

Program EVALPLOT  
(Version 2021-1)

by

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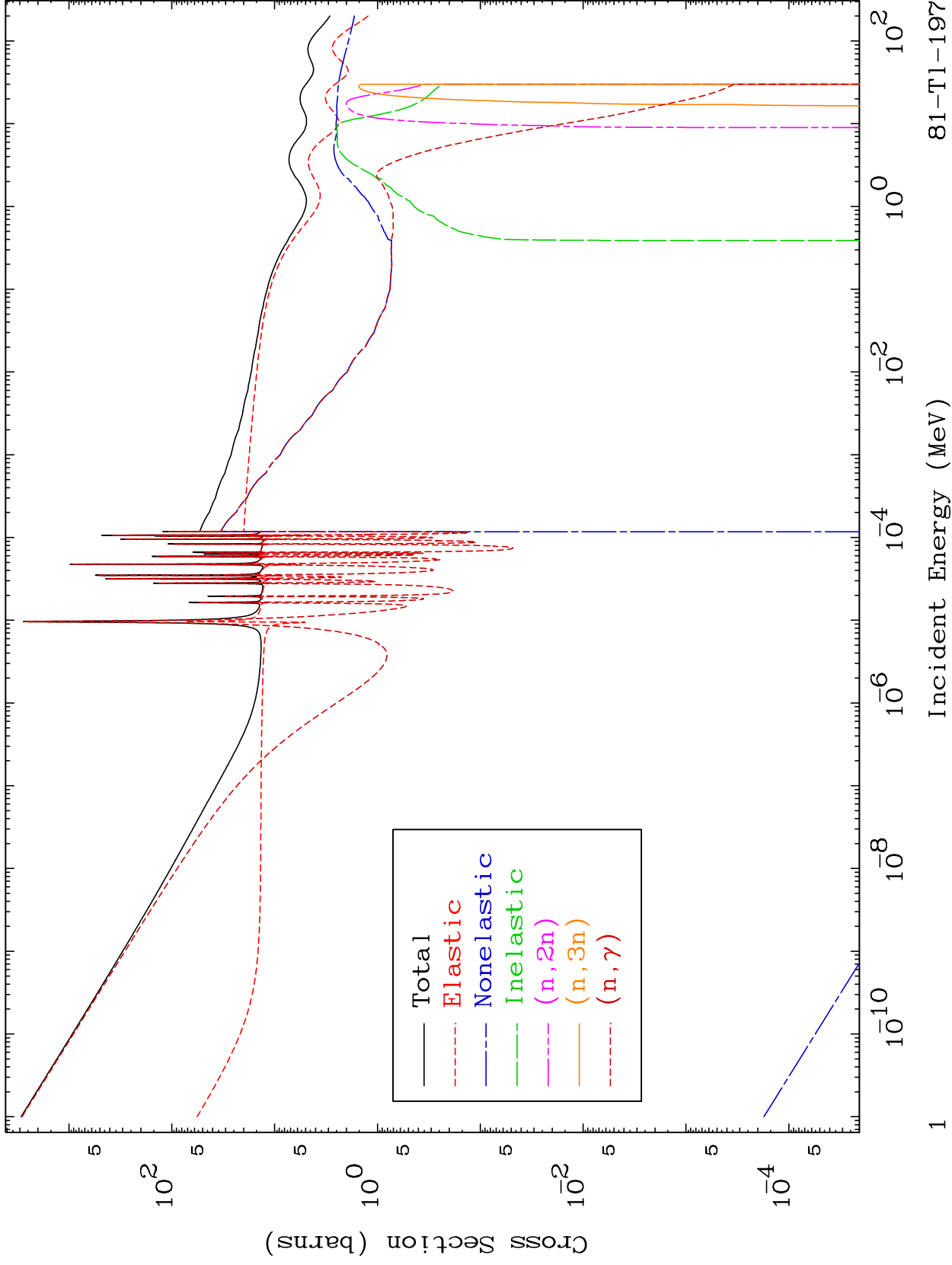
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Press Mouse Button to Start

MAT 8107

Neutron Major  
293 Kelvin Cross Sections

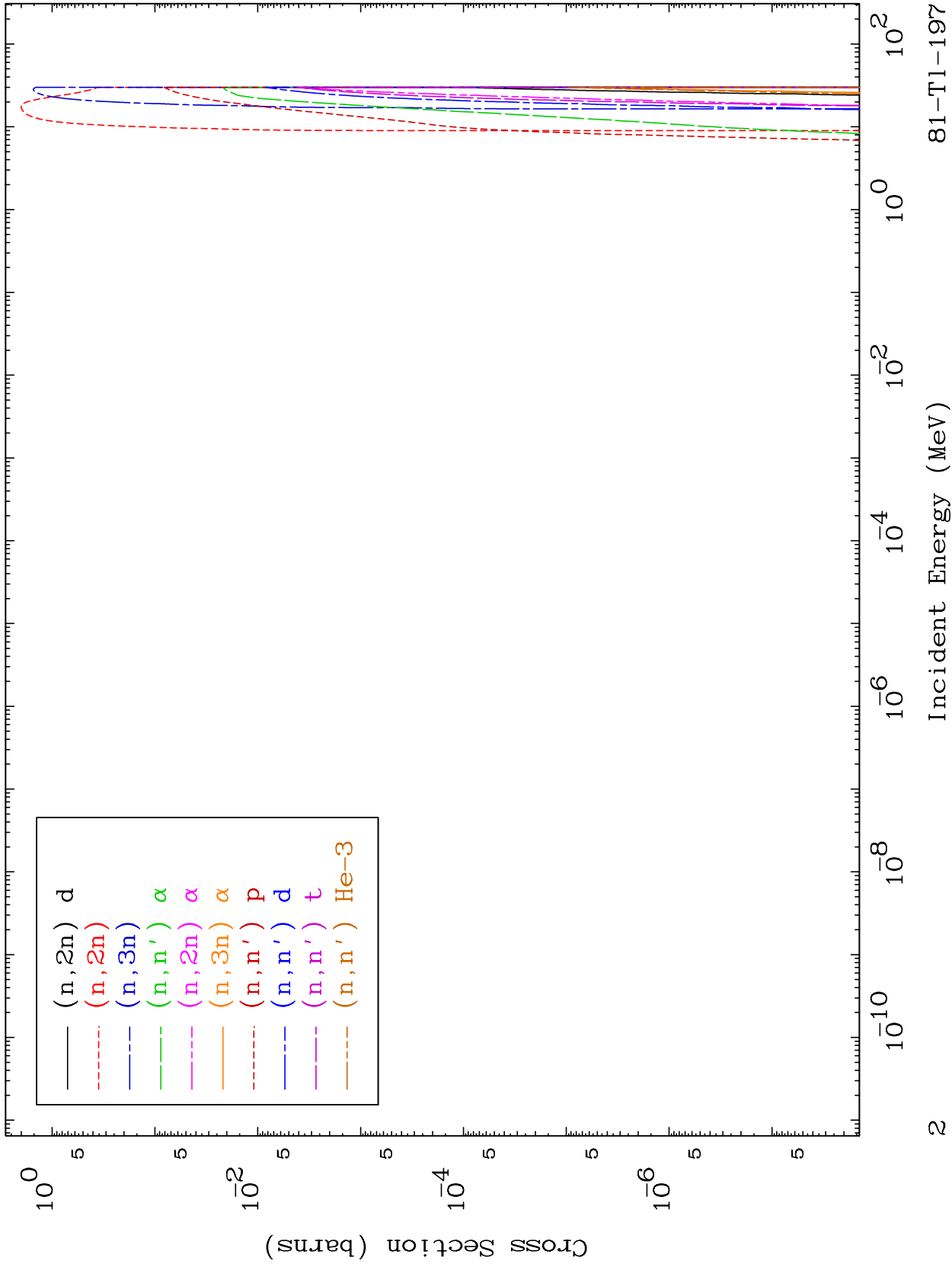
81-T1-197

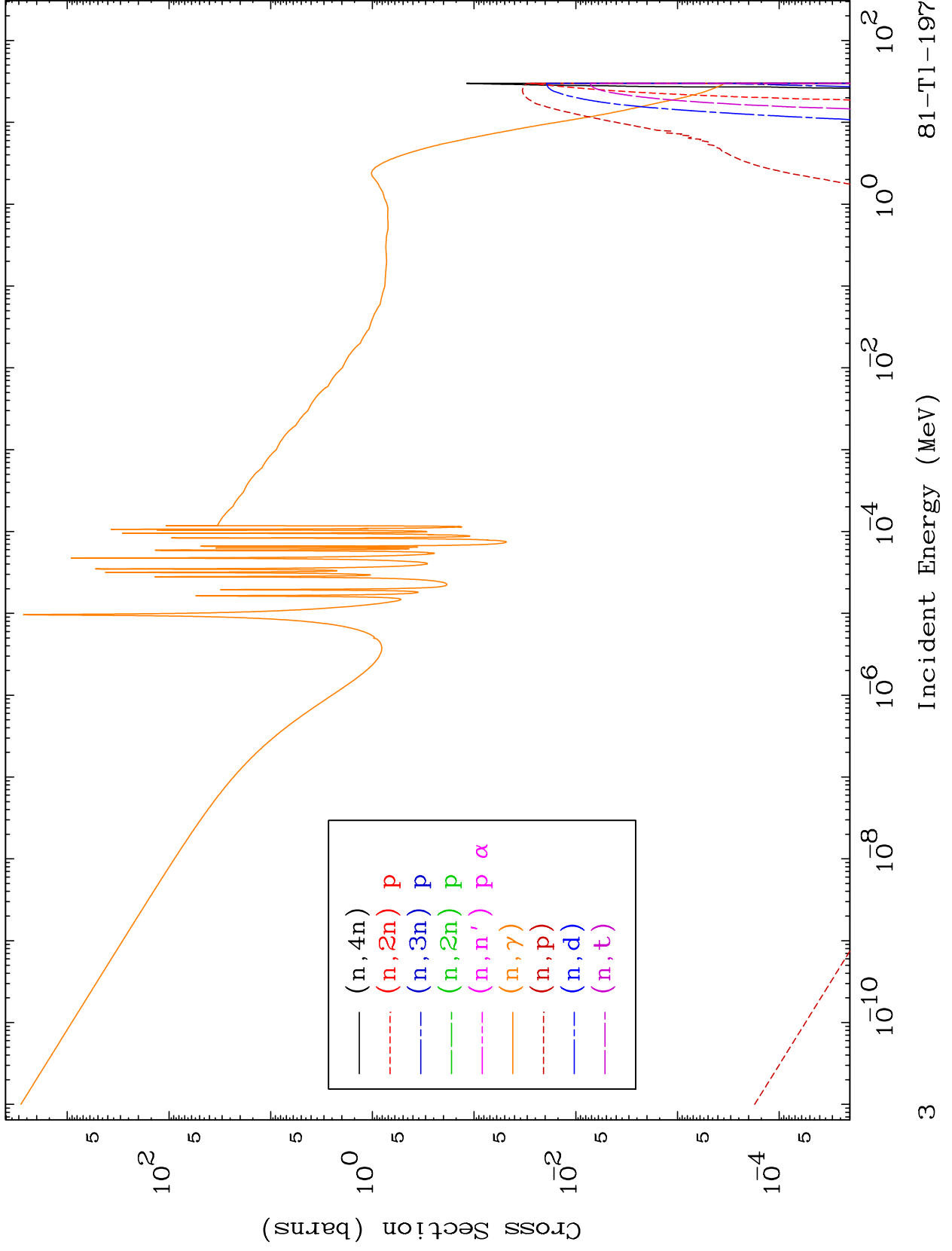


MAT 8107

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-197

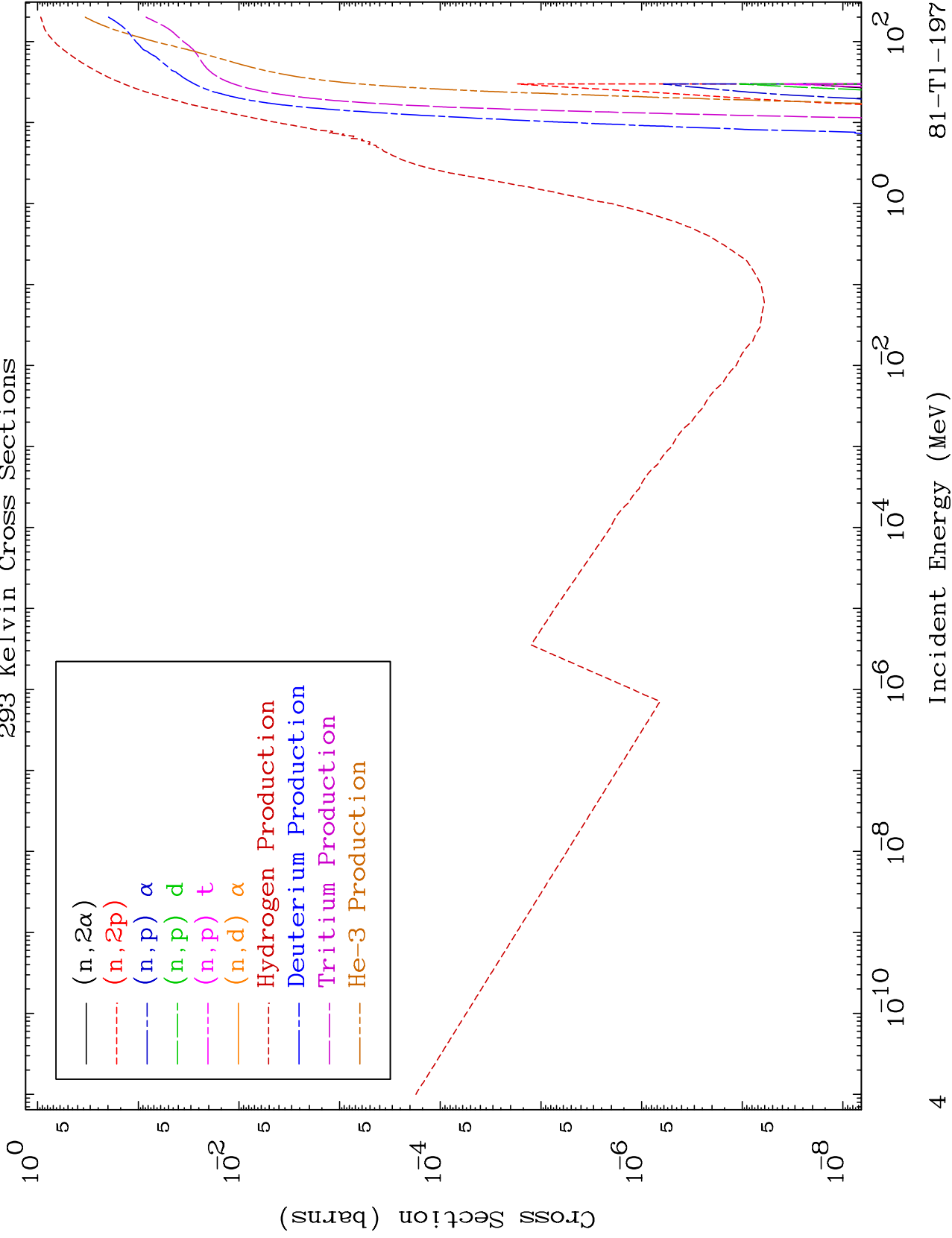




MAT 8107

Neutron Absorption  
293 Kelvin Cross Sections

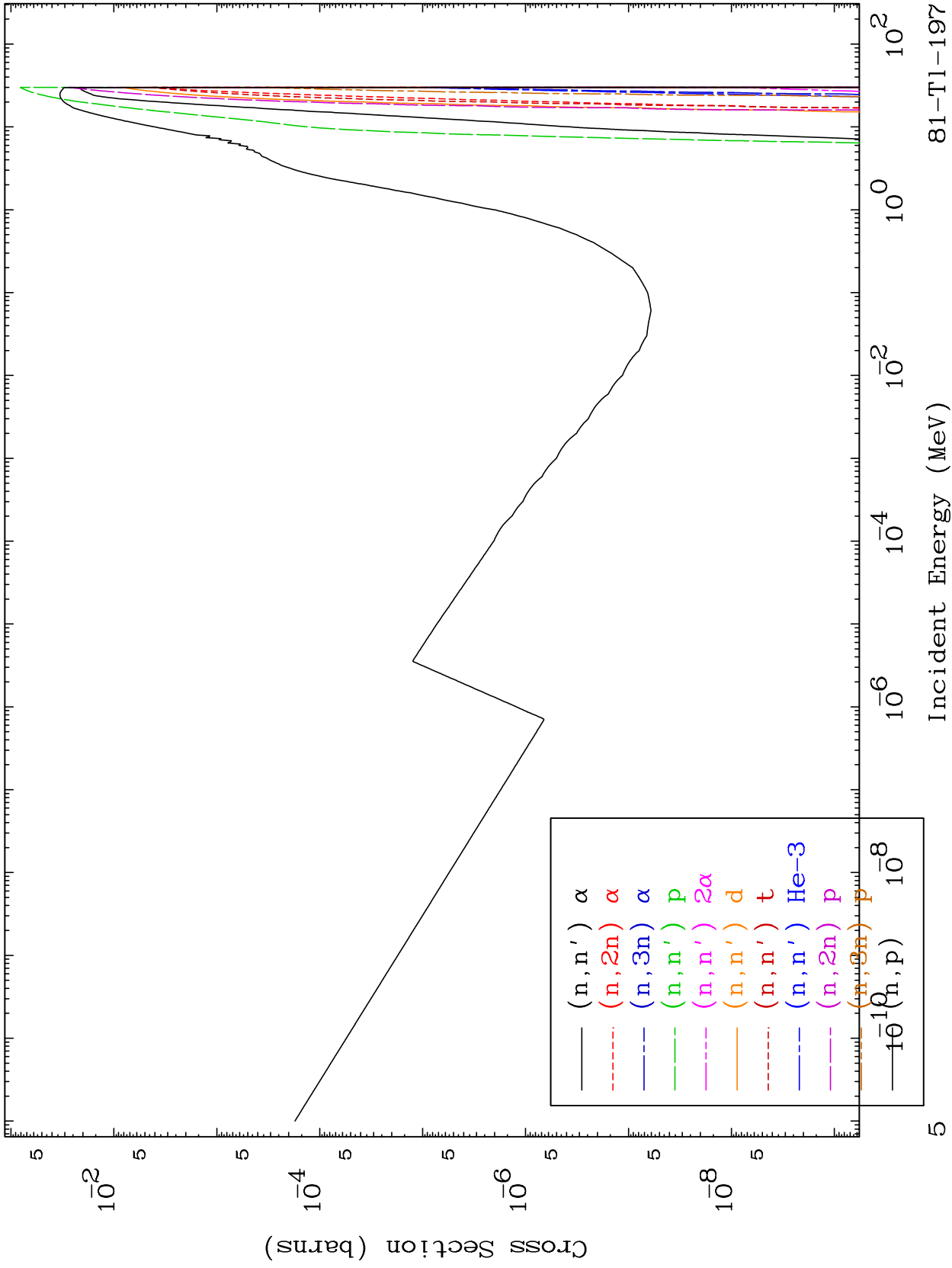
81-T1-197



MAT 8107

Charged Particle  
293 Kelvin Cross Sections

81-Tl-197



81-Tl-197

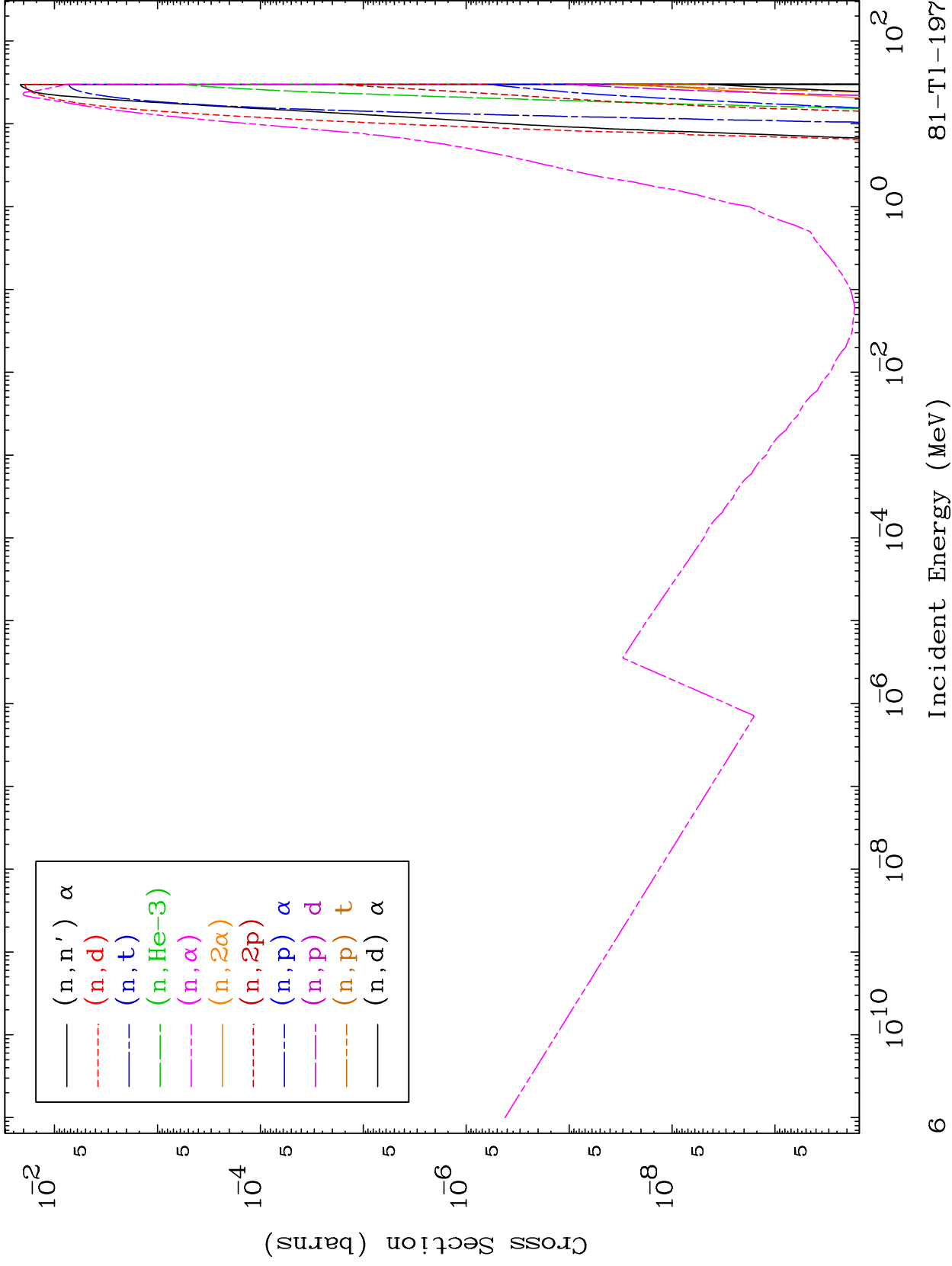
Incident Energy (MeV)

5

MAT 8107

Charged Particle  
293 Kelvin Cross Sections

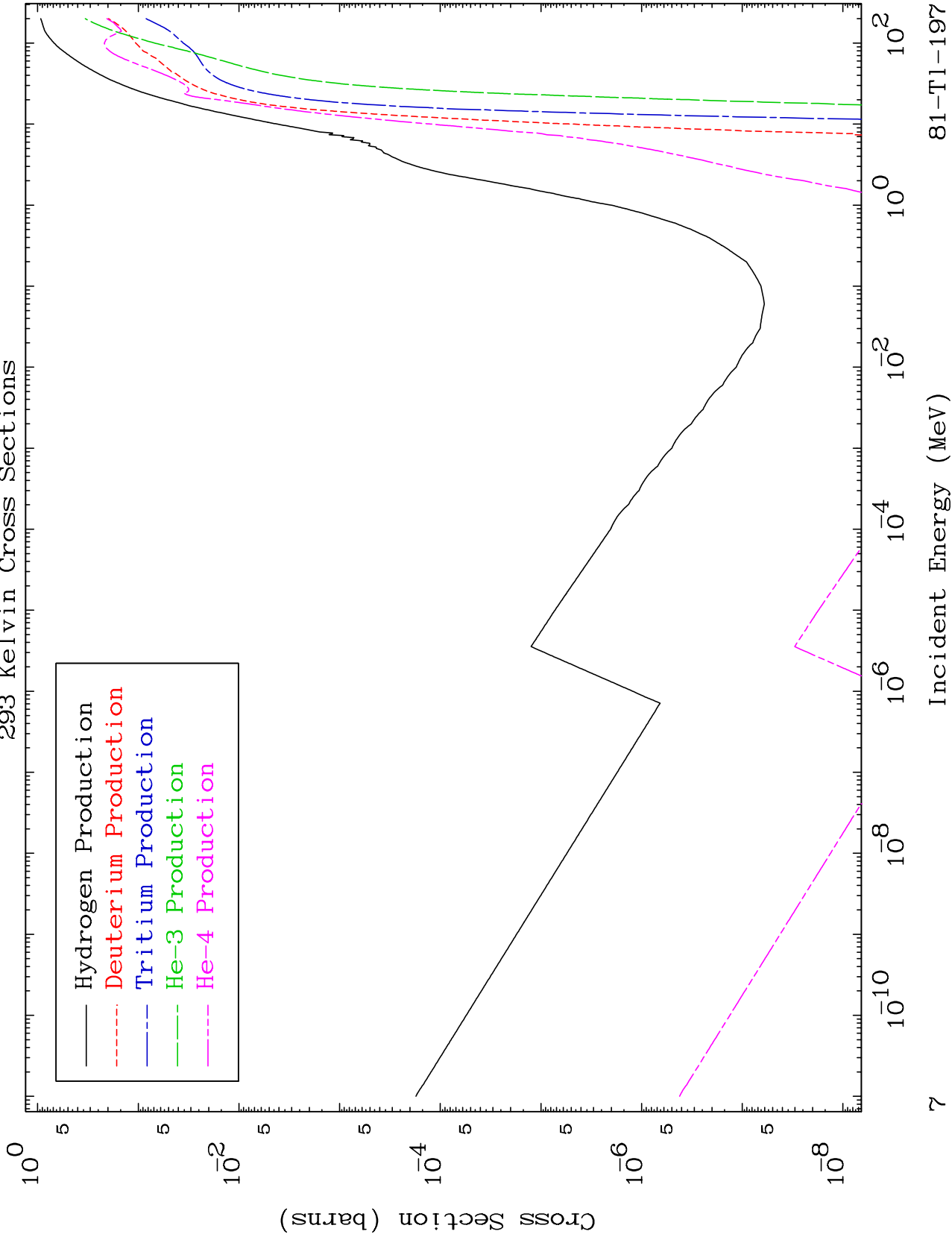
81-Tl-197



MAT 8107

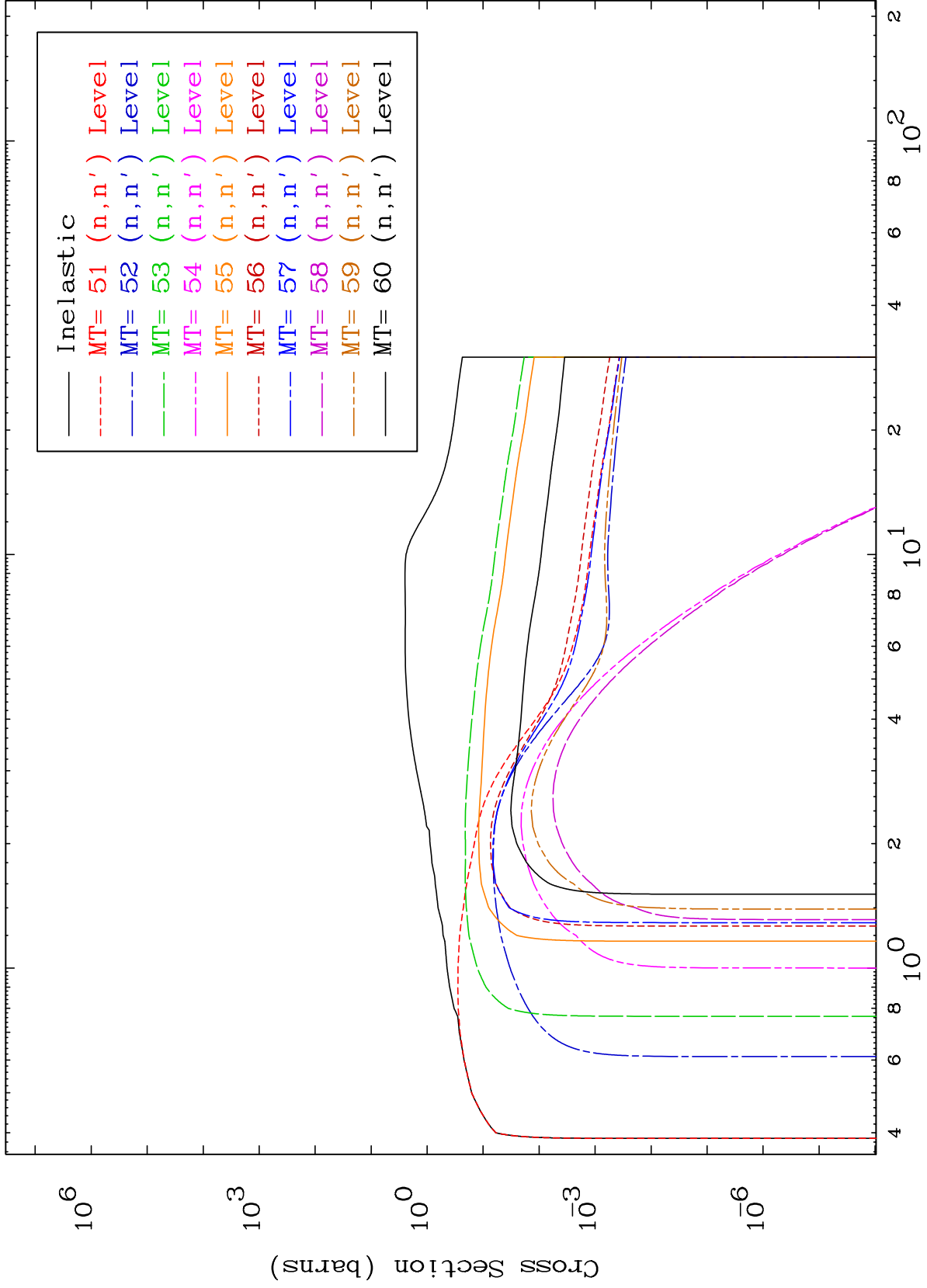
Particle Production  
293 Kelvin Cross Sections

81-Tl-197

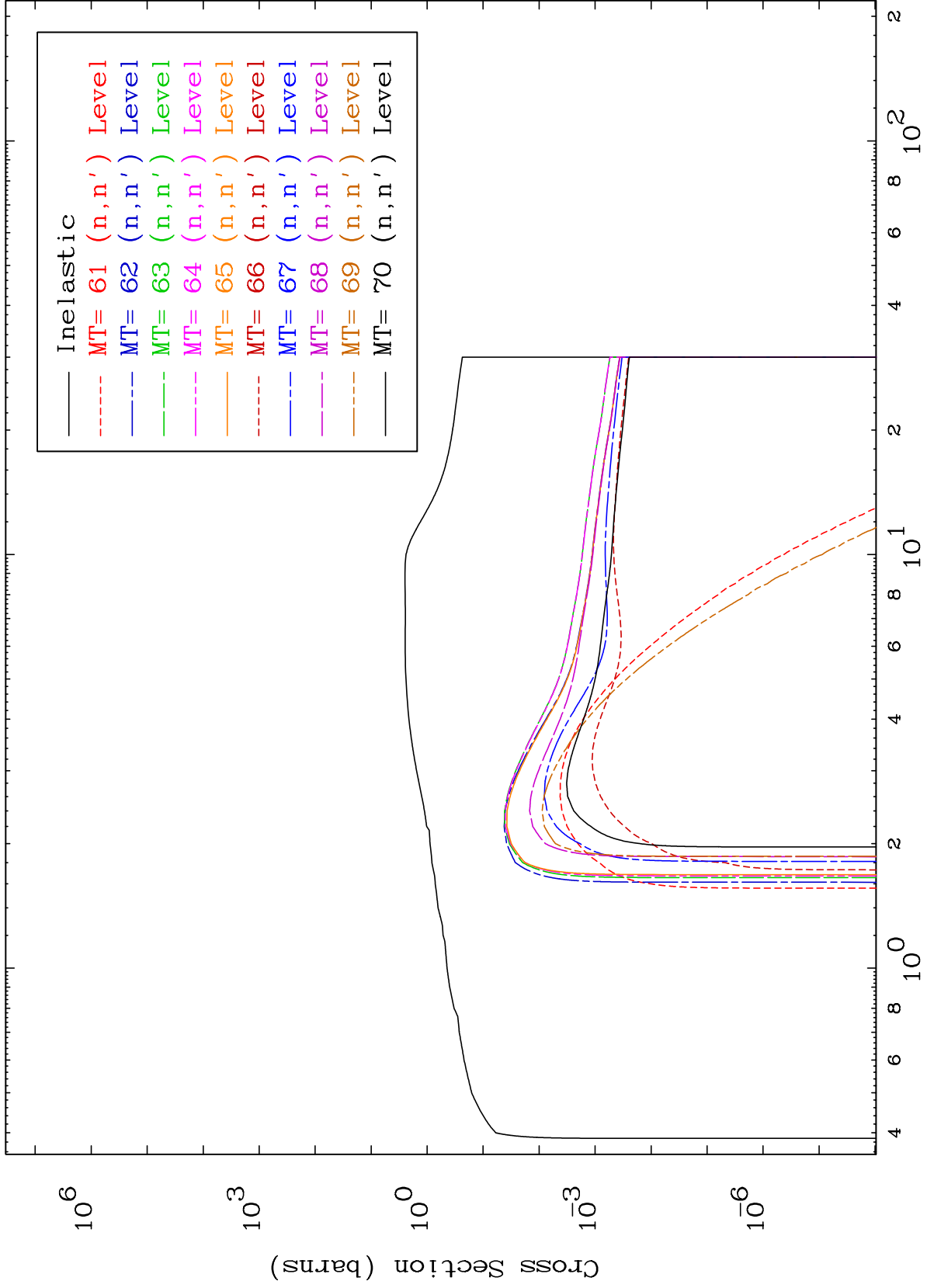




293 Kelvin Cross Sections



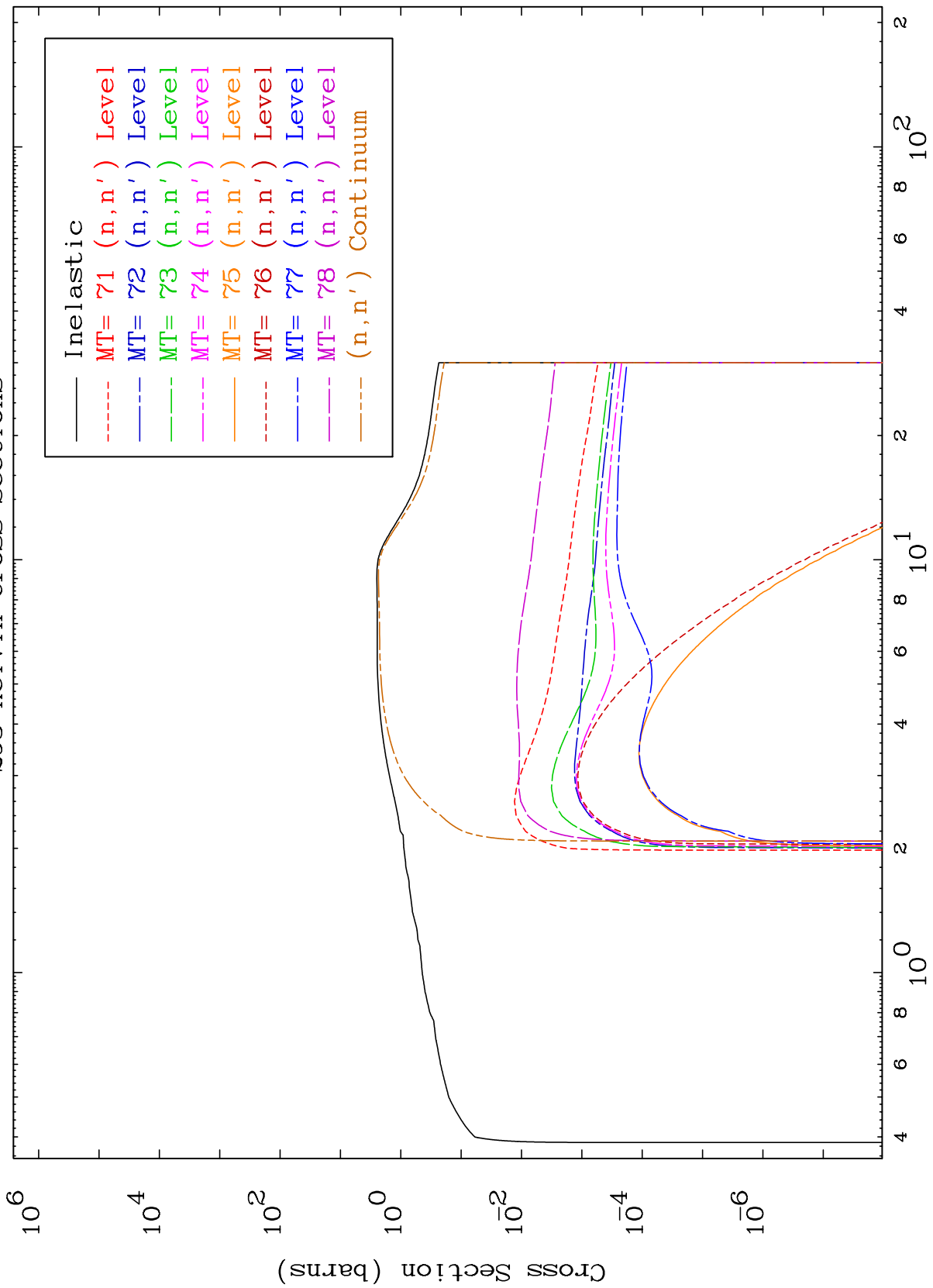
293 Kelvin Cross Sections



MAT 8107

(n,n') Levels  
293 Kelvin Cross Sections

81-Tl-197



10

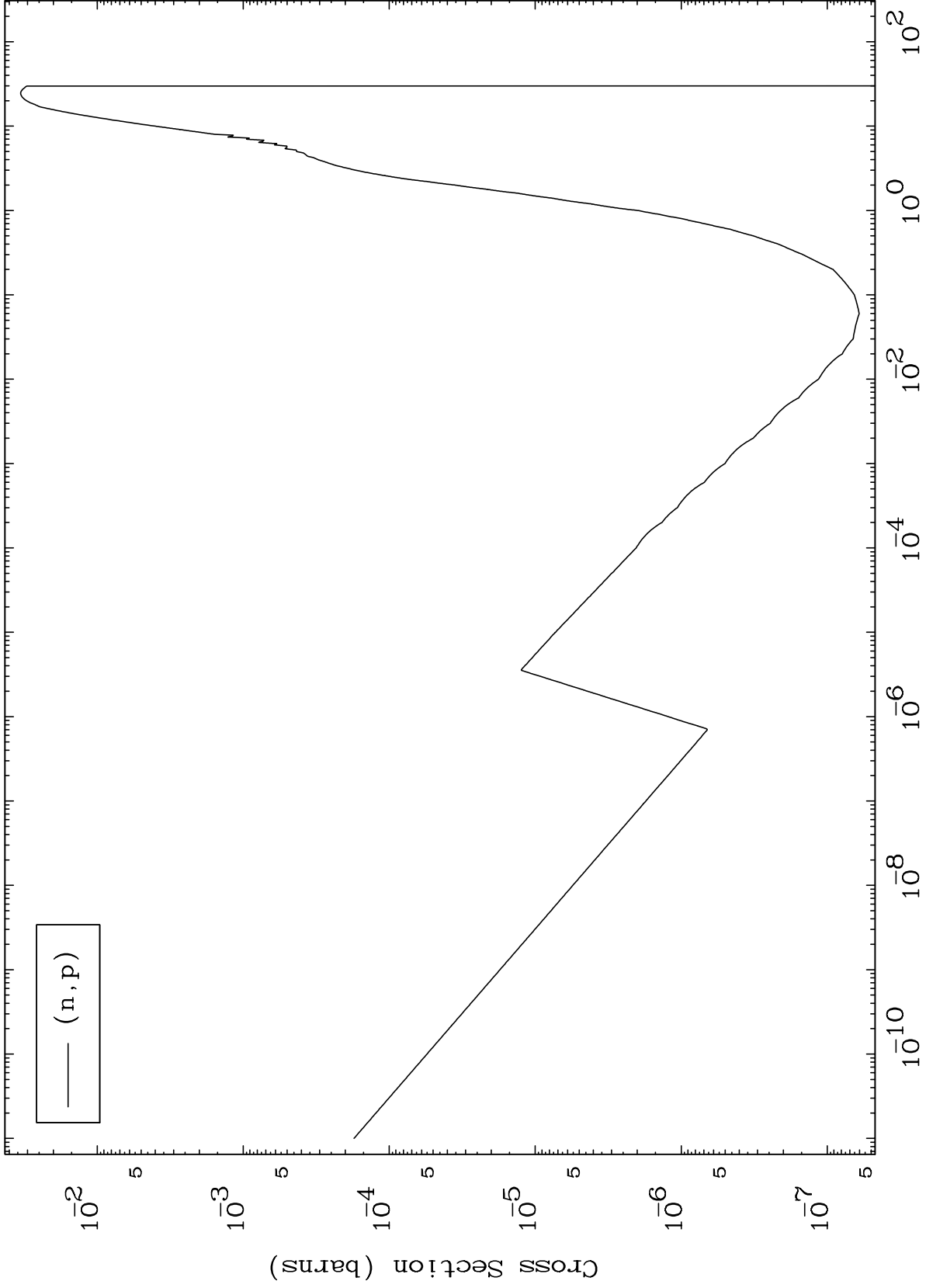
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,p) Levels  
293 Kelvin Cross Sections

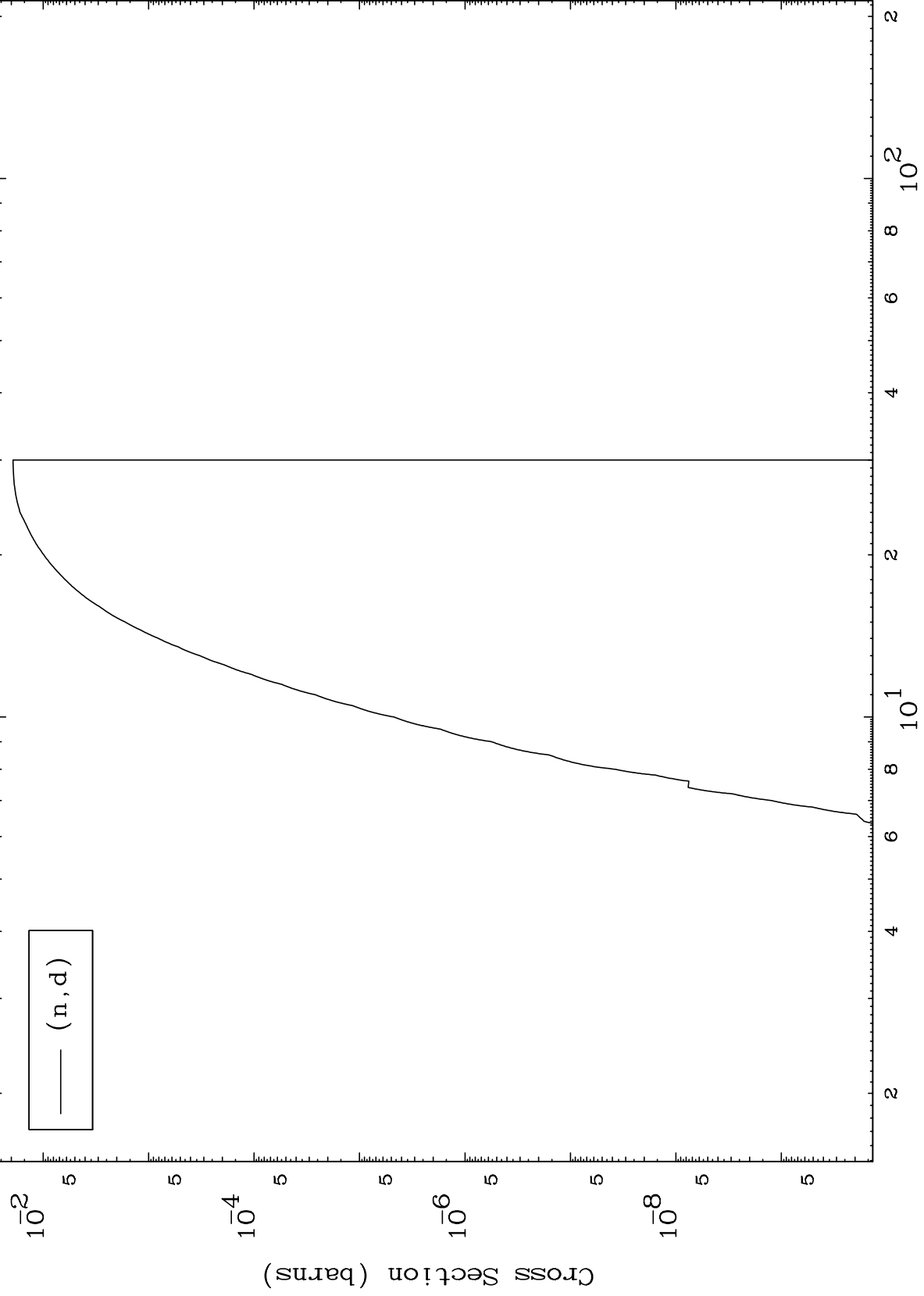
81-T1-197



MAT 8107

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-197



12

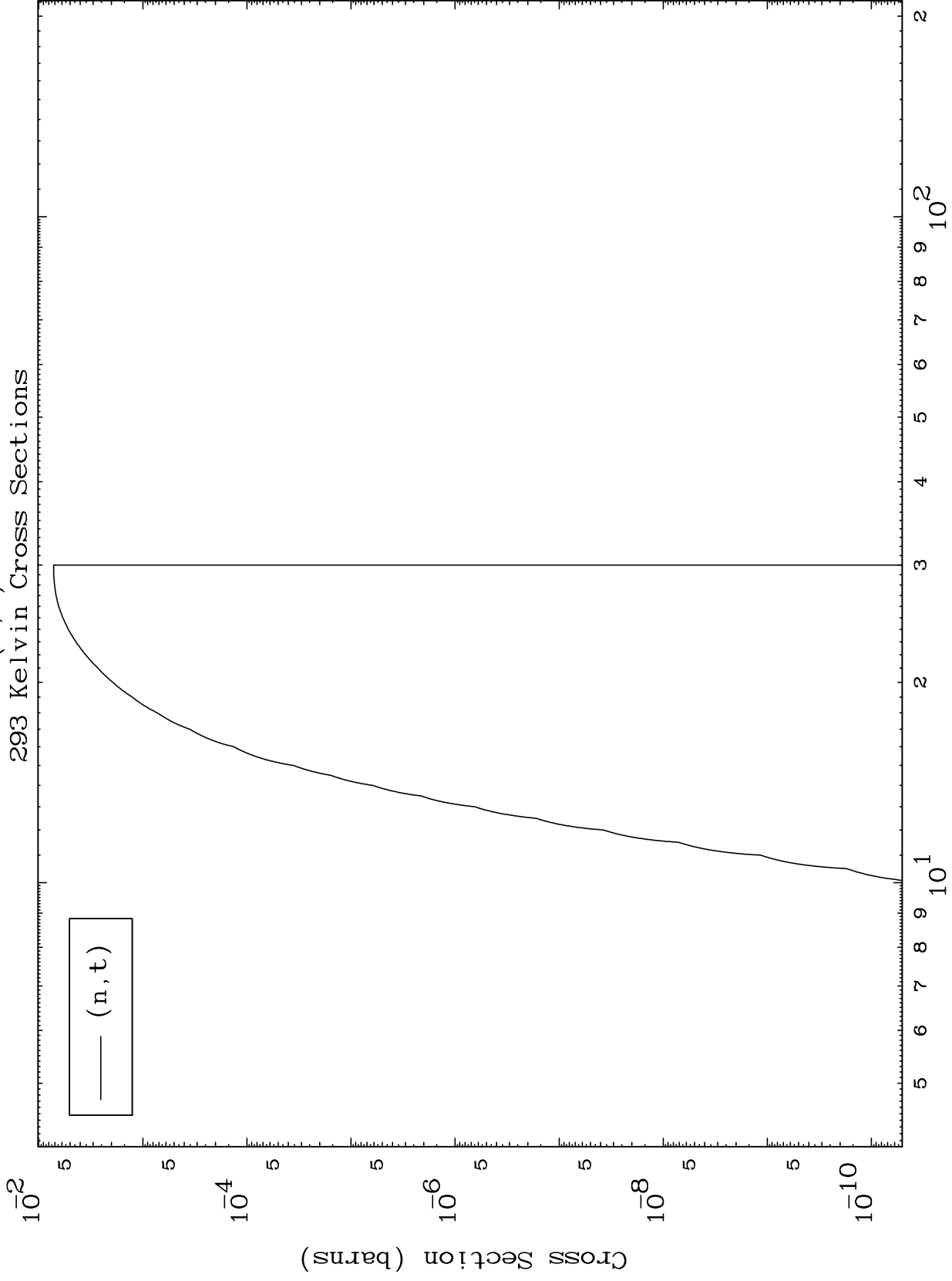
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-197



13

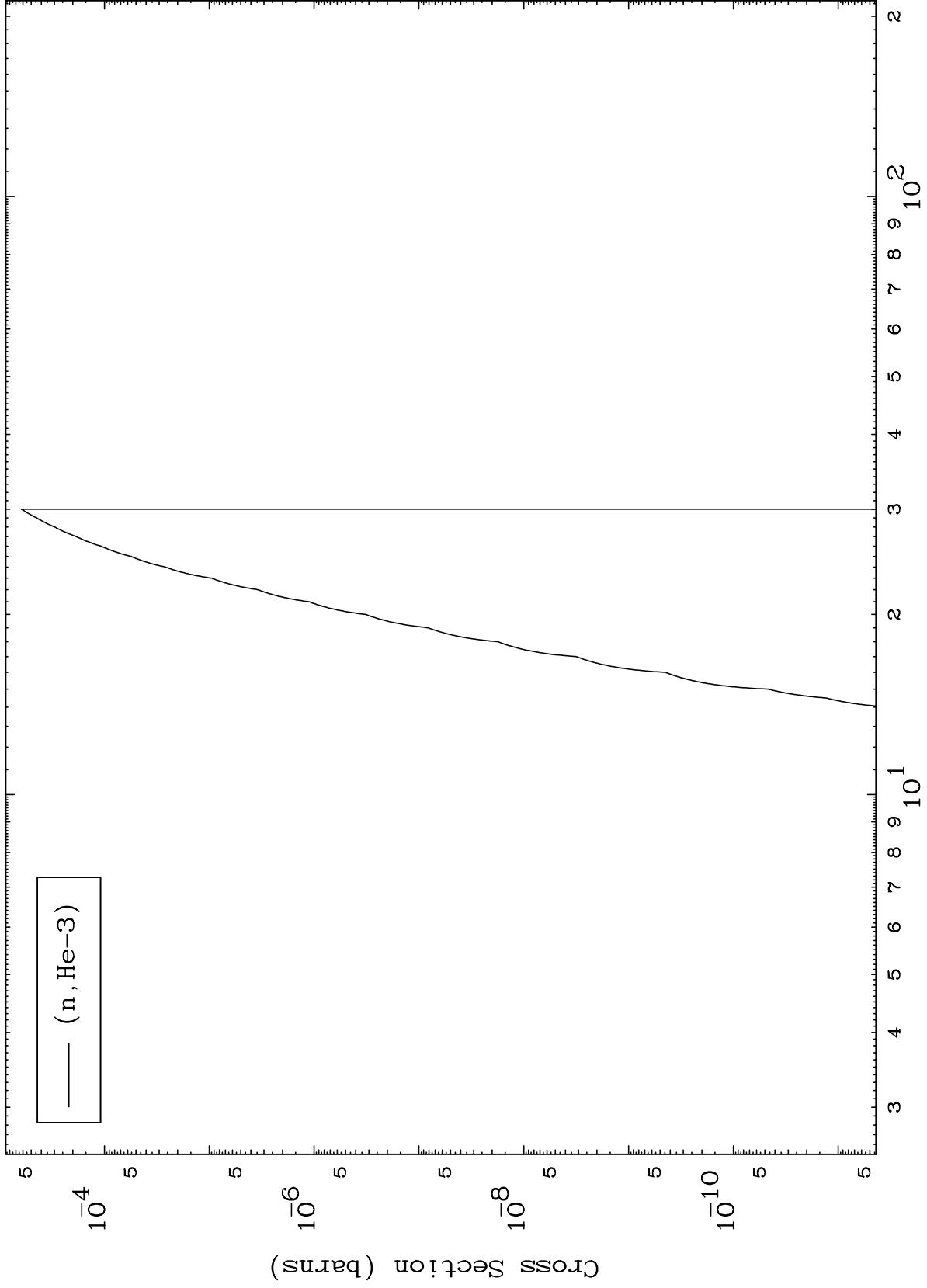
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-197



14

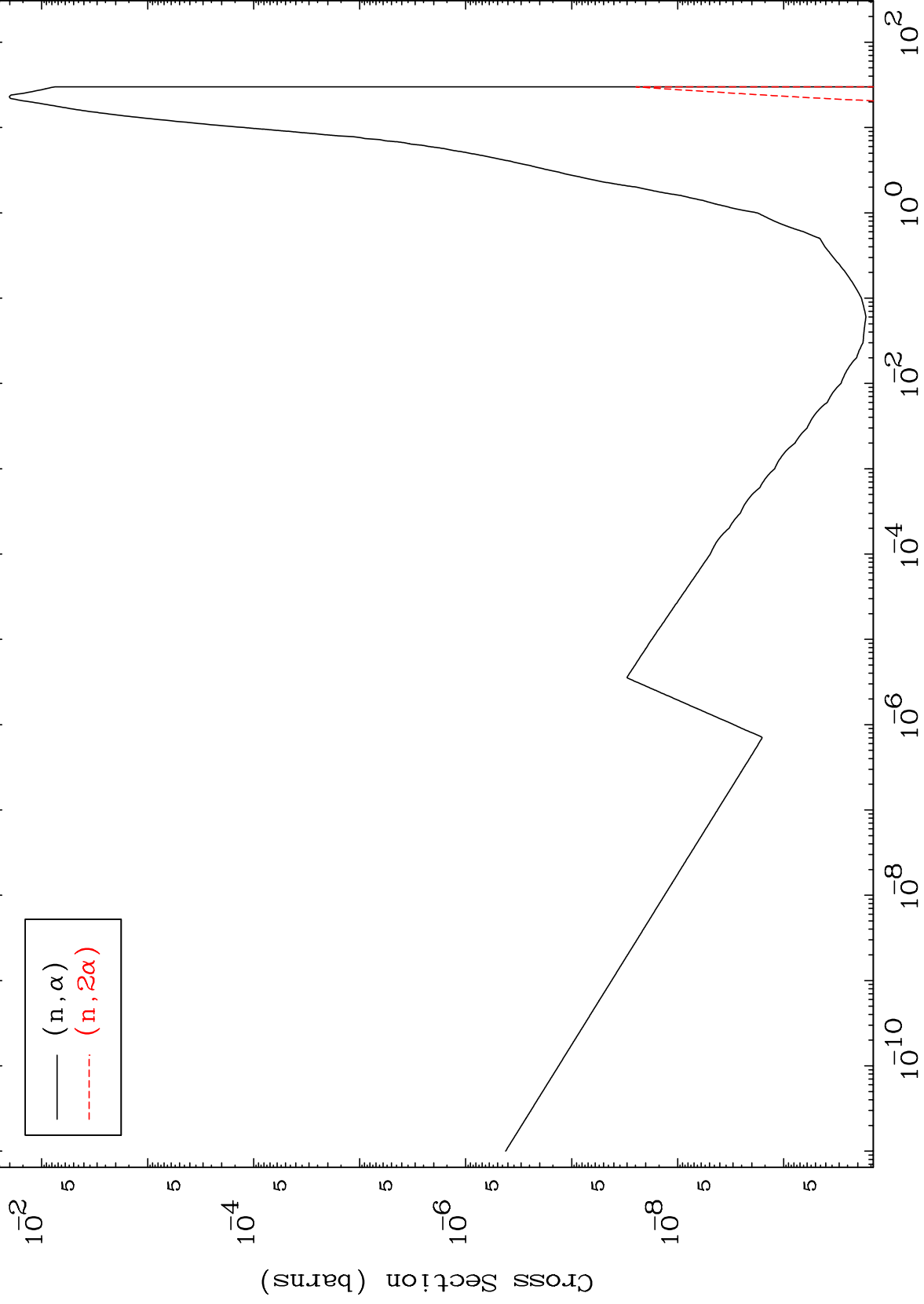
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197

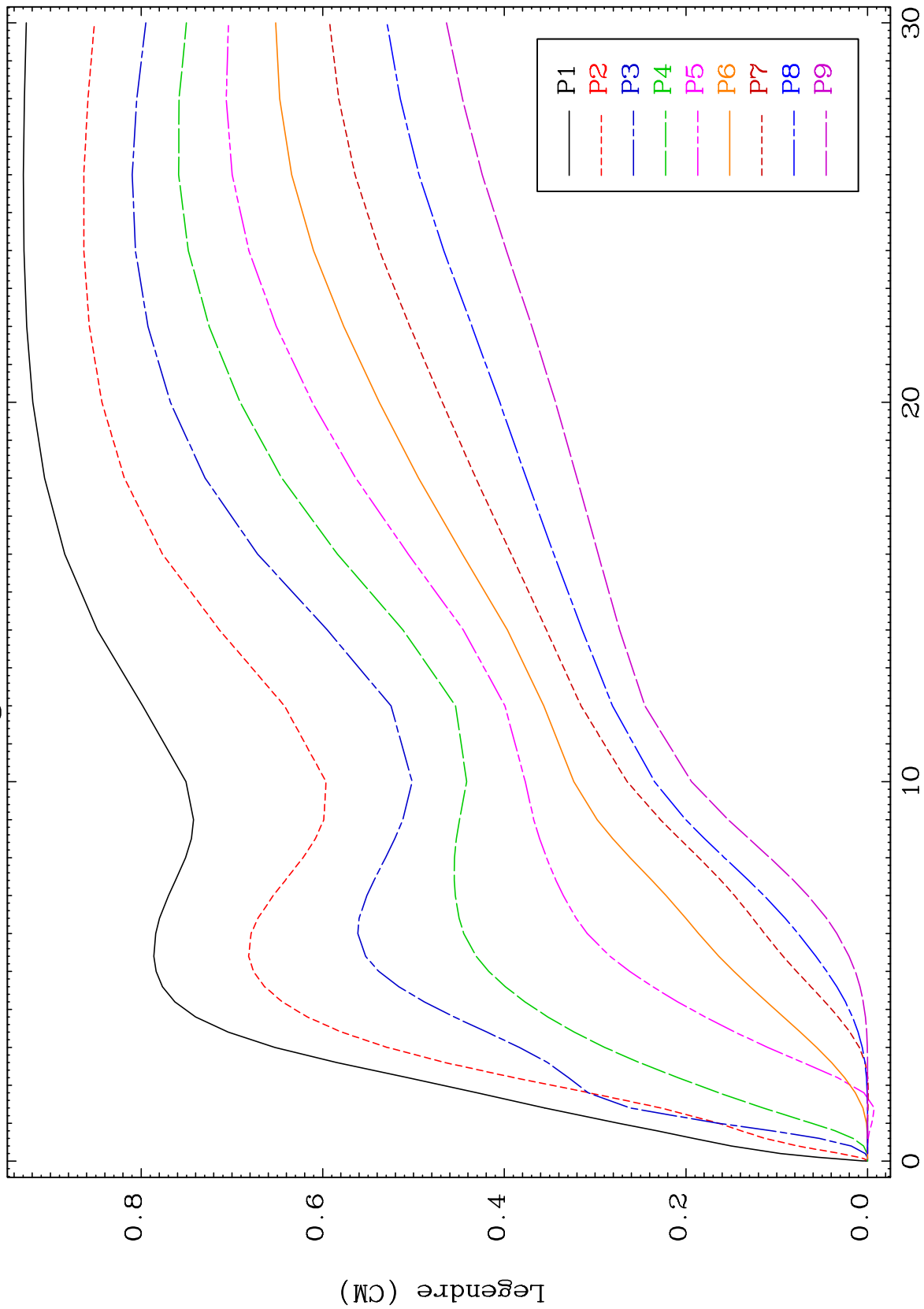




MAT 8107

Elastic Legendre Coefficients

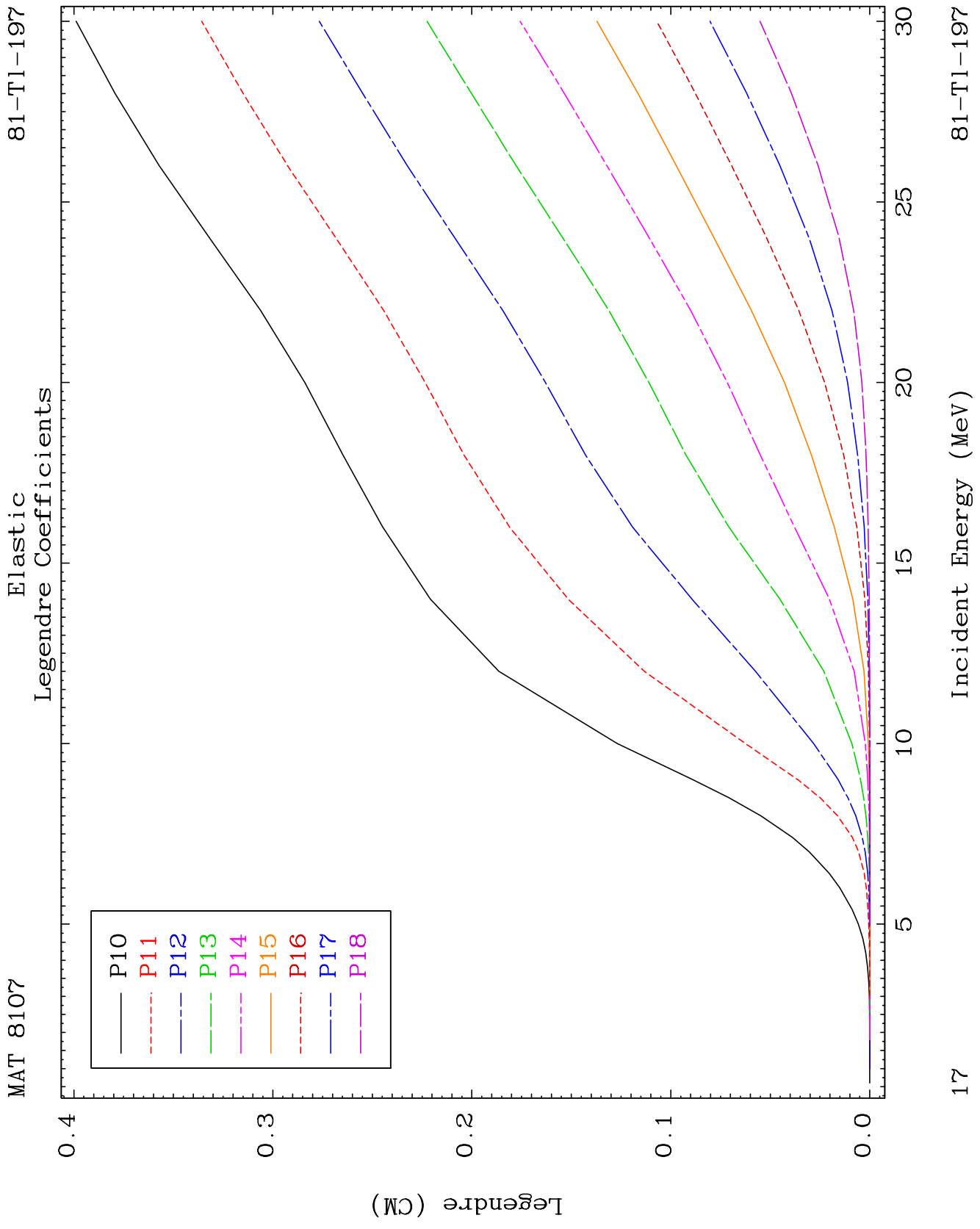
81-T1-197



16

Incident Energy (MeV)

81-T1-197



81-T1-197

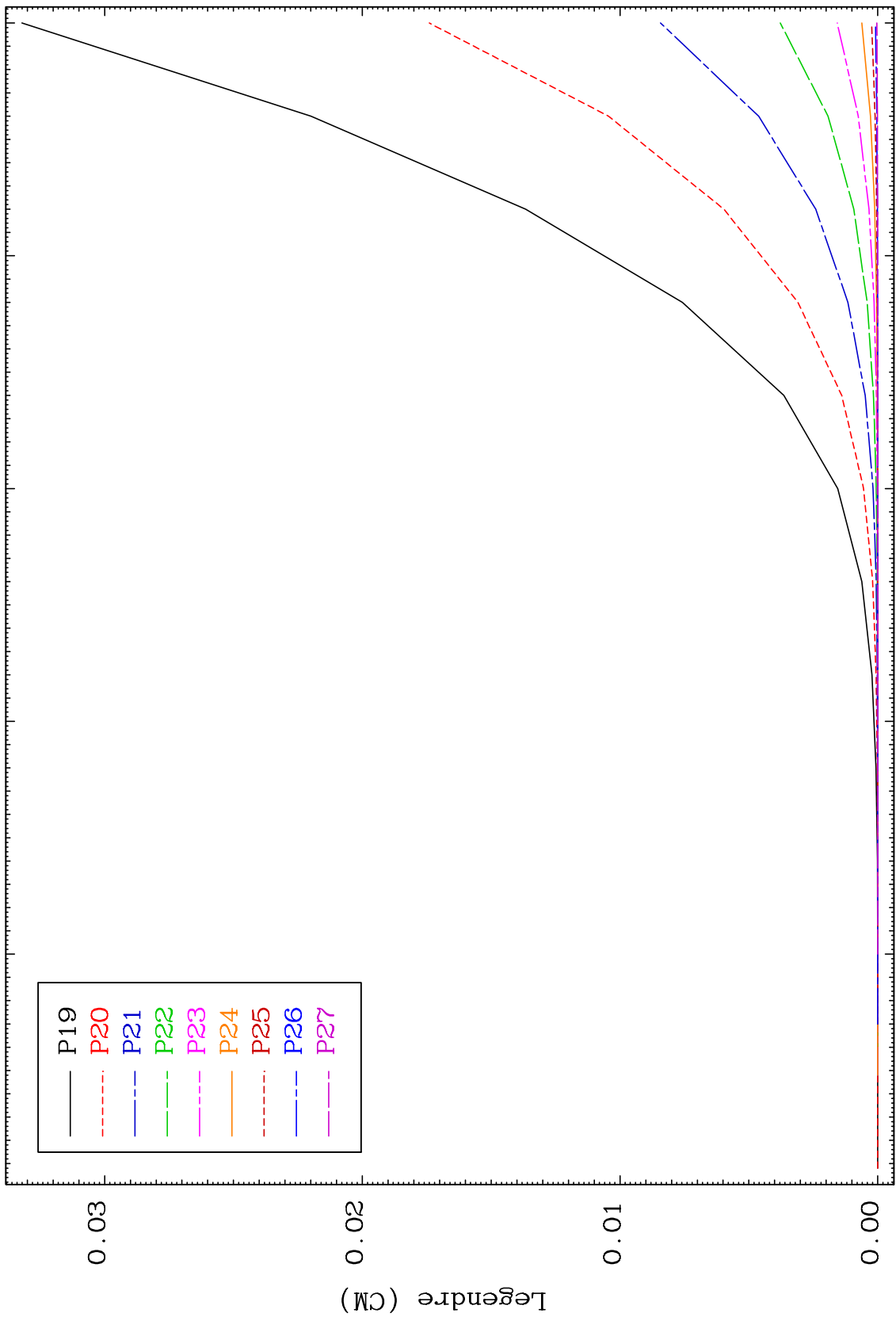
Incident Energy (MeV)

17

MAT 8107

### Elastic Legendre Coefficients

81-T1-197



18

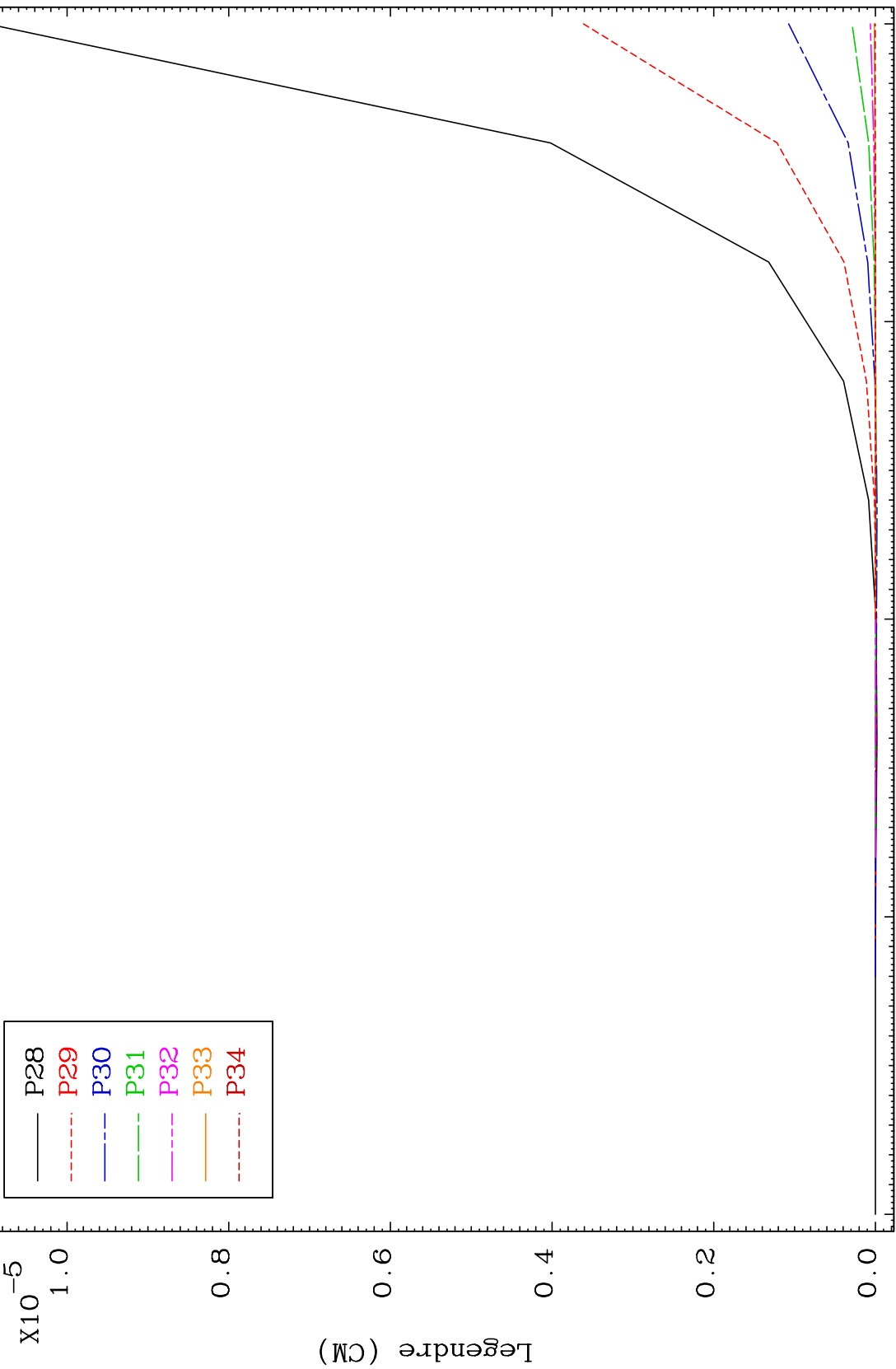
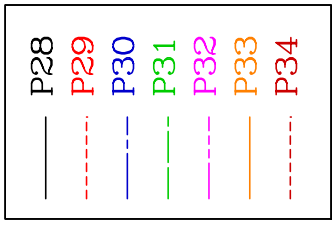
Incident Energy (MeV)

81-T1-197

MAT 8107

Elastic Legendre Coefficients

81-T1-197



19

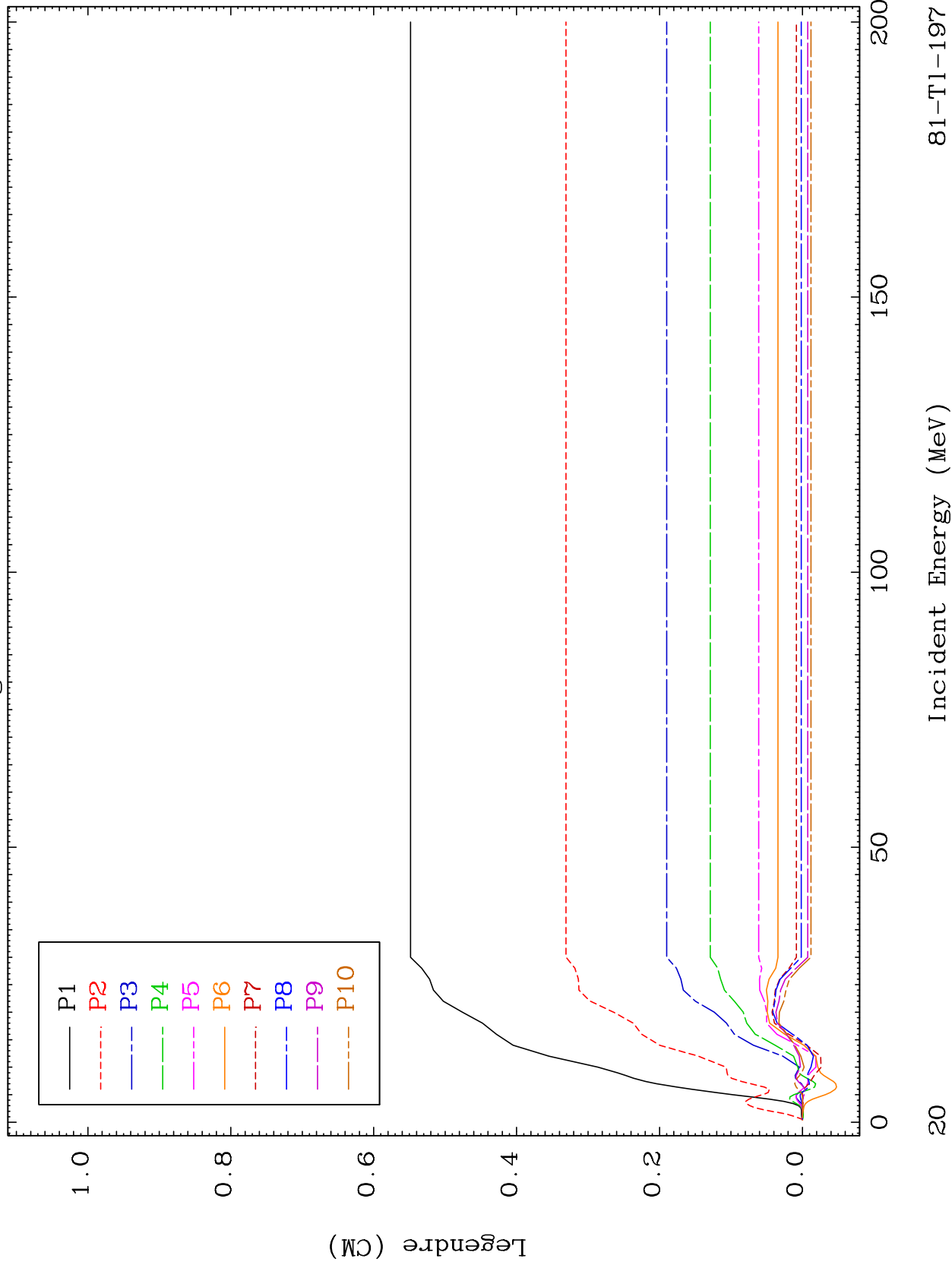
Incident Energy (MeV)

81-T1-197

MAT 8107

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

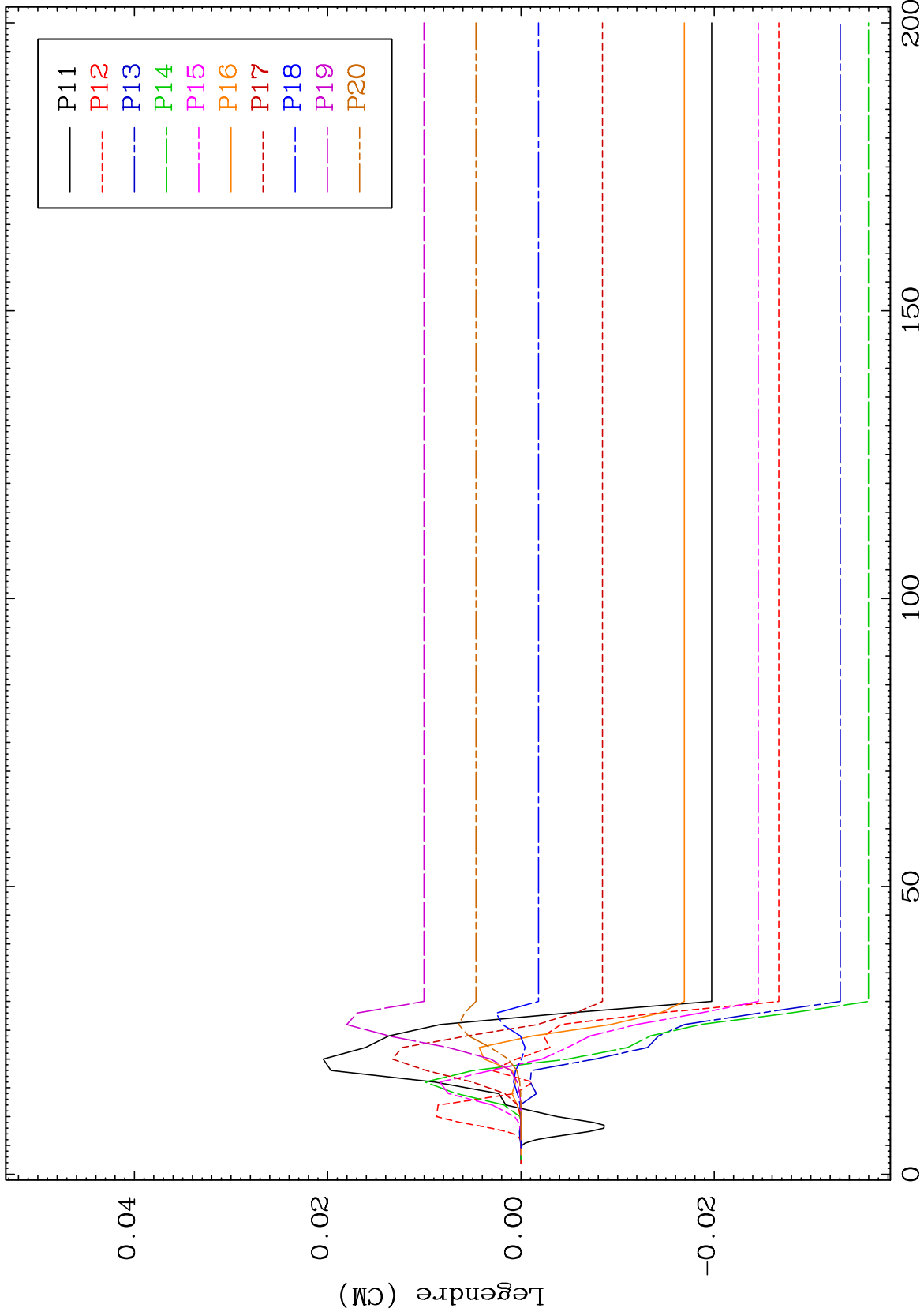
81-T1-197



MAT 8107

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

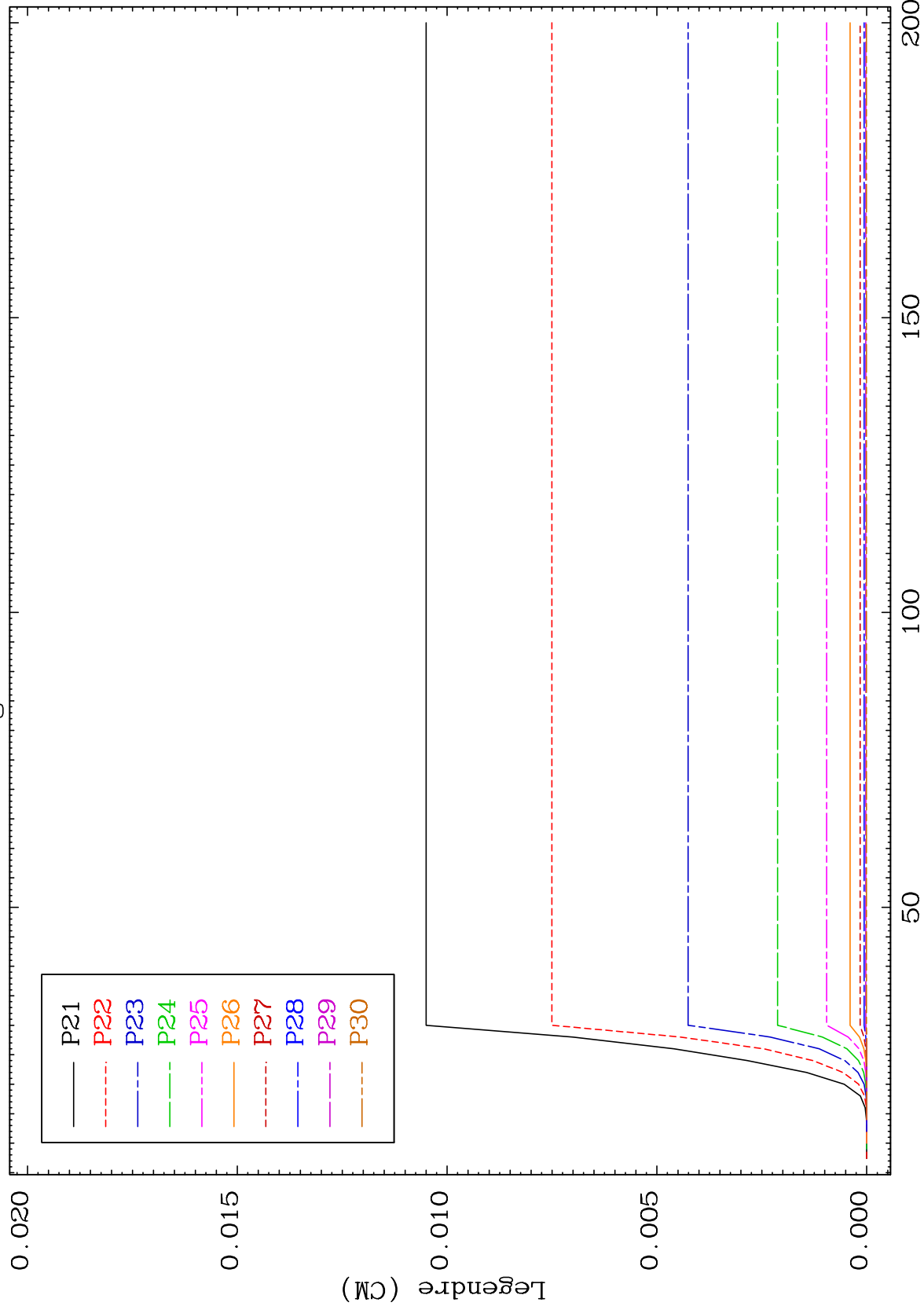
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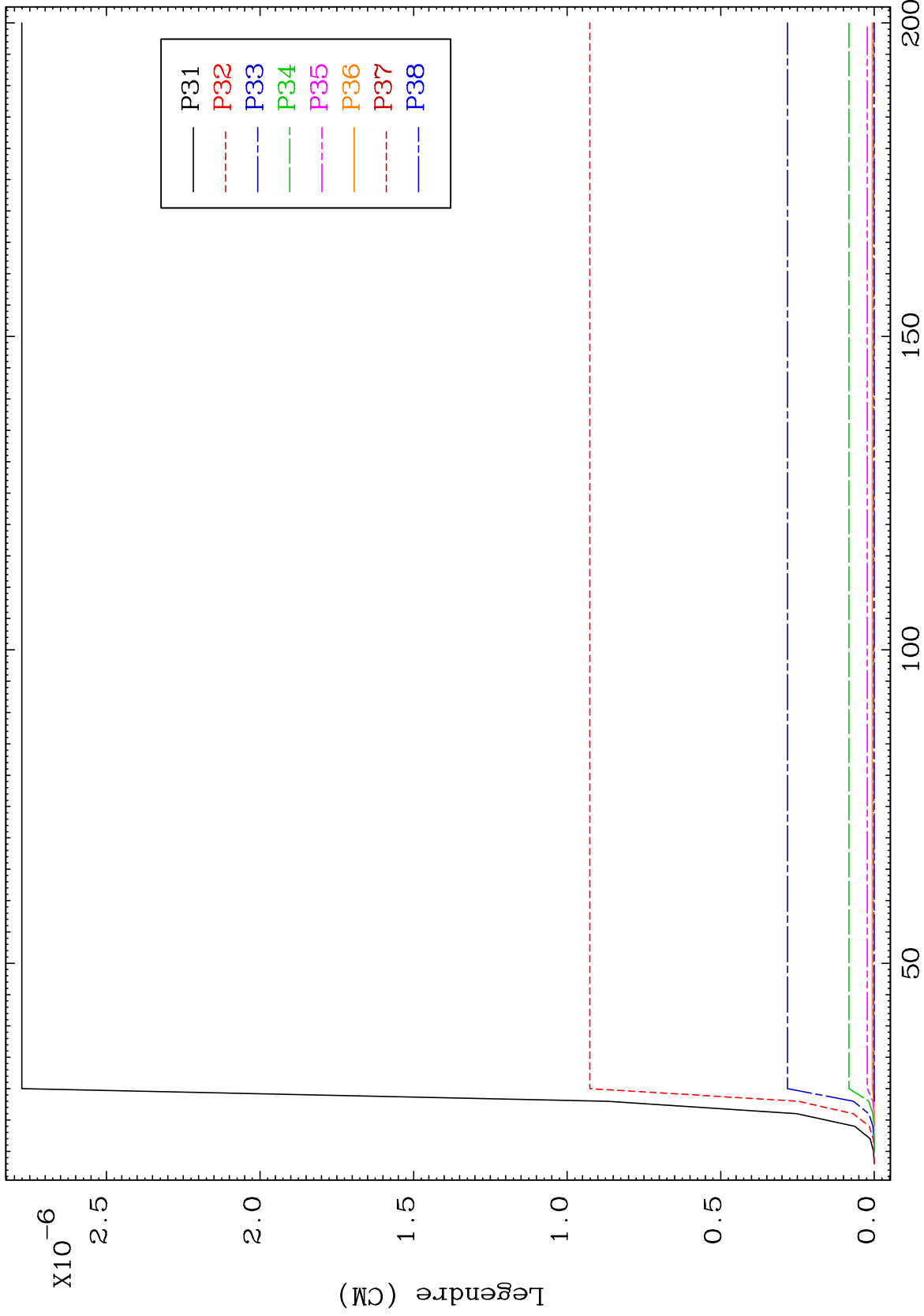


21

Incident Energy (MeV)

81-T1-197



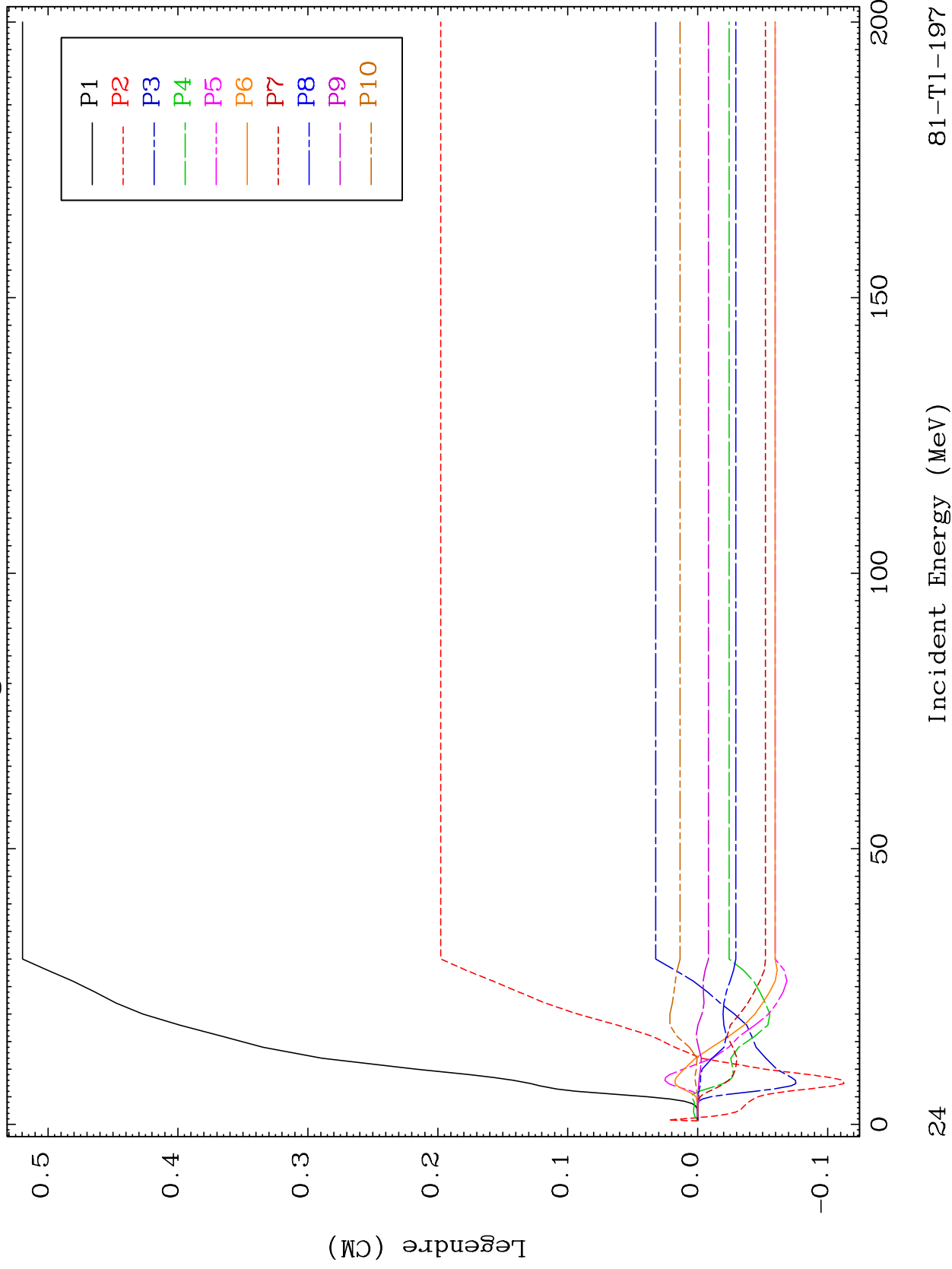




MAT 8107

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

81-T1-197



81-T1-197

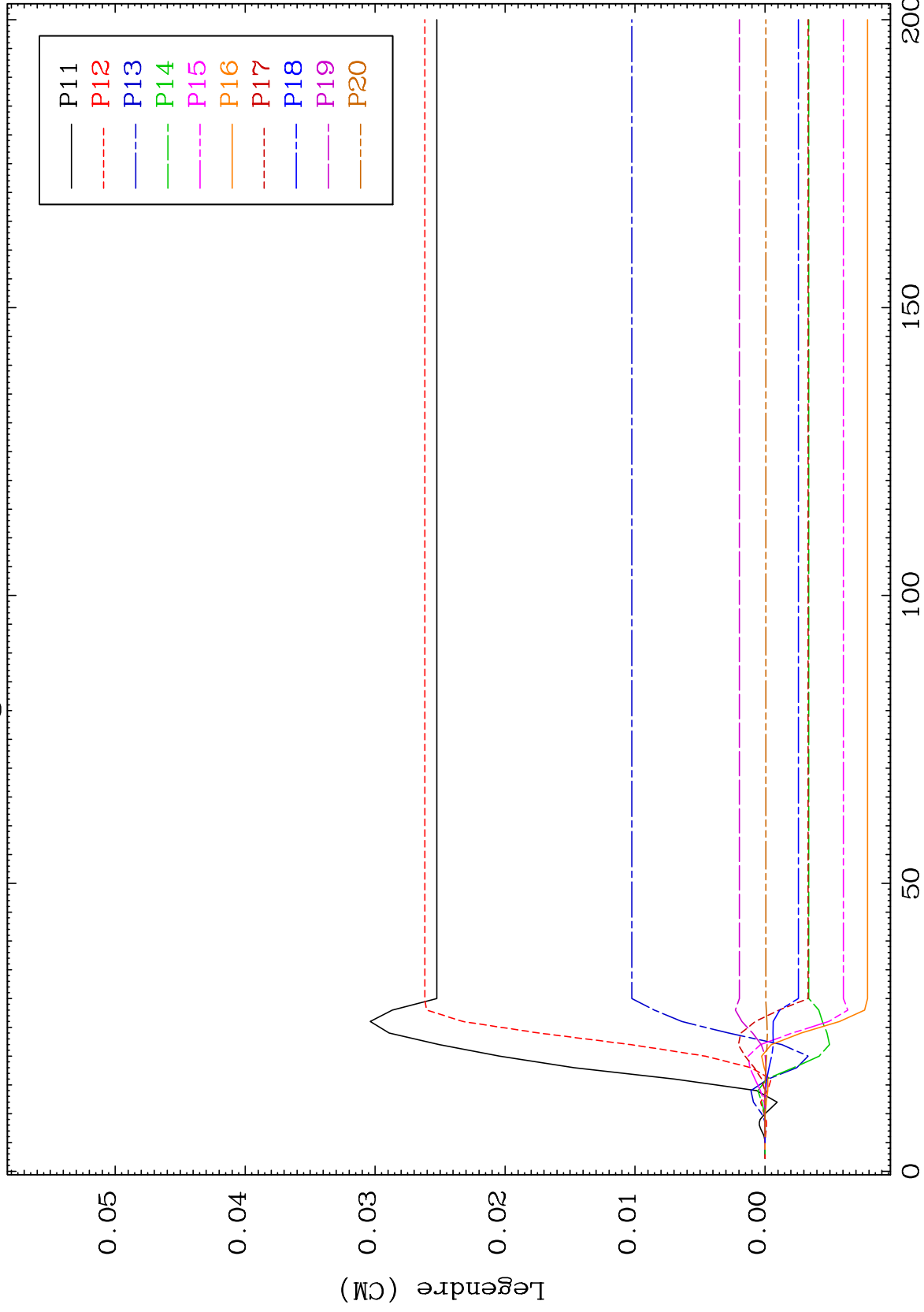
Incident Energy (MeV)

24

MAT 8107

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

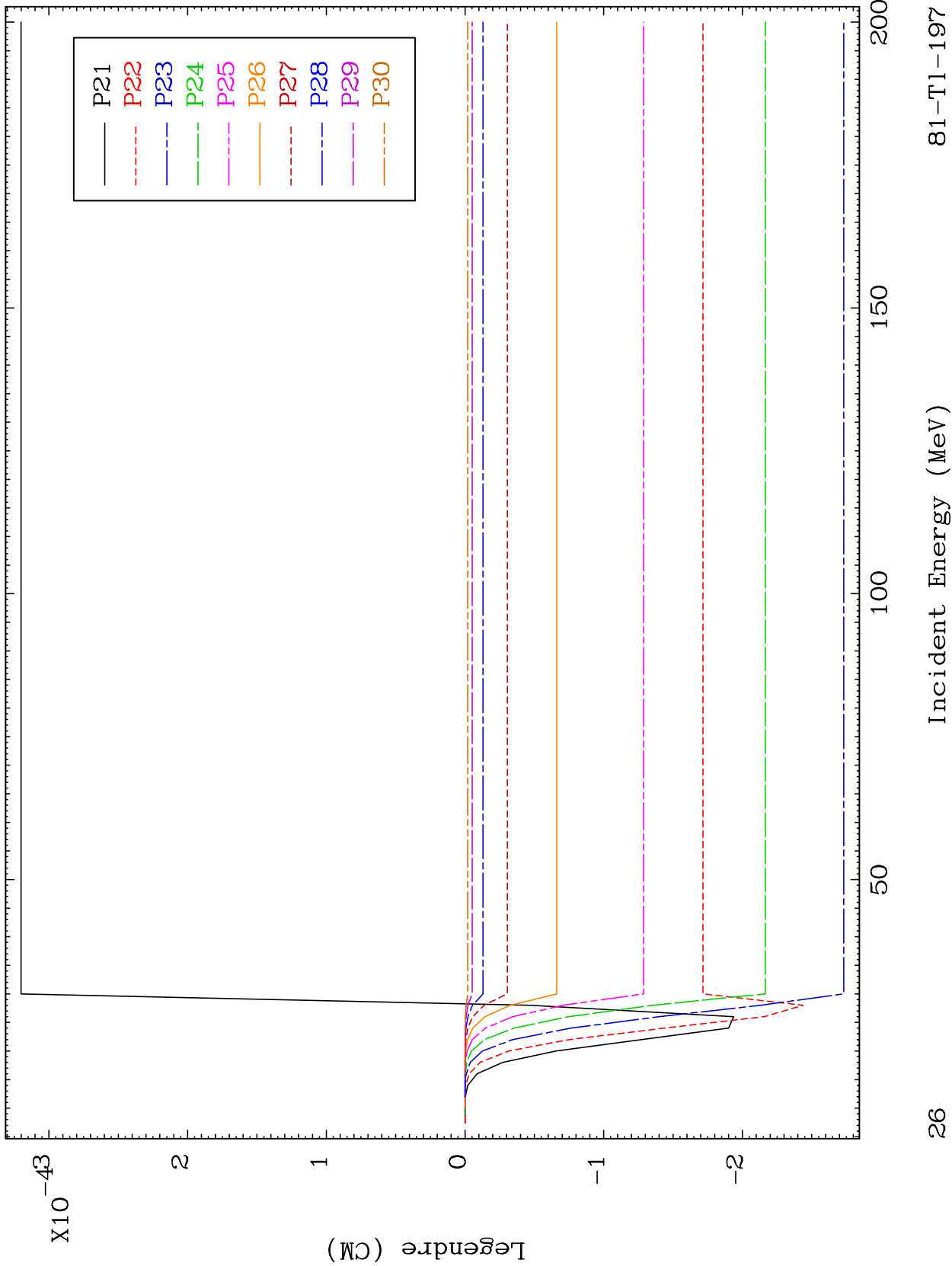
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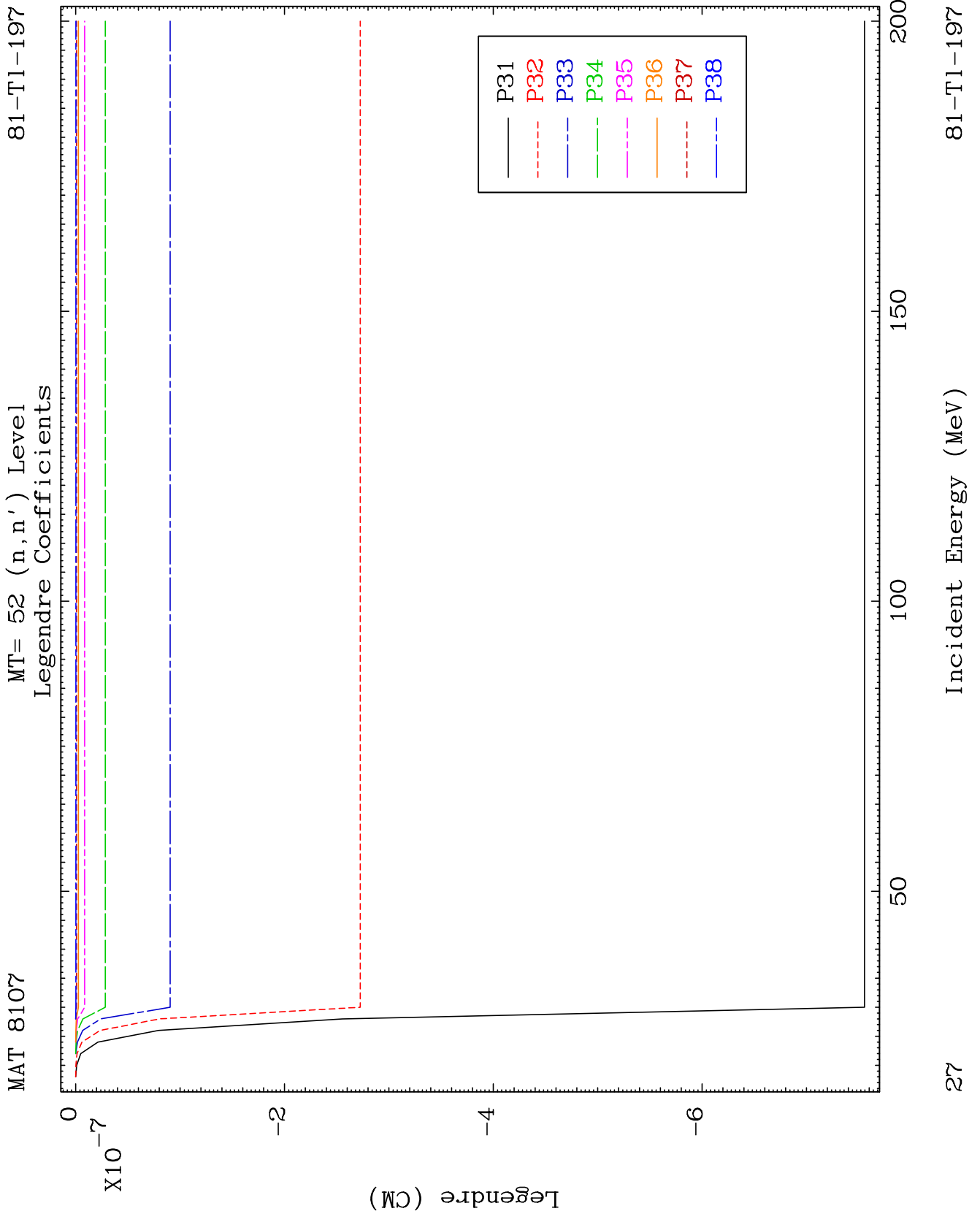


25

Incident Energy (MeV)

81-Tl-197

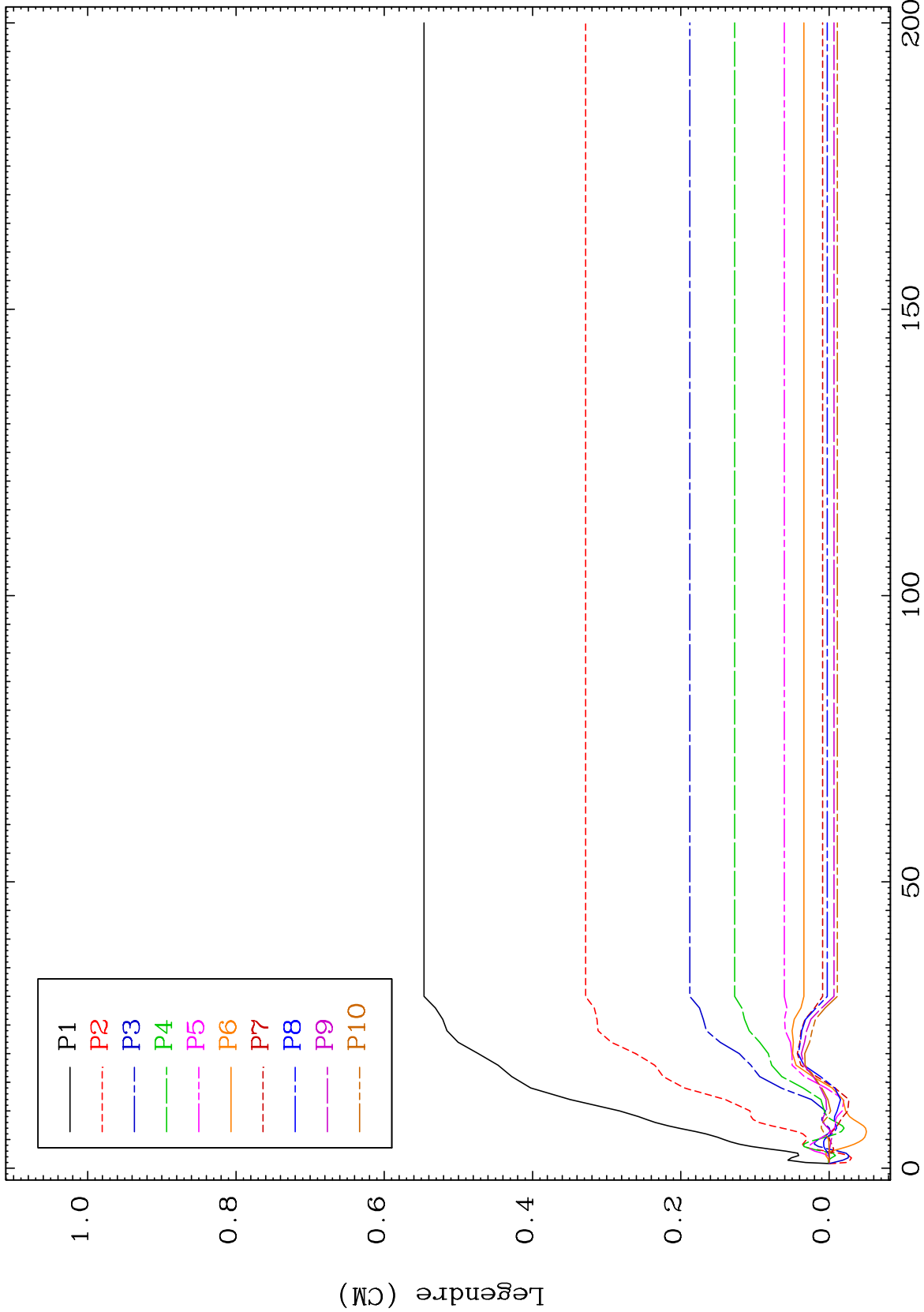




MAT 8107

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

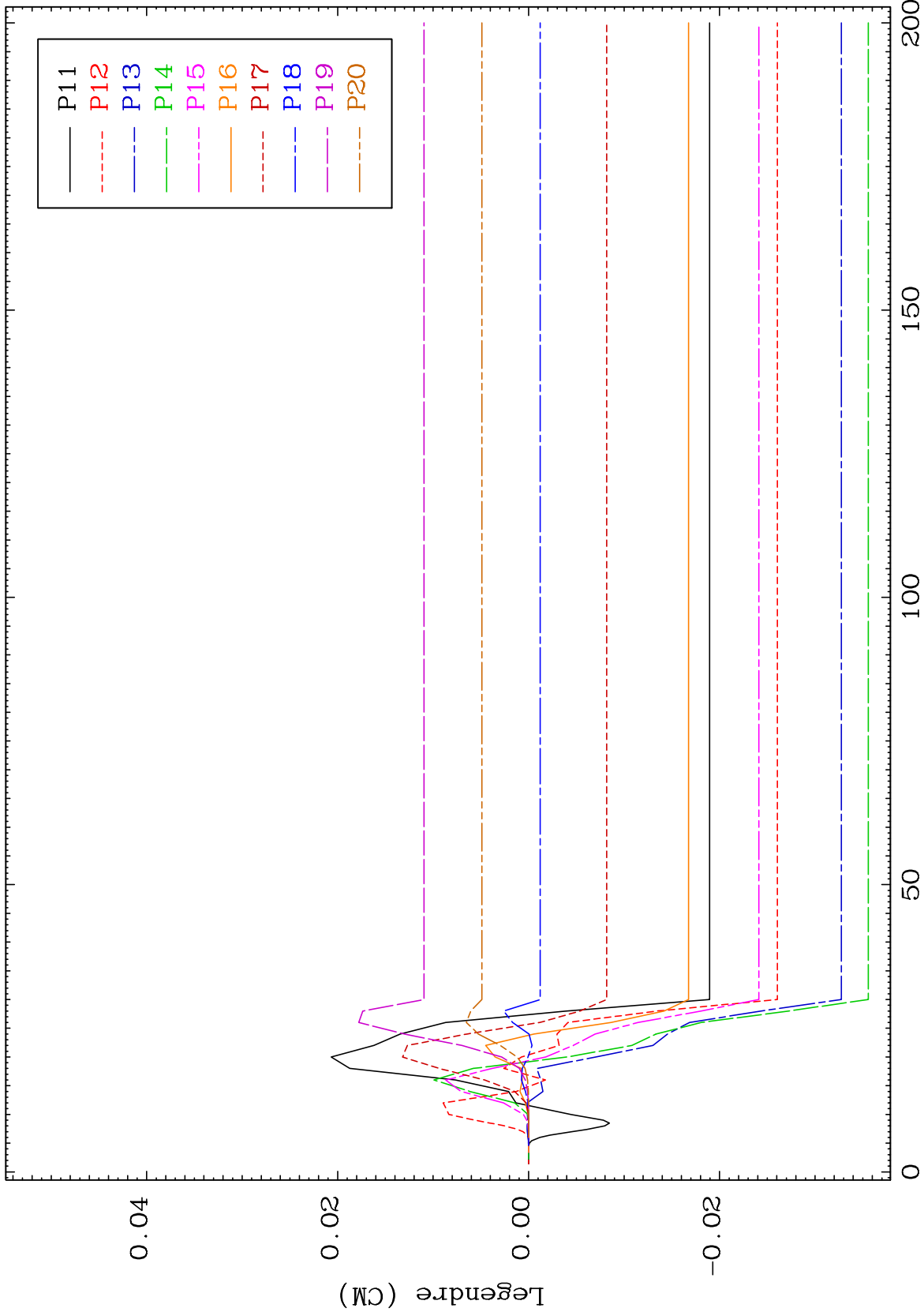
81-T1-197



28

Incident Energy (MeV)

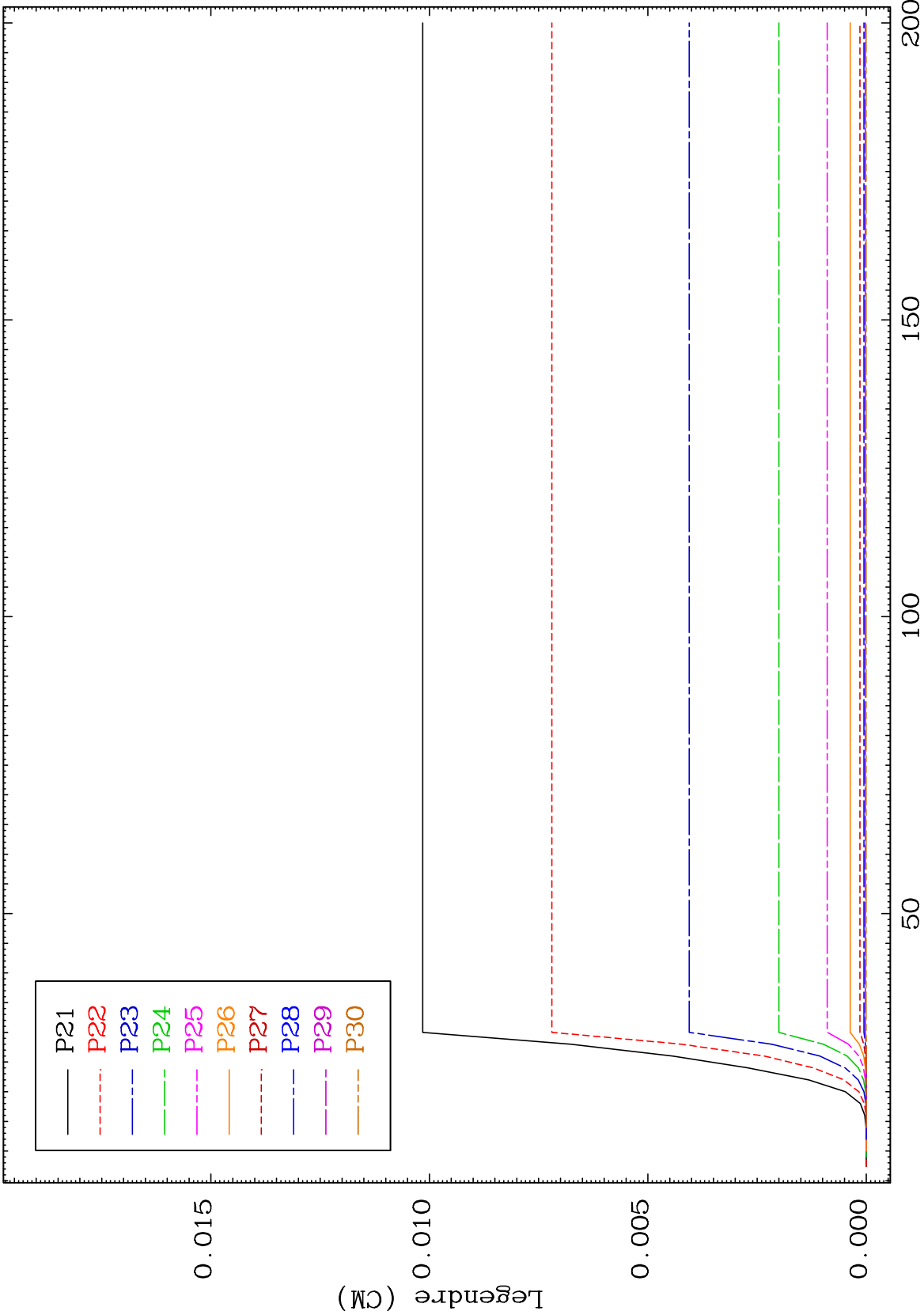
81-T1-197



MAT 8107

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

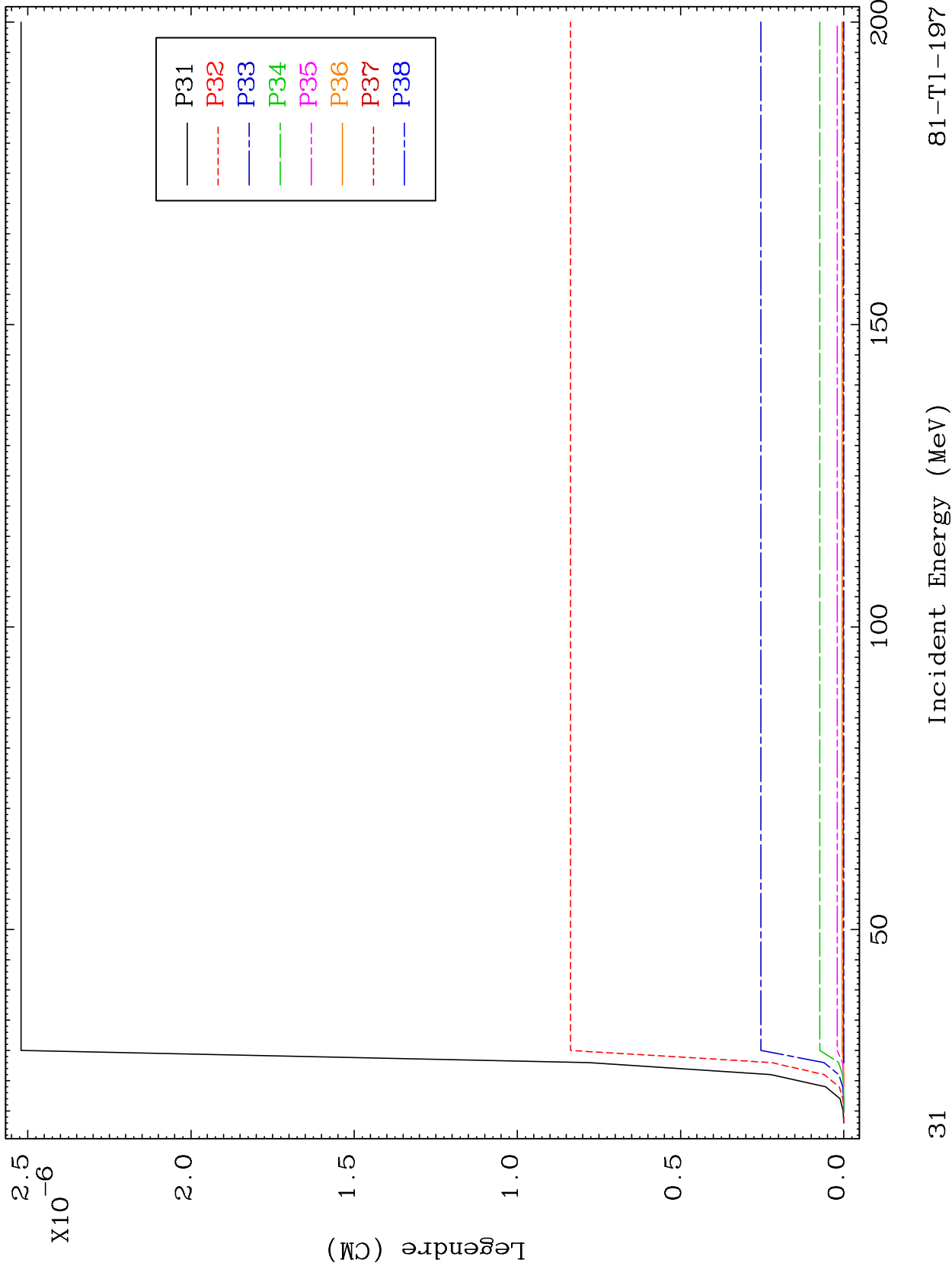
81-T1-197



30

Incident Energy (MeV)

81-T1-197

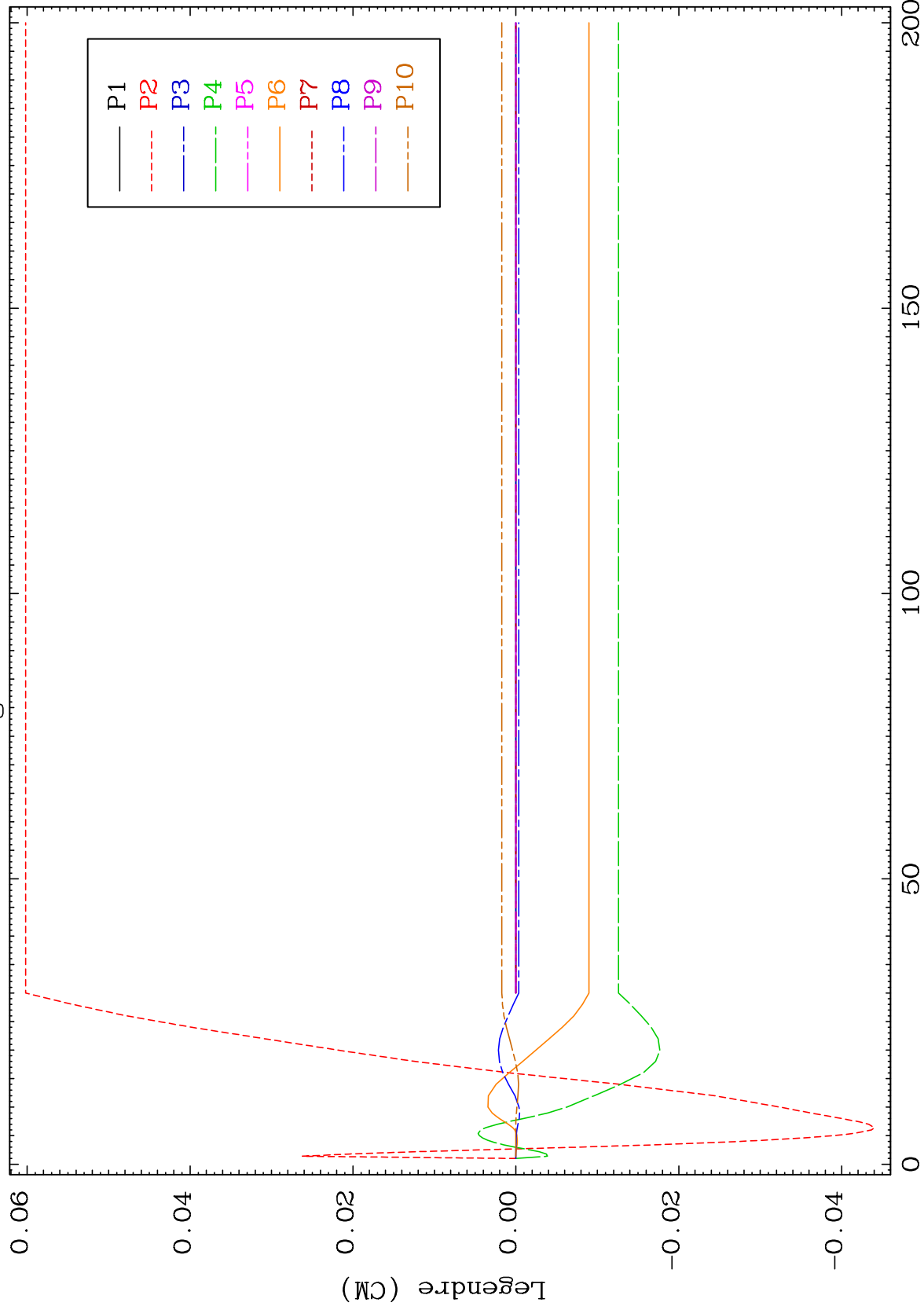




MAT 8107

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

81-T1-197



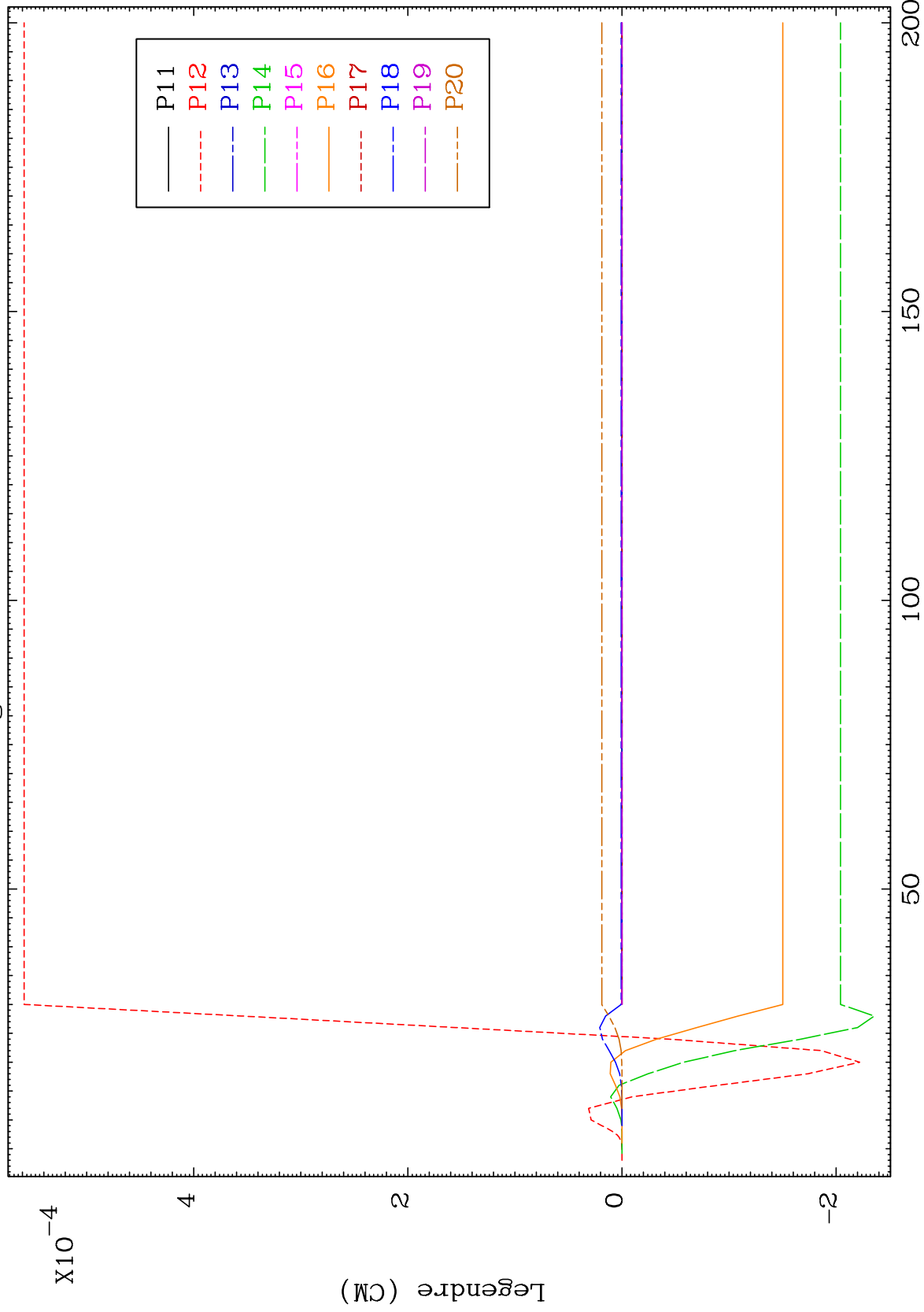
32

81-T1-197

MAT 8107

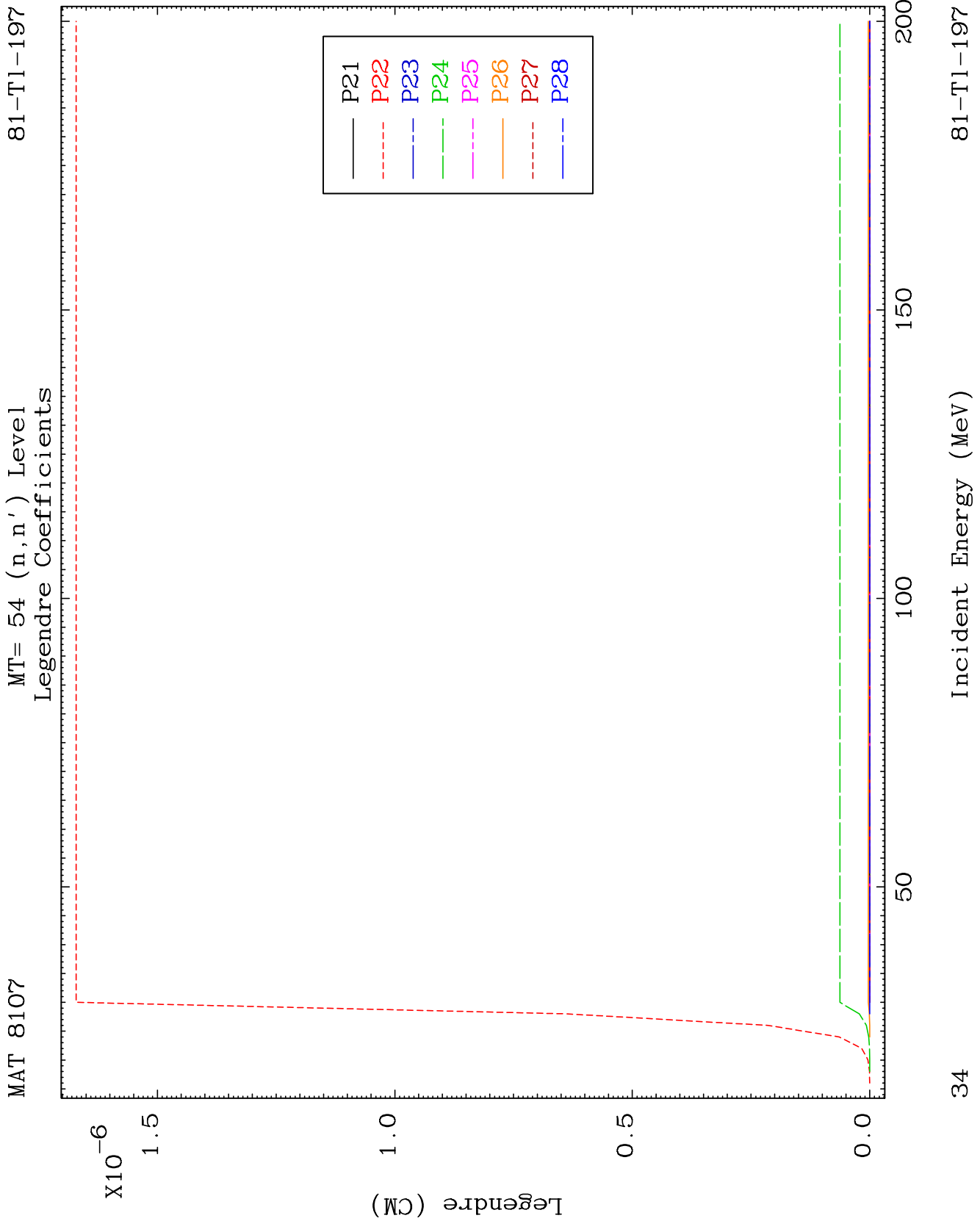
MT= 54 (n,n') Level  
Legendre Coefficients

81-T1-197



33

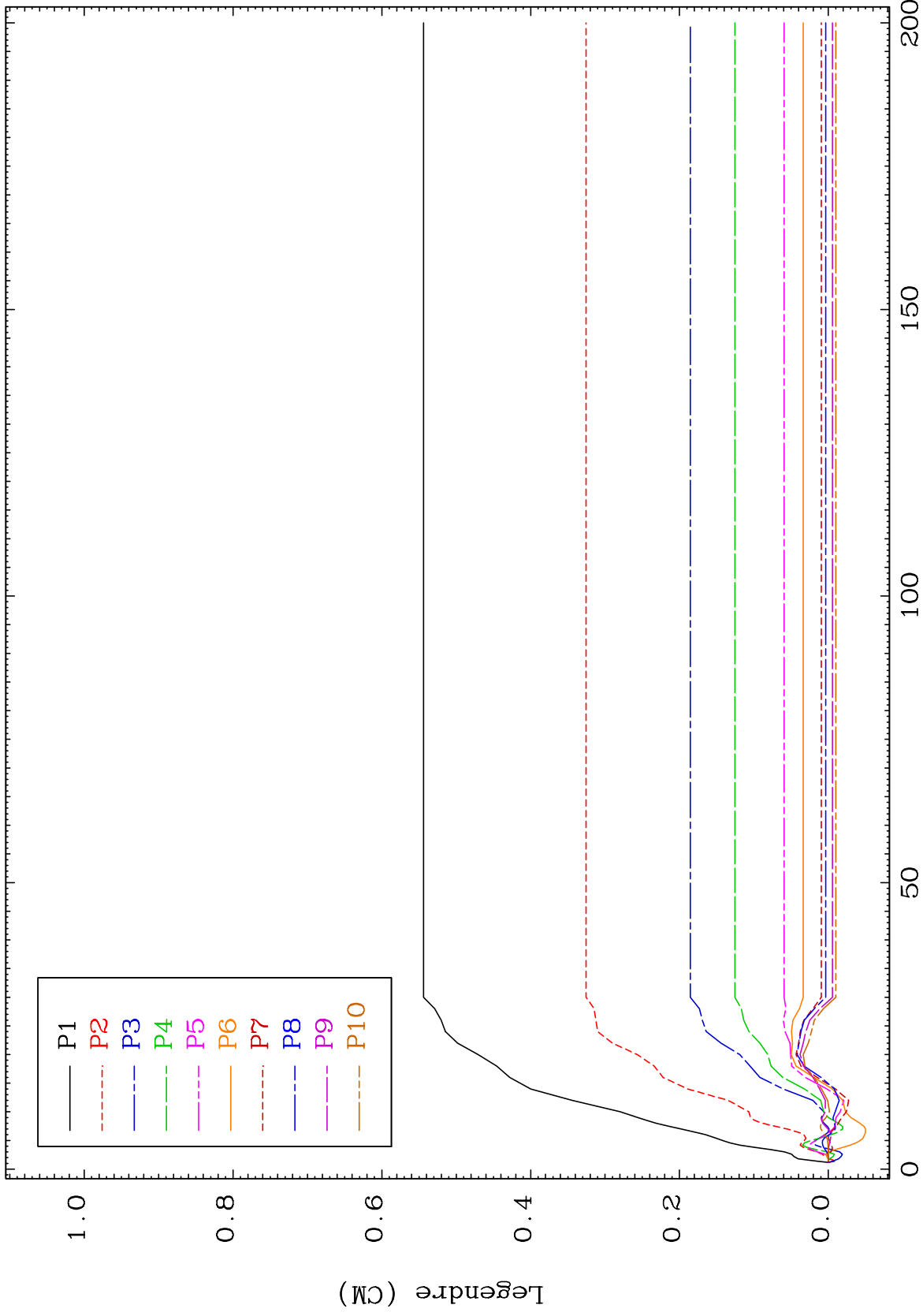
81-T1-197



MAT 8107

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

81-T1-197



35

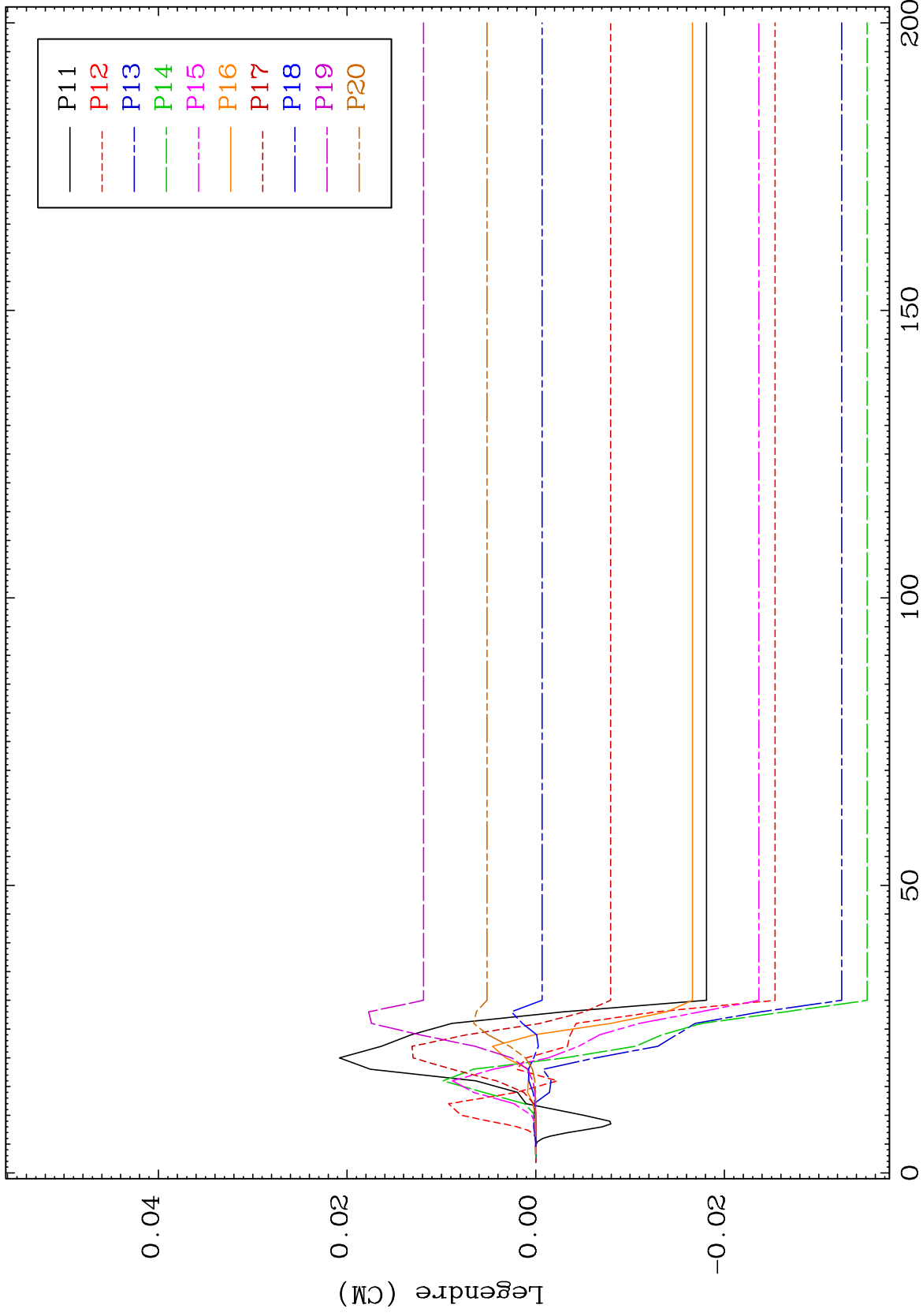
Incident Energy (MeV)

81-T1-197

MAT 8107

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

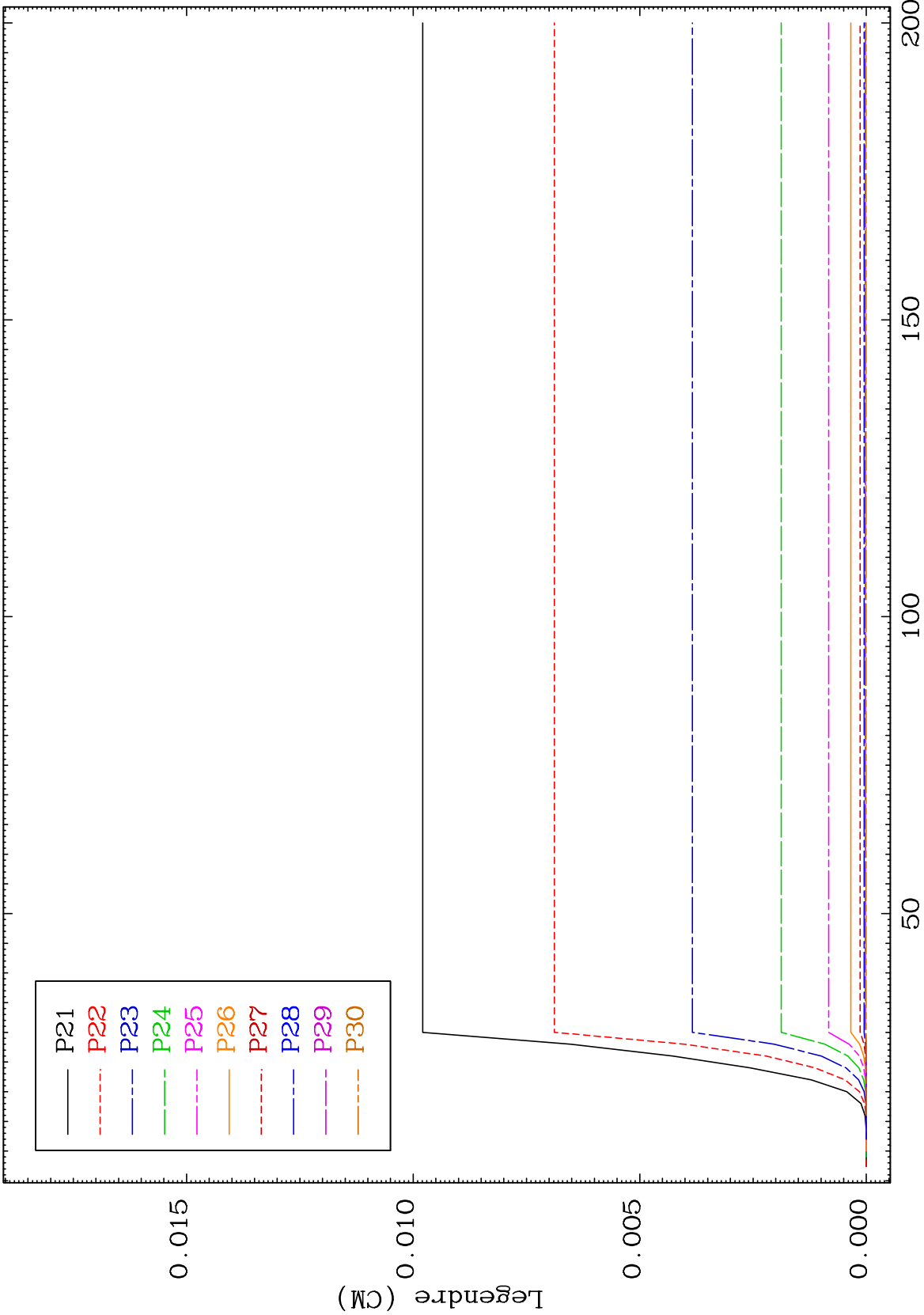
81-T1-197



36

Incident Energy (MeV)

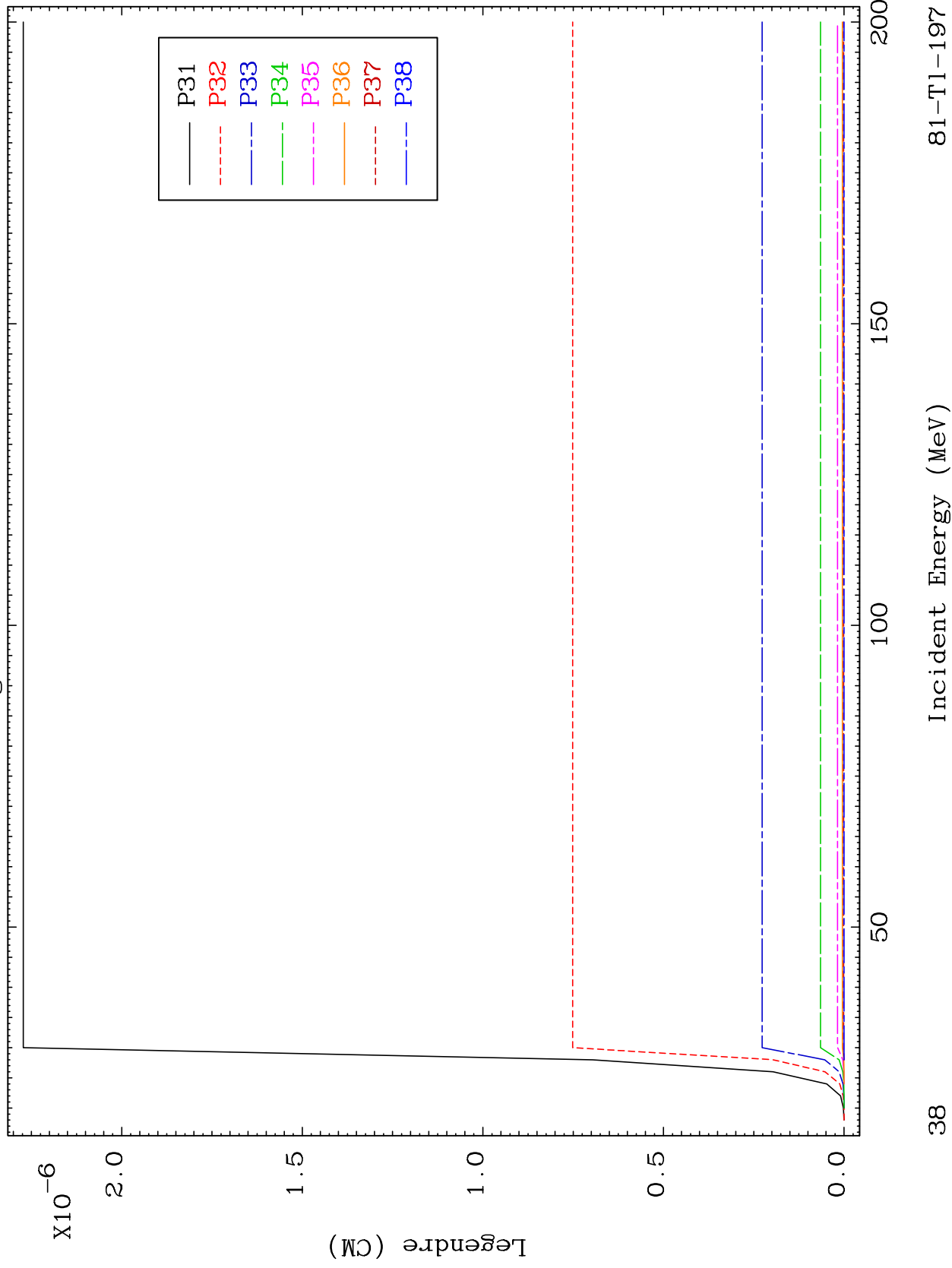
81-T1-197



MAT 8107

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

81-T1-197



38

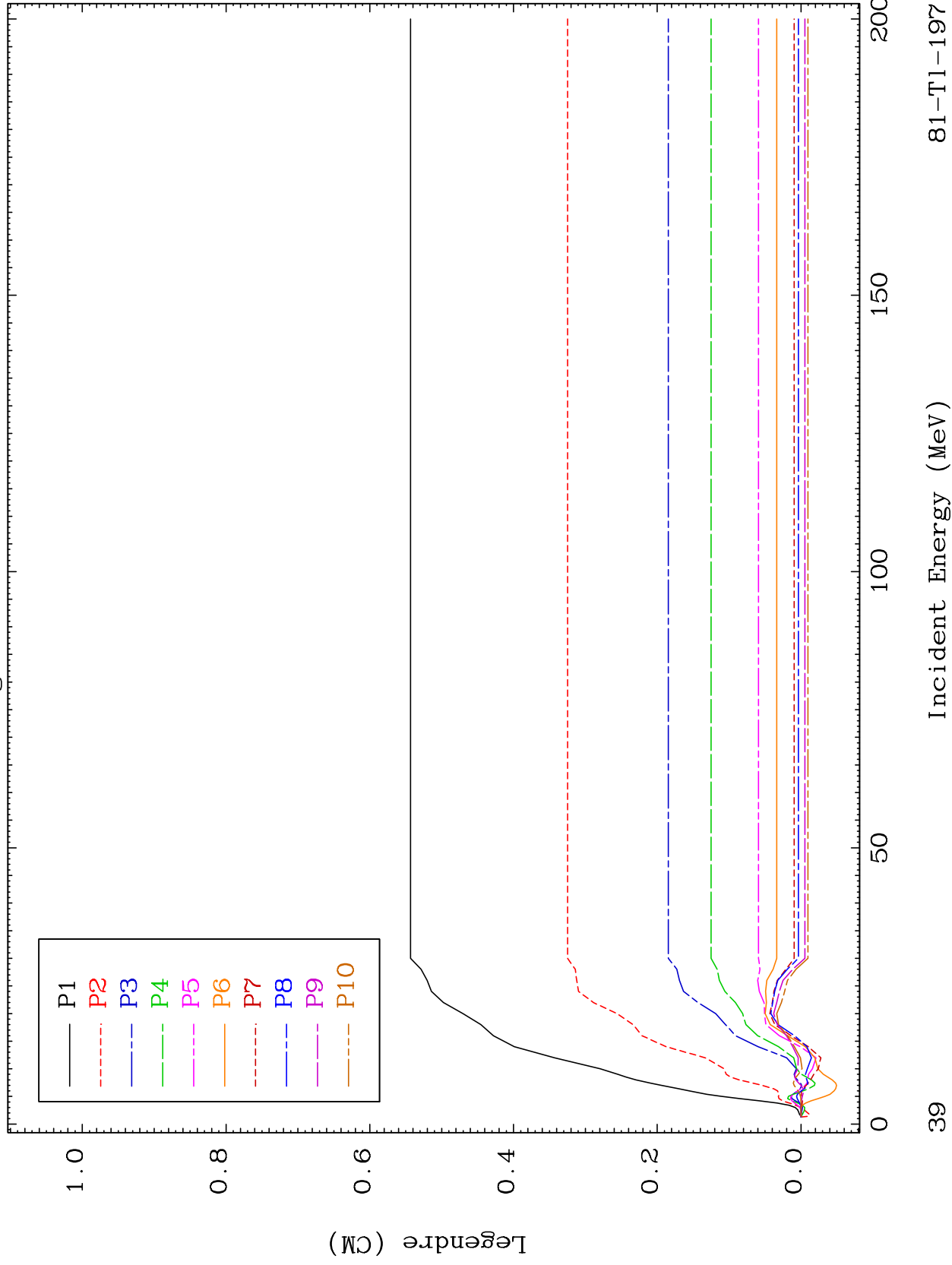
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197

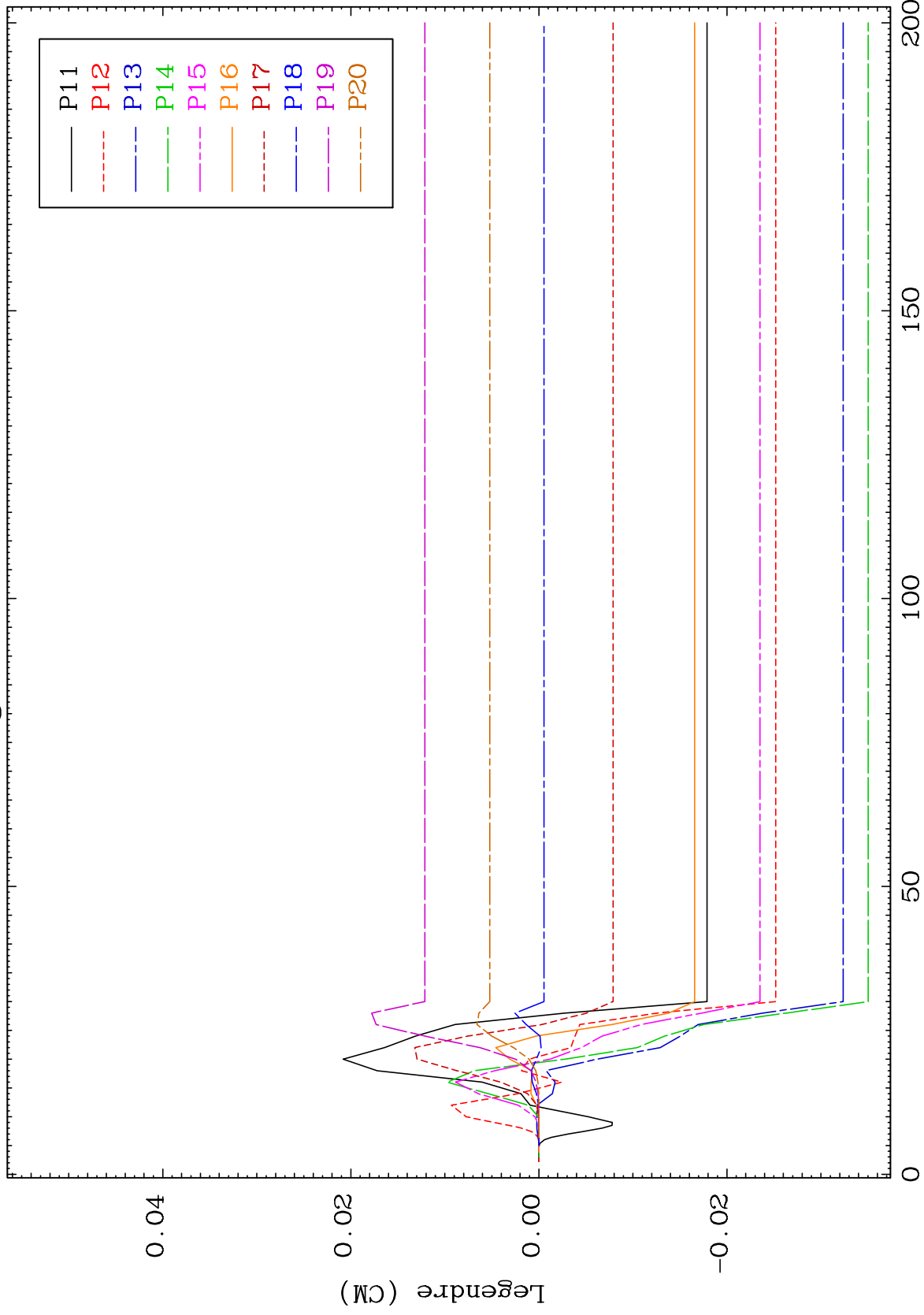




MAT 8107

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

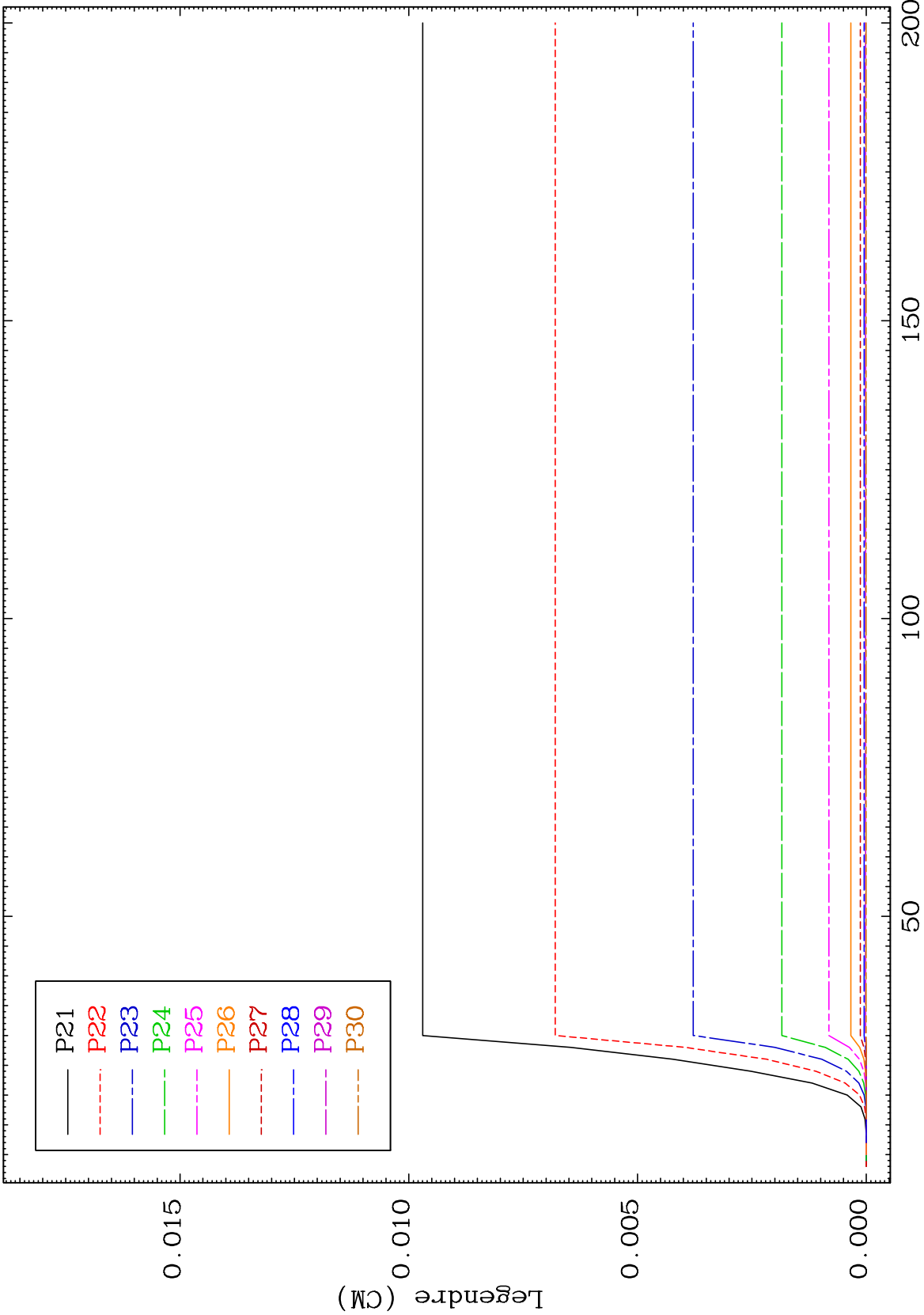
81-T1-197



81-T1-197

Incident Energy (MeV)

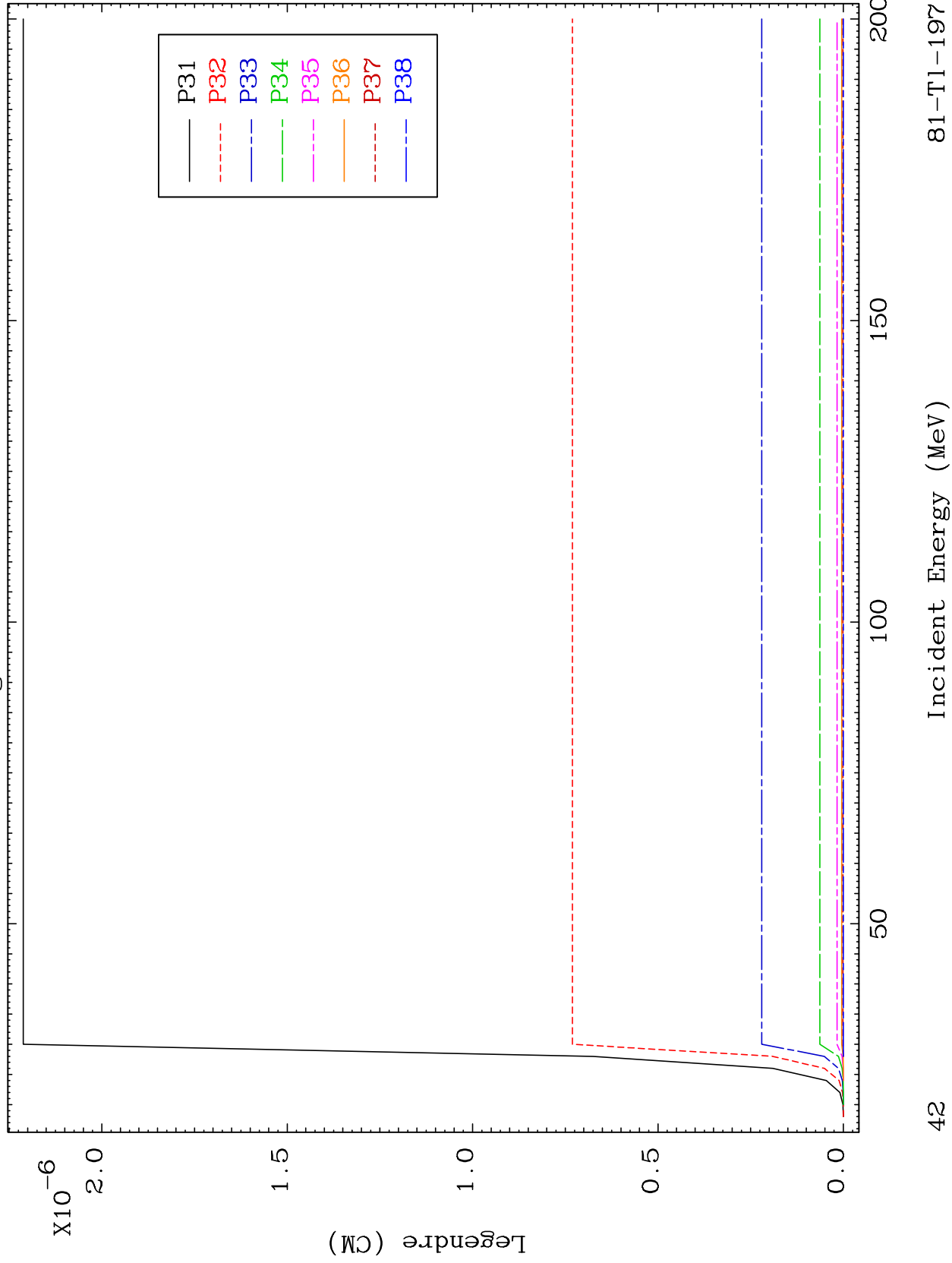
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MAT 8107

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

81-T1-197



42

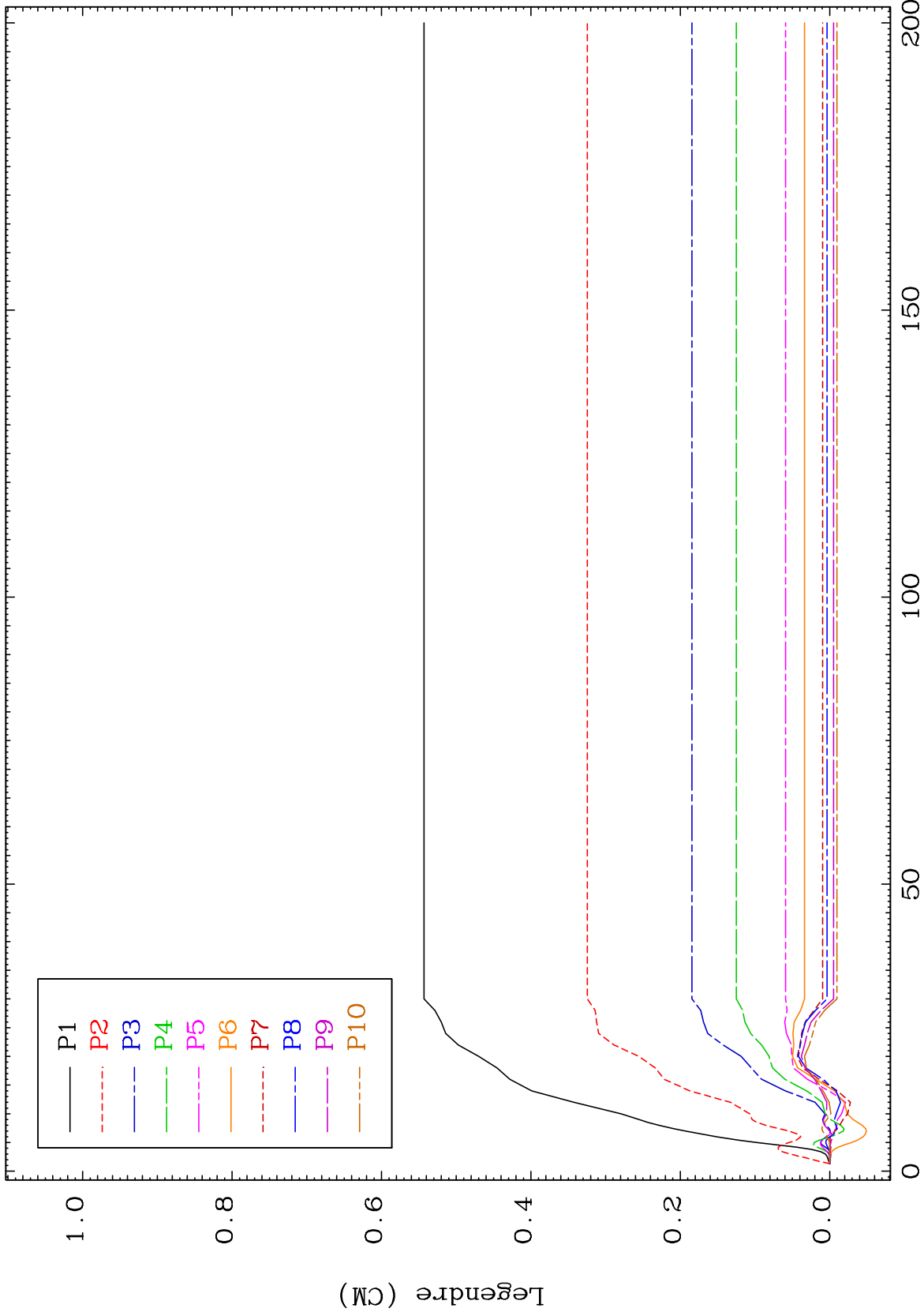
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



43

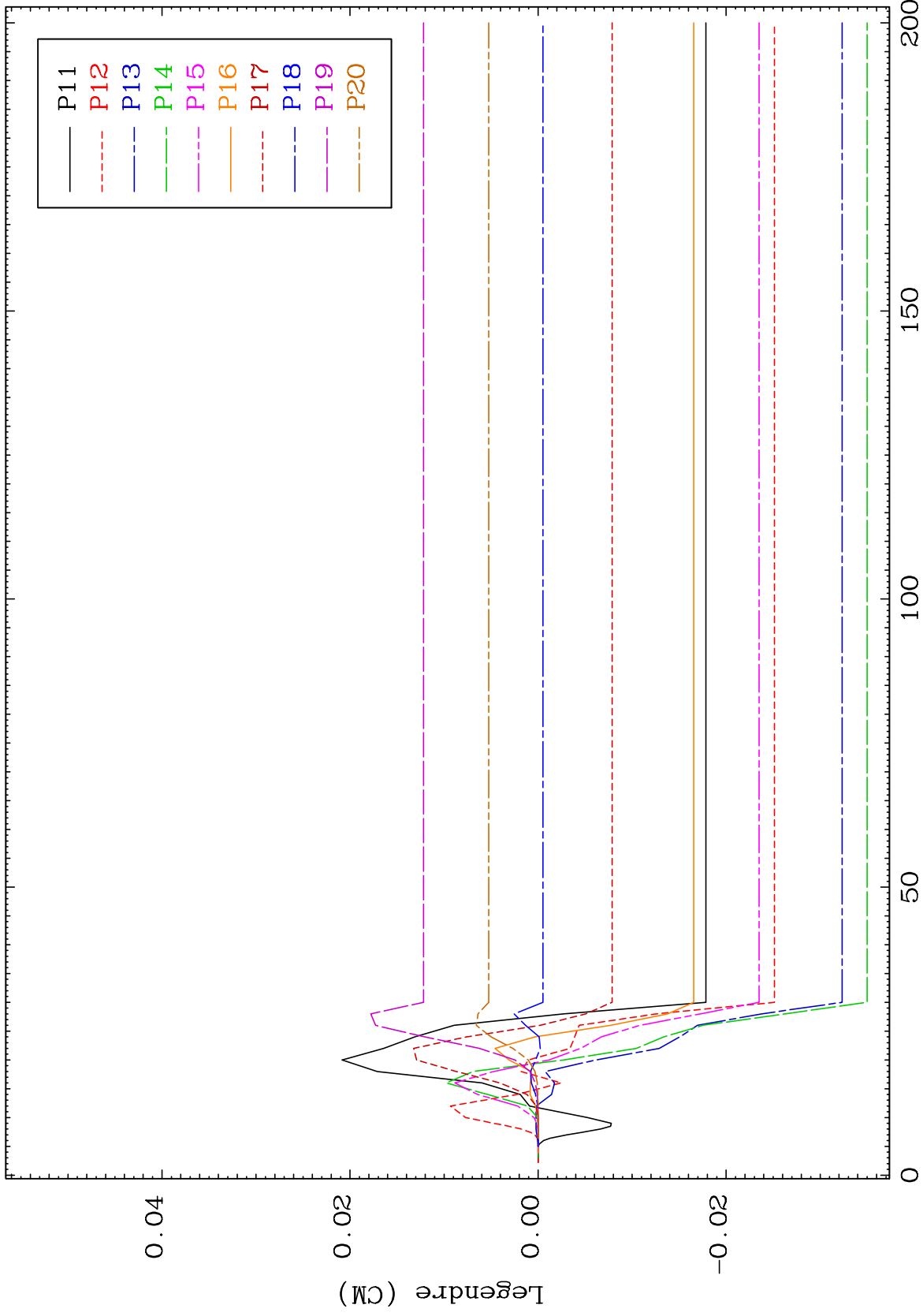
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



44

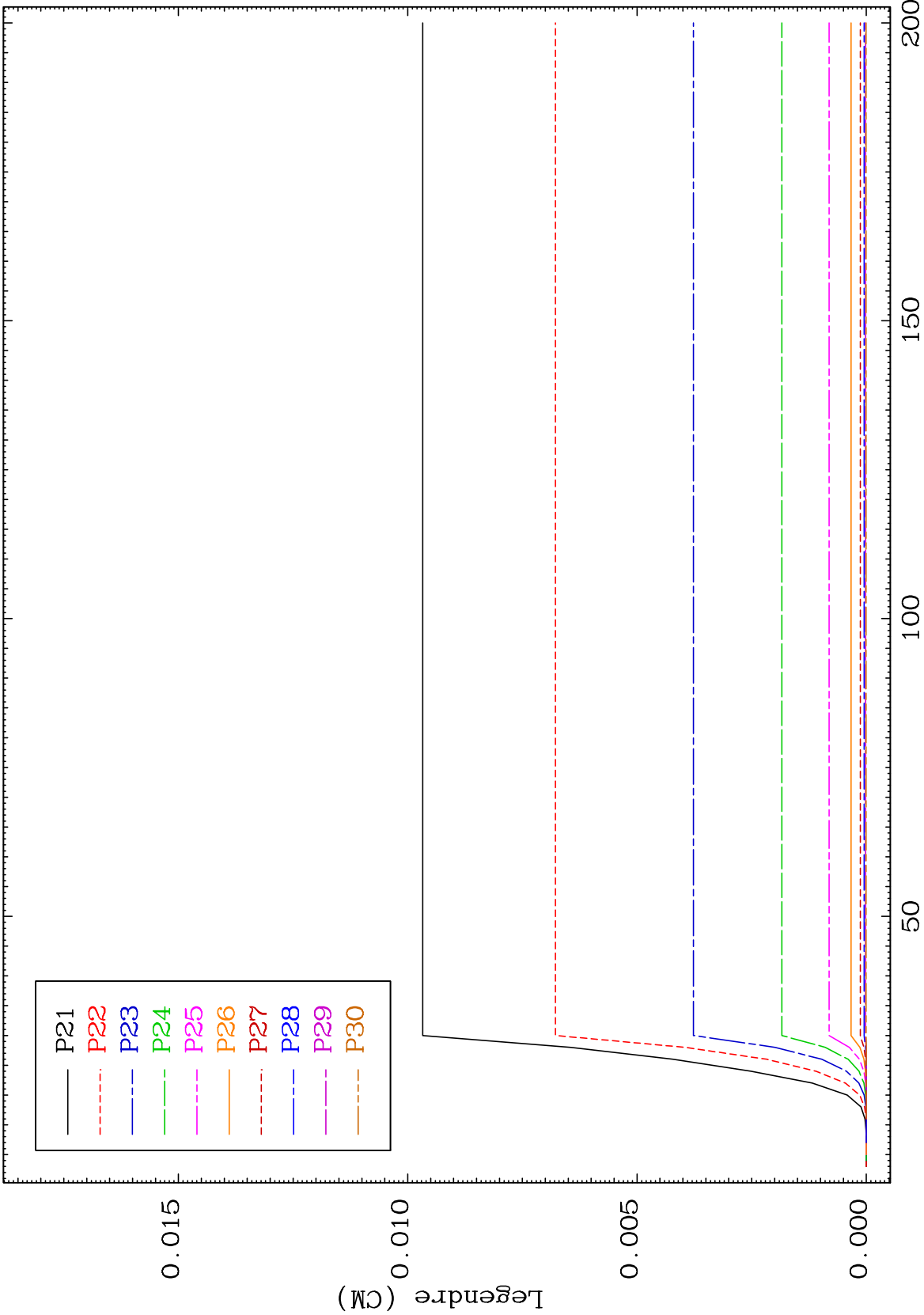
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



45

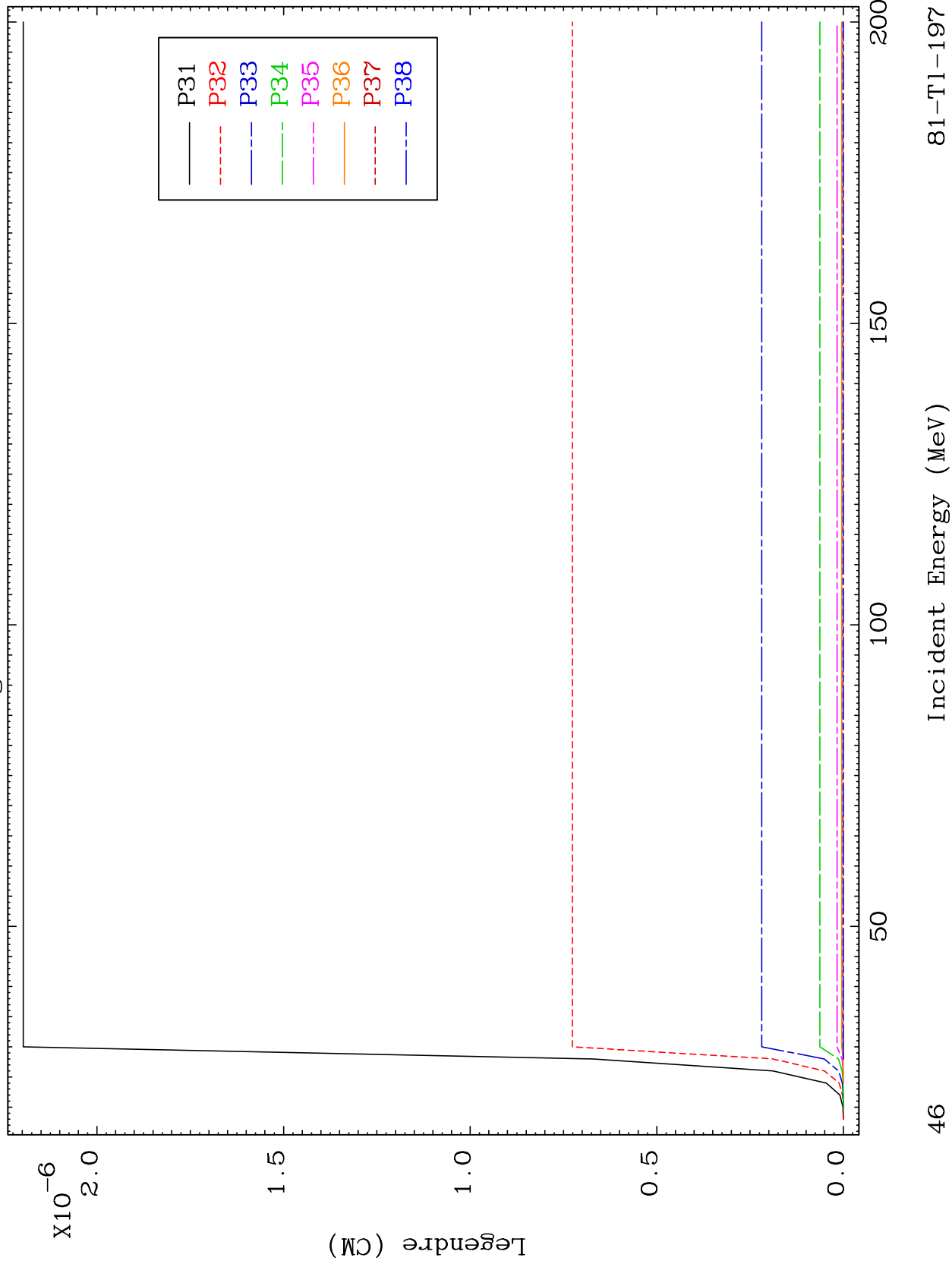
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



46

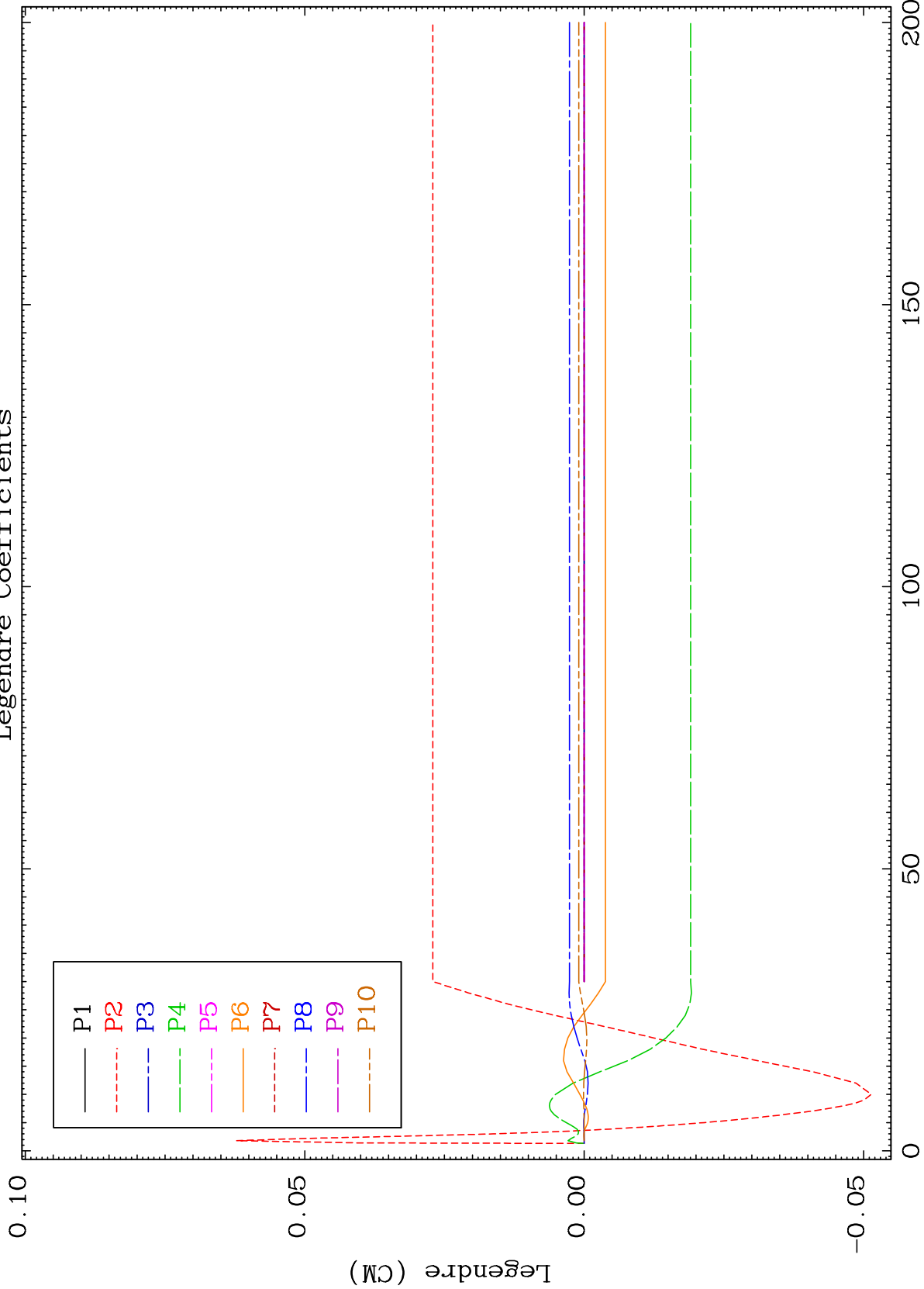
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



47

Incident Energy (MeV)

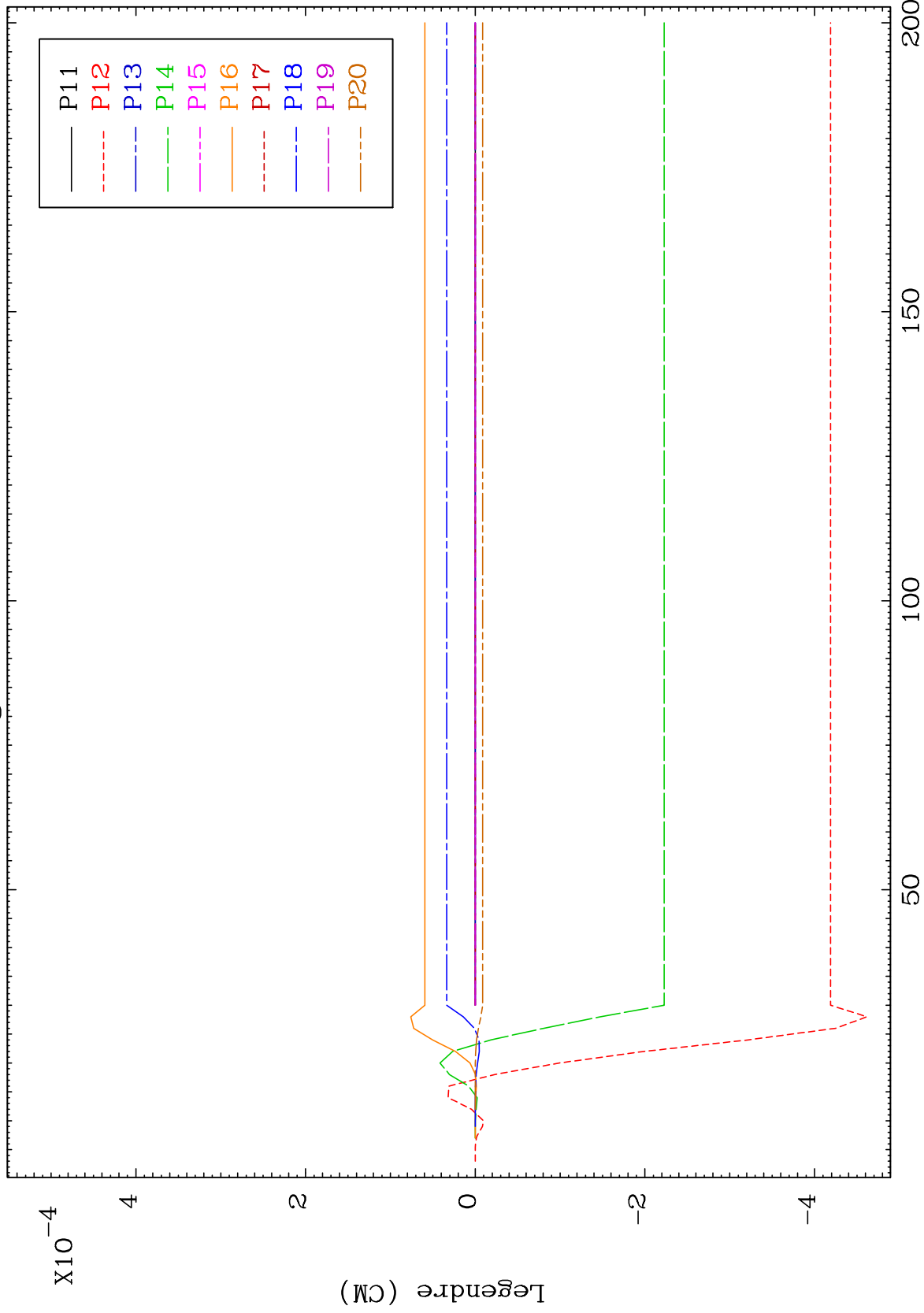
81-T1-197



MAT 8107

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

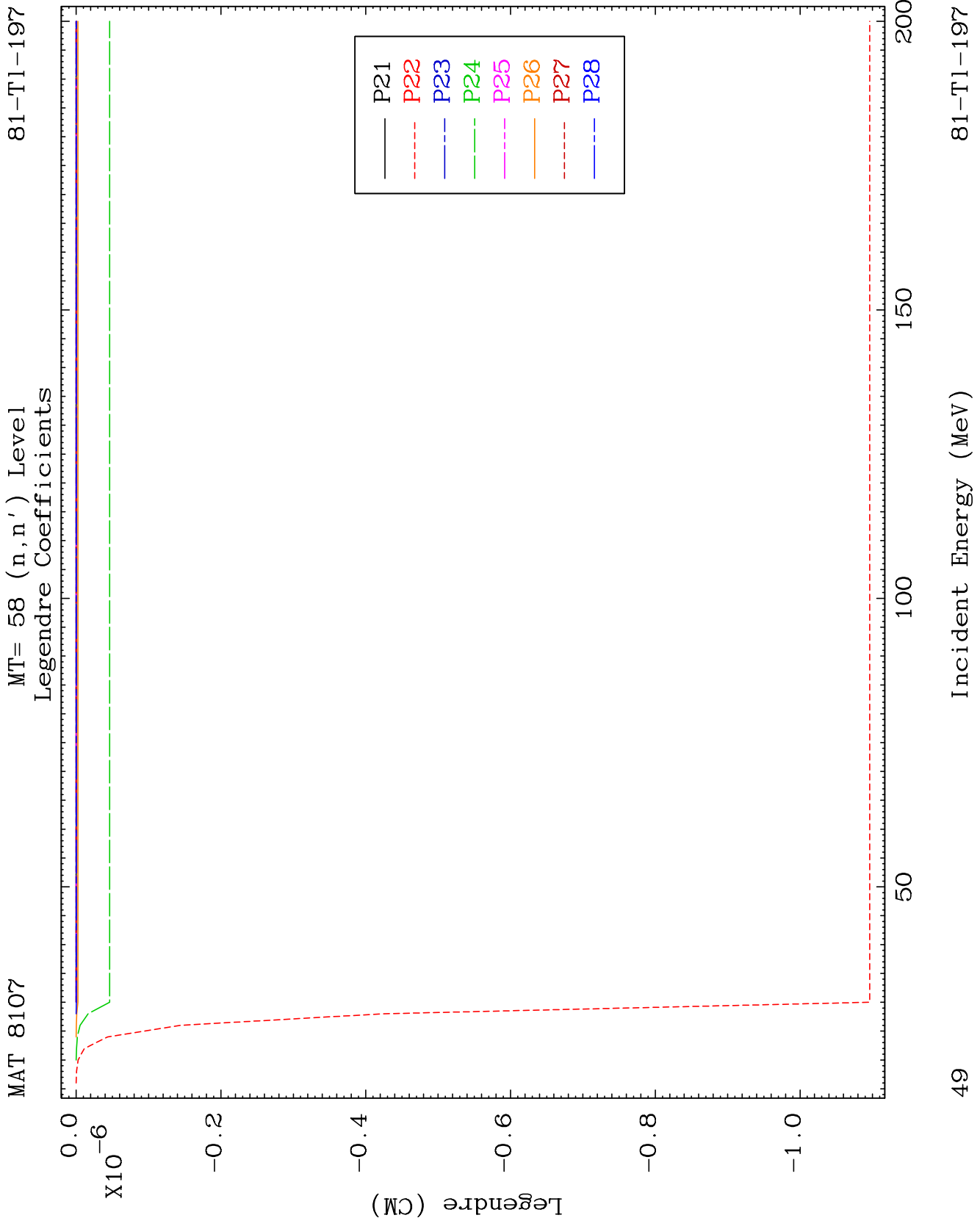
81-Tl-197



48

Incident Energy (MeV)

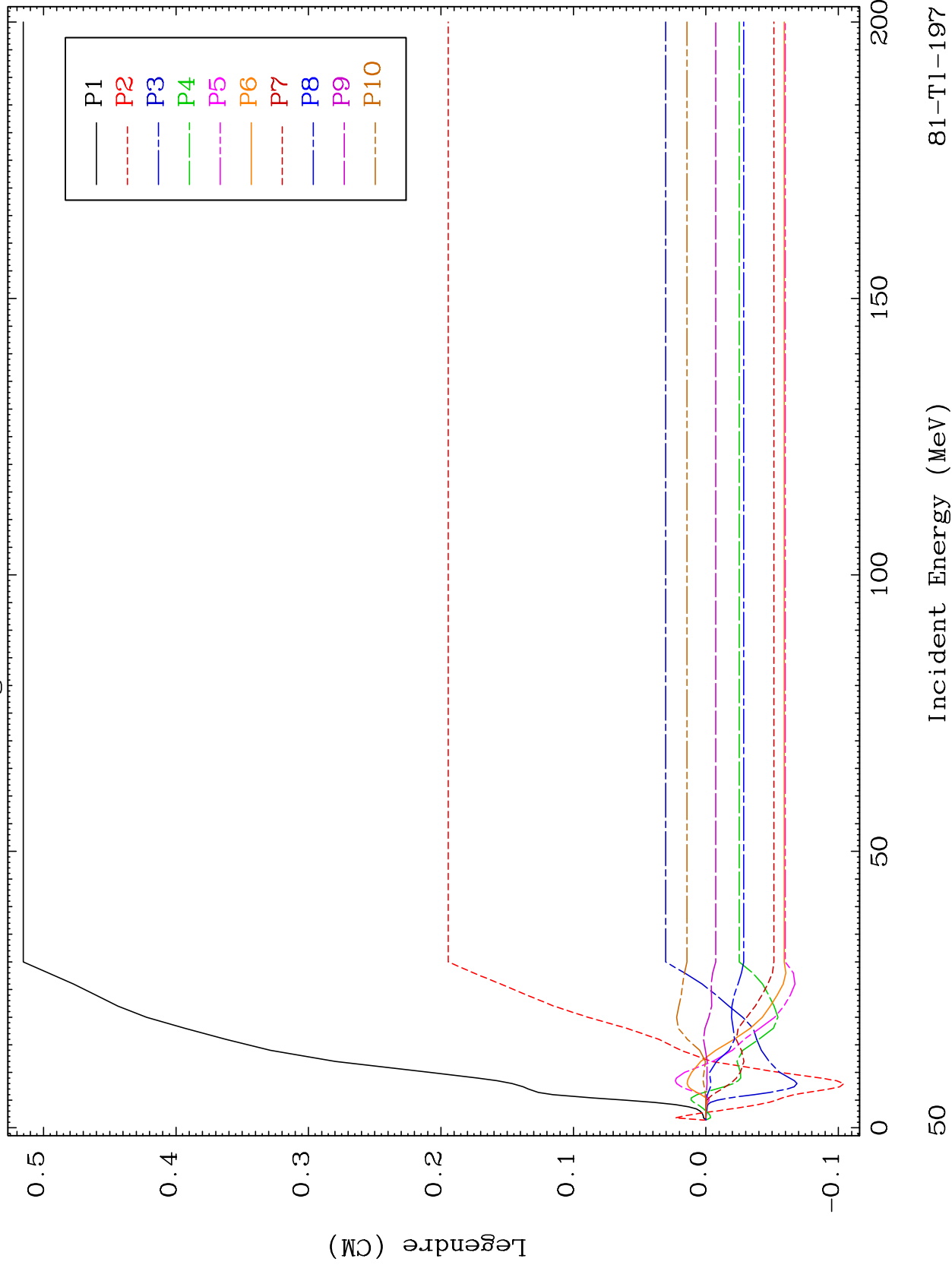
81-Tl-197



MAT 8107

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

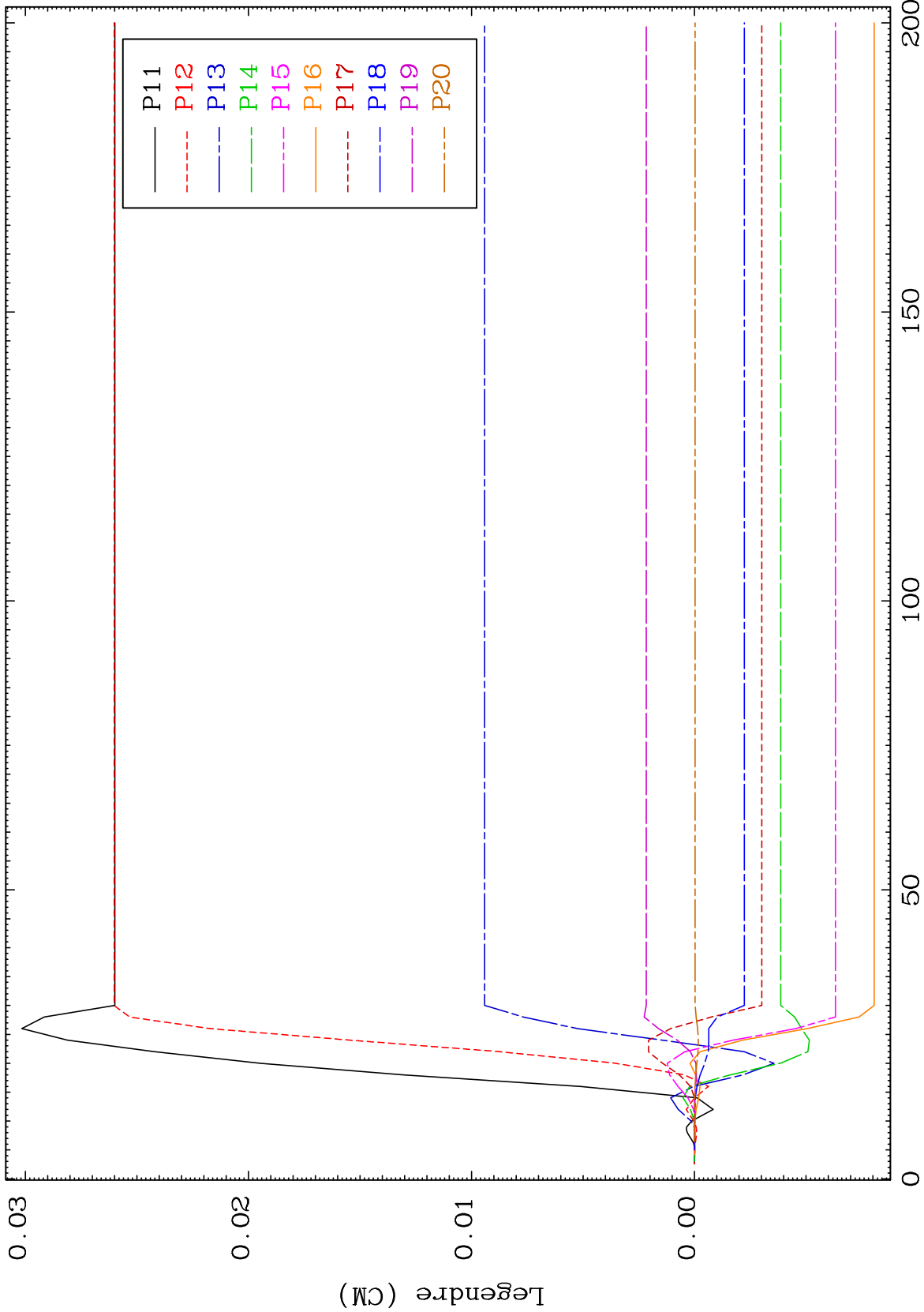
81-T1-197



MAT 8107

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

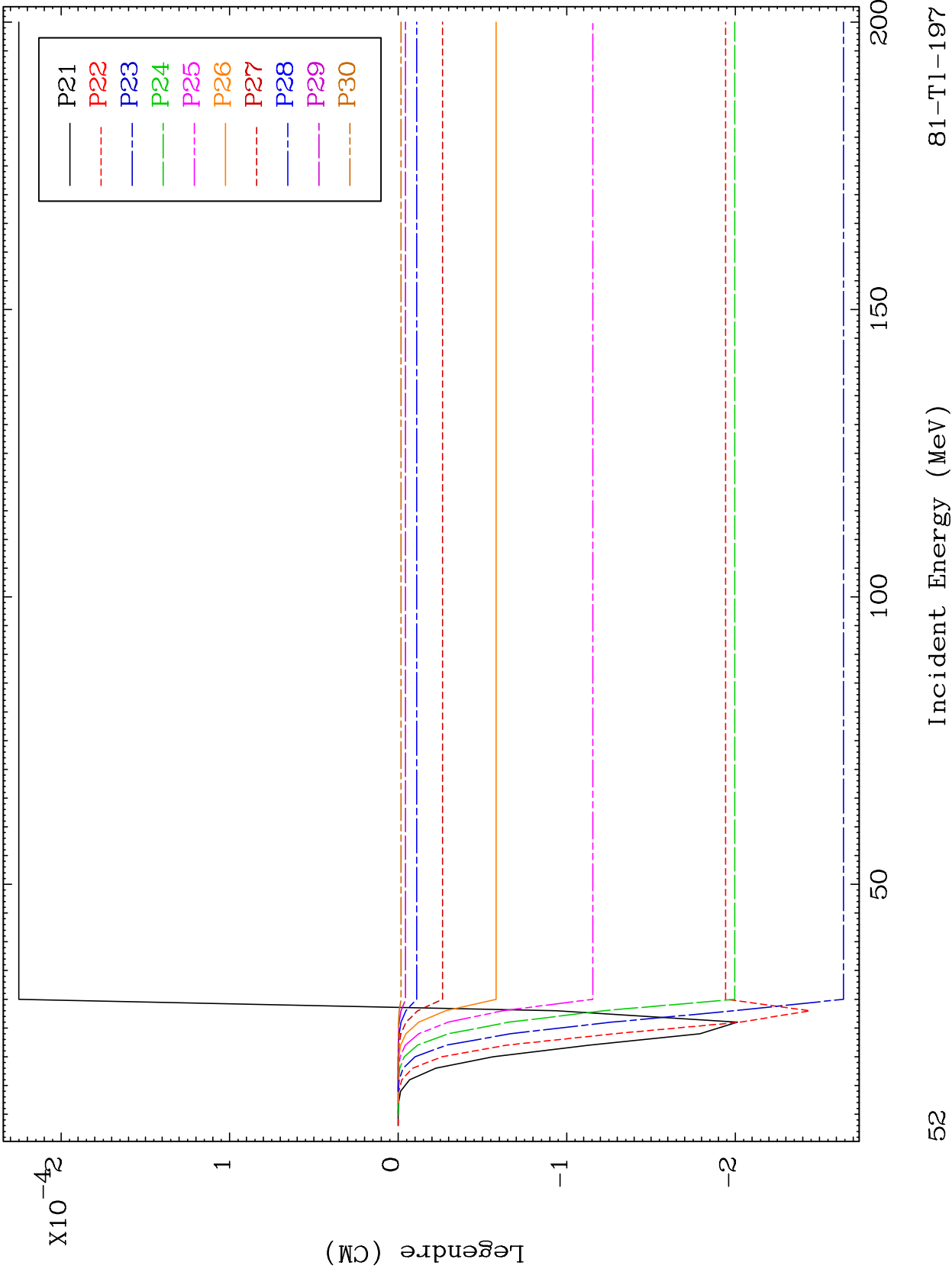
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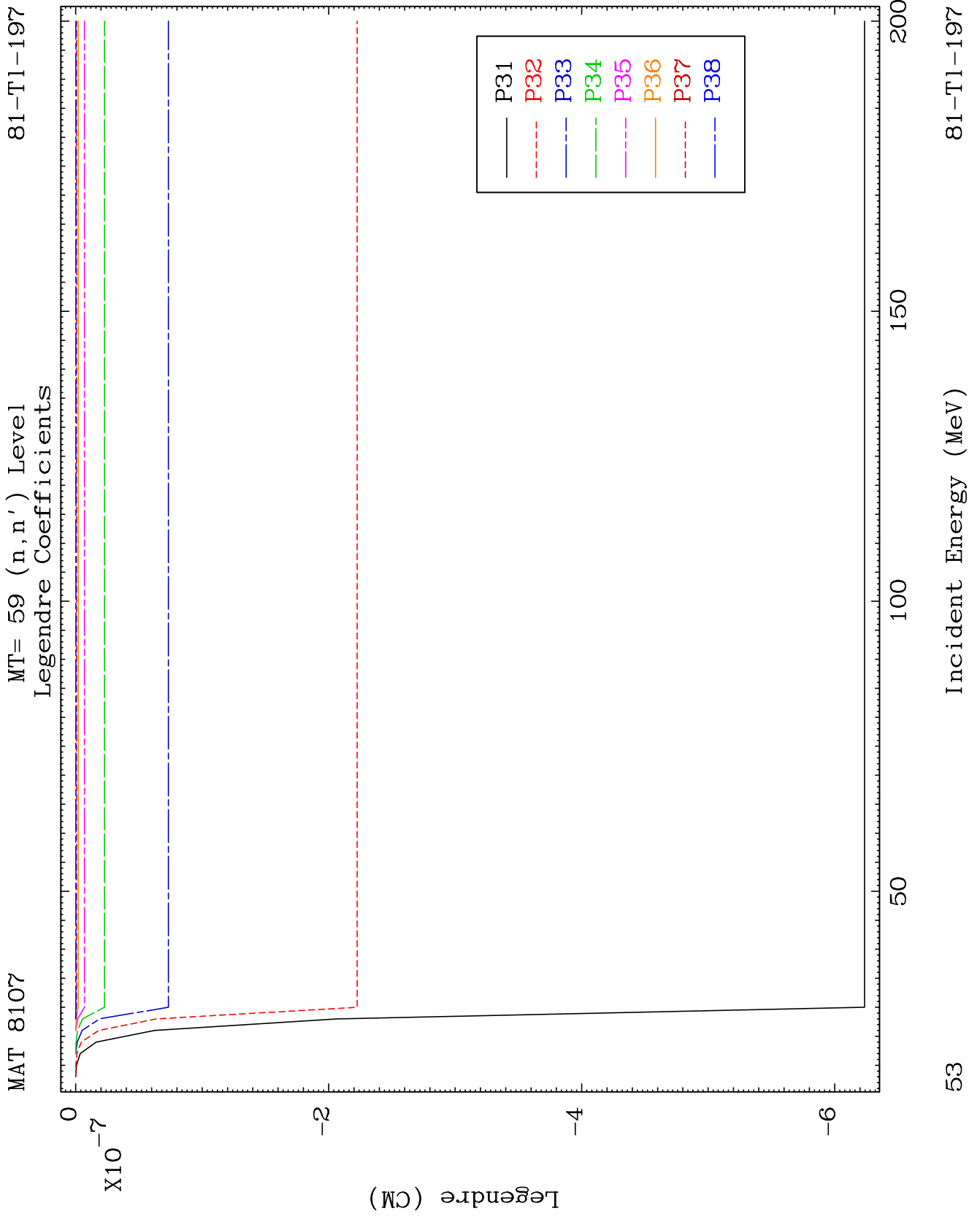


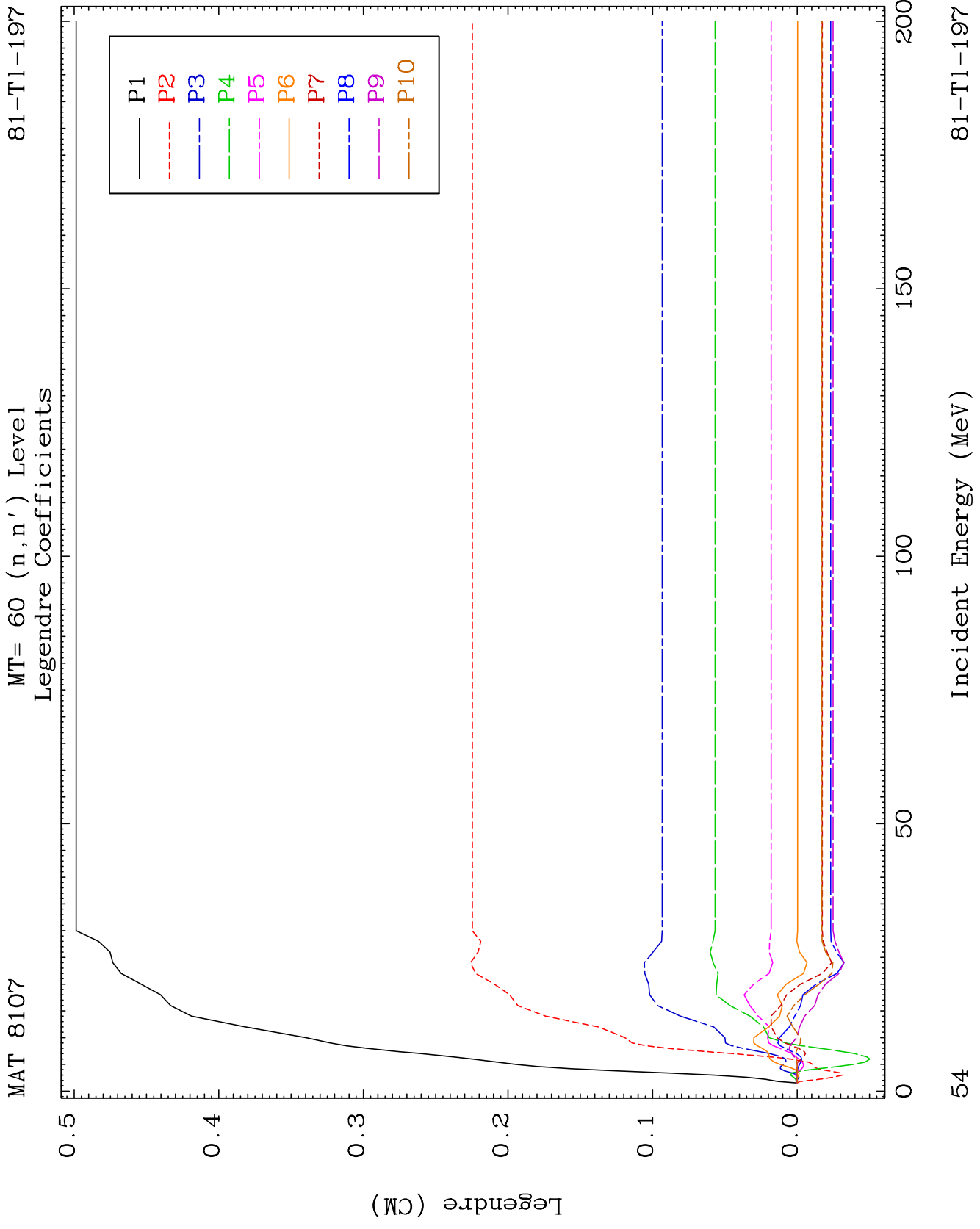
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Incident Energy (MeV)

81-Tl-197



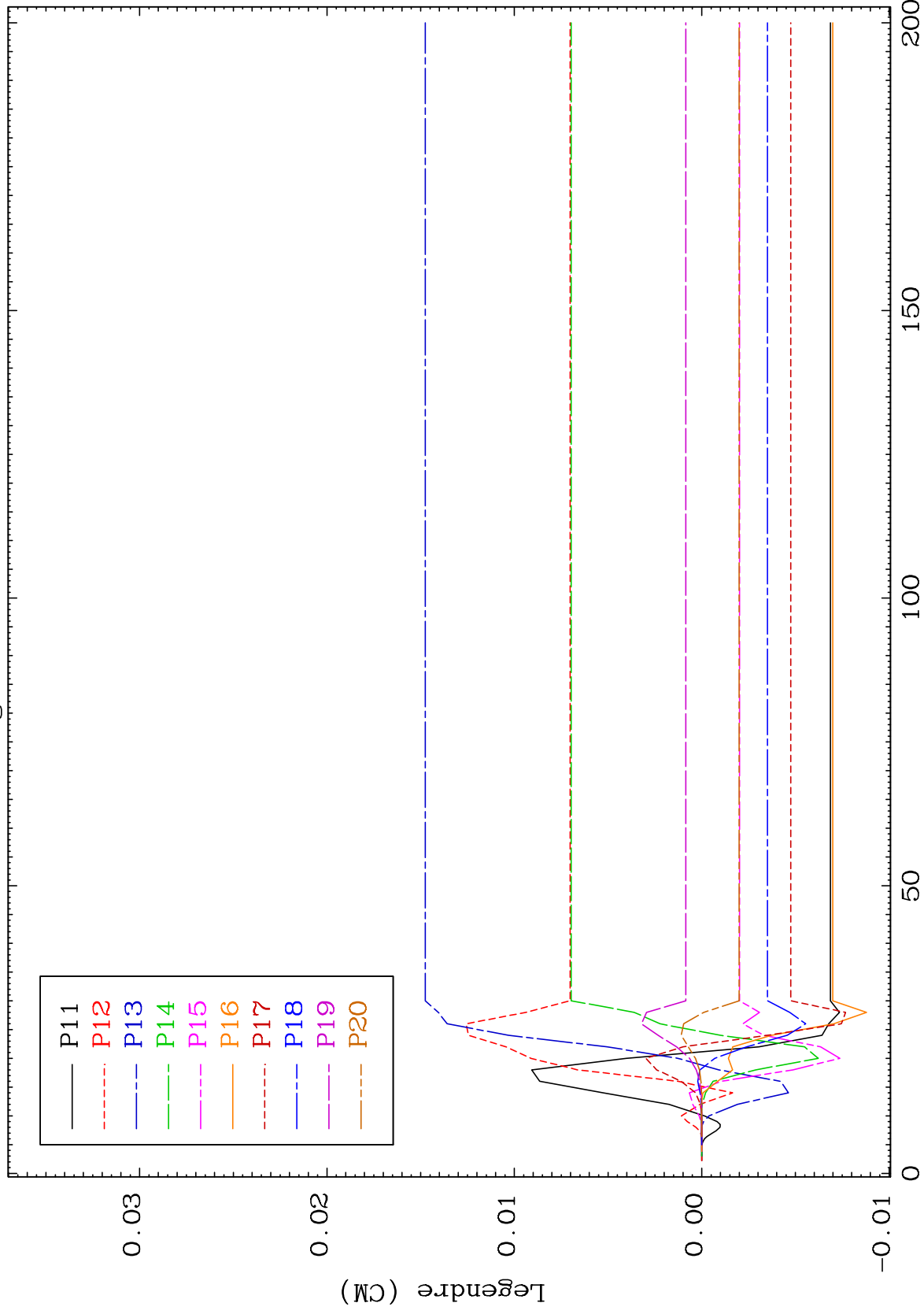




MAT 8107

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

81-T1-197

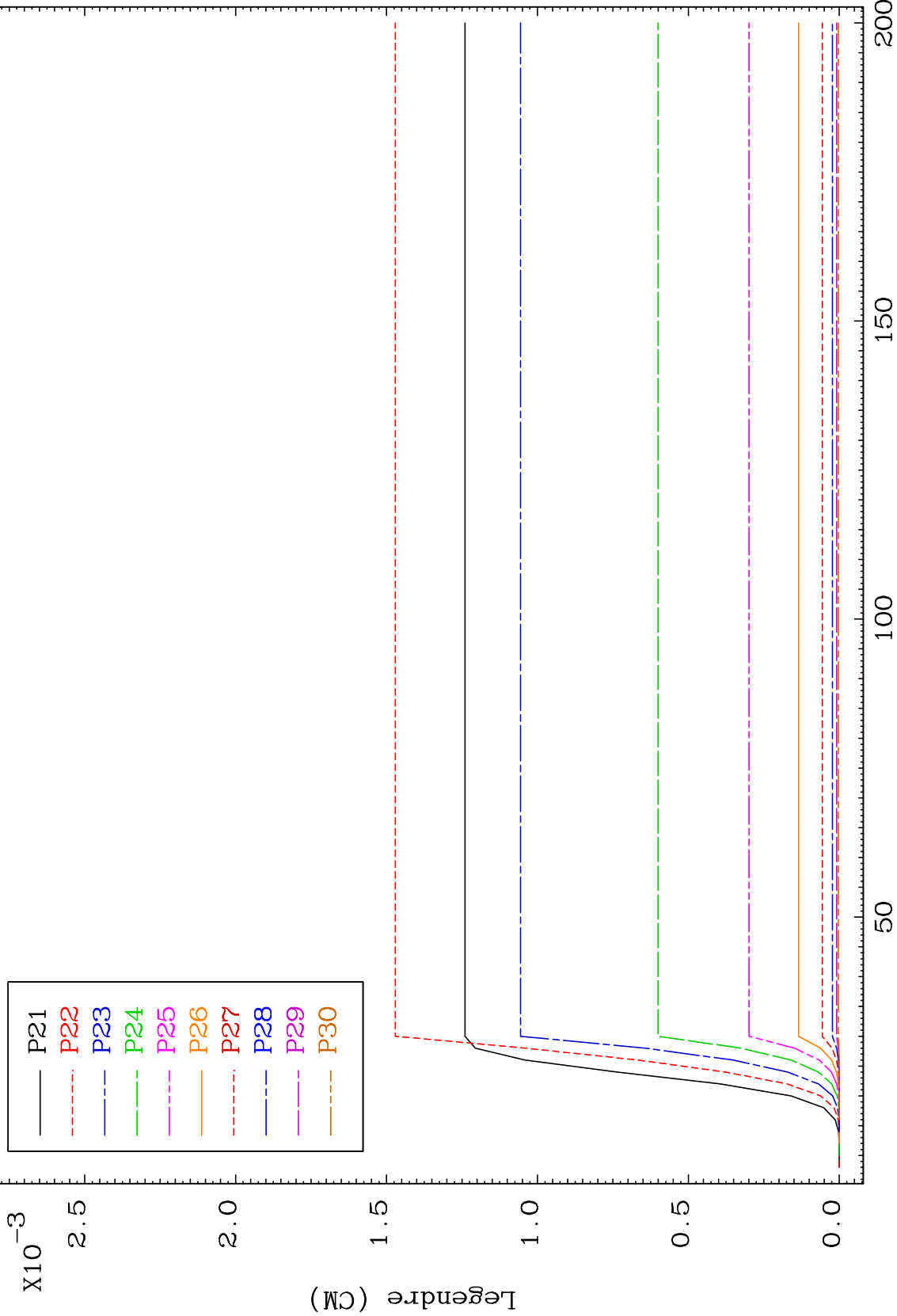
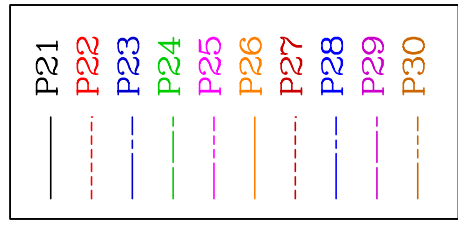


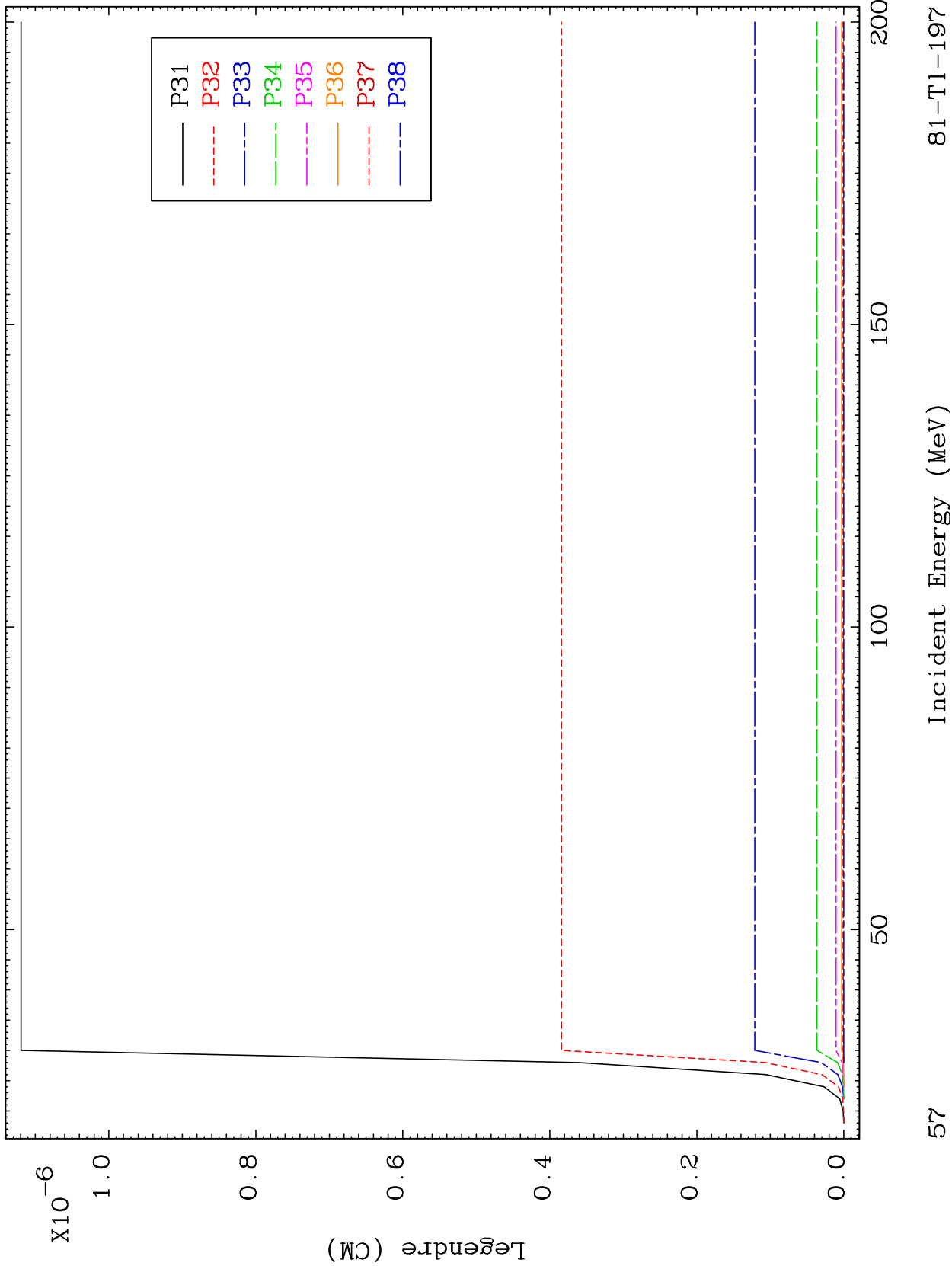
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Incident Energy (MeV)

81-T1-197



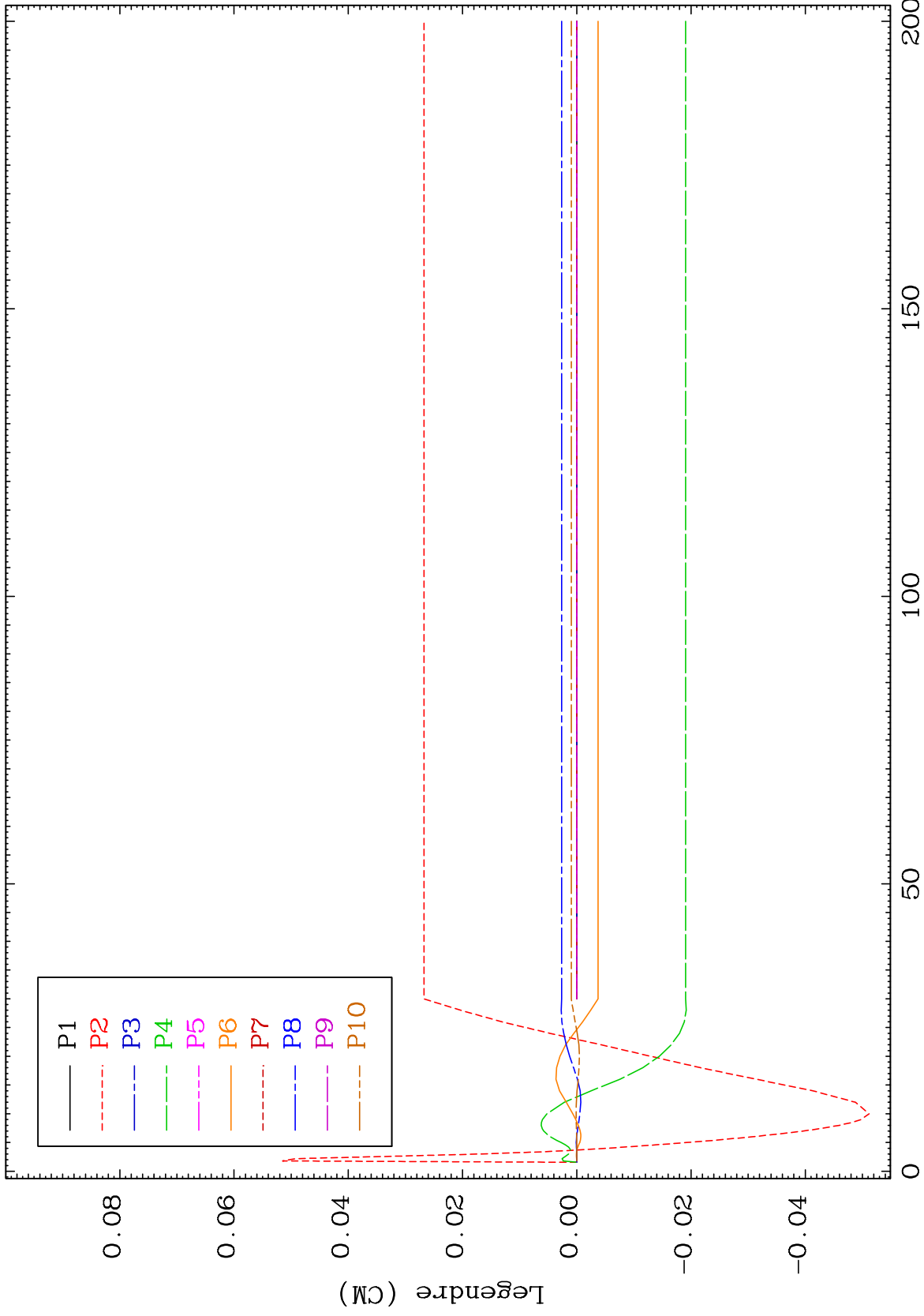




MAT 8107

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

81-T1-197



58

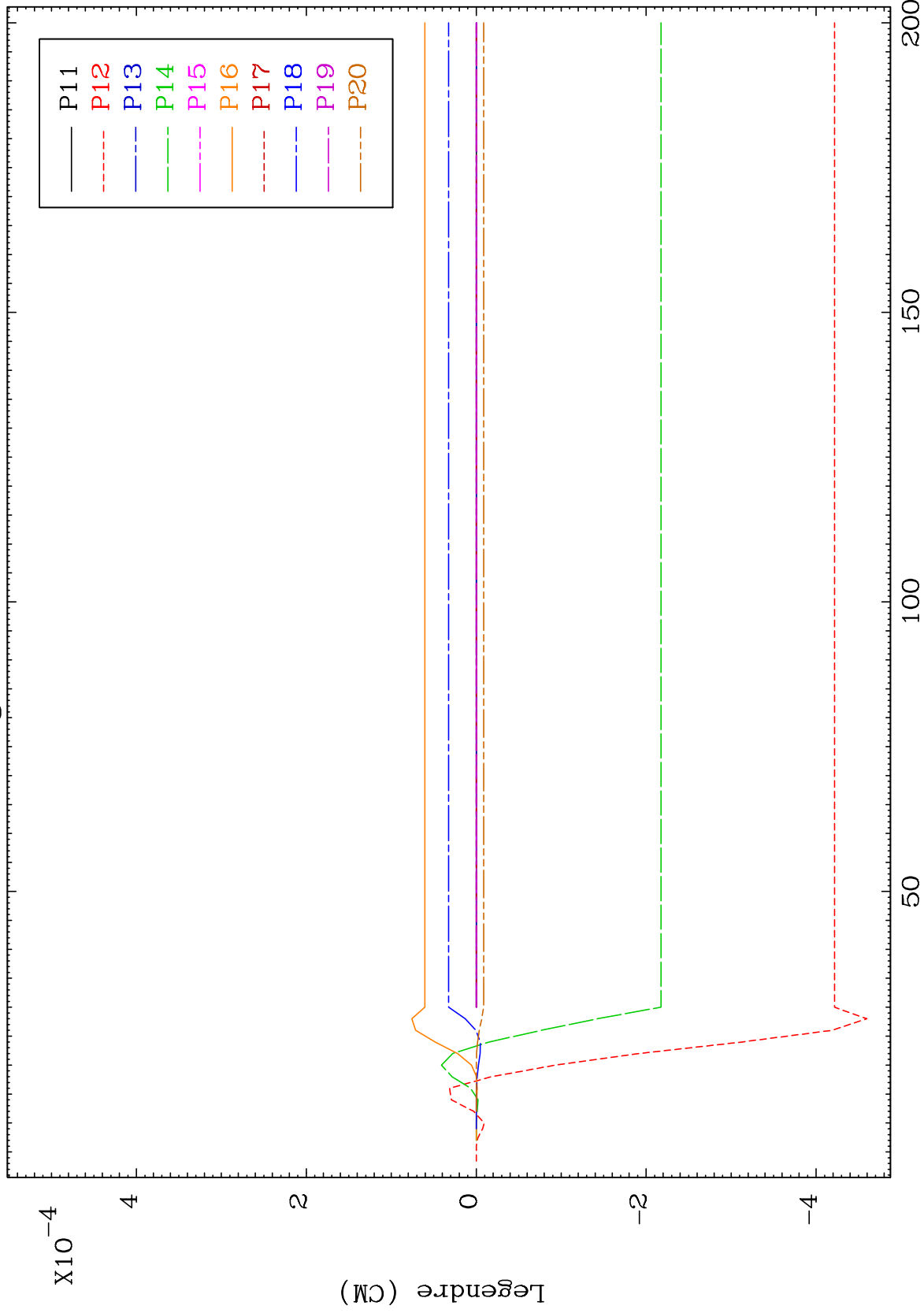
Incident Energy (MeV)

81-T1-197

MAT 8107

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

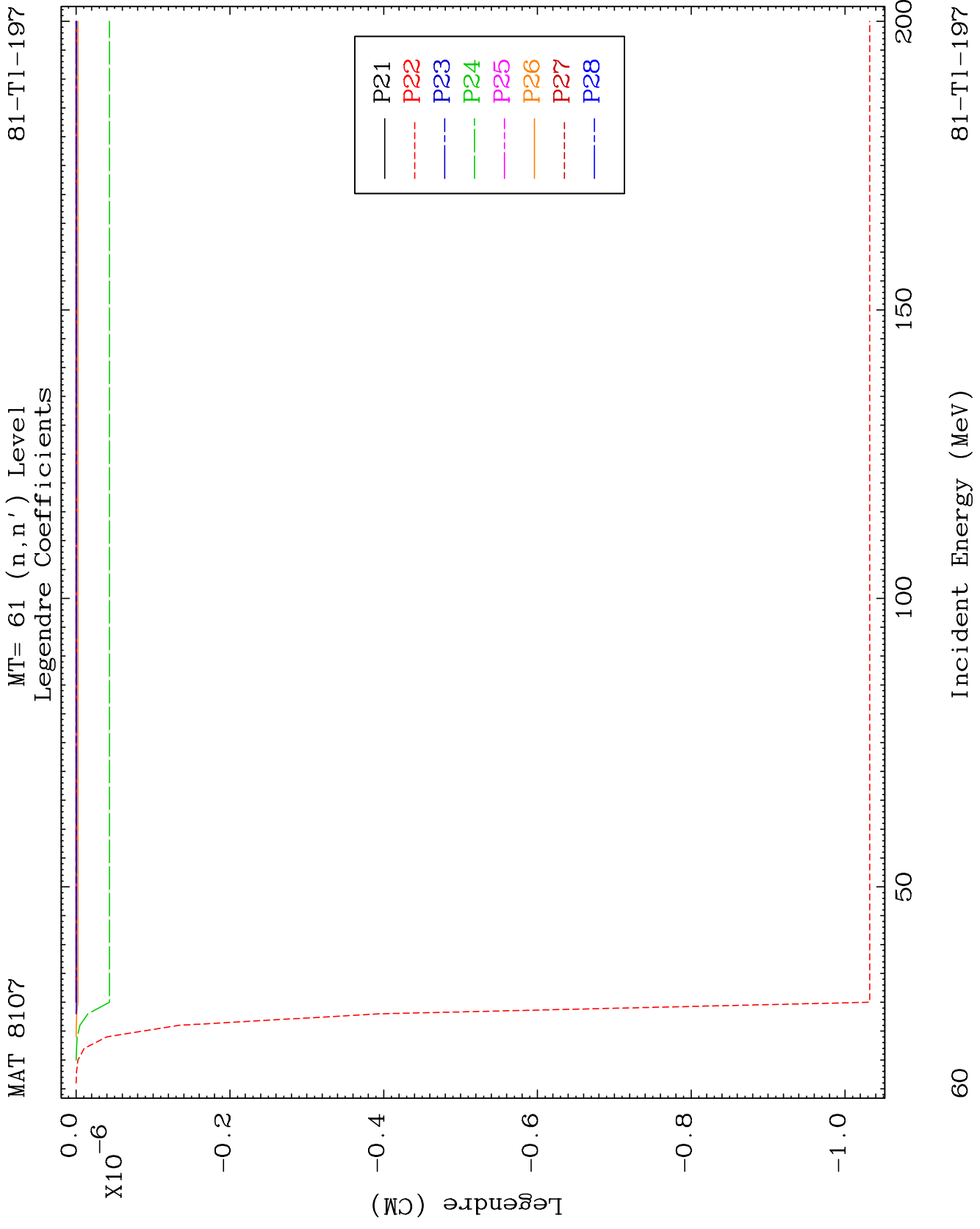
81-Tl-197



59

Incident Energy (MeV)

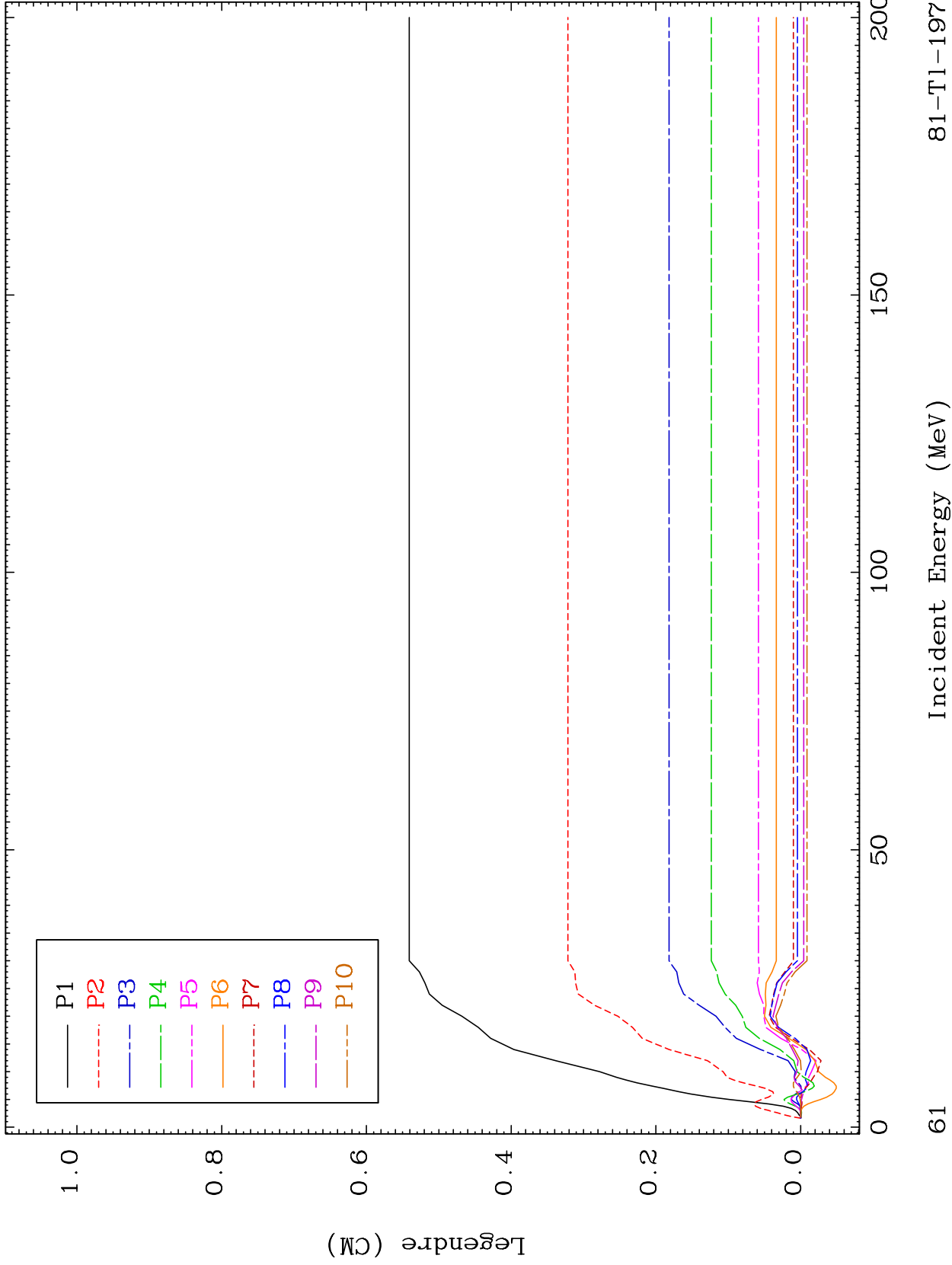
81-Tl-197



MAT 8107

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

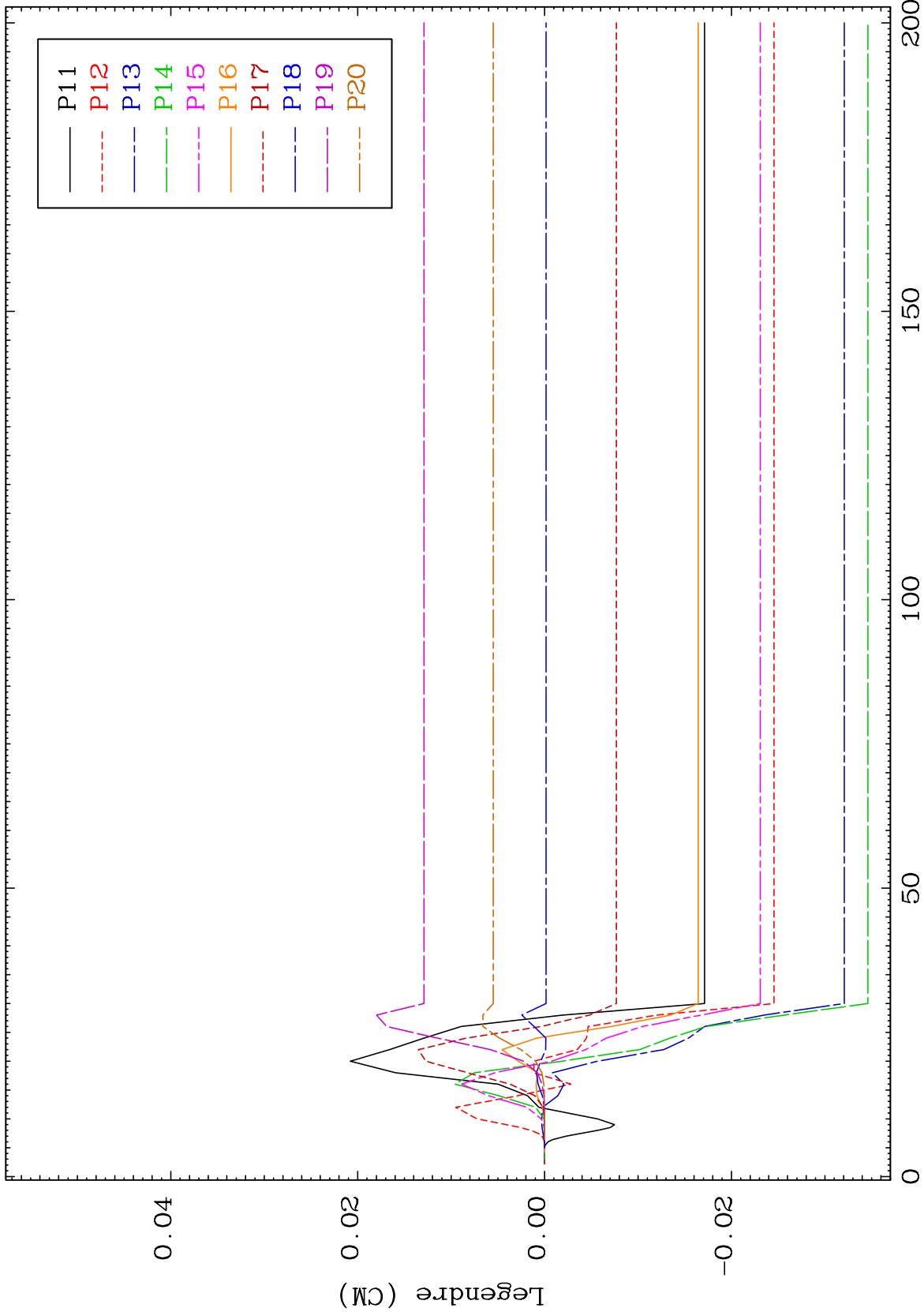
81-T1-197



MAT 8107

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

81-T1-197



62

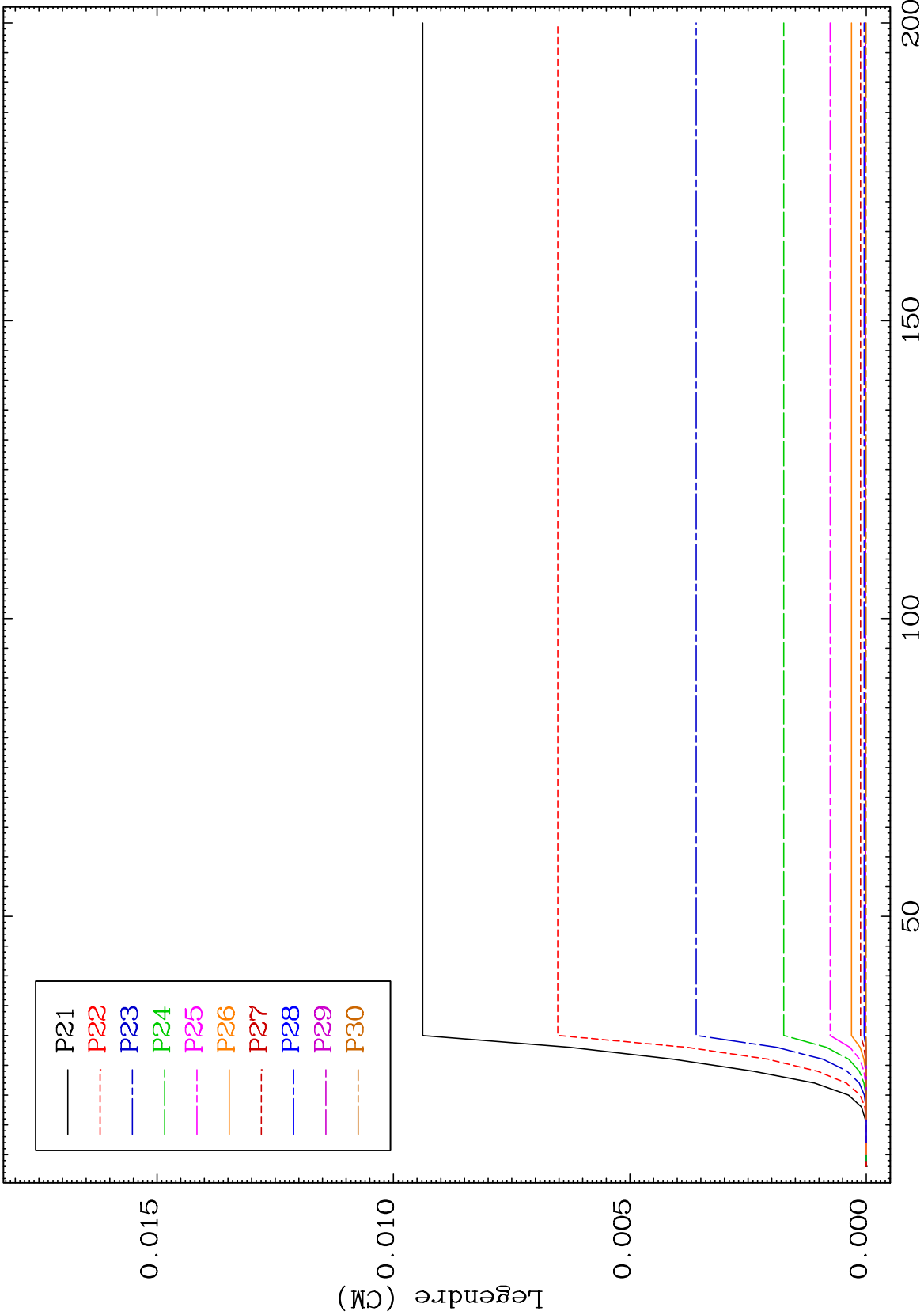
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



63

Incident Energy (MeV)

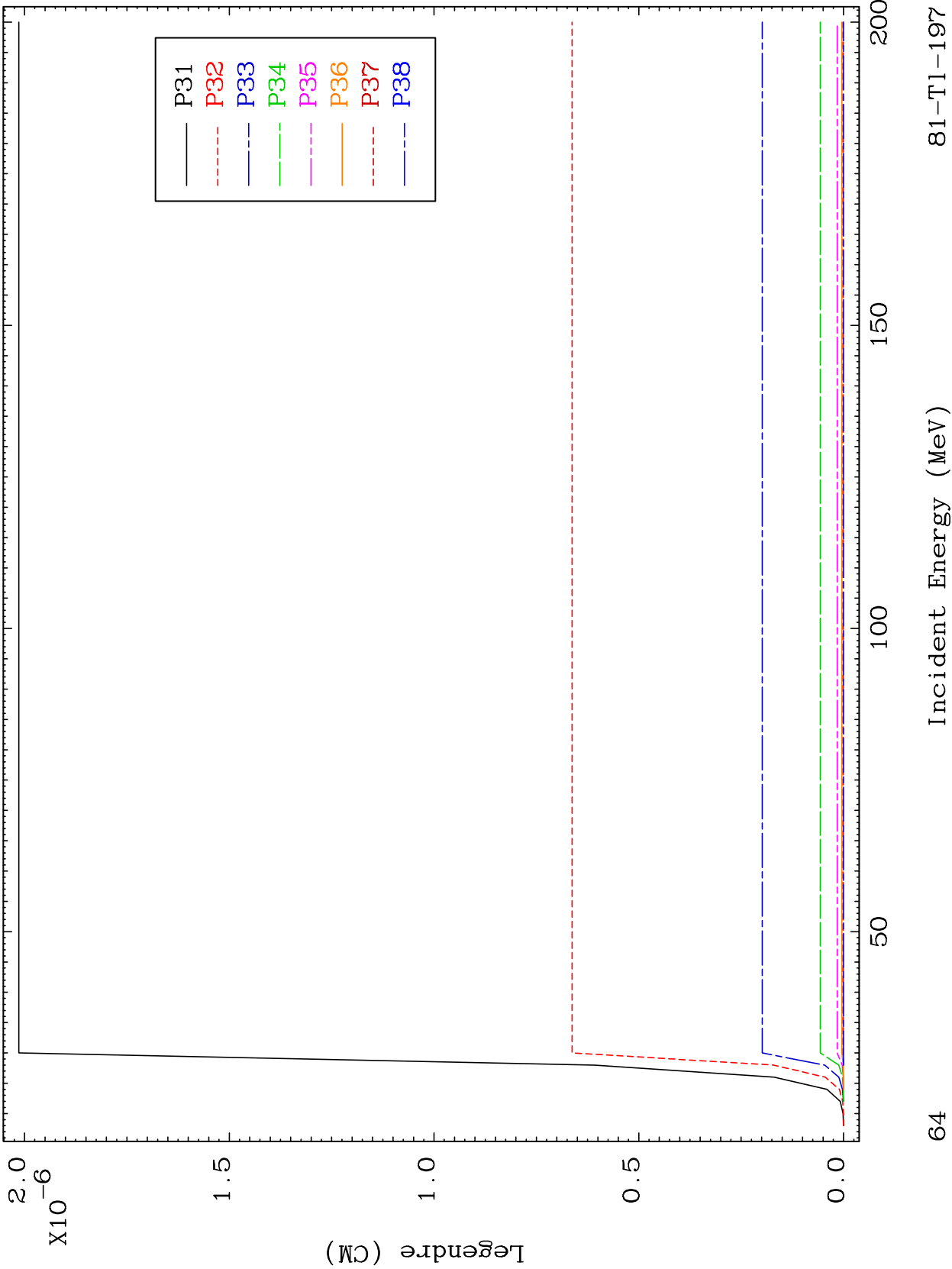
81-Tl-197



MAT 8107

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

81-T1-197



64

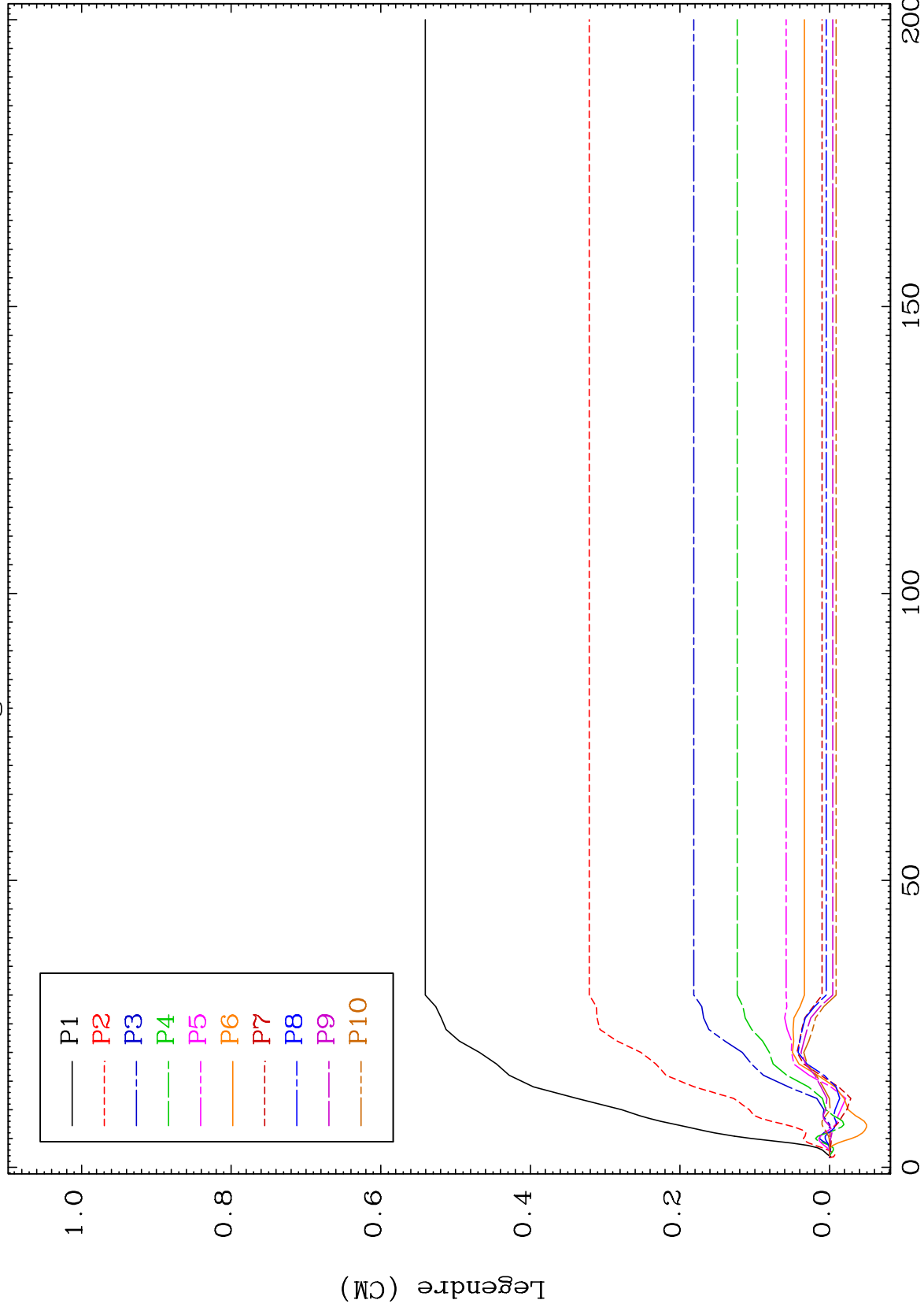
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



65

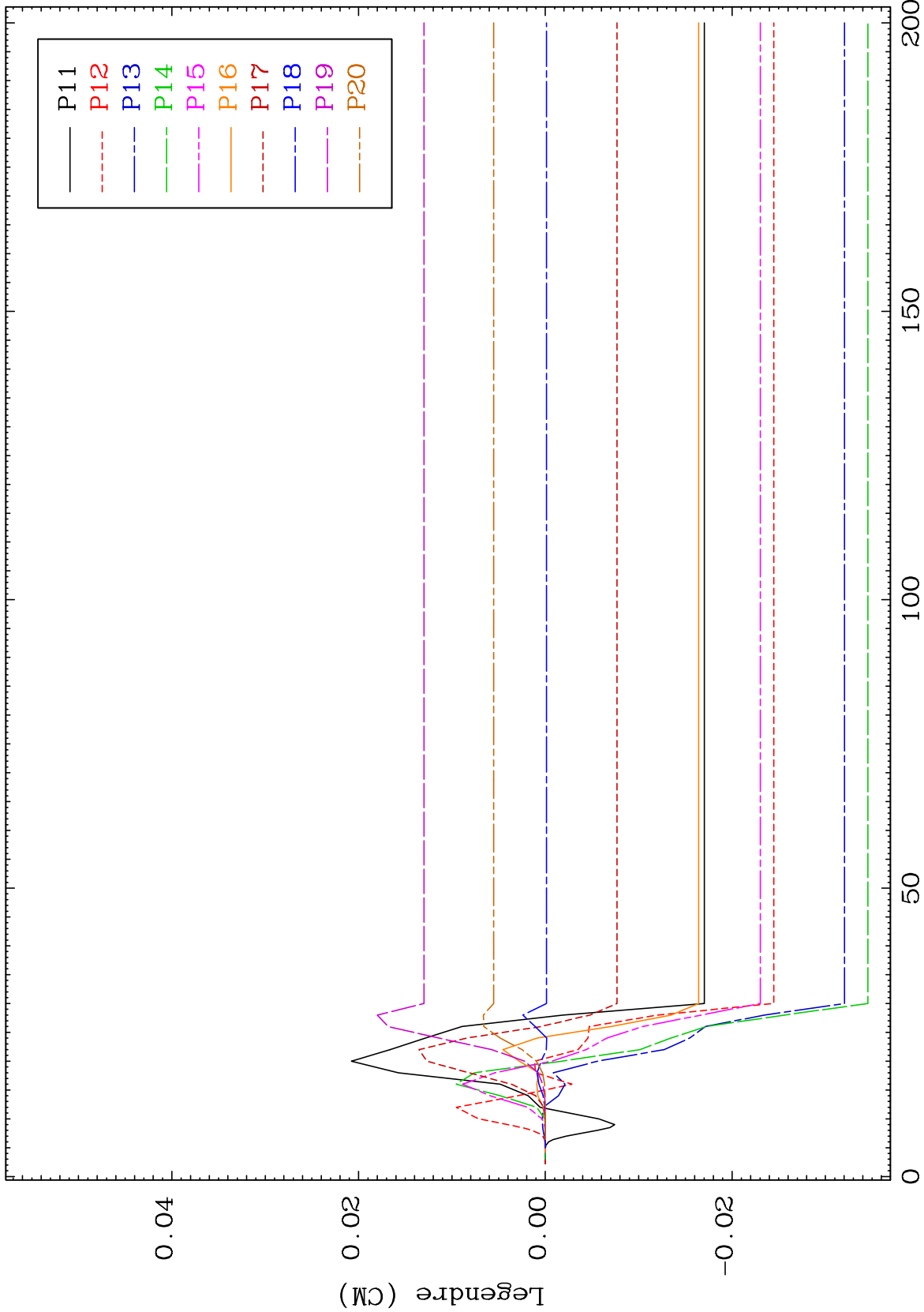
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



66

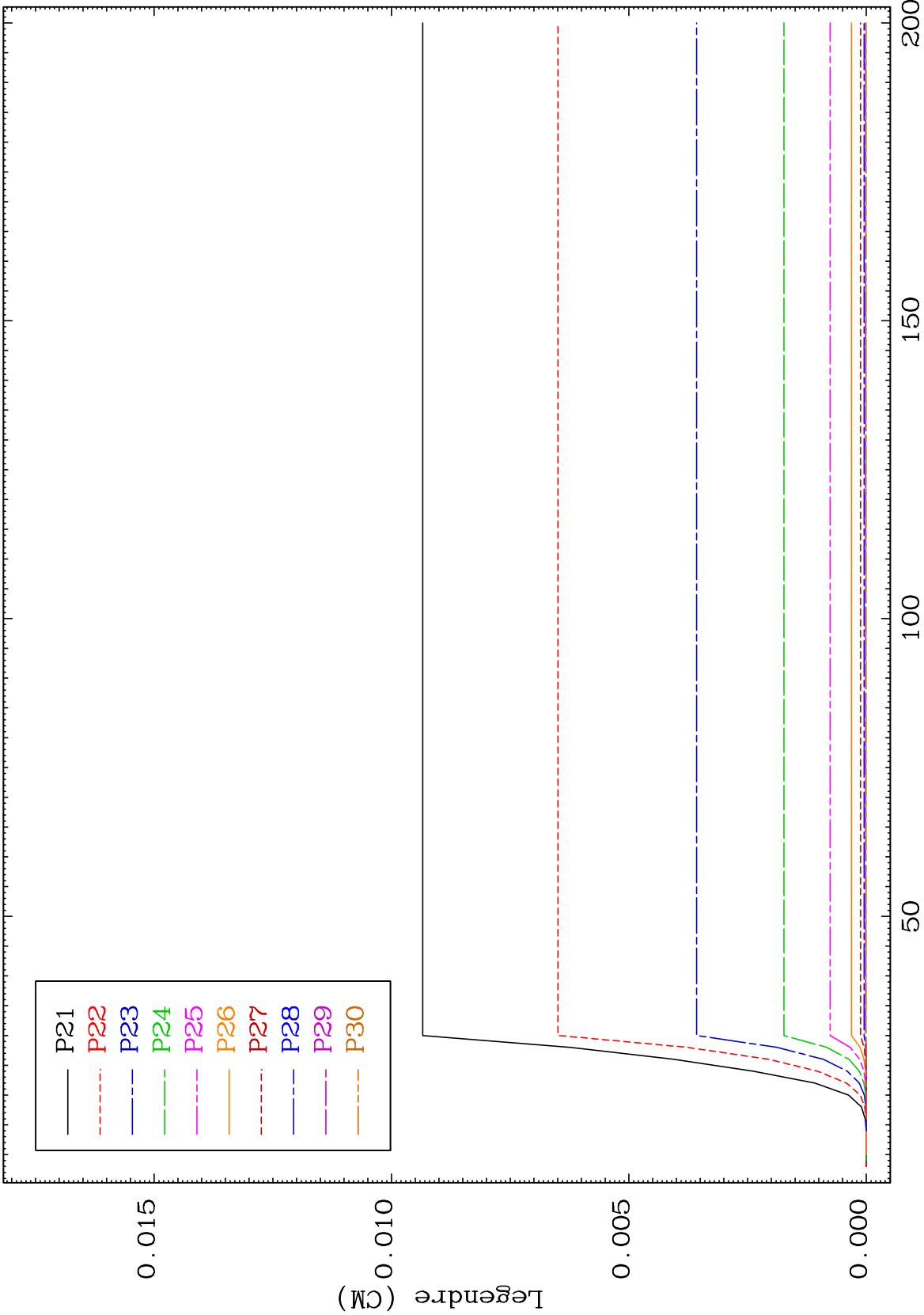
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



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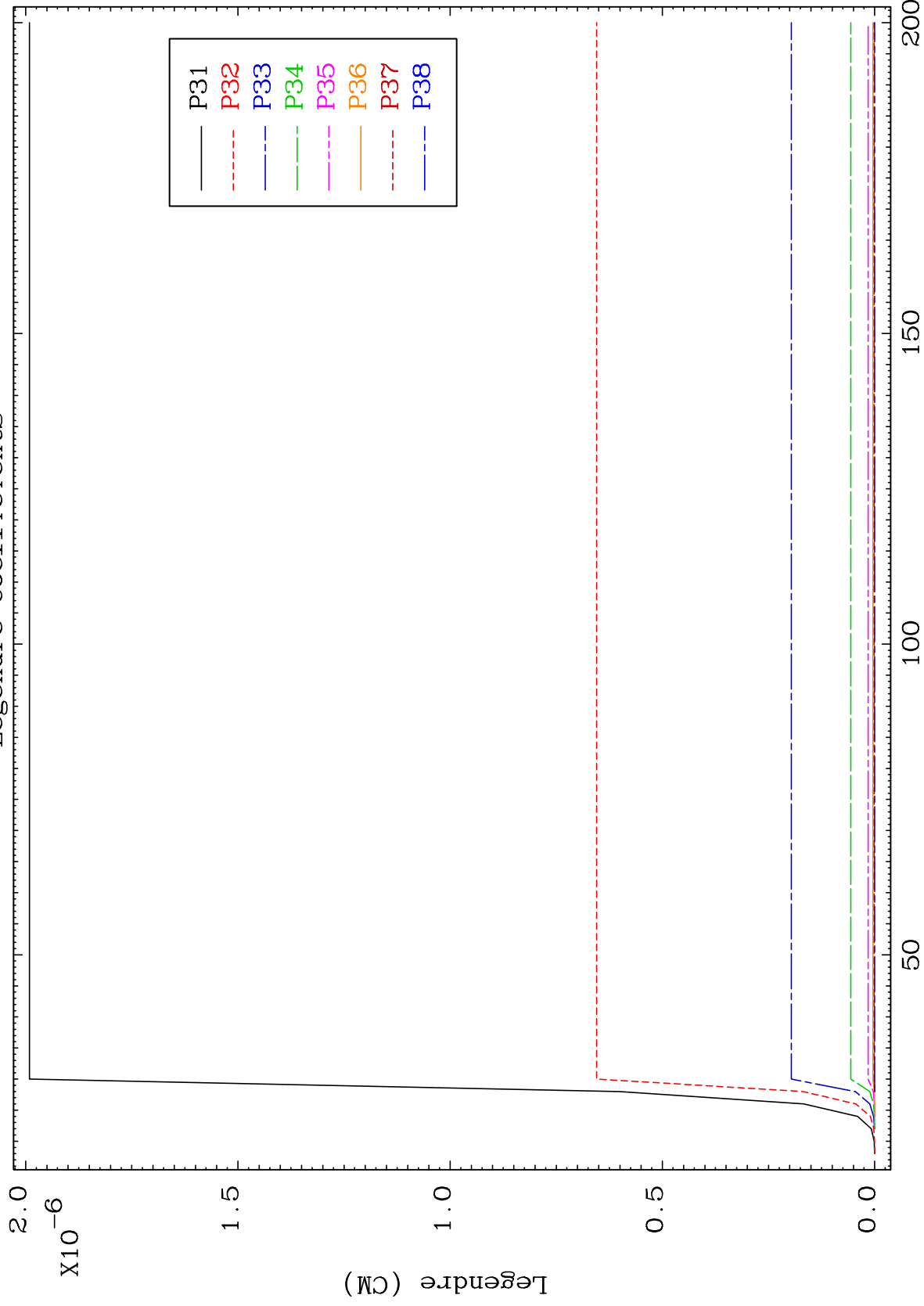
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



68

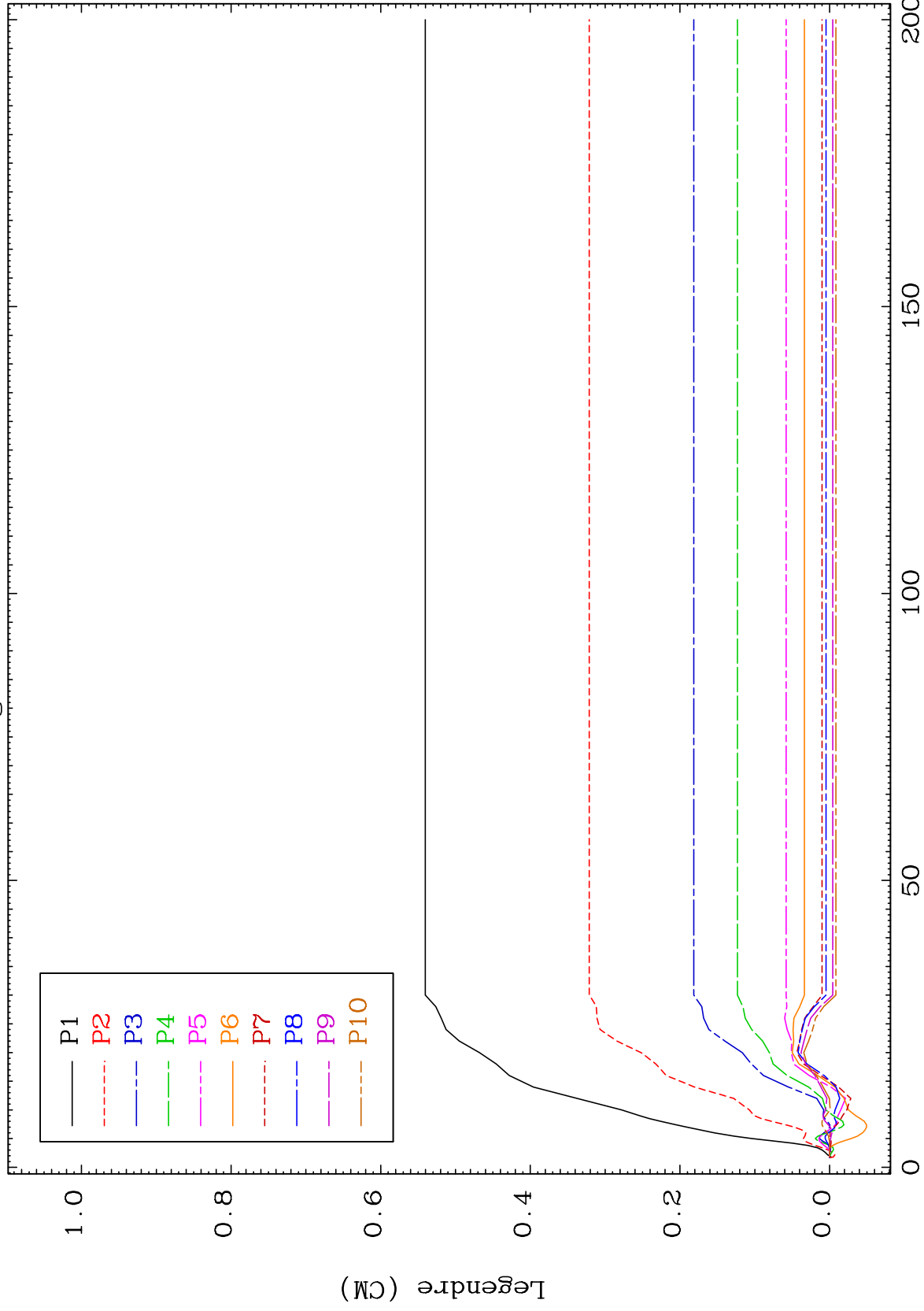
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



69

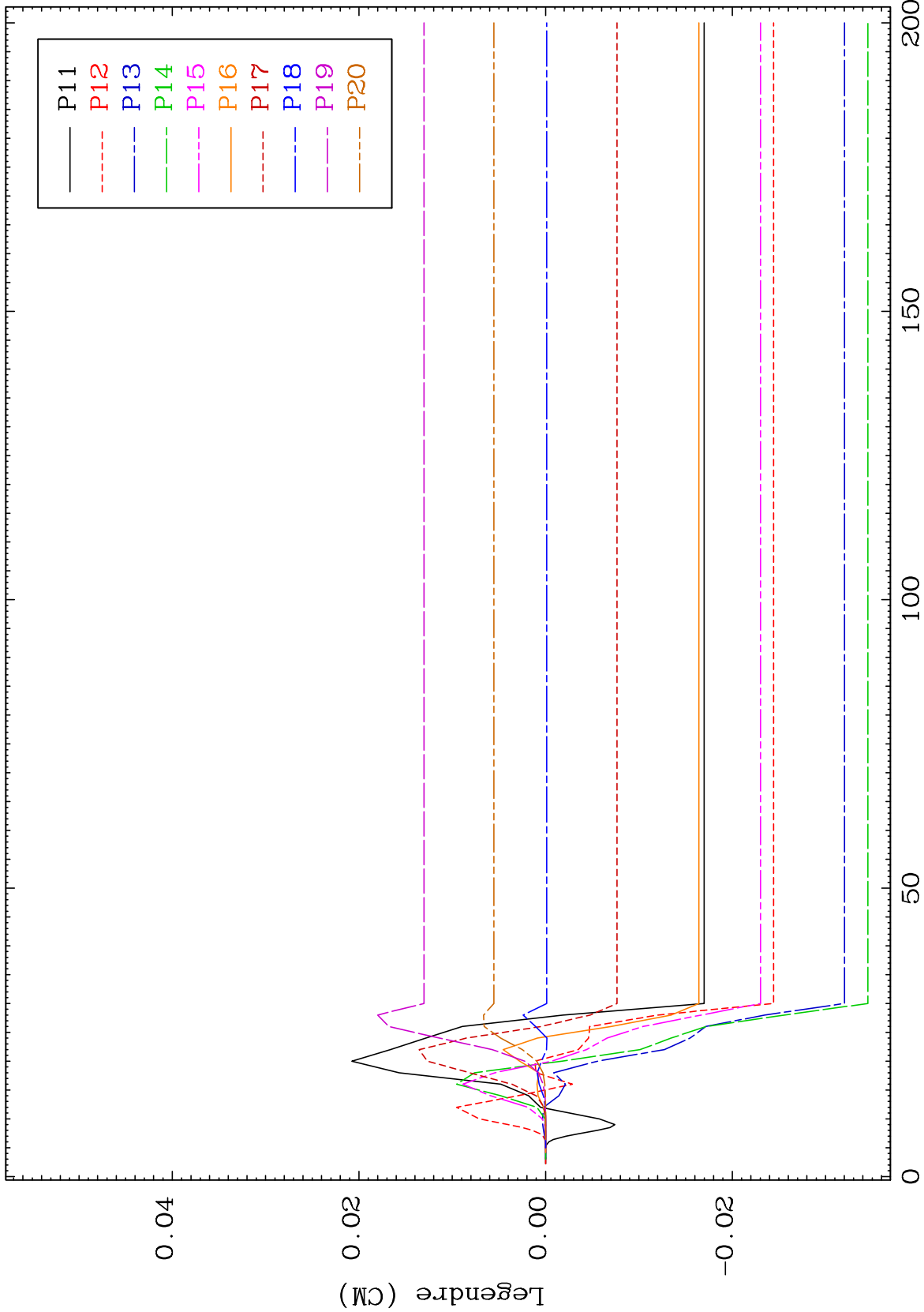
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



70

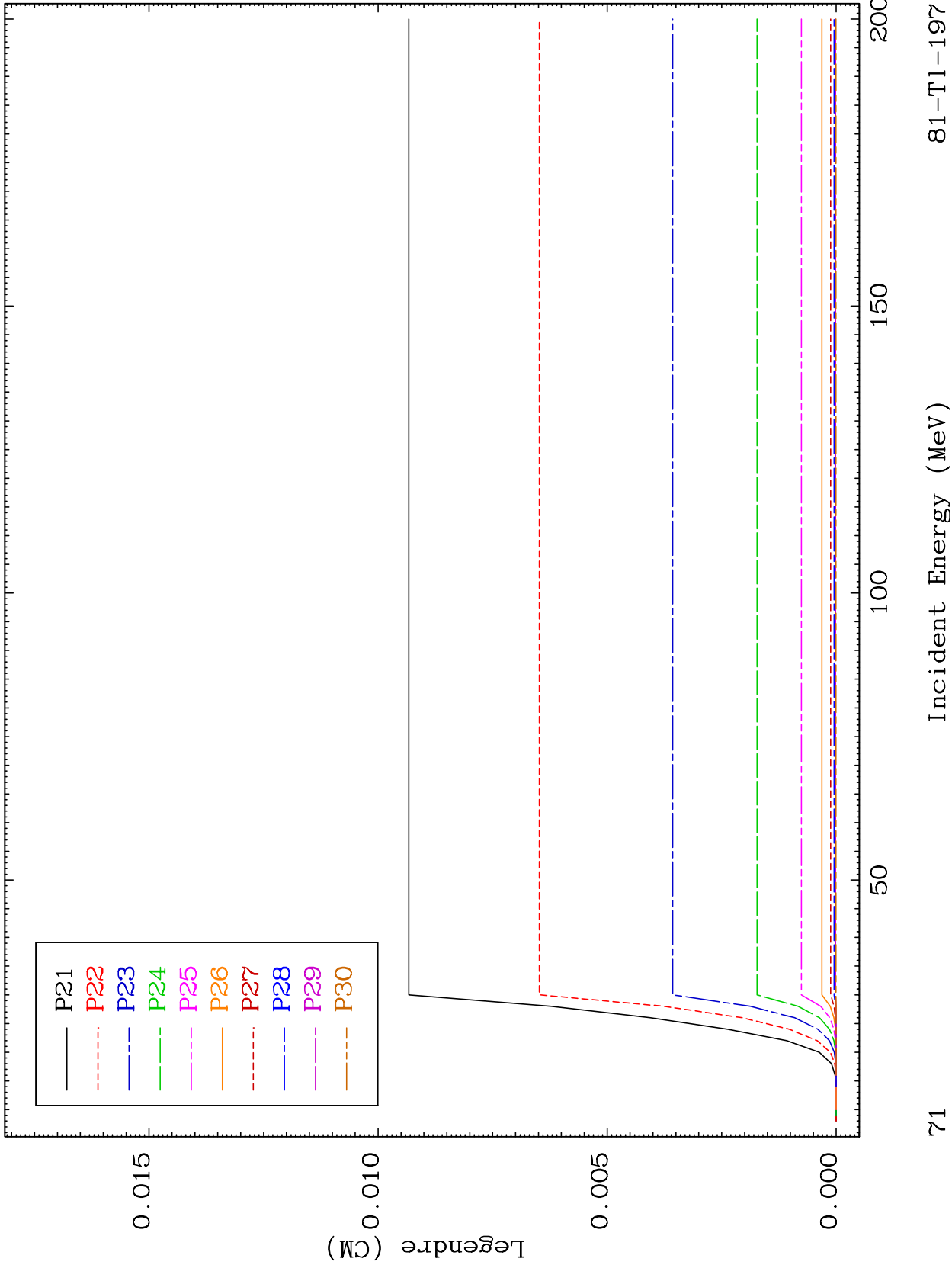
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



71

Incident Energy (MeV)

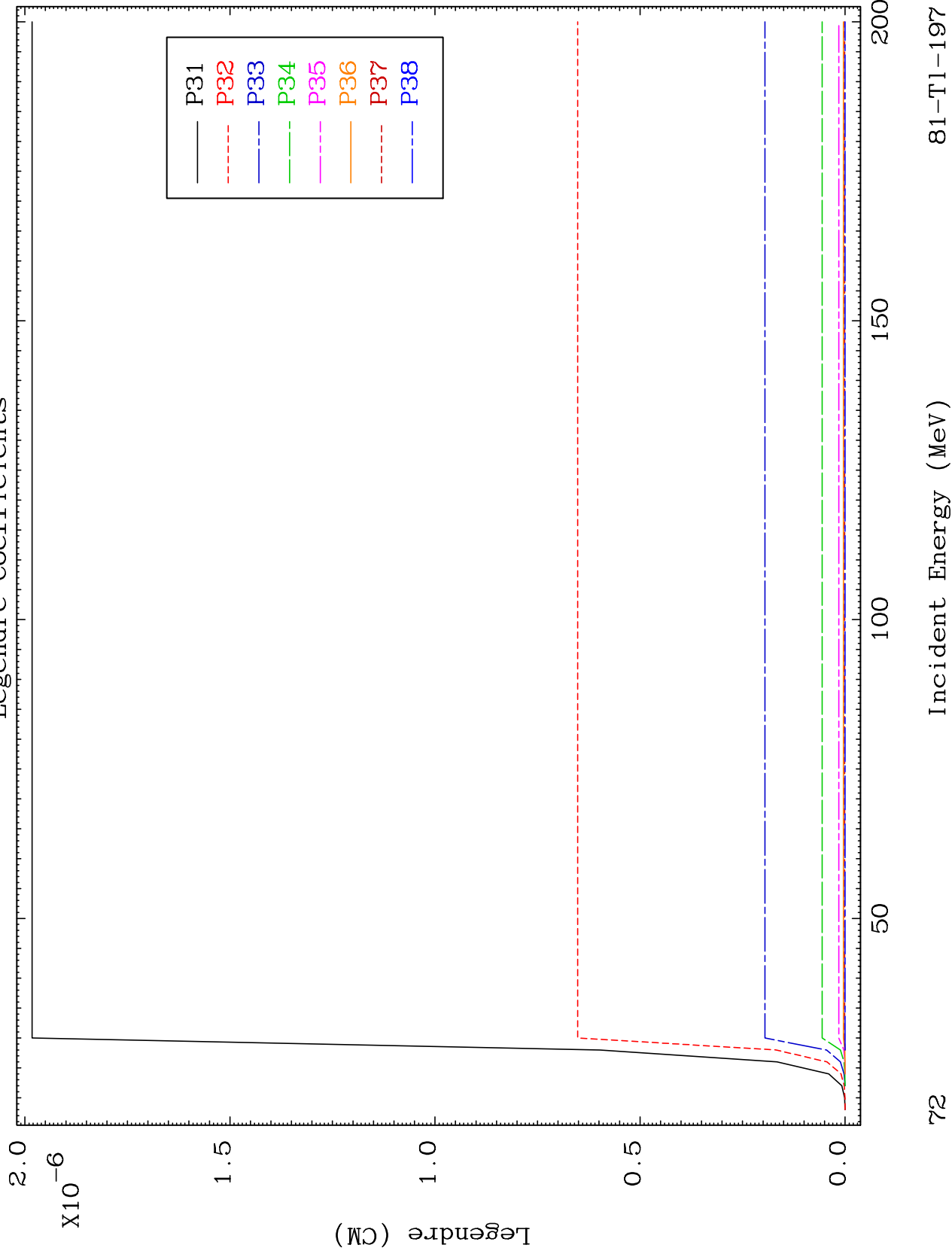
81-Tl-197



MAT 8107

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

81-T1-197



72

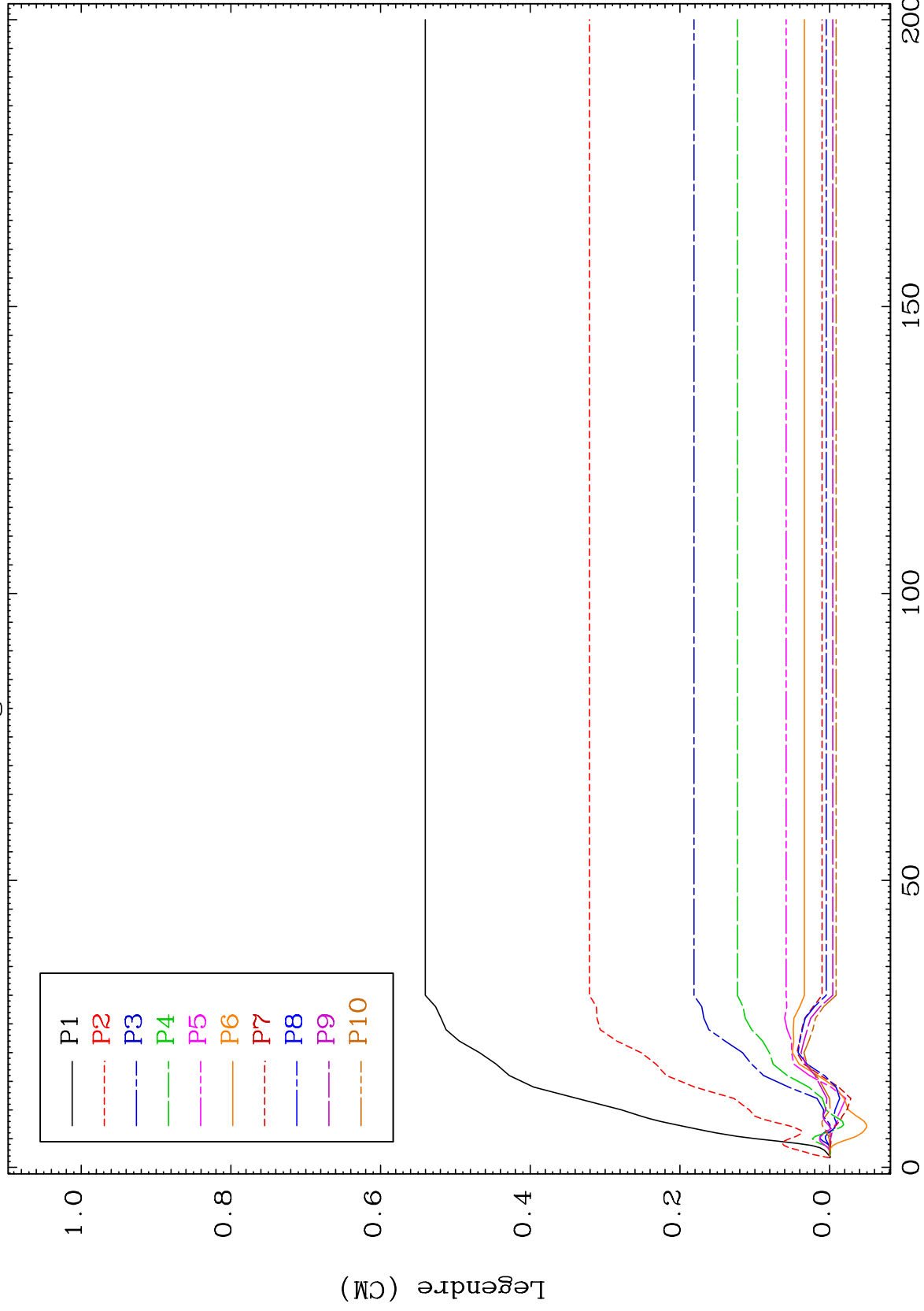
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



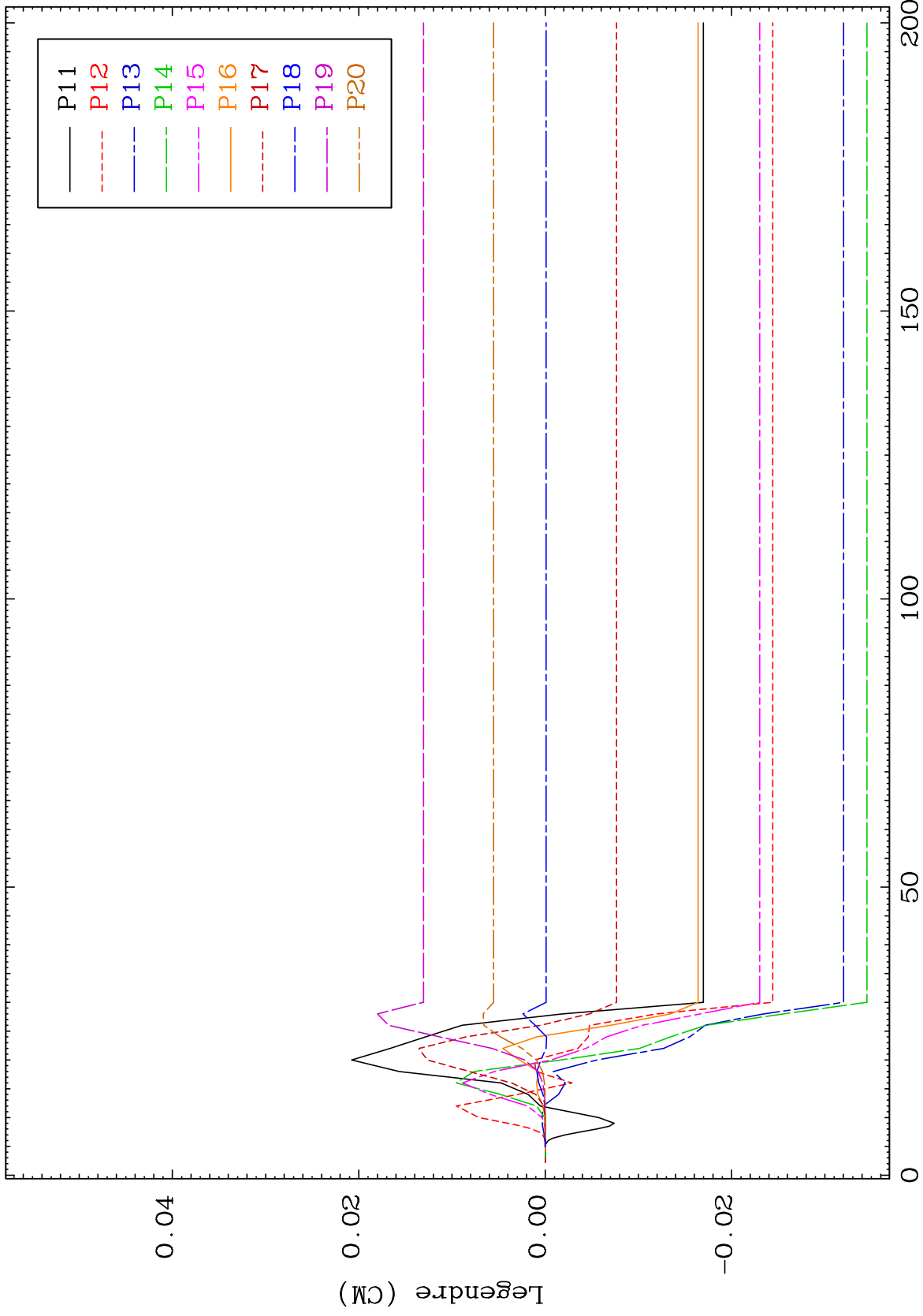
73

81-T1-197

MAT 8107

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

81-T1-197



74

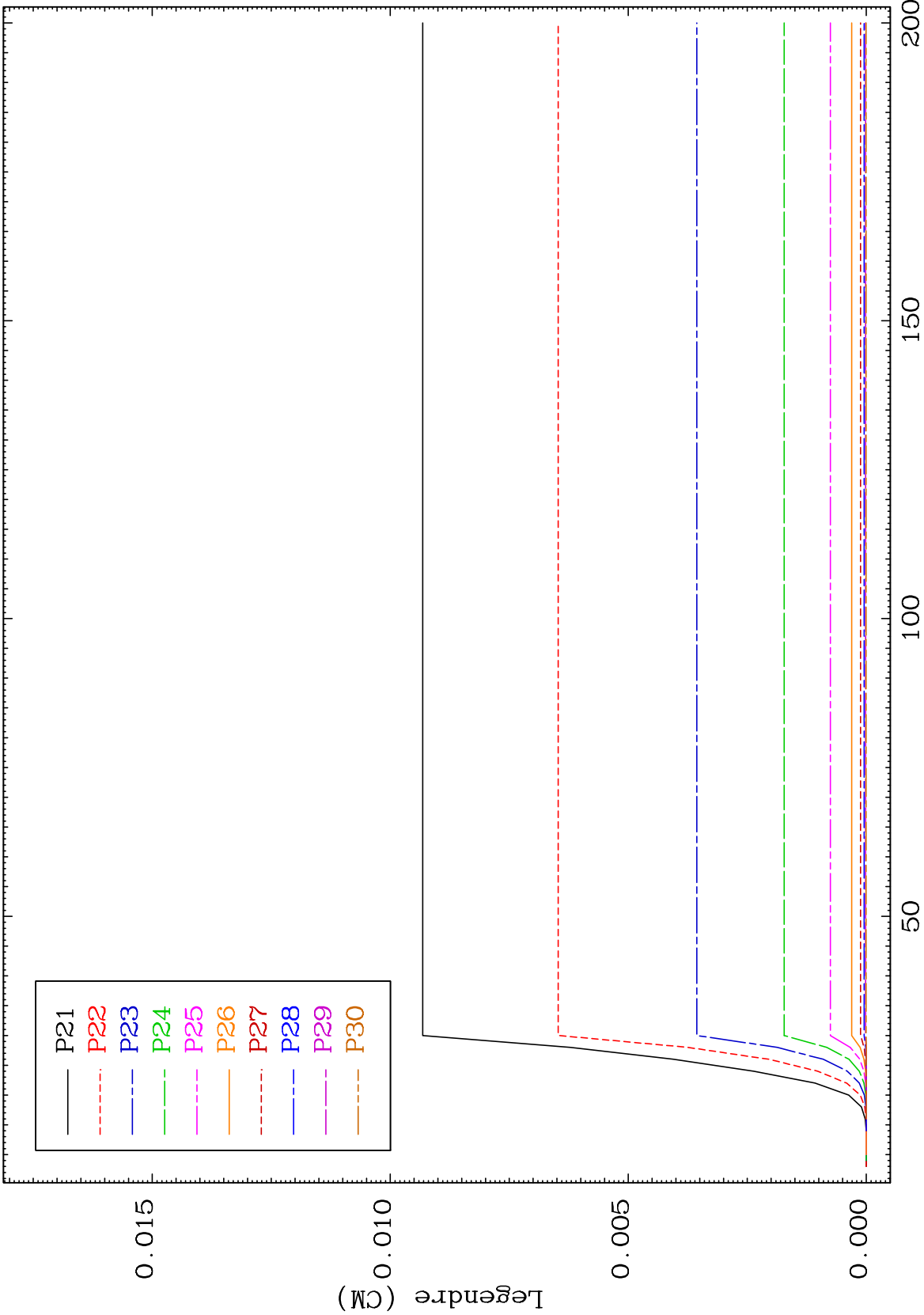
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



75

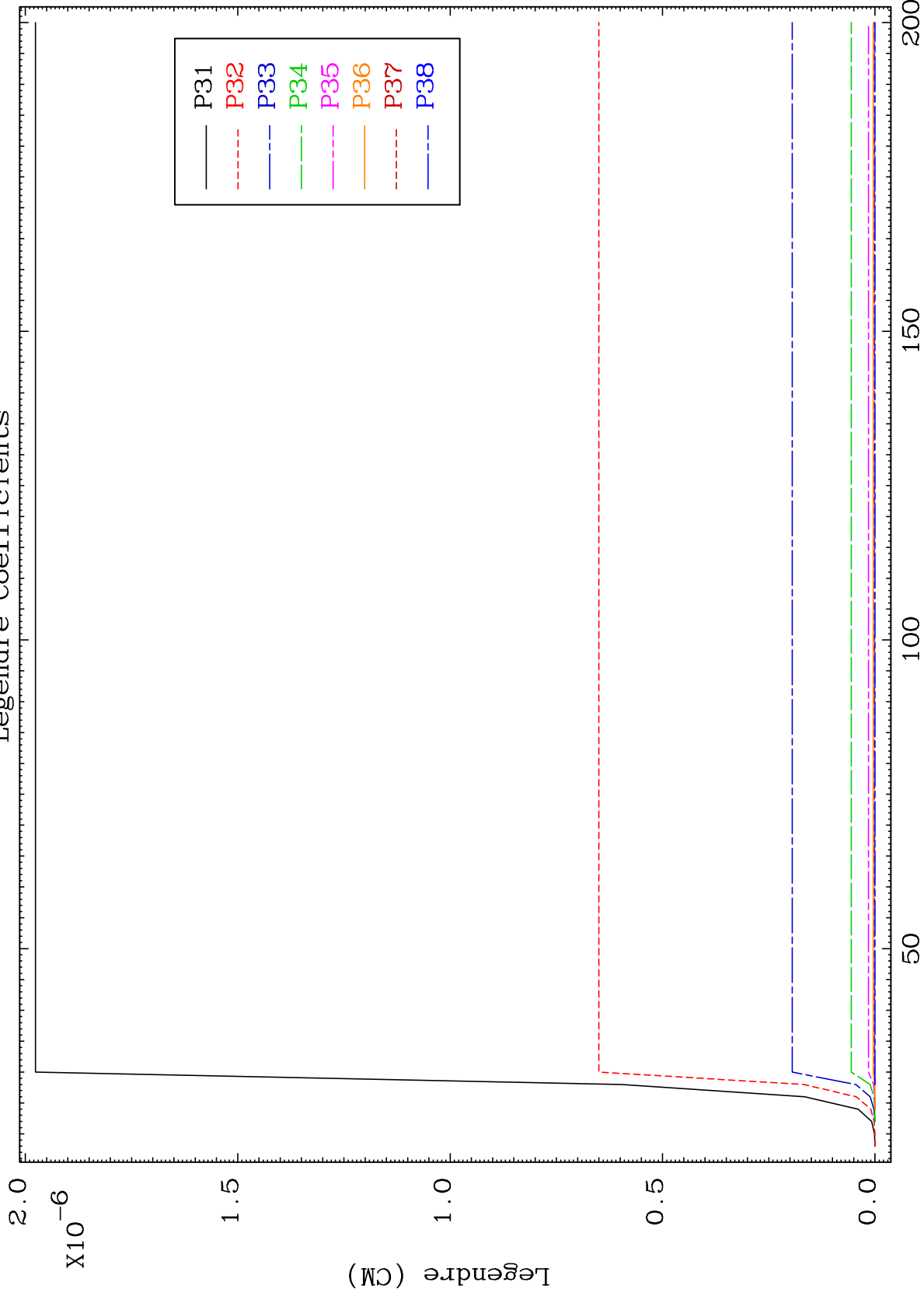
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



76

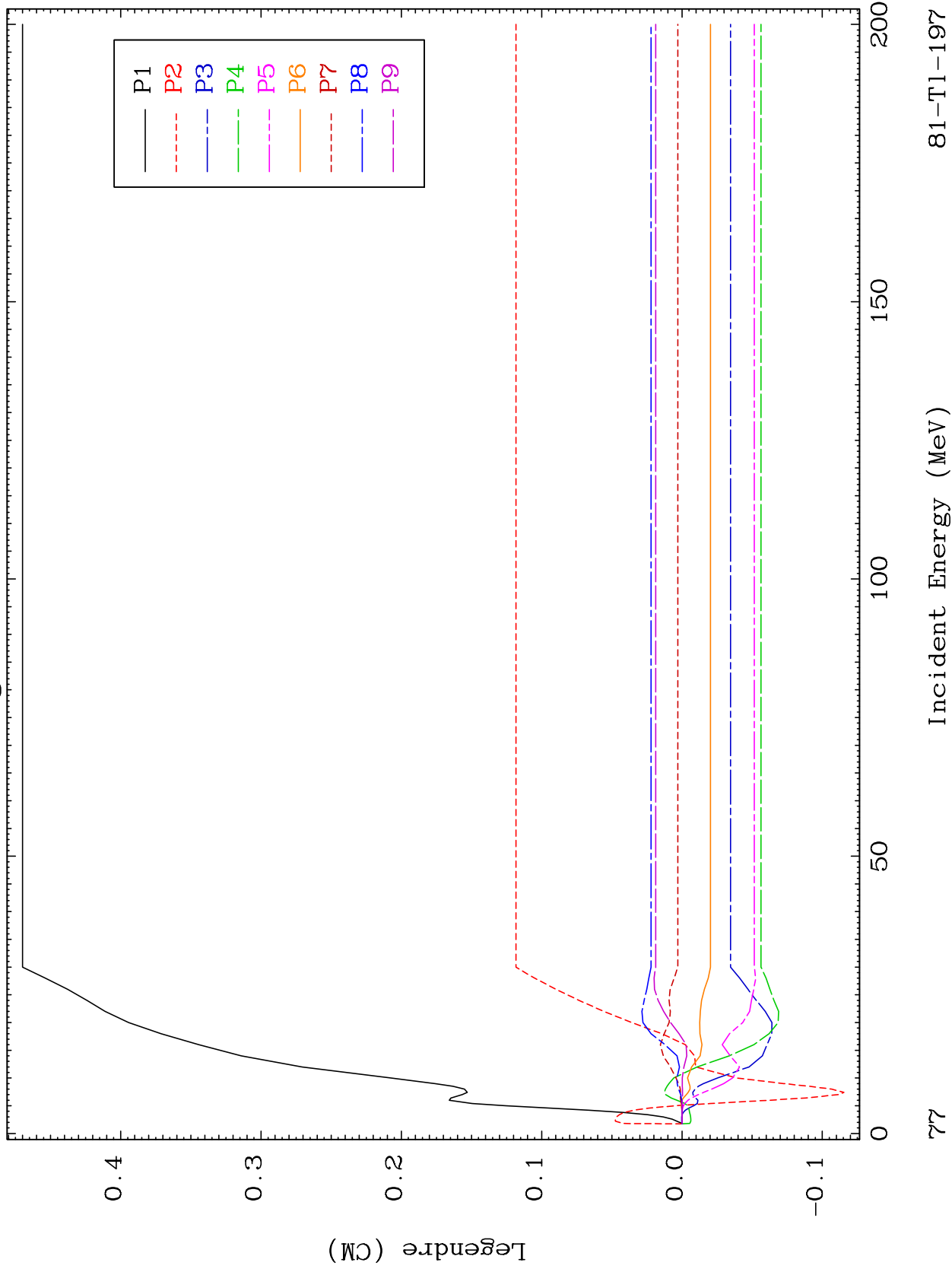
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



77

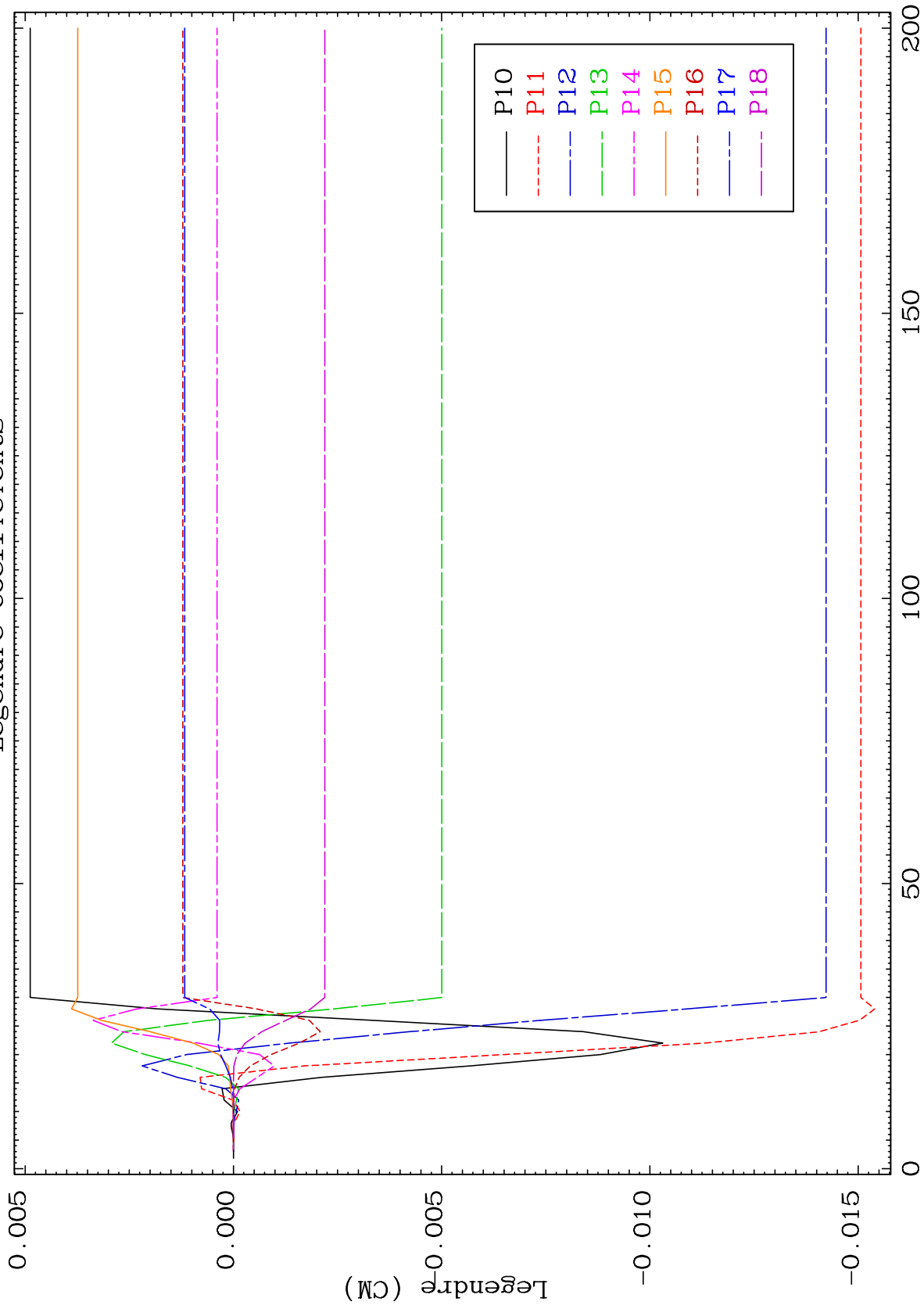
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



78

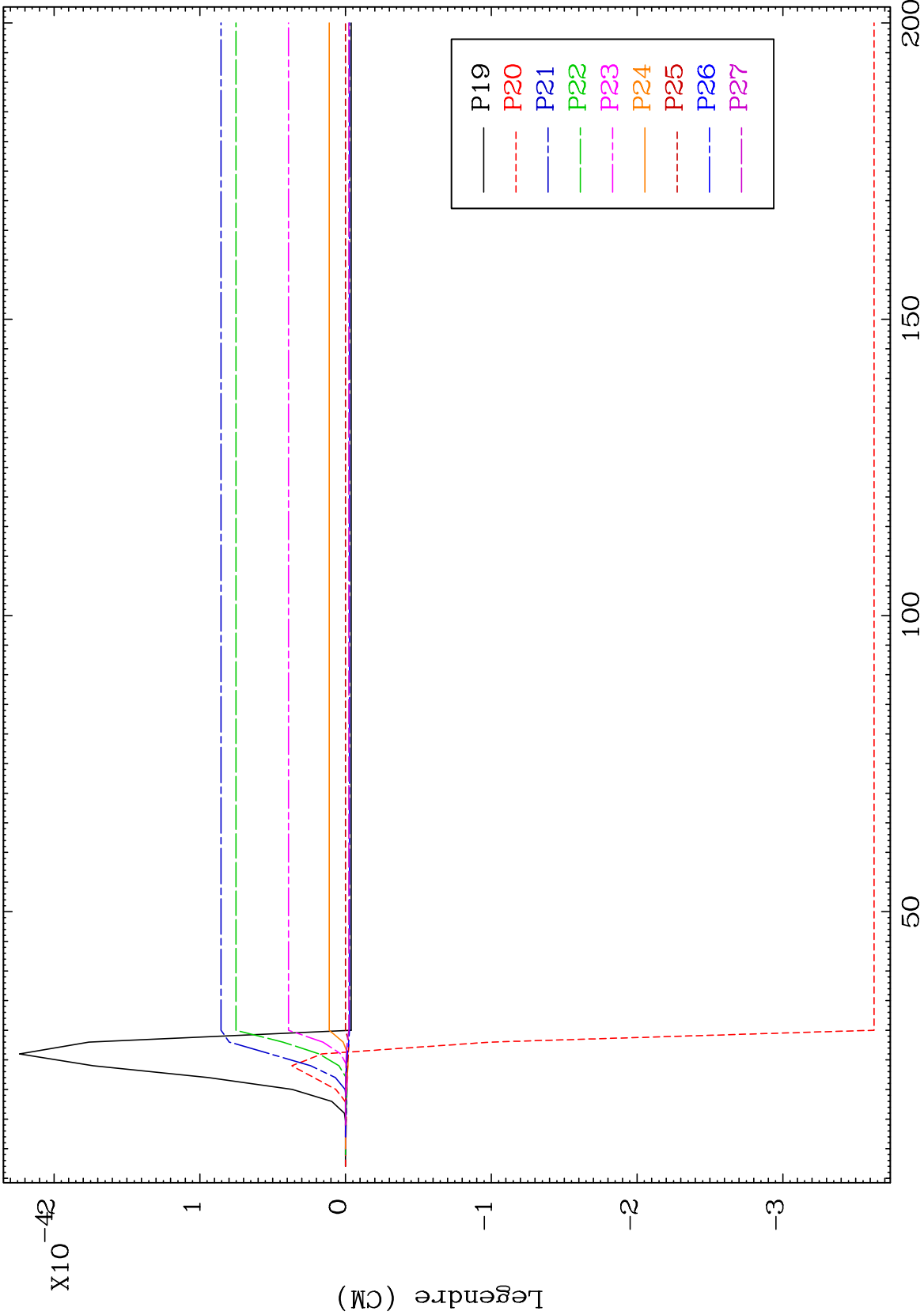
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197

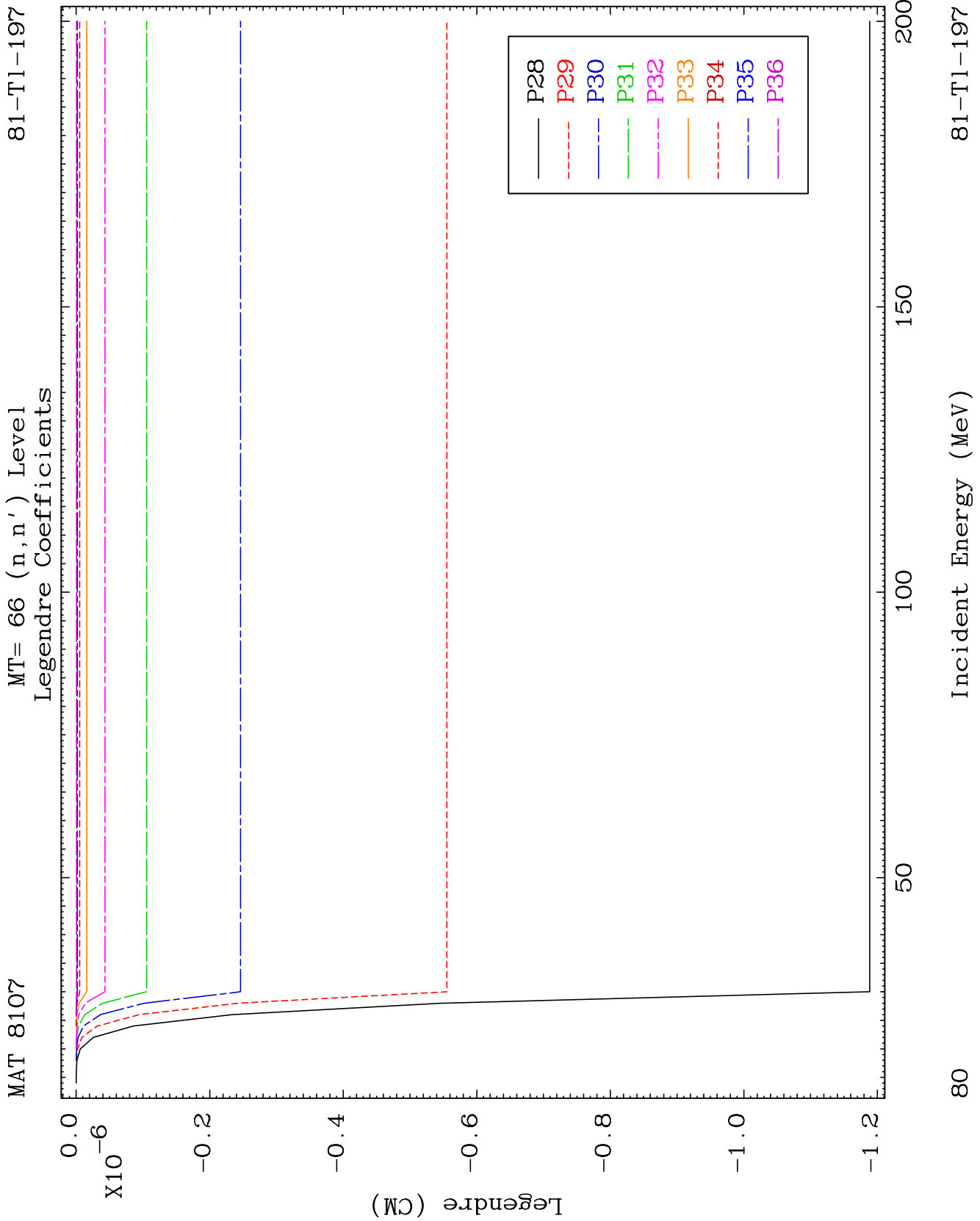


79

Incident Energy (MeV)

81-T1-197

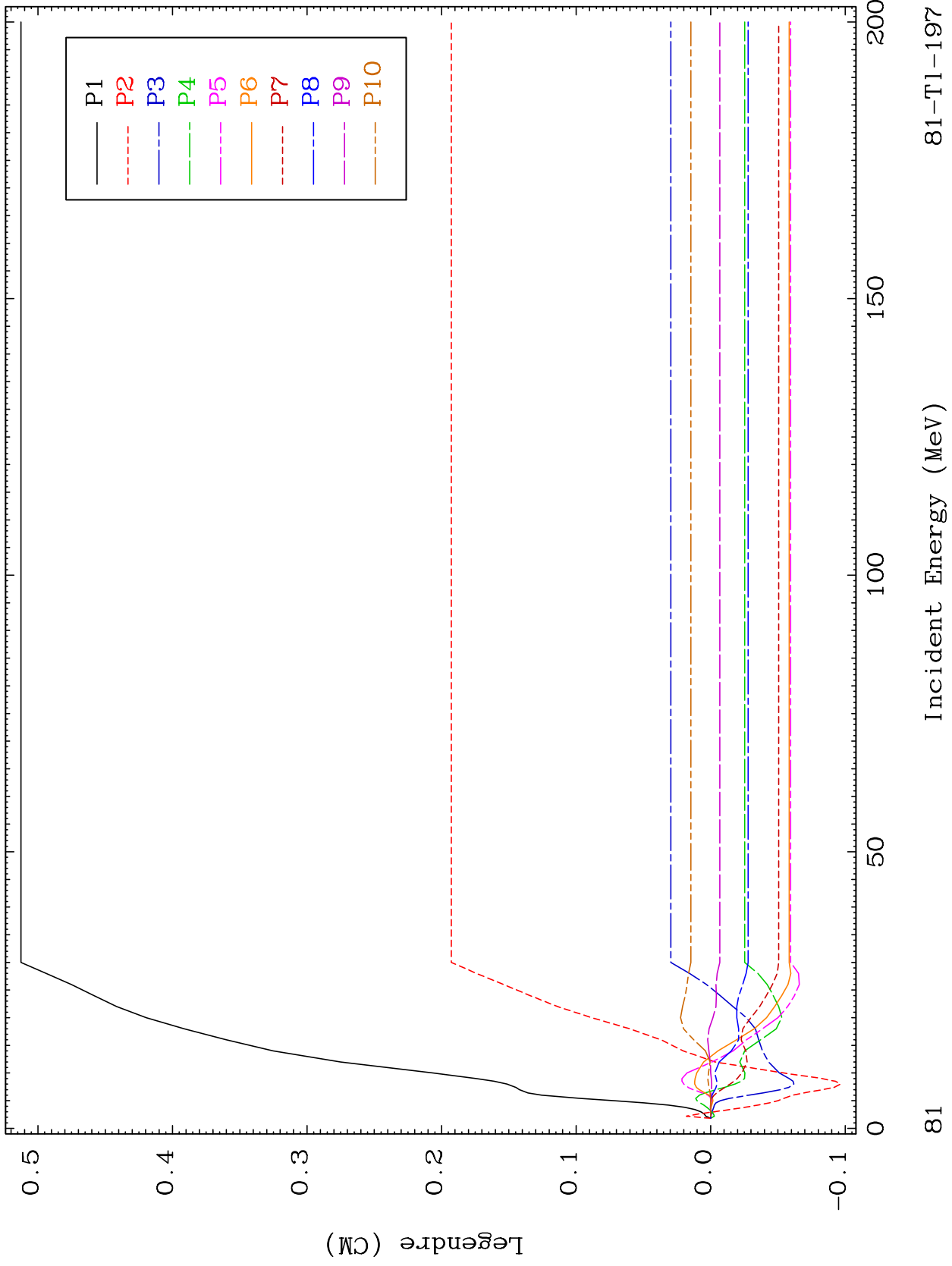




MAT 8107

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

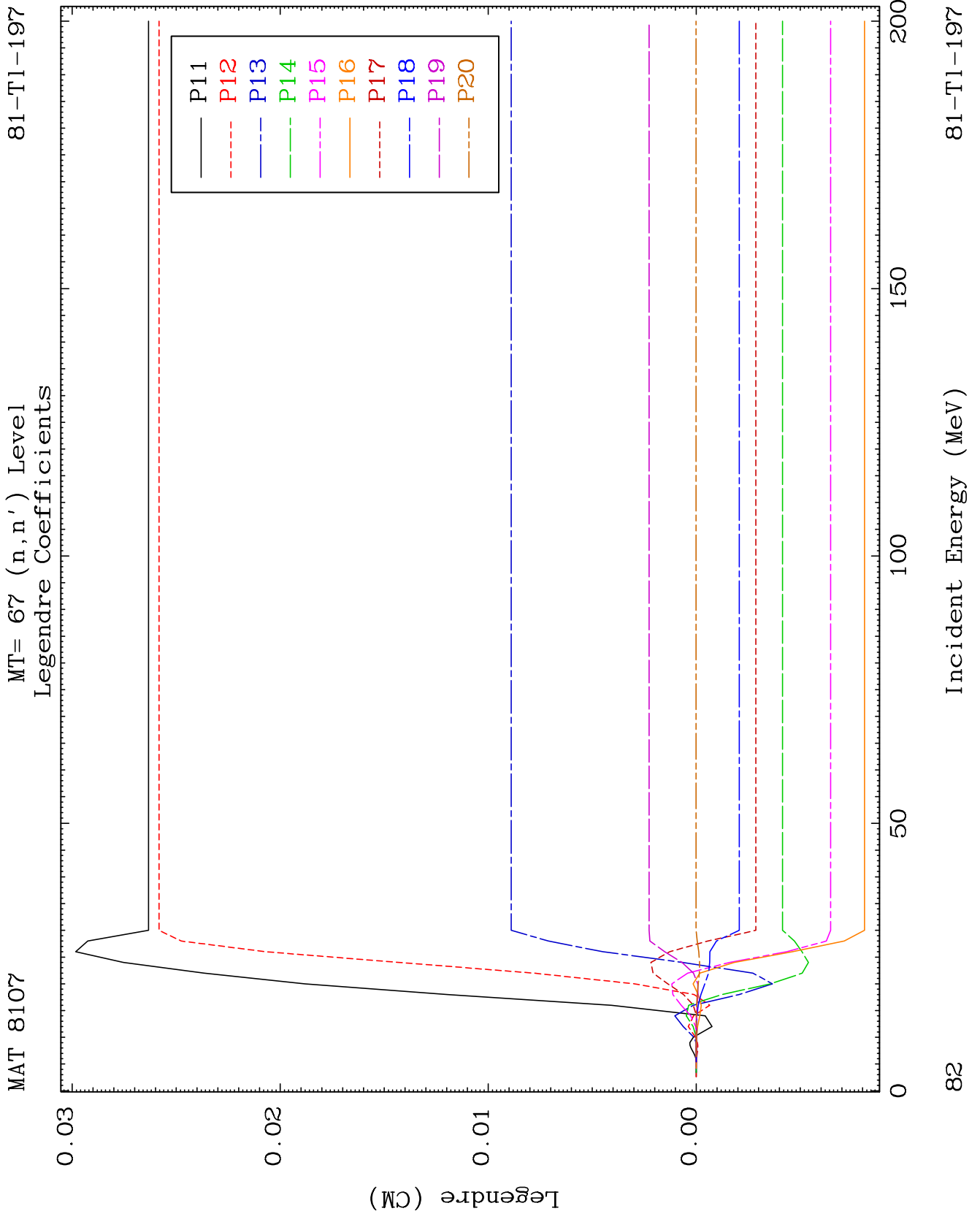
81-T1-197

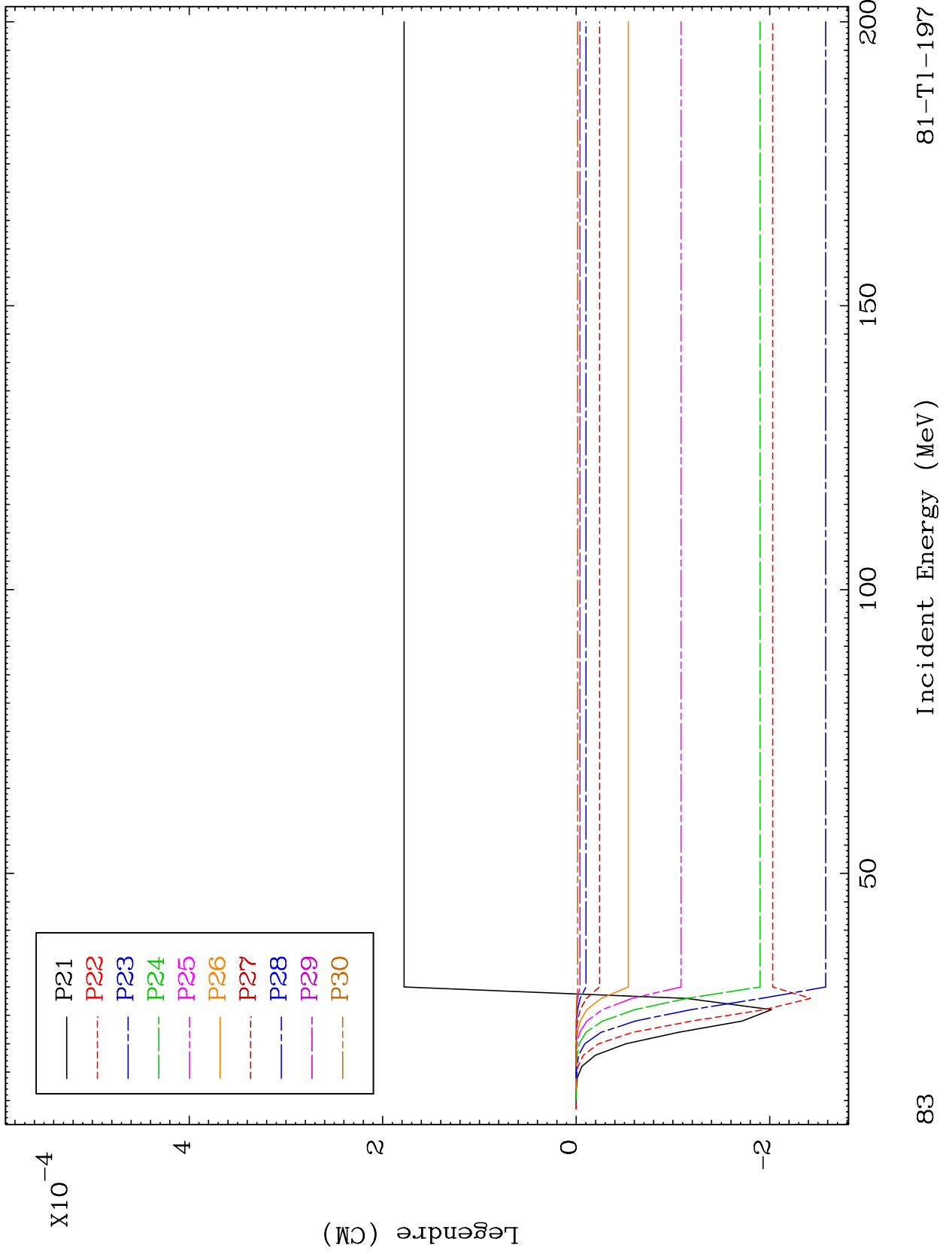


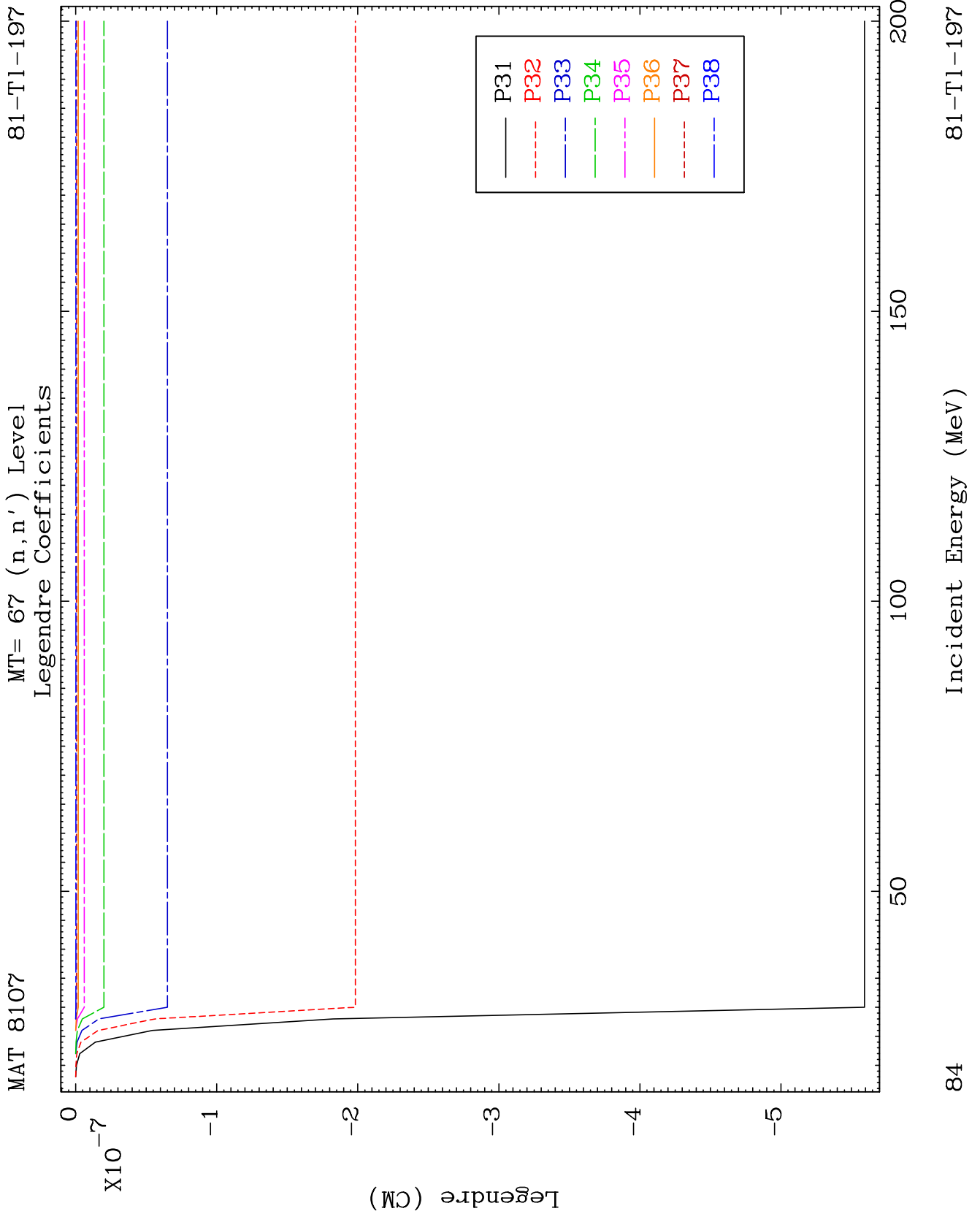
81

Incident Energy (MeV)

81-T1-197



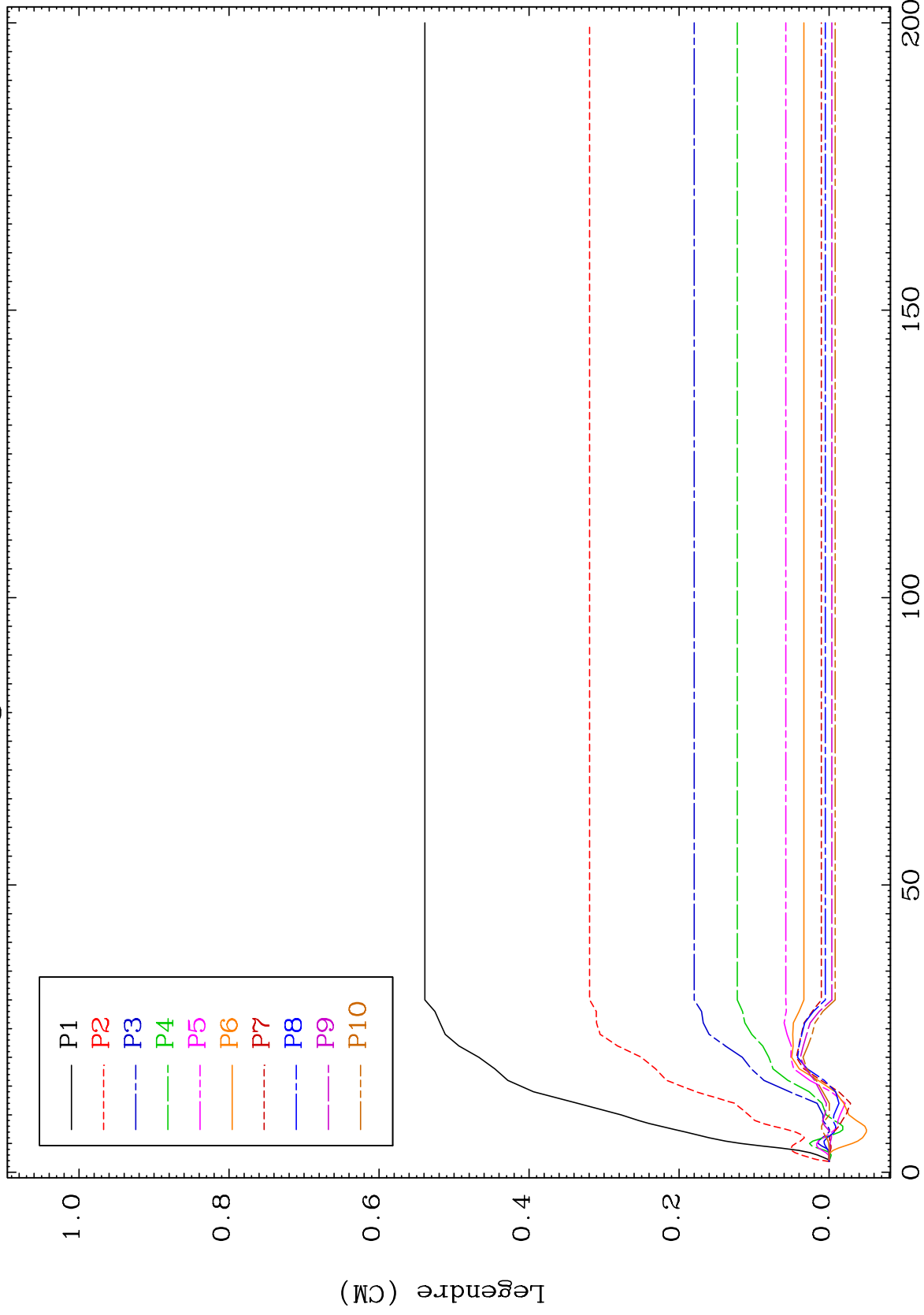




MAT 8107

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

81-T1-197



85

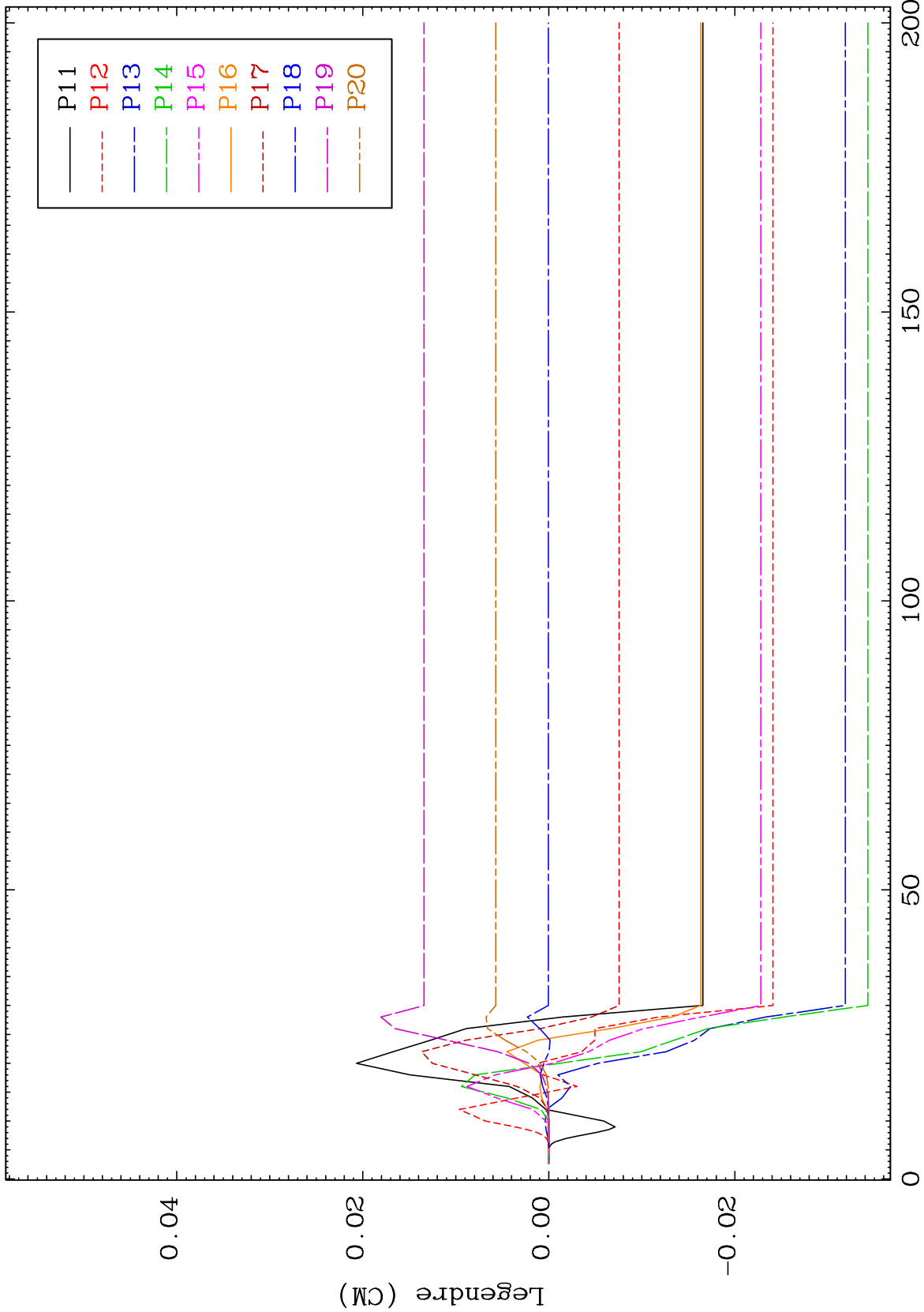
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



86

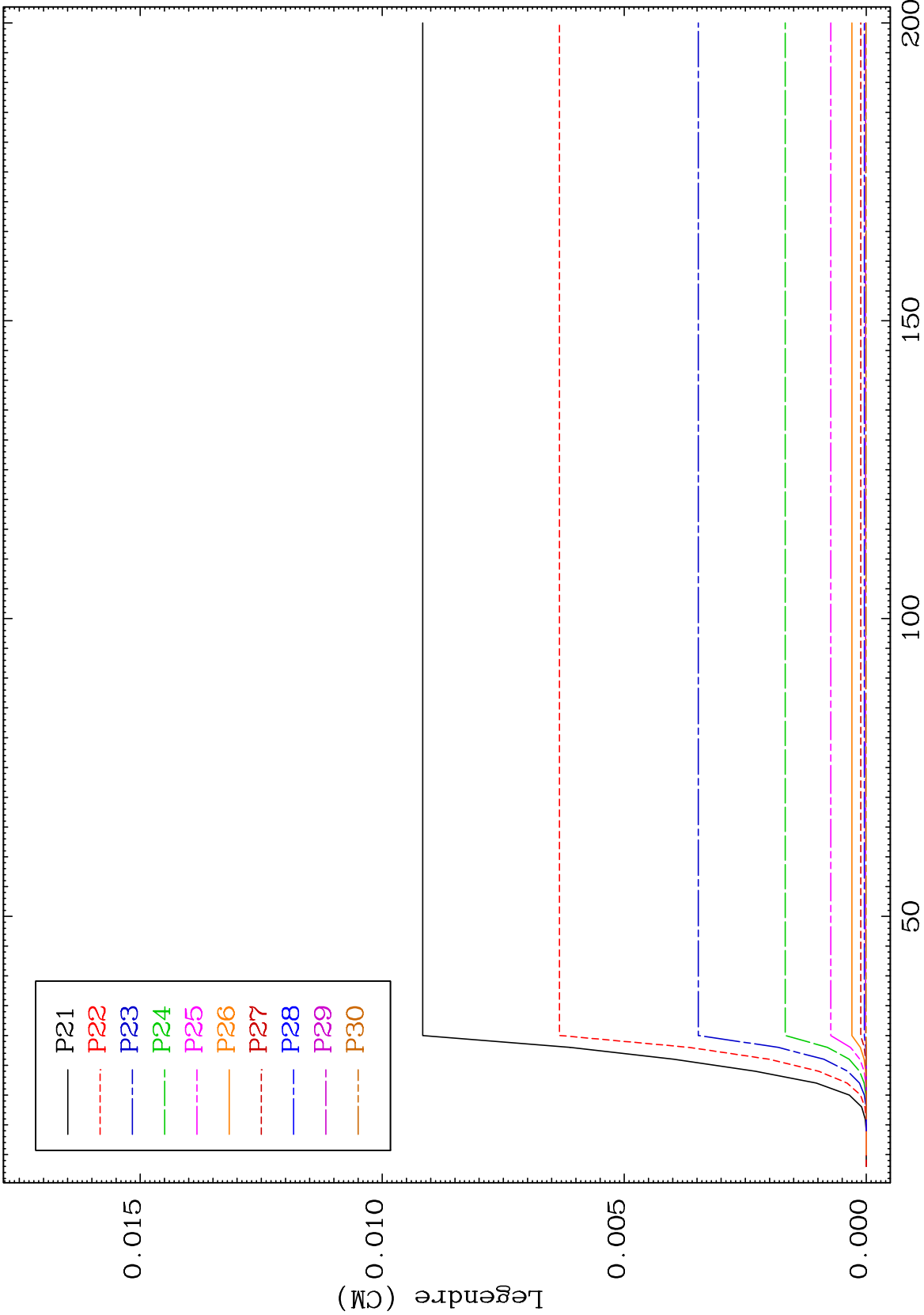
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



87

Incident Energy (MeV)

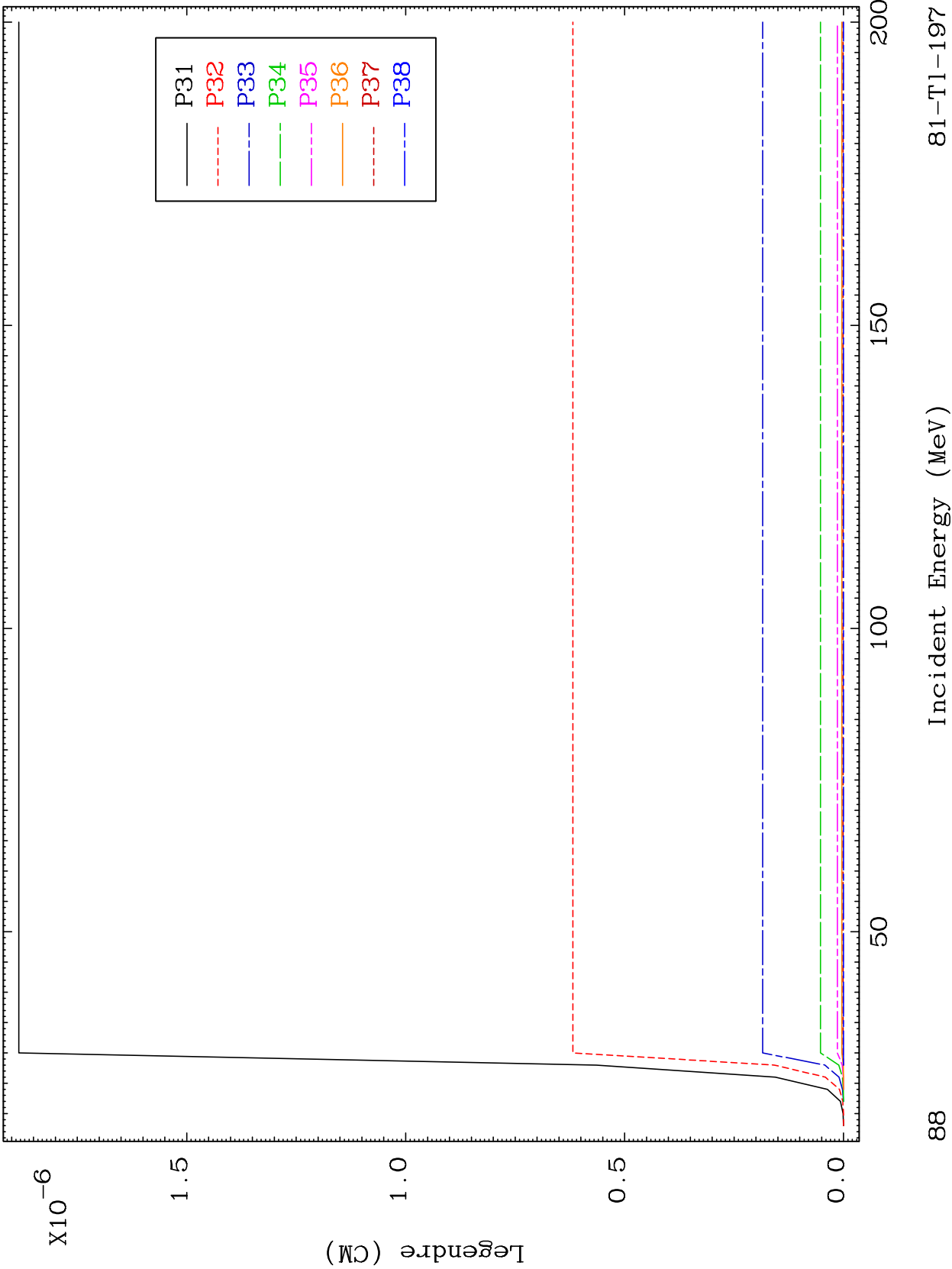
81-T1-197



MAT 8107

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

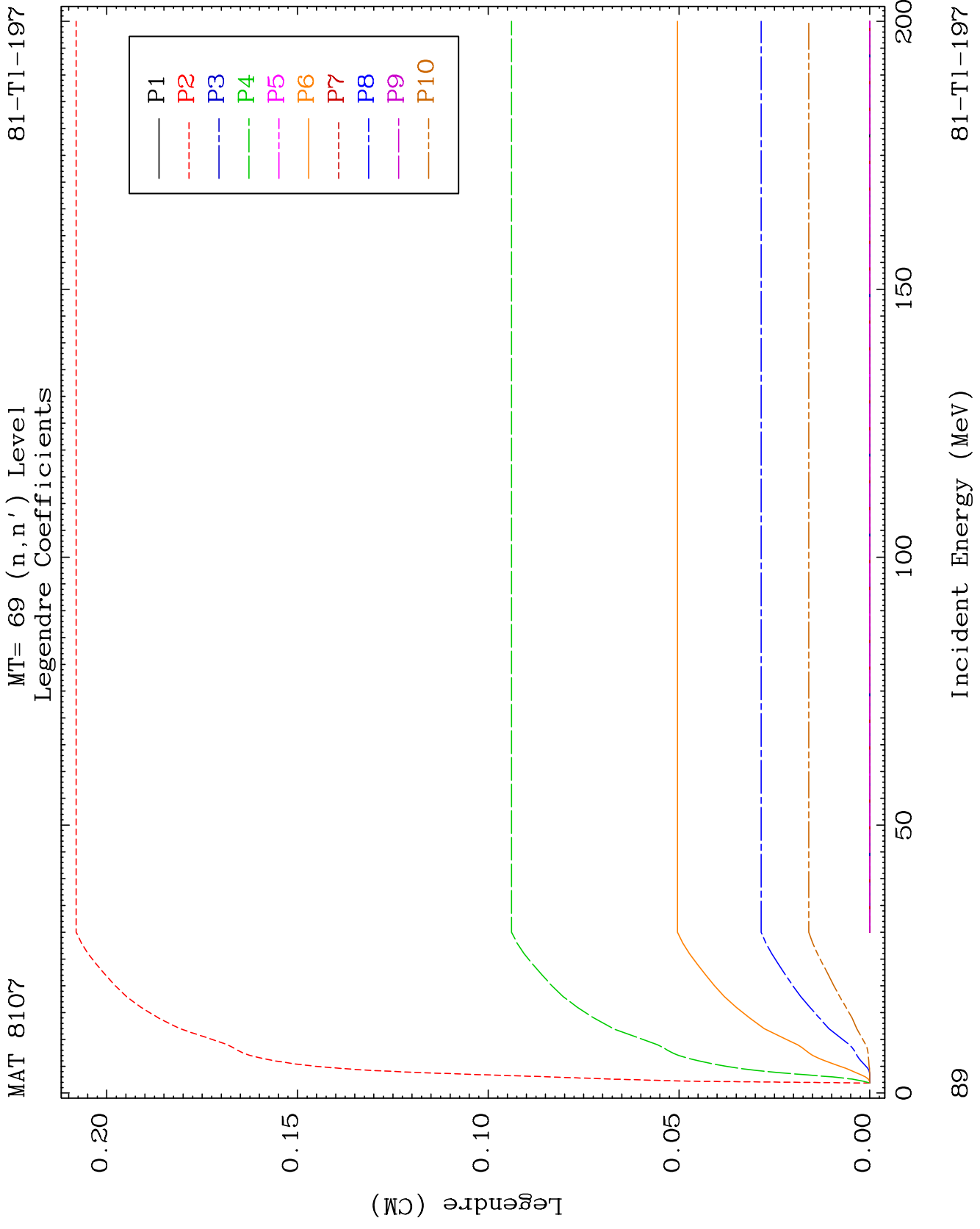
81-Tl-197



88

Incident Energy (MeV)

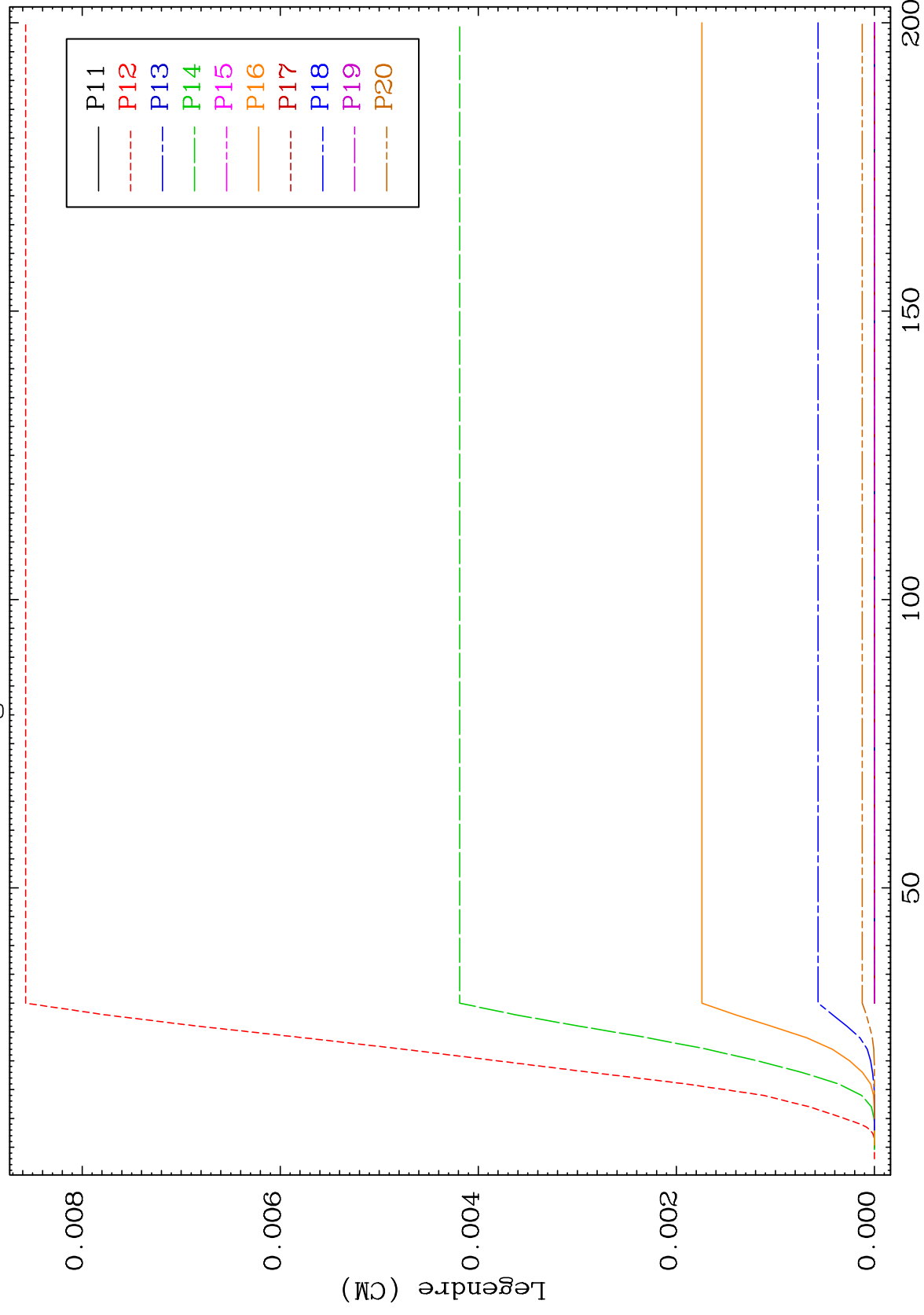
81-Tl-197



MAT 8107

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

81-T1-197



90

Incident Energy (MeV)

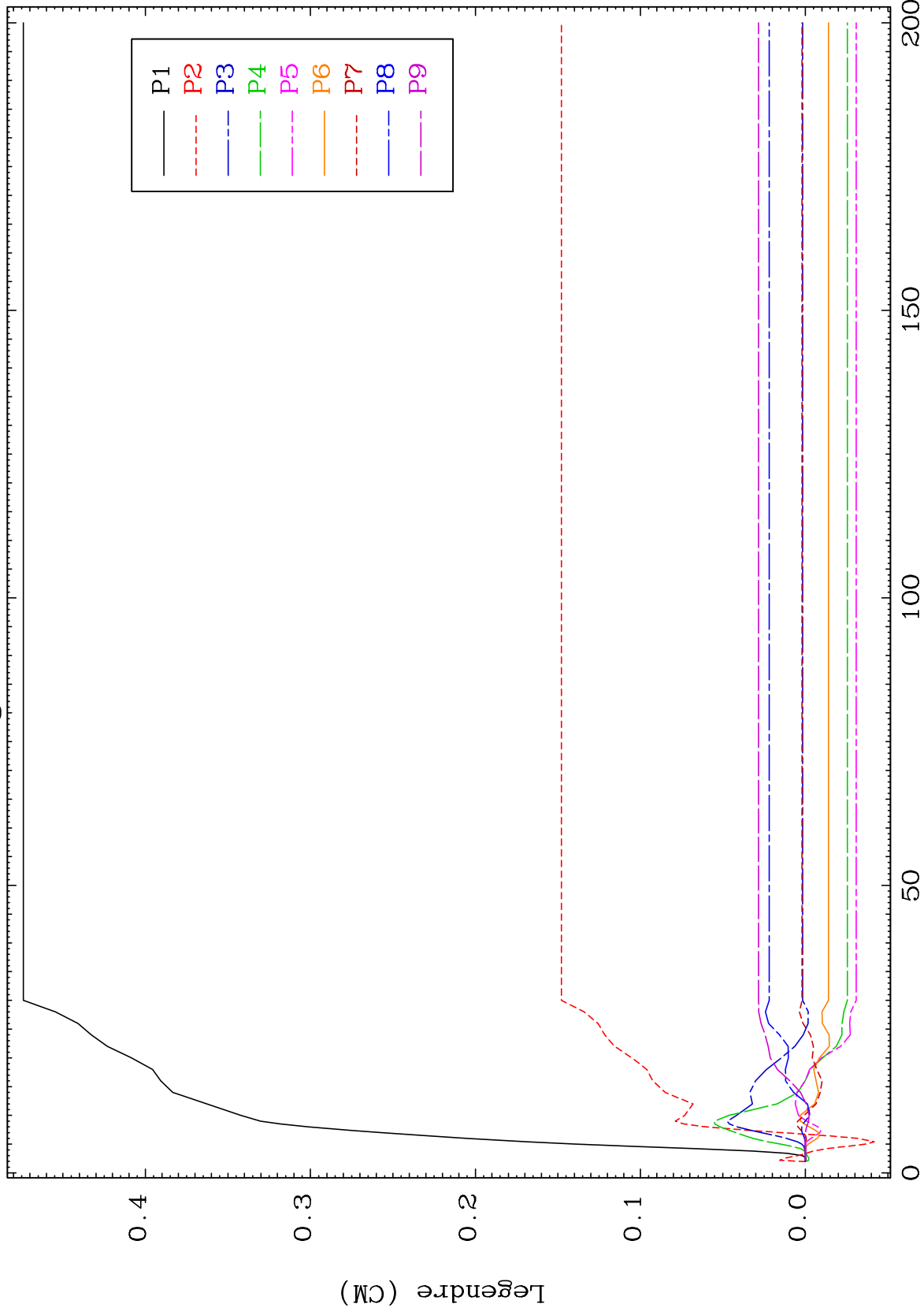
81-T1-197



MAT 8107

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

81-T1-197



92

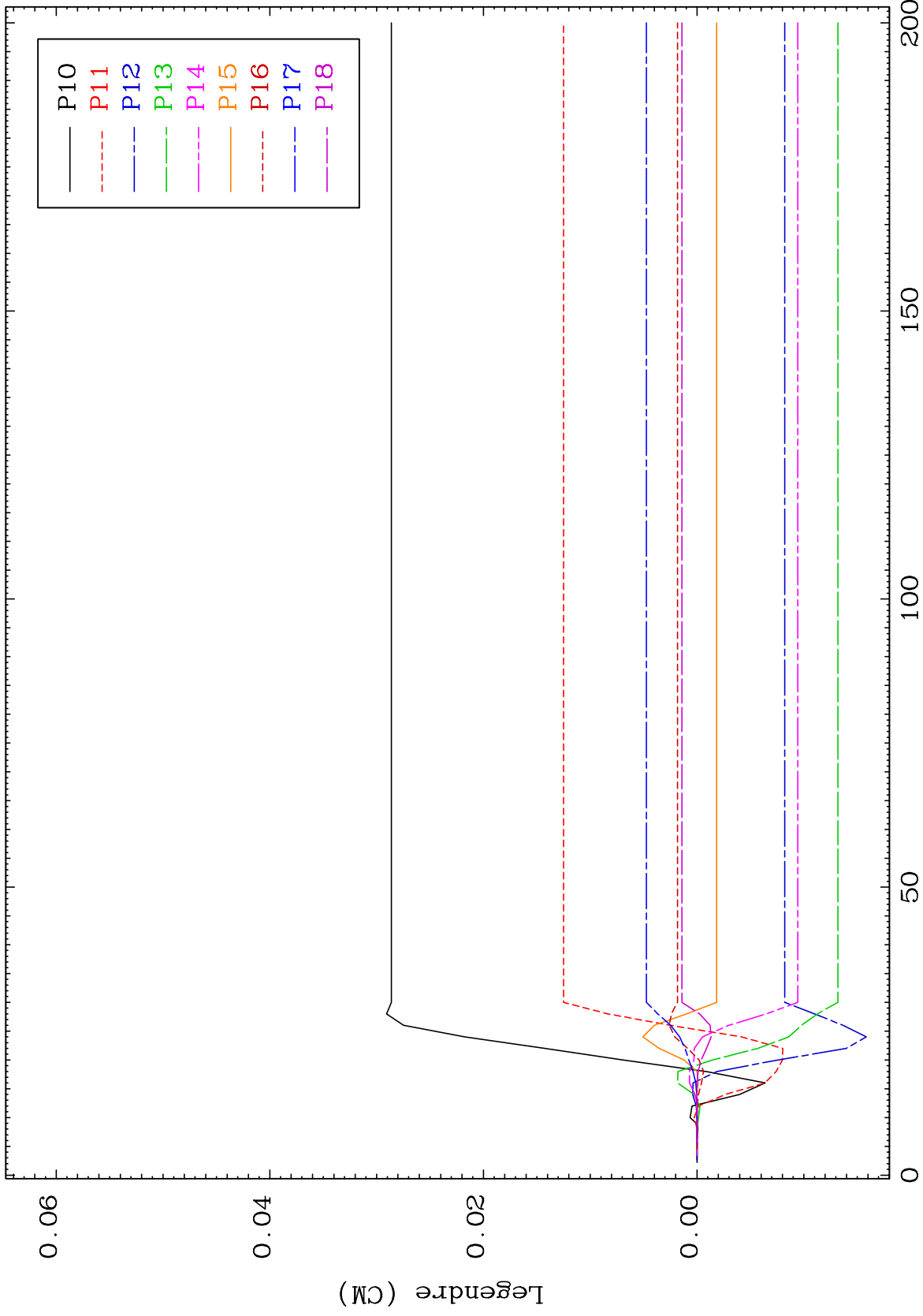
Incident Energy (MeV)

81-T1-197

MAT 8107

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

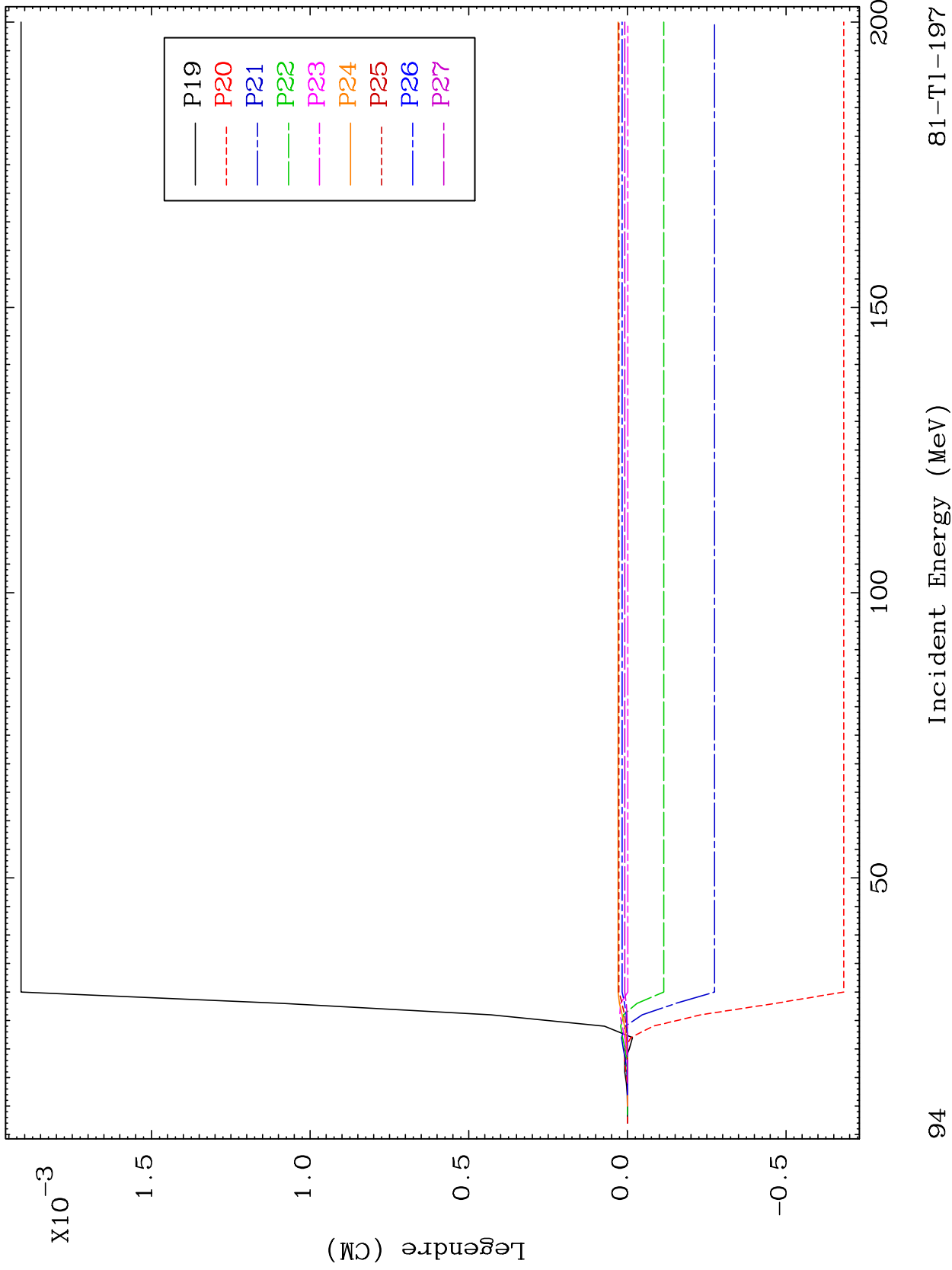
81-Tl-197



93

Incident Energy (MeV)

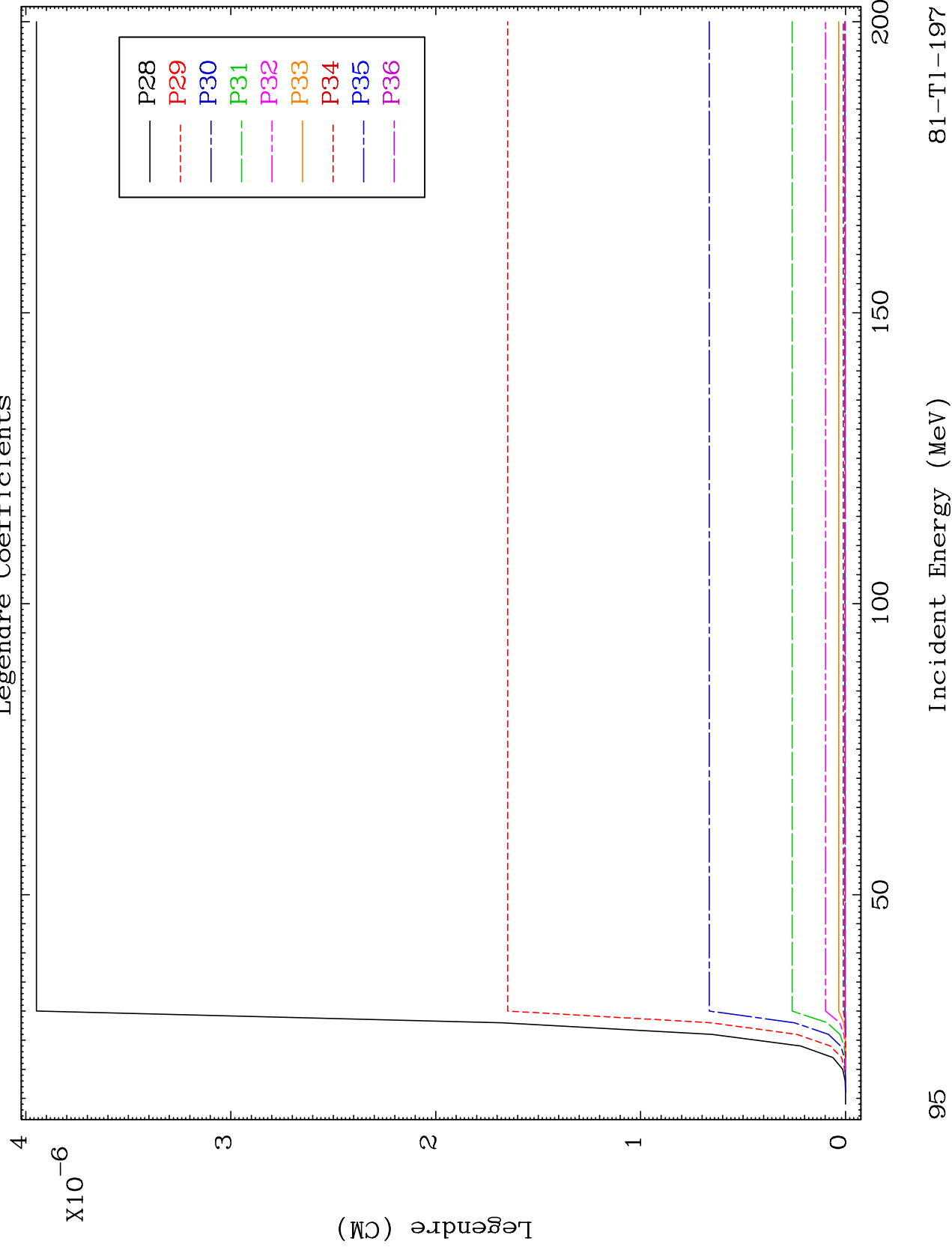
81-Tl-197



MAT 8107

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

81-Tl-197



95

Incident Energy (MeV)

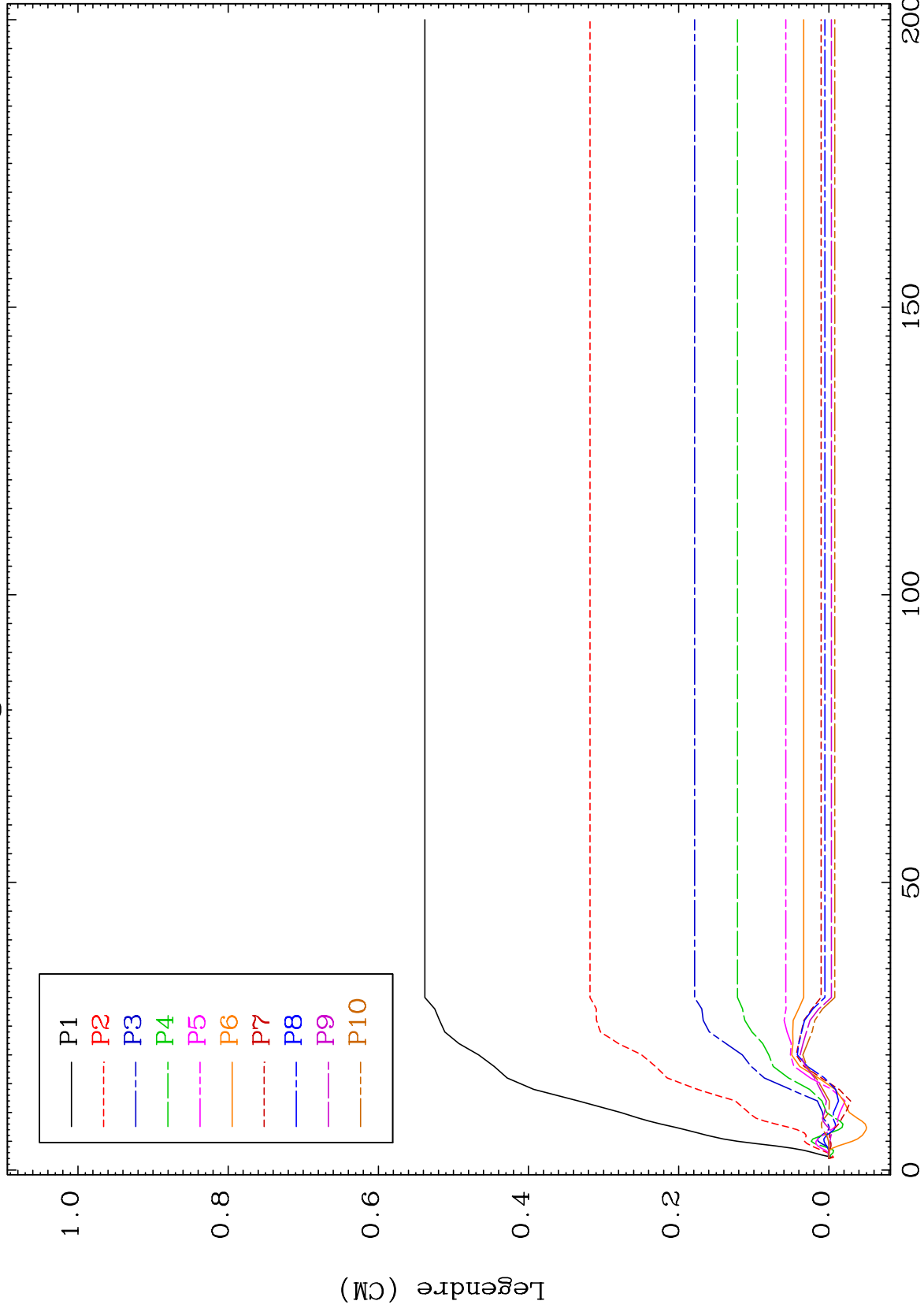
81-Tl-197



MAT 8107

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-197



96

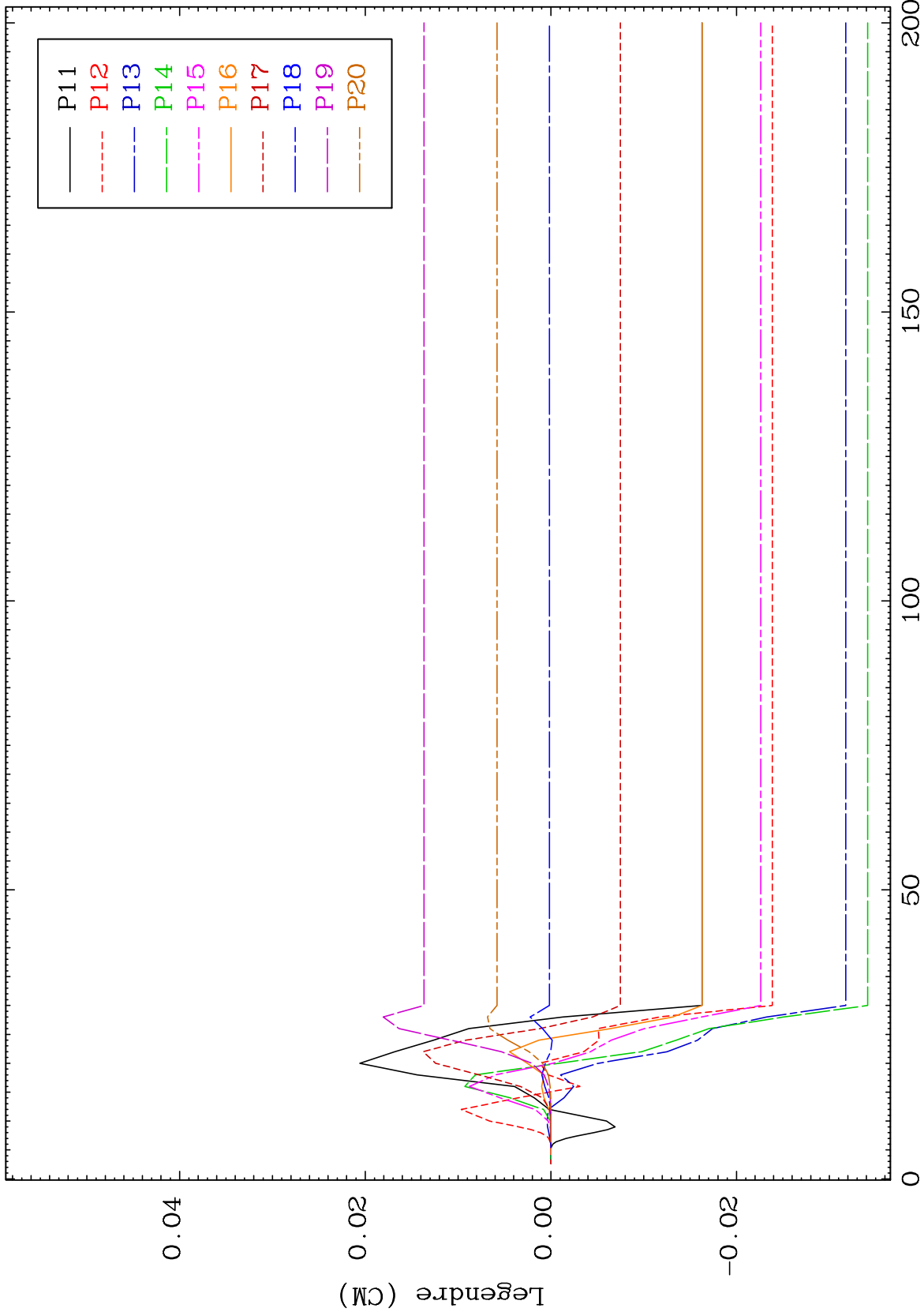
Incident Energy (MeV)

81-T1-197

MAT 8107

MT= 71 (n,n') Level Legendre Coefficients

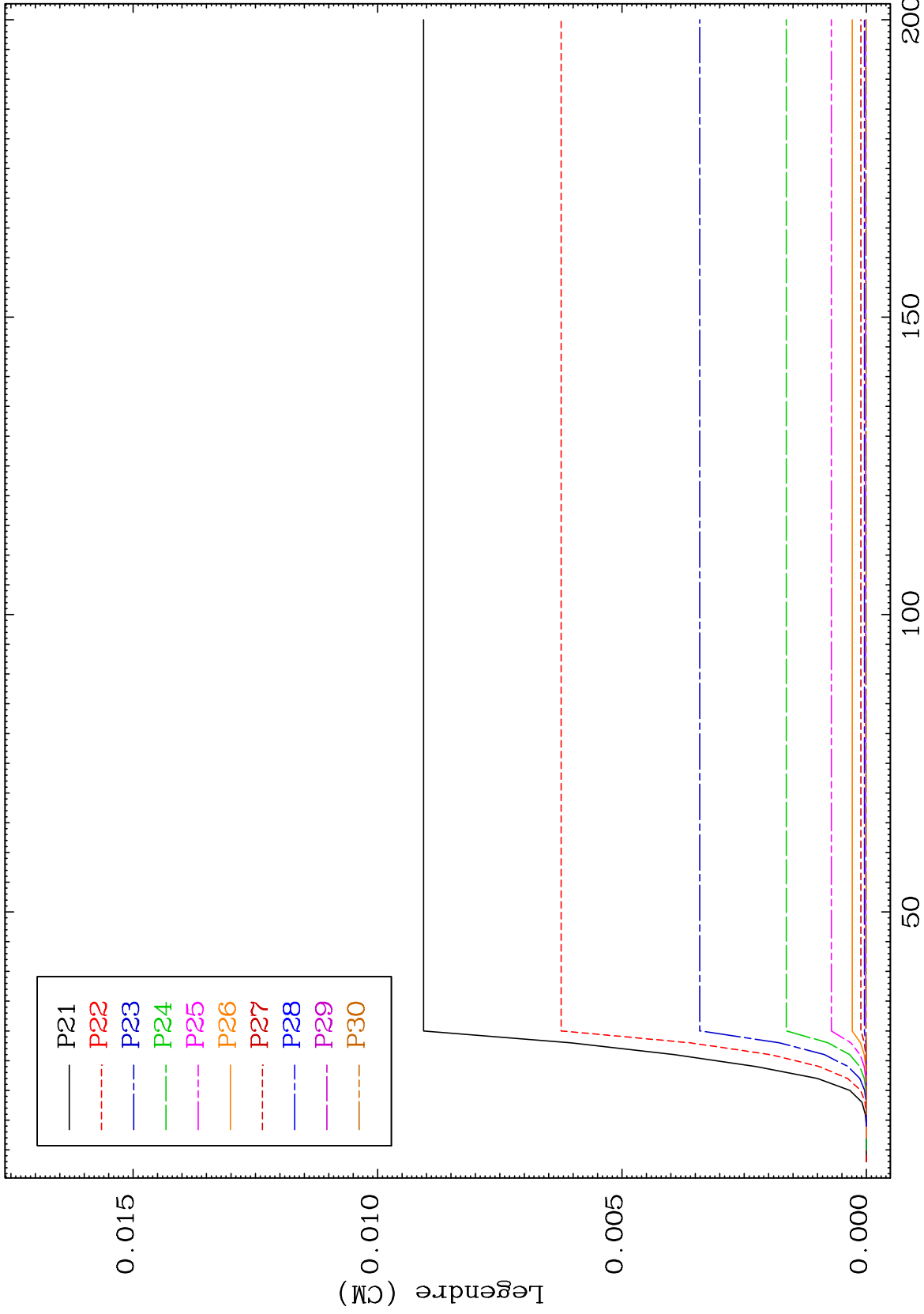
81-T1-197



97

Incident Energy (MeV)

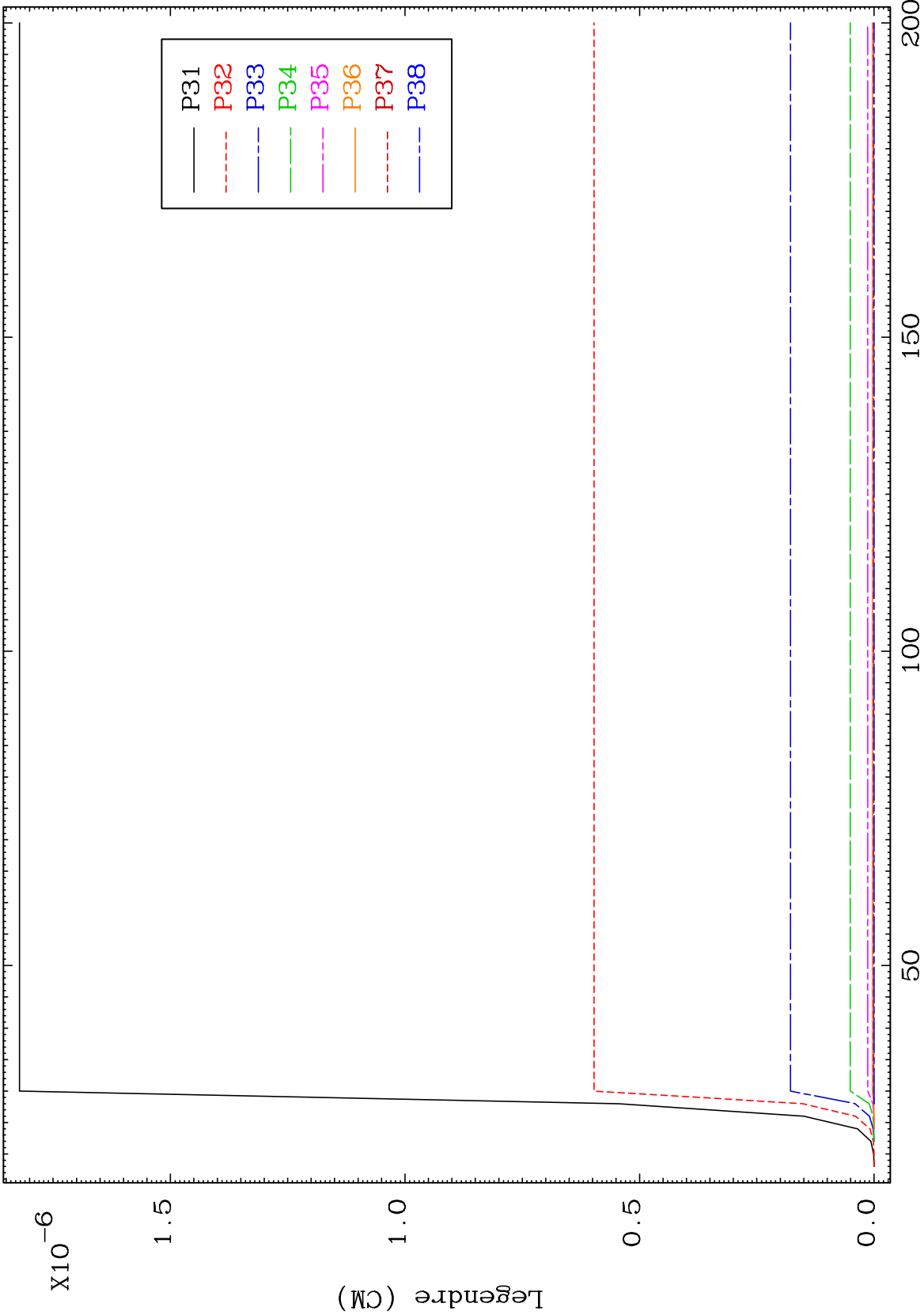
81-T1-197



MAT 8107

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-197



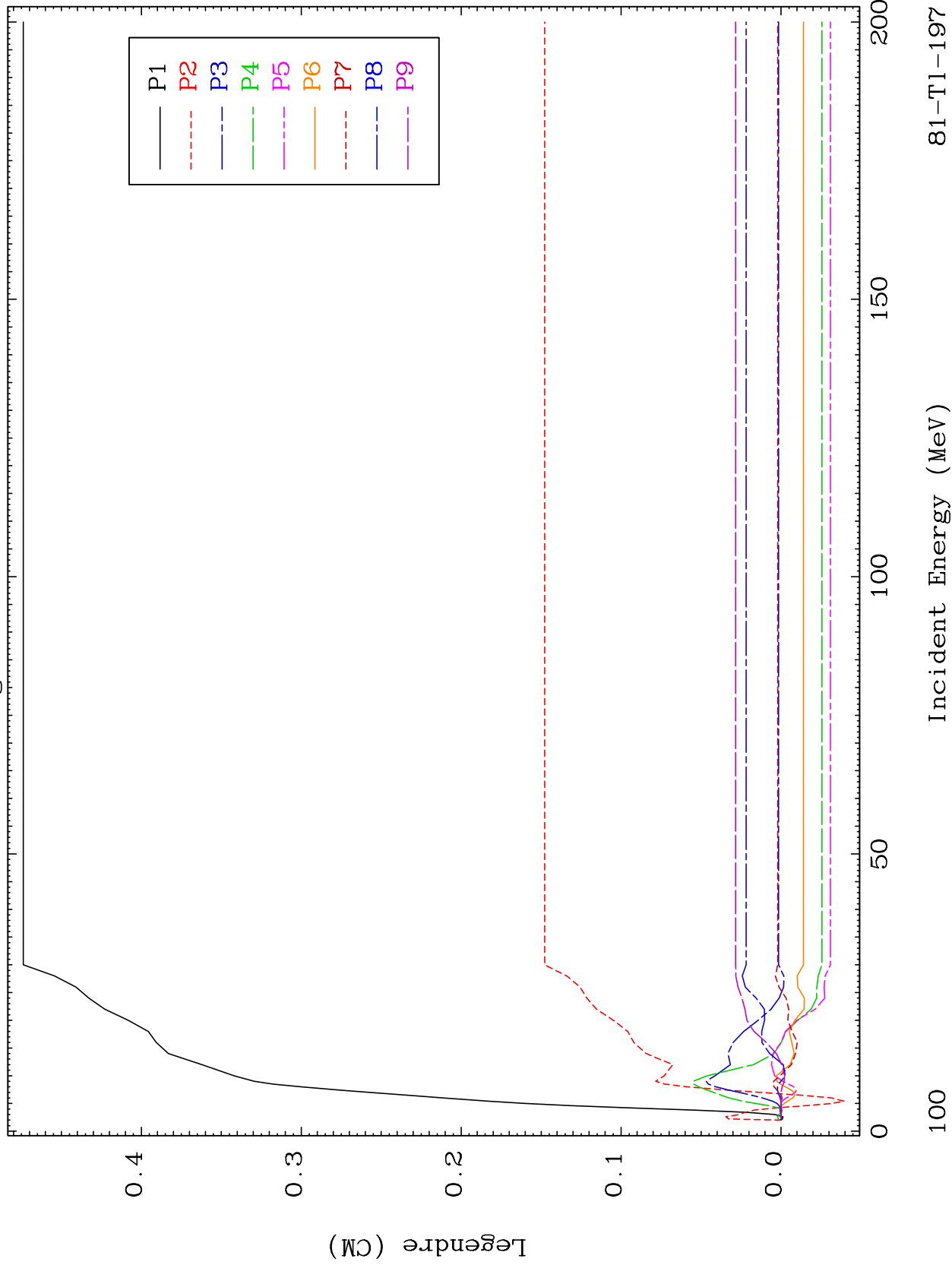
99

81-T1-197

MAT 8107

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

81-T1-197



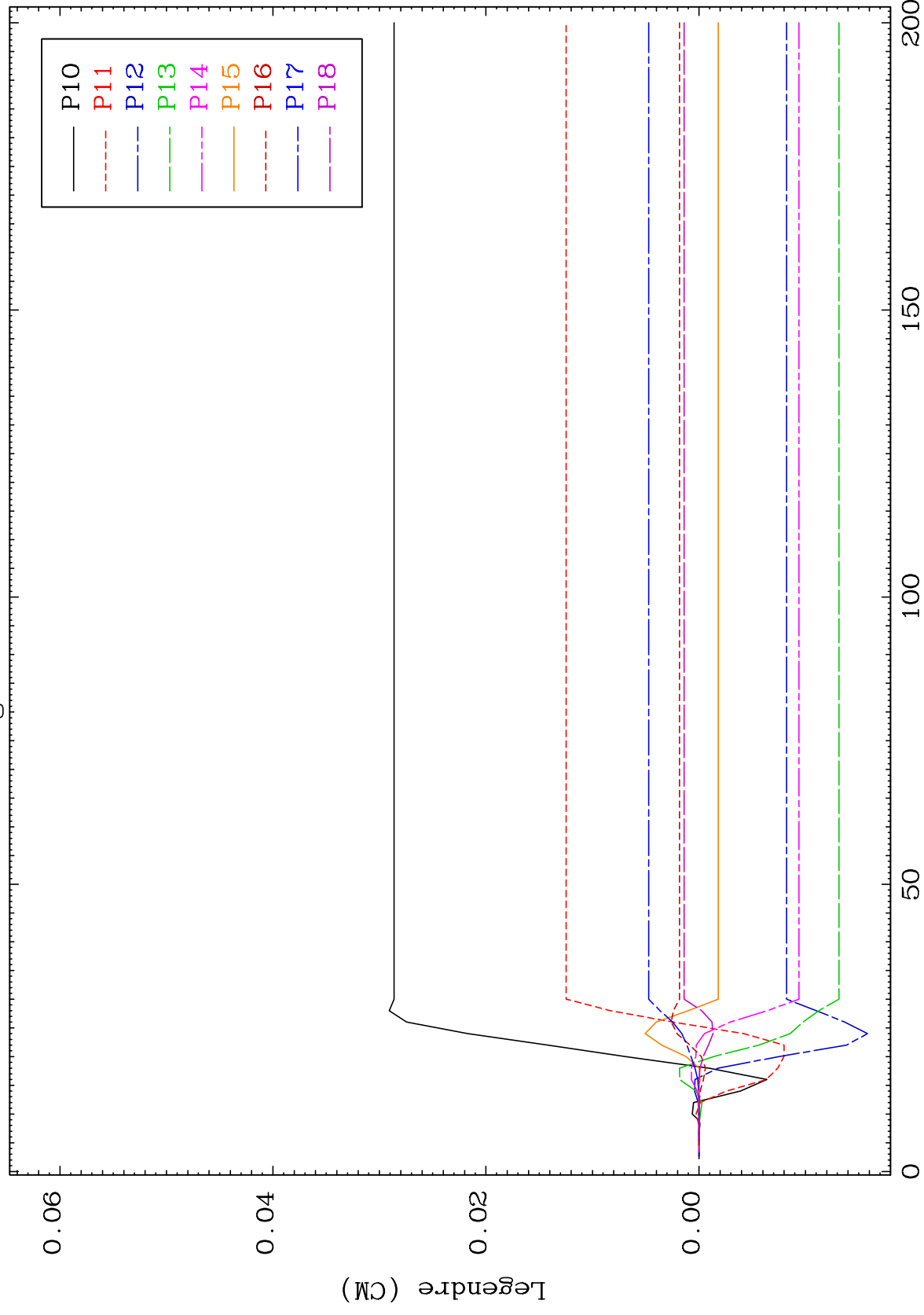
81-T1-197

Incident Energy (MeV)

MAT 8107

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

81-T1-197



101

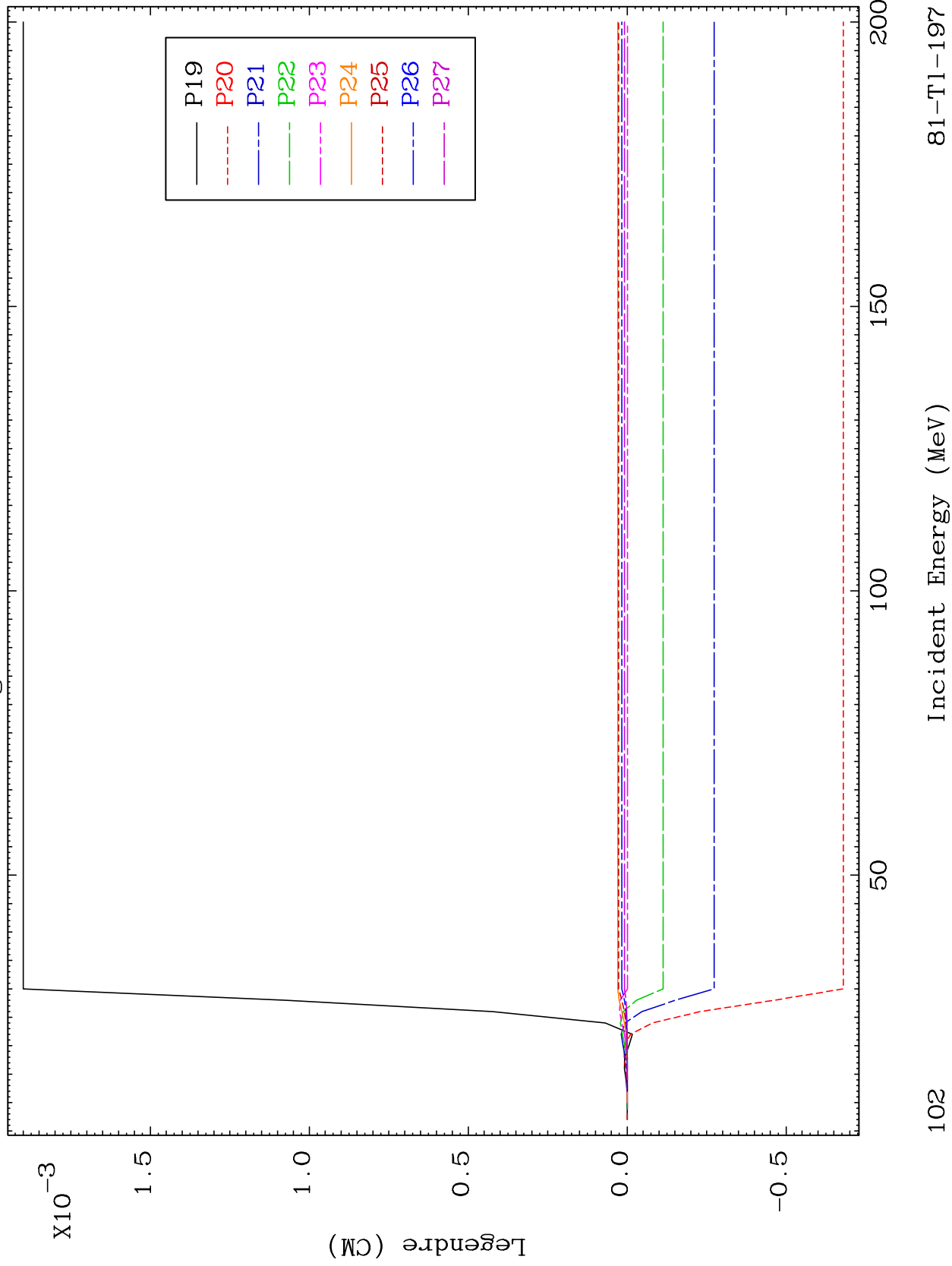
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



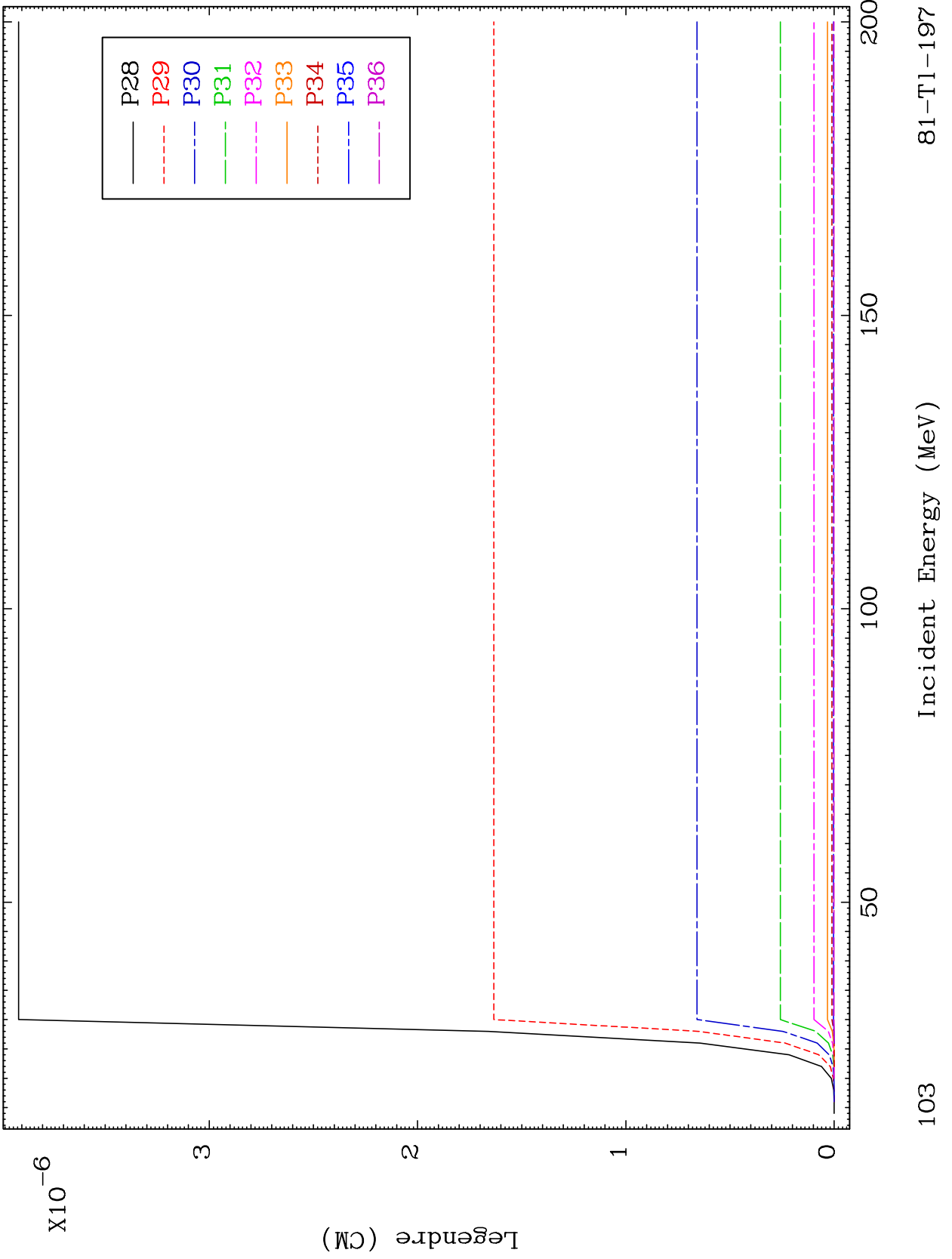
102

81-Tl-197

MAT 8107

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

81-T1-197

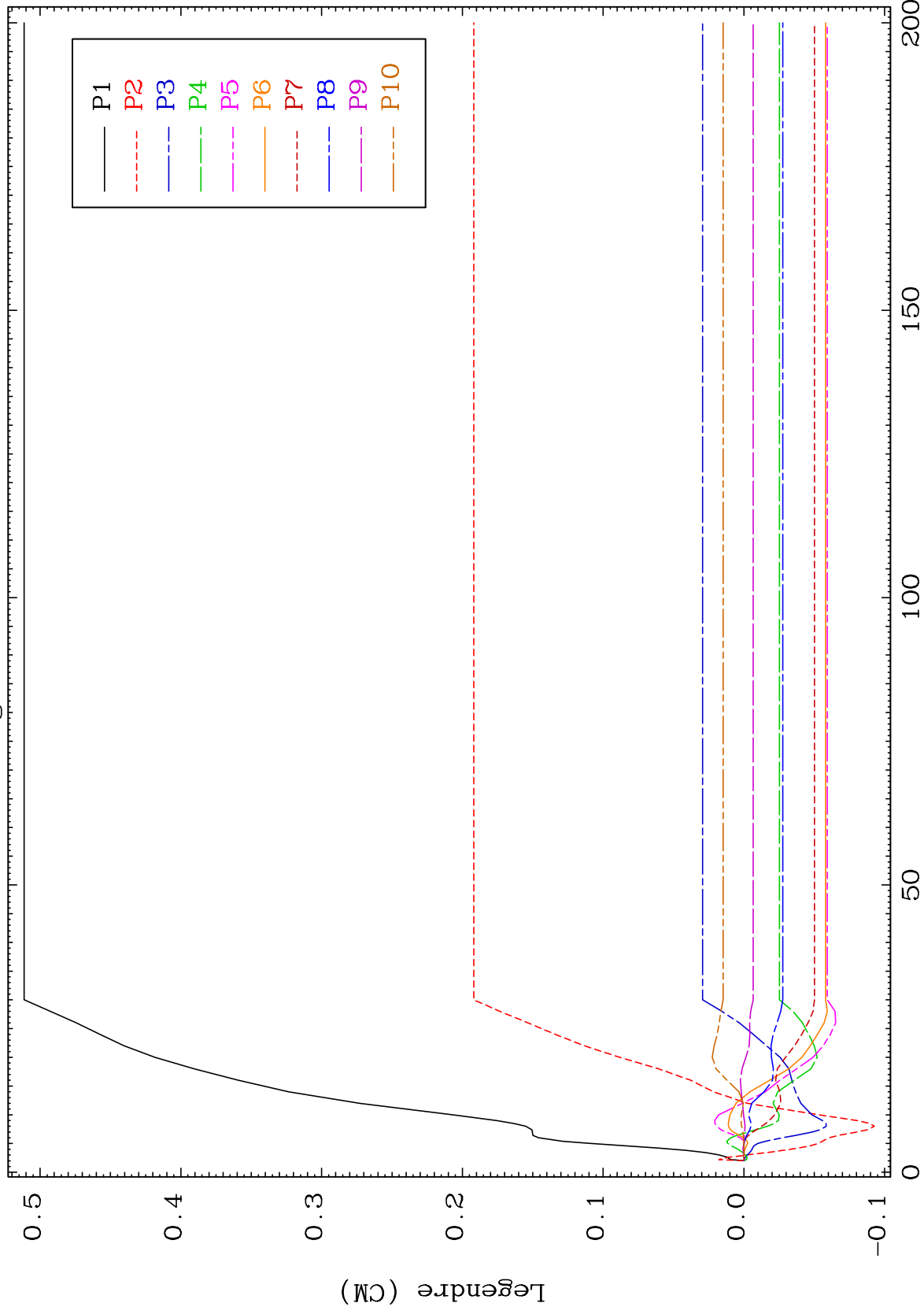




MAT 8107

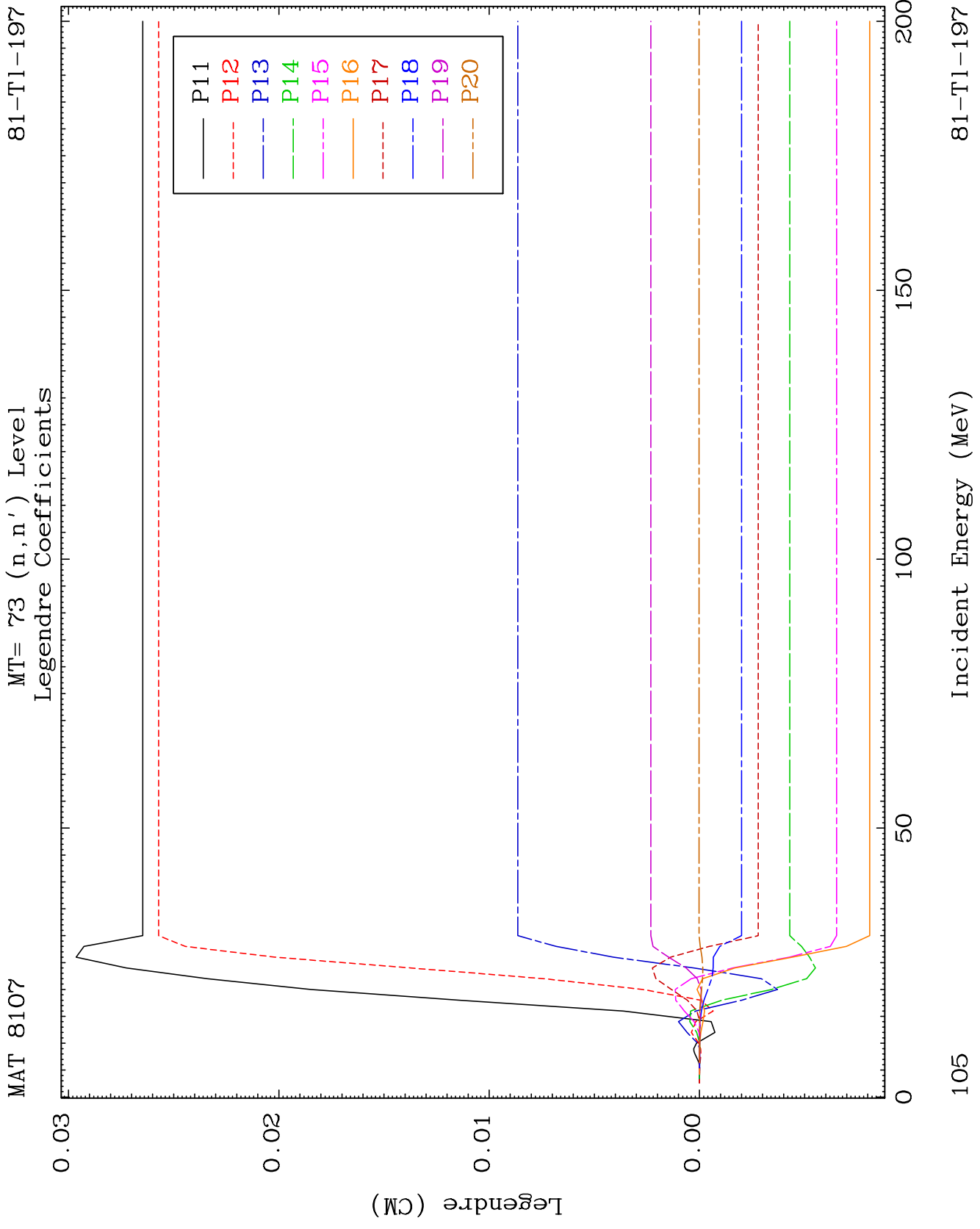
MT= 73 (n,n') Level  
Legendre Coefficients

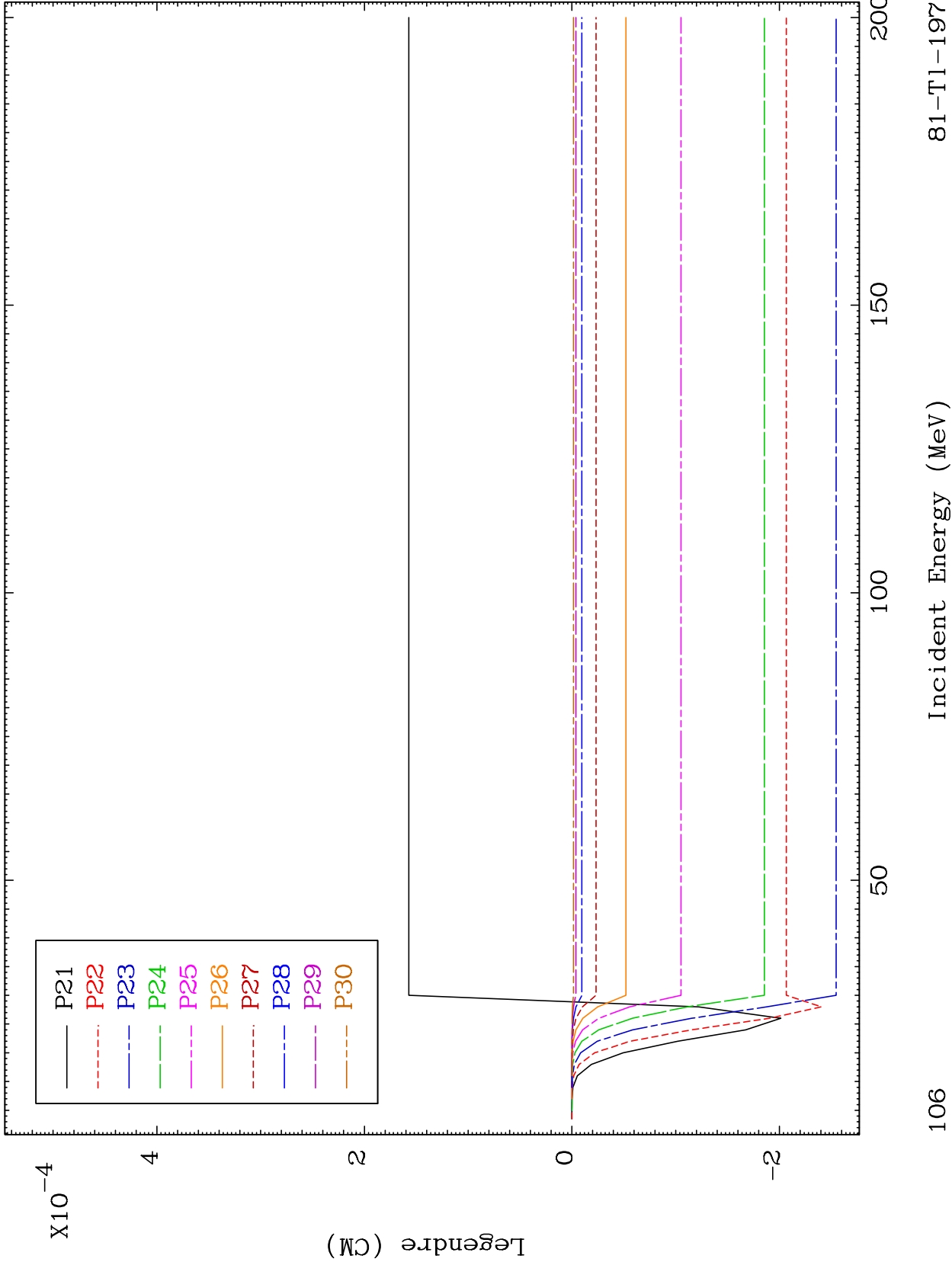
81-T1-197

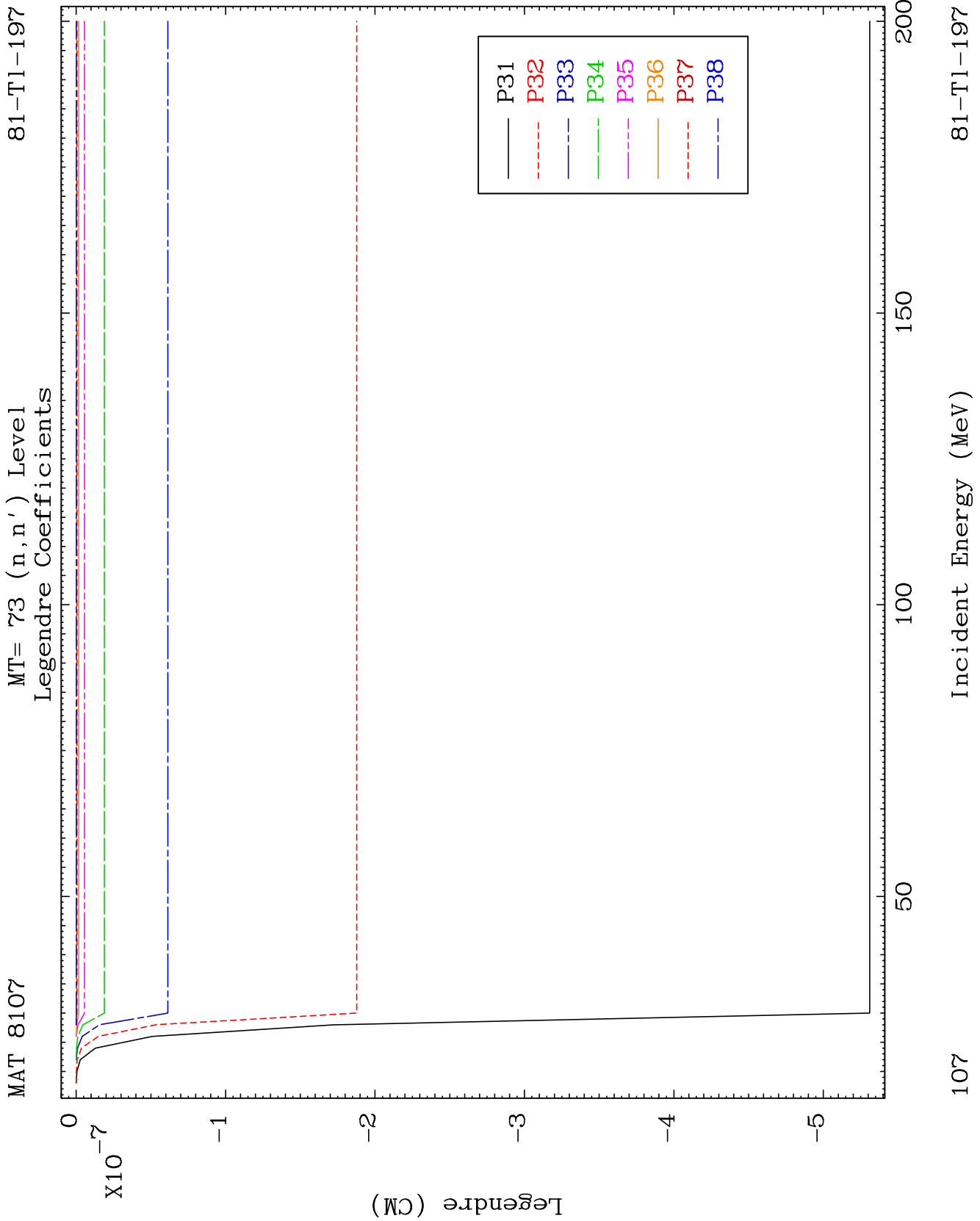


104

81-T1-197



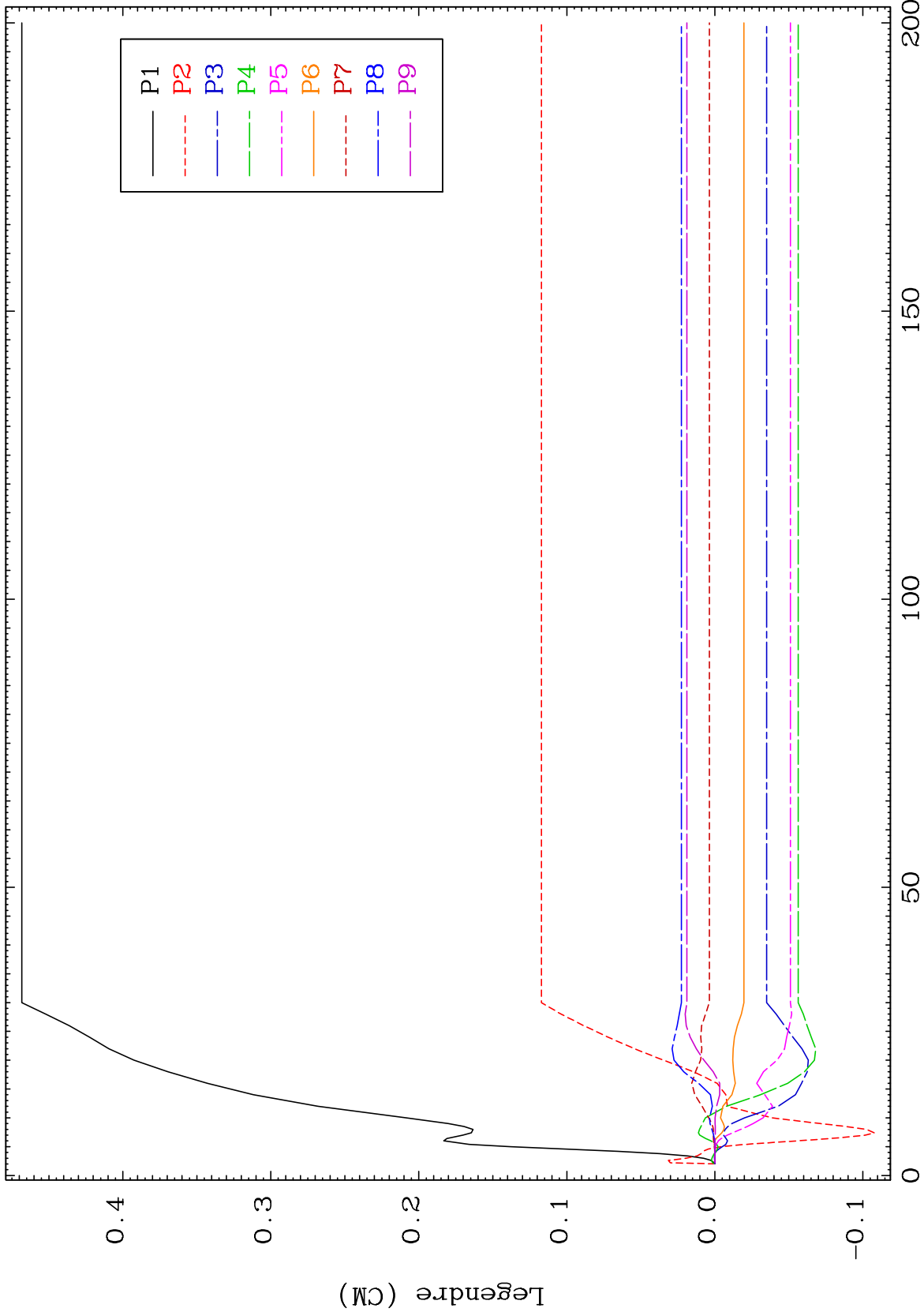




MAT 8107

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

81-T1-197



108

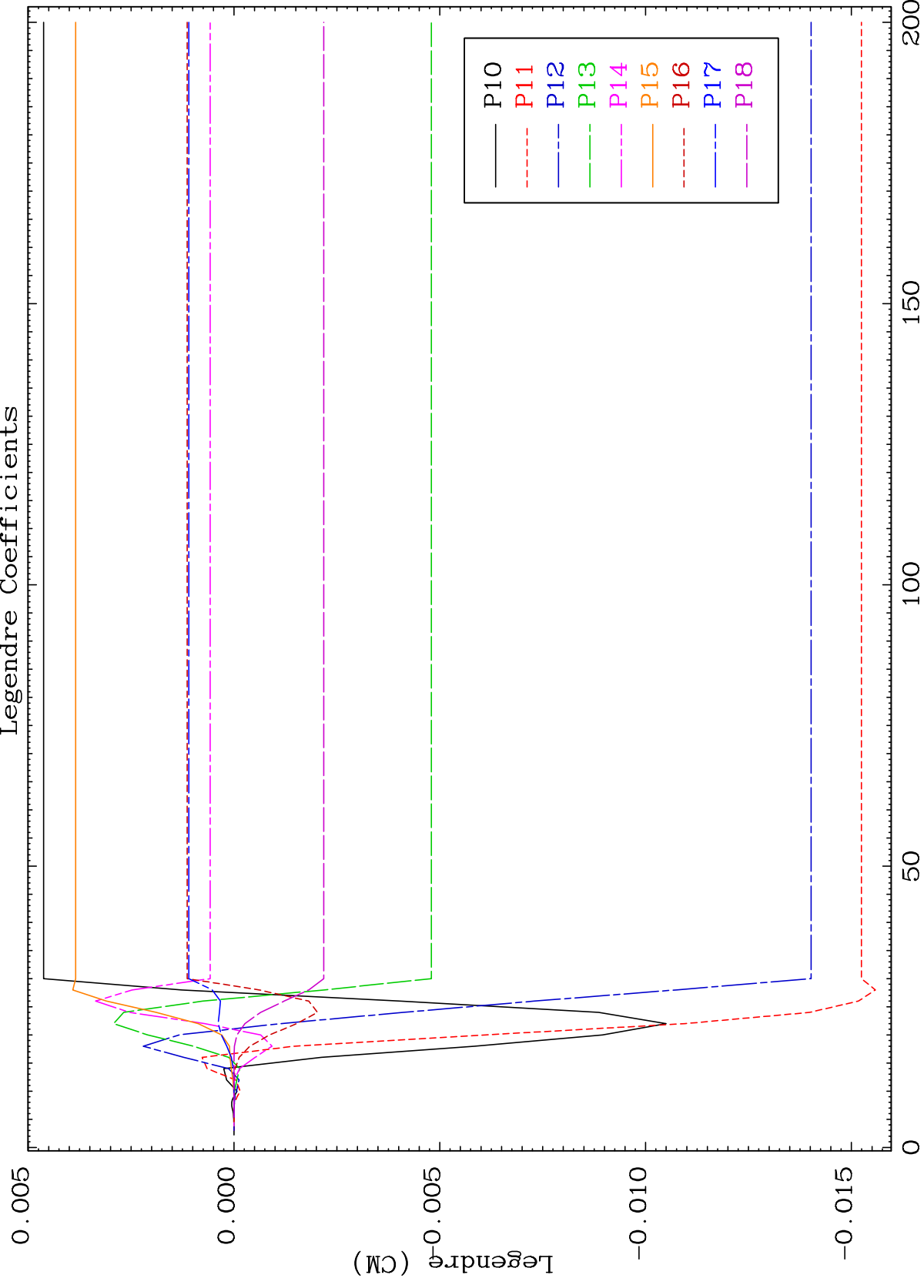
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



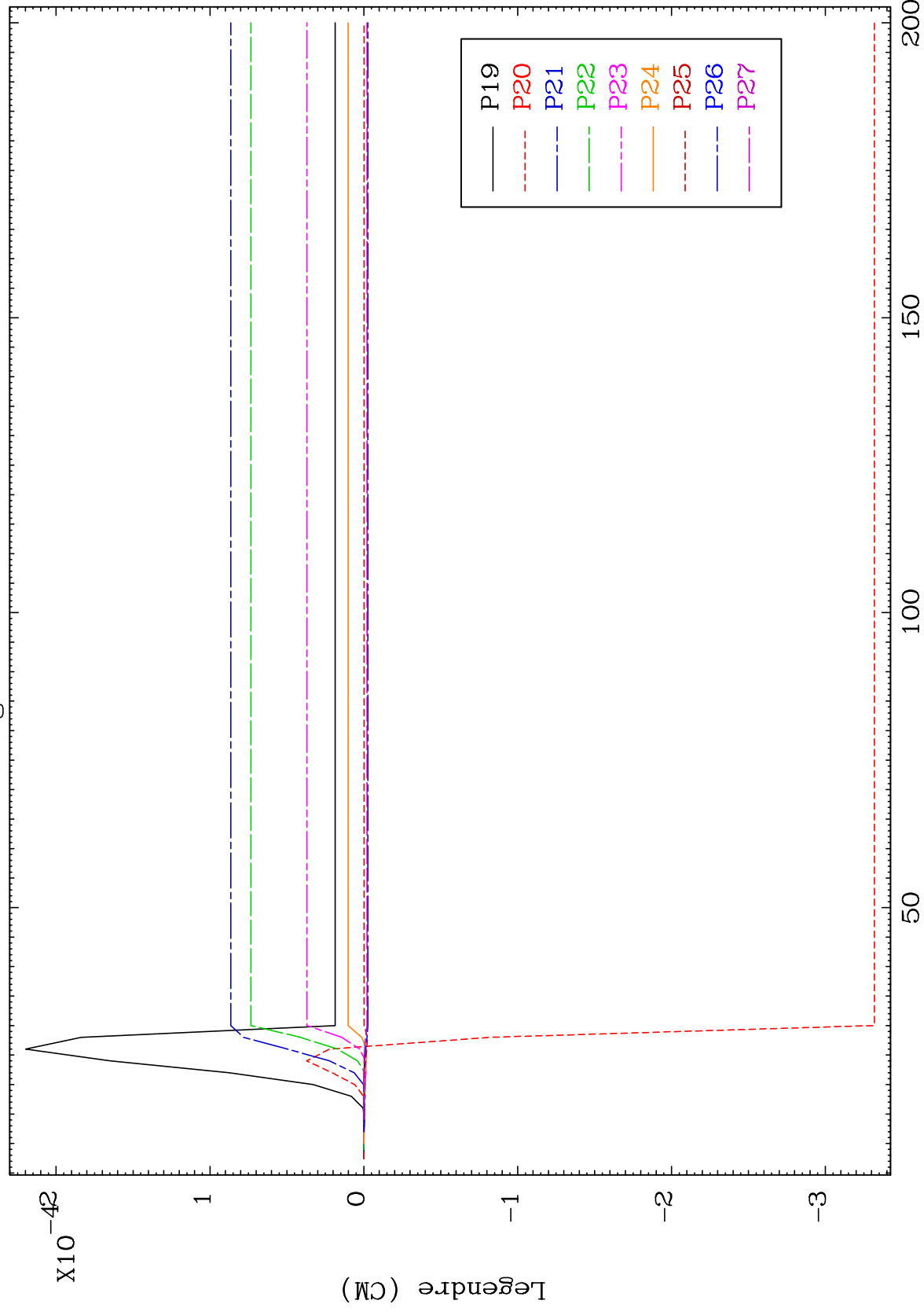
109

81-T1-197

MAT 8107

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

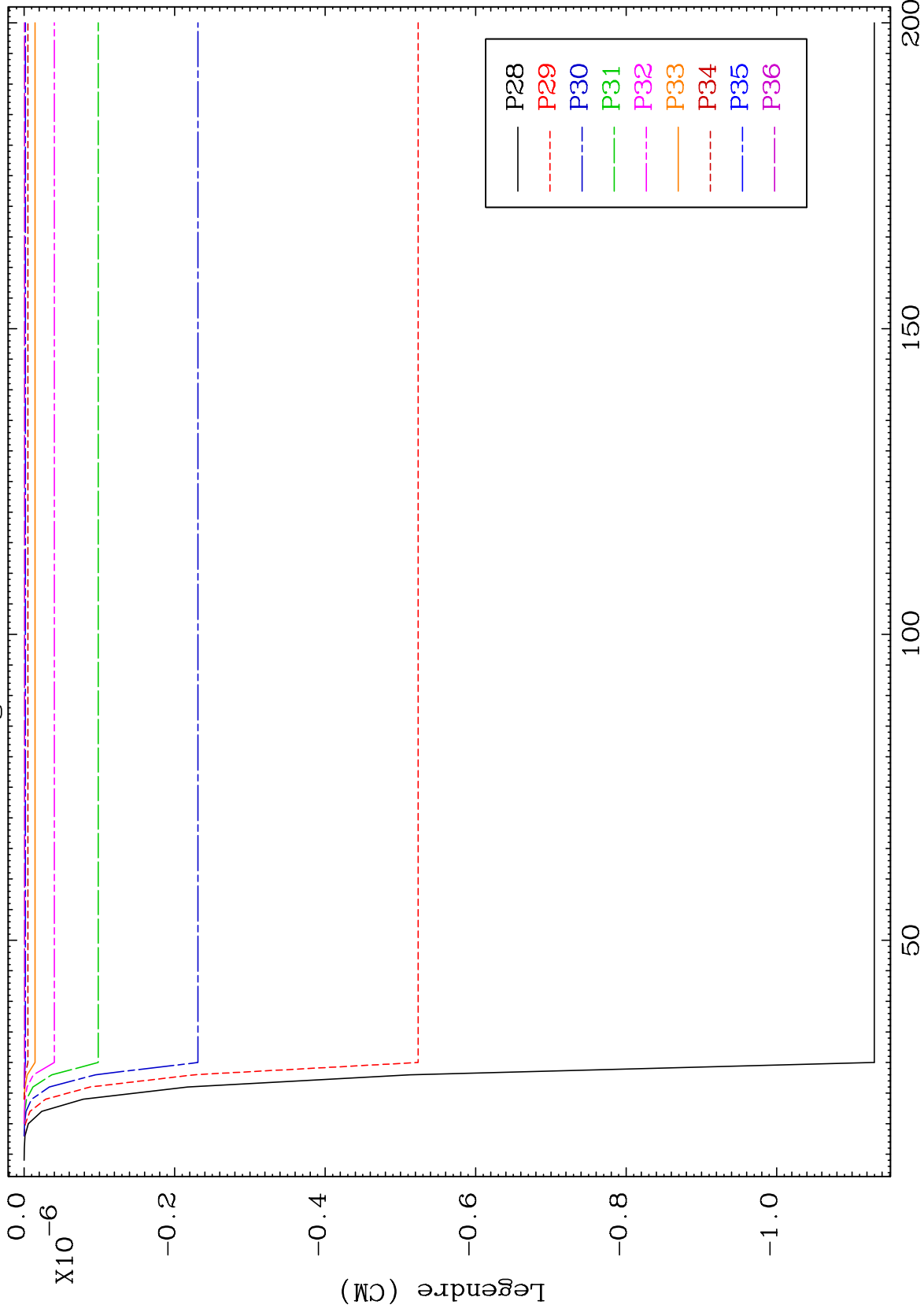
81-T1-197



110

Incident Energy (MeV)

81-T1-197

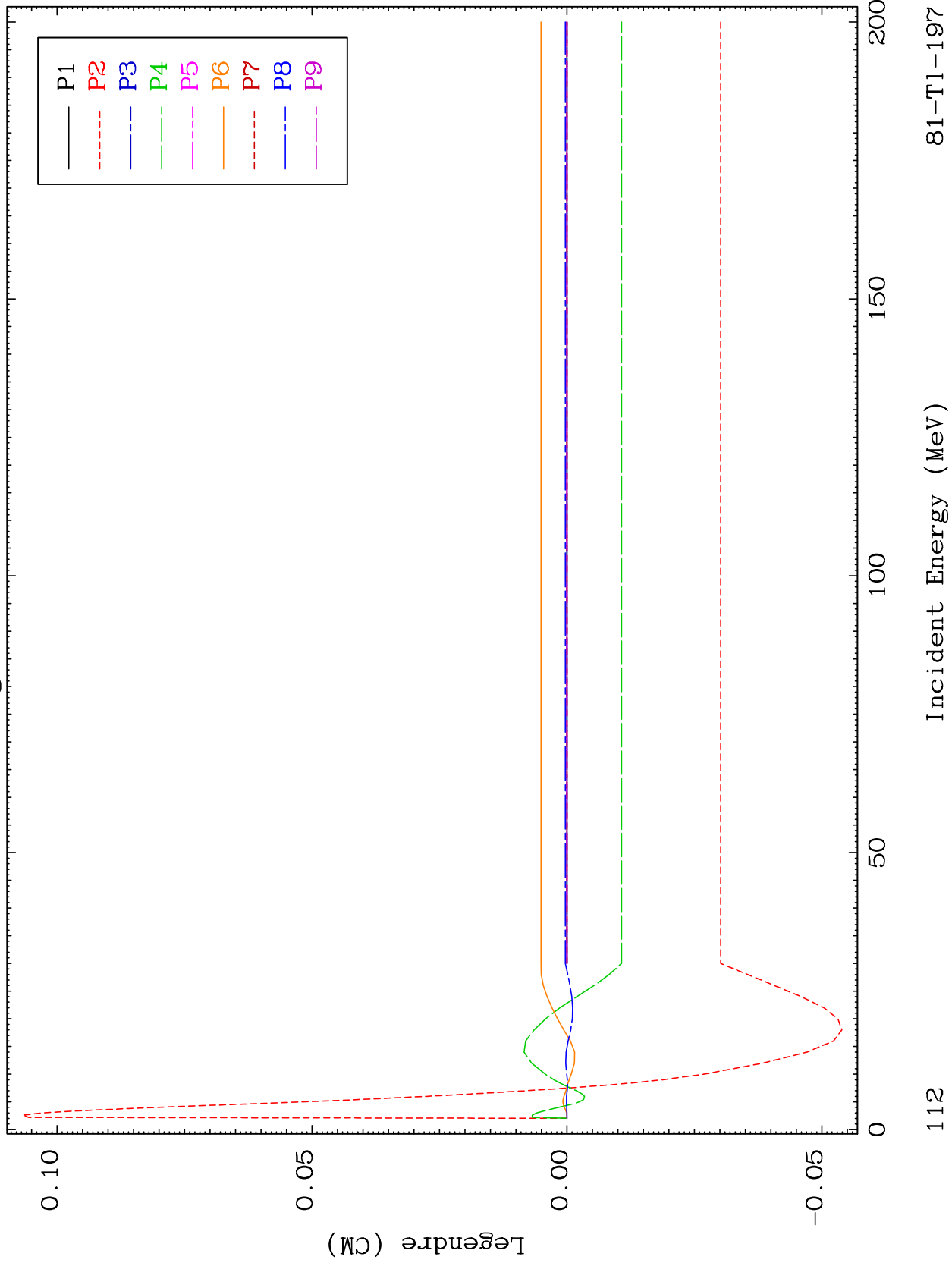




MAT 8107

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

81-T1-197



81-T1-197

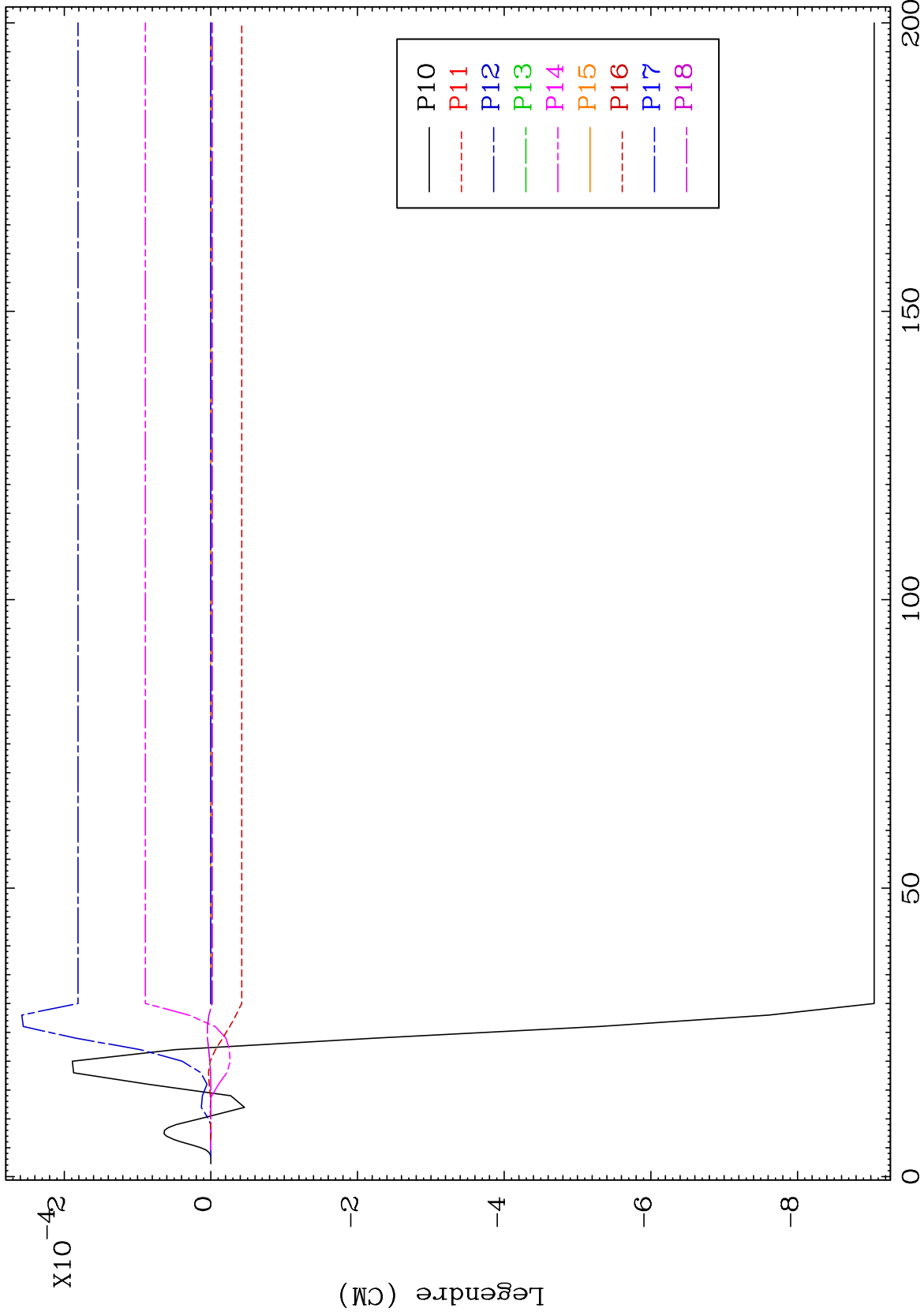
Incident Energy (MeV)

112

MAT 8107

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

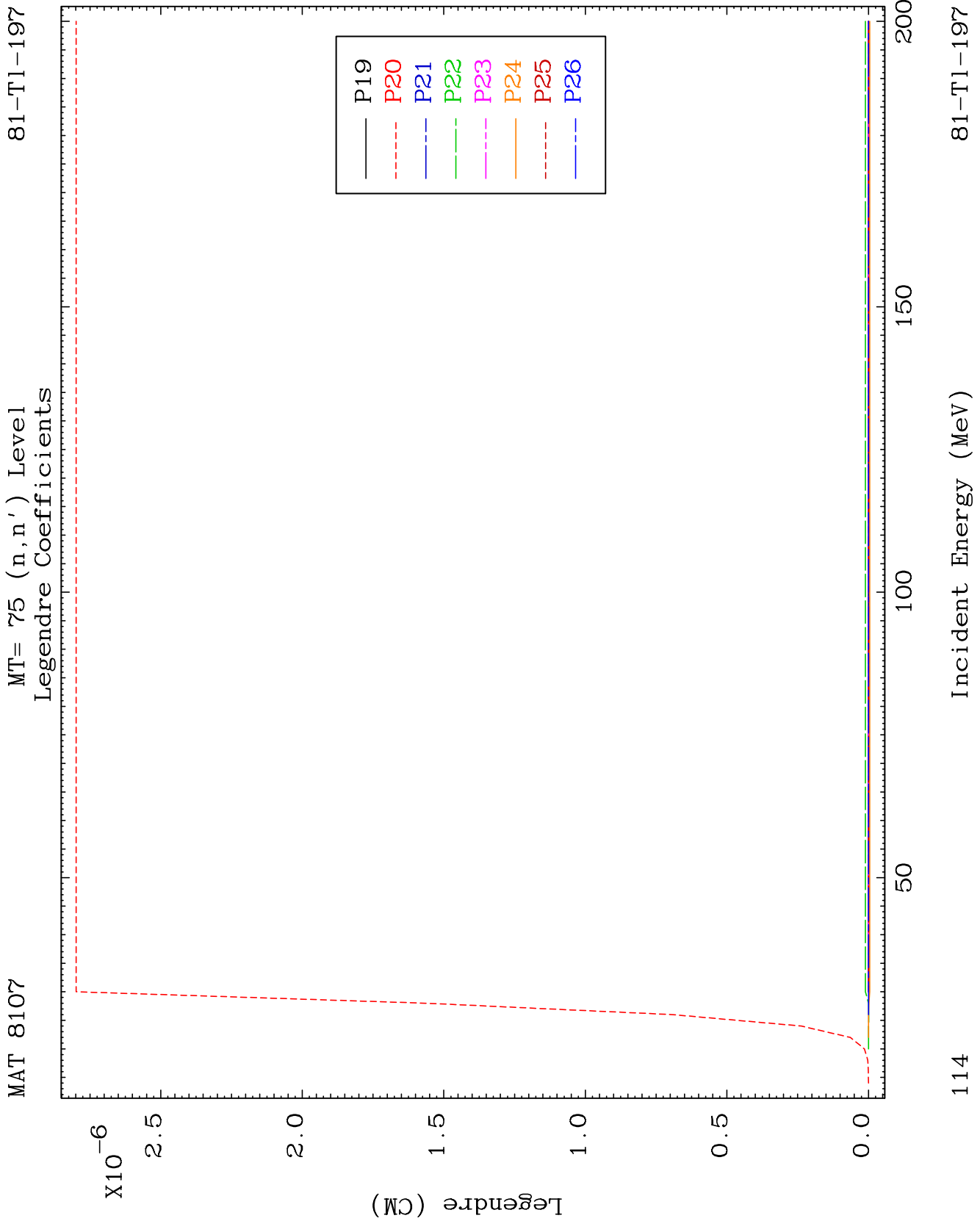
81-T1-197



113

Incident Energy (MeV)

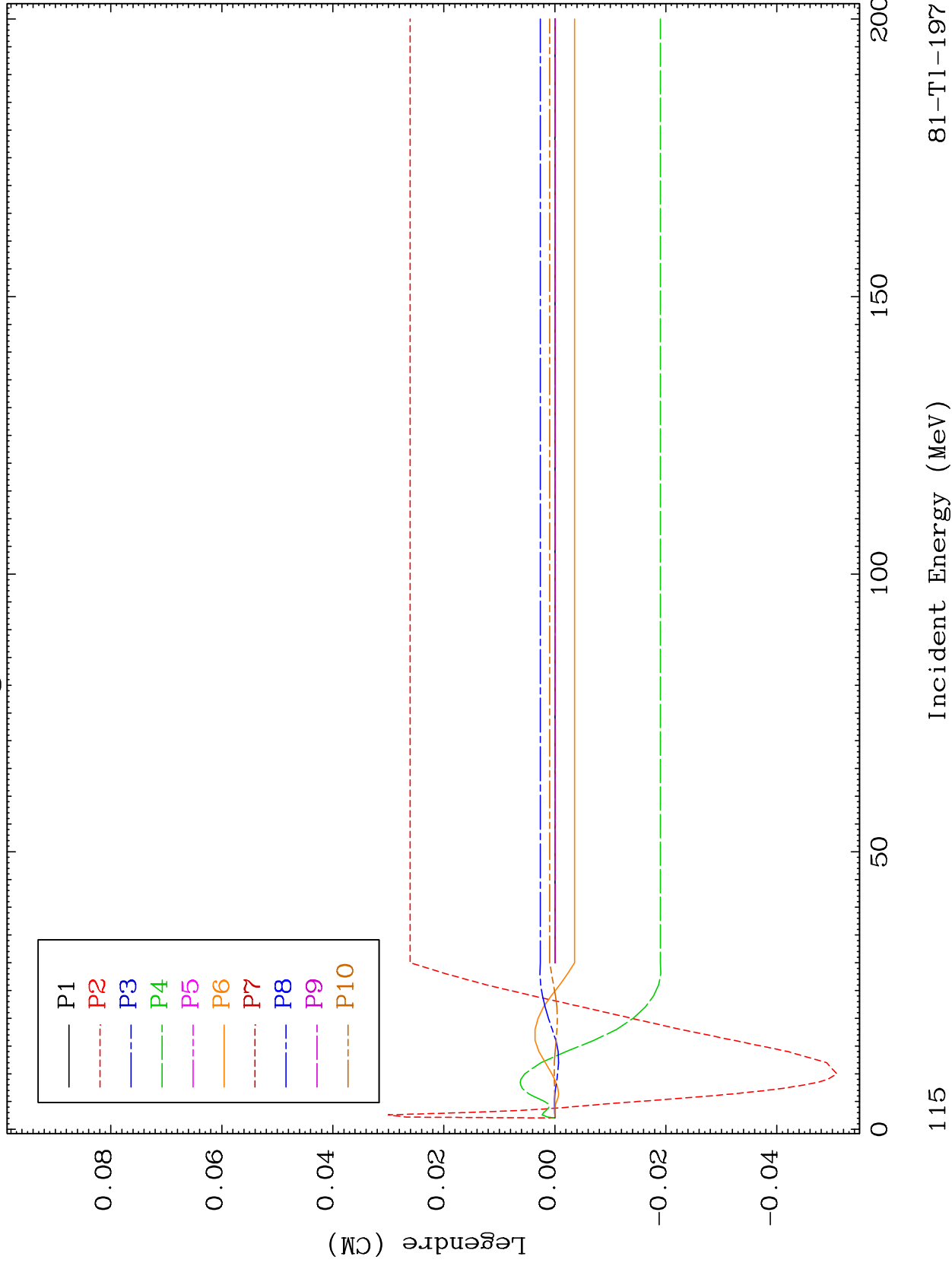
81-T1-197



MAT 8107

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

81-T1-197



81-T1-197

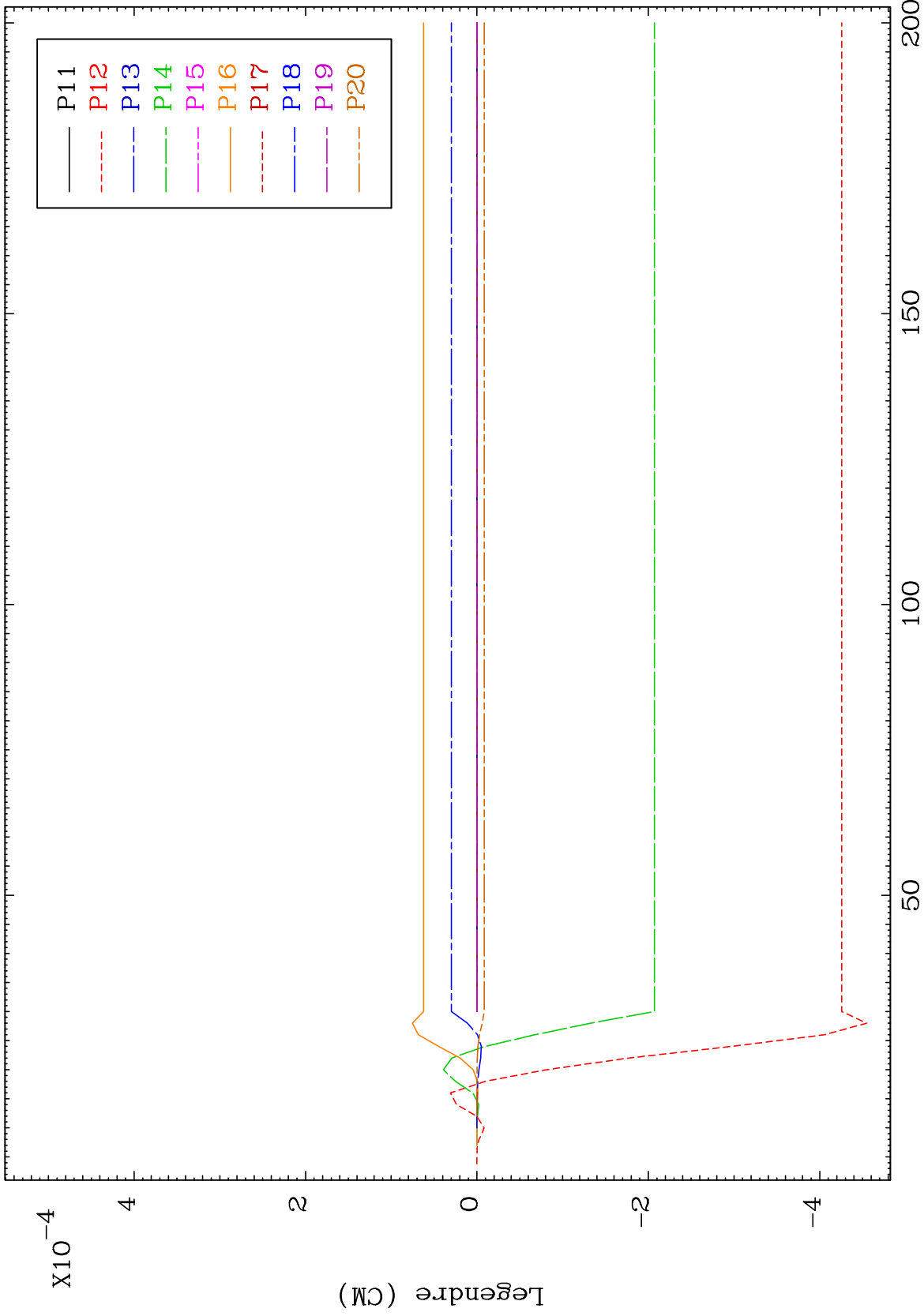
Incident Energy (MeV)

115

MAT 8107

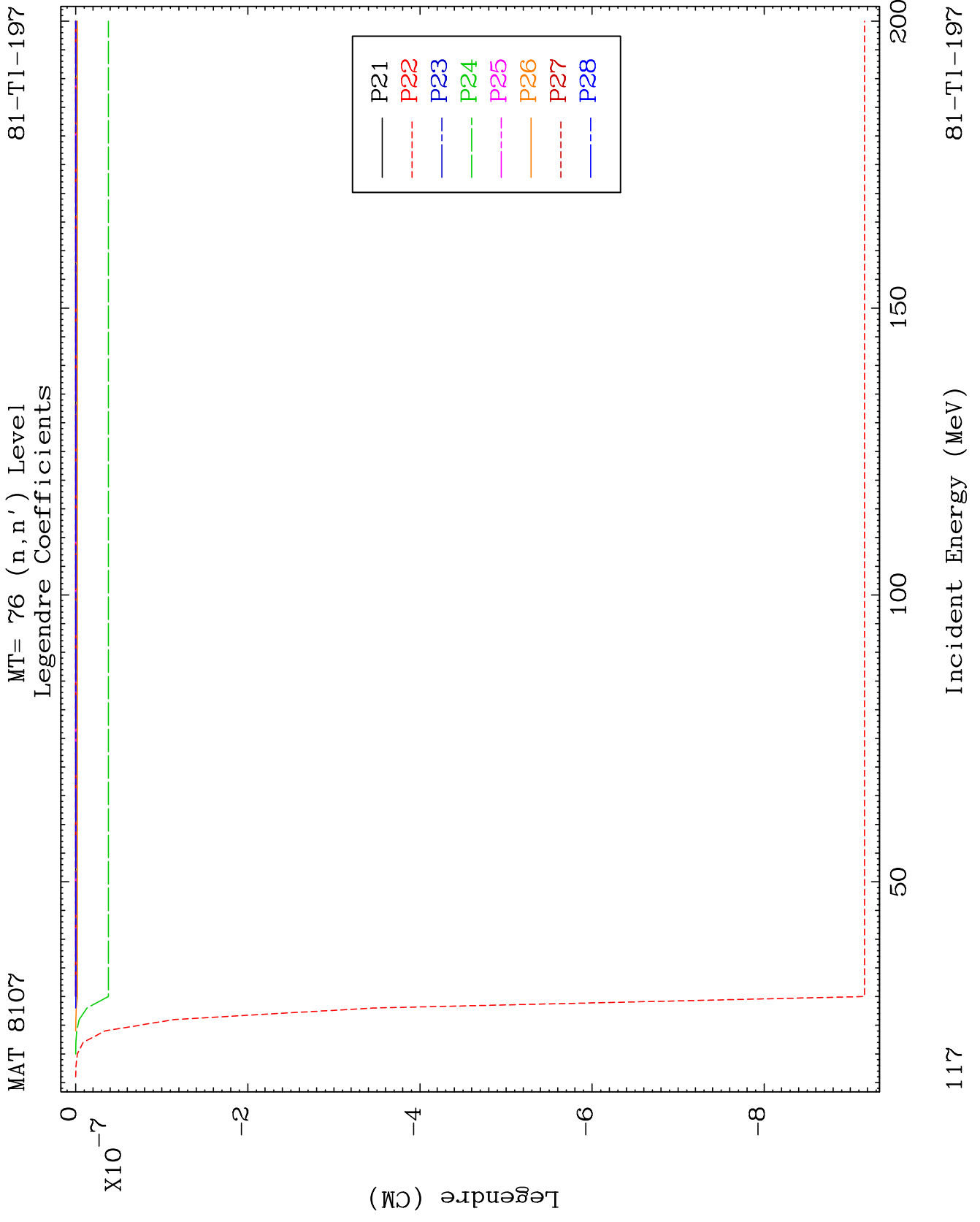
MT= 76 (n,n') Level  
Legendre Coefficients

81-T1-197



116

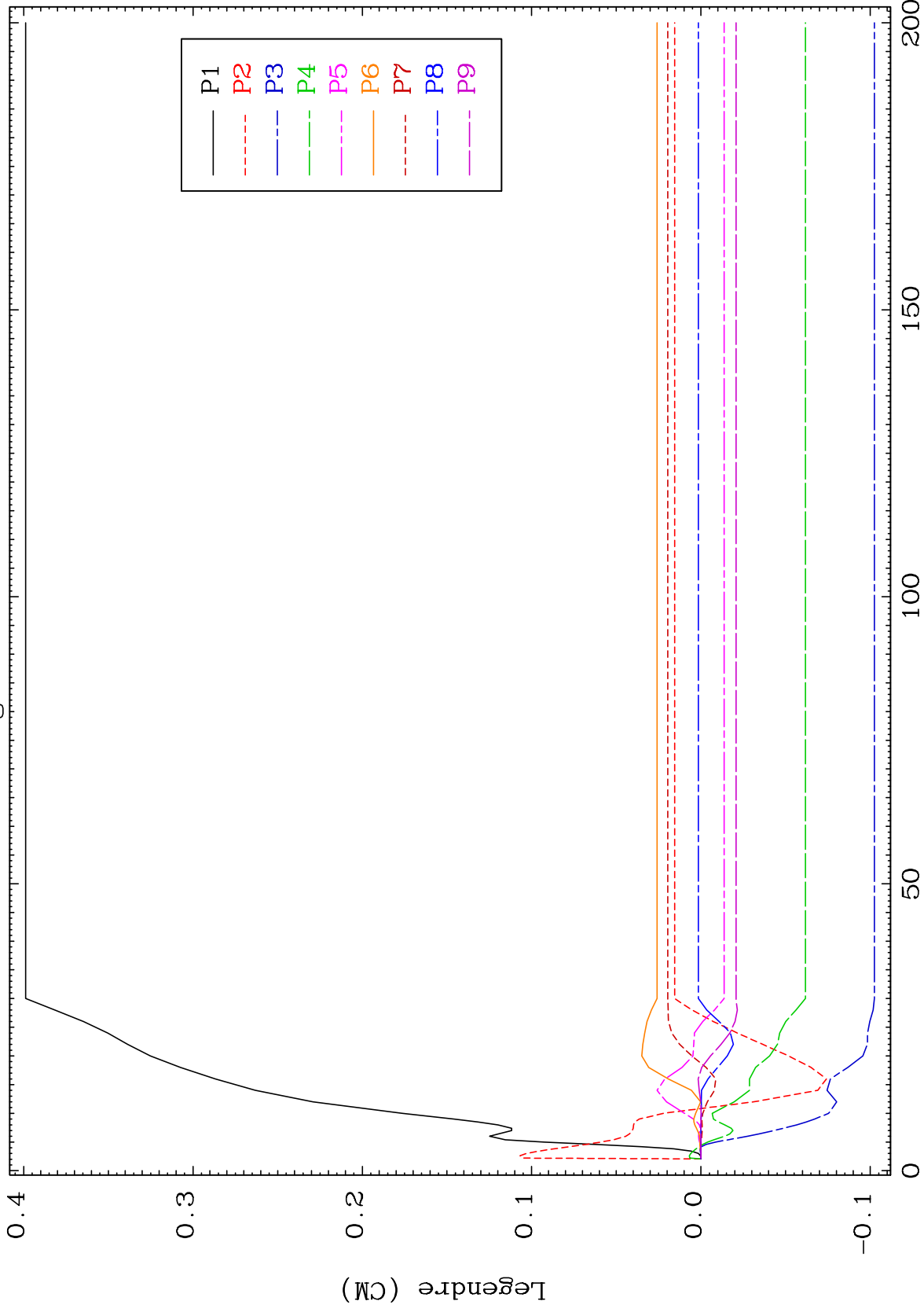
81-T1-197



MAT 8107

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

81-T1-197



118

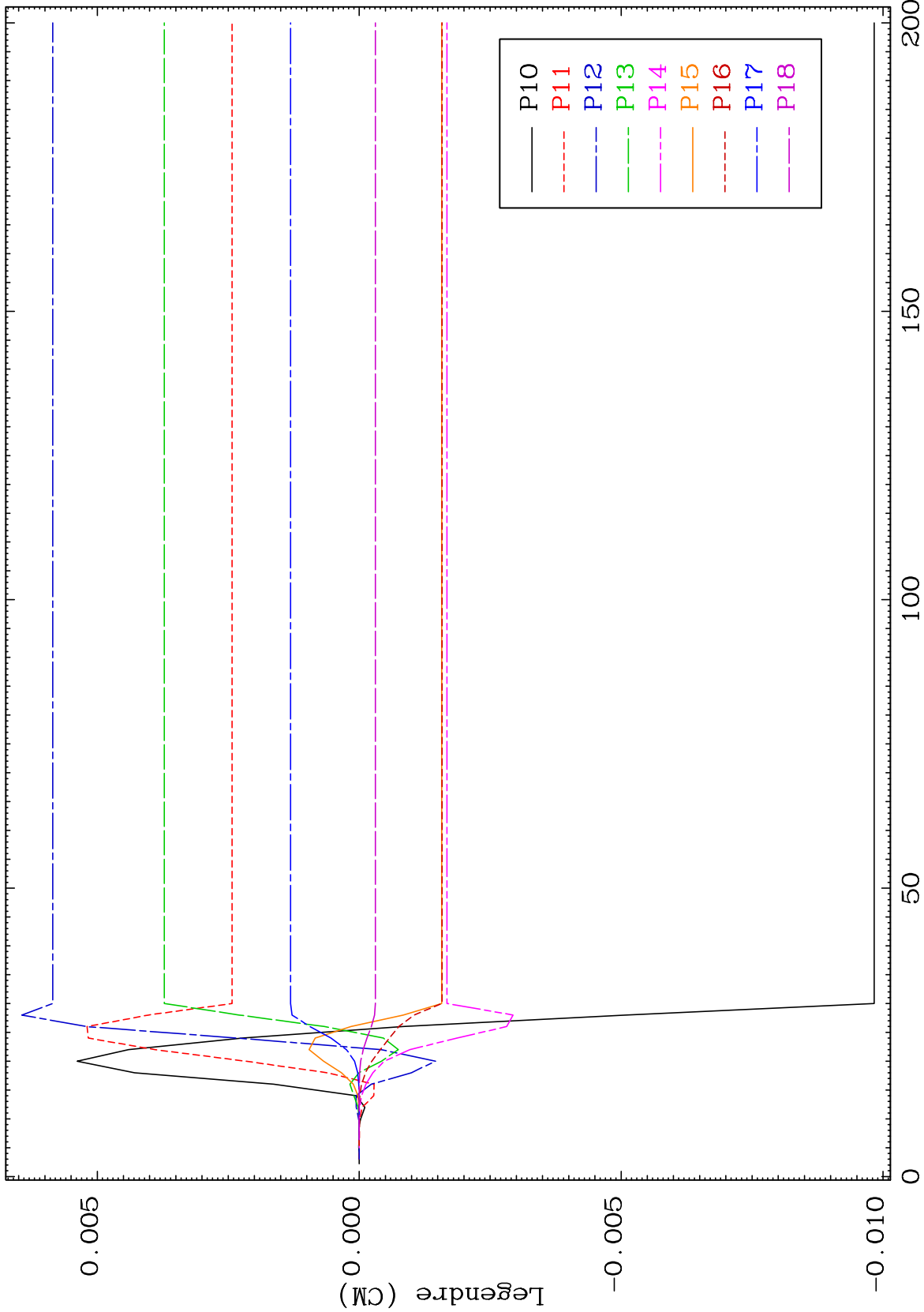
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



119

Incident Energy (MeV)

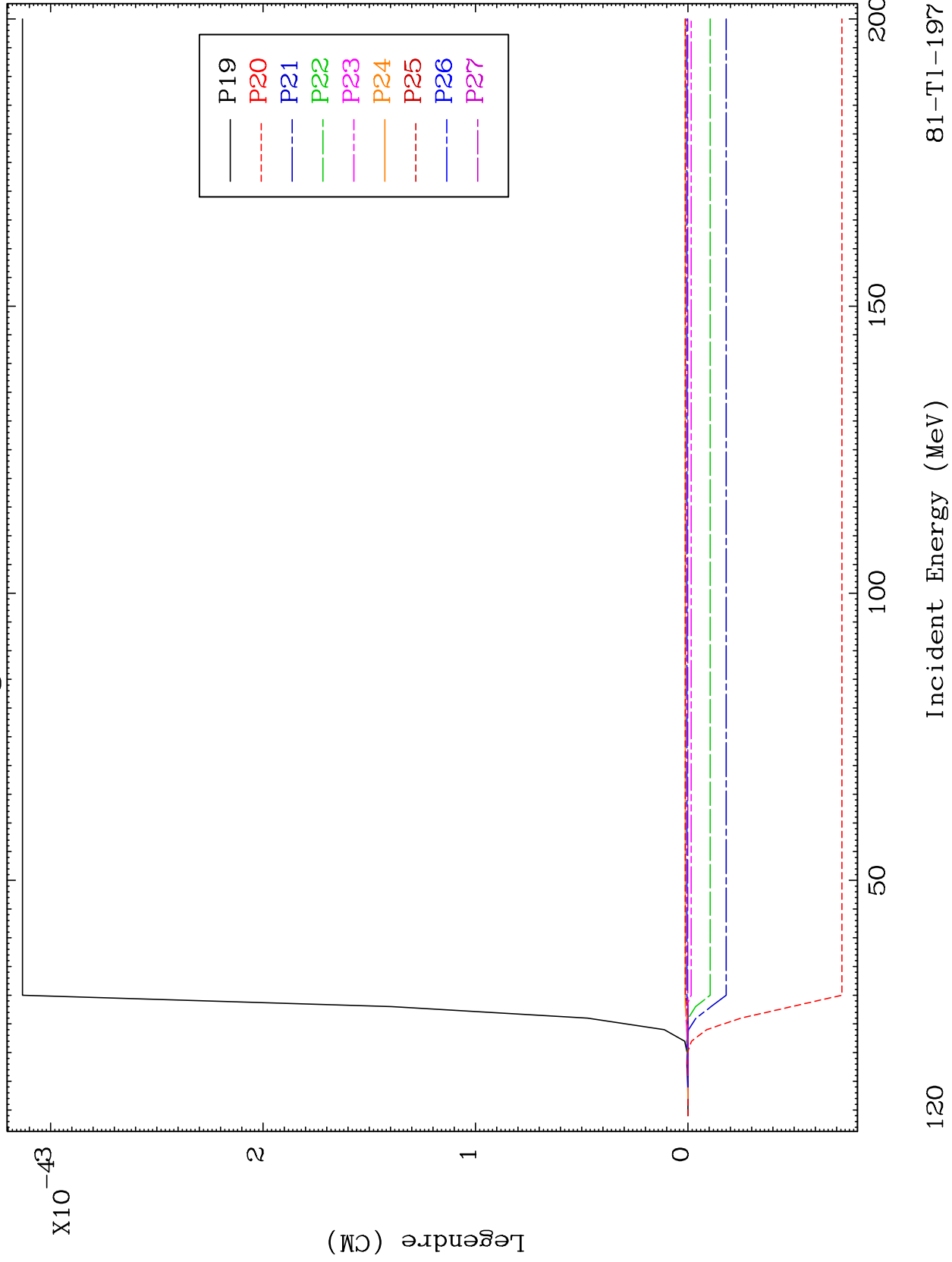
81-T1-197



MAT 8107

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

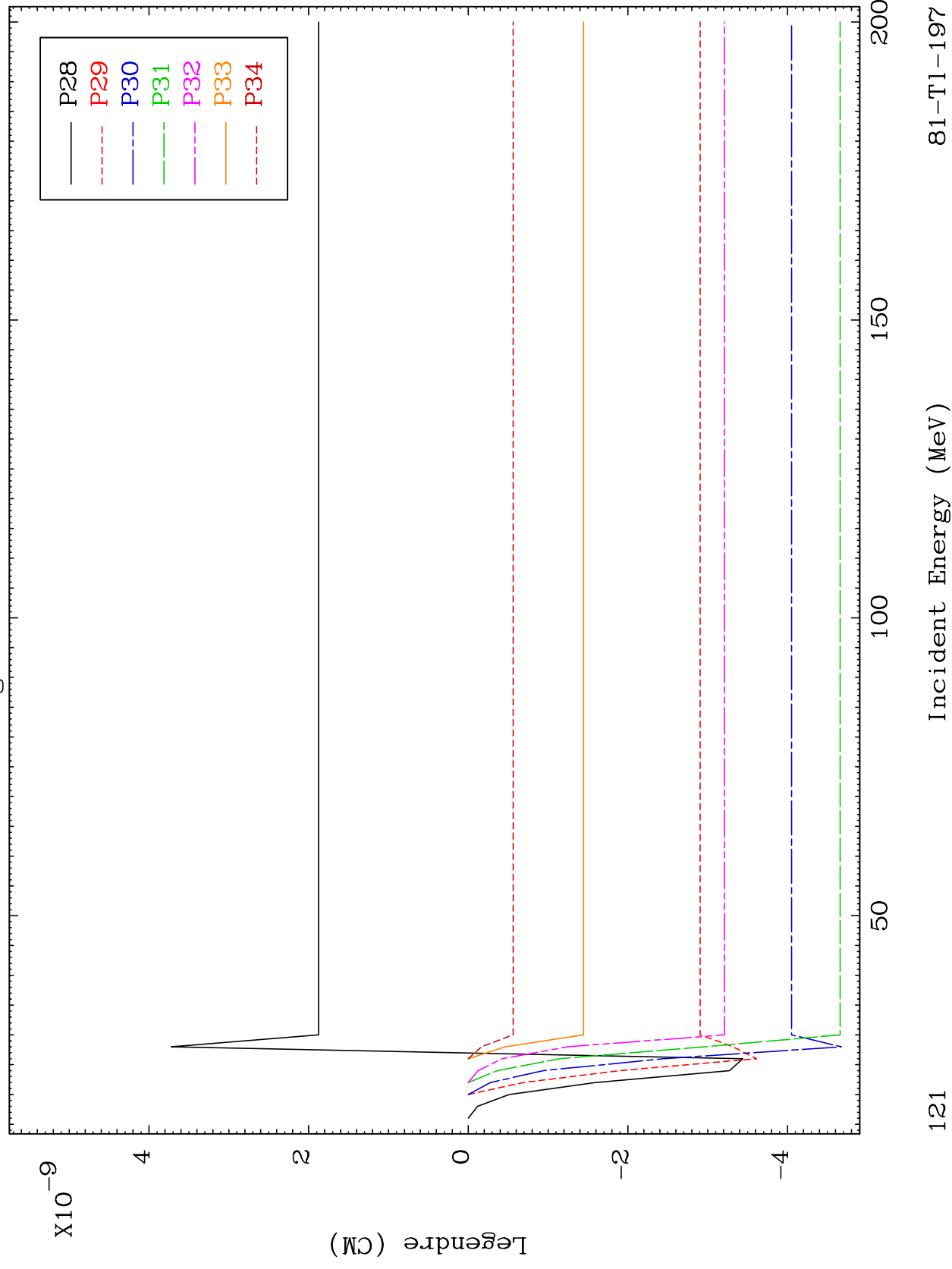
81-T1-197

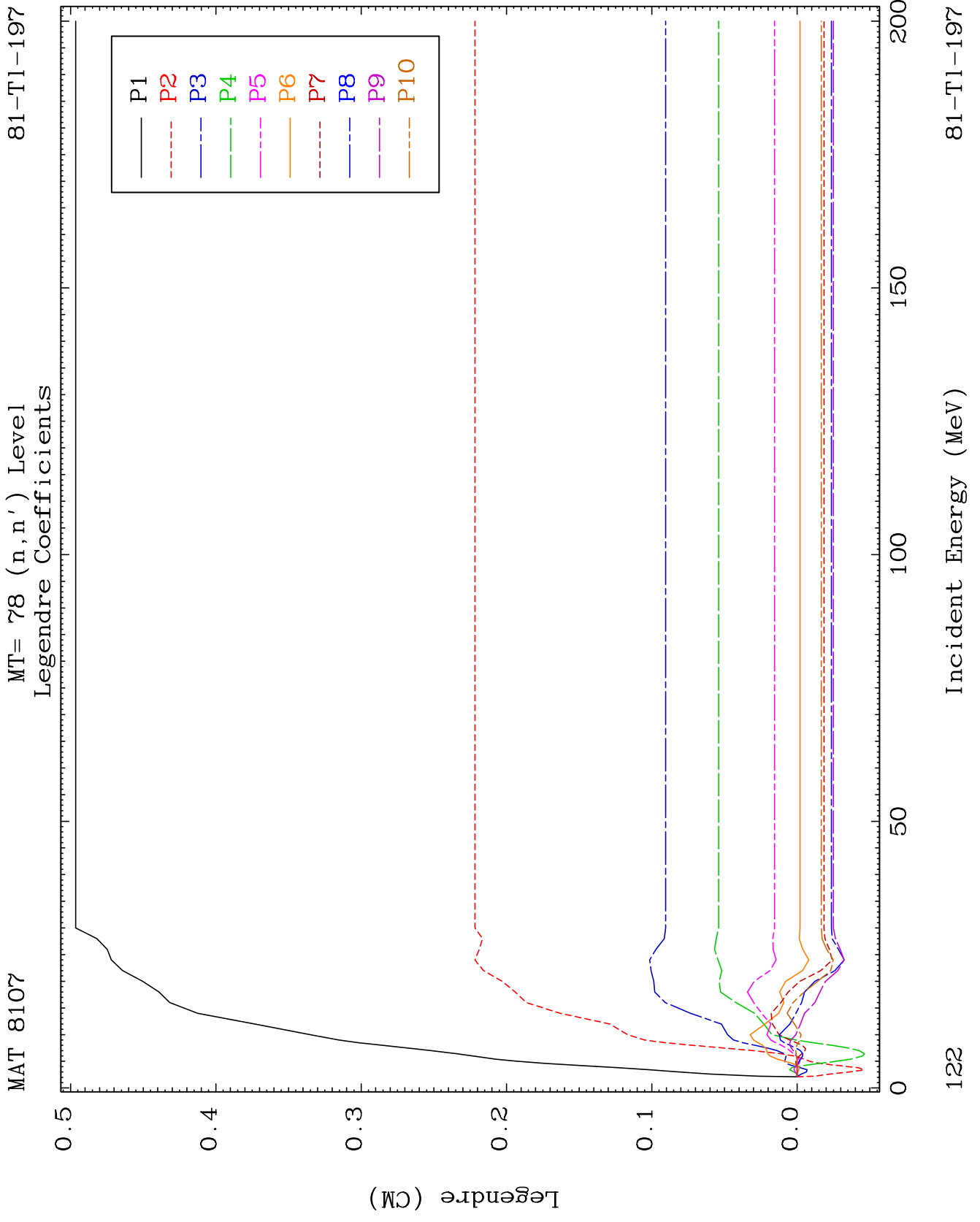


MAT 8107

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

81-T1-197

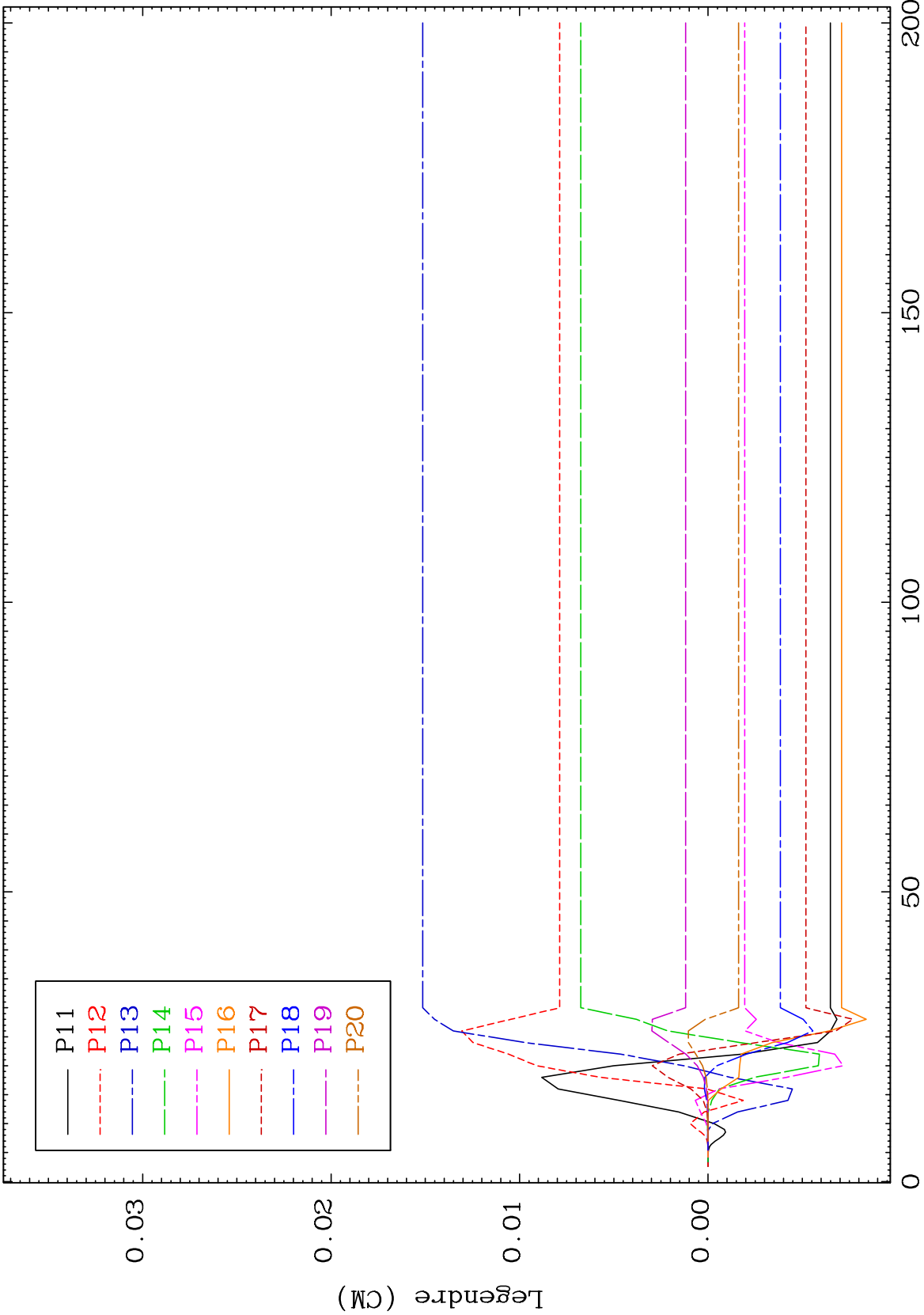




MAT 8107

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

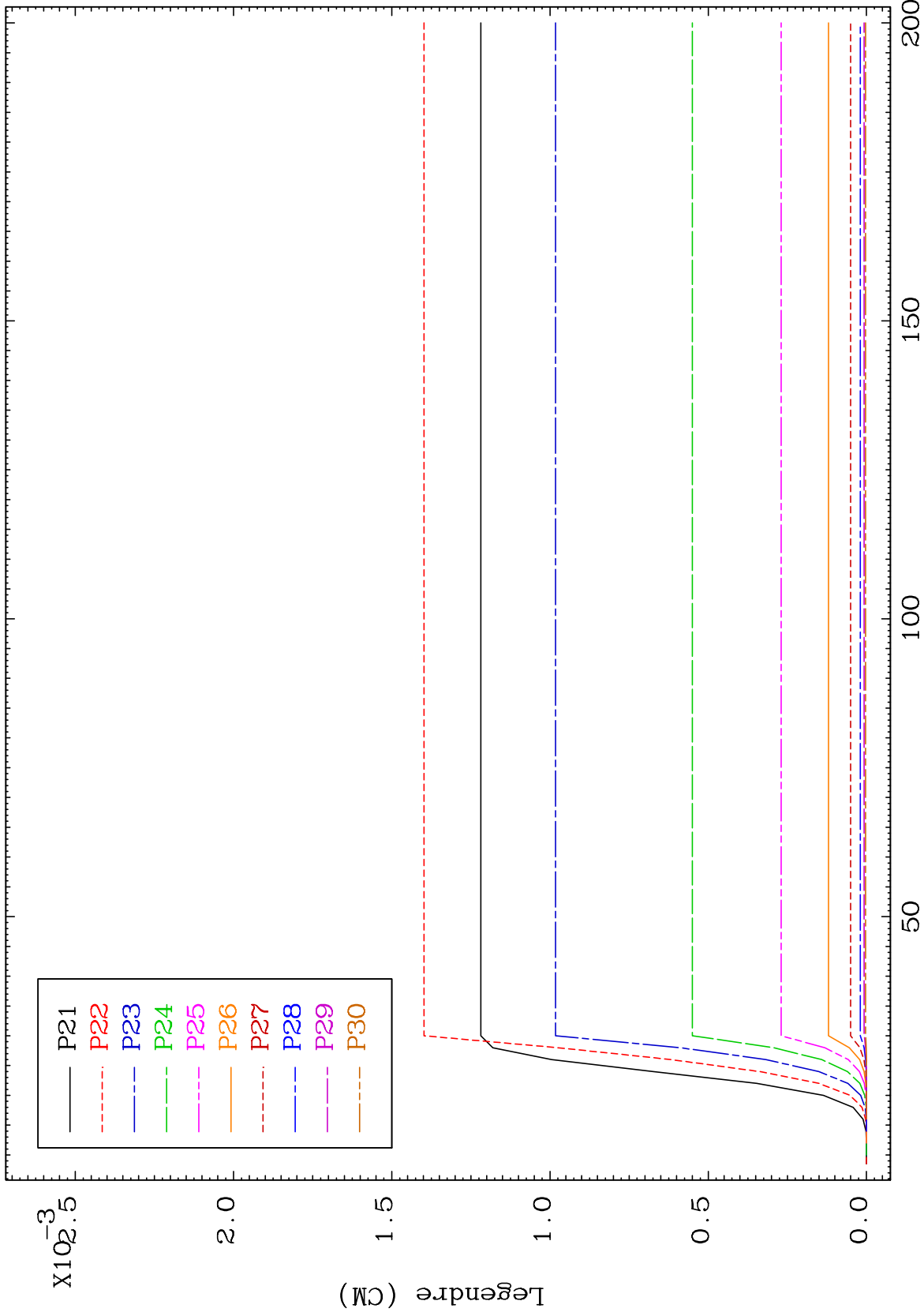
81-Tl-197



123

Incident Energy (MeV)

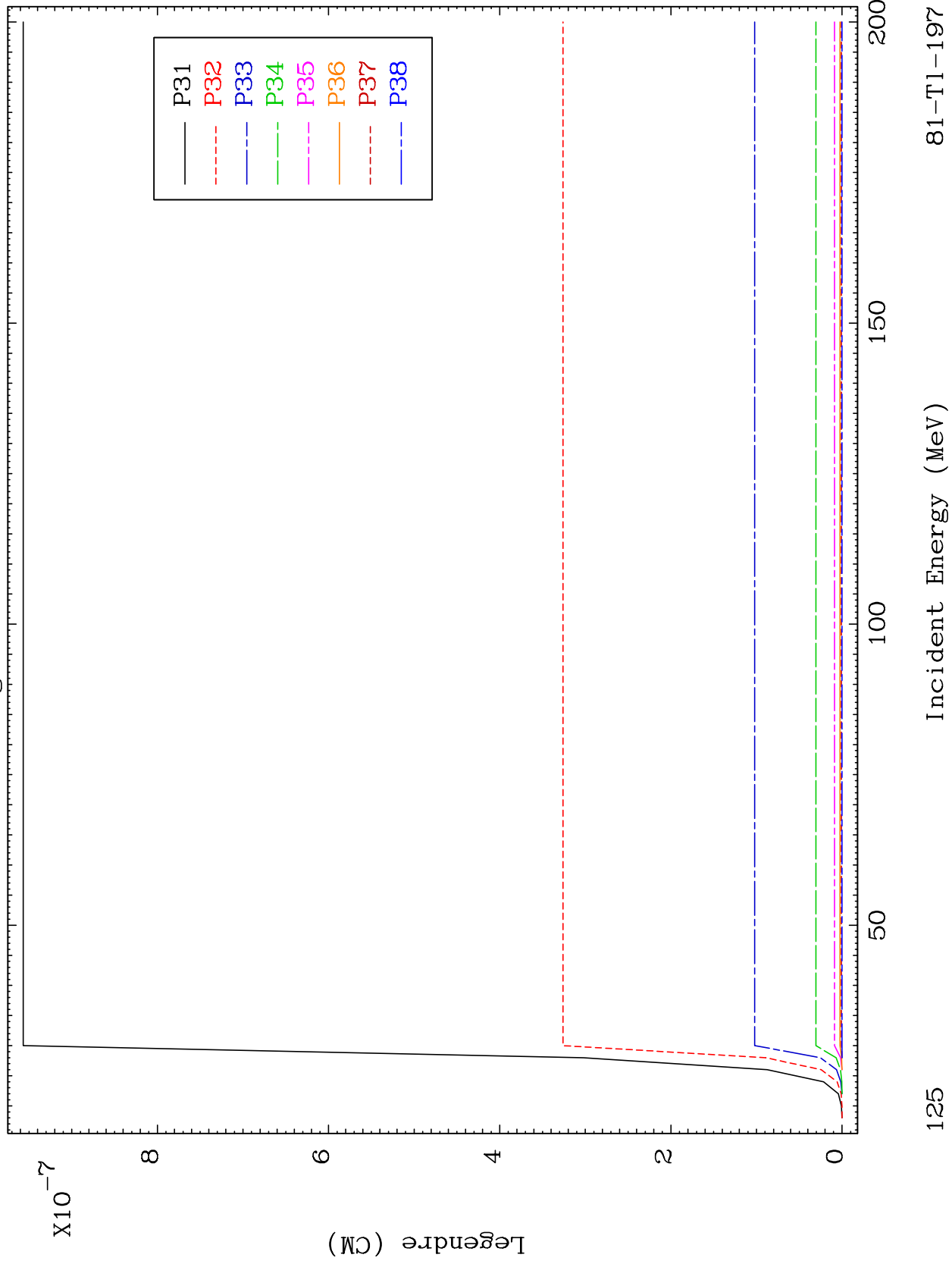
81-Tl-197



MAT 8107

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

81-T1-197



125

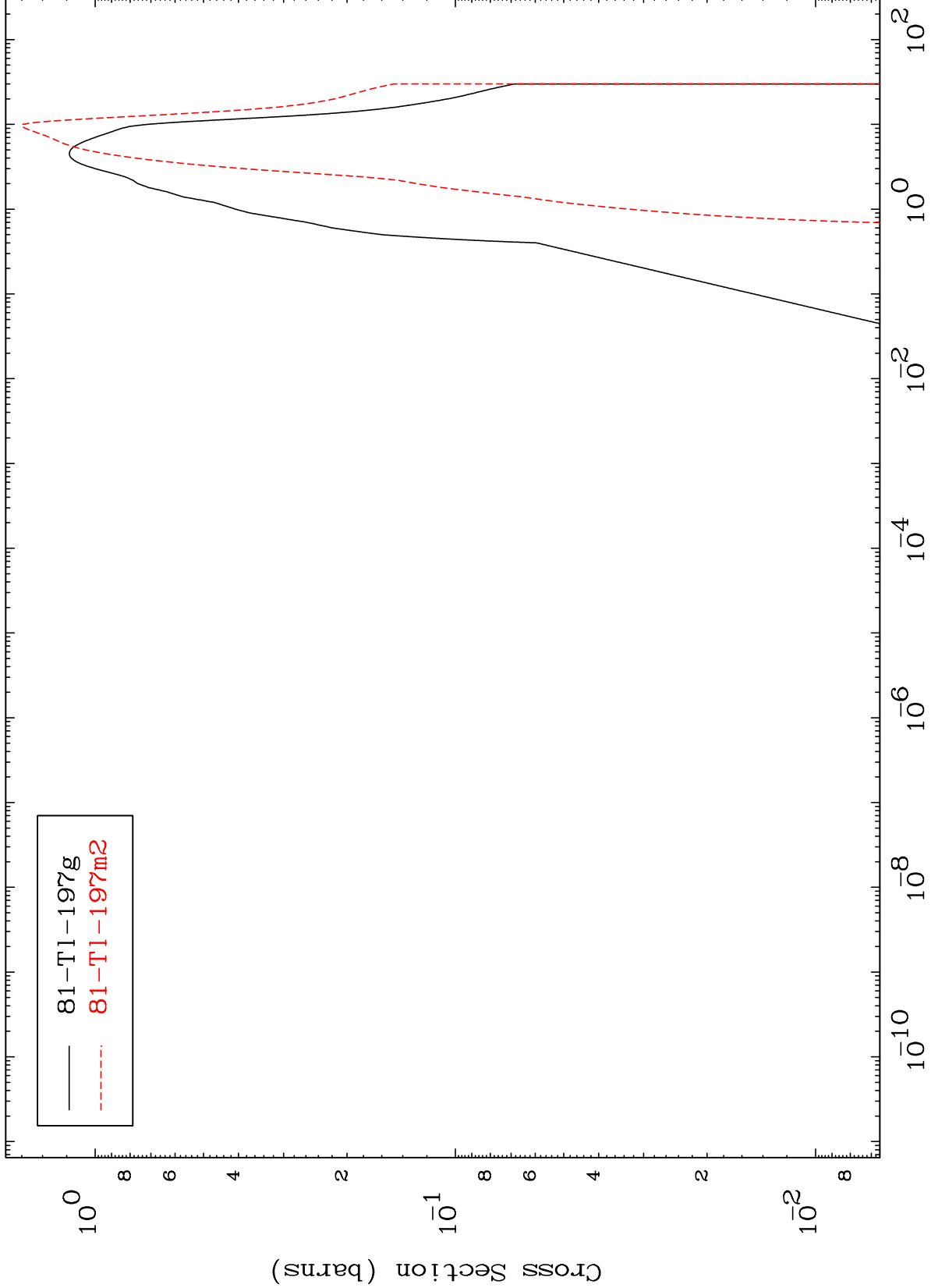
Incident Energy (MeV)

81-T1-197

MAT 8107

Inelastic  
Radionuclide Production Cross Section

81-Tl-197



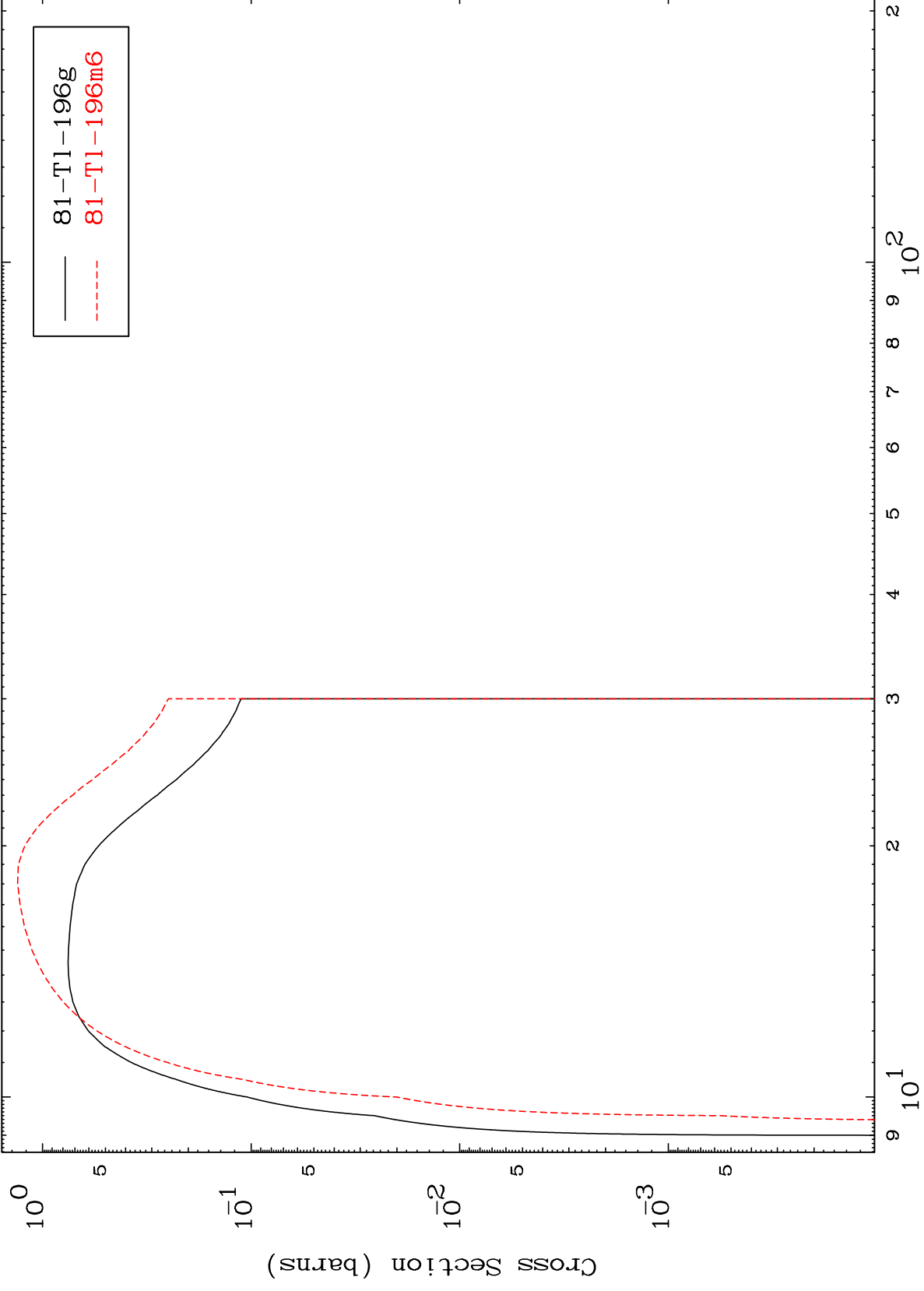
81-Tl-197g  
81-Tl-197m2

81-Tl-197

MAT 8107

81-Tl-197

(n,2n)  
Radionuclide Production Cross Section



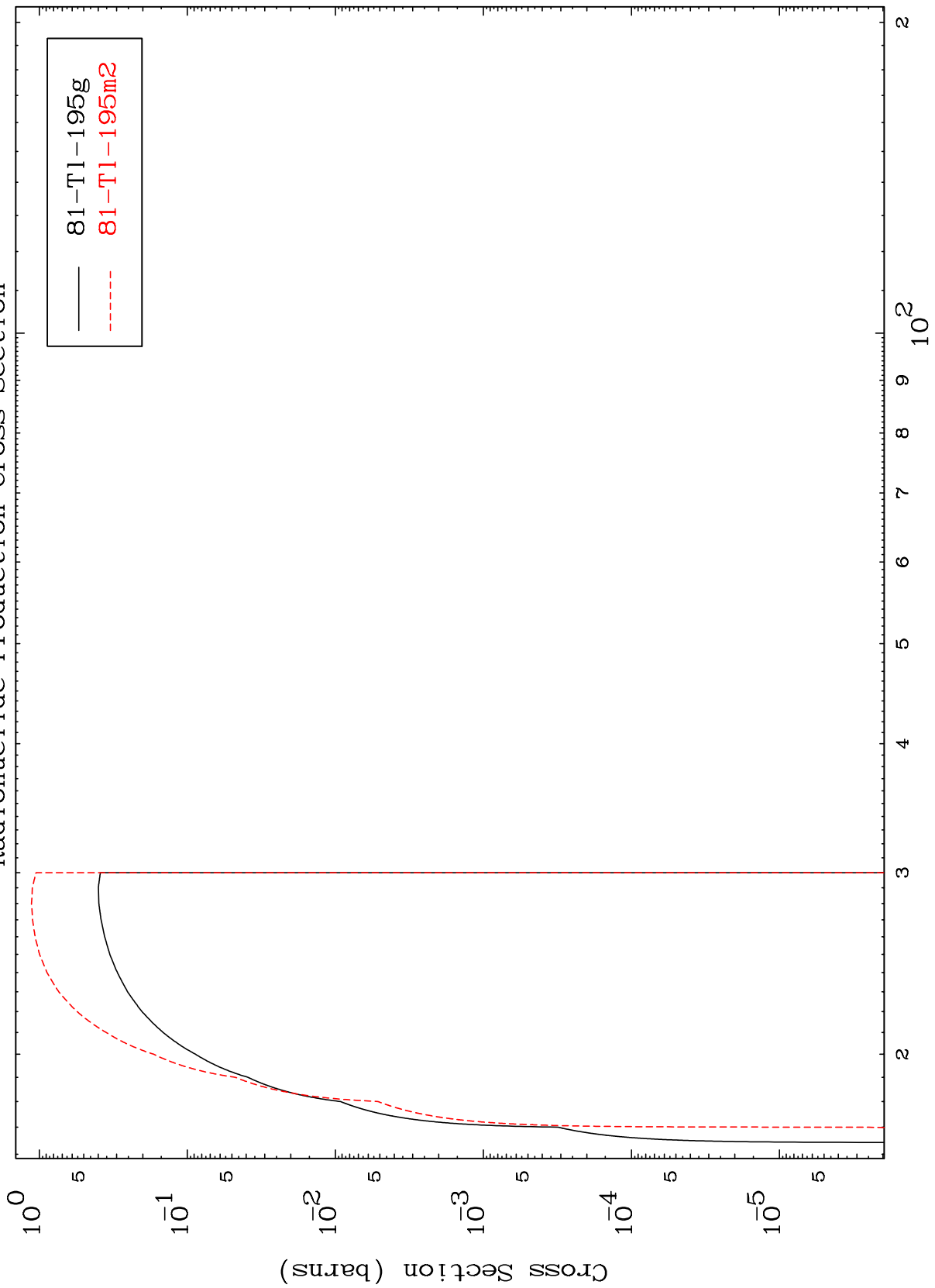
81-Tl-197

Incident Energy (MeV)

127



(n,3n)  
Radionuclide Production Cross Section

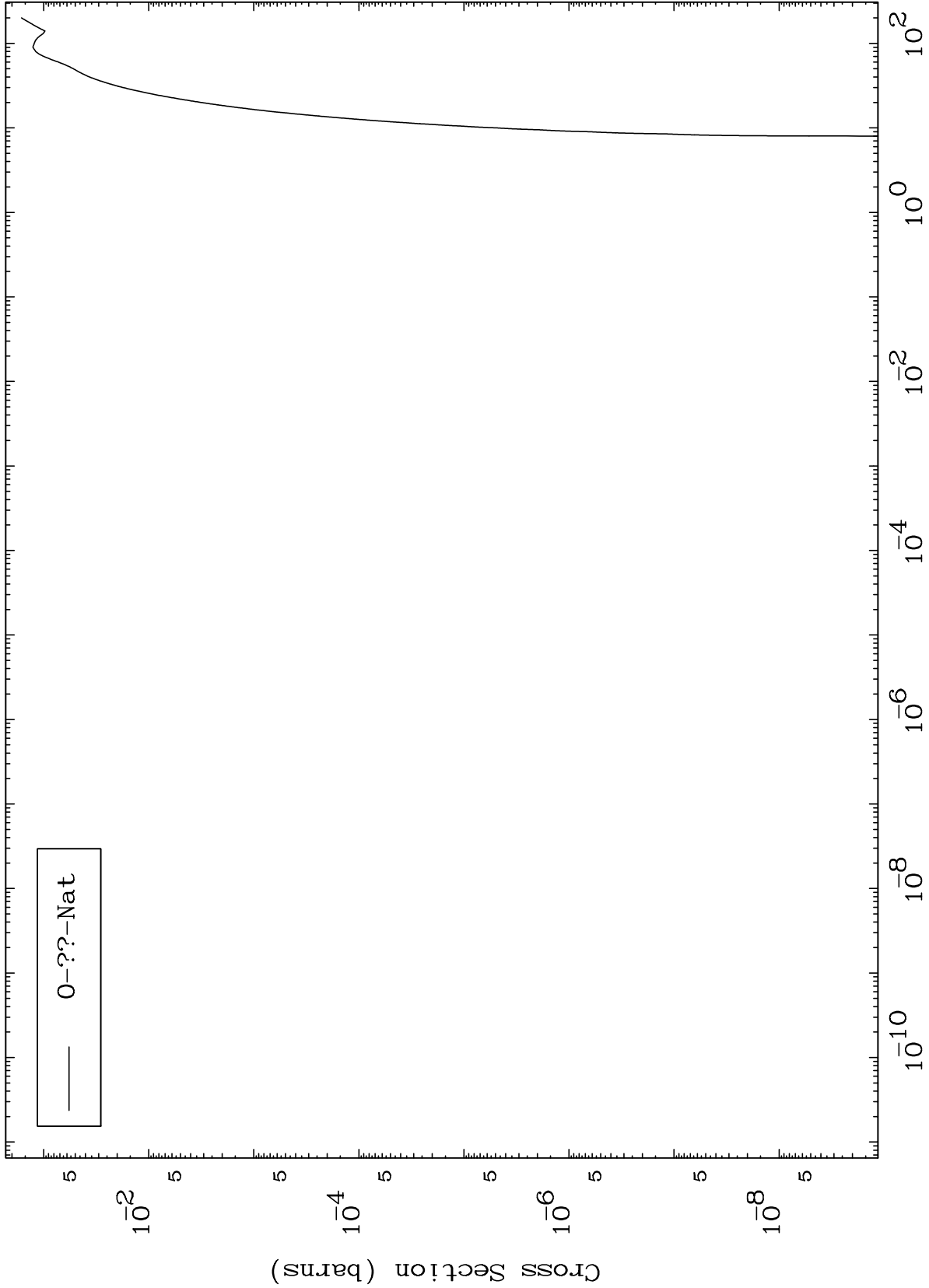


MAT 8107

Fission

81-Tl-197

Radionuclide Production Cross Section



129

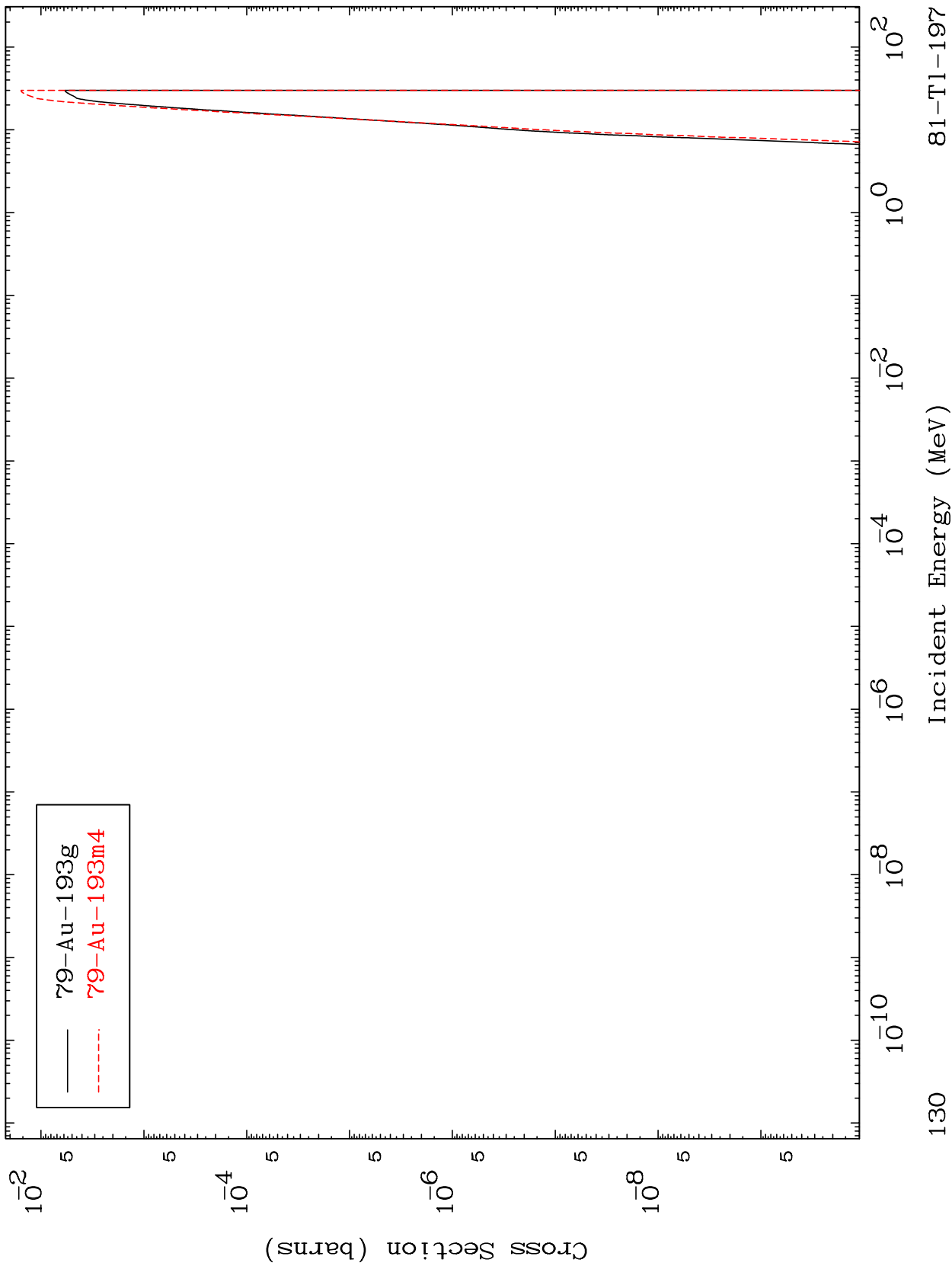
81-Tl-197

MAT 8107

$(n, n') \alpha$

81-Tl-197

Radionuclide Production Cross Section



79-Au-193g  
79-Au-193m4

130

Incident Energy (MeV)

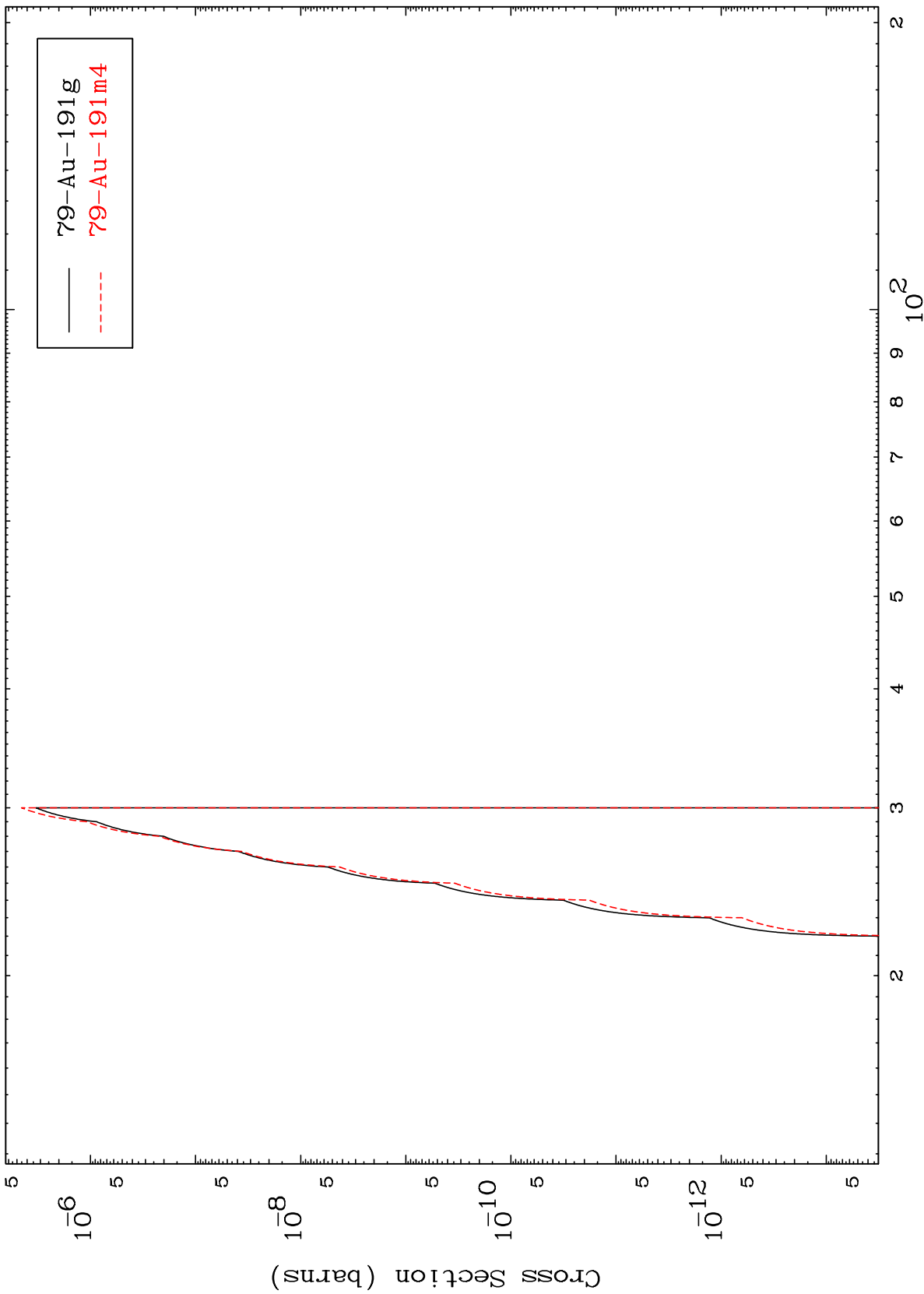
81-Tl-197

MAT 8107

(n,3n)  $\alpha$

81-Tl-197

Radionuclide Production Cross Section

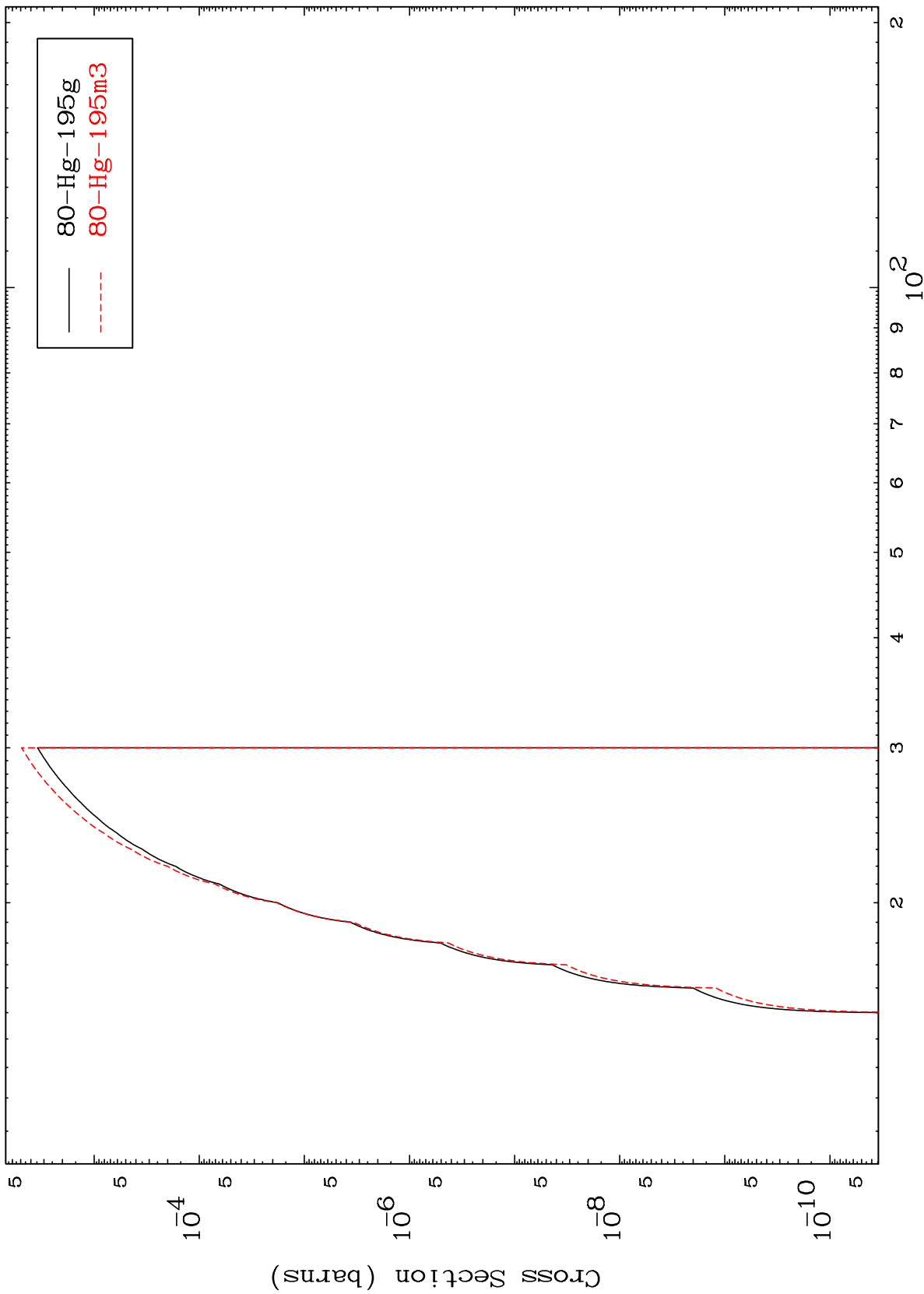


131

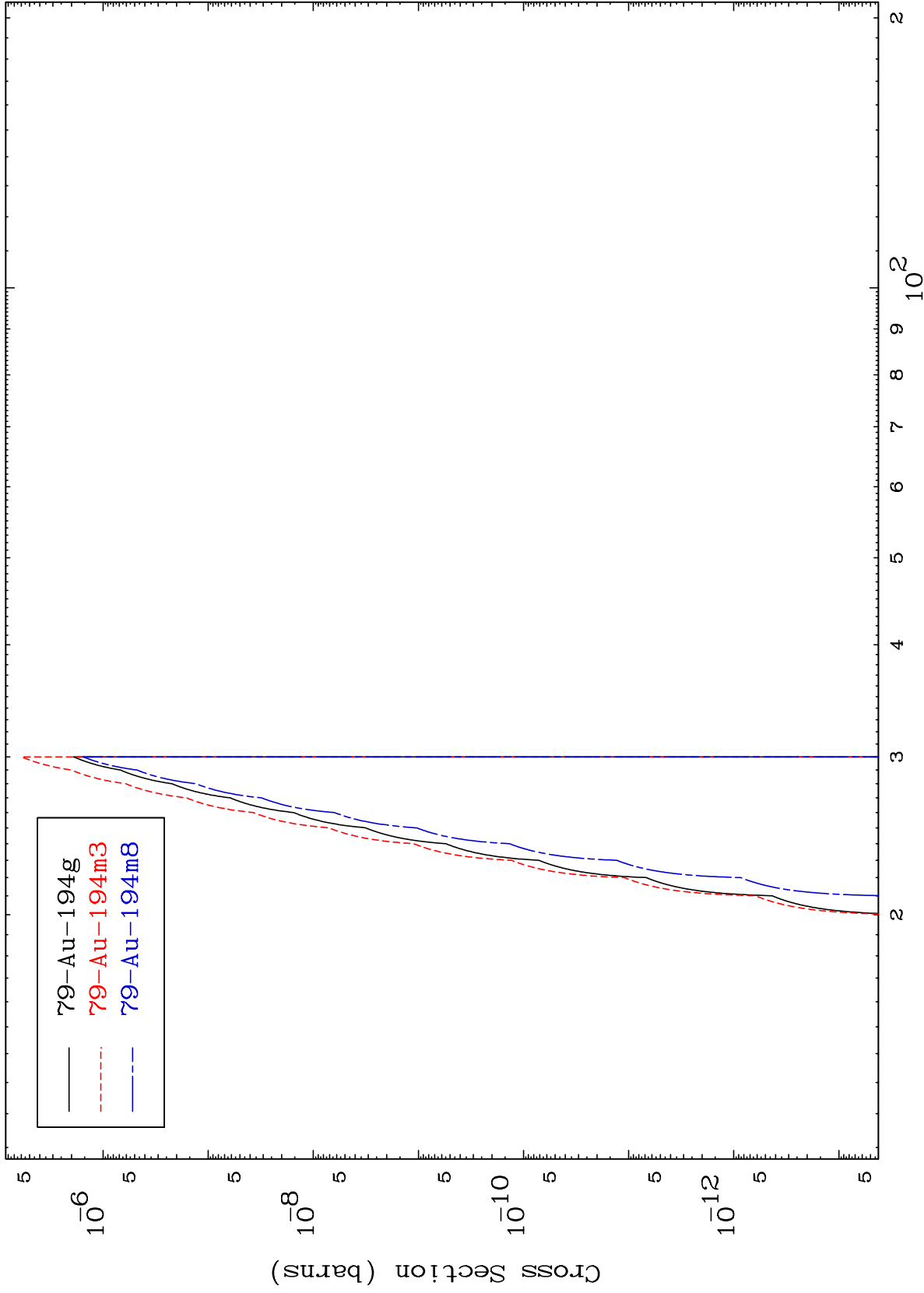
Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section



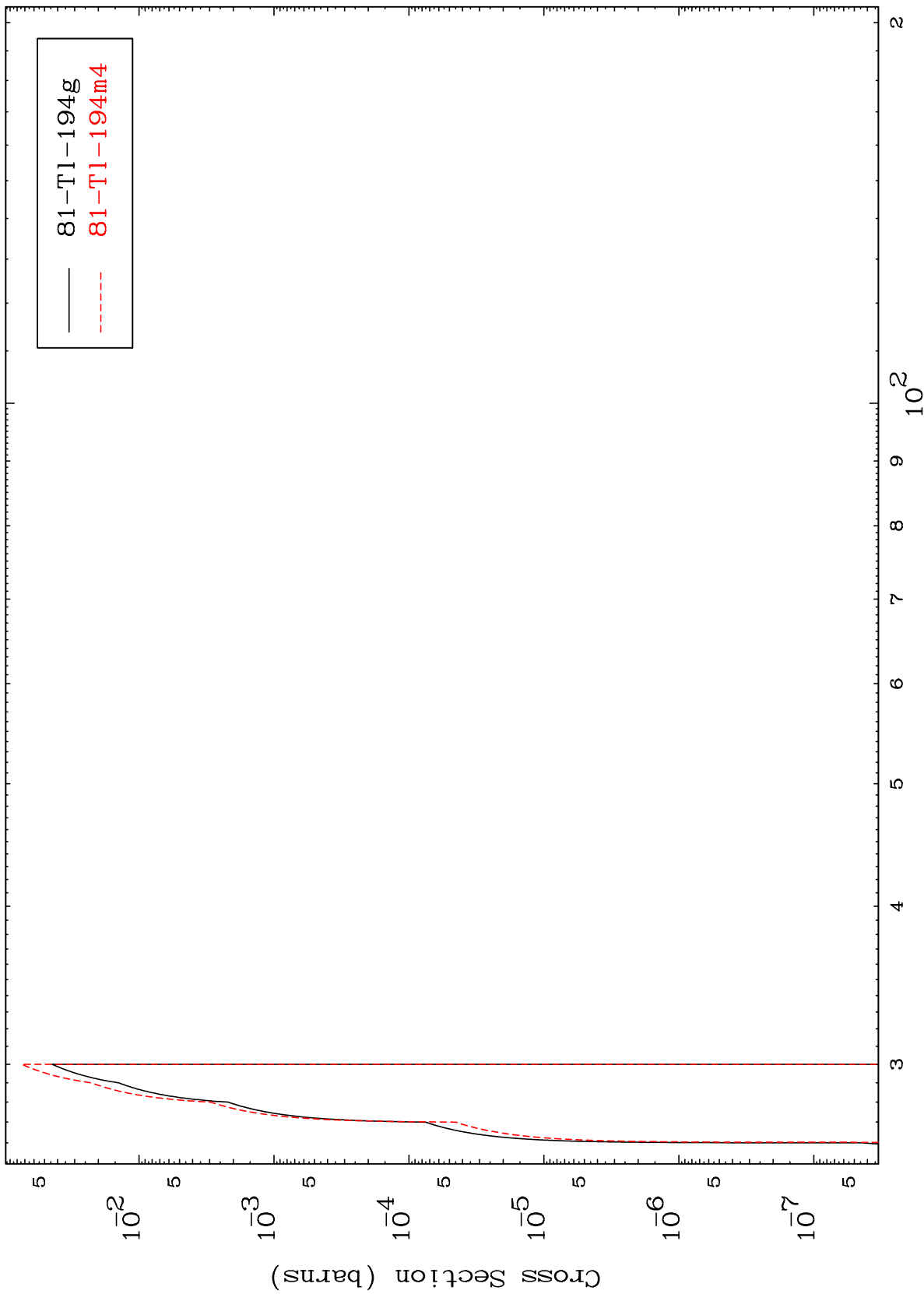
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n,4n)  
Radionuclide Production Cross Section



134

81-Tl-197

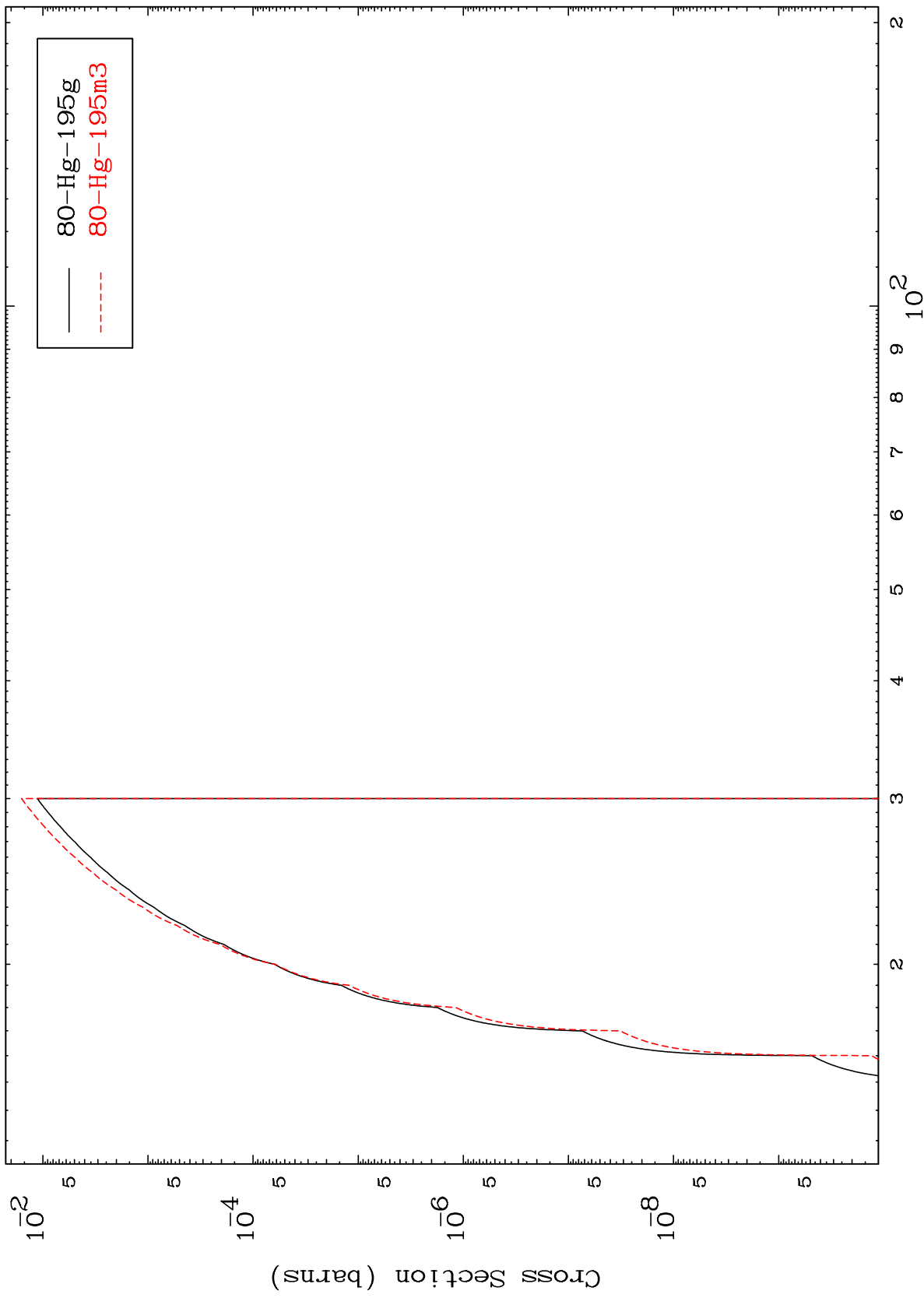
Incident Energy (MeV)

MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



135

Incident Energy (MeV)

81-Tl-197

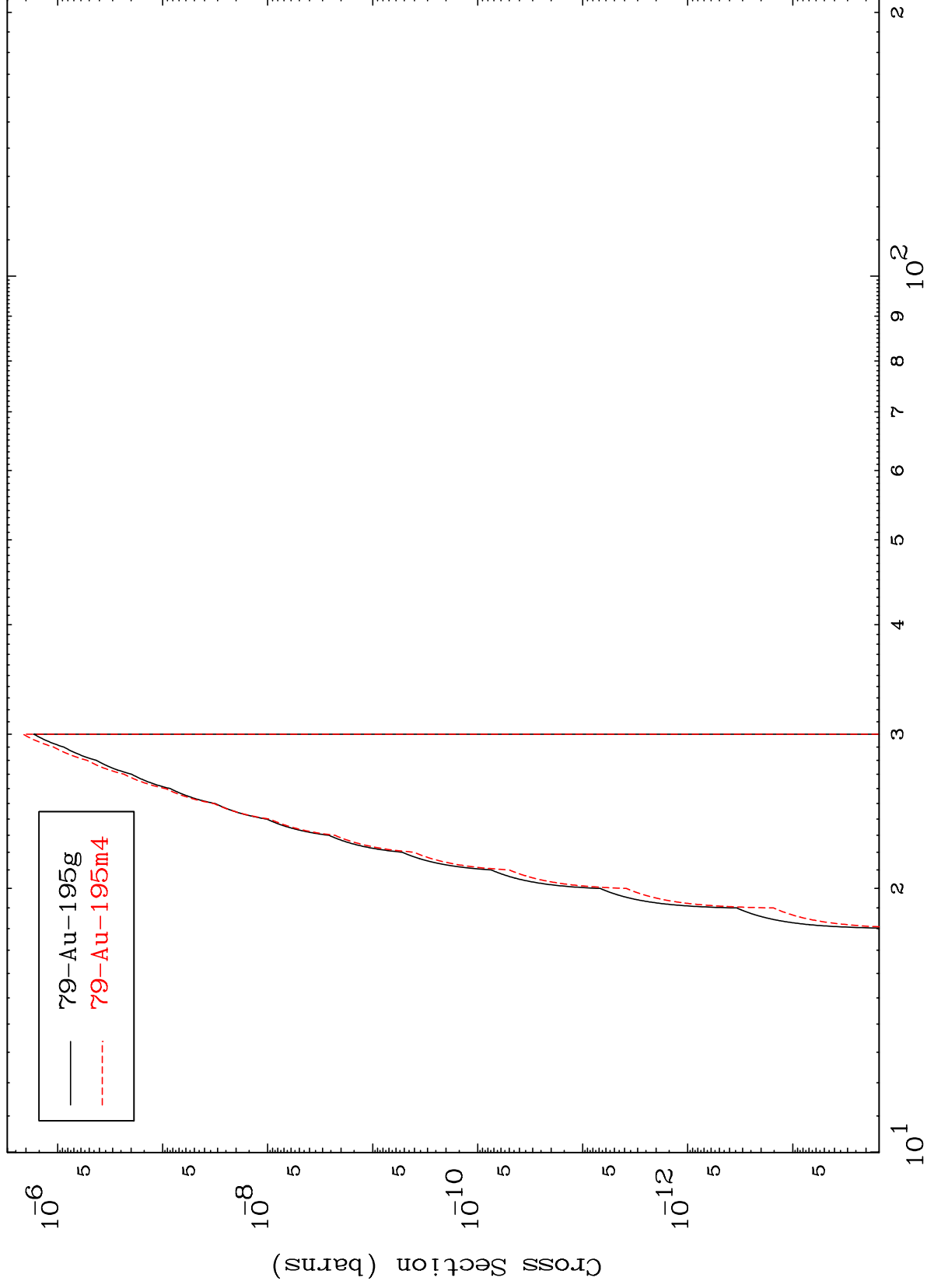


MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



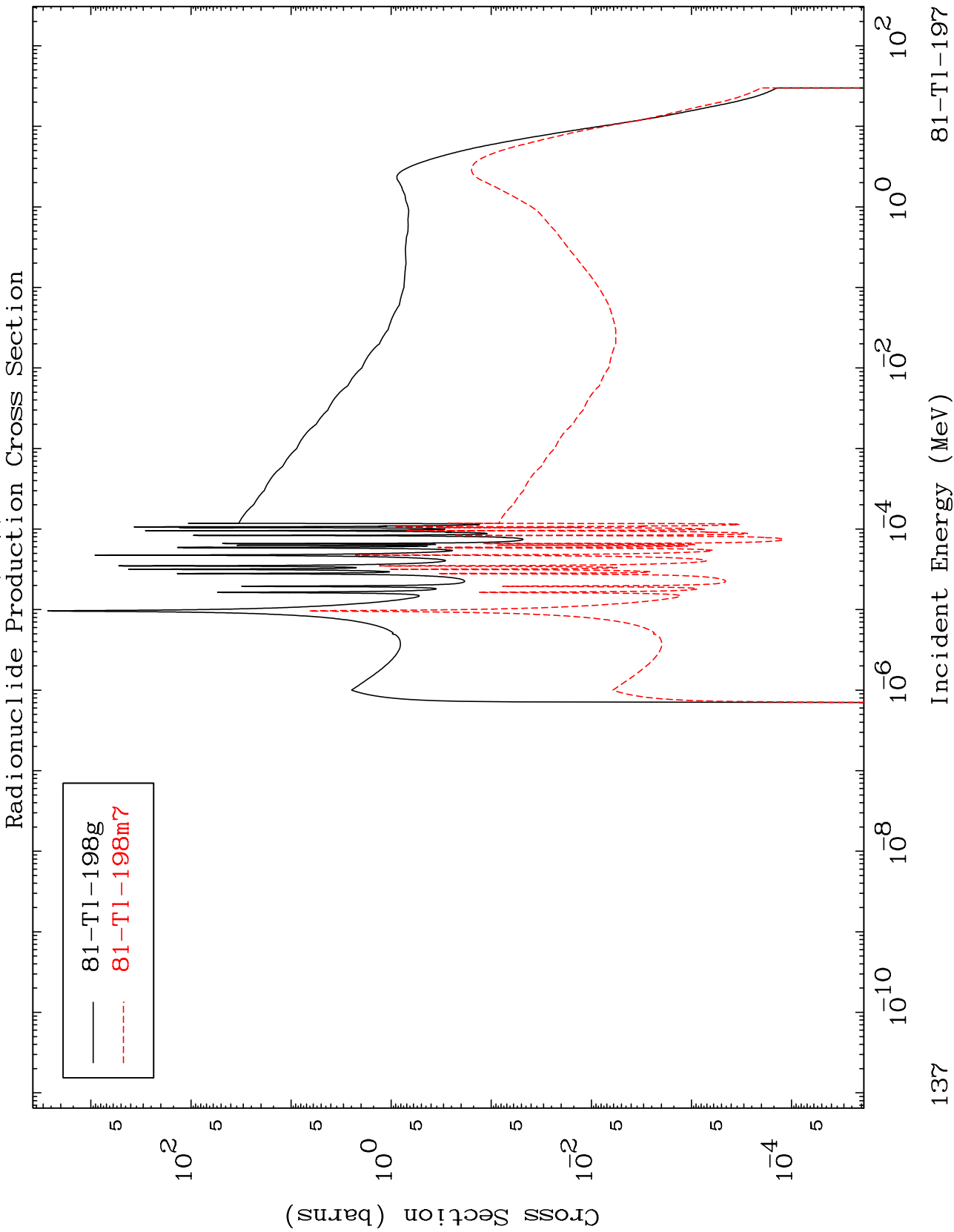
136

Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

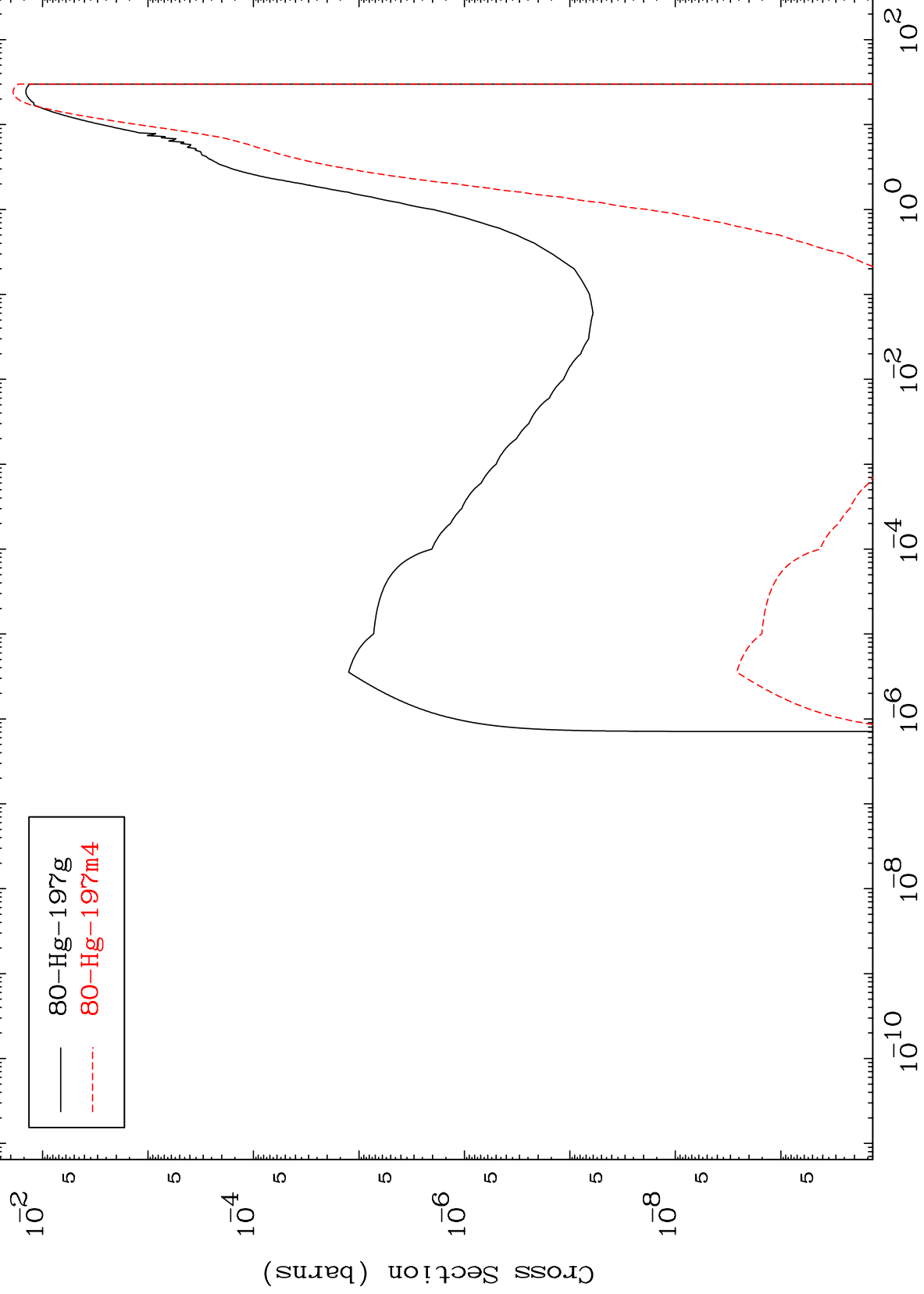


MAT 8107

(n,p)

81-Tl-197

Radionuclide Production Cross Section



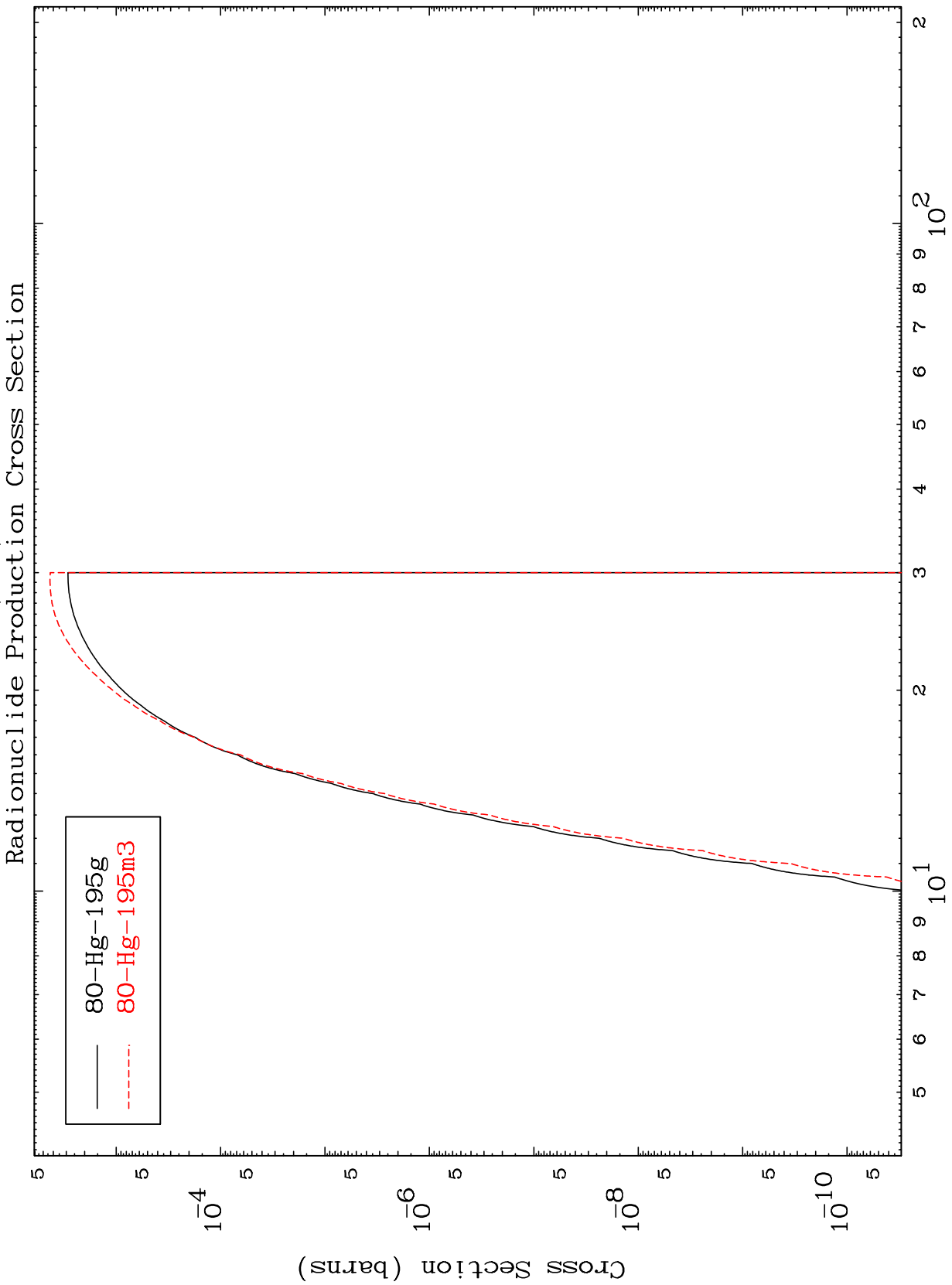
138

Incident Energy (MeV)

81-Tl-197

MAT 8107

81-T1-197



139

Incident Energy (MeV)

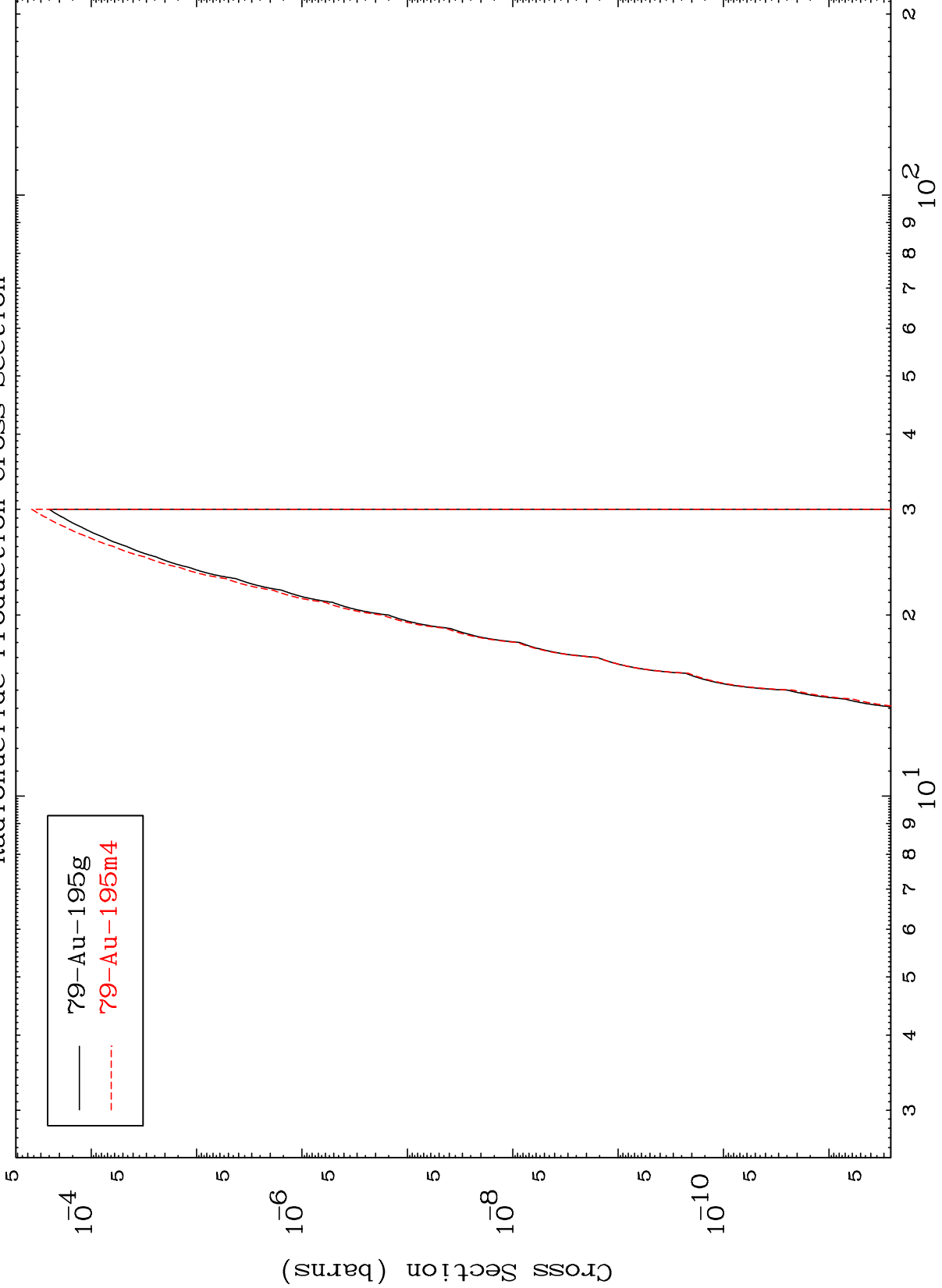
81-T1-197

MAT 8107

(n,He-3)

81-Tl-197

Radionuclide Production Cross Section



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

140

Incident Energy (MeV)

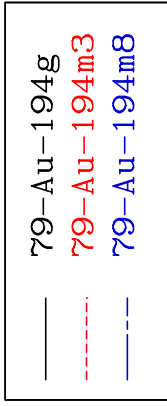
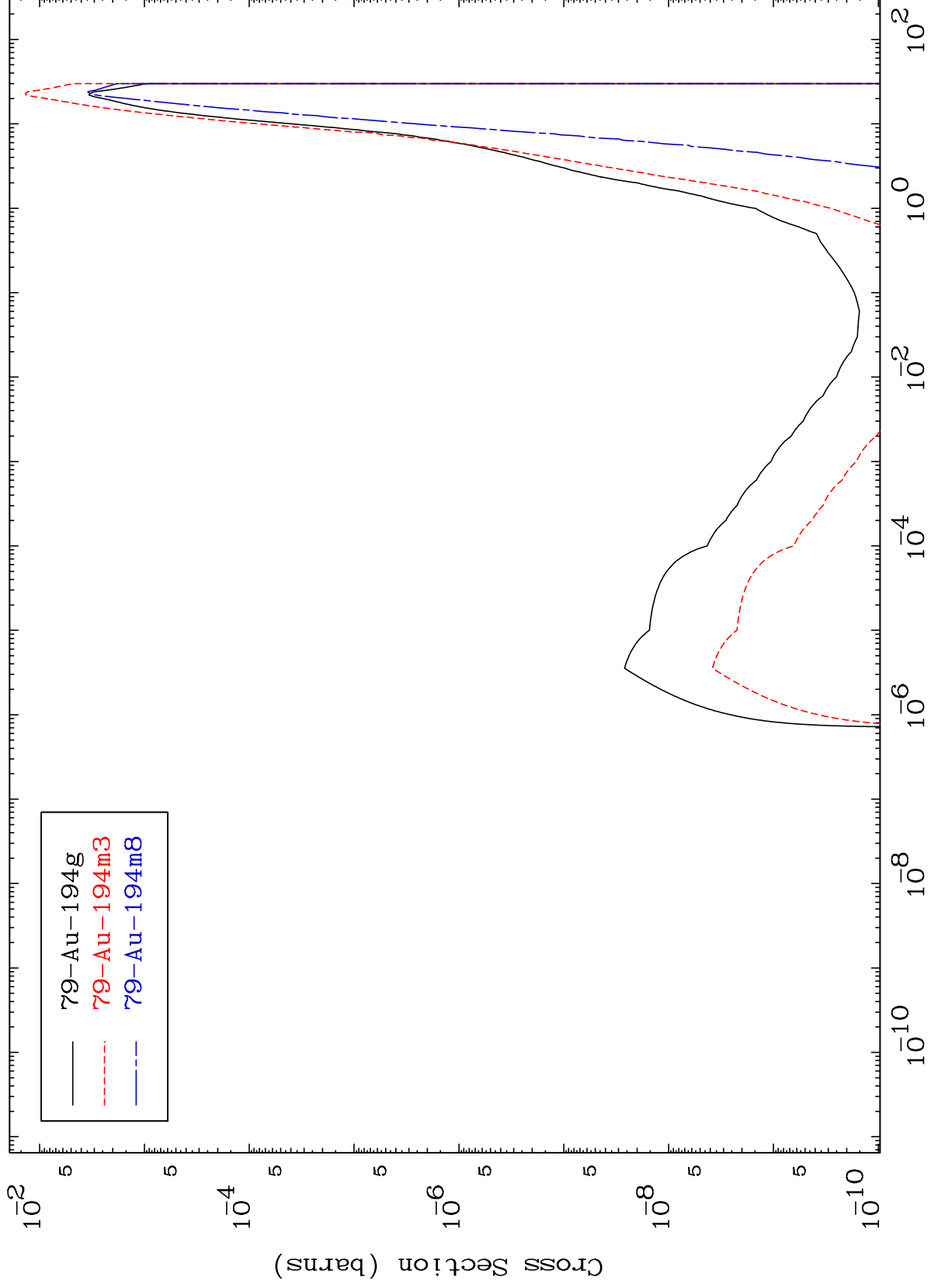
81-Tl-197

MAT 8107

(n,  $\alpha$ )

81-Tl-197

Radionuclide Production Cross Section



141

Incident Energy (MeV)

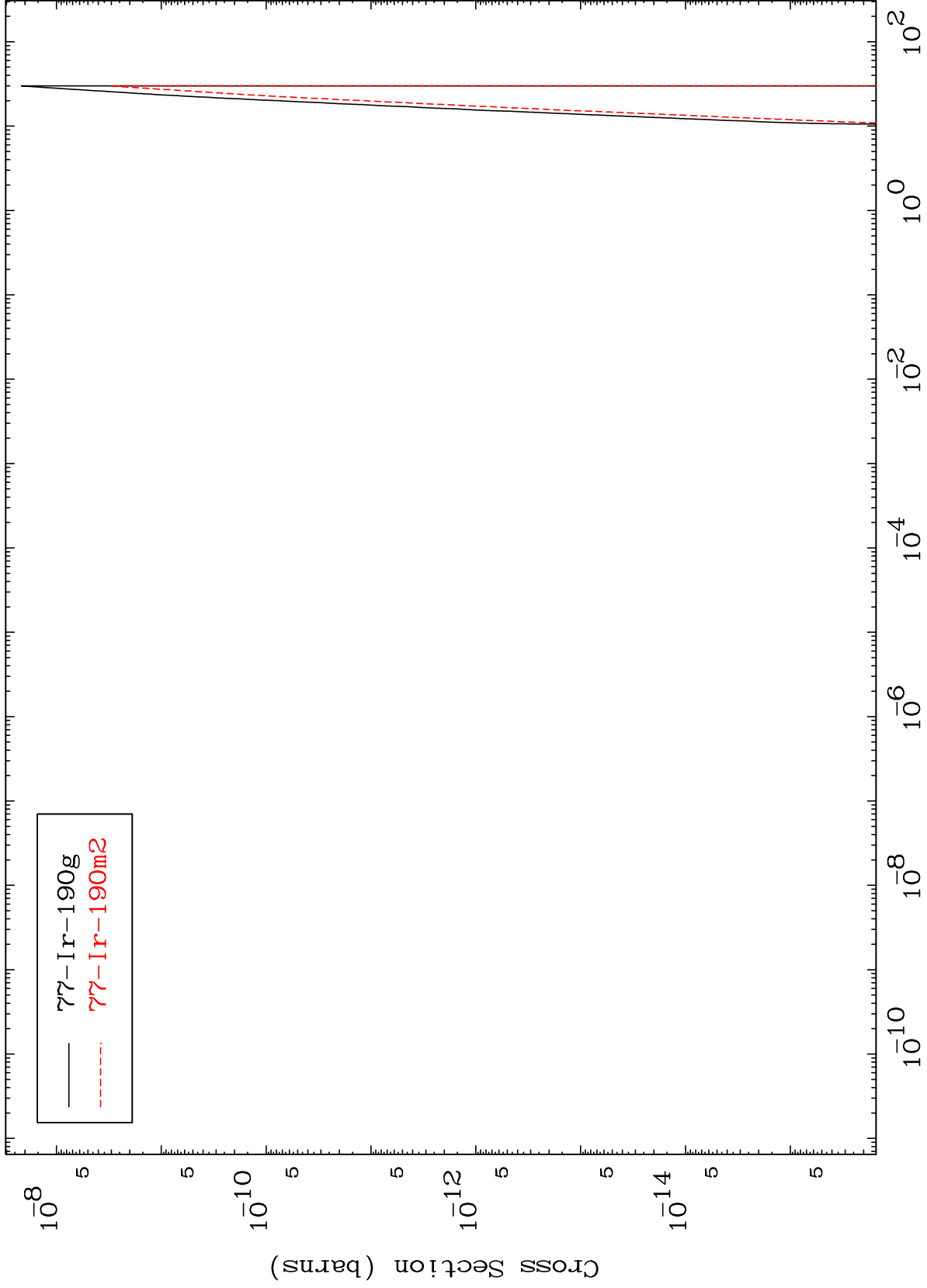
81-Tl-197

MAT 8107

(n,2α)

81-Tl-197

Radionuclide Production Cross Section



— <sup>77</sup>Ir-190g  
- - - <sup>77</sup>Ir-190m2

Incident Energy (MeV)

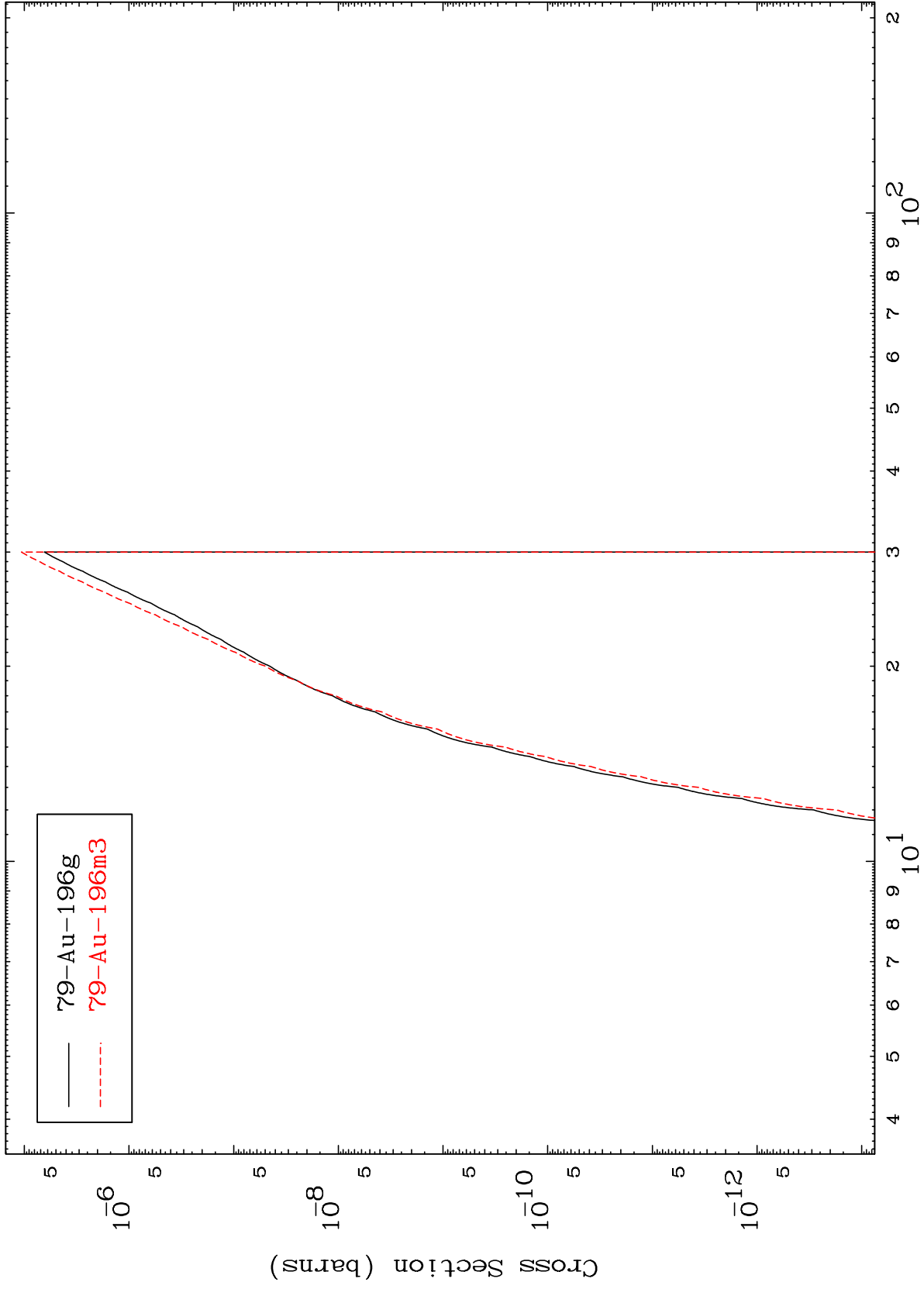
81-Tl-197

142

MAT 8107

81-Tl-197

(n,2p)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

81-Tl-197

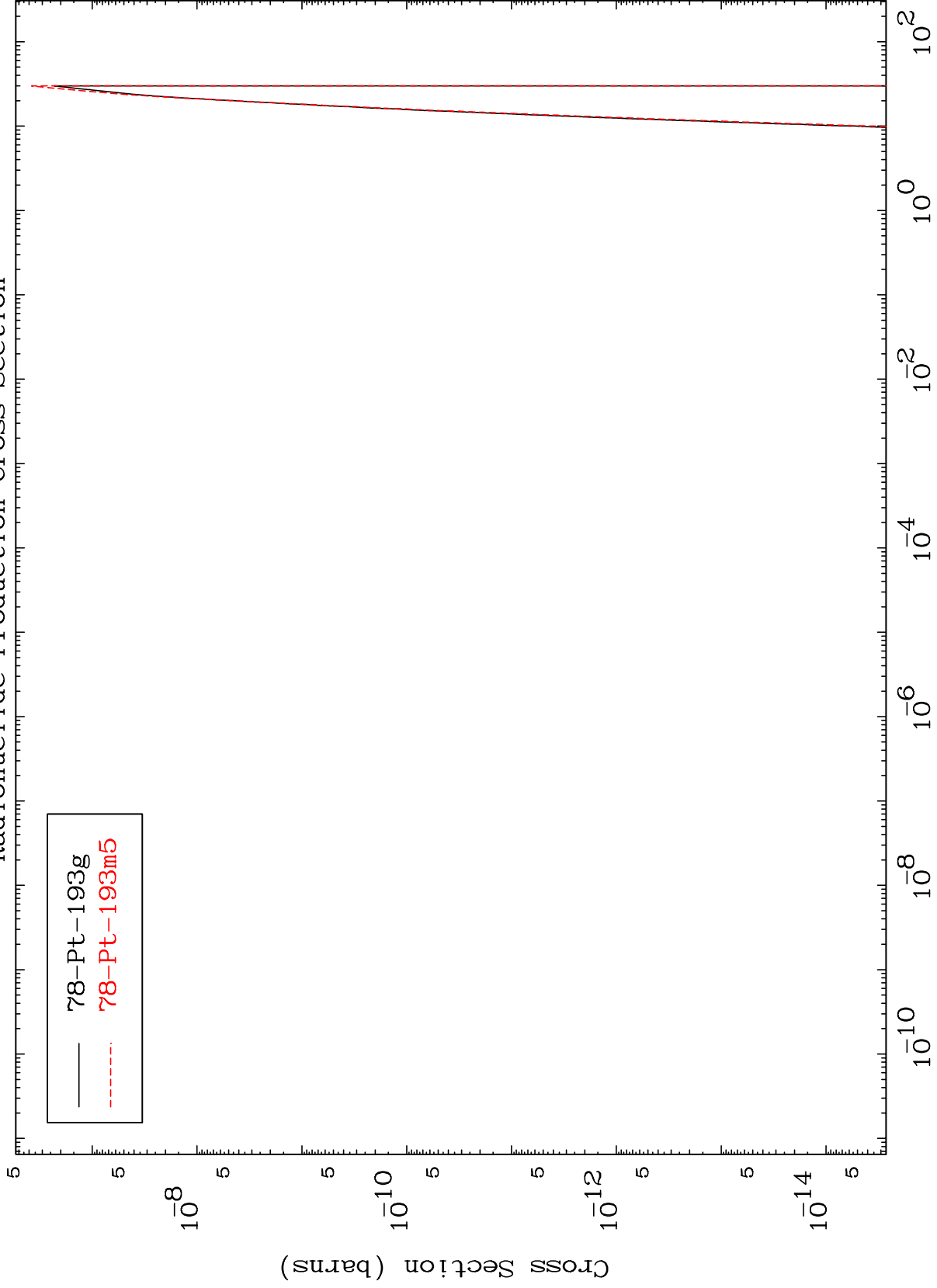


MAT 8107

(n,p)  $\alpha$

81-Tl-197

Radionuclide Production Cross Section

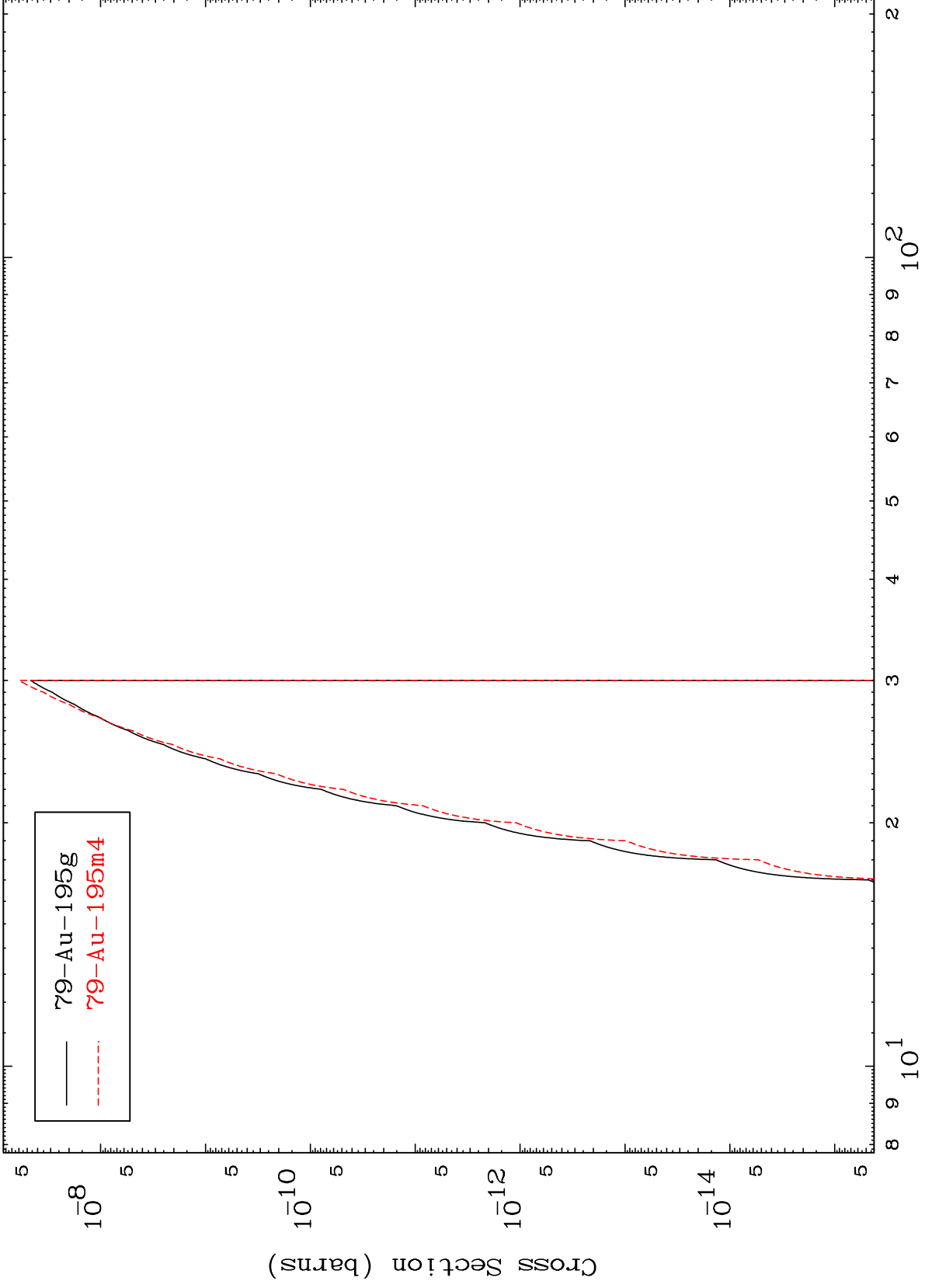


MAT 8107

(n,p) d

81-Tl-197

Radionuclide Production Cross Section



145

Incident Energy (MeV)

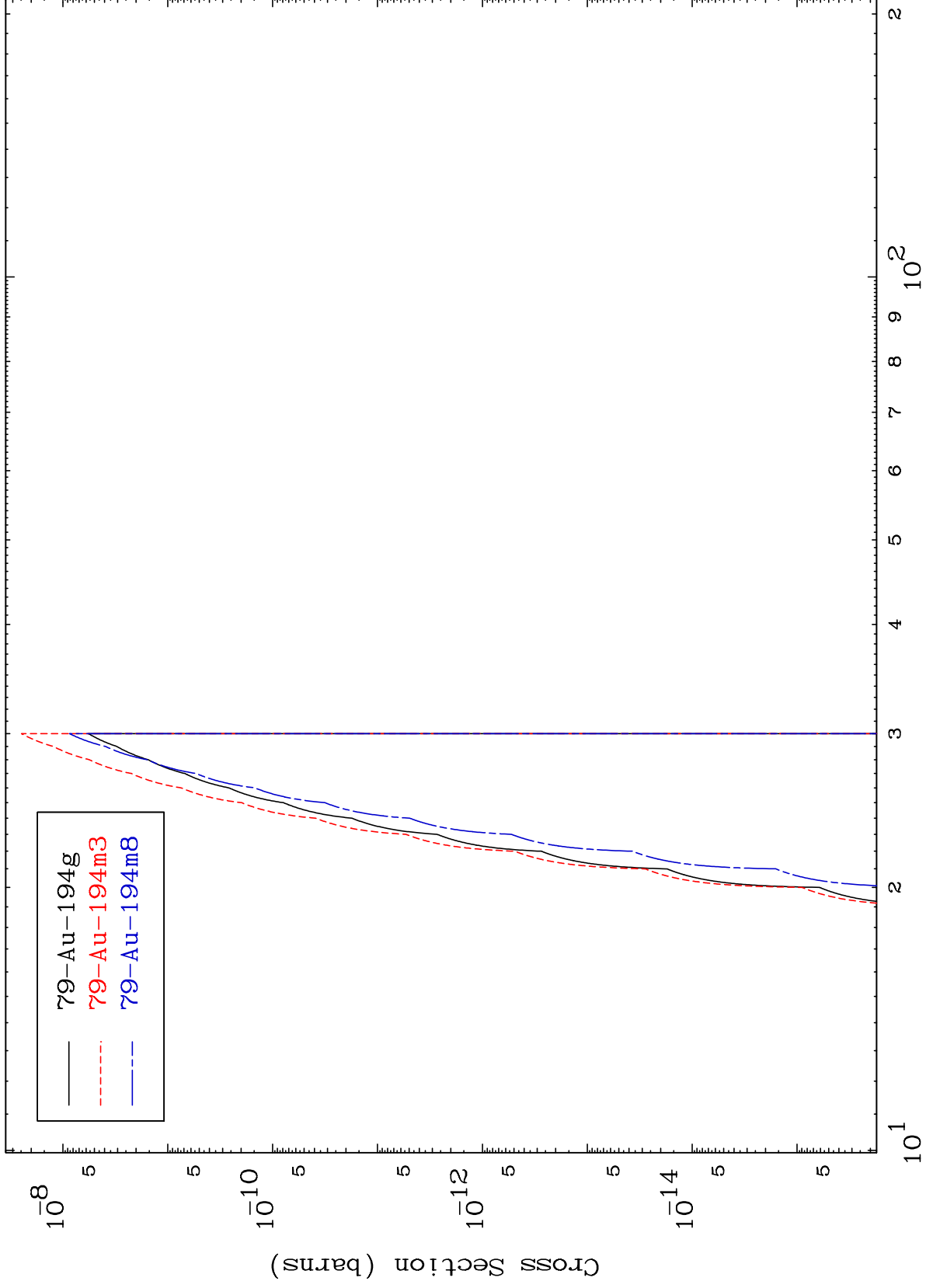
81-Tl-197

MAT 8107

(n,p) t

81-Tl-197

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-197

146