

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

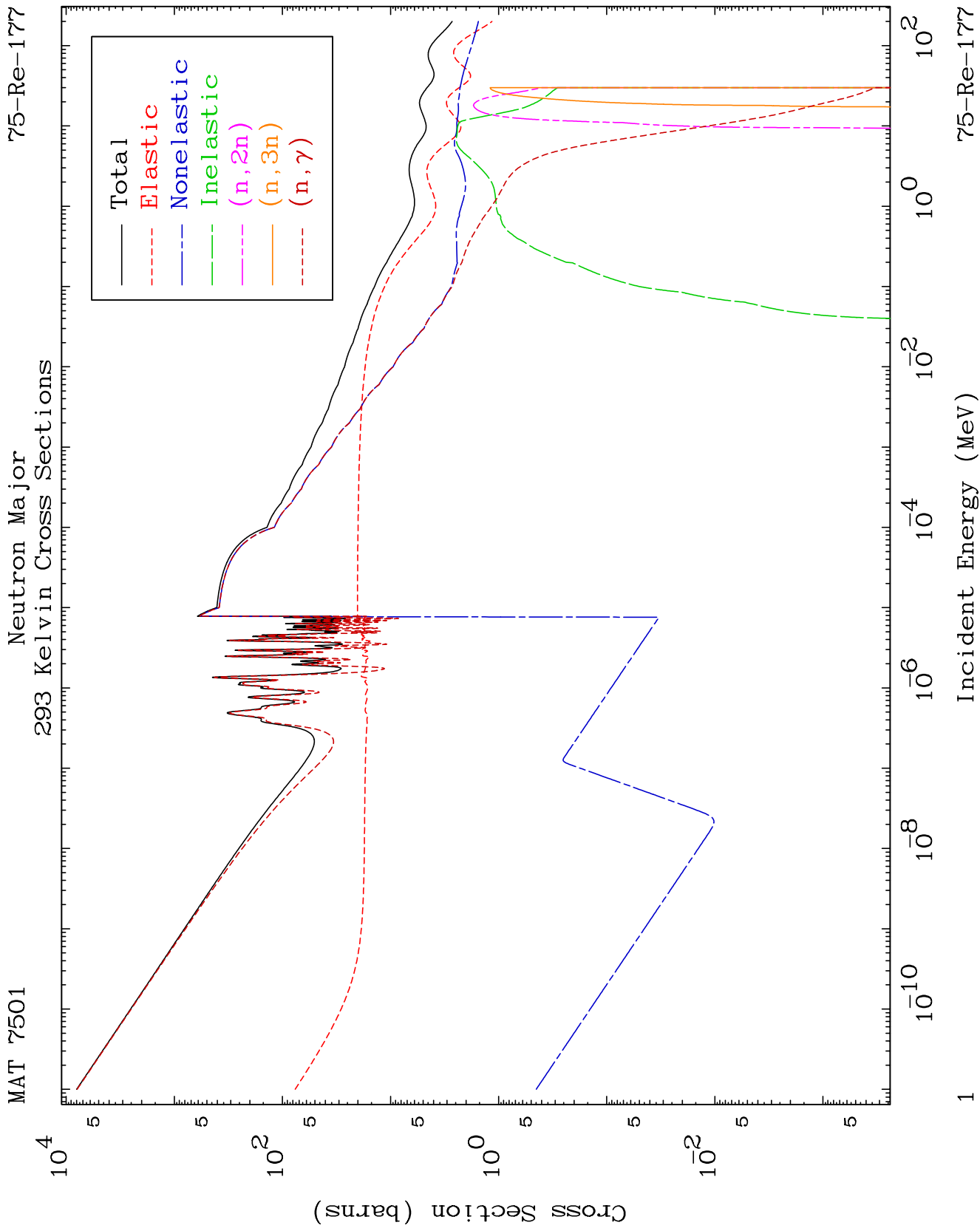
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

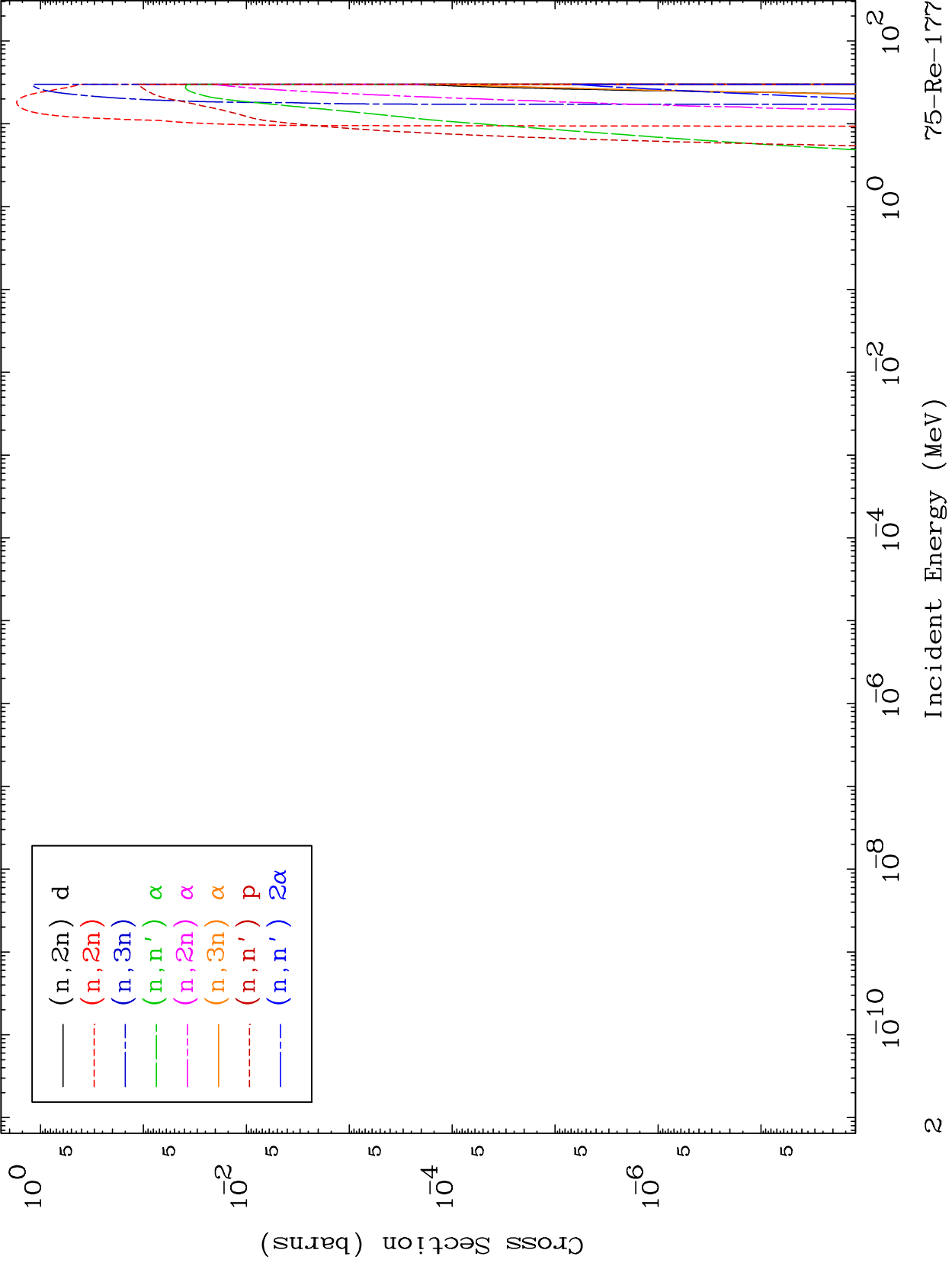
Press Mouse Button to Start

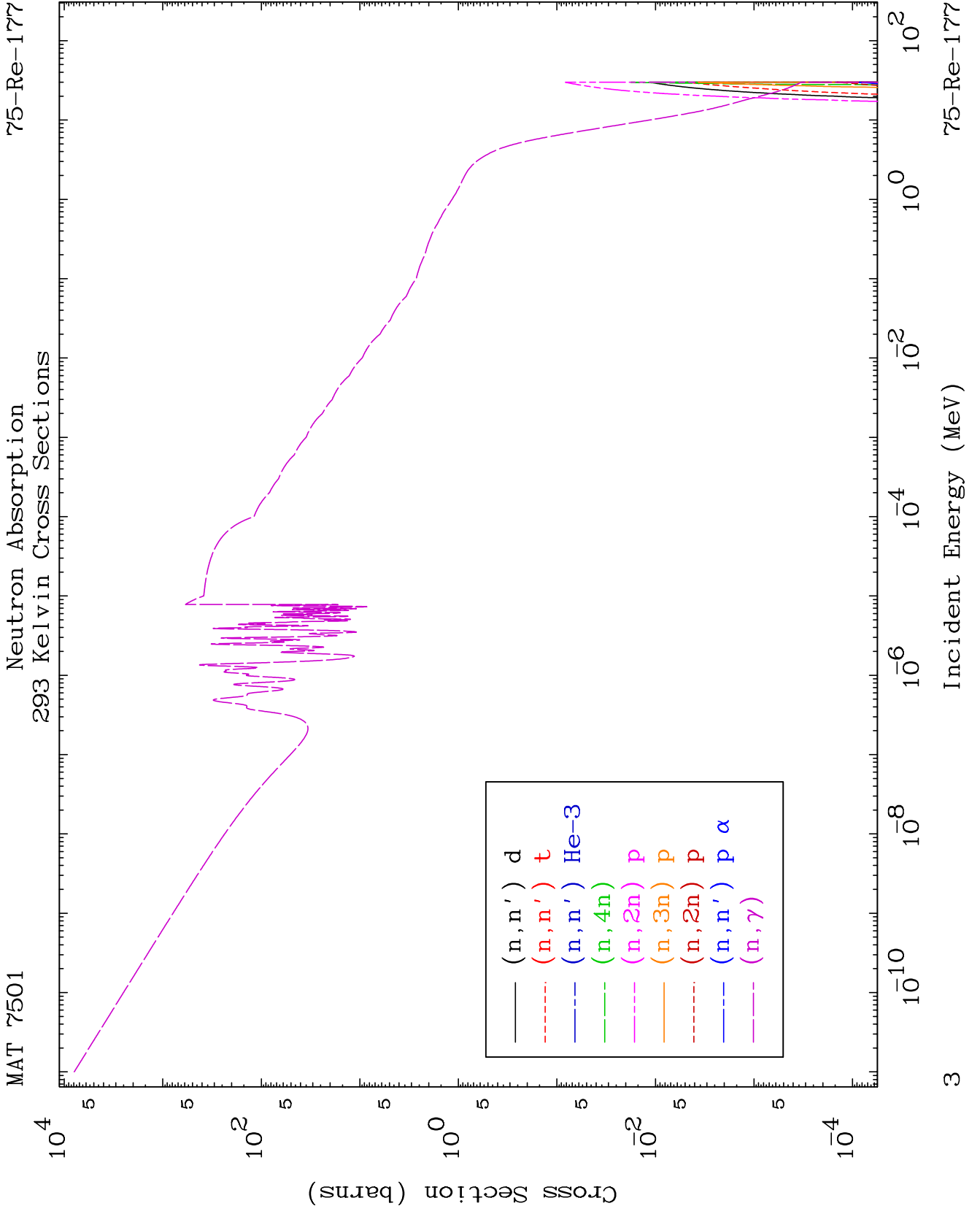


MAT 7501

Neutron Absorption  
293 Kelvin Cross Sections

75-Re-177

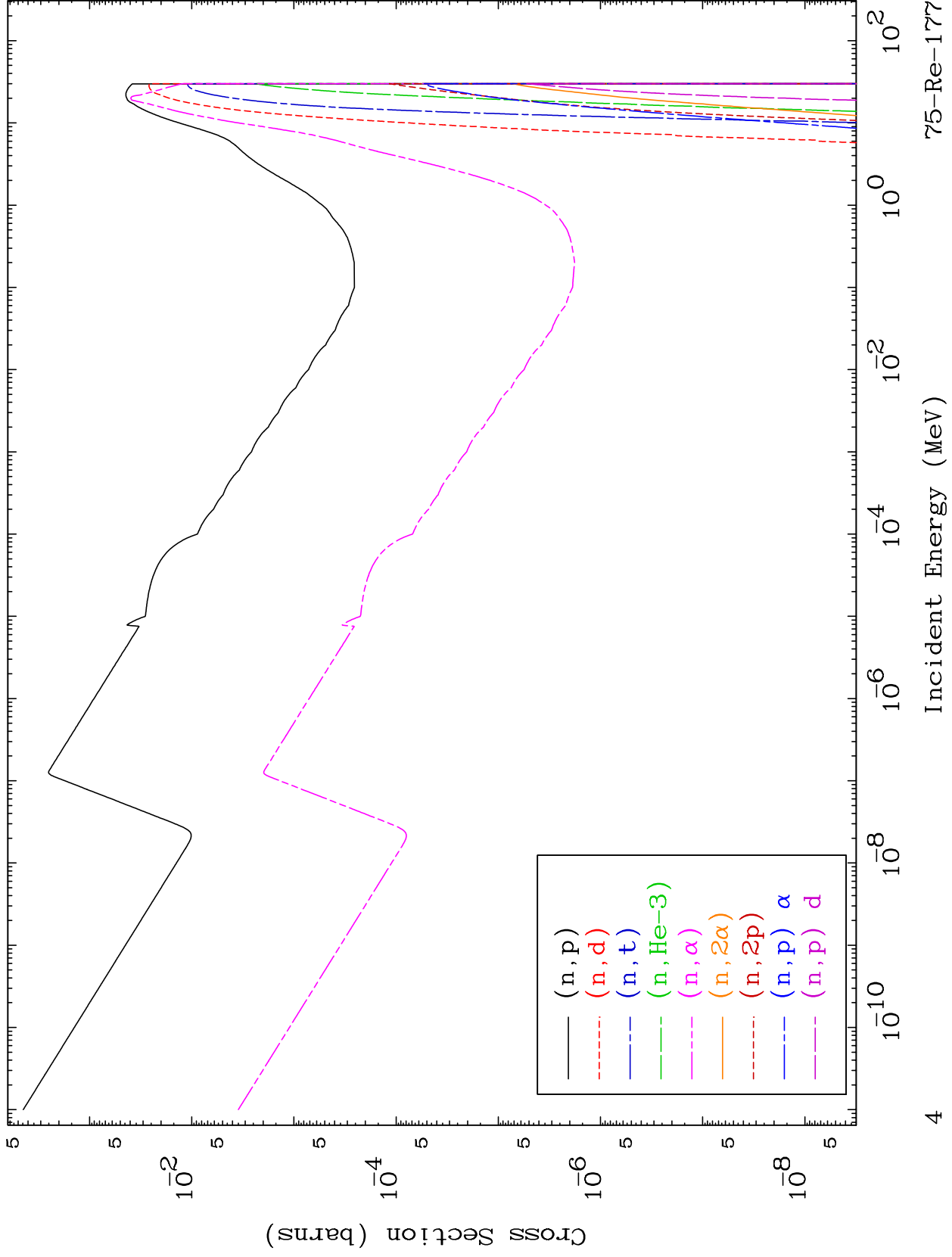


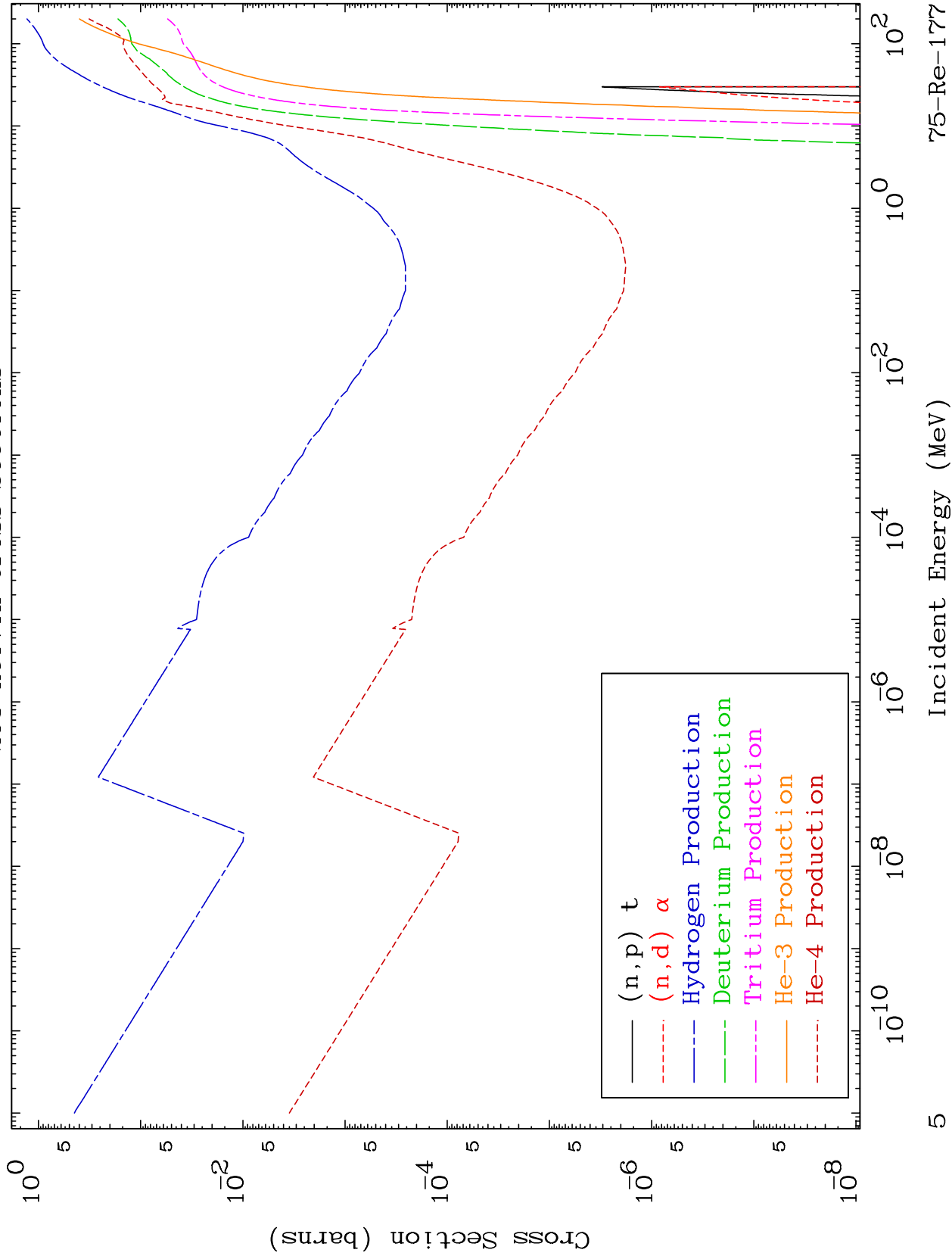


MAT 7501

Neutron Absorption  
293 Kelvin Cross Sections

75-Re-177

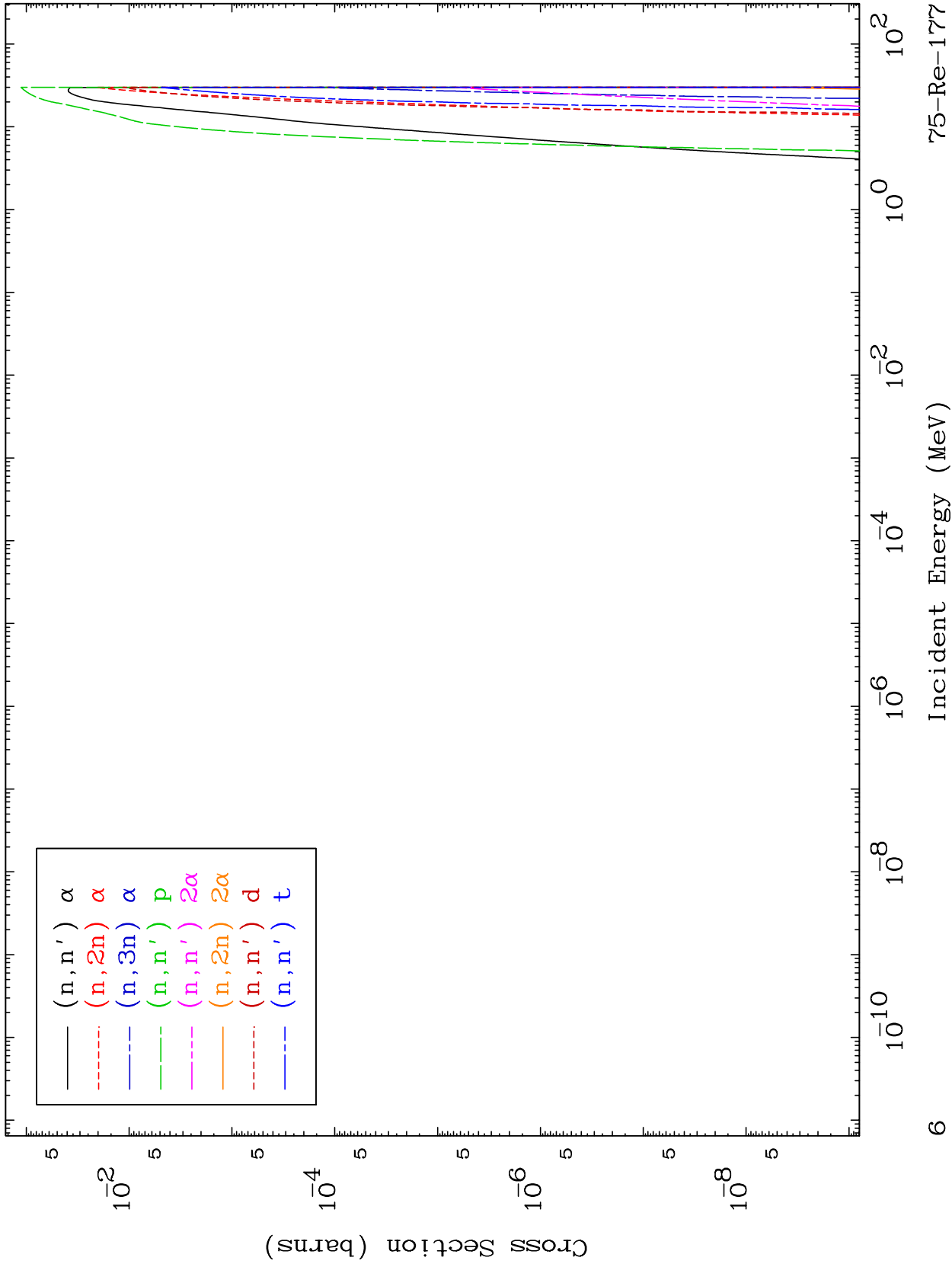


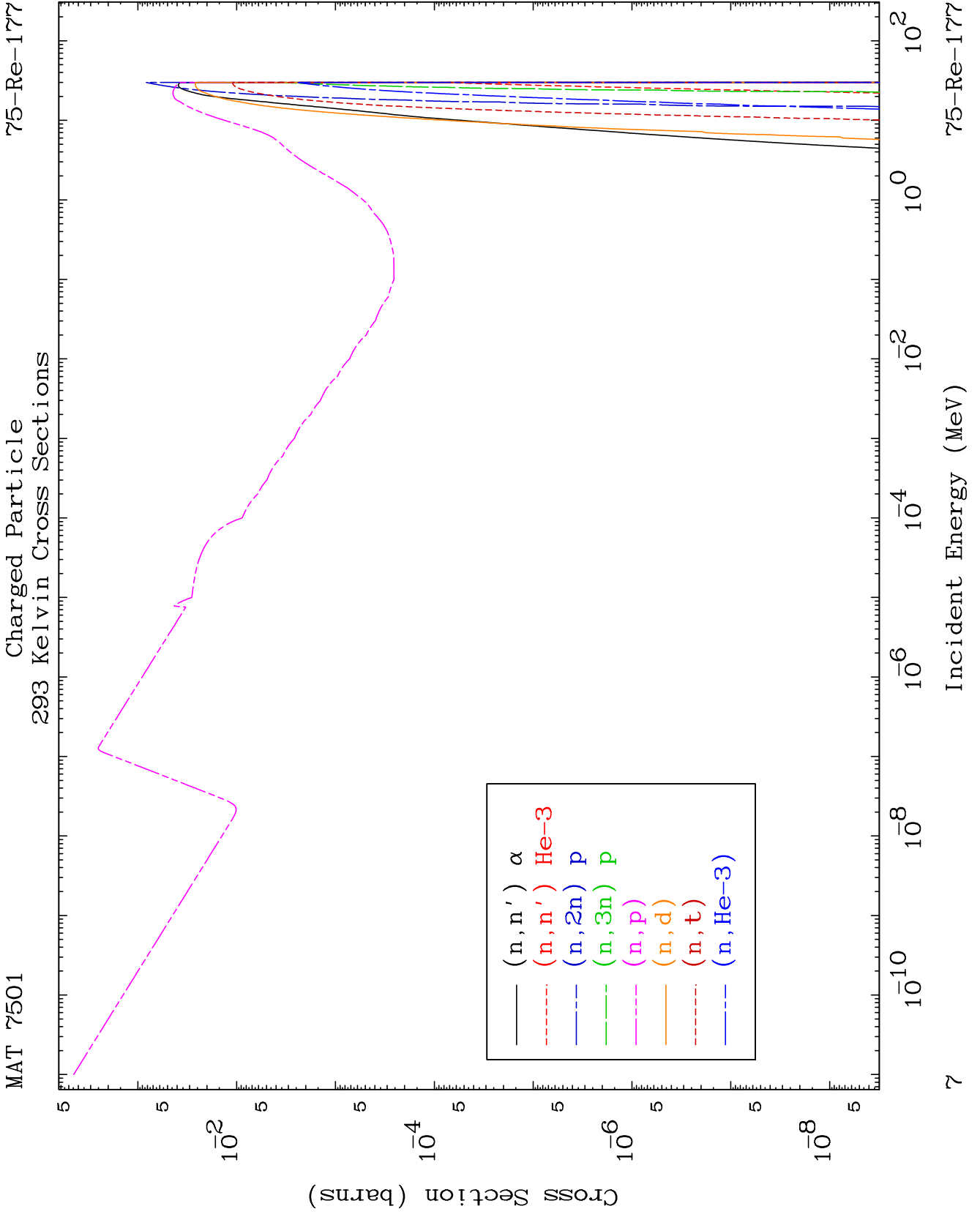


MAT 7501

Charged Particle  
293 Kelvin Cross Sections

75-Re-177



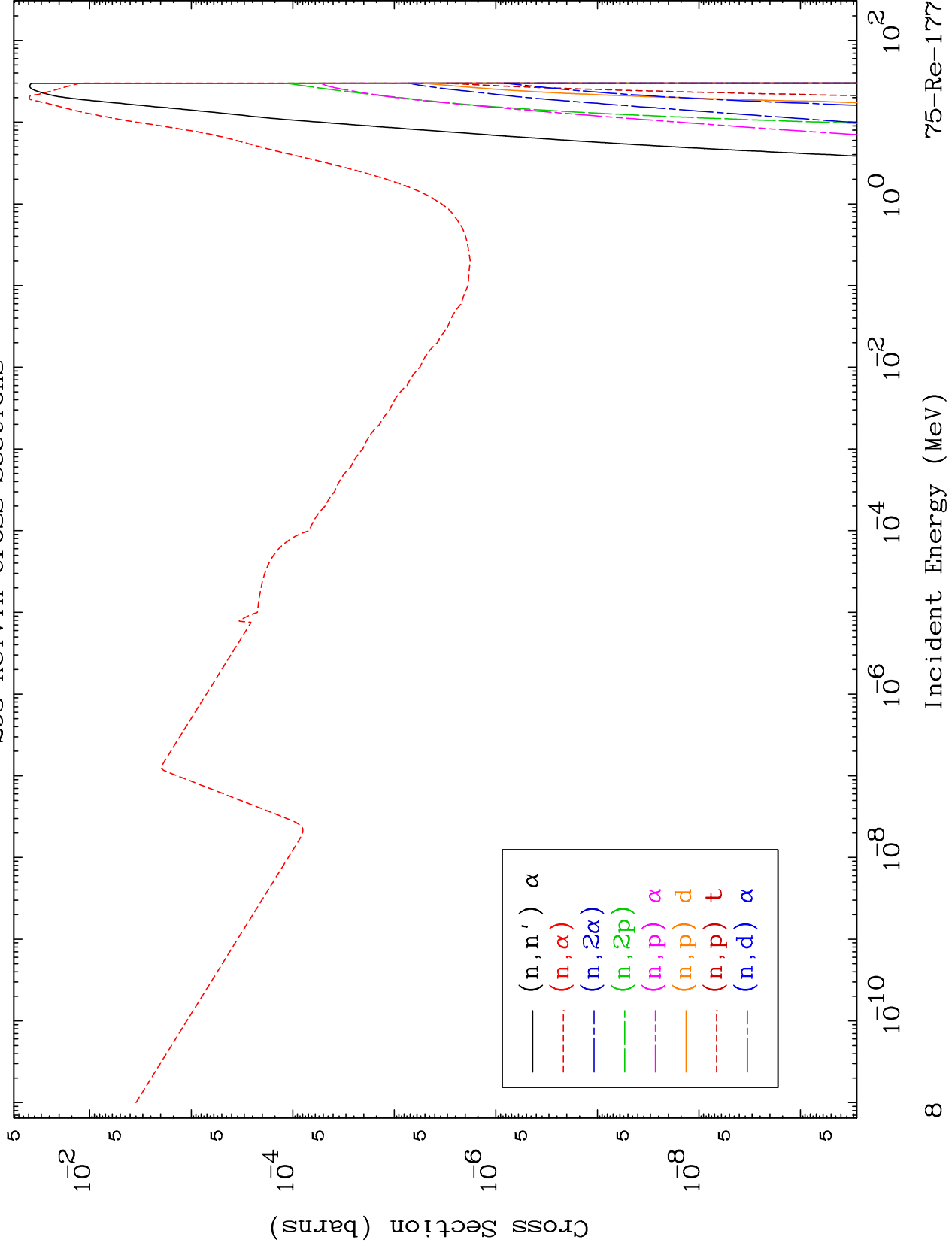




MAT 7501

Charged Particle  
293 Kelvin Cross Sections

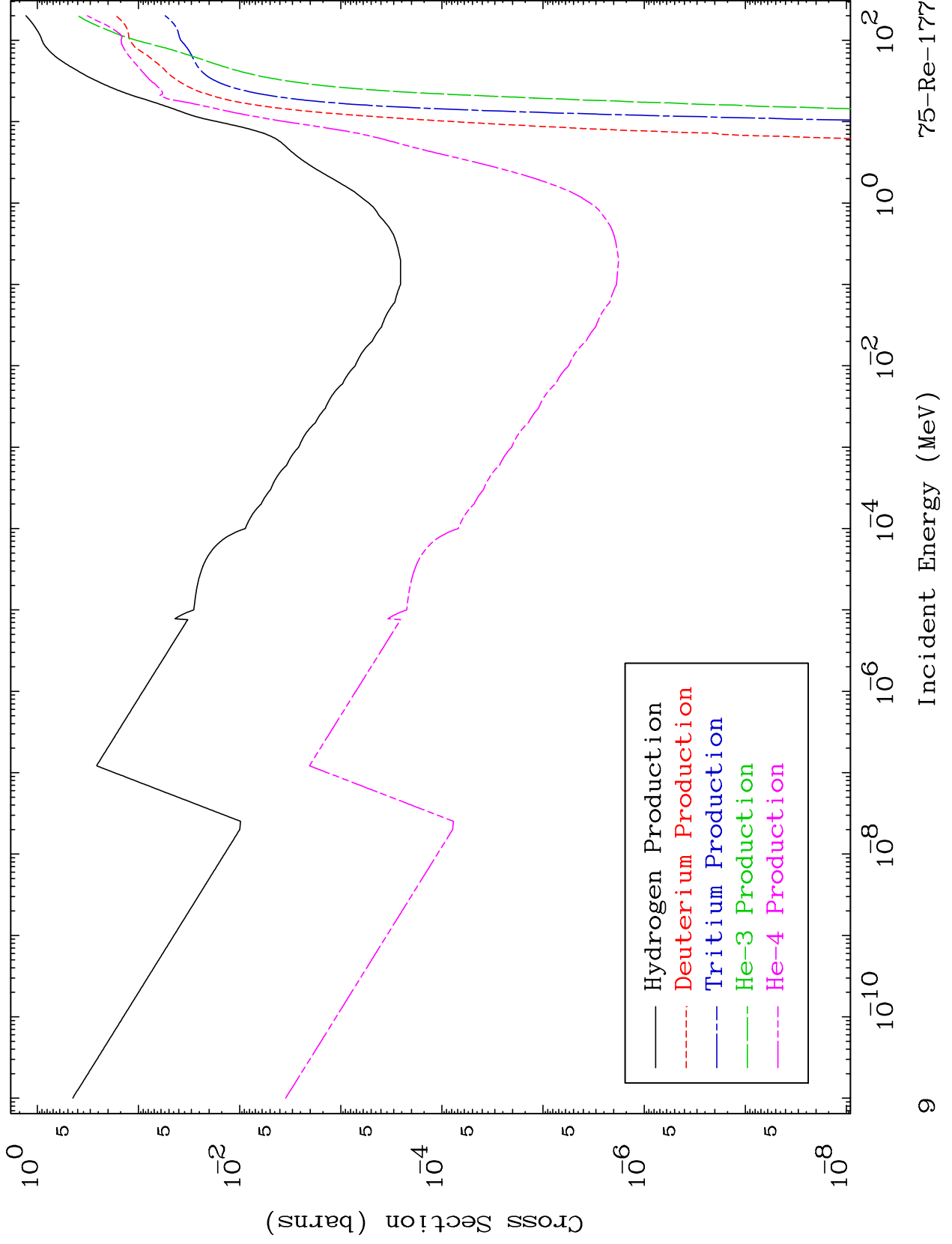
75-Re-177



MAT 7501

Particle Production  
293 Kelvin Cross Sections

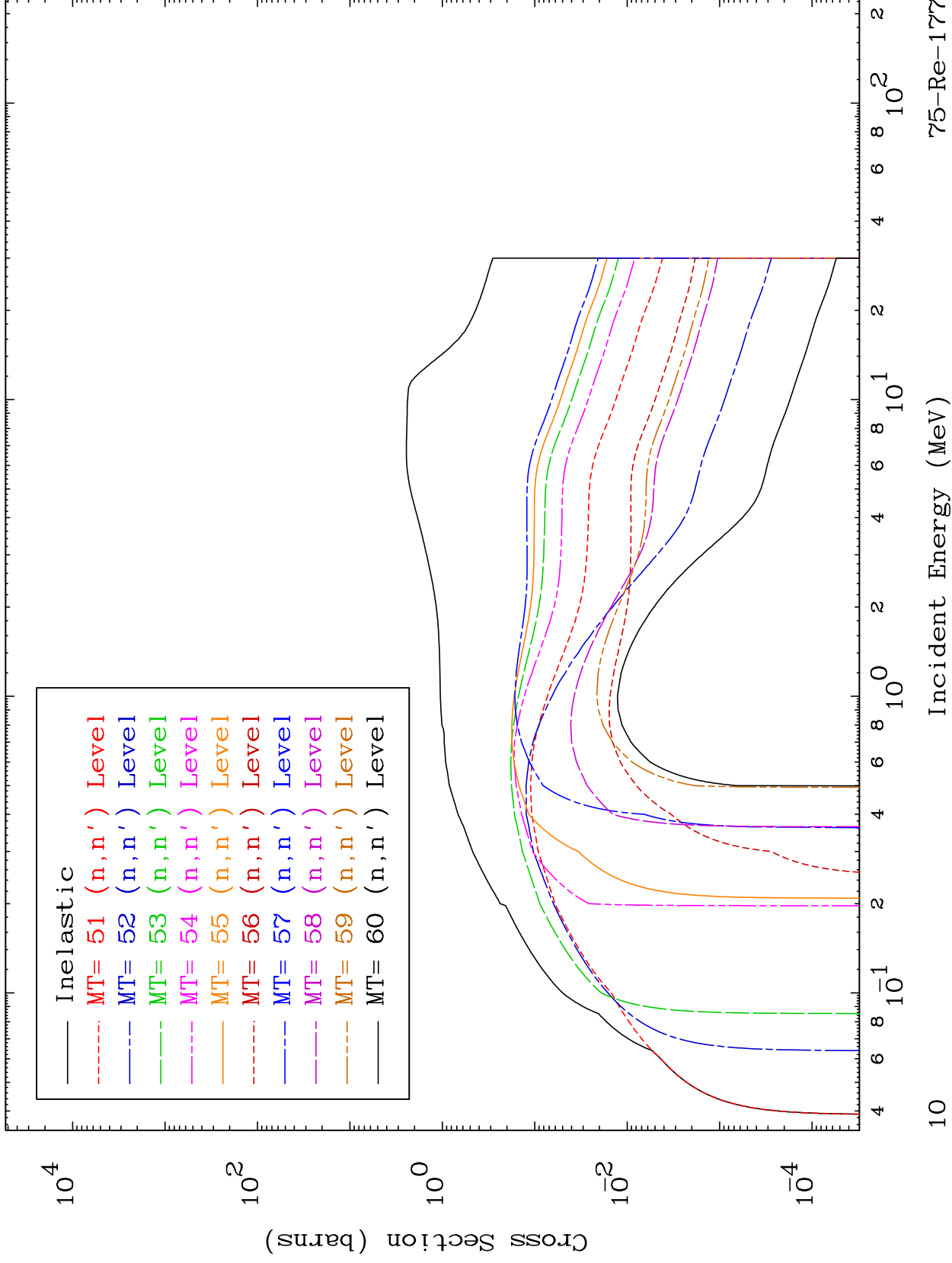
75-Re-177



MAT 7501

(n,n') Levels  
293 Kelvin Cross Sections

75-Re-177



75-Re-177

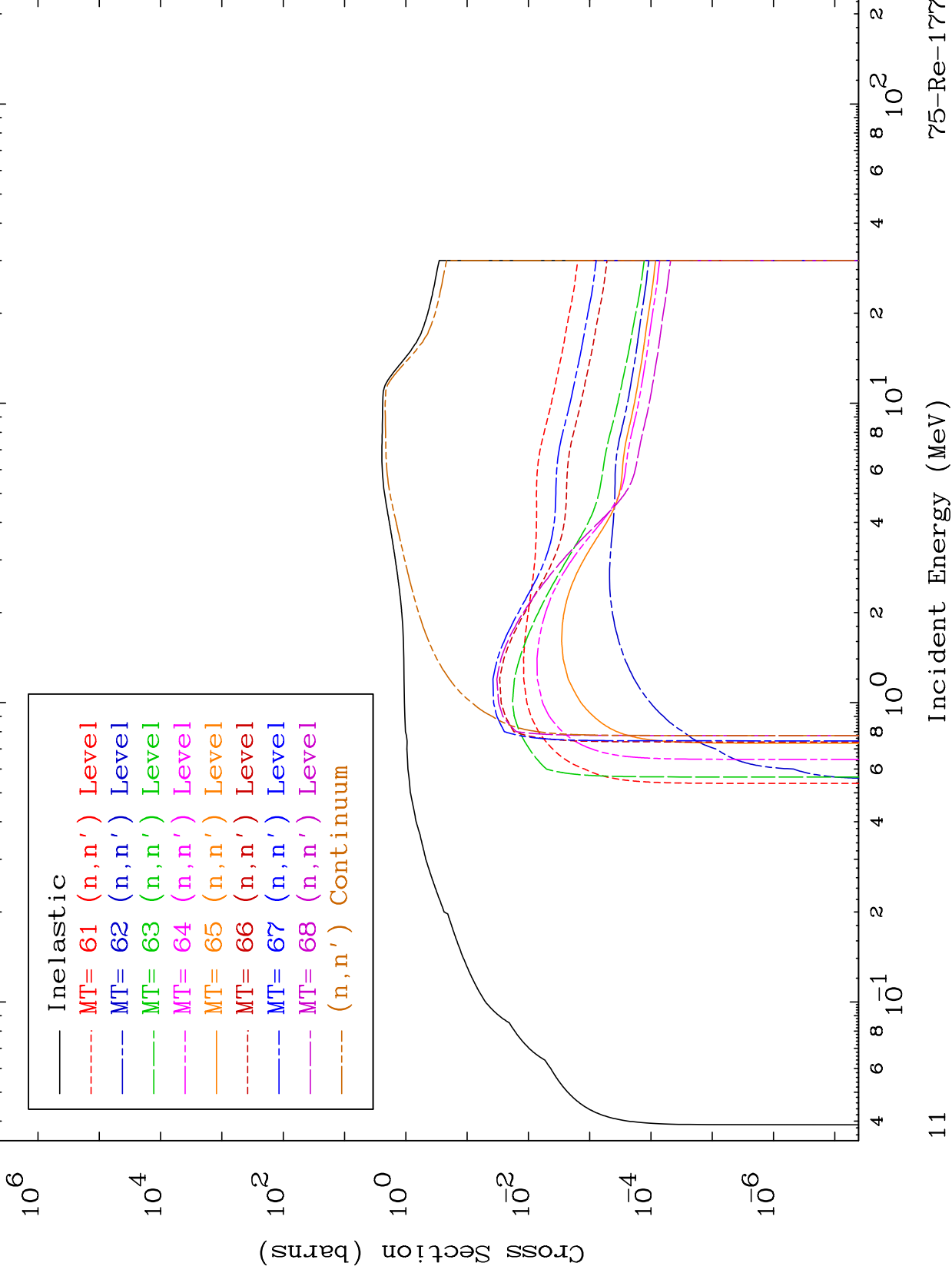
Incident Energy (MeV)

10

MAT 7501

(n,n') Levels  
293 Kelvin Cross Sections

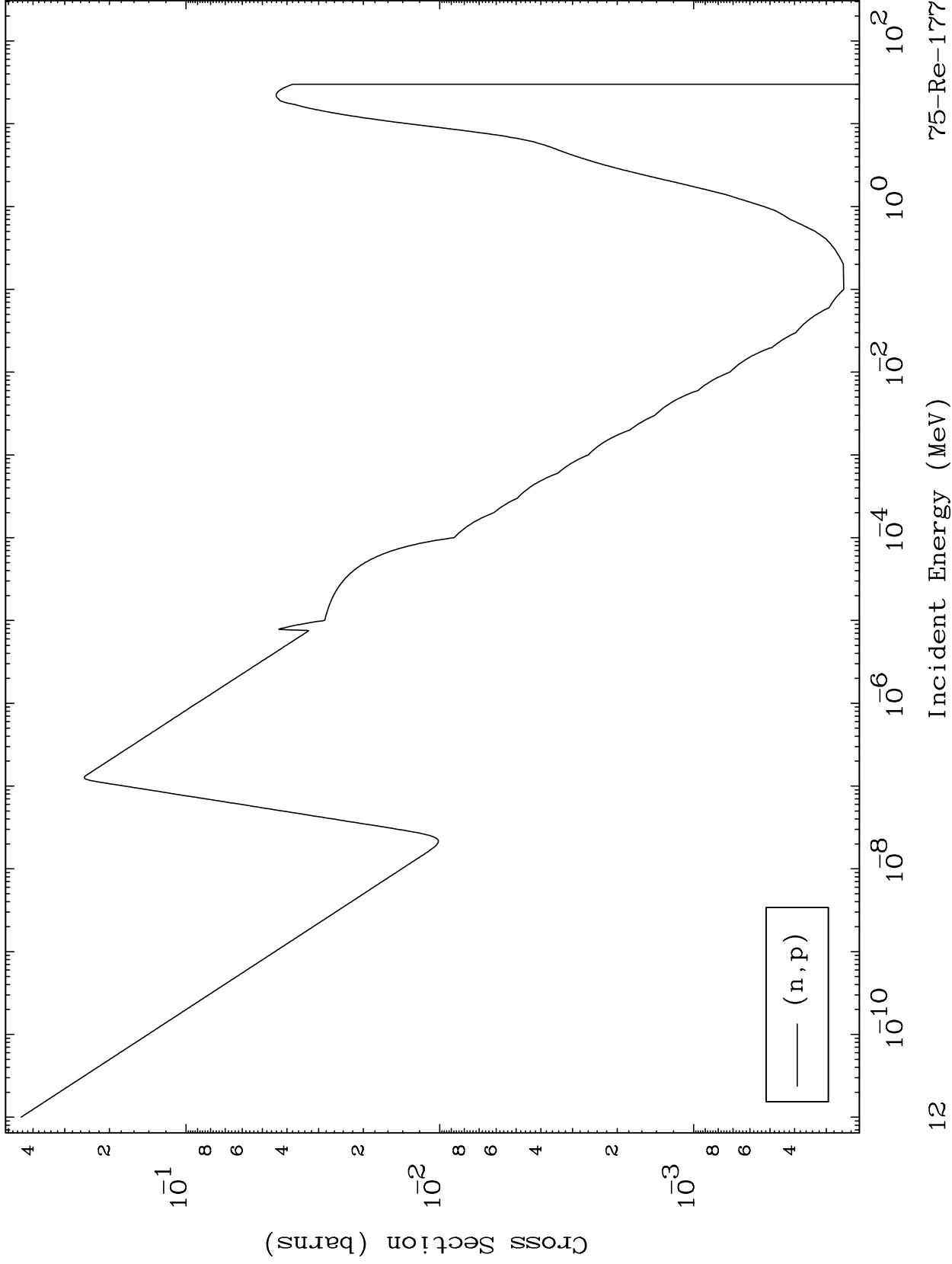
75-Re-177



MAT 7501

(n,p) Levels  
293 Kelvin Cross Sections

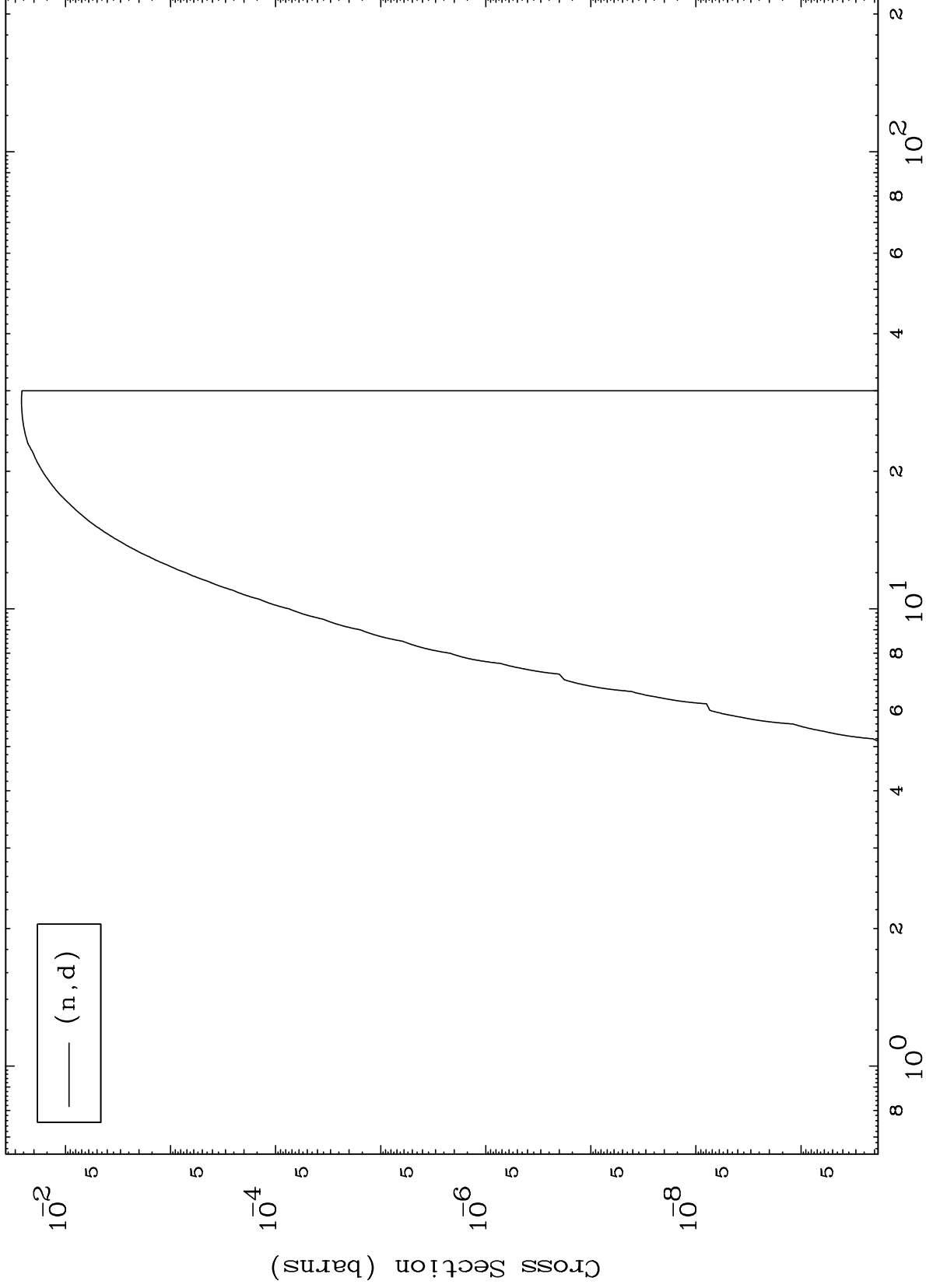
75-Re-177



MAT 7501

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-177



13

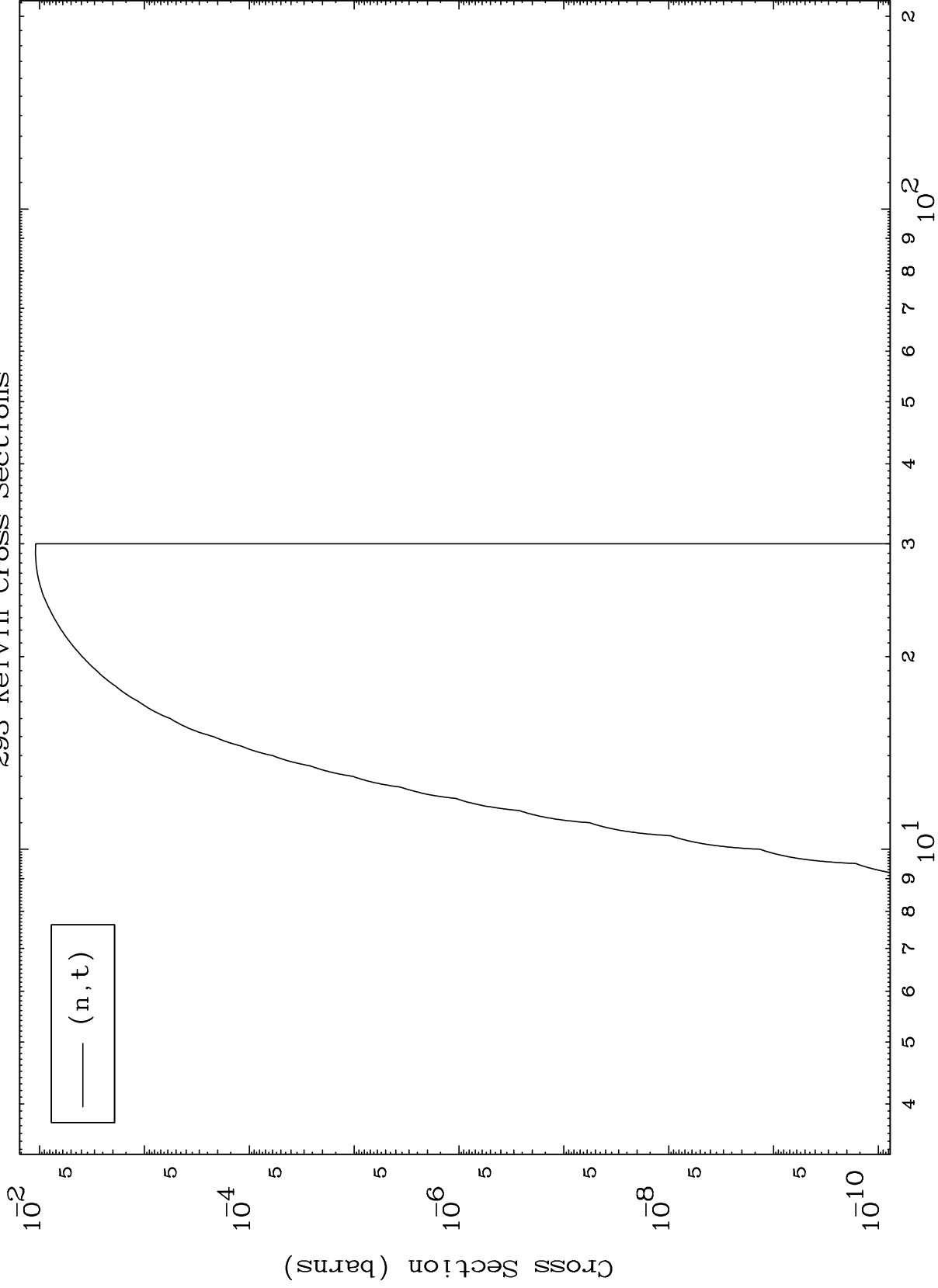
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-177



14

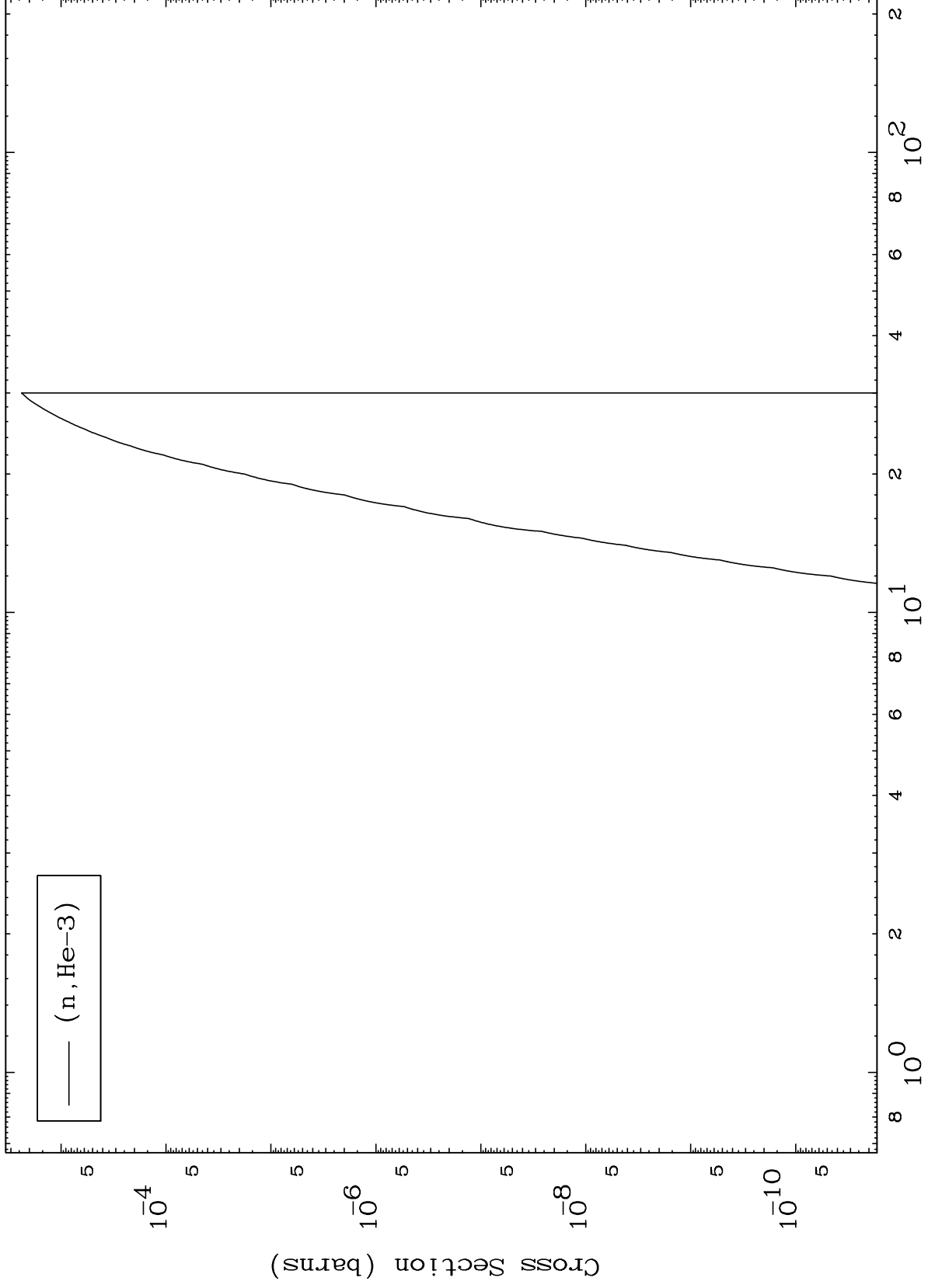
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-177



15

Incident Energy (MeV)

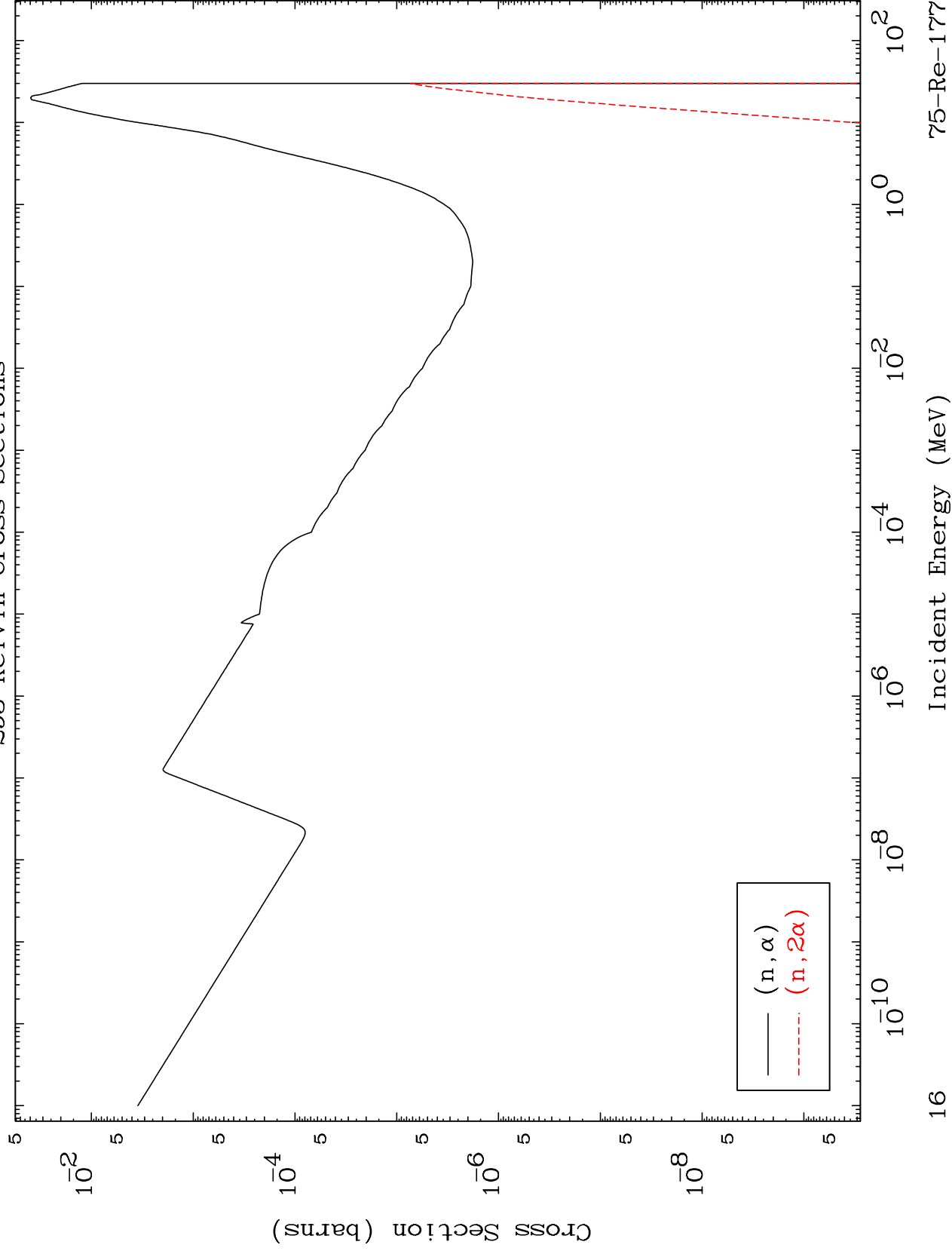
75-Re-177



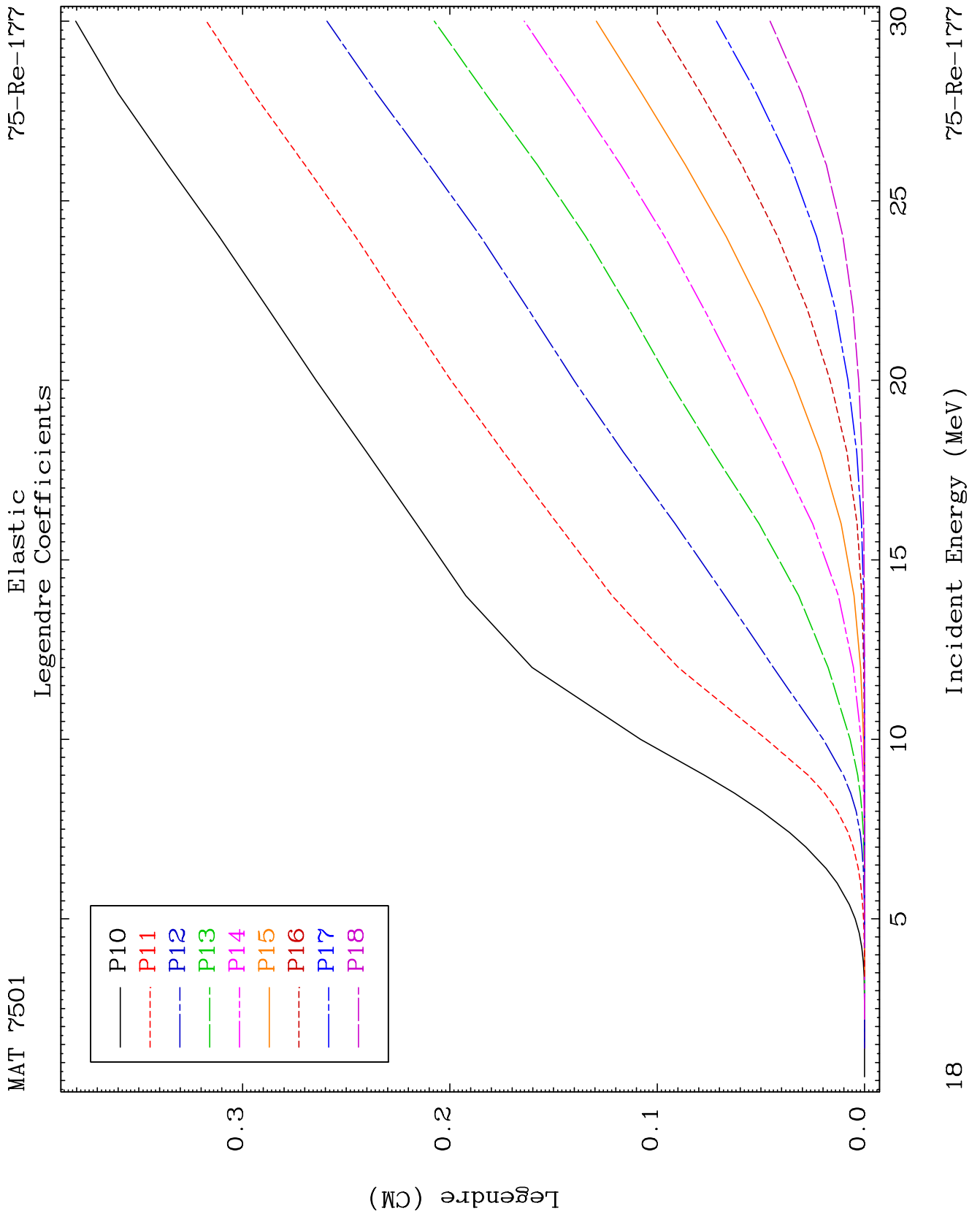
MAT 7501

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

75-Re-177



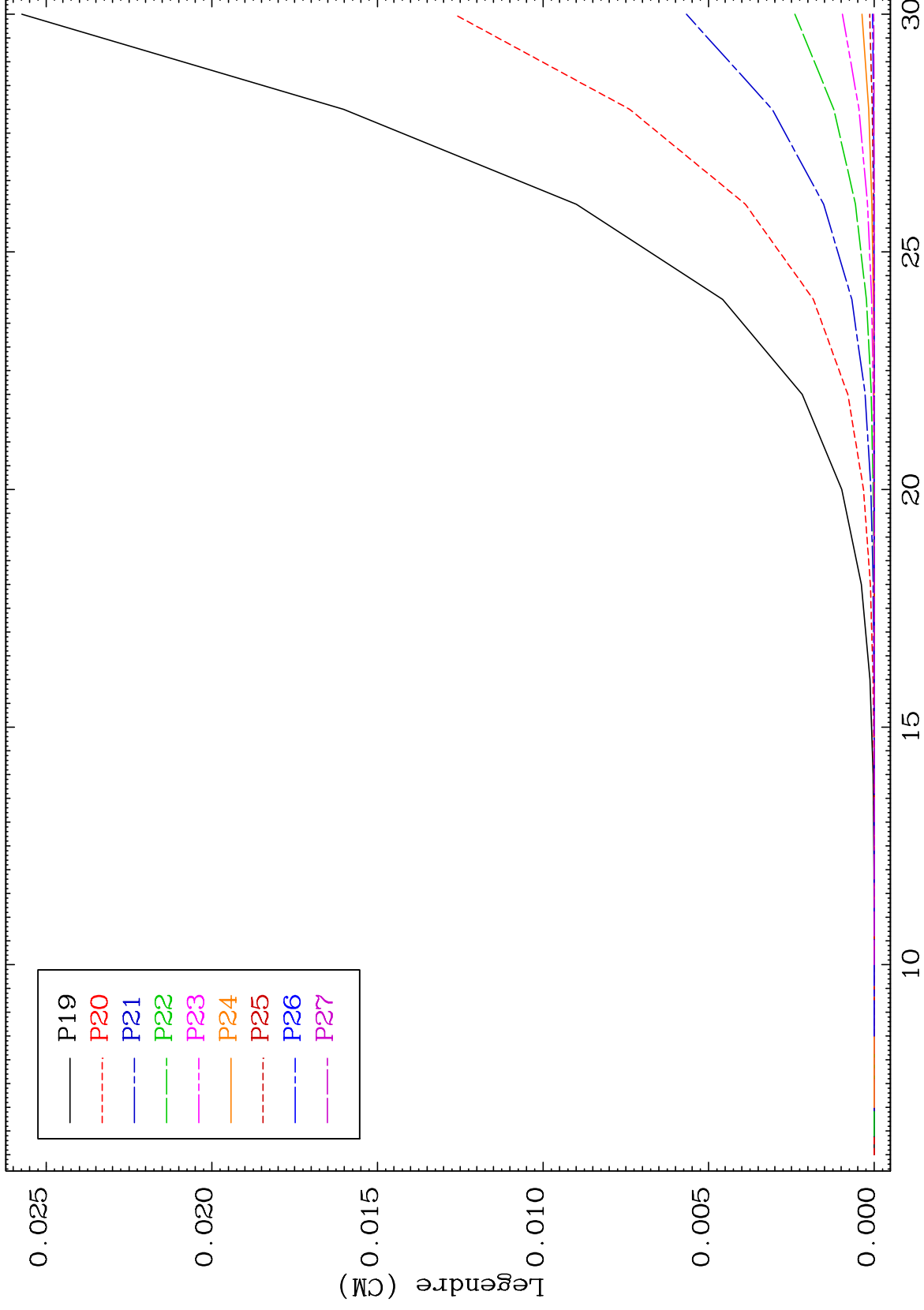




MAT 7501

Elastic  
Legendre Coefficients

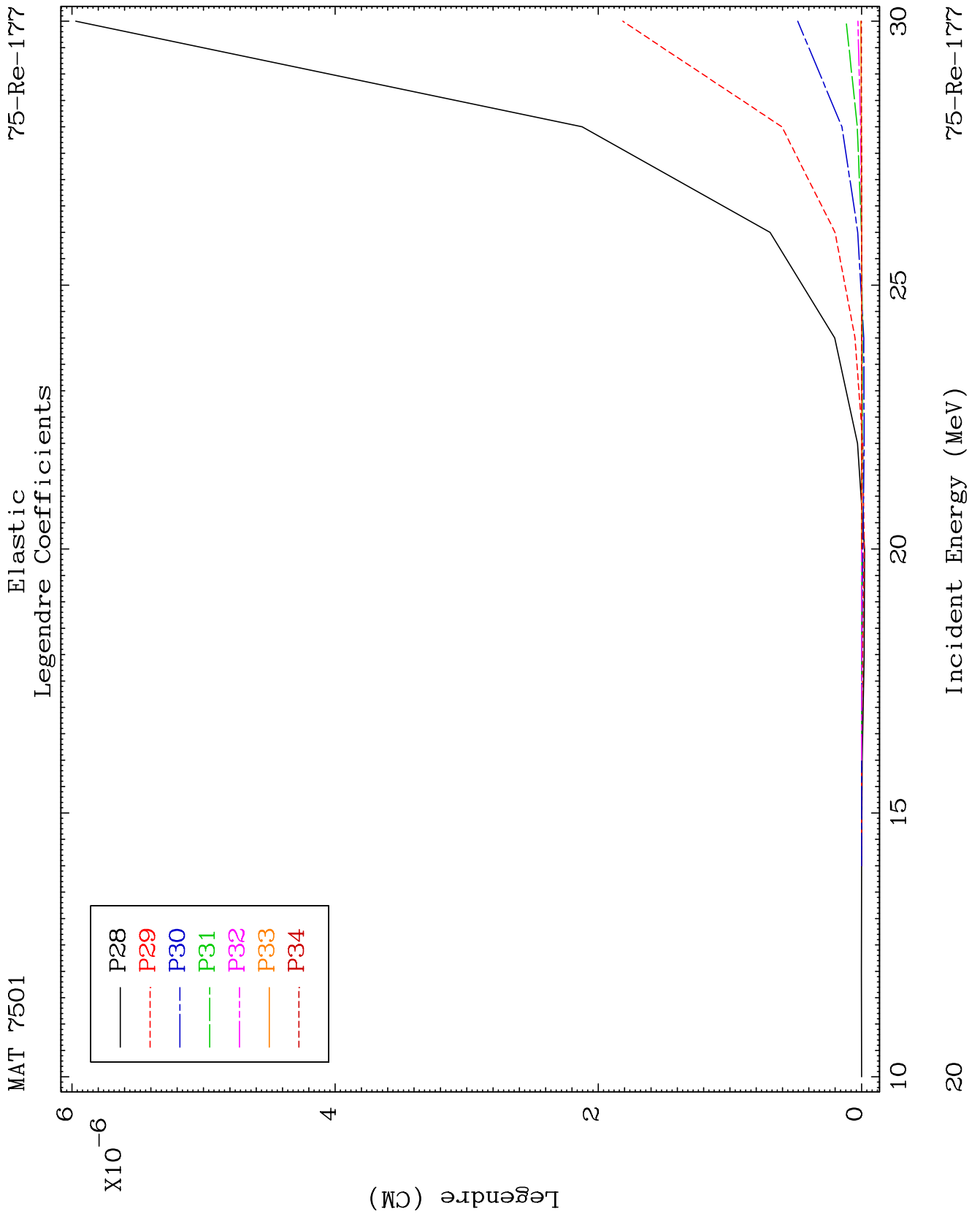
75-Re-177



19

Incident Energy (MeV)

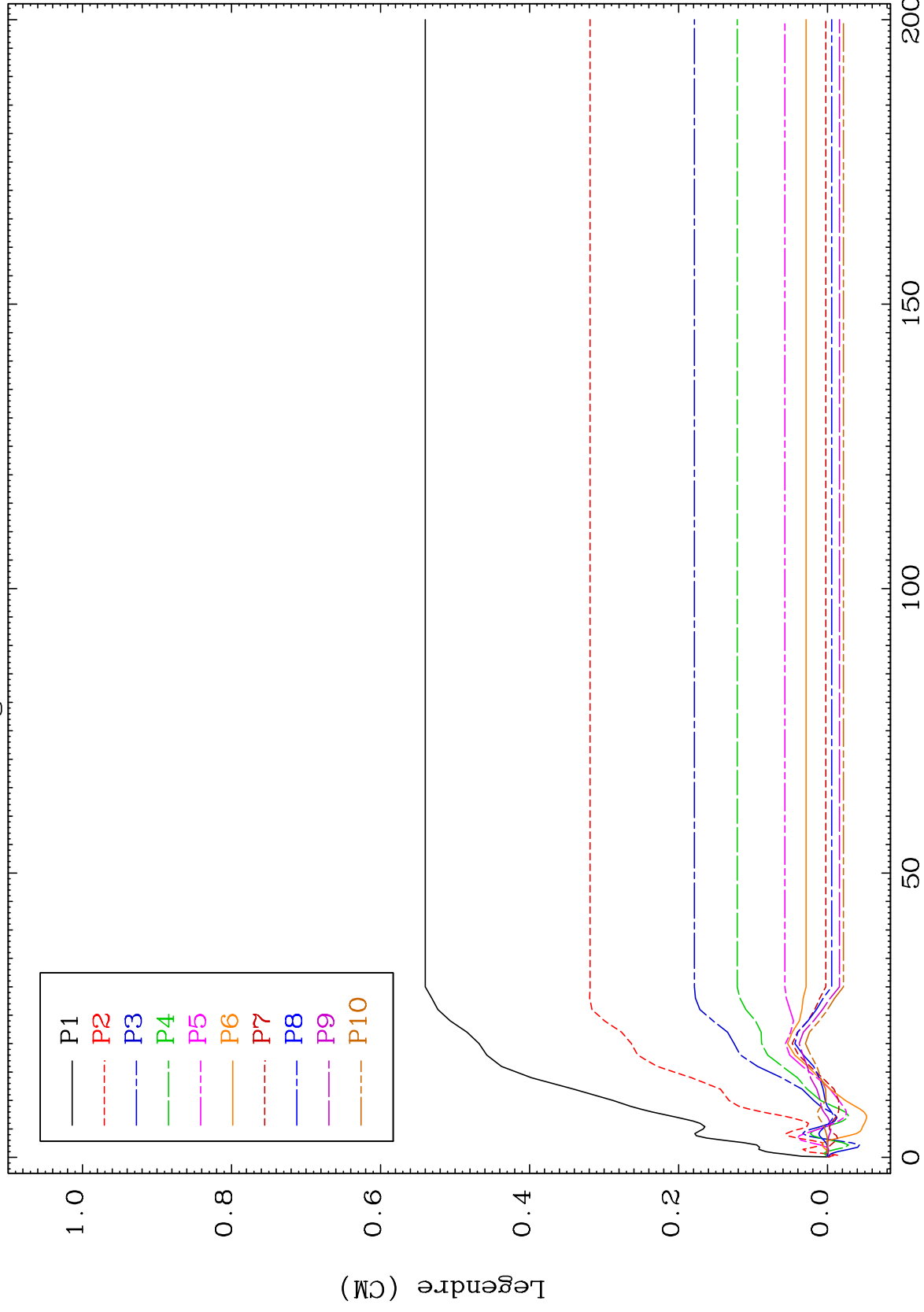
75-Re-177



MAT 7501

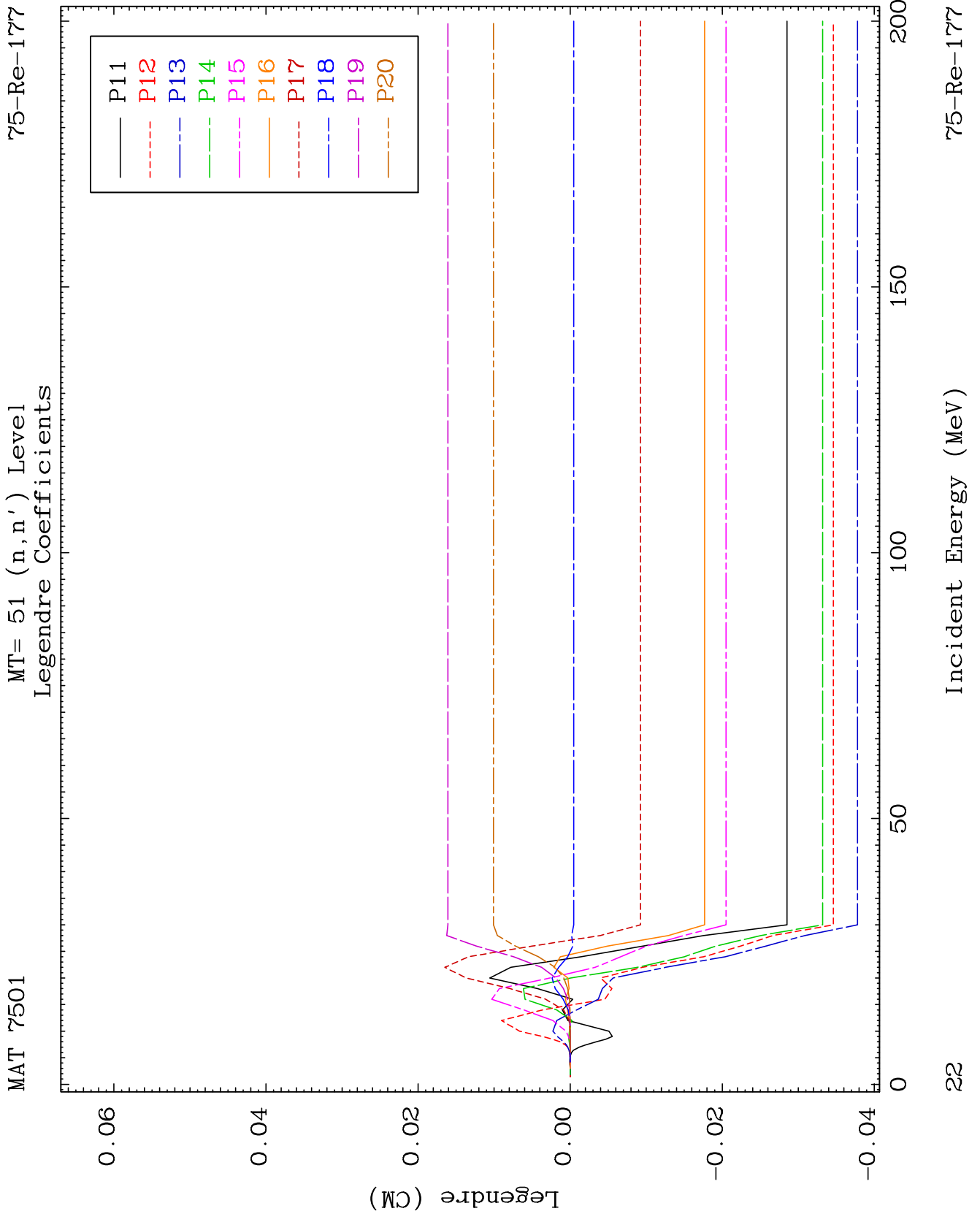
MT= 51 (n,n') Level  
Legendre Coefficients

75-Re-177



21

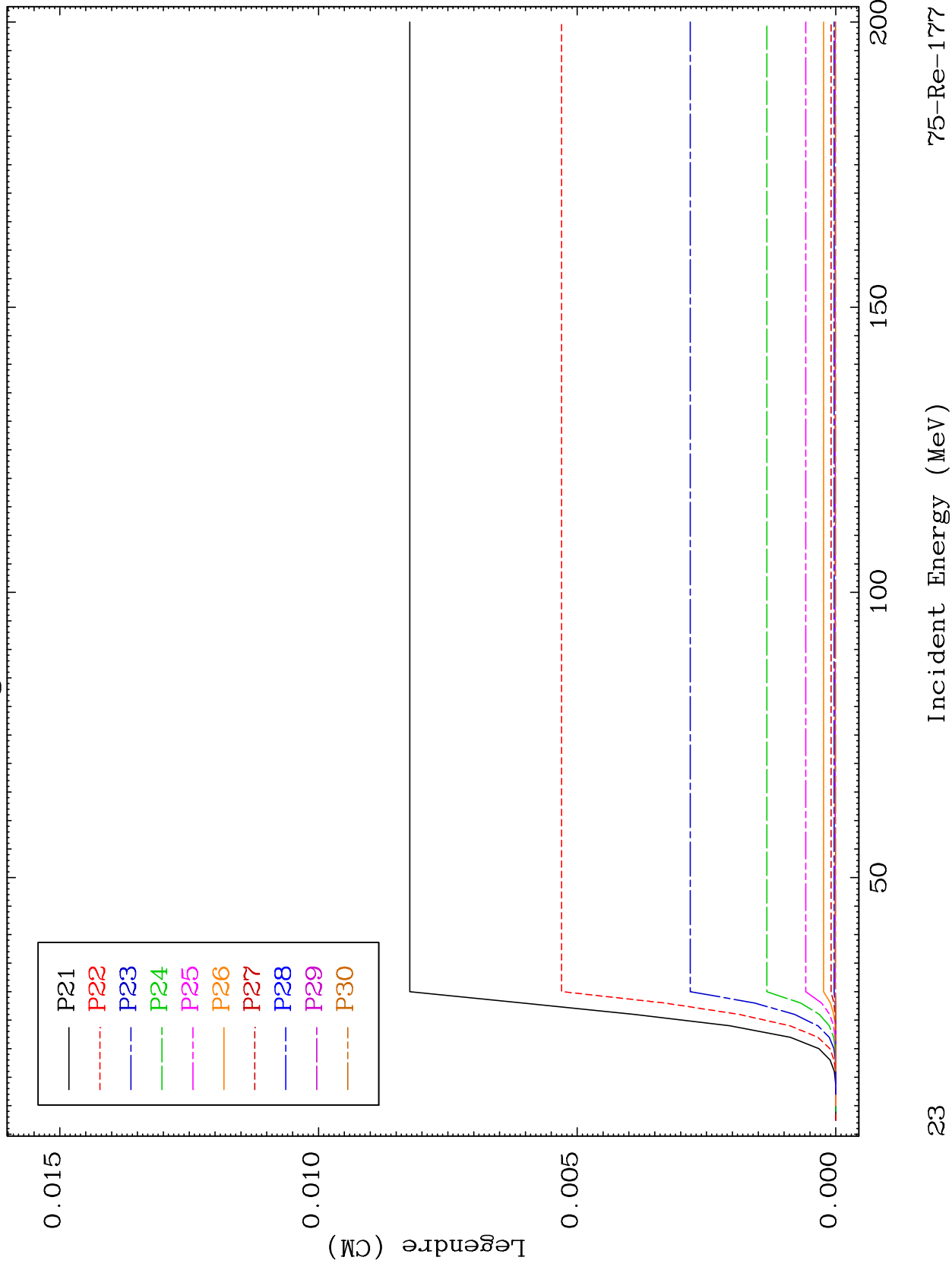
75-Re-177



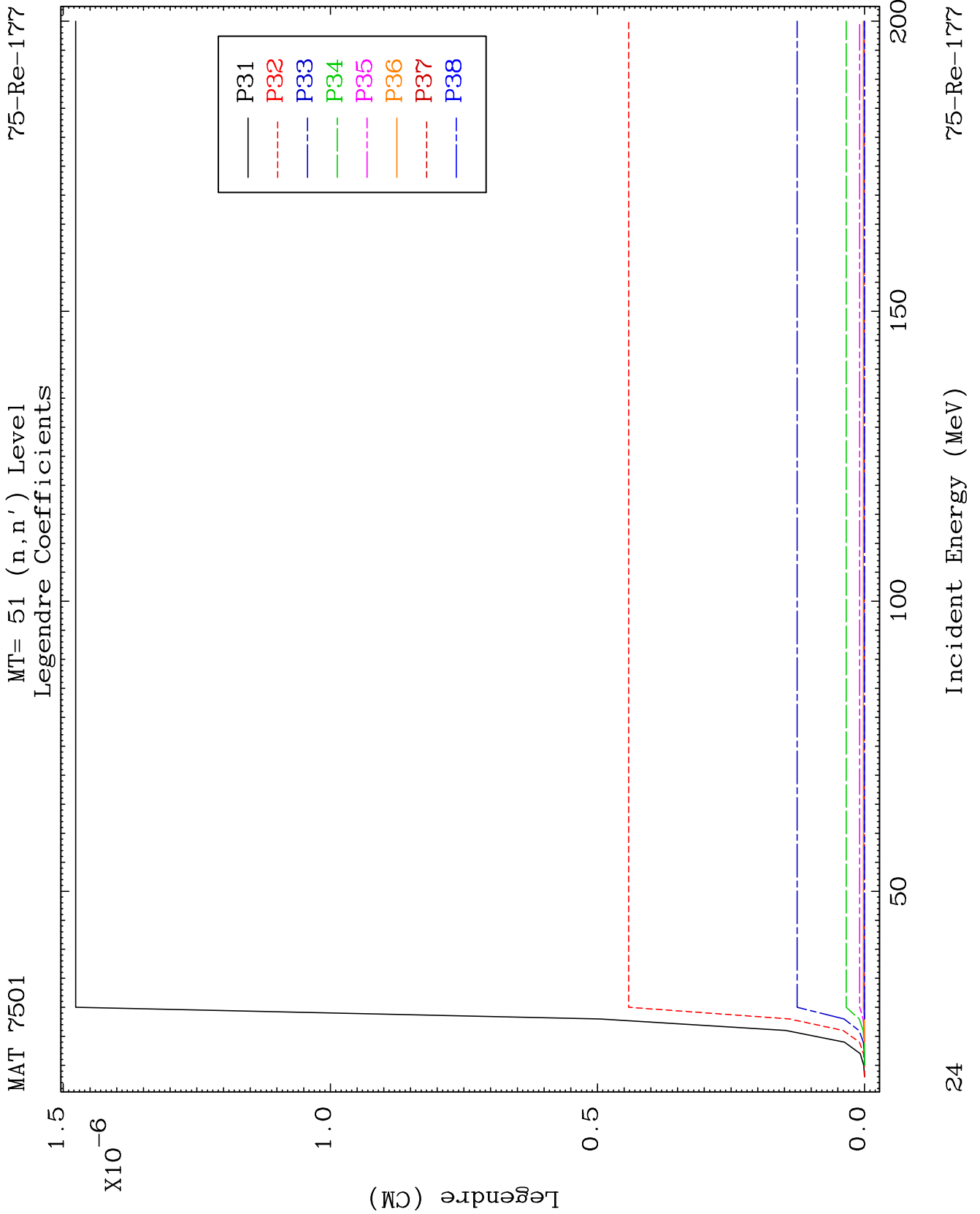
MAT 7501

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

75-Re-177



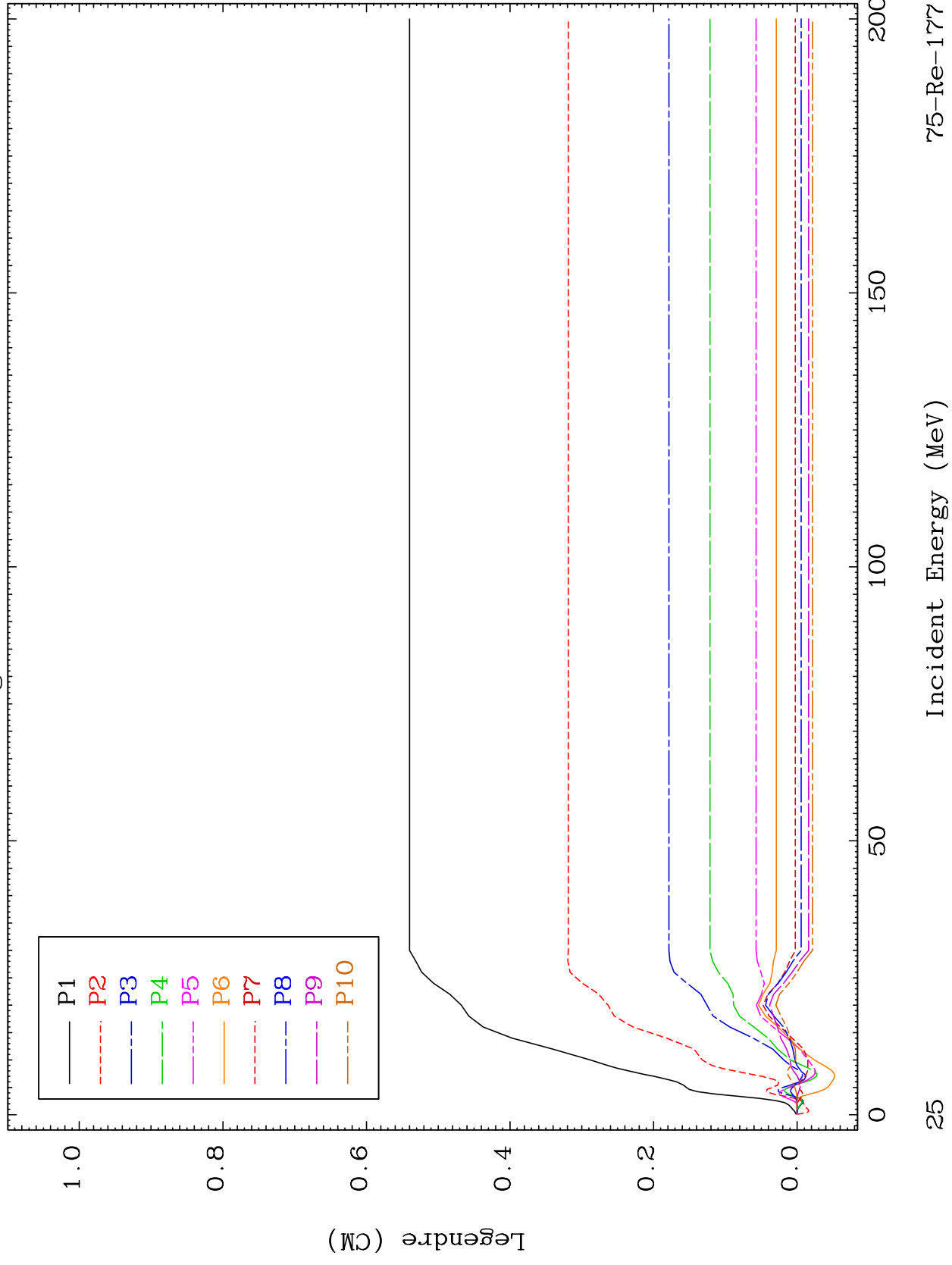




MAT 7501

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

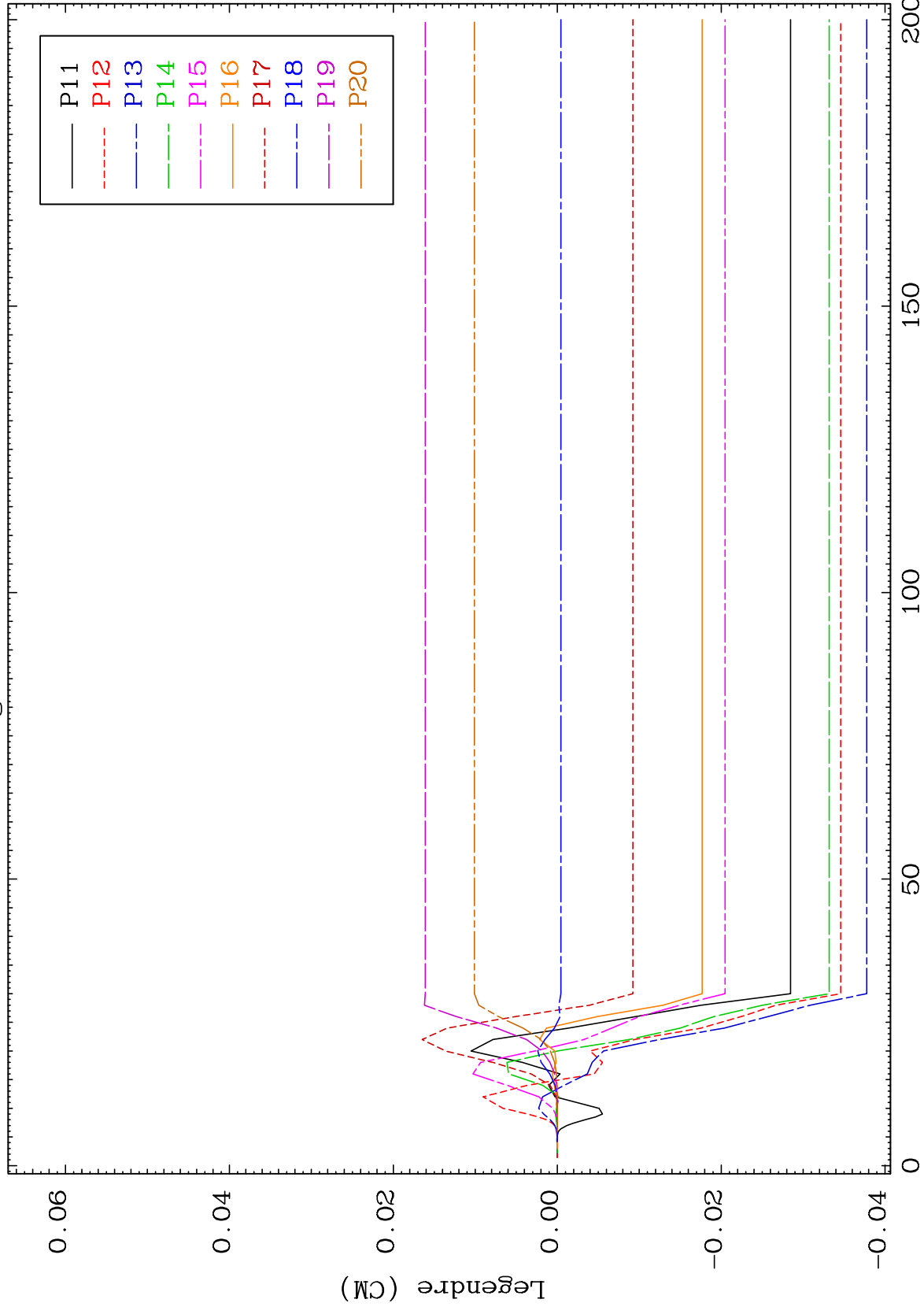
75-Re-177



MAT 7501

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

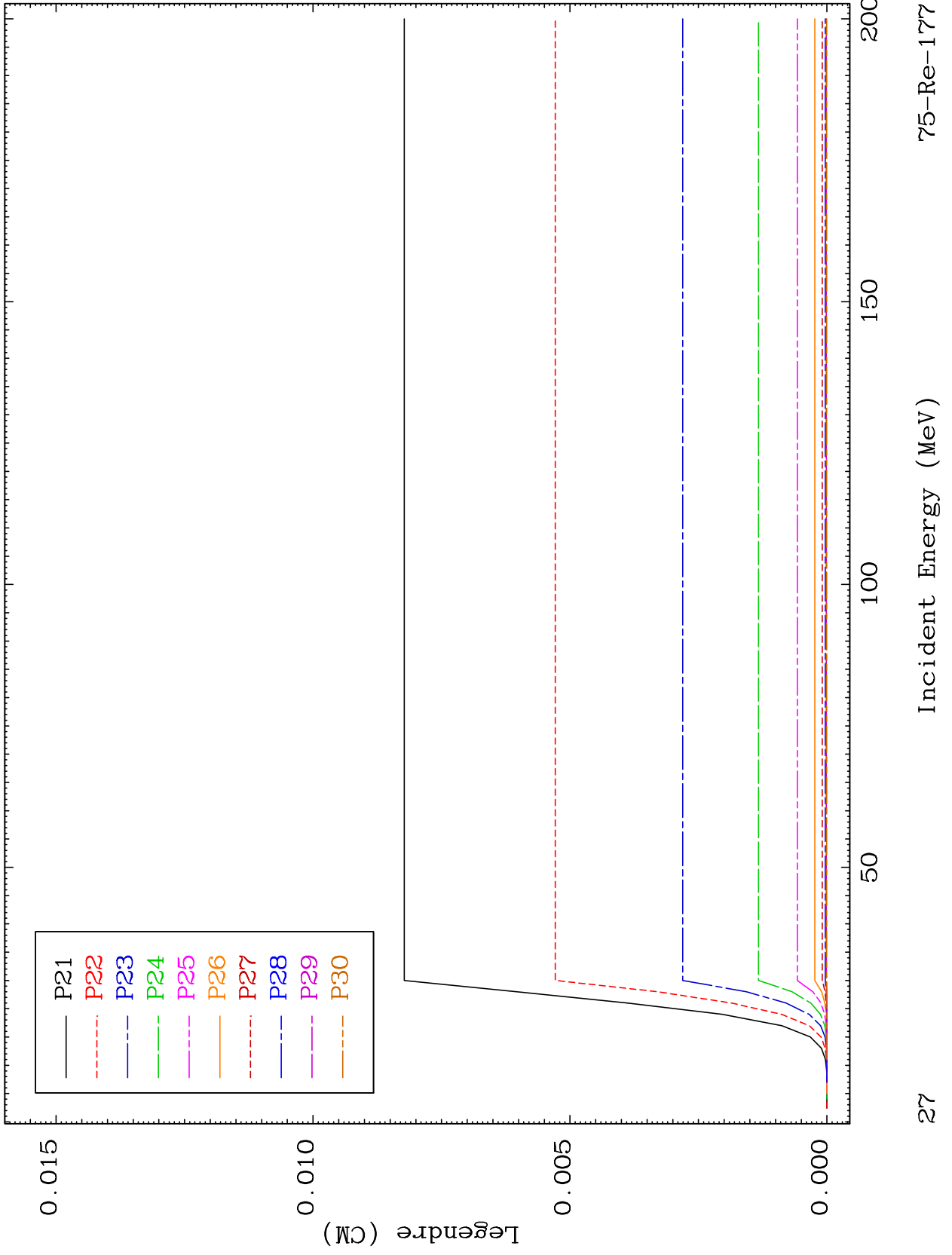
75-Re-177



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Incident Energy (MeV)

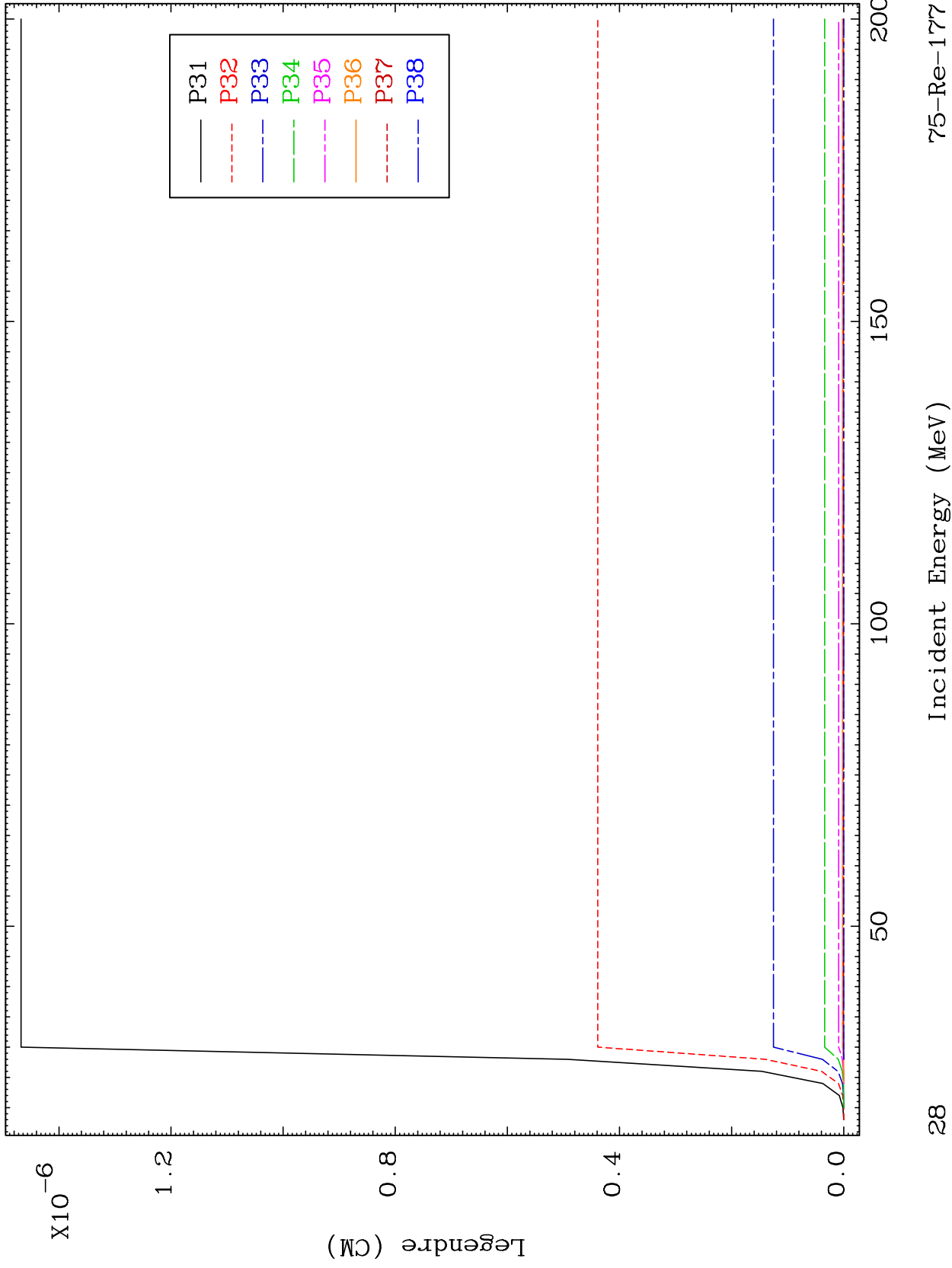
75-Re-177



MAT 7501

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

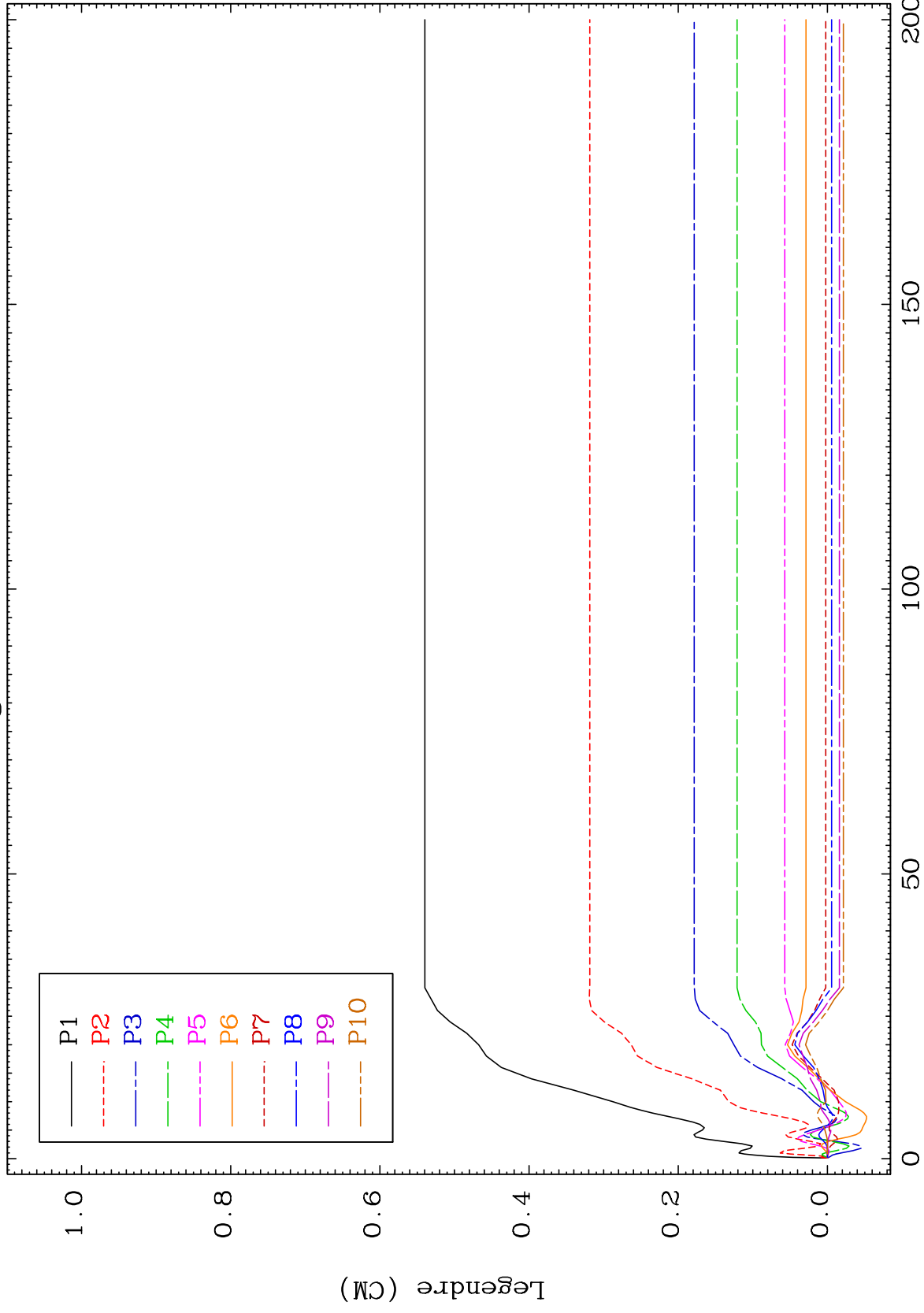
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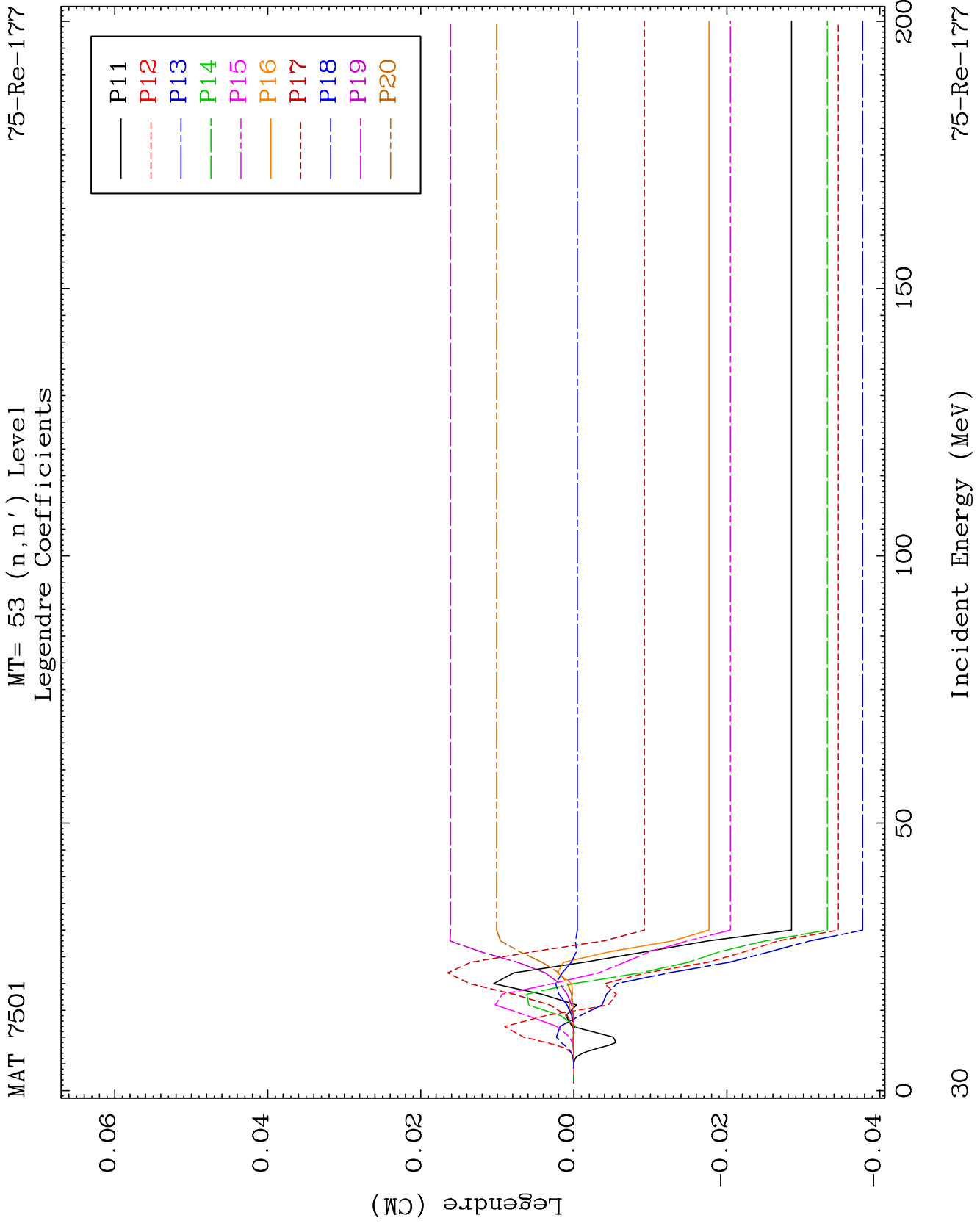


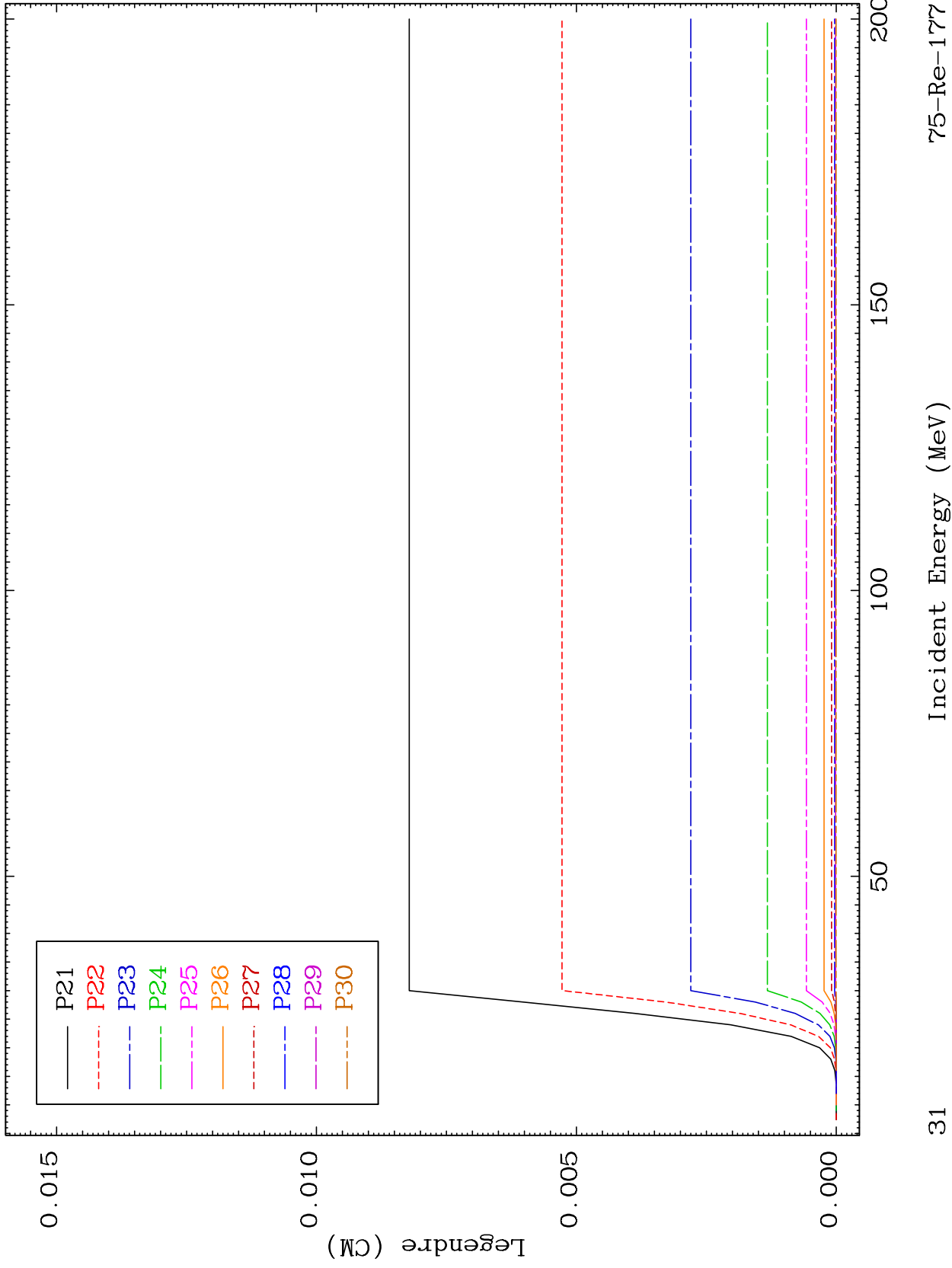
28

Incident Energy (MeV)

75-Re-177





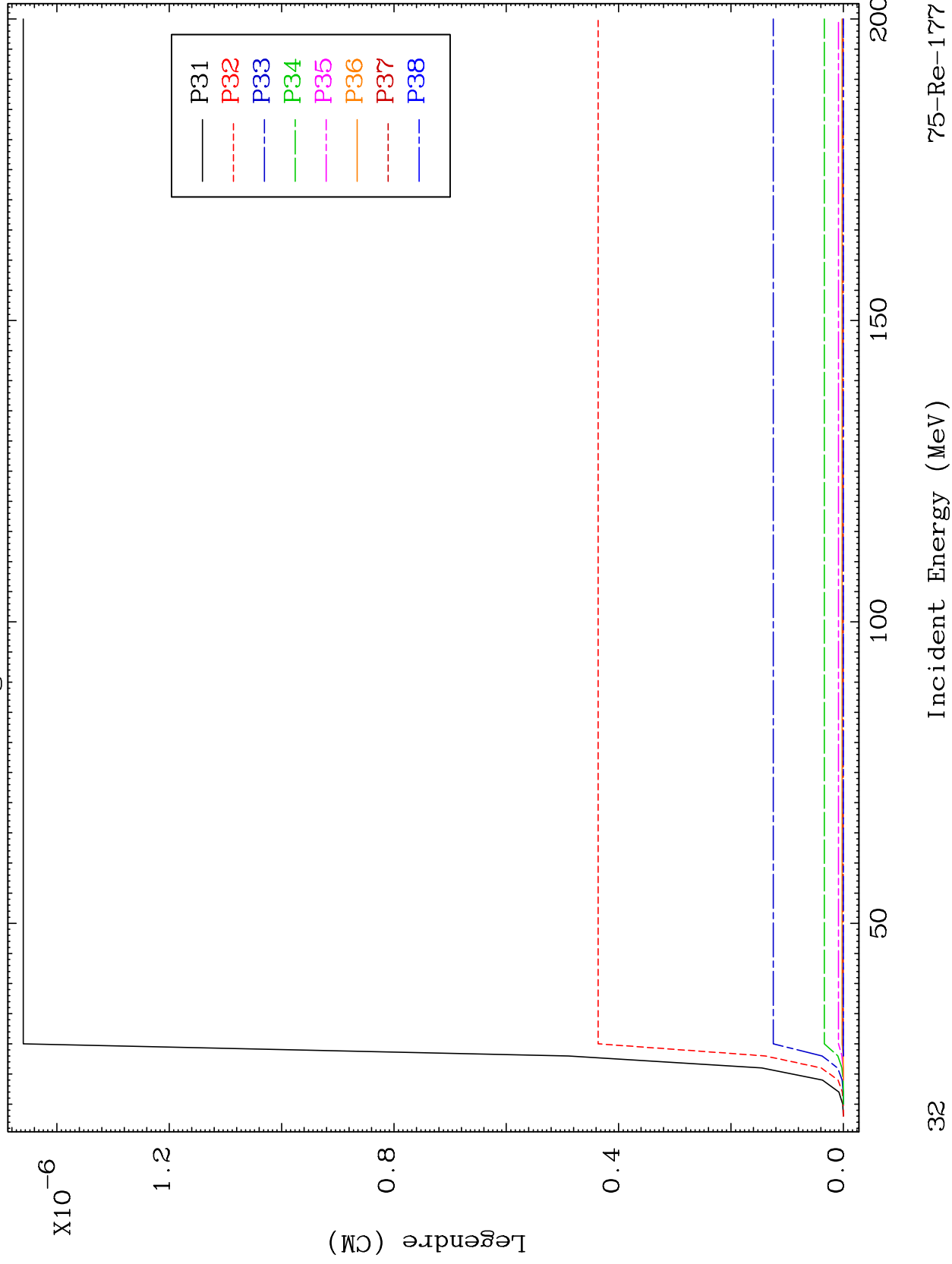




MAT 7501

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

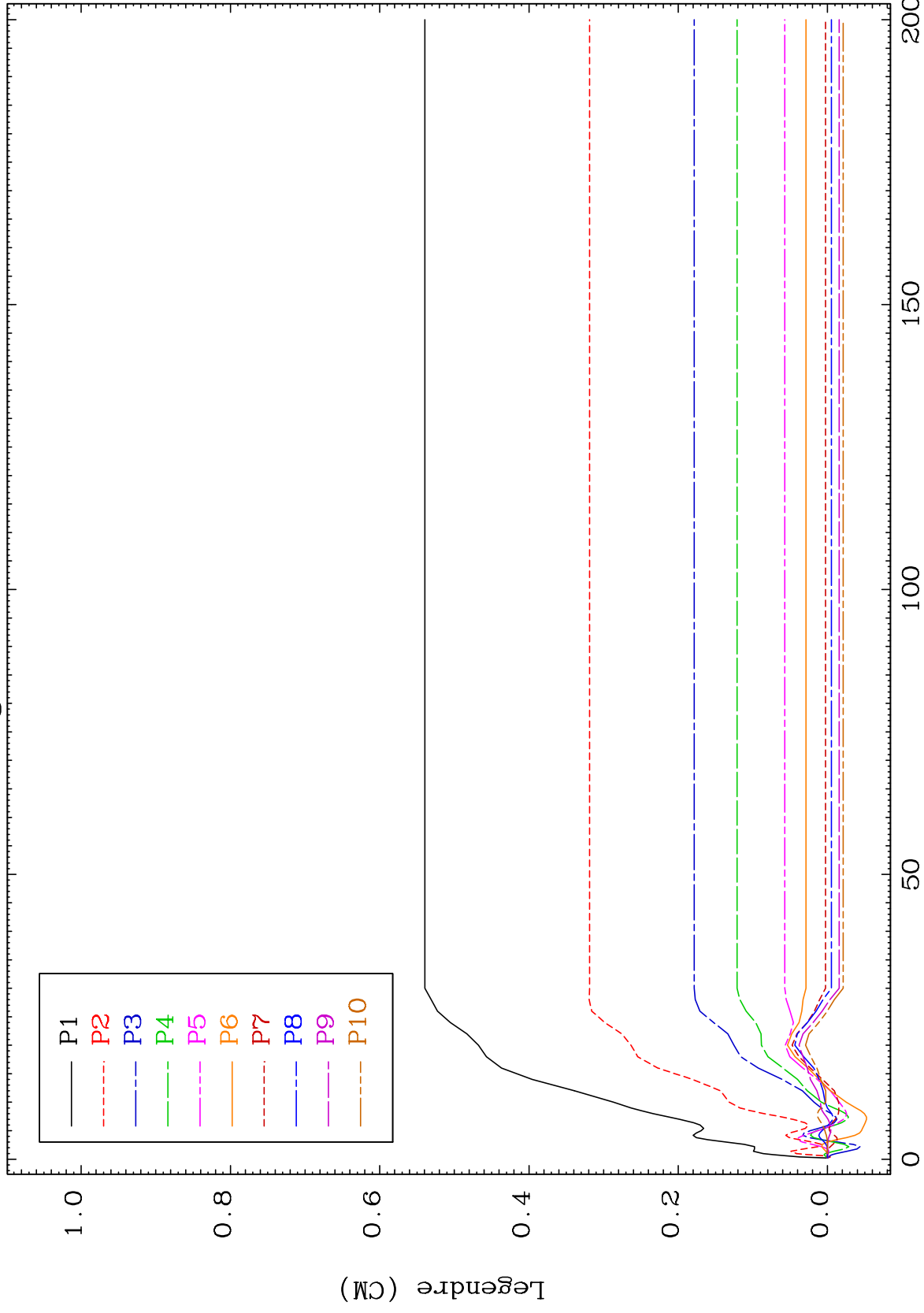
75-Re-177



MAT 7501

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

75-Re-177



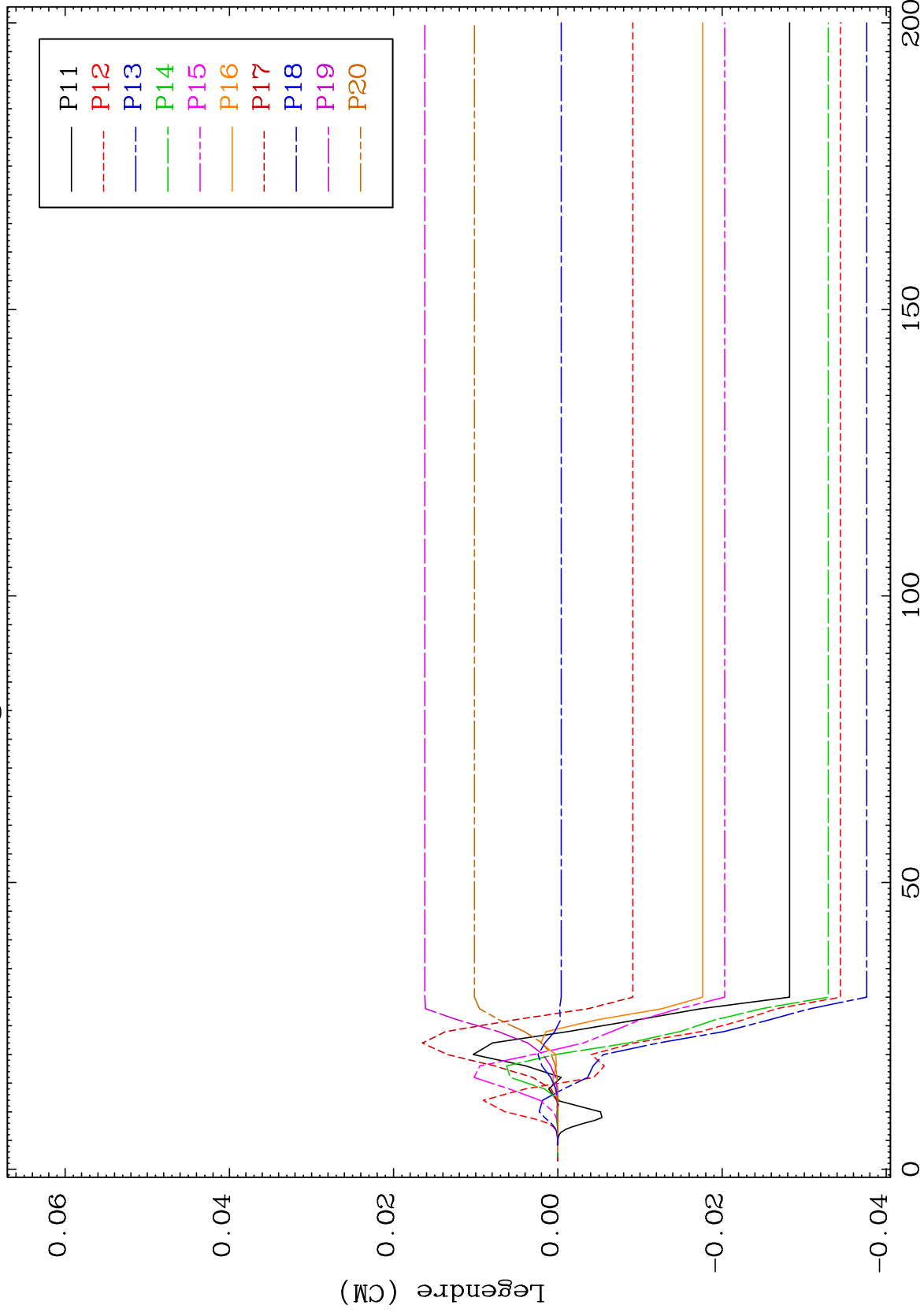
33

75-Re-177

MAT 7501

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

75-Re-177



34

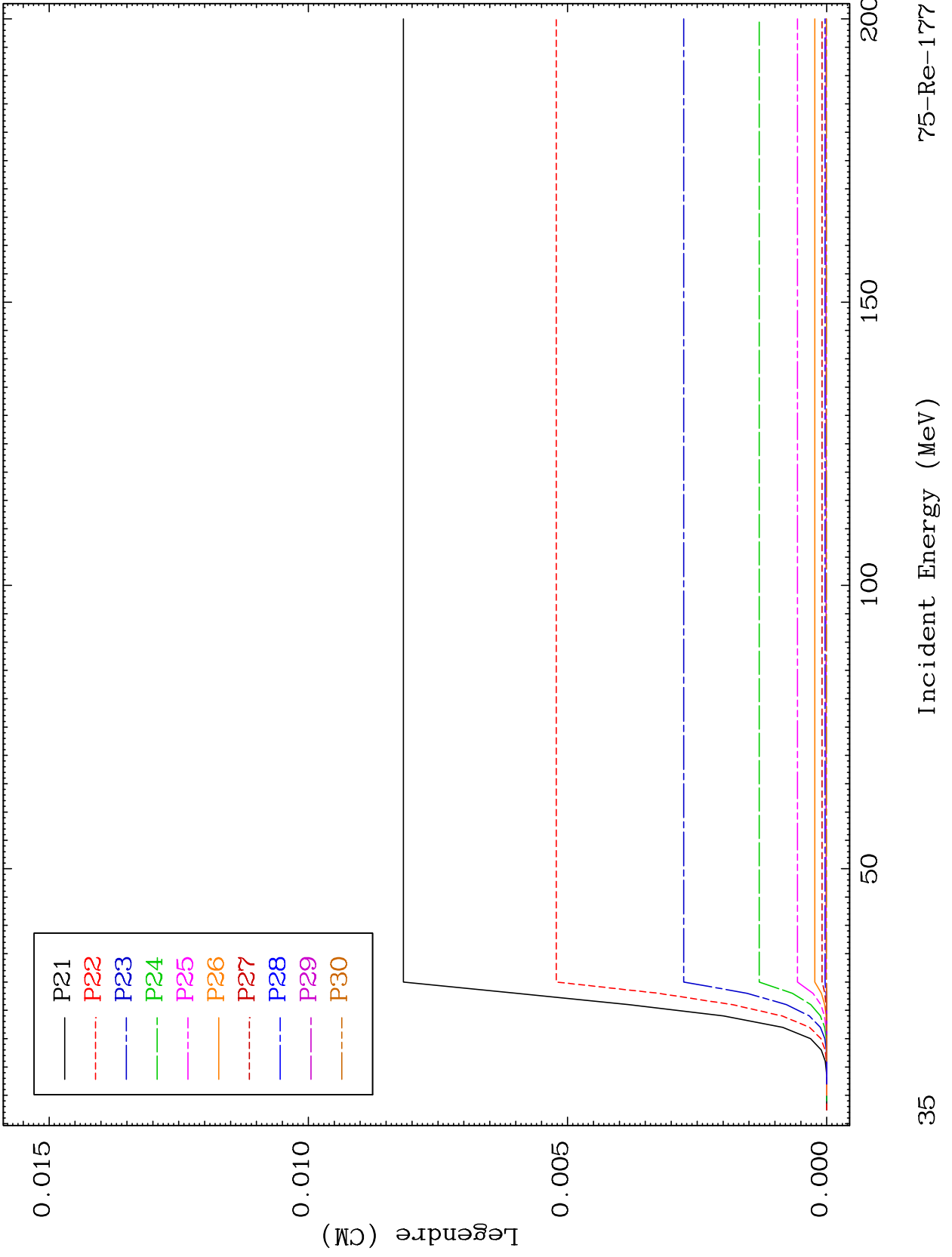
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



35

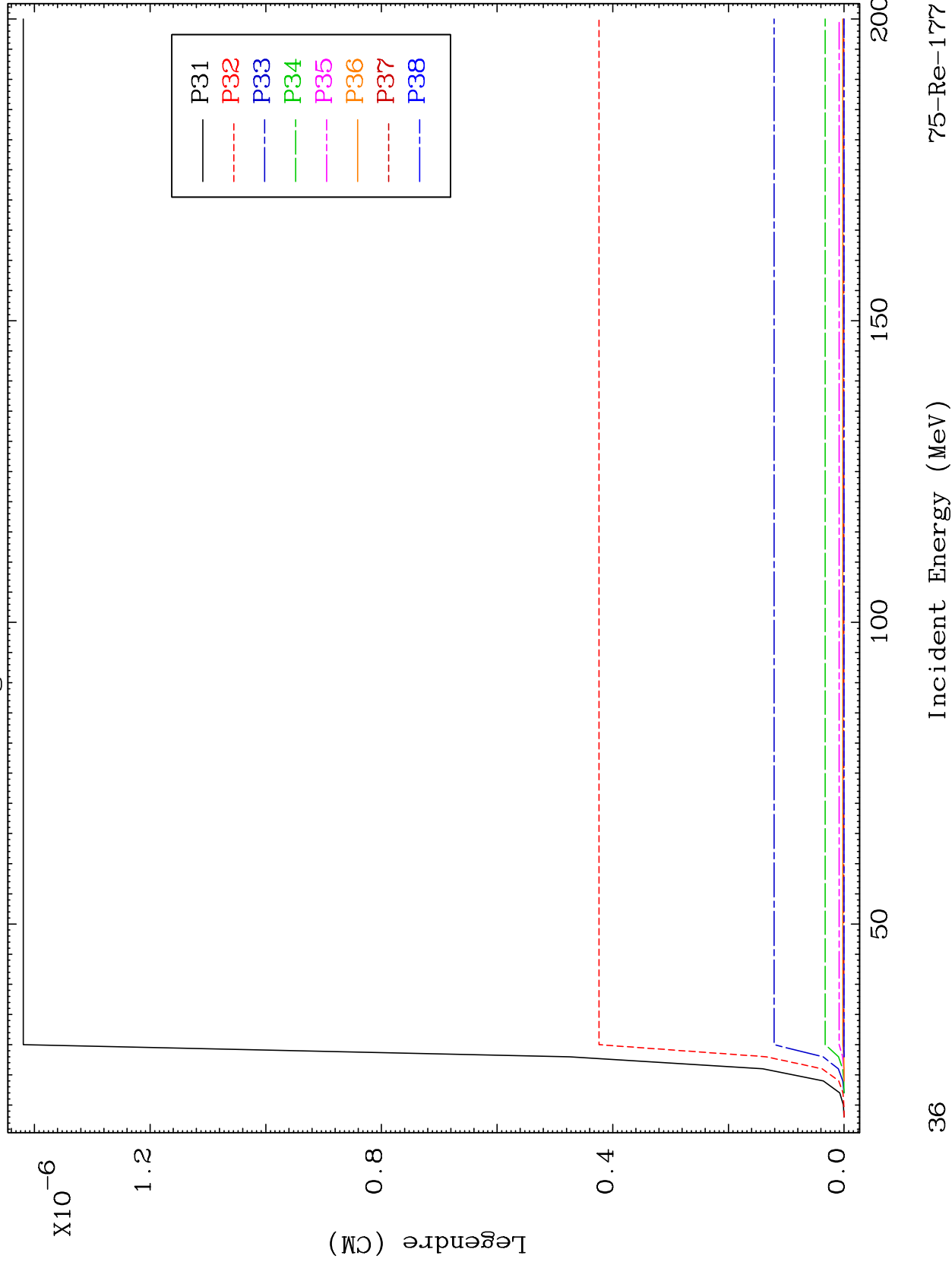
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



36

Incident Energy (MeV)

75-Re-177

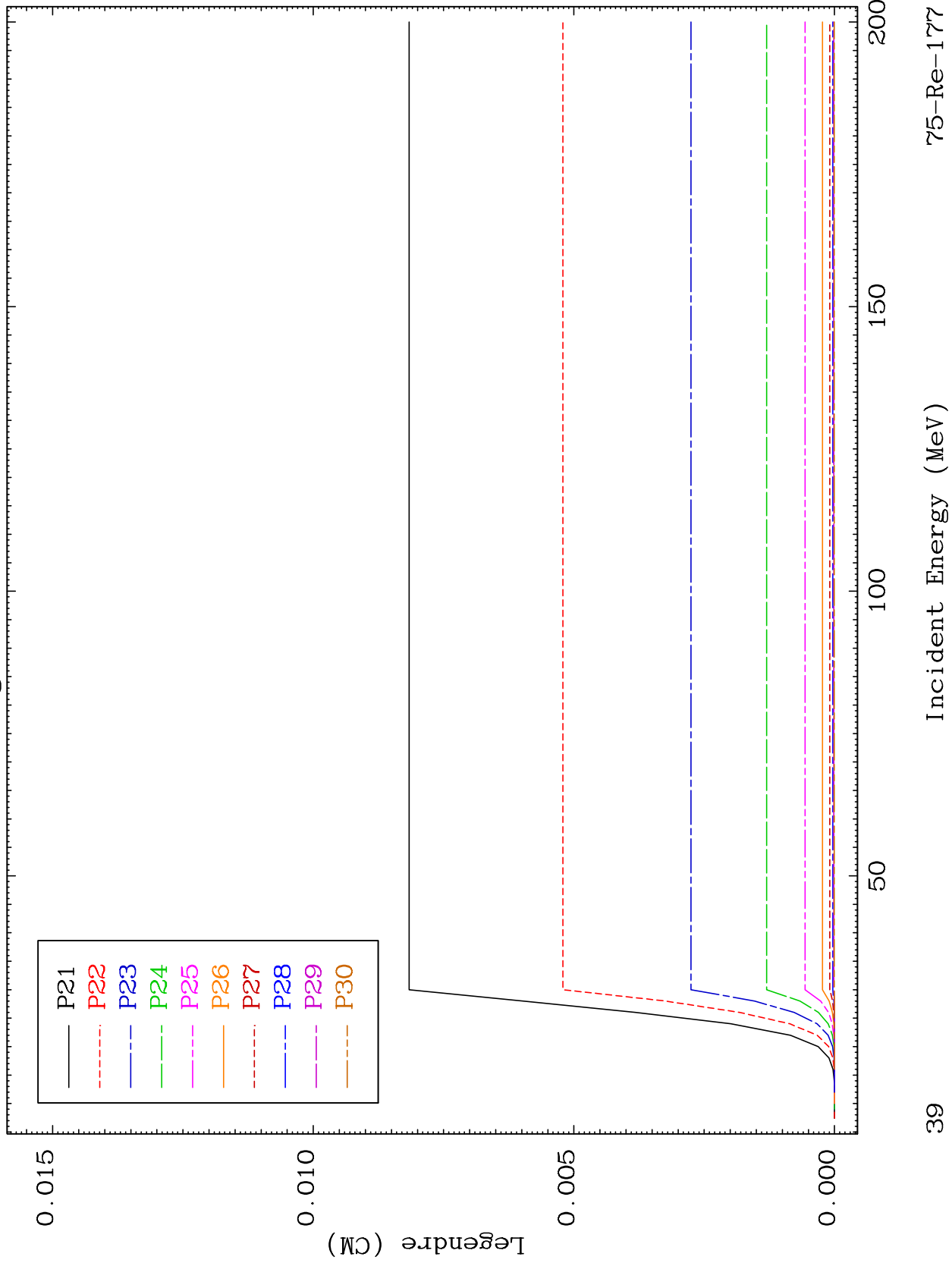




MAT 7501

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

75-Re-177



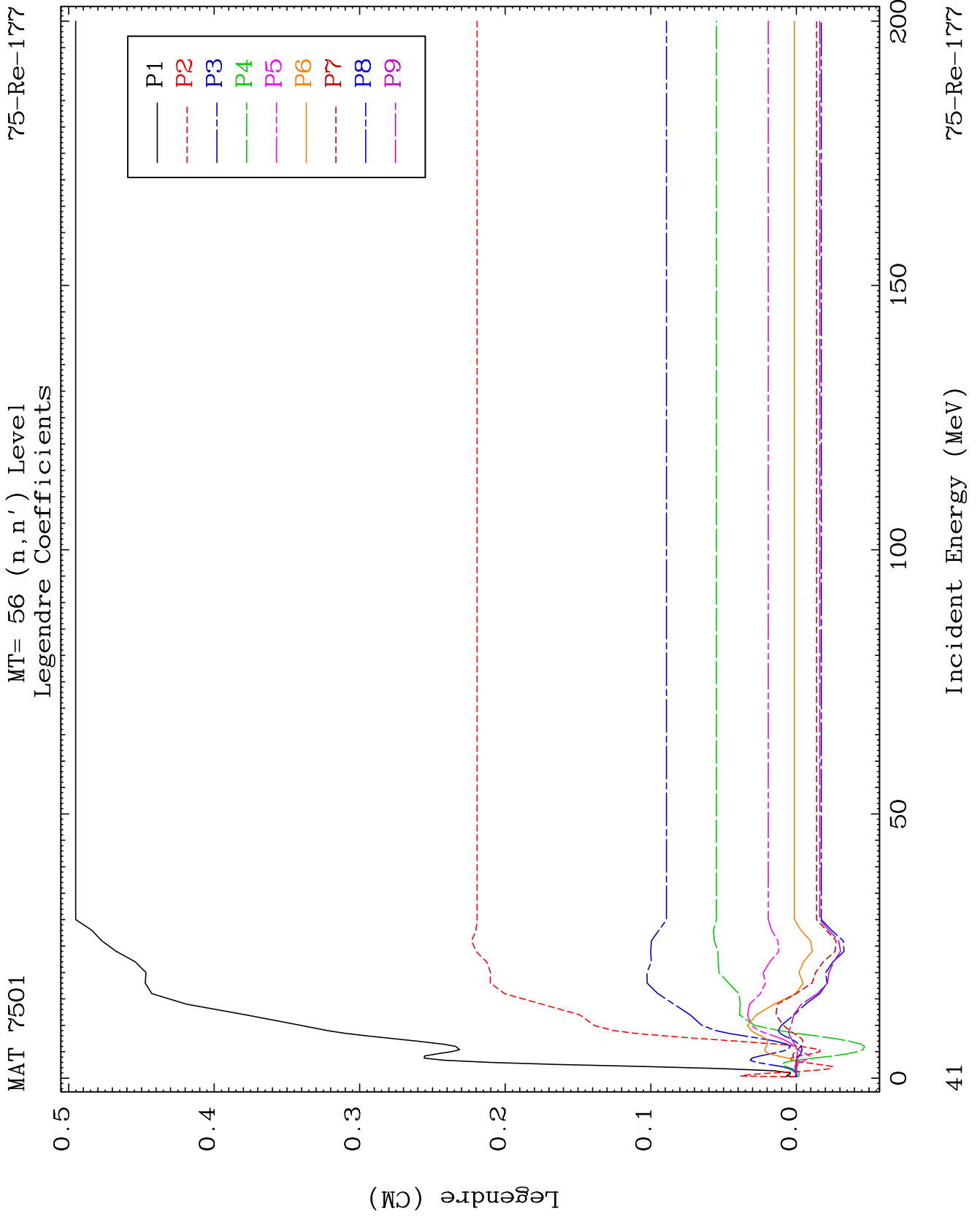
39

Incident Energy (MeV)

75-Re-177





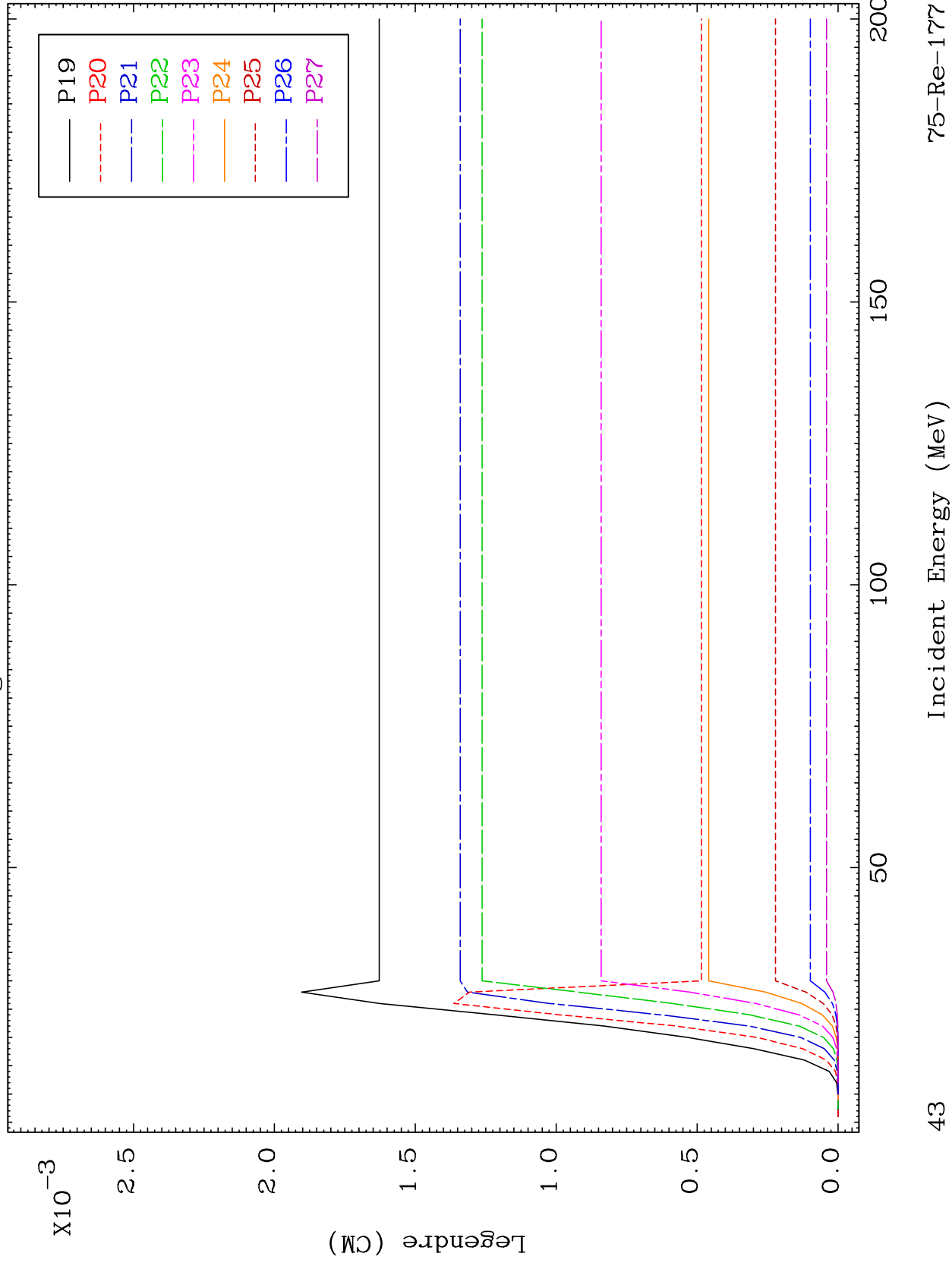




MAT 7501

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

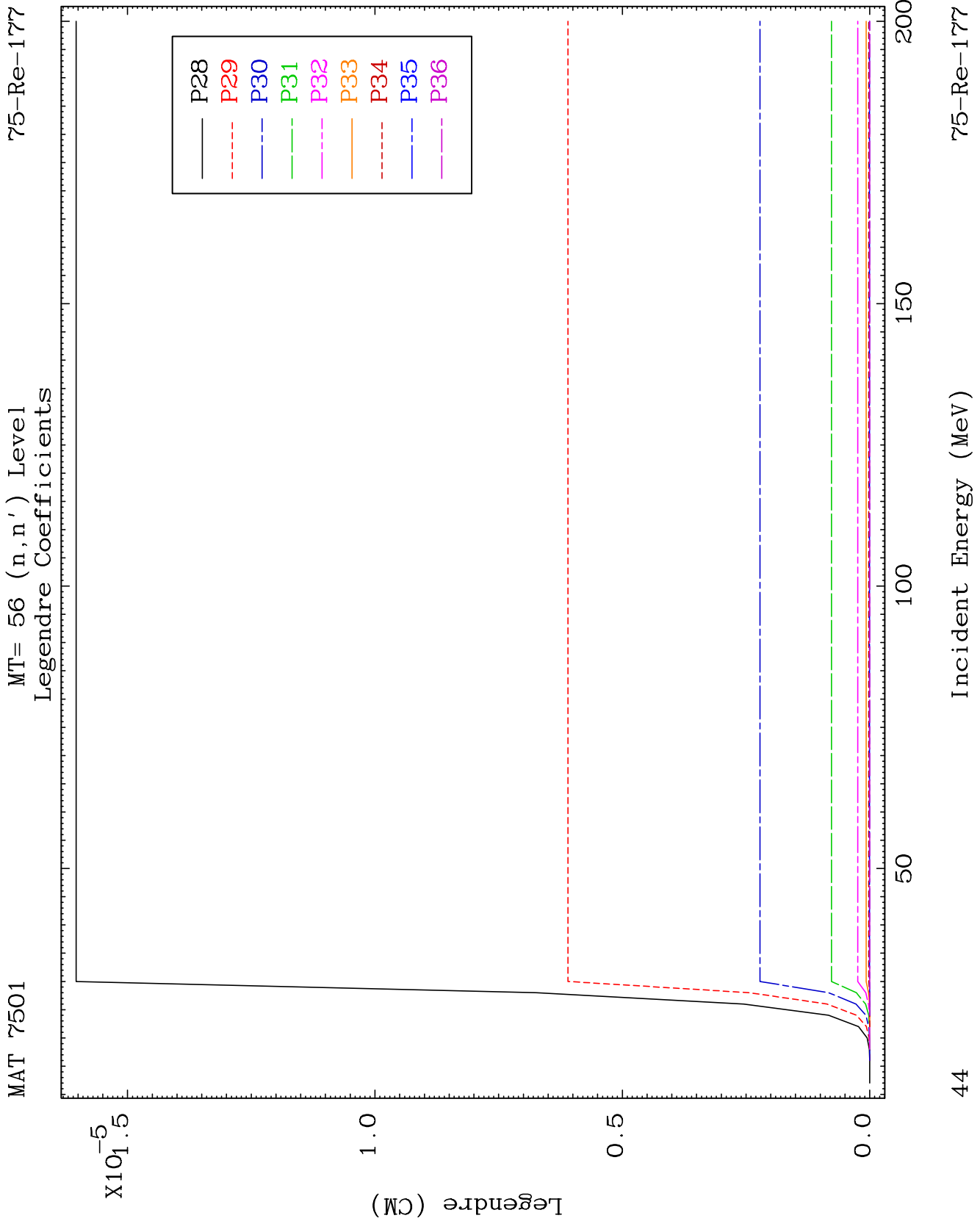
75-Re-177



43

Incident Energy (MeV)

75-Re-177

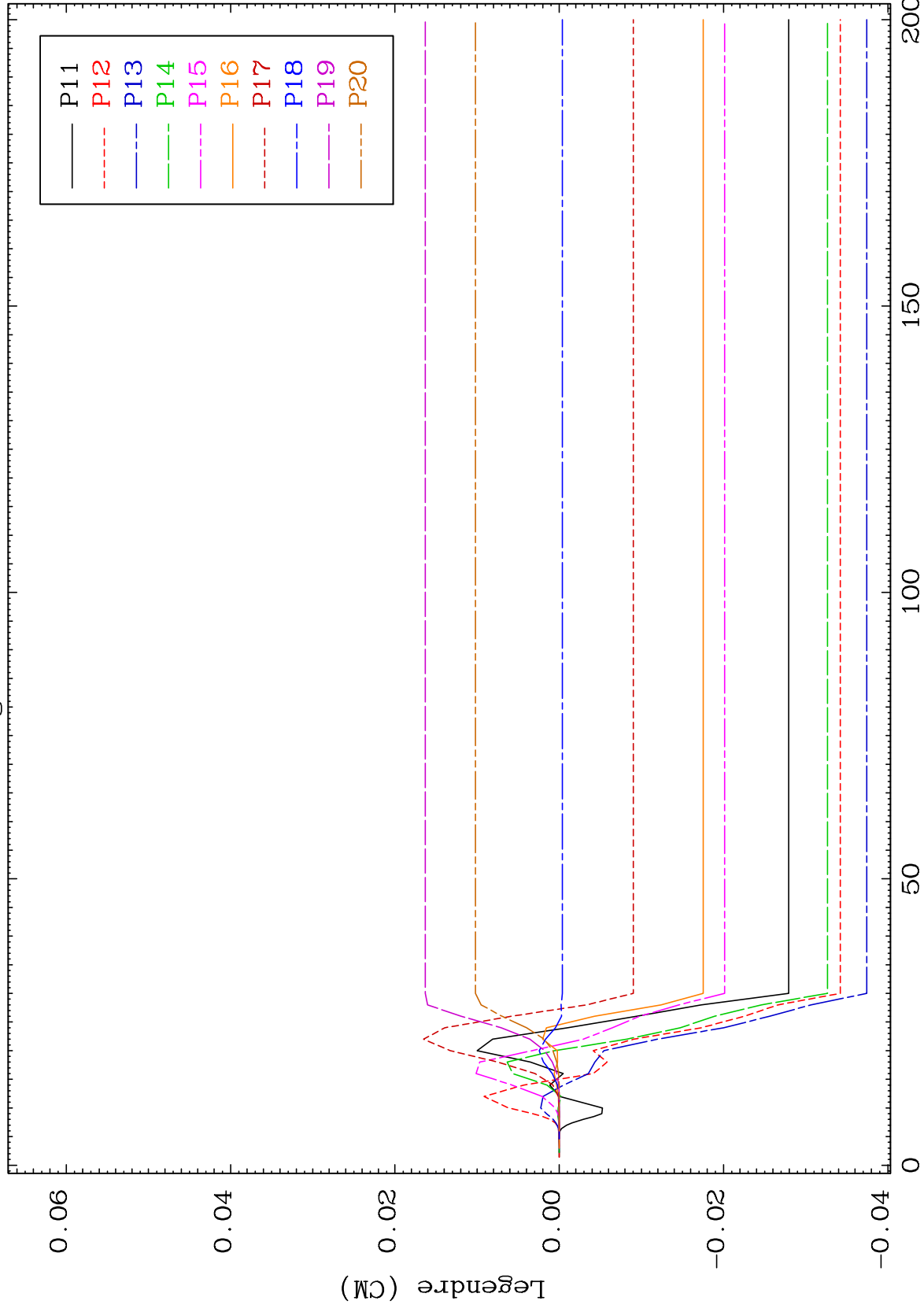




MAT 7501

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

75-Re-177



46

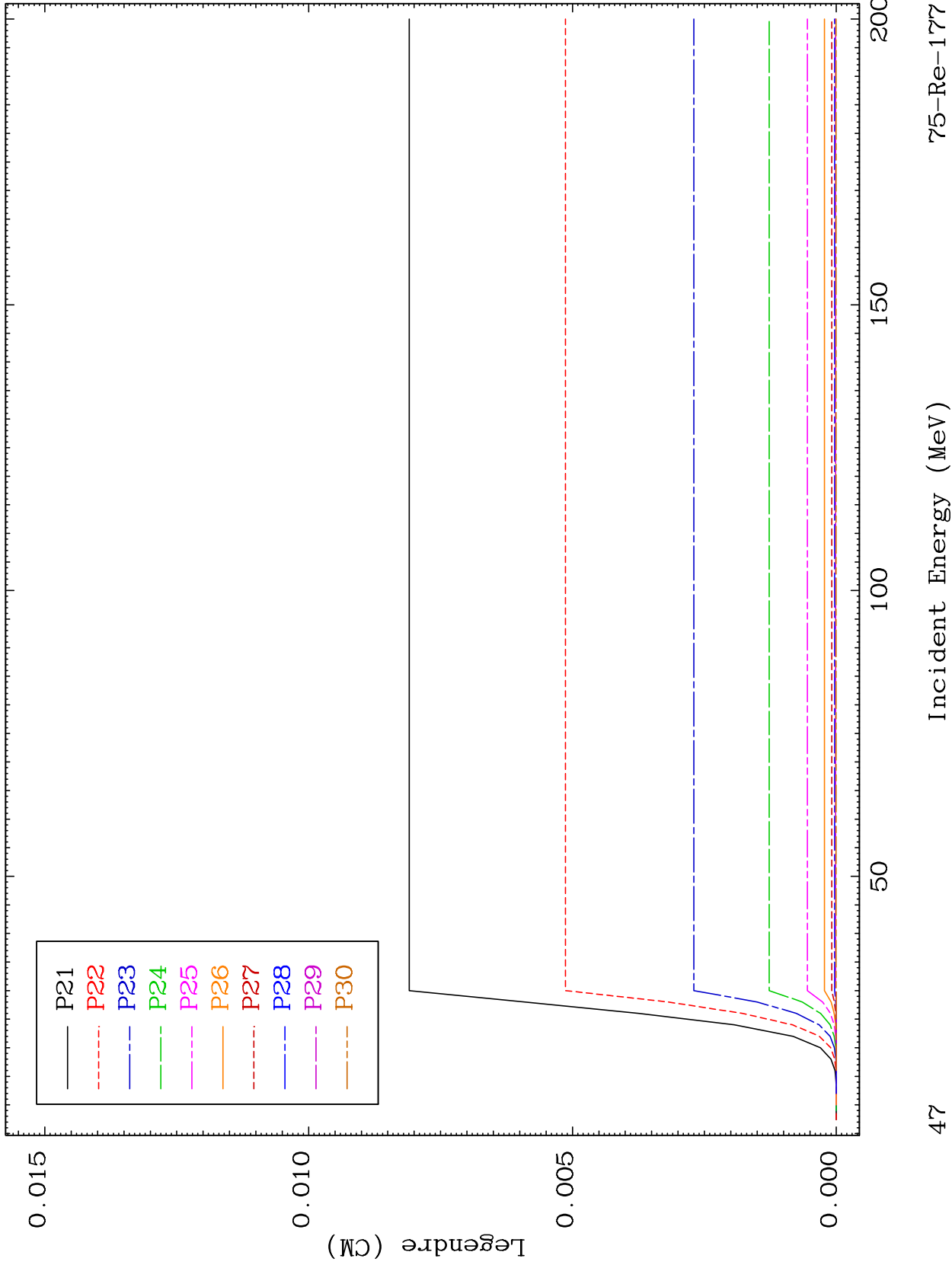
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



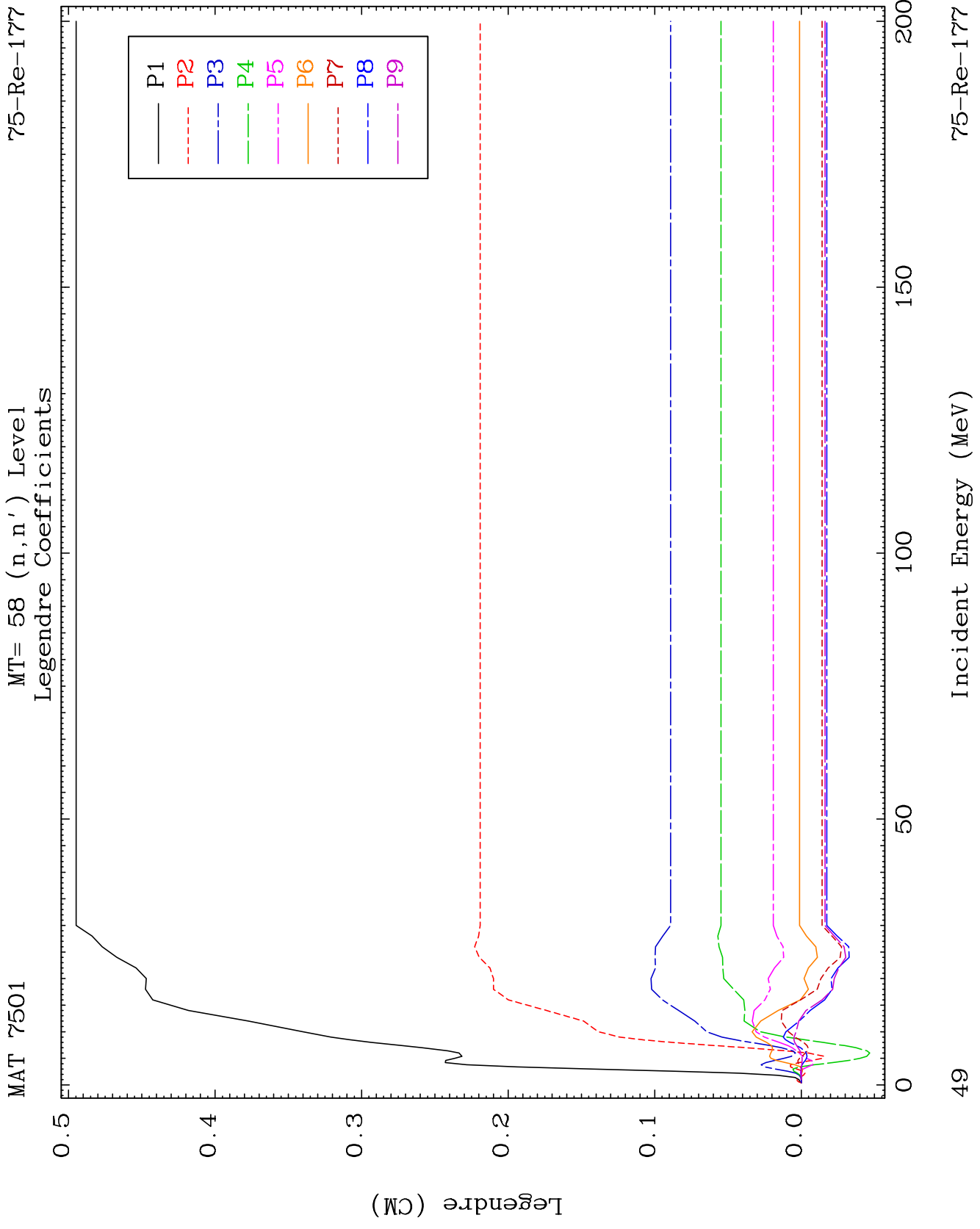
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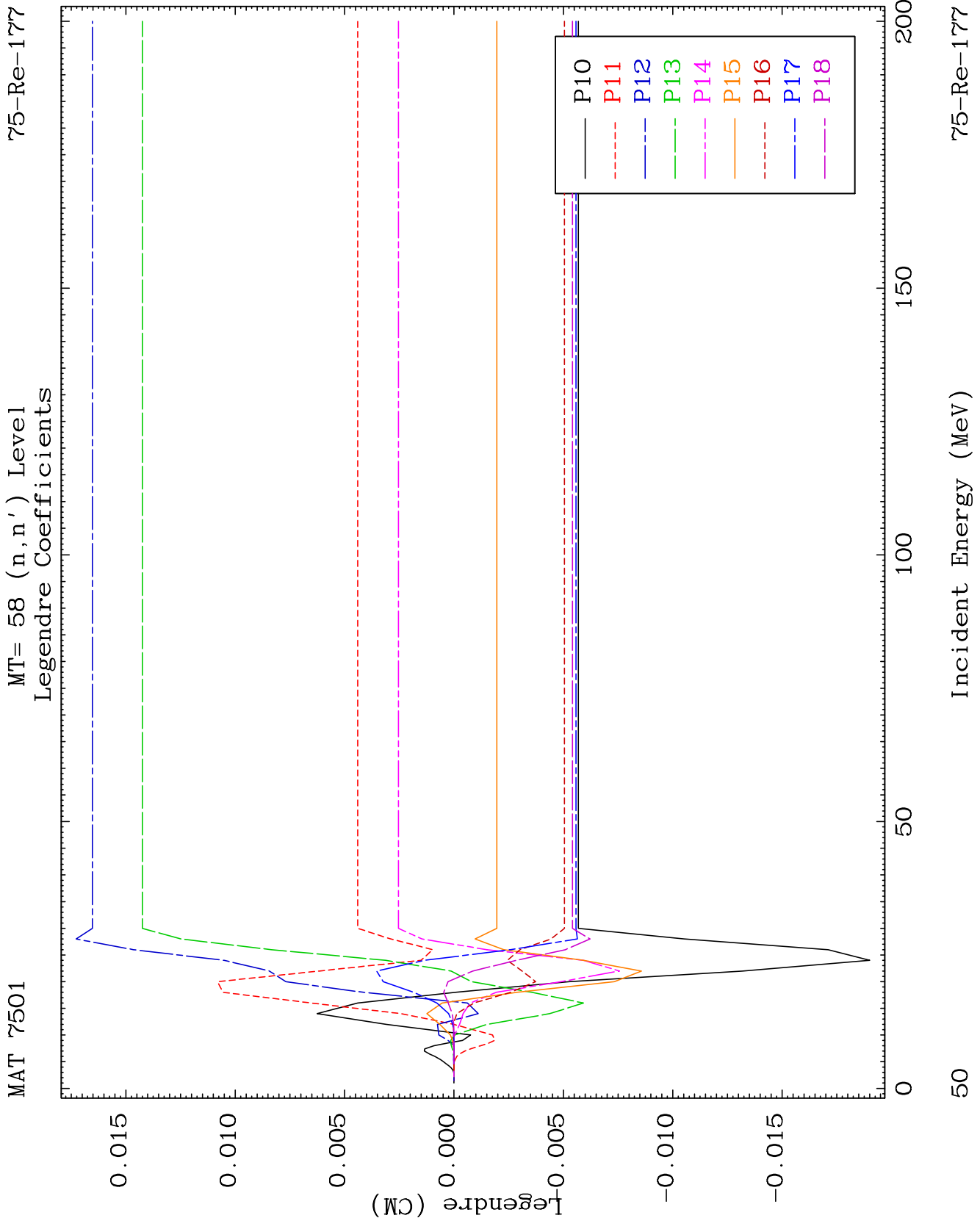
Incident Energy (MeV)

75-Re-177





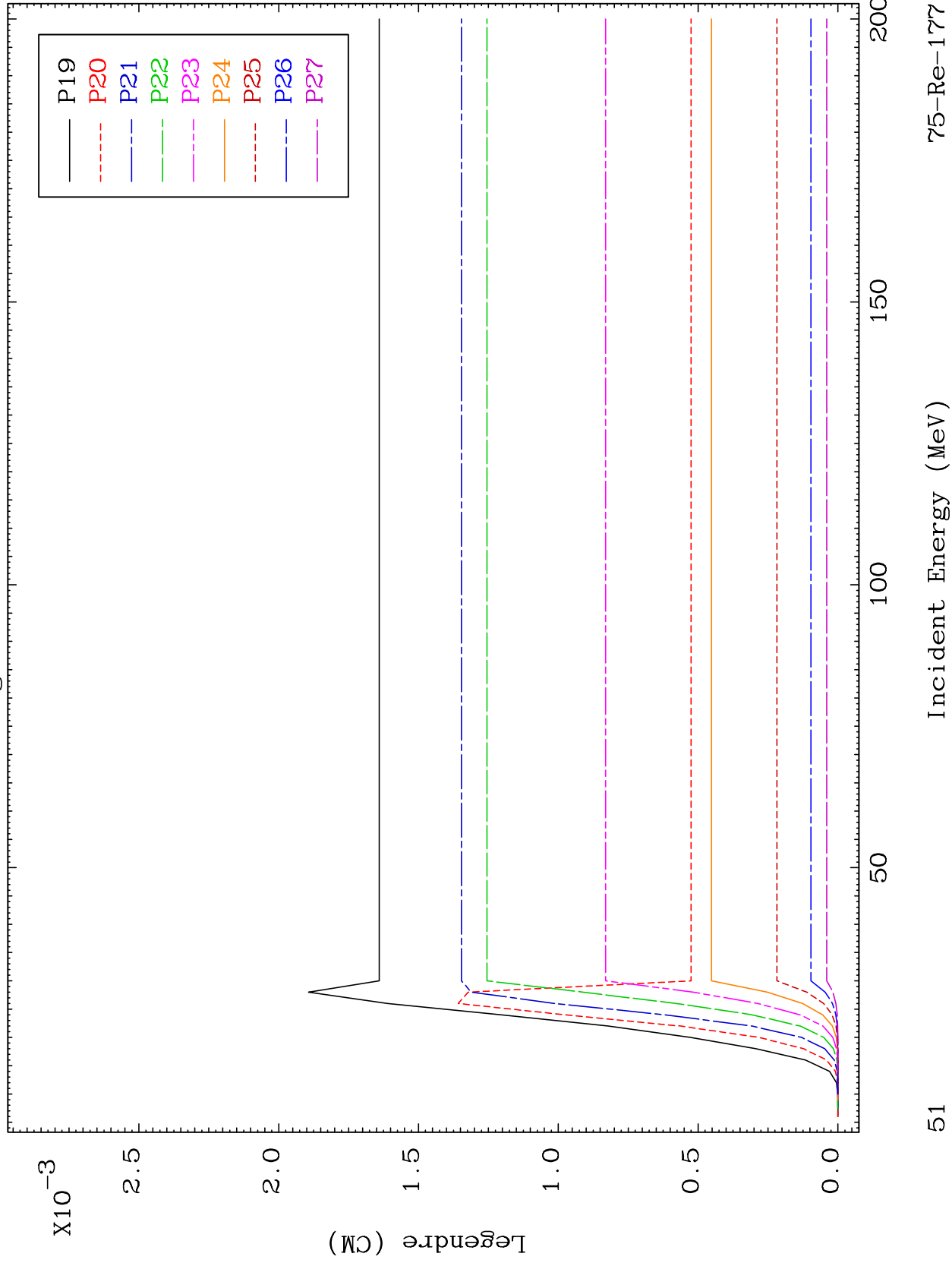




MAT 7501

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

75-Re-177



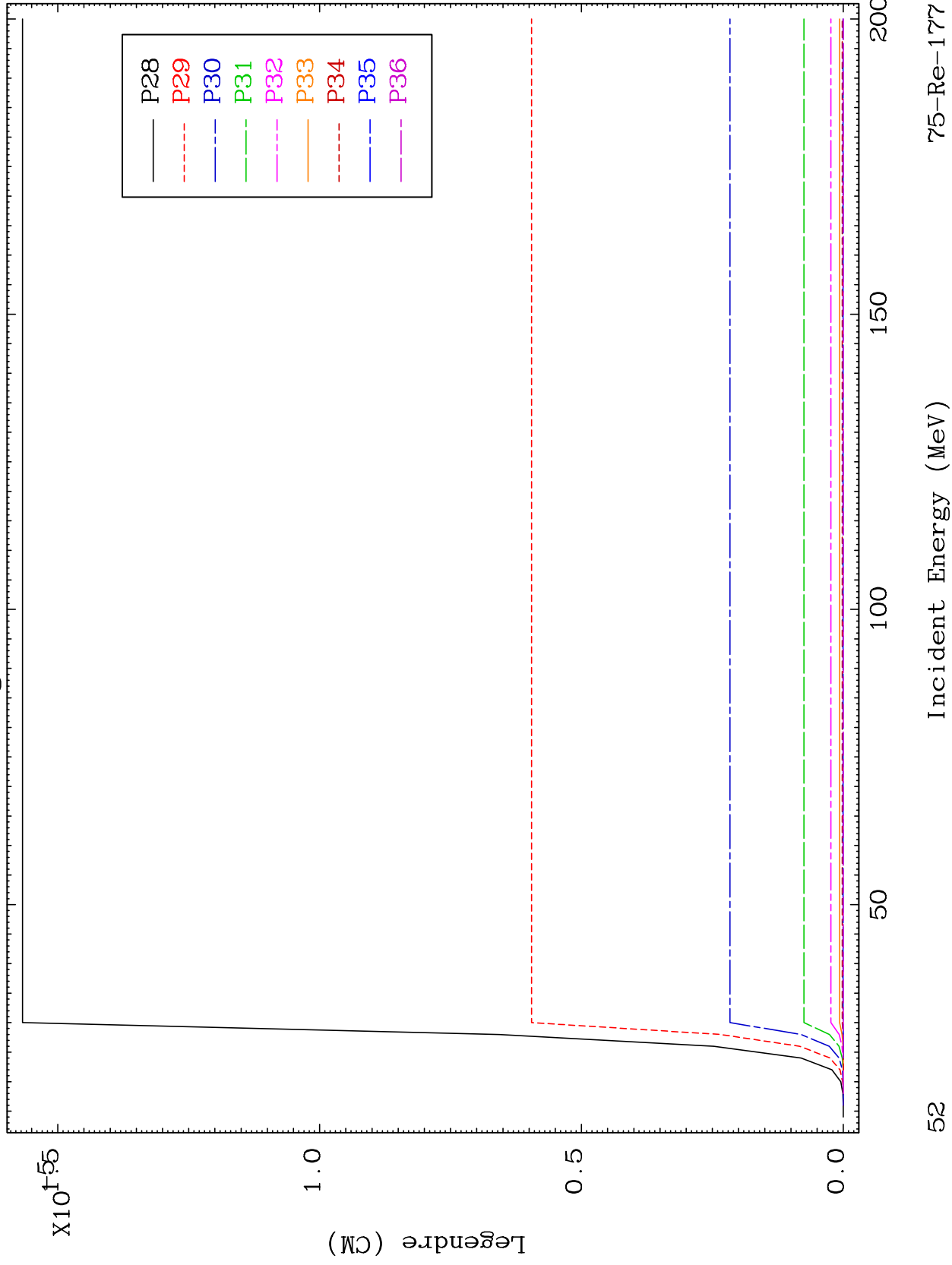
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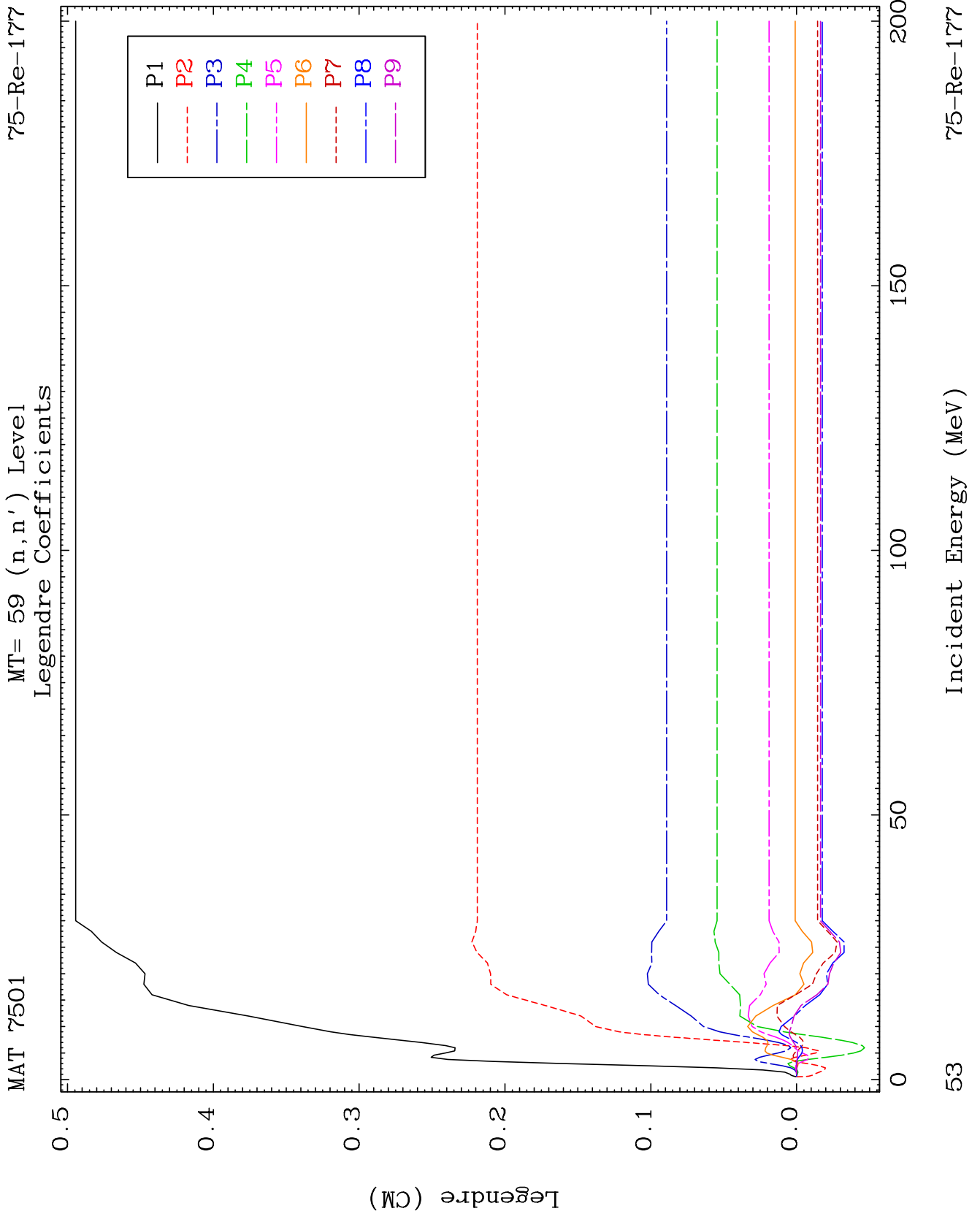
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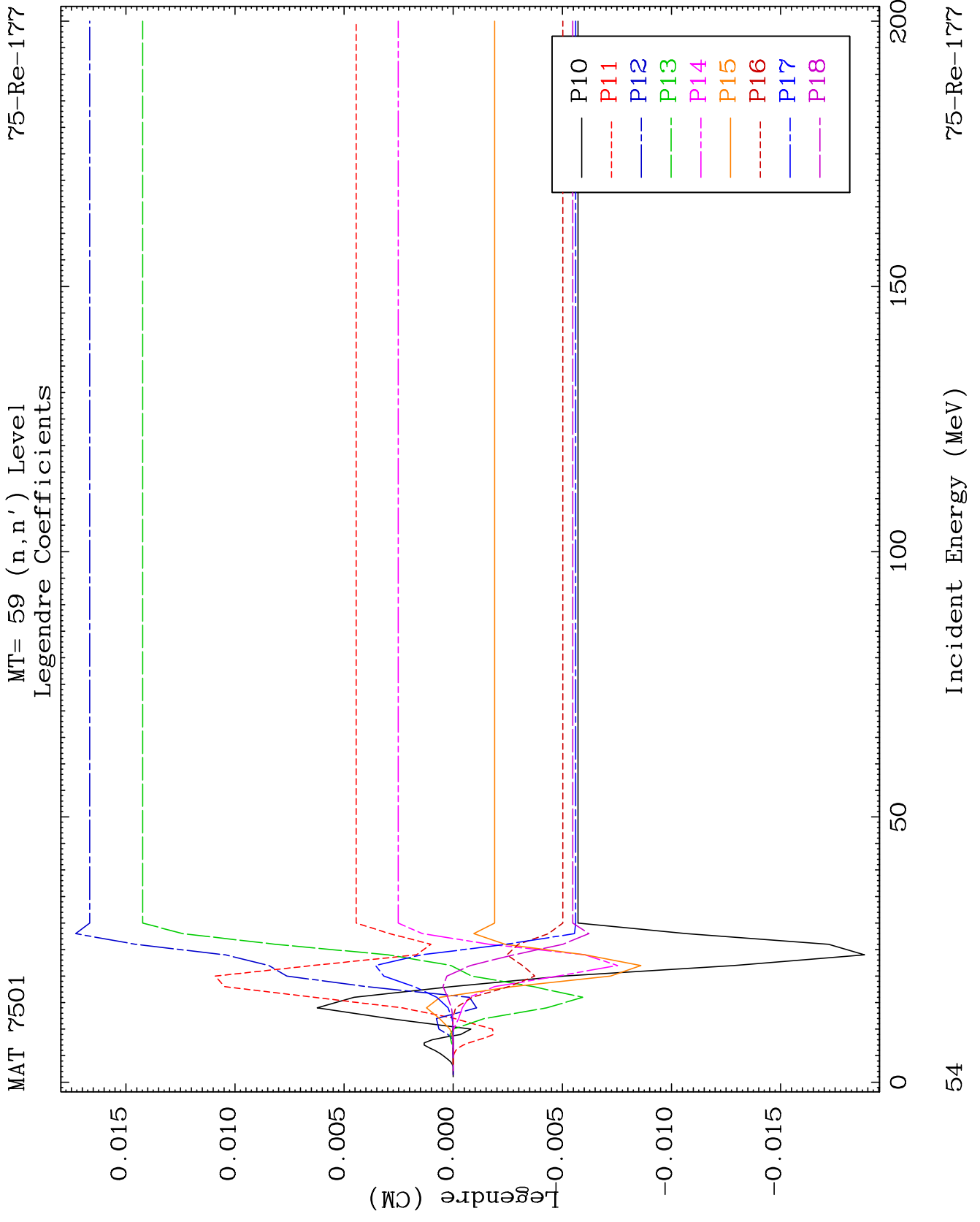
MAT 7501

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

75-Re-177



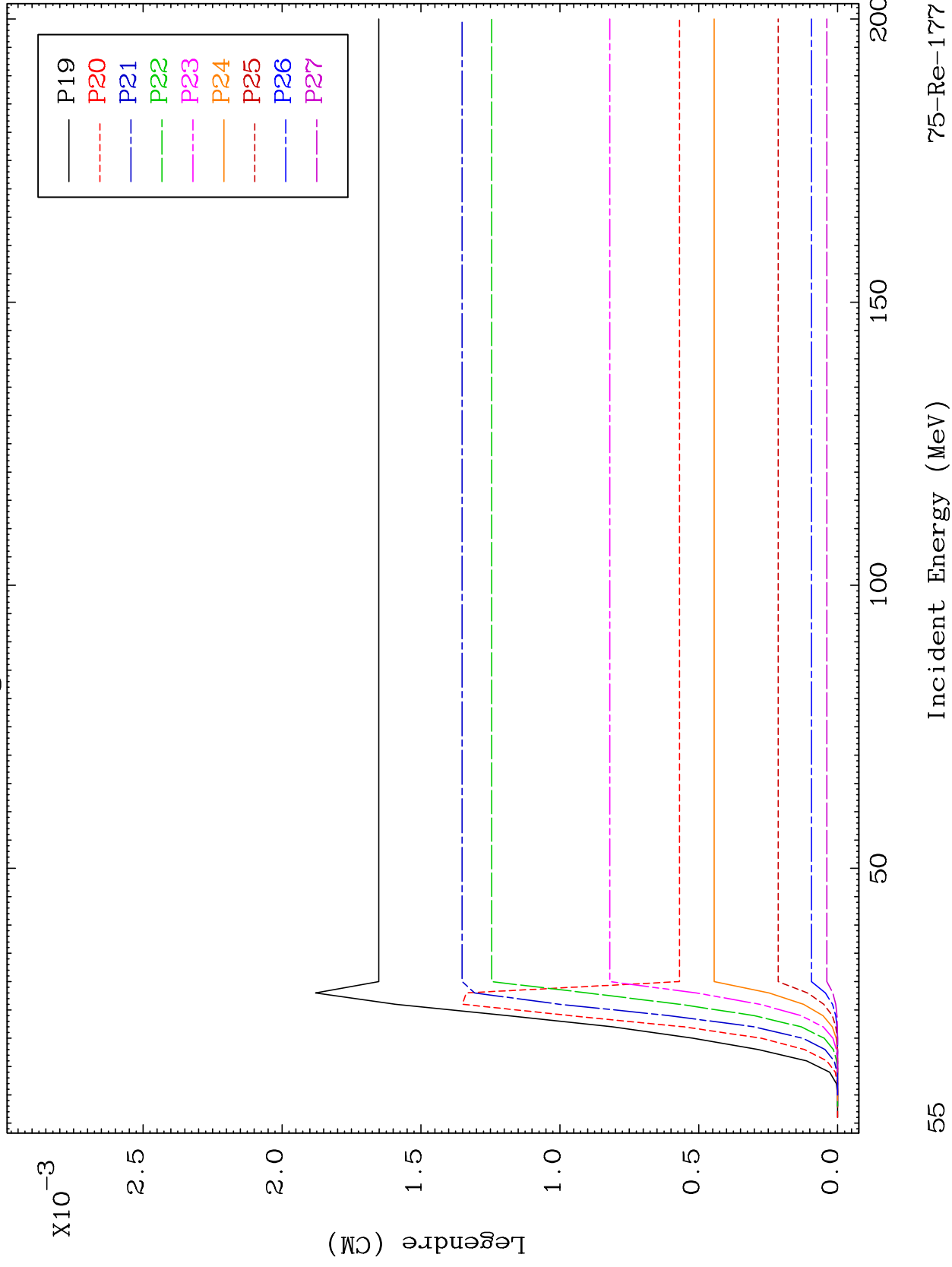




MAT 7501

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

75-Re-177



55

Incident Energy (MeV)

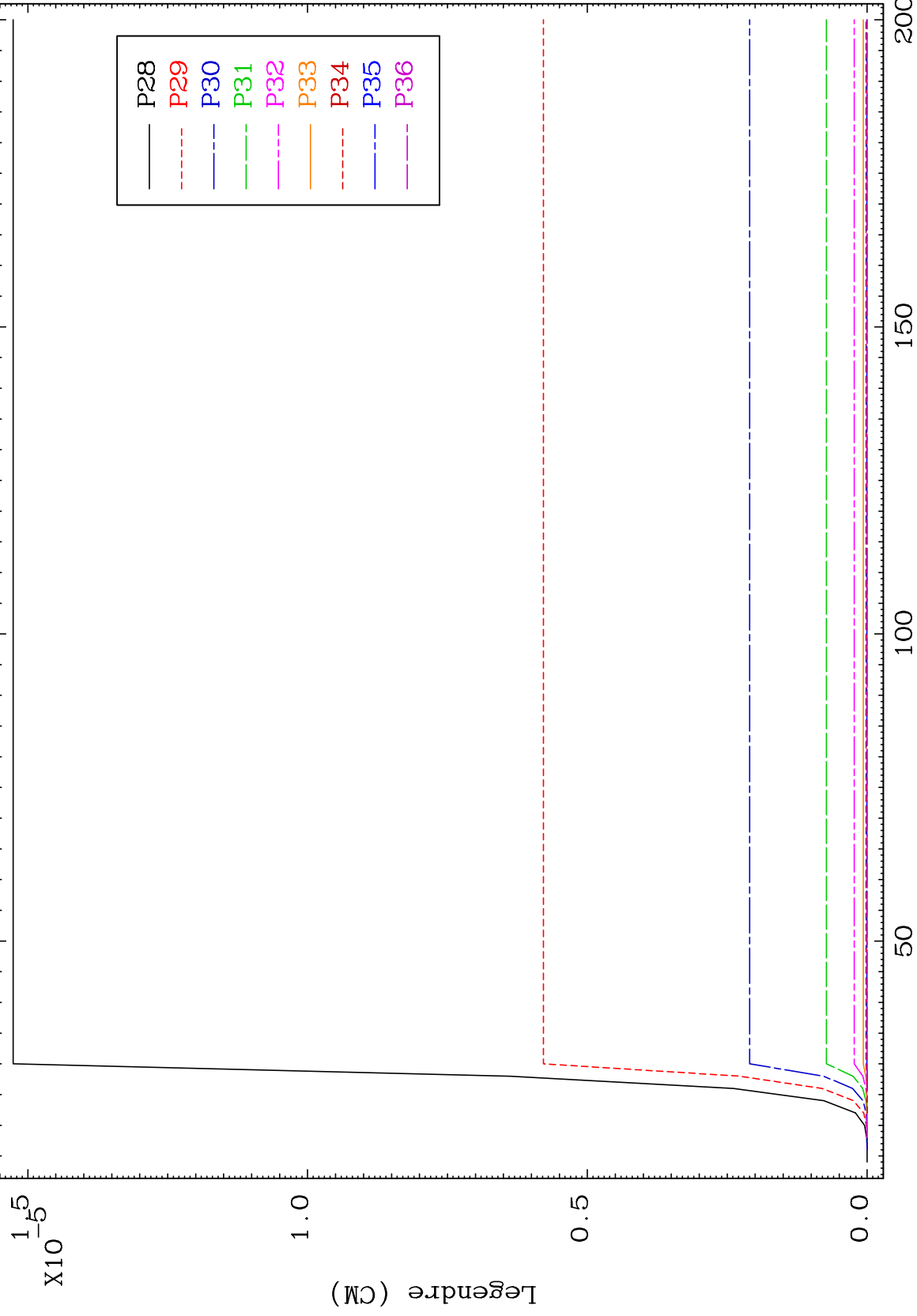
75-Re-177



MAT 7501

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

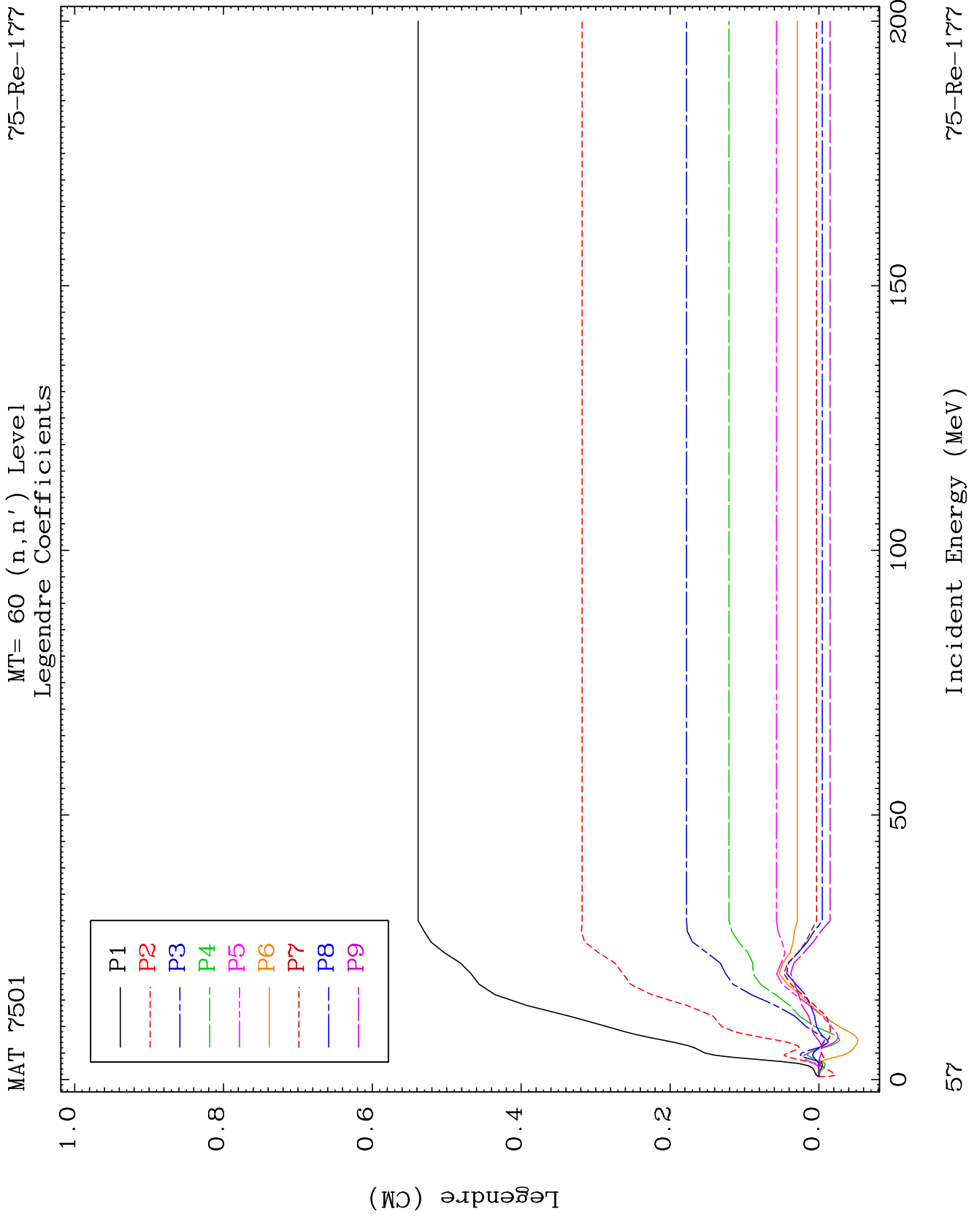
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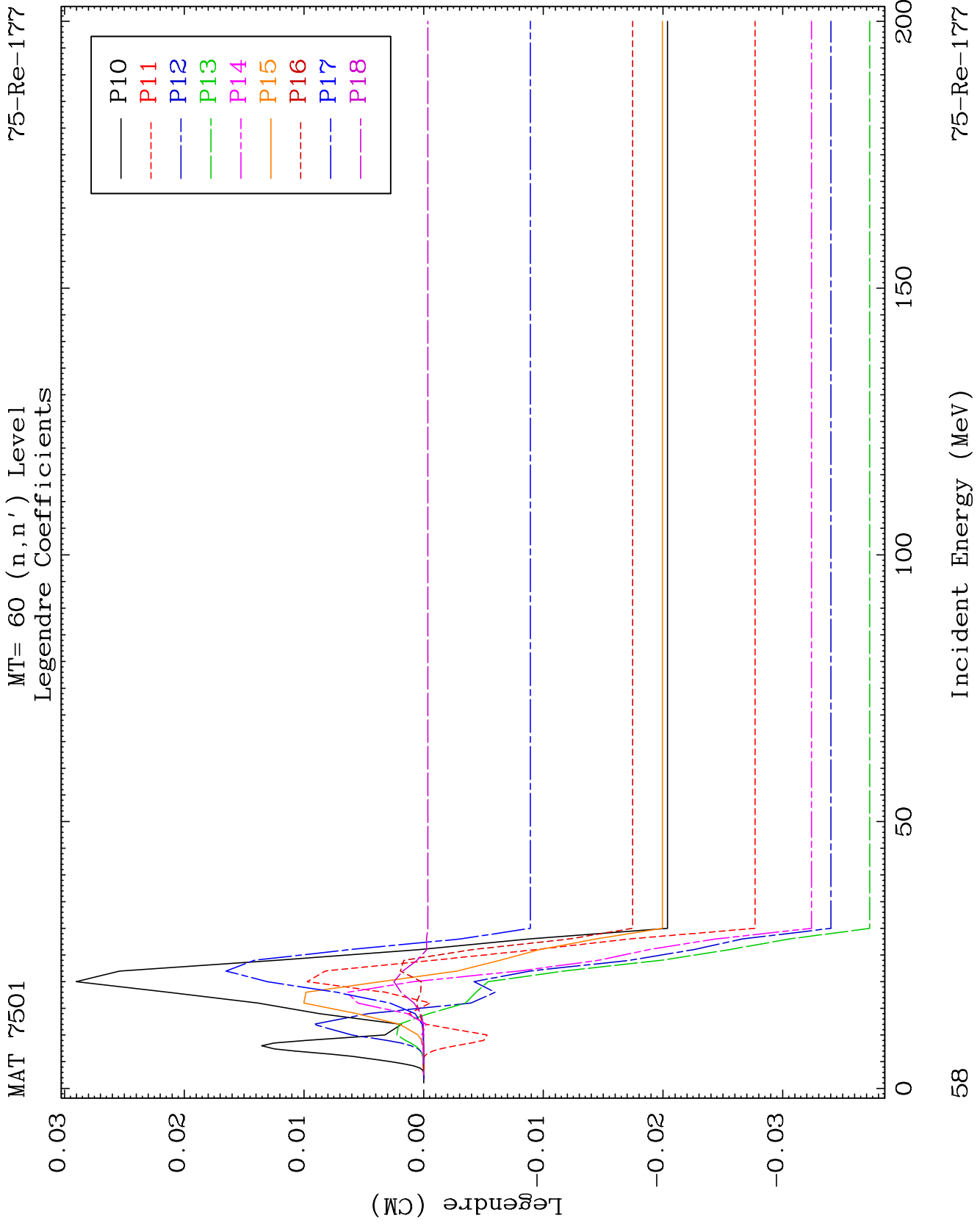


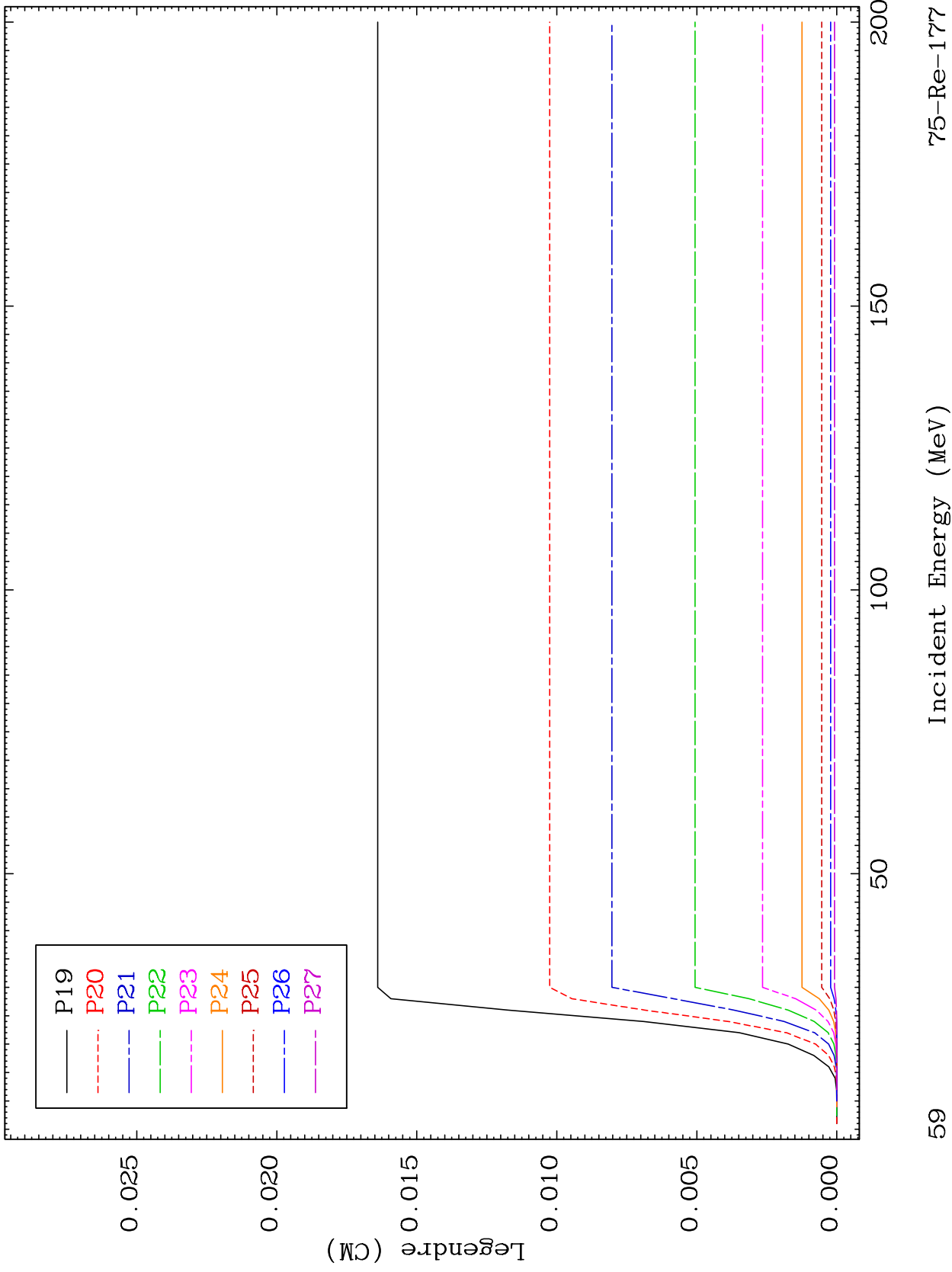
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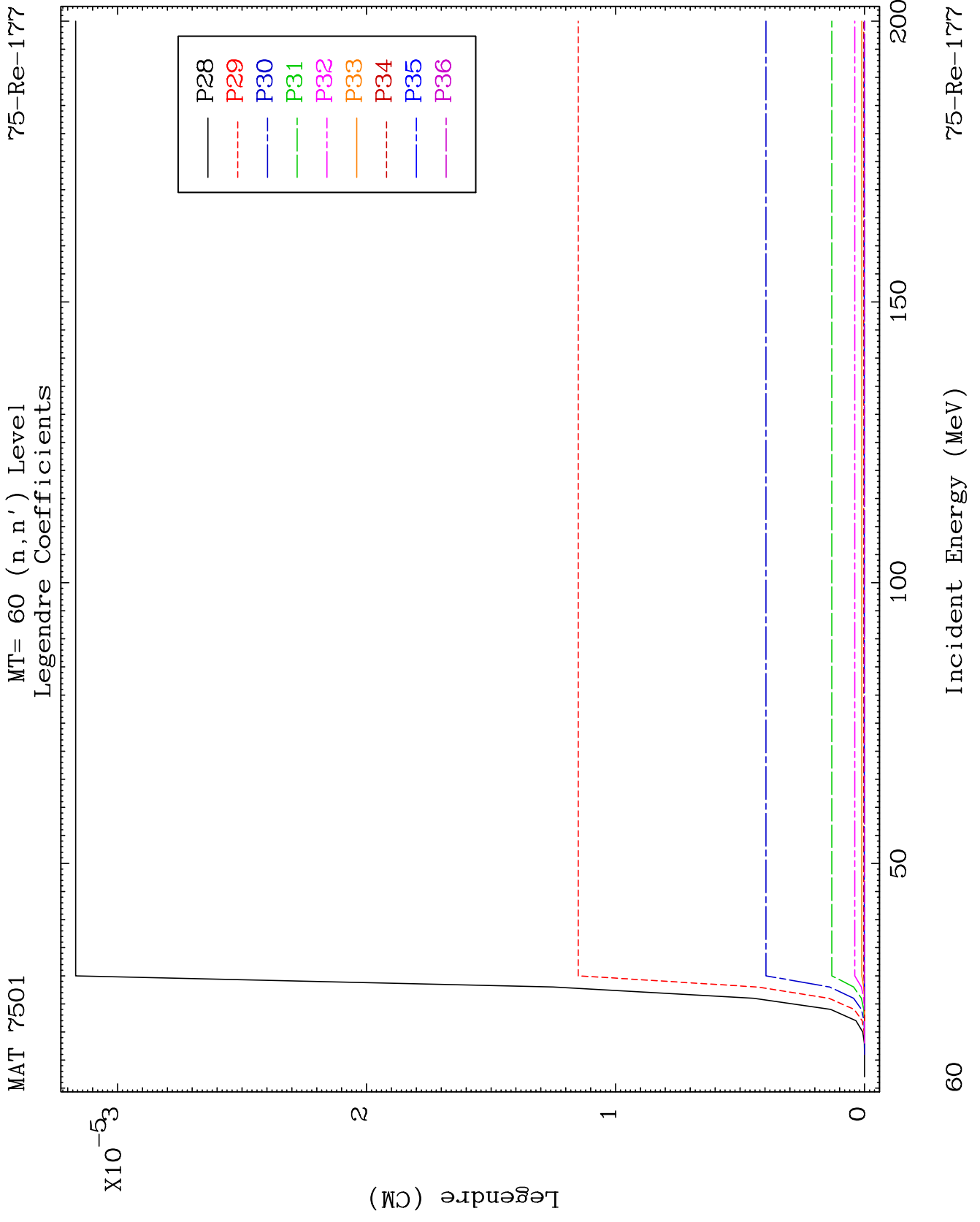
Incident Energy (MeV)

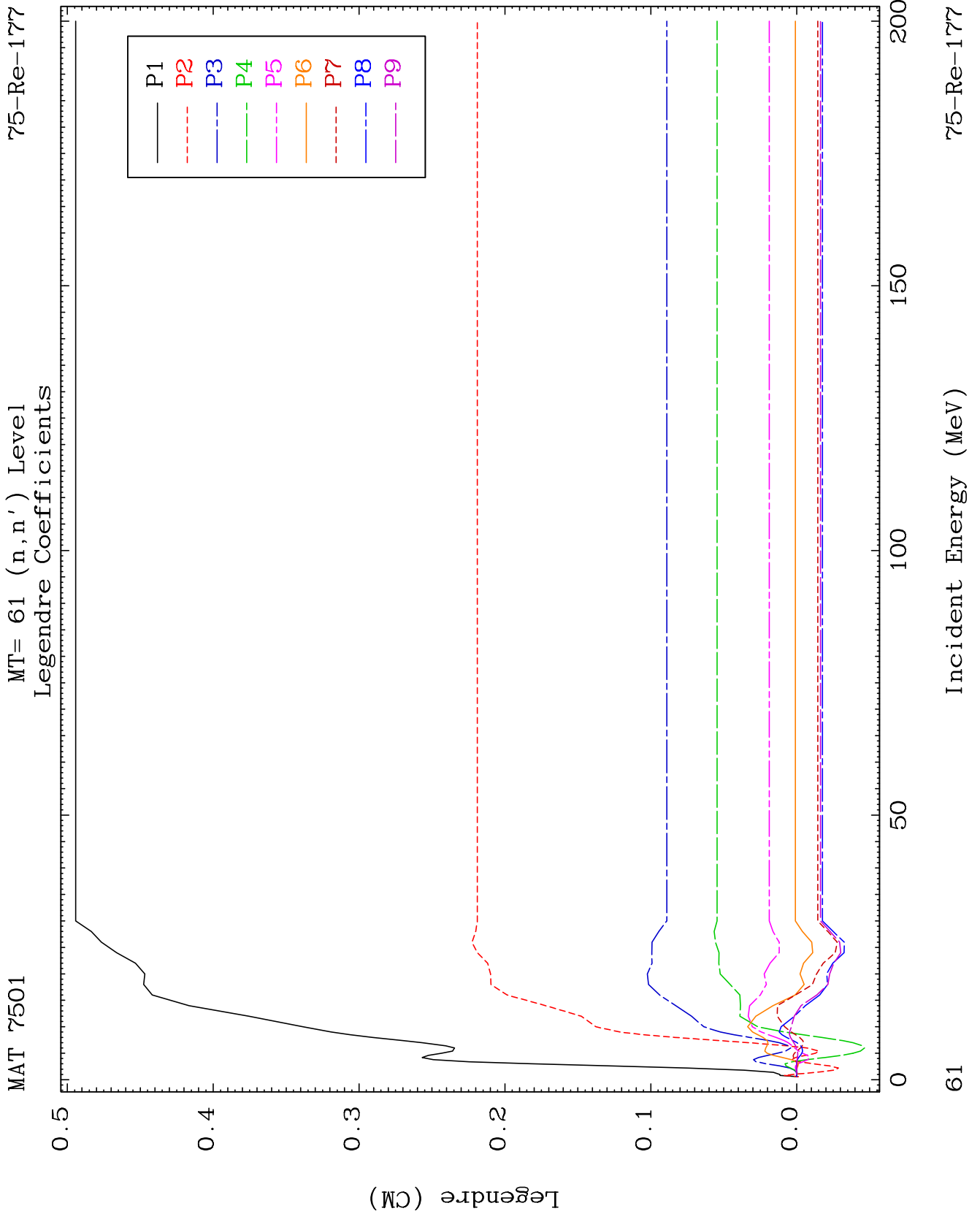
75-Re-177

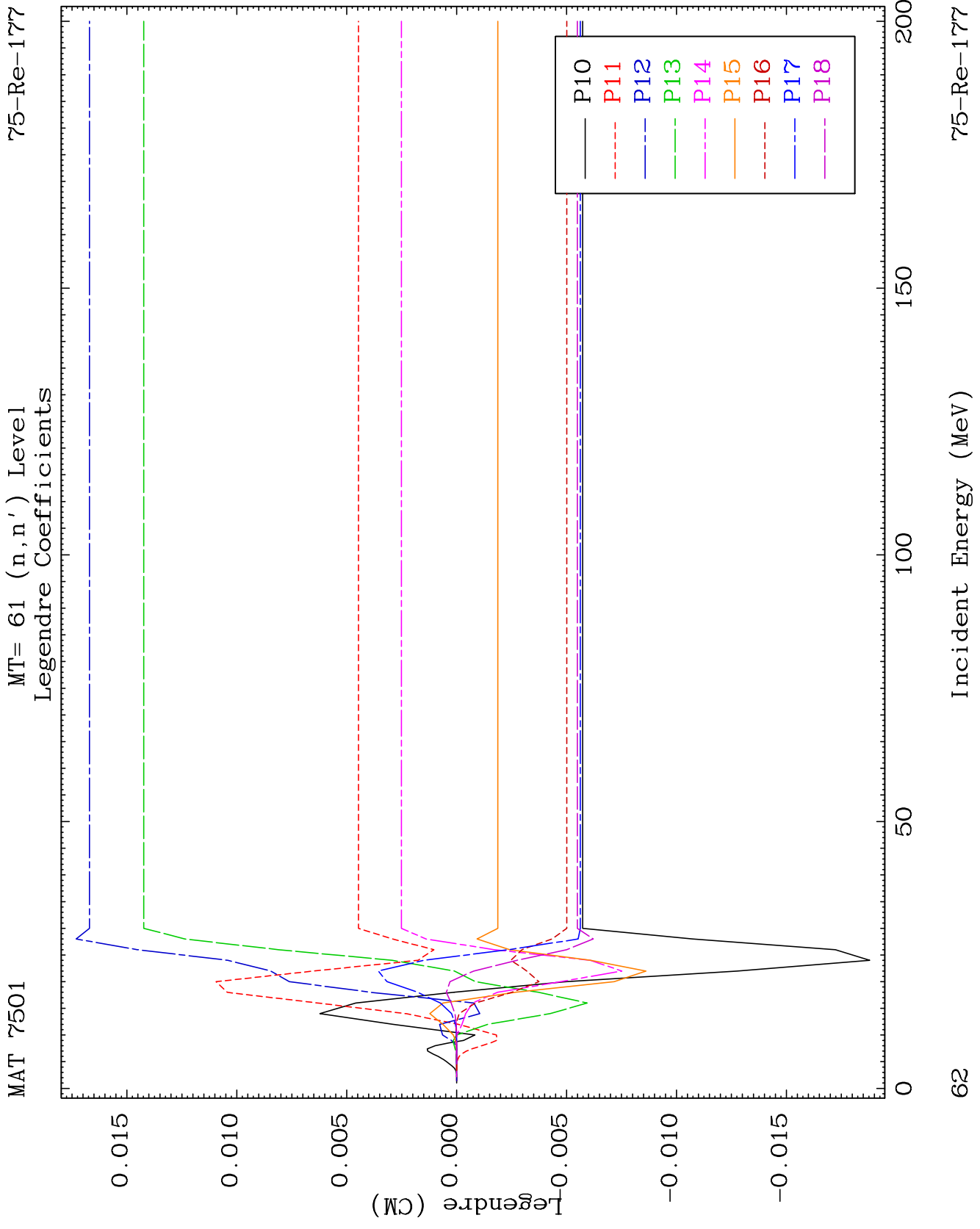


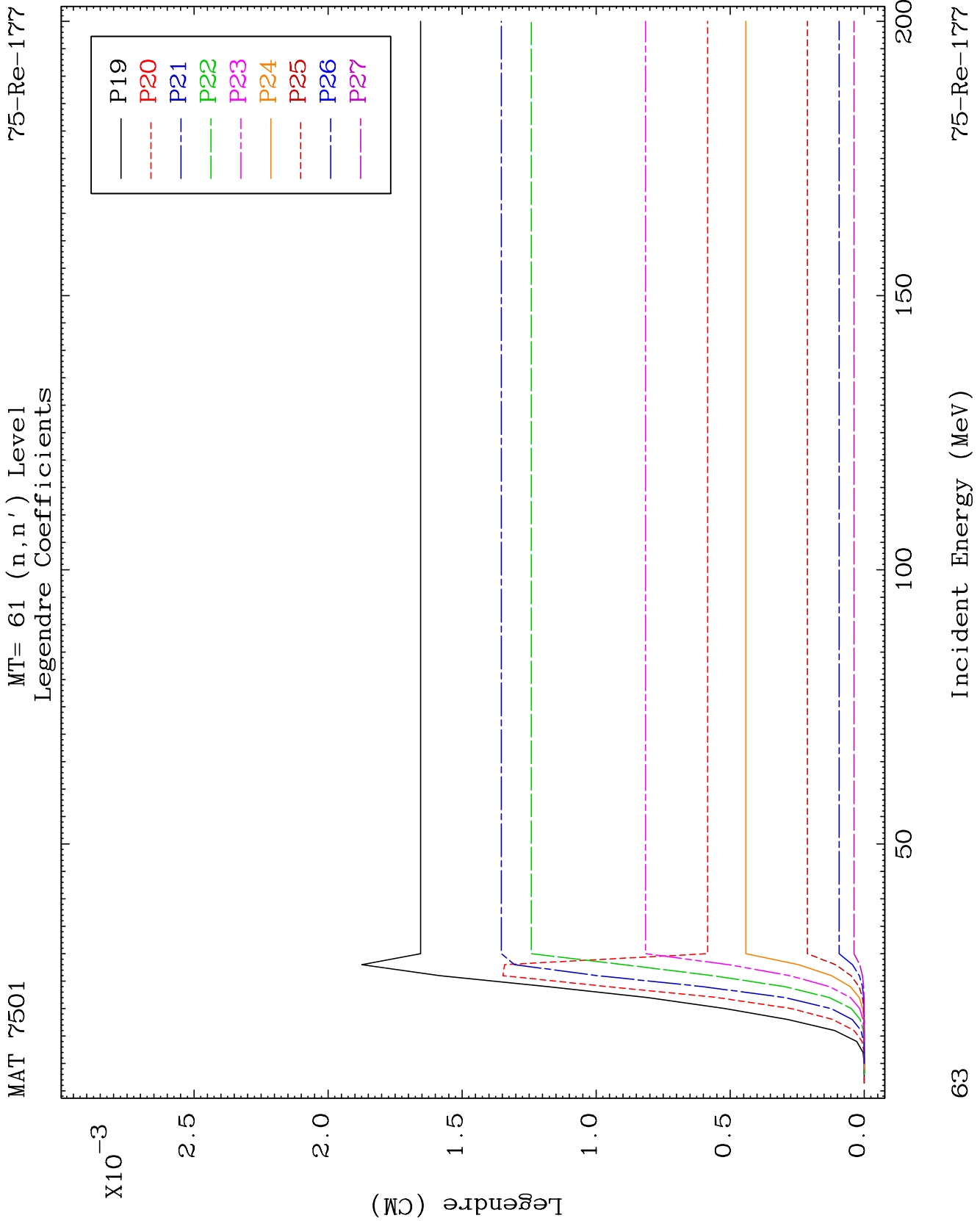




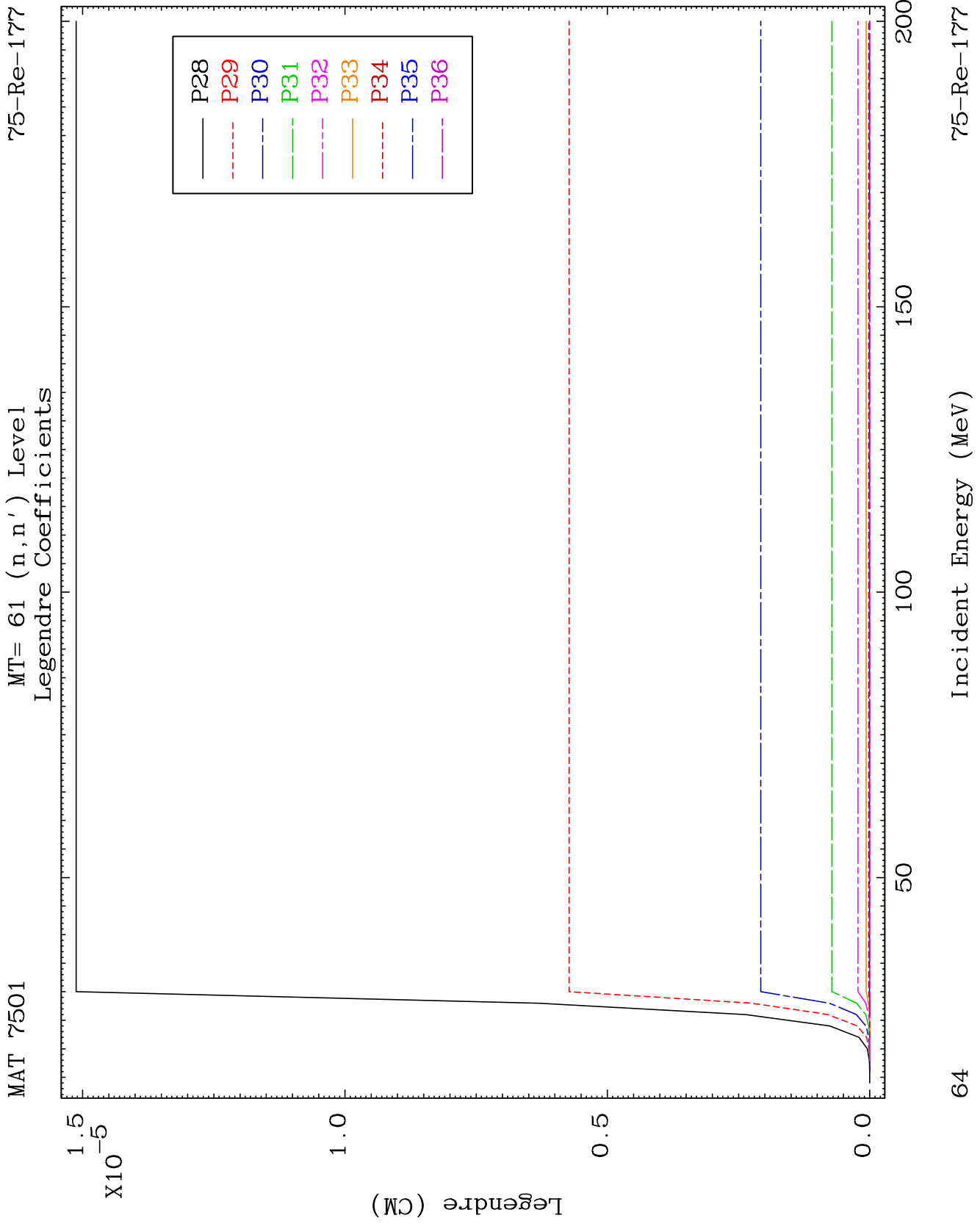


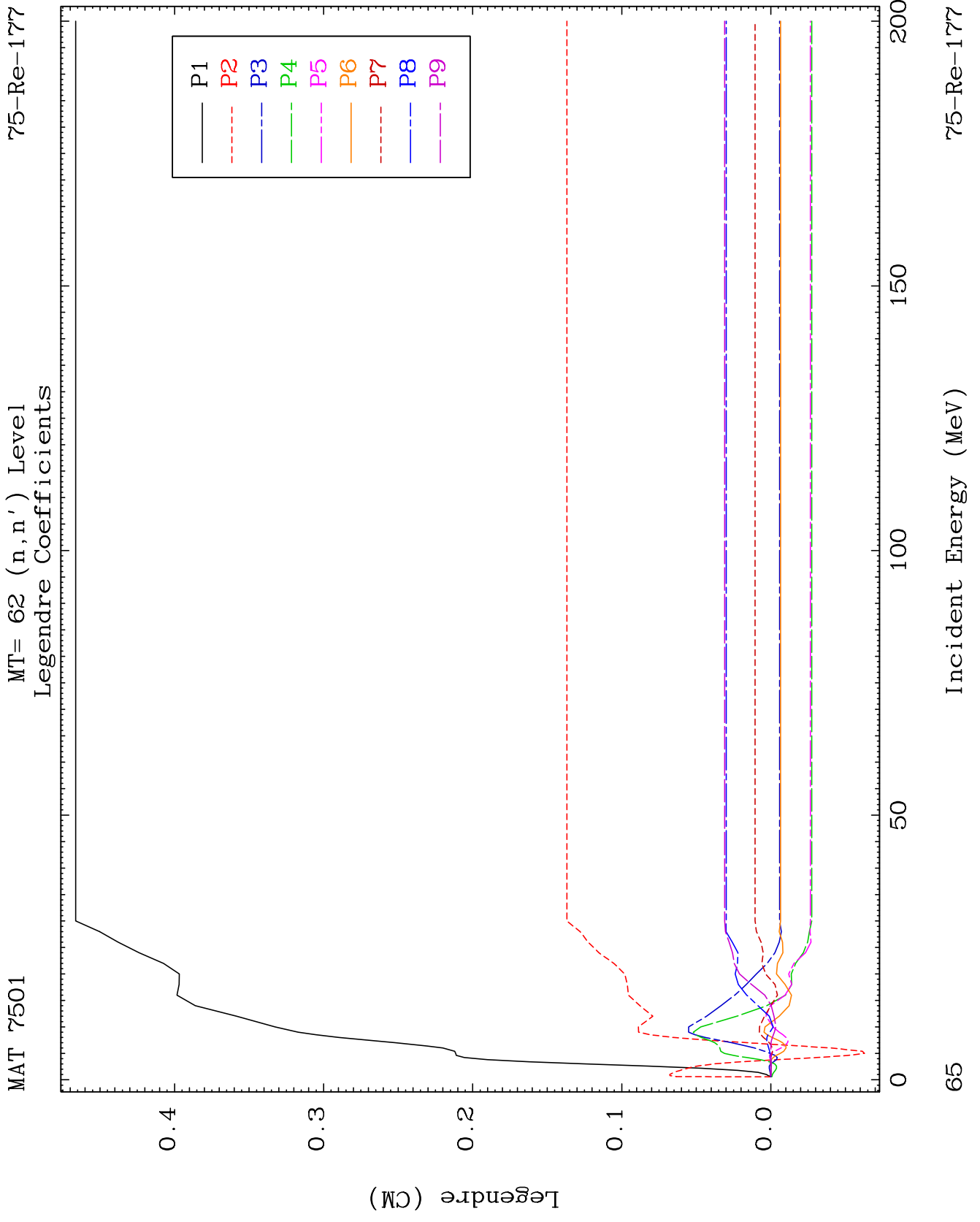


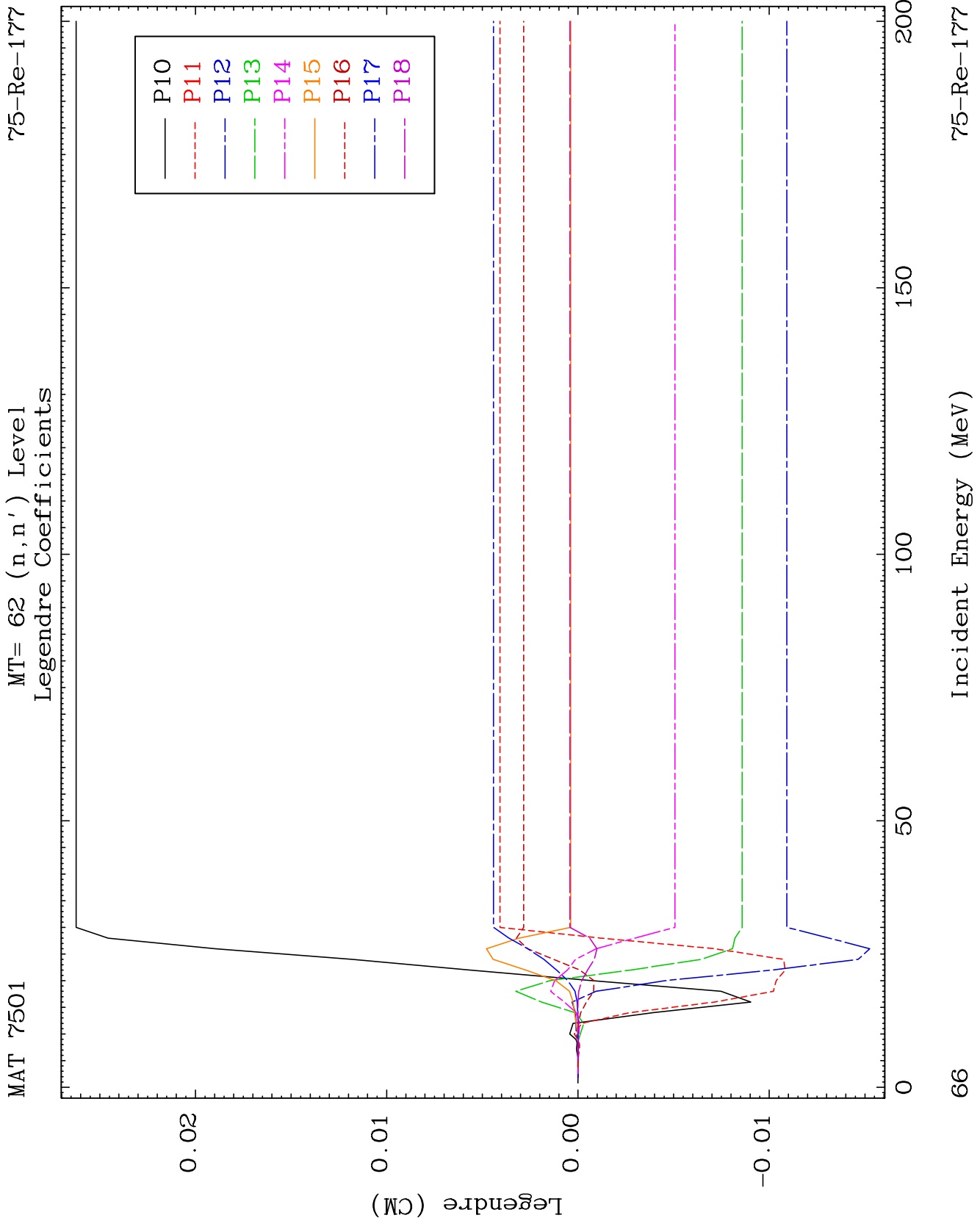








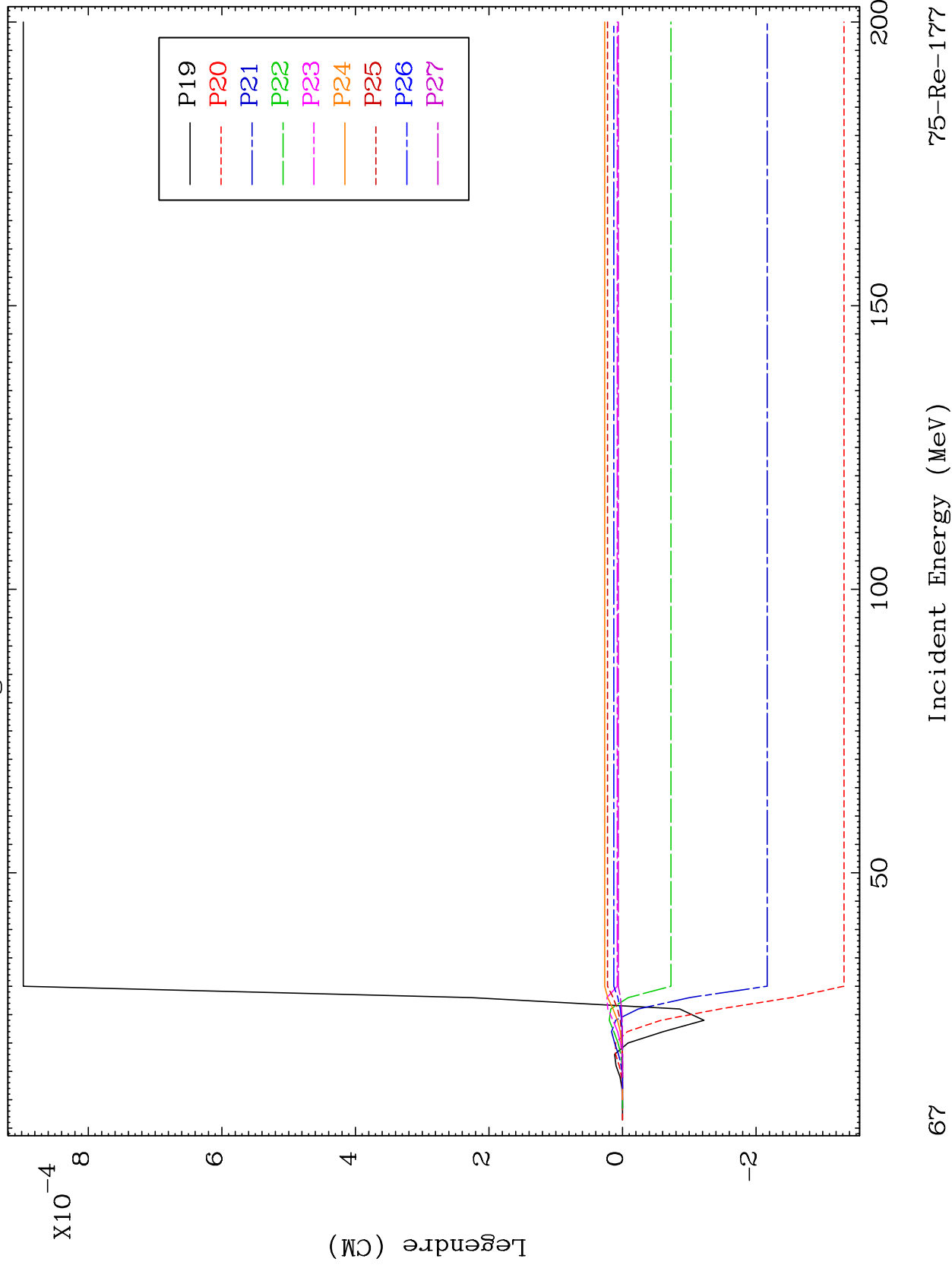




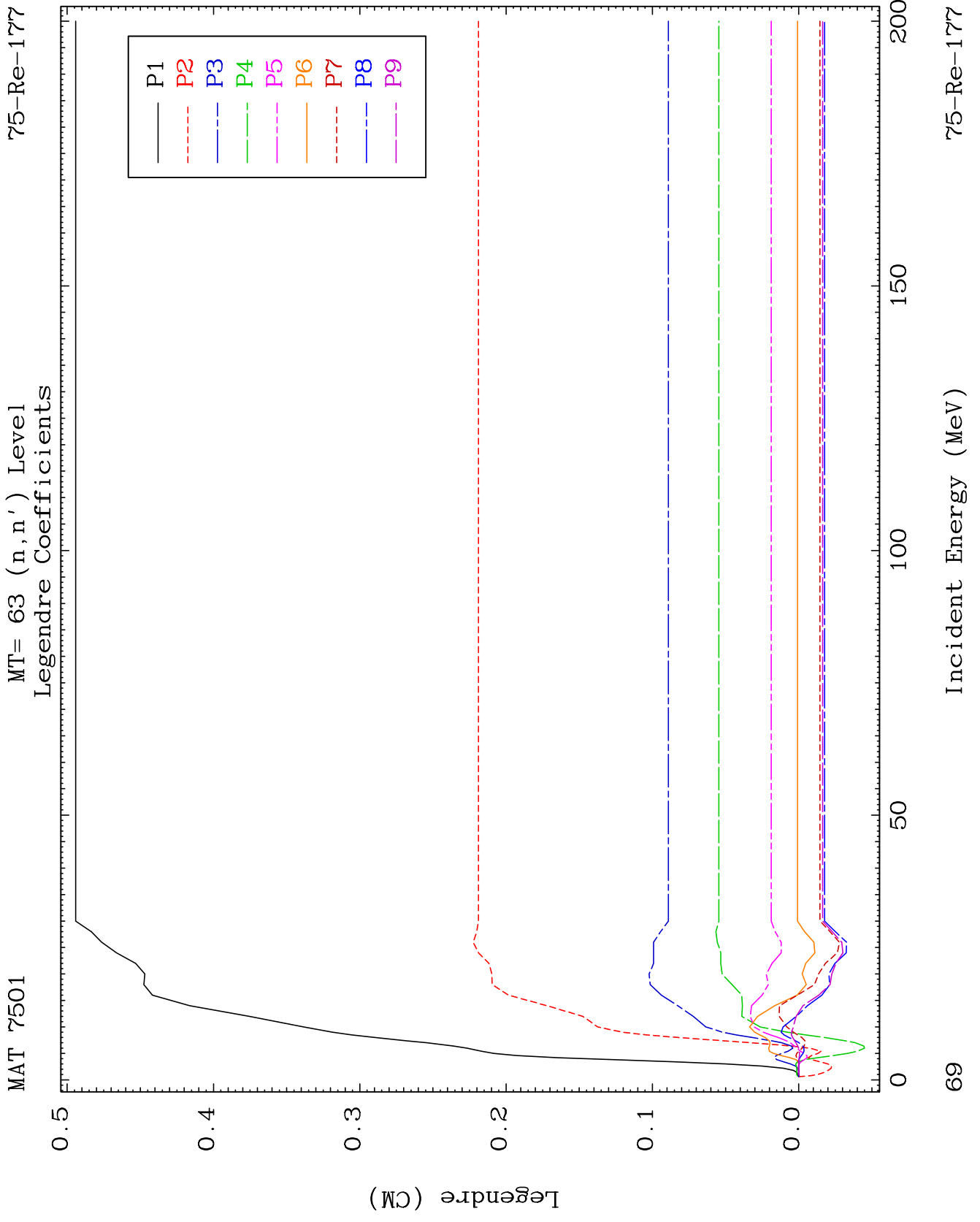
MAT 7501

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

75-Re-177



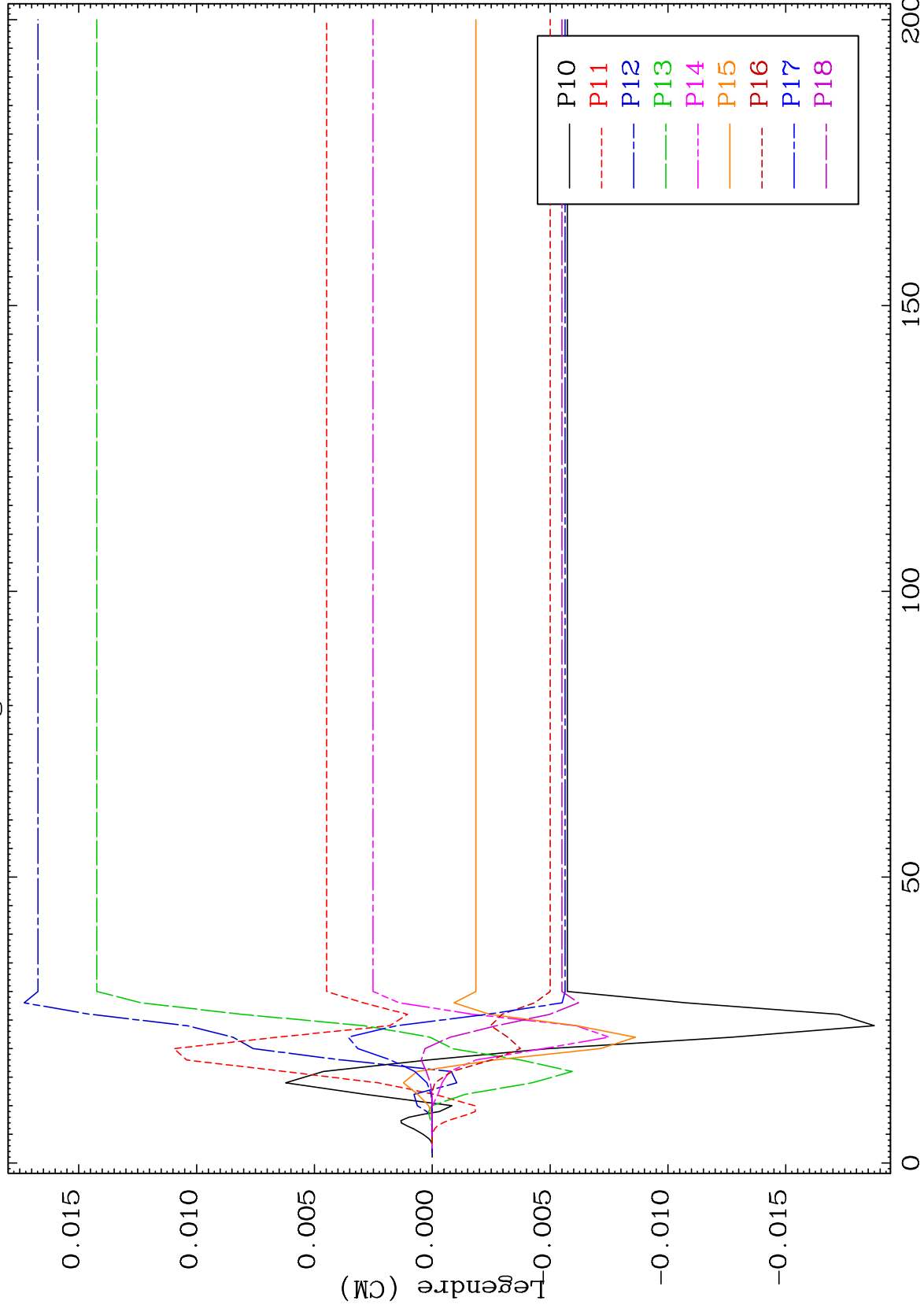




MAT 7501

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

75-Re-177



70

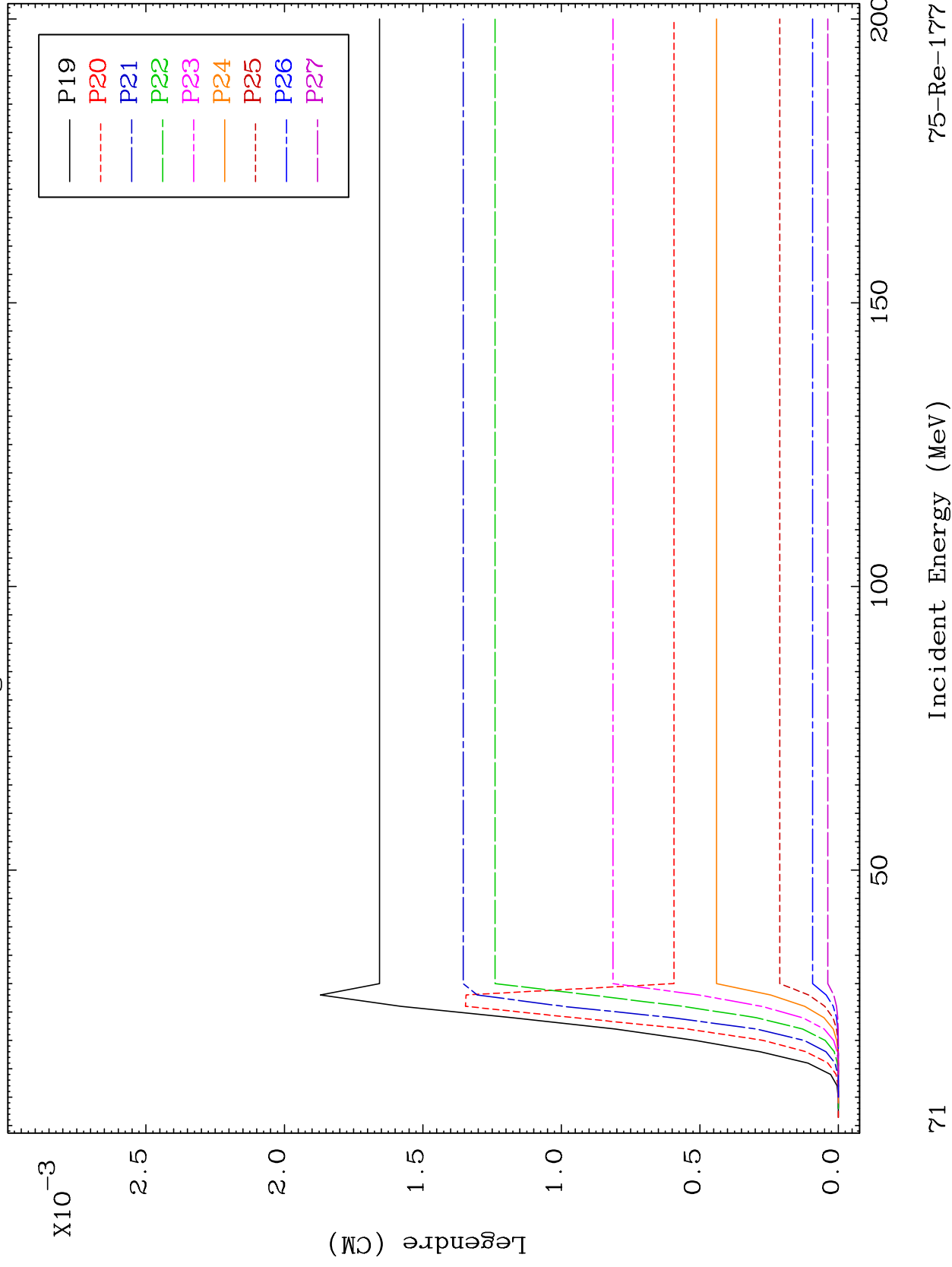
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177

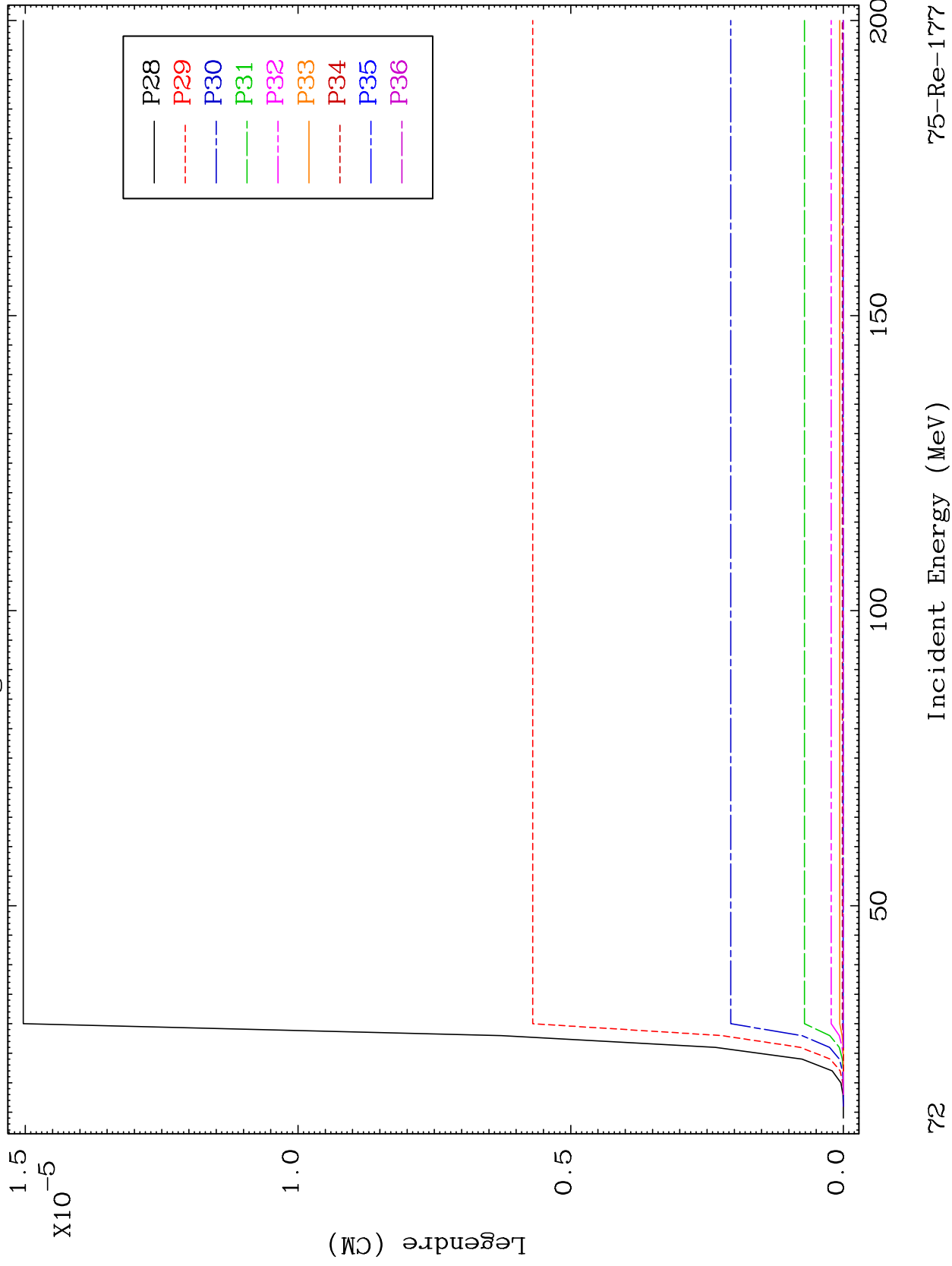




MAT 7501

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

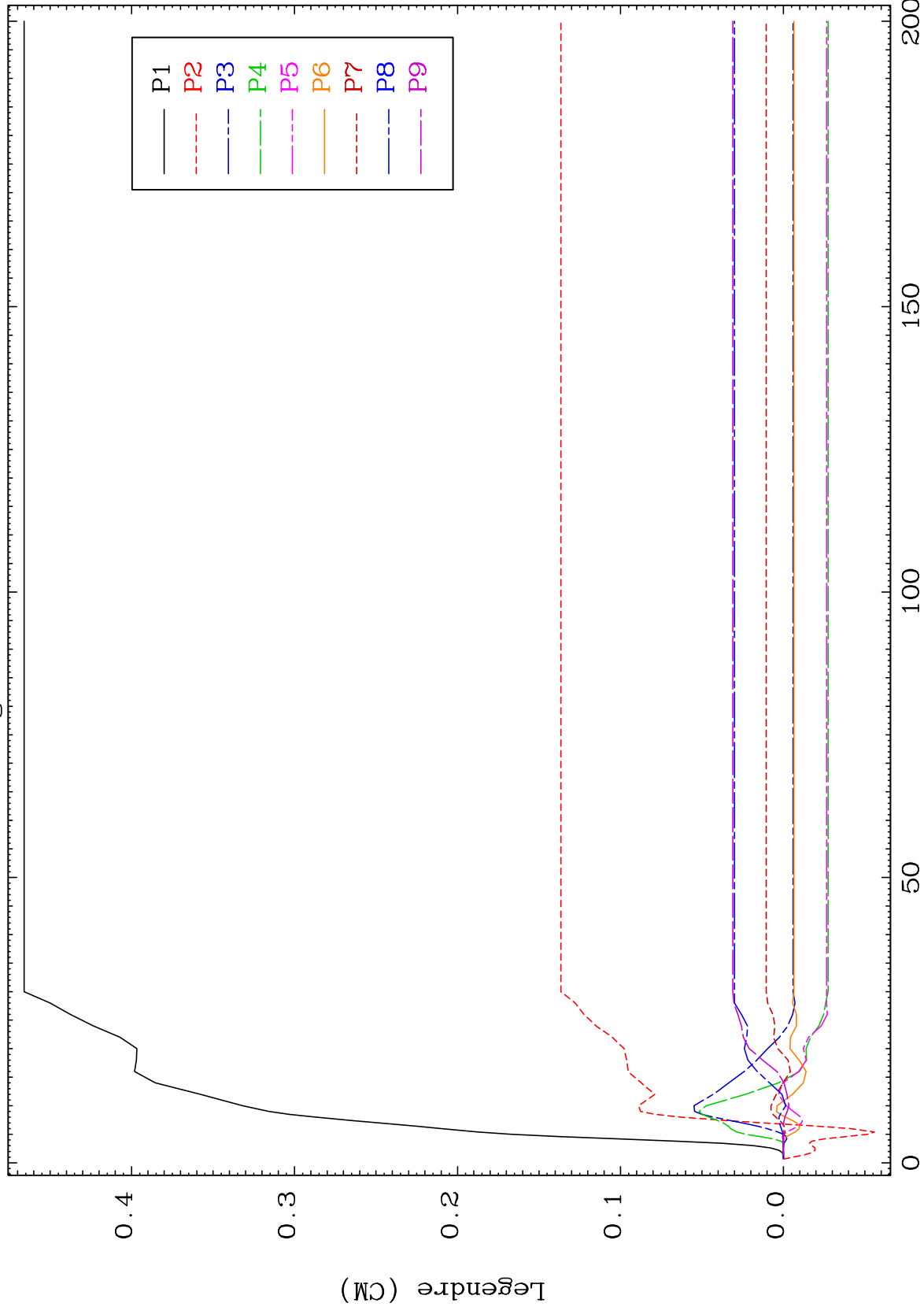
75-Re-177



MAT 7501

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

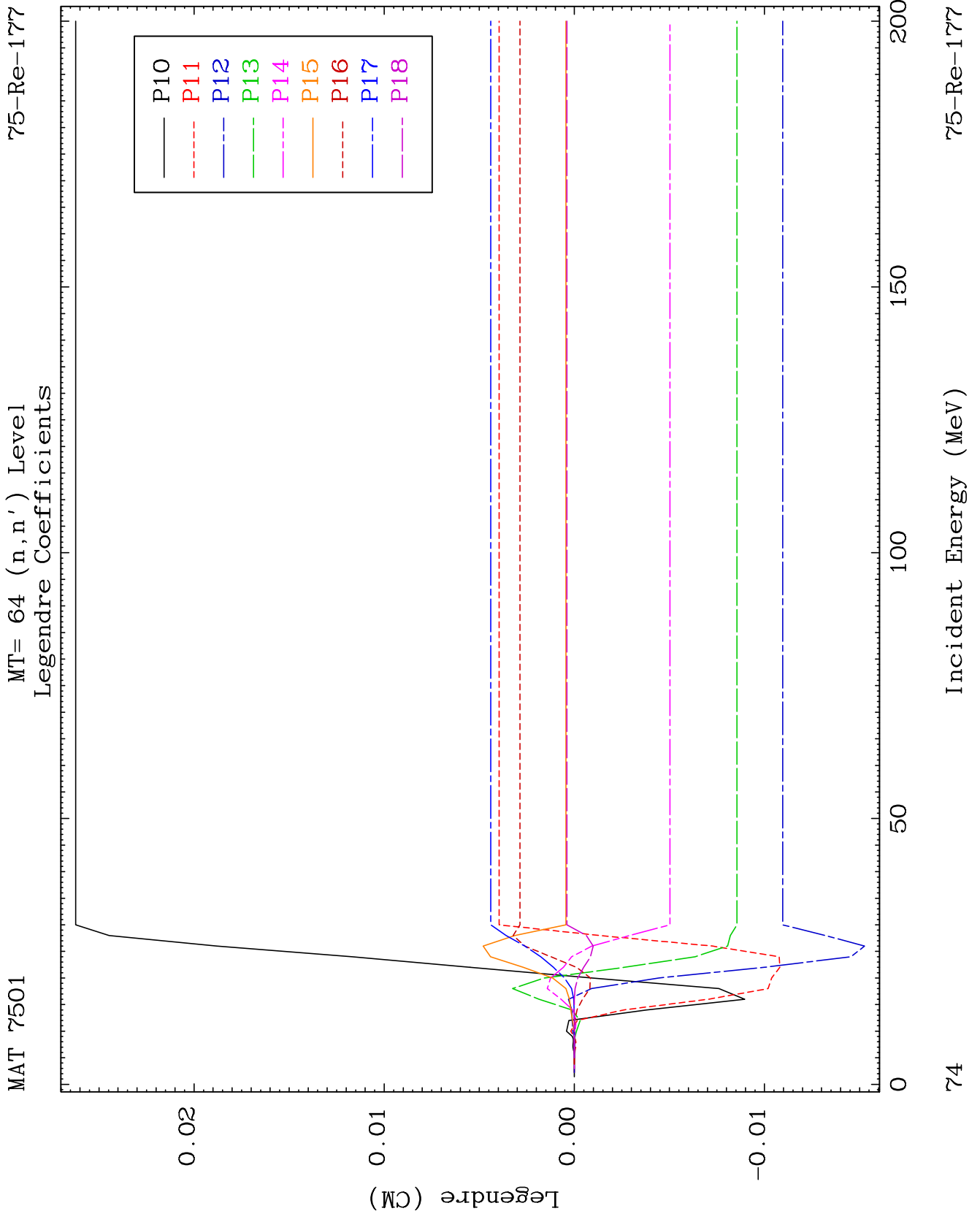
75-Re-177



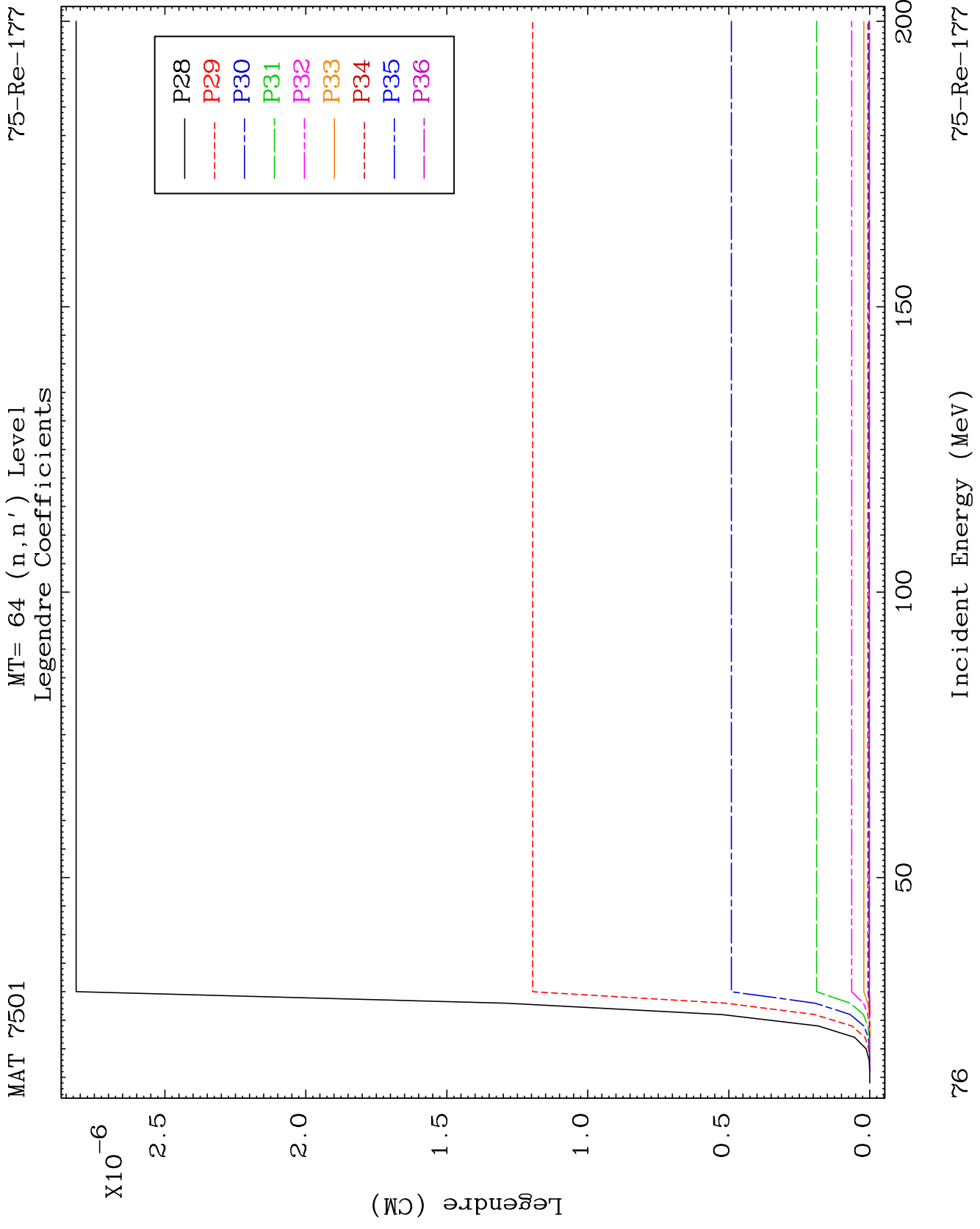
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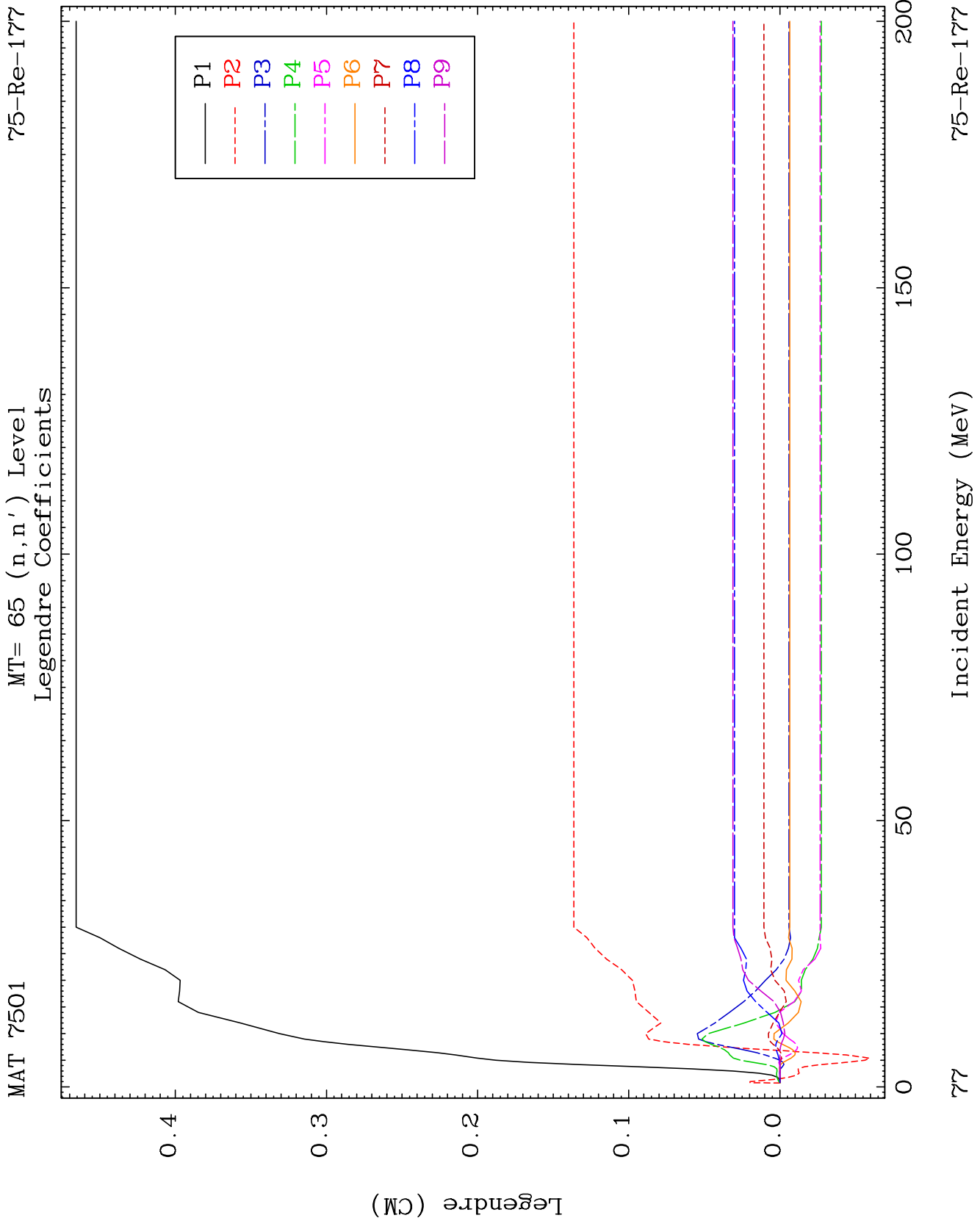
Incident Energy (MeV)

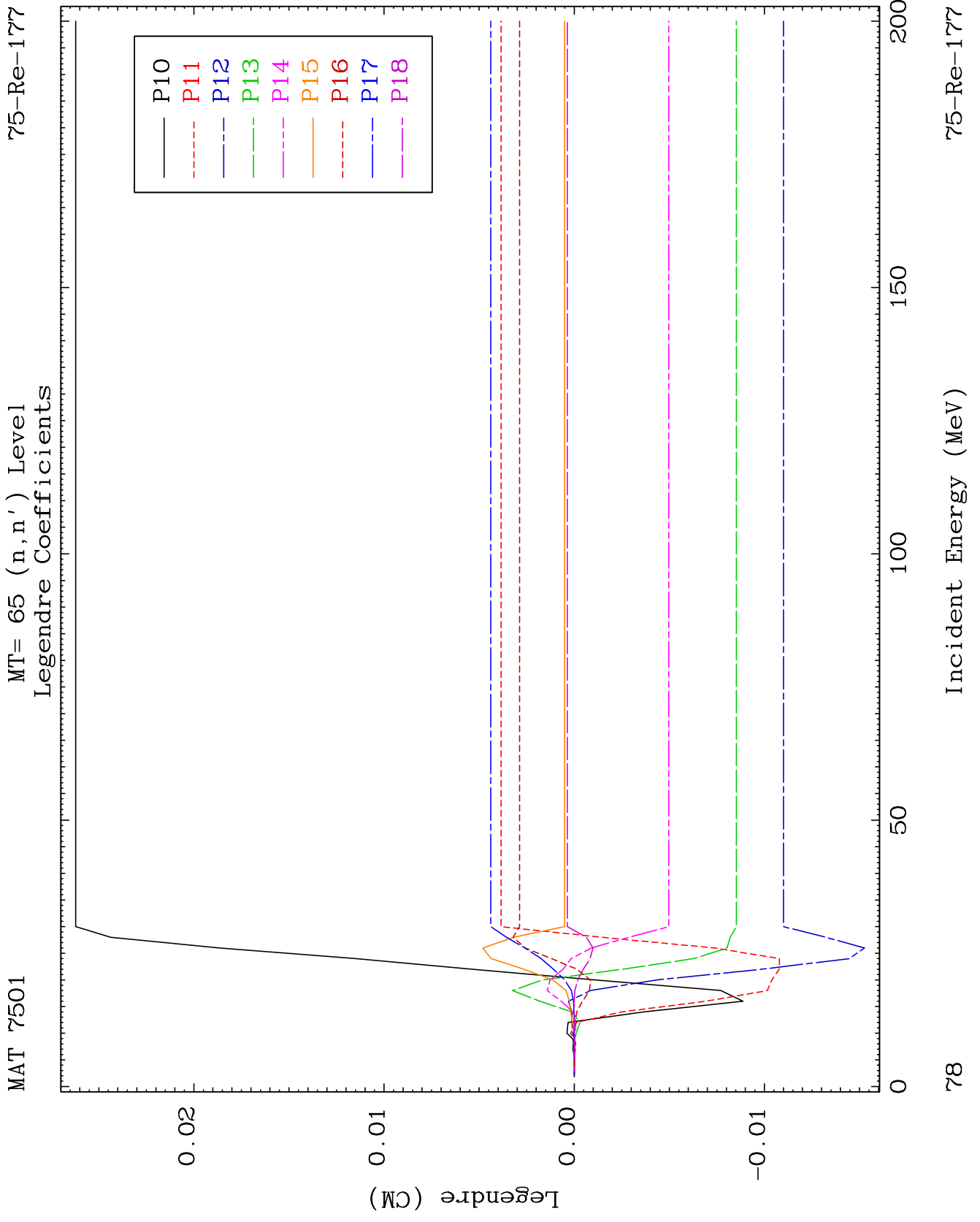
75-Re-177







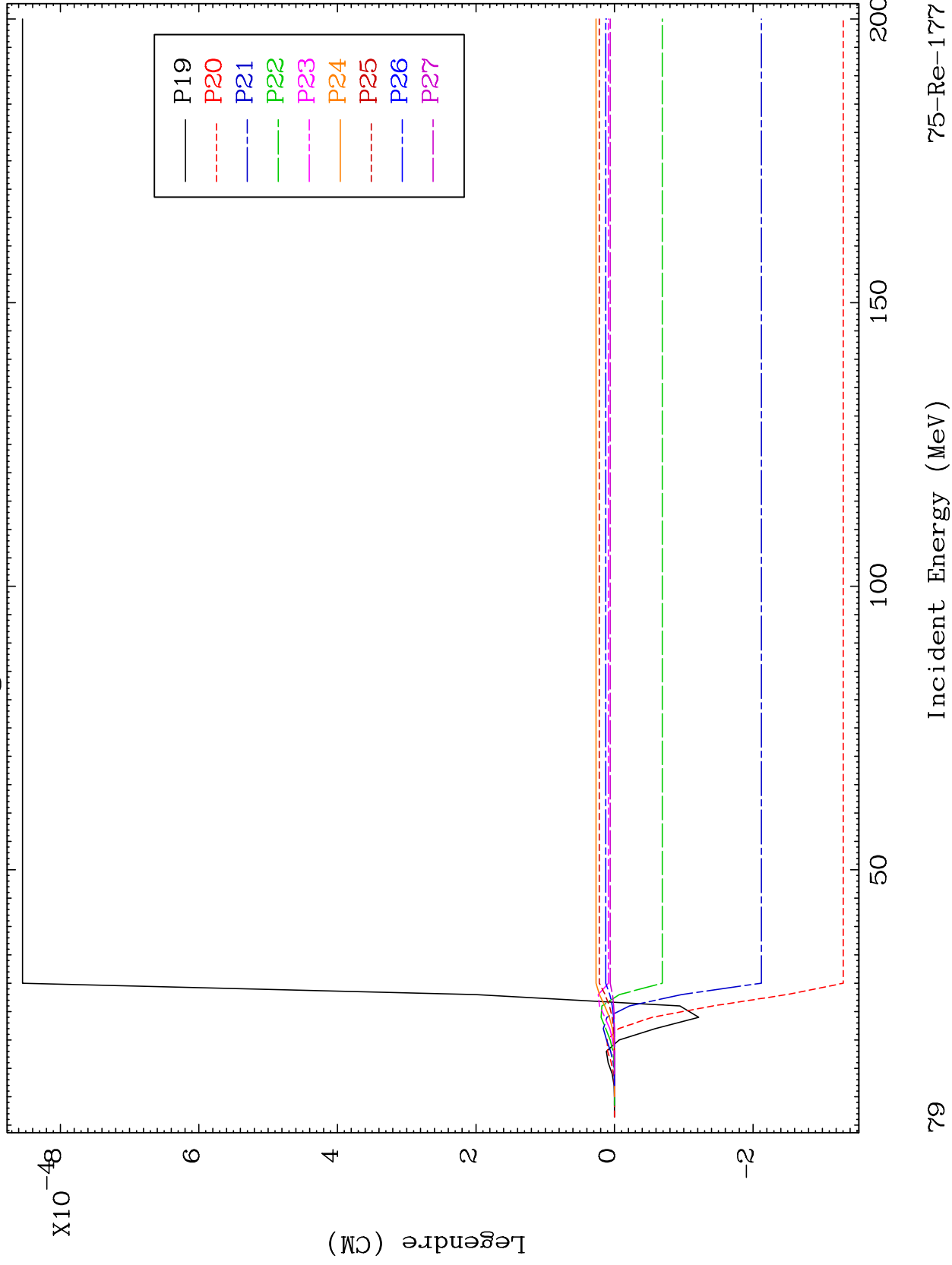




MAT 7501

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

75-Re-177

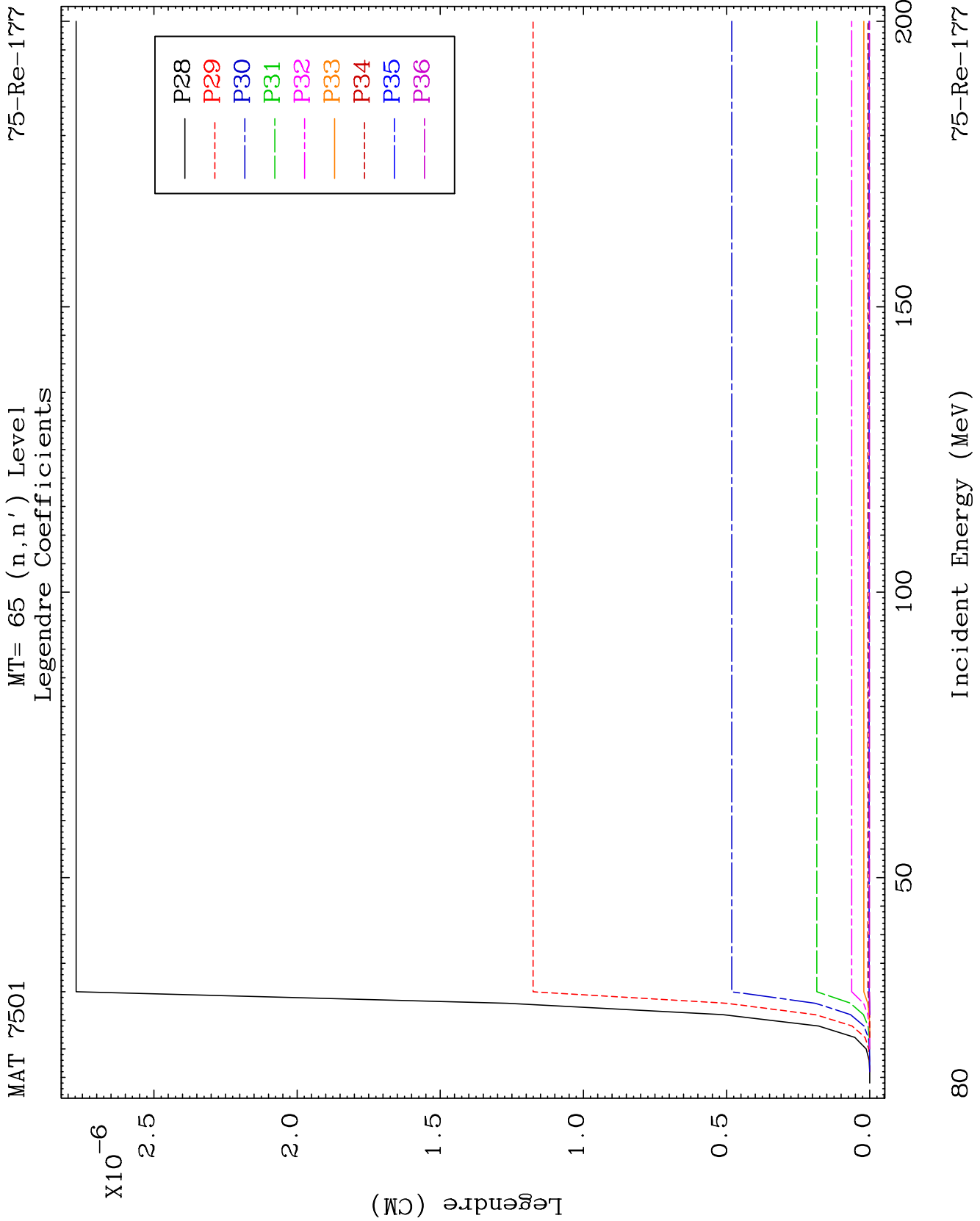


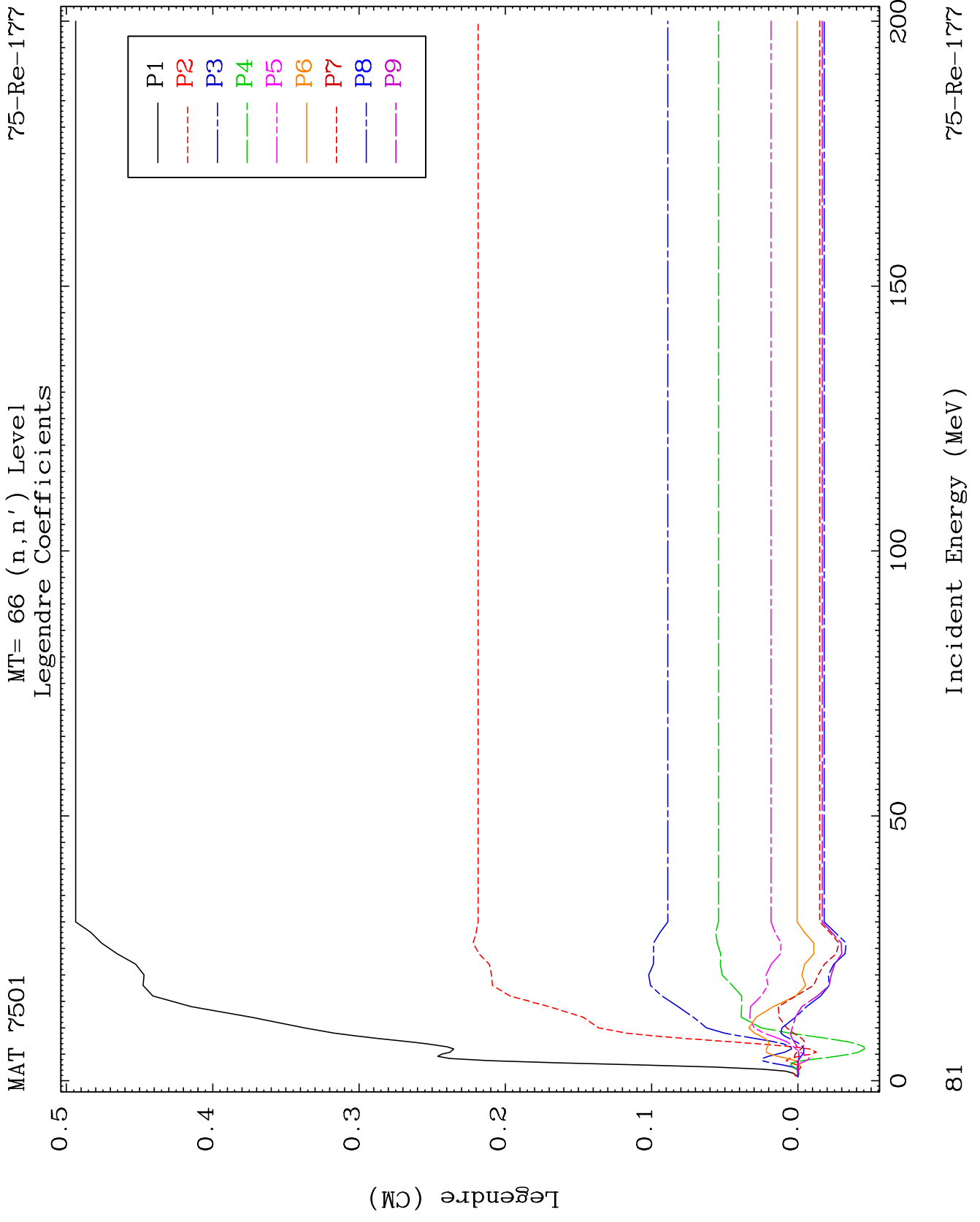
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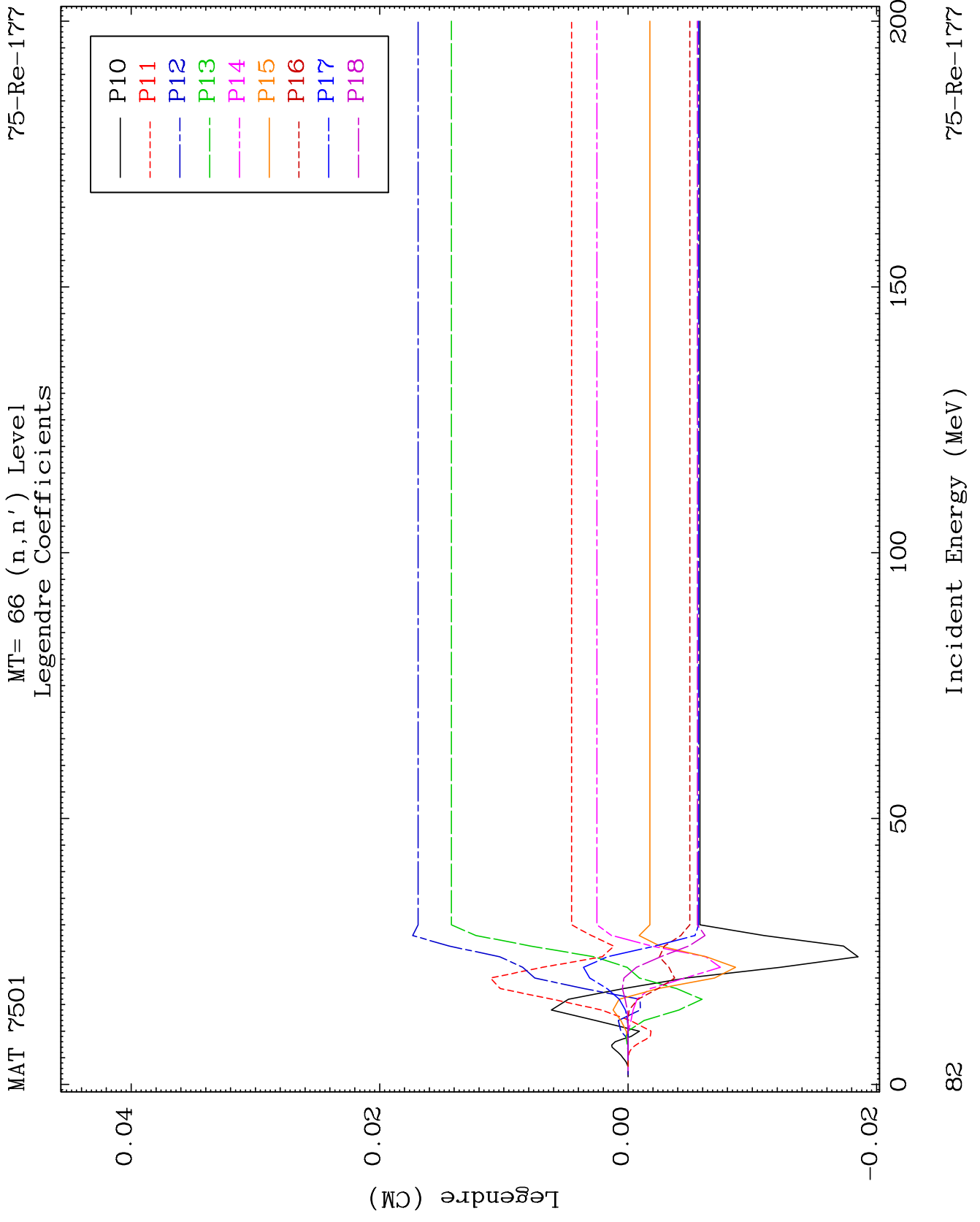
Incident Energy (MeV)

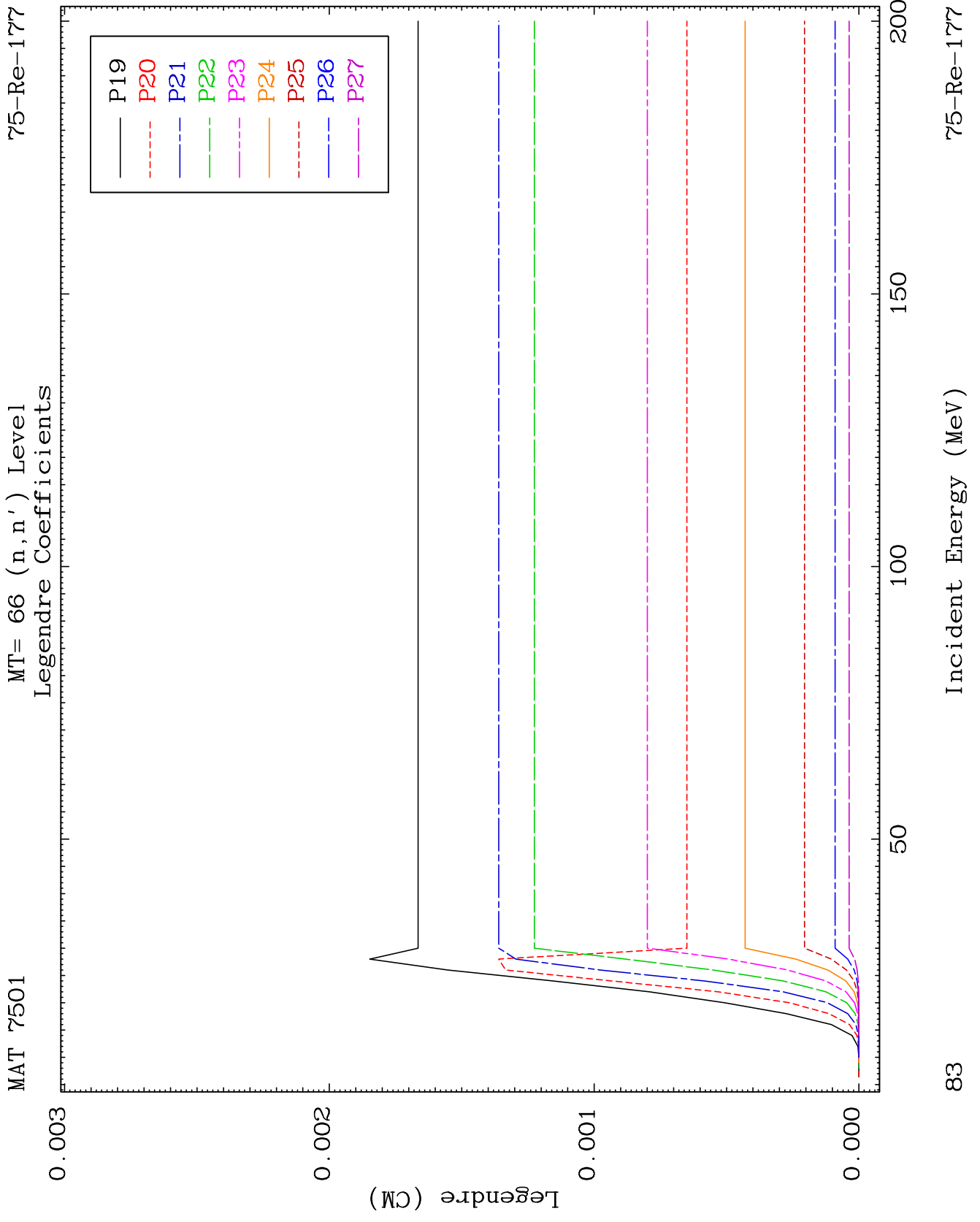
75-Re-177







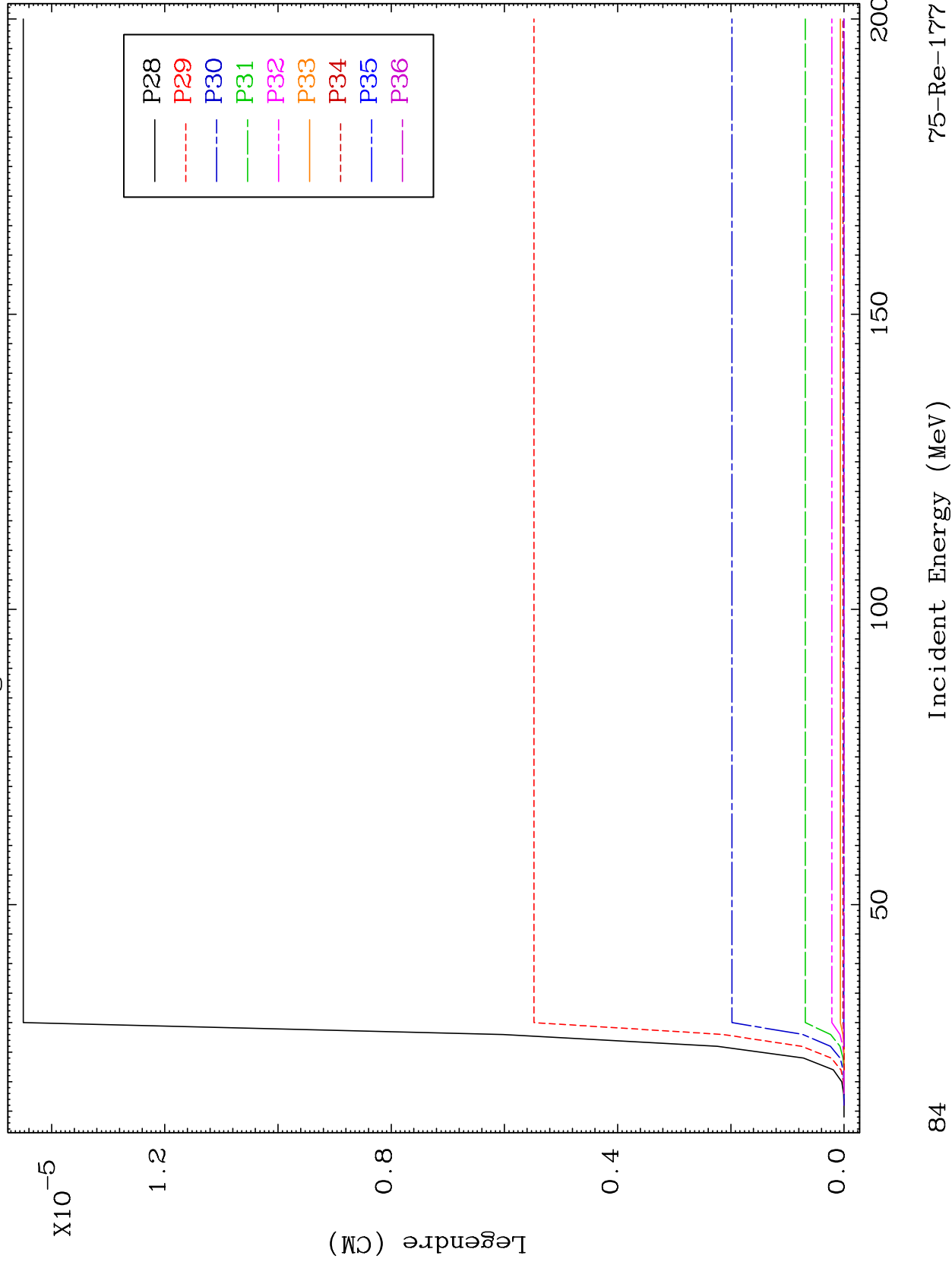




MAT 7501

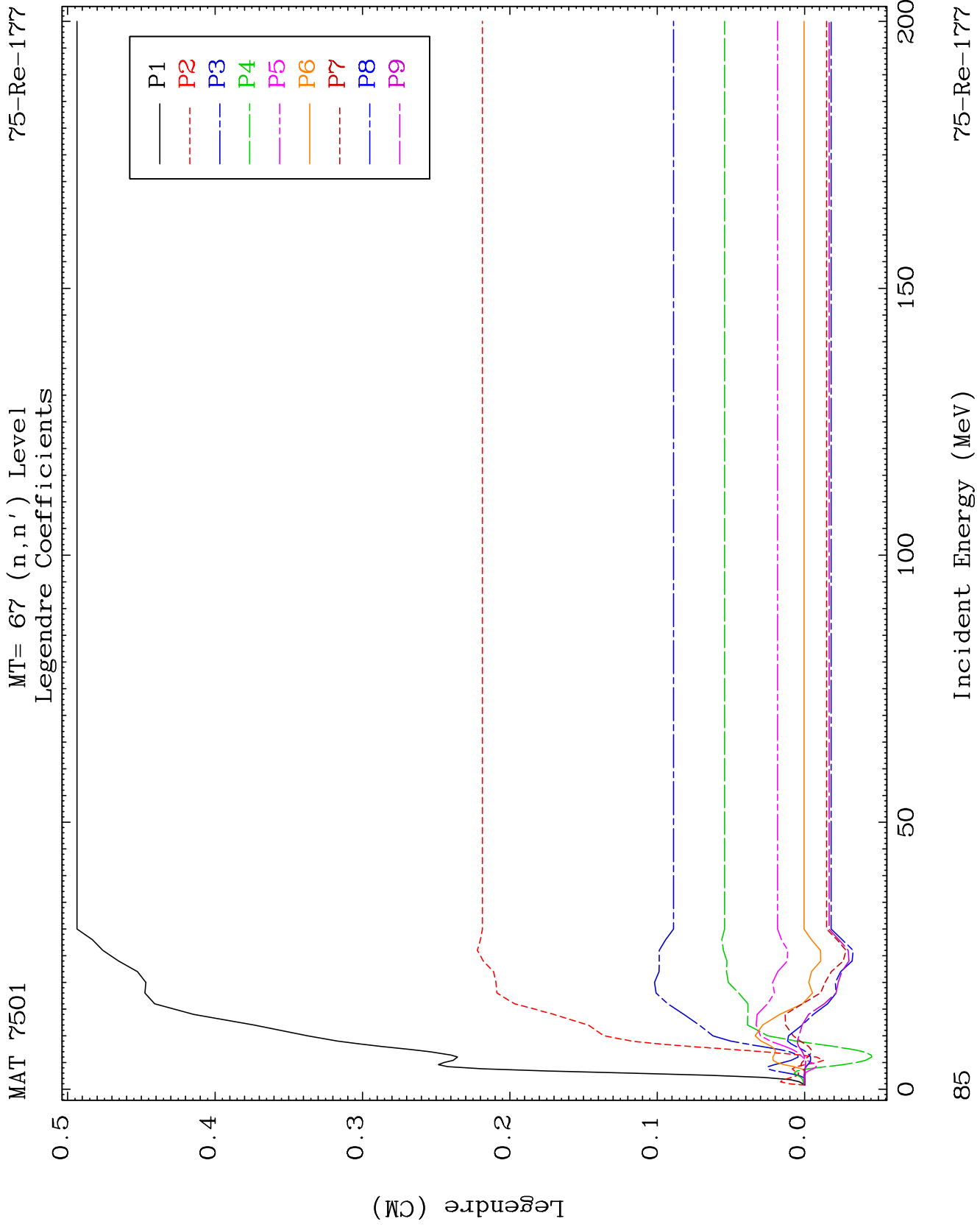
MT= 66 (n,n') Level  
Legendre Coefficients

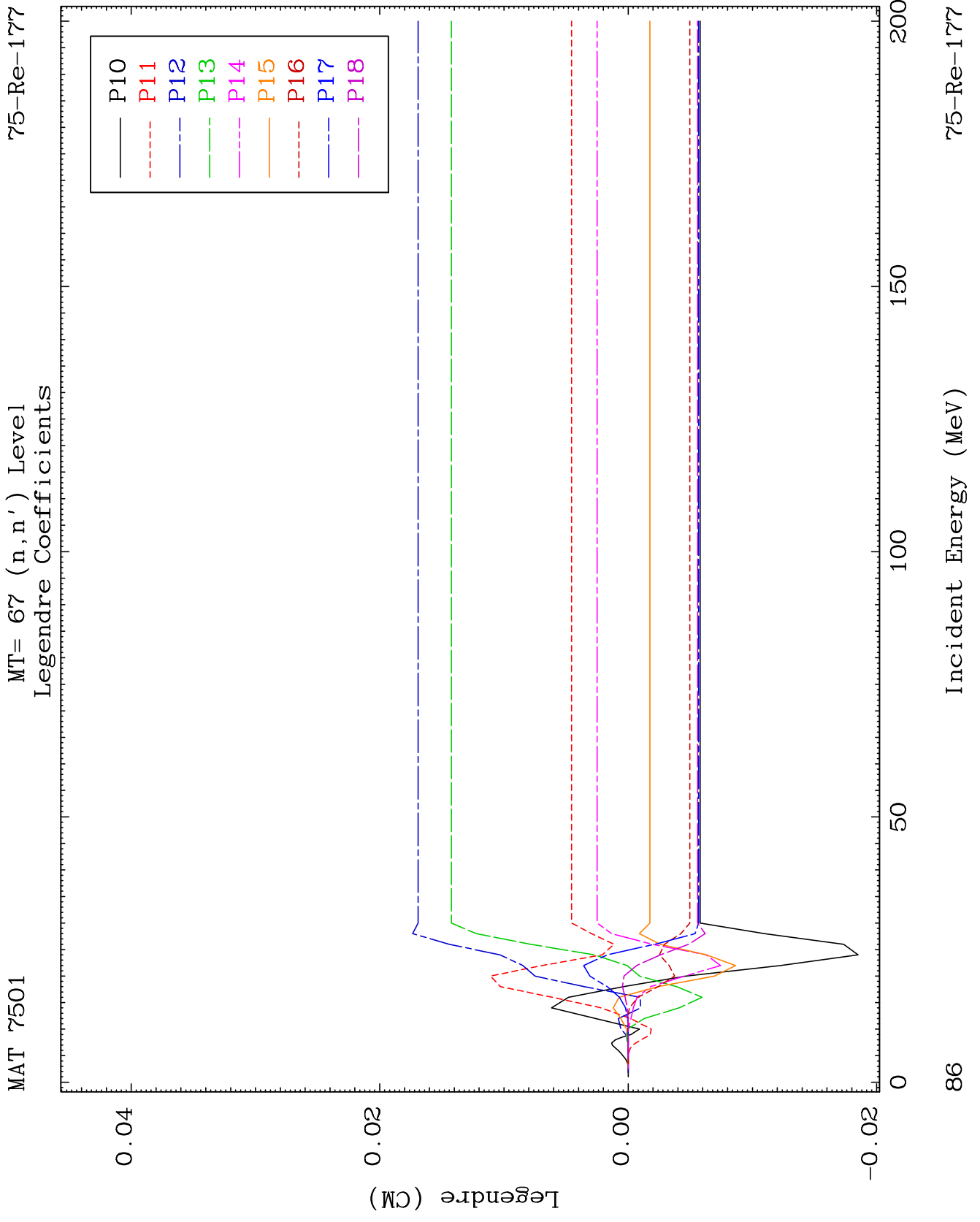
75-Re-177

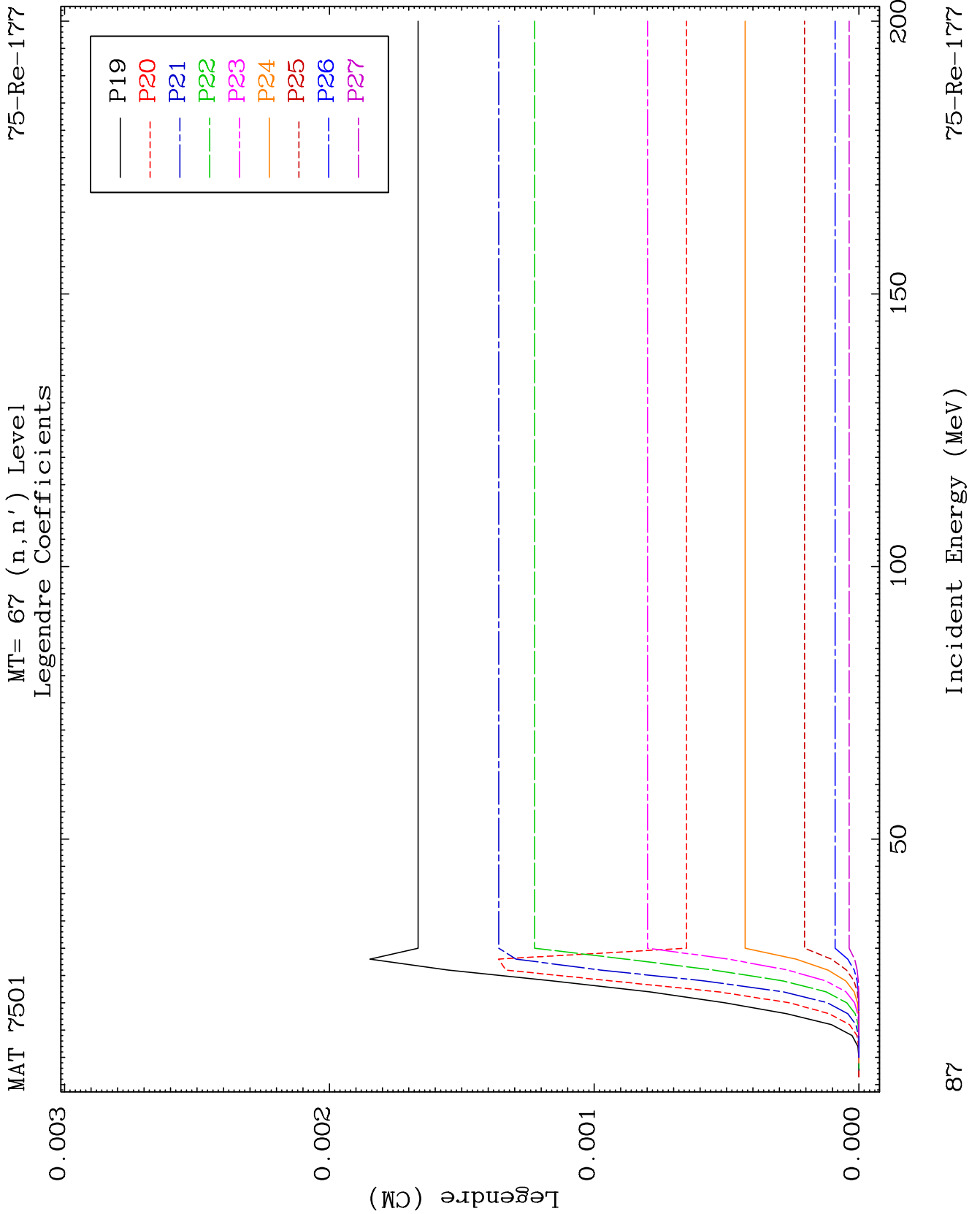


84

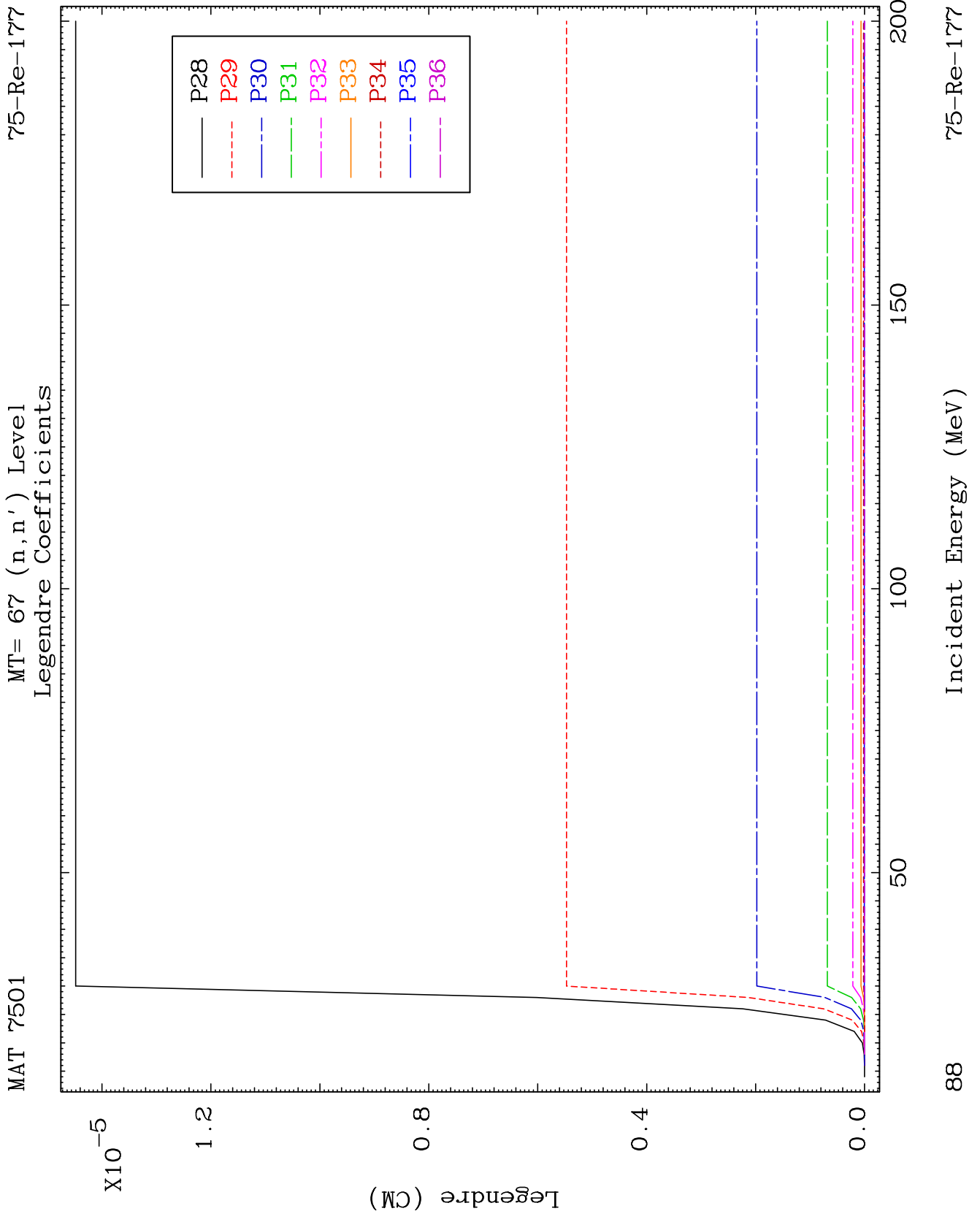
75-Re-177

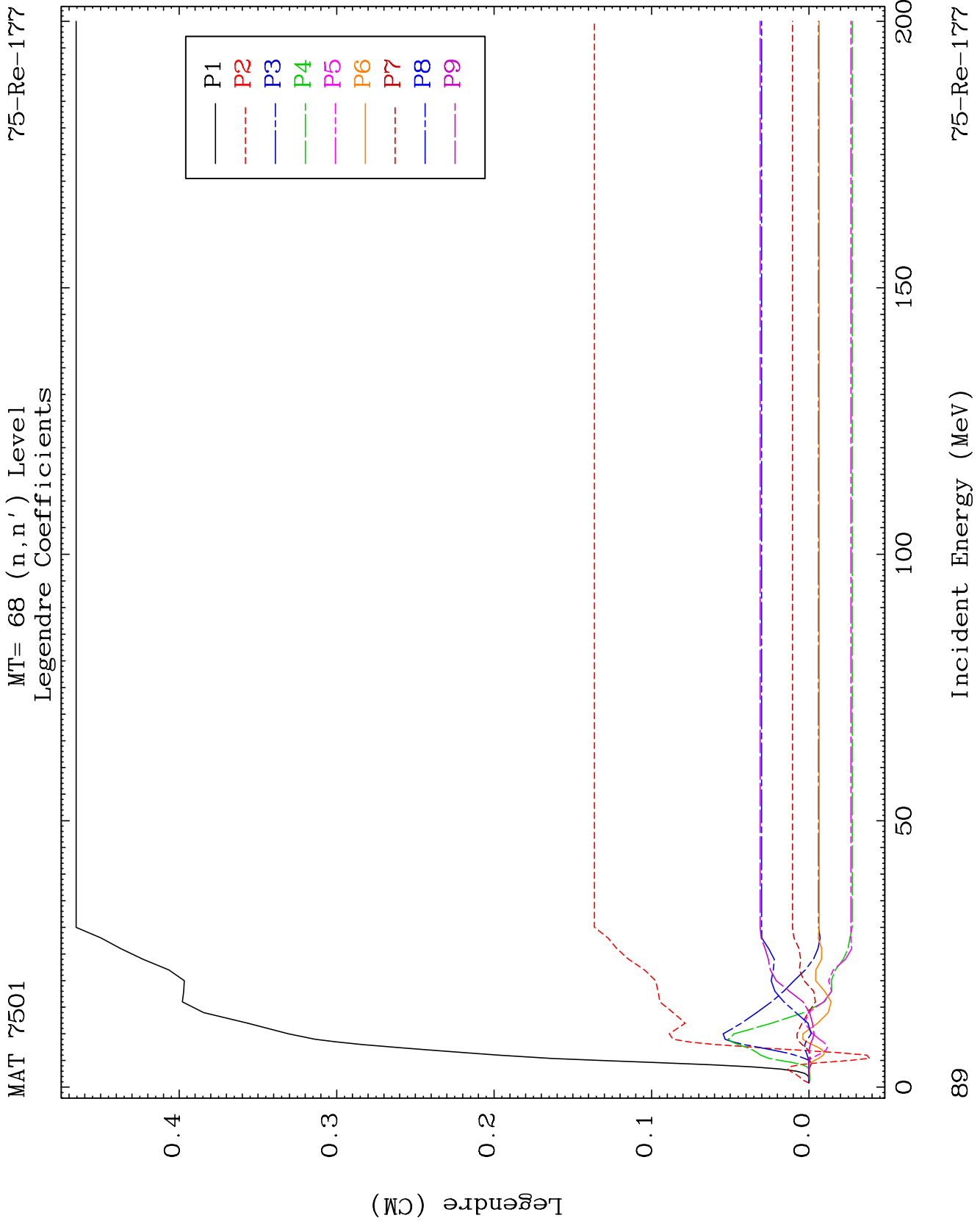


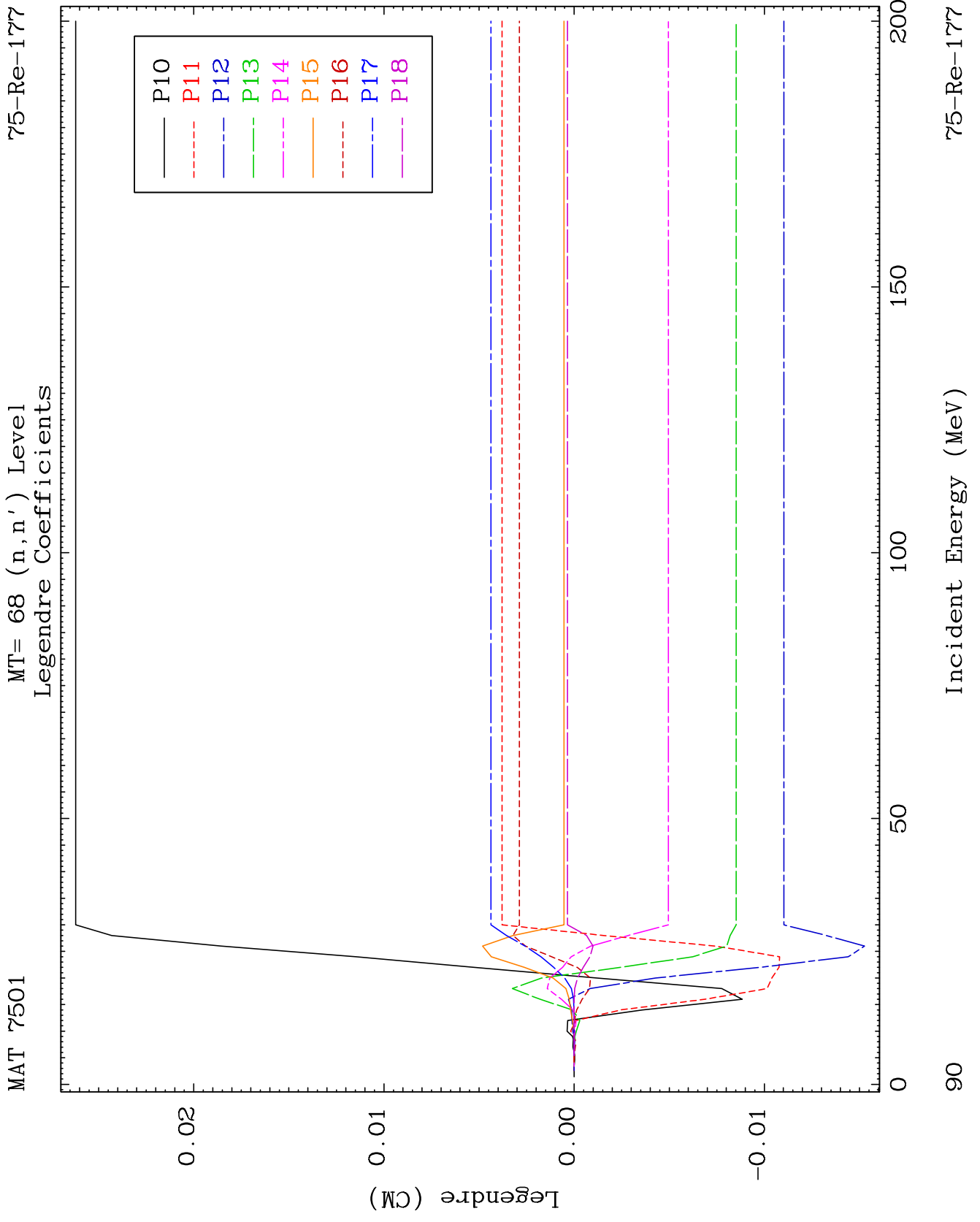








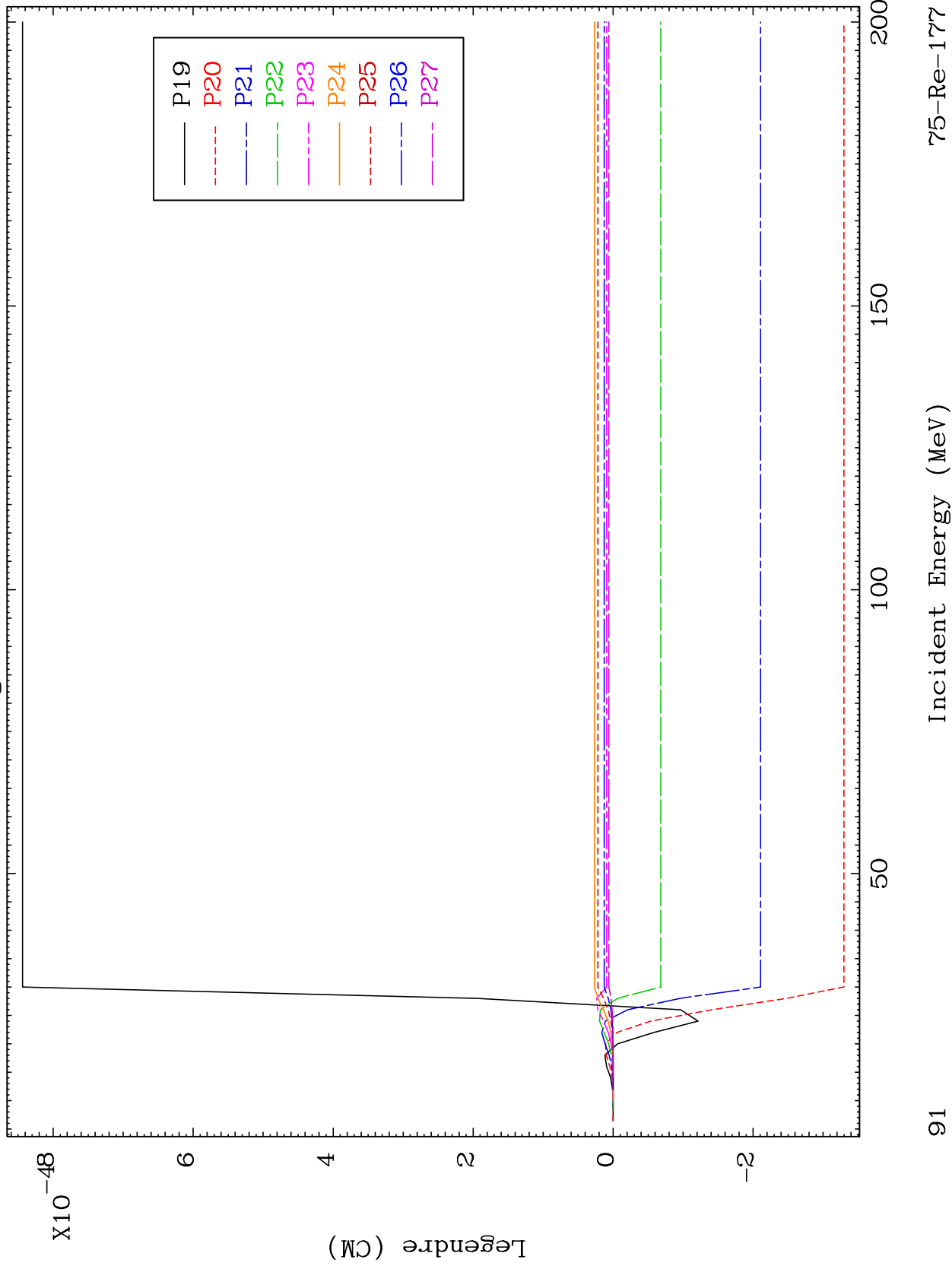




MAT 7501

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

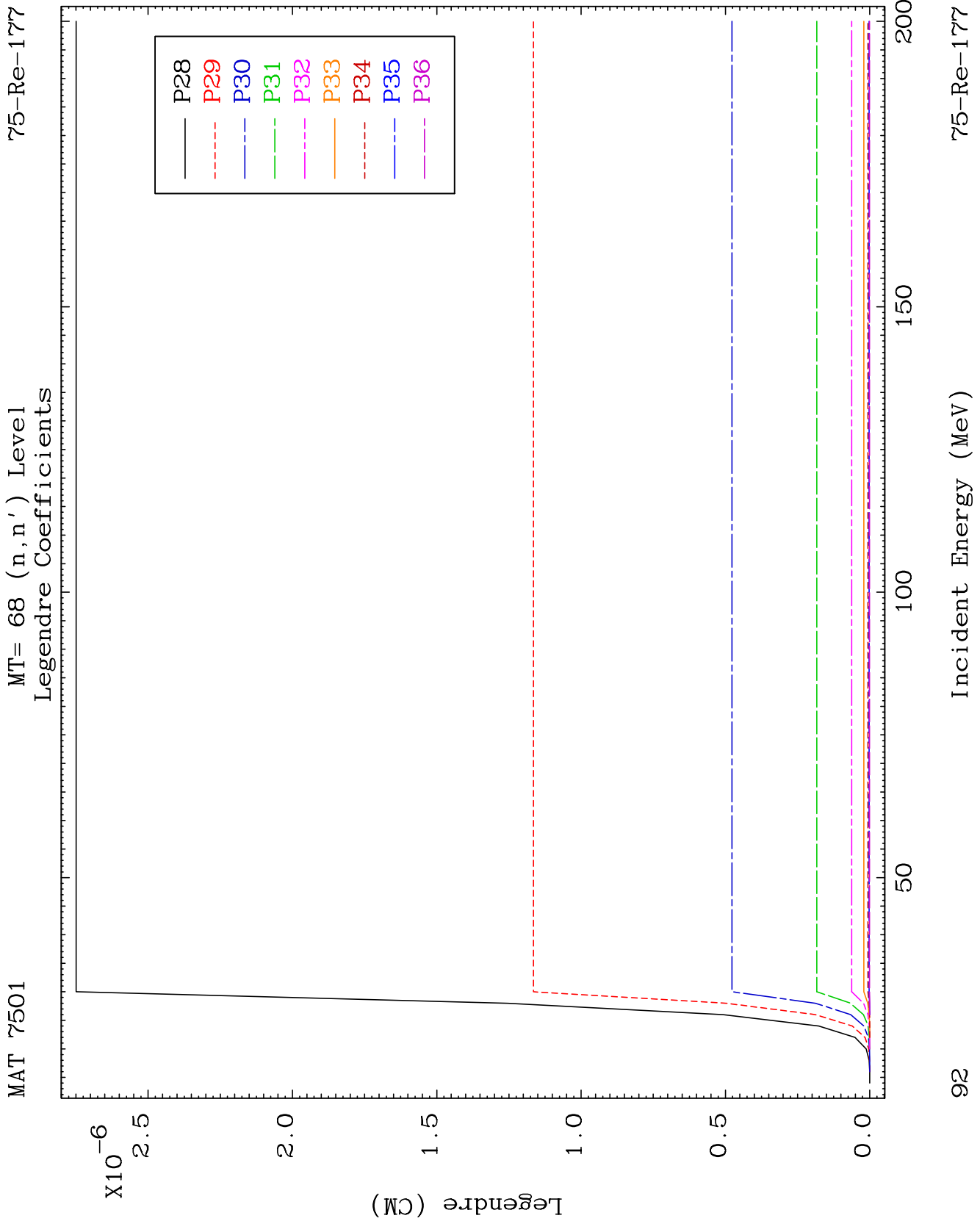
75-Re-177



91

Incident Energy (MeV)

75-Re-177

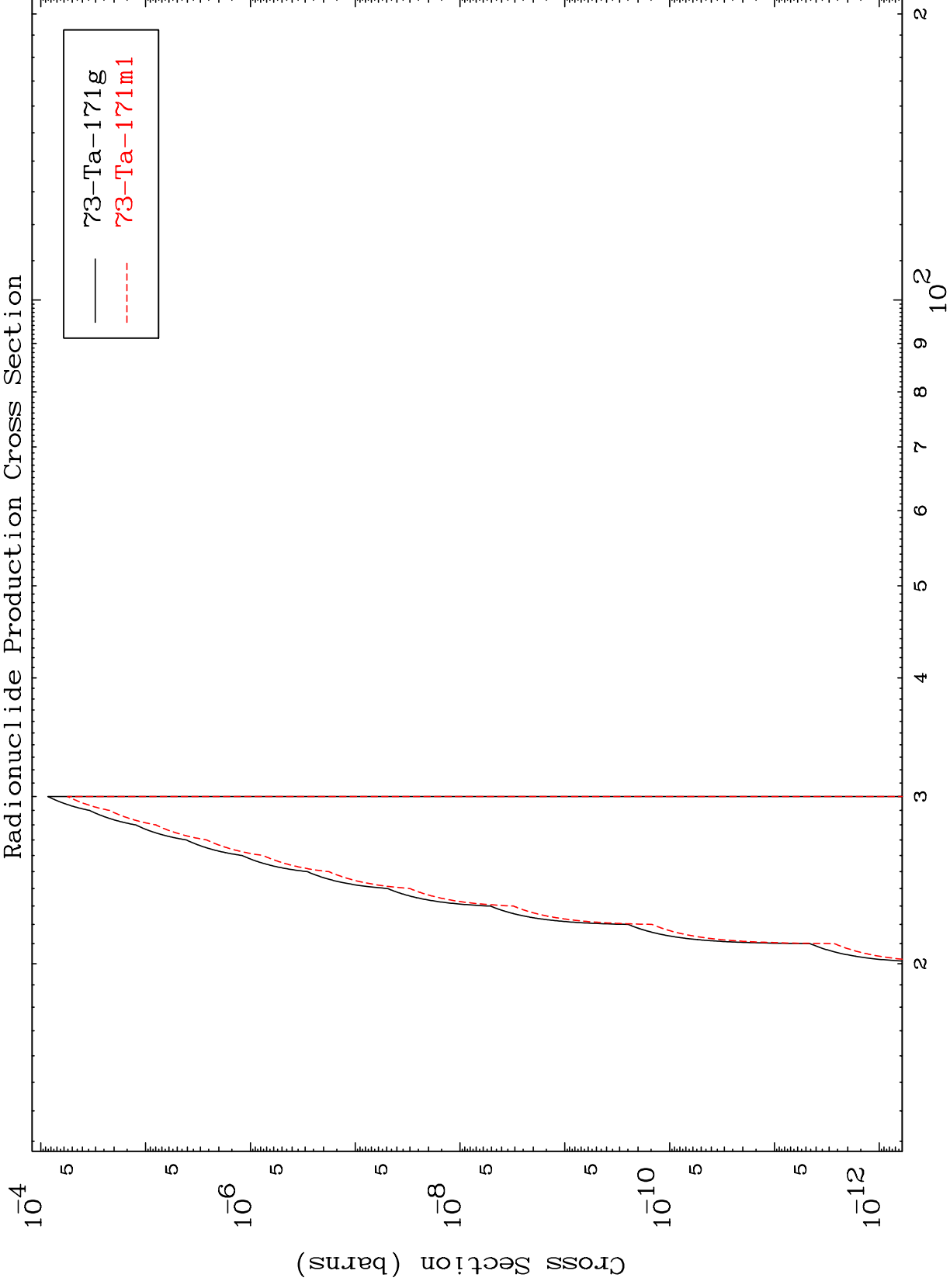


MAT 7501

(n,3n)  $\alpha$

75-Re-177

Radionuclide Production Cross Section



93

Incident Energy (MeV)

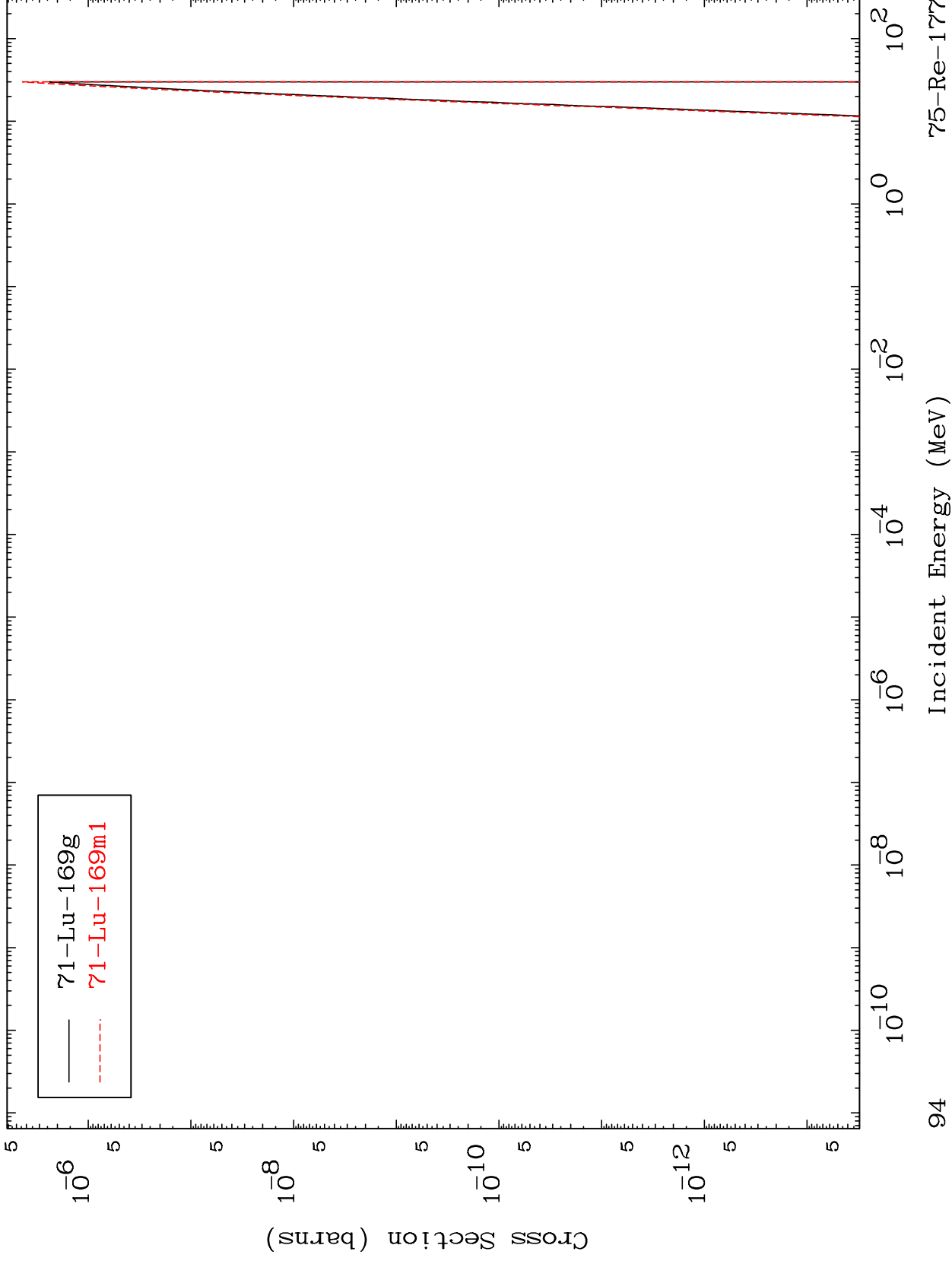
75-Re-177

MAT 7501

(n,n') 2 $\alpha$

75-Re-177

Radionuclide Production Cross Section



94

Incident Energy (MeV)

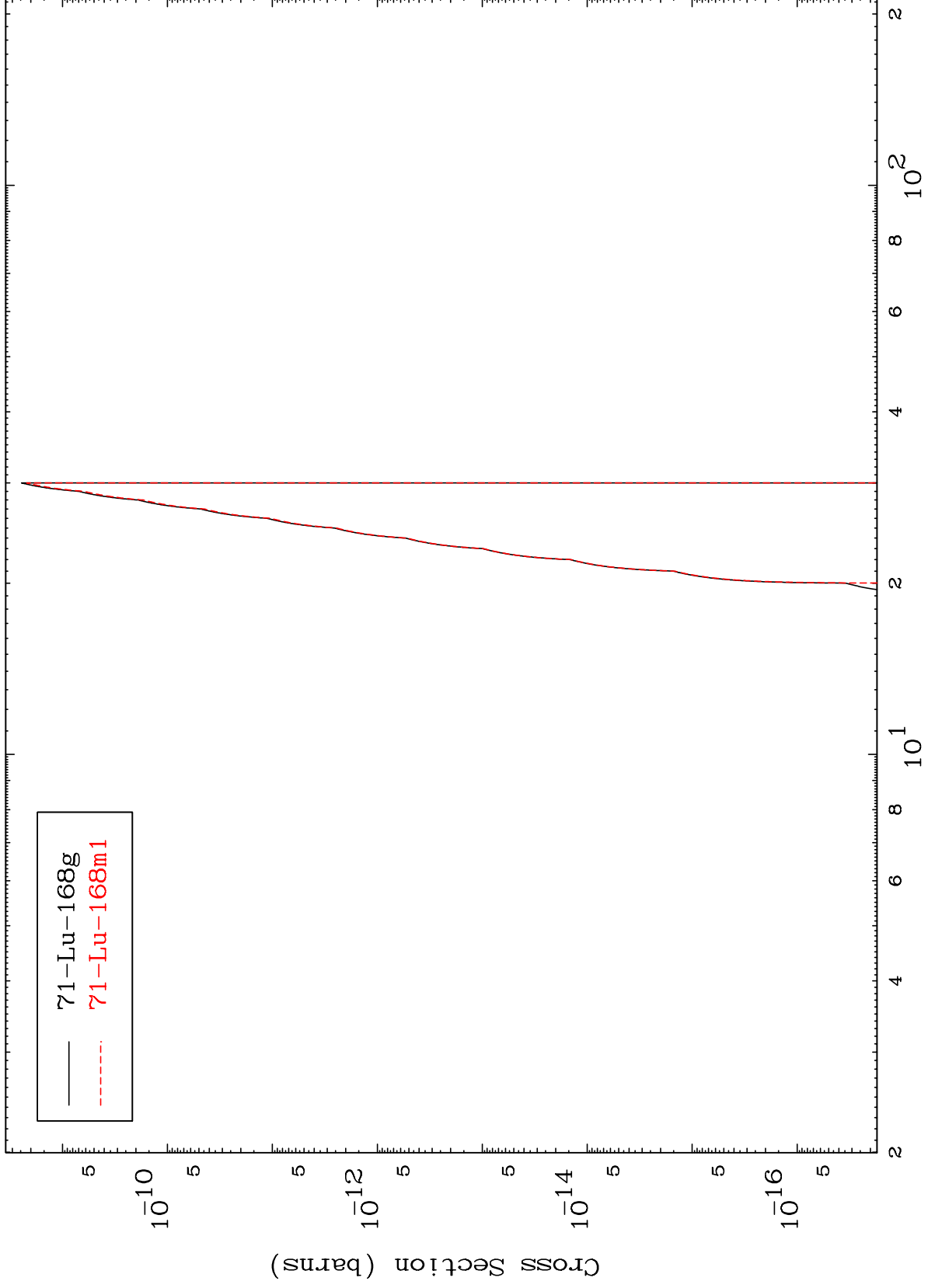
75-Re-177

MAT 7501

$^{75}\text{Re}$

$^{177}\text{Lu}$

Radionuclide Production Cross Section



95

Incident Energy (MeV)

$^{177}\text{Lu}$



MAT 7501

(n,2 $\alpha$ )

75-Re-177

Radionuclide Production Cross Section

