

Program EVALPLOT  
(Version 2021-1)

by

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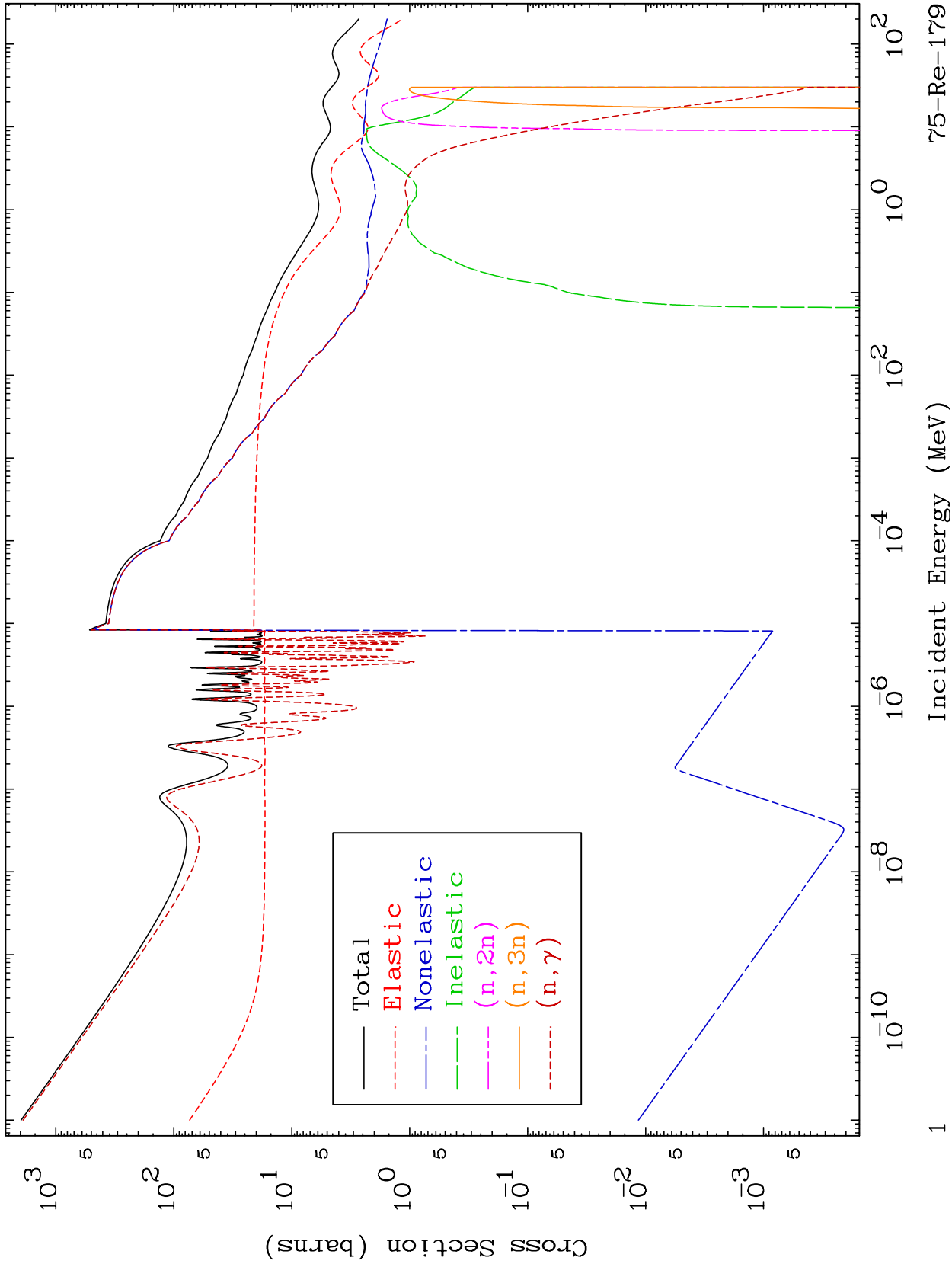
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Press Mouse Button to Start

MAT 7507

Neutron Major  
293 Kelvin Cross Sections

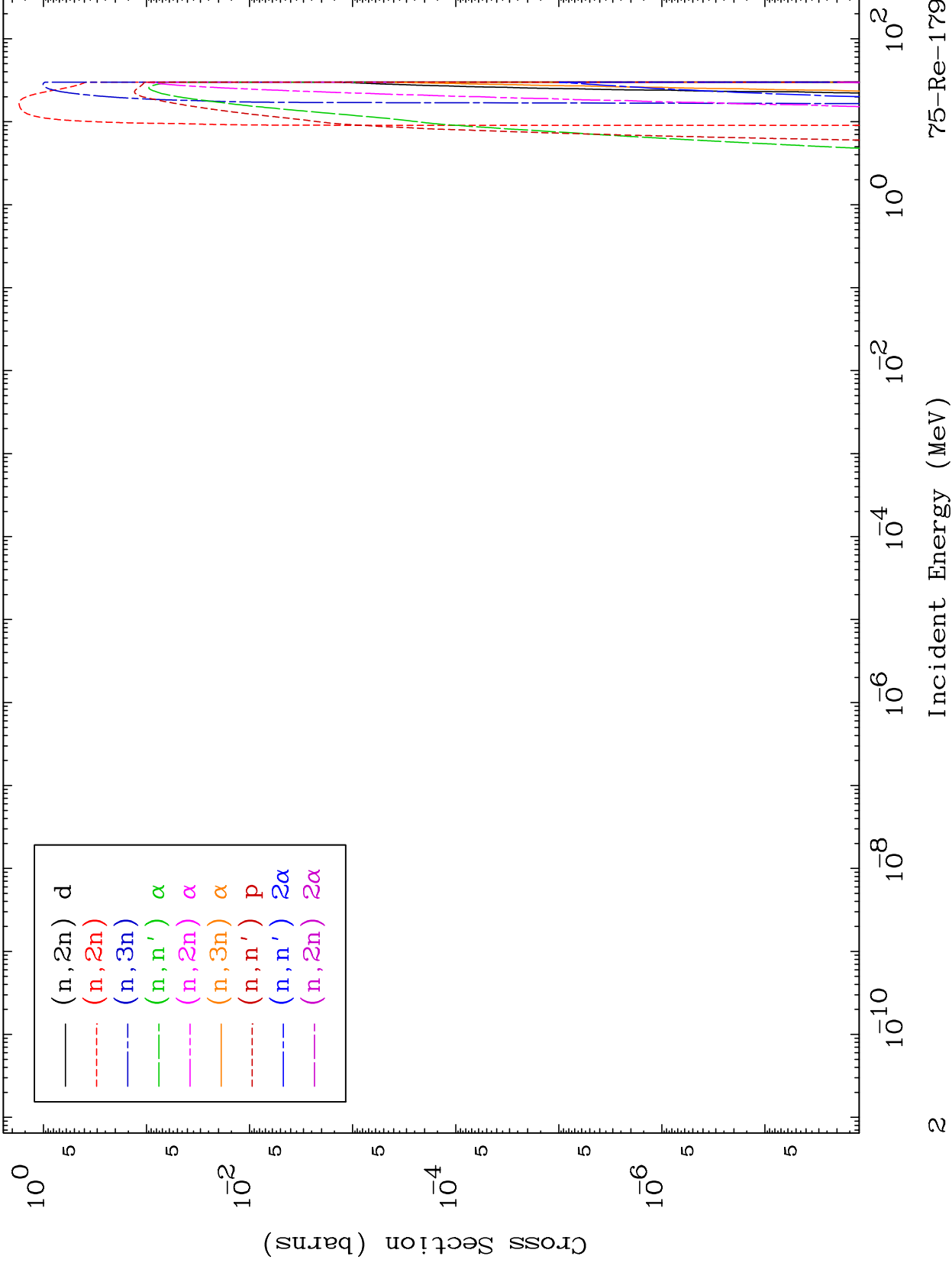
75-Re-179



MAT 7507

Neutron Absorption  
293 Kelvin Cross Sections

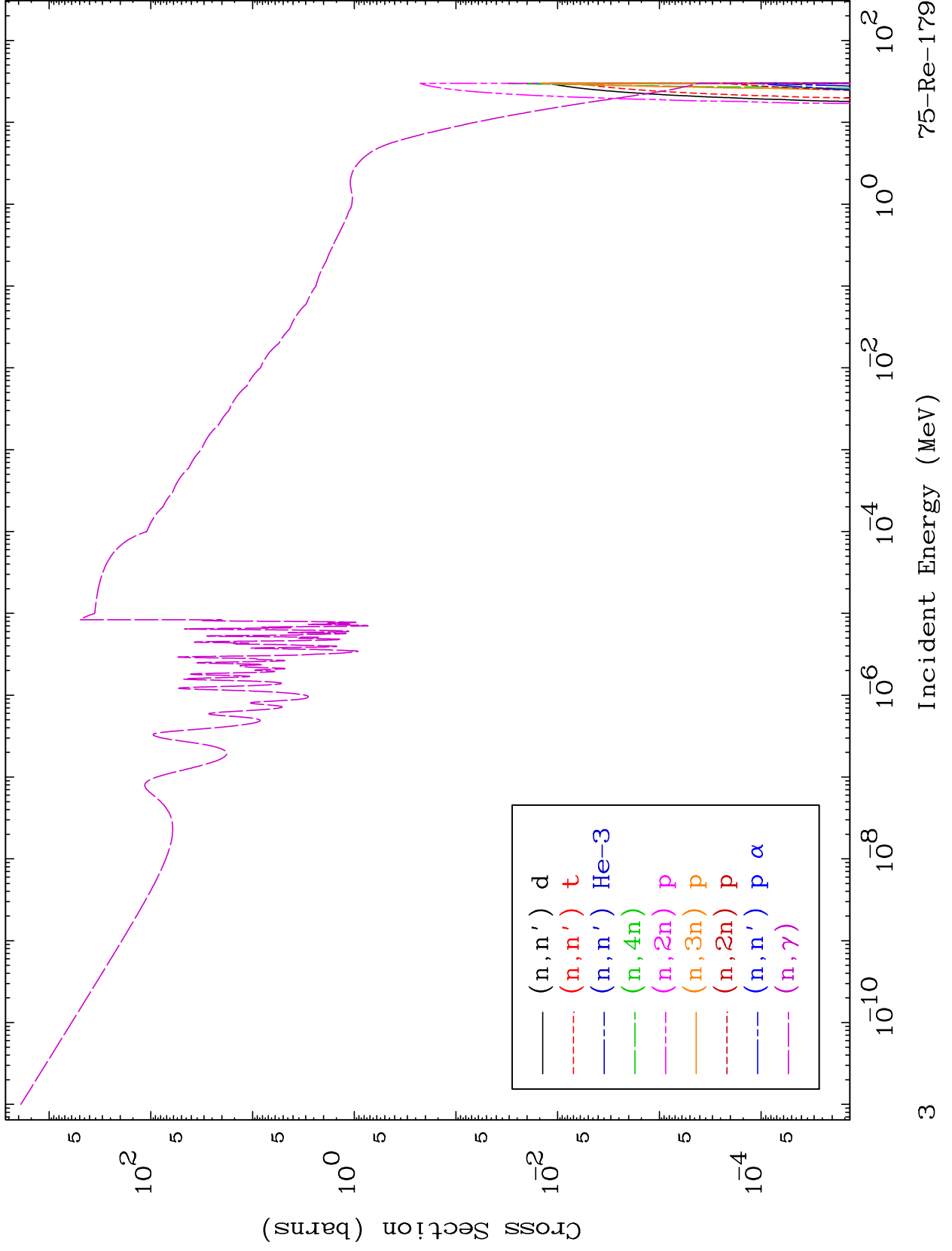
75-Re-179



MAT 7507

Neutron Absorption  
293 Kelvin Cross Sections

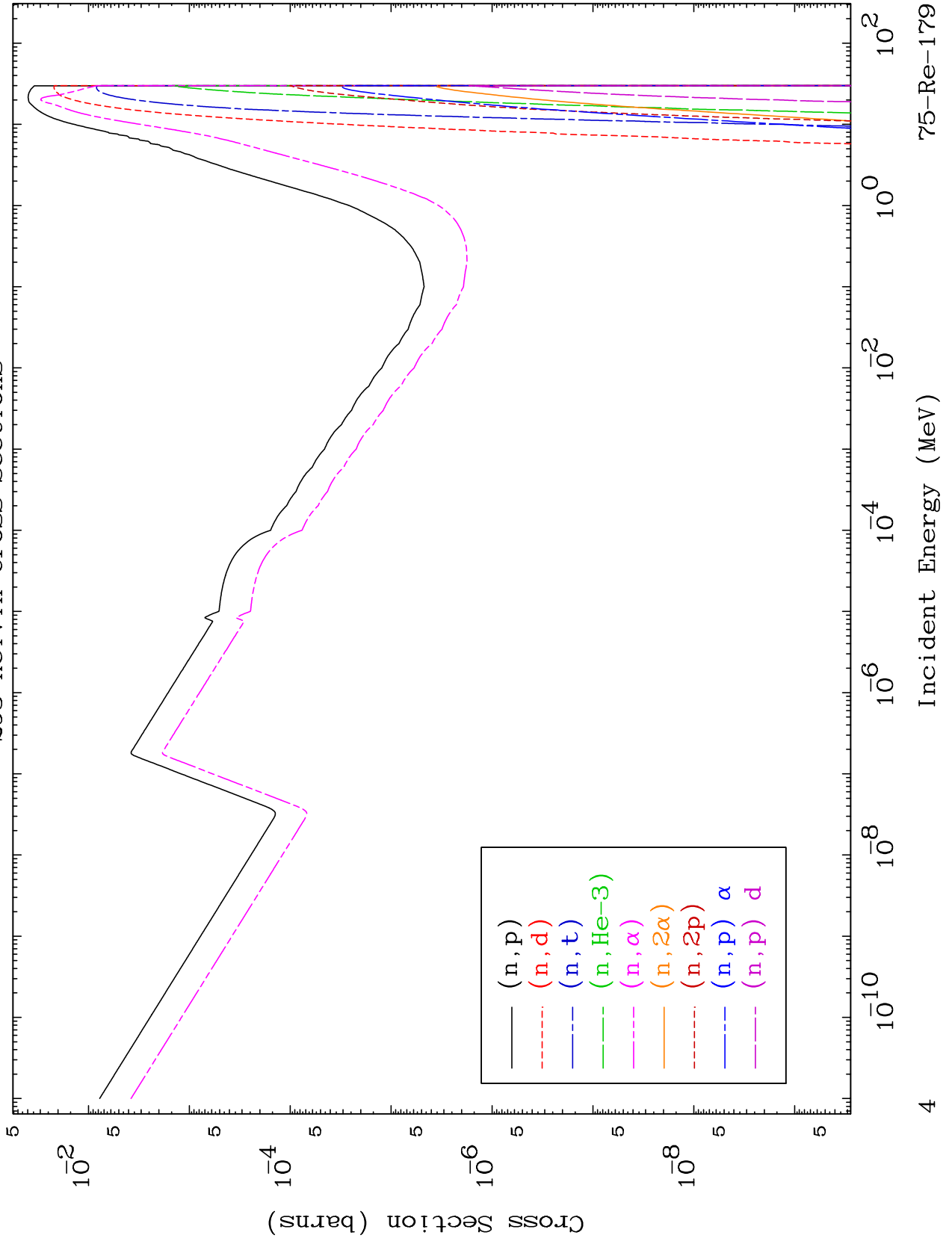
75-Re-179

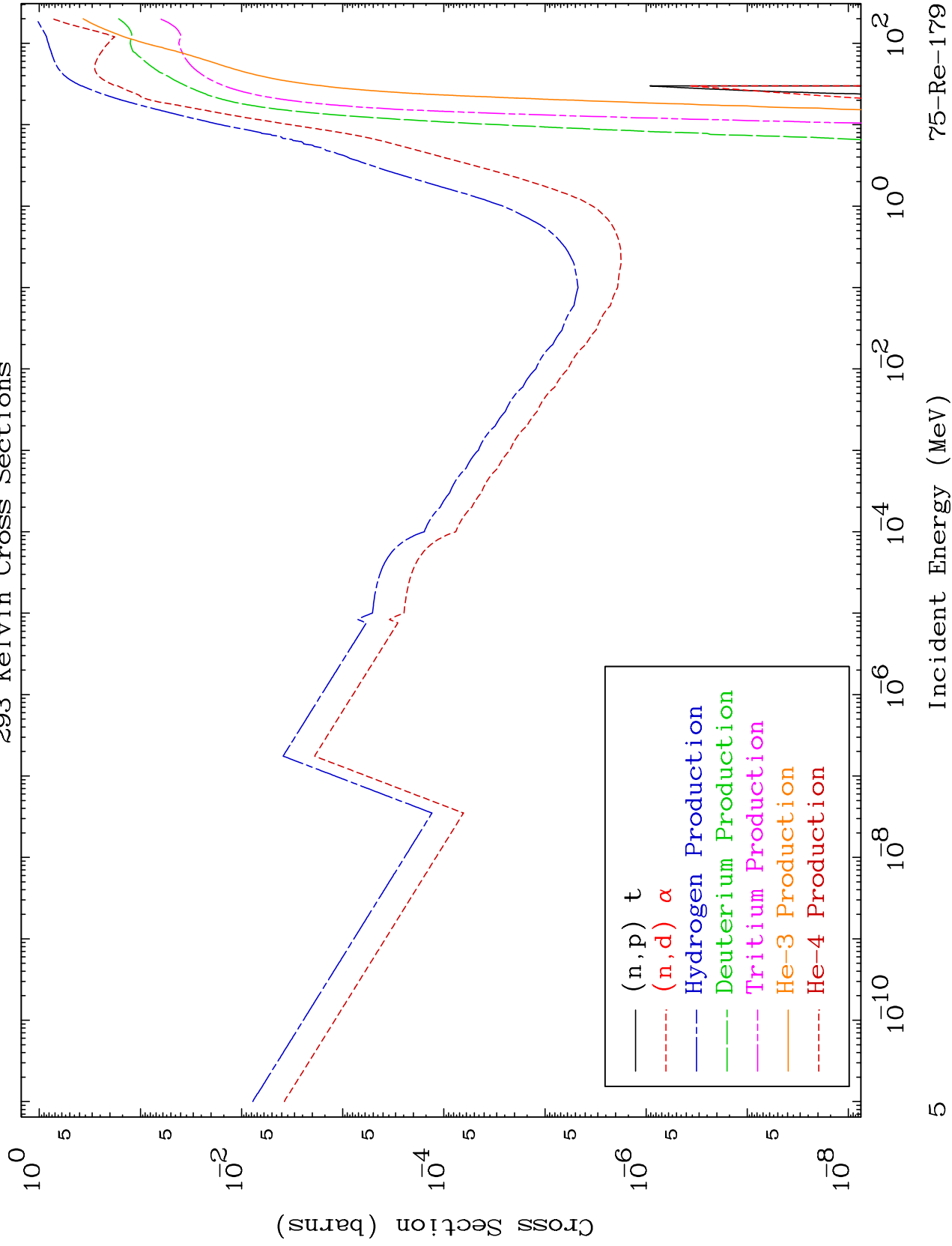


MAT 7507

Neutron Absorption  
293 Kelvin Cross Sections

75-Re-179

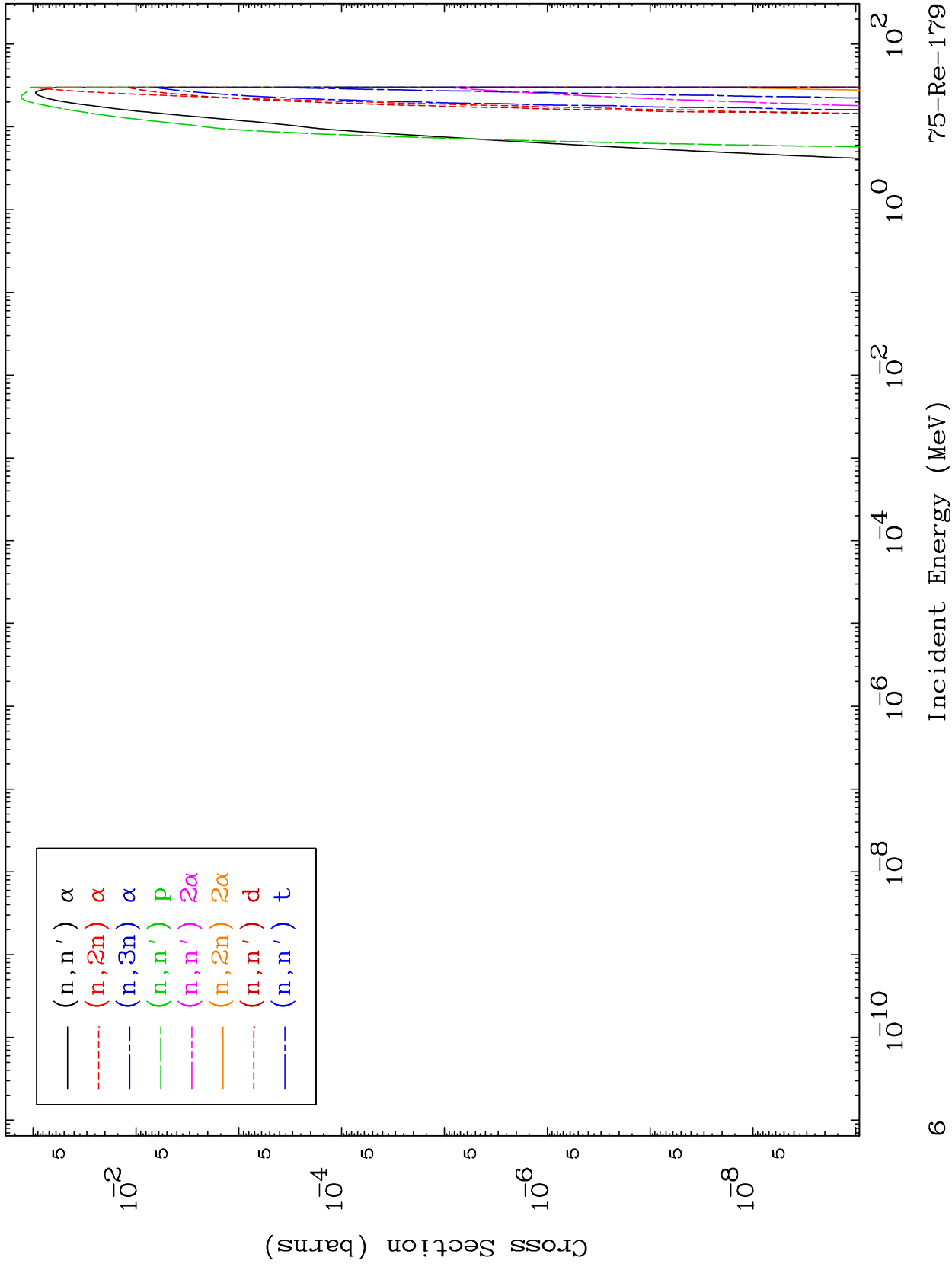




MAT 7507

Charged Particle  
293 Kelvin Cross Sections

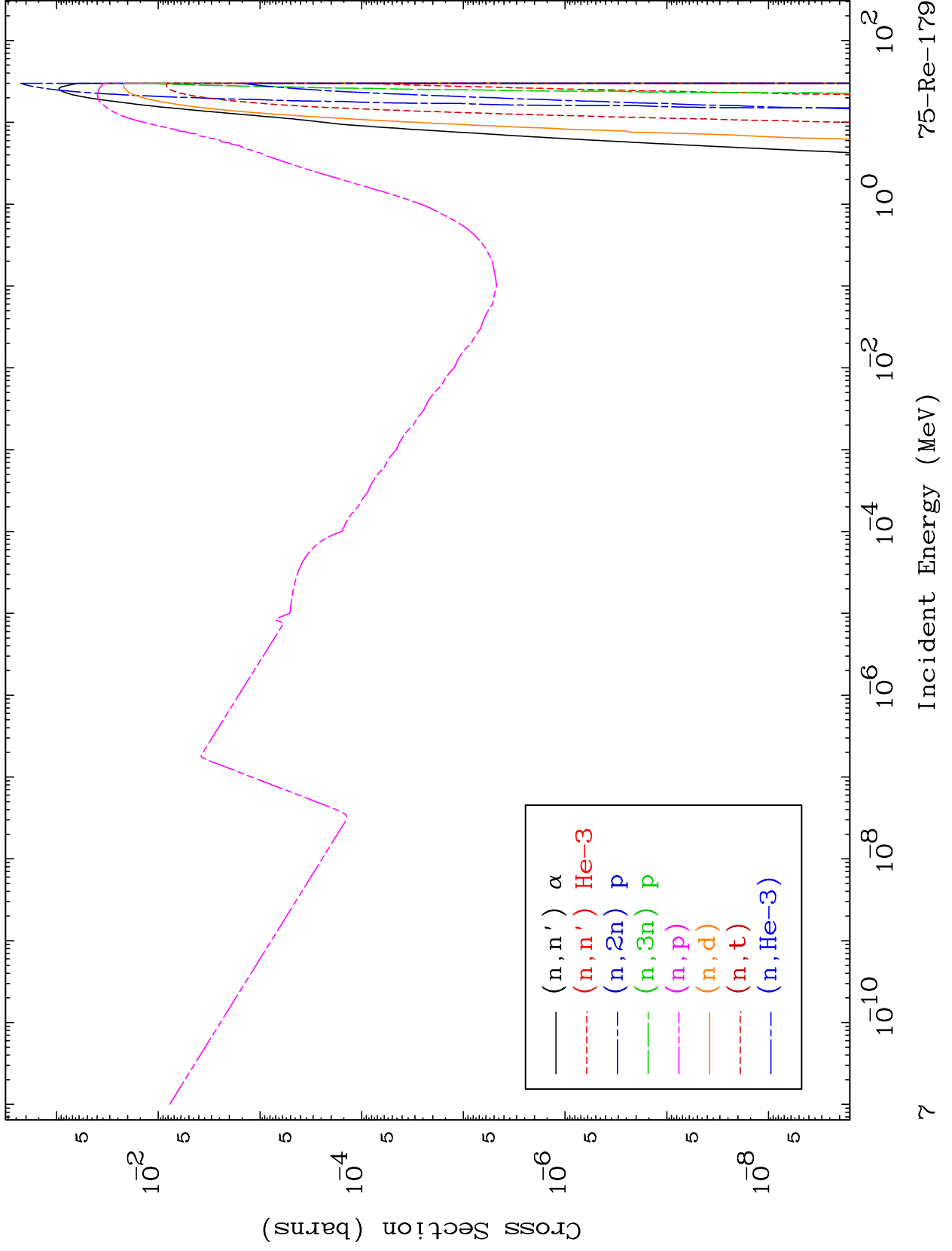
75-Re-179



MAT 7507

Charged Particle  
293 Kelvin Cross Sections

75-Re-179

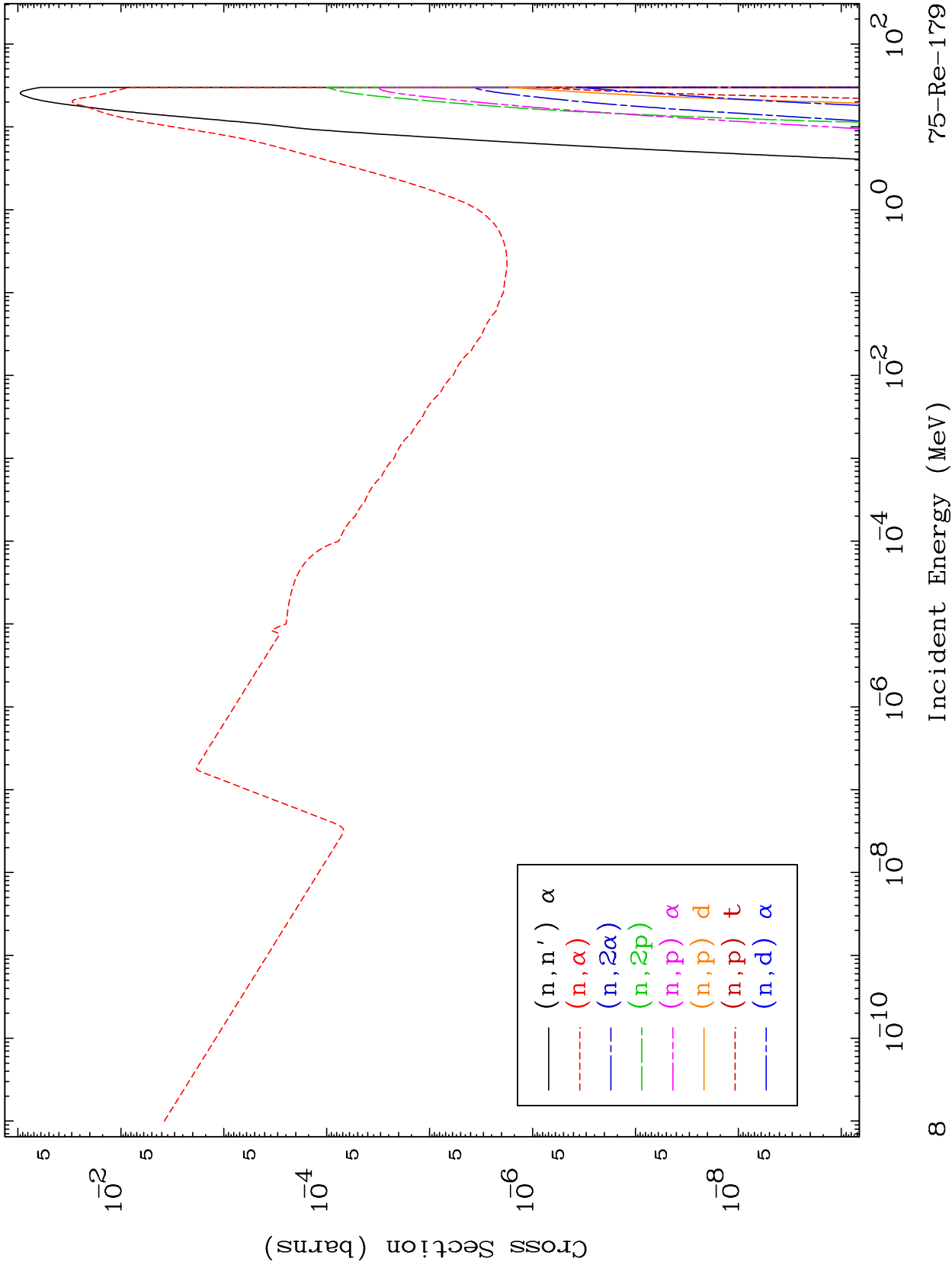




MAT 7507

Charged Particle  
293 Kelvin Cross Sections

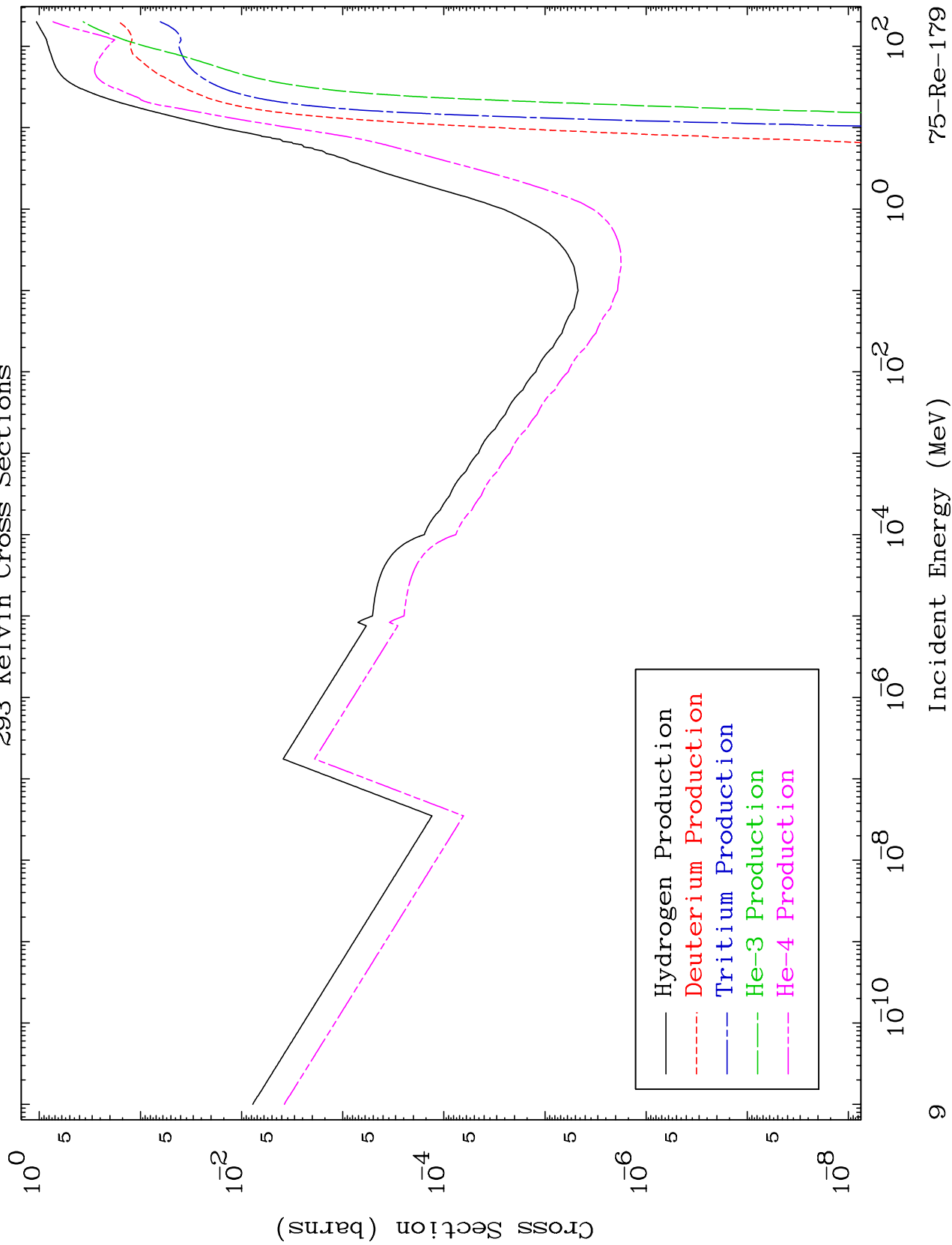
75-Re-179



MAT 7507

Particle Production  
293 Kelvin Cross Sections

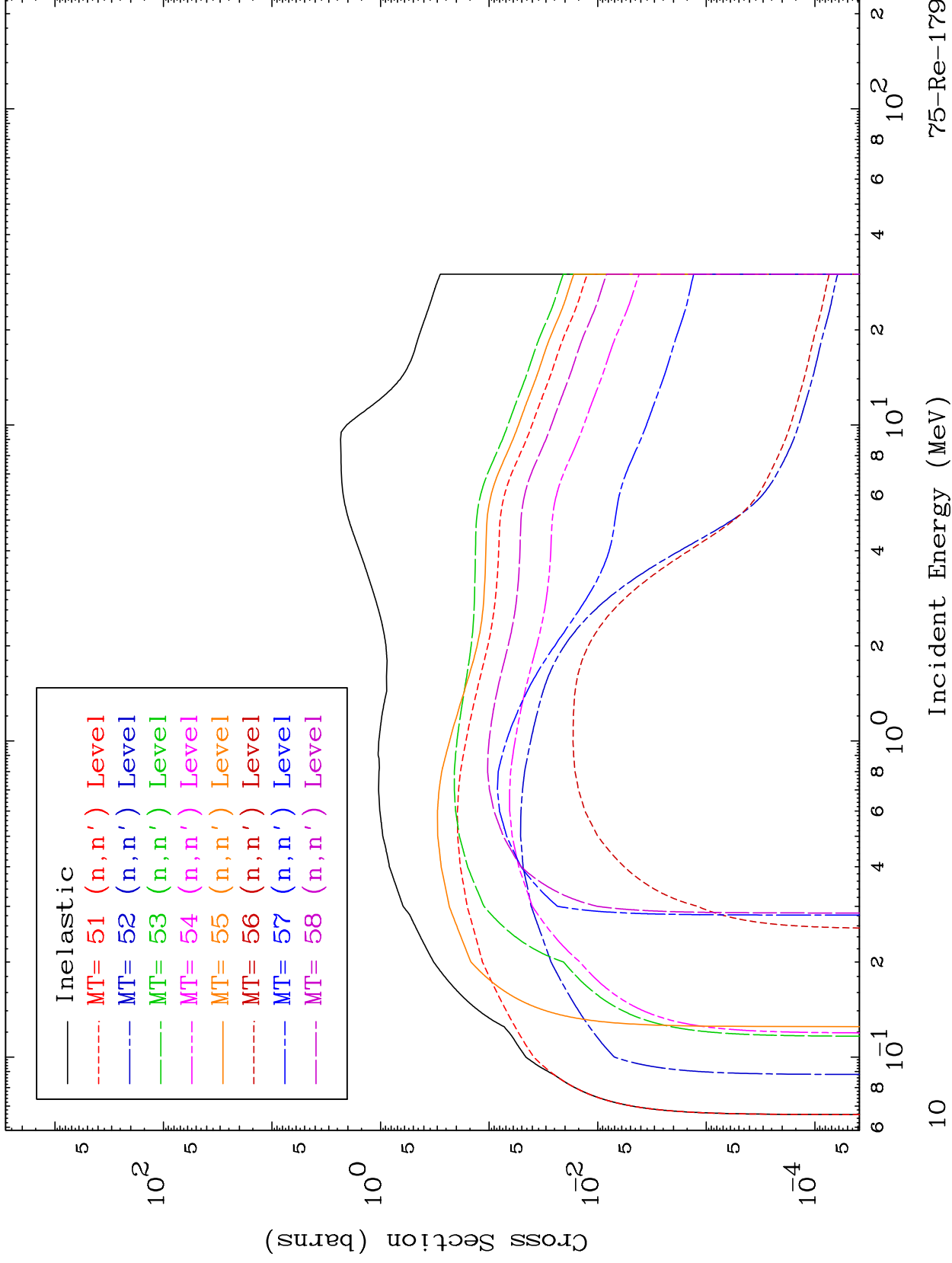
75-Re-179



MAT 7507

(n,n') Levels  
293 Kelvin Cross Sections

75-Re-179



75-Re-179

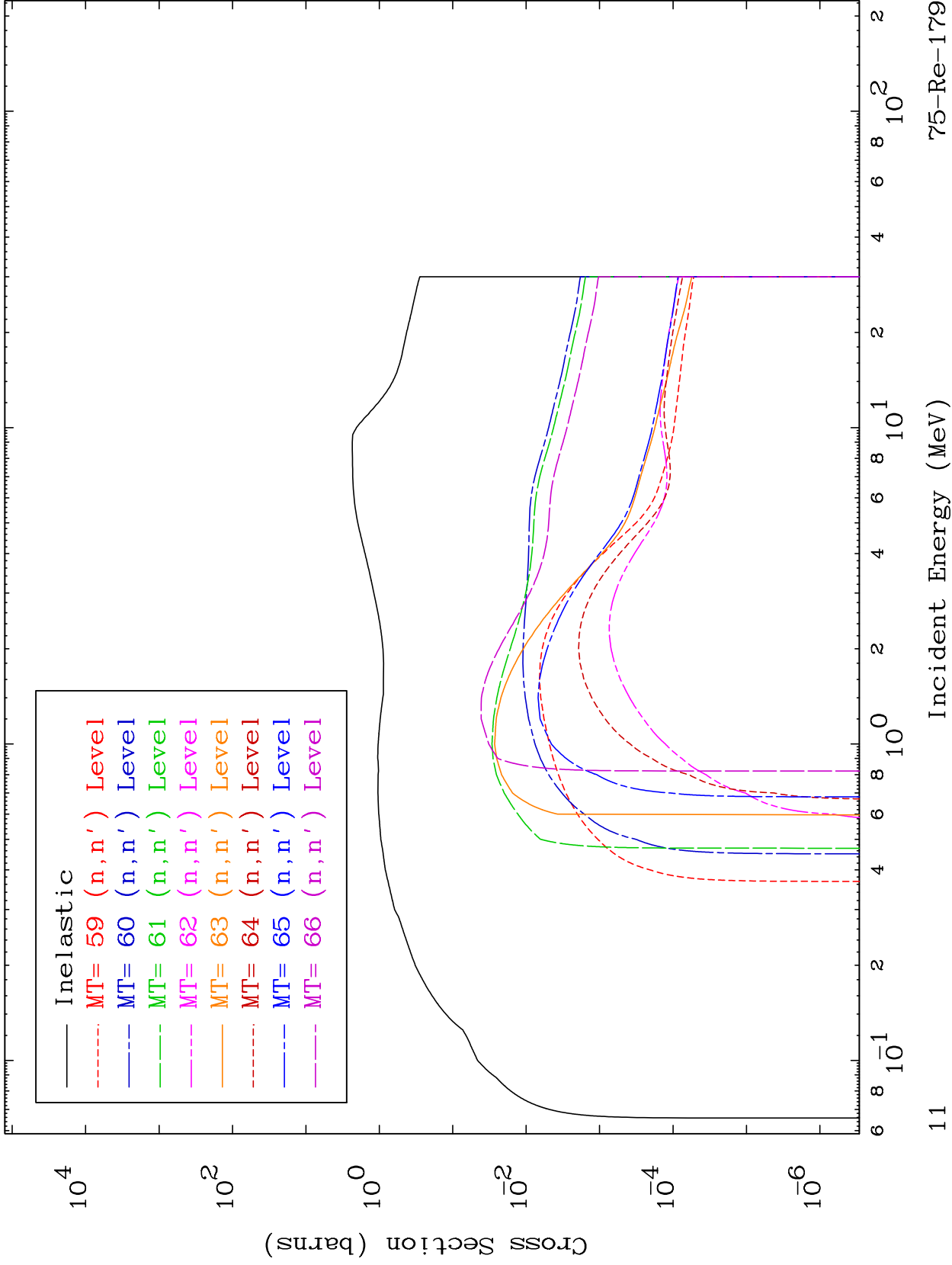
Incident Energy (MeV)

10

MAT 7507

(n,n') Levels  
293 Kelvin Cross Sections

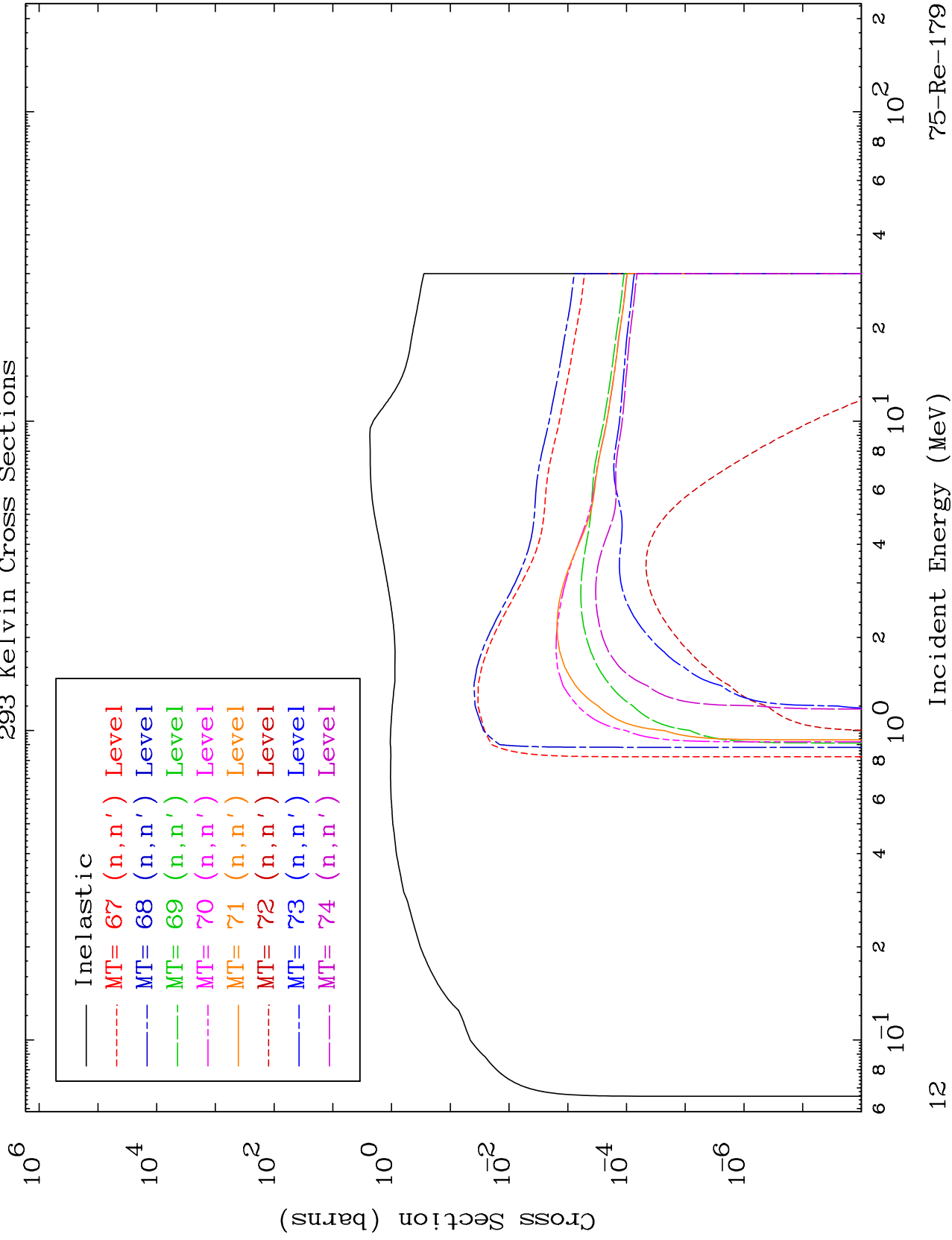
75-Re-179



MAT 7507

(n,n') Levels  
293 Kelvin Cross Sections

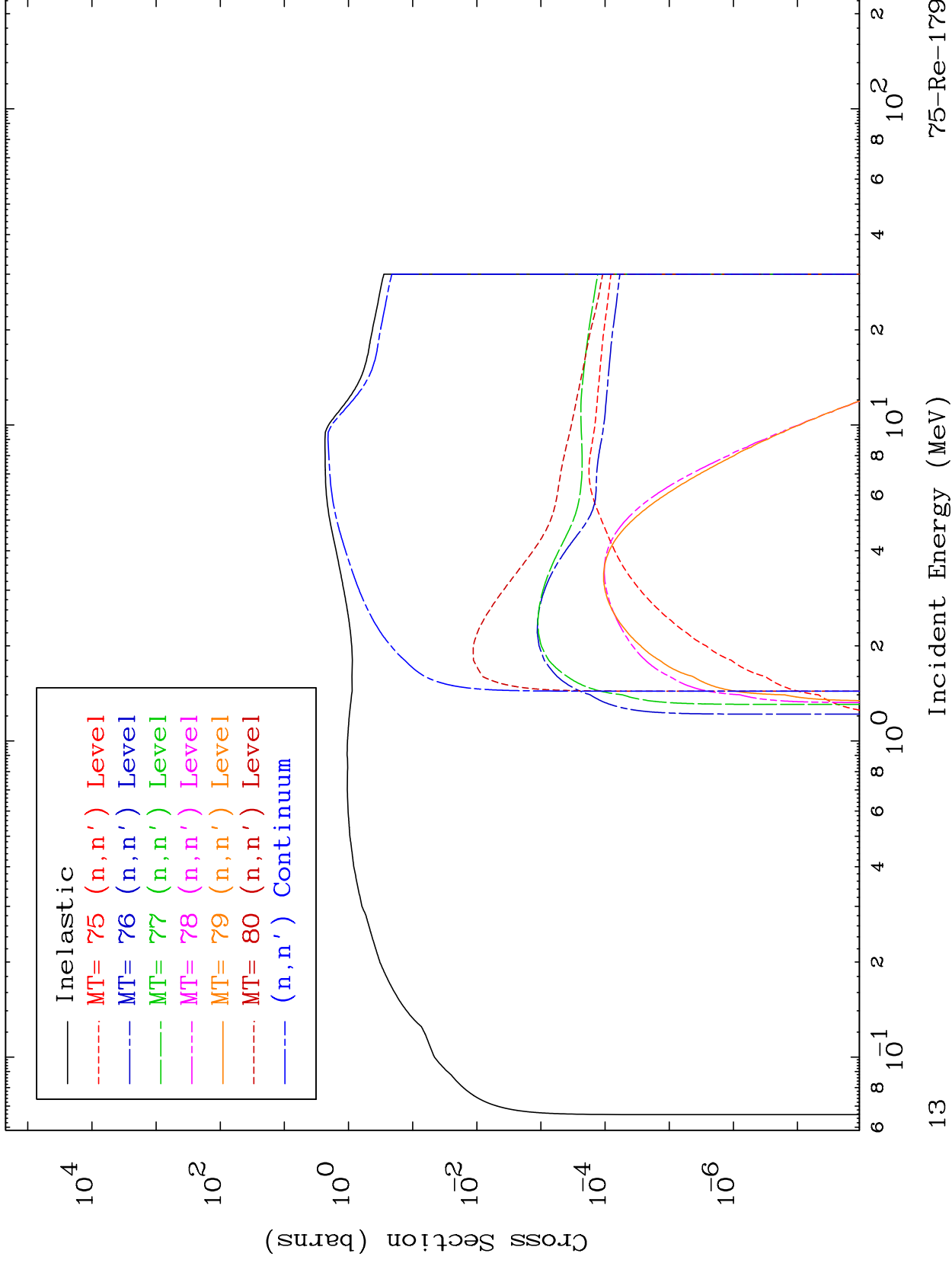
75-Re-179



MAT 7507

(n,n') Levels  
293 Kelvin Cross Sections

75-Re-179



13

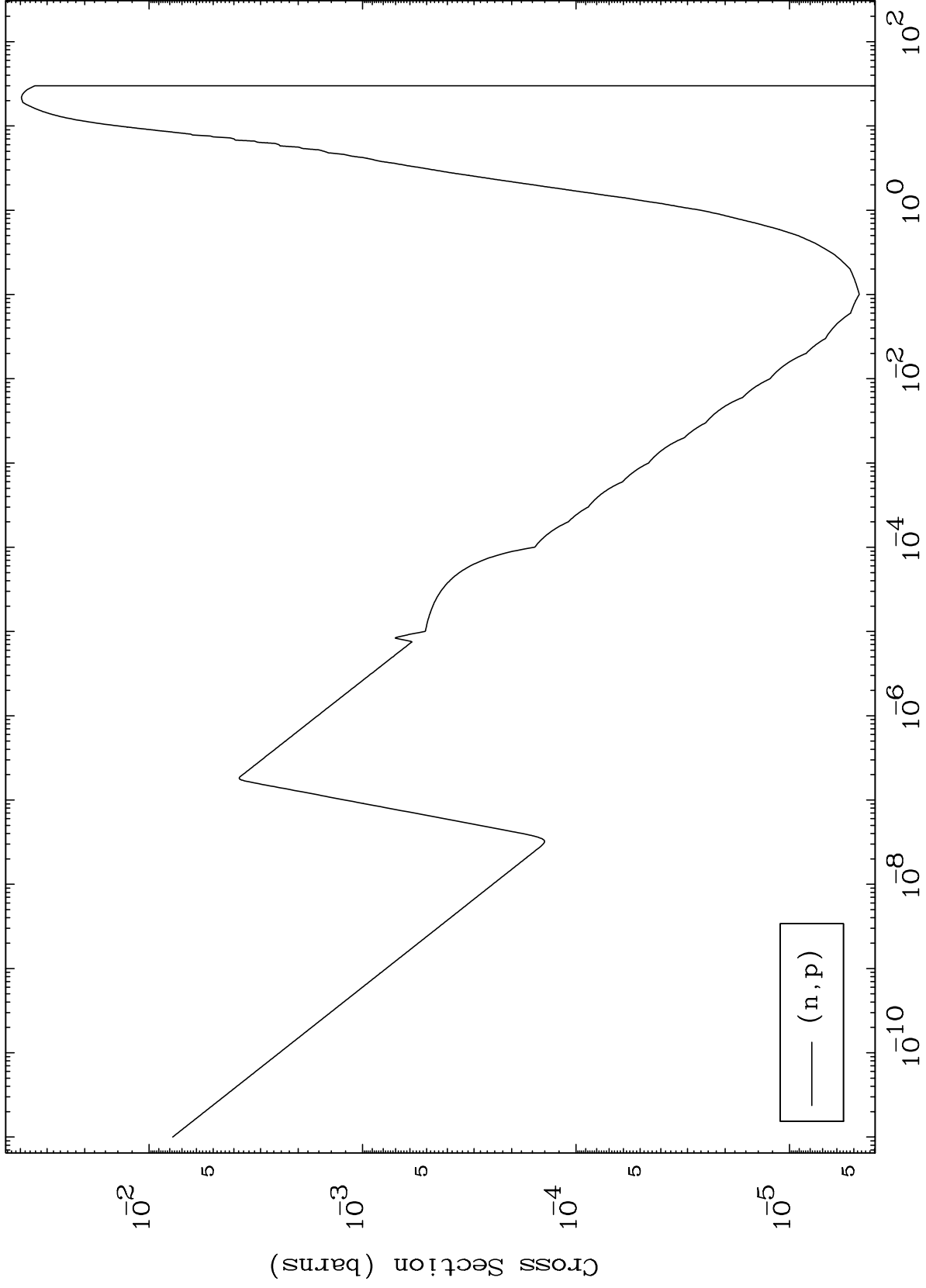
Incident Energy (MeV)

75-Re-179

MAT 7507

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-179



14

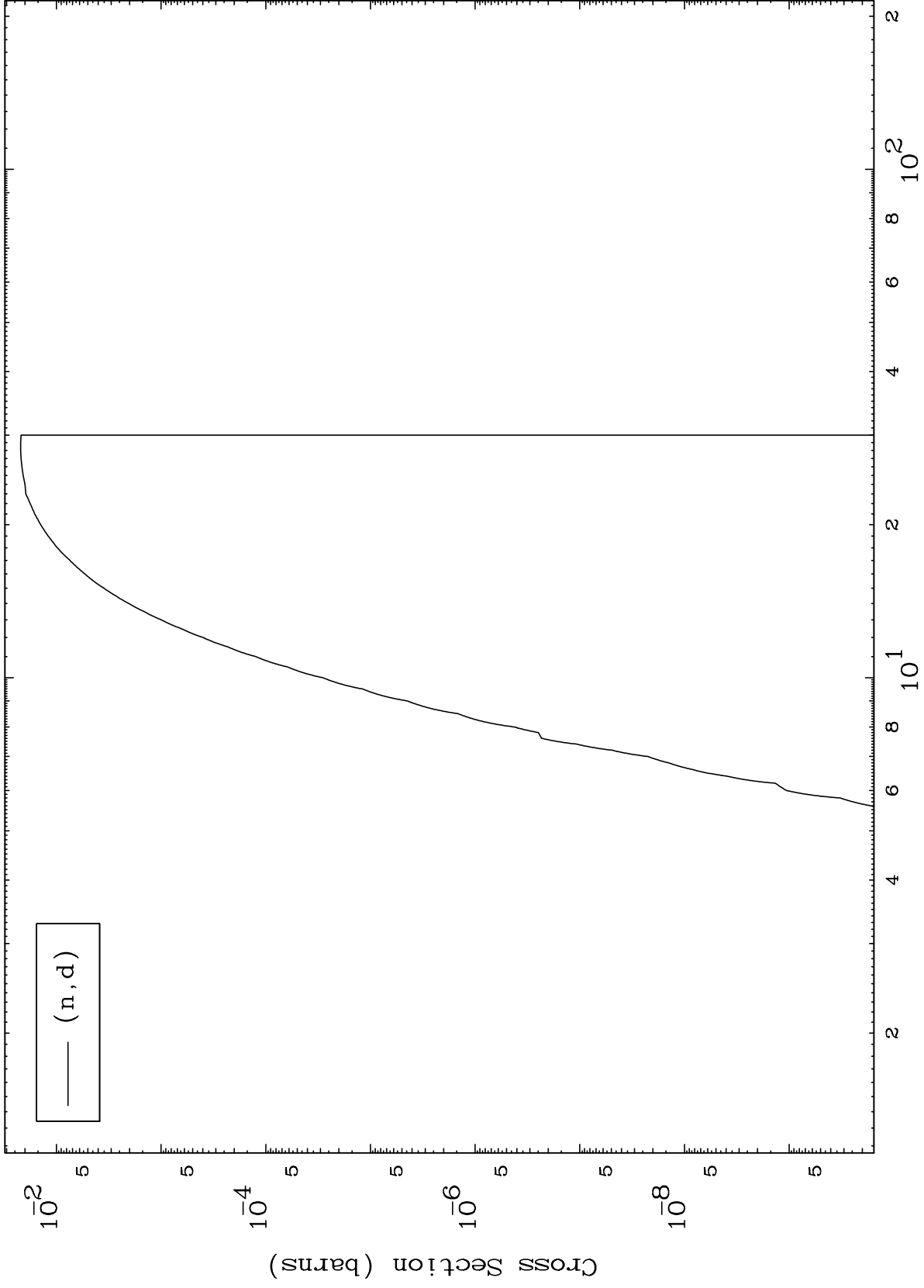
Incident Energy (MeV)

75-Re-179

MAT 7507

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-179



15

Incident Energy (MeV)

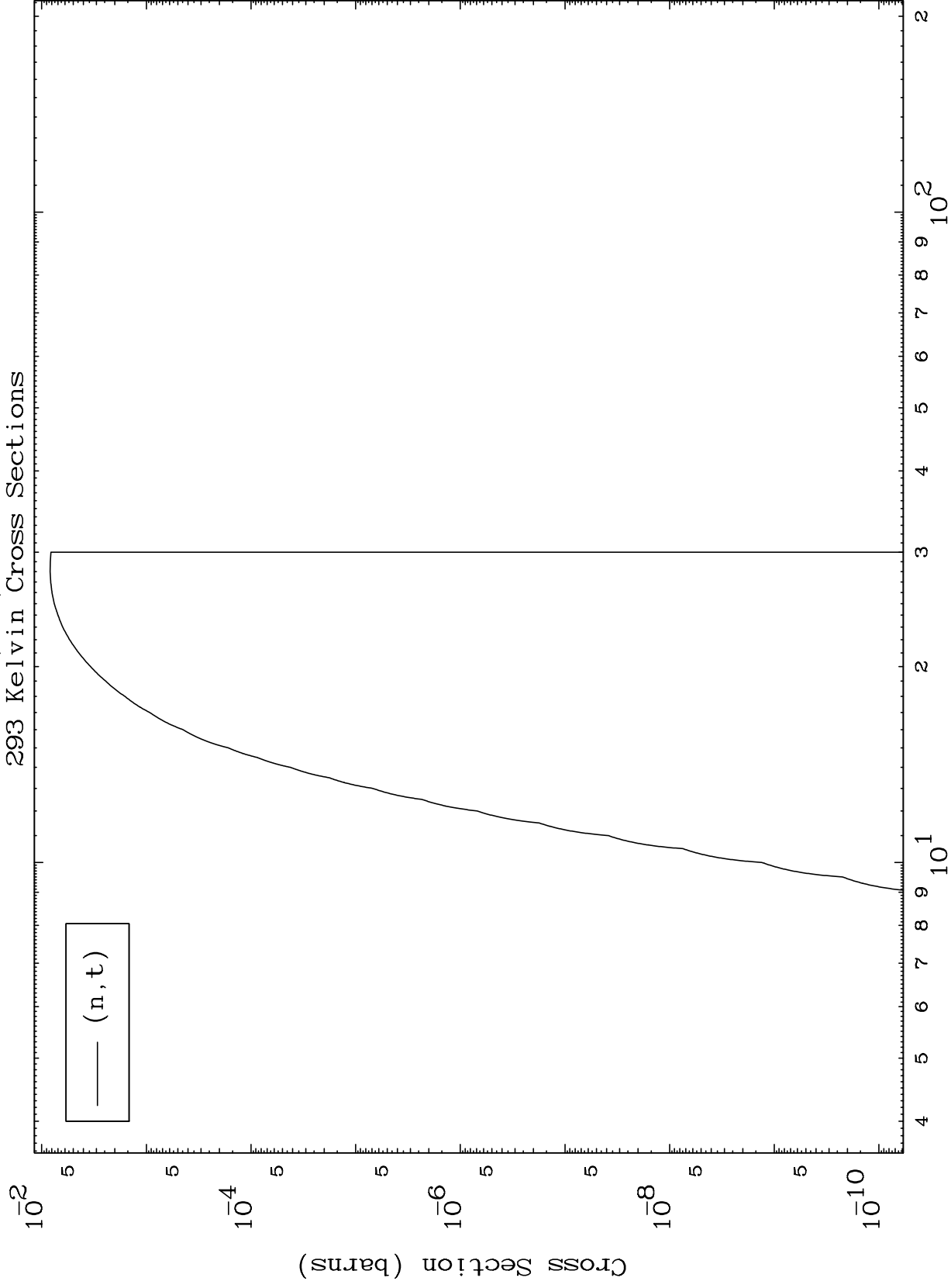
75-Re-179



MAT 7507

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-179



16

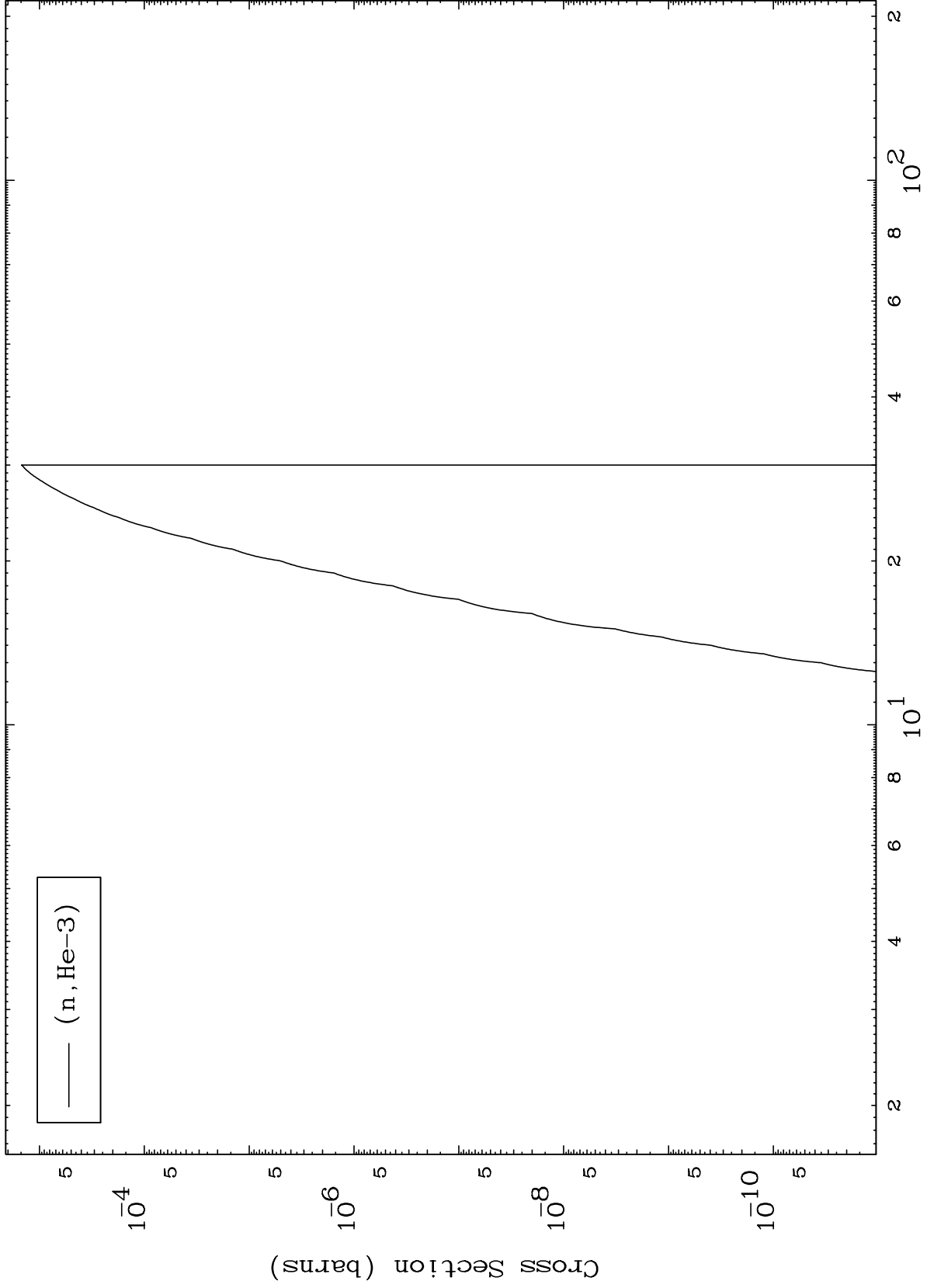
Incident Energy (MeV)

75-Re-179

MAT 7507

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-179



17

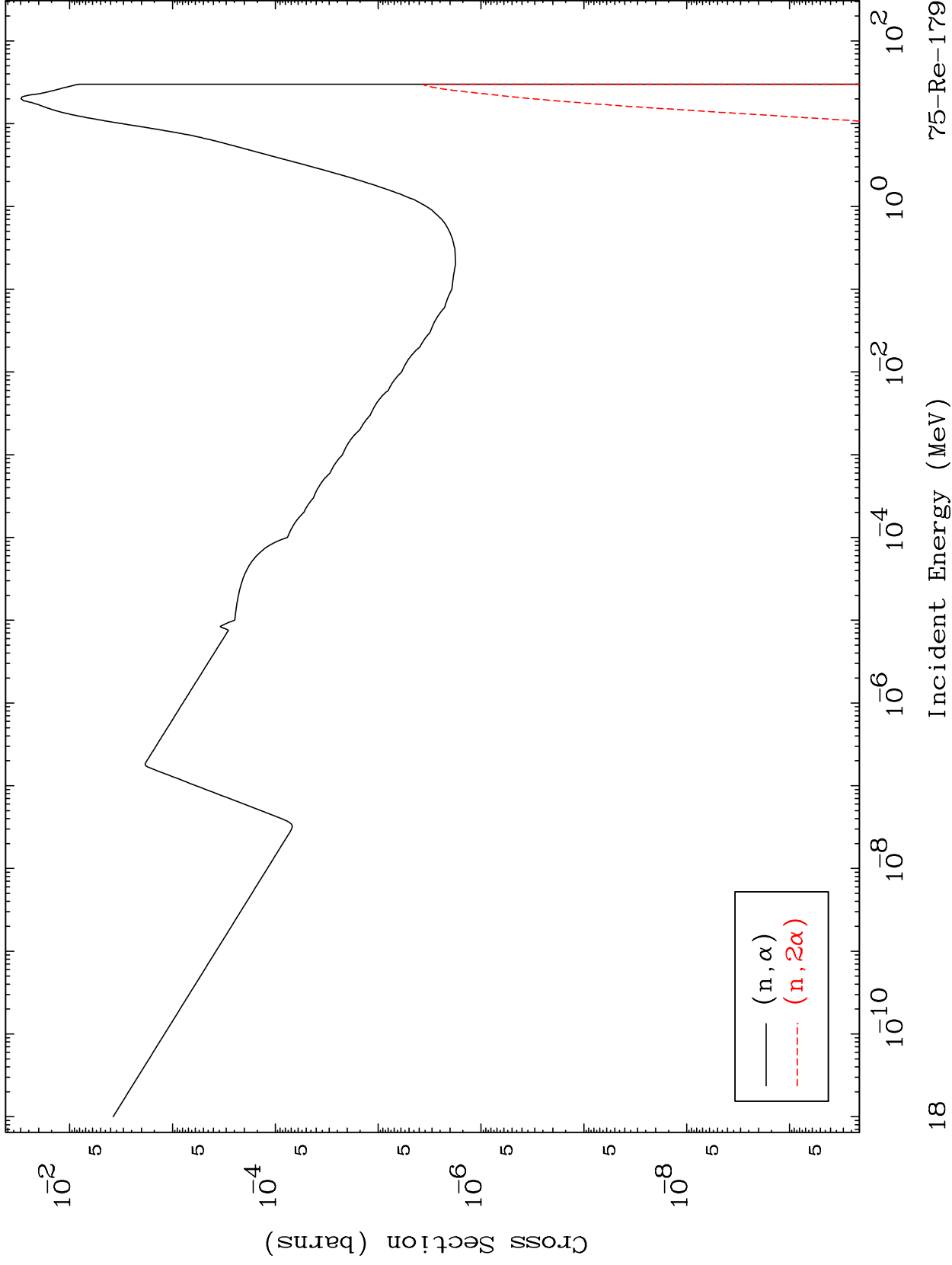
Incident Energy (MeV)

75-Re-179

MAT 7507

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

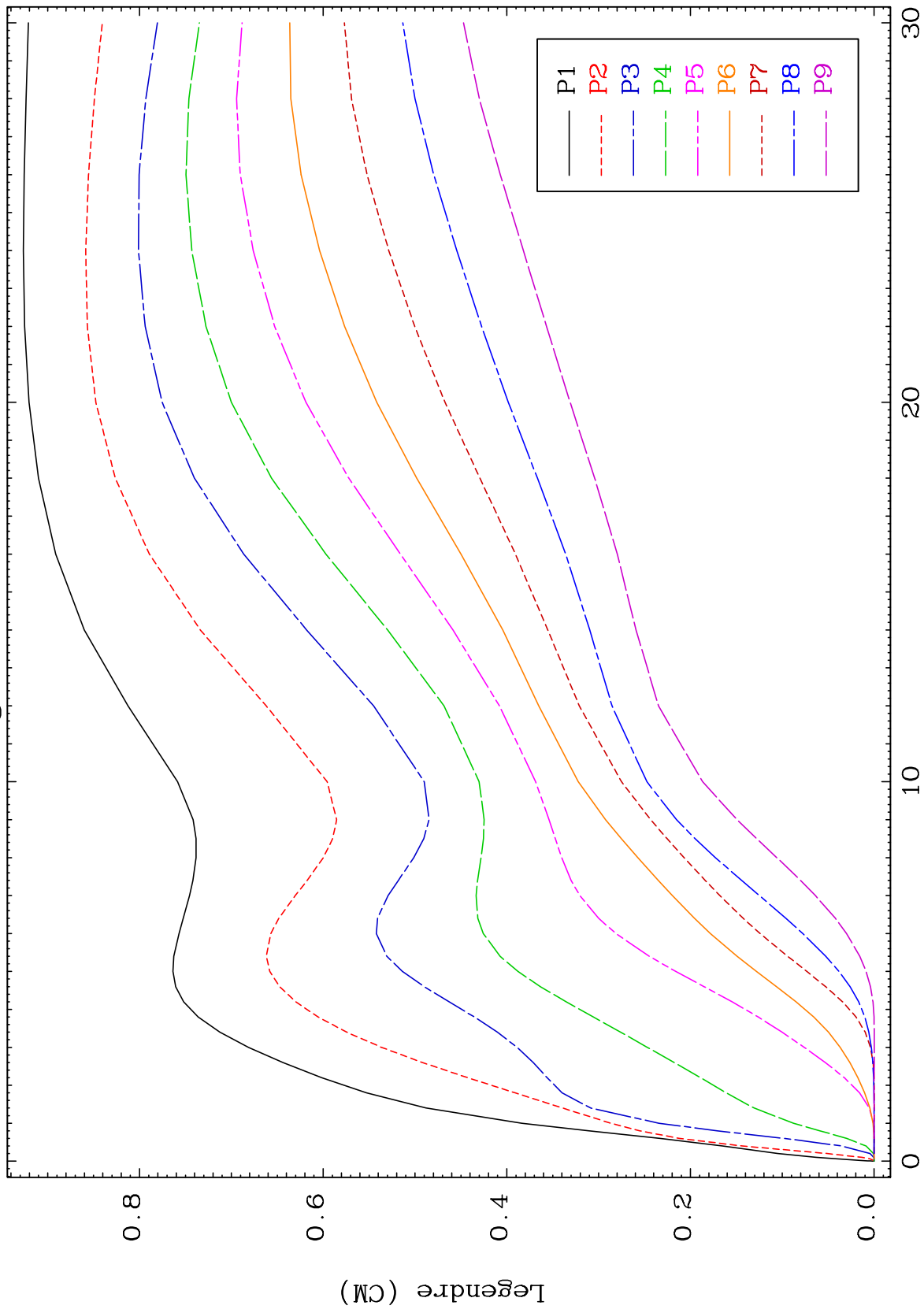
75-Re-179



MAT 7507

Elastic Legendre Coefficients

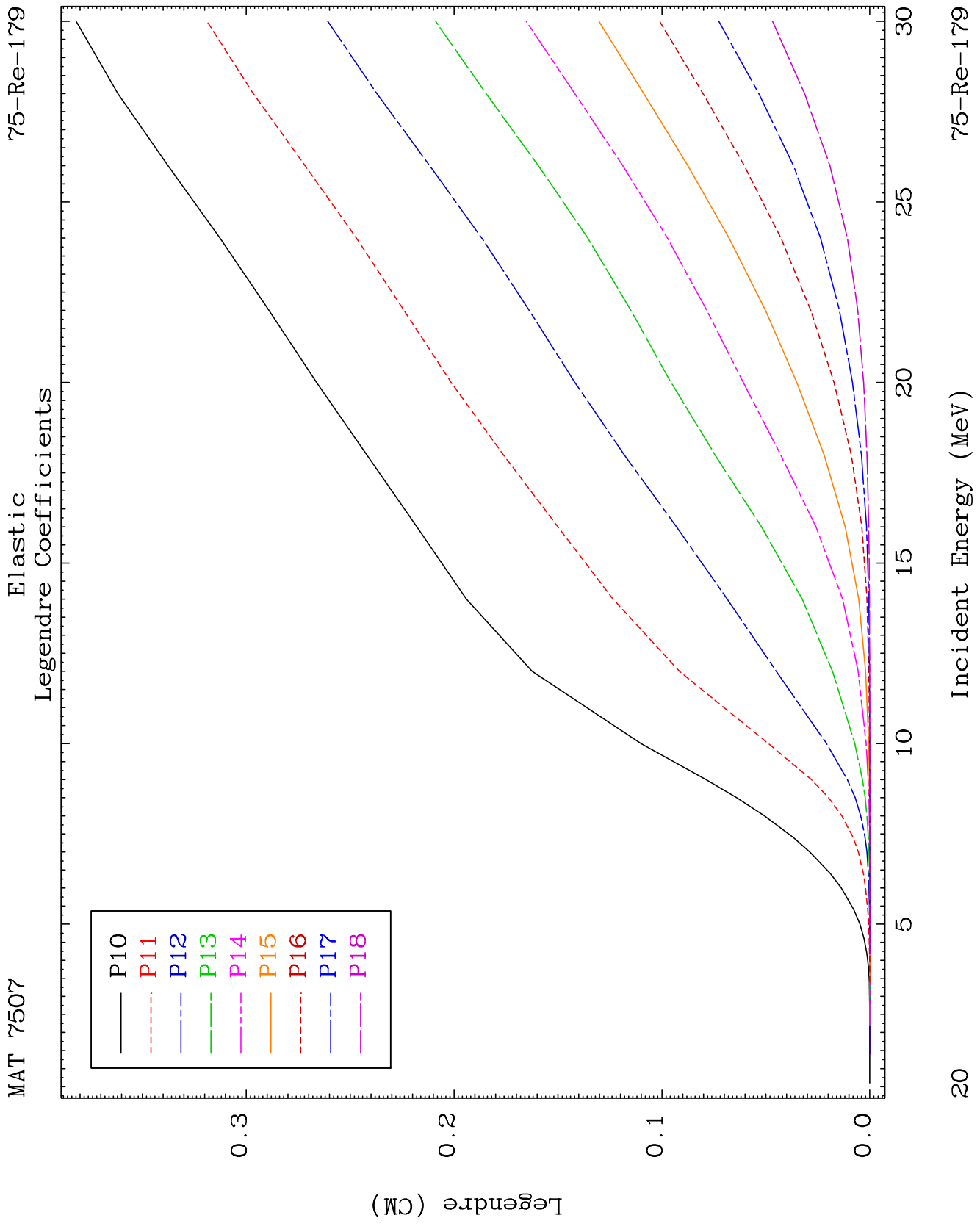
75-Re-179



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Incident Energy (MeV)

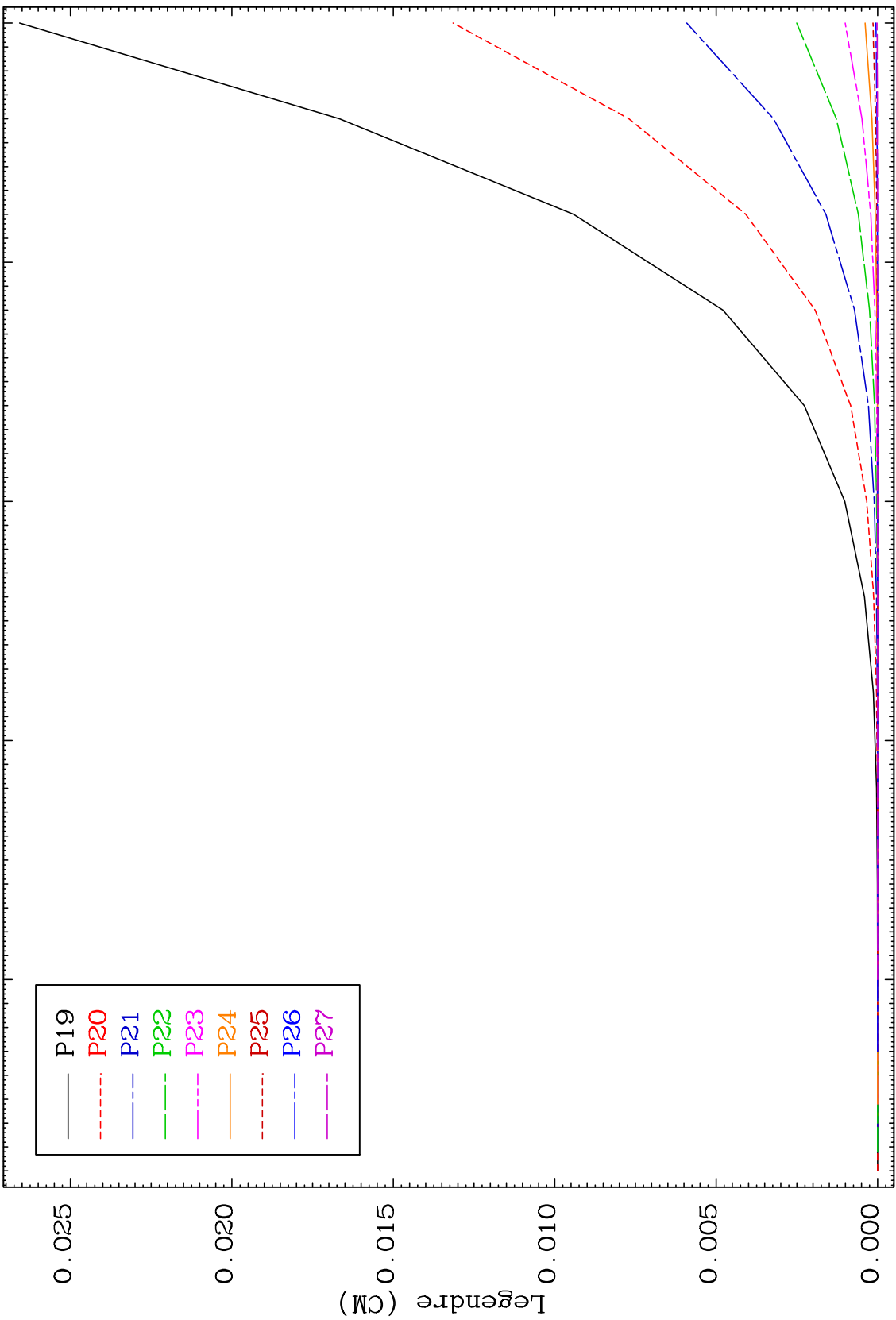
75-Re-179



MAT 7507

Elastic Legendre Coefficients

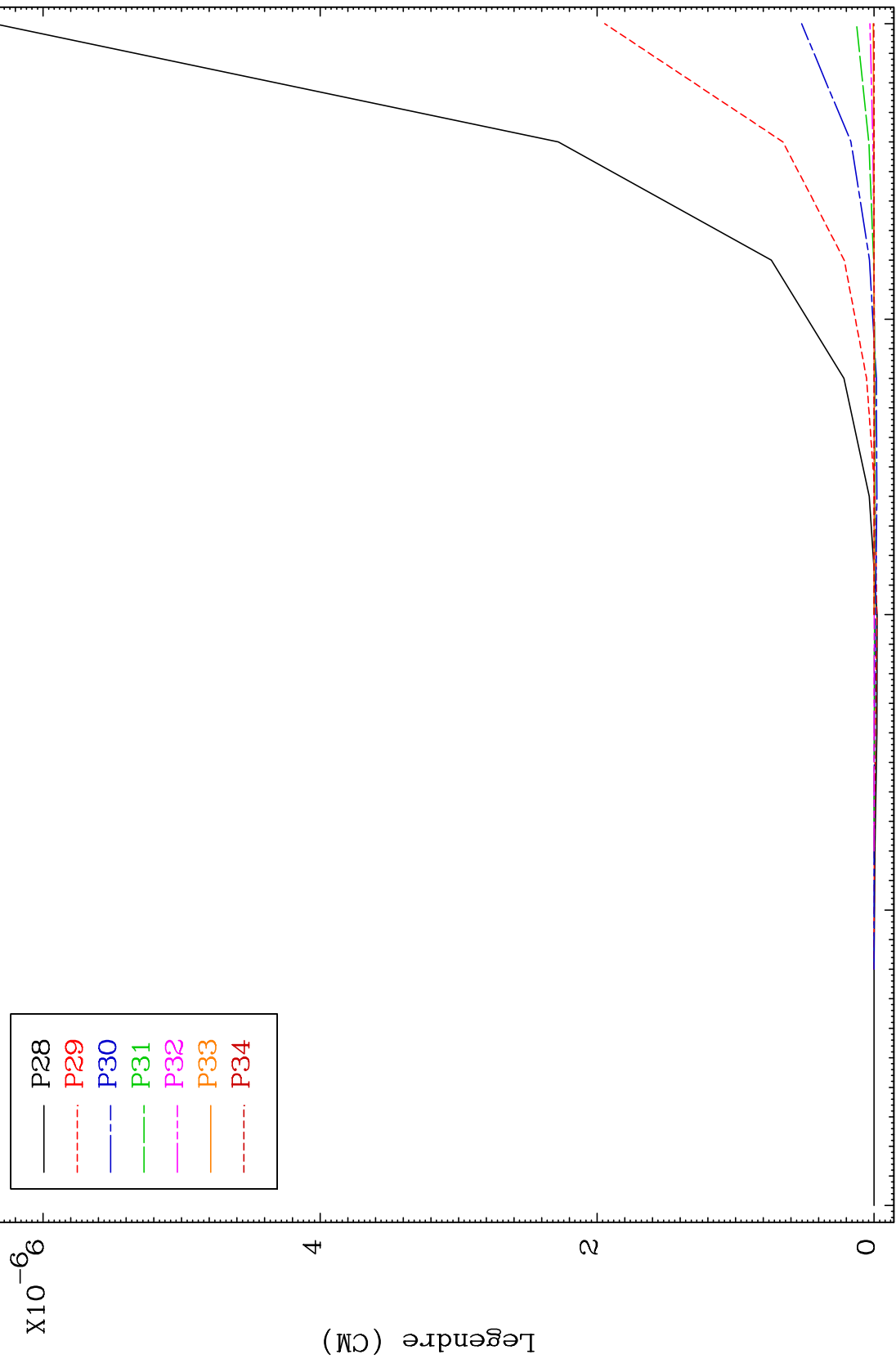
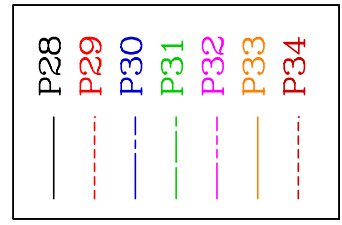
75-Re-179



MAT 7507

Elastic Legendre Coefficients

75-Re-179



22

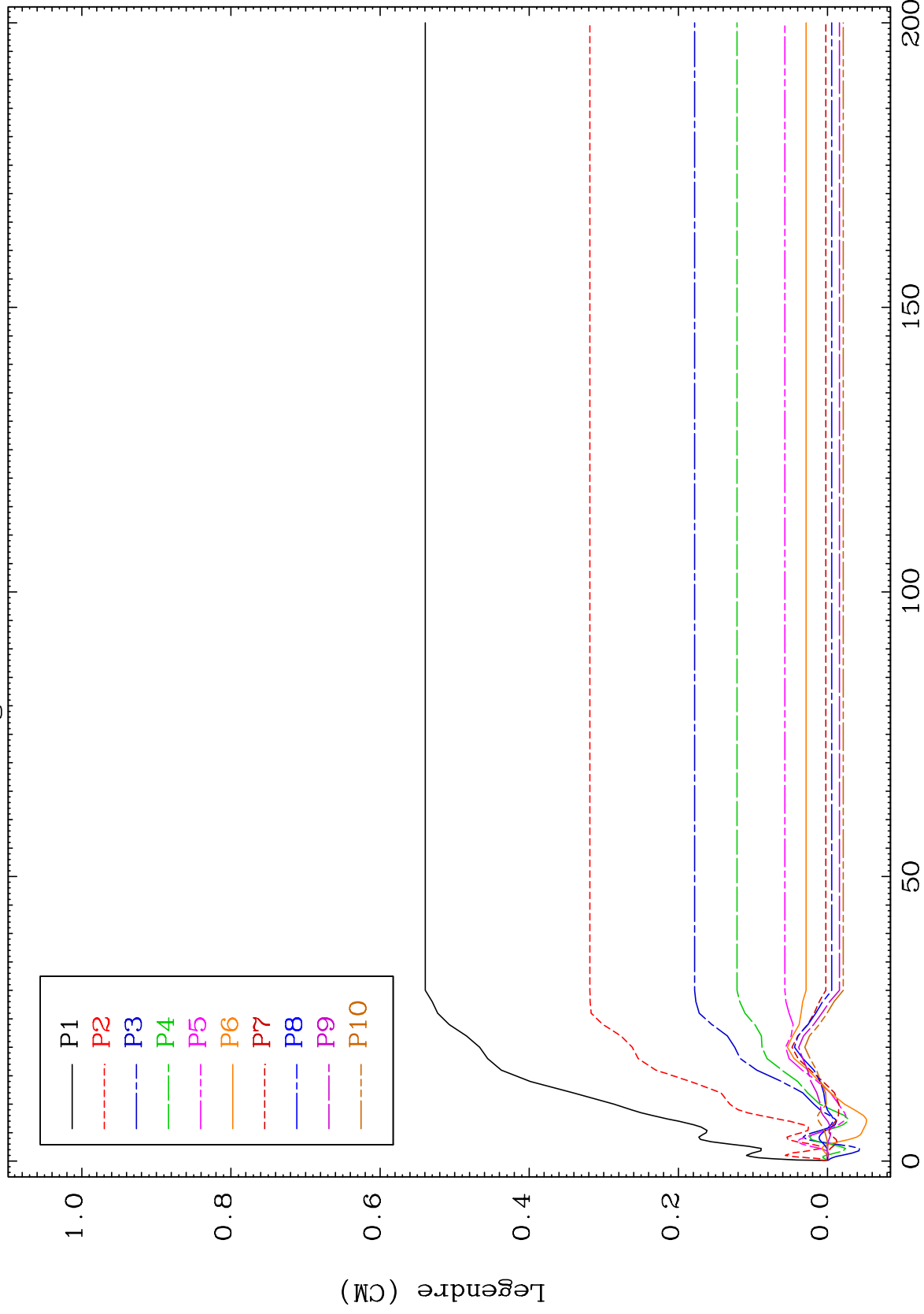
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



23

Incident Energy (MeV)

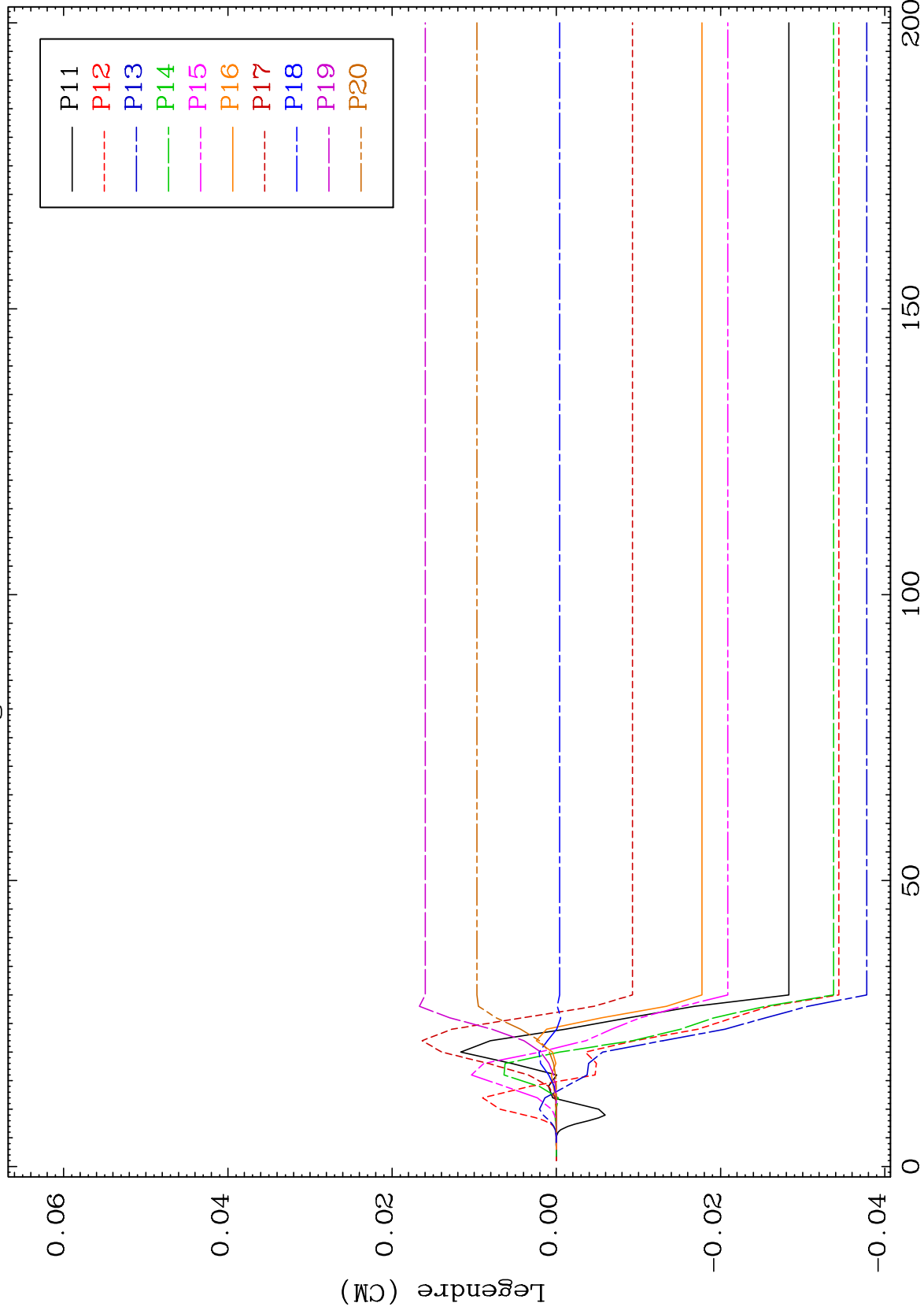
75-Re-179



MAT 7507

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

75-Re-179



24

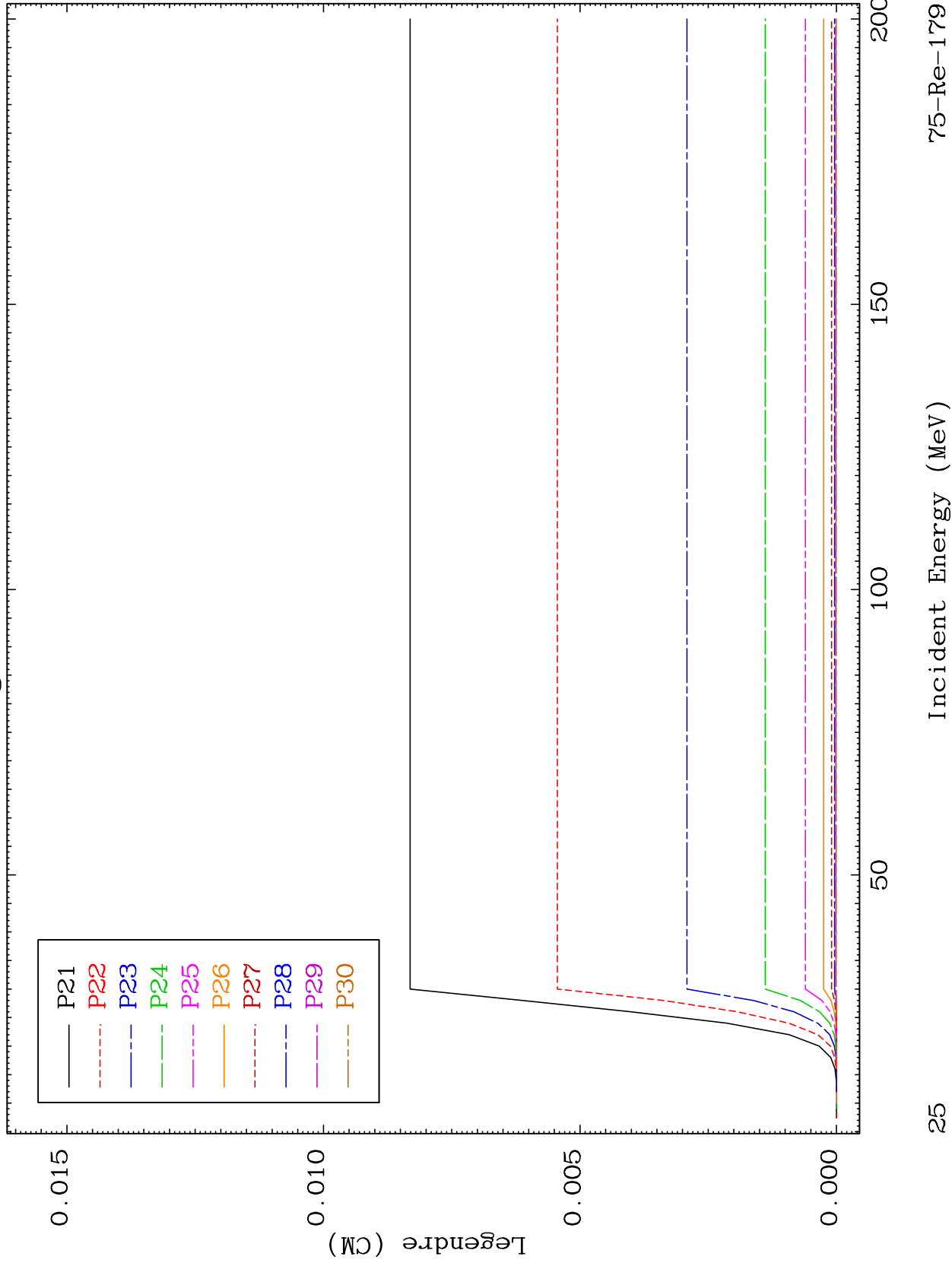
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



75-Re-179

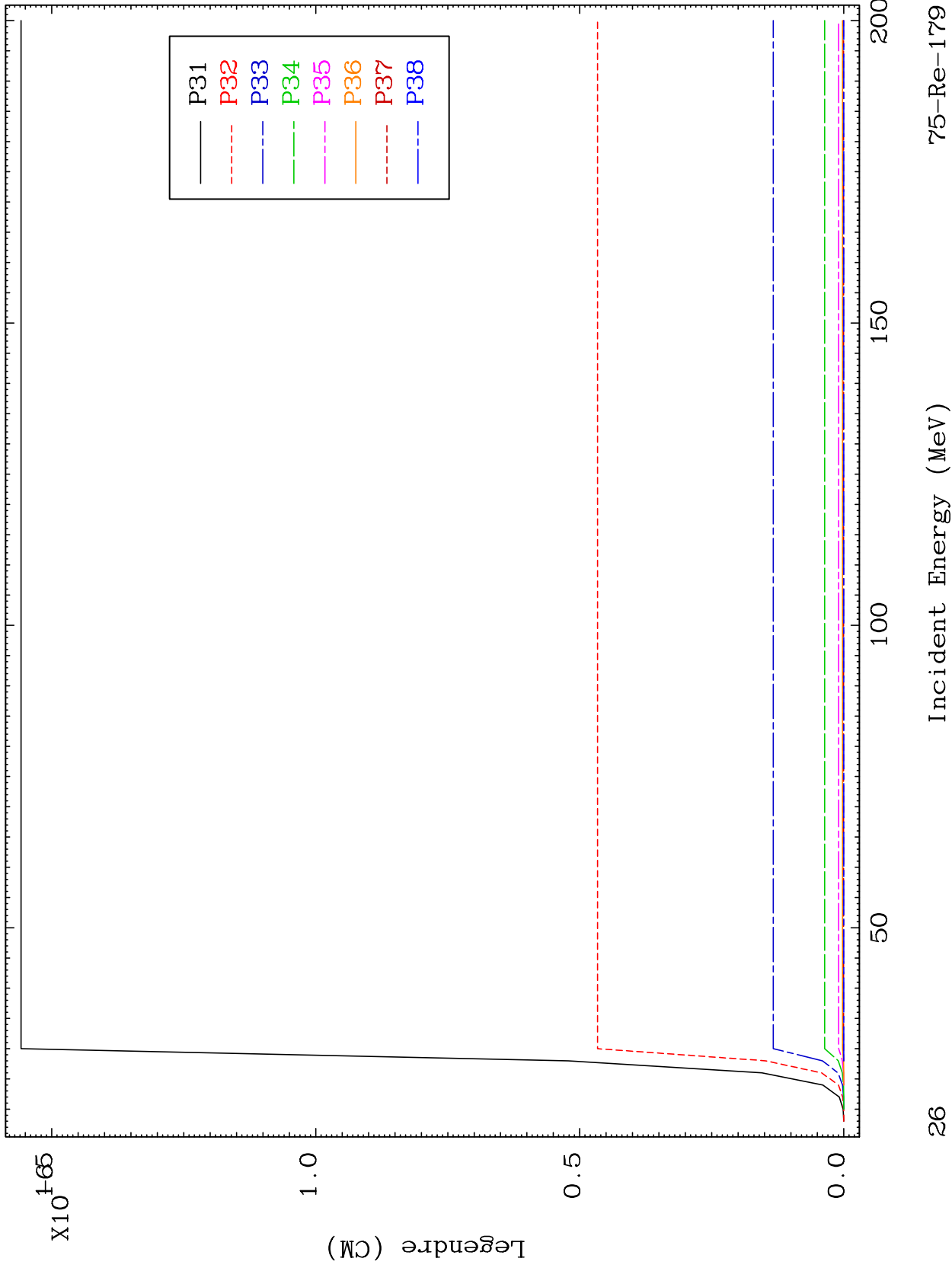
Incident Energy (MeV)

25

MAT 7507

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

75-Re-179



26

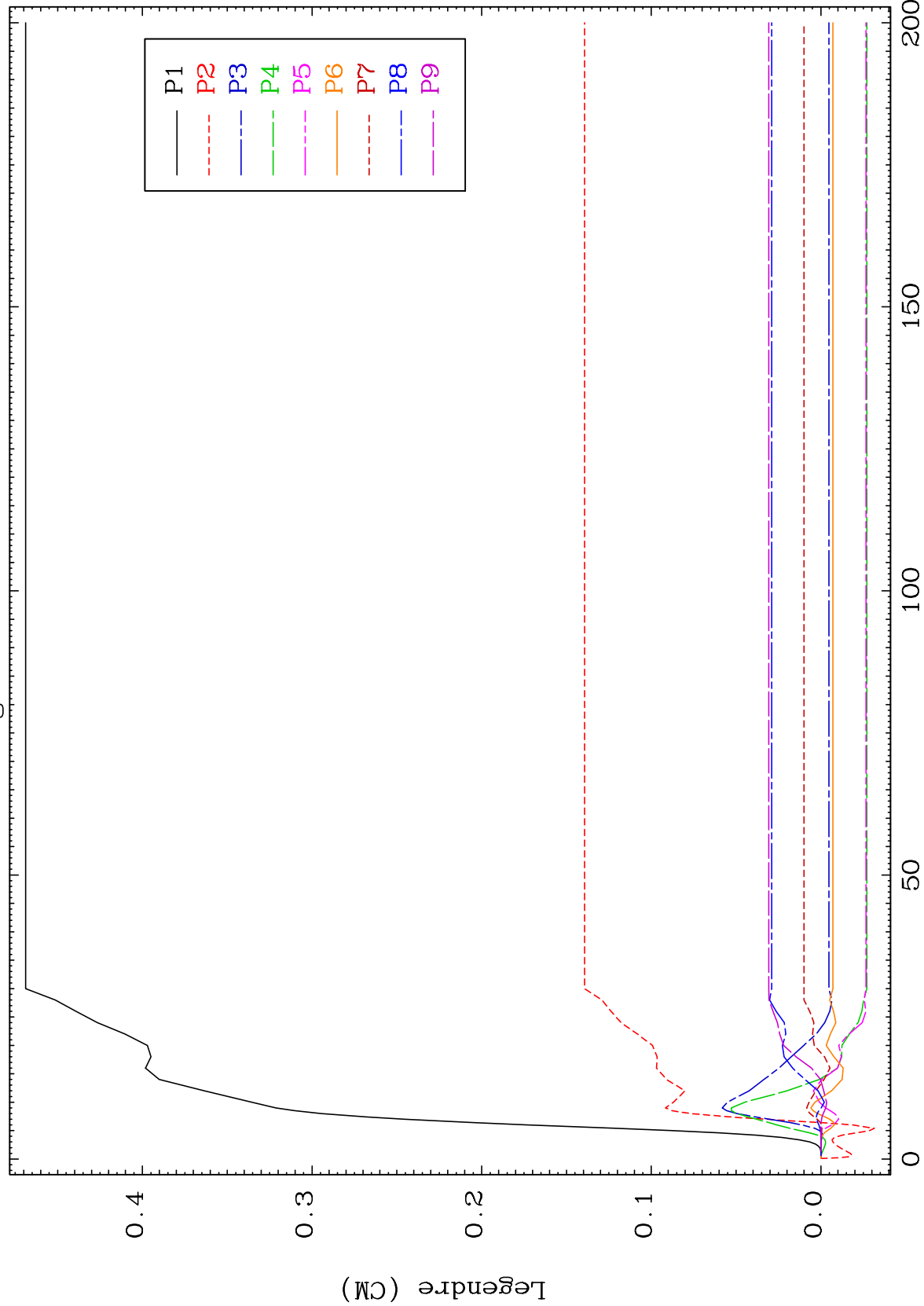
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



27

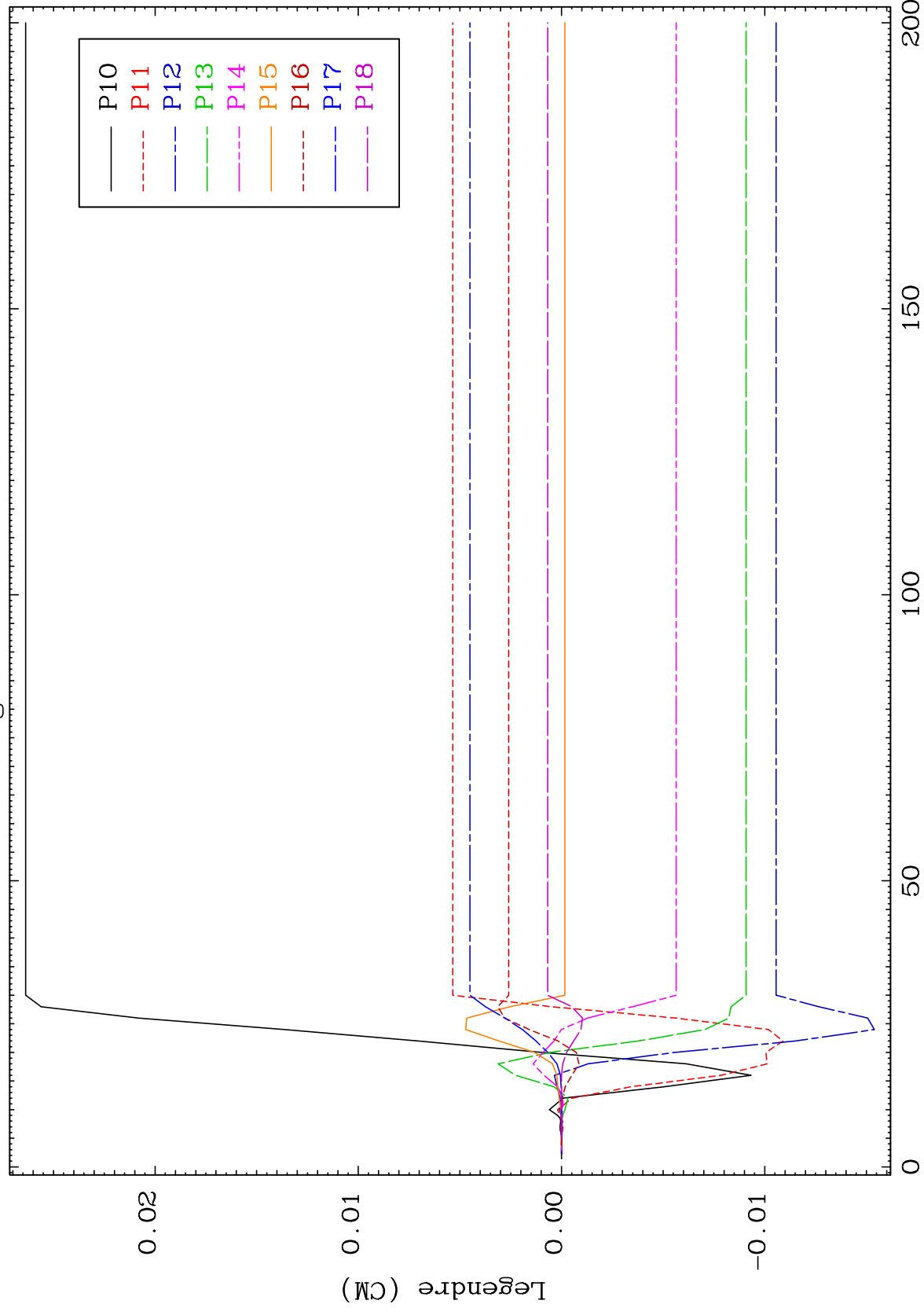
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



28

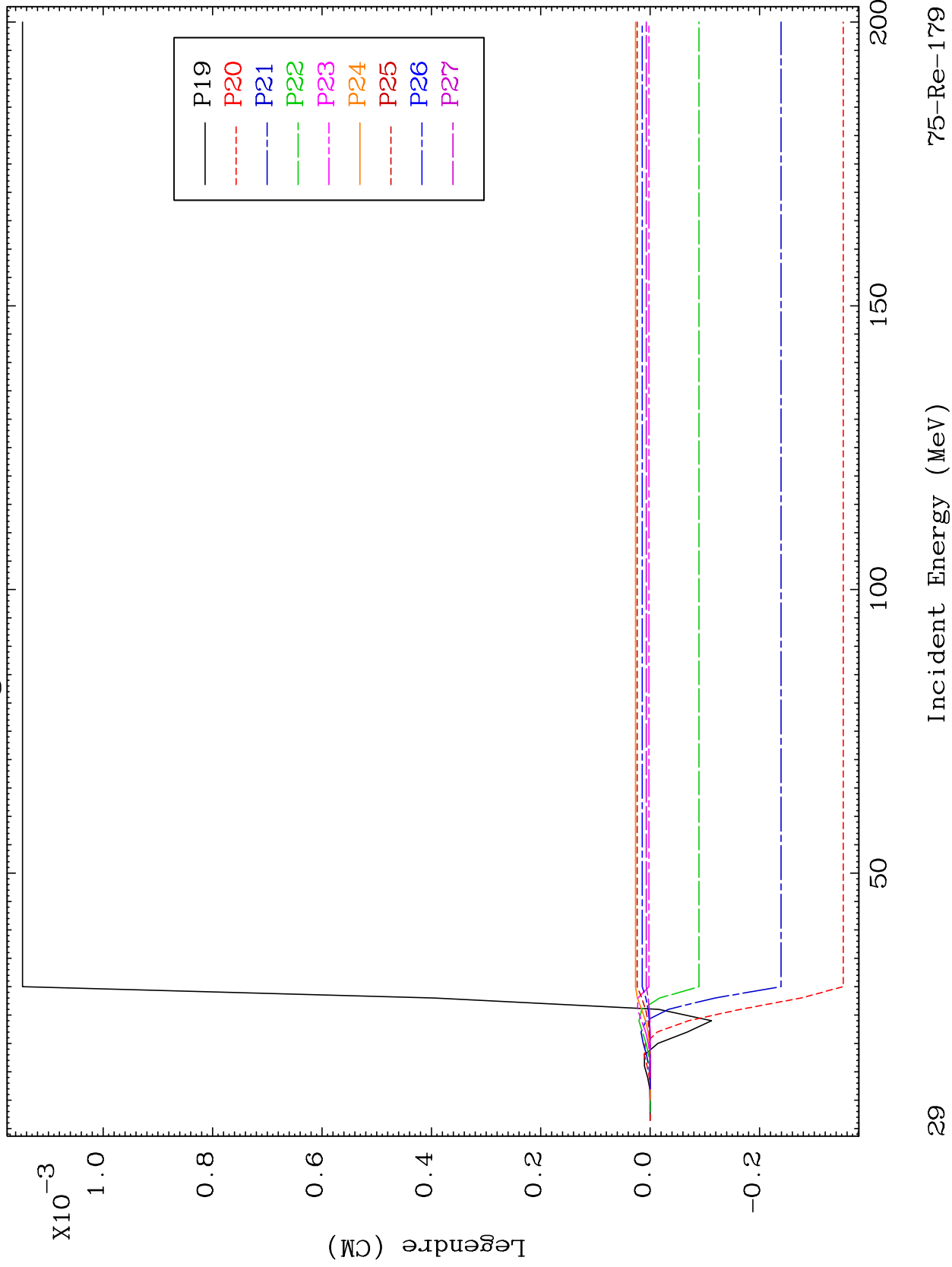
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



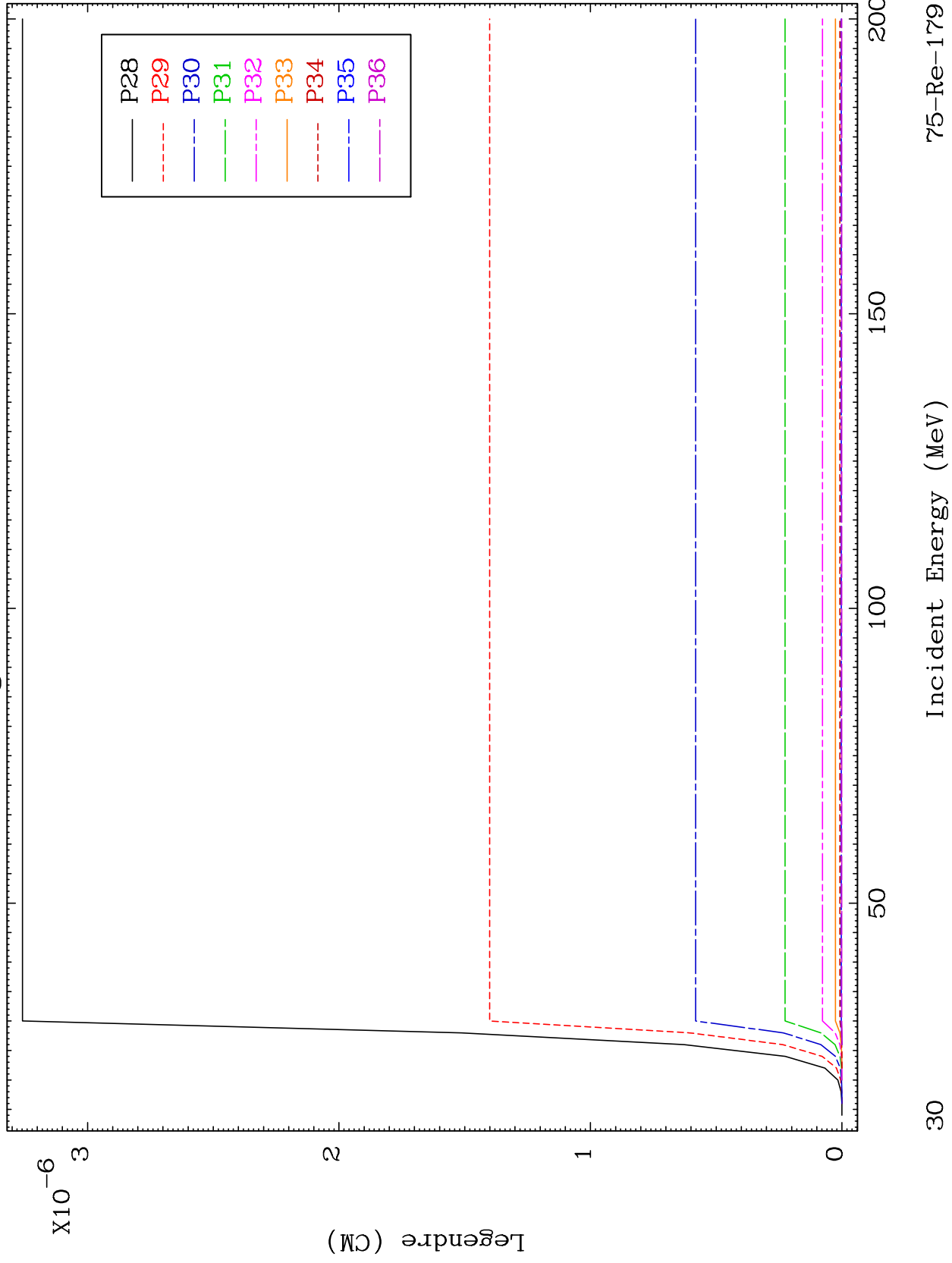
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75-Re-179

MAT 7507

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

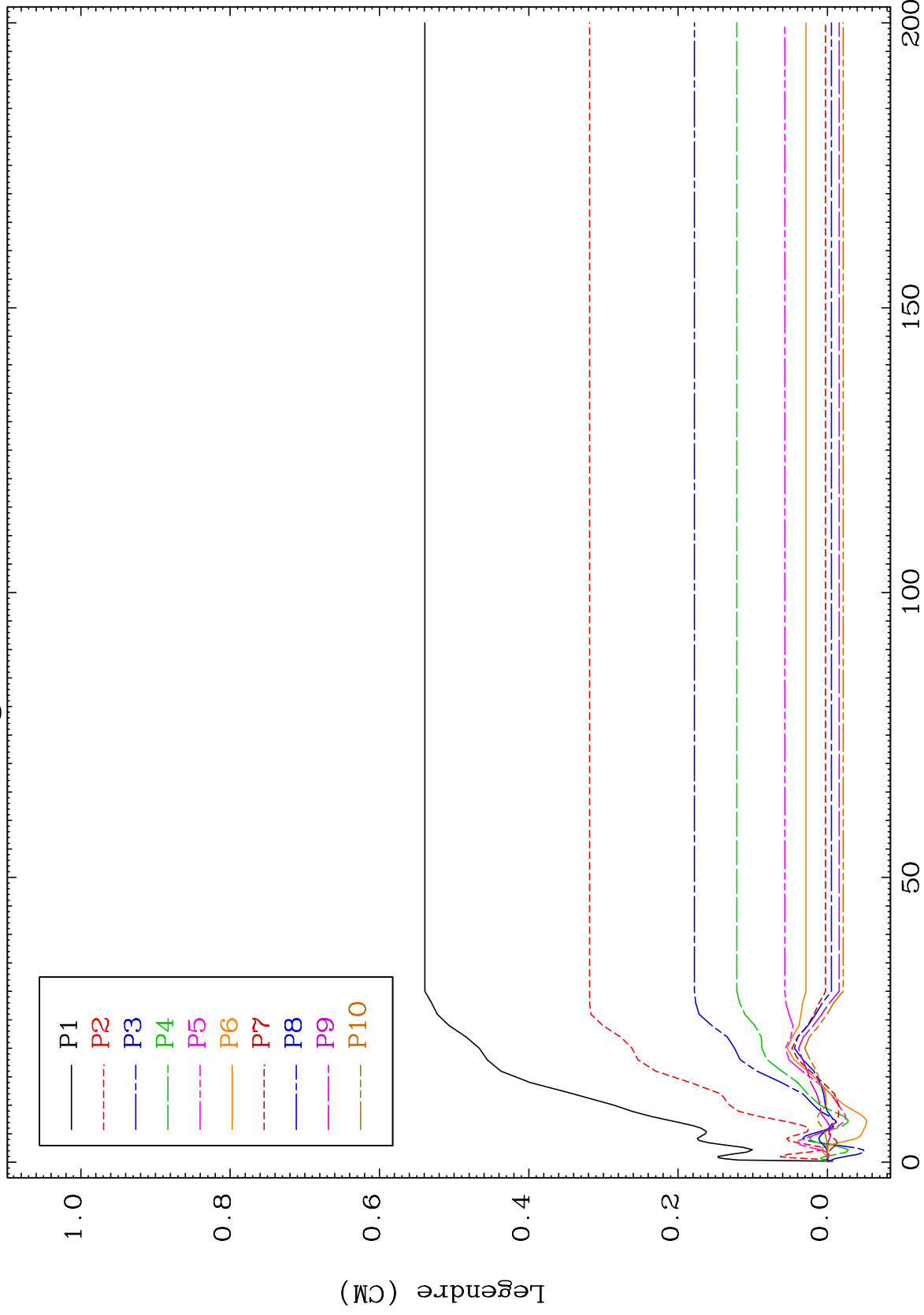
75-Re-179



MAT 7507

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

75-Re-179



31

Incident Energy (MeV)

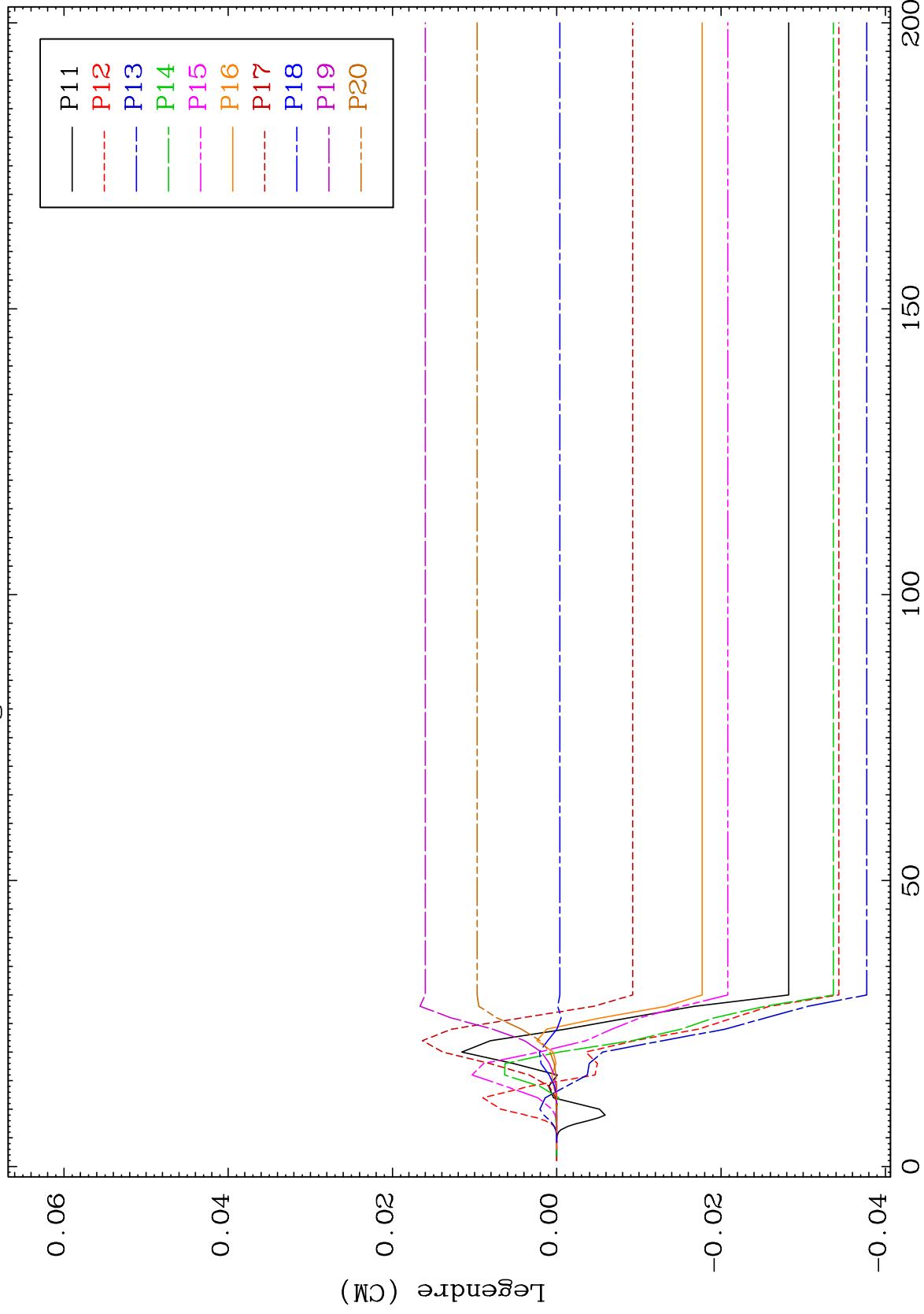
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MAT 7507

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

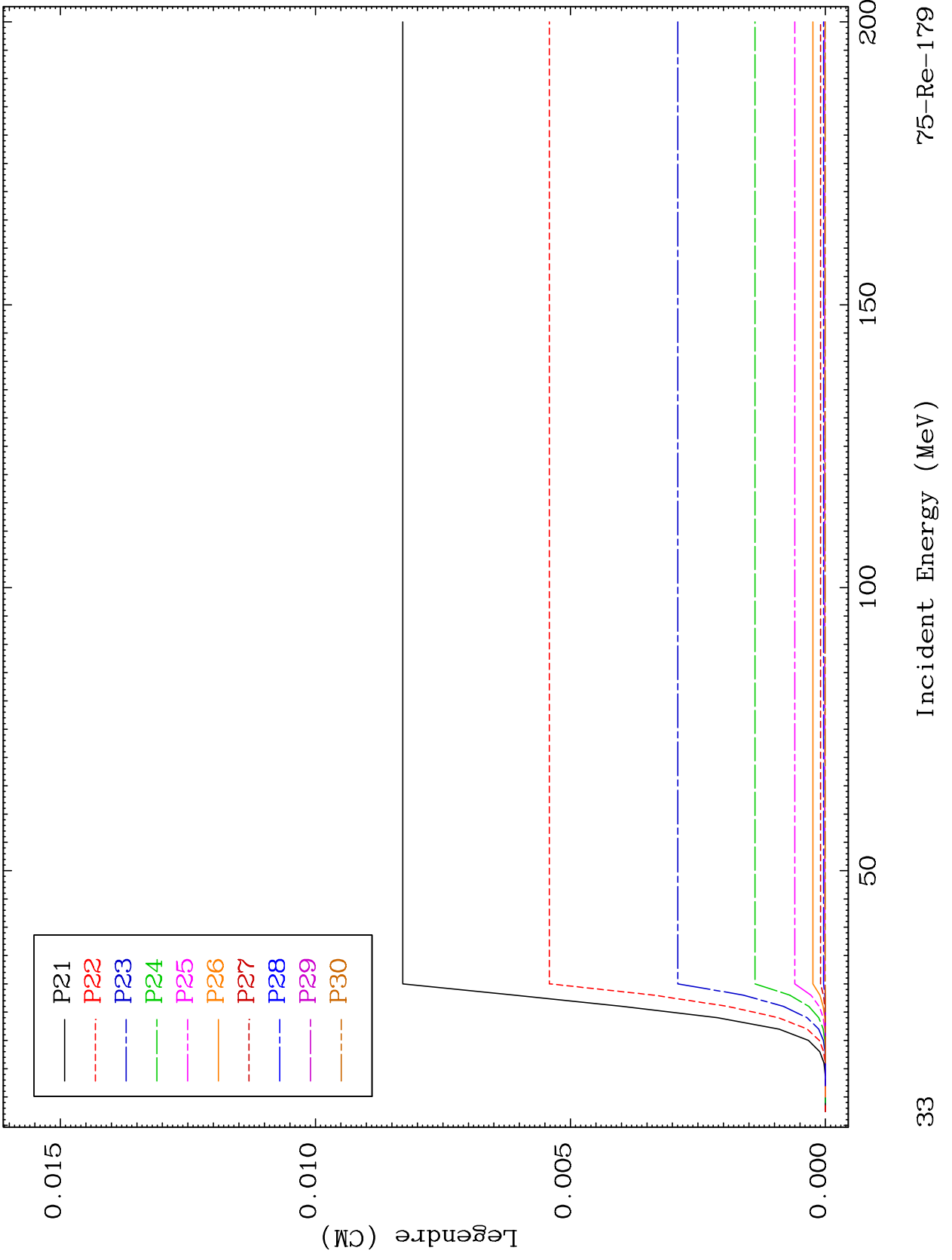
75-Re-179



32

Incident Energy (MeV)

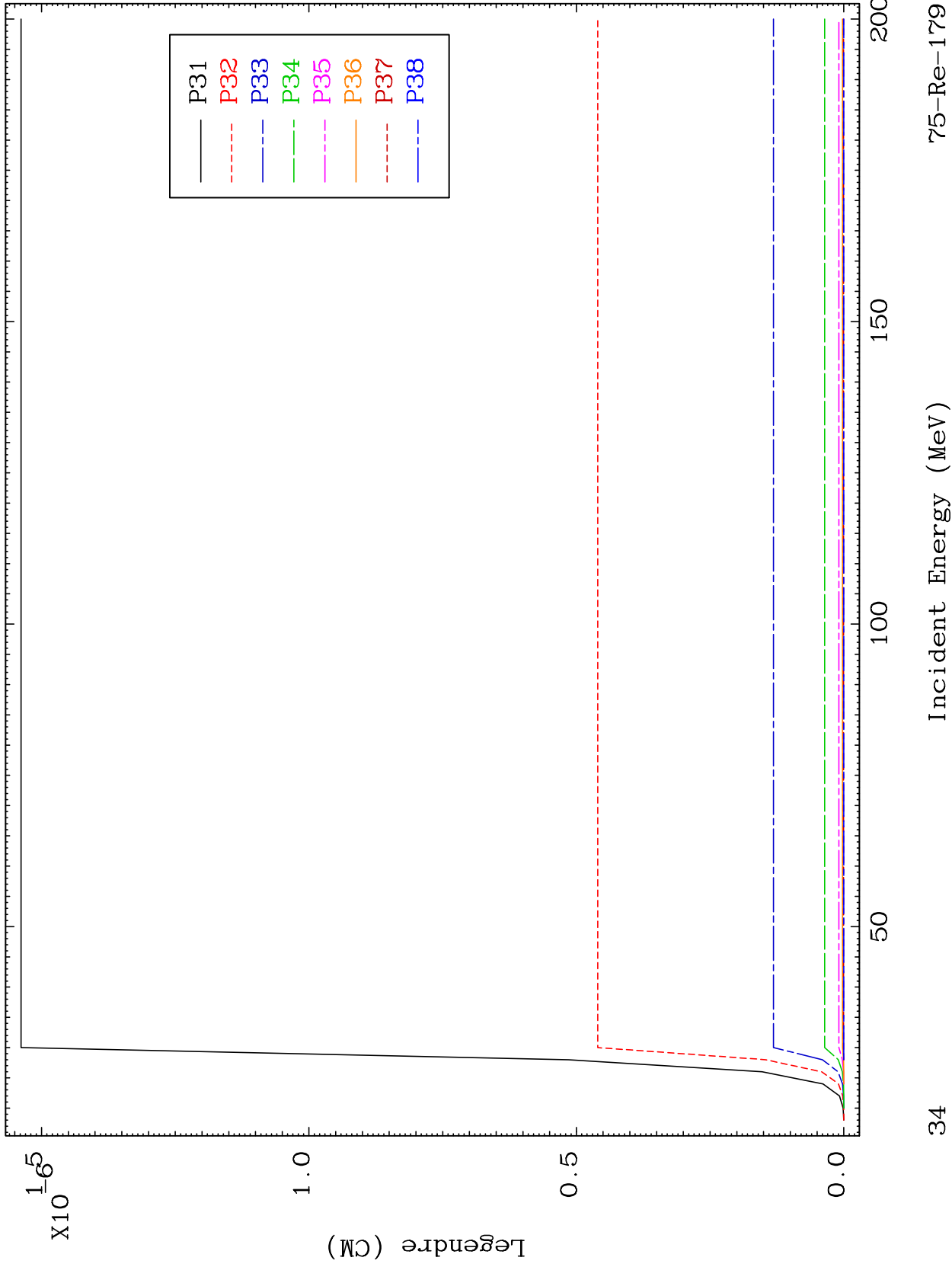
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MAT 7507

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

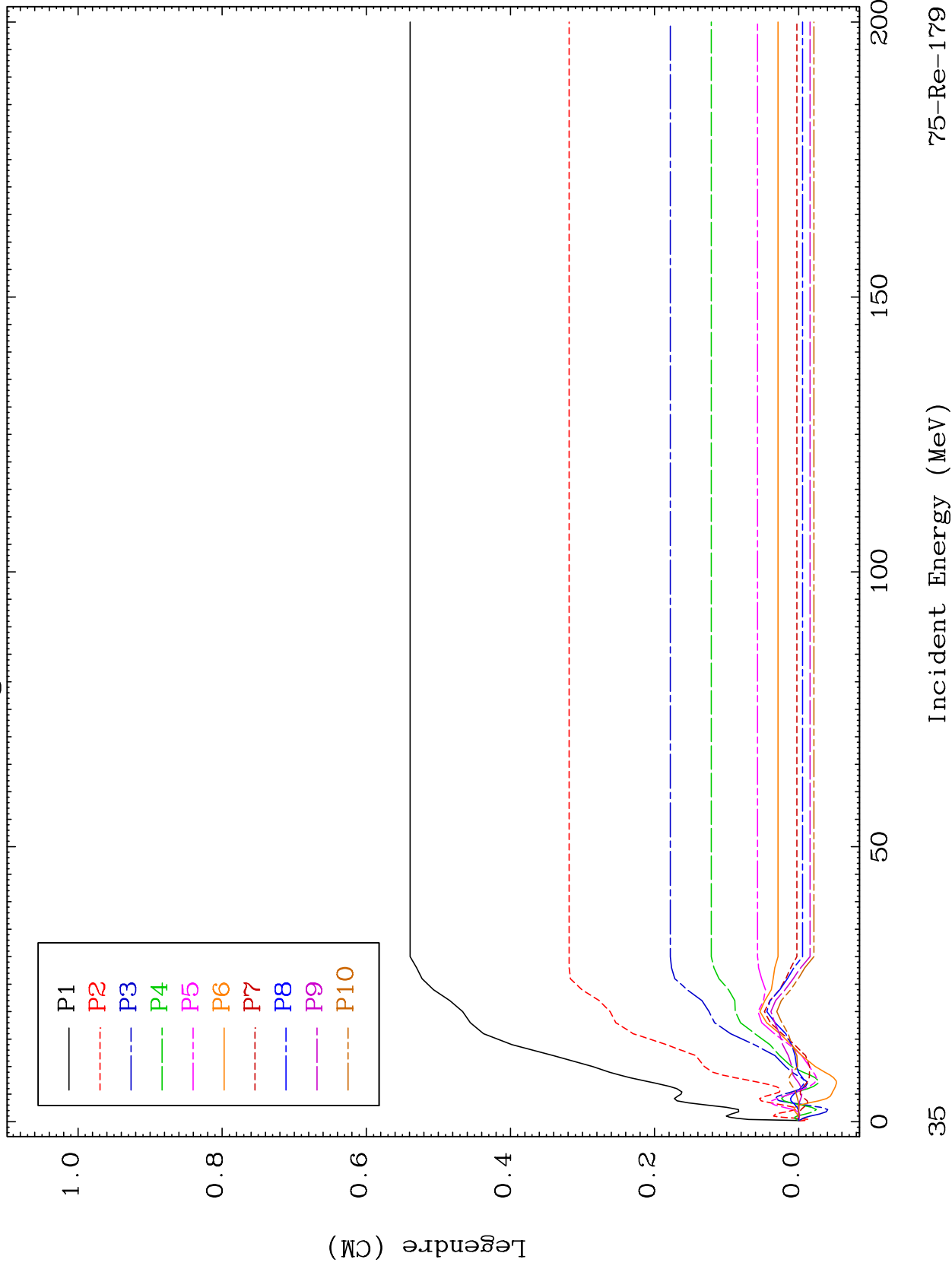
75-Re-179



MAT 7507

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

75-Re-179



75-Re-179

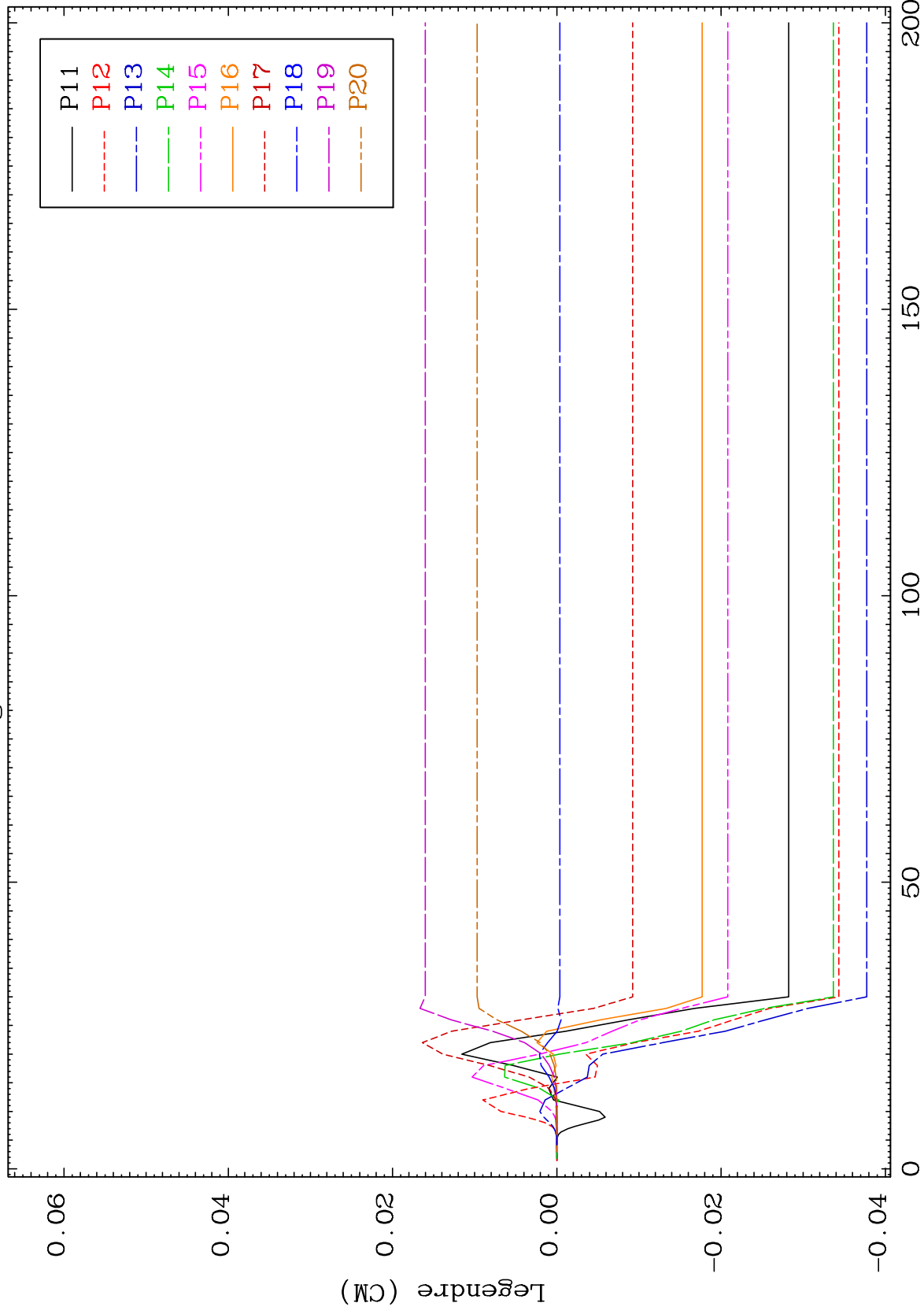
Incident Energy (MeV)

35

MAT 7507

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

75-Re-179



36

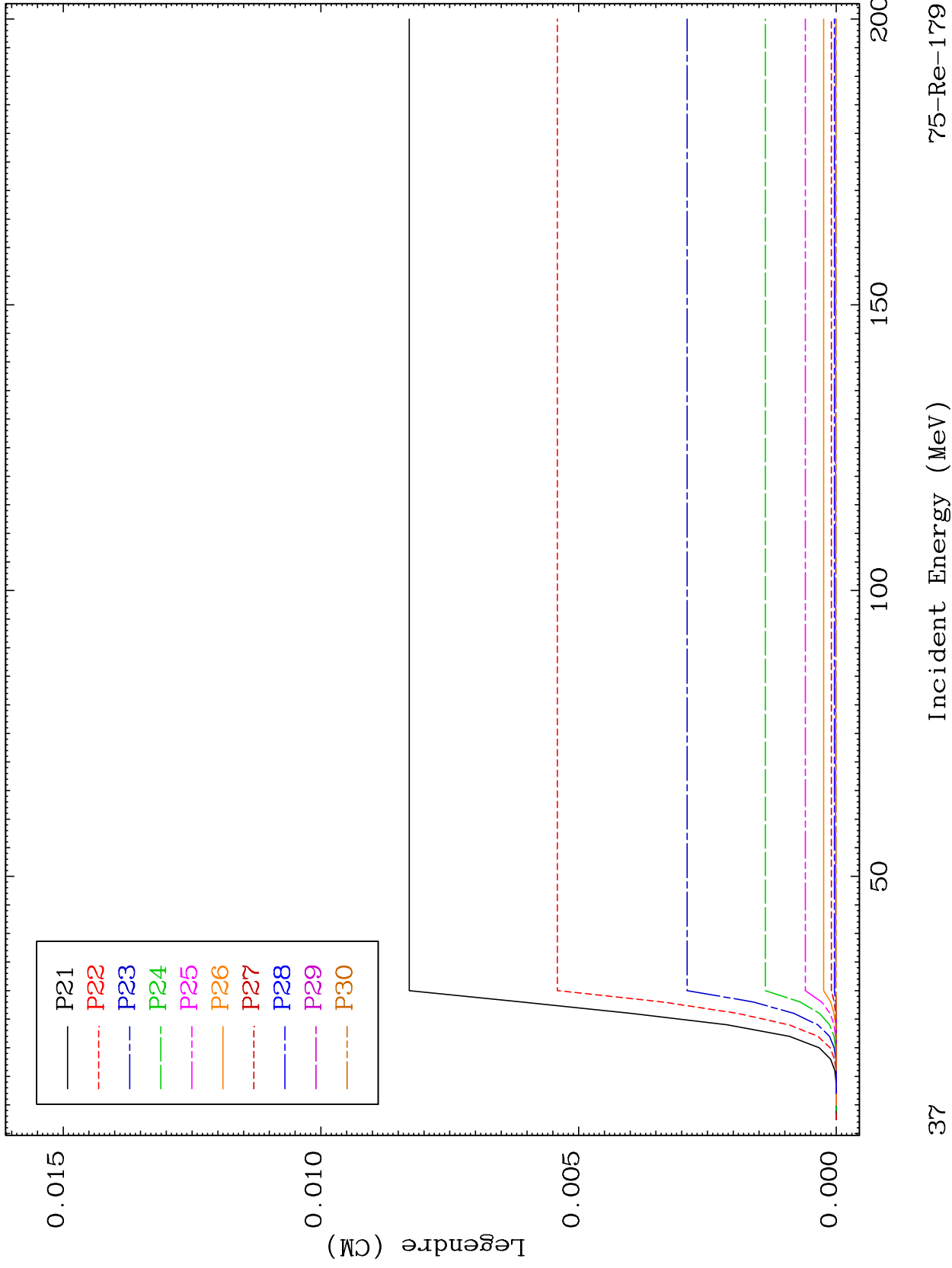
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



37

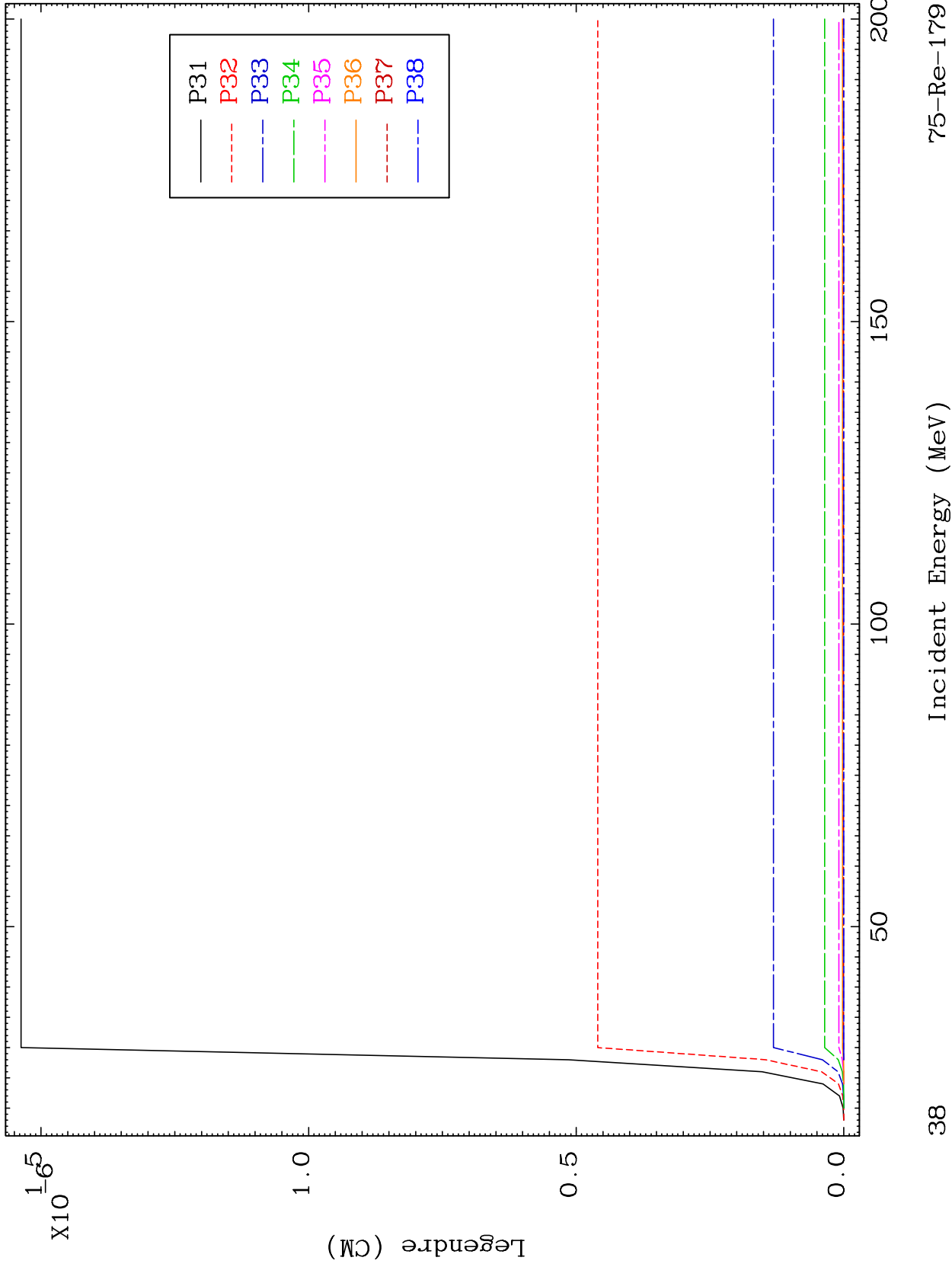
Incident Energy (MeV)

75-Re-179

MAT 7507

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

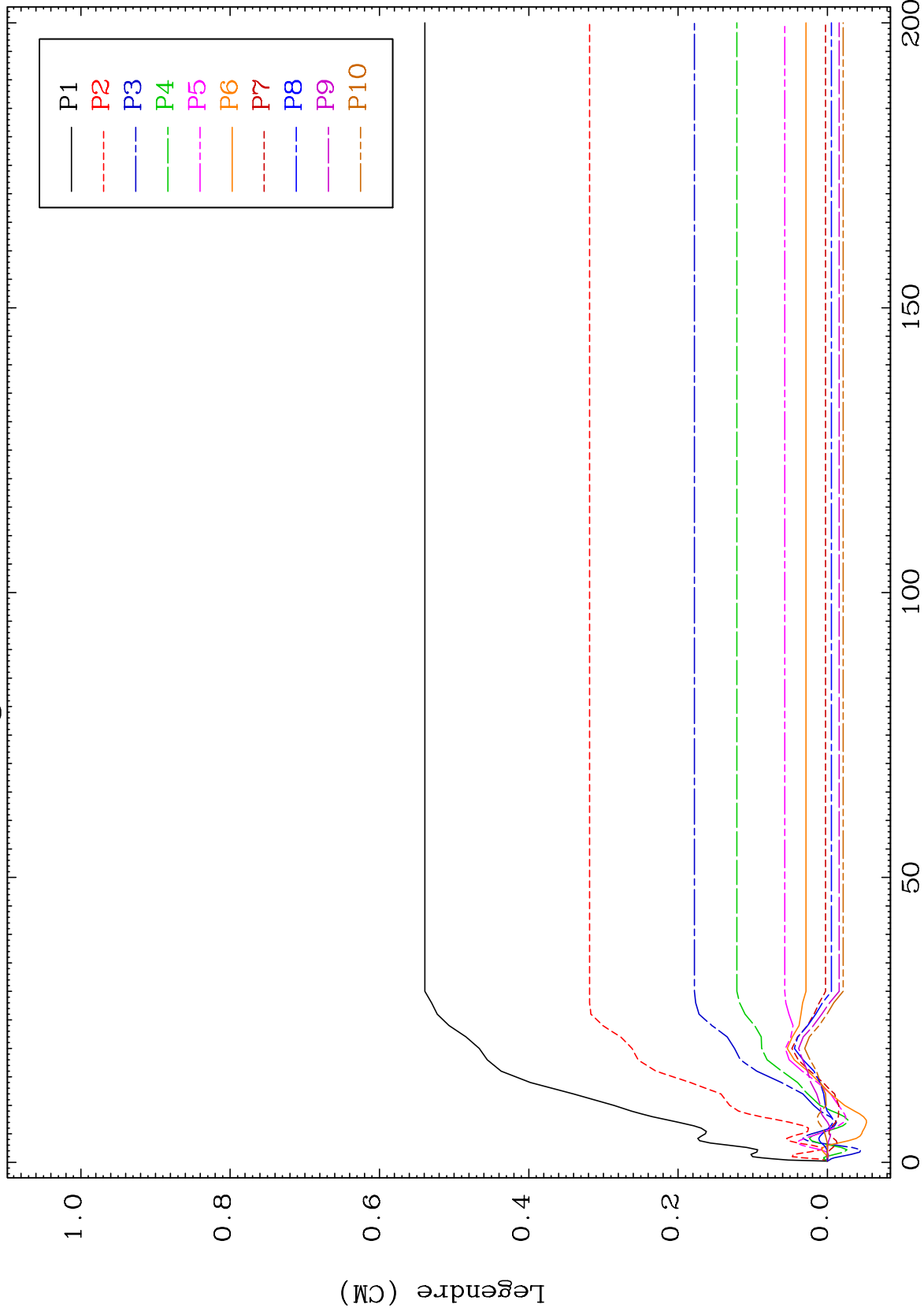
75-Re-179



MAT 7507

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

75-Re-179



39

Incident Energy (MeV)

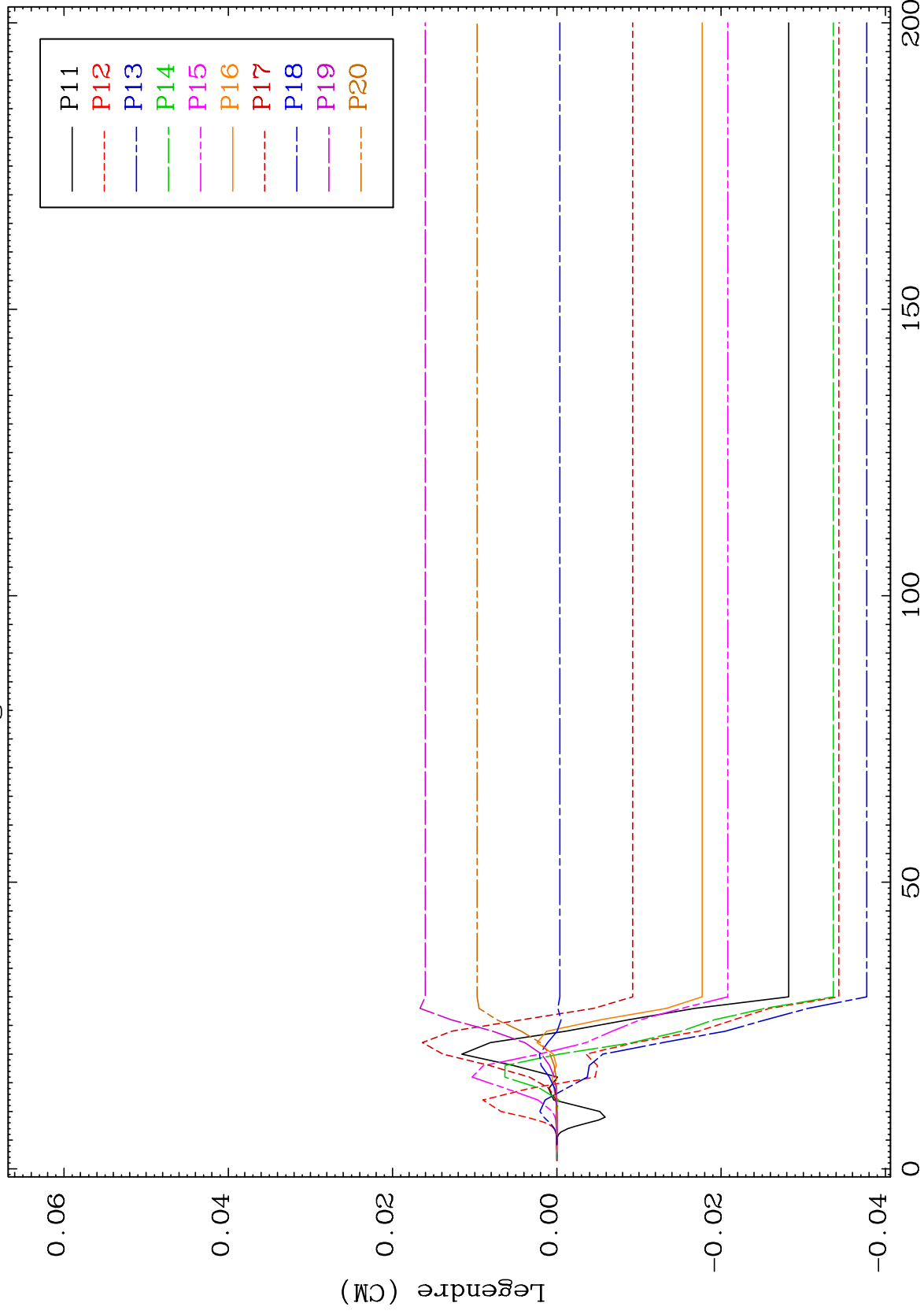
75-Re-179



MAT 7507

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

75-Re-179



40

0

50

100

150

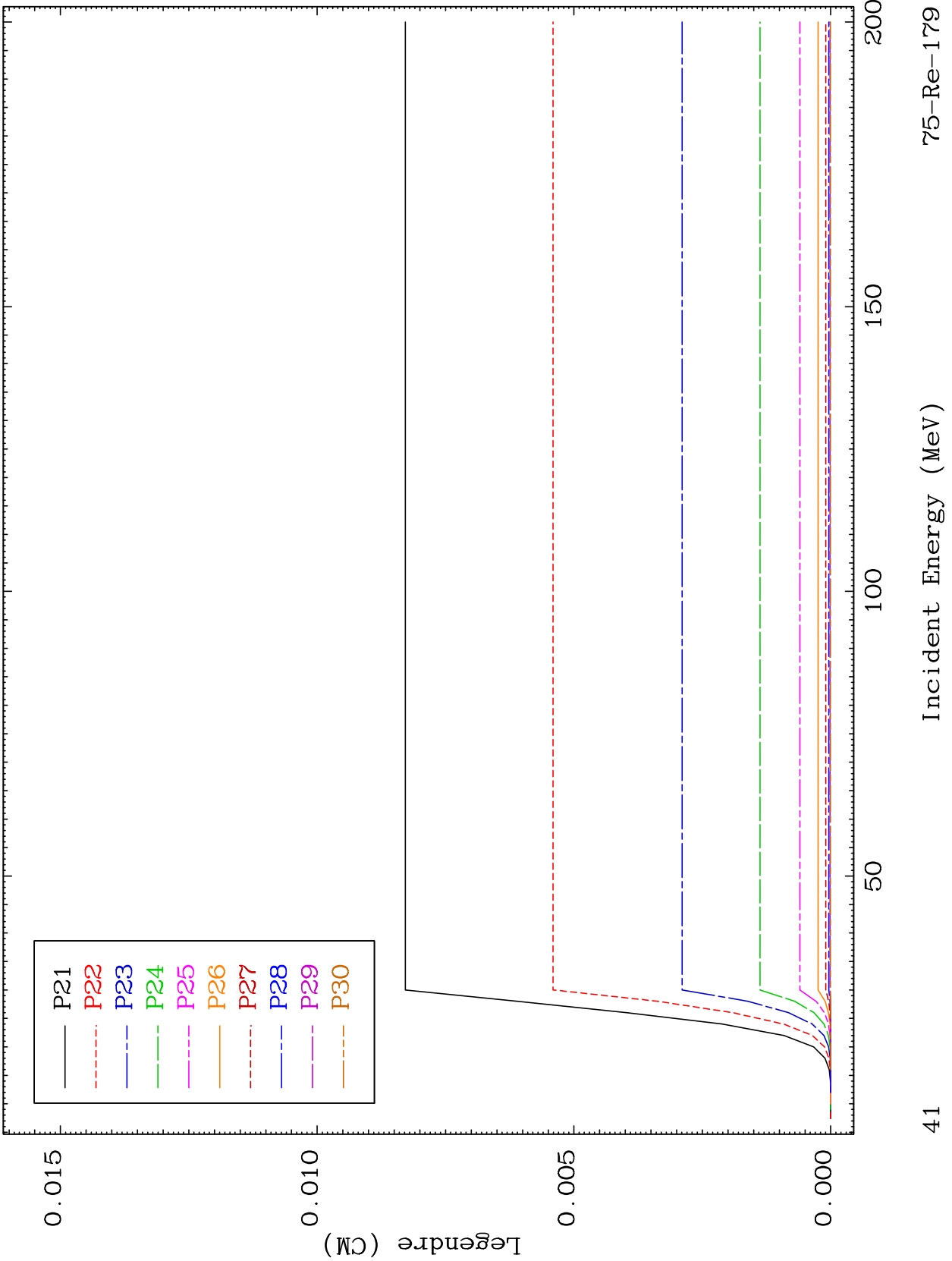
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75-Re-179

MAT 7507

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

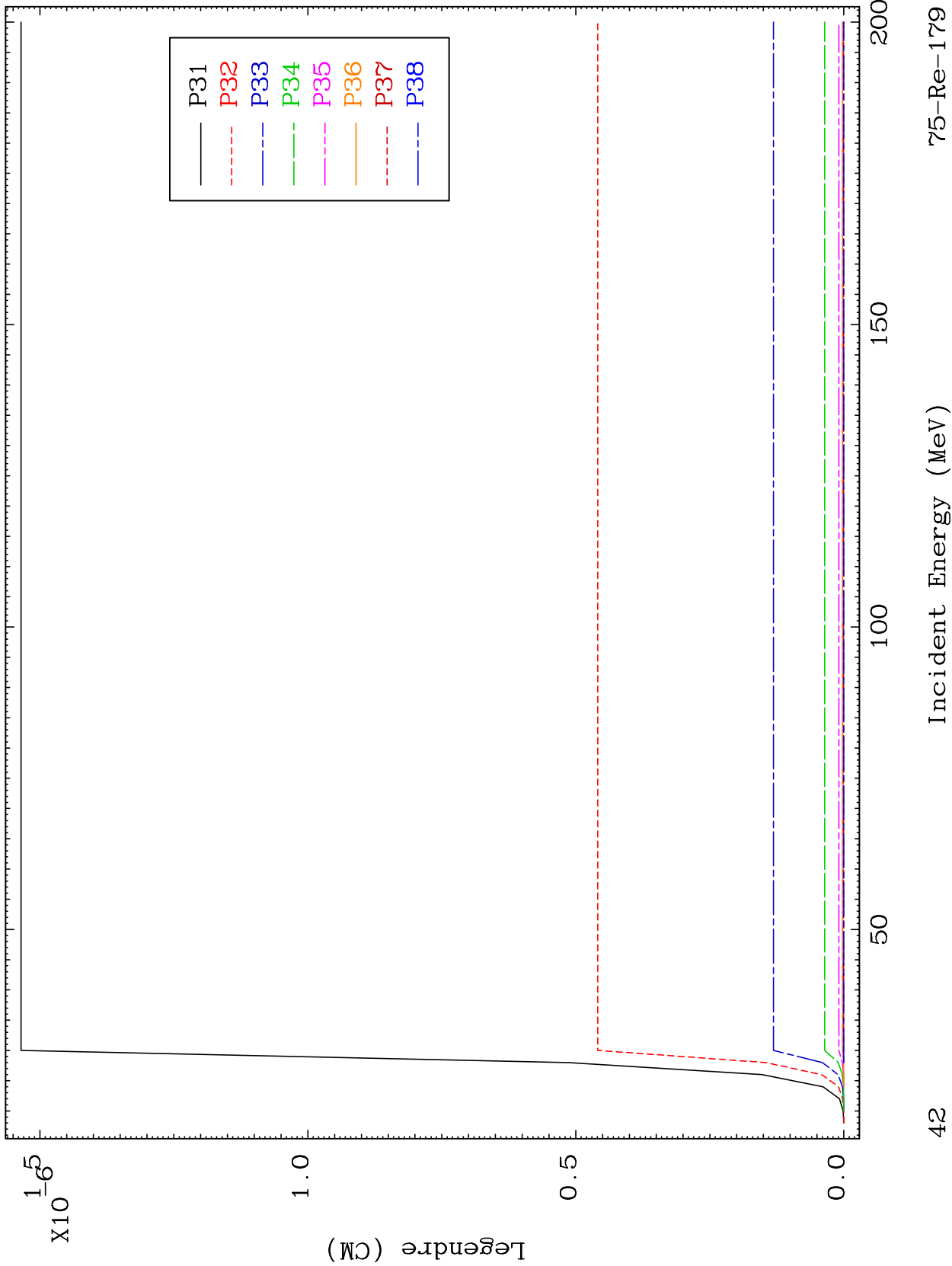
75-Re-179



MAT 7507

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

75-Re-179



42

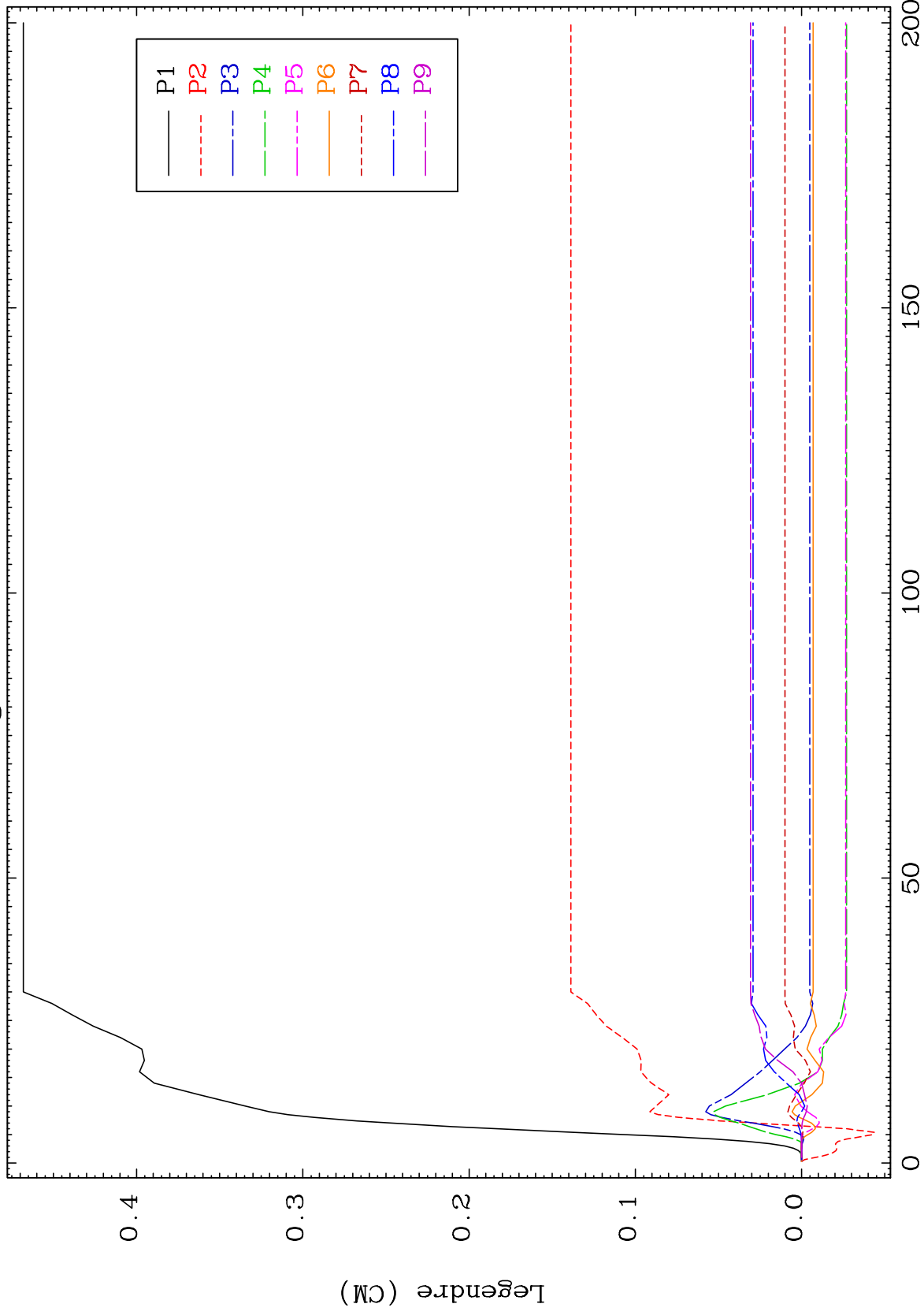
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



43

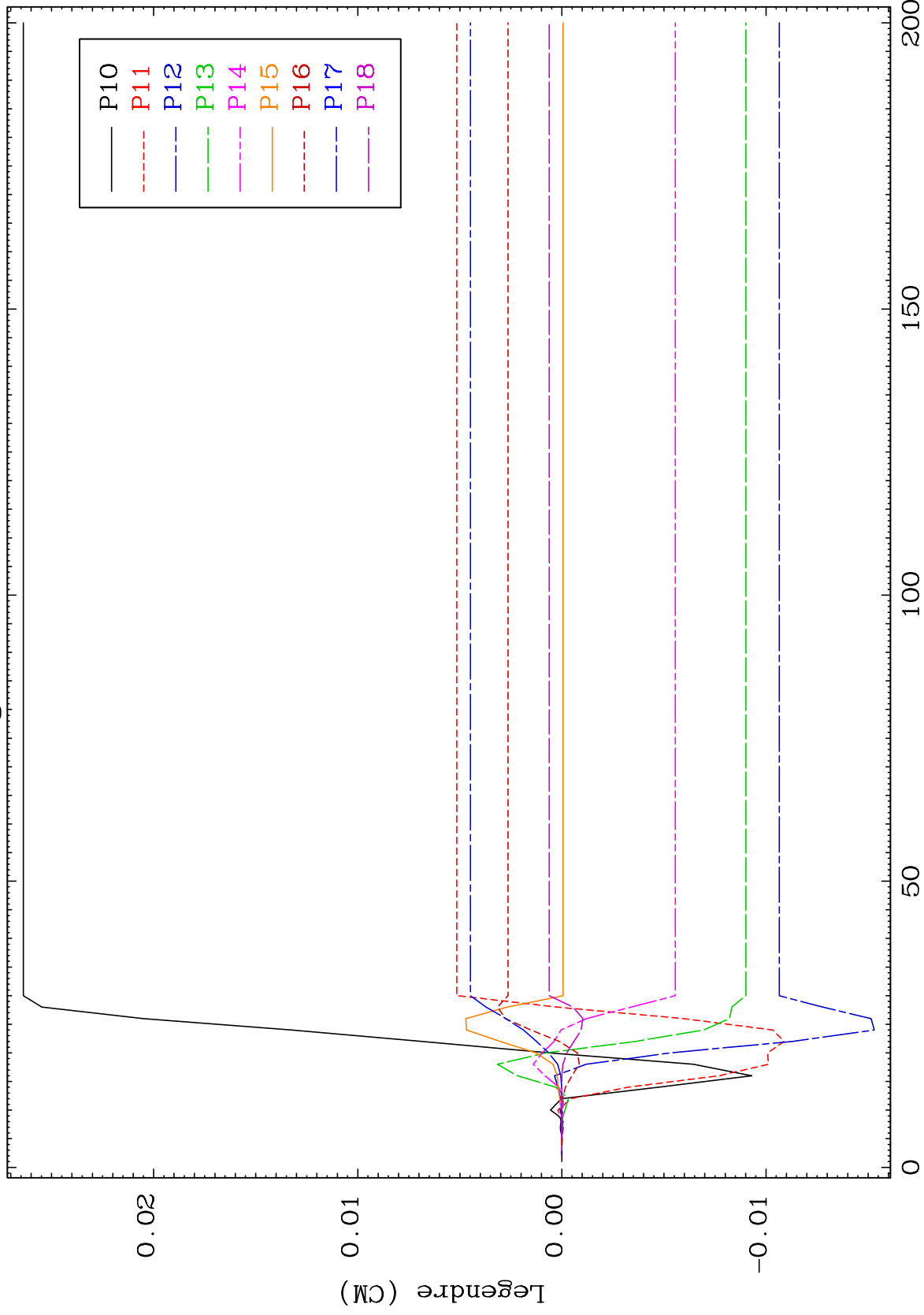
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



44

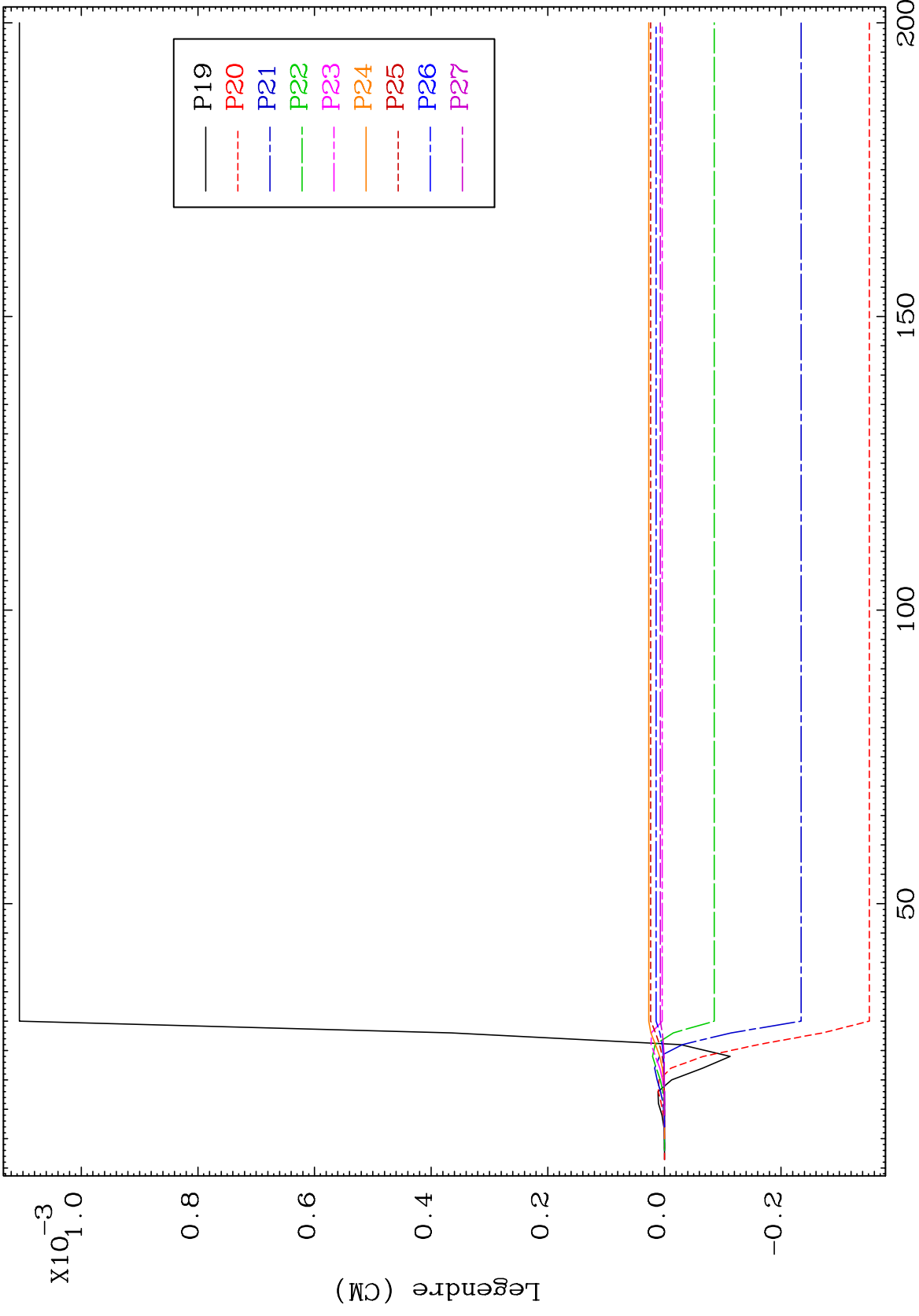
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



45

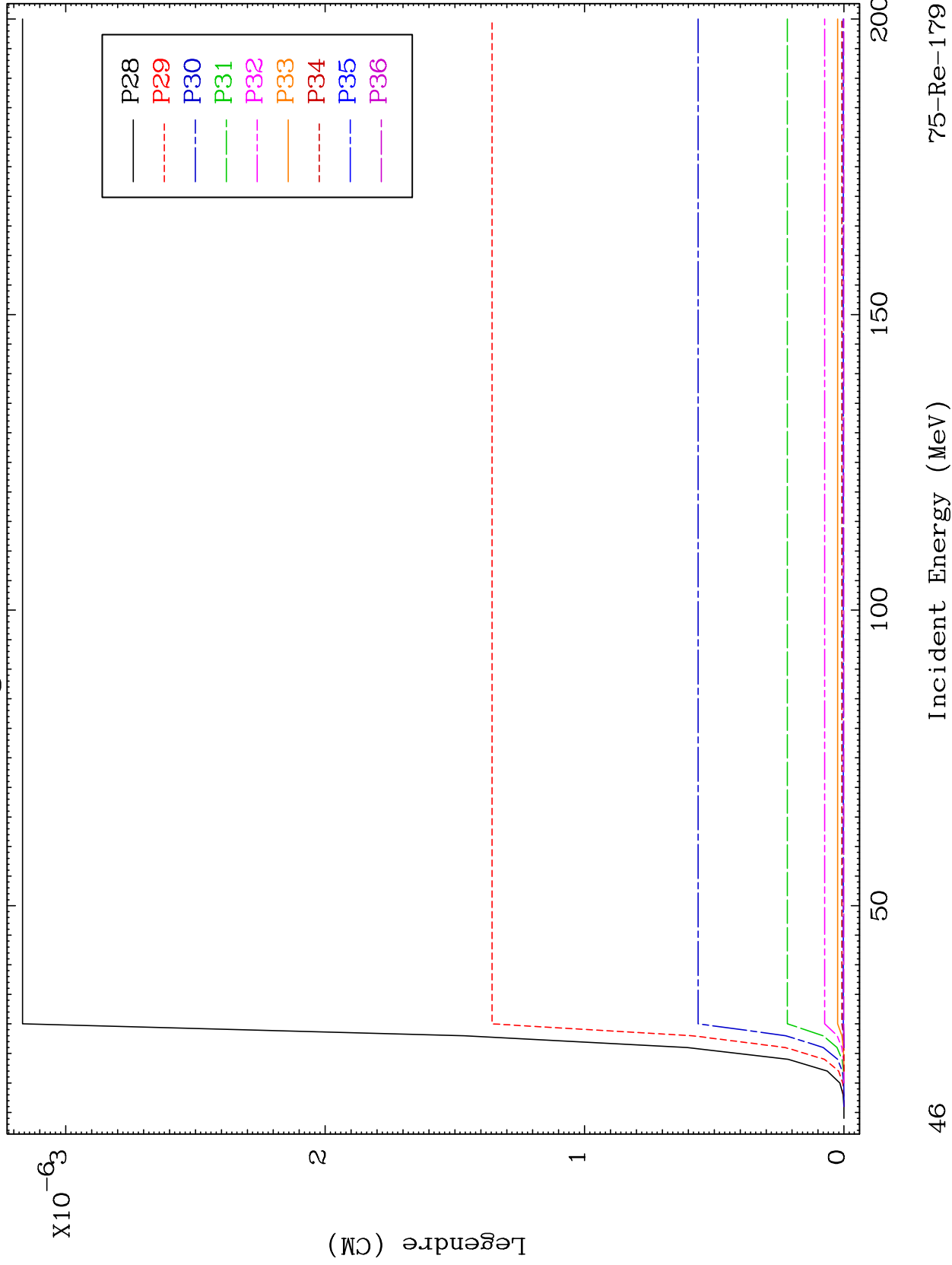
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



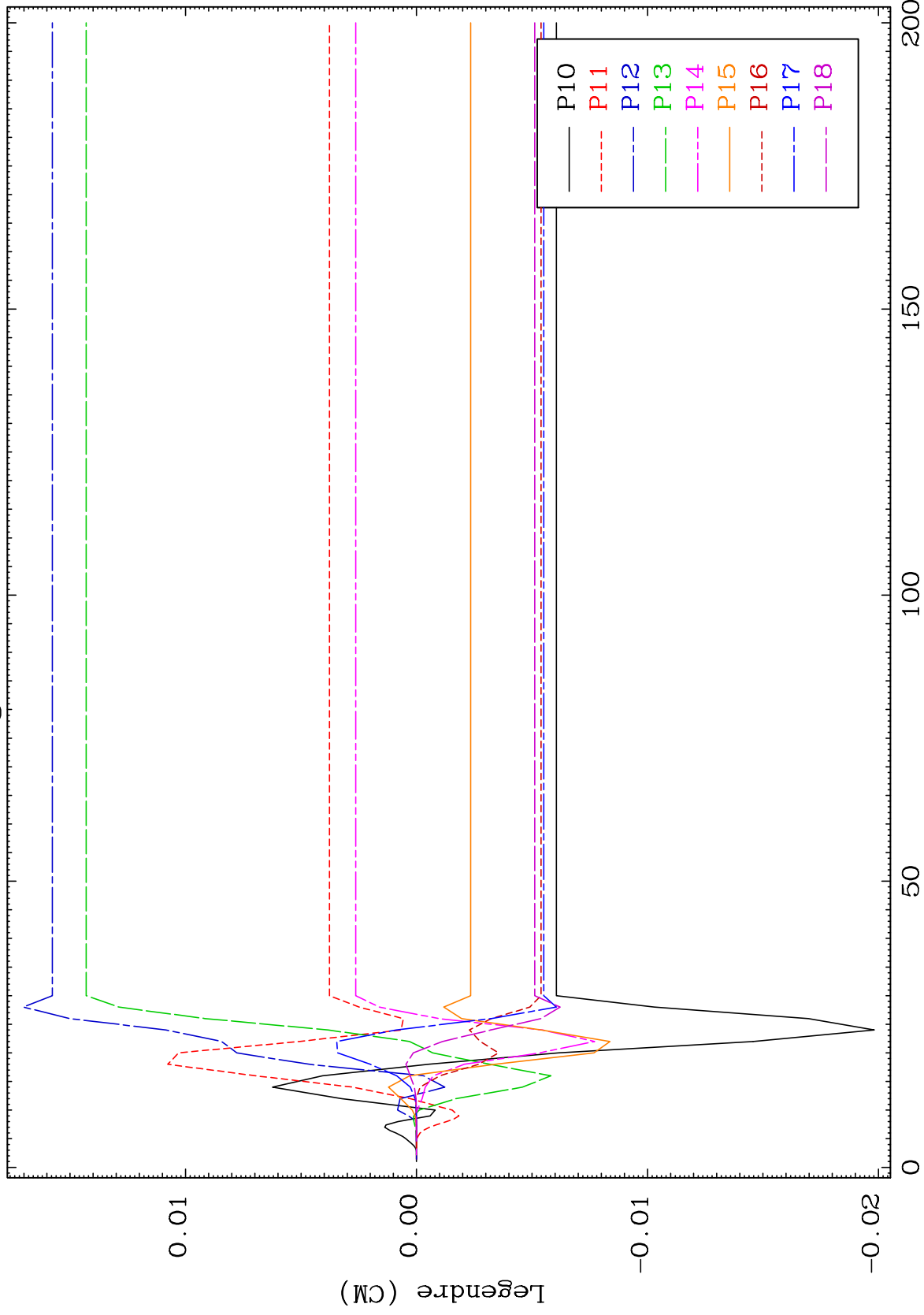




MAT 7507

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

75-Re-179



48

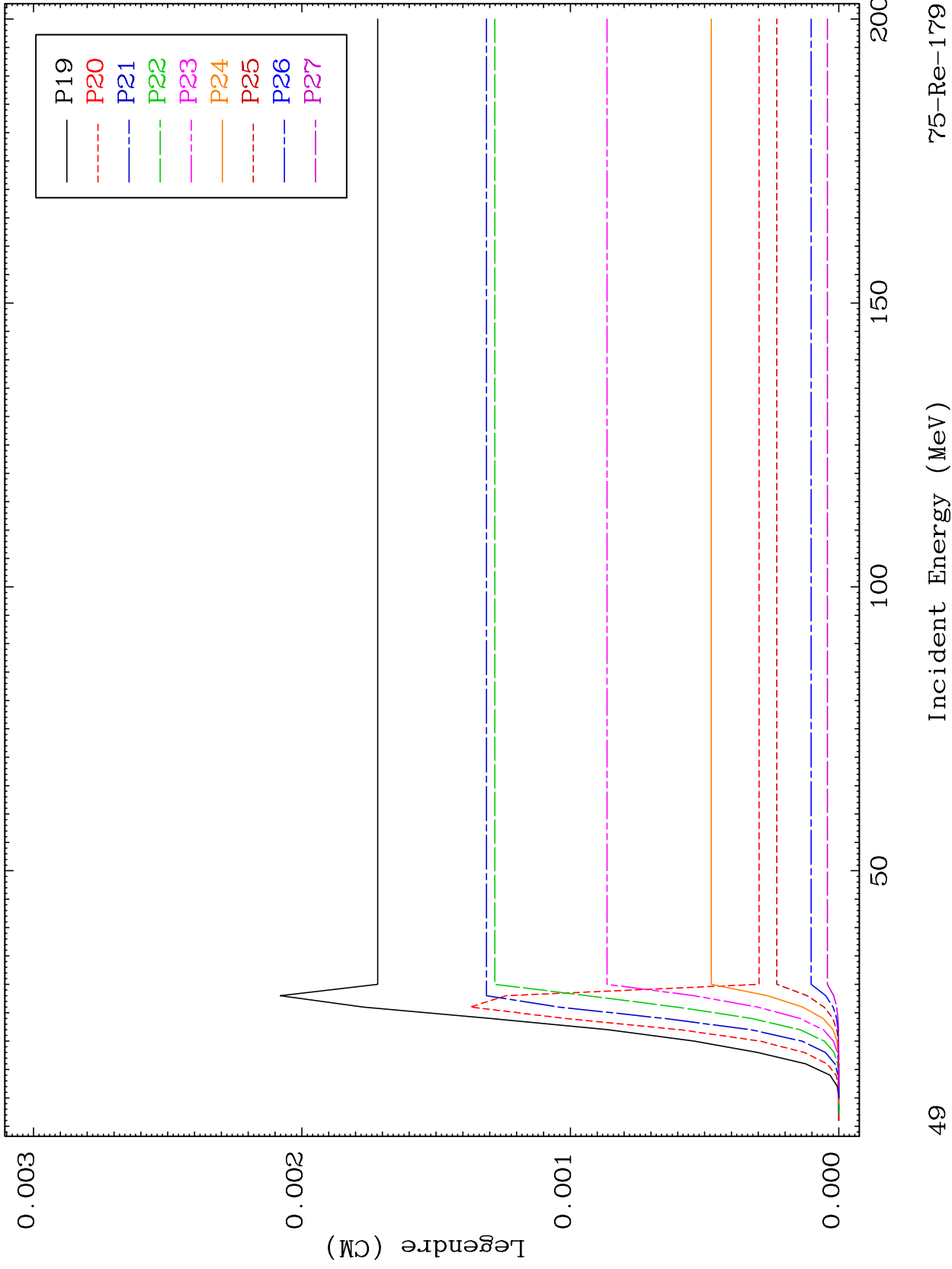
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



49

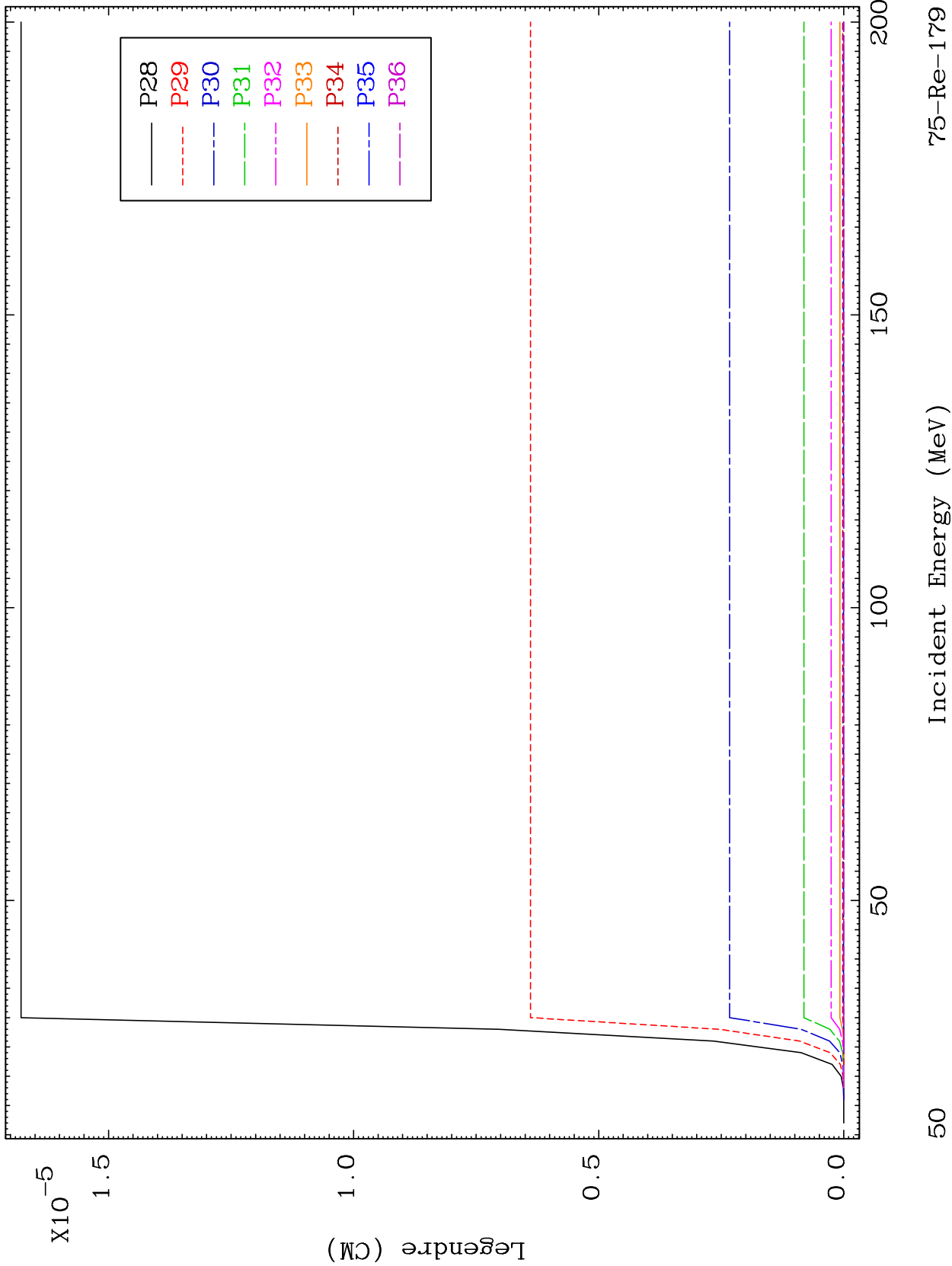
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179

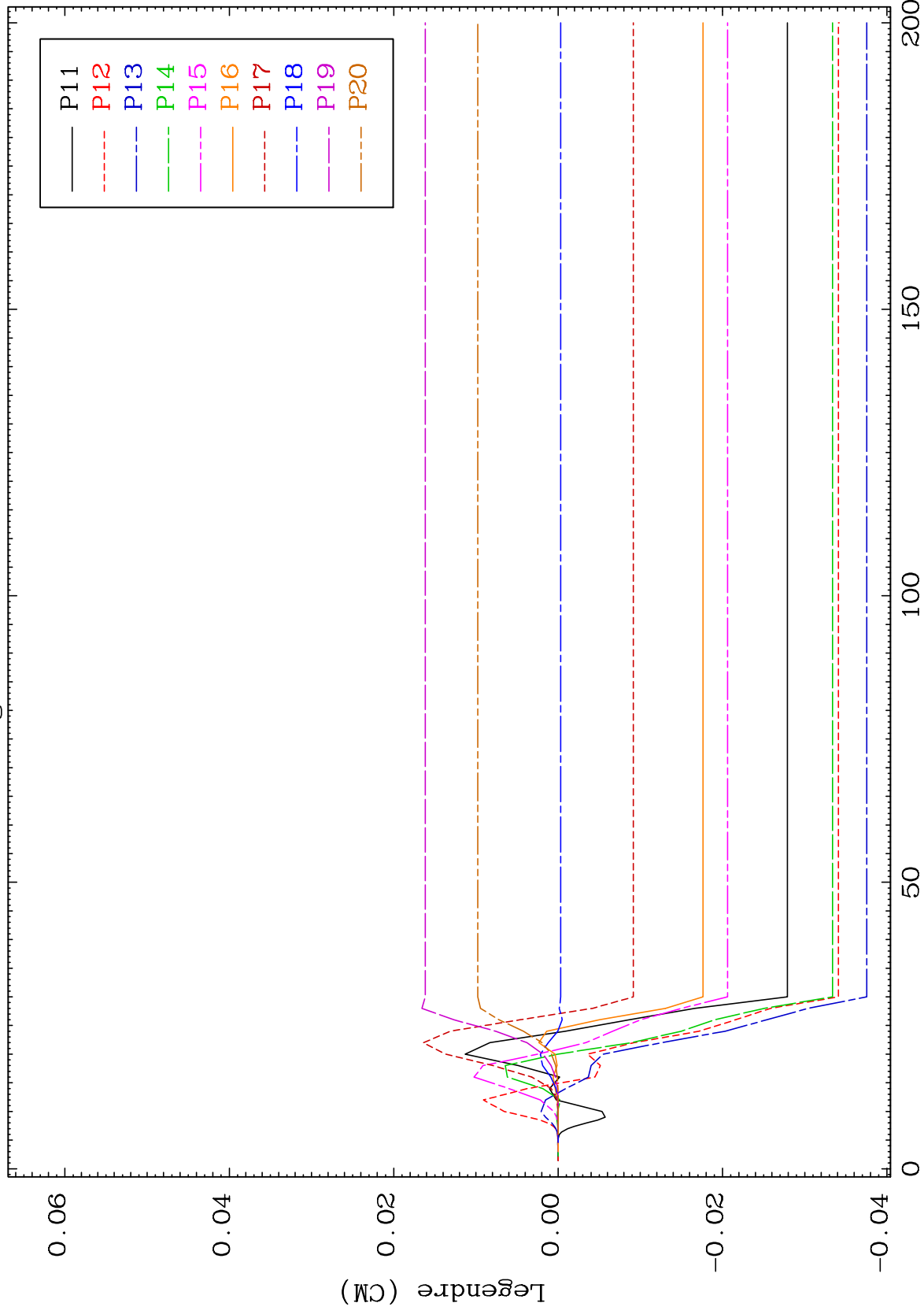




MAT 7507

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

75-Re-179



52

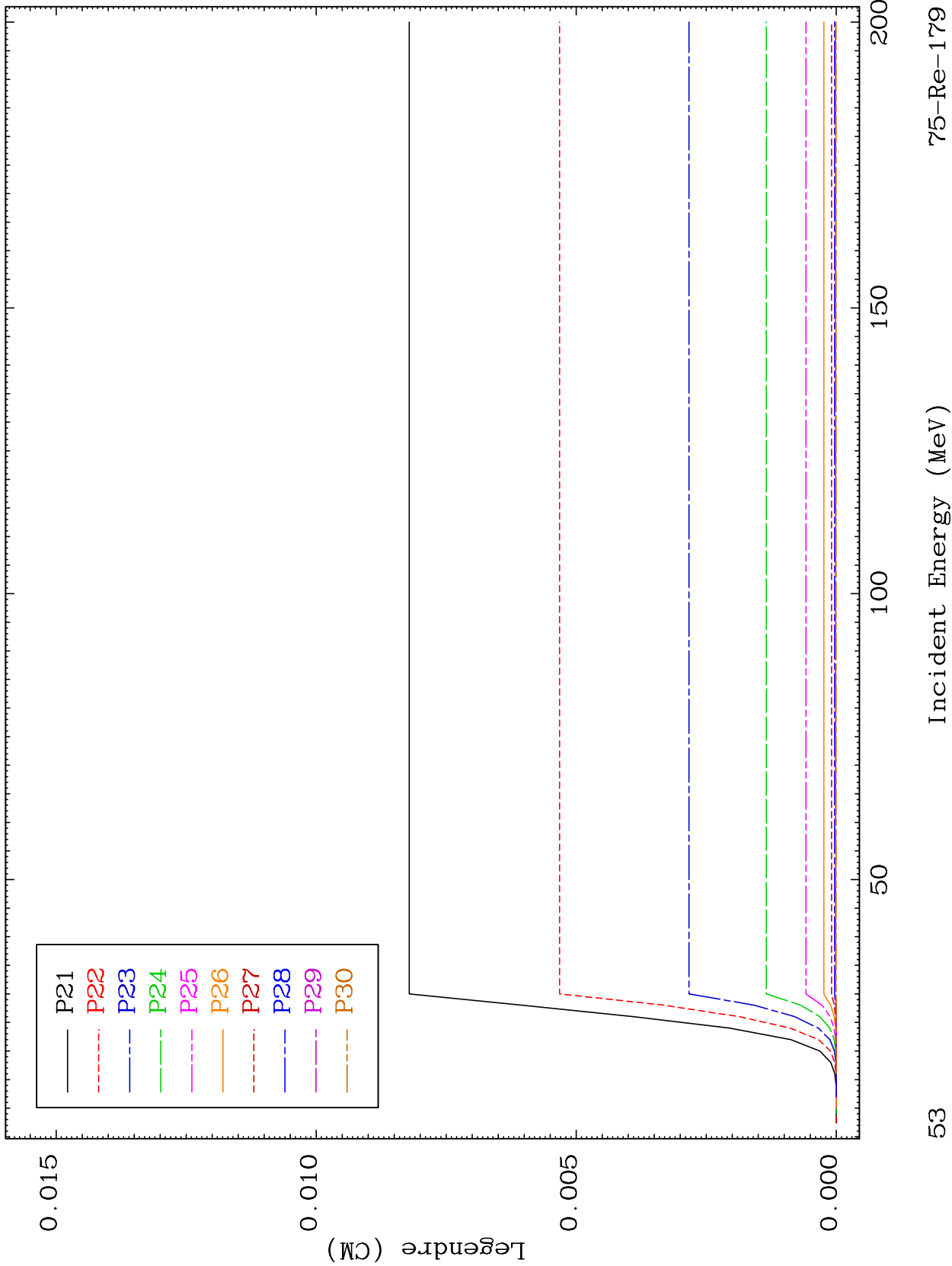
Incident Energy (MeV)

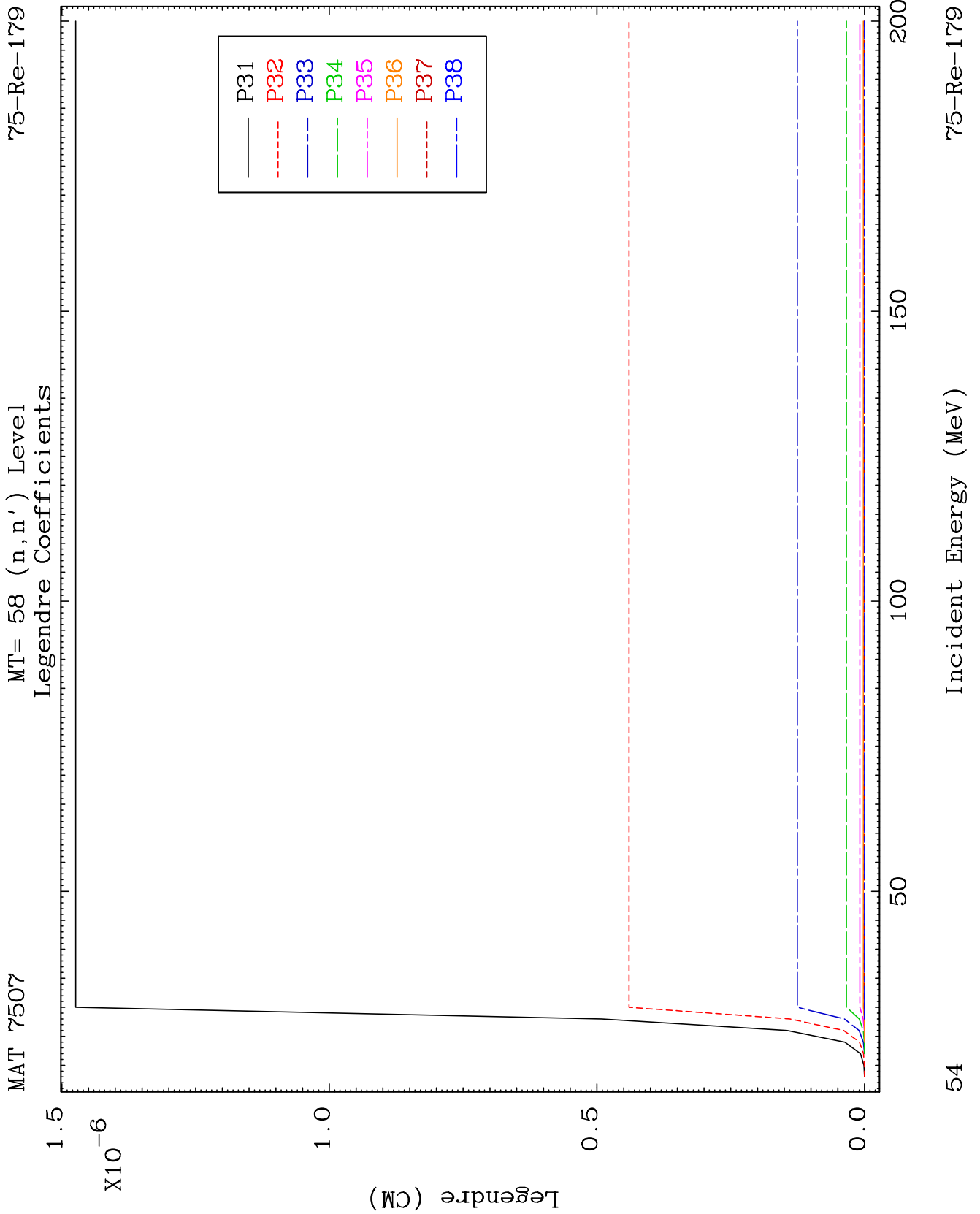
75-Re-179

MAT 7507

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

75-Re-179

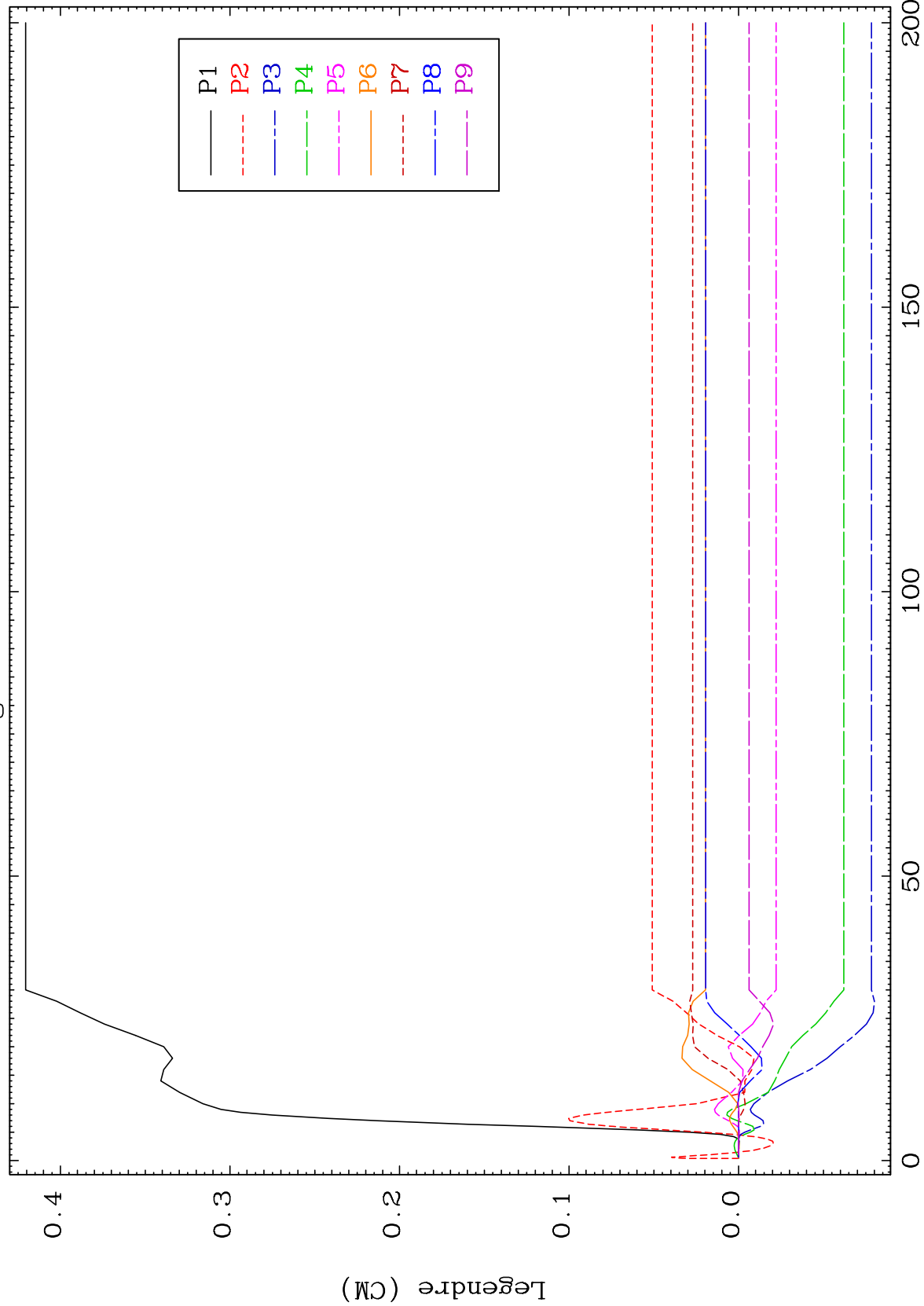




MAT 7507

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

75-Re-179



75-Re-179

Incident Energy (MeV)

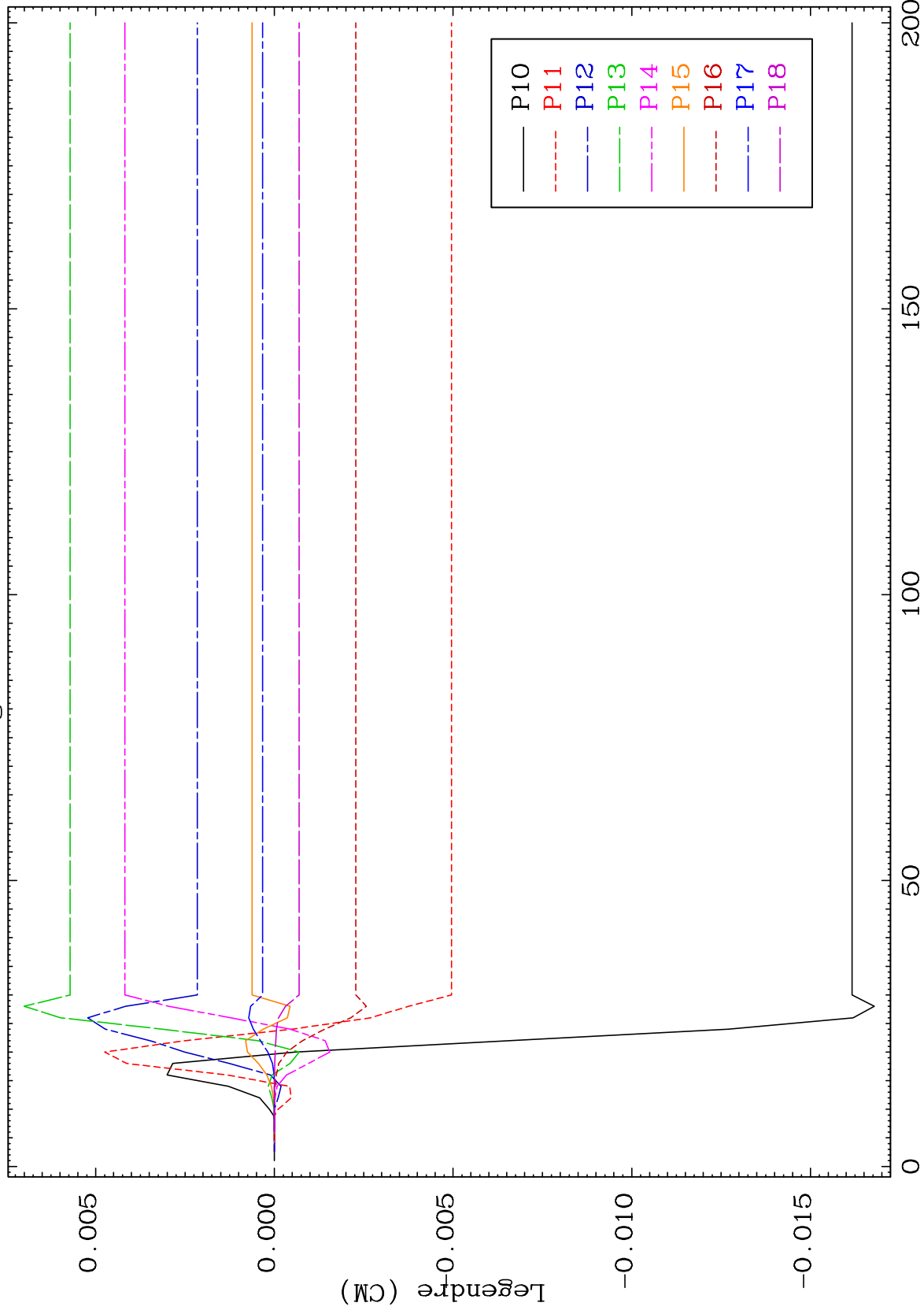
55



MAT 7507

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

75-Re-179



56

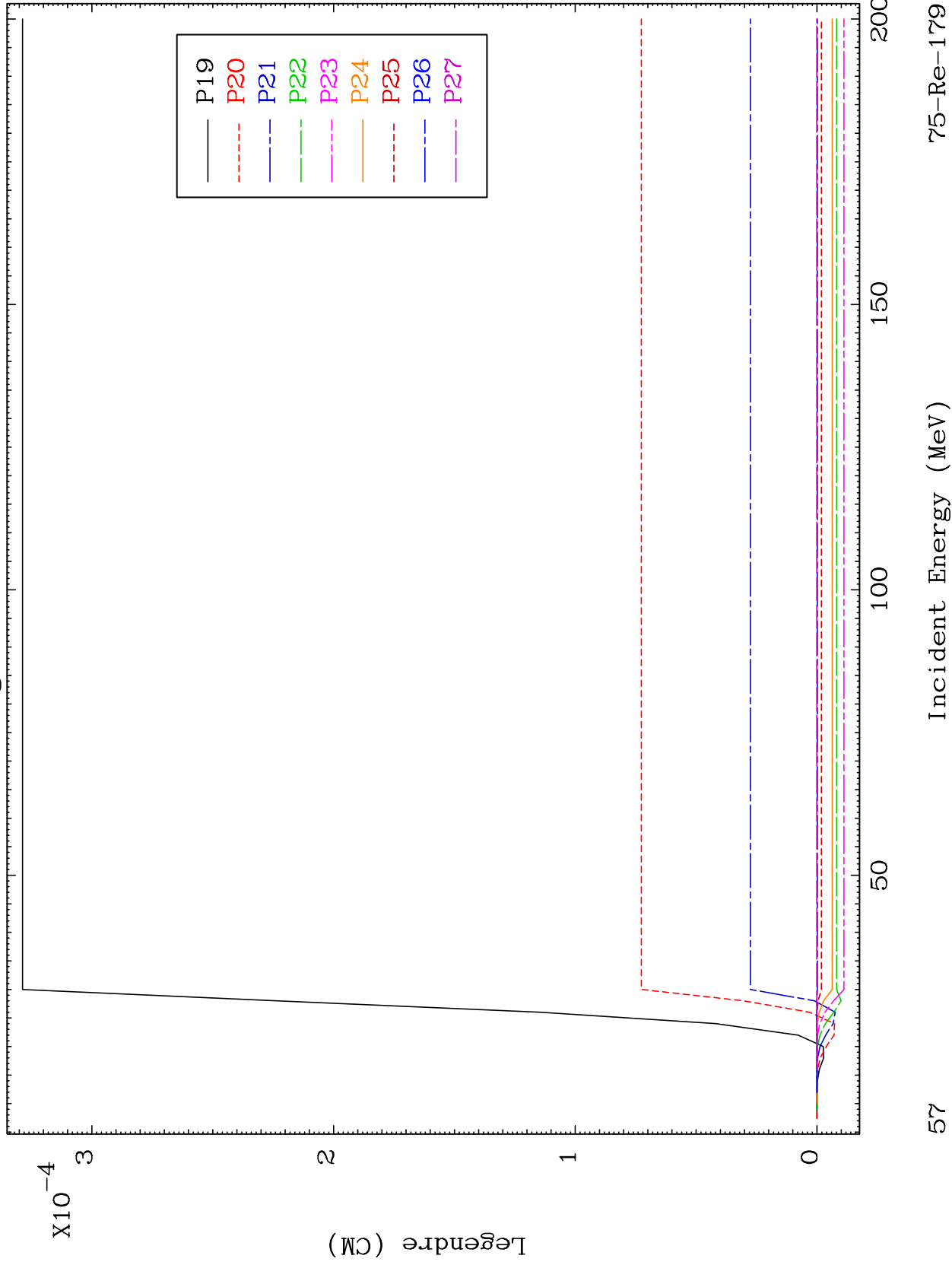
Incident Energy (MeV)

75-Re-179

MAT 7507

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

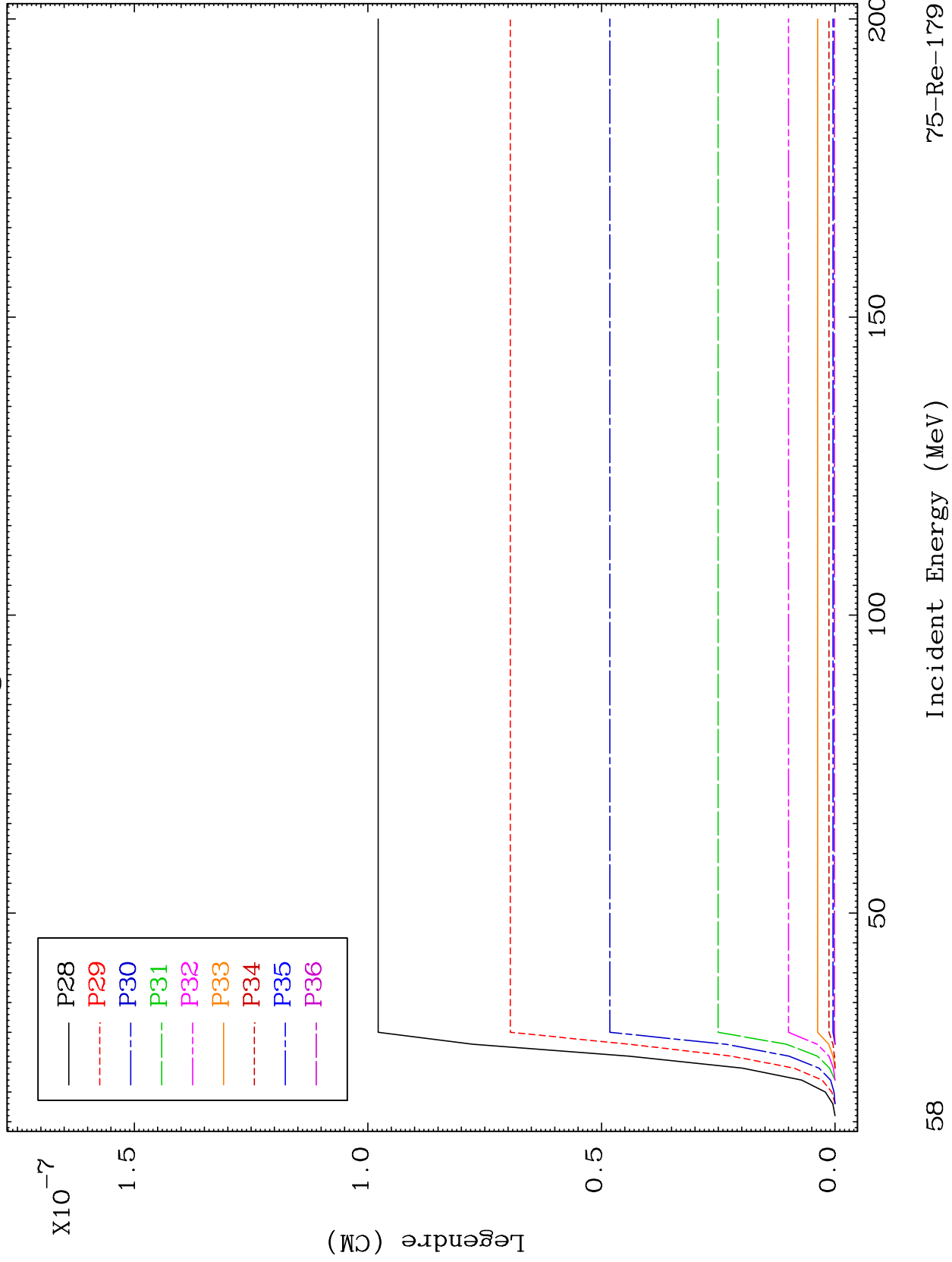
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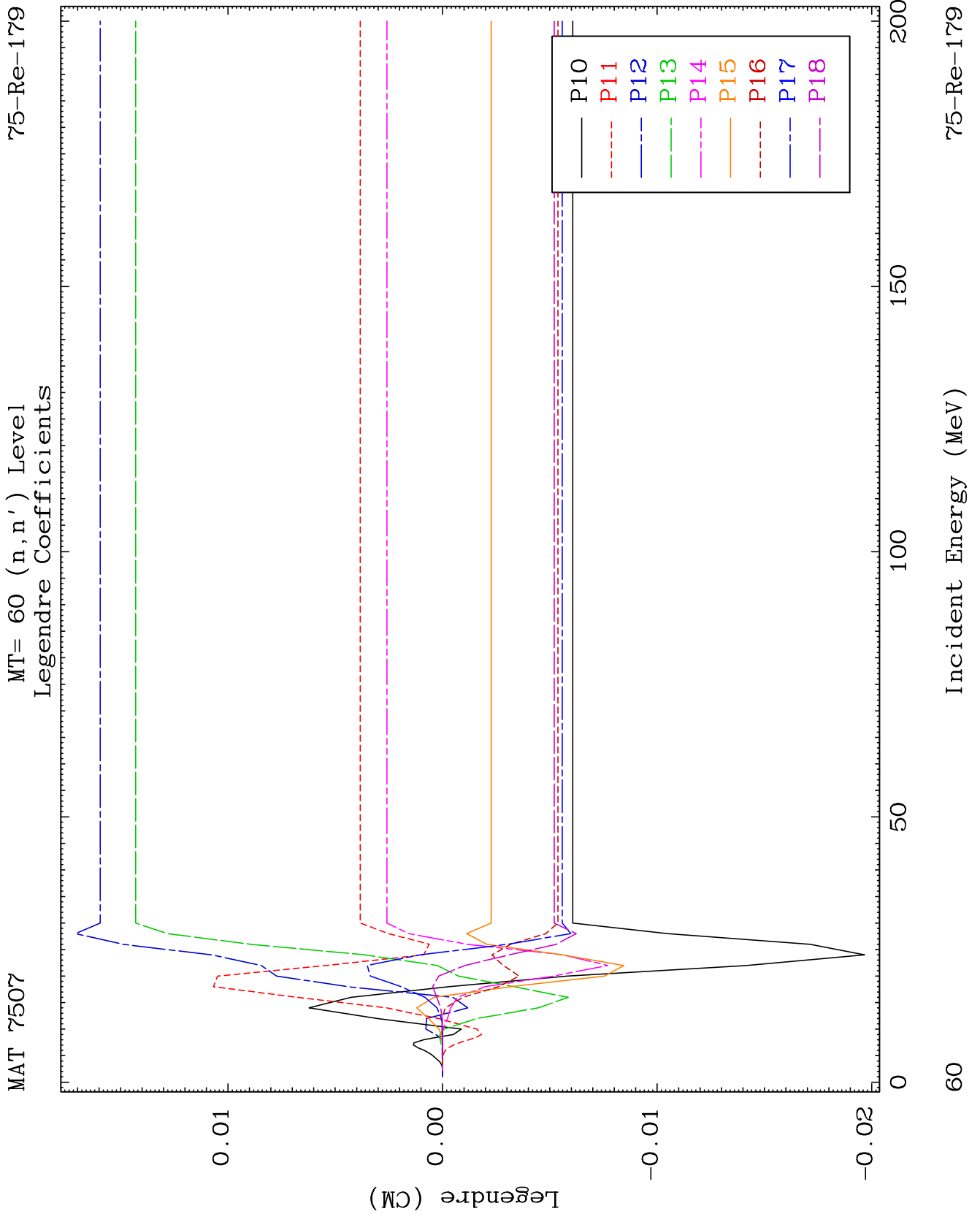
MAT 7507

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

75-Re-179



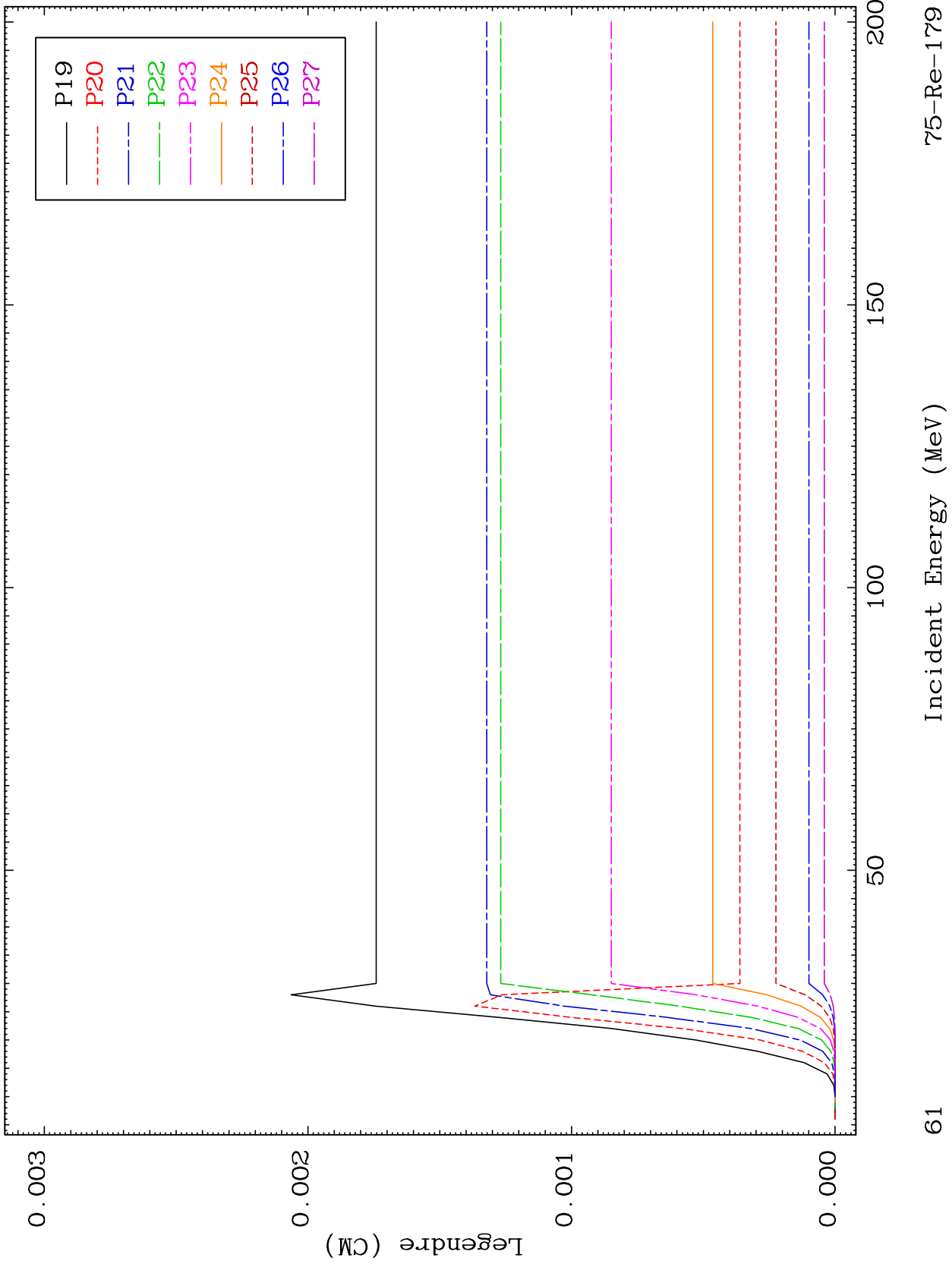




MAT 7507

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

75-Re-179



61

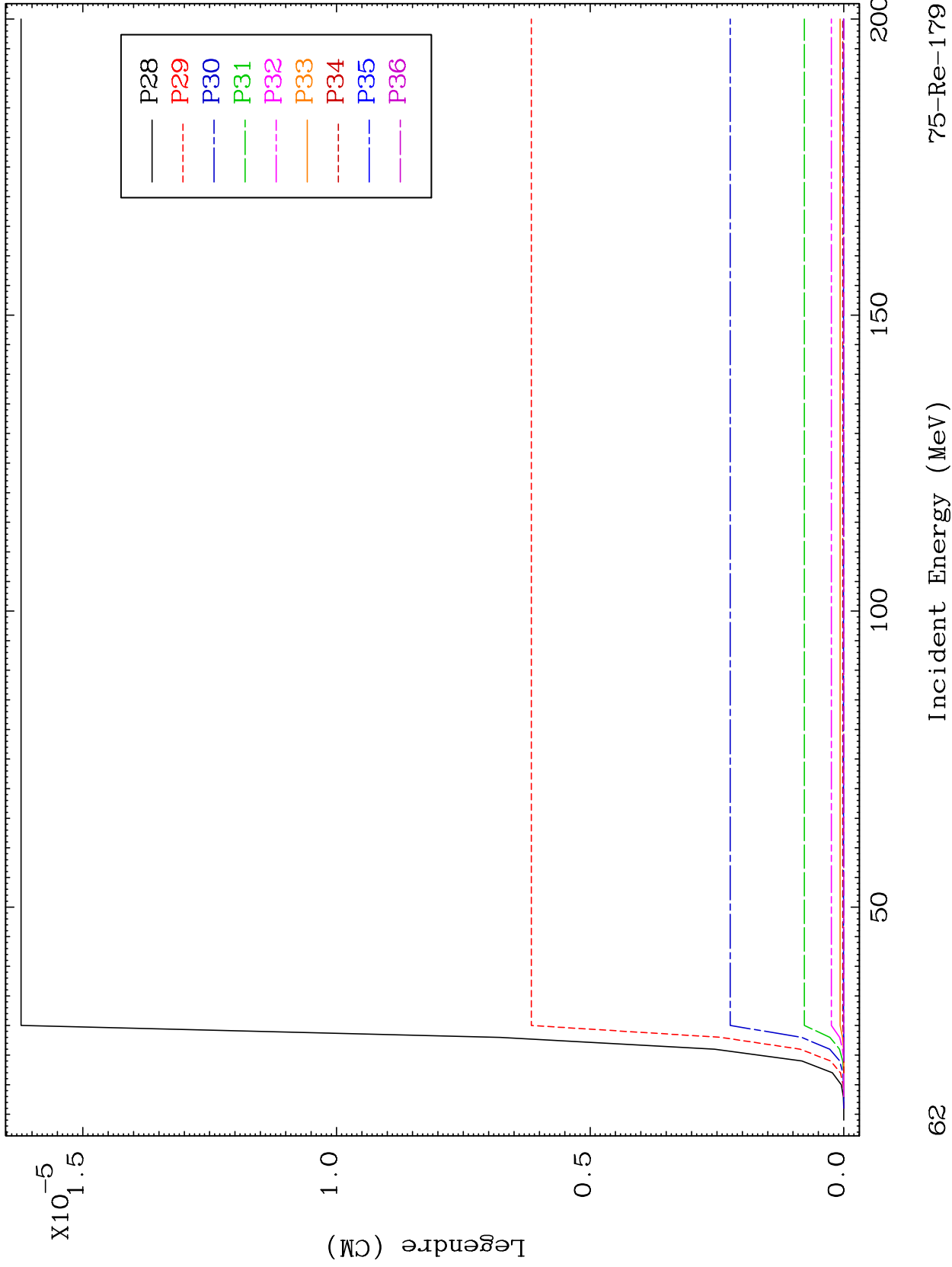
Incident Energy (MeV)

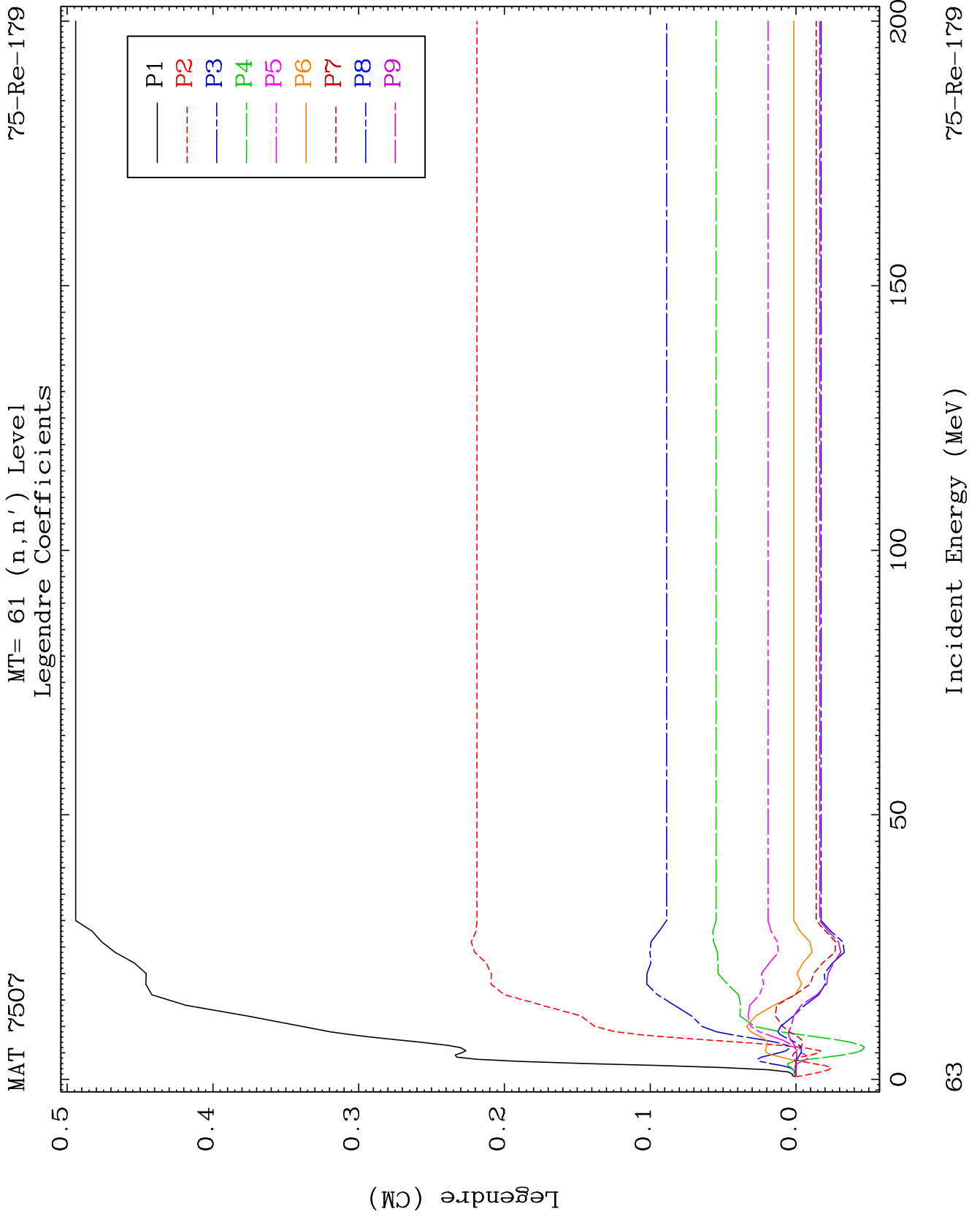
75-Re-179

MAT 7507

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

75-Re-179



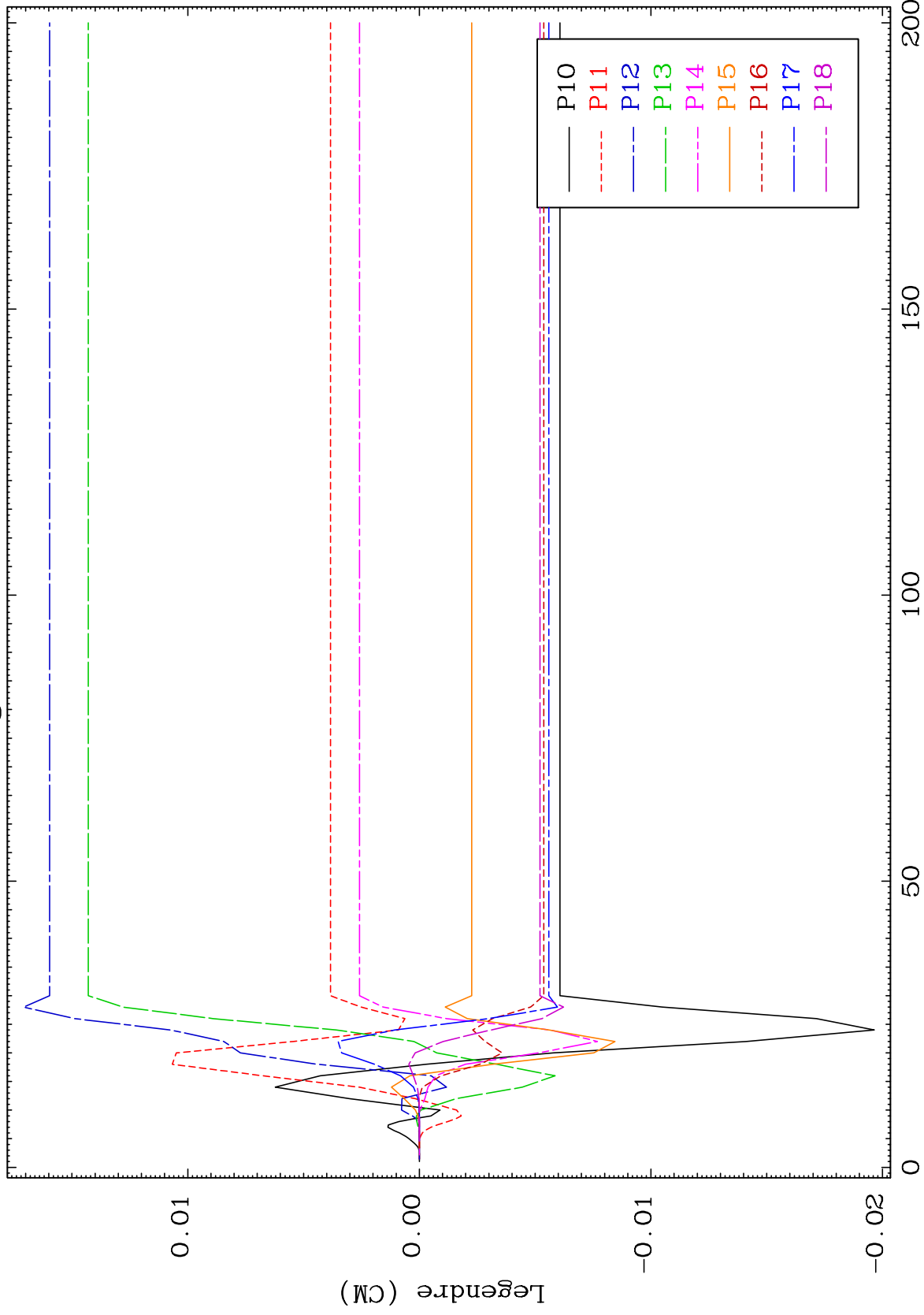




MAT 7507

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

75-Re-179



Incident Energy (MeV)

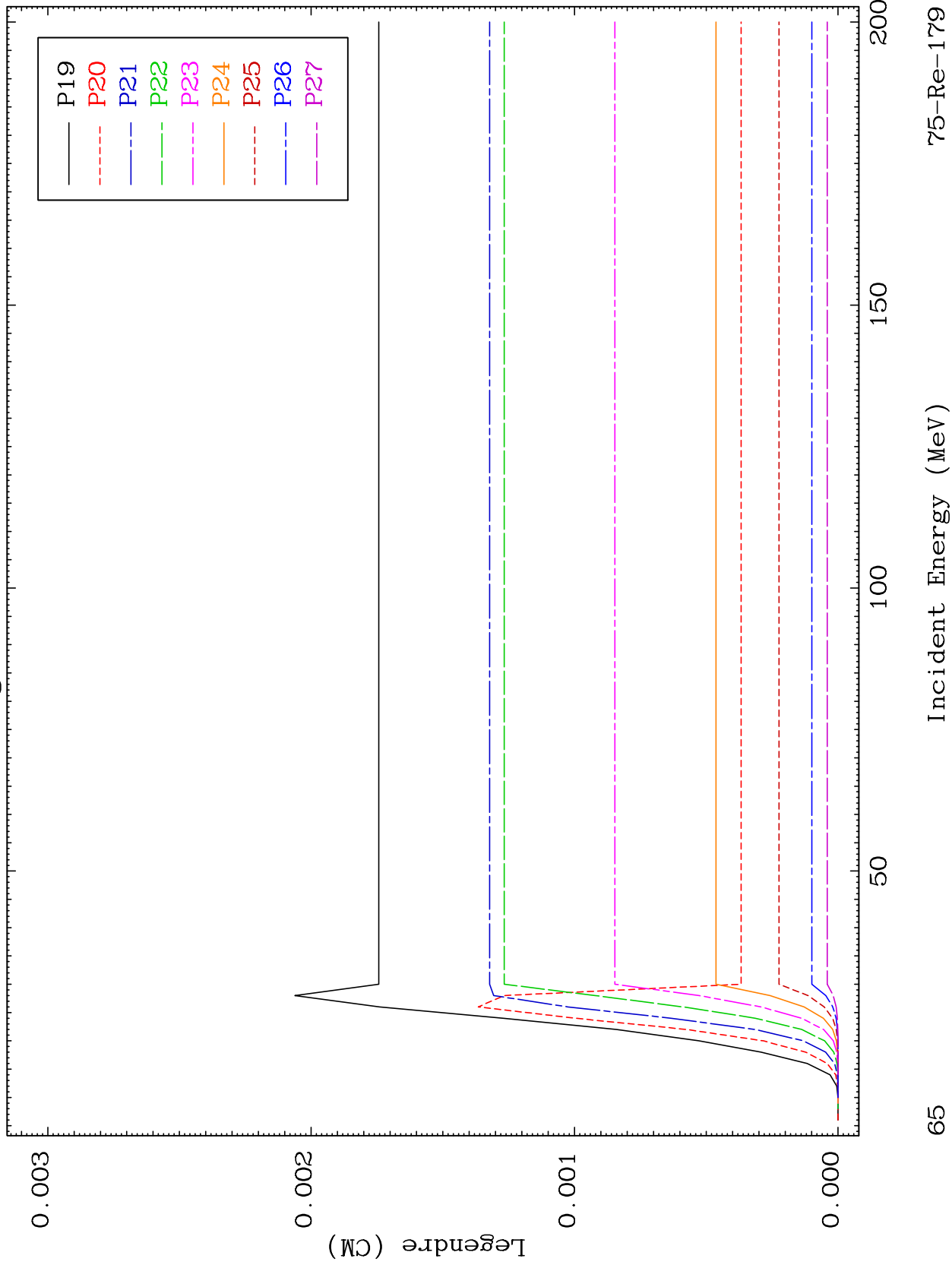
75-Re-179

64

MAT 7507

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

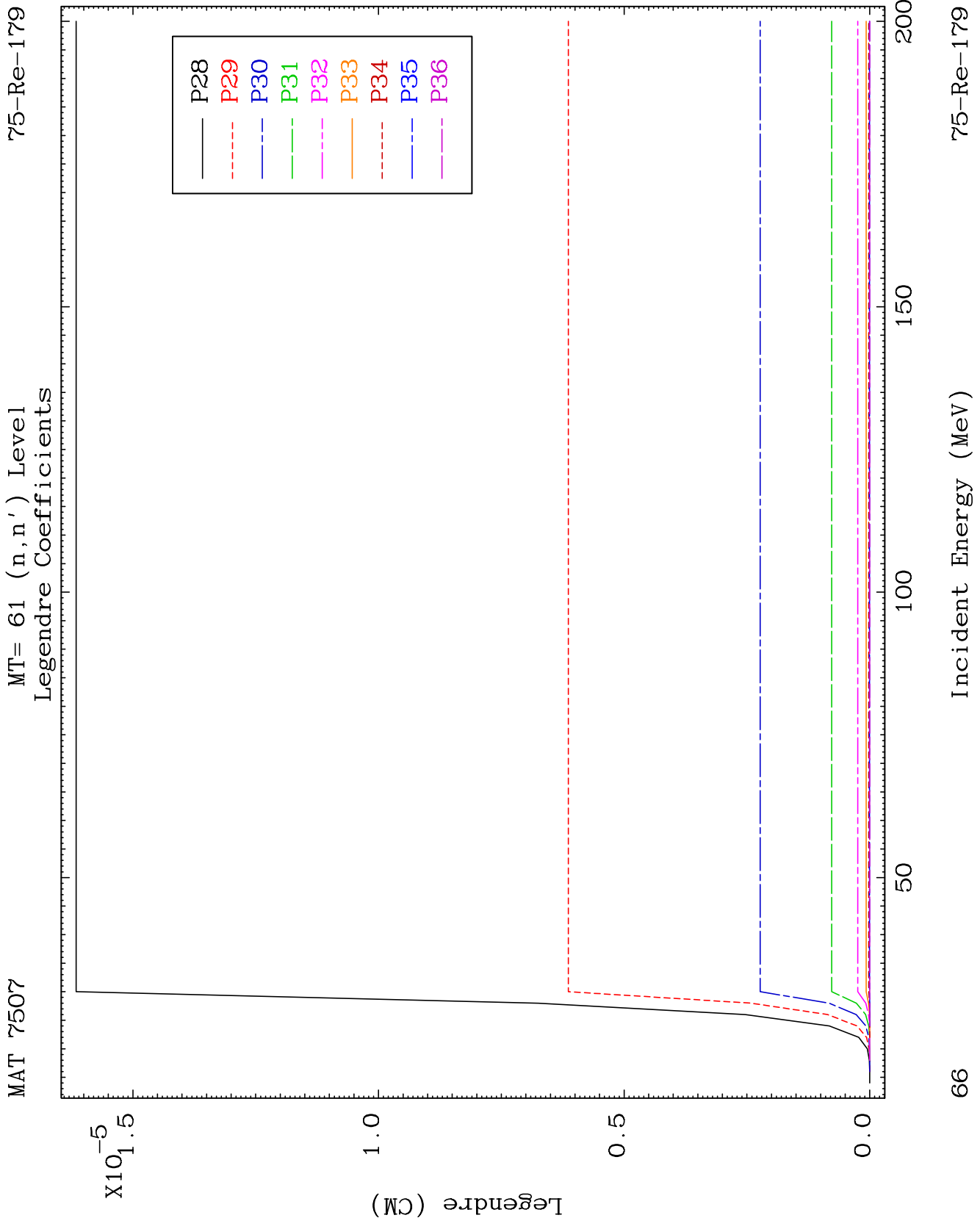
75-Re-179

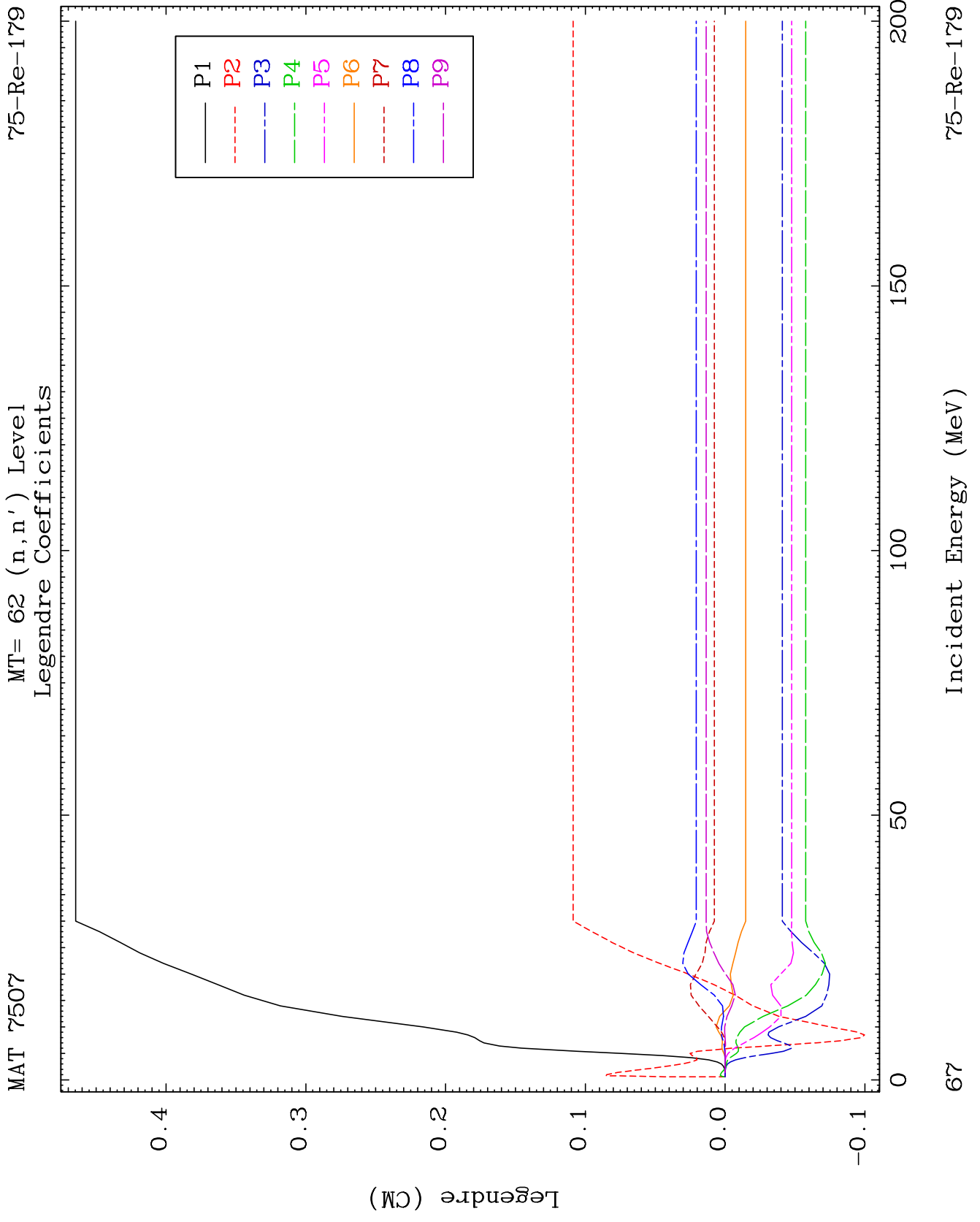


75-Re-179

Incident Energy (MeV)

65

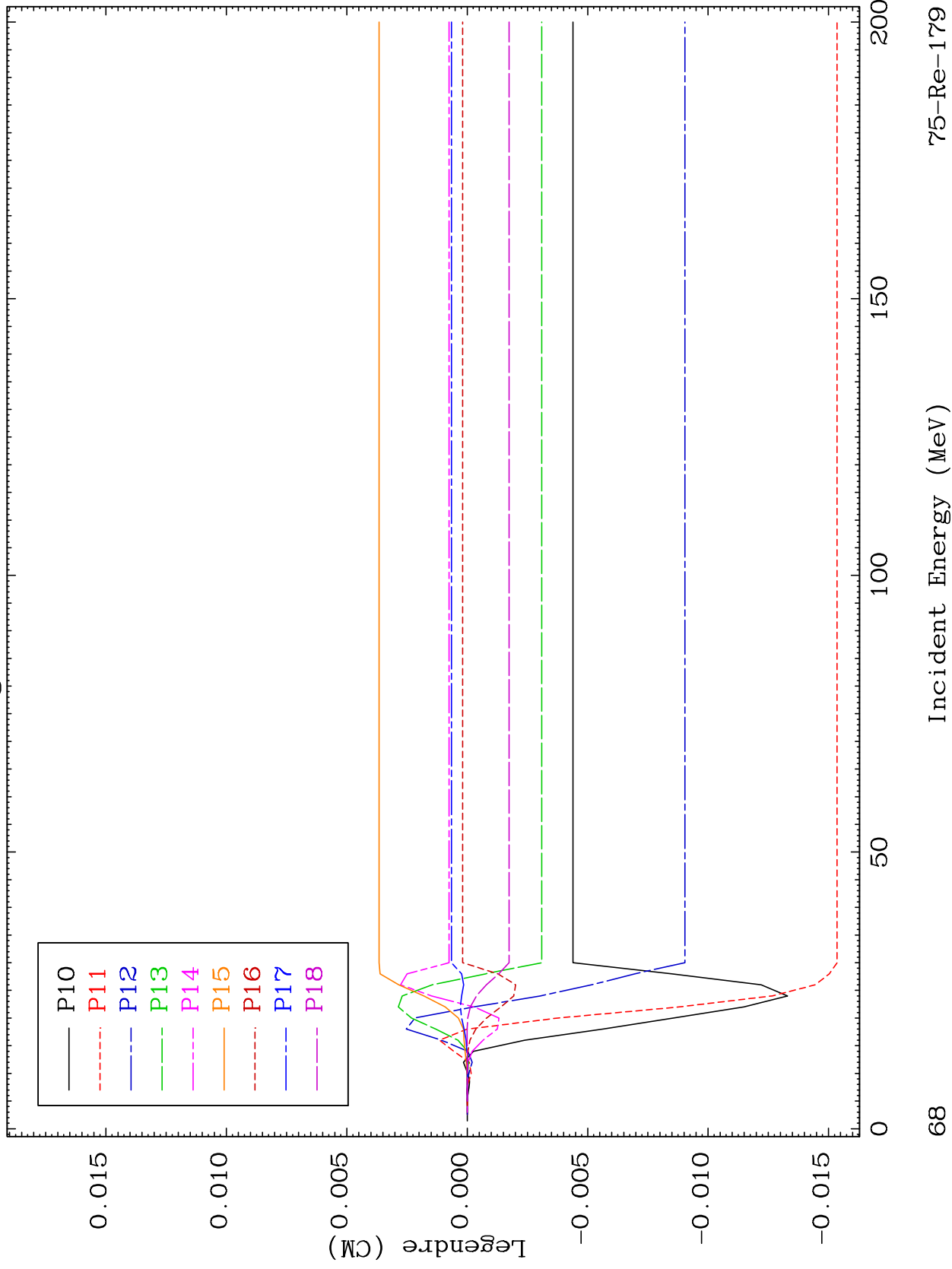




MAT 7507

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

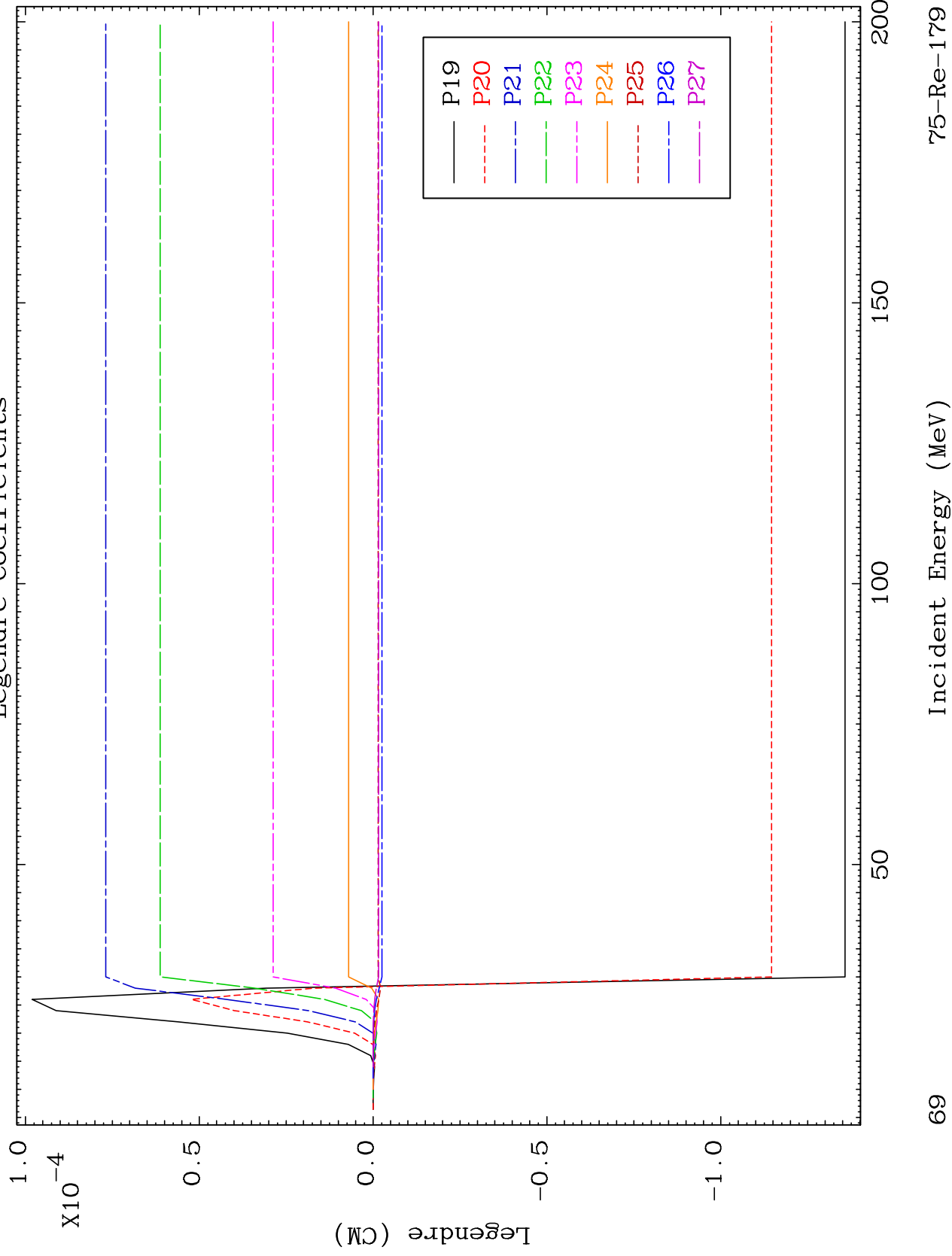
75-Re-179



MAT 7507

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

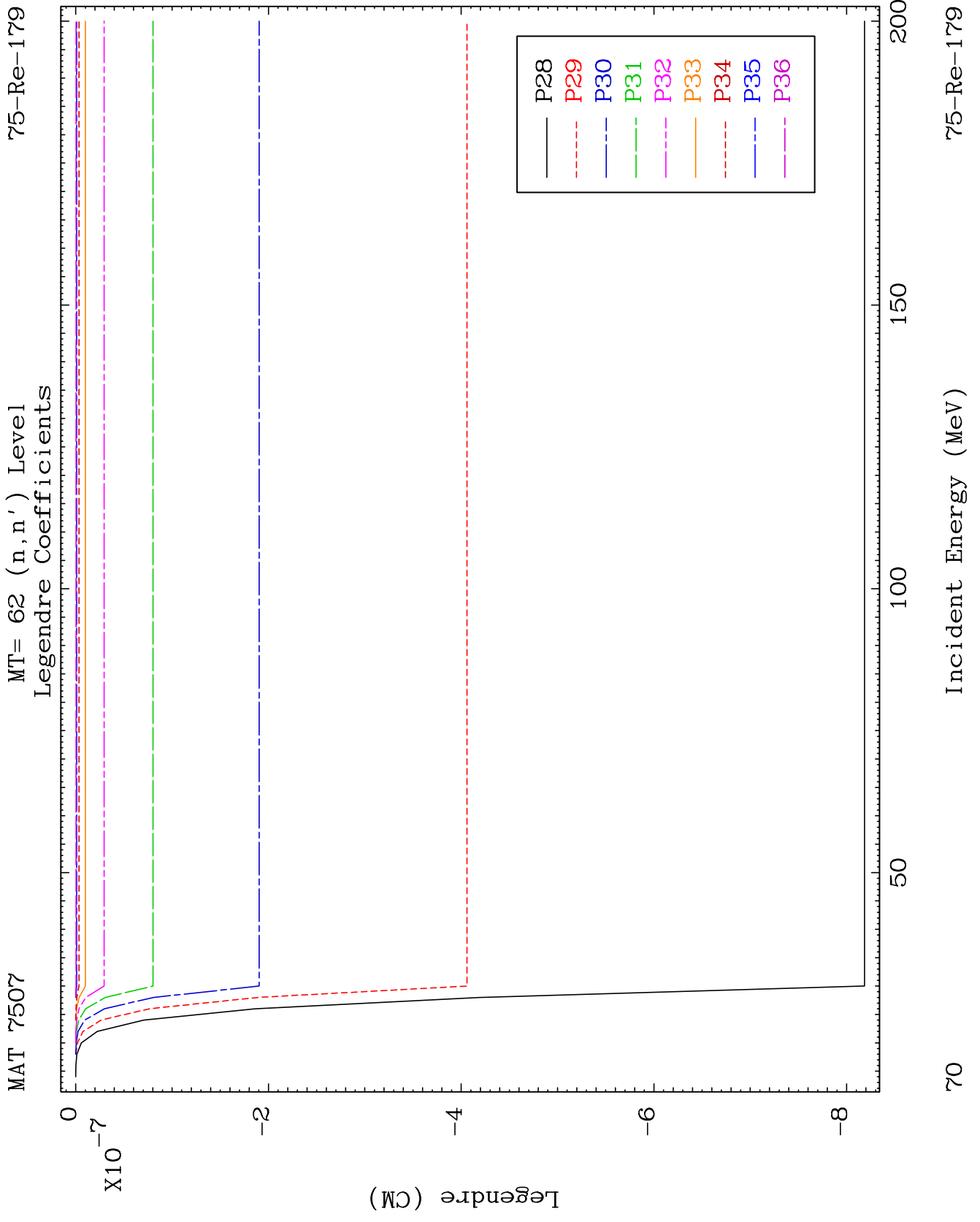
75-Re-179

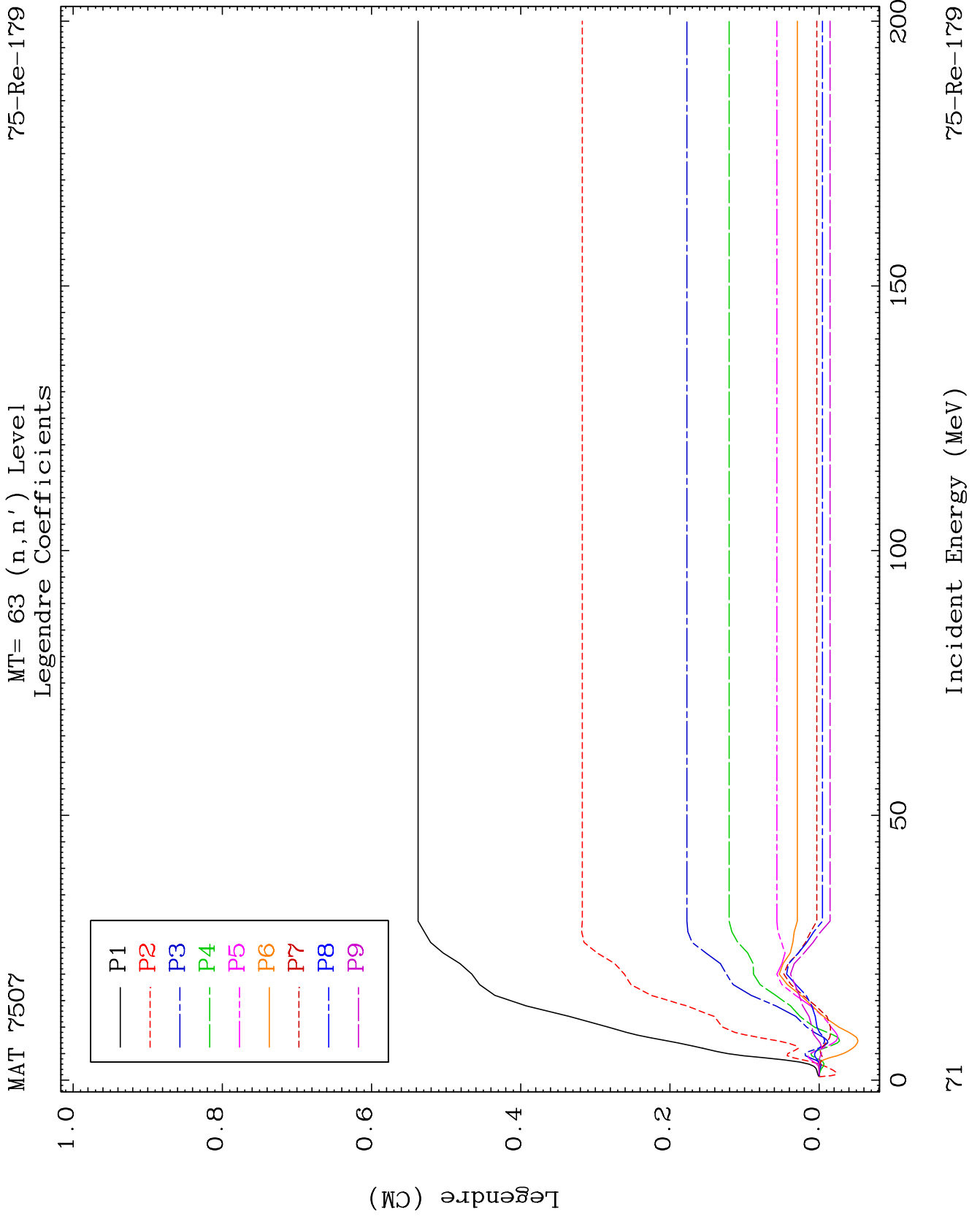


69

Incident Energy (MeV)

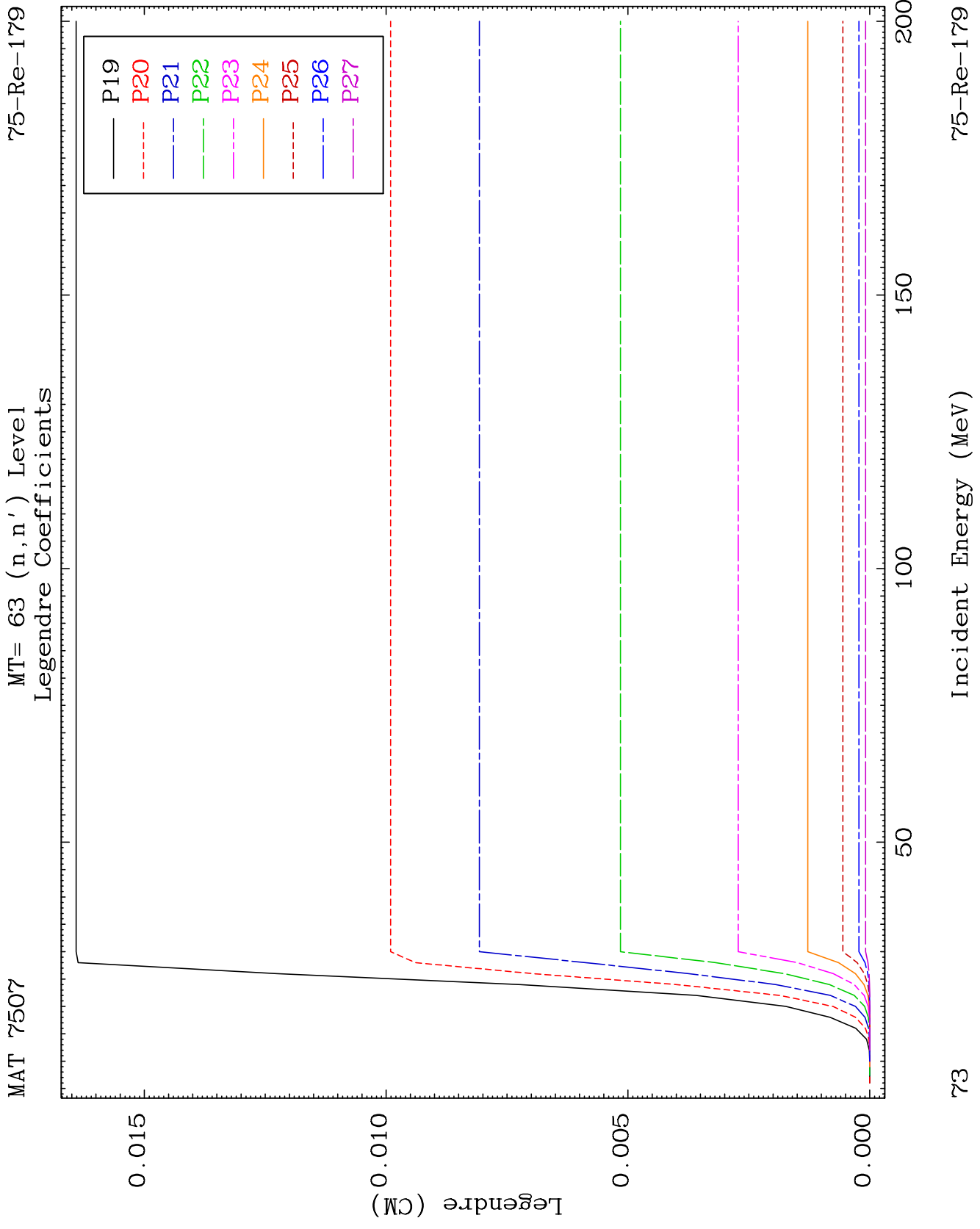
75-Re-179







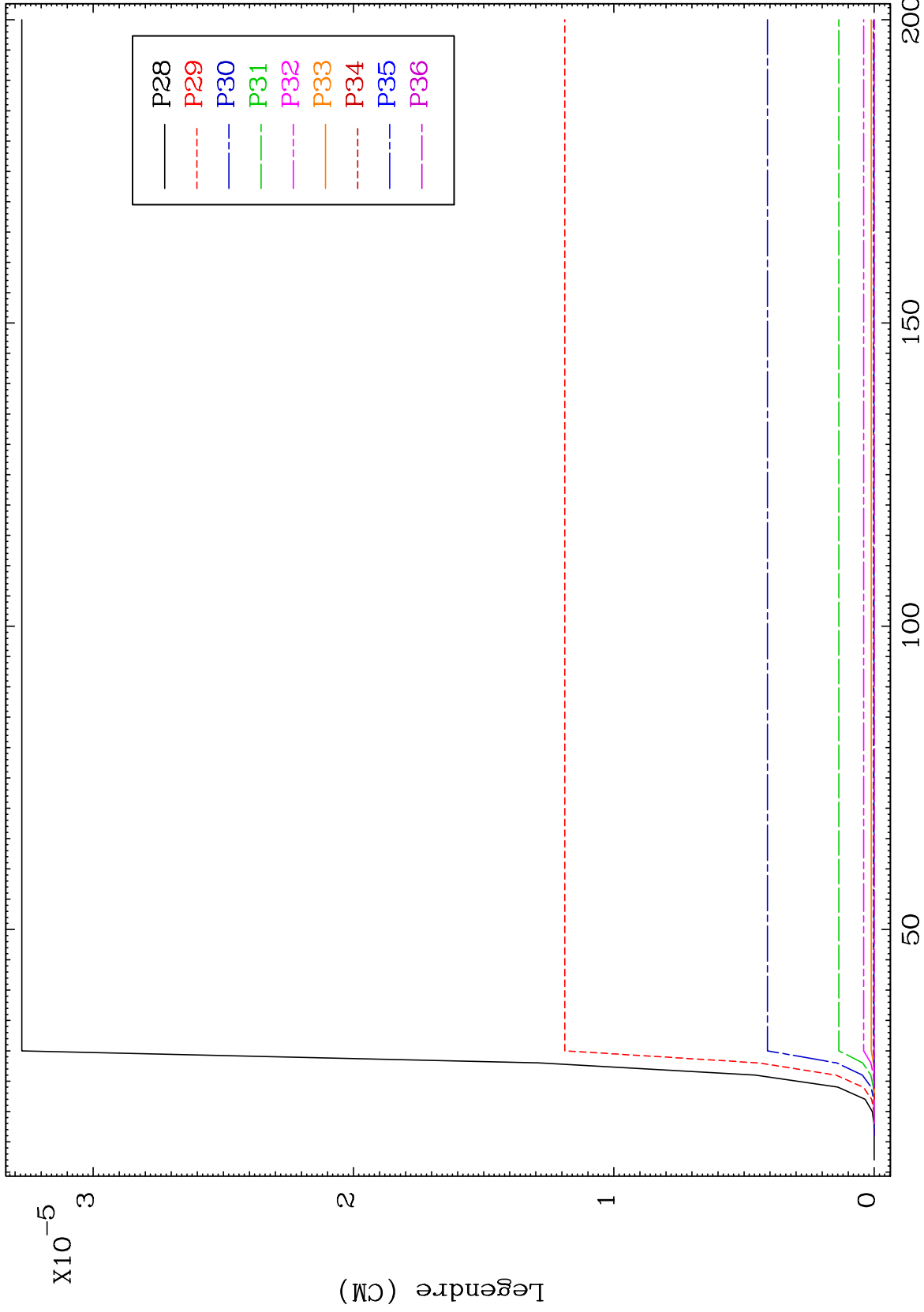




MAT 7507

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

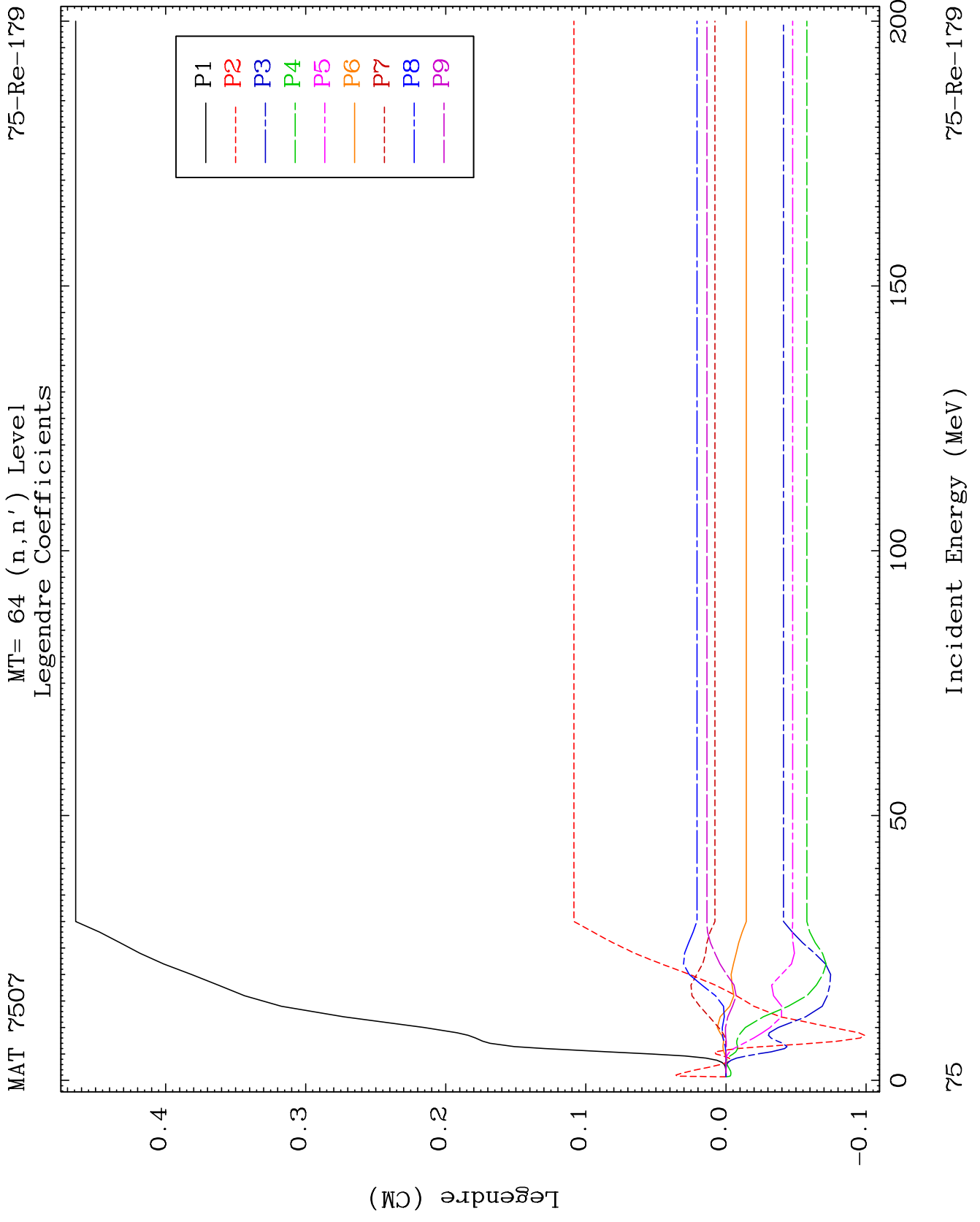
75-Re-179



74

Incident Energy (MeV)

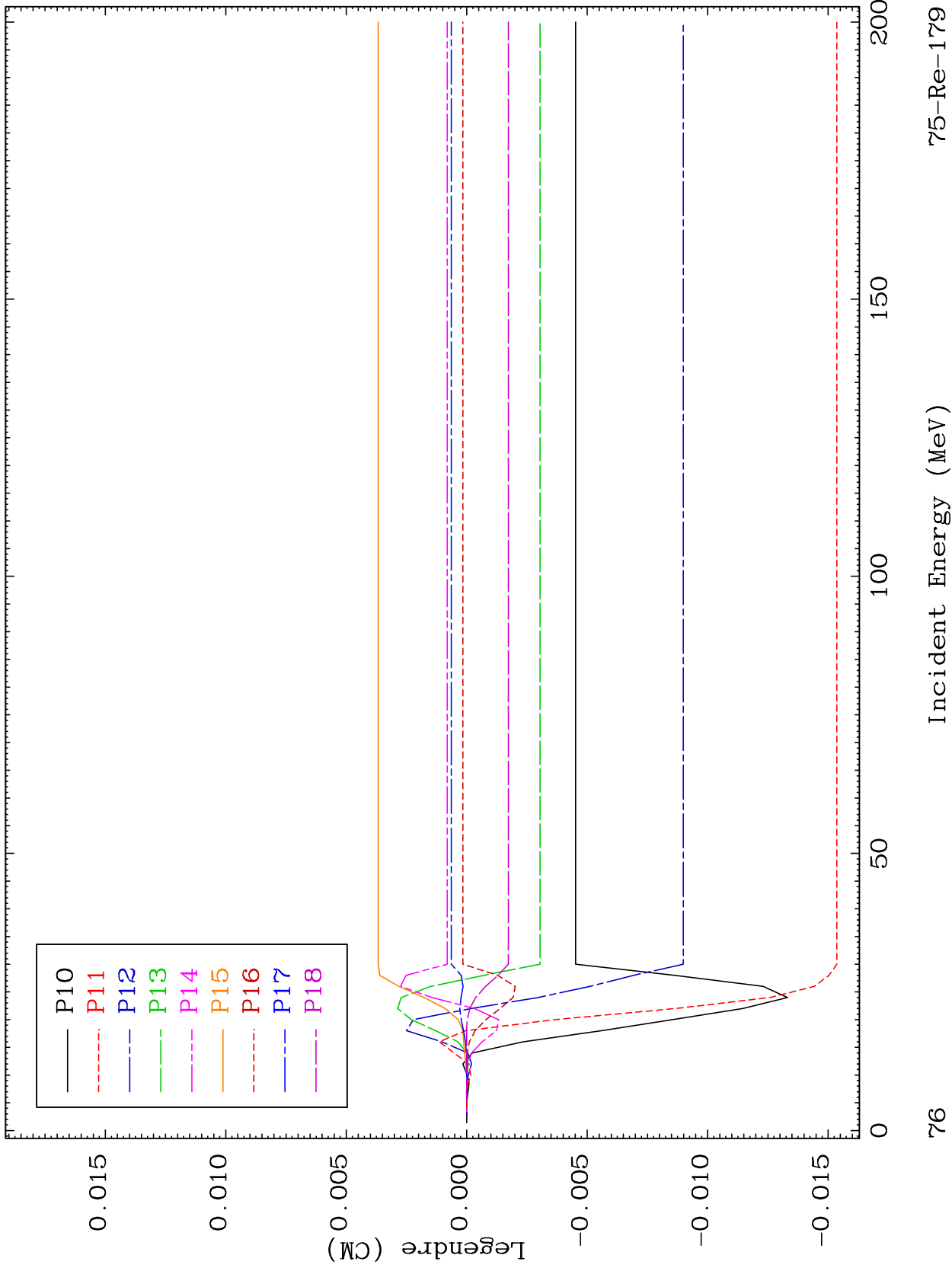
75-Re-179



MAT 7507

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

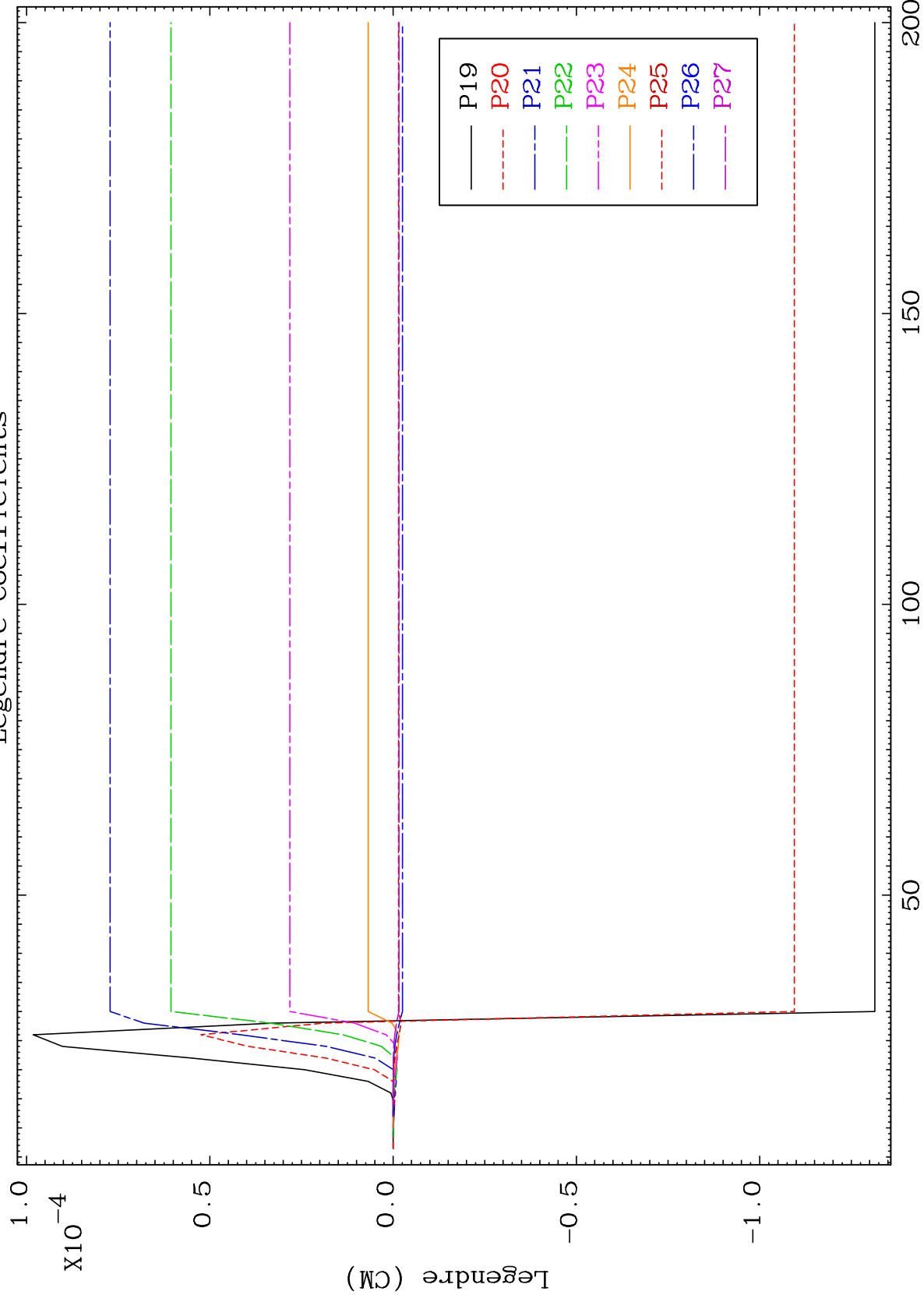
75-Re-179



MAT 7507

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

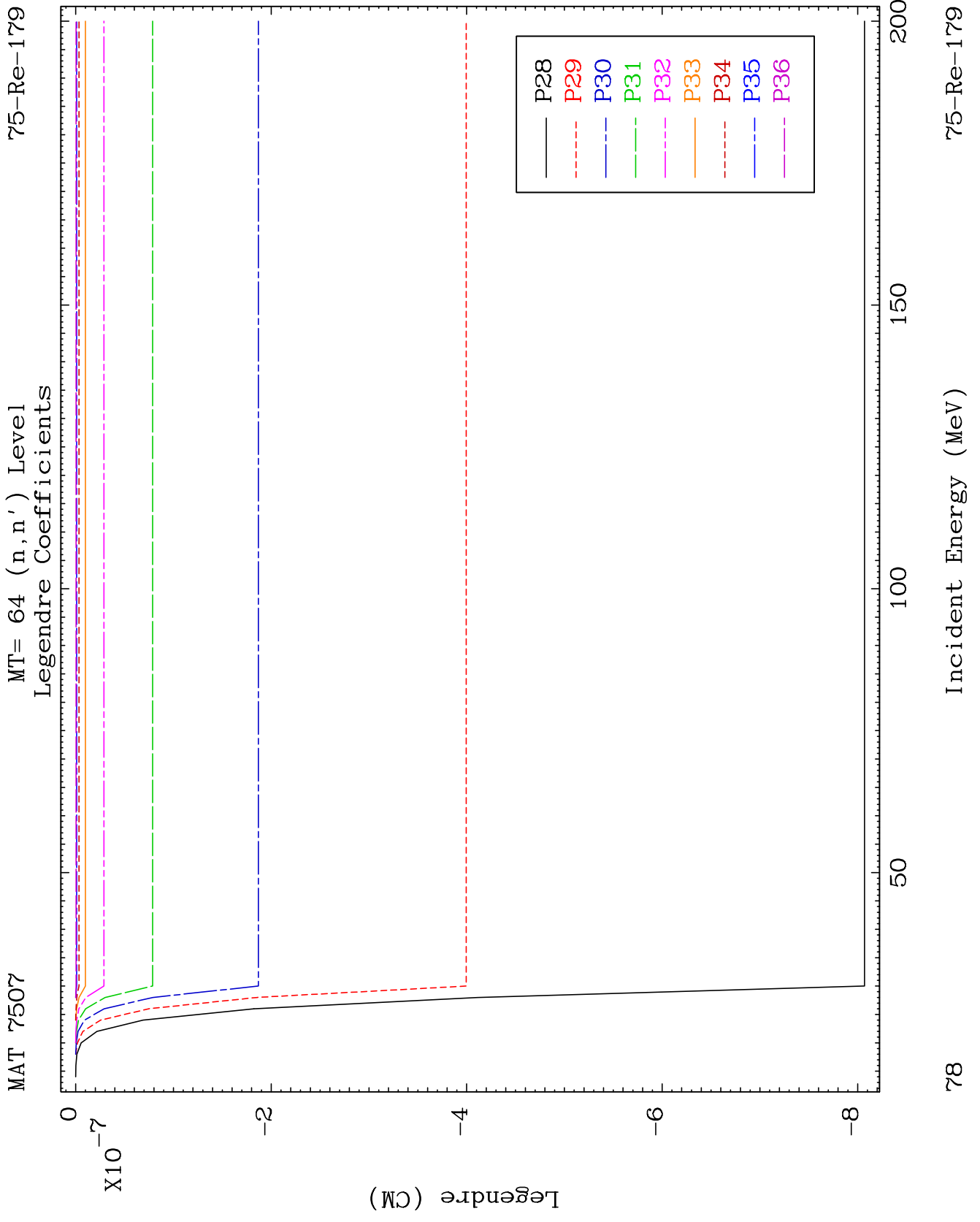
75-Re-179



77

Incident Energy (MeV)

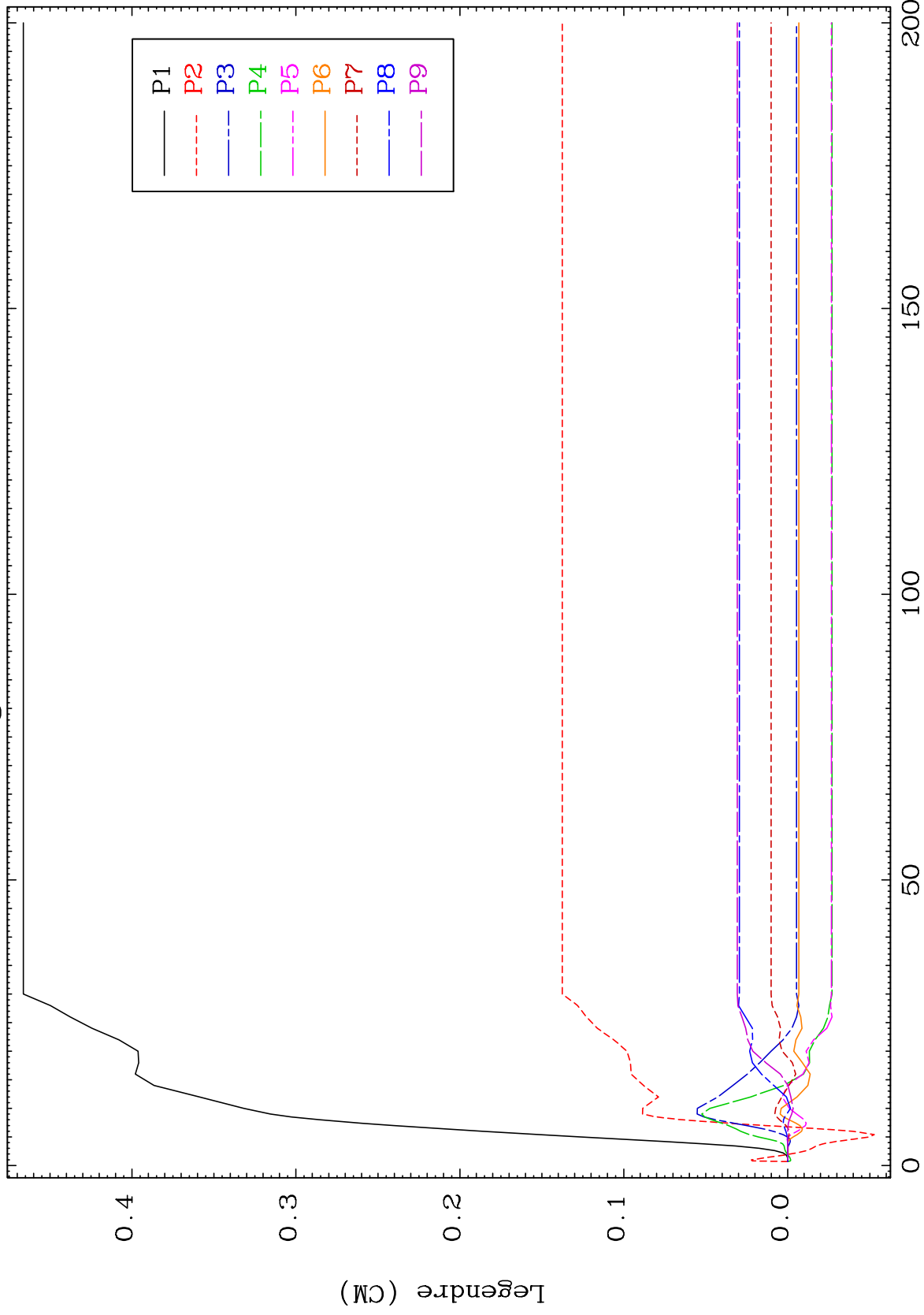
75-Re-179



MAT 7507

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

75-Re-179



79

Incident Energy (MeV)

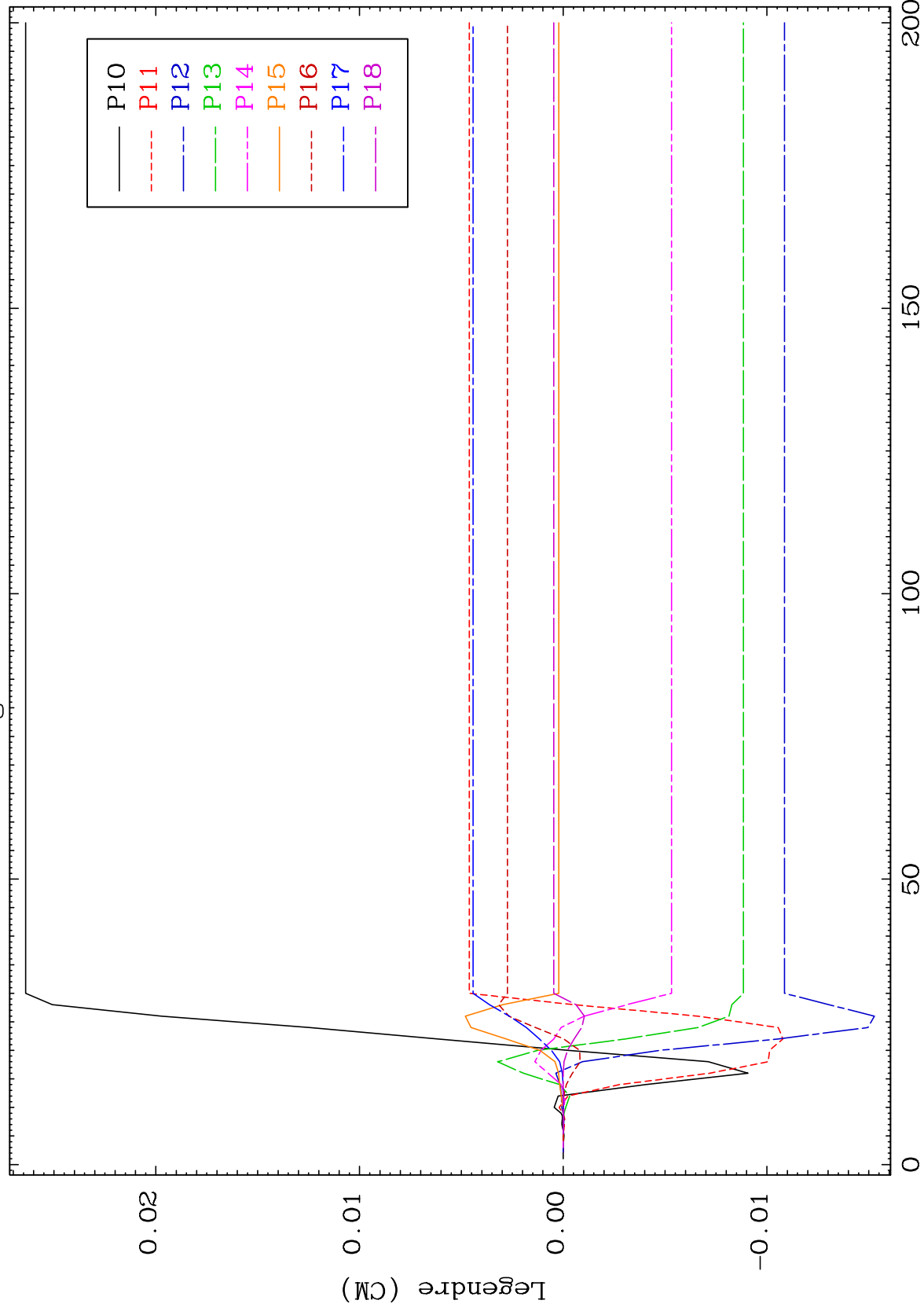
75-Re-179



MAT 7507

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

75-Re-179



80

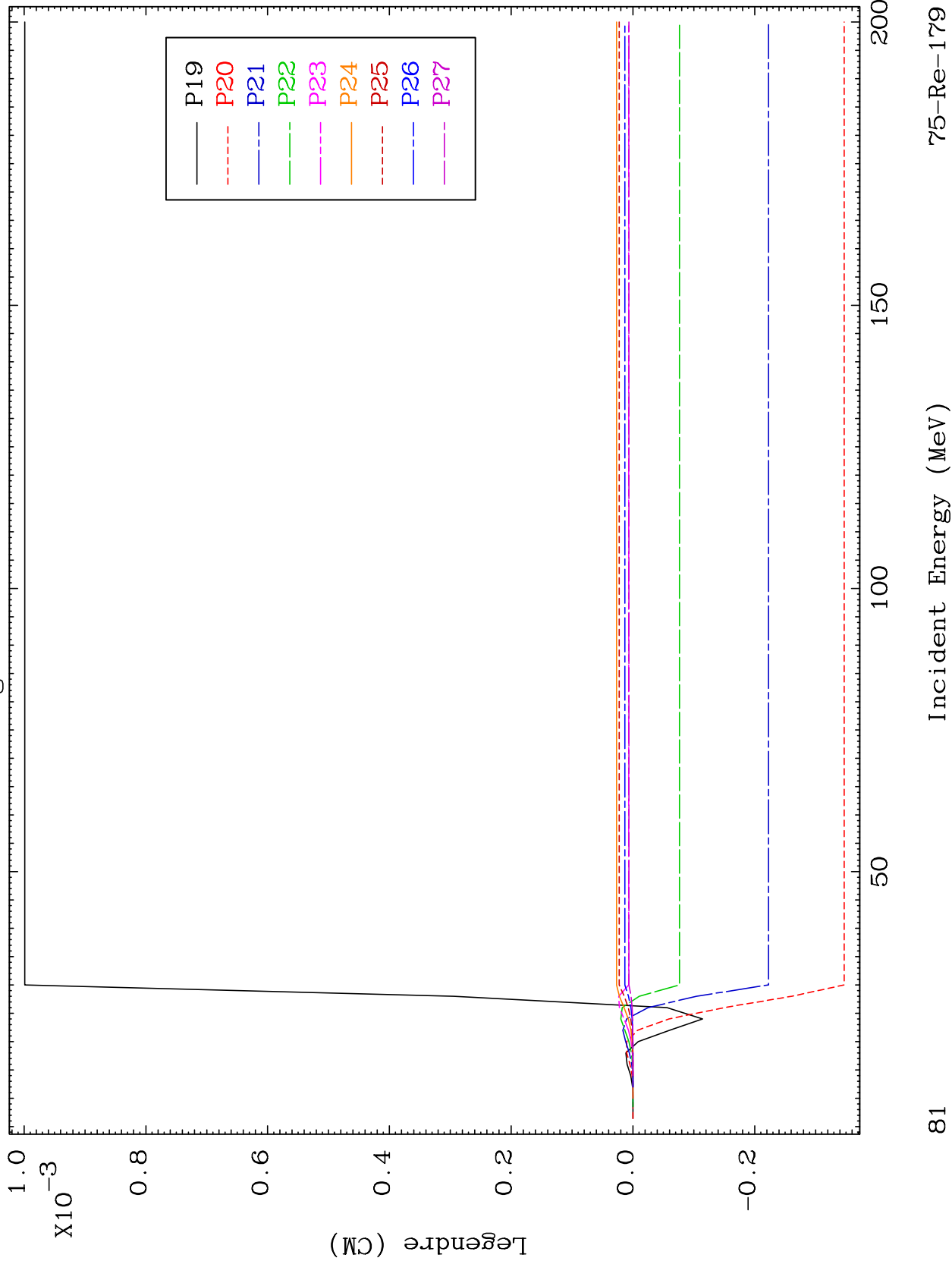
Incident Energy (MeV)

75-Re-179

MAT 7507

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

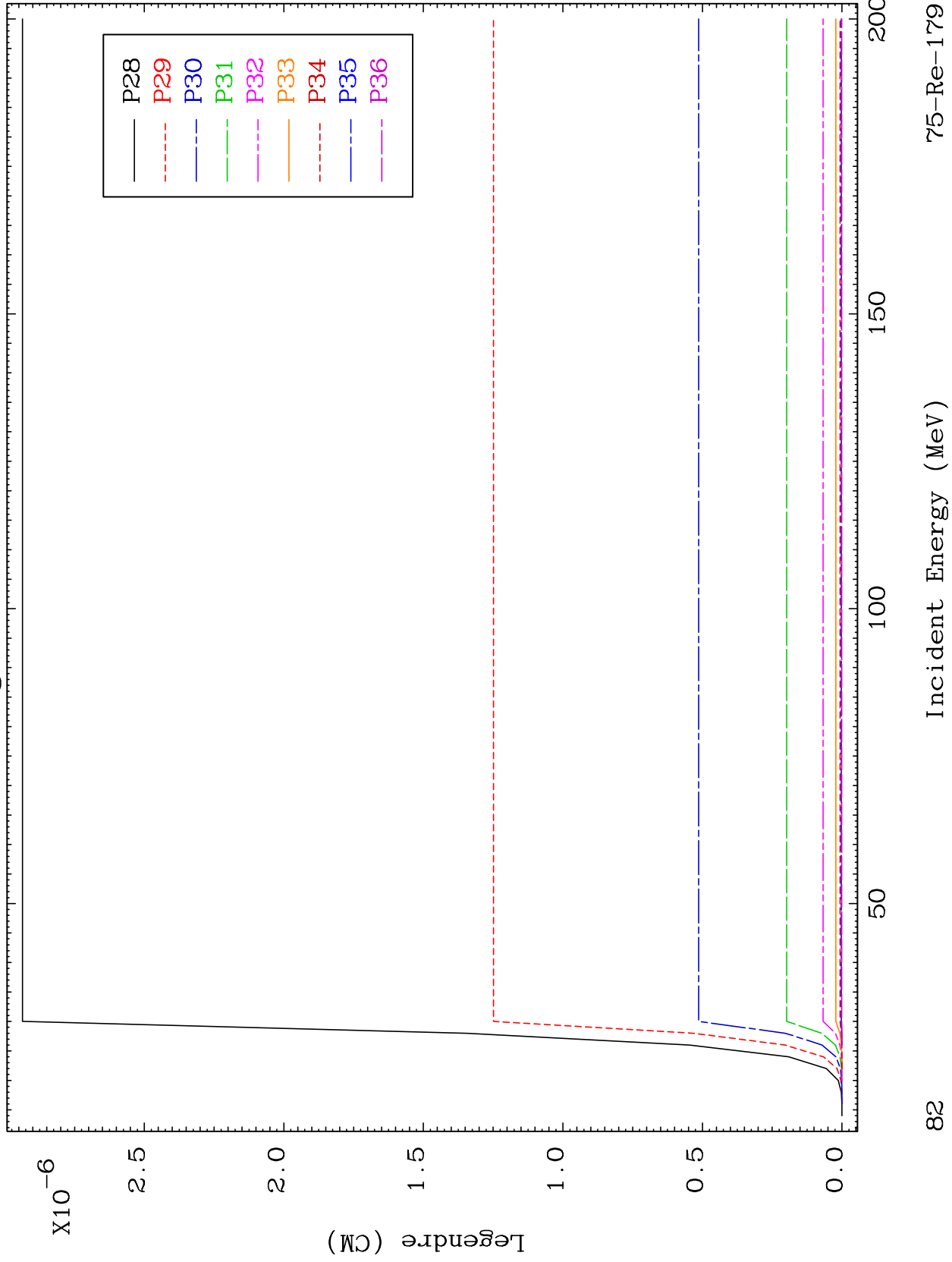
75-Re-179



MAT 7507

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

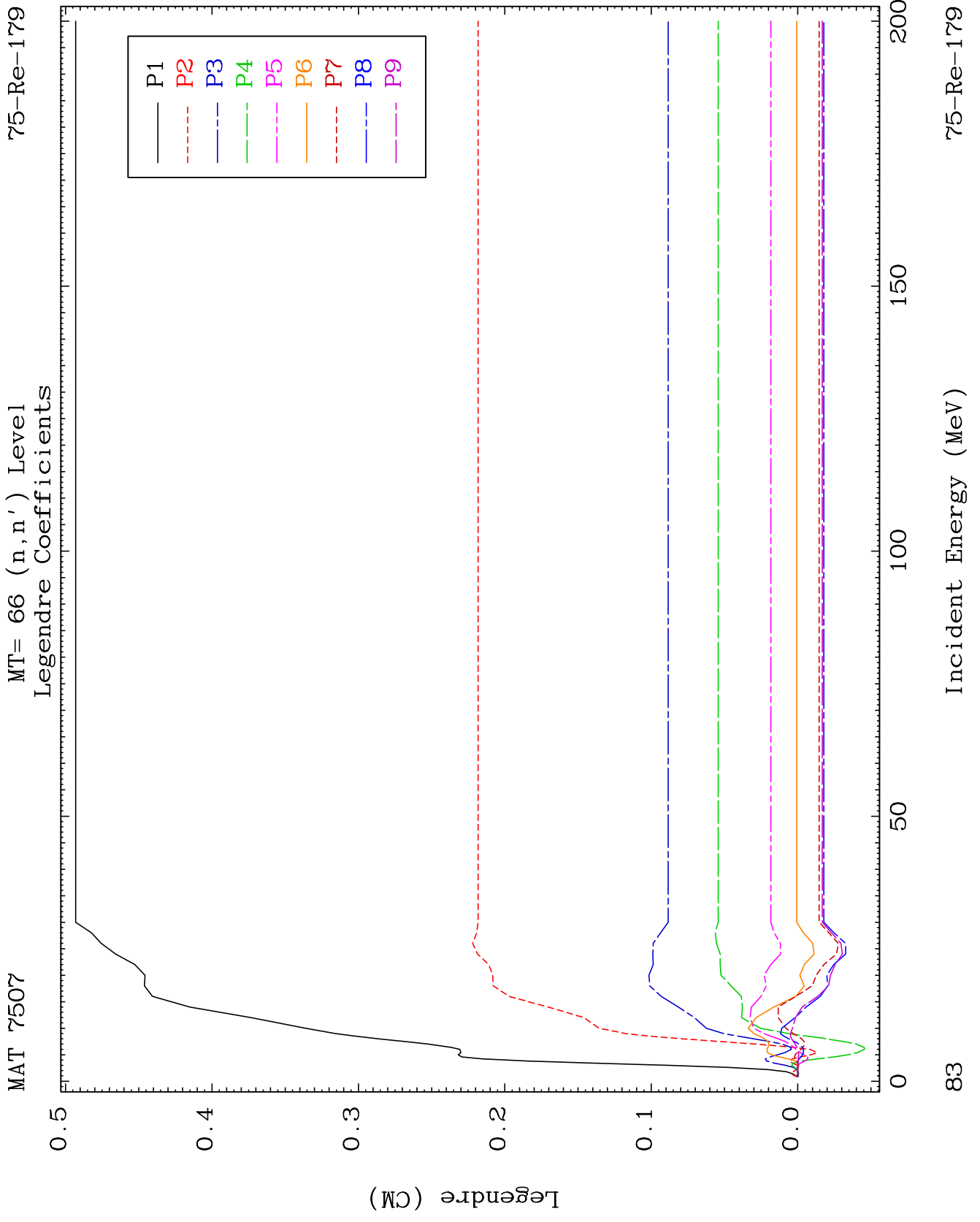
75-Re-179



82

Incident Energy (MeV)

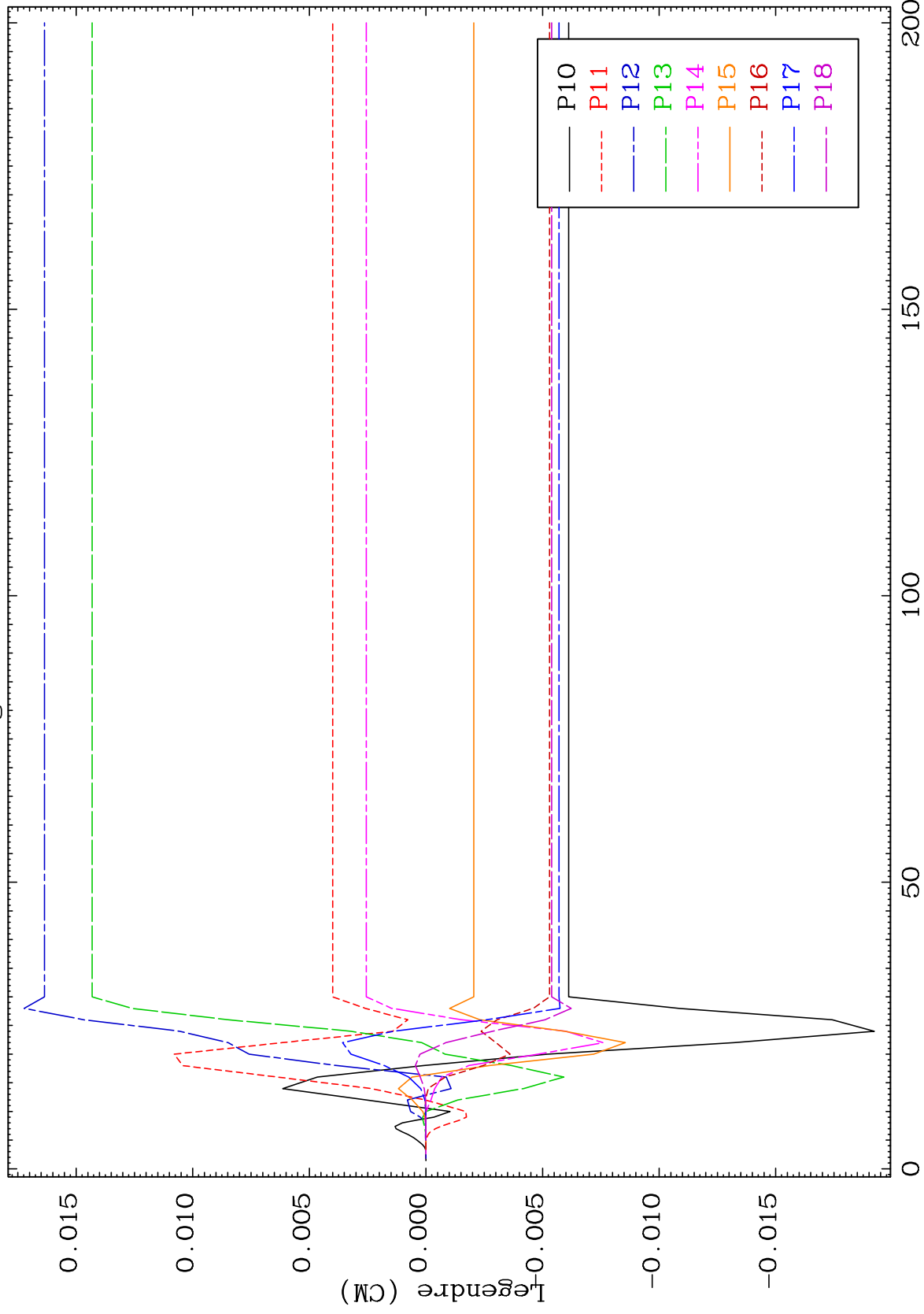
75-Re-179



MAT 7507

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

75-Re-179



84

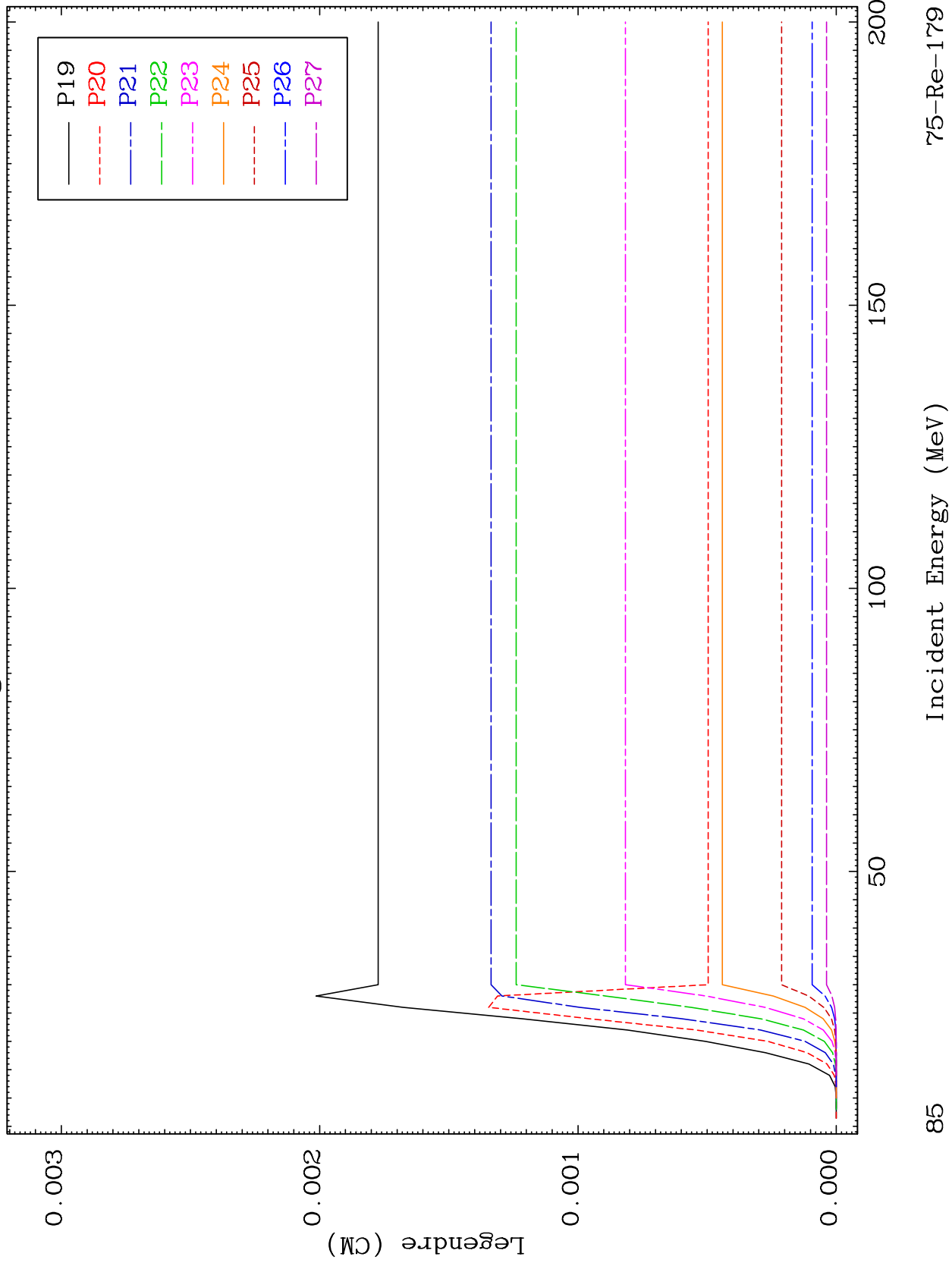
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



85

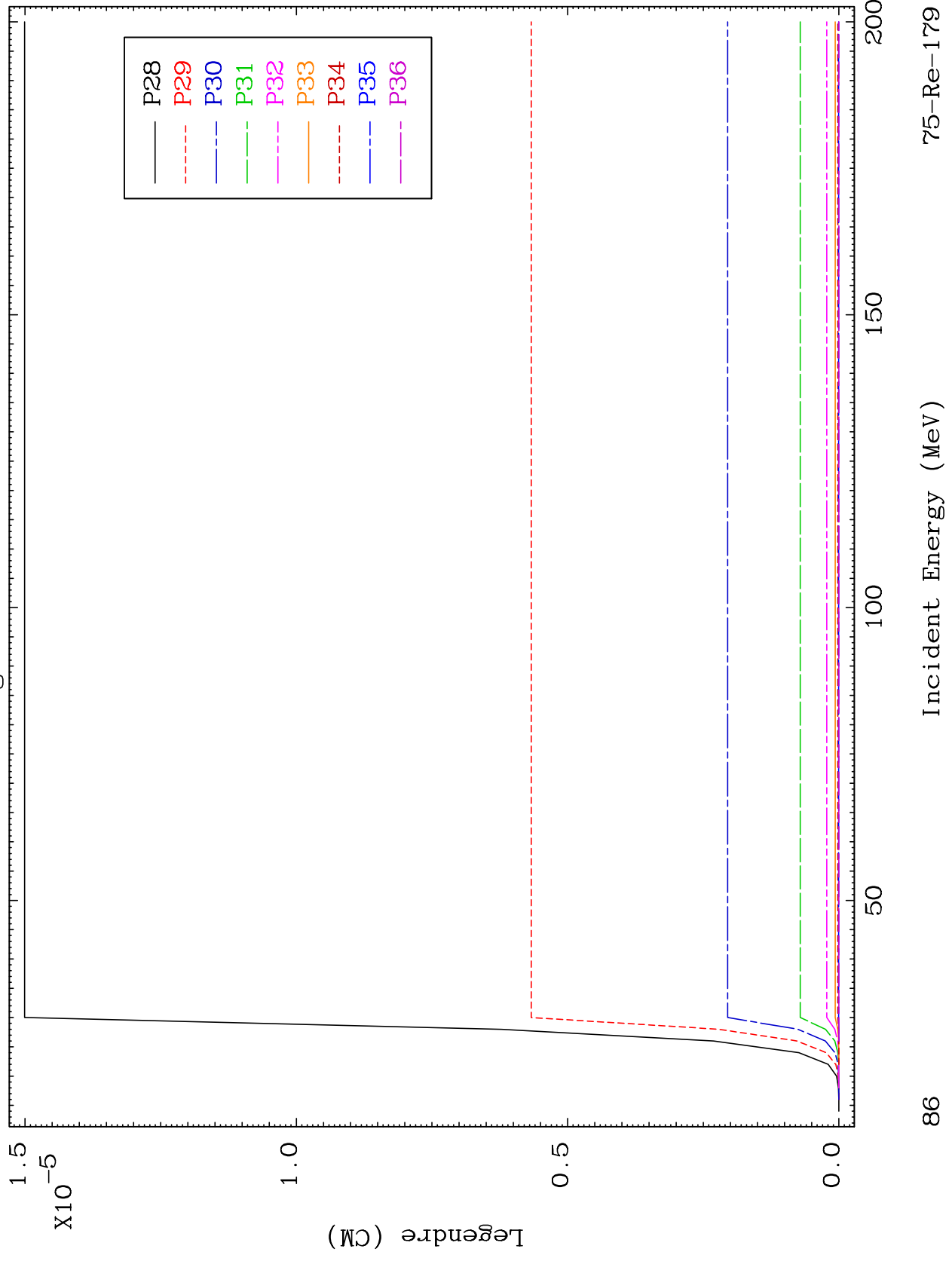
Incident Energy (MeV)

75-Re-179

MAT 7507

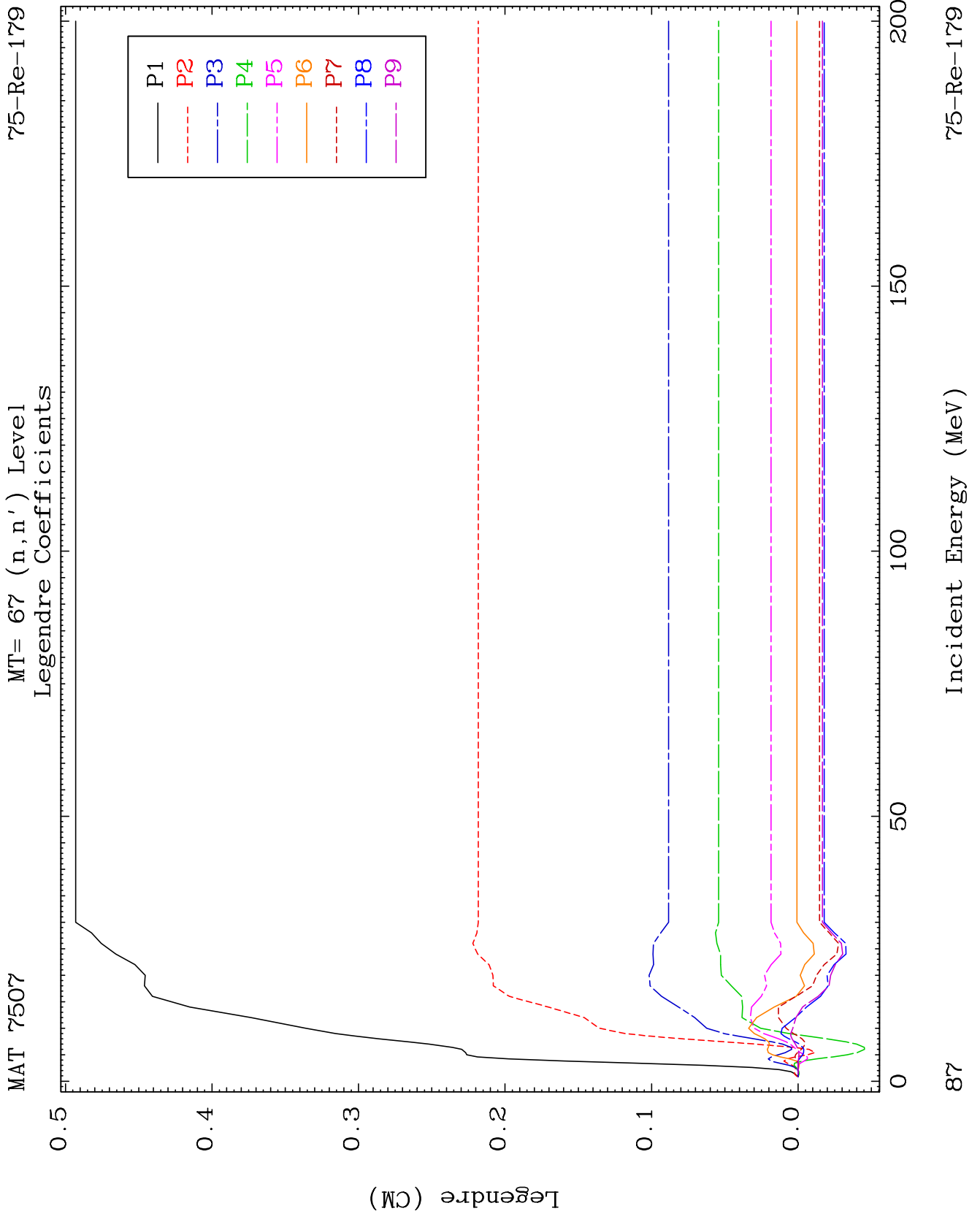
MT= 66 (n,n') Level  
Legendre Coefficients

75-Re-179



86

75-Re-179

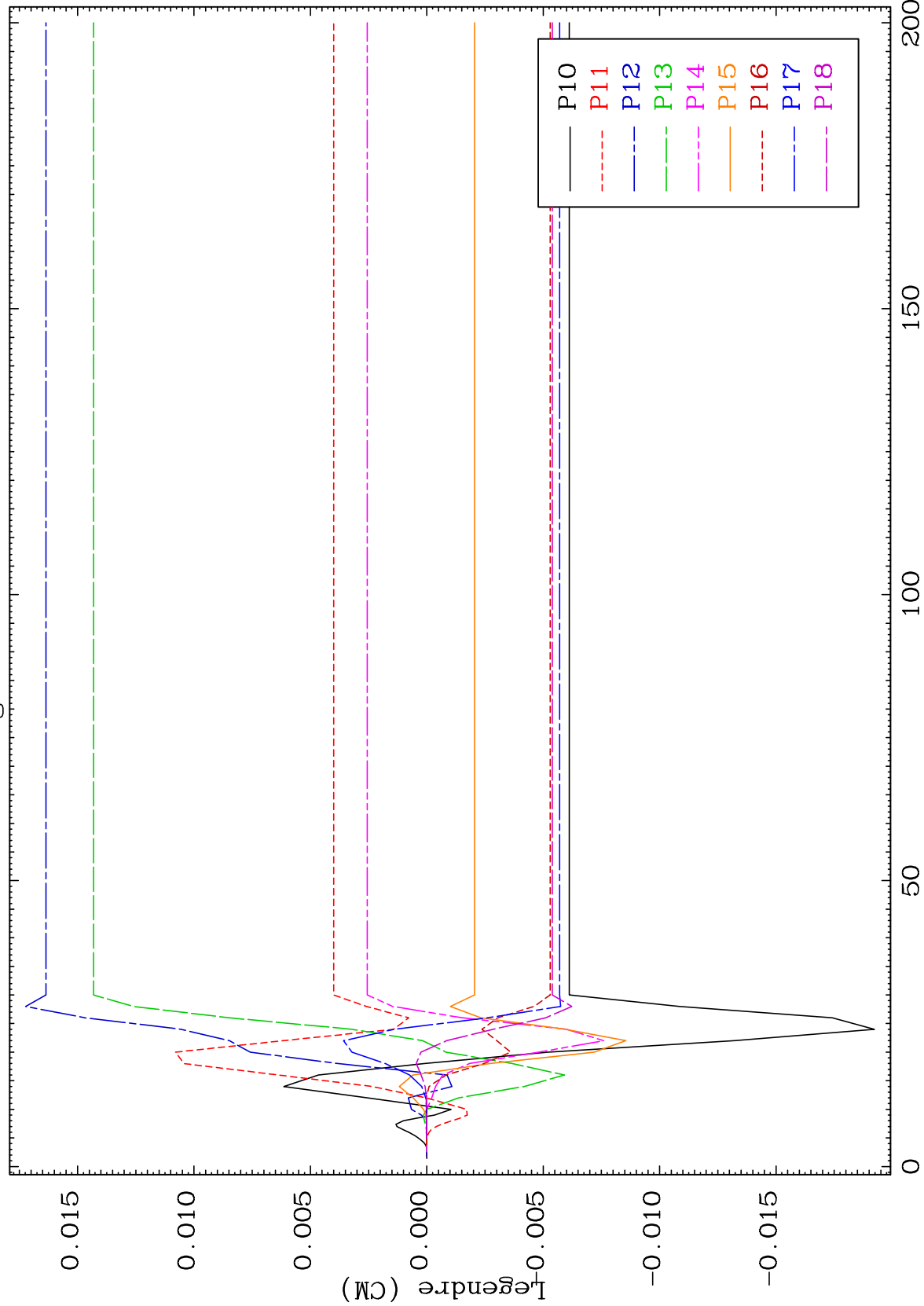




MAT 7507

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

75-Re-179



88

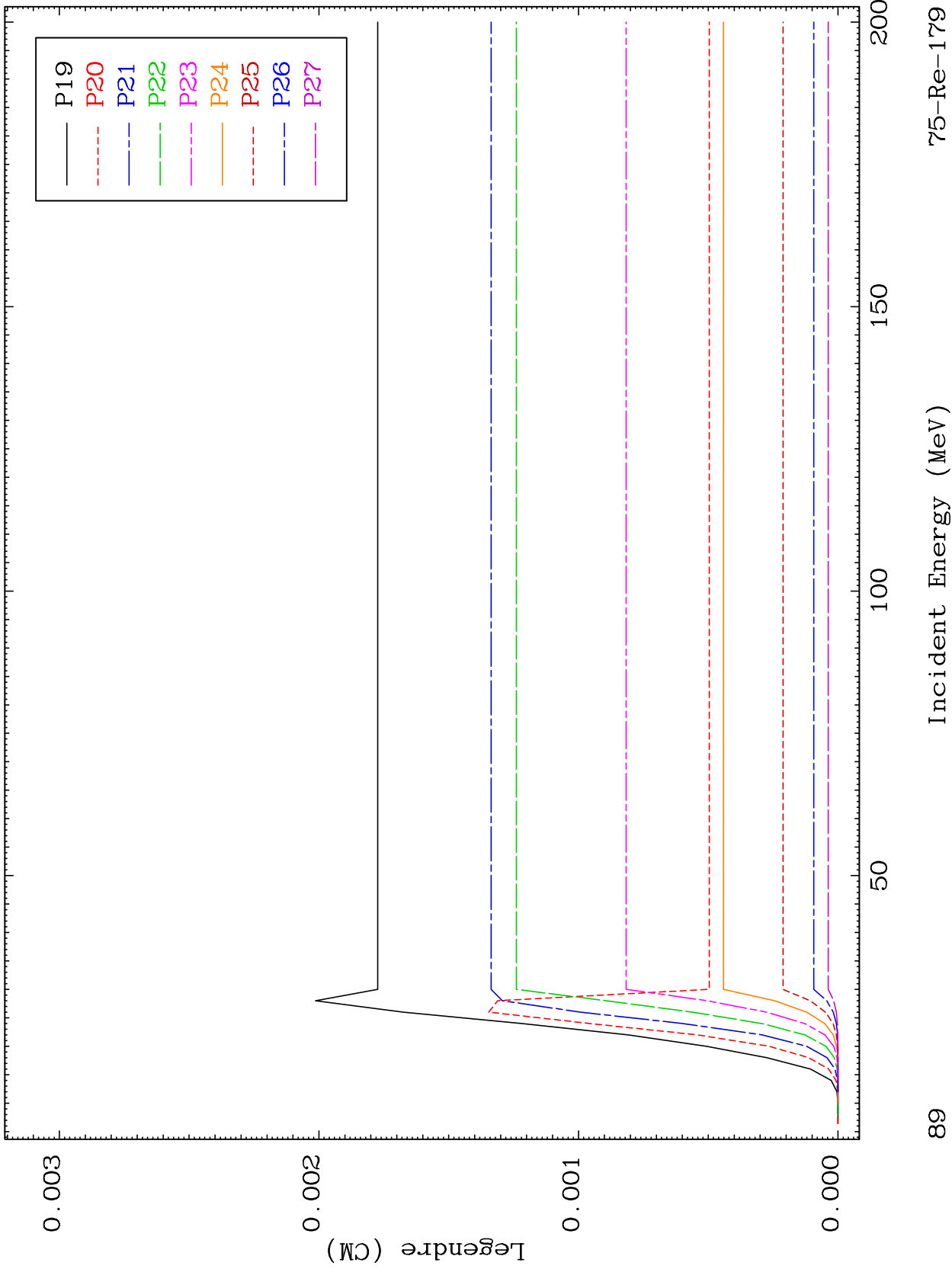
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



89

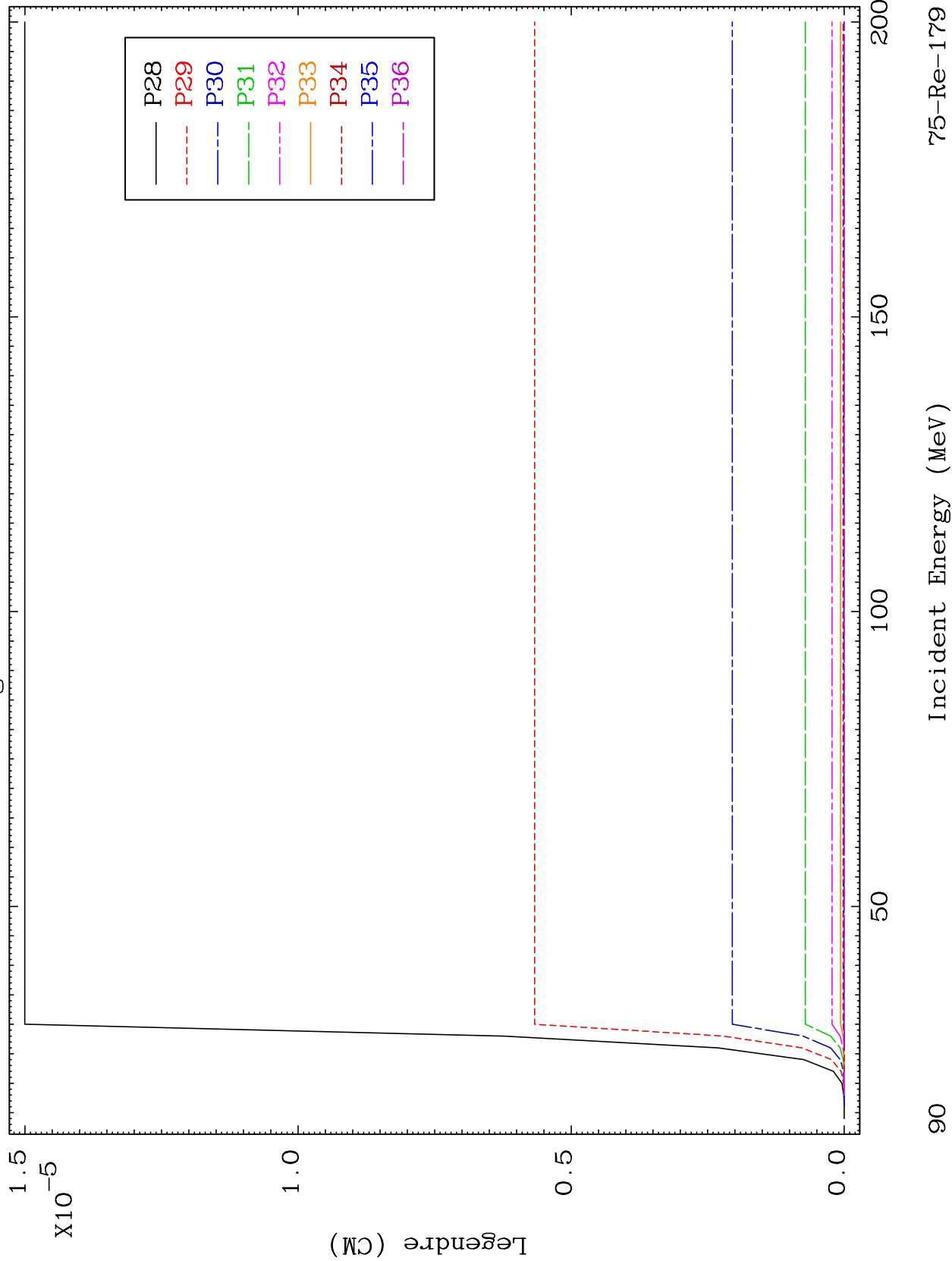
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179

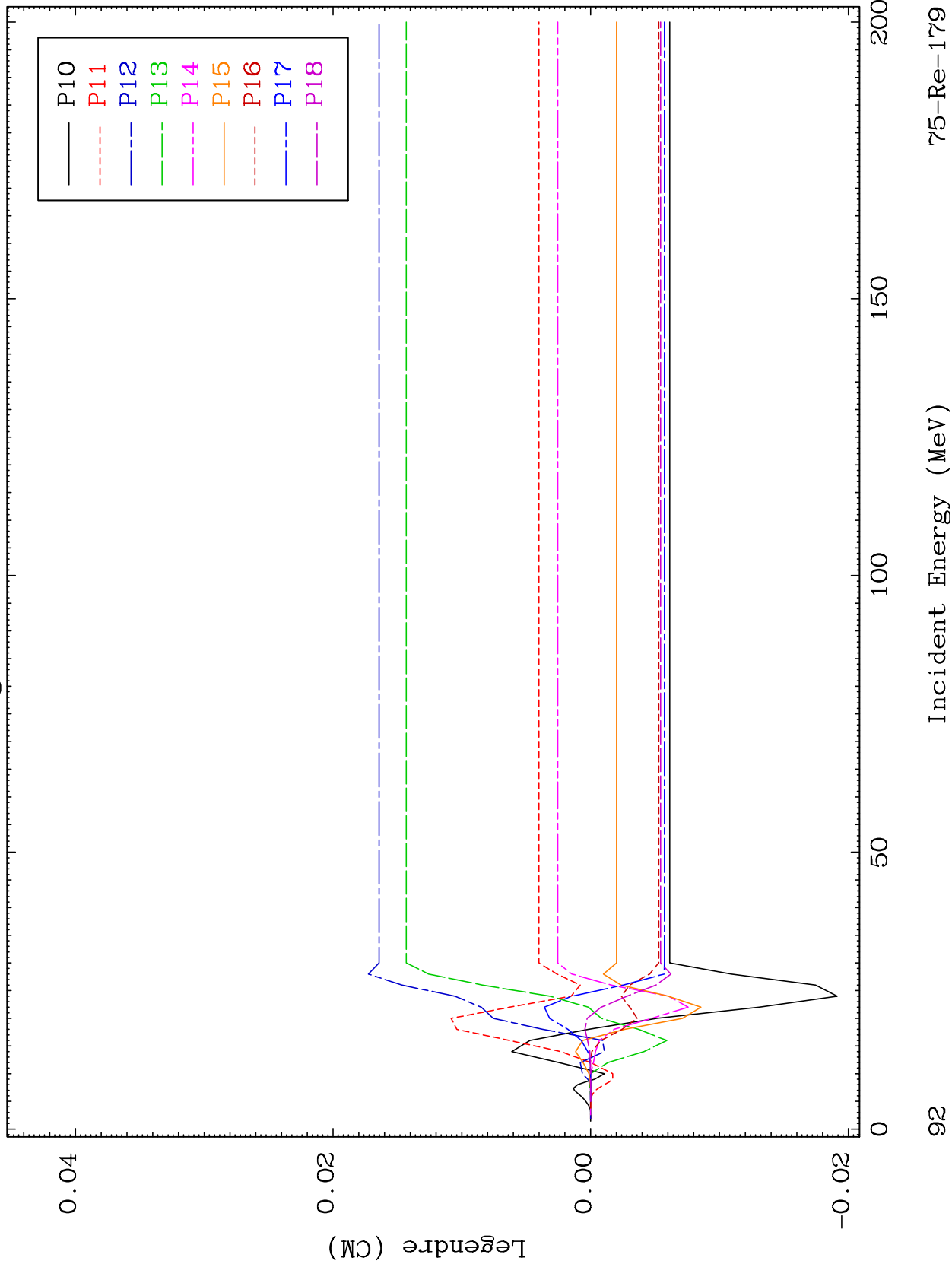




MAT 7507

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

75-Re-179



75-Re-179

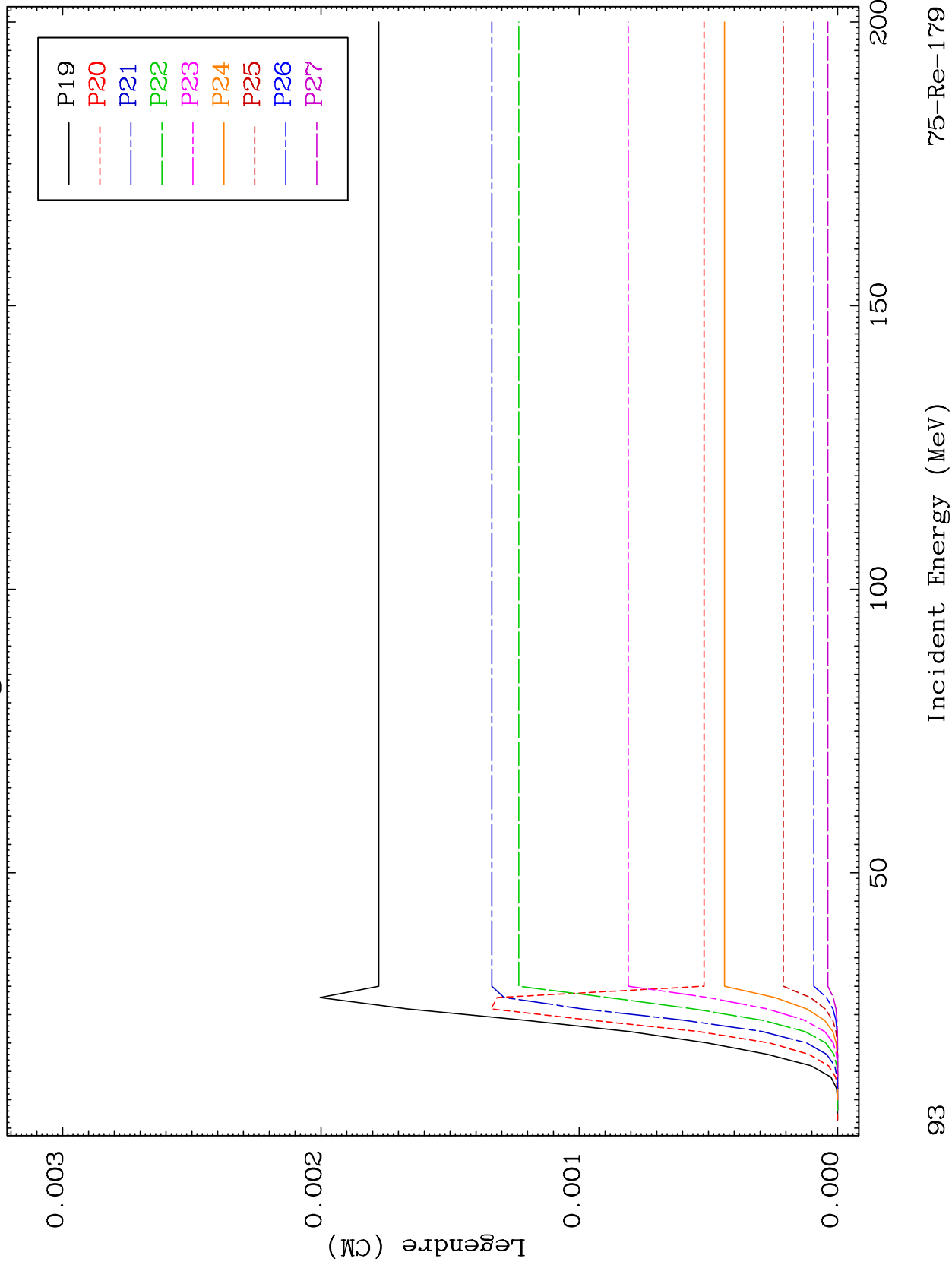
Incident Energy (MeV)

92

MAT 7507

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

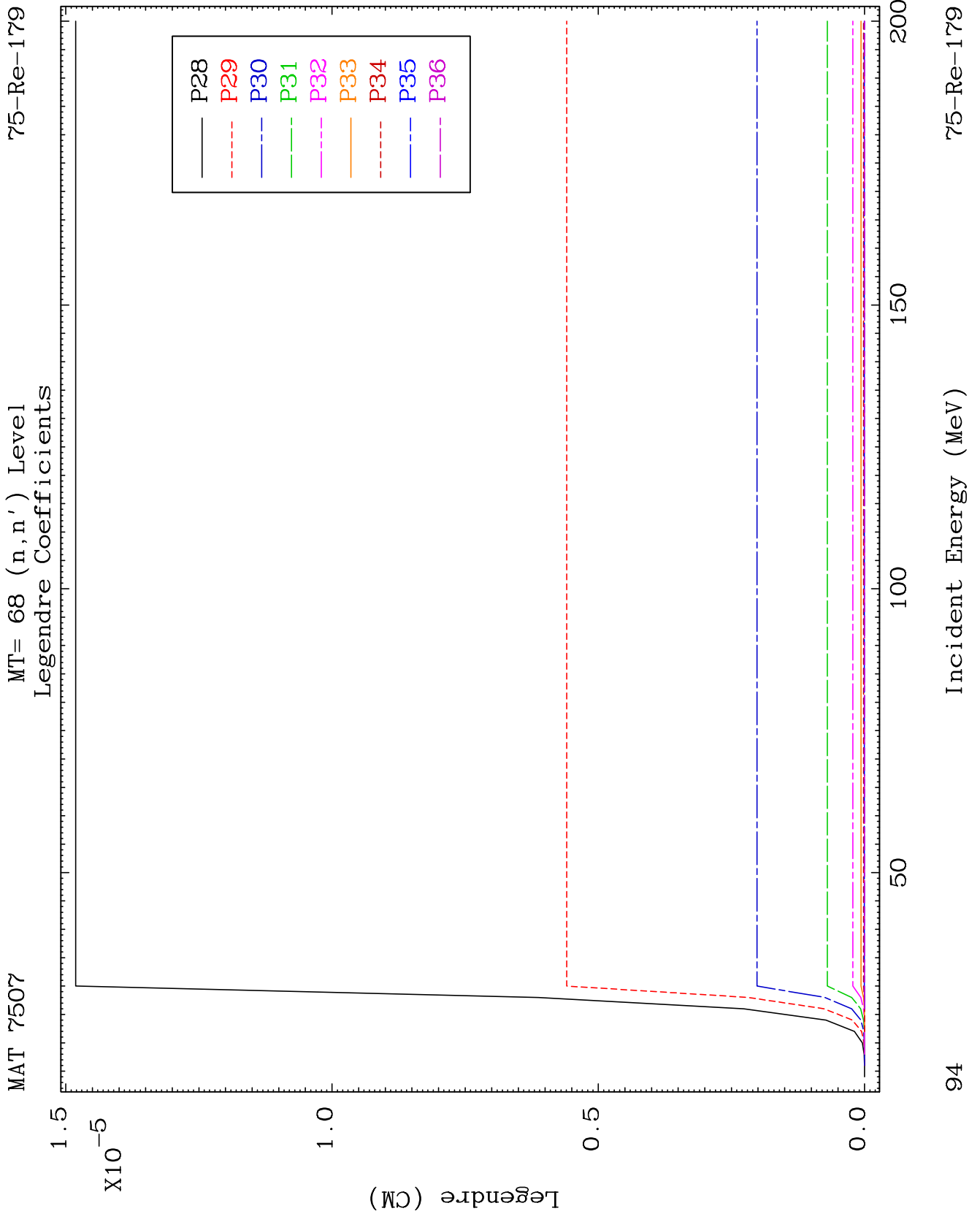
75-Re-179



93

Incident Energy (MeV)

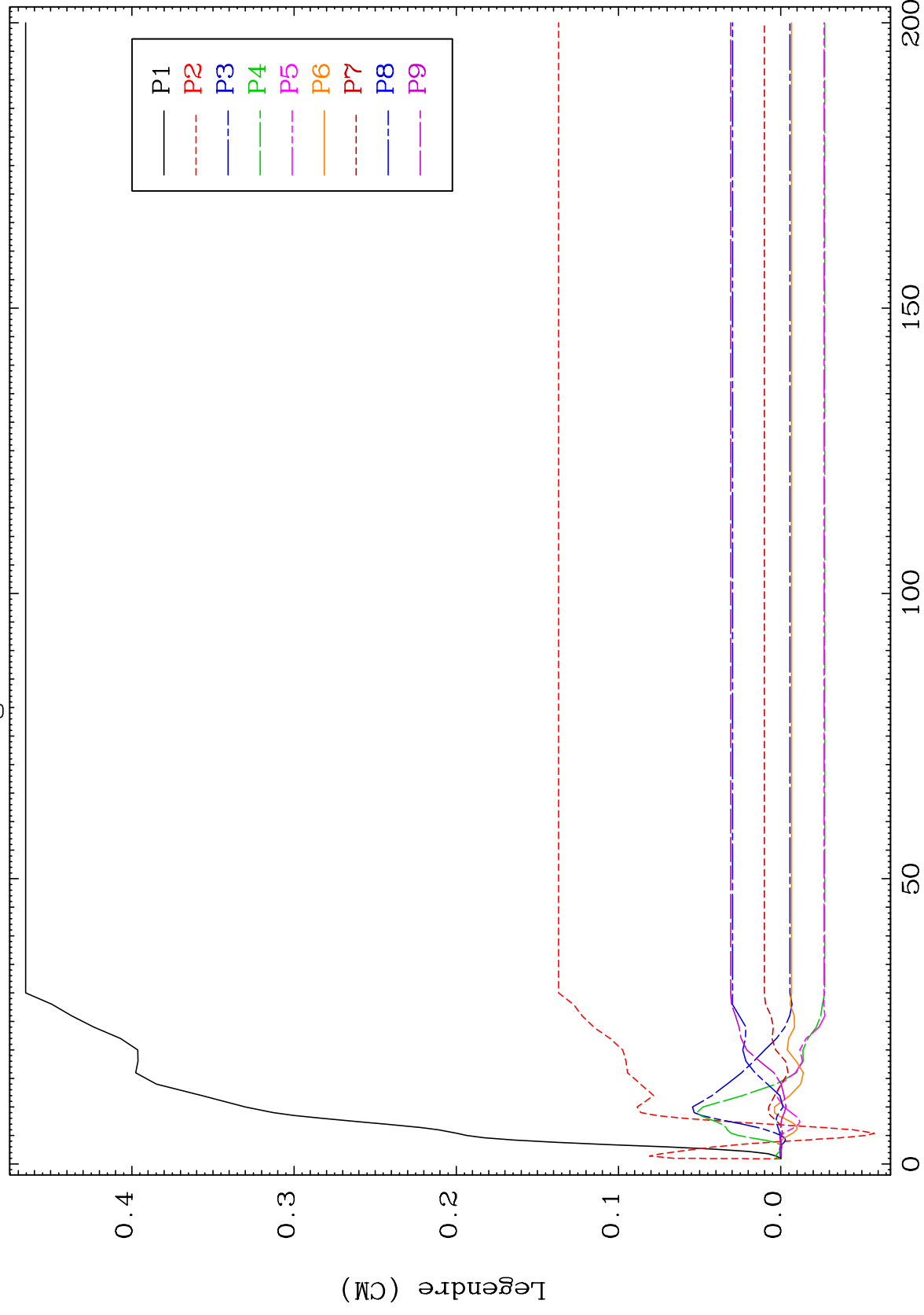
75-Re-179



MAT 7507

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

75-Re-179

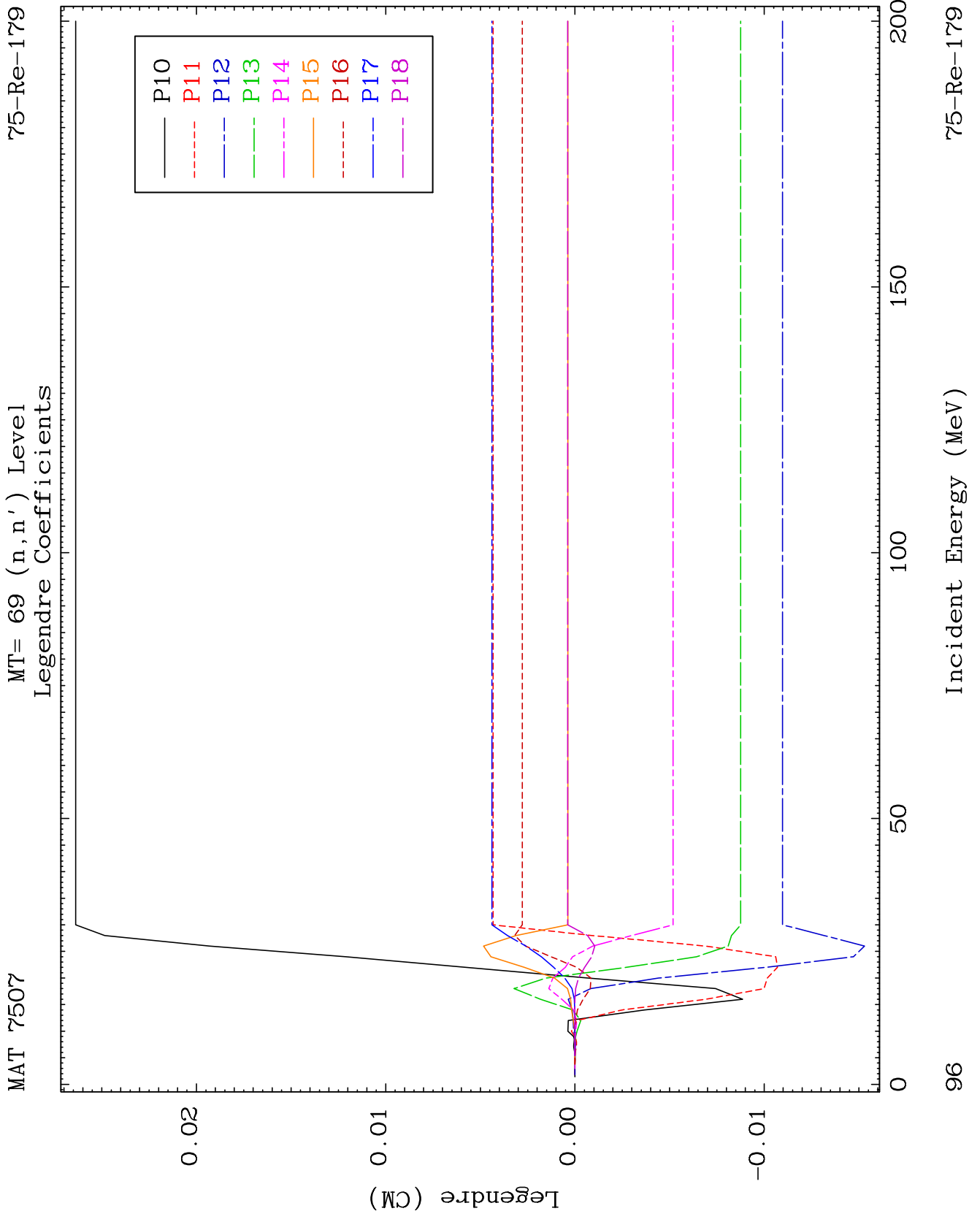


75-Re-179

Incident Energy (MeV)

95

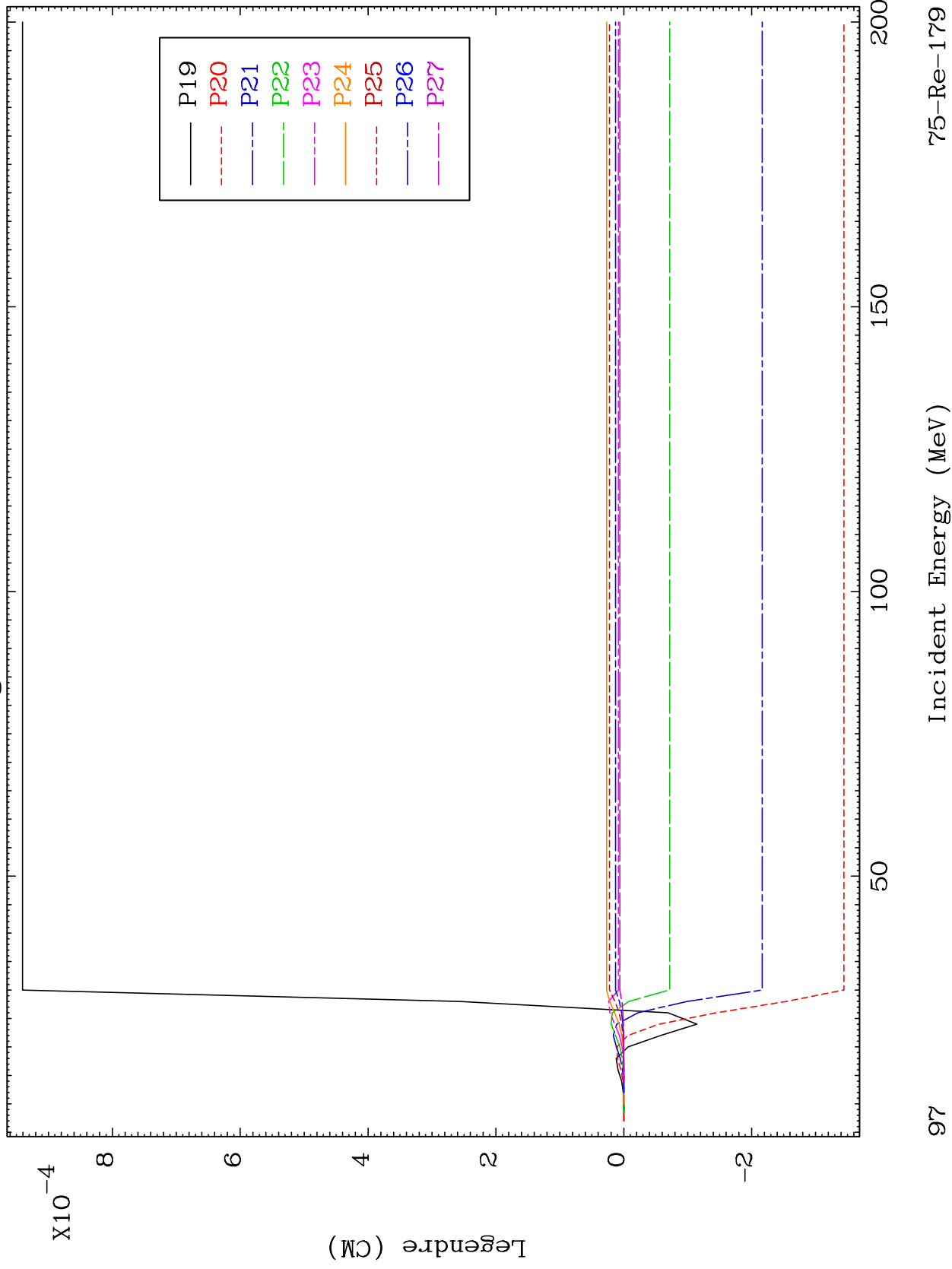




MAT 7507

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

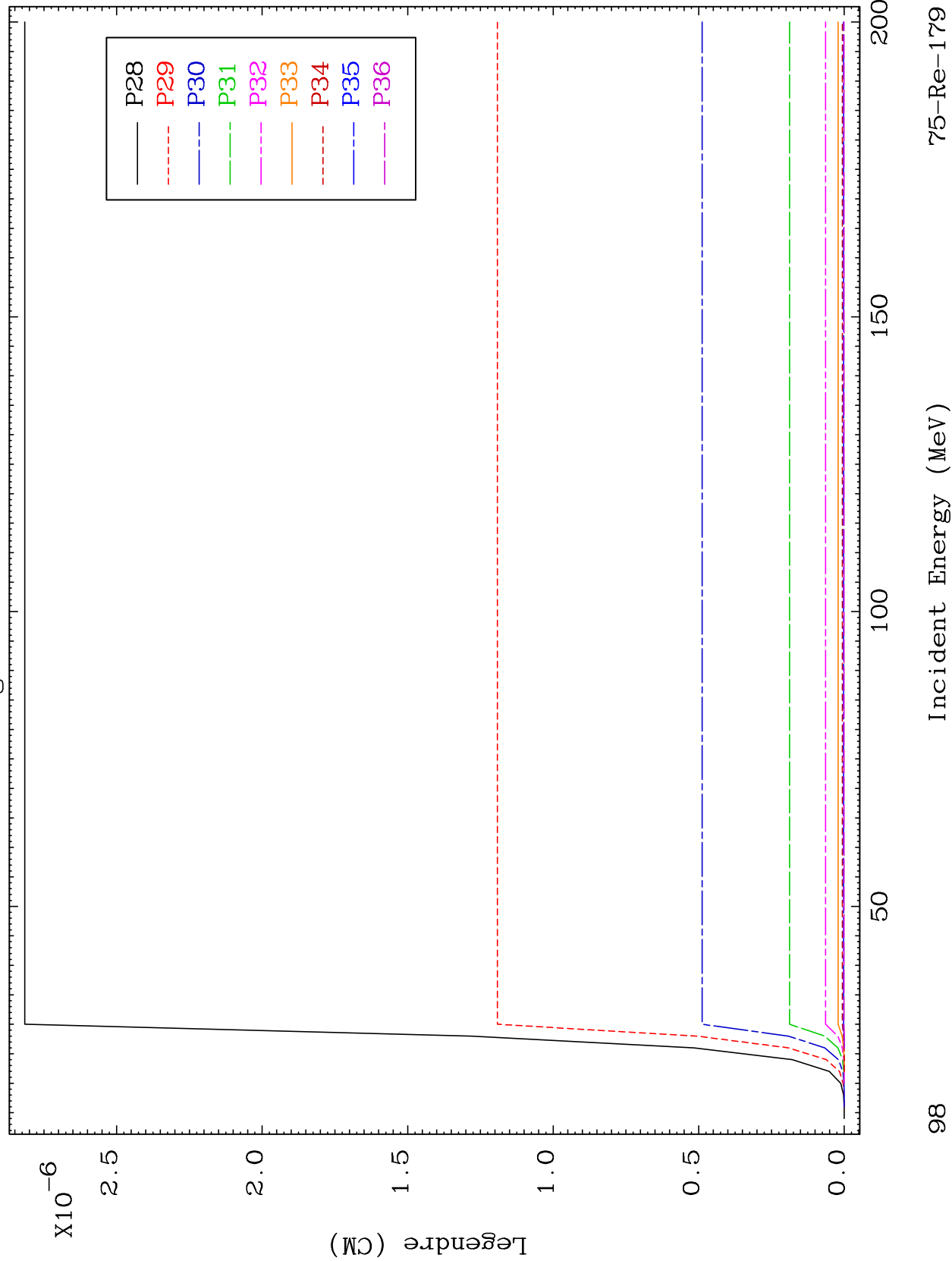
75-Re-179



MAT 7507

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

75-Re-179



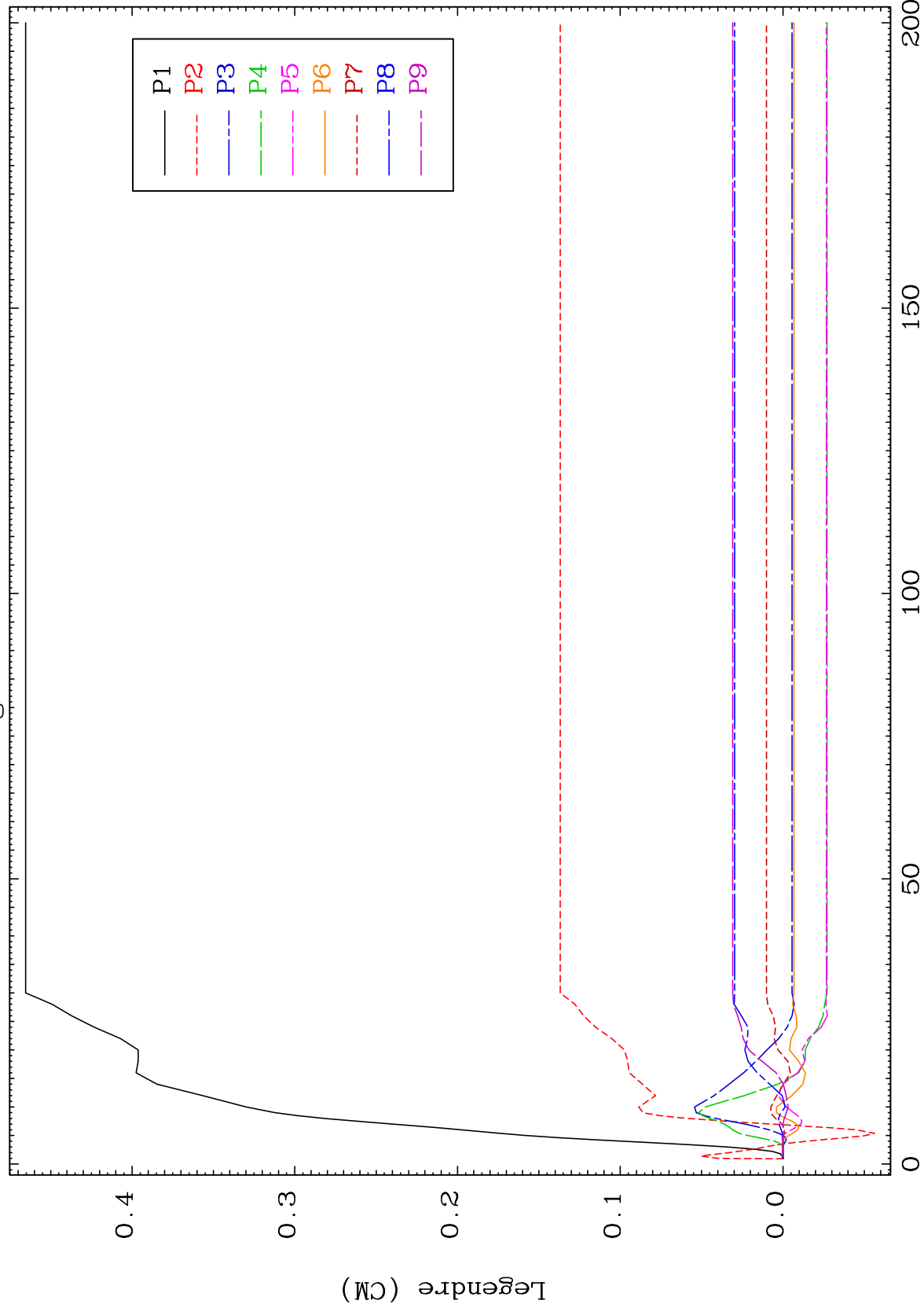
98

75-Re-179

MAT 7507

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

75-Re-179



99

Incident Energy (MeV)

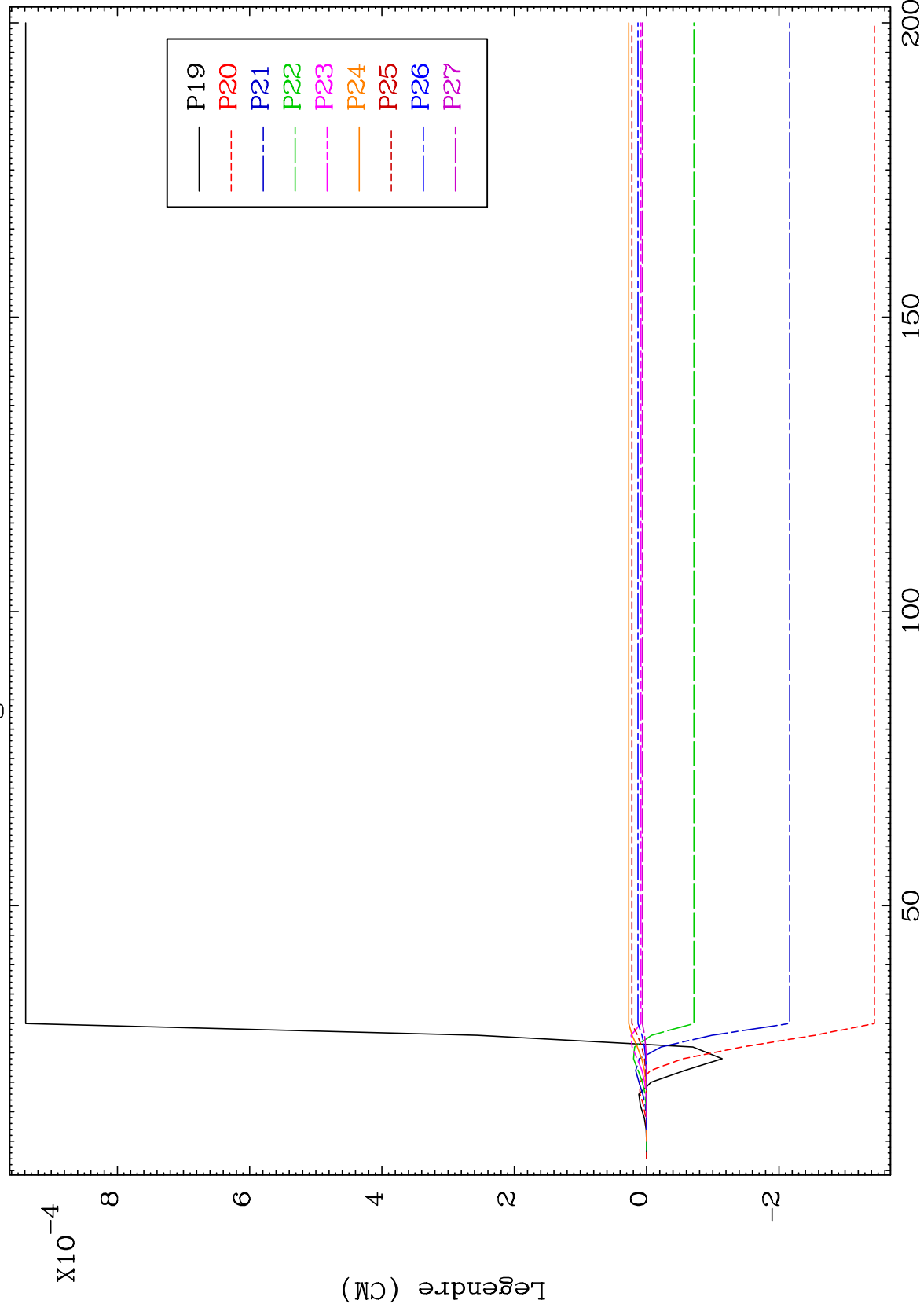
75-Re-179



MAT 7507

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

75-Re-179



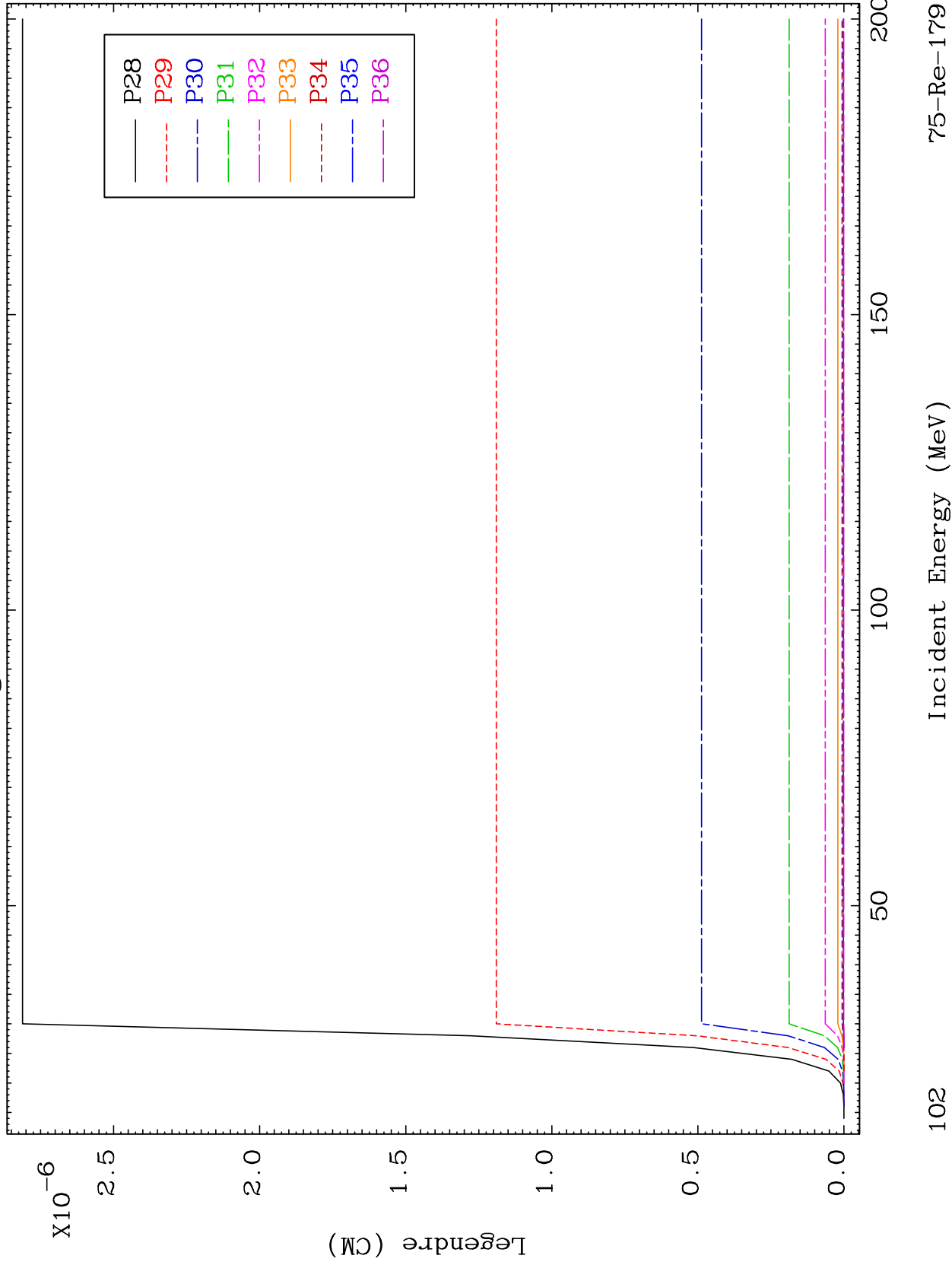
101

75-Re-179

MAT 7507

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

75-Re-179



102

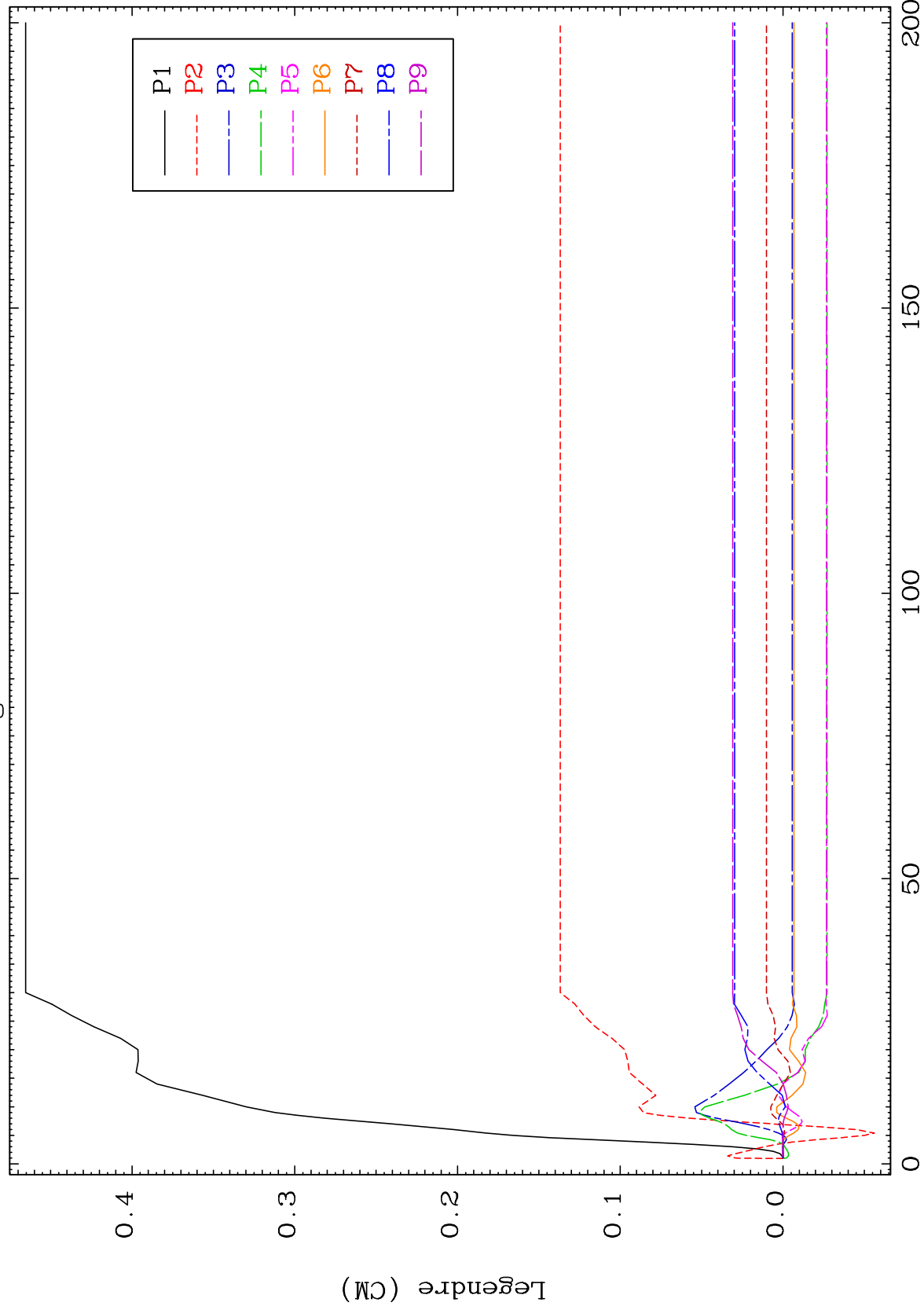
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179

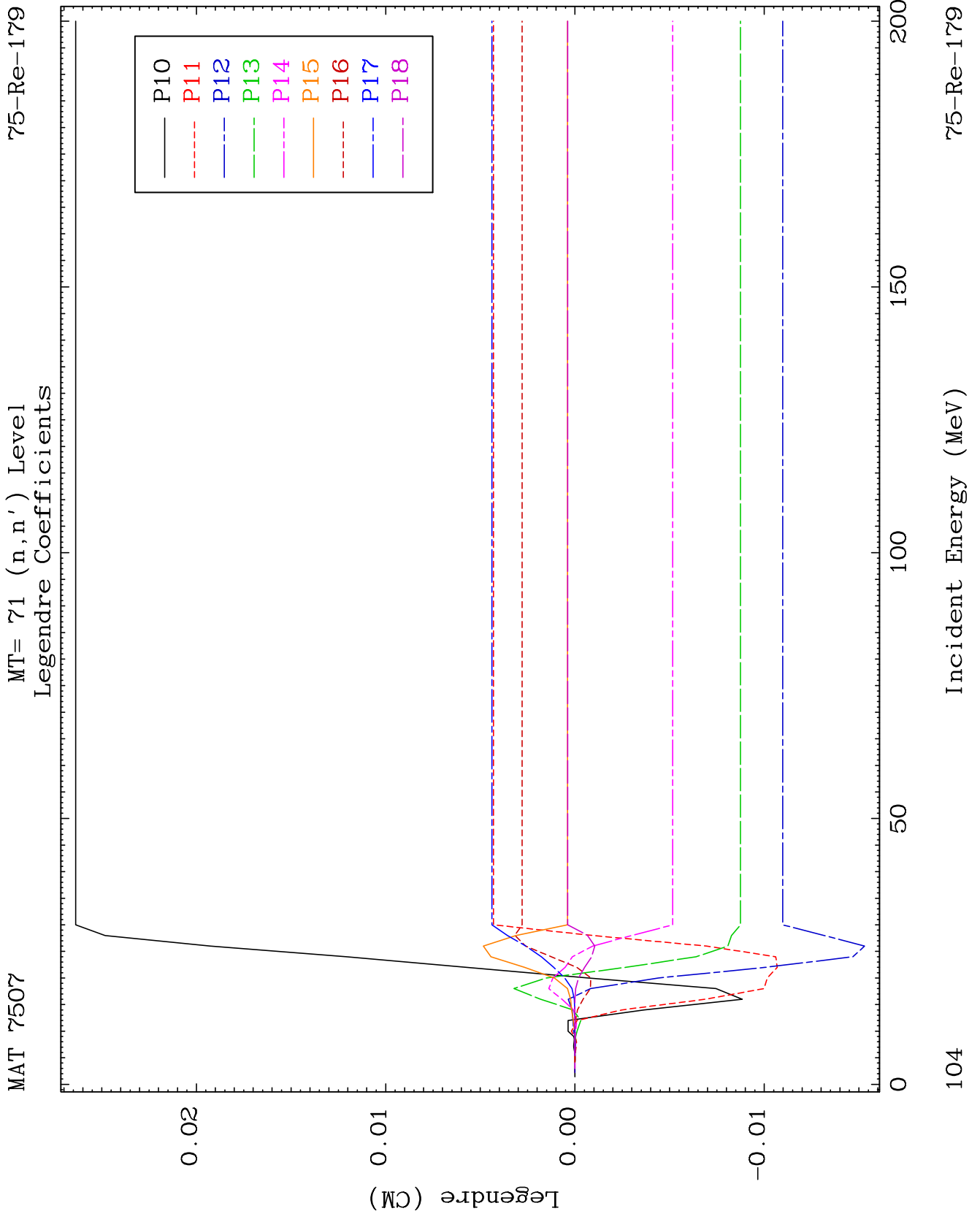


75-Re-179

Incident Energy (MeV)

103

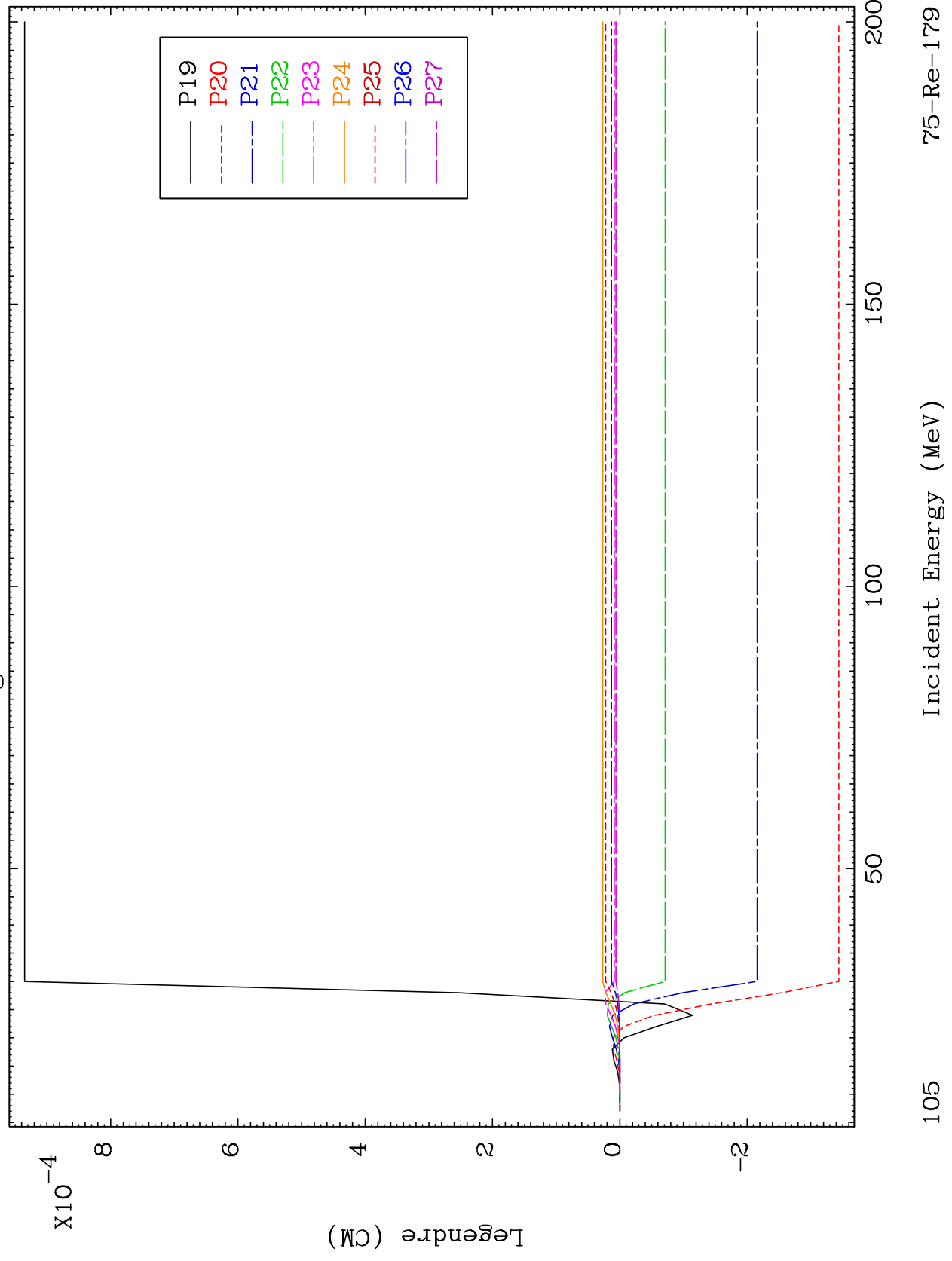




MAT 7507

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

75-Re-179



105

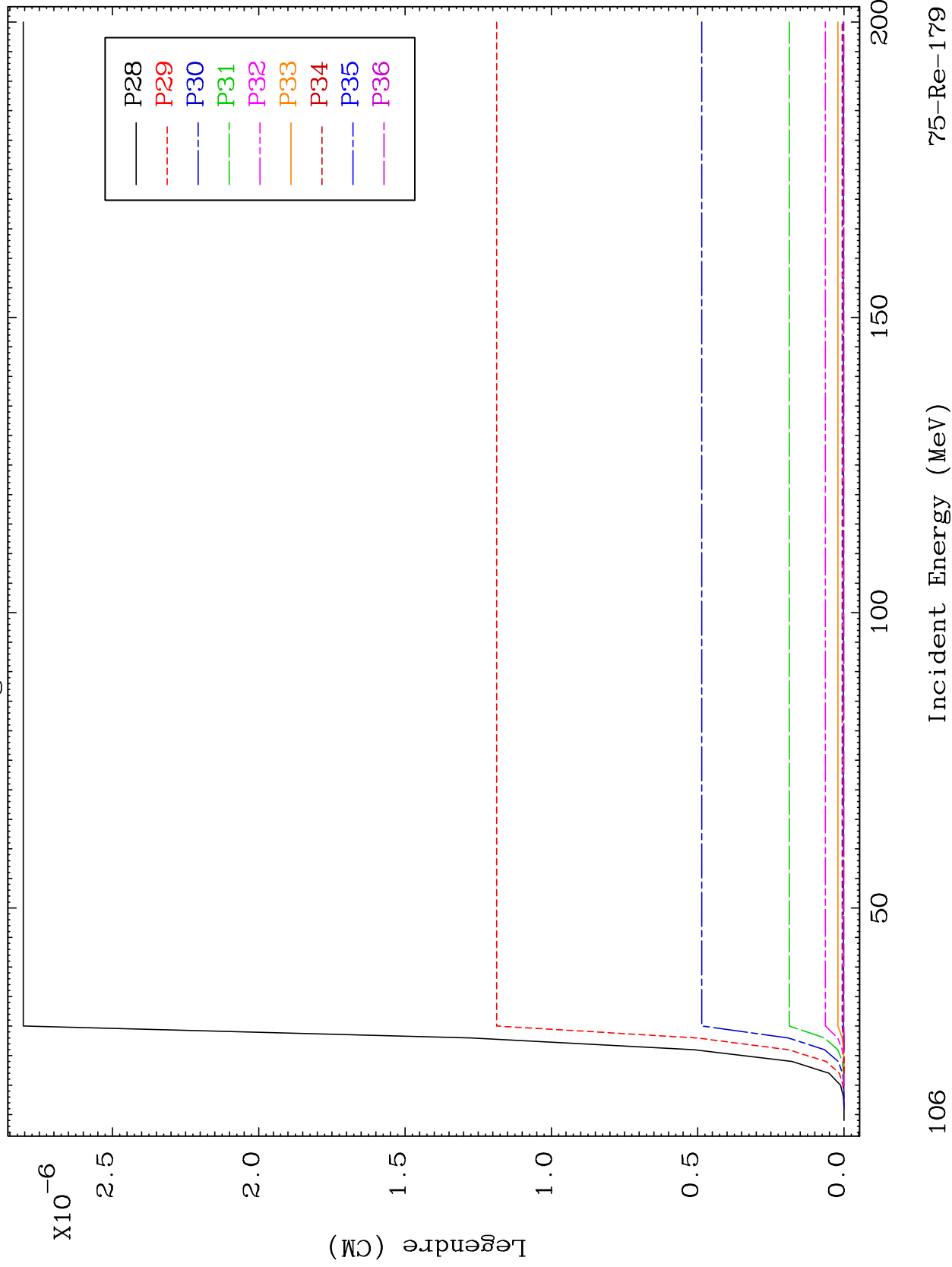
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



106

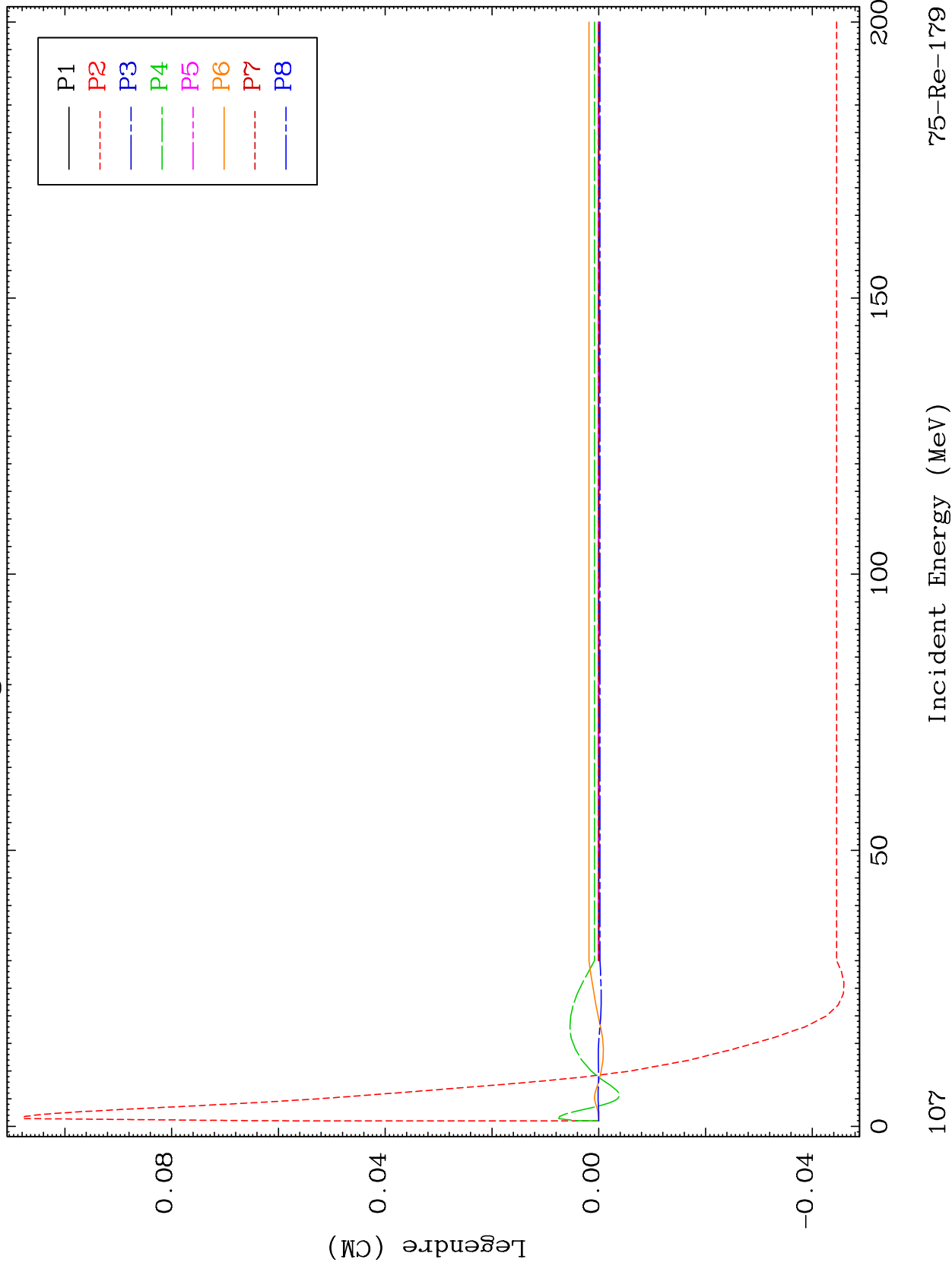
Incident Energy (MeV)

75-Re-179

MAT 7507

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

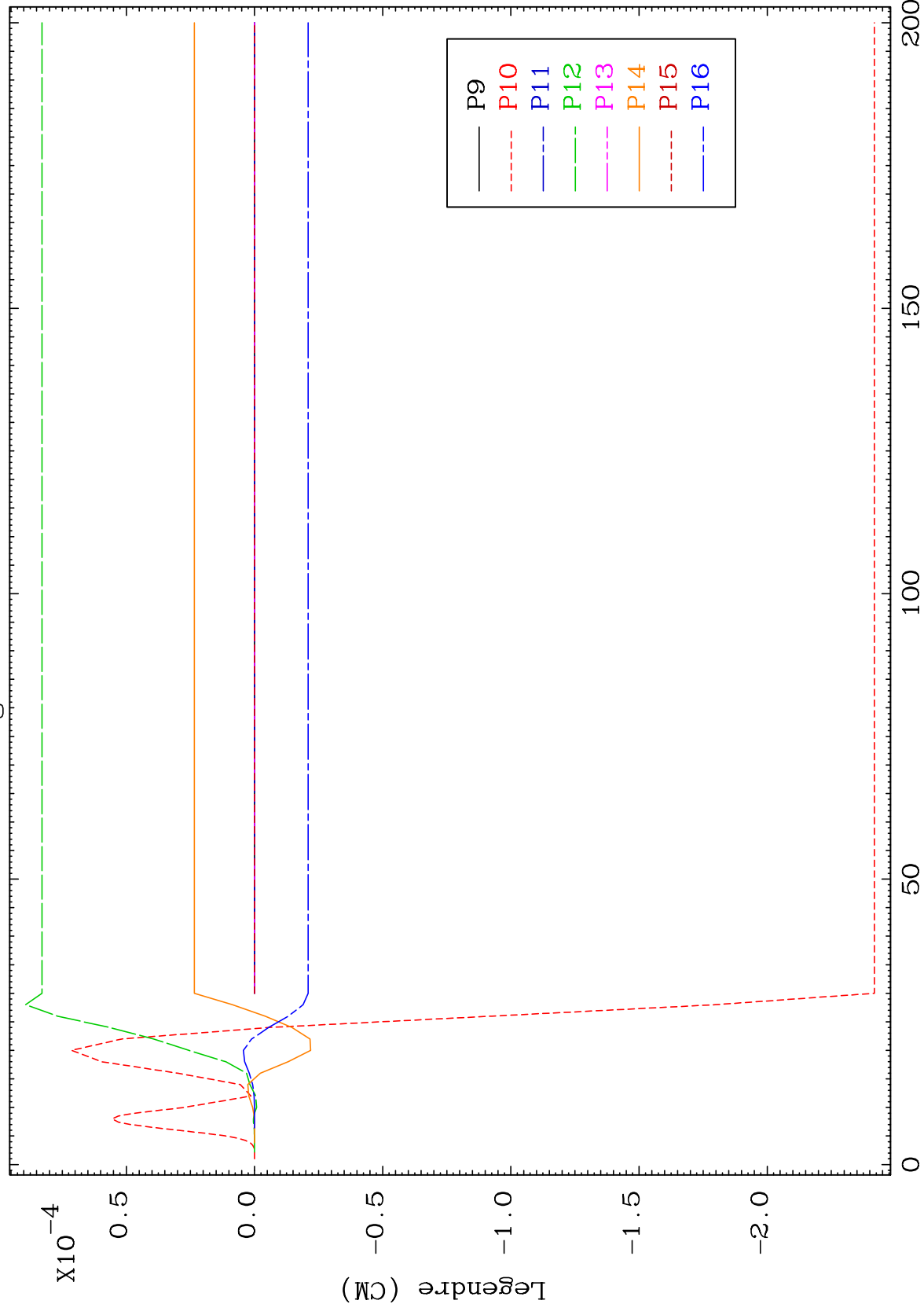
75-Re-179



MAT 7507

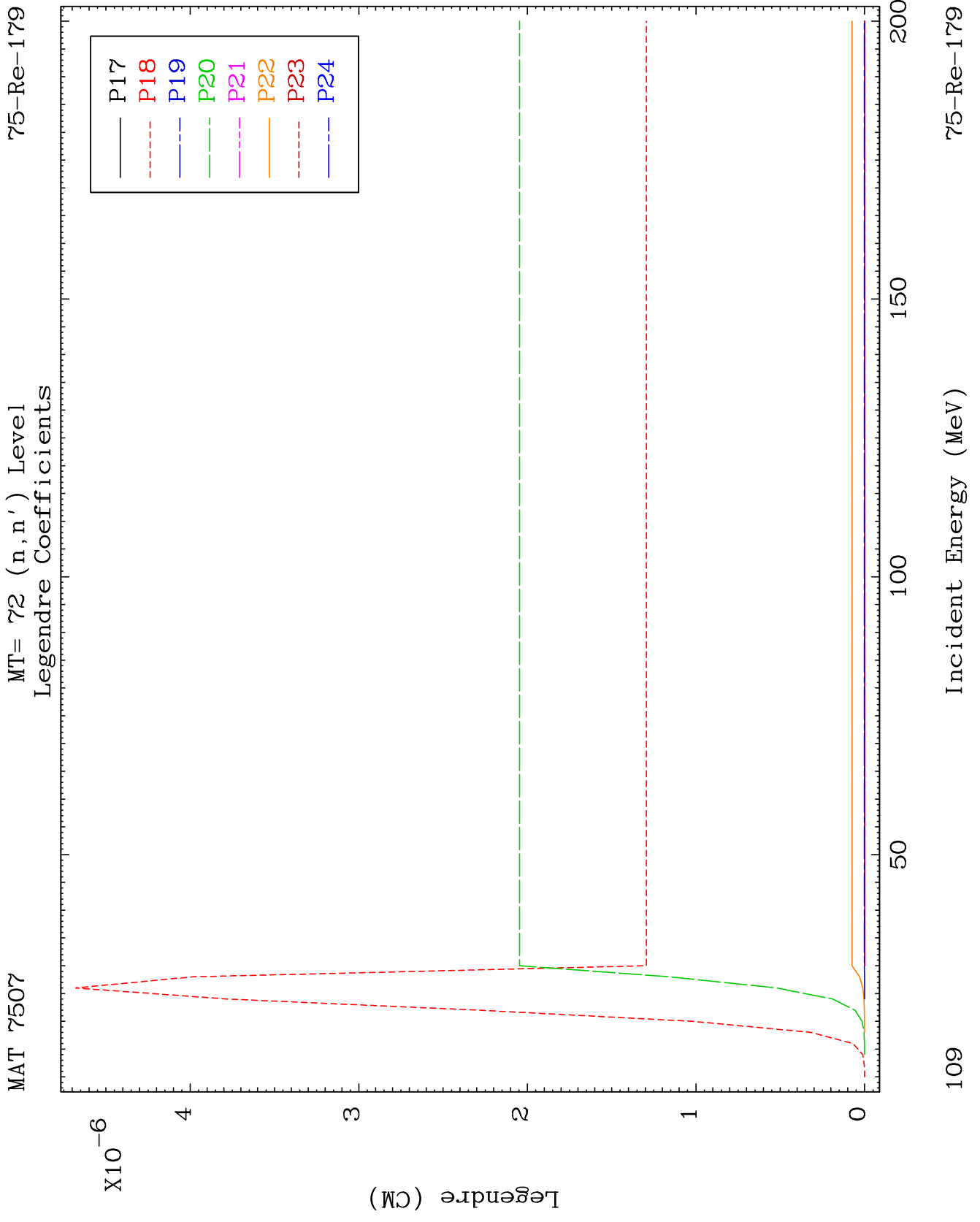
MT= 72 (n,n') Level  
Legendre Coefficients

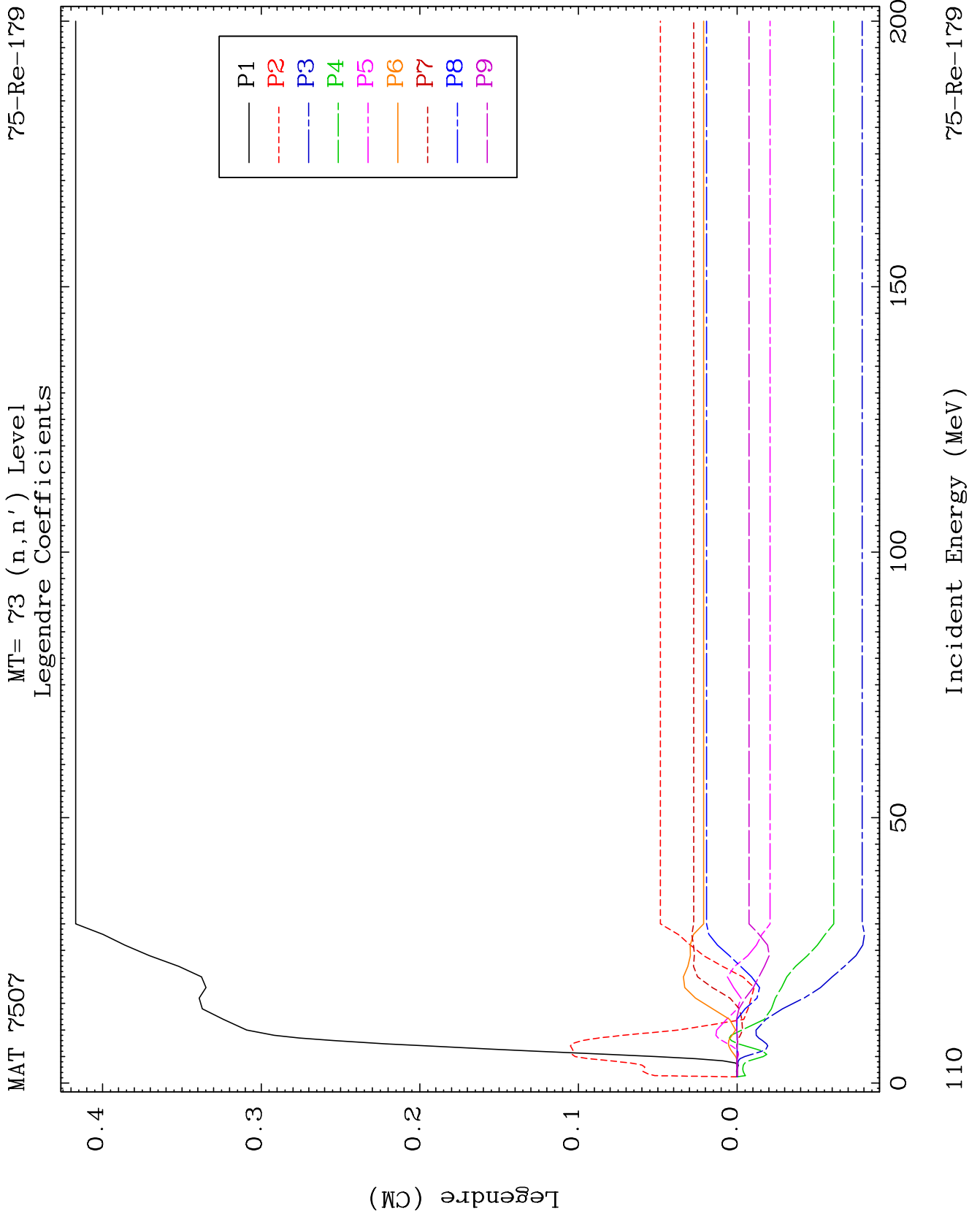
75-Re-179



108

75-Re-179

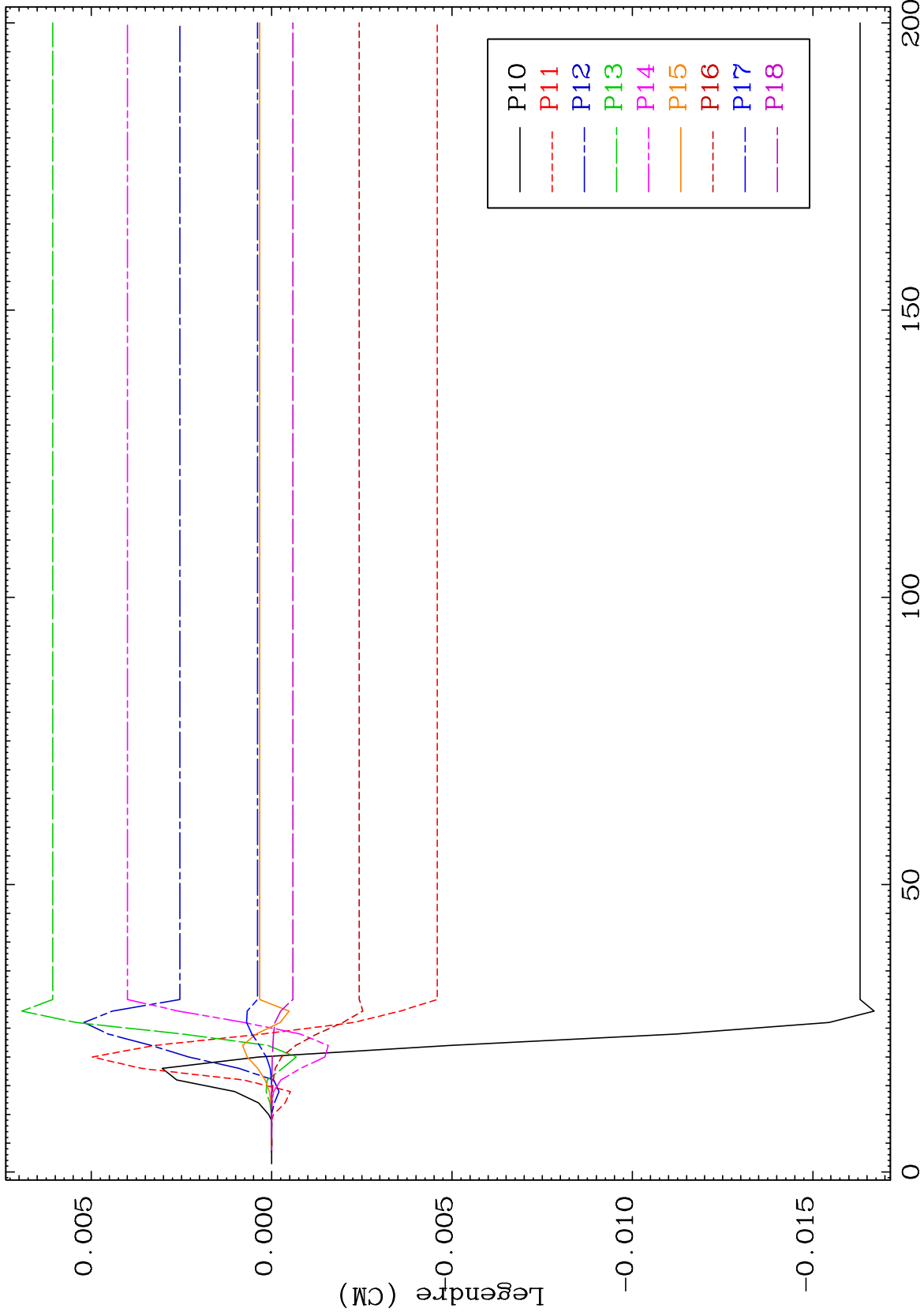




MAT 7507

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

75-Re-179



111

Incident Energy (MeV)

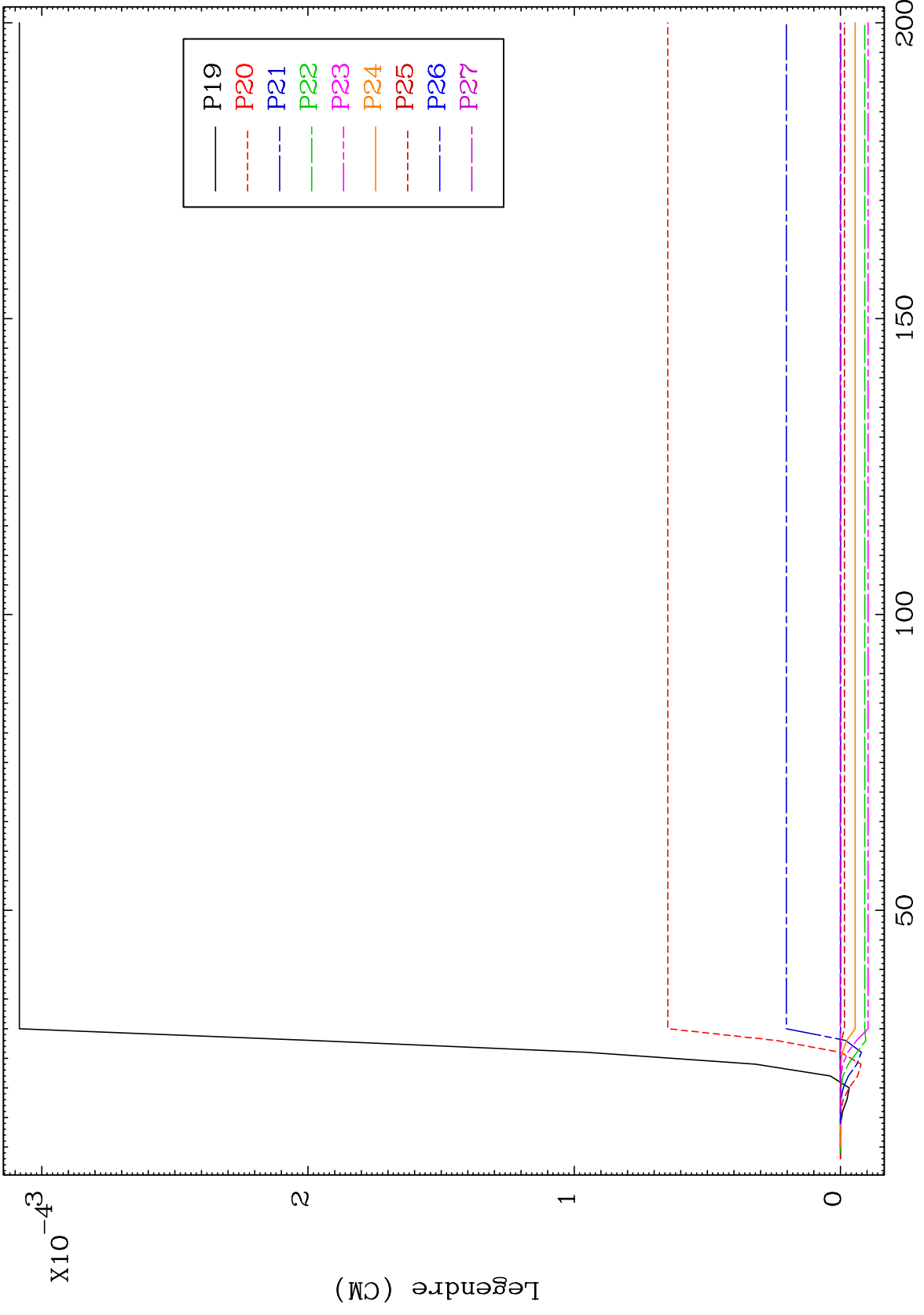
75-Re-179



MAT 7507

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

75-Re-179



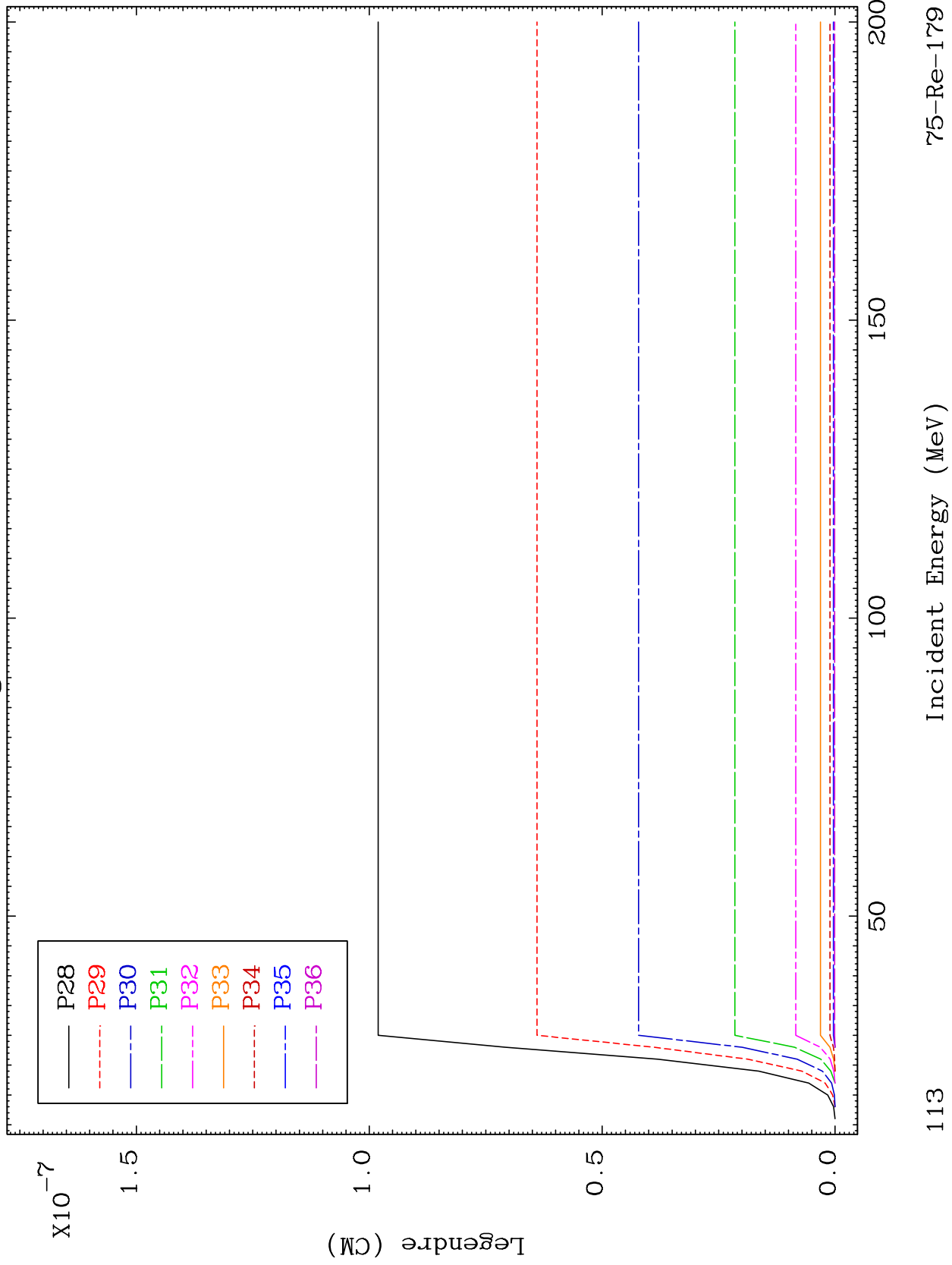
112

75-Re-179

MAT 7507

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

75-Re-179



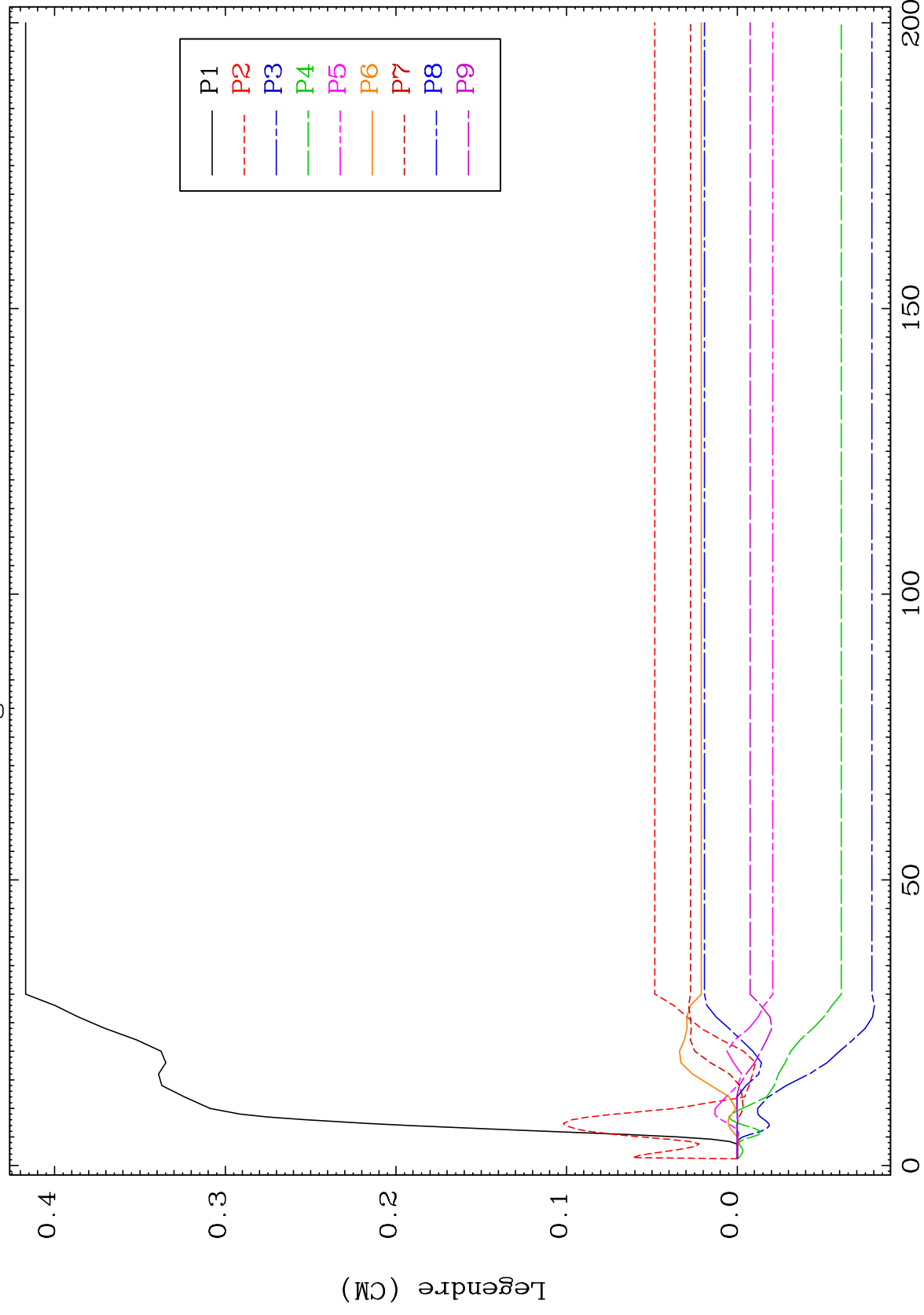
113

75-Re-179

MAT 7507

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

75-Re-179



114

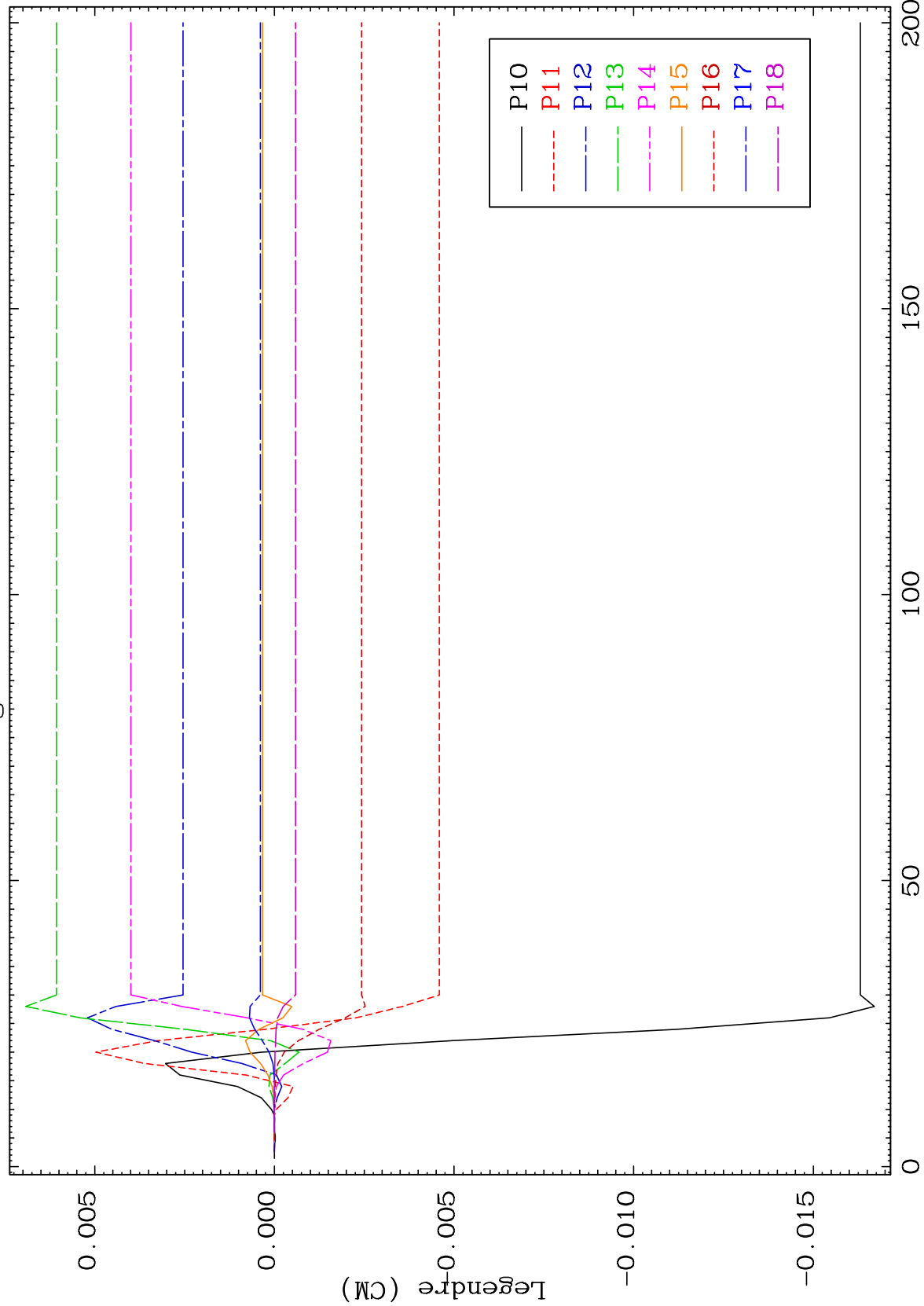
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



75-Re-179

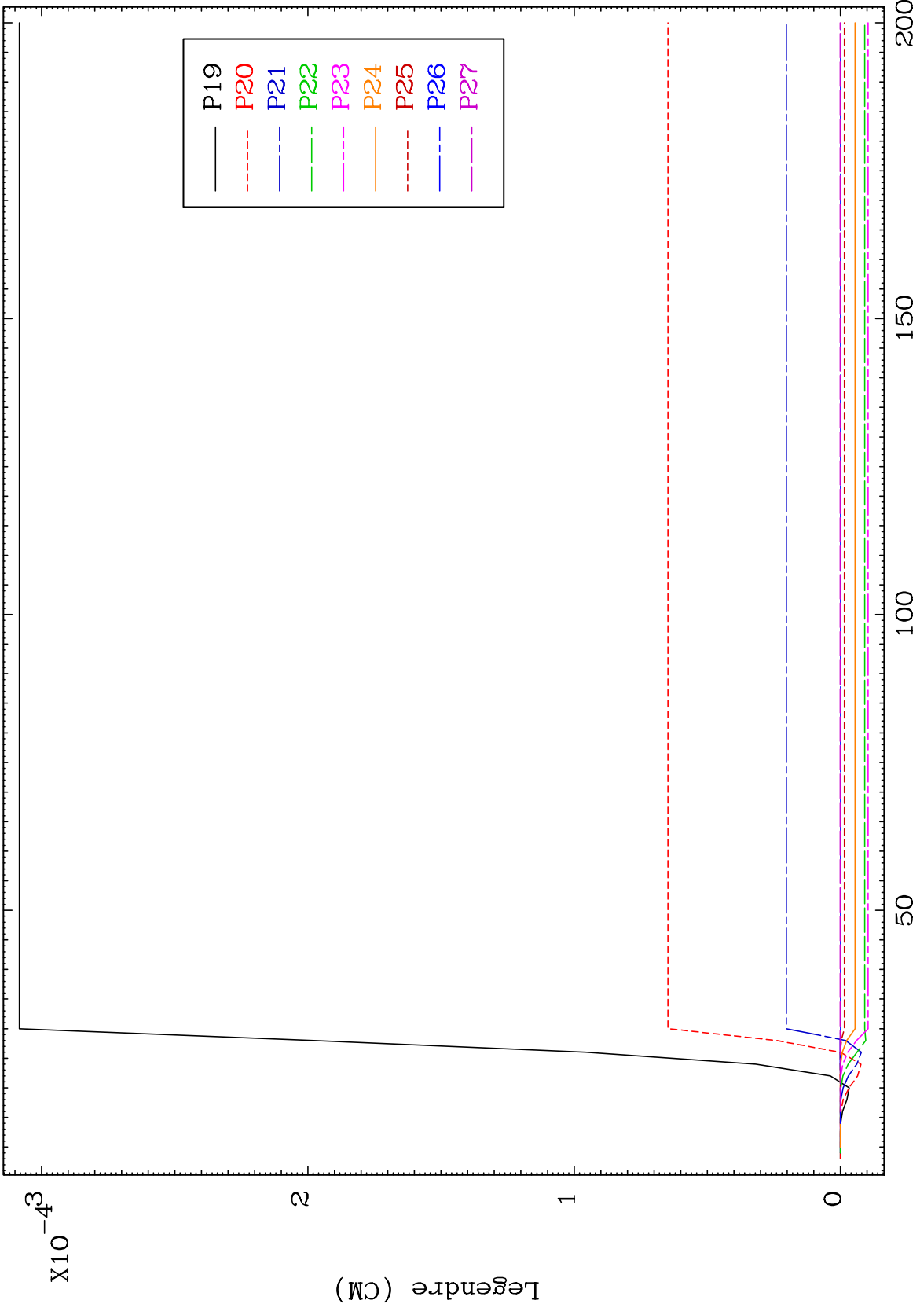
Incident Energy (MeV)

115

MAT 7507

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

75-Re-179



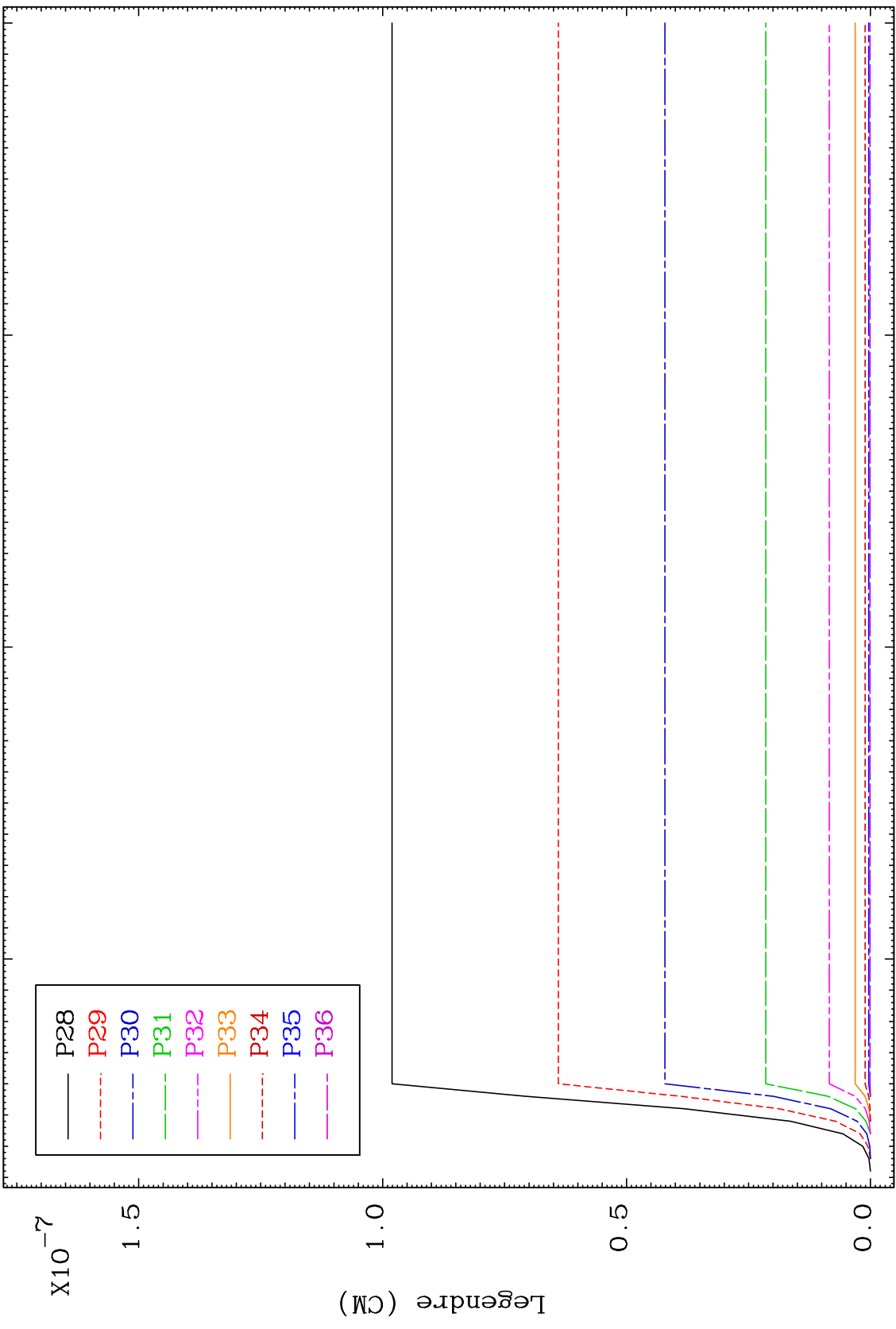
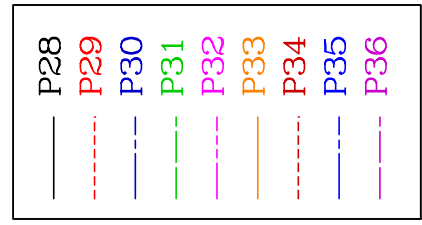
116

75-Re-179

MAT 7507

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

75-Re-179



117

Incident Energy (MeV)

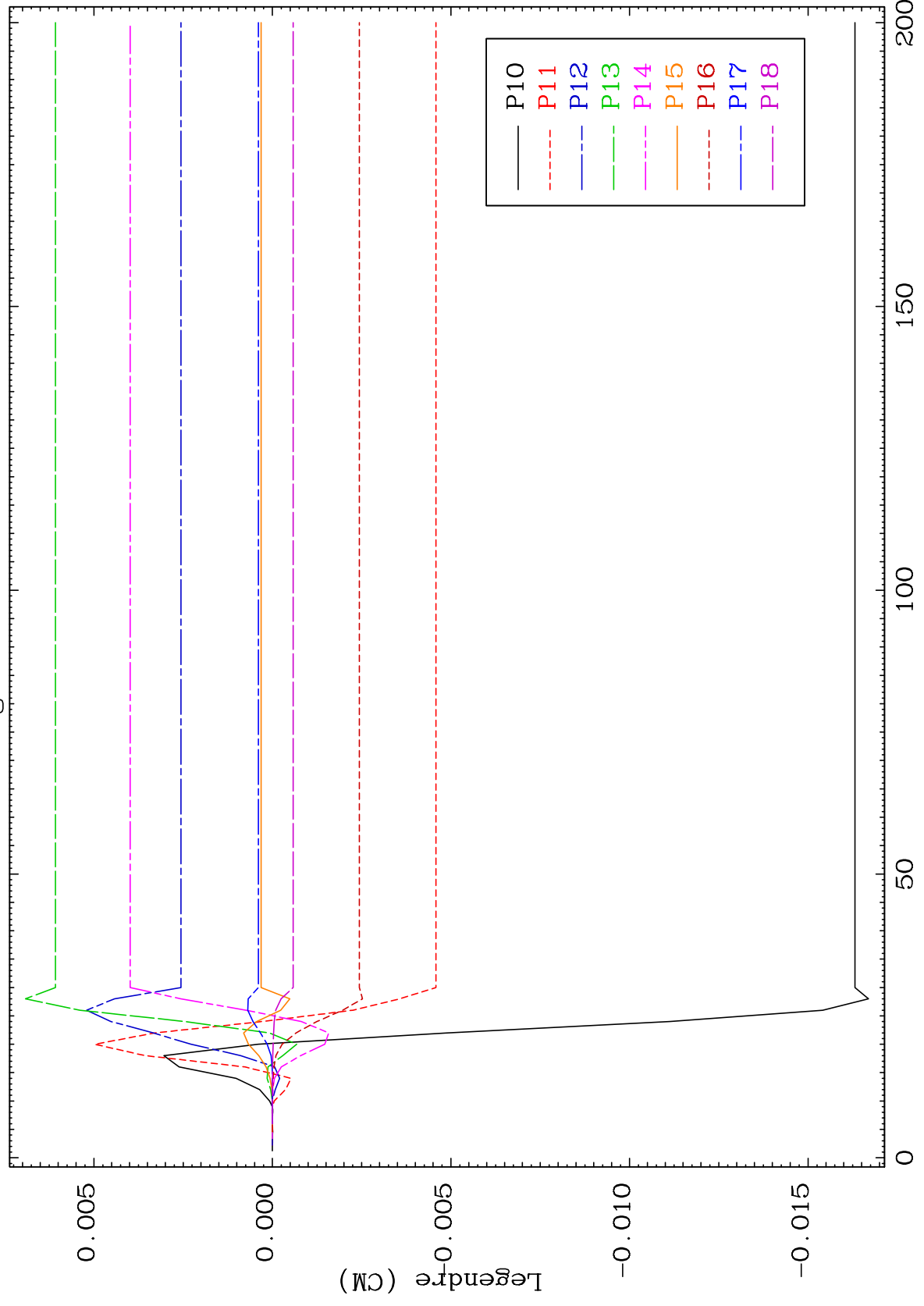
75-Re-179



MAT 7507

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

75-Re-179



119

Incident Energy (MeV)

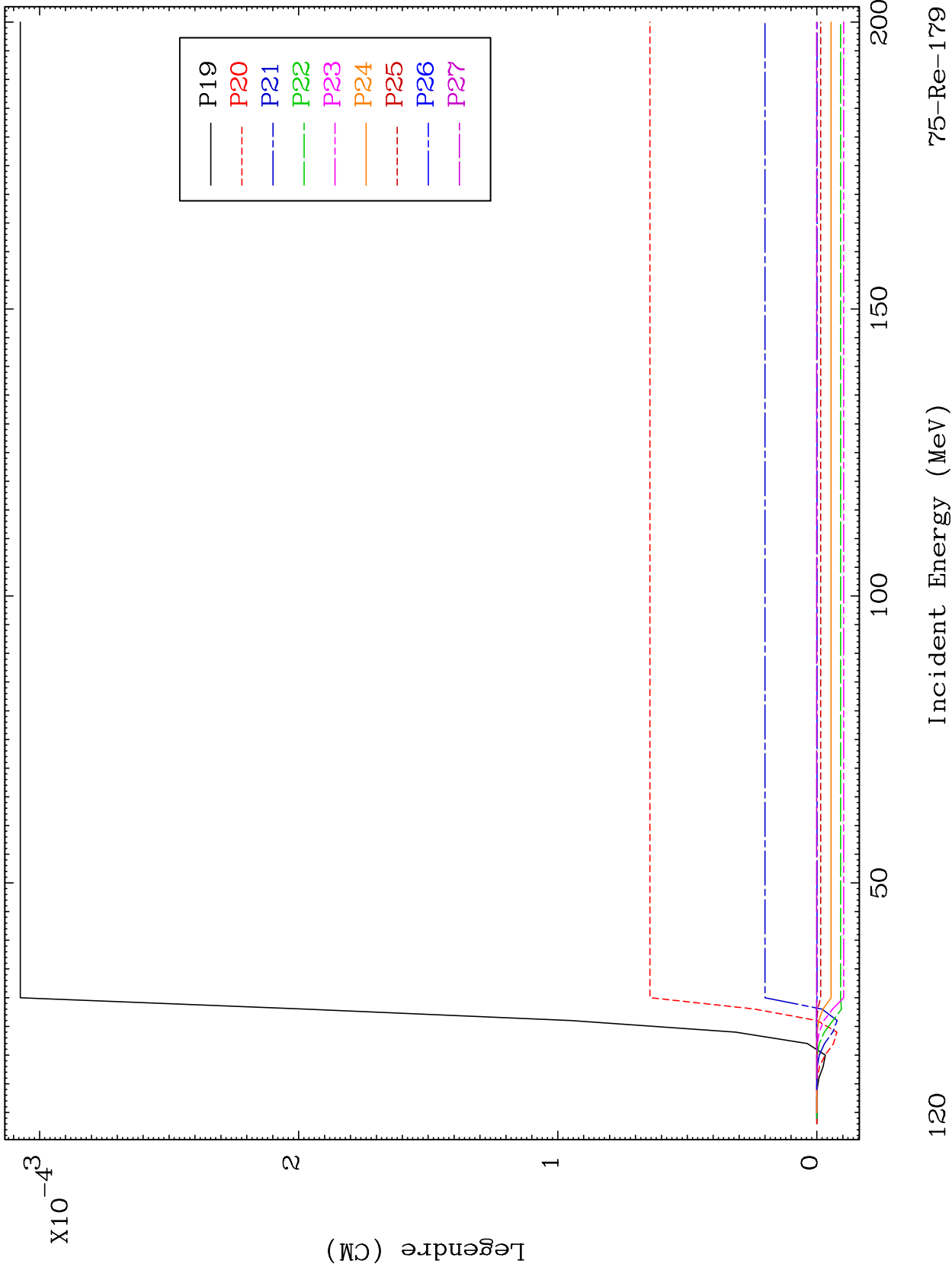
75-Re-179



MAT 7507

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

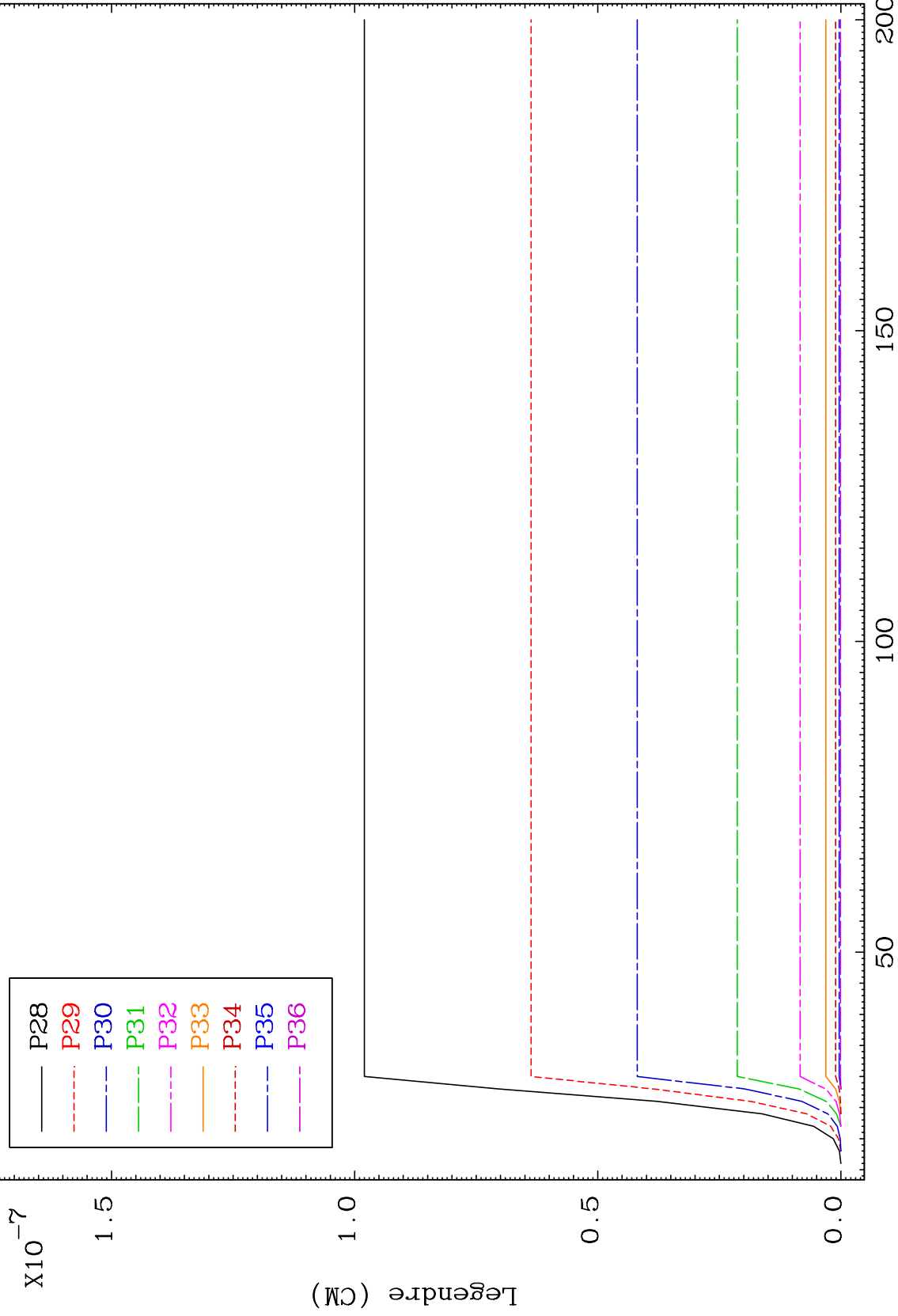
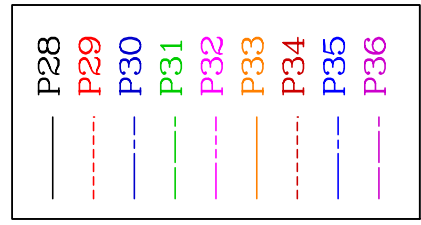
75-Re-179



MAT 7507

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

75-Re-179



121

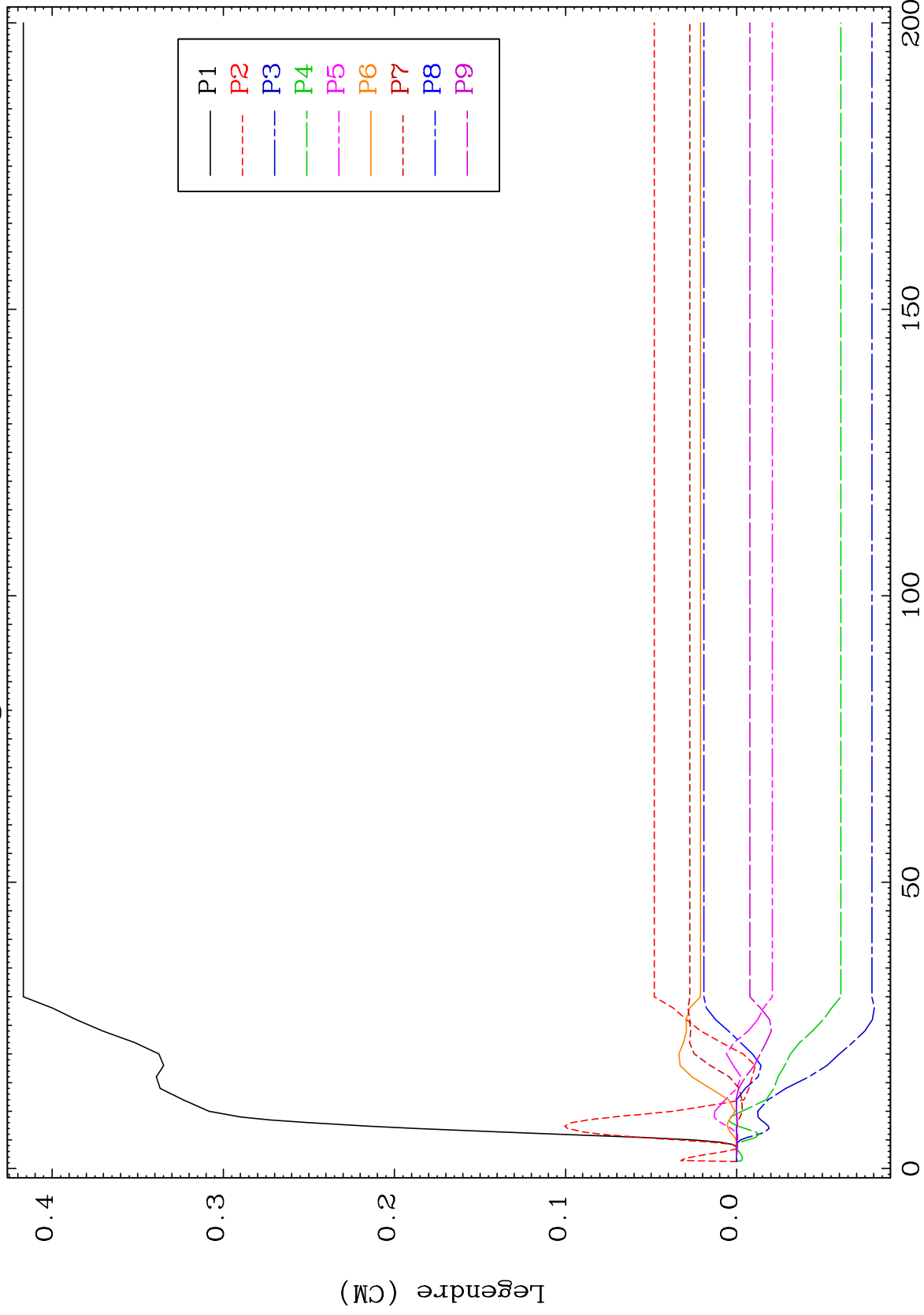
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



75-Re-179

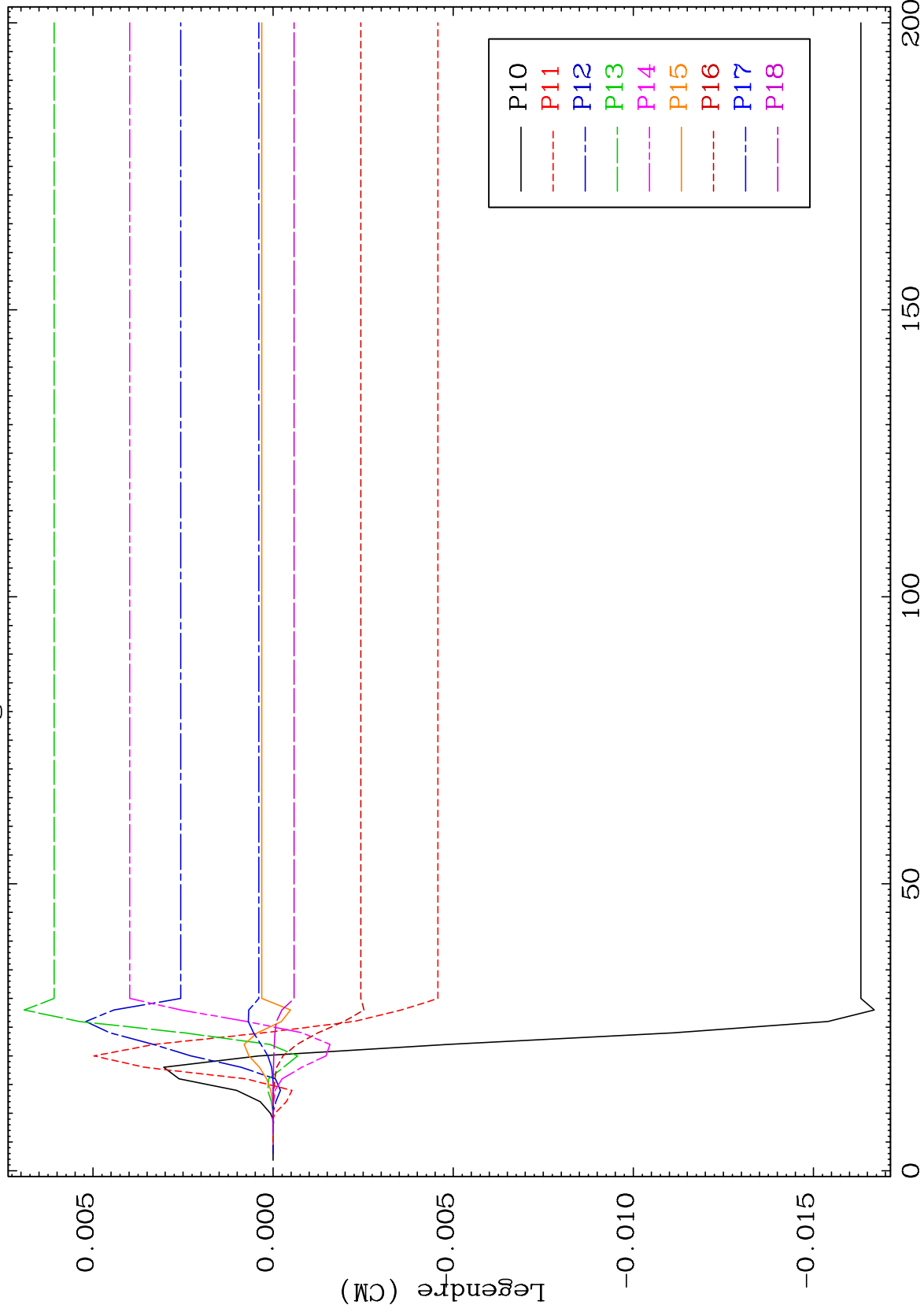
Incident Energy (MeV)

122

MAT 7507

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

75-Re-179



123

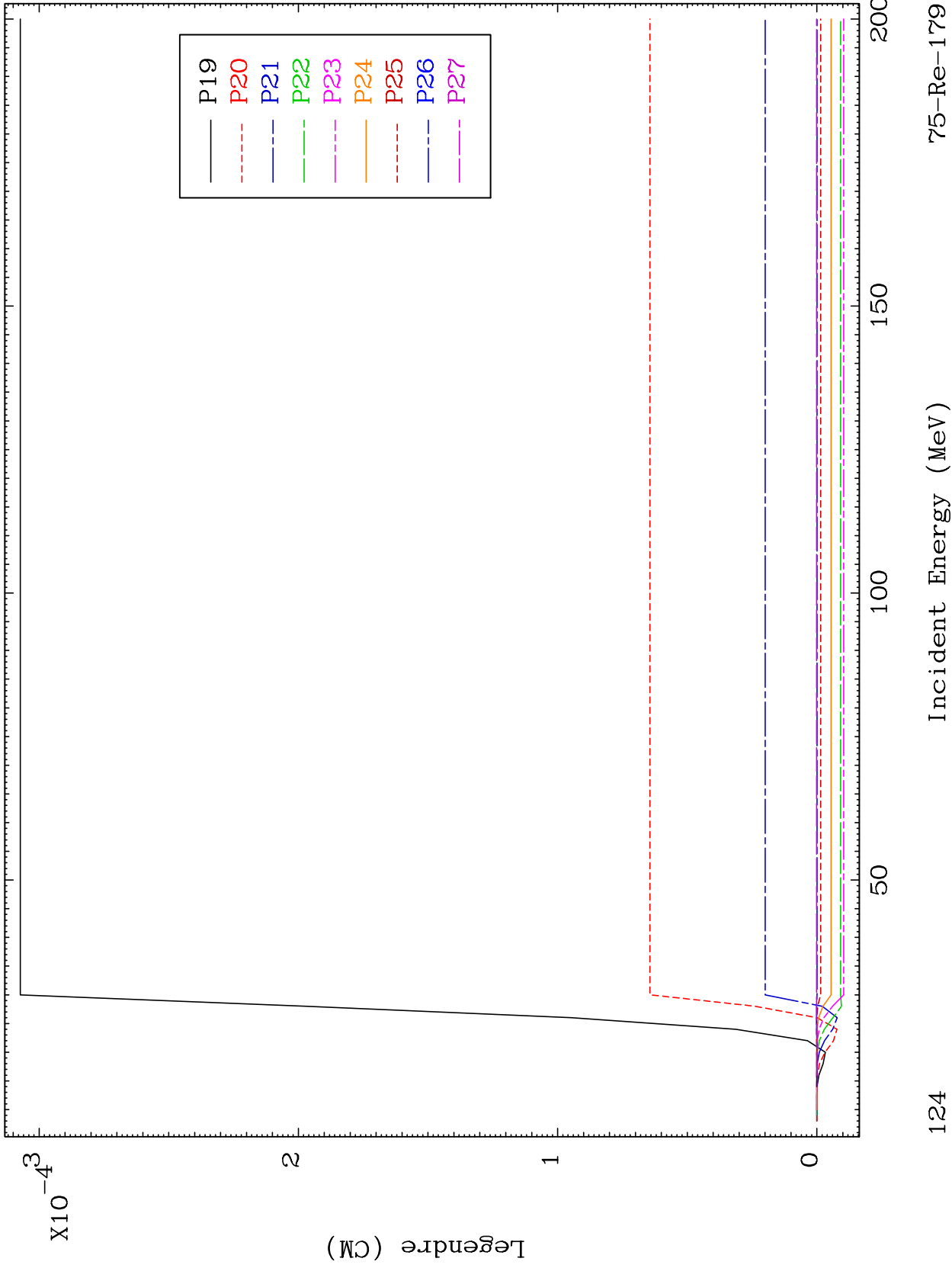
Incident Energy (MeV)

75-Re-179

MAT 7507

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

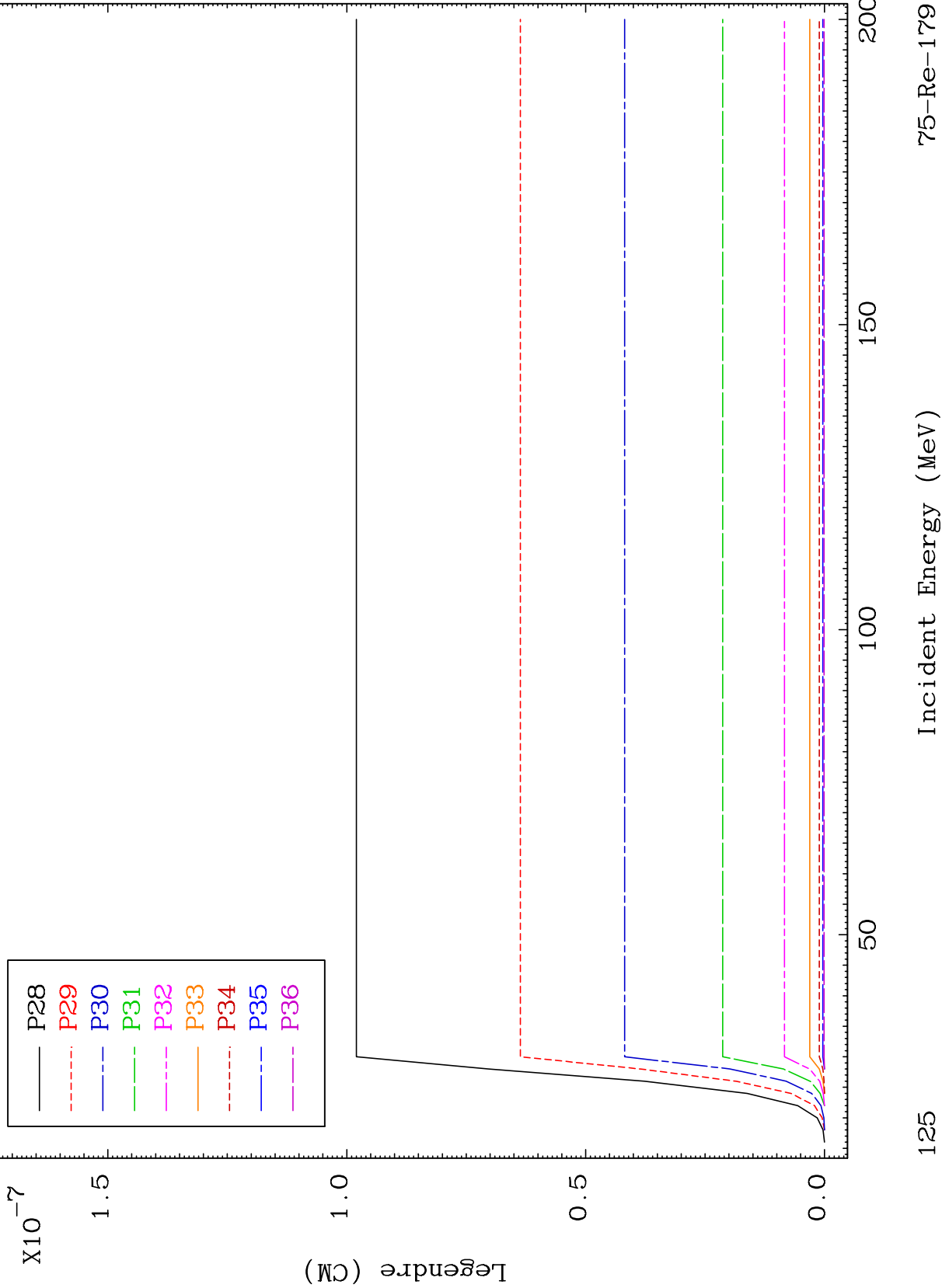
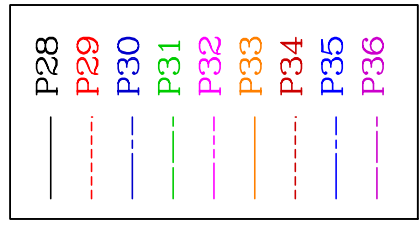
75-Re-179



MAT 7507

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

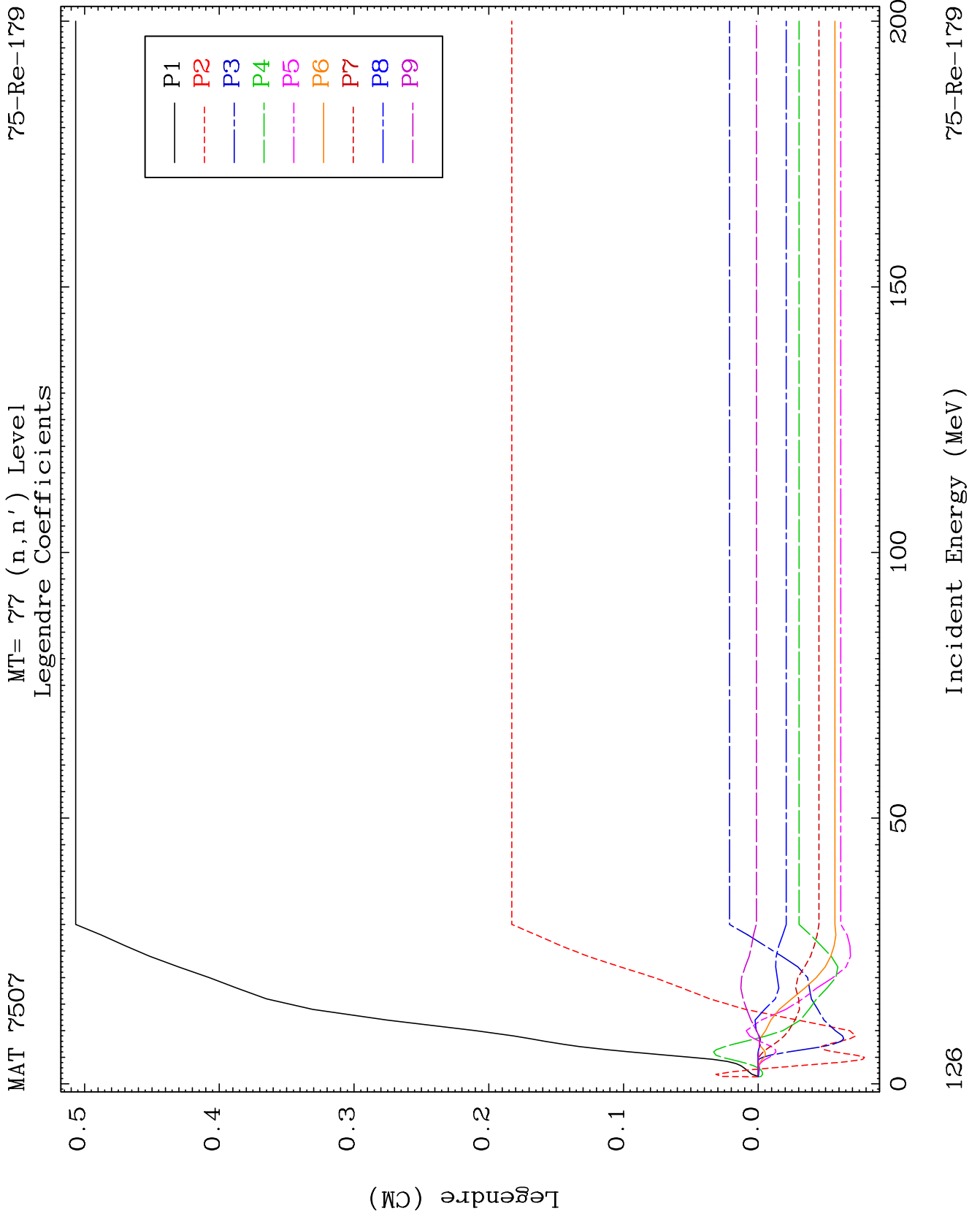
75-Re-179

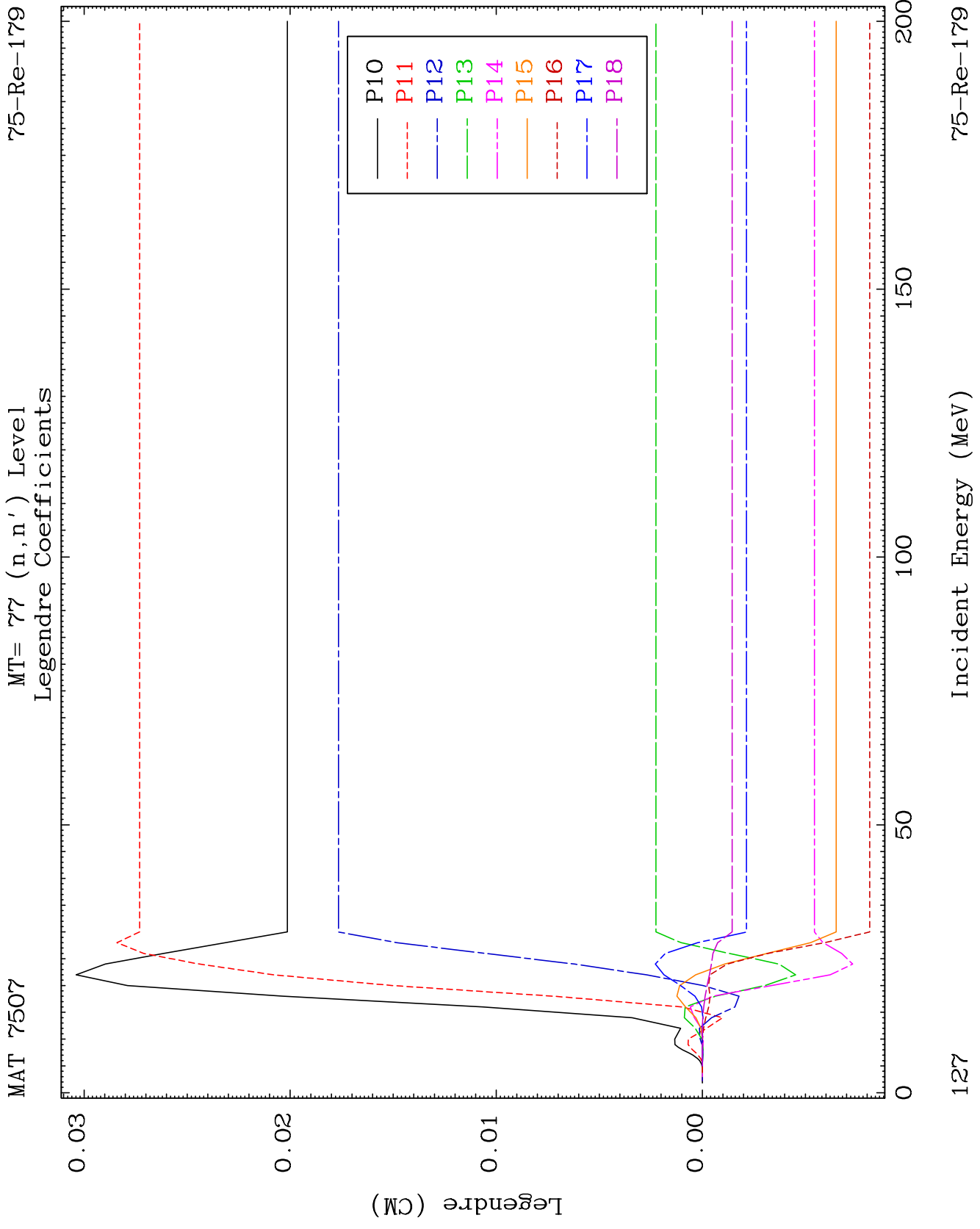


75-Re-179

Incident Energy (MeV)

125



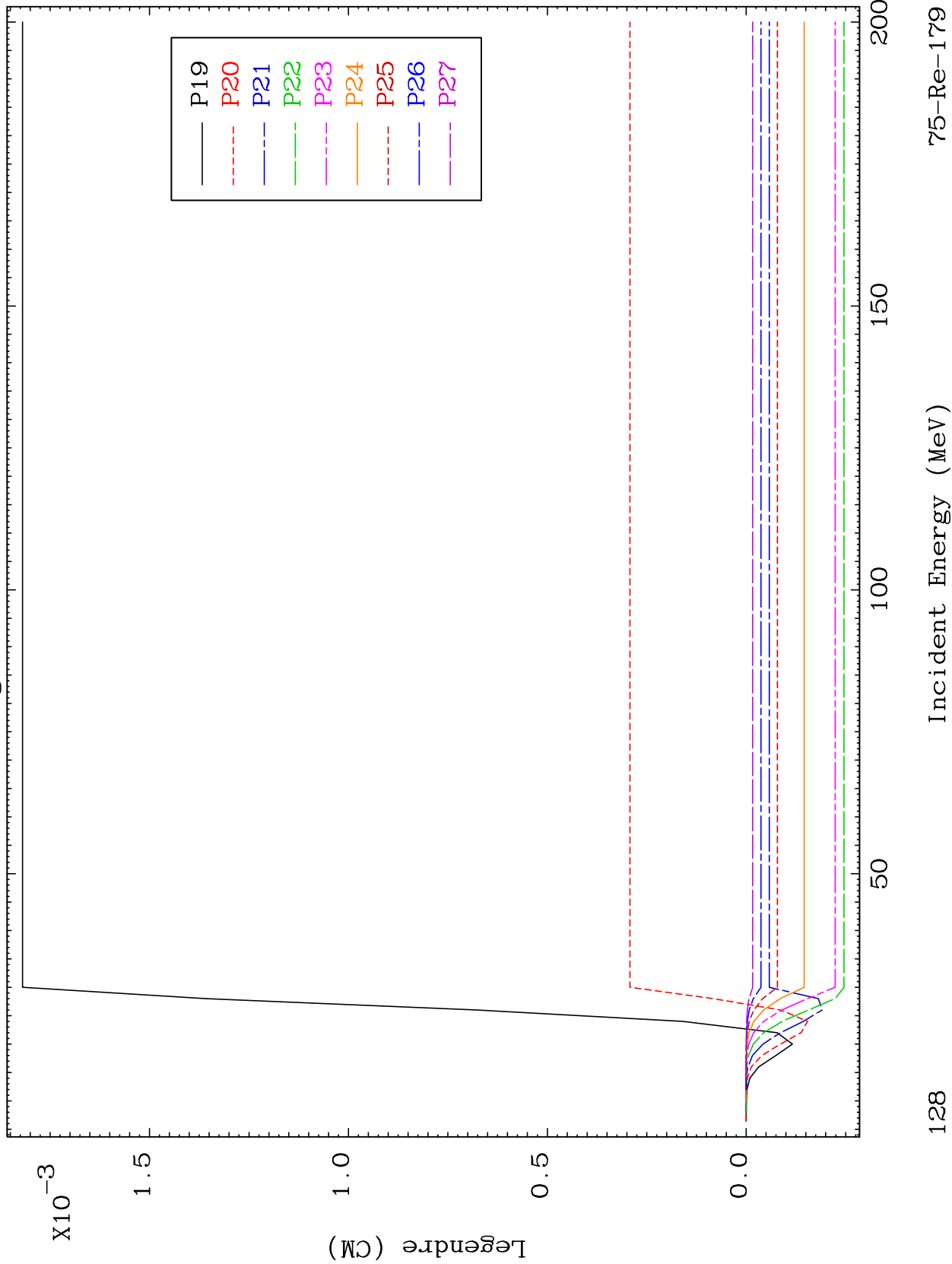


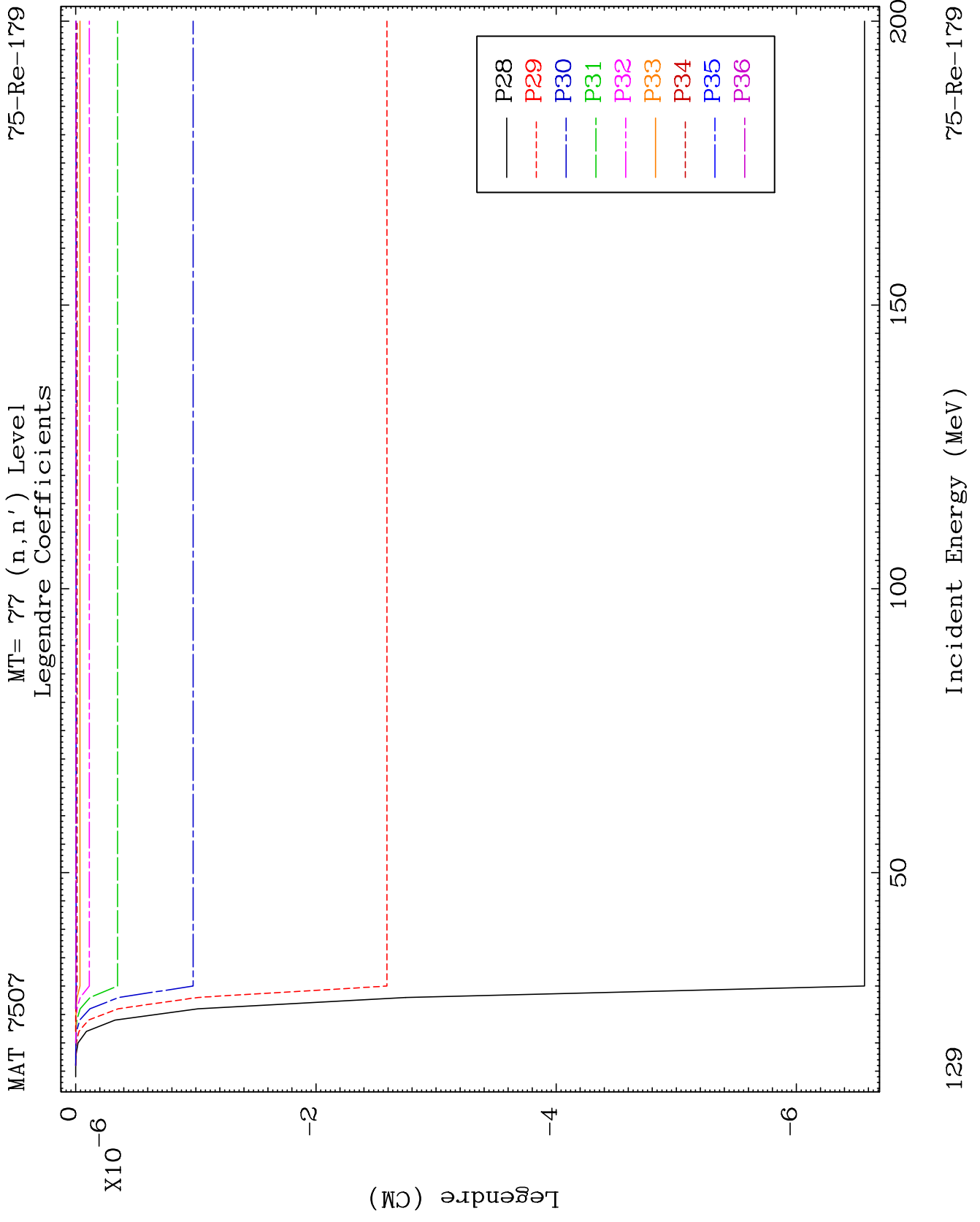


MAT 7507

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

75-Re-179



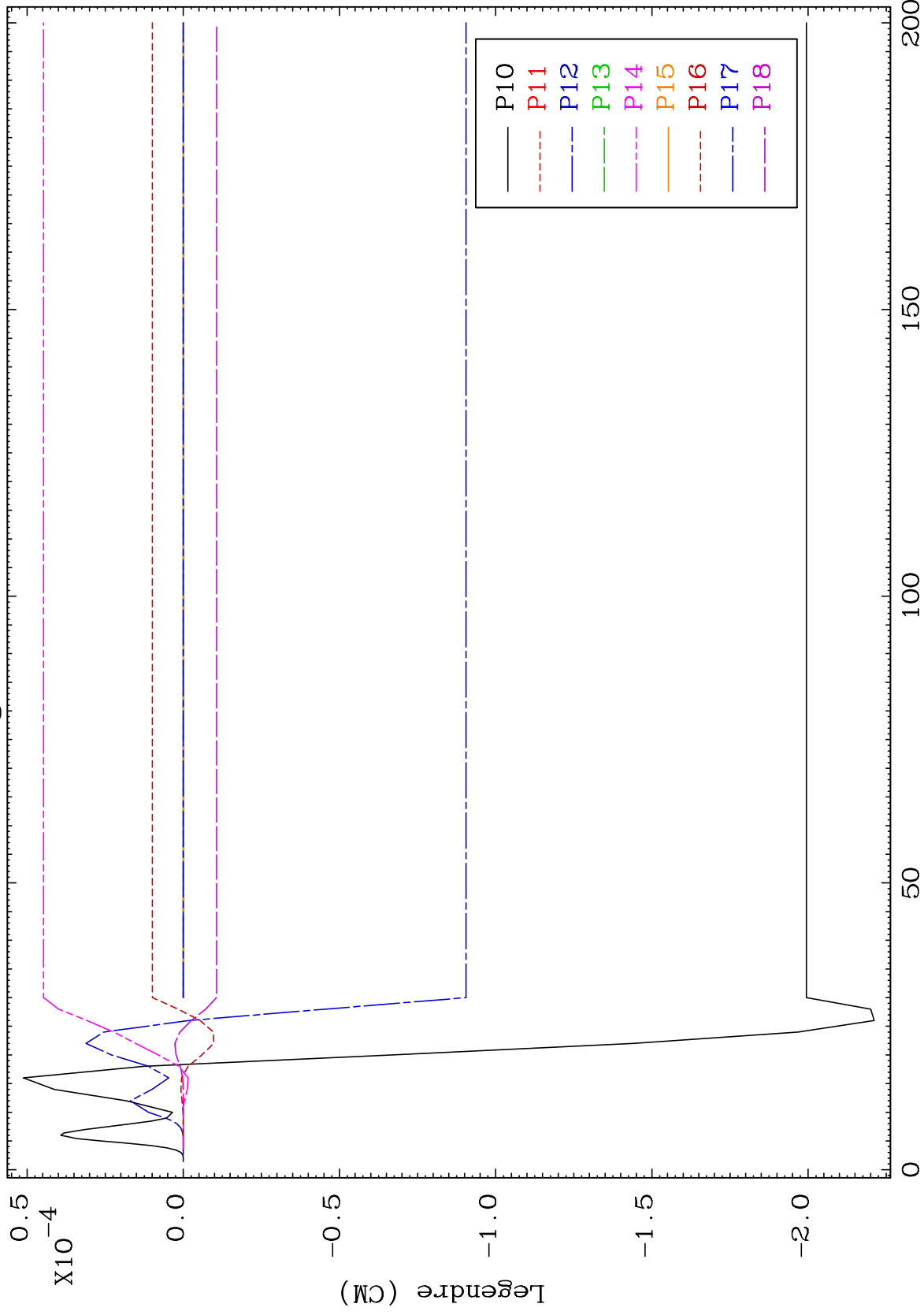




MAT 7507

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

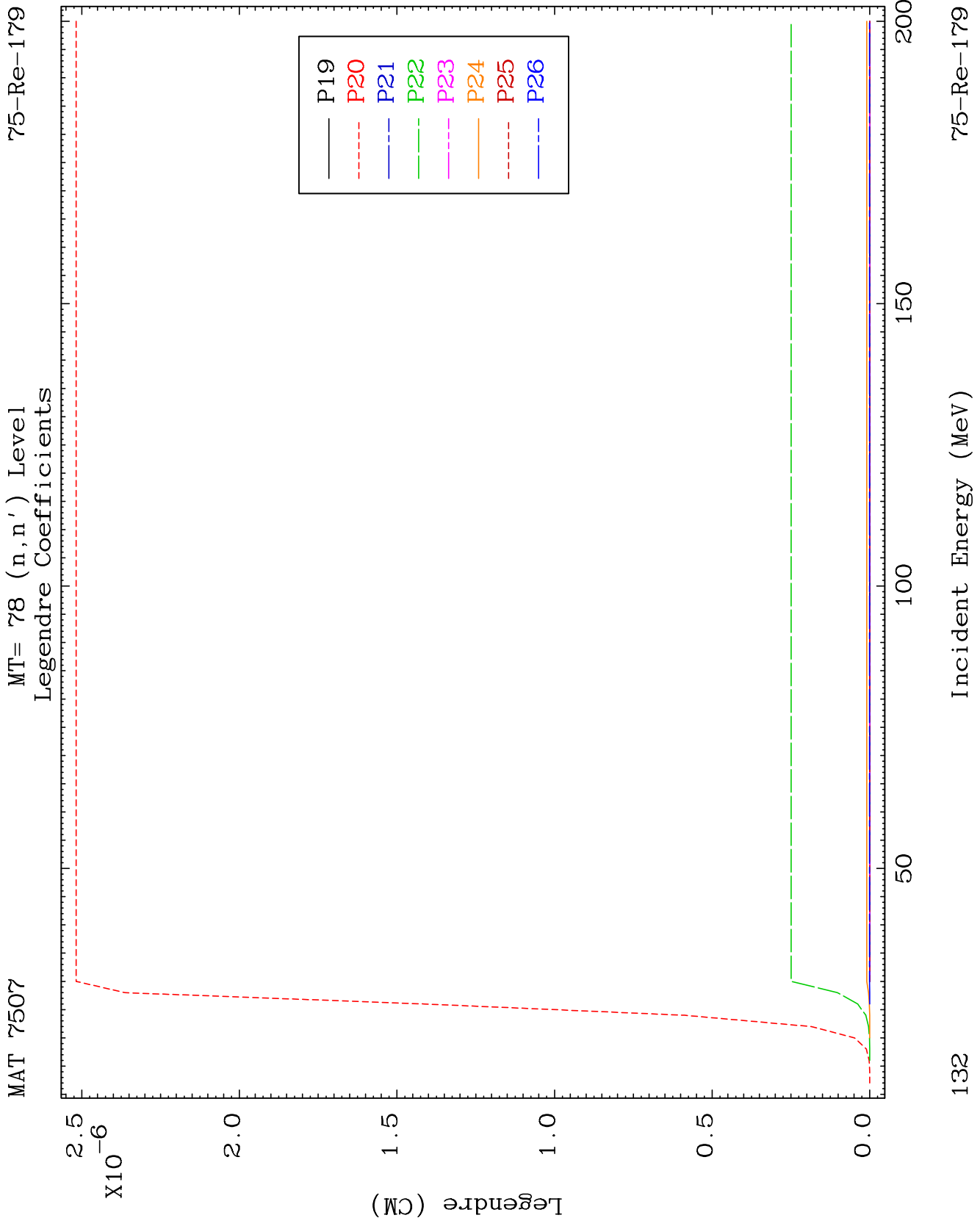
75-Re-179

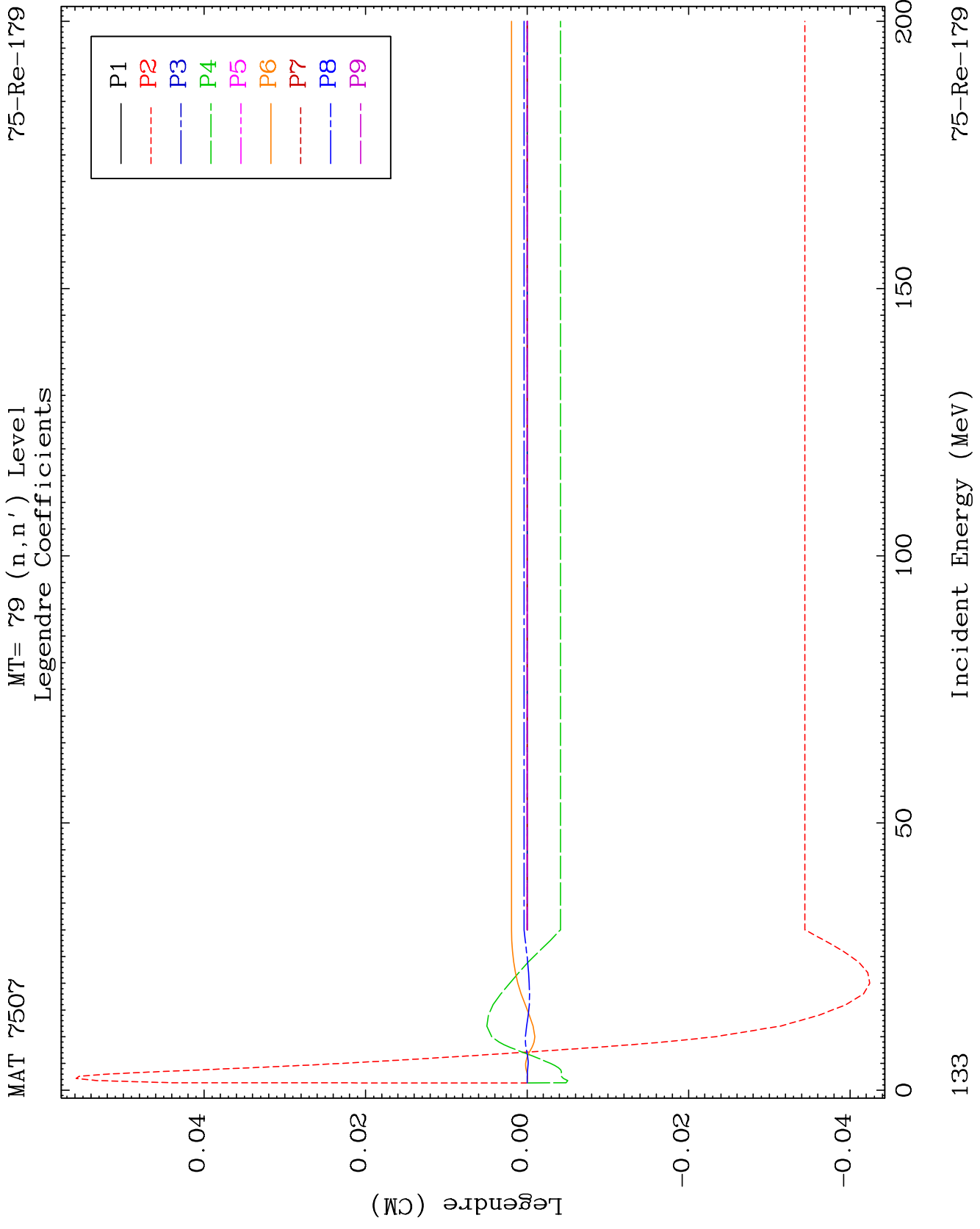


131

Incident Energy (MeV)

75-Re-179

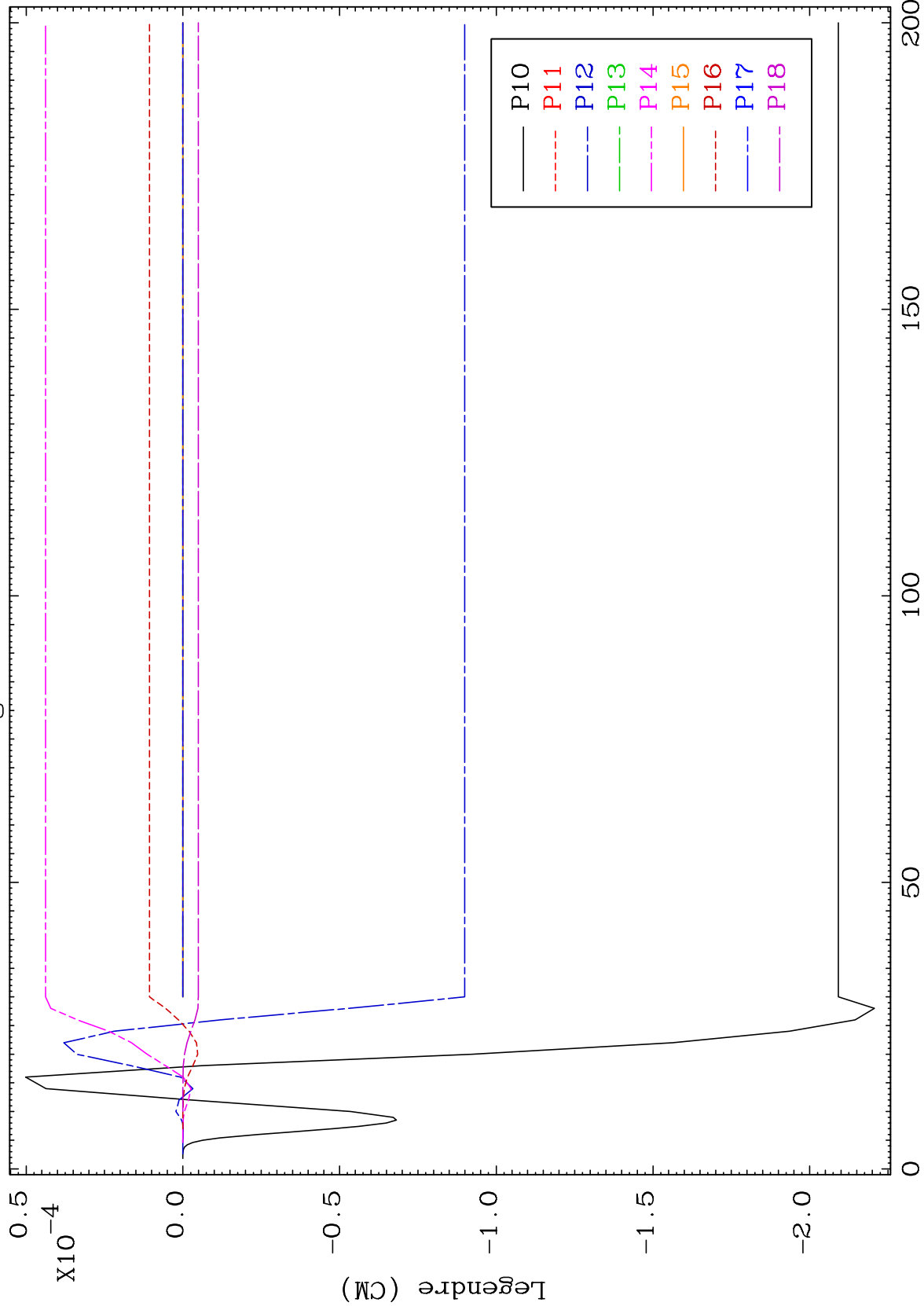




MAT 7507

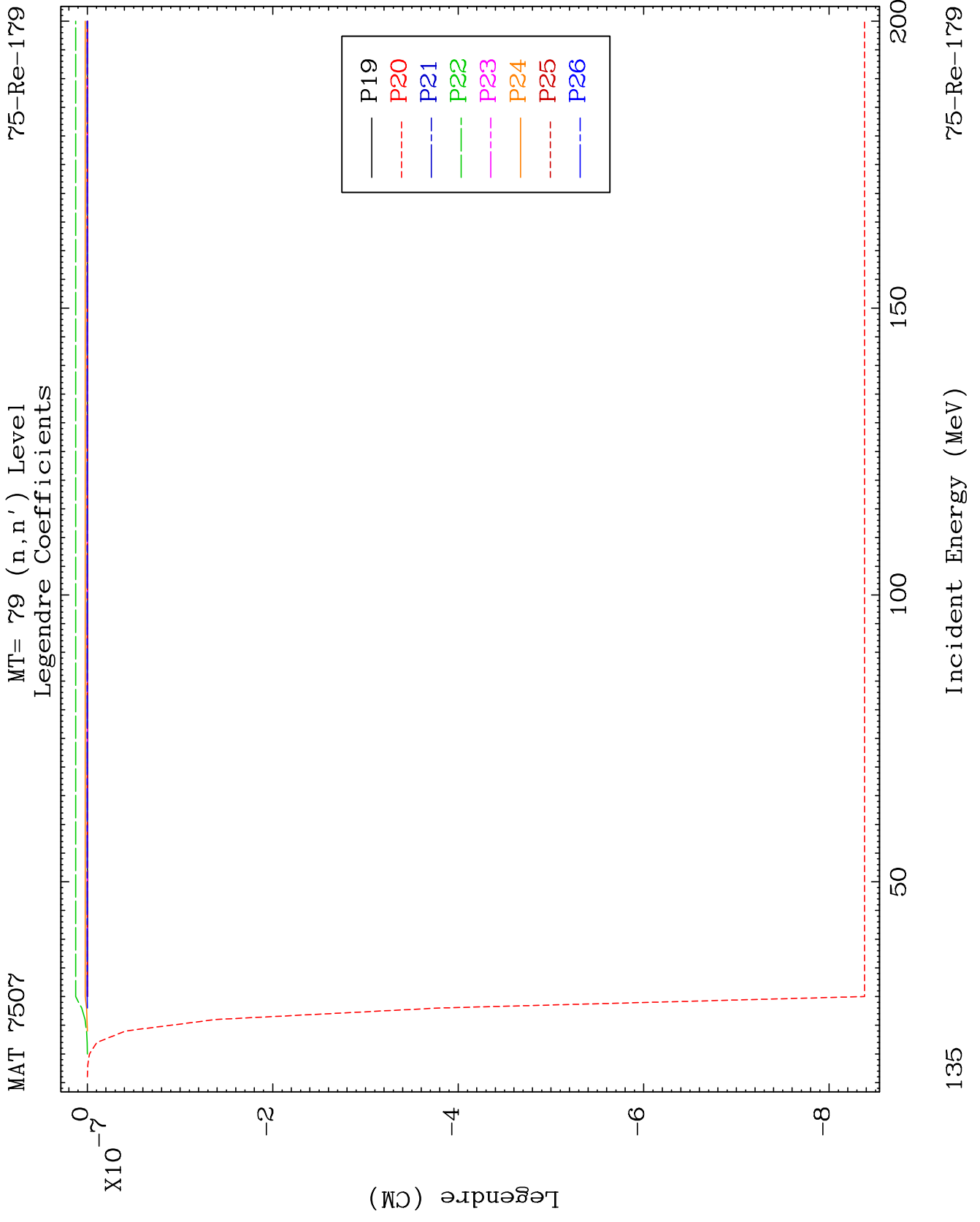
MT= 79 (n,n') Level  
Legendre Coefficients

75-Re-179

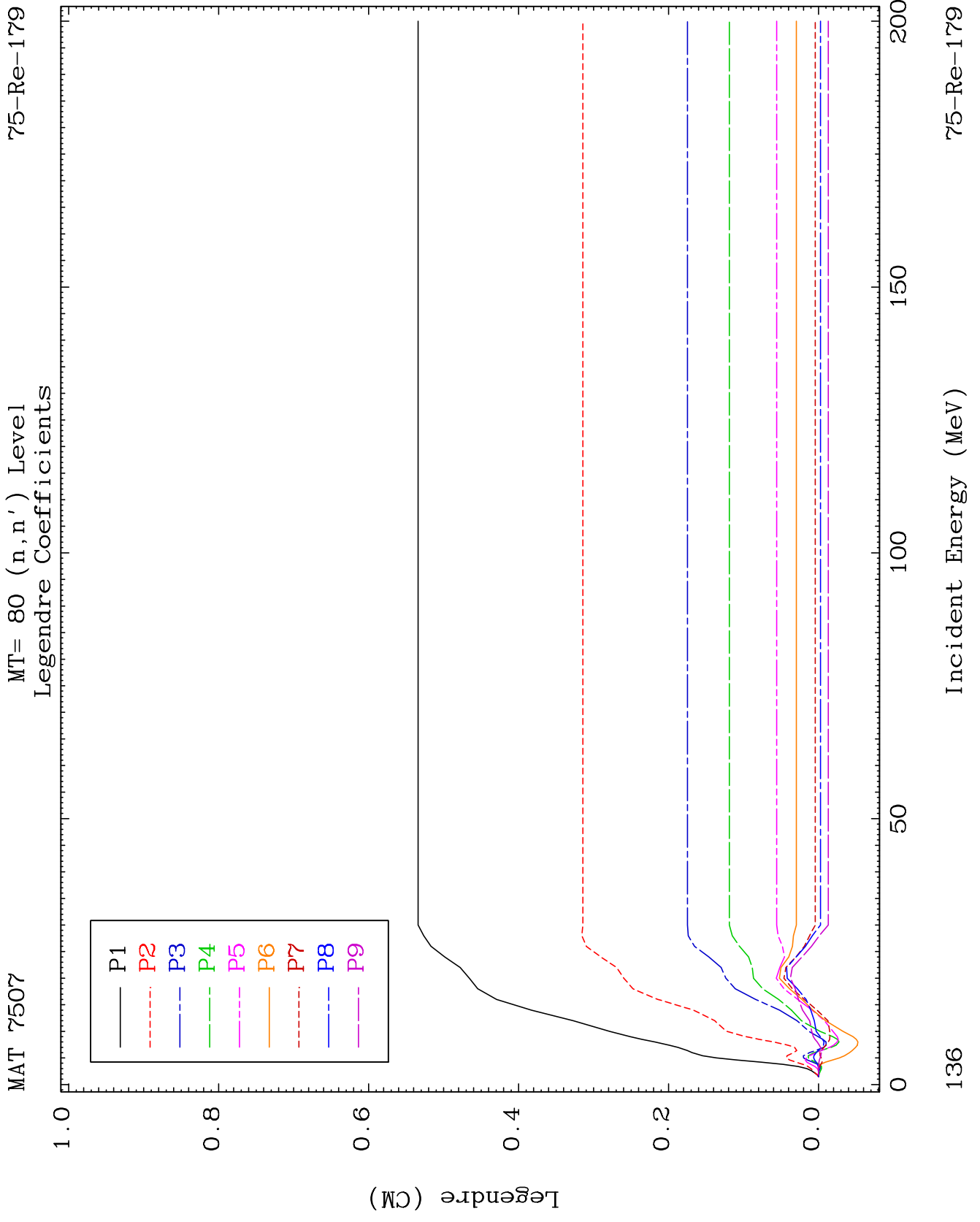


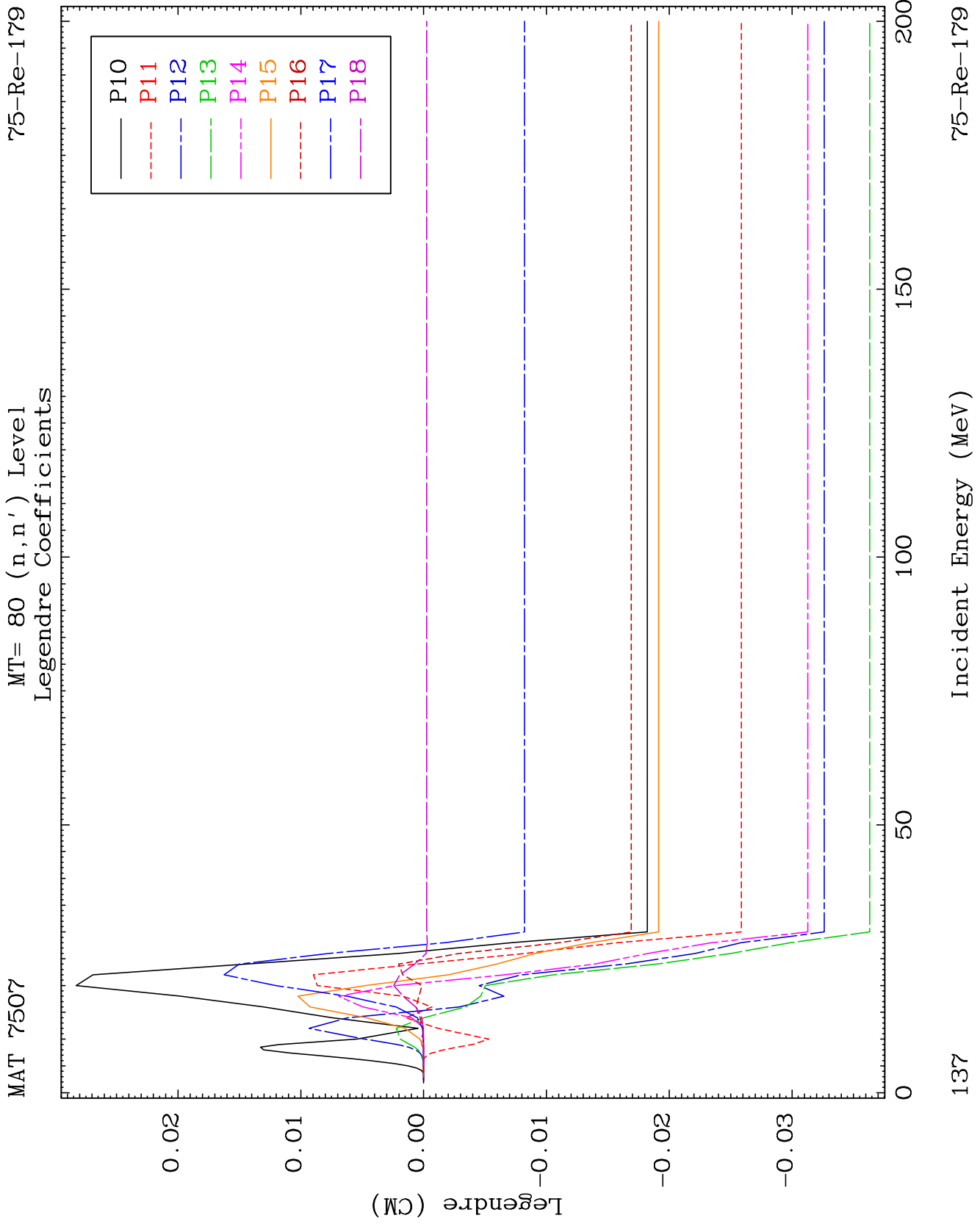
134

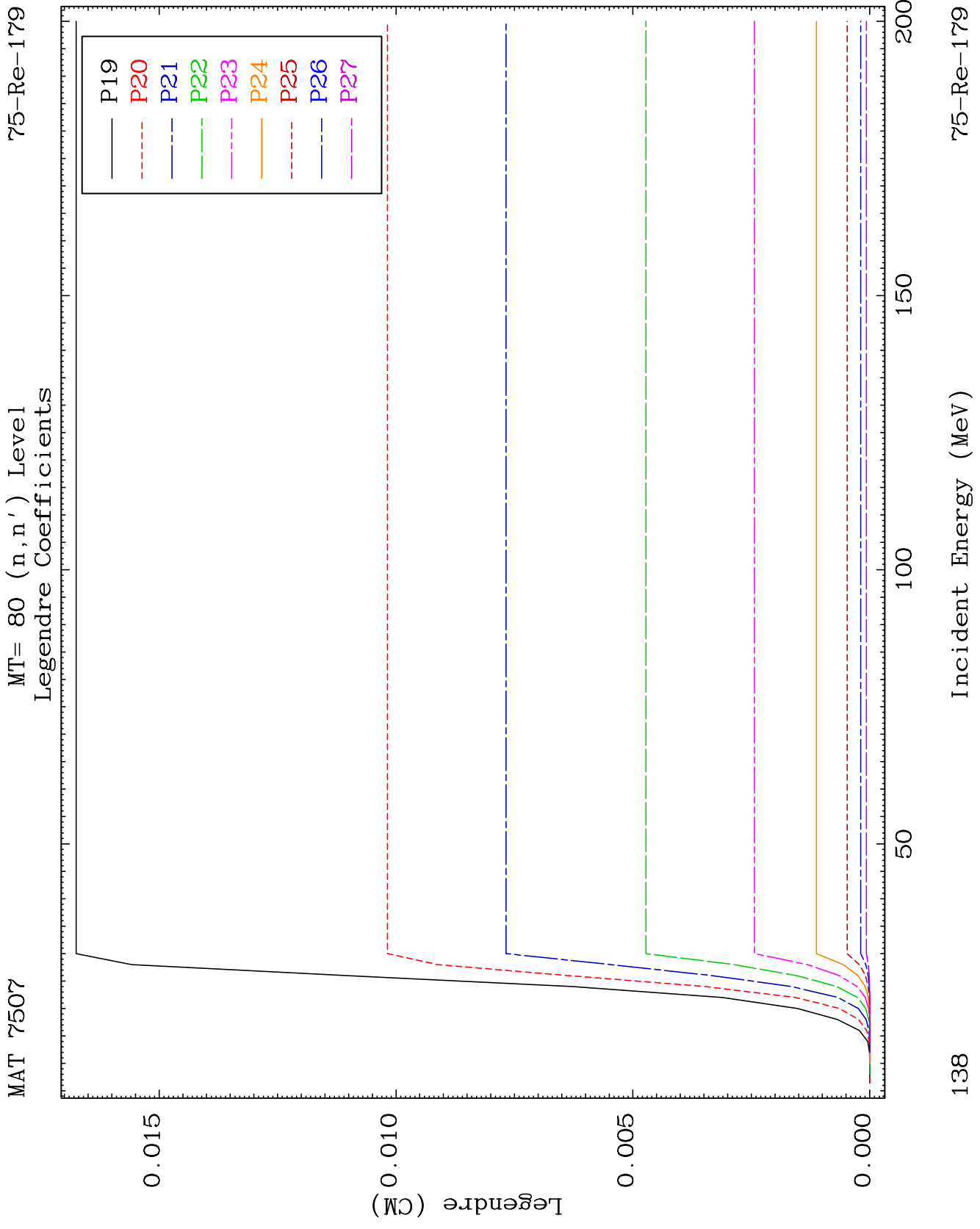
75-Re-179

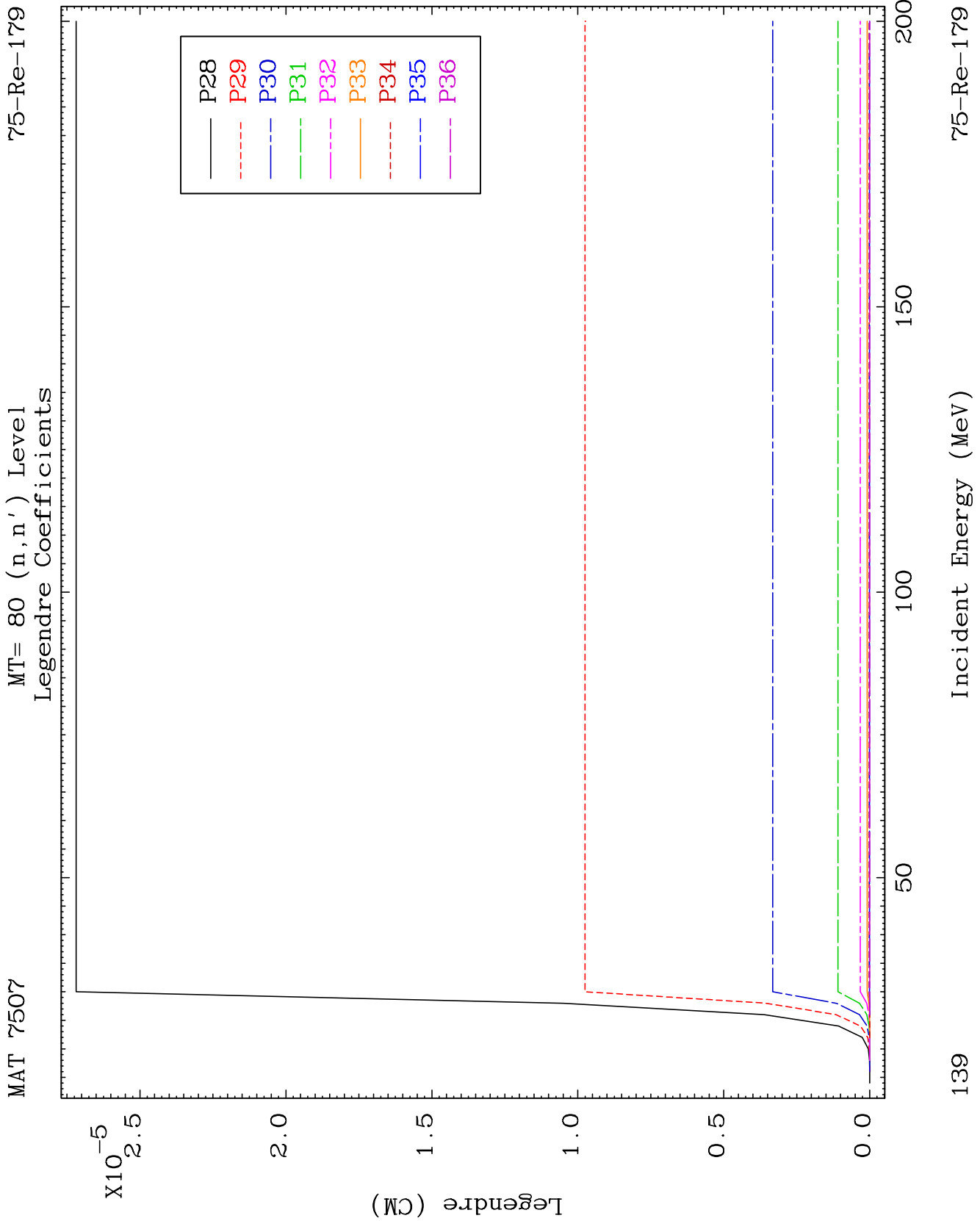










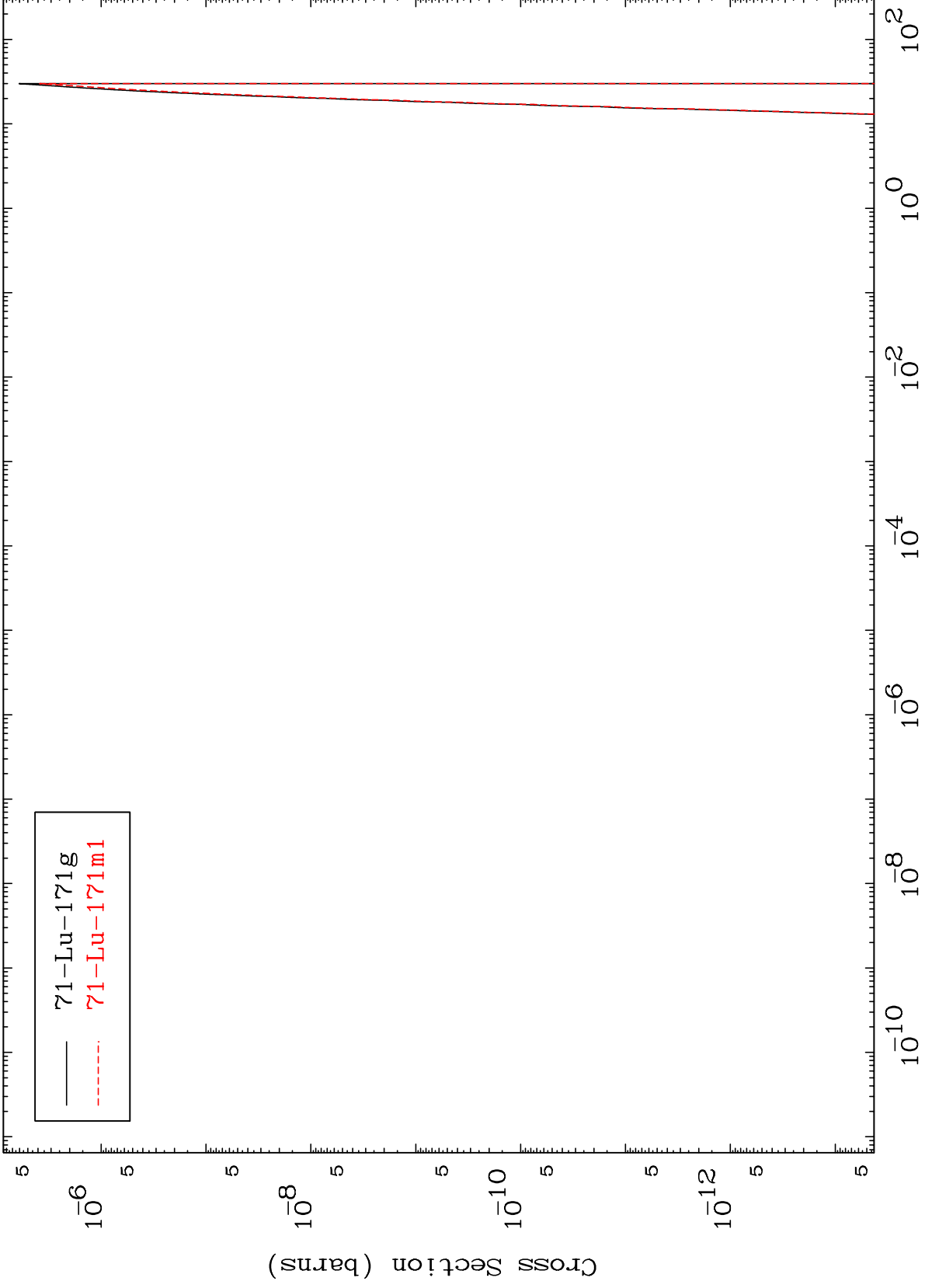


MAT 7507

(n,n') 2α

75-Re-179

Radionuclide Production Cross Section



140

Incident Energy (MeV)

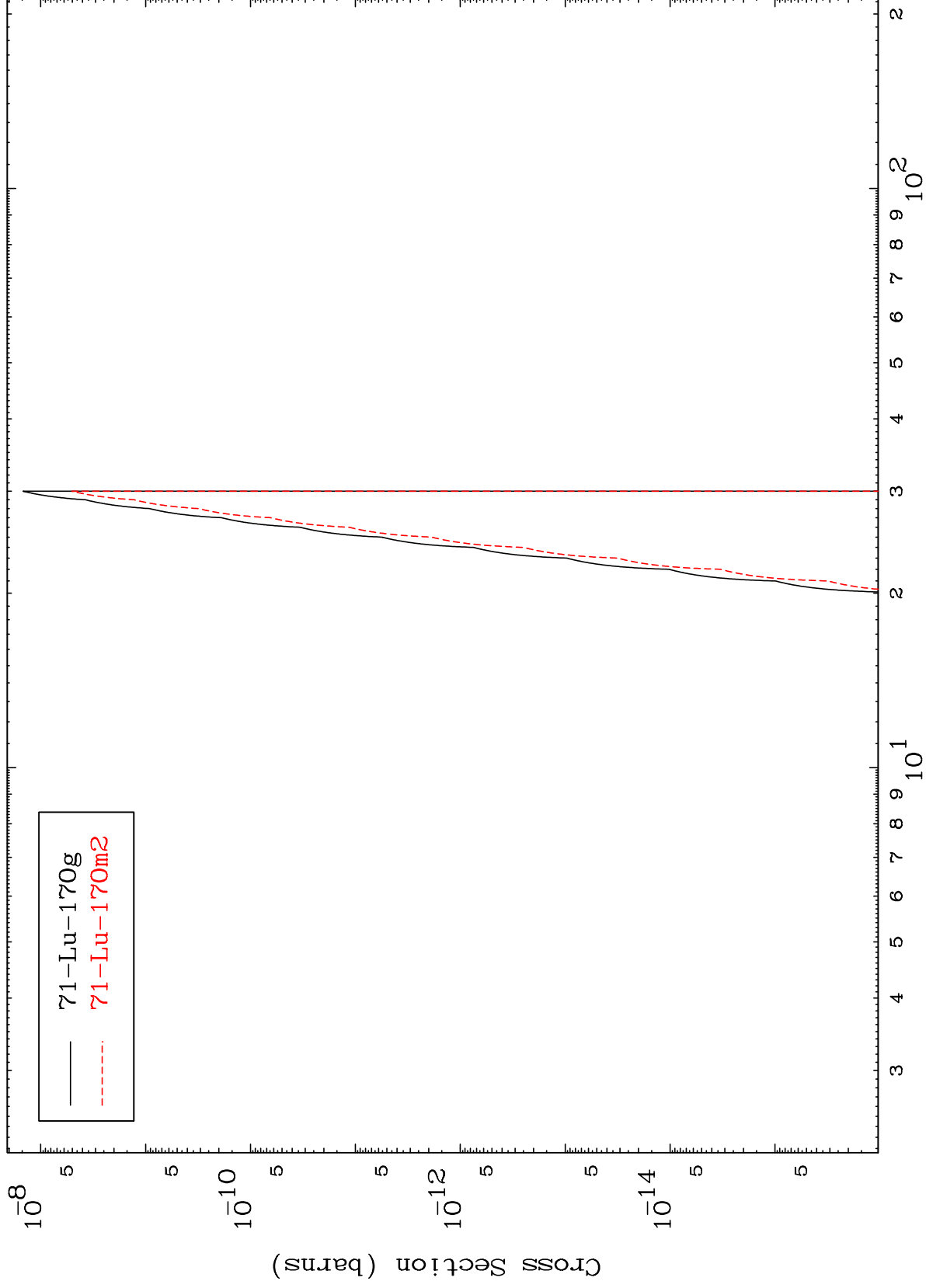
75-Re-179

MAT 7507

$^{75}\text{Re}$

$^{179}\text{Lu}$

$(n, 2n)$  Production Cross Section



141

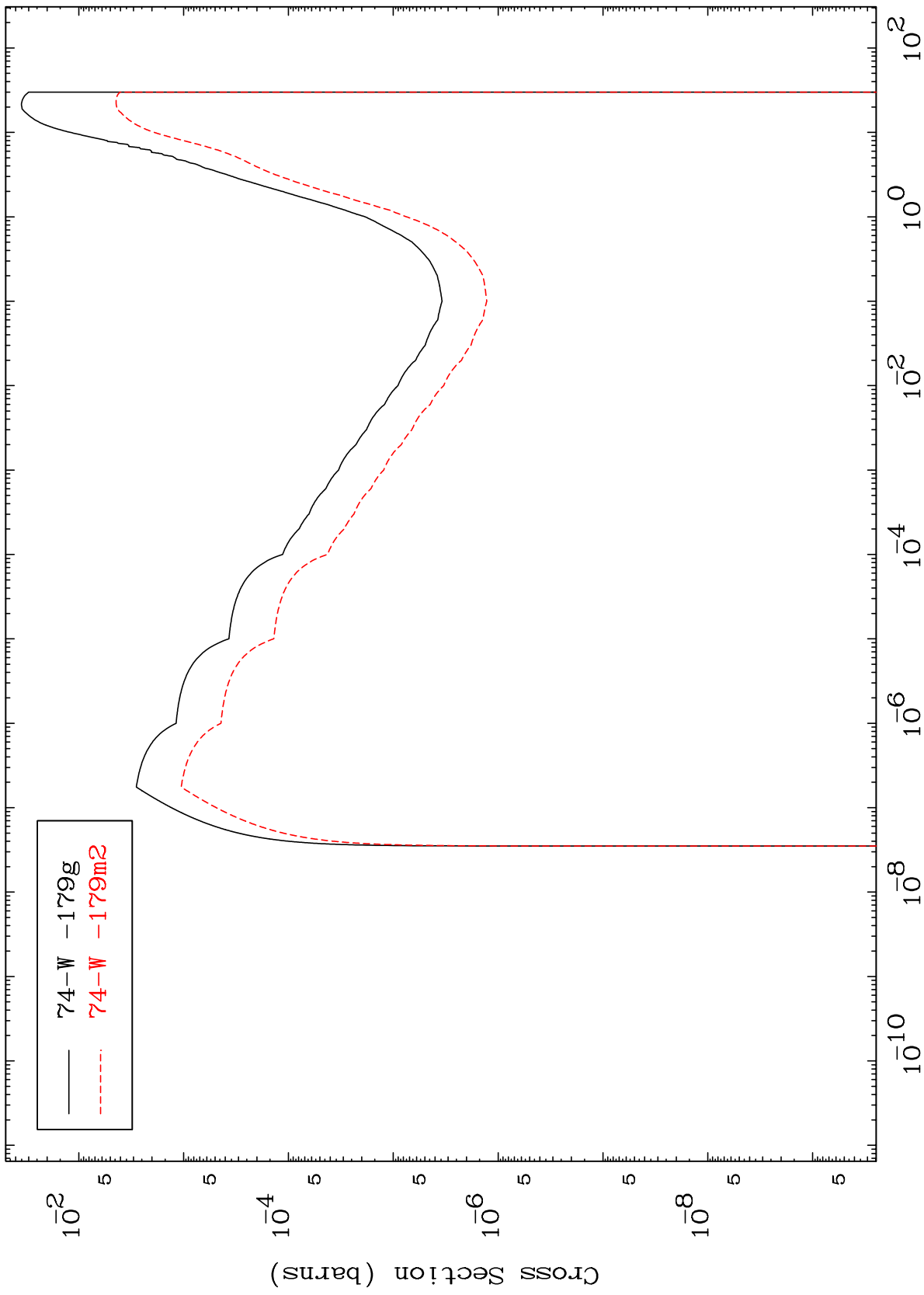
Incident Energy (MeV)

$^{179}\text{Lu}$

MAT 7507

75-Re-179

(n,p)  
Radionuclide Production Cross Section



142

75-Re-179

MAT 7507

(n,2α)

75-Re-179

Radionuclide Production Cross Section

