

Program EVALPLOT  
(Version 2021-1)

by

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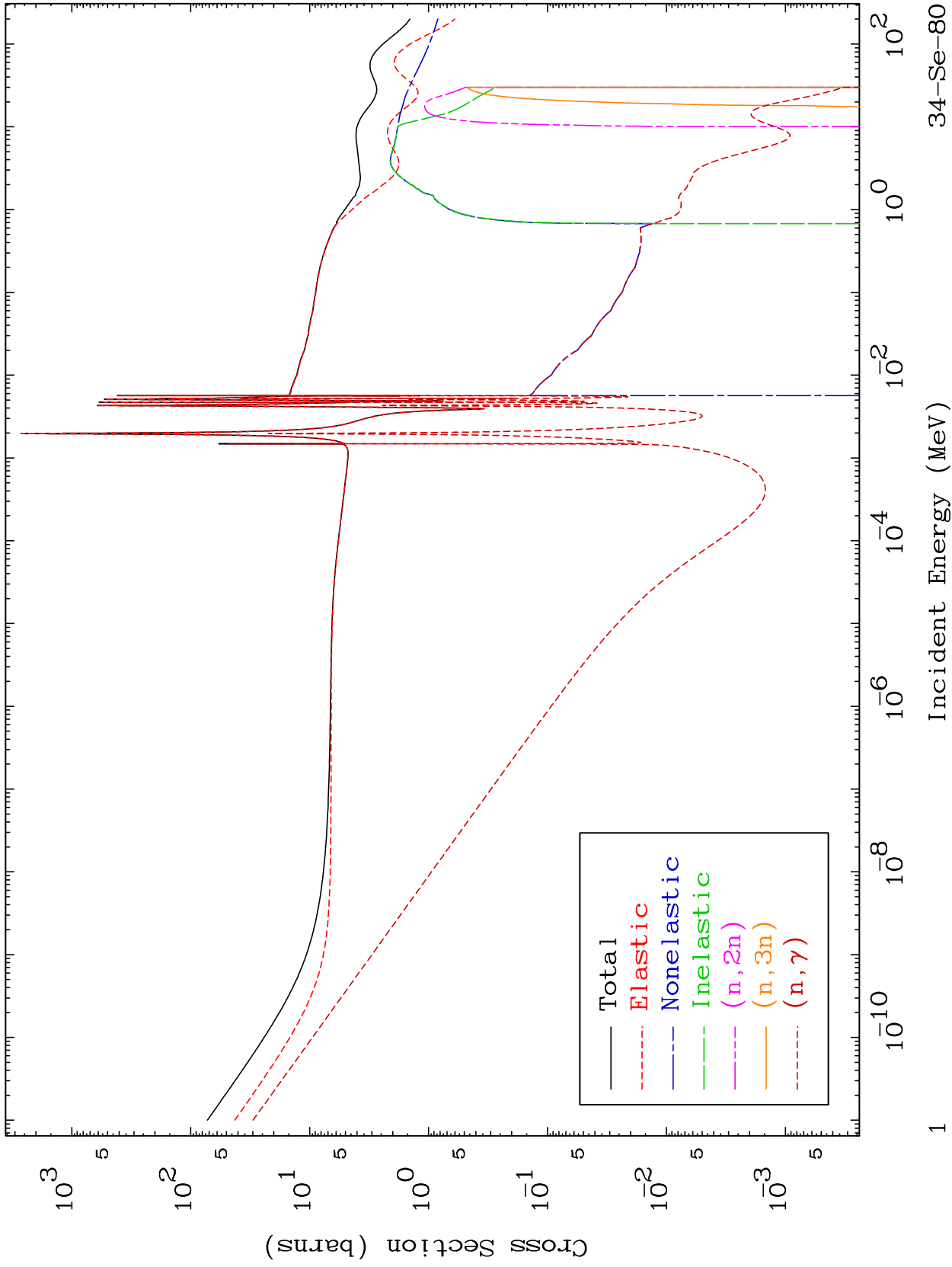
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3443

Neutron Major  
293 Kelvin Cross Sections

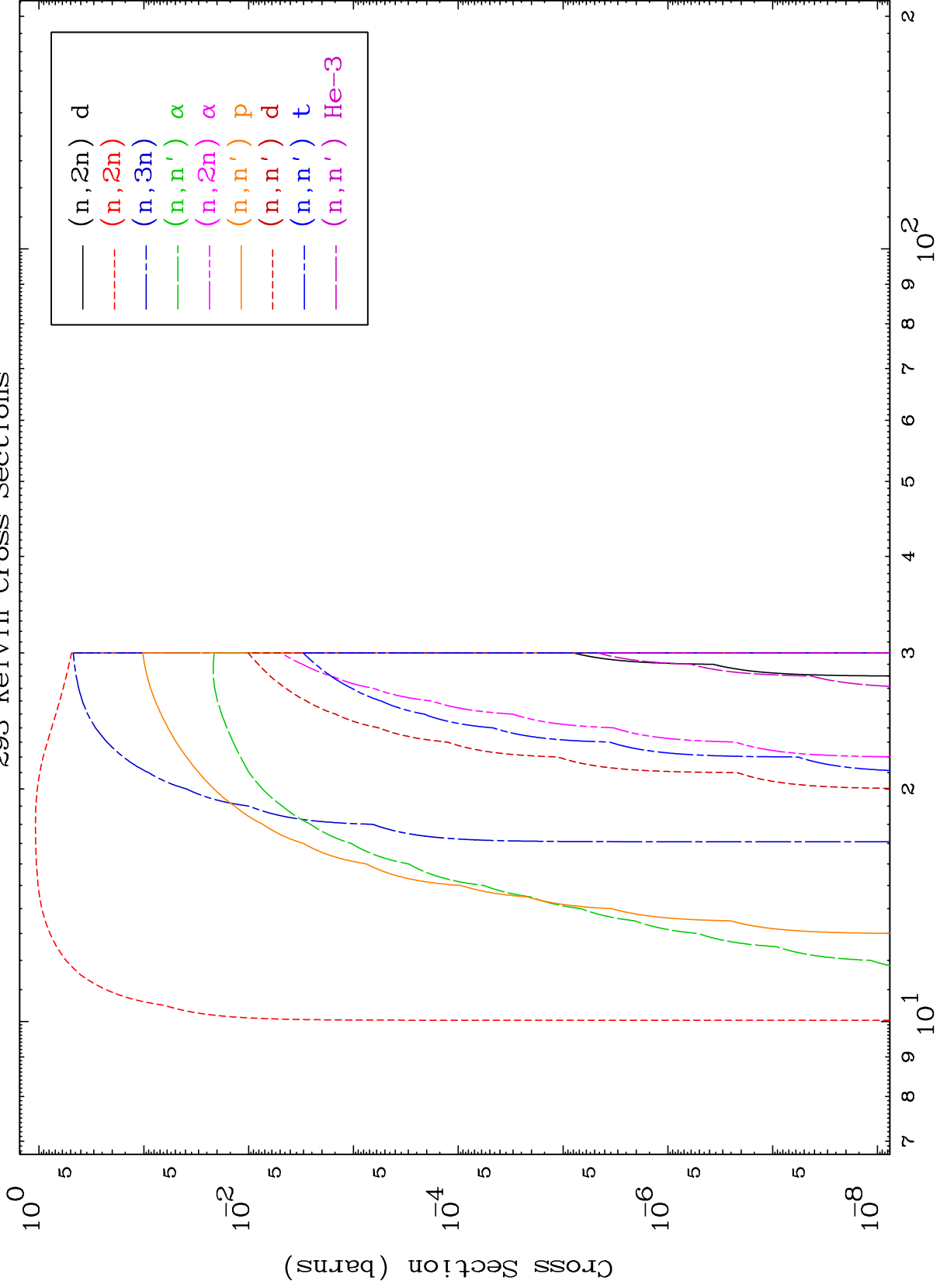
<sup>34</sup>Se-80



MAT 3443

Neutron Absorption  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



2

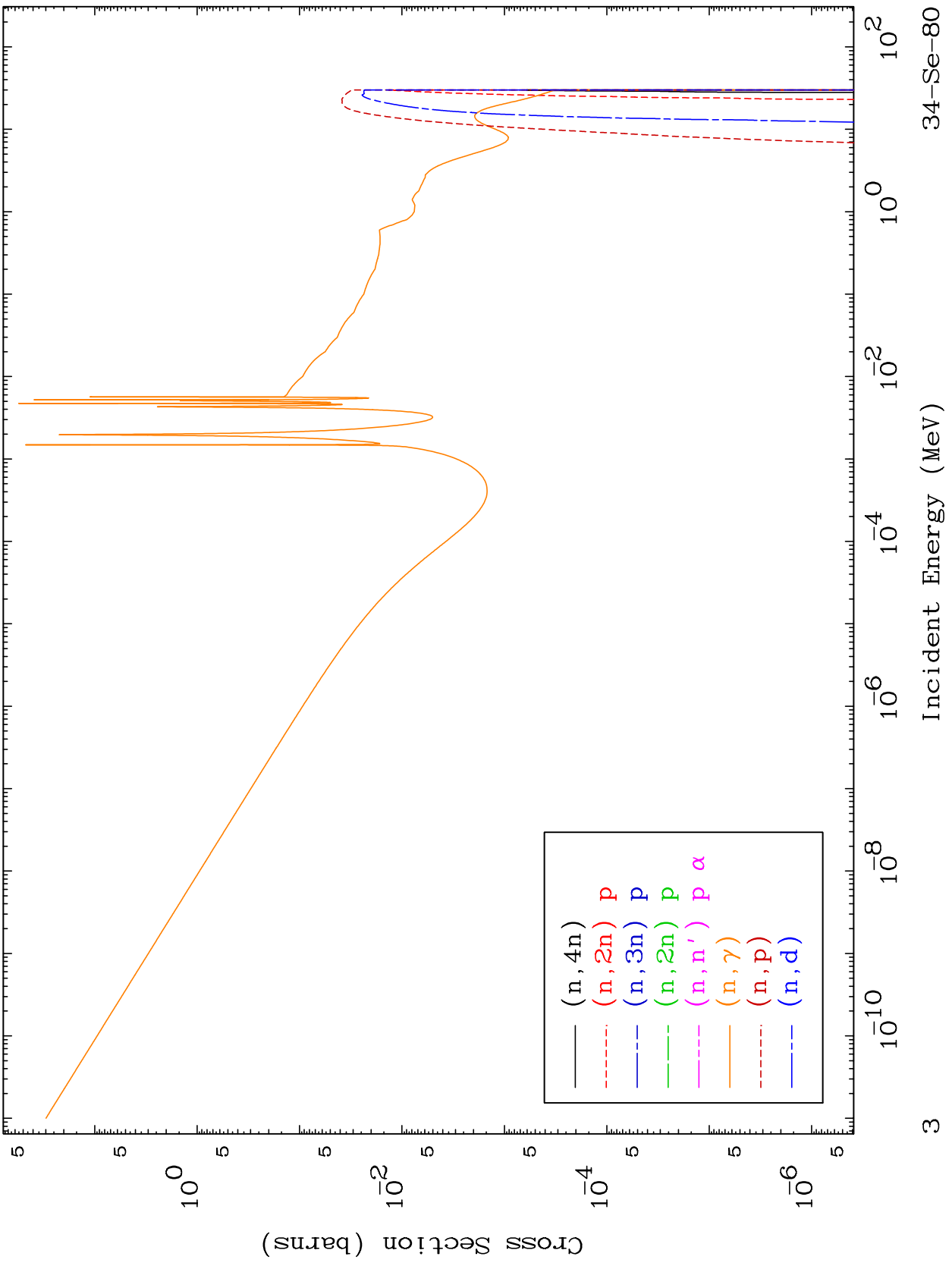
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

Neutron Absorption  
293 Kelvin Cross Sections

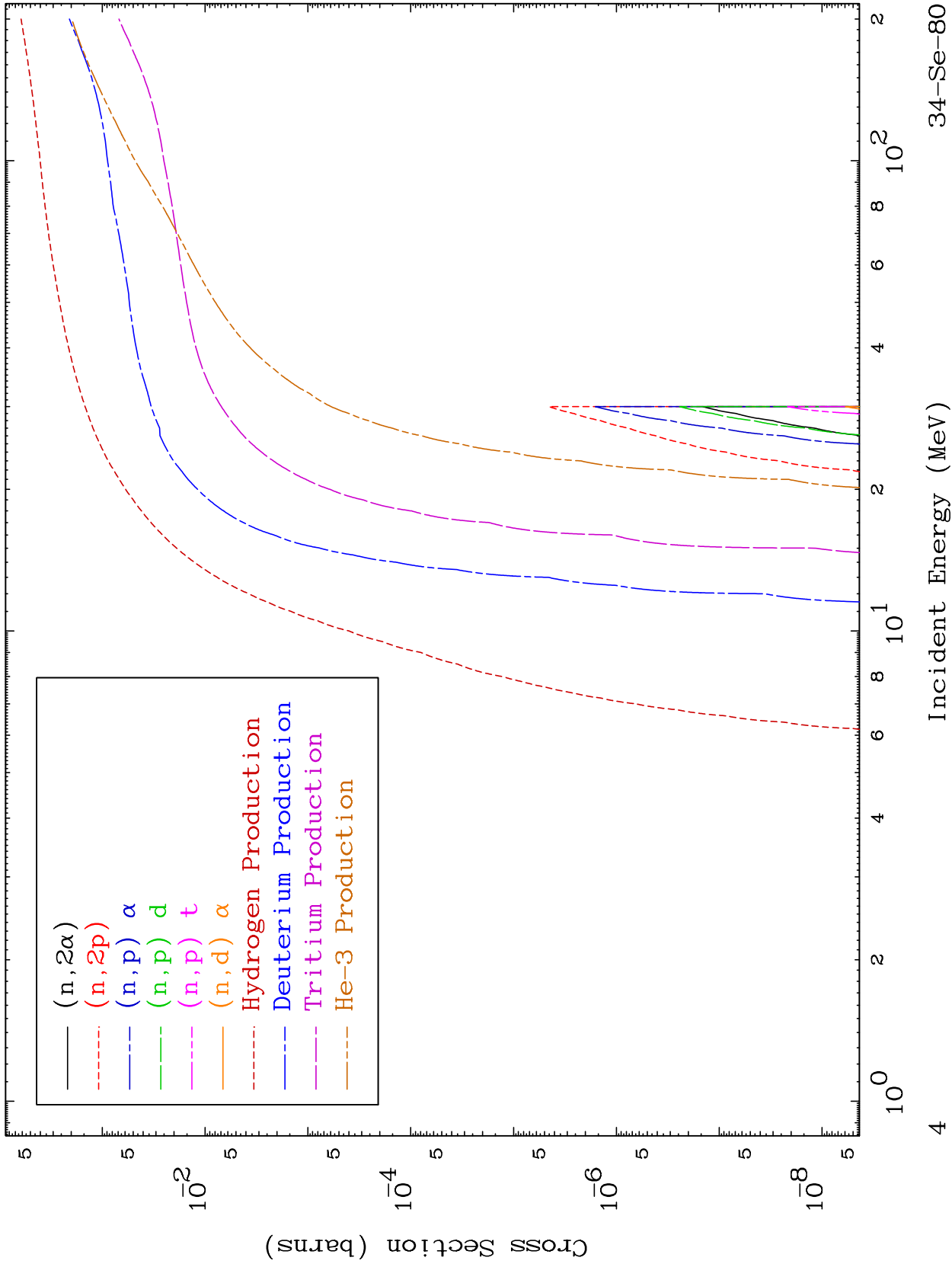
34-Se-80



MAT 3443

Neutron Absorption  
293 Kelvin Cross Sections

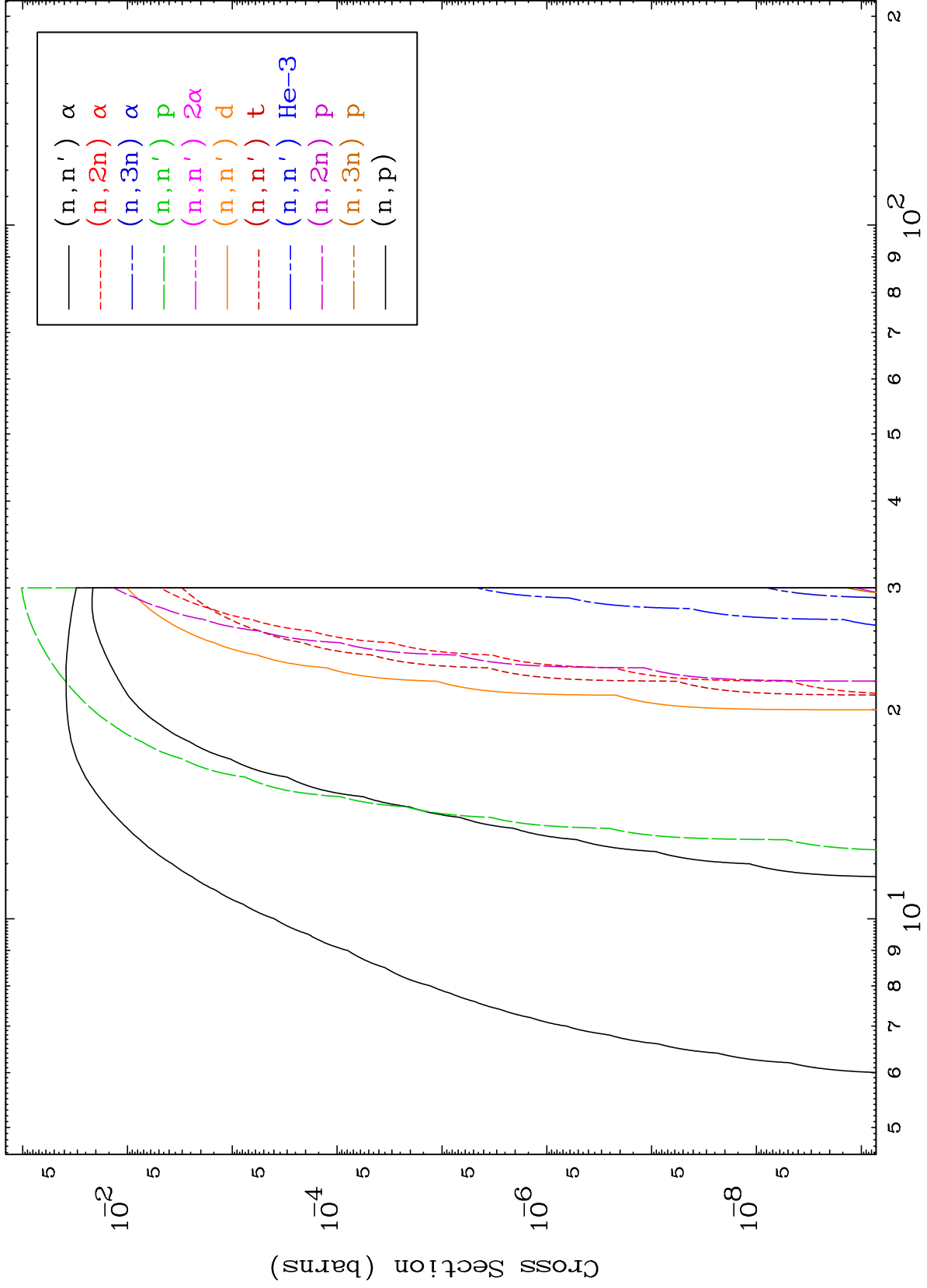
34-Se-80



MAT 3443

Charged Particle  
293 Kelvin Cross Sections

34-Se-80



5

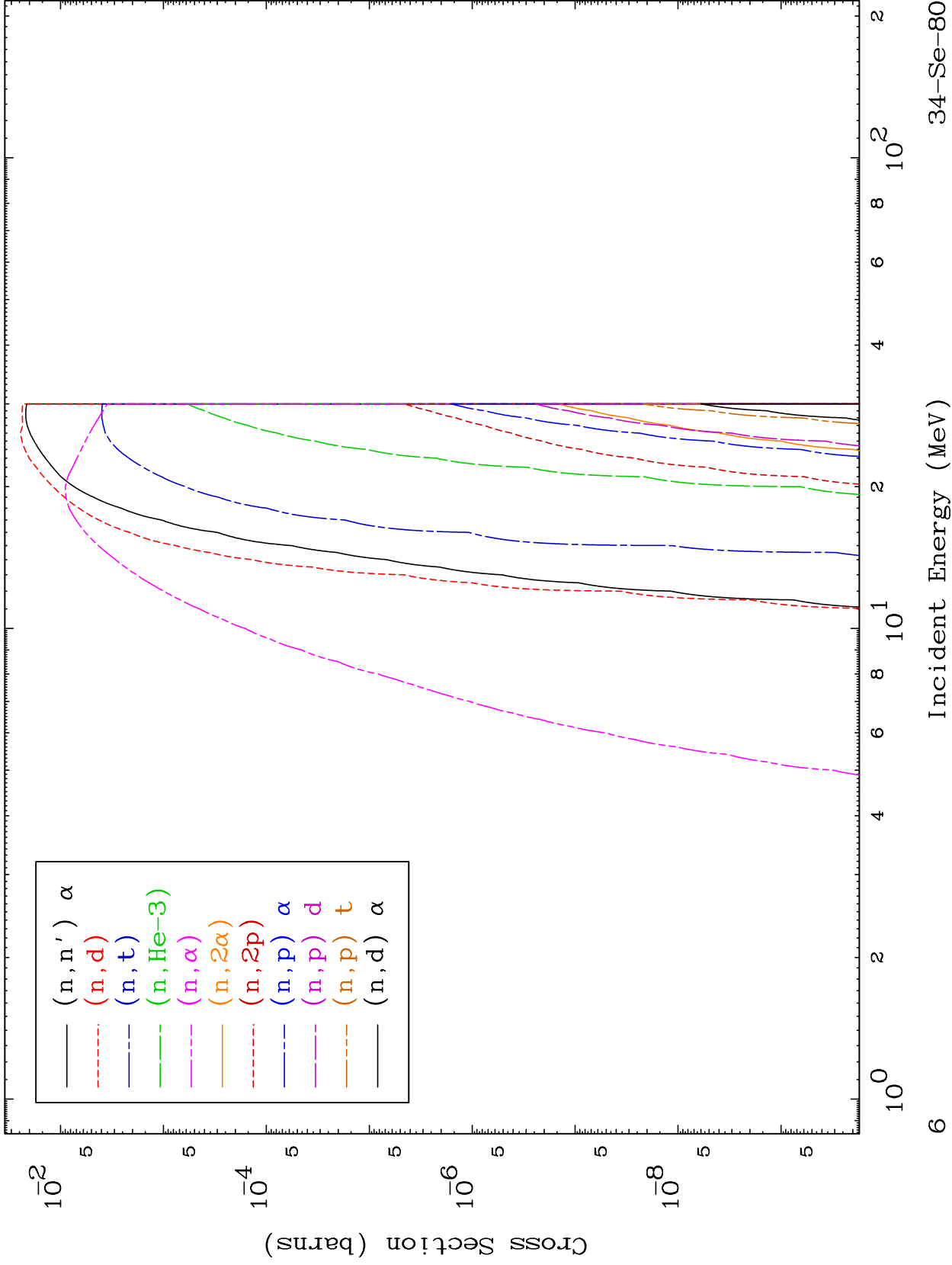
Incident Energy (MeV)

34-Se-80

MAT 3443

Charged Particle  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



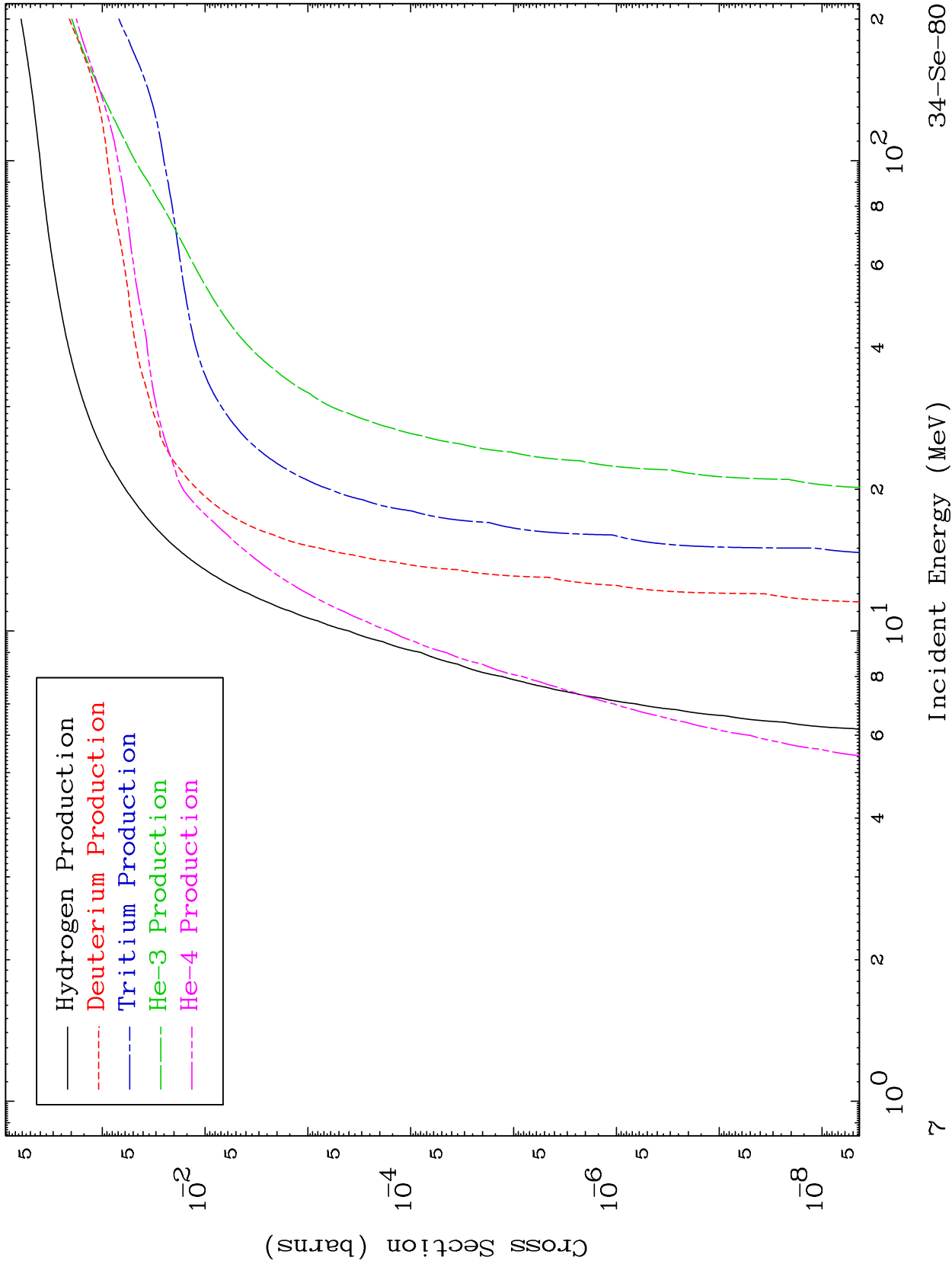
<sup>34</sup>Se-80

Incident Energy (MeV)

MAT 3443

Particle Production  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



<sup>34</sup>Se-80

Incident Energy (MeV)

7

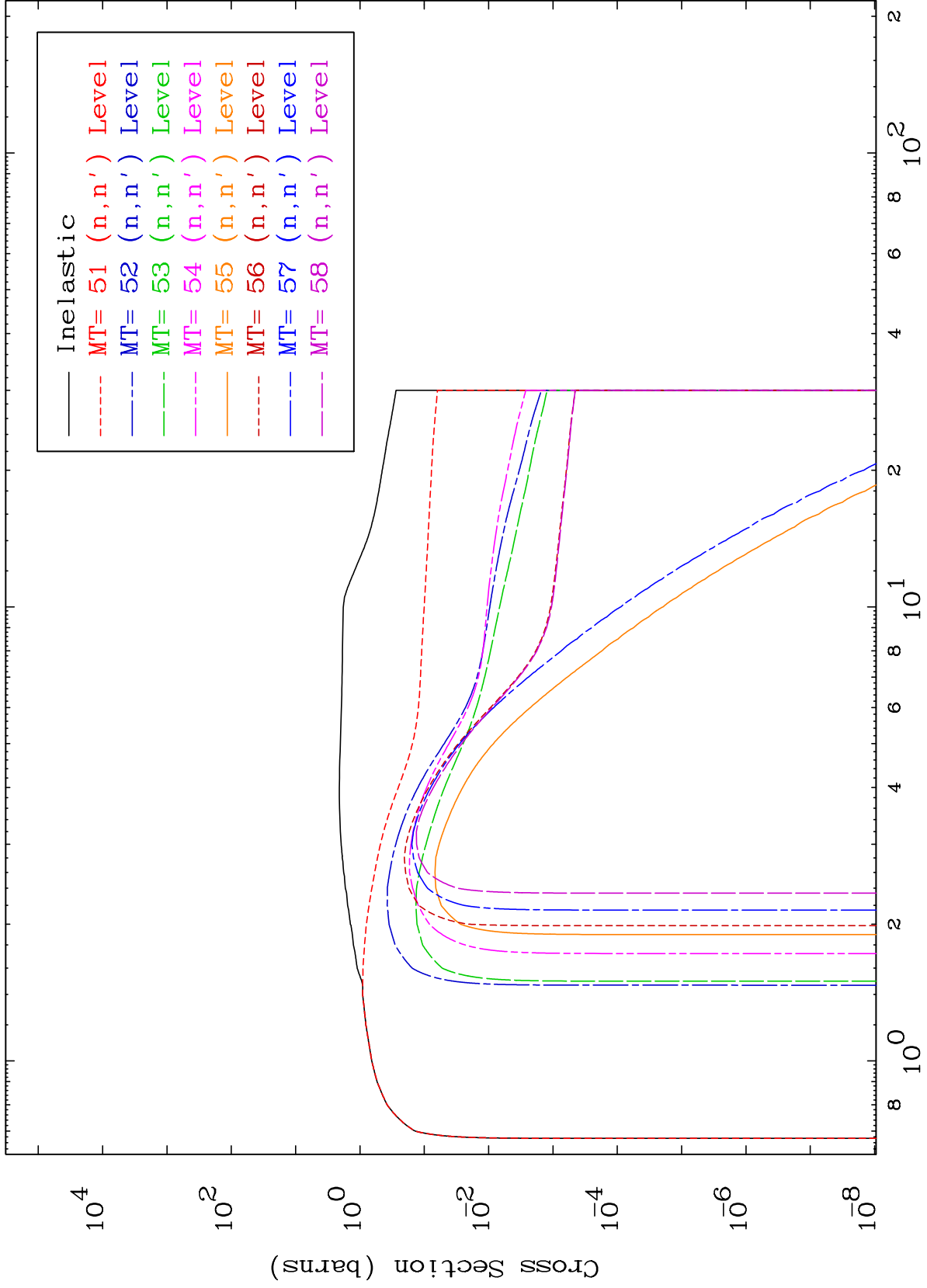


MAT 3443

(n,n') Levels

34-Se-80

293 Kelvin Cross Sections



8

Incident Energy (MeV)

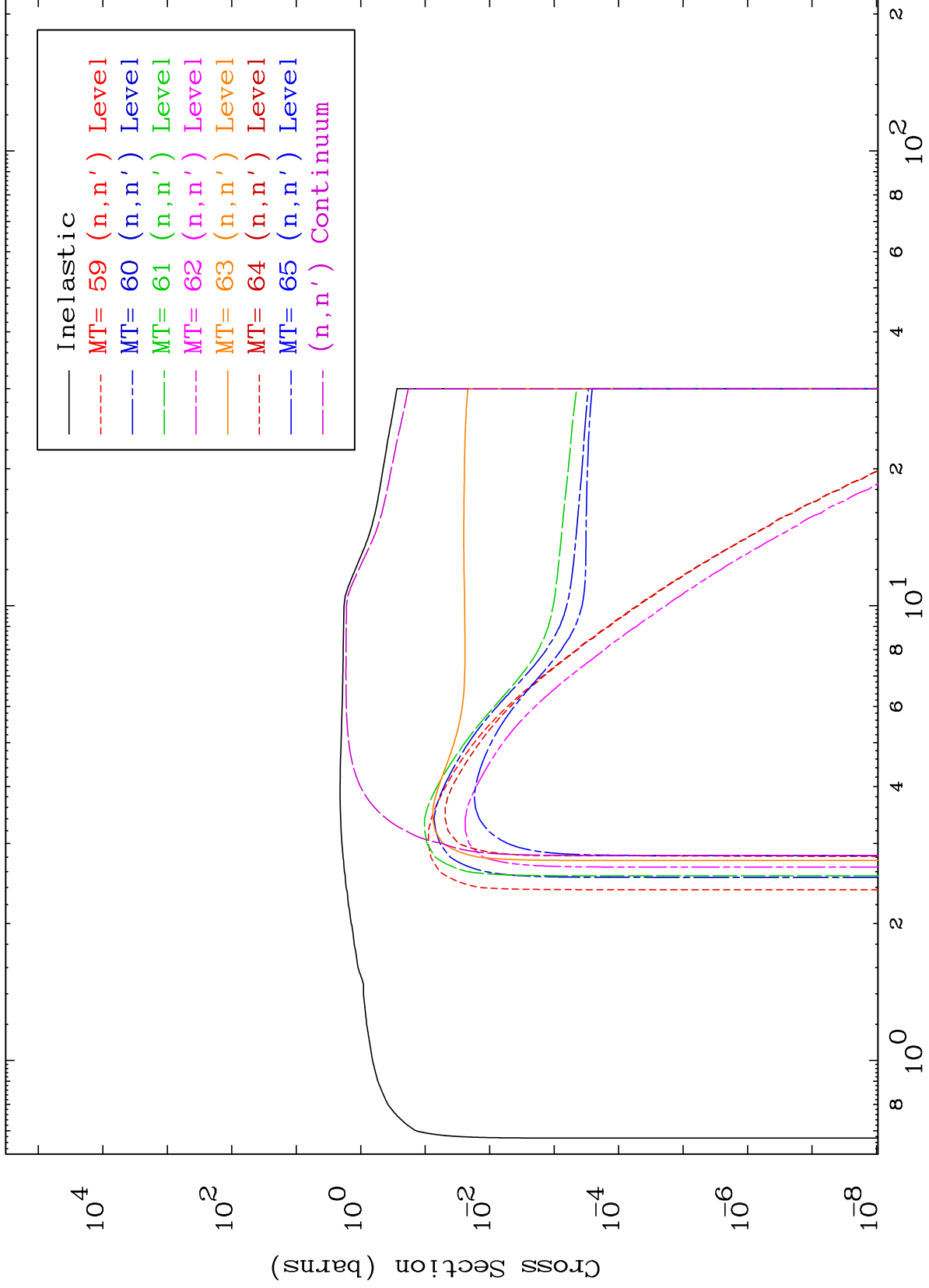
34-Se-80

MAT 3443

(n,n') Levels

34-Se-80

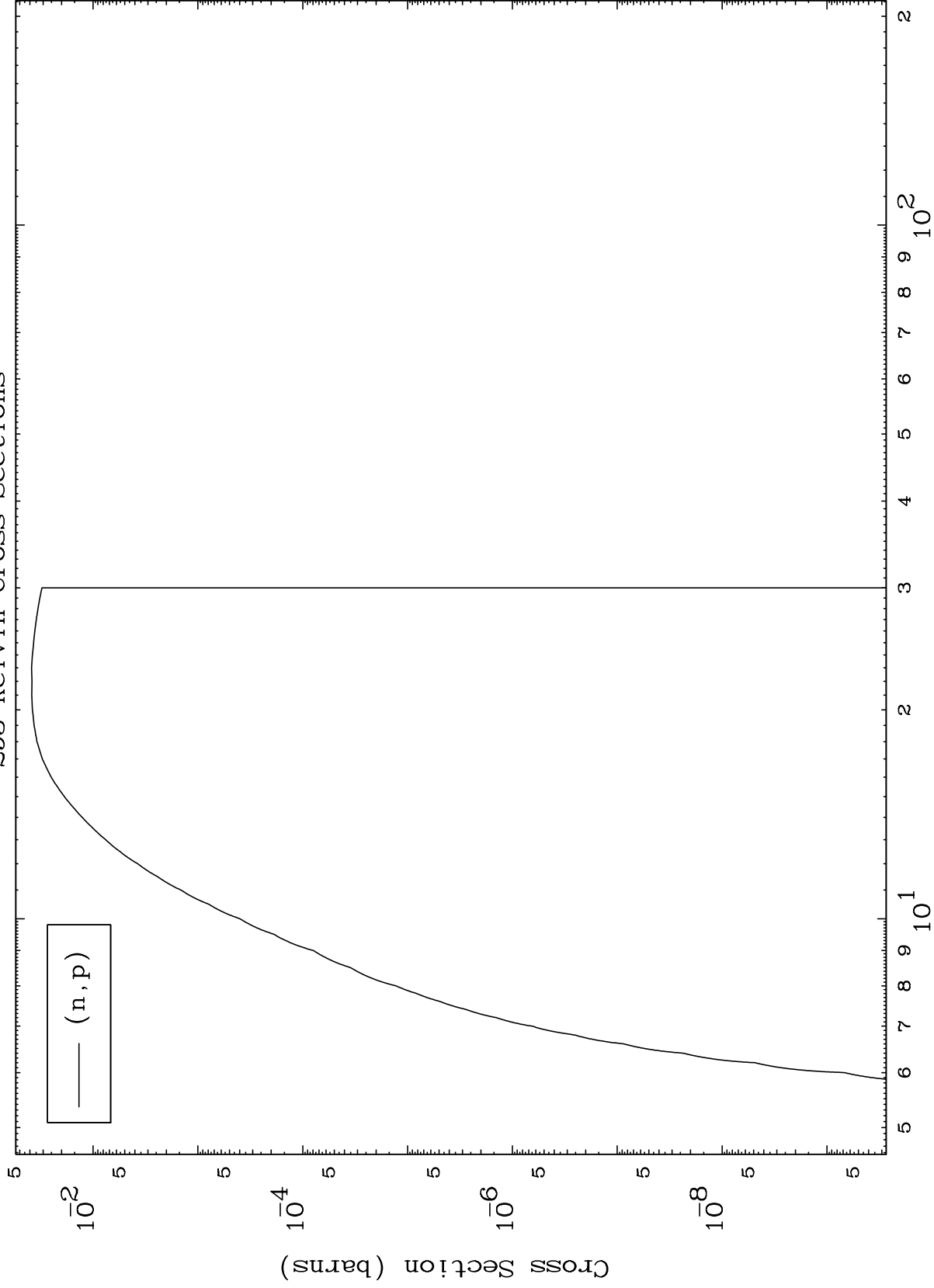
293 Kelvin Cross Sections



MAT 3443

(n,p) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



10

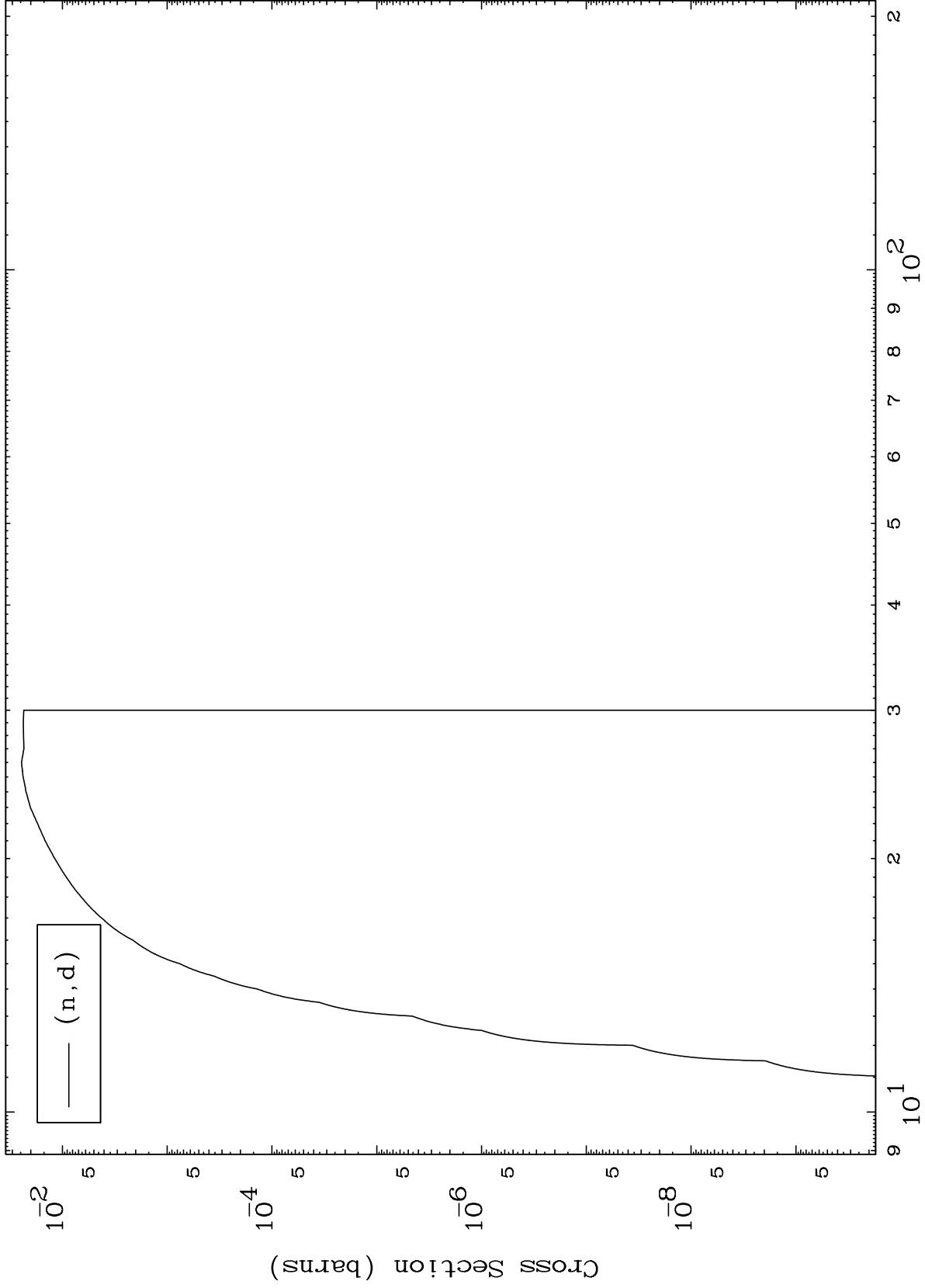
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

(n,d) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



11

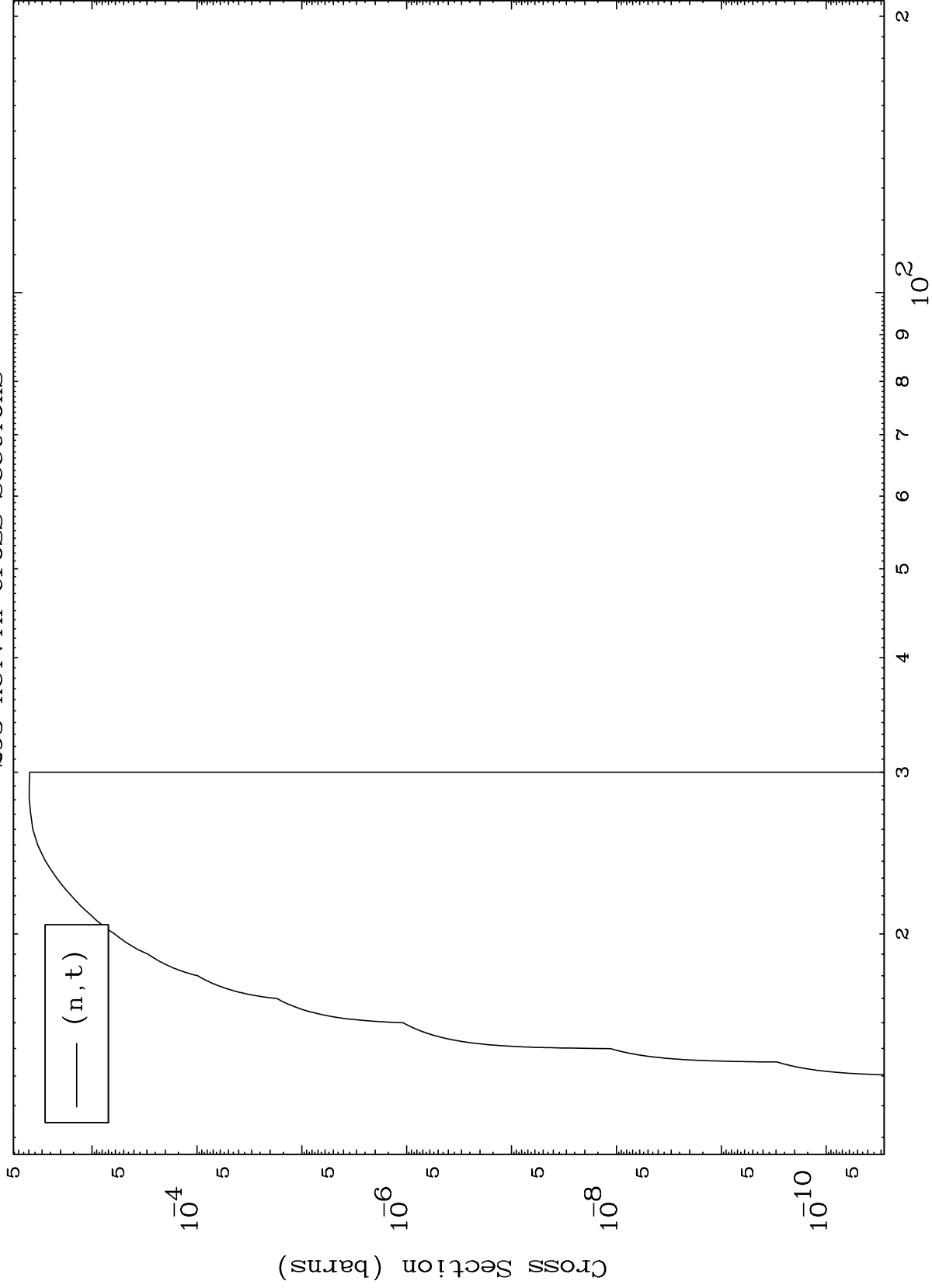
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

(n,t) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



12

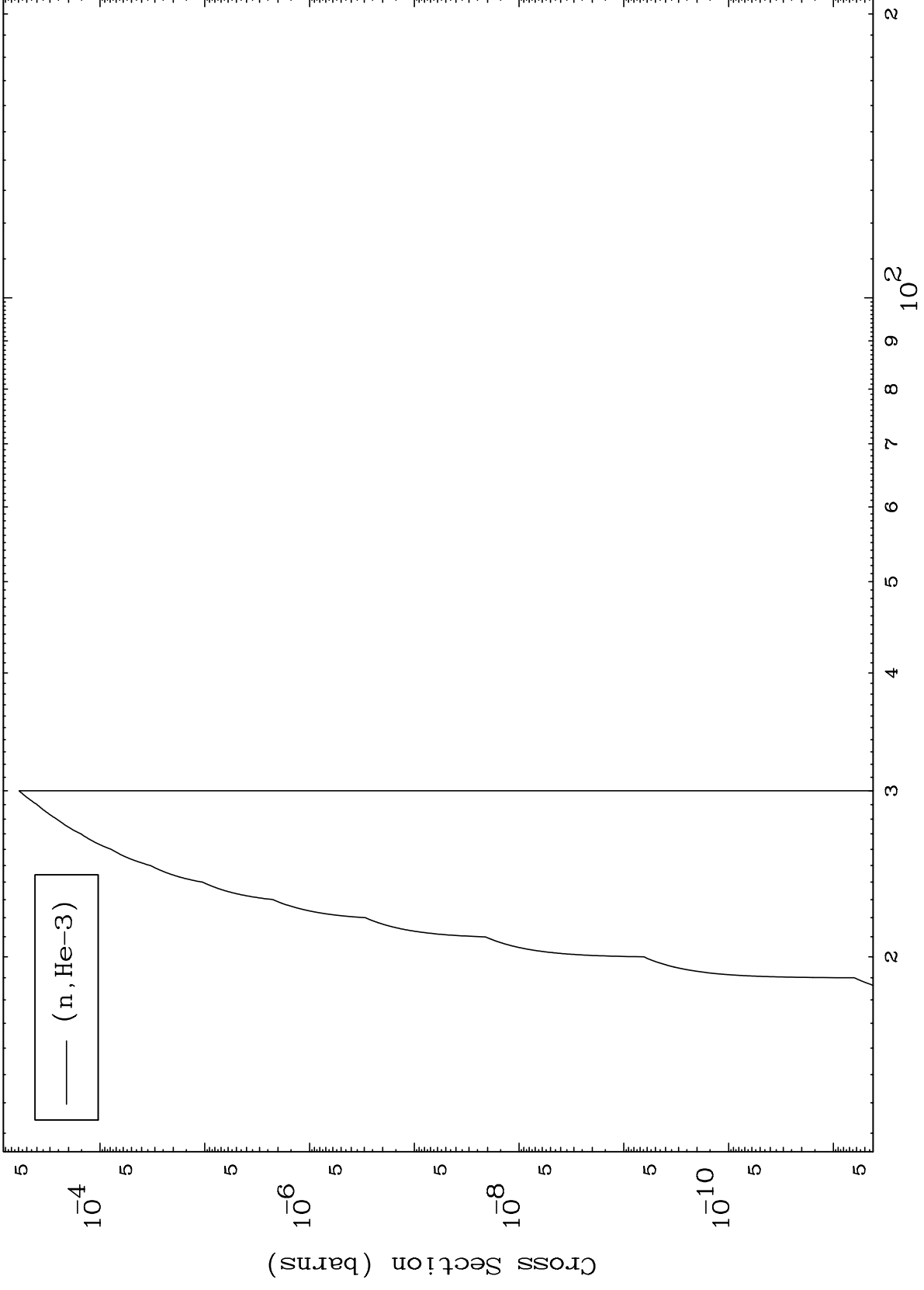
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-80



13

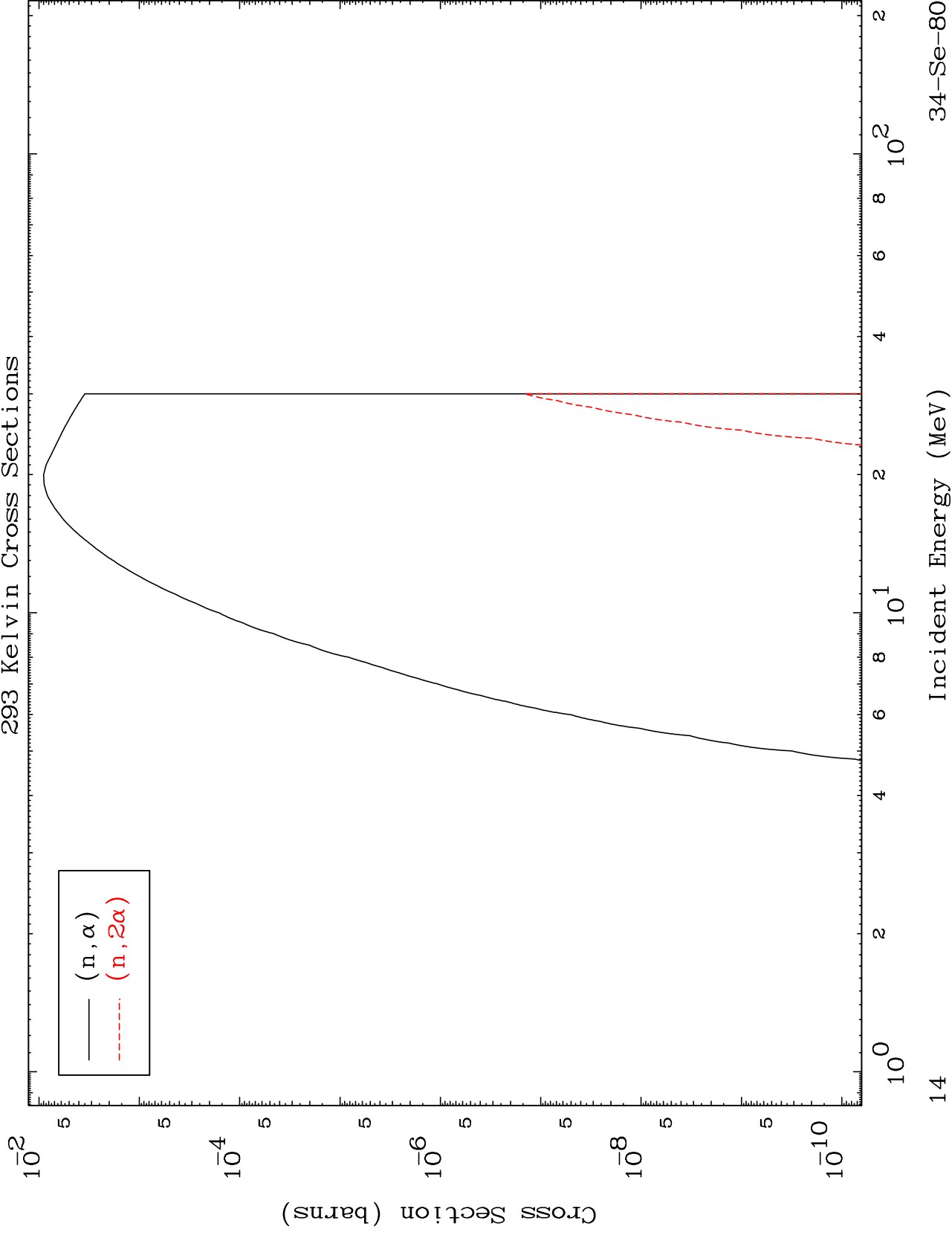
Incident Energy (MeV)

34-Se-80

MAT 3443

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-80



14

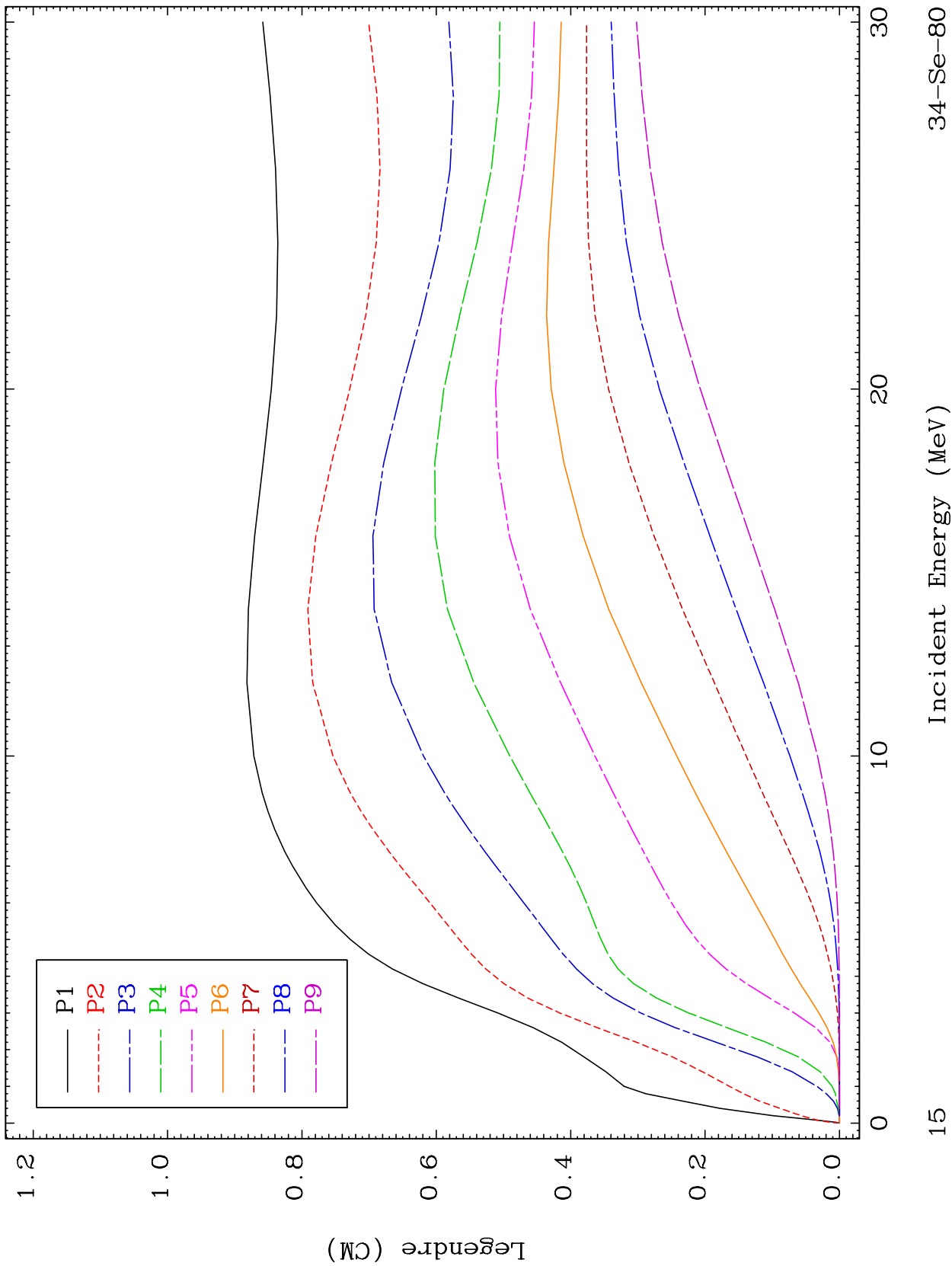
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

Elastic Legendre Coefficients

<sup>34</sup>Se-80



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Incident Energy (MeV)

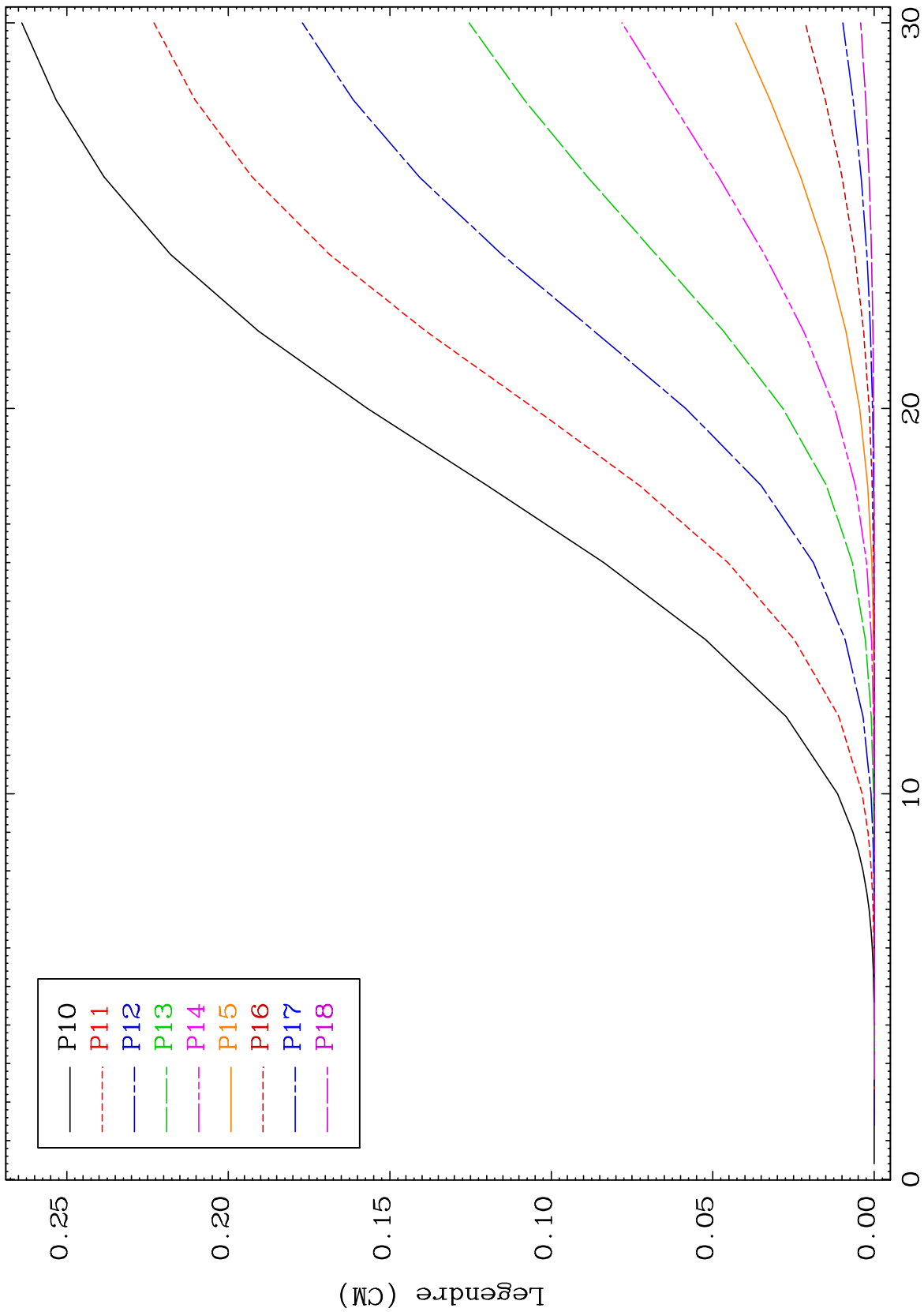
<sup>34</sup>Se-80



MAT 3443

Elastic Legendre Coefficients

<sup>34</sup>Se-80



16

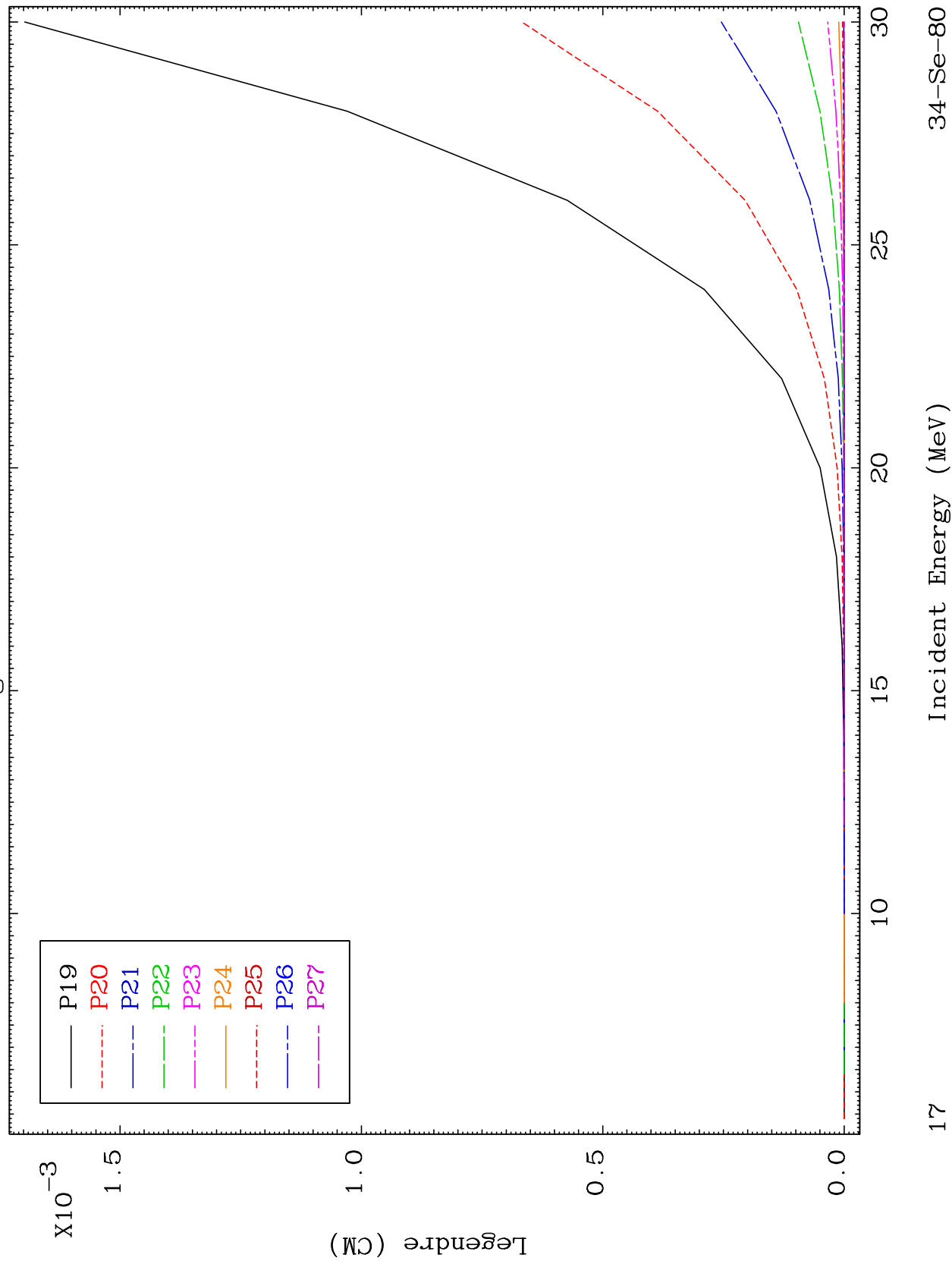
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

Elastic Legendre Coefficients

<sup>34</sup>Se-80



17

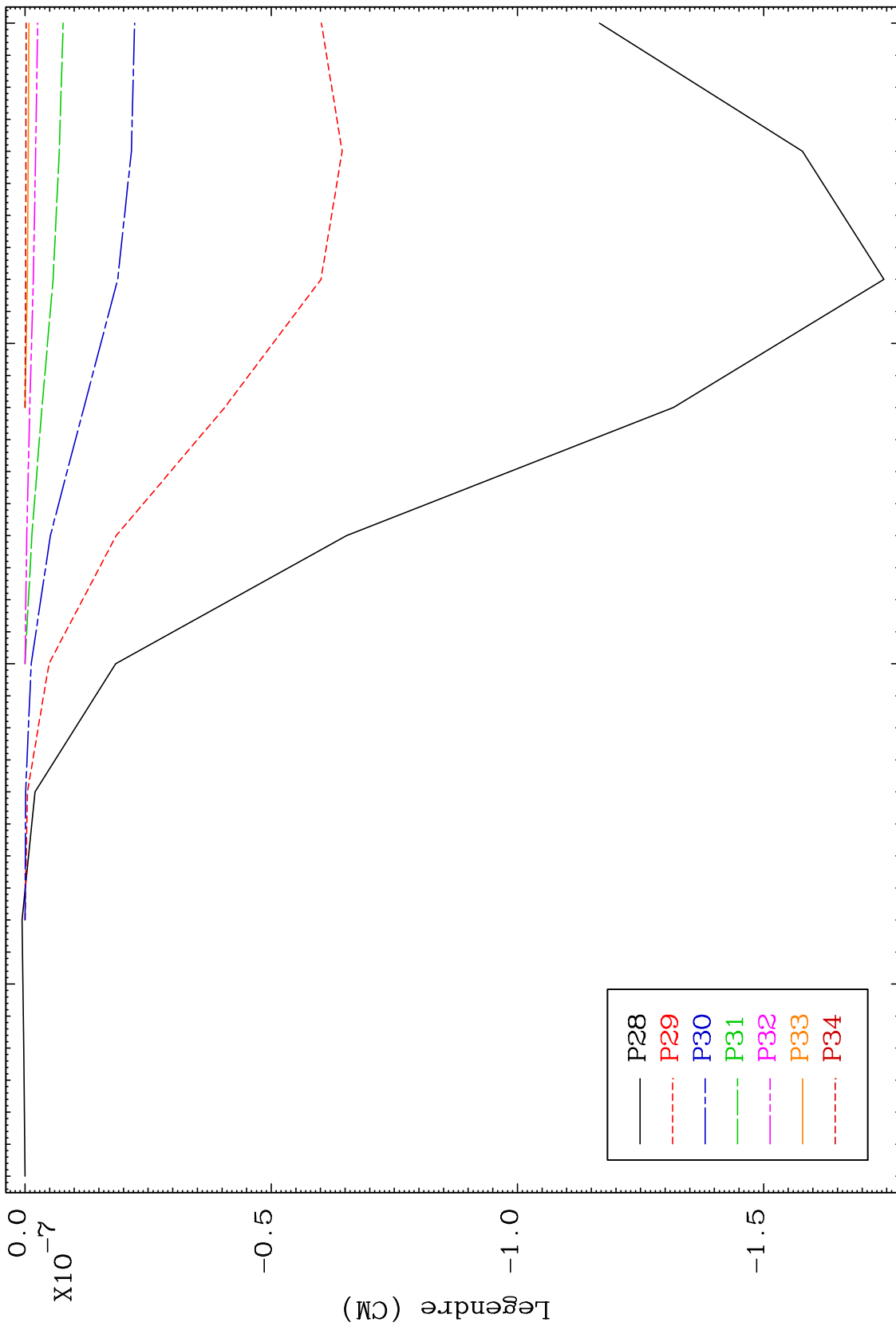
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

<sup>34</sup>Se-80

Elastic Legendre Coefficients



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Incident Energy (MeV)

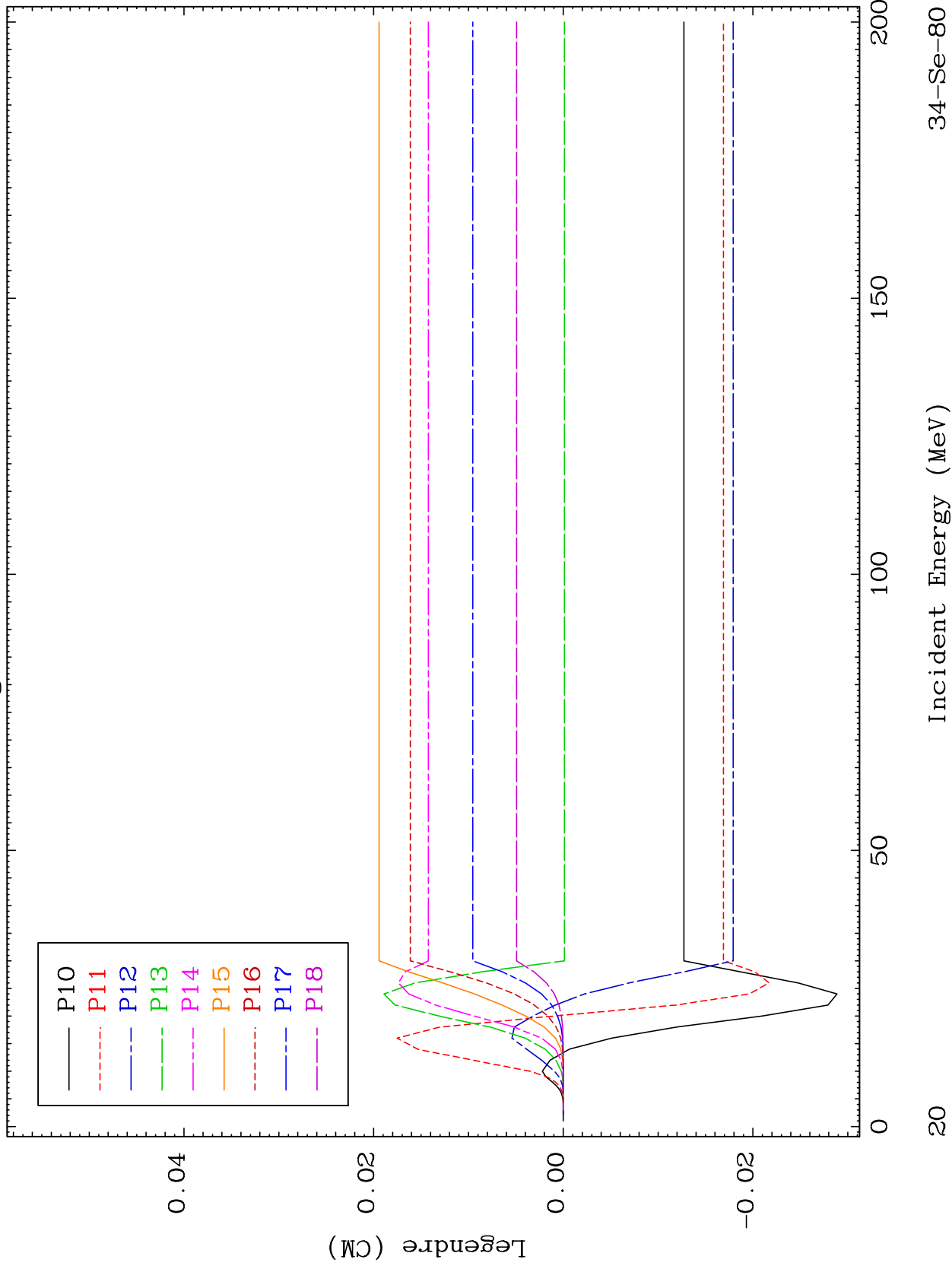
<sup>34</sup>Se-80



MAT 3443

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

<sup>34</sup>Se-80



<sup>34</sup>Se-80

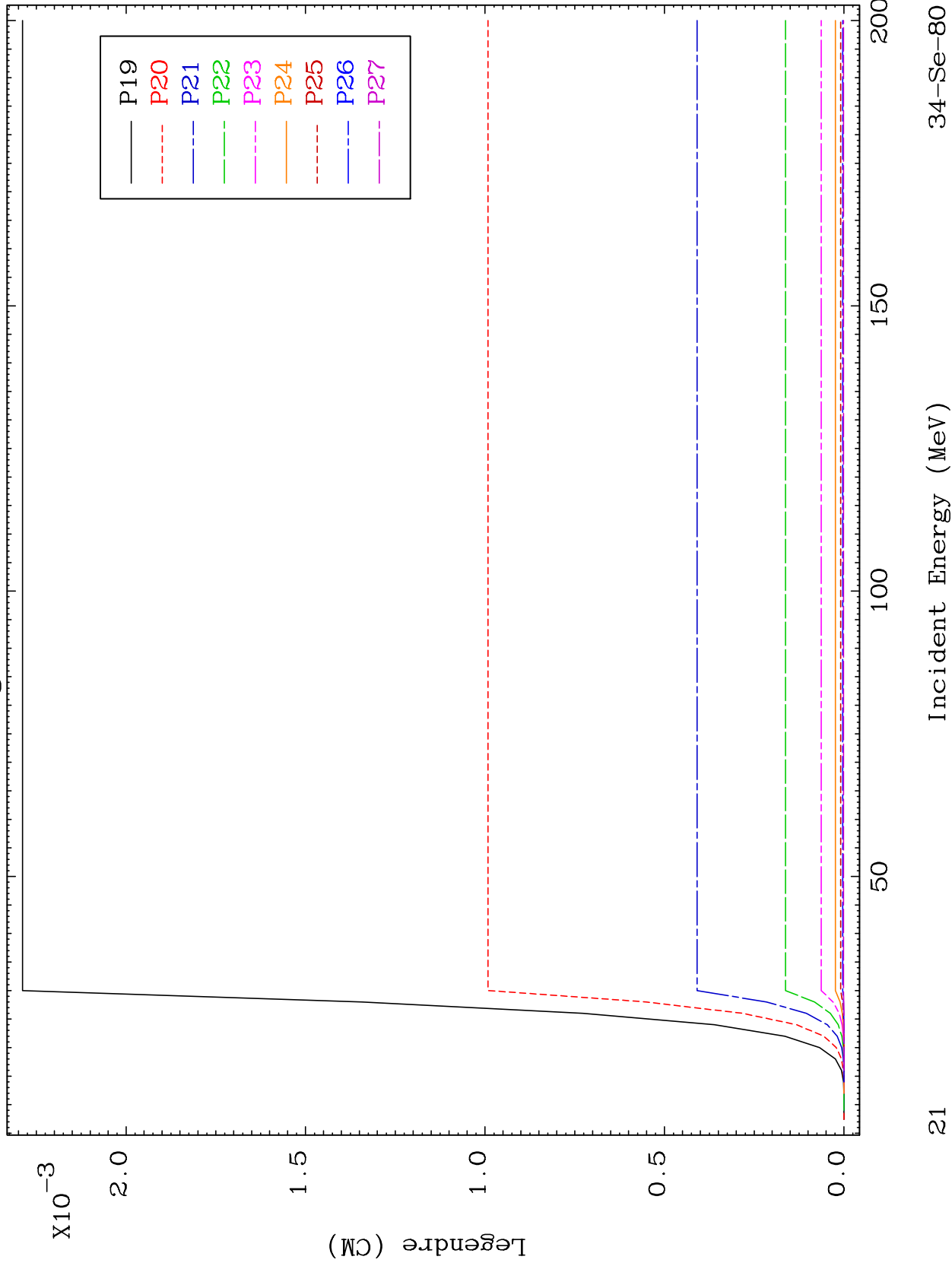
Incident Energy (MeV)

20

MAT 3443

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

34-Se-80

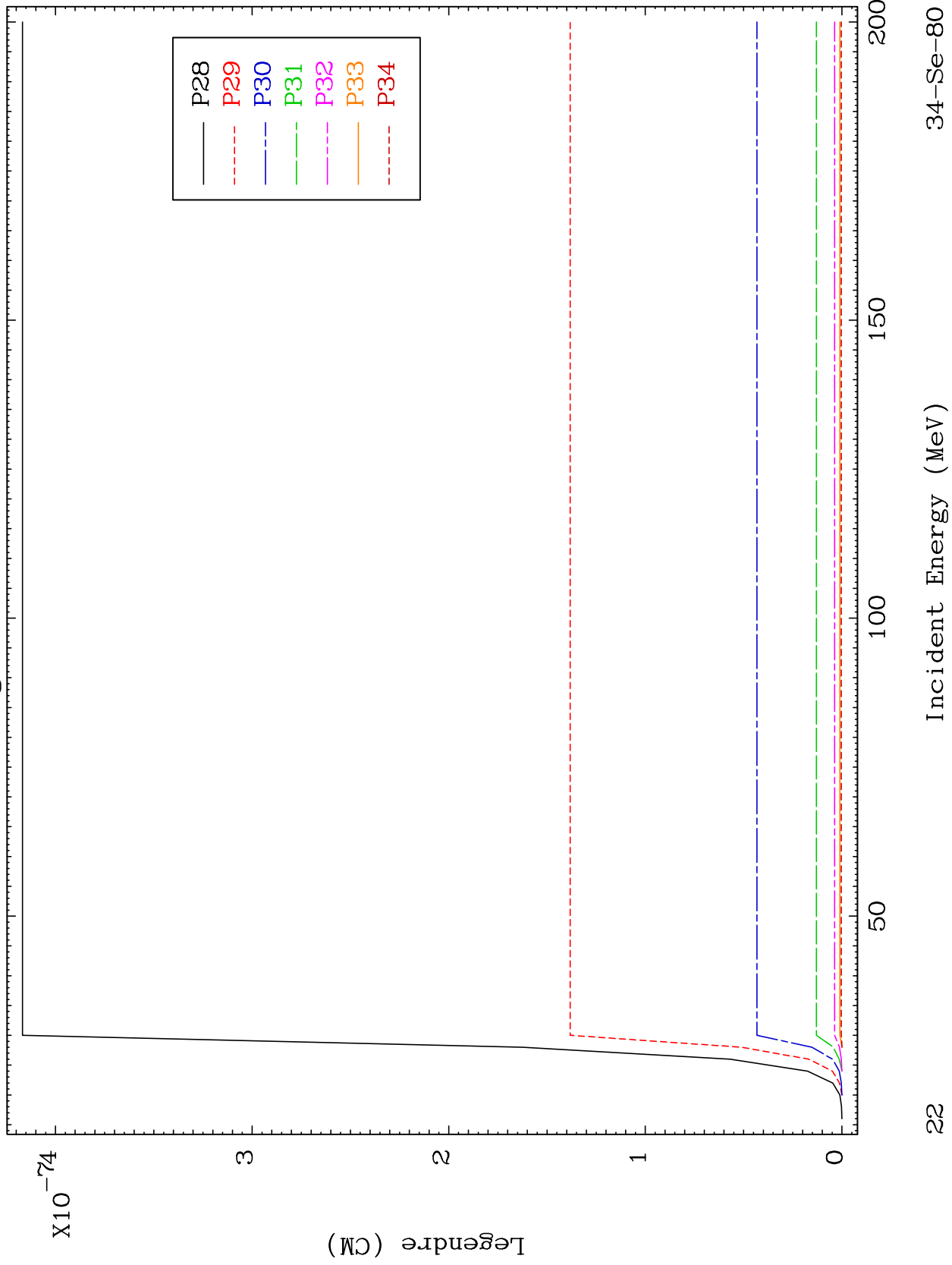


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MAT 3443

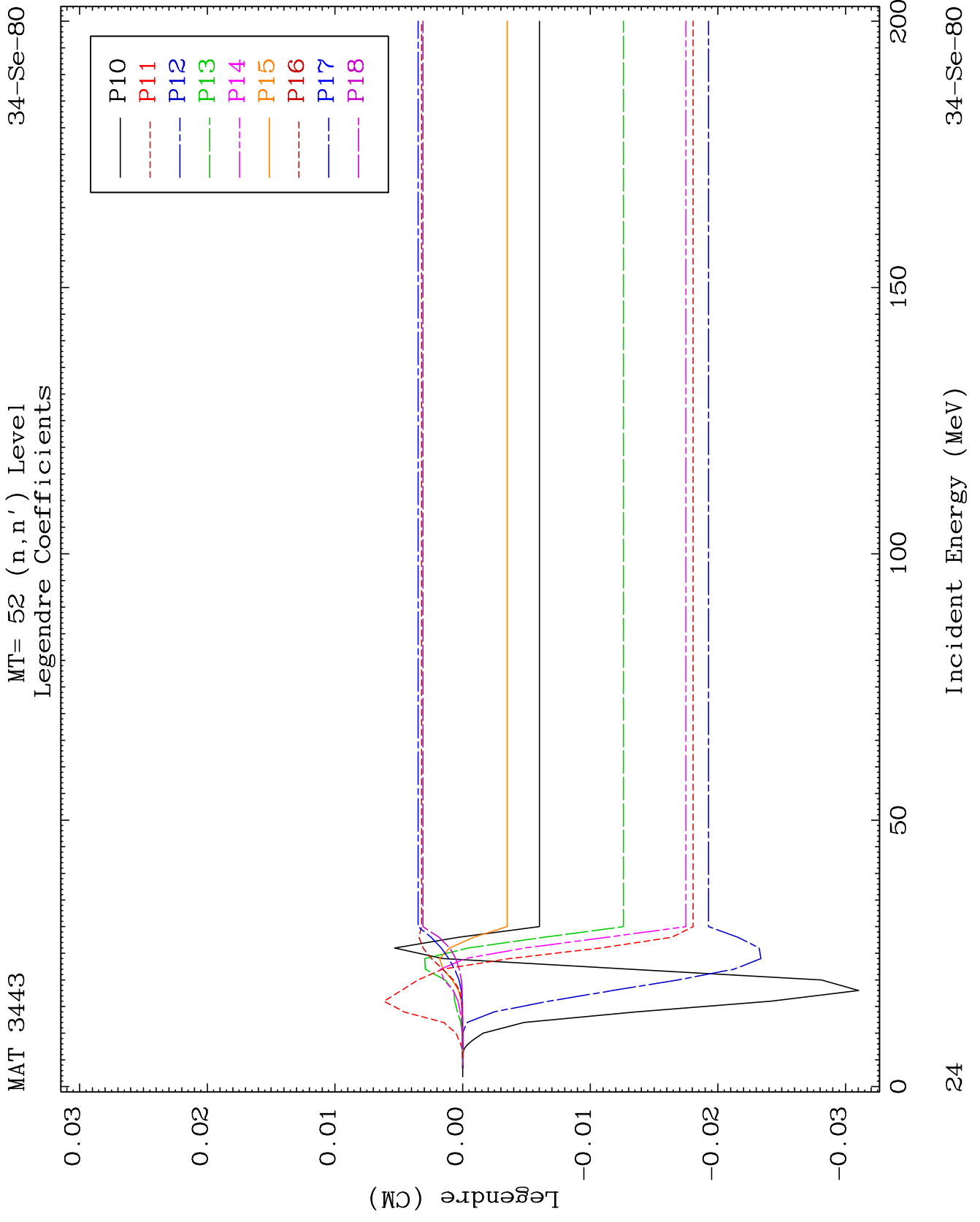
MT= 51 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-80





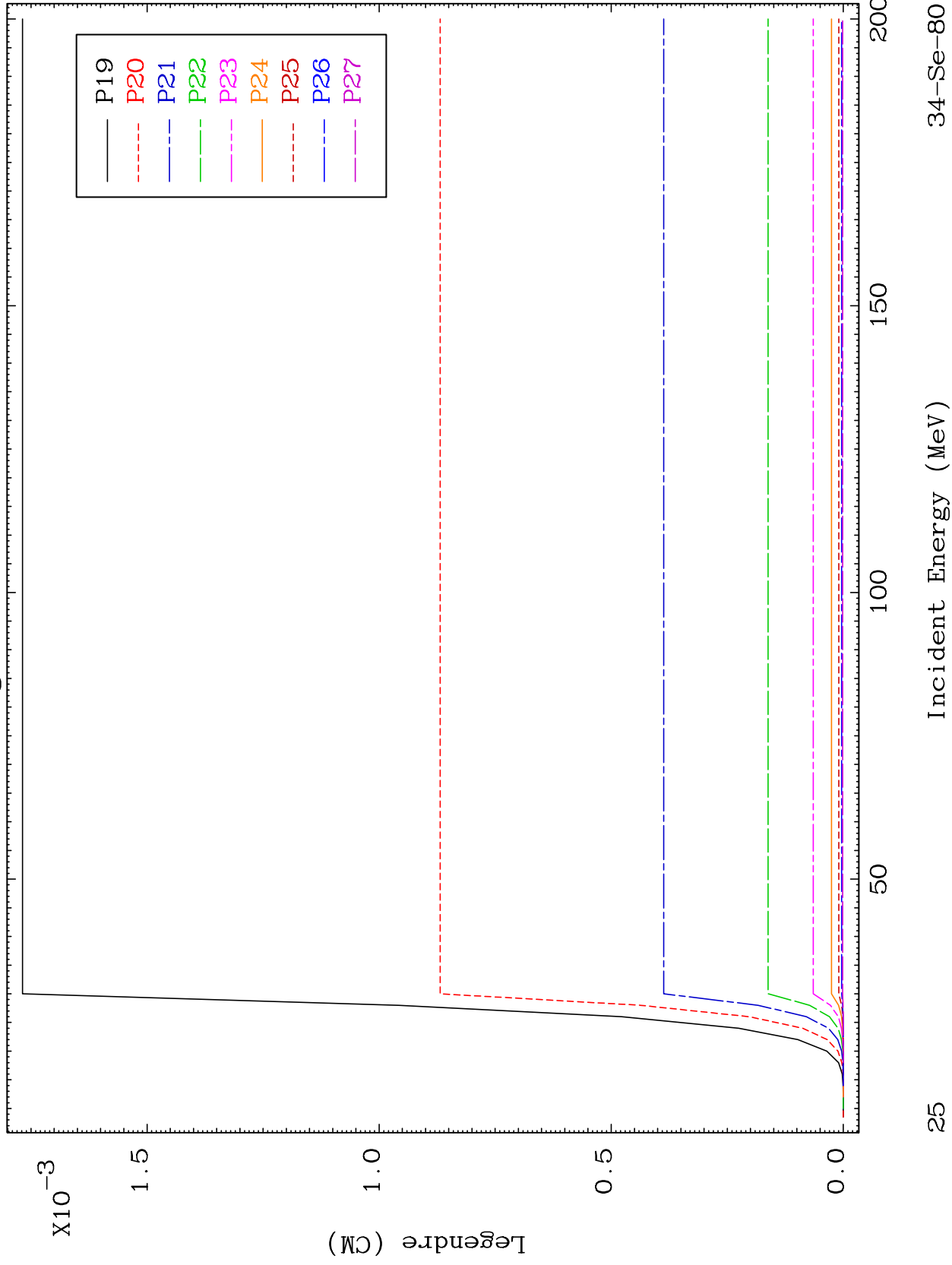




MAT 3443

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

<sup>34</sup>Se-80



25

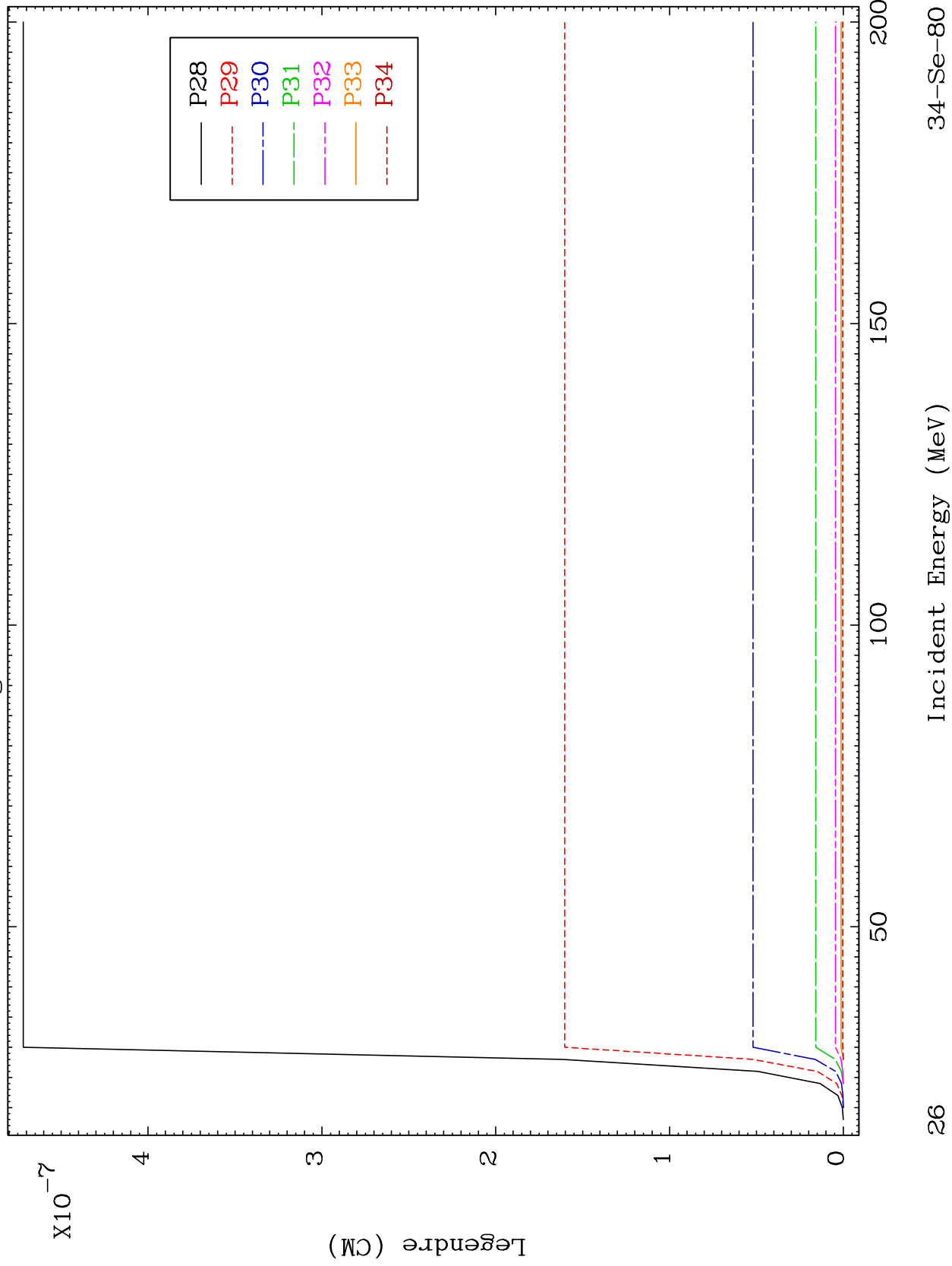
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

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

<sup>34</sup>Se-80



26

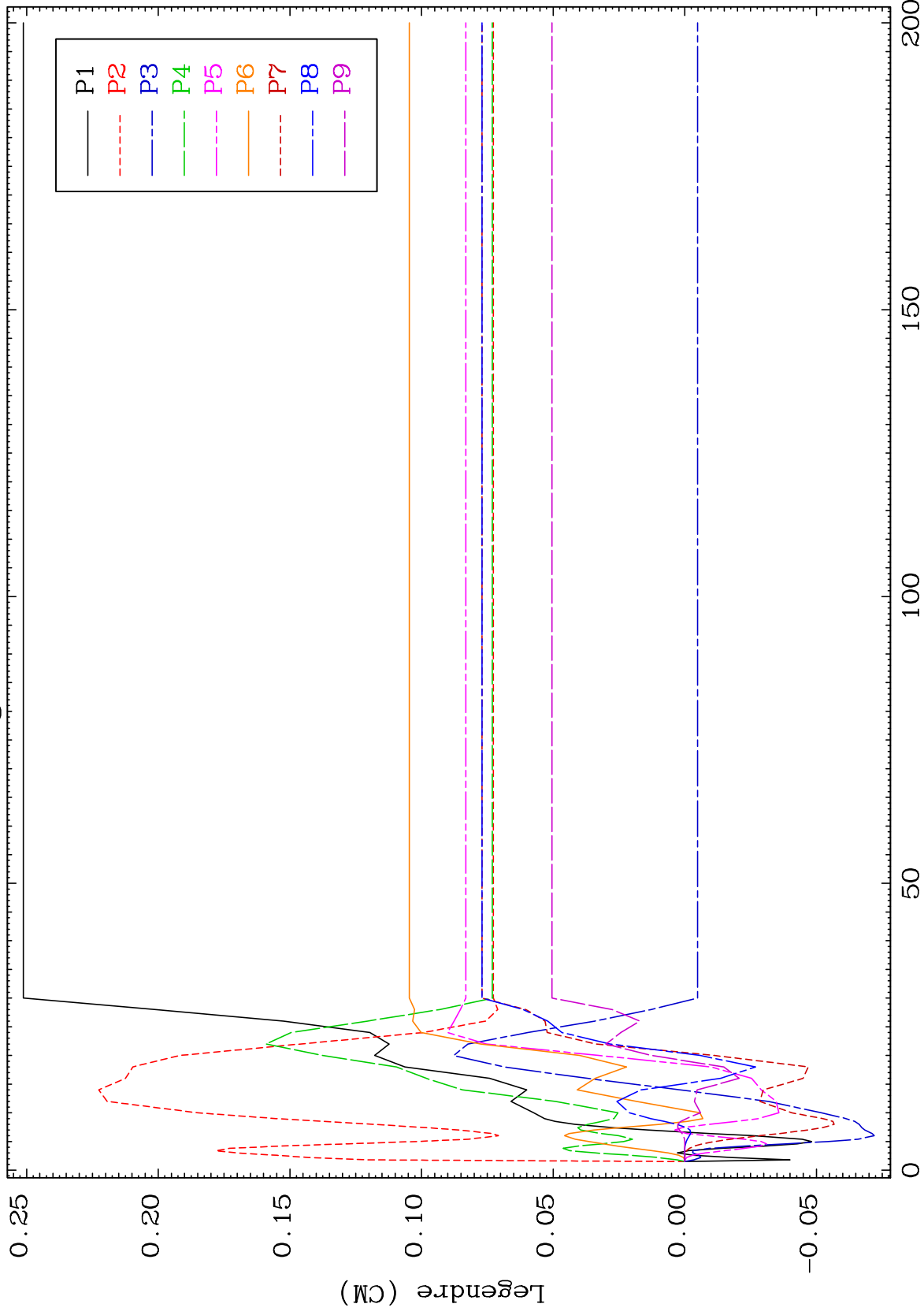
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

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

34-Se-80



27

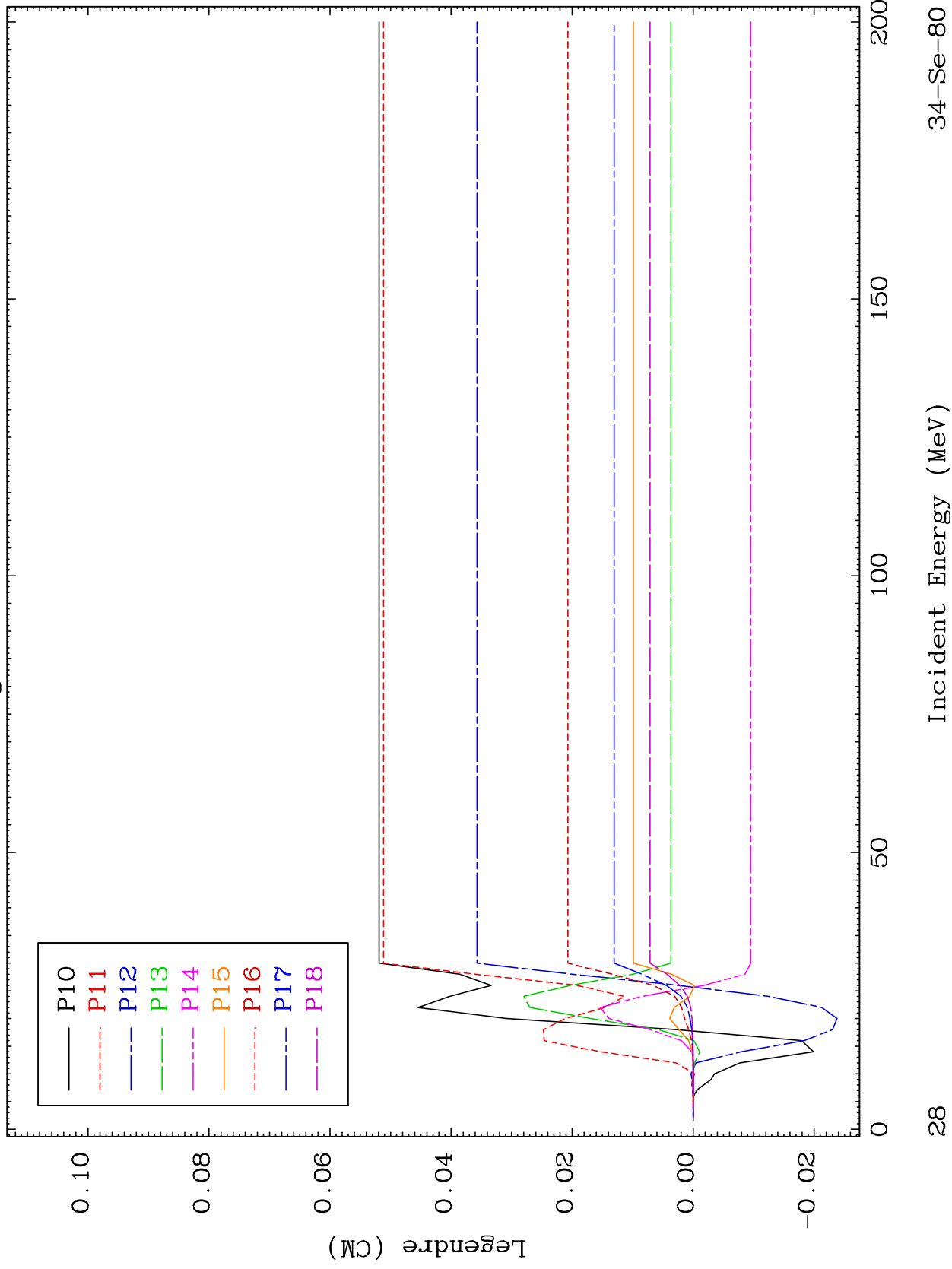
Incident Energy (MeV)

34-Se-80

MAT 3443

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

<sup>34</sup>Se-80



<sup>34</sup>Se-80

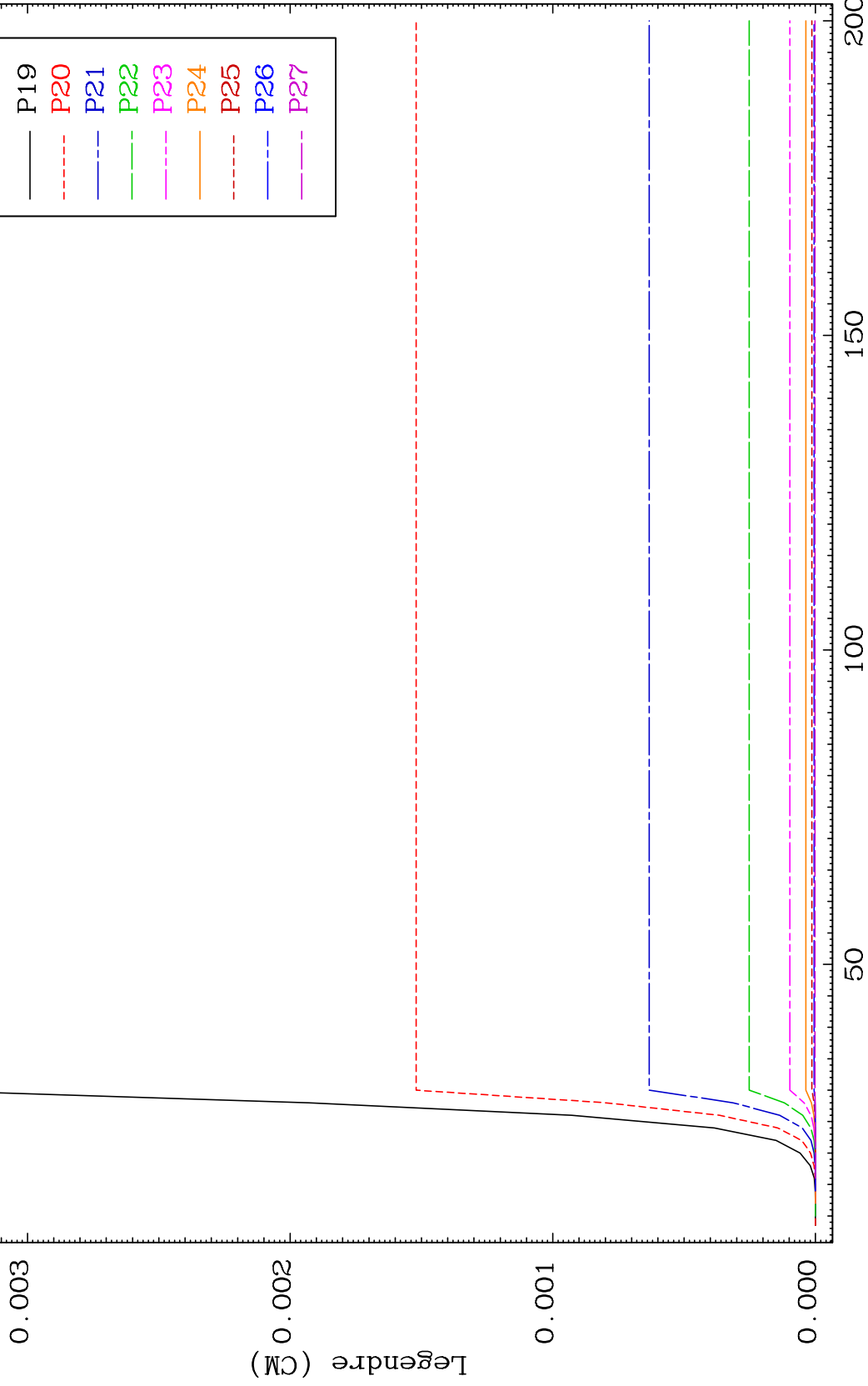
Incident Energy (MeV)

28

MAT 3443

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

<sup>34</sup>Se-80



29

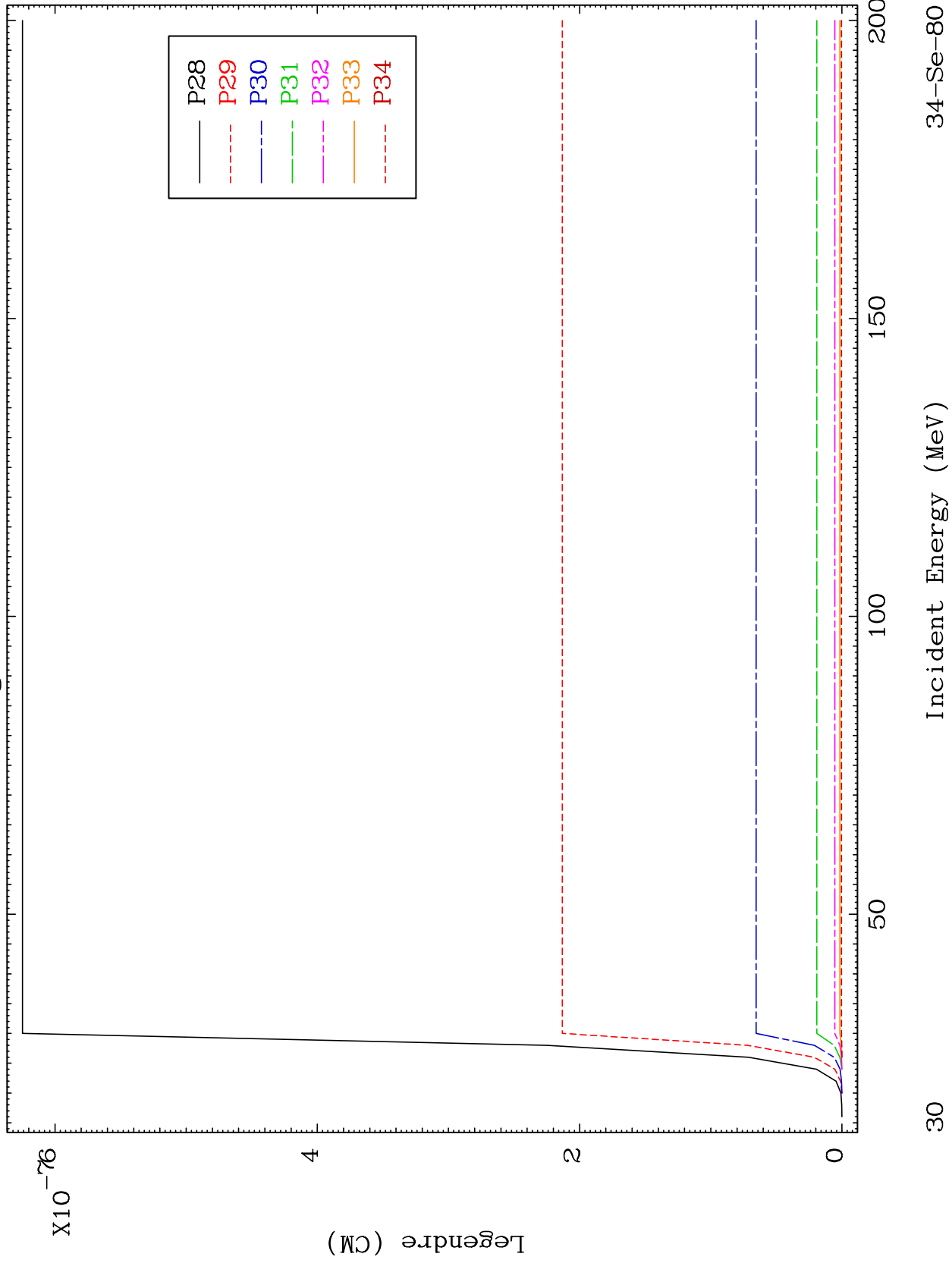
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

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

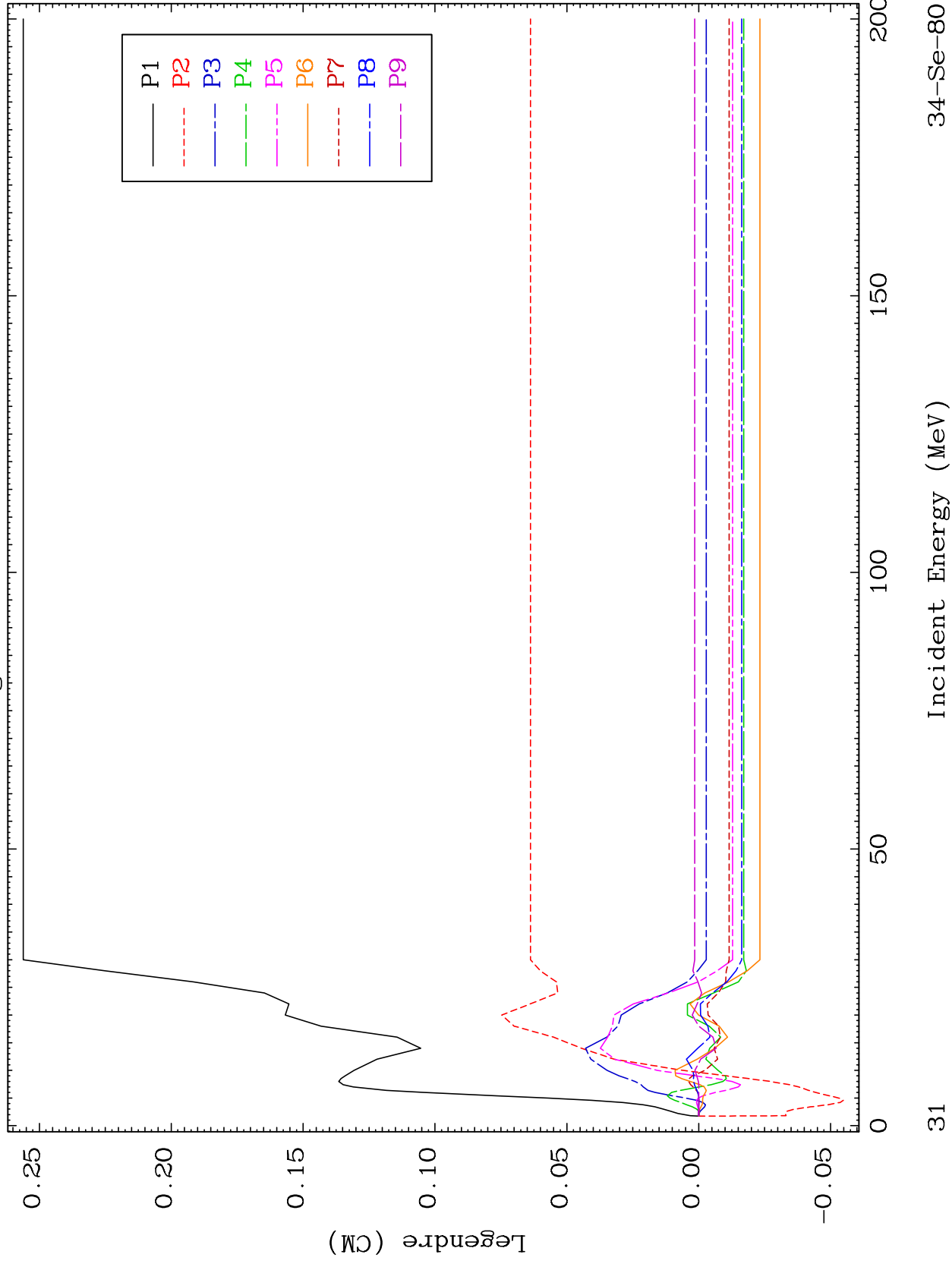
<sup>34</sup>Se-80



MAT 3443

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

34-Se-80



31

Incident Energy (MeV)

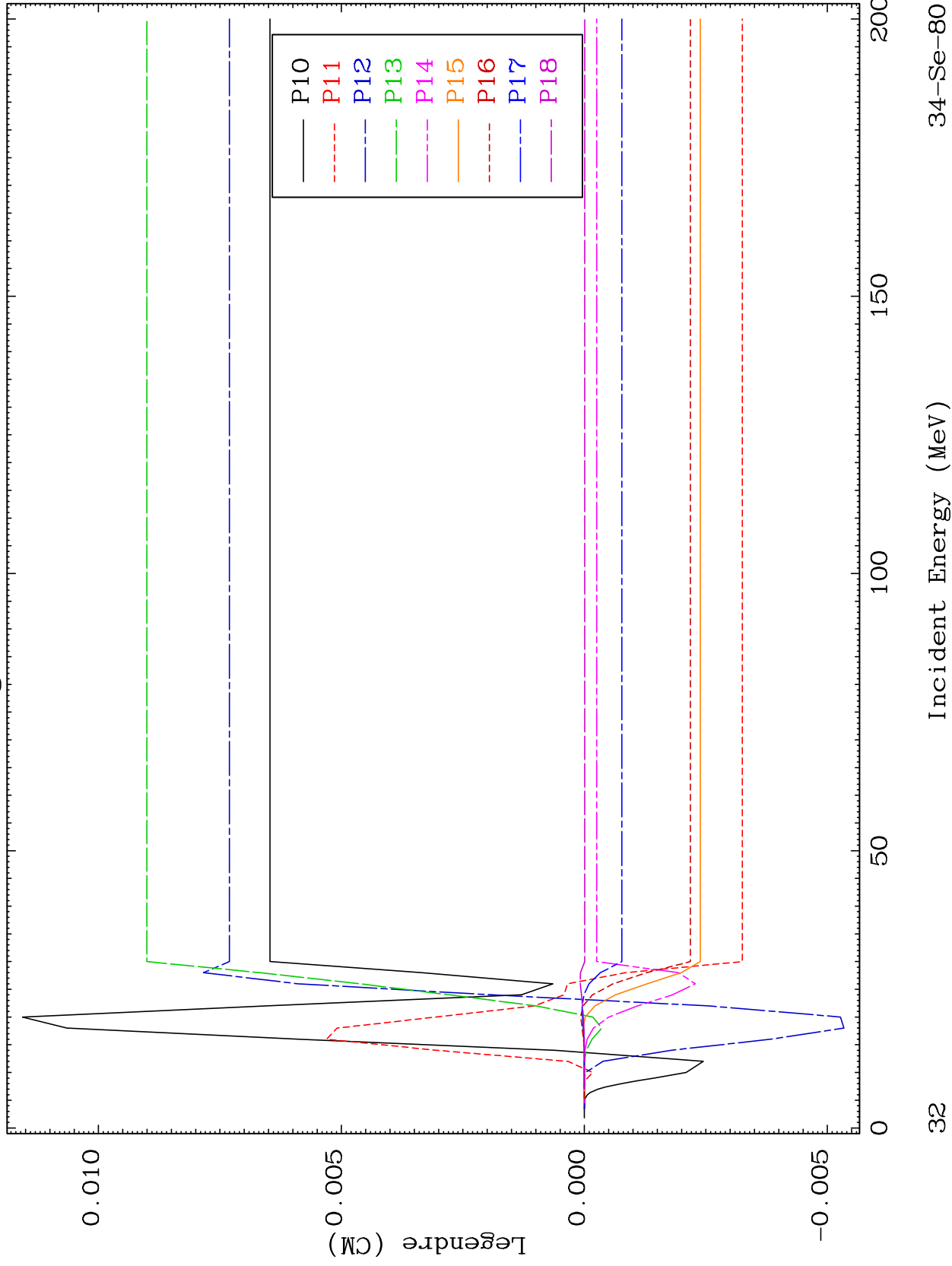
34-Se-80



MAT 3443

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

<sup>34</sup>Se-80



<sup>34</sup>Se-80

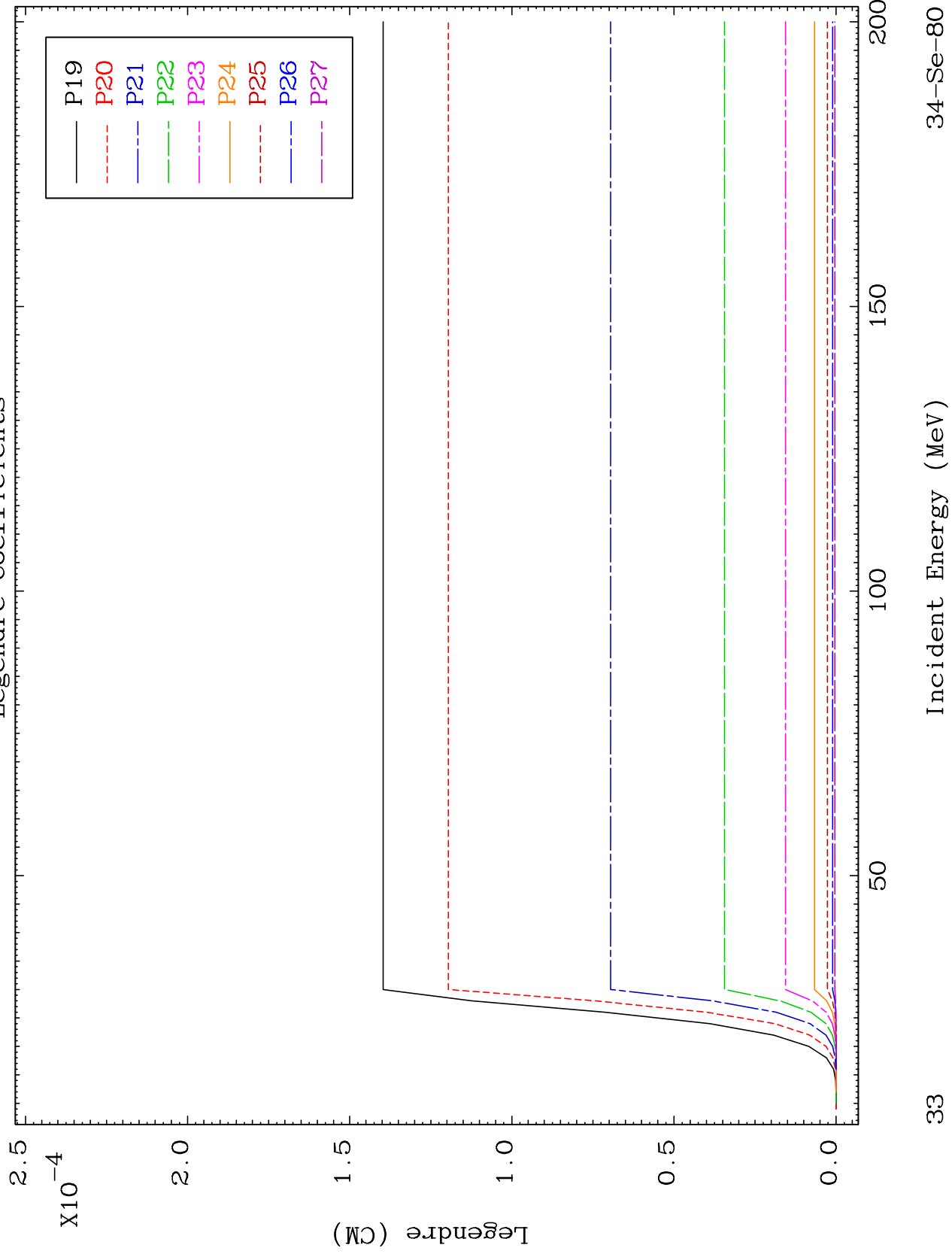
Incident Energy (MeV)

32

MAT 3443

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

<sup>34</sup>Se-80



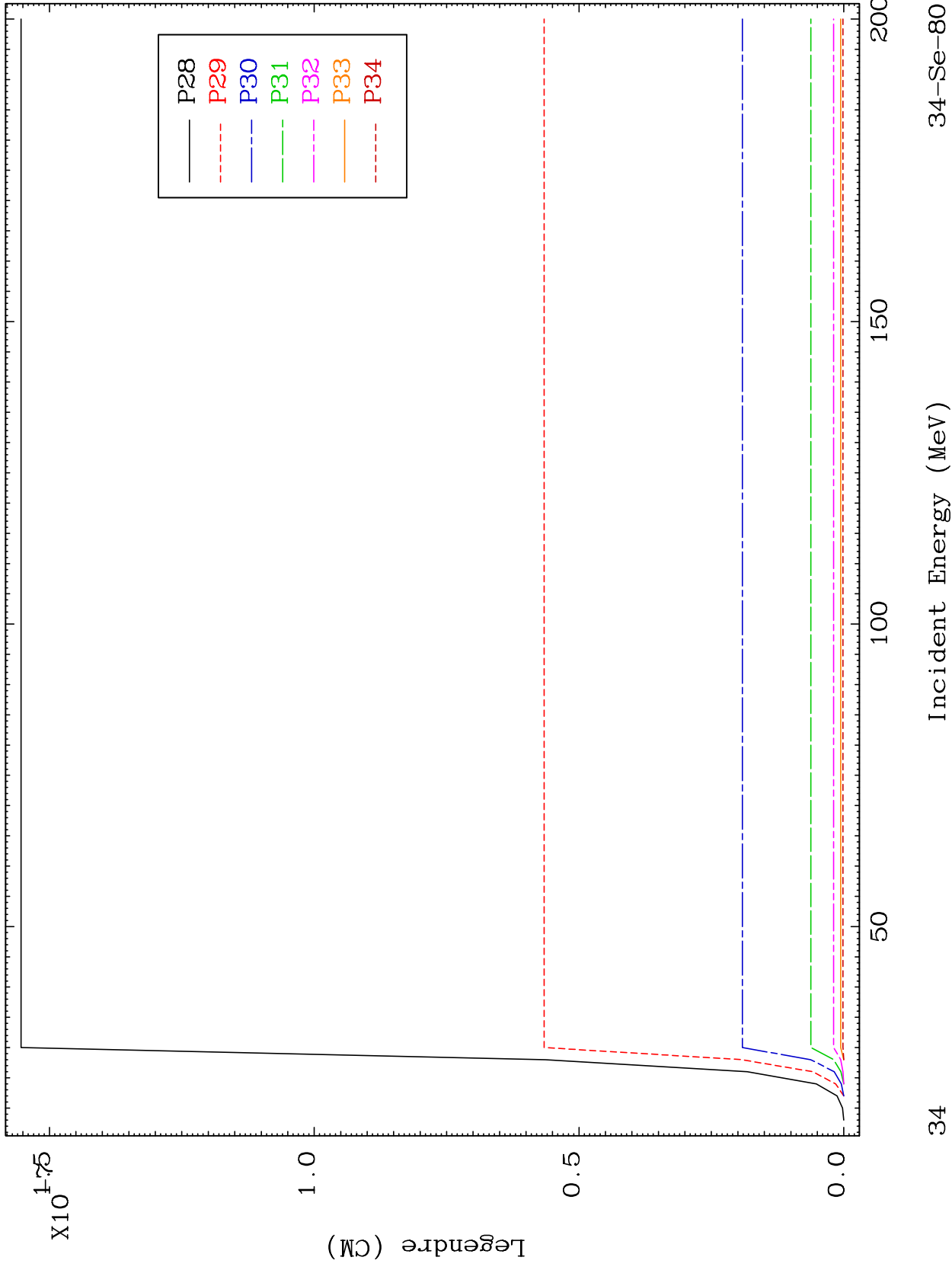
33

<sup>34</sup>Se-80

MAT 3443

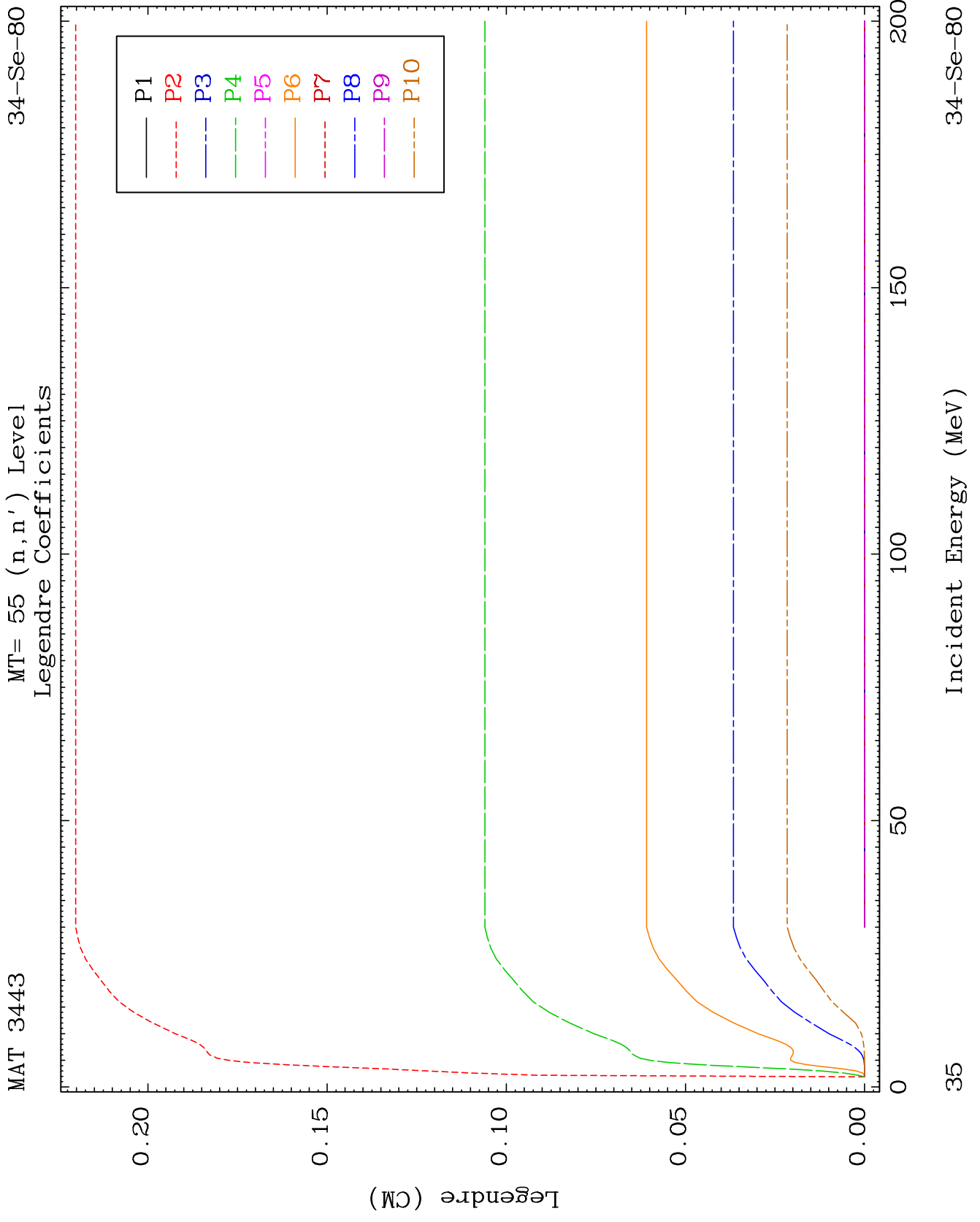
MT= 54 (n,n') Level  
Legendre Coefficients

34-Se-80



34

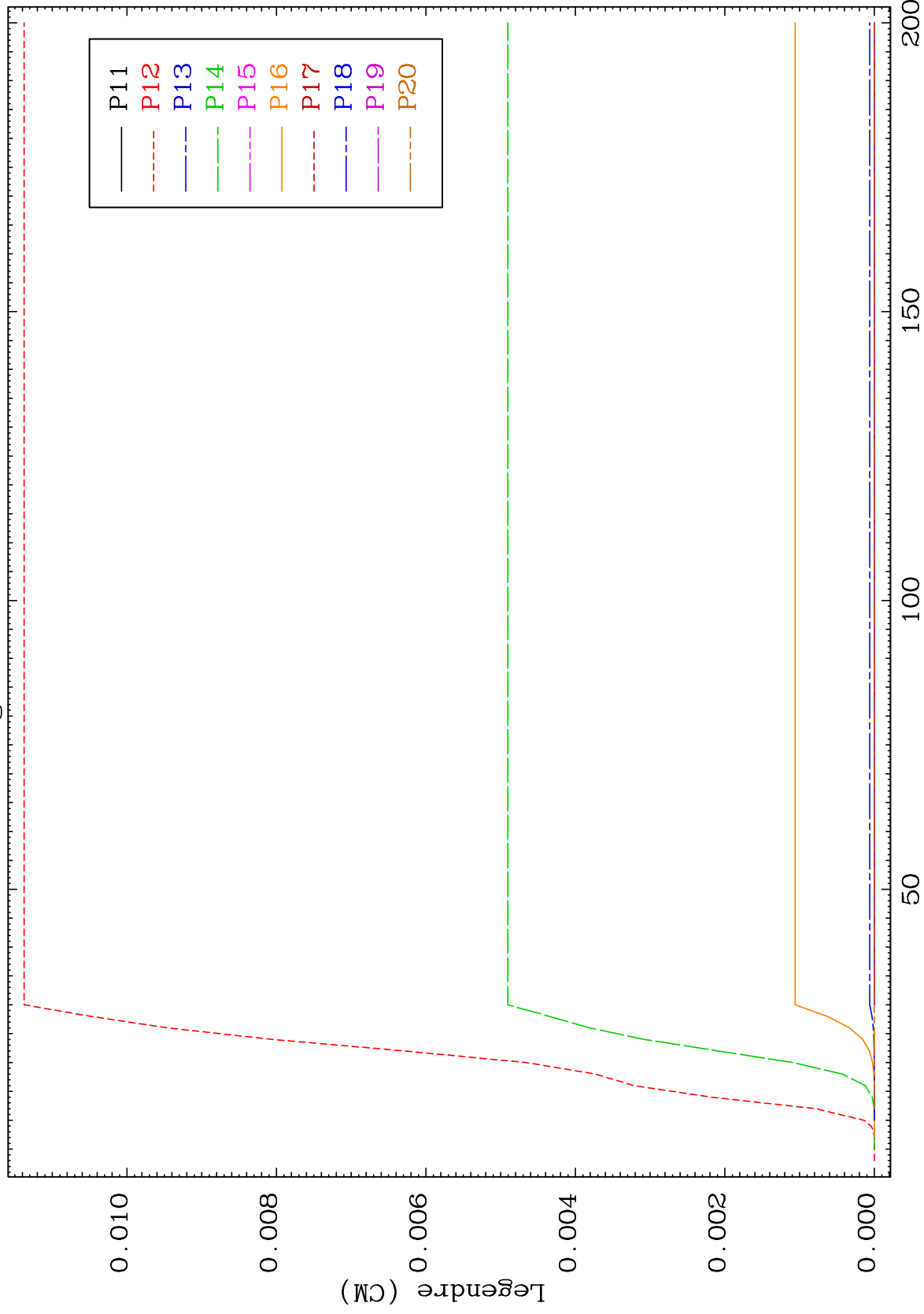
34-Se-80



MAT 3443

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

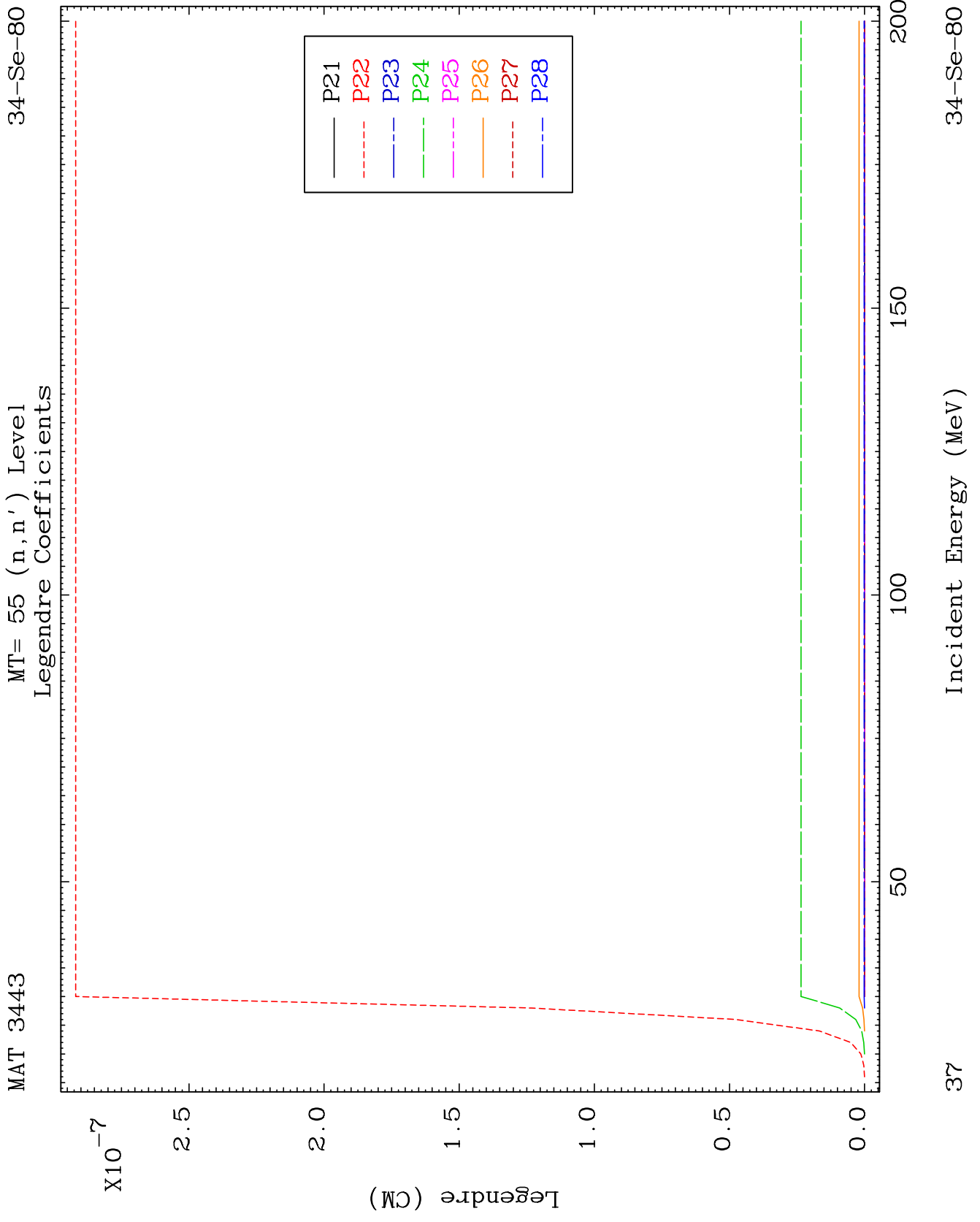
34-Se-80



36

Incident Energy (MeV)

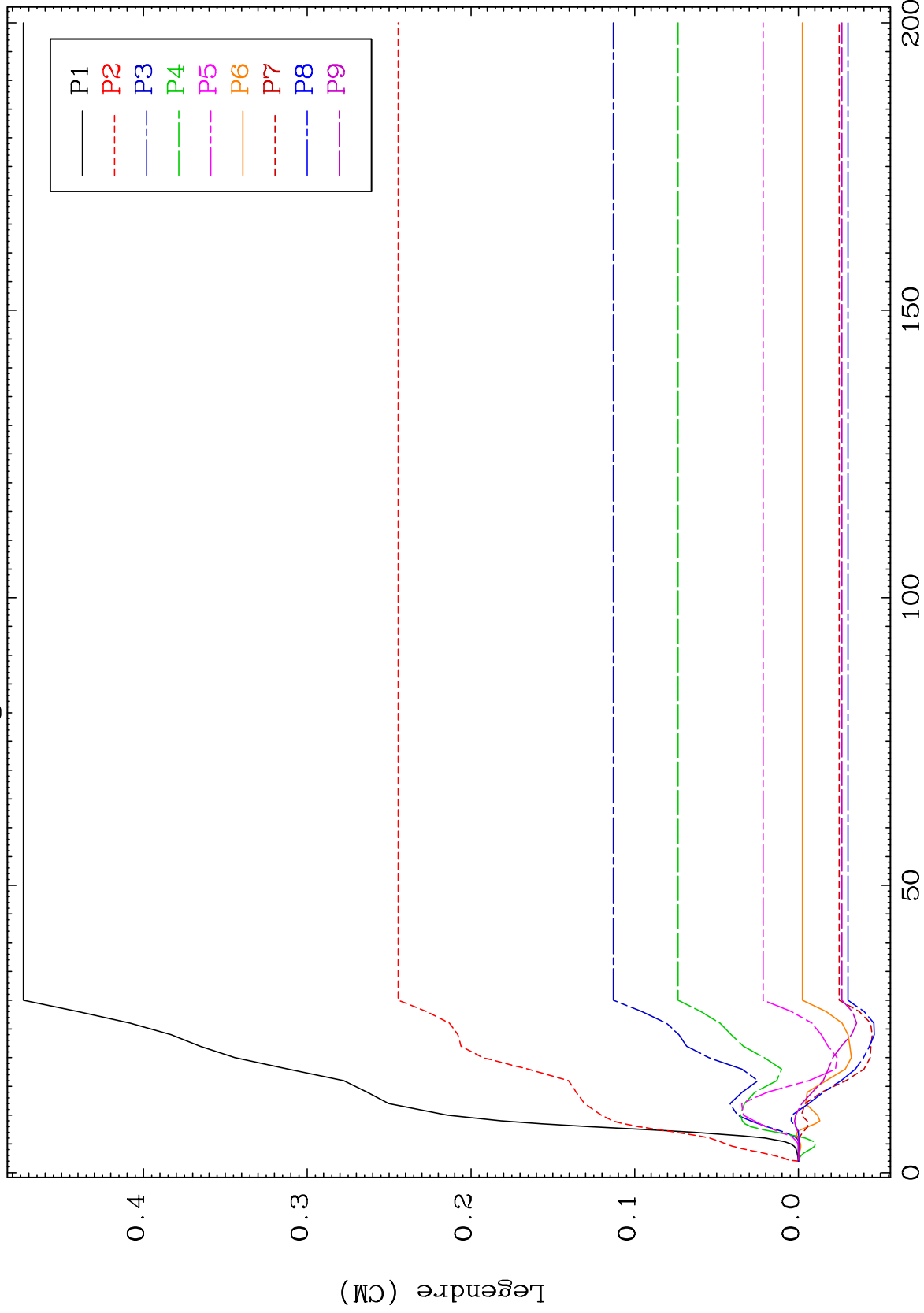
34-Se-80



MAT 3443

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

34-Se-80



38

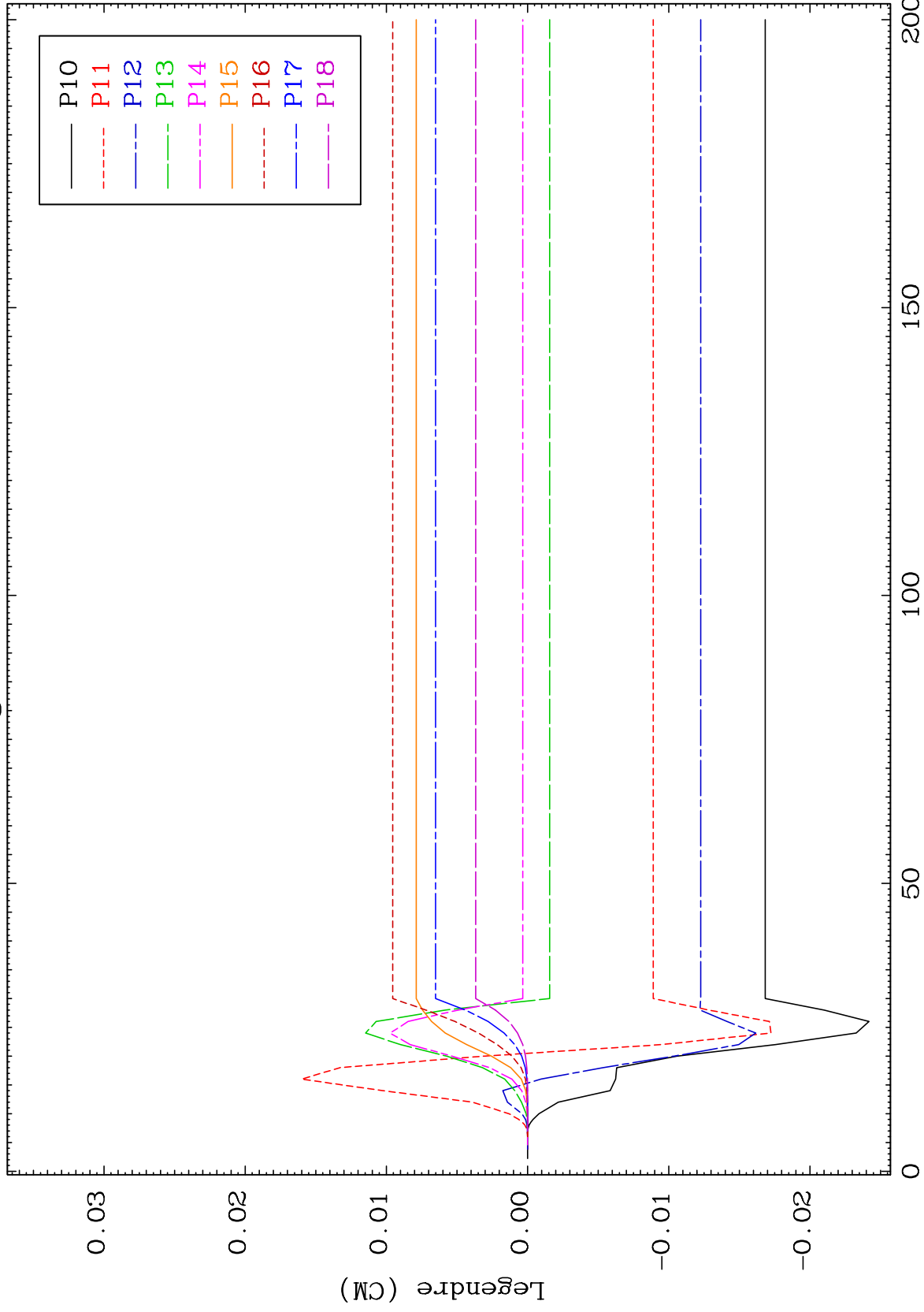
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80



39

Incident Energy (MeV)

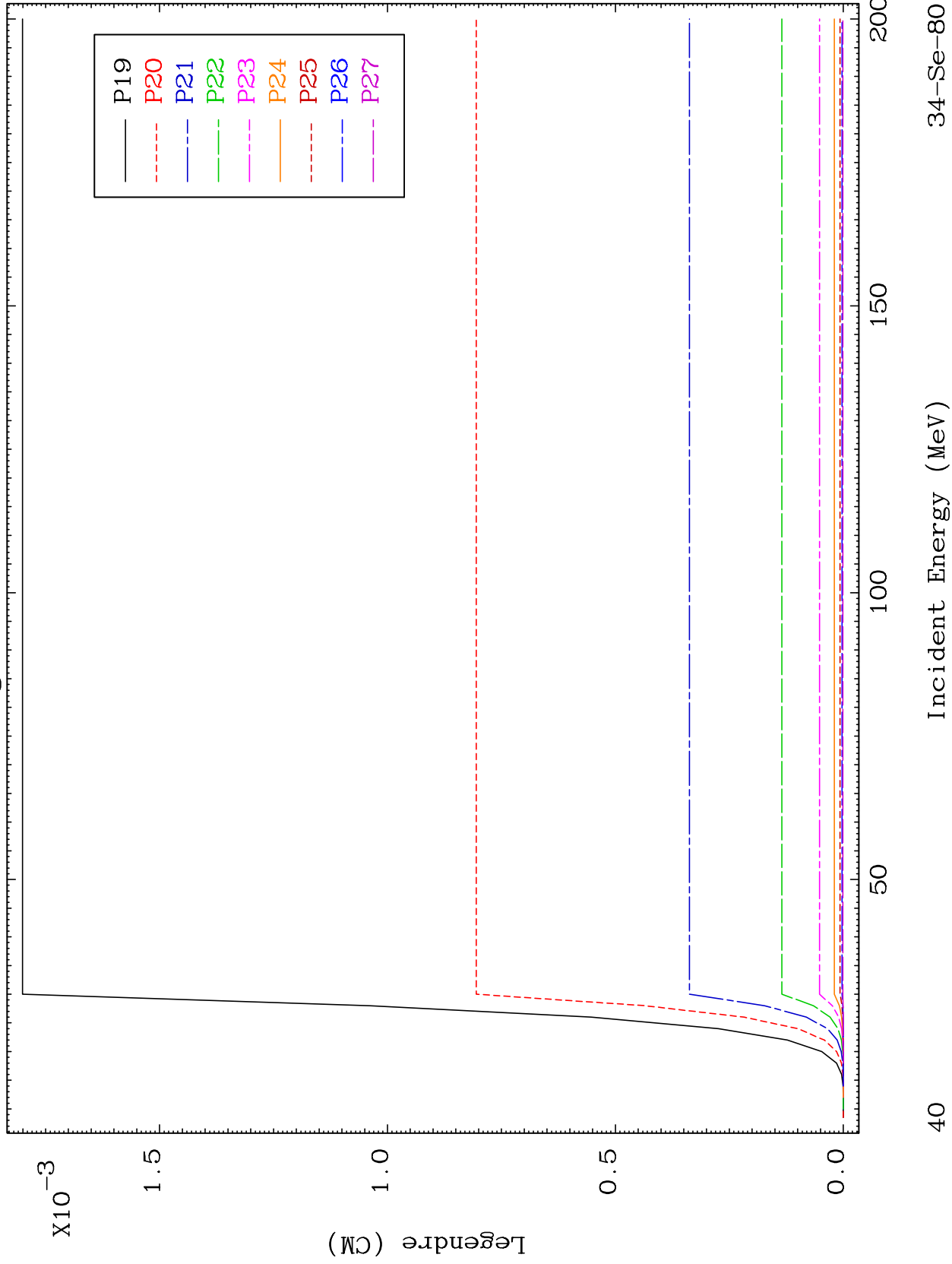
34-Se-80



MAT 3443

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

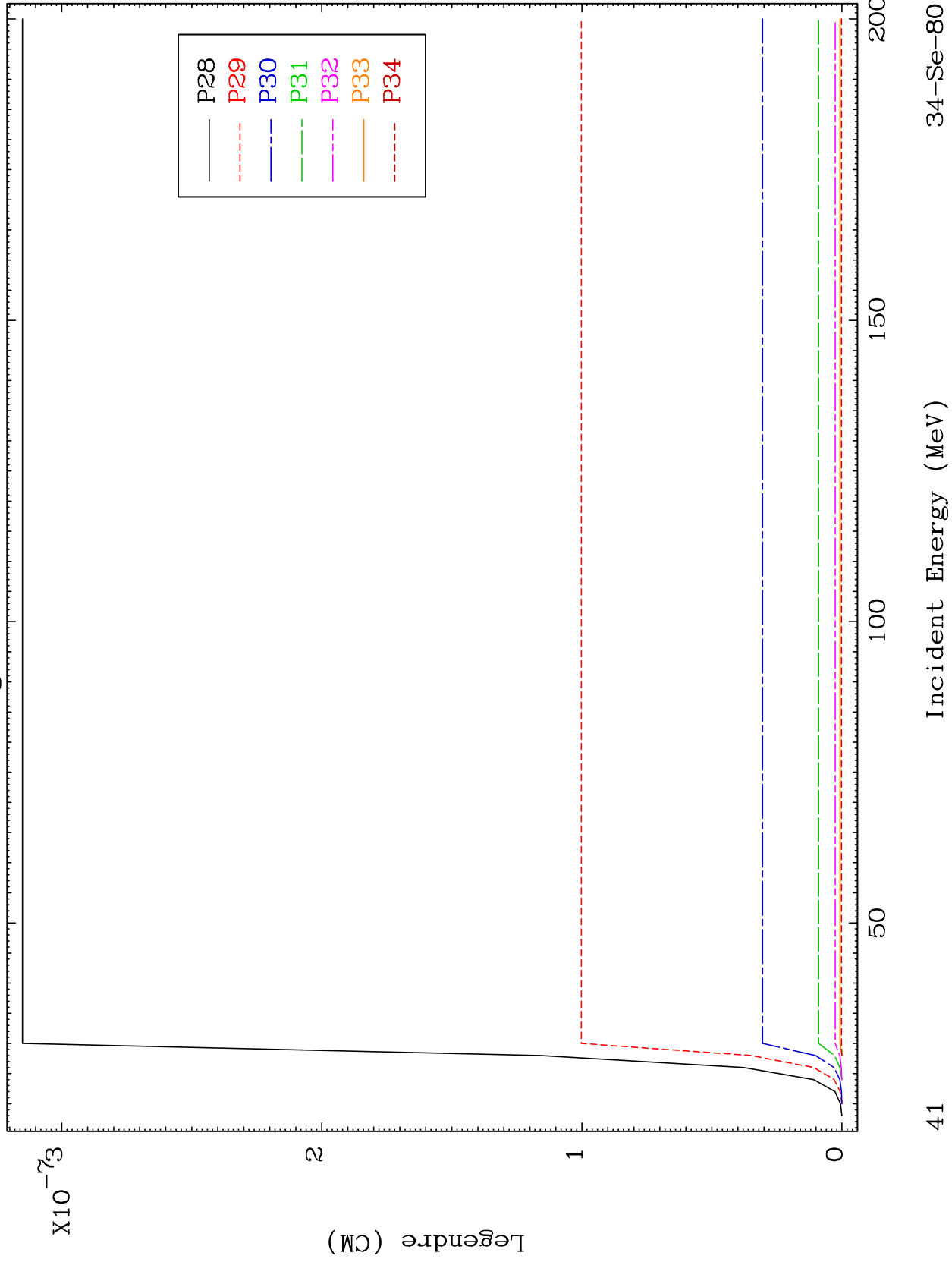
<sup>34</sup>Se-80

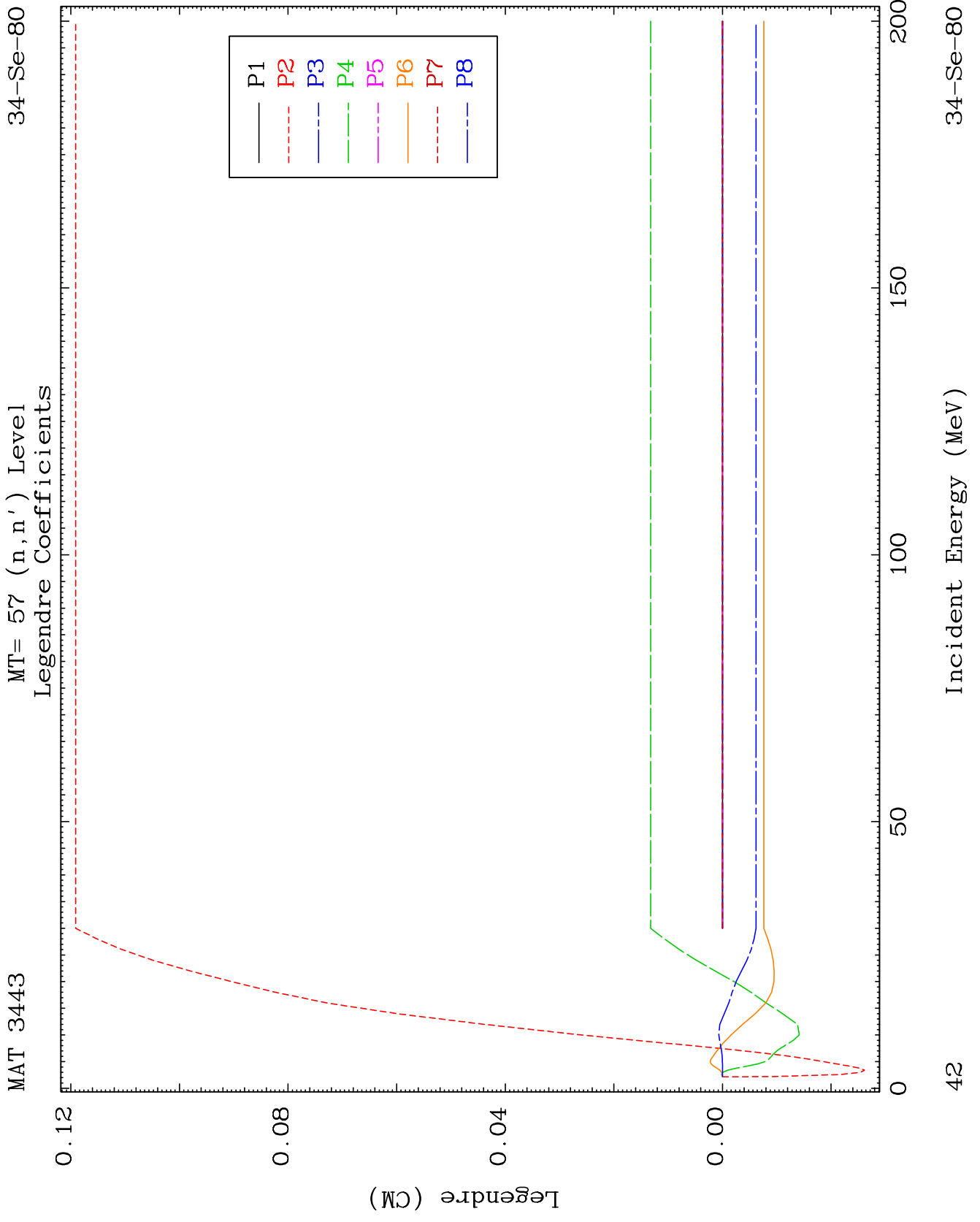


MAT 3443

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

34-Se-80

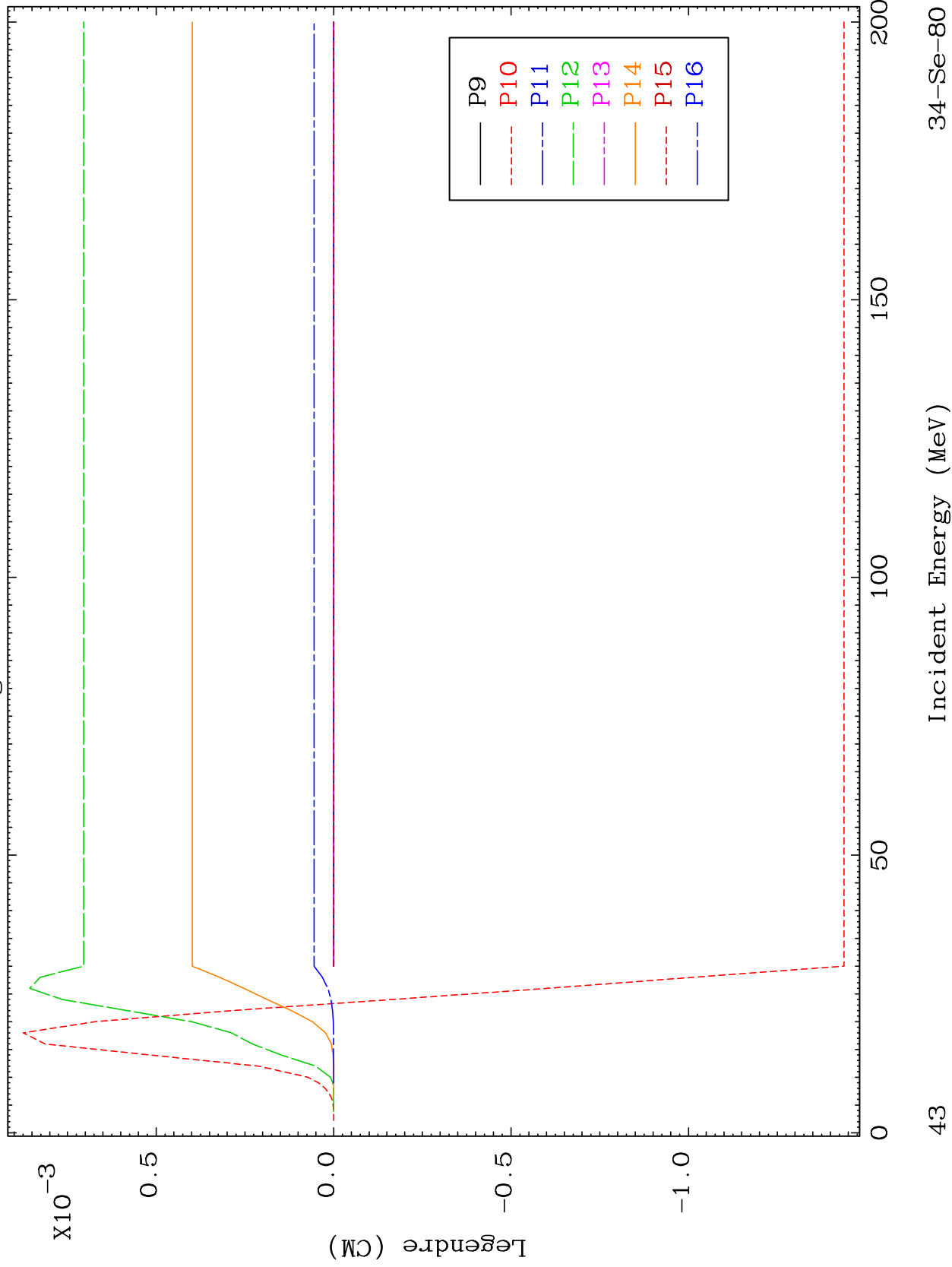




MAT 3443

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

34-Se-80



43

Incident Energy (MeV)

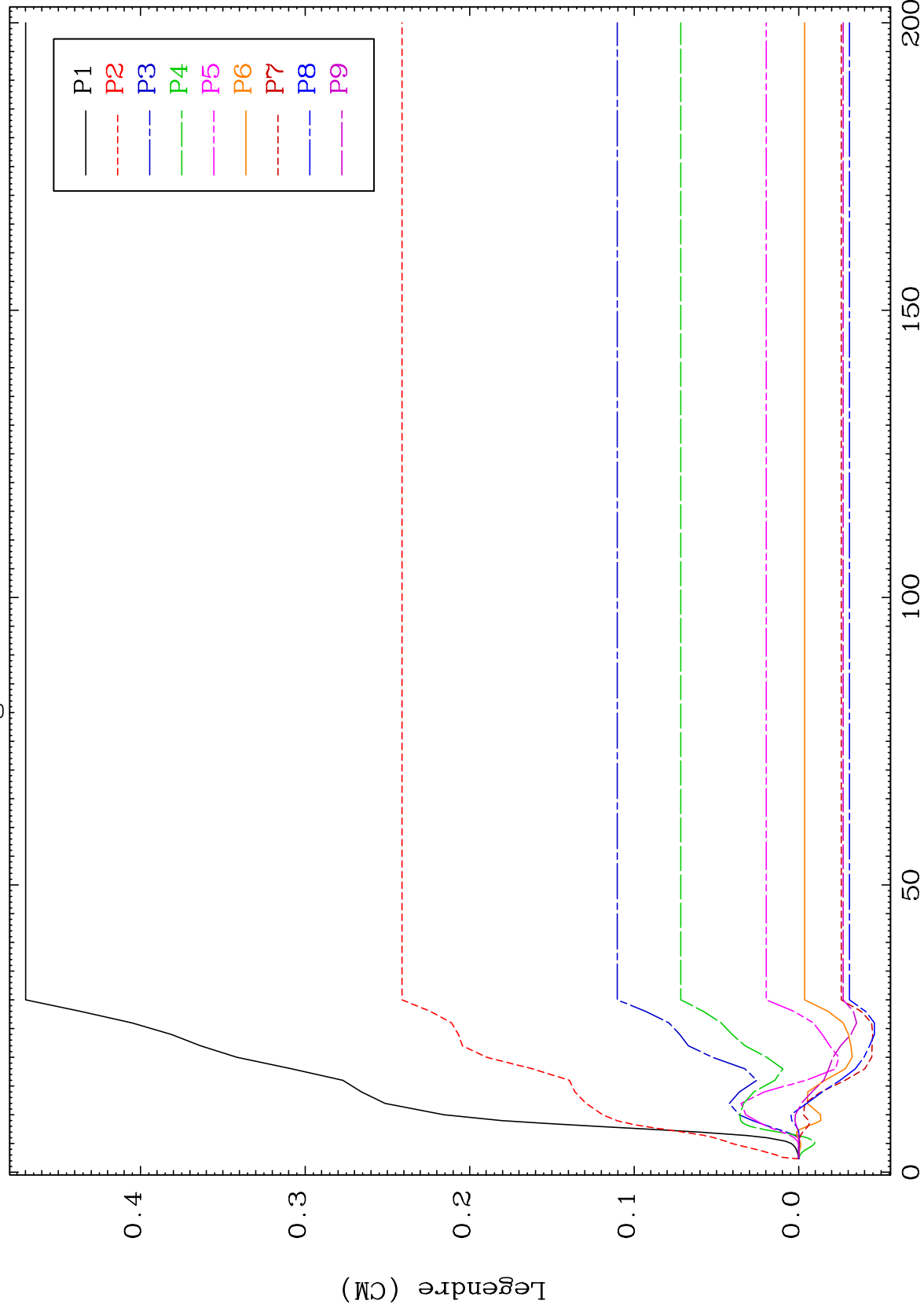
34-Se-80



MAT 3443

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

<sup>34</sup>Se-80



<sup>34</sup>Se-80

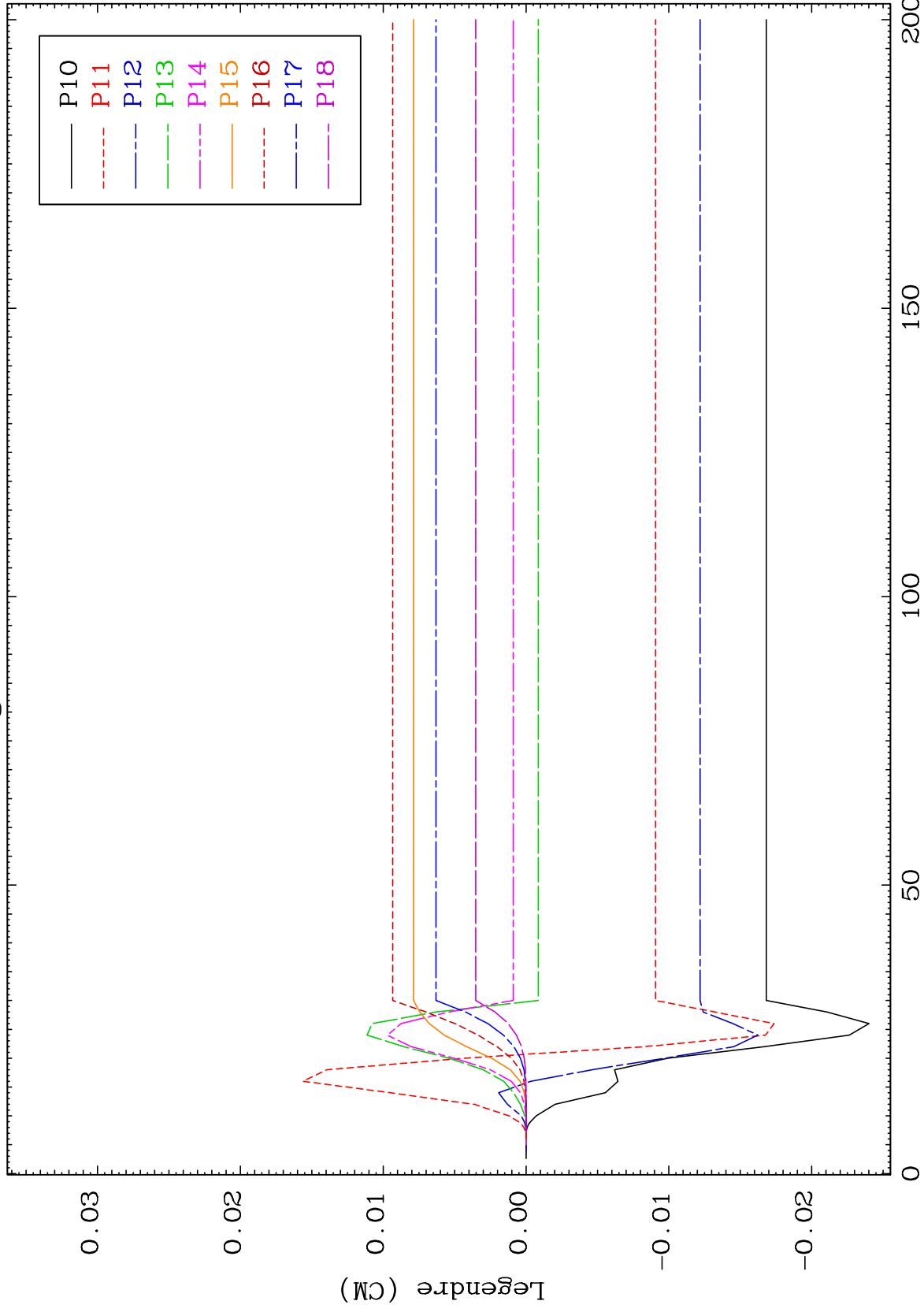
Incident Energy (MeV)

45

MAT 3443

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

34-Se-80



46

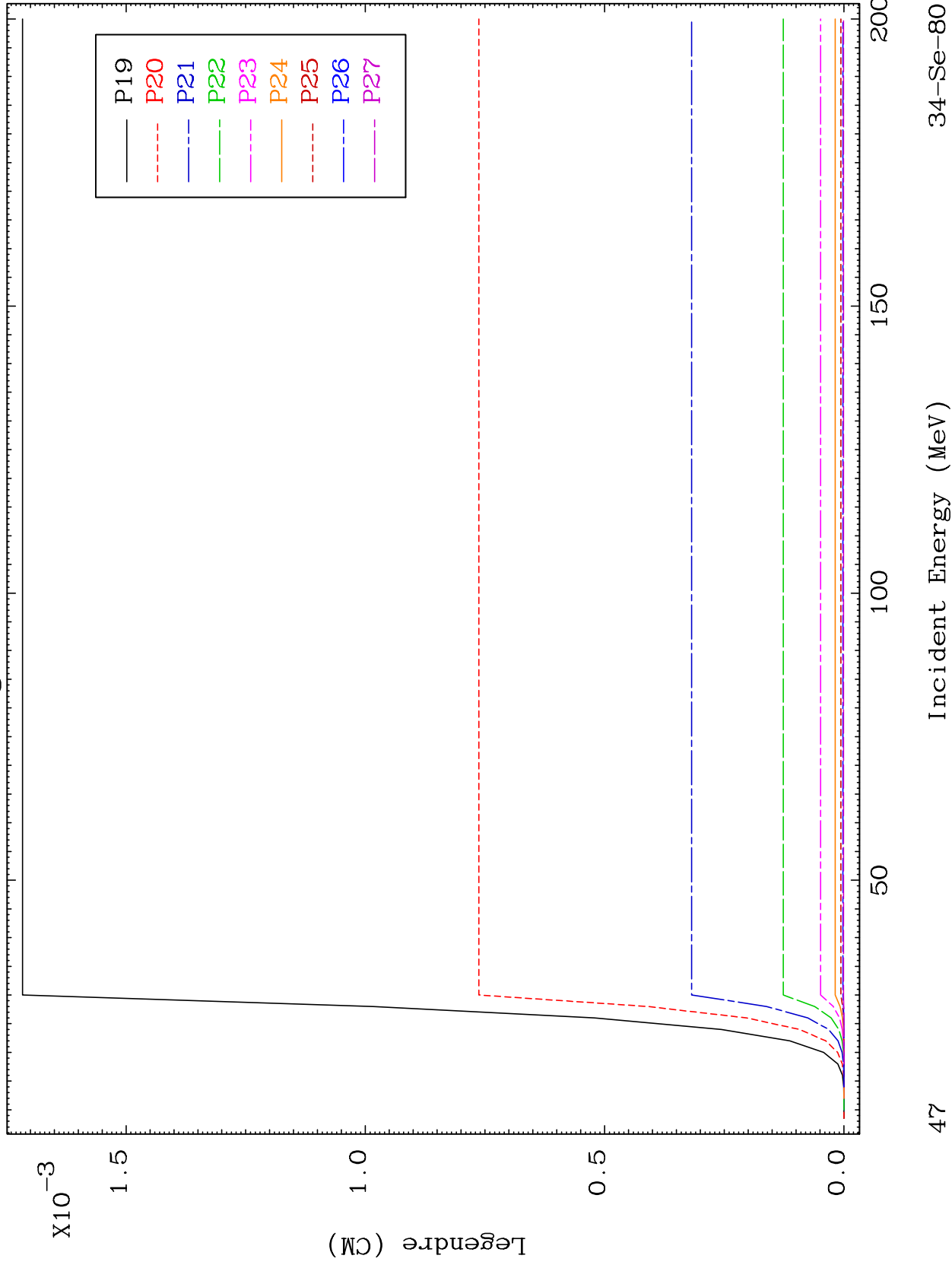
Incident Energy (MeV)

34-Se-80

MAT 3443

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

<sup>34</sup>Se-80



47

Incident Energy (MeV)

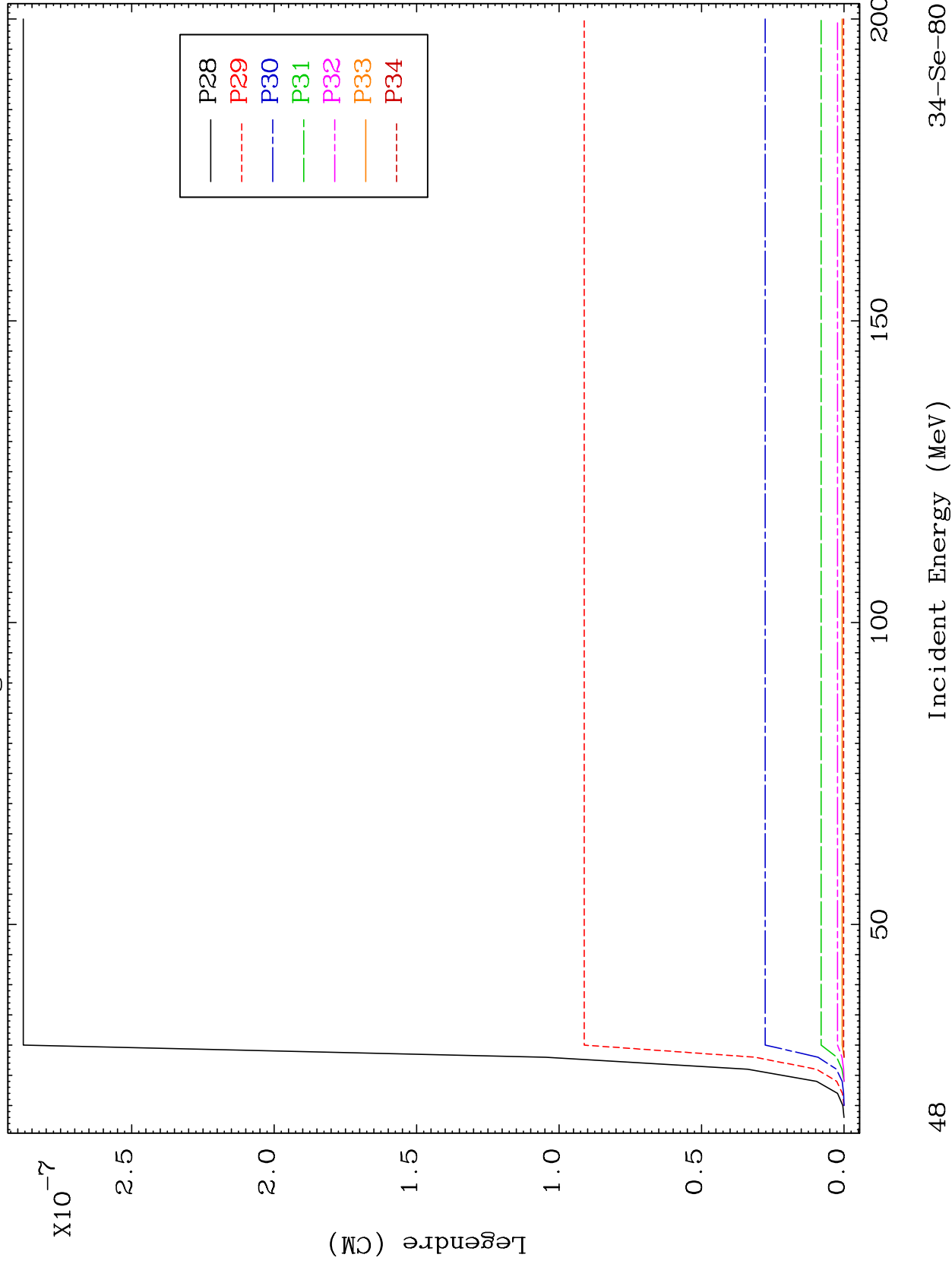
<sup>34</sup>Se-80



MAT 3443

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

34-Se-80



48

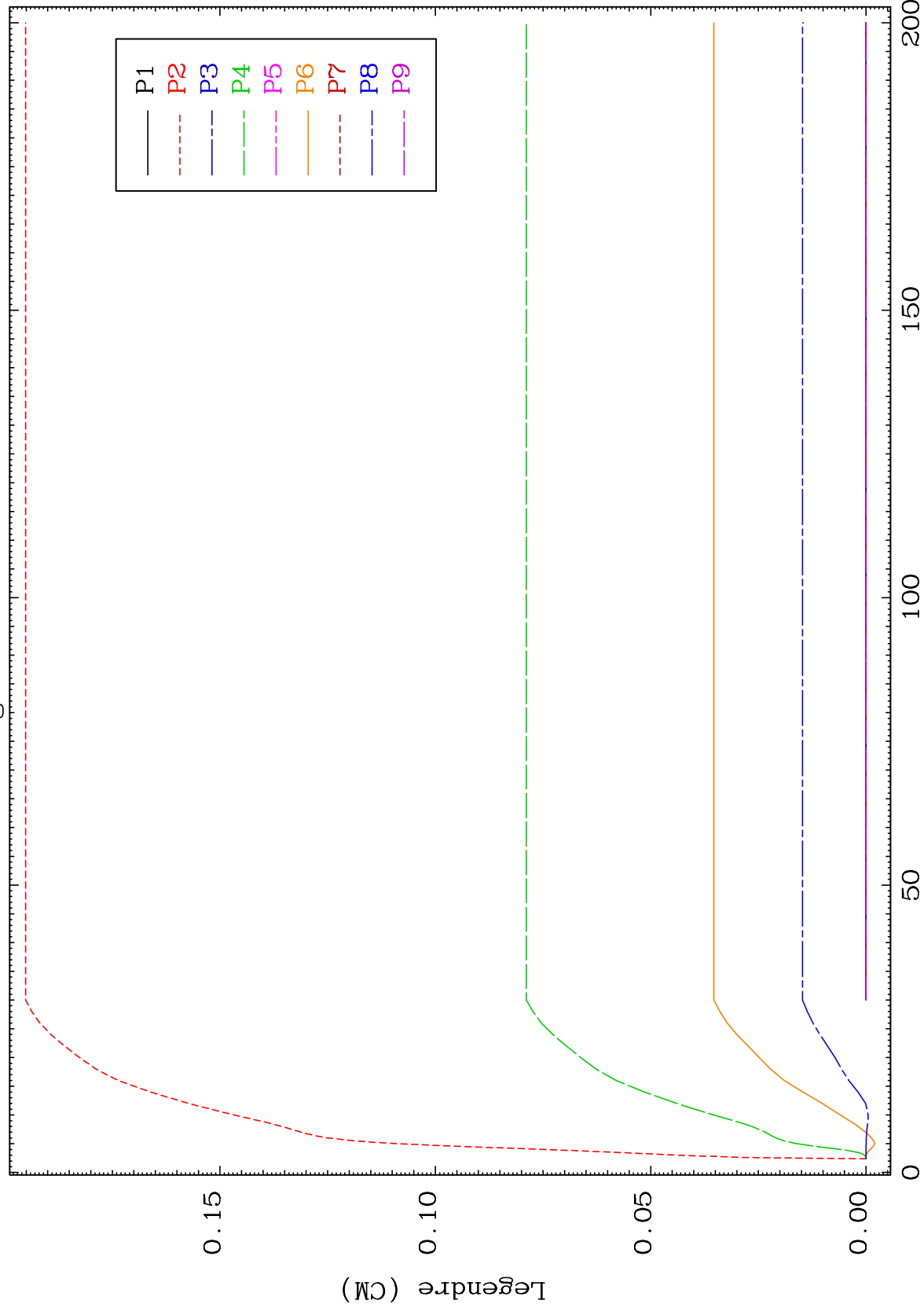
Incident Energy (MeV)

34-Se-80

MAT 3443

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

34-Se-80

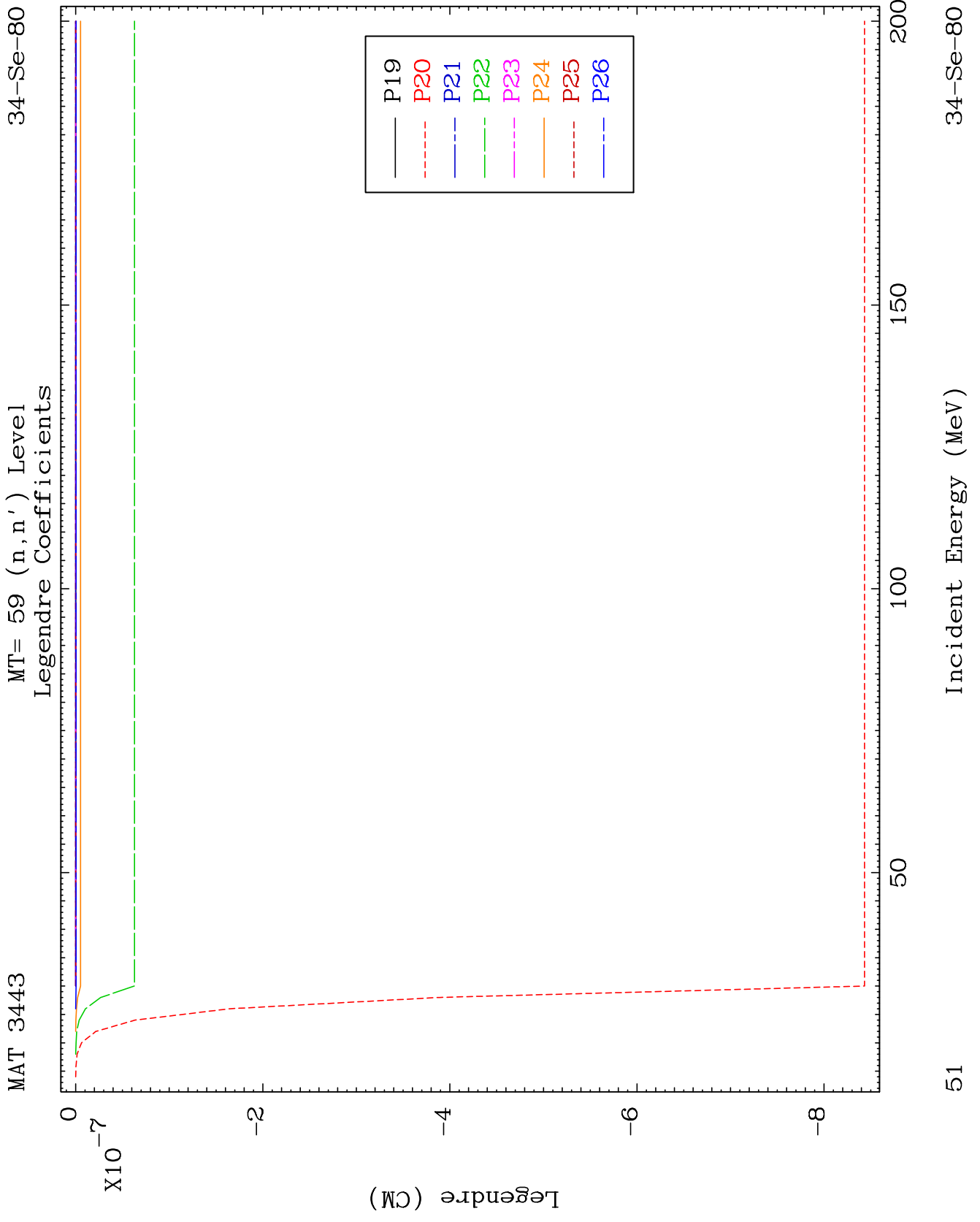


49

Incident Energy (MeV)

34-Se-80

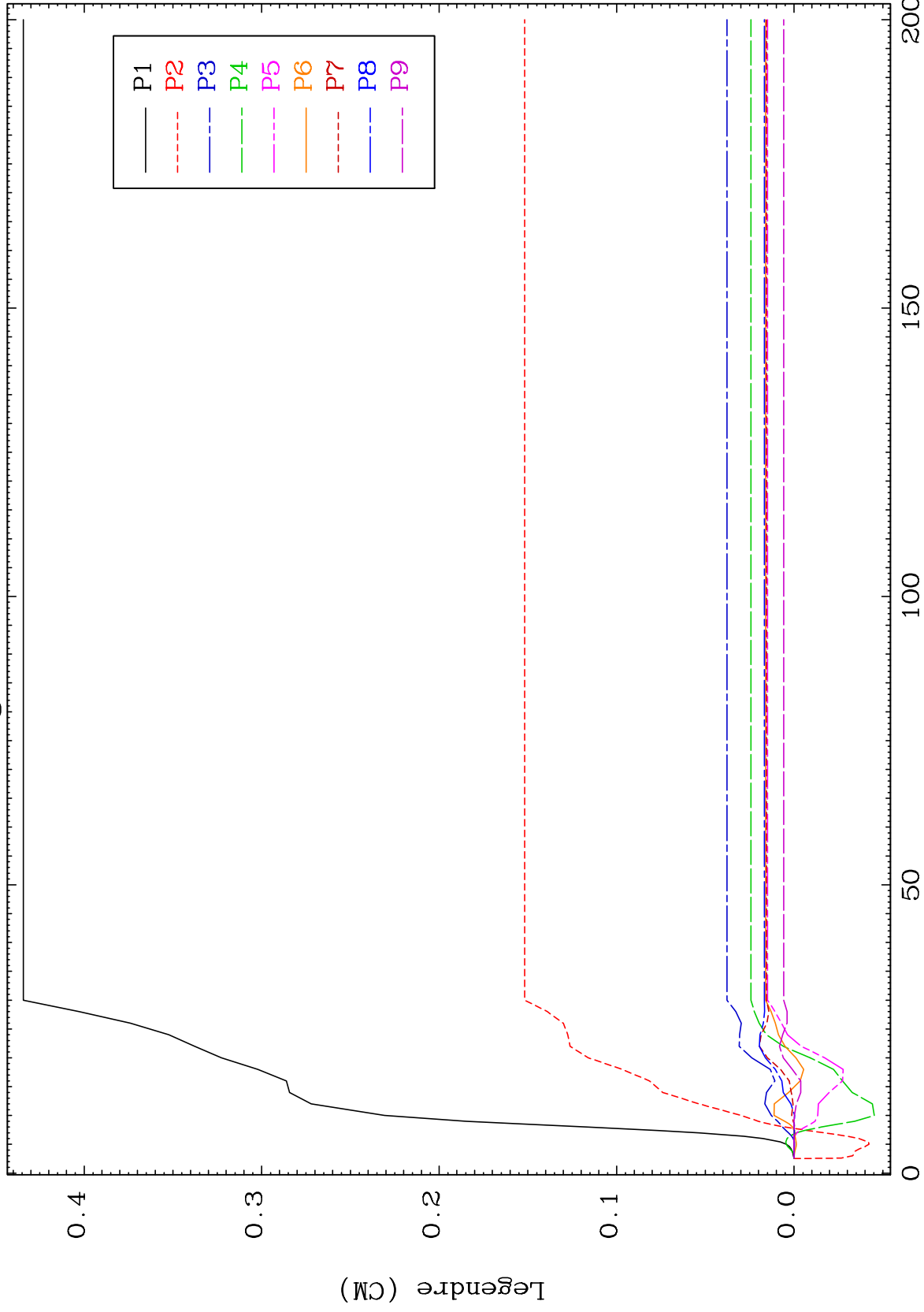




MAT 3443

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

<sup>34</sup>Se-80



<sup>34</sup>Se-80

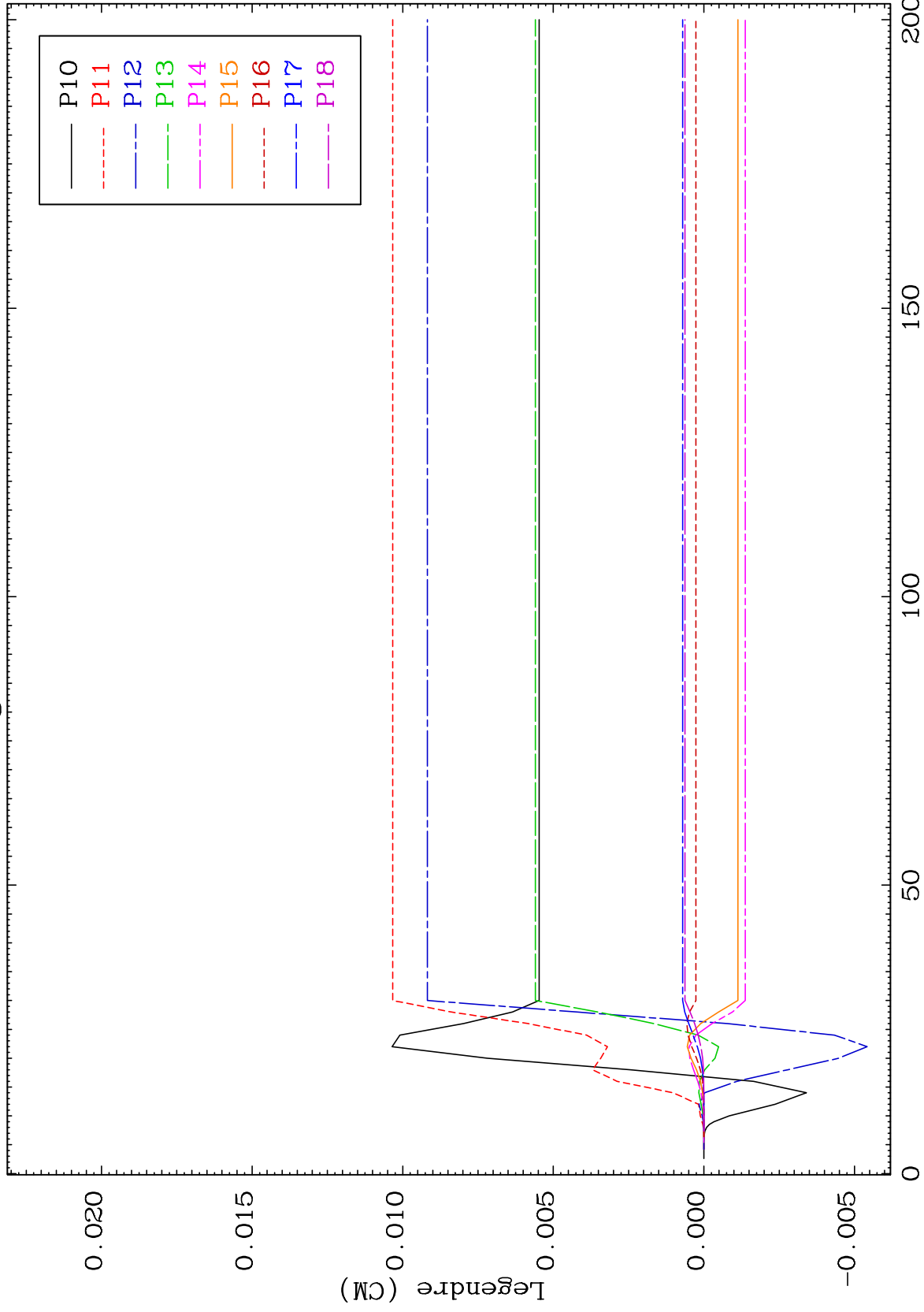
Incident Energy (MeV)

52

MAT 3443

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

34-Se-80



53

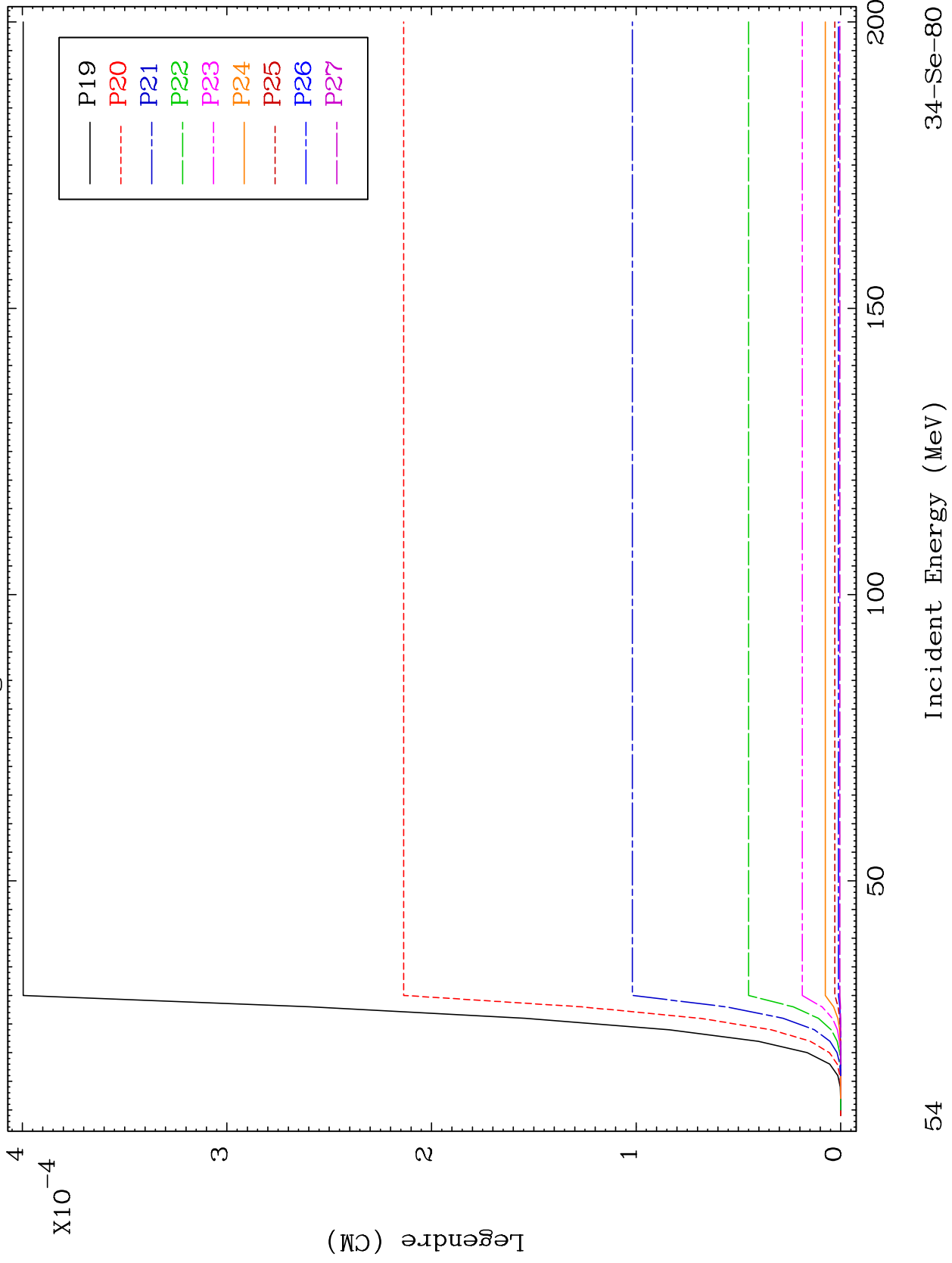
Incident Energy (MeV)

34-Se-80

MAT 3443

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

<sup>34</sup>Se-80



54

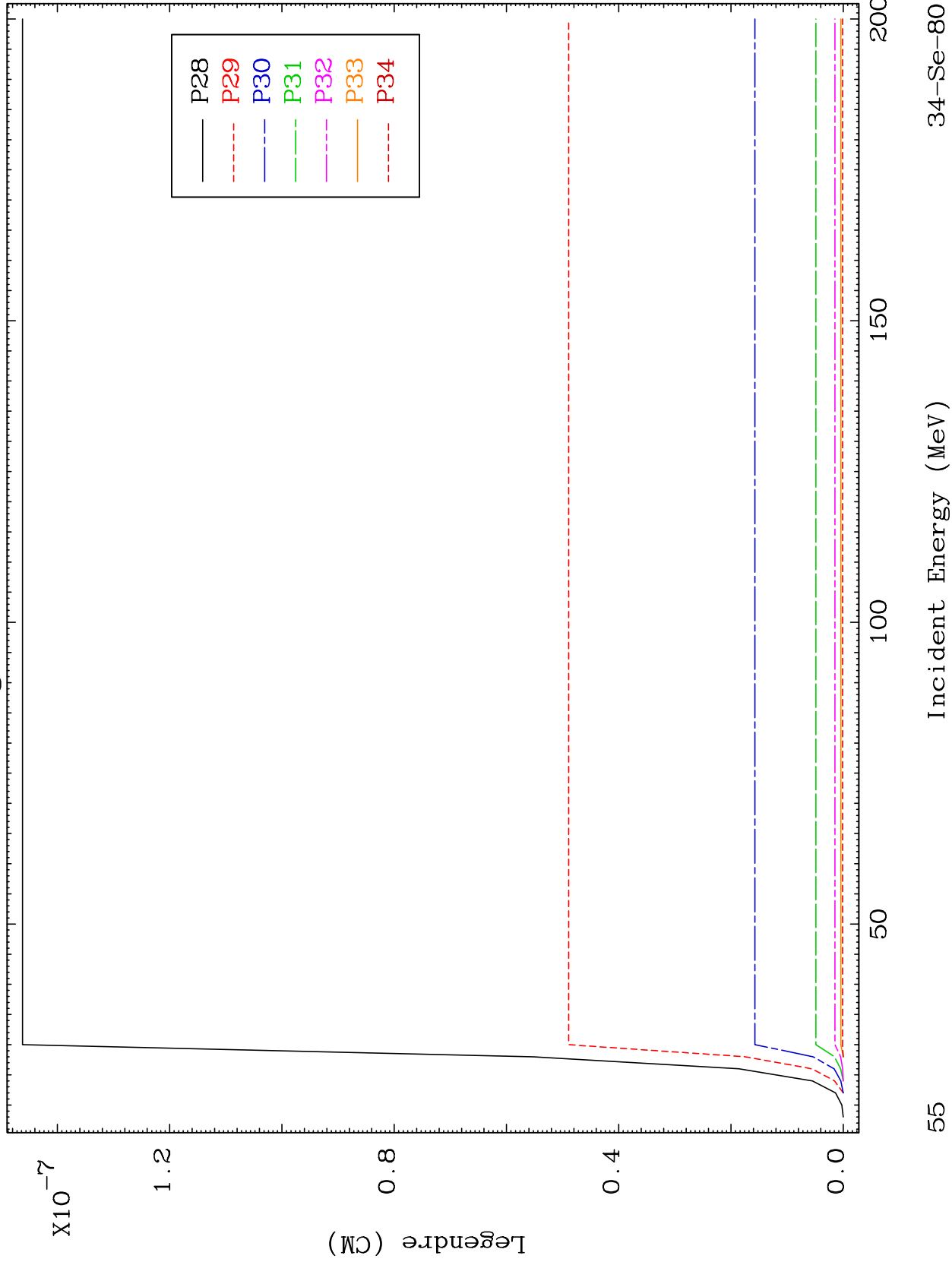
Incident Energy (MeV)

<sup>34</sup>Se-80

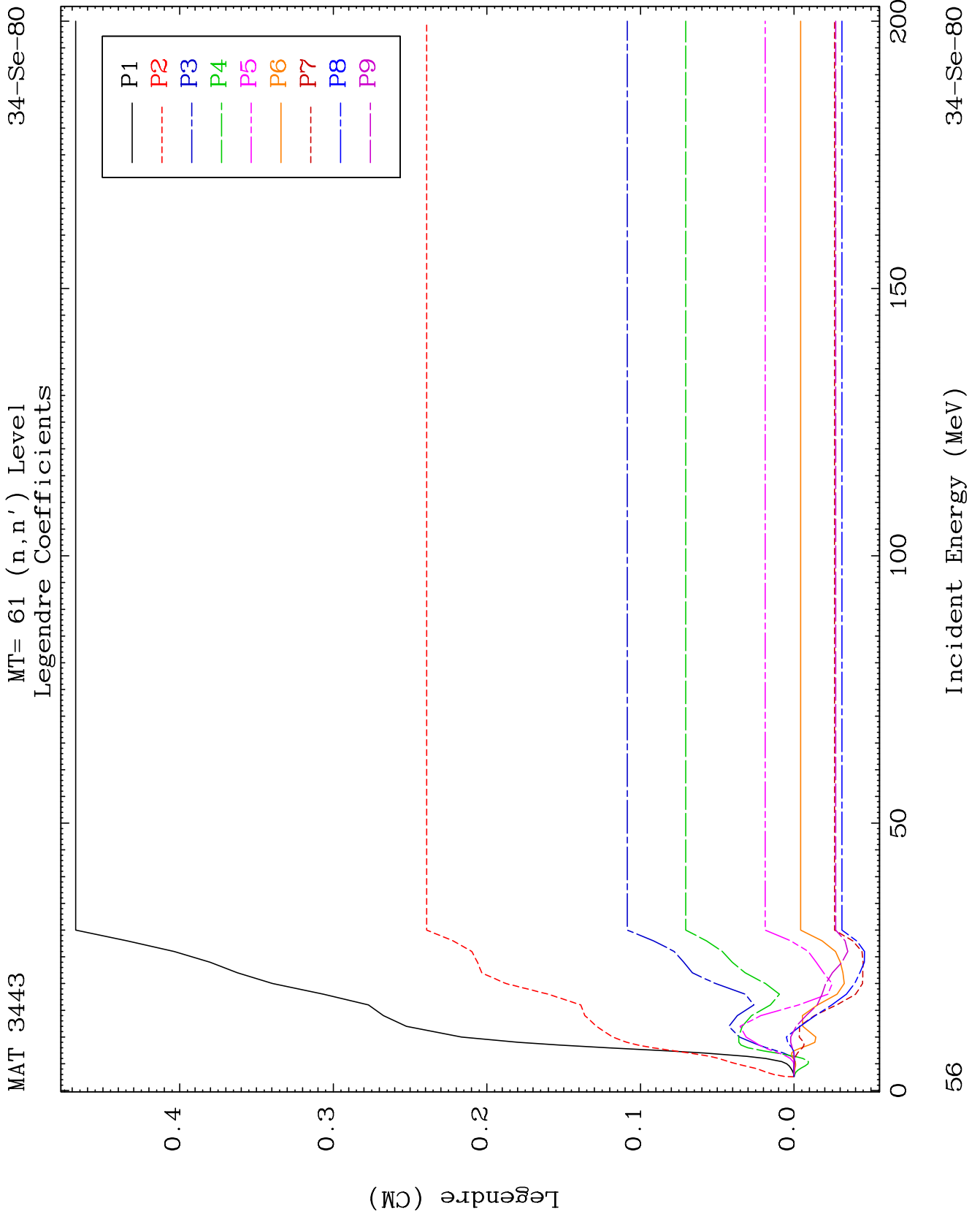
MAT 3443

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

34-Se-80



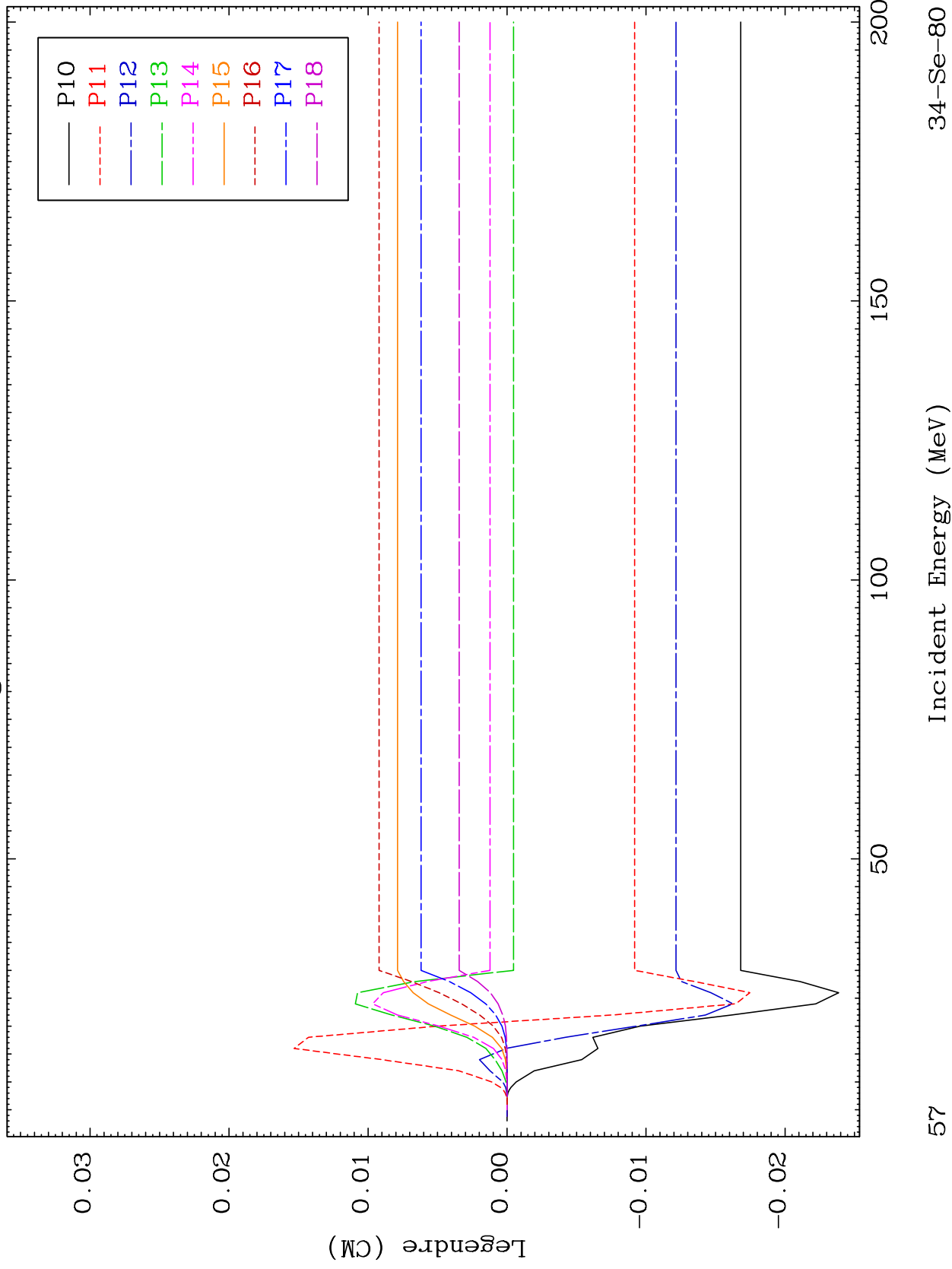




MAT 3443

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

34-Se-80



57

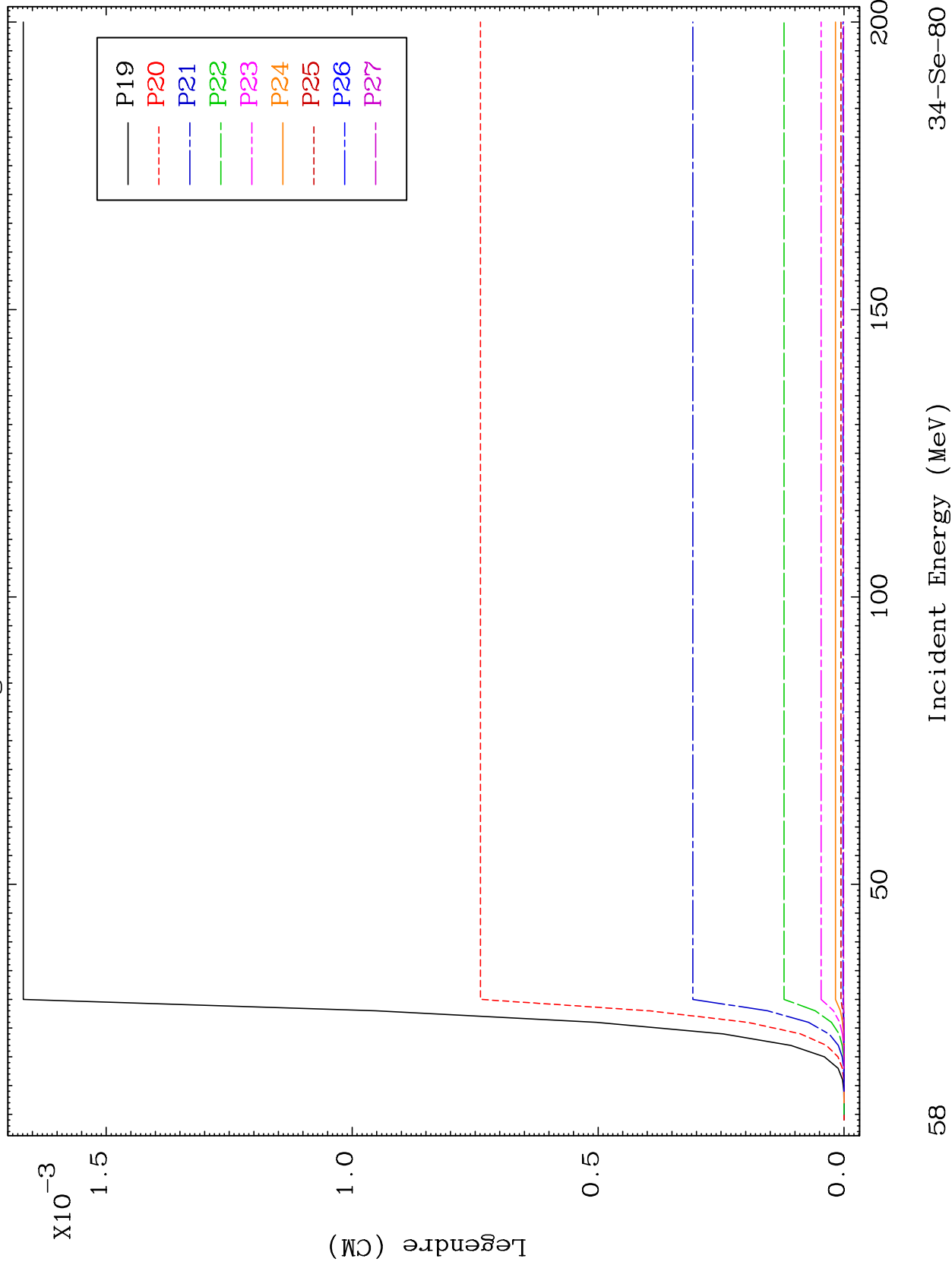
Incident Energy (MeV)

34-Se-80

MAT 3443

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

<sup>34</sup>Se-80



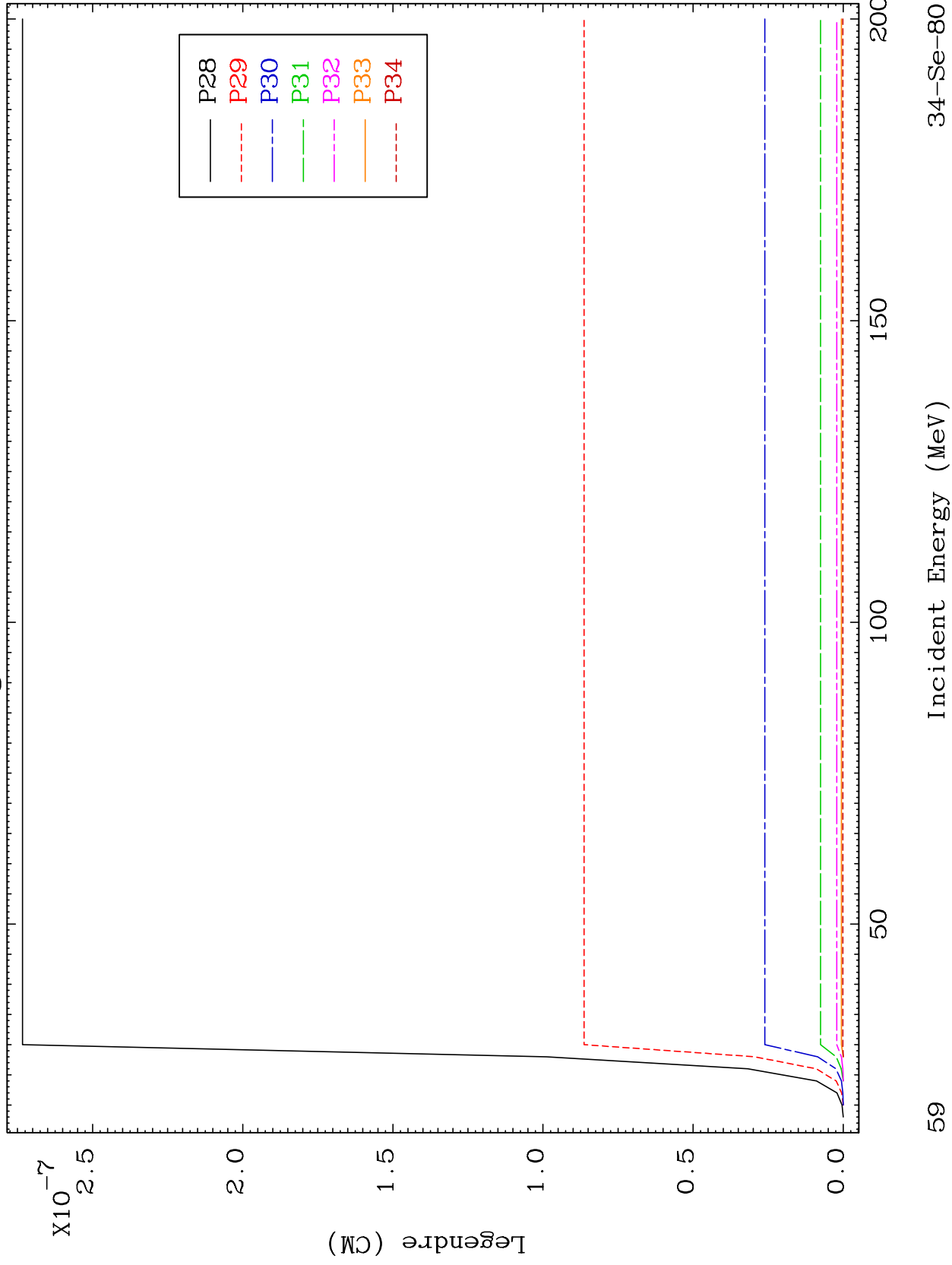
58

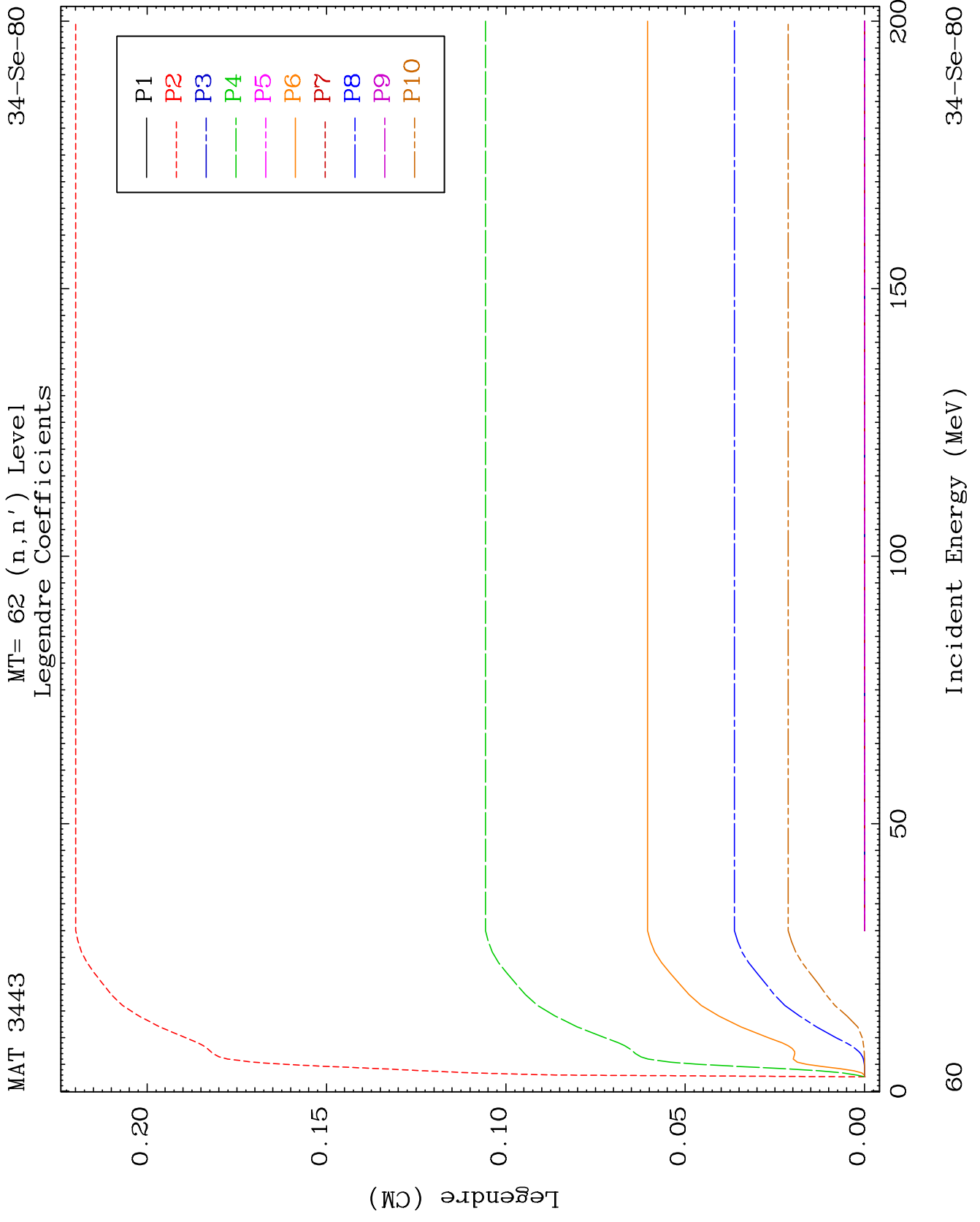
<sup>34</sup>Se-80

MAT 3443

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

34-Se-80

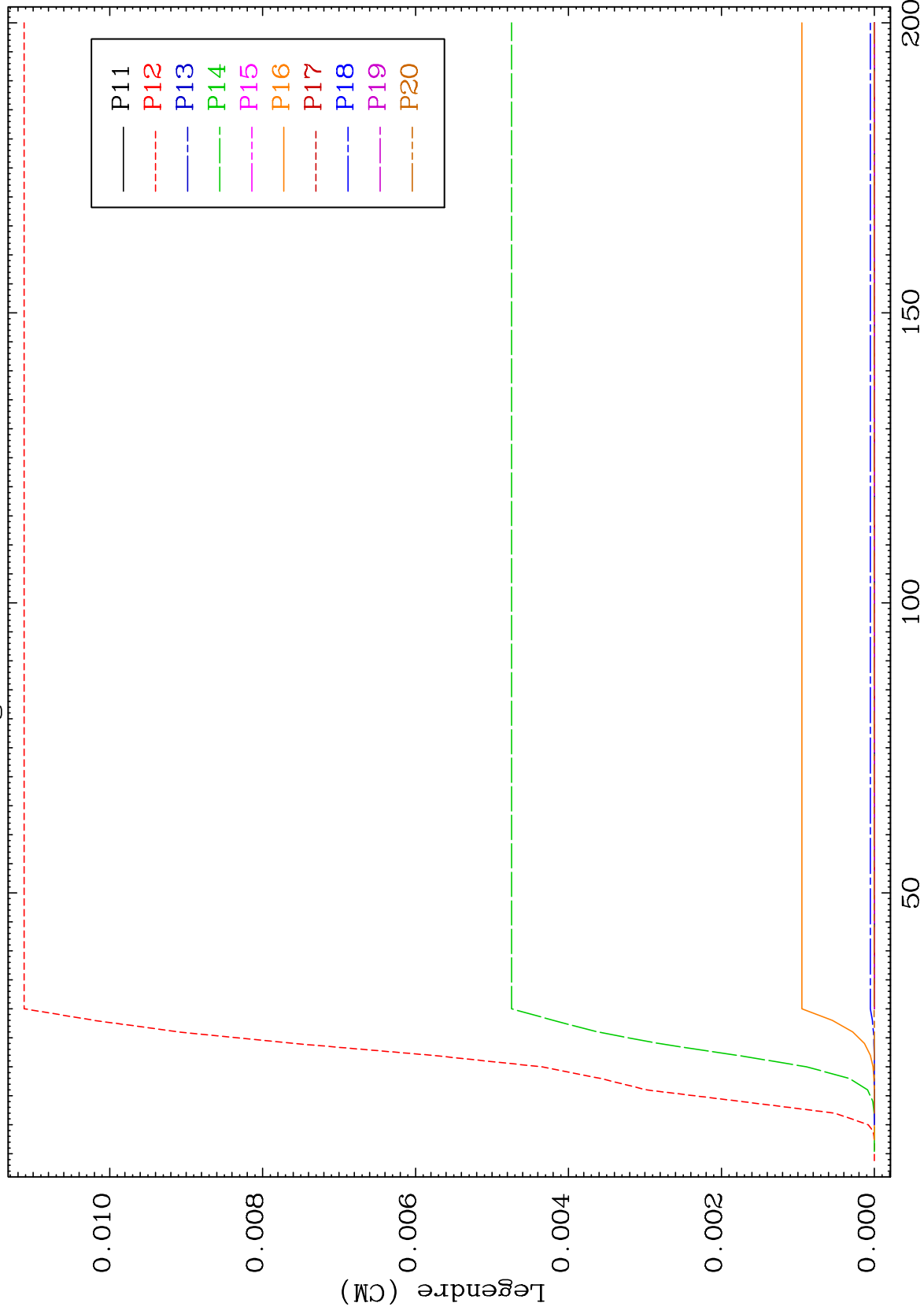




MAT 3443

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

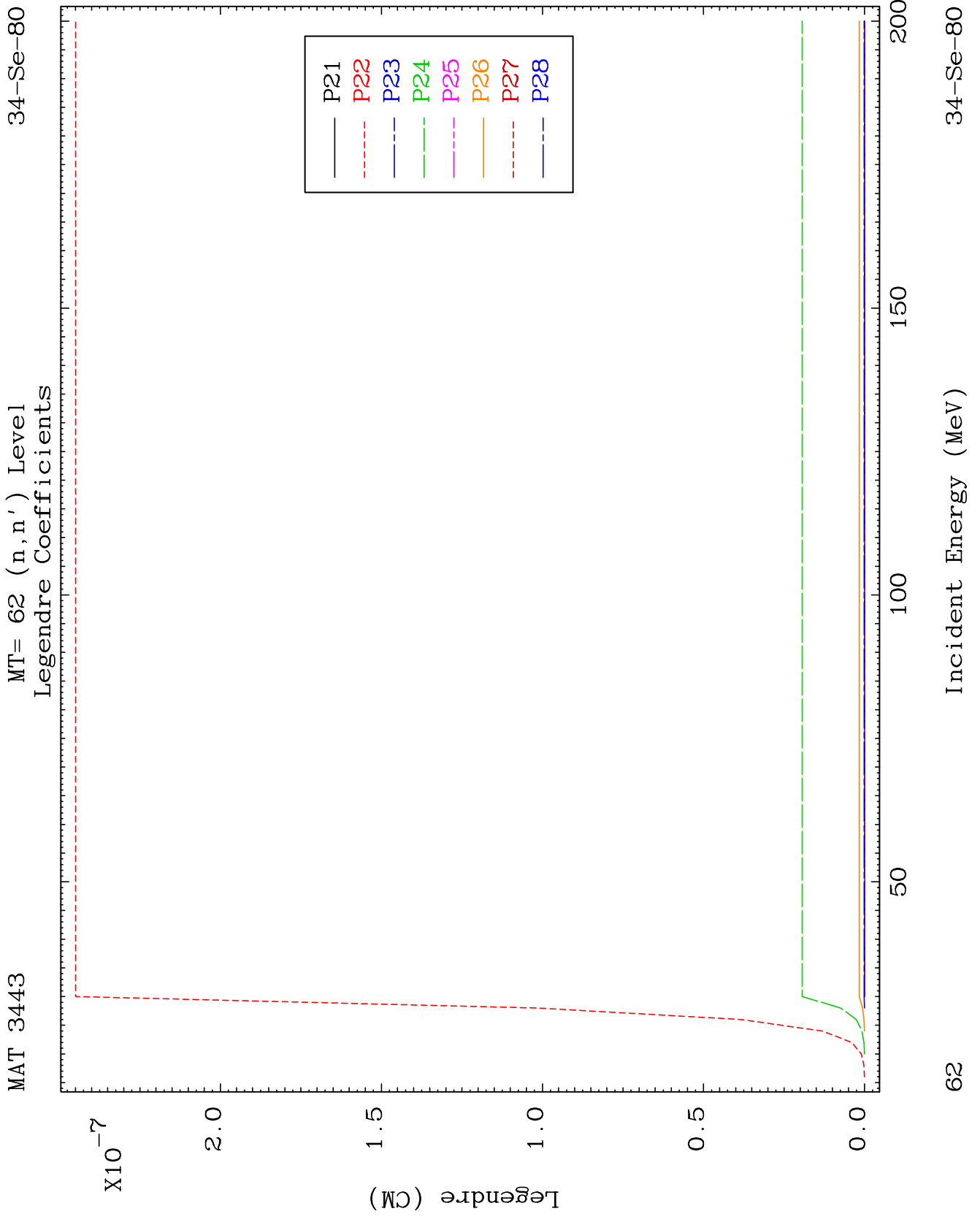
34-Se-80



61

Incident Energy (MeV)

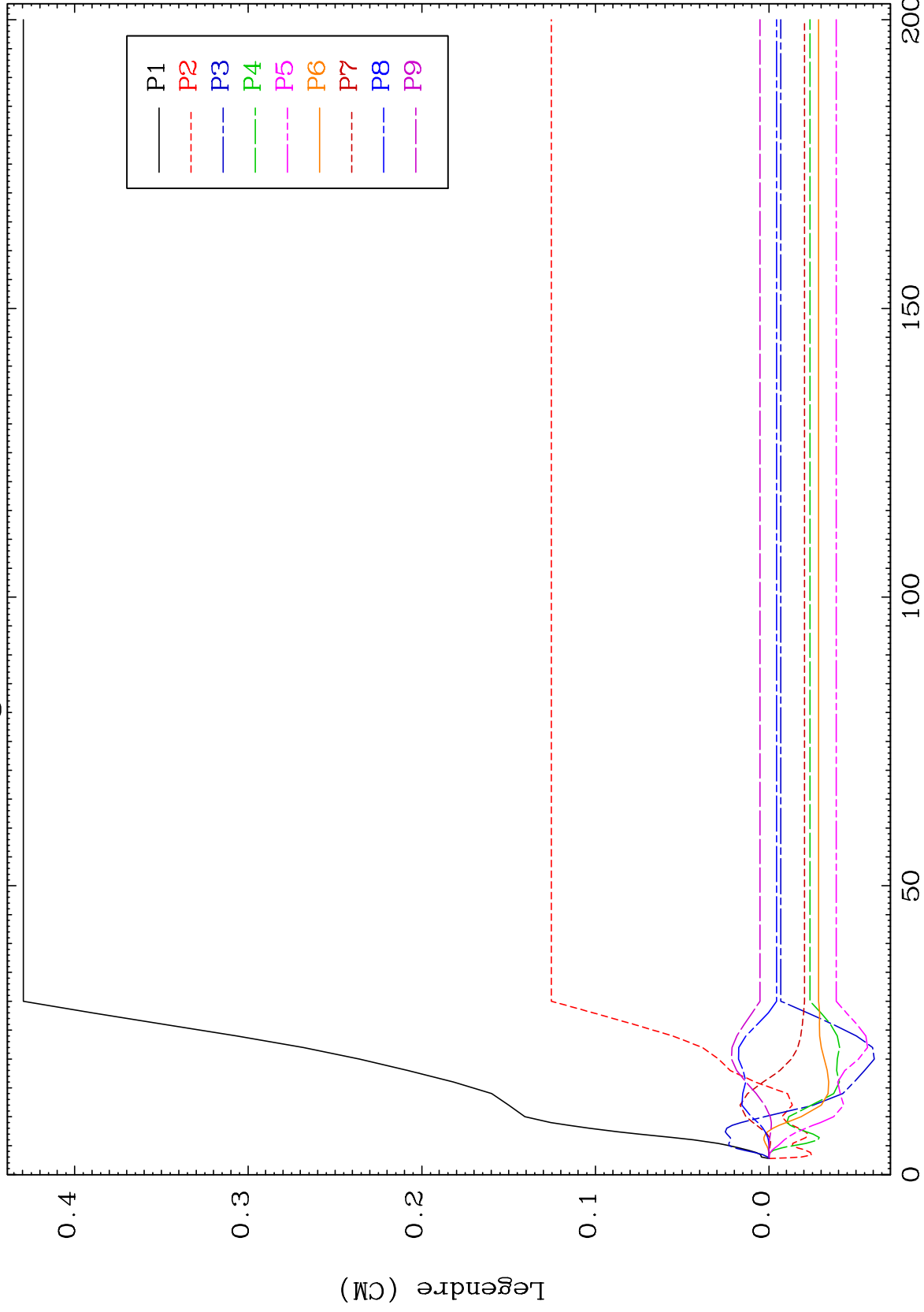
34-Se-80



MAT 3443

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

<sup>34</sup>Se-80

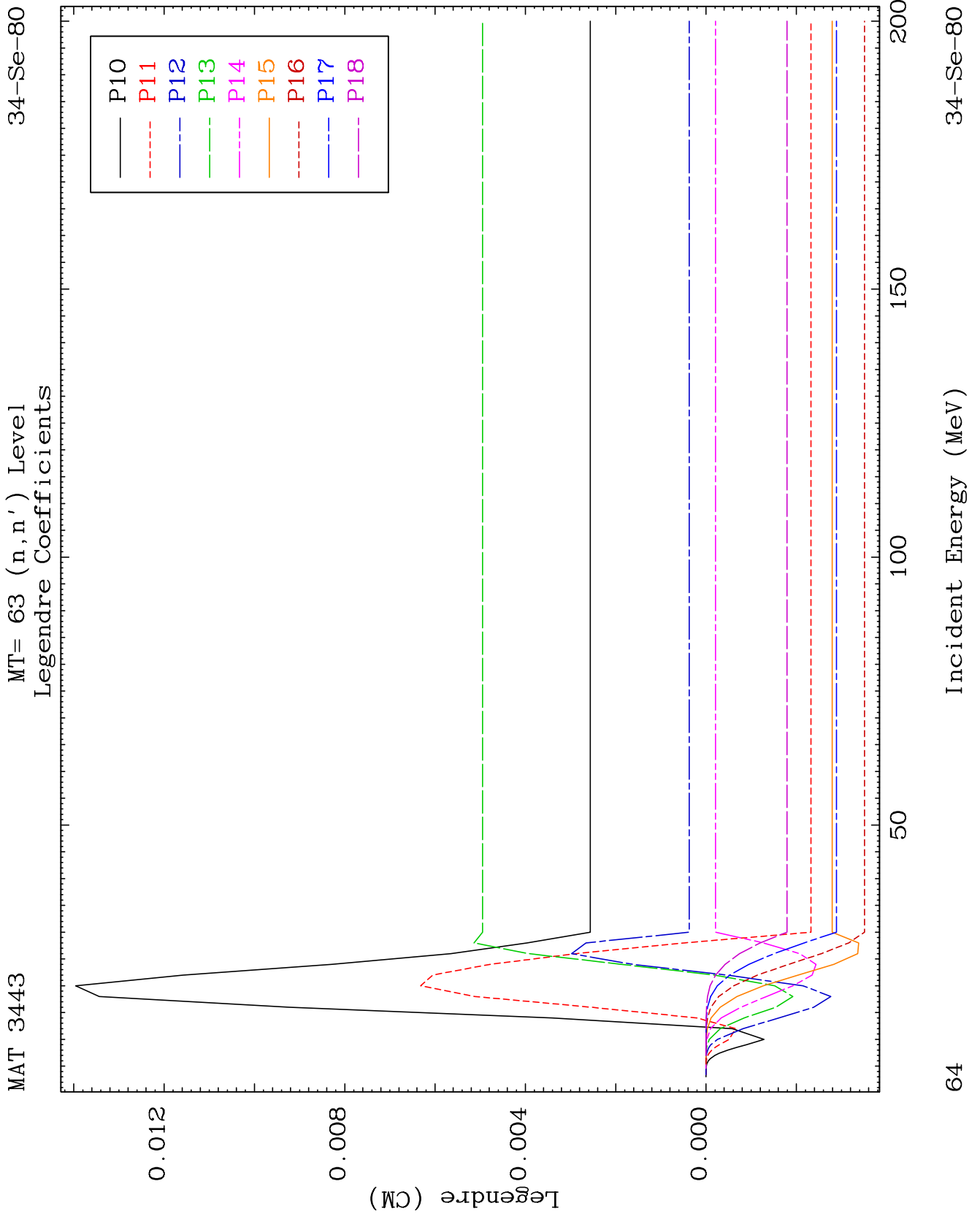


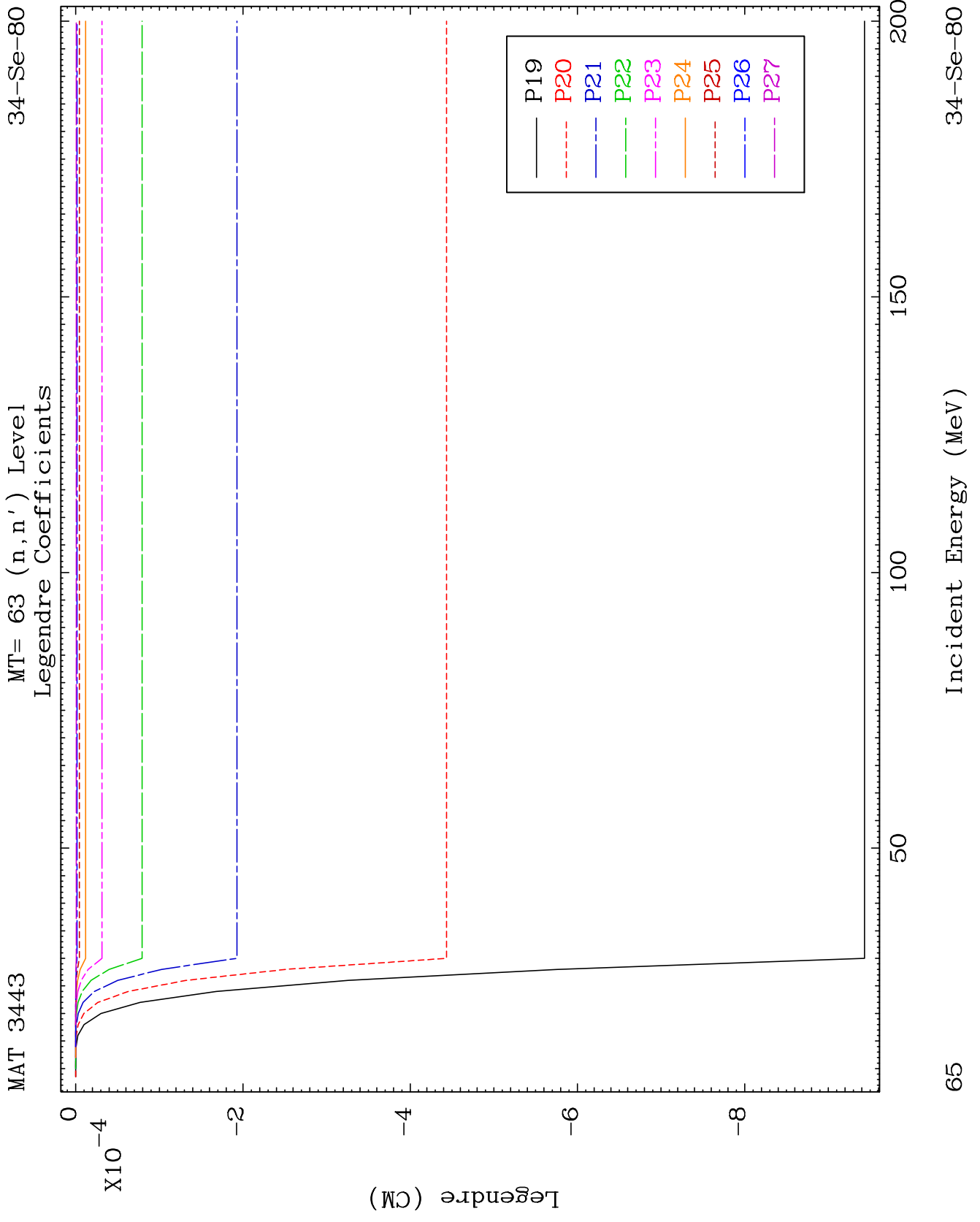
63

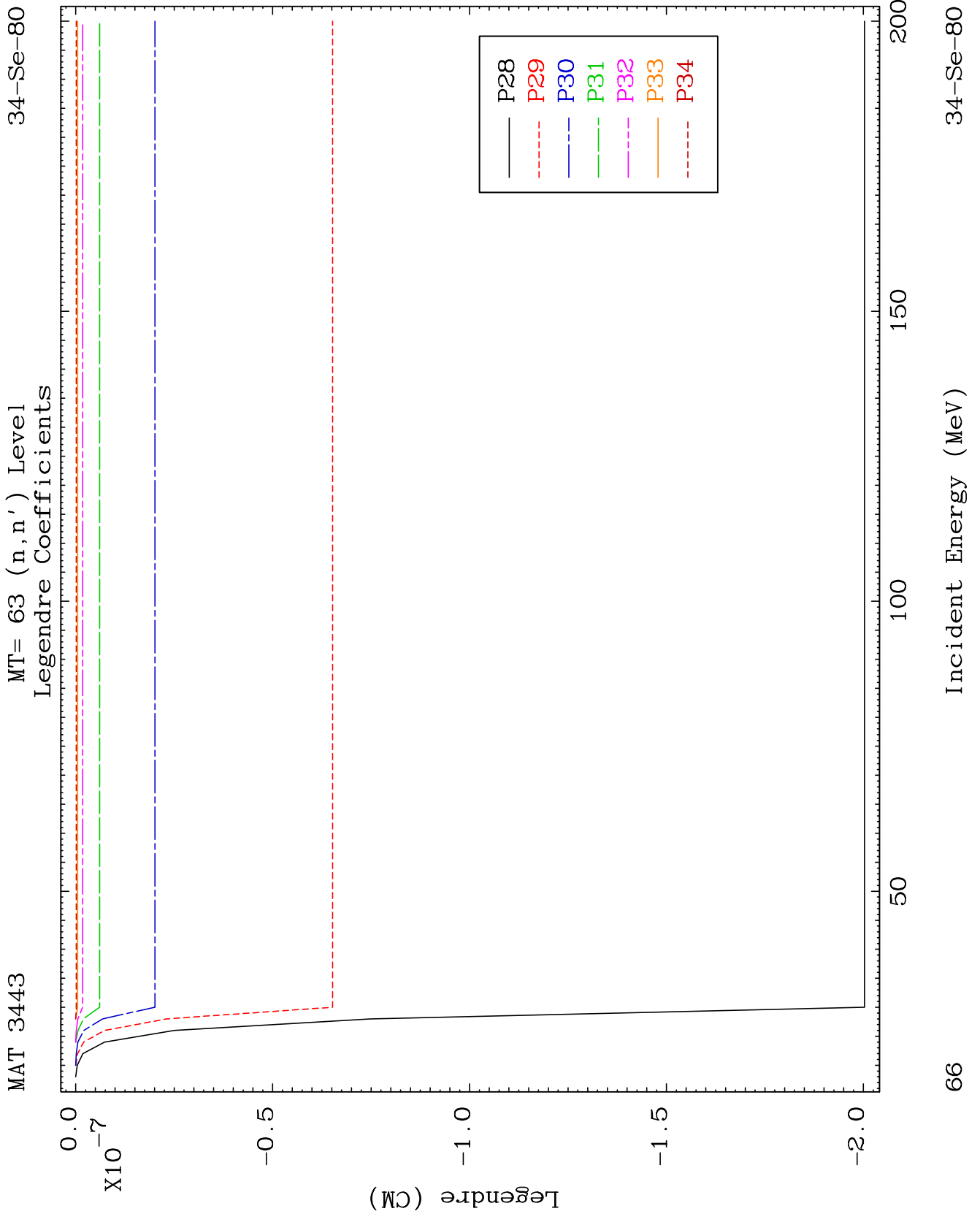
Incident Energy (MeV)

<sup>34</sup>Se-80





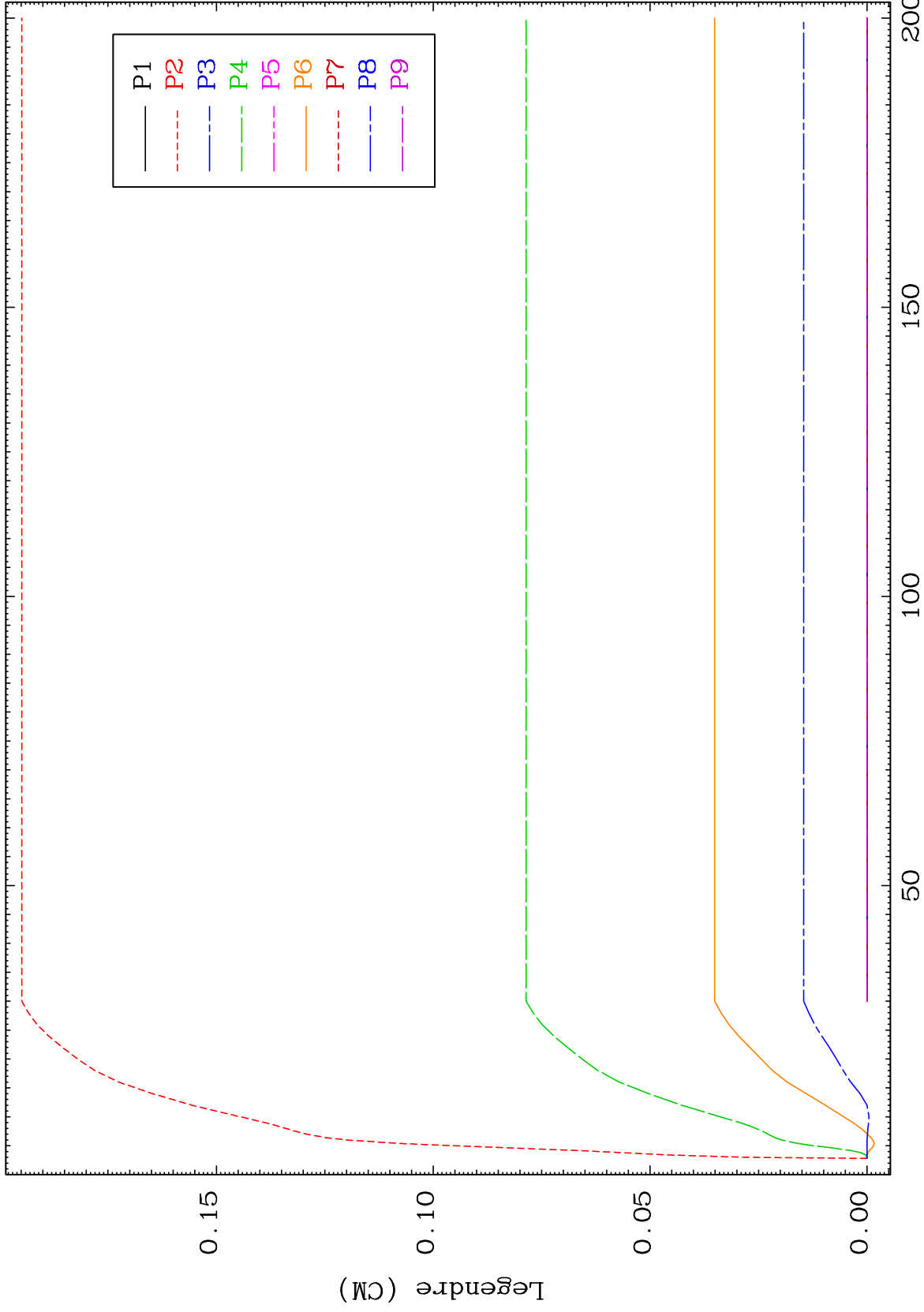




MAT 3443

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

34-Se-80



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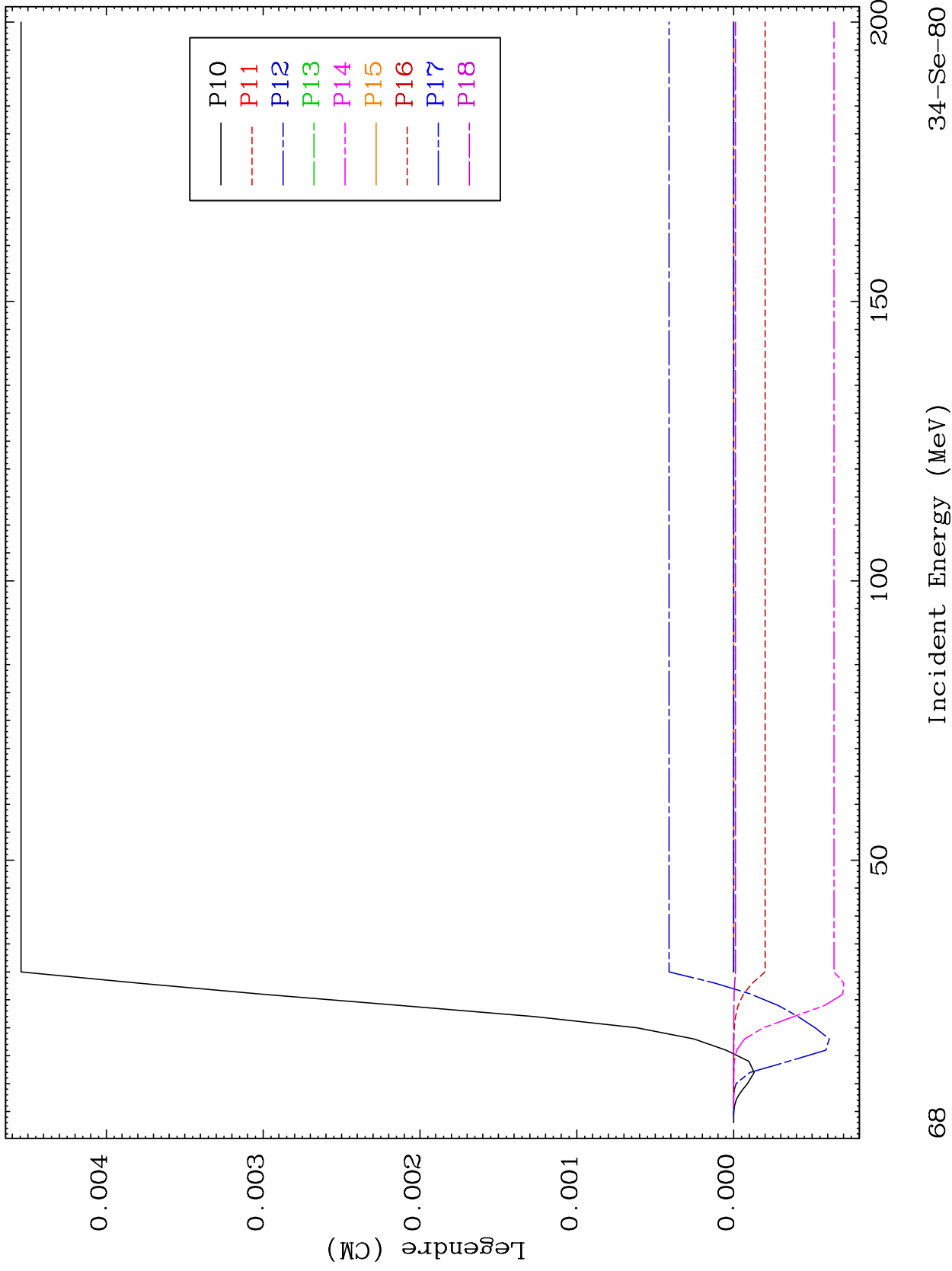
Incident Energy (MeV)

34-Se-80

MAT 3443

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

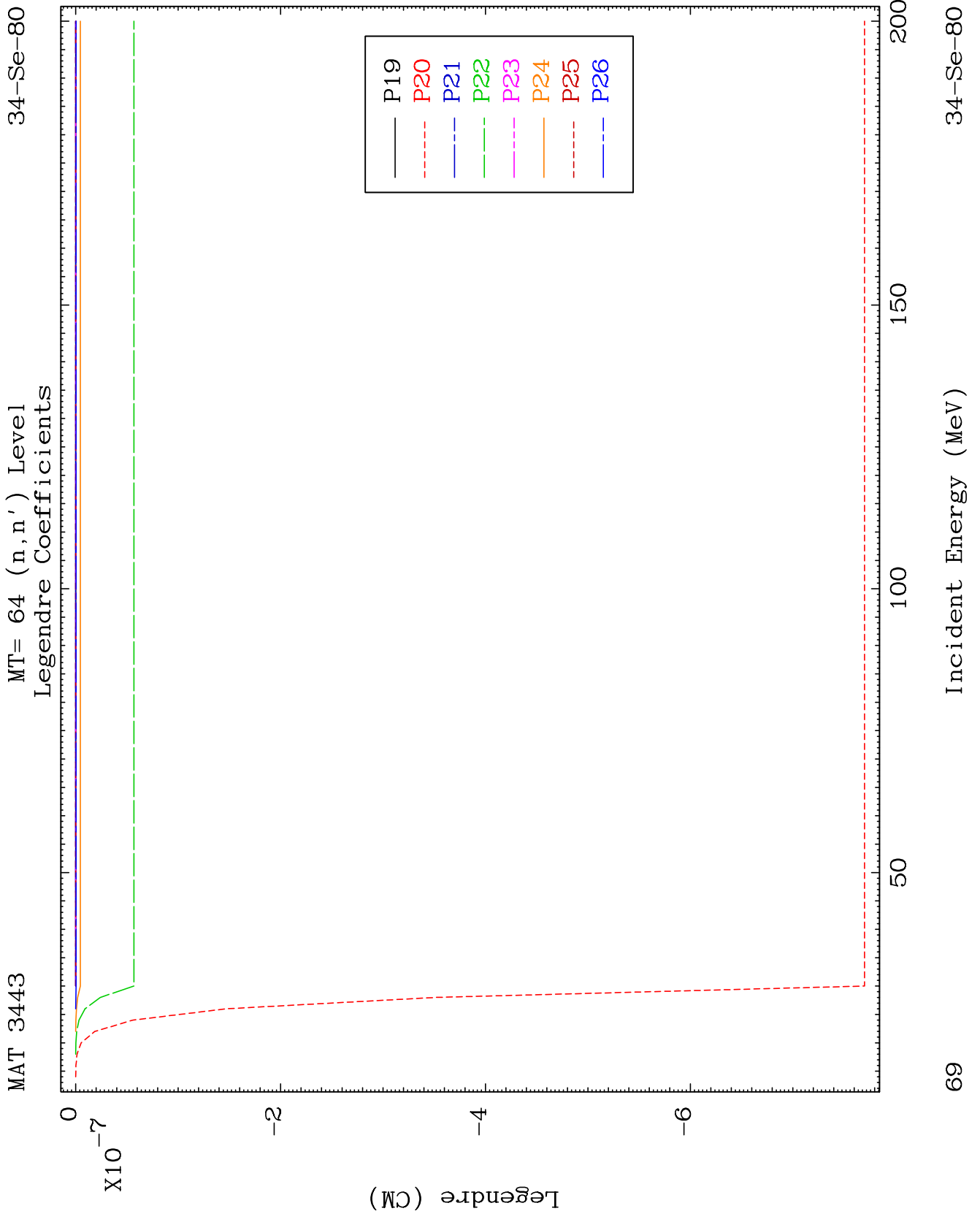
<sup>34</sup>Se-80



68

Incident Energy (MeV)

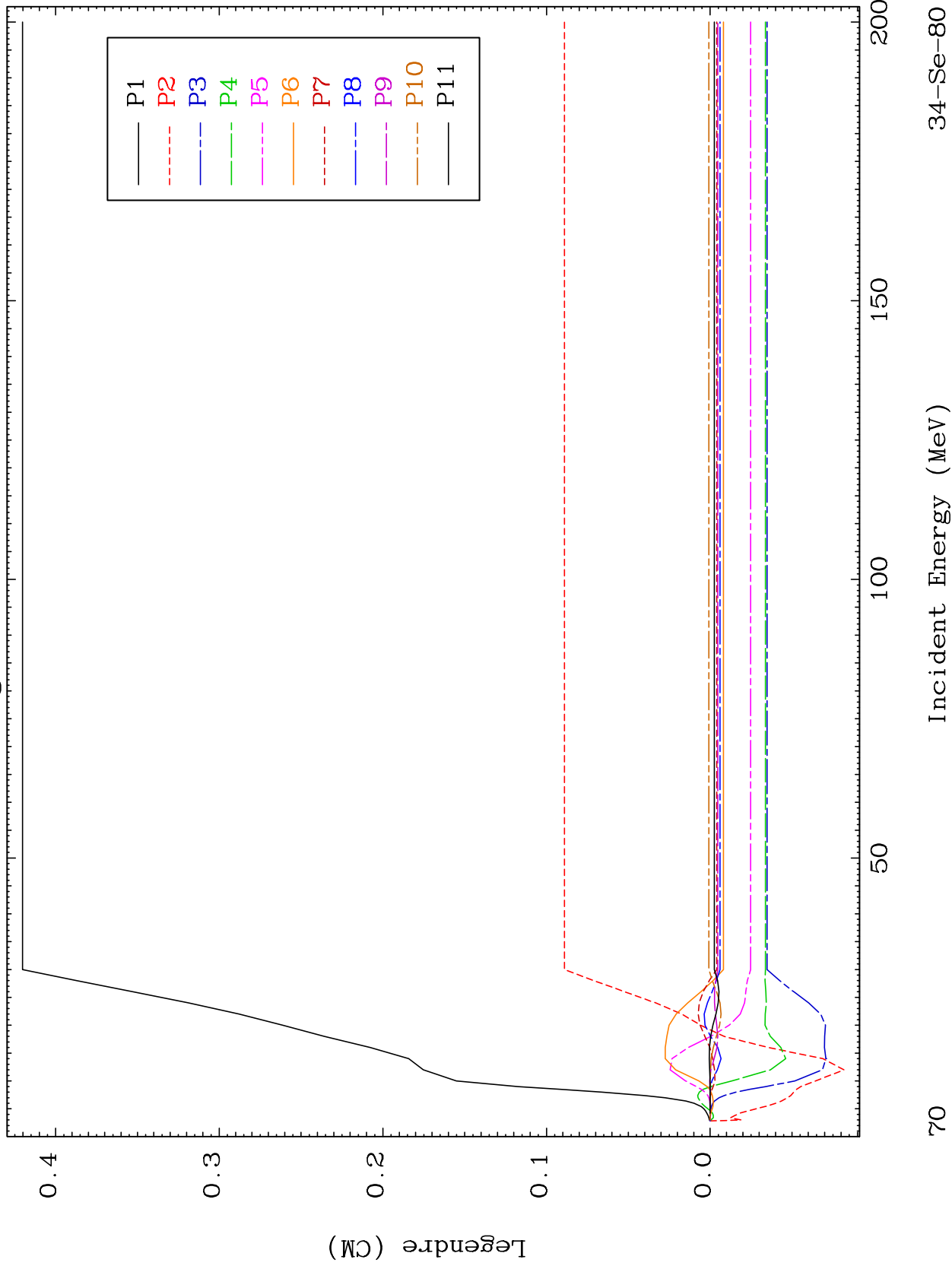
<sup>34</sup>Se-80



MAT 3443

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

<sup>34</sup>Se-80



<sup>34</sup>Se-80

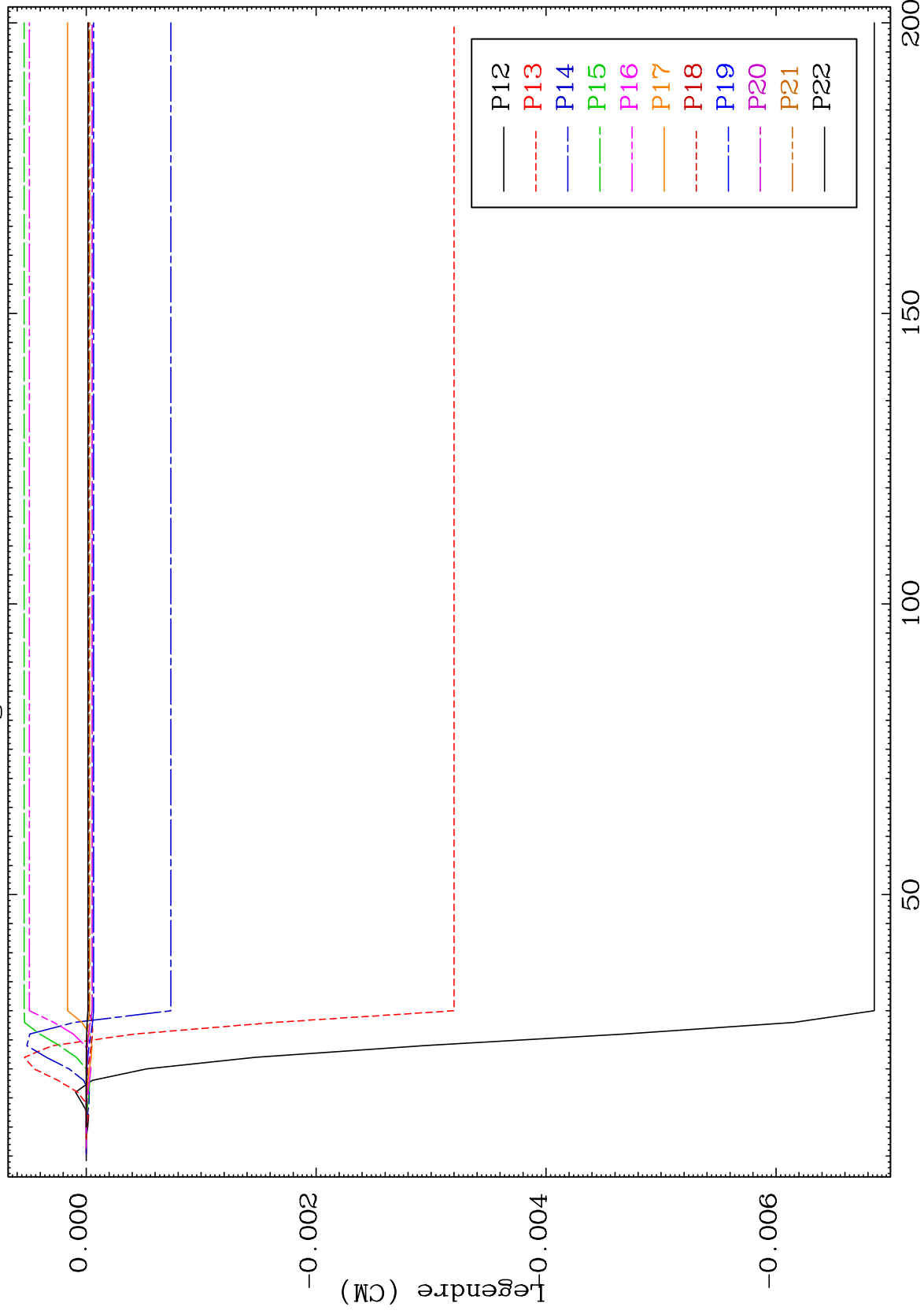
Incident Energy (MeV)

70

MAT 3443

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

34-Se-80

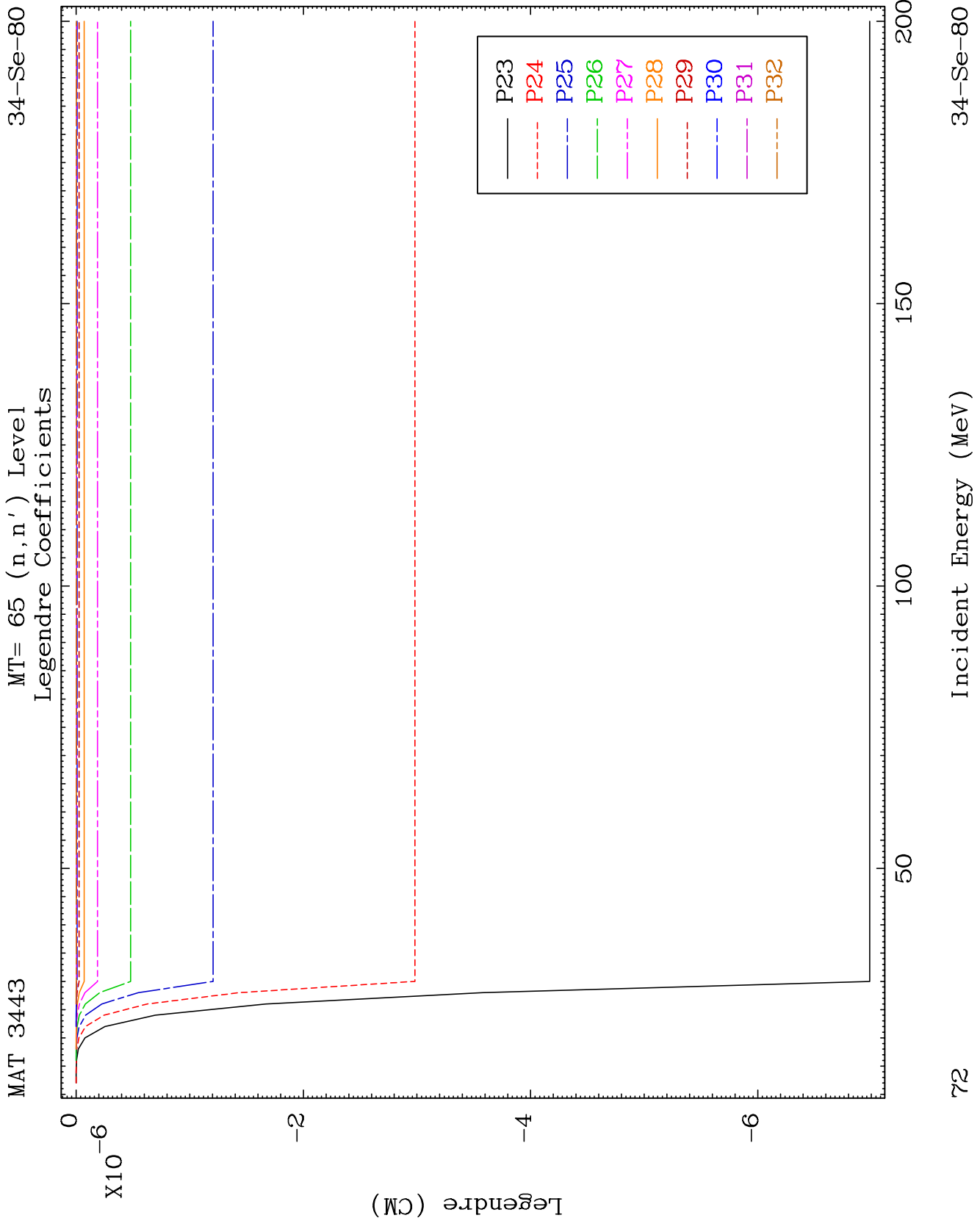


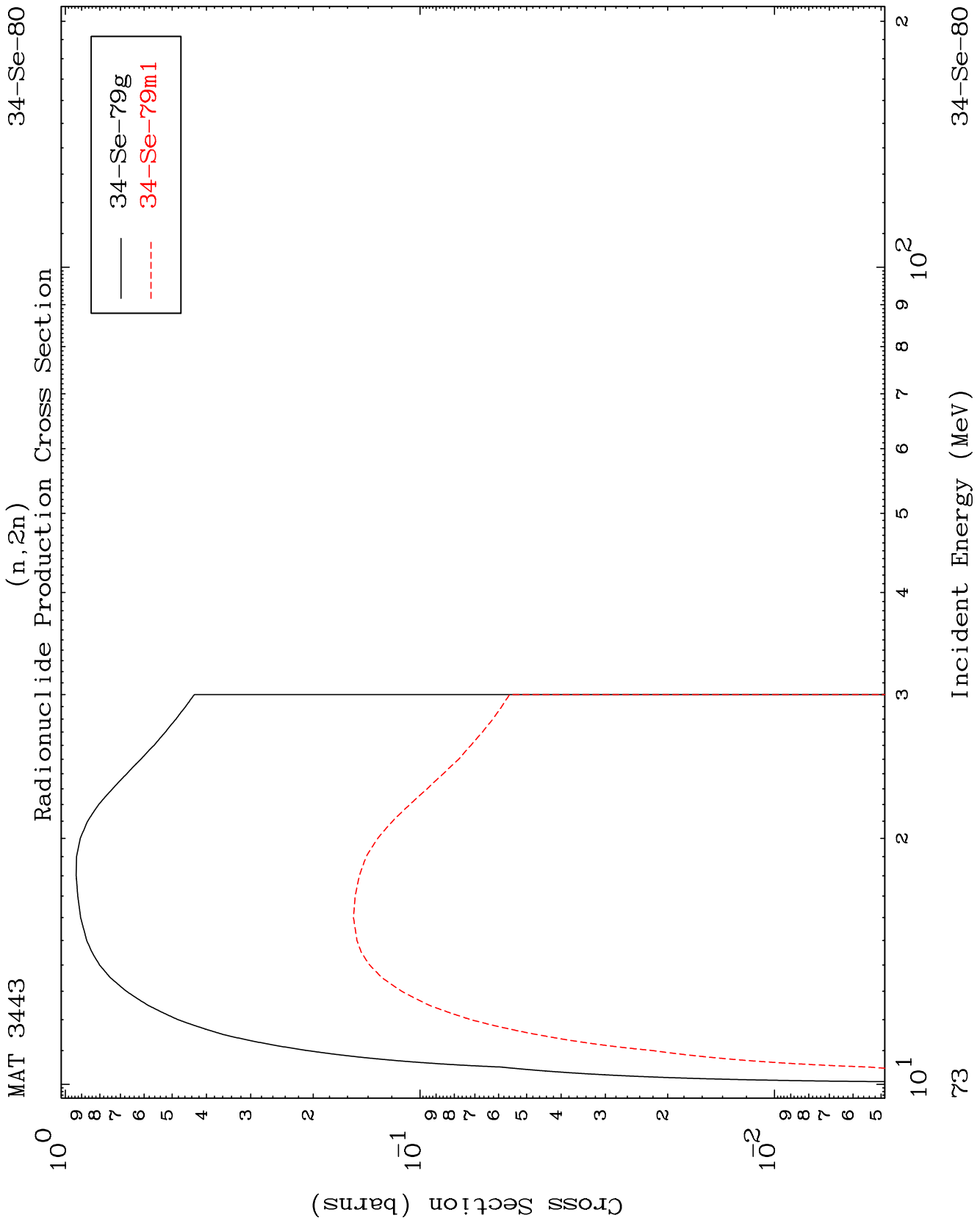
71

Incident Energy (MeV)

34-Se-80



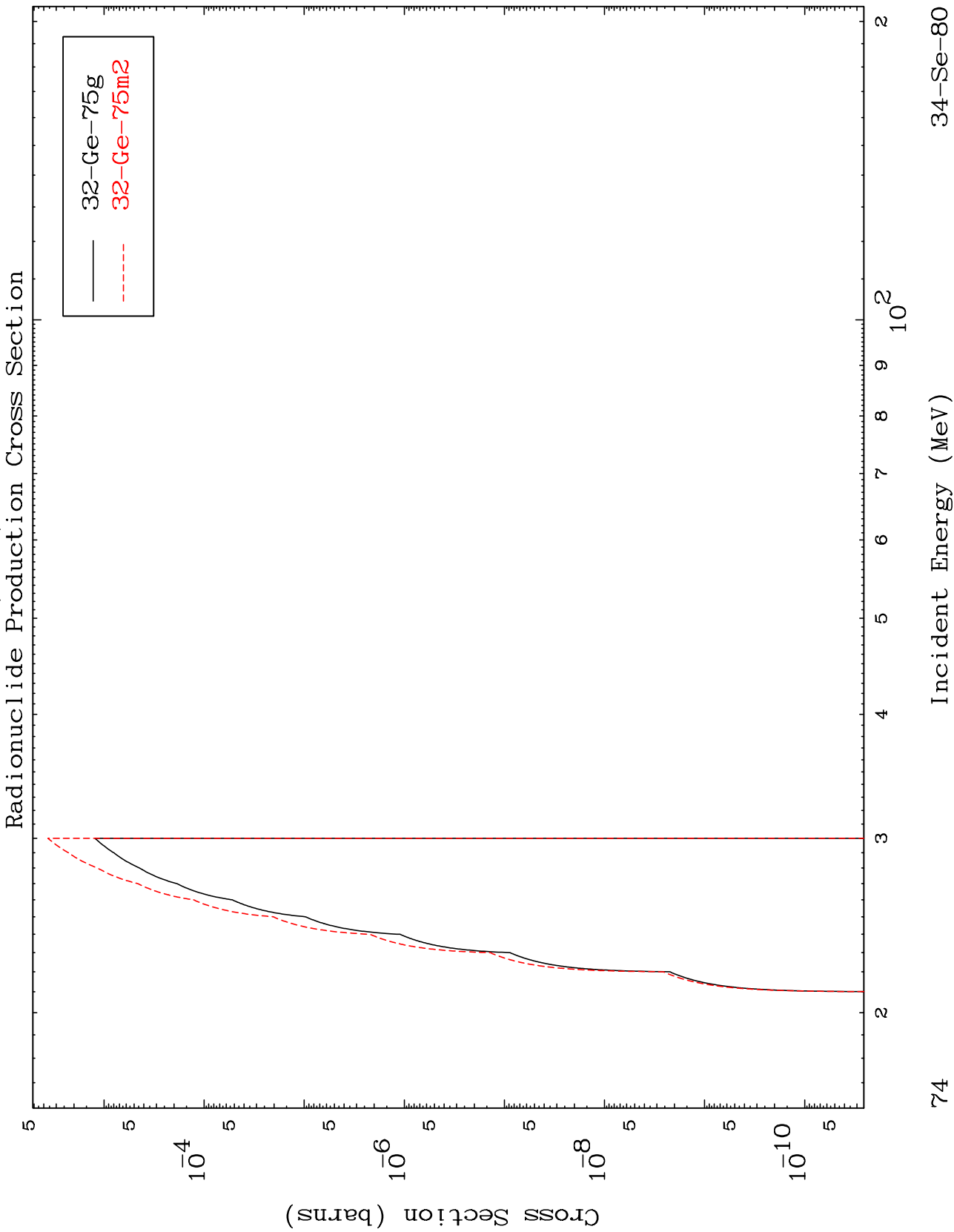




MAT 3443

$(n,2n) \alpha$

$^{34}\text{Se-80}$



74

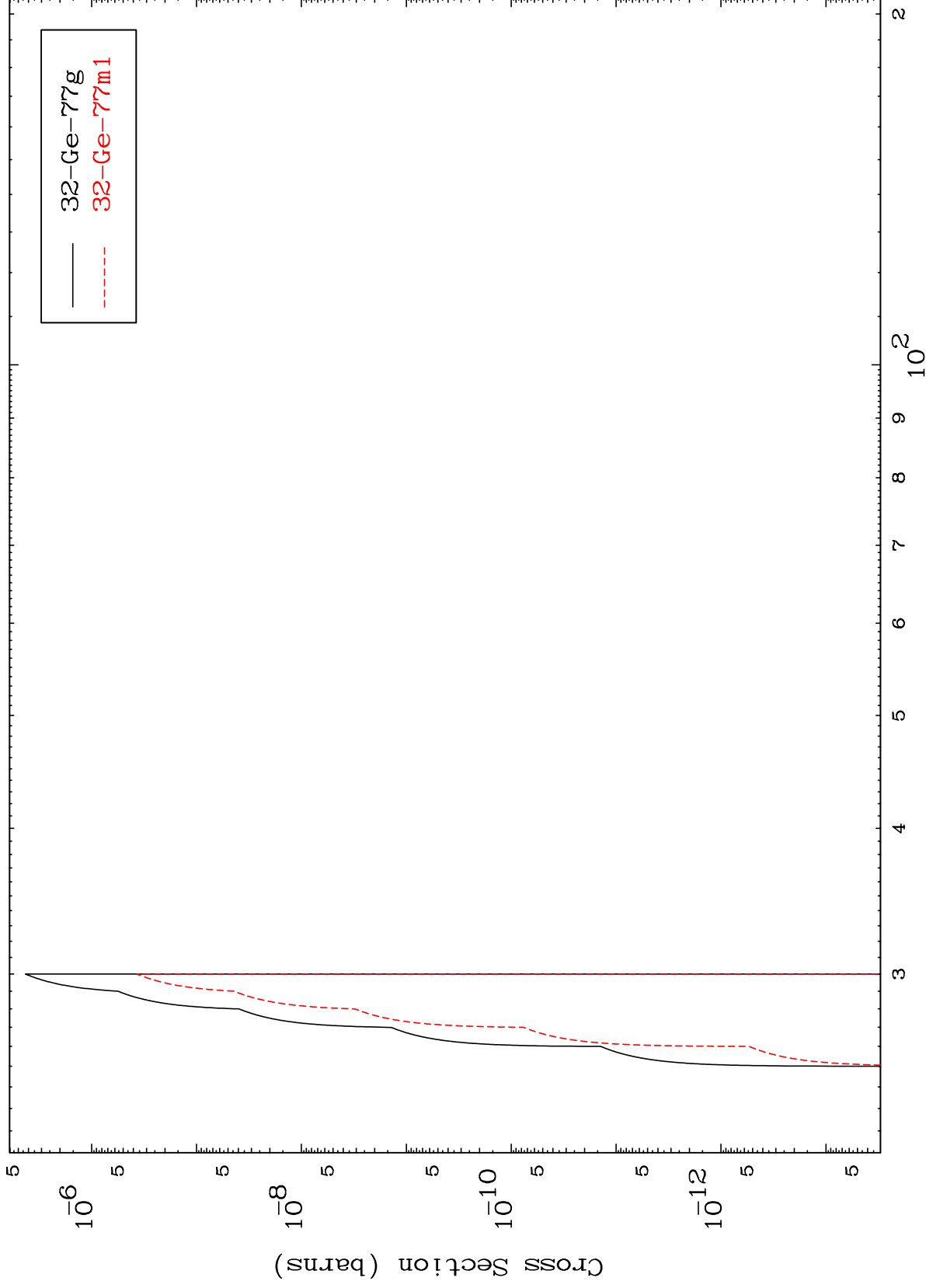
$^{34}\text{Se-80}$

MAT 3443

(n,n') He-3

34-<sup>Se-80</sup>

Radionuclide Production Cross Section



75

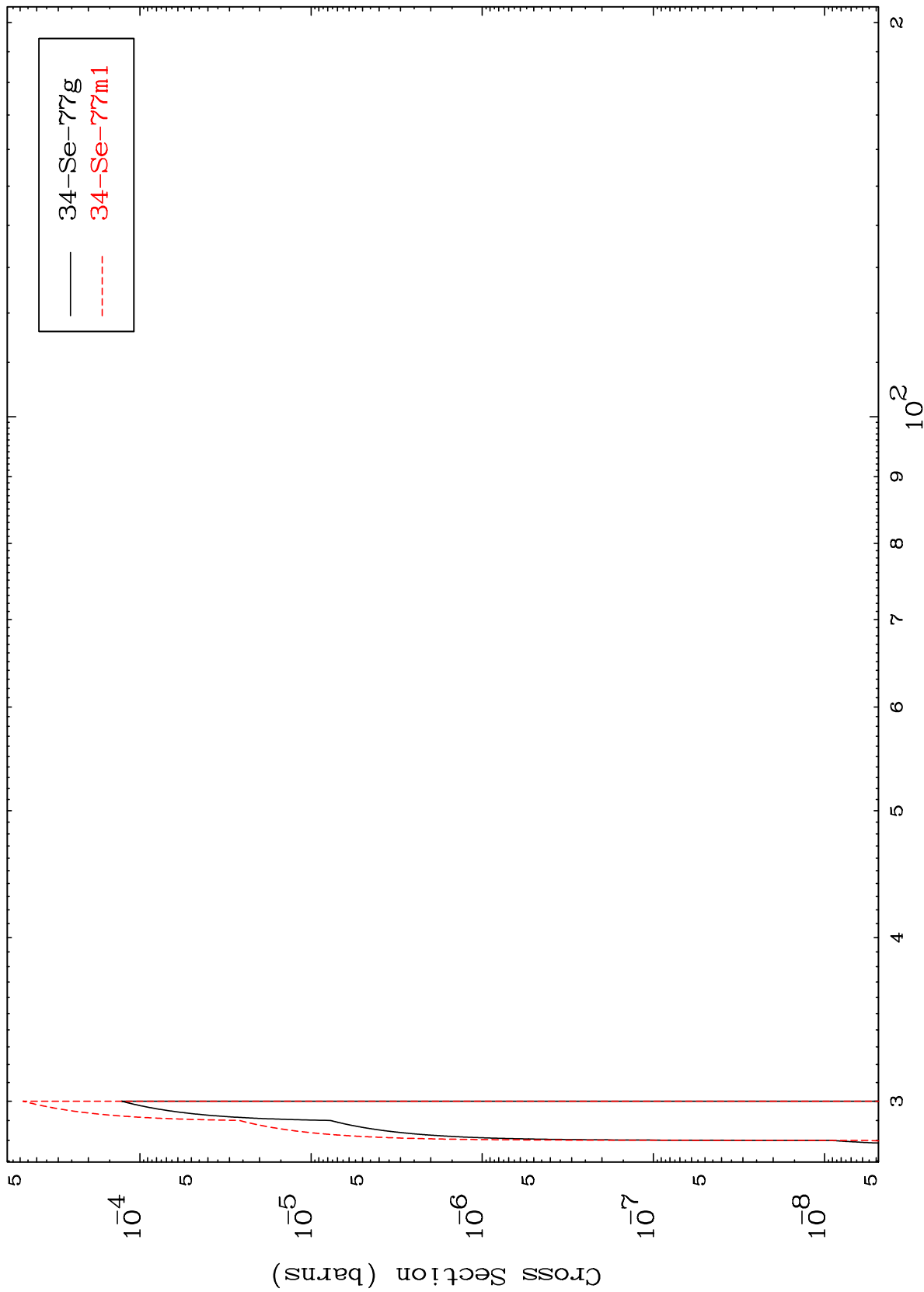
Incident Energy (MeV)

34-<sup>Se-80</sup>

MAT 3443

<sup>34</sup>Se-80

(n,4n)  
Radionuclide Production Cross Section



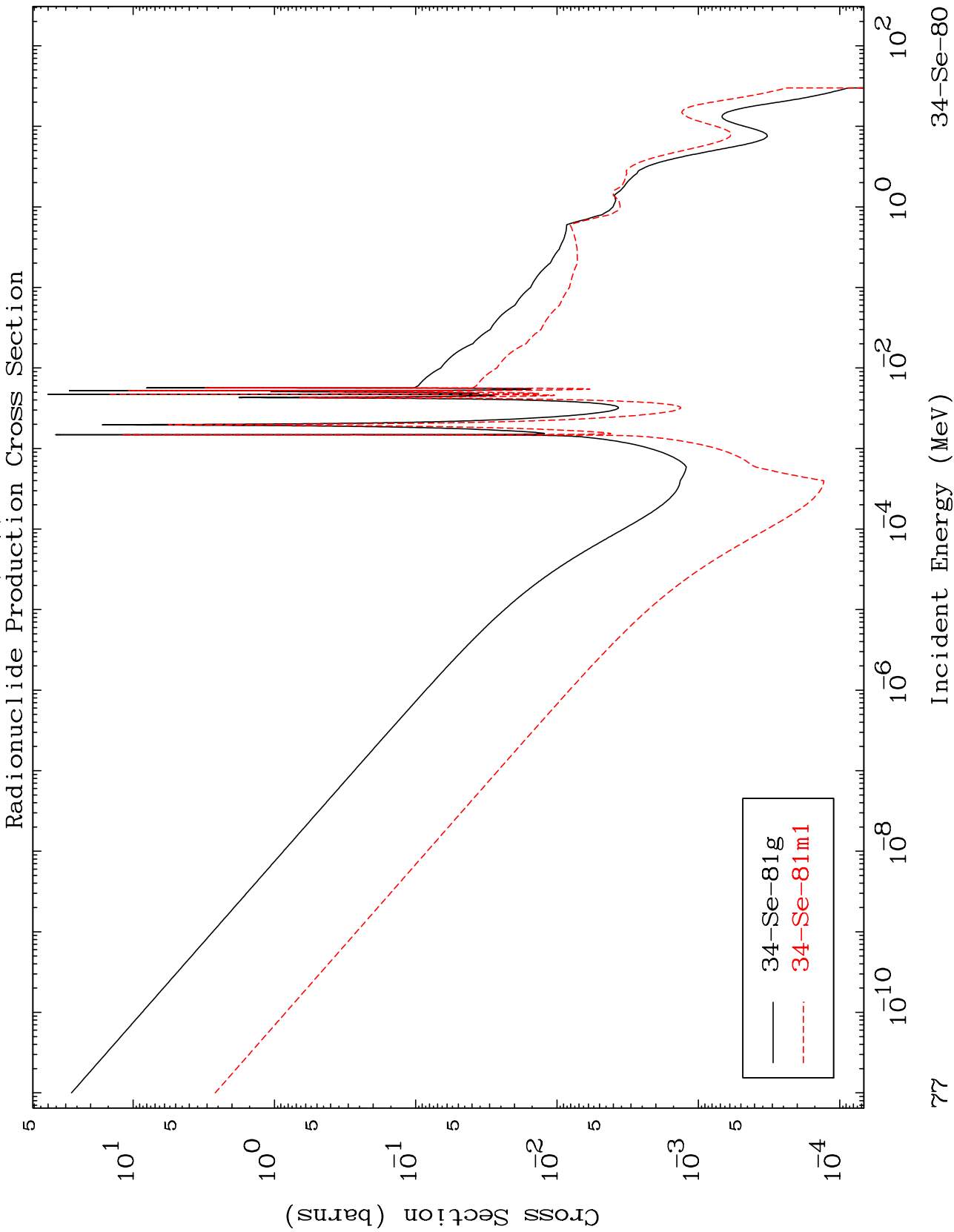
76

<sup>34</sup>Se-80

Incident Energy (MeV)

MAT 3443

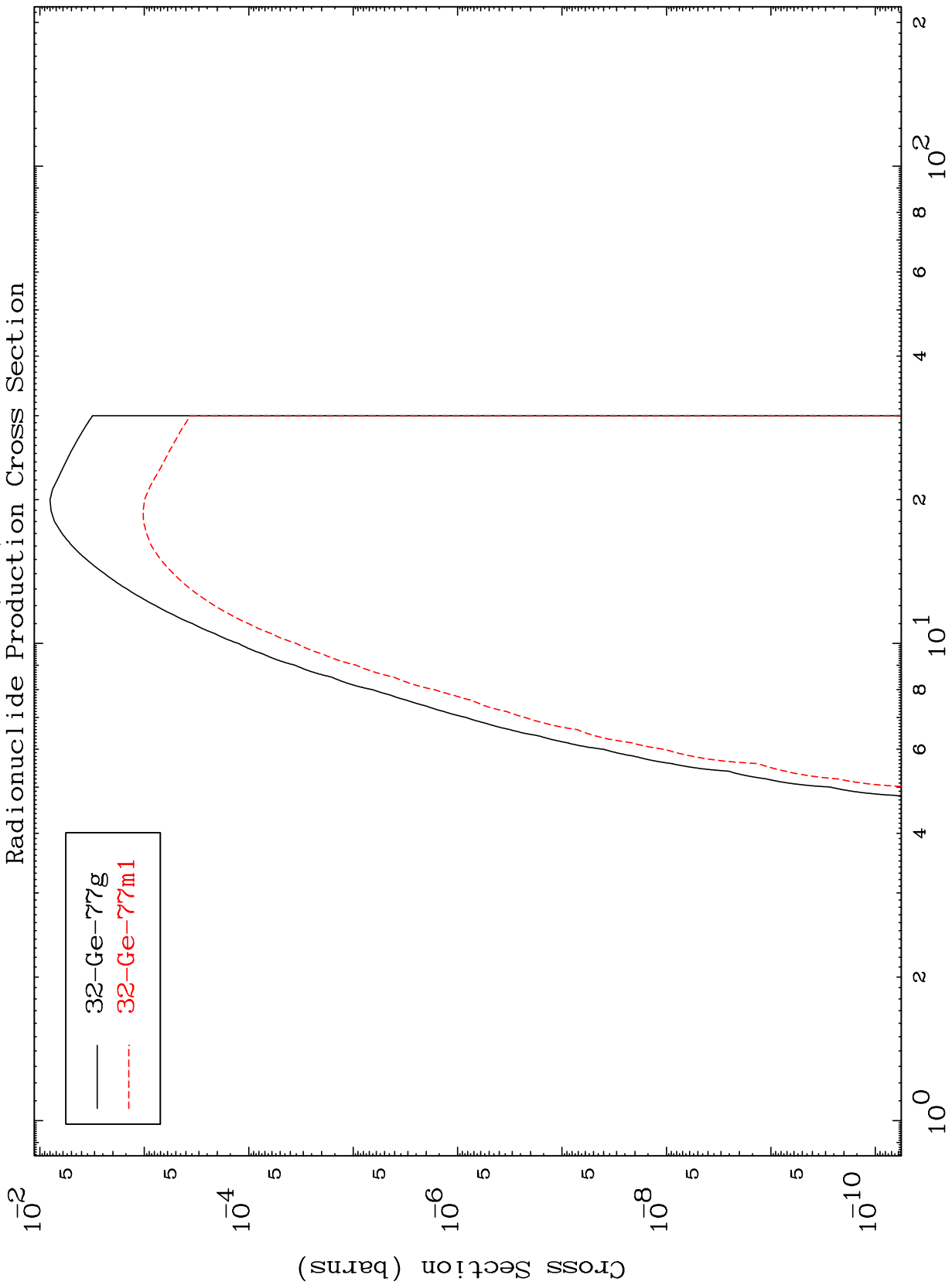
<sup>34</sup>Se-80



MAT 3443

<sup>34</sup>Se-80

(n,α)  
Radionuclide Production Cross Section



78

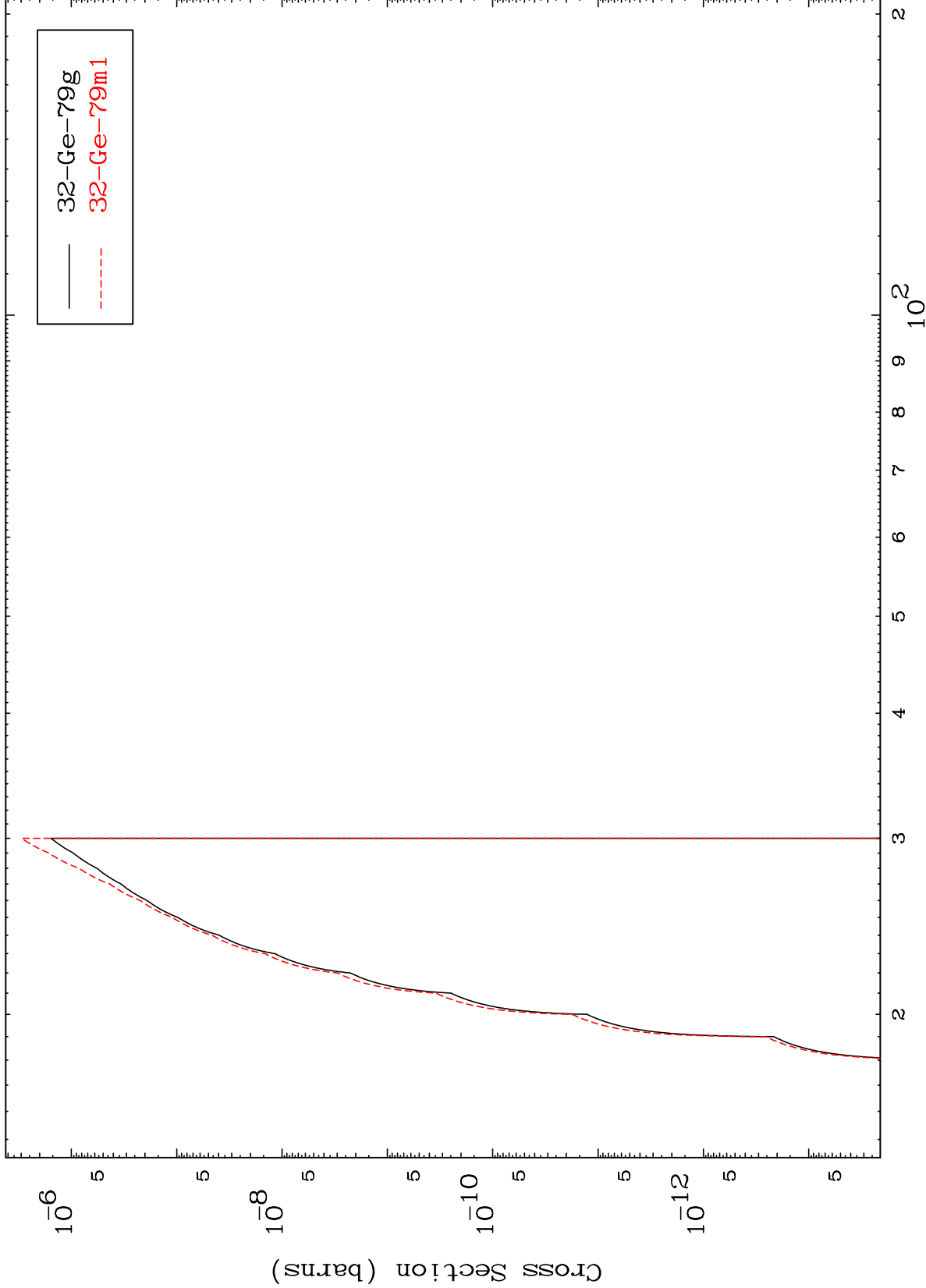
Incident Energy (MeV)

<sup>34</sup>Se-80

MAT 3443

34-Se-80

(n,2p)  
Radionuclide Production Cross Section



79

Incident Energy (MeV)

34-Se-80

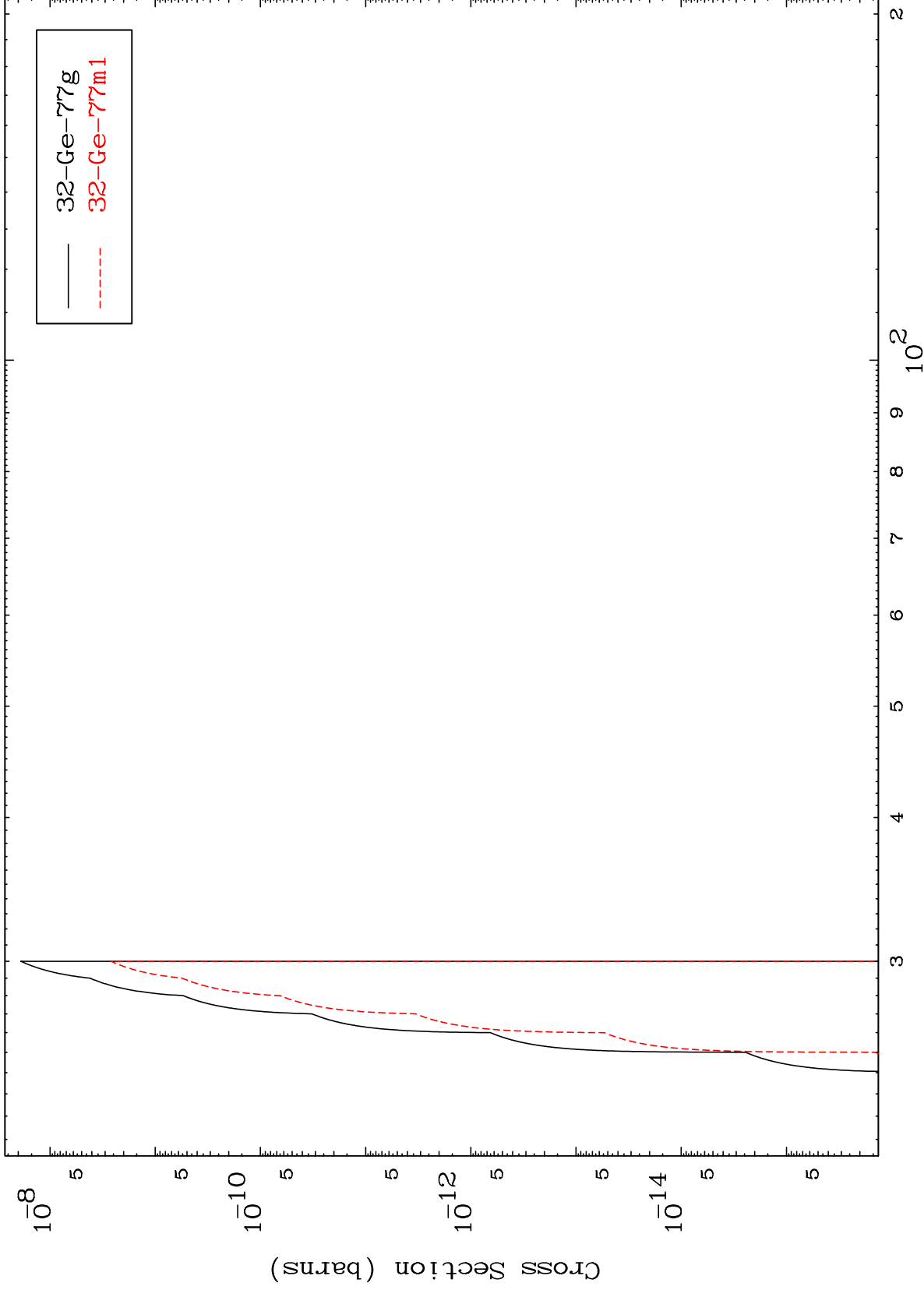


MAT 3443

(n,p) t

34-Se-80

Radionuclide Production Cross Section



80

Incident Energy (MeV)

34-Se-80