

Program EVALPLOT
(Version 2015-2)

by

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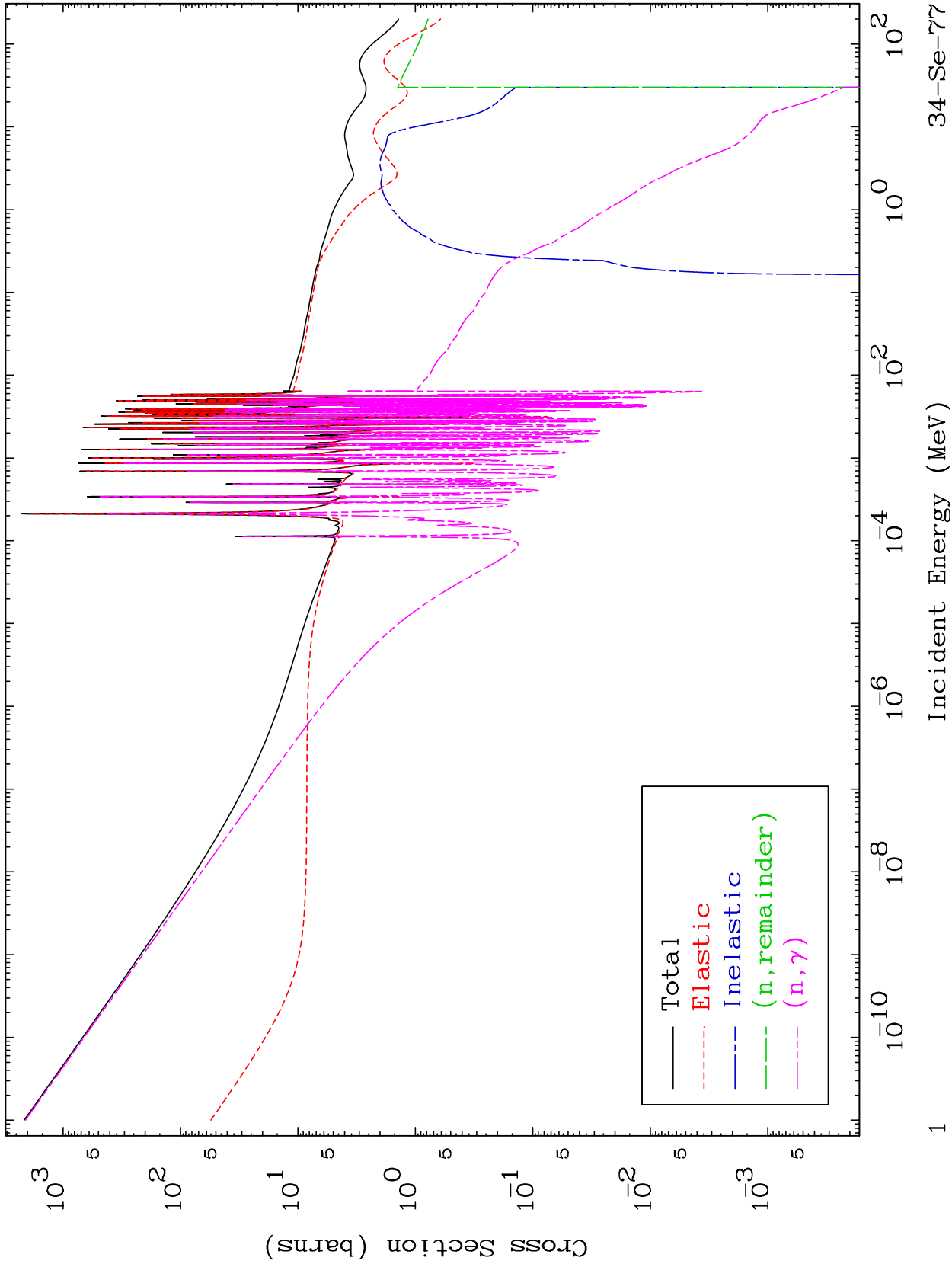
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3434

Major
293 Kelvin Cross Sections

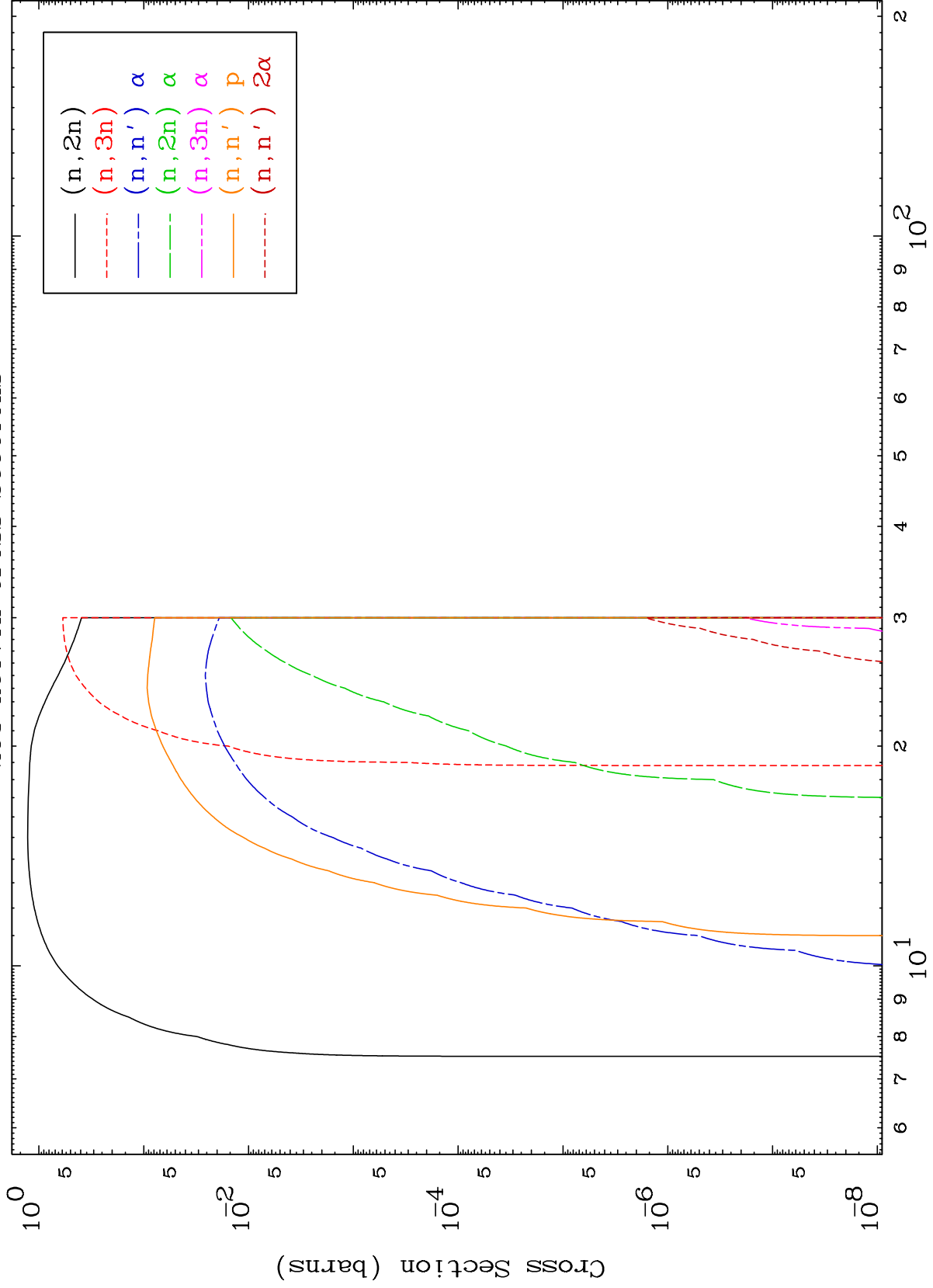
34-Se-77



MAT 3434

Neutron Production
293 Kelvin Cross Sections

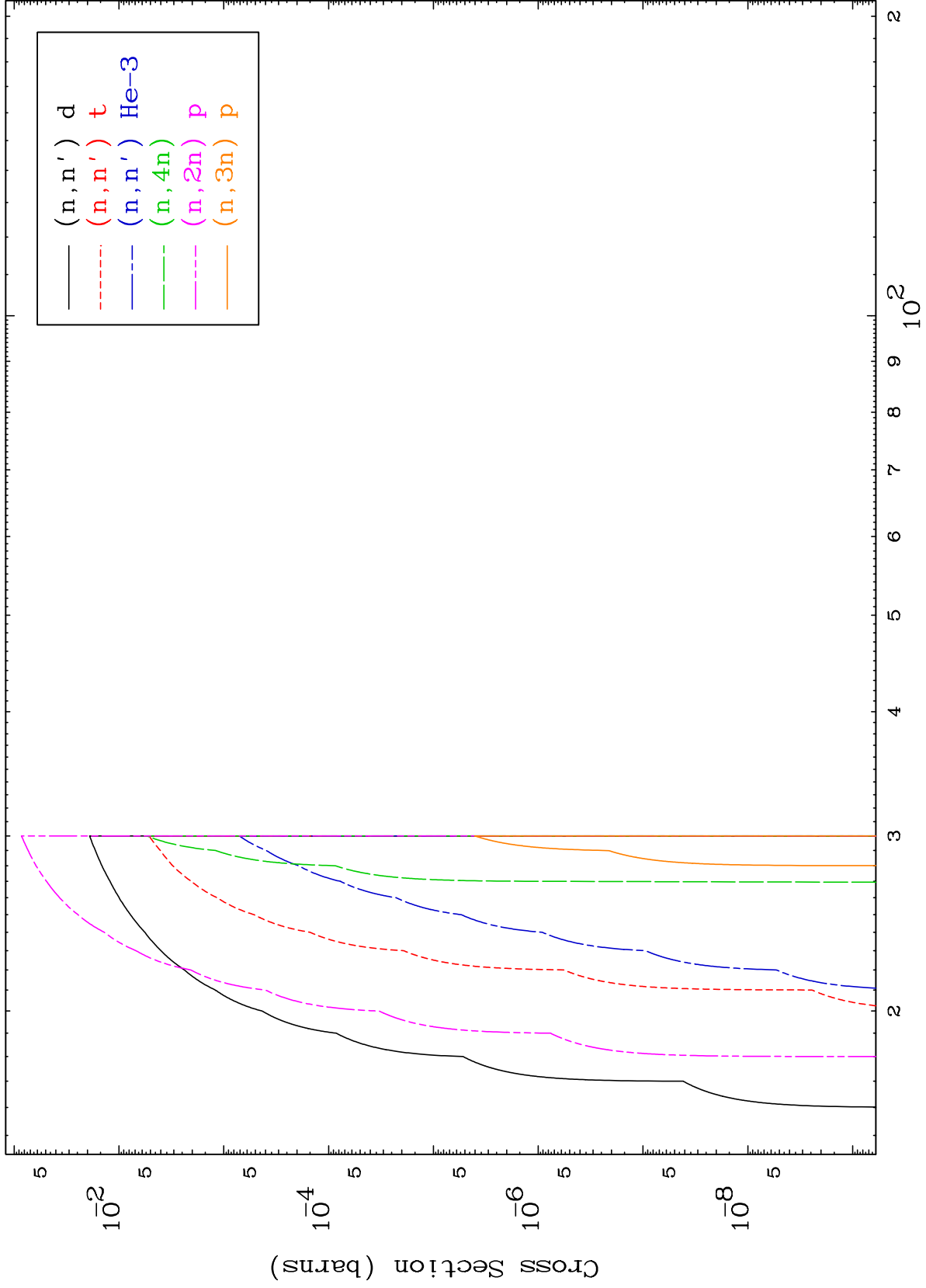
34-Se-77



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Incident Energy (MeV)

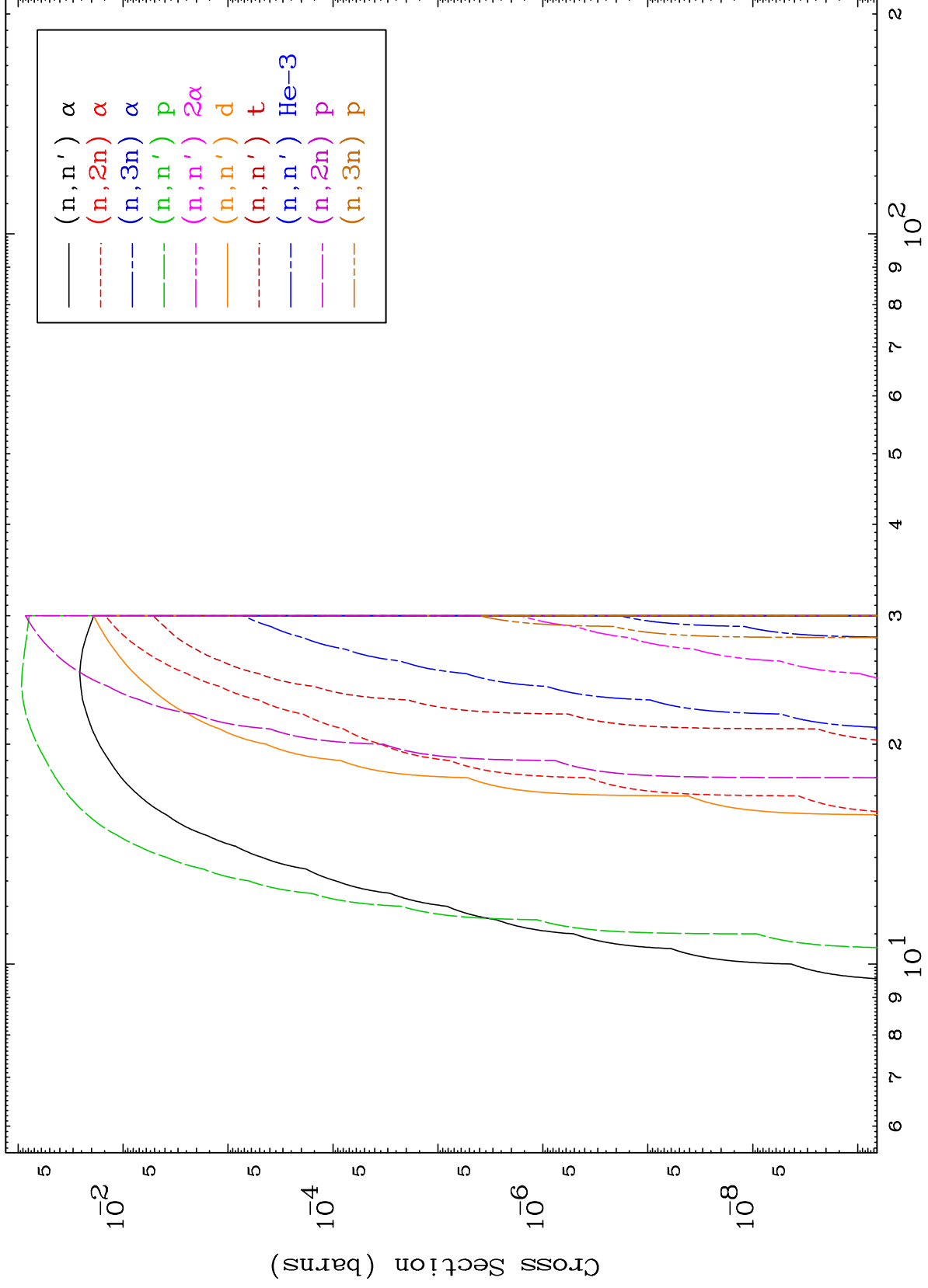
34-Se-77



MAT 3434

Charged Particle
293 Kelvin Cross Sections

34-Se-77



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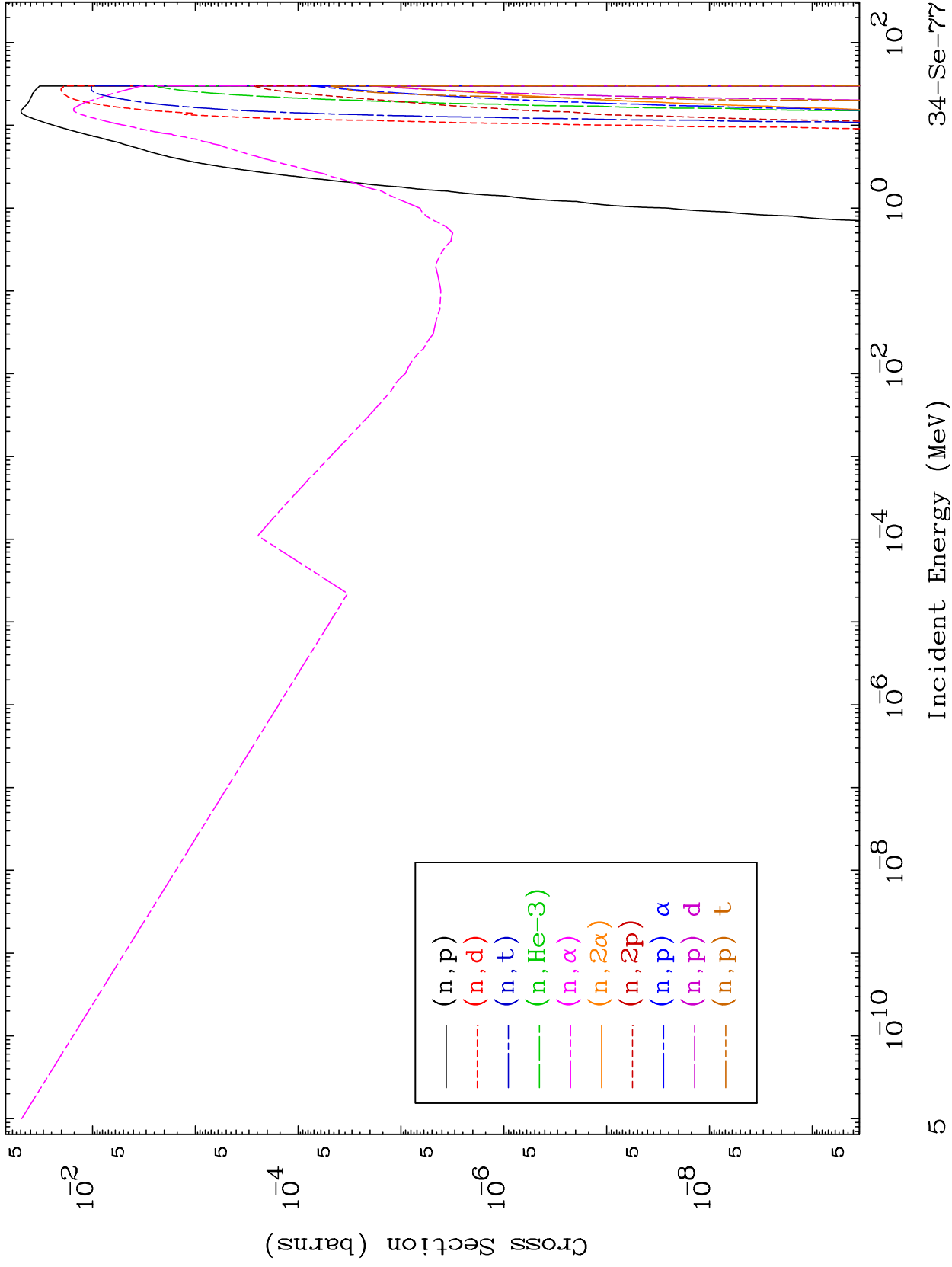
Incident Energy (MeV)

34-Se-77

MAT 3434

Charged Particle
293 Kelvin Cross Sections

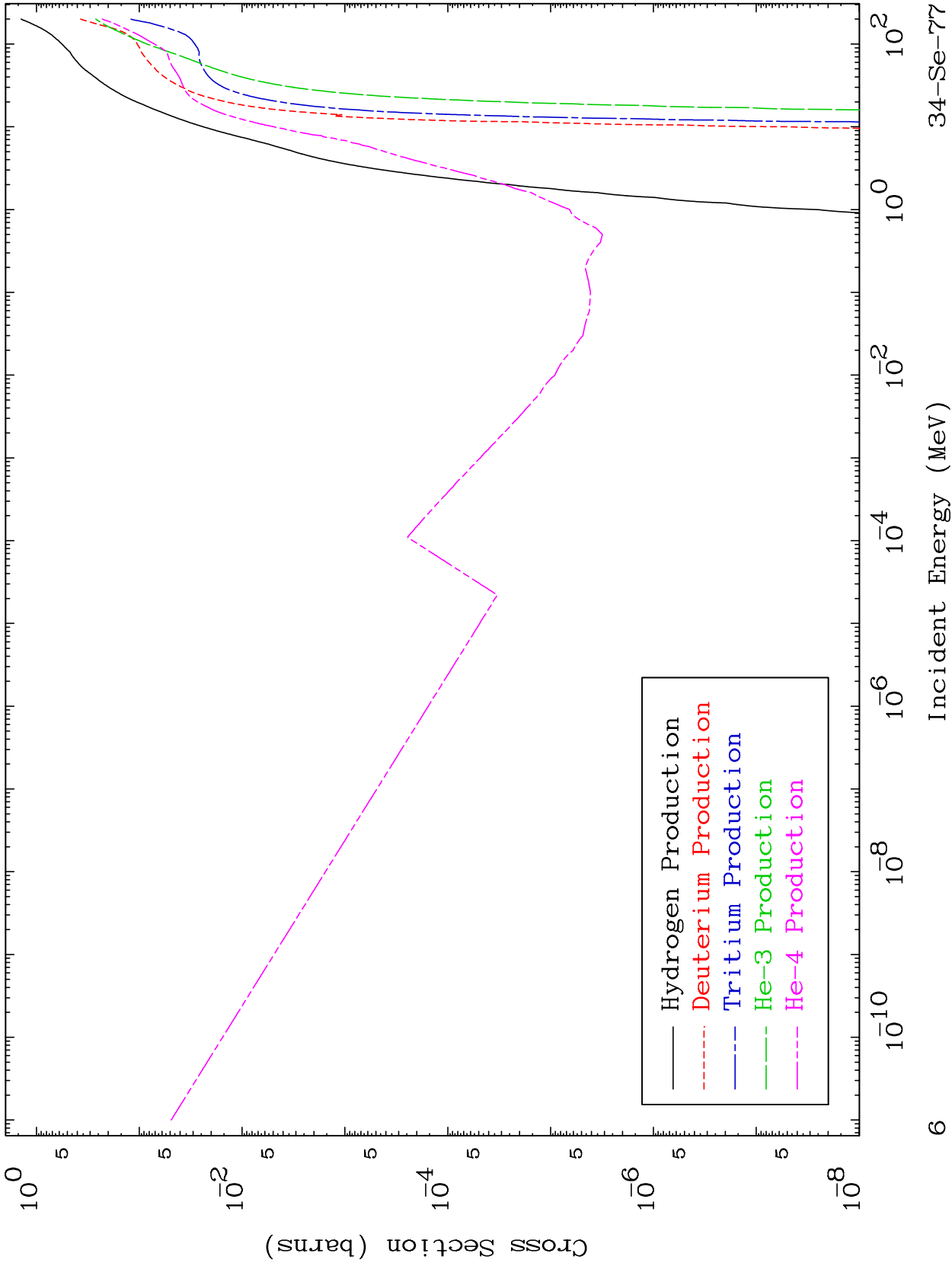
34-Se-77



MAT 3434

Particle Production
293 Kelvin Cross Sections

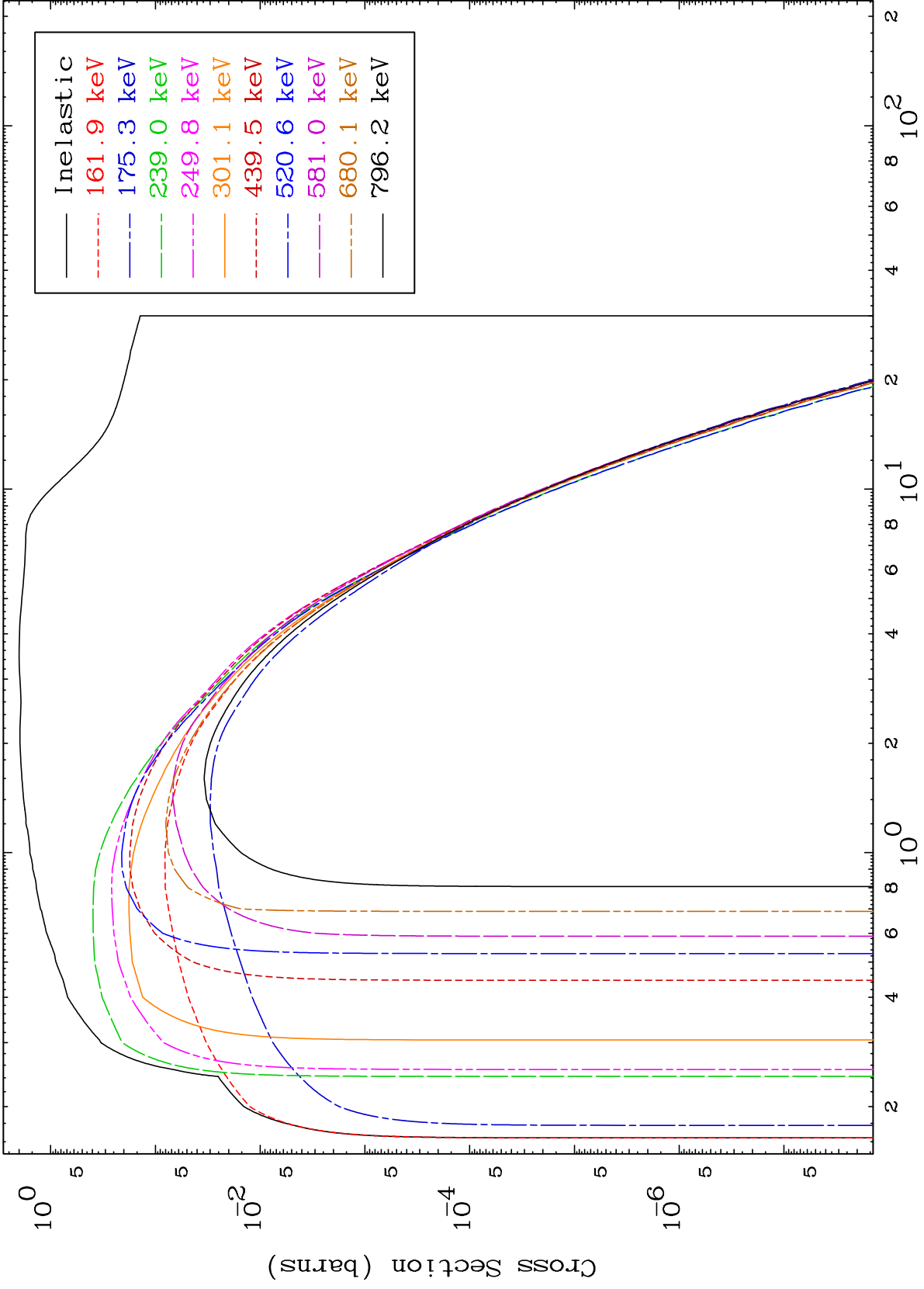
34-Se-77



MAT 3434

(n,n') Level
293 Kelvin Cross Sections

34-Se-77



7

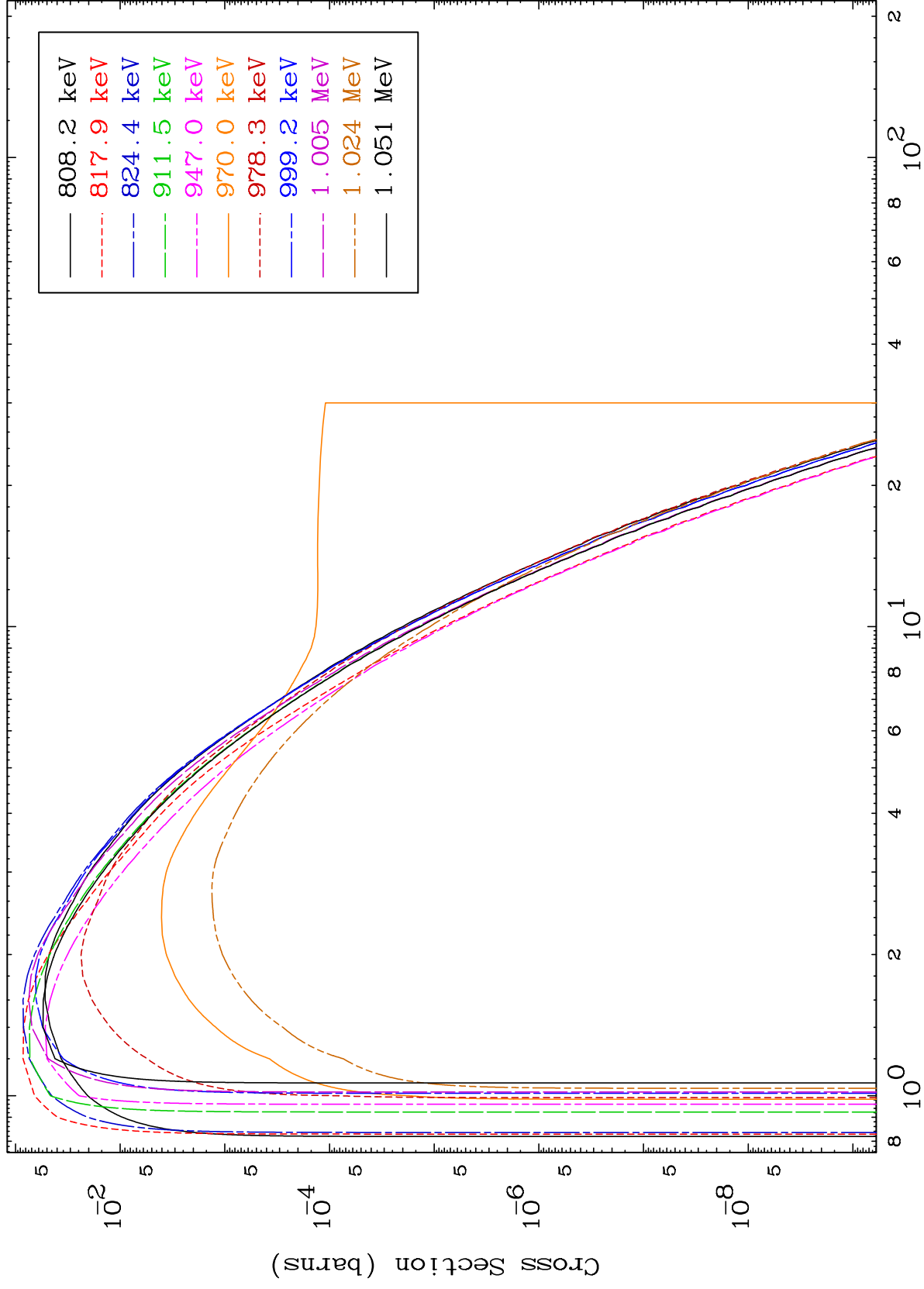
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,n') Level
293 Kelvin Cross Sections

34-Se-77



Incident Energy (MeV)

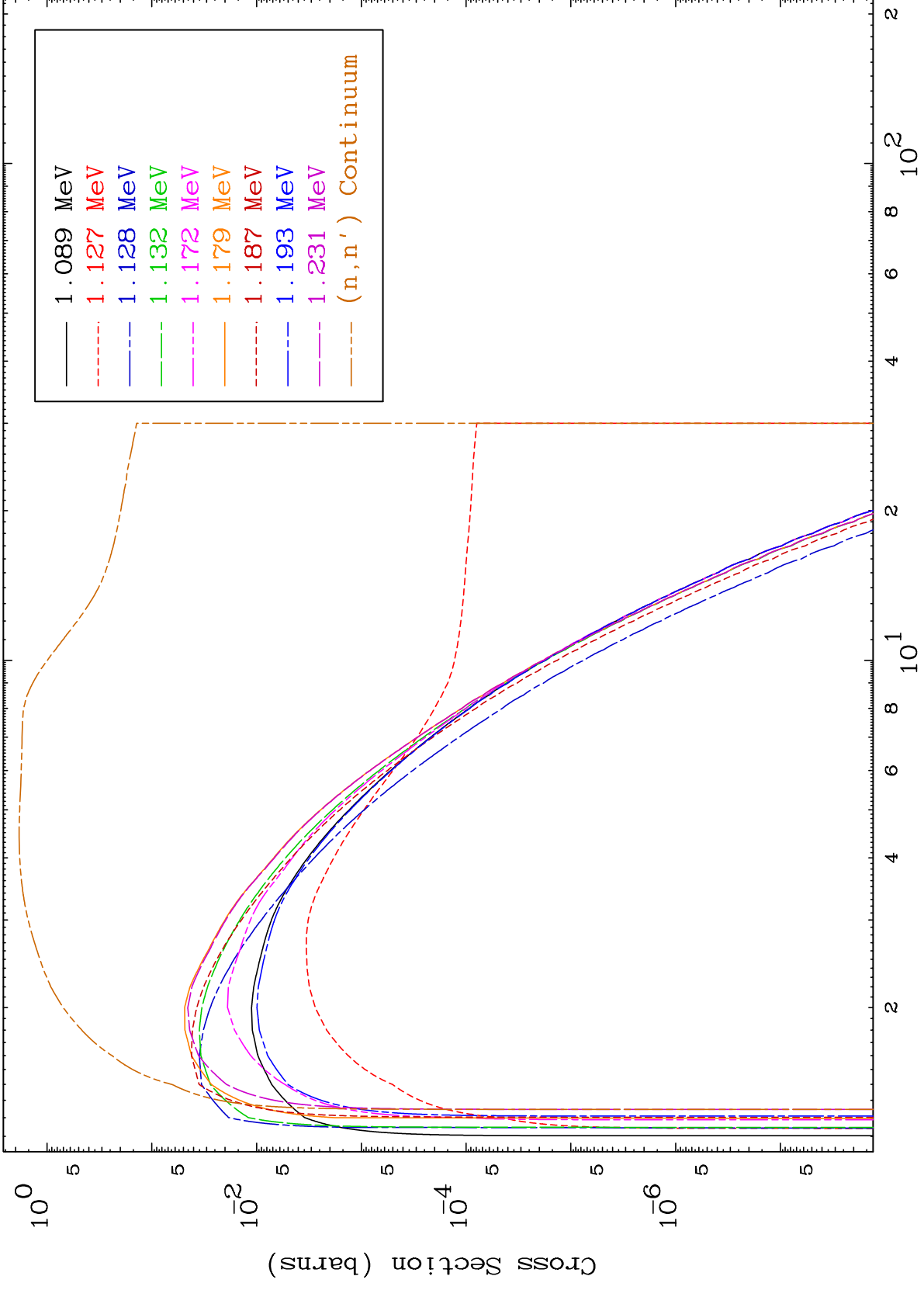
34-Se-77

MAT 3434

(n,n') Level

34-Se-77

293 Kelvin Cross Sections



9

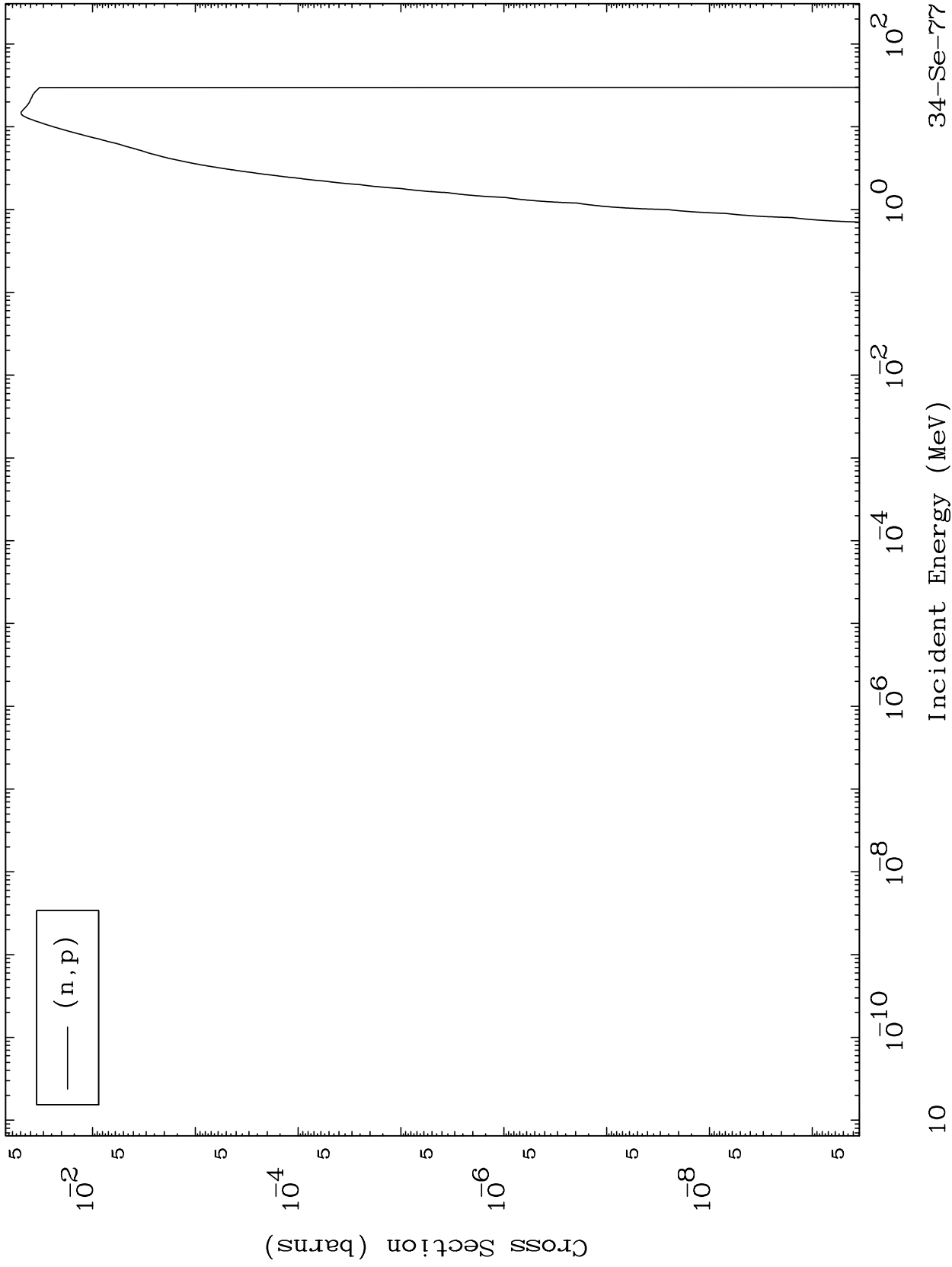
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,p) Levels
293 Kelvin Cross Sections

34-Se-77



10

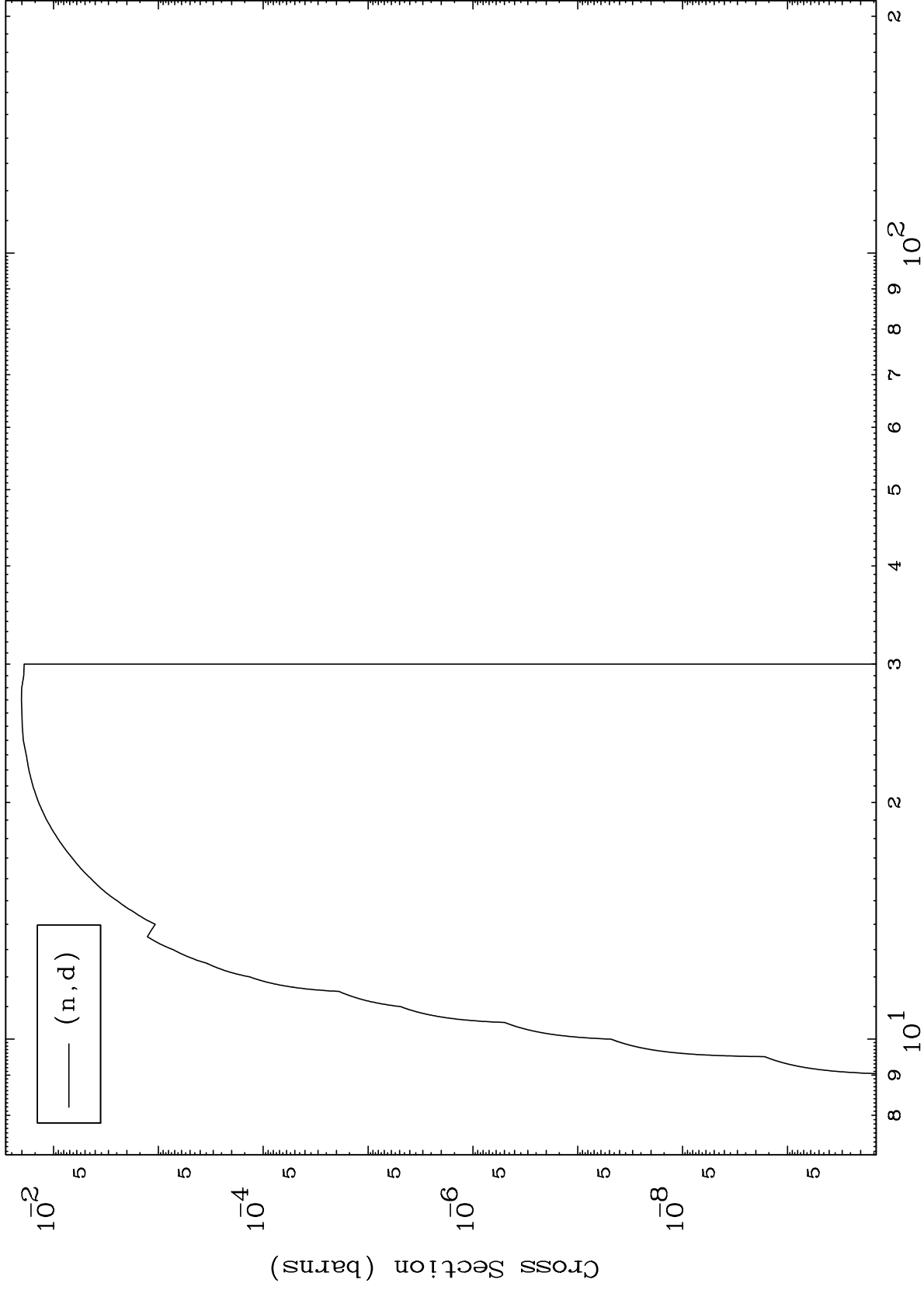
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,d) Levels
293 Kelvin Cross Sections

34-Se-77



11

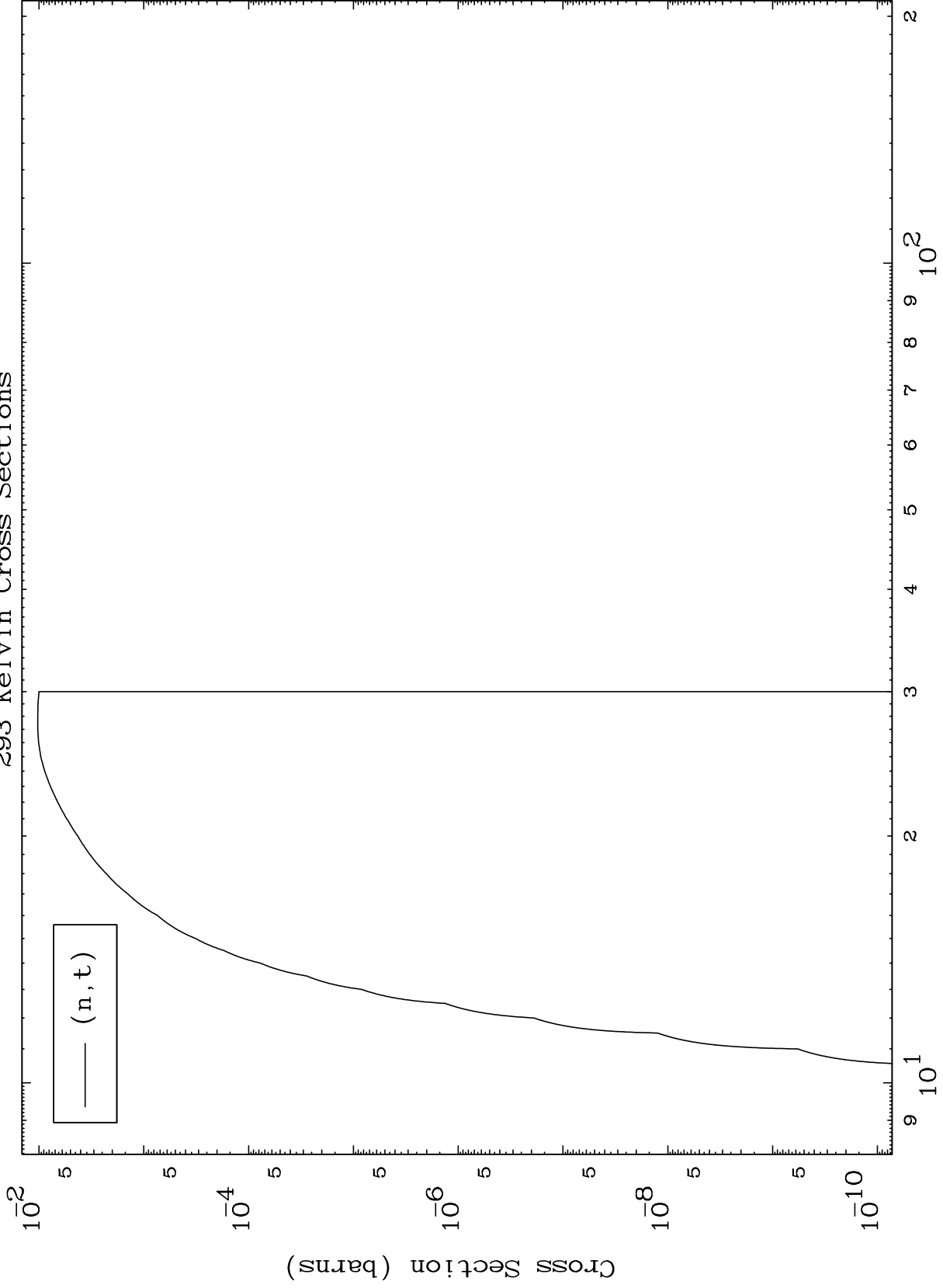
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-77



12

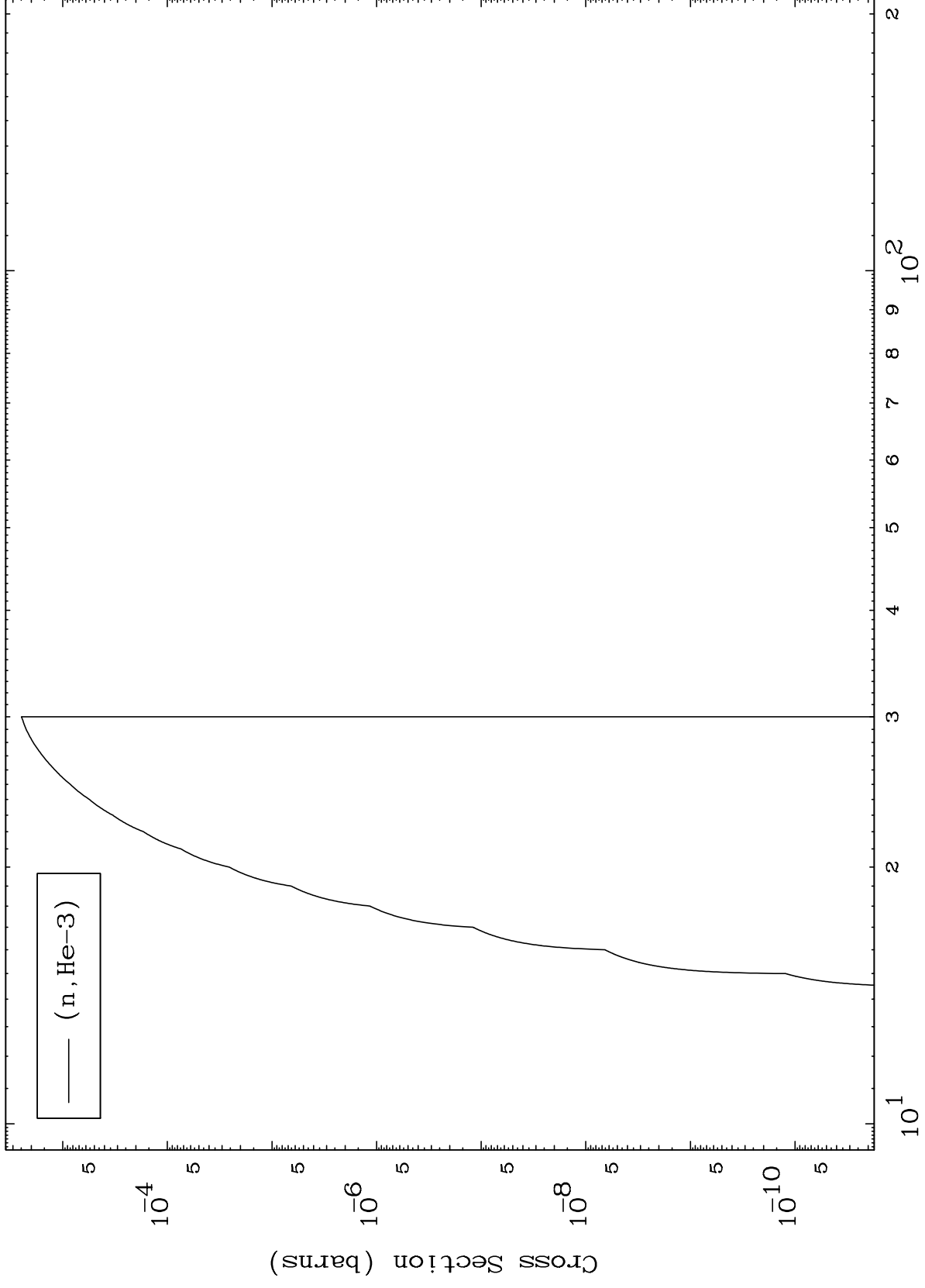
Incident Energy (MeV)

³⁴Se-77

MAT 3434

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-77



13

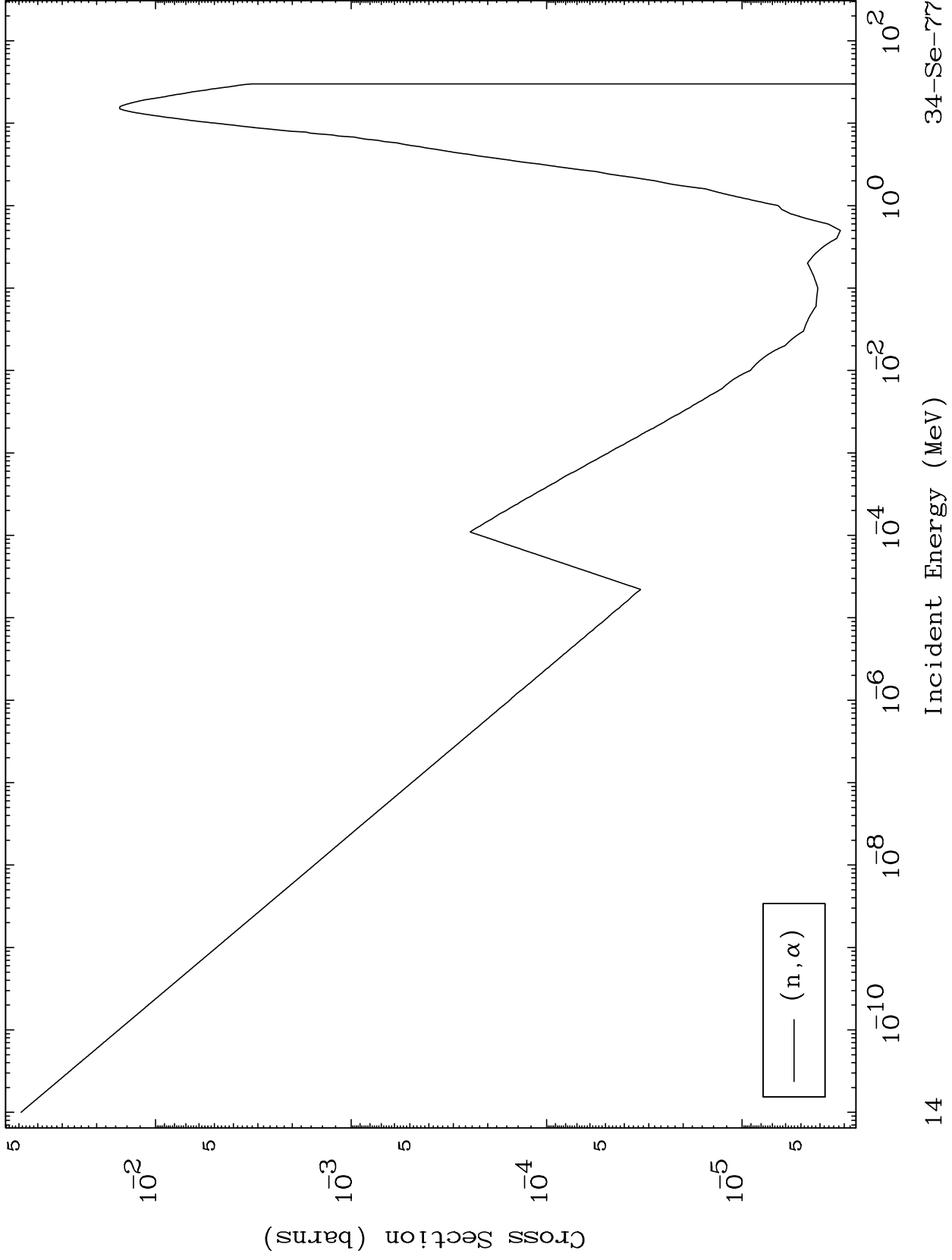
Incident Energy (MeV)

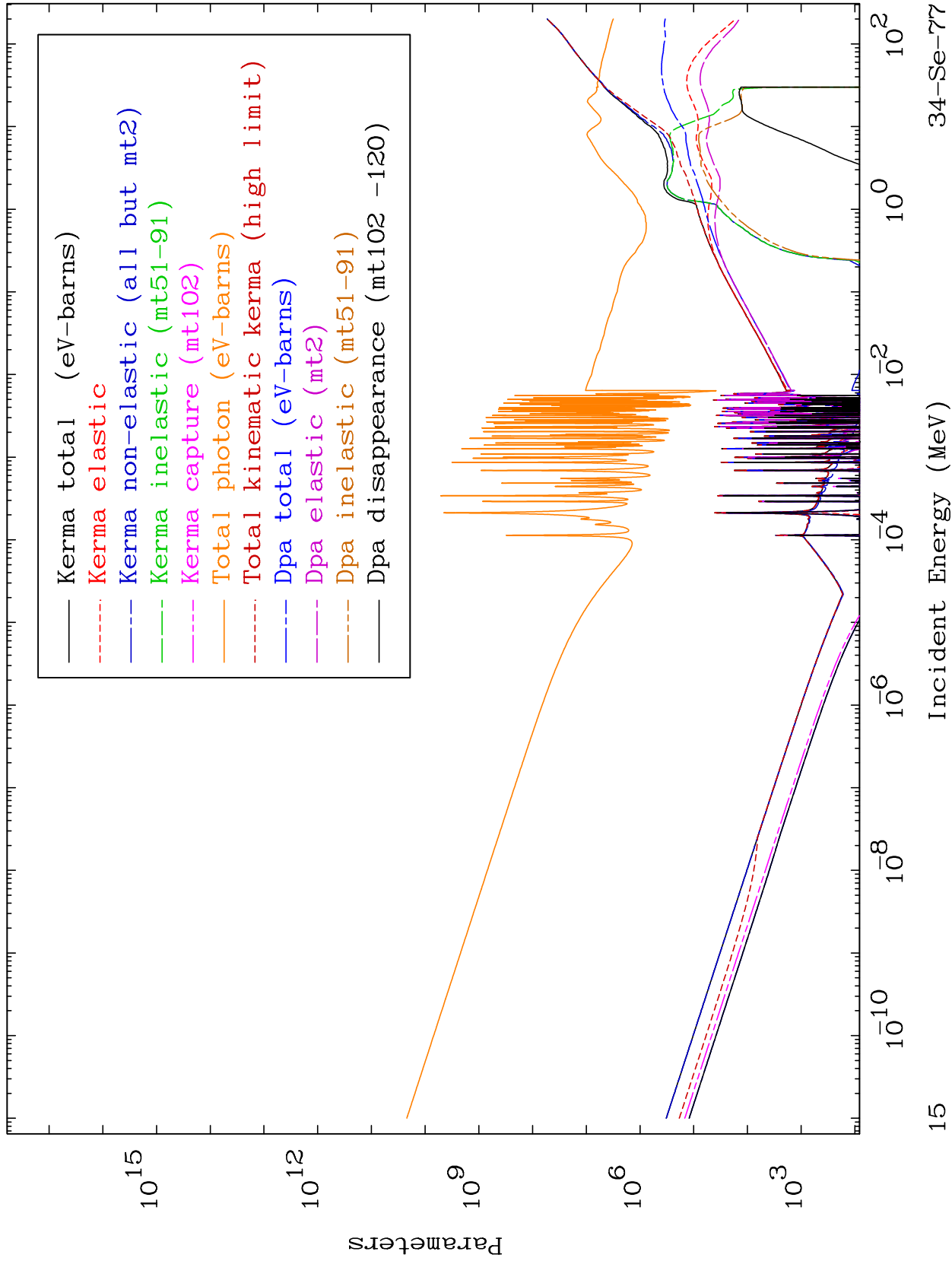
34-Se-77

MAT 3434

(n,α) Levels
293 Kelvin Cross Sections

34-Se-77

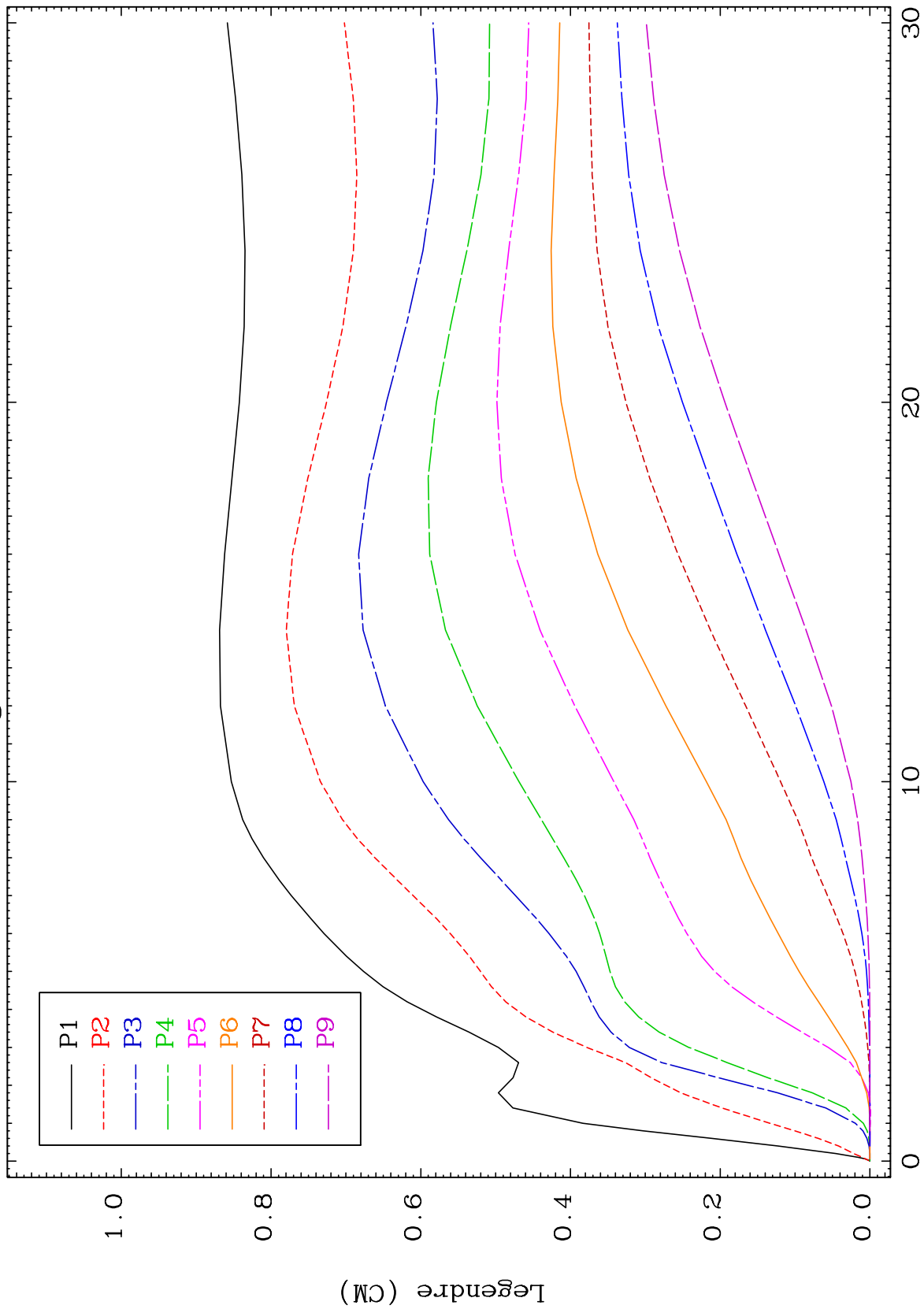




MAT 3434

Elastic Legendre Coefficients

³⁴Se-77



16

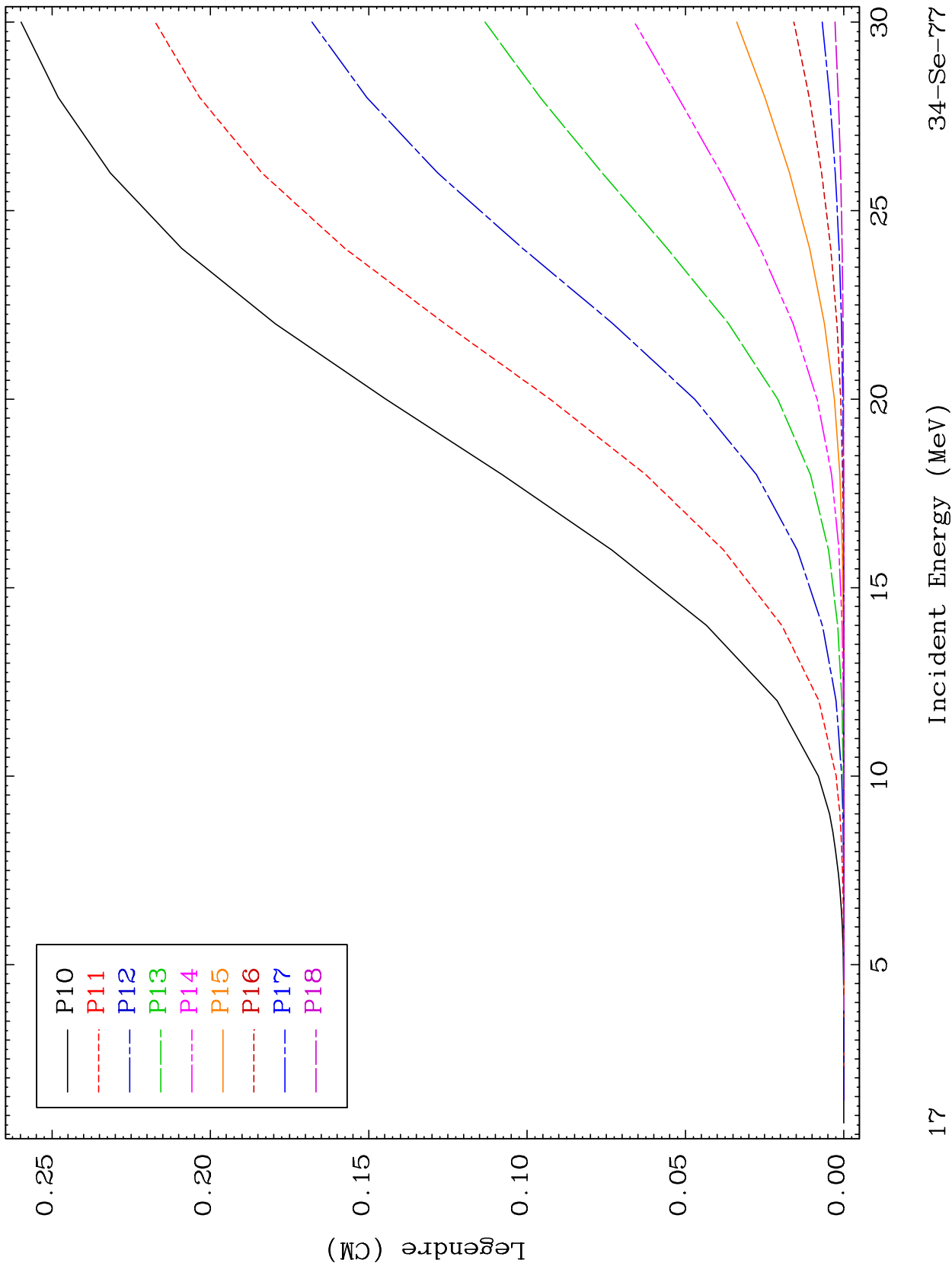
Incident Energy (MeV)

³⁴Se-77

MAT 3434

Elastic
Legendre Coefficients

³⁴Se-77

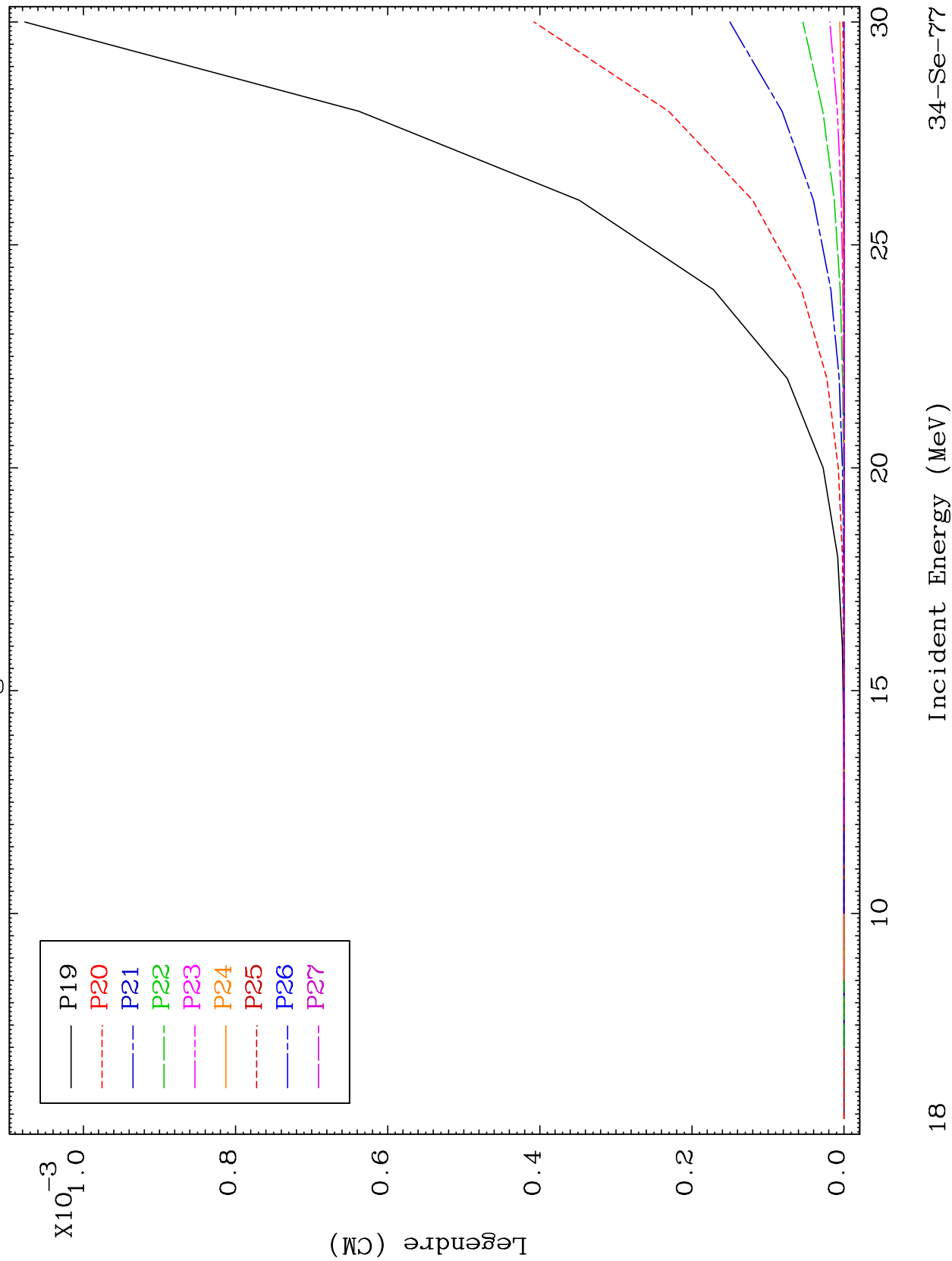


17

MAT 3434

Elastic
Legendre Coefficients

³⁴Se-77



18

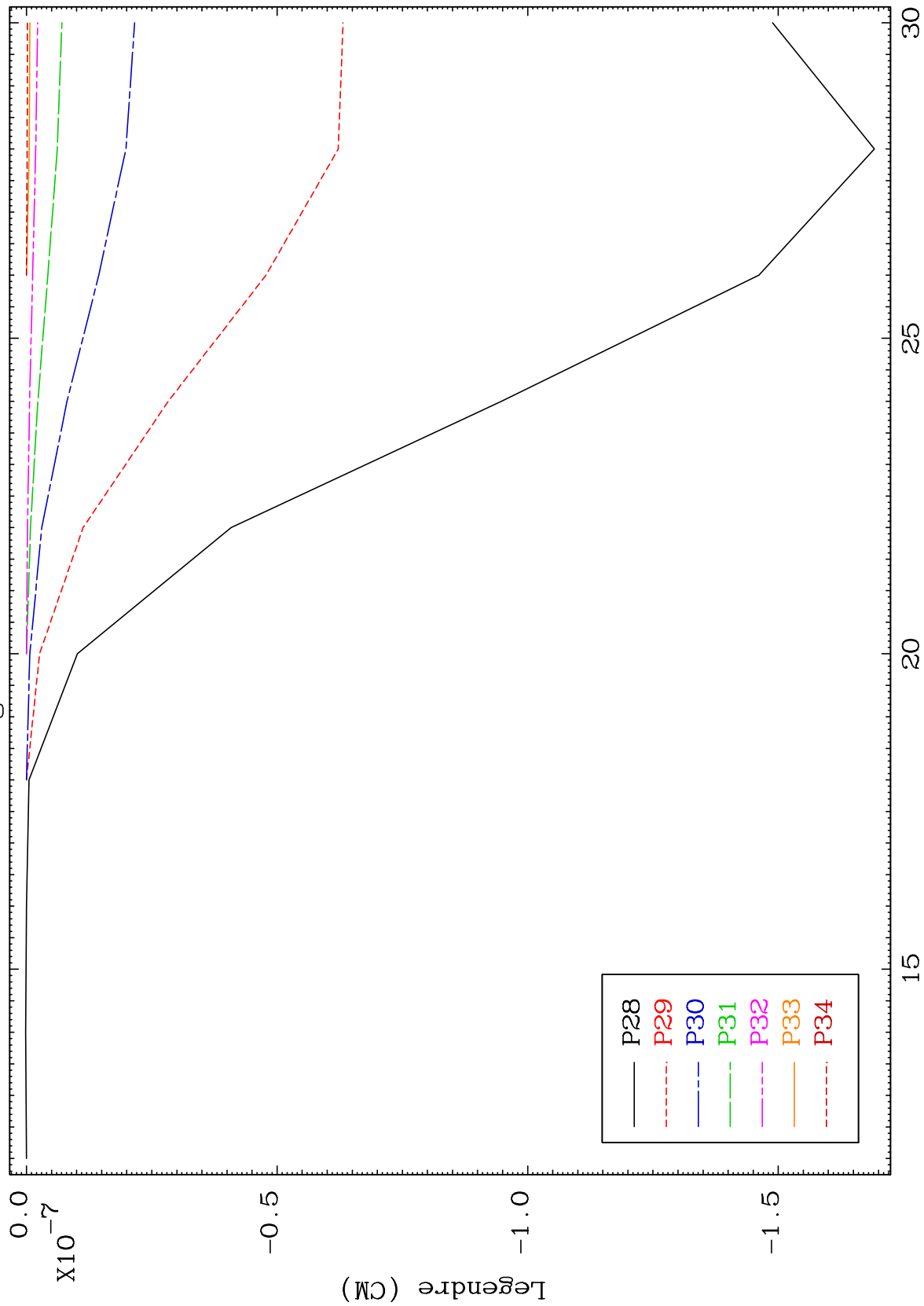
Incident Energy (MeV)

³⁴Se-77

MAT 3434

34-Se-77

Elastic Legendre Coefficients



0.0
X10⁻⁷

-0.5

-1.0

-1.5

15

20

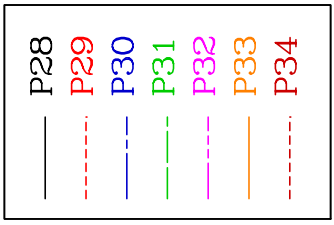
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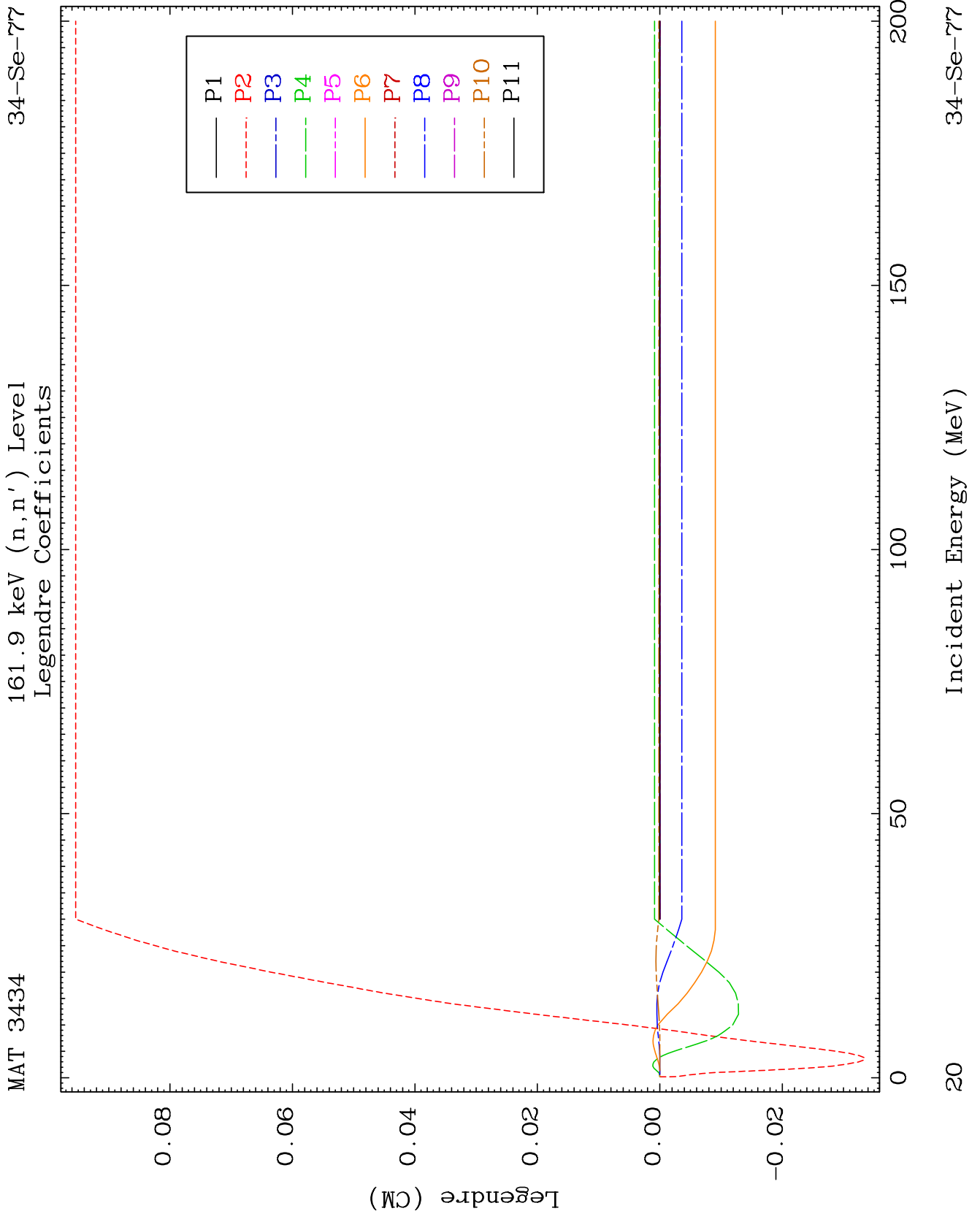
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19

Incident Energy (MeV)

34-Se-77

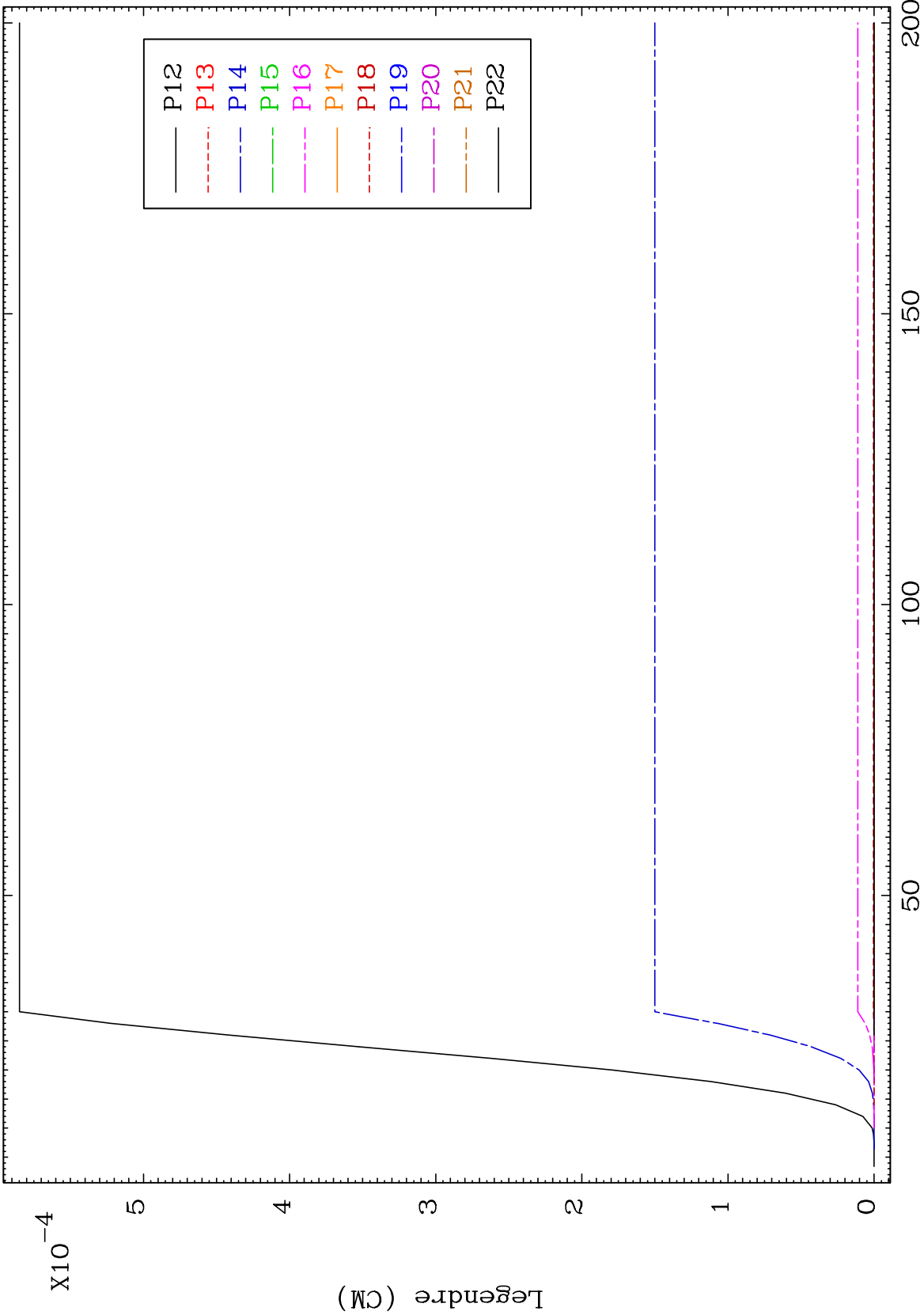




MAT 3434

161.9 keV (n,n') Level
Legendre Coefficients

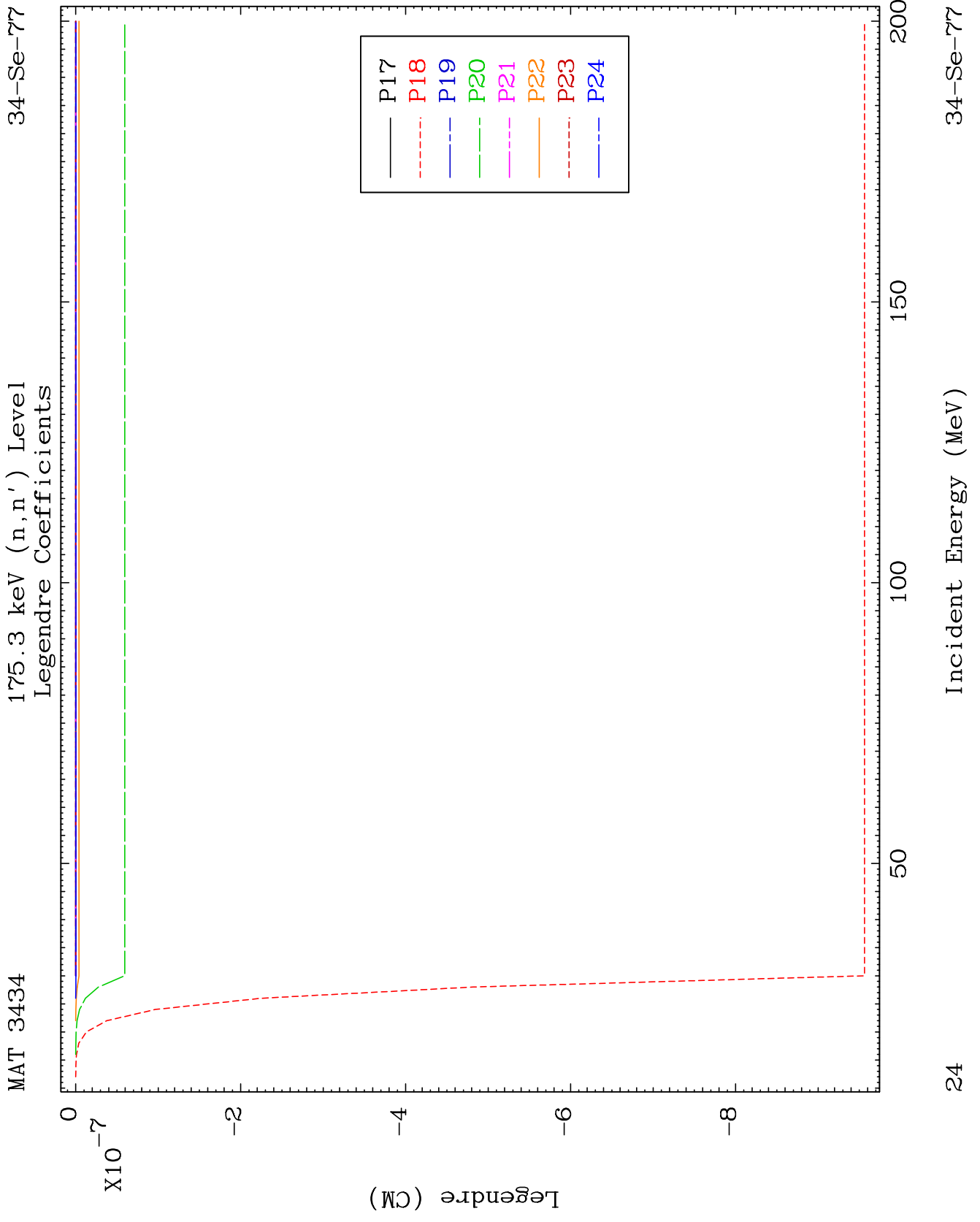
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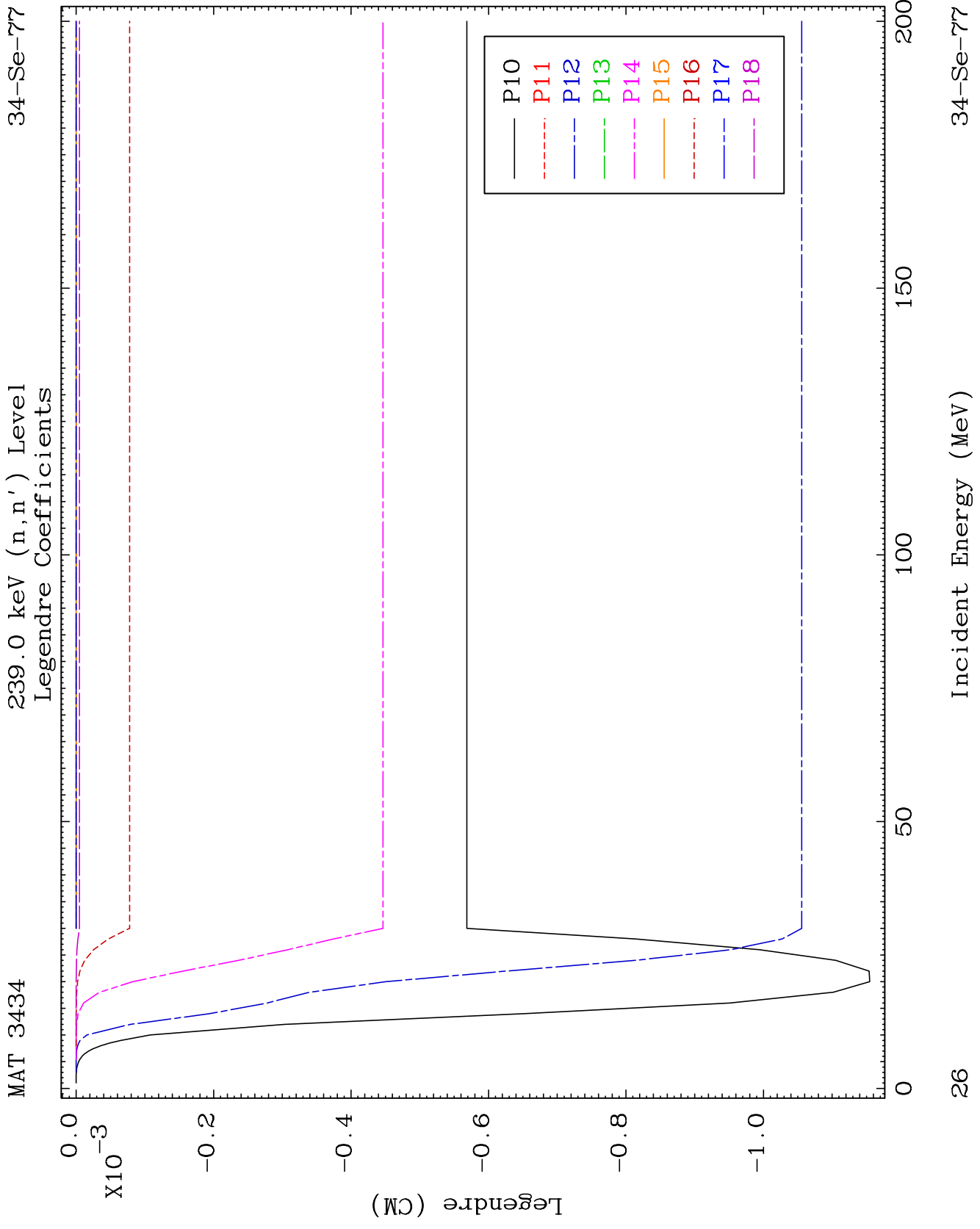


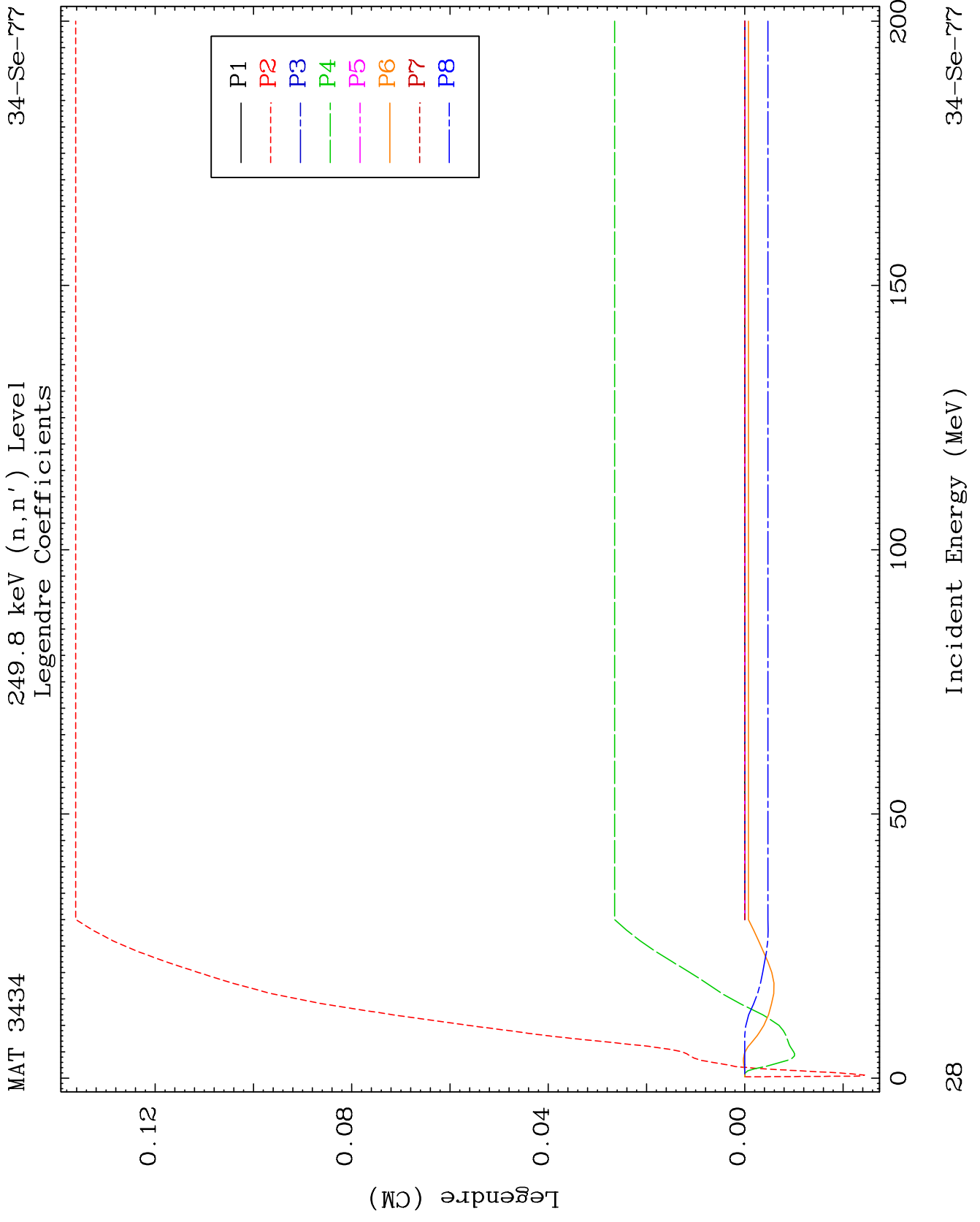
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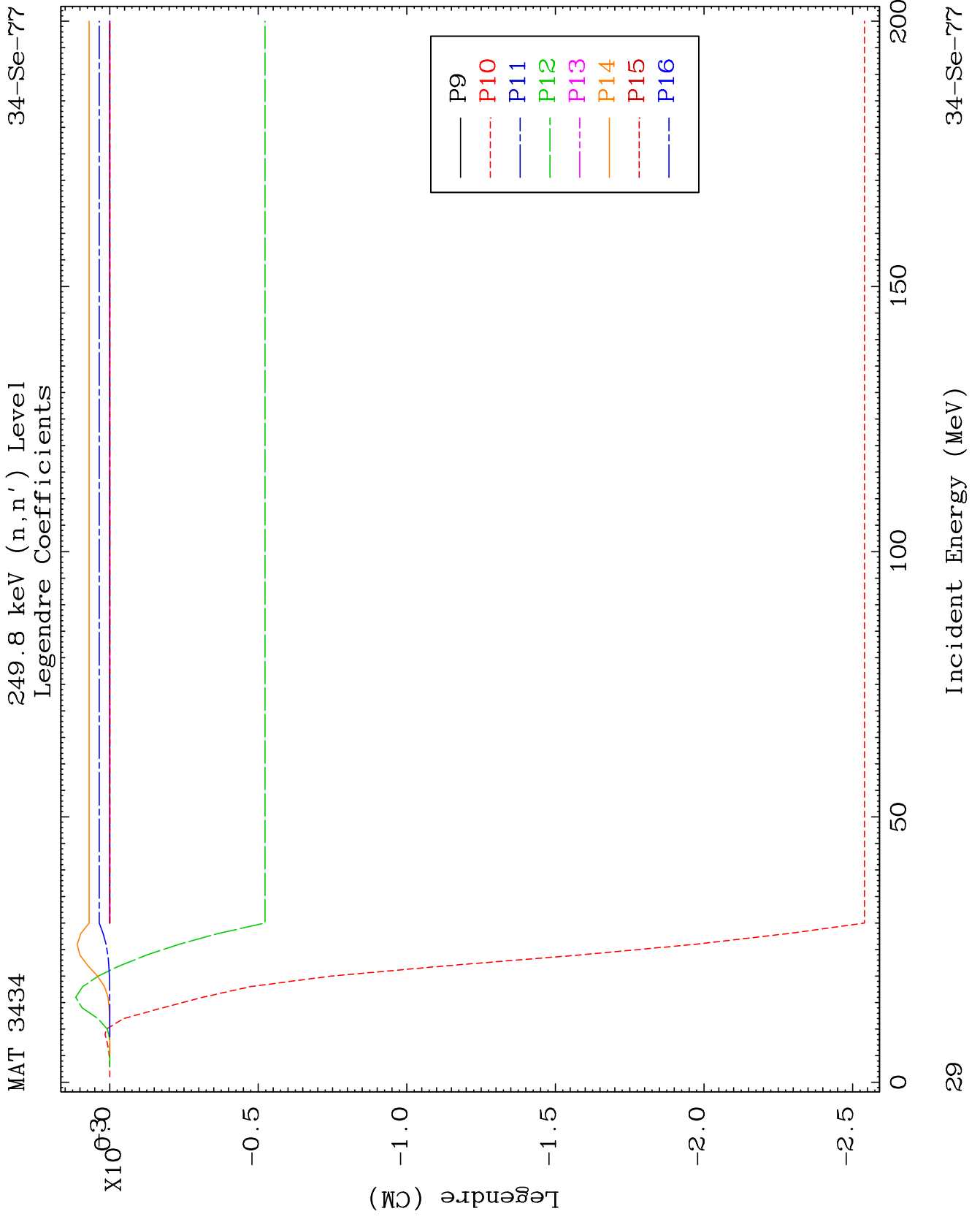
Incident Energy (MeV)

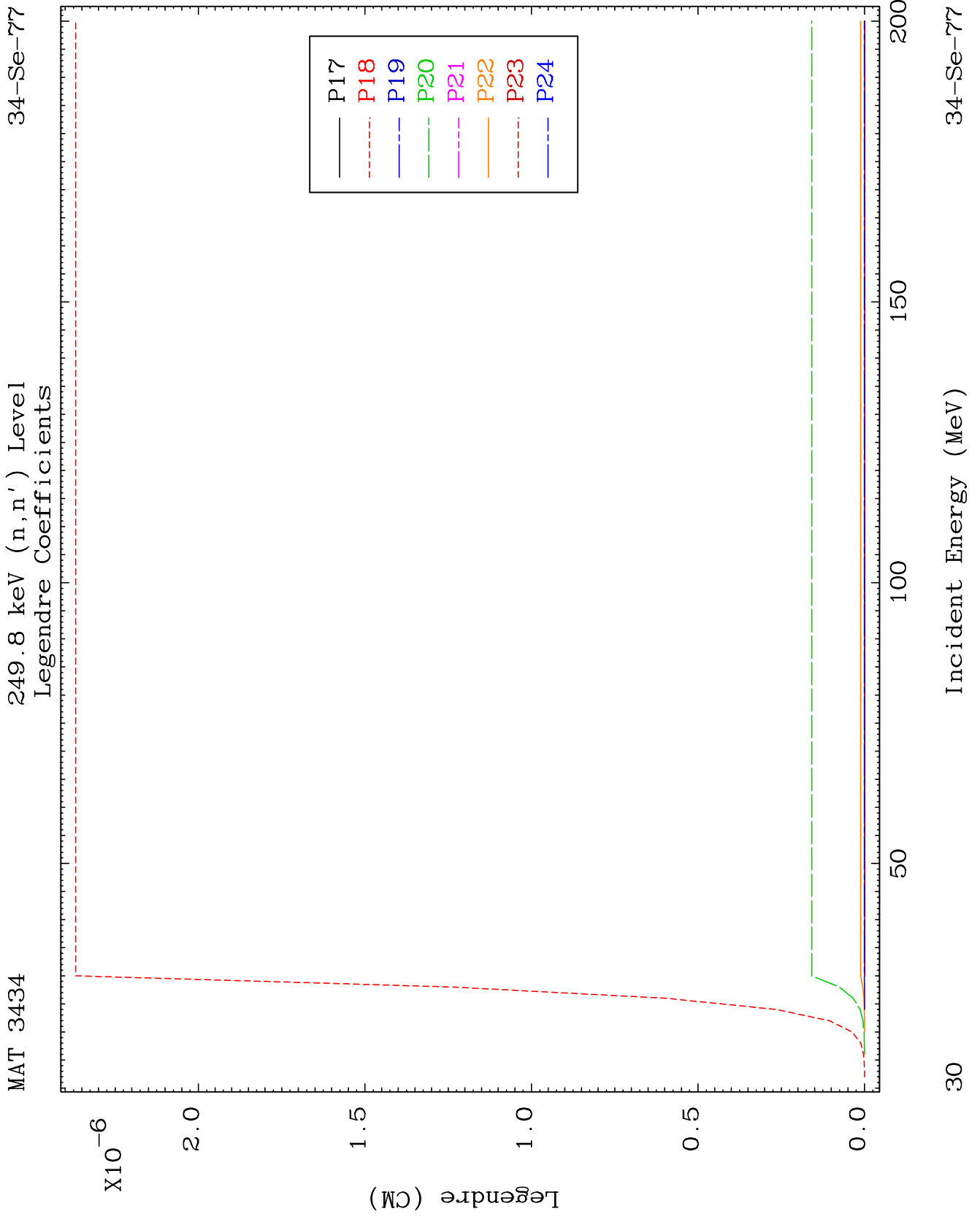
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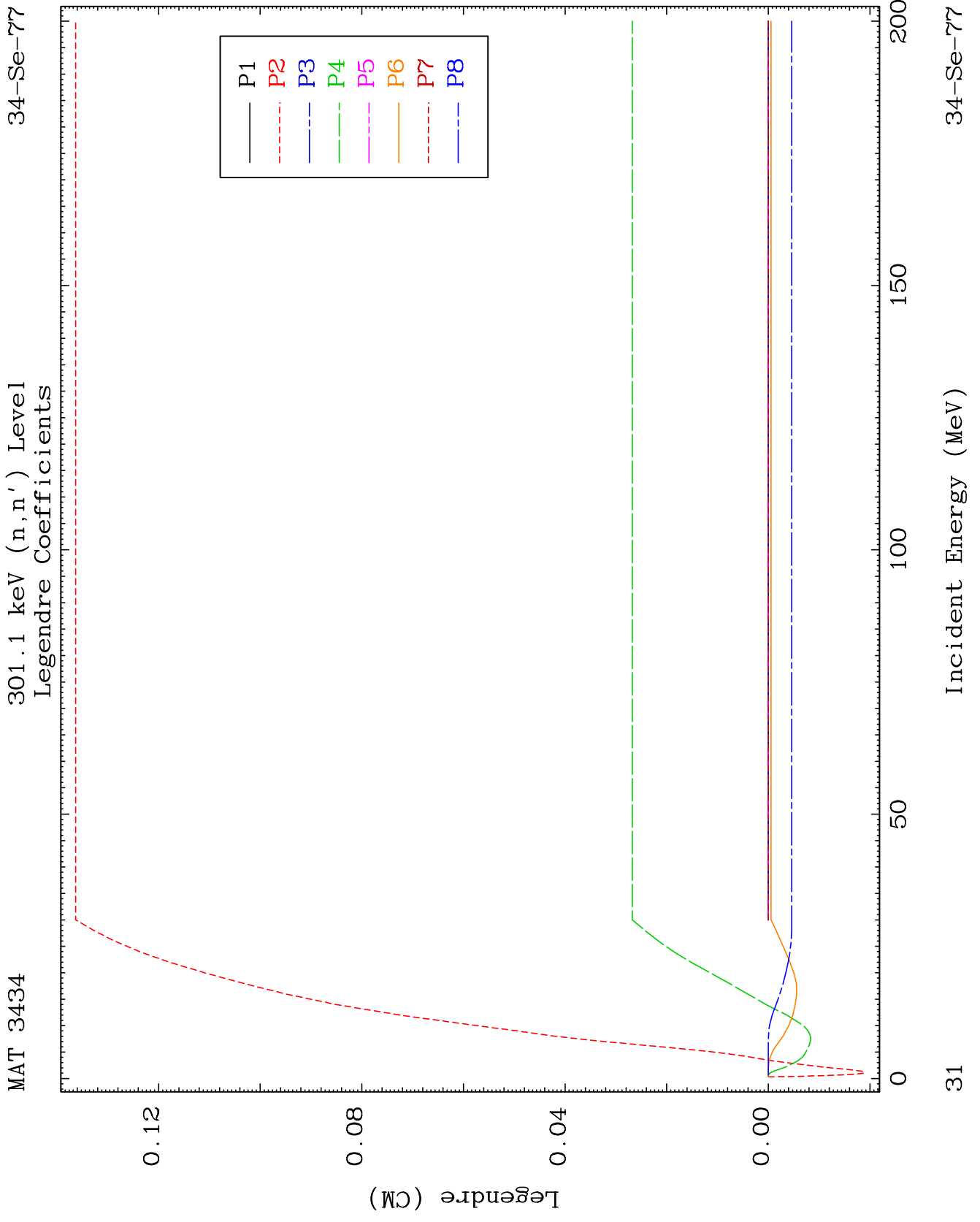


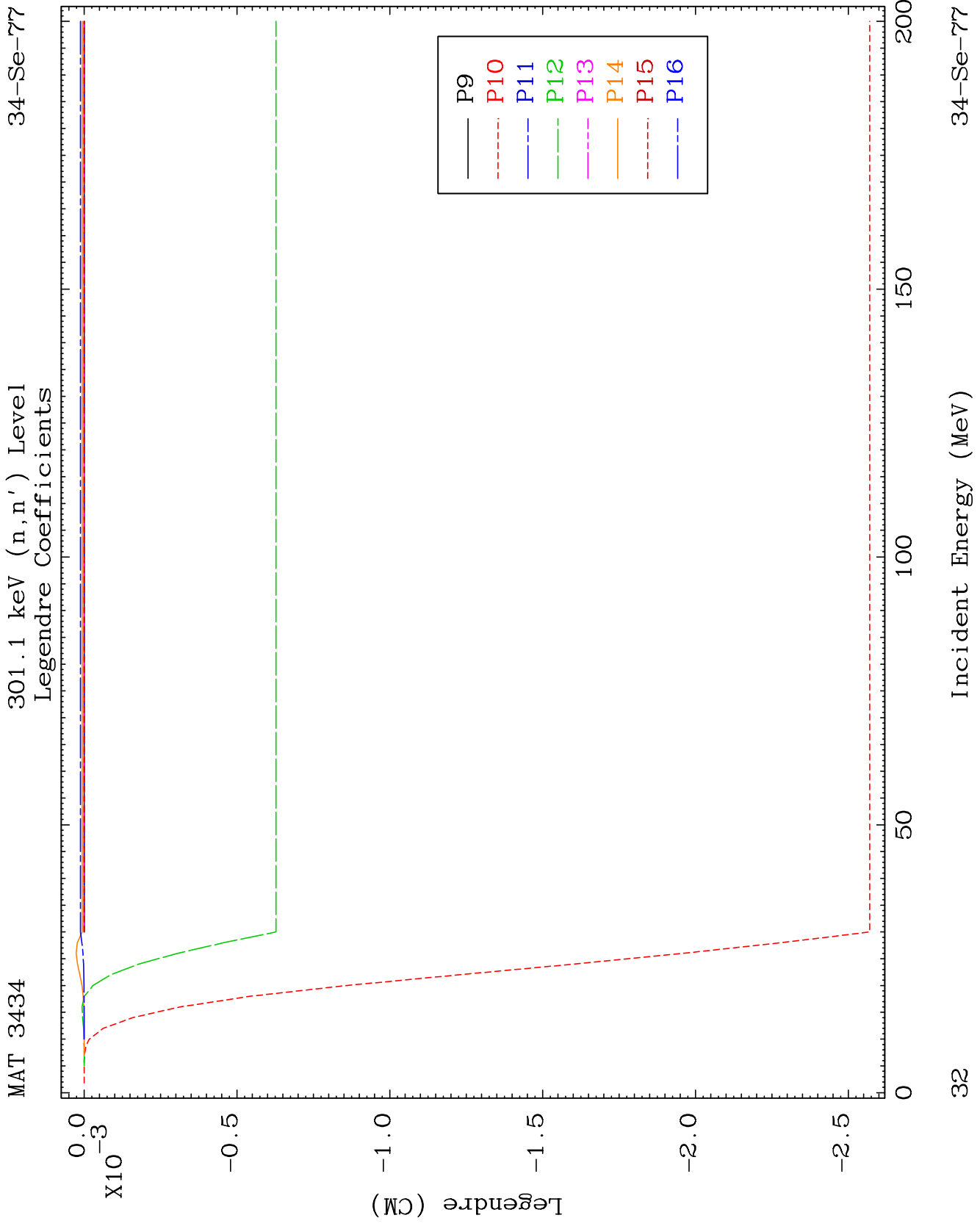


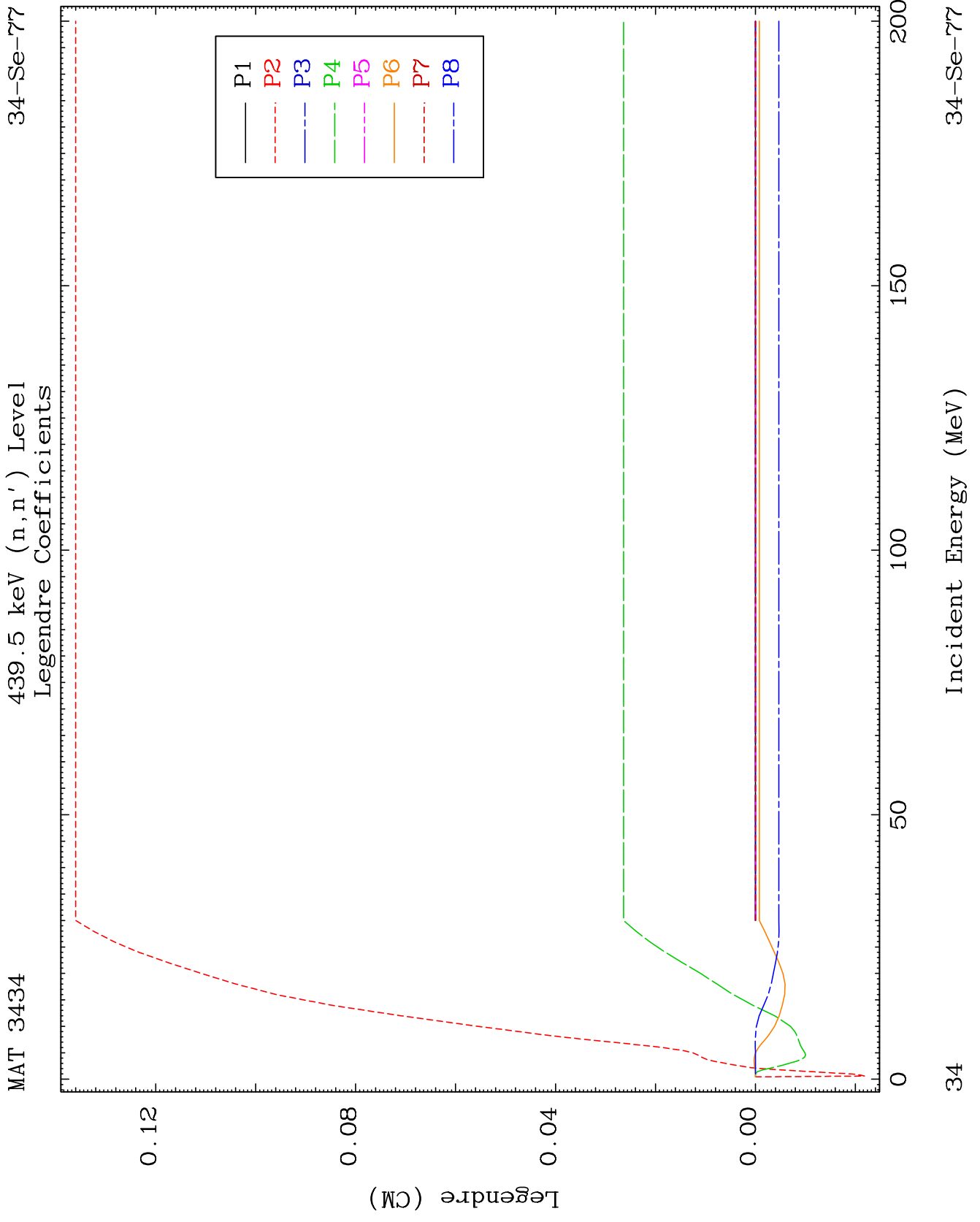


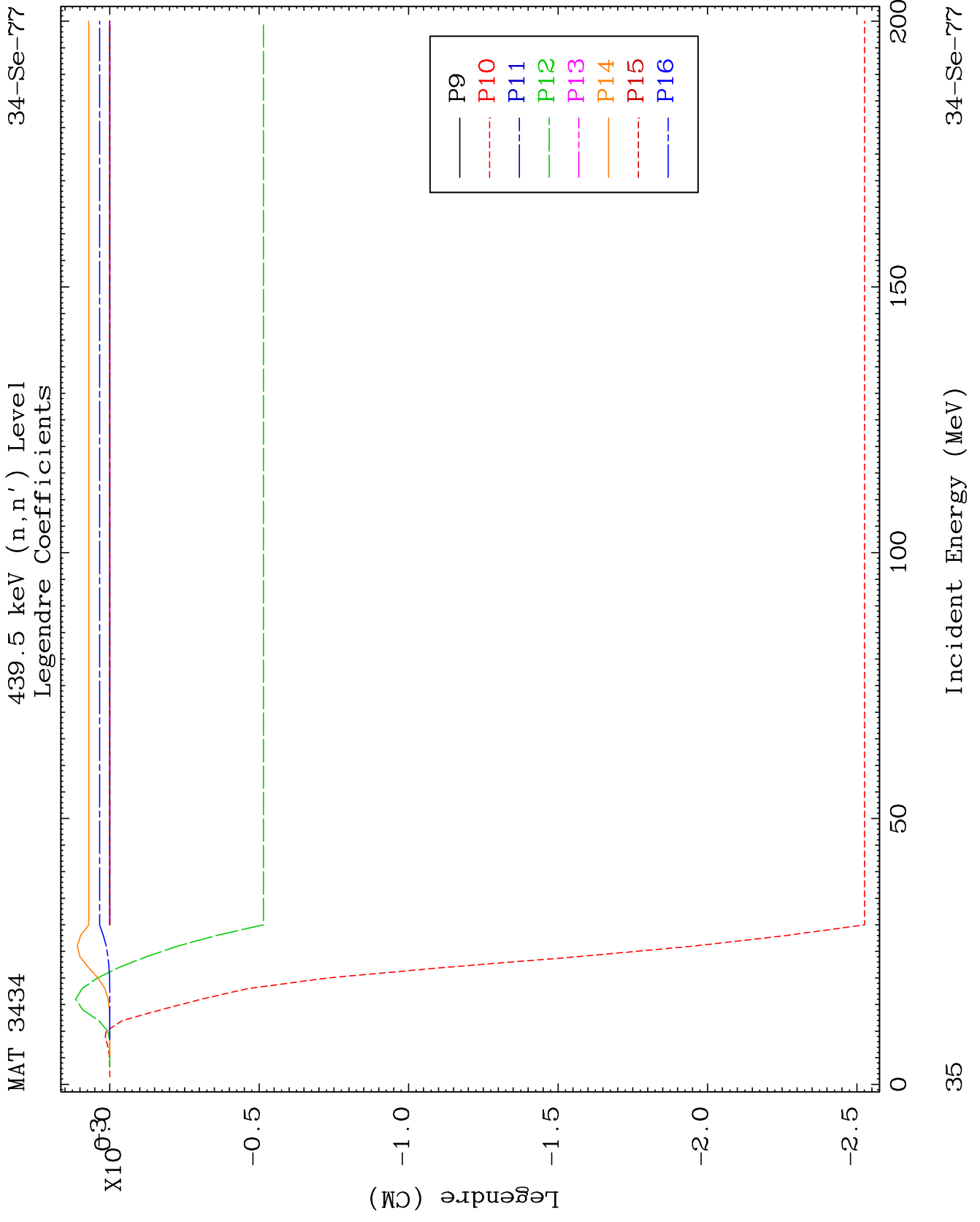


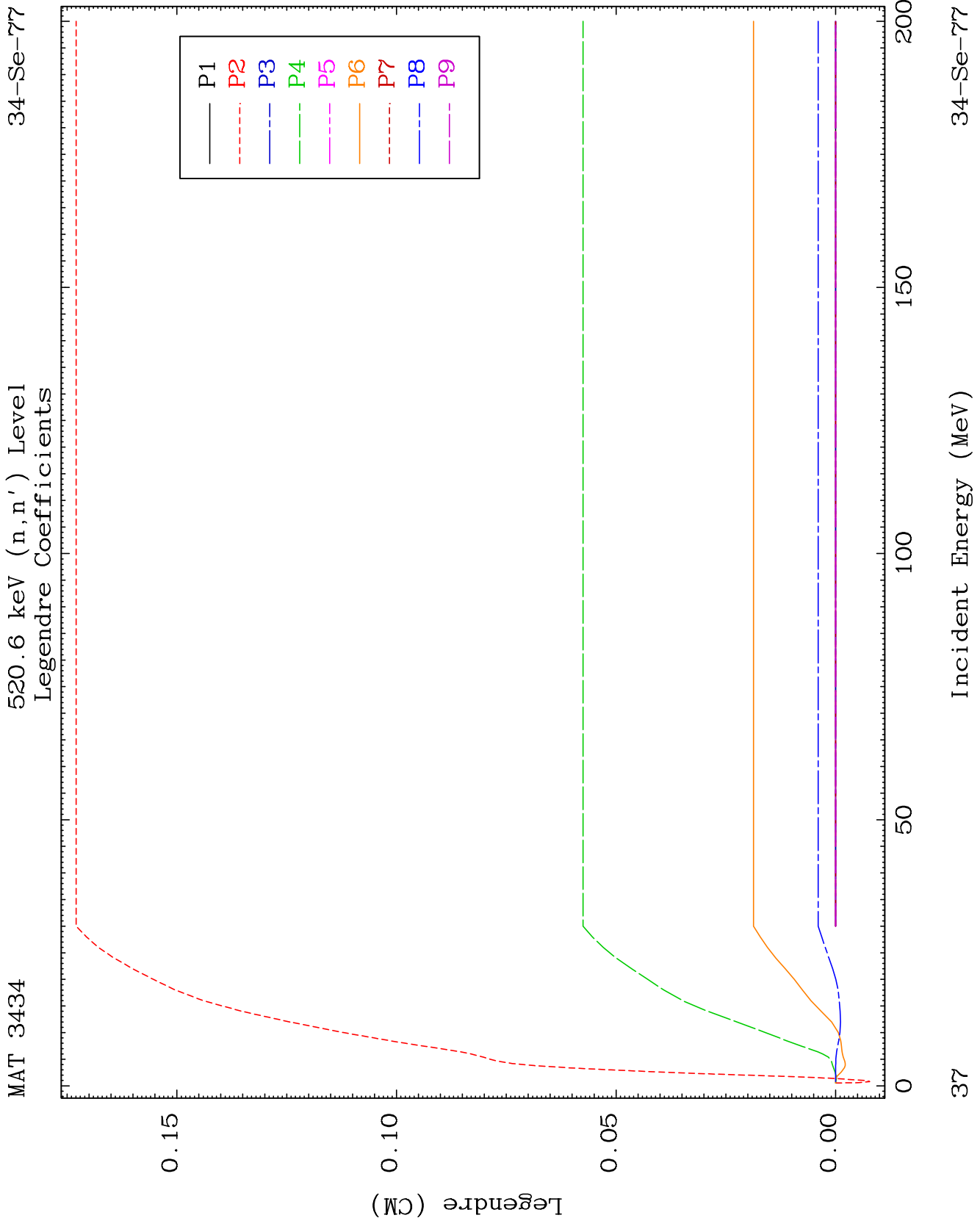


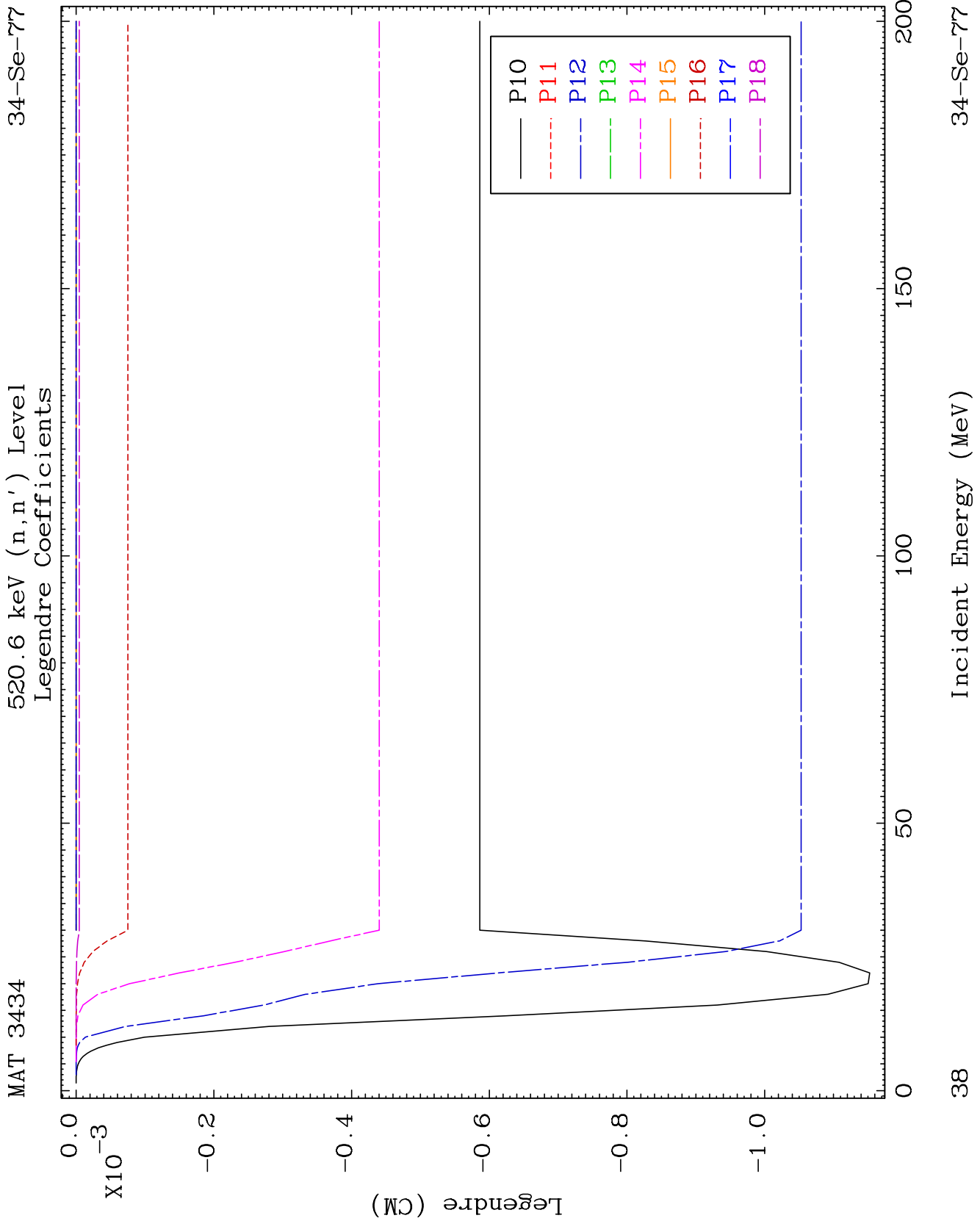


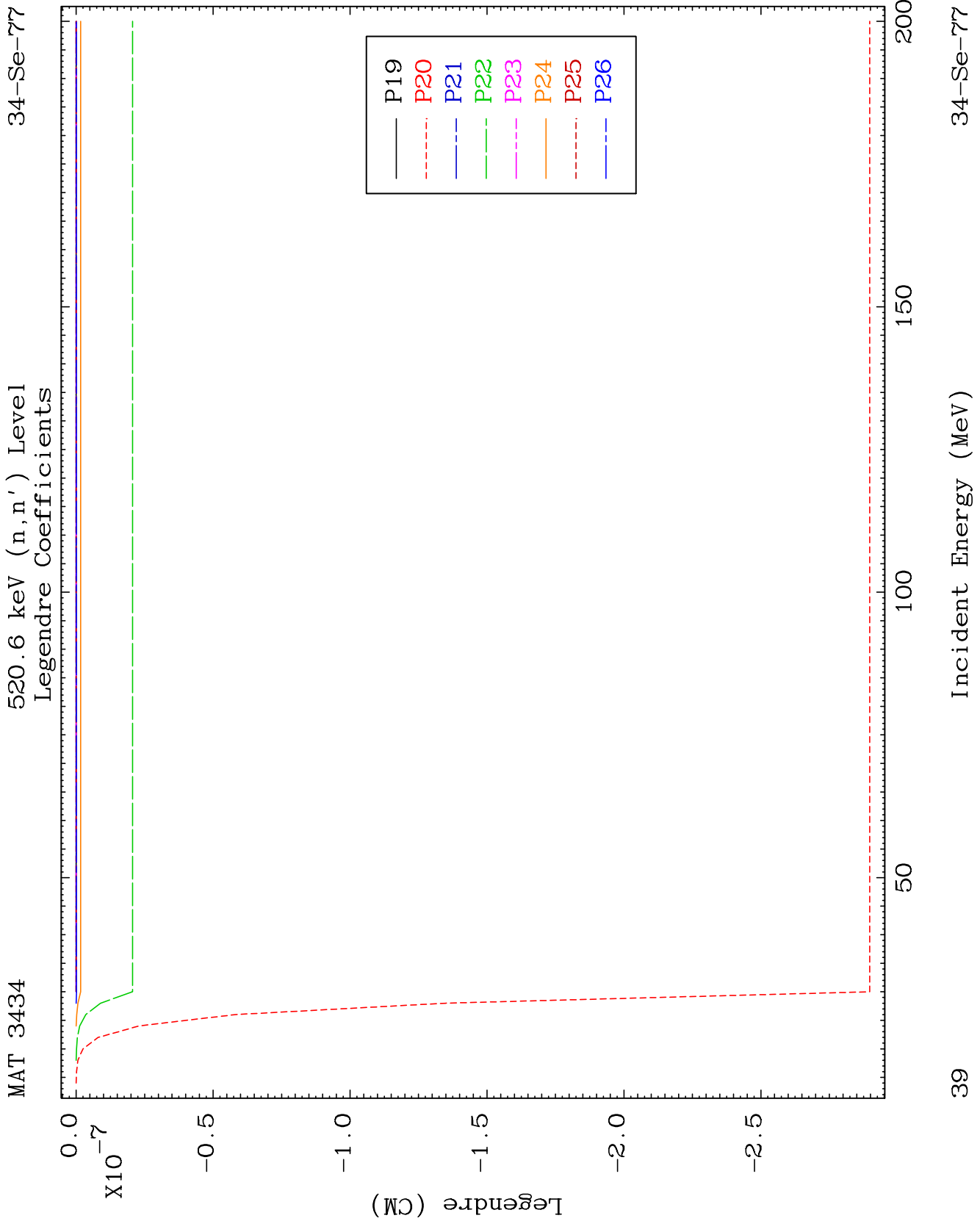








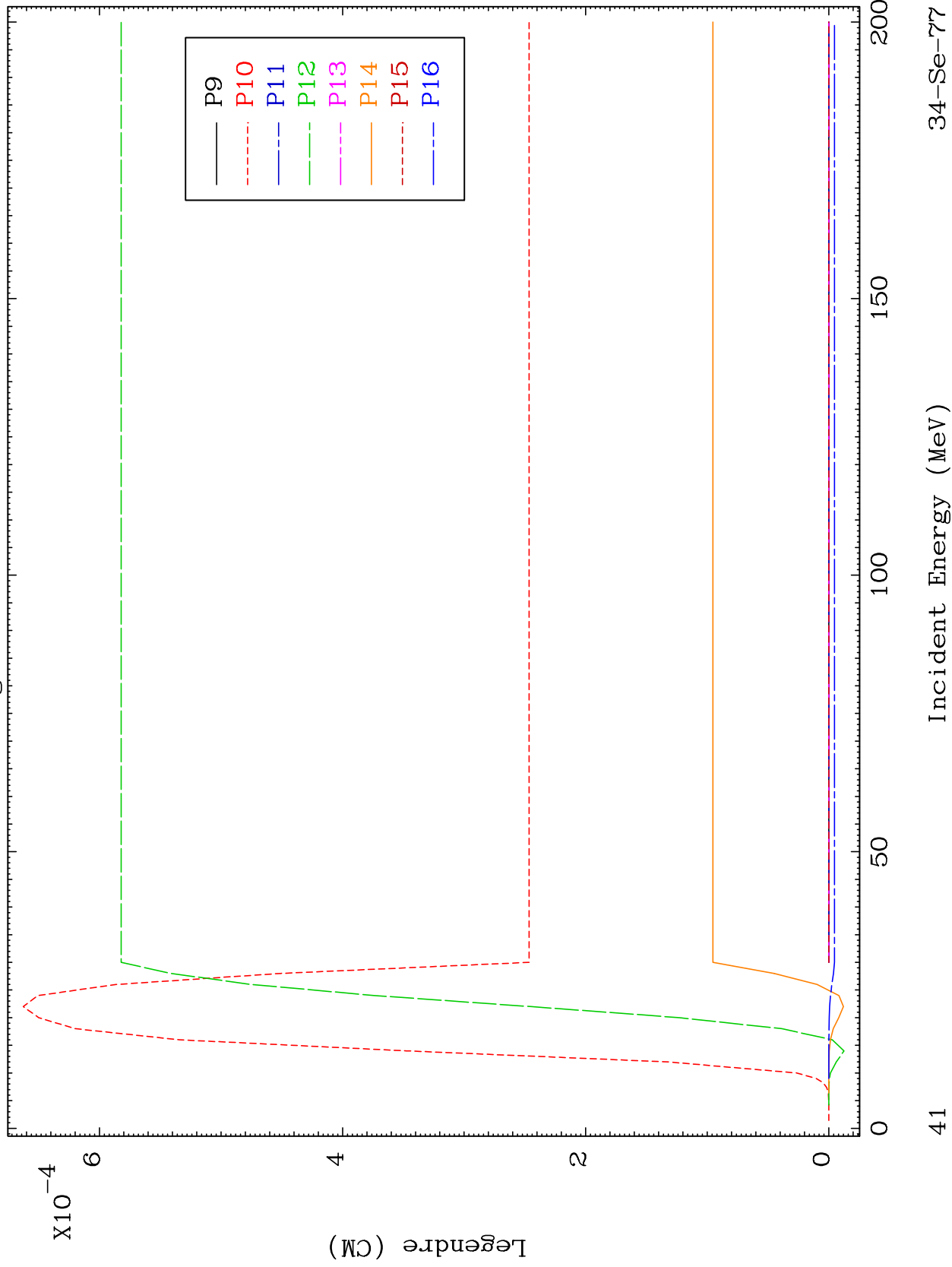




MAT 3434

581.0 keV (n,n') Level
Legendre Coefficients

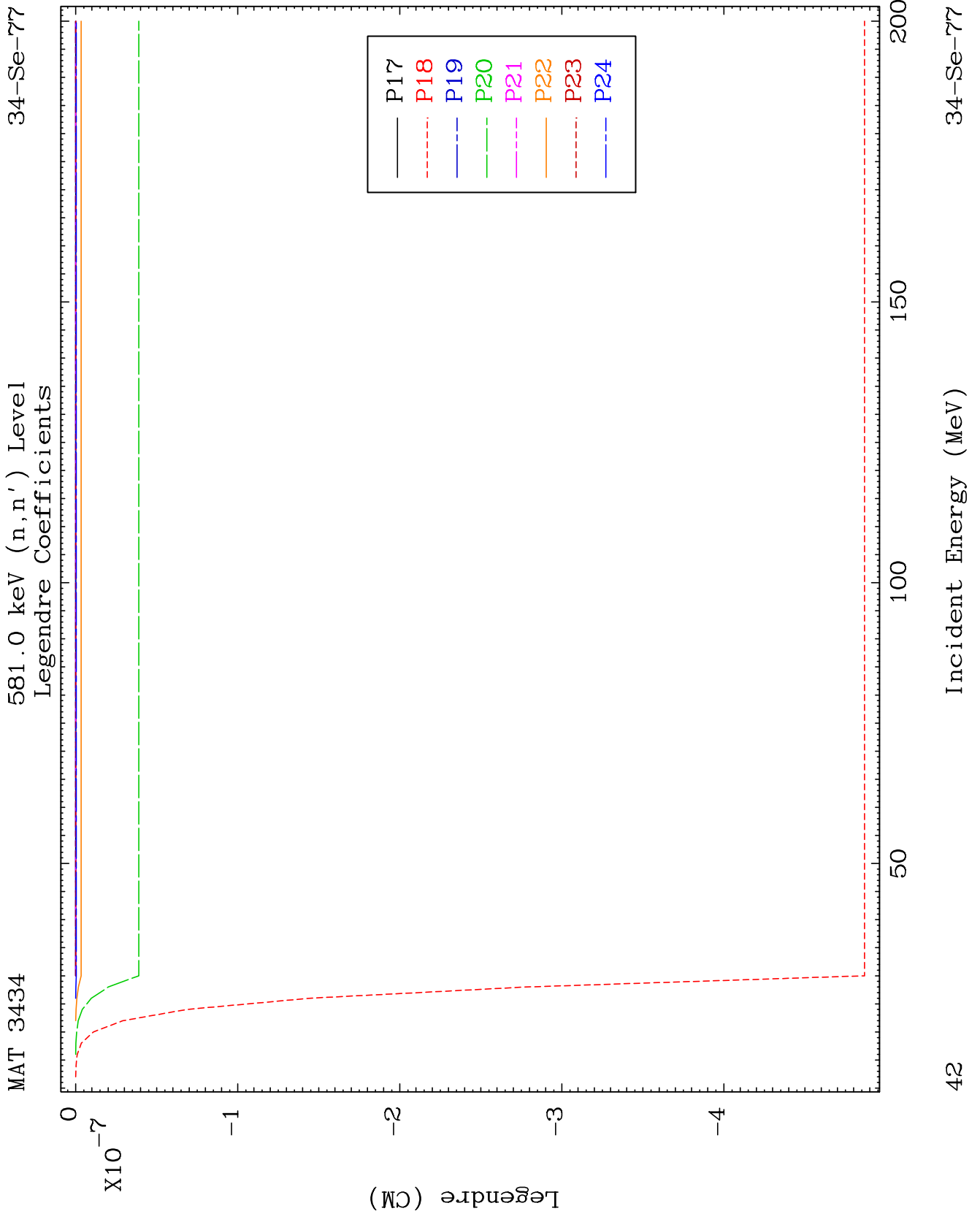
34-Se-77

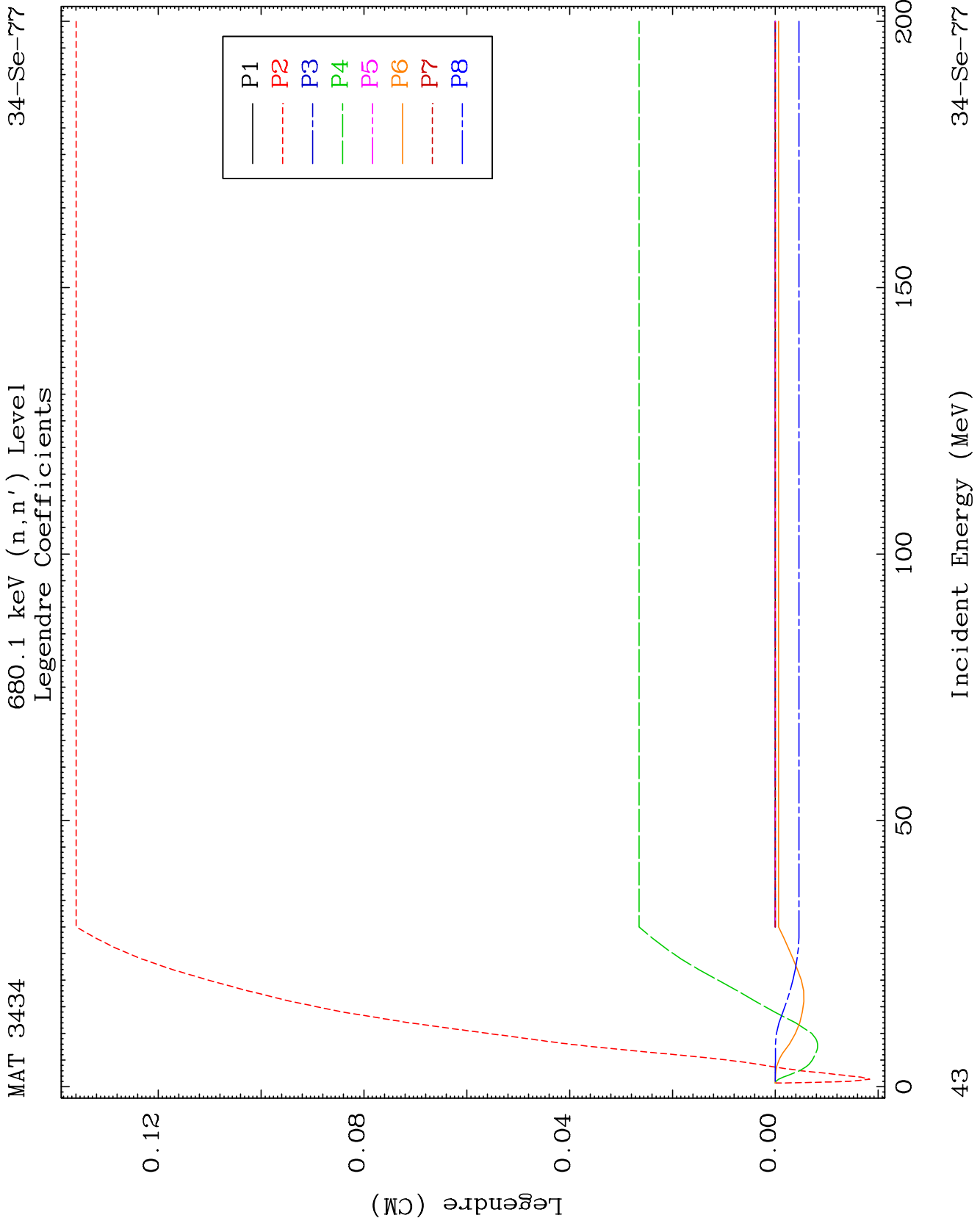


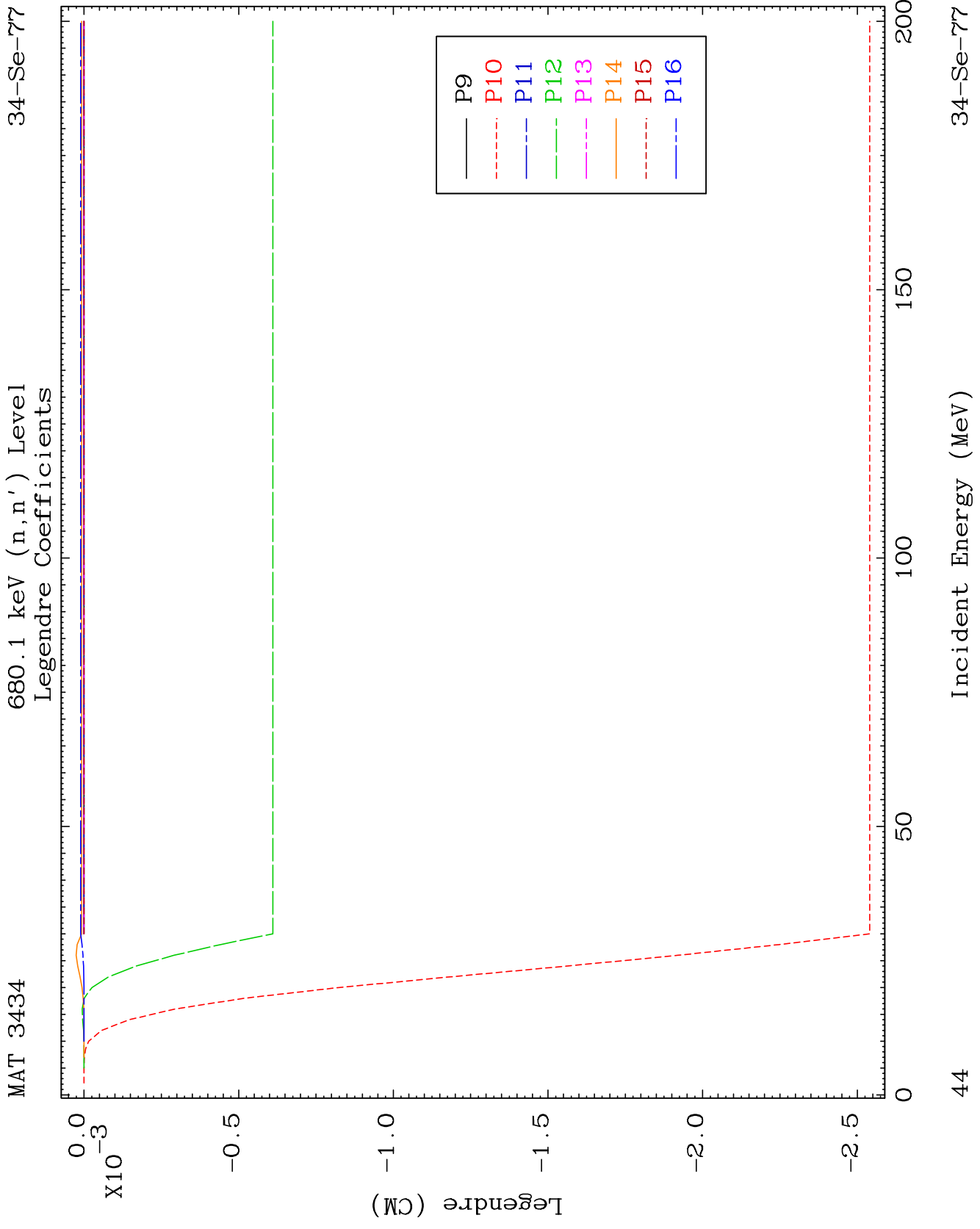
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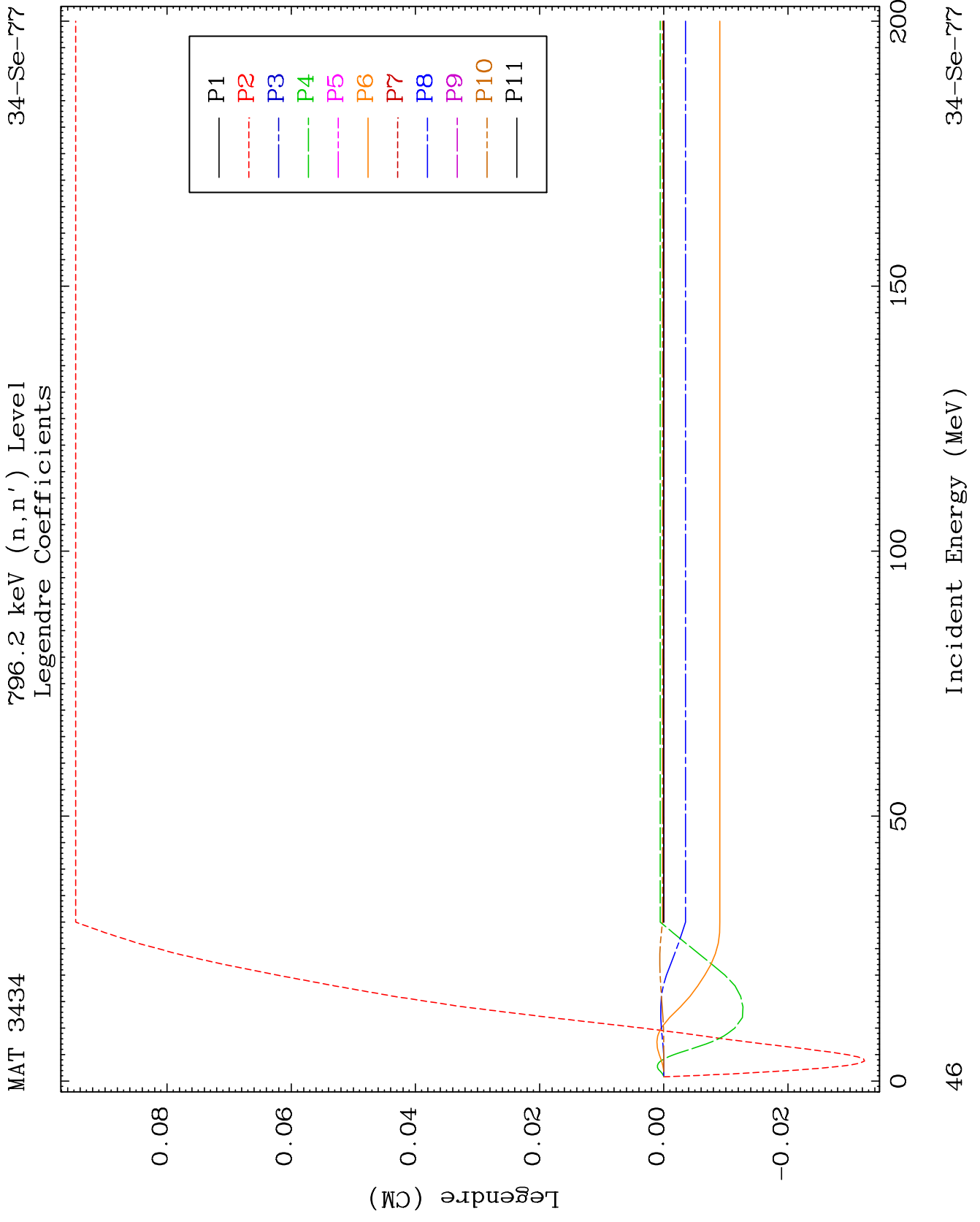
Incident Energy (MeV)

34-Se-77





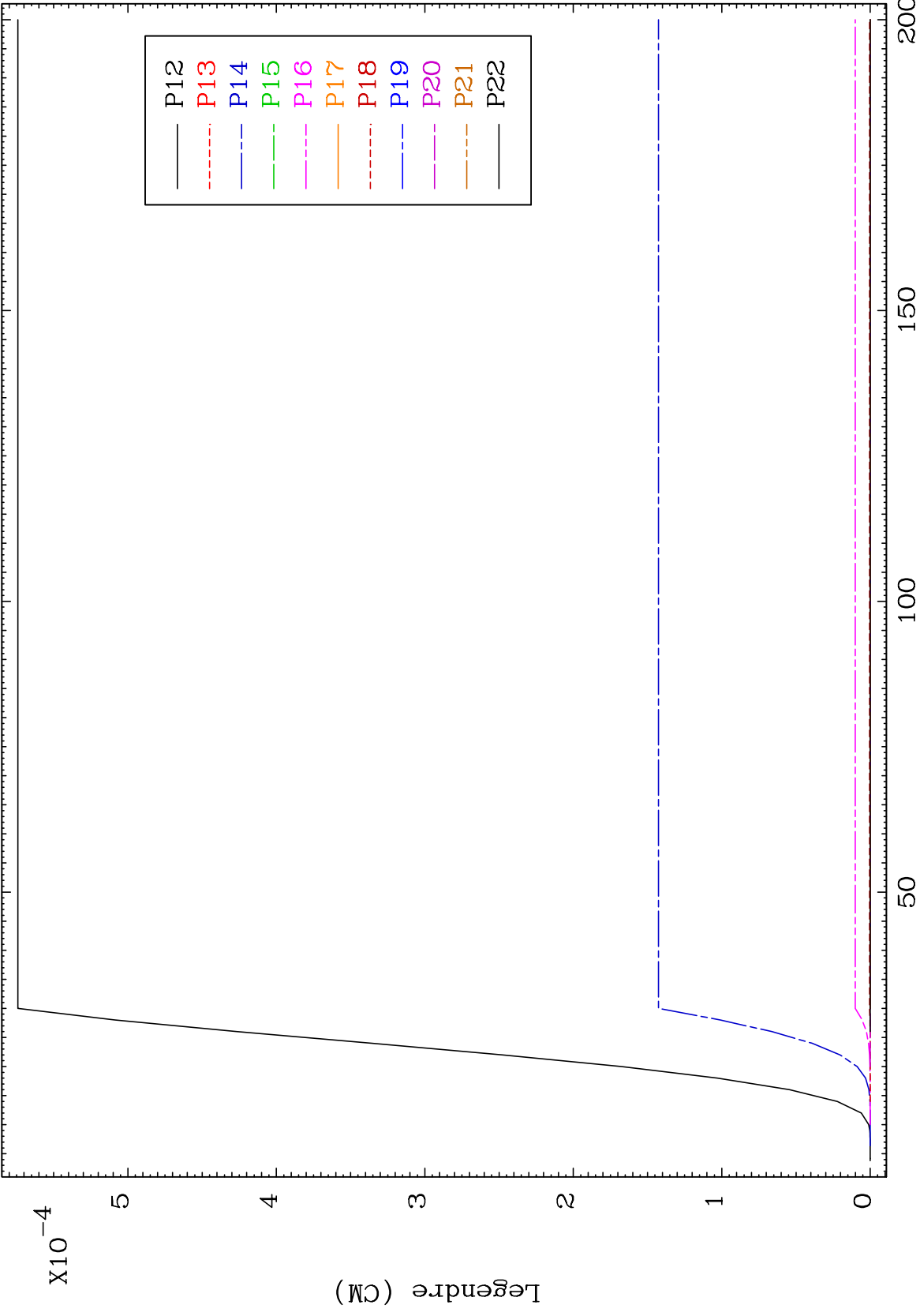




MAT 3434

796.2 keV (n,n') Level
Legendre Coefficients

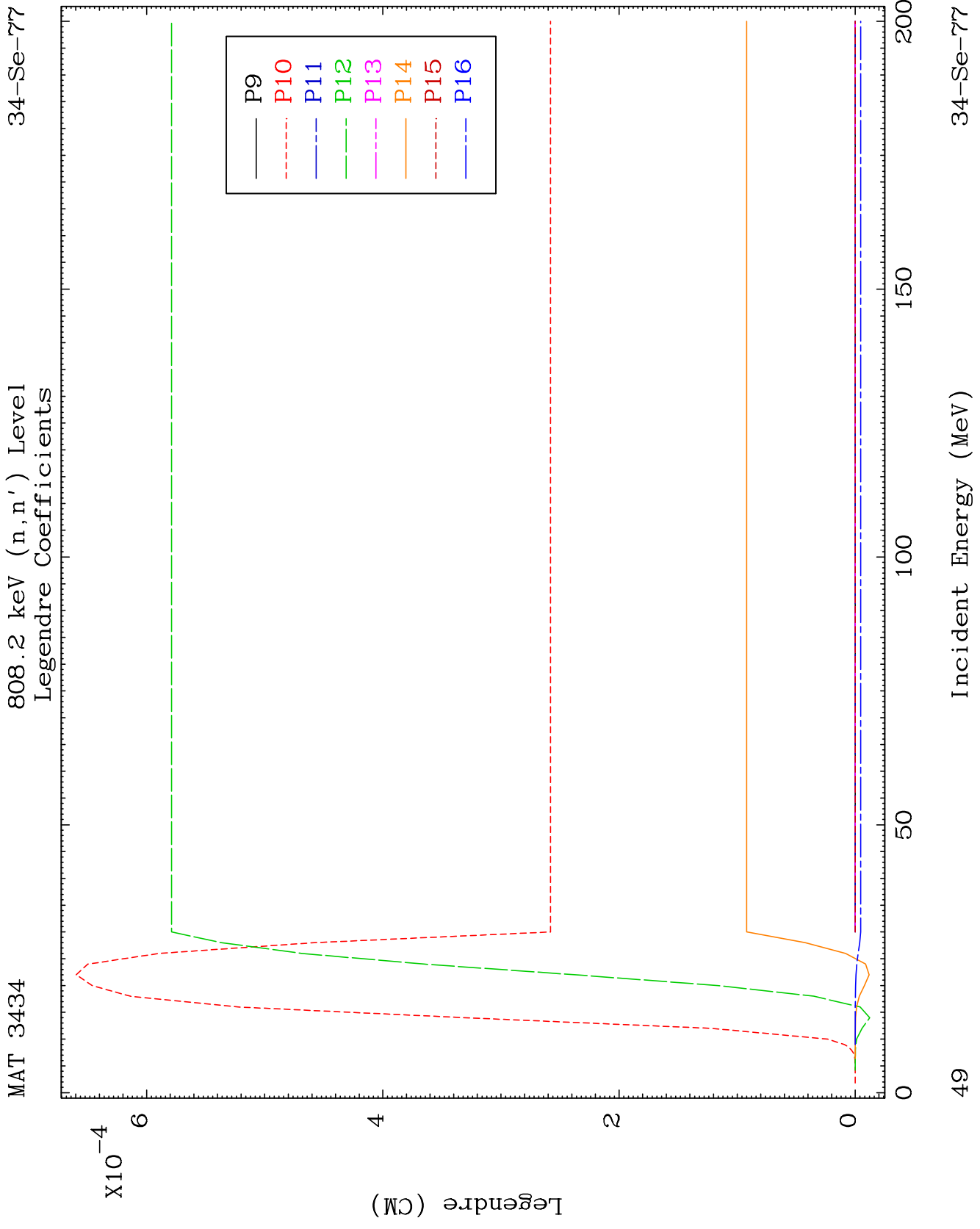
34-Se-77

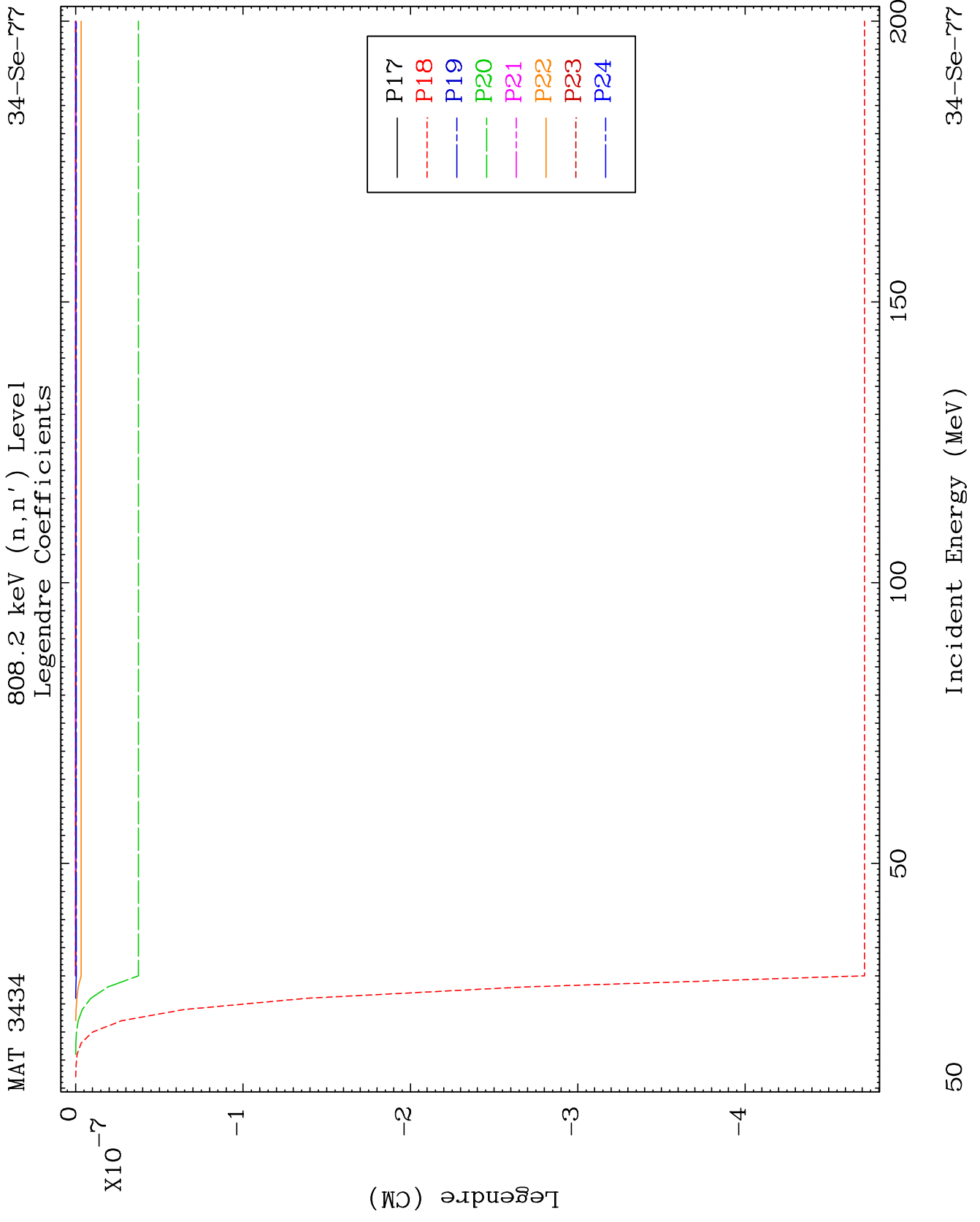


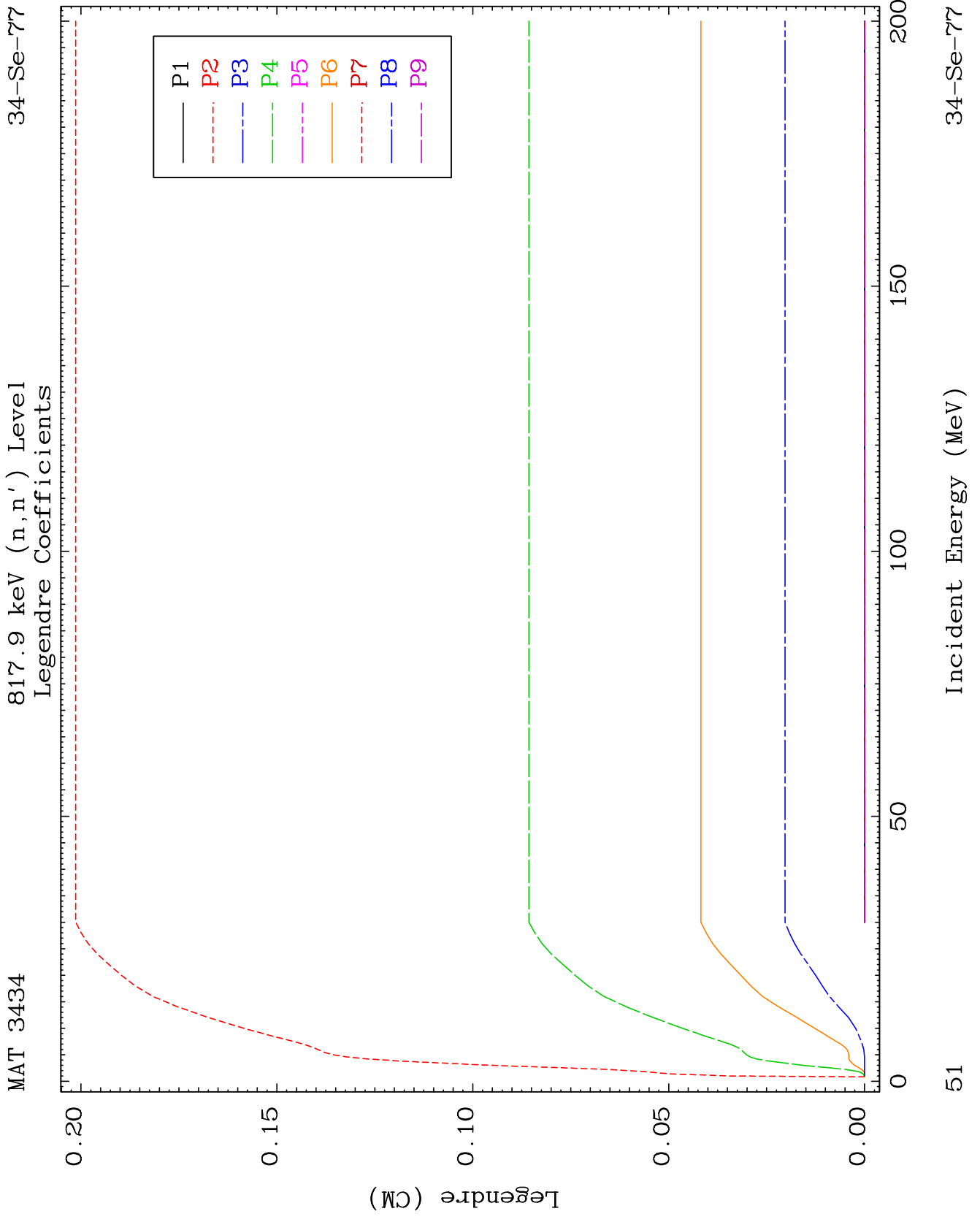
47

Incident Energy (MeV)

34-Se-77



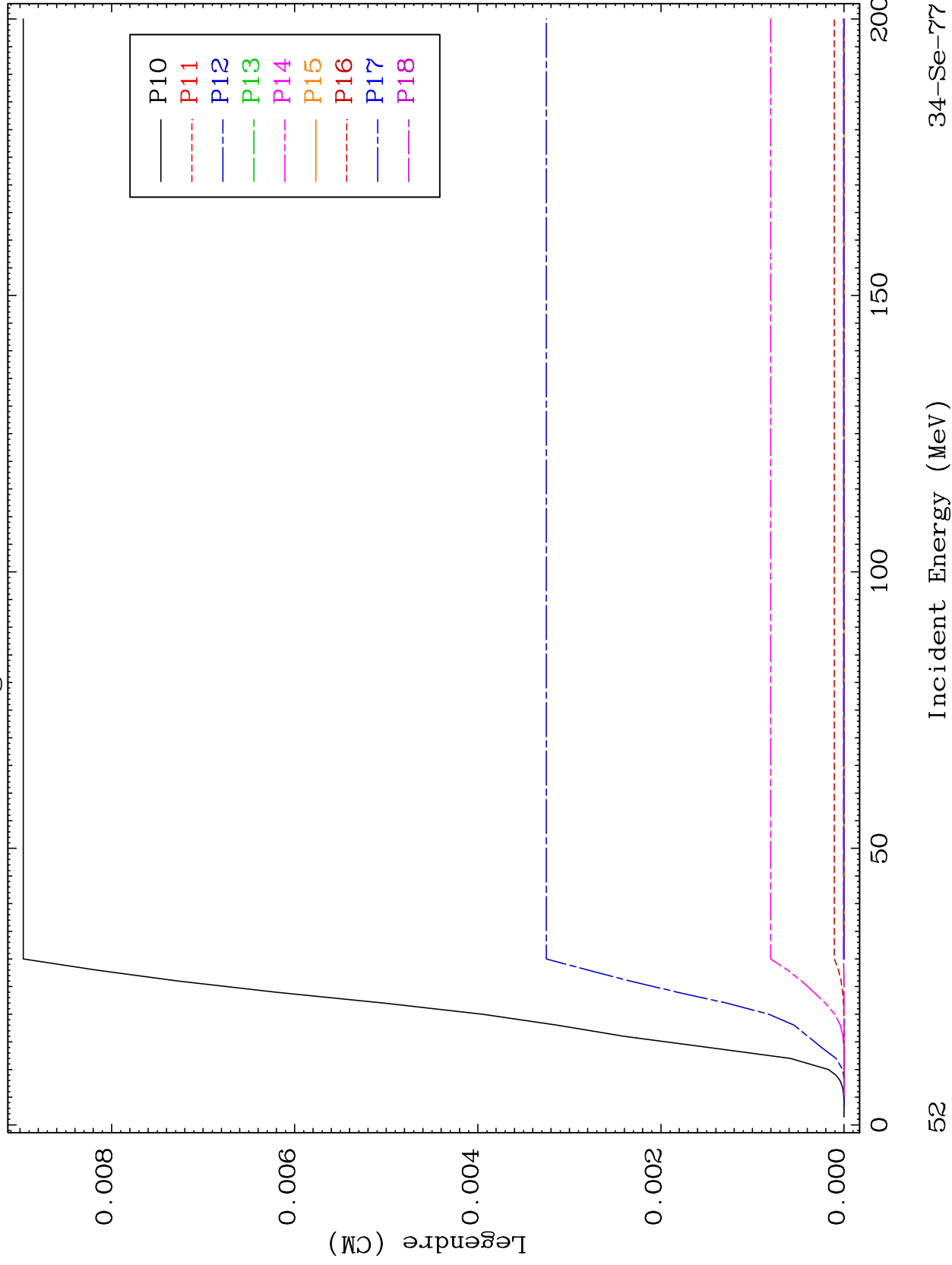




MAT 3434

817.9 keV (n,n') Level
Legendre Coefficients

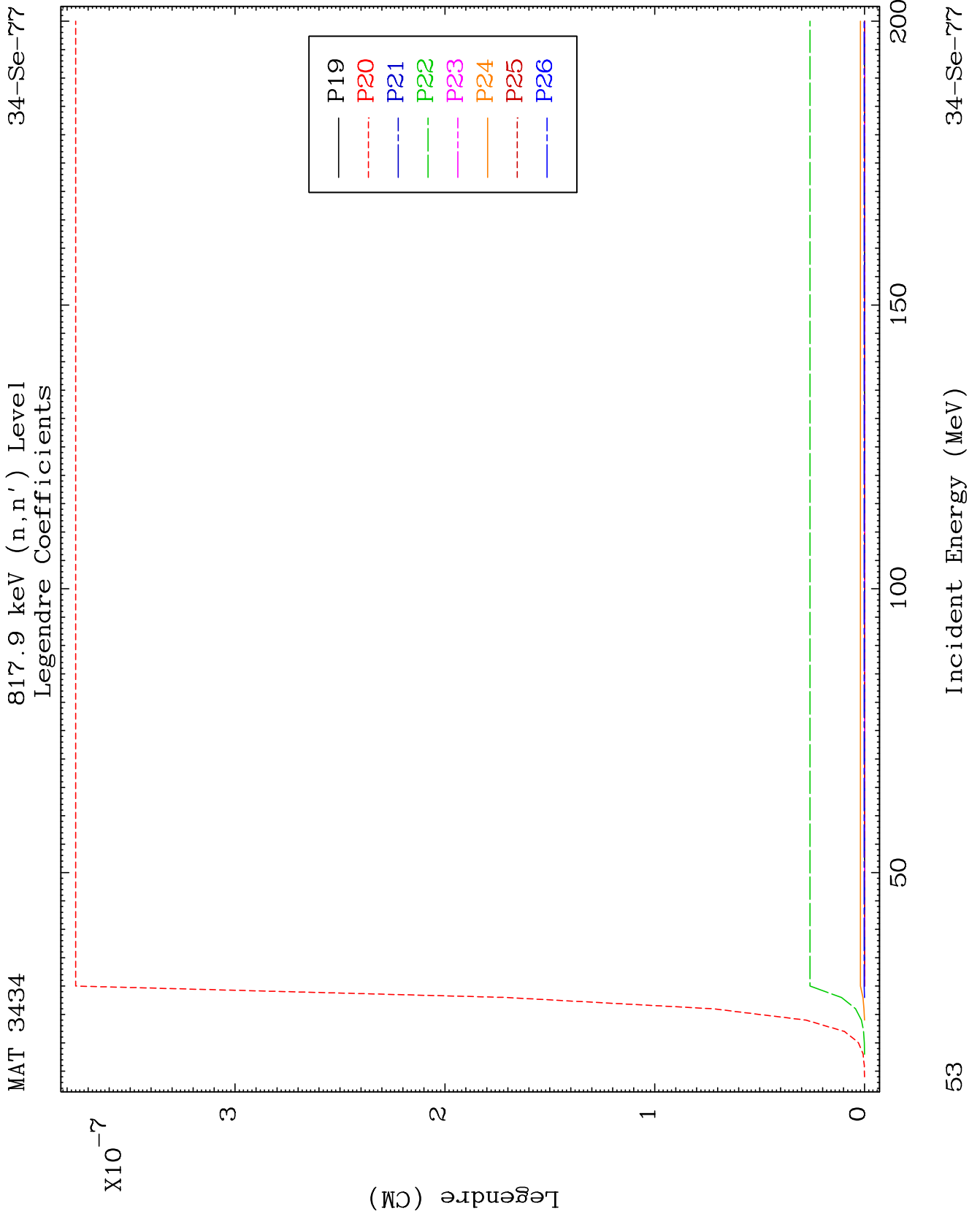
³⁴Se-77

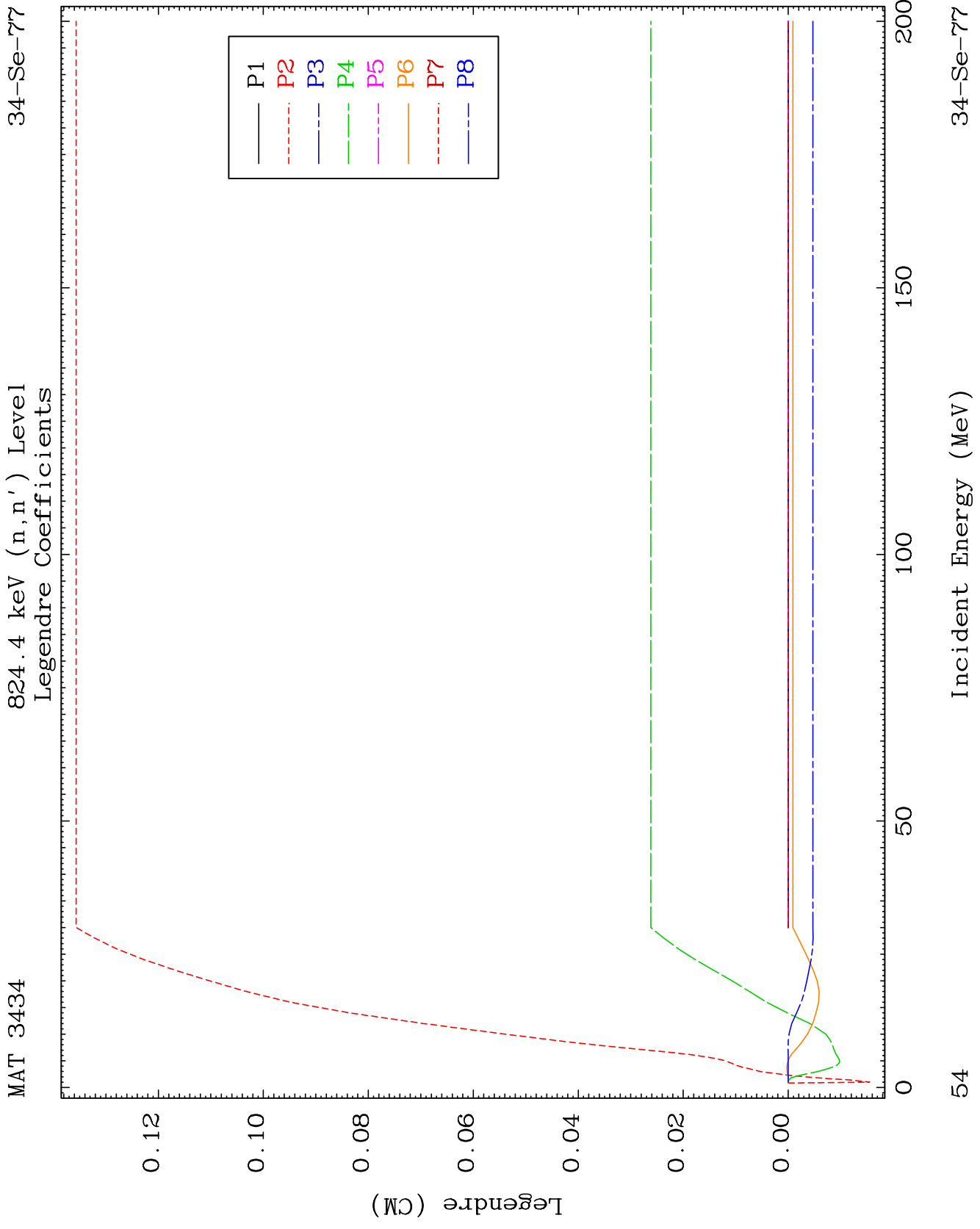


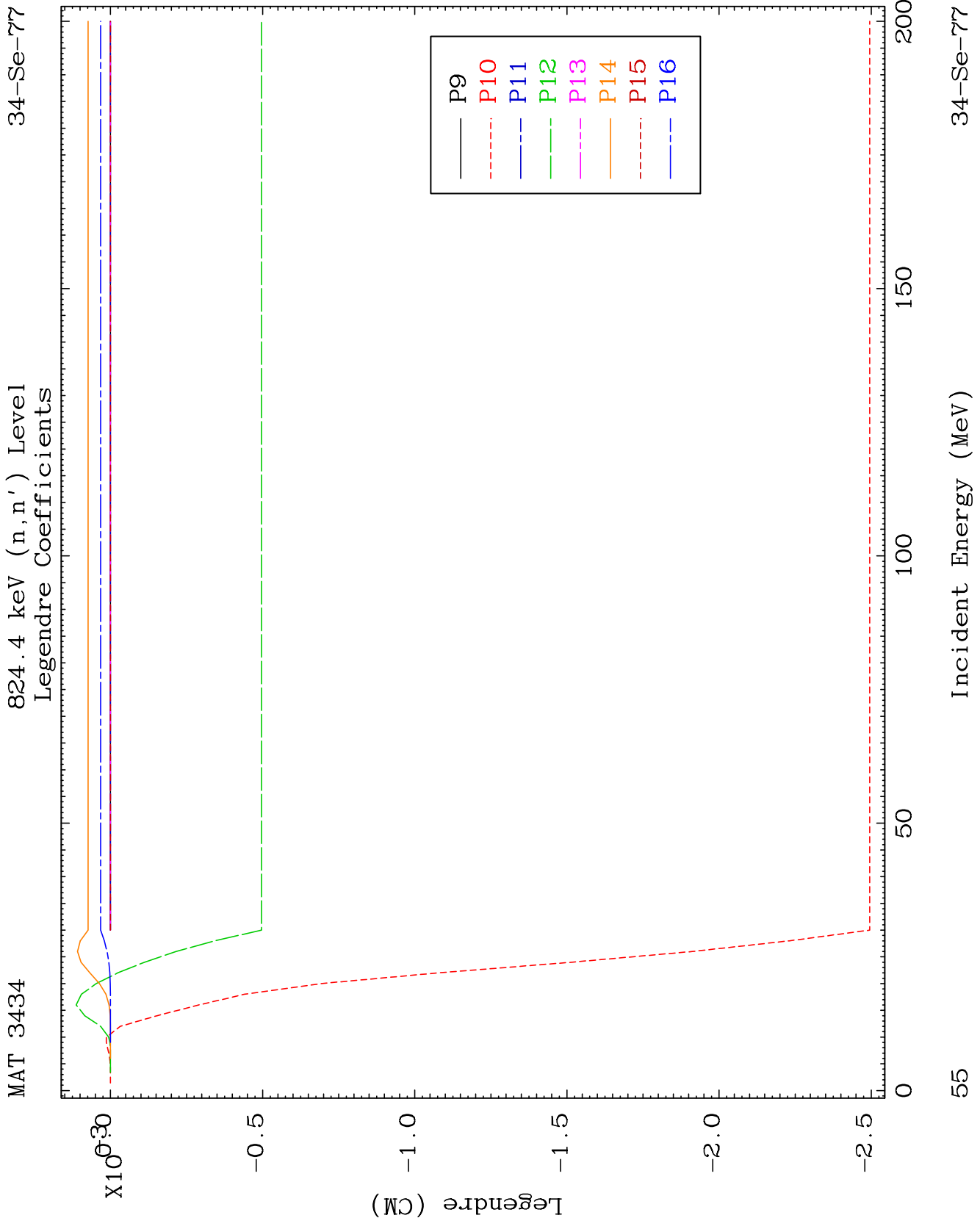
³⁴Se-77

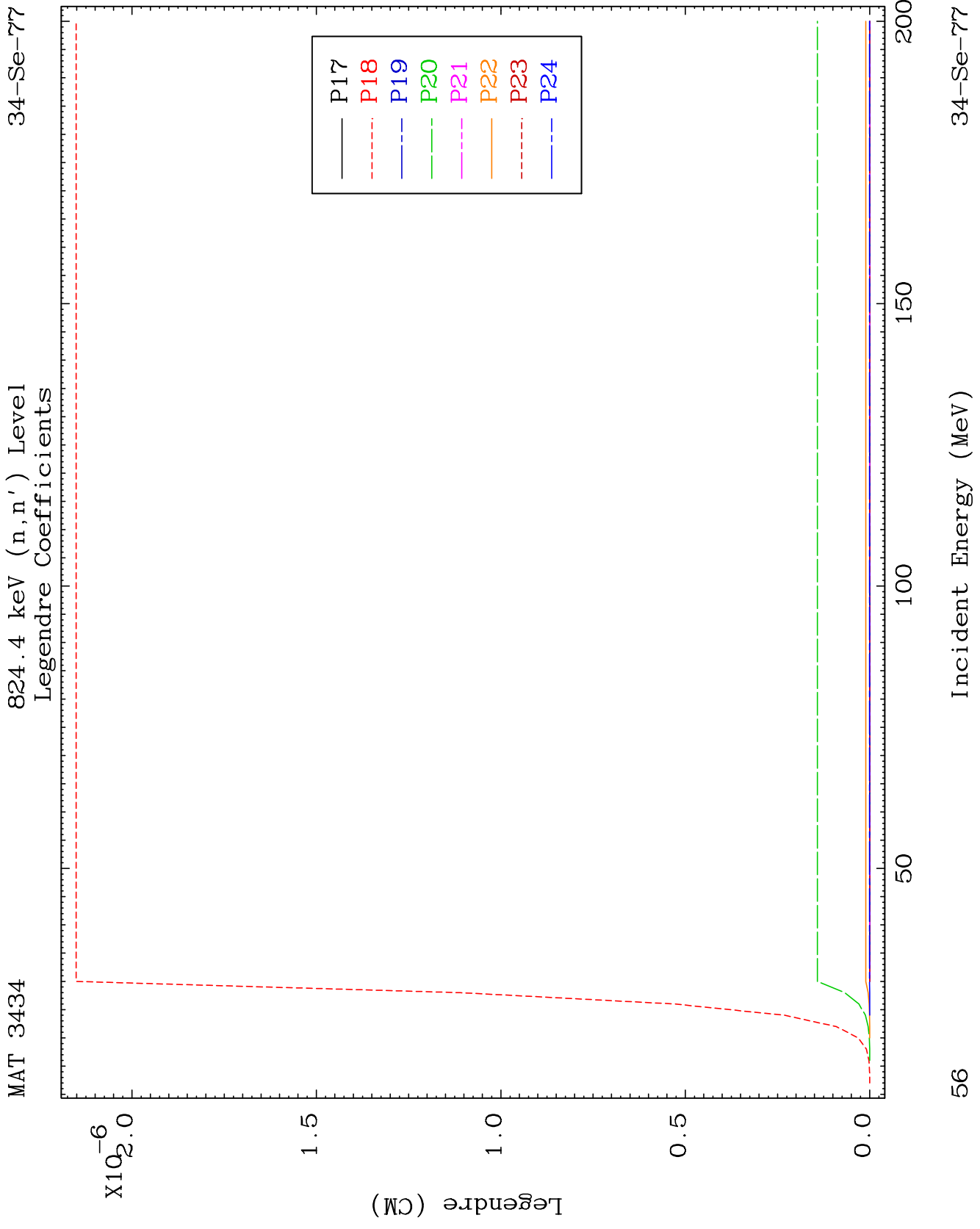
Incident Energy (MeV)

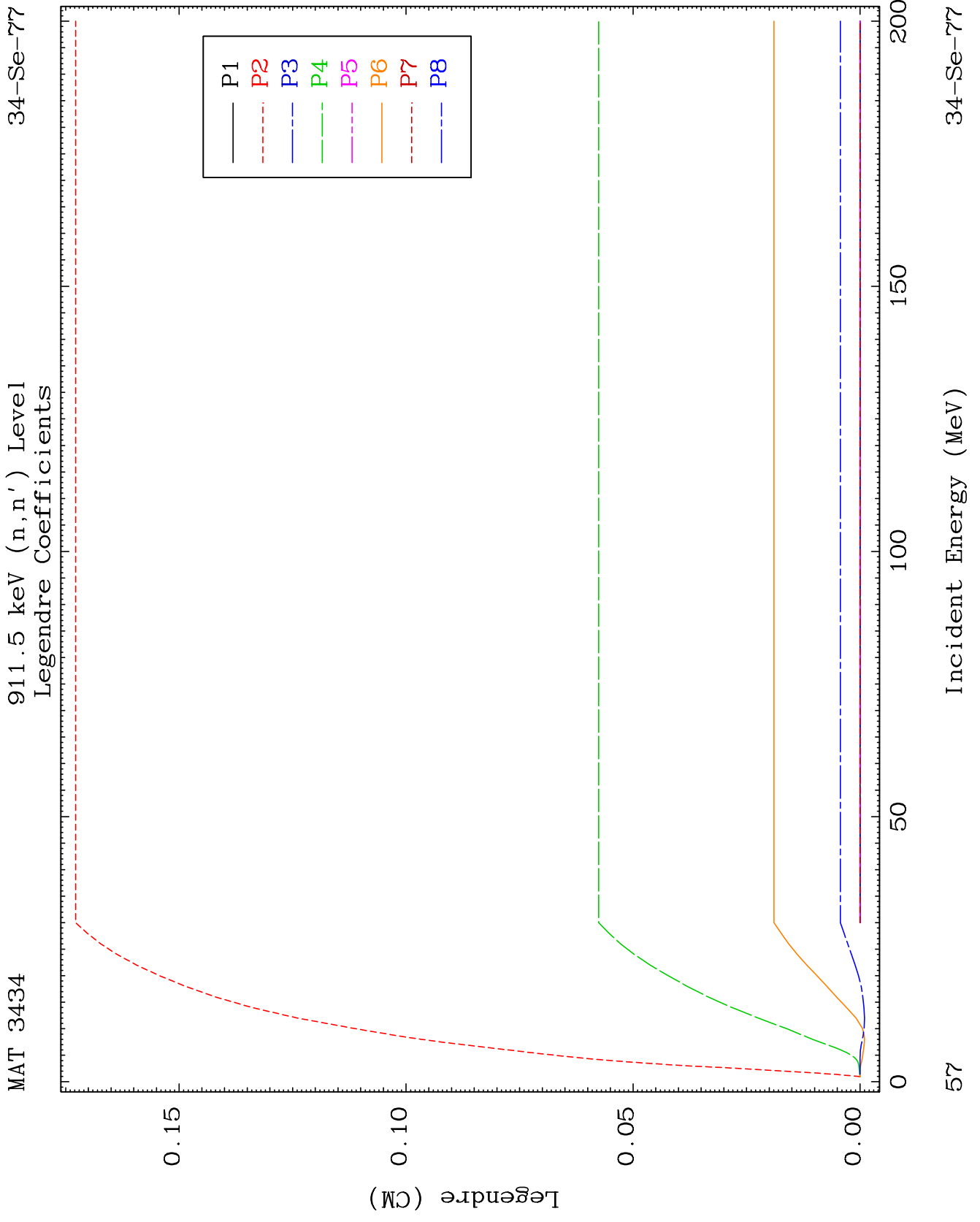
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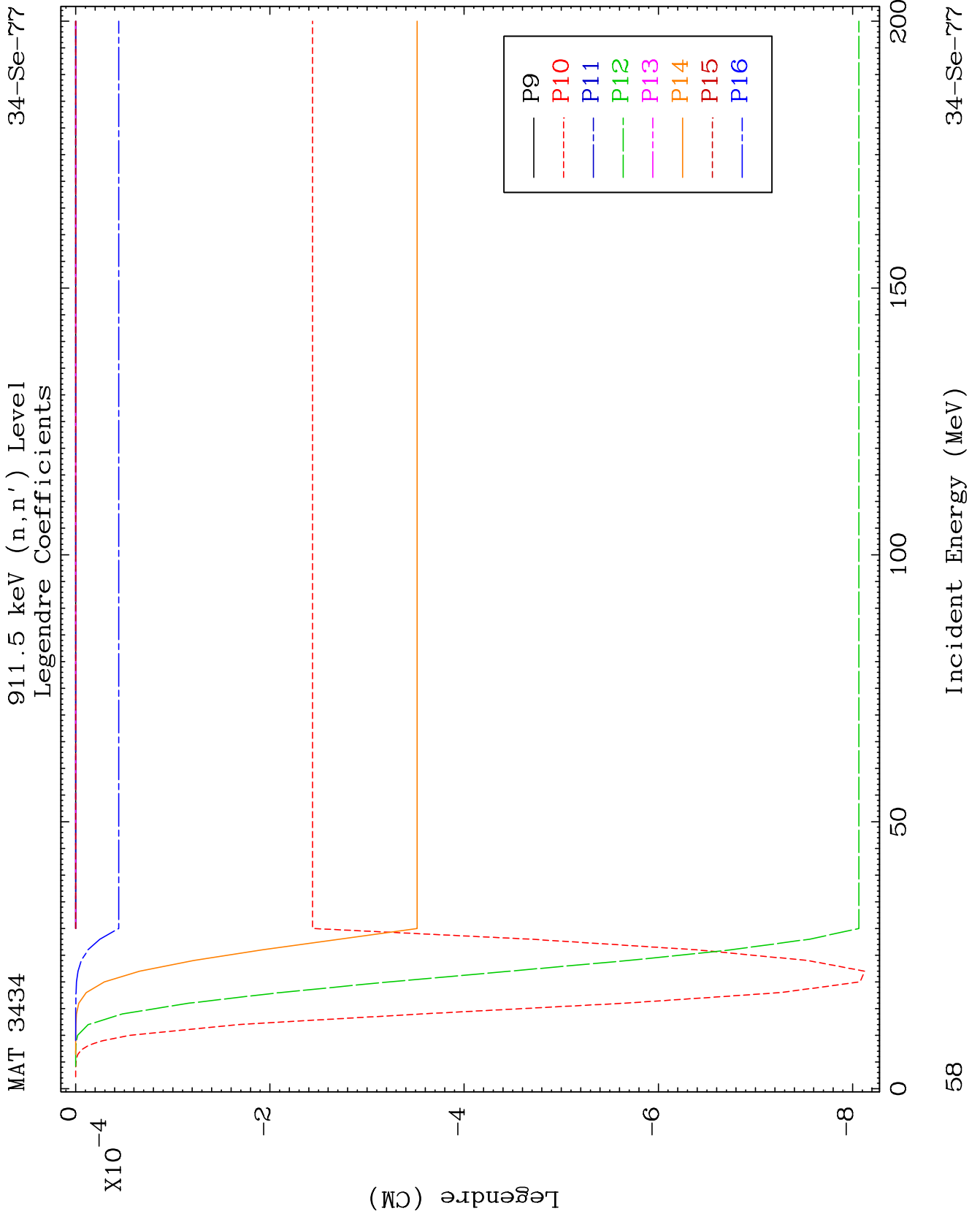


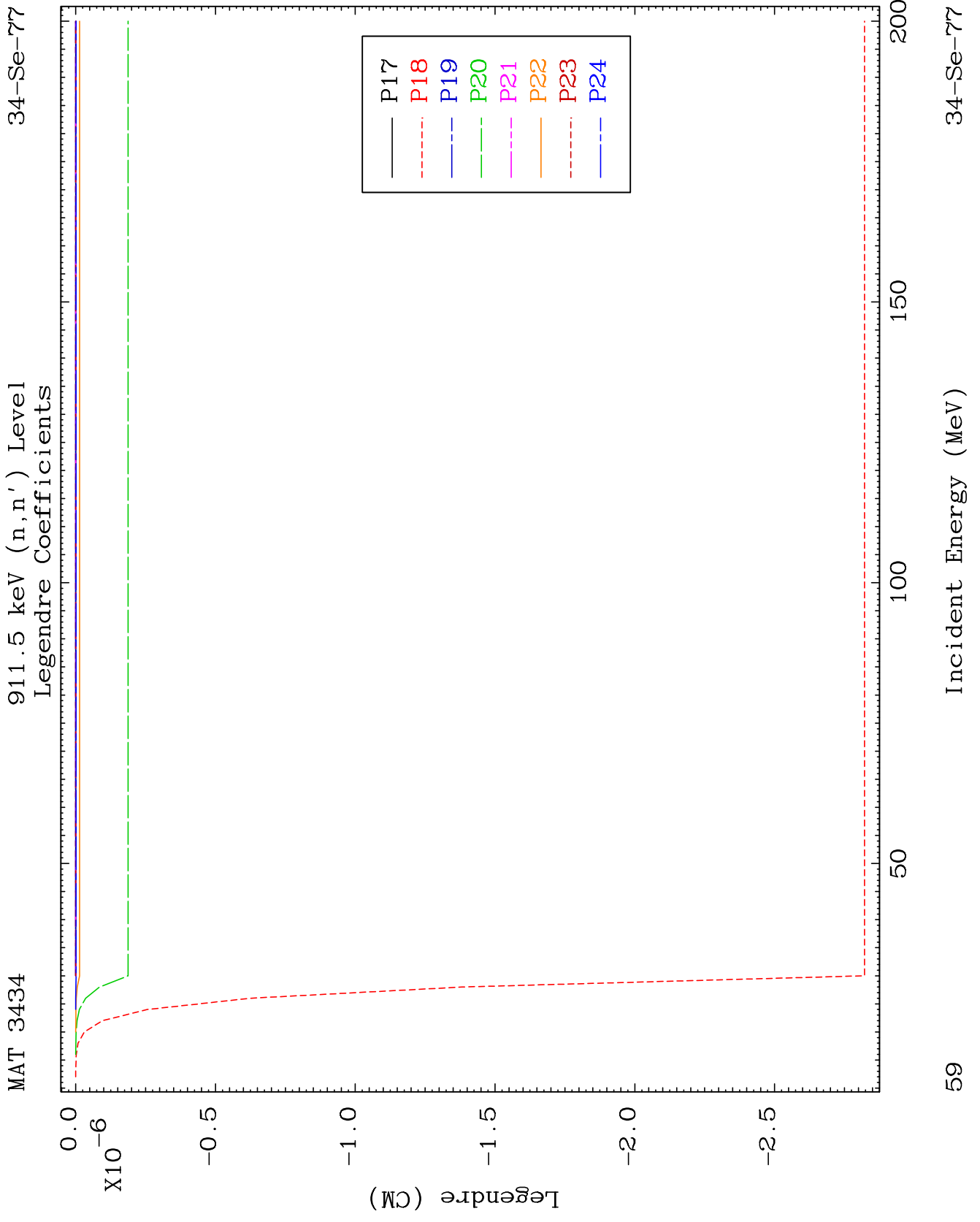


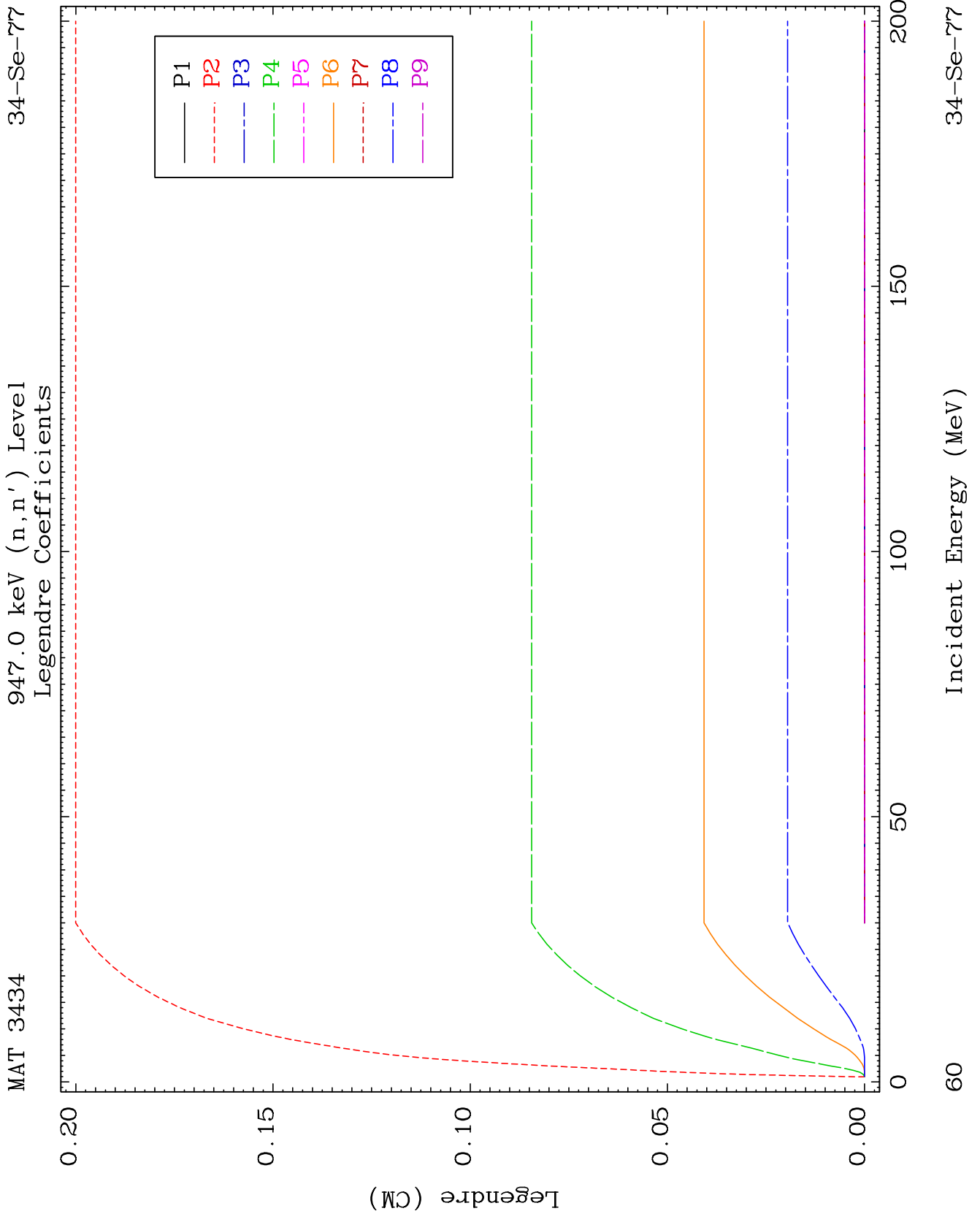








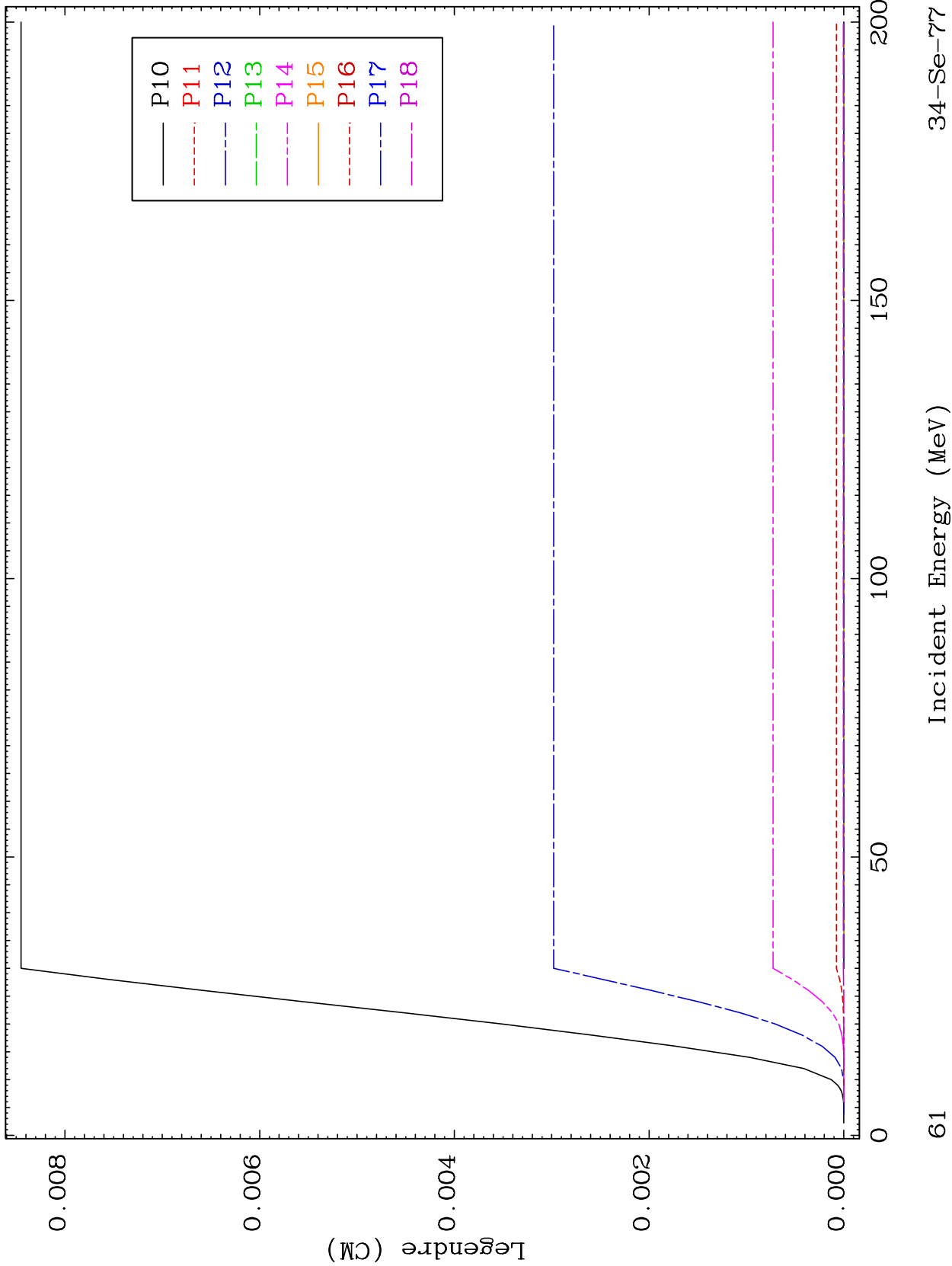




MAT 3434

947.0 keV (n,n') Level
Legendre Coefficients

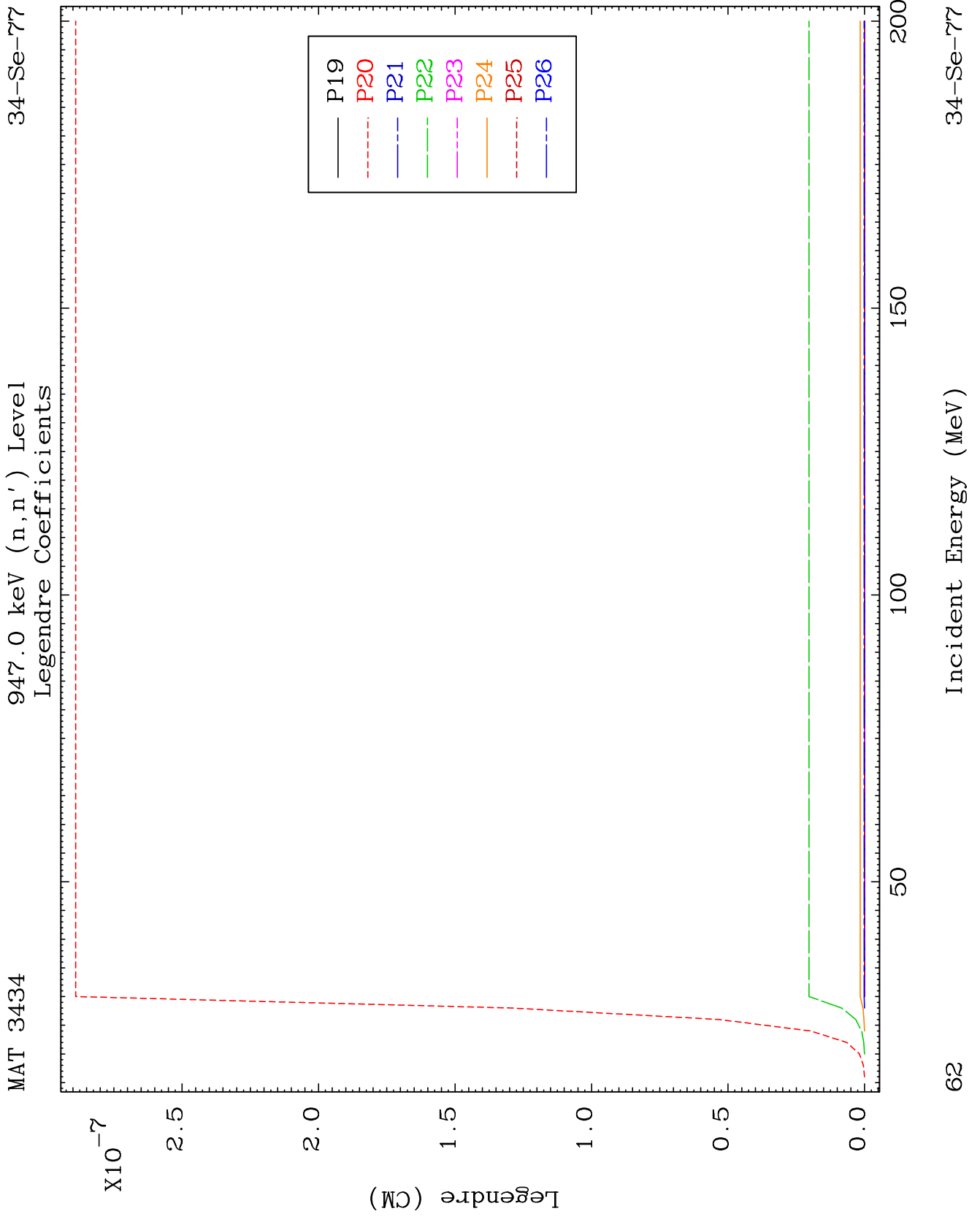
34-Se-77

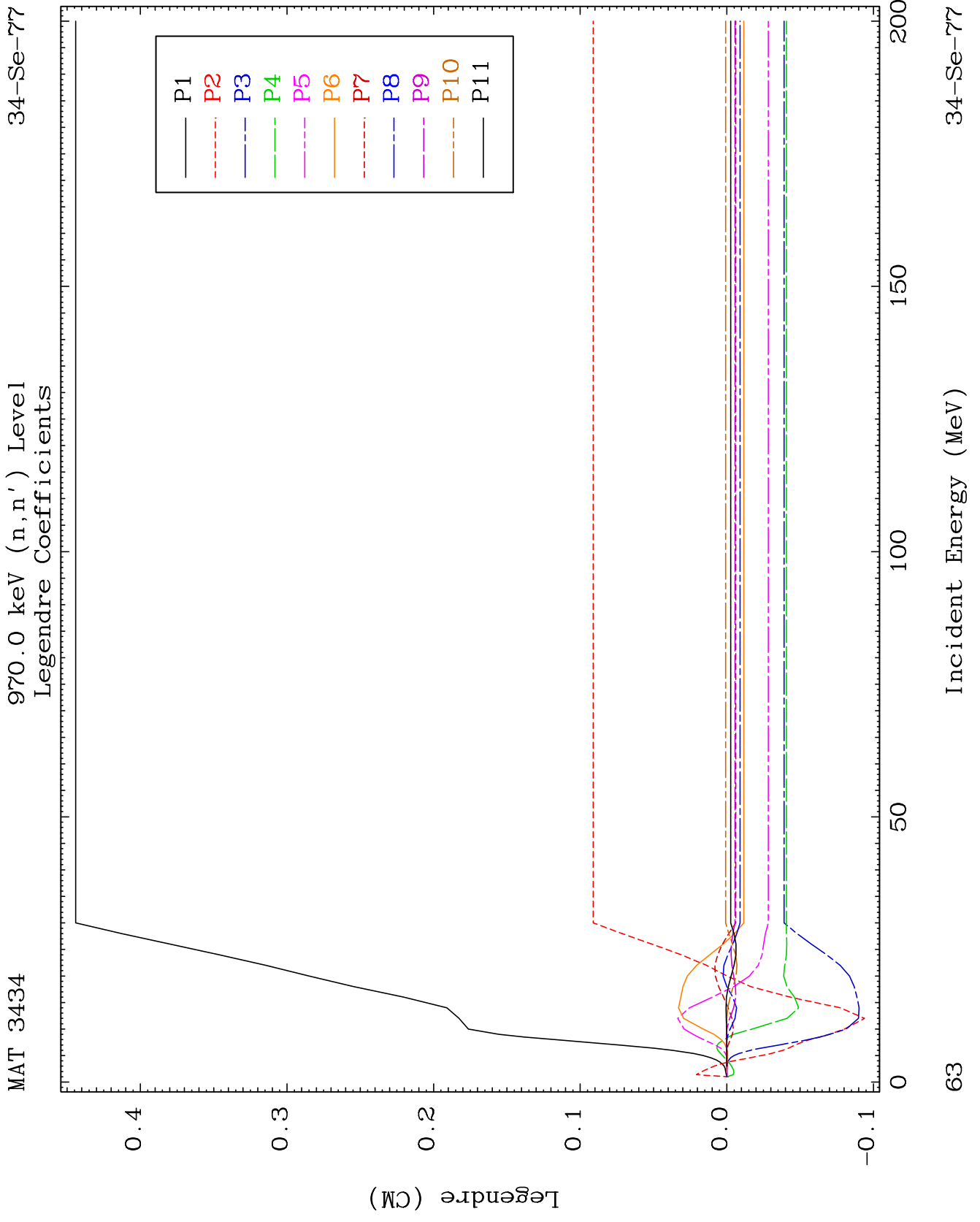


61

Incident Energy (MeV)

34-Se-77

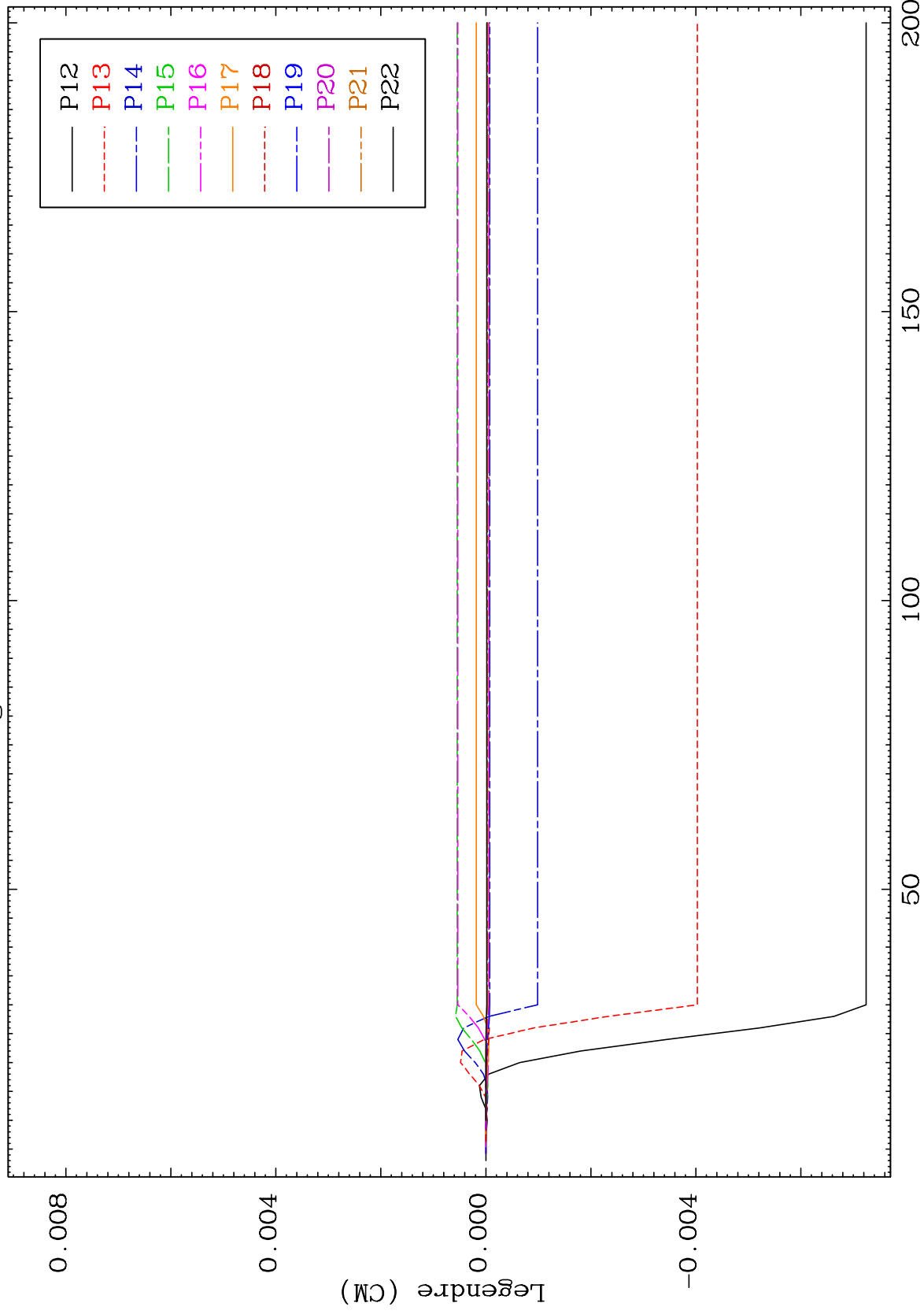




MAT 3434

970.0 keV (n,n') Level
Legendre Coefficients

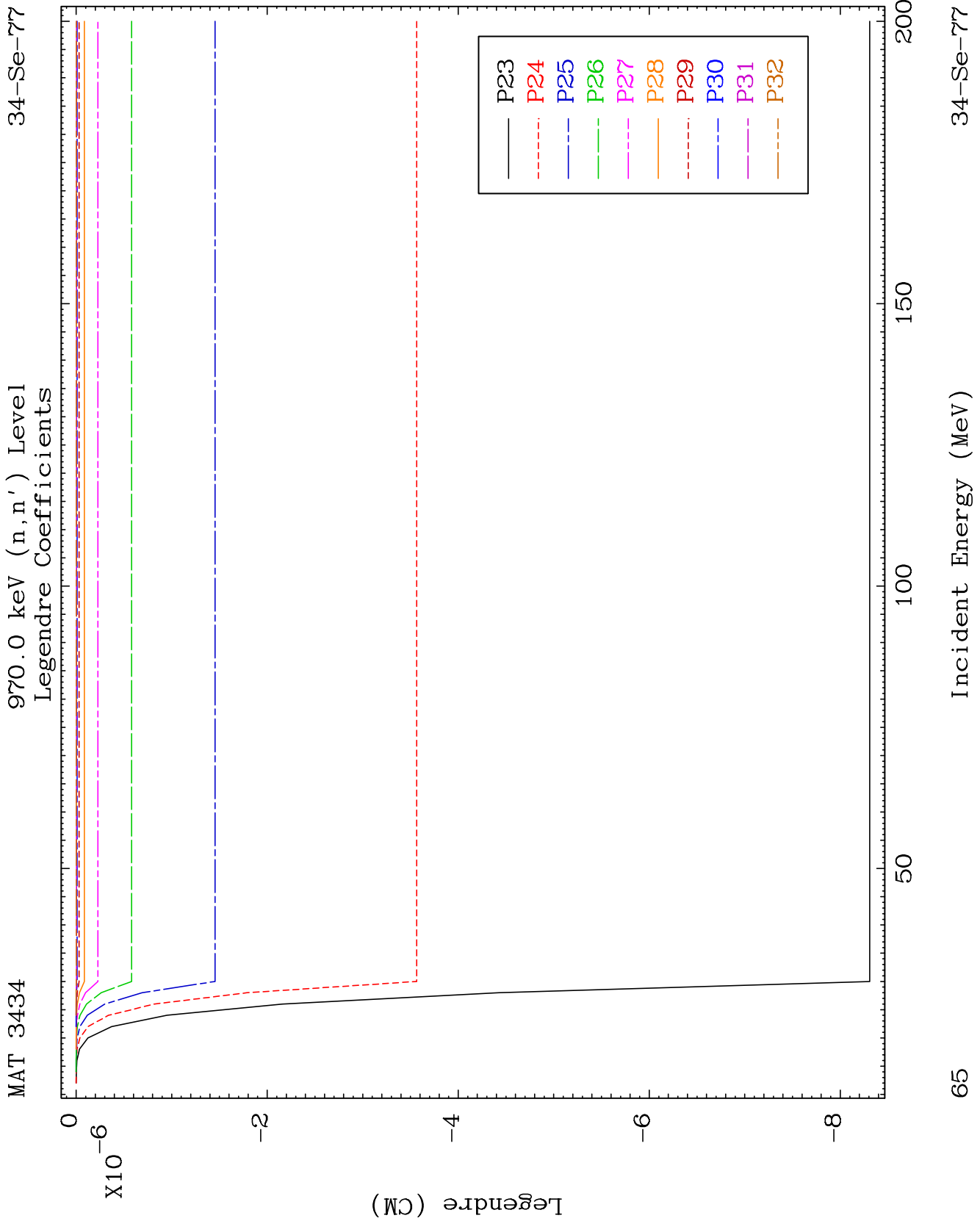
34-Se-77

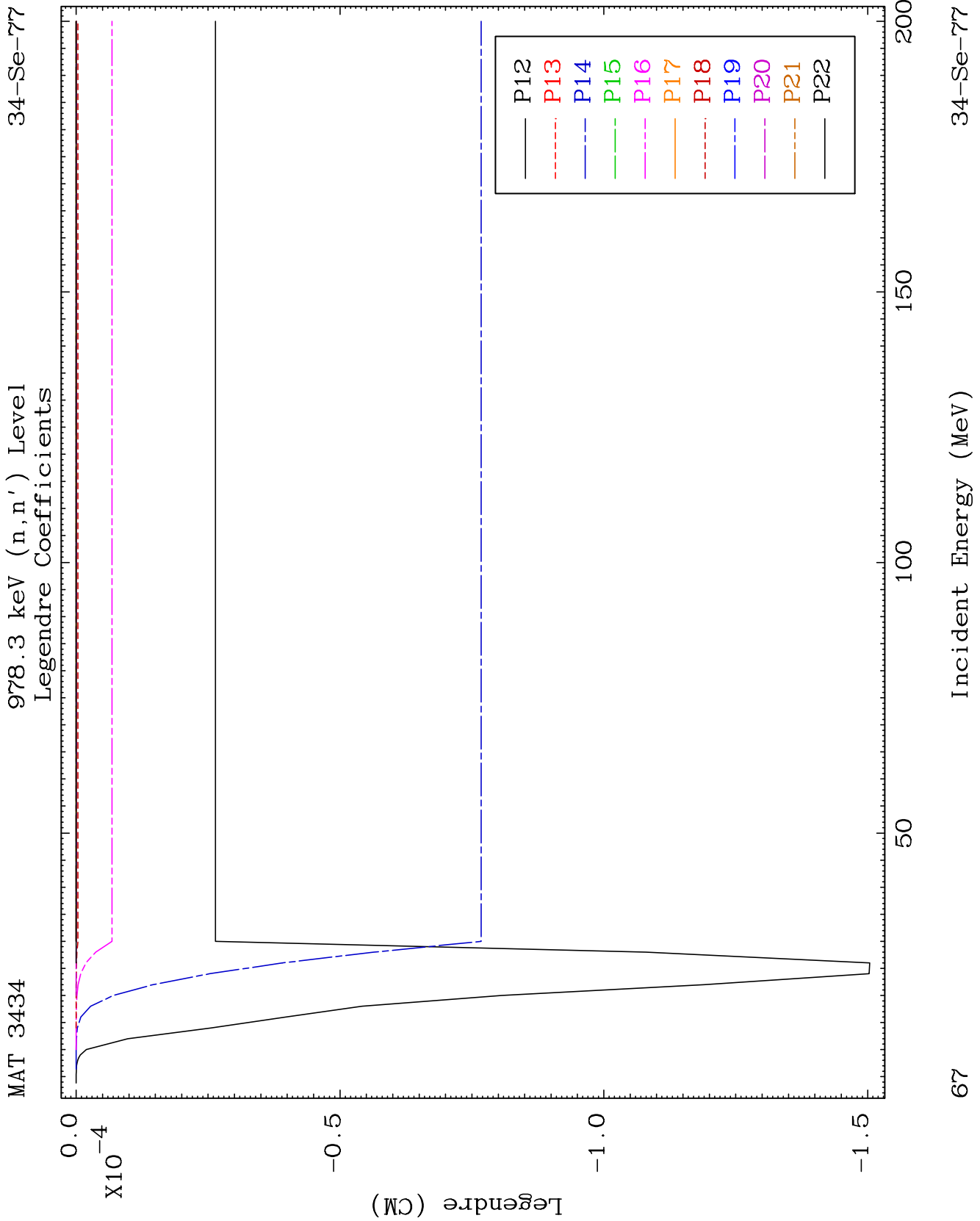


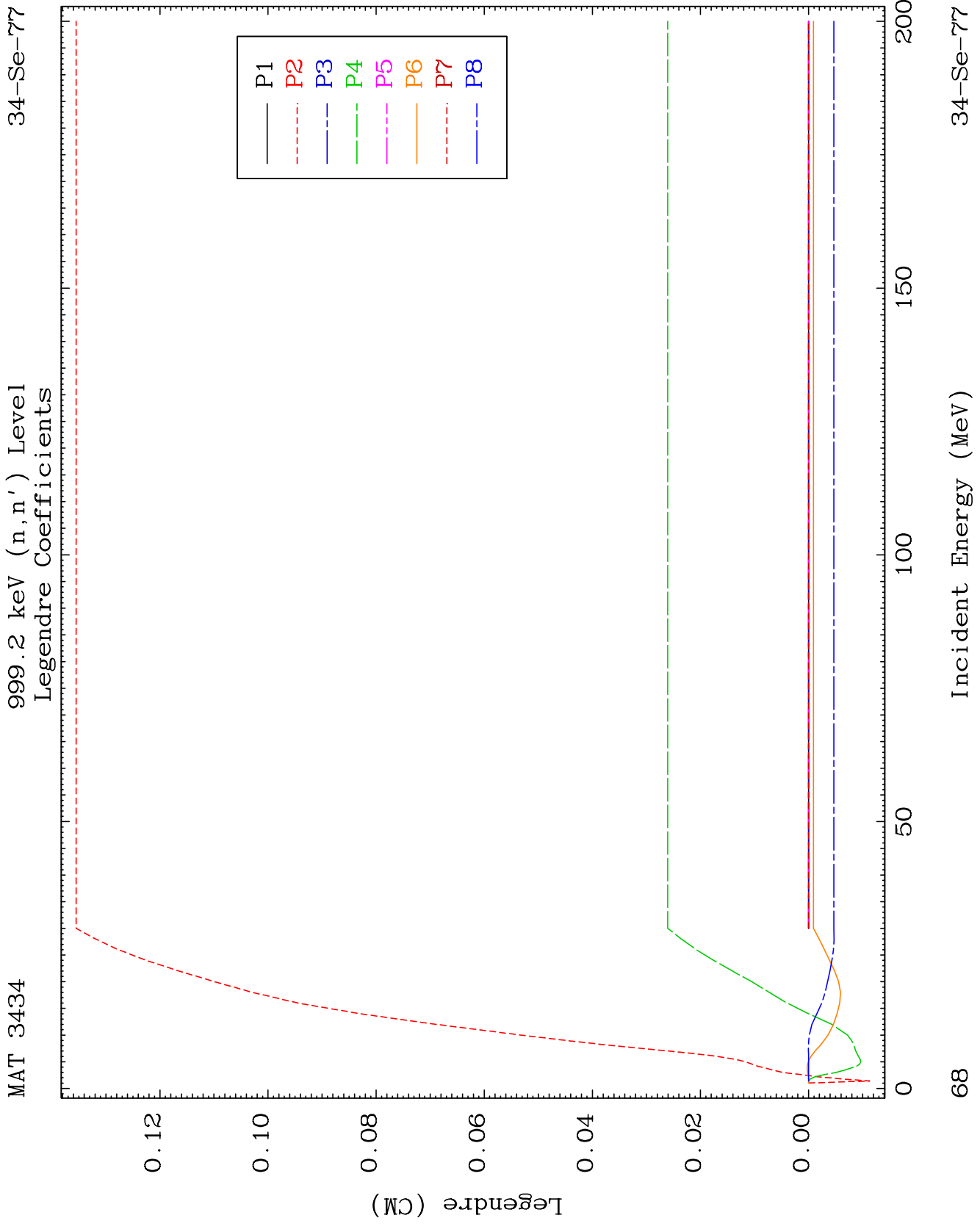
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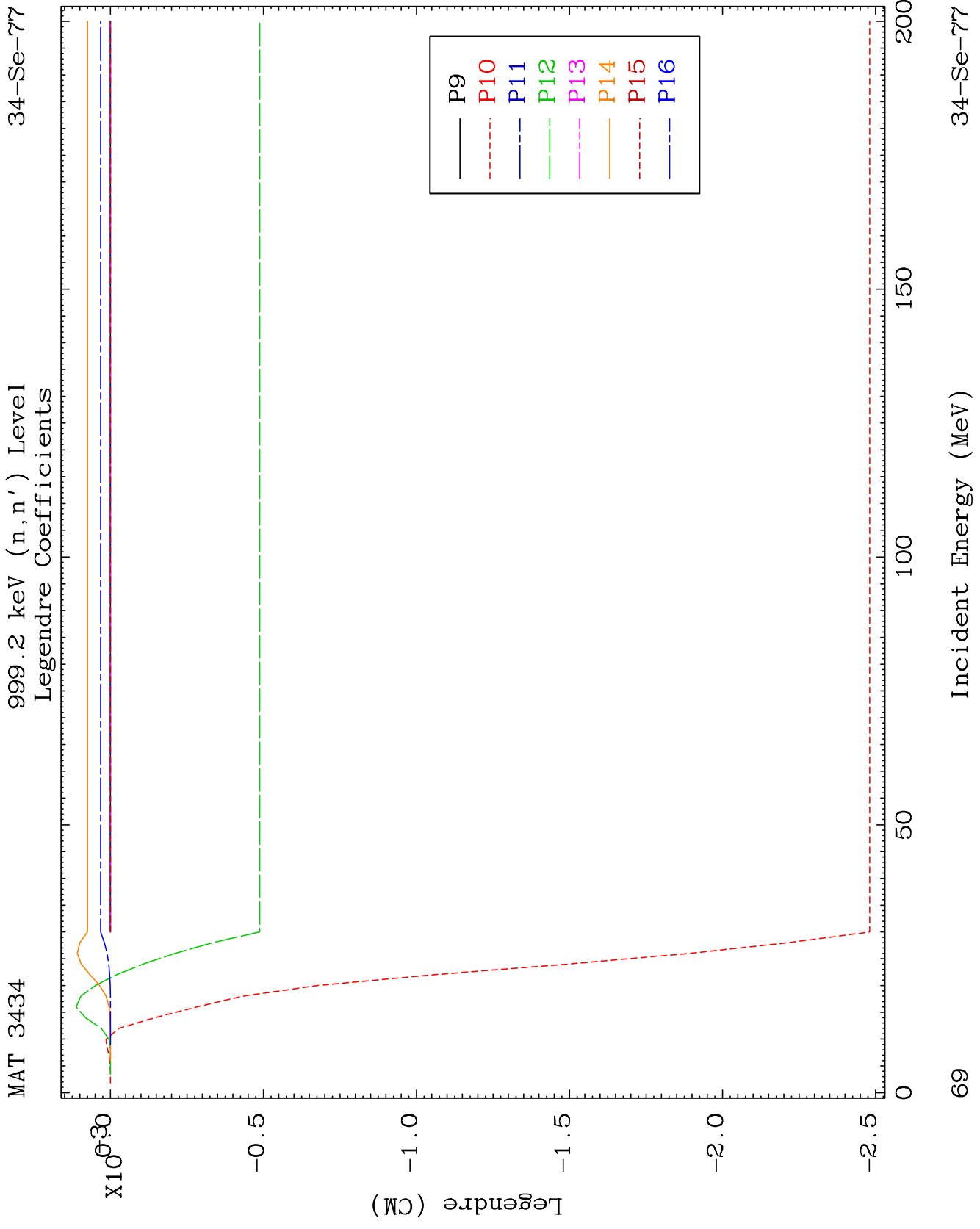
Incident Energy (MeV)

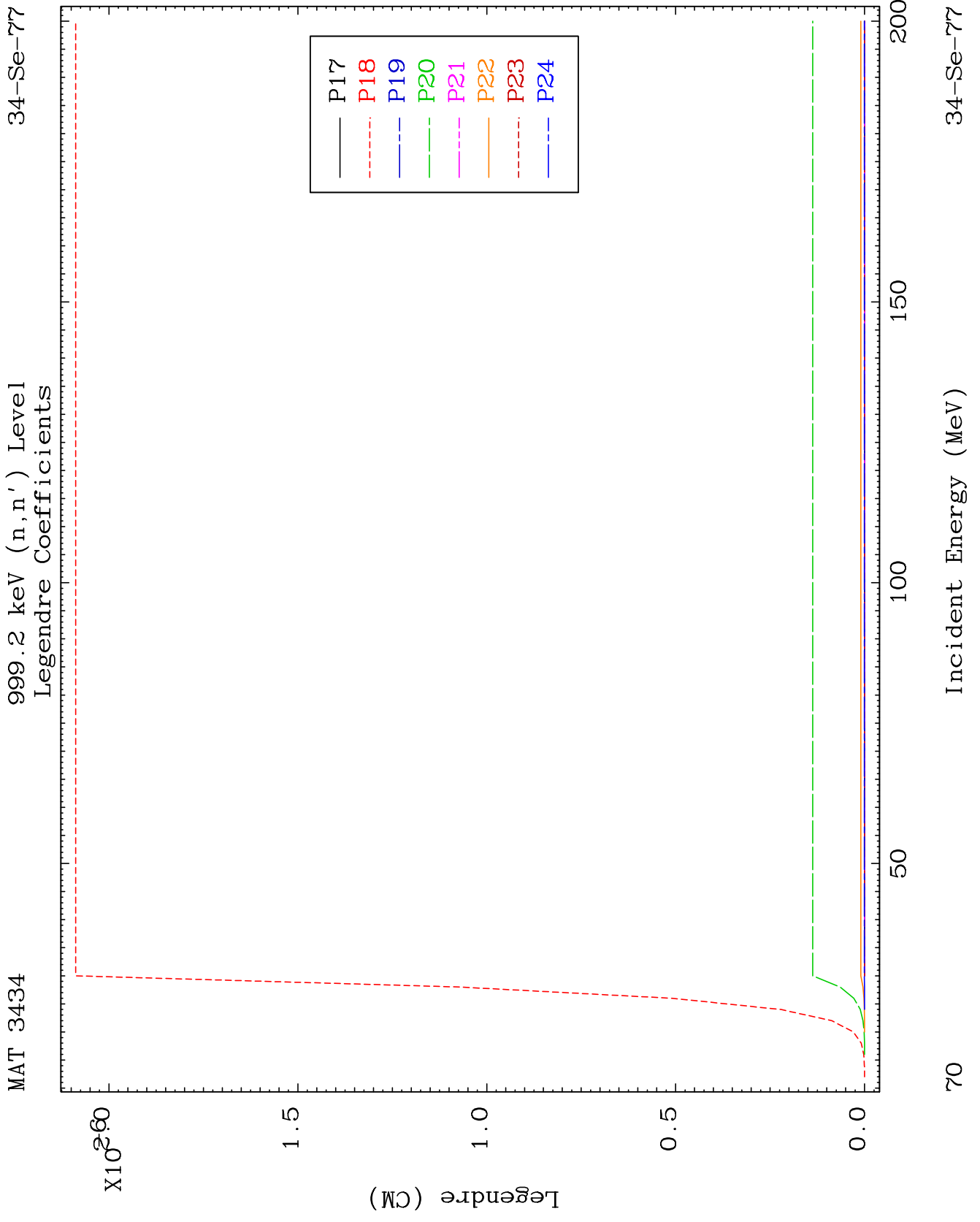
34-Se-77

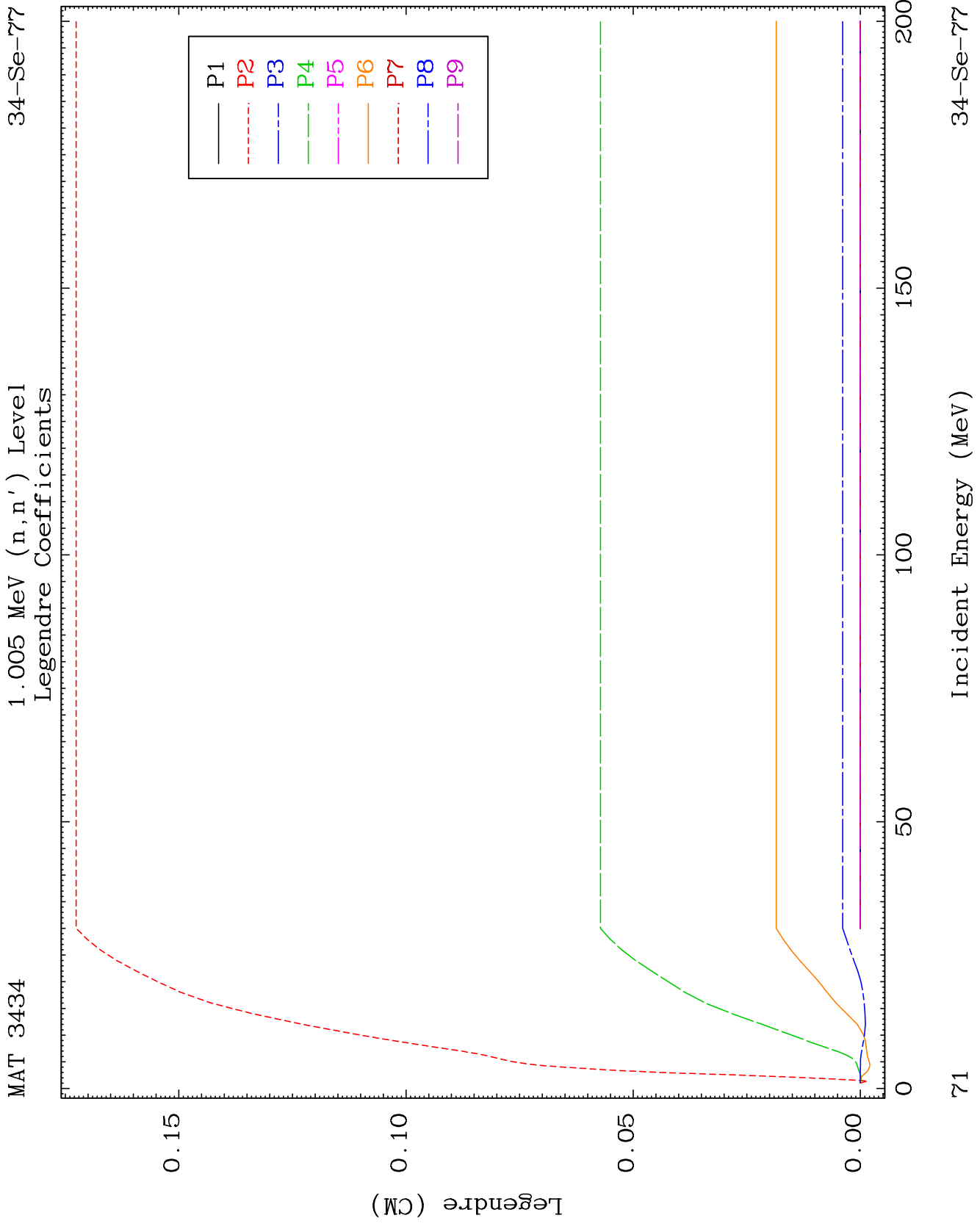








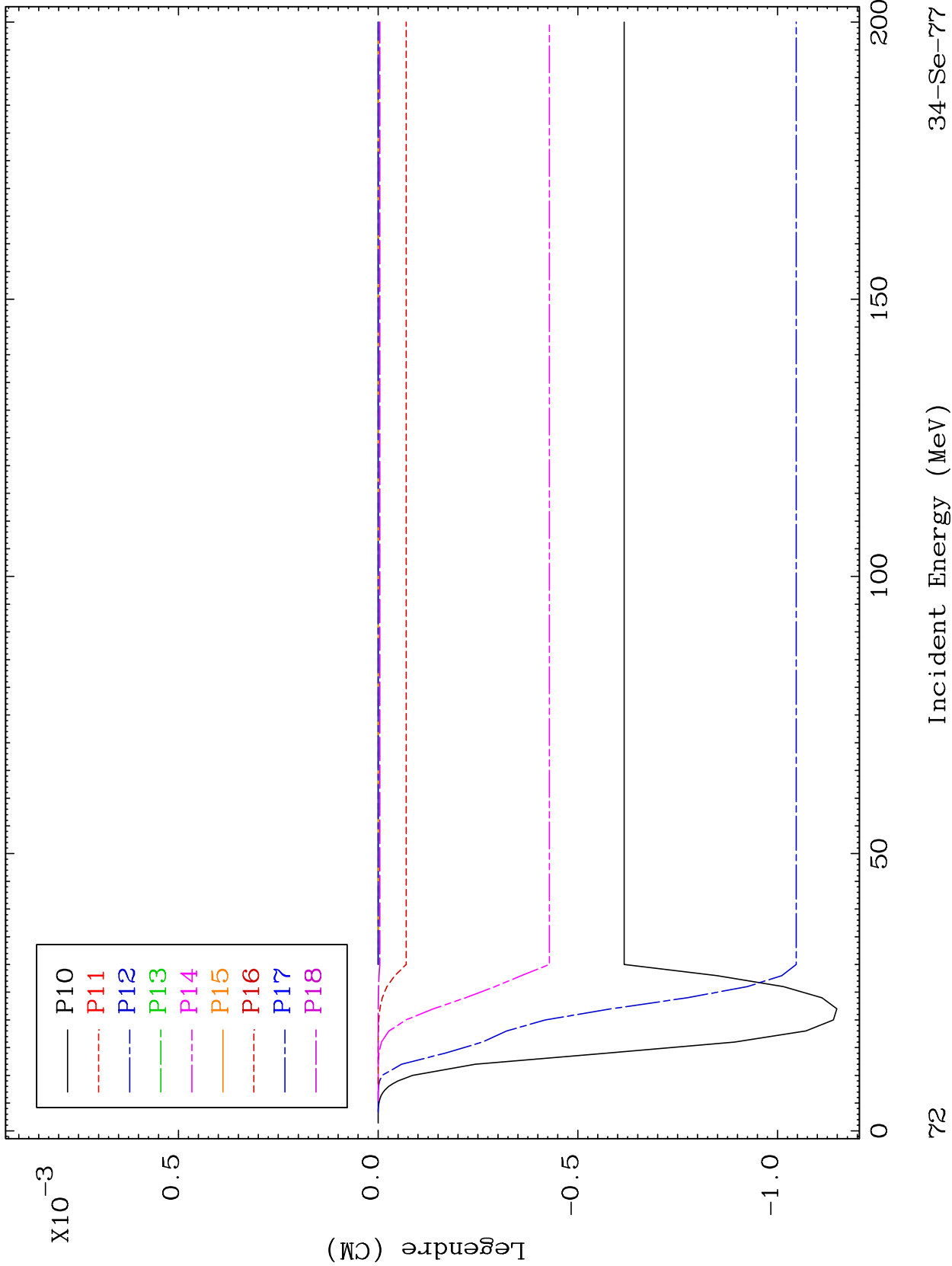




MAT 3434

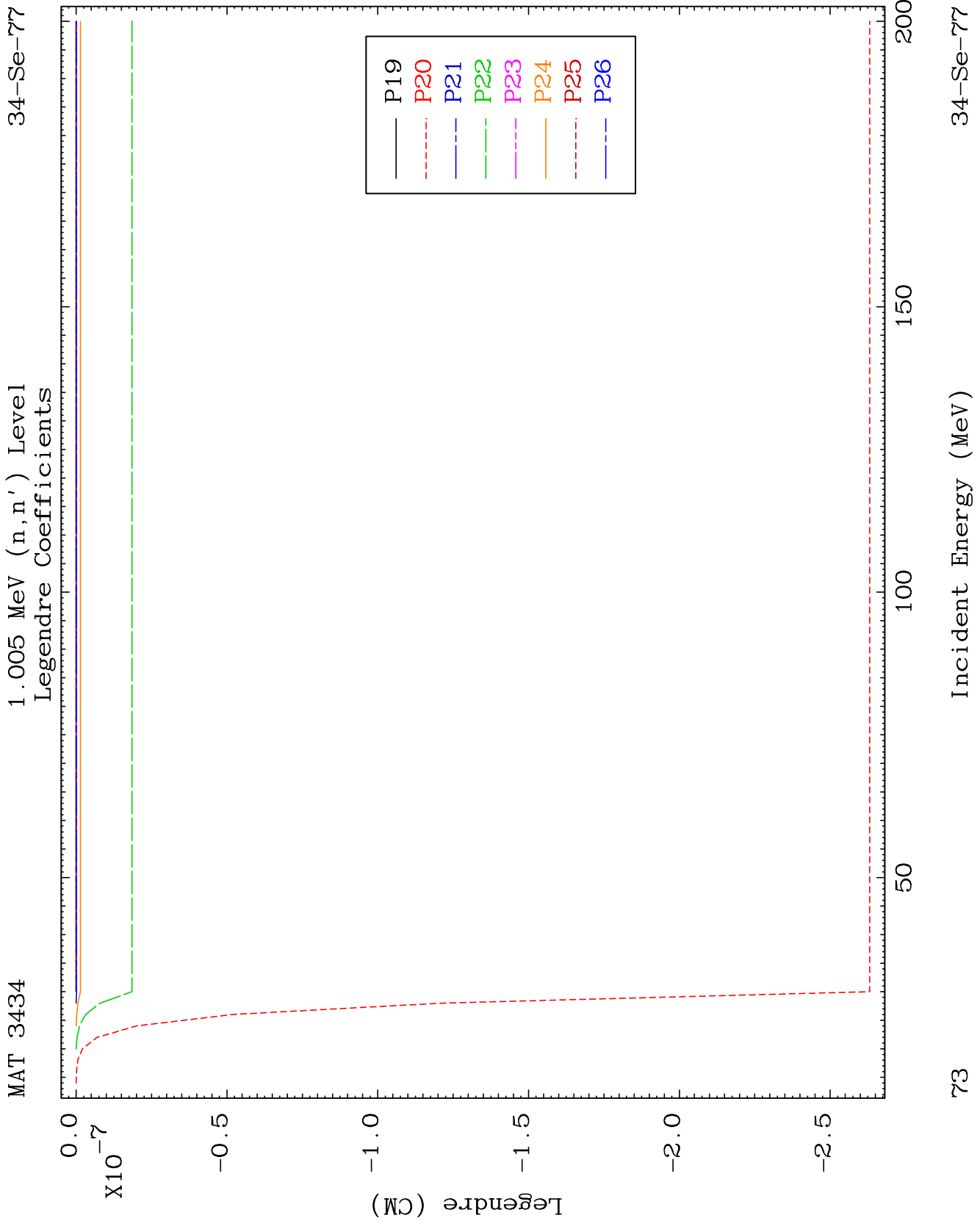
1.005 MeV (n,n') Level
Legendre Coefficients

34-Se-77



72

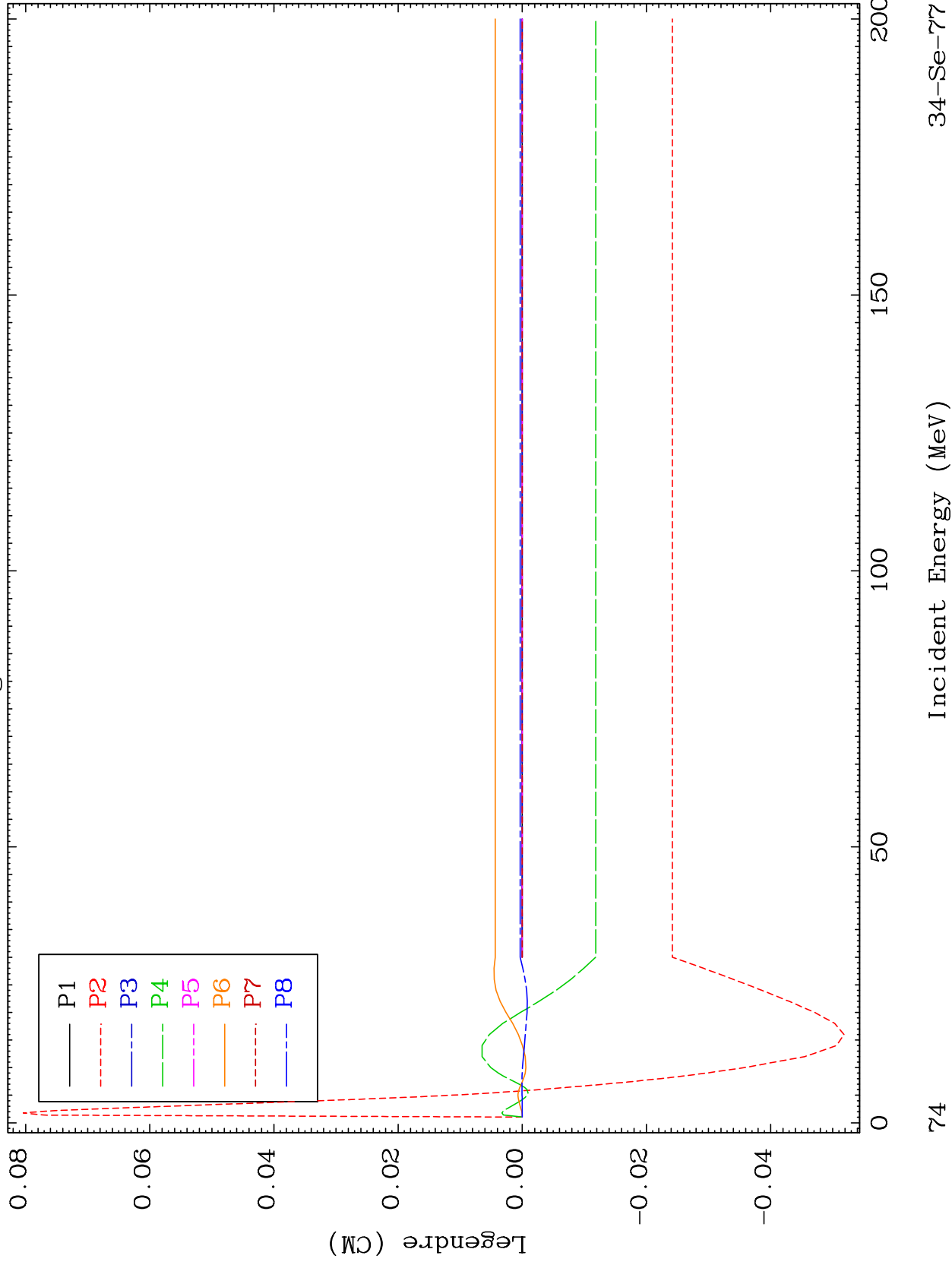
34-Se-77



MAT 3434

1.024 MeV (n,n') Level
Legendre Coefficients

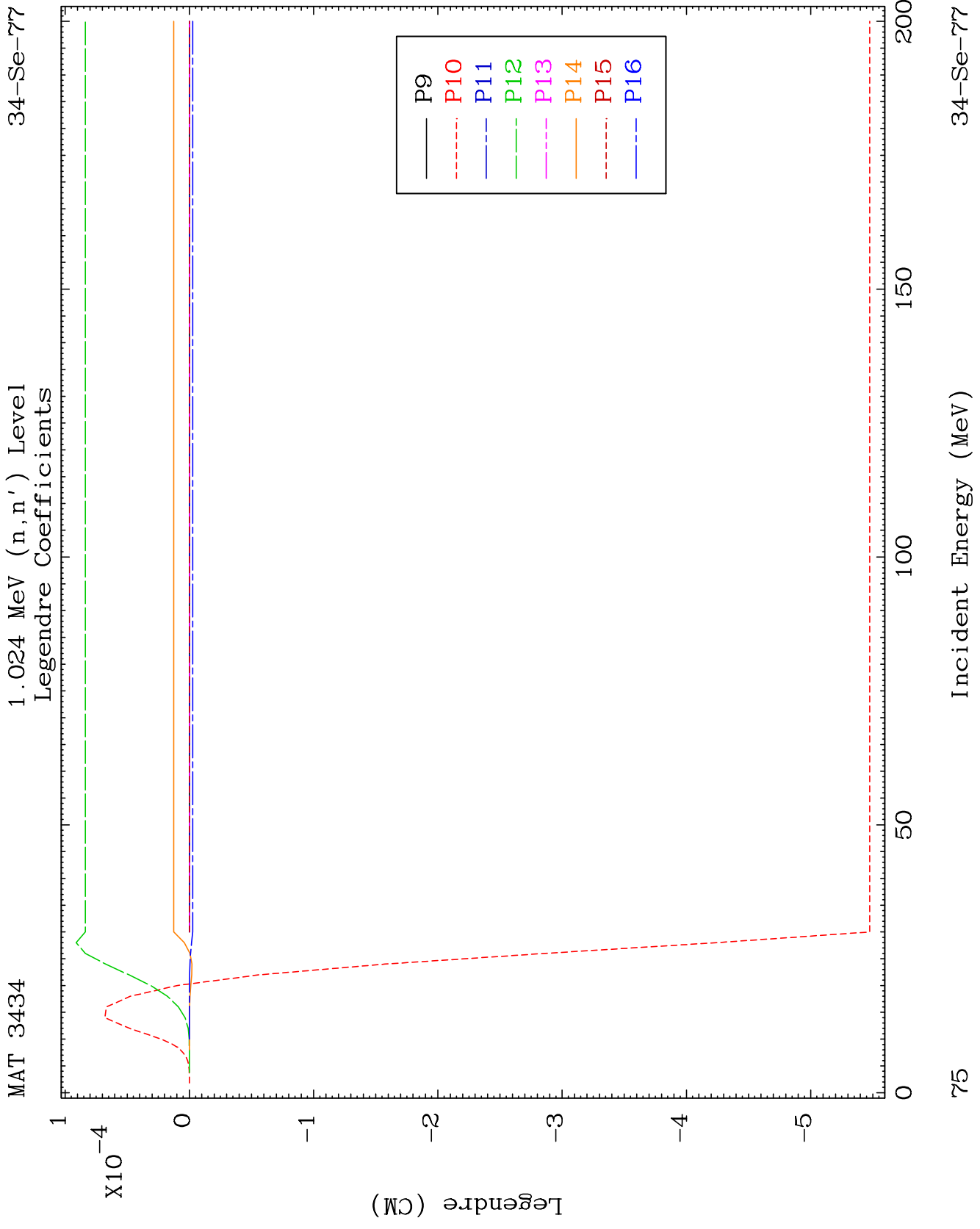
³⁴Se-77

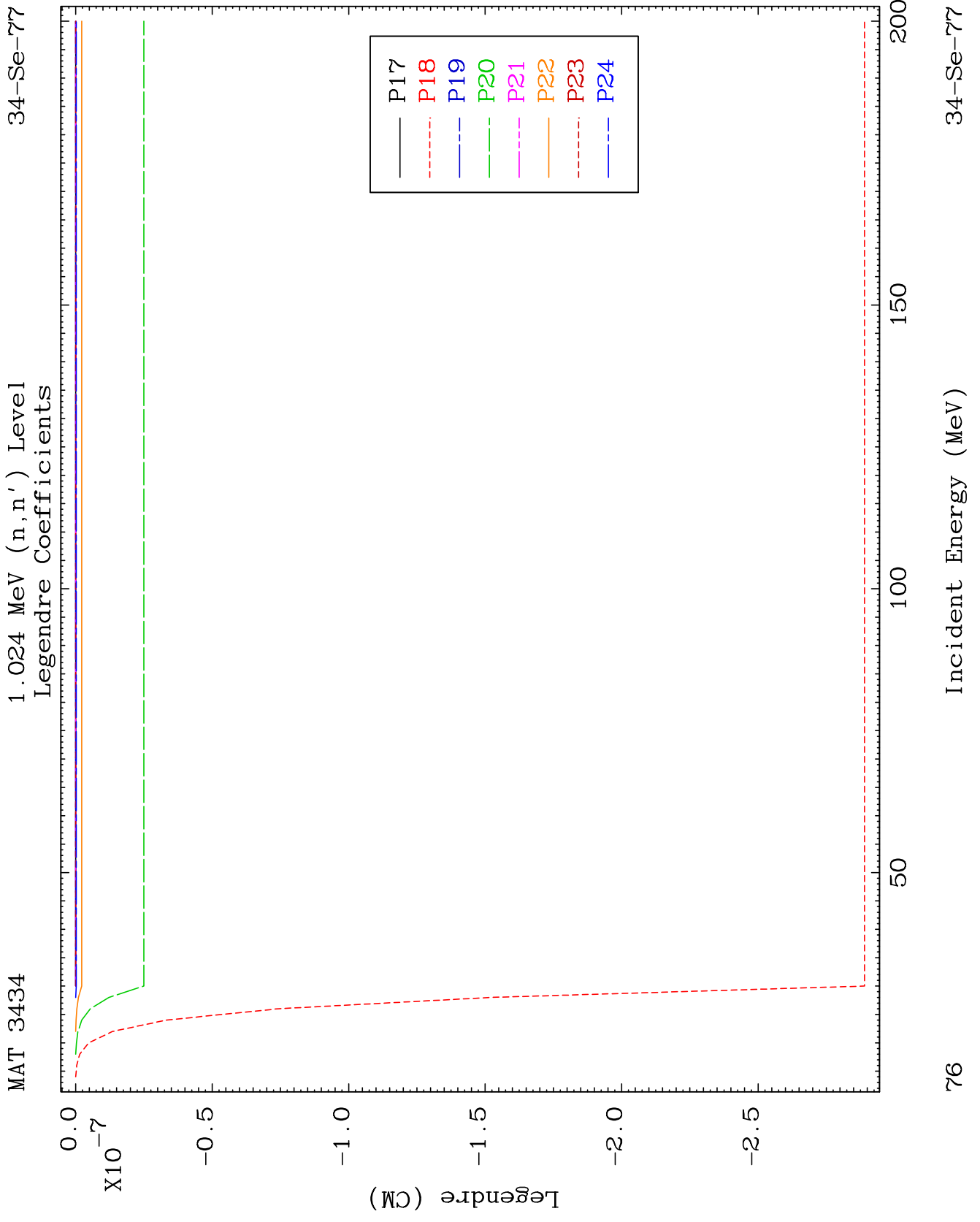


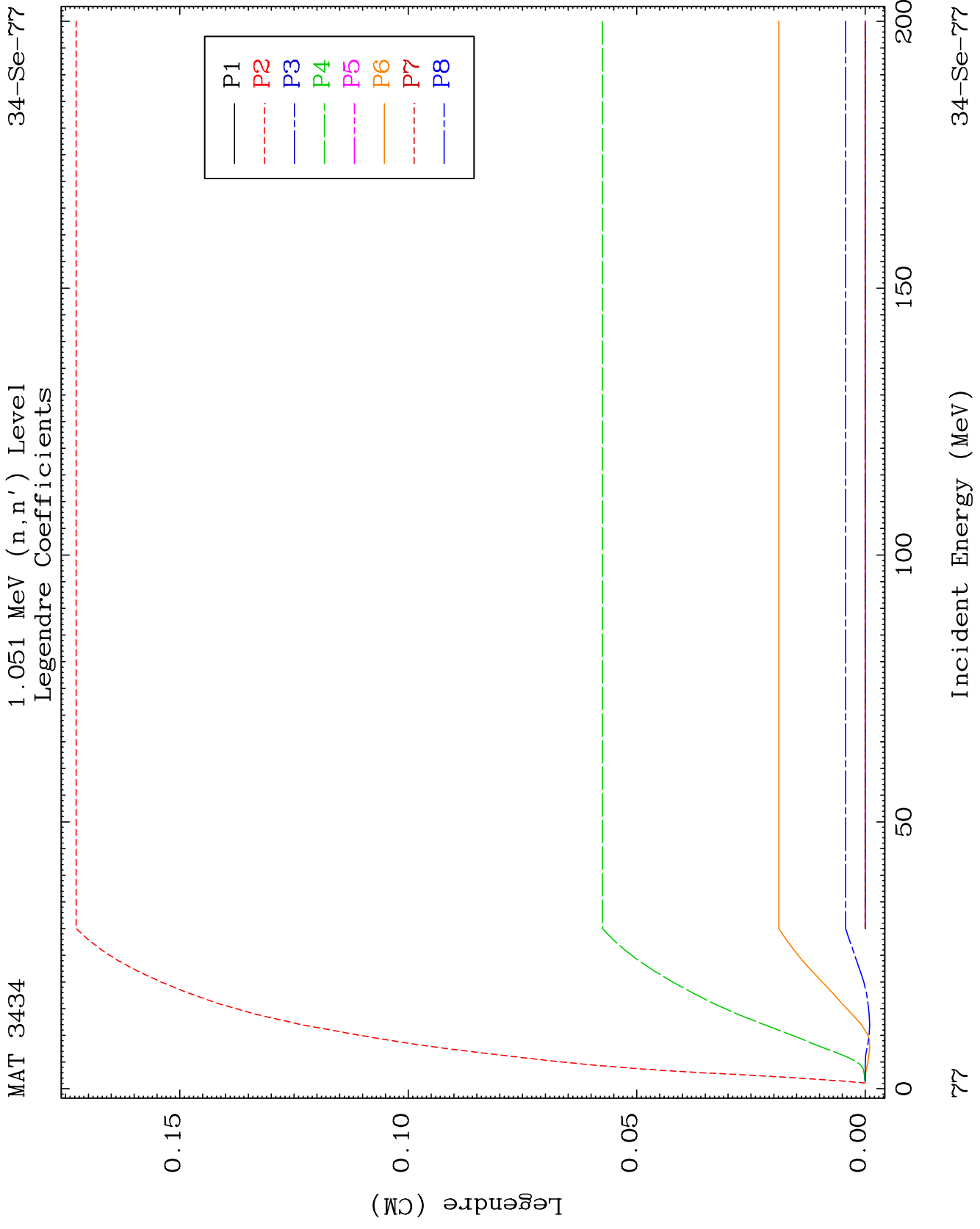
³⁴Se-77

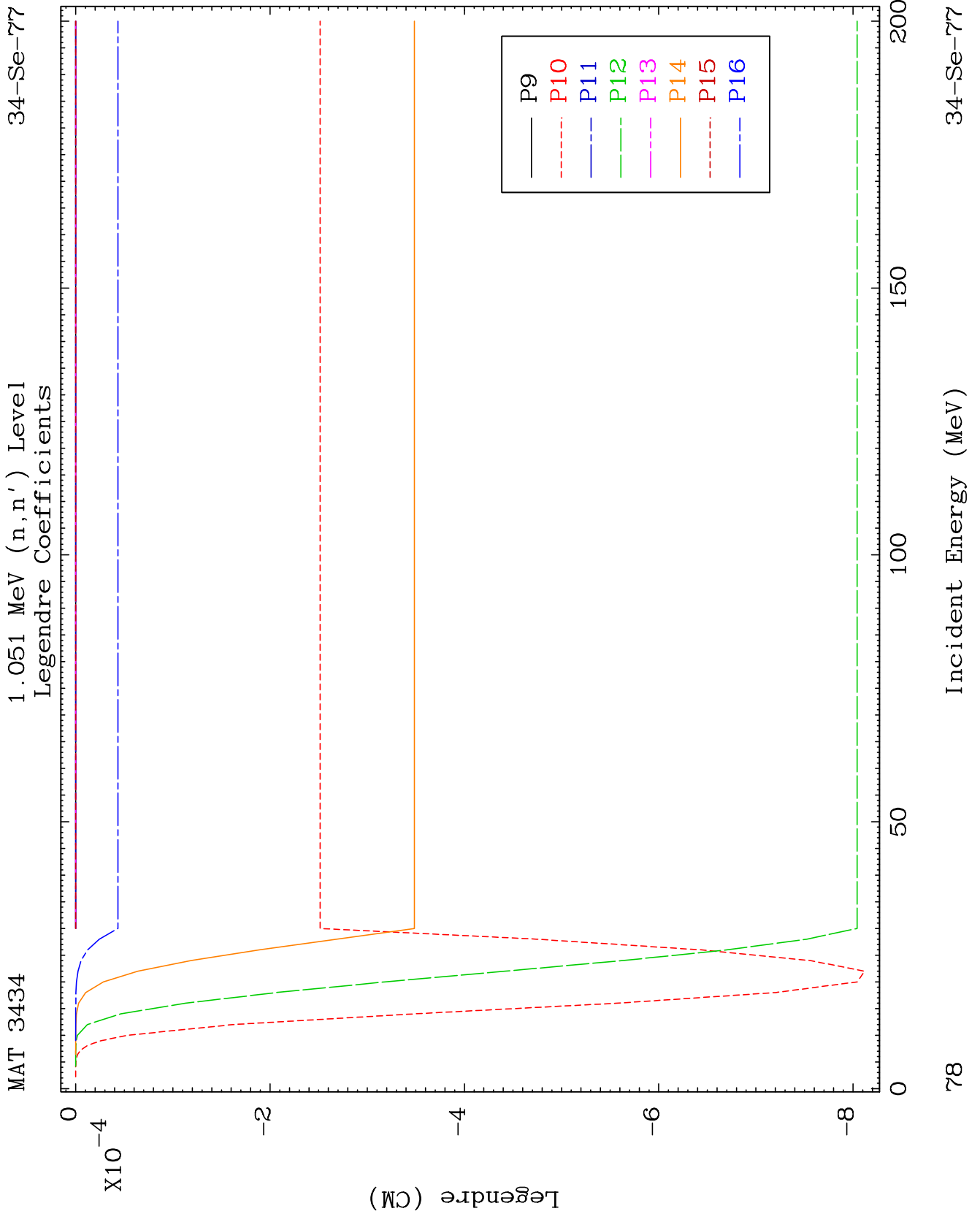
Incident Energy (MeV)

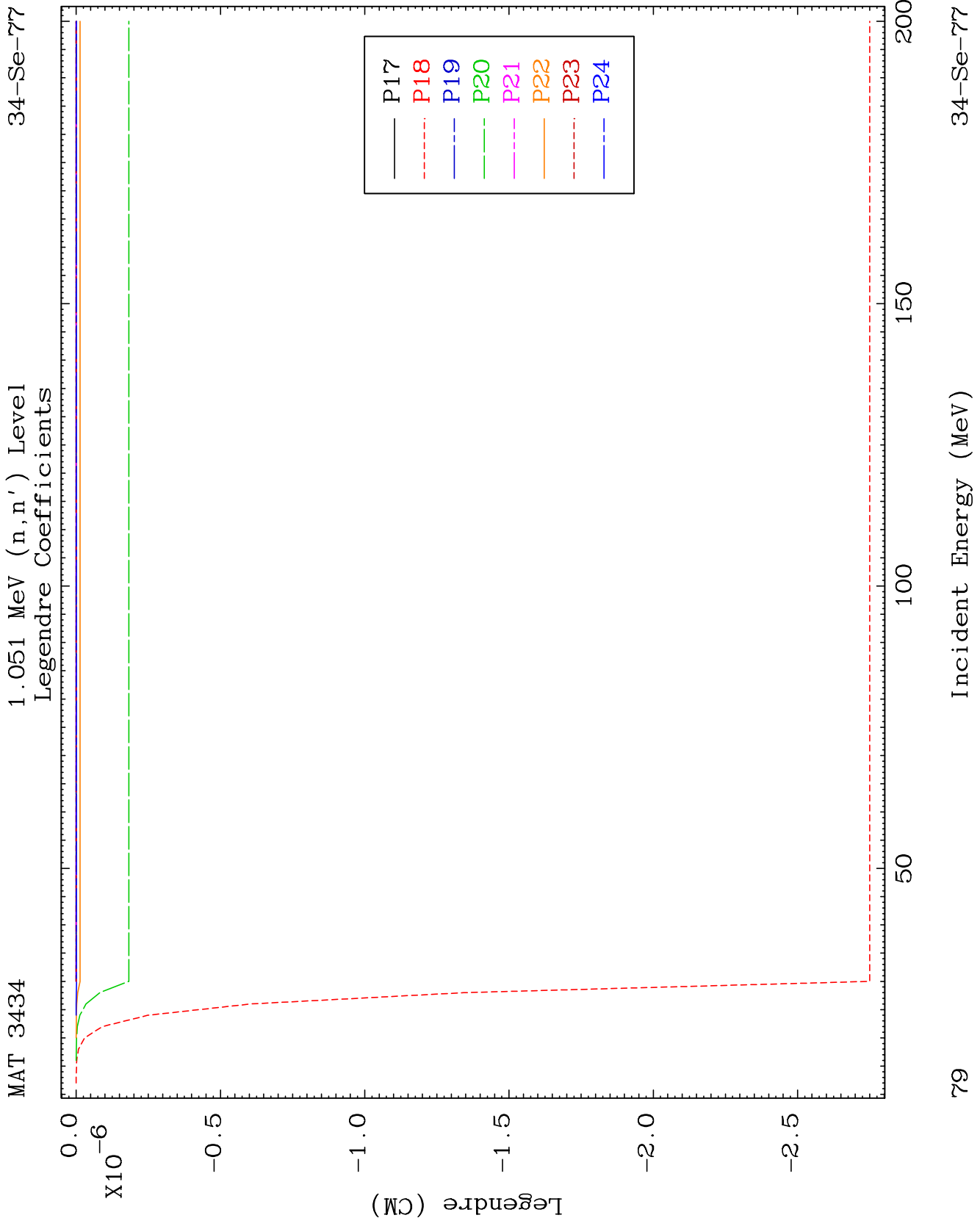
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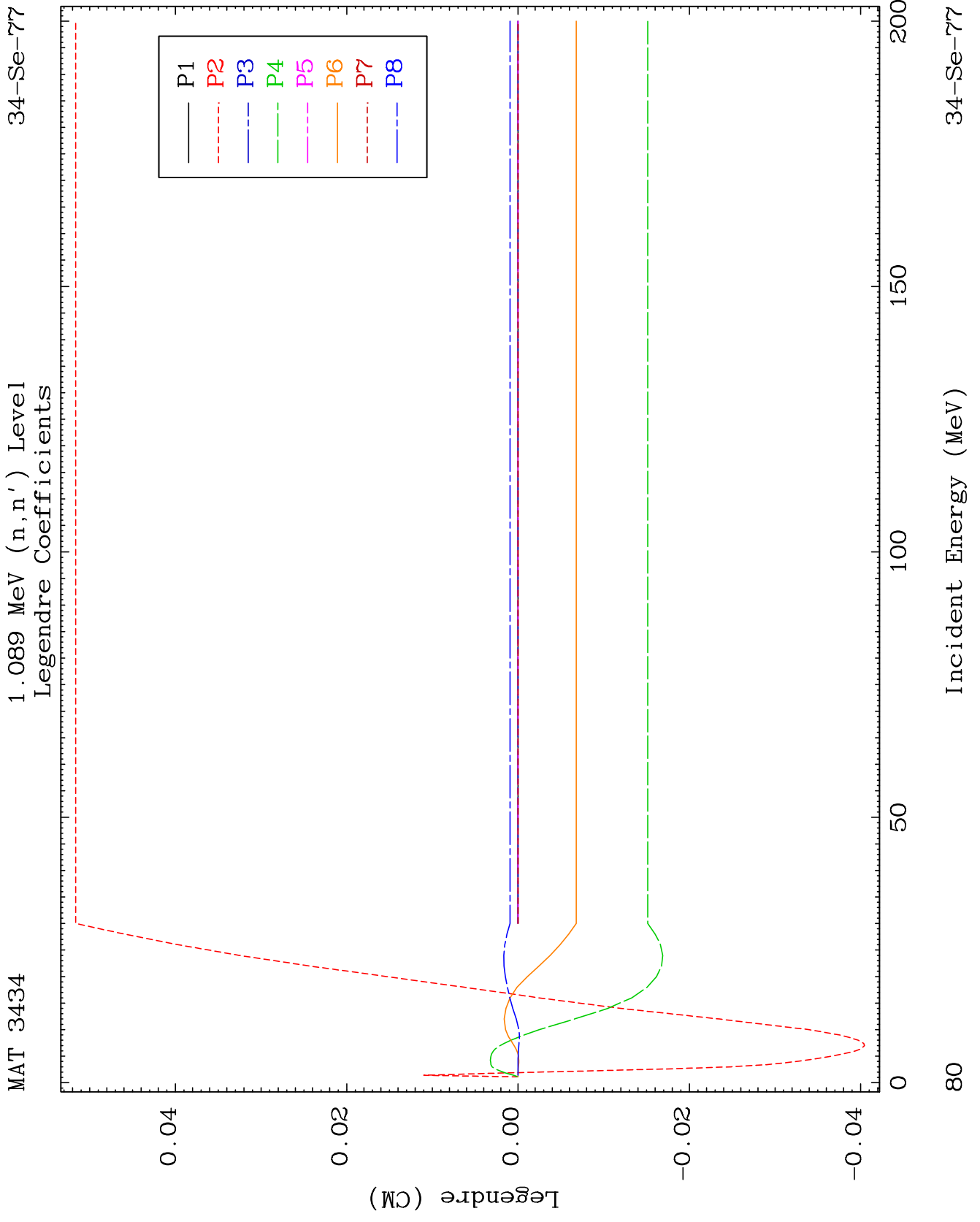


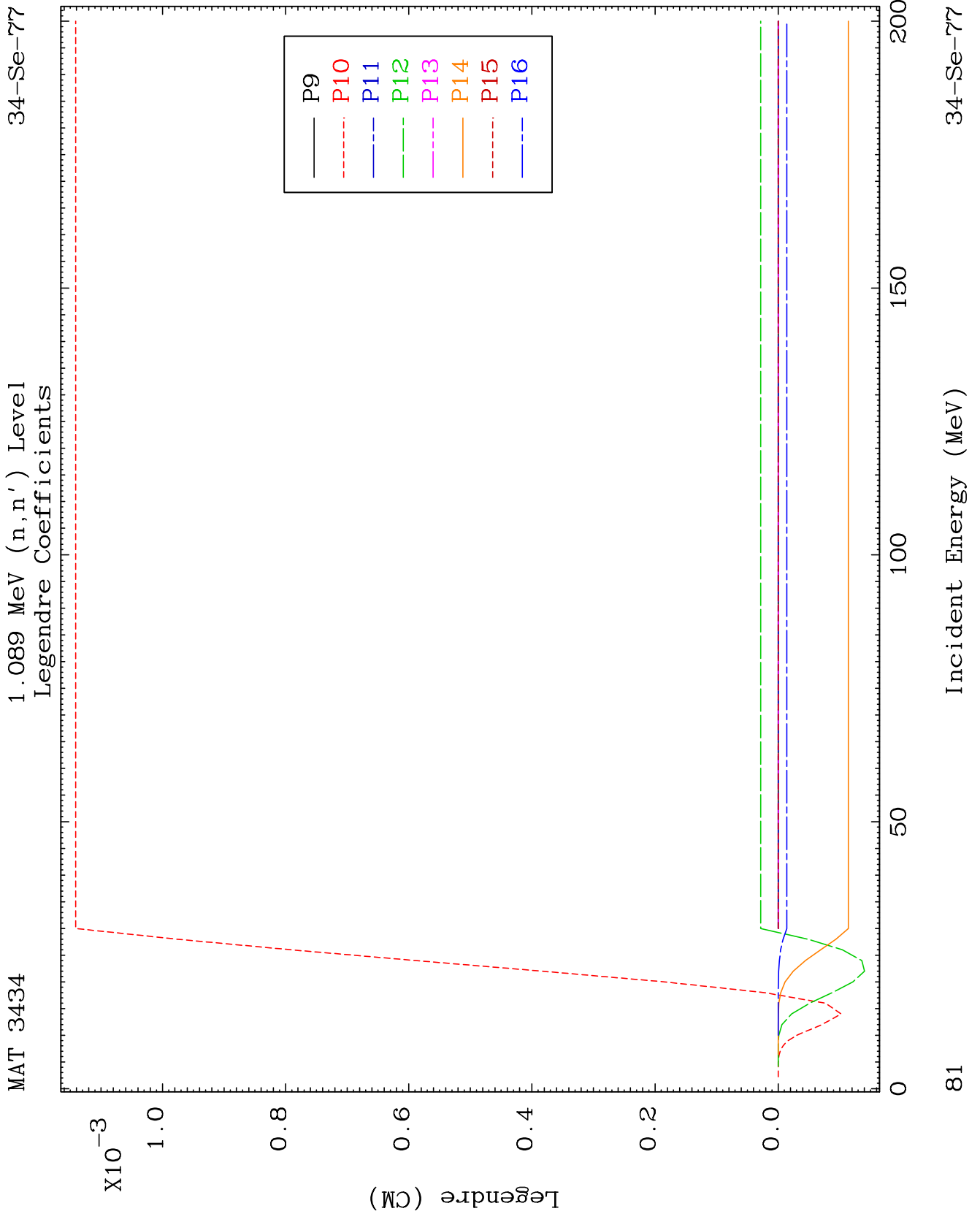


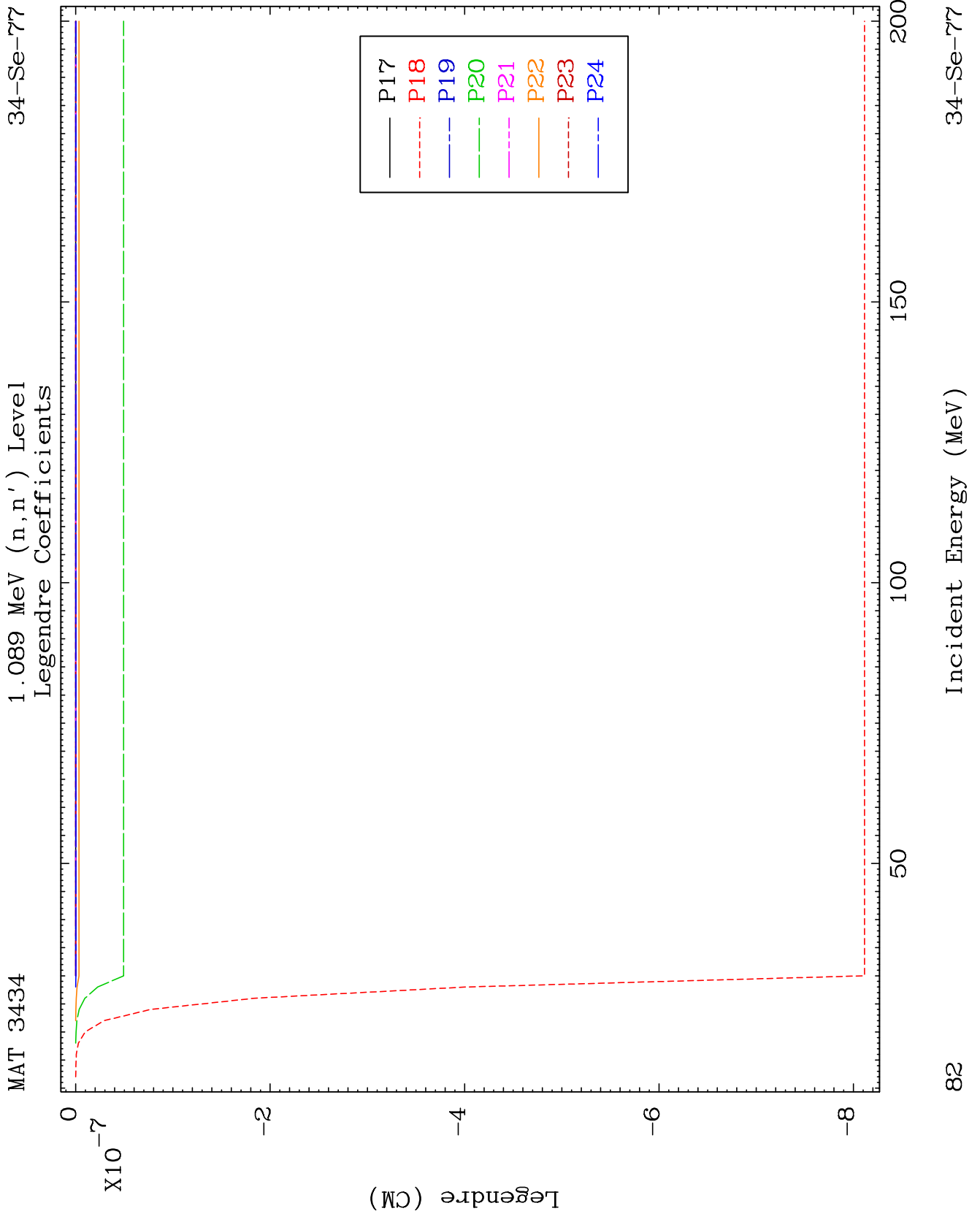


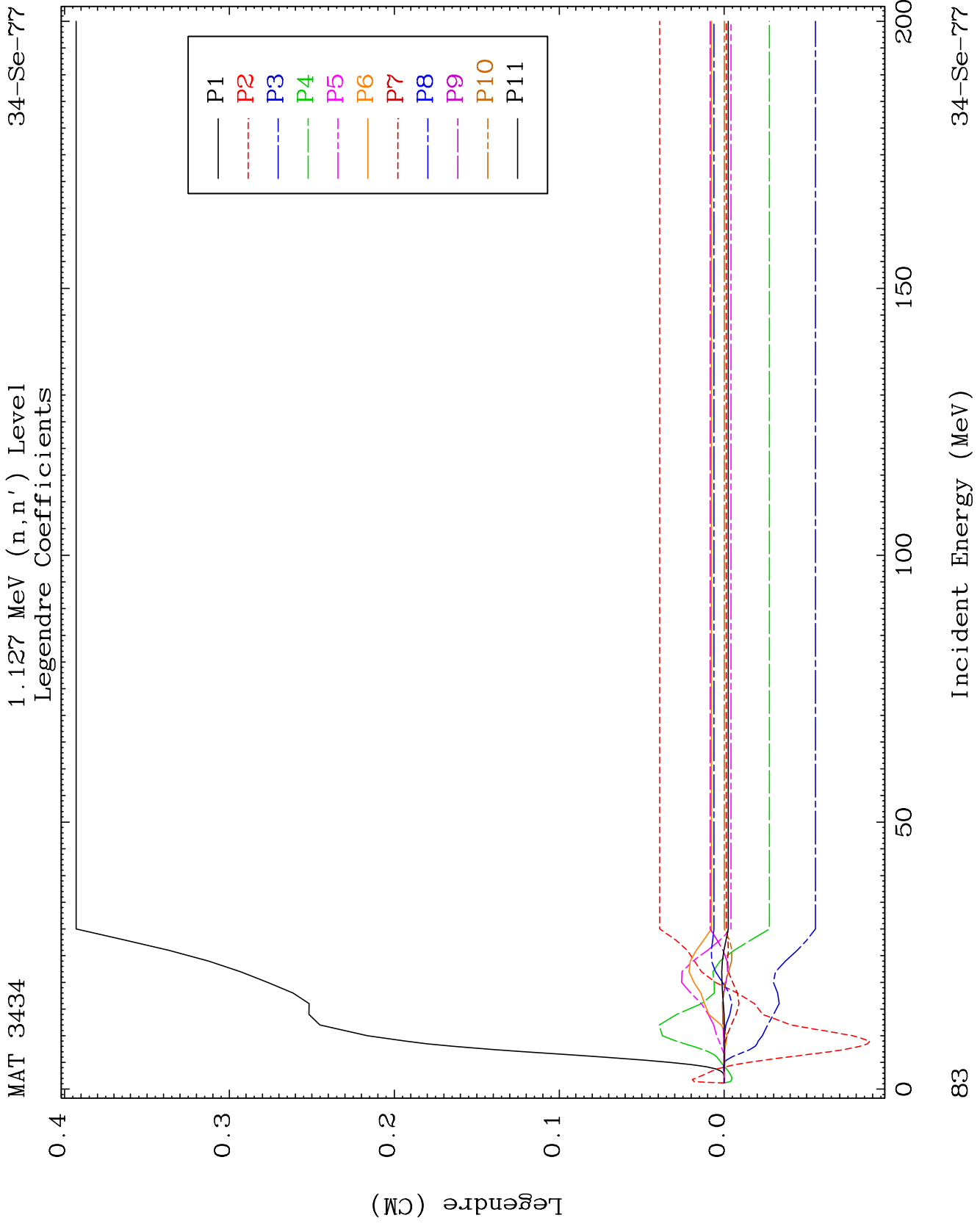


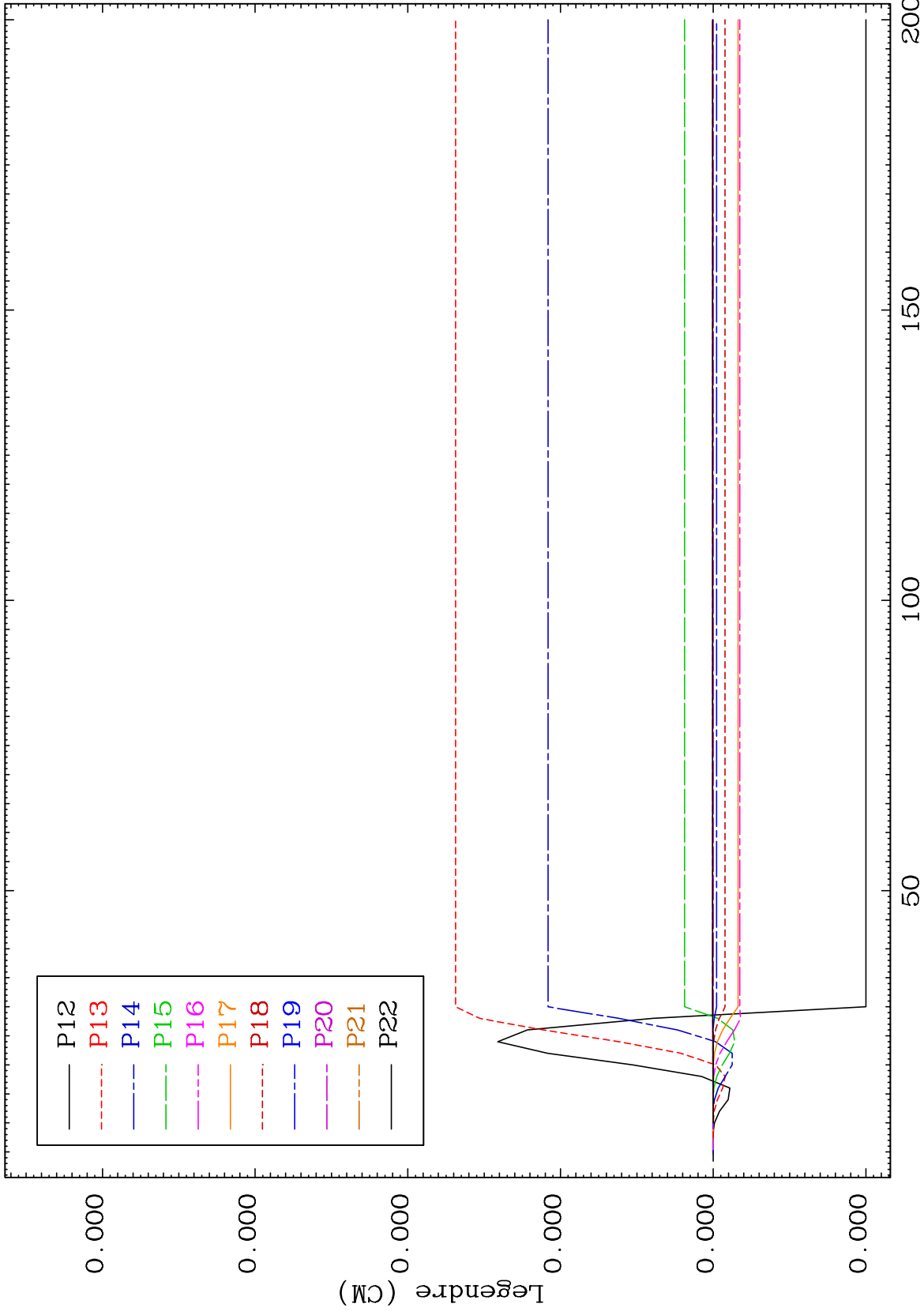








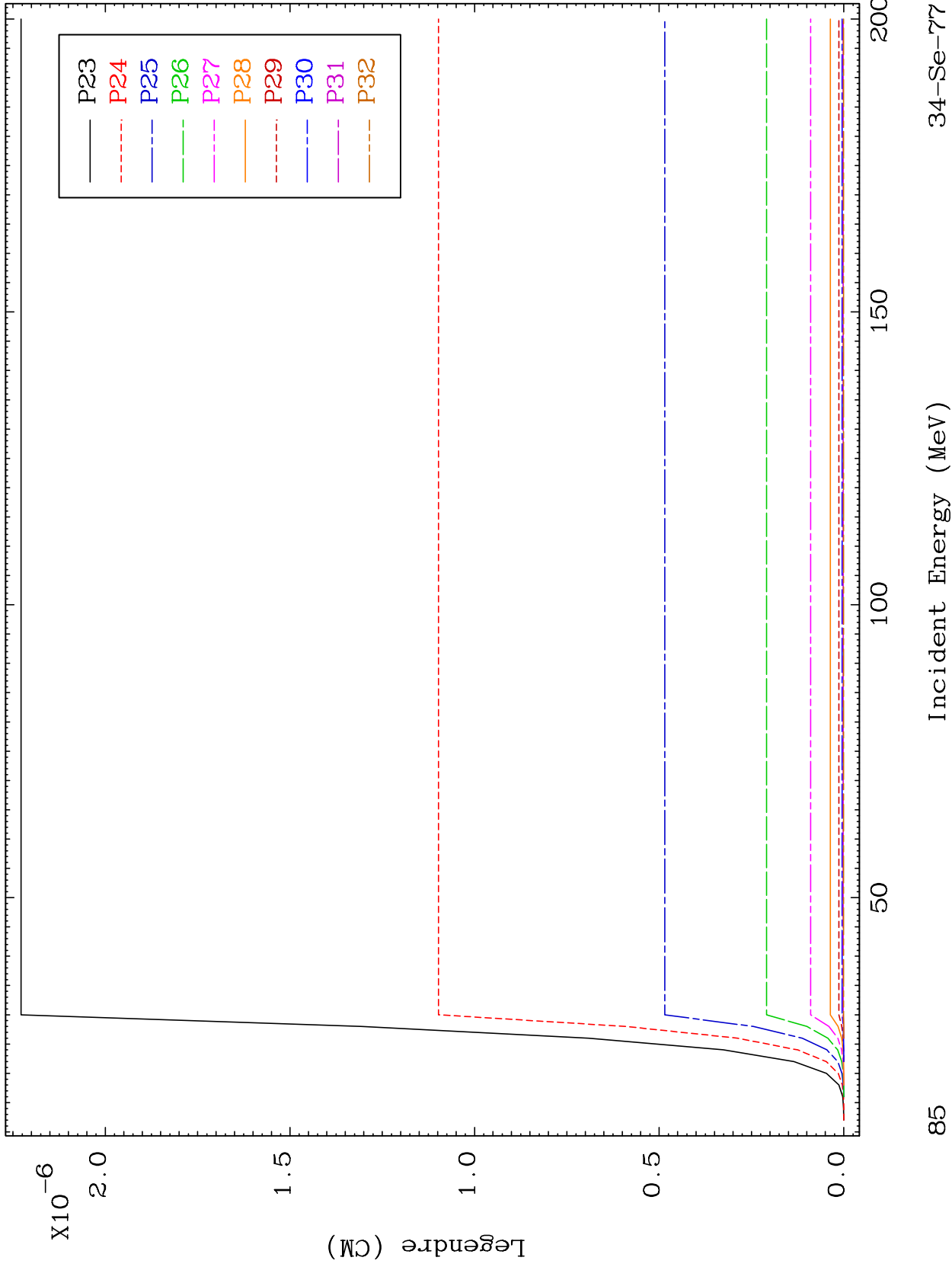




MAT 3434

1.127 MeV (n,n') Level
Legendre Coefficients

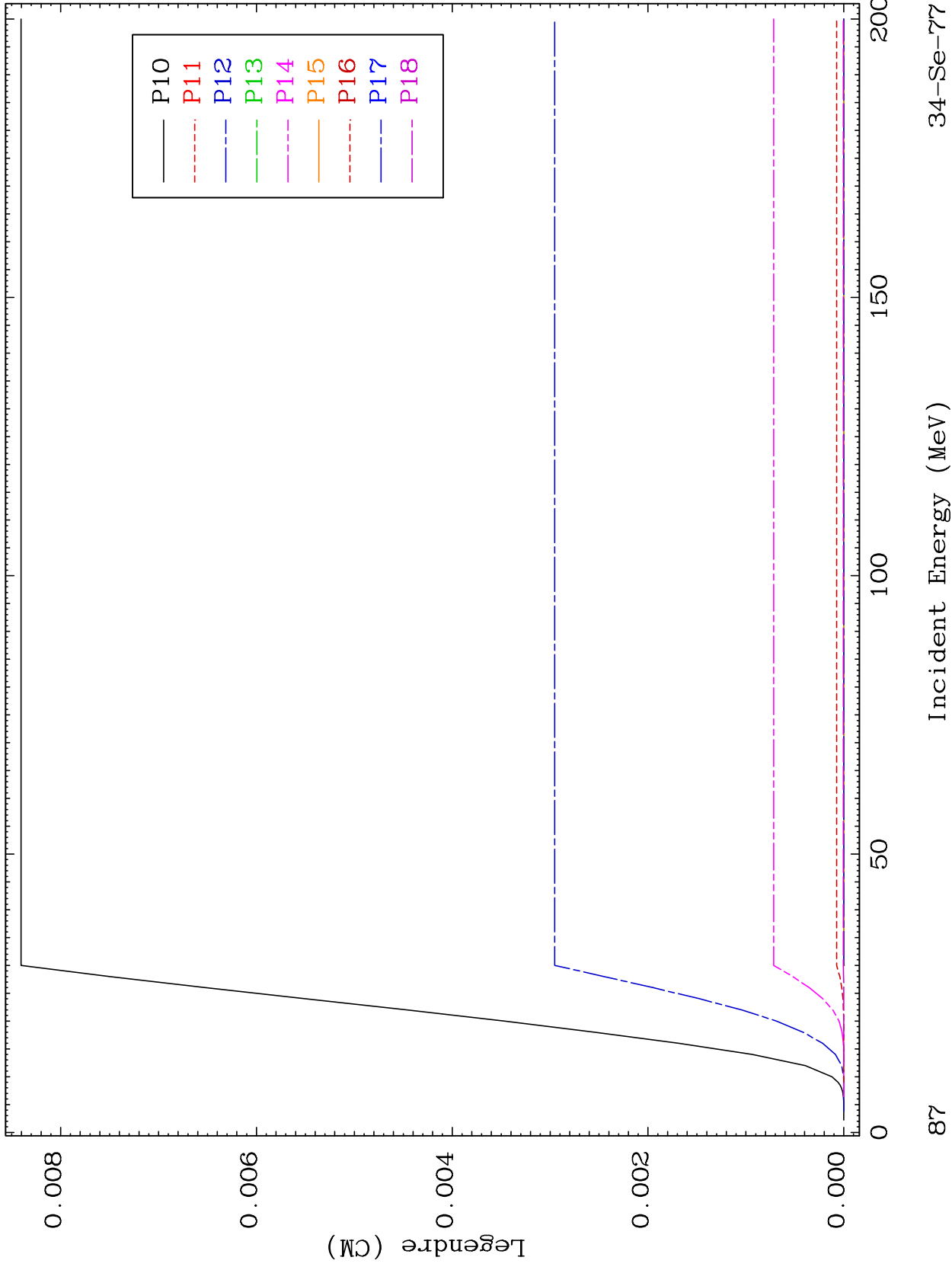
³⁴Se-77



MAT 3434

1.128 MeV (n,n') Level
Legendre Coefficients

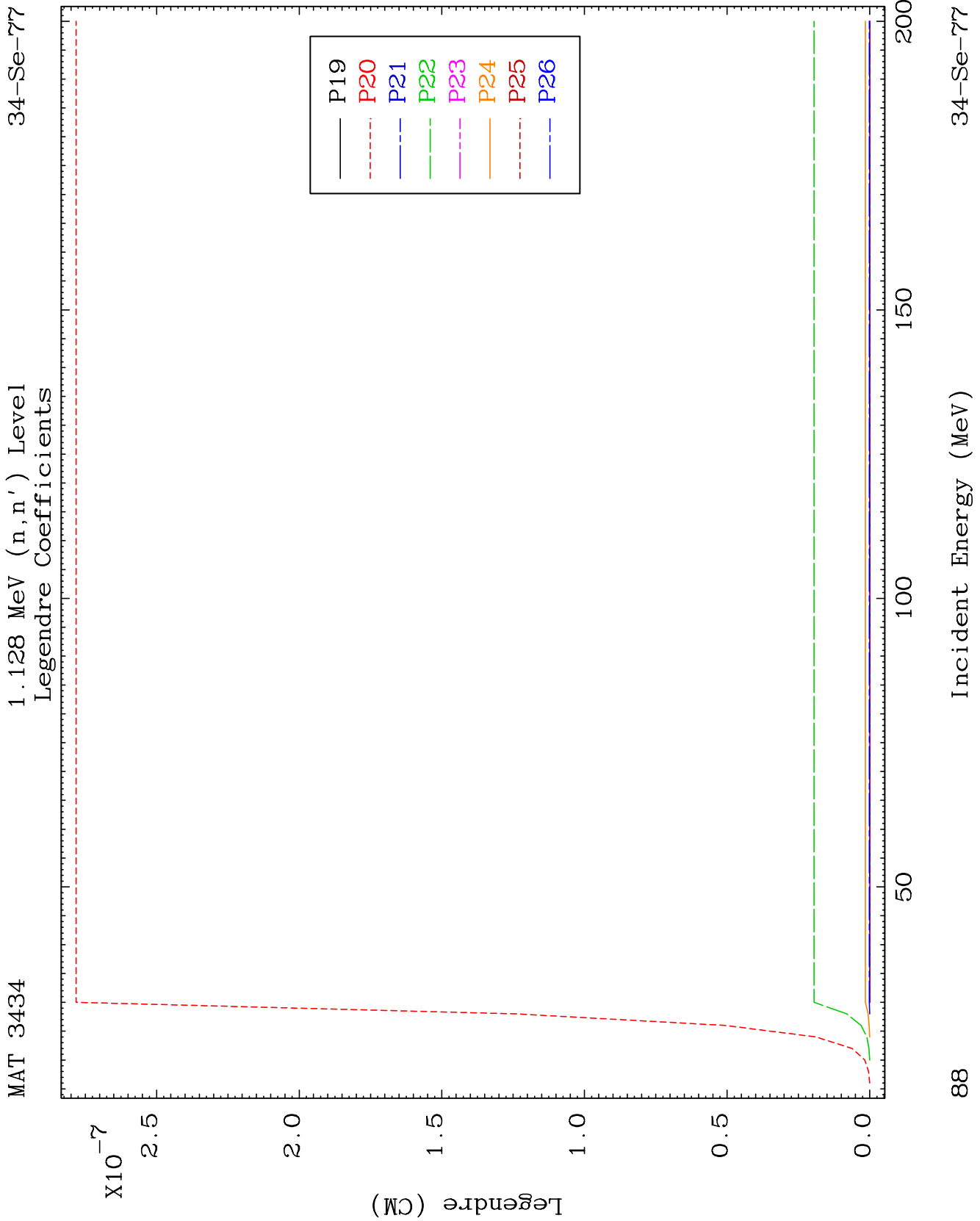
34-Se-77



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Incident Energy (MeV)

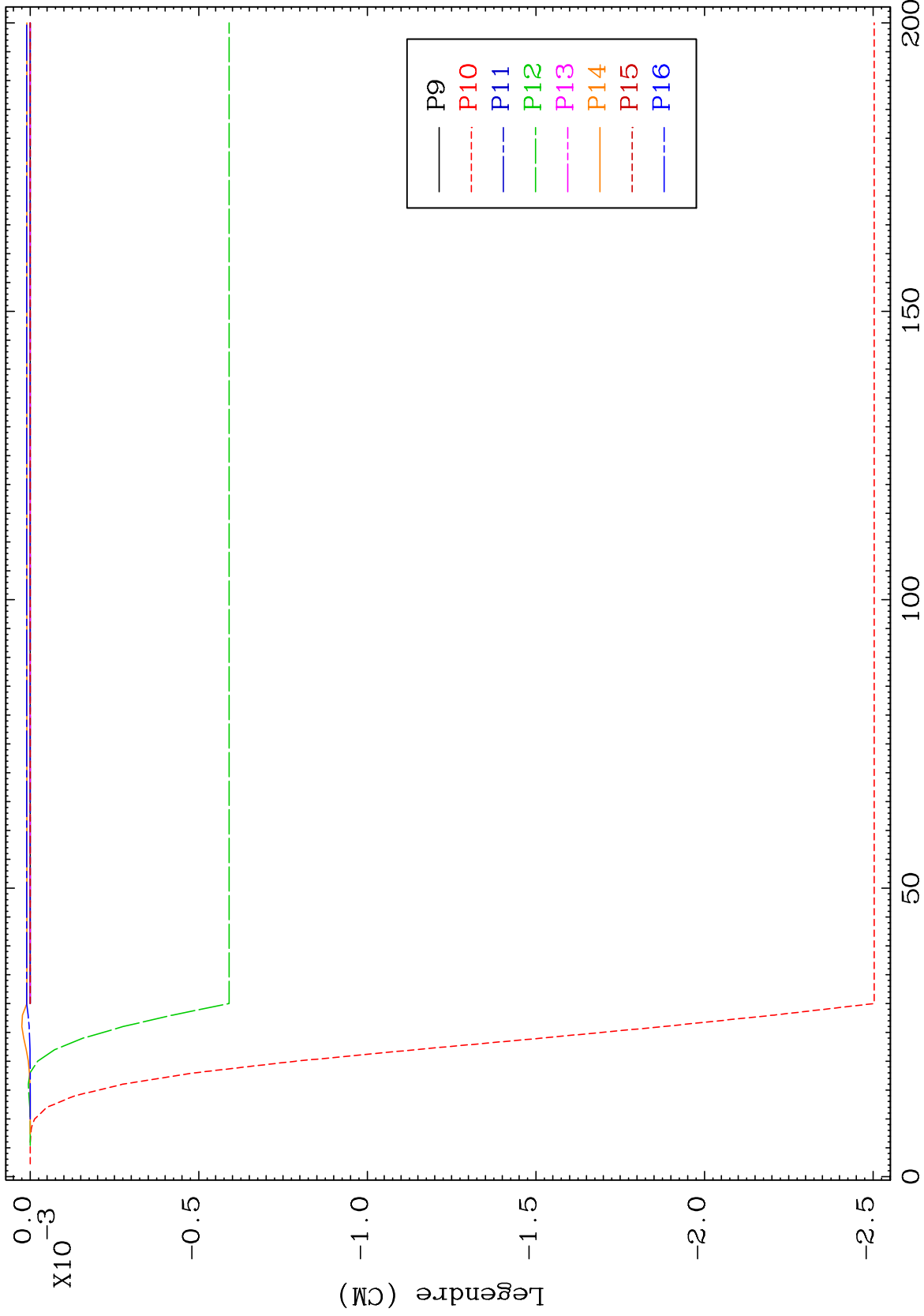
34-Se-77



MAT 3434

1.132 MeV (n,n') Level
Legendre Coefficients

34-Se-77



90

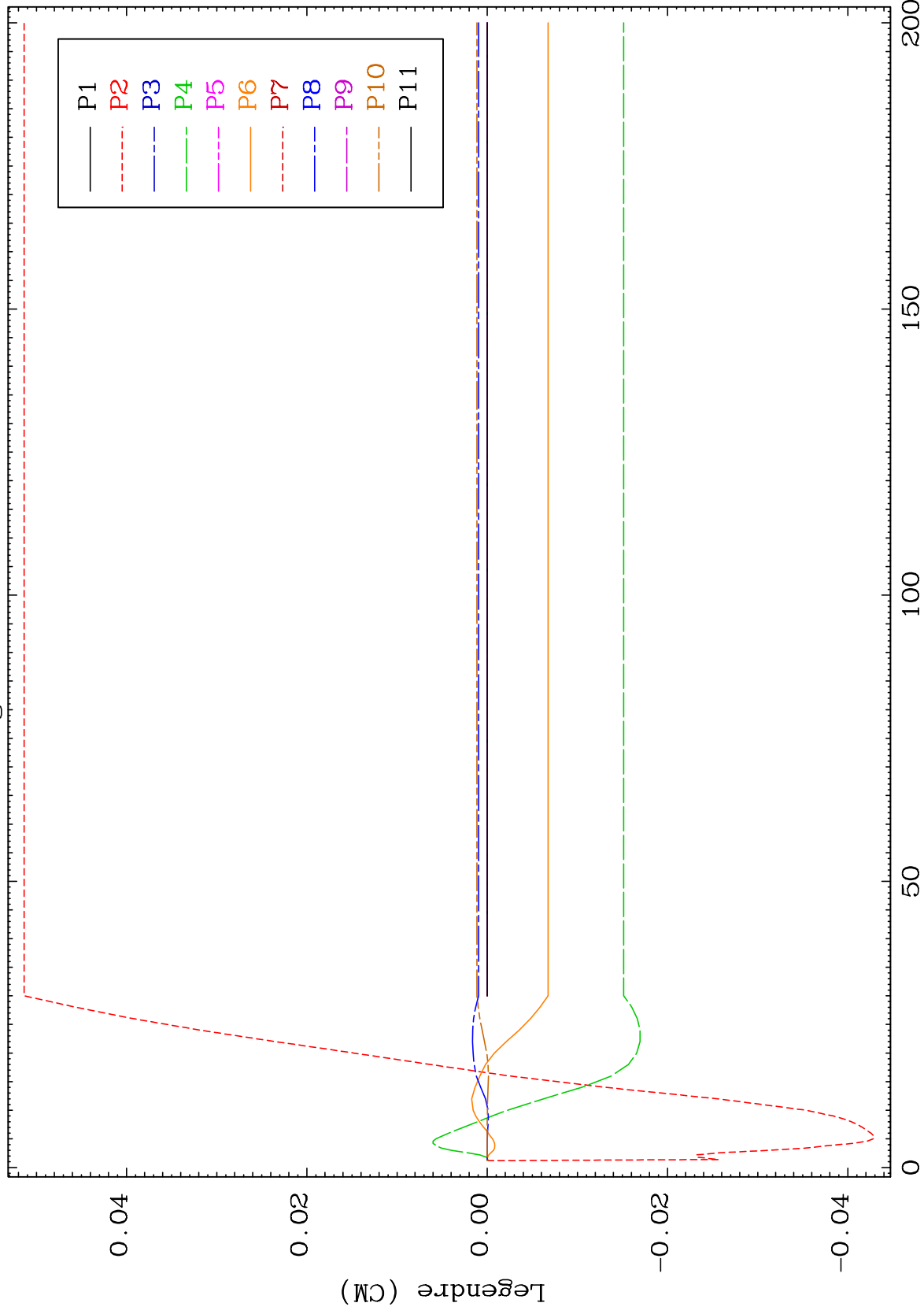
Incident Energy (MeV)

34-Se-77

MAT 3434

1.172 MeV (n,n') Level
Legendre Coefficients

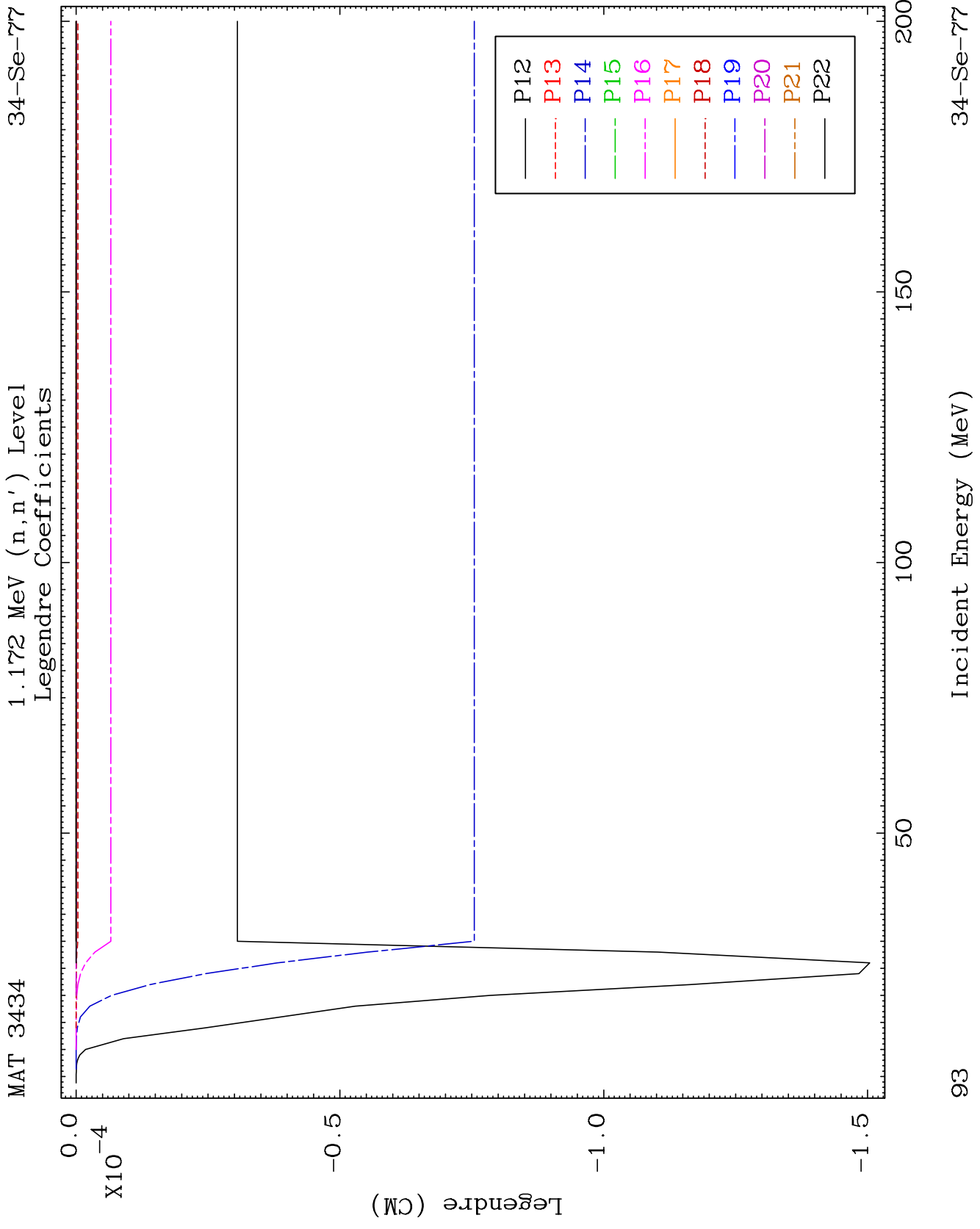
³⁴Se-77

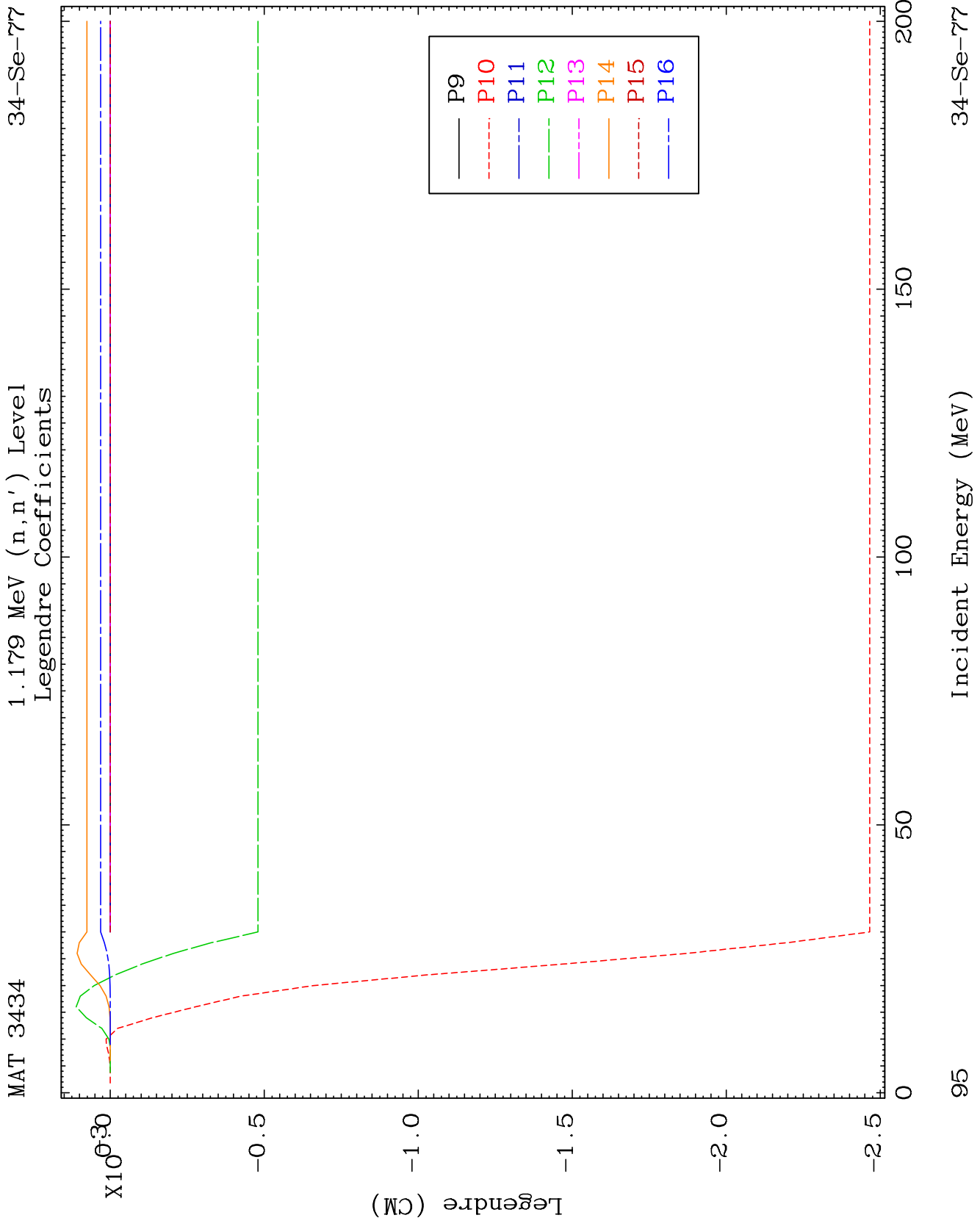


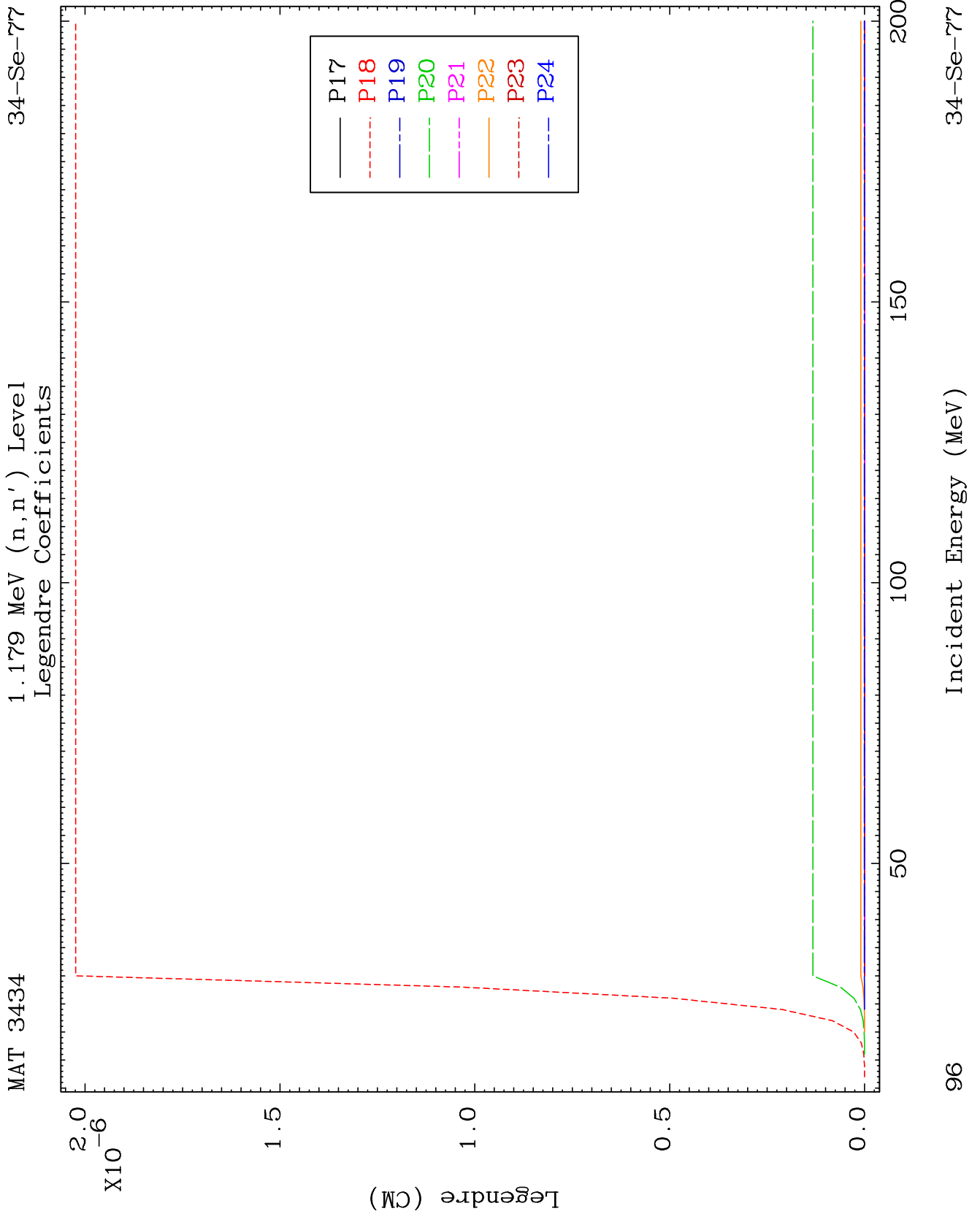
92

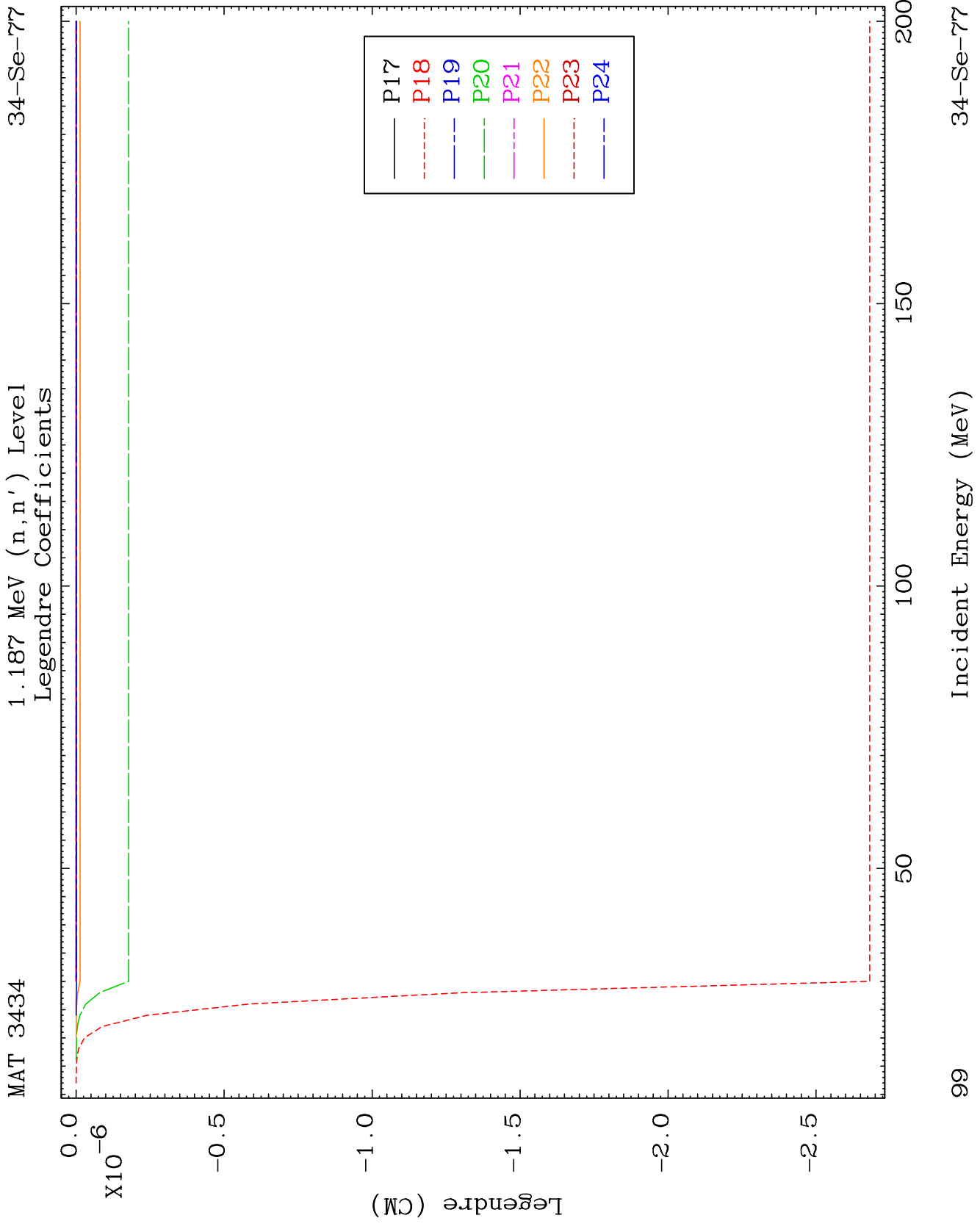
Incident Energy (MeV)

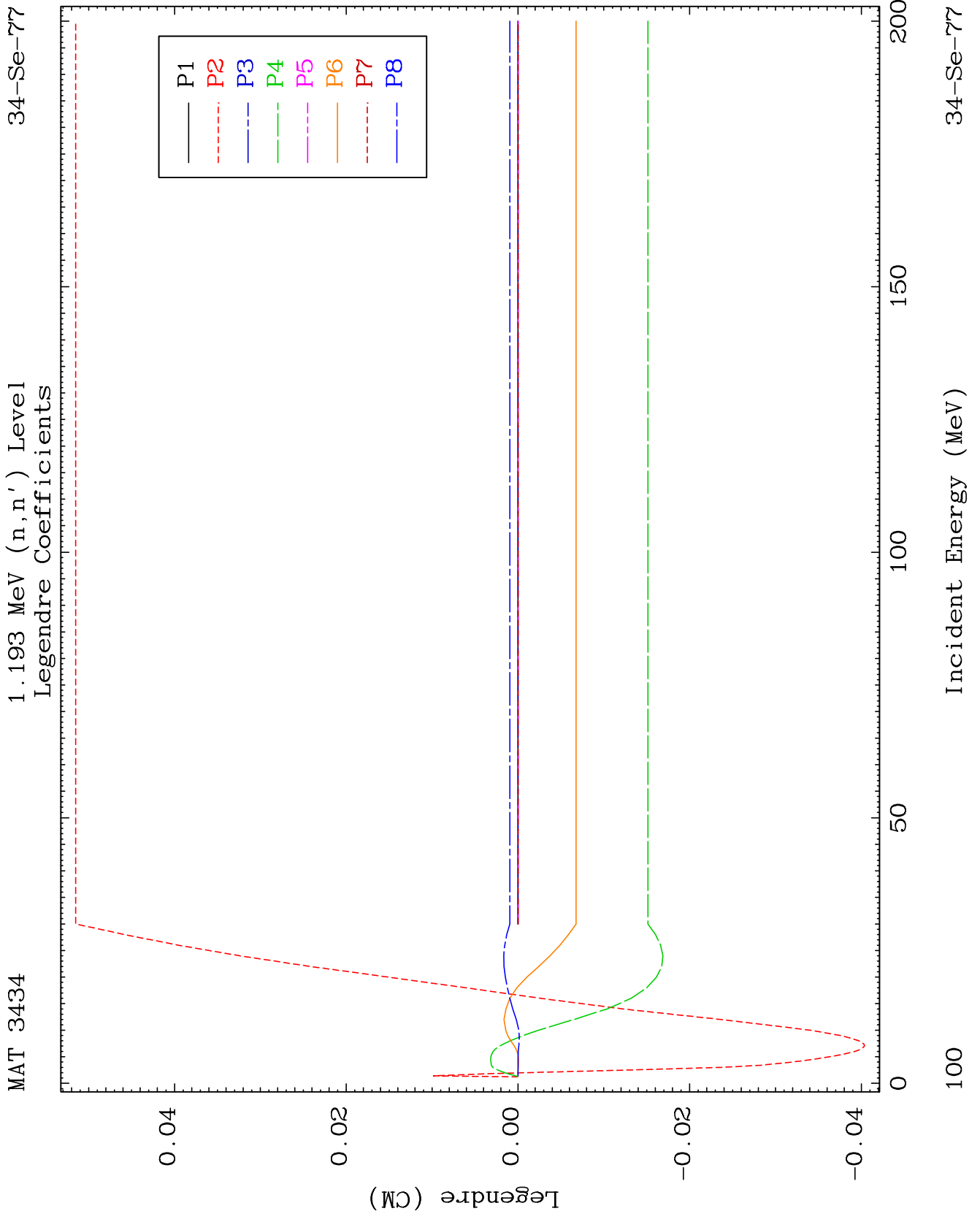
³⁴Se-77

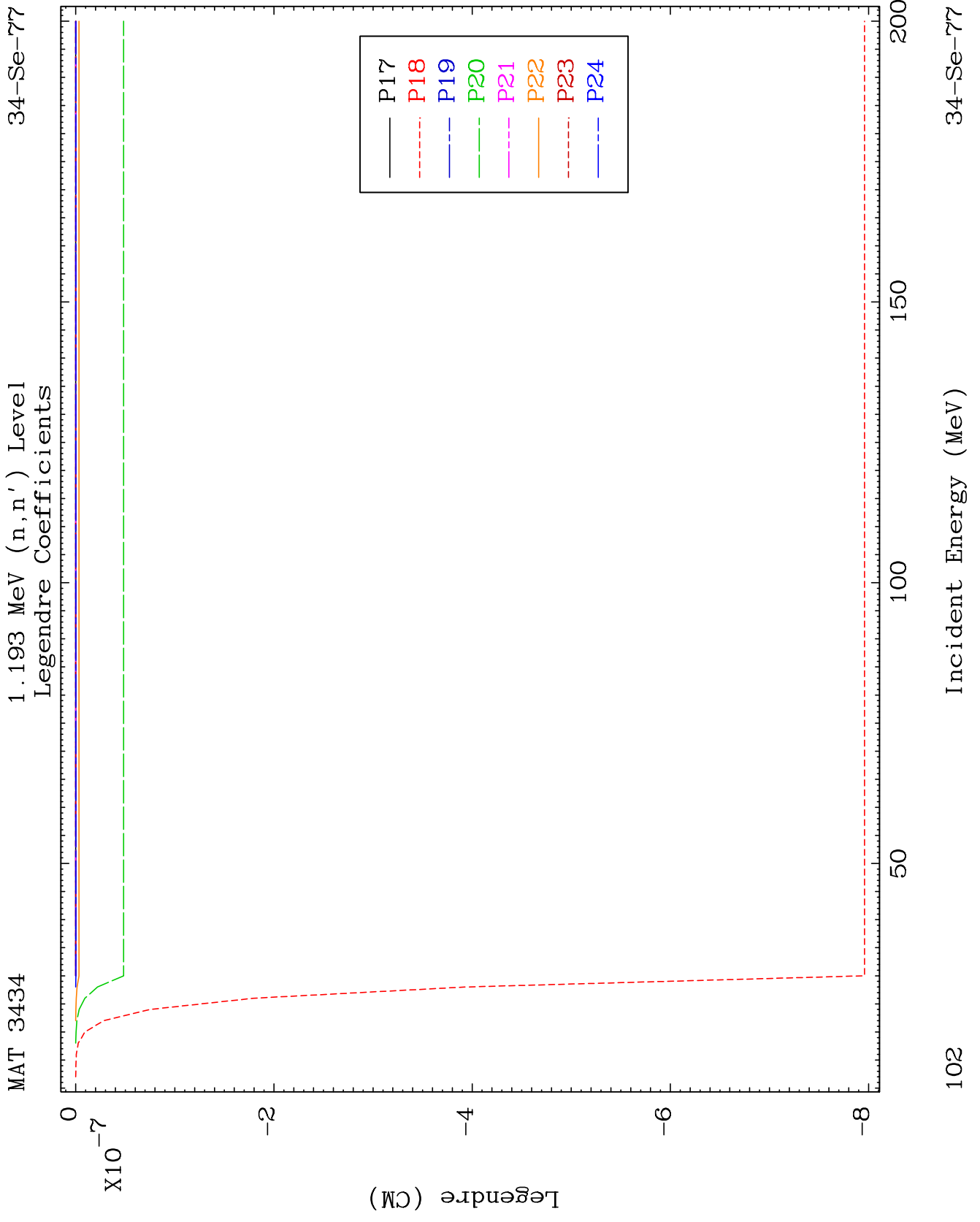


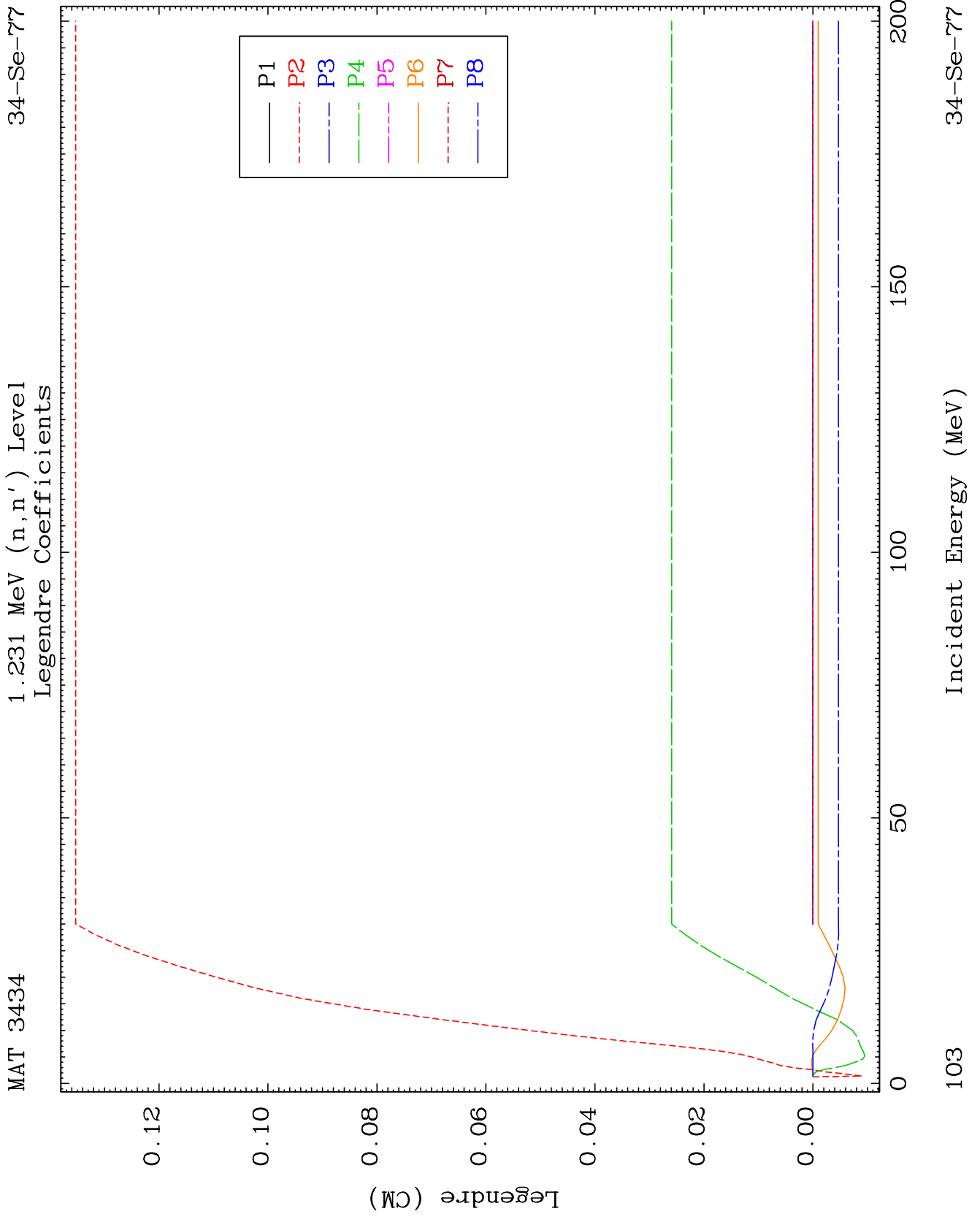


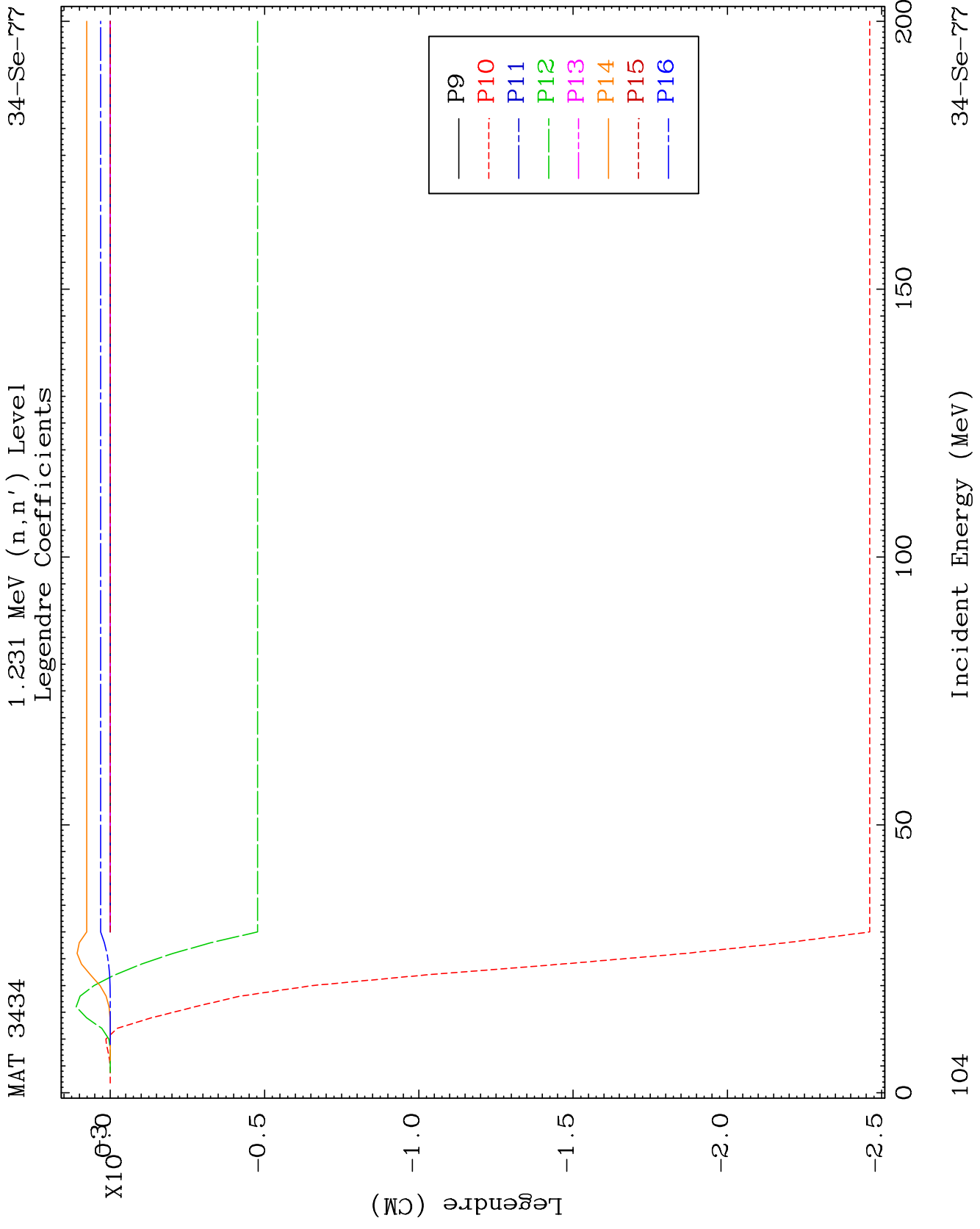








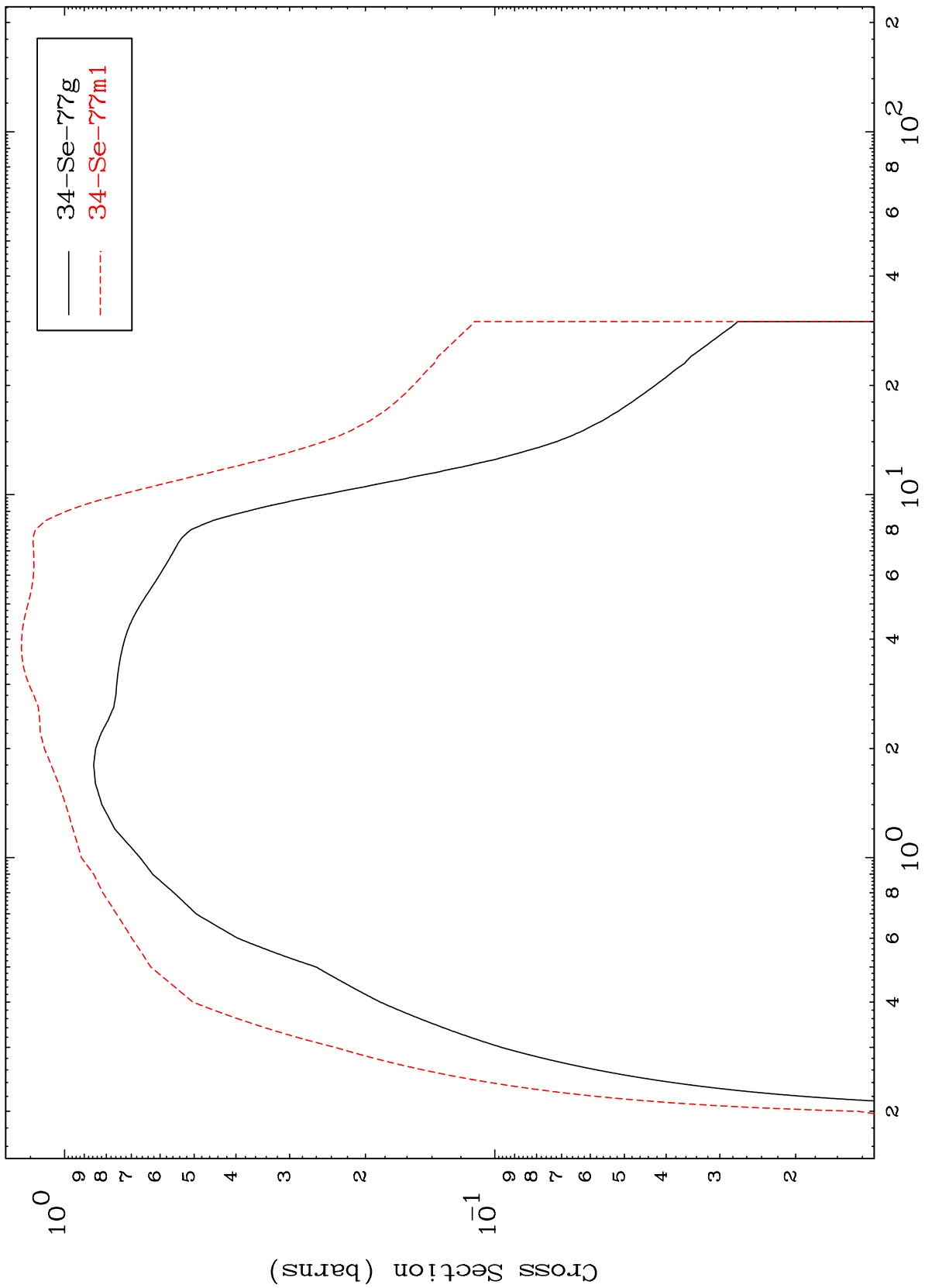




MAT 3434

³⁴Se-77

Inelastic
Radionuclide Production Cross Section



106

Incident Energy (MeV)

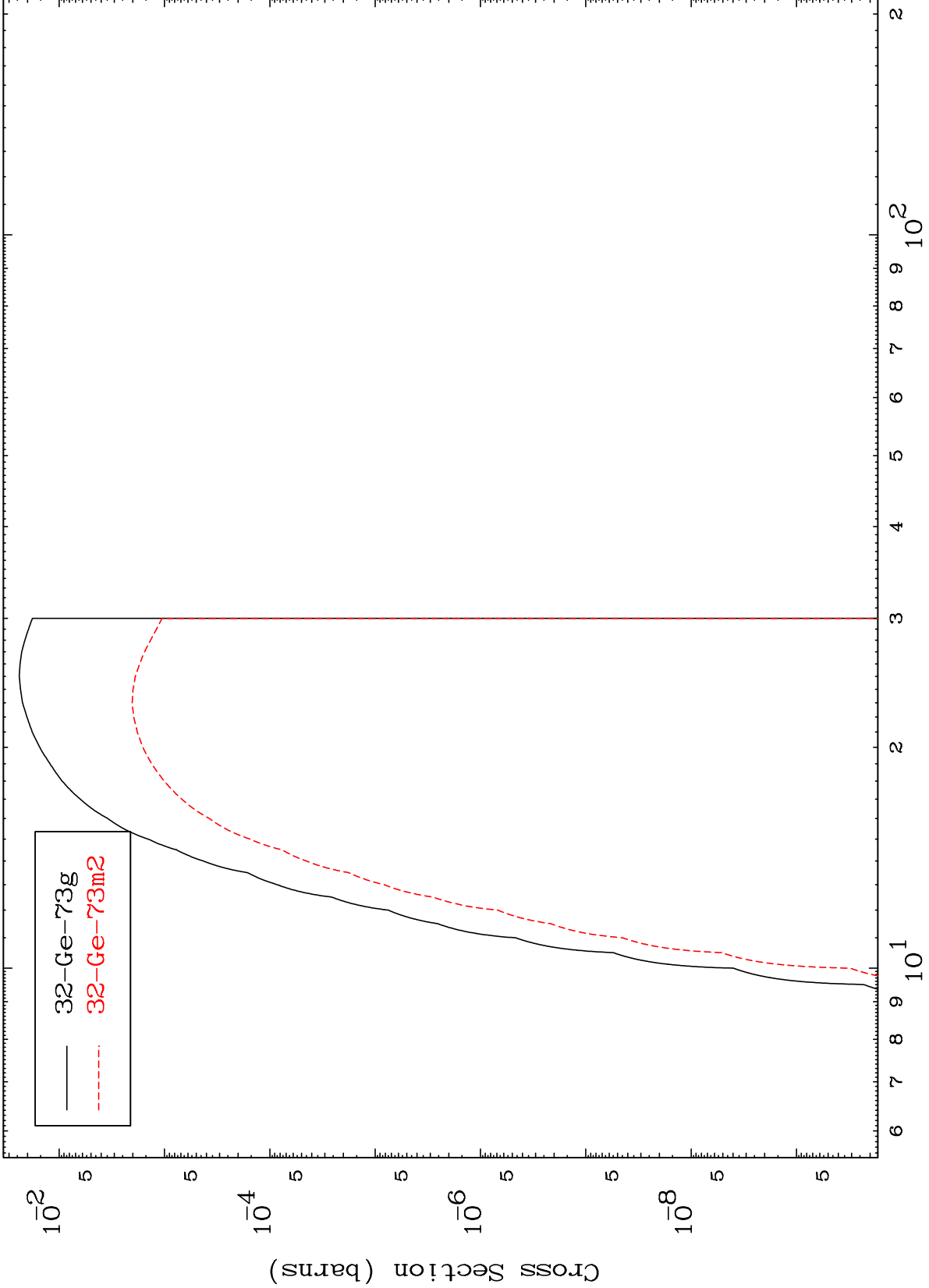
³⁴Se-77

MAT 3434

$(n, n') \alpha$

34-^{Se}-77

Radionuclide Production Cross Section



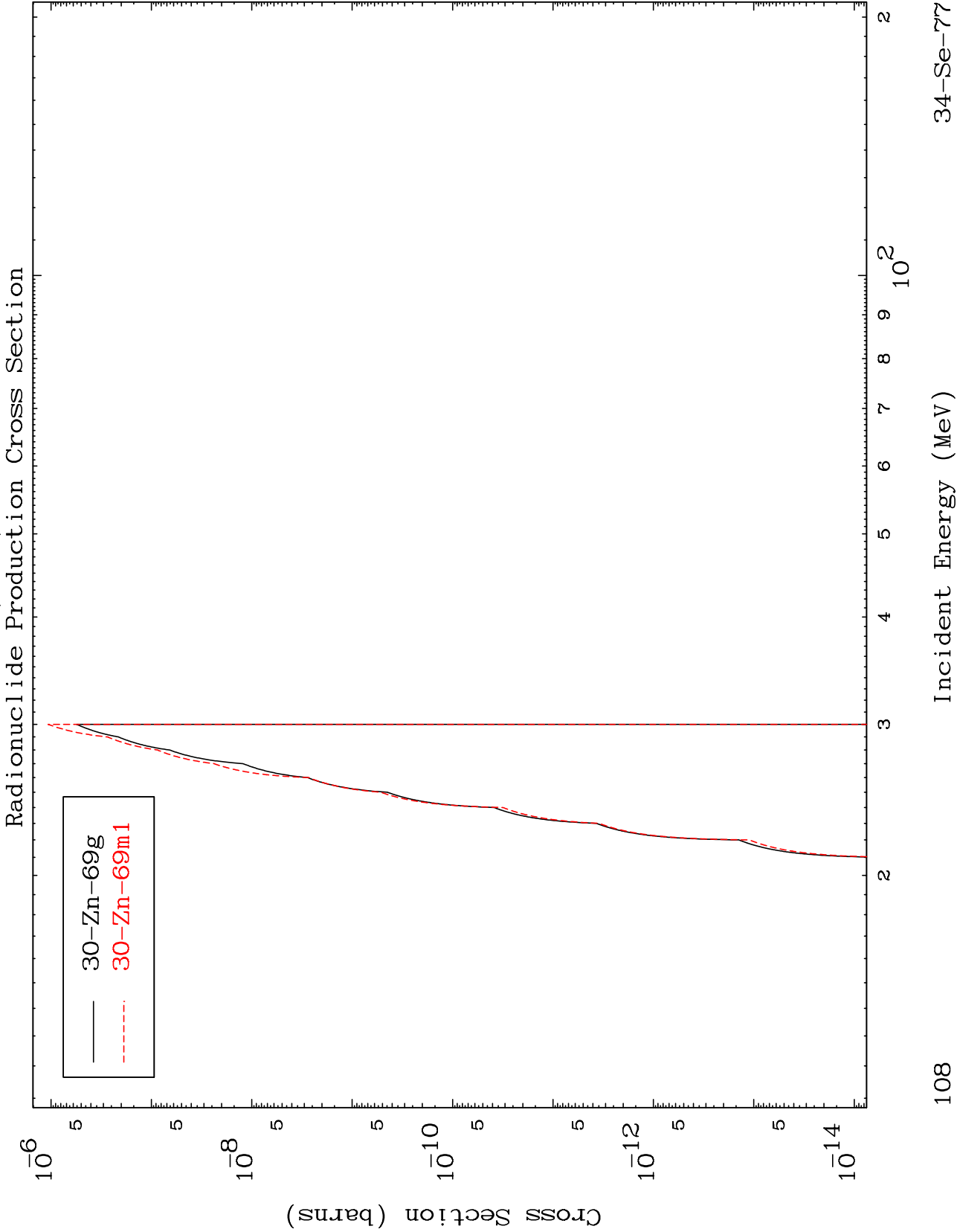
107

34-^{Se}-77

MAT 3434

(n,n') 2α

34-Se-77



108

Incident Energy (MeV)

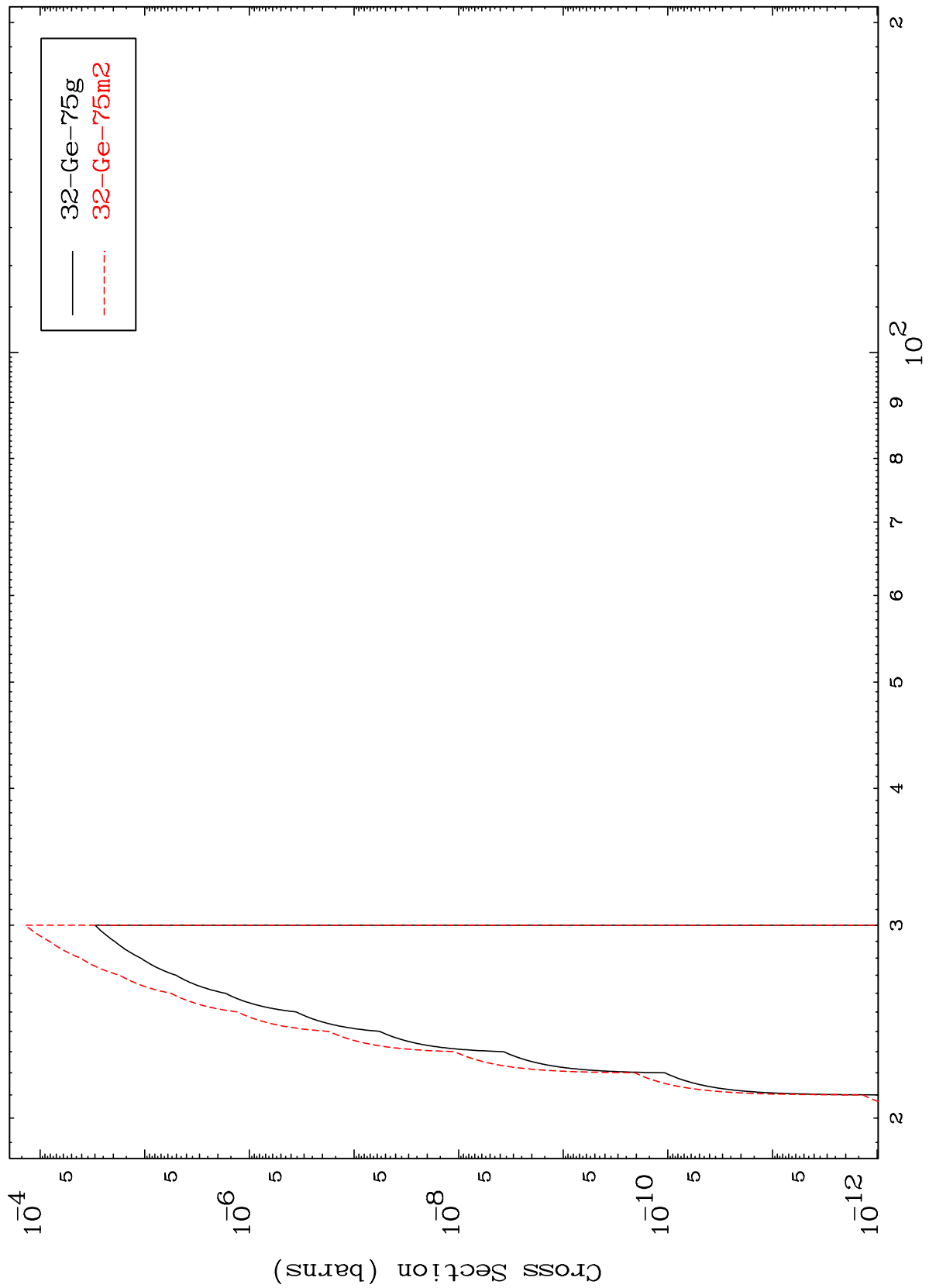
34-Se-77

MAT 3434

(n,2n) p

34-^{Se}-77

Radionuclide Production Cross Section



32-^{Ge}-75g
32-^{Ge}-75m2

109

Incident Energy (MeV)

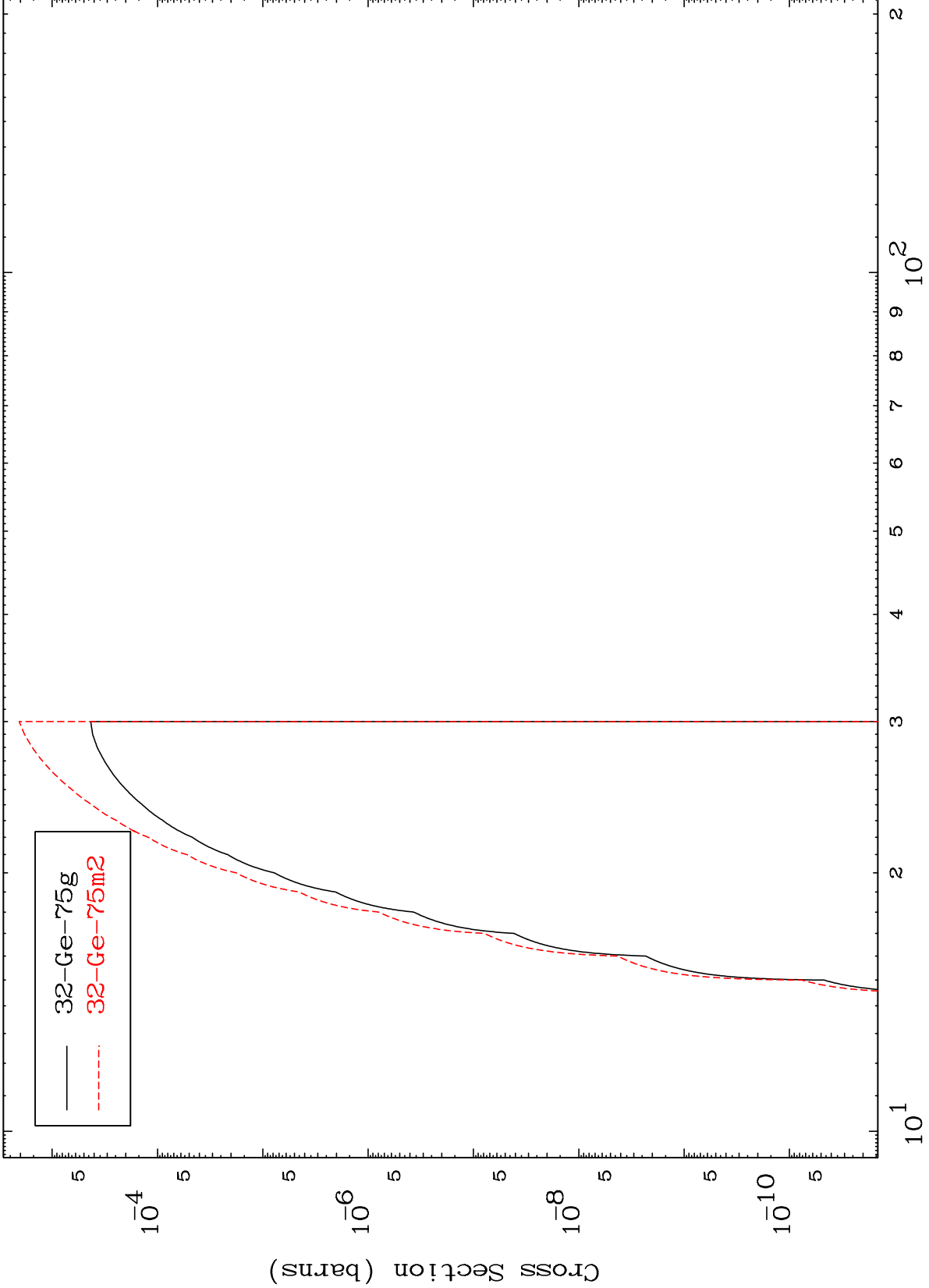
34-^{Se}-77

MAT 3434

(n,He-3)

34-Se-77

Radionuclide Production Cross Section



32-Ge-75g
32-Ge-75m2

Incident Energy (MeV)

34-Se-77

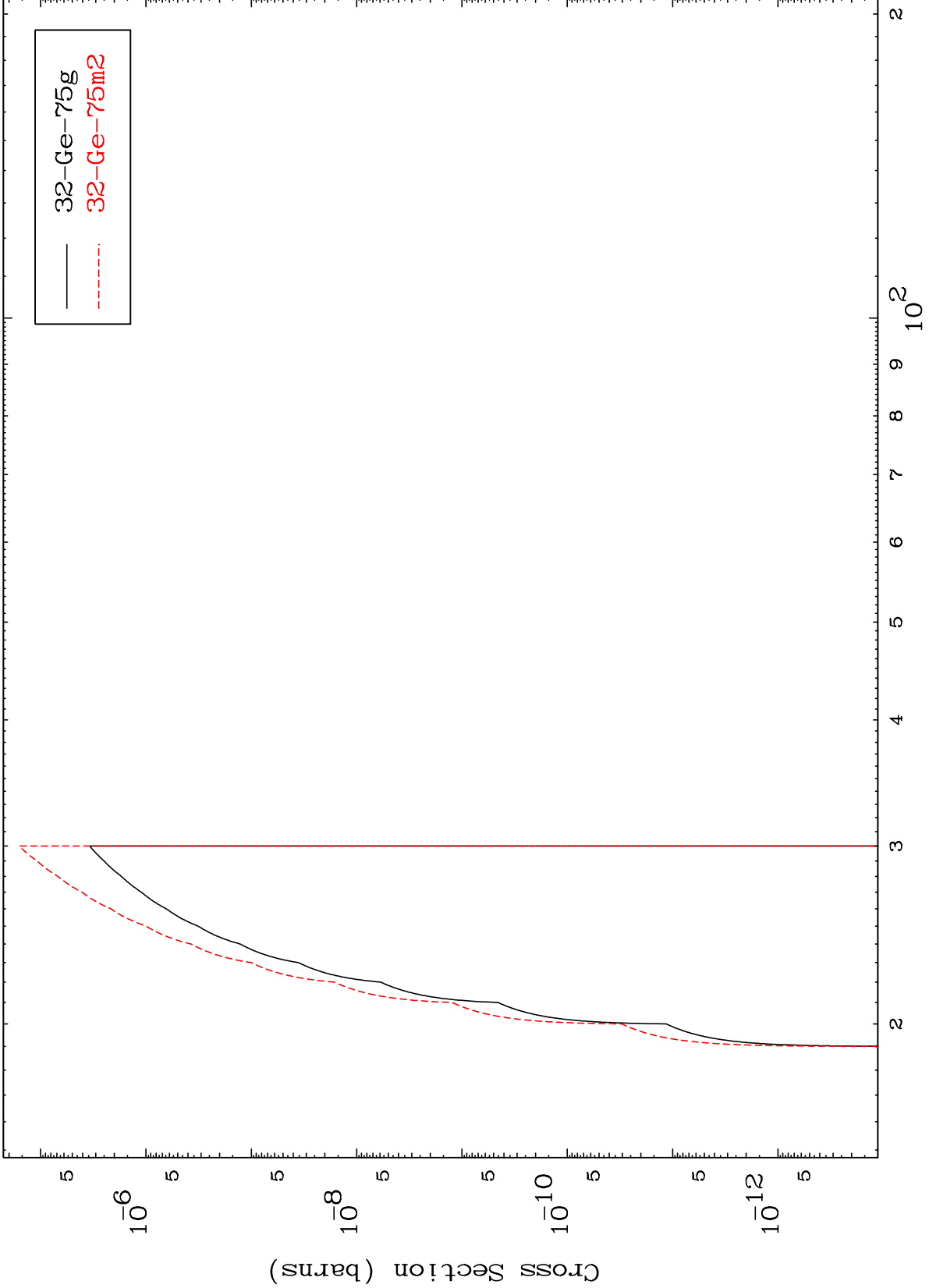
110

MAT 3434

(n,p) d

³⁴Se-77

Radionuclide Production Cross Section



111

Incident Energy (MeV)

³⁴Se-77