

Program EVALPLOT
(Version 2015-2)

by

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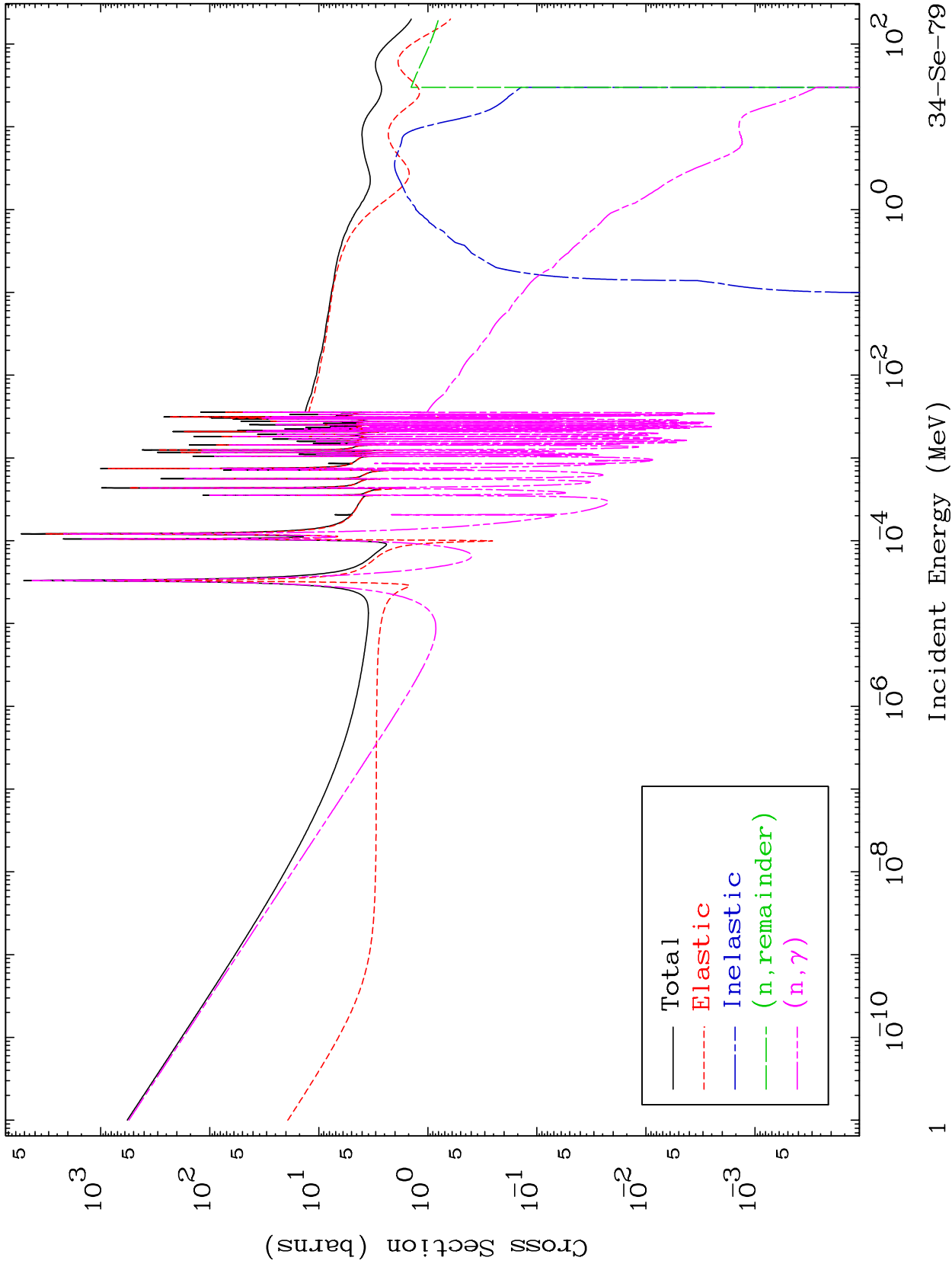
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3440

Major
293 Kelvin Cross Sections

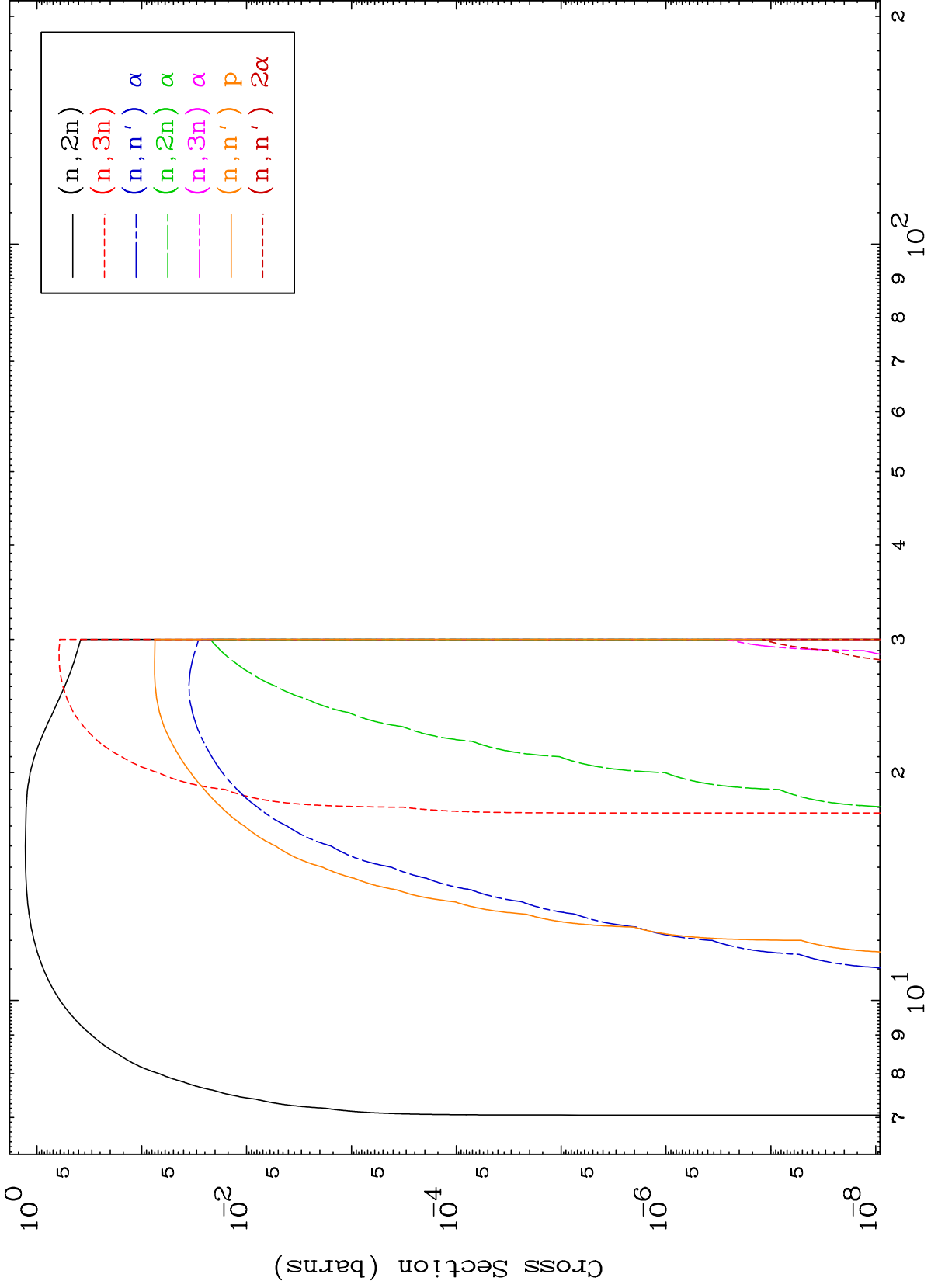
³⁴Se-79



MAT 3440

Neutron Production 293 Kelvin Cross Sections

34-Se-79

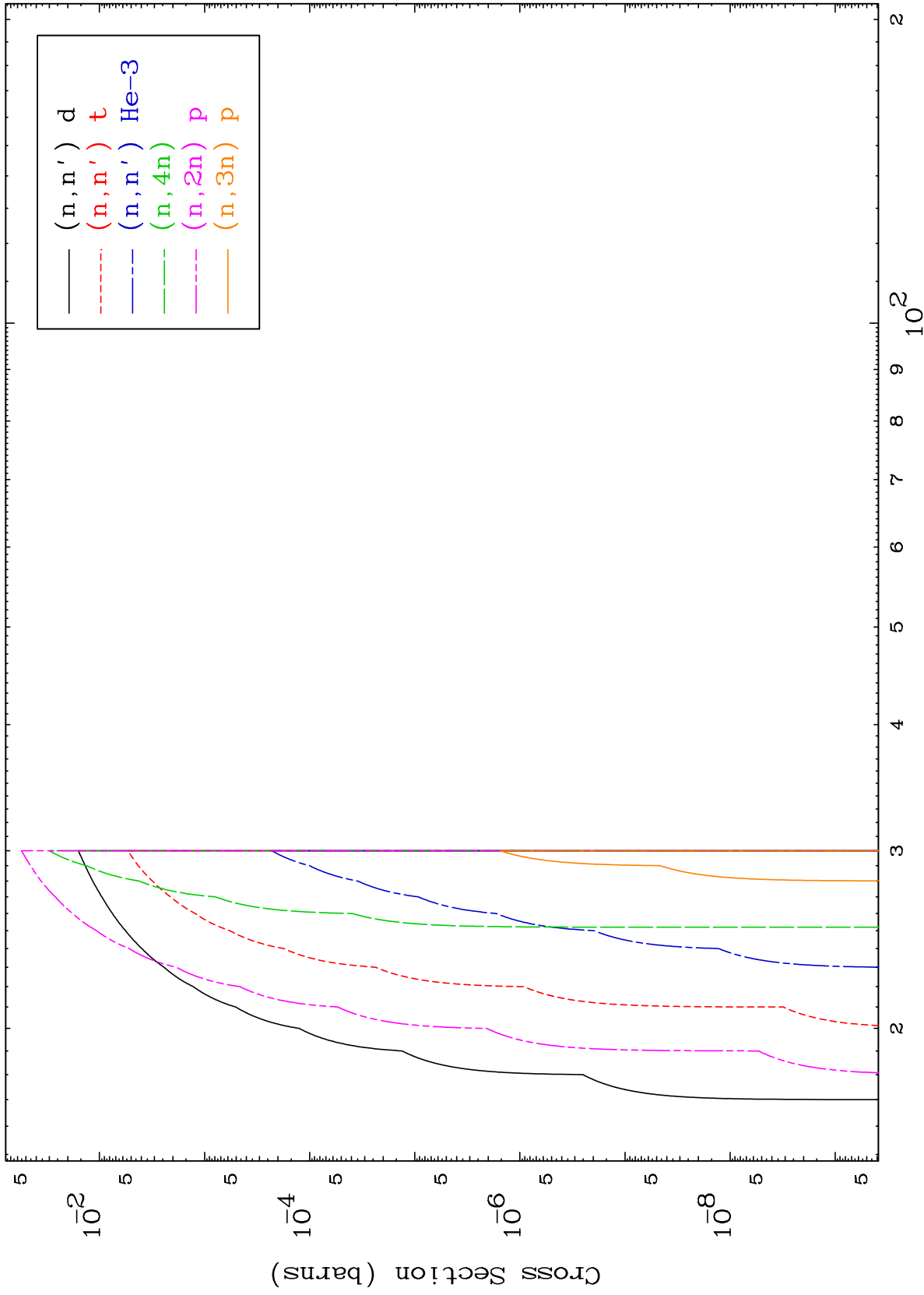


2

Incident Energy (MeV)

34-Se-79

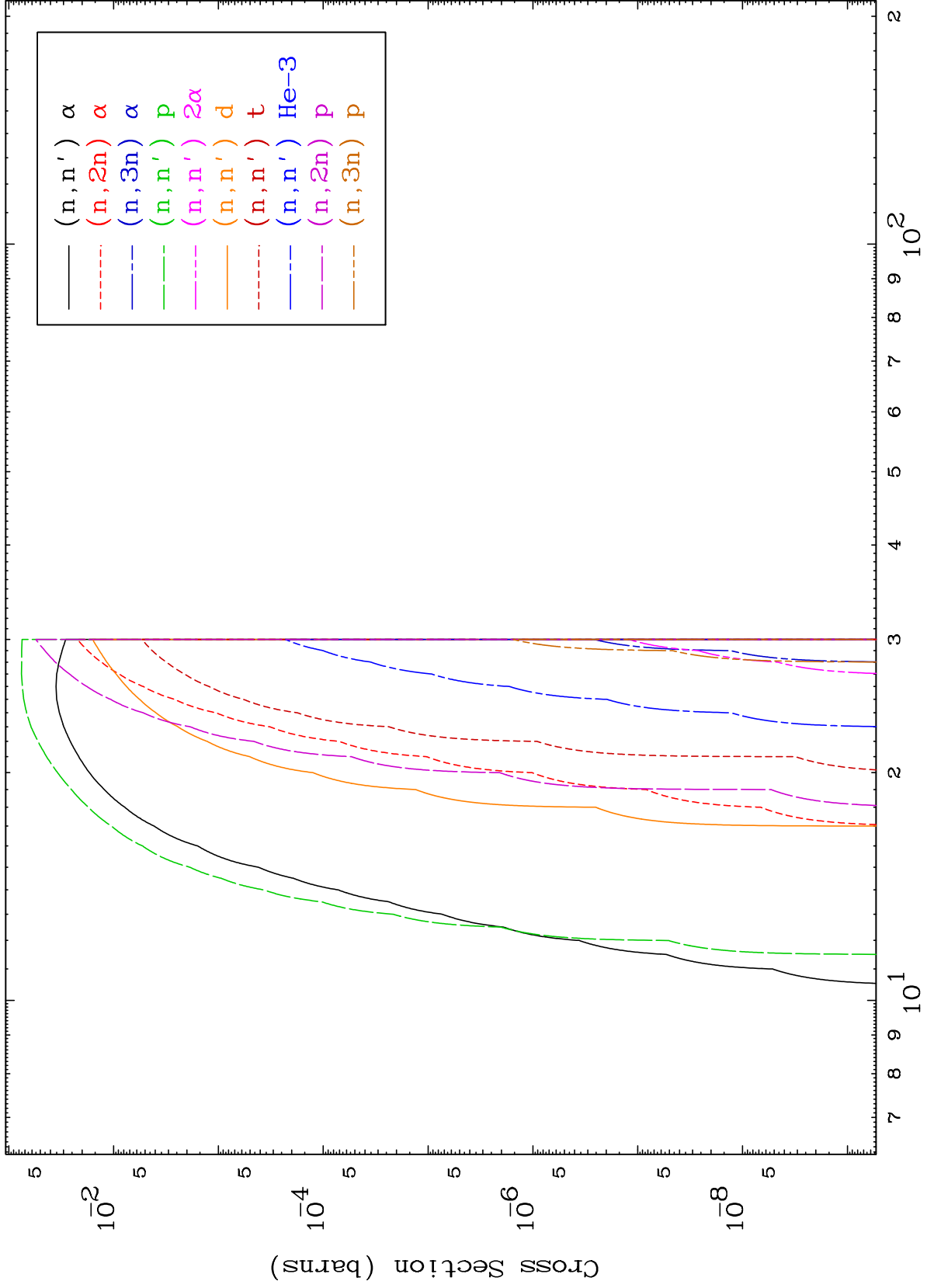
Neutron Production
293 Kelvin Cross Sections



MAT 3440

Charged Particle
293 Kelvin Cross Sections

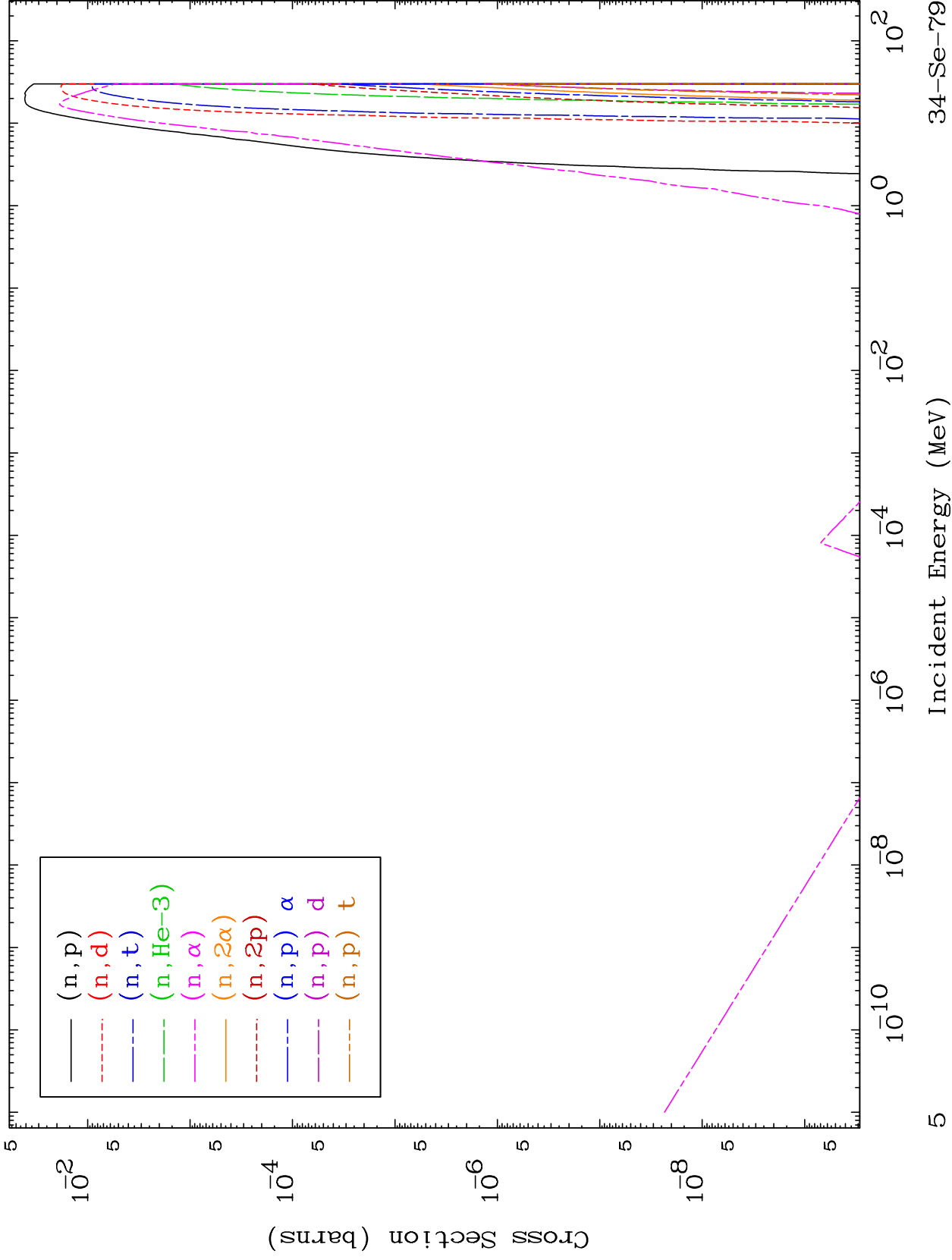
³⁴Se-79



MAT 3440

Charged Particle
293 Kelvin Cross Sections

34-Se-79



5

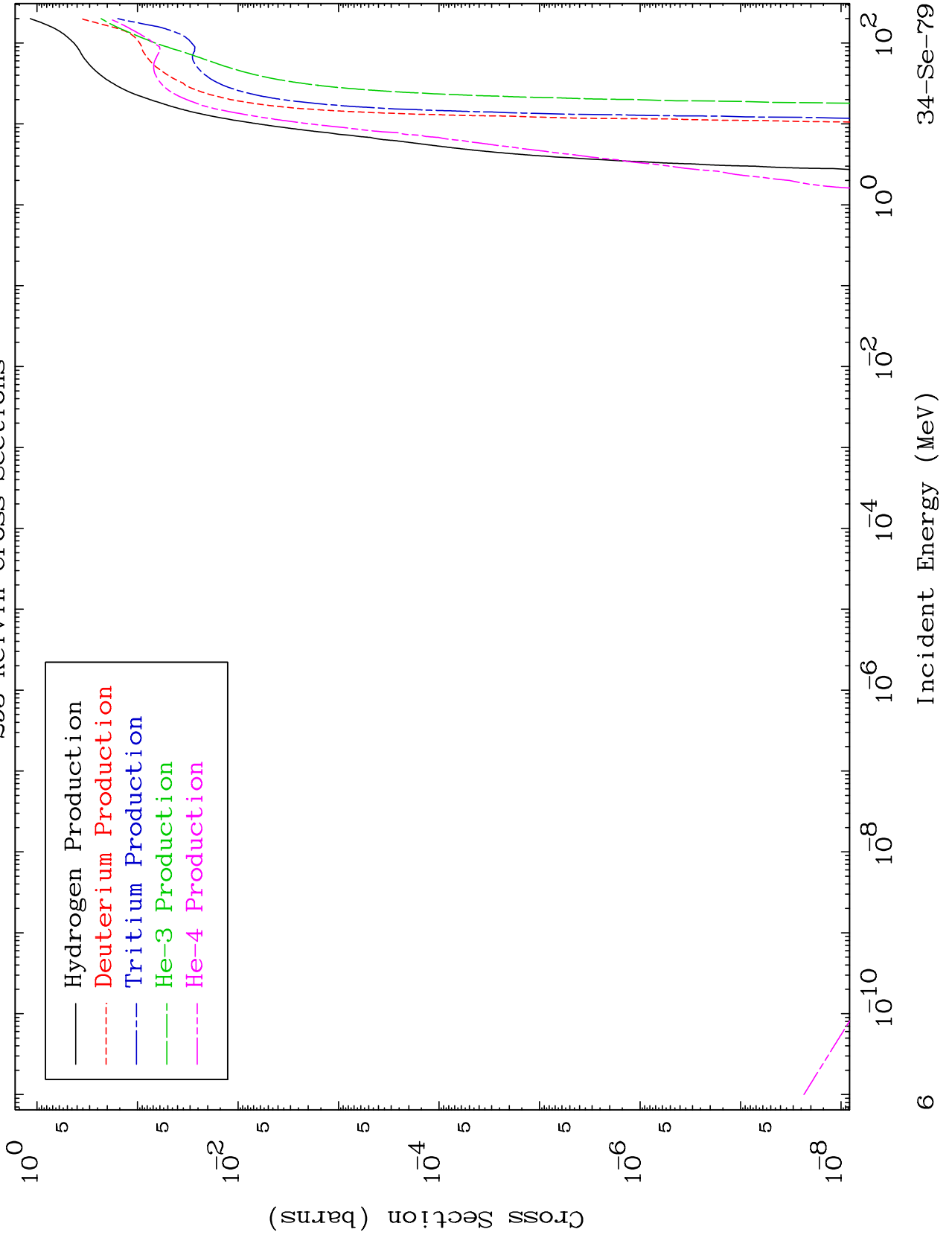
Incident Energy (MeV)

34-Se-79

MAT 3440

Particle Production
293 Kelvin Cross Sections

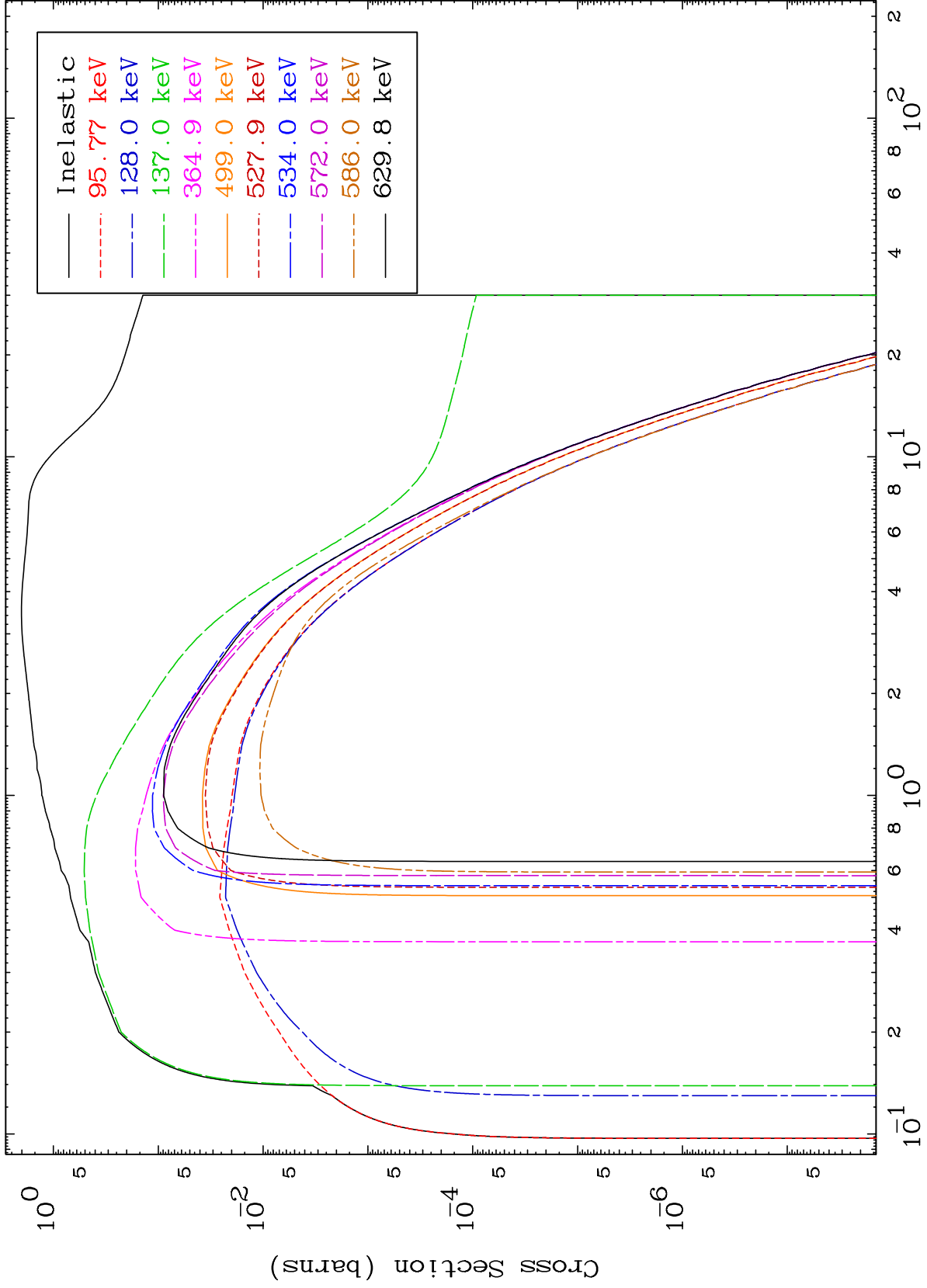
34-Se-79



MAT 3440

(n,n') Level
293 Kelvin Cross Sections

³⁴Se-79



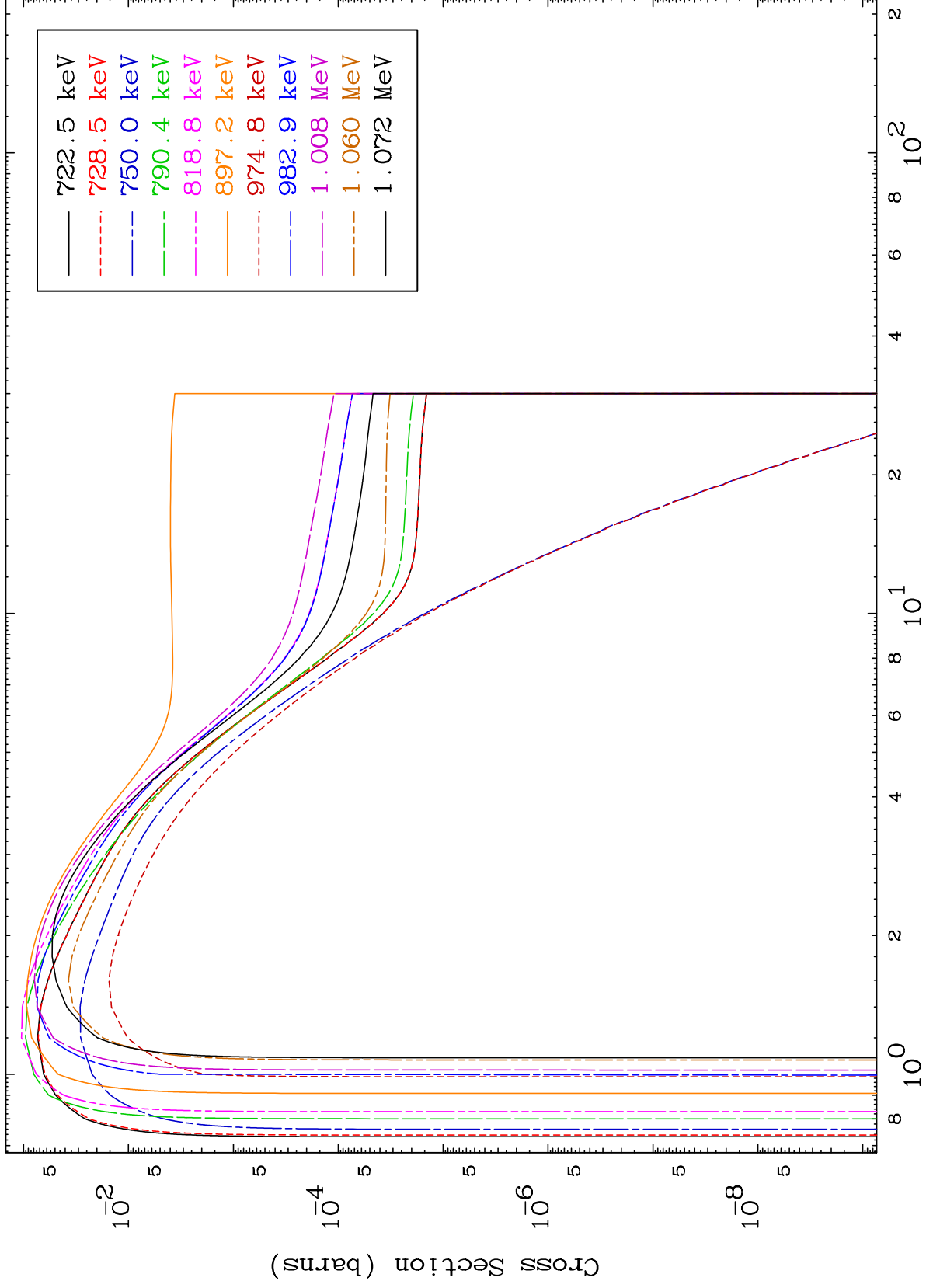
Incident Energy (MeV)

³⁴Se-79

MAT 3440

(n,n') Level
293 Kelvin Cross Sections

³⁴Se-79



8

Incident Energy (MeV)

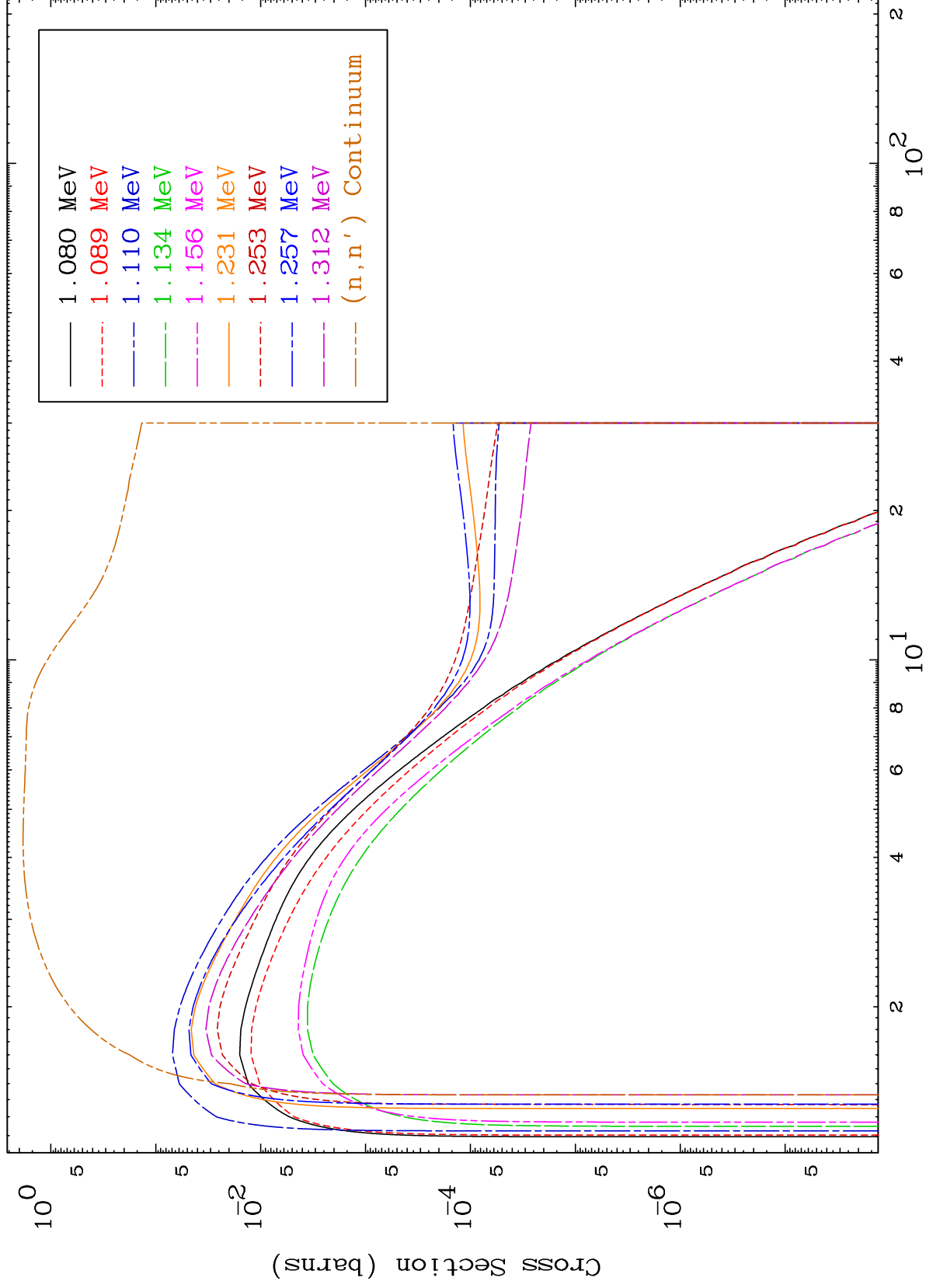
³⁴Se-79

MAT 3440

(n,n') Level

³⁴Se-79

293 Kelvin Cross Sections



9

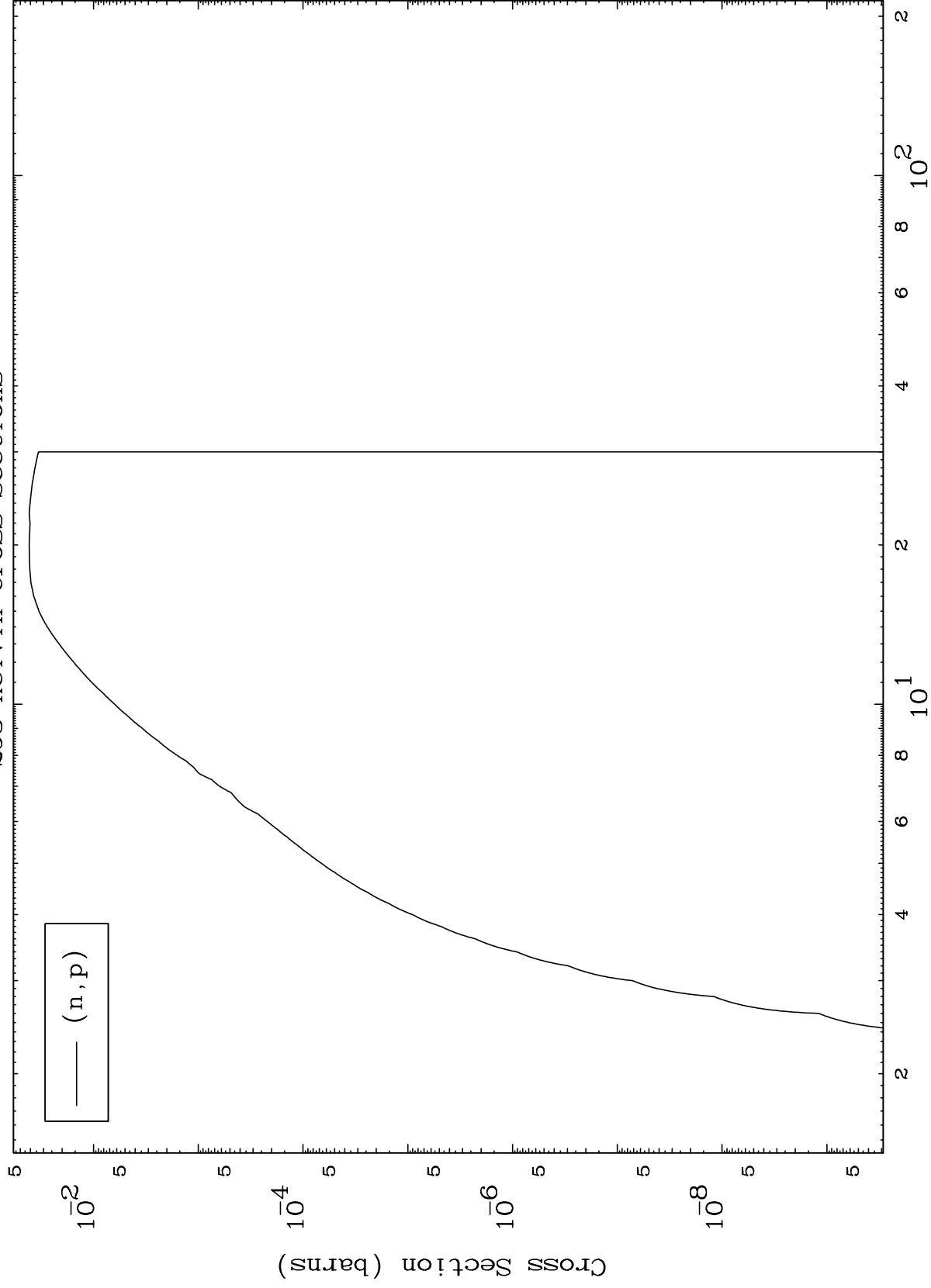
Incident Energy (MeV)

³⁴Se-79

MAT 3440

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-79



10

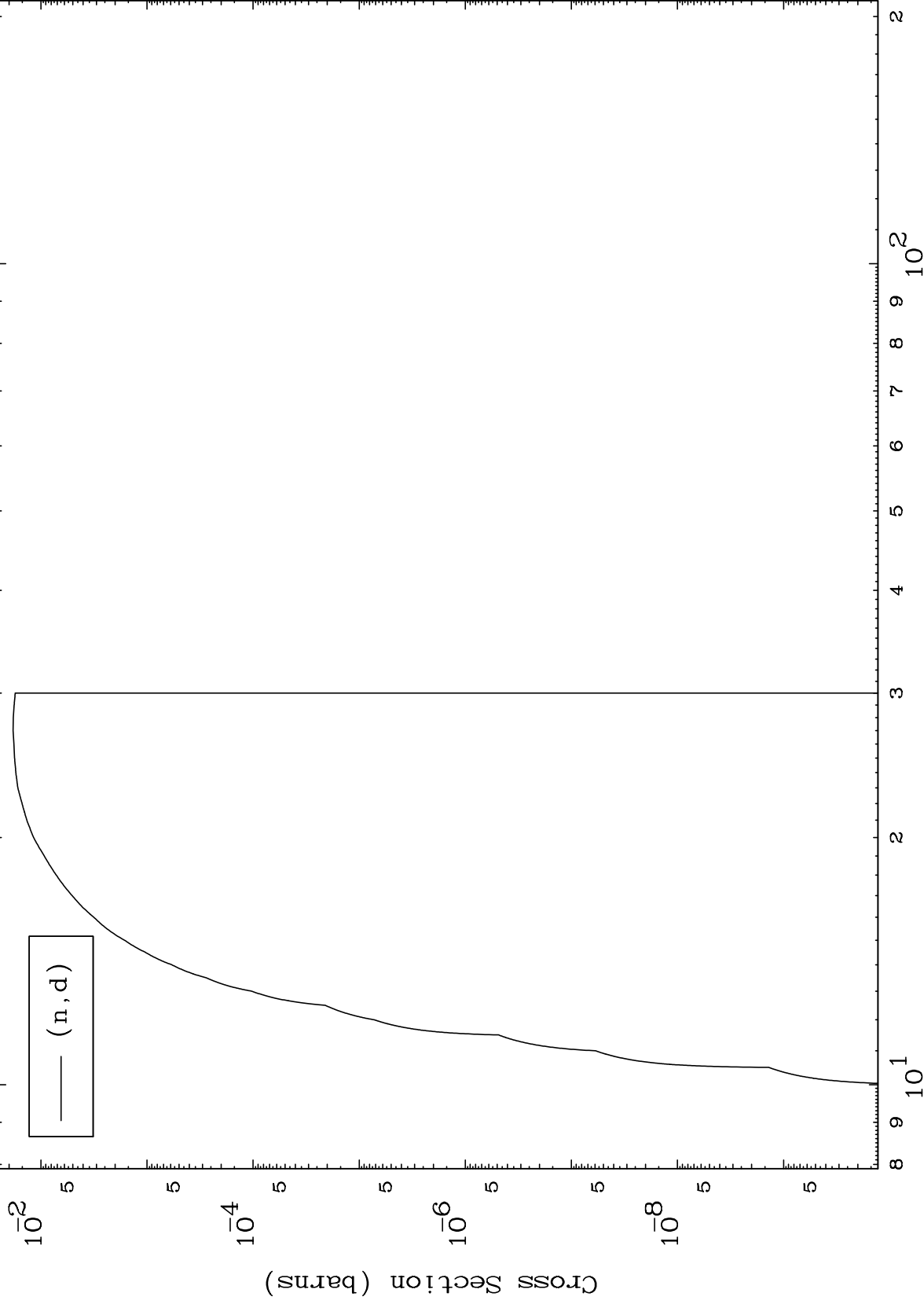
Incident Energy (MeV)

³⁴Se-79

MAT 3440

(n,d) Levels
293 Kelvin Cross Sections

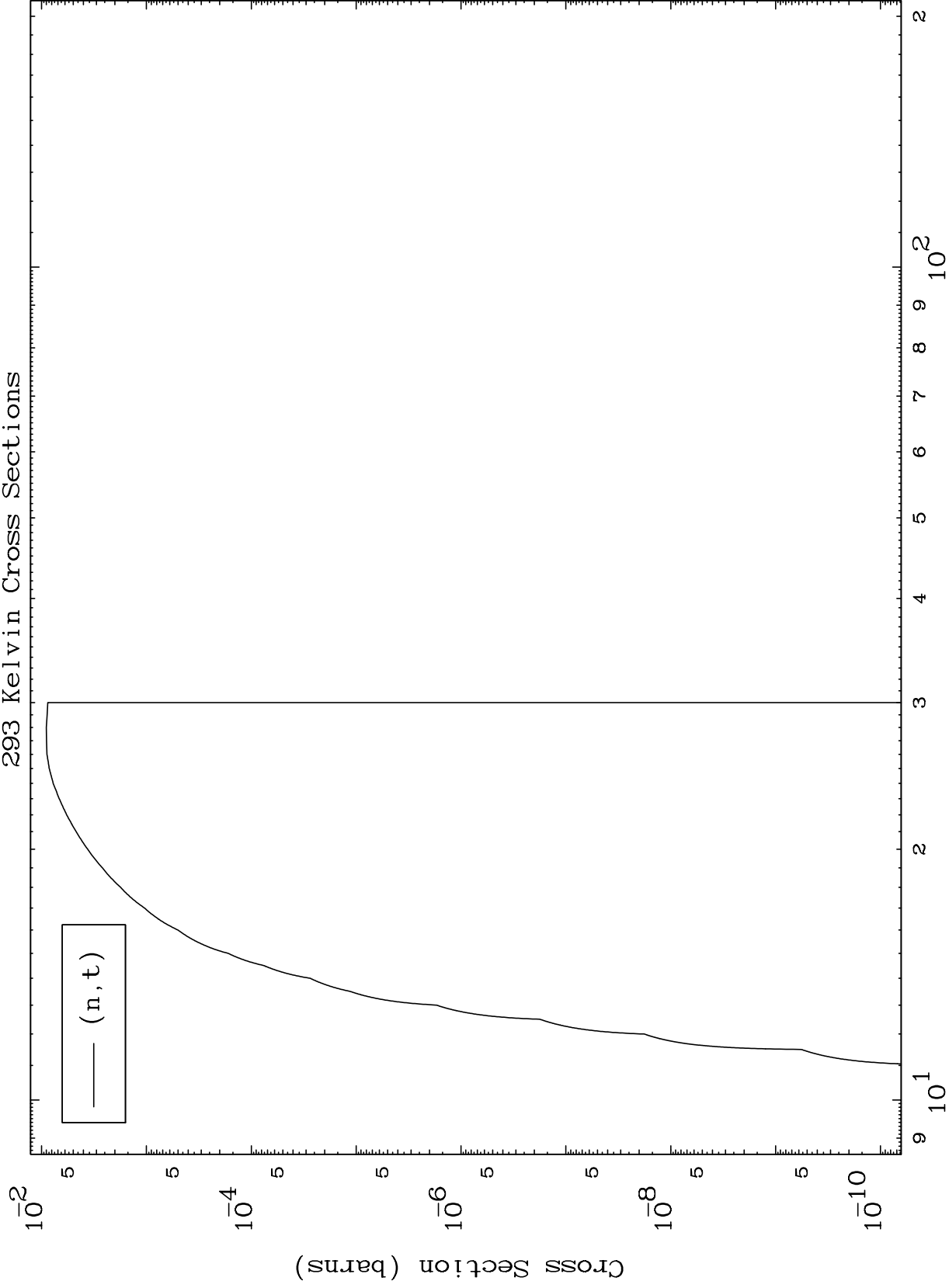
³⁴Se-79



MAT 3440

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-79



Incident Energy (MeV)

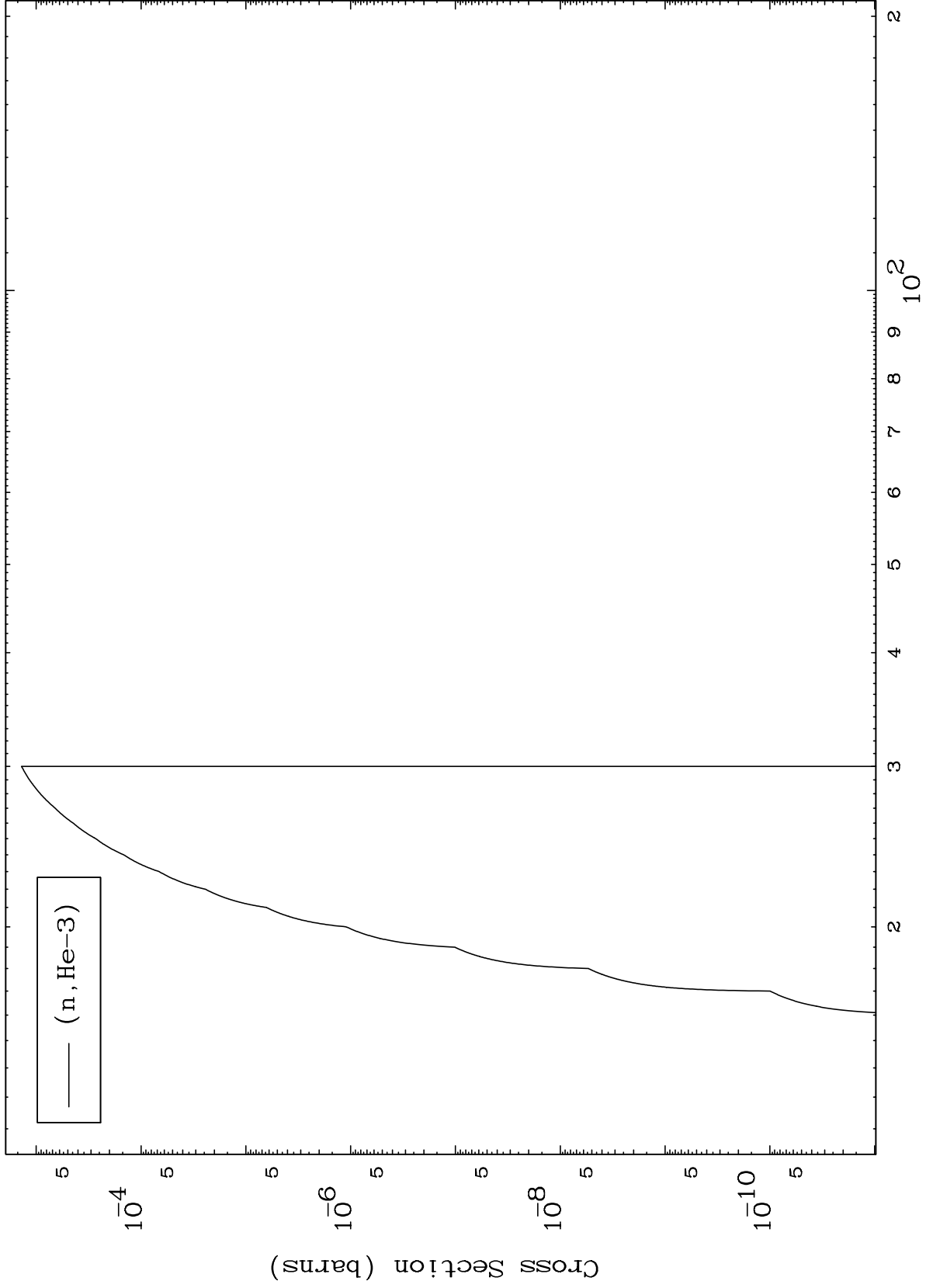
³⁴Se-79

12

MAT 3440

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-79



13

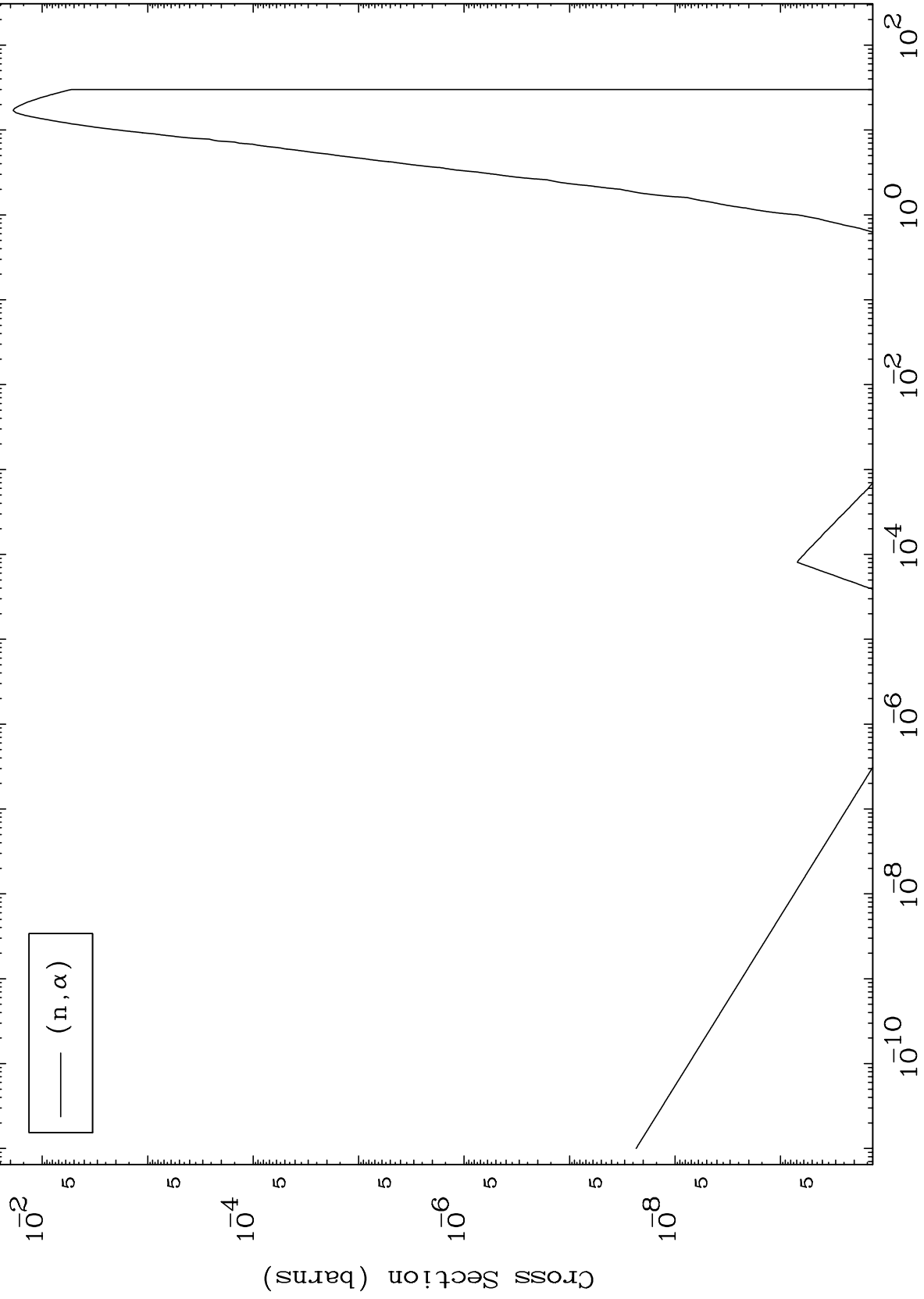
Incident Energy (MeV)

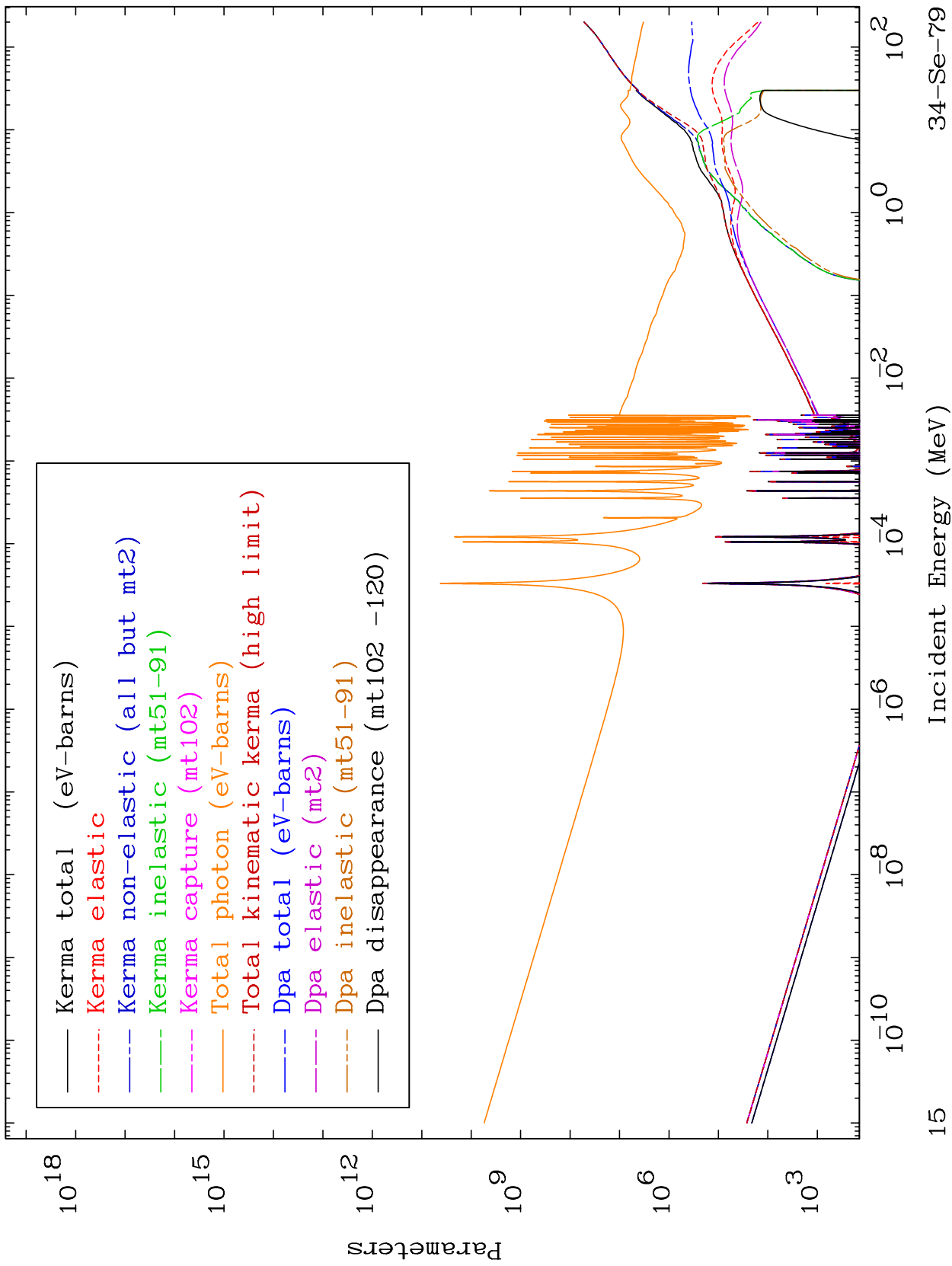
34-Se-79

MAT 3440

(n, α) Levels
293 Kelvin Cross Sections

³⁴Se-79

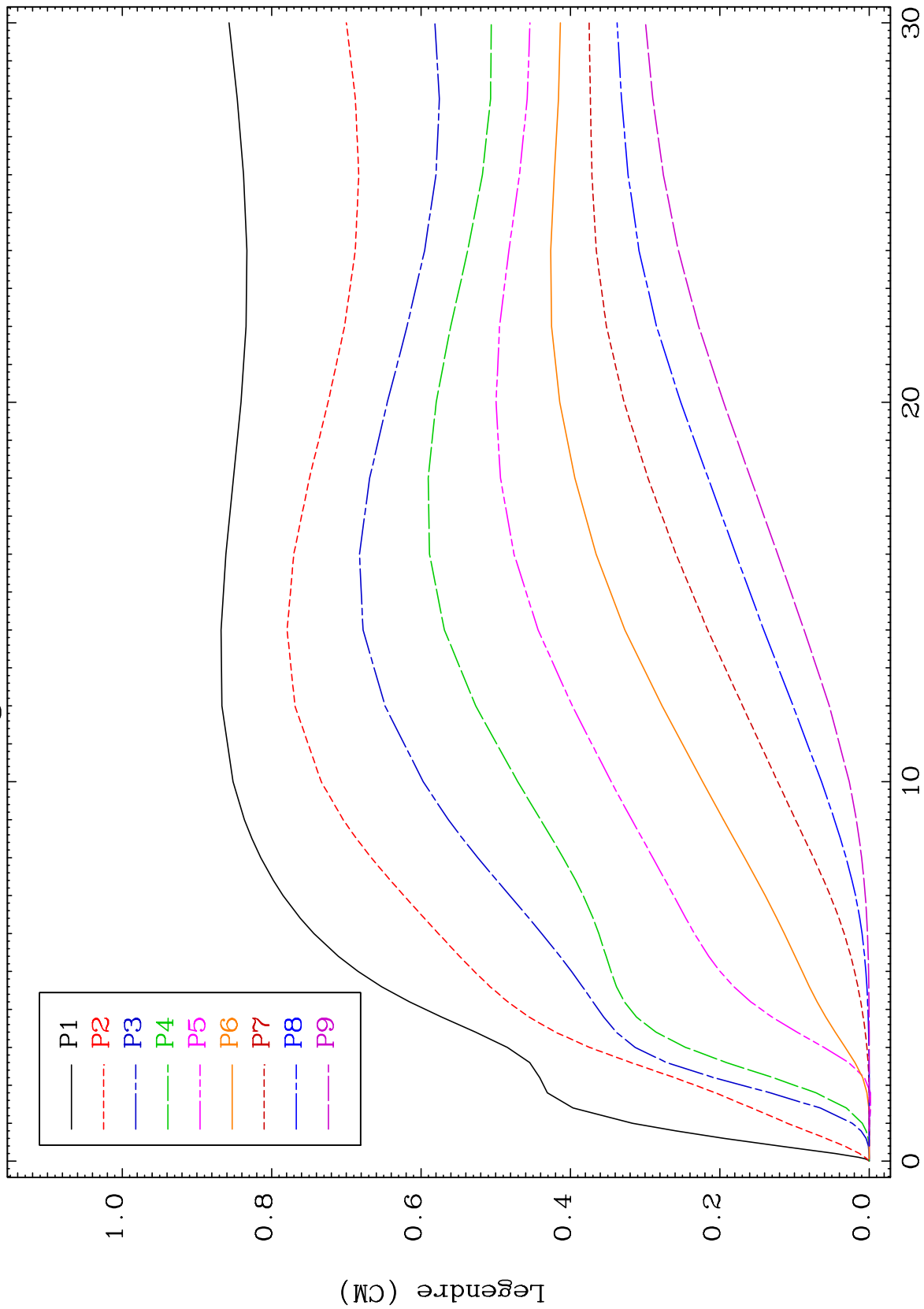




MAT 3440

Elastic Legendre Coefficients

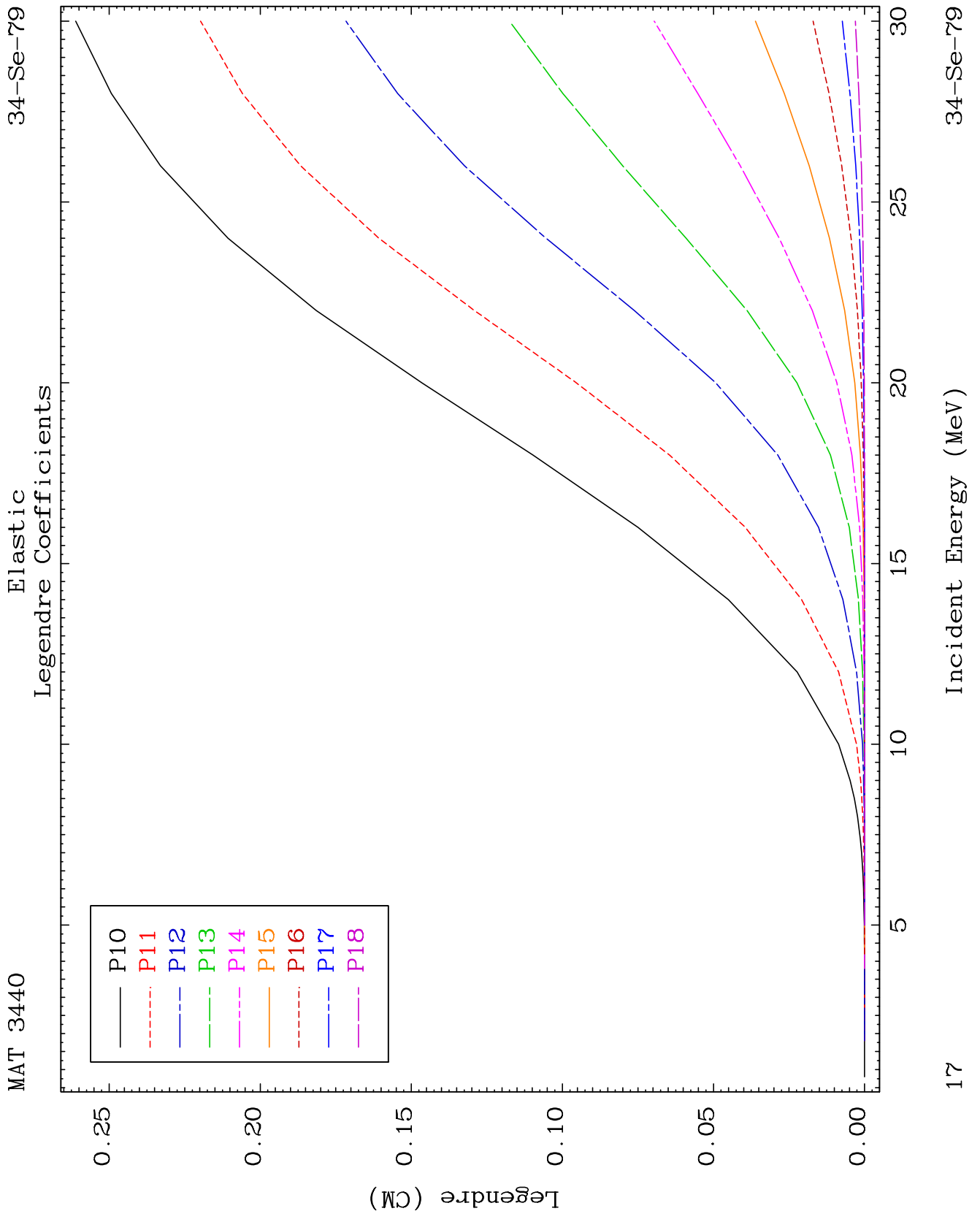
³⁴Se-79



16

Incident Energy (MeV)

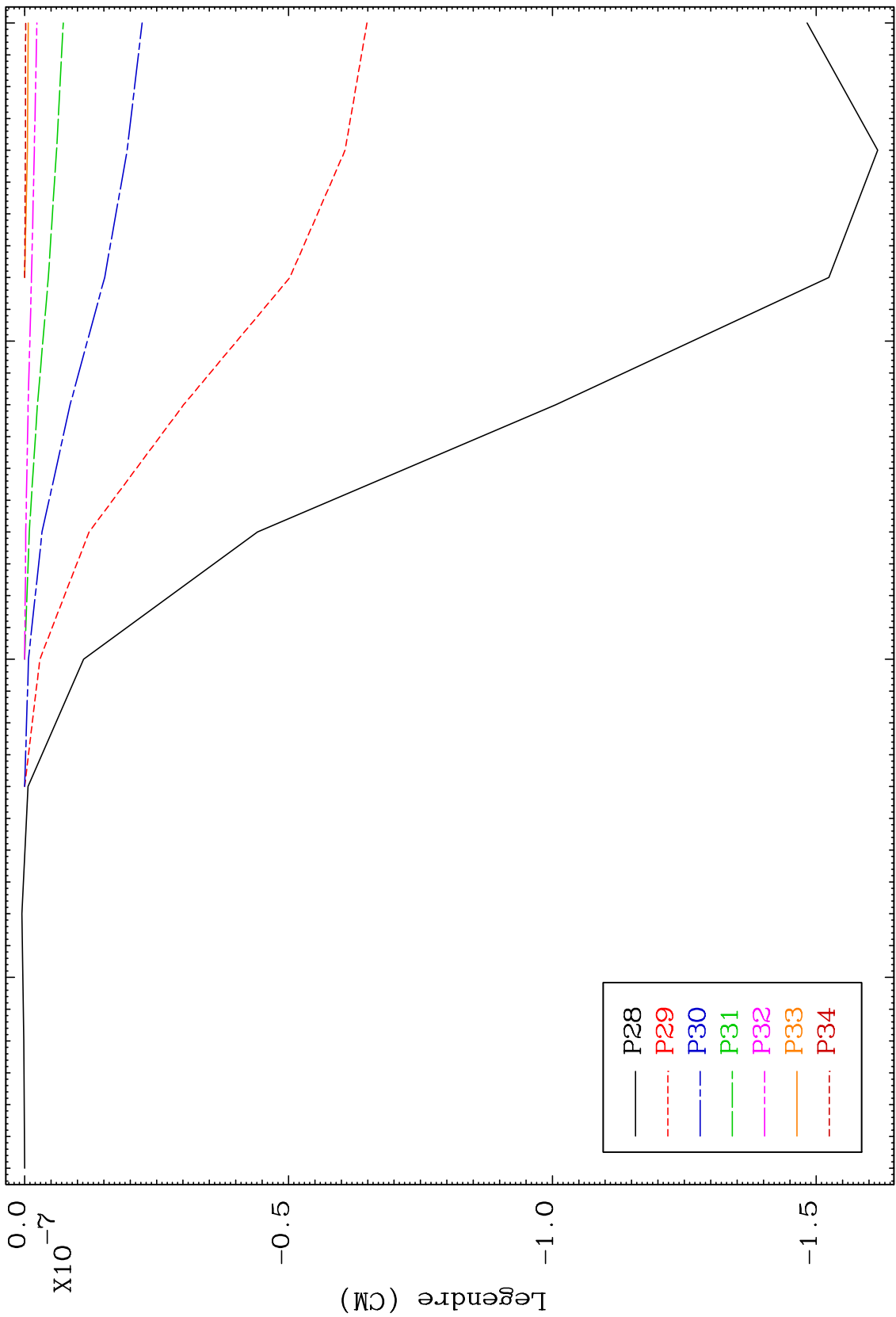
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MAT 3440

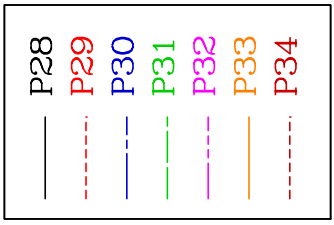
³⁴Se-79

Elastic Legendre Coefficients



$\times 10^{-7}$

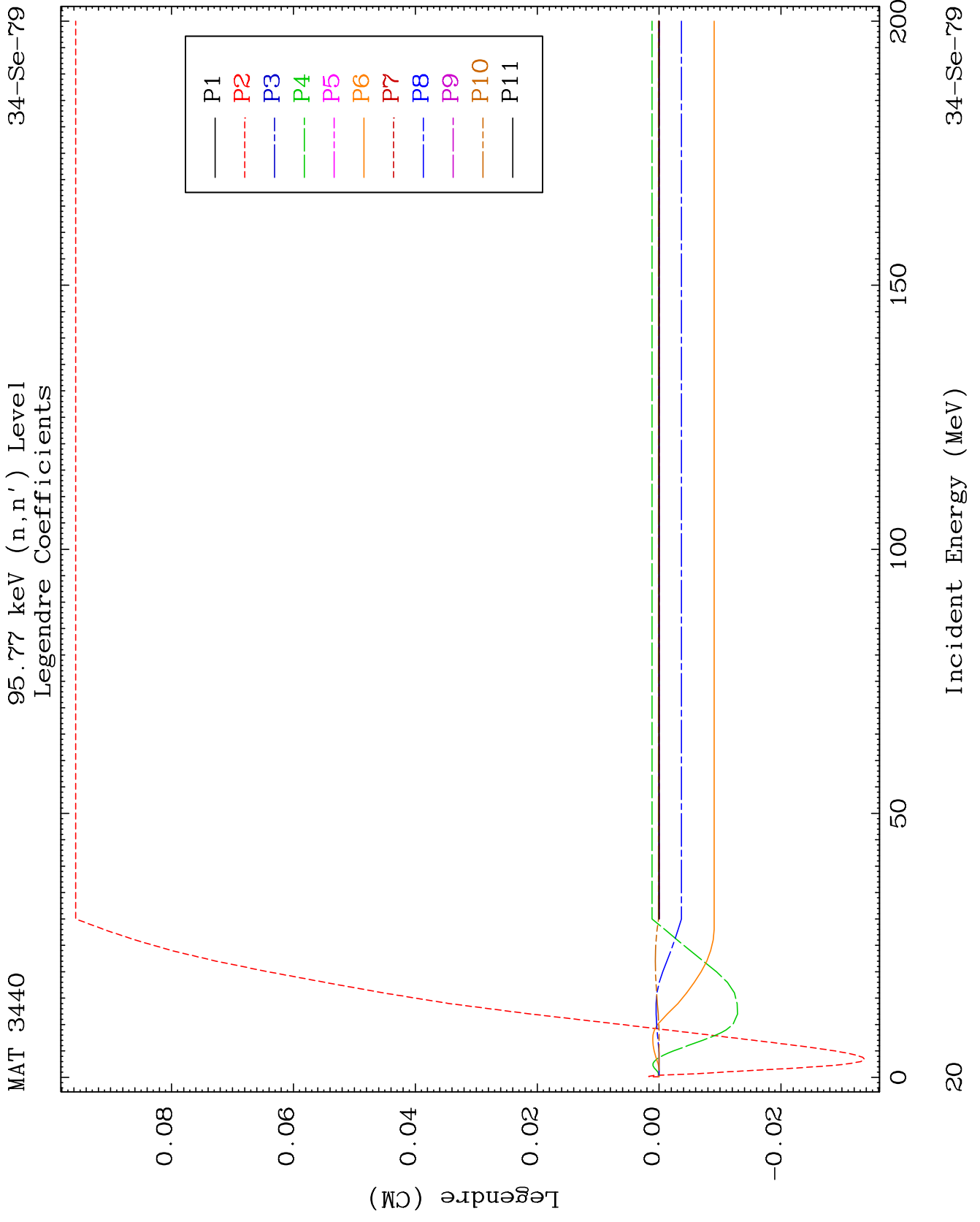
Legendre (CM)

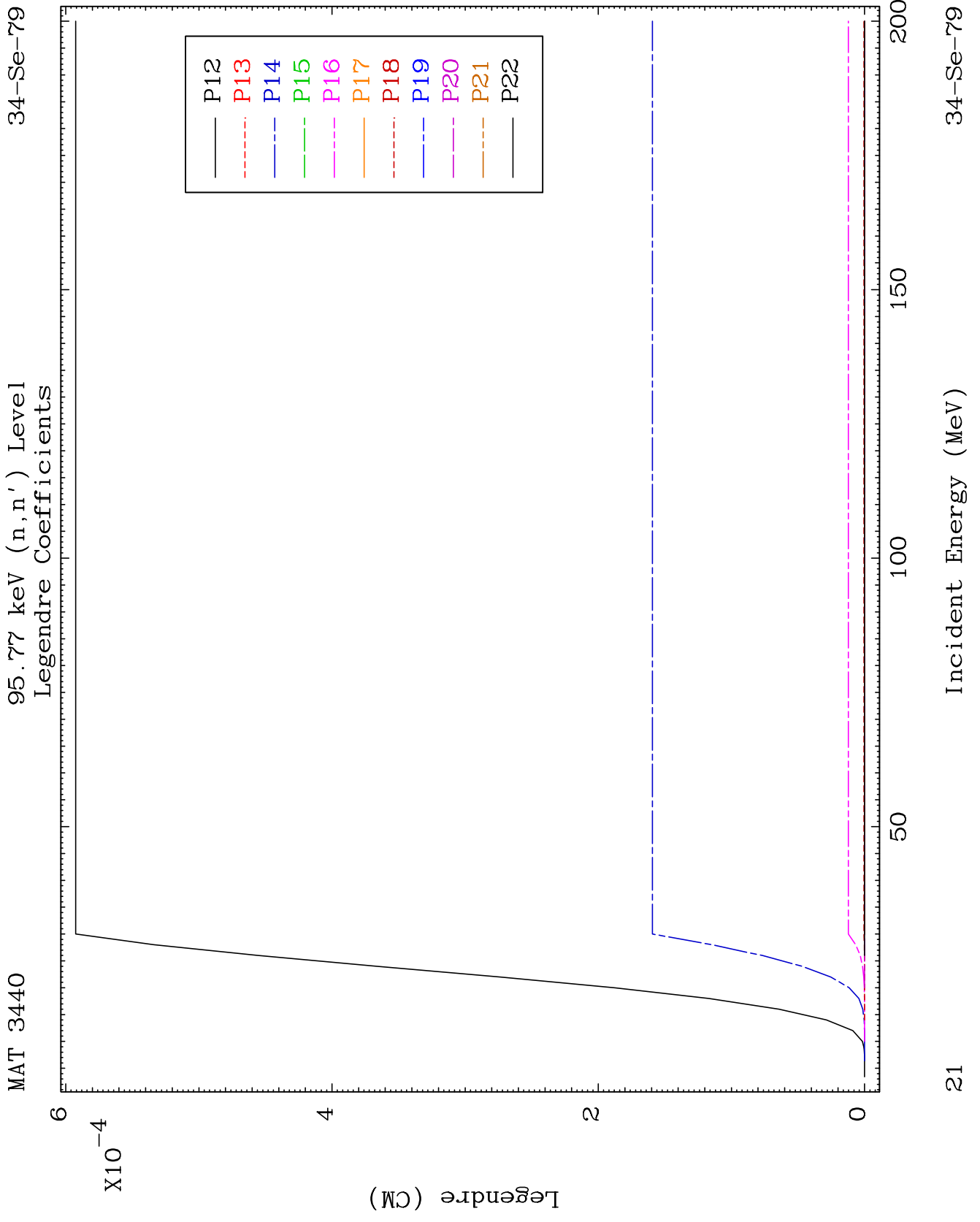


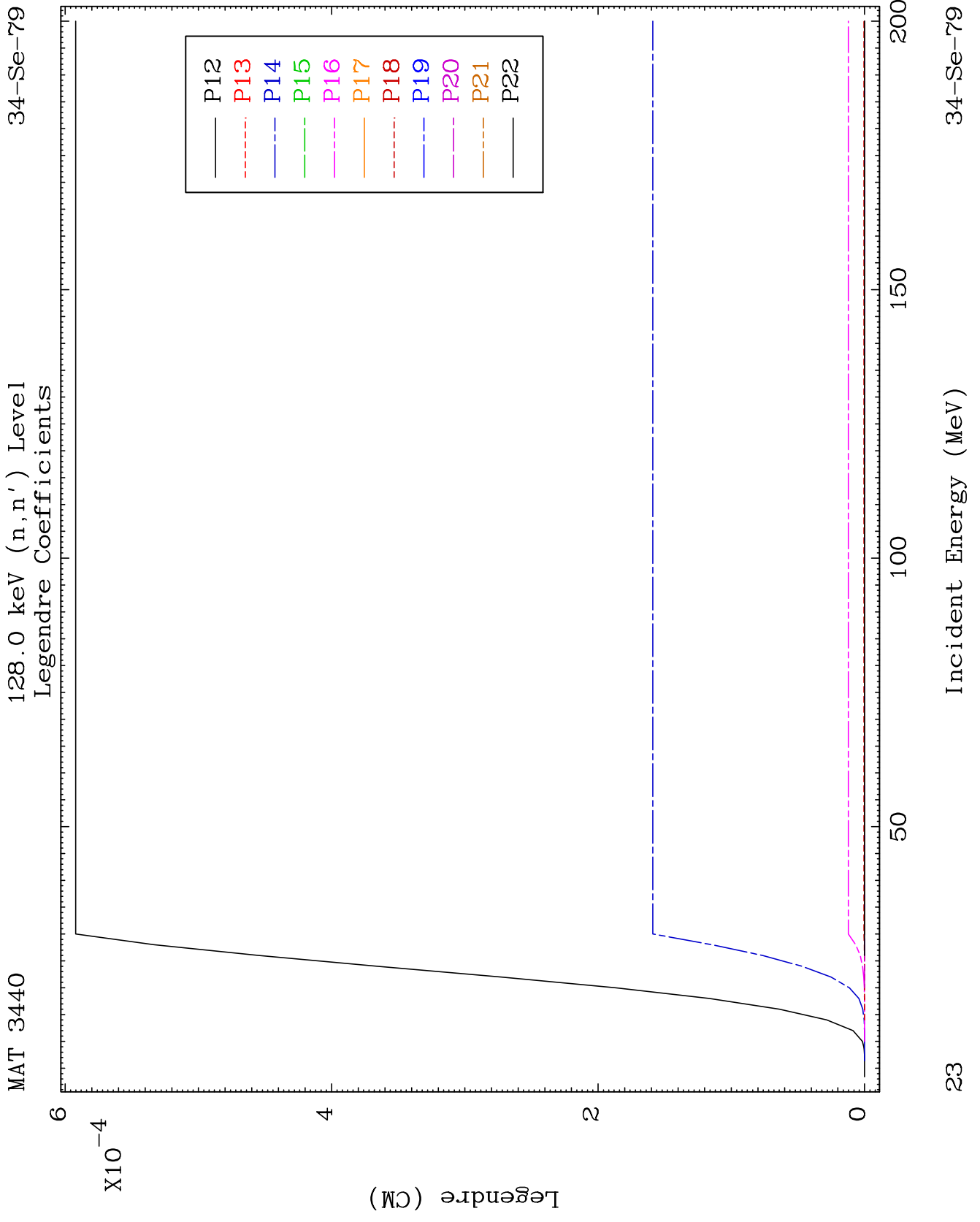
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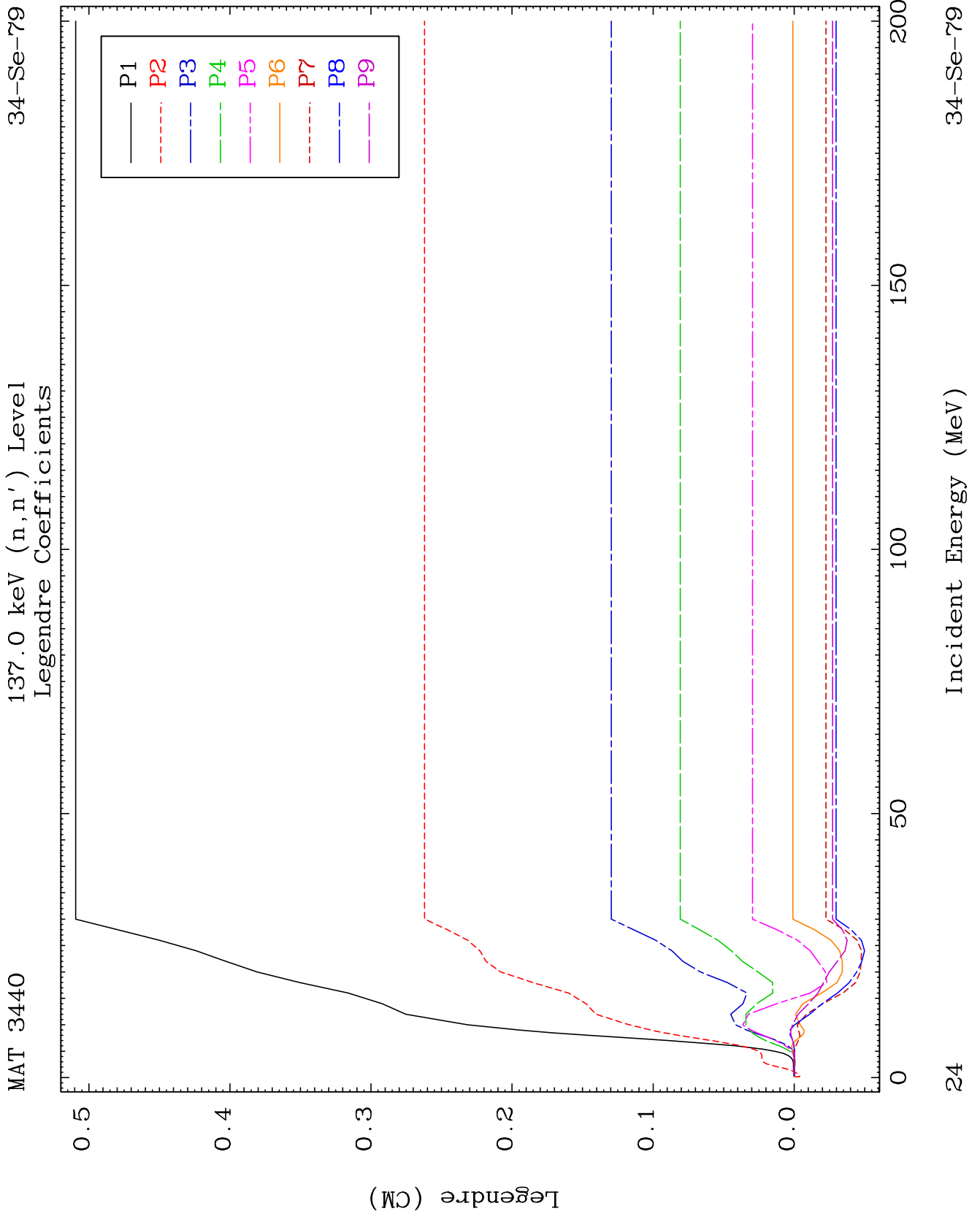
Incident Energy (MeV)

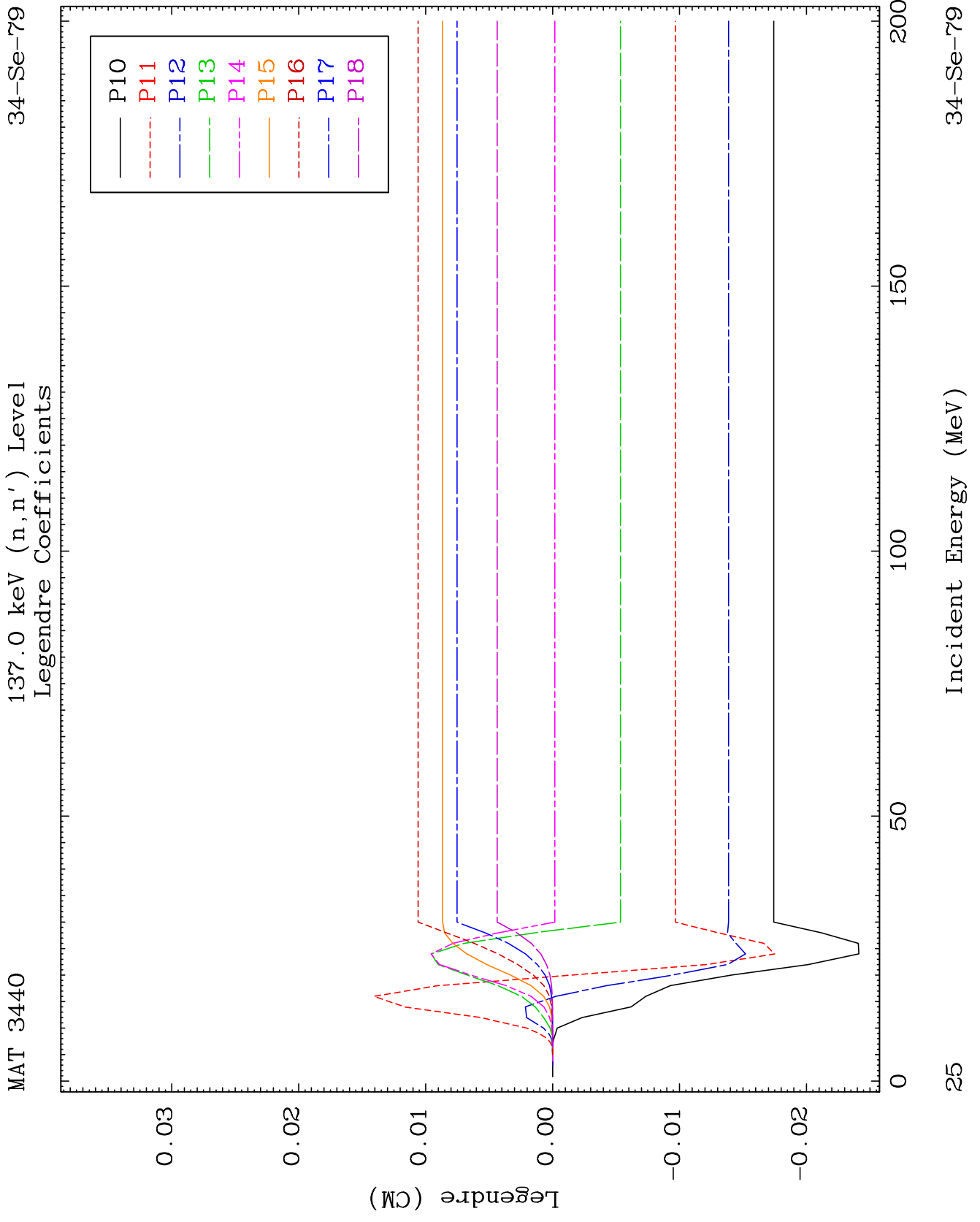
³⁴Se-79

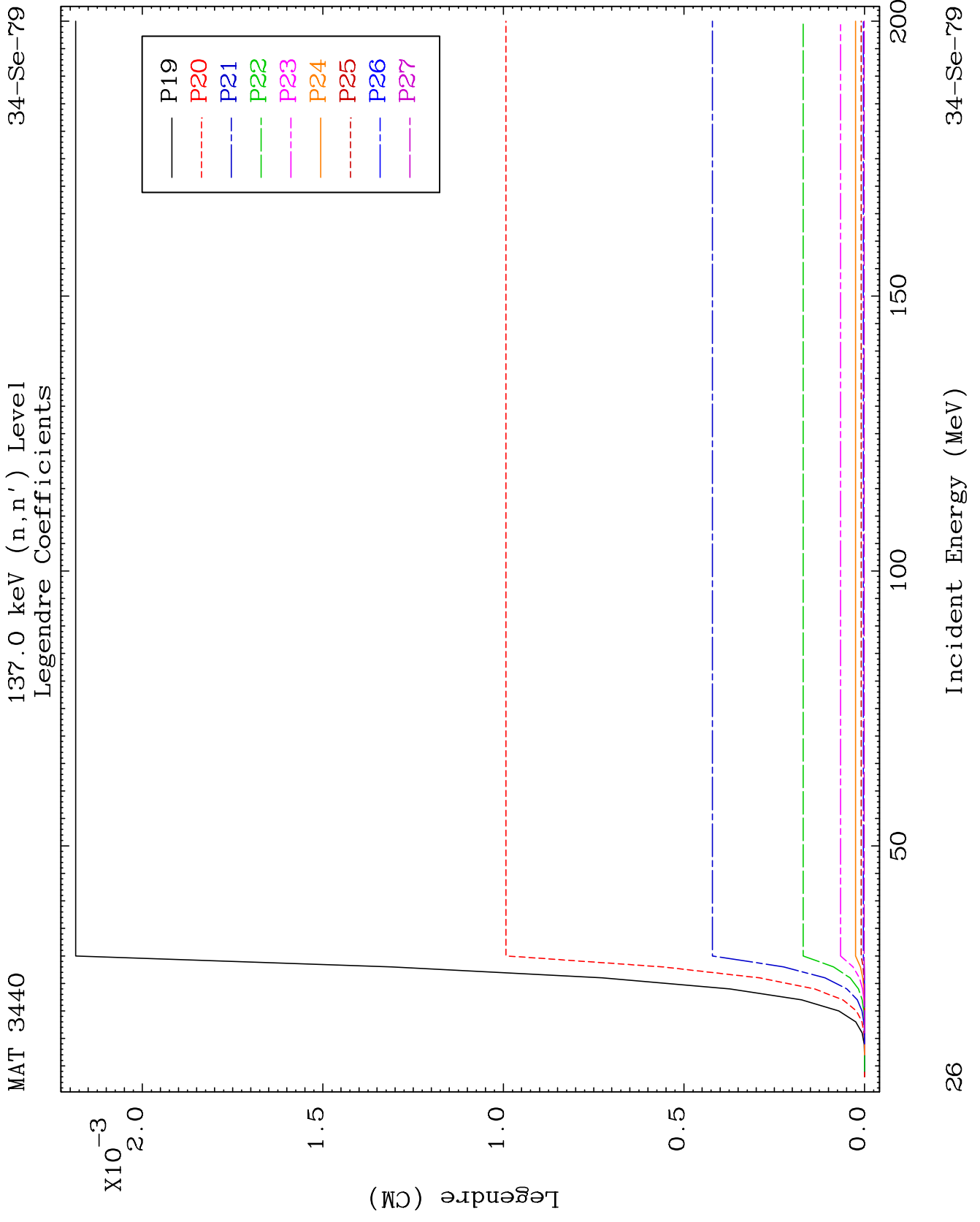


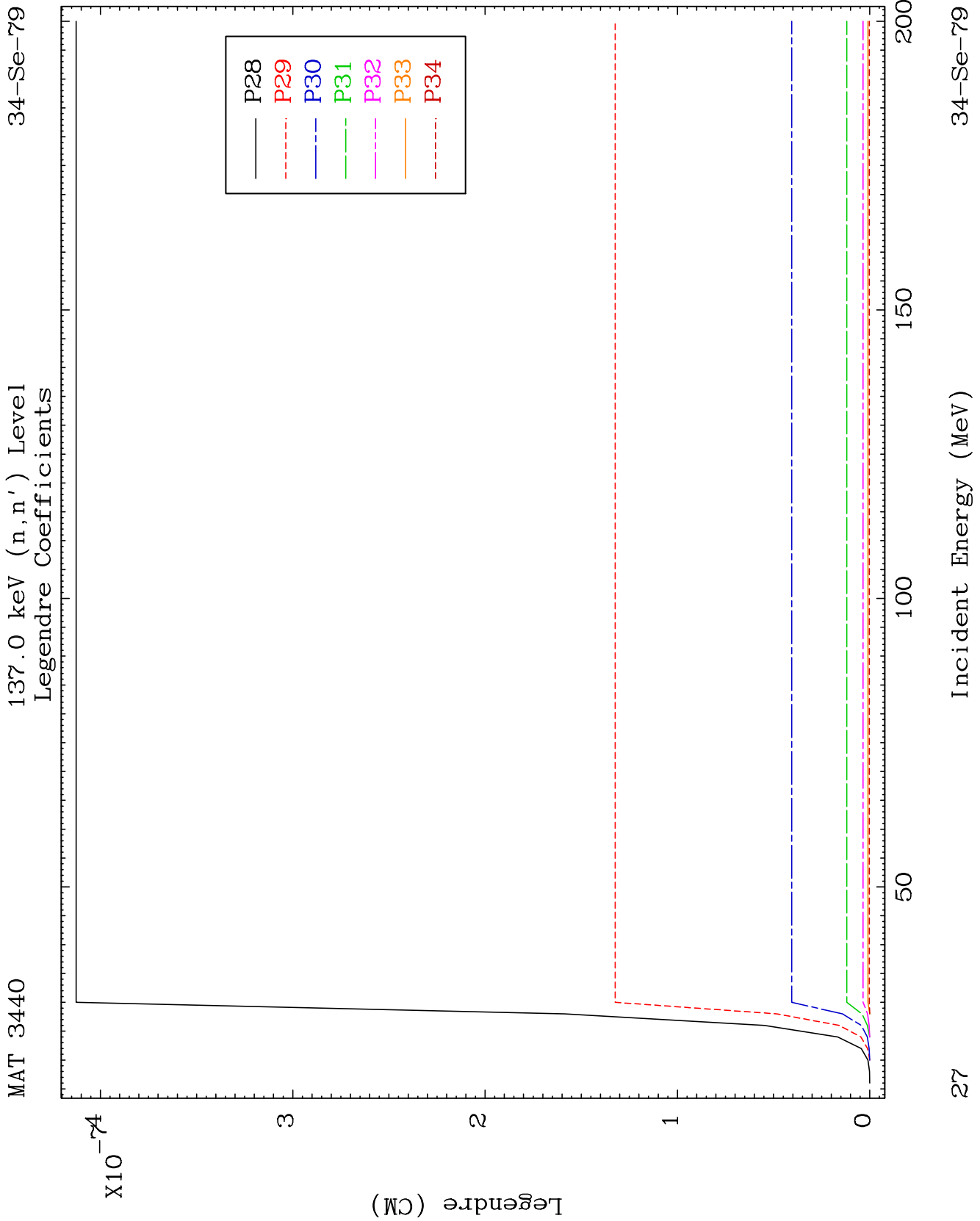


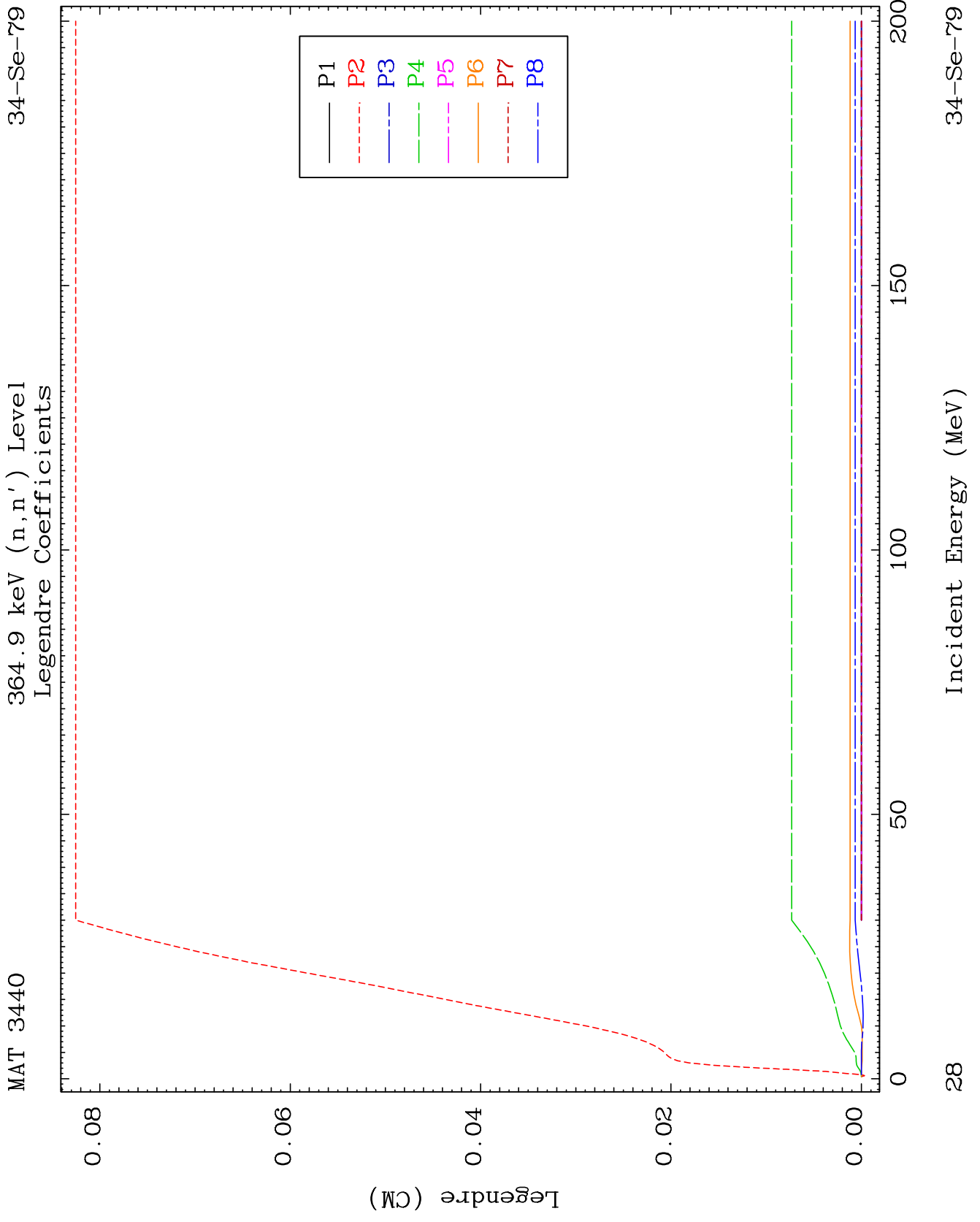


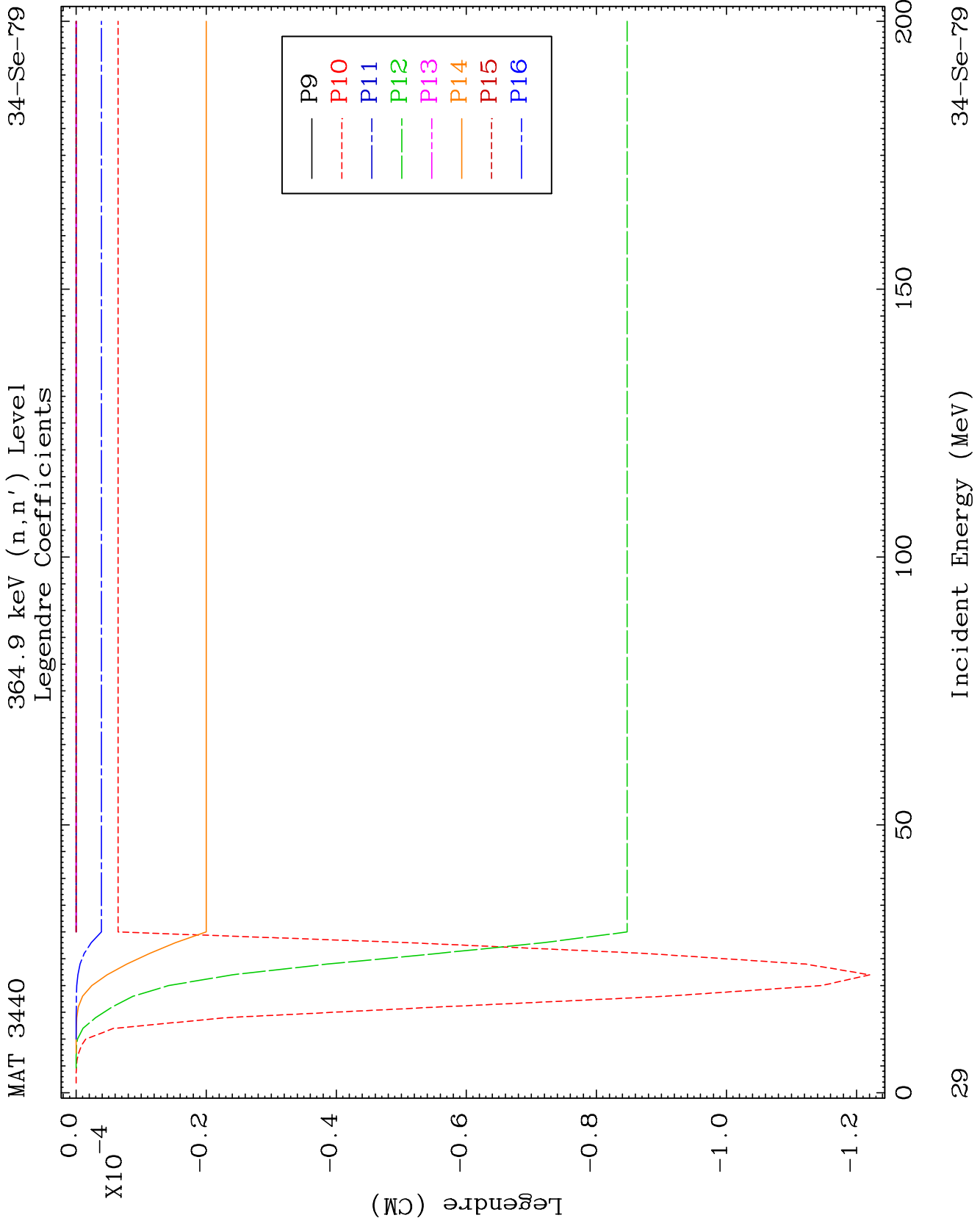


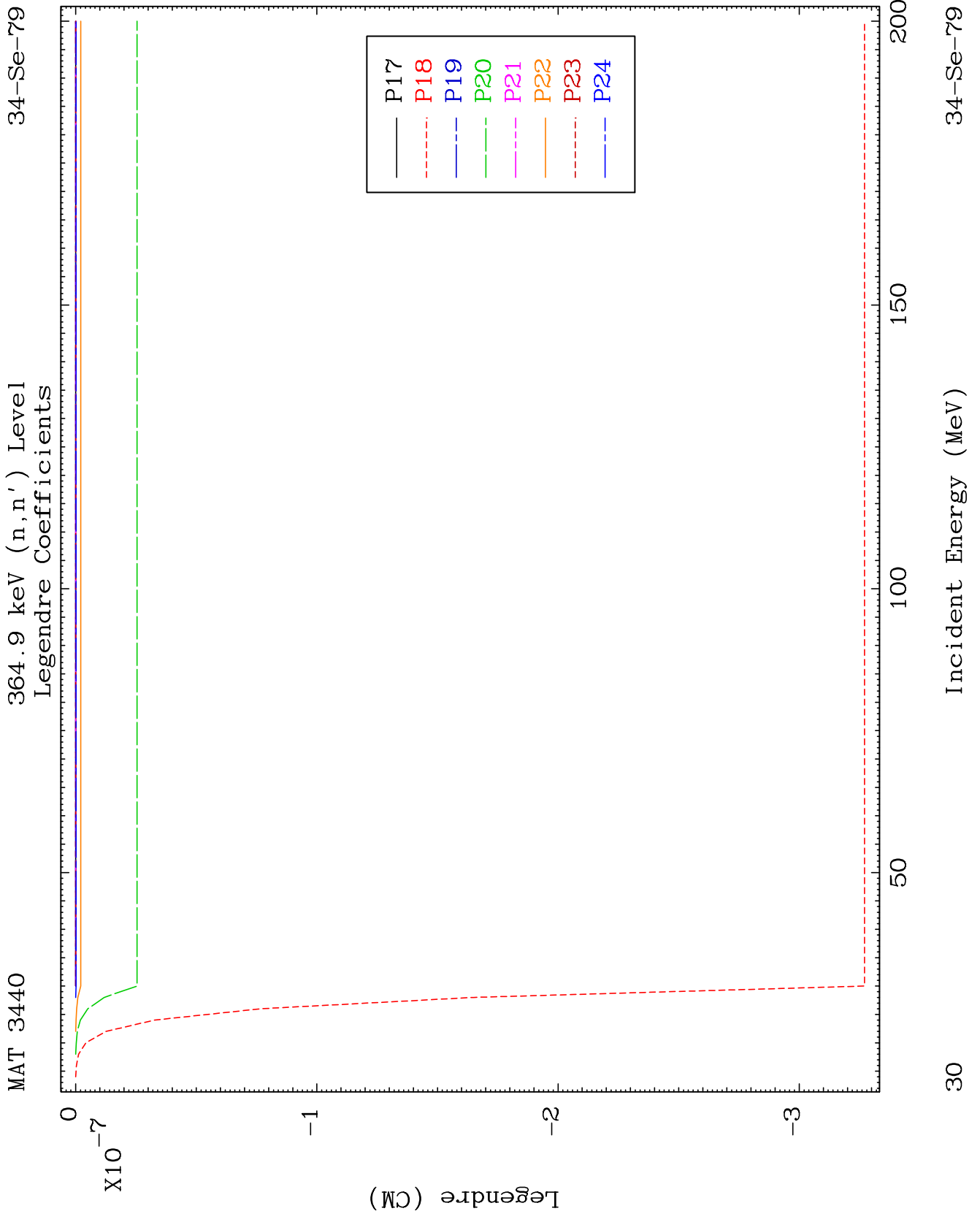


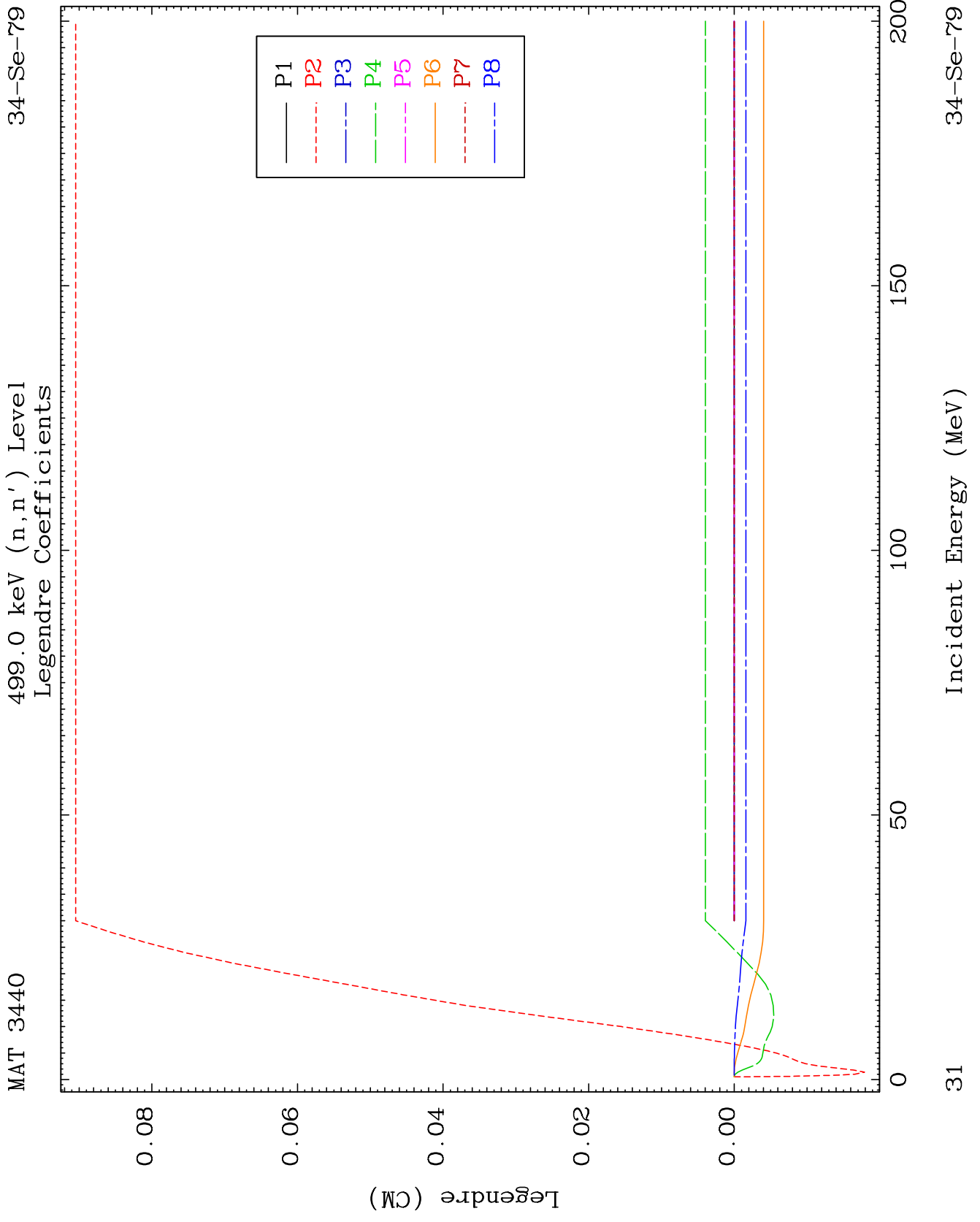


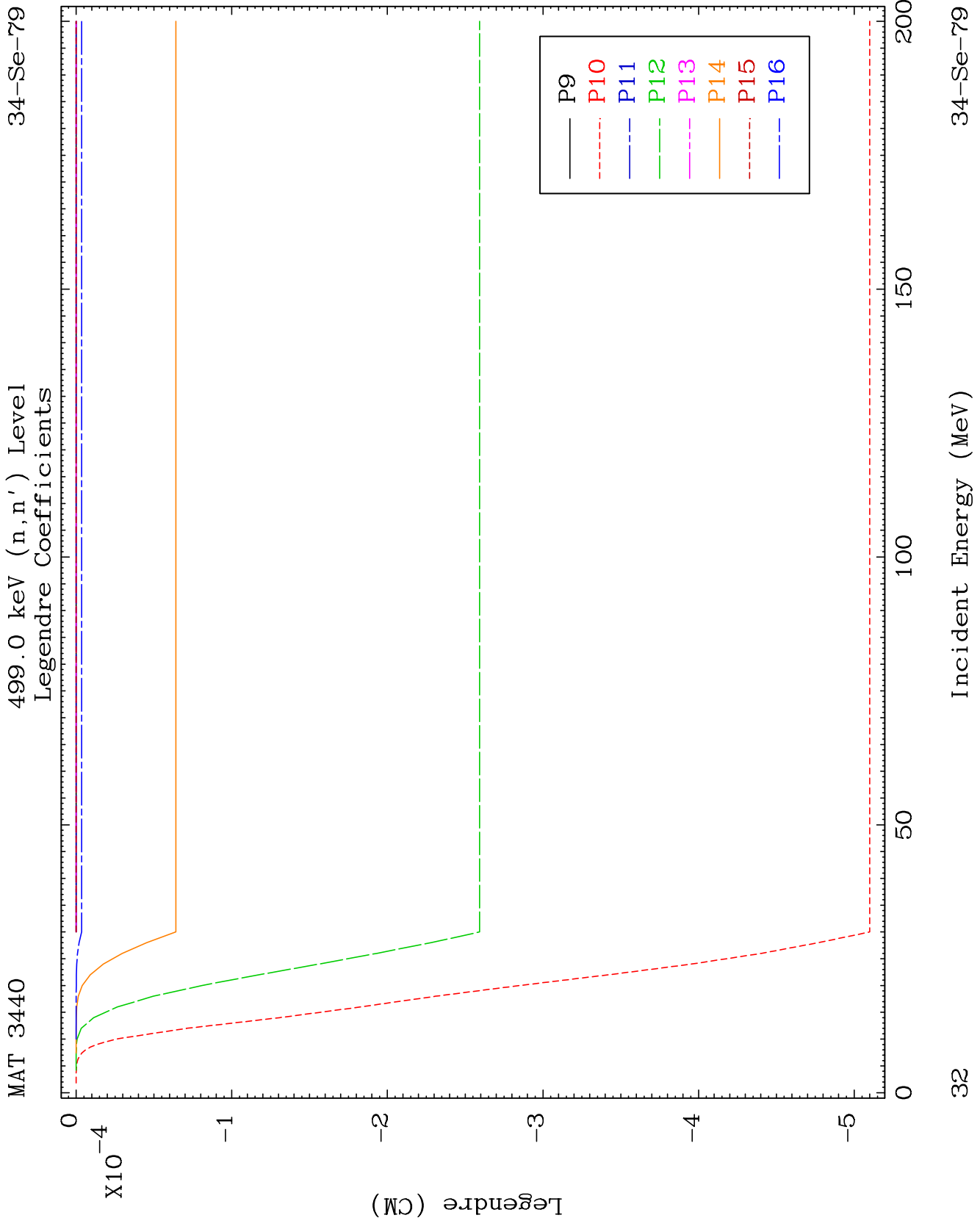


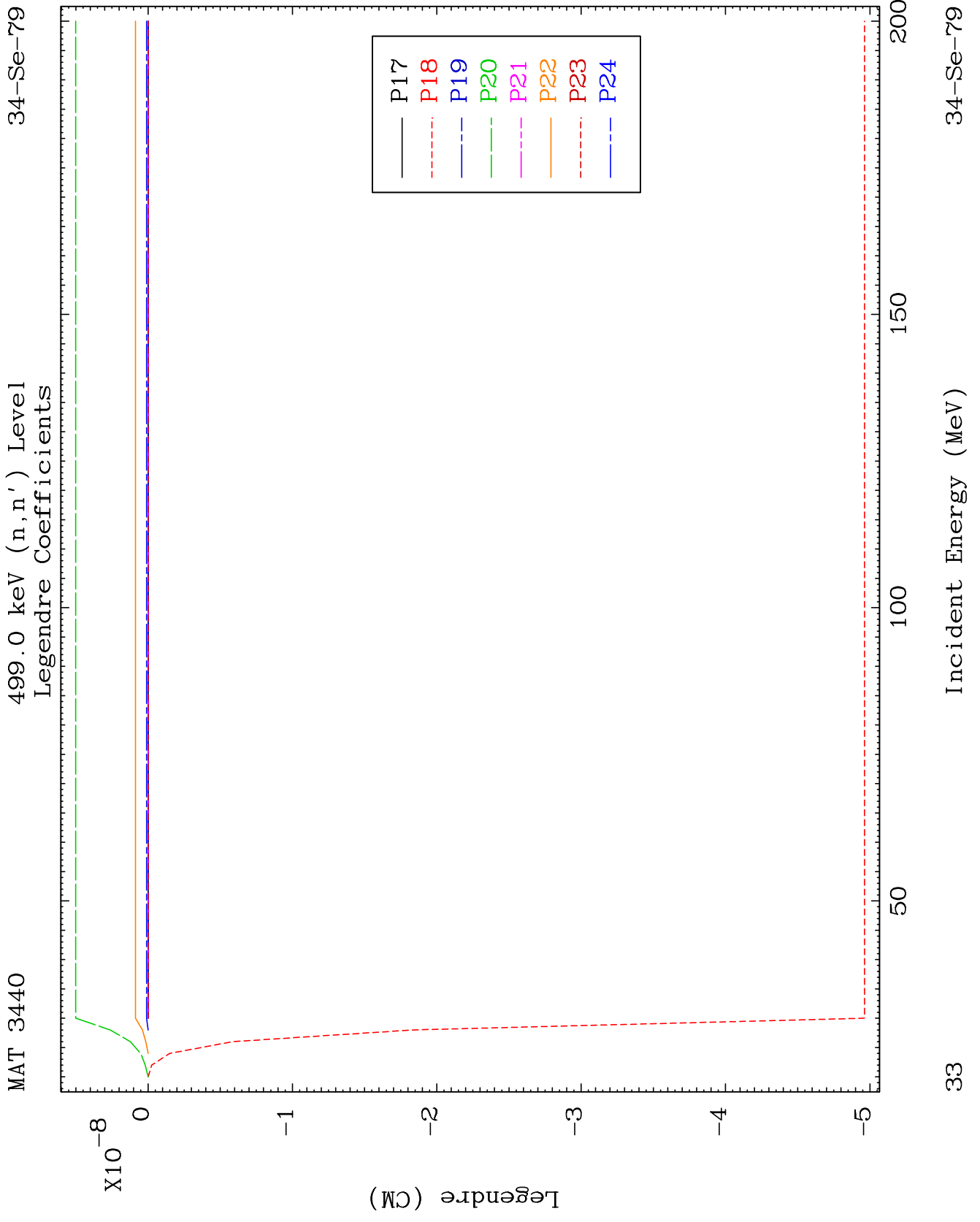


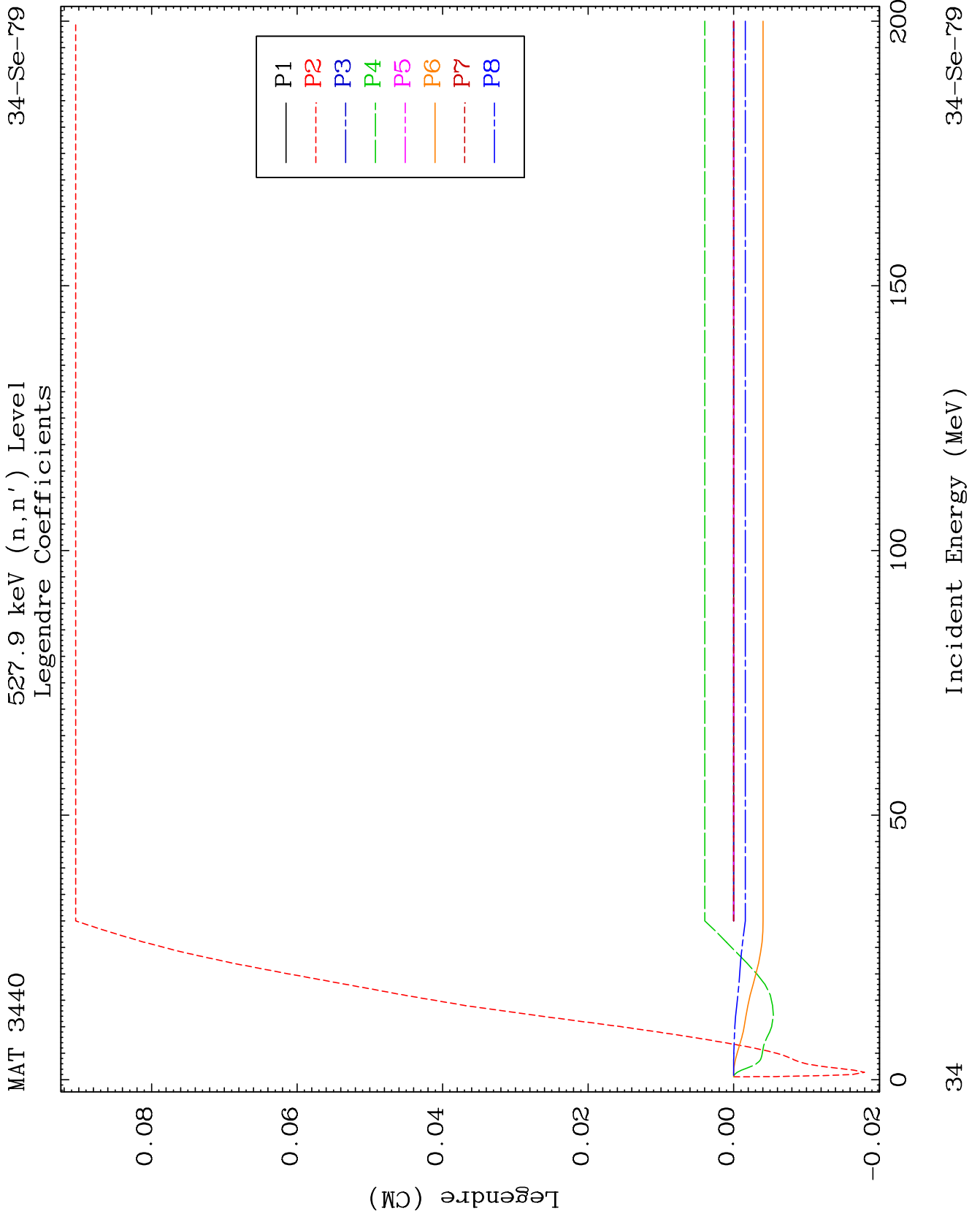


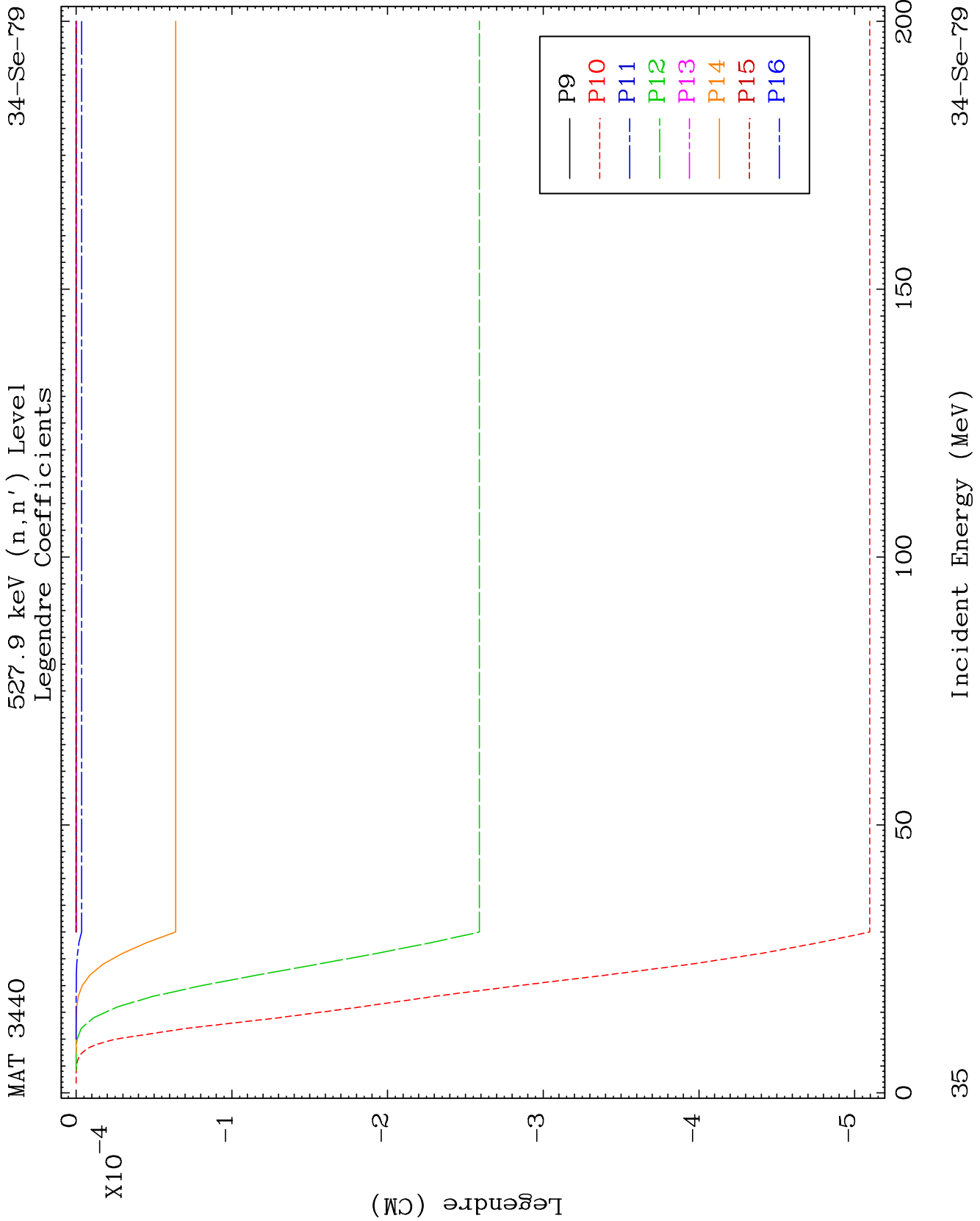


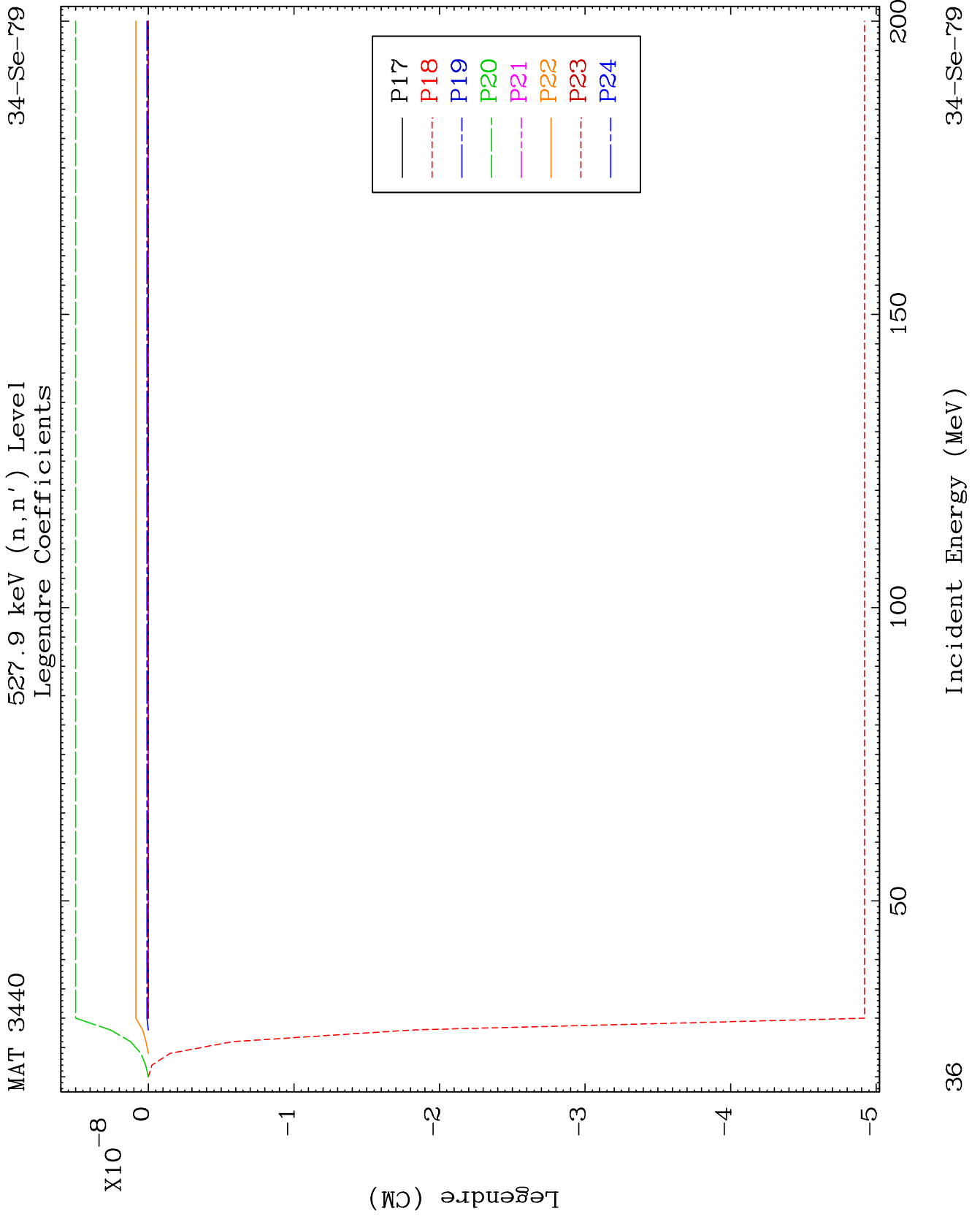








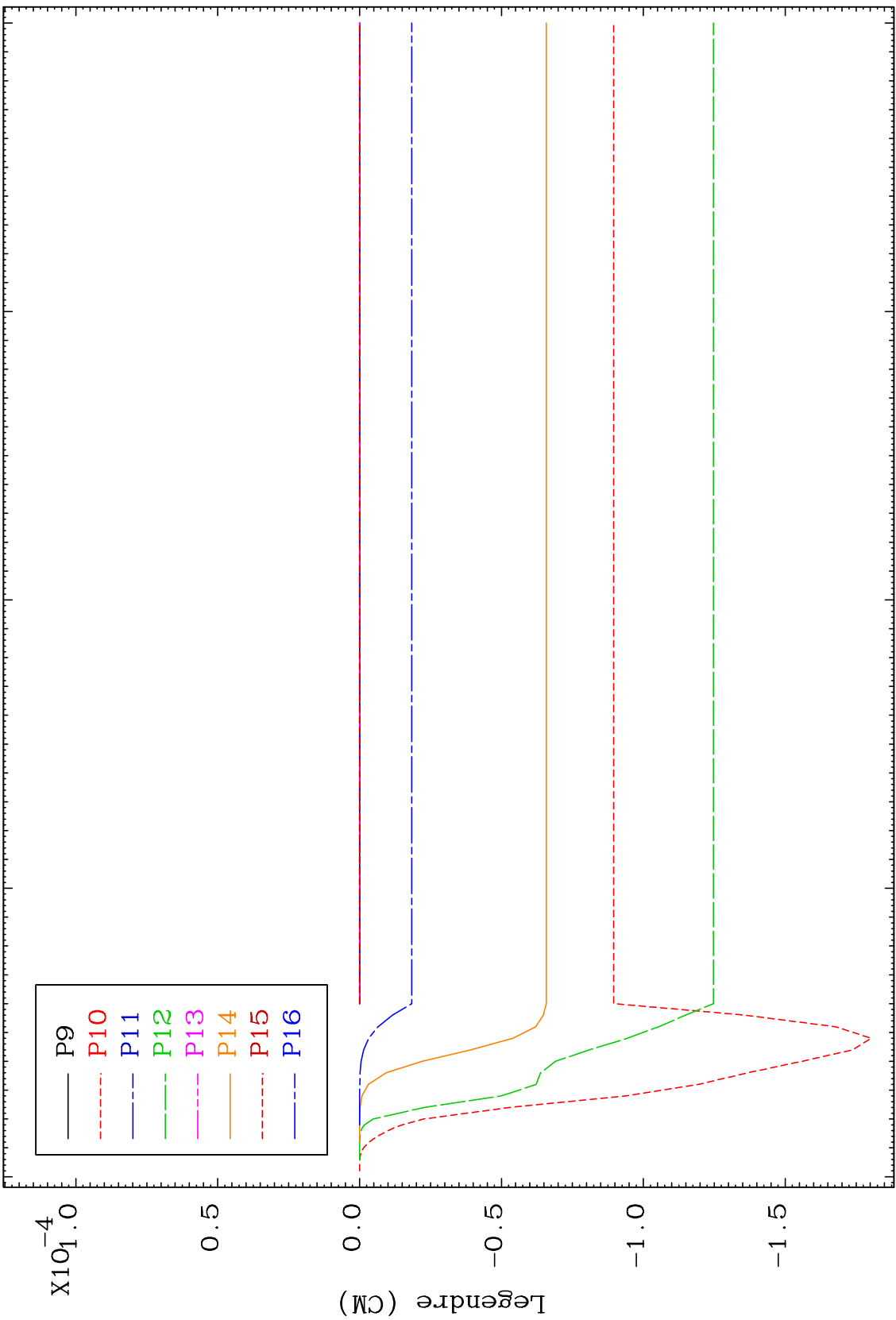
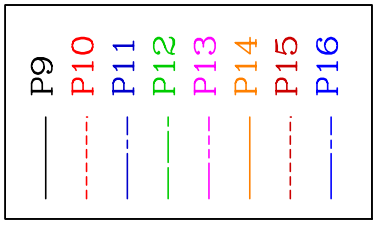




MAT 3440

534.0 keV (n,n') Level
Legendre Coefficients

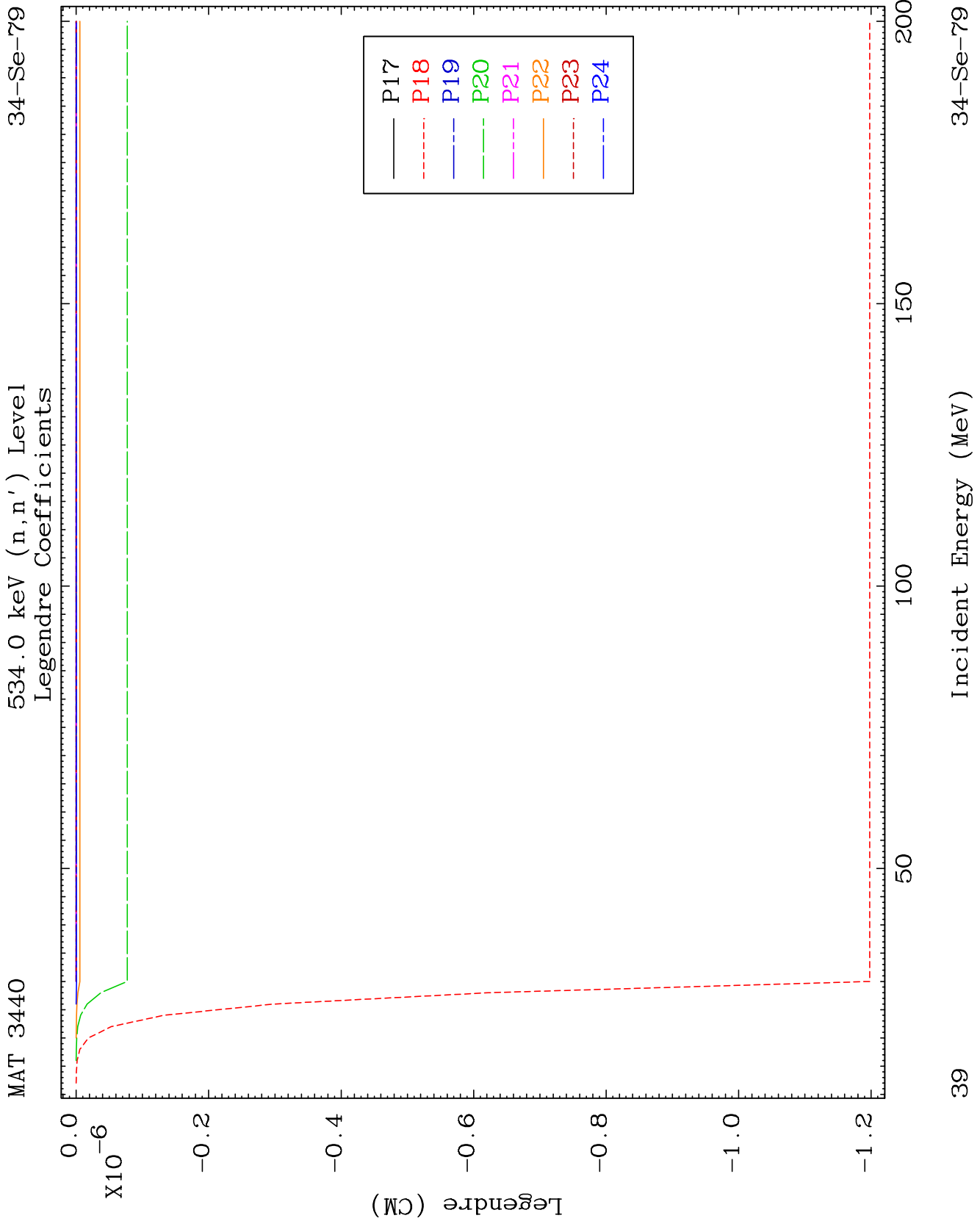
34-Se-79

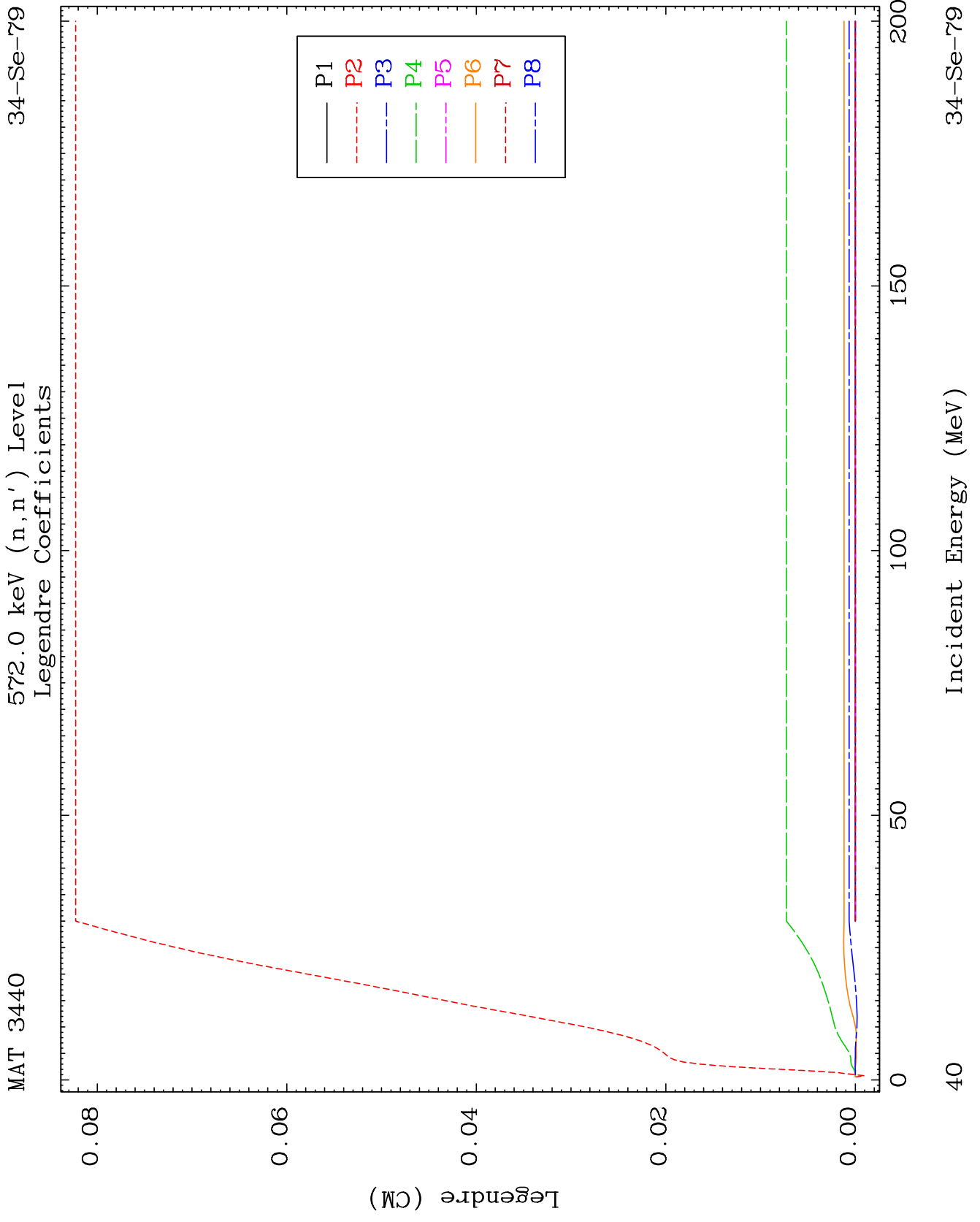


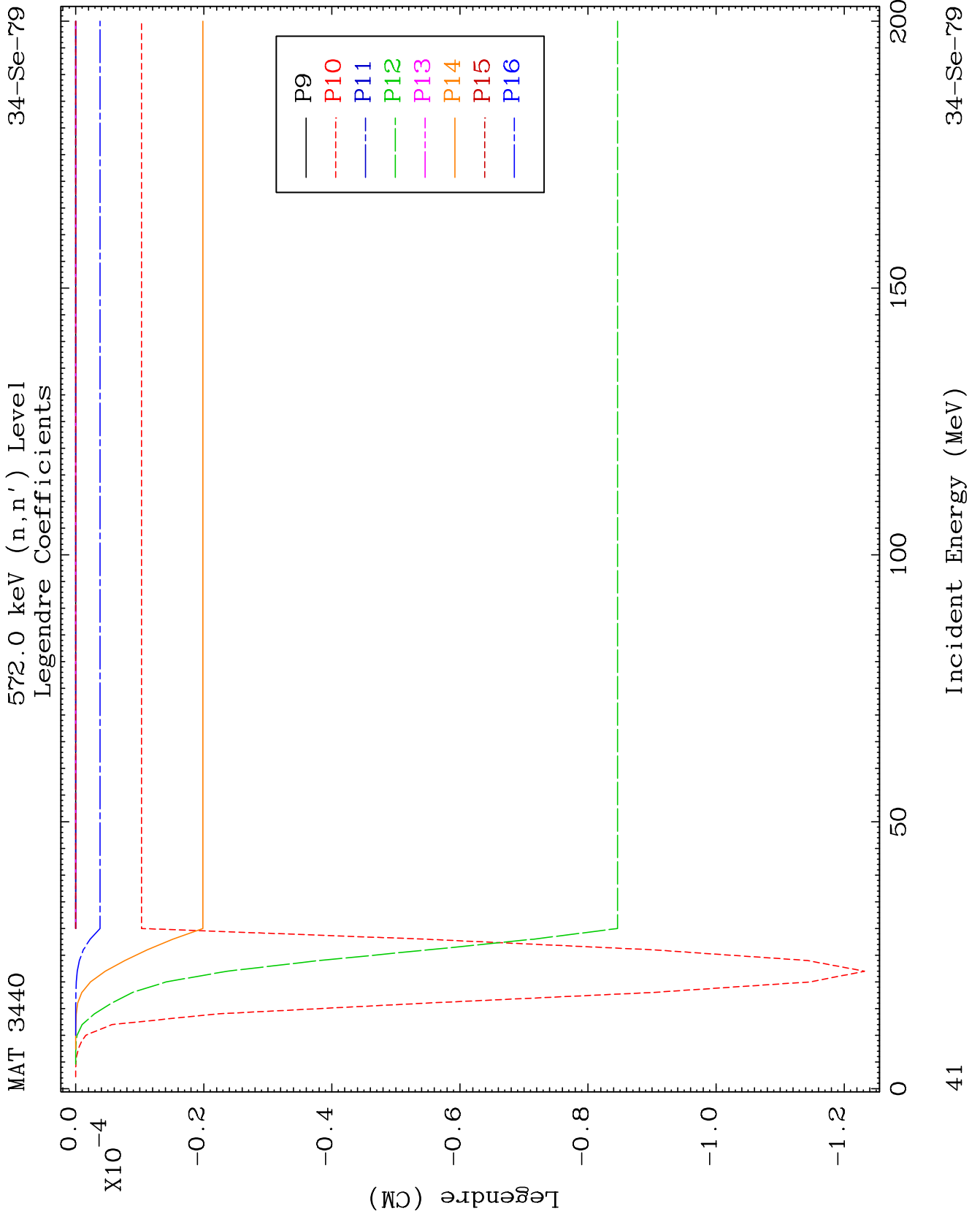
38

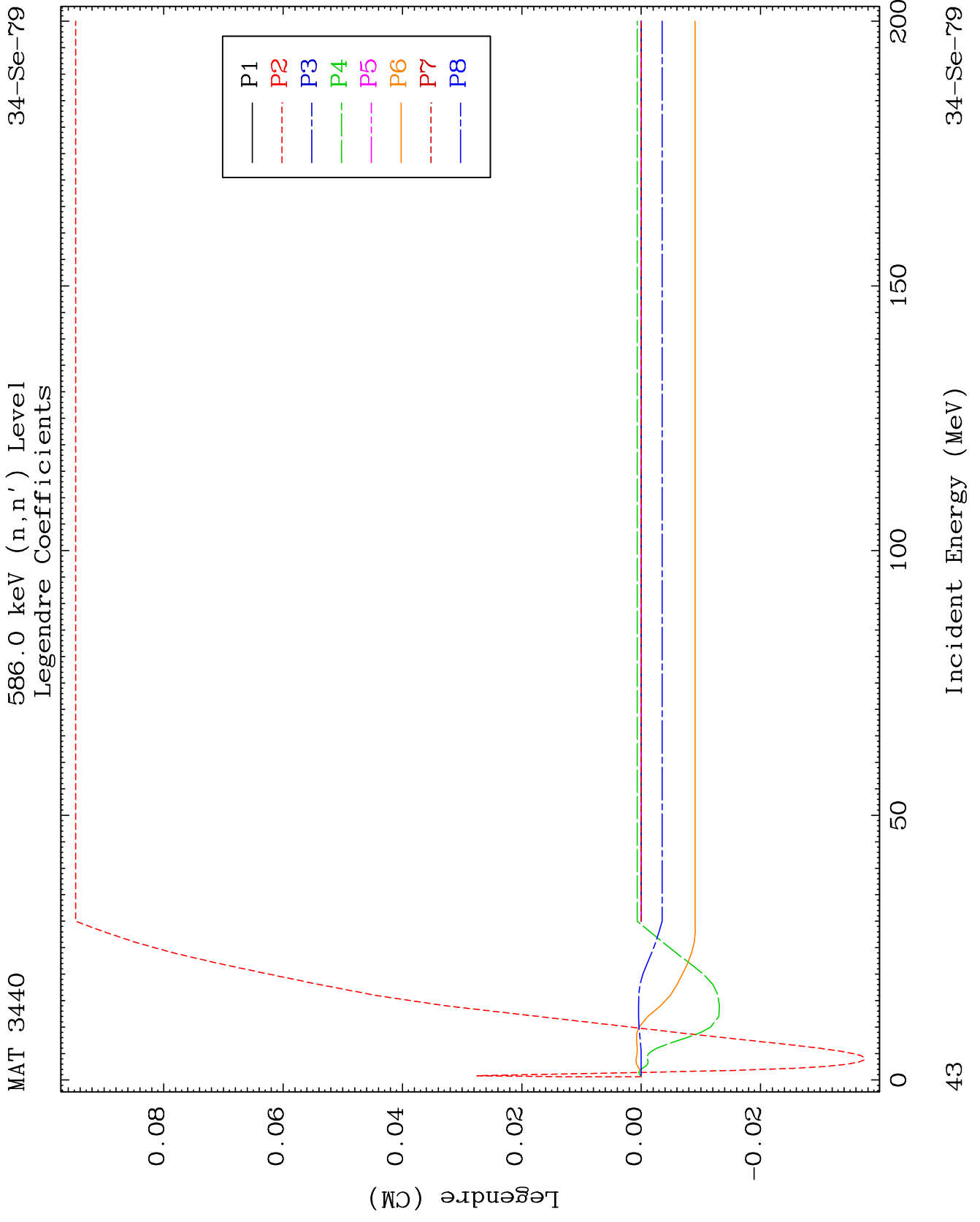
Incident Energy (MeV)

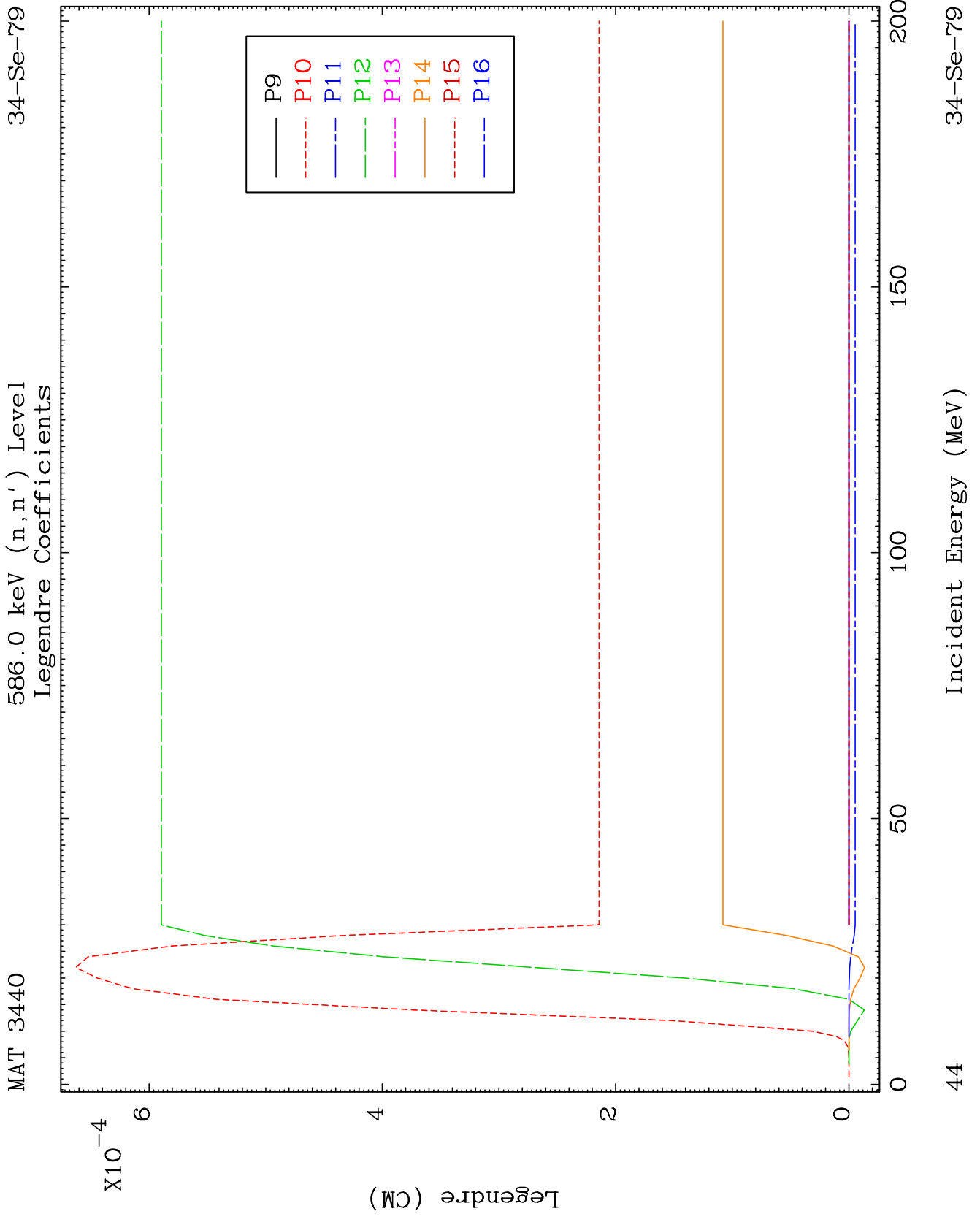
34-Se-79

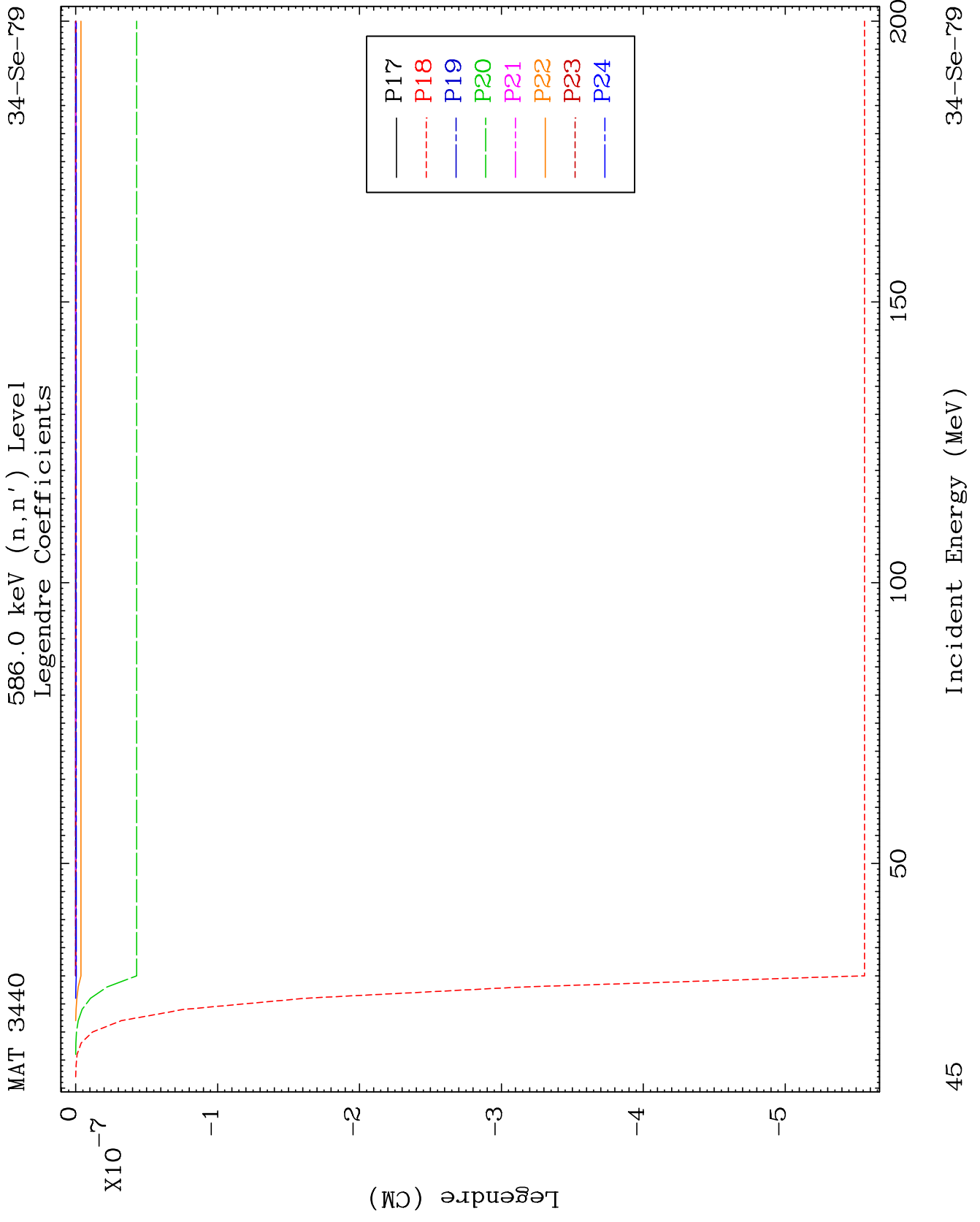








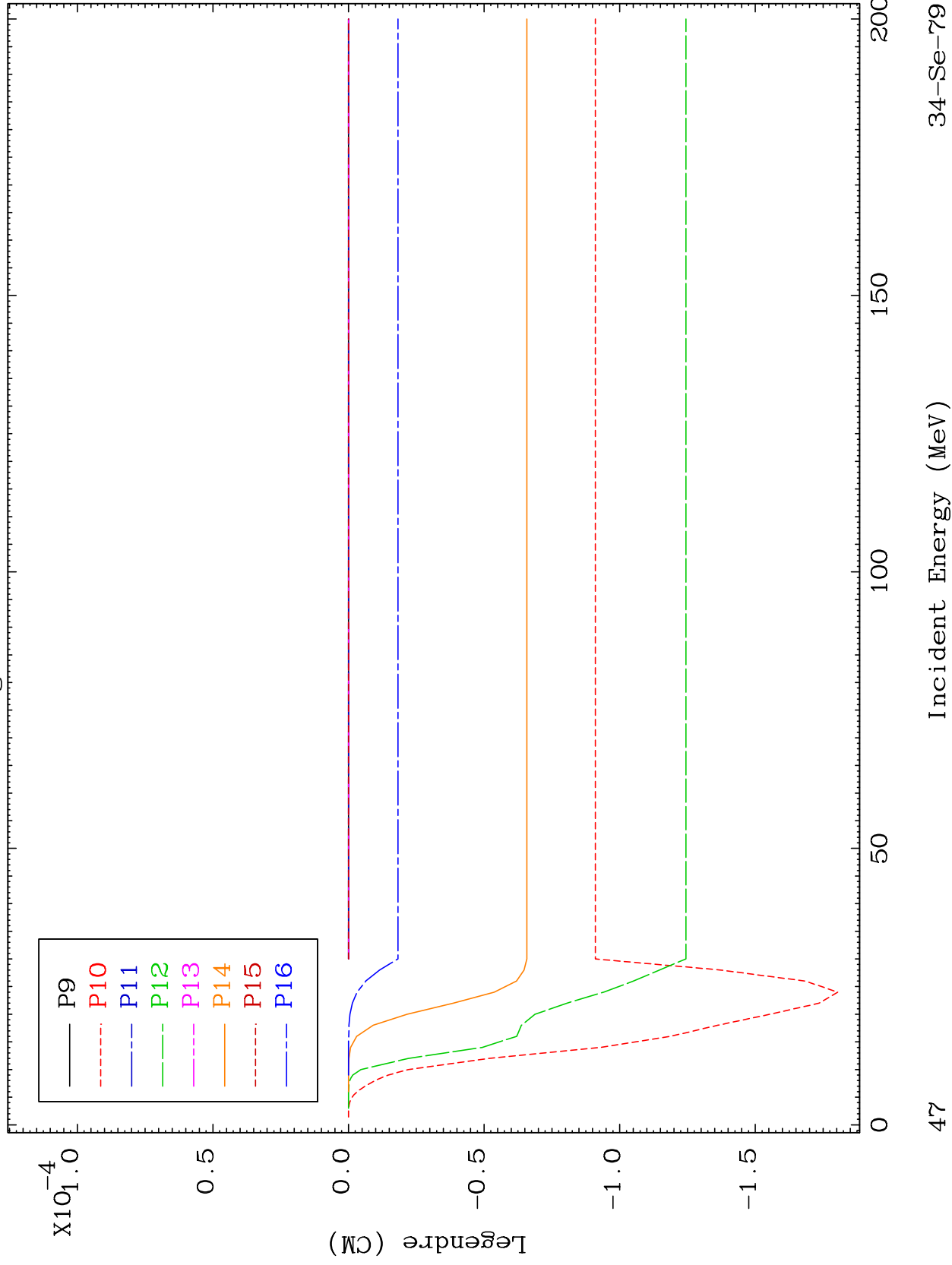


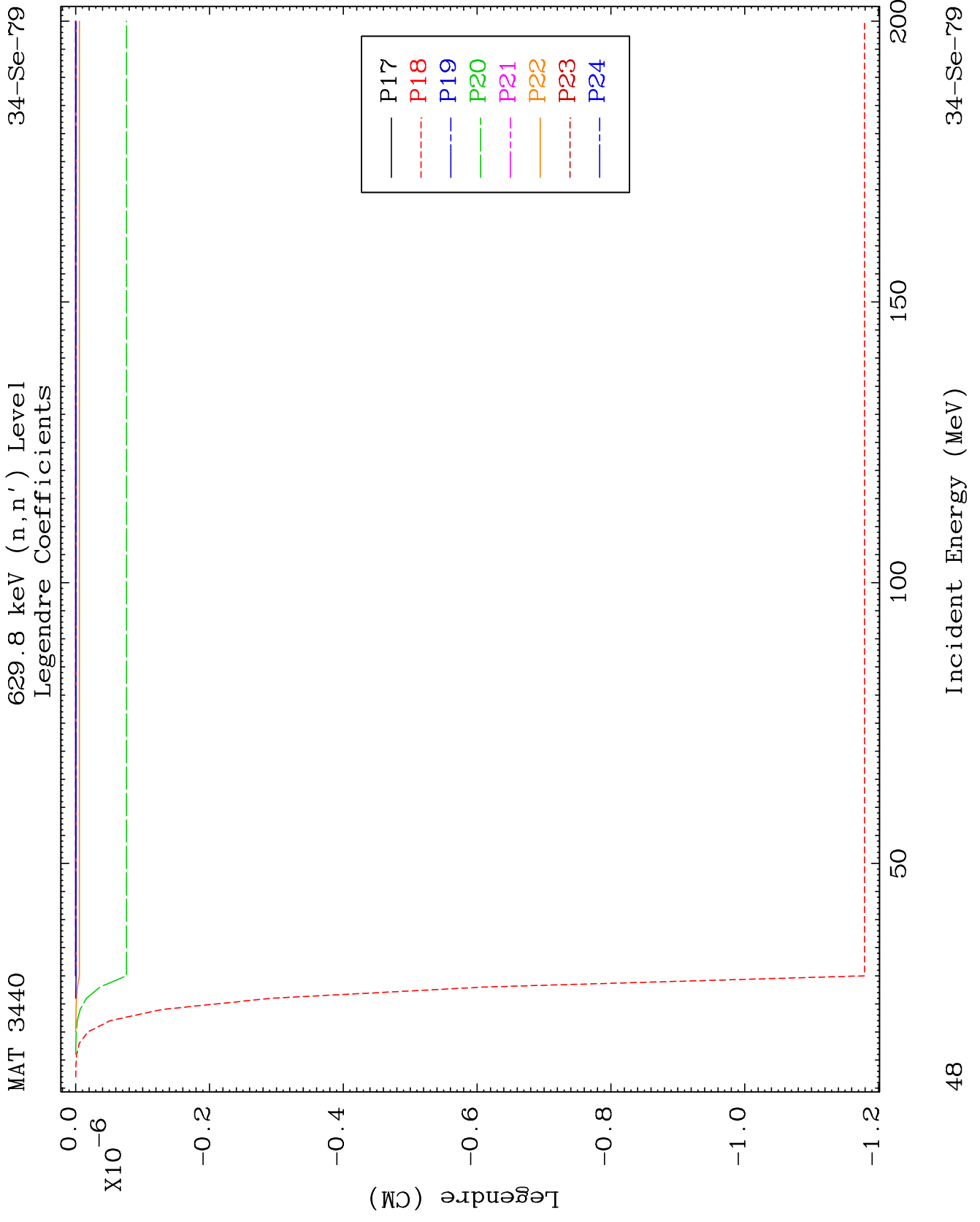


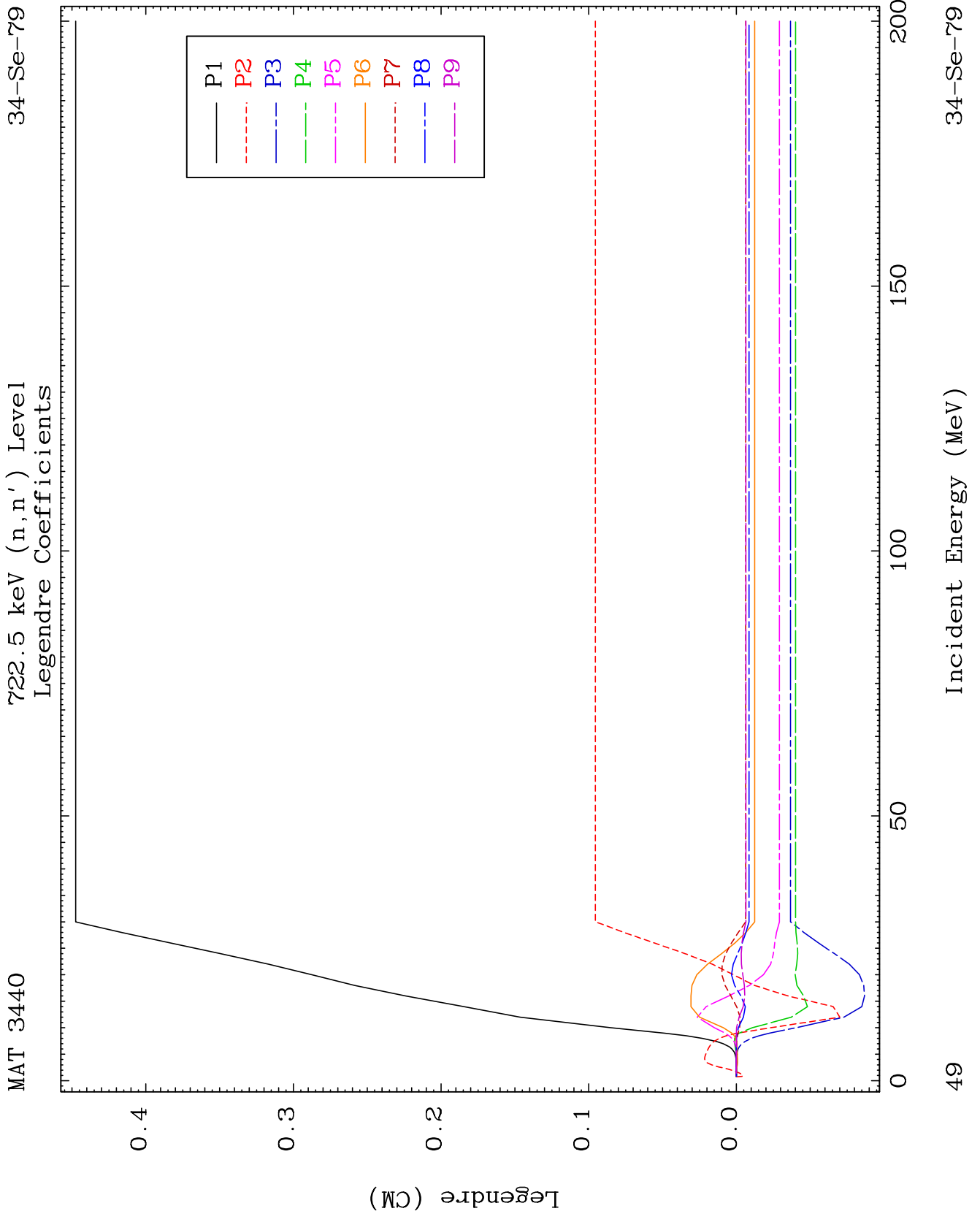
MAT 3440

629.8 keV (n,n') Level
Legendre Coefficients

34-Se-79



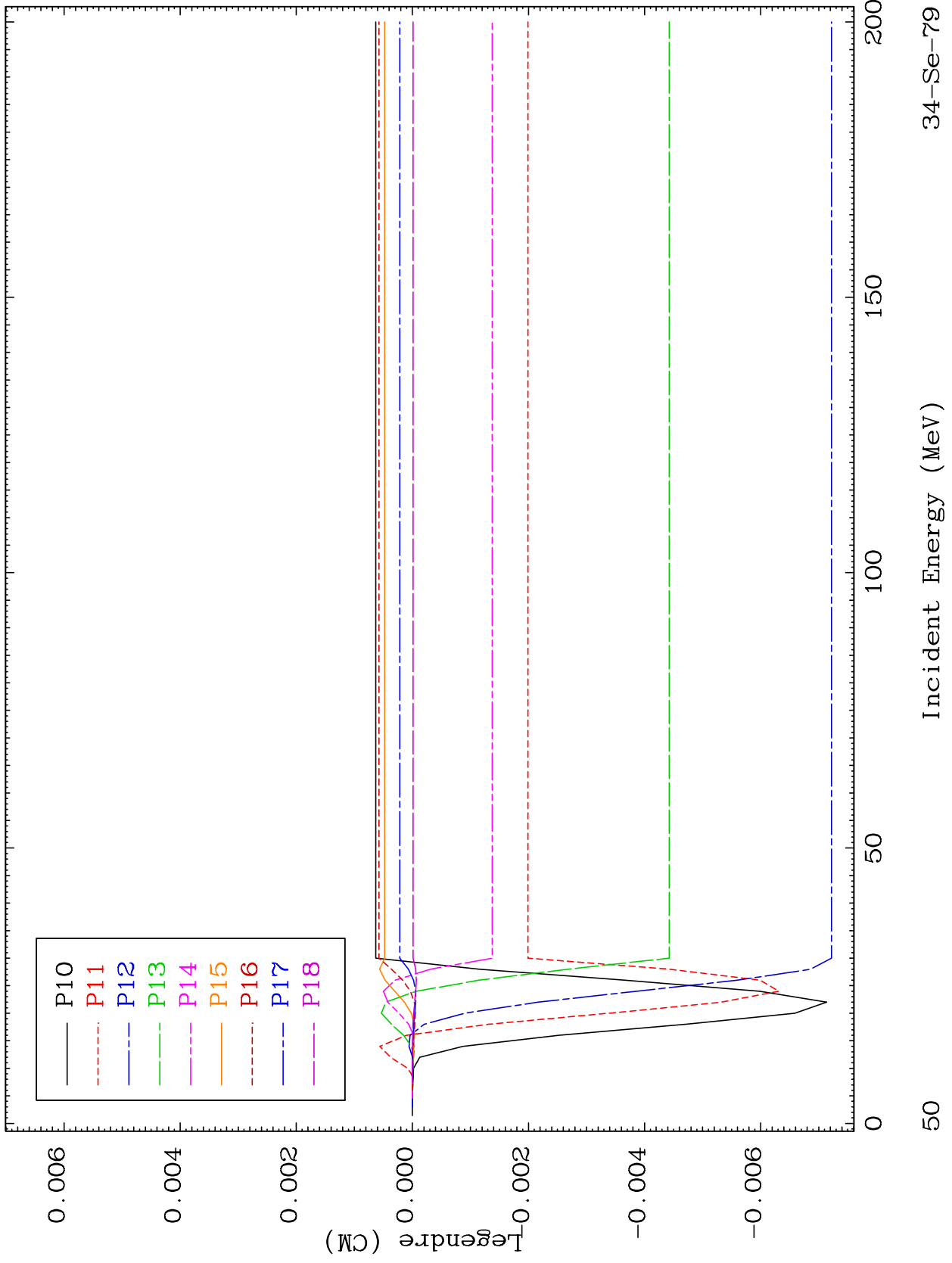


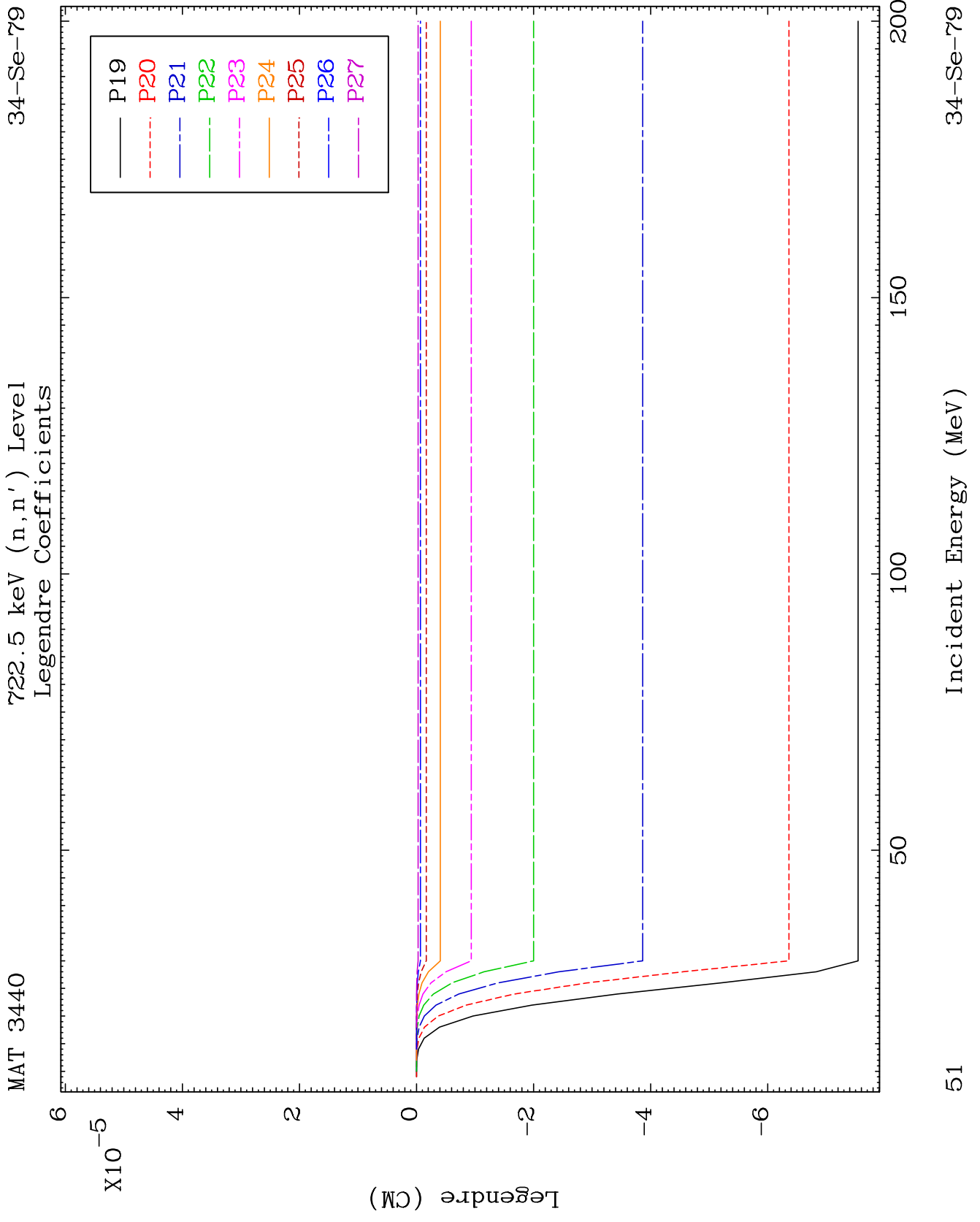


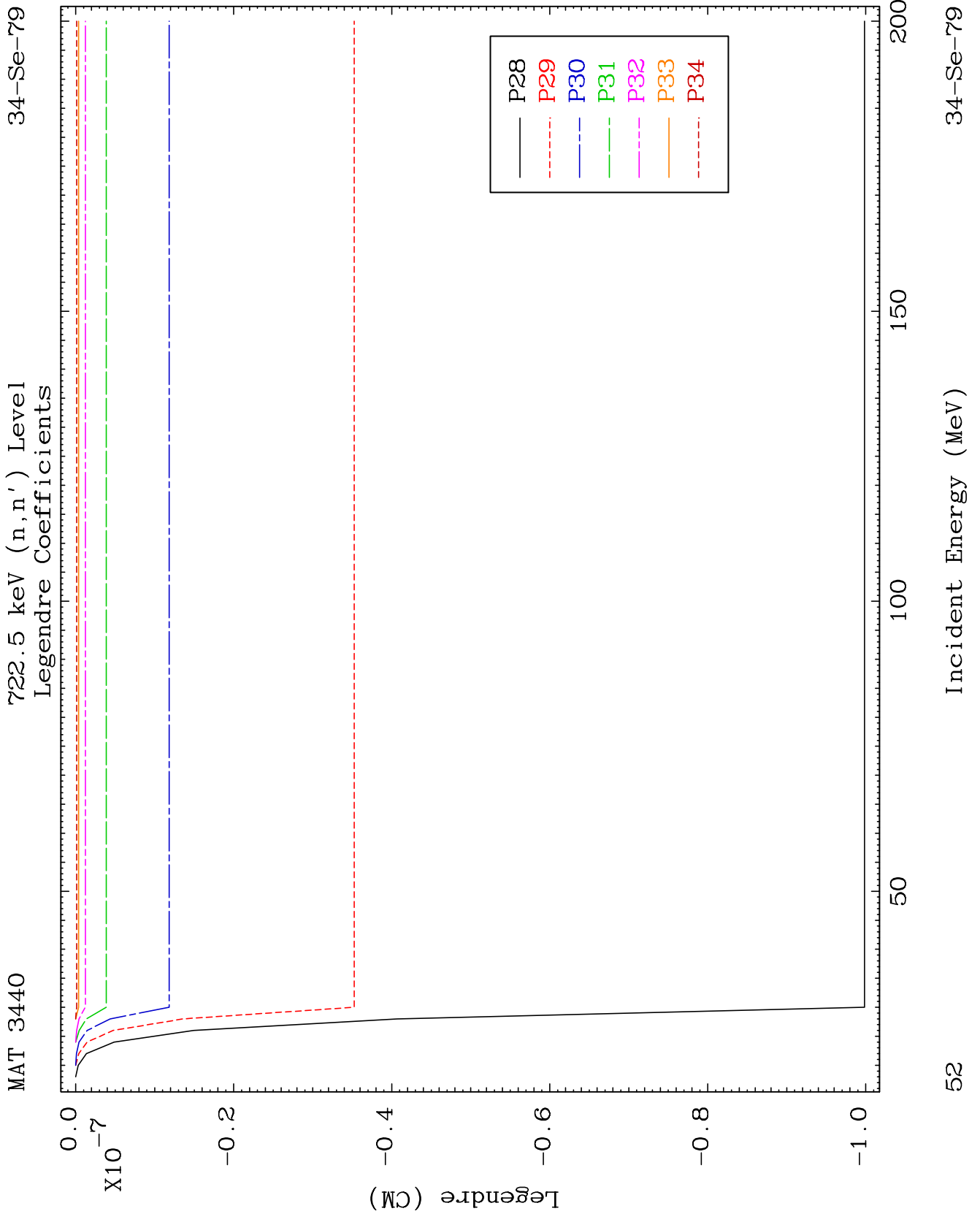
MAT 3440

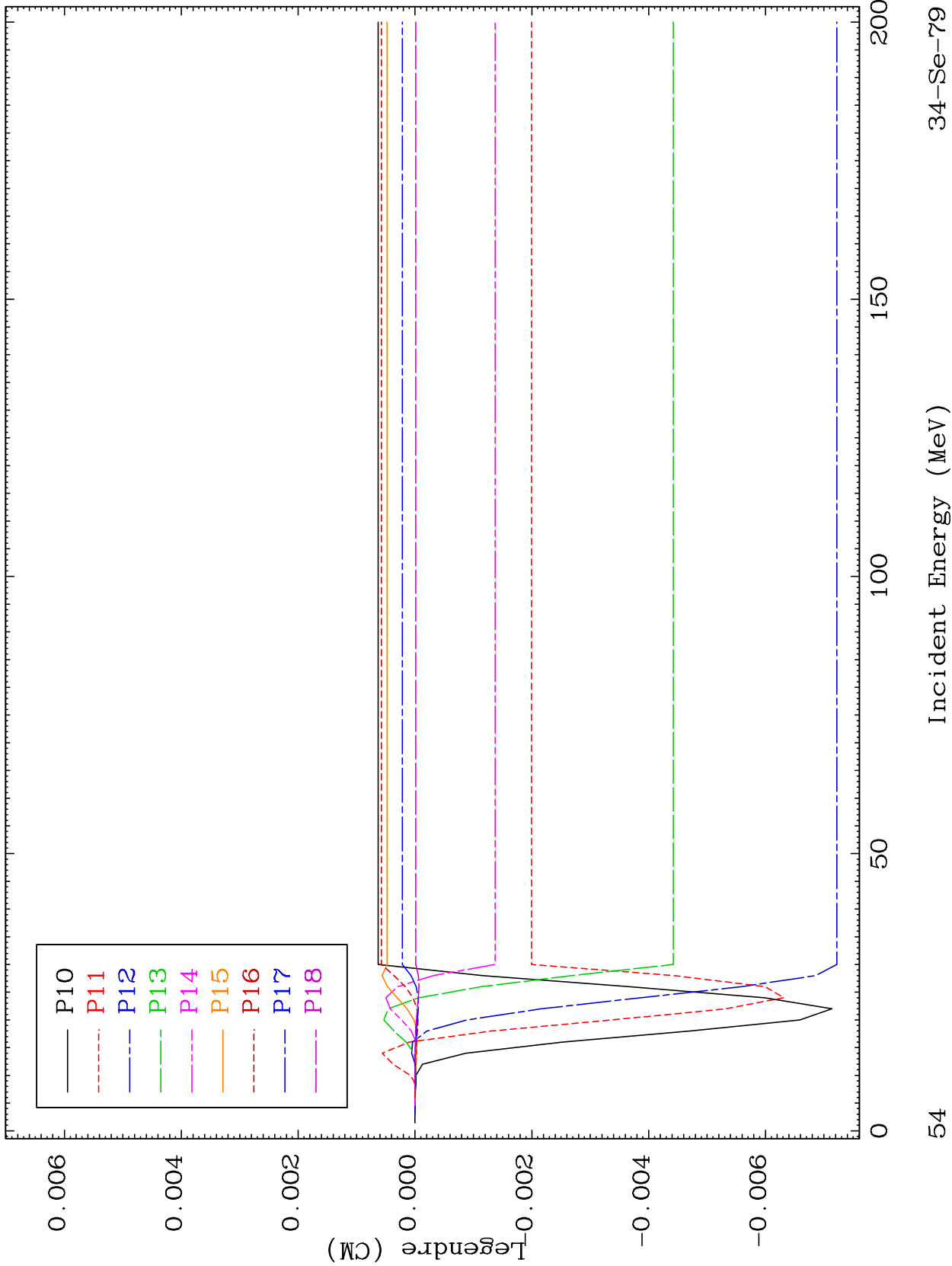
722.5 keV (n,n') Level
Legendre Coefficients

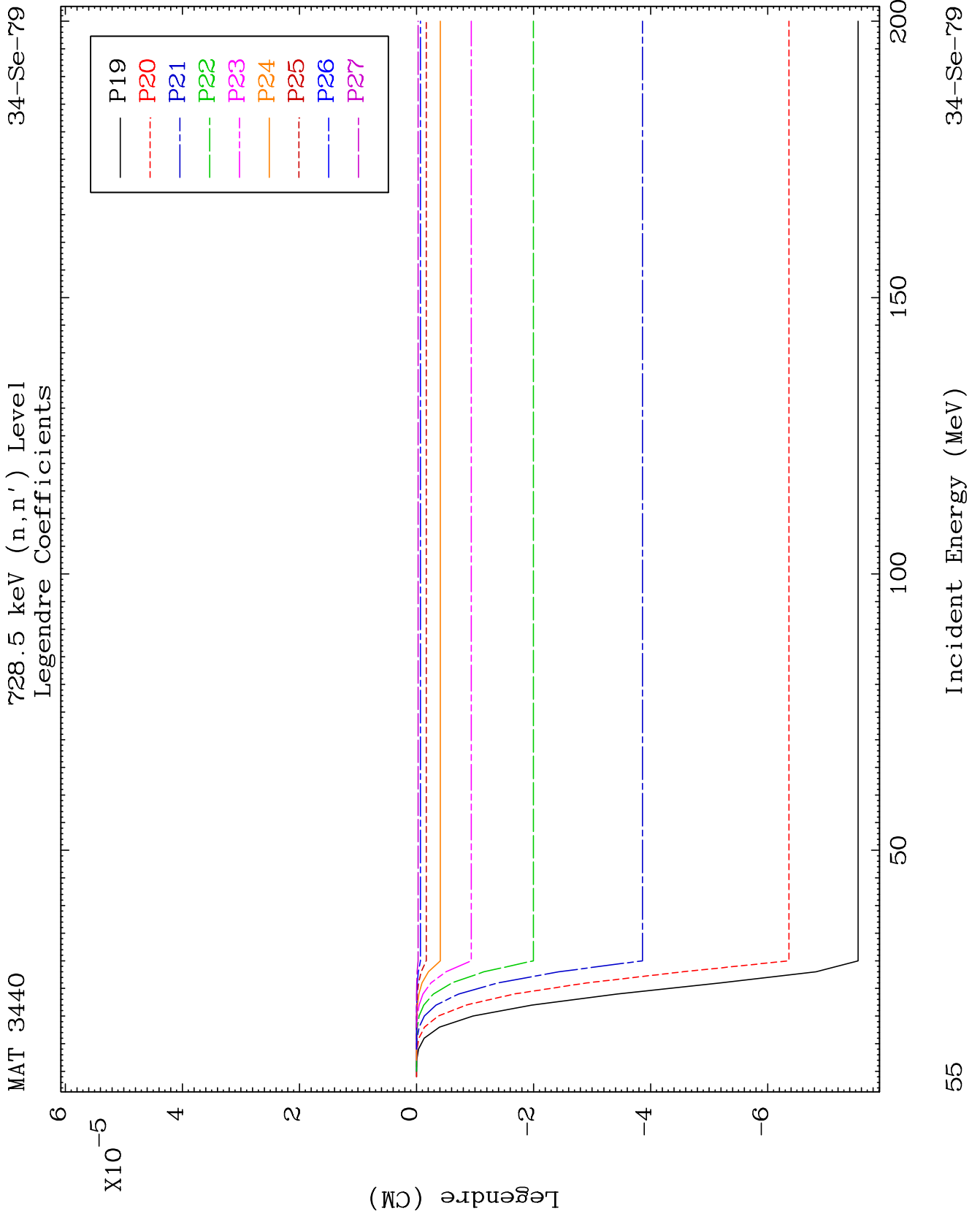
34-Se-79

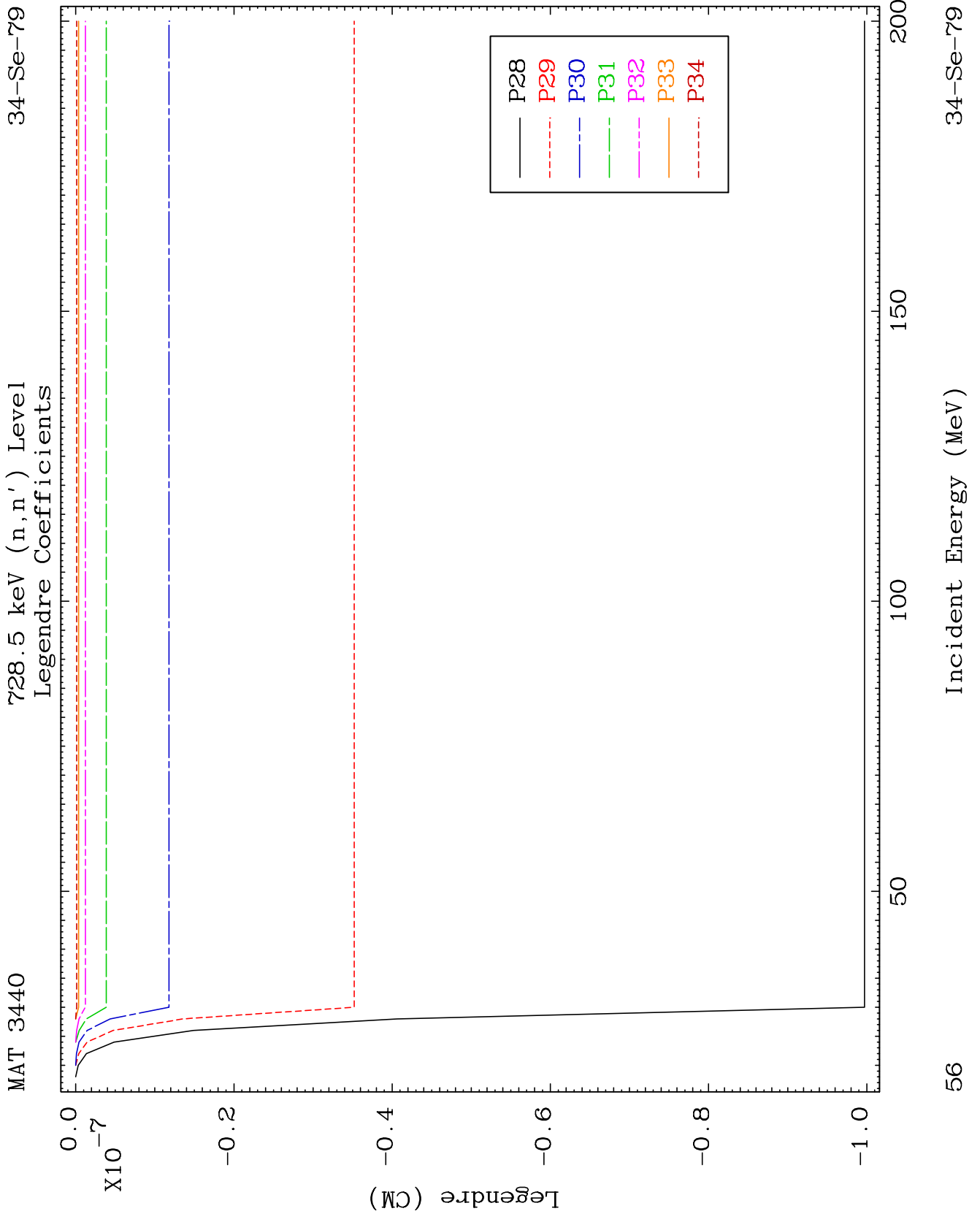


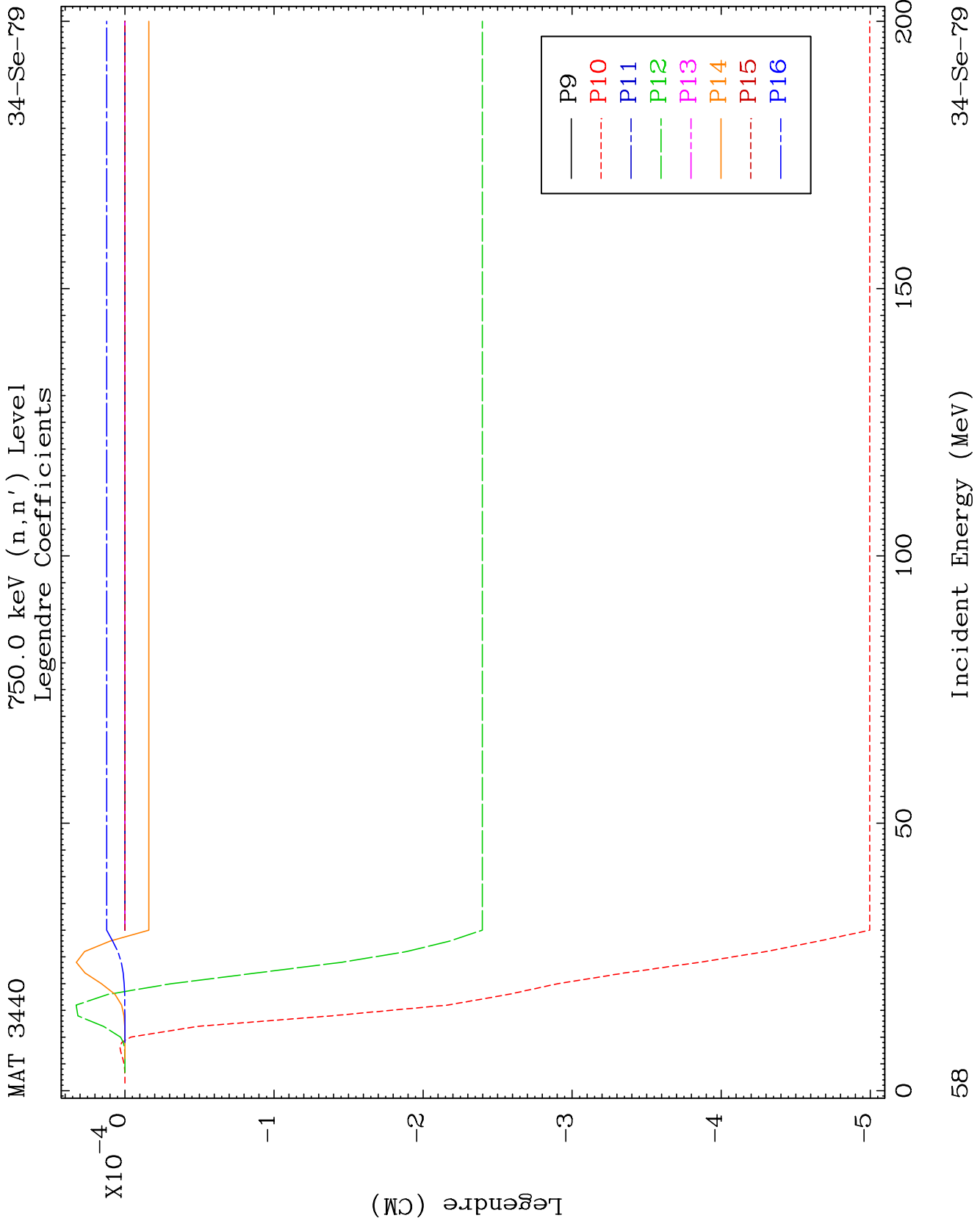


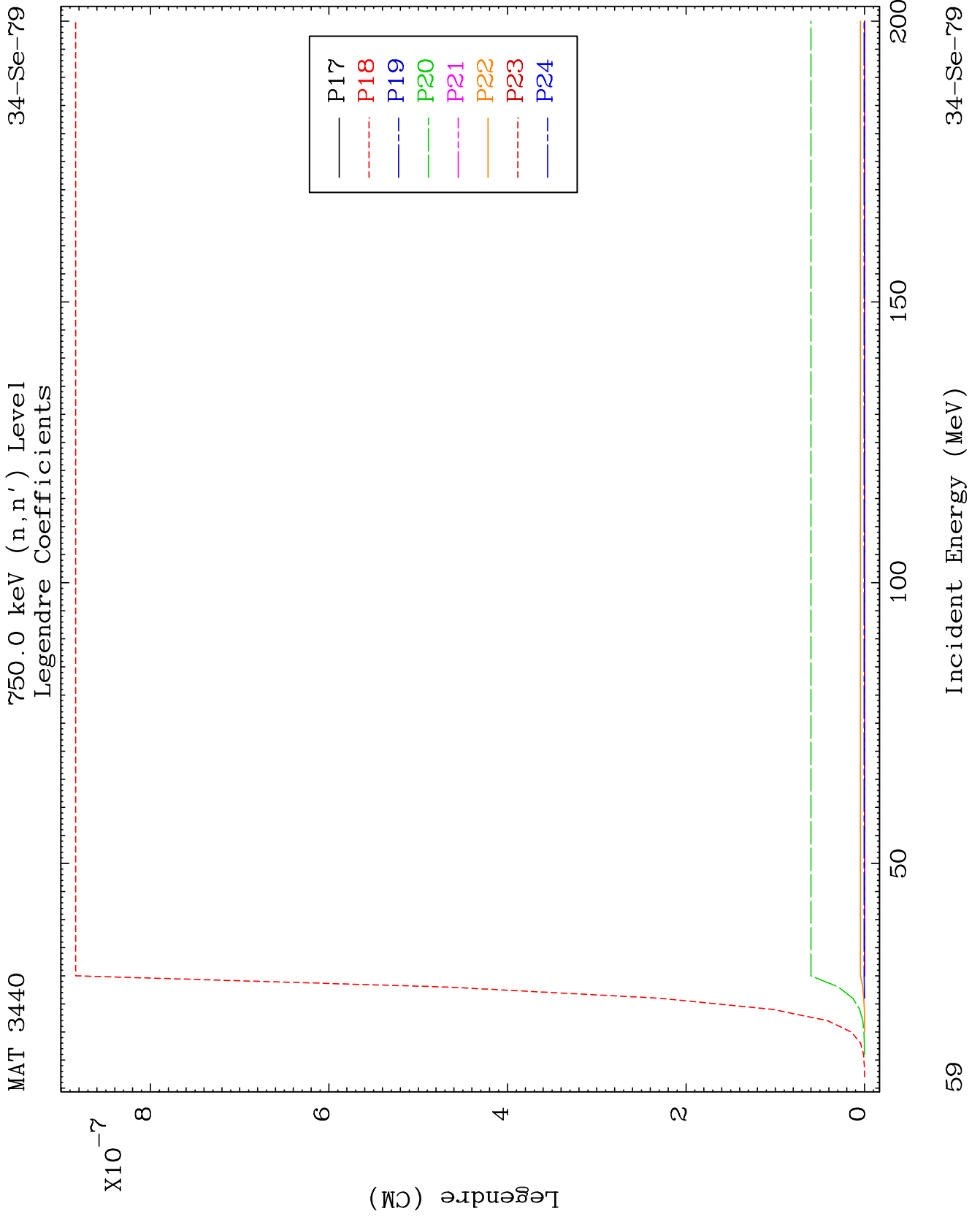








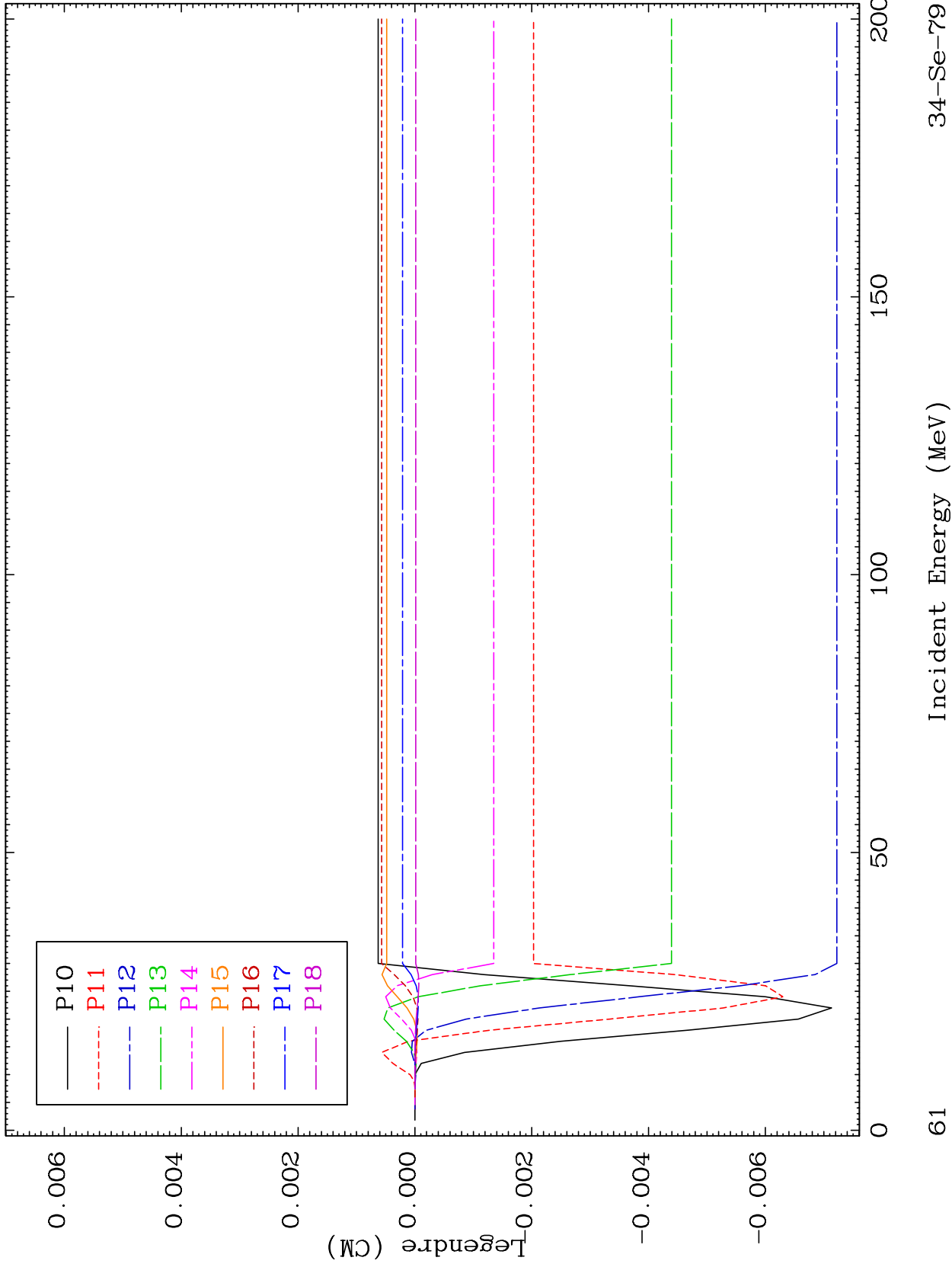




MAT 3440

790.4 keV (n,n') Level
Legendre Coefficients

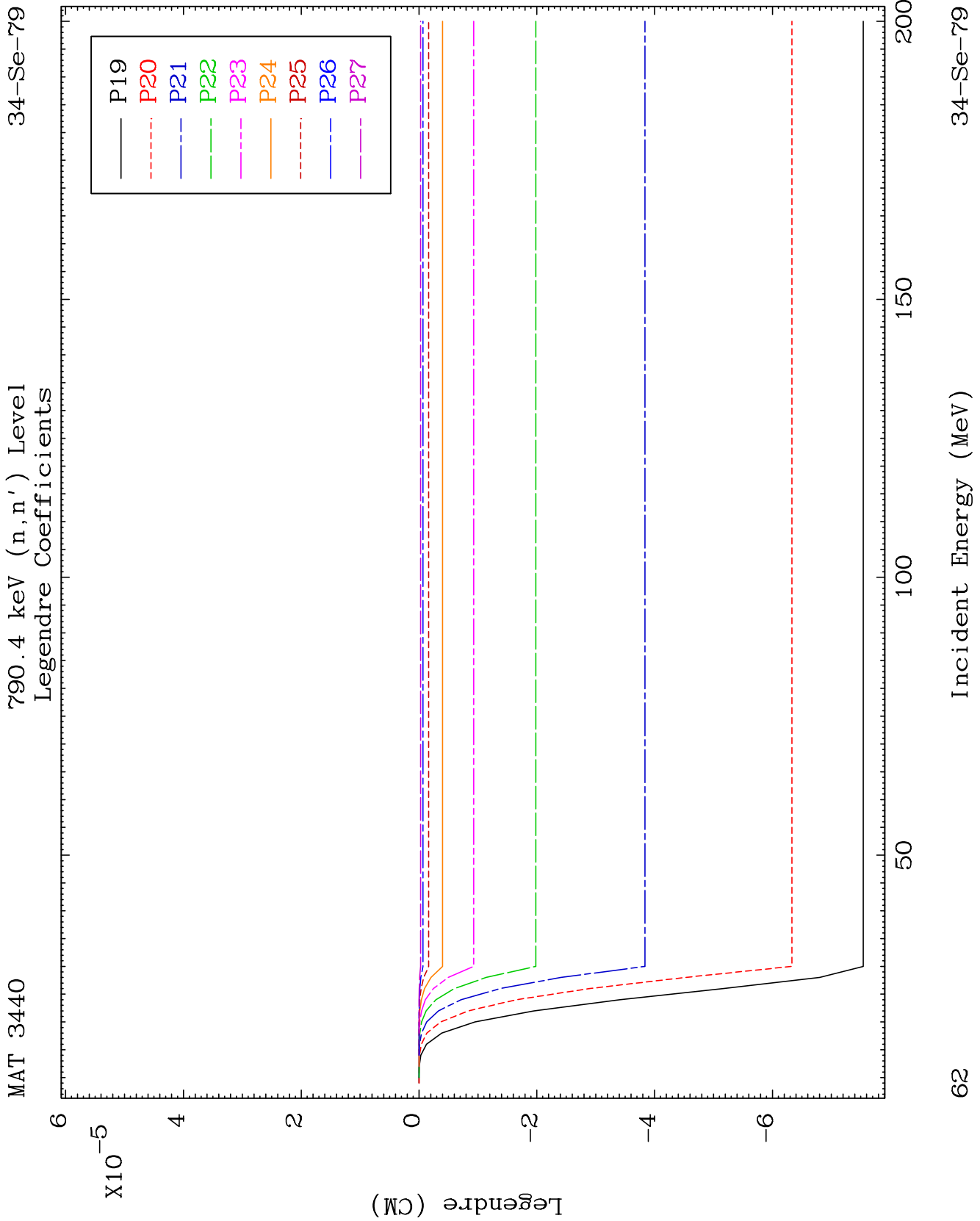
34-Se-79

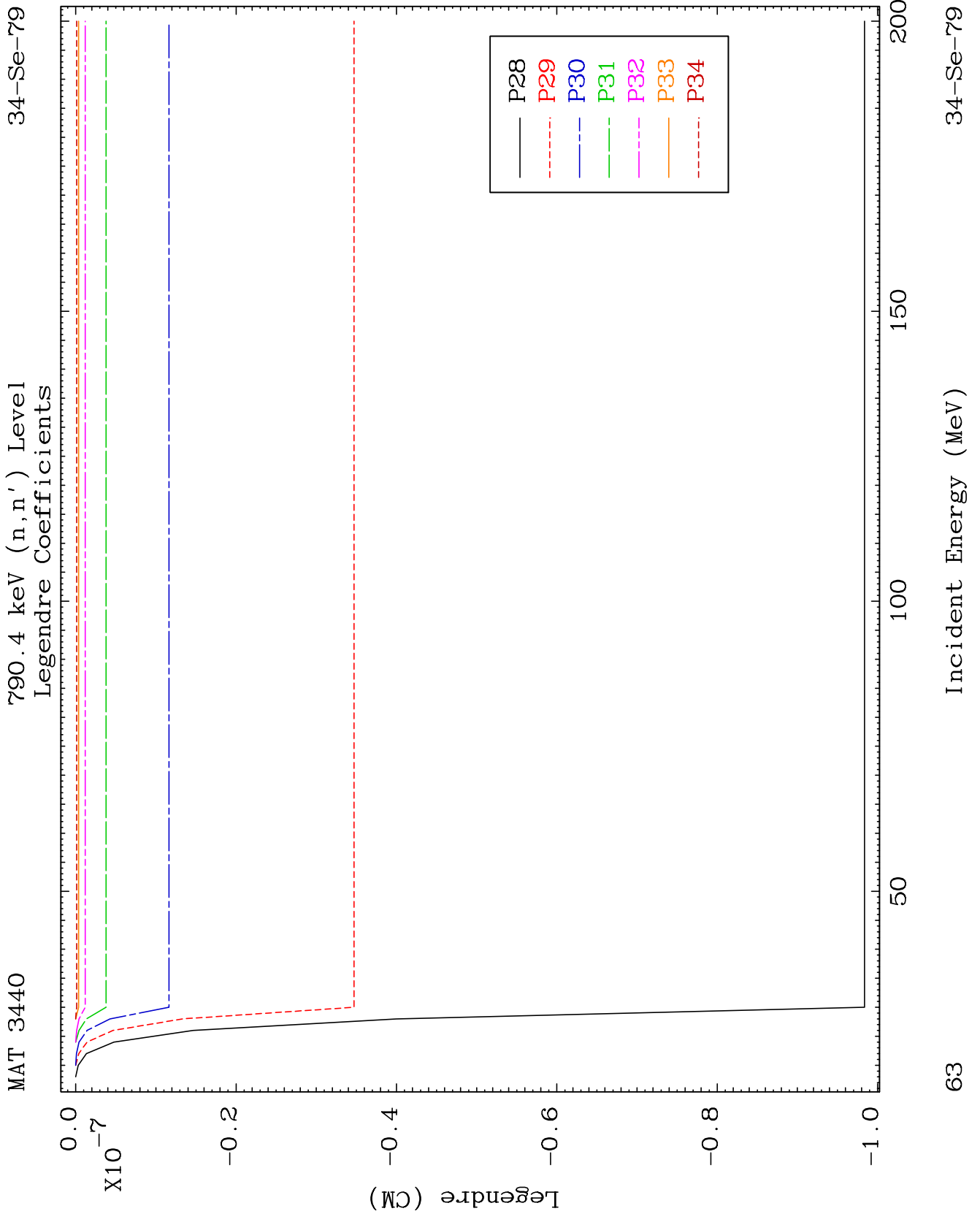


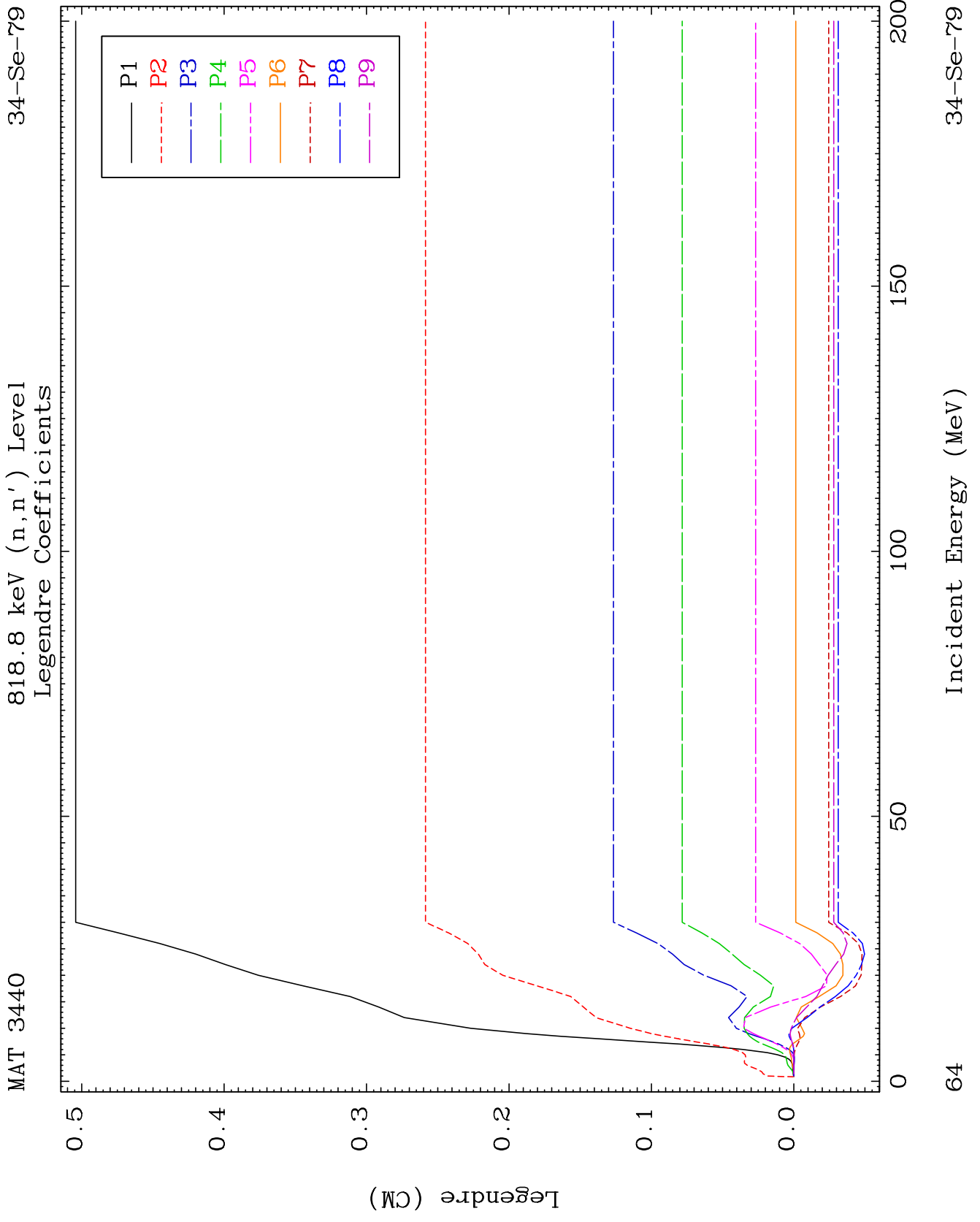
61

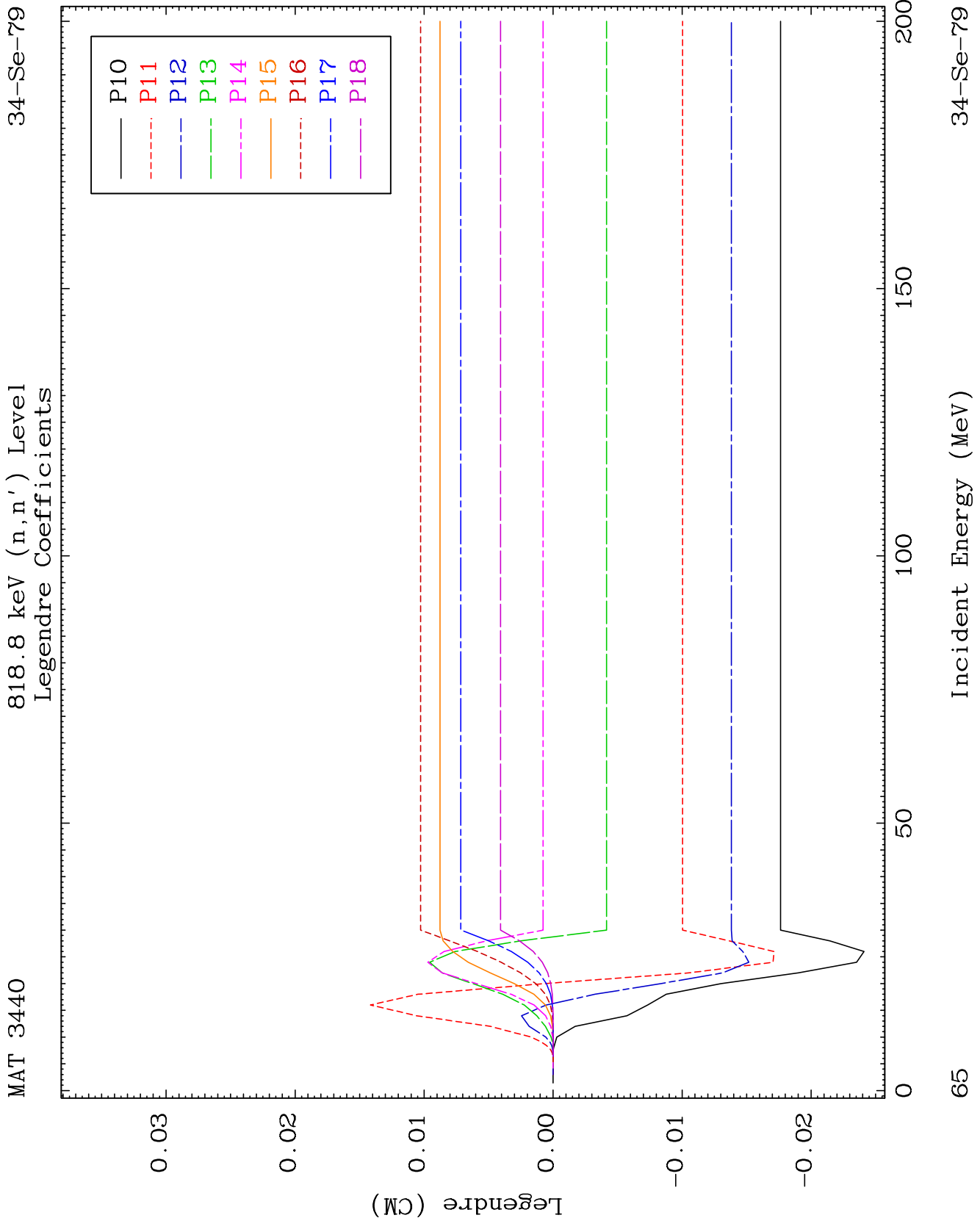
Incident Energy (MeV)

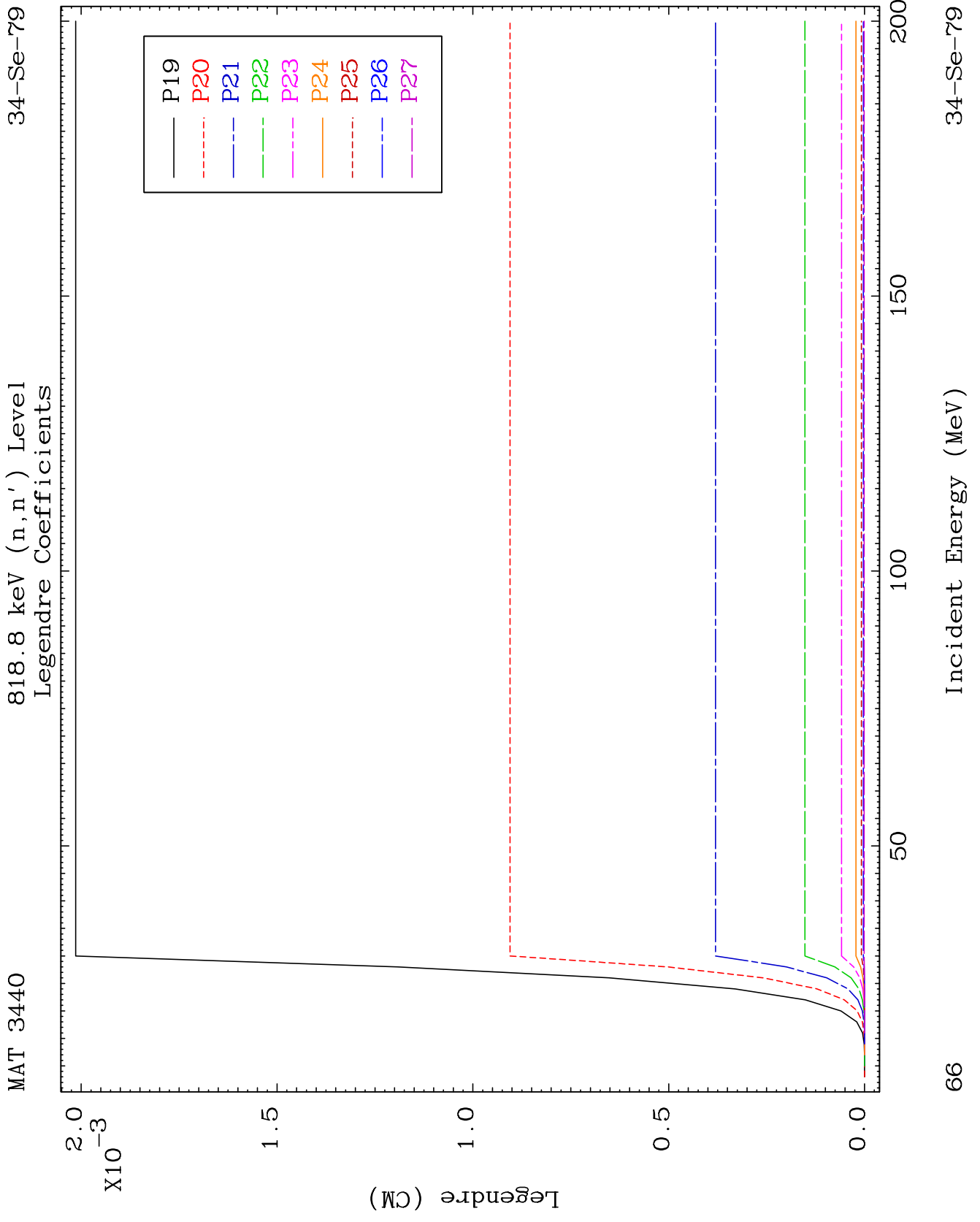
34-Se-79

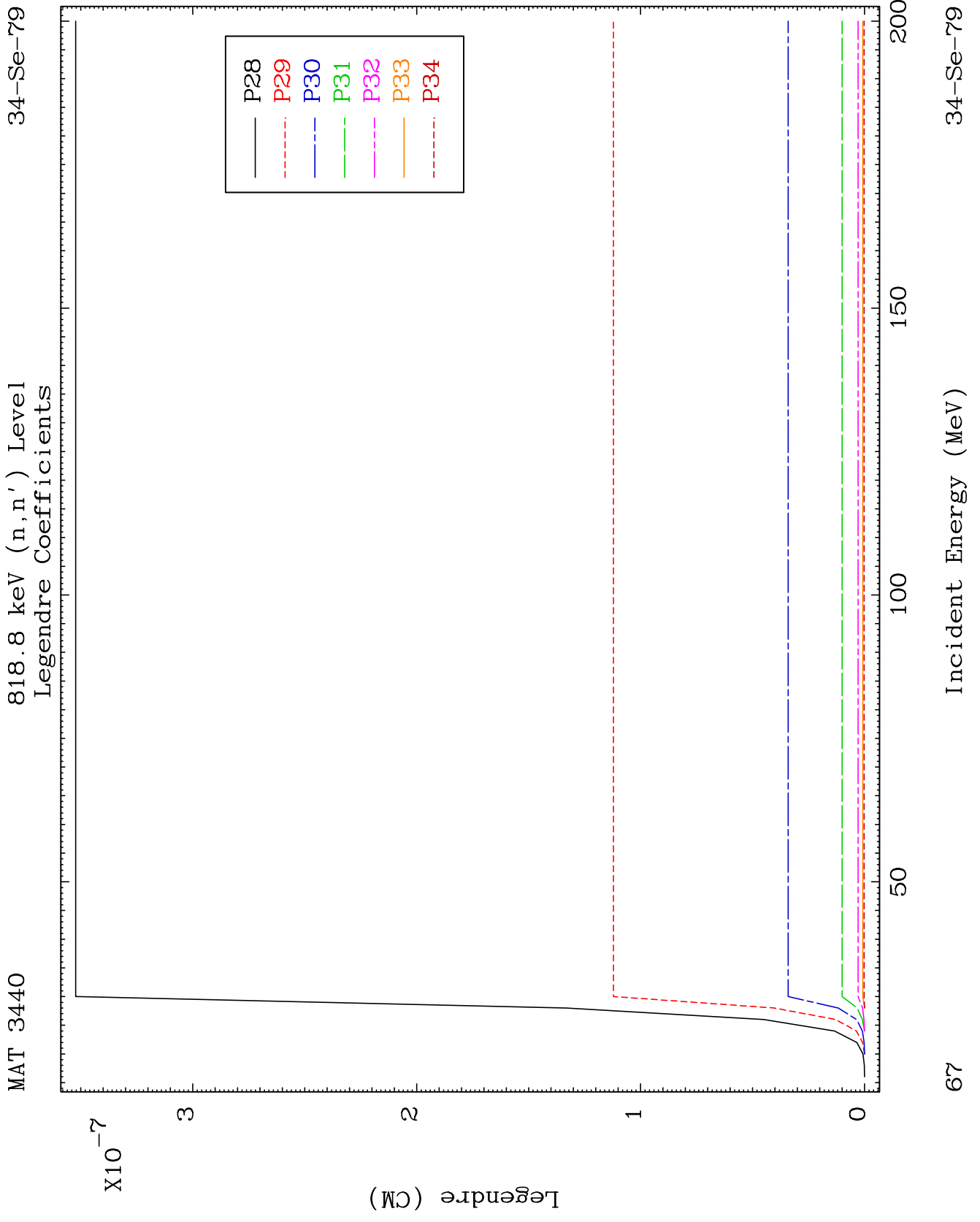


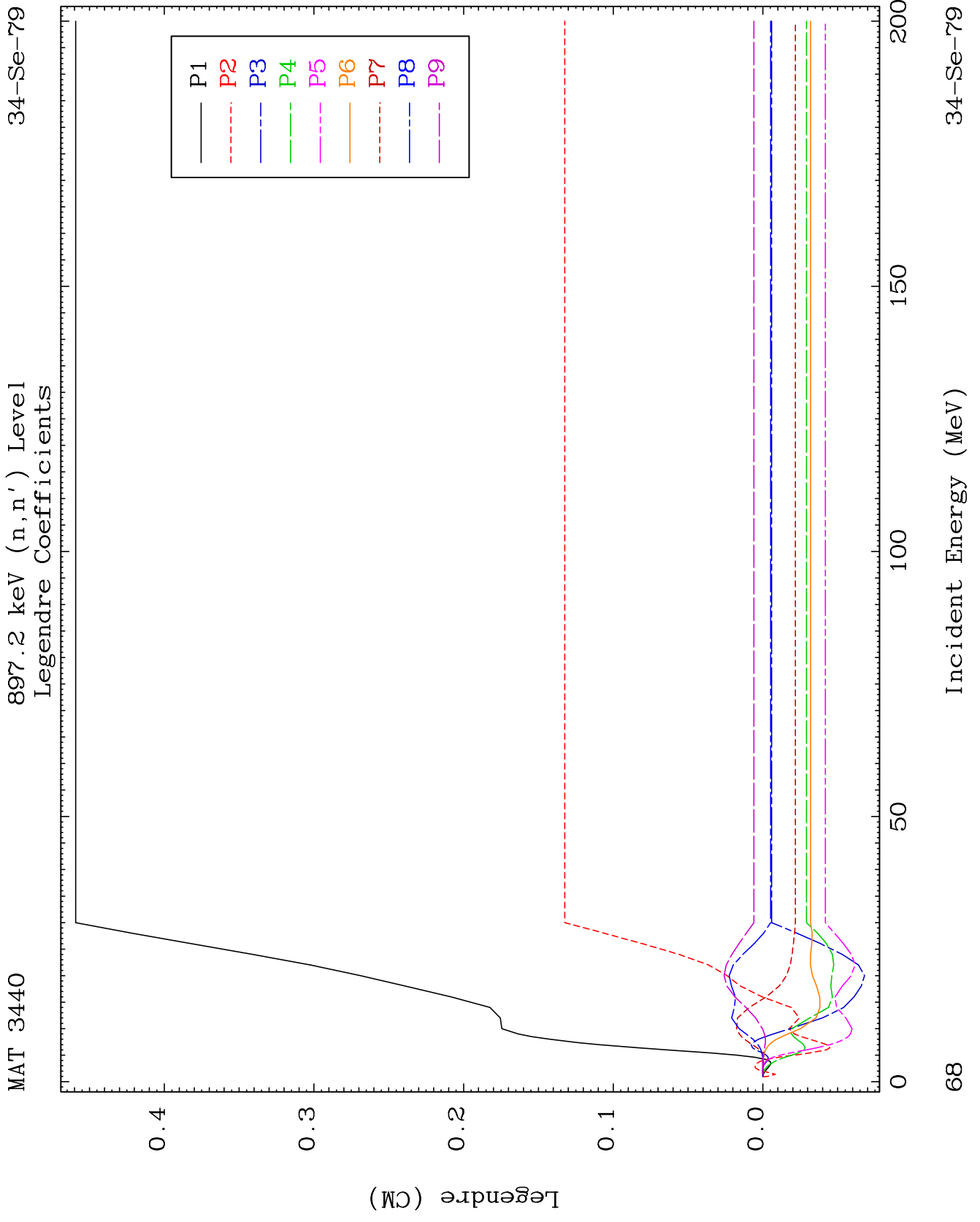


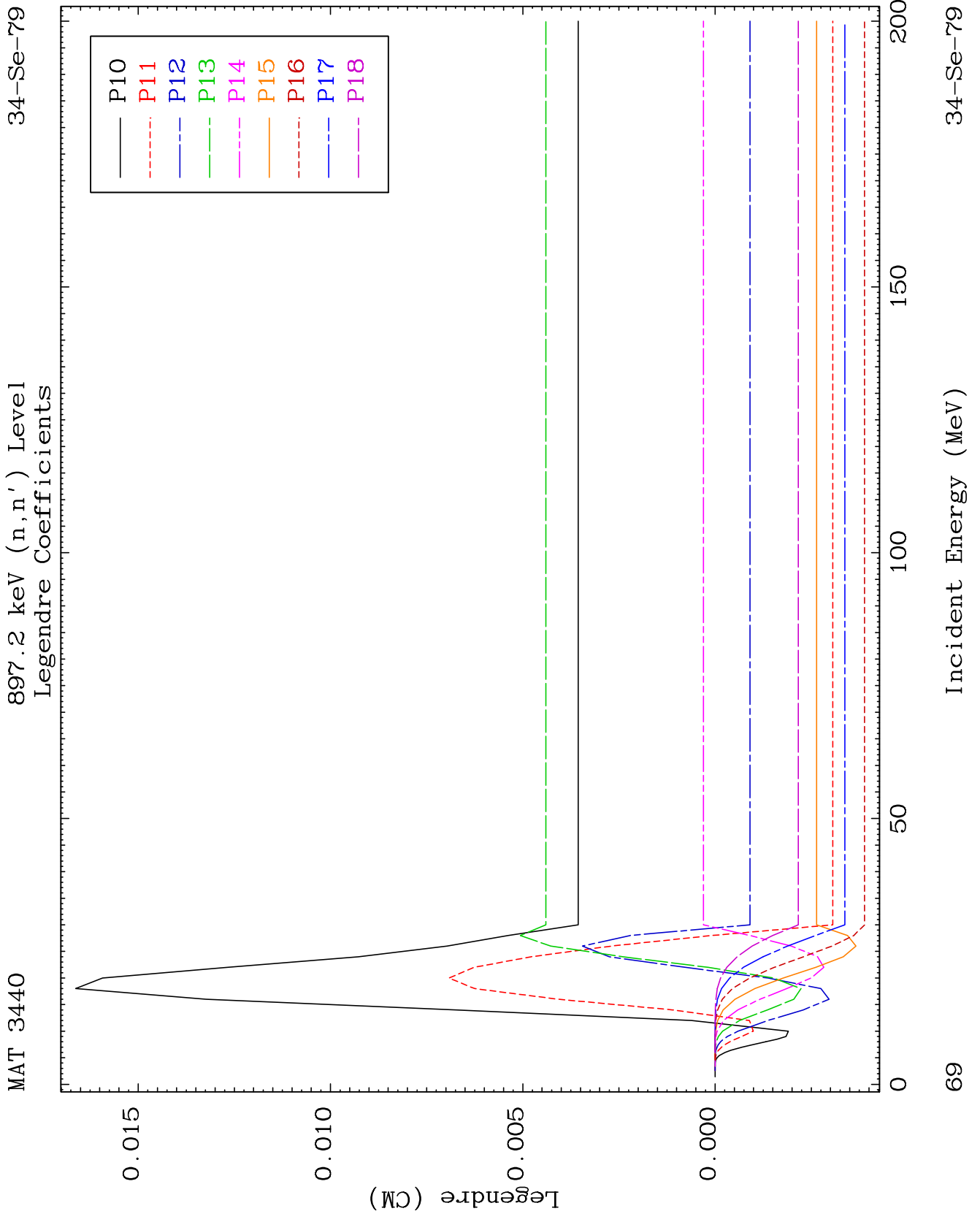


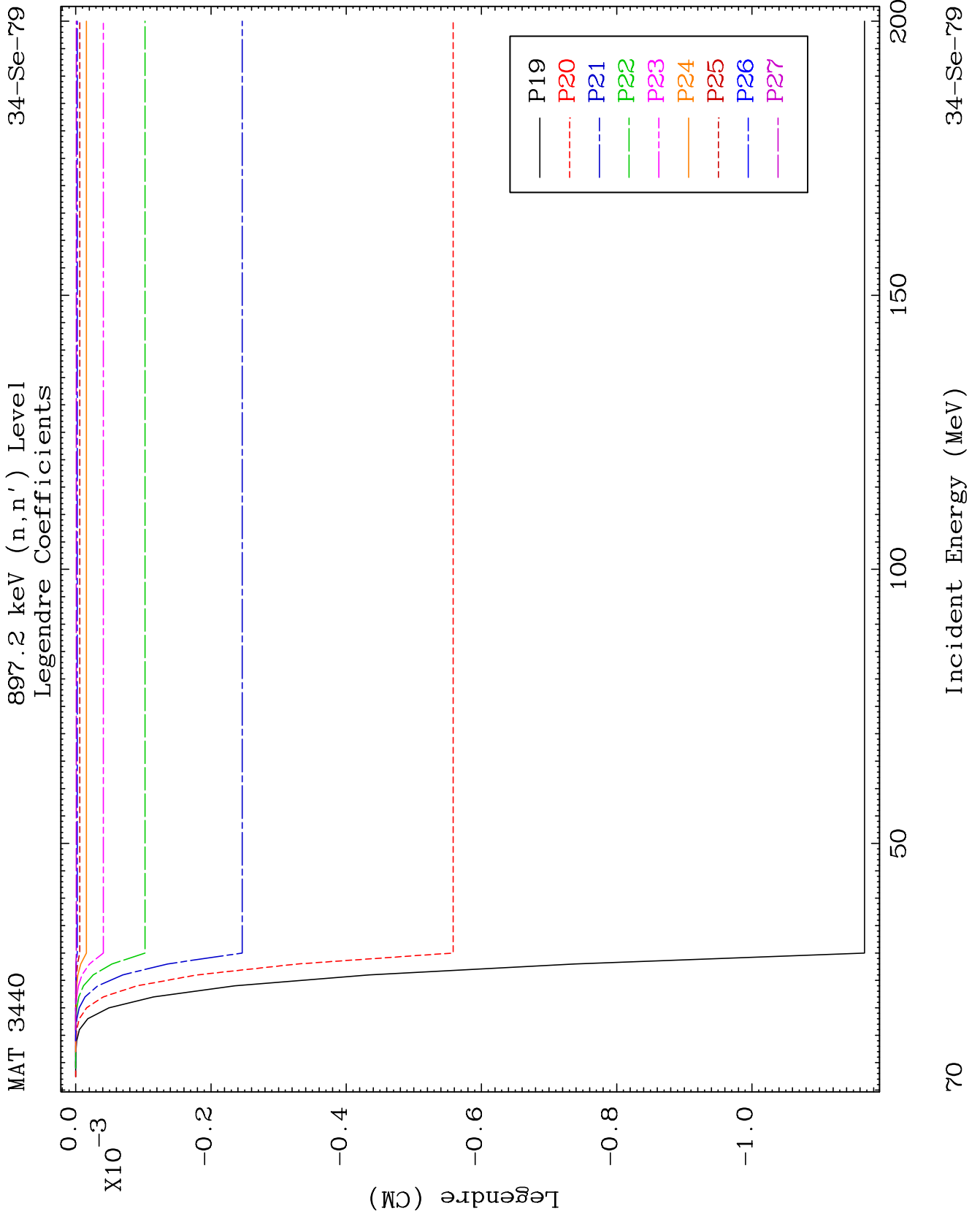


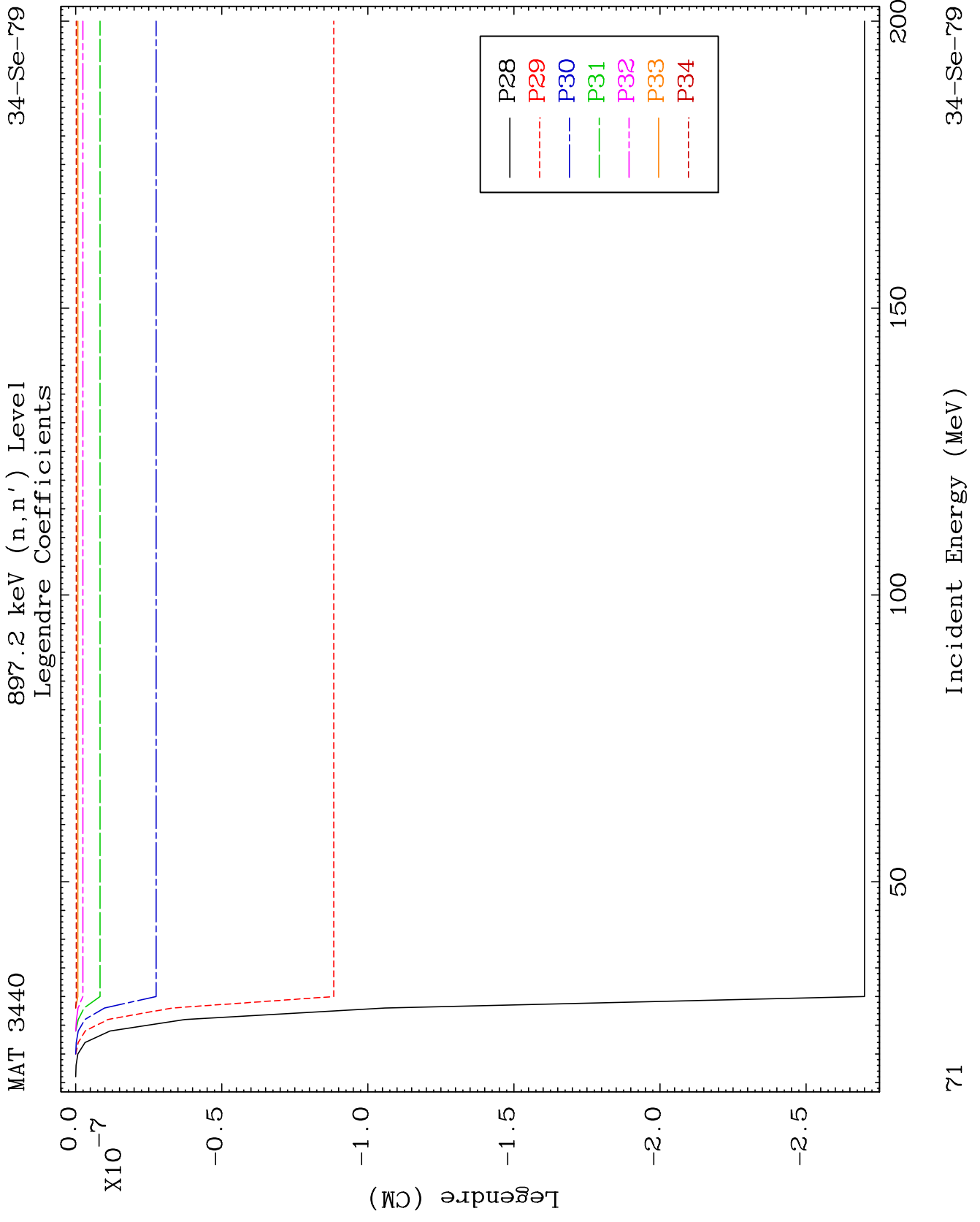


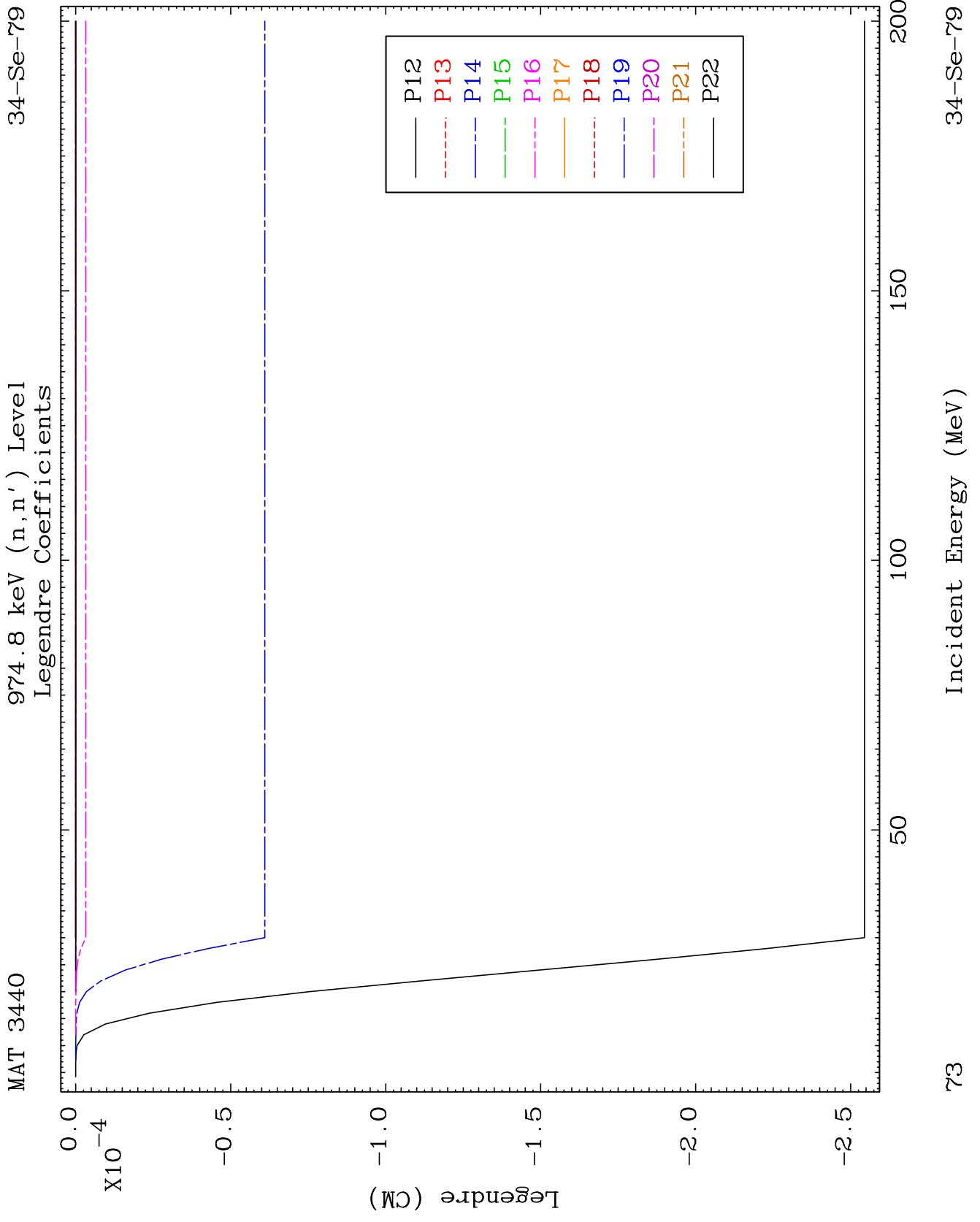


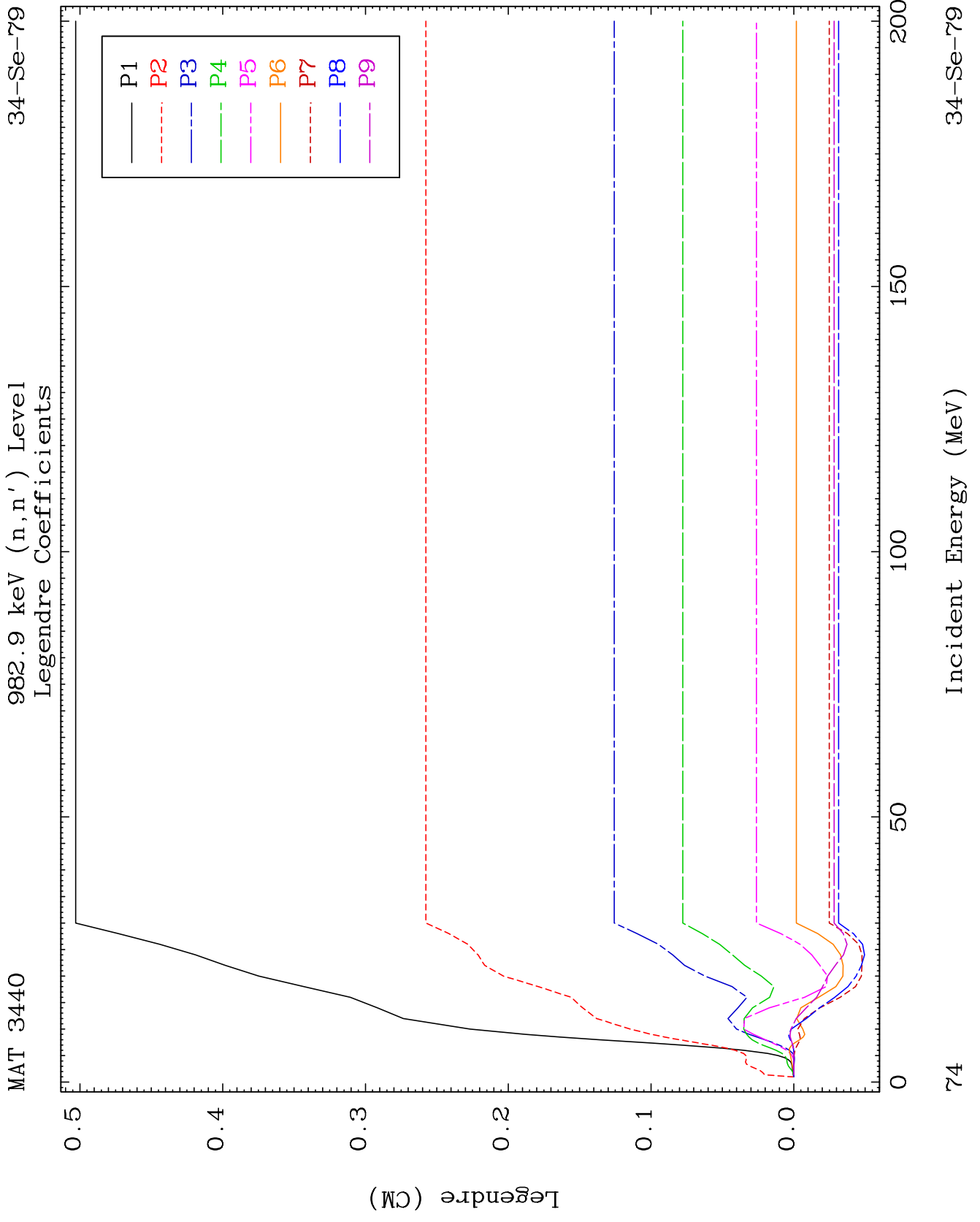


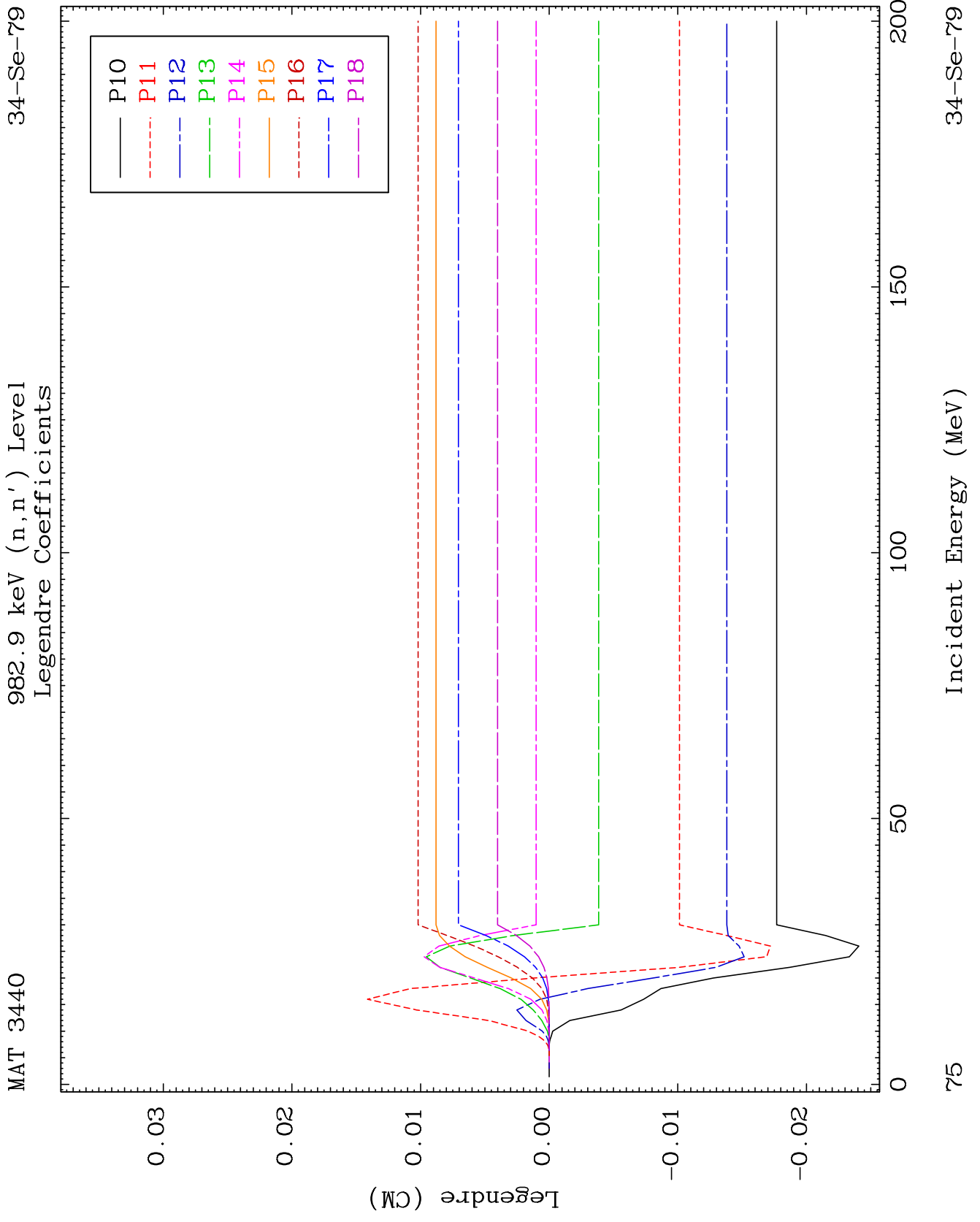


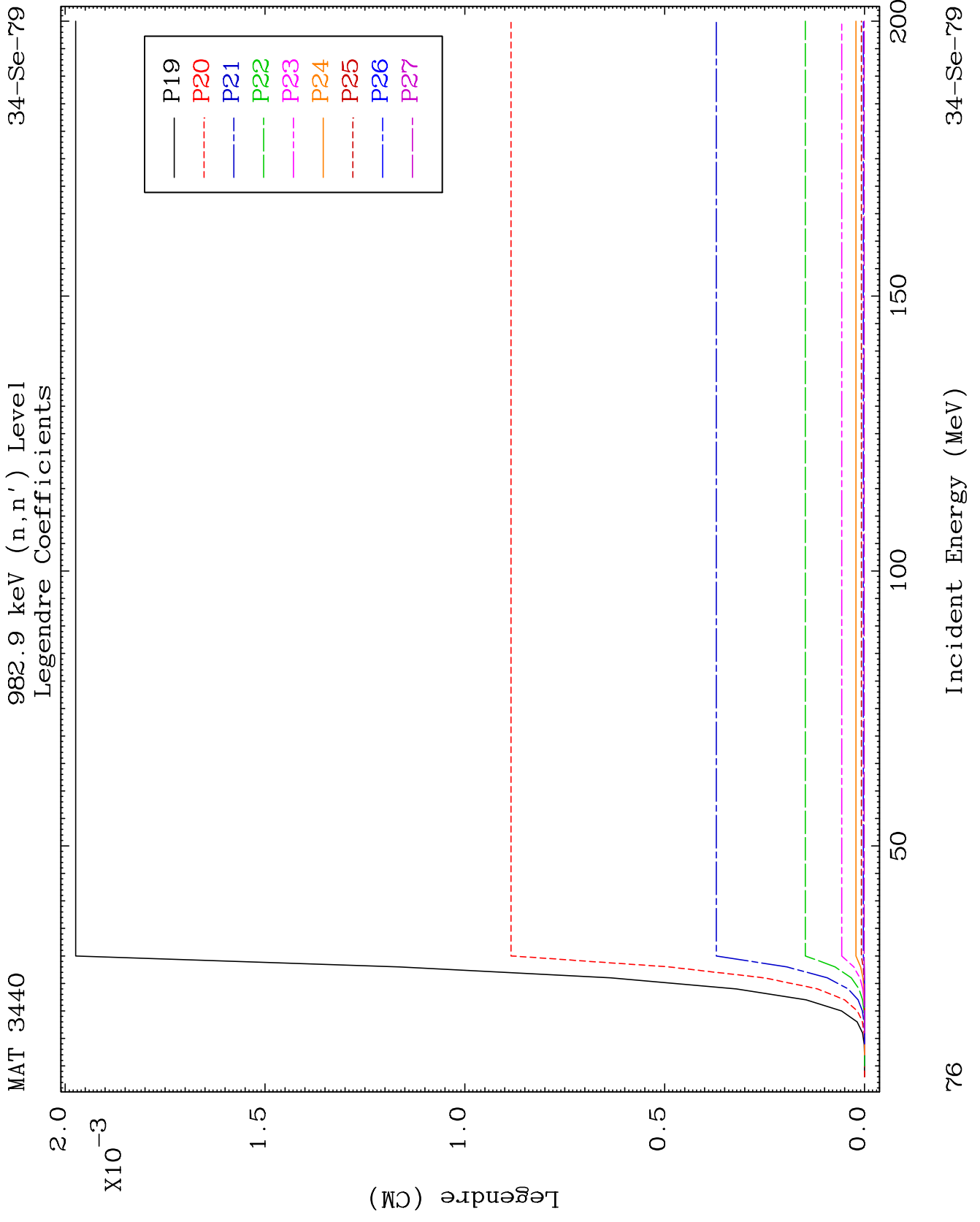


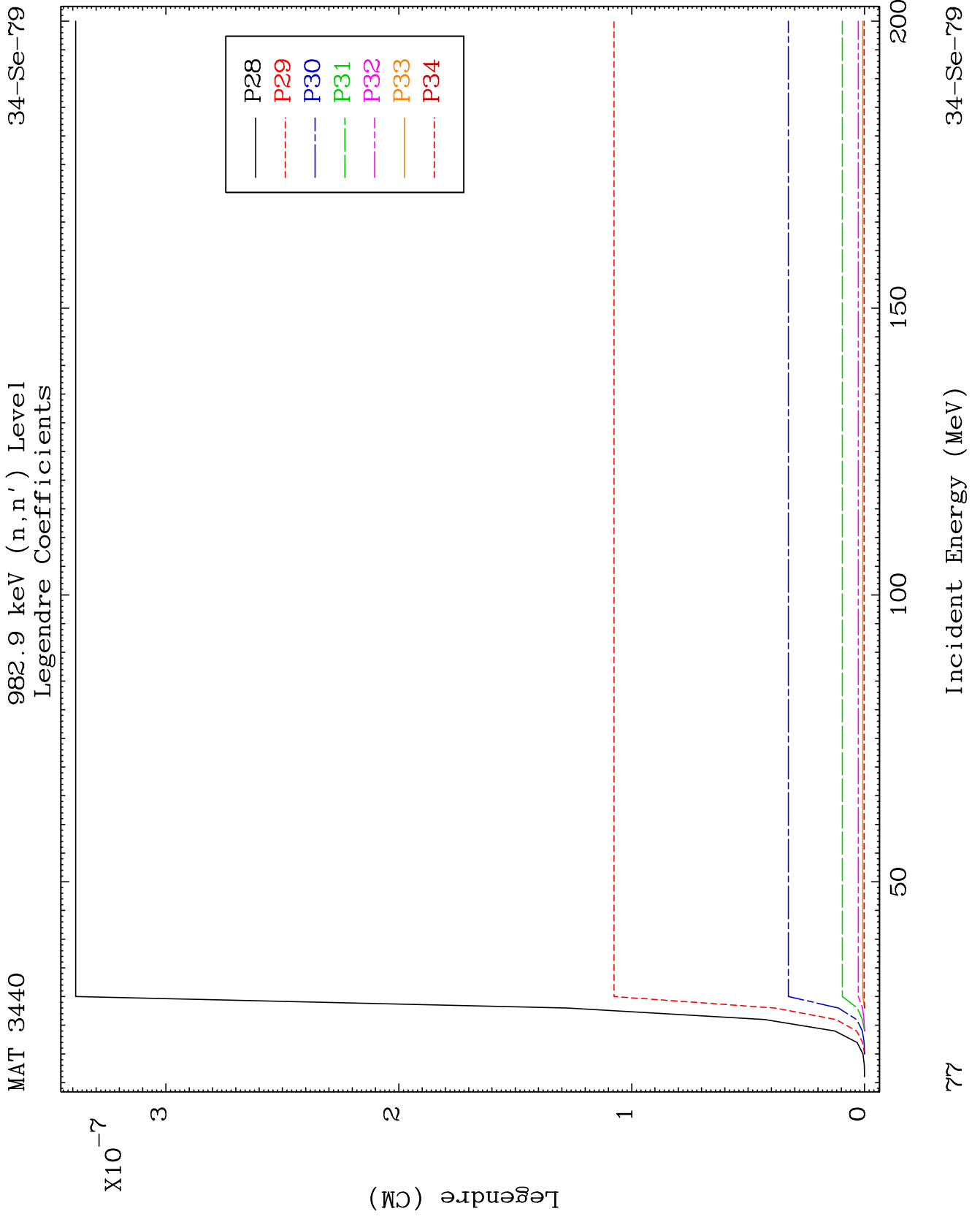


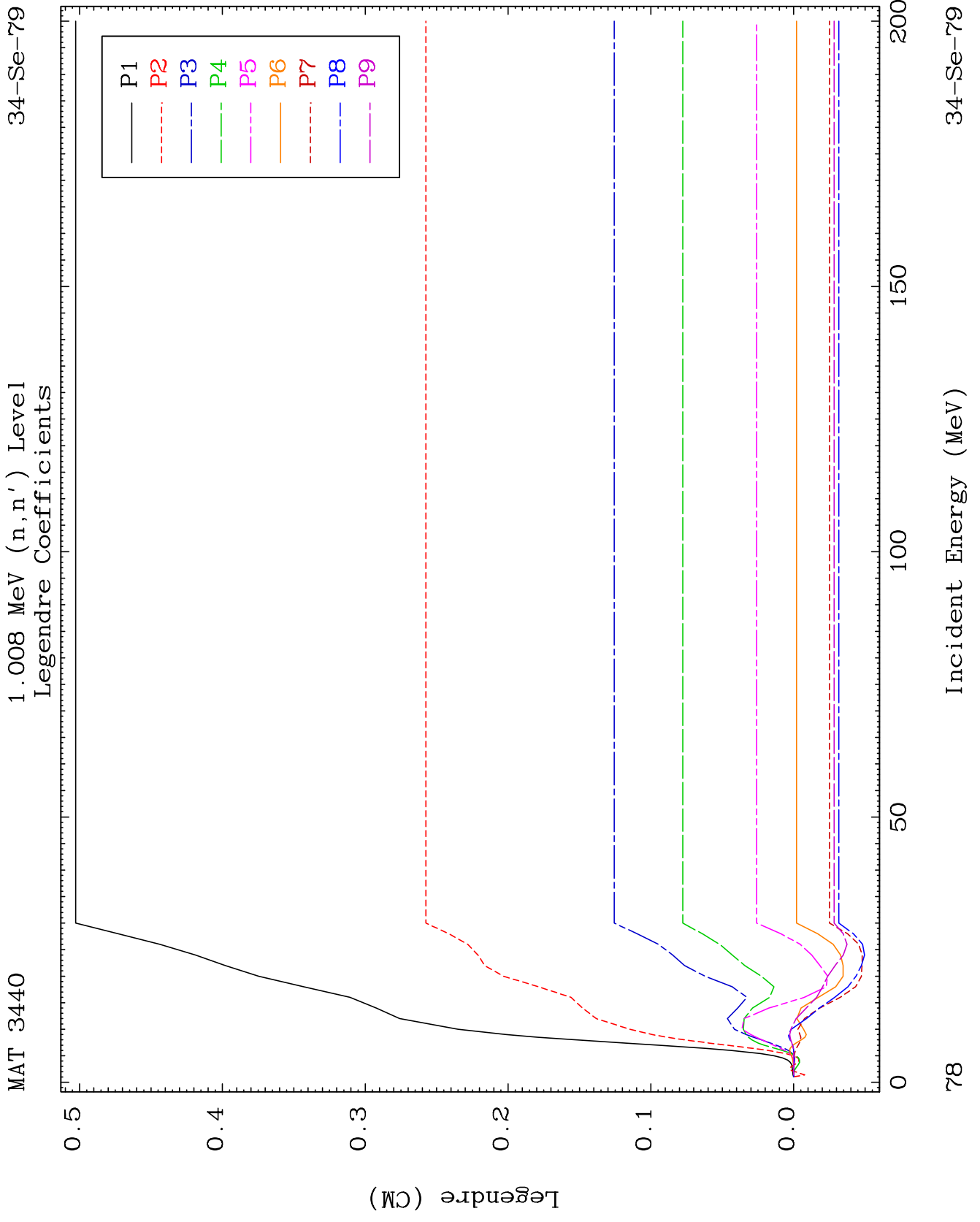


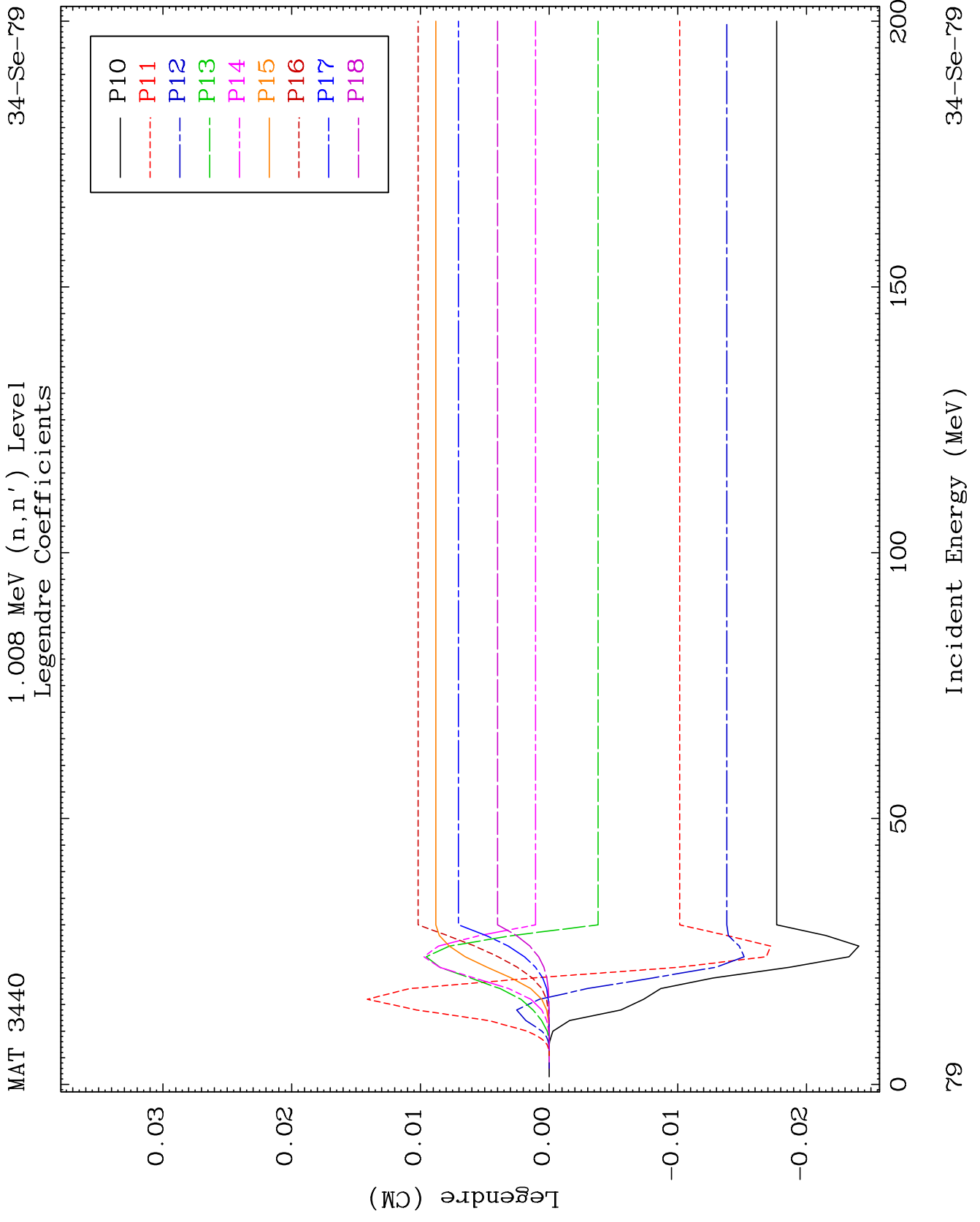


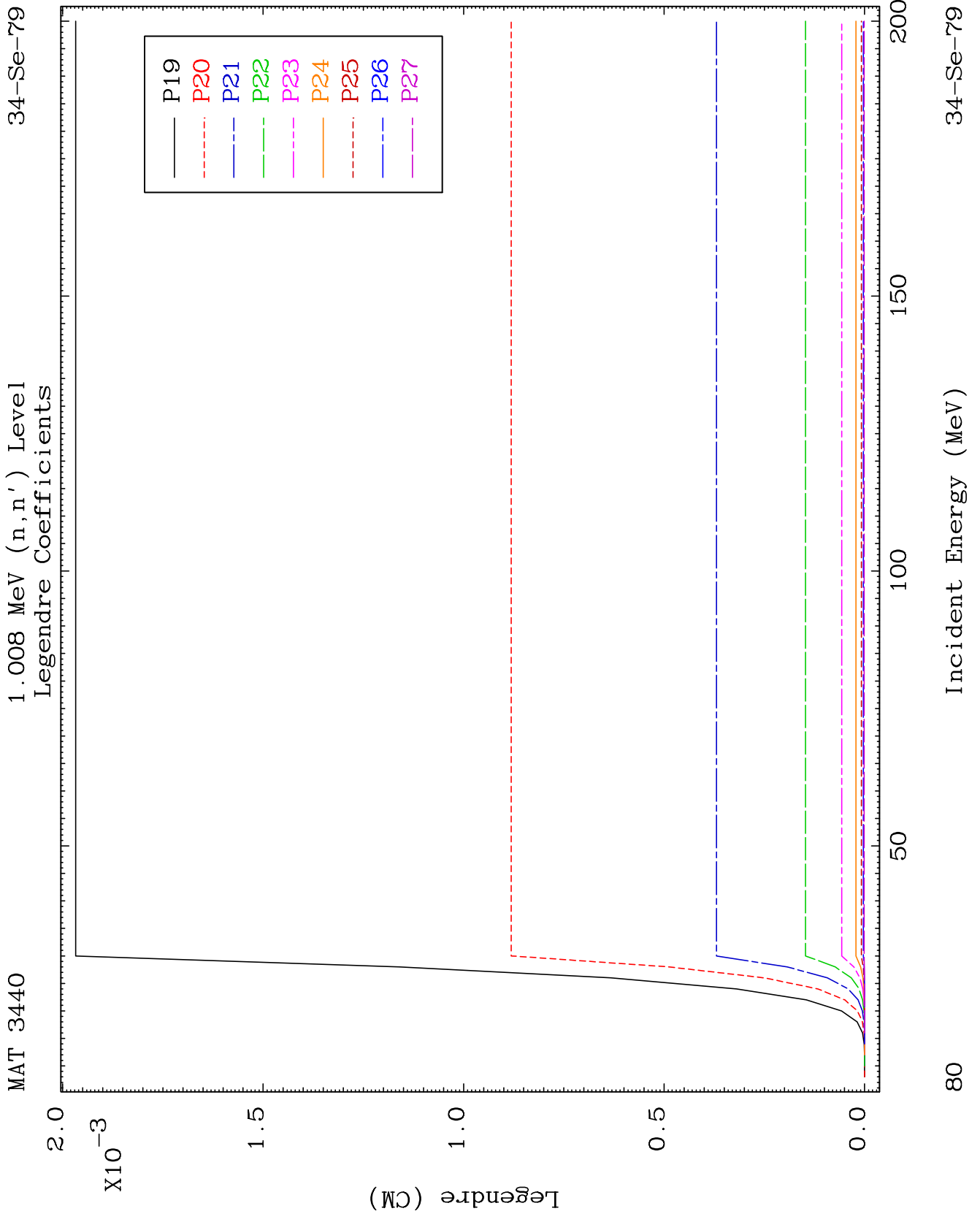


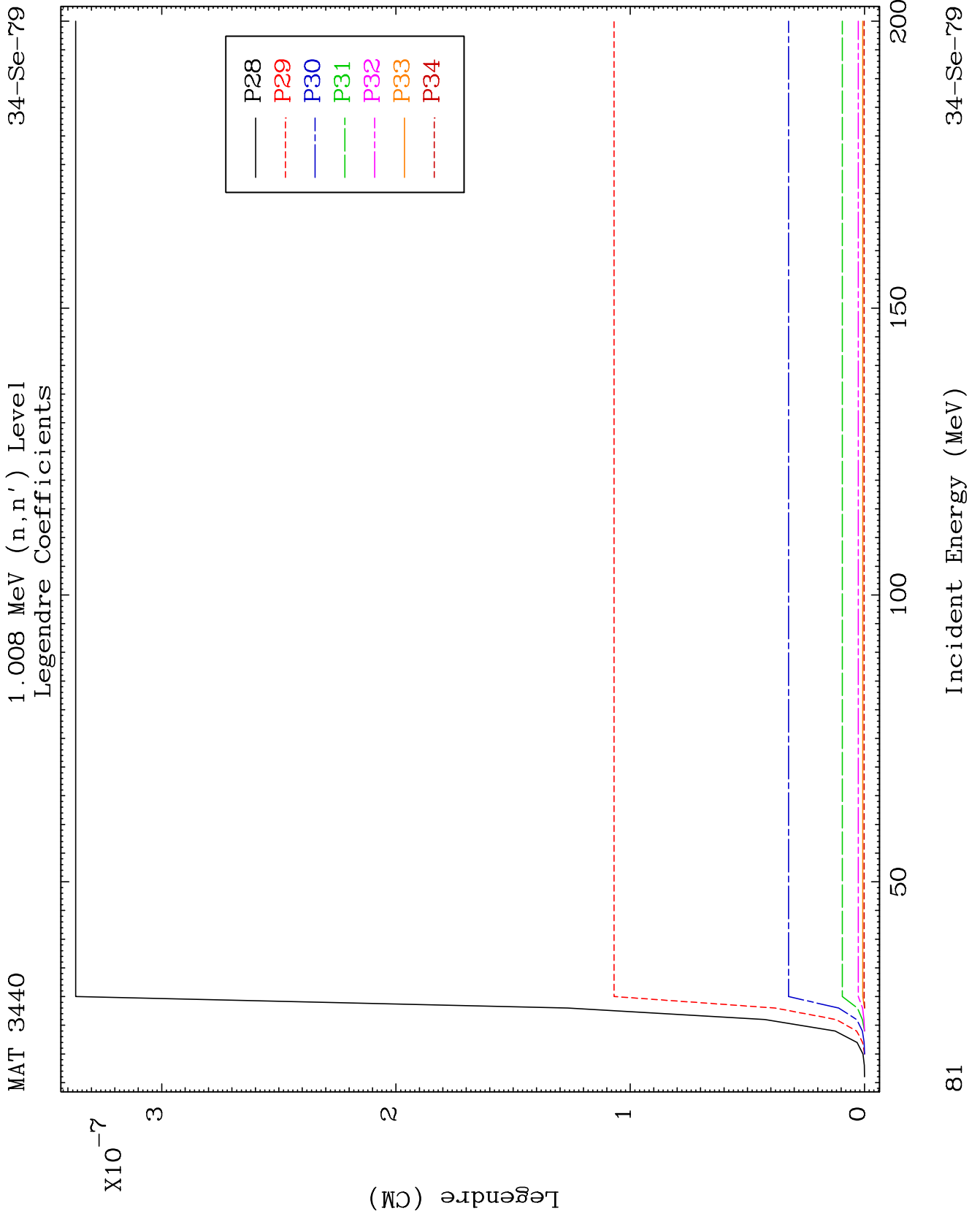


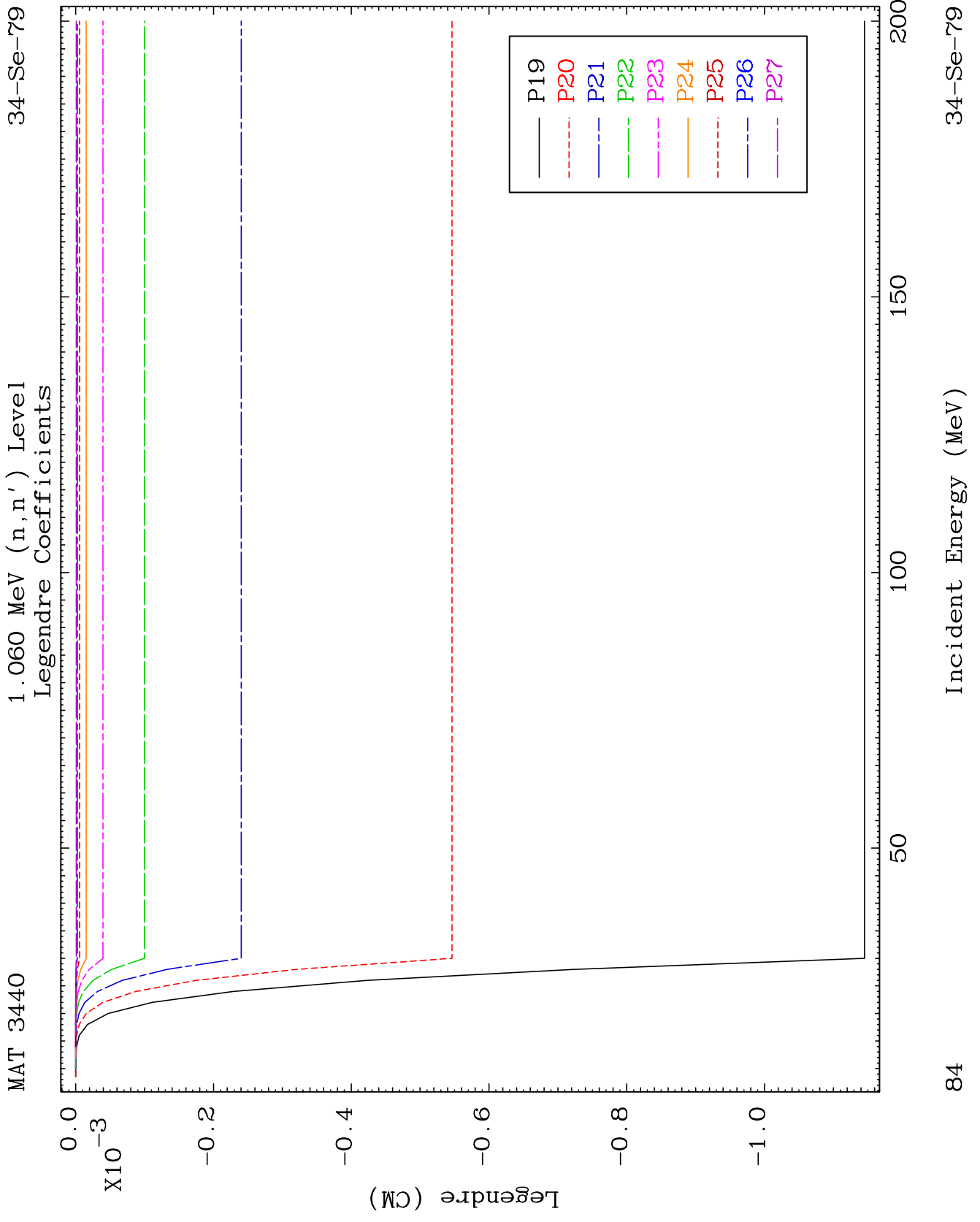


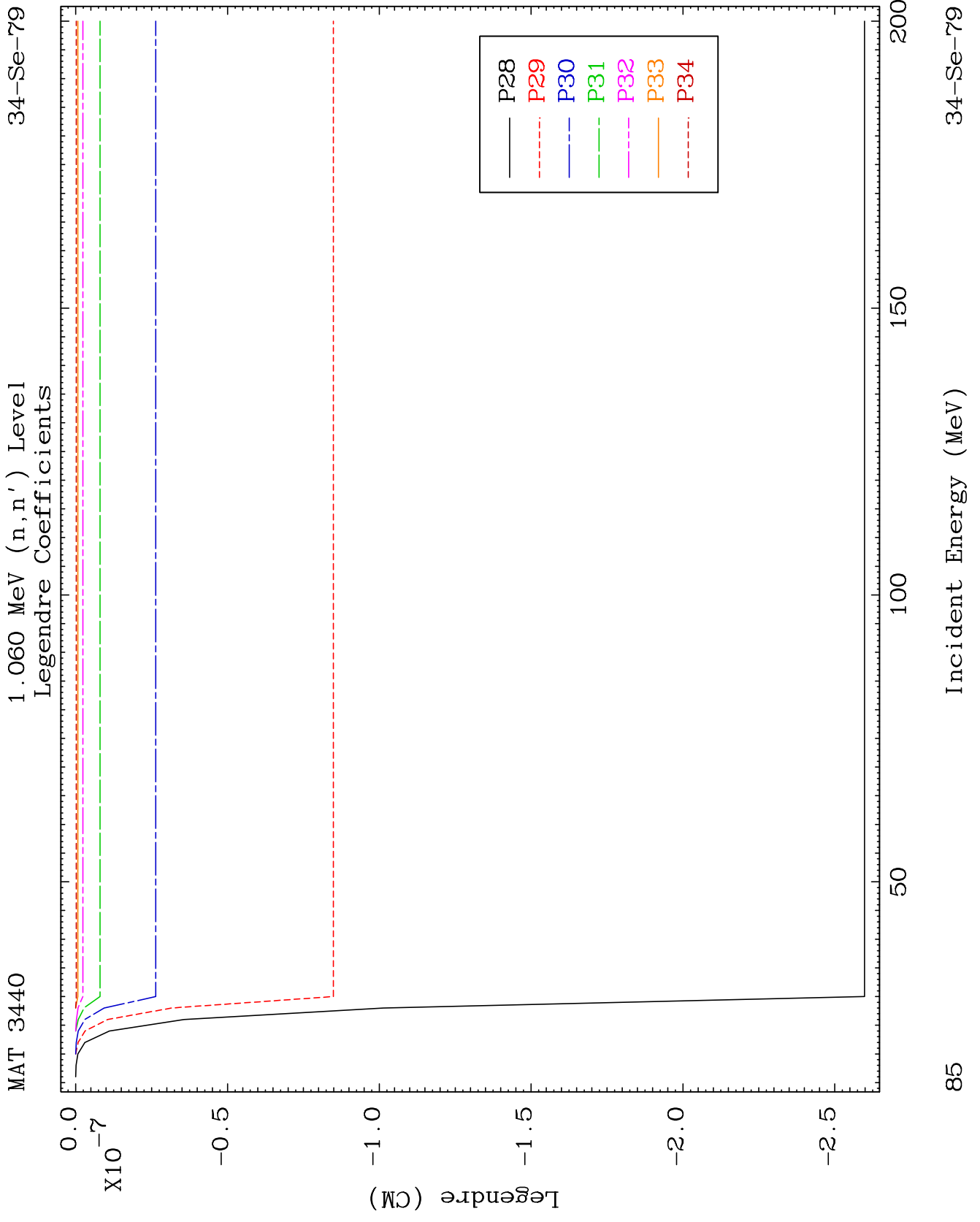


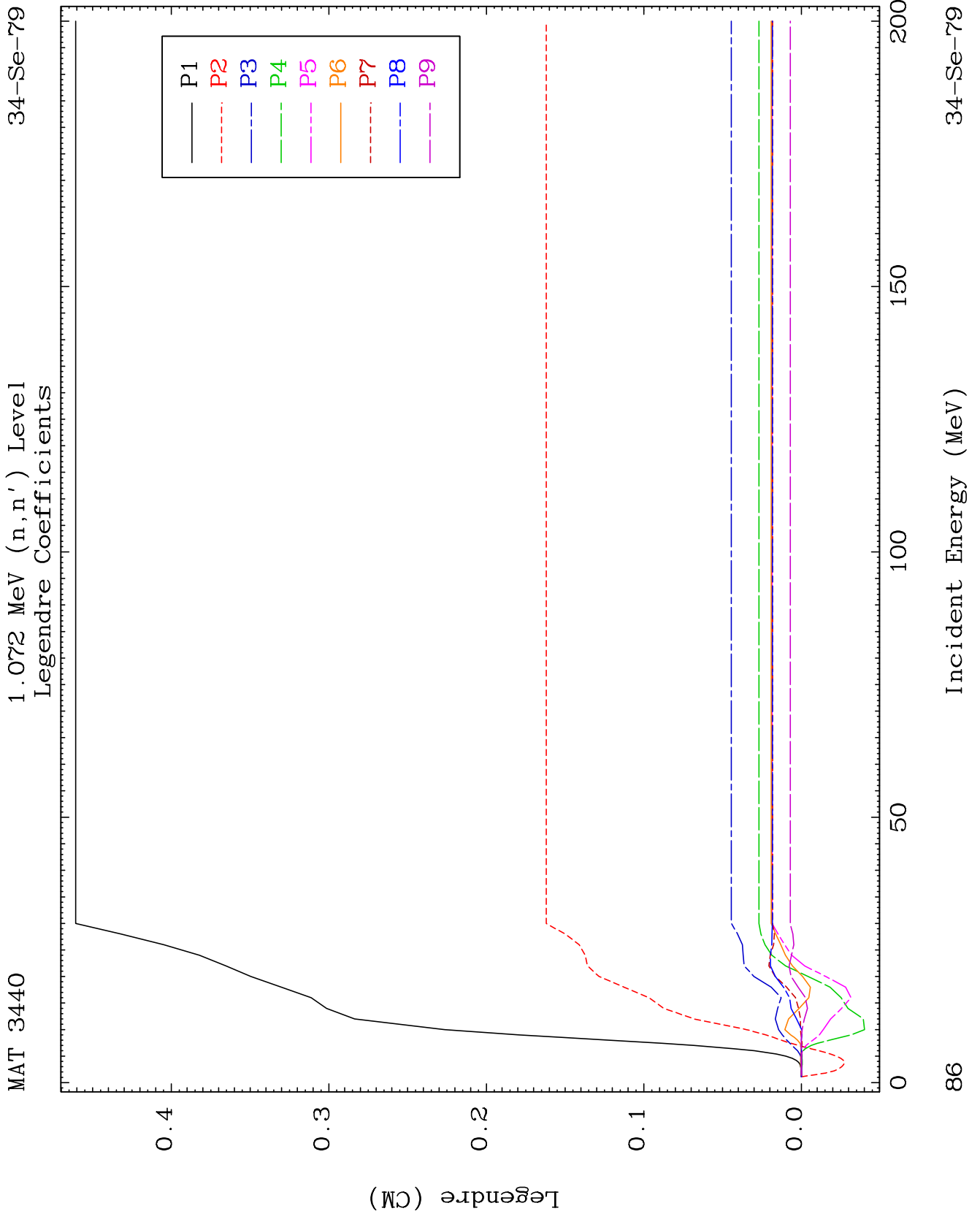








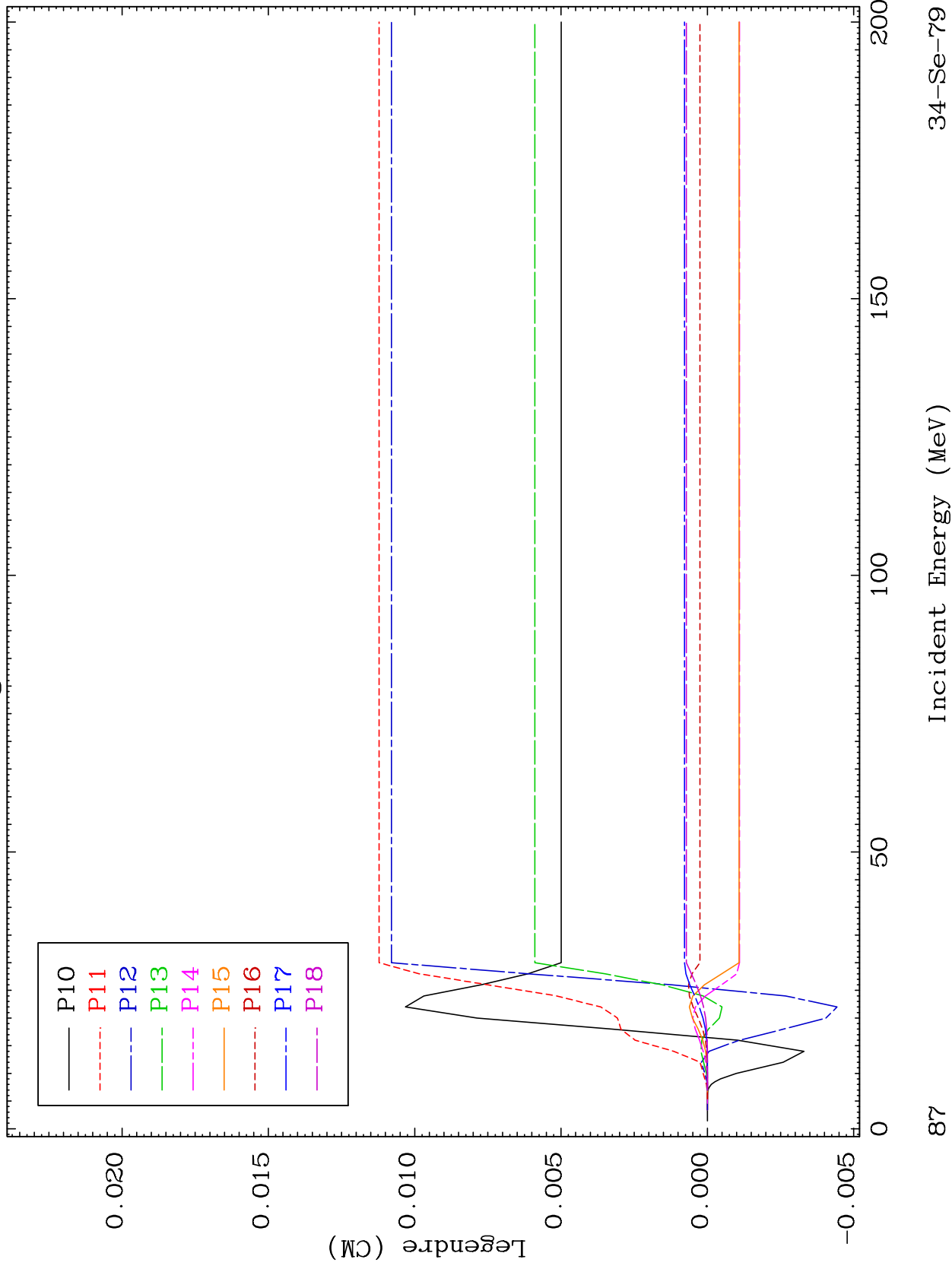




MAT 3440

1.072 MeV (n,n') Level
Legendre Coefficients

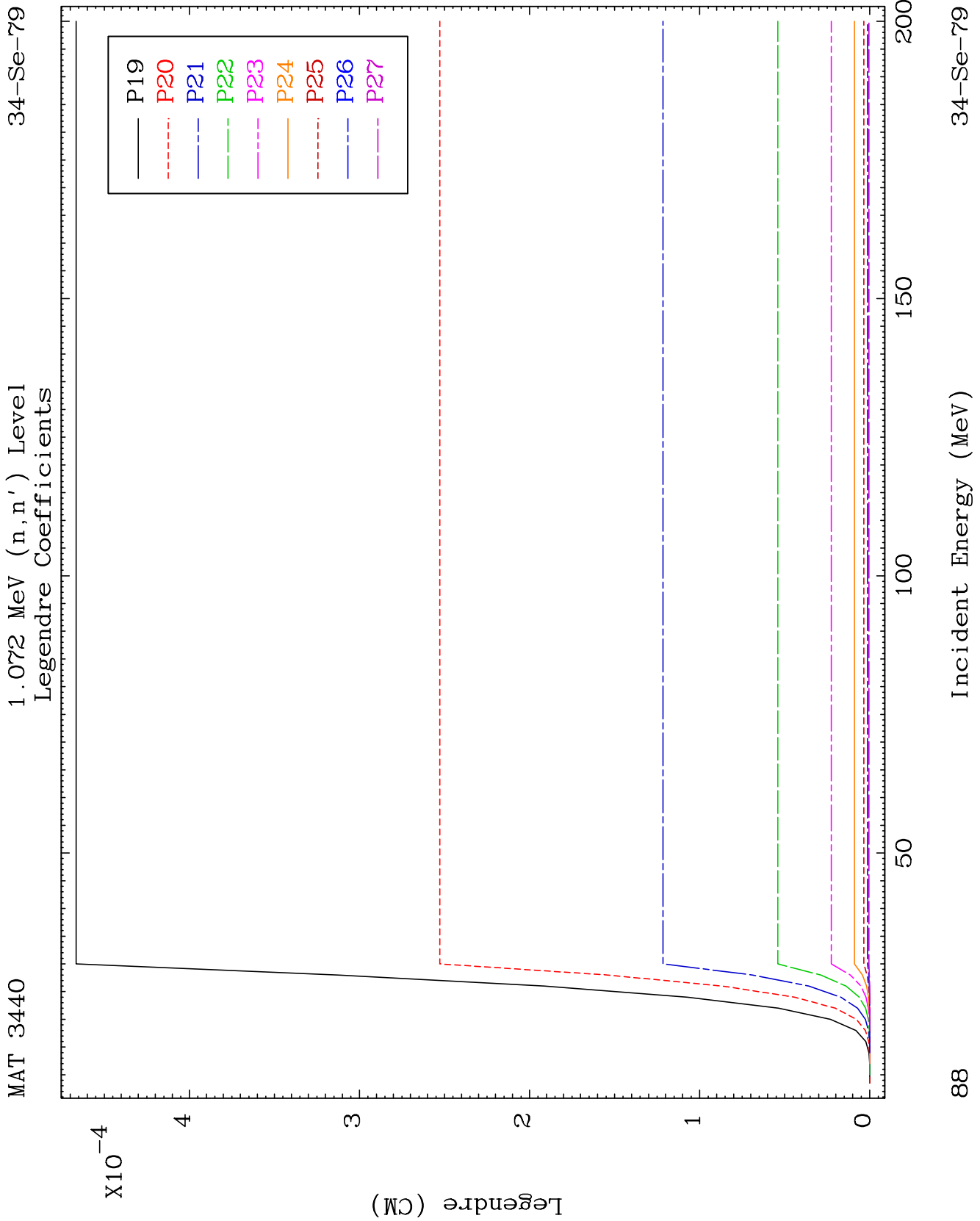
34-Se-79

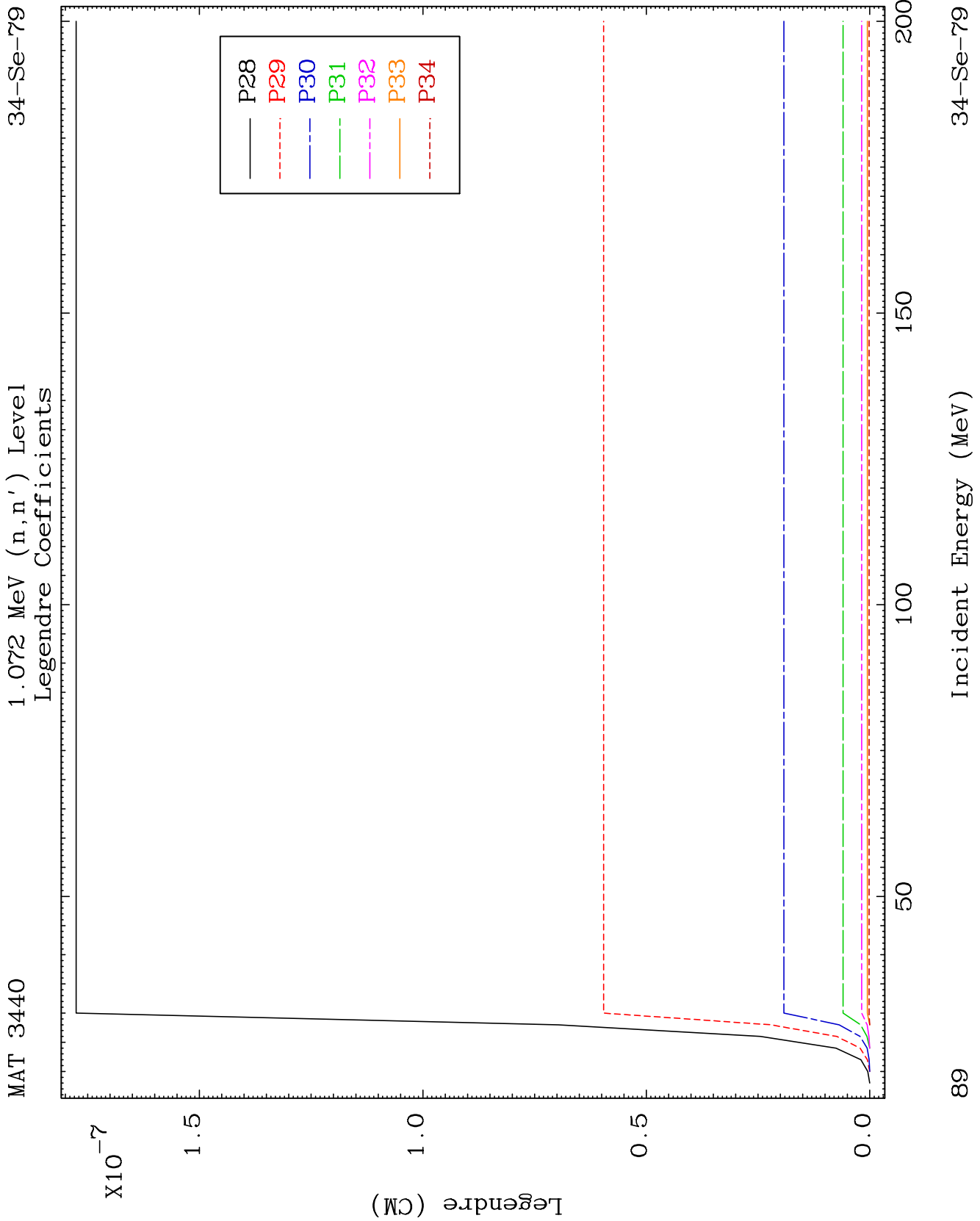


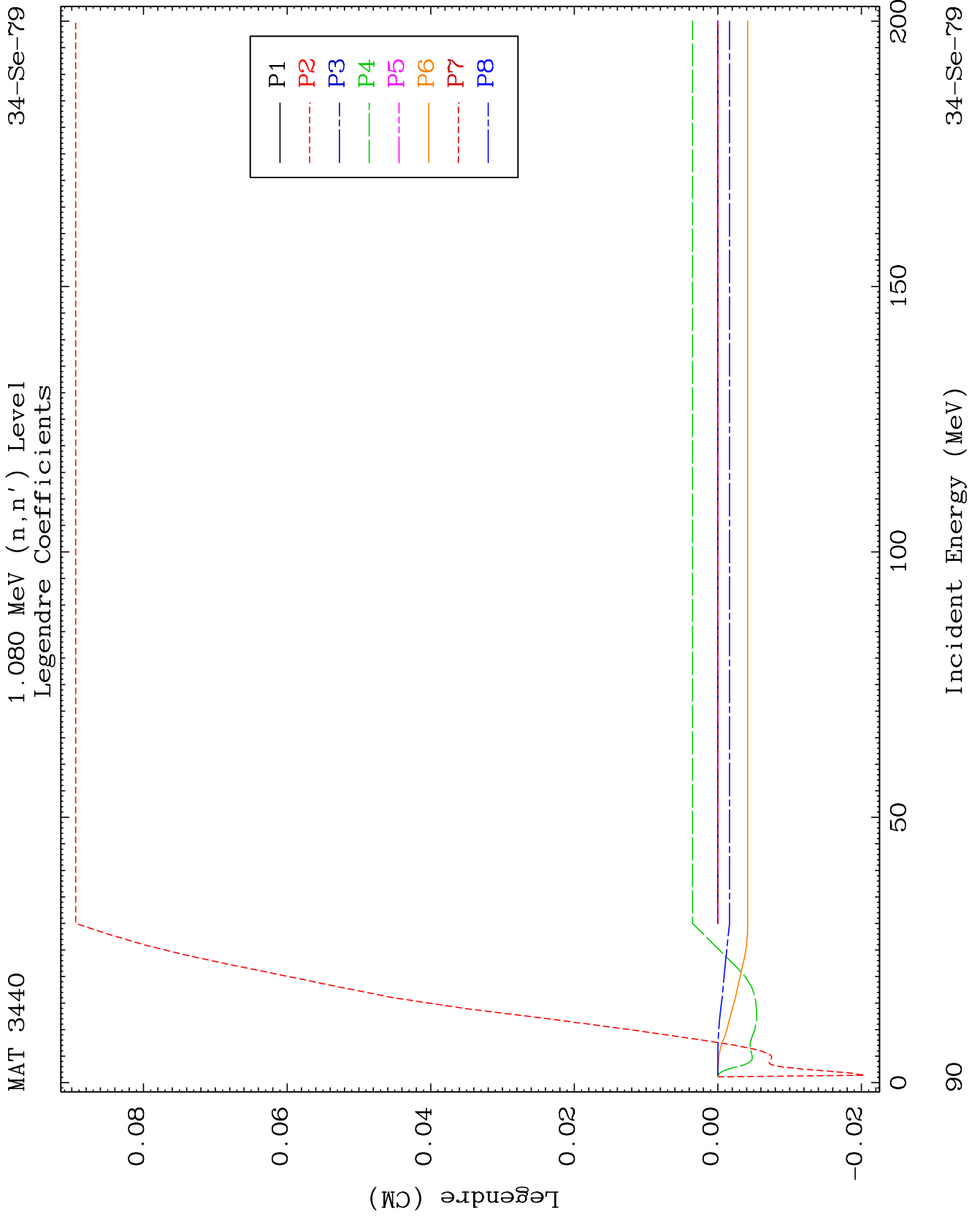
87

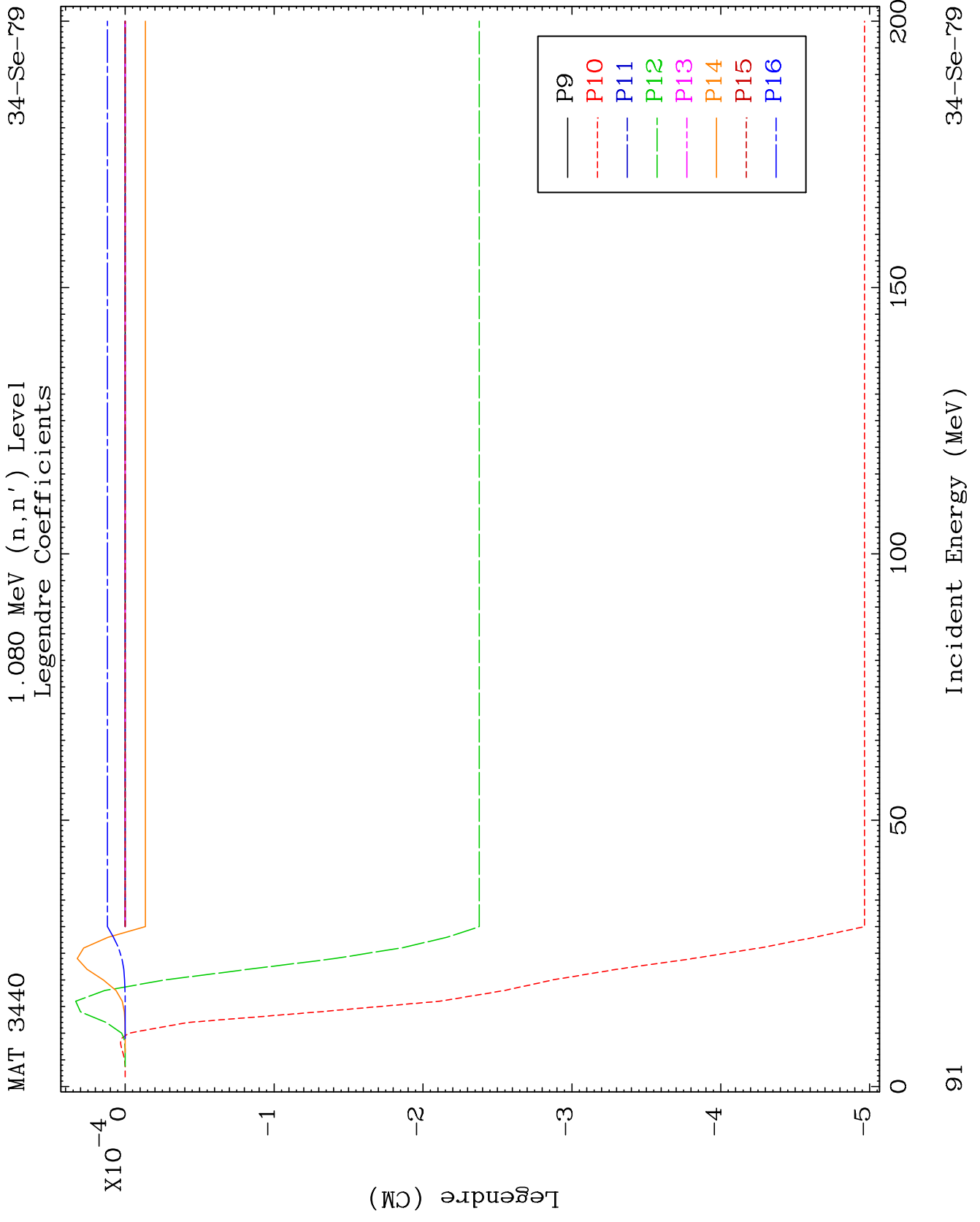
Incident Energy (MeV)

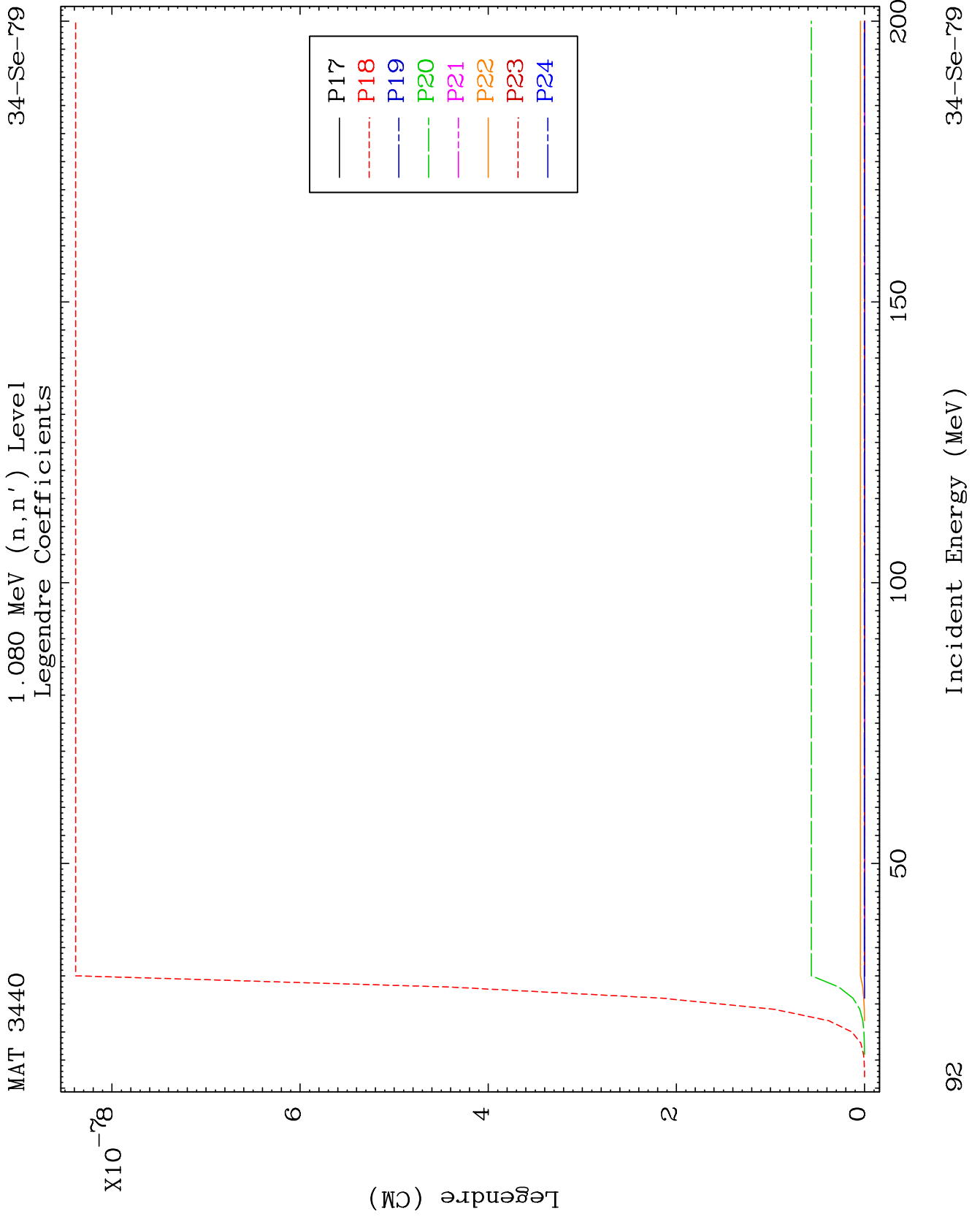
34-Se-79

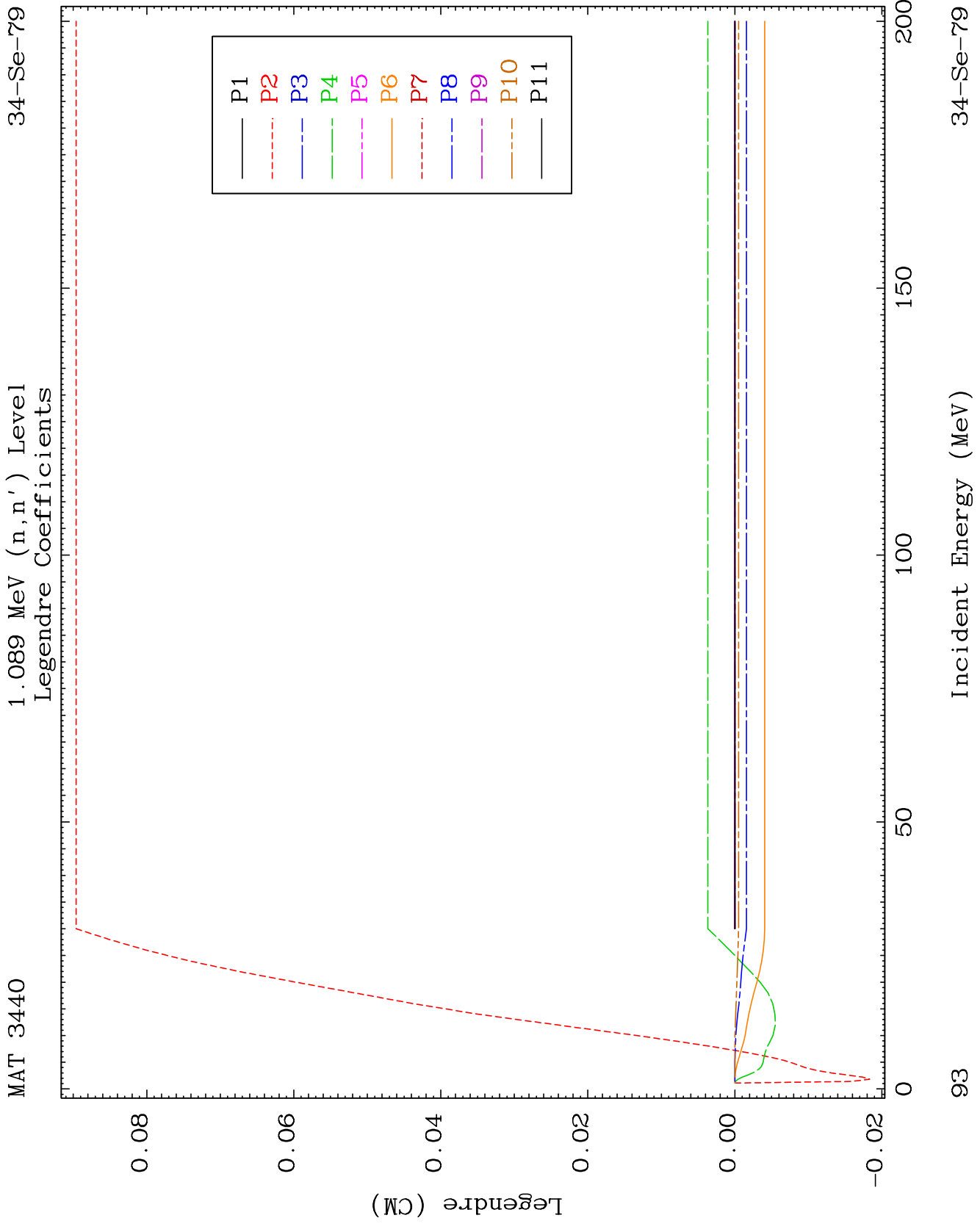


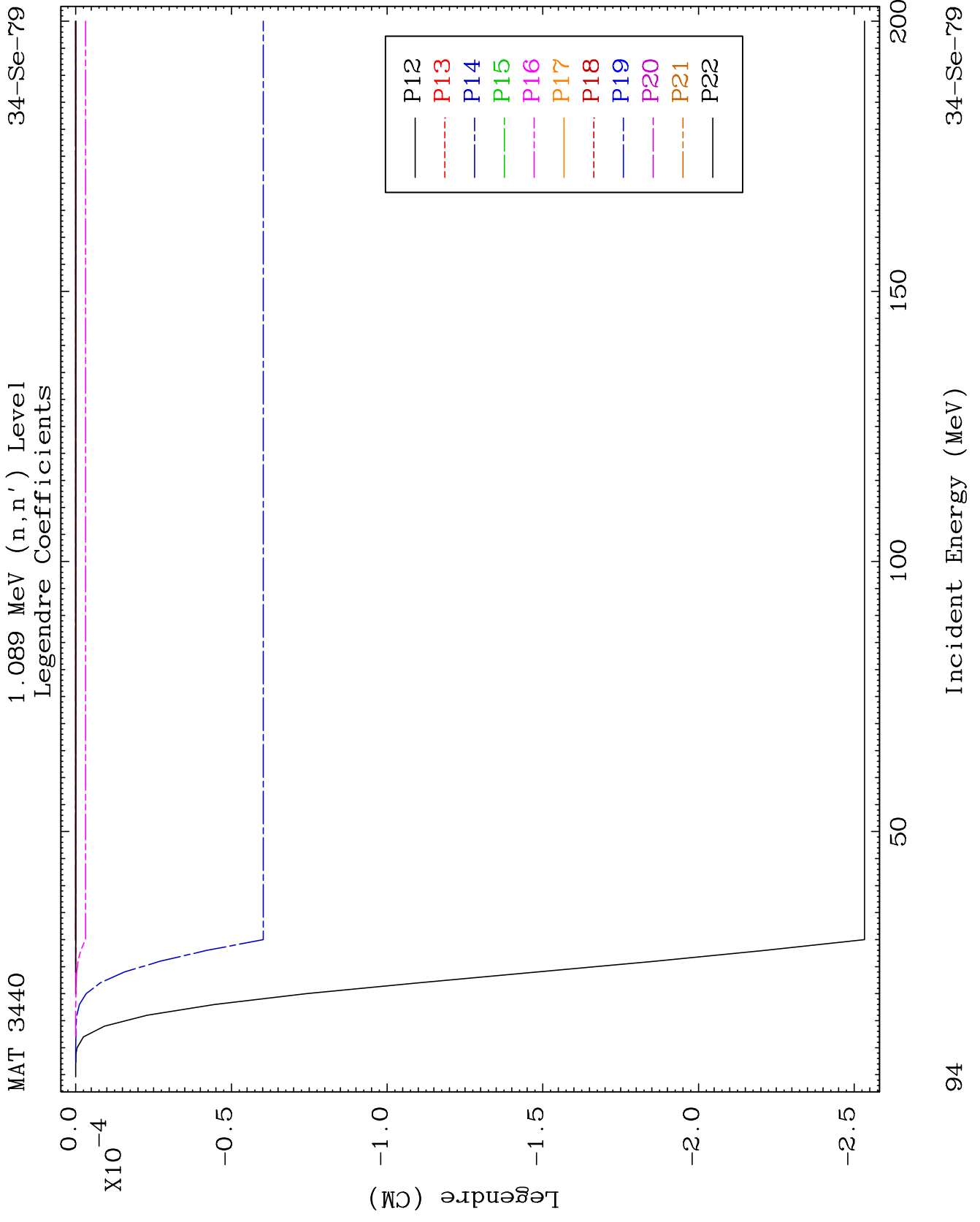


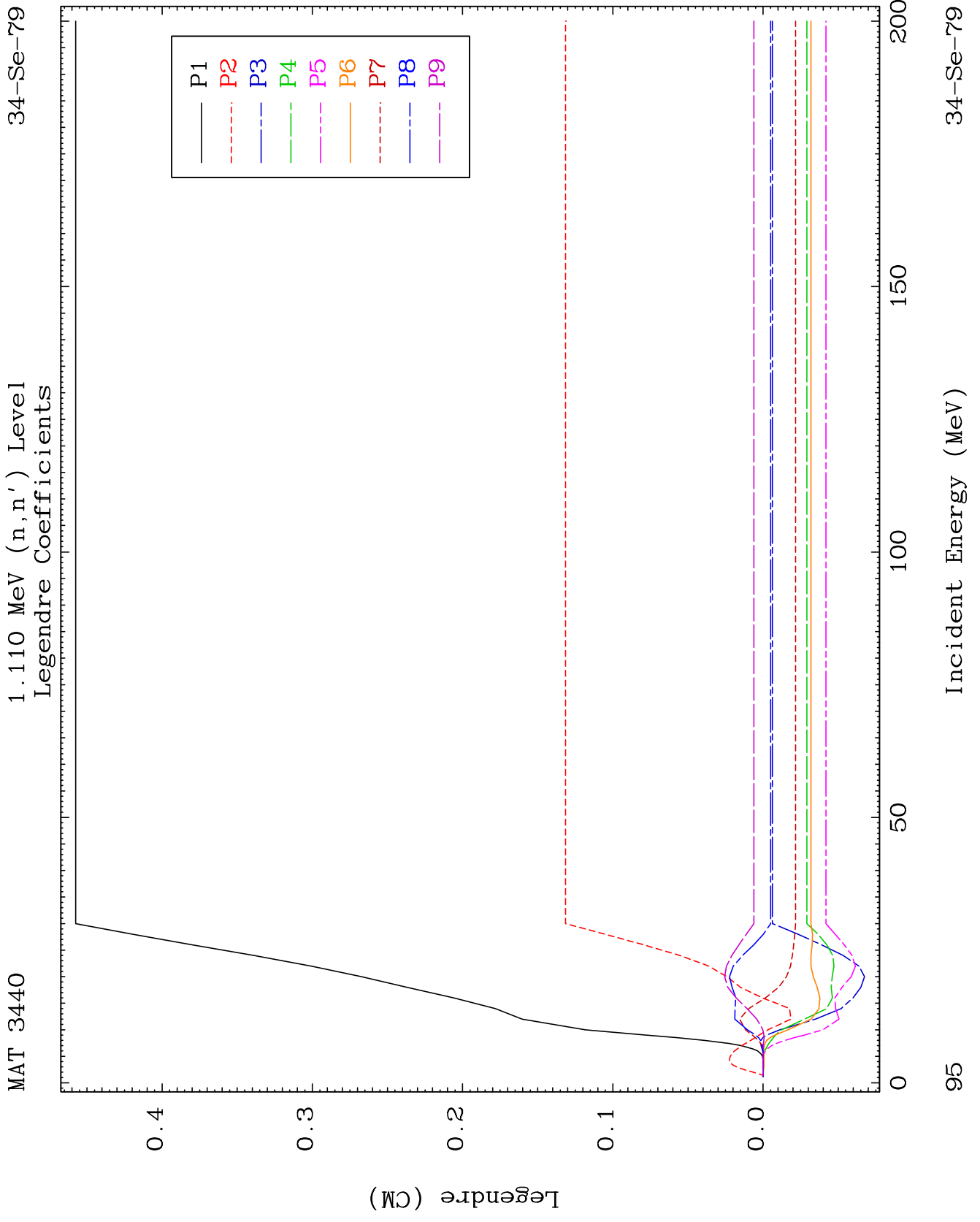


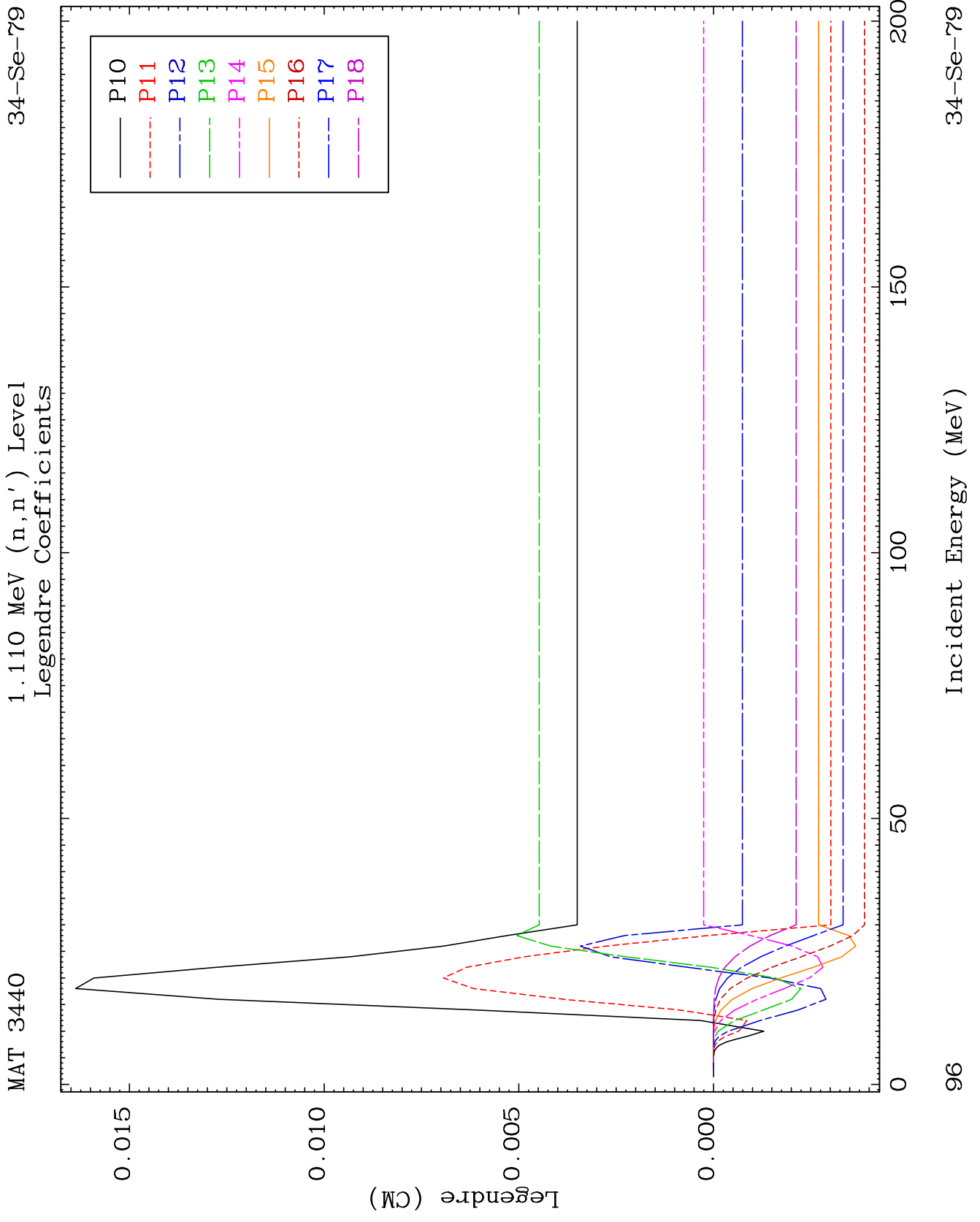


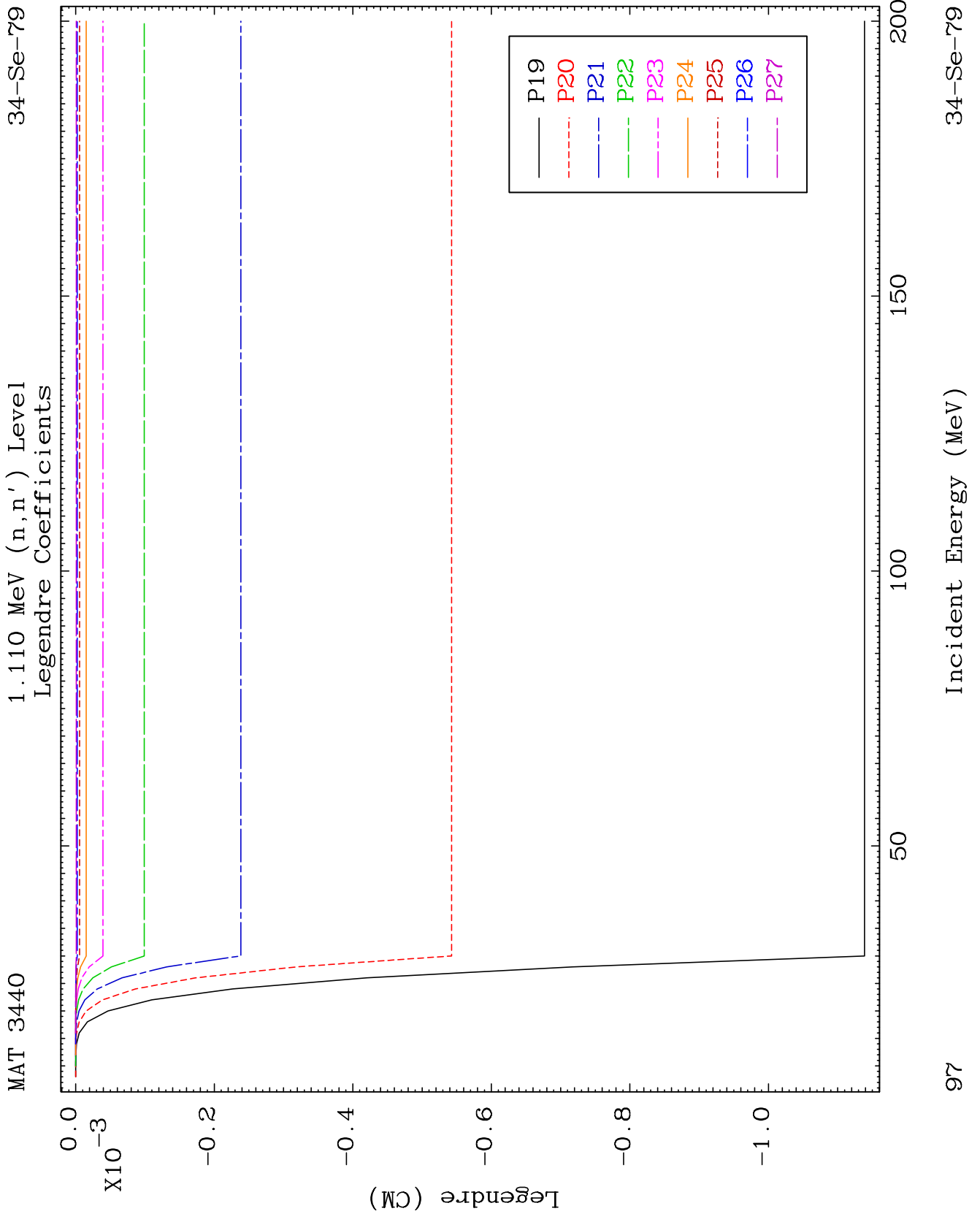


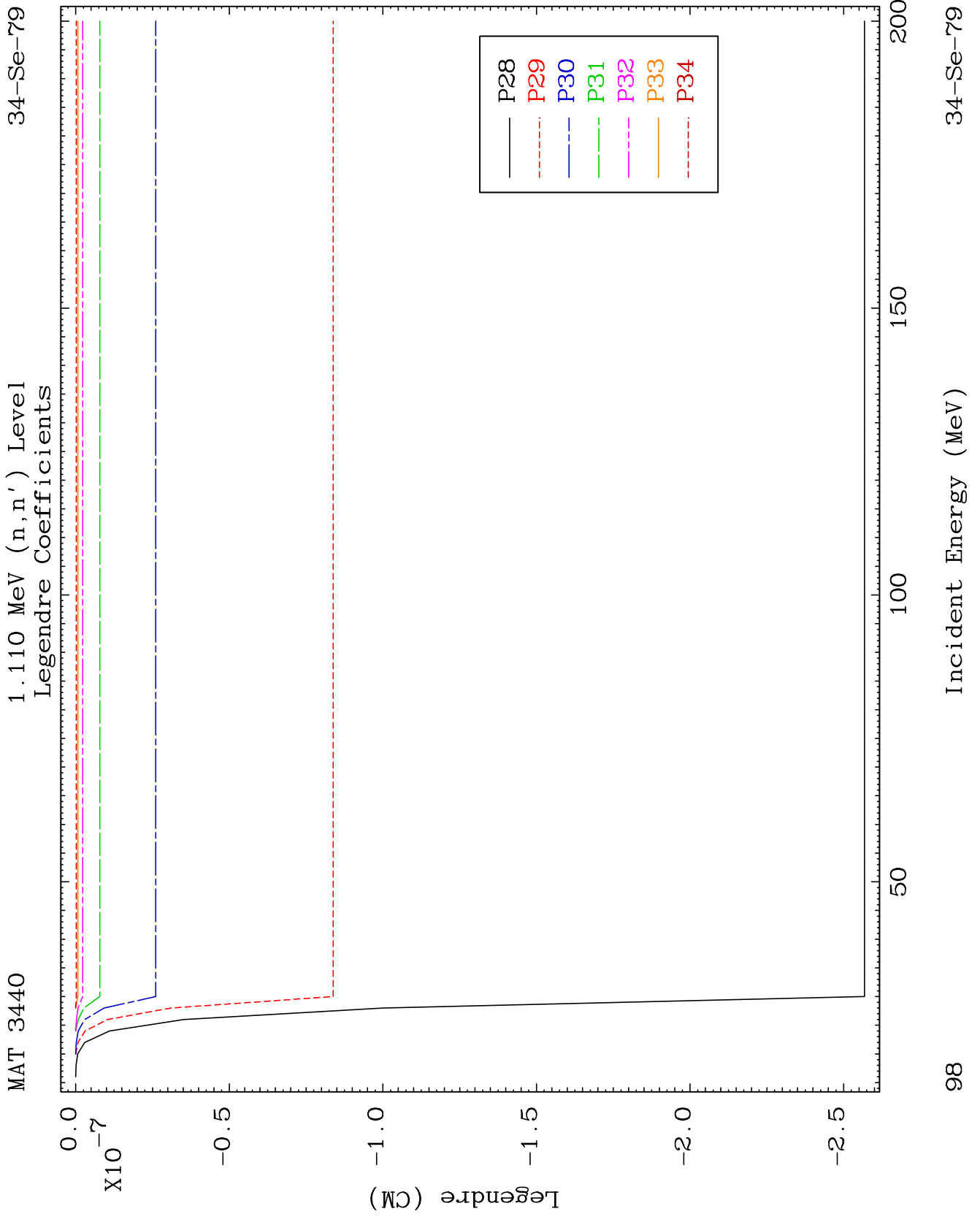


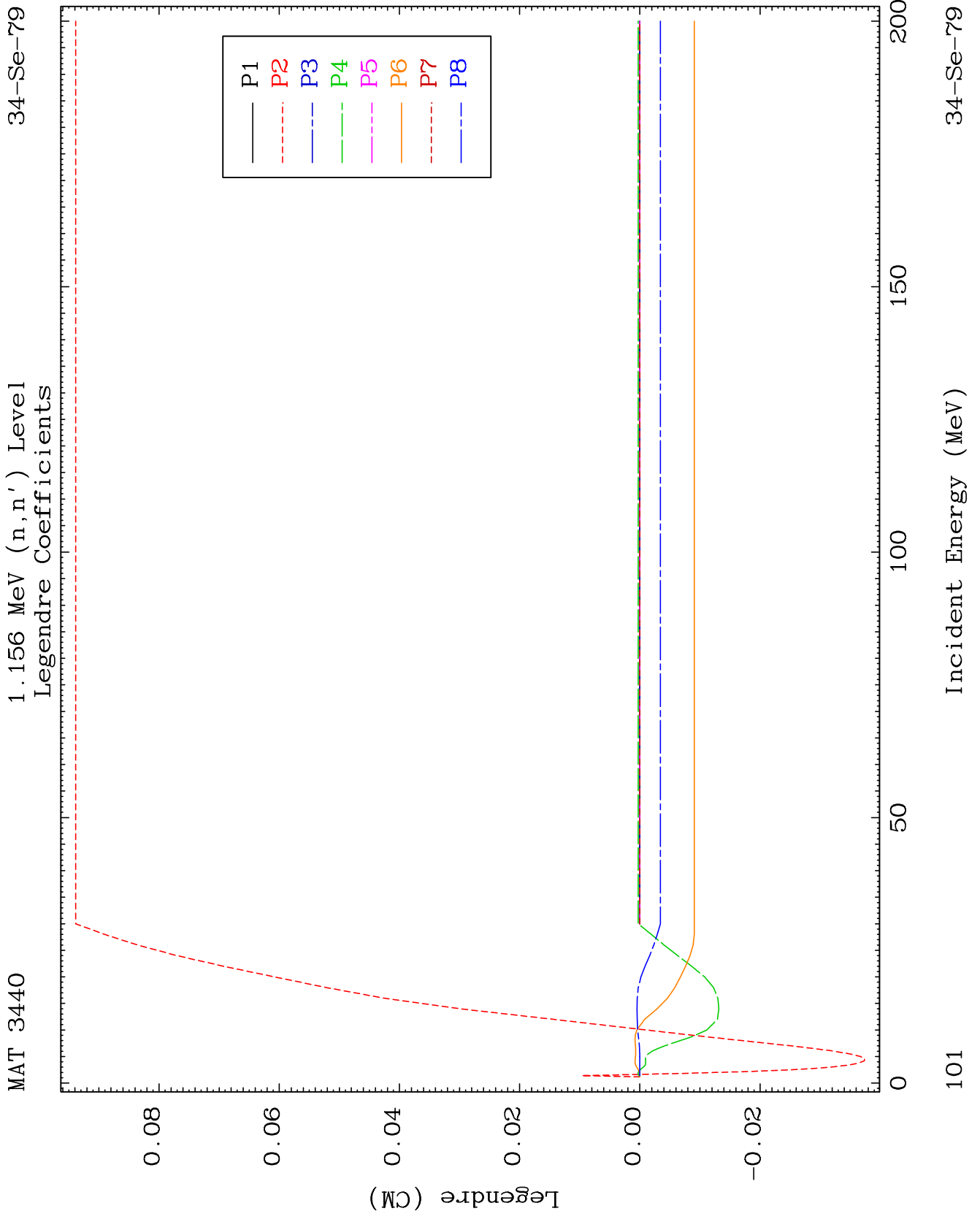


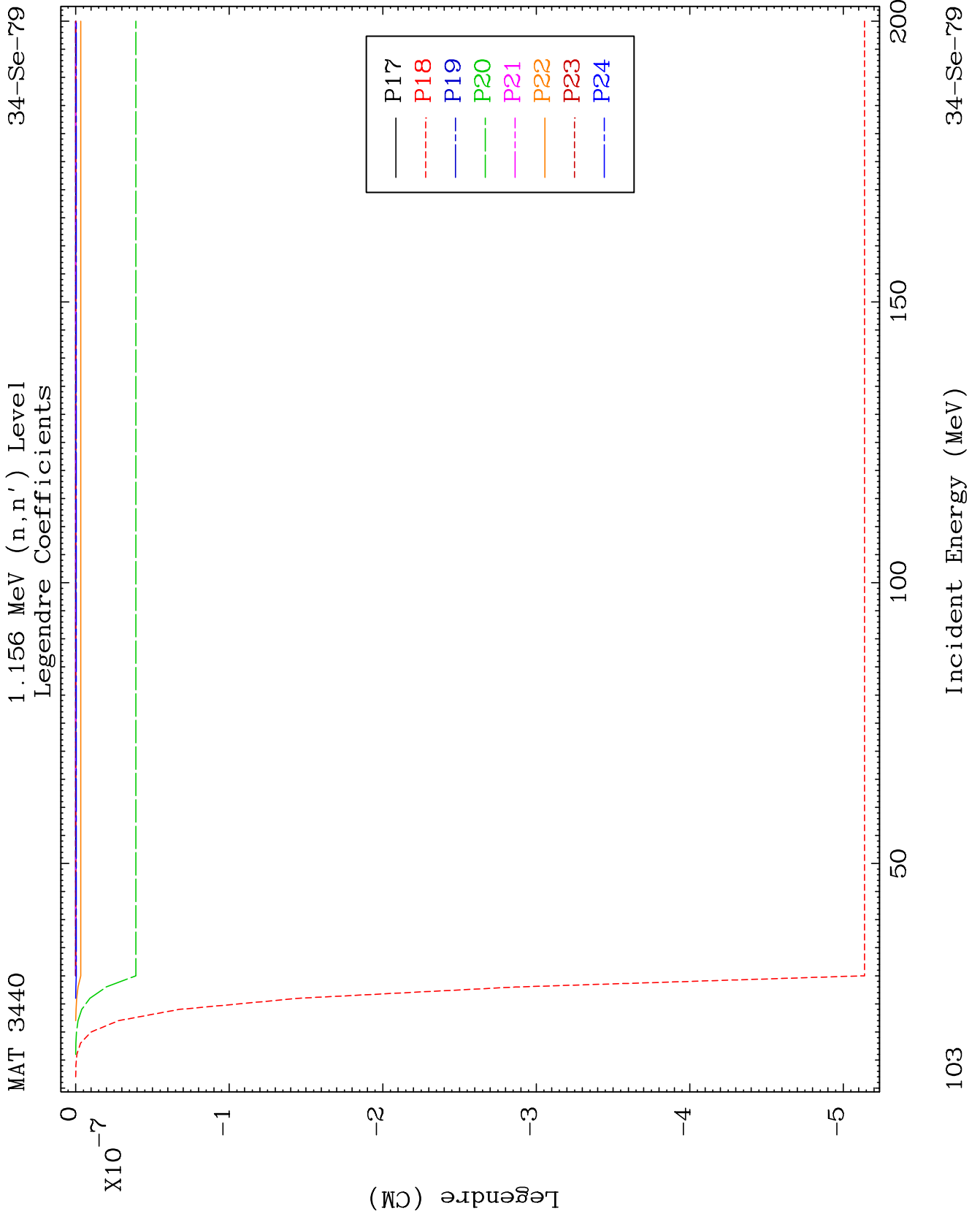








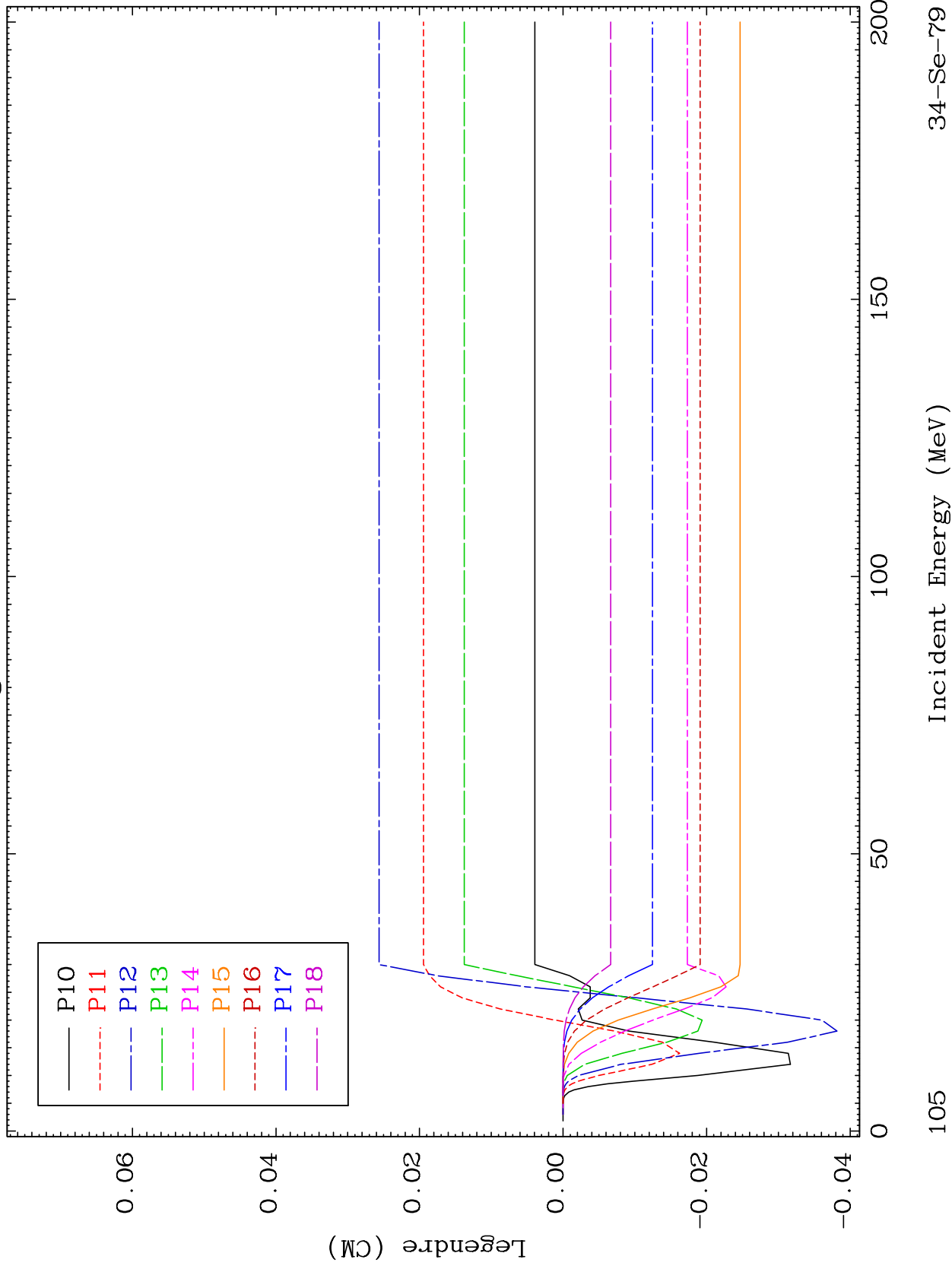




MAT 3440

1.231 MeV (n,n') Level
Legendre Coefficients

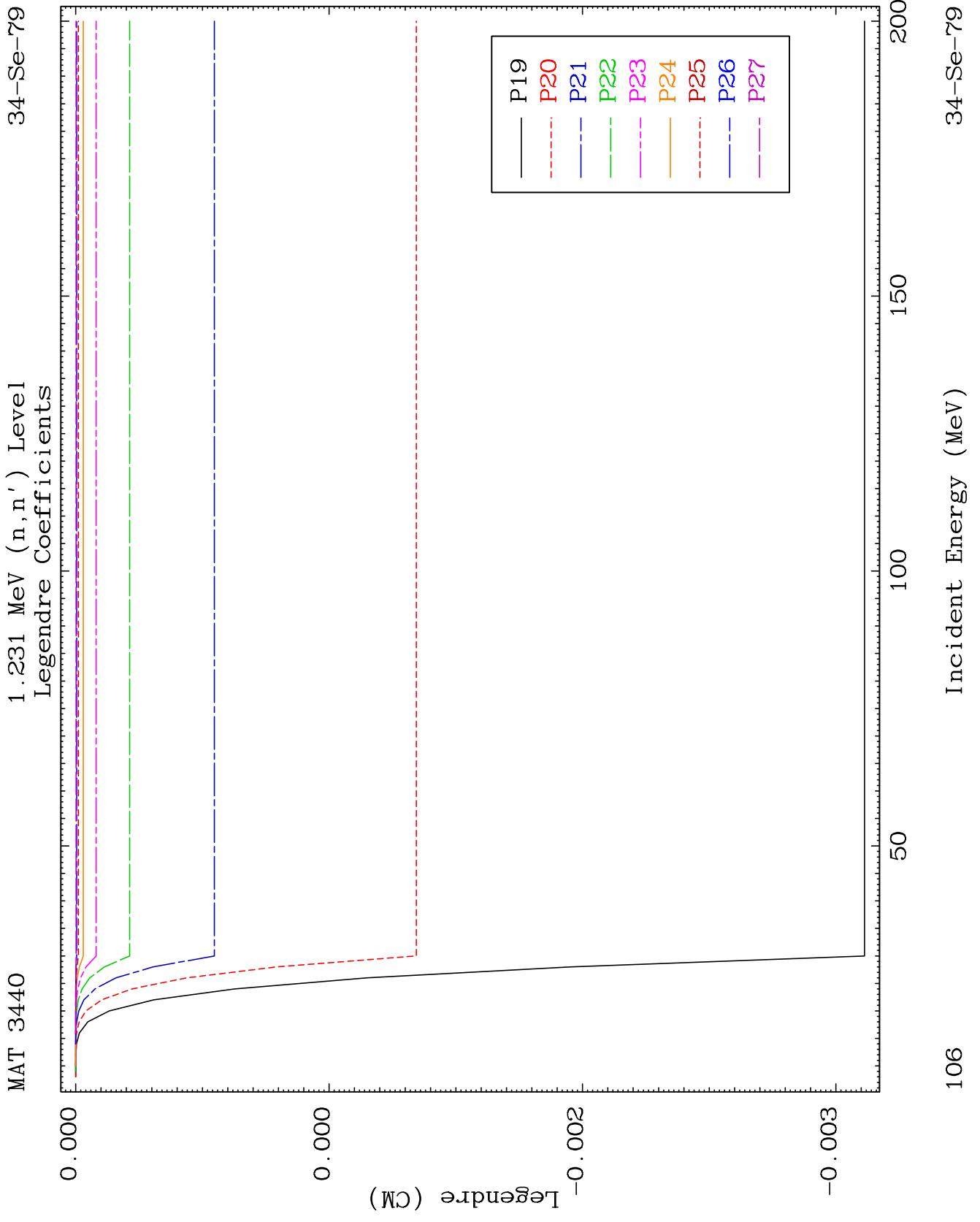
³⁴Se-79

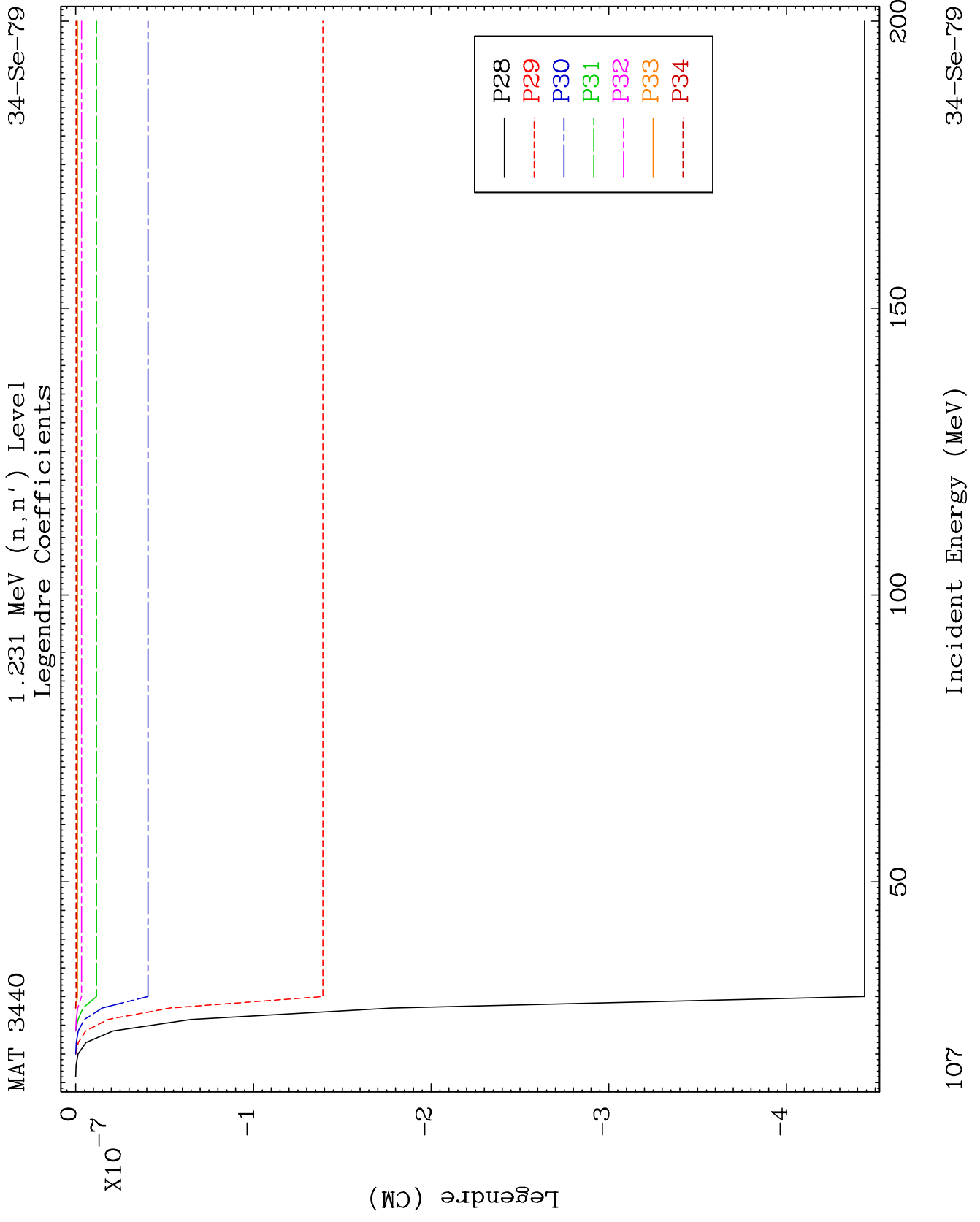


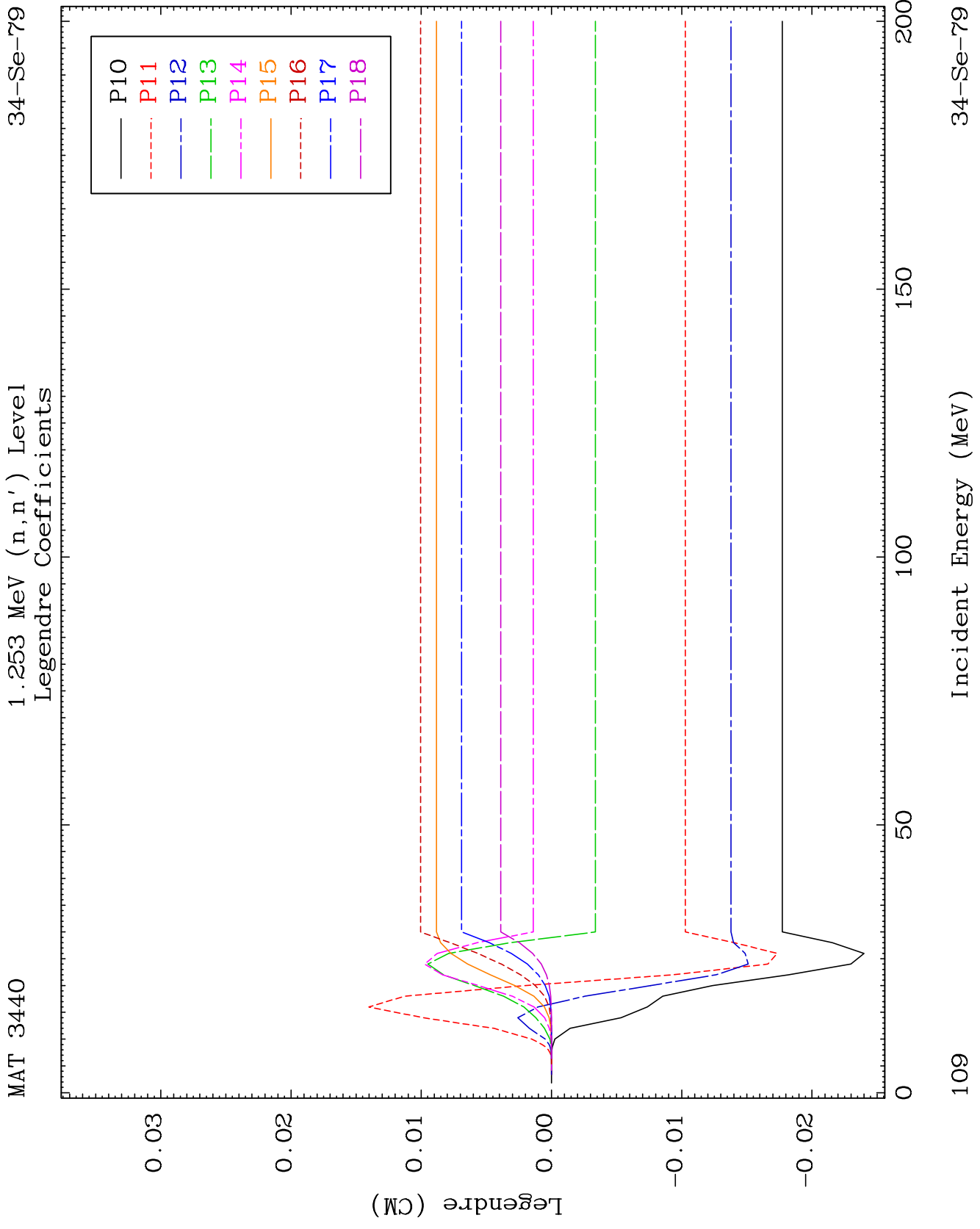
³⁴Se-79

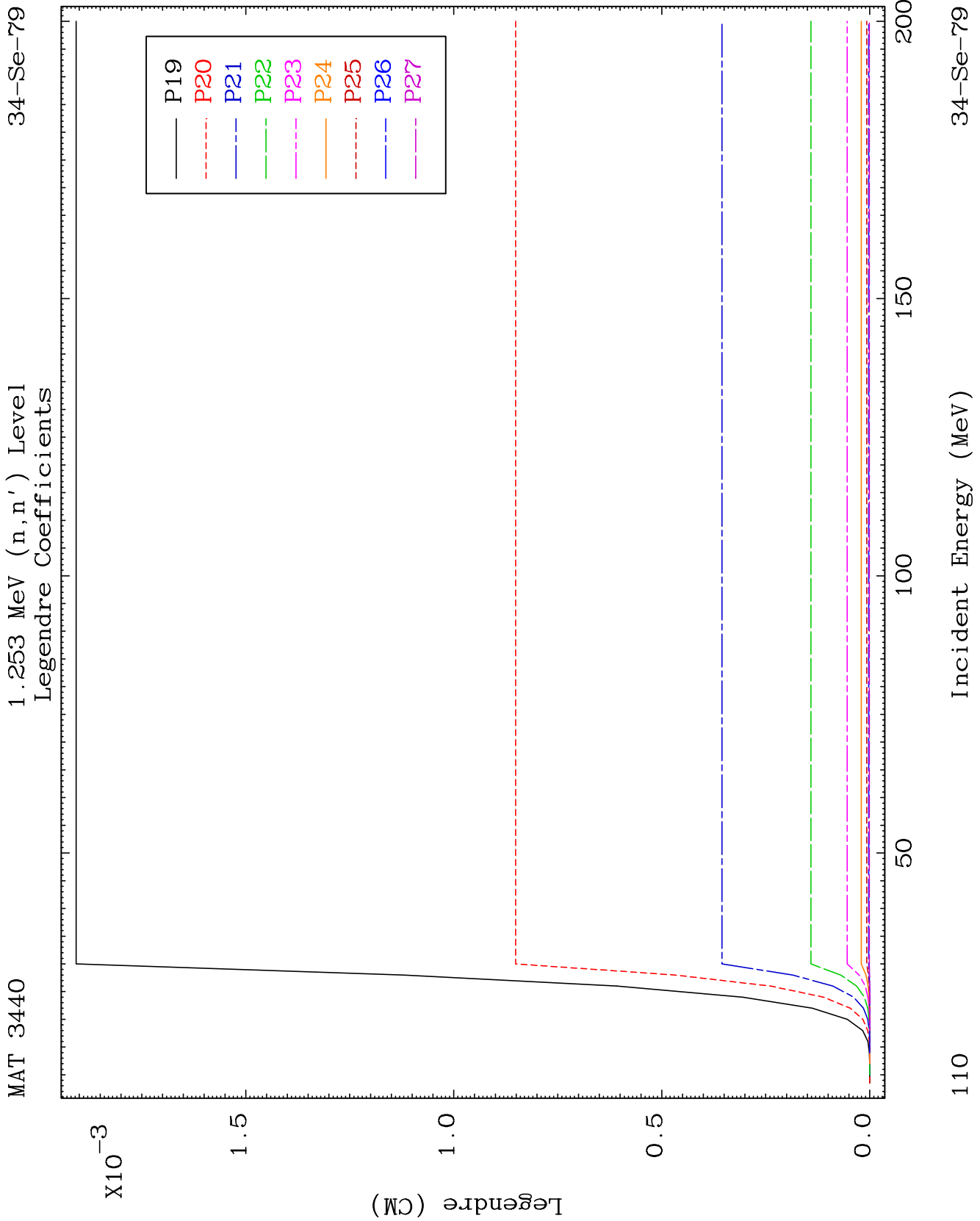
Incident Energy (MeV)

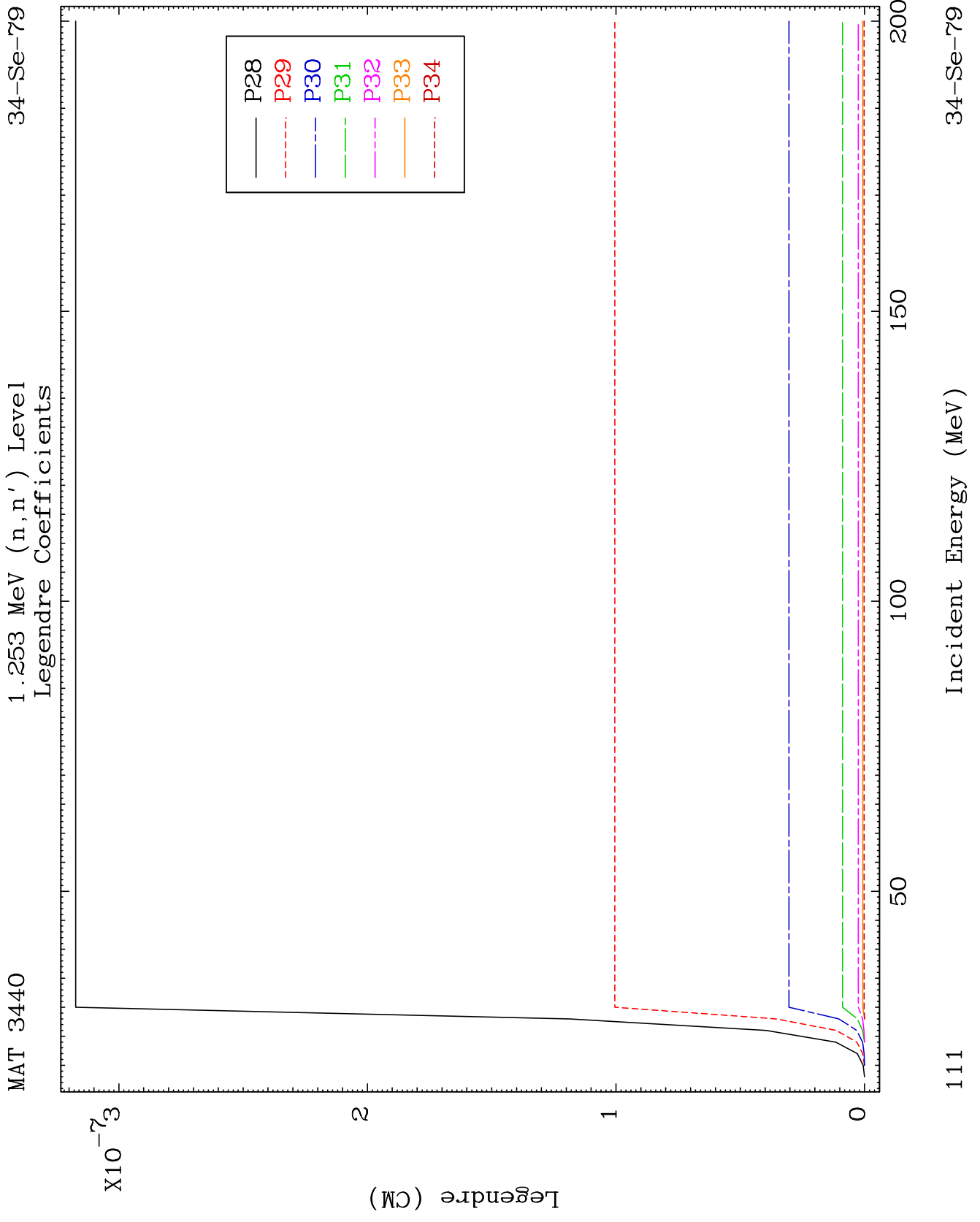
105







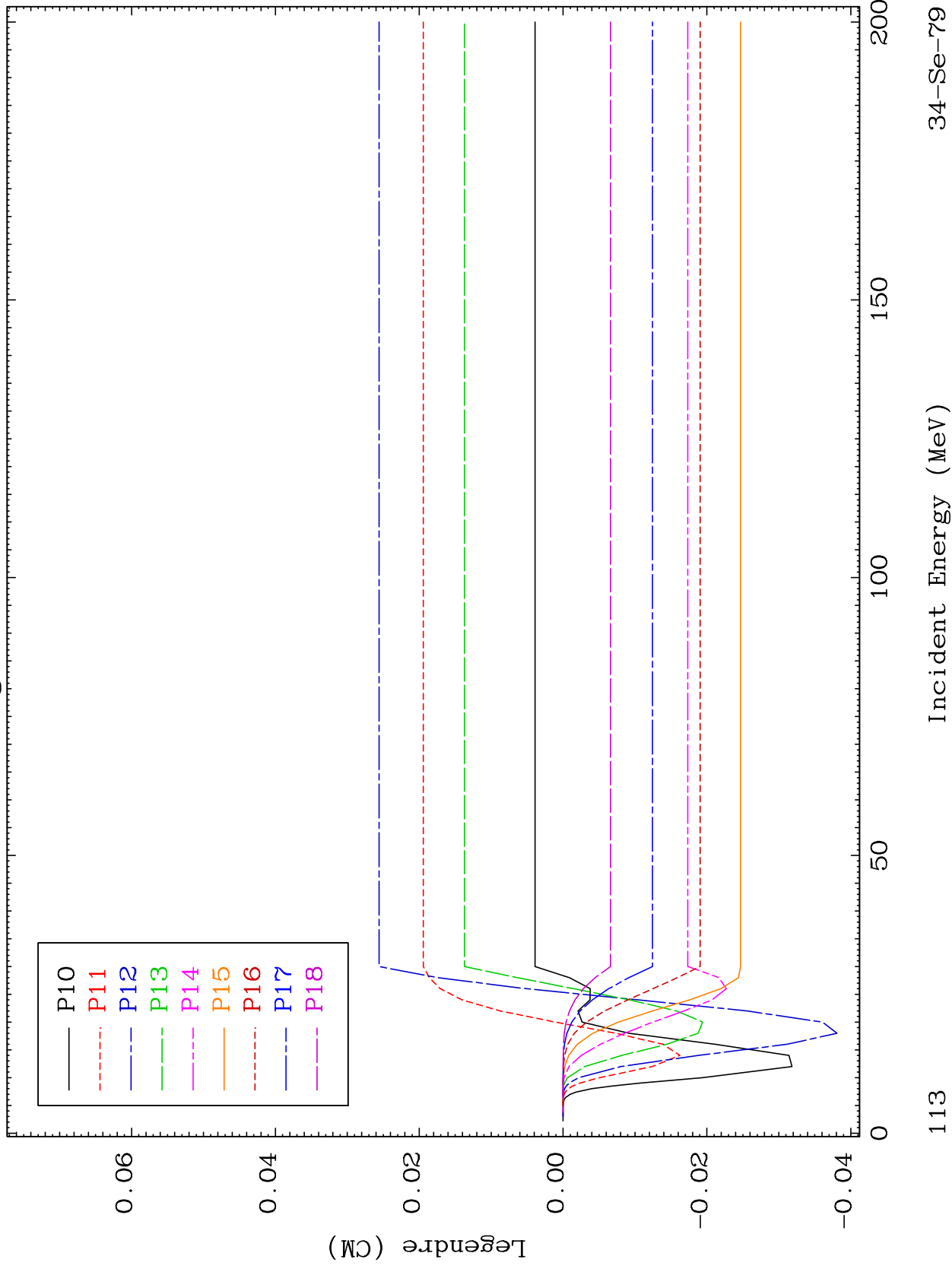




MAT 3440

1.257 MeV (n,n') Level
Legendre Coefficients

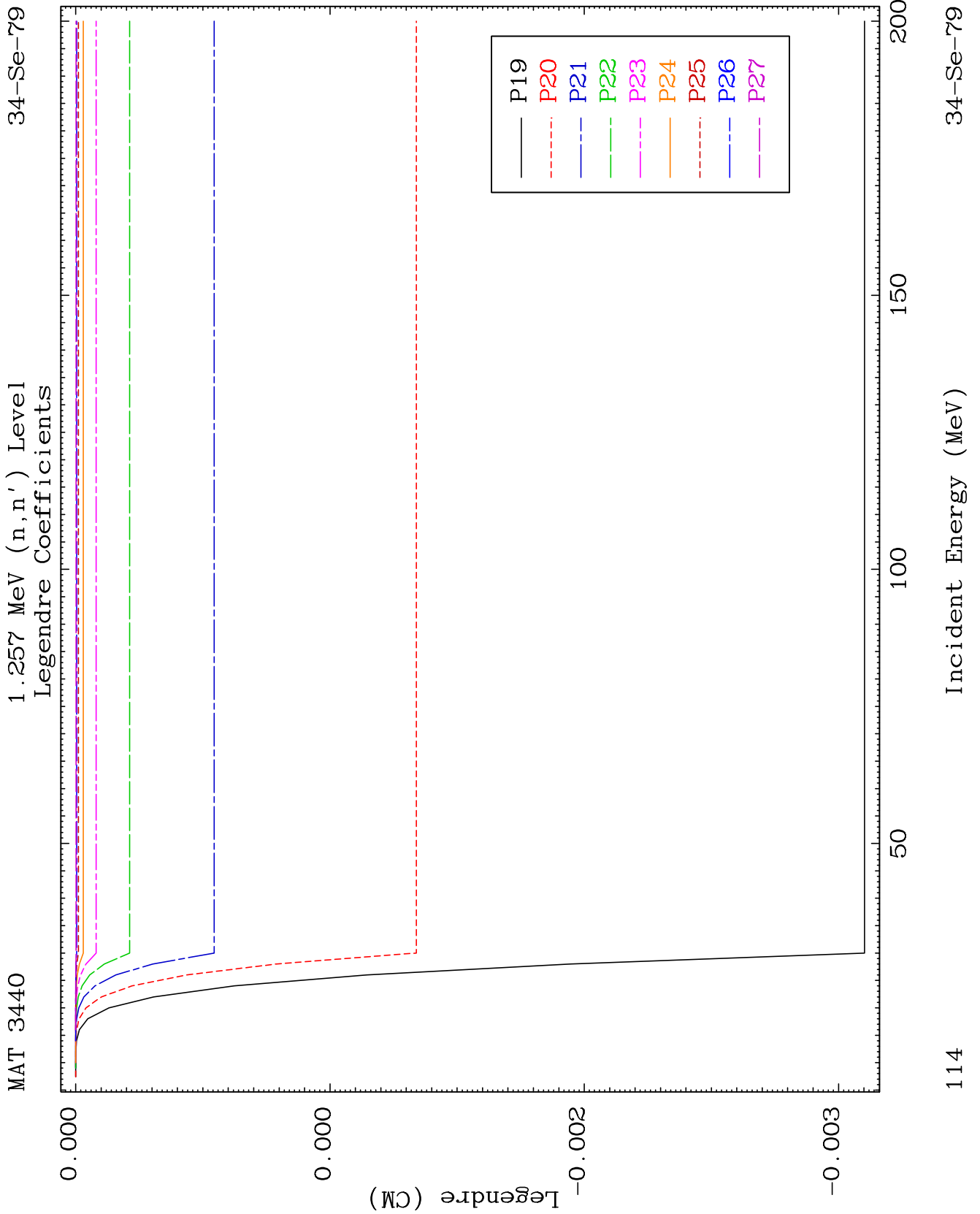
³⁴Se-79

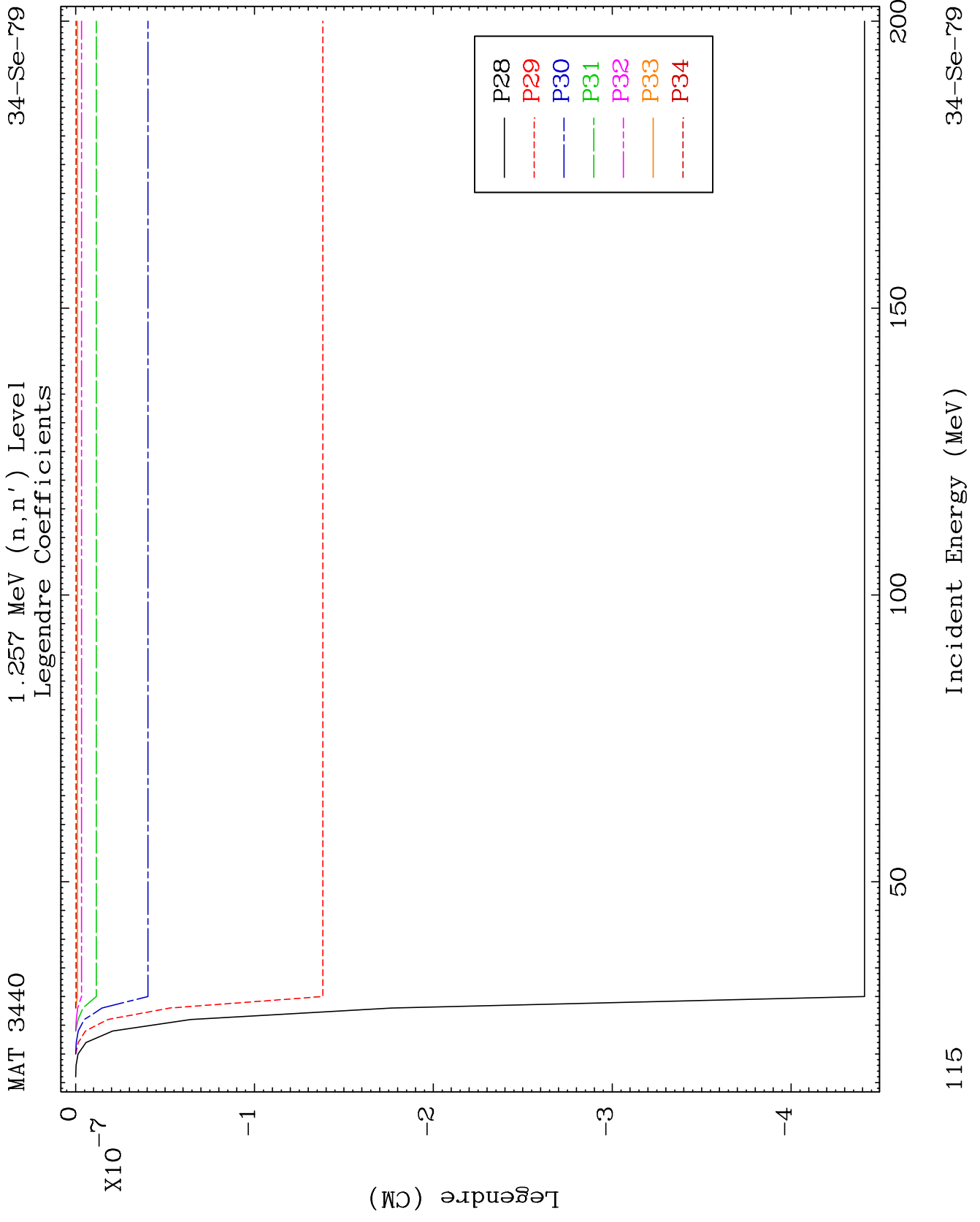


113

Incident Energy (MeV)

³⁴Se-79

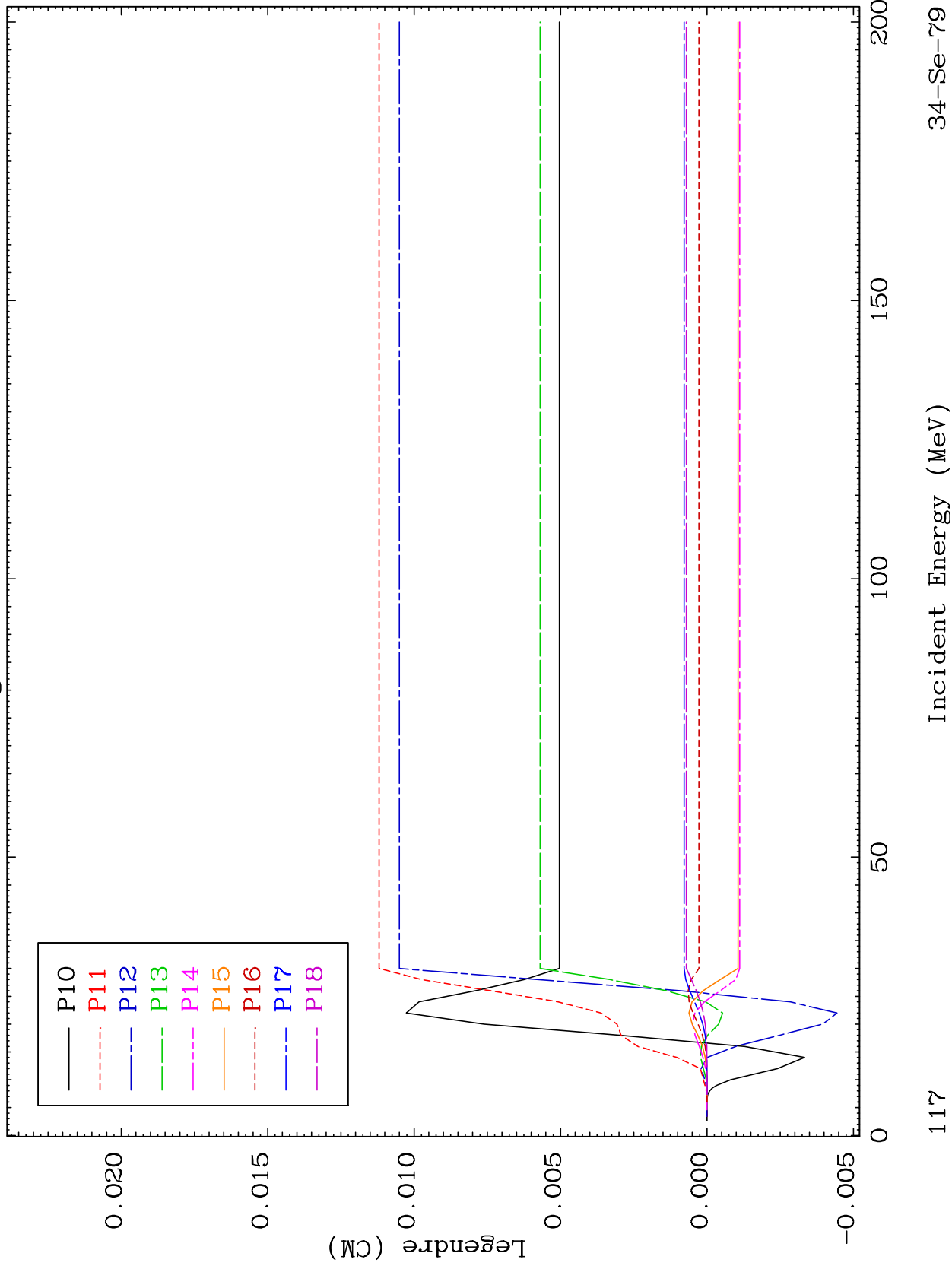




MAT 3440

1.312 MeV (n,n') Level
Legendre Coefficients

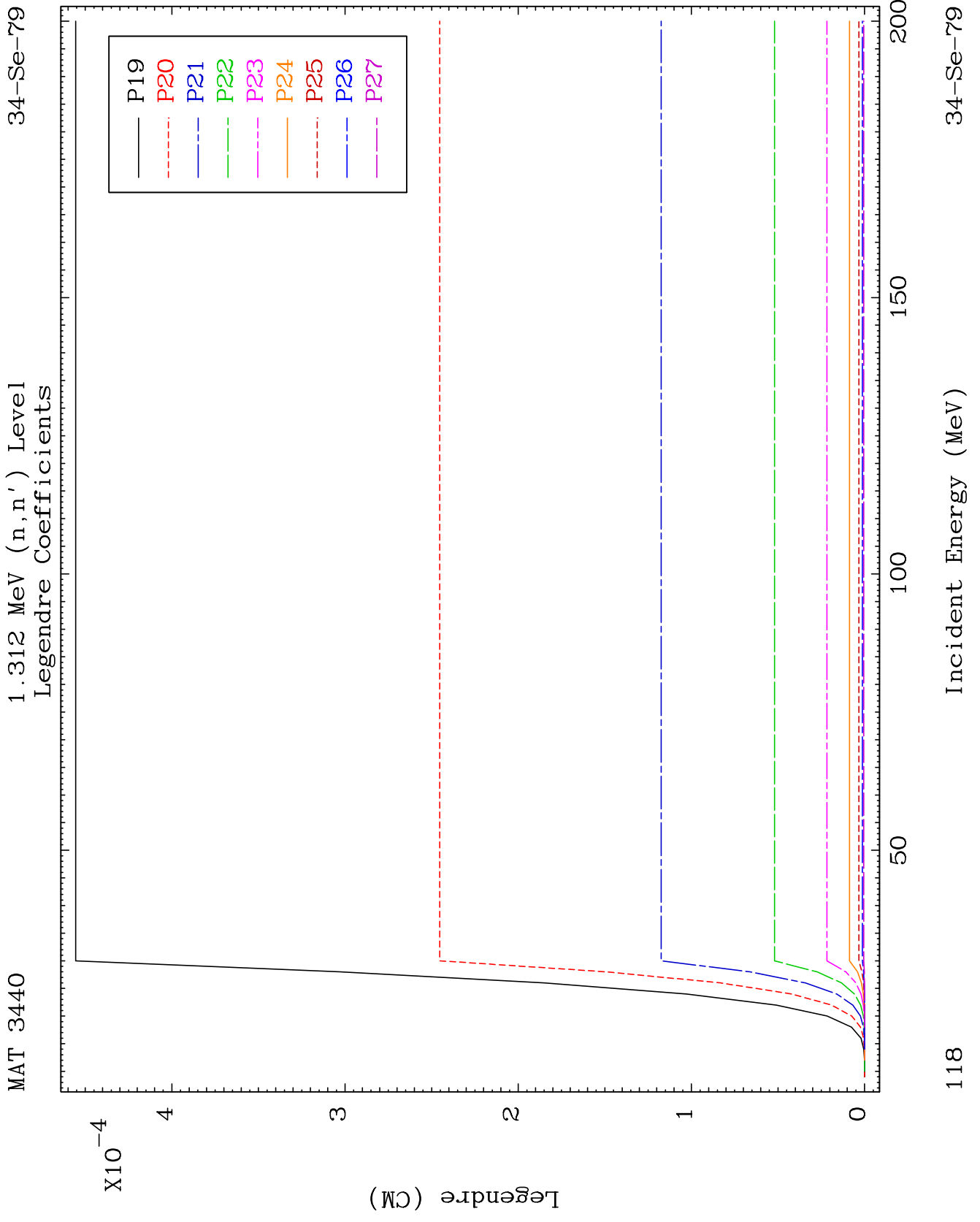
34-Se-79

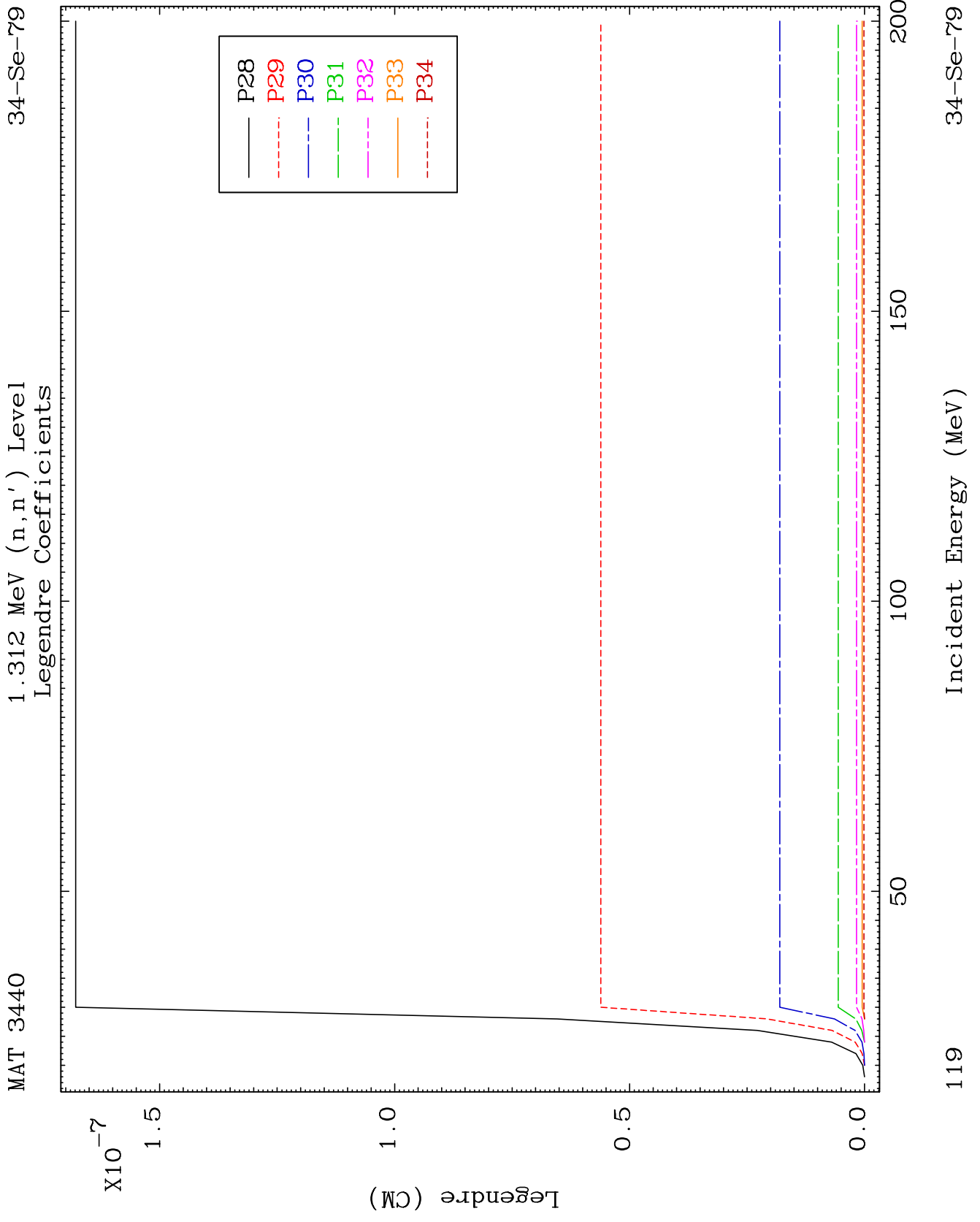


117

Incident Energy (MeV)

34-Se-79

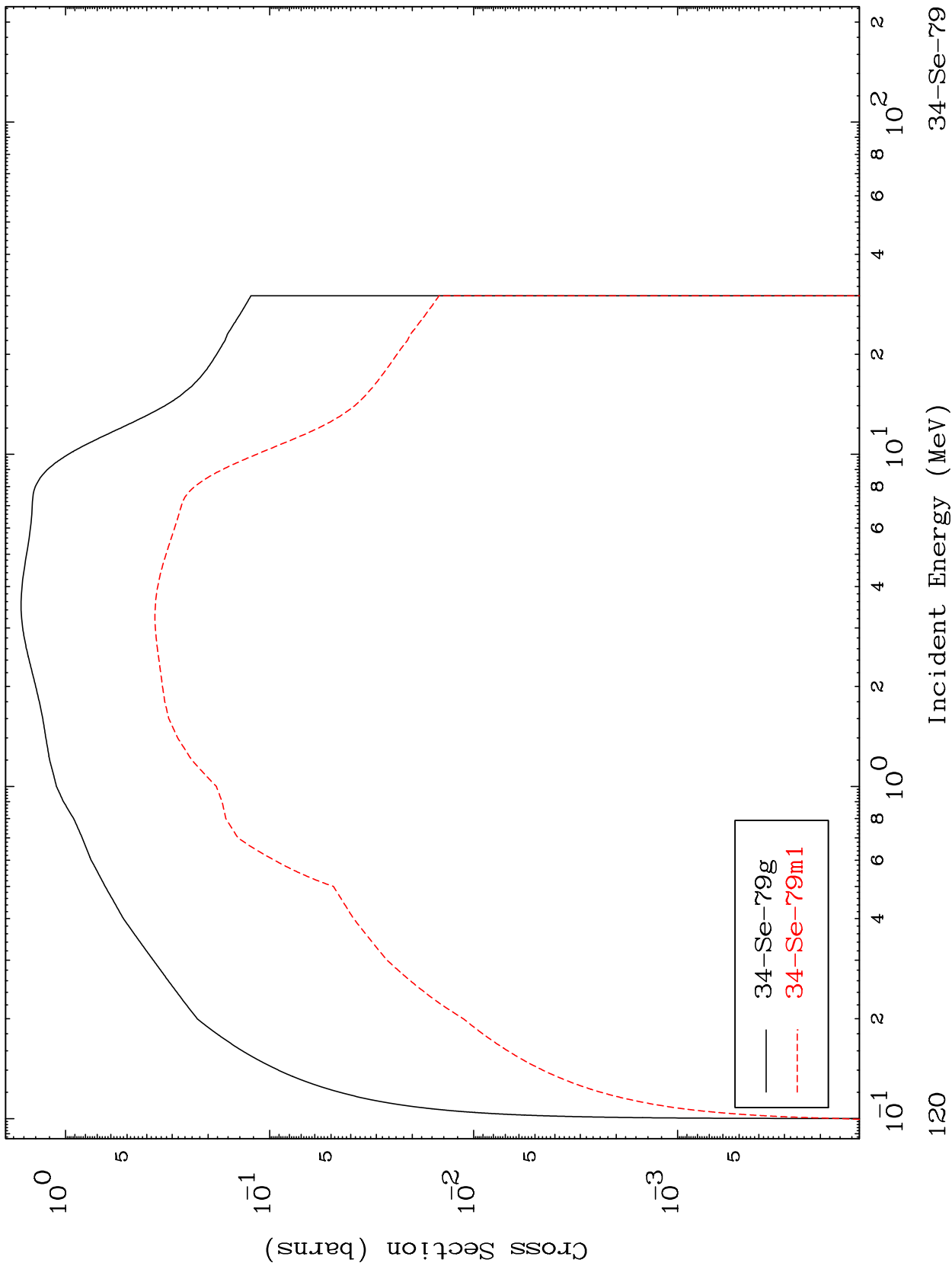




MAT 3440

³⁴Se-79

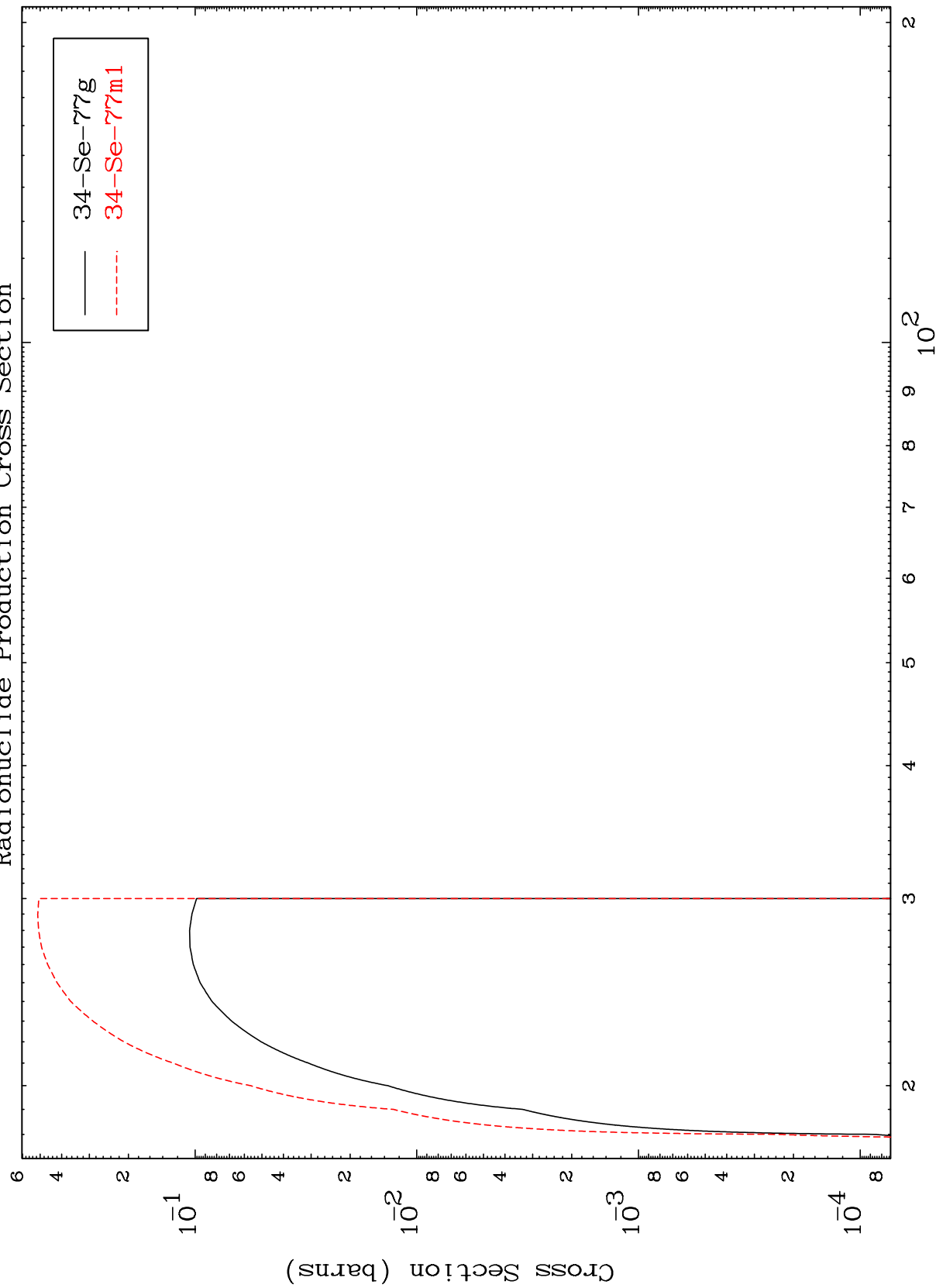
Inelastic
Radionuclide Production Cross Section



MAT 3440

³⁴Se-79

(n,3n)
Radionuclide Production Cross Section



121

³⁴Se-79

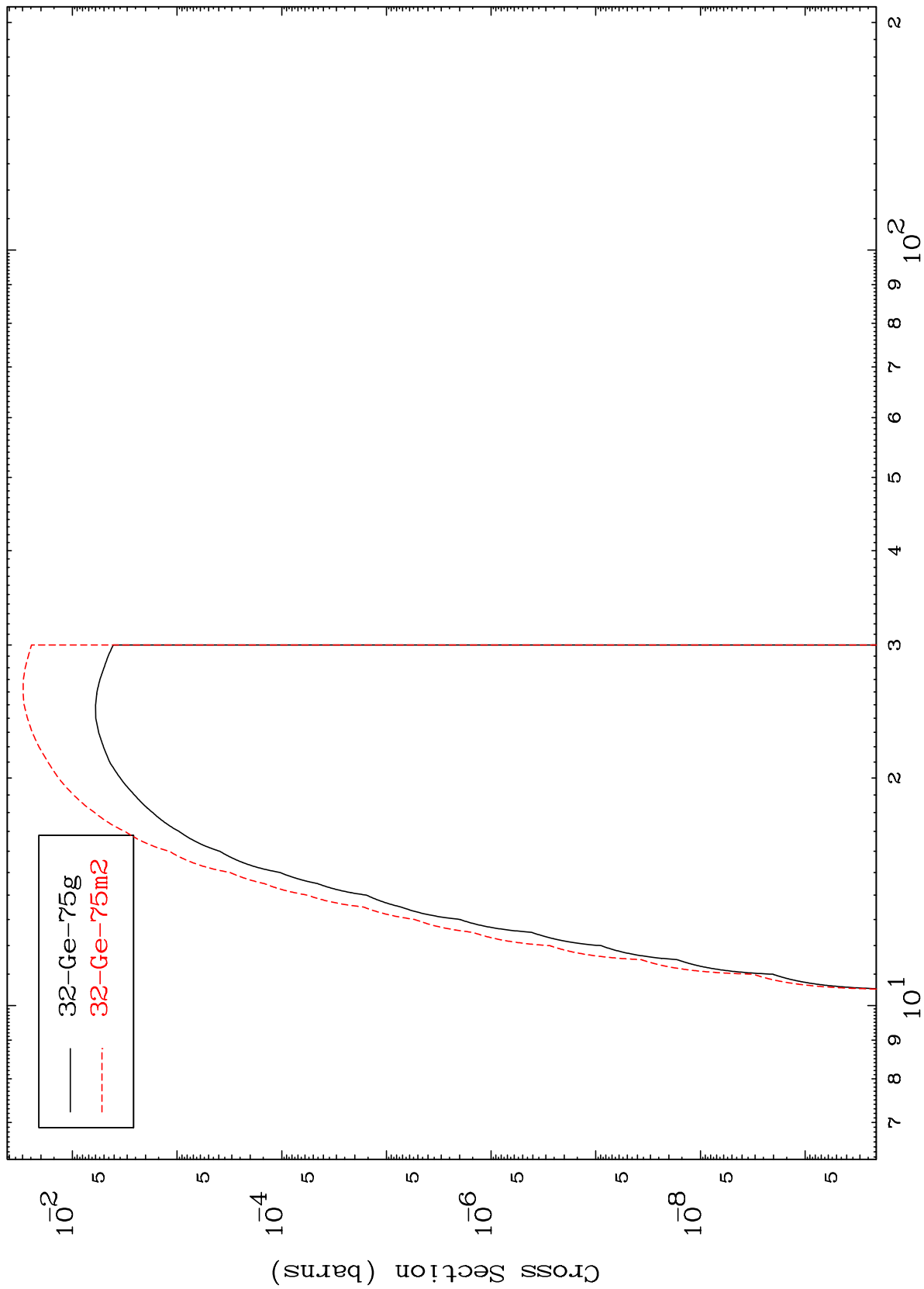
Incident Energy (MeV)

MAT 3440

(n, n') α

$^{34}\text{Se-79}$

Radionuclide Production Cross Section

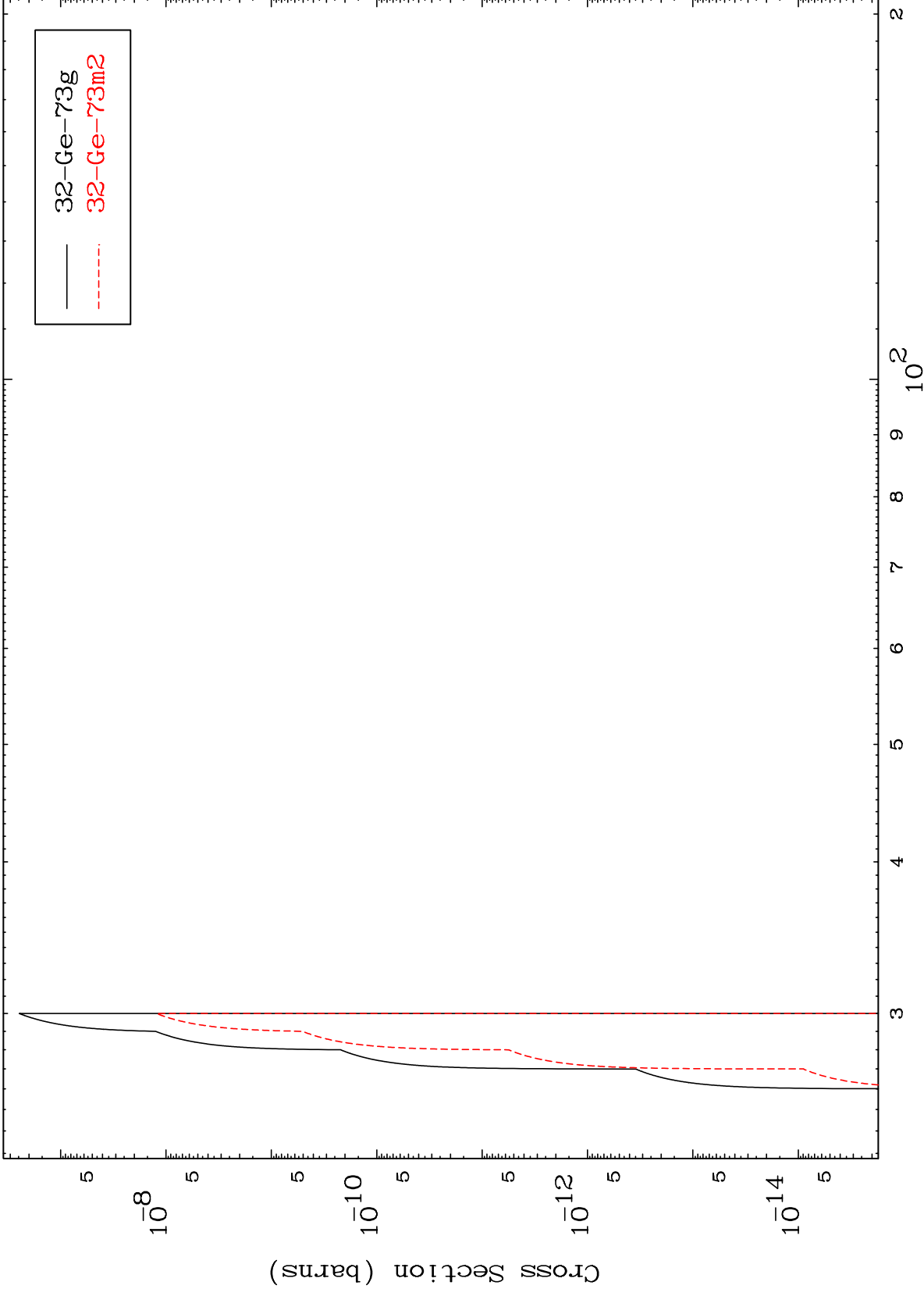


122

Incident Energy (MeV)

$^{34}\text{Se-79}$

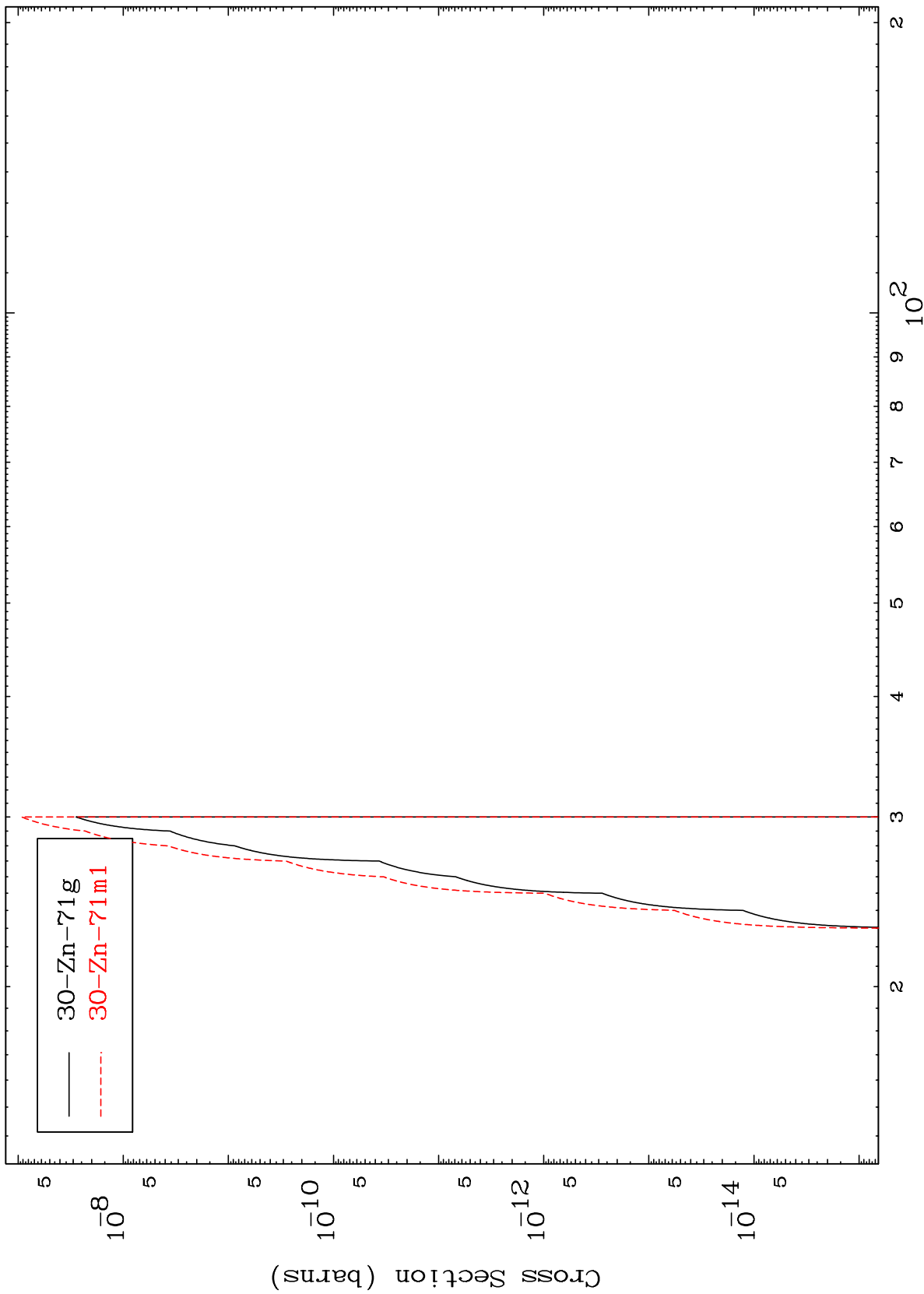
Radionuclide Production Cross Section



MAT 3440

34-Se-79

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



124

Incident Energy (MeV)

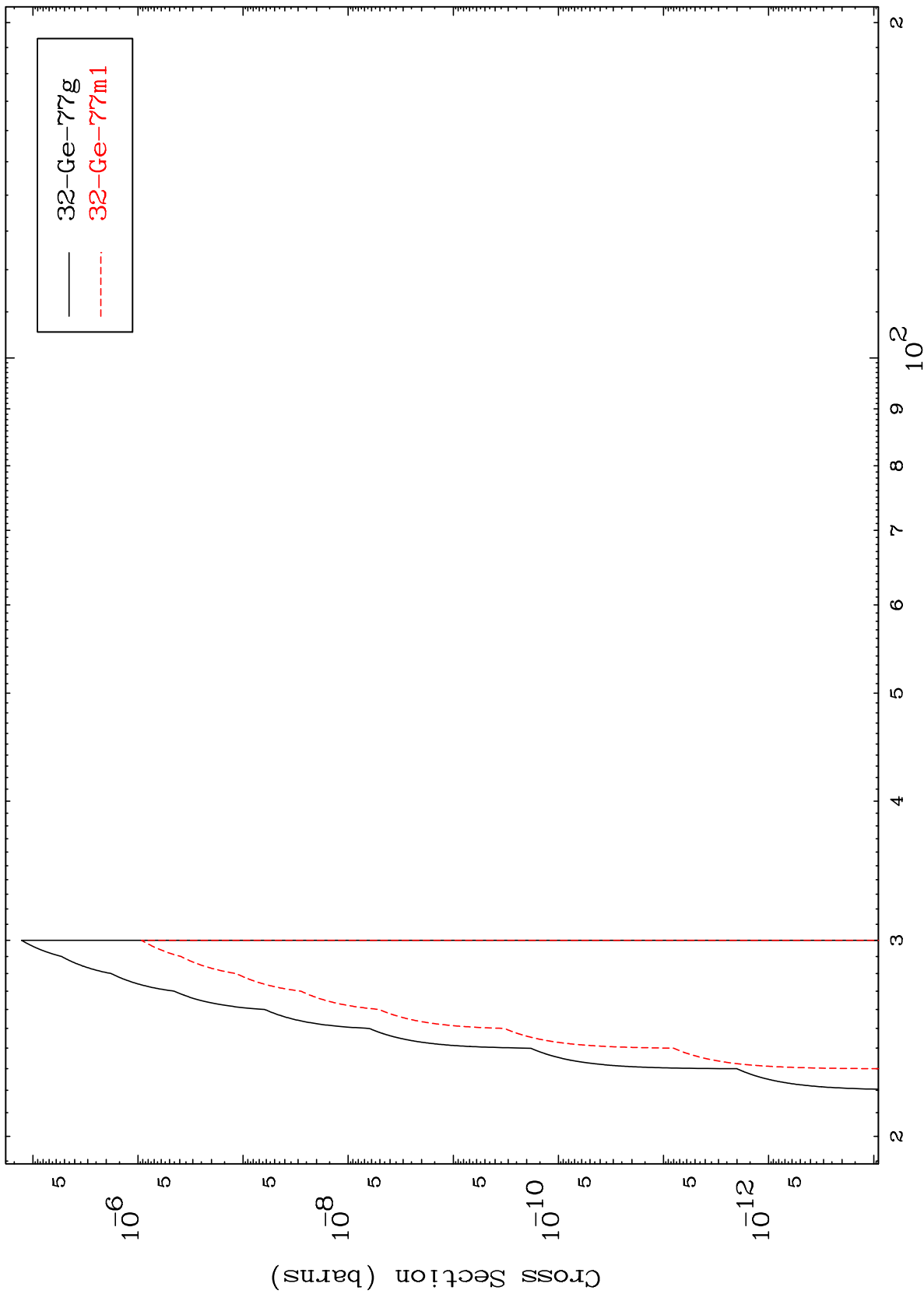
34-Se-79

MAT 3440

(n,2n) p

34-⁷⁹Se

Radionuclide Production Cross Section



125

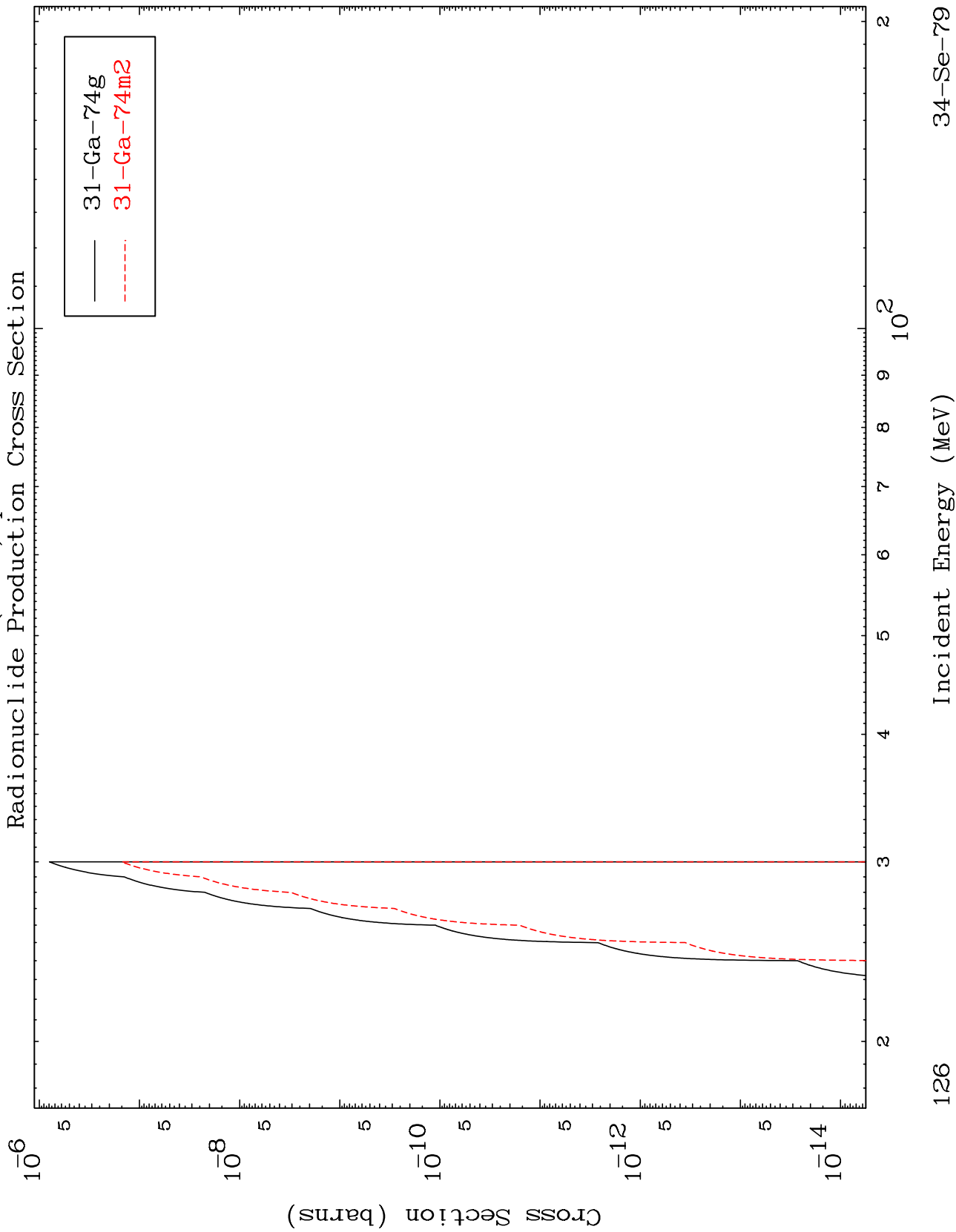
Incident Energy (MeV)

34-⁷⁹Se

MAT 3440

(n,n') p α

34-Se-79



126

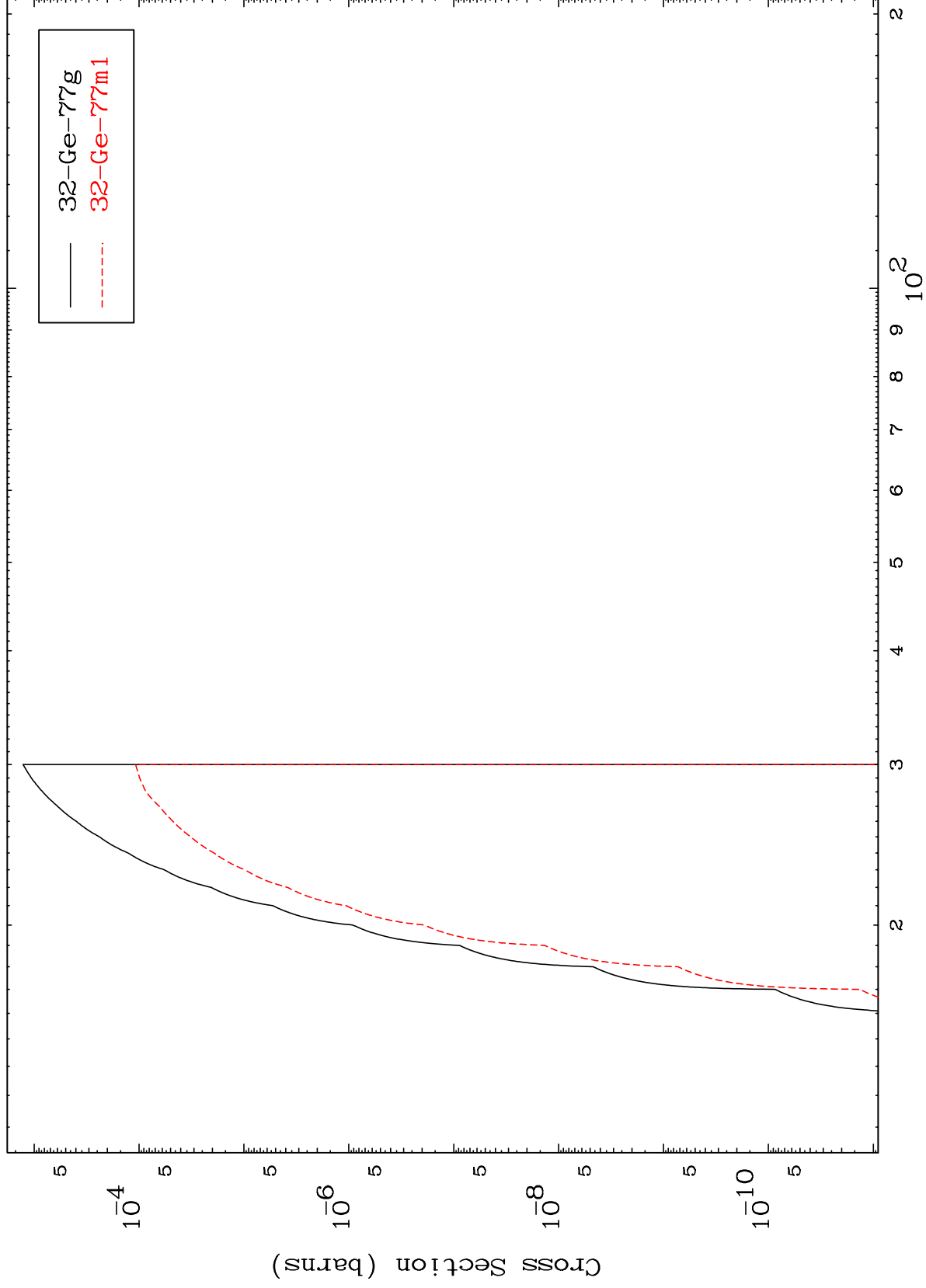
34-Se-79

MAT 3440

(n,He-3)

34-^{Se-79}

Radionuclide Production Cross Section



127

Incident Energy (MeV)

34-^{Se-79}

