

Program EVALPLOT
(Version 2021-1)

by

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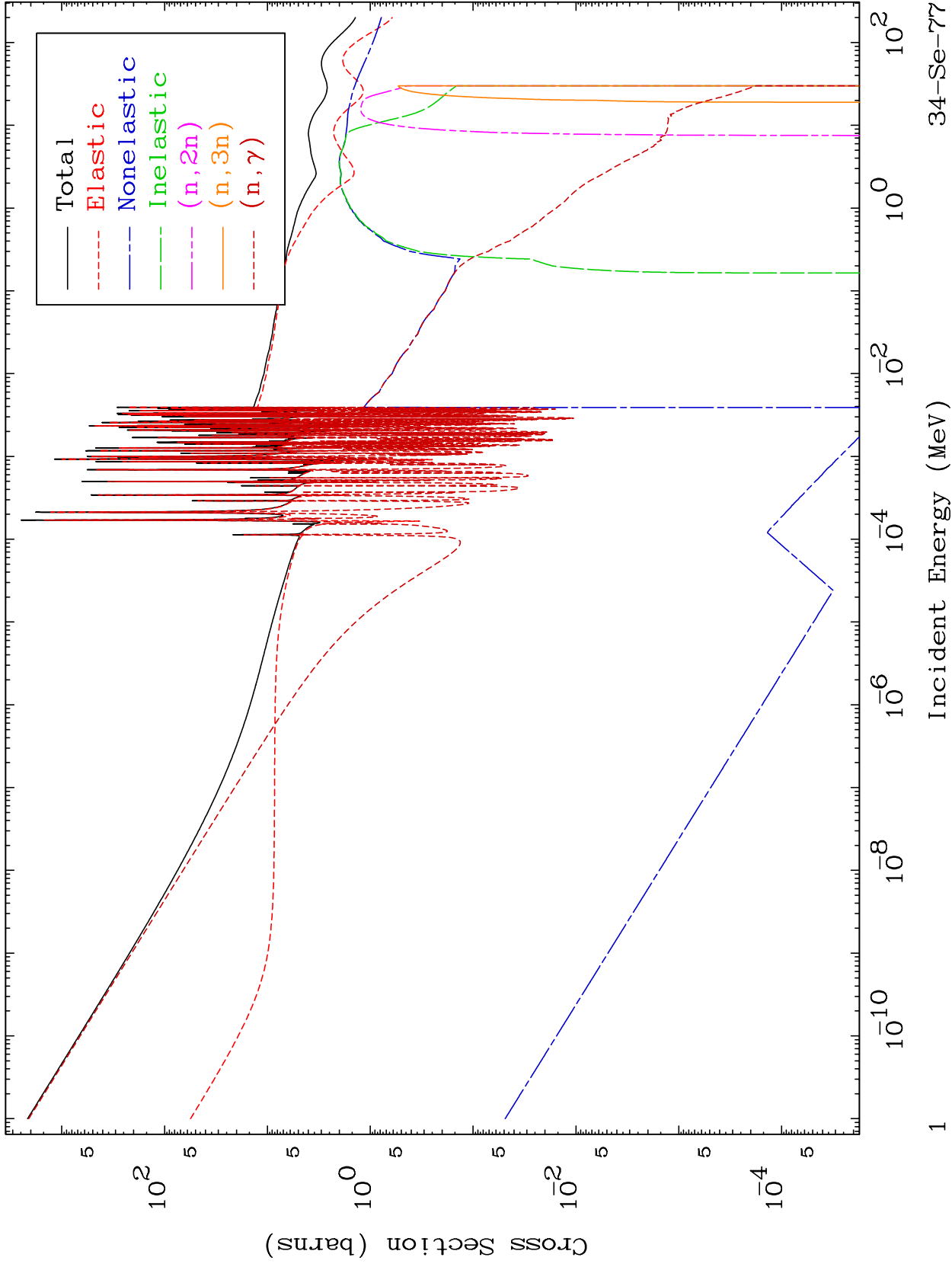
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3434

Neutron Major
293 Kelvin Cross Sections

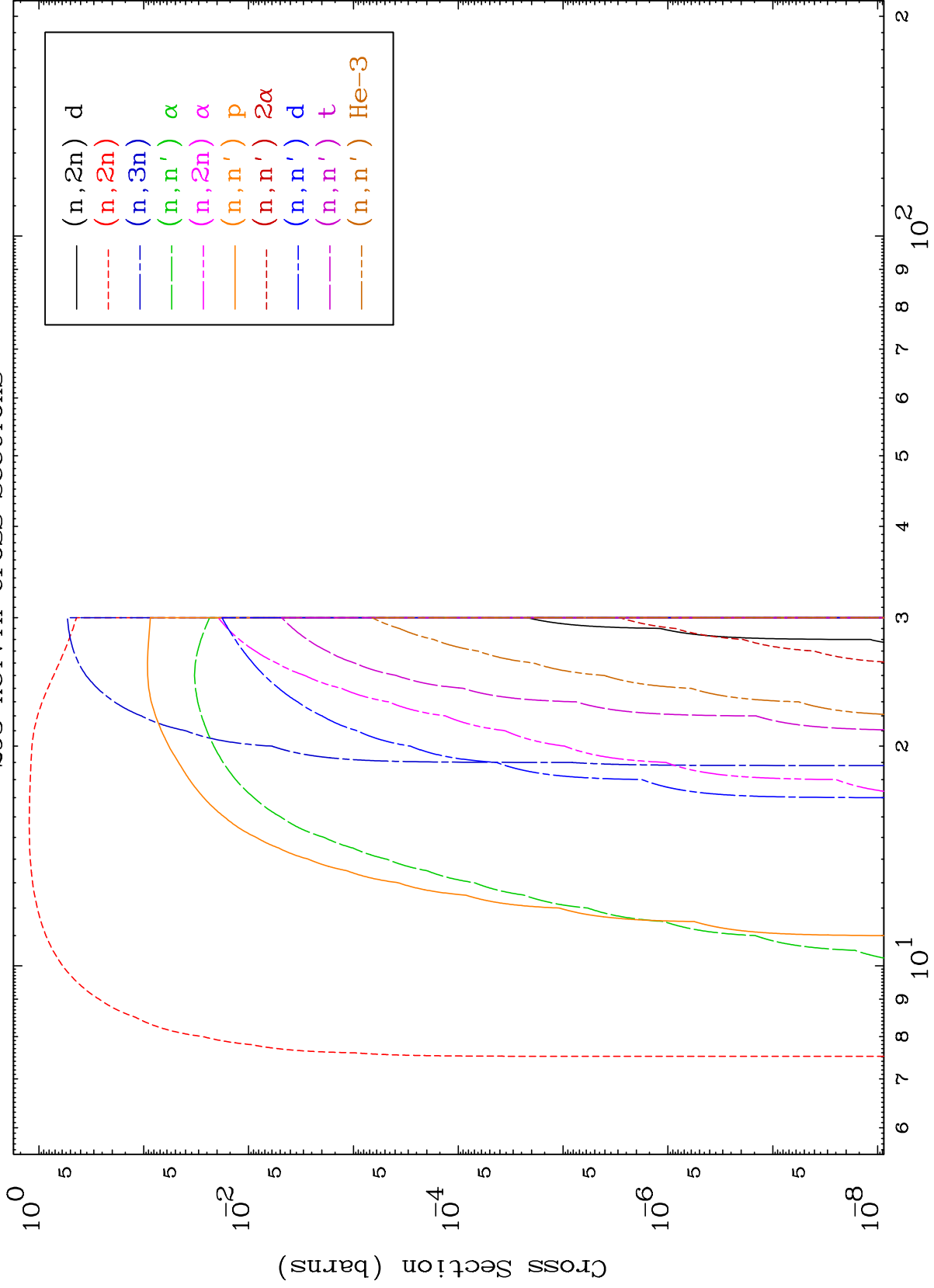
34-Se-77



MAT 3434

Neutron Absorption
293 Kelvin Cross Sections

34-Se-77



2

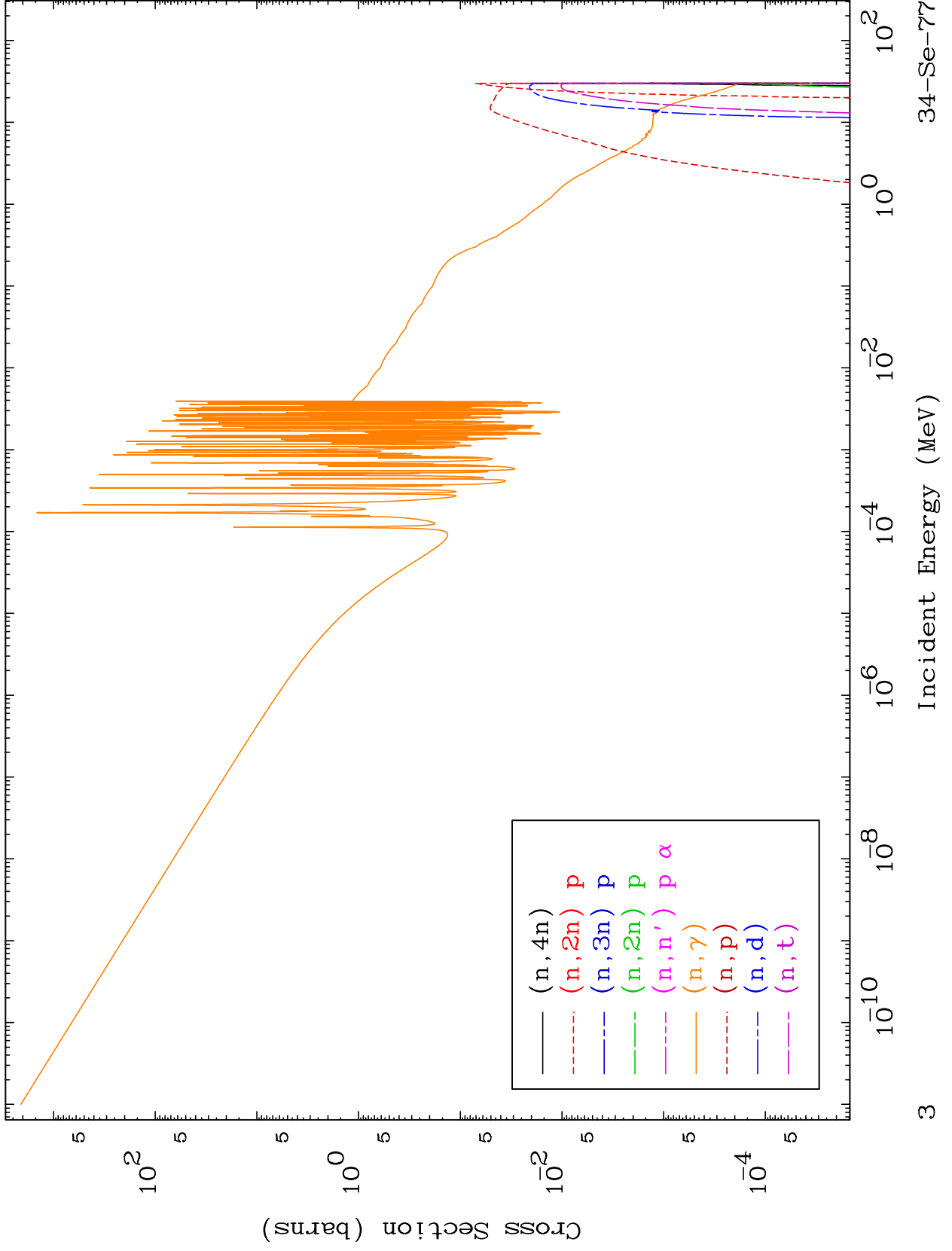
Incident Energy (MeV)

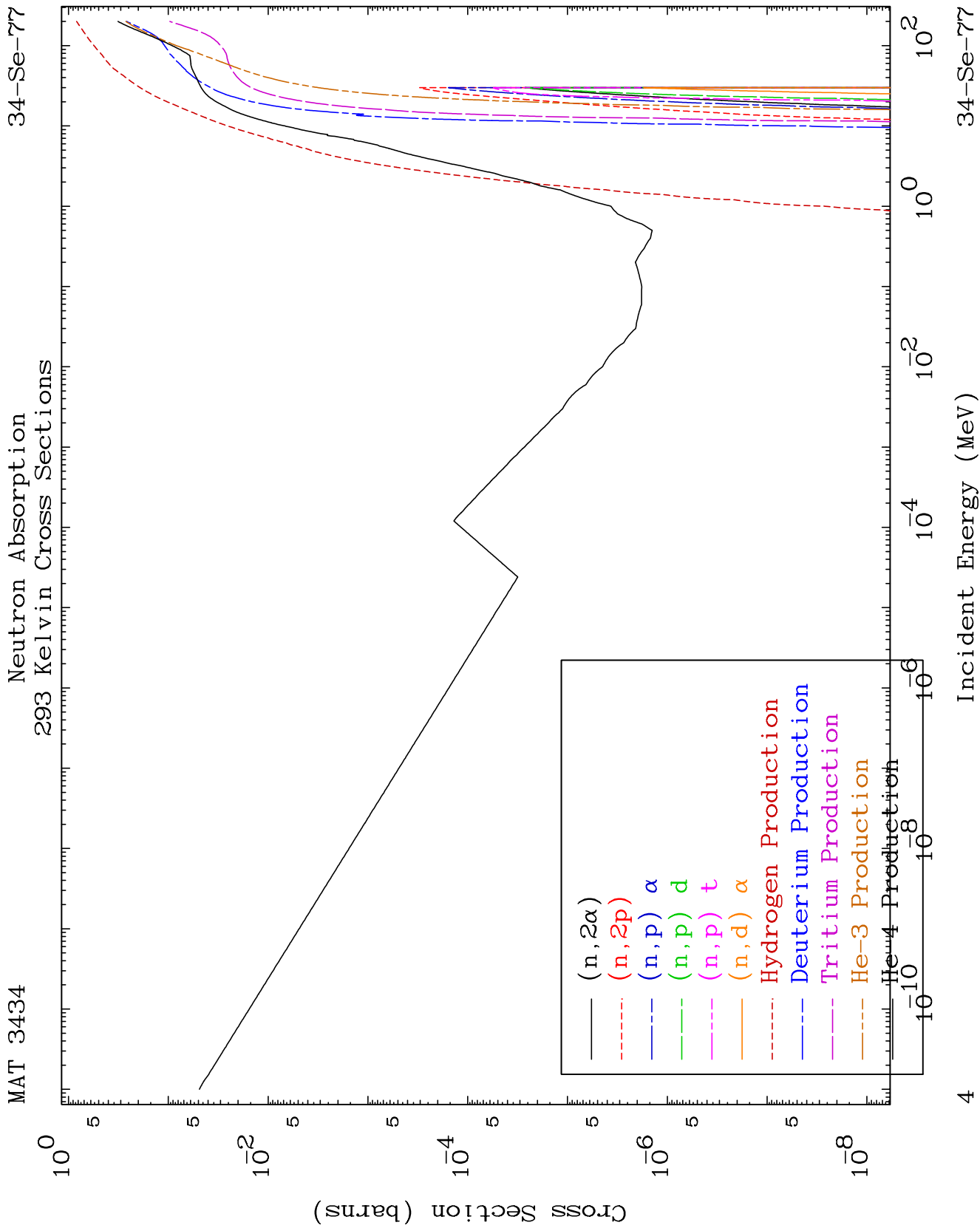
34-Se-77

MAT 3434

Neutron Absorption
293 Kelvin Cross Sections

³⁴Se-77

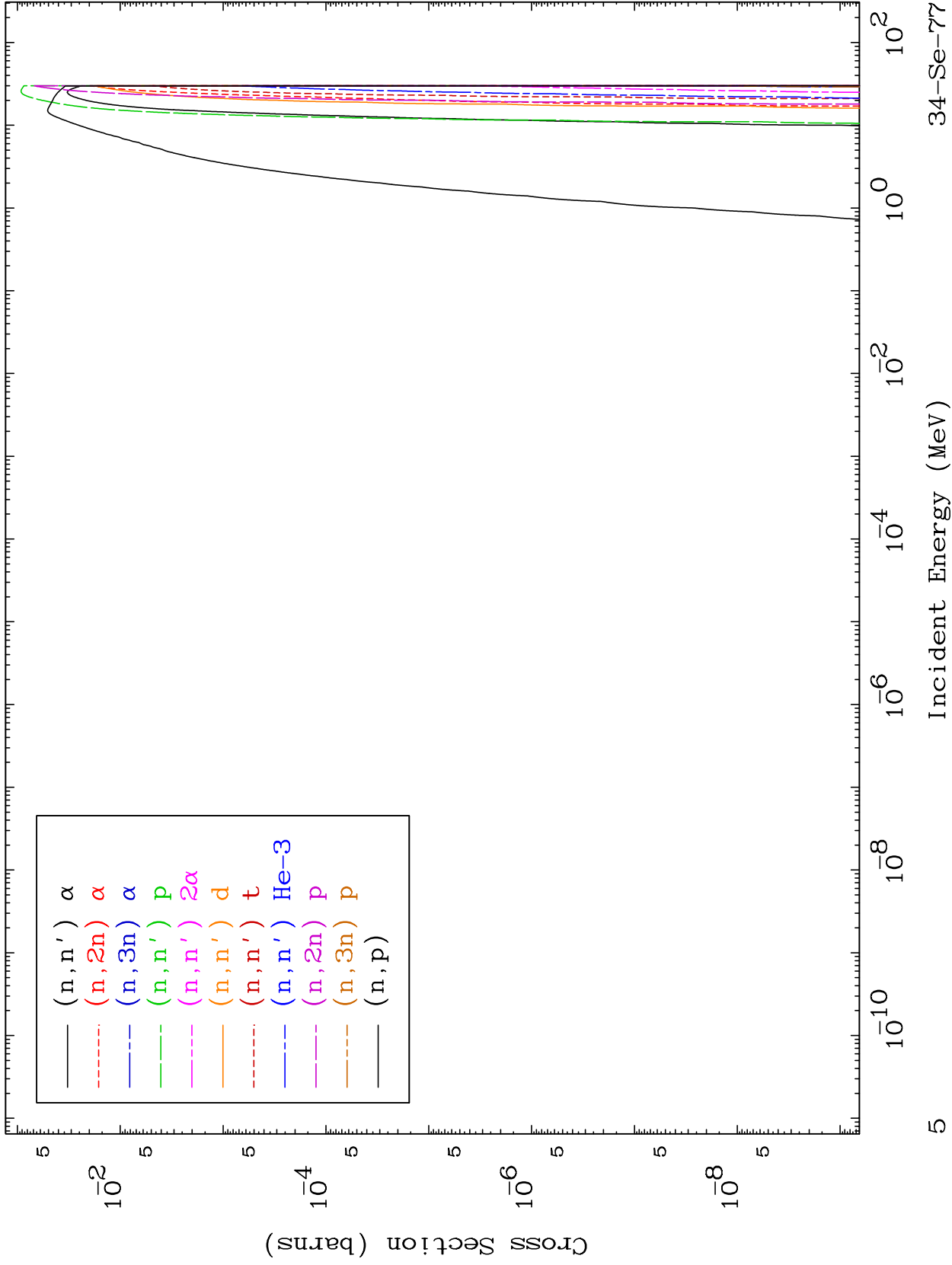




MAT 3434

Charged Particle
293 Kelvin Cross Sections

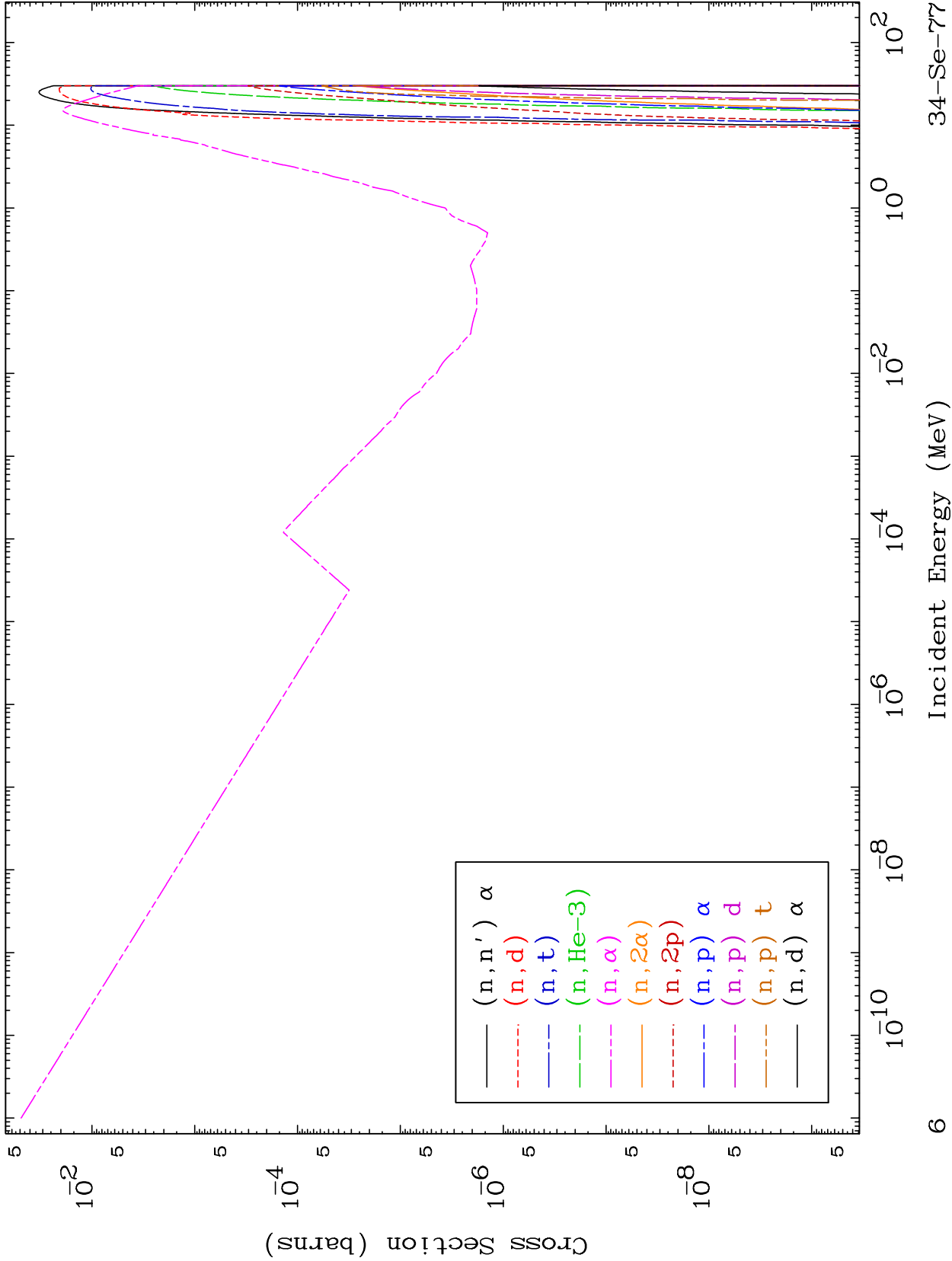
34-Se-77

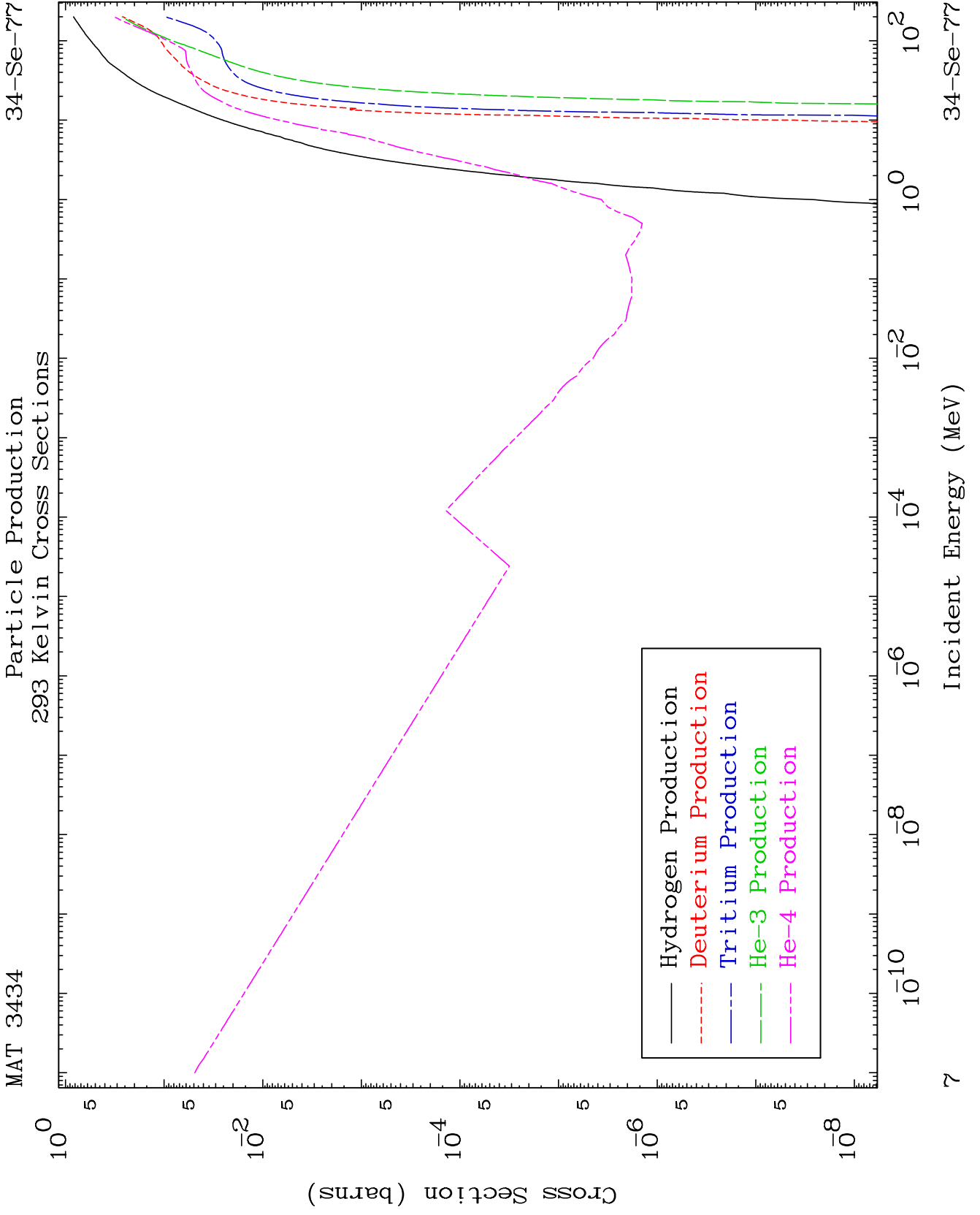


MAT 3434

Charged Particle
293 Kelvin Cross Sections

34-Se-77



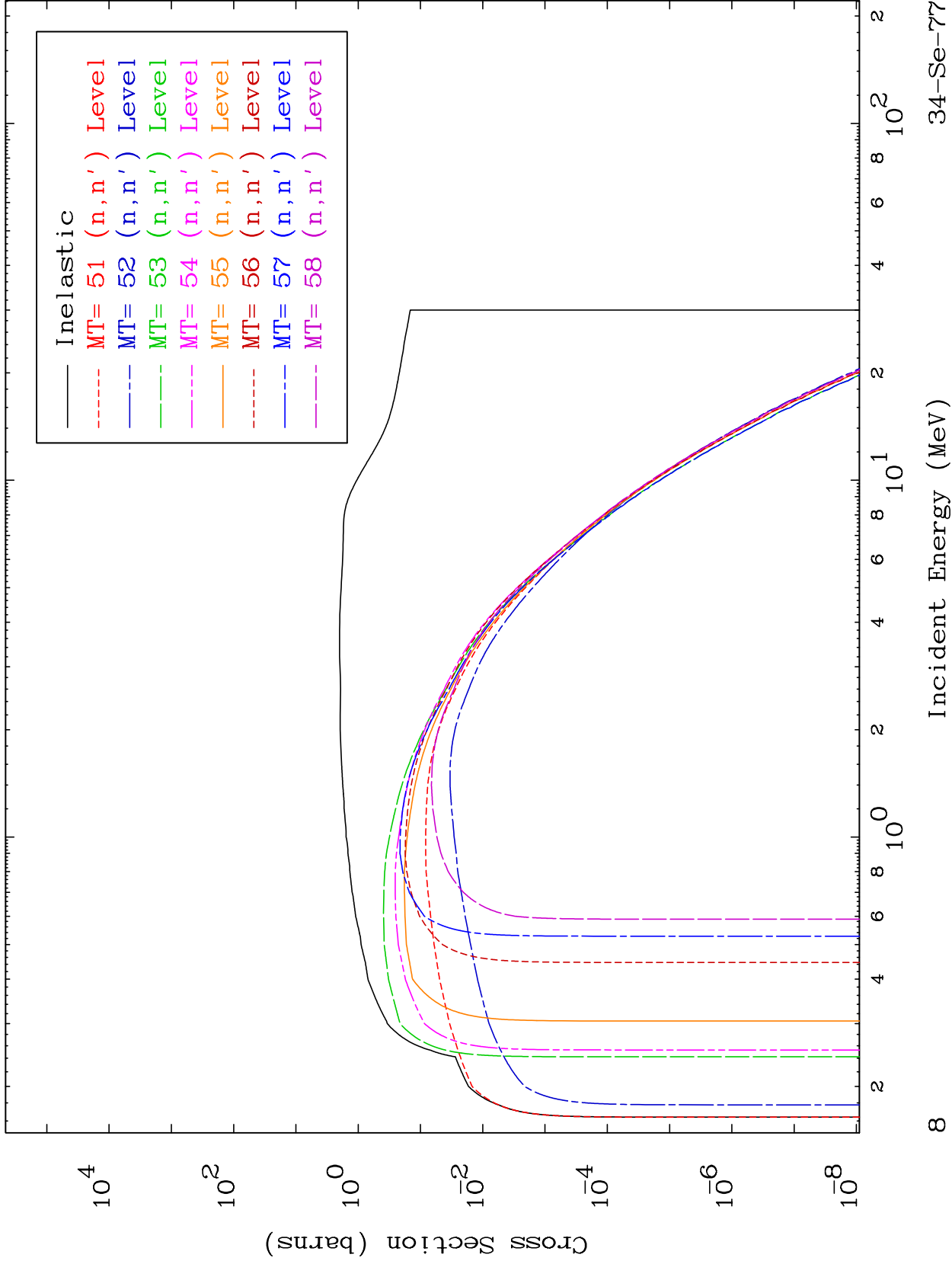


MAT 3434

(n,n') Levels

34-Se-77

293 Kelvin Cross Sections



8

Incident Energy (MeV)

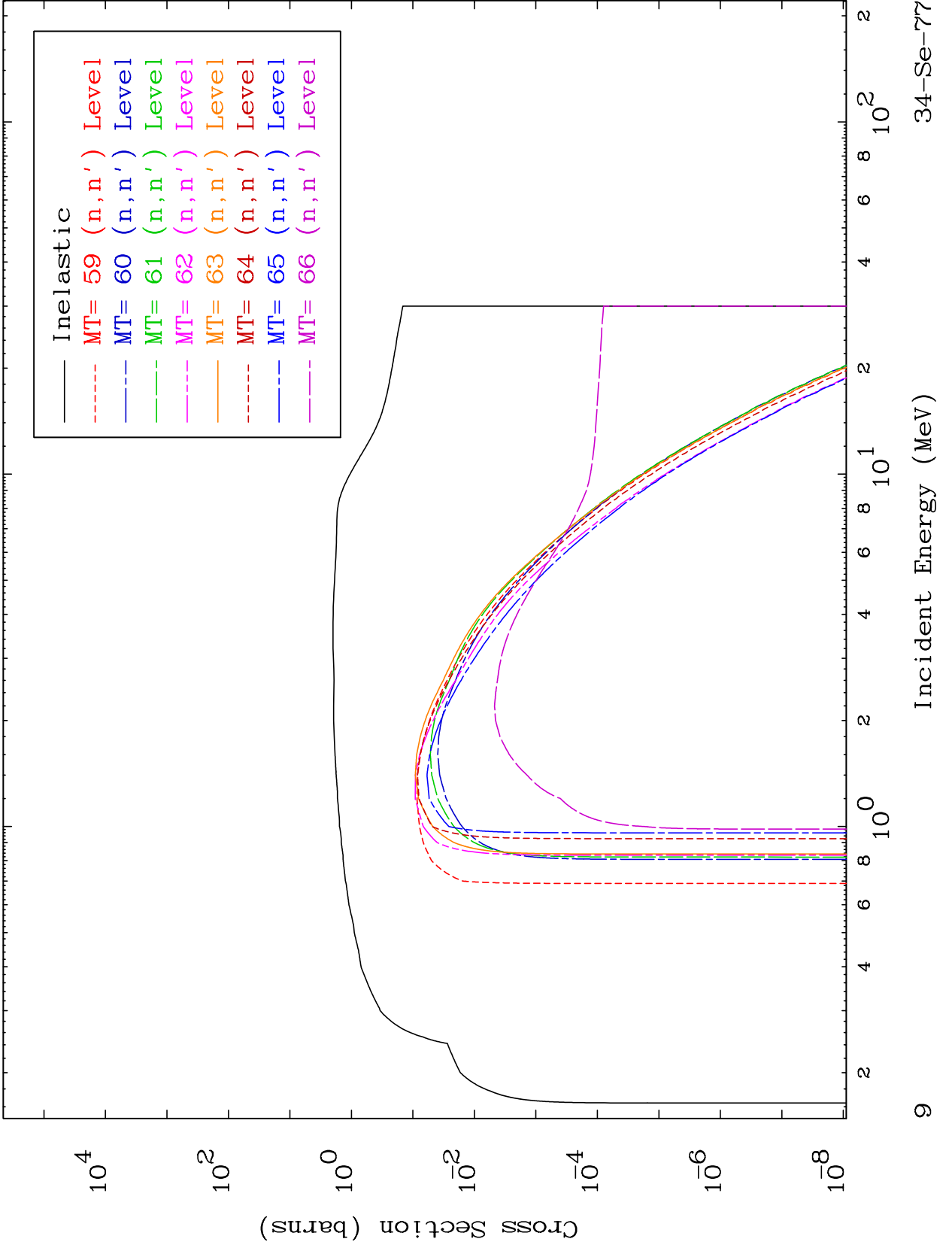
34-Se-77

MAT 3434

(n,n') Levels

34-Se-77

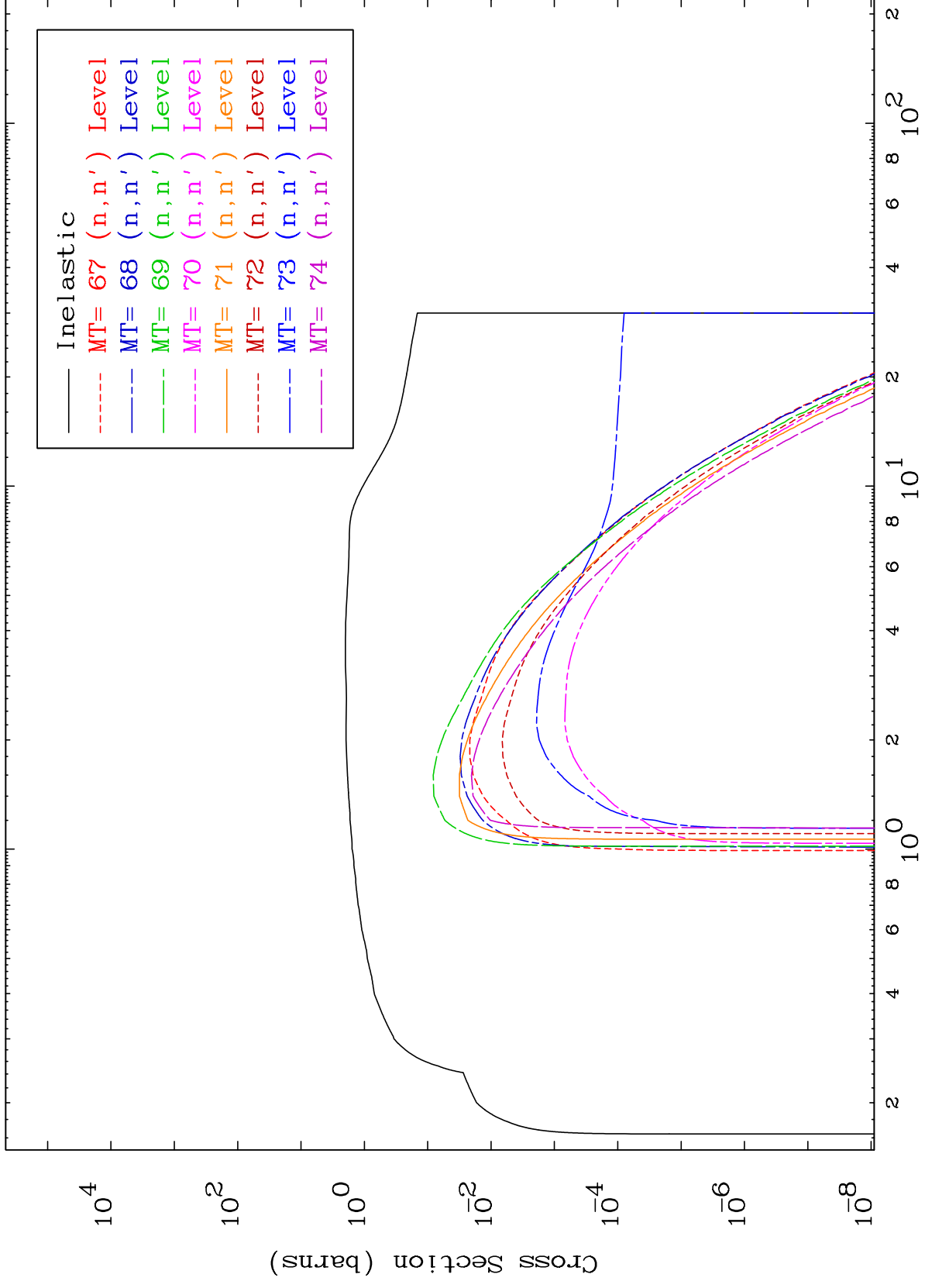
293 Kelvin Cross Sections



MAT 3434

(n,n') Levels
293 Kelvin Cross Sections

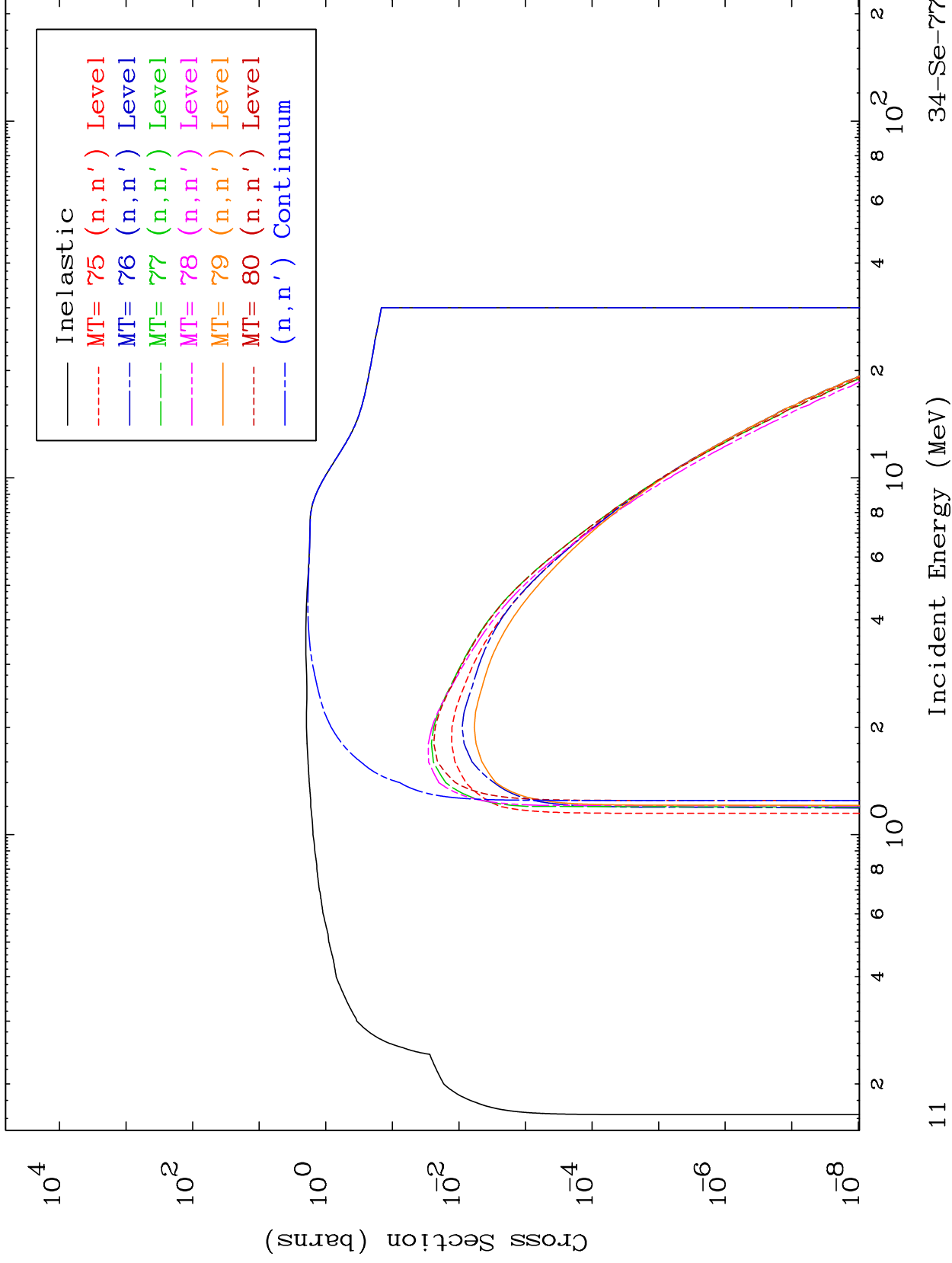
34-Se-77



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Incident Energy (MeV)

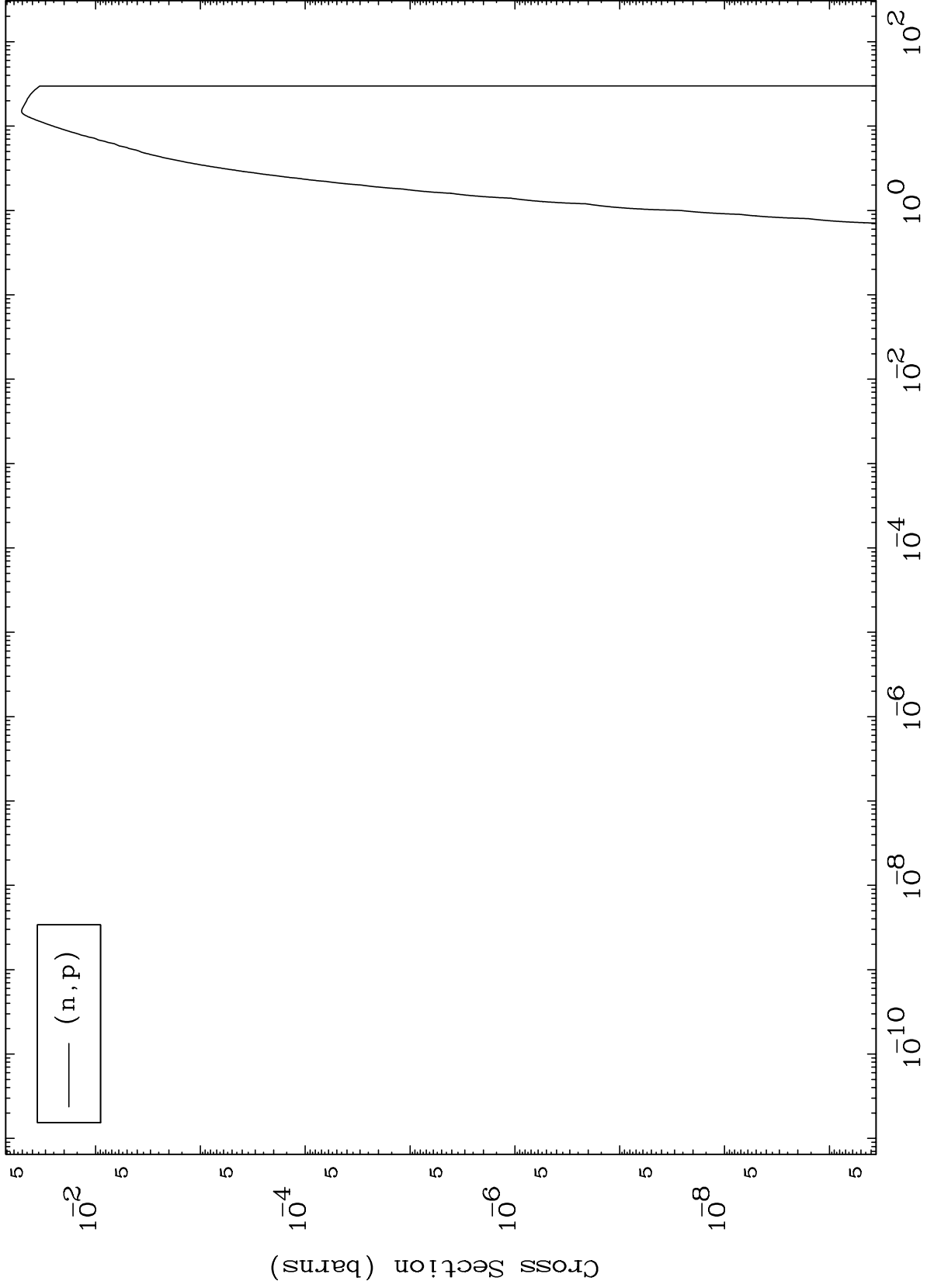
34-Se-77



MAT 3434

(n,p) Levels
293 Kelvin Cross Sections

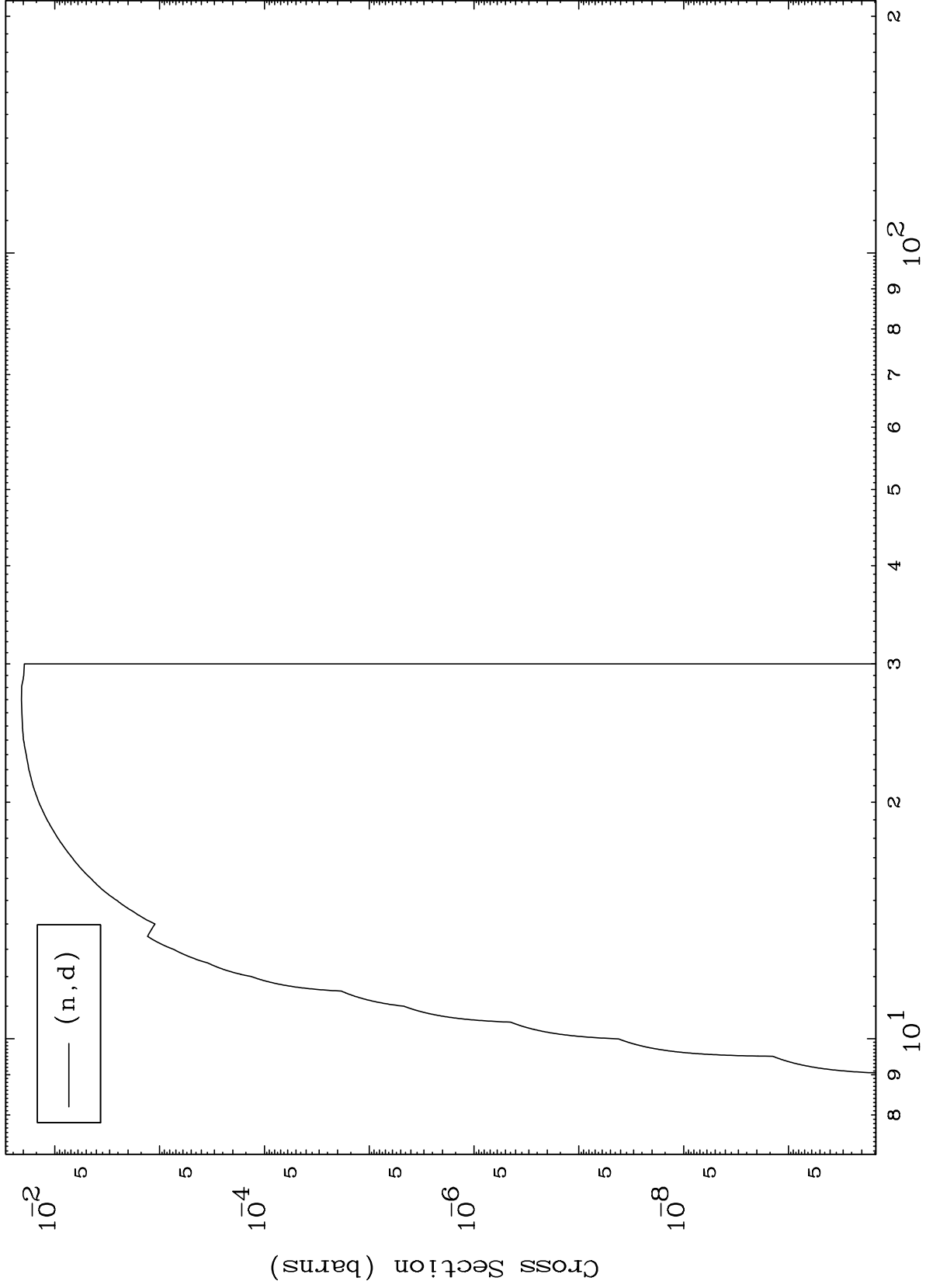
34-Se-77



MAT 3434

(n,d) Levels
293 Kelvin Cross Sections

34-Se-77



13

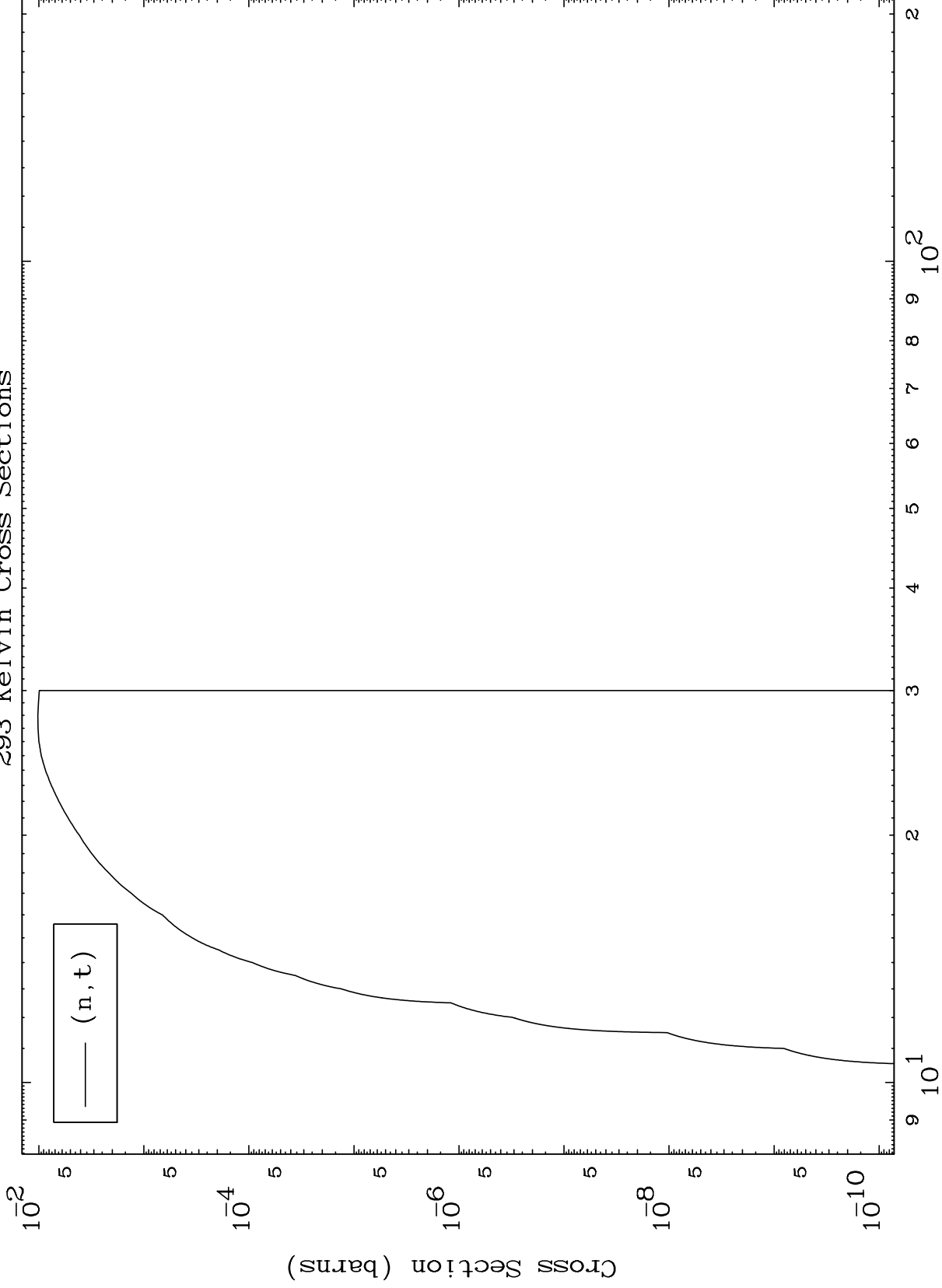
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,t) Levels
293 Kelvin Cross Sections

34-Se-77



14

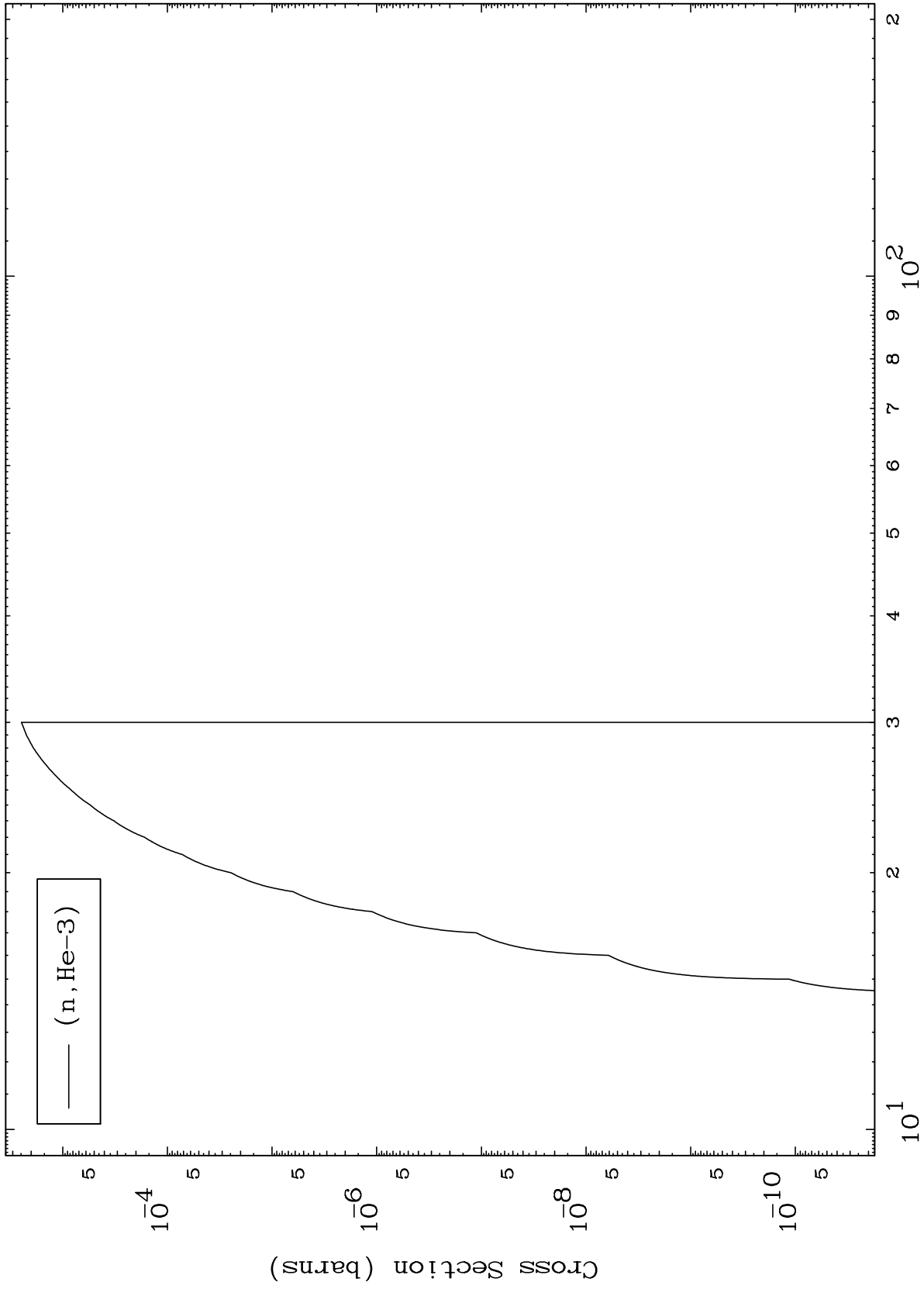
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-77



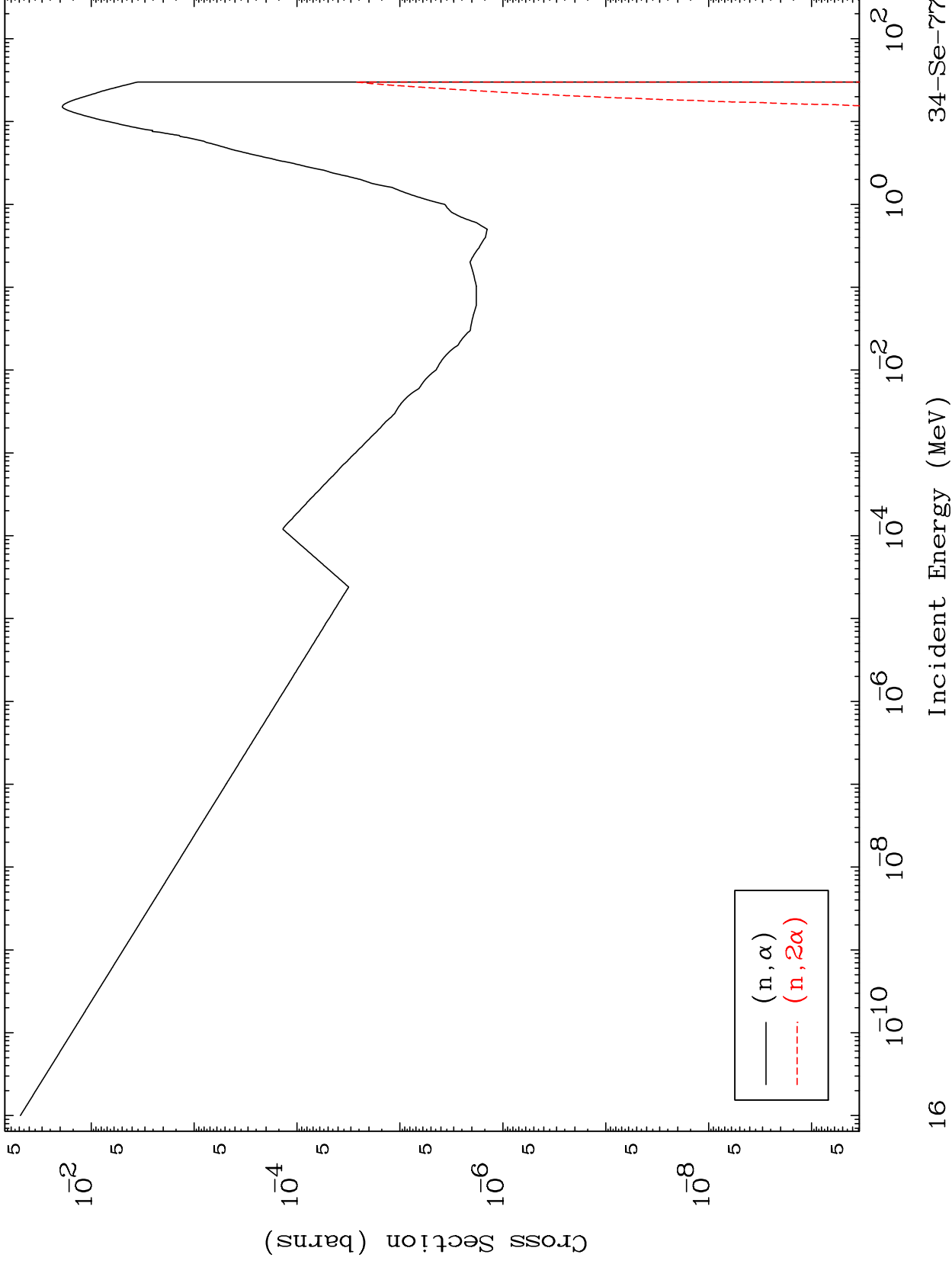
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,α) Levels
293 Kelvin Cross Sections

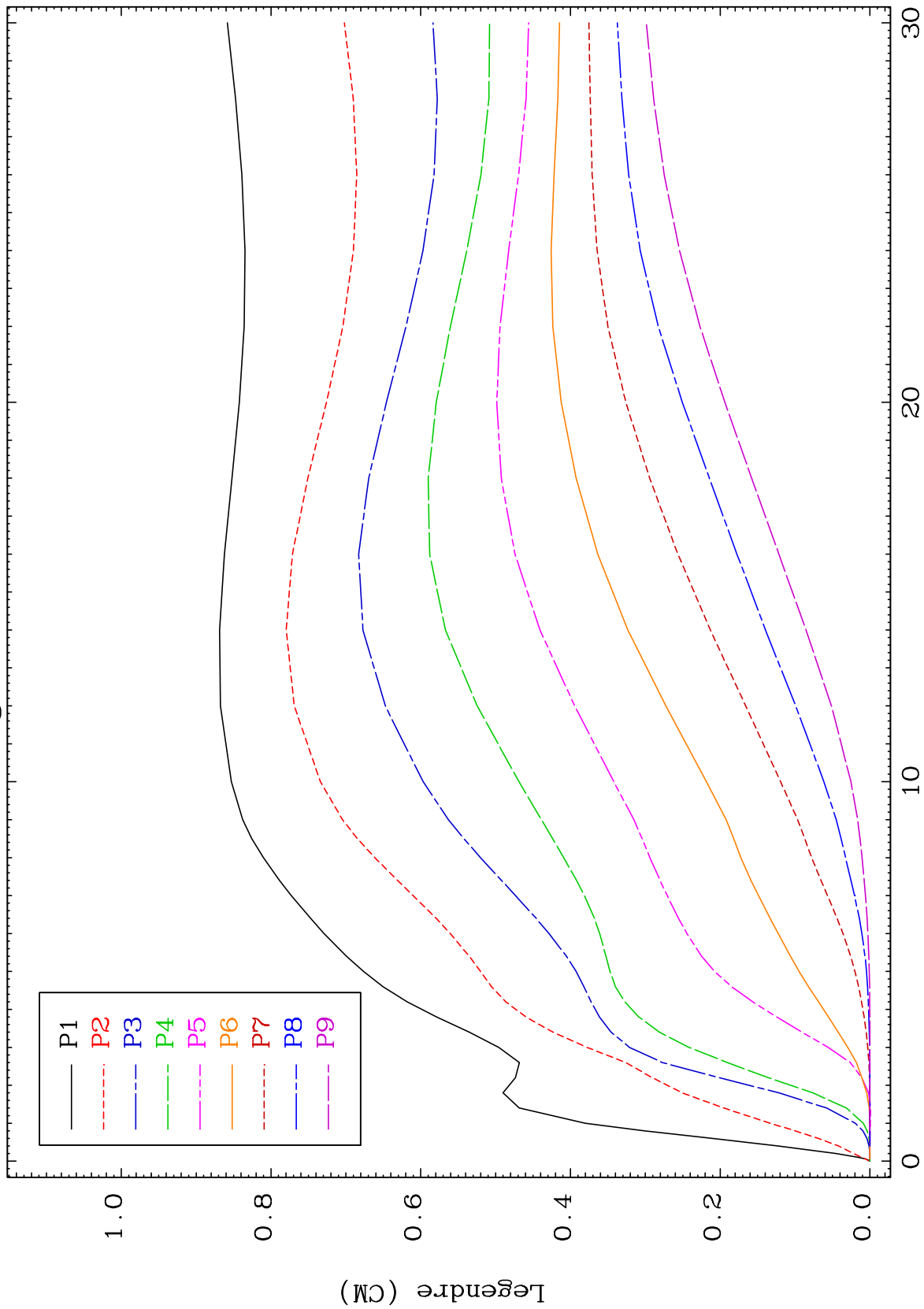
34-Se-77



MAT 3434

Elastic Legendre Coefficients

³⁴Se-77



17

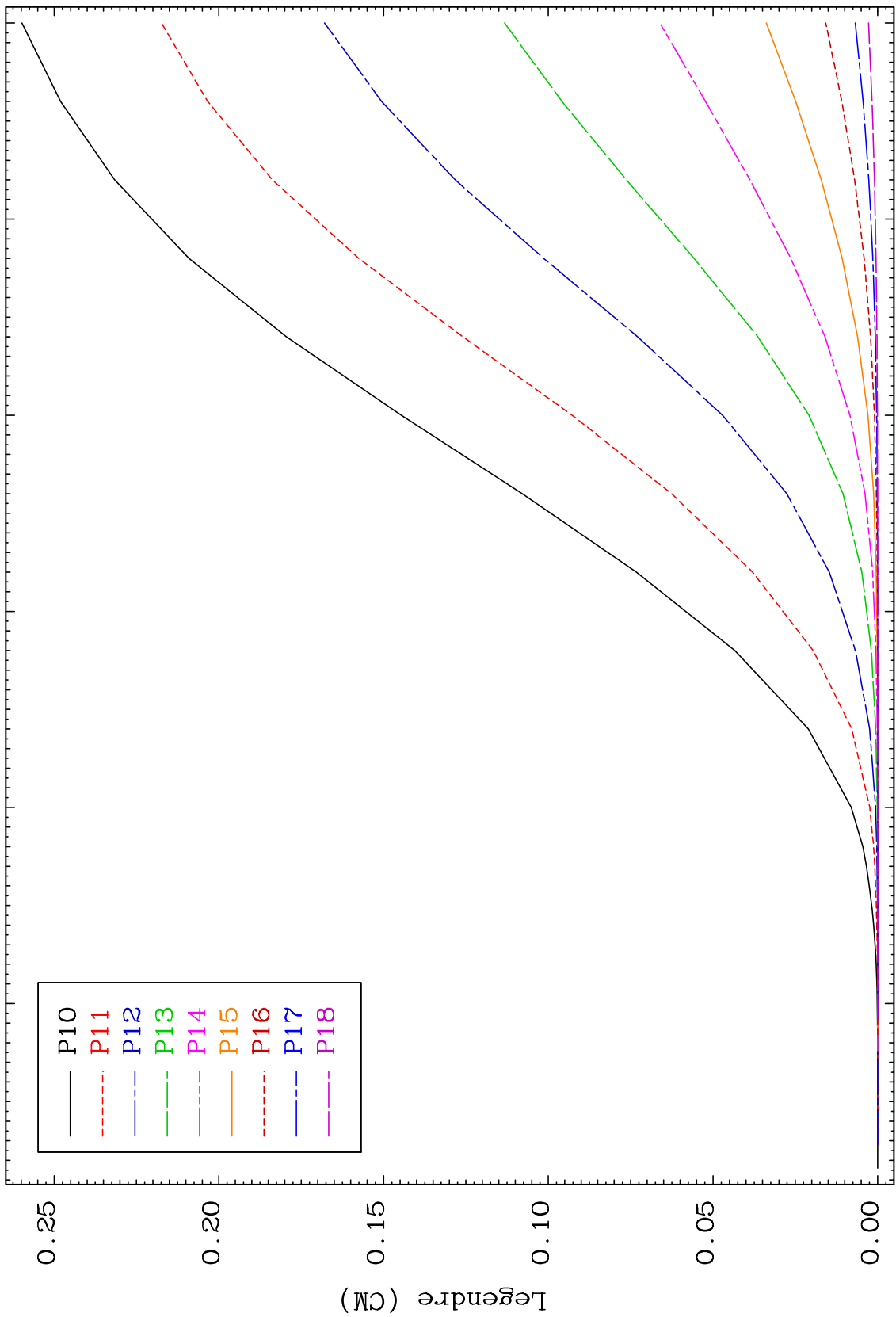
Incident Energy (MeV)

³⁴Se-77

MAT 3434

Elastic Legendre Coefficients

³⁴Se-77



18

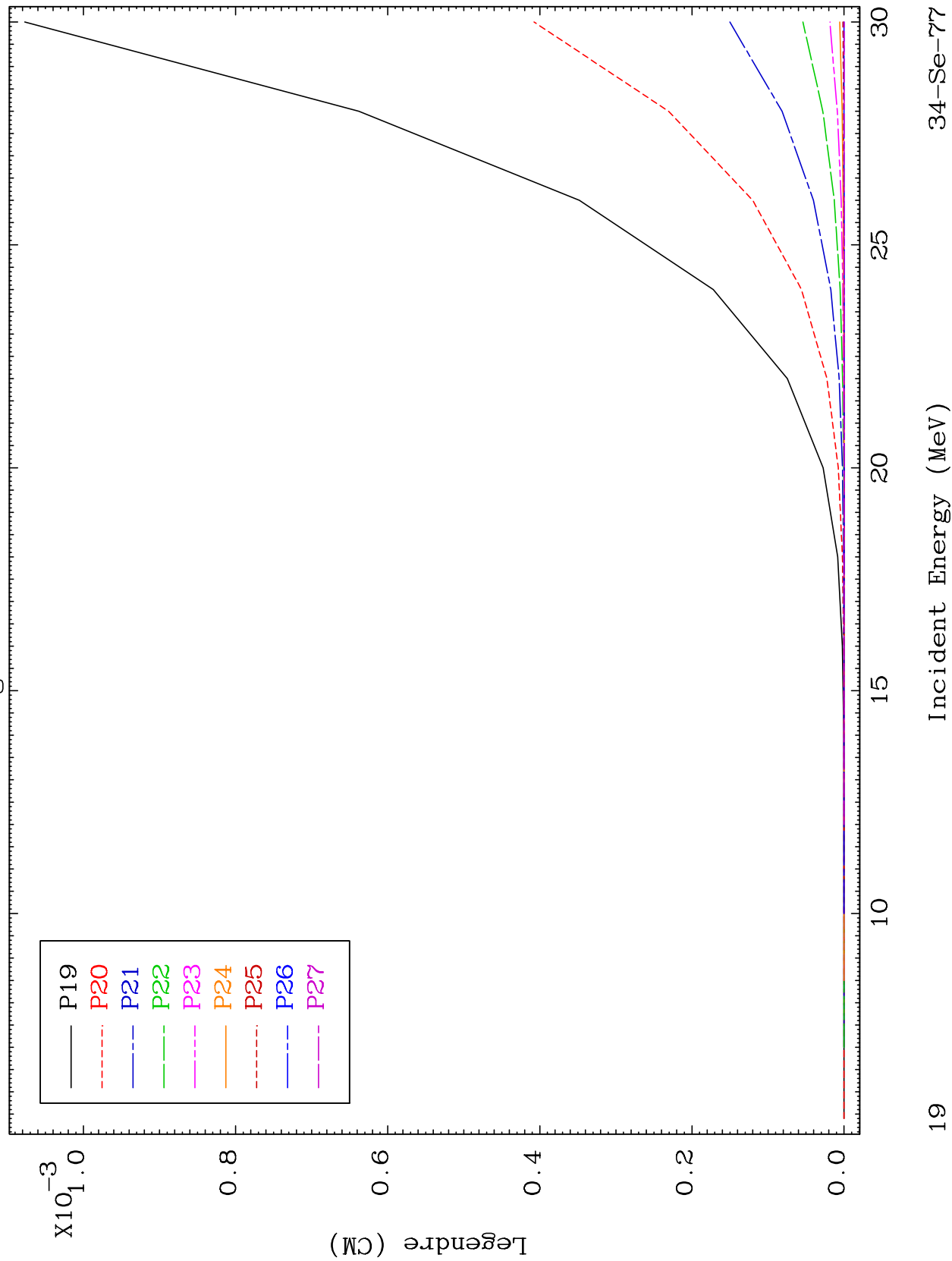
Incident Energy (MeV)

³⁴Se-77

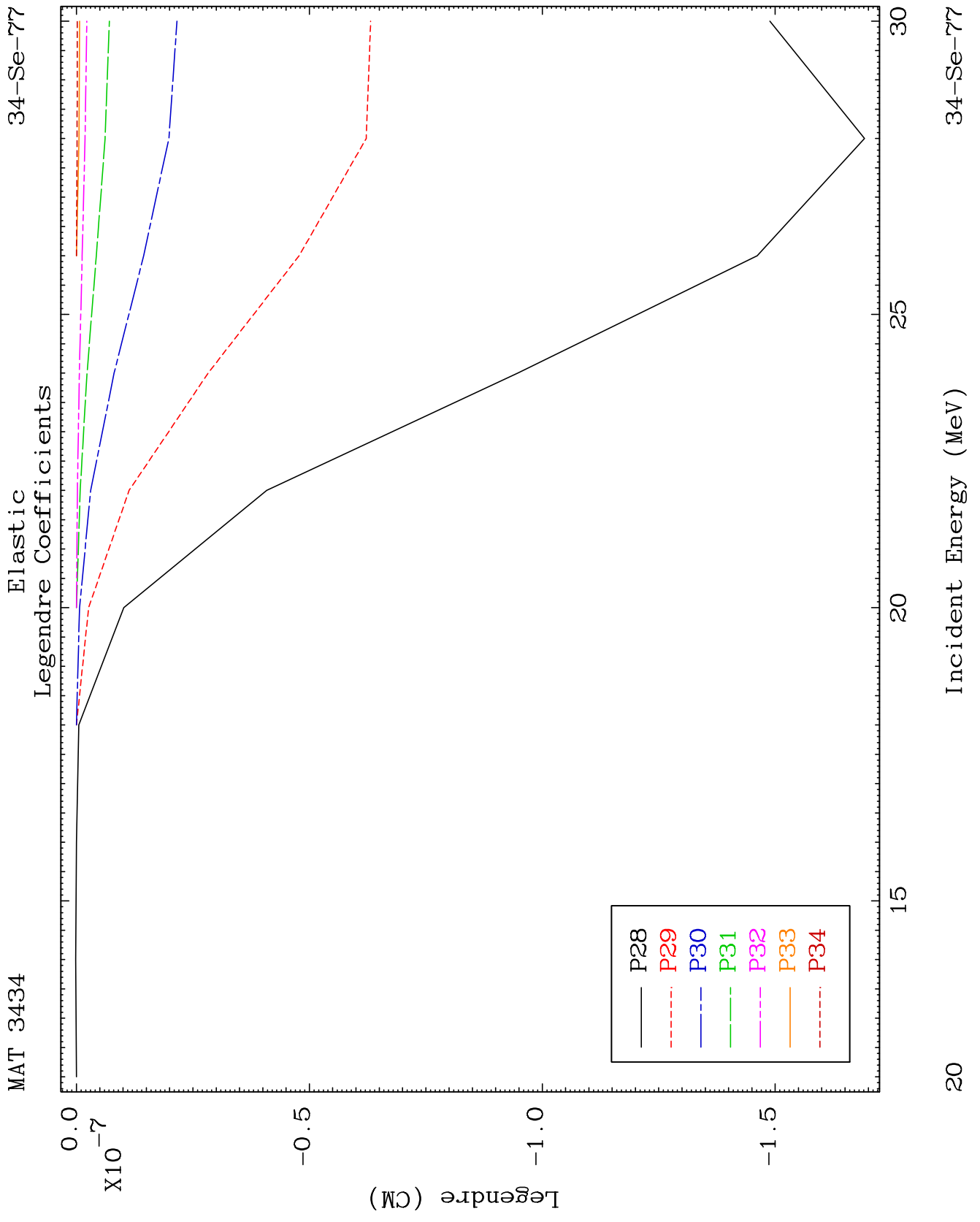
MAT 3434

Elastic Legendre Coefficients

³⁴Se-77



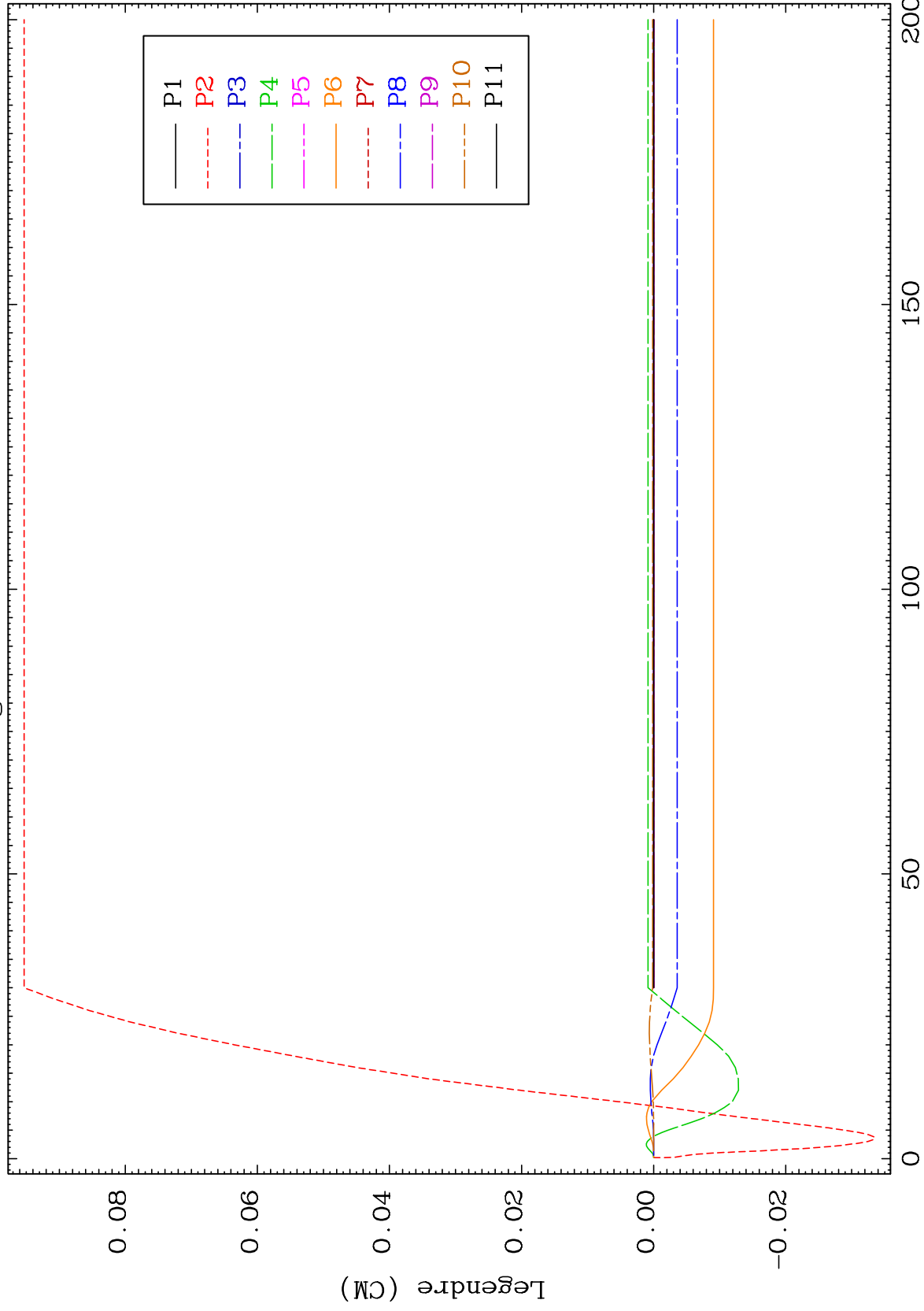
19



MAT 3434

MT= 51 (n,n') Level
Legendre Coefficients

³⁴Se-77



21

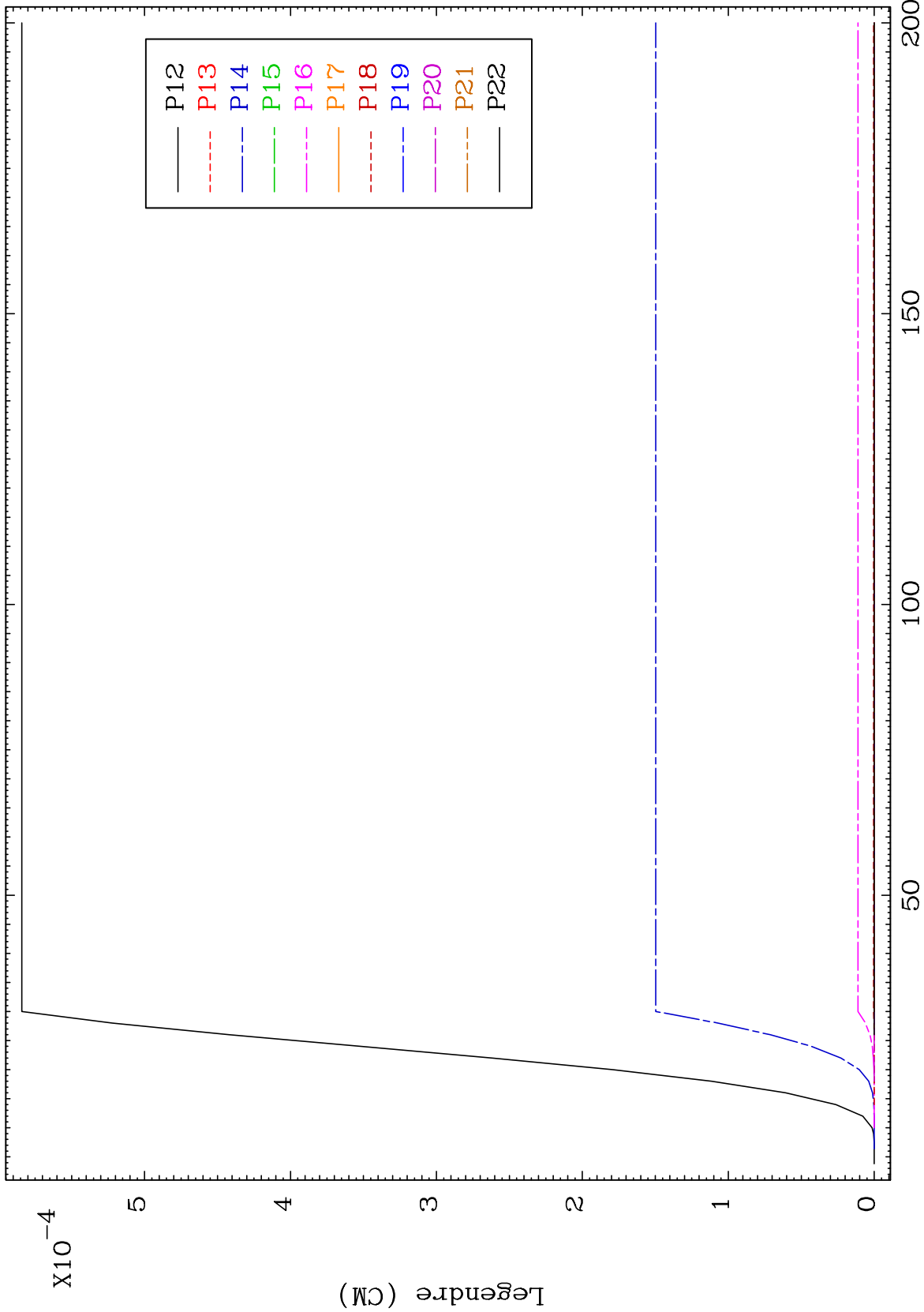
Incident Energy (MeV)

³⁴Se-77

MAT 3434

MT= 51 (n,n') Level
Legendre Coefficients

34-Se-77



22

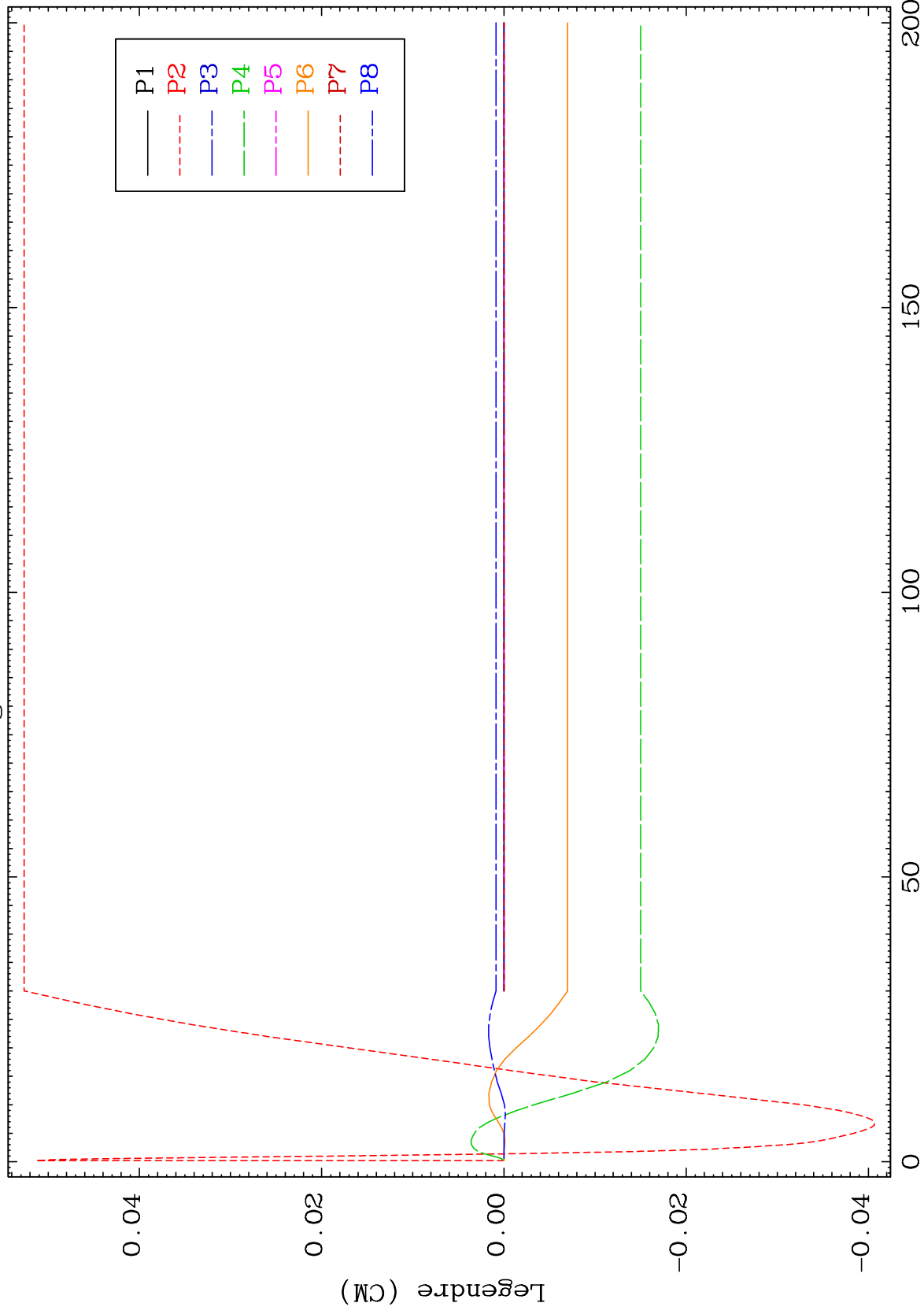
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 52 (n,n') Level
Legendre Coefficients

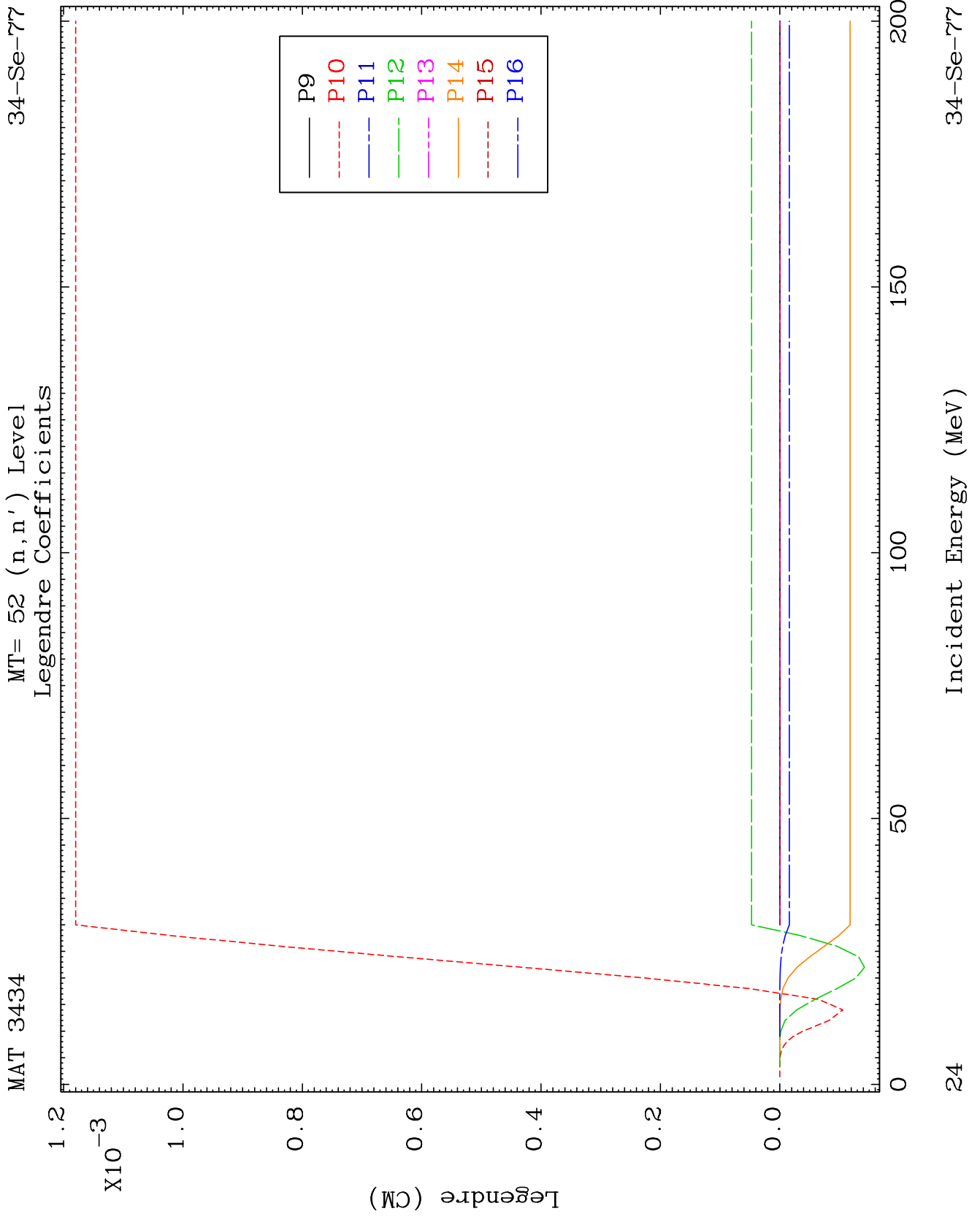
34-Se-77



34-Se-77

Incident Energy (MeV)

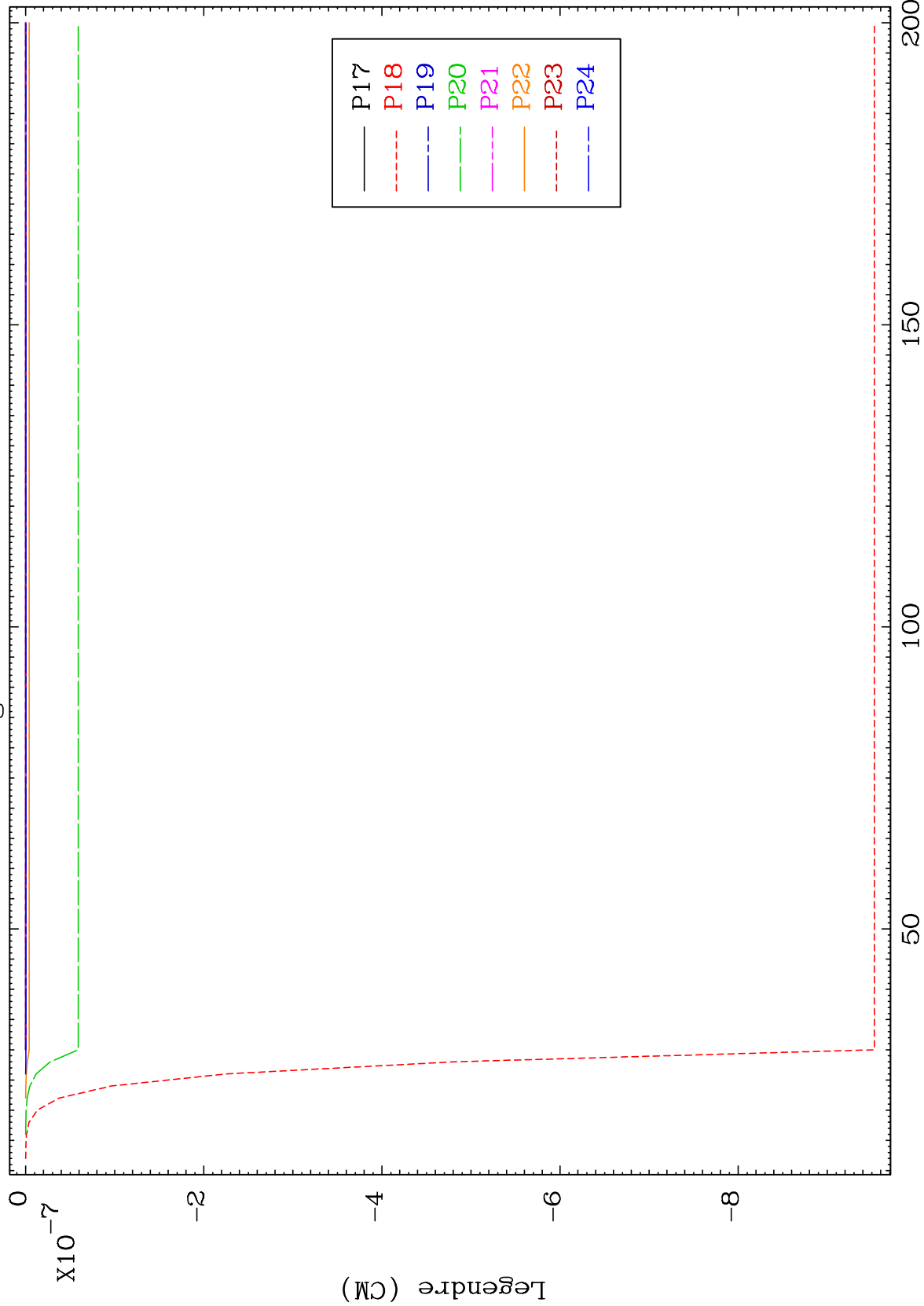
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MAT 3434

MT= 52 (n,n') Level
Legendre Coefficients

34-Se-77



25

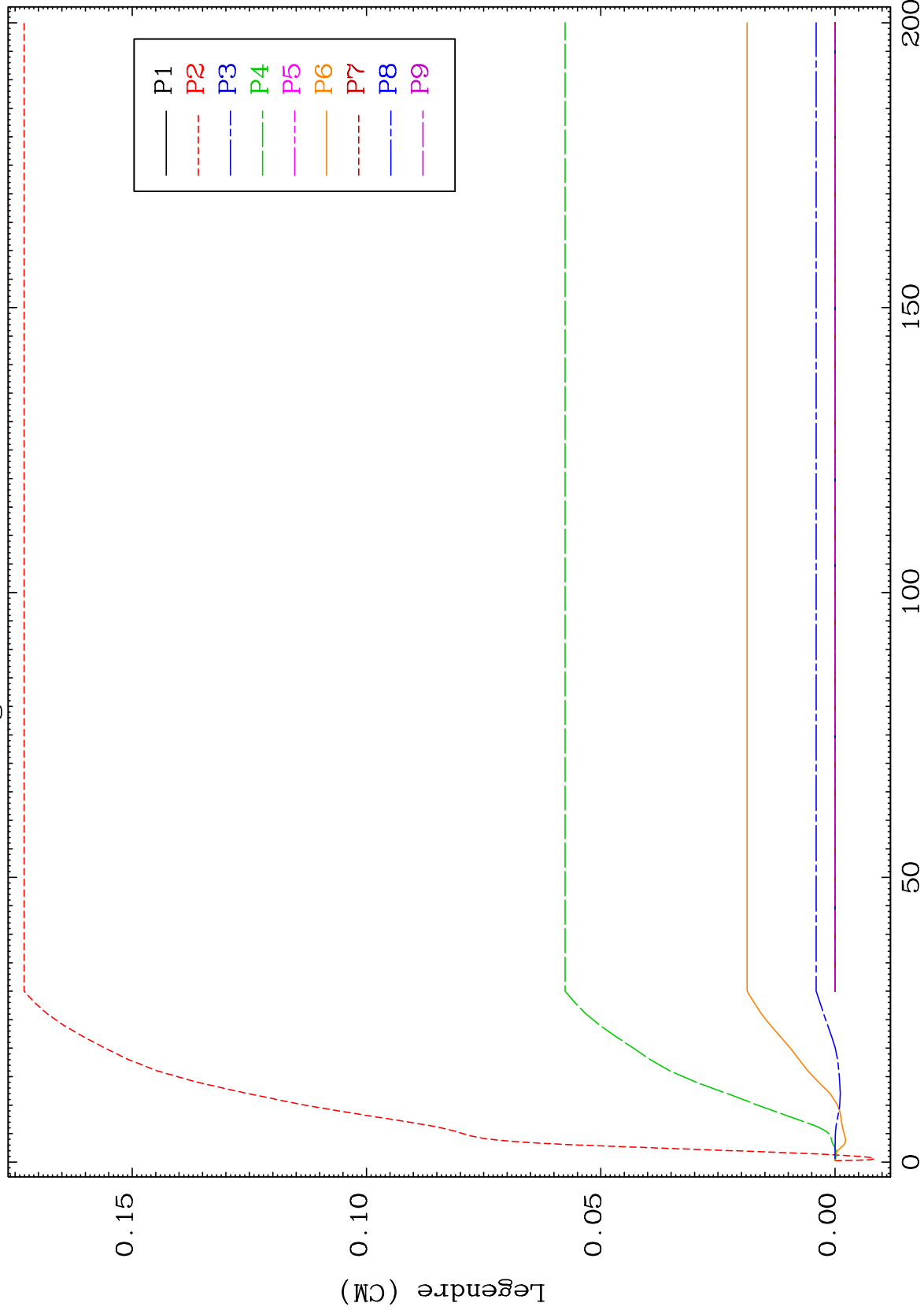
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 53 (n,n') Level
Legendre Coefficients

34-Se-77



26

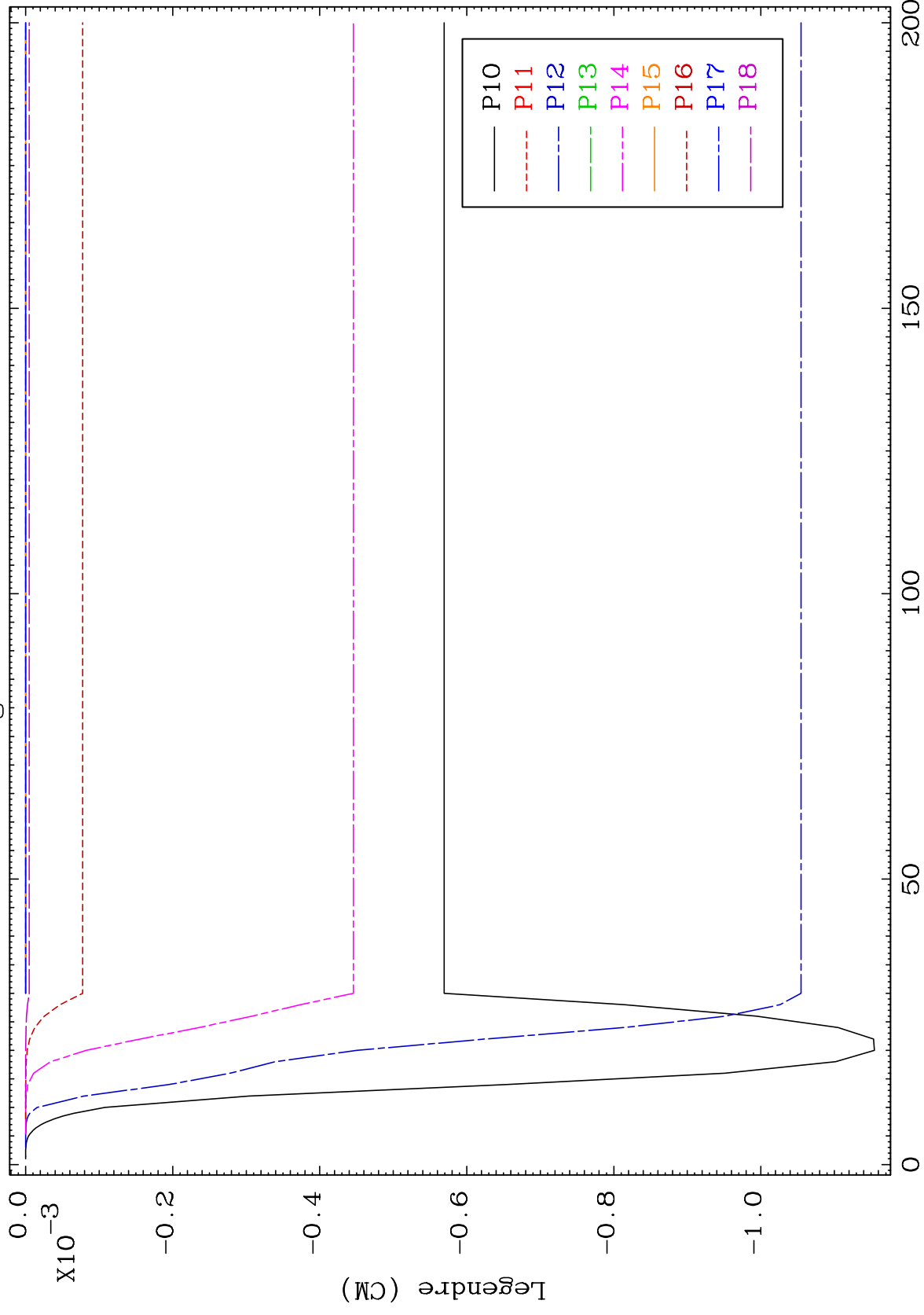
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 53 (n,n') Level
Legendre Coefficients

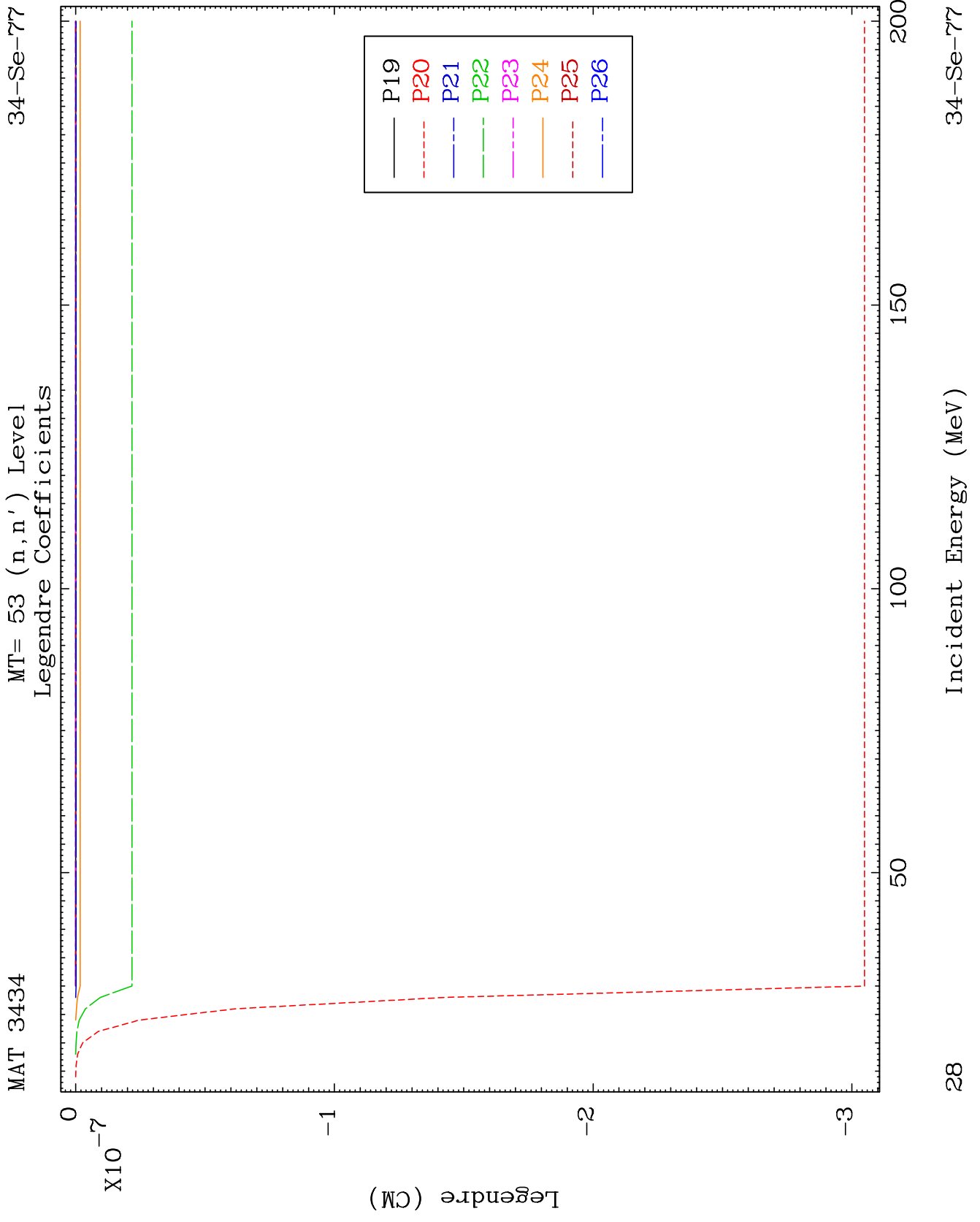
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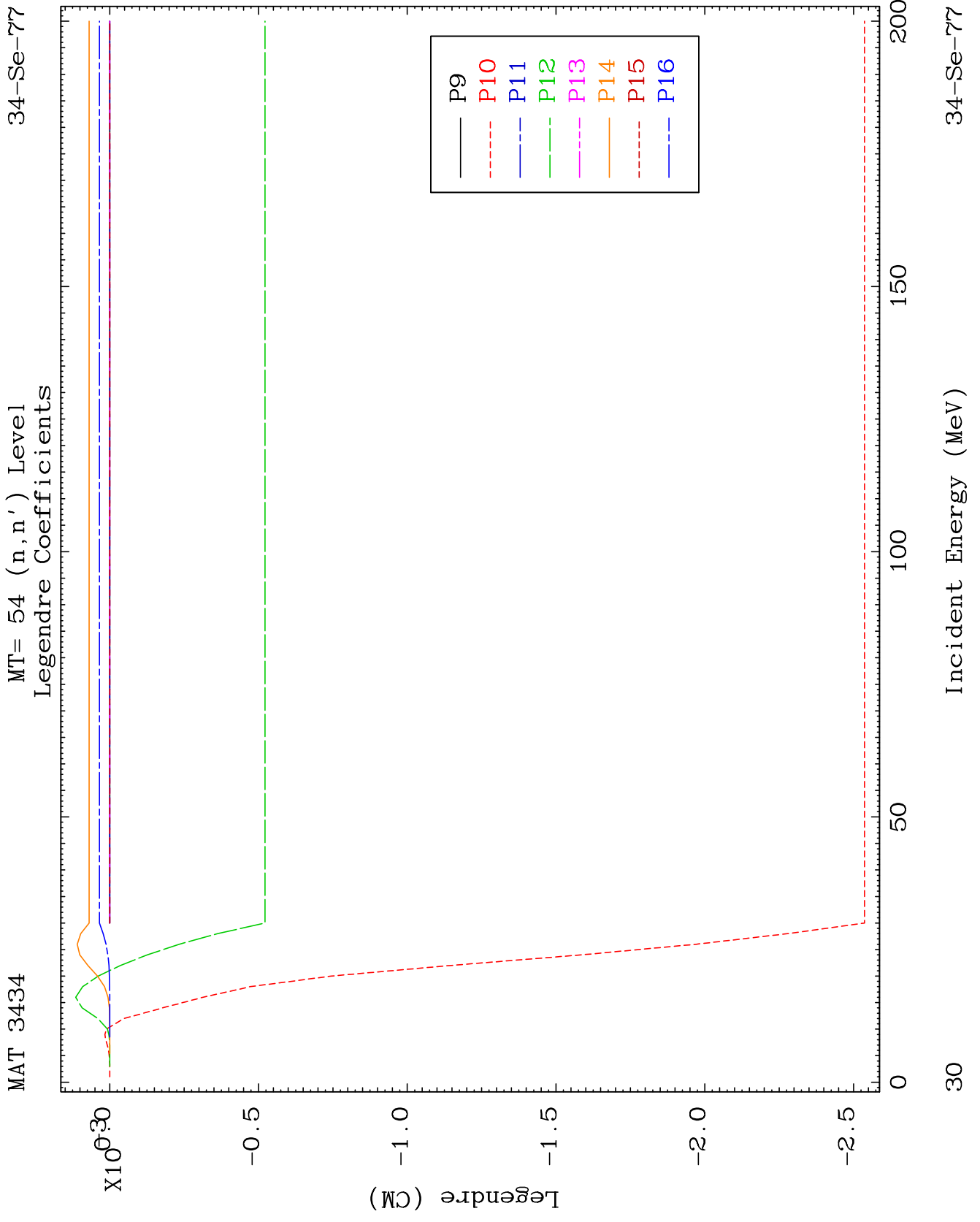


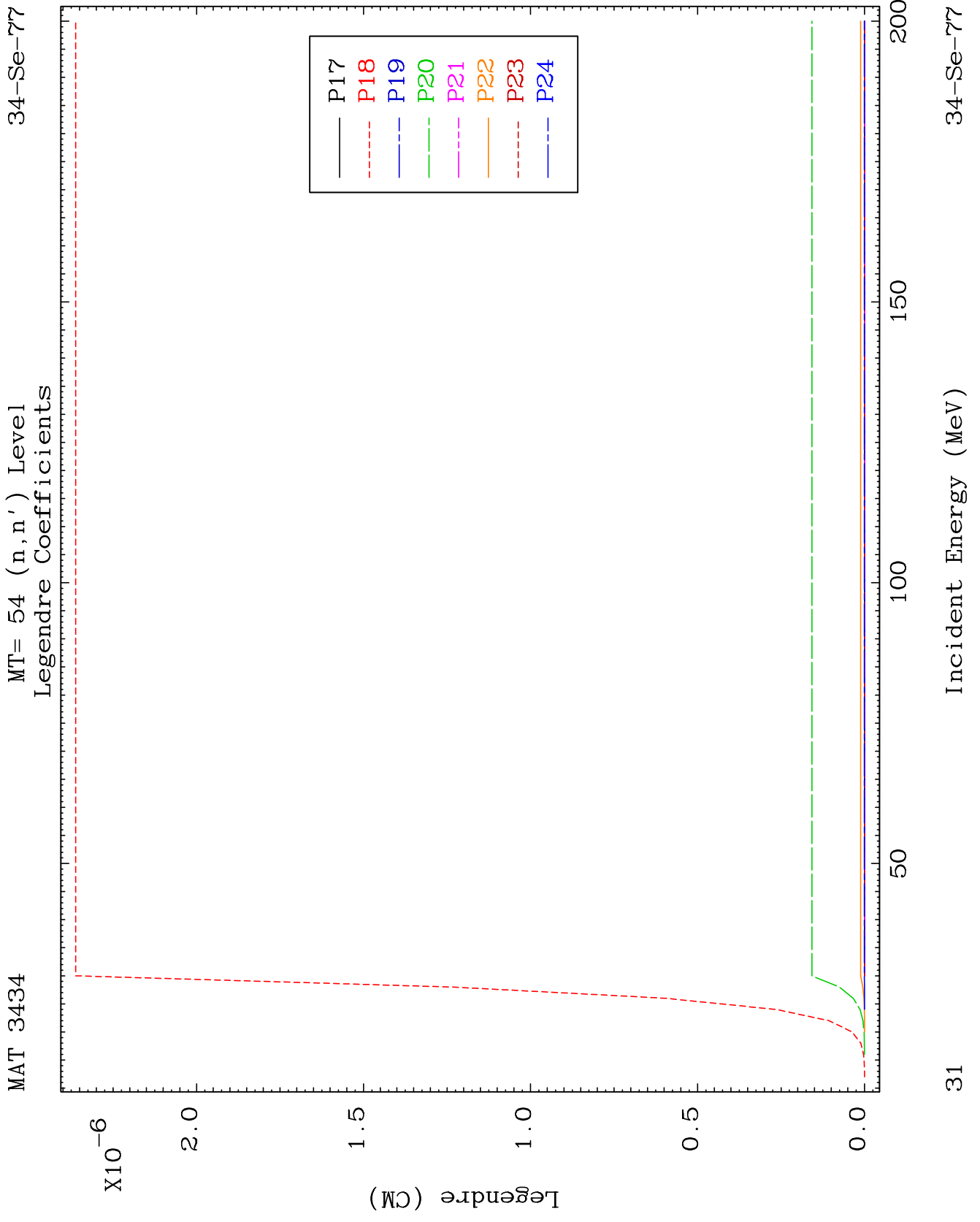
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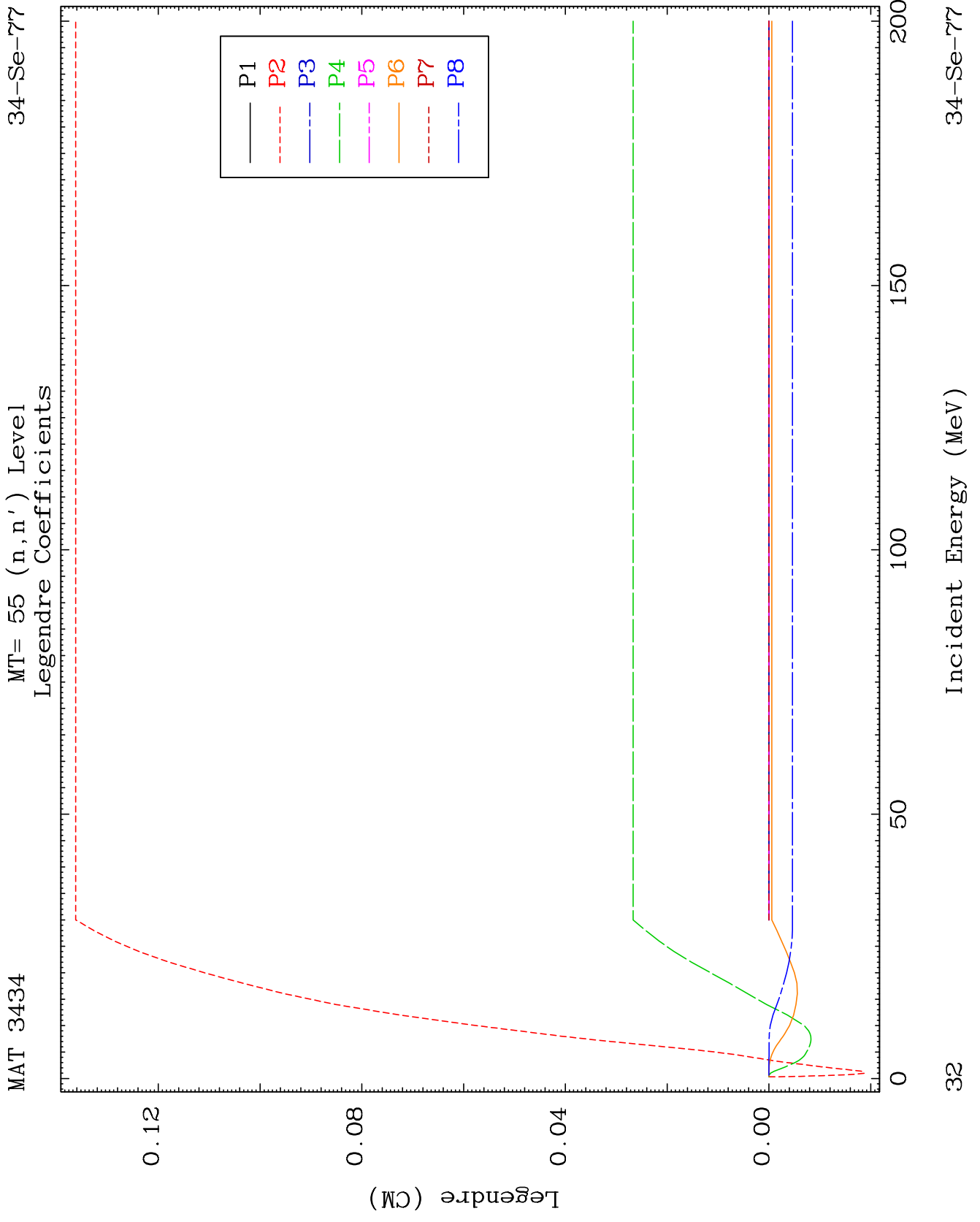
Incident Energy (MeV)

34-Se-77





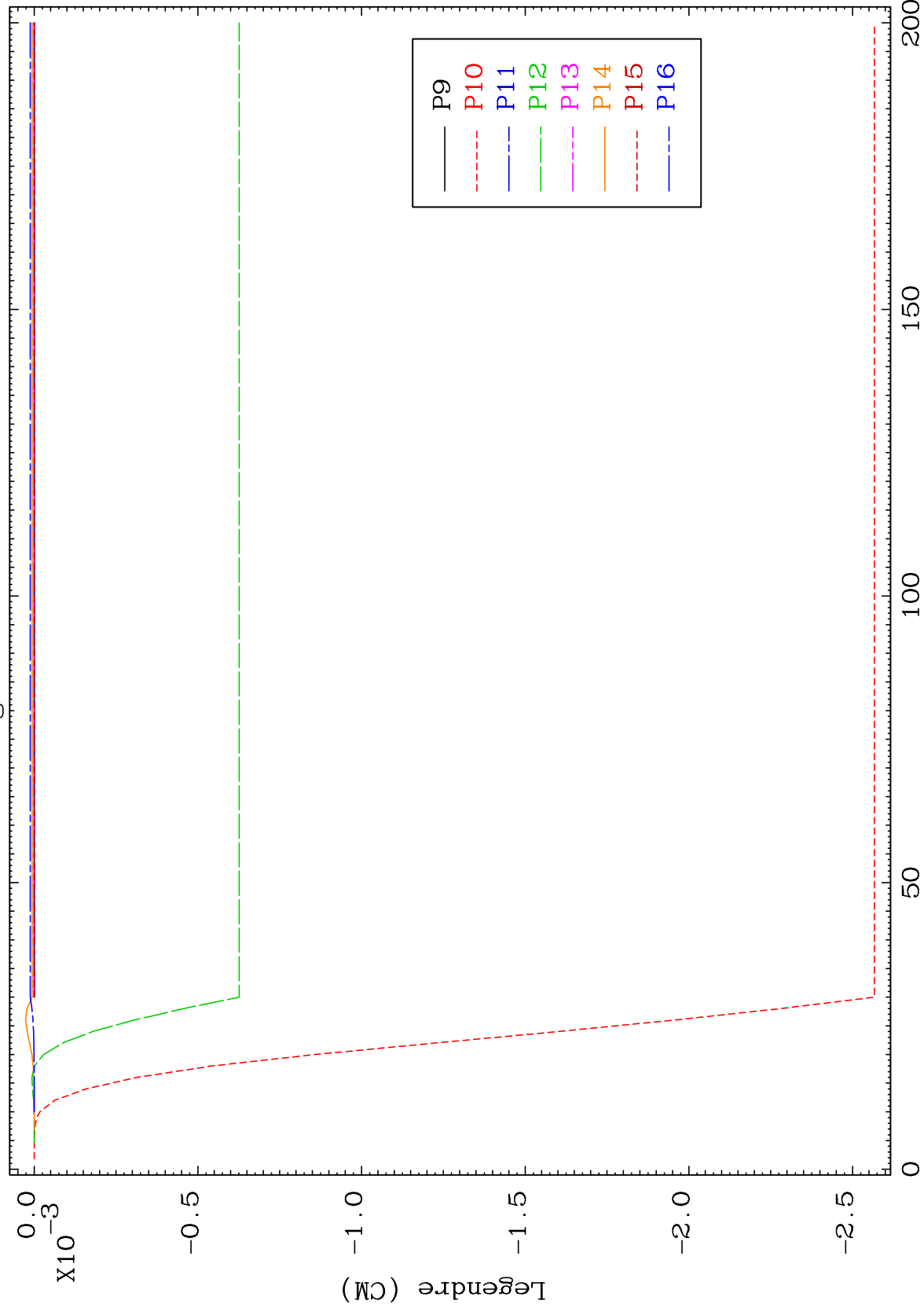




MAT 3434

MT= 55 (n,n') Level
Legendre Coefficients

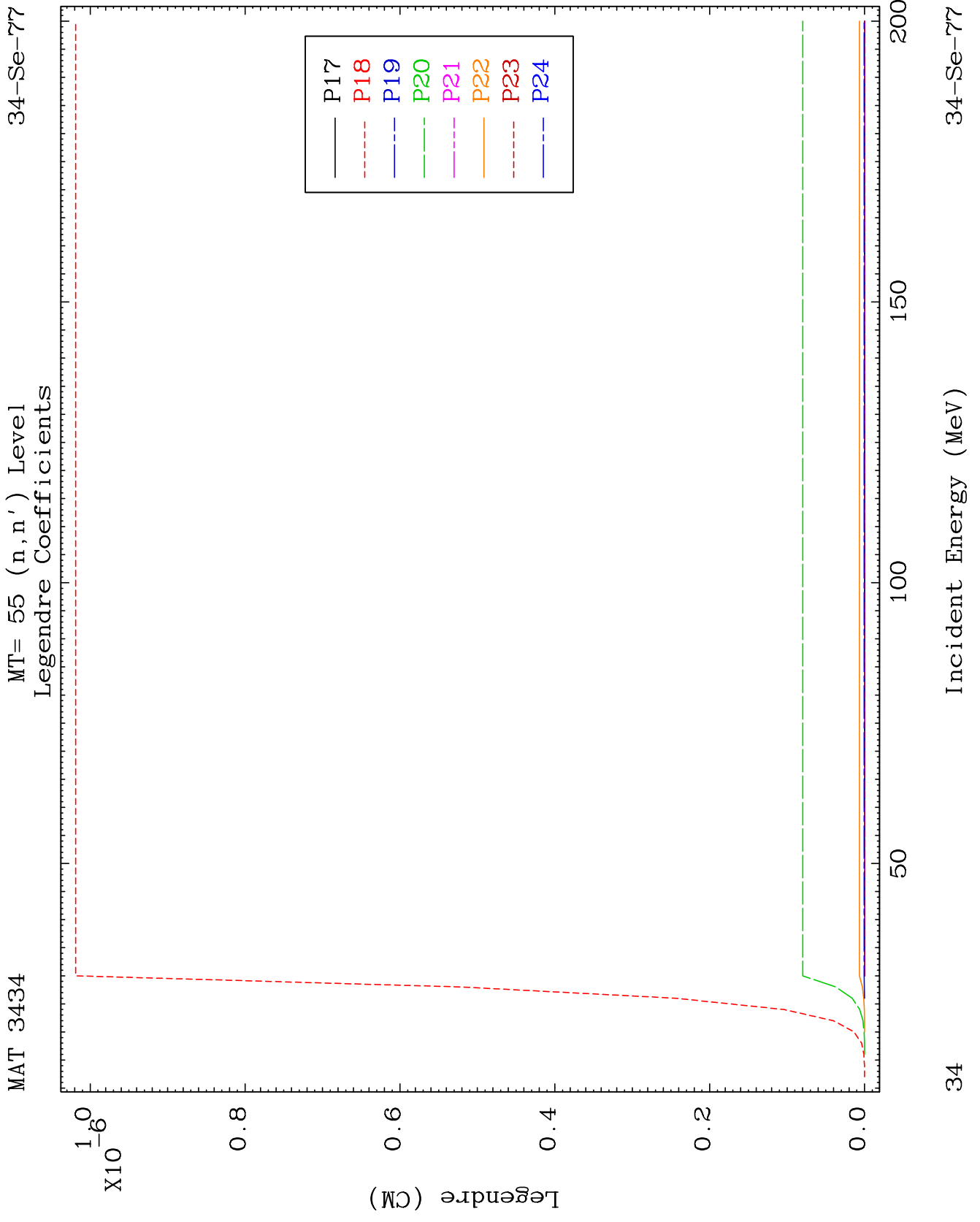
34-Se-77



33

Incident Energy (MeV)

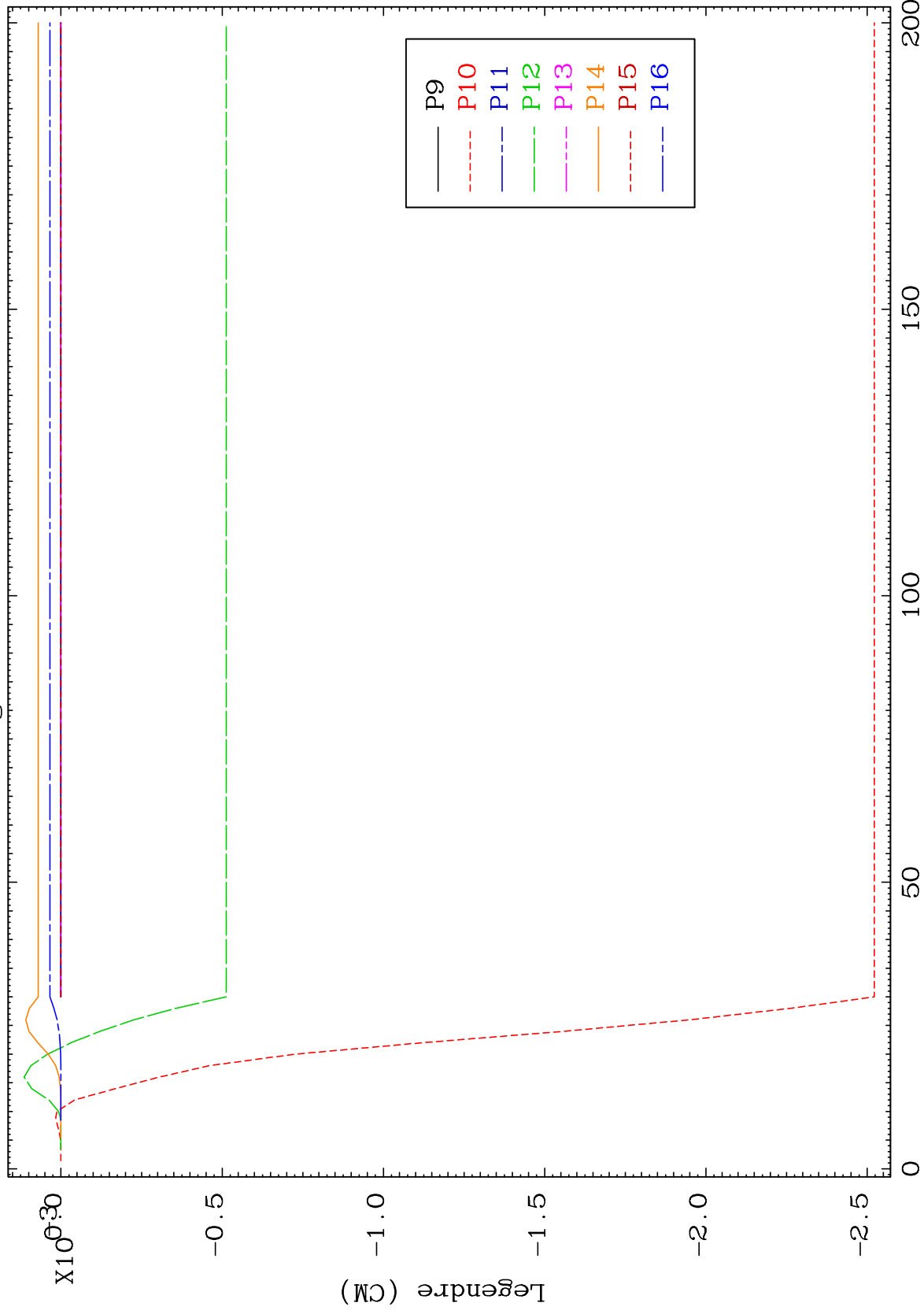
34-Se-77



MAT 3434

MT= 56 (n,n') Level
Legendre Coefficients

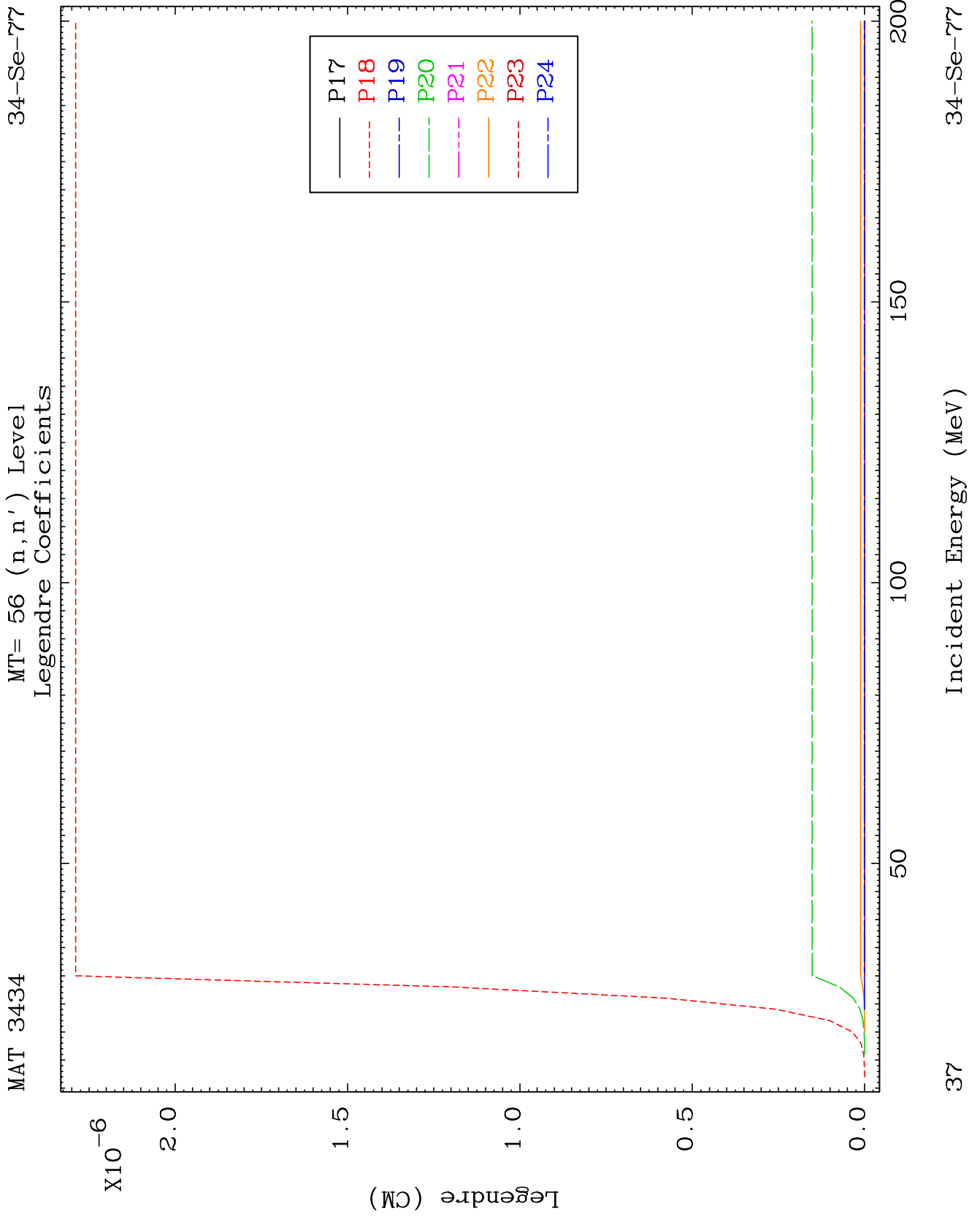
34-Se-77



36

Incident Energy (MeV)

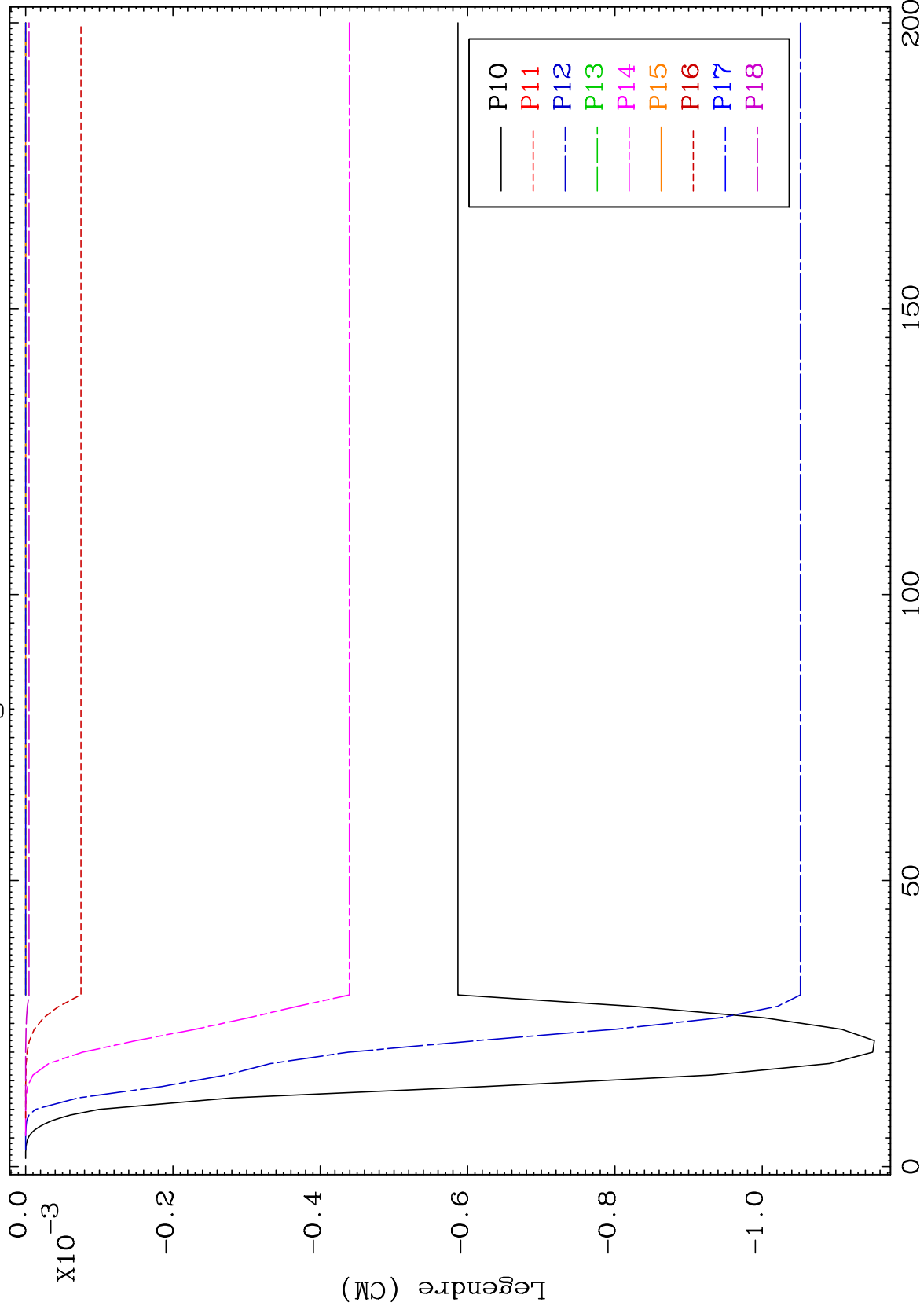
34-Se-77



MAT 3434

MT= 57 (n,n') Level
Legendre Coefficients

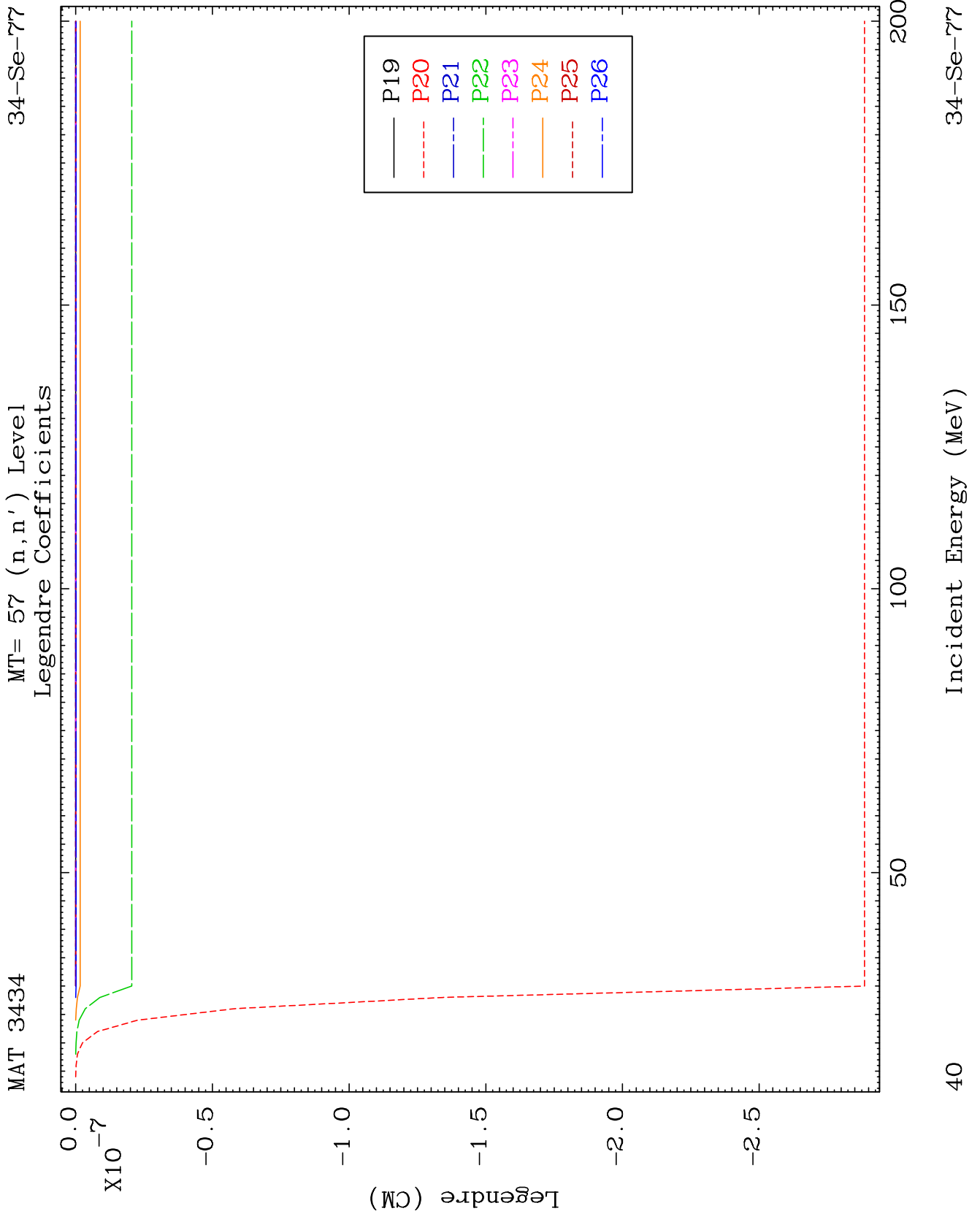
34-Se-77



39

Incident Energy (MeV)

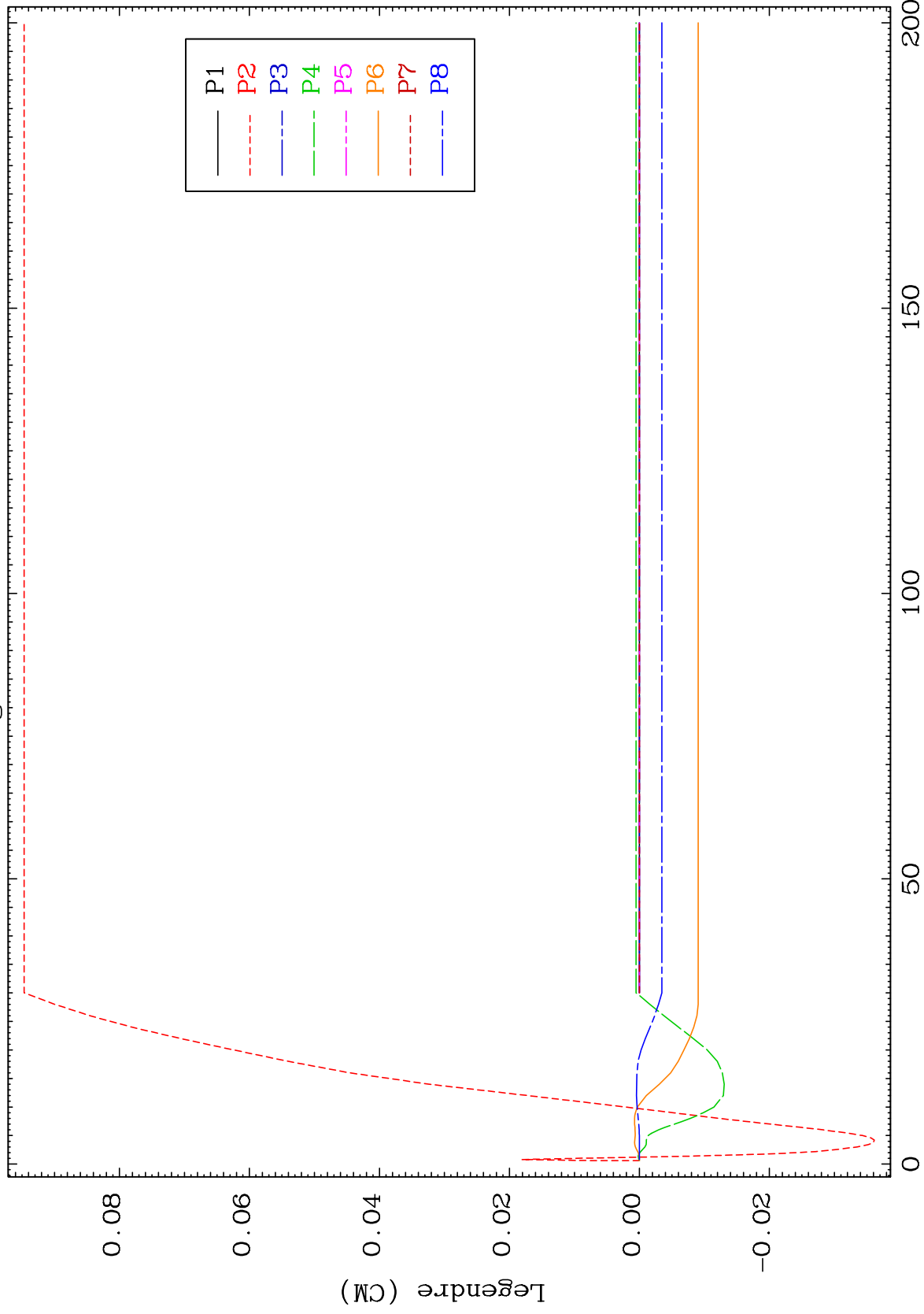
34-Se-77



MAT 3434

MT= 58 (n,n') Level
Legendre Coefficients

³⁴Se-77



41

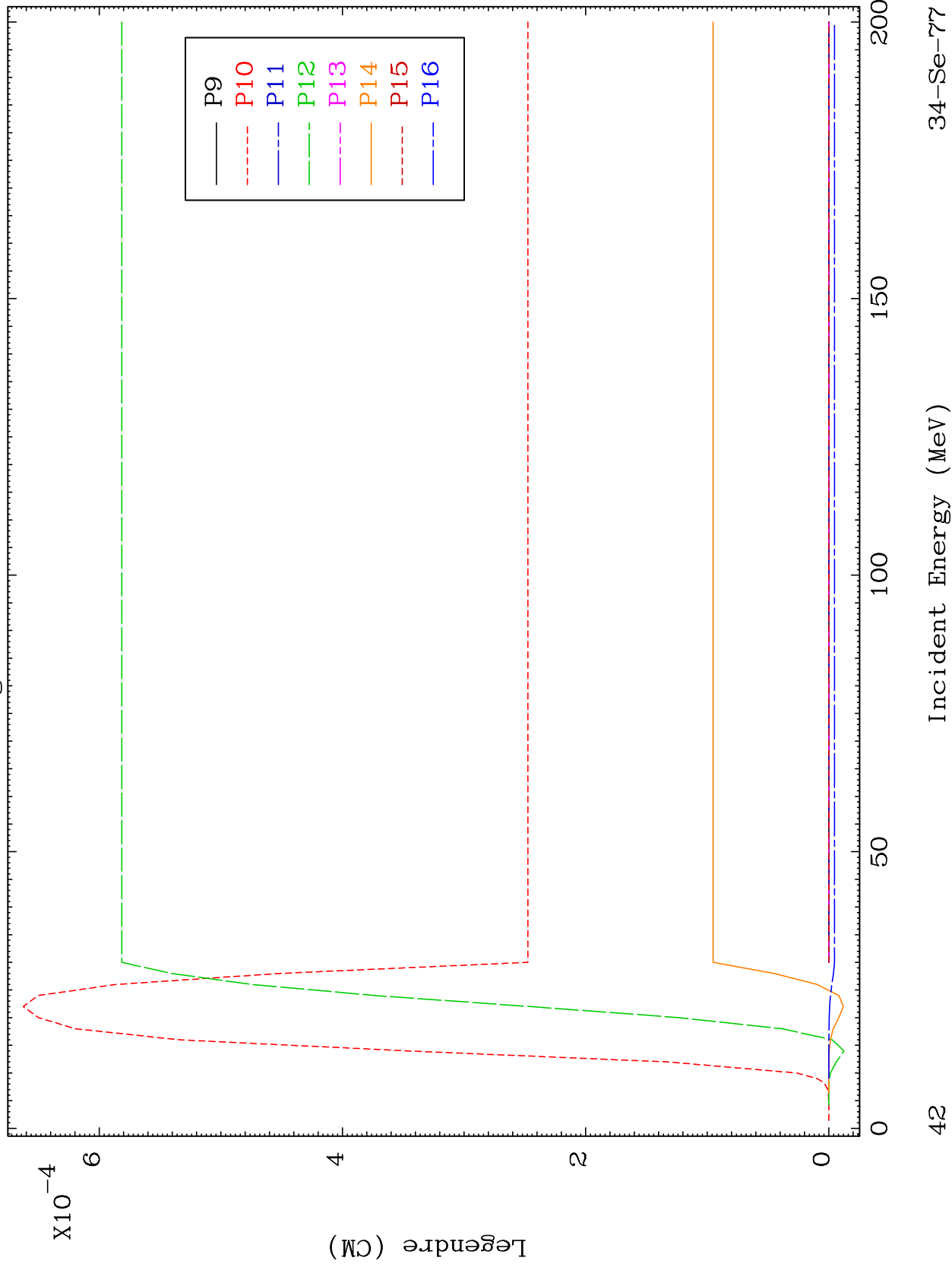
Incident Energy (MeV)

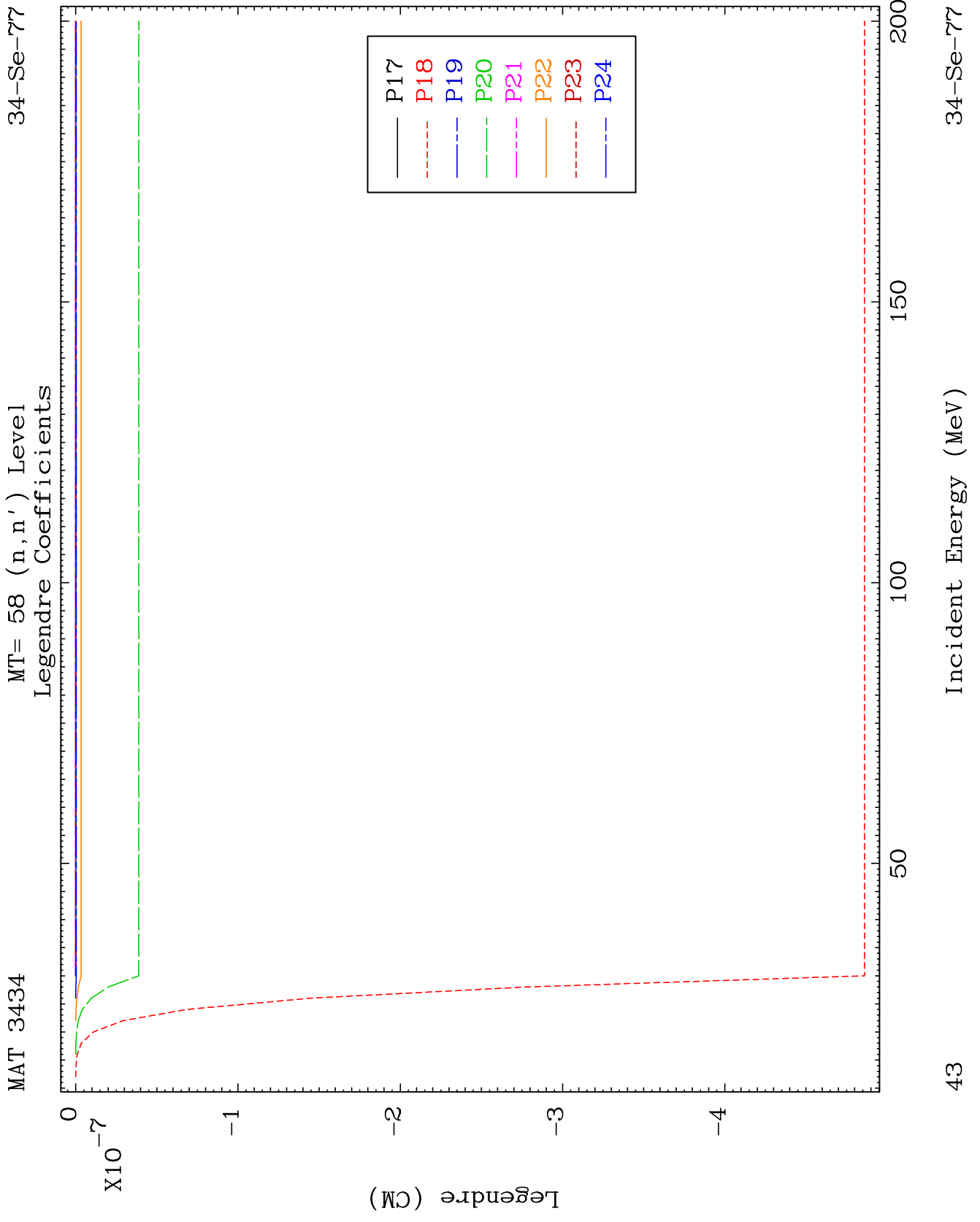
³⁴Se-77

MAT 3434

MT= 58 (n,n') Level
Legendre Coefficients

34-Se-77

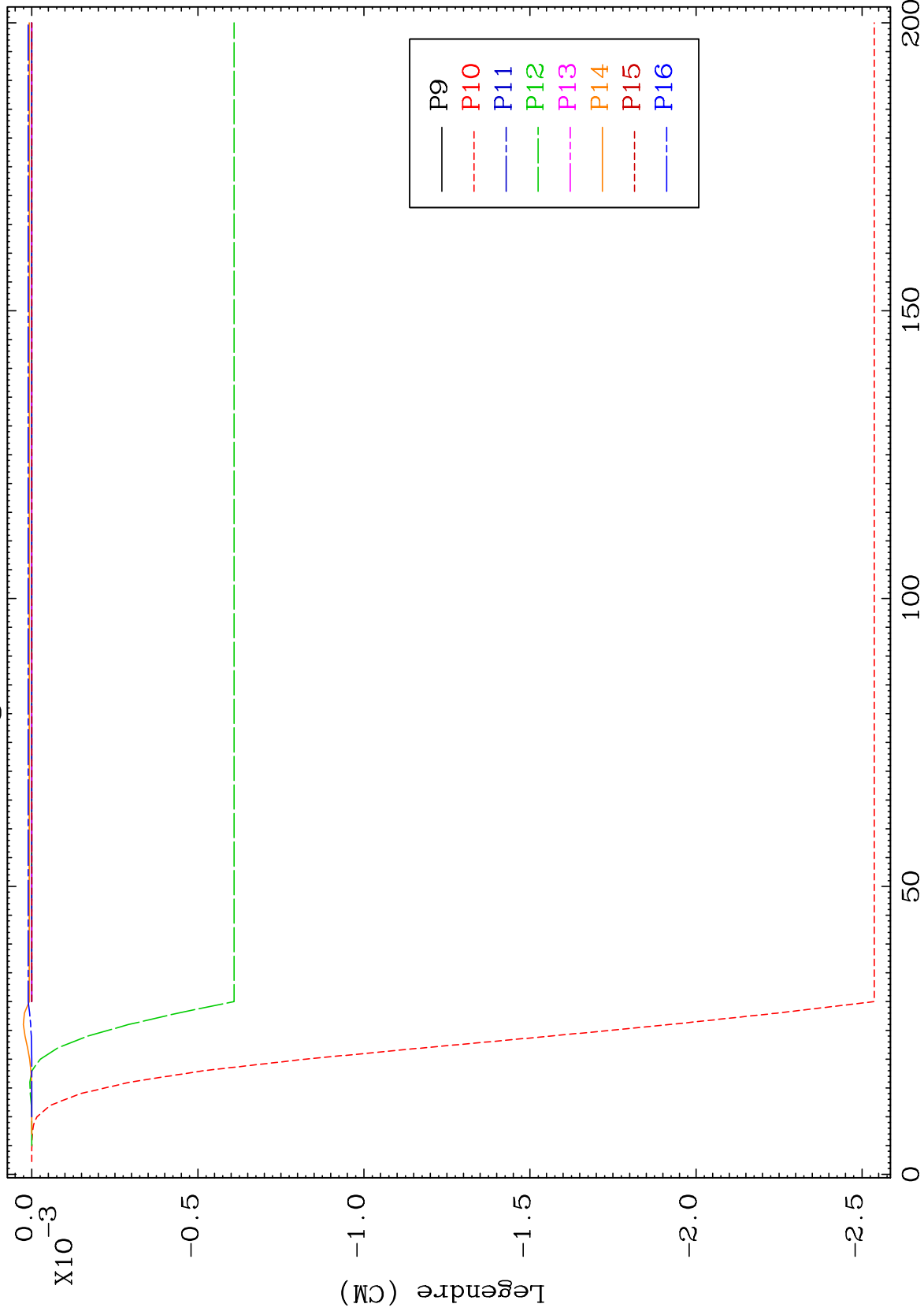




MAT 3434

MT= 59 (n,n') Level
Legendre Coefficients

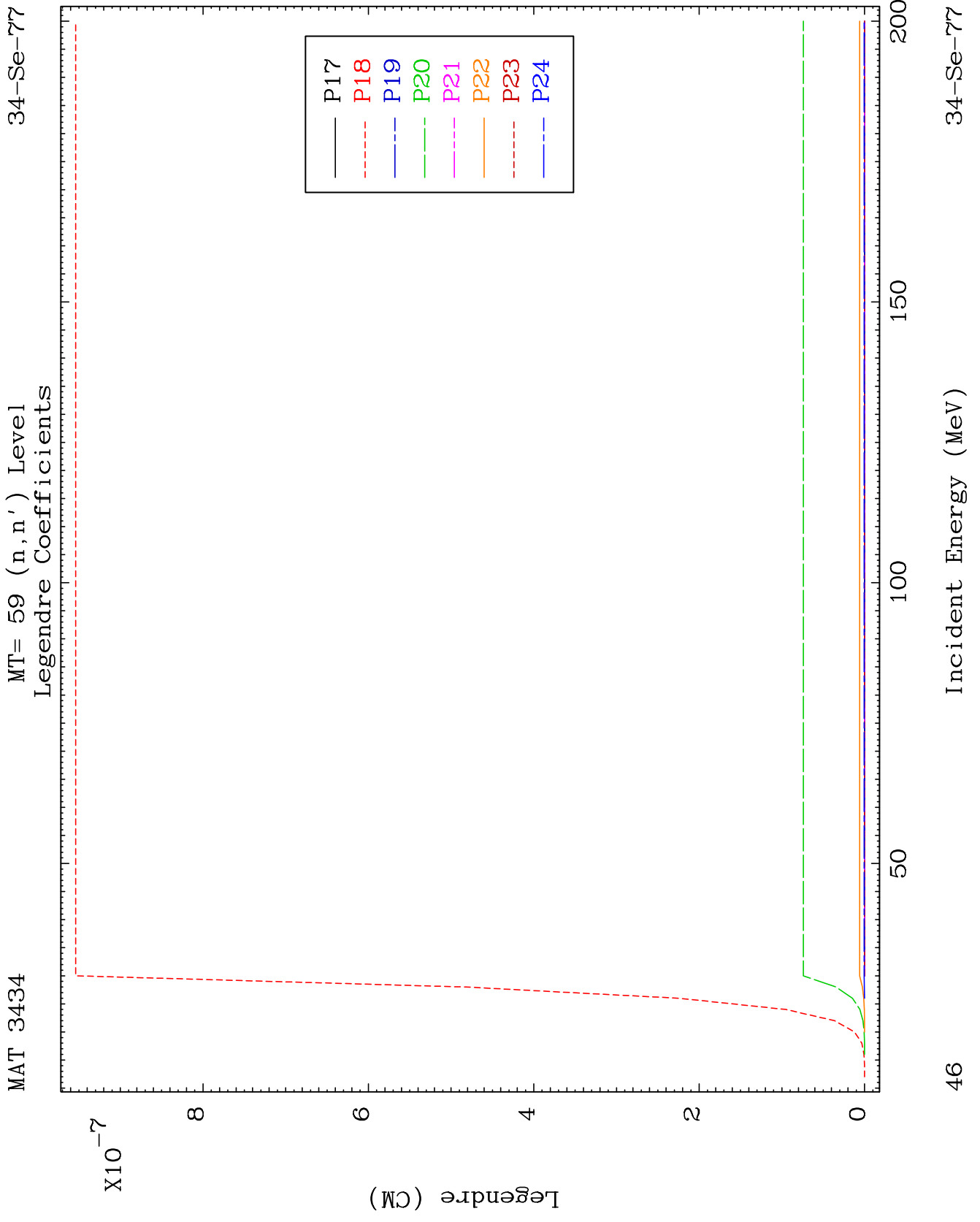
34-Se-77



45

Incident Energy (MeV)

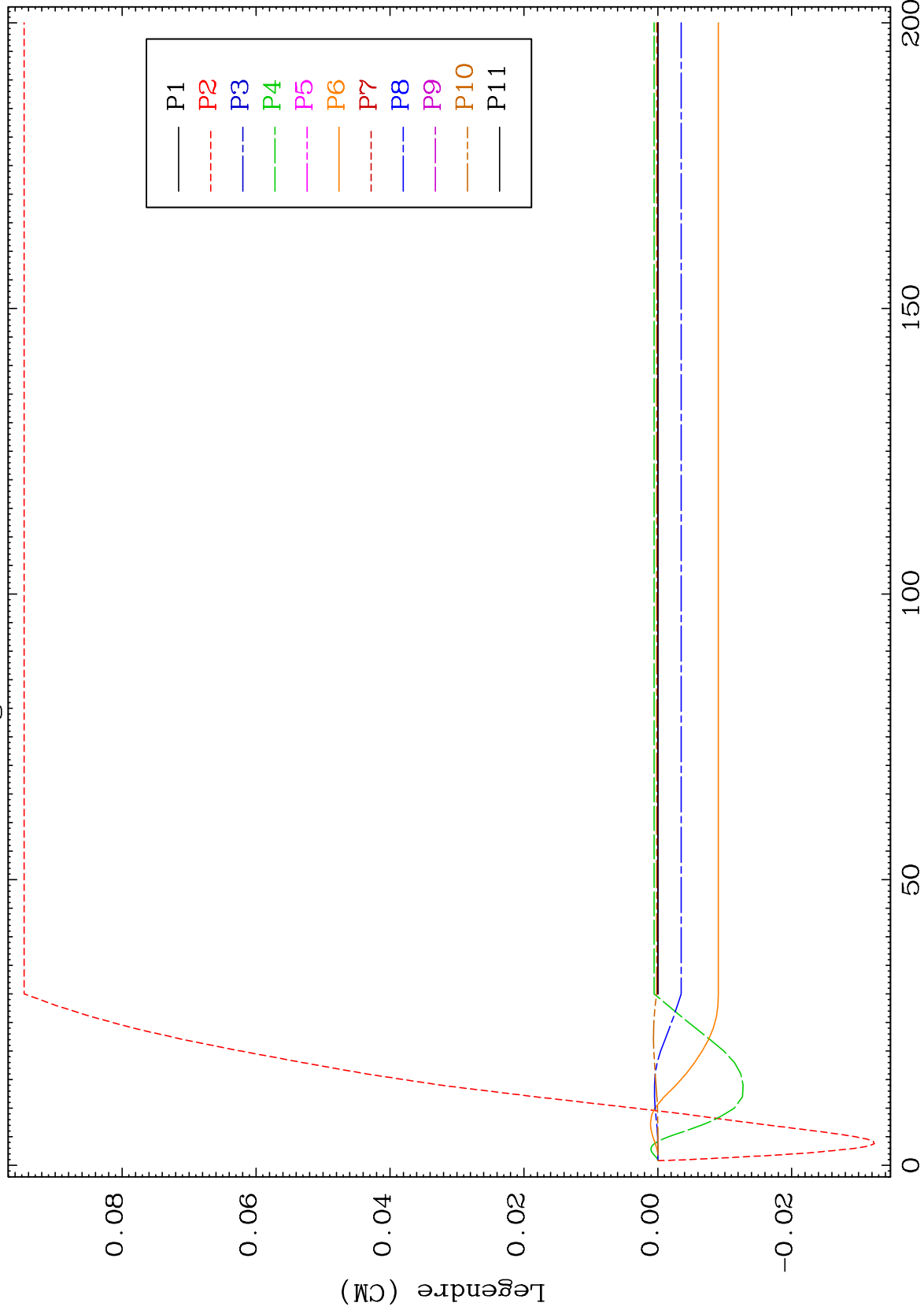
34-Se-77



MAT 3434

MT= 60 (n,n') Level
Legendre Coefficients

34-Se-77



47

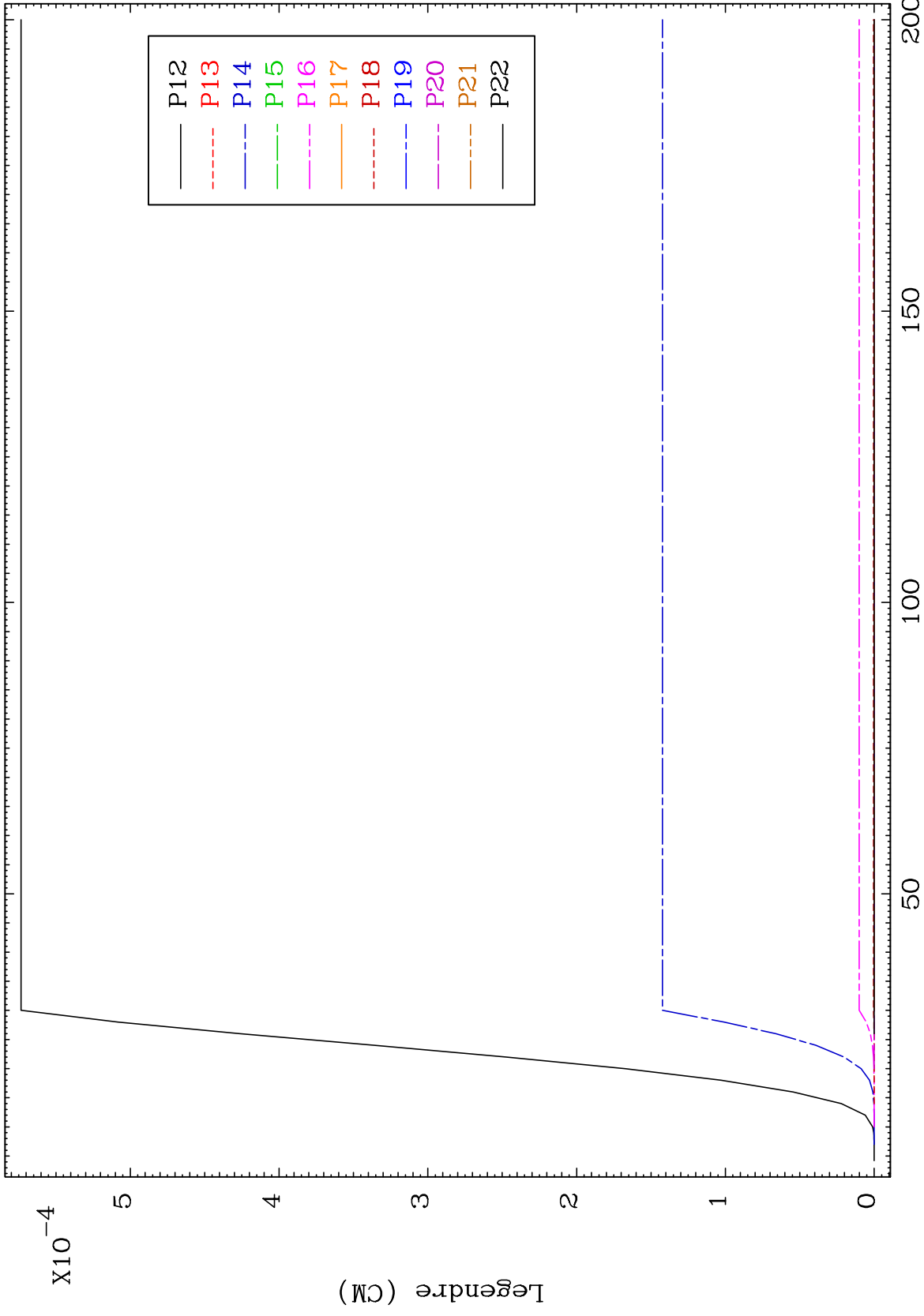
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 60 (n,n') Level
Legendre Coefficients

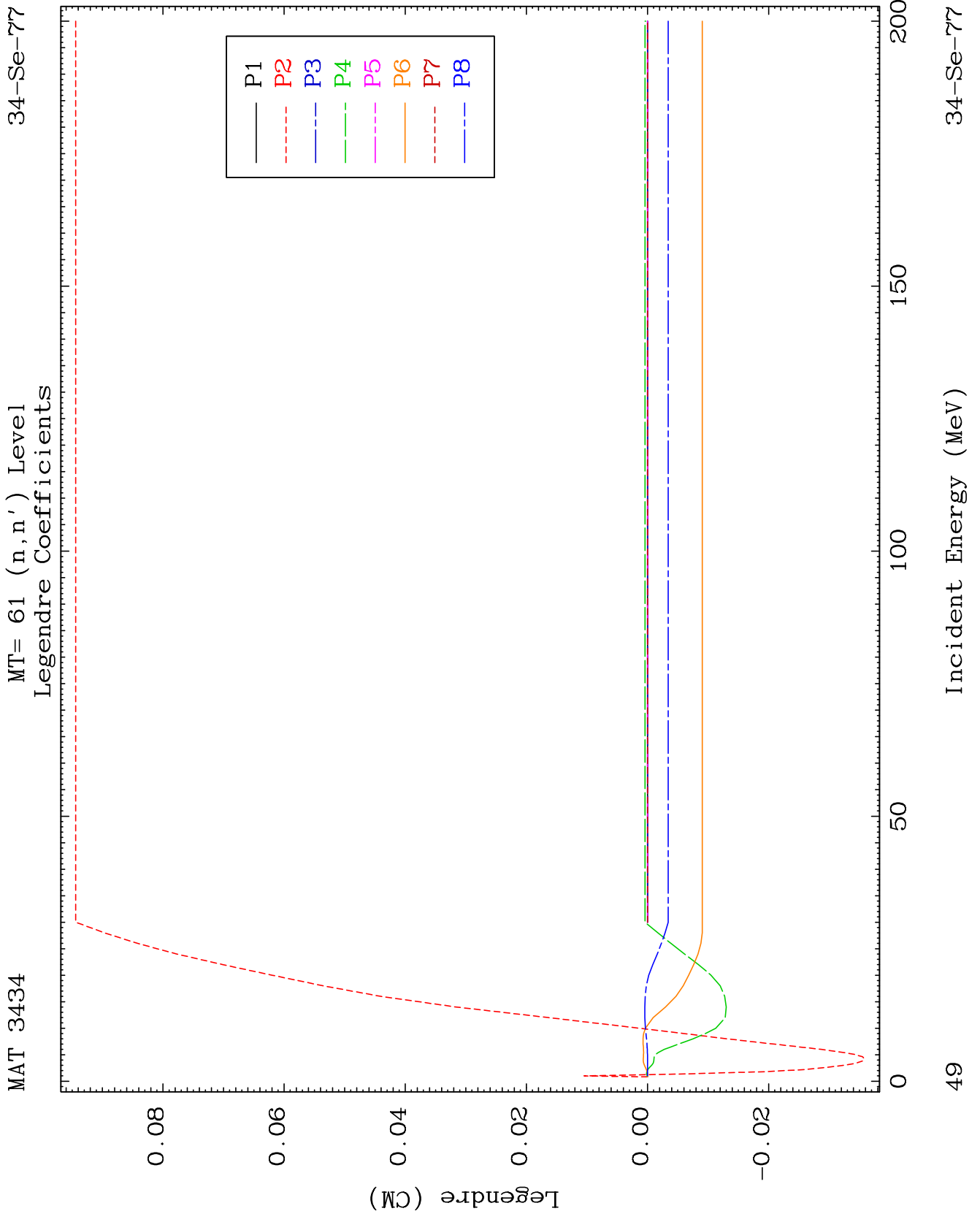
34-Se-77



48

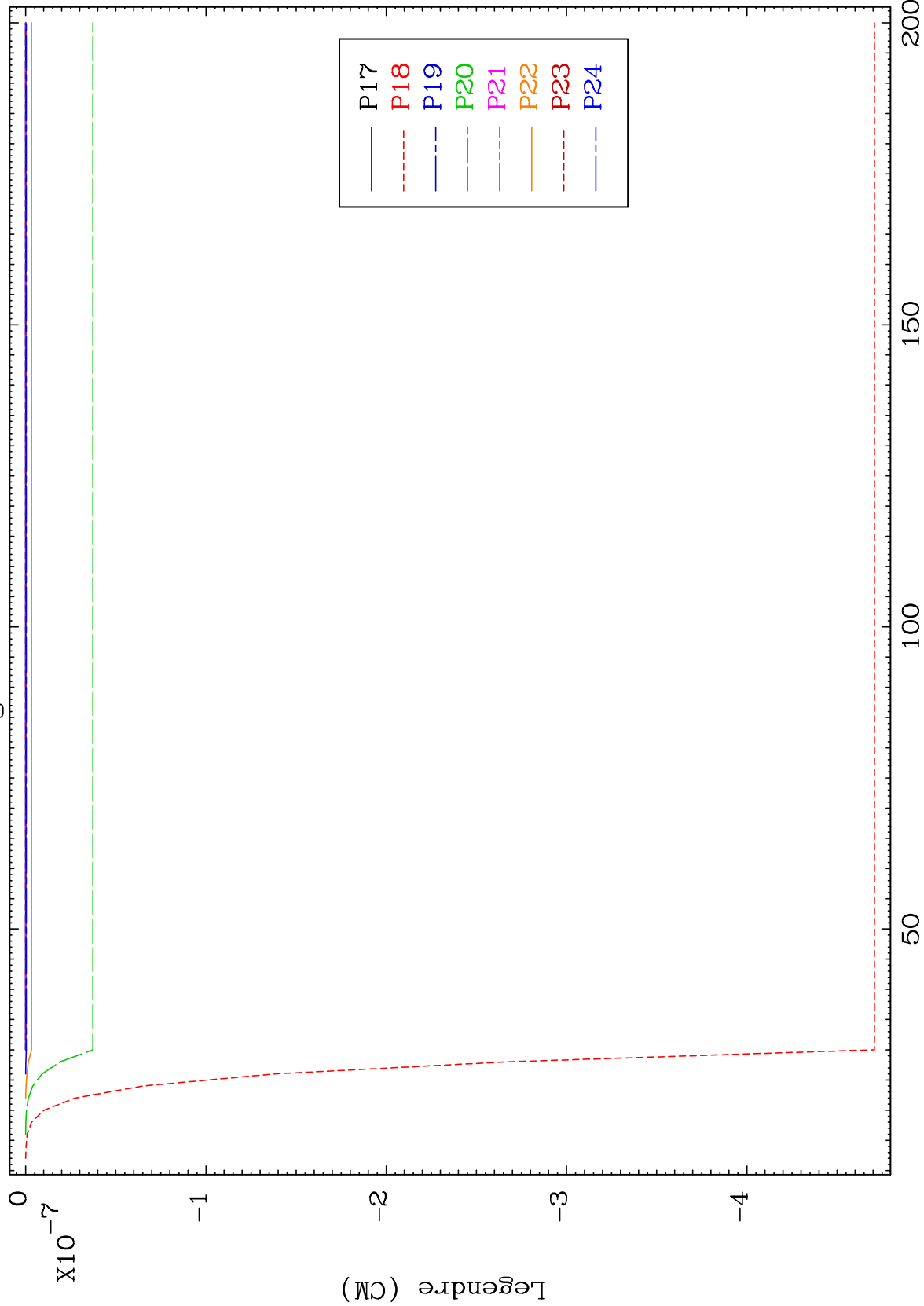
Incident Energy (MeV)

34-Se-77

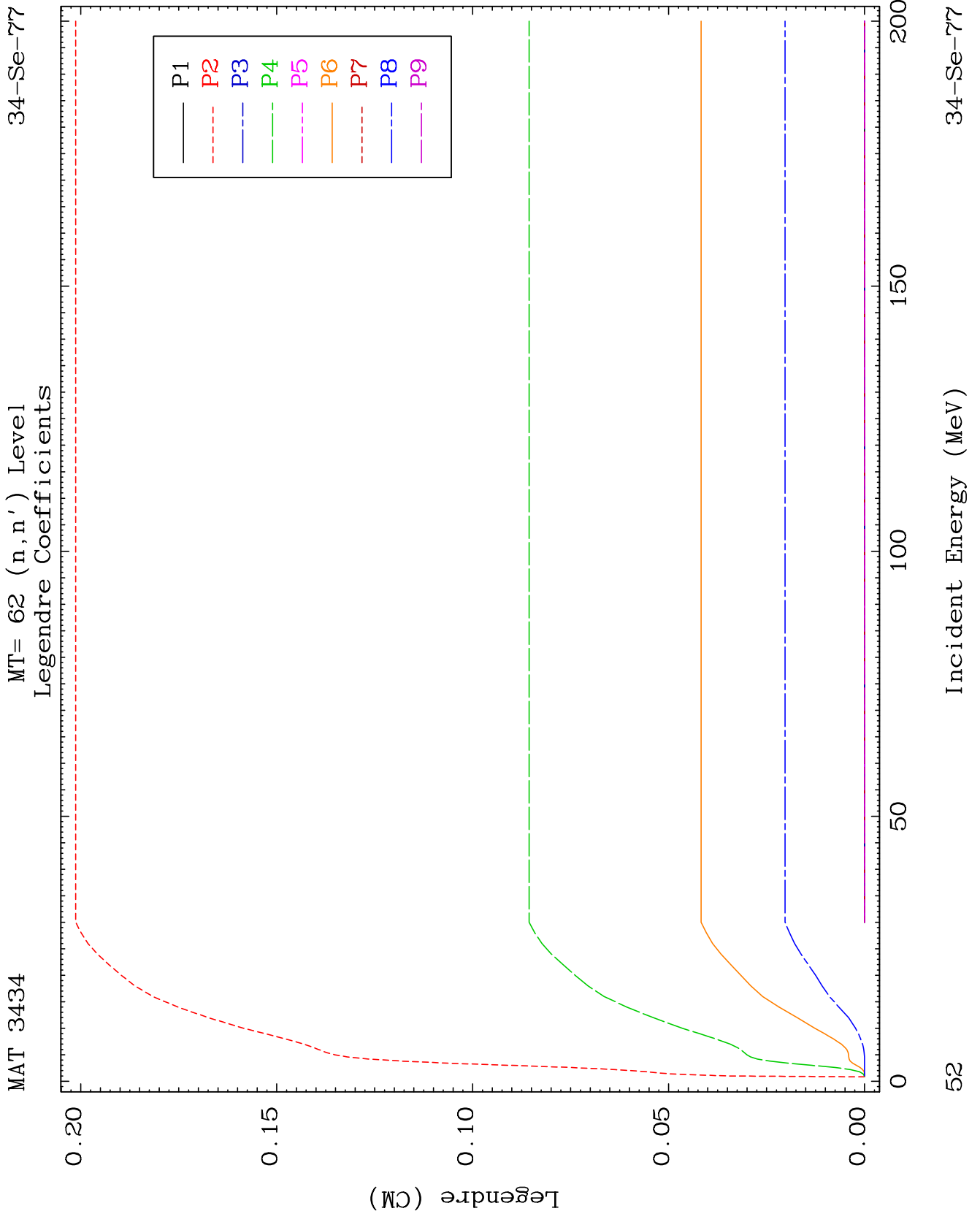


MAT 3434 MT= 61 (n,n') Level 34-Se-77

Legendre Coefficients



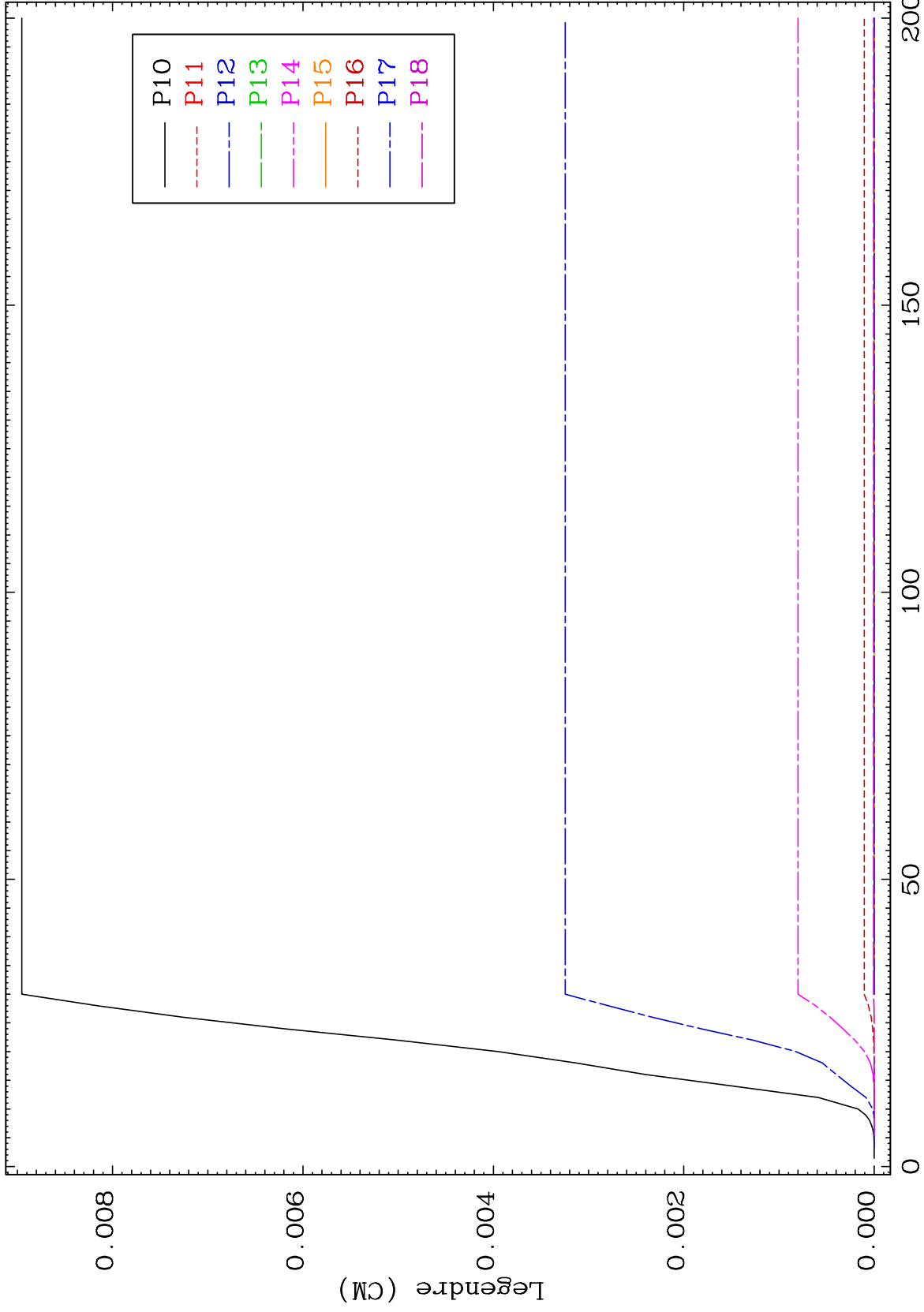
51 34-Se-77



MAT 3434

MT= 62 (n,n') Level
Legendre Coefficients

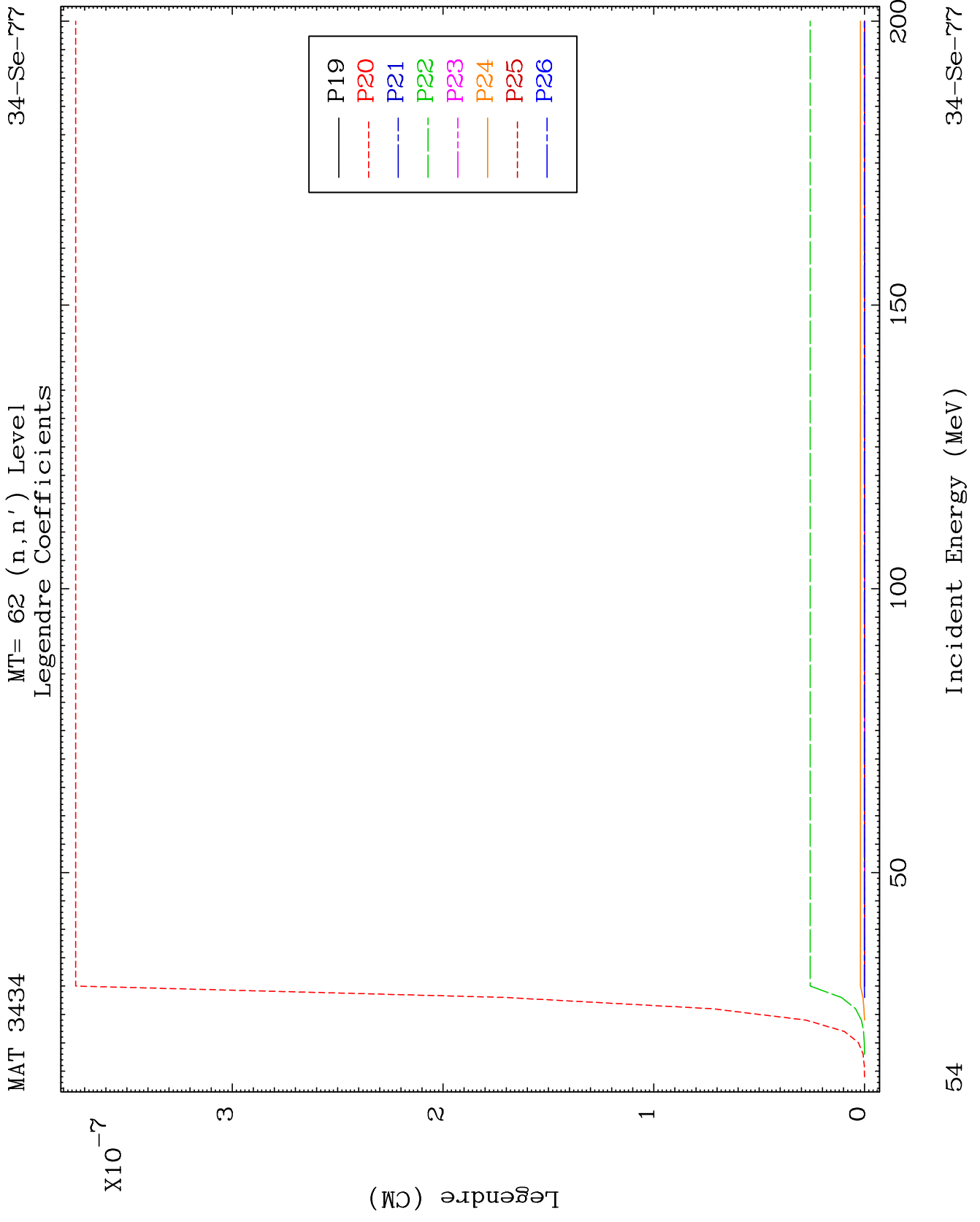
³⁴Se-77



53

Incident Energy (MeV)

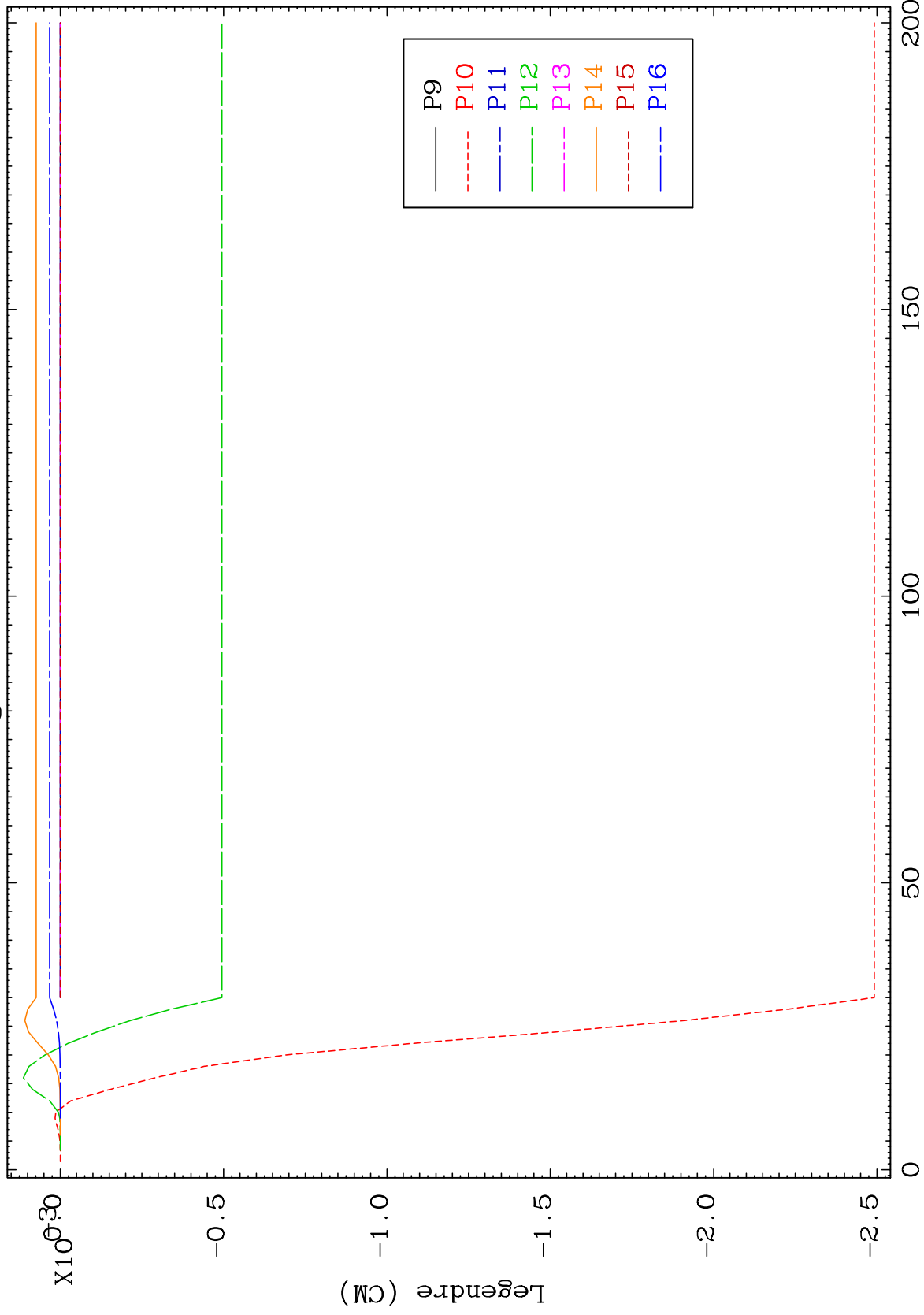
³⁴Se-77



MAT 3434

MT= 63 (n,n') Level
Legendre Coefficients

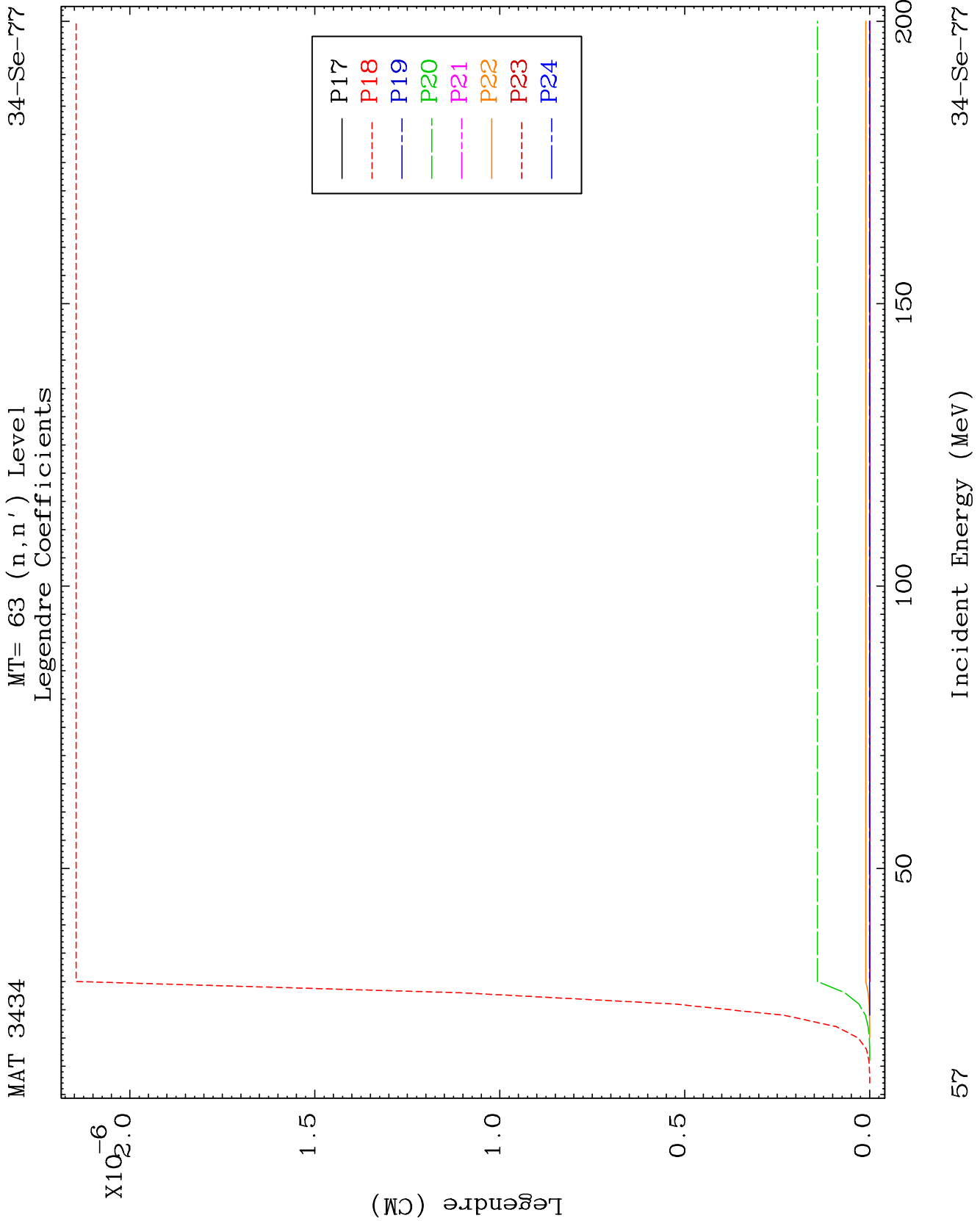
34-Se-77

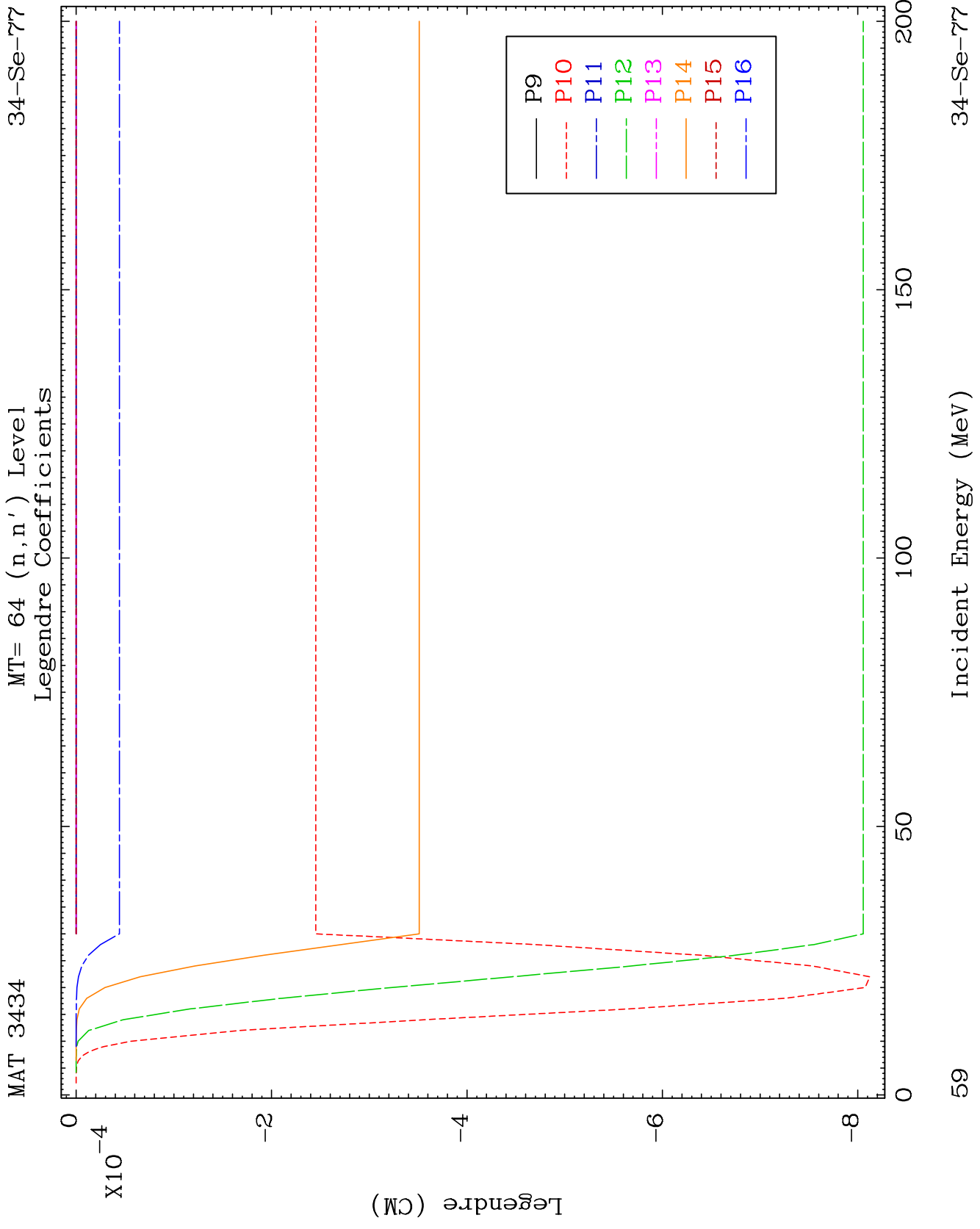


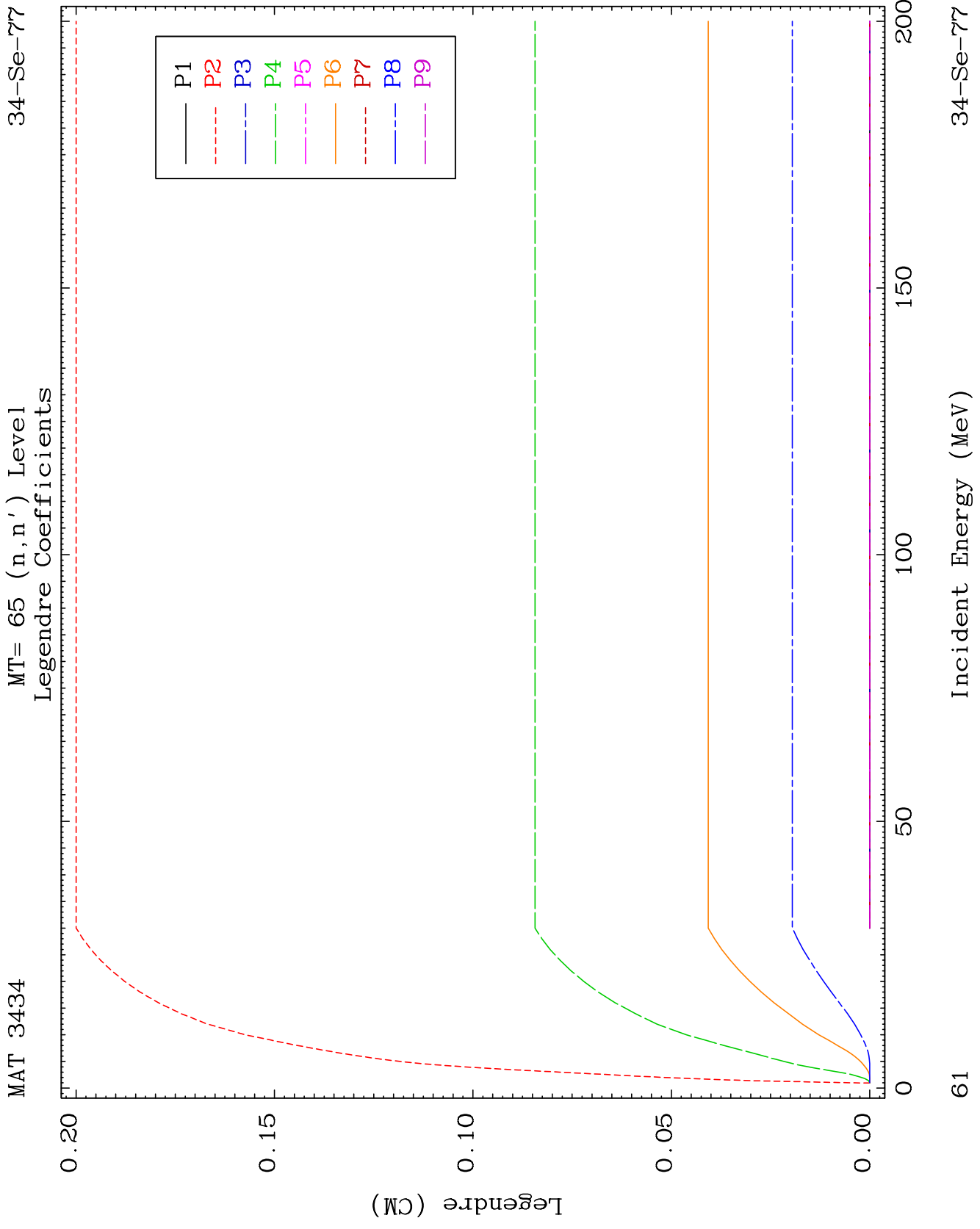
56

Incident Energy (MeV)

34-Se-77



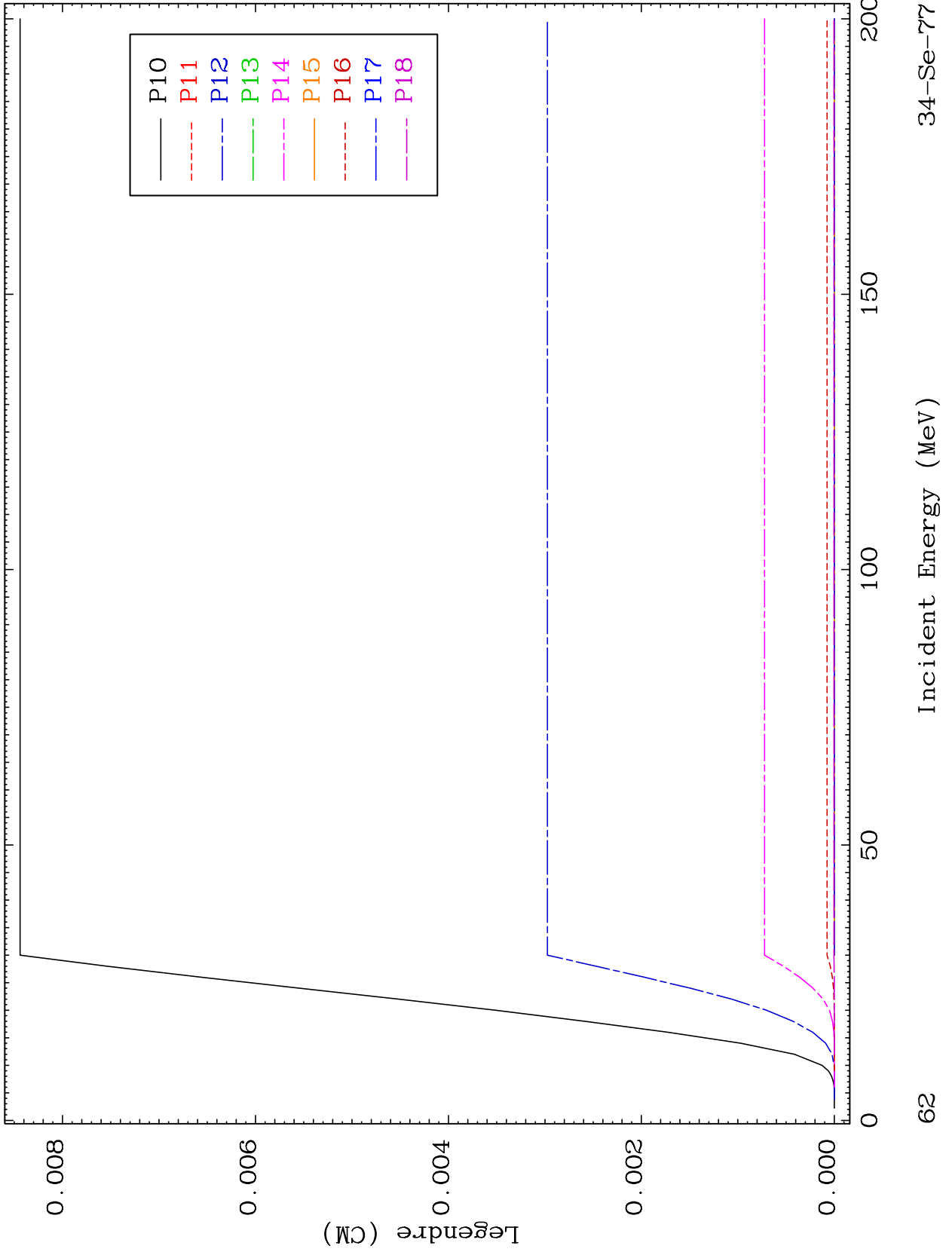


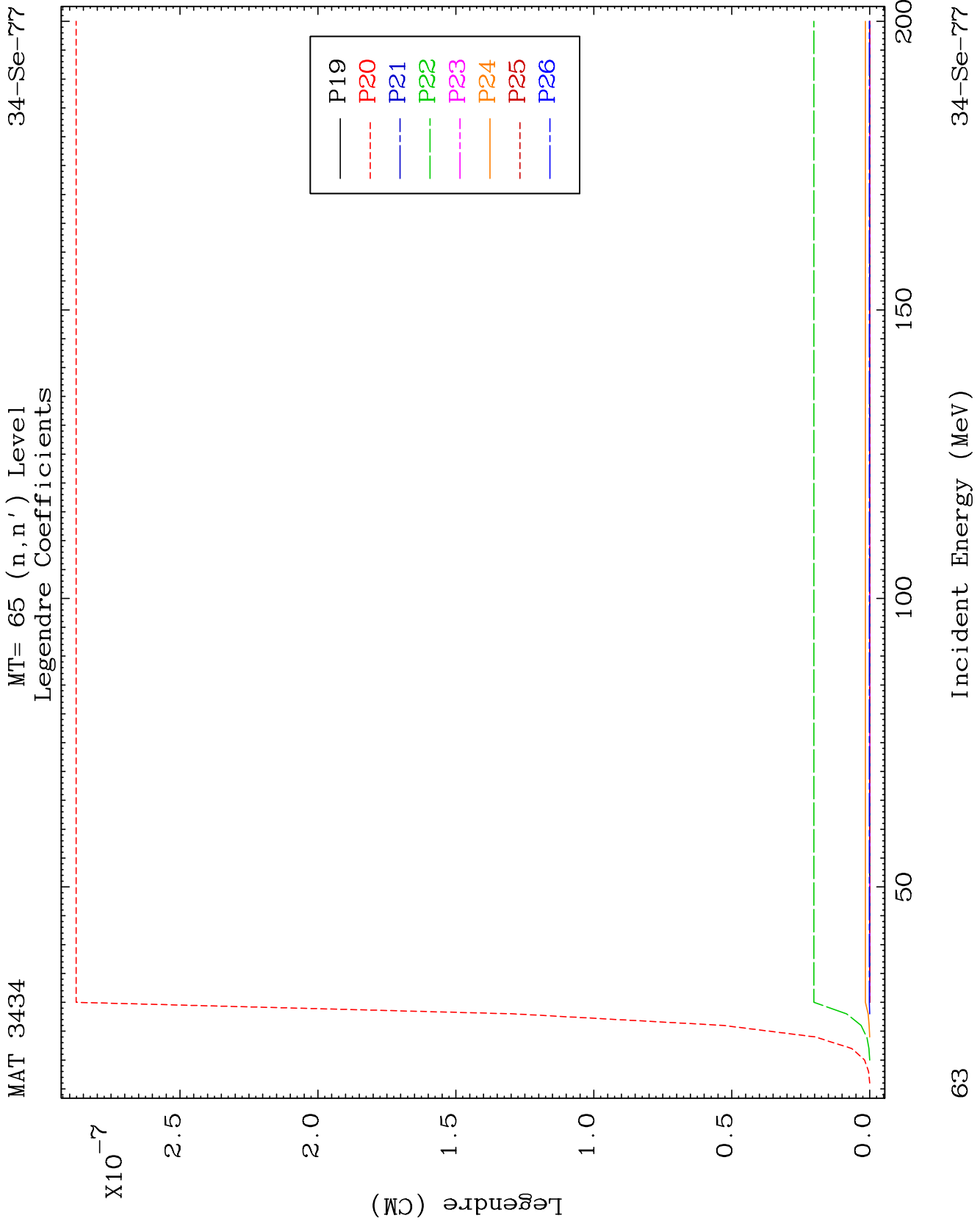


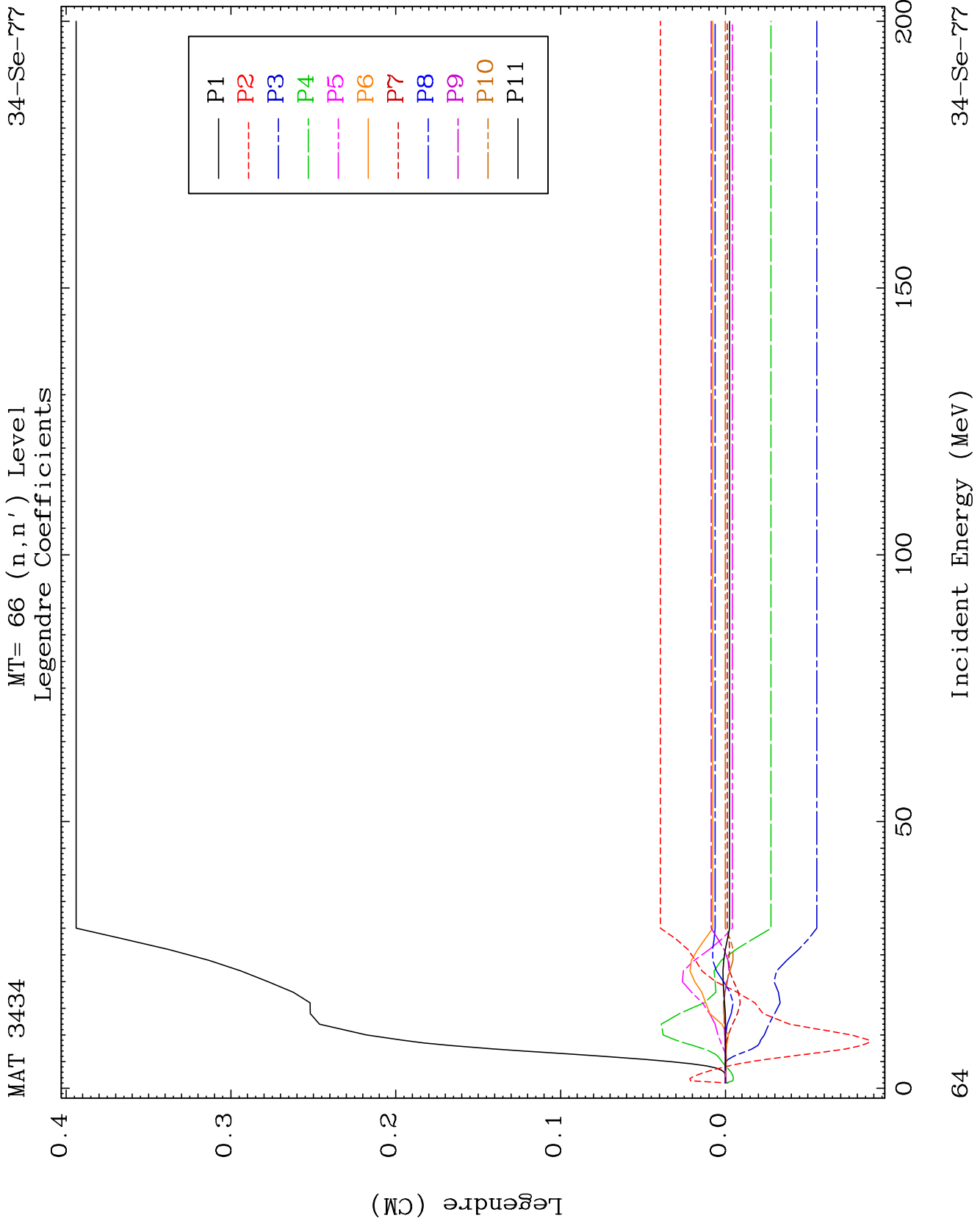
MAT 3434

MT= 65 (n,n') Level
Legendre Coefficients

³⁴Se-77



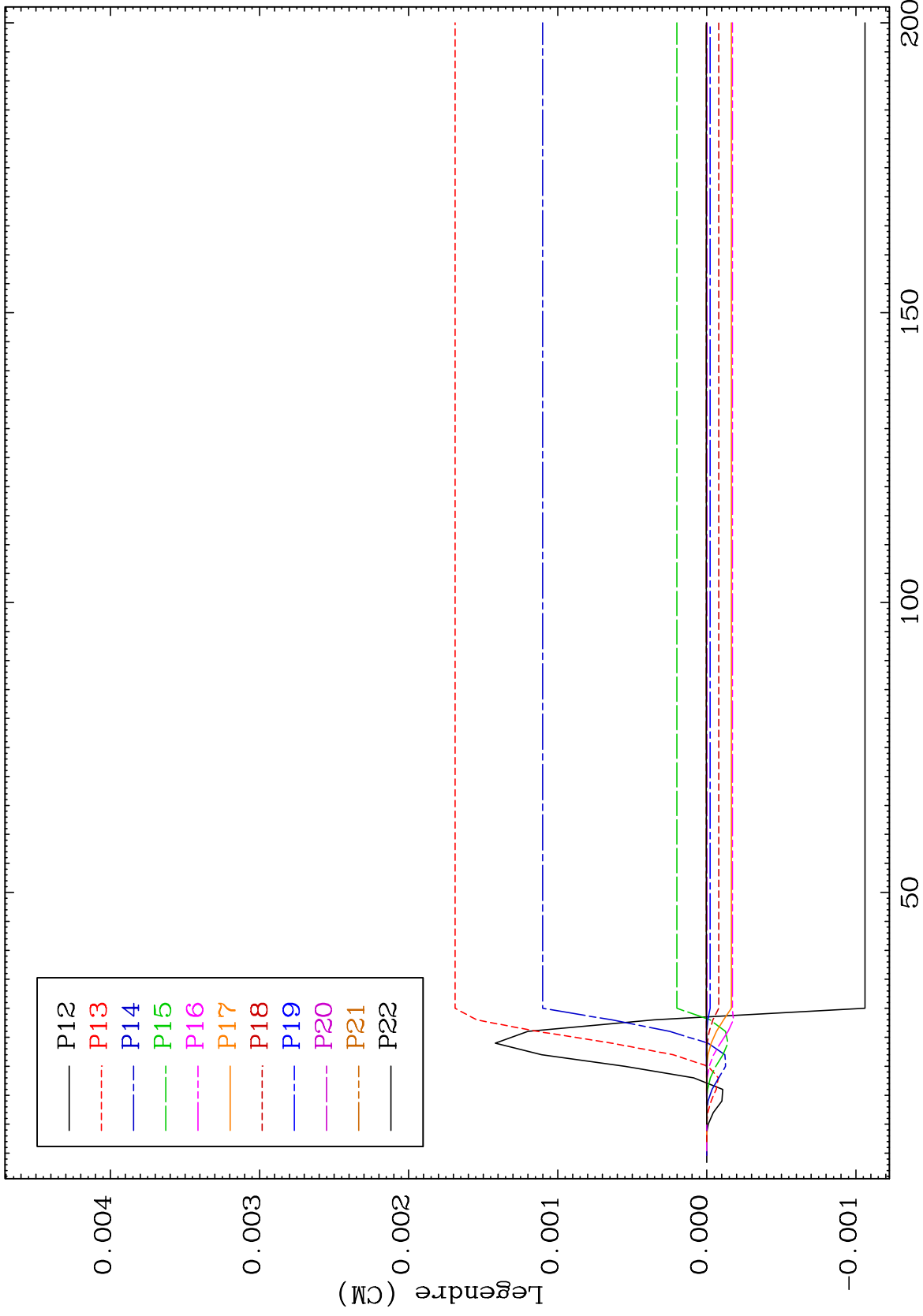




MAT 3434

MT= 66 (n,n') Level
Legendre Coefficients

34-Se-77



65

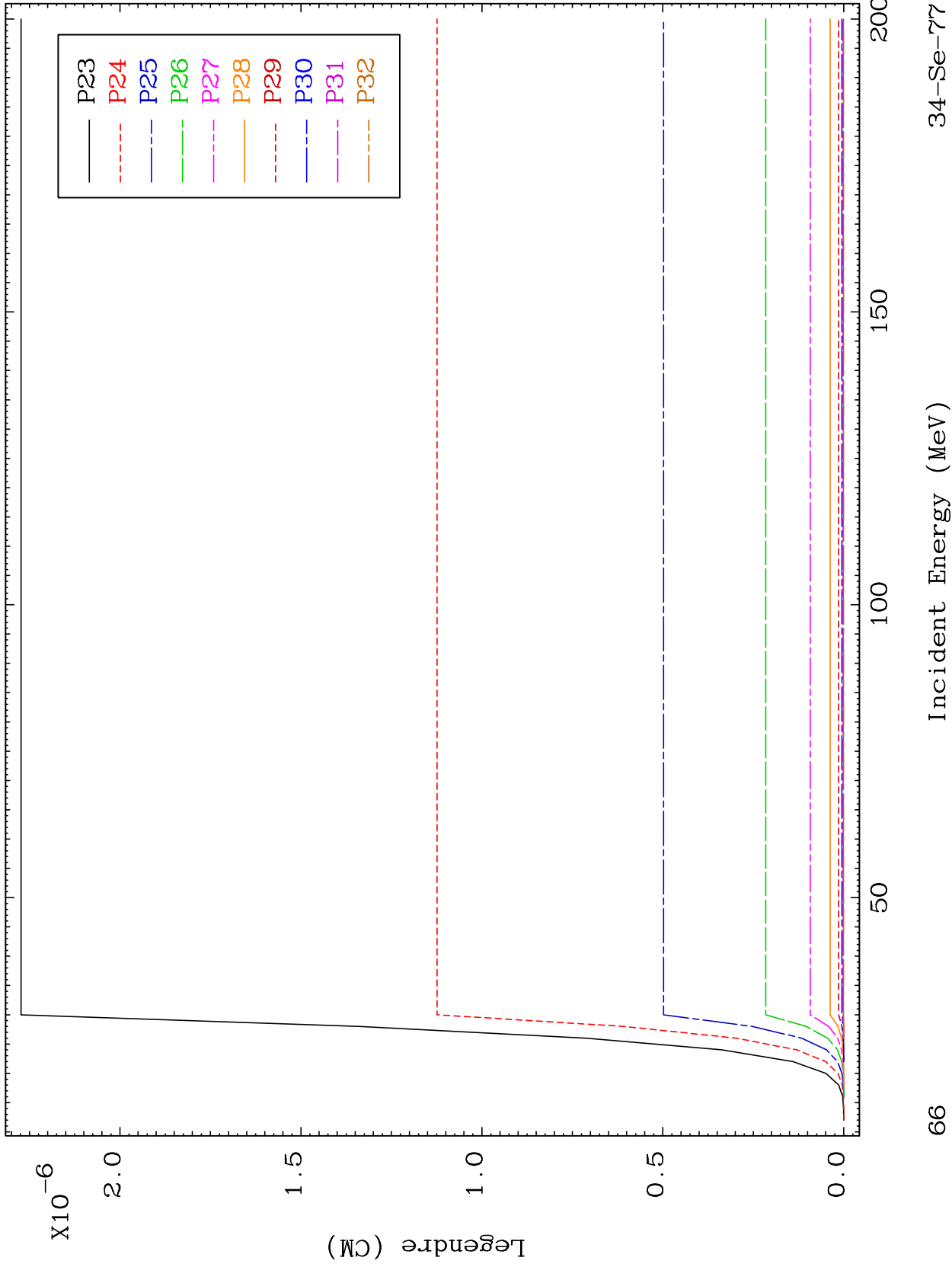
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 66 (n,n') Level
Legendre Coefficients

³⁴Se-77



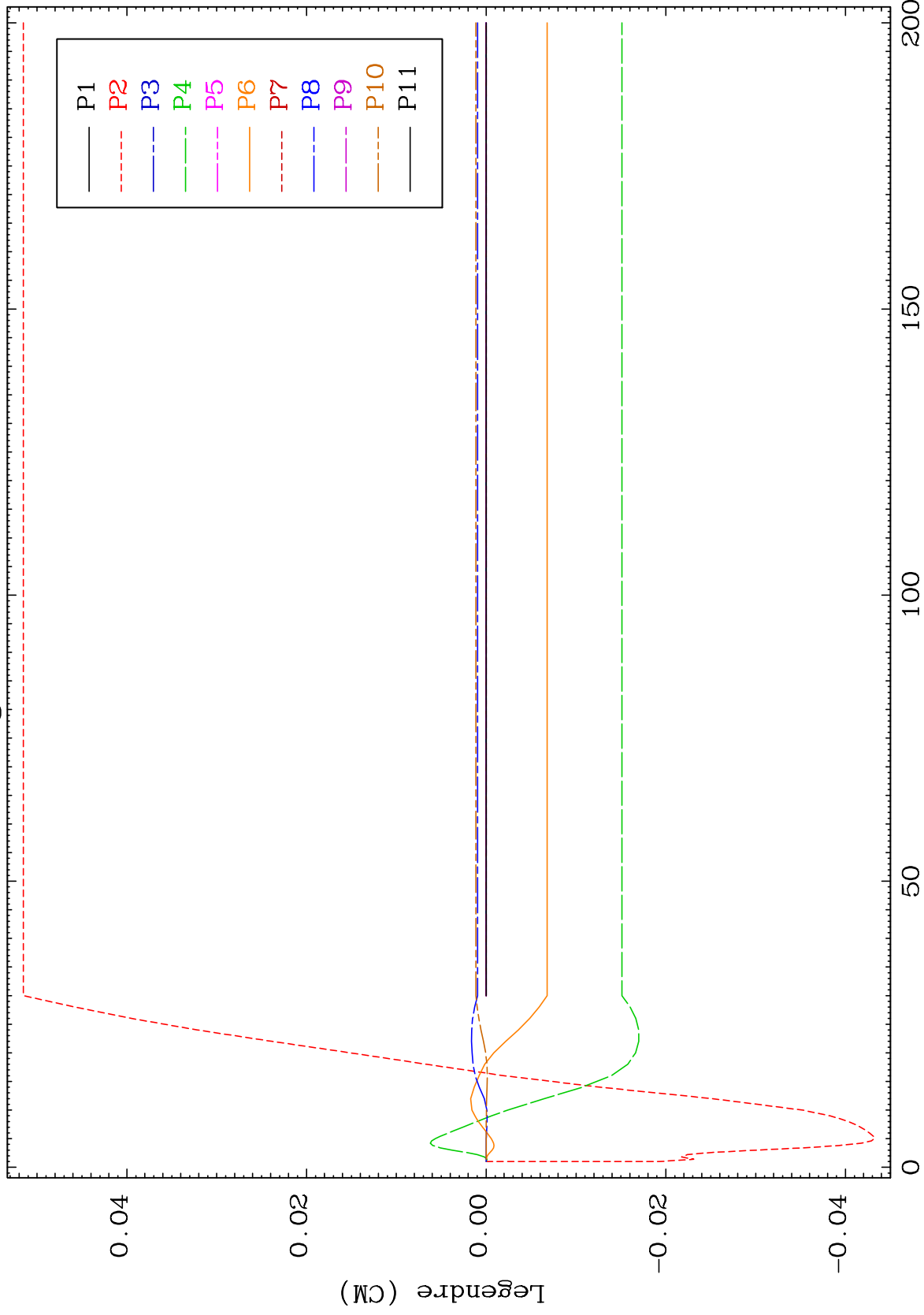
66

³⁴Se-77

MAT 3434

MT= 67 (n,n') Level
Legendre Coefficients

³⁴Se-77



67

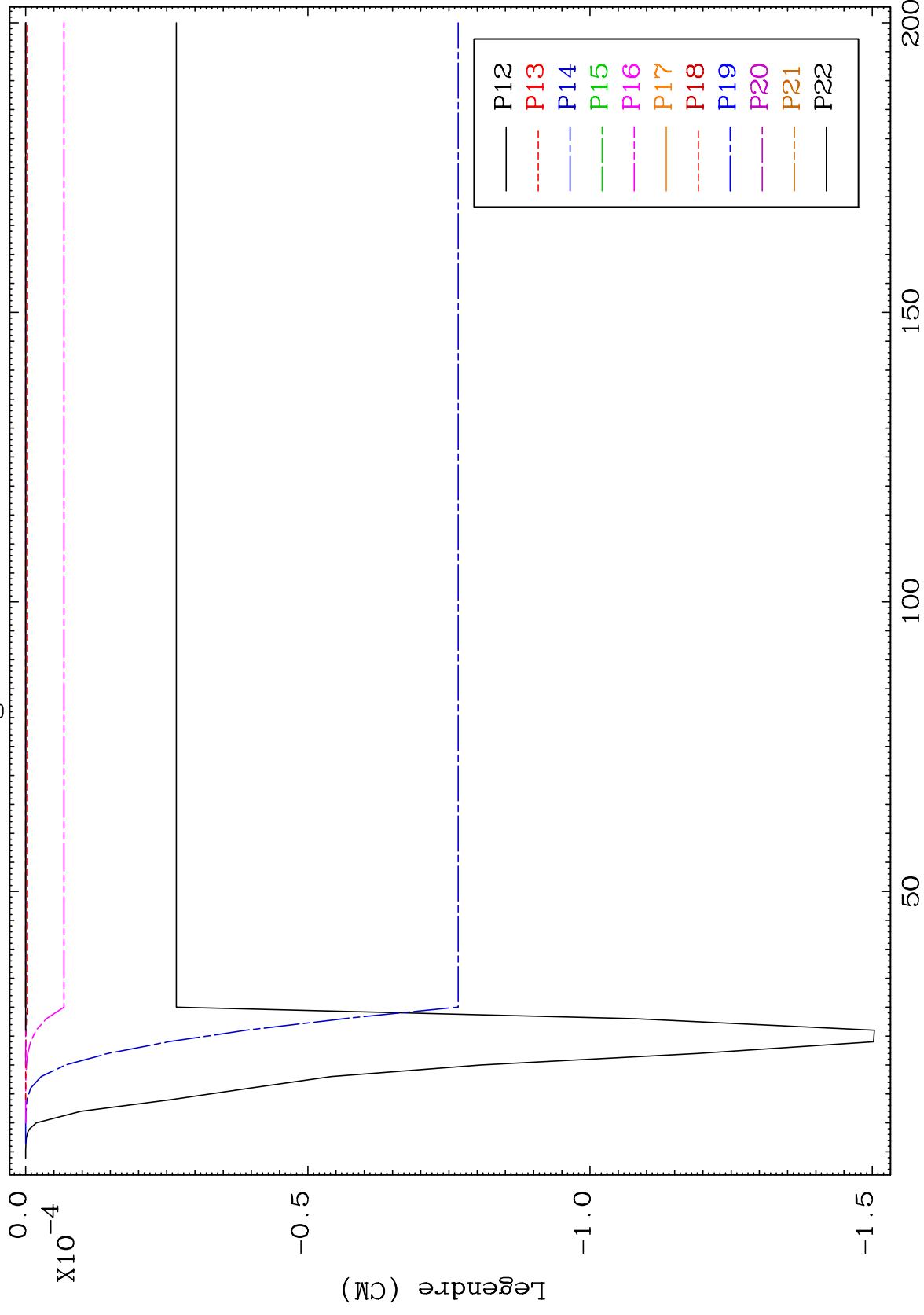
Incident Energy (MeV)

³⁴Se-77

MAT 3434

MT= 67 (n,n') Level
Legendre Coefficients

34-Se-77



68

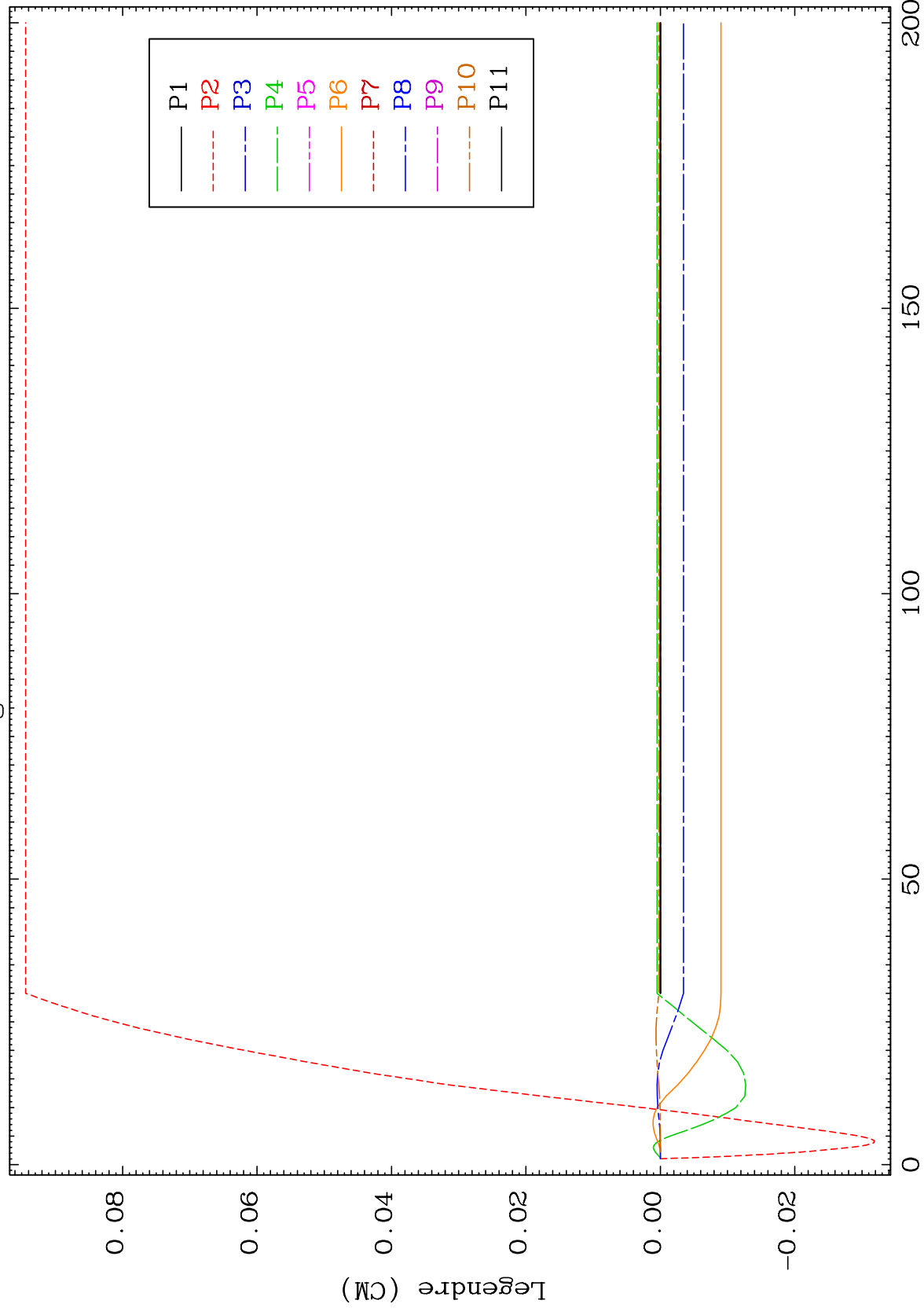
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 68 (n,n') Level
Legendre Coefficients

34-Se-77



69

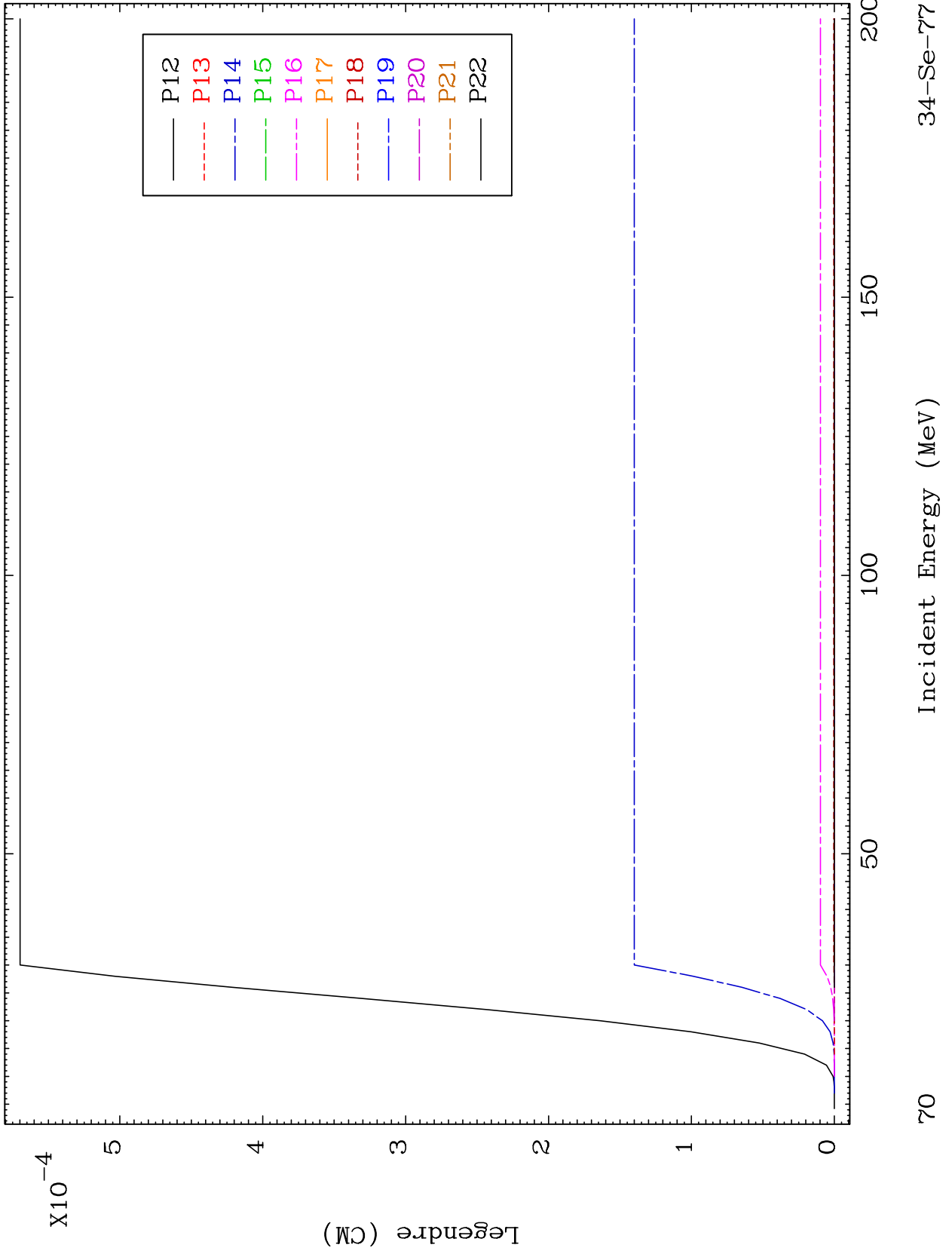
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 68 (n,n') Level
Legendre Coefficients

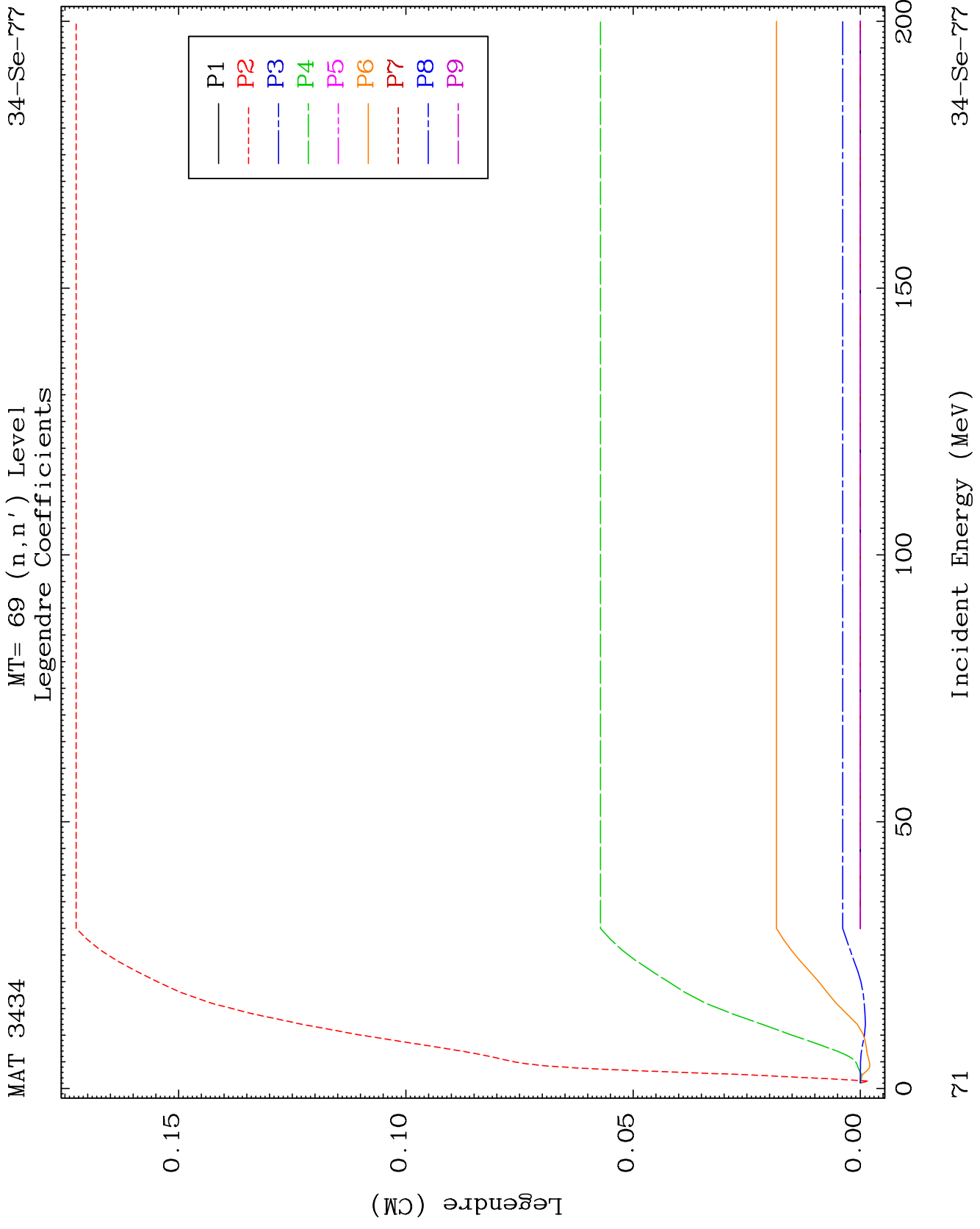
34-Se-77



70

Incident Energy (MeV)

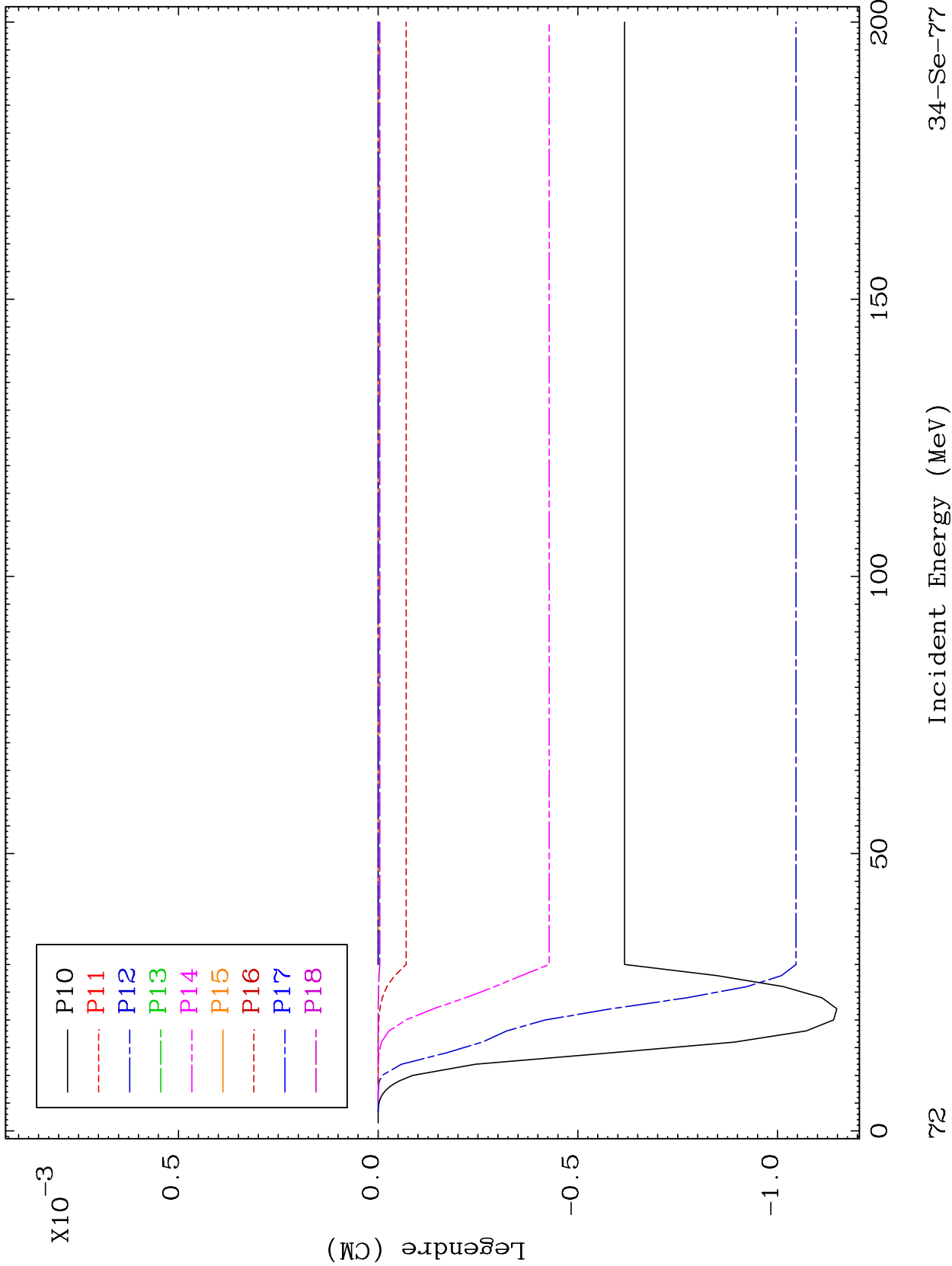
34-Se-77



MAT 3434

MT= 69 (n,n') Level
Legendre Coefficients

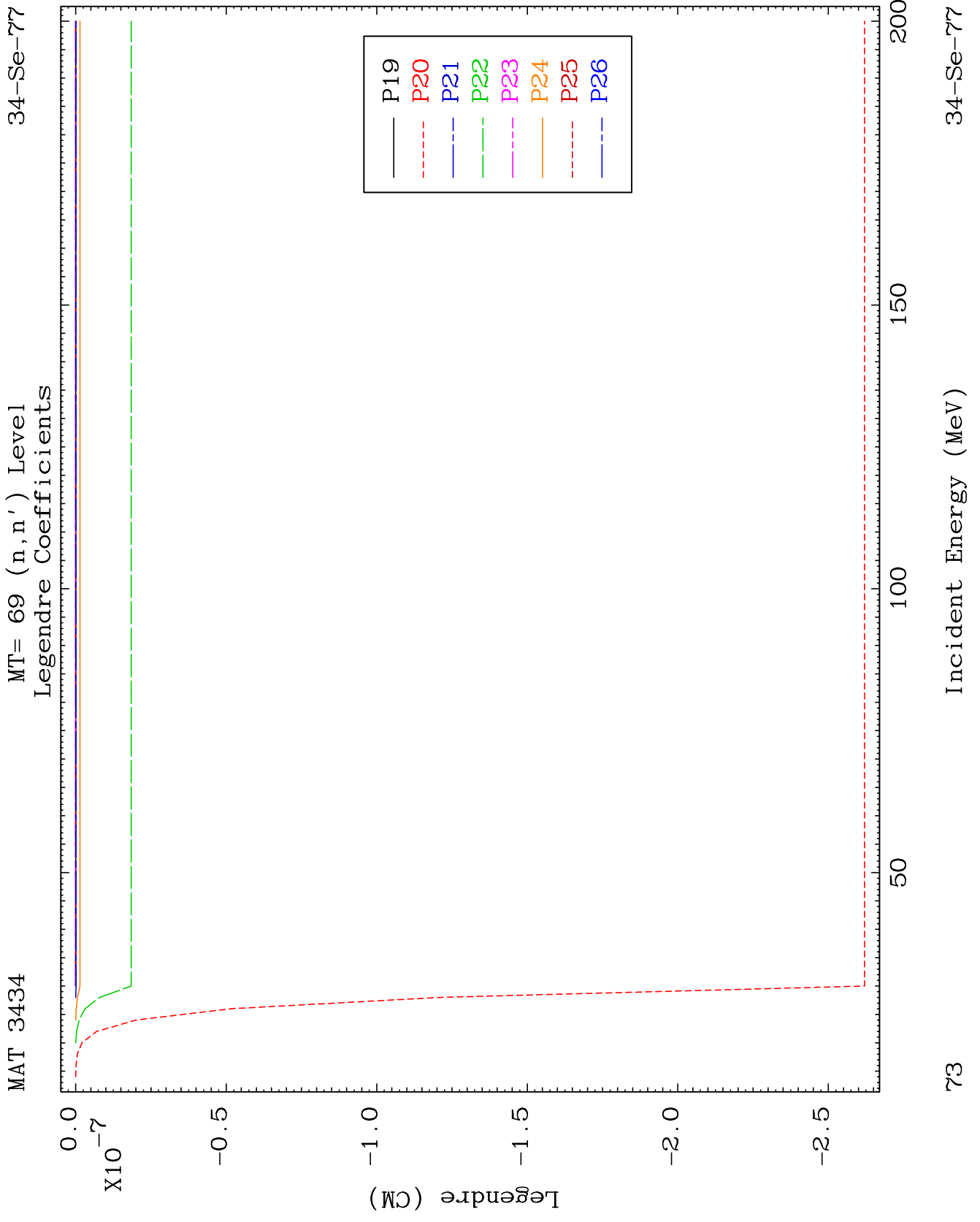
34-Se-77



72

Incident Energy (MeV)

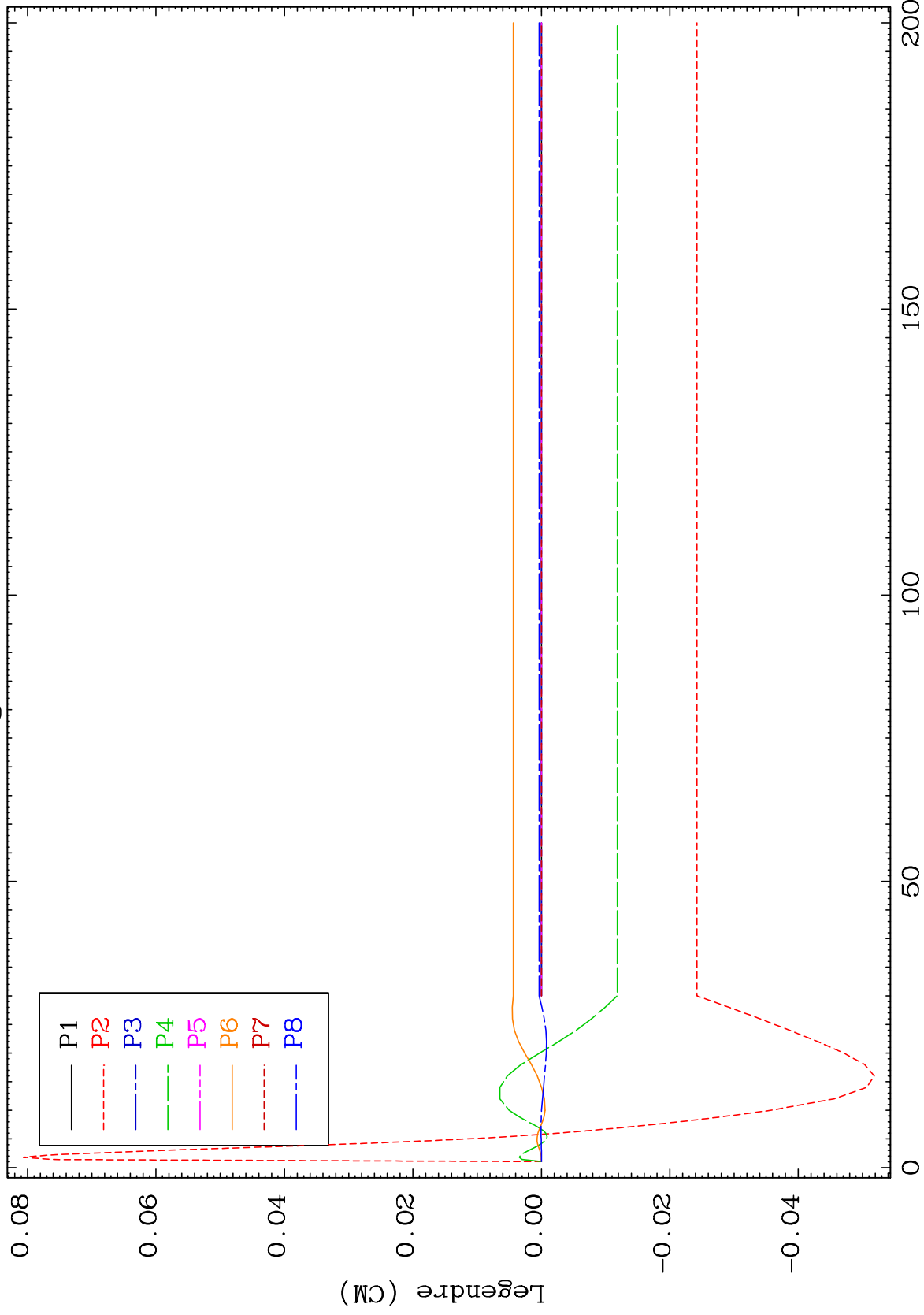
34-Se-77



MAT 3434

MT= 70 (n,n') Level
Legendre Coefficients

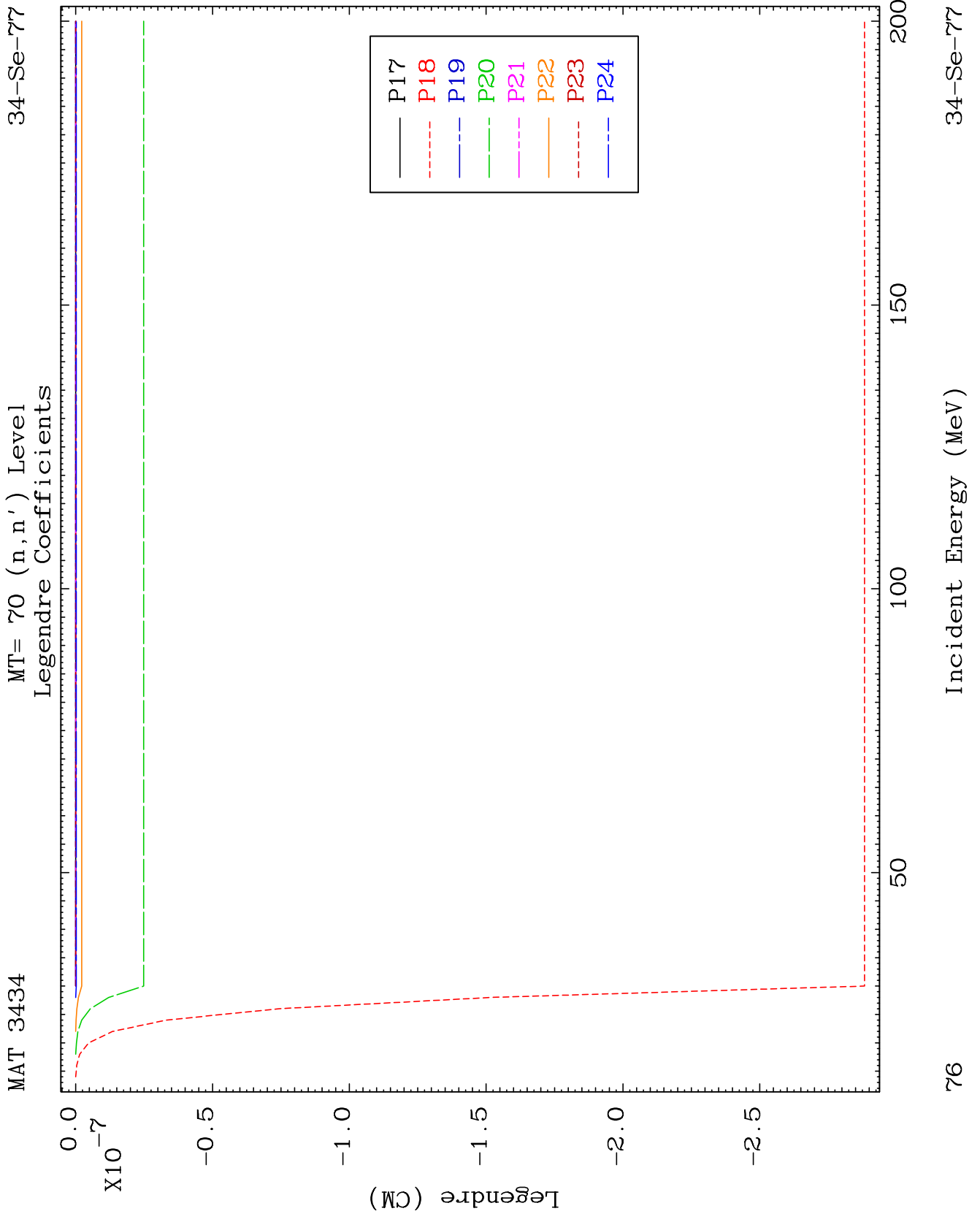
³⁴Se-77

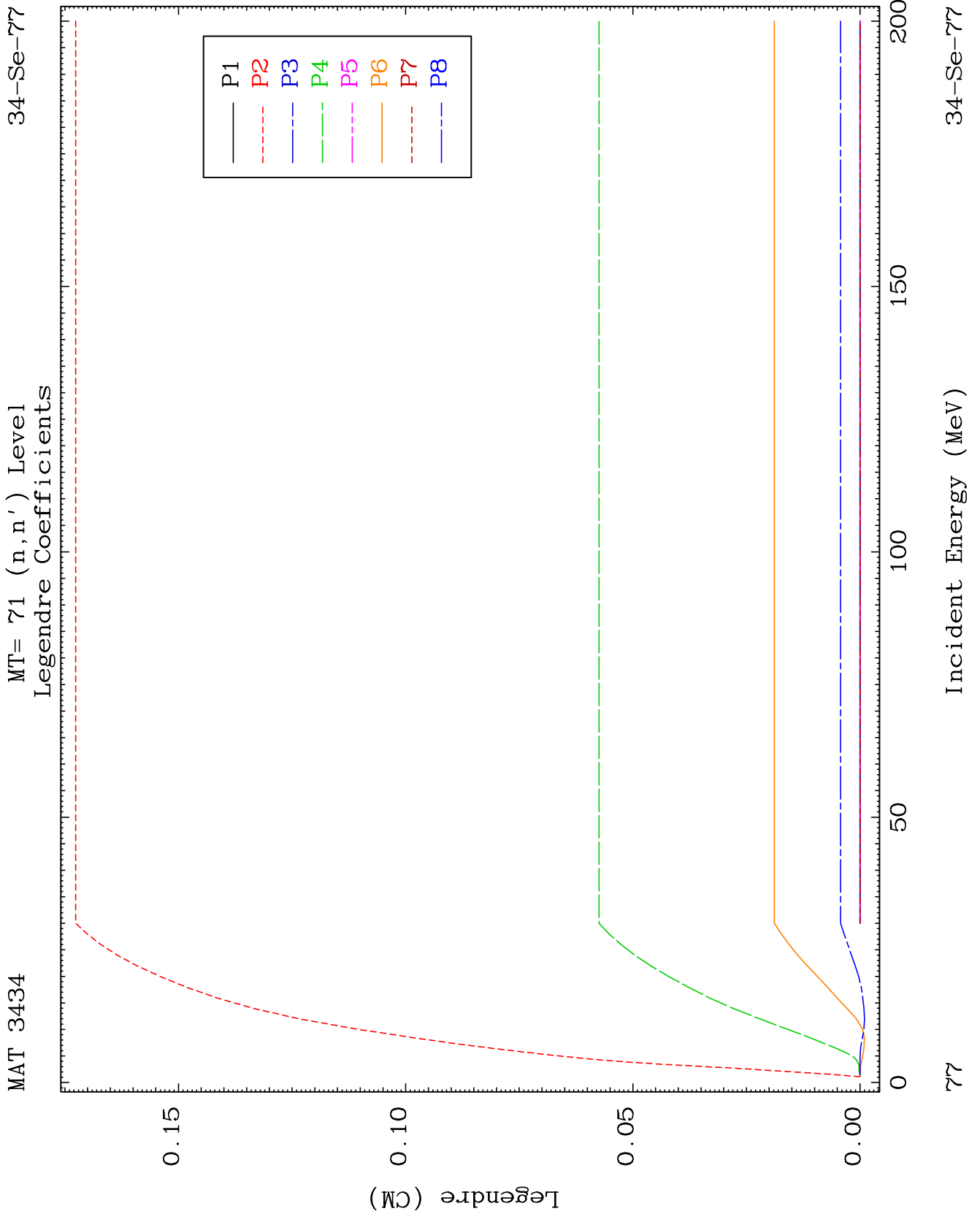


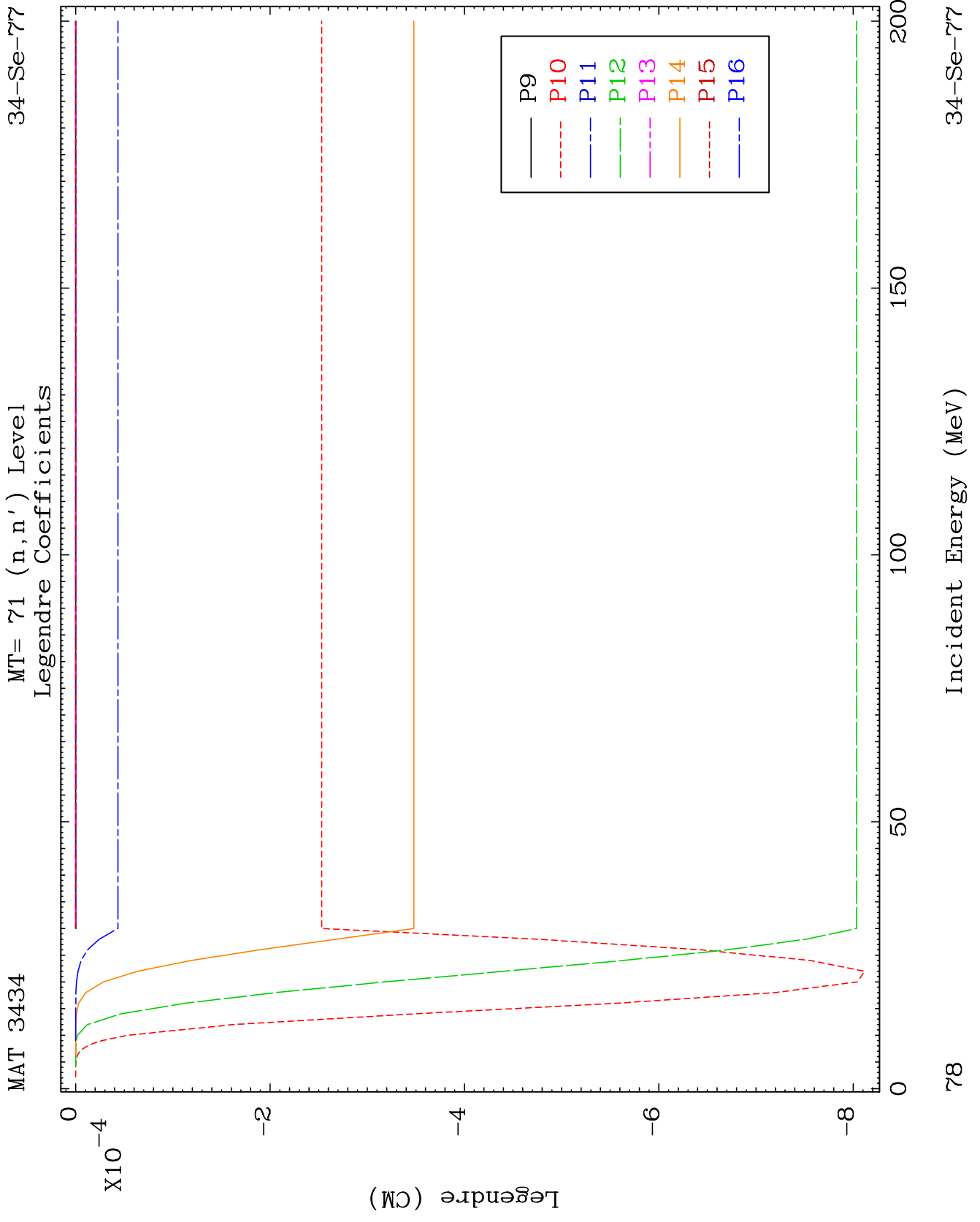
74

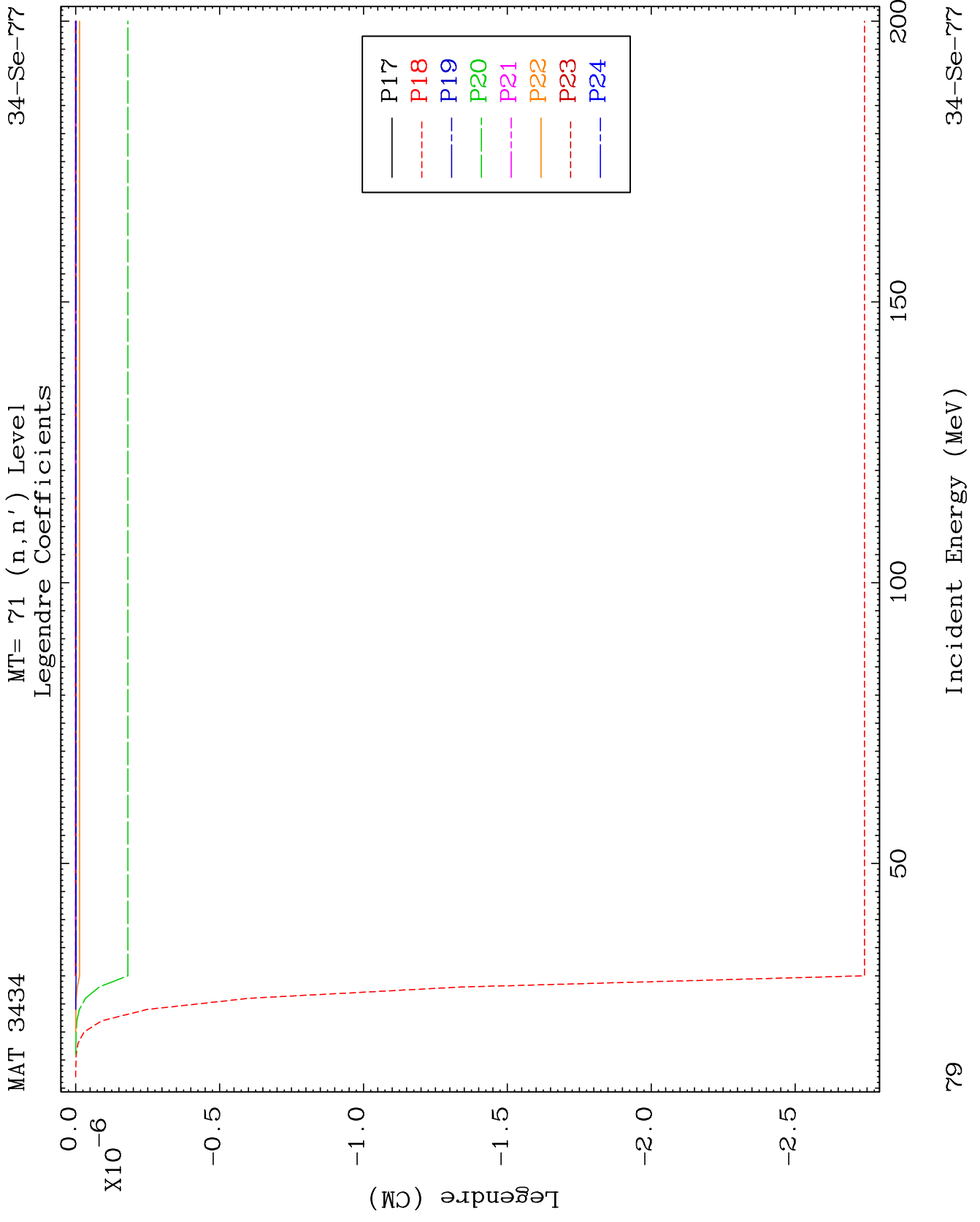
Incident Energy (MeV)

³⁴Se-77





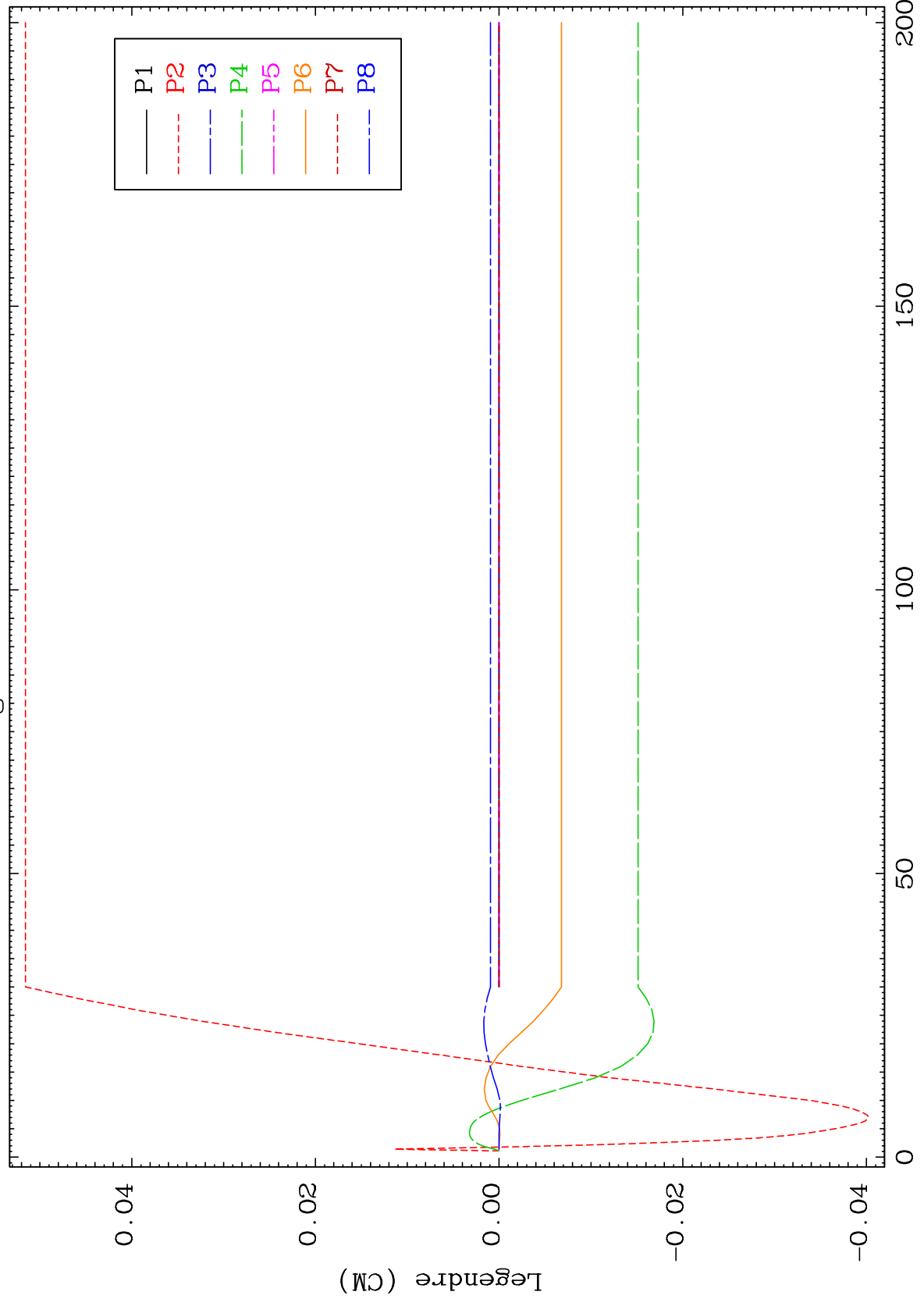




MAT 3434

MT= 72 (n,n') Level
Legendre Coefficients

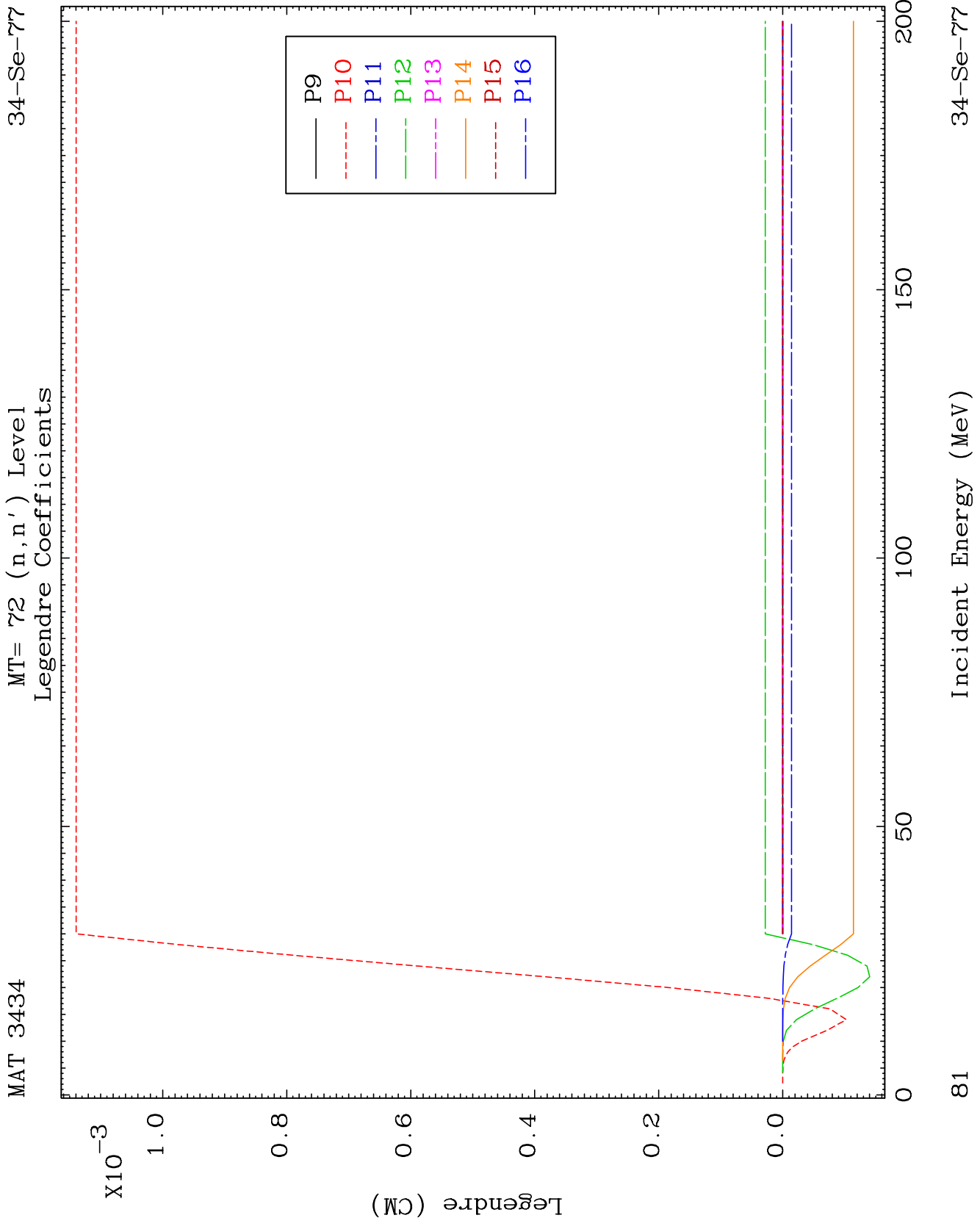
34-Se-77

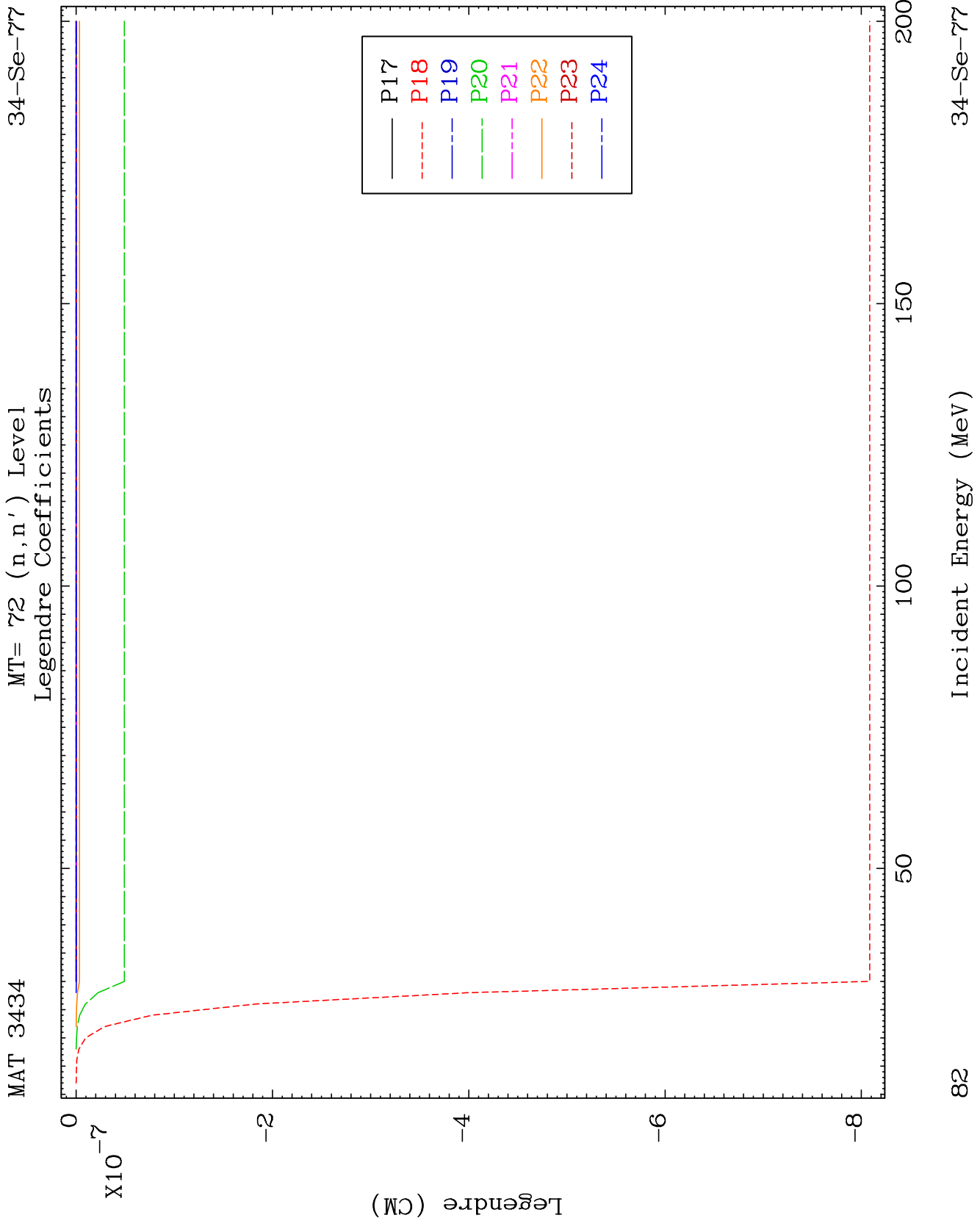


34-Se-77

Incident Energy (MeV)

80

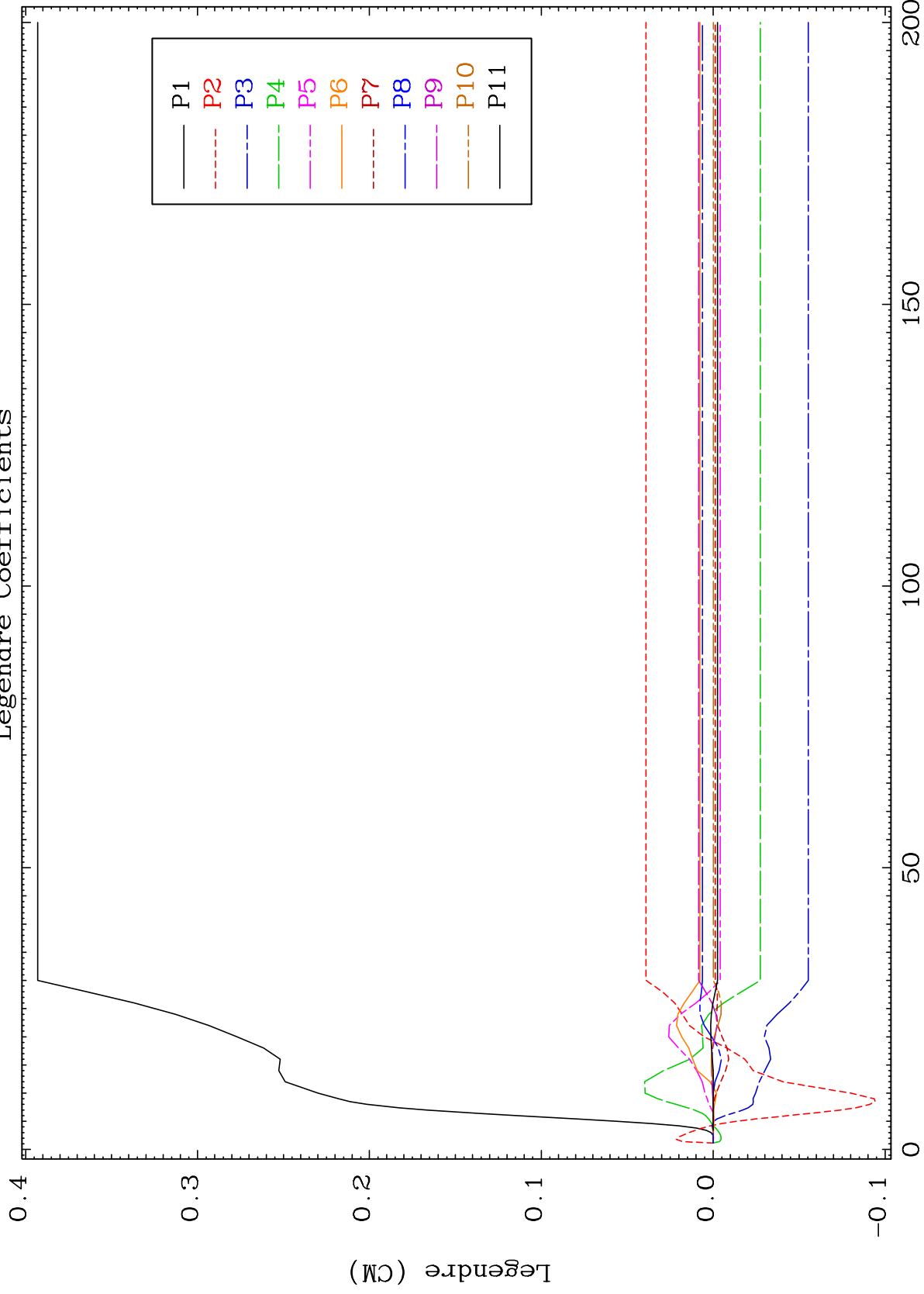




MAT 3434

MT= 73 (n,n') Level
Legendre Coefficients

34-Se-77



34-Se-77

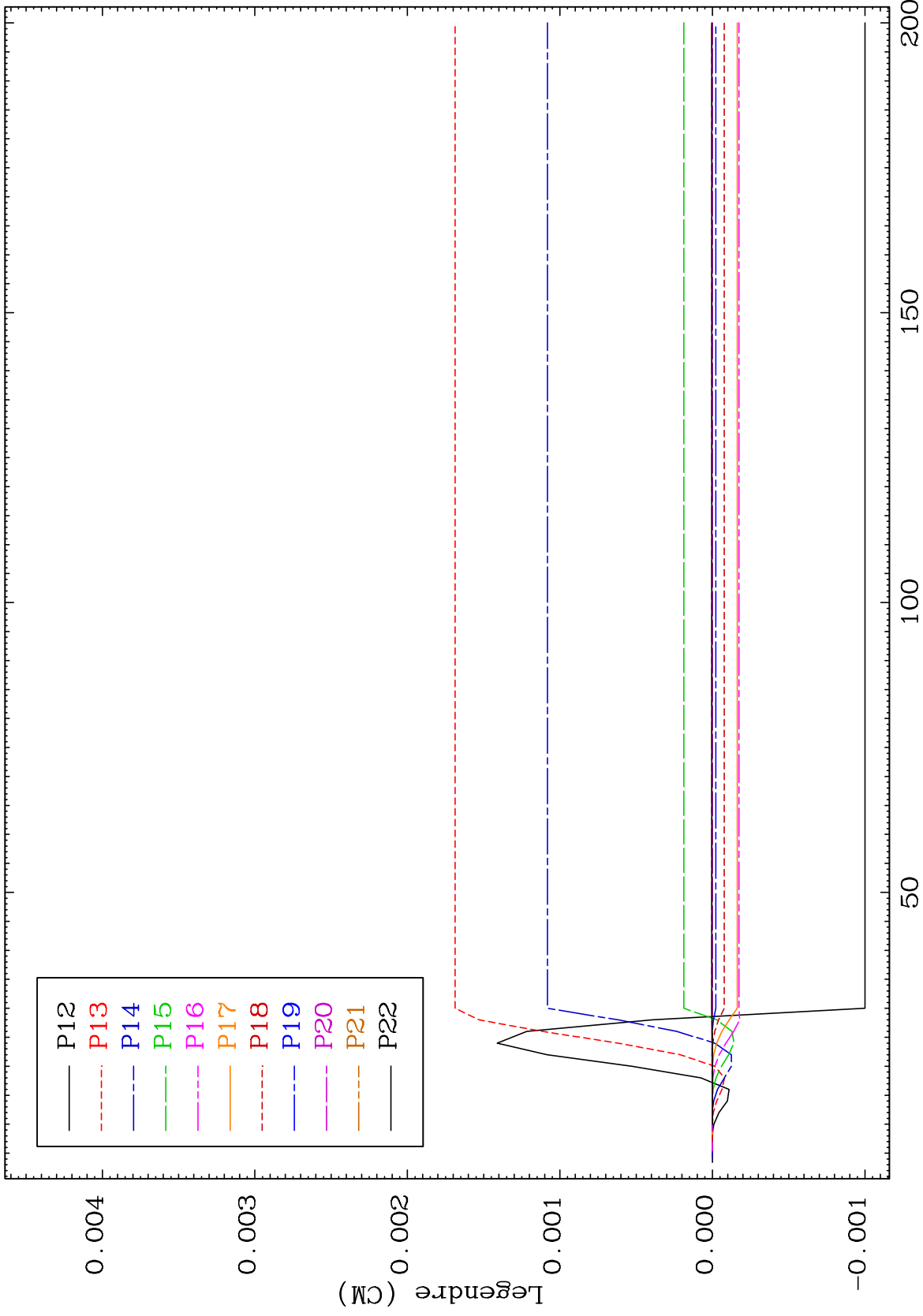
Incident Energy (MeV)

83

MAT 3434

MT= 73 (n,n') Level
Legendre Coefficients

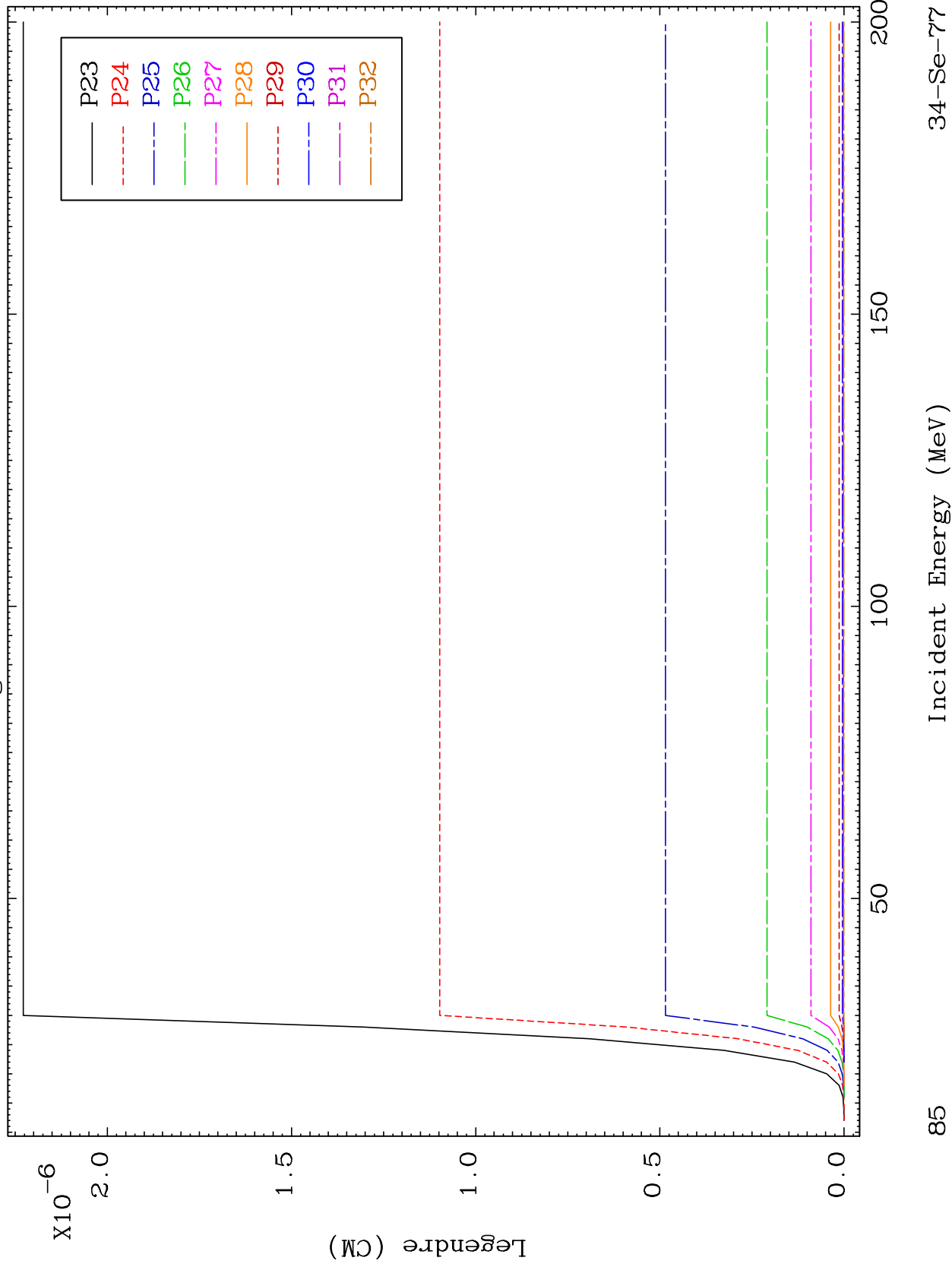
34-Se-77



MAT 3434

MT= 73 (n,n') Level
Legendre Coefficients

³⁴Se-77



85

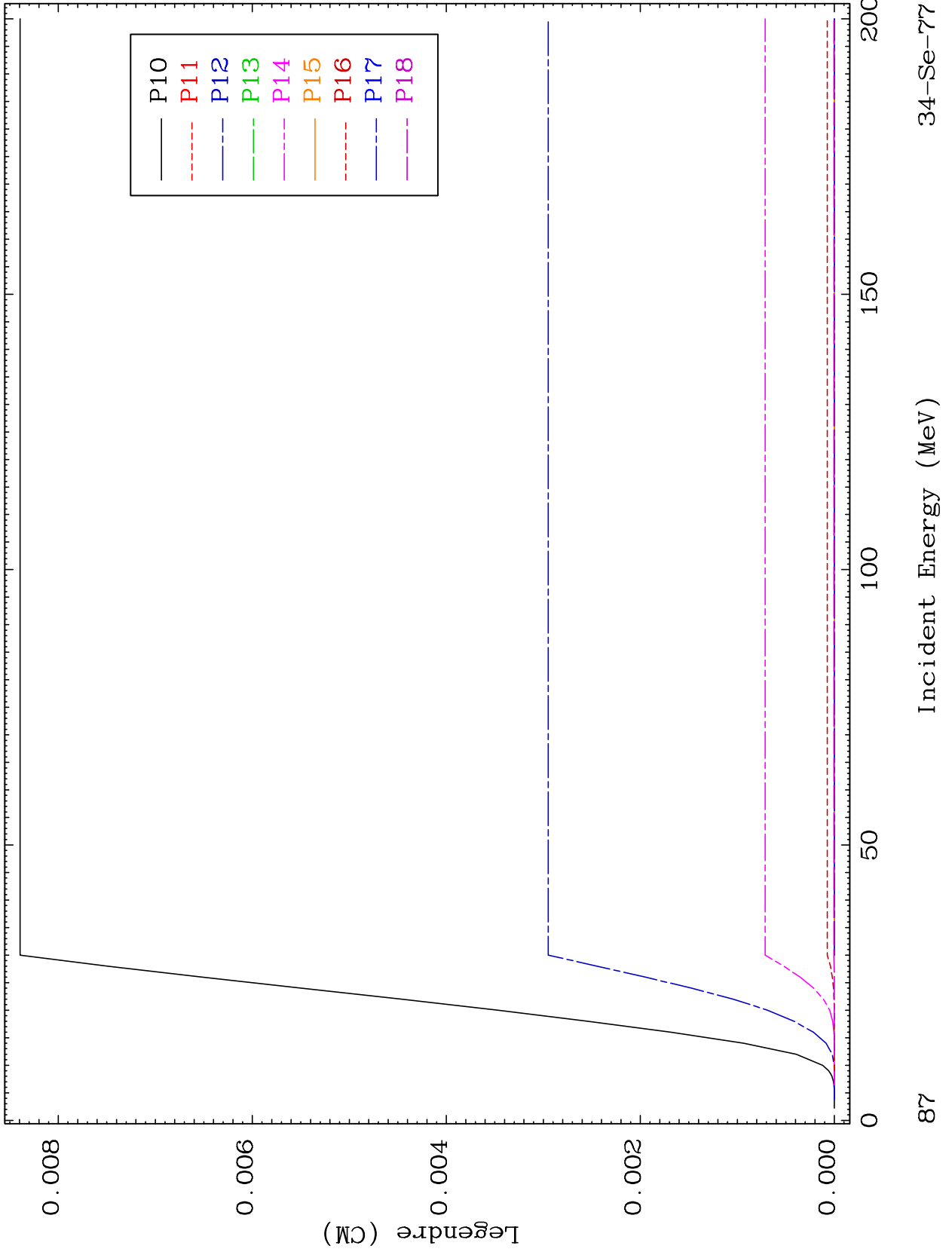
Incident Energy (MeV)

³⁴Se-77

MAT 3434

MT= 74 (n,n') Level
Legendre Coefficients

34-Se-77



87

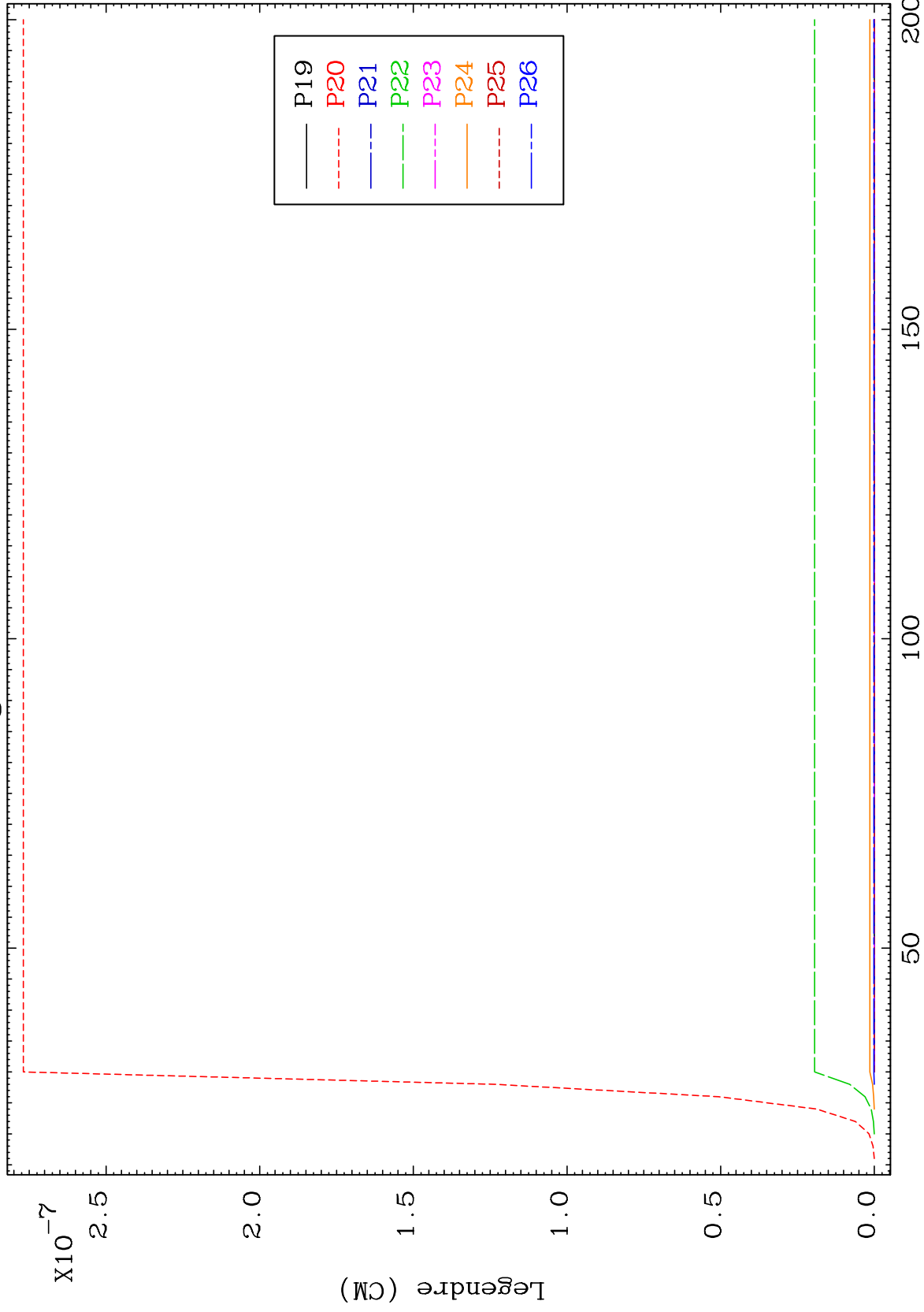
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 74 (n,n') Level
Legendre Coefficients

34-Se-77



88

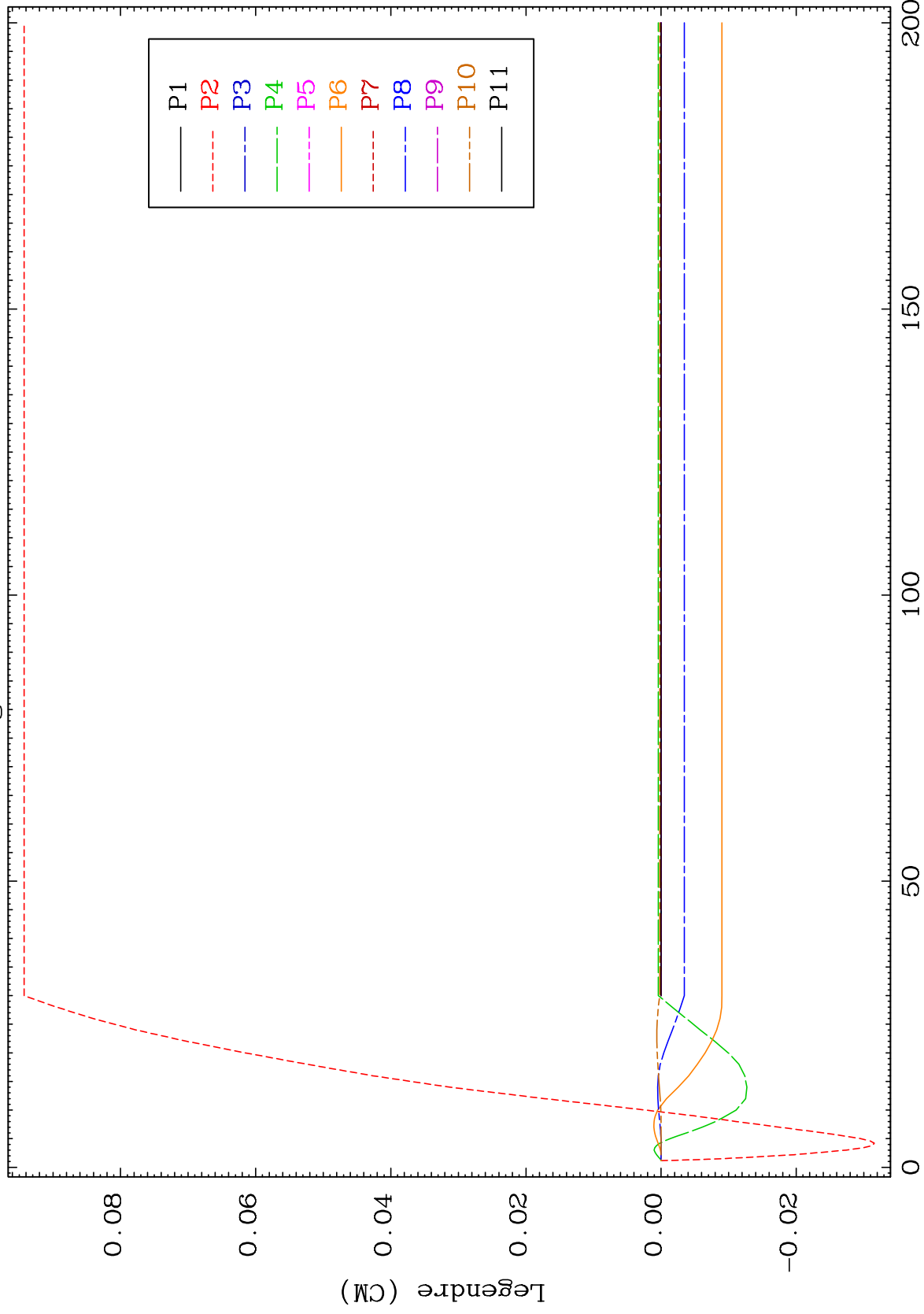
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 75 (n,n') Level
Legendre Coefficients

34-Se-77



89

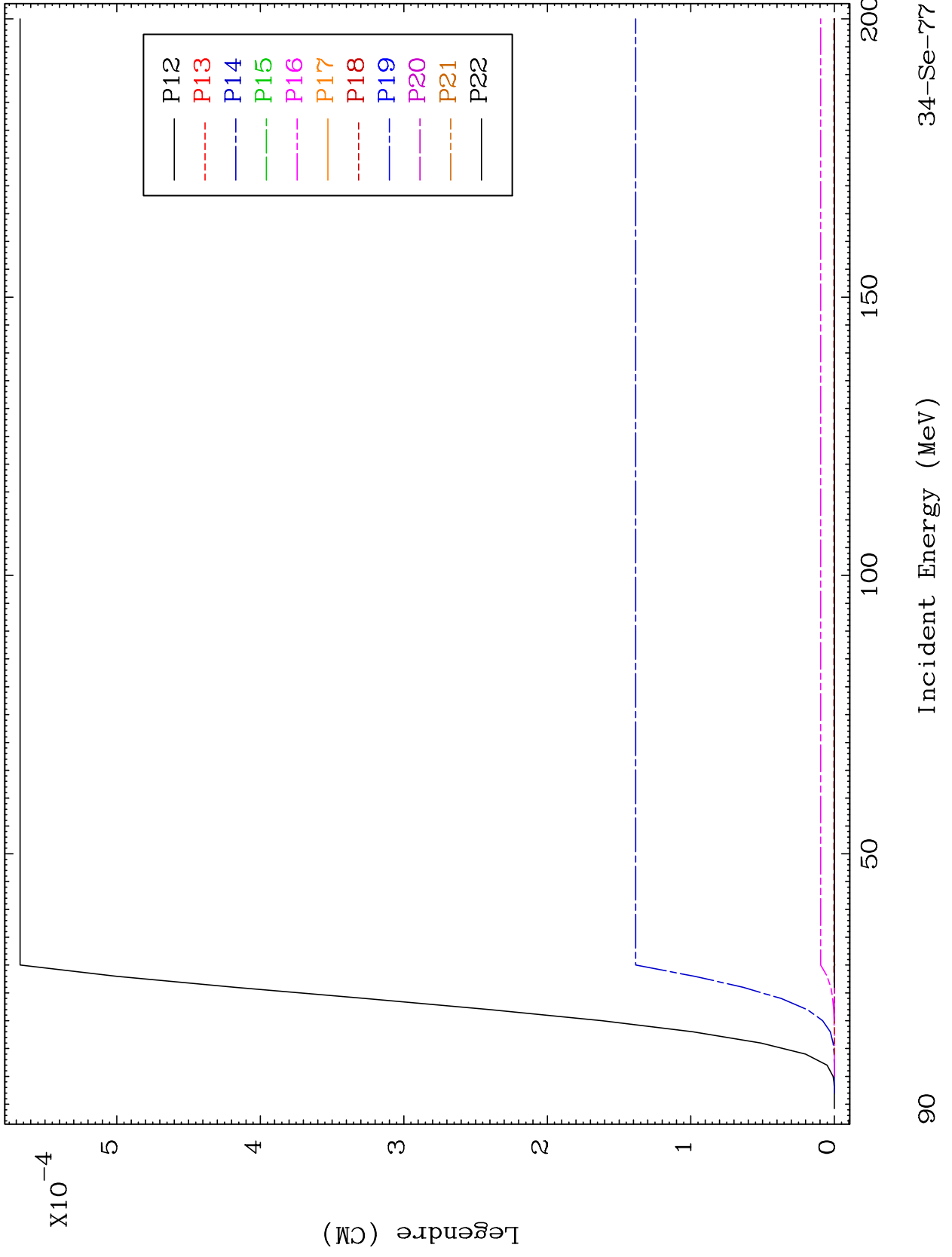
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 75 (n,n') Level
Legendre Coefficients

34-Se-77



90

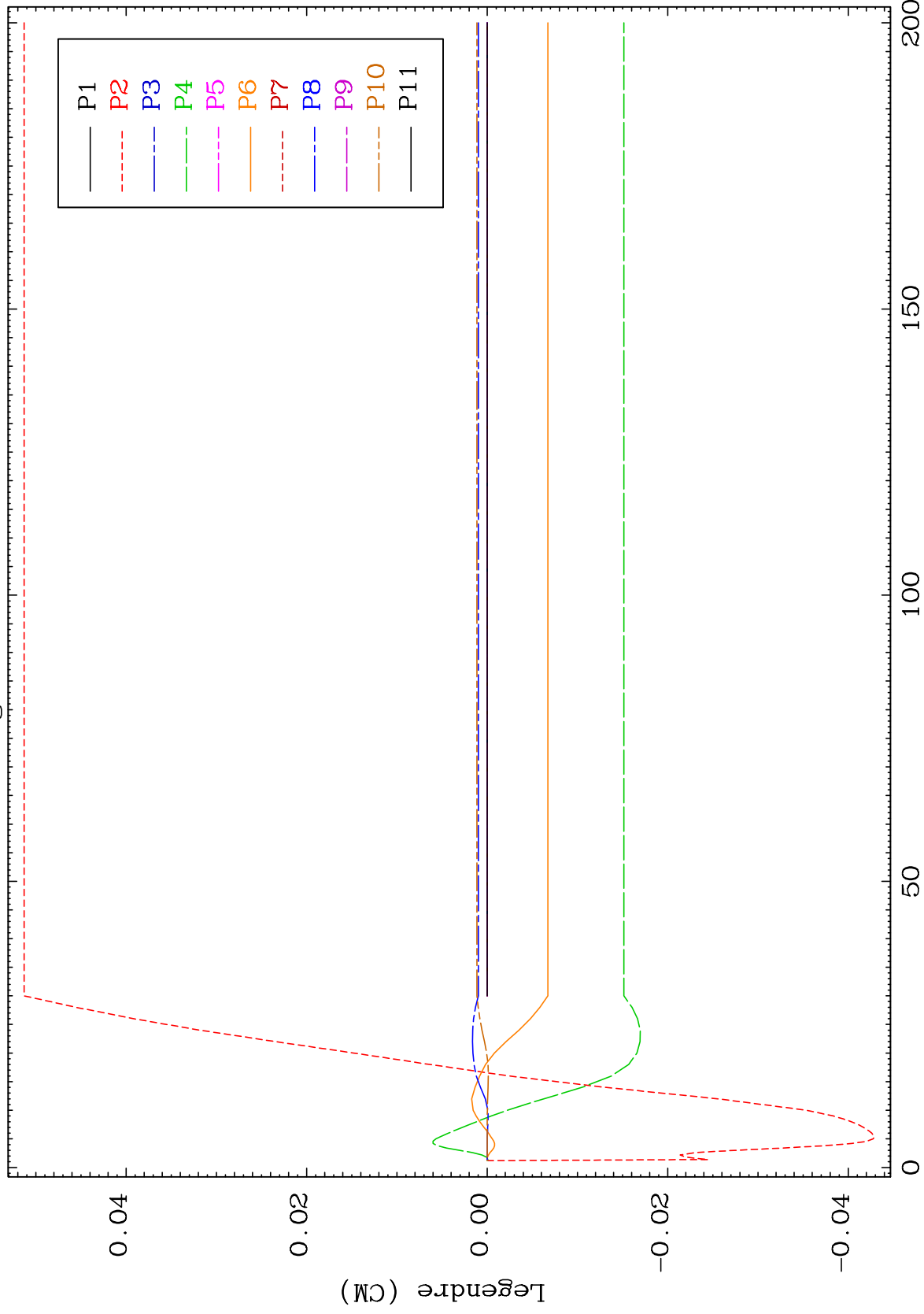
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 76 (n,n') Level
Legendre Coefficients

³⁴Se-77



91

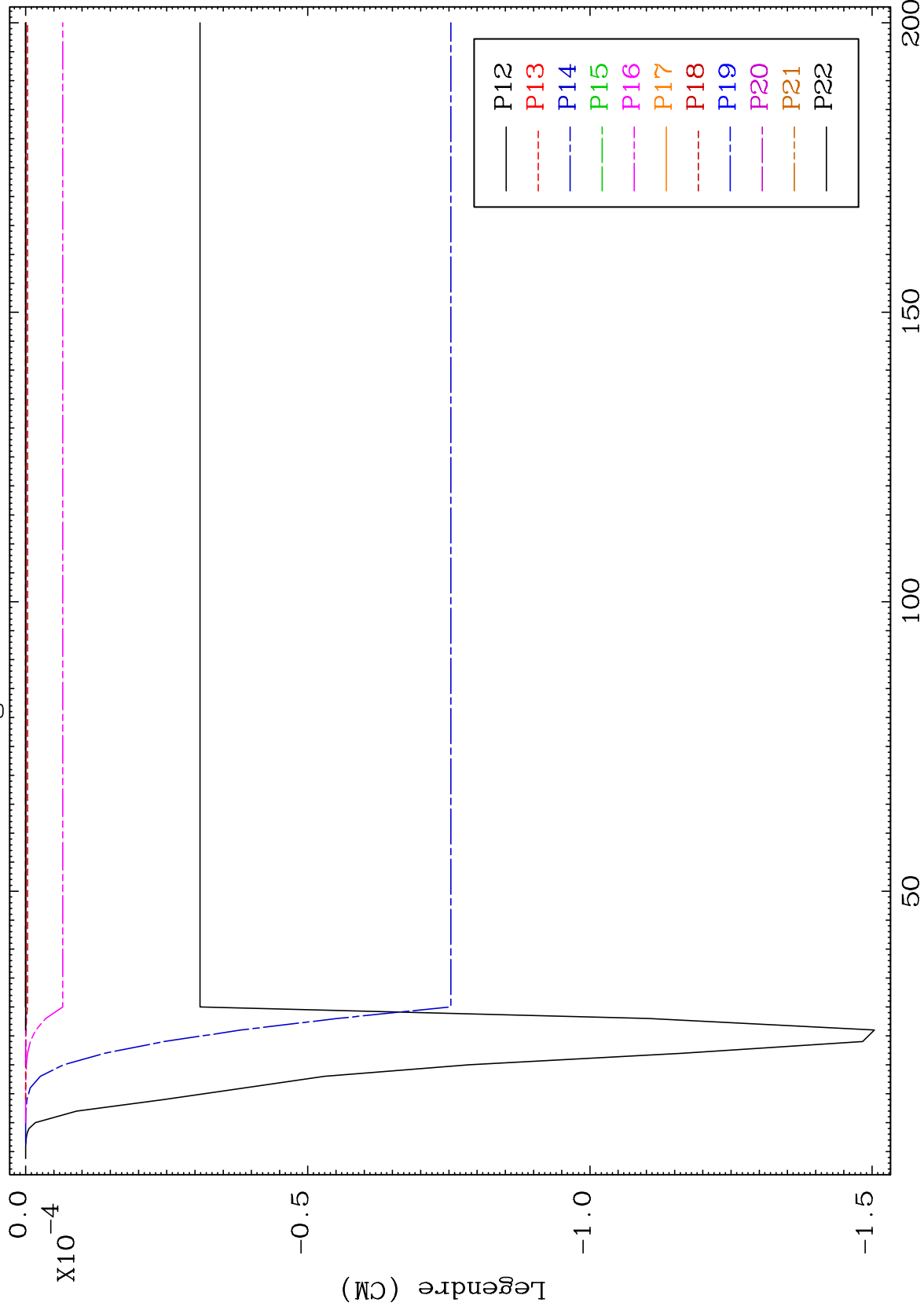
Incident Energy (MeV)

³⁴Se-77

MAT 3434

MT= 76 (n,n') Level
Legendre Coefficients

34-Se-77



92

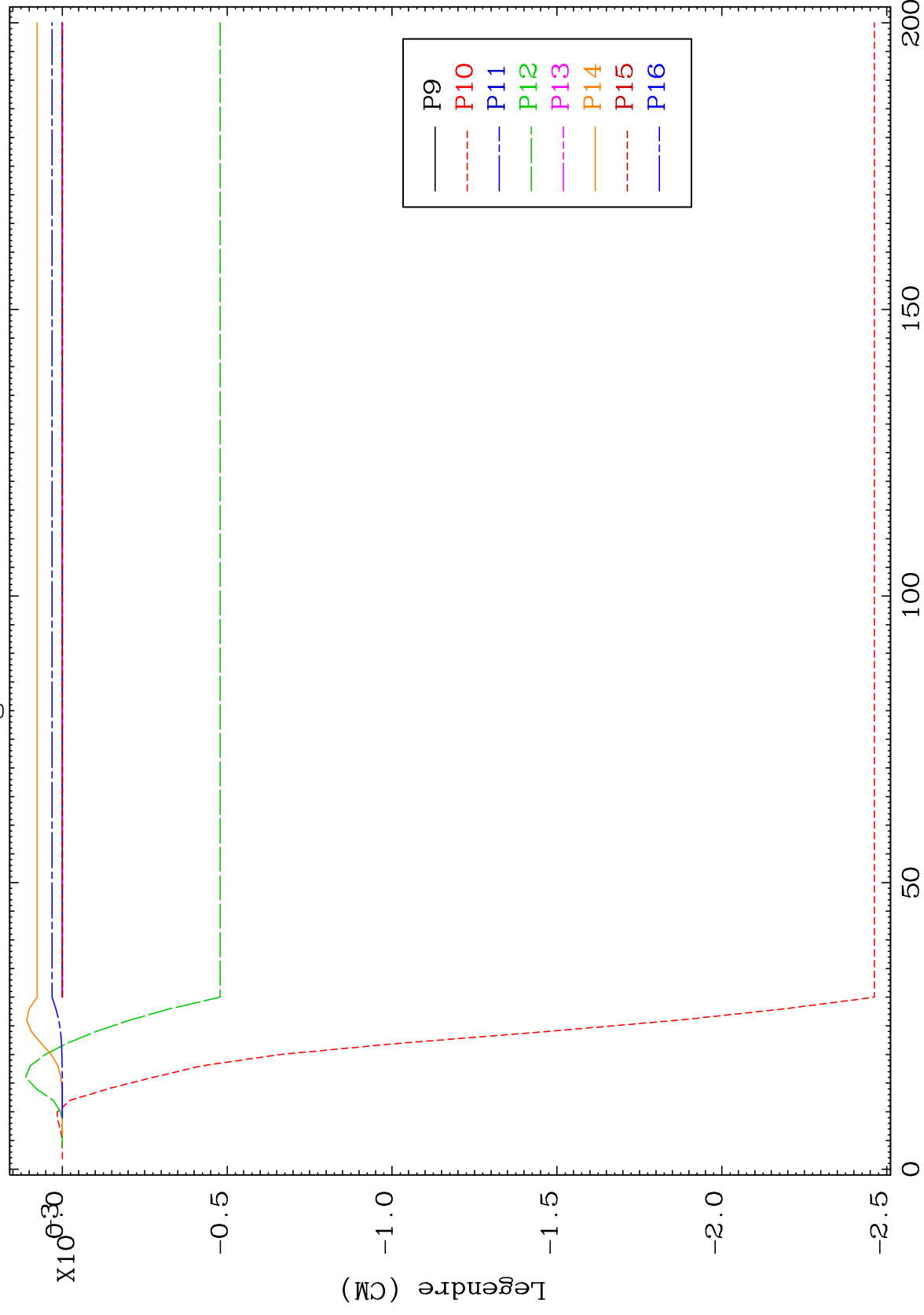
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 77 (n,n') Level
Legendre Coefficients

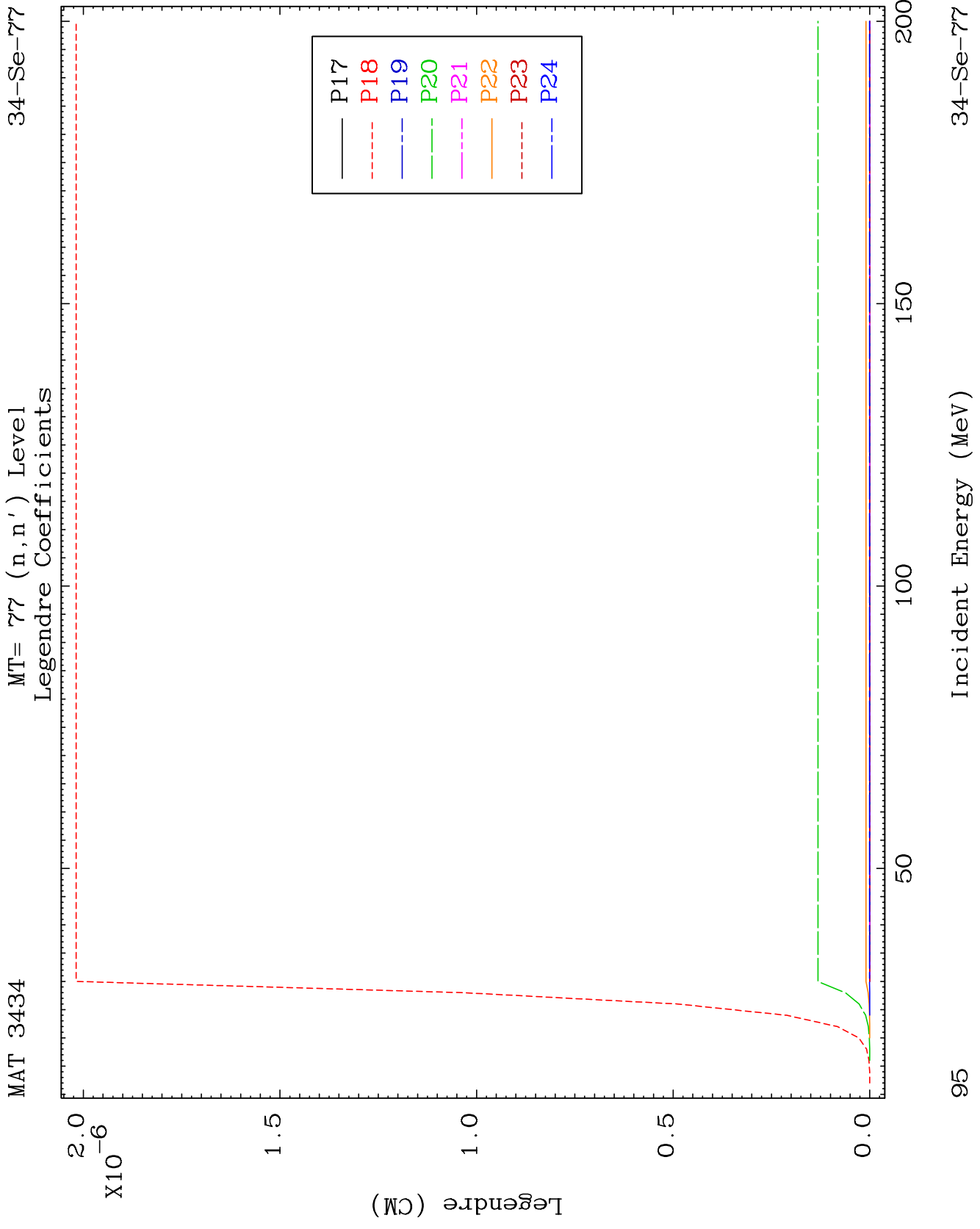
34-Se-77

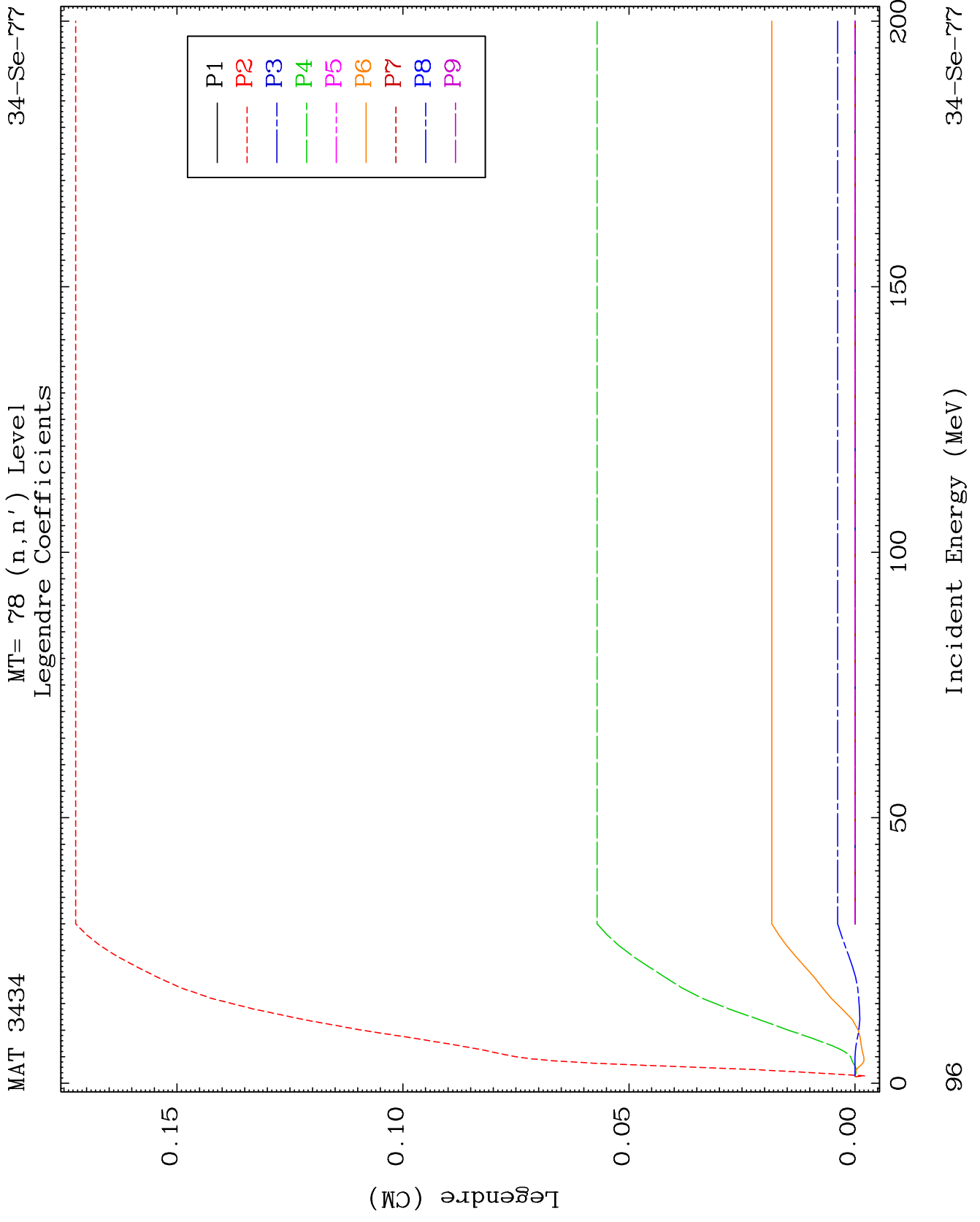


94

Incident Energy (MeV)

34-Se-77

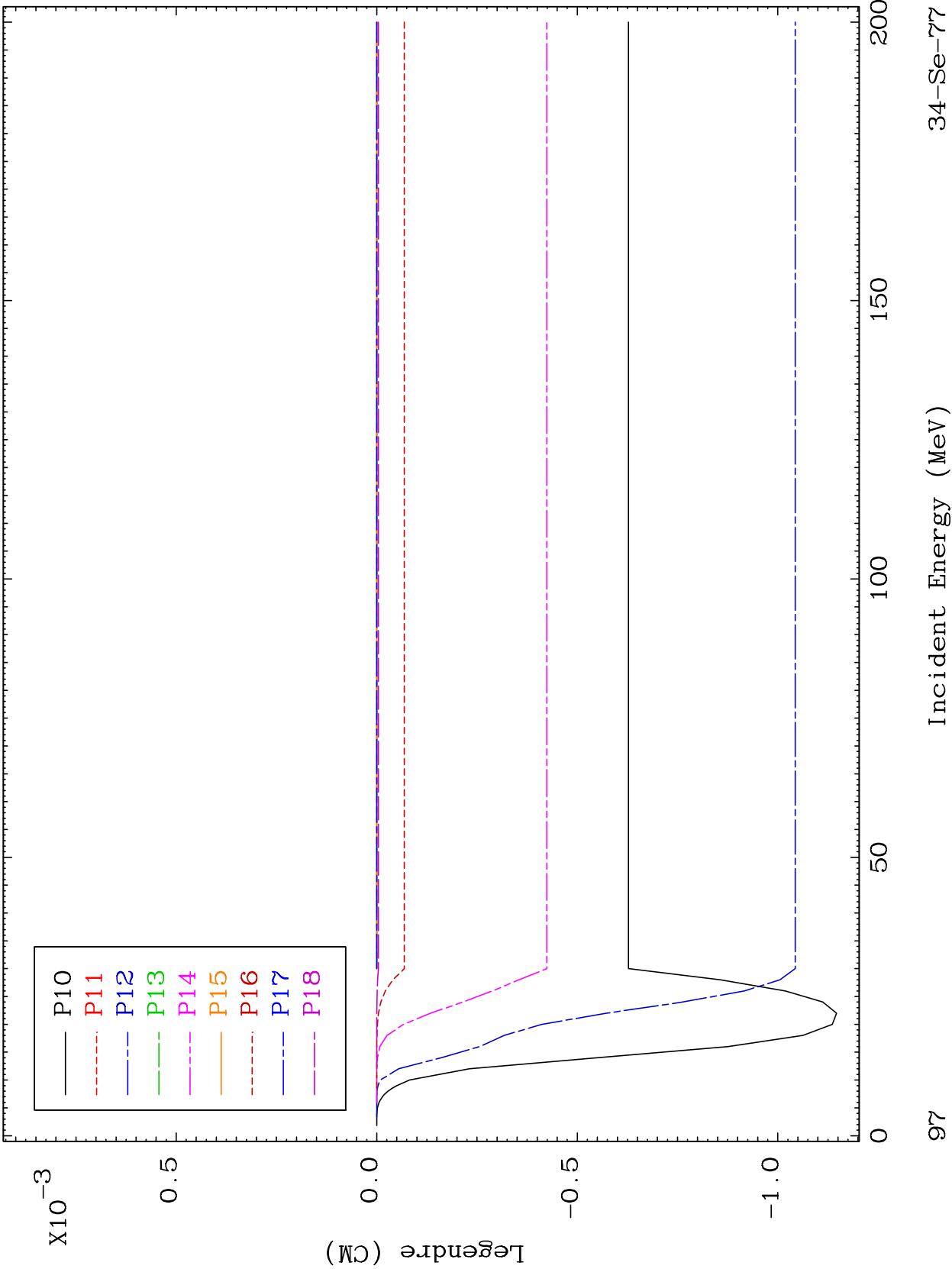




MAT 3434

MT= 78 (n,n') Level
Legendre Coefficients

34-Se-77



97

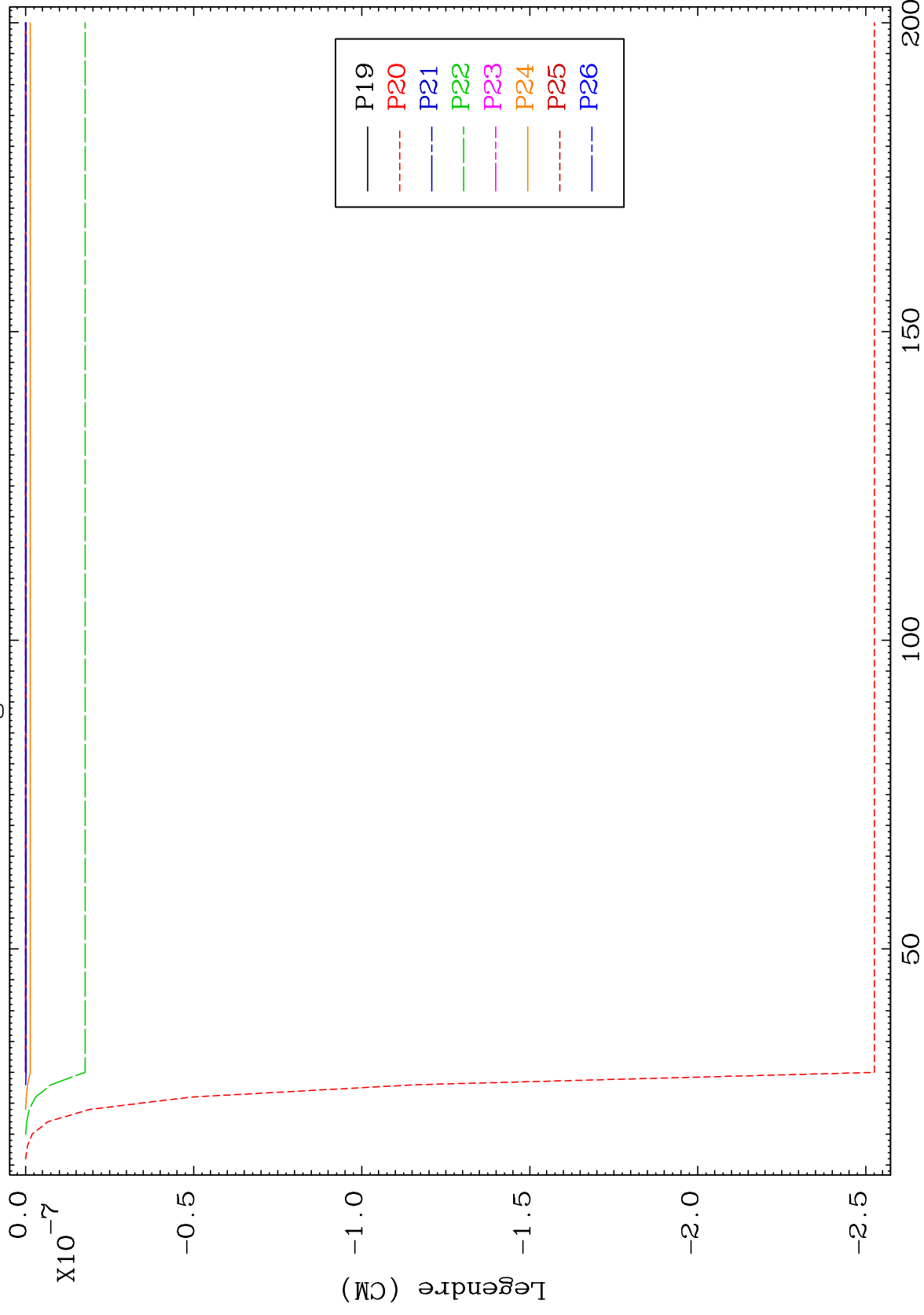
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 78 (n,n') Level
Legendre Coefficients

34-Se-77



98

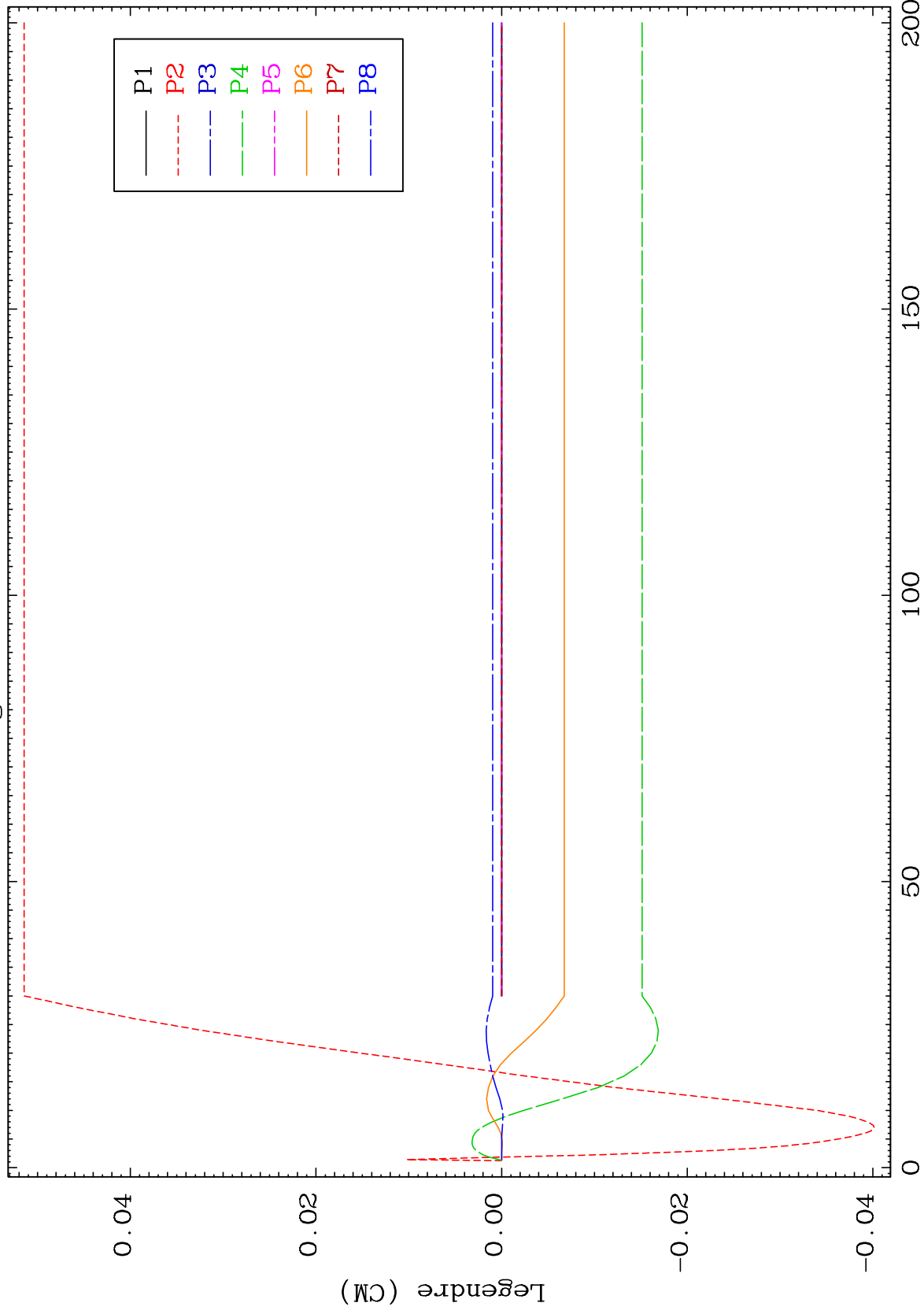
Incident Energy (MeV)

34-Se-77

MAT 3434

MT= 79 (n,n') Level
Legendre Coefficients

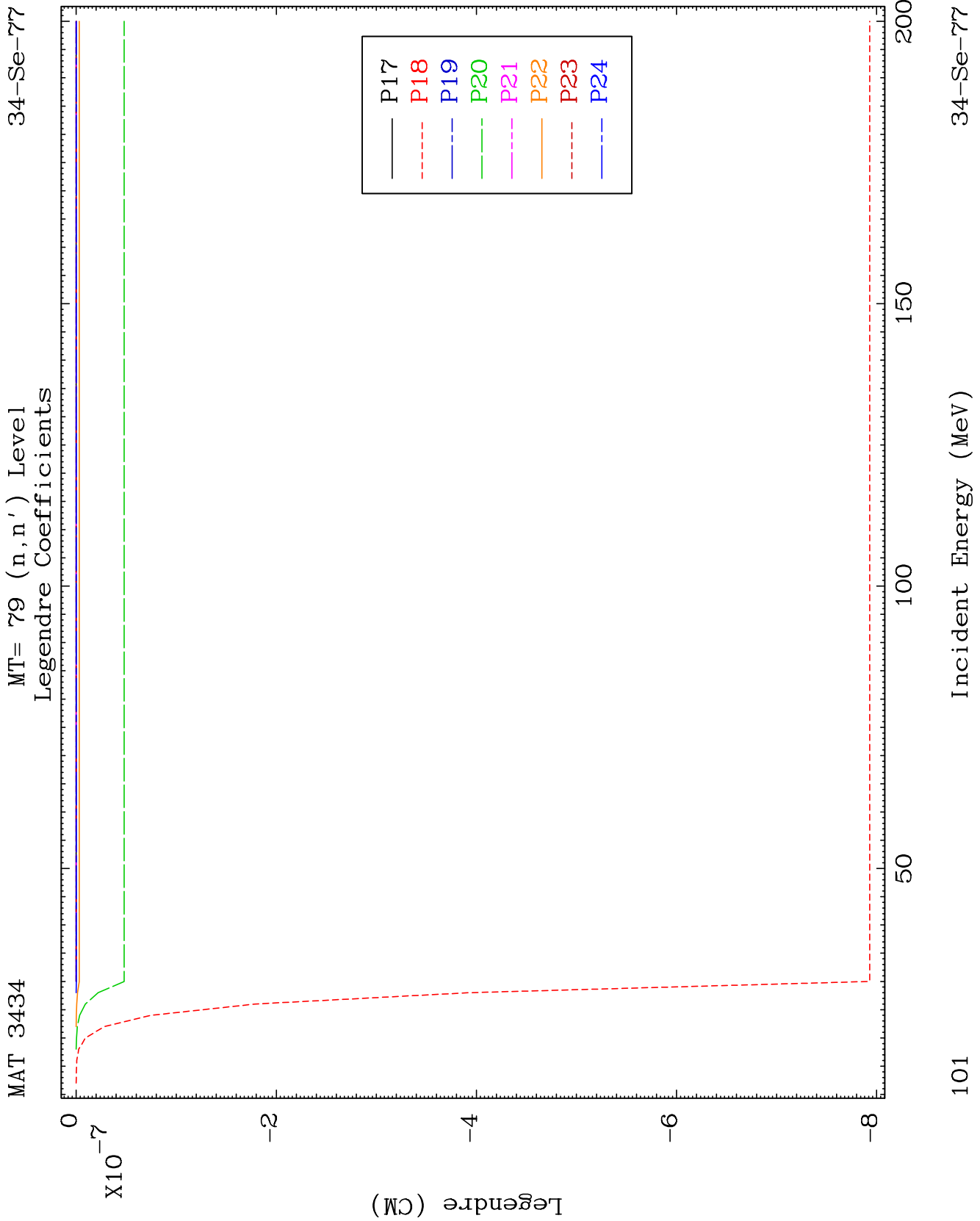
34-Se-77

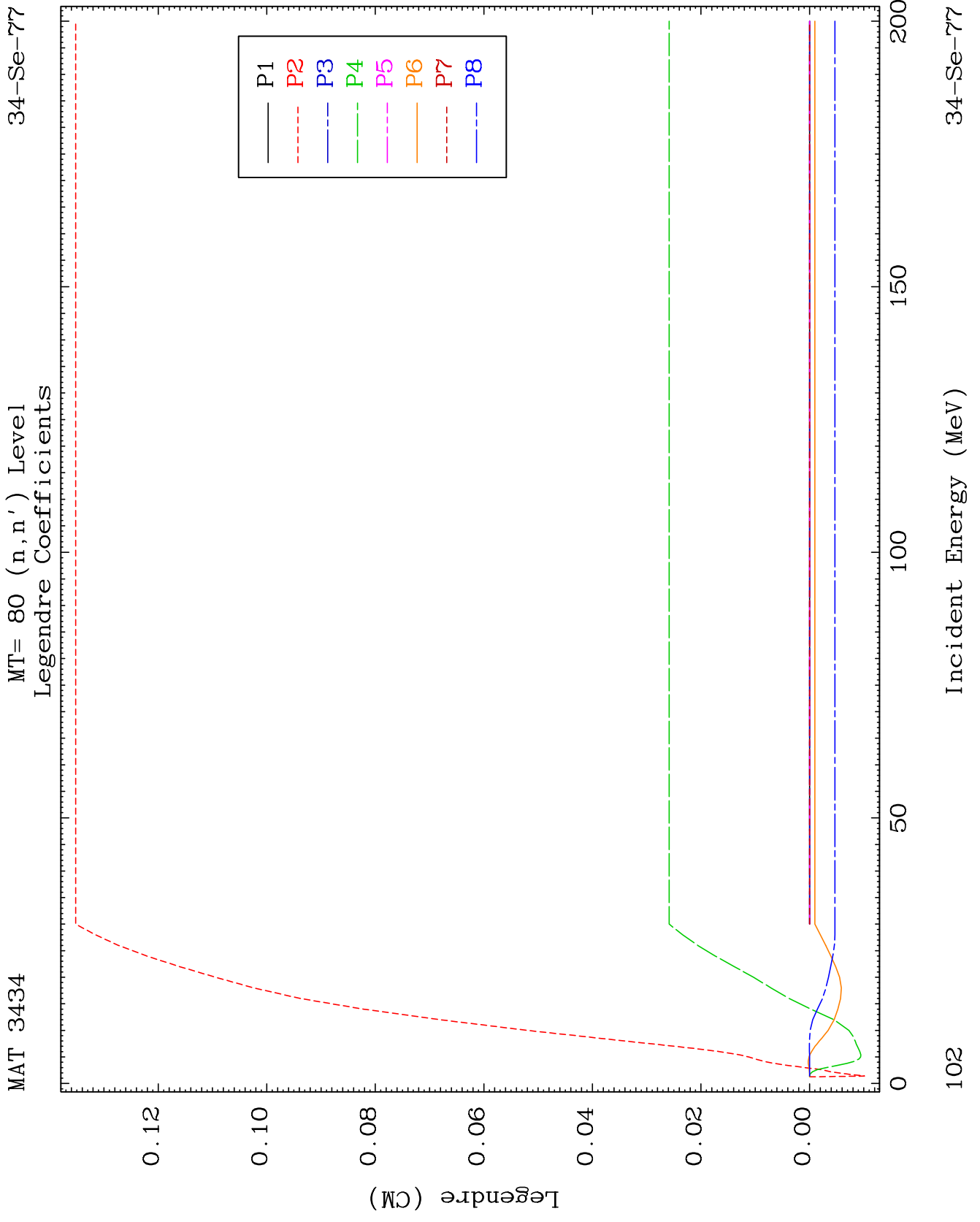


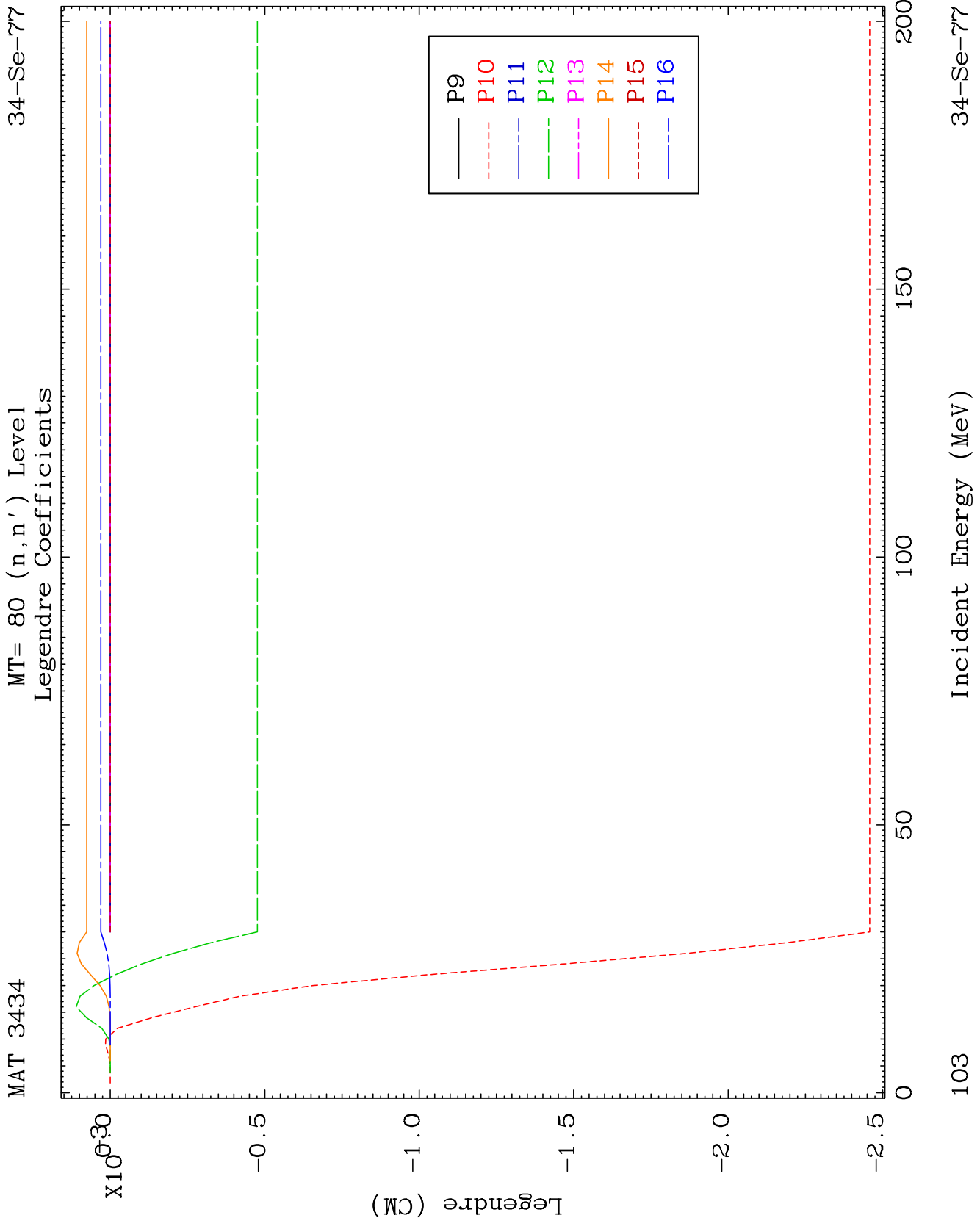
99

Incident Energy (MeV)

34-Se-77



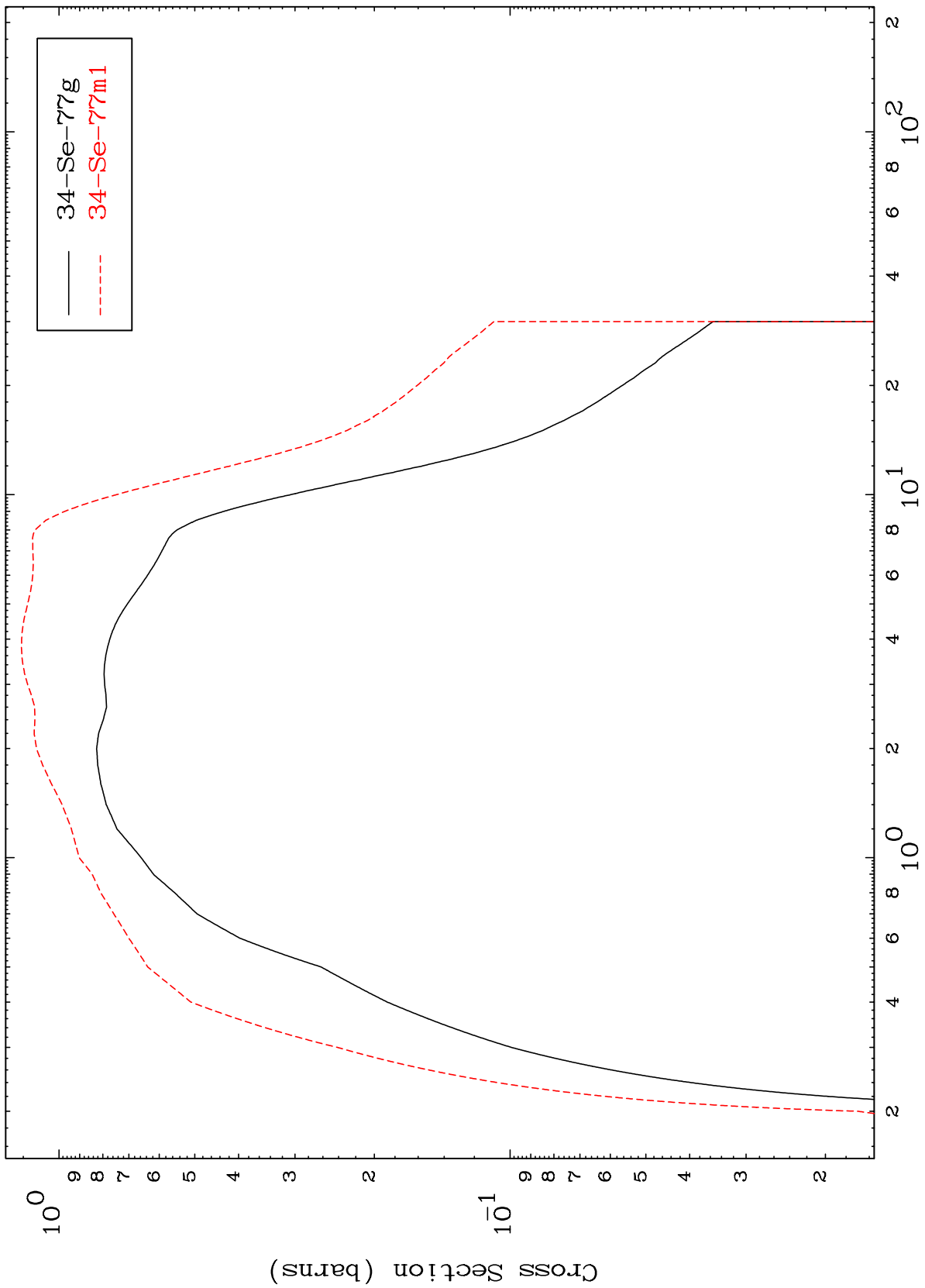




MAT 3434

³⁴Se-77

Inelastic
Radionuclide Production Cross Section



105

Incident Energy (MeV)

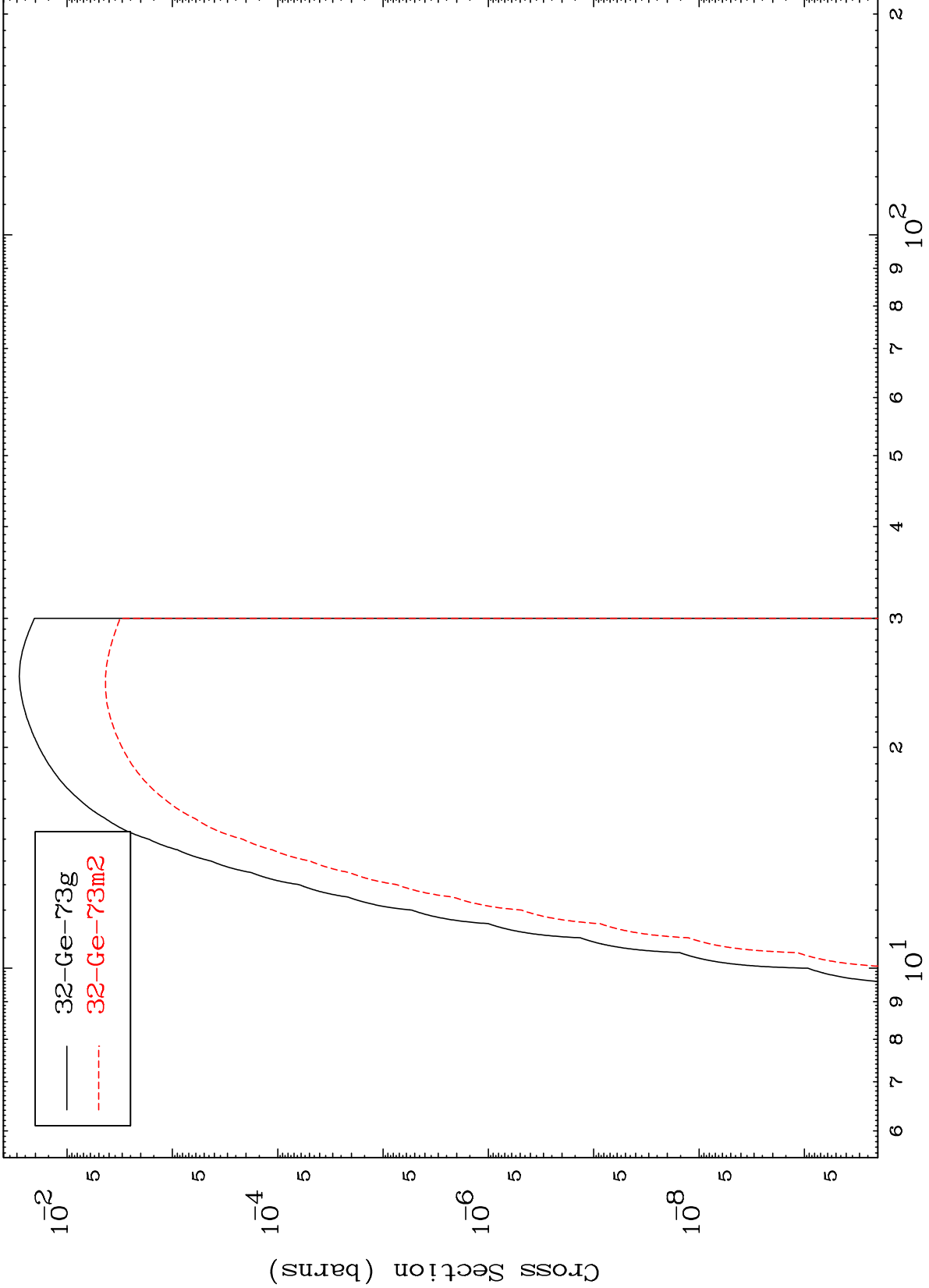
³⁴Se-77

MAT 3434

$(n, n') \alpha$

34-Se-77

Radionuclide Production Cross Section



106

Incident Energy (MeV)

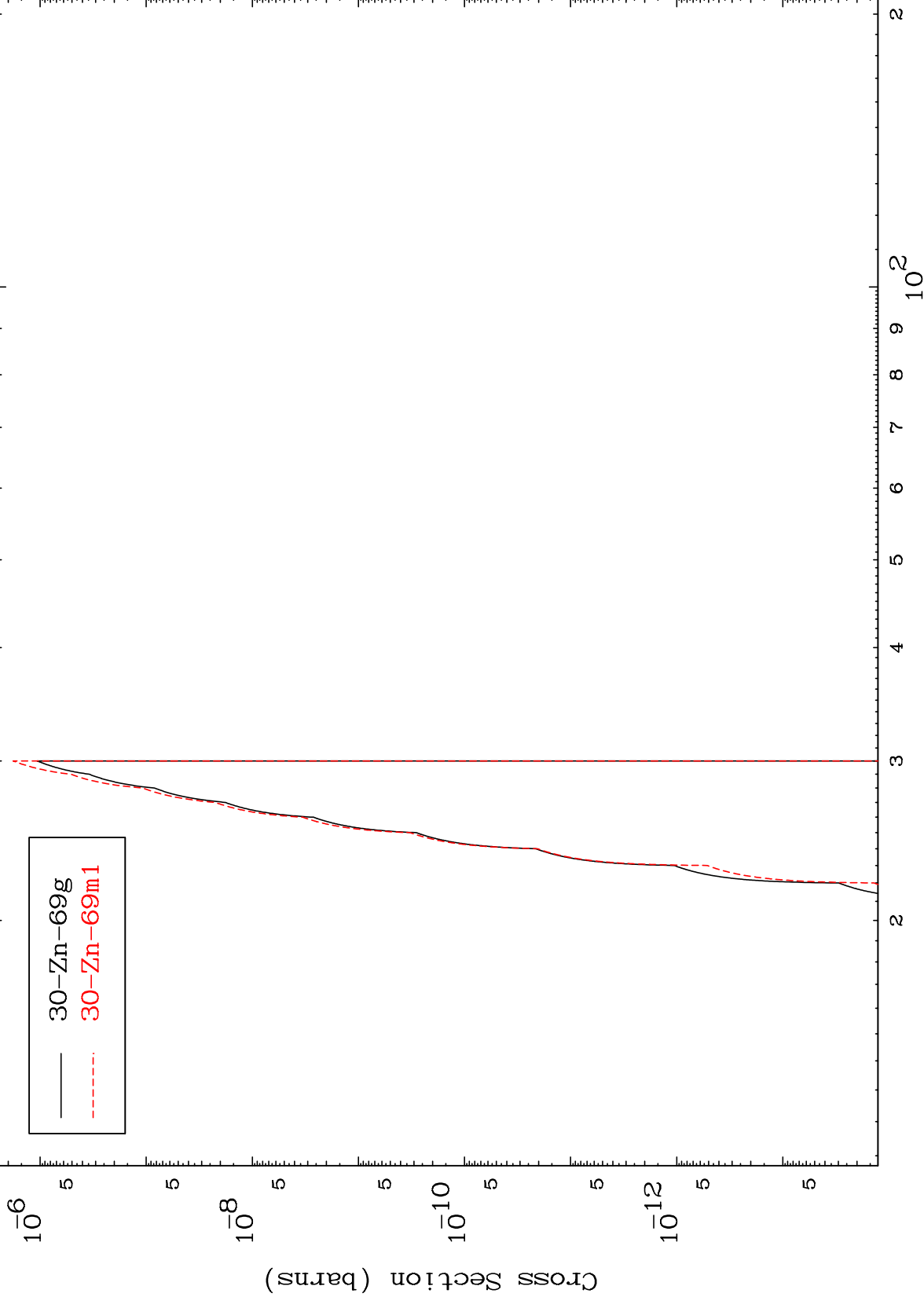
34-Se-77

MAT 3434

(n,n') 2 α

34-Se-77

Radionuclide Production Cross Section



107

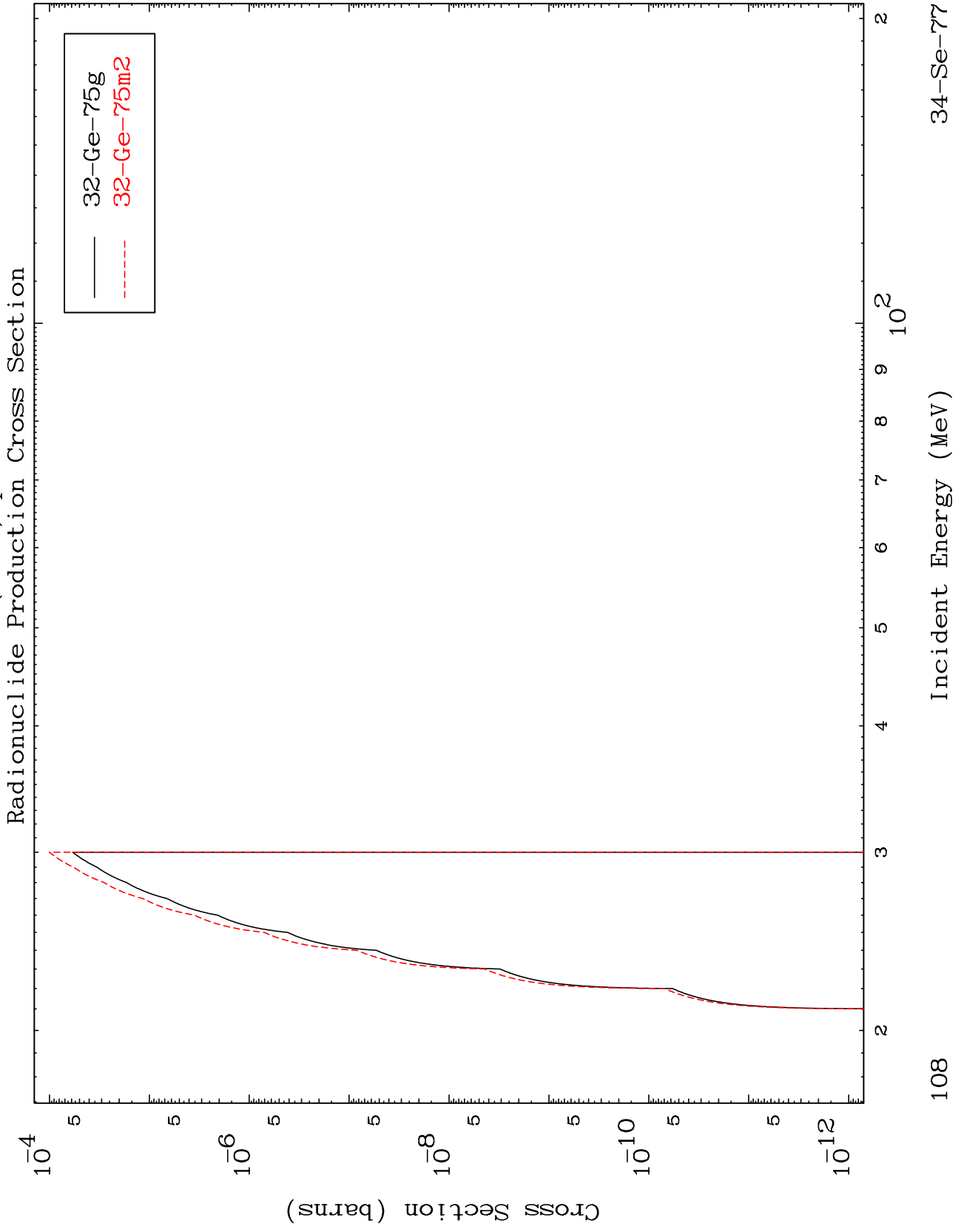
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,2n) p

34-Ge-77

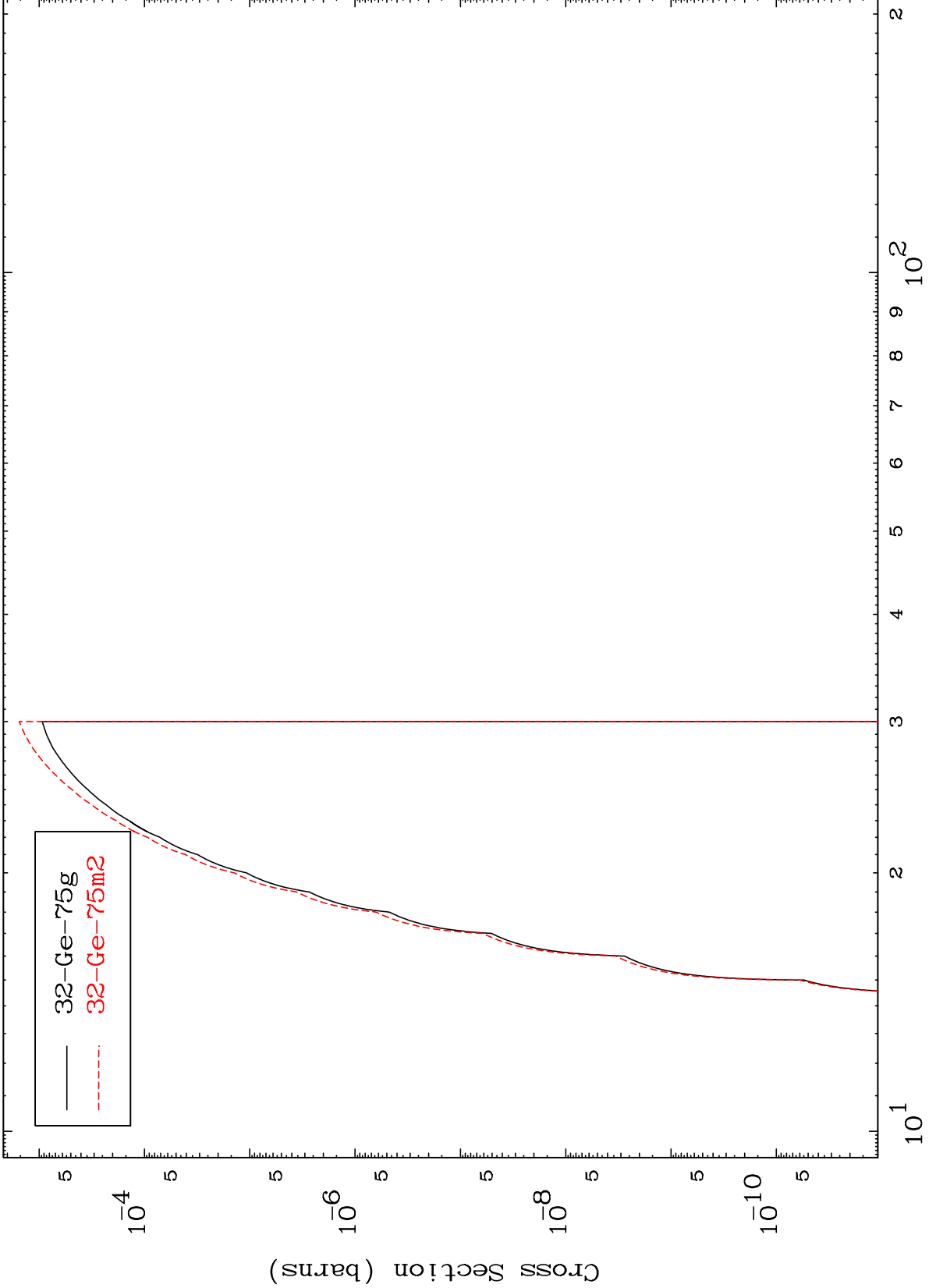


MAT 3434

(n,He-3)

34-^{Se-77}

Radionuclide Production Cross Section



Incident Energy (MeV)

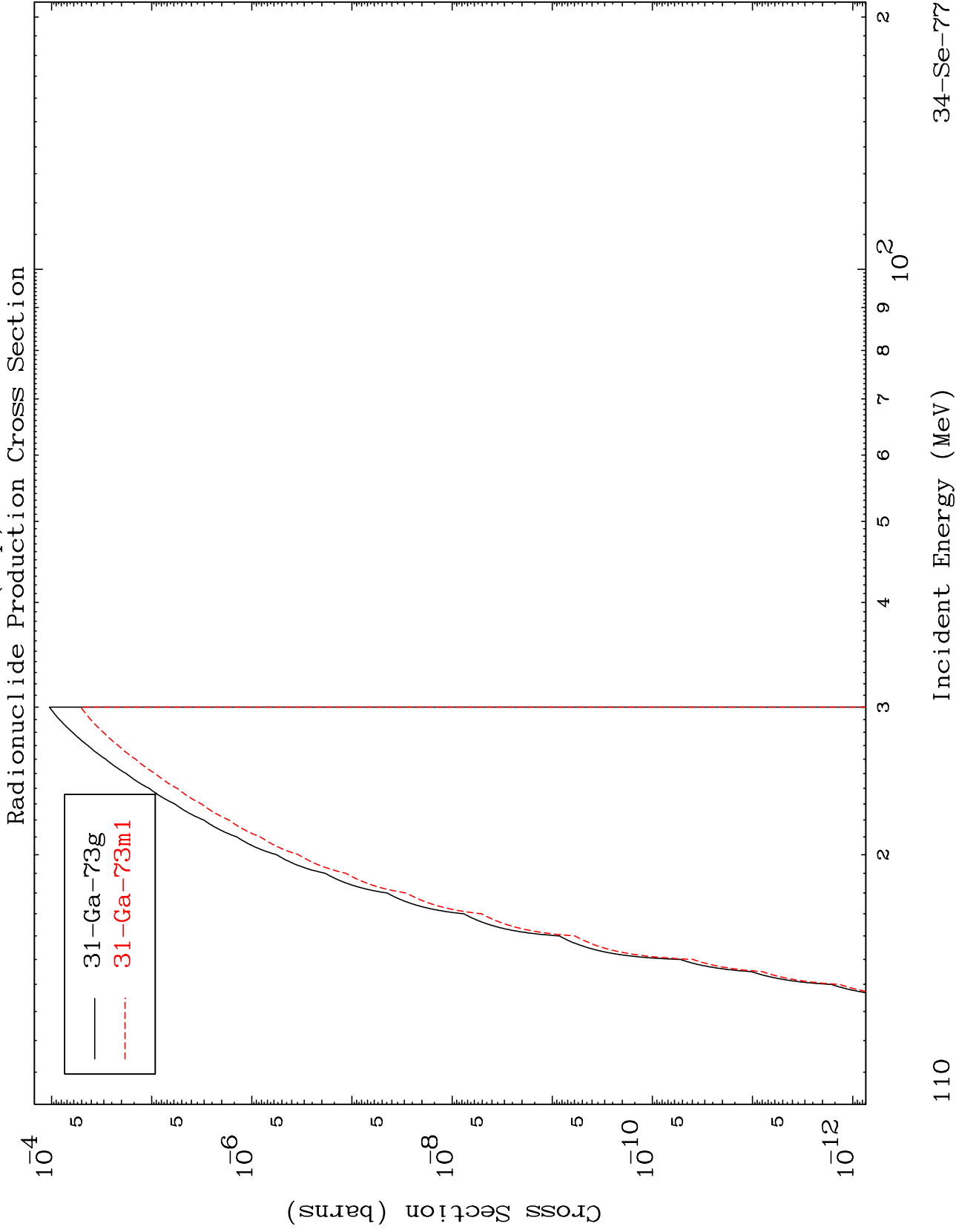
34-^{Se-77}

109

MAT 3434

(n,p) α

$^{34}\text{Se-77}$

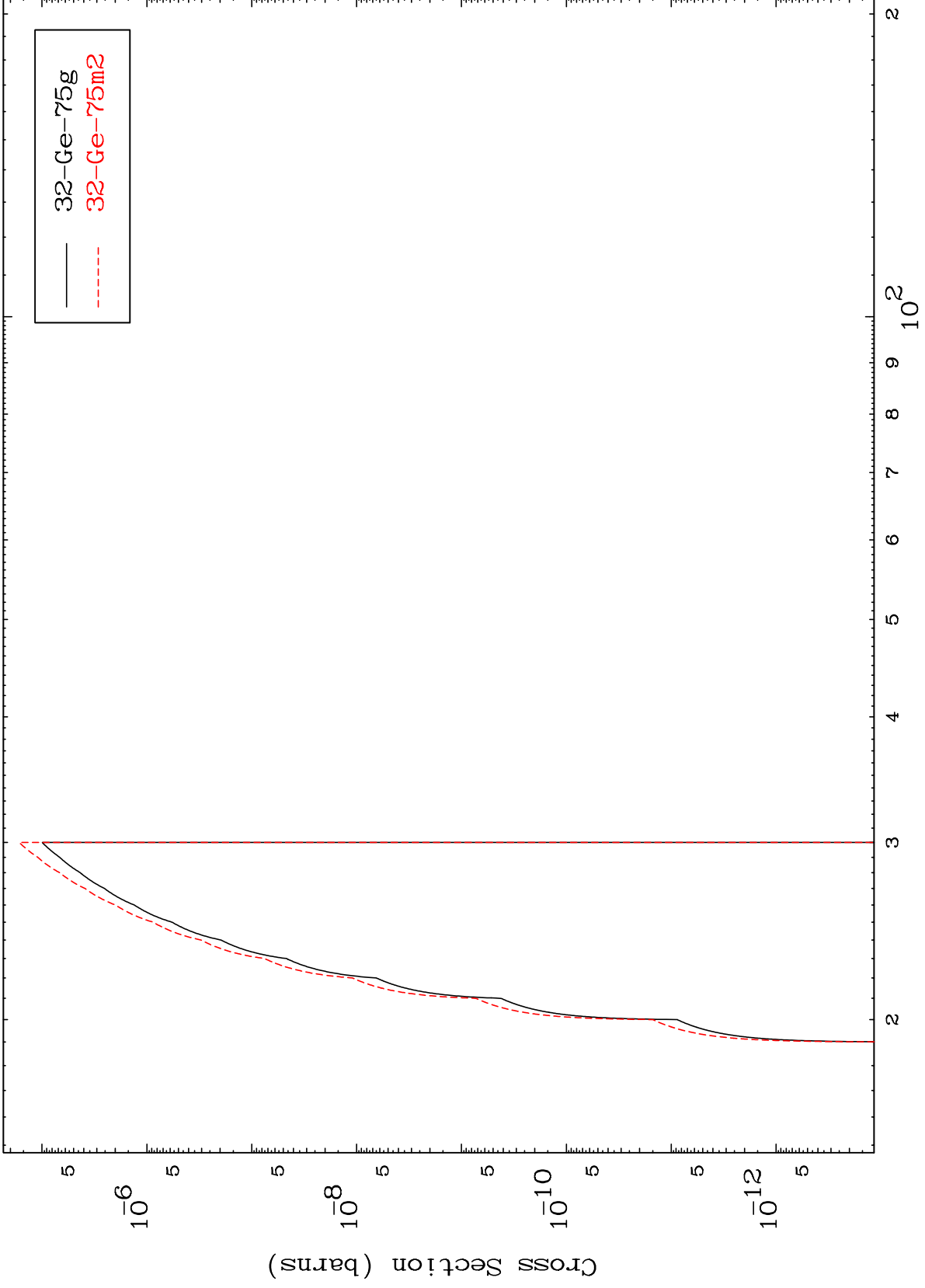


MAT 3434

(n,p) d

³⁴Se-77

Radionuclide Production Cross Section



111

Incident Energy (MeV)

³⁴Se-77