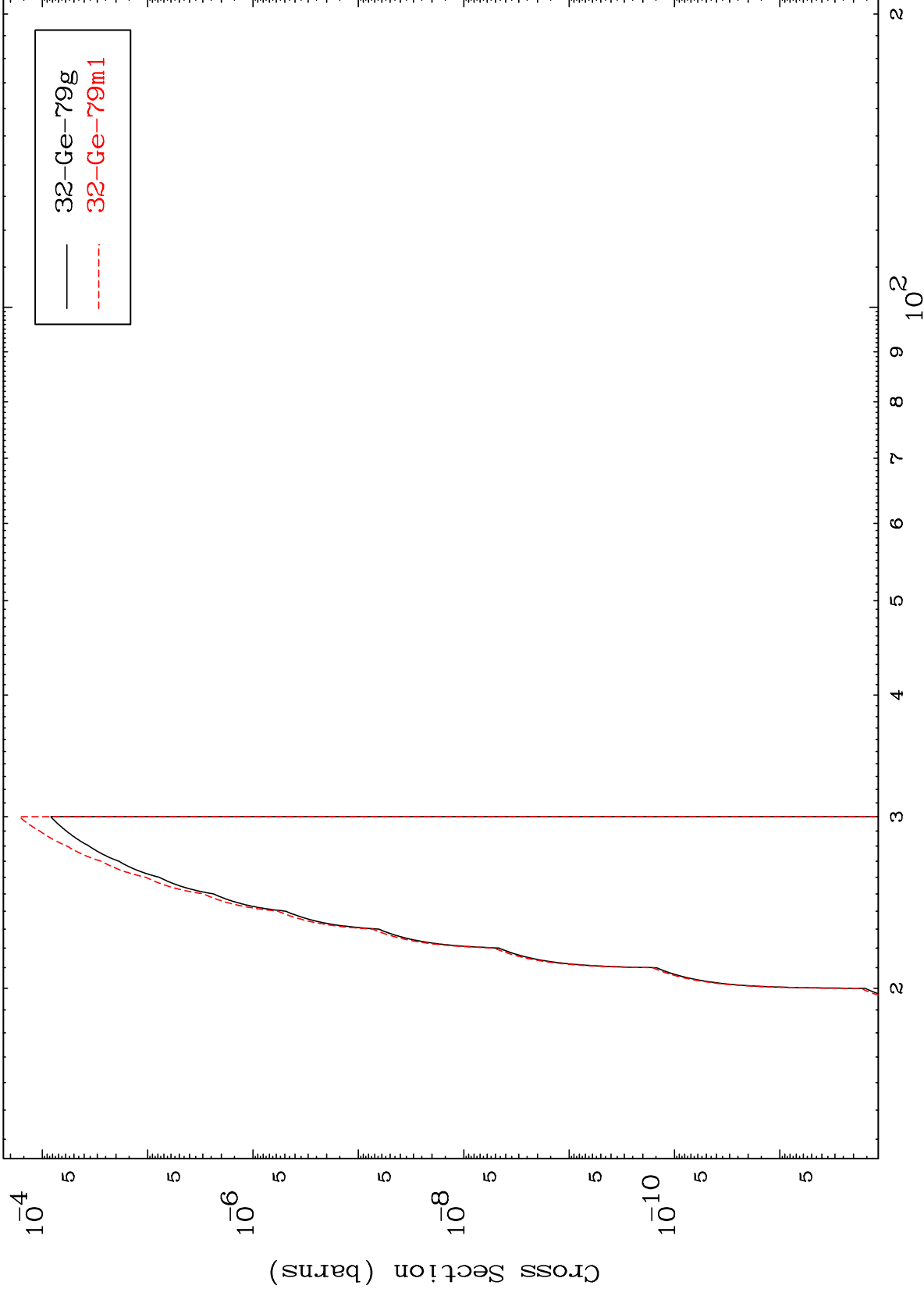
³⁴Se-81

MAT 3446

(n,He-3)

34-Se-81

Radionuclide Production Cross Section



32-Ge-79g
32-Ge-79m1

126

Incident Energy (MeV)

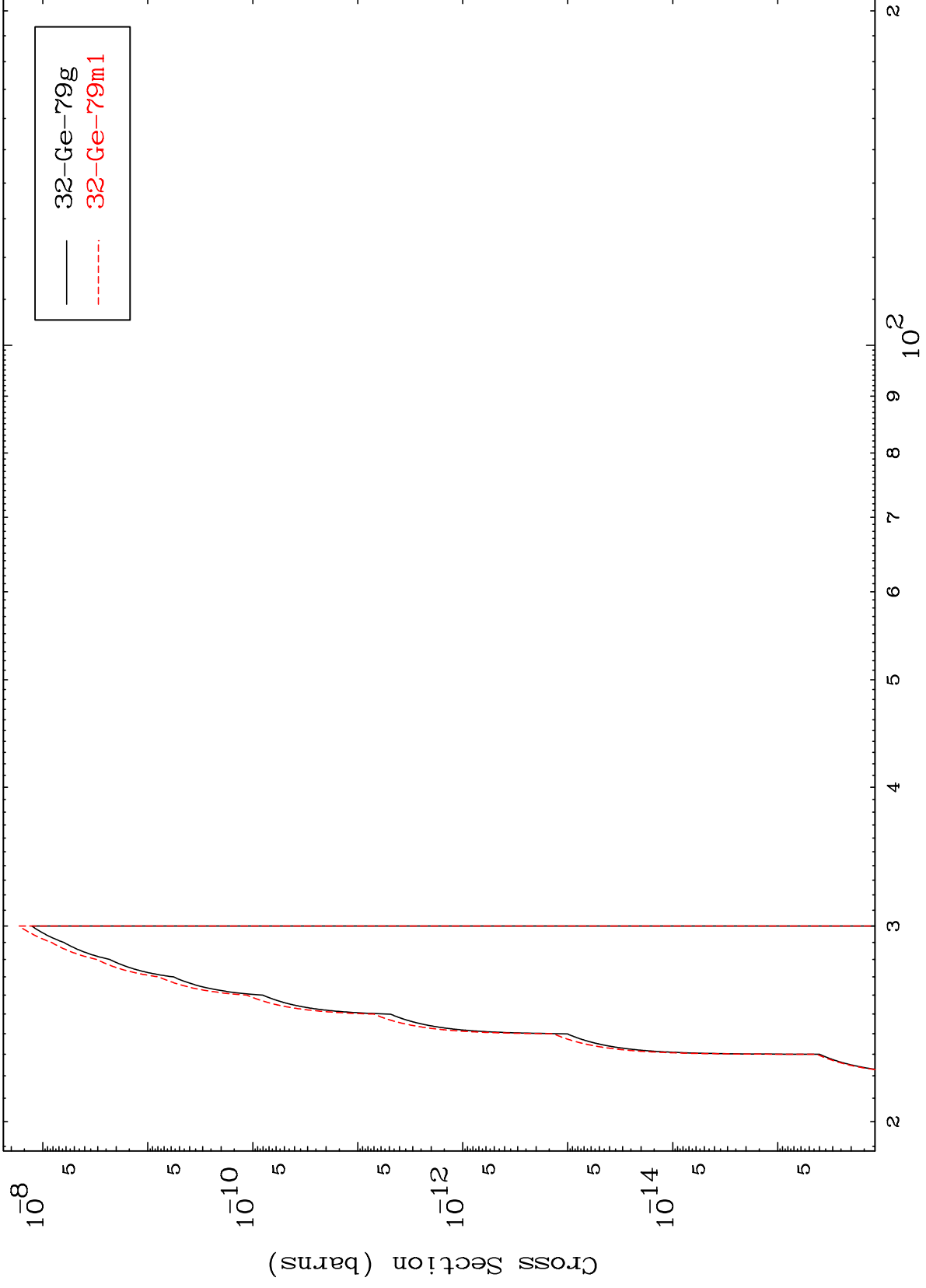
34-Se-81

MAT 3446

(n,p) d

³⁴Se-81

Radionuclide Production Cross Section



127

Incident Energy (MeV)

³⁴Se-81