

Program EVALPLOT  
(Version 2021-1)

by

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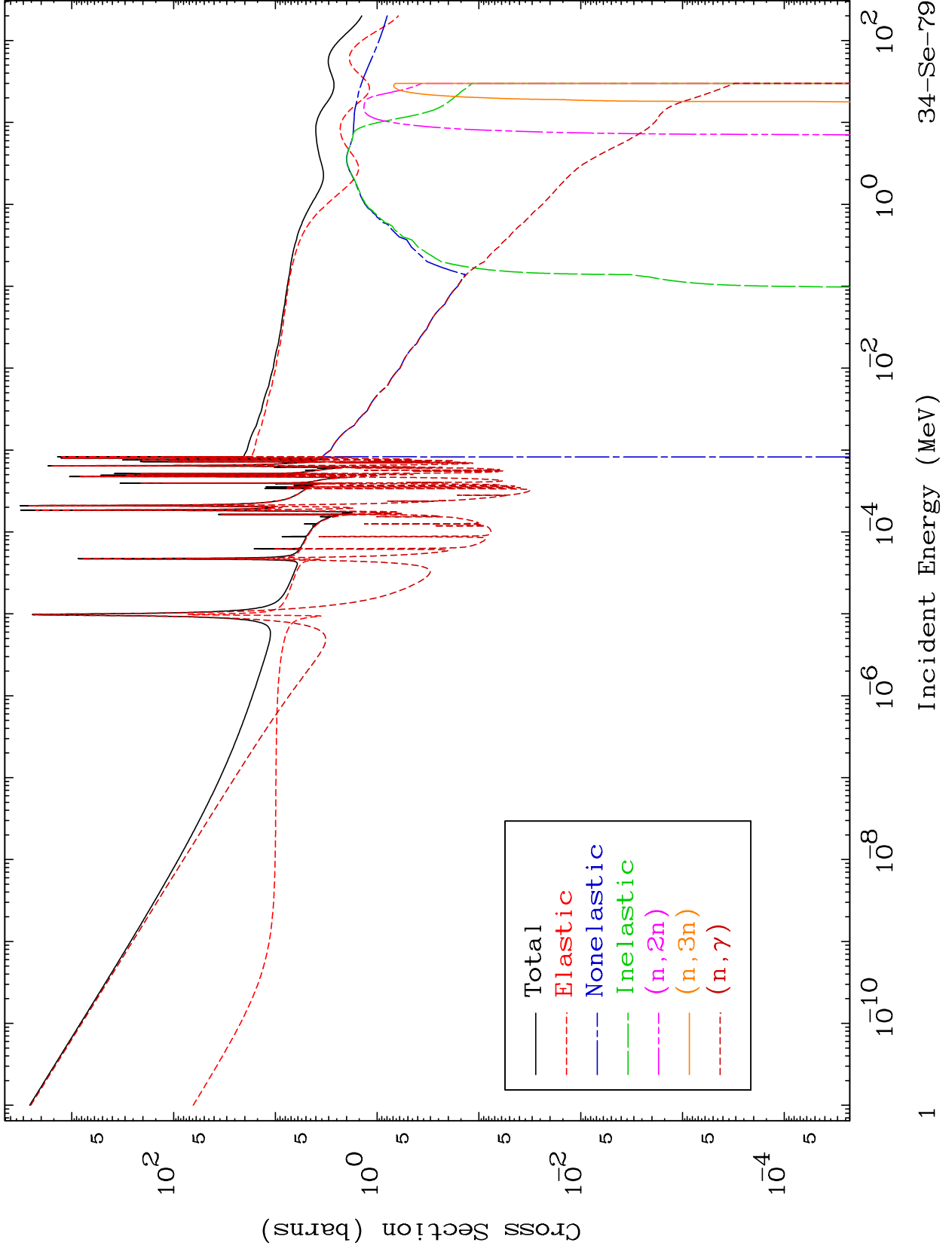
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3440

Neutron Major  
293 Kelvin Cross Sections

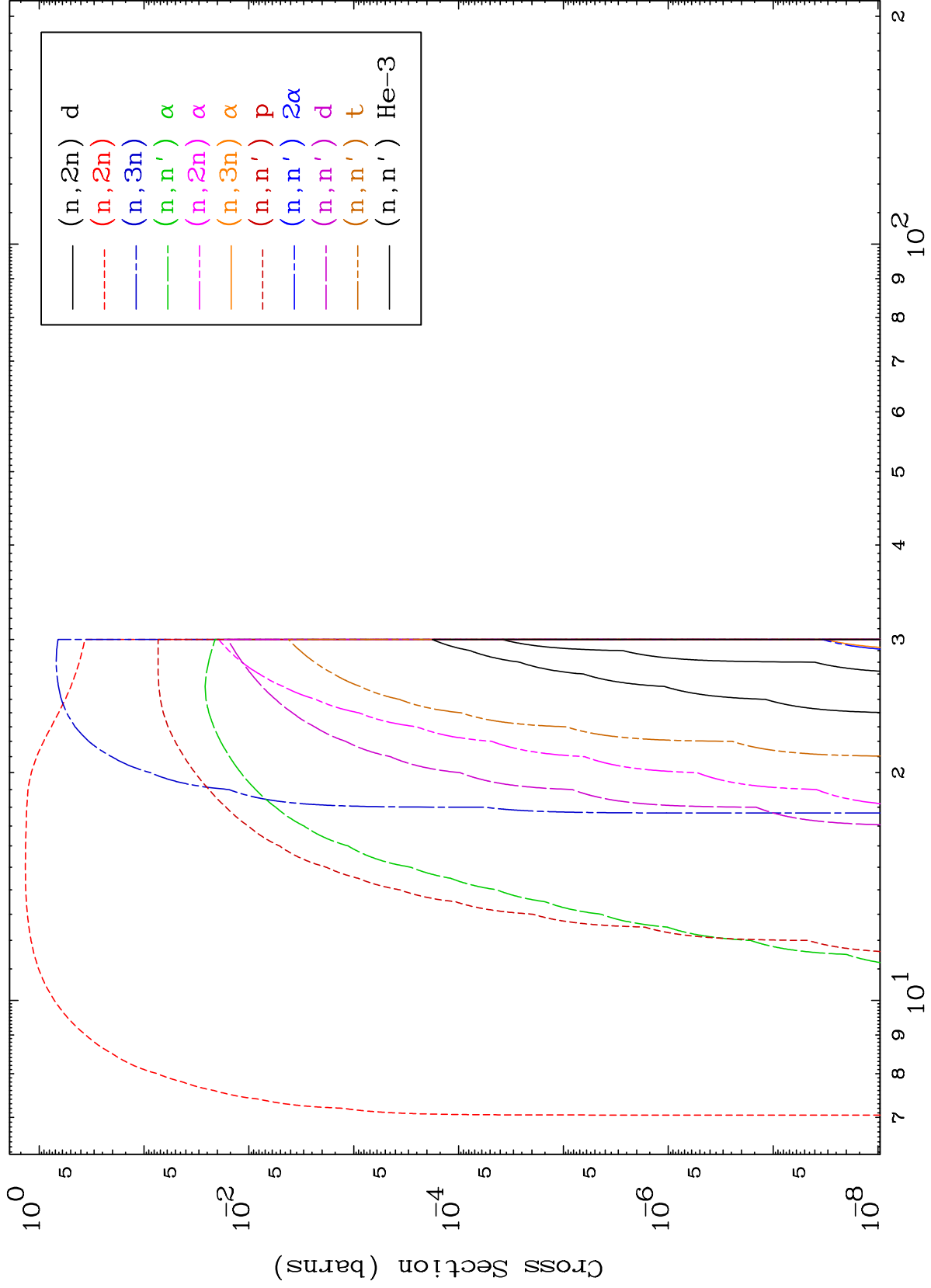
34-Se-79



MAT 3440

Neutron Absorption  
293 Kelvin Cross Sections

34-Se-79



2

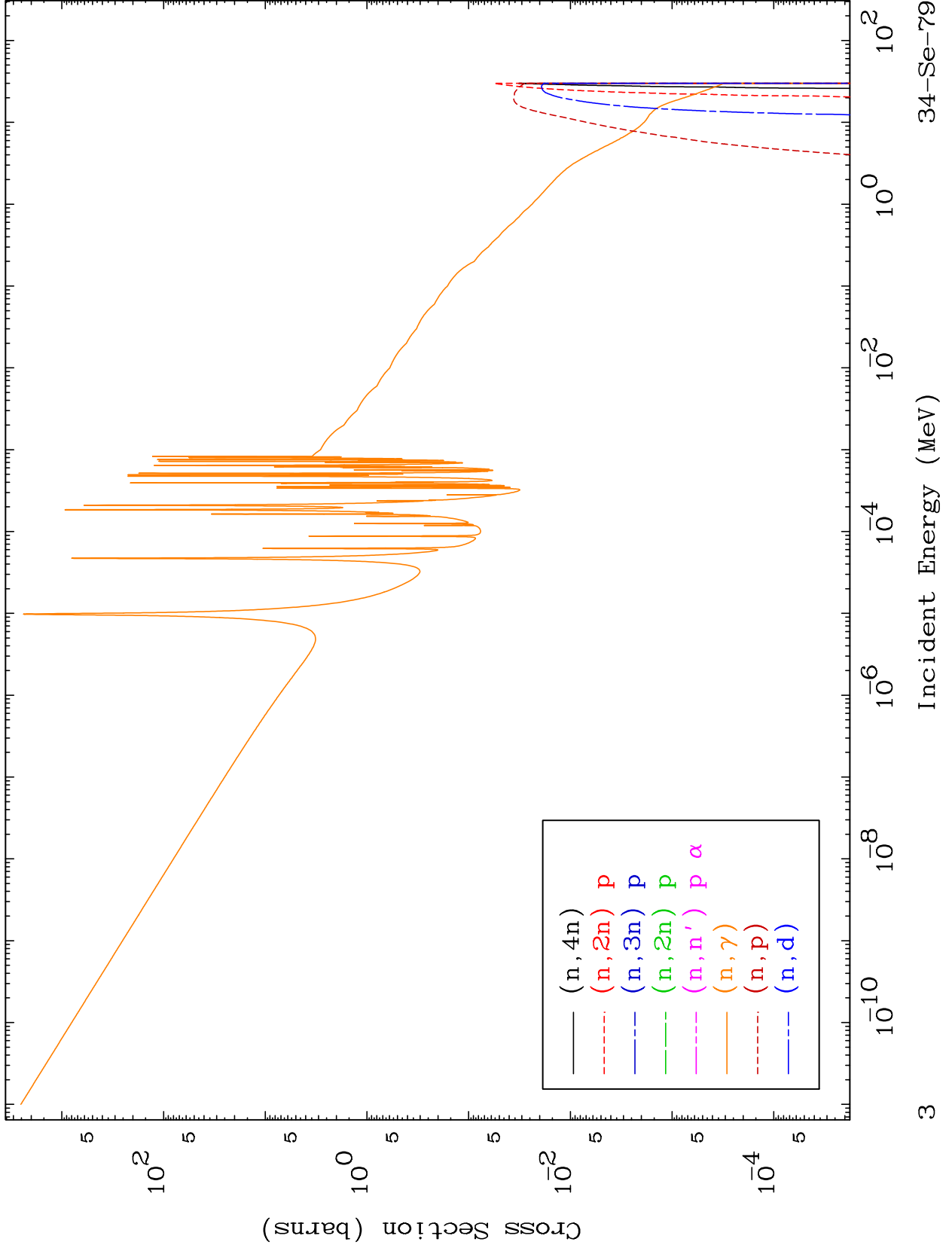
Incident Energy (MeV)

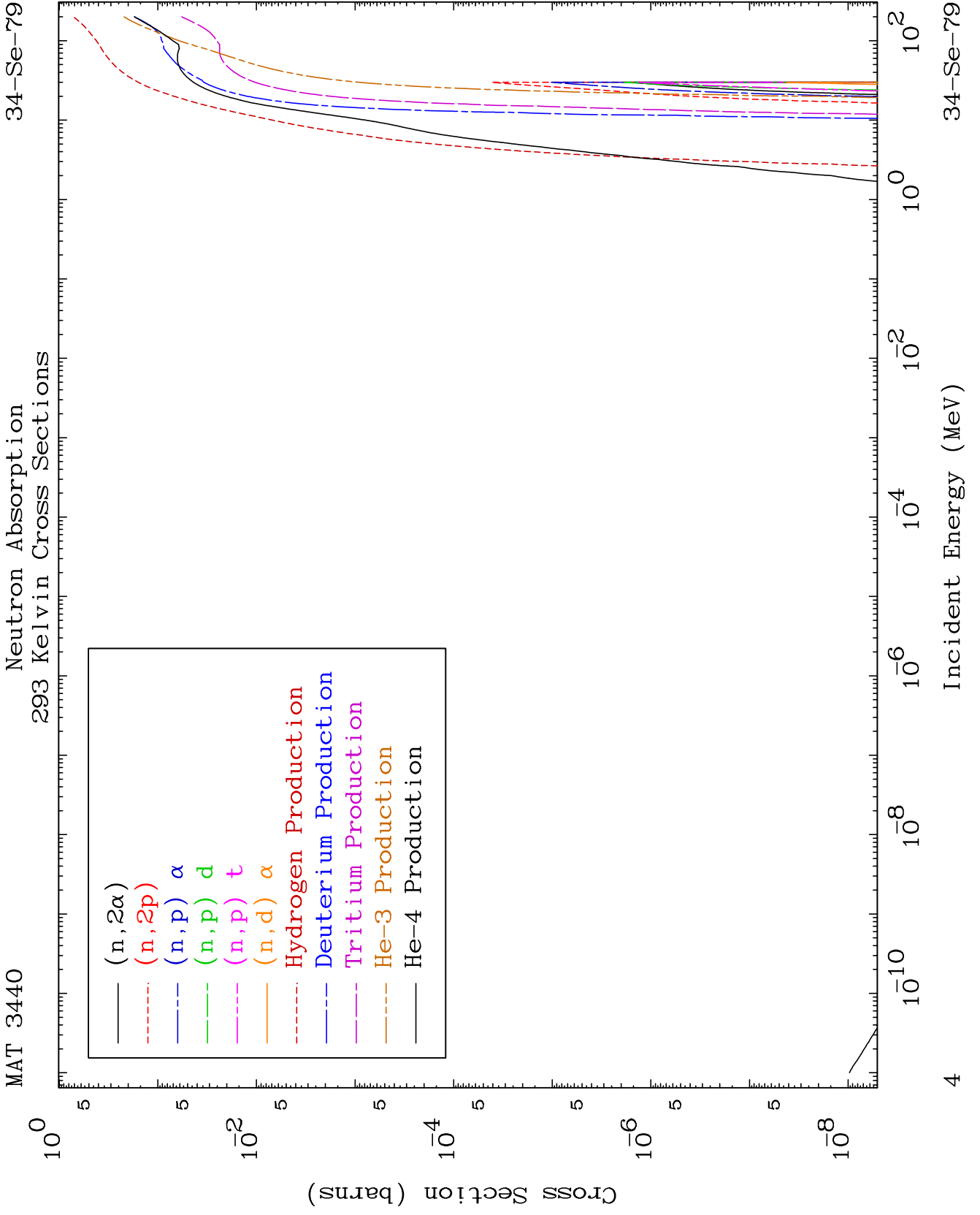
34-Se-79

MAT 3440

Neutron Absorption  
293 Kelvin Cross Sections

<sup>34</sup>Se-79

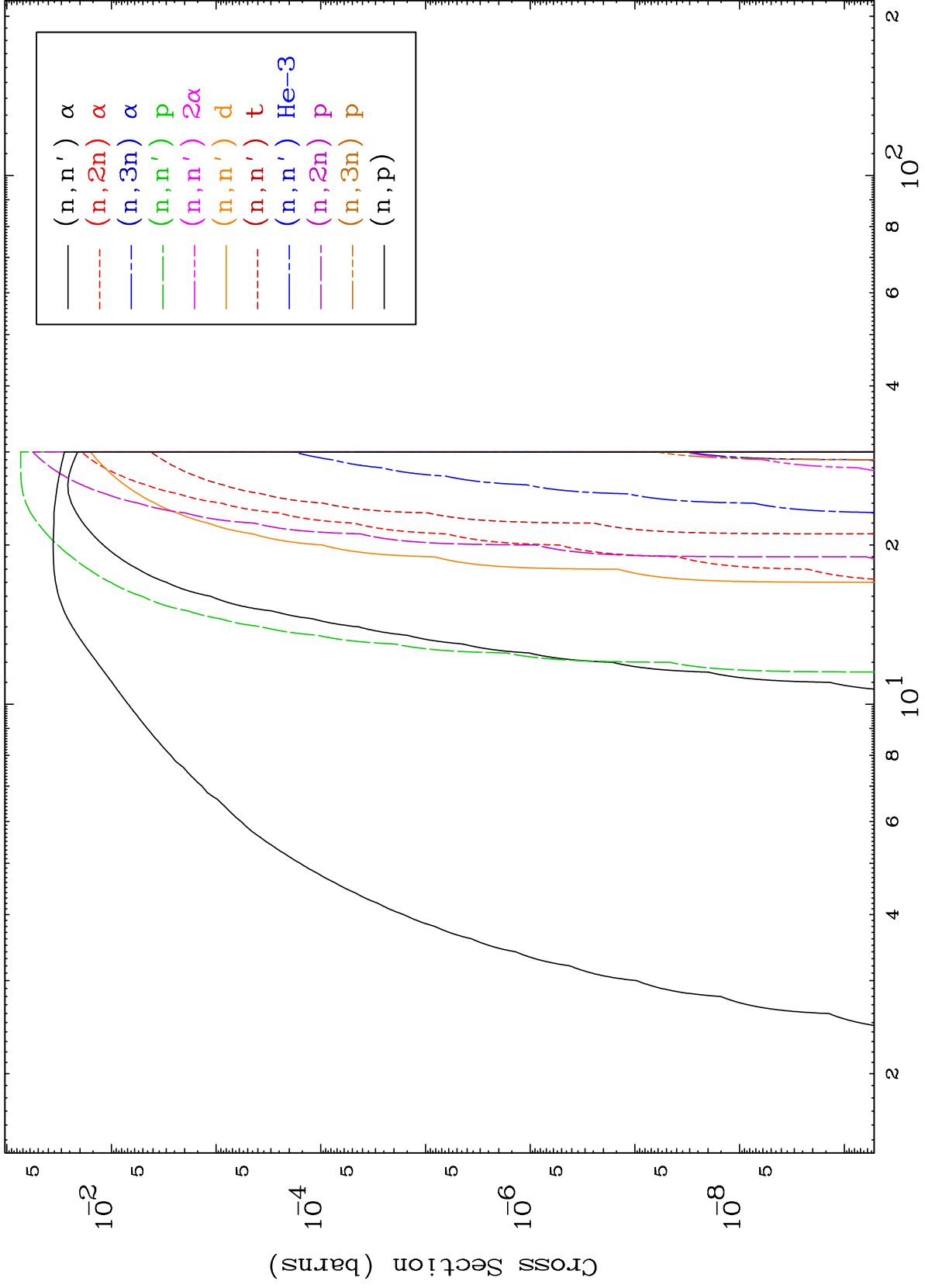




MAT 3440

Charged Particle  
293 Kelvin Cross Sections

34-Se-79



5

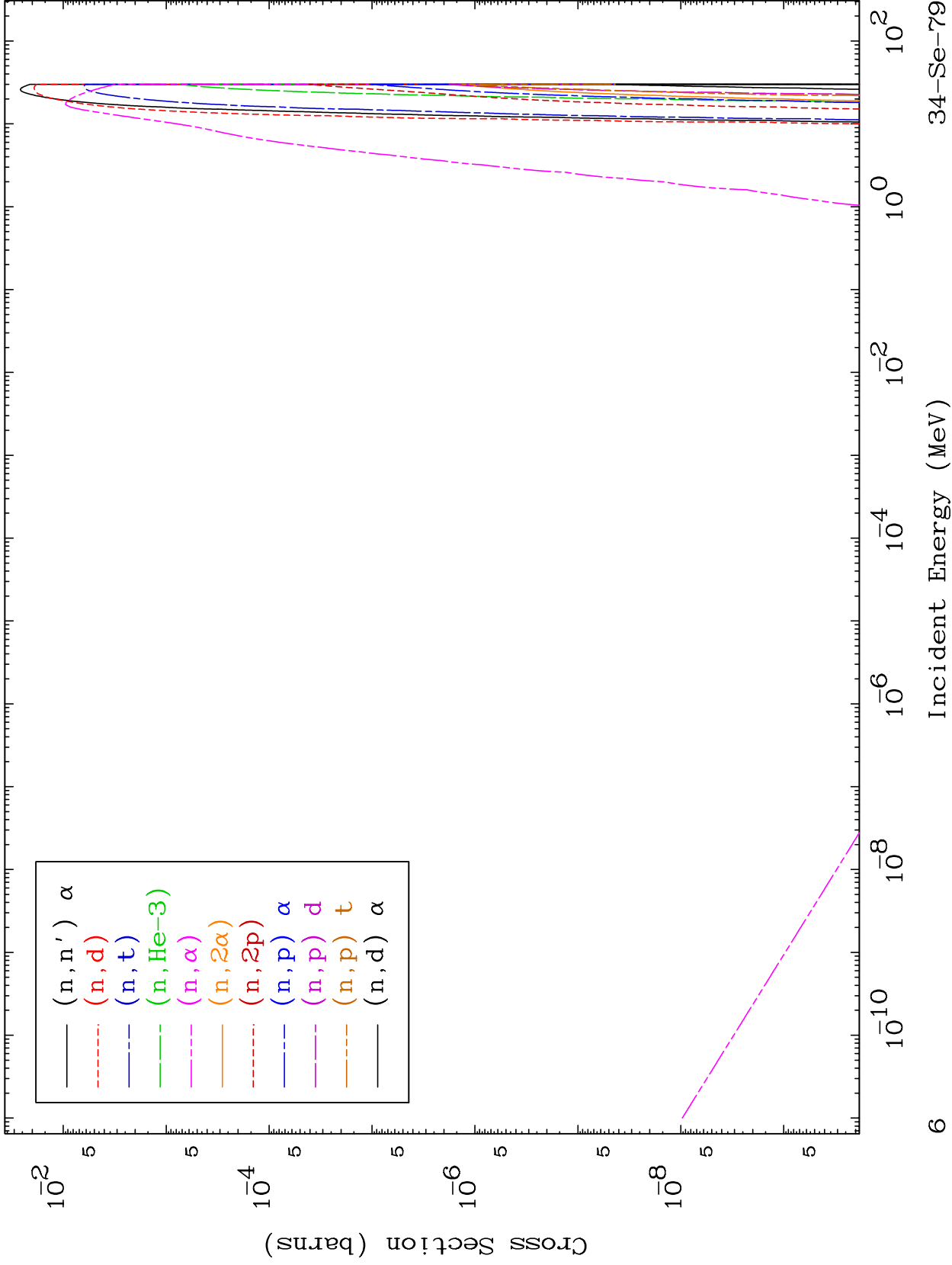
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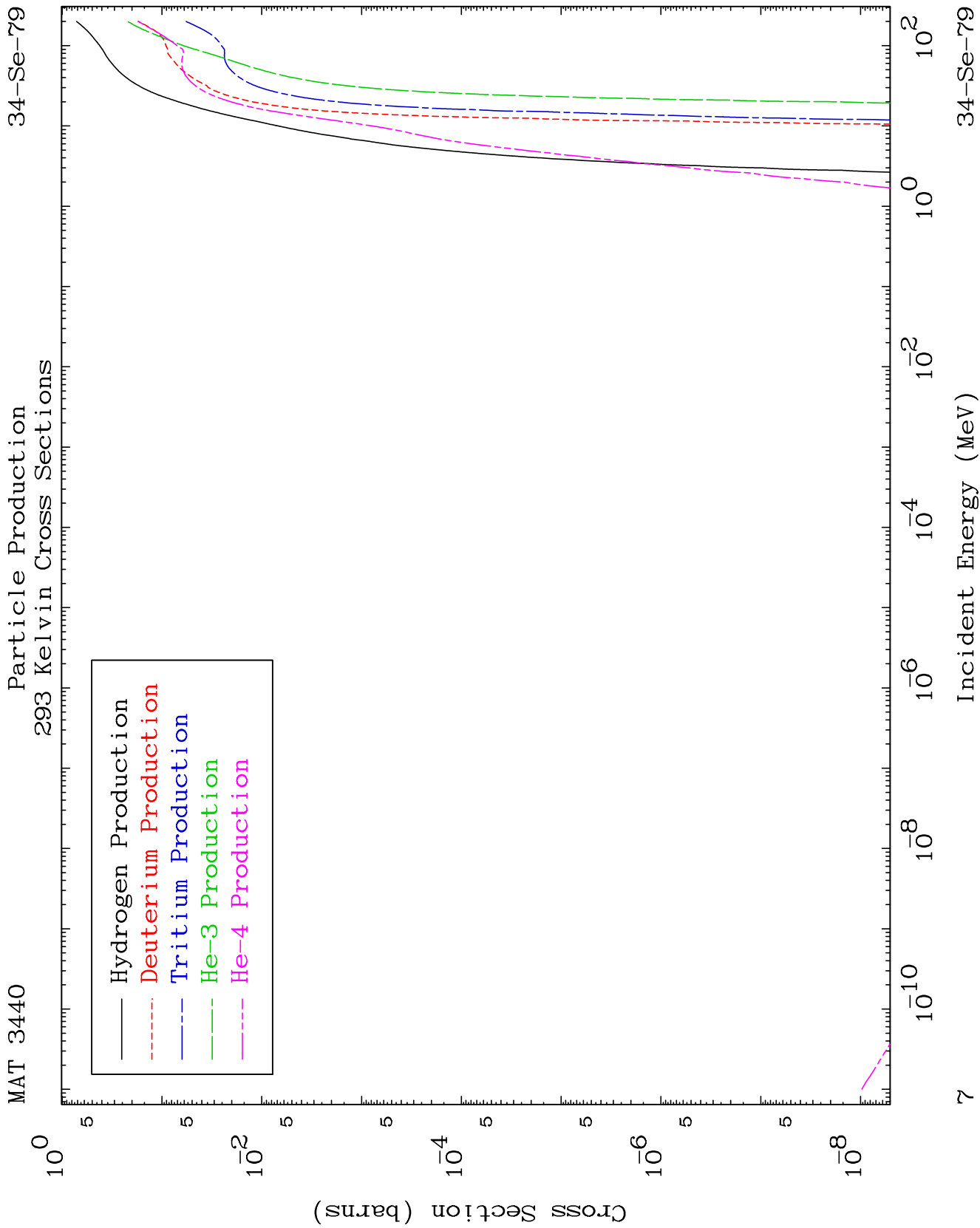
34-Se-79

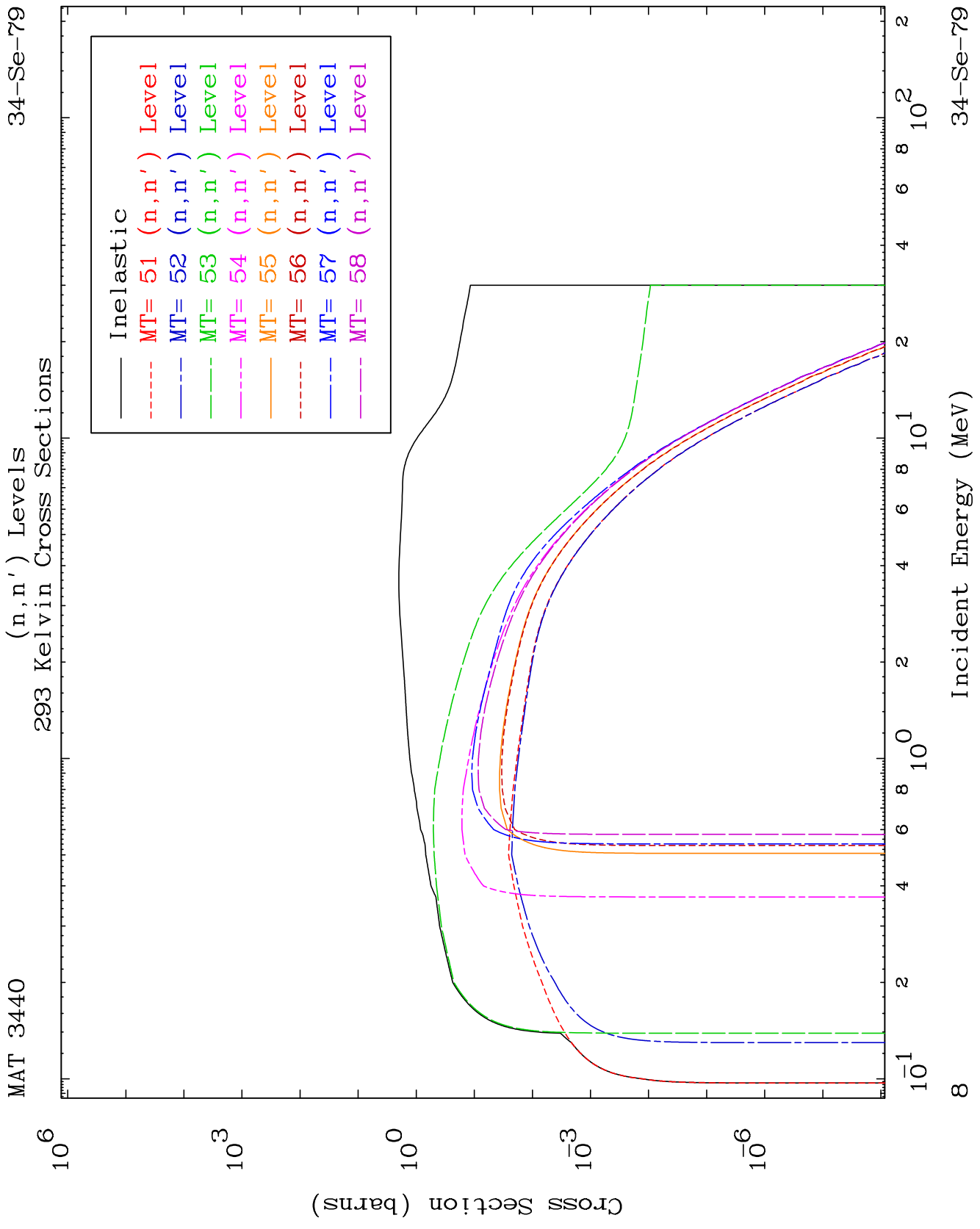
MAT 3440

Charged Particle  
293 Kelvin Cross Sections

34-Se-79





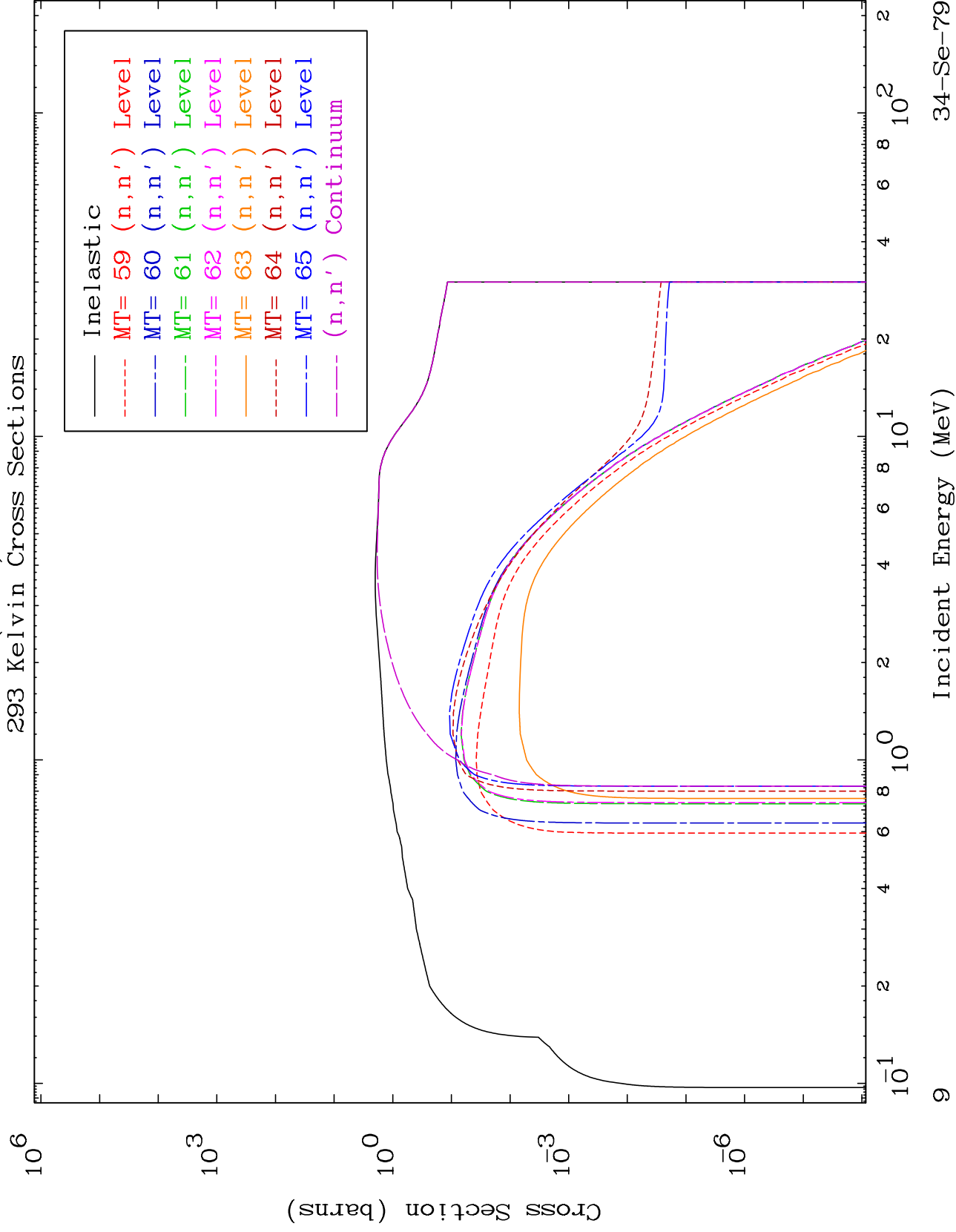


MAT 3440

(n,n') Levels

293 Kelvin Cross Sections

34-Se-79



34-Se-79

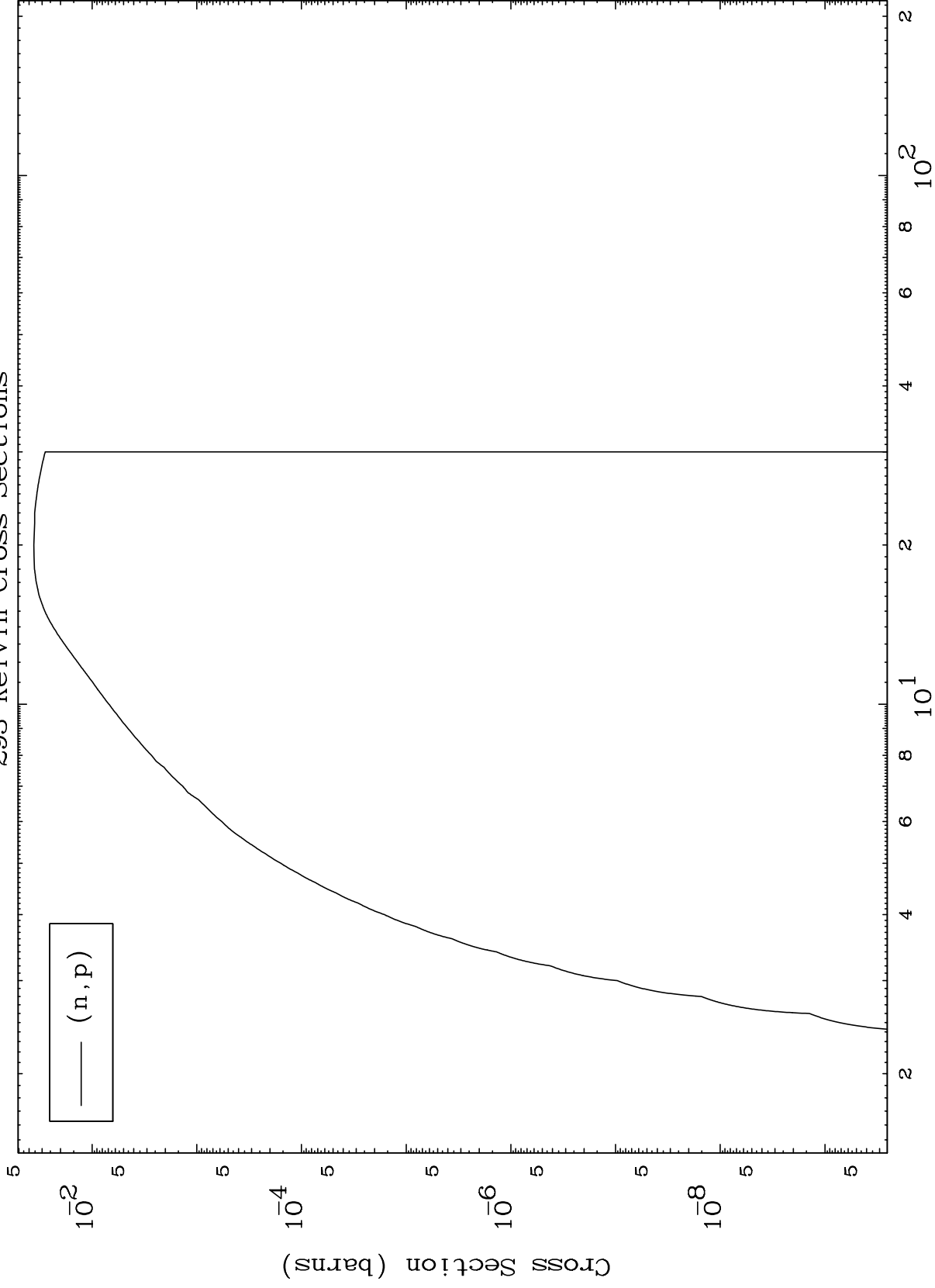
Incident Energy (MeV)

9

MAT 3440

(n,p) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-79



10

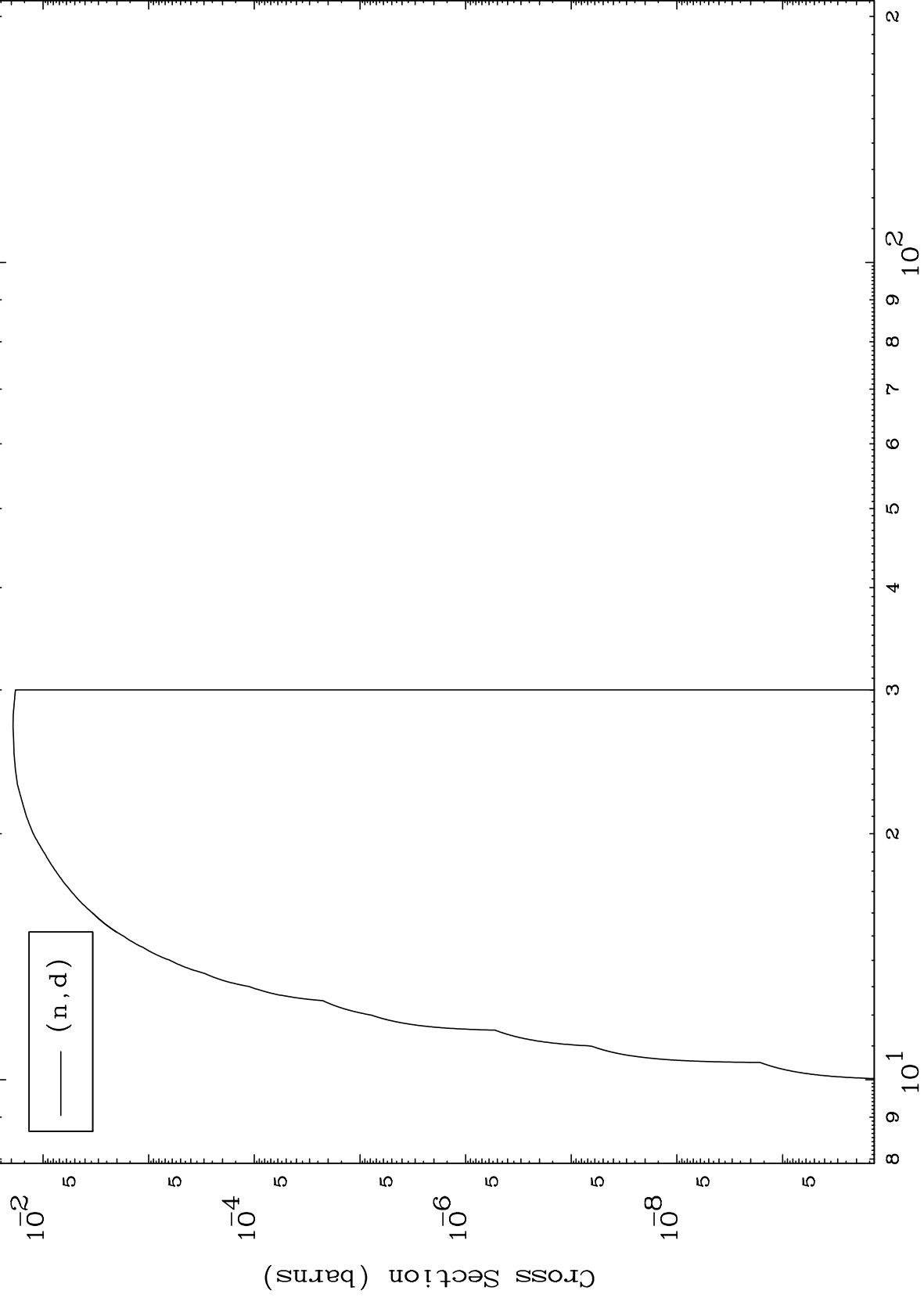
Incident Energy (MeV)

<sup>34</sup>Se-79

MAT 3440

(n,d) Levels  
293 Kelvin Cross Sections

34-Se-79



11

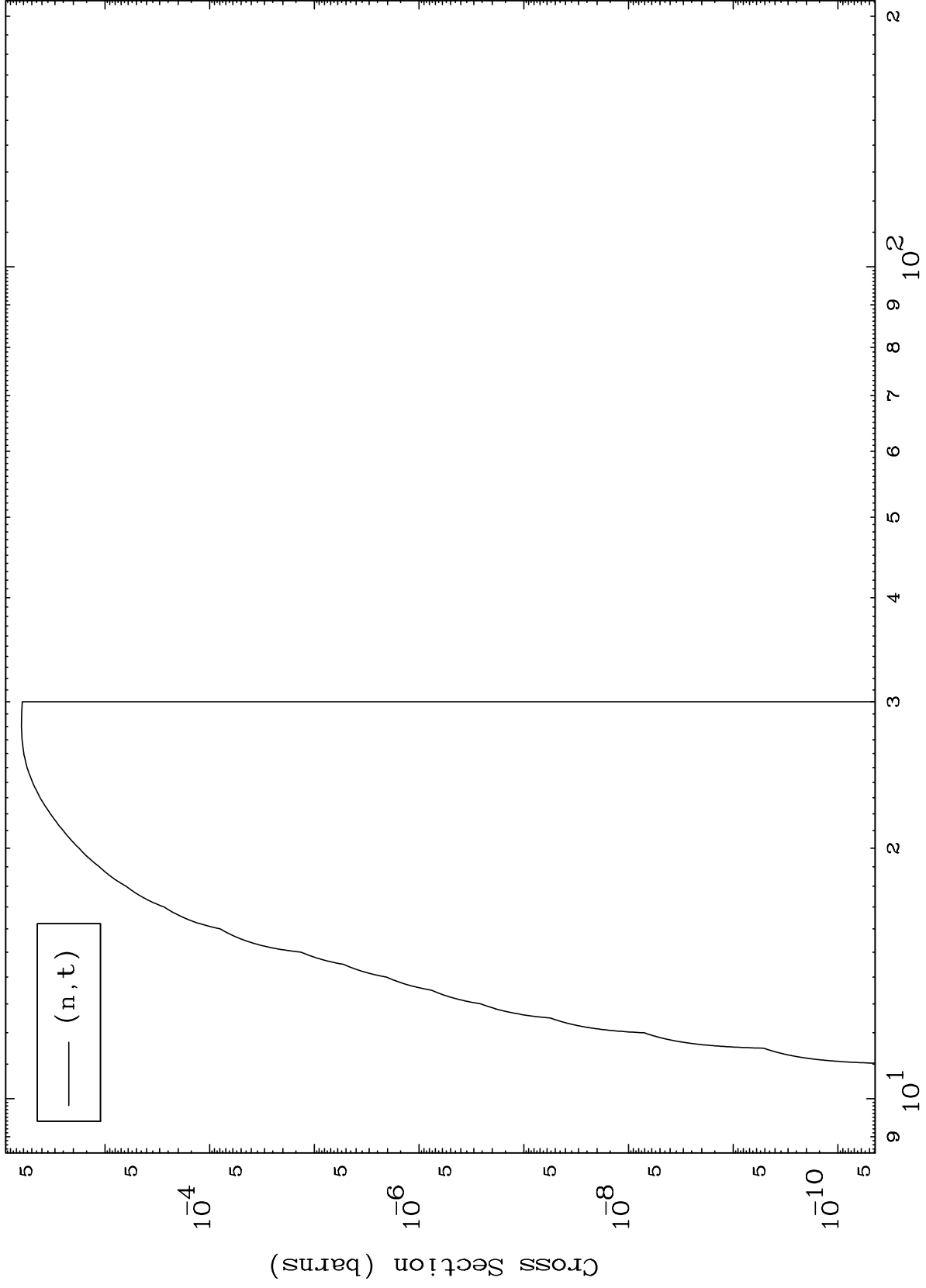
Incident Energy (MeV)

34-Se-79

MAT 3440

(n,t) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-79



12

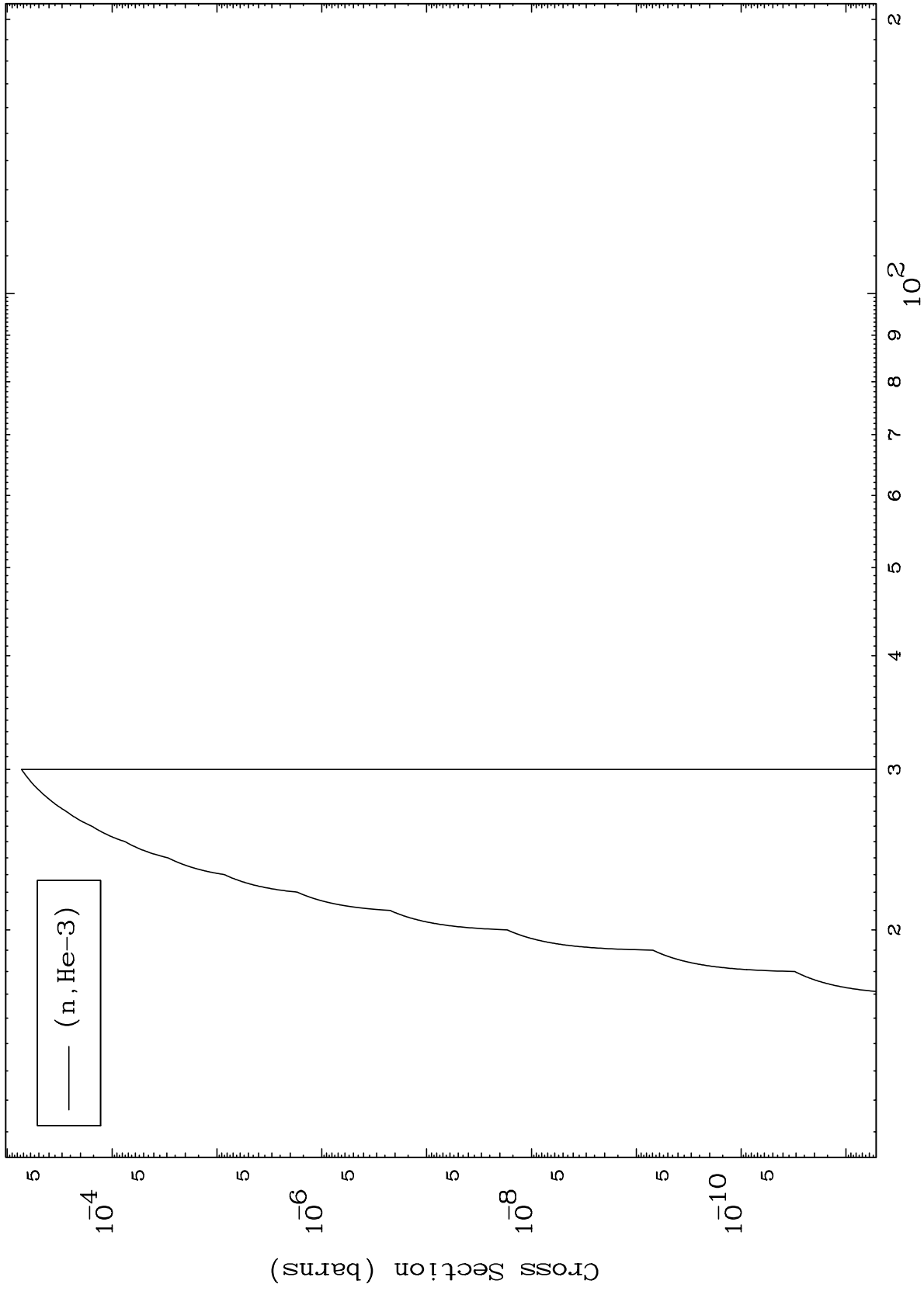
Incident Energy (MeV)

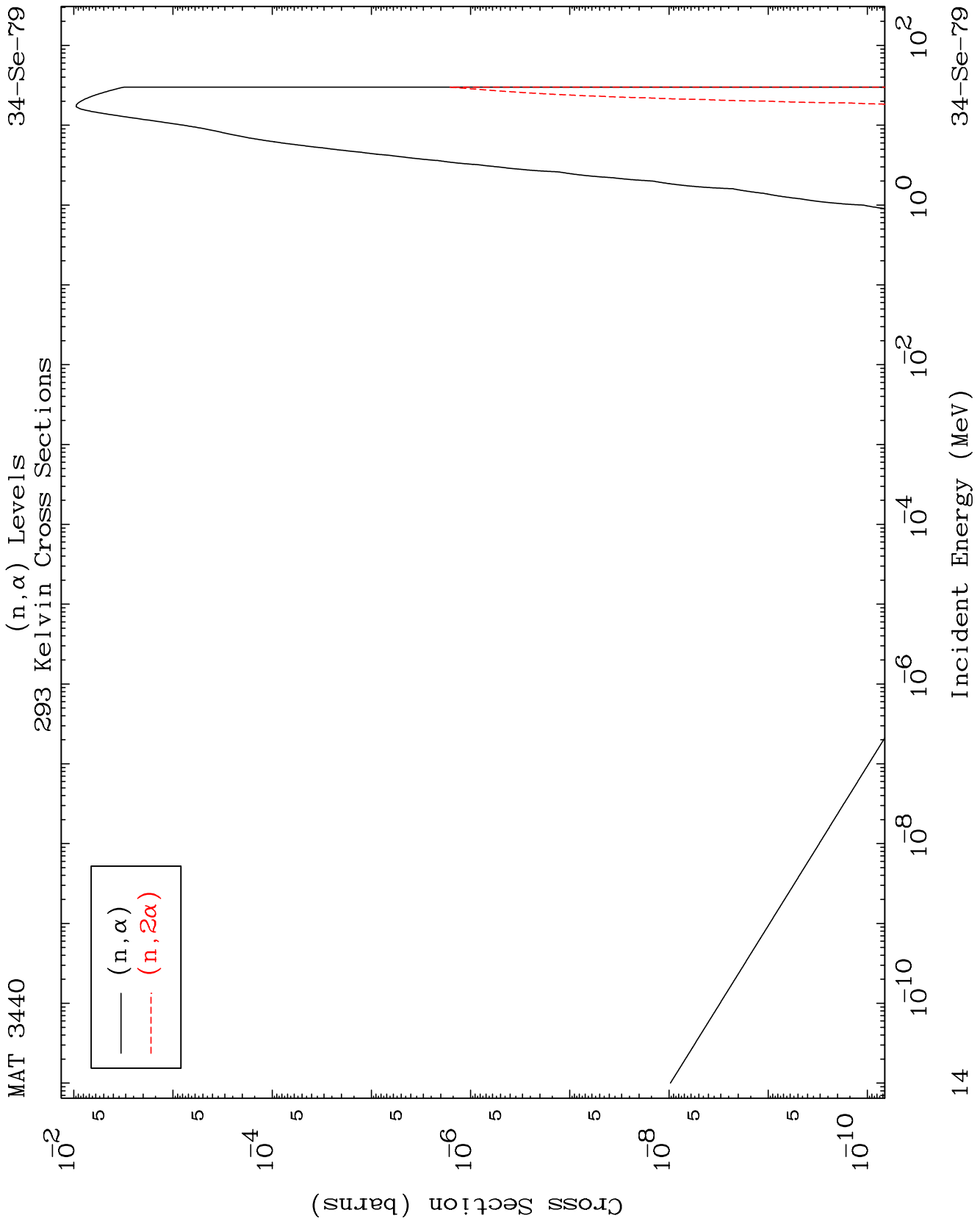
<sup>34</sup>Se-79

MAT 3440

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-79

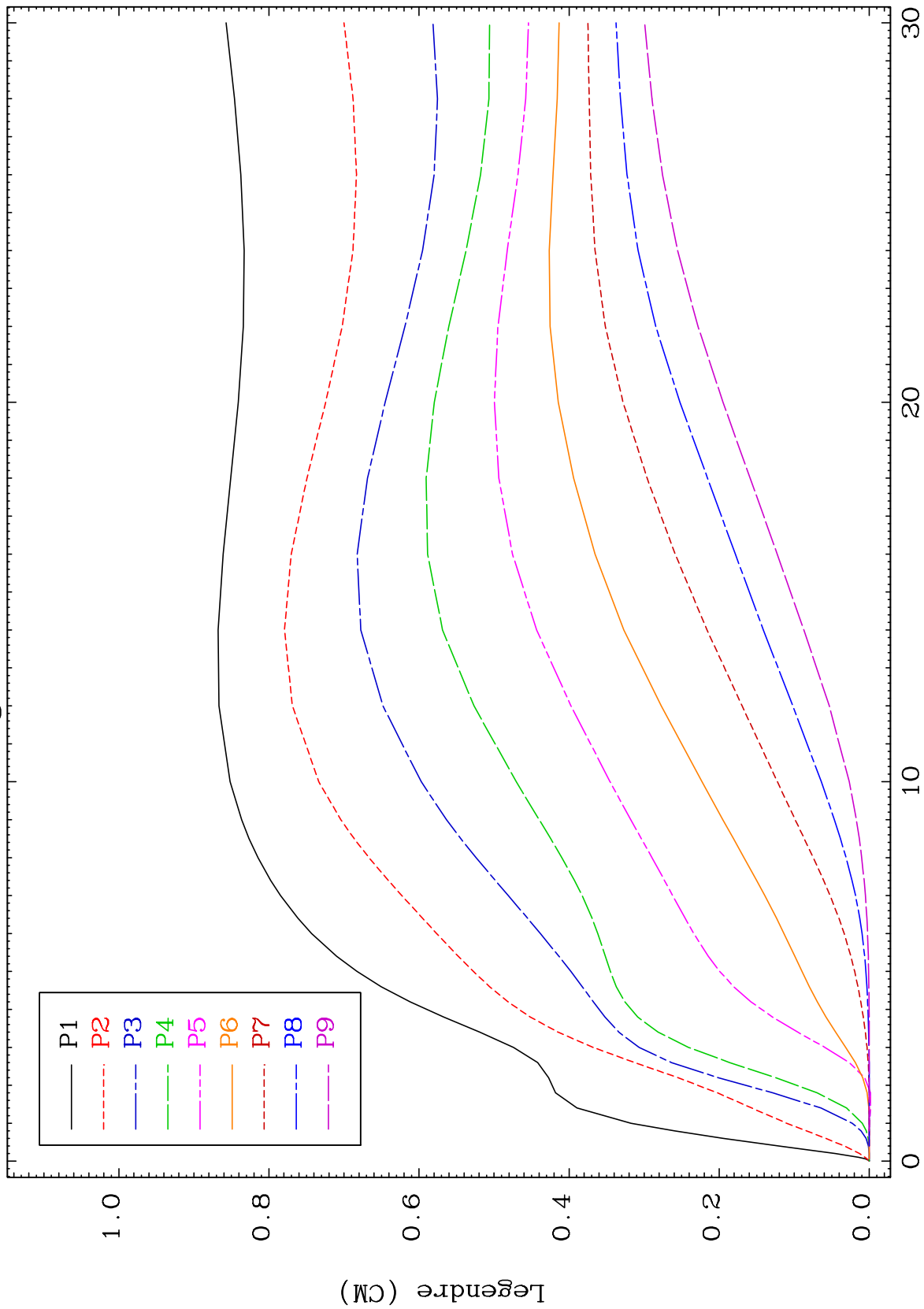




MAT 3440

Elastic Legendre Coefficients

<sup>34</sup>Se-79



15

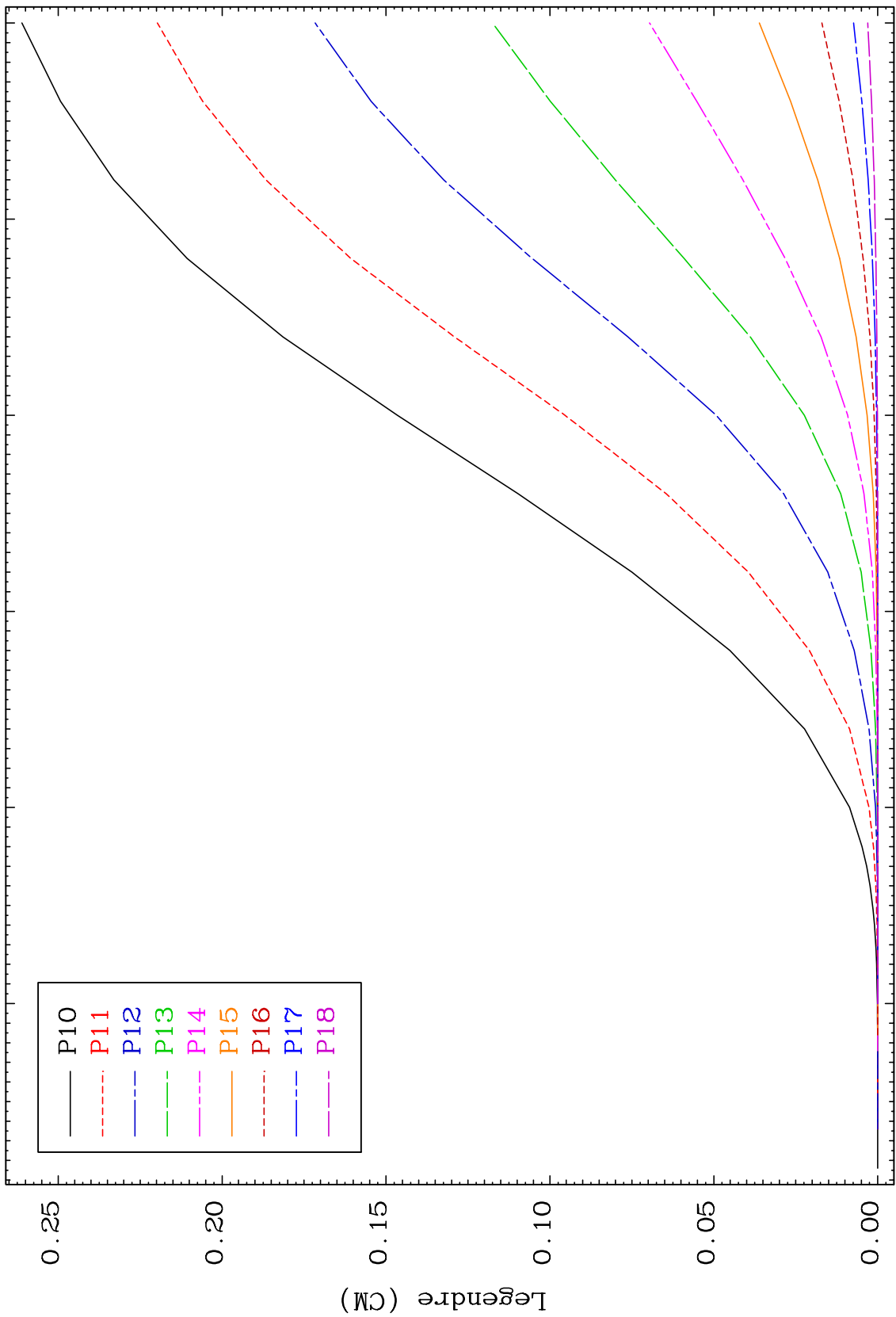
Incident Energy (MeV)

<sup>34</sup>Se-79

MAT 3440

Elastic Legendre Coefficients

<sup>34</sup>Se-79

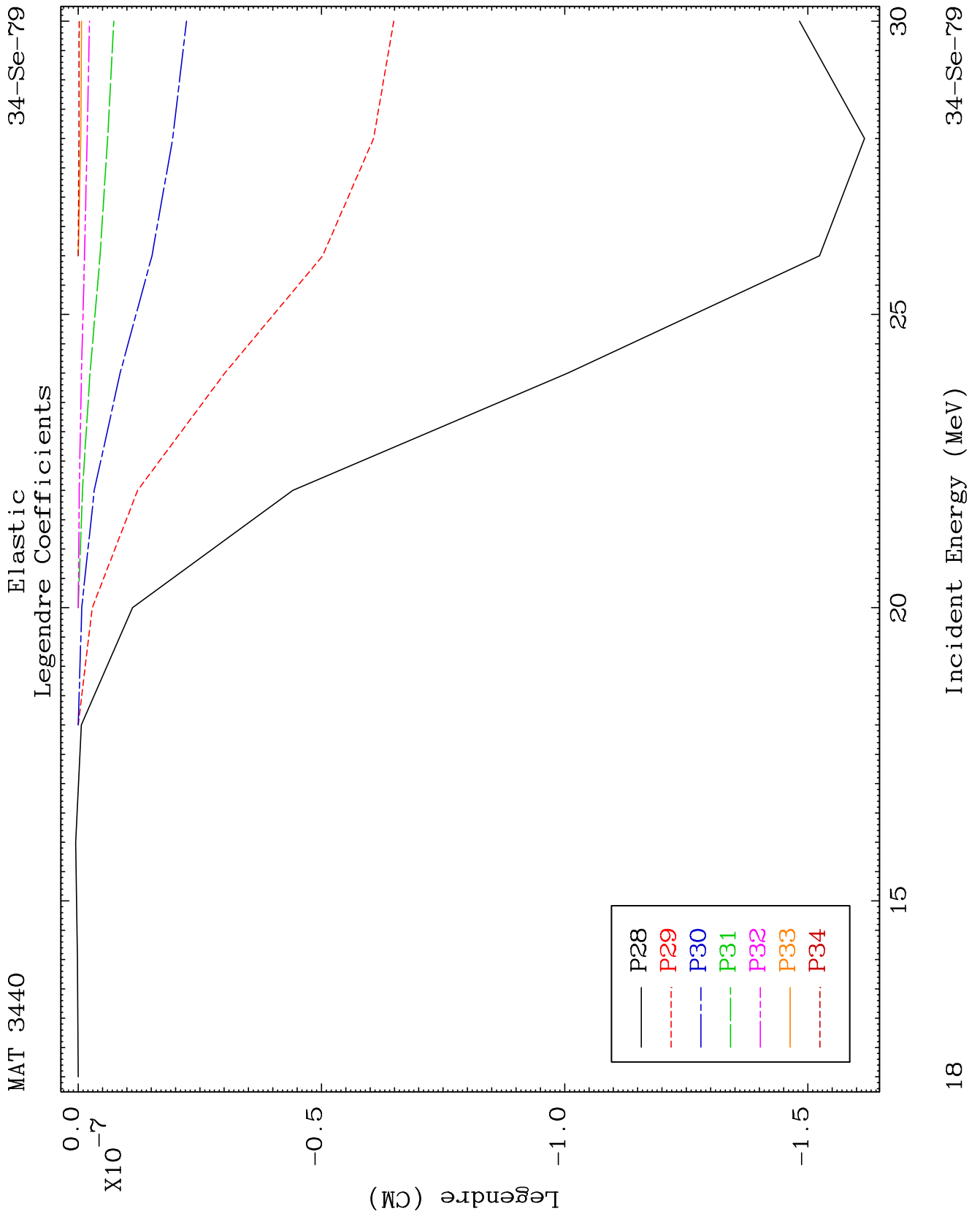


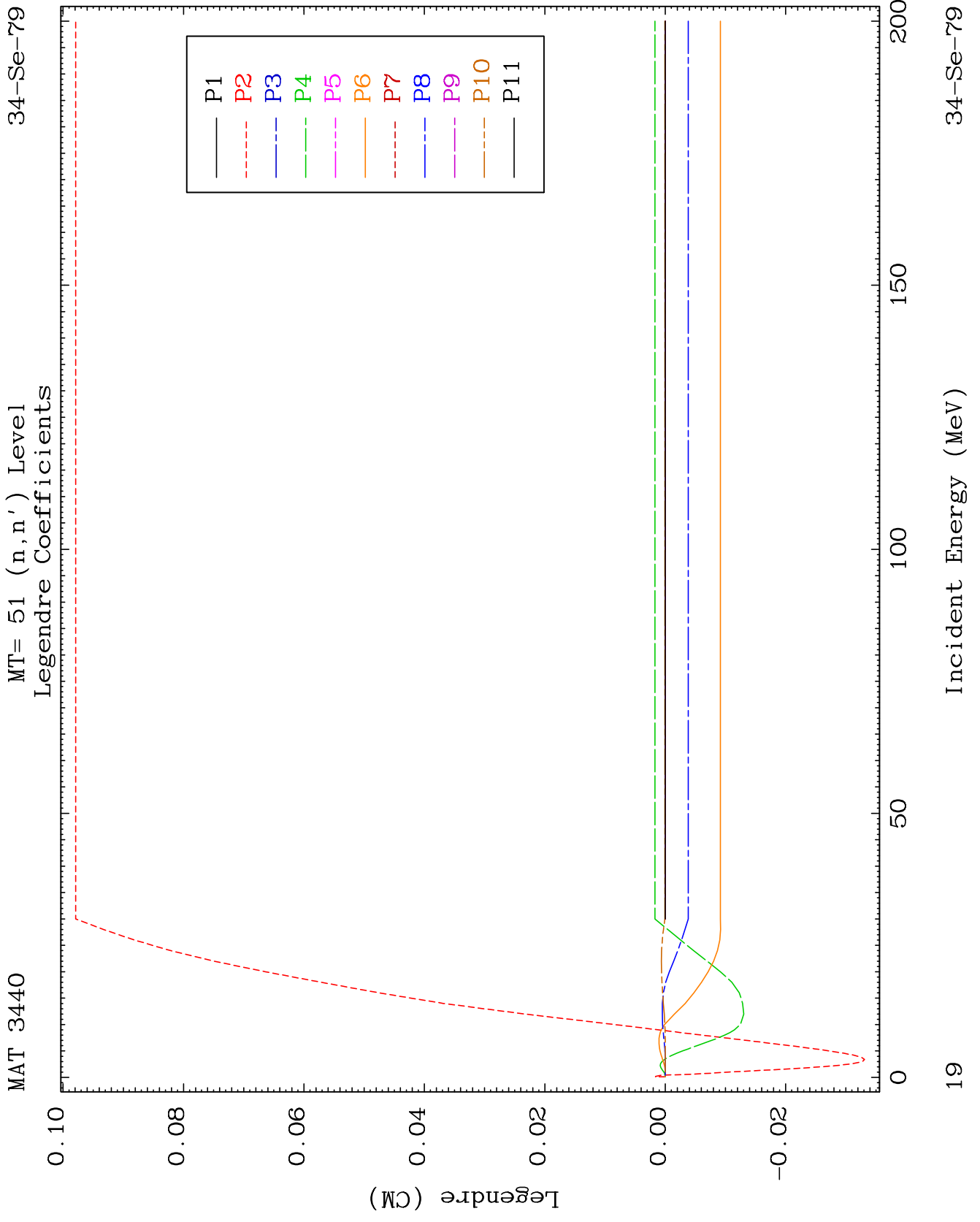
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Incident Energy (MeV)

<sup>34</sup>Se-79



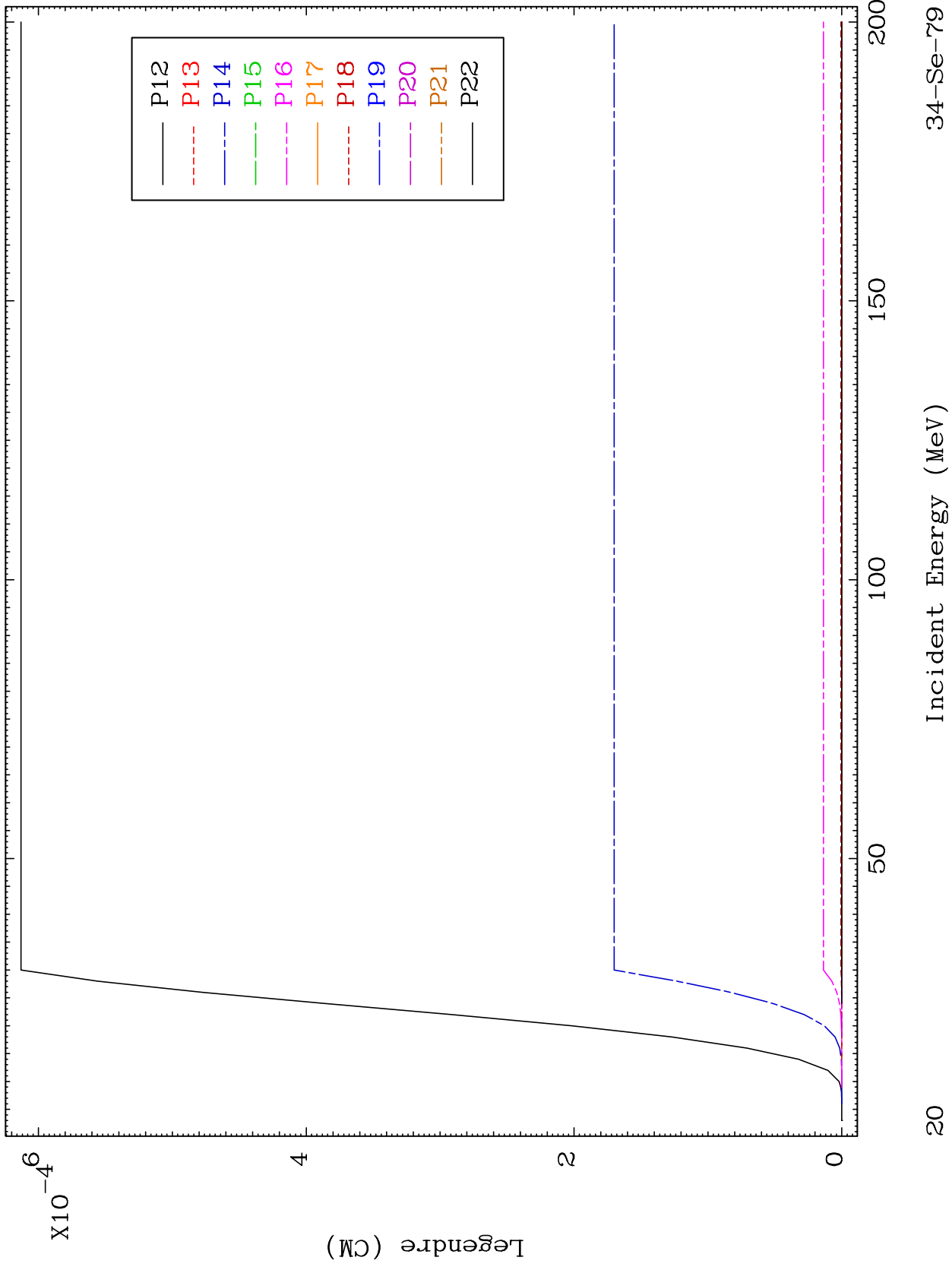


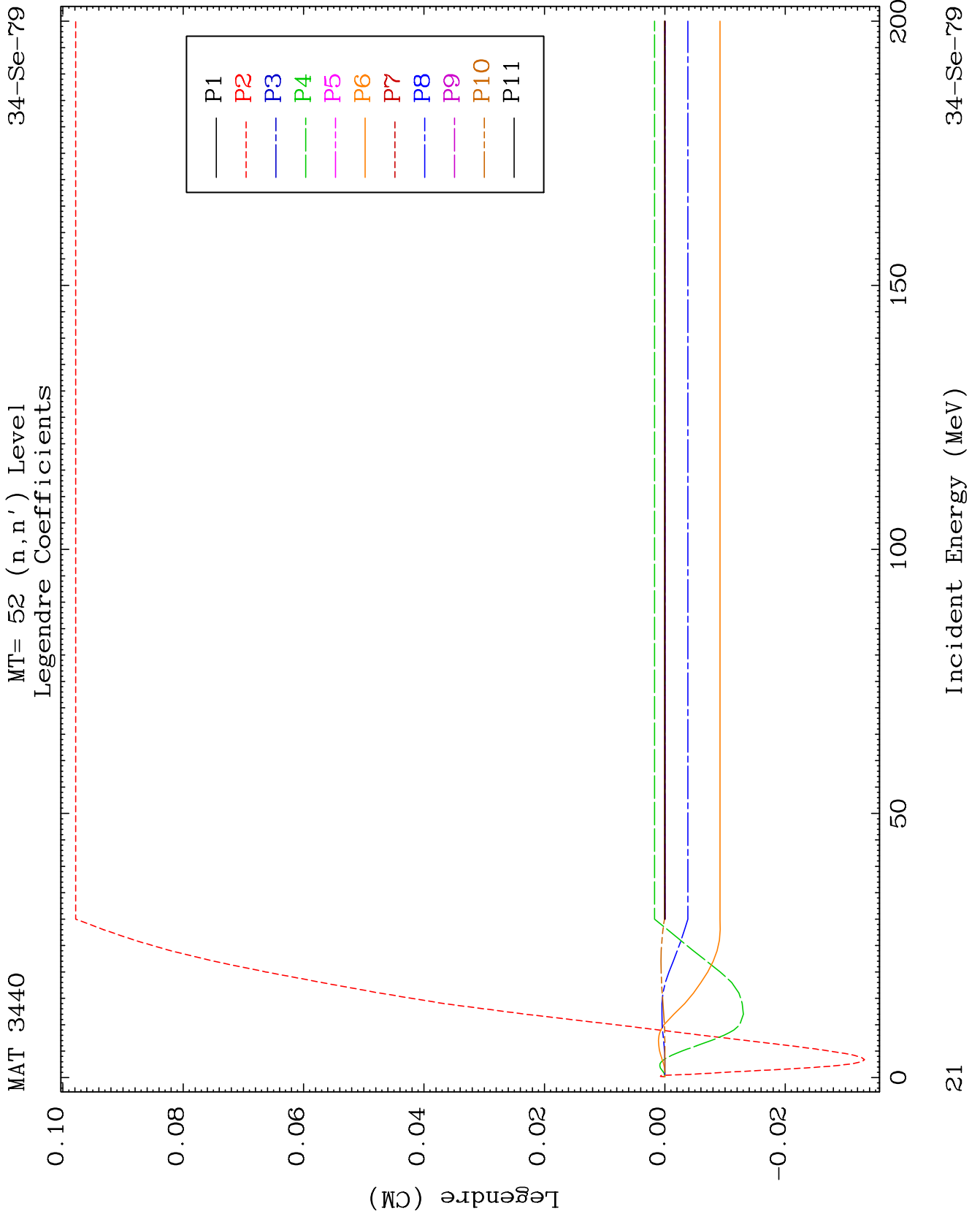


MAT 3440

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

34-Se-79

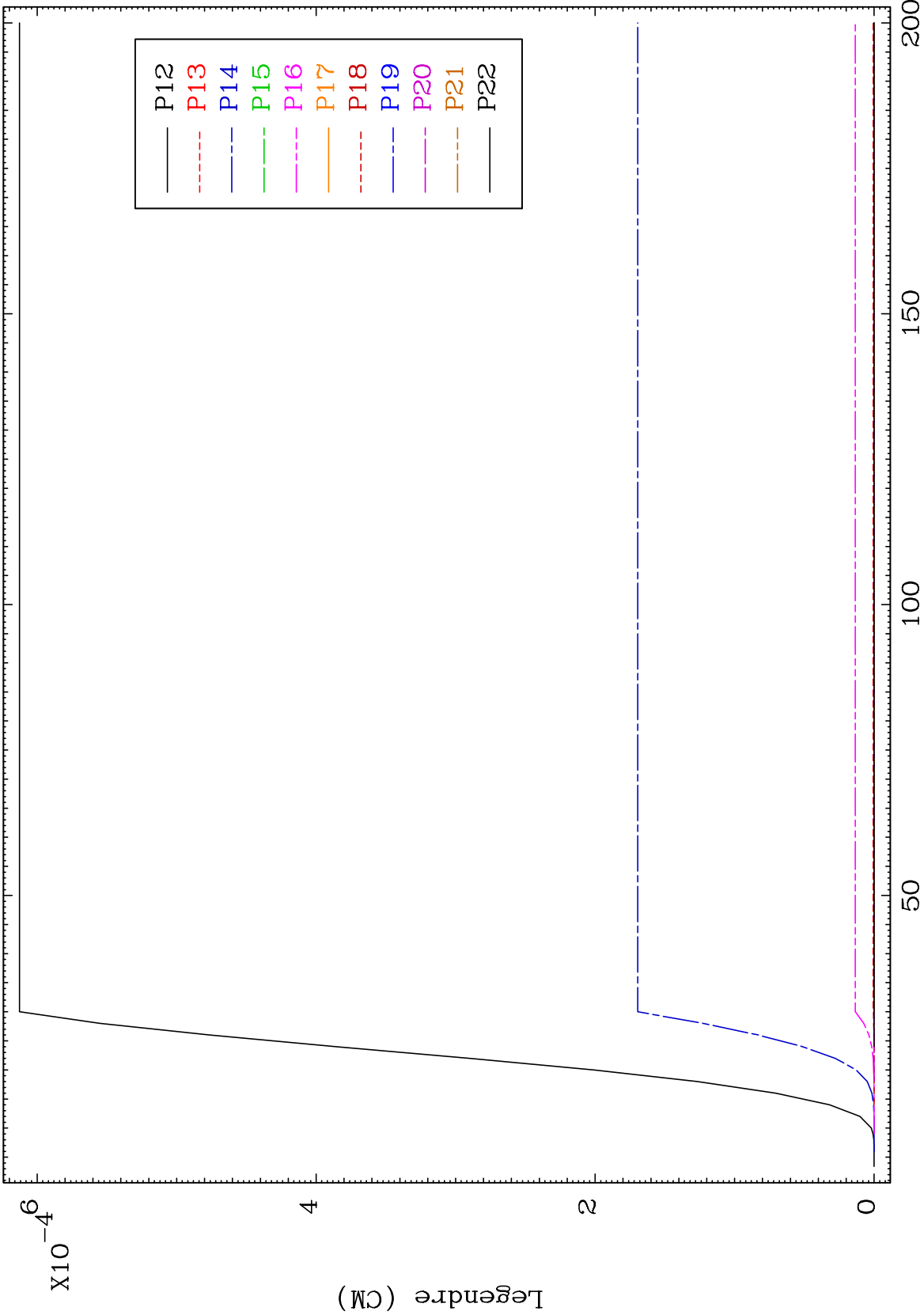




MAT 3440

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

34-Se-79



22

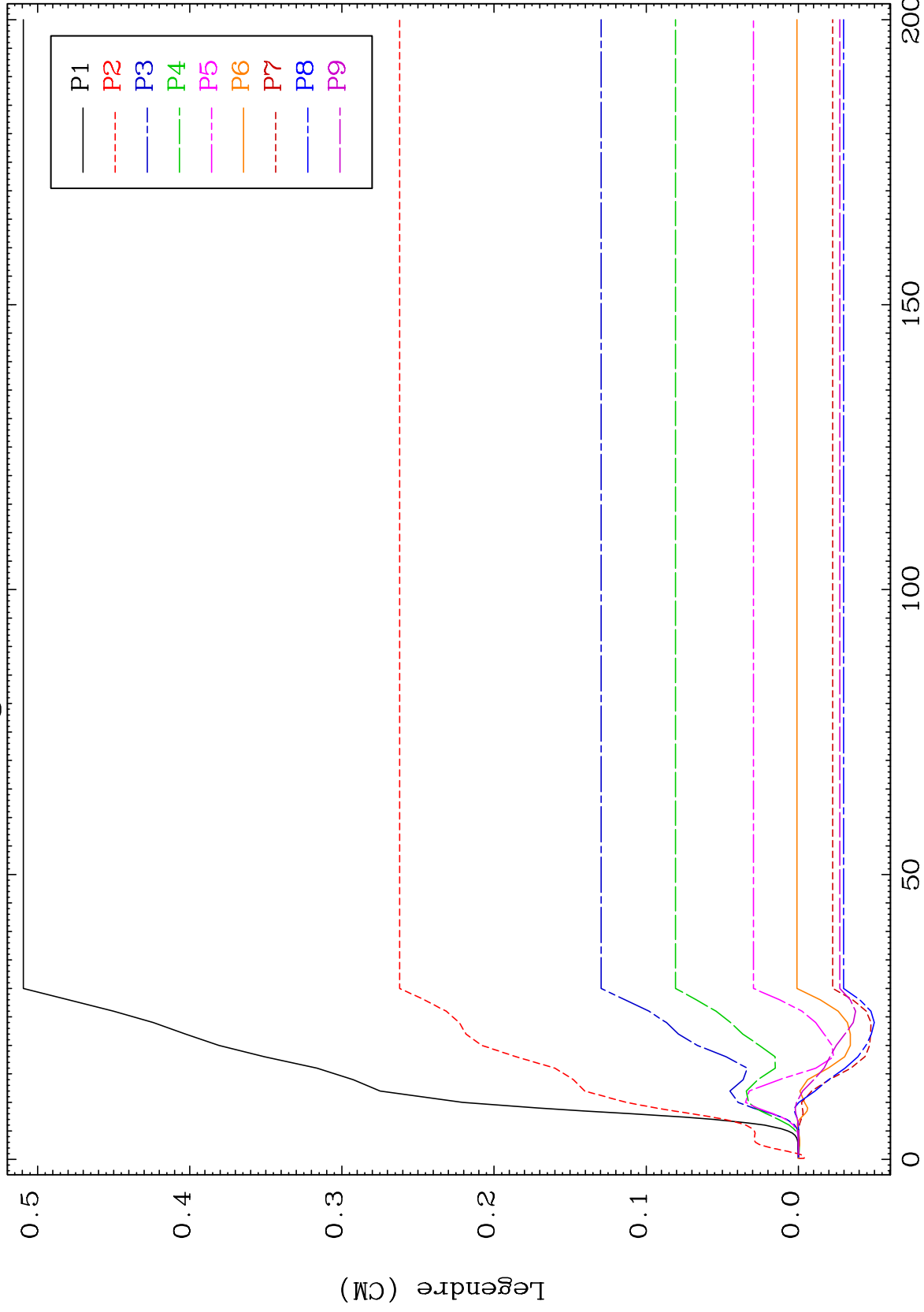
Incident Energy (MeV)

34-Se-79

MAT 3440

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

34-Se-79



23

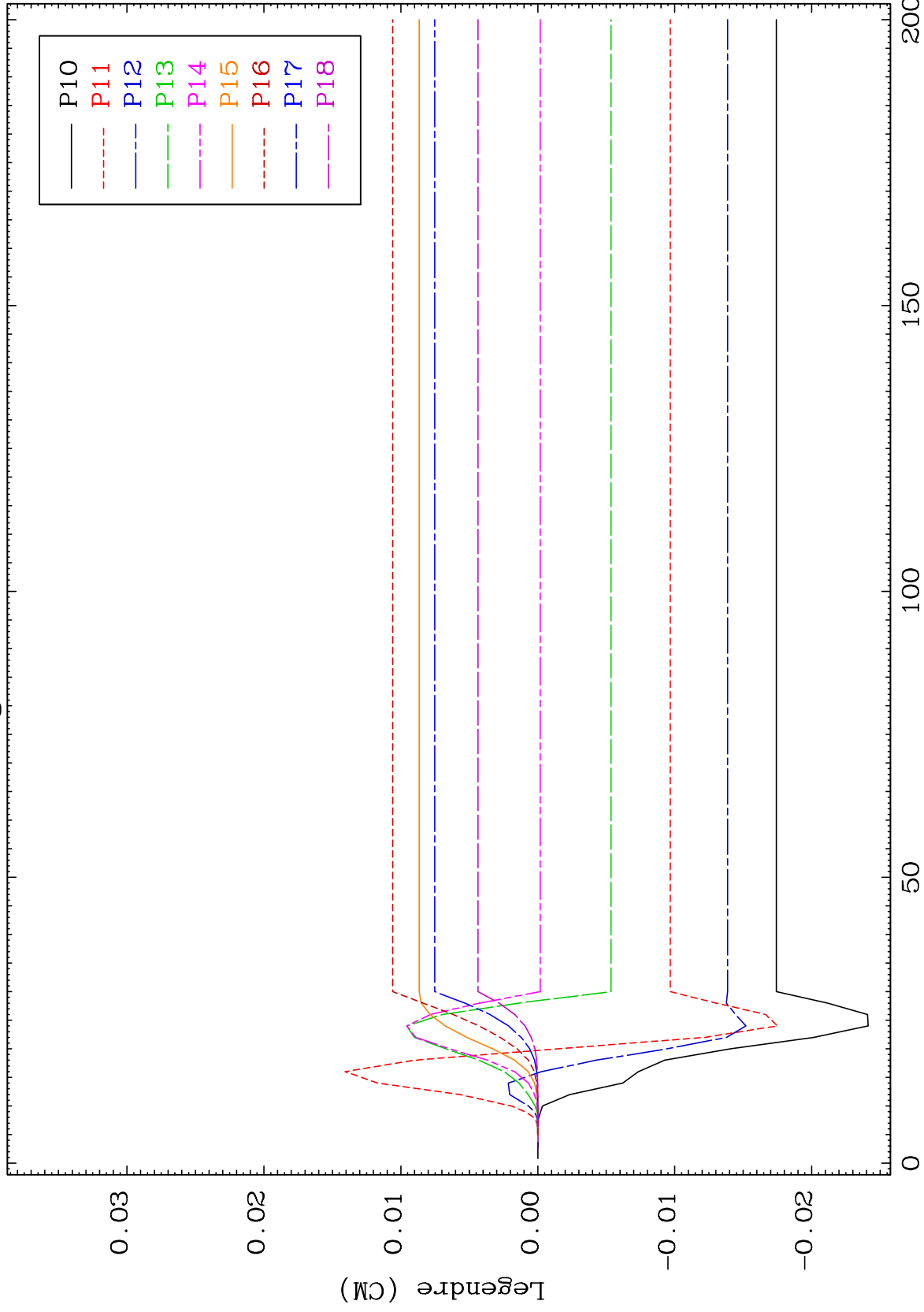
Incident Energy (MeV)

34-Se-79

MAT 3440

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

<sup>34</sup>Se-79



24

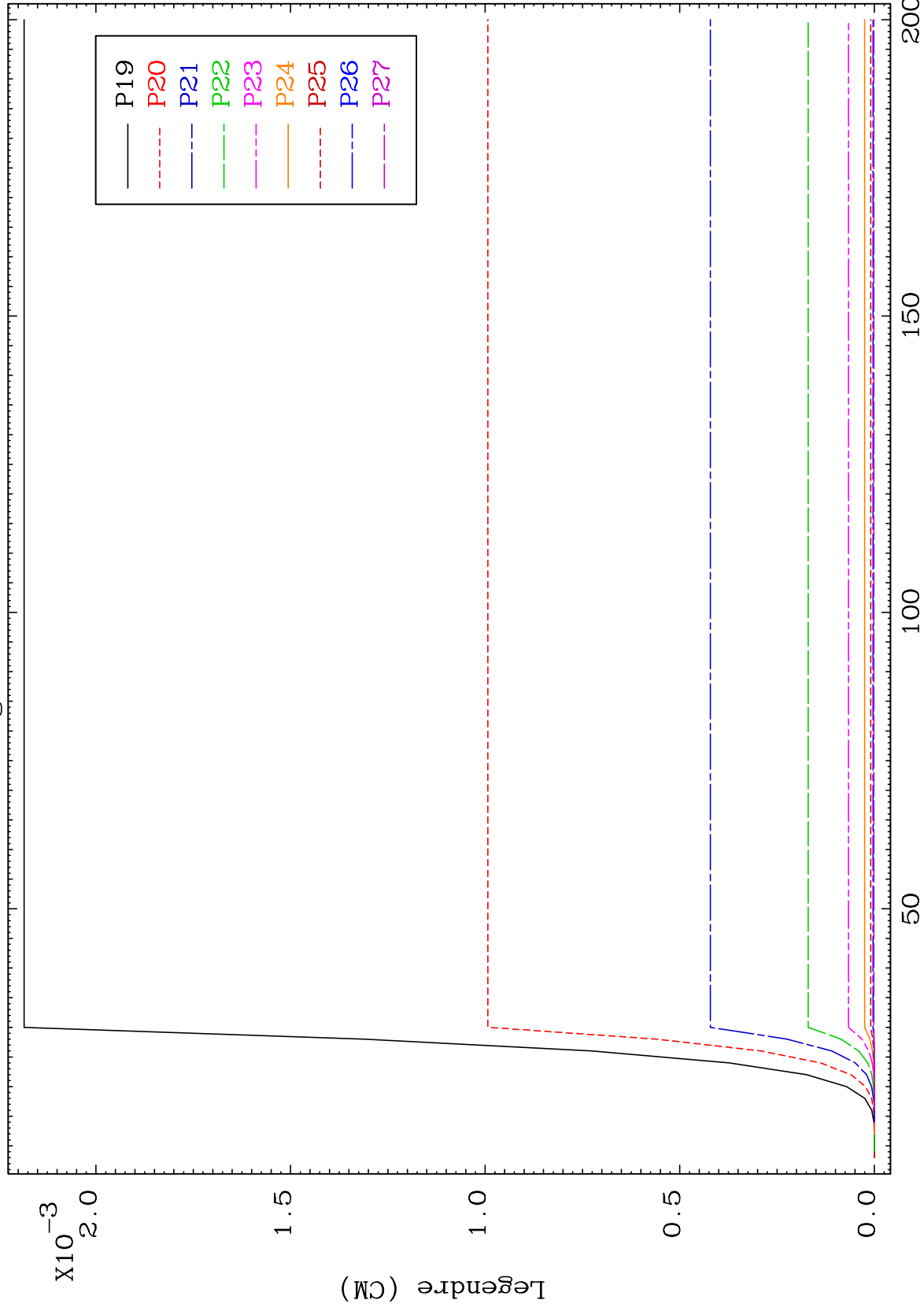
Incident Energy (MeV)

<sup>34</sup>Se-79

MAT 3440

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

<sup>34</sup>Se-79



25

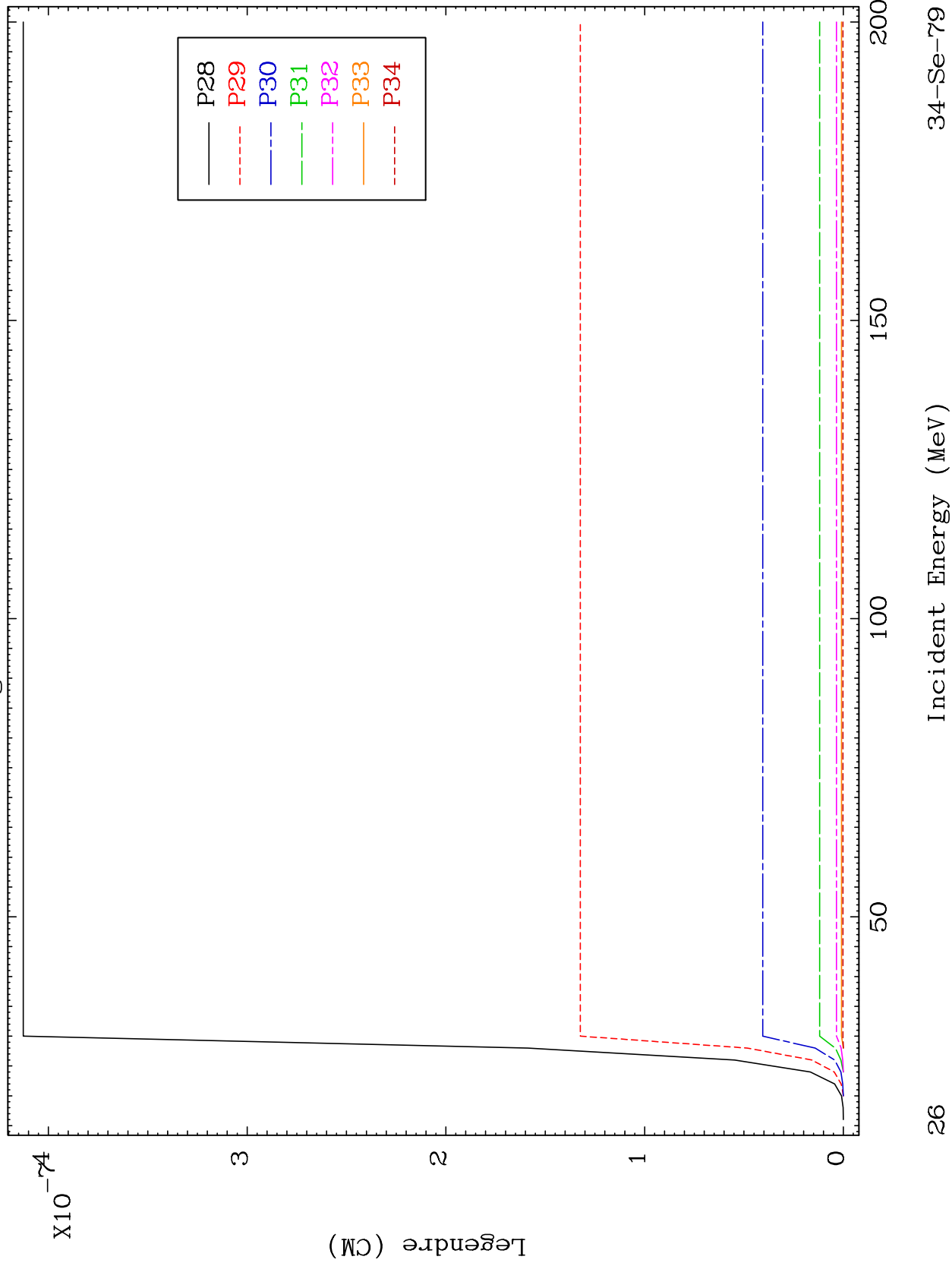
Incident Energy (MeV)

<sup>34</sup>Se-79

MAT 3440

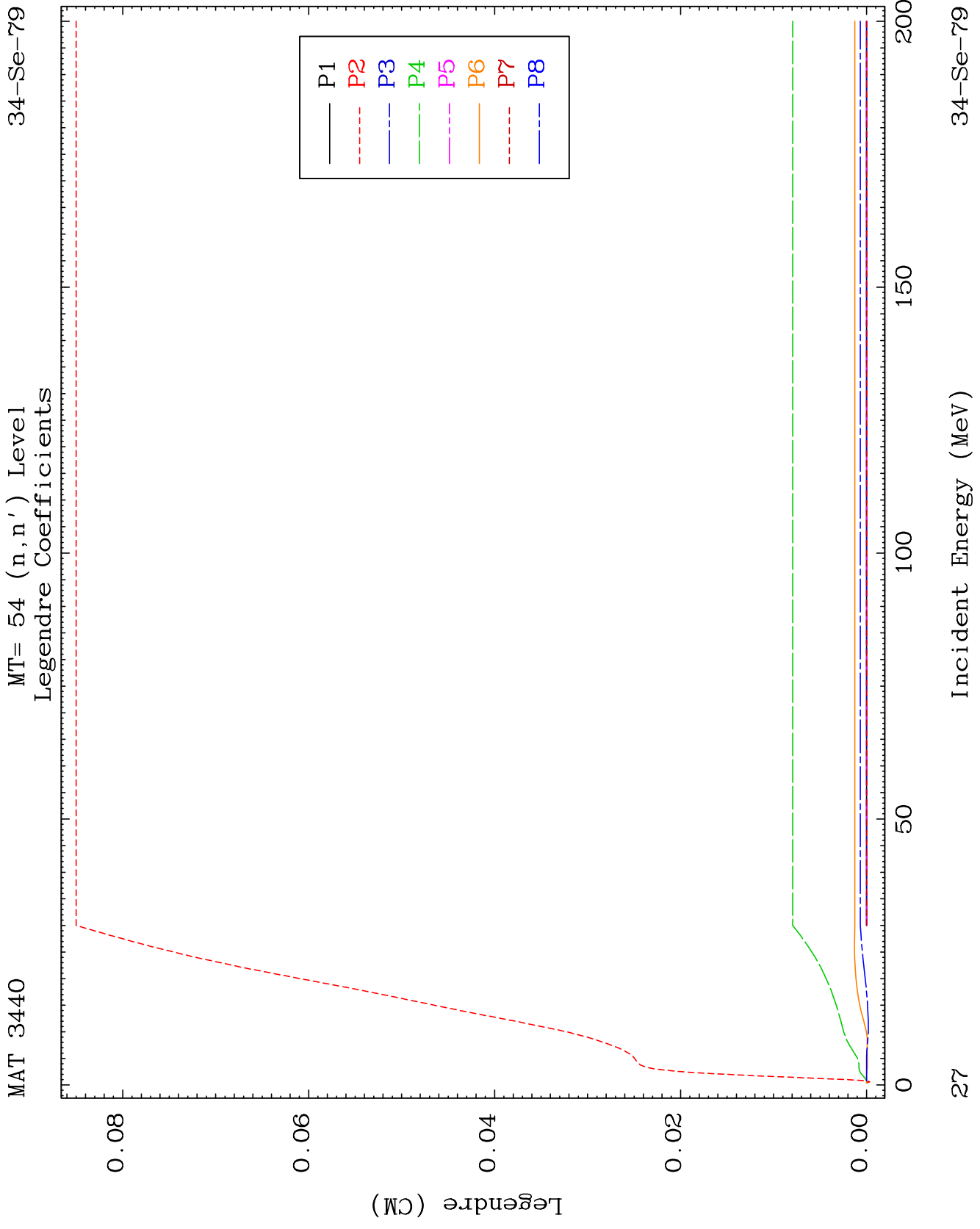
MT= 53 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-79



26

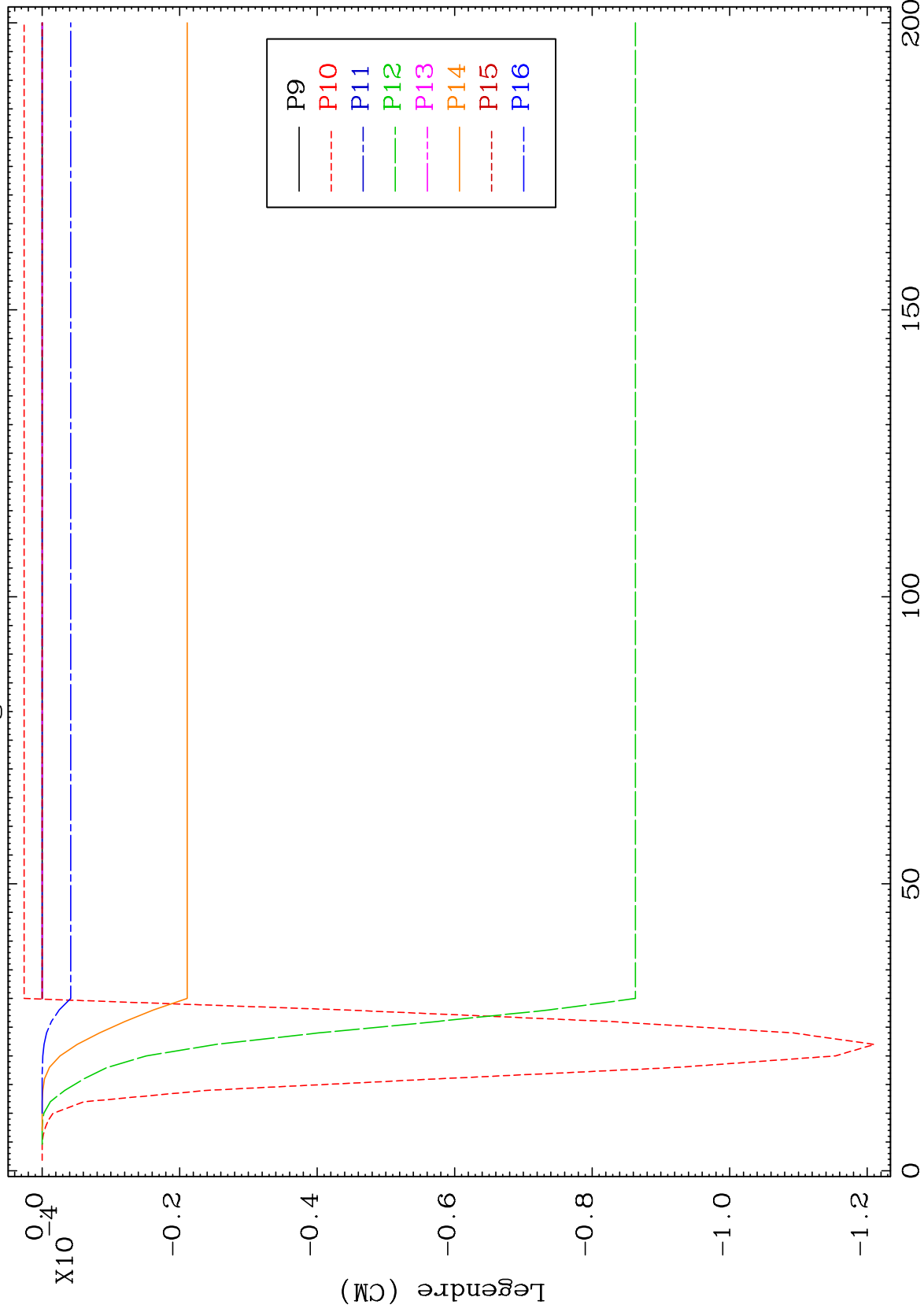
<sup>34</sup>Se-79



MAT 3440

MT= 54 (n,n') Level  
Legendre Coefficients

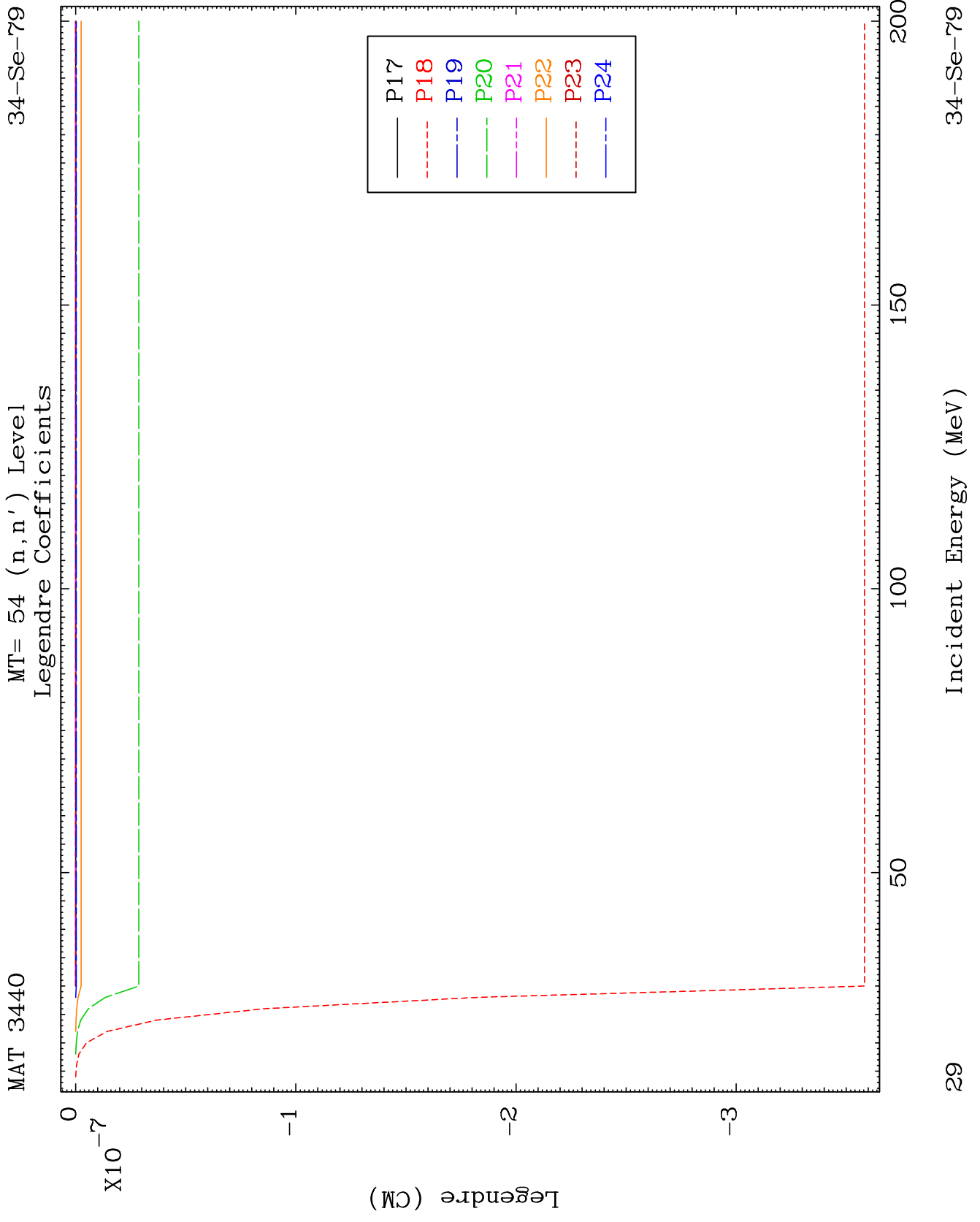
<sup>34</sup>Se-79

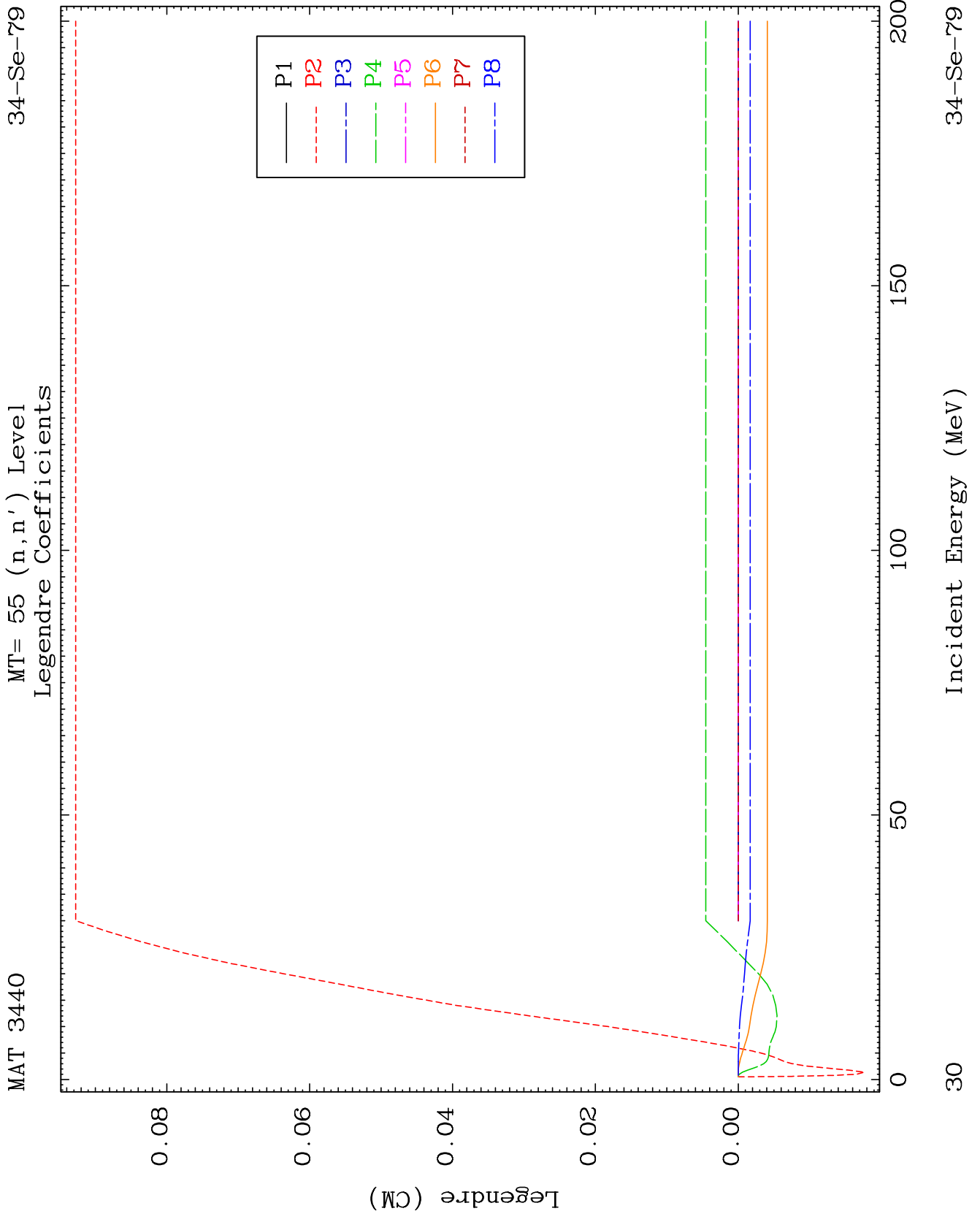


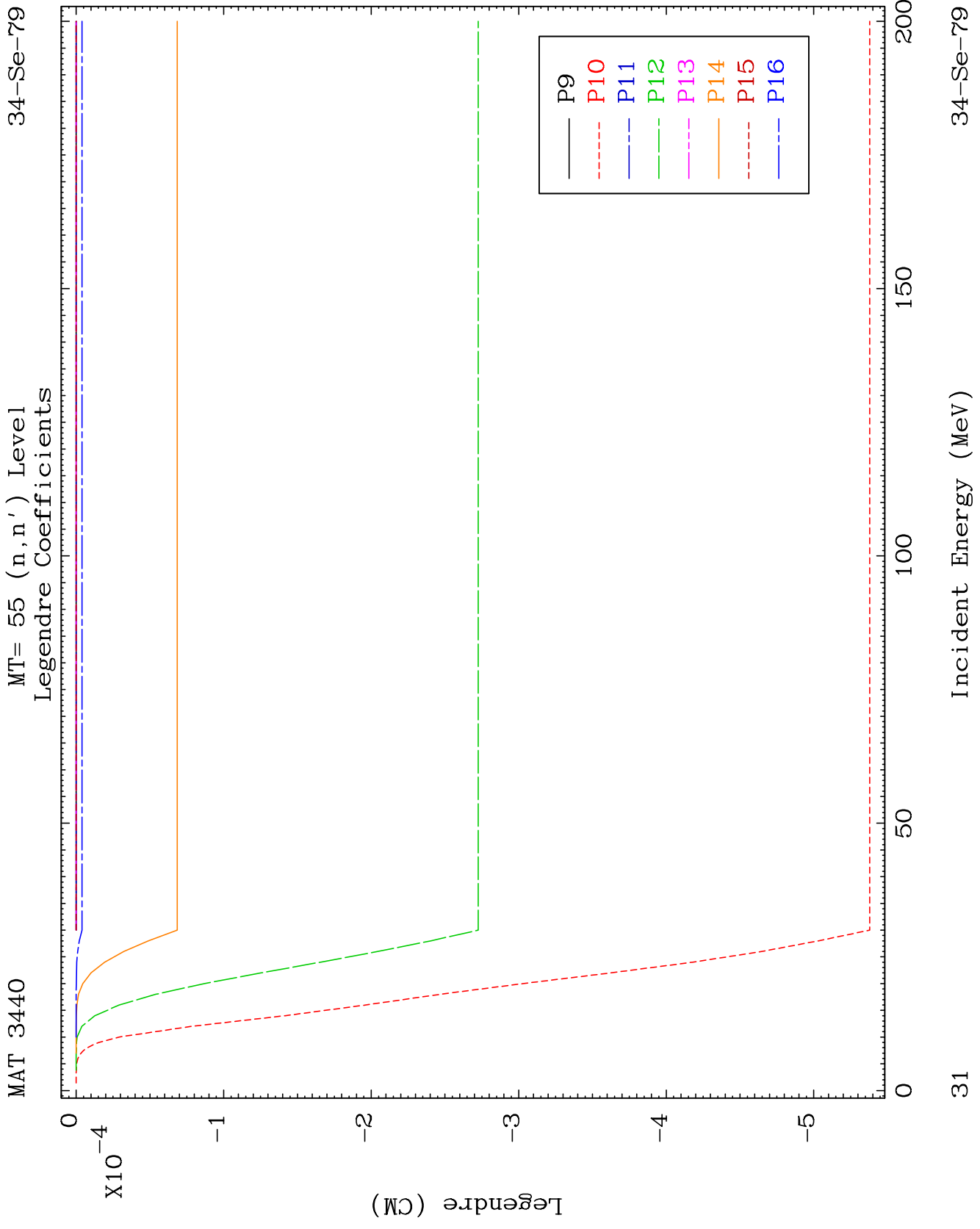
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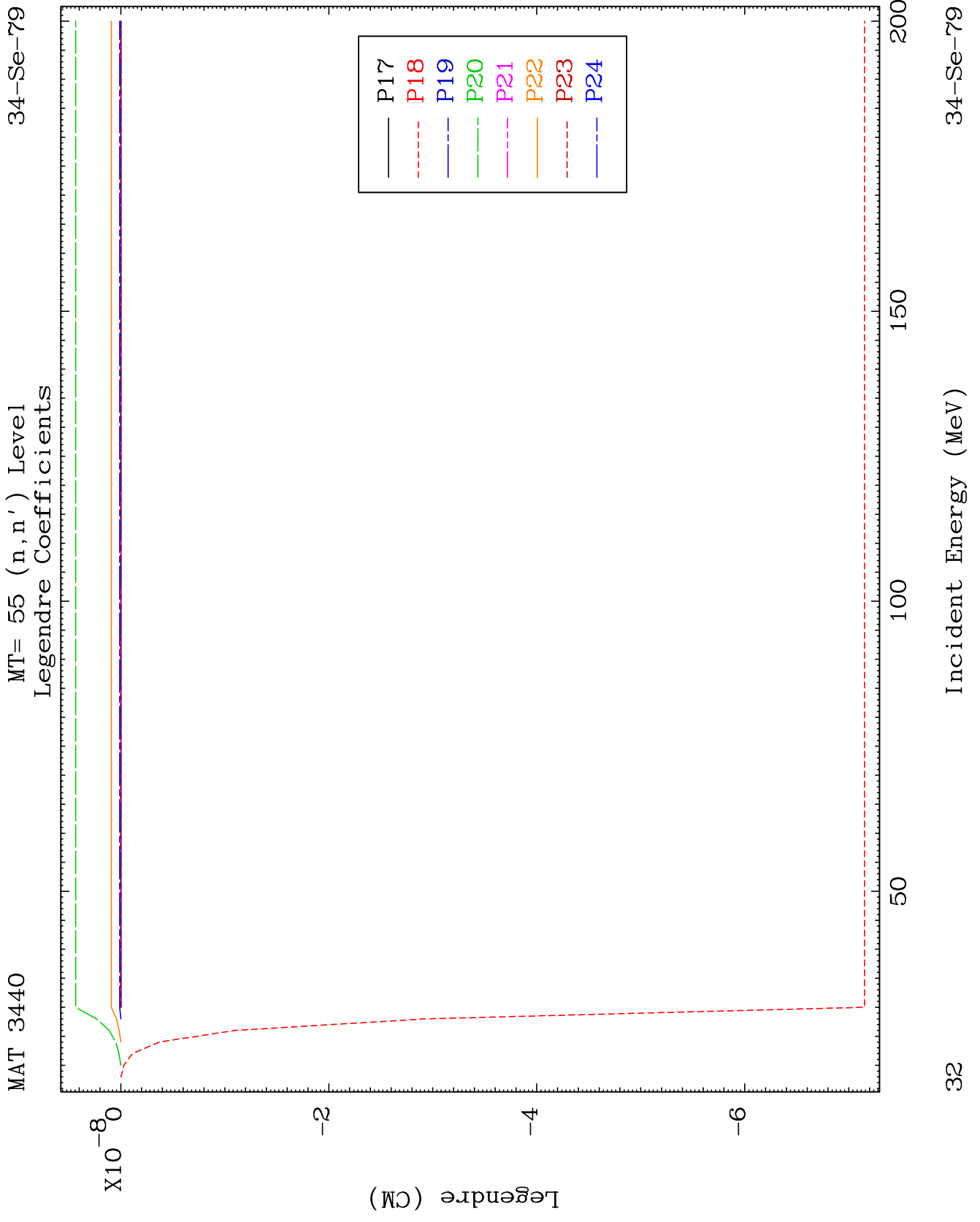
Incident Energy (MeV)

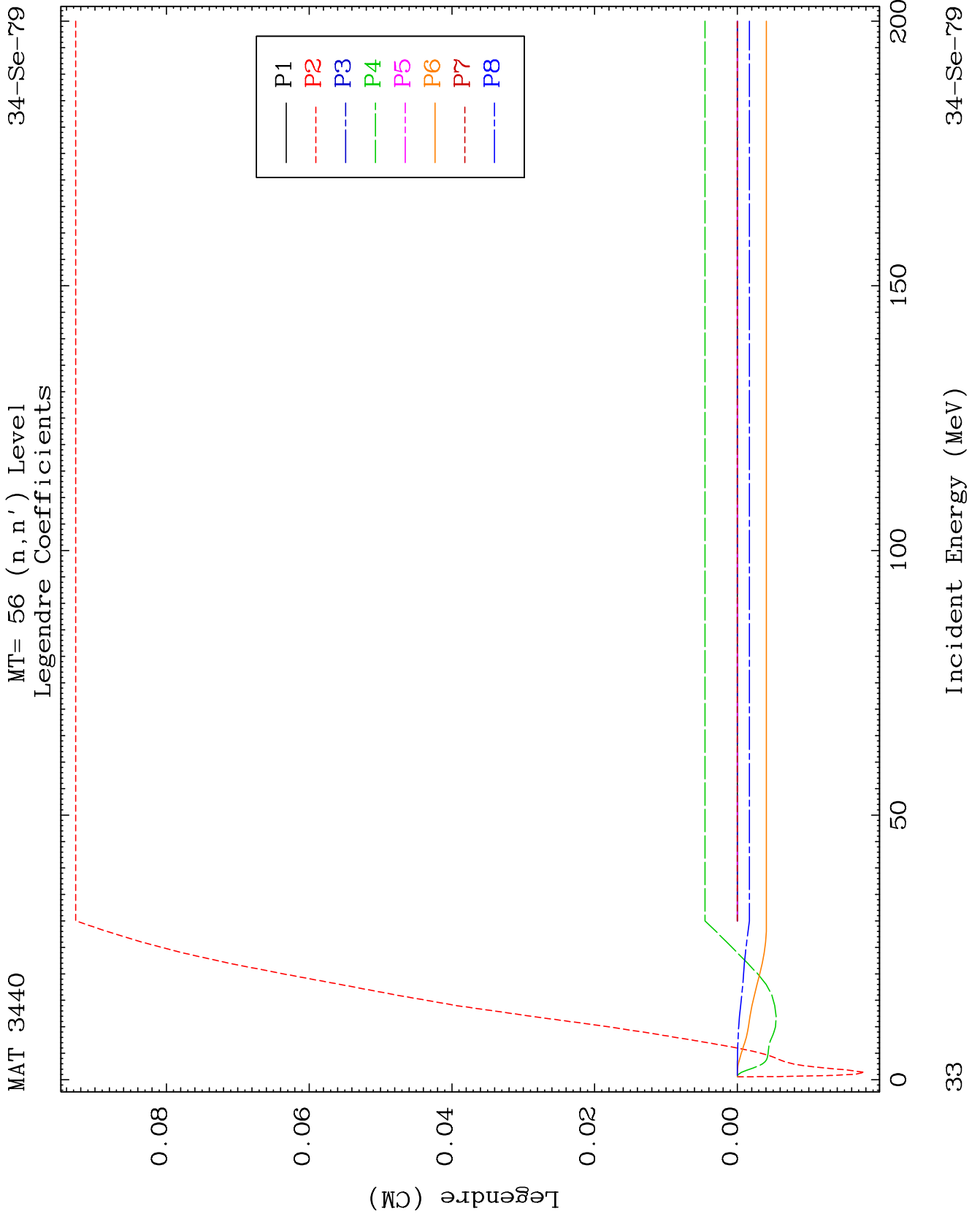
<sup>34</sup>Se-79

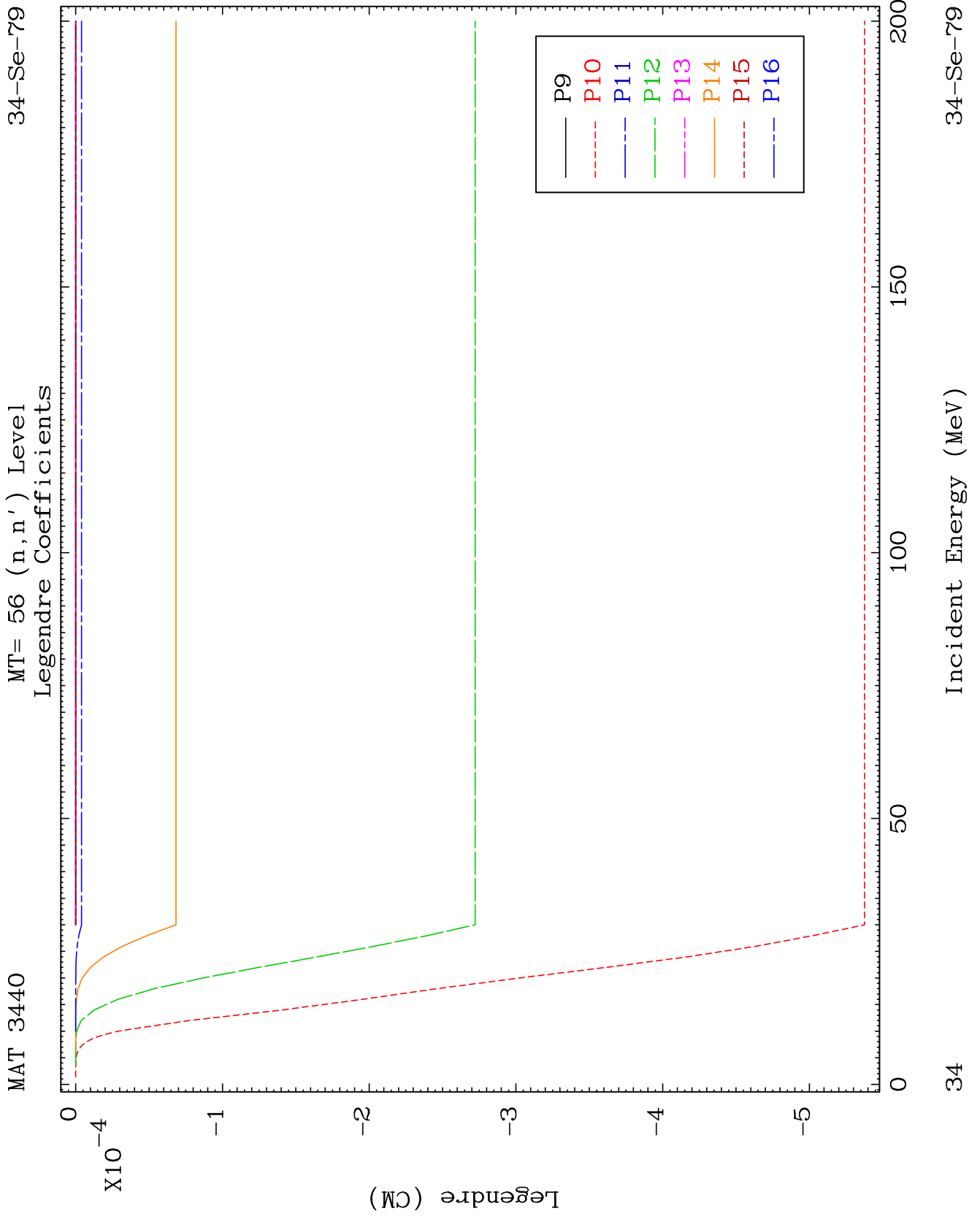


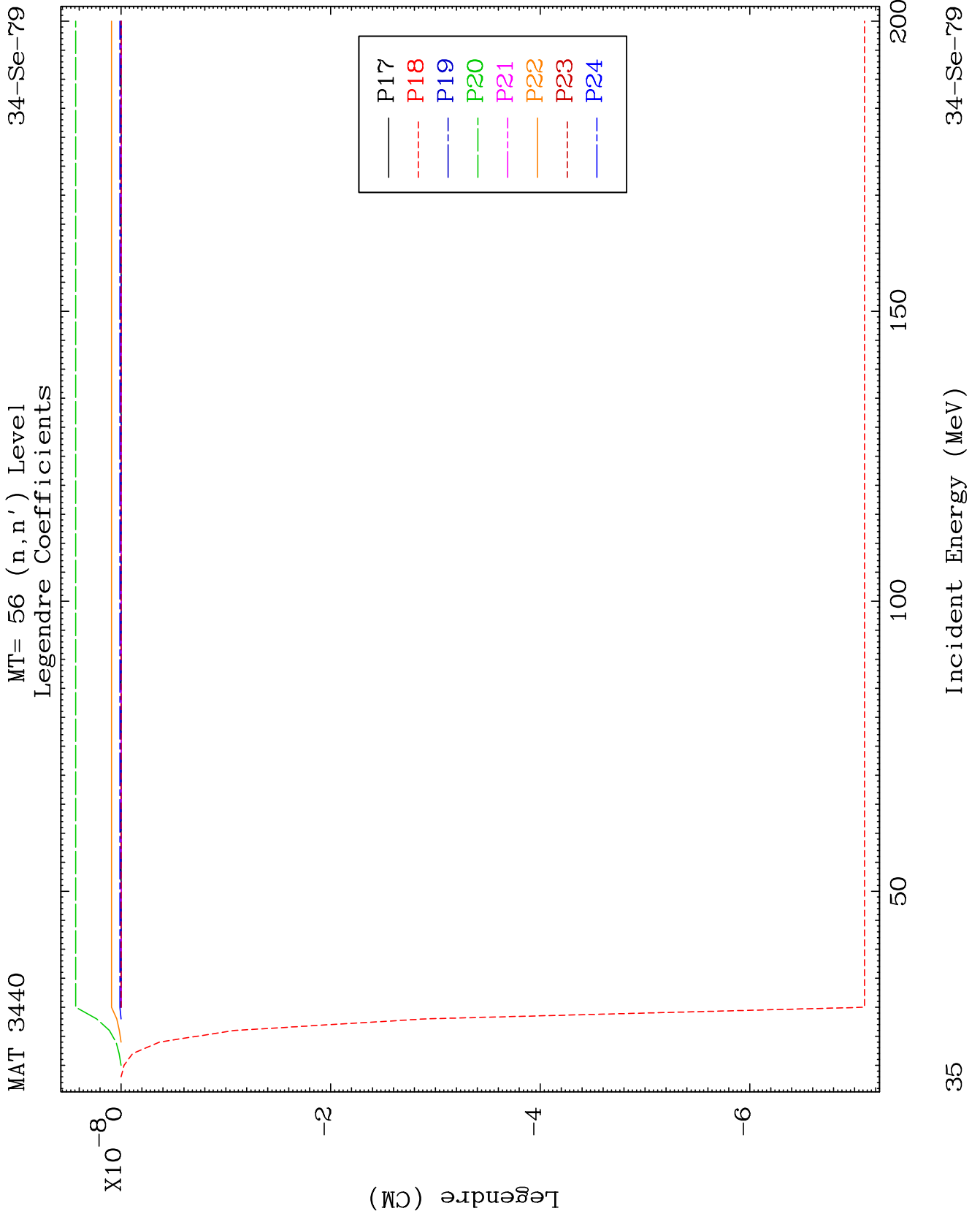


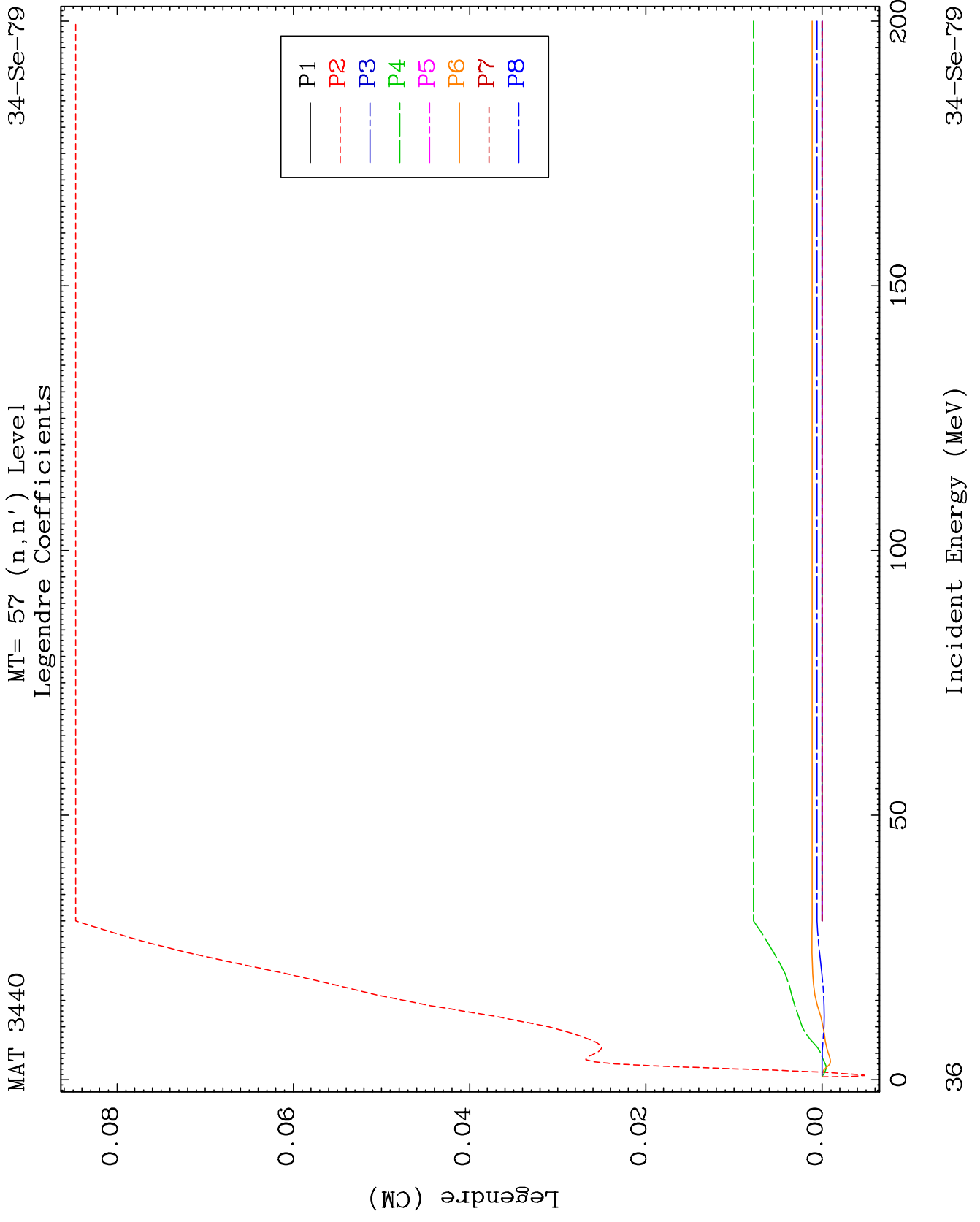








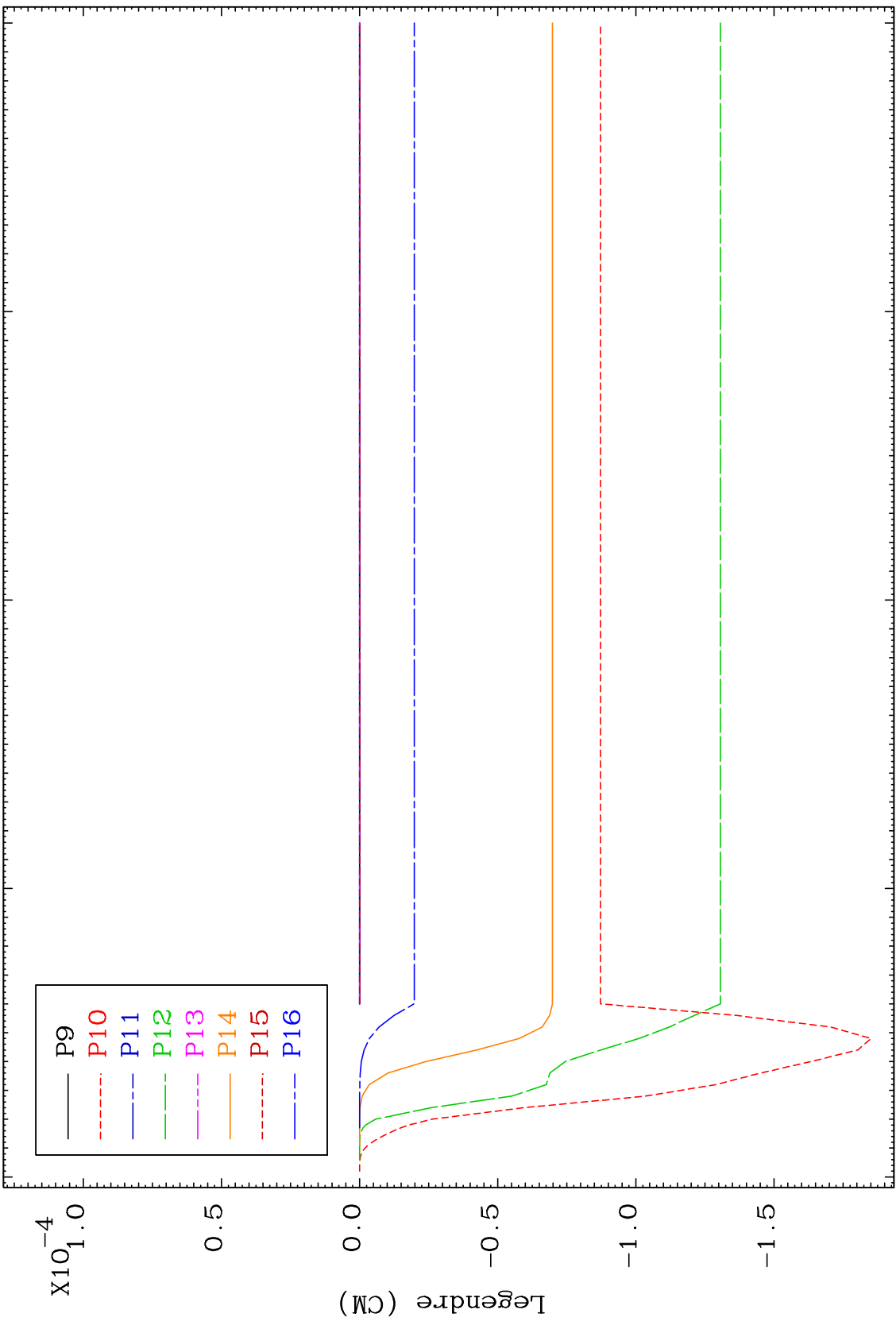
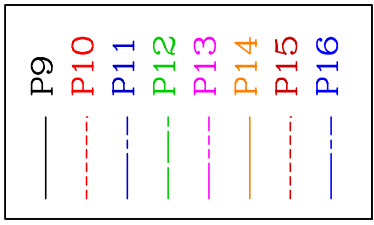




MAT 3440

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

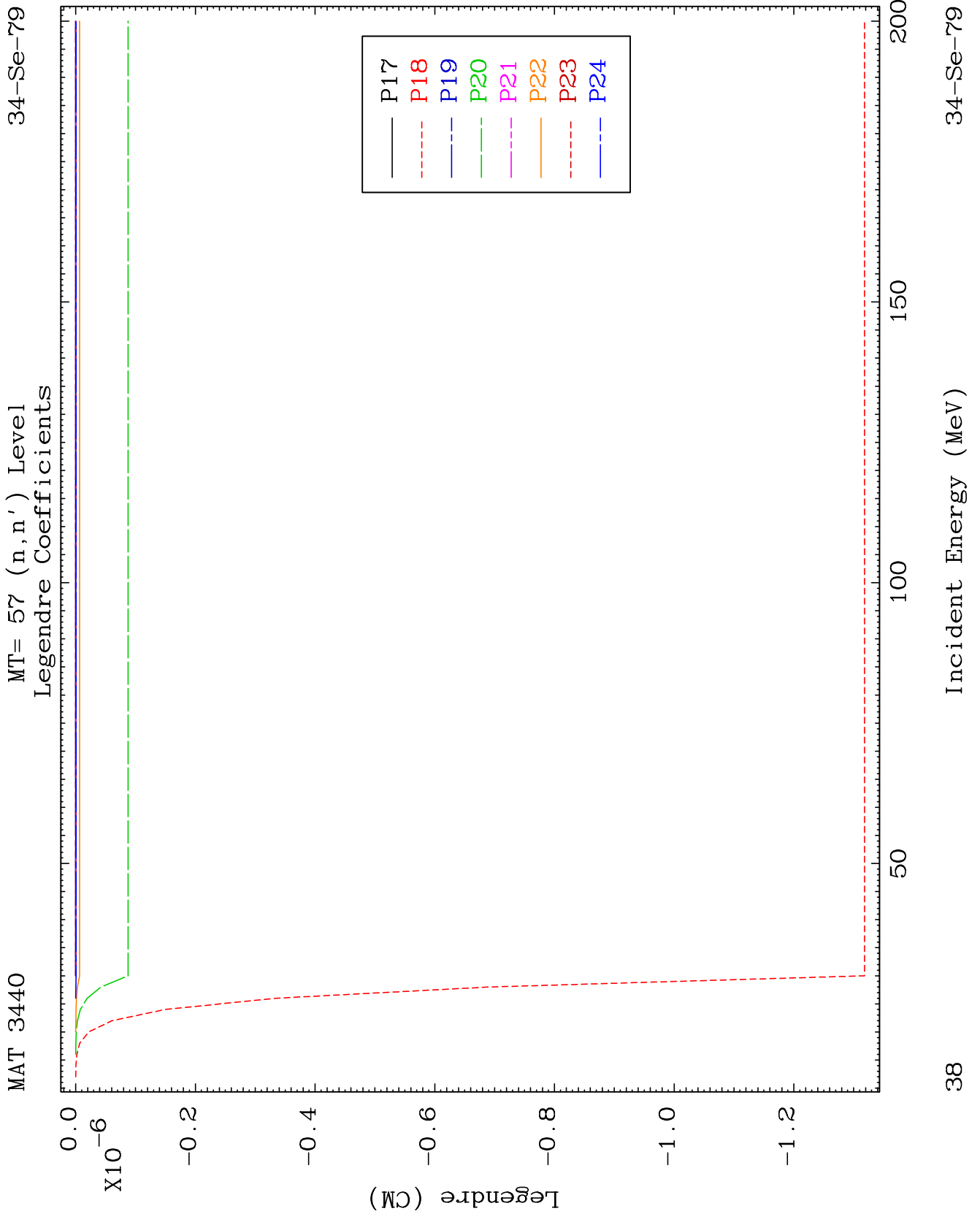
34-Se-79

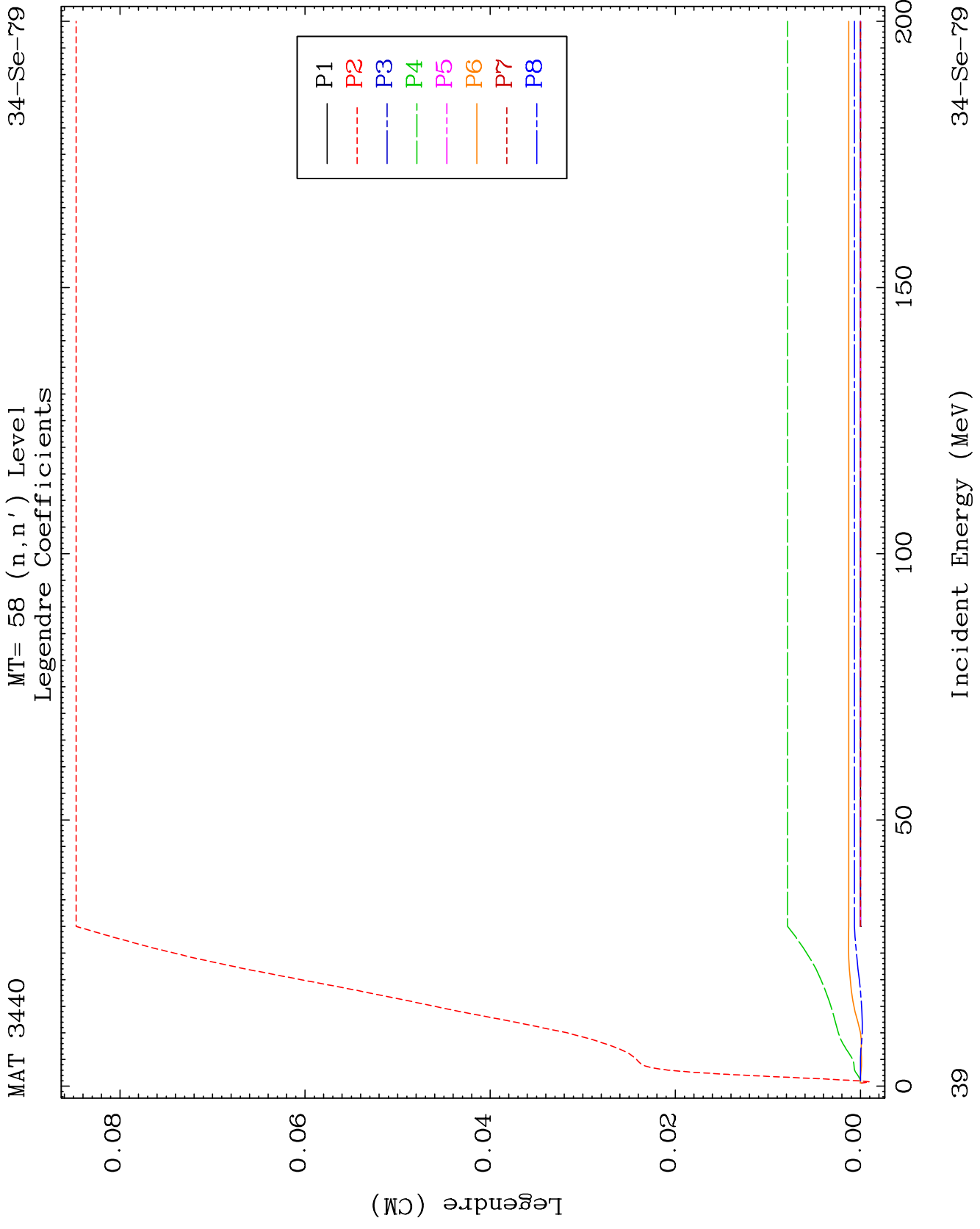


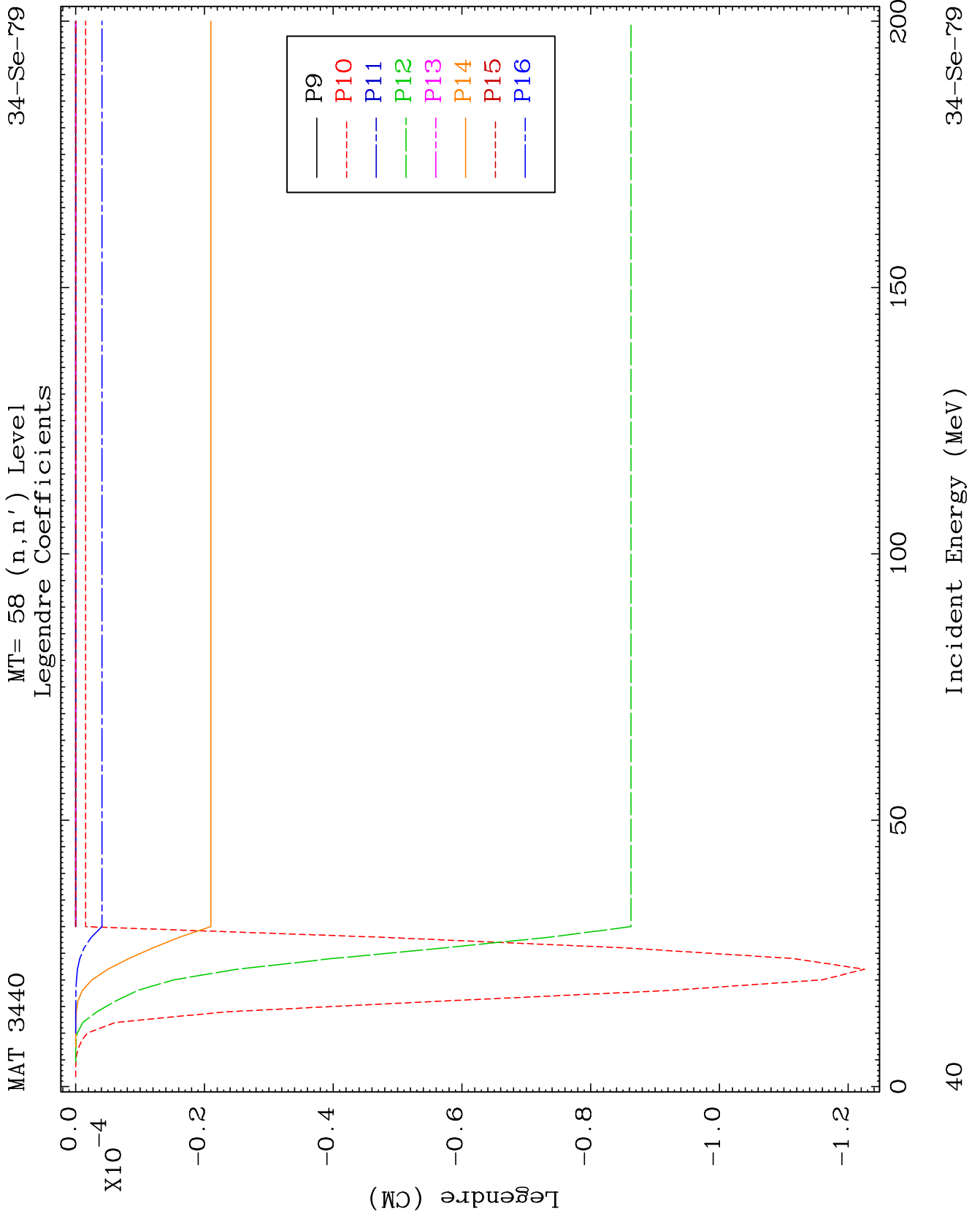
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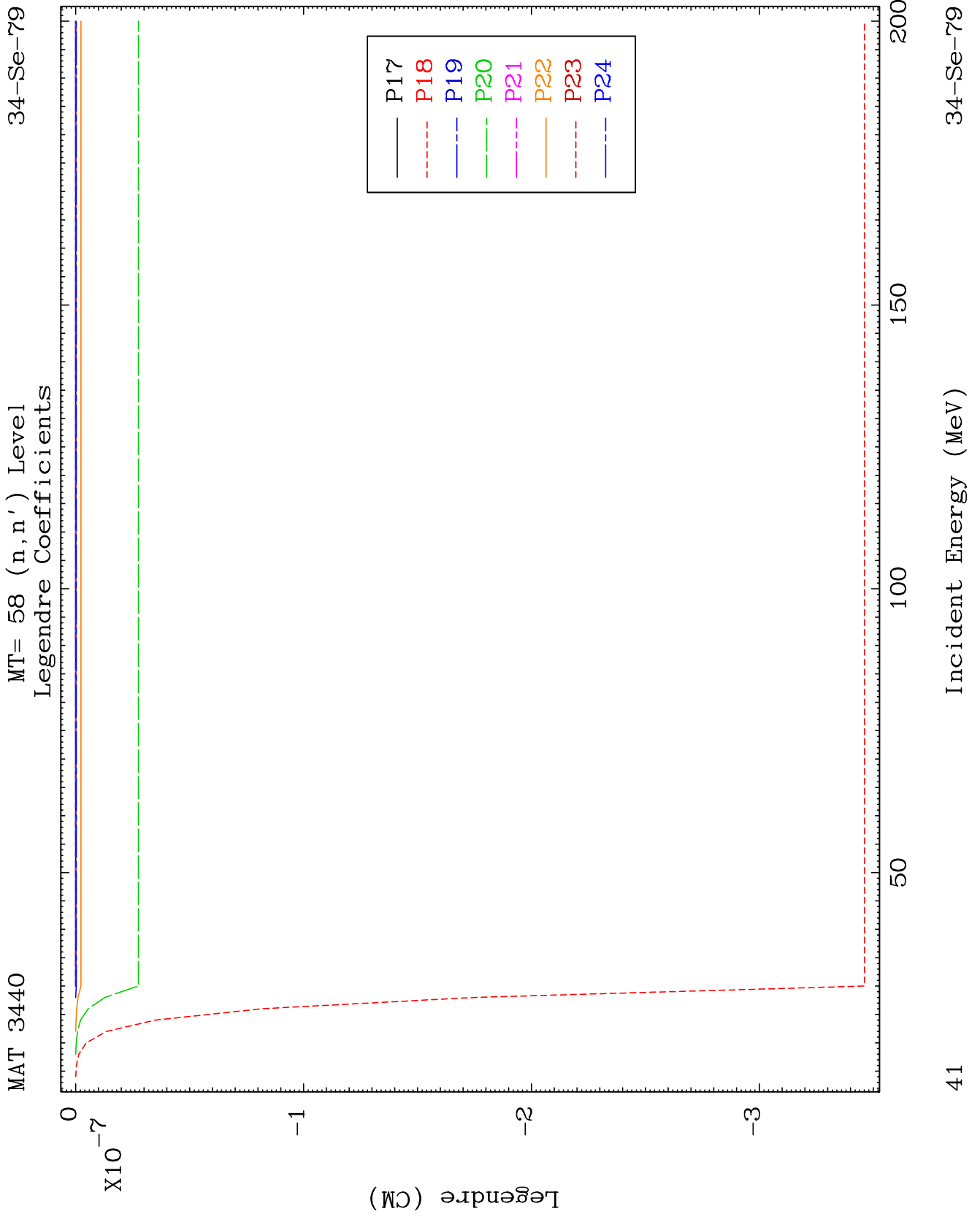
Incident Energy (MeV)

34-Se-79

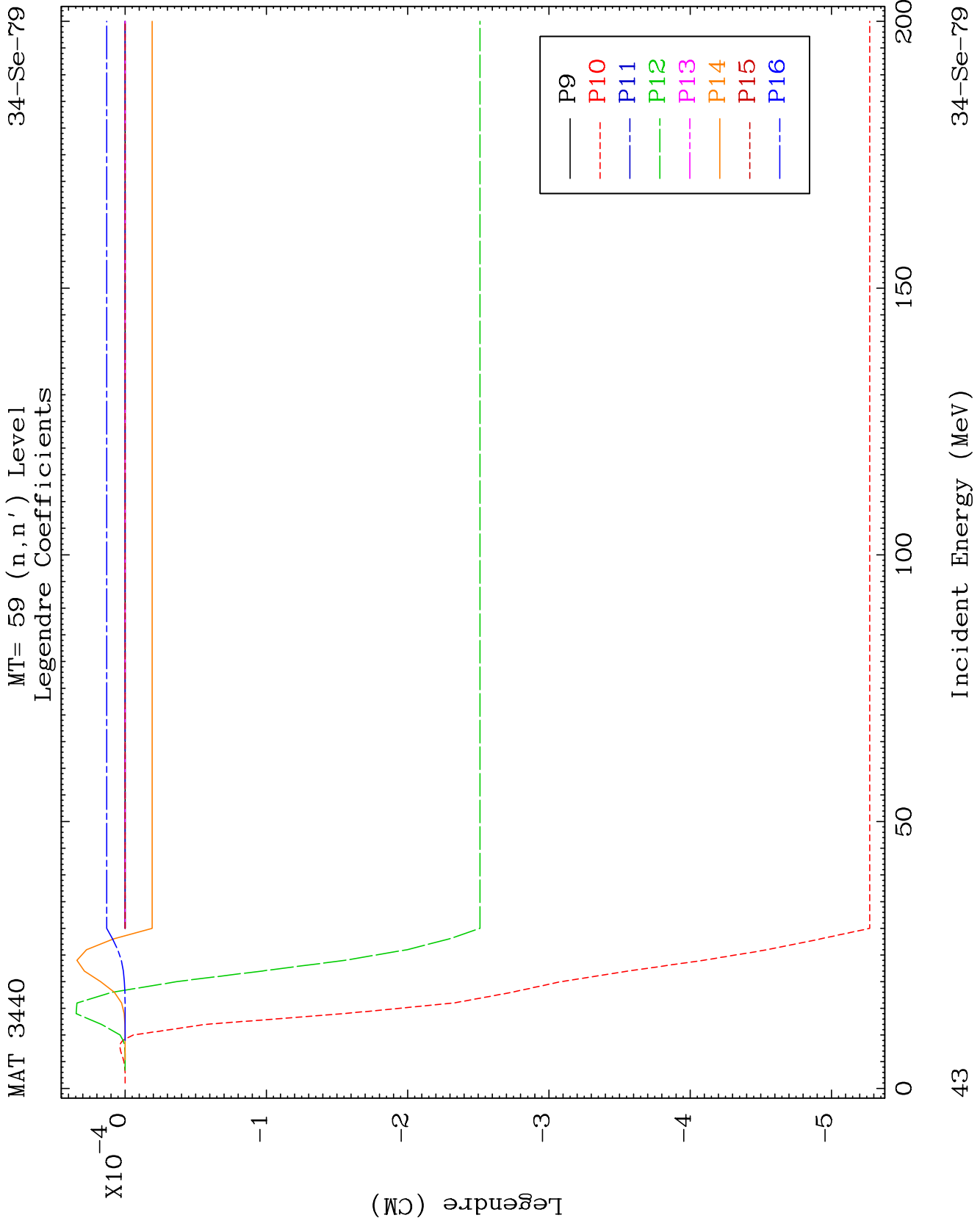


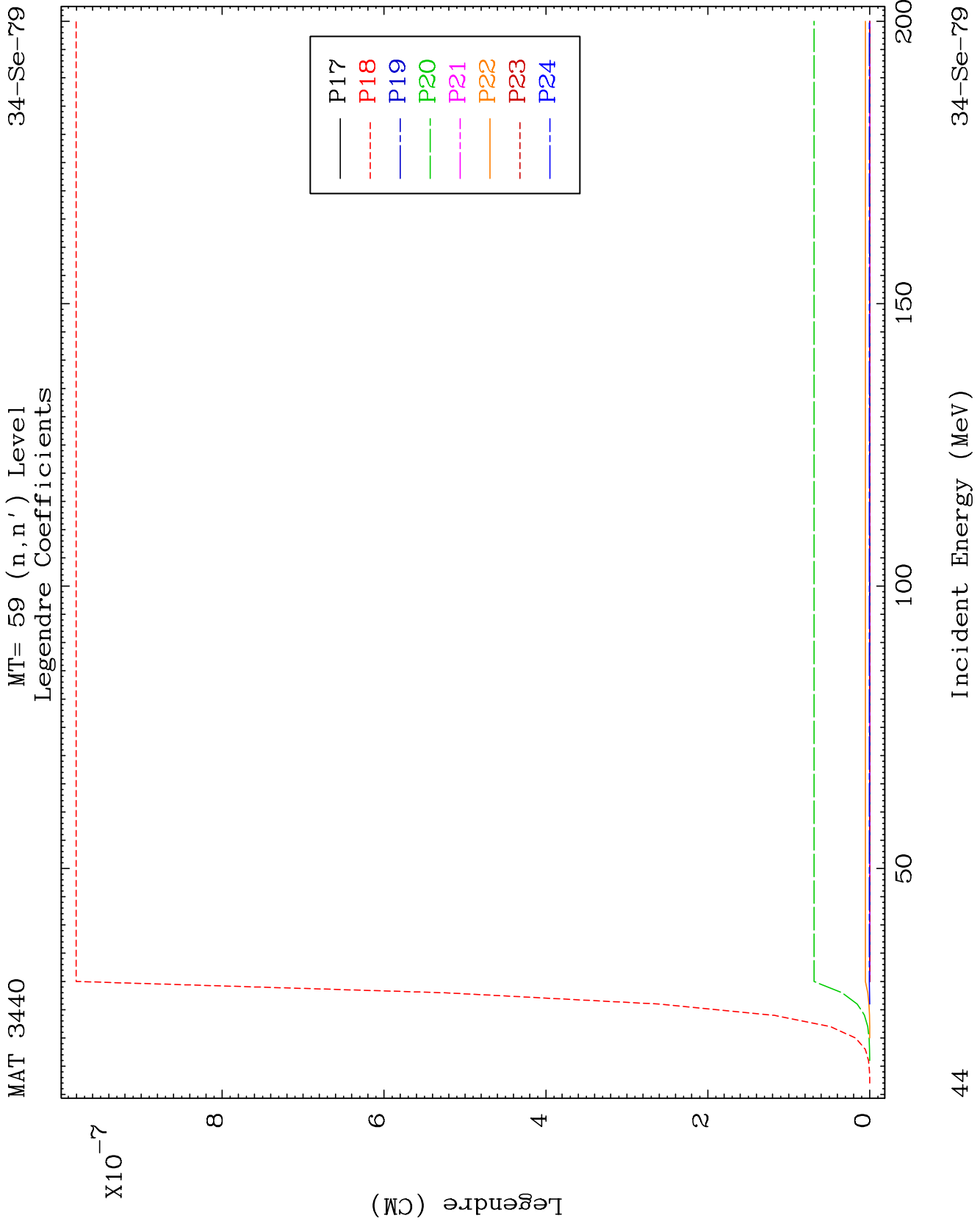










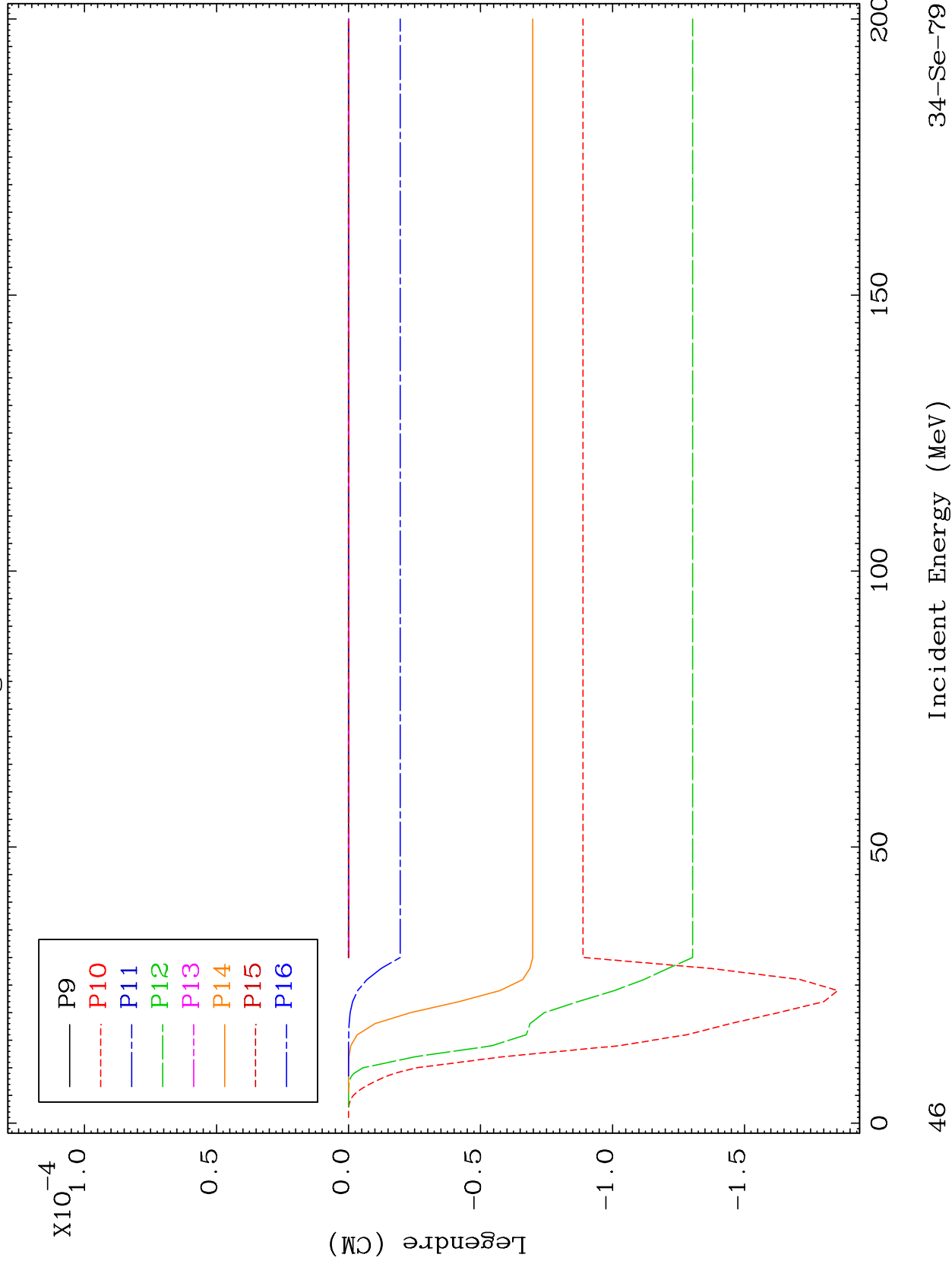




MAT 3440

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

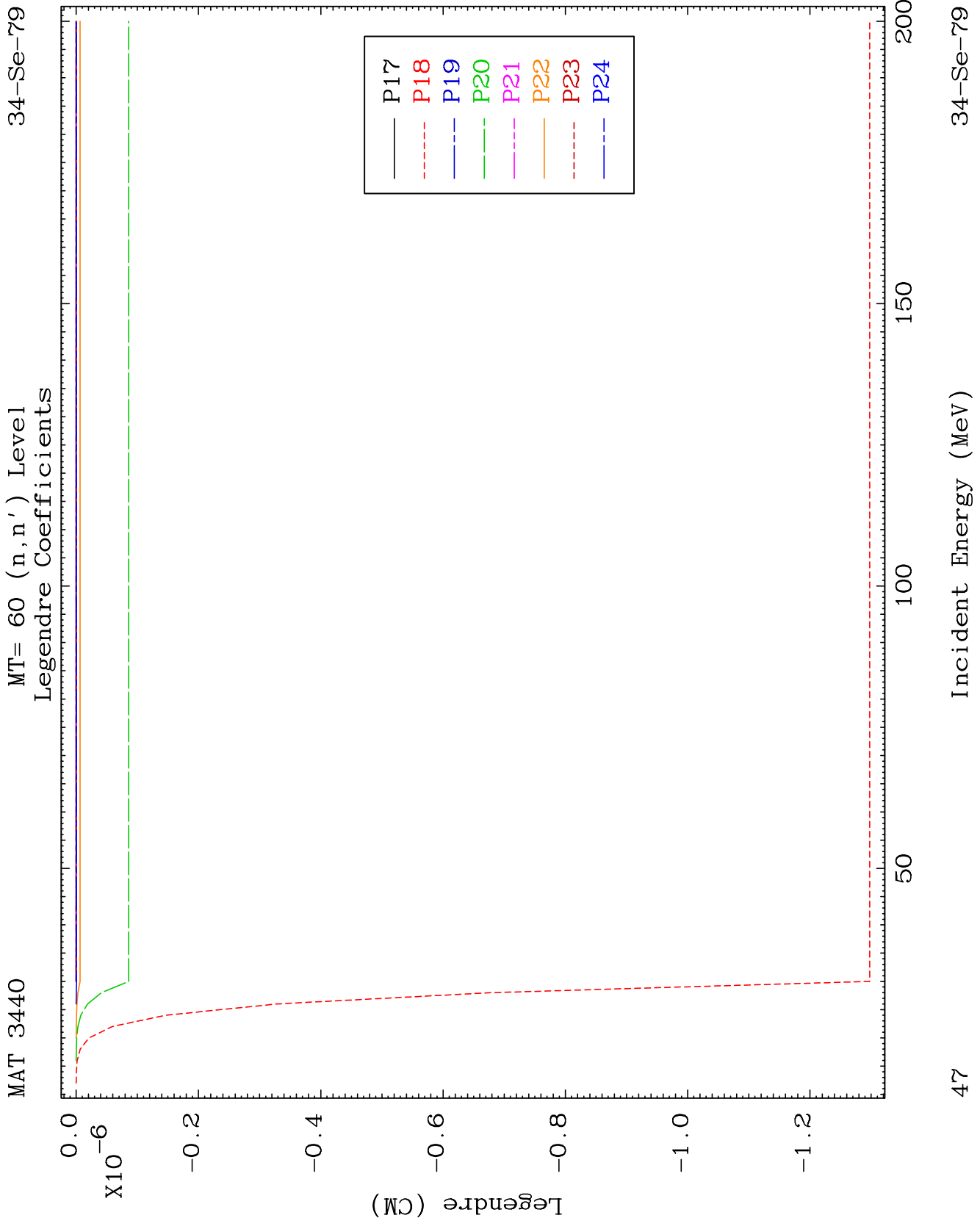
<sup>34</sup>Se-79



46

Incident Energy (MeV)

<sup>34</sup>Se-79

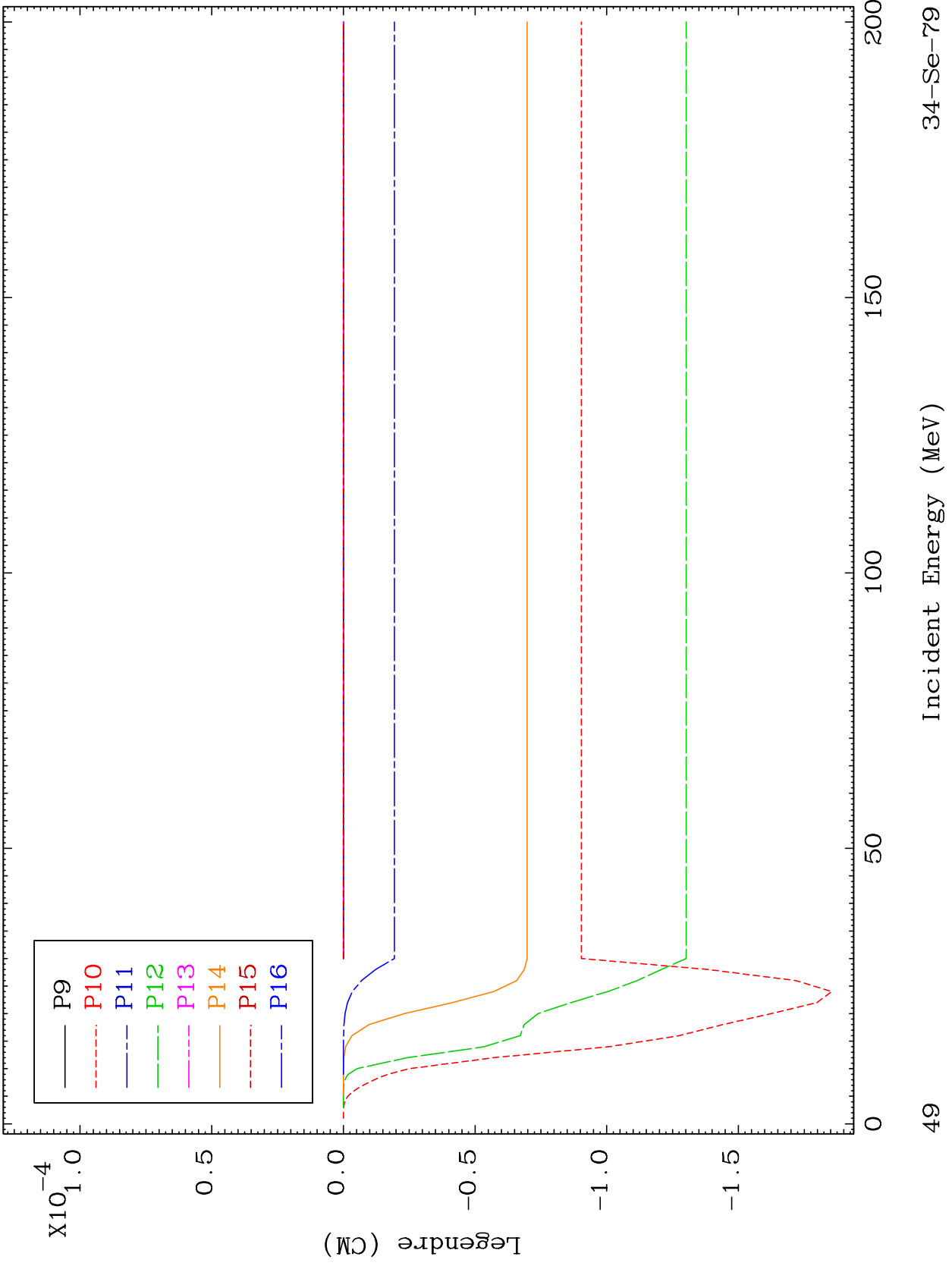




MAT 3440

MT= 61 (n,n') Level  
Legendre Coefficients

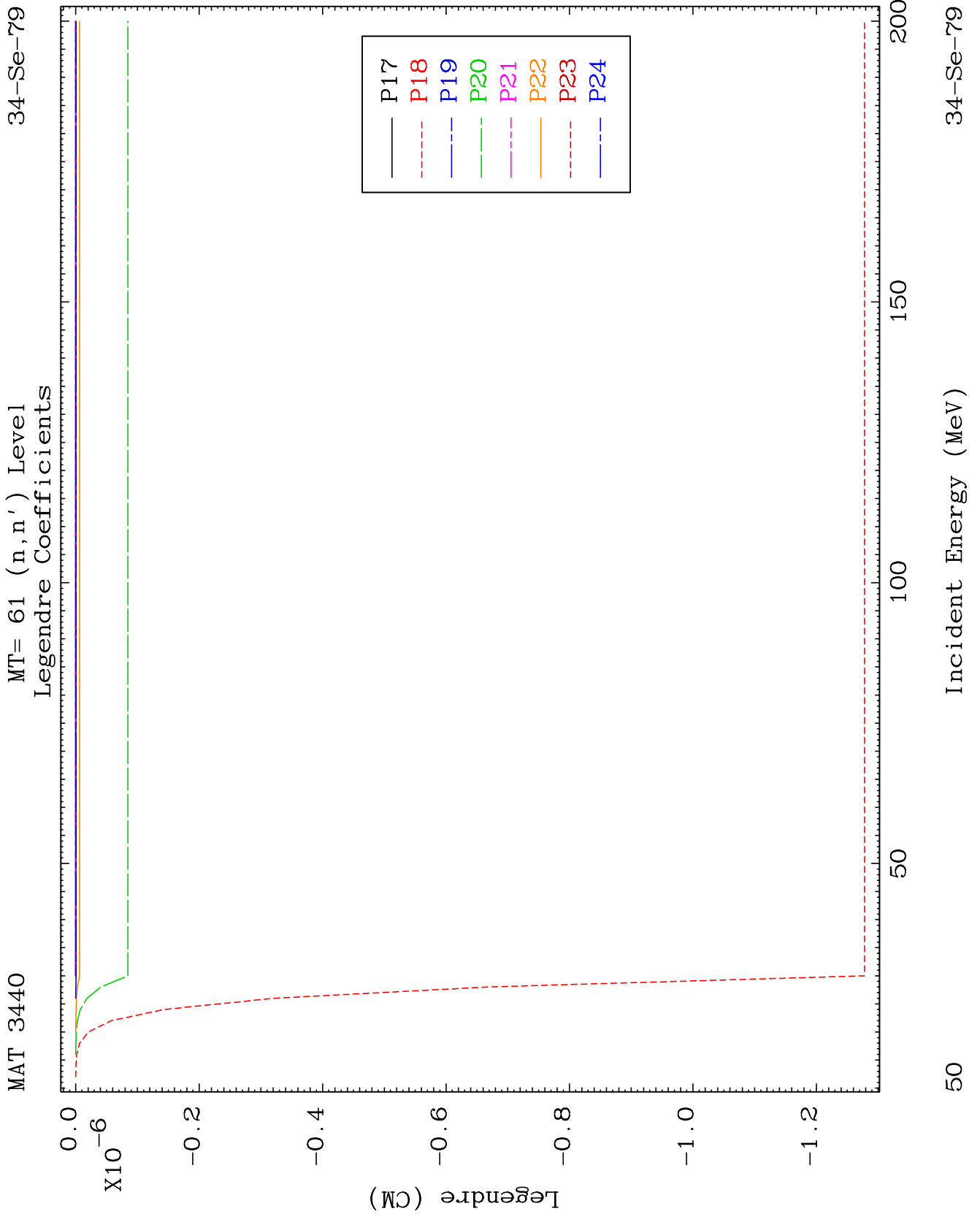
34-Se-79



49

Incident Energy (MeV)

34-Se-79

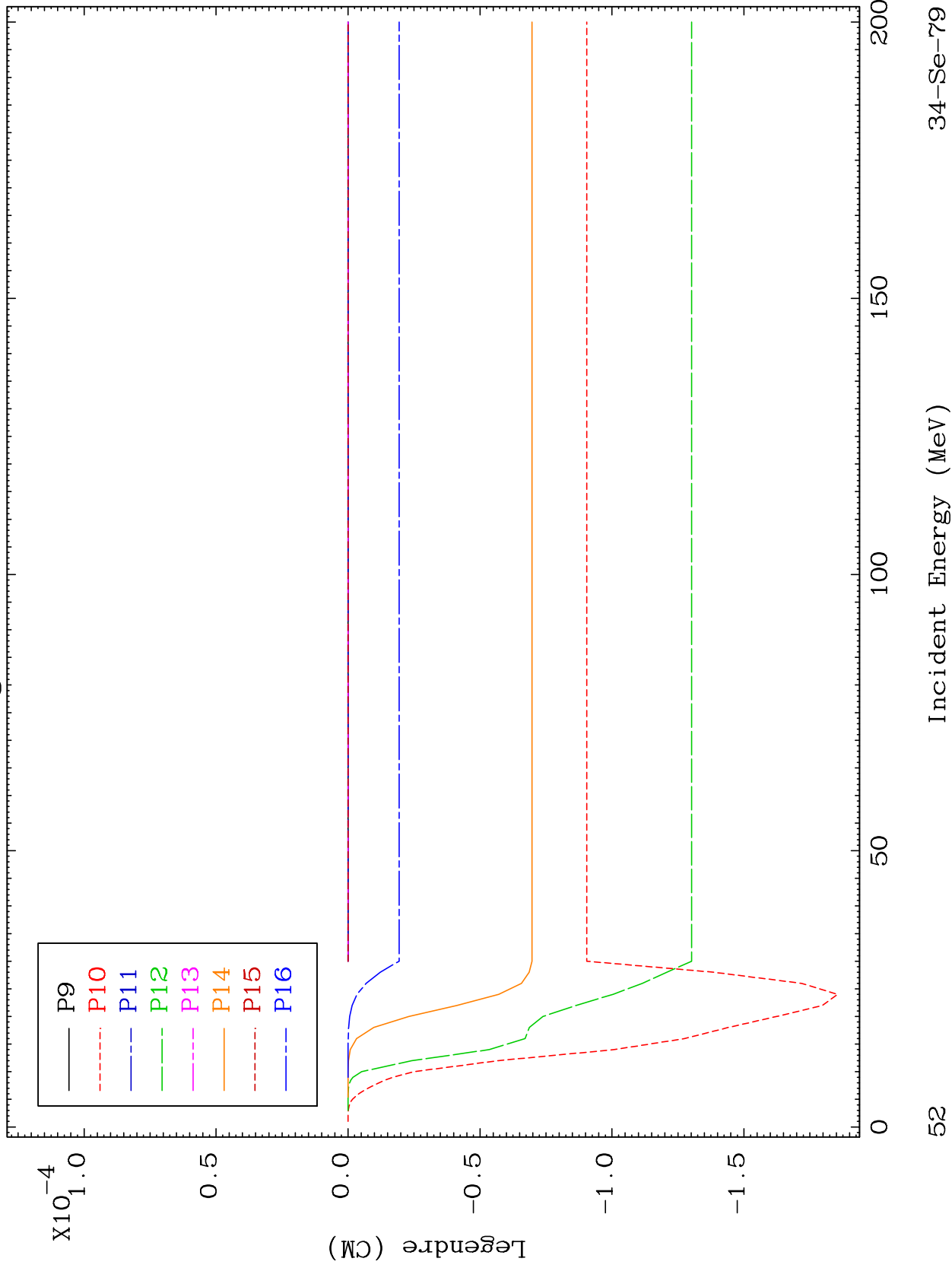




MAT 3440

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

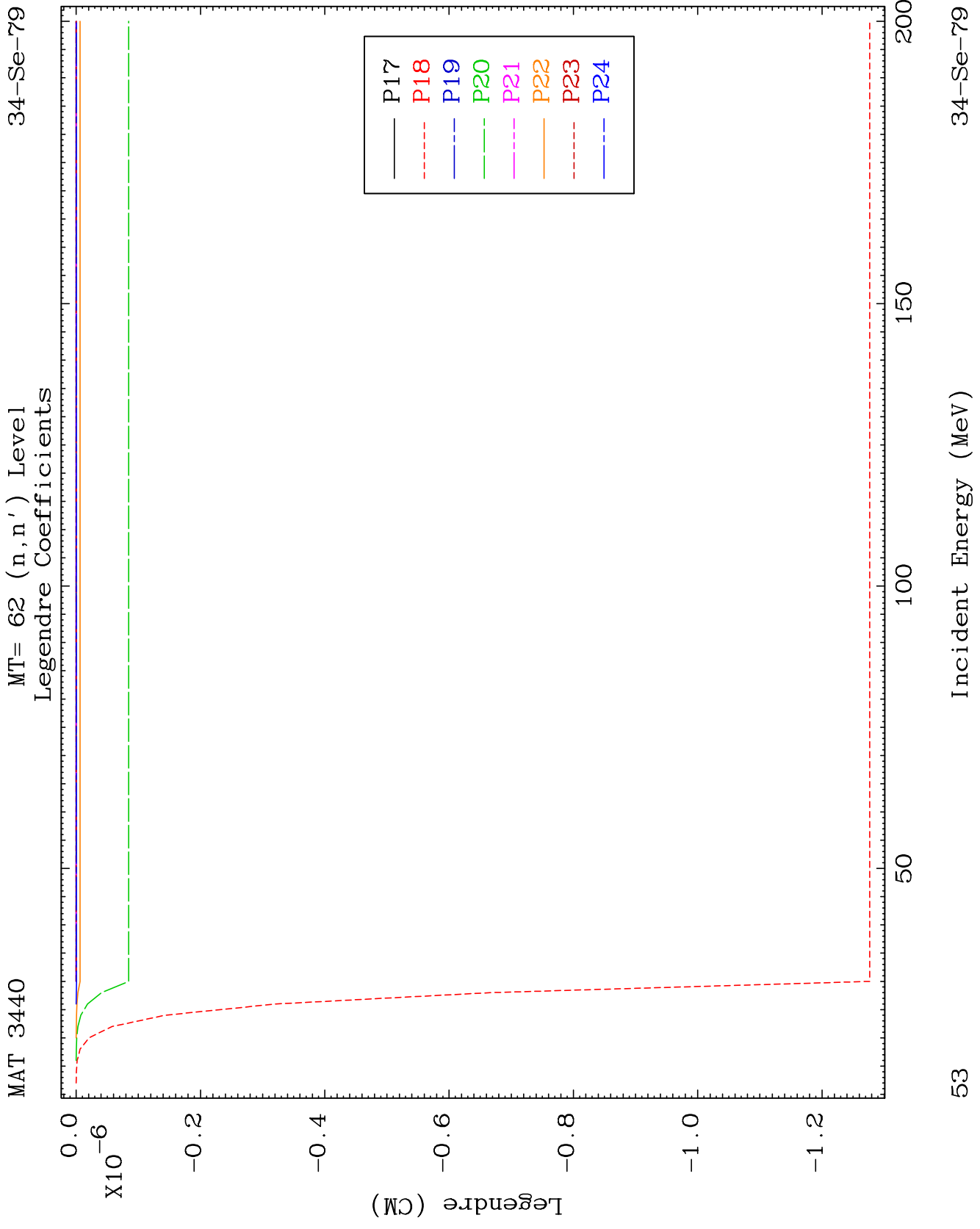
34-Se-79



52

Incident Energy (MeV)

34-Se-79

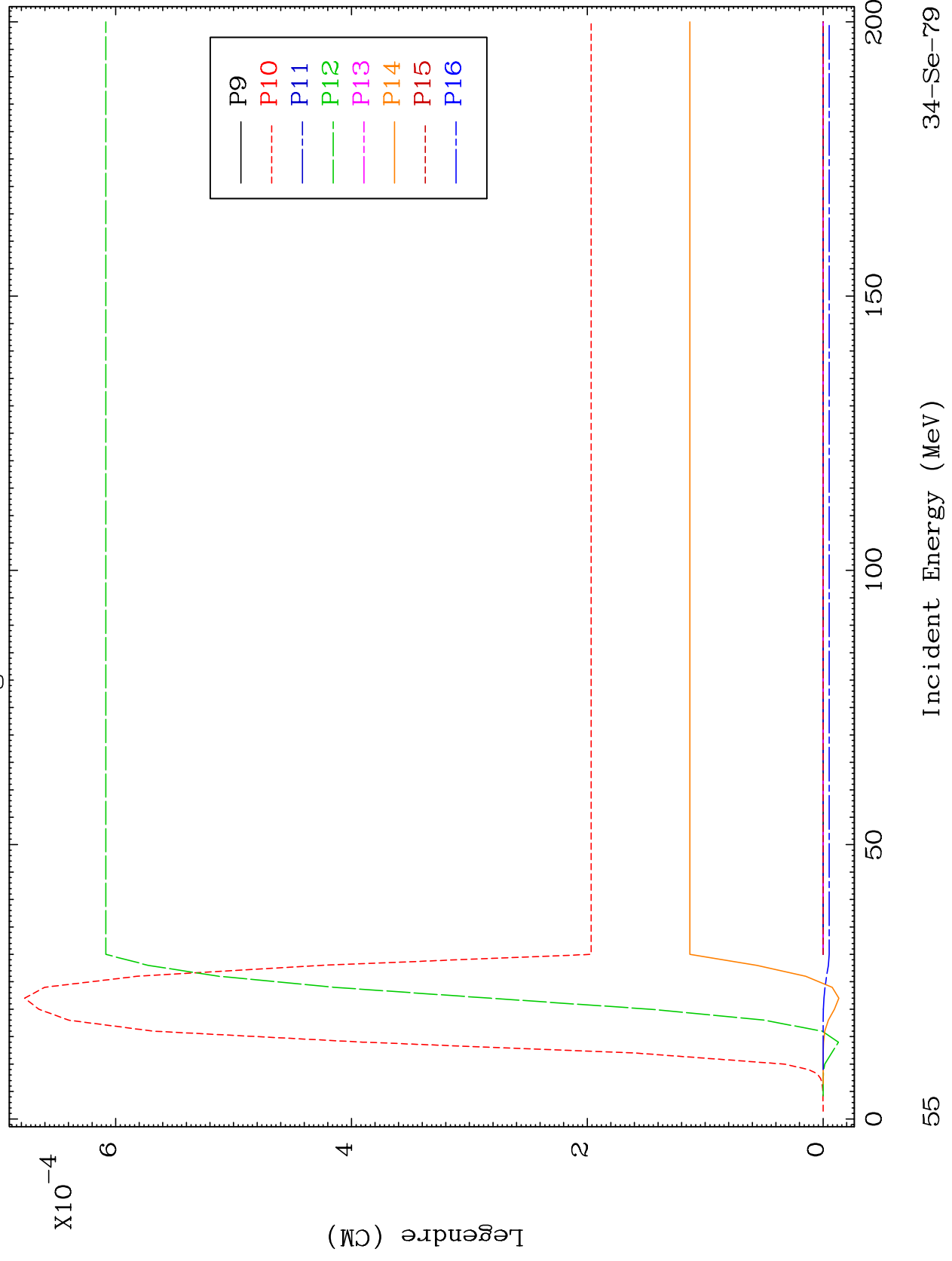


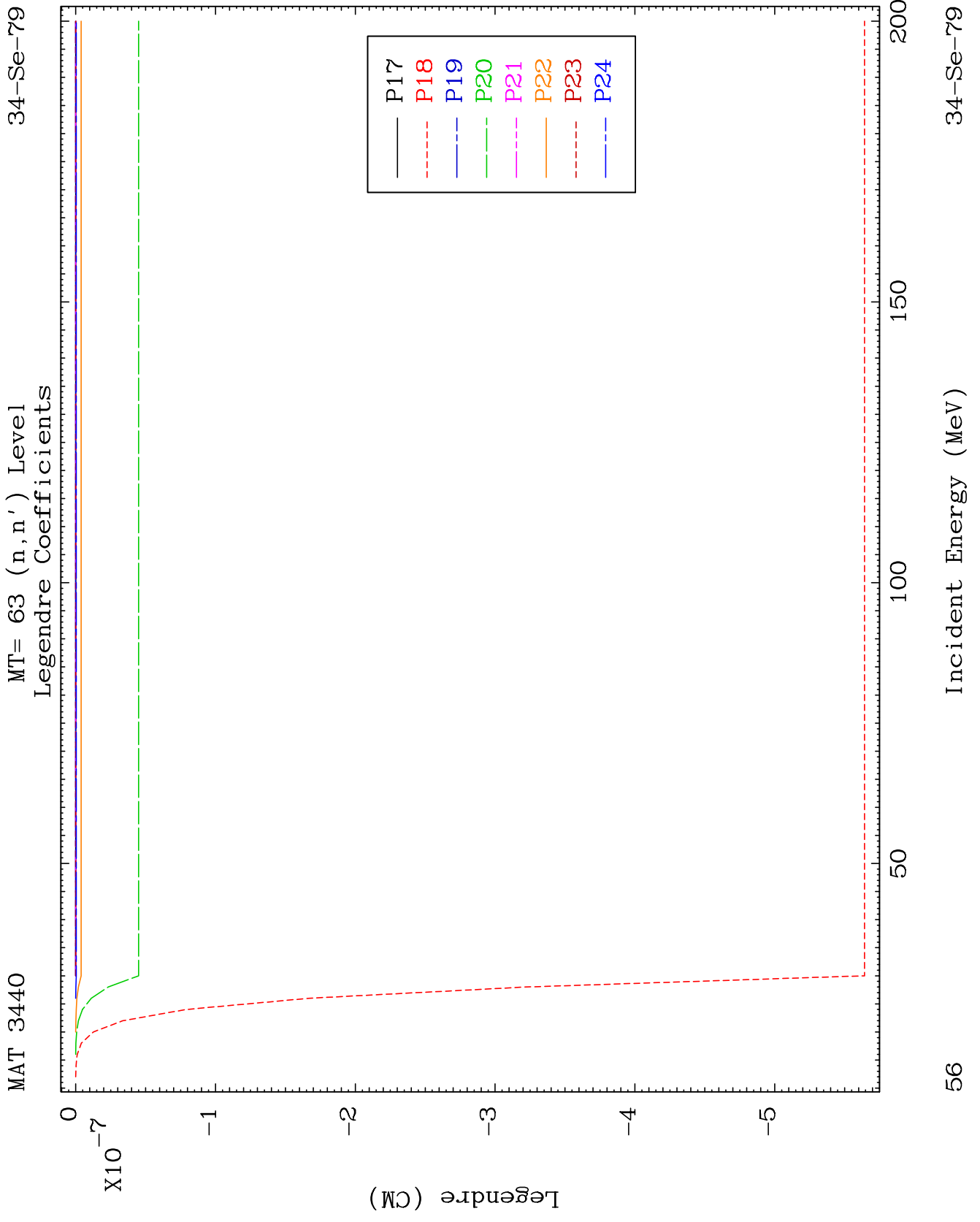


MAT 3440

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

<sup>34</sup>Se-79

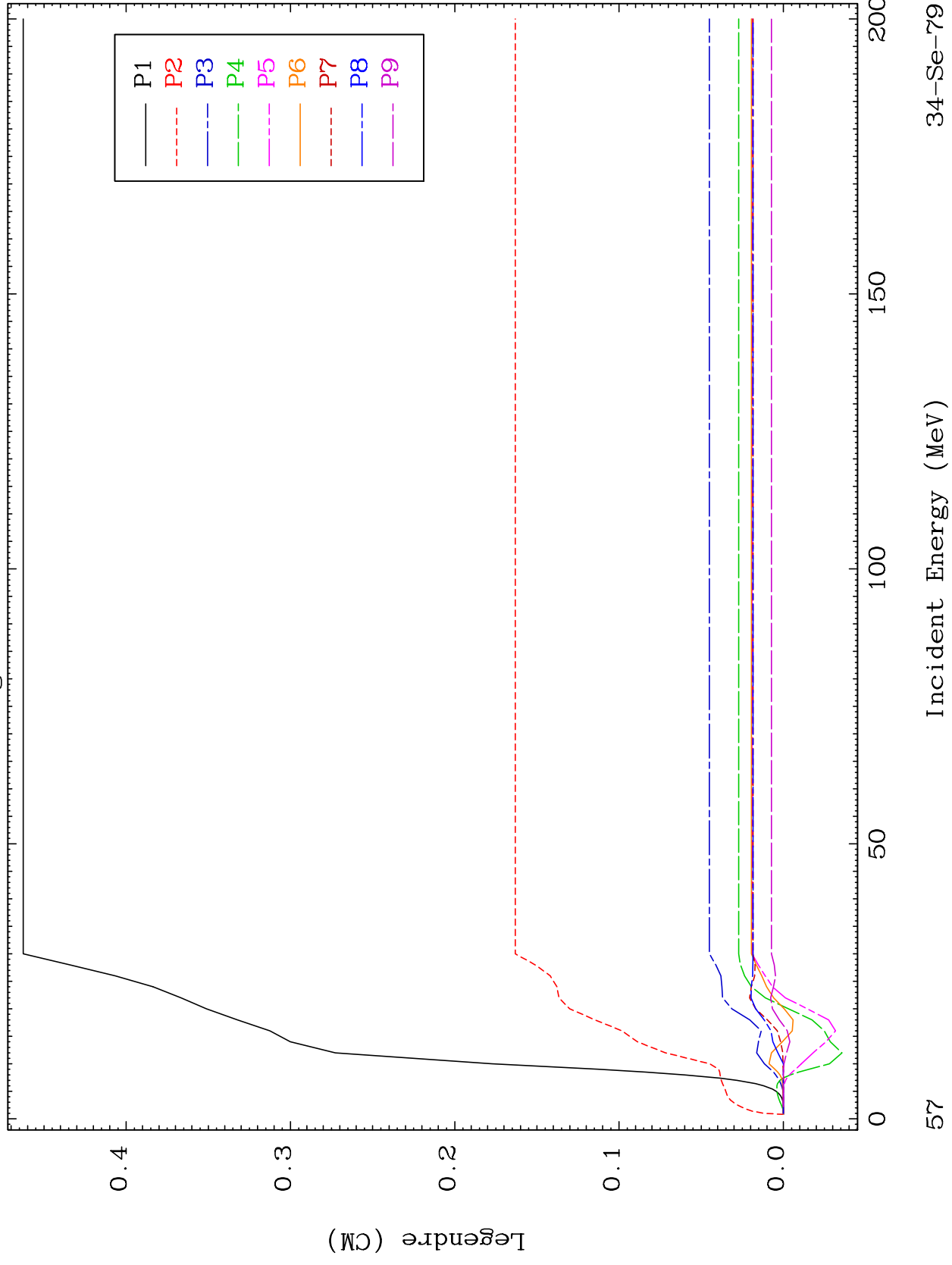




MAT 3440

MT= 64 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-79



<sup>34</sup>Se-79

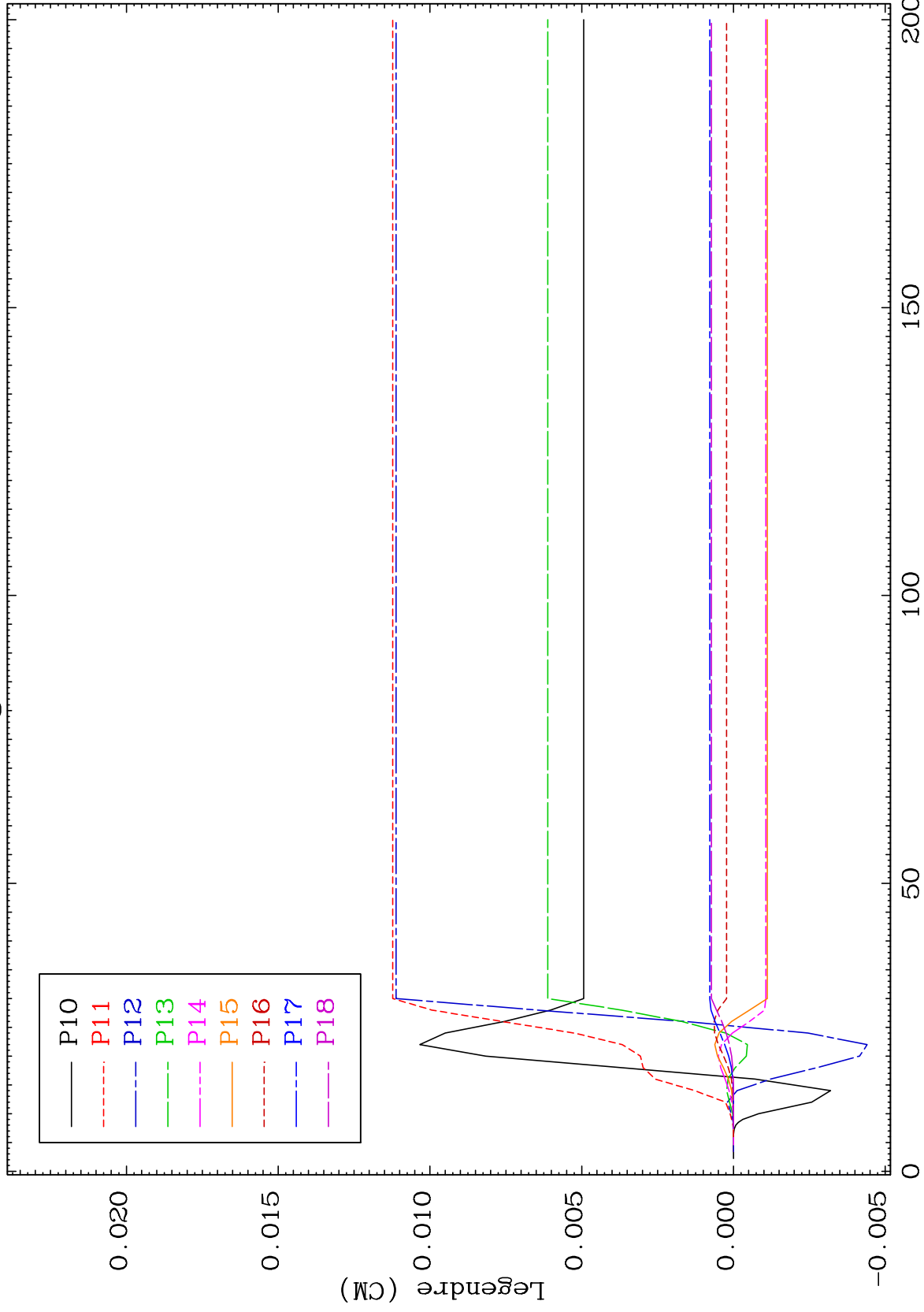
Incident Energy (MeV)

57

MAT 3440

MT= 64 (n,n') Level  
Legendre Coefficients

34-Se-79



58

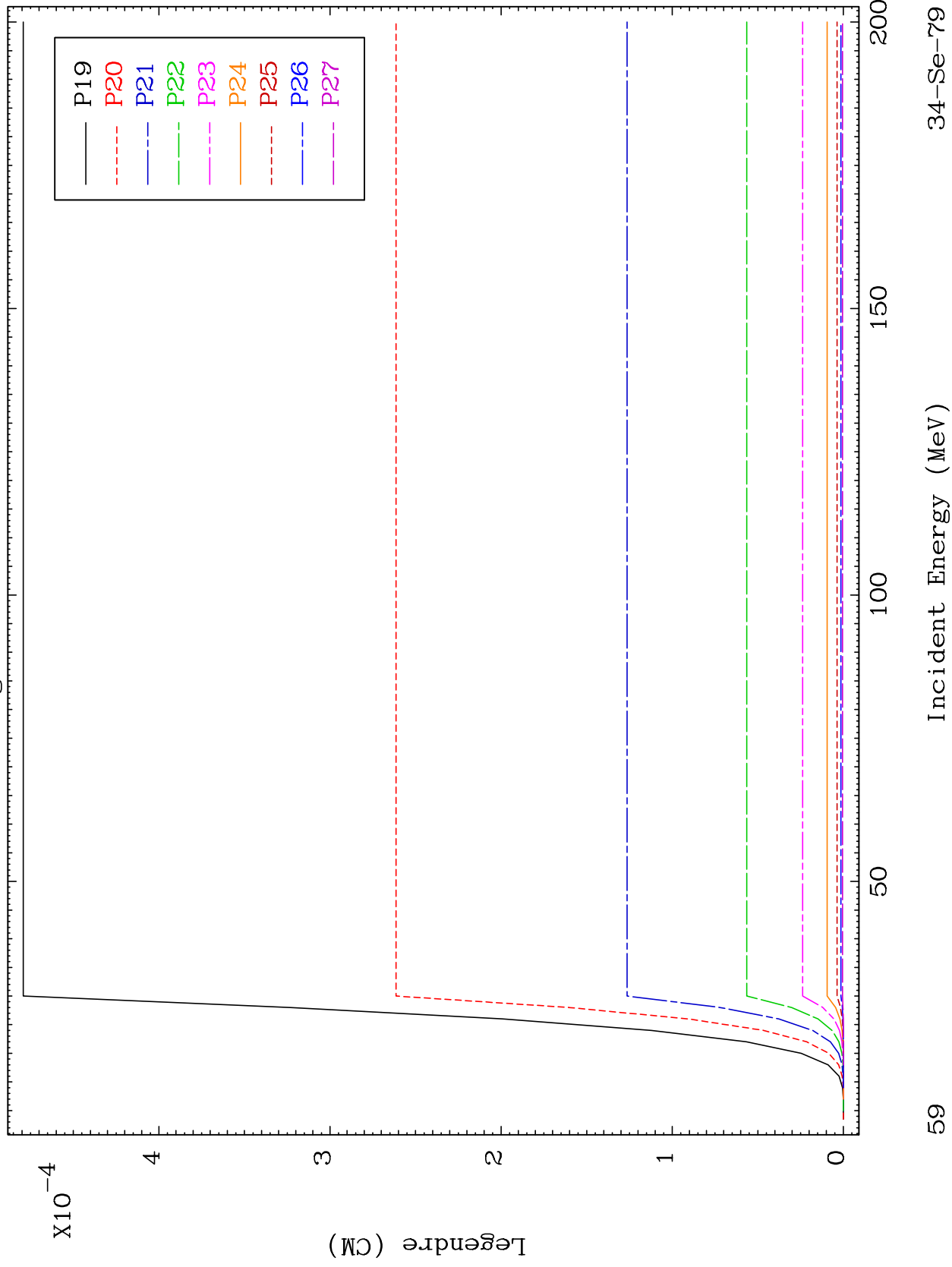
Incident Energy (MeV)

34-Se-79

MAT 3440

MT= 64 (n,n') Level  
Legendre Coefficients

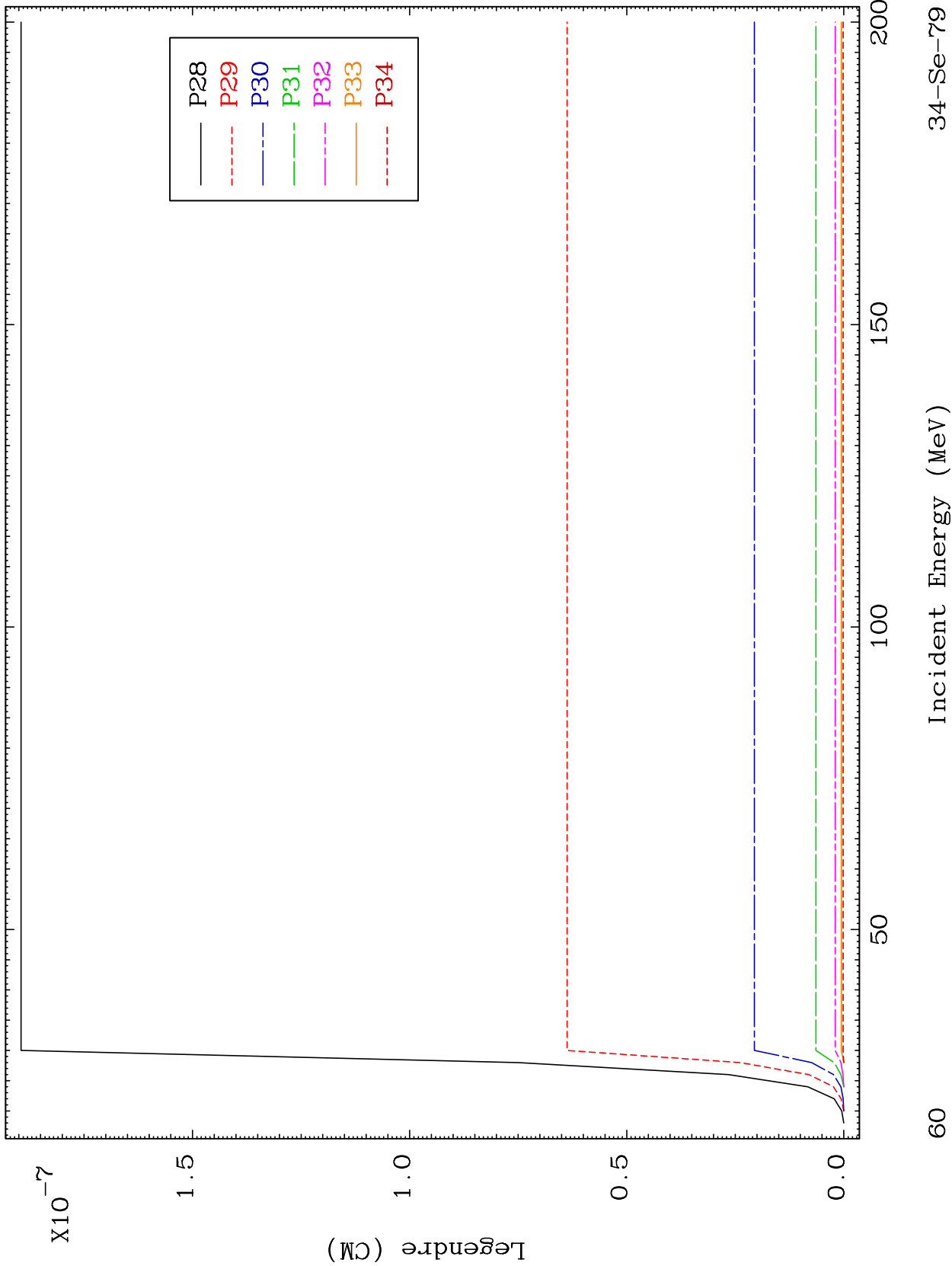
34-Se-79



MAT 3440

MT= 64 (n,n') Level  
Legendre Coefficients

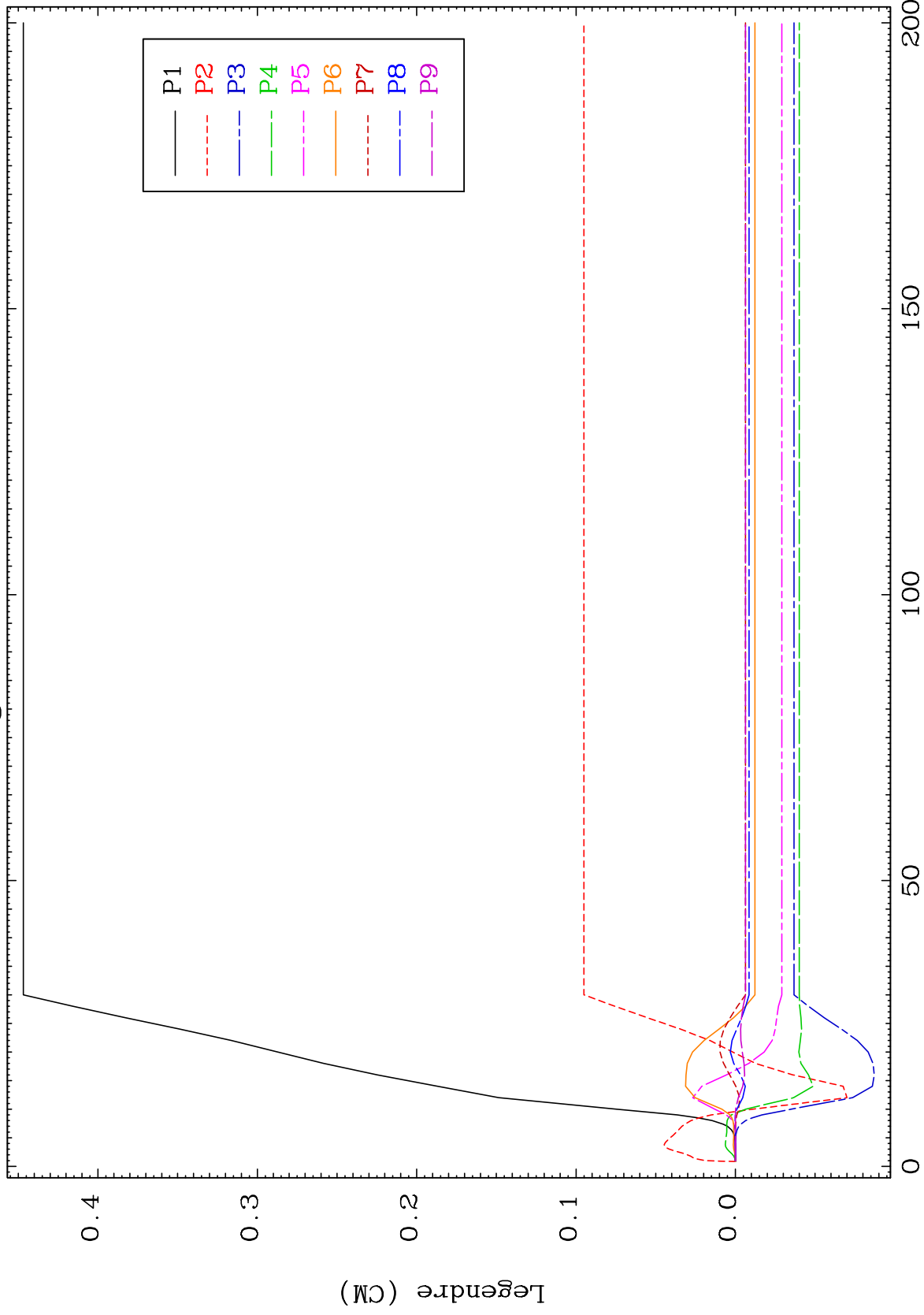
34-Se-79



MAT 3440

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

34-Se-79



34-Se-79

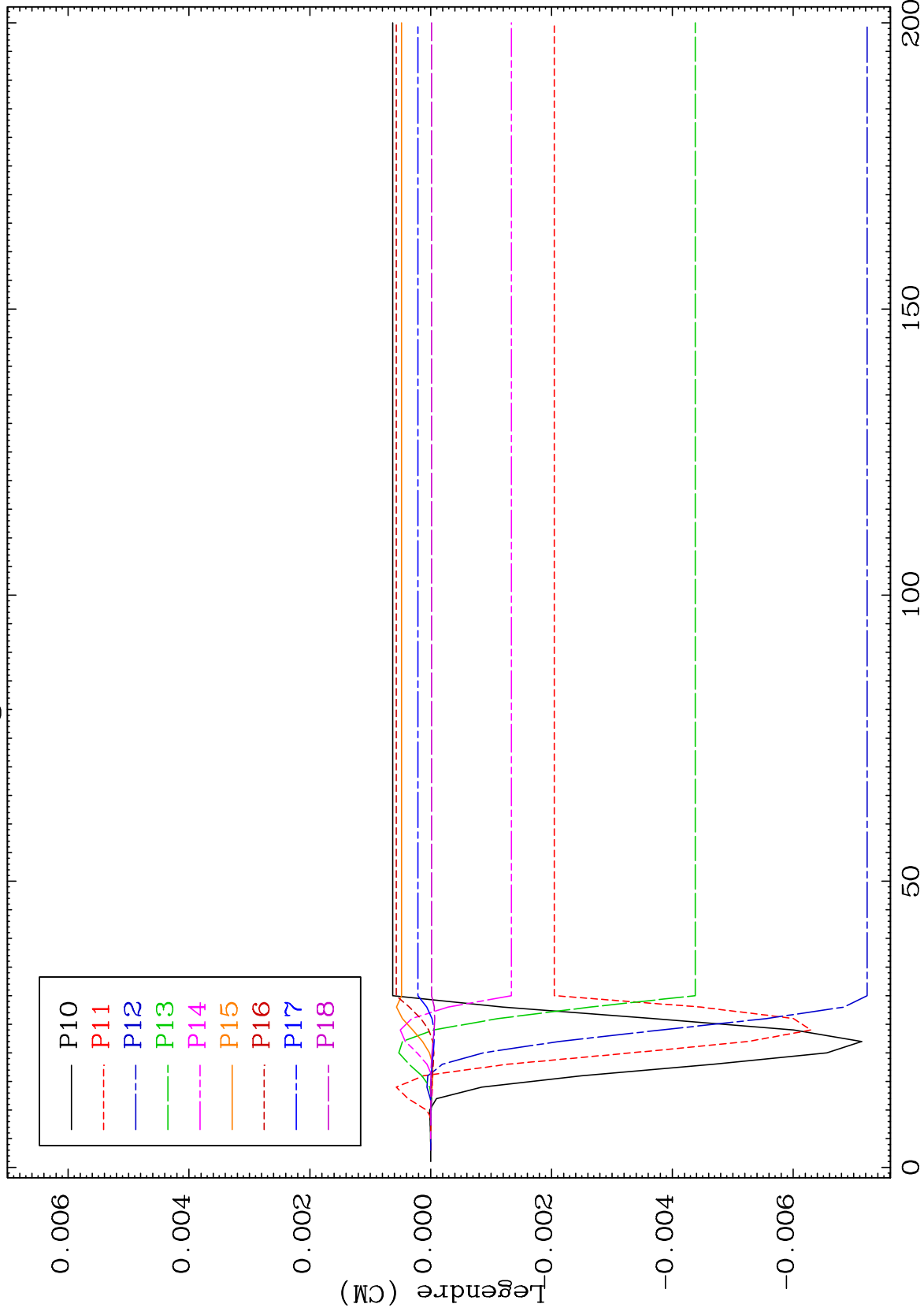
Incident Energy (MeV)

61

MAT 3440

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

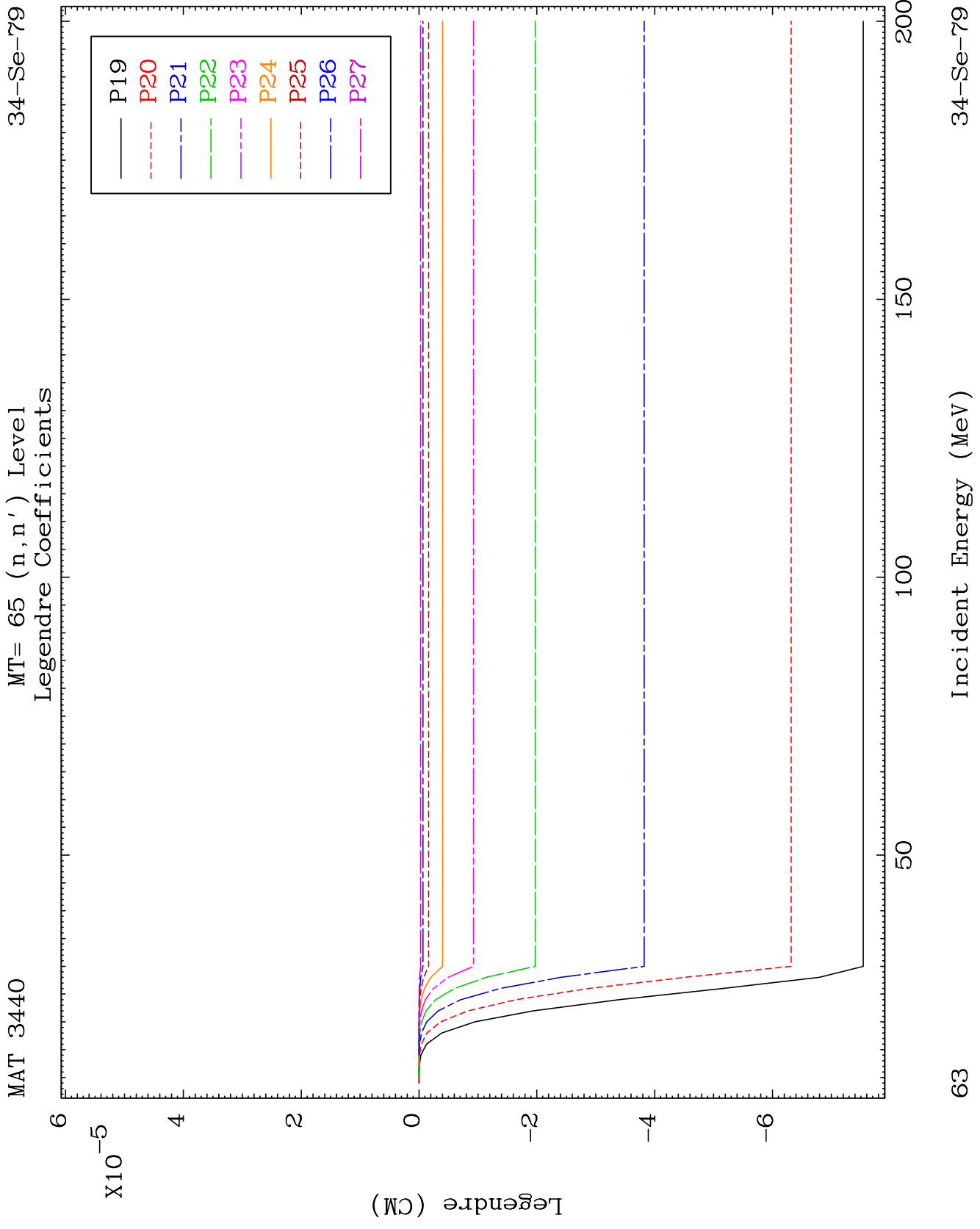
34-Se-79

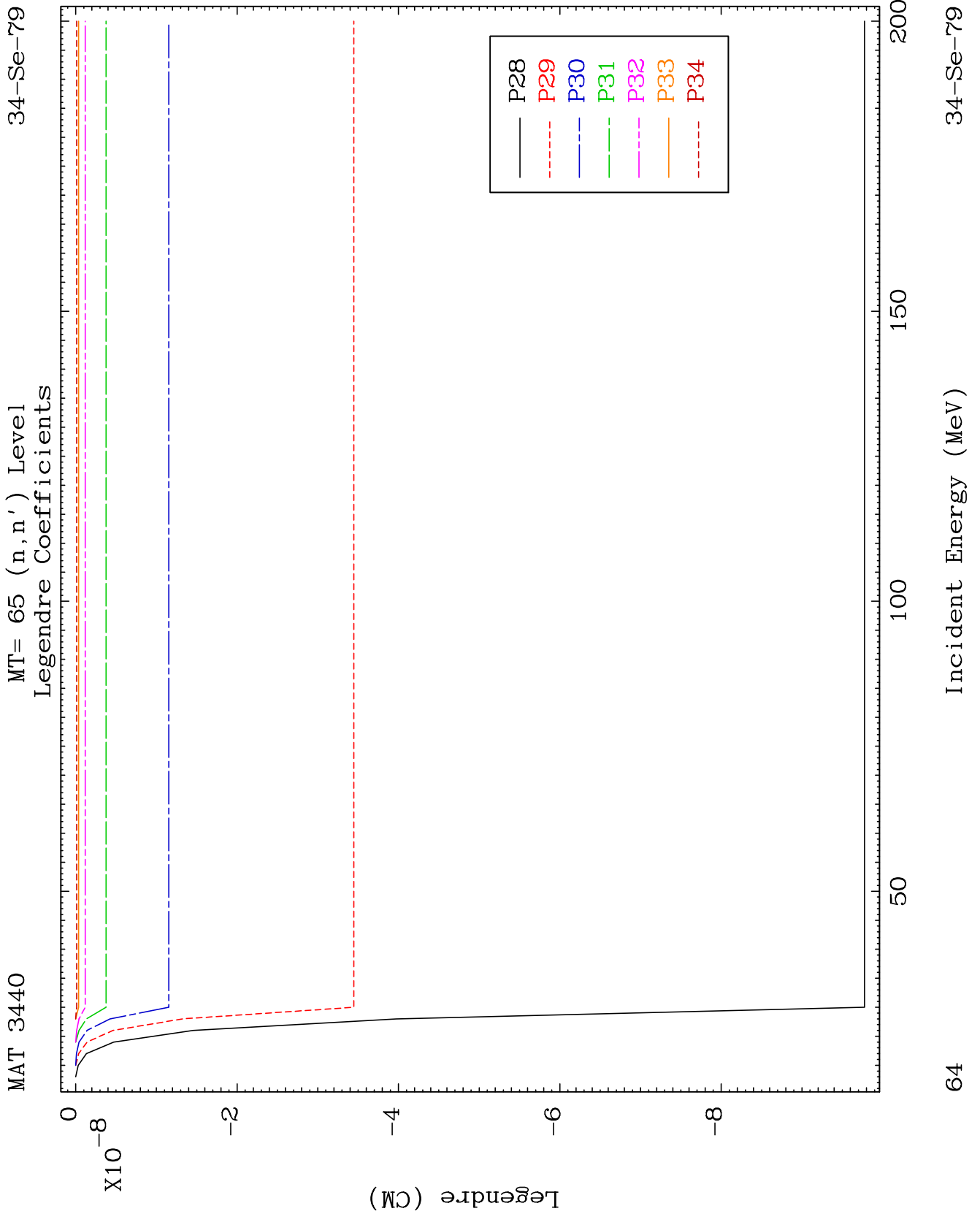


62

Incident Energy (MeV)

34-Se-79

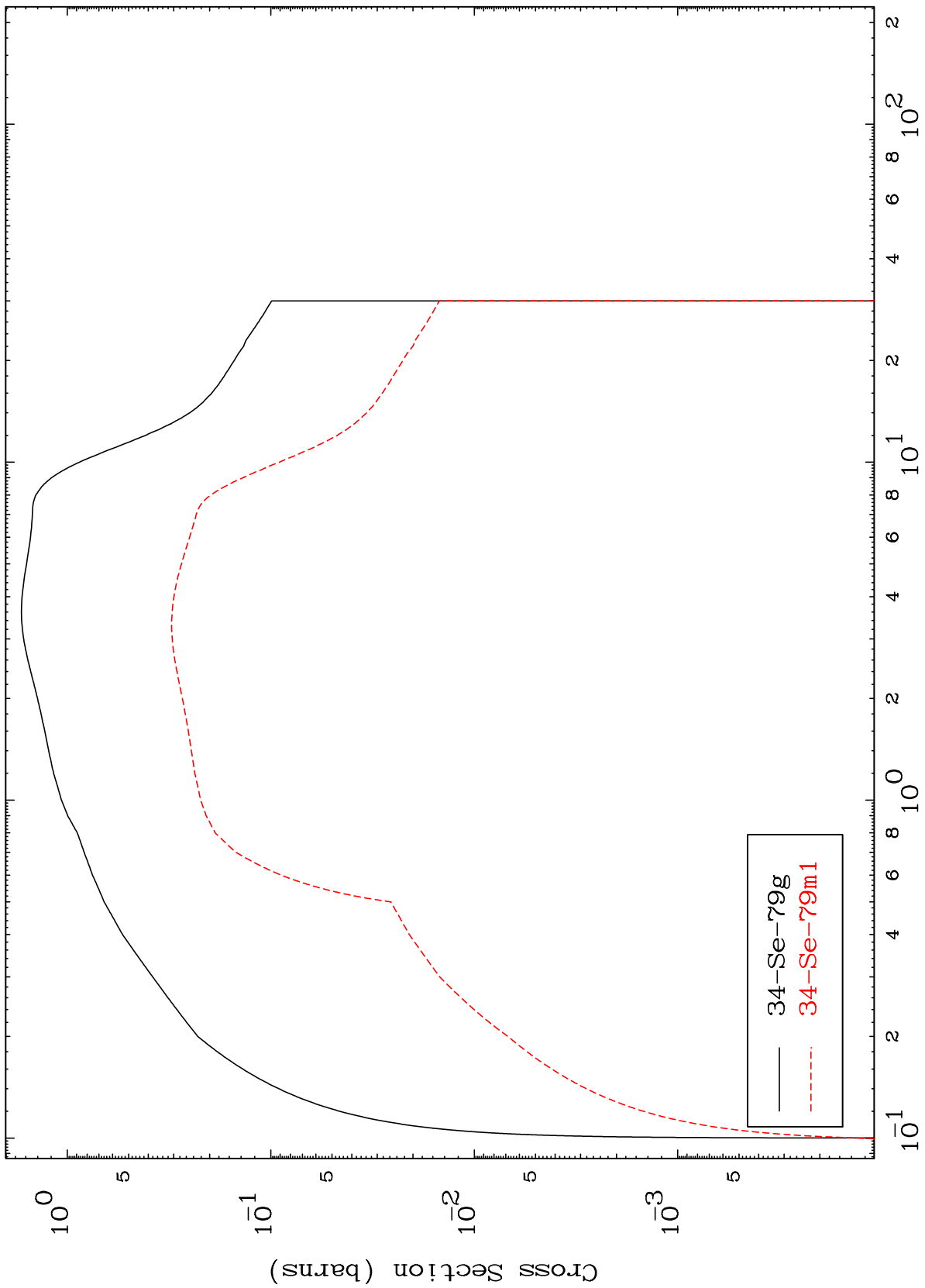




MAT 3440

34-Se-79

Inelastic  
Radionuclide Production Cross Section



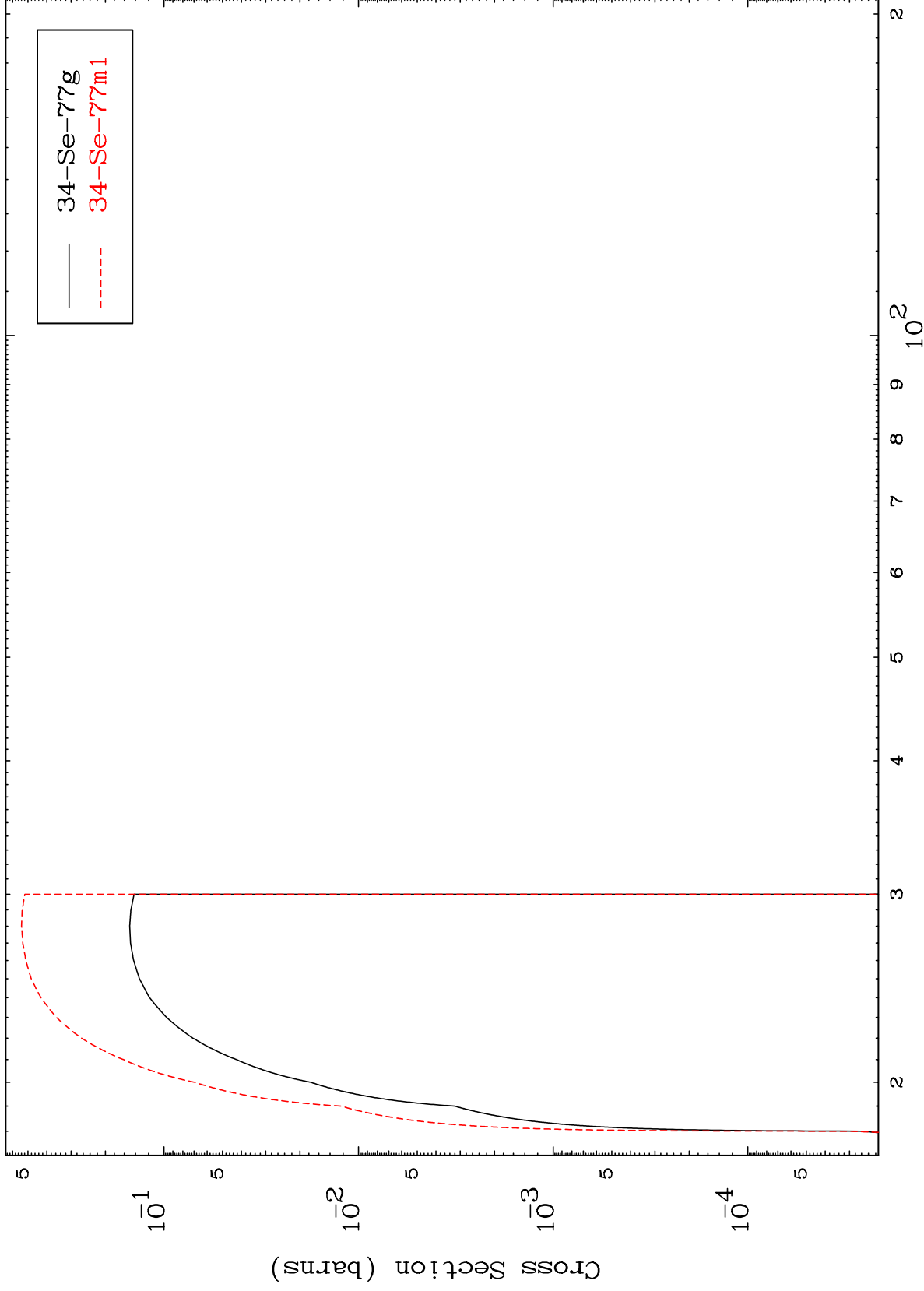
— 34-Se-79g  
- - - 34-Se-79m1

Incident Energy (MeV)

34-Se-79

65

(n,3n)  
Radionuclide Production Cross Section

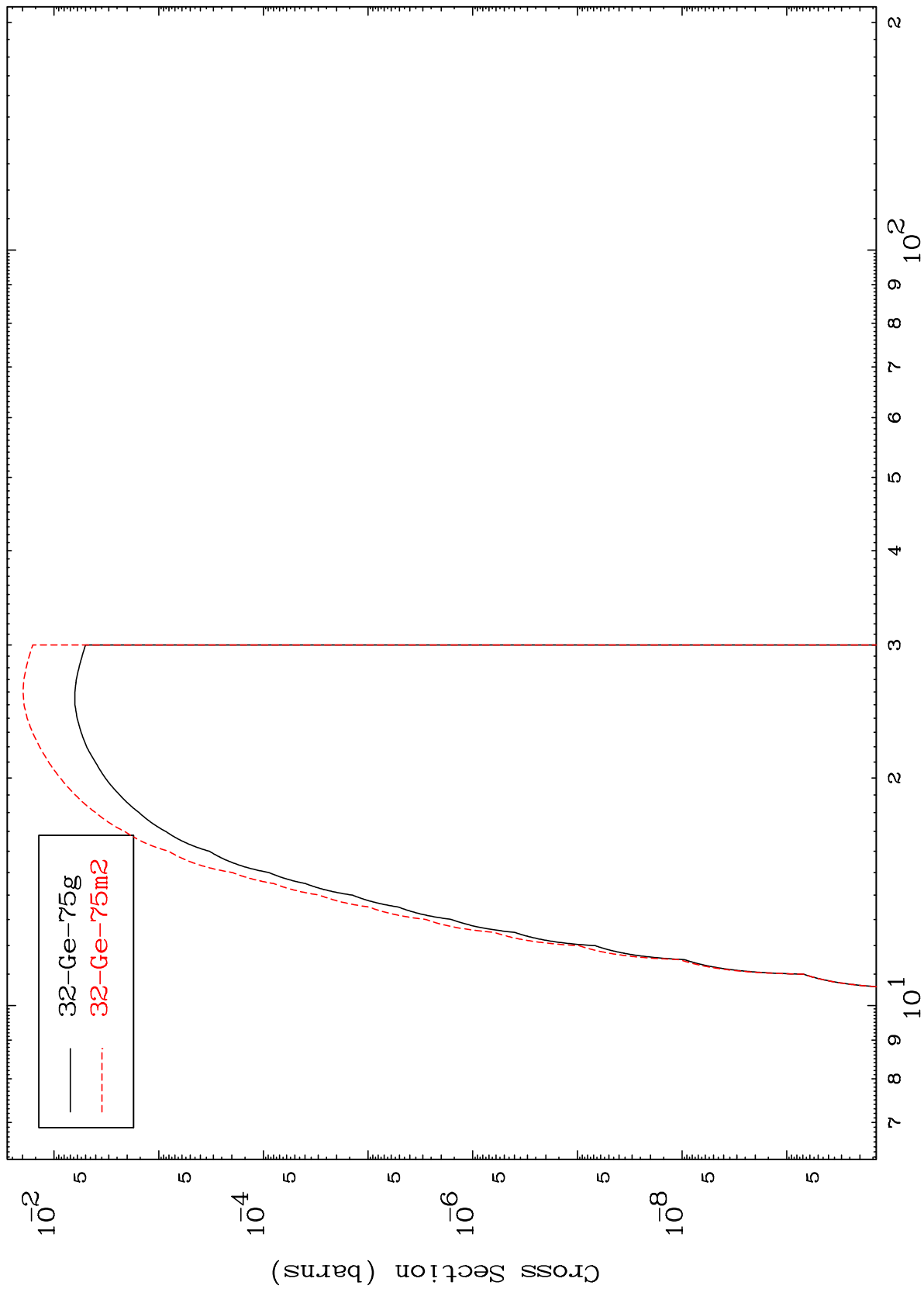


MAT 3440

$(n, n') \alpha$

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

Radionuclide Production Cross Section



67

Incident Energy (MeV)

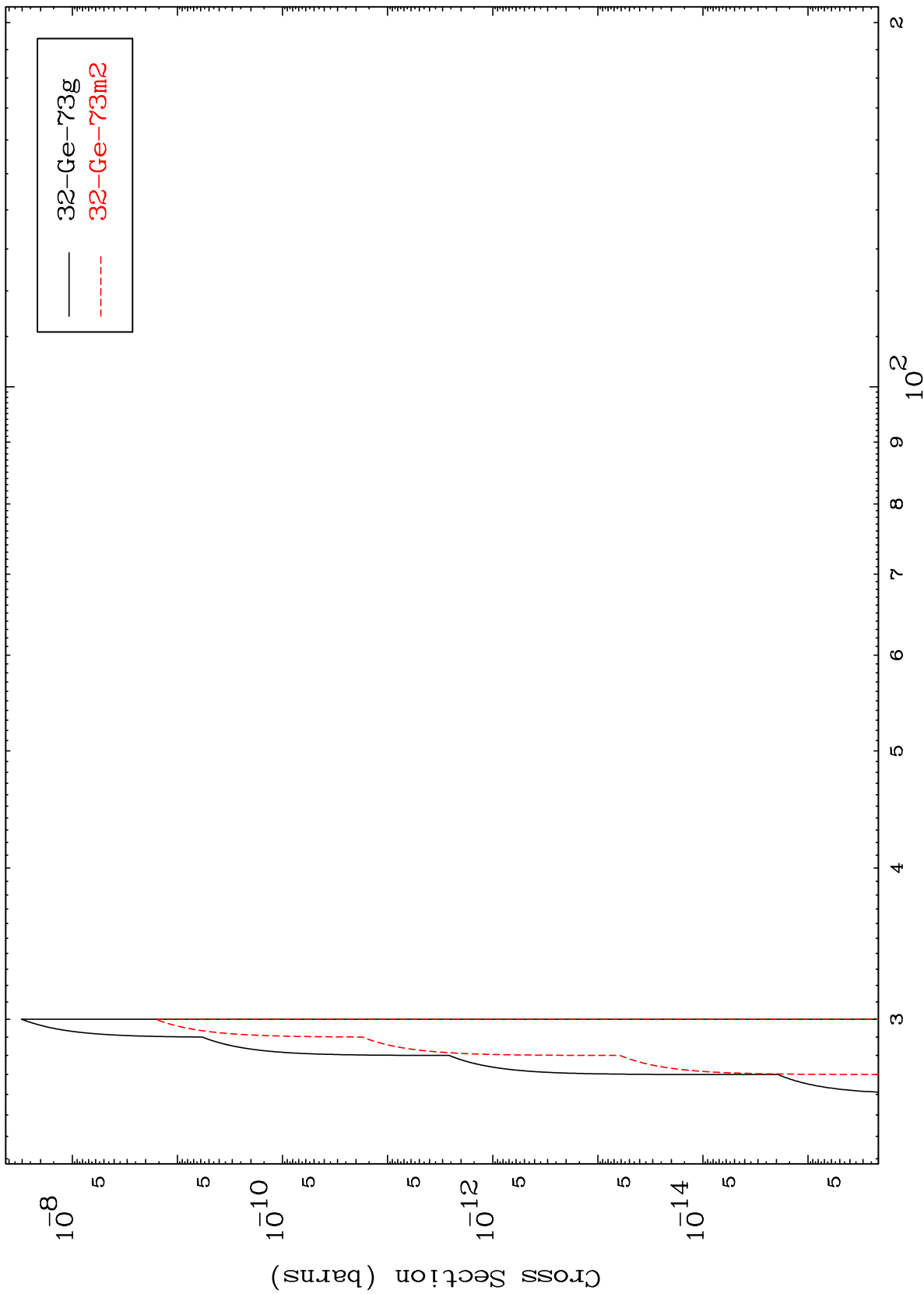
$^{34}\text{Se-79}$

MAT 3440

(n,3n)  $\alpha$

34-Se-79

Radionuclide Production Cross Section



68

Incident Energy (MeV)

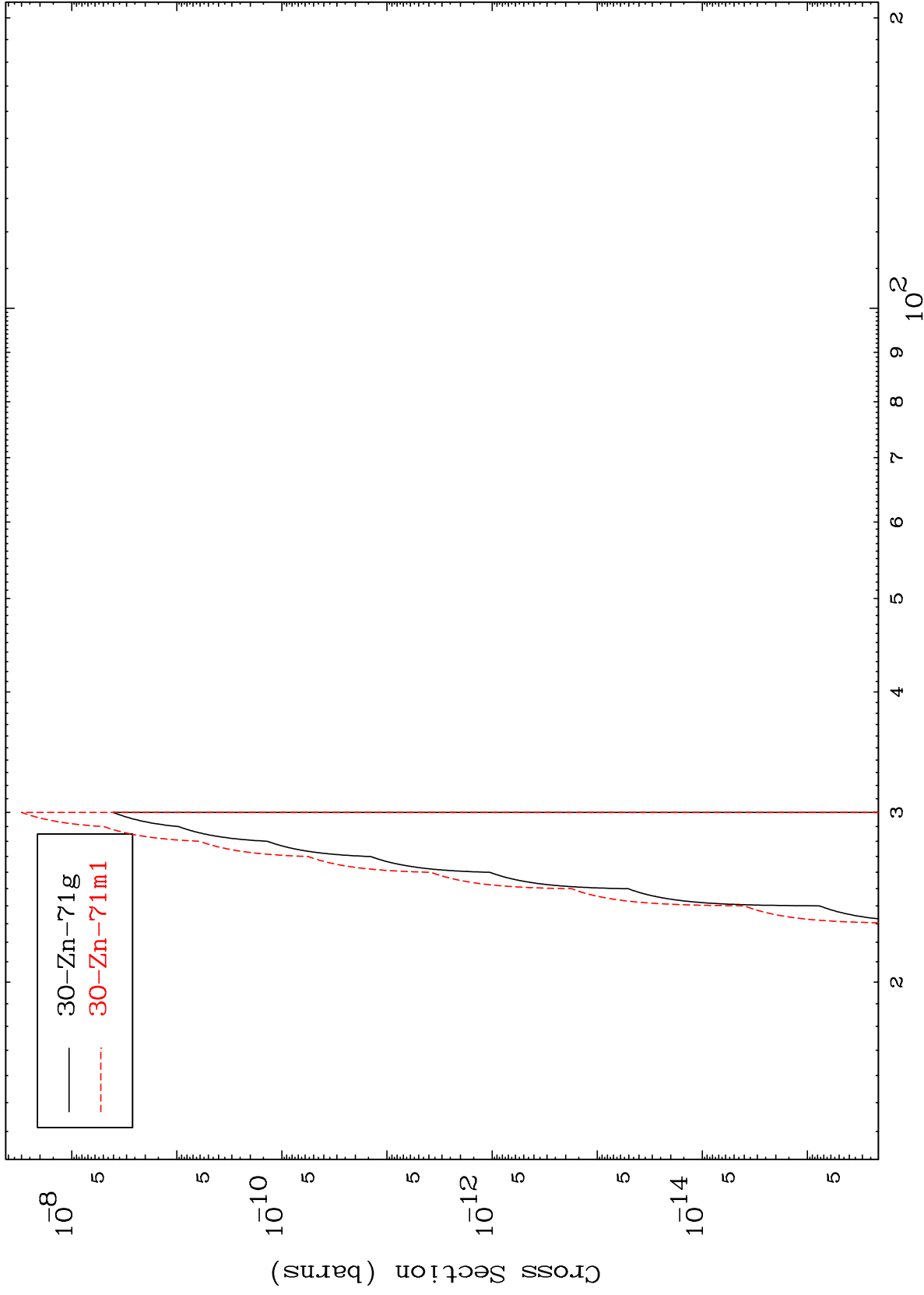
34-Se-79

MAT 3440

(n,n') 2 $\alpha$

34-Se-79

Radionuclide Production Cross Section



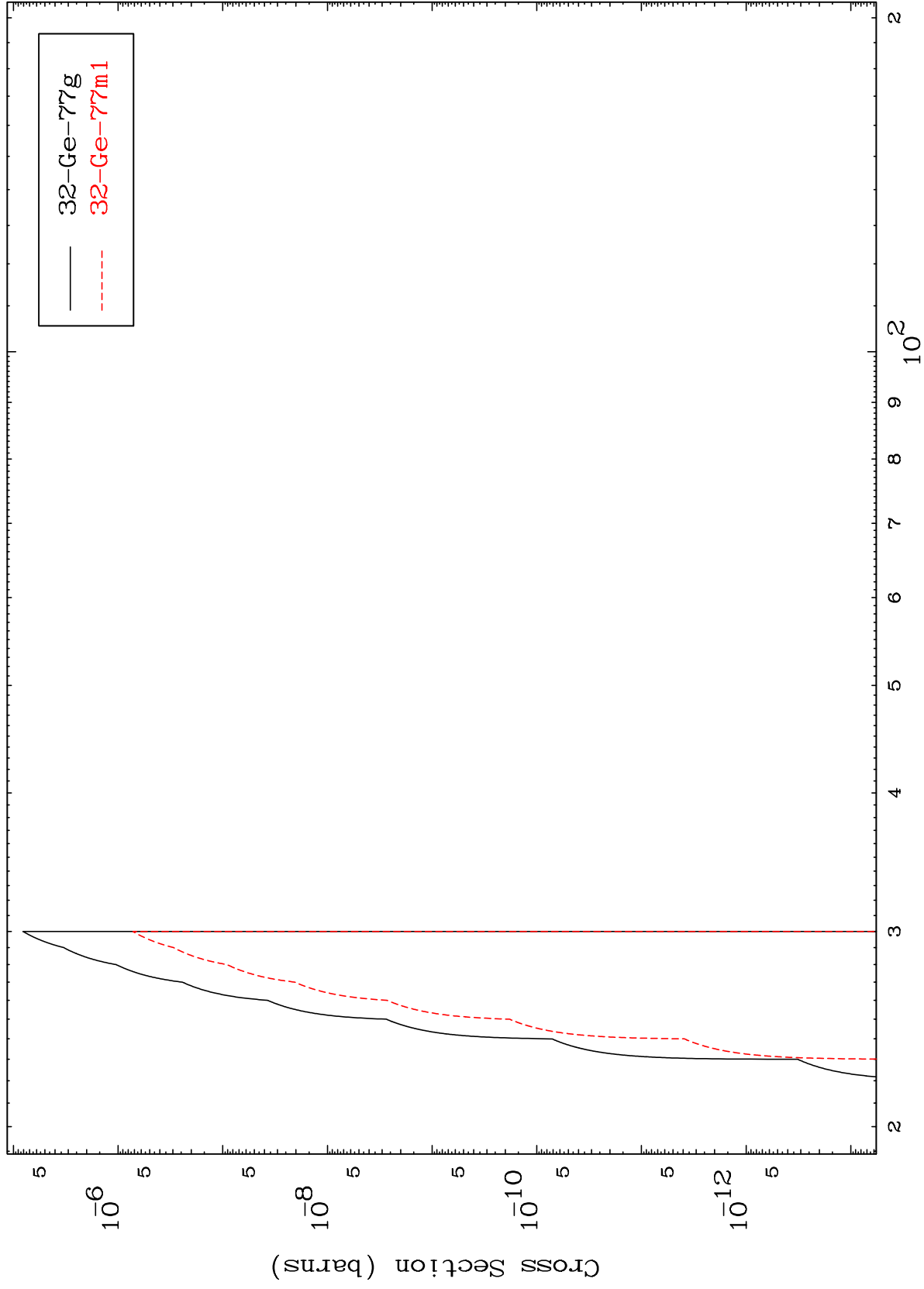
30-Zn-71g  
30-Zn-71m1

MAT 3440

(n,2n) p

<sup>34</sup>Se-79

Radionuclide Production Cross Section

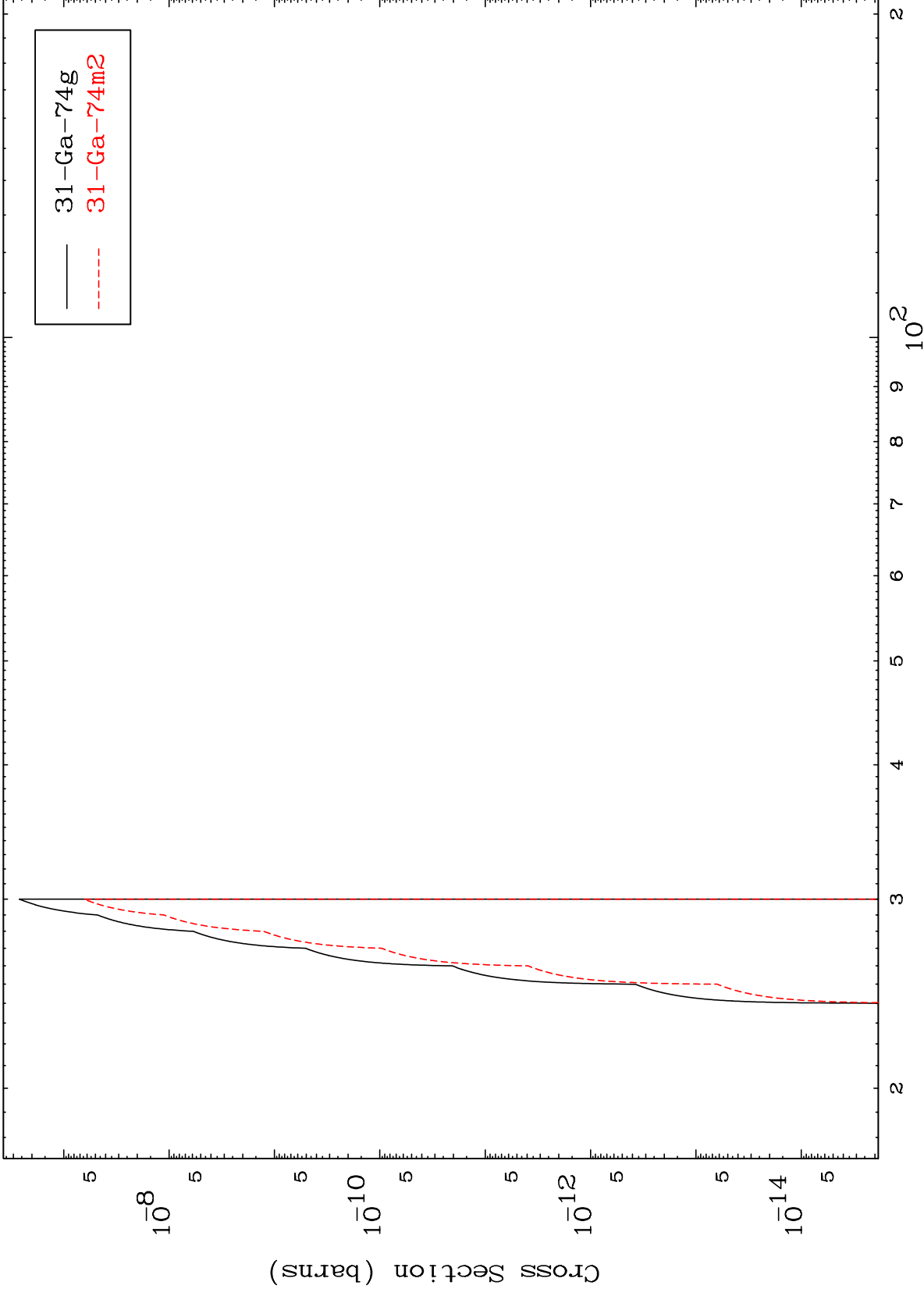


70

Incident Energy (MeV)

<sup>34</sup>Se-79

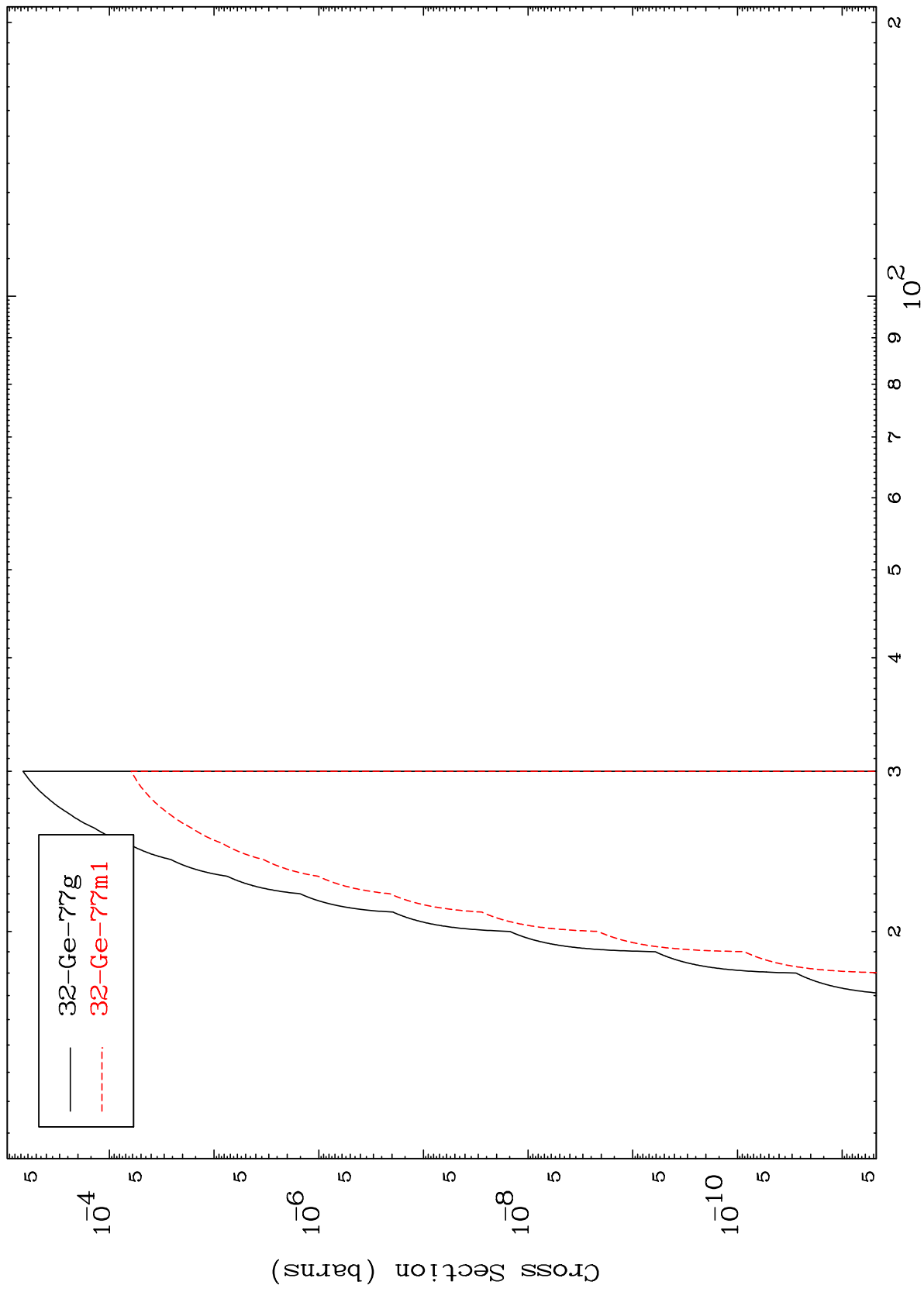
Radionuclide Production Cross Section



MAT 3440

34-Se-79

Radionuclide Production Cross Section  
(n,He-3)



34-Se-79

Incident Energy (MeV)

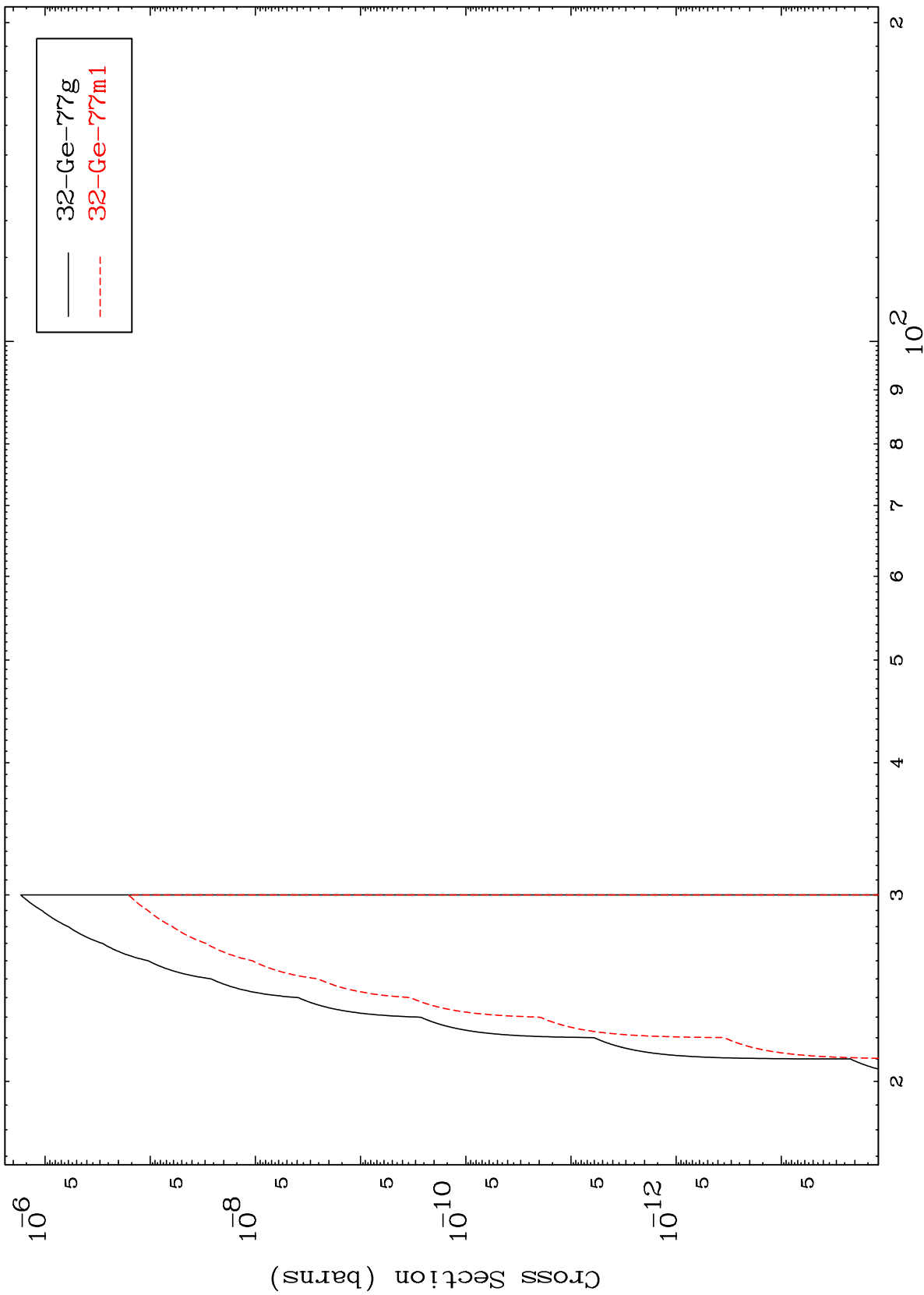
72

MAT 3440

(n,p) d

<sup>34</sup>Se-79

Radionuclide Production Cross Section



73

Incident Energy (MeV)

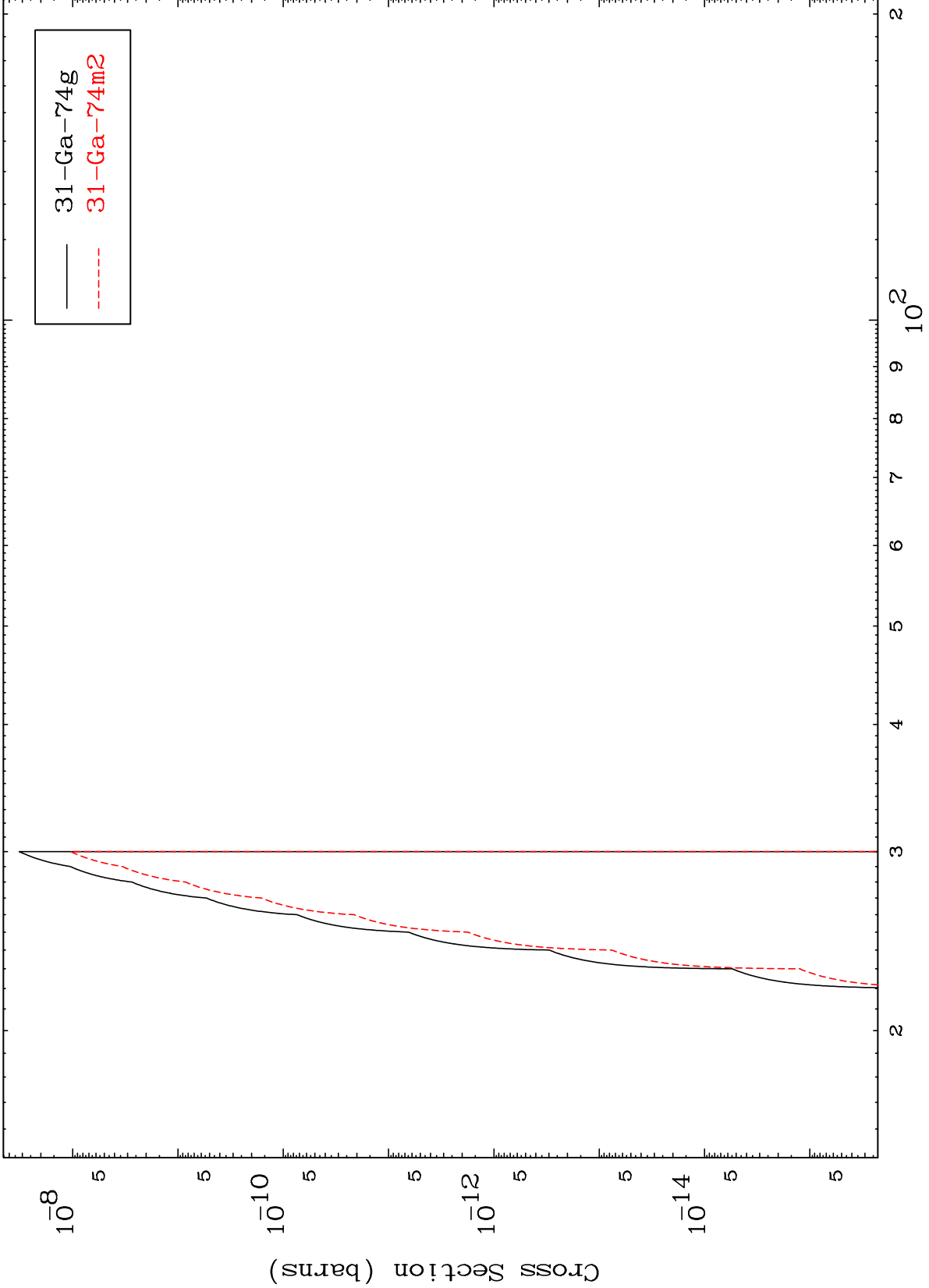
<sup>34</sup>Se-79

MAT 3440

(n,d)  $\alpha$

34-Se-79

Radionuclide Production Cross Section



74

Incident Energy (MeV)

34-Se-79