

Program EVALPLOT  
(Version 2021-1)

by

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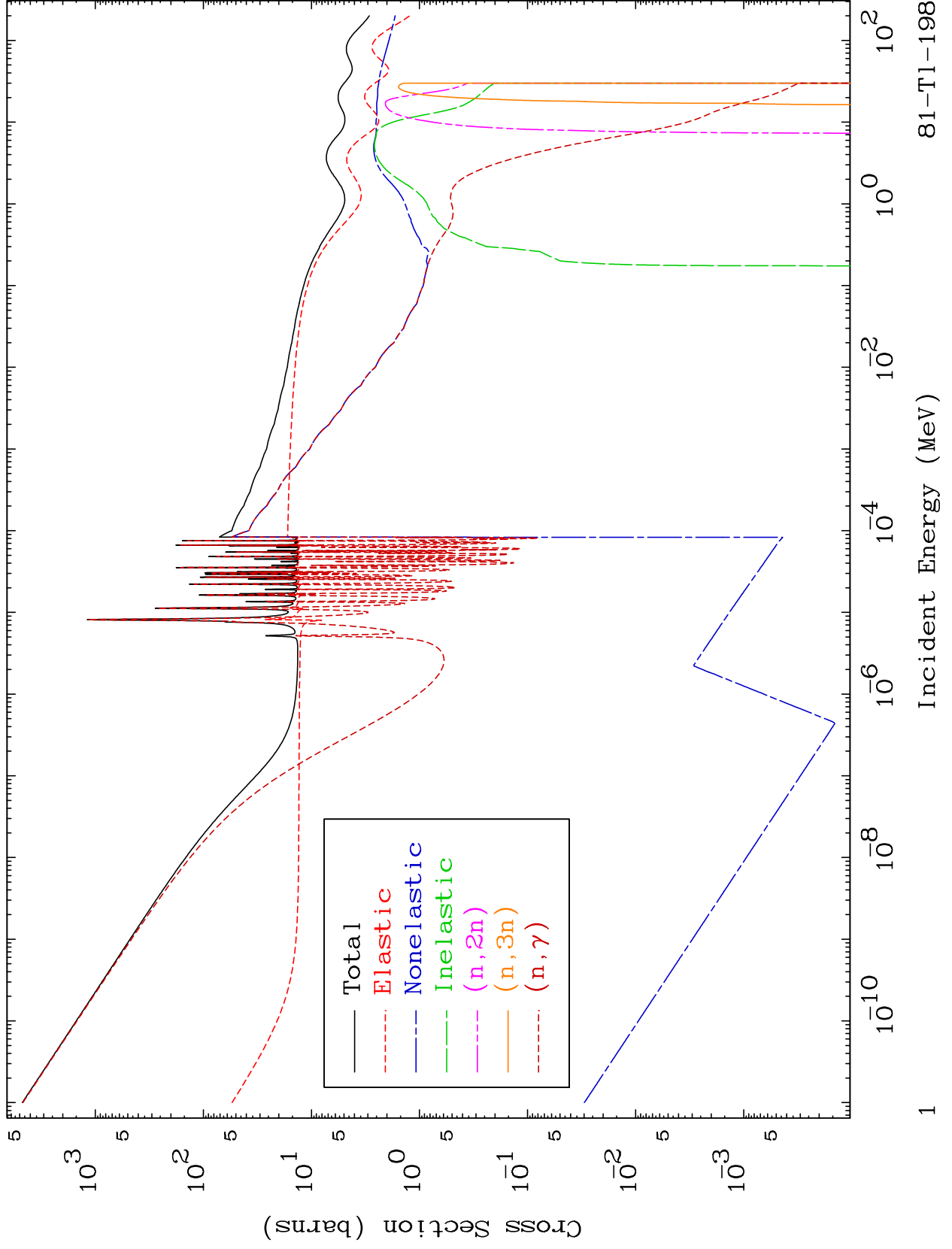
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Press Mouse Button to Start

MAT 8110

Neutron Major  
293 Kelvin Cross Sections

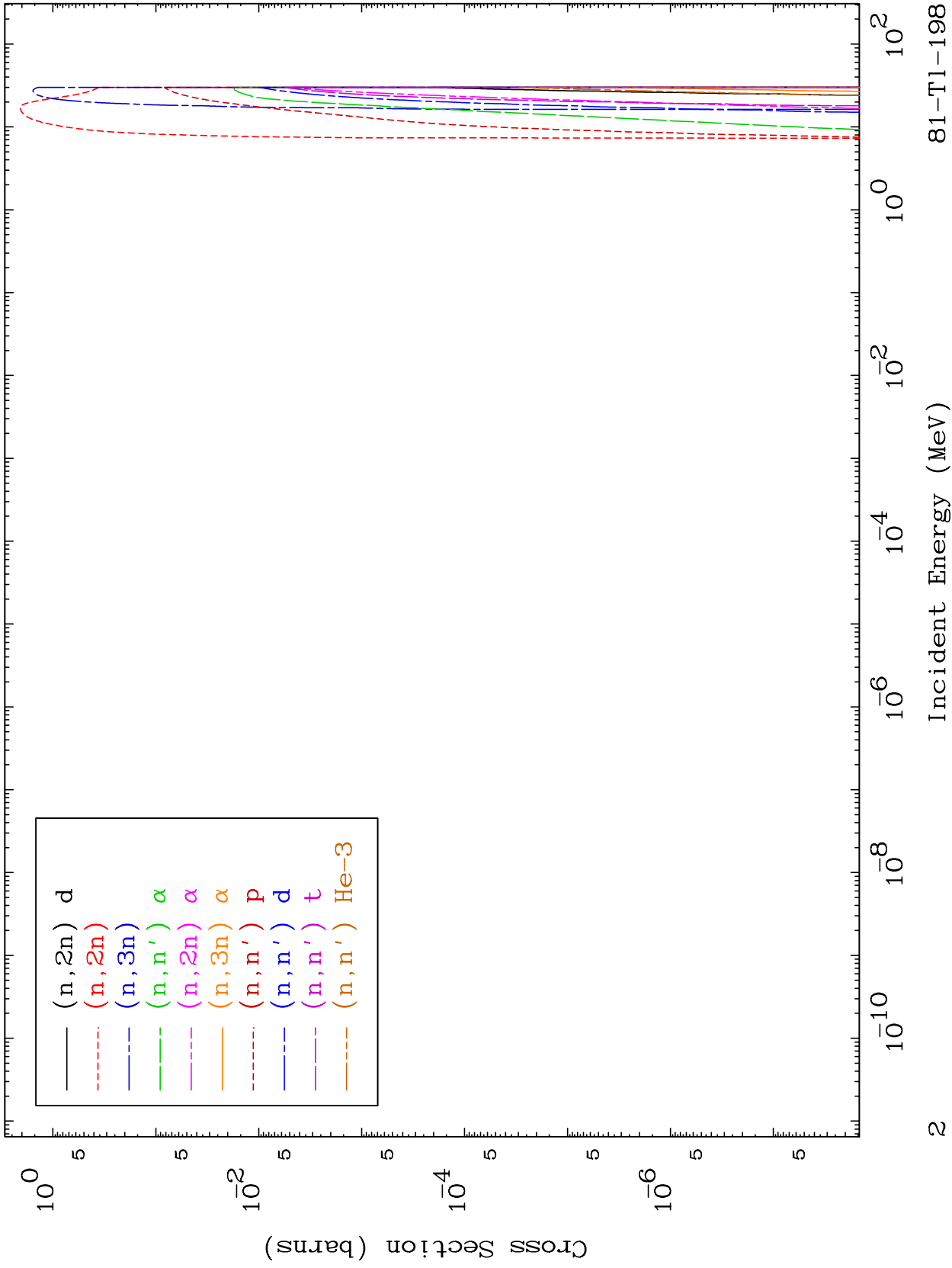
81-Tl-198

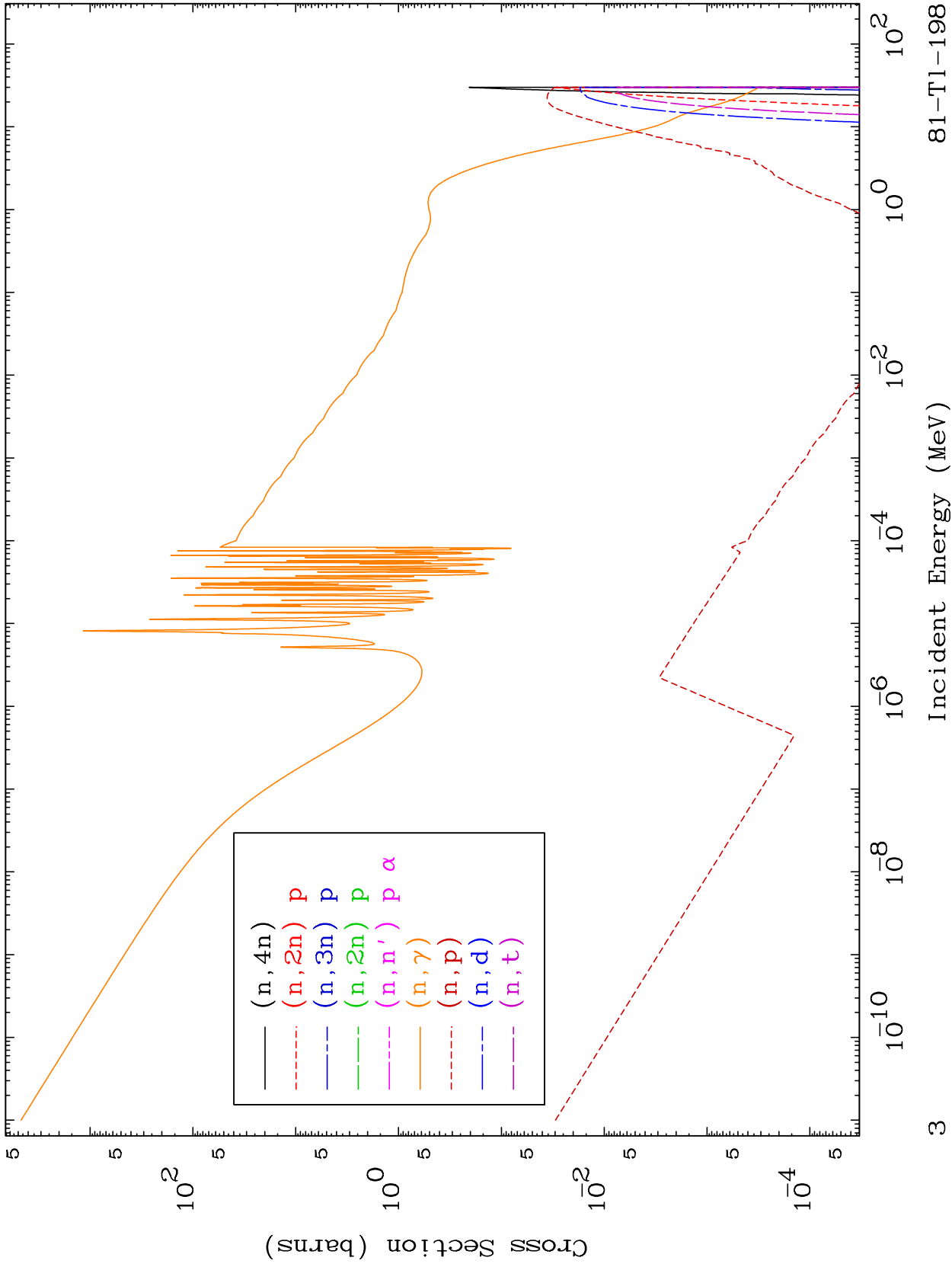


MAT 8110

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-198

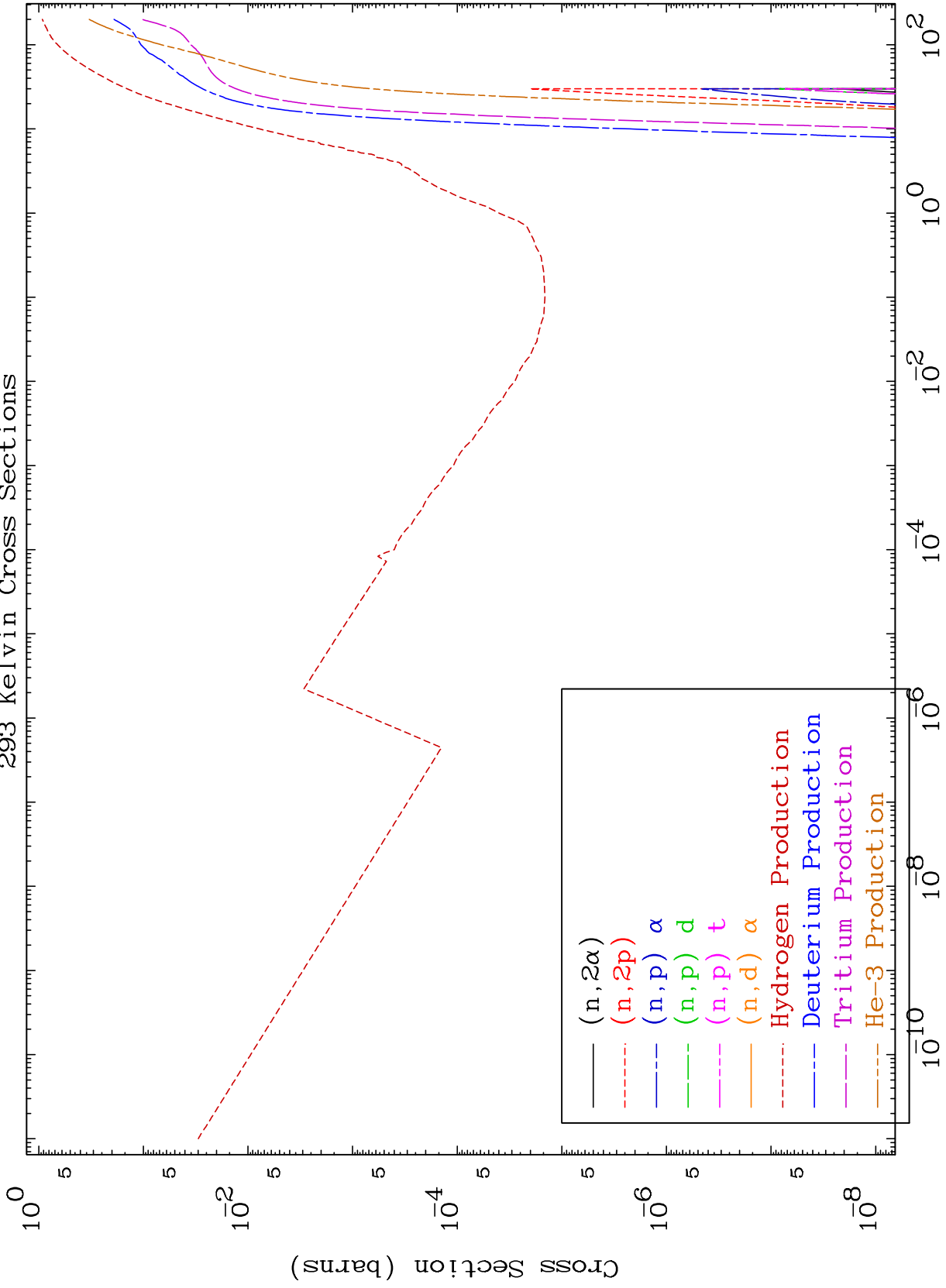




MAT 8110

Neutron Absorption  
293 Kelvin Cross Sections

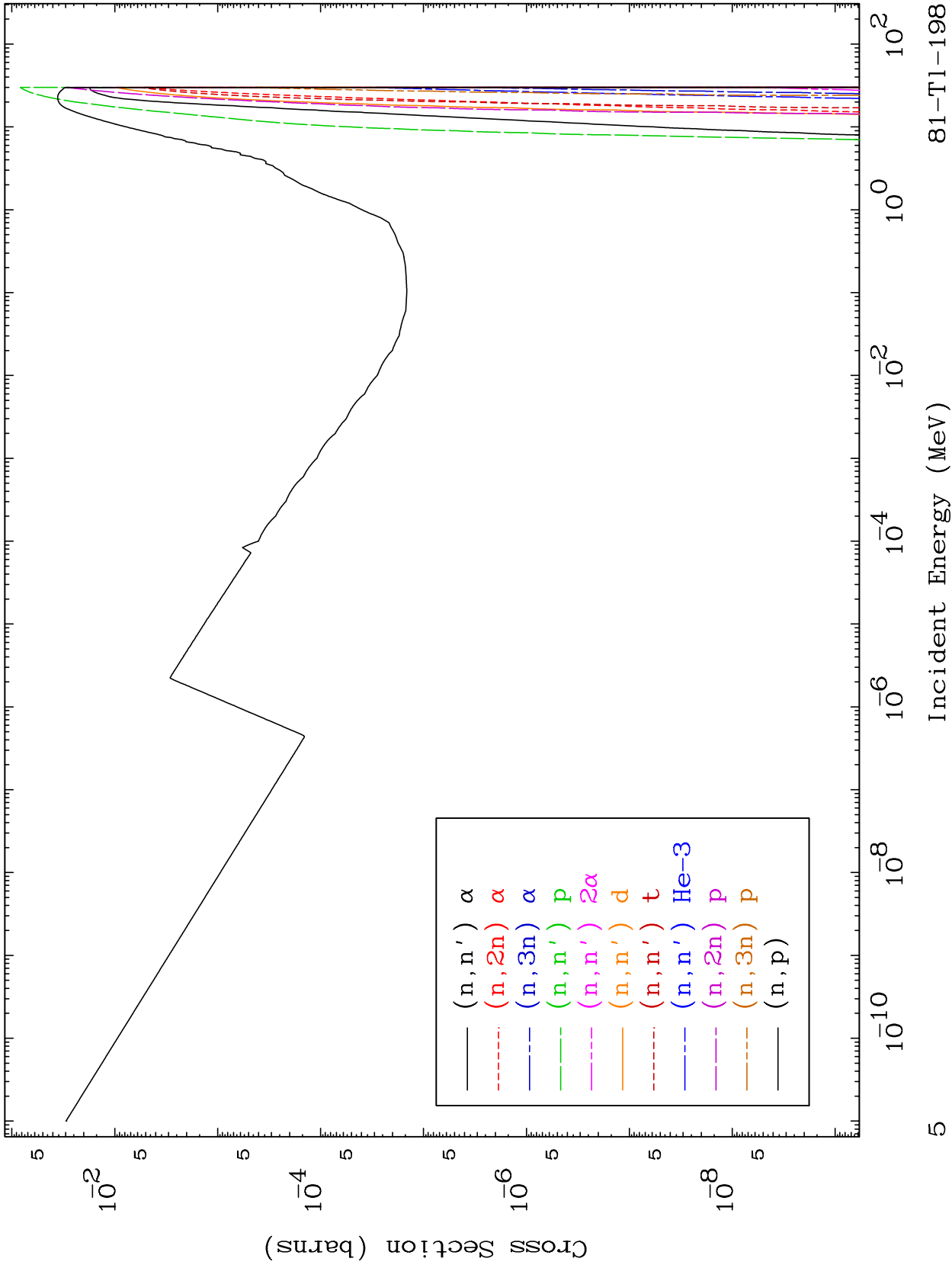
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MAT 8110

Charged Particle  
293 Kelvin Cross Sections

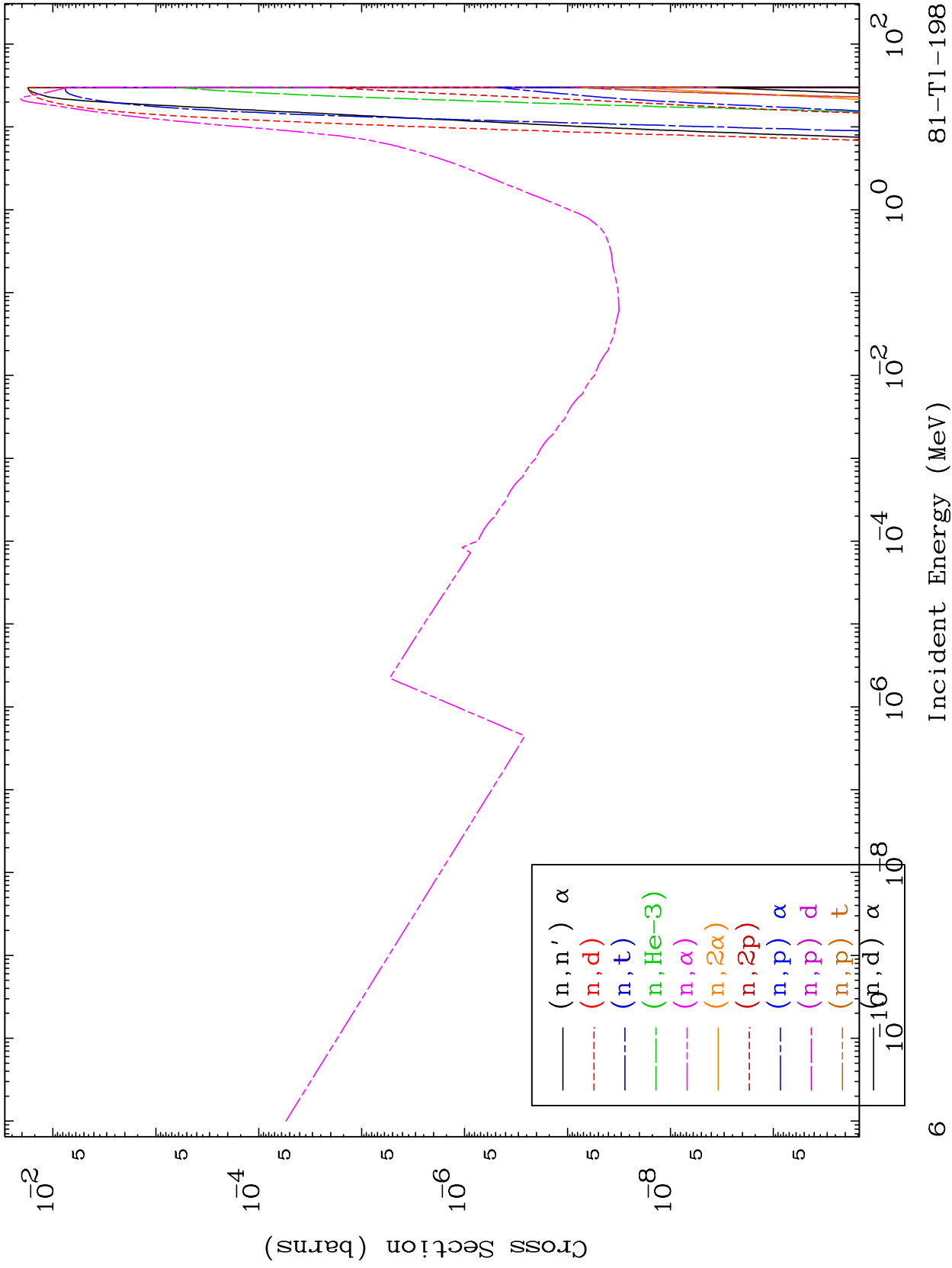
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MAT 8110

Charged Particle  
293 Kelvin Cross Sections

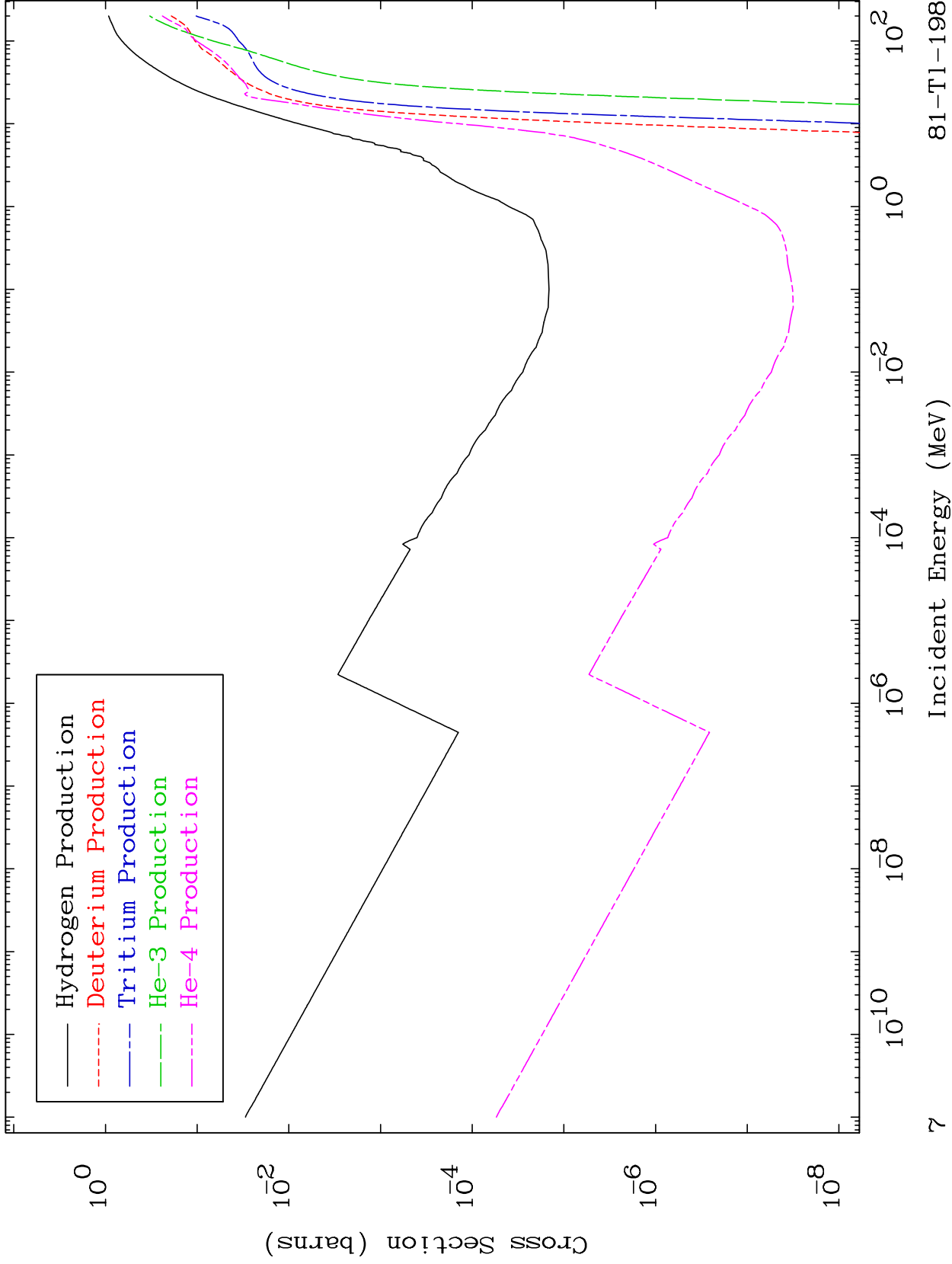
81-Tl-198



MAT 8110

Particle Production  
293 Kelvin Cross Sections

81-Tl-198

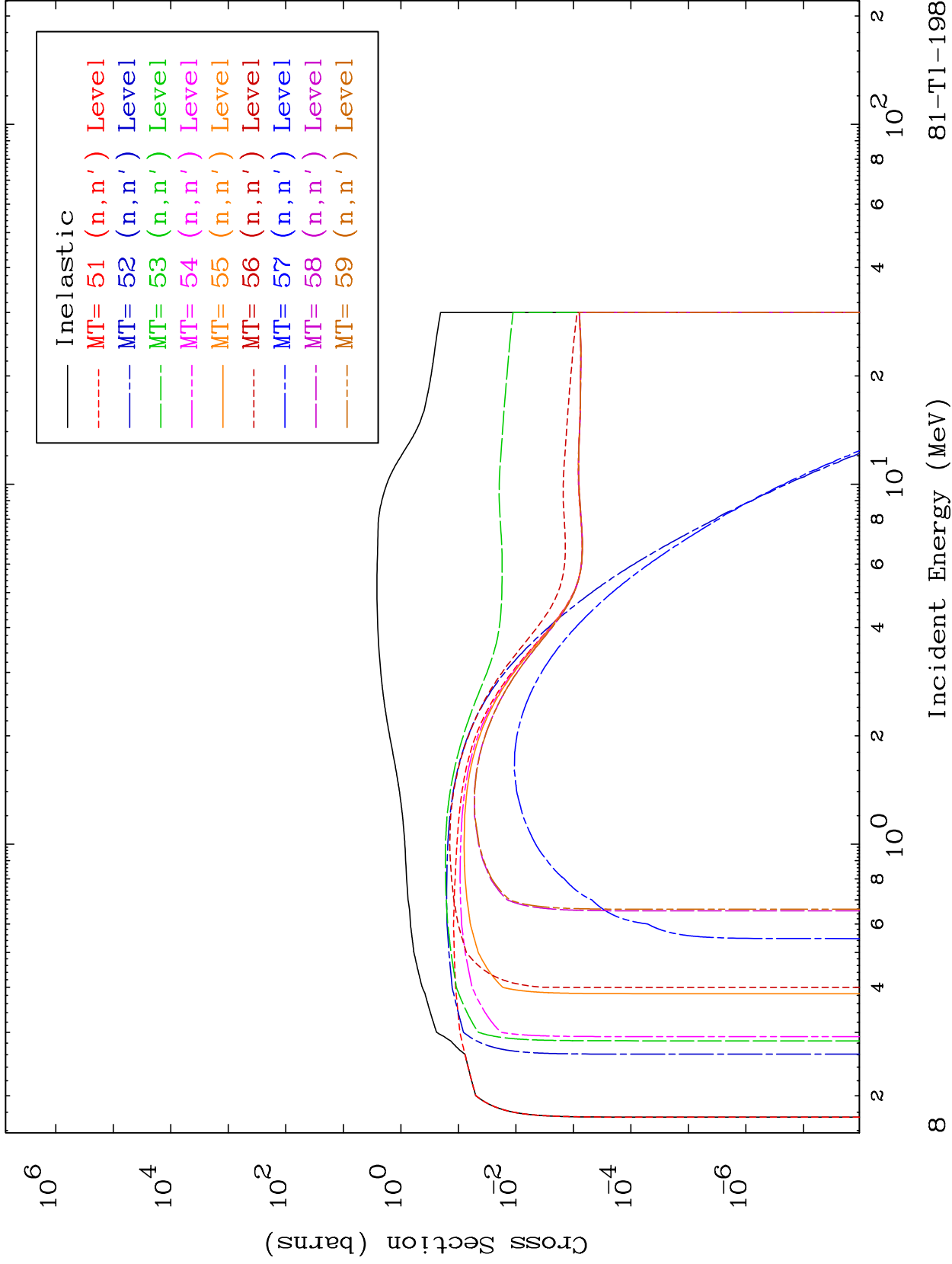


MAT 8110

(n,n') Levels

81-Tl-198

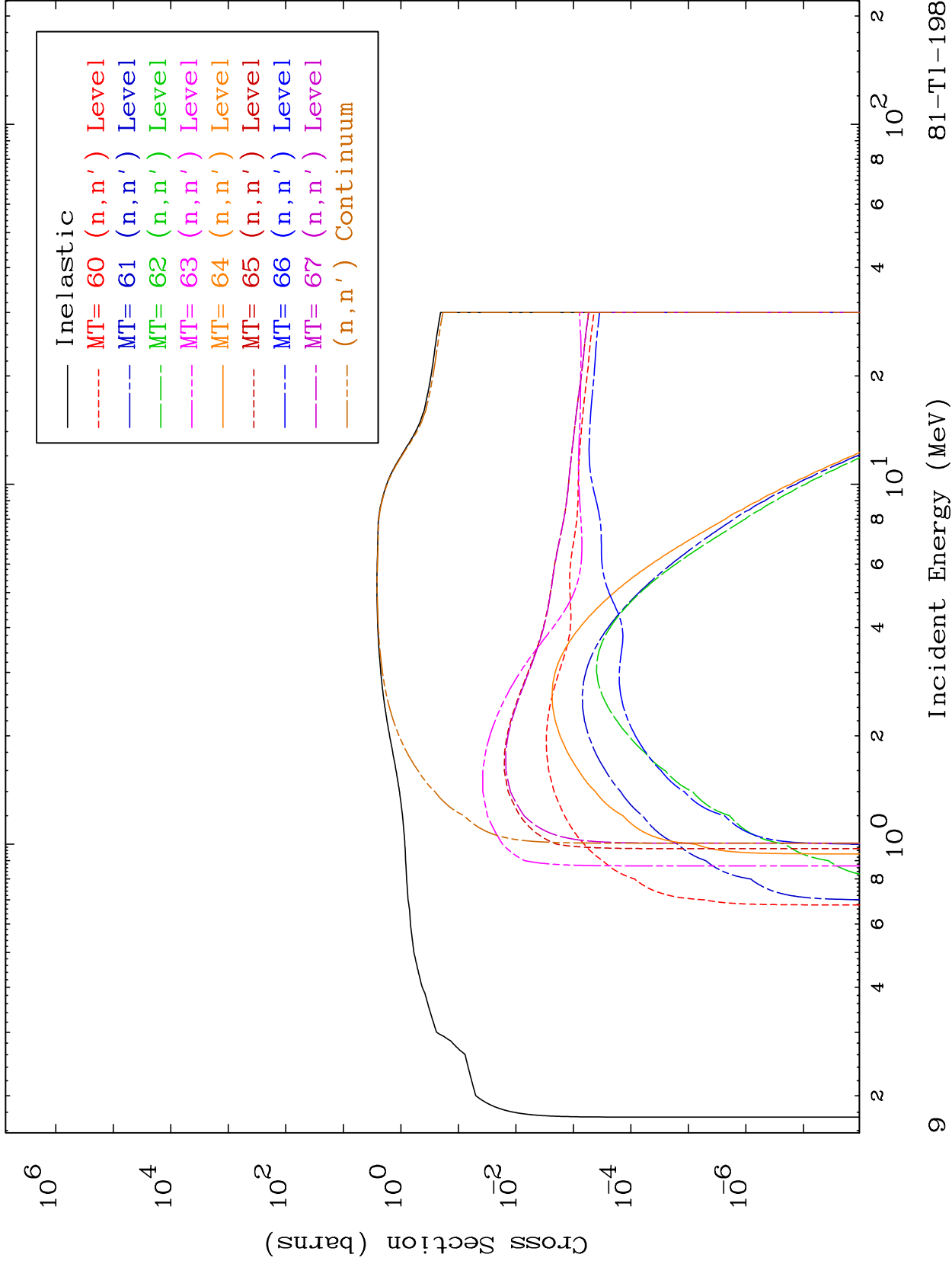
293 Kelvin Cross Sections



Incident Energy (MeV)

81-Tl-198

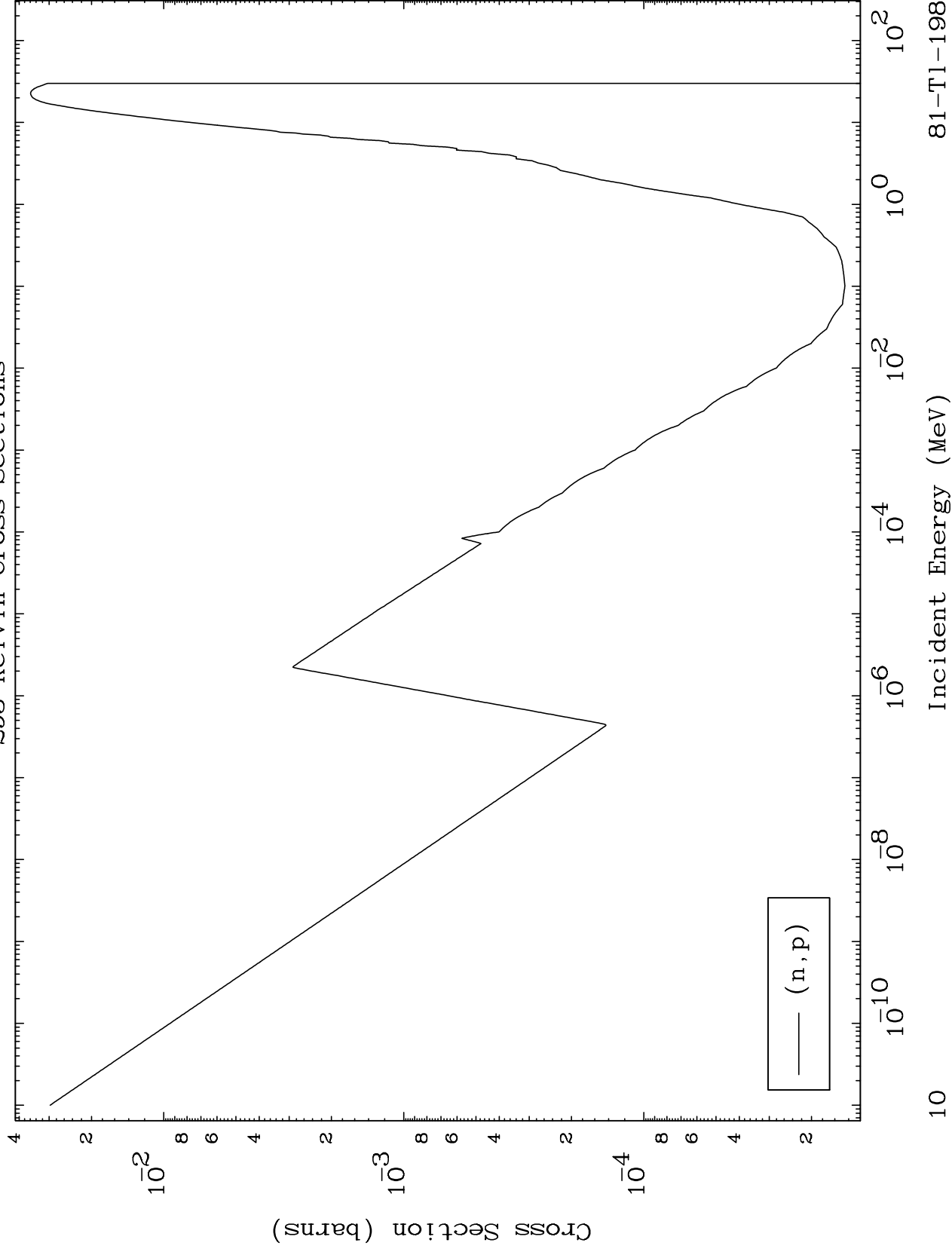
293 Kelvin Cross Sections



MAT 8110

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-198



10

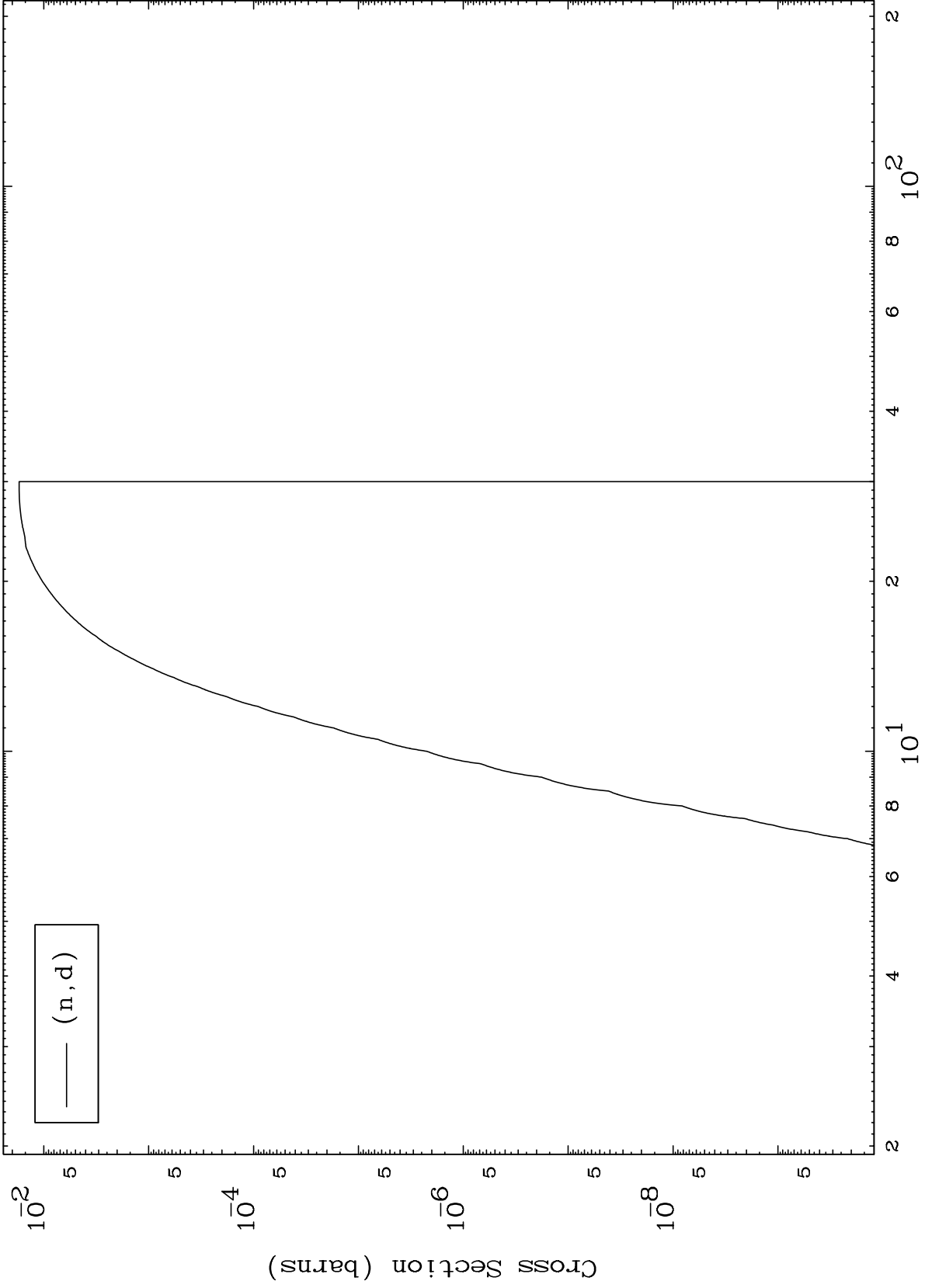
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-198



11

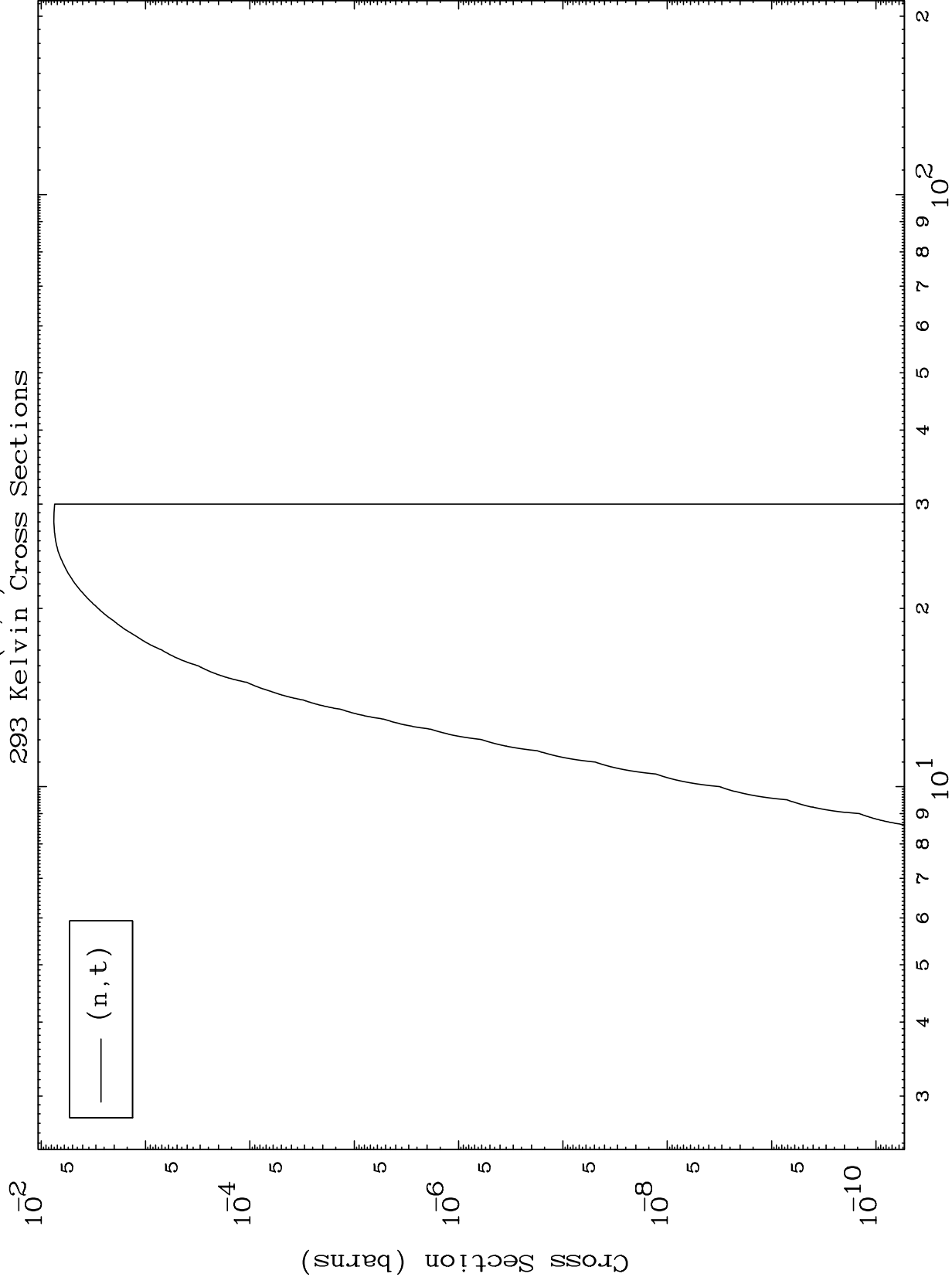
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81-Tl-198

MAT 8110

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-198



12

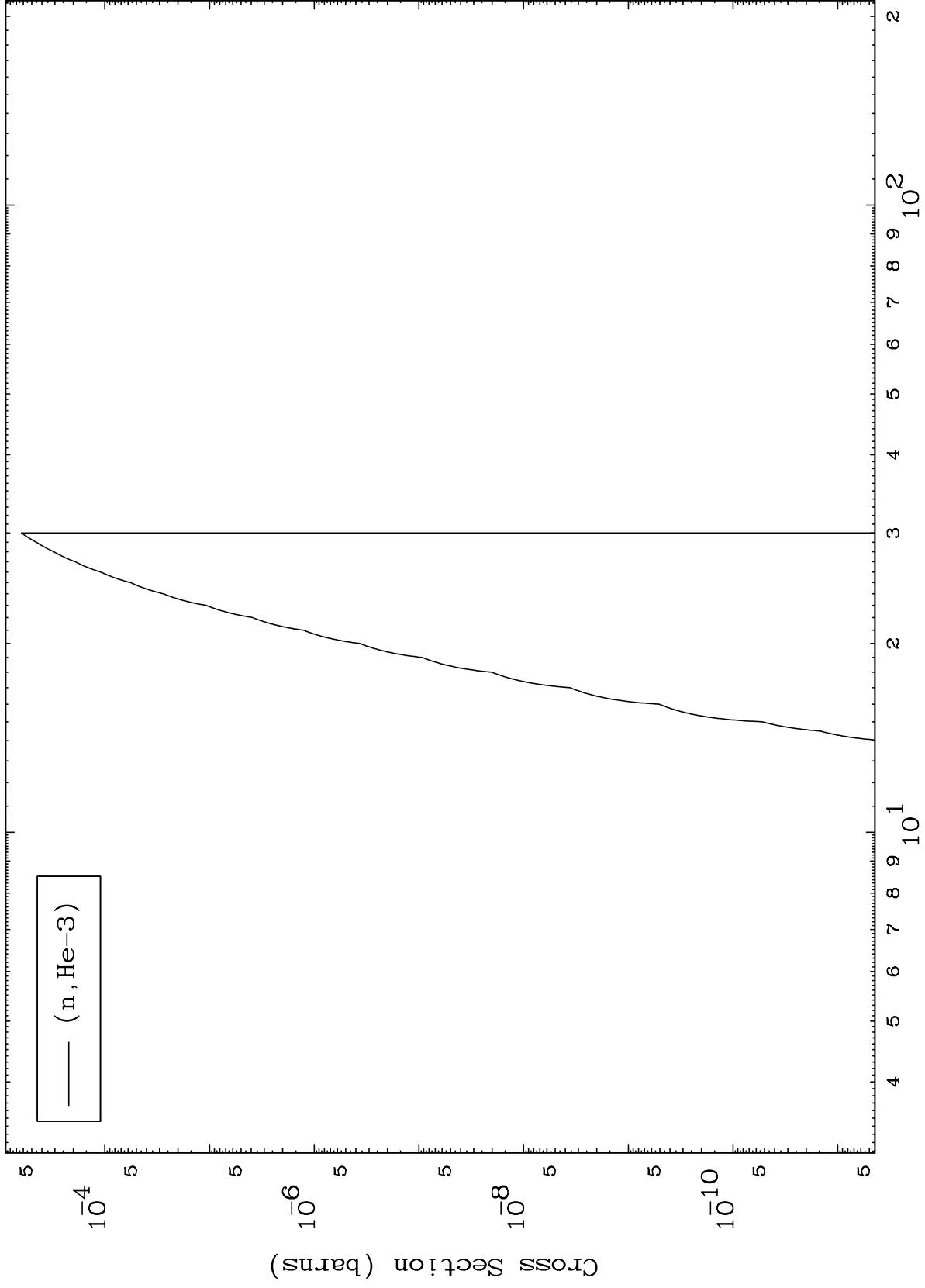
Incident Energy (MeV)

81-T1-198

MAT 8110

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-198



13

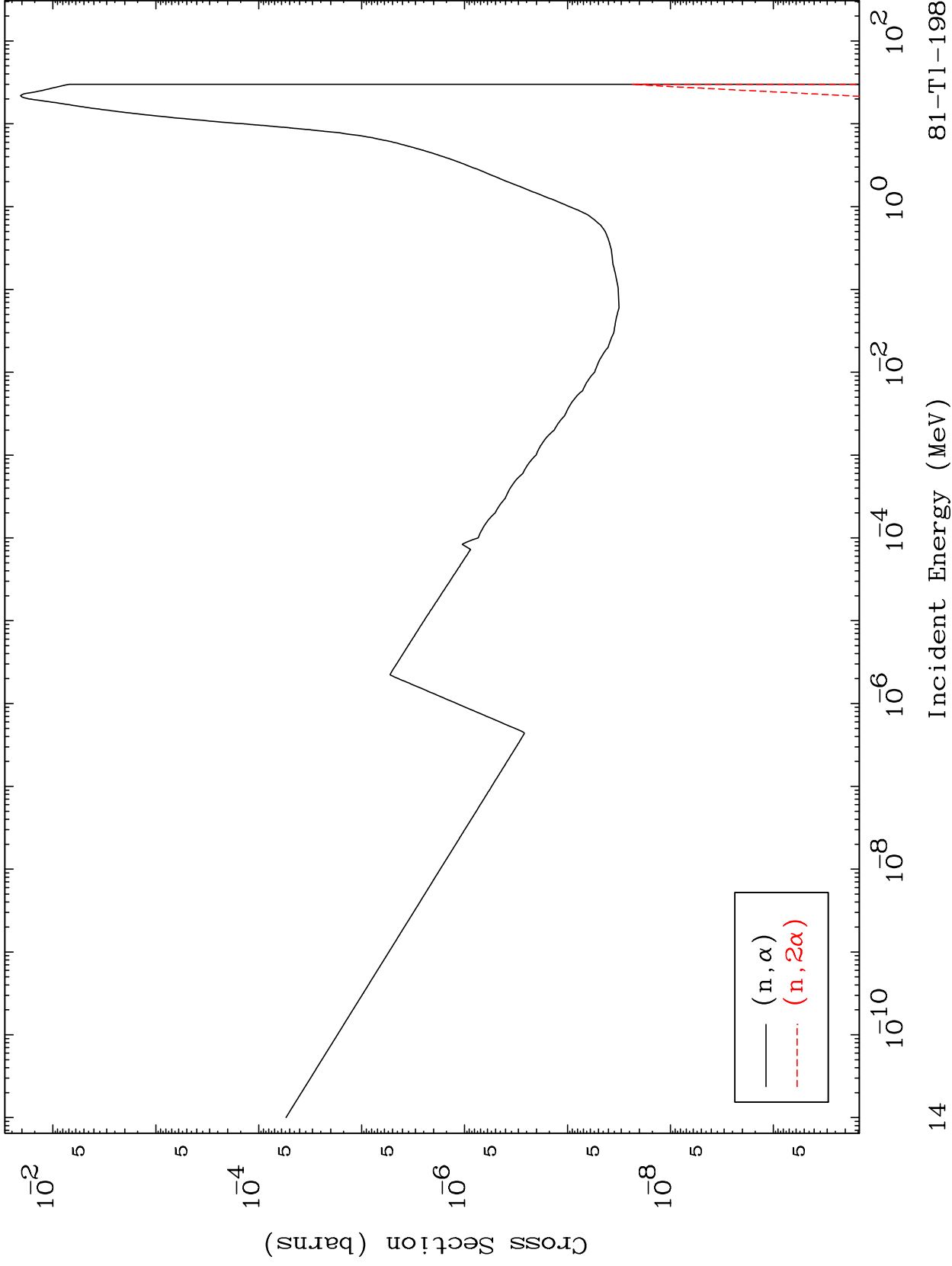
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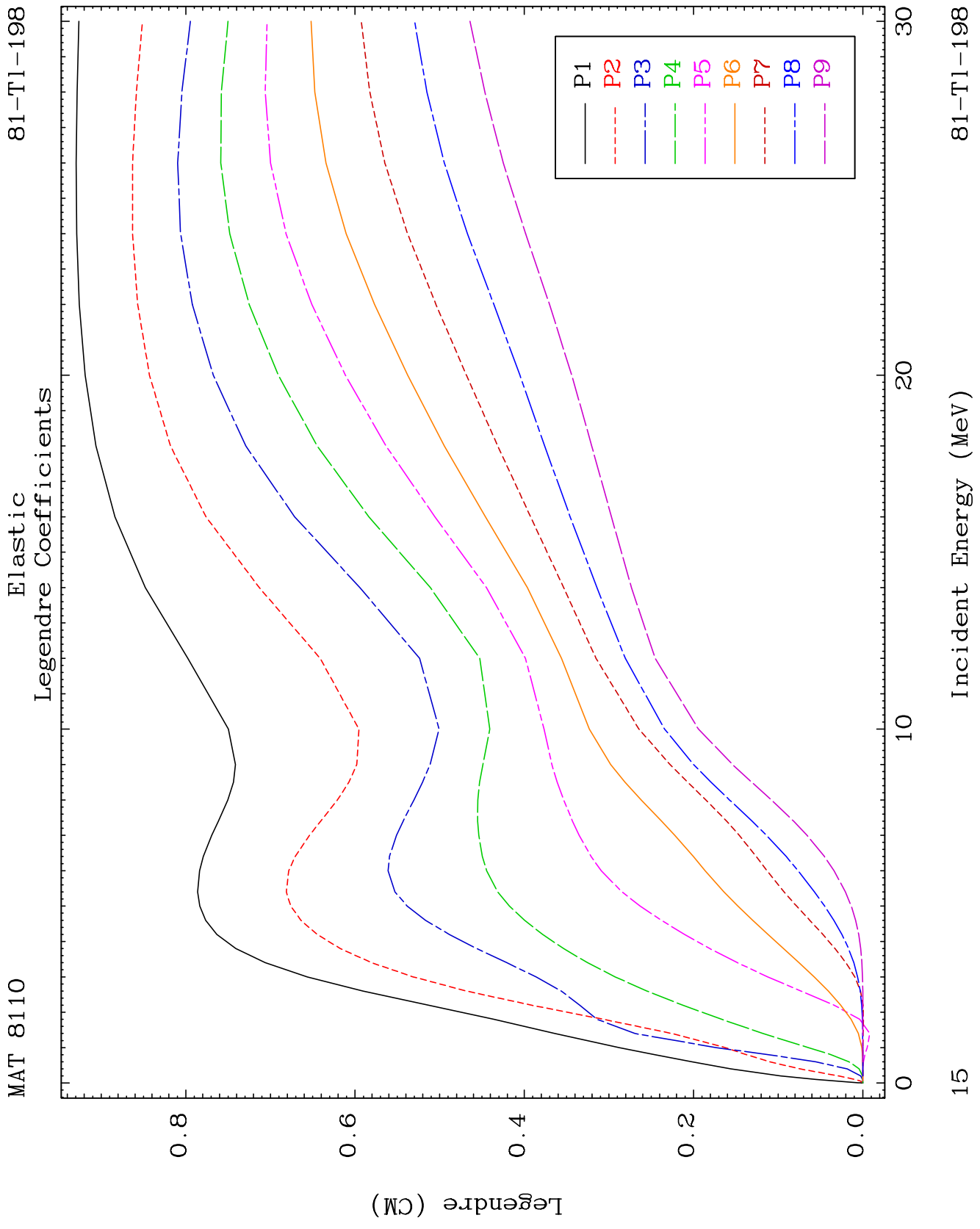
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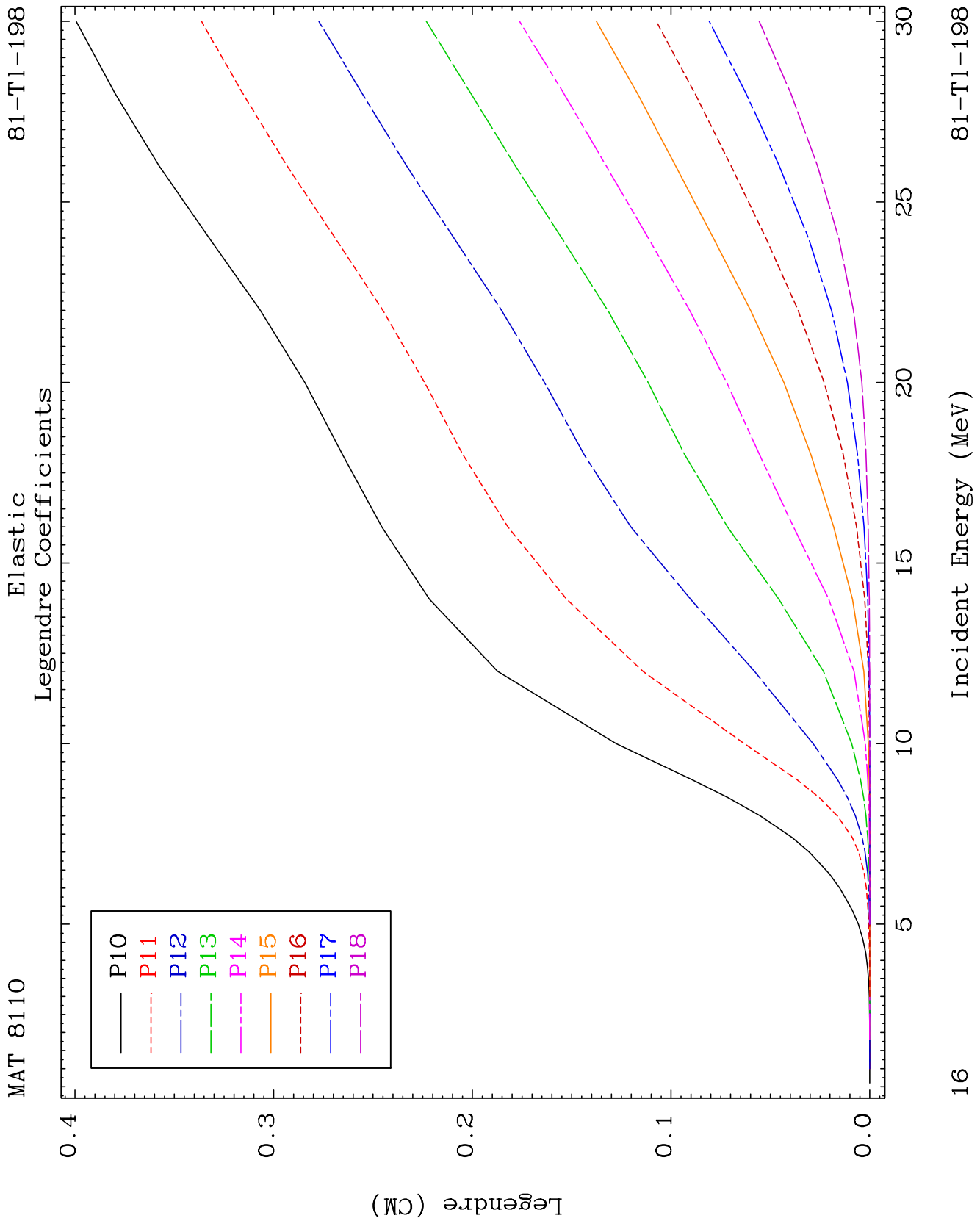
MAT 8110

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-198



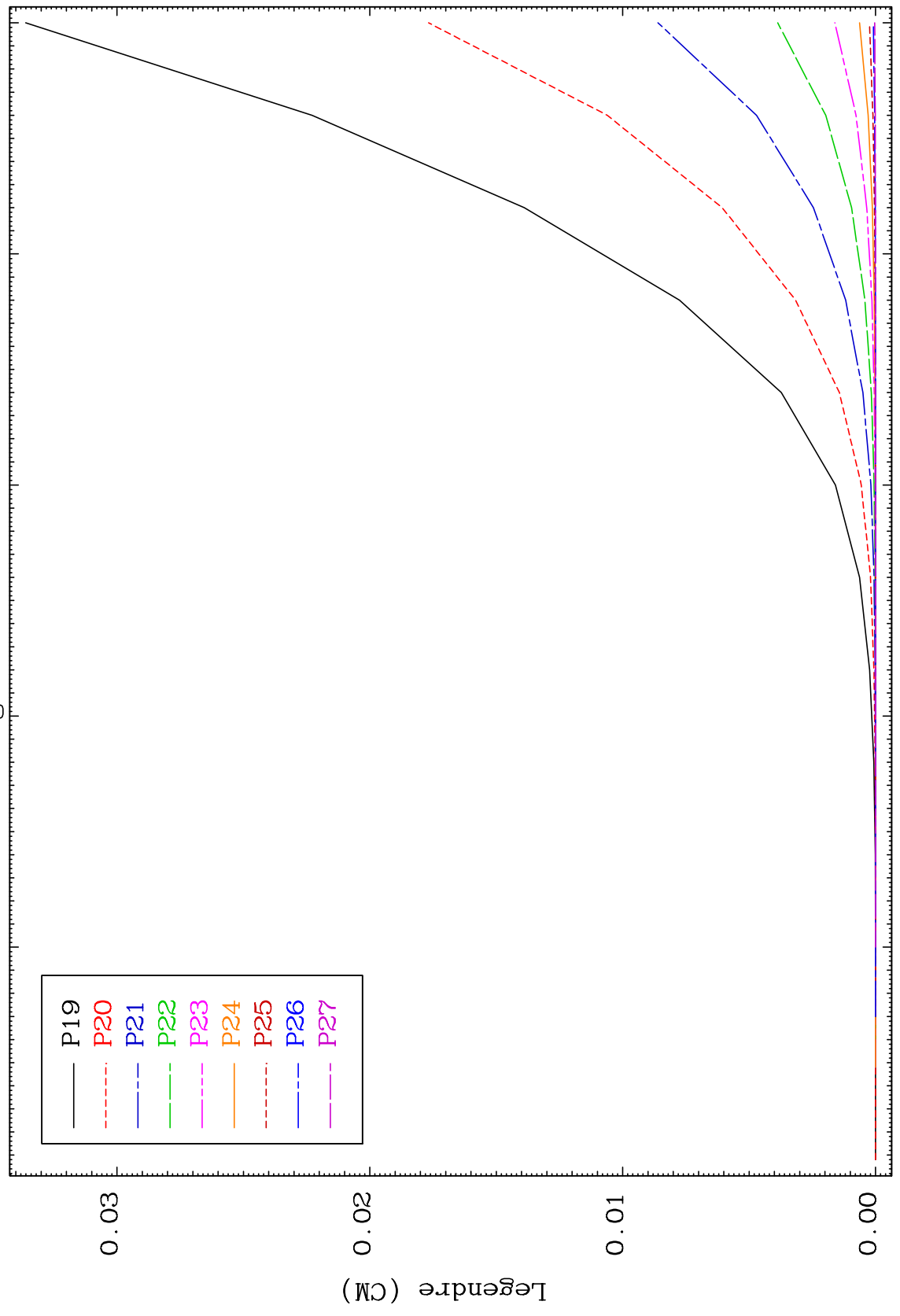




MAT 8110

### Elastic Legendre Coefficients

81-T1-198



17

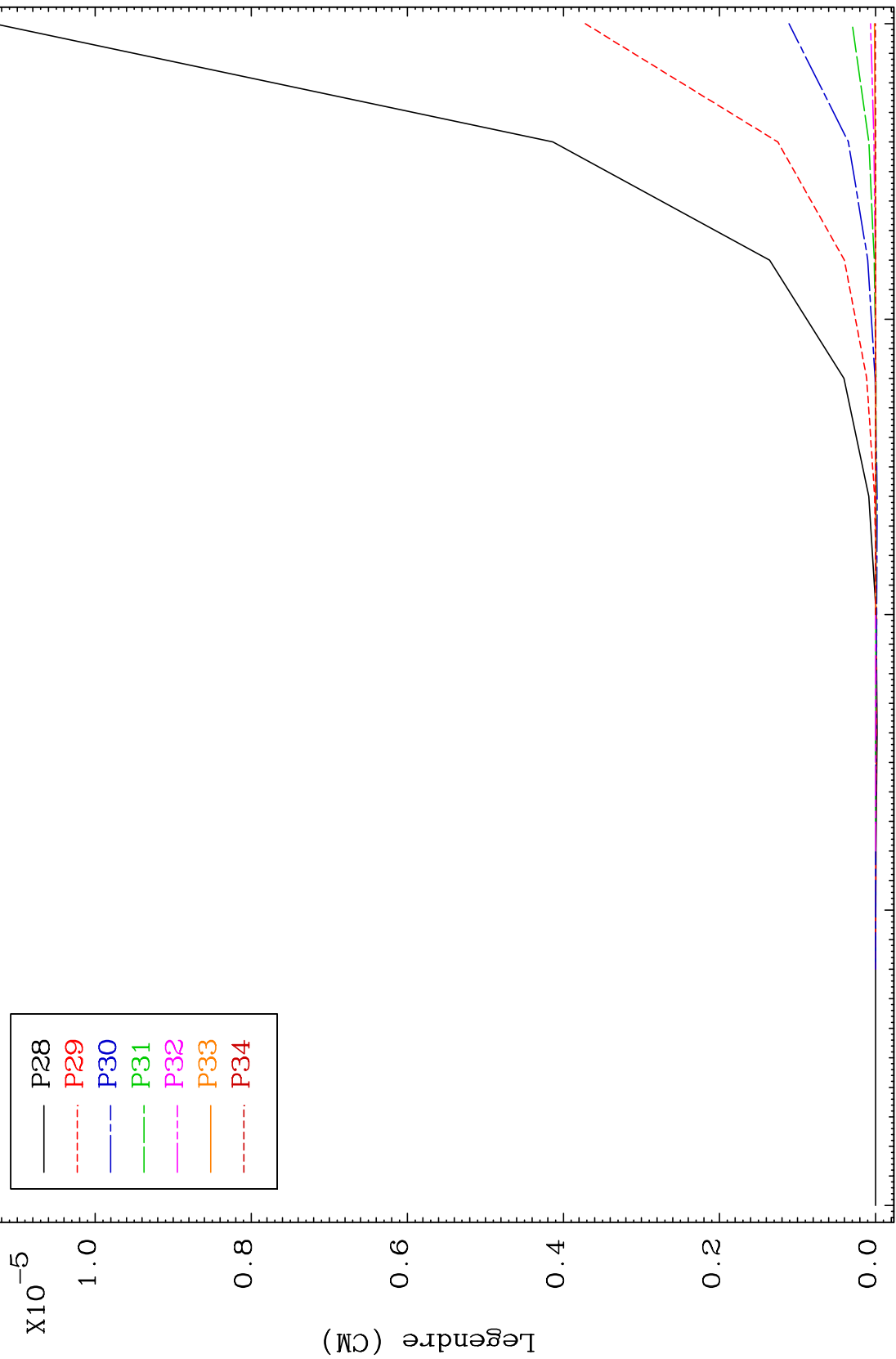
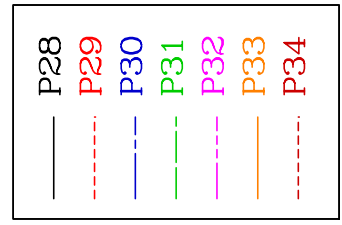
Incident Energy (MeV)

81-T1-198

MAT 8110

Elastic Legendre Coefficients

81-T1-198



18

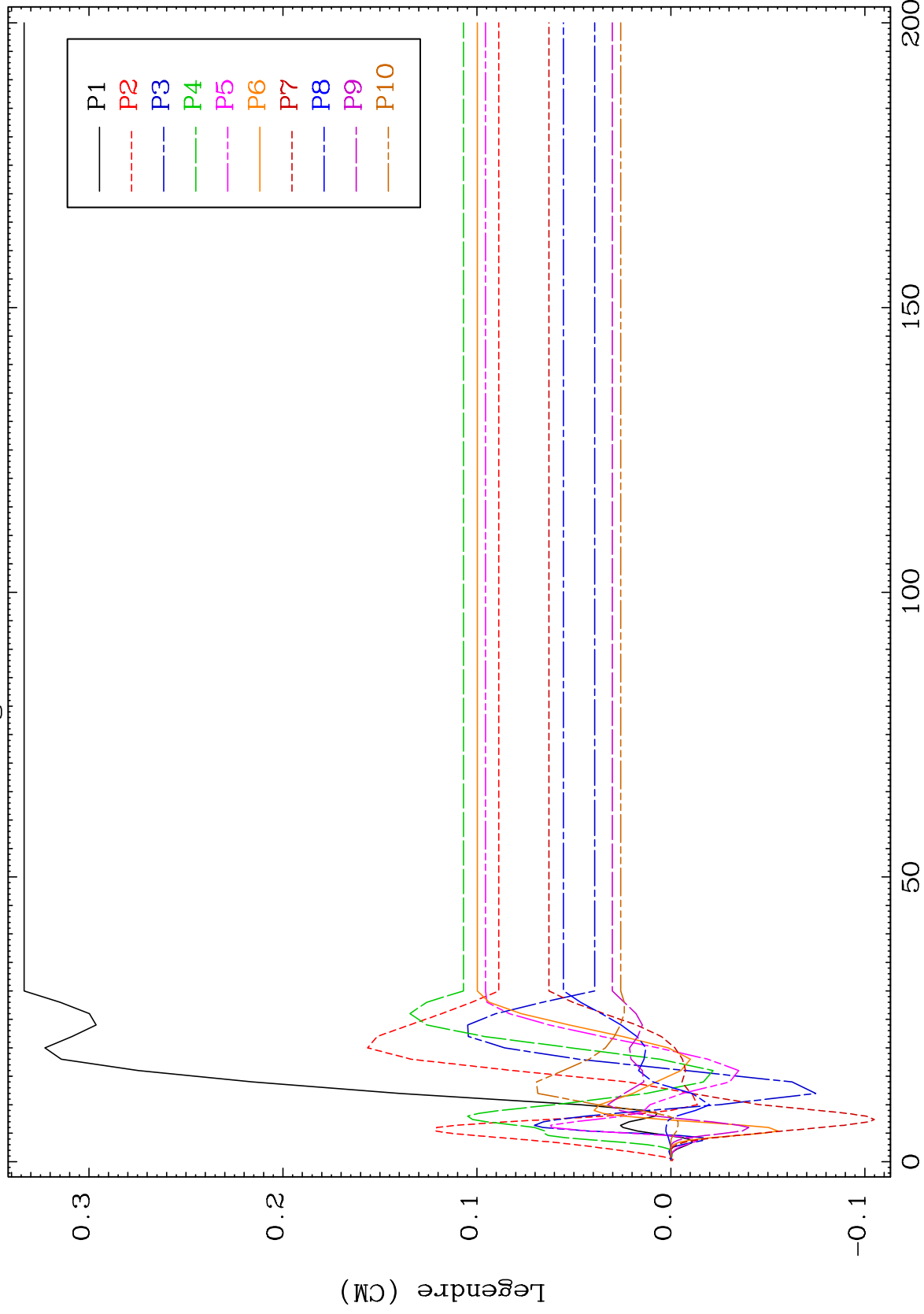
Incident Energy (MeV)

81-T1-198

MAT 8110

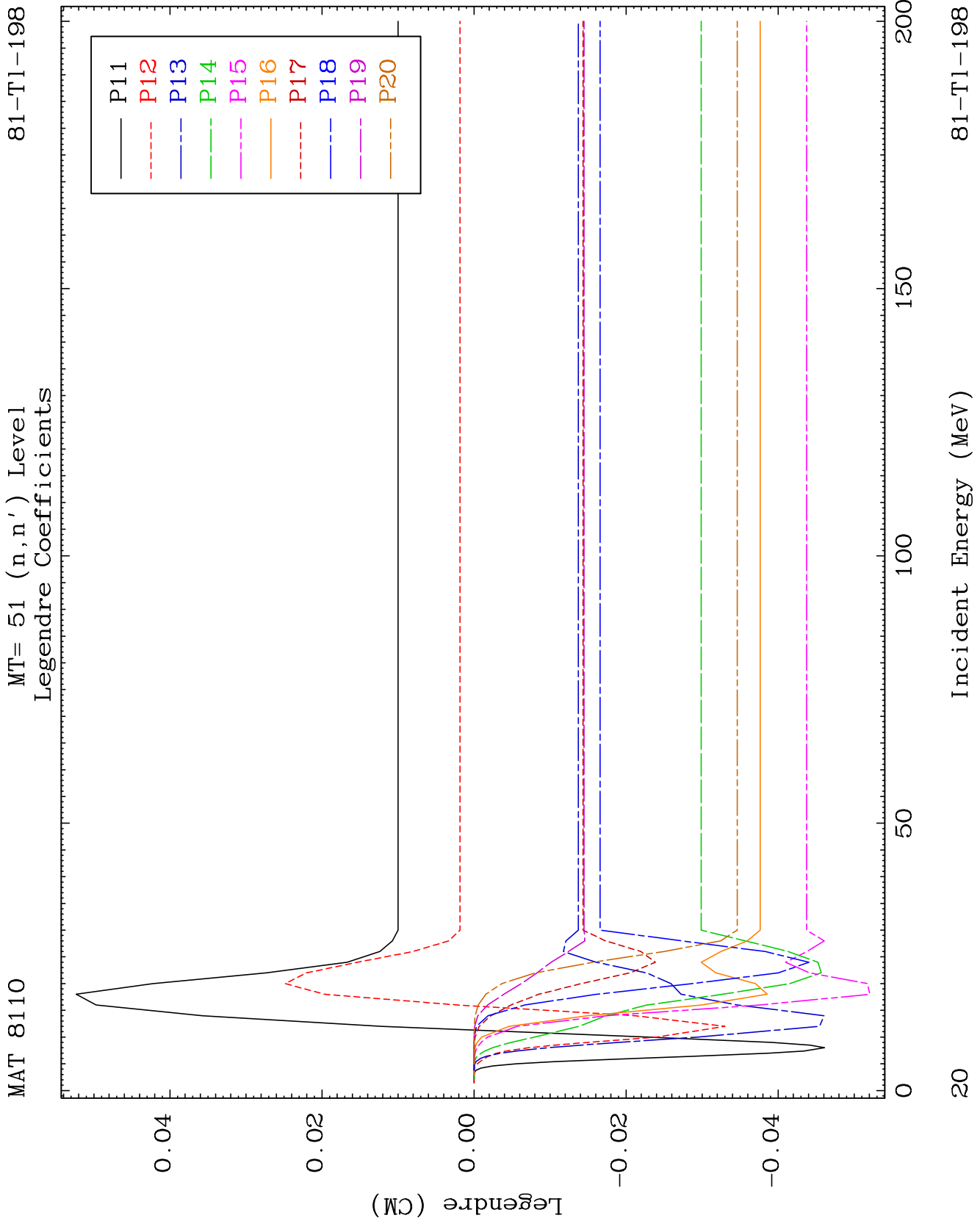
MT= 51 (n,n') Level  
Legendre Coefficients

81-T1-198



19

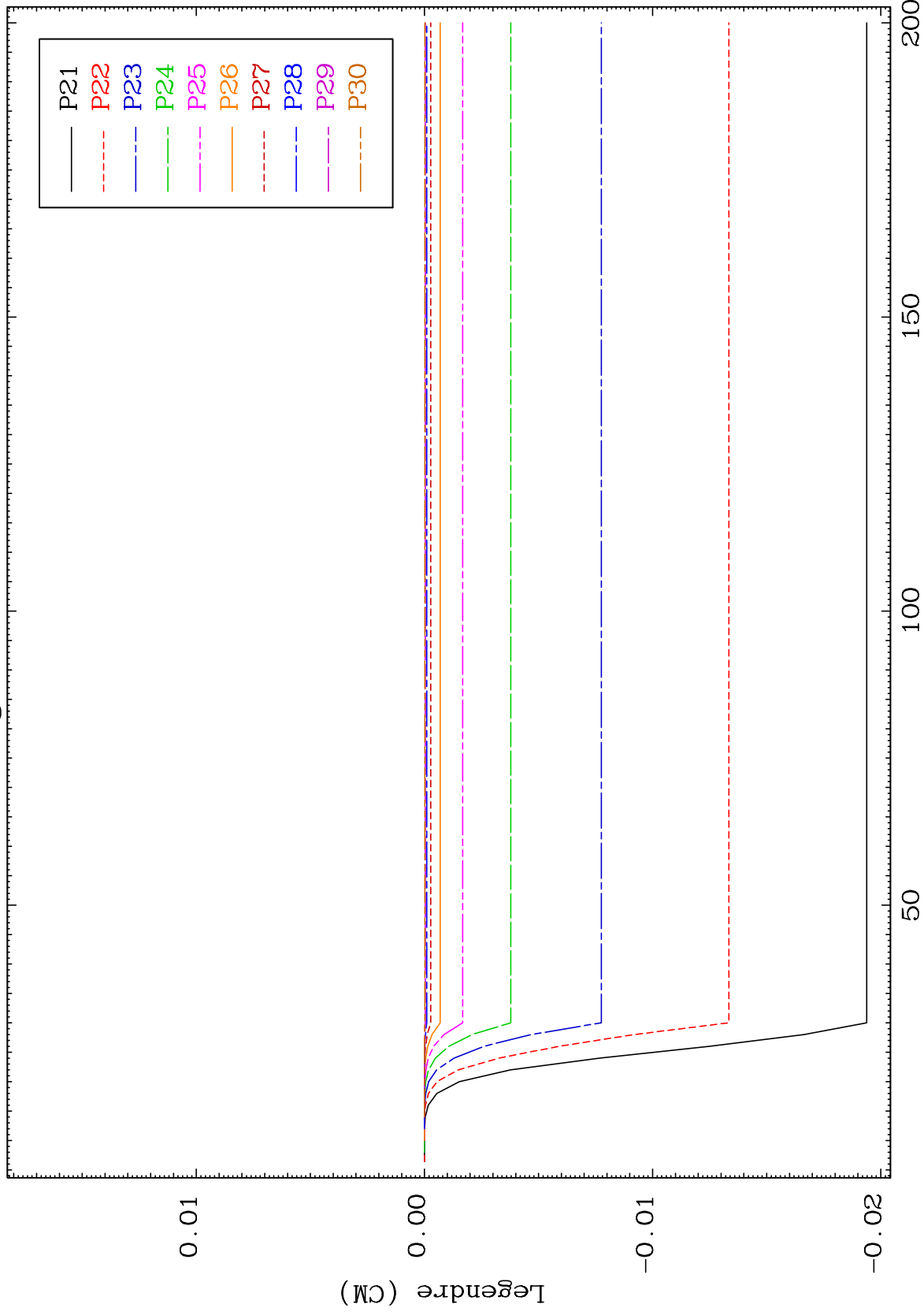
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MAT 8110

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Legendre Coefficients

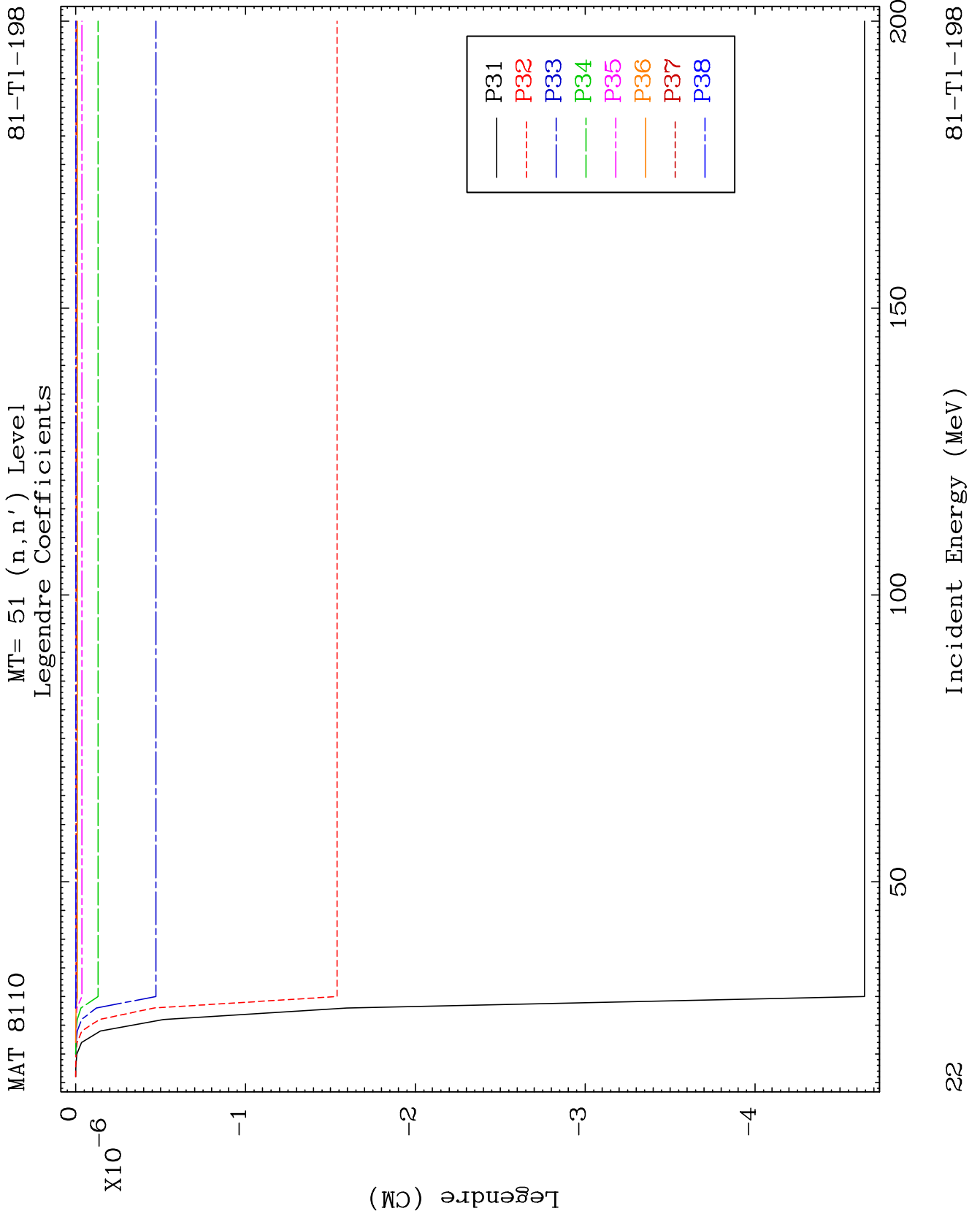
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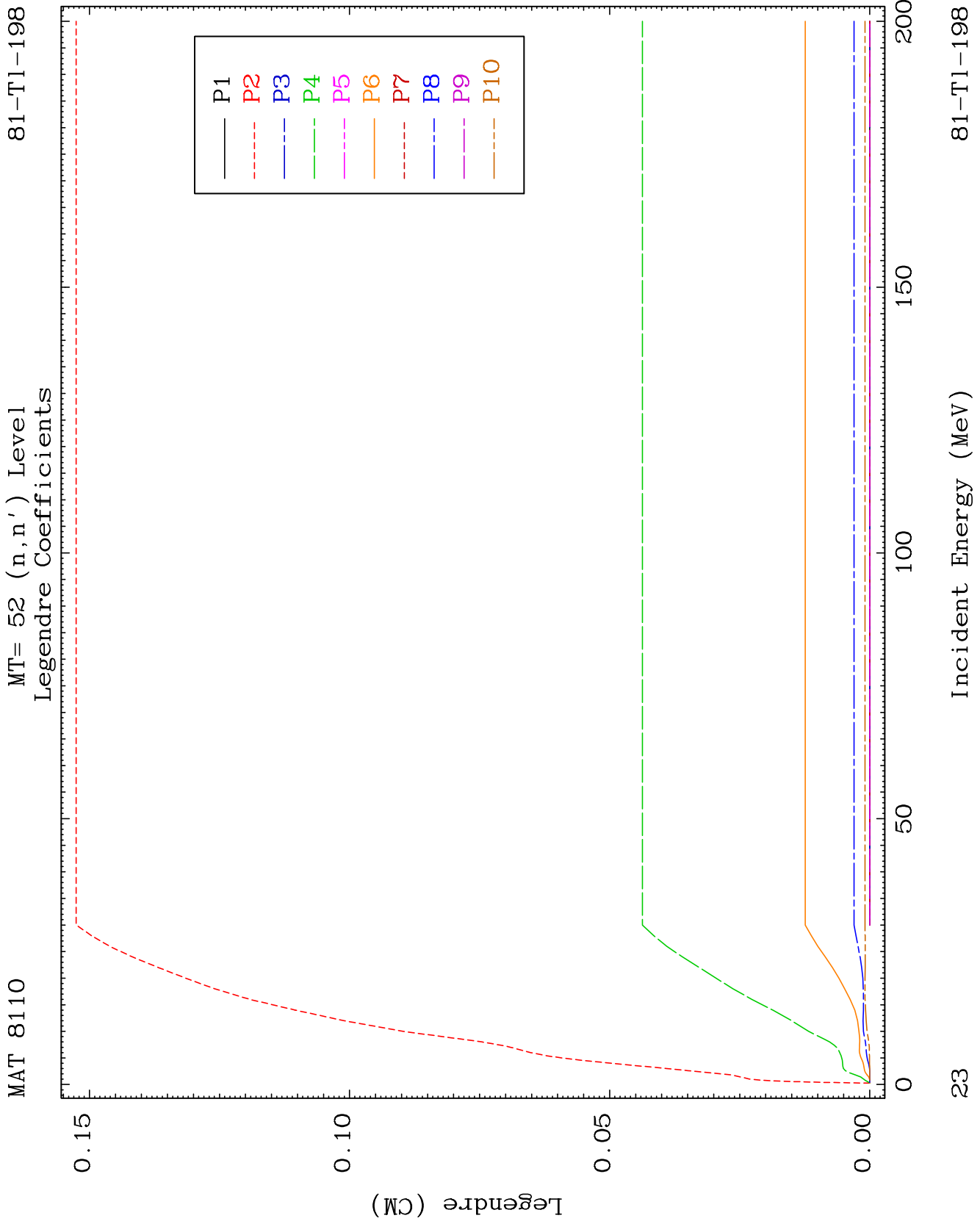


21

Incident Energy (MeV)

81-T1-198

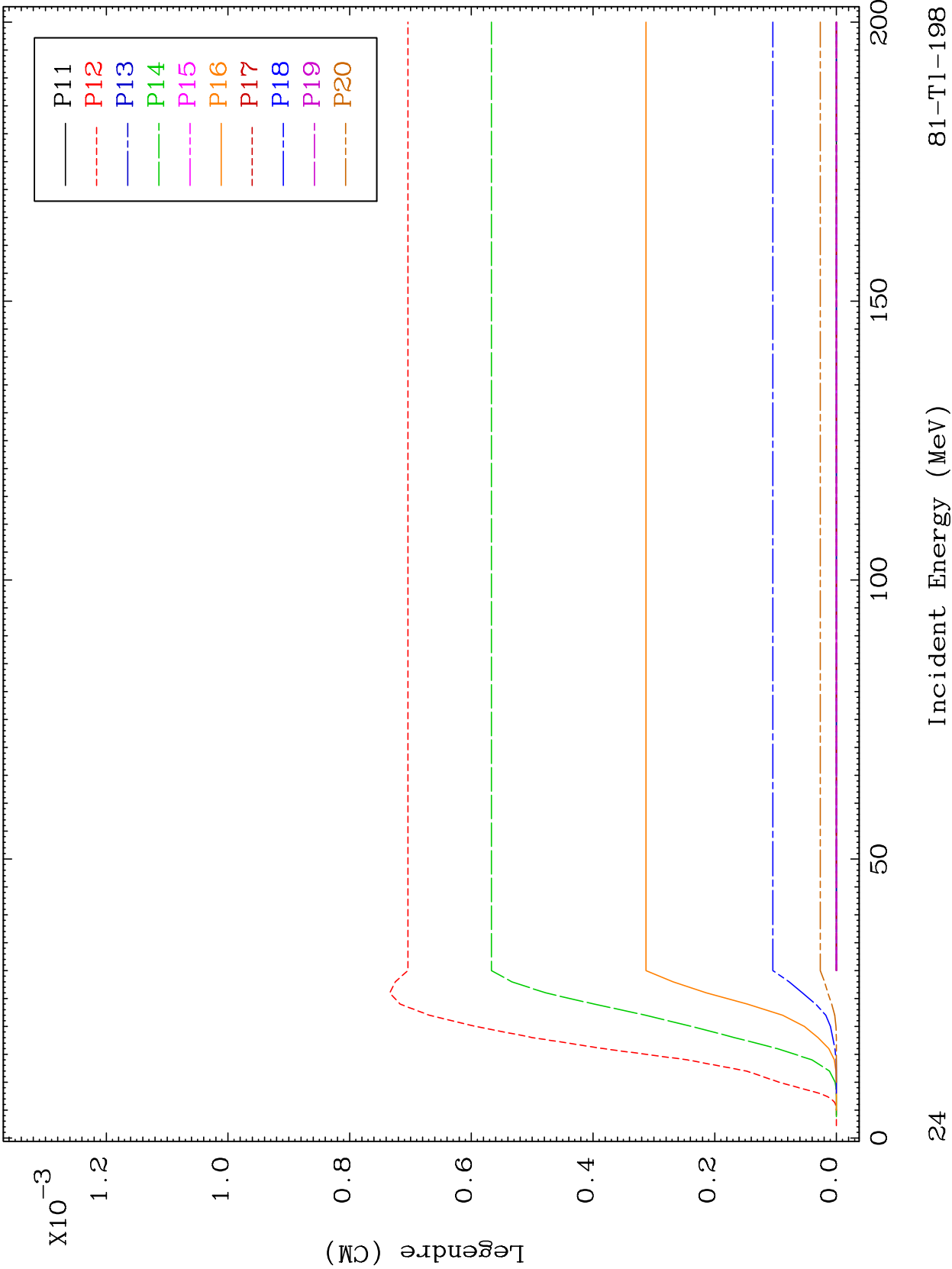




MAT 81110

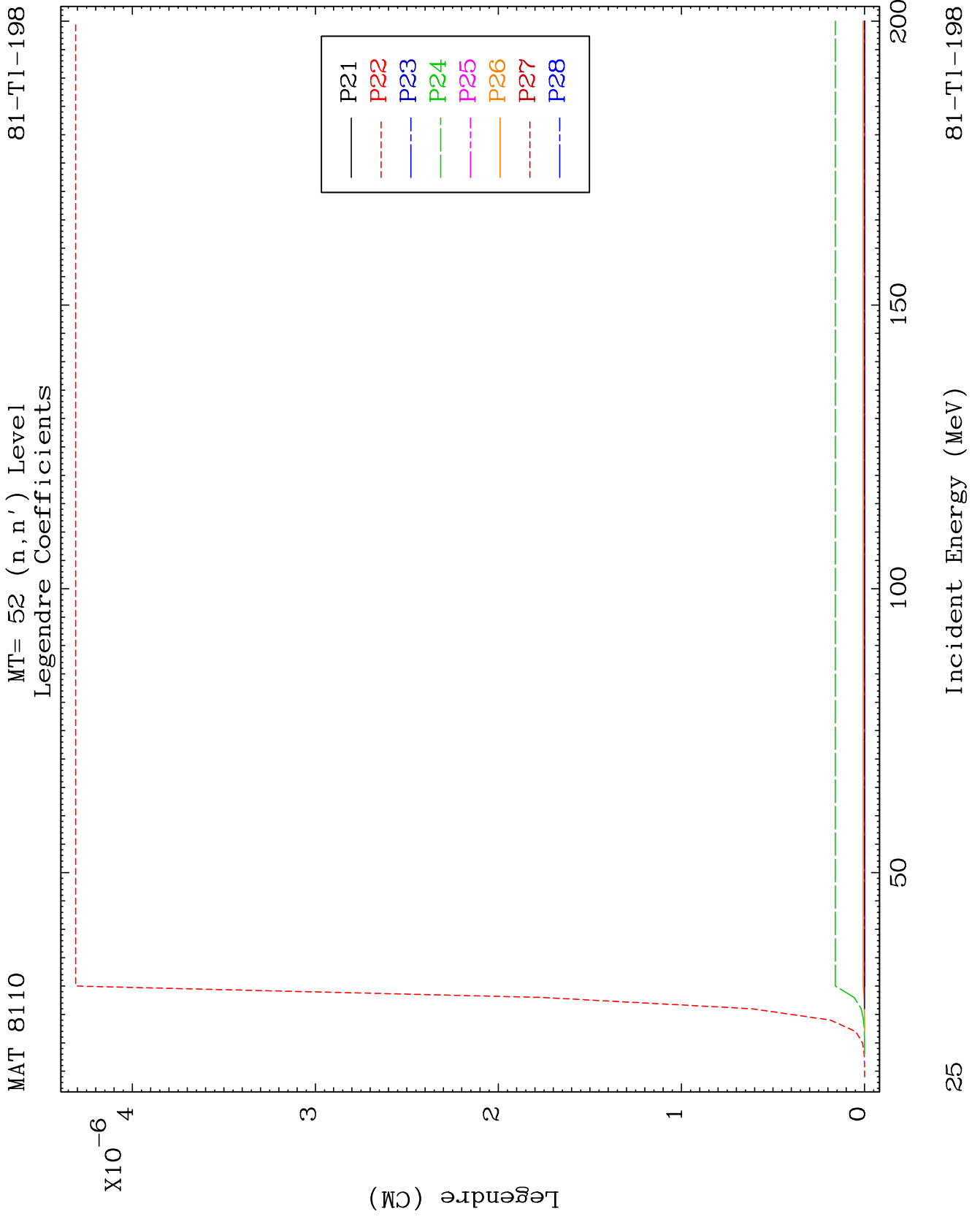
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Legendre Coefficients

81-T1-198



24

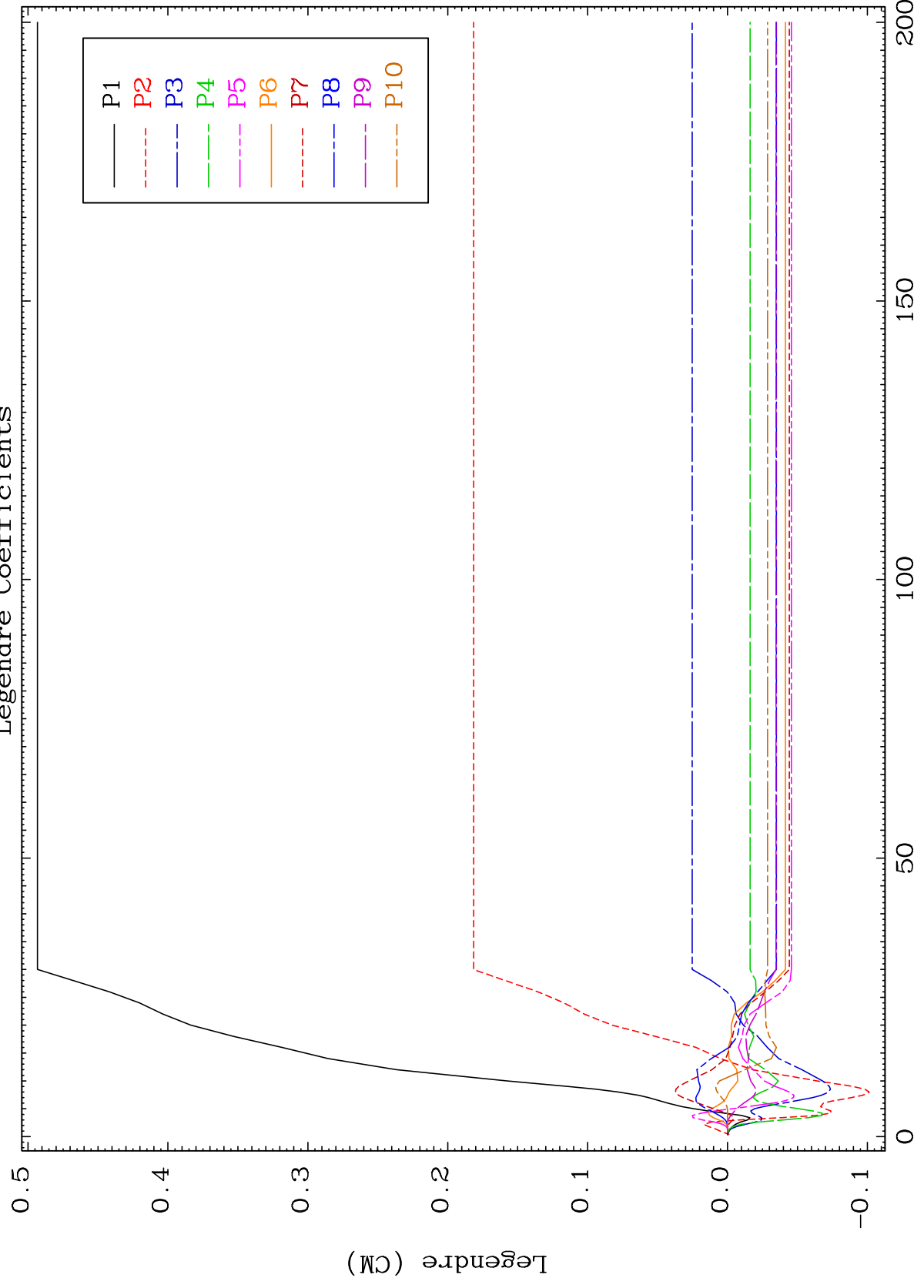
81-T1-198



MAT 8110

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

81-T1-198



26

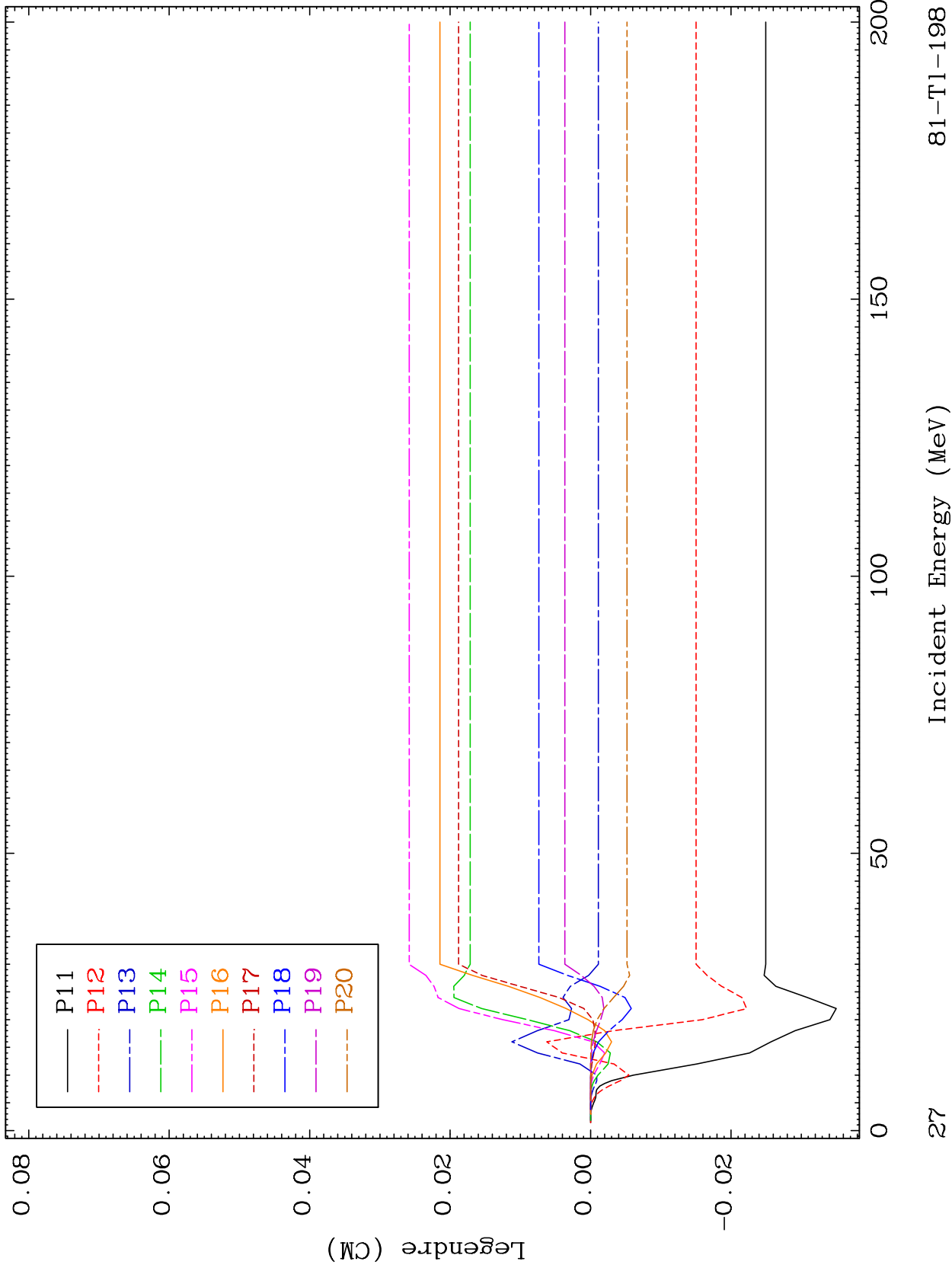
Incident Energy (MeV)

81-T1-198

MAT 8110

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

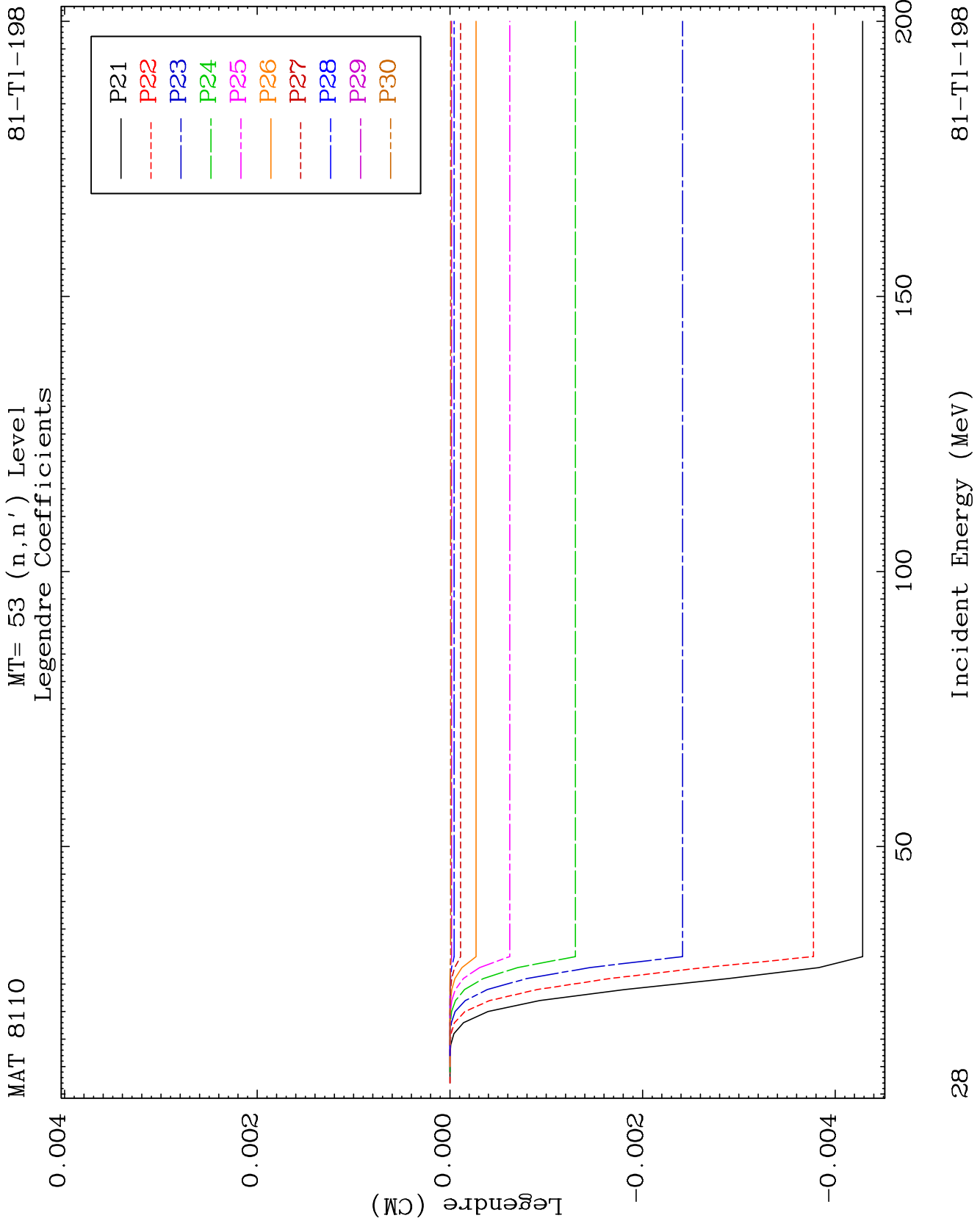
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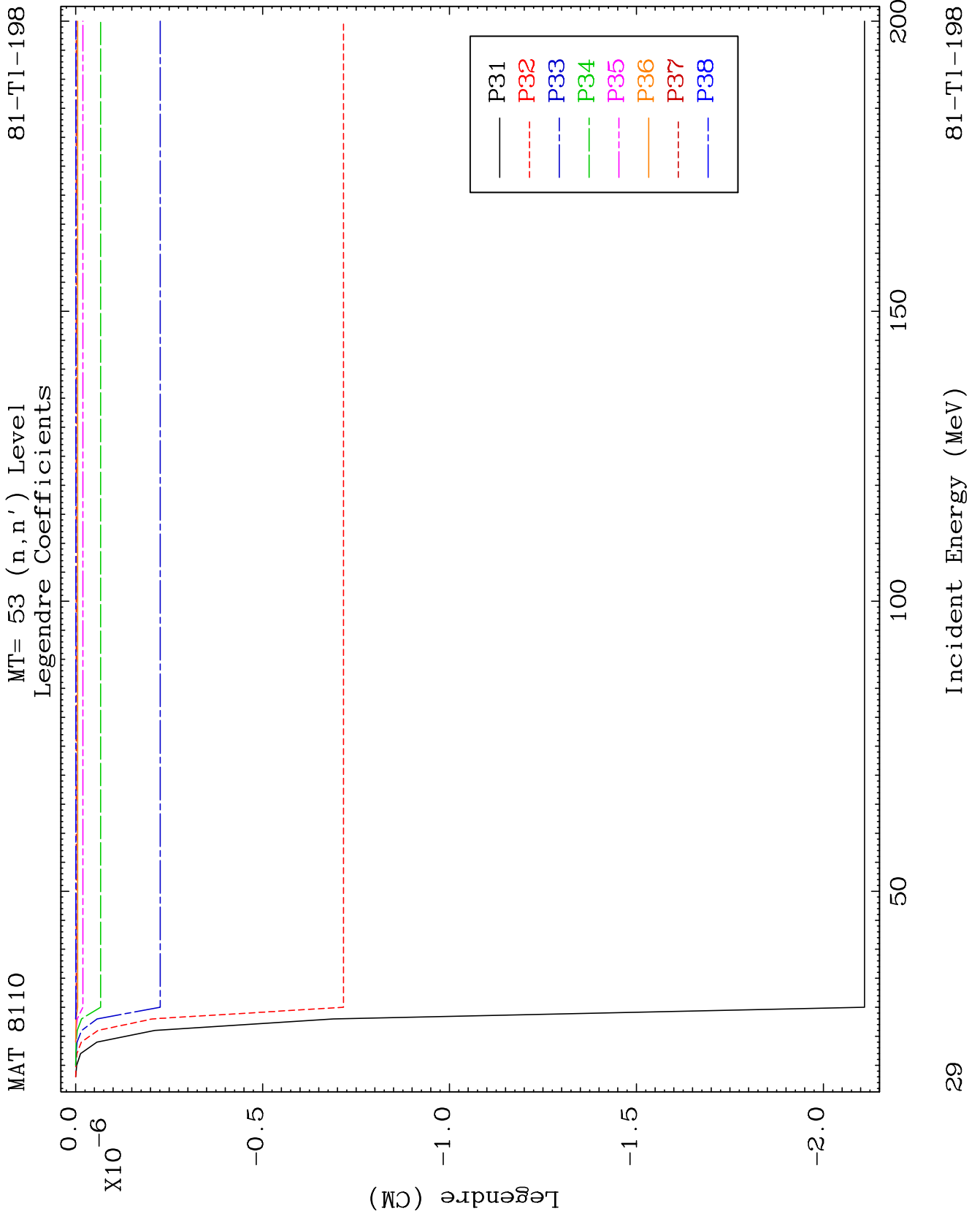


27

Incident Energy (MeV)

81-T1-198

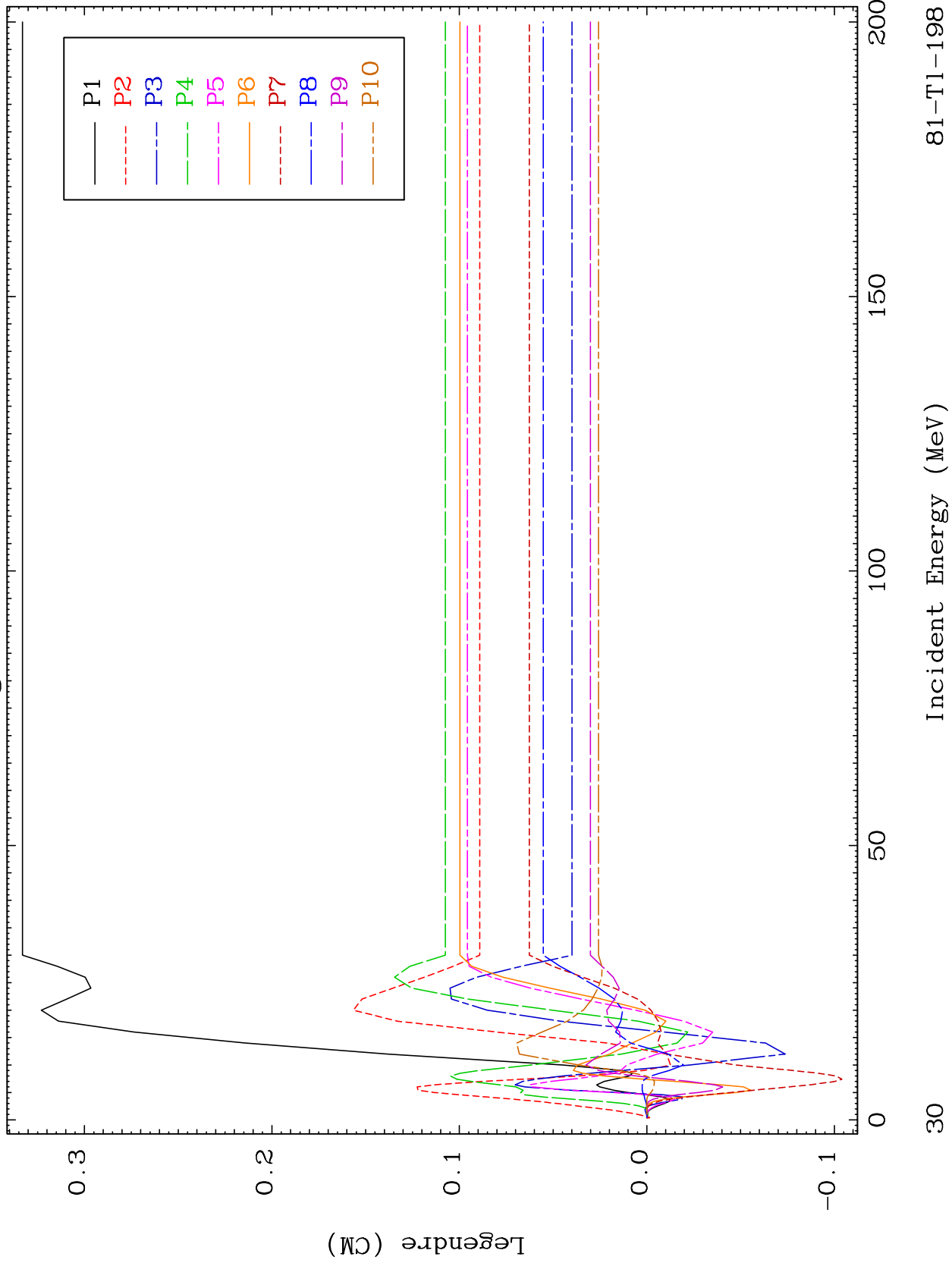




MAT 8110

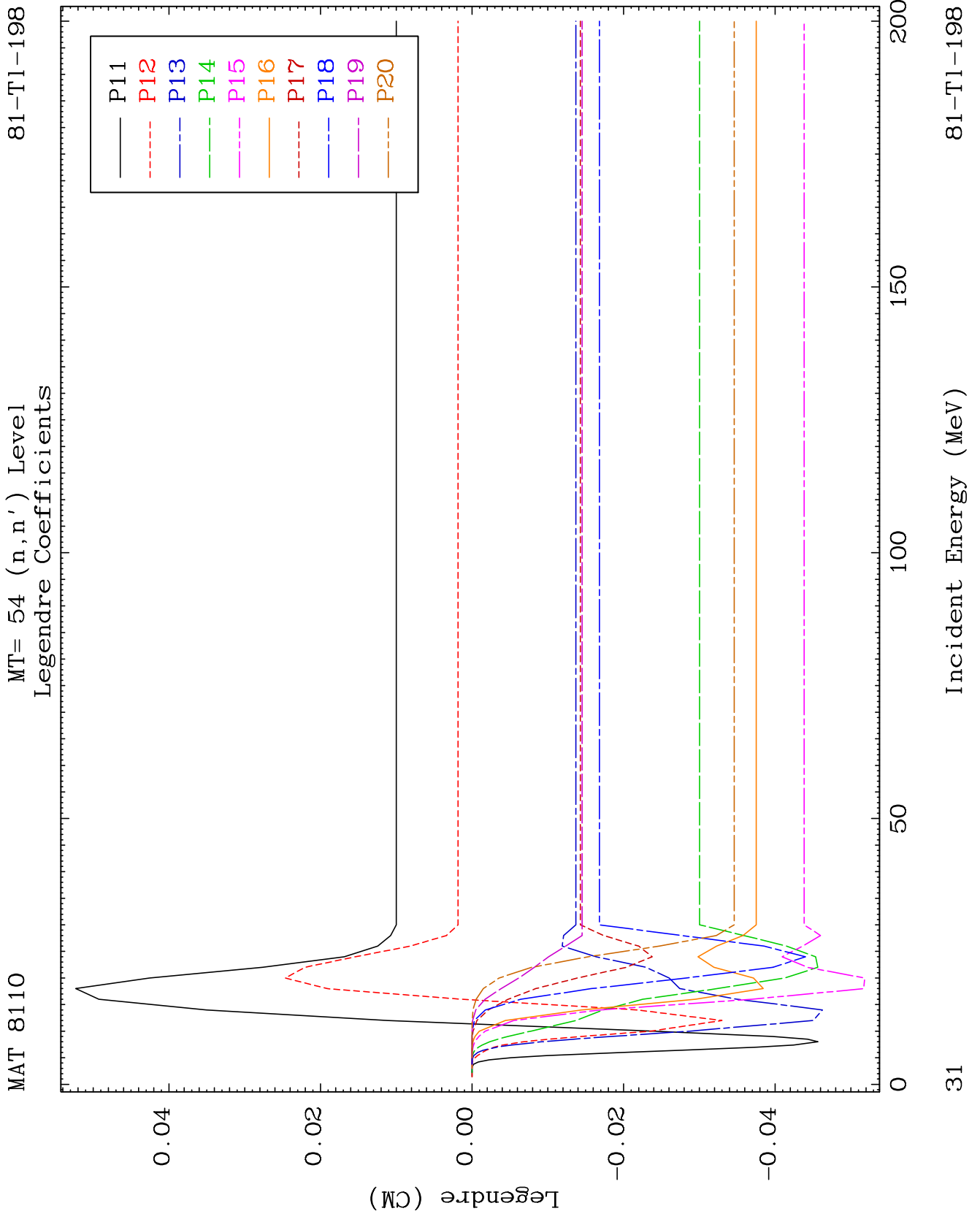
MT= 54 (n,n') Level  
Legendre Coefficients

81-Tl-198



81-Tl-198

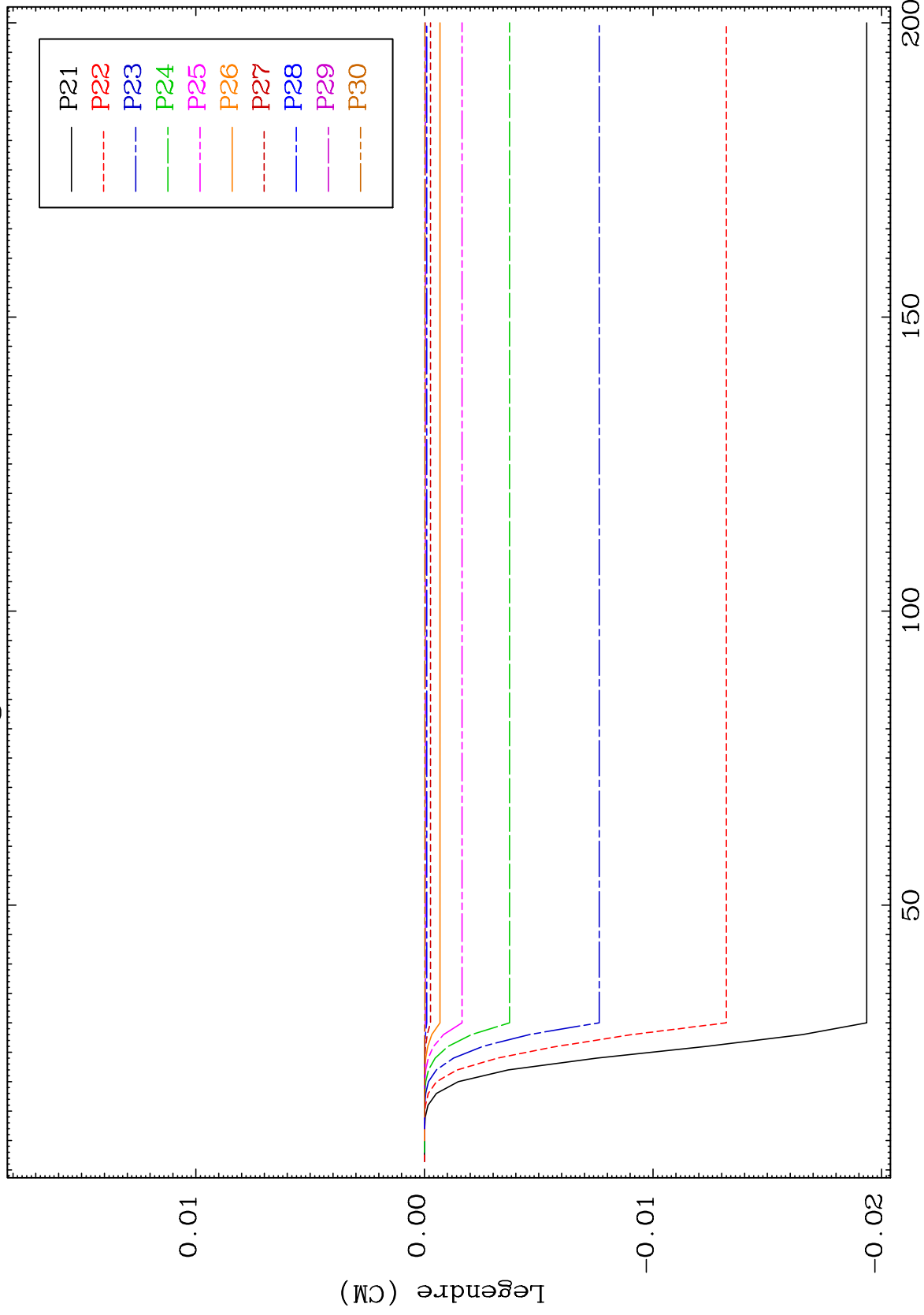
Incident Energy (MeV)



MAT 8110

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

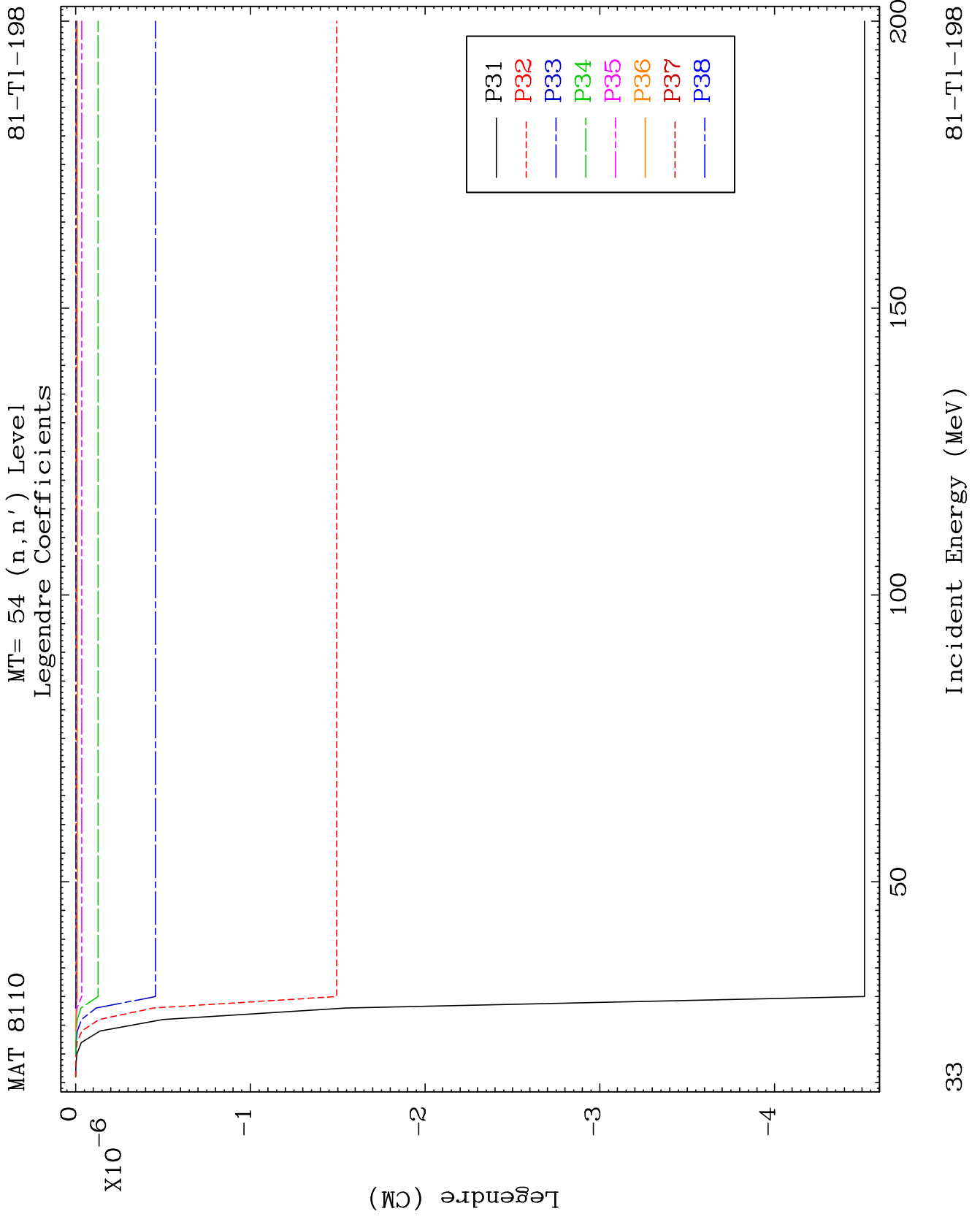
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32

Incident Energy (MeV)

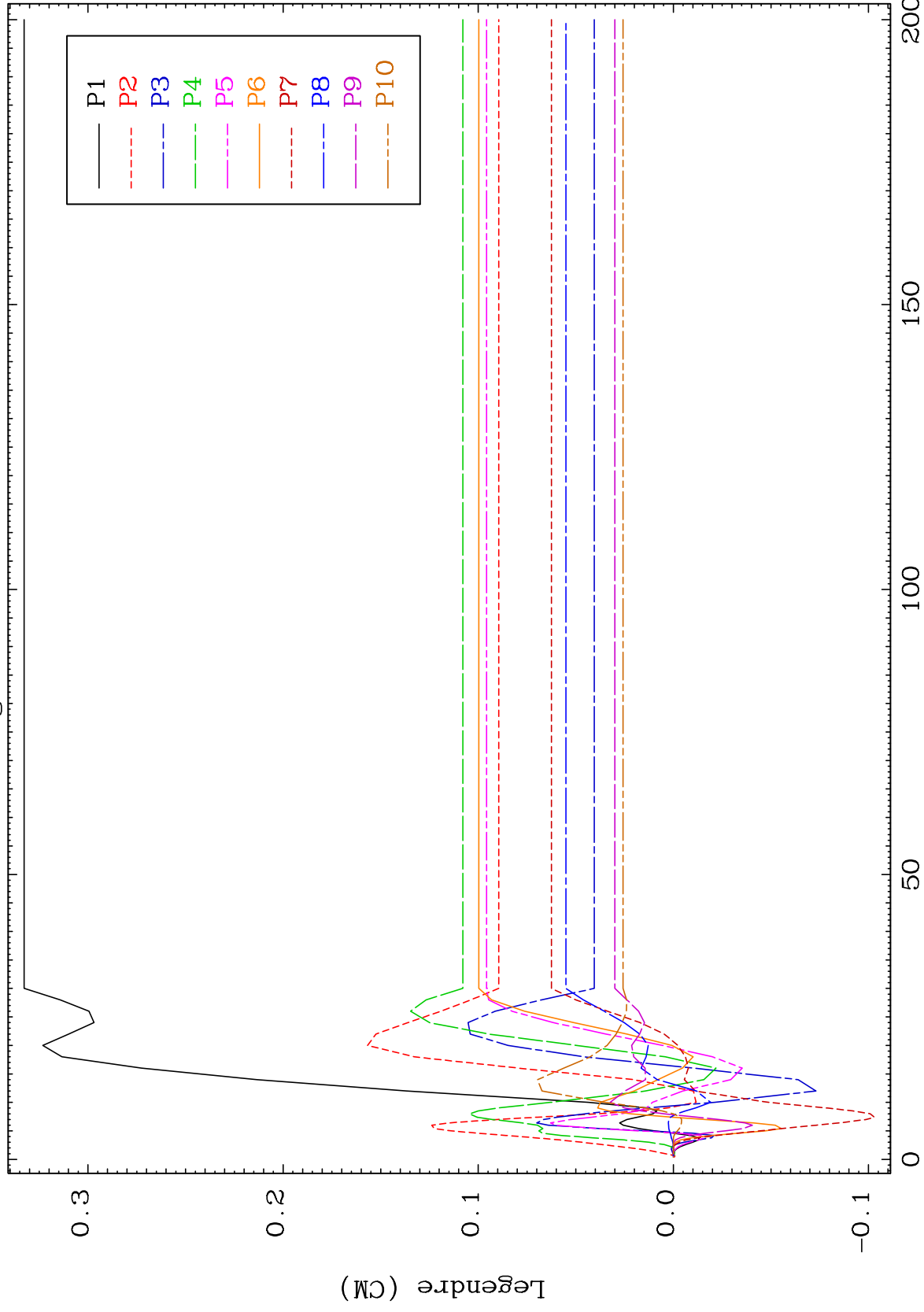
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MAT 8110

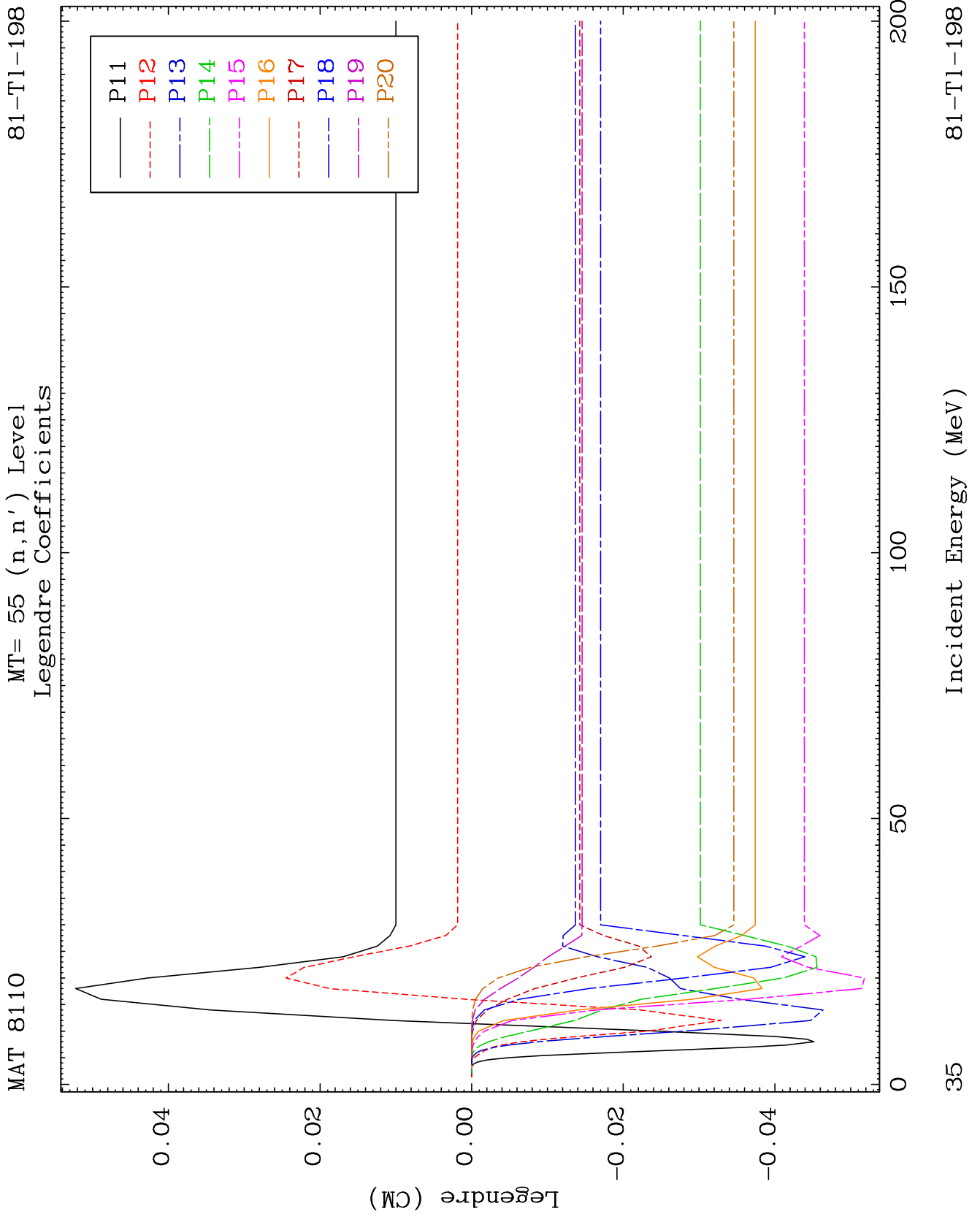
MT= 55 (n,n') Level  
Legendre Coefficients

81-T1-198



34

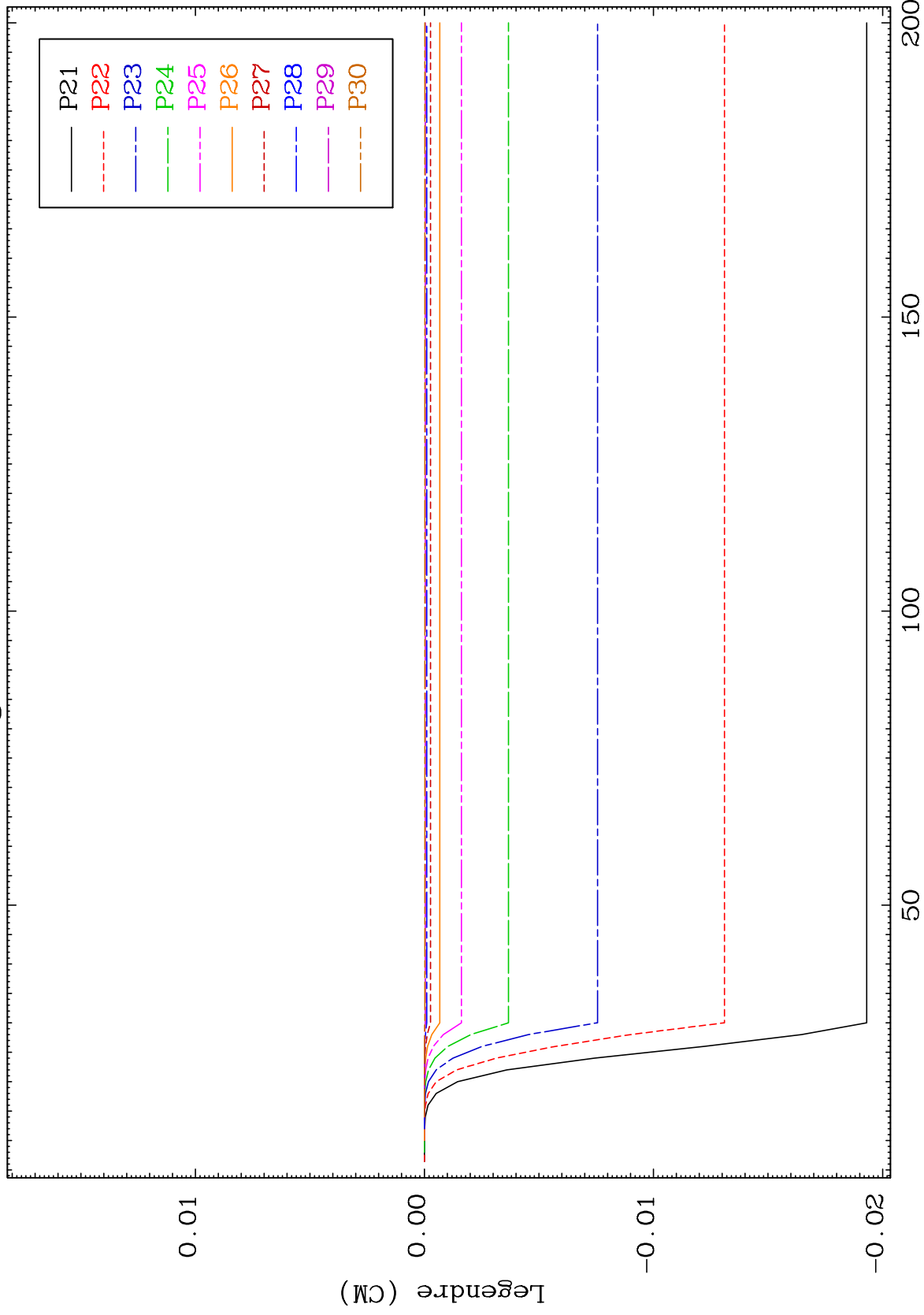
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MAT 8110

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

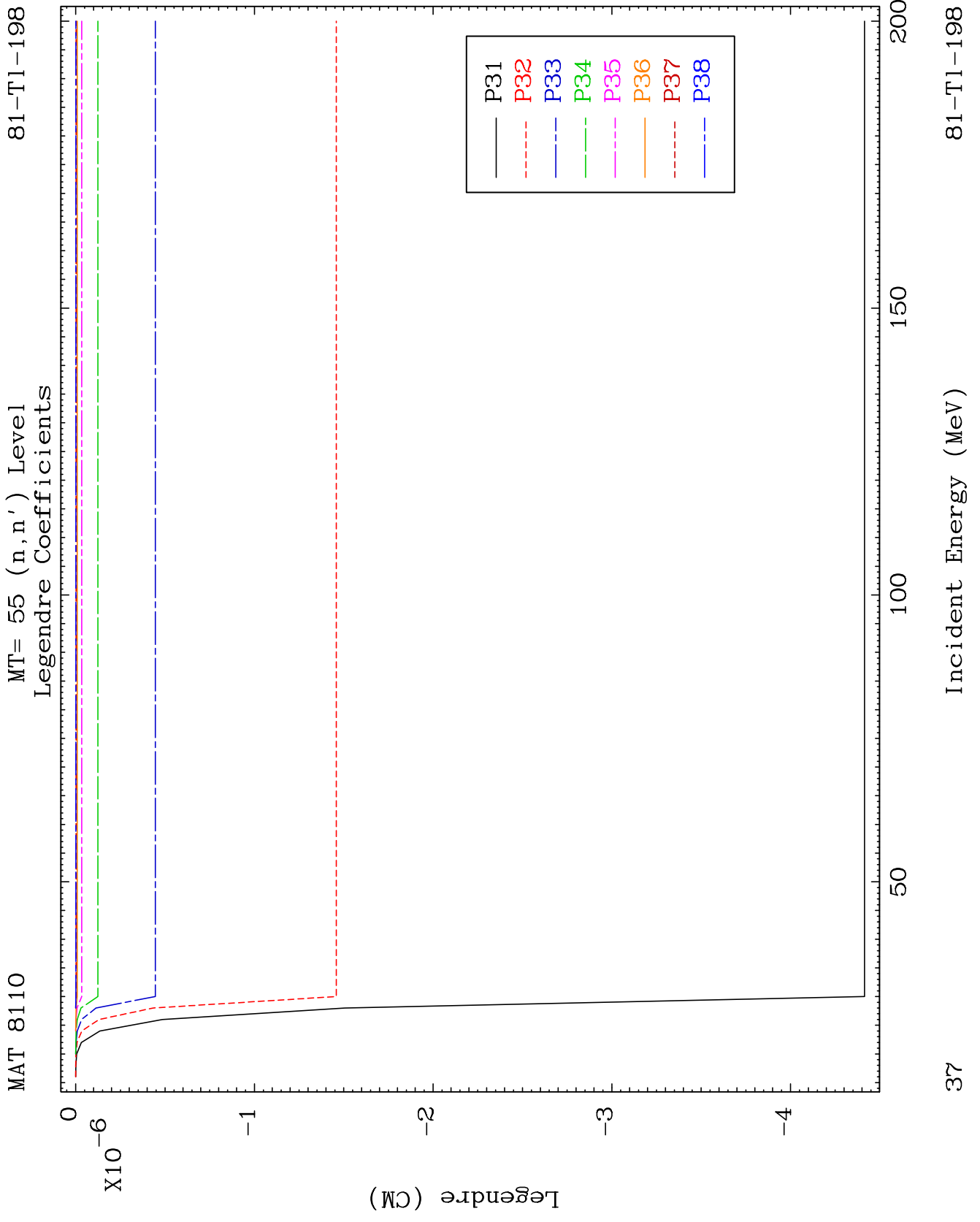
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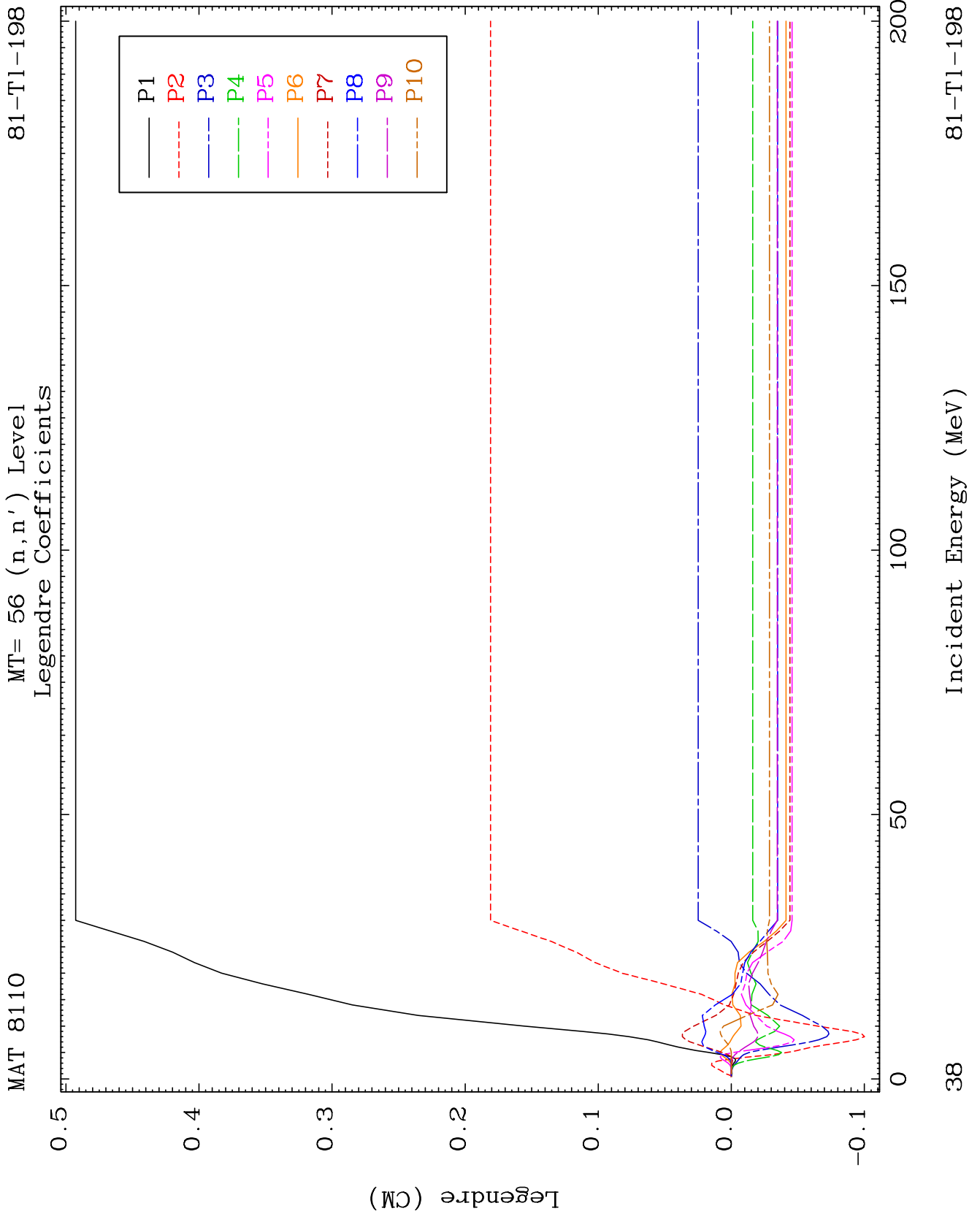


36

Incident Energy (MeV)

81-T1-198

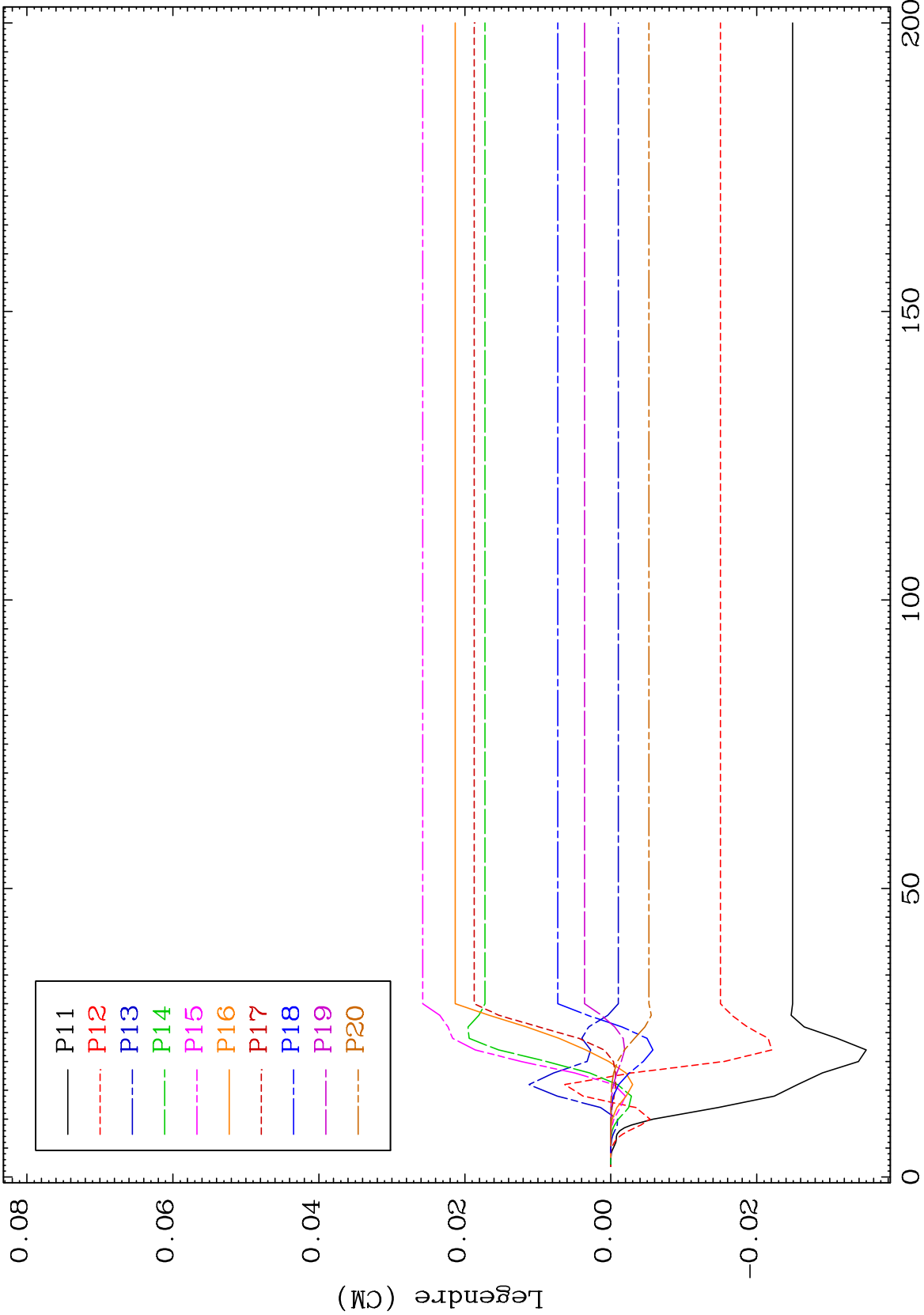




MAT 8110

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Legendre Coefficients

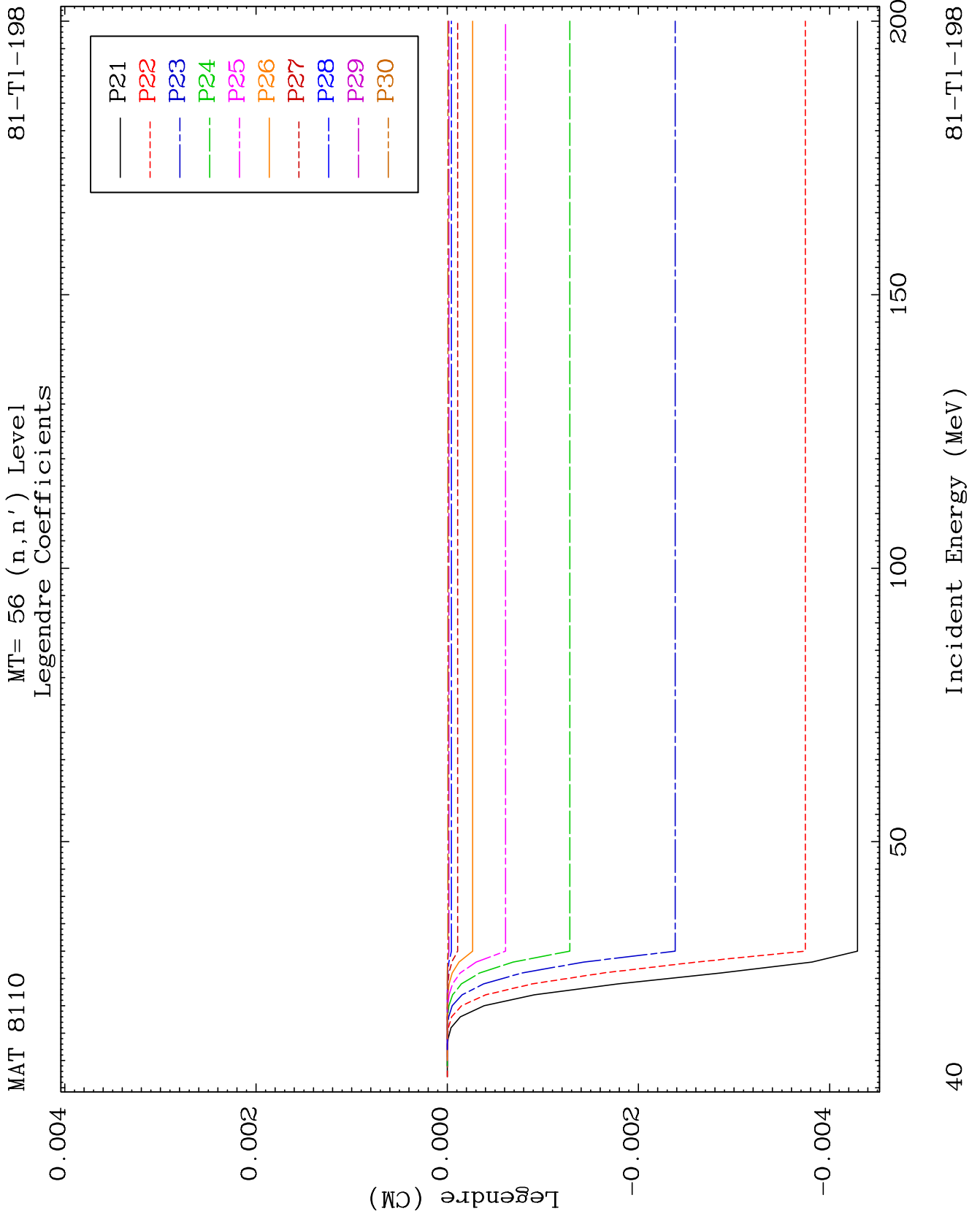
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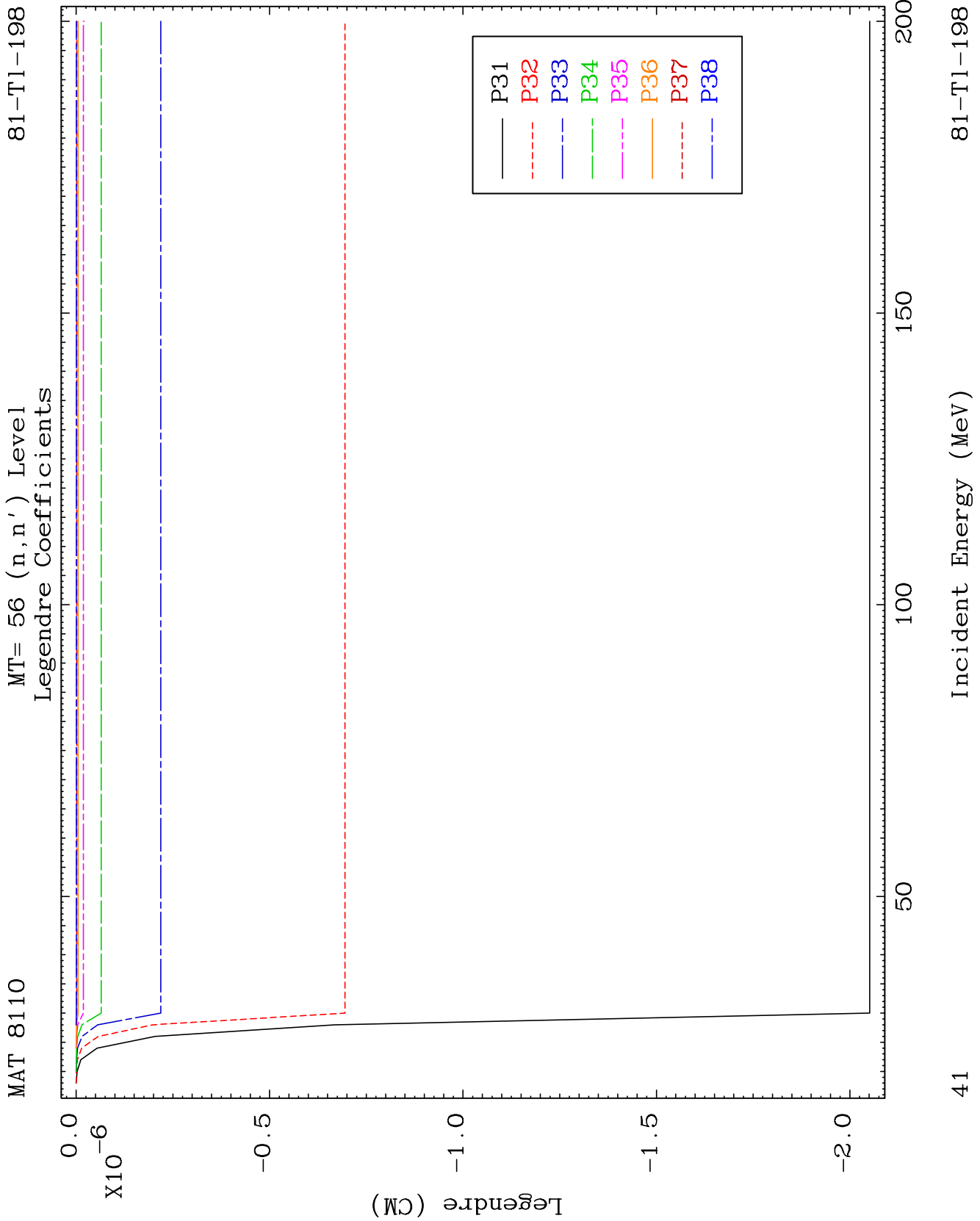


39

Incident Energy (MeV)

81-T1-198

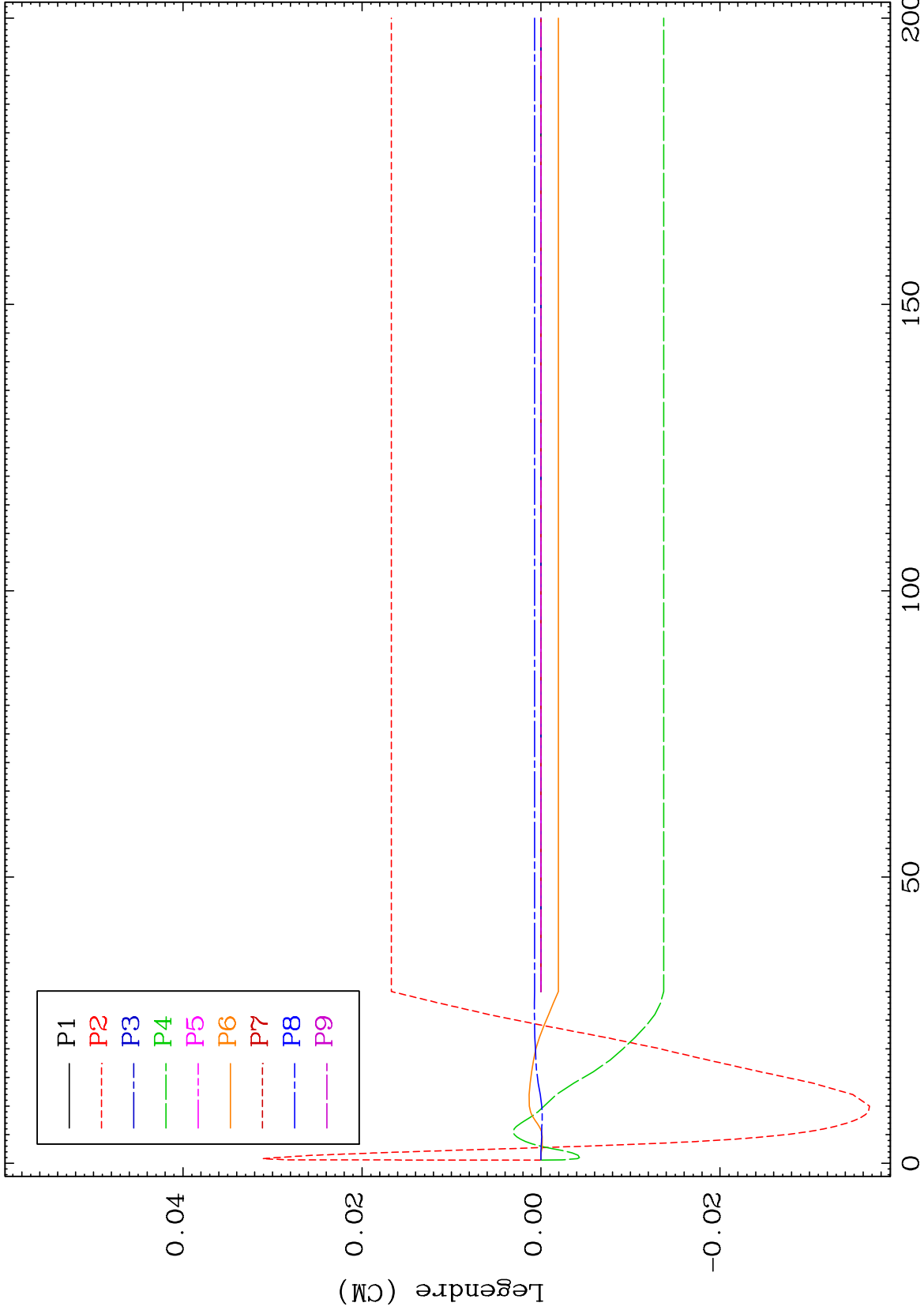




MAT 8110

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

81-T1-198



42

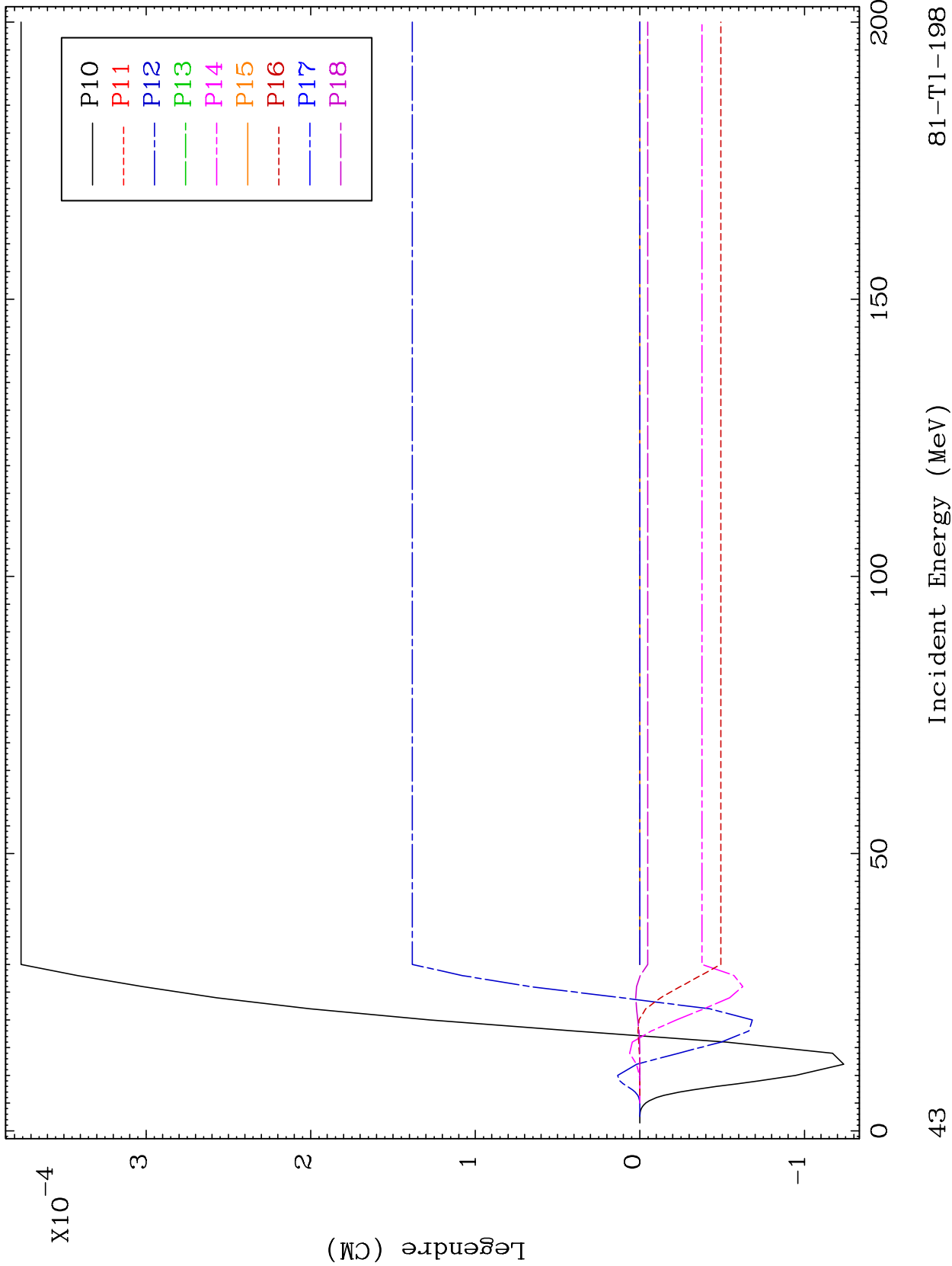
Incident Energy (MeV)

81-T1-198

MAT 8110

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

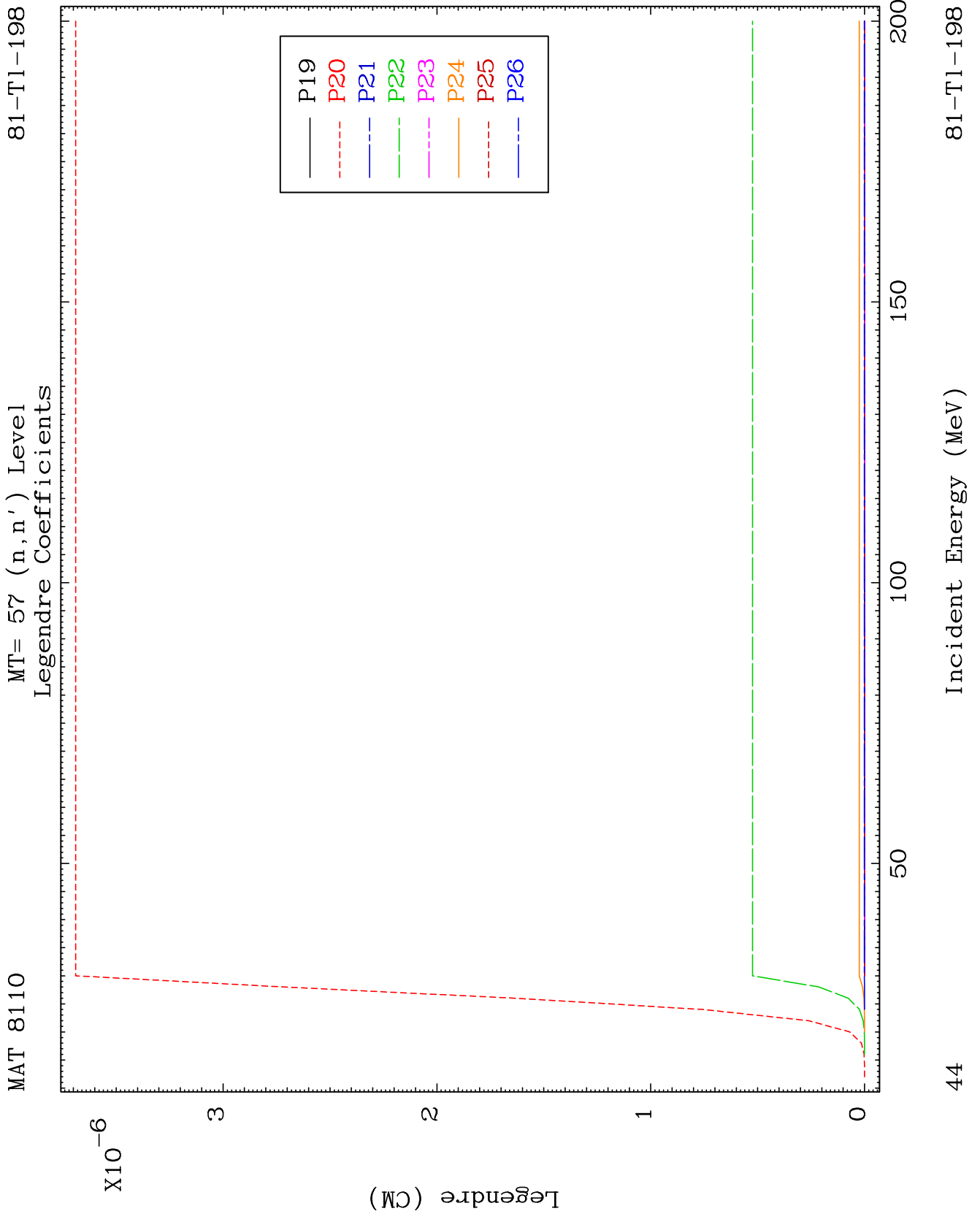
81-T1-198



43

Incident Energy (MeV)

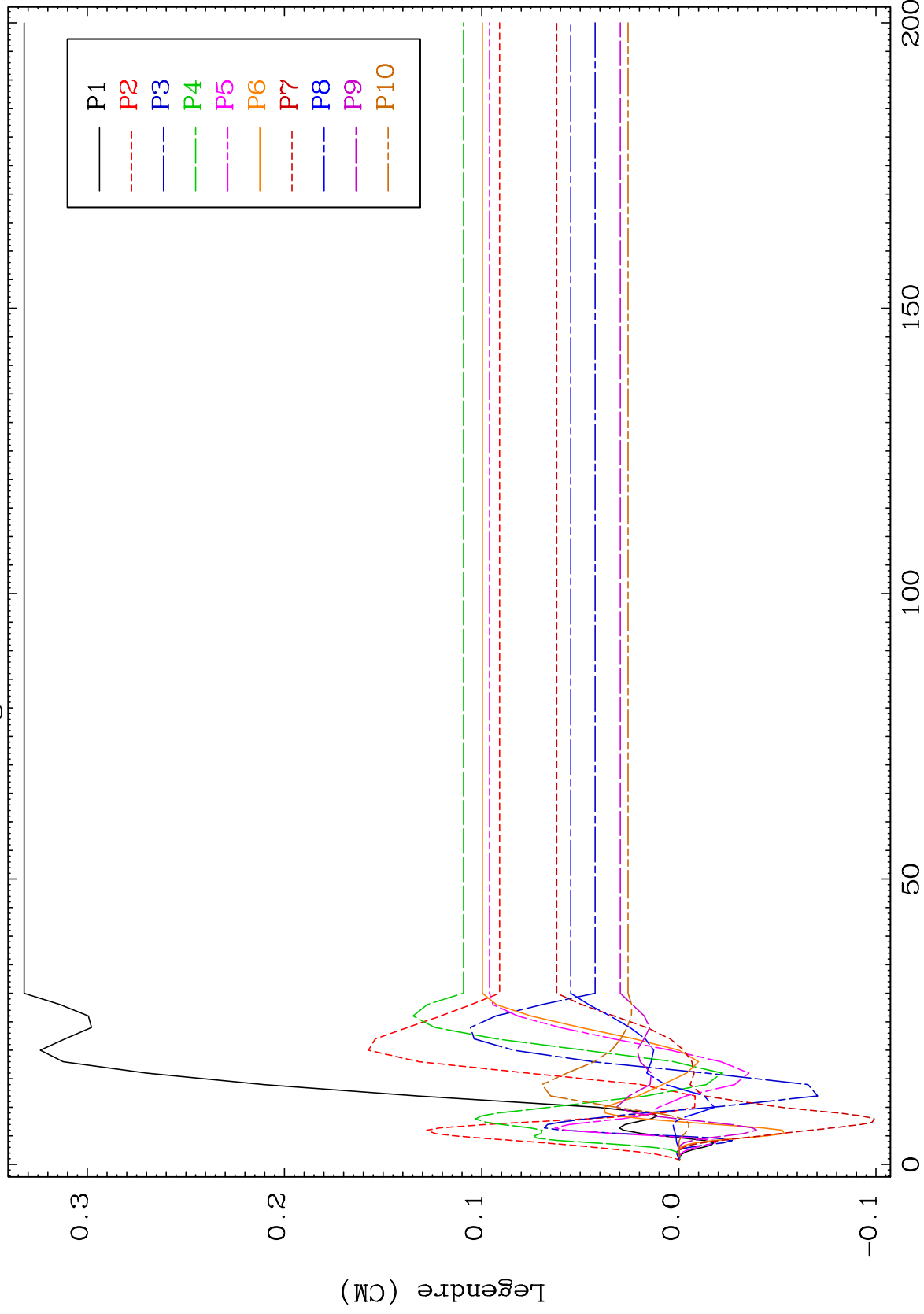
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MAT 8110

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

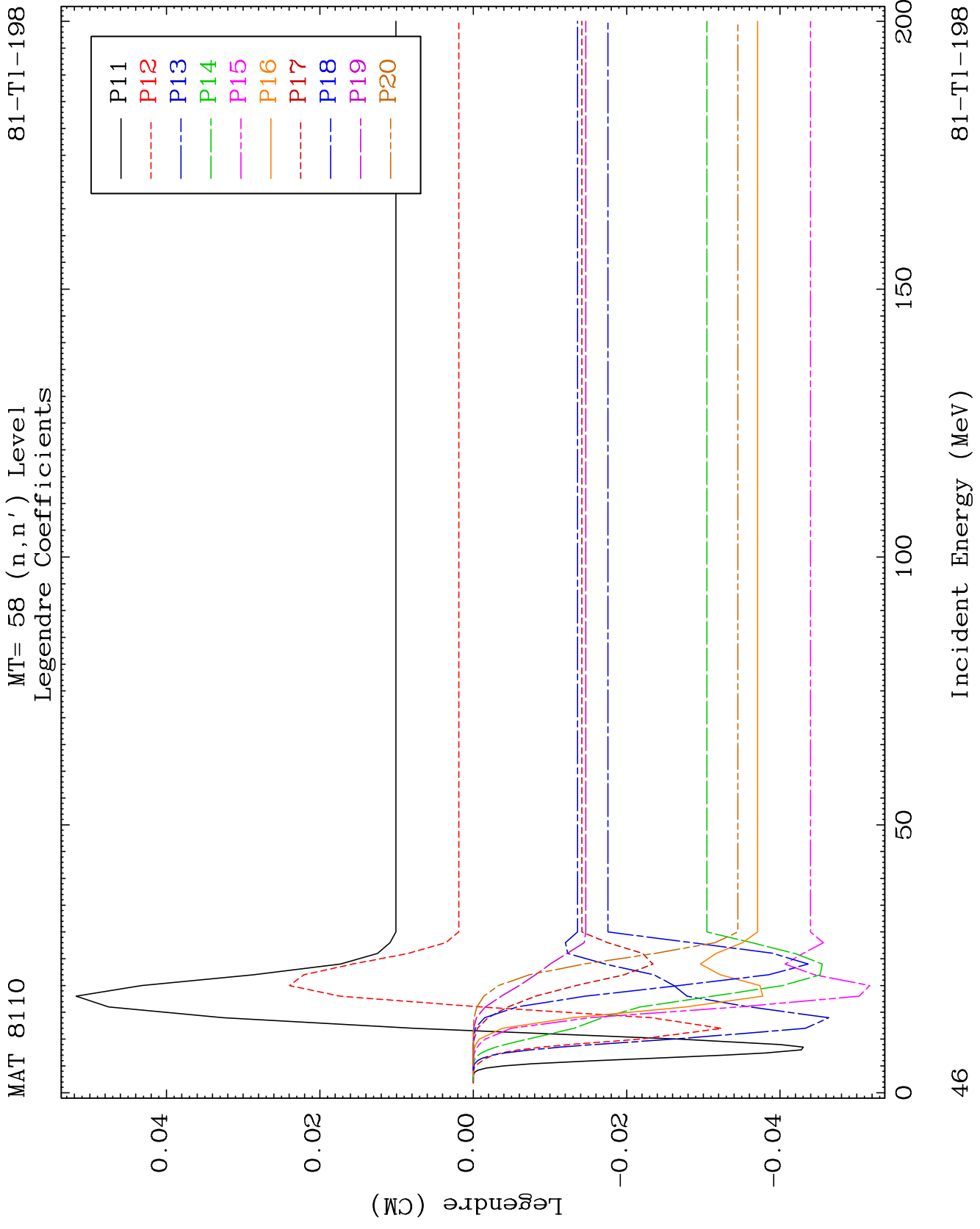
81-T1-198



81-T1-198

Incident Energy (MeV)

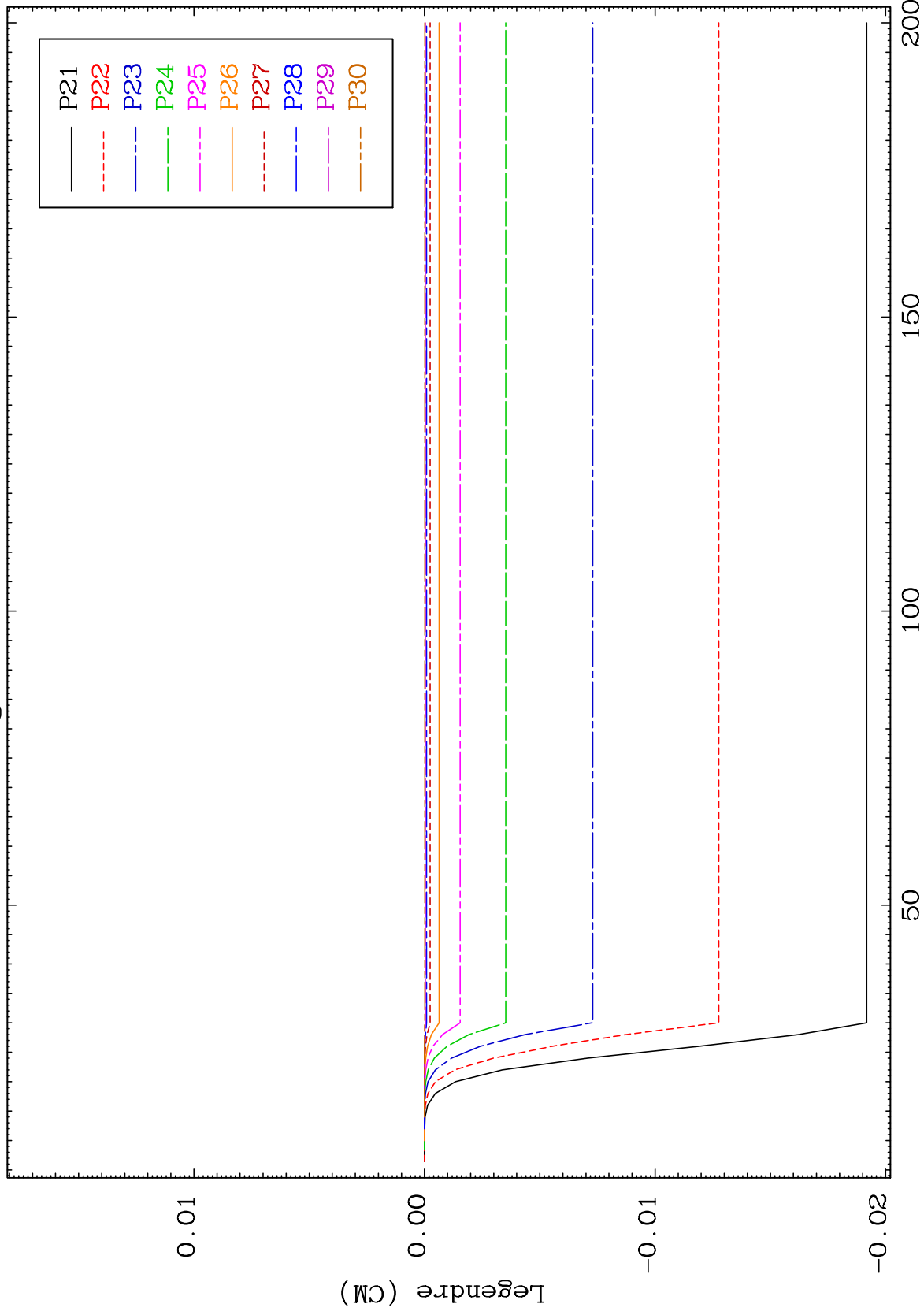
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MAT 8110

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

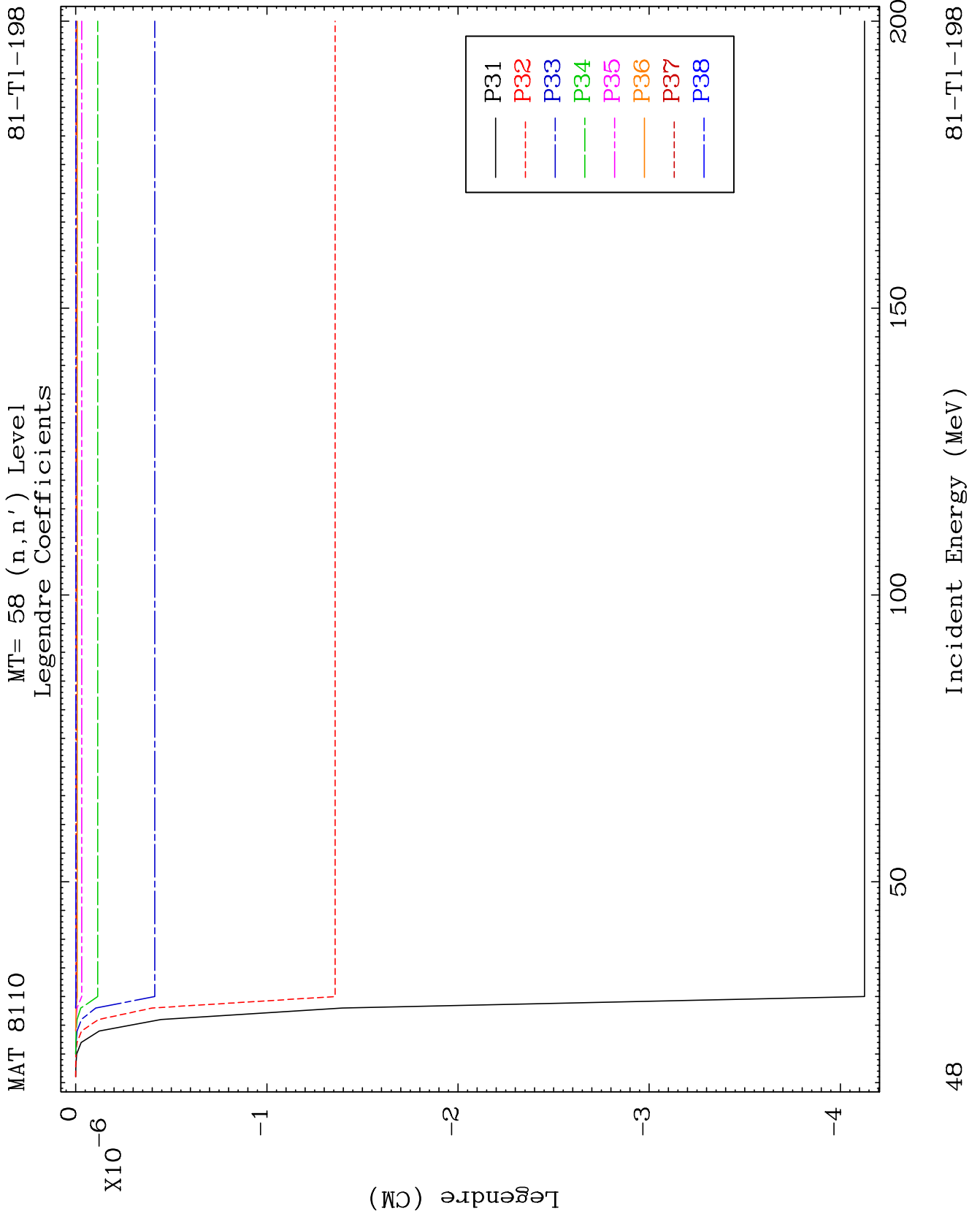
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47

Incident Energy (MeV)

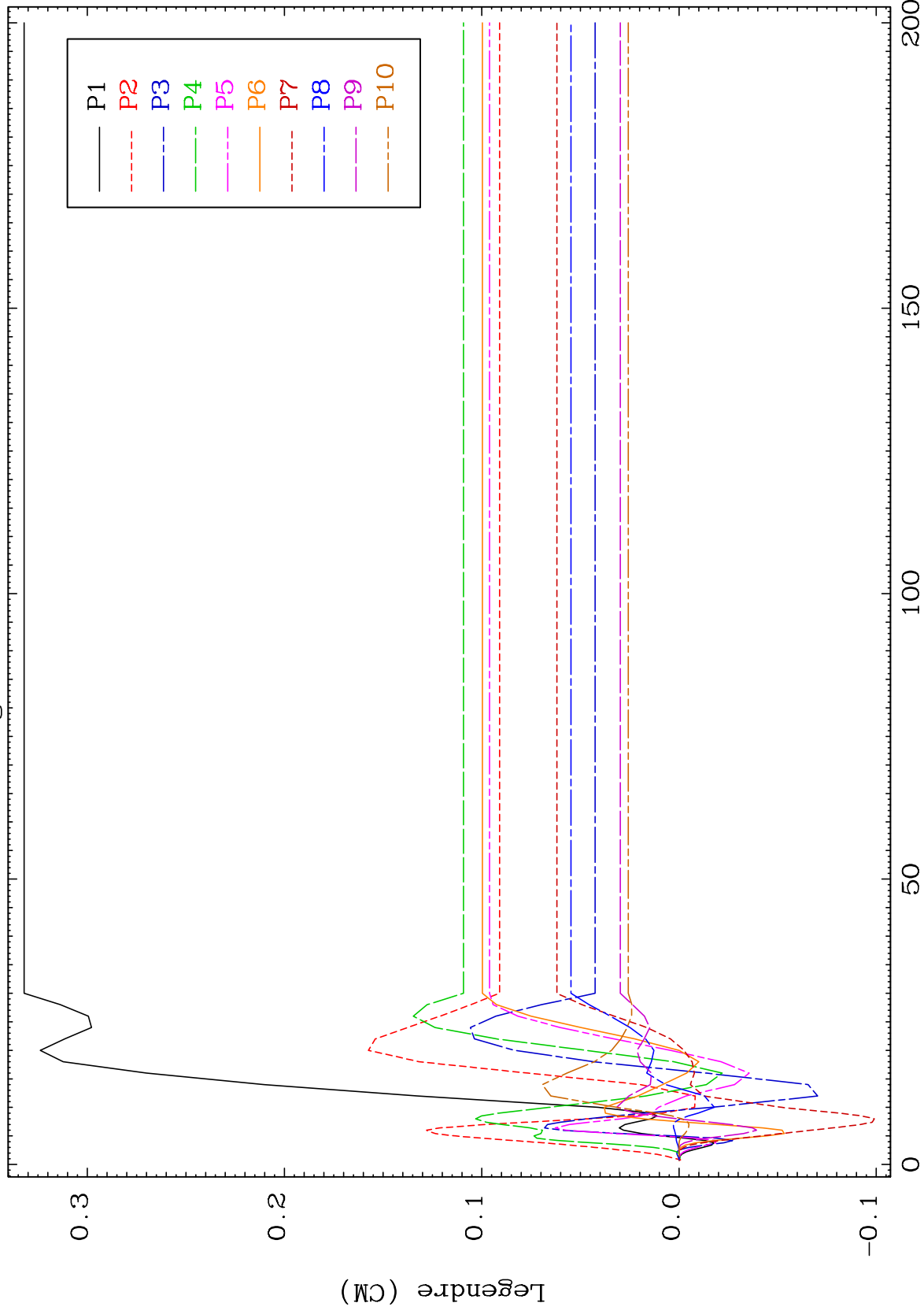
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MAT 8110

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

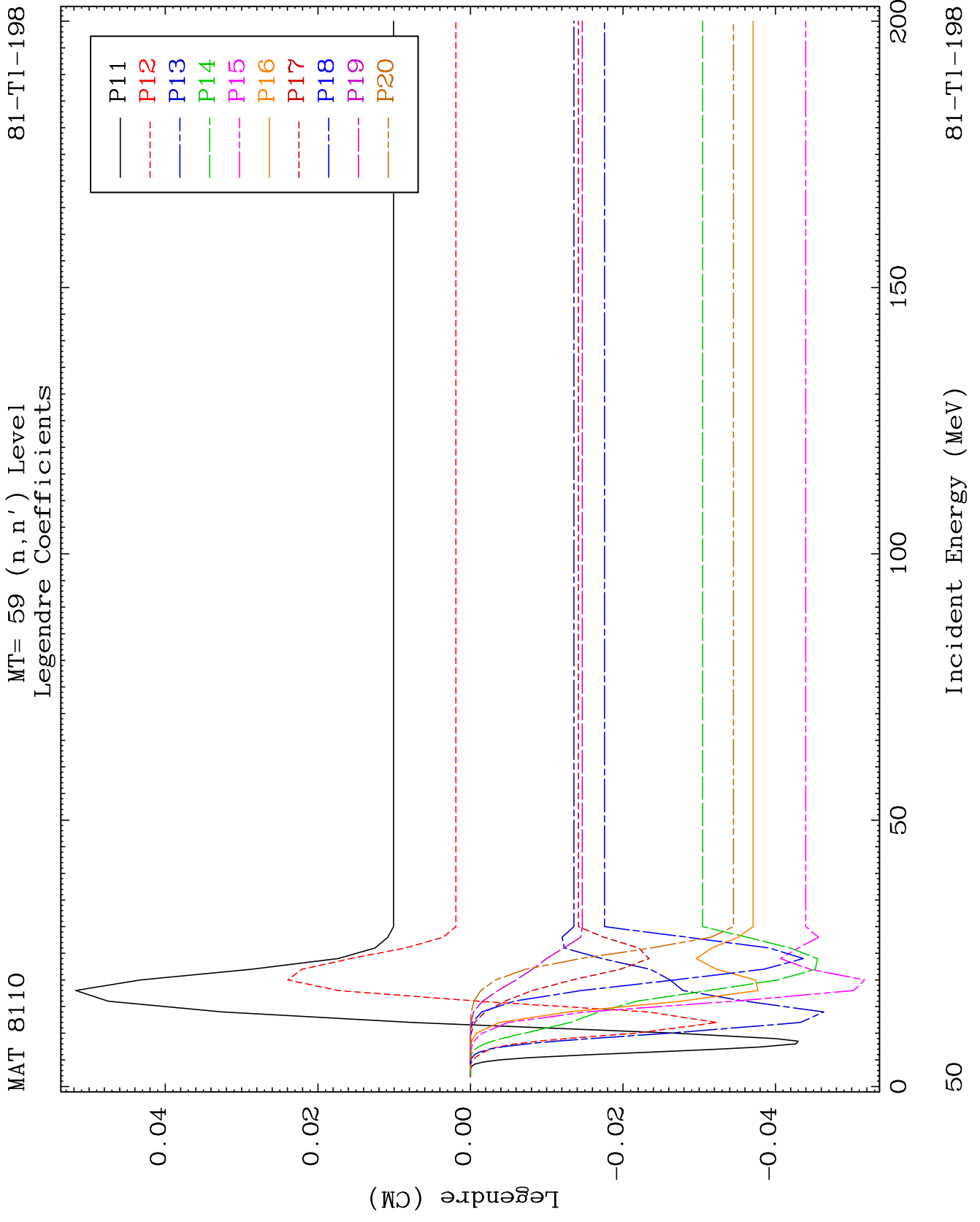
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49

Incident Energy (MeV)

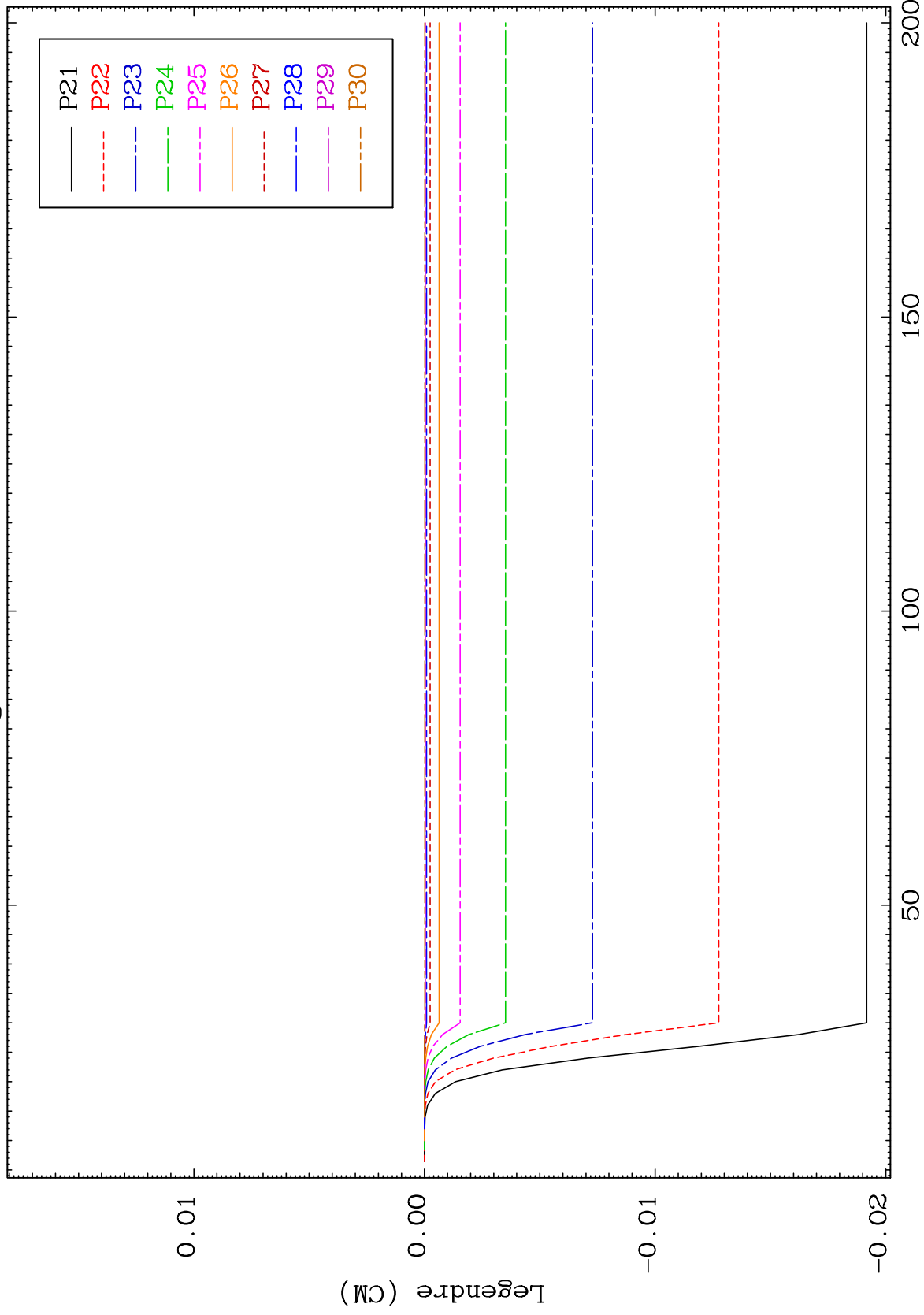
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MAT 8110

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

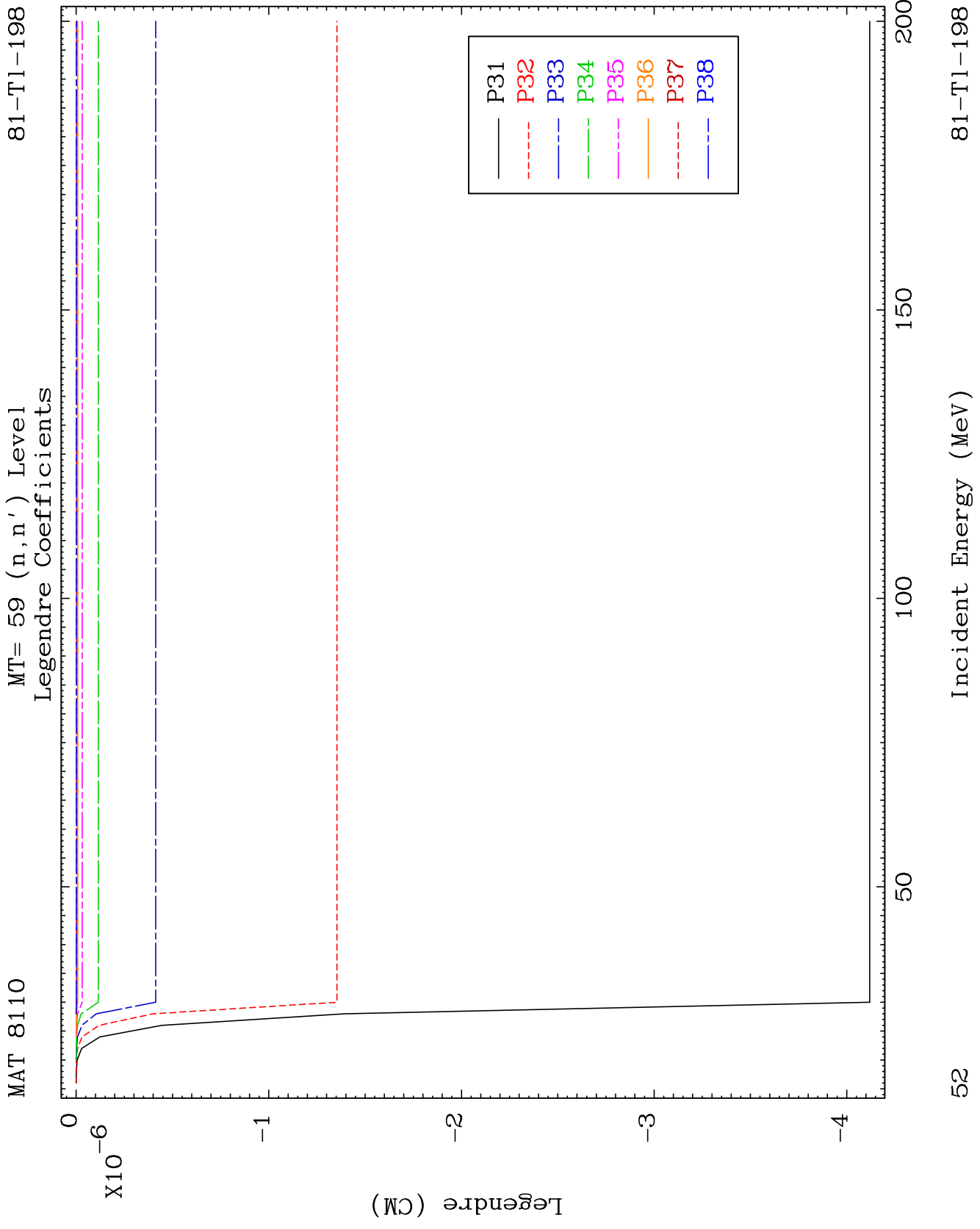
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51

Incident Energy (MeV)

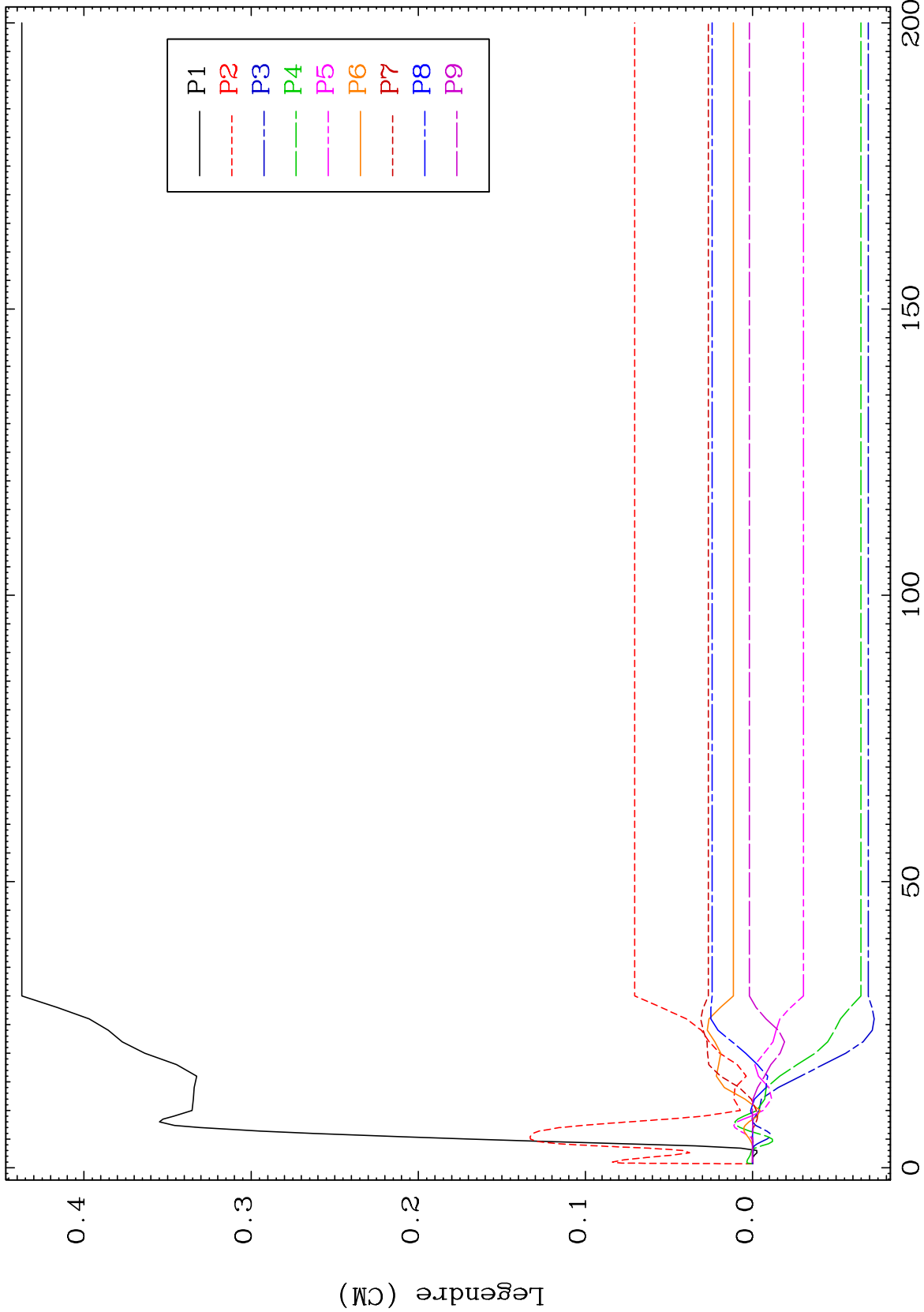
81-T1-198



MAT 8110

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

81-T1-198



53

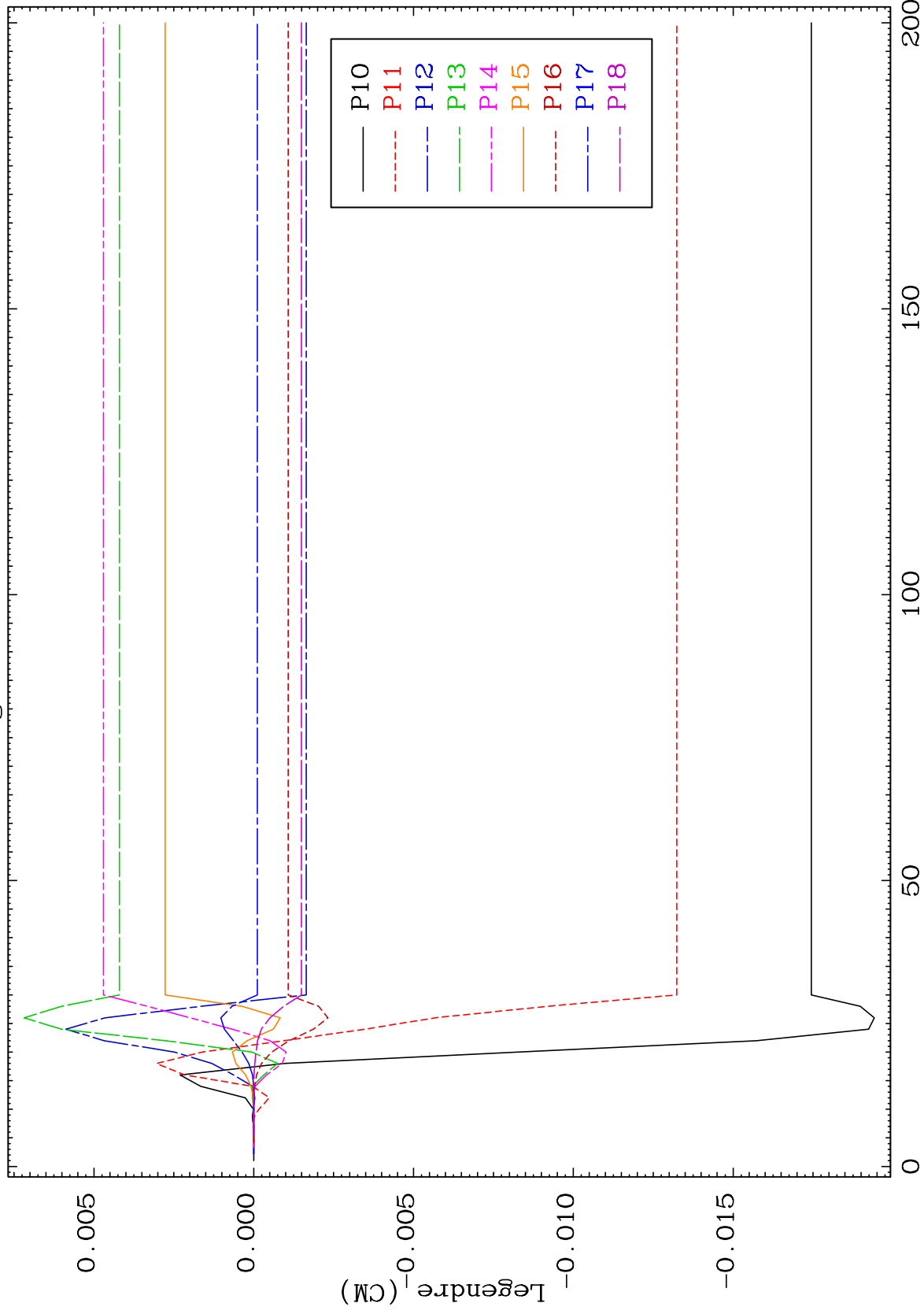
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



54

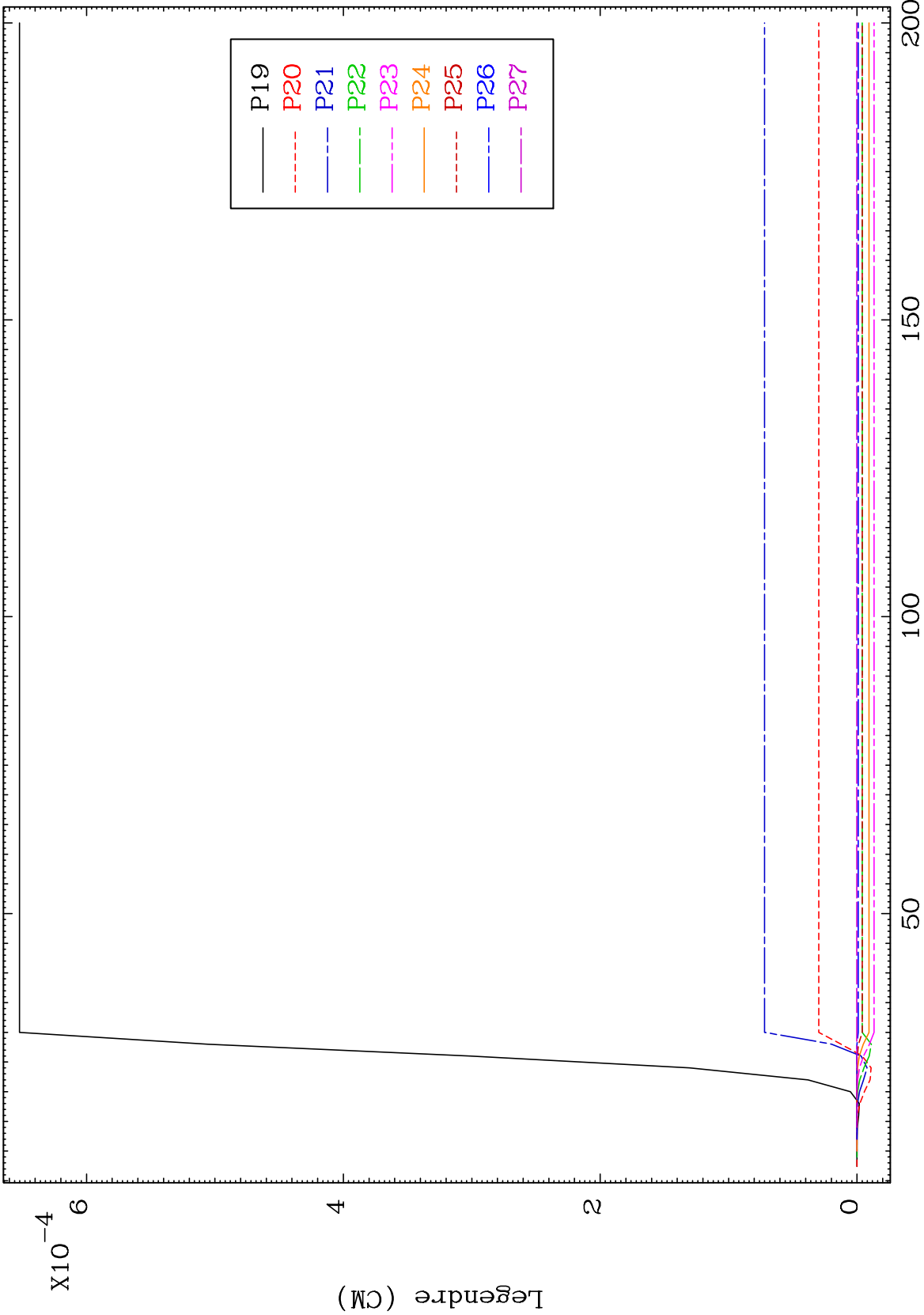
Incident Energy (MeV)

81-T1-198

MAT 8110

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

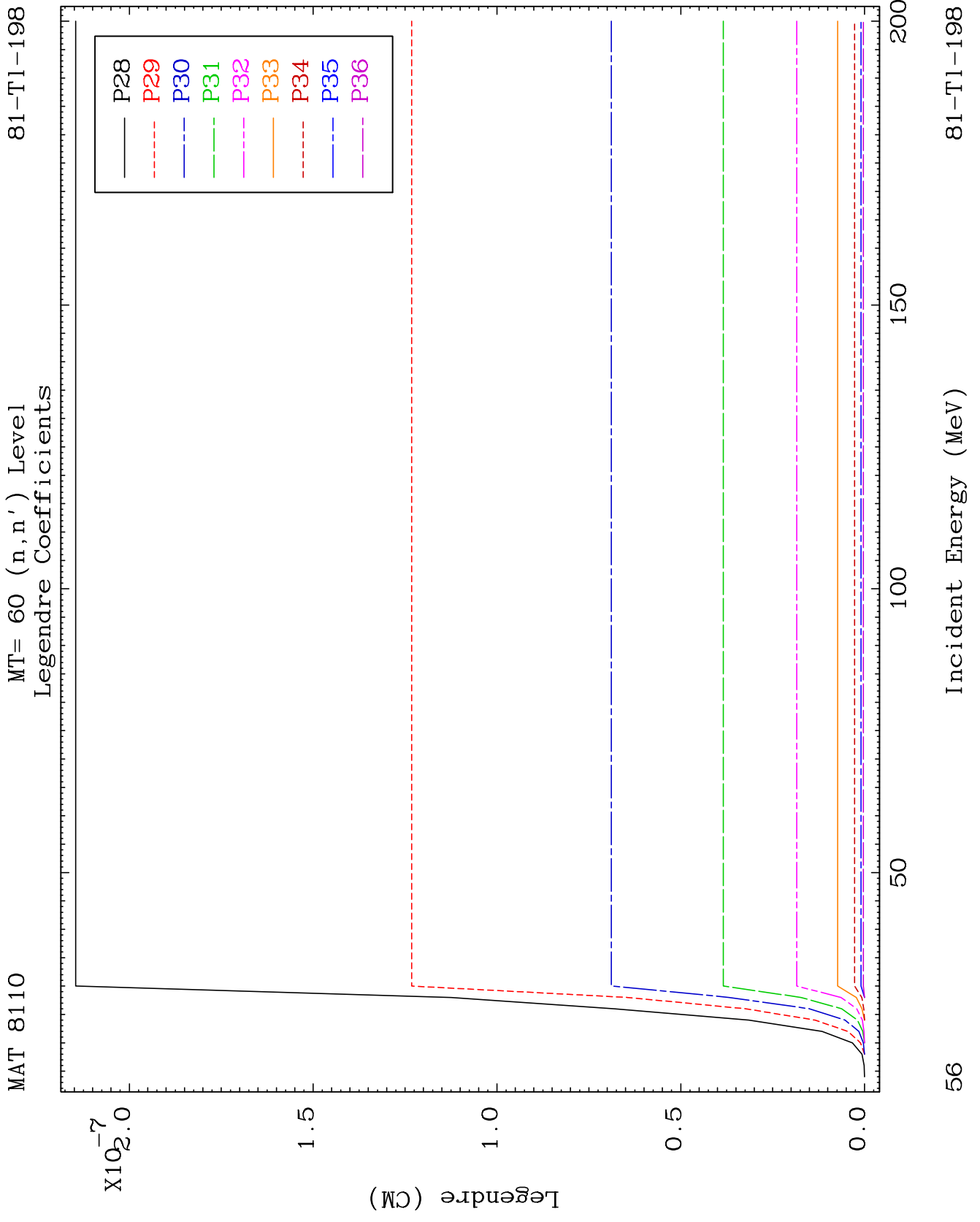
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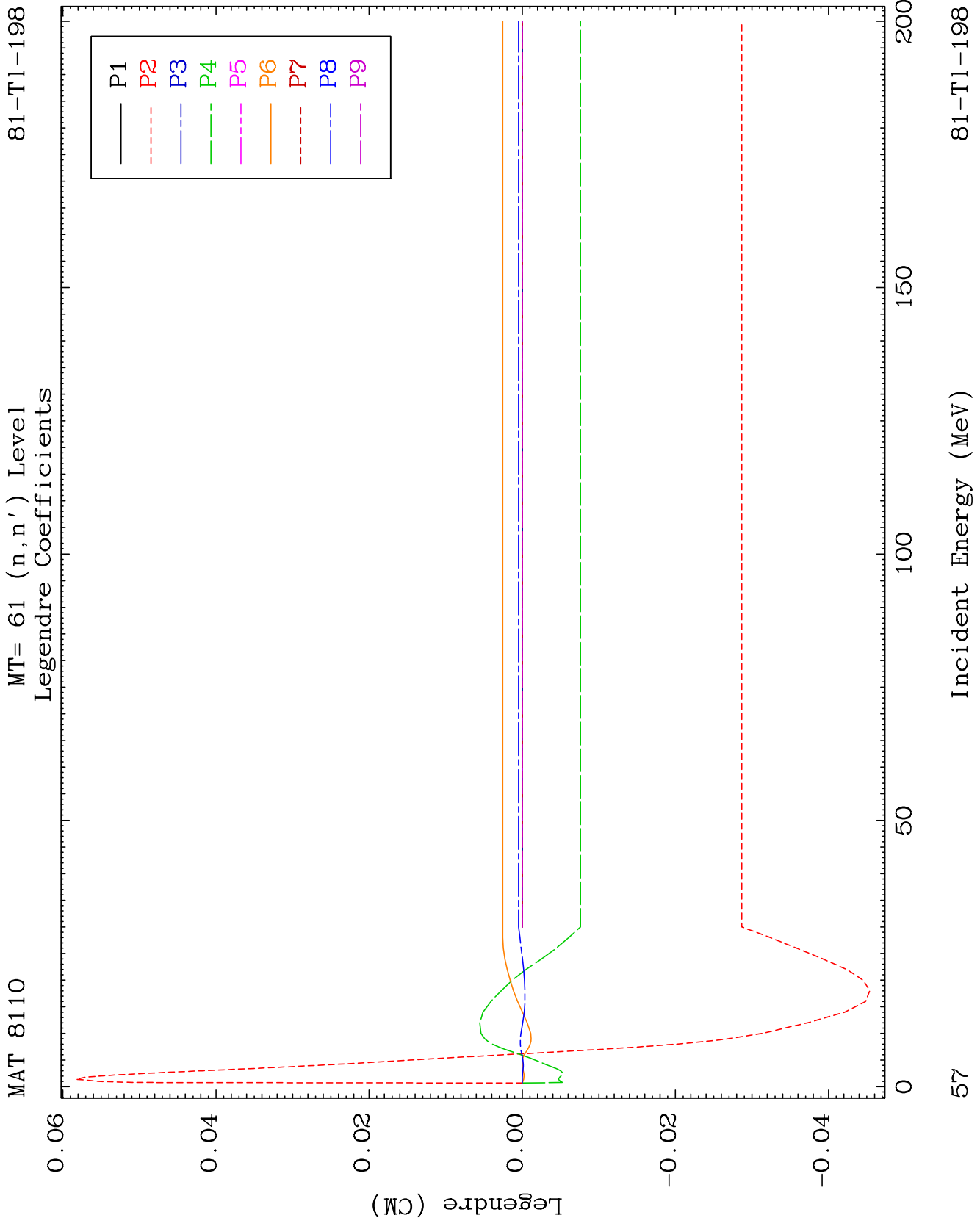


55

Incident Energy (MeV)

81-T1-198

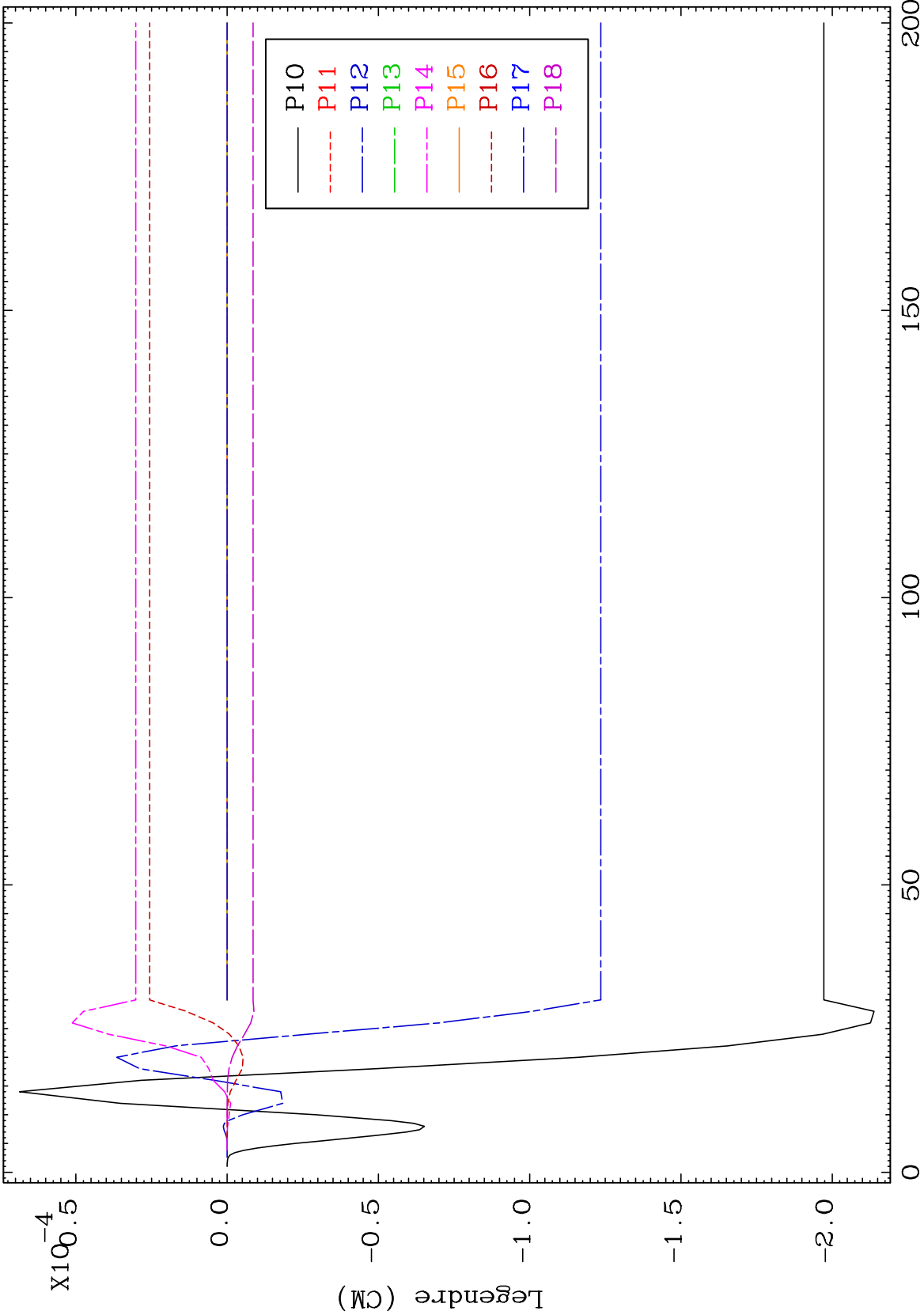




MAT 8110

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

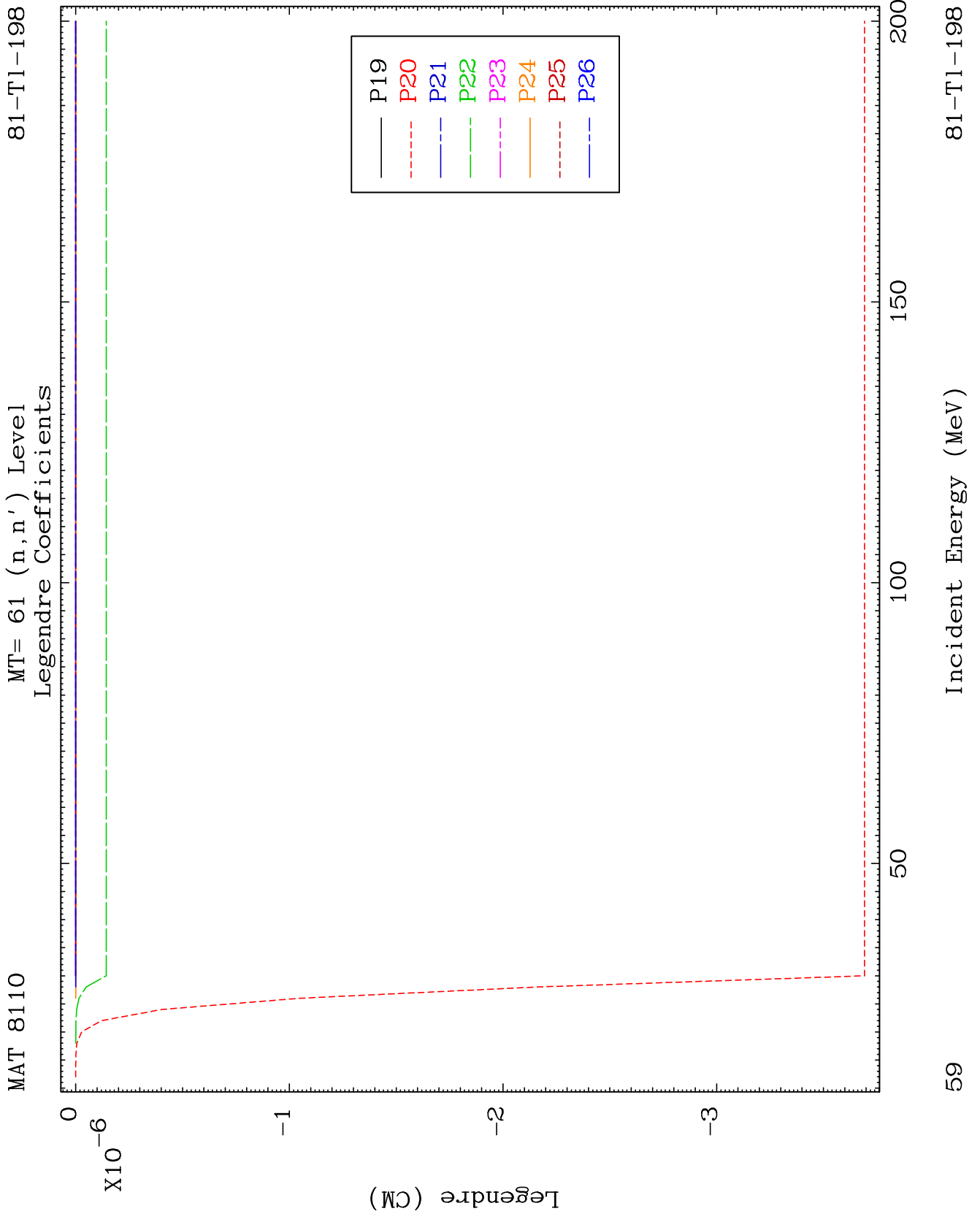
81-T1-198



58

Incident Energy (MeV)

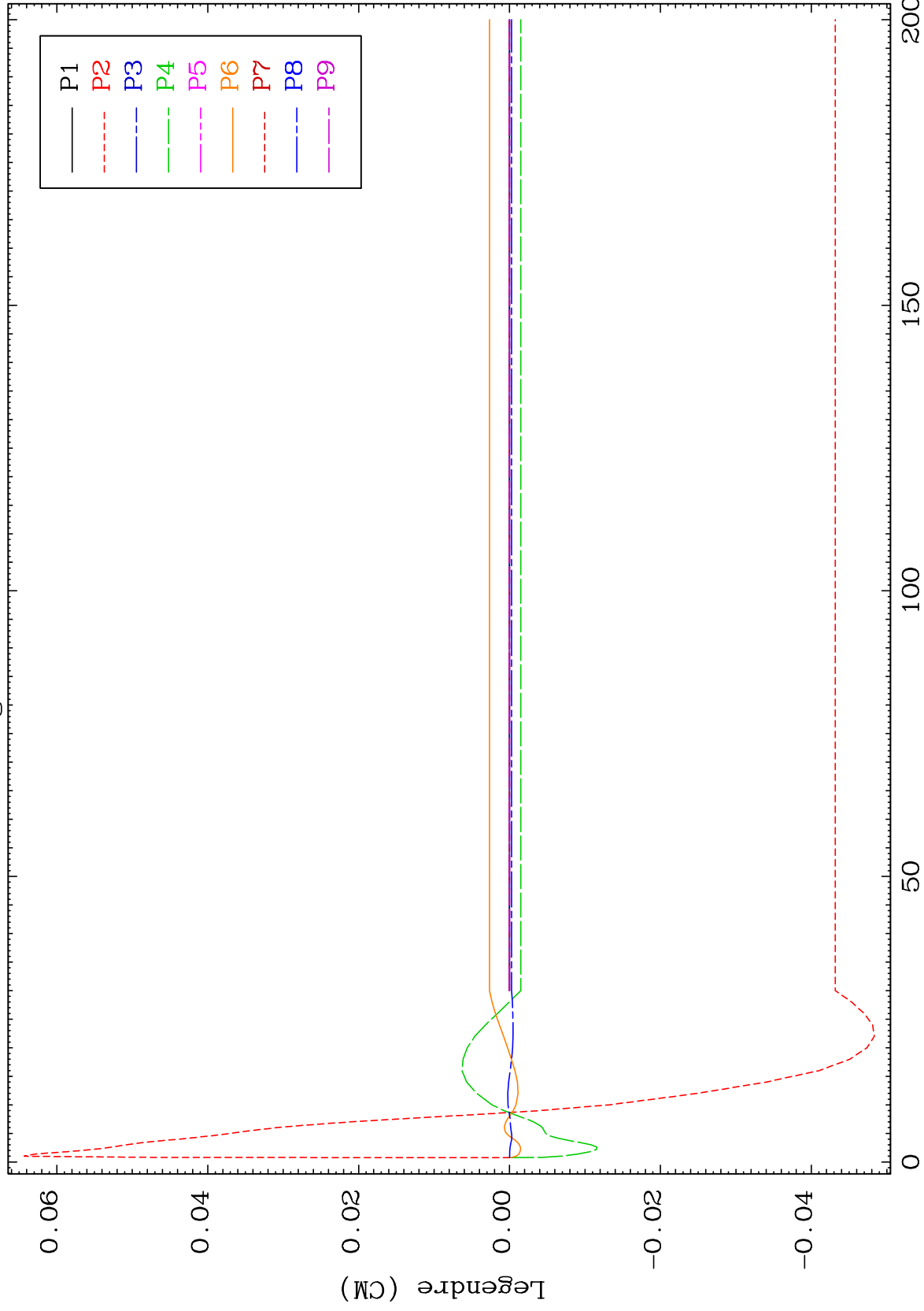
81-T1-198



MAT 8110

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

81-T1-198



81-T1-198

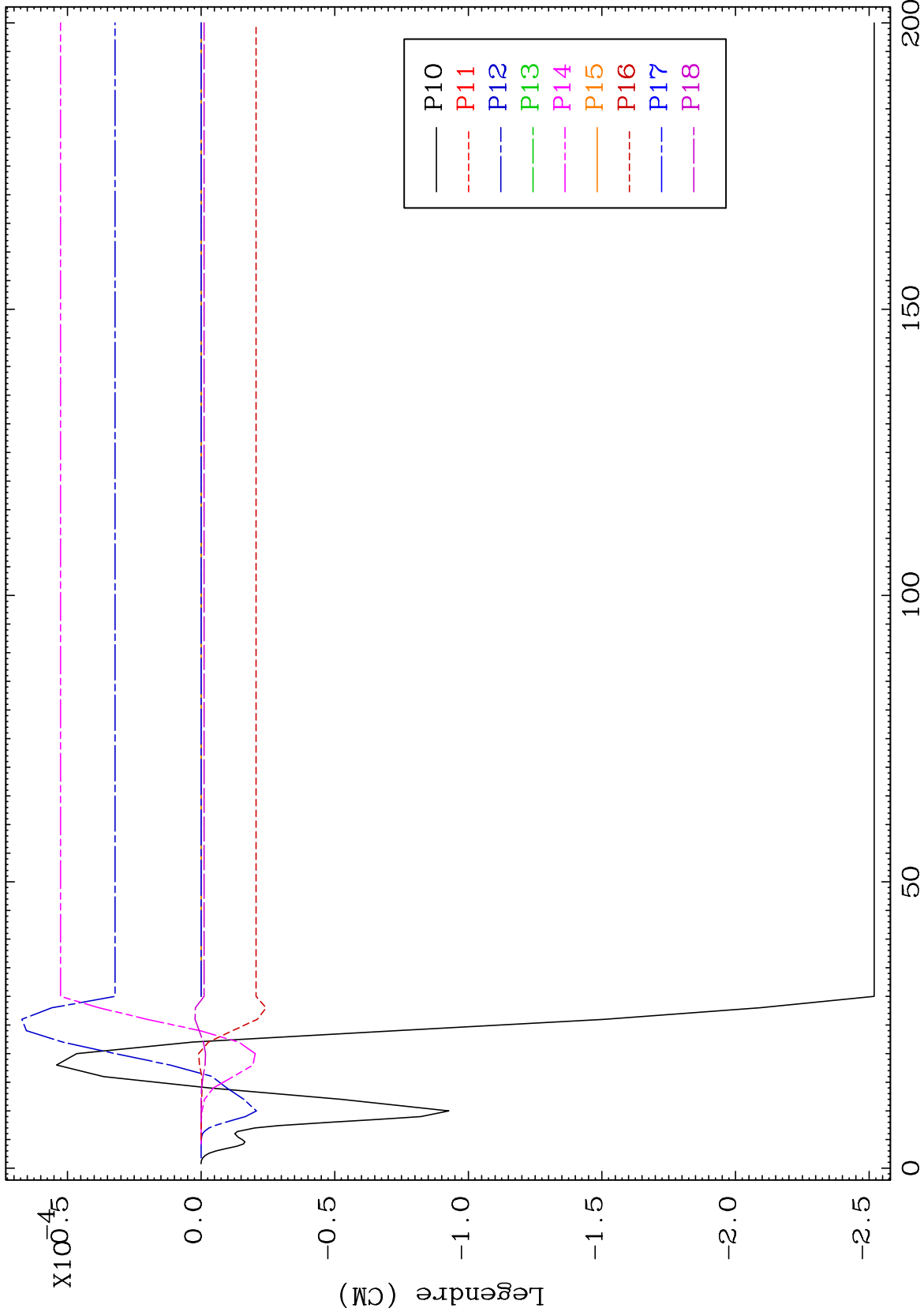
Incident Energy (MeV)

60

MAT 8110

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

81-T1-198



61

Incident Energy (MeV)

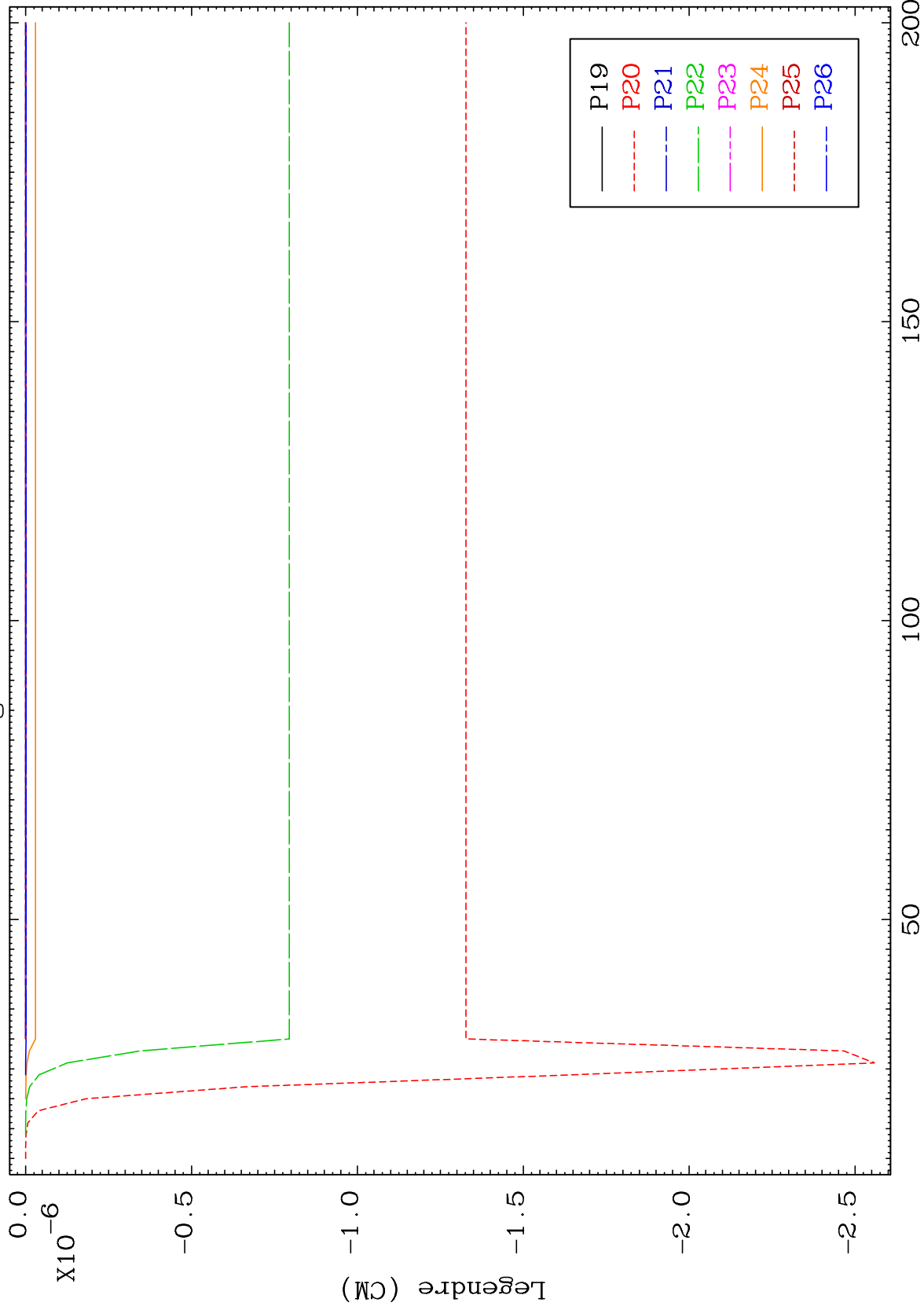
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MAT 8110

MT= 62 (n,n') Level

81-T1-198

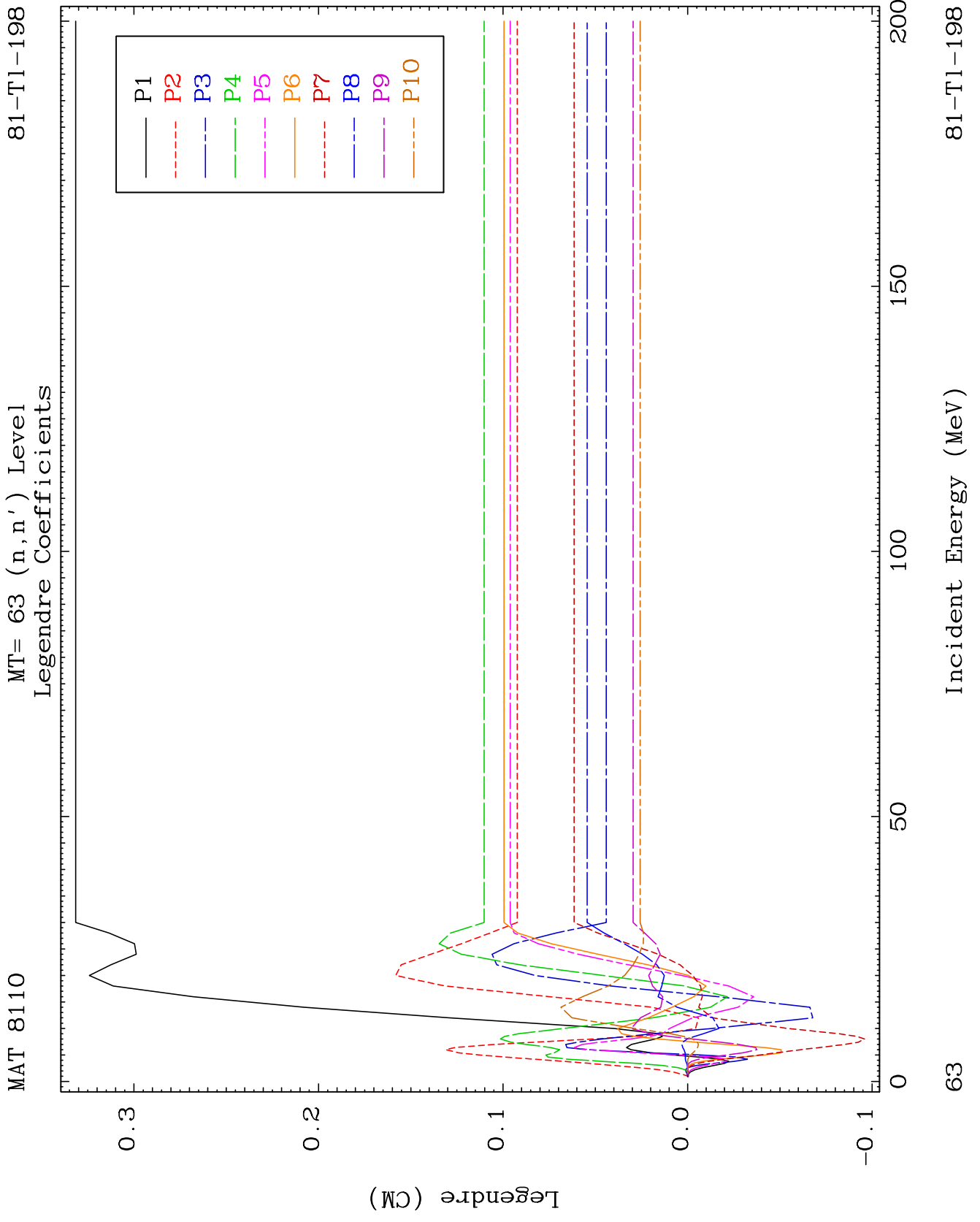
Legendre Coefficients



81-T1-198

Incident Energy (MeV)

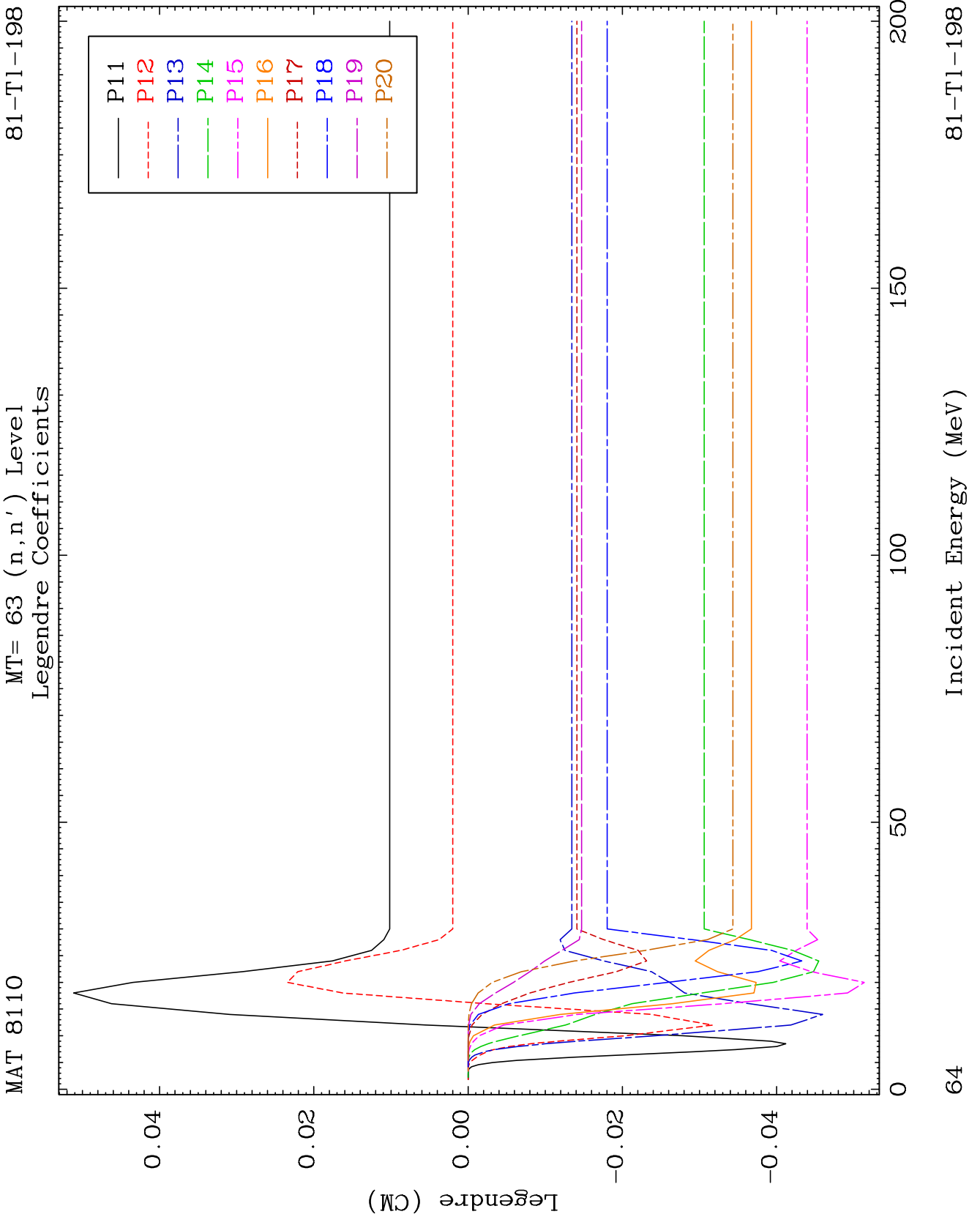
62



81-Tl-198

Incident Energy (MeV)

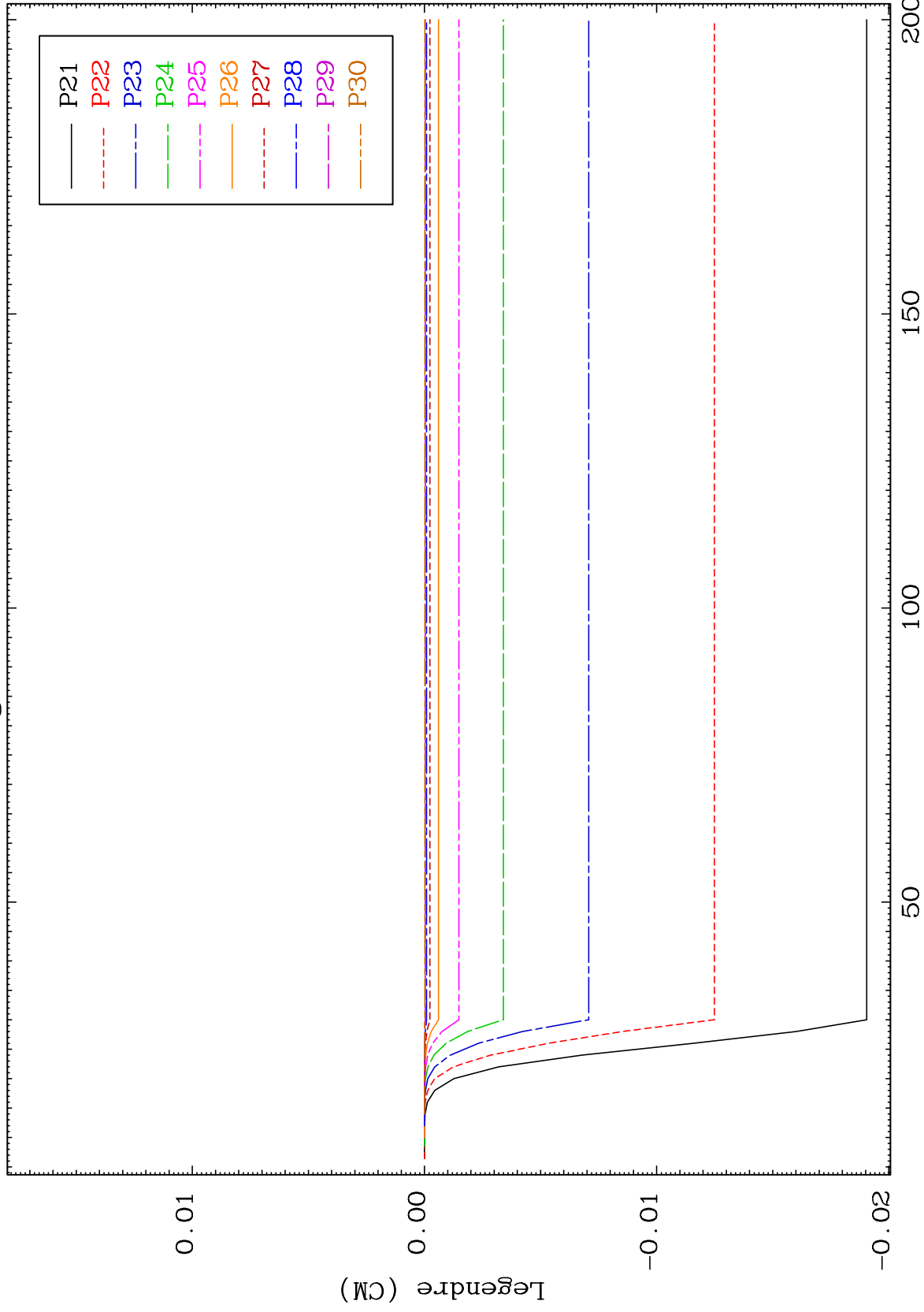
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MAT 8110

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

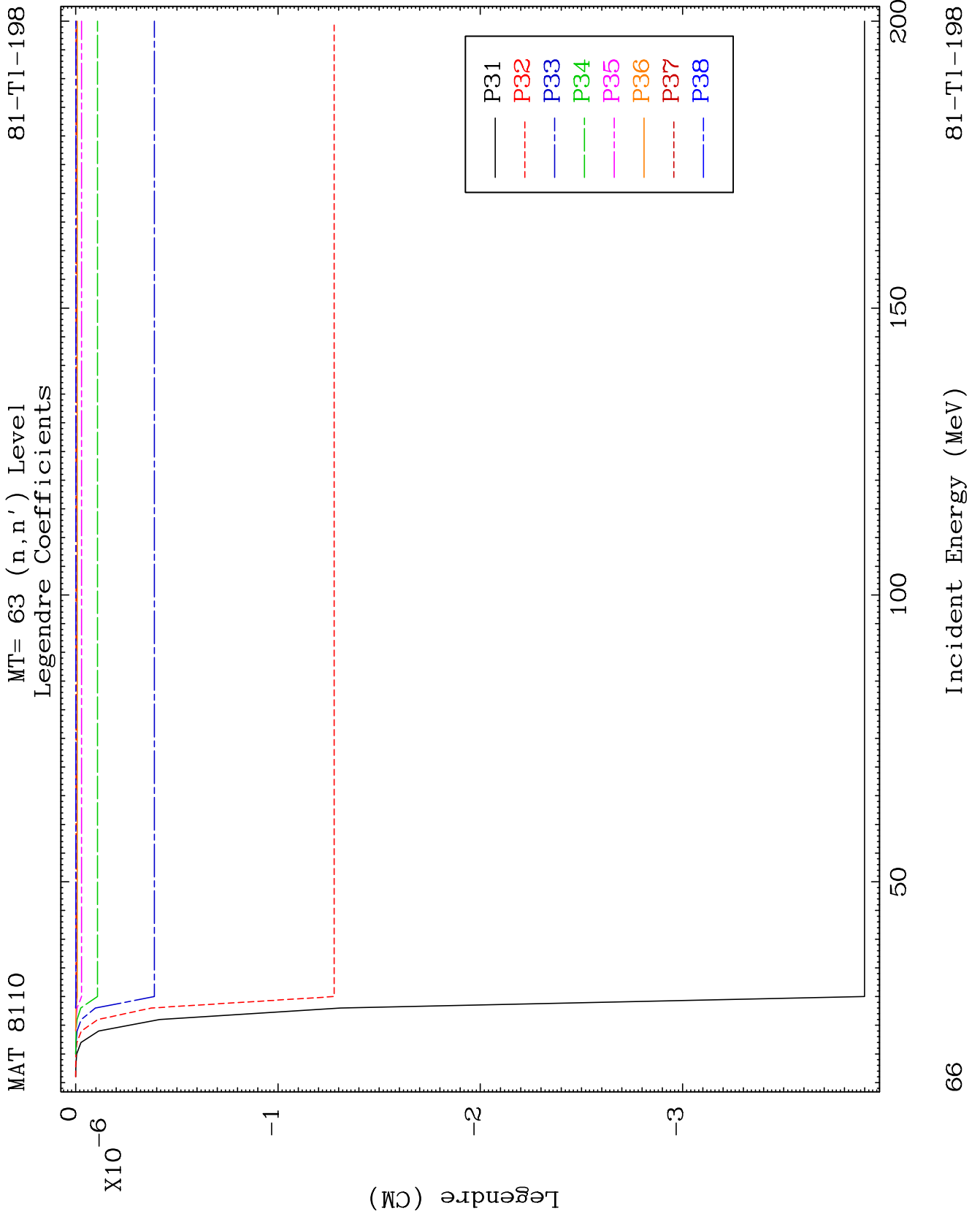
81-T1-198



65

Incident Energy (MeV)

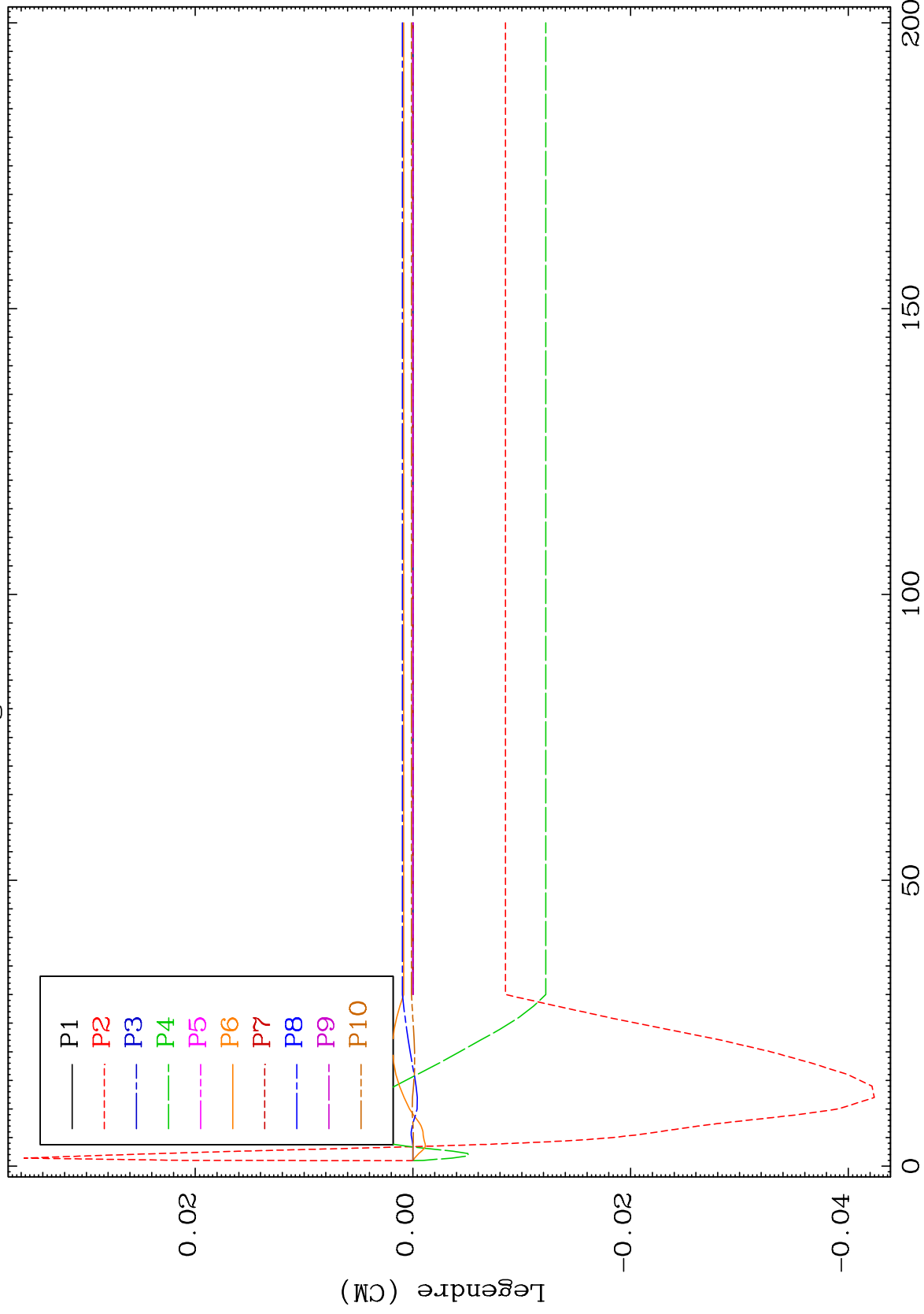
81-T1-198



MAT 8110

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

81-Tl-198



67

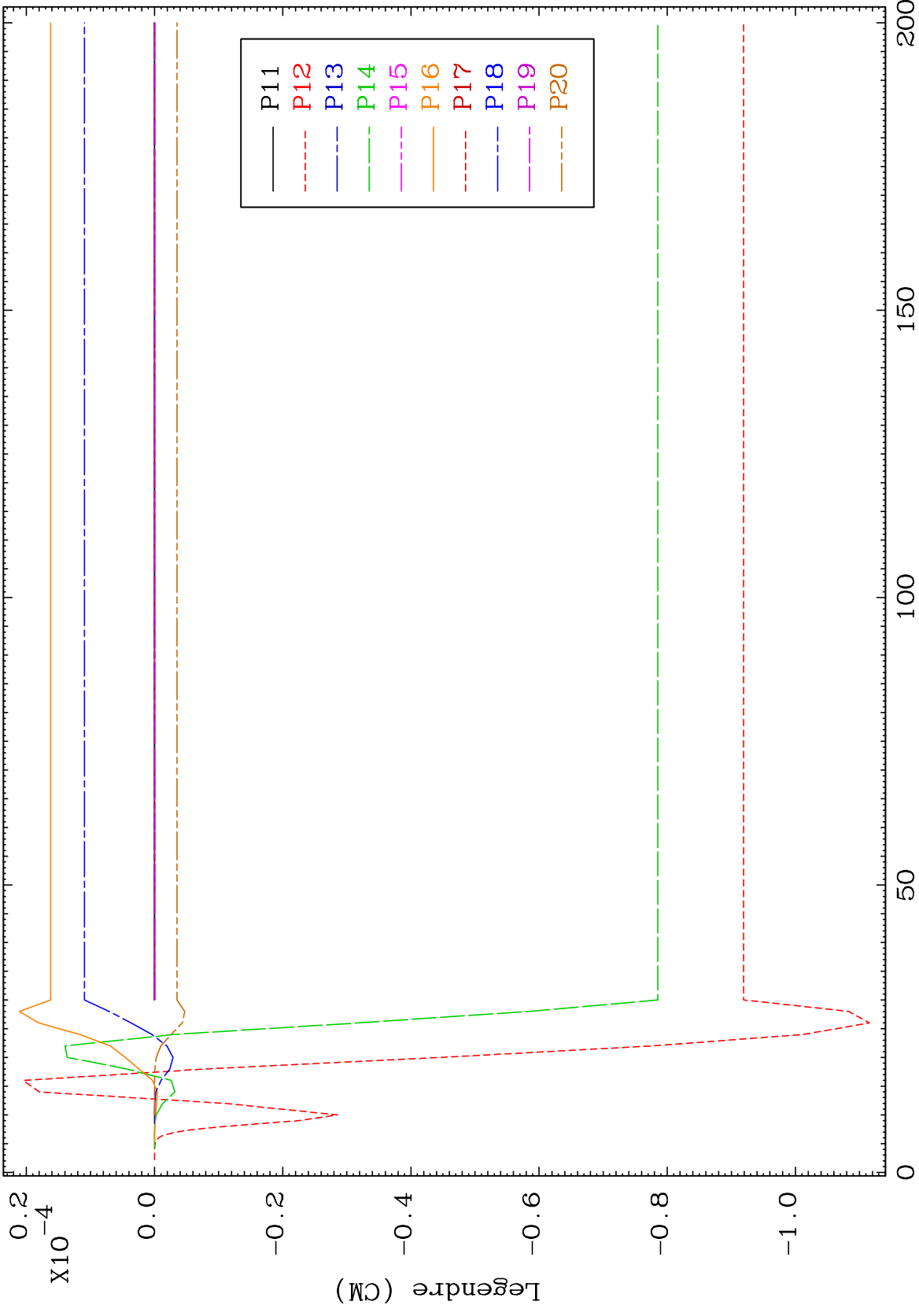
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

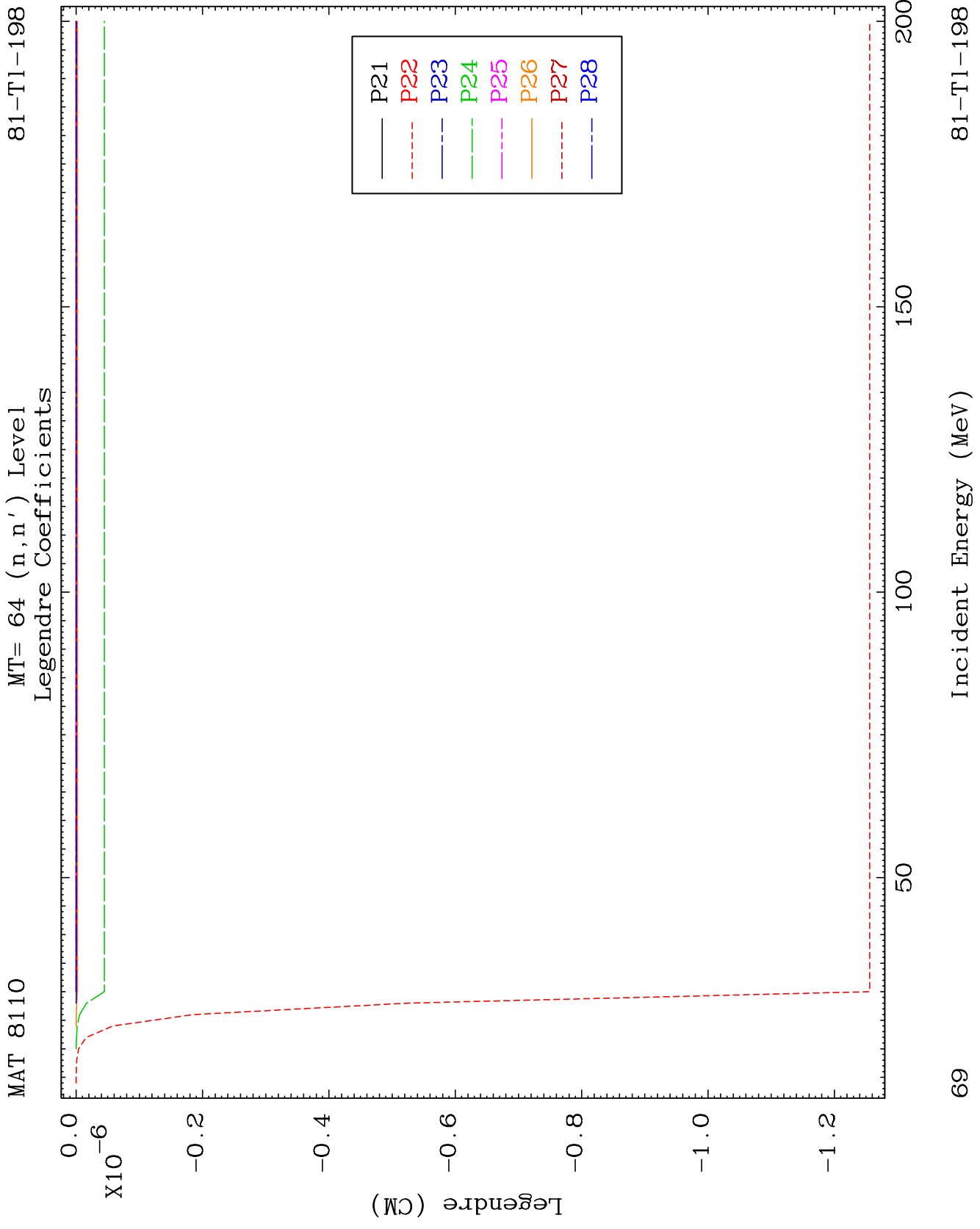
81-Tl-198



68

Incident Energy (MeV)

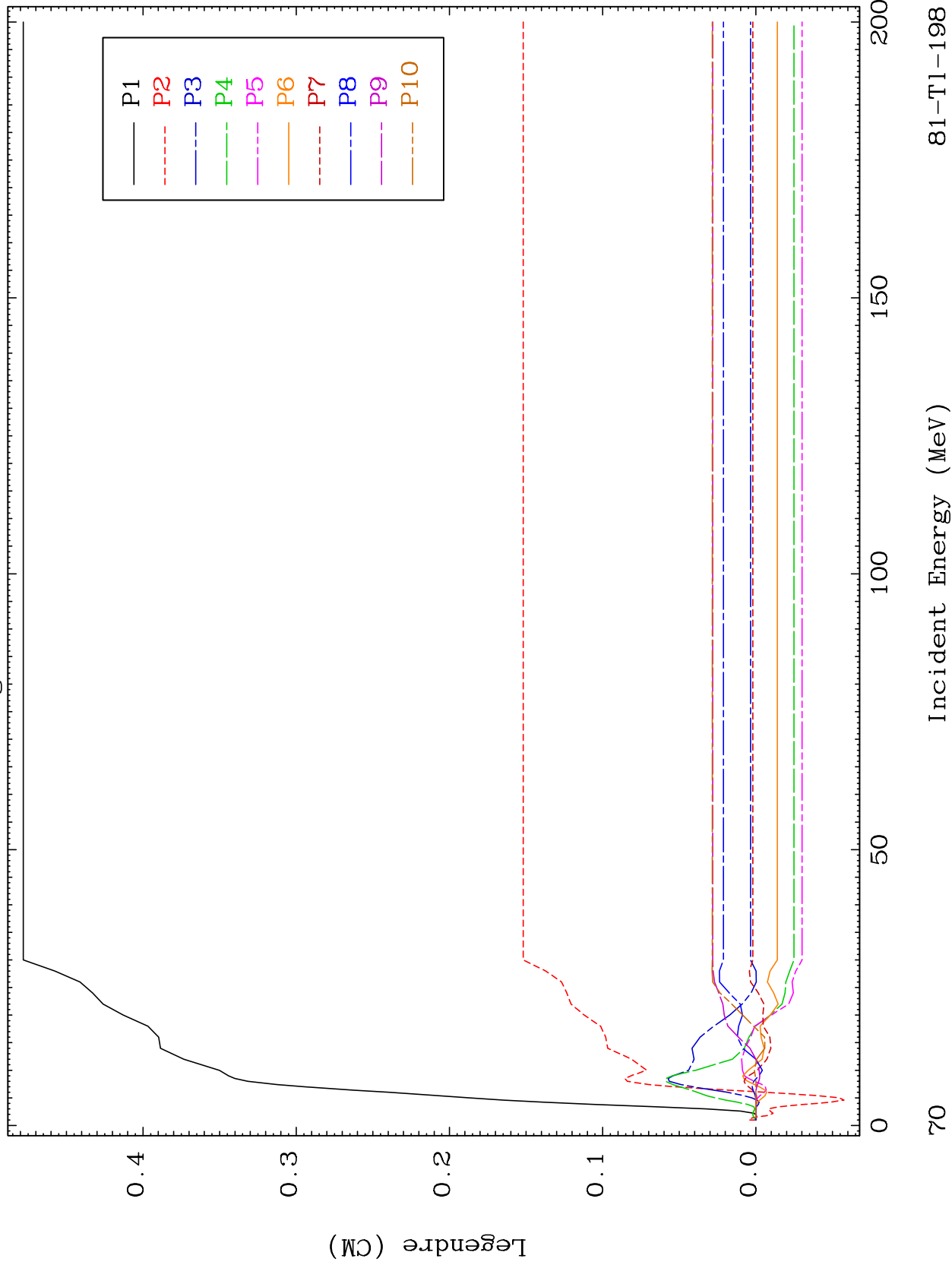
81-Tl-198



MAT 8110

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

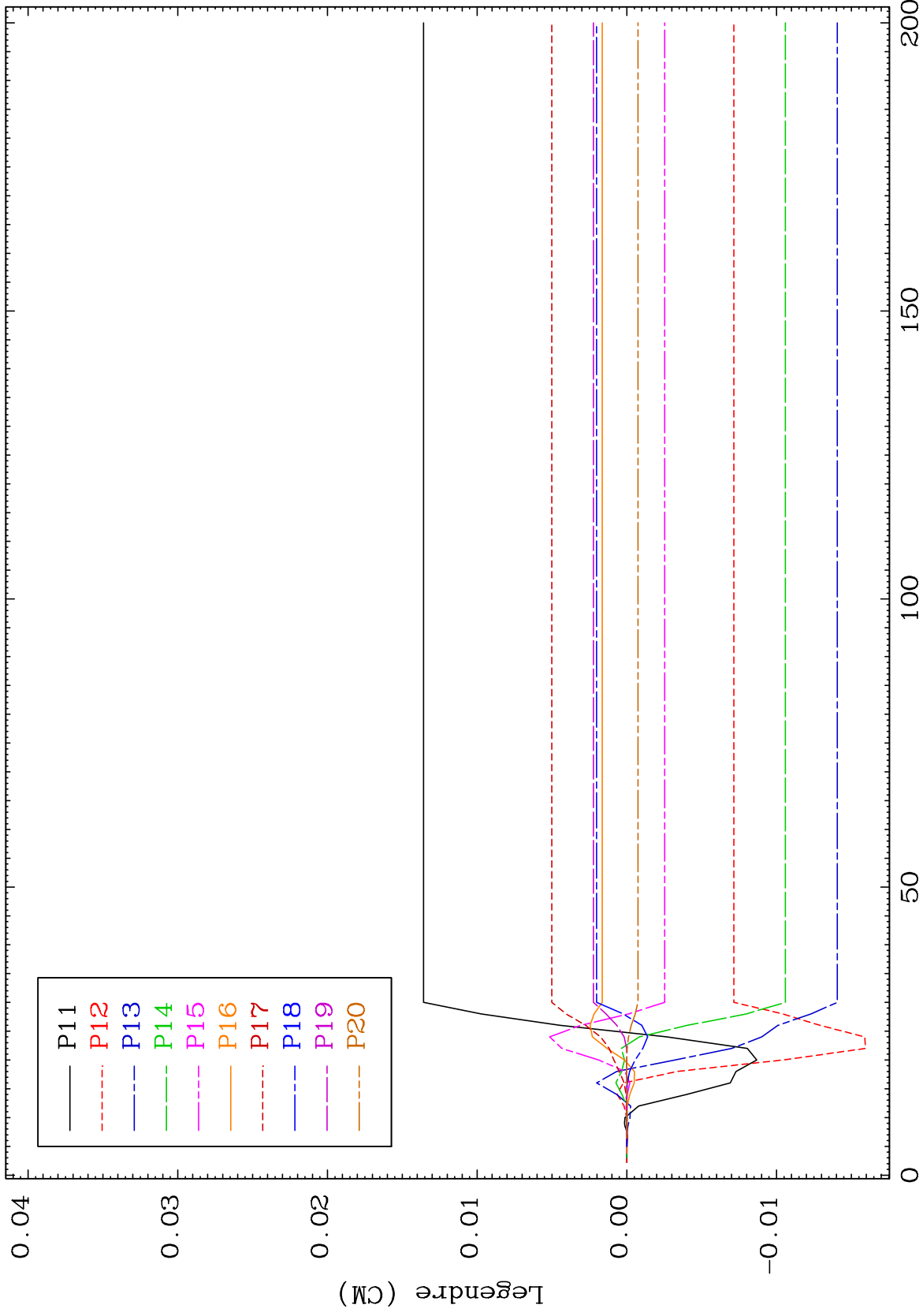
81-T1-198



MAT 8110

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

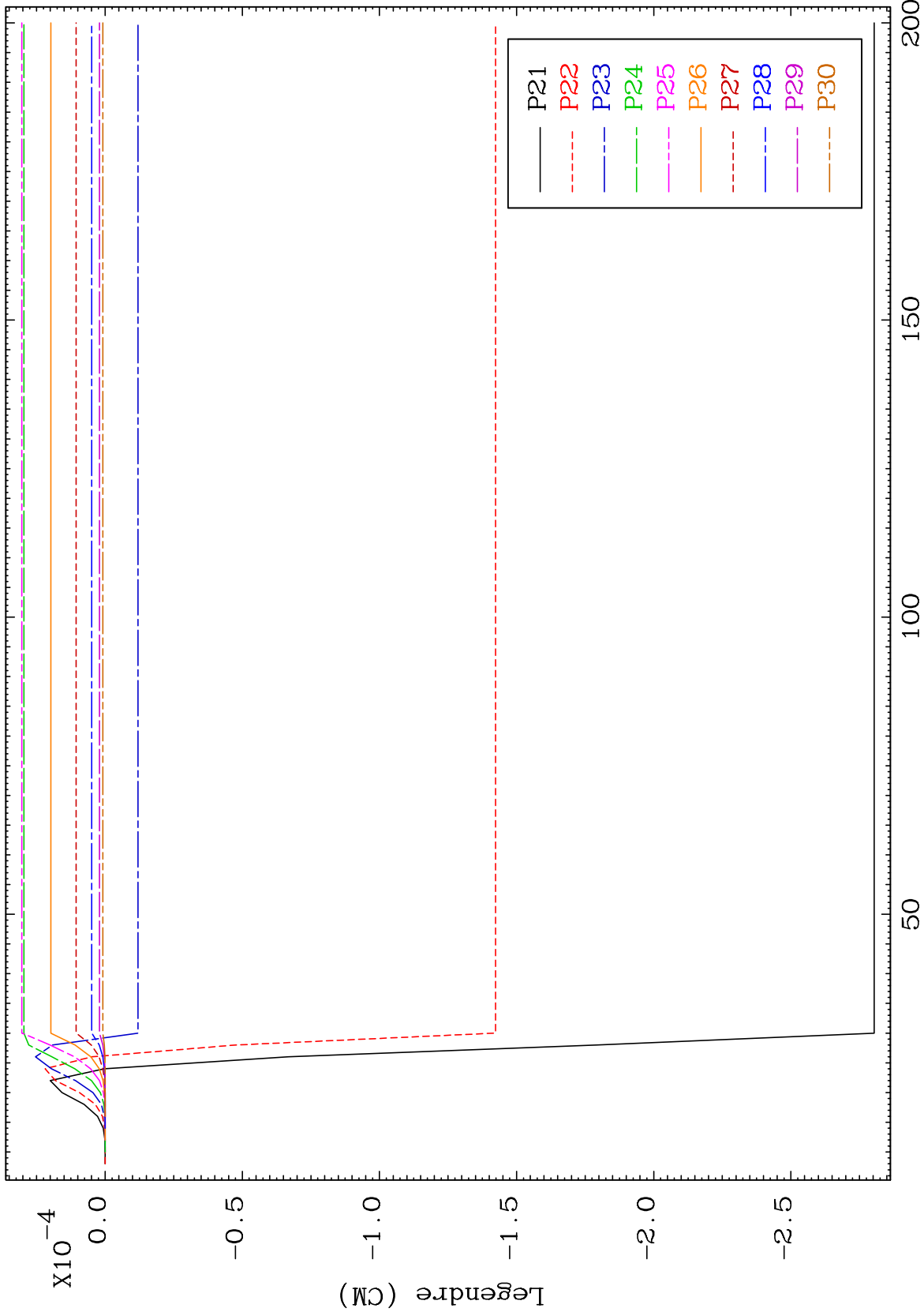
81-T1-198



71

Incident Energy (MeV)

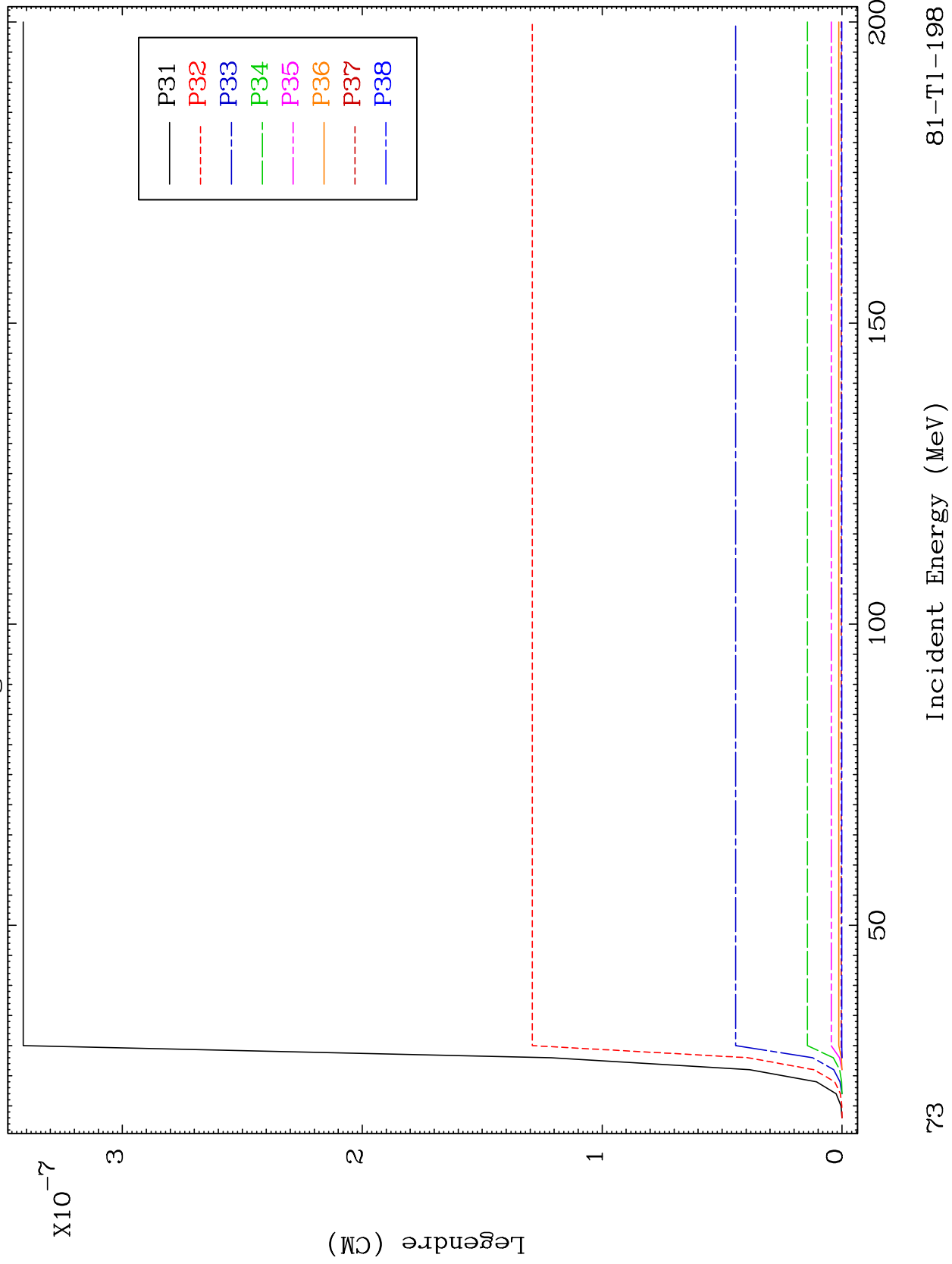
81-T1-198



MAT 8110

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

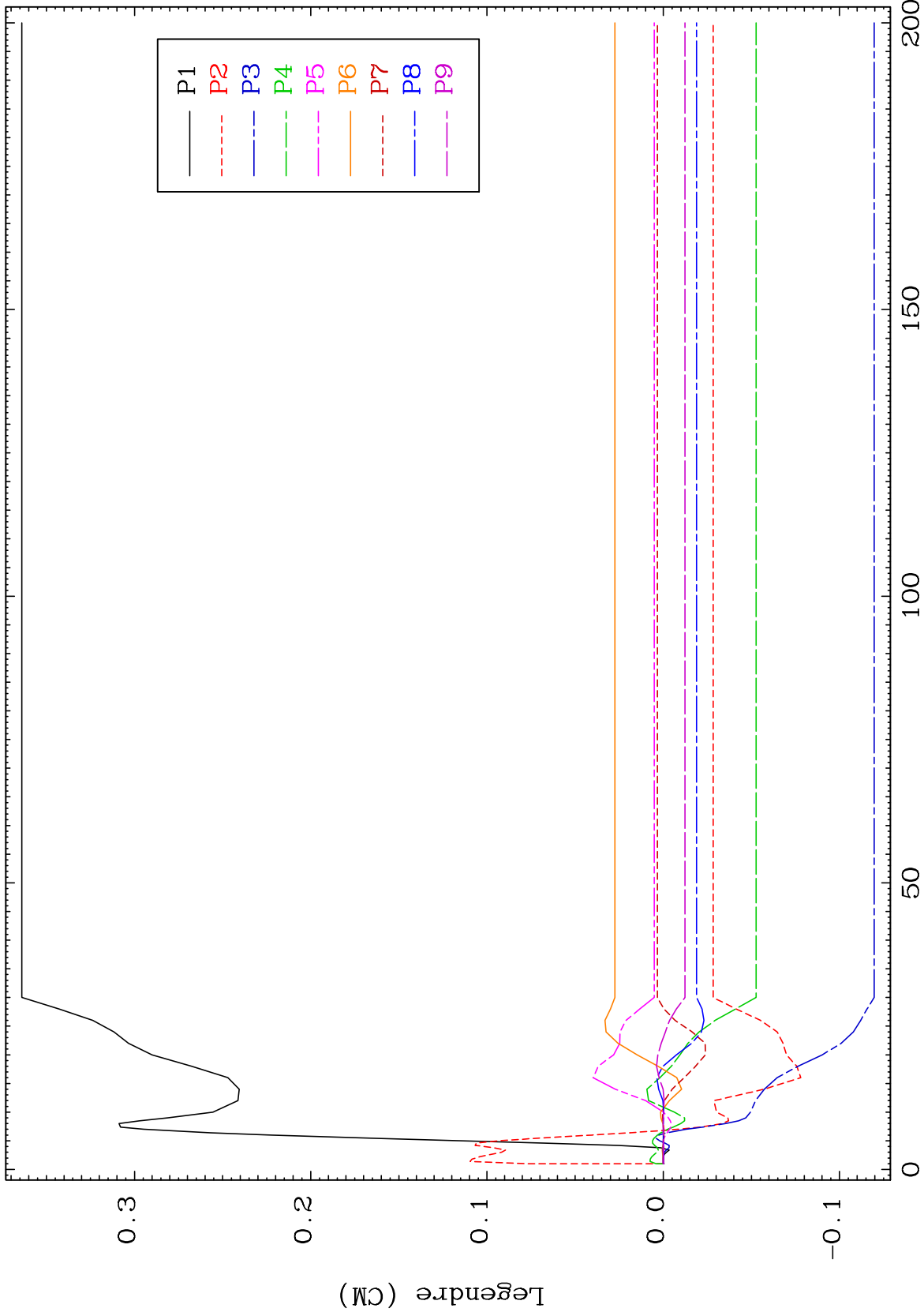
81-T1-198



MAT 8110

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

81-T1-198



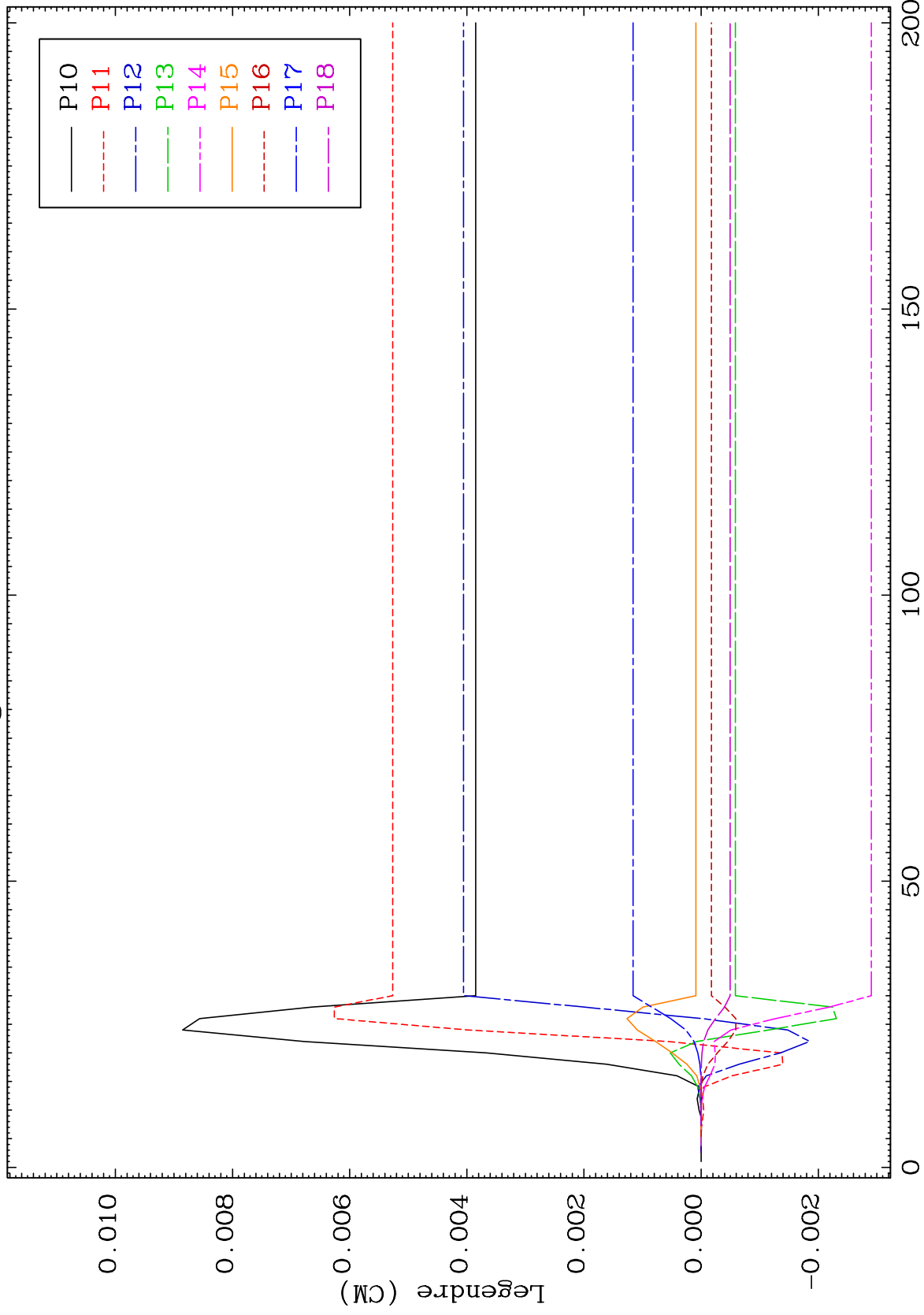
74

81-T1-198

MAT 8110

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

81-T1-198



75

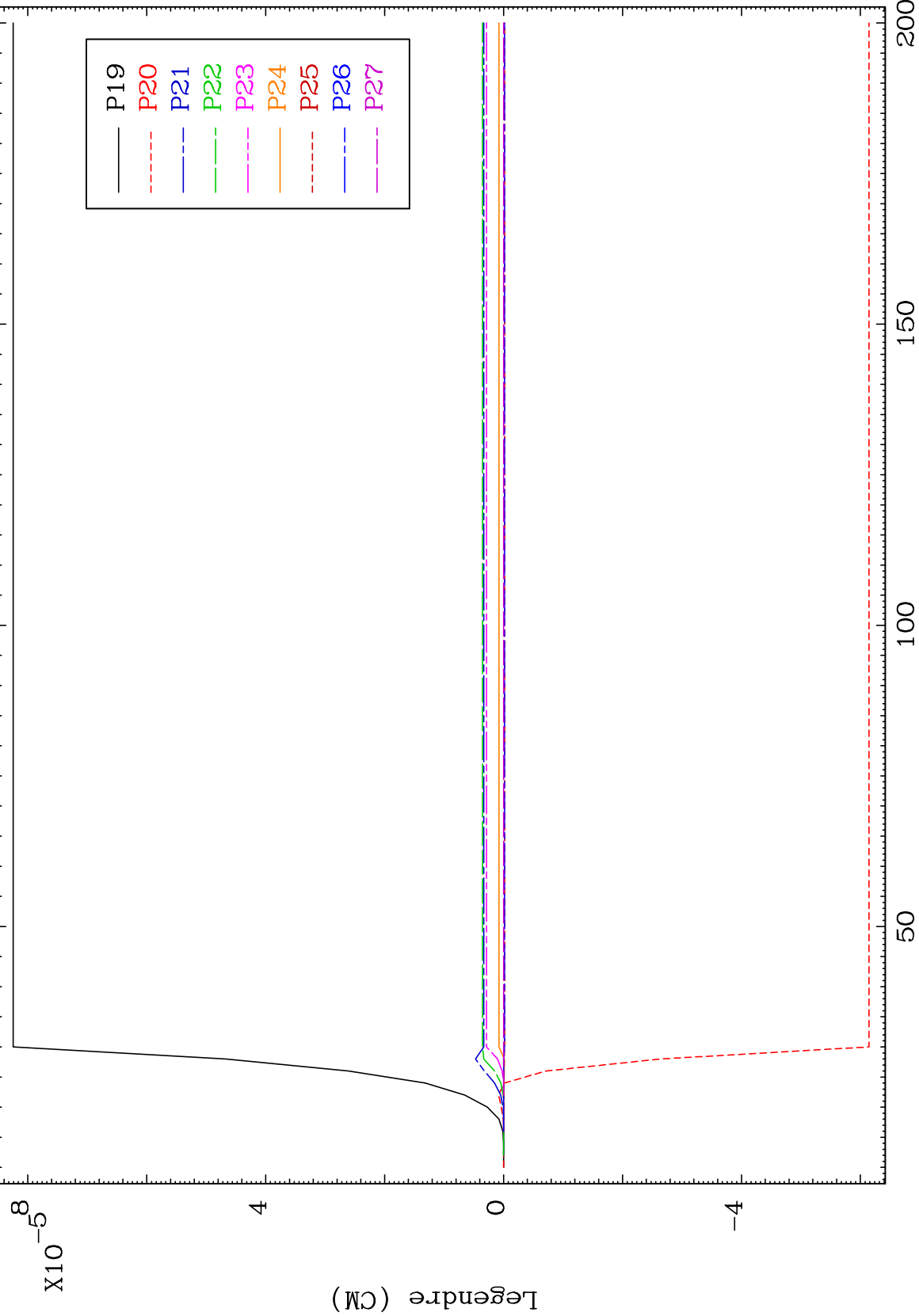
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-Tl-198



76

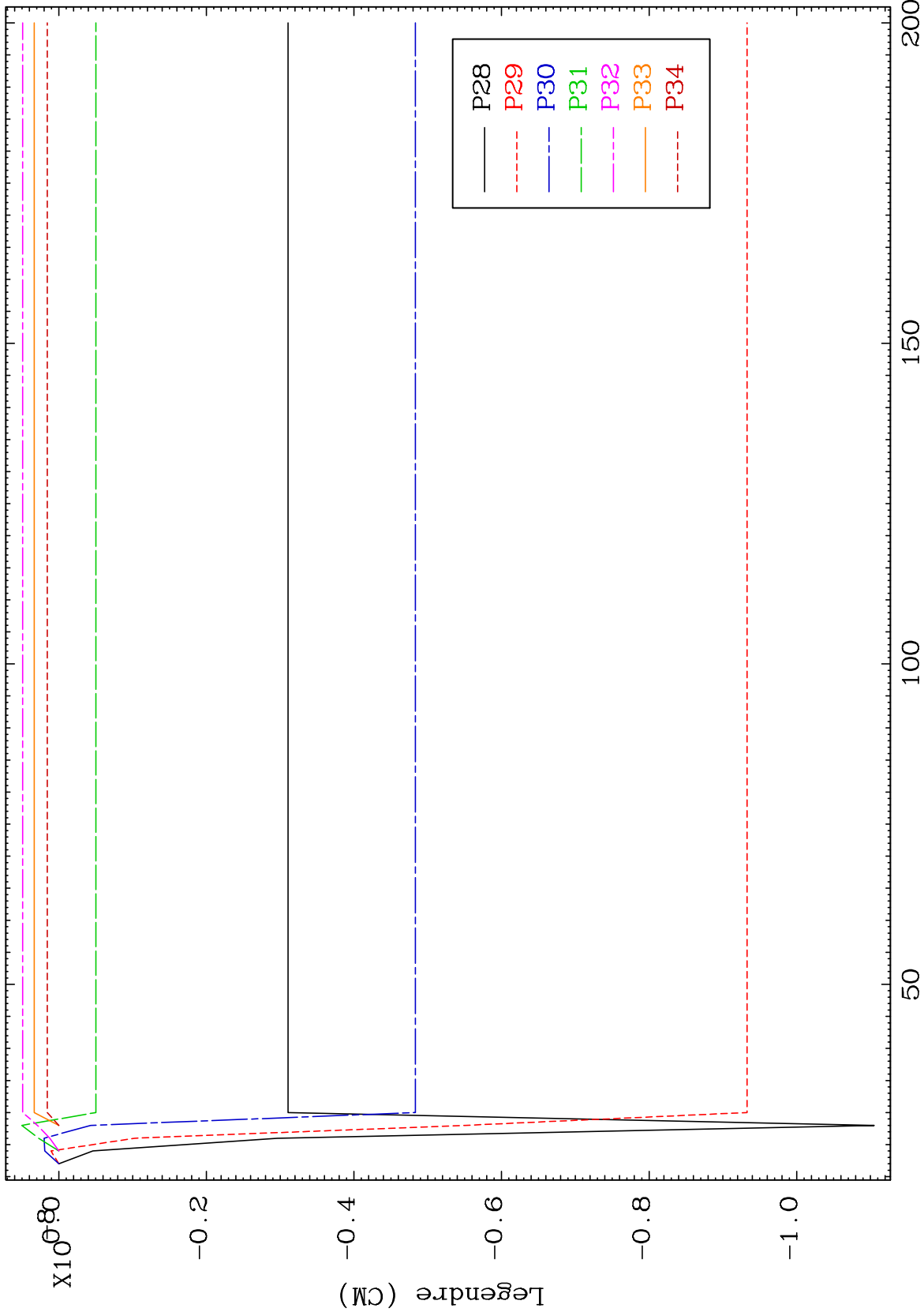
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

81-T1-198



77

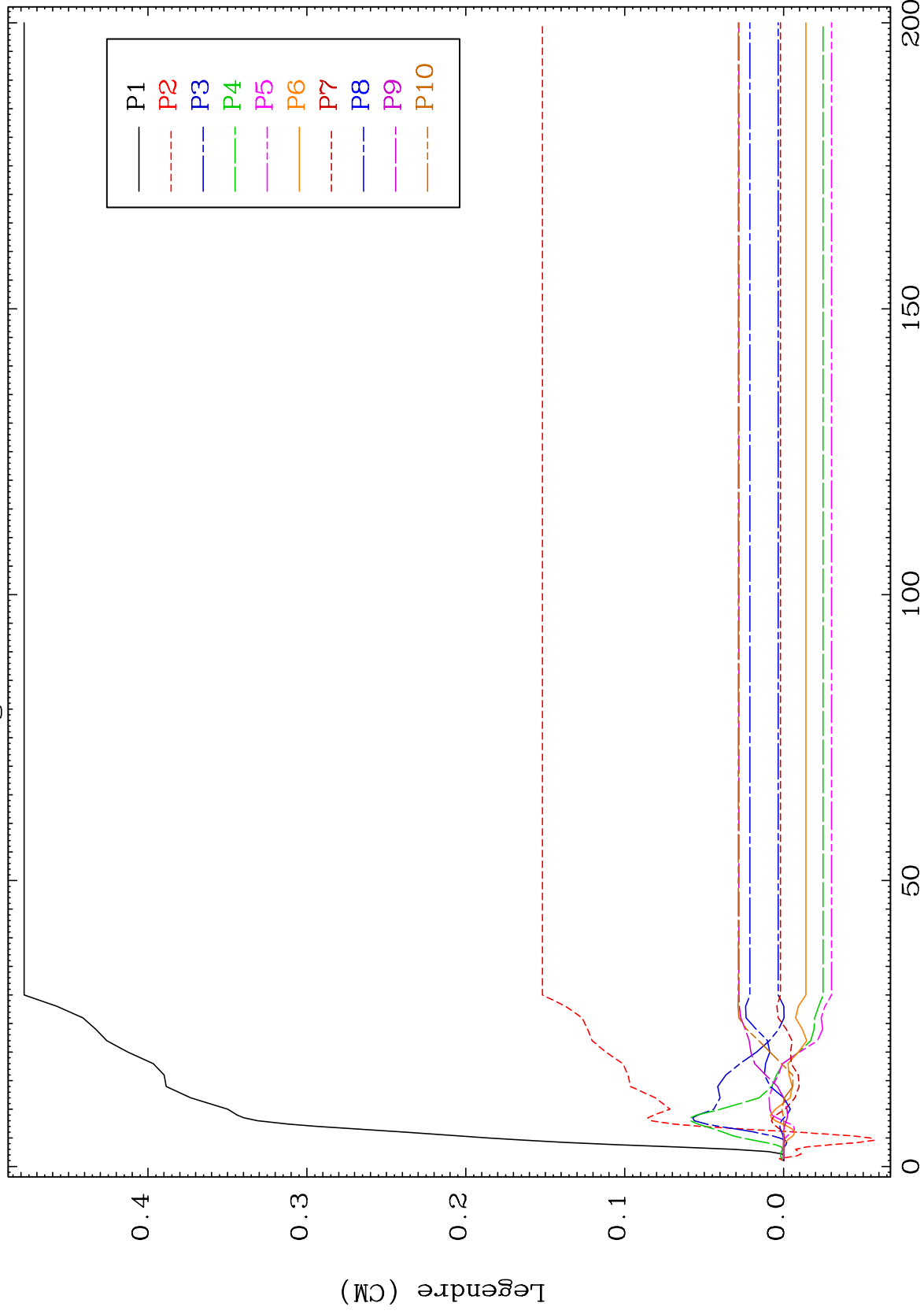
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



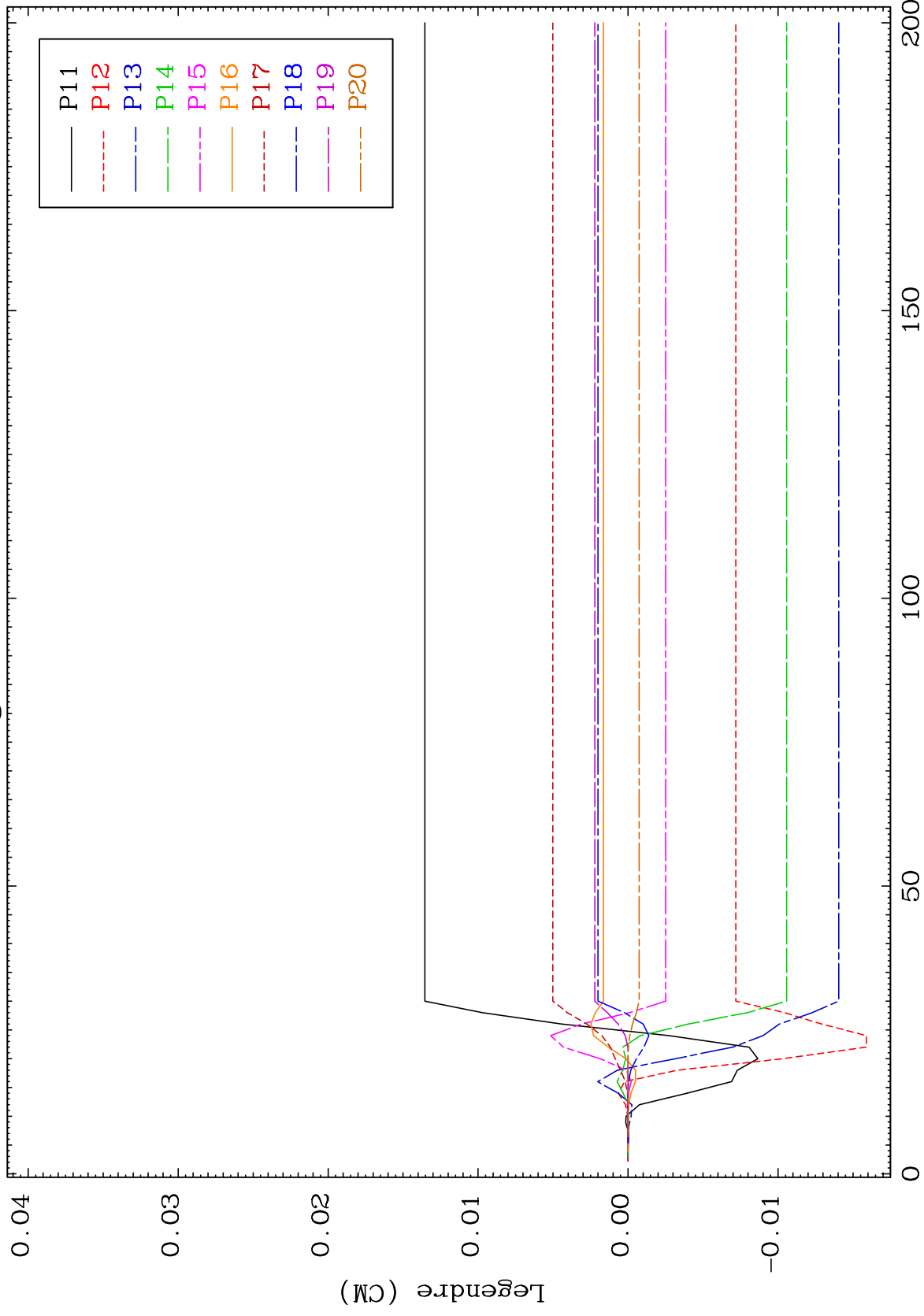
78

81-T1-198

MAT 8110

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

81-T1-198



79

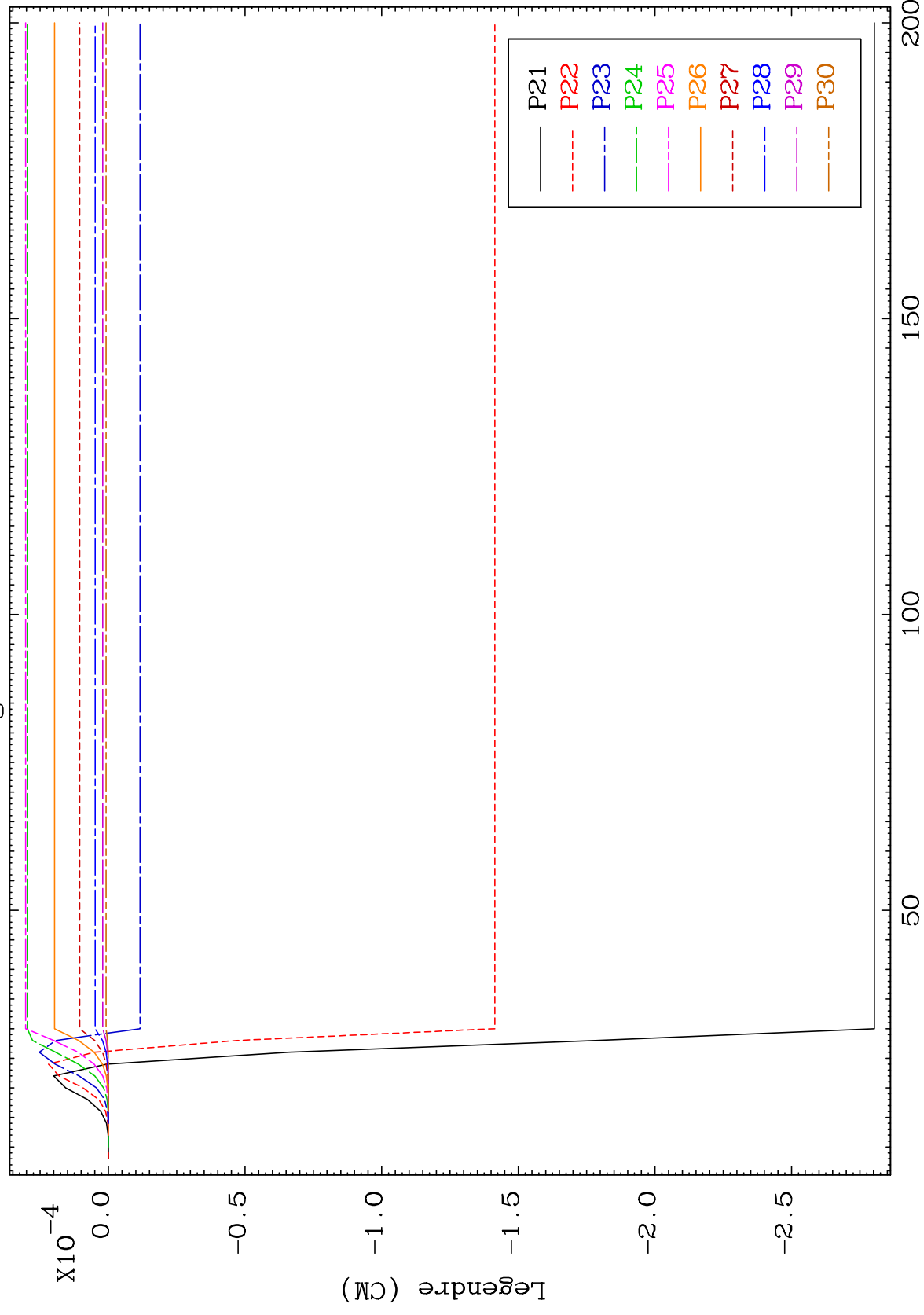
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-Tl-198



80

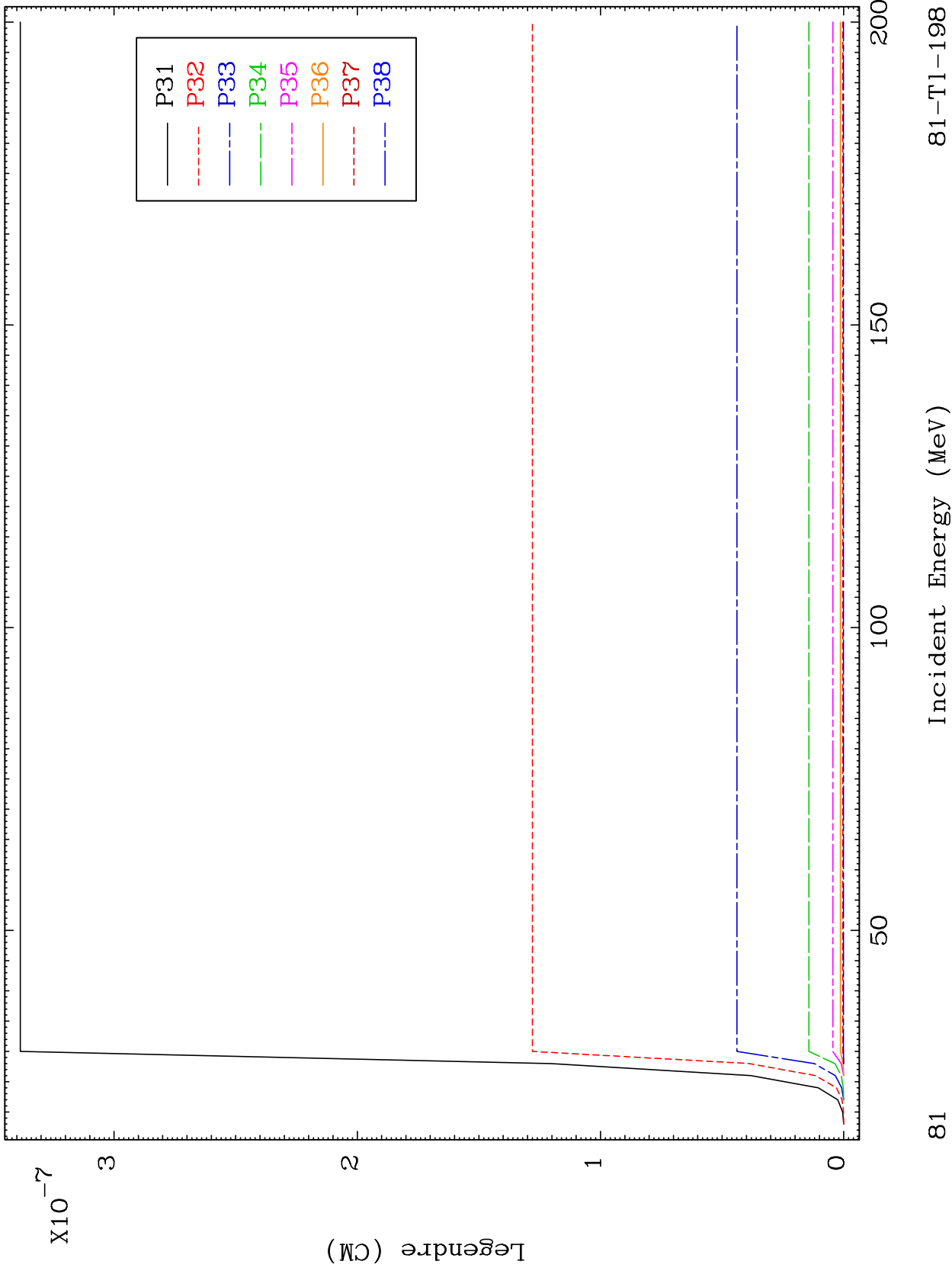
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

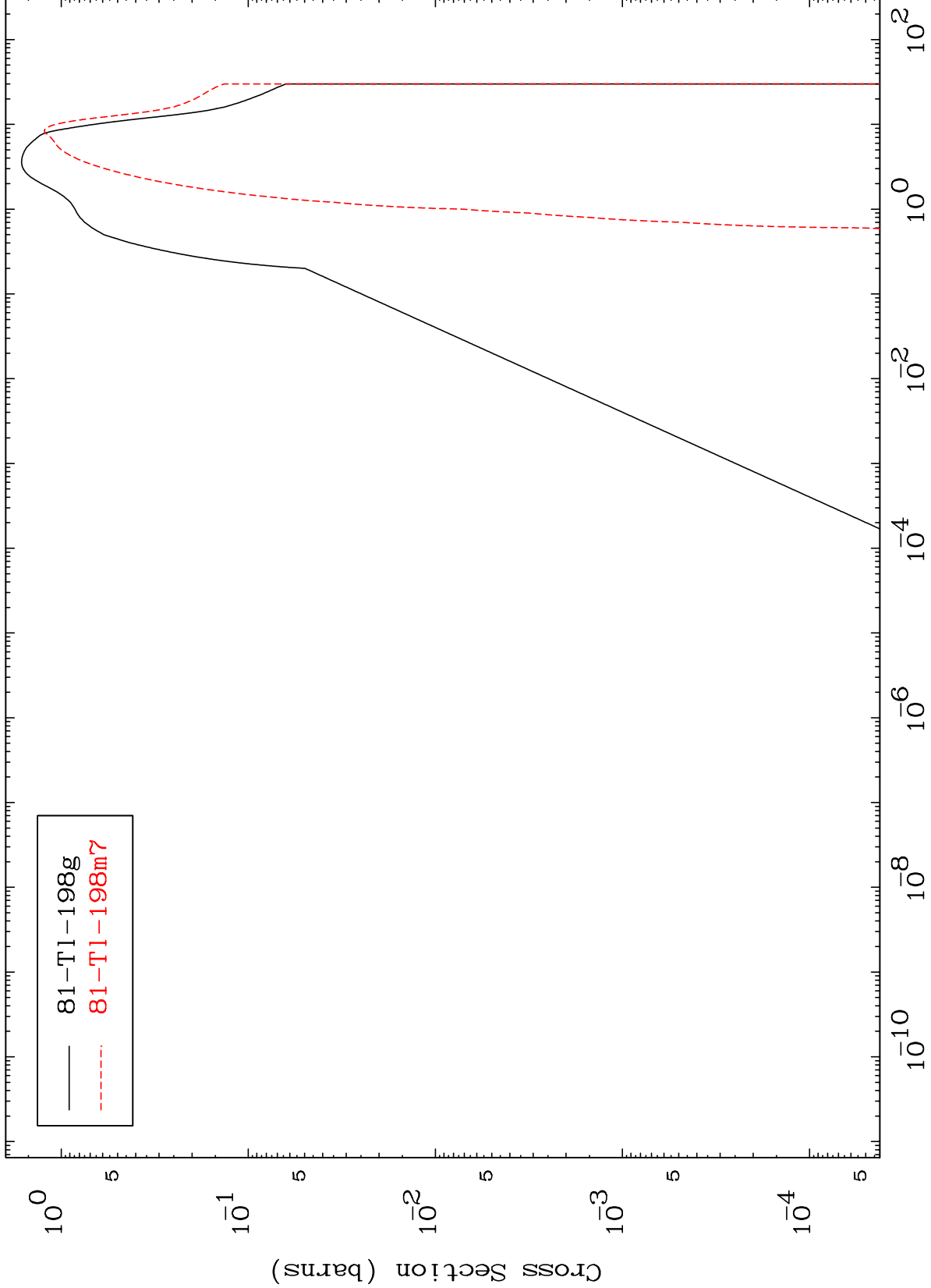
81-T1-198



MAT 8110

Inelastic  
Radionuclide Production Cross Section

81-Tl-198

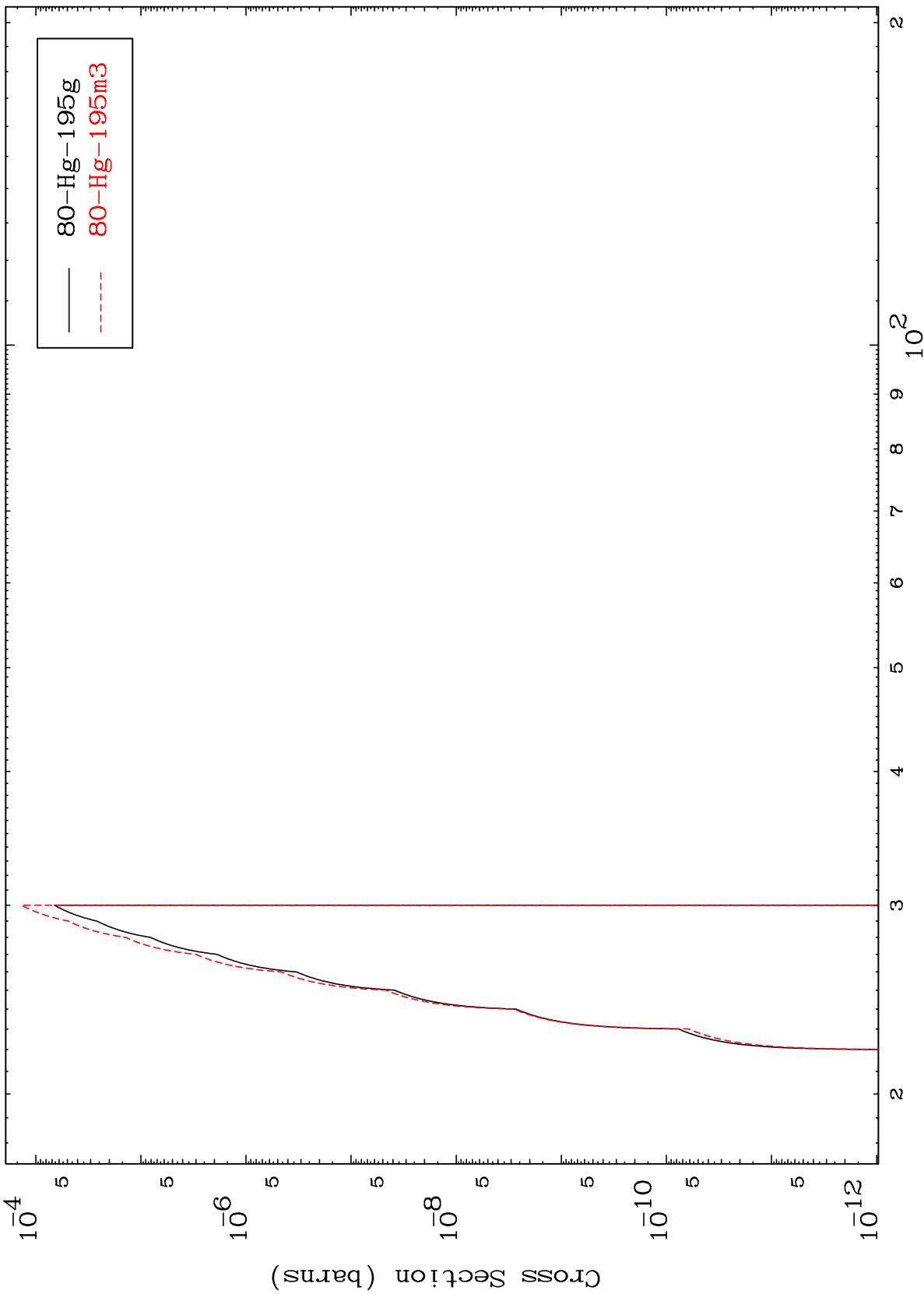


81-Tl-198g  
81-Tl-198m7

82

81-Tl-198

Radionuclide Production Cross Section

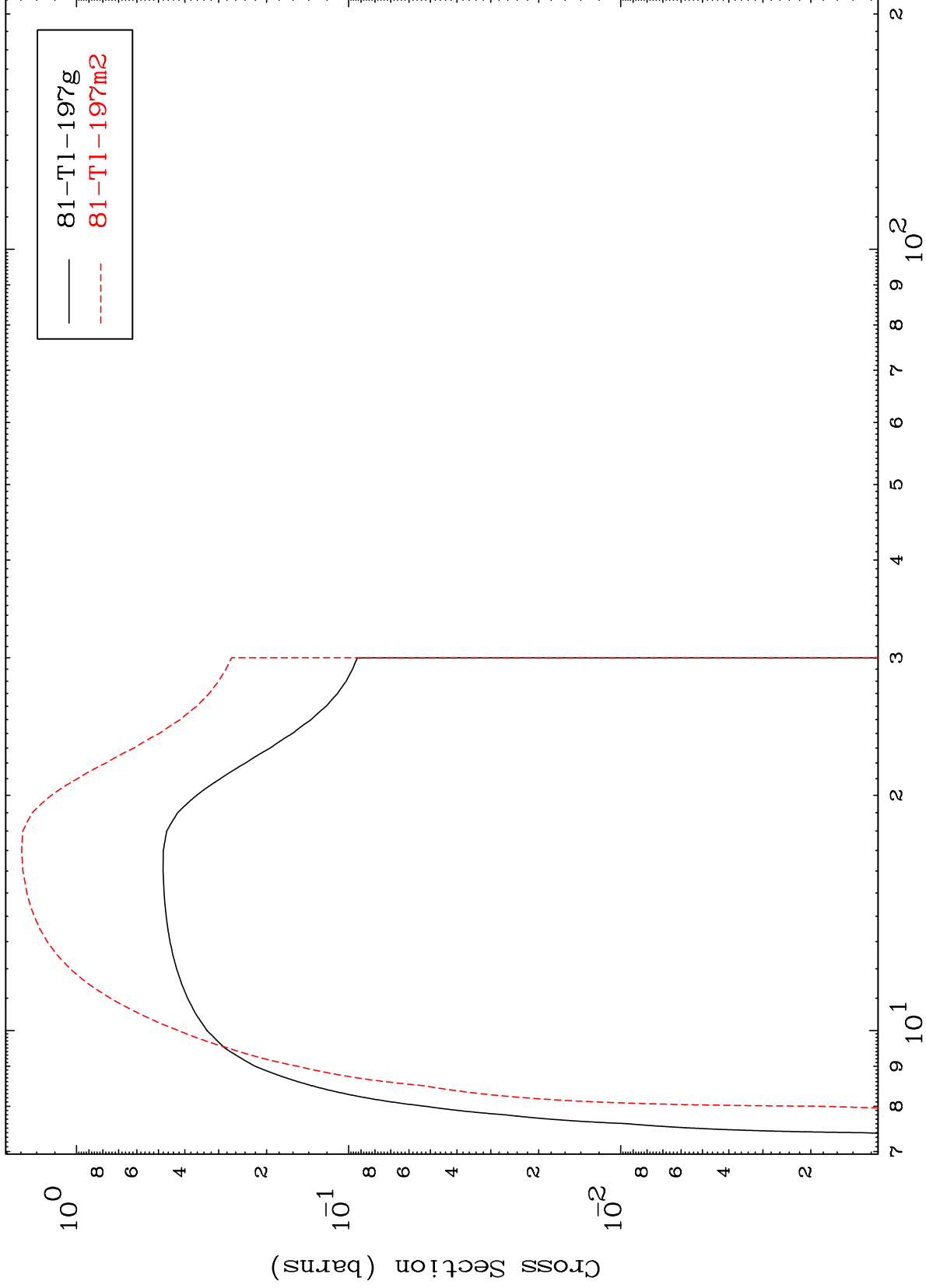


MAT 8110

(n,2n)

81-Tl-198

Radionuclide Production Cross Section



84

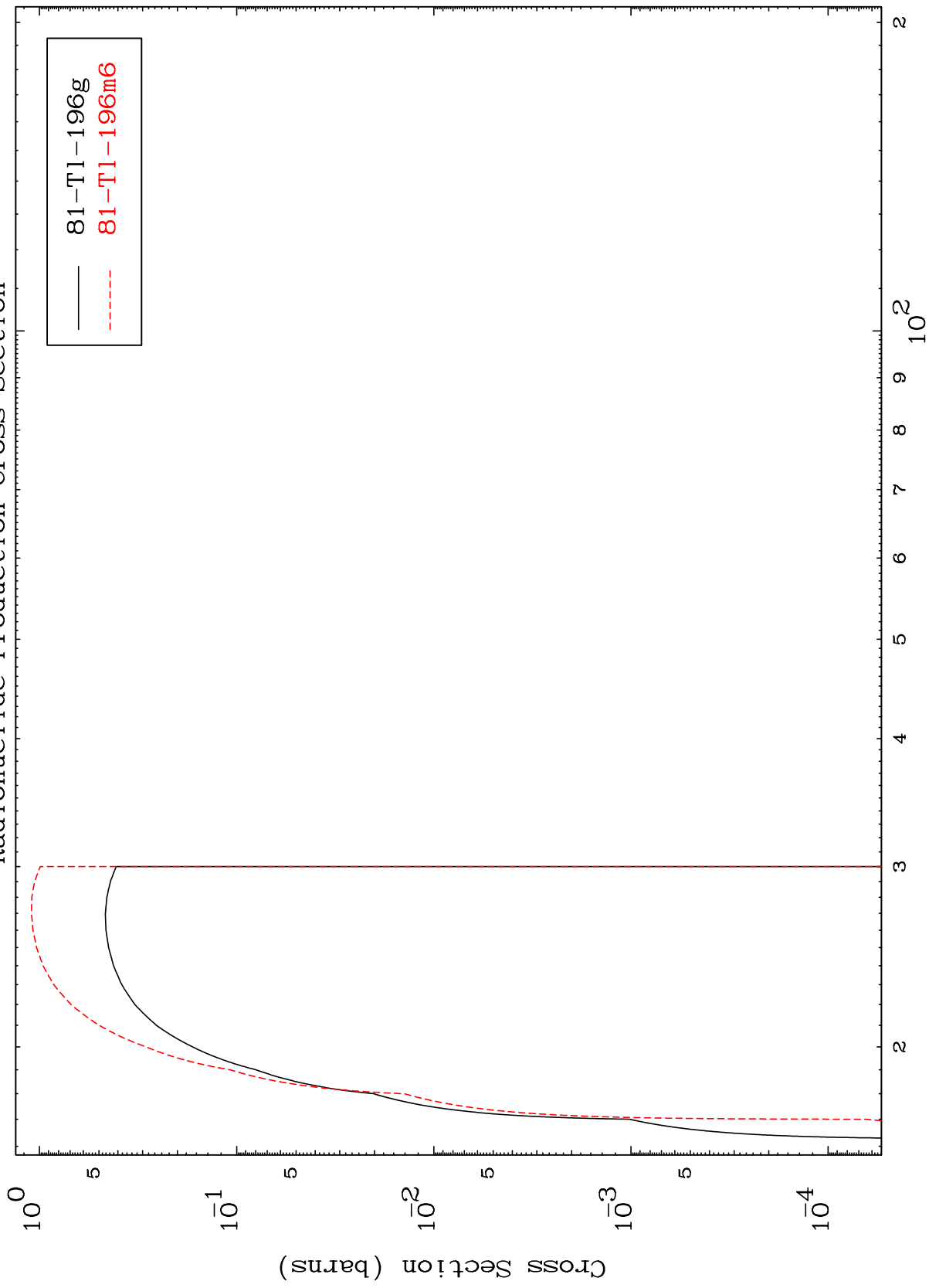
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

(n,3n)  
Radionuclide Production Cross Section



85

Incident Energy (MeV)

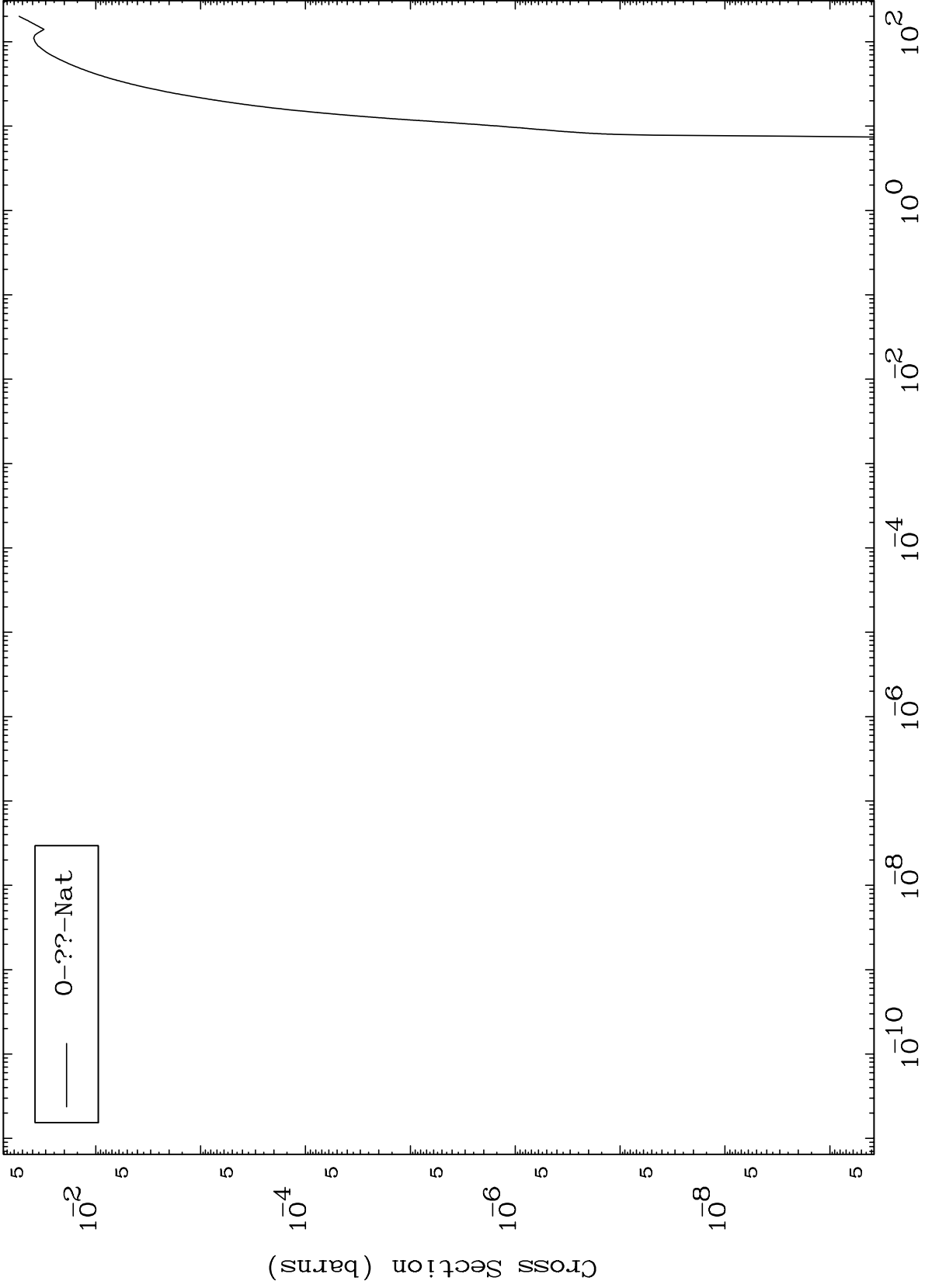
81-Tl-198

MAT 8110

Fission

81-Tl-198

Radionuclide Production Cross Section



86

Incident Energy (MeV)

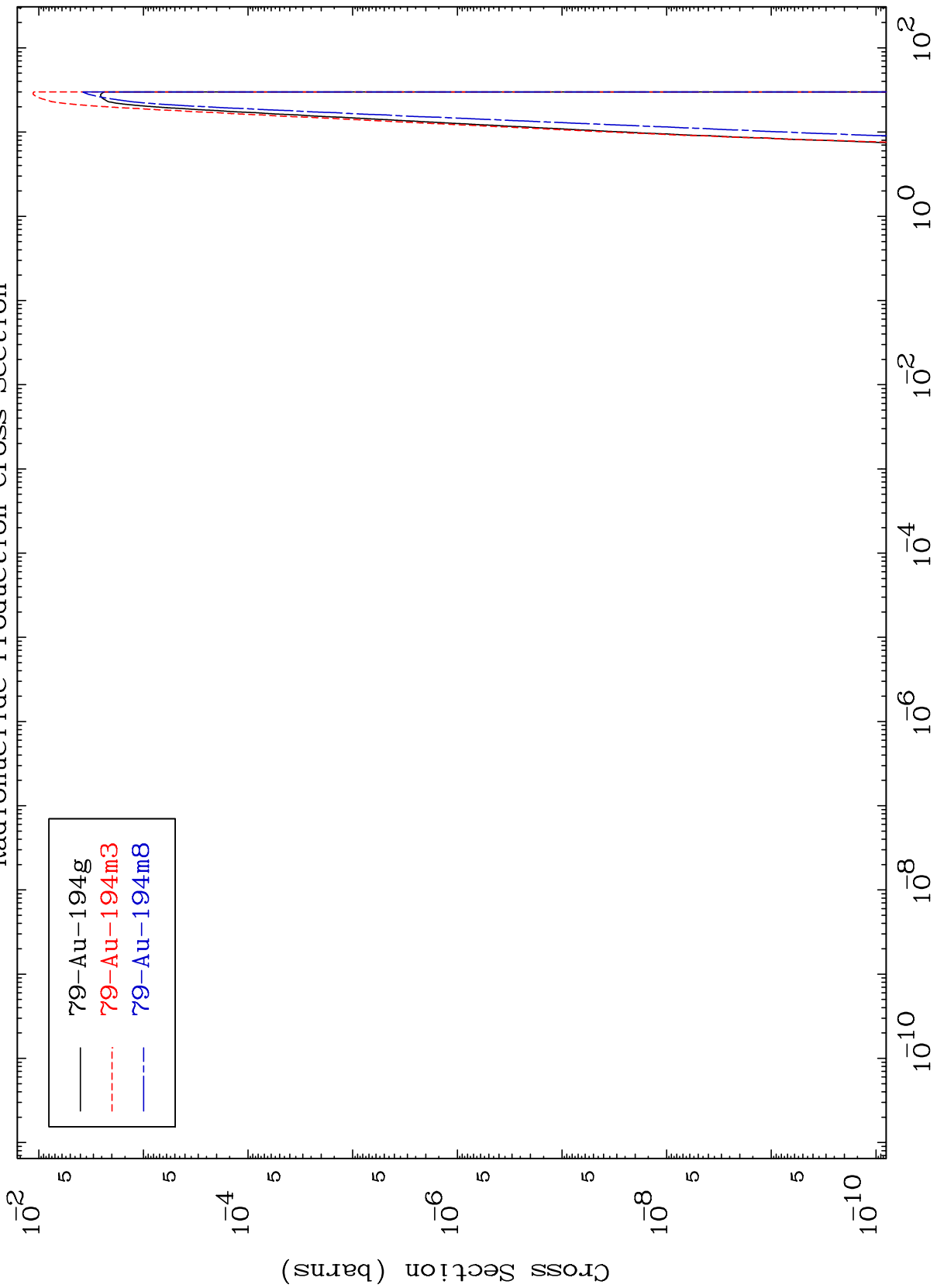
81-Tl-198

MAT 8110

$(n, n') \alpha$

81-Tl-198

Radionuclide Production Cross Section



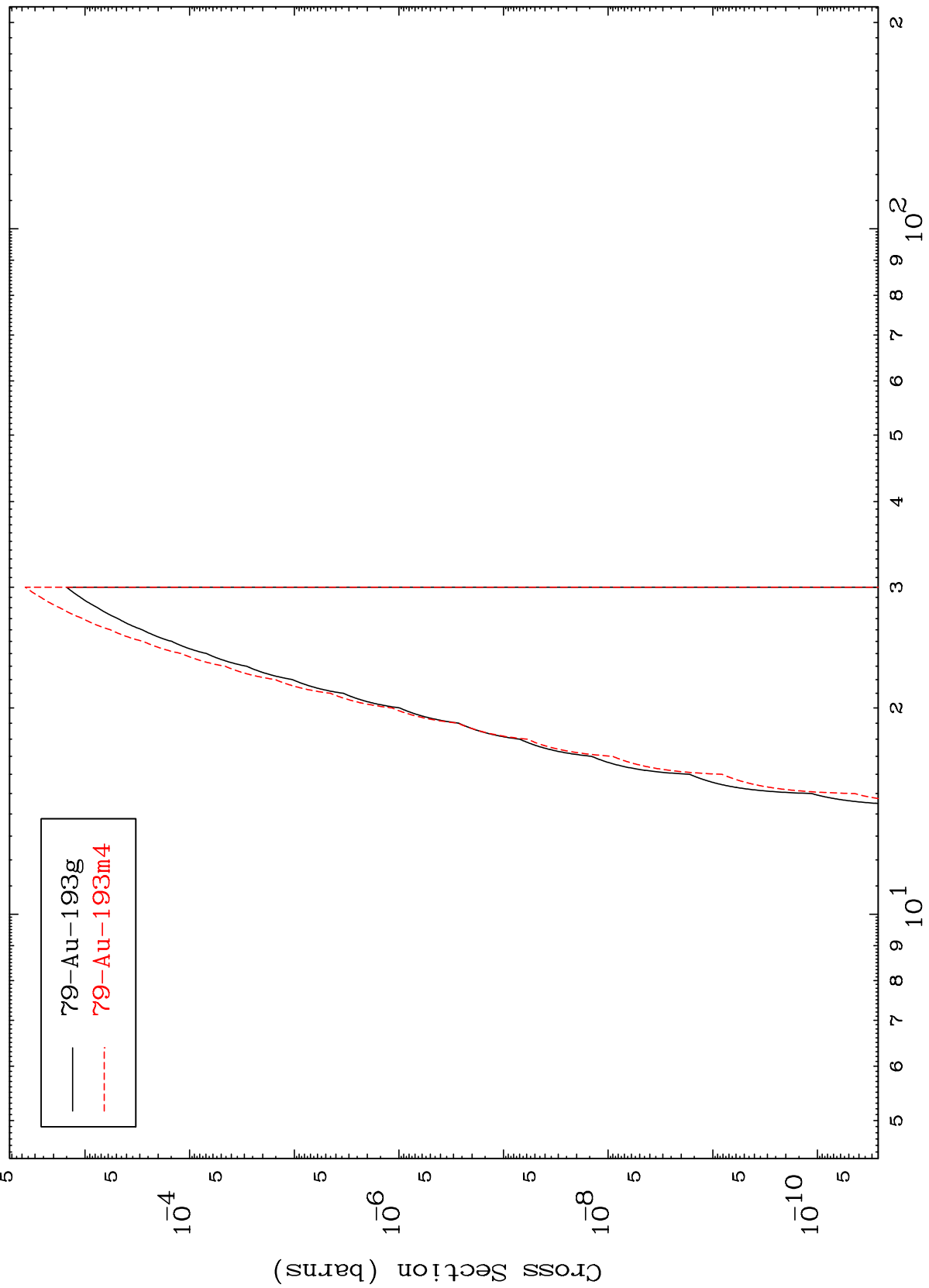
87

Incident Energy (MeV)

81-Tl-198

(n,2n)  $\alpha$

Radionuclide Production Cross Section



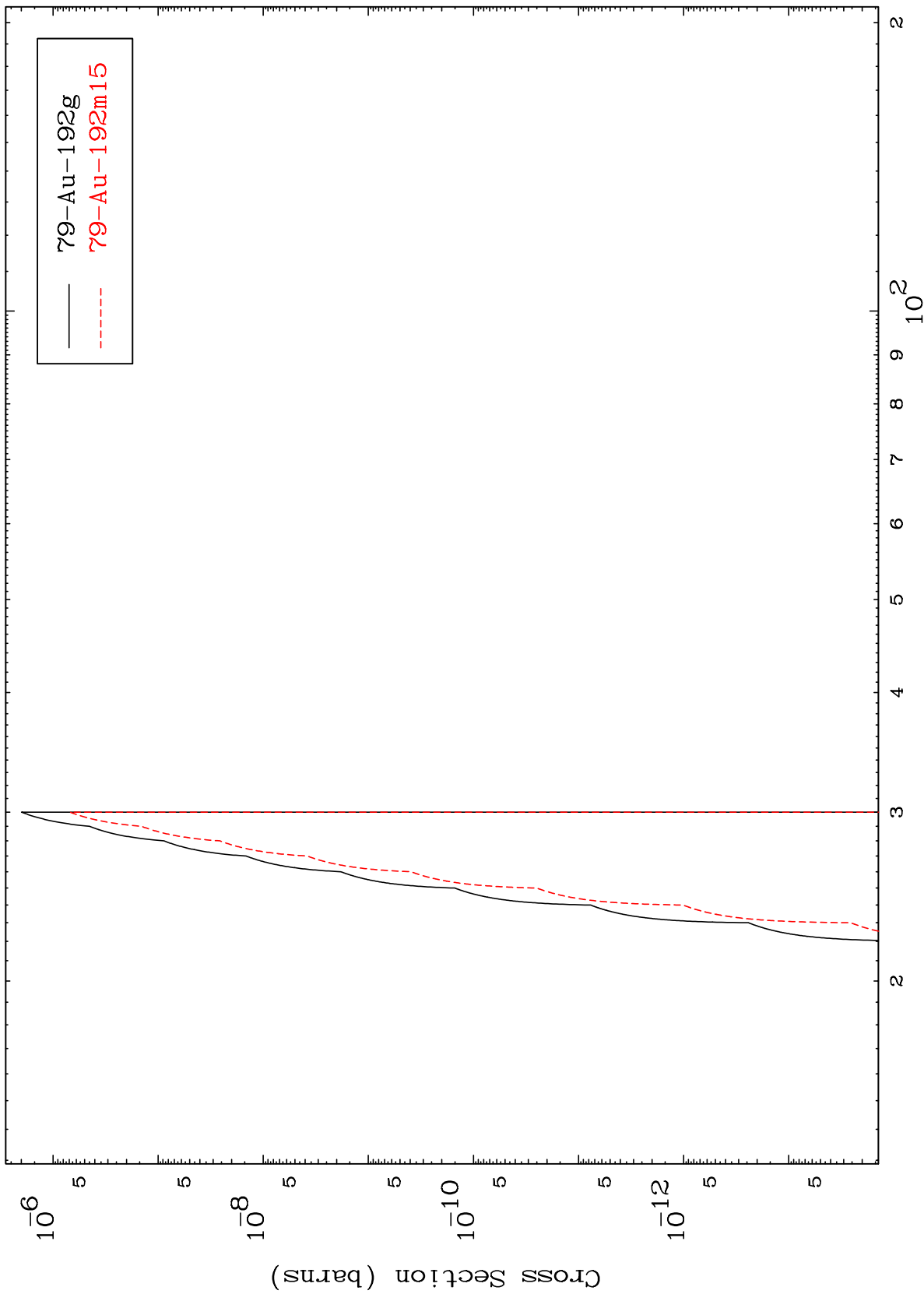
— 79-Au-193g  
- - - 79-Au-193m4

MAT 8110

(n,3n)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section

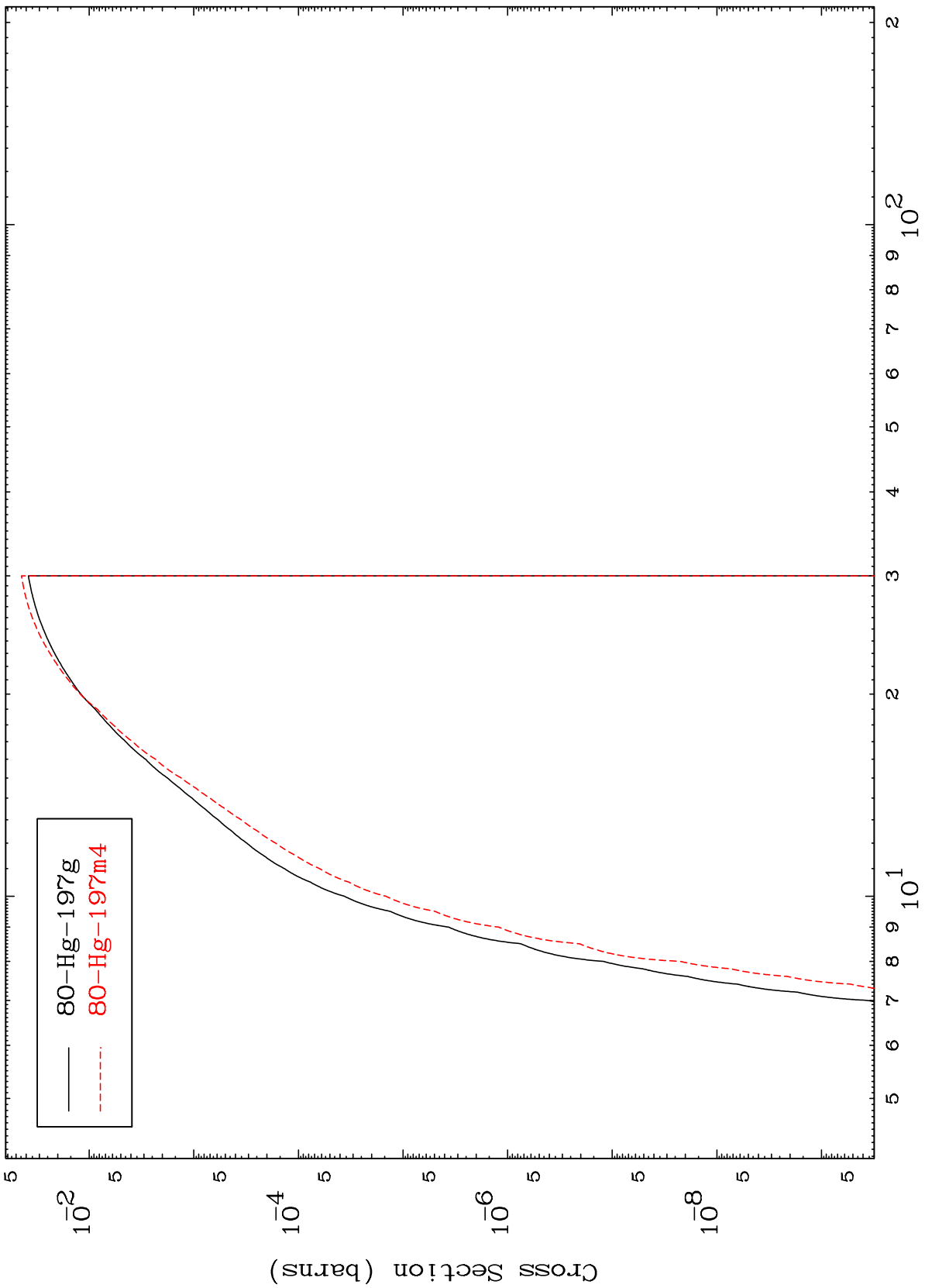


89

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section

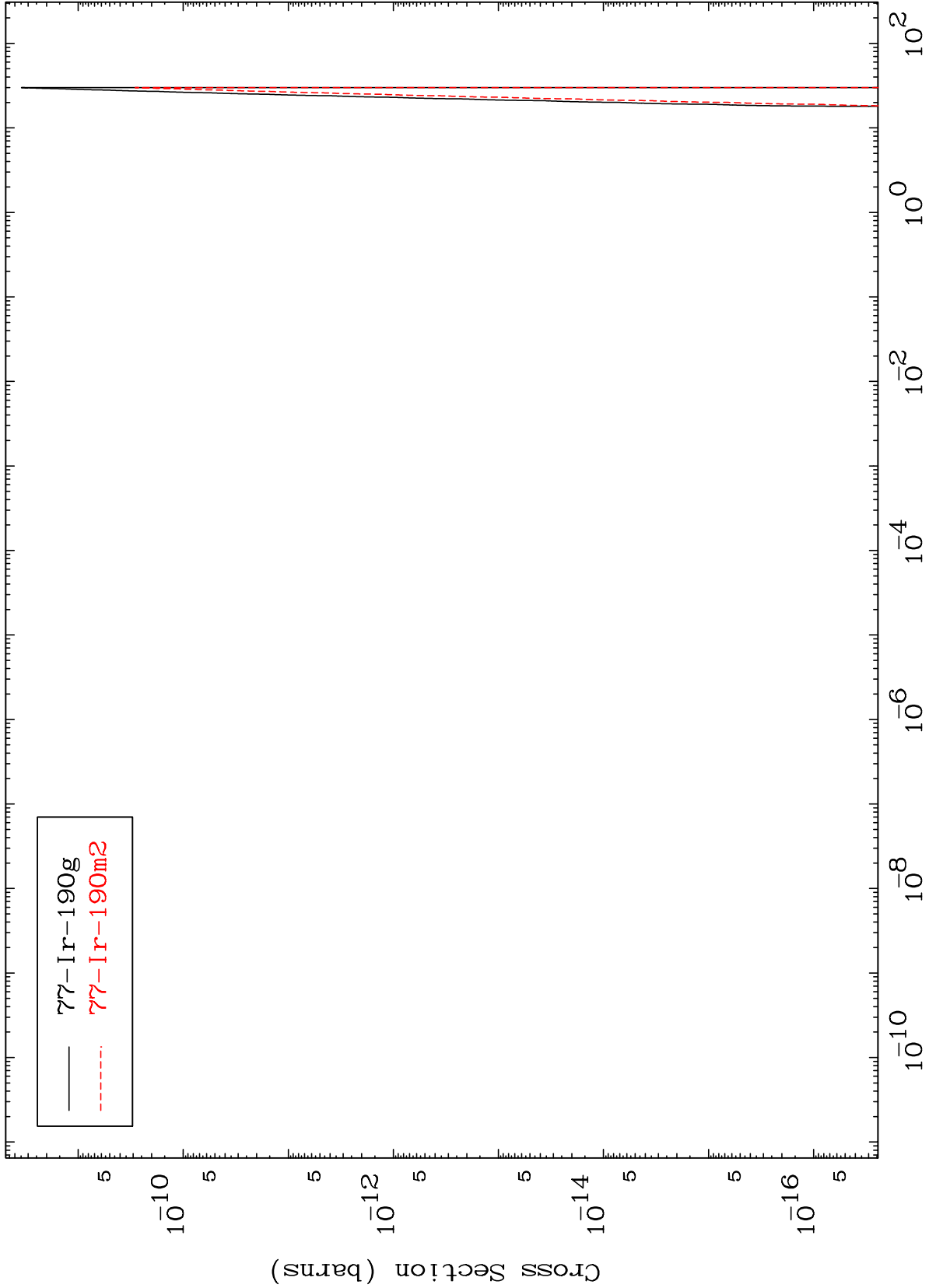


MAT 8110

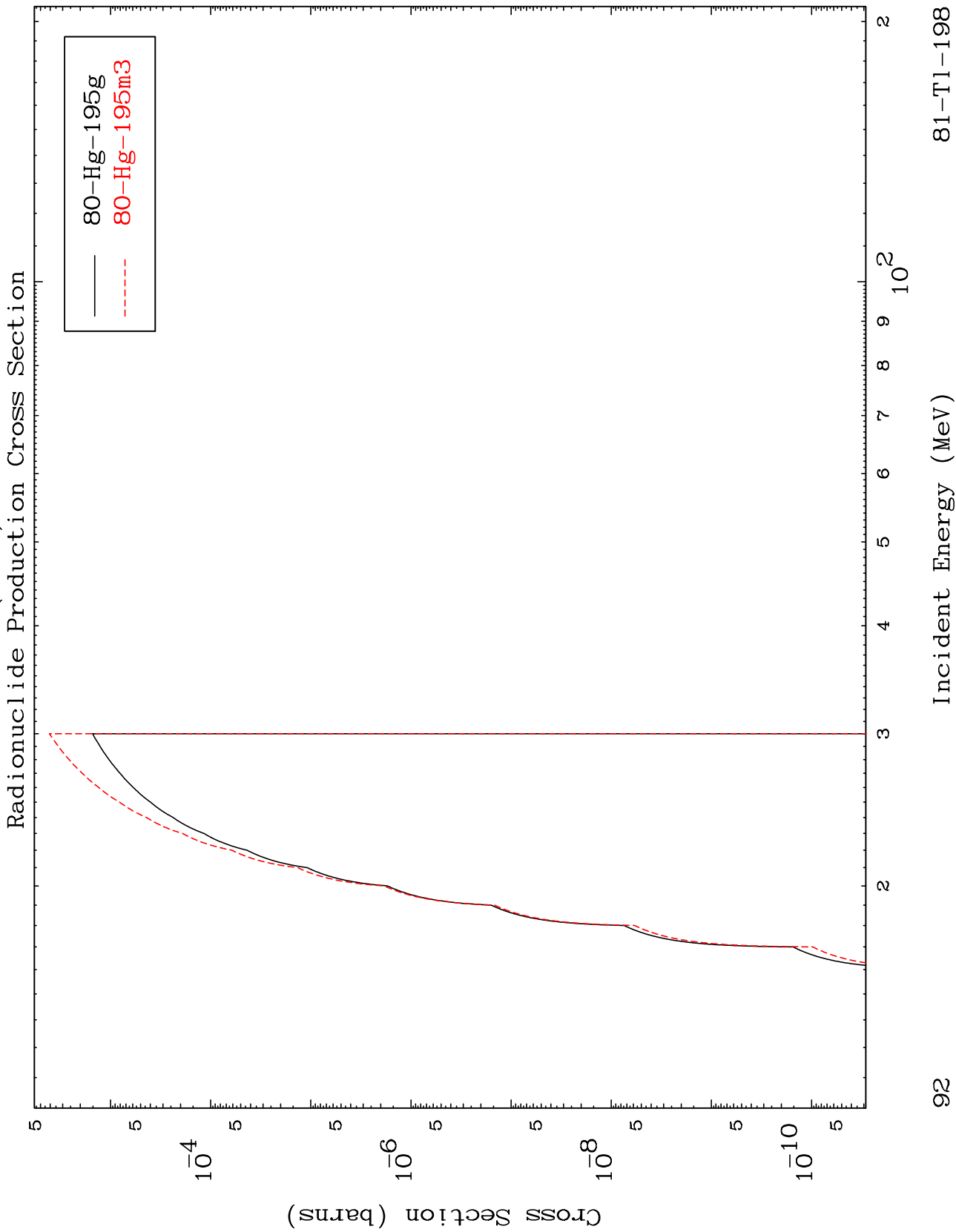
(n,n') 2α

81-Tl-198

Radionuclide Production Cross Section



—  $^{77}\text{Ir-190g}$   
- - -  $^{77}\text{Ir-190m2}$

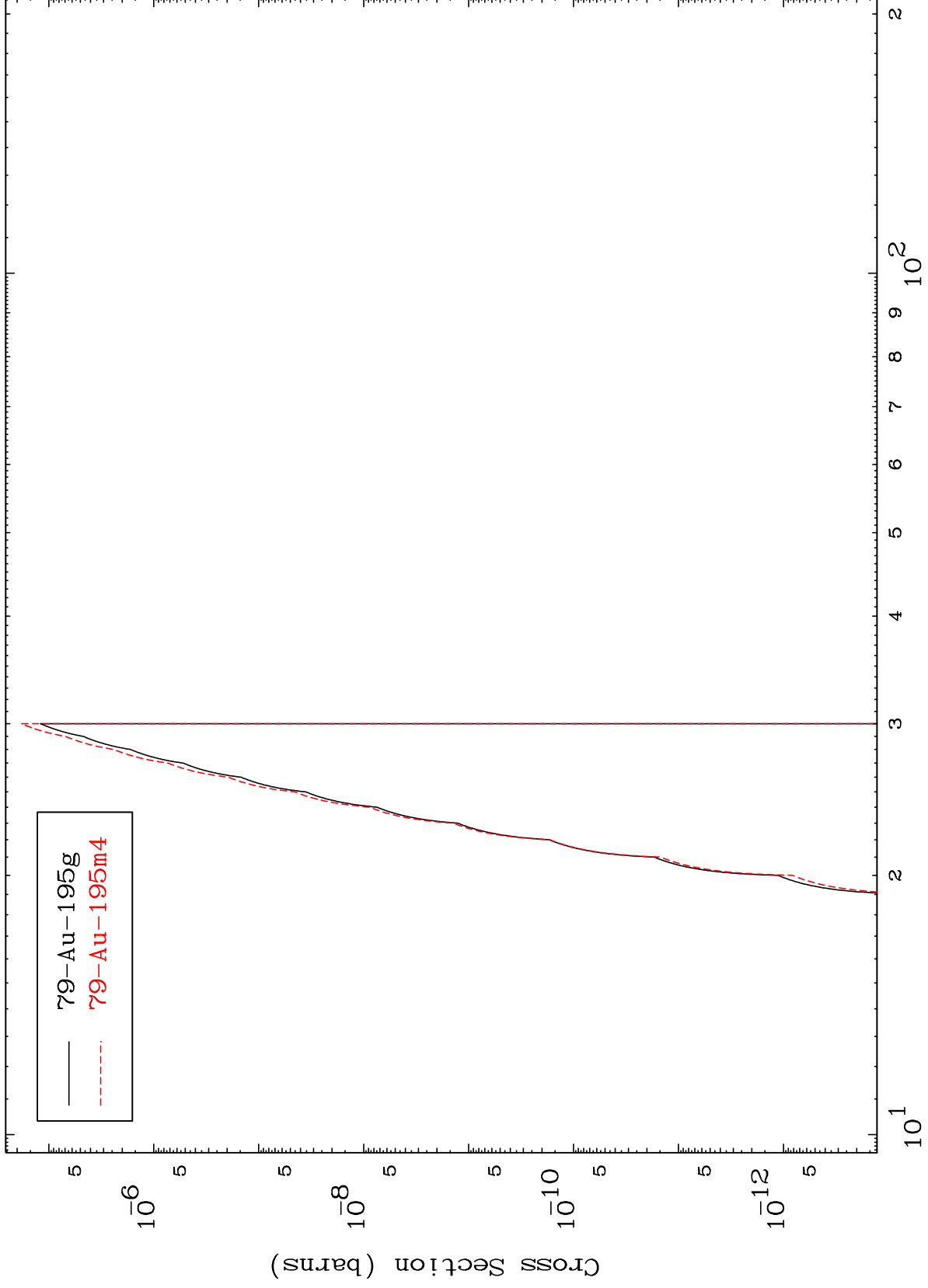


MAT 8110

(n,n') He-3

81-T1-198

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

93

Incident Energy (MeV)

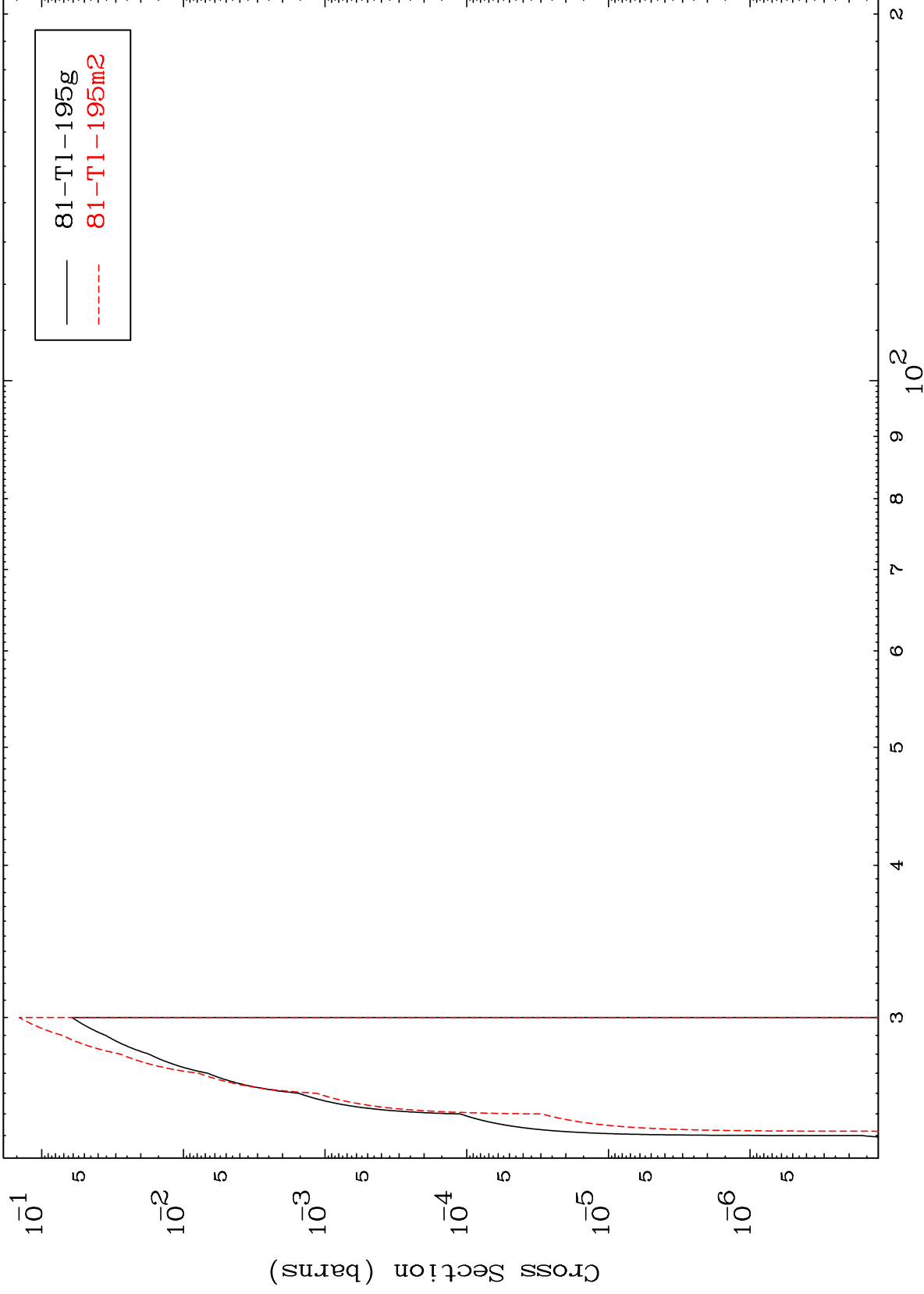
81-T1-198

MAT 8110

(n,4n)

81-Tl-198

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

94

Incident Energy (MeV)

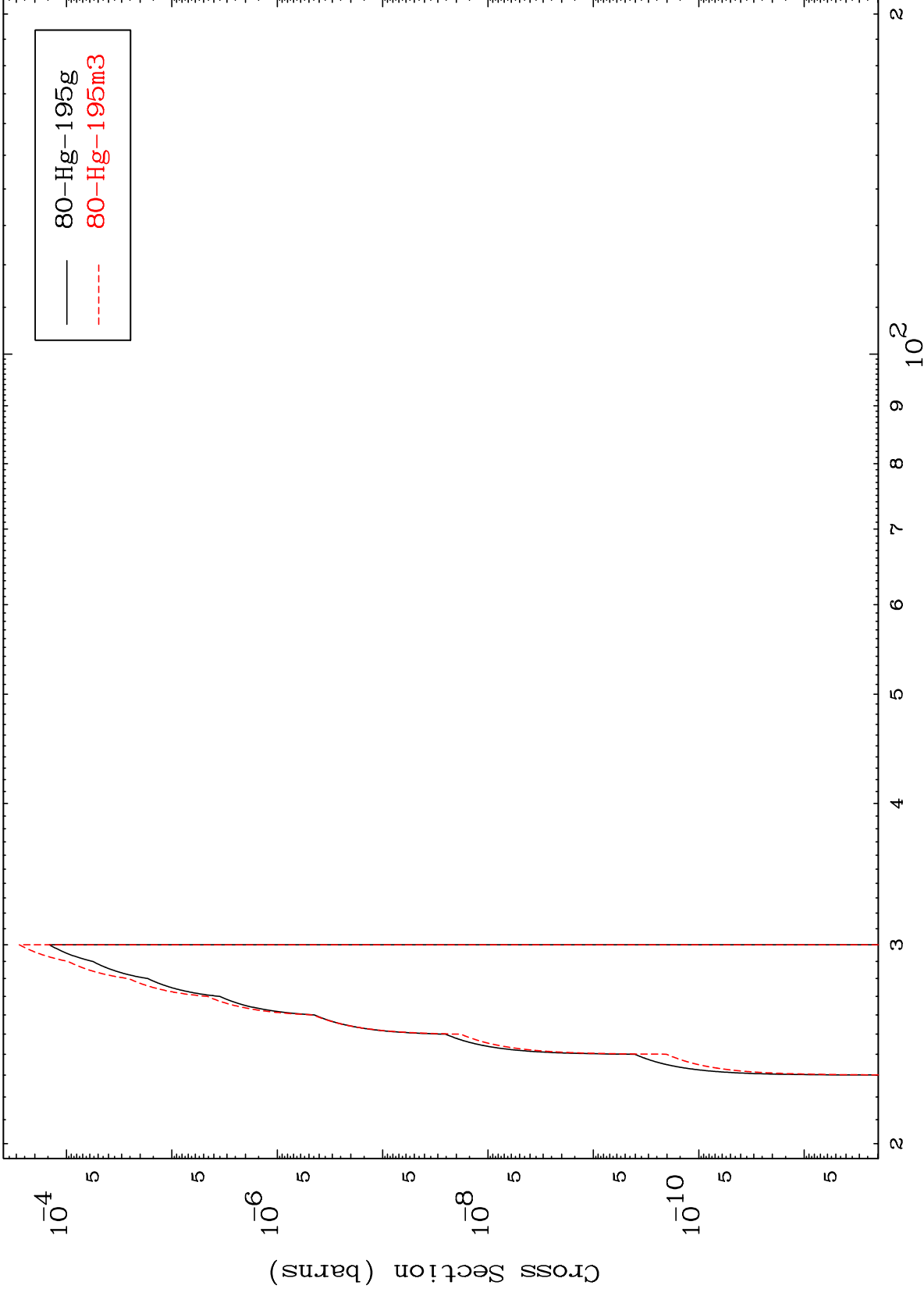
81-Tl-198

MAT 8110

(n,3n) p

81-T1-198

Radionuclide Production Cross Section



95

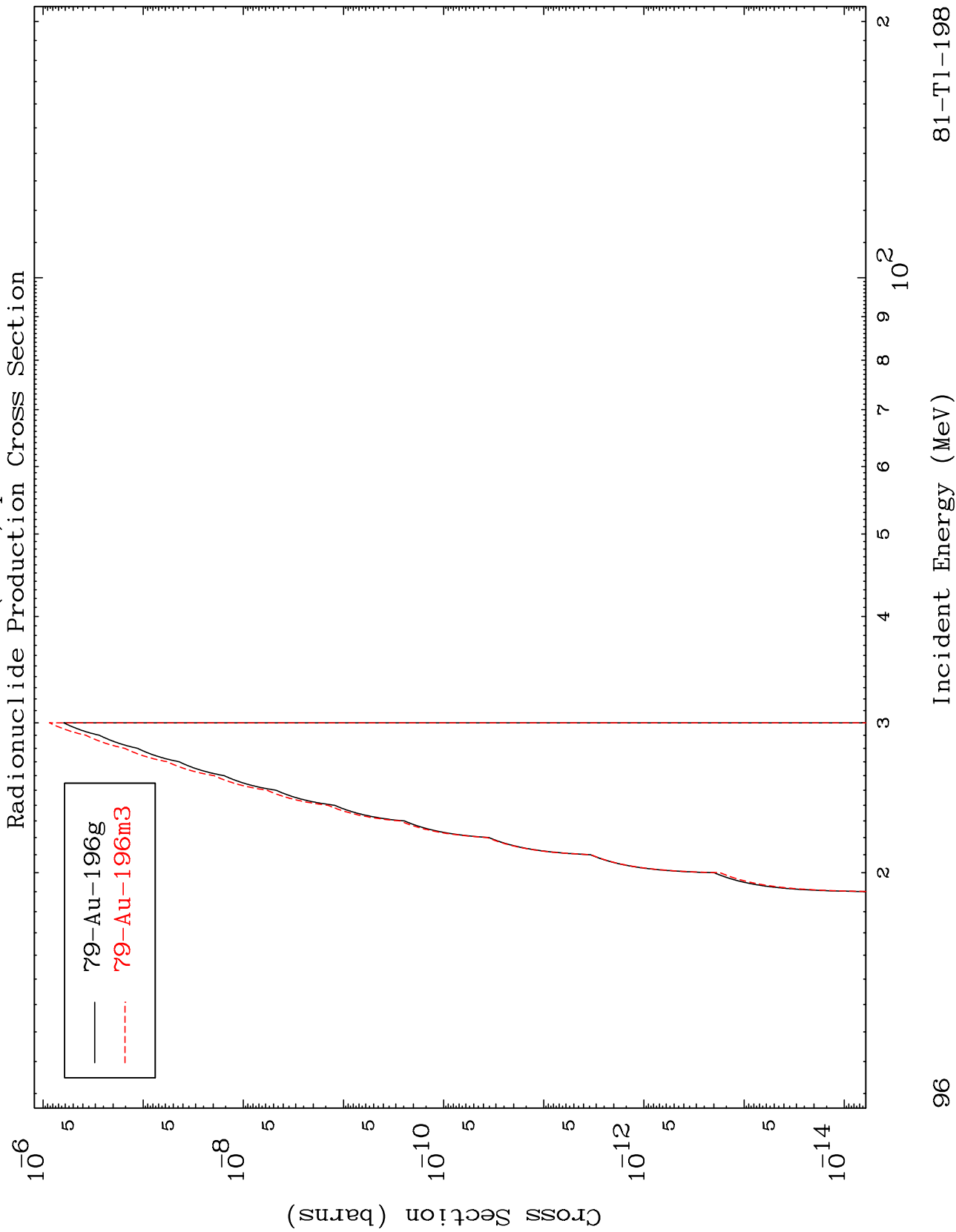
Incident Energy (MeV)

81-T1-198

MAT 8110

(n,2n) p

81-Tl-198

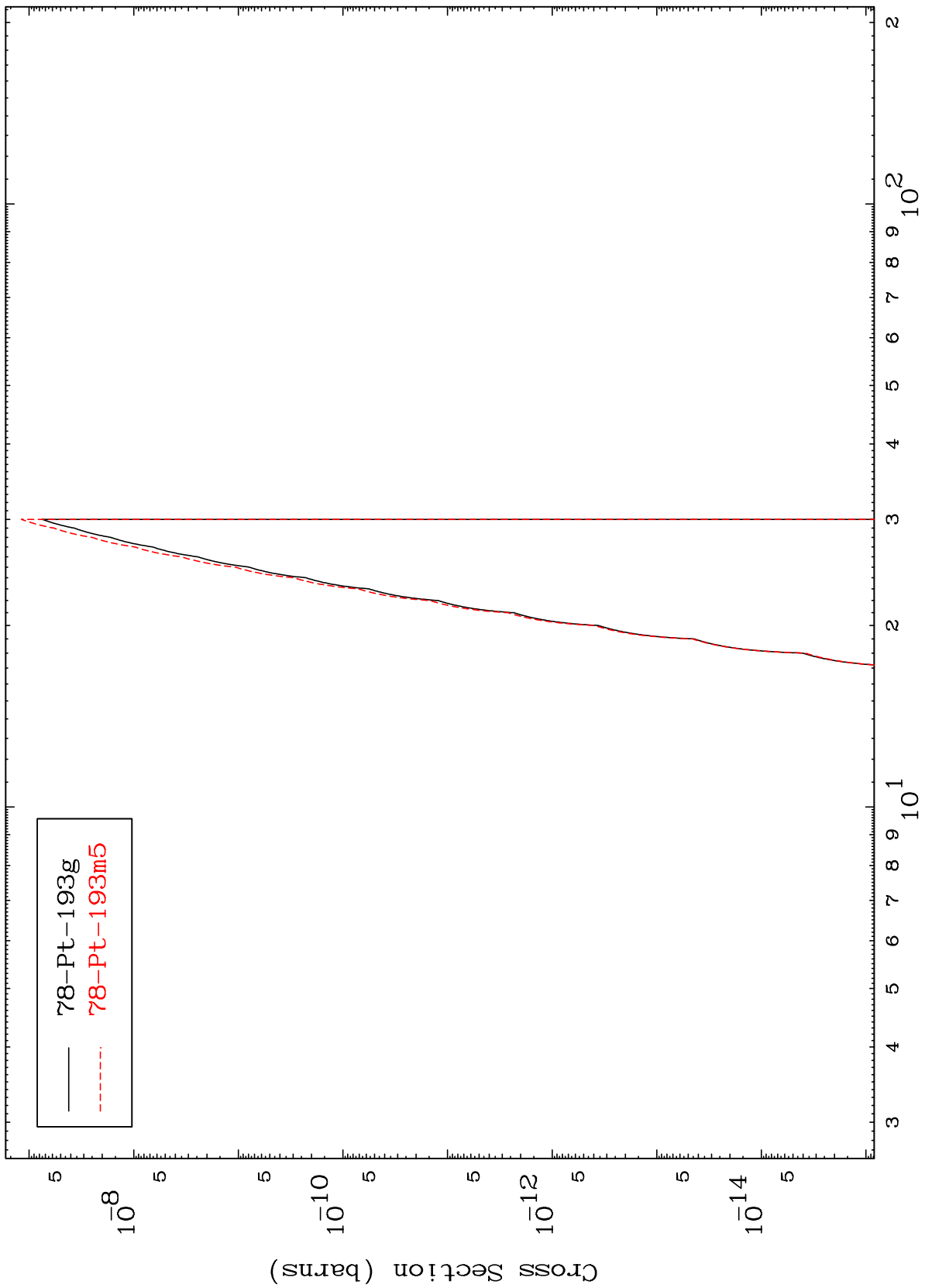


MAT 8110

(n,n') p  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



97

Incident Energy (MeV)

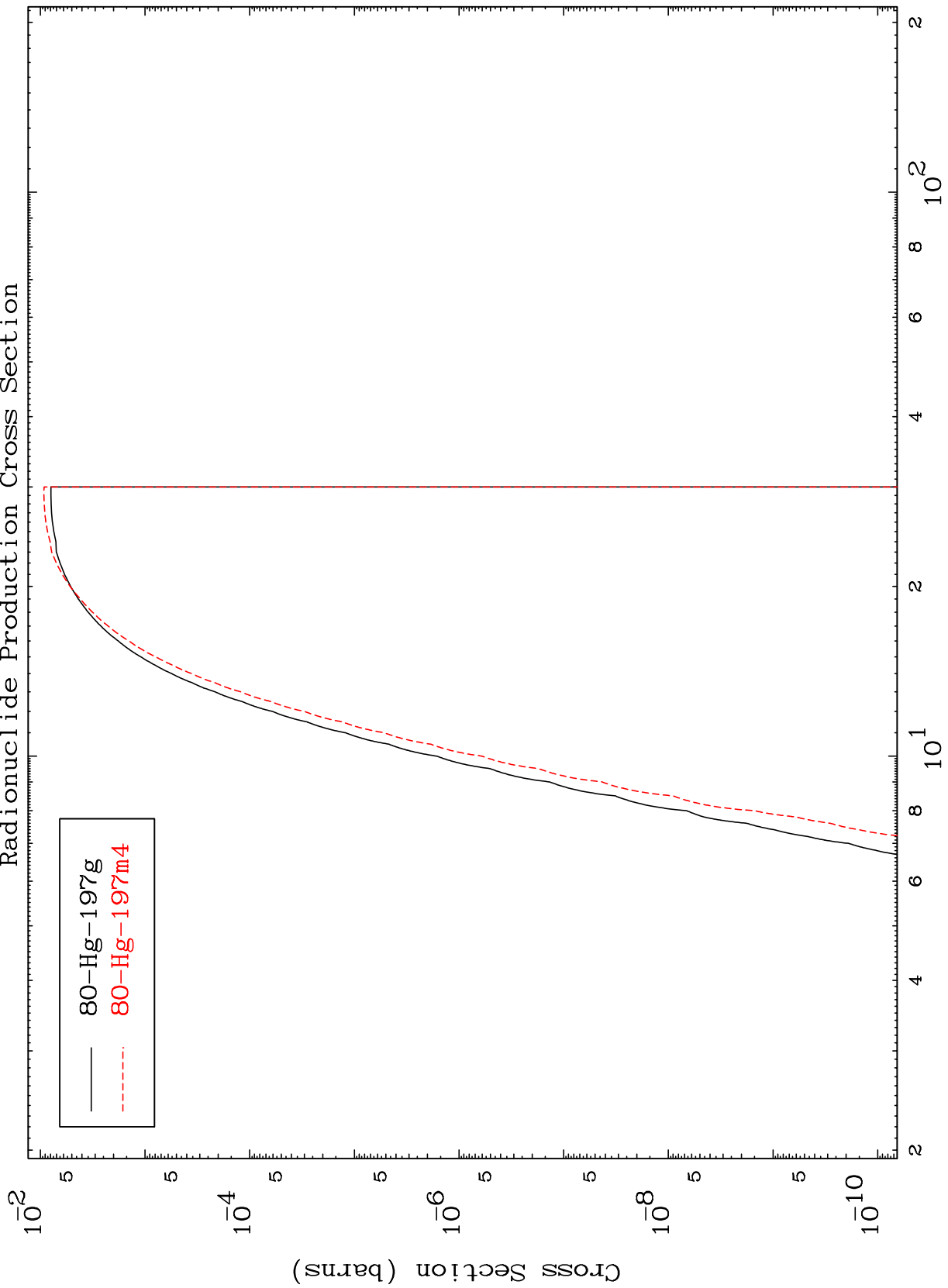
81-Tl-198

MAT 8110

(n,d)

81-Tl-198

Radionuclide Production Cross Section



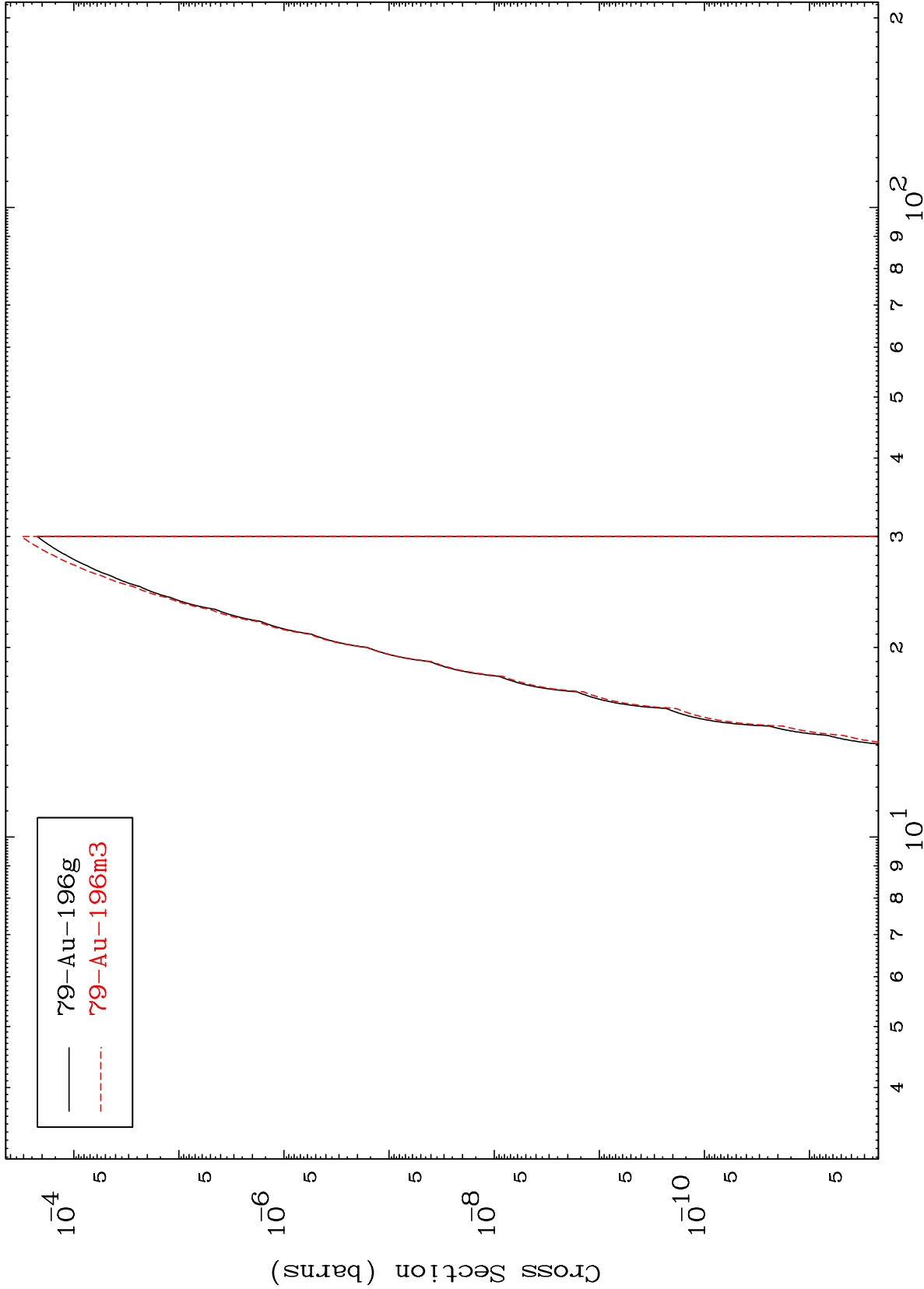
98

Incident Energy (MeV)

81-Tl-198

(n,He-3)

Radionuclide Production Cross Section

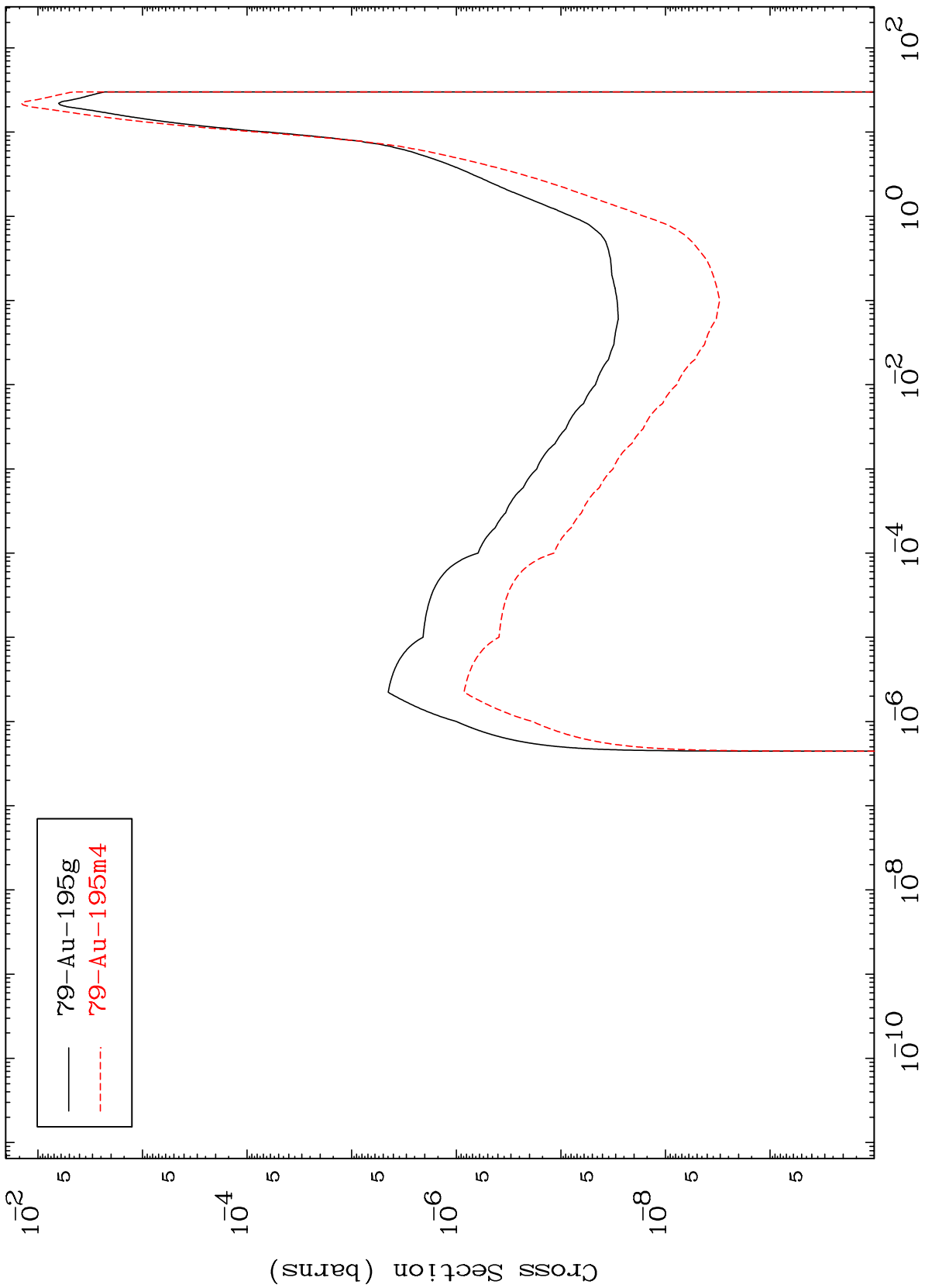


MAT 8110

(n,  $\alpha$ )

81-Tl-198

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

100

Incident Energy (MeV)

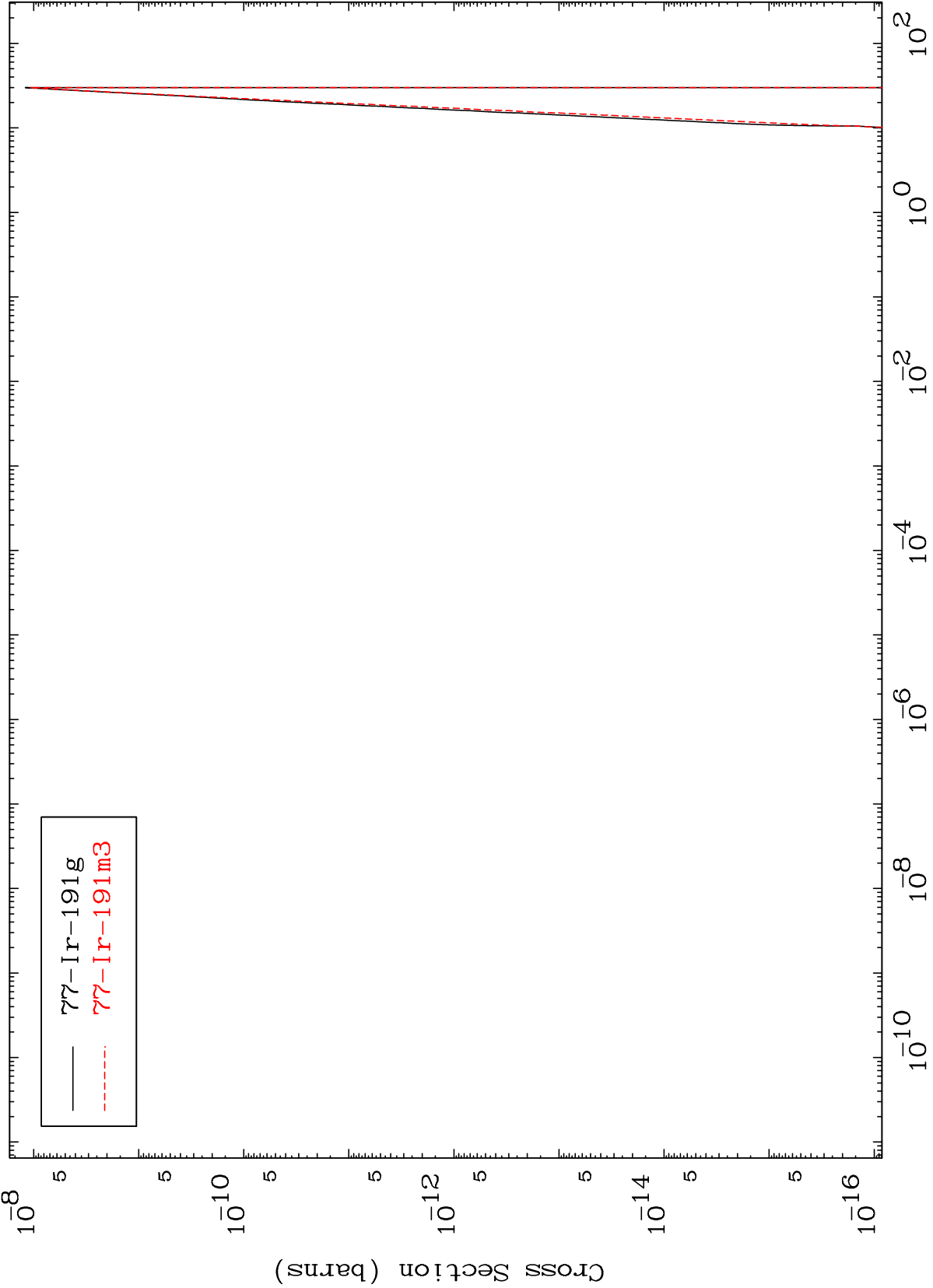
81-Tl-198

MAT 8110

(n,2α)

81-Tl-198

Radionuclide Production Cross Section



—  $^{77}\text{Ir-191g}$   
- - -  $^{77}\text{Ir-191m3}$

101

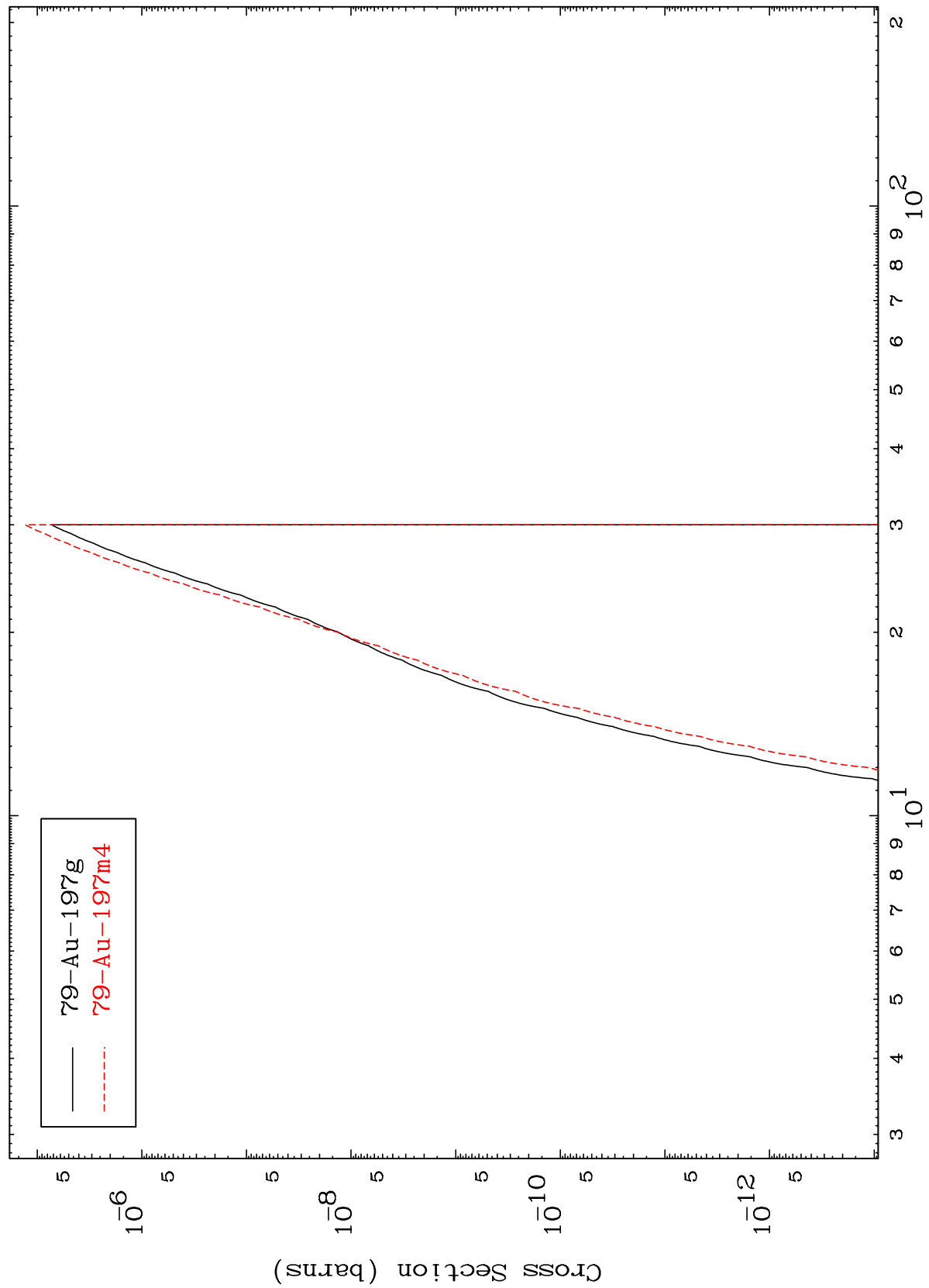
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

Radionuclide Production Cross Section  
(n,2p)



102

Incident Energy (MeV)

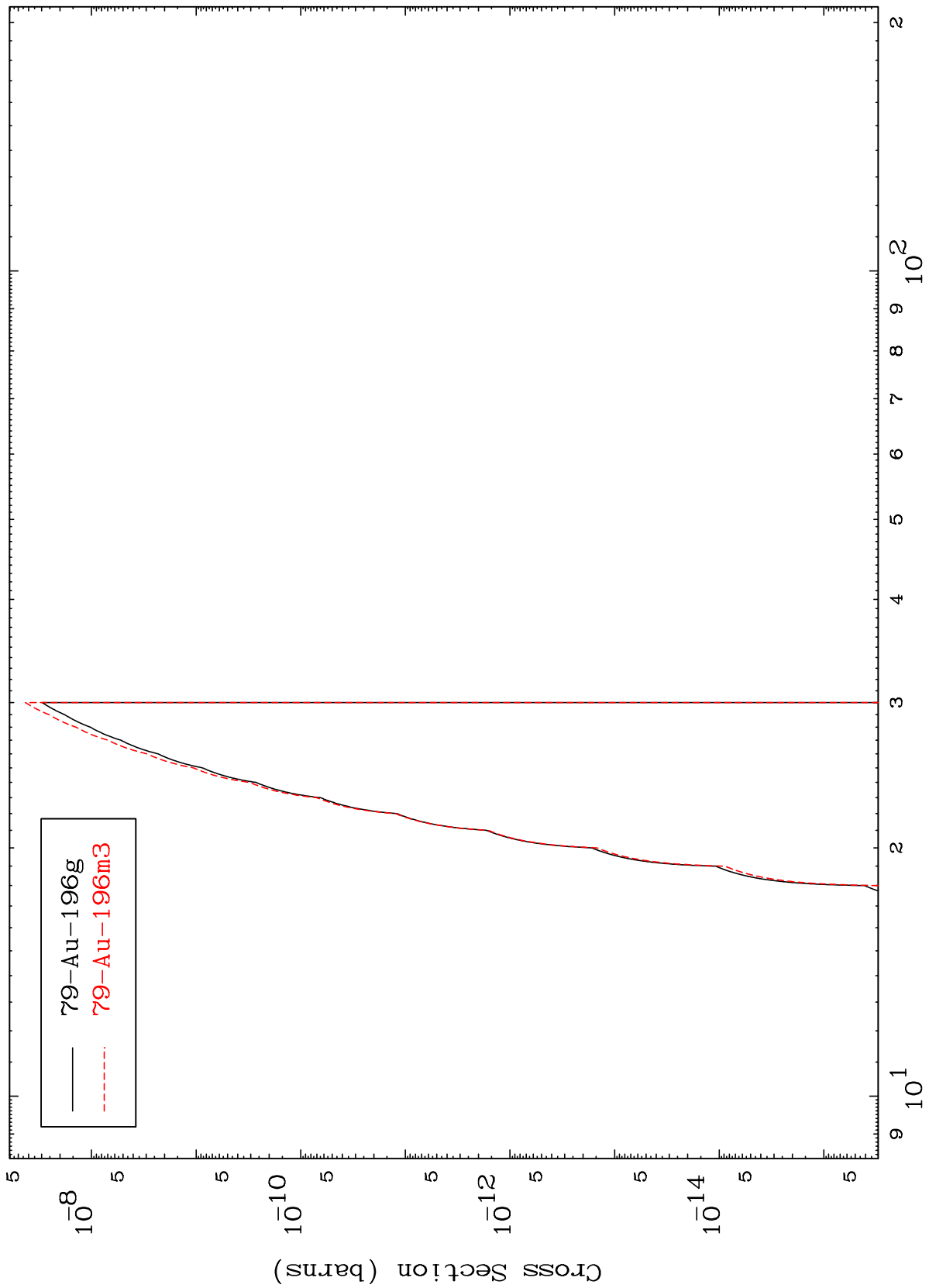
81-Tl-198

MAT 8110

(n,p) d

81-Tl-198

Radionuclide Production Cross Section



103

Incident Energy (MeV)

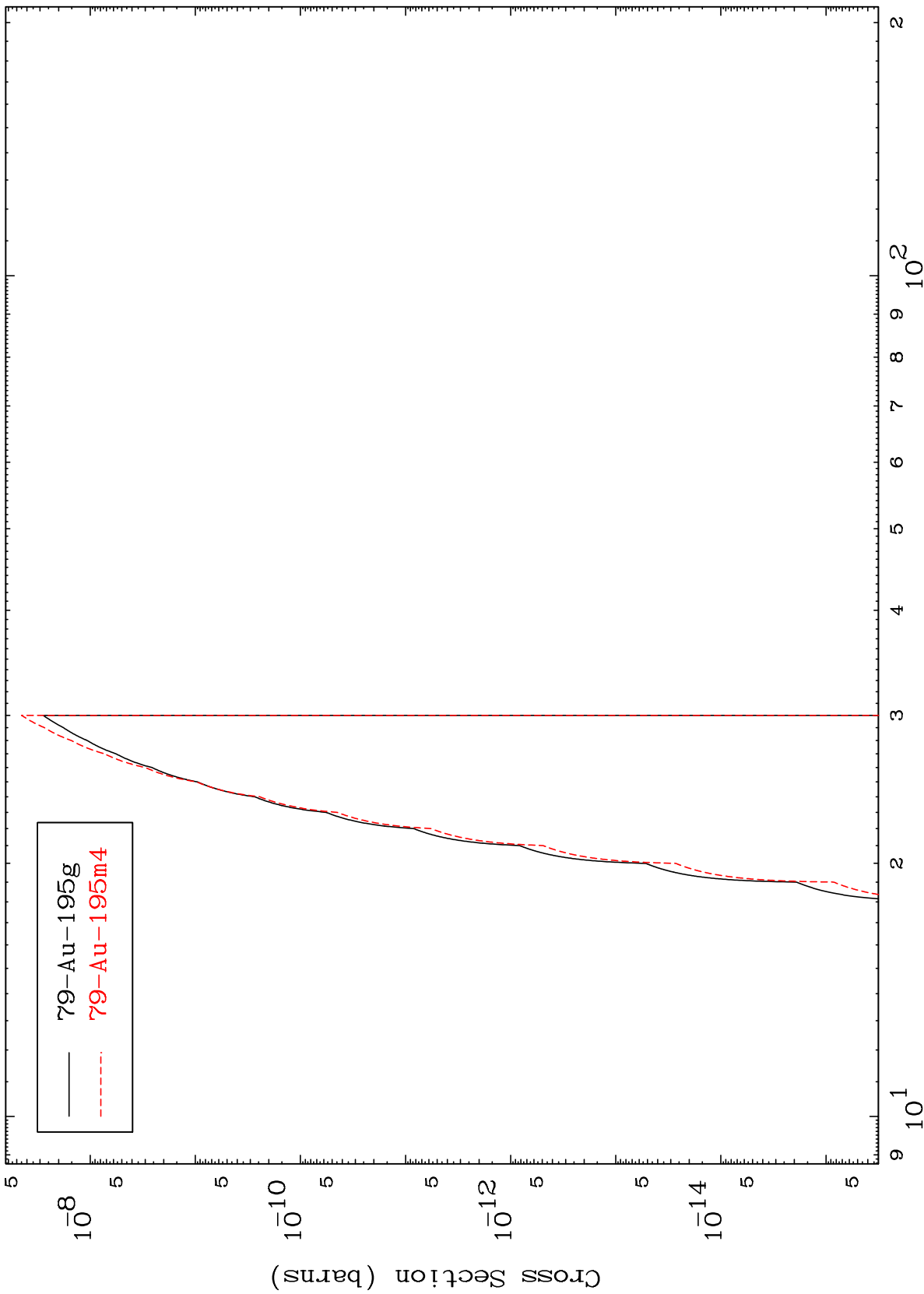
81-Tl-198

MAT 8110

(n,p) t

81-Tl-198

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

Incident Energy (MeV)

81-Tl-198

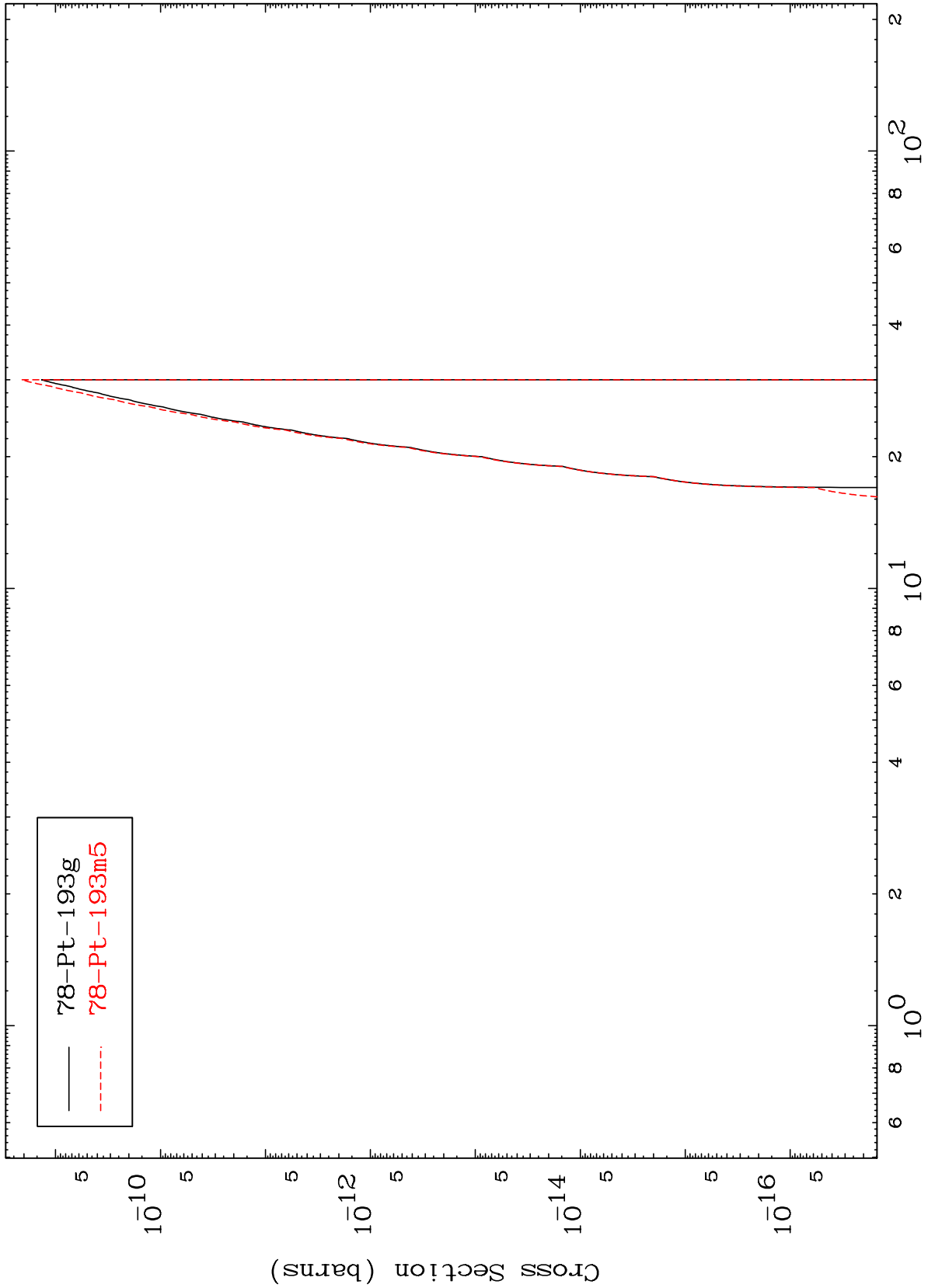
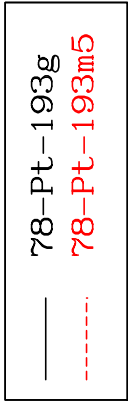
104

MAT 8110

(n,d)  $\alpha$

81-T1-198

Radionuclide Production Cross Section



105

Incident Energy (MeV)

81-T1-198