

Program EVALPLOT  
(Version 2017-1)

by

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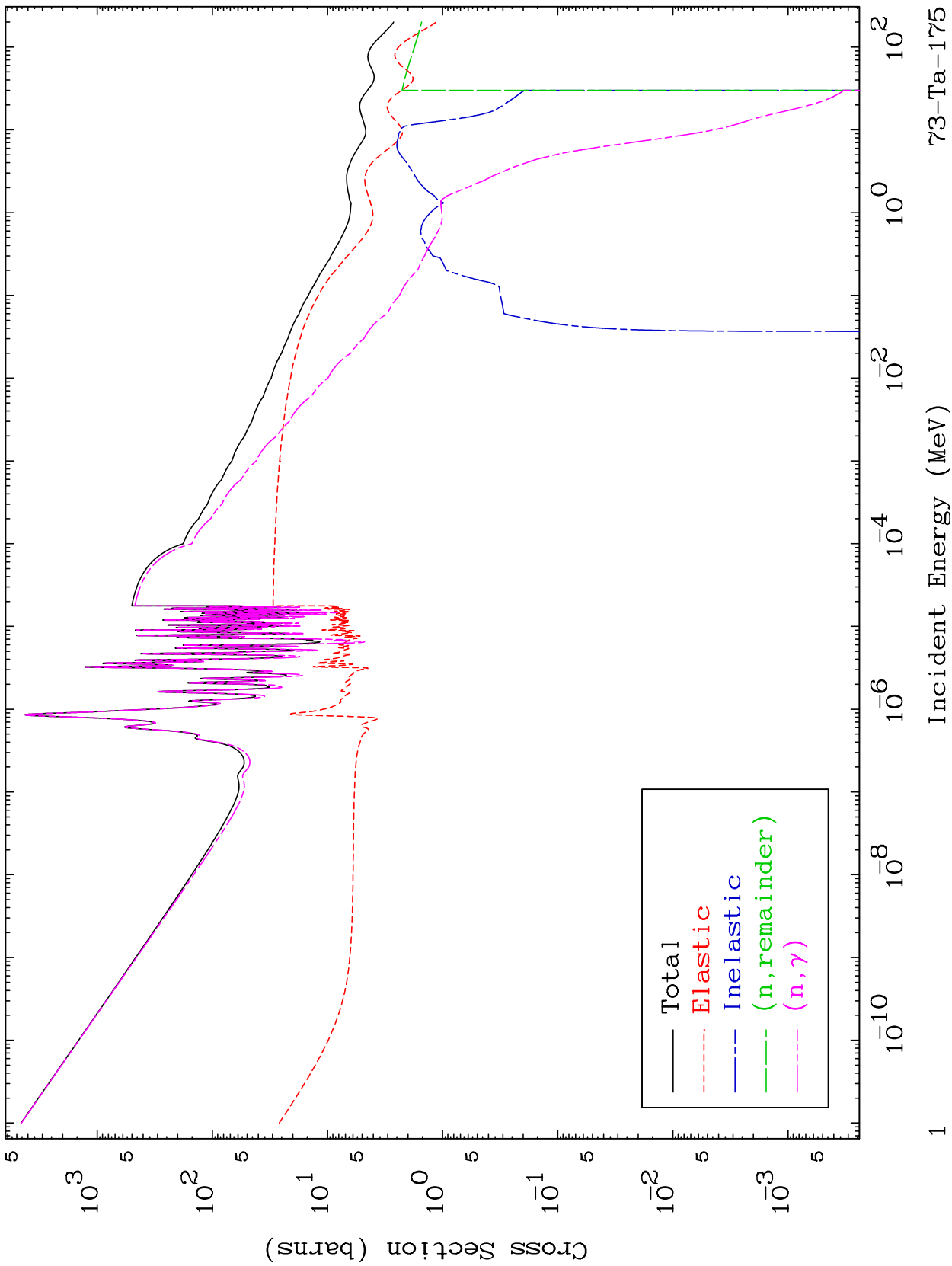
Press Mouse Button to Start

MAT 7310

Major

293 Kelvin Cross Sections

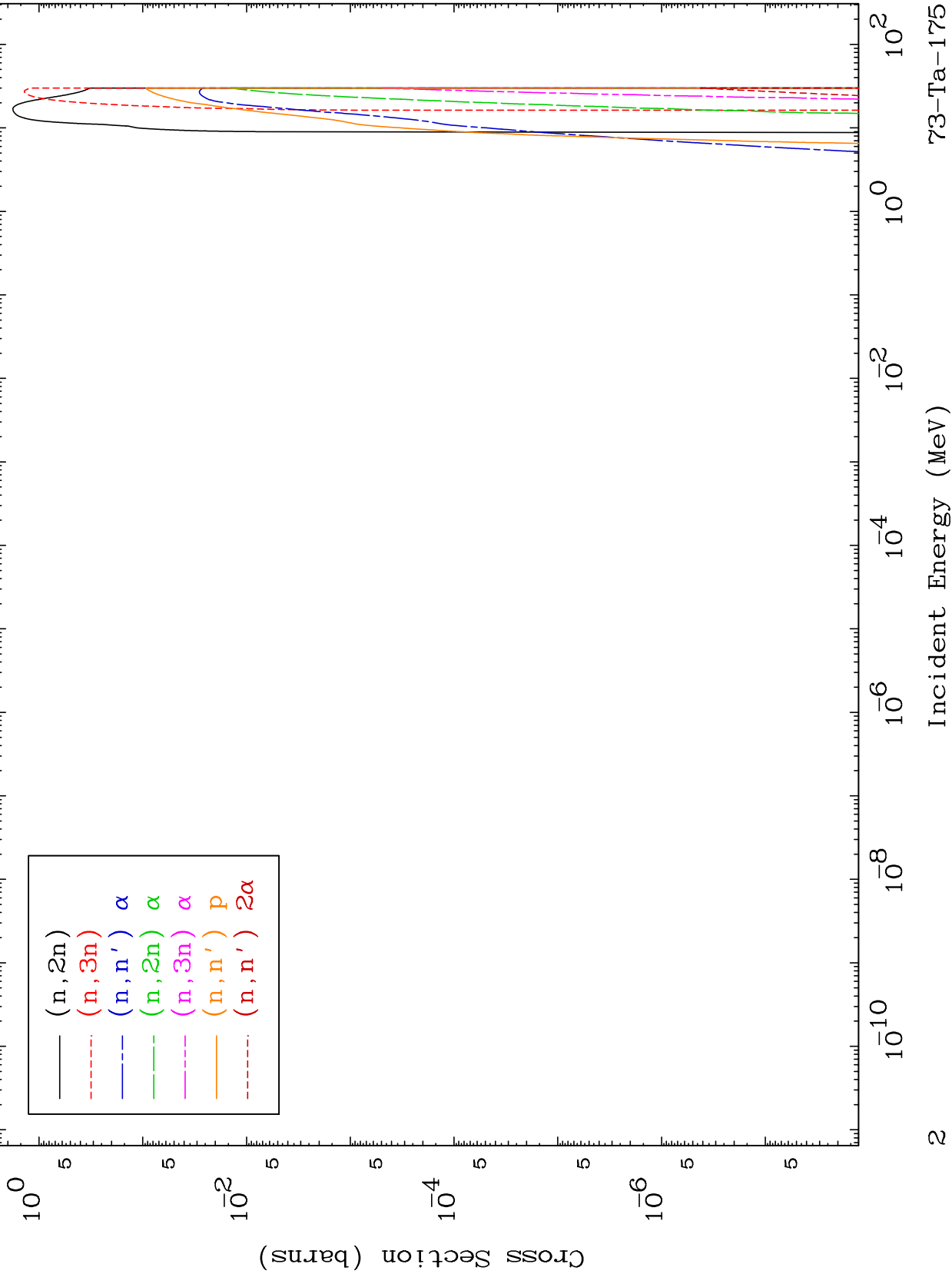
73-Ta-175



MAT 7310

Neutron Production  
293 Kelvin Cross Sections

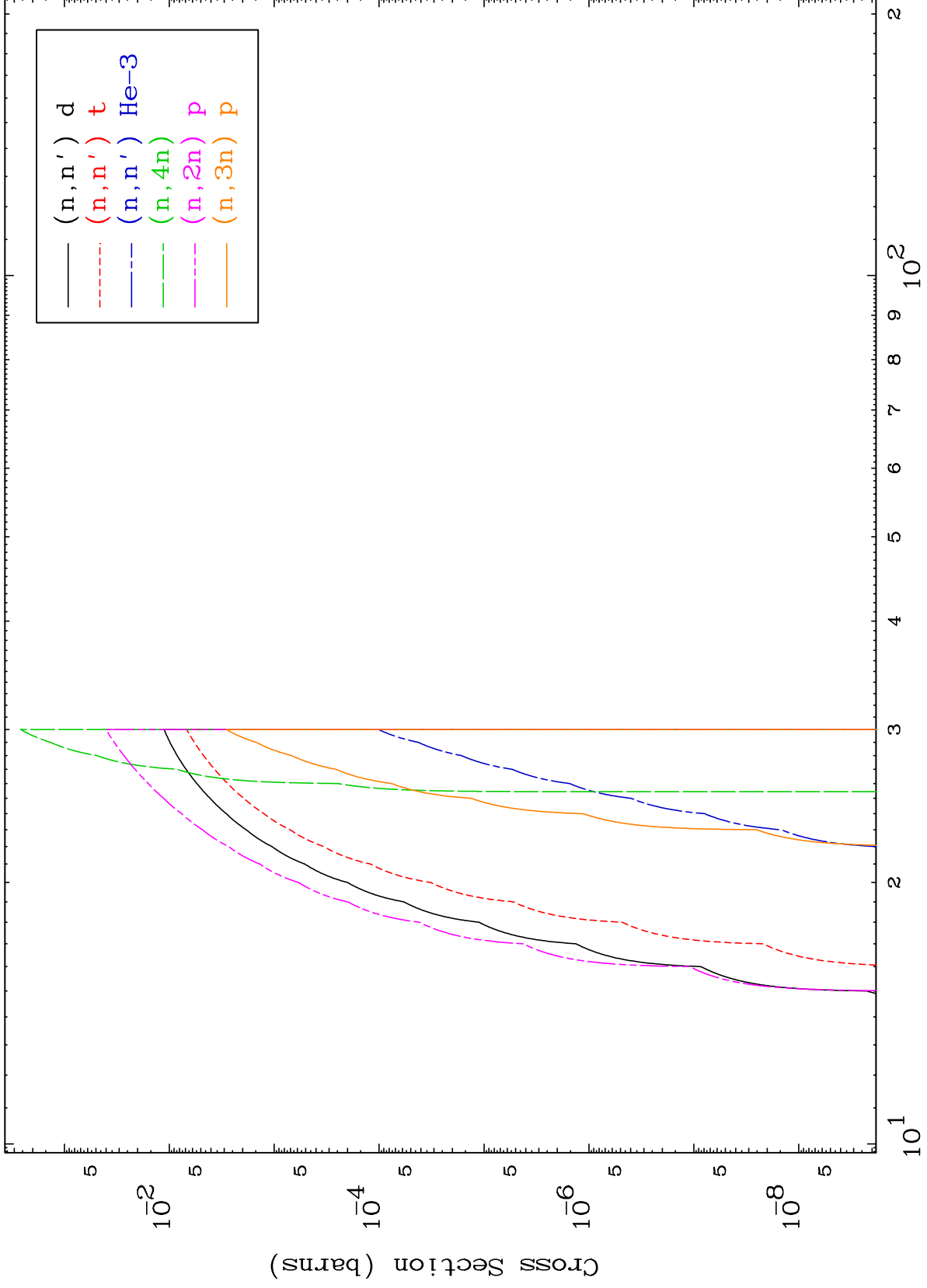
73-Ta-175



MAT 7310

Neutron Production  
293 Kelvin Cross Sections

73-Ta-175



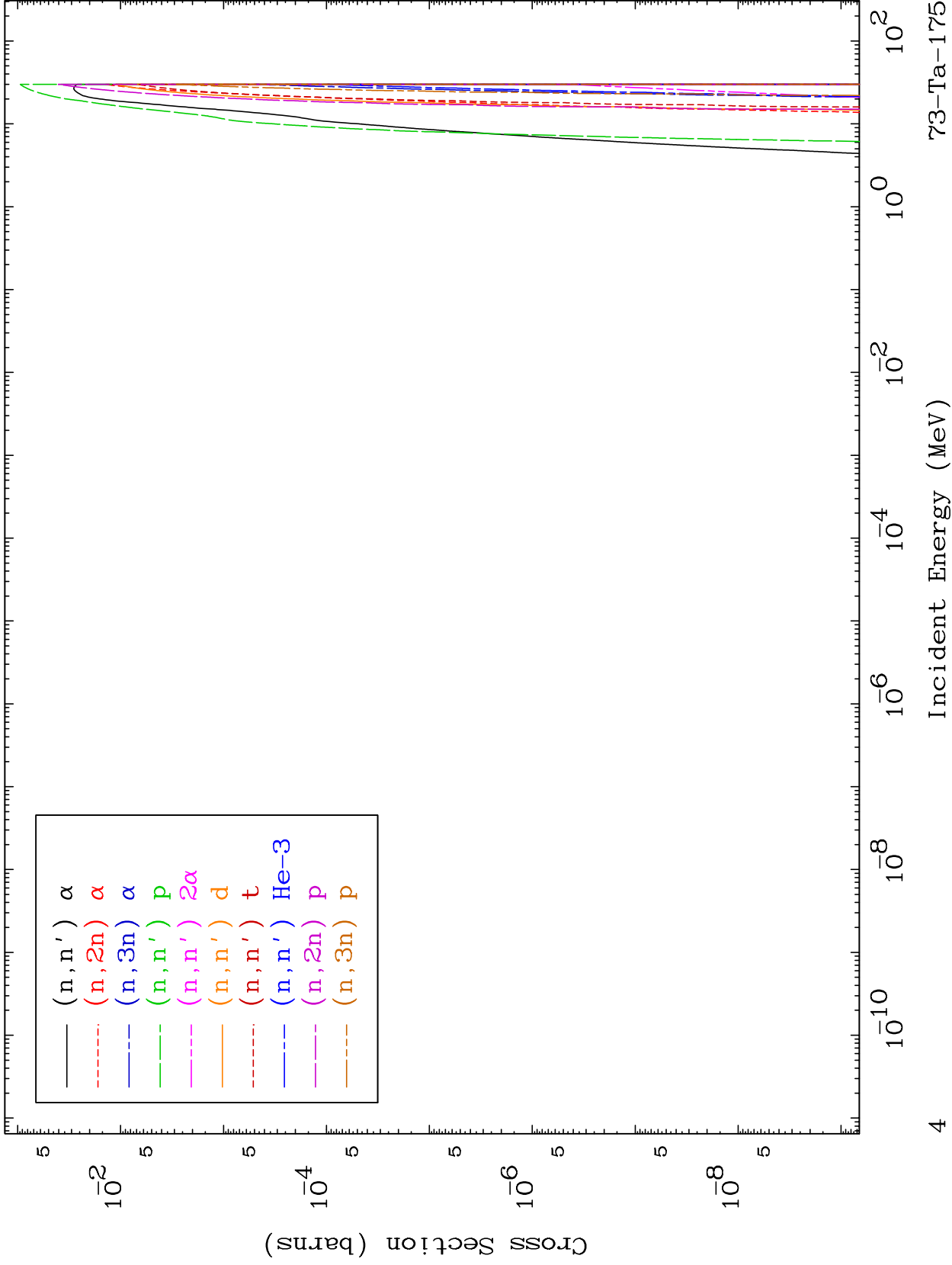
Incident Energy (MeV)

73-Ta-175

MAT 7310

Charged Particle  
293 Kelvin Cross Sections

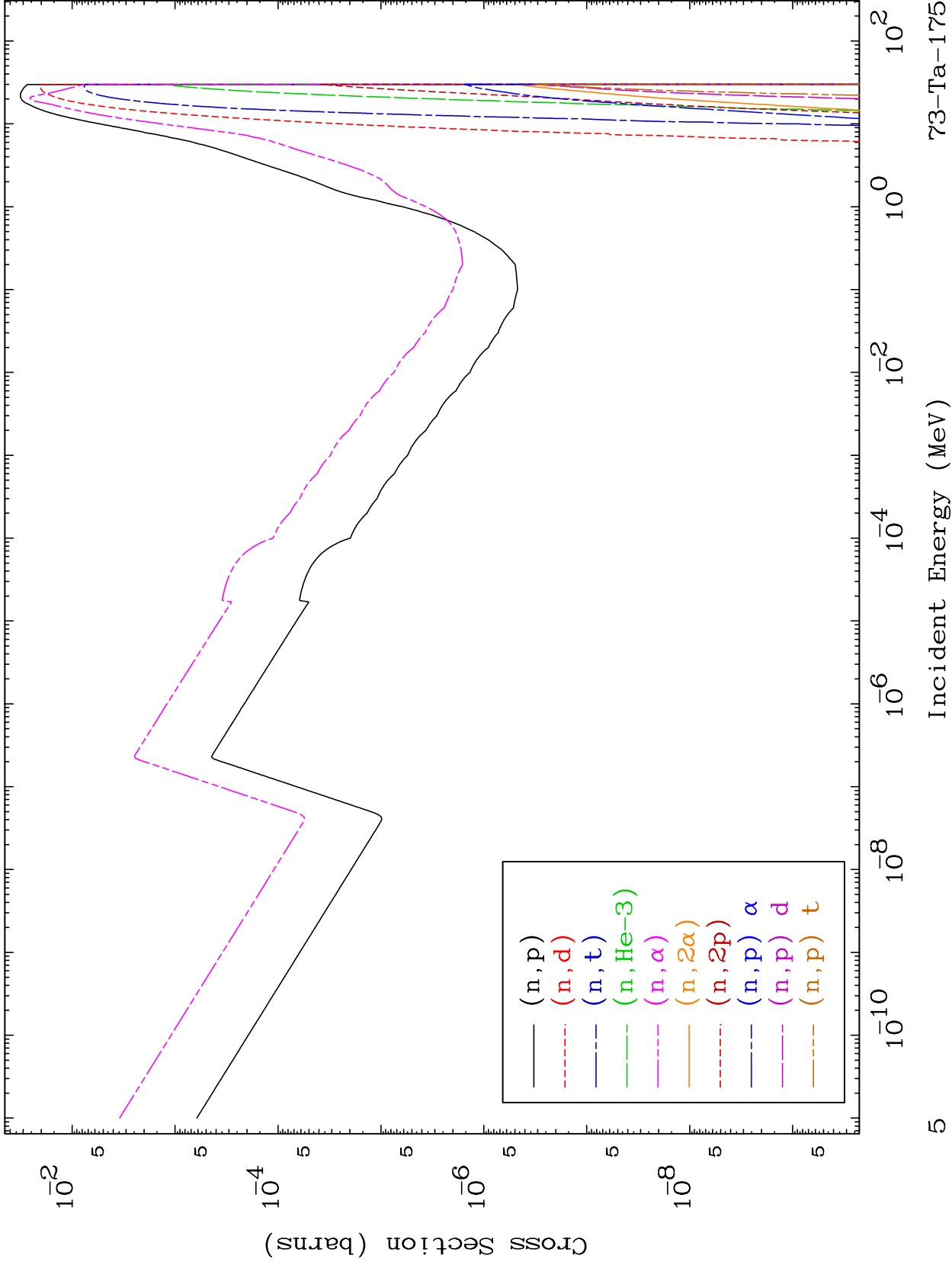
73-Ta-175



MAT 7310

Charged Particle  
293 Kelvin Cross Sections

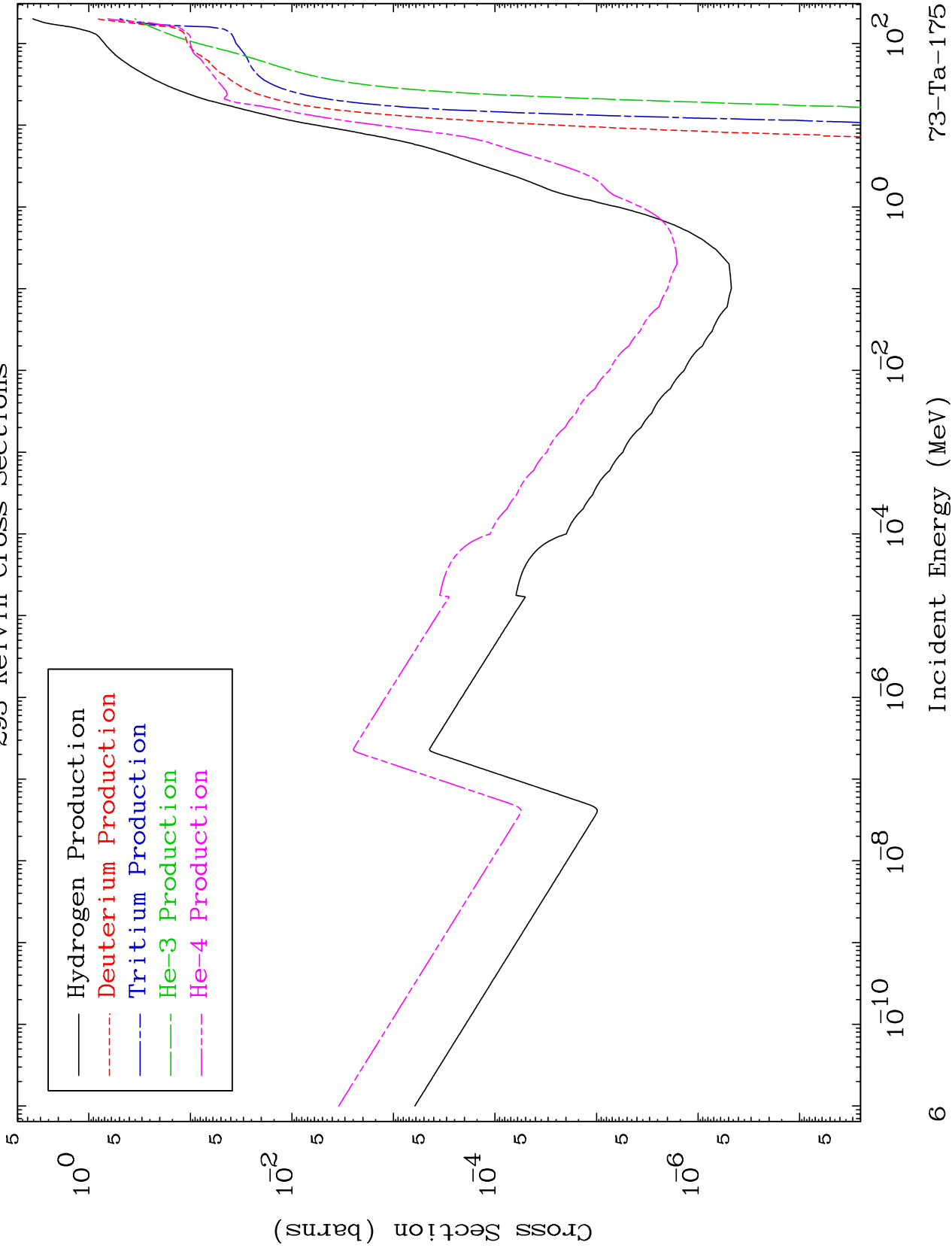
73-Ta-175



MAT 7310

Particle Production  
293 Kelvin Cross Sections

73-Ta-175

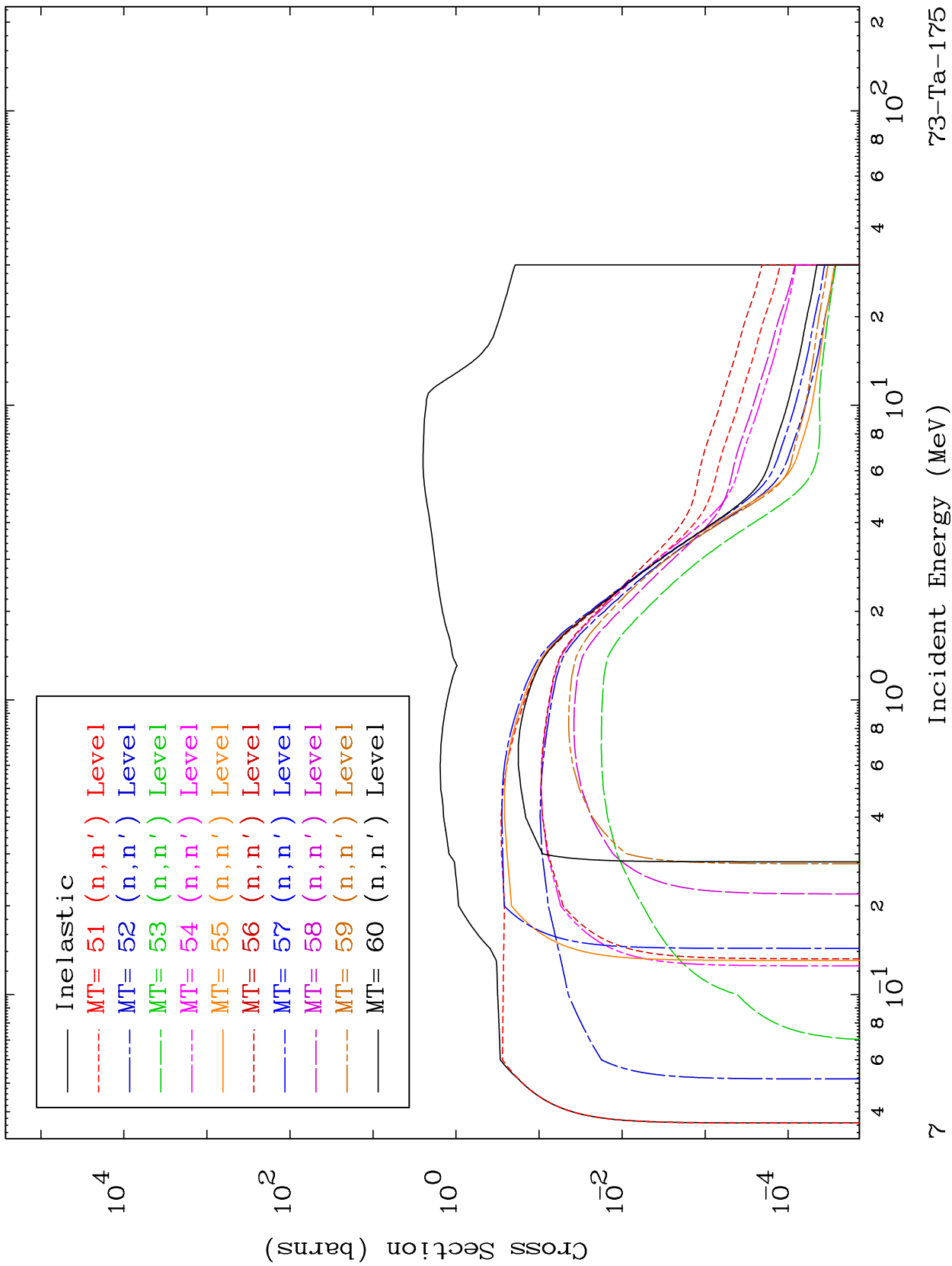


MAT 7310

(n,n') Level

73-Ta-175

293 Kelvin Cross Sections



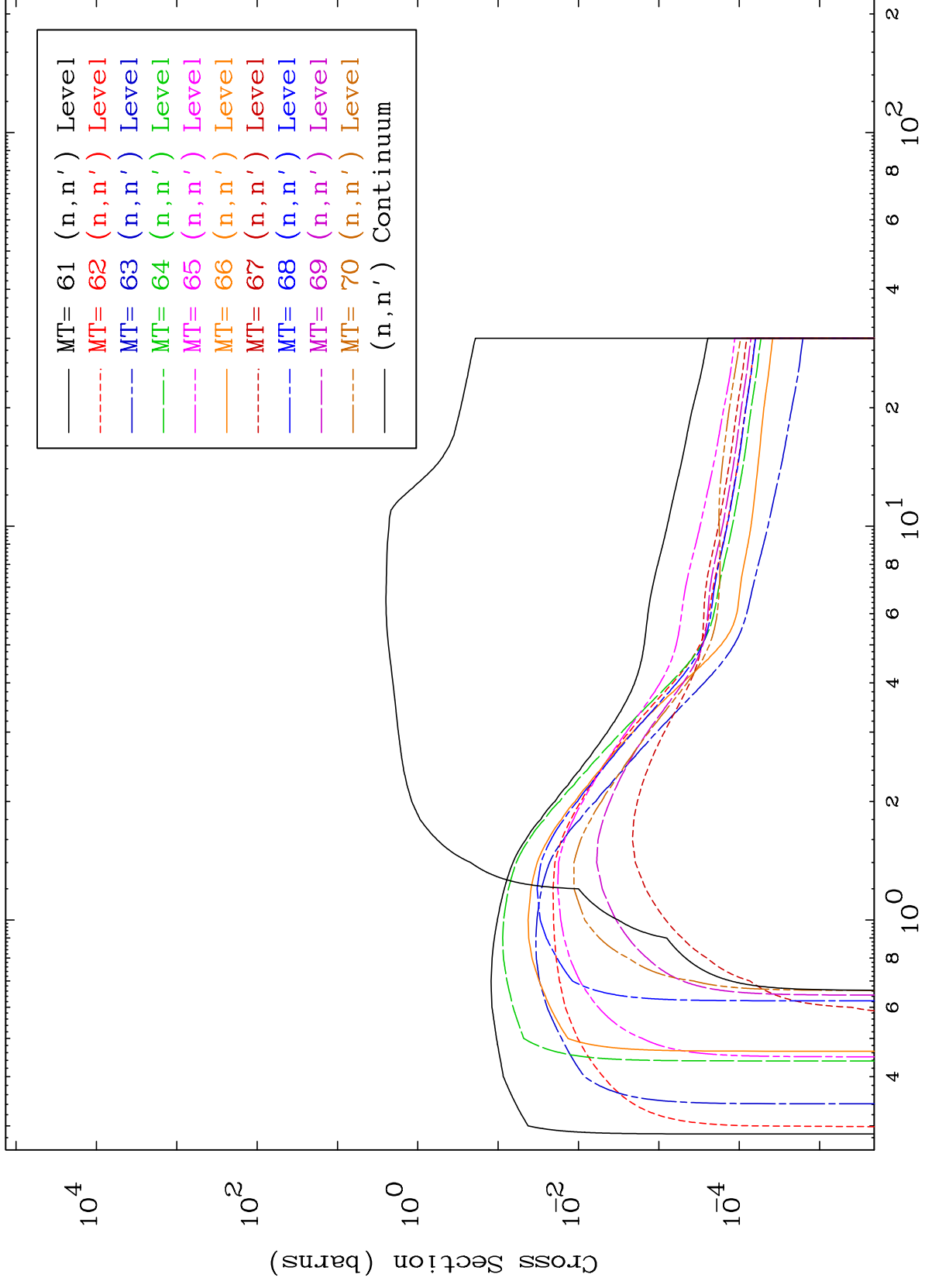


MAT 7310

(n,n') Level

73-Ta-175

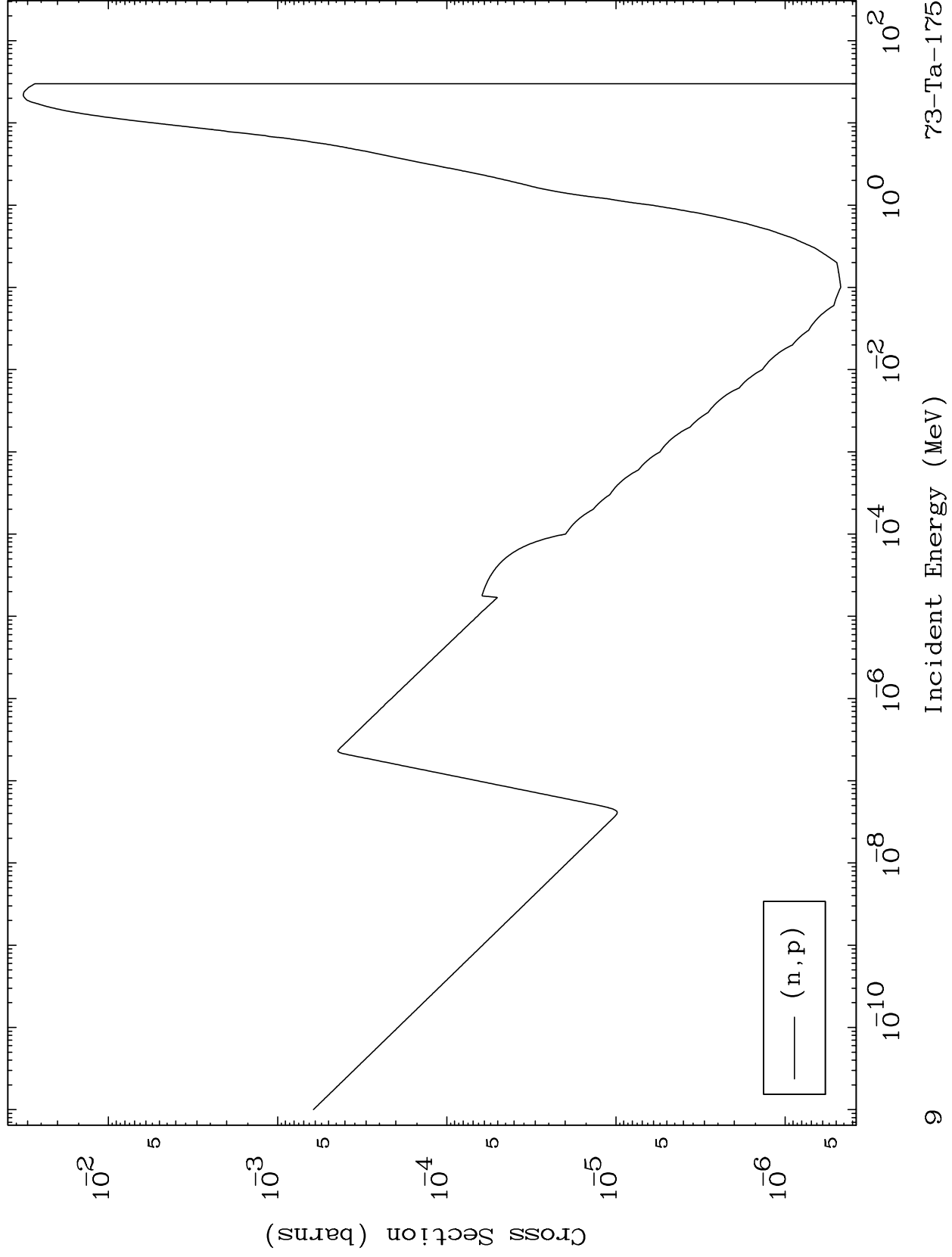
293 Kelvin Cross Sections



MAT 7310

(n,p) Levels  
293 Kelvin Cross Sections

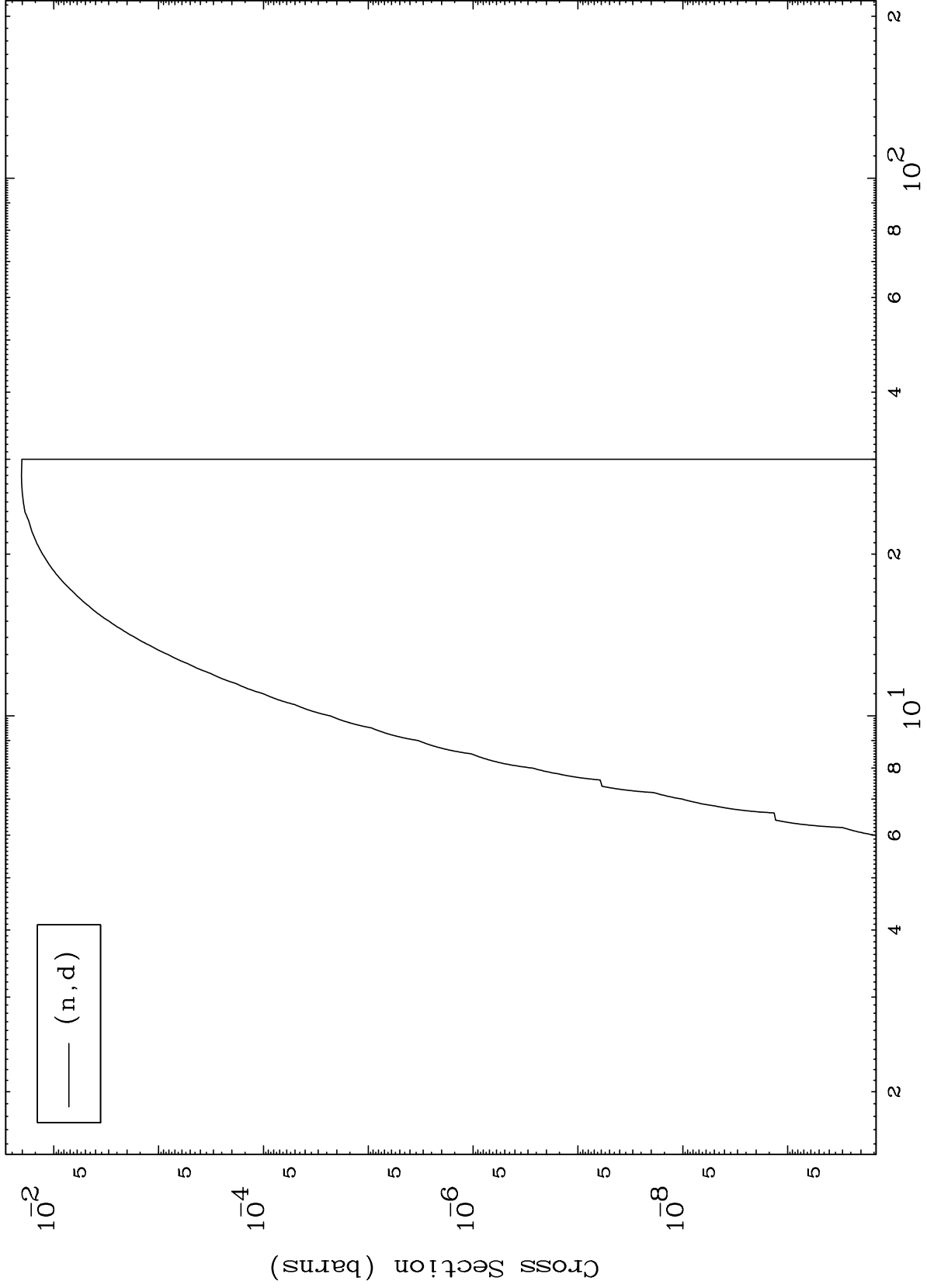
73-Ta-175



MAT 7310

(n,d) Levels  
293 Kelvin Cross Sections

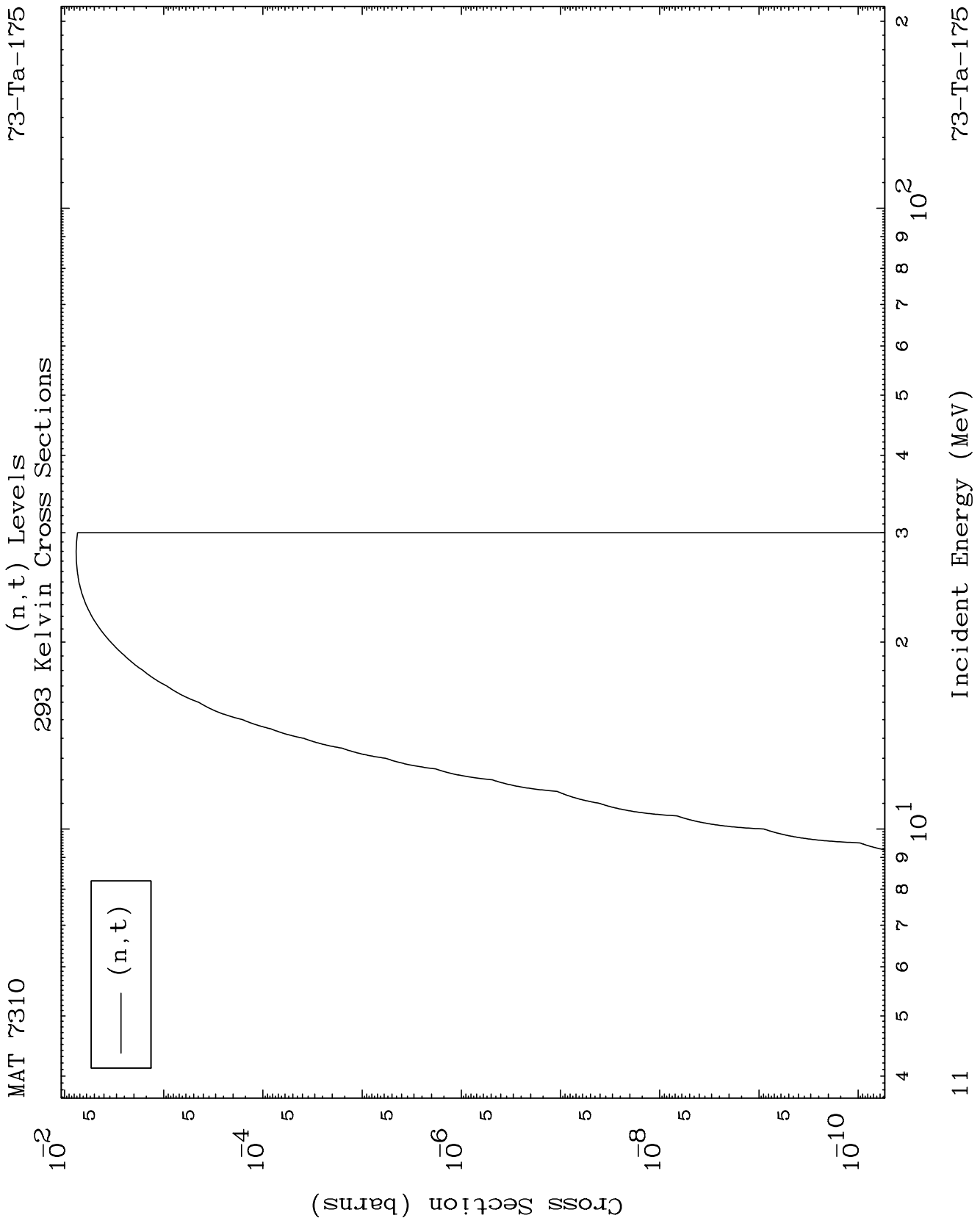
73-Ta-175



10

Incident Energy (MeV)

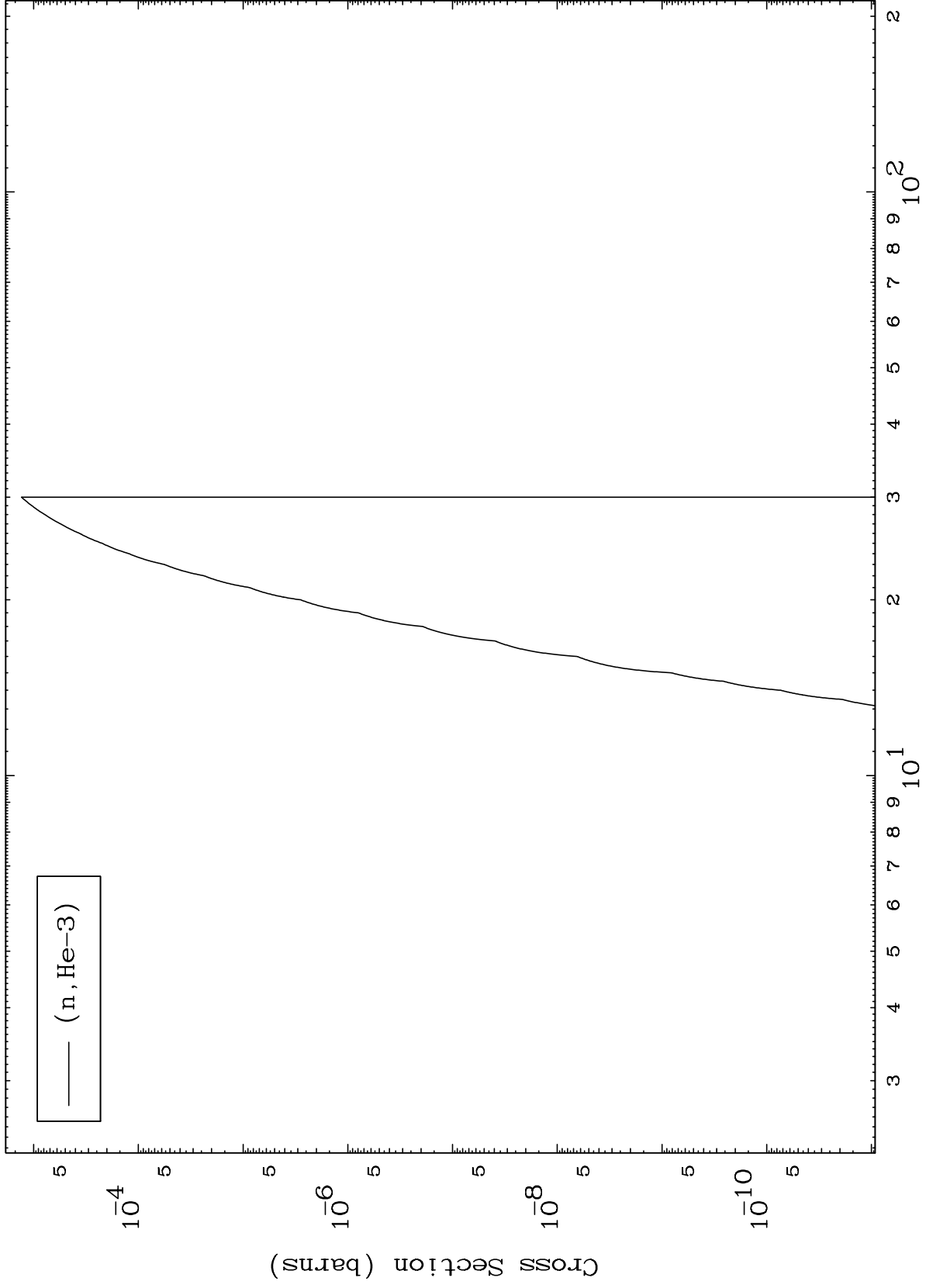
73-Ta-175



MAT 7310

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-175



12

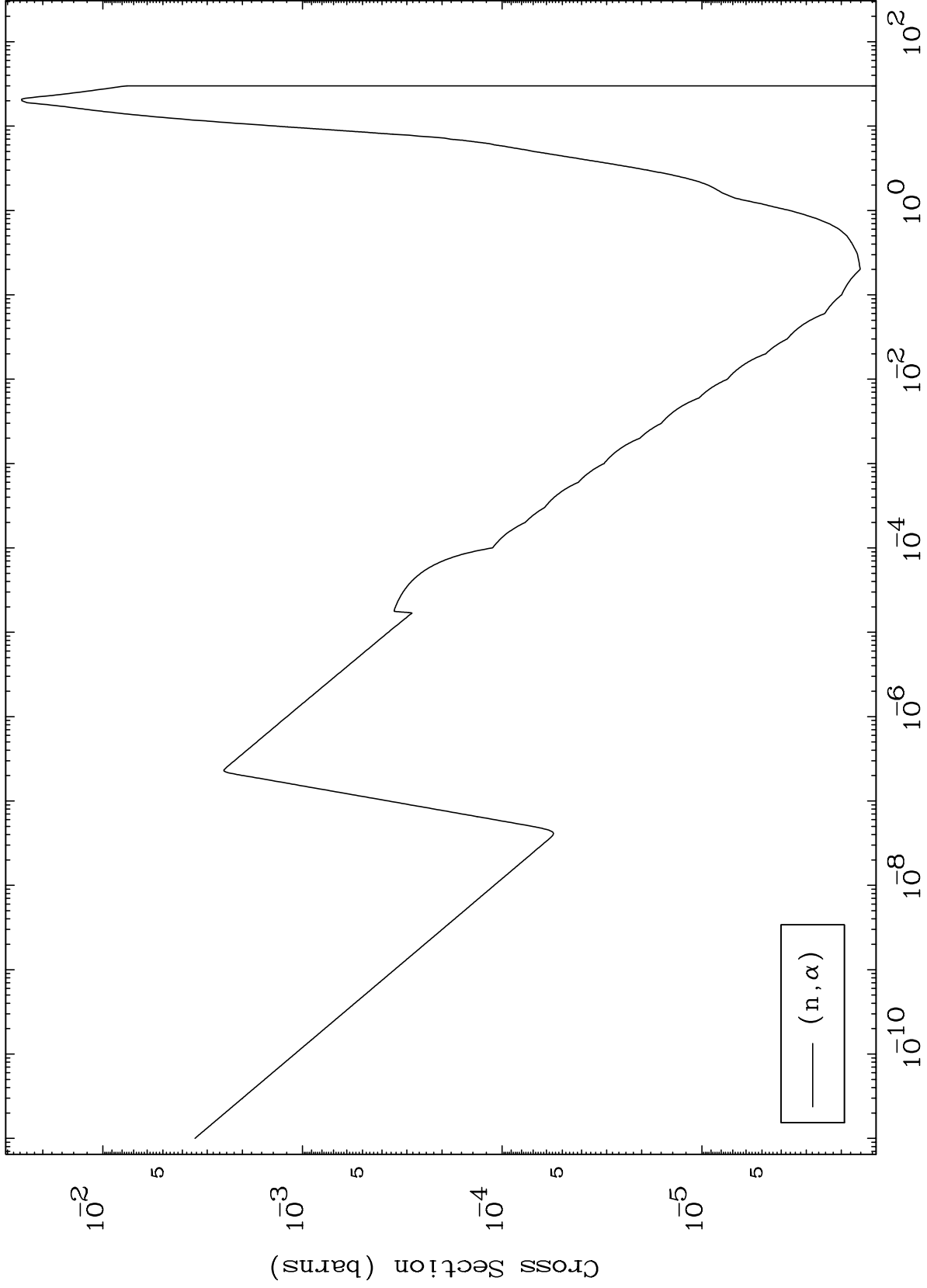
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

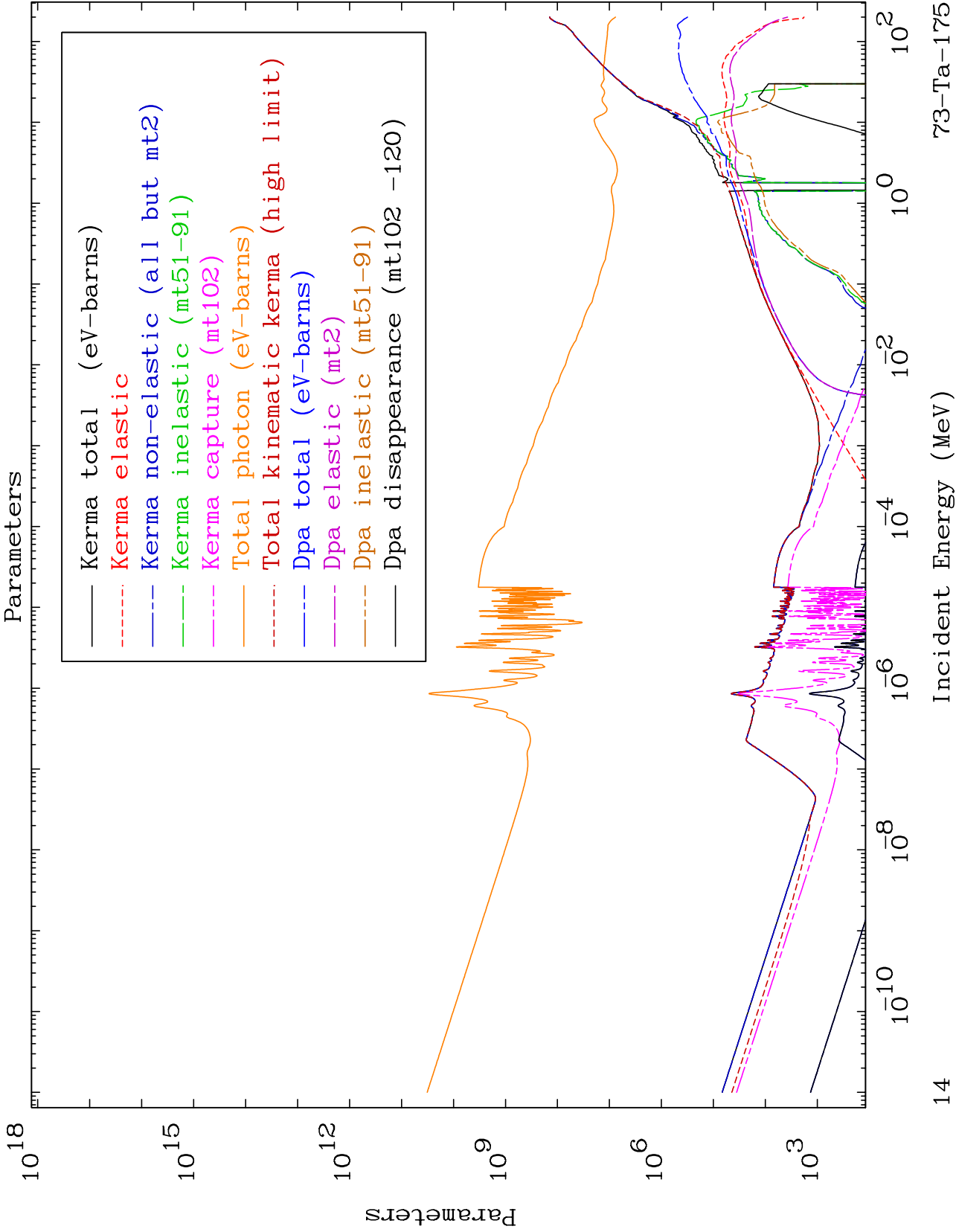
73-Ta-175

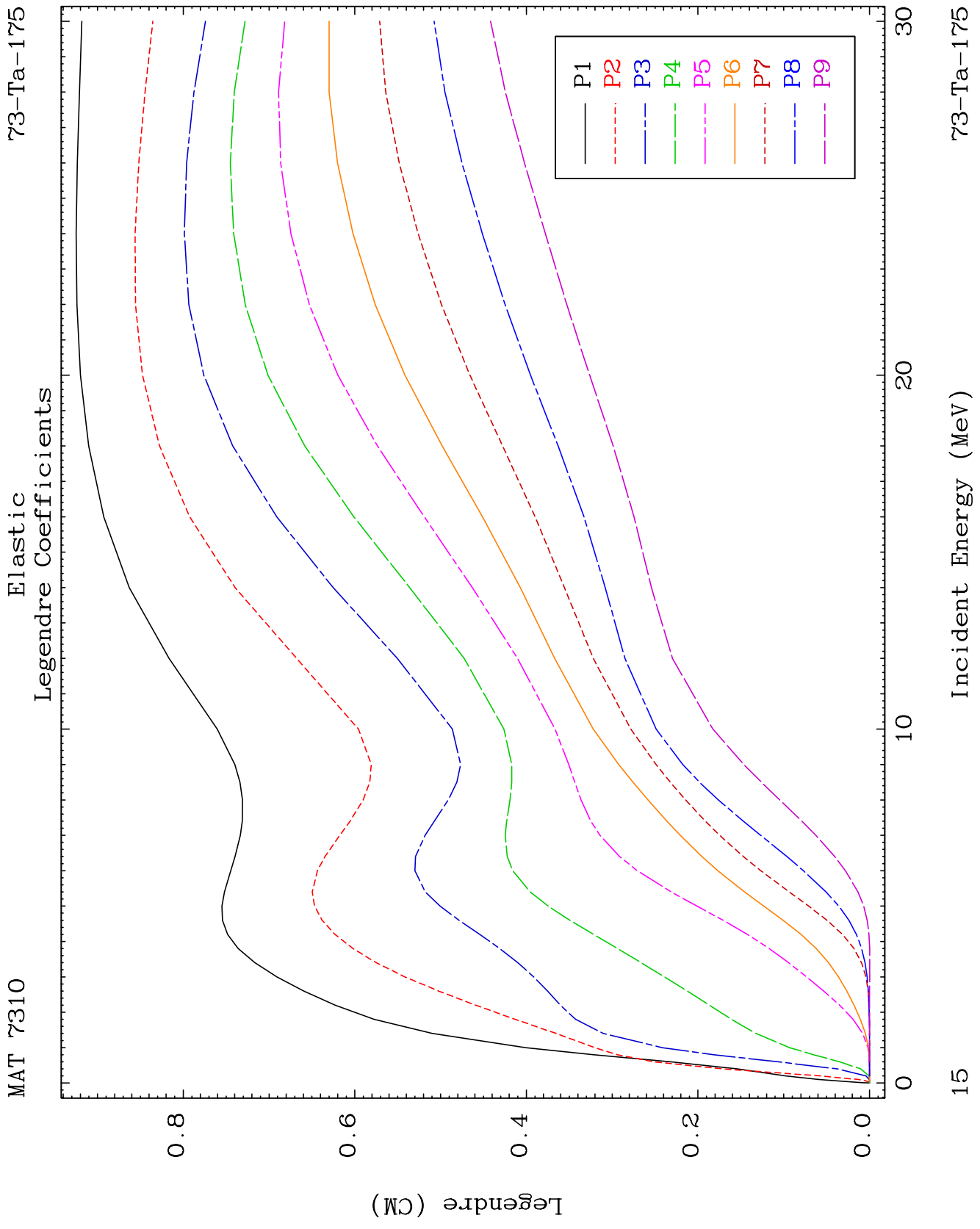


13

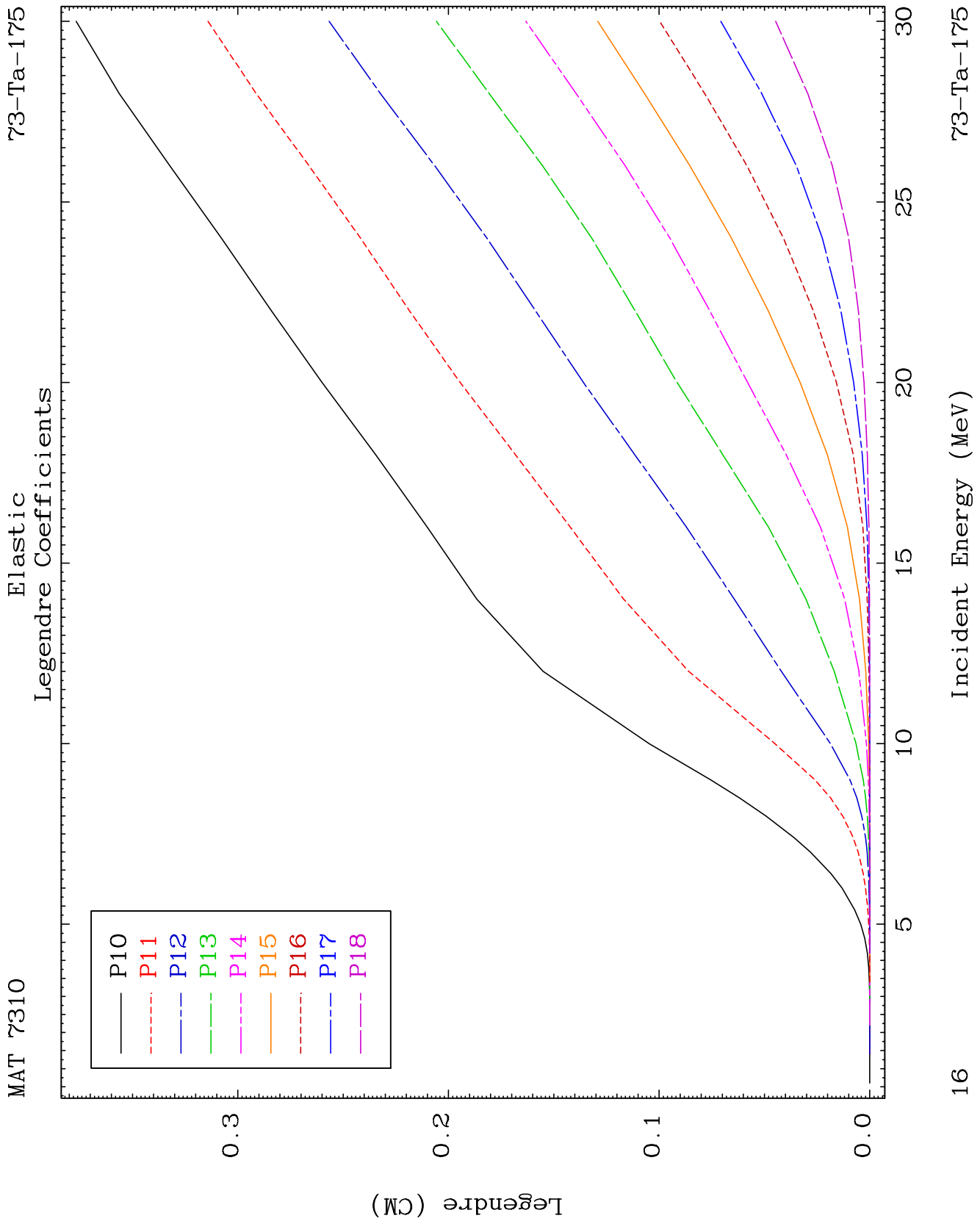
Incident Energy (MeV)

73-Ta-175



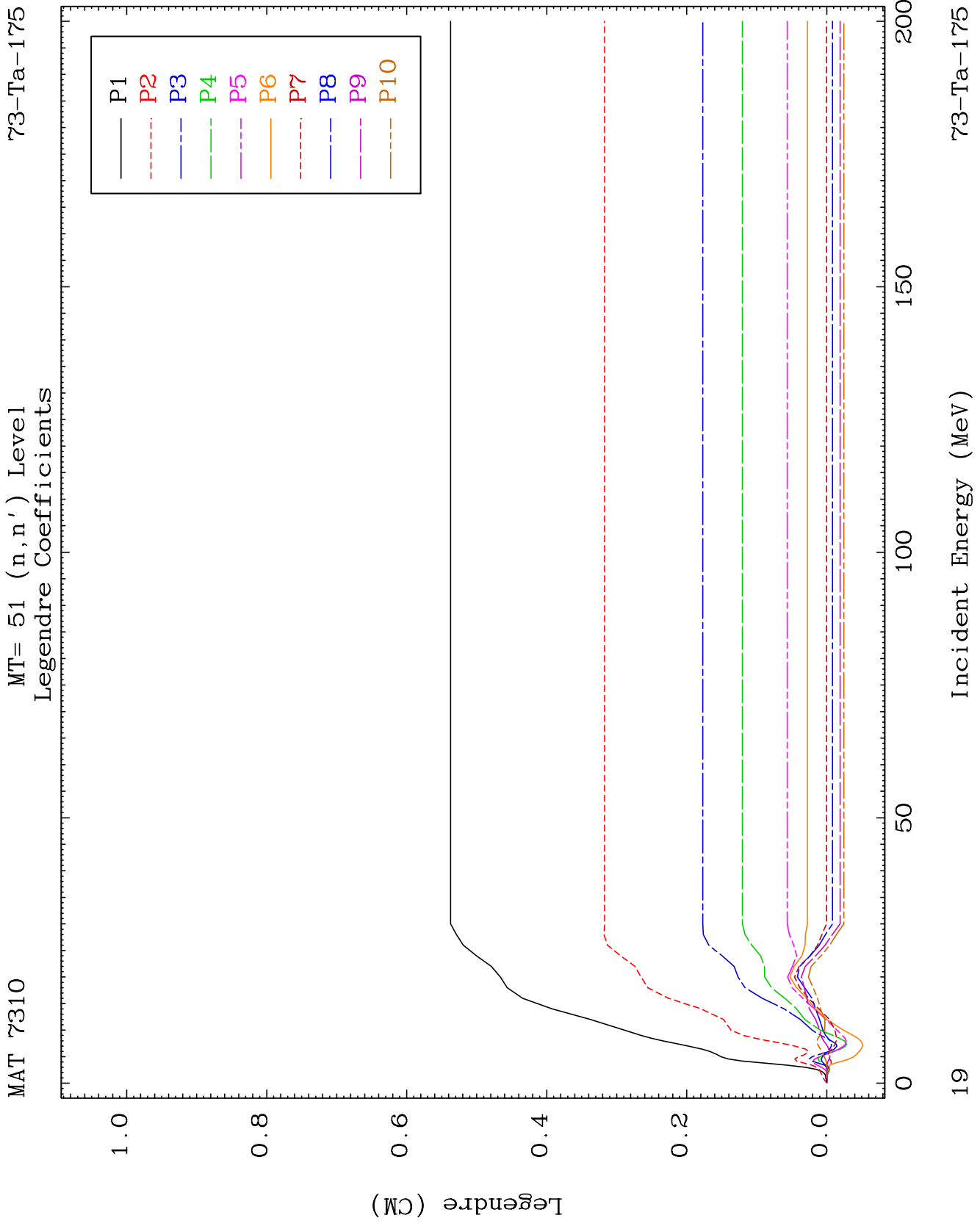


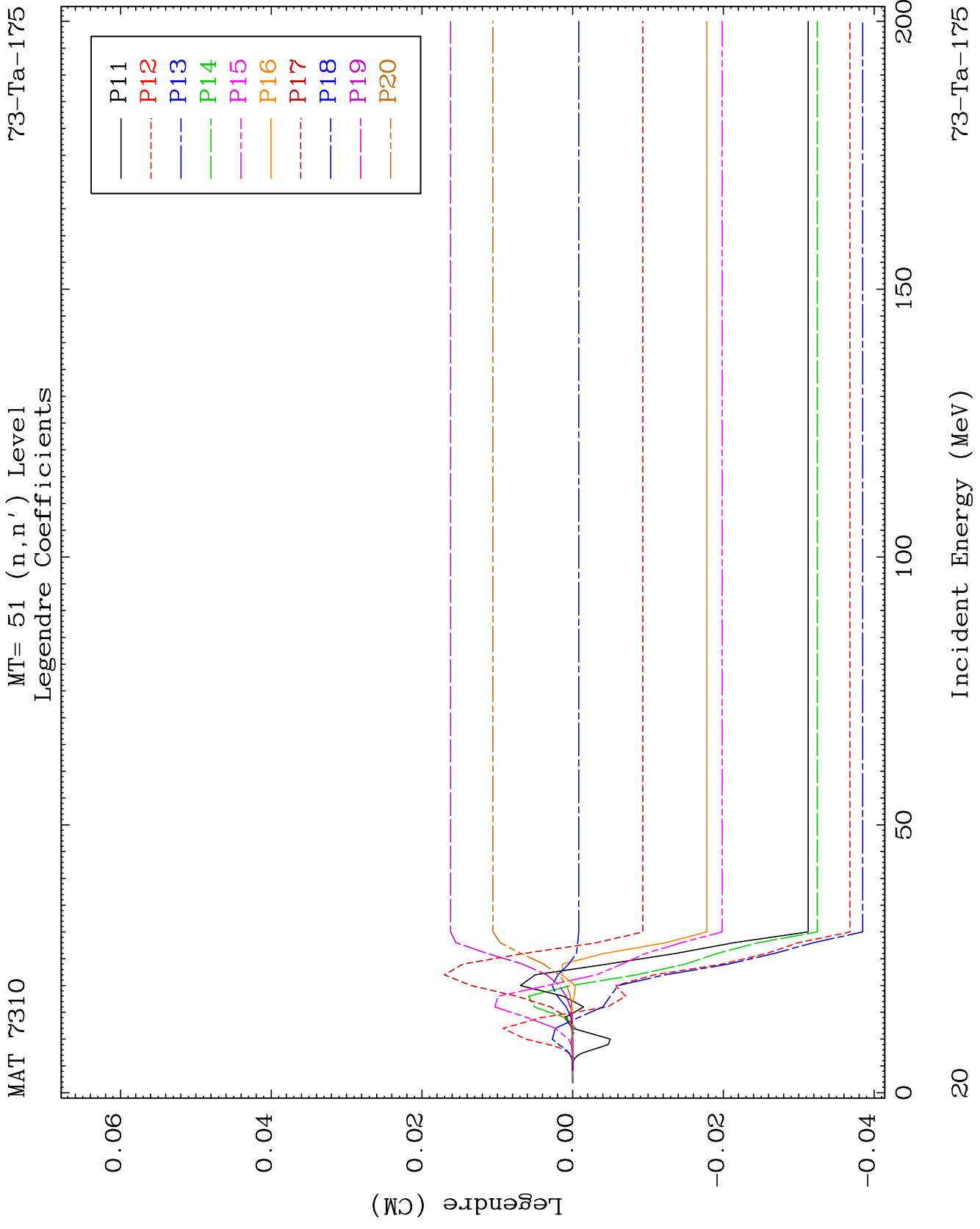








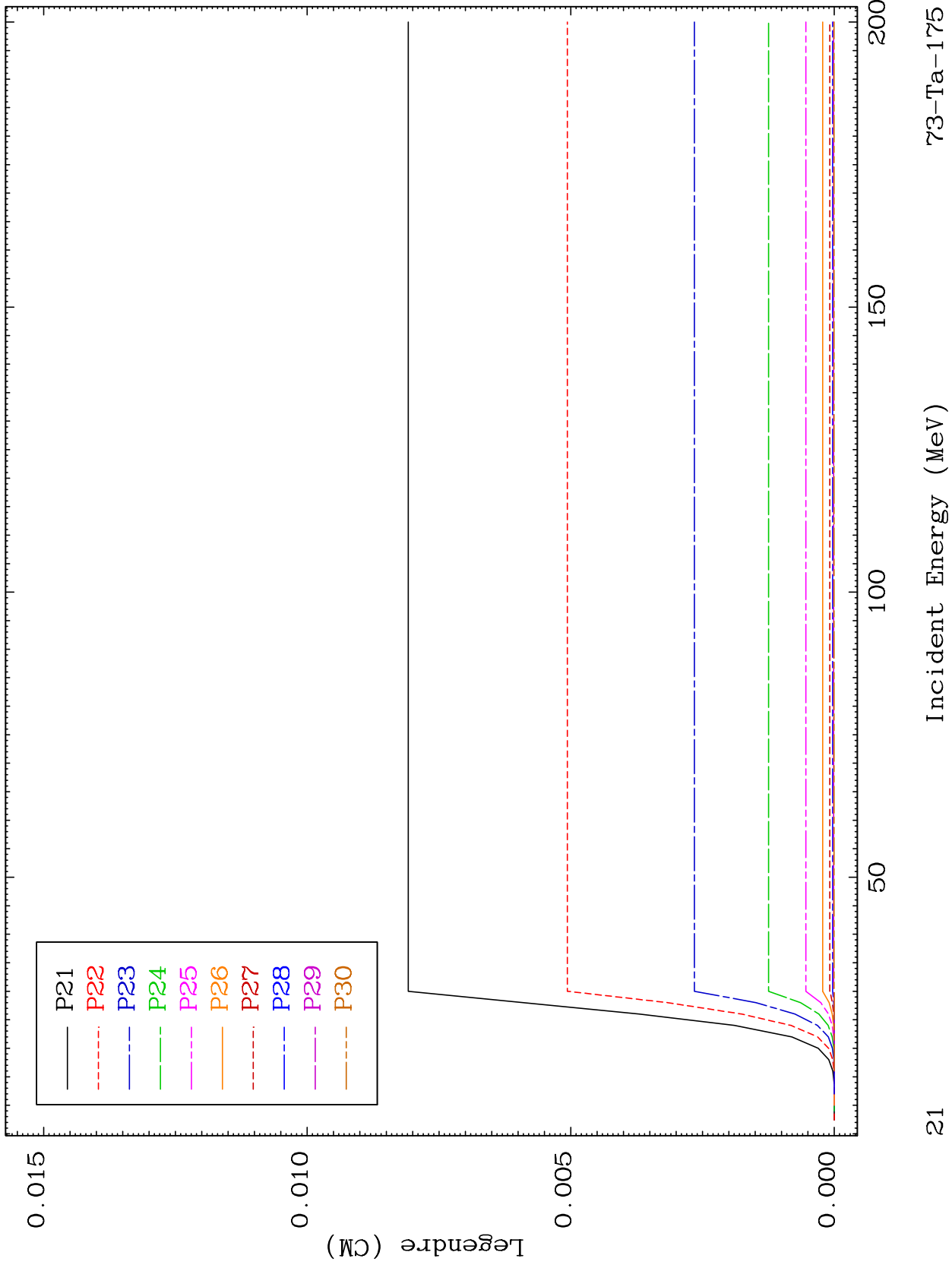


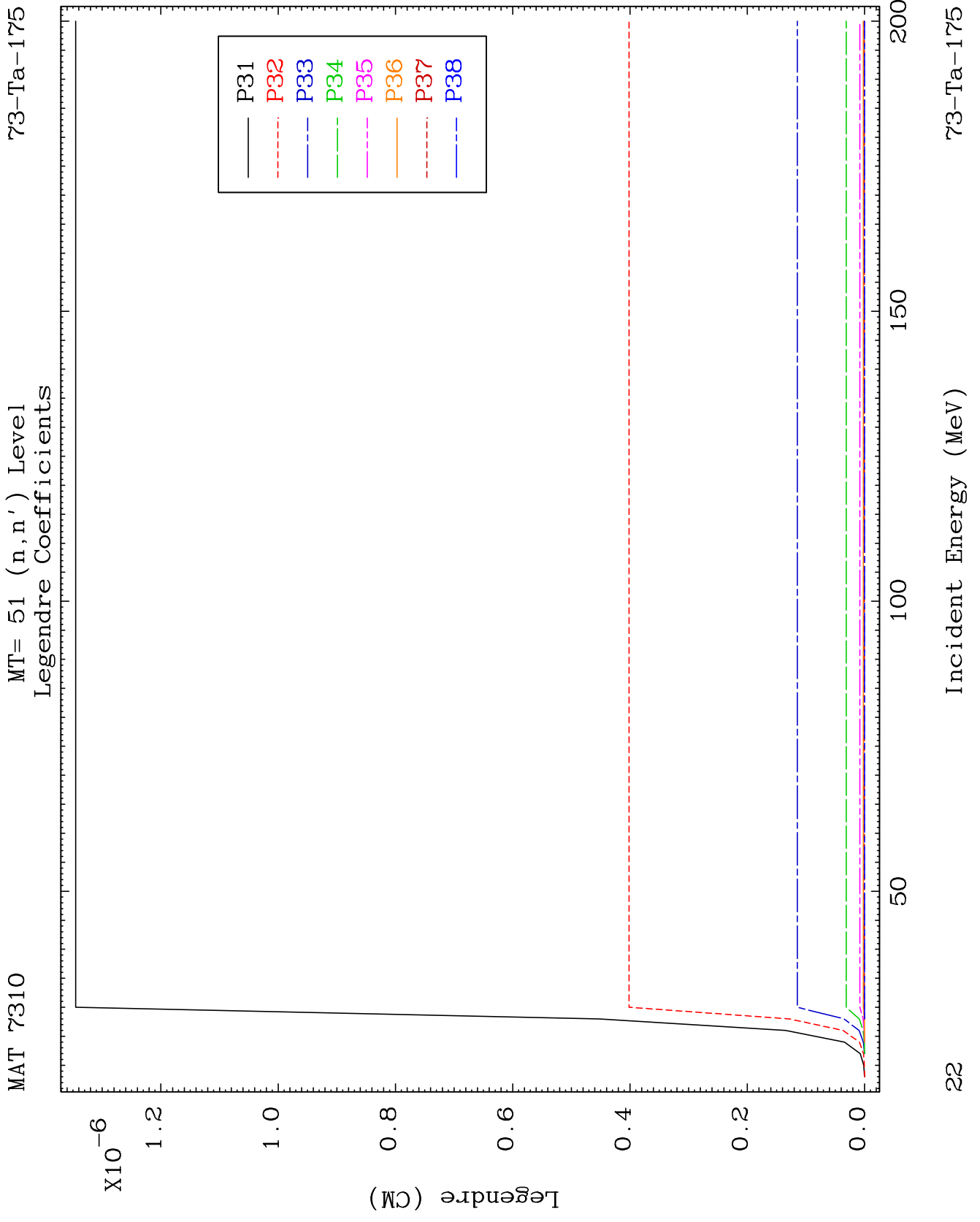


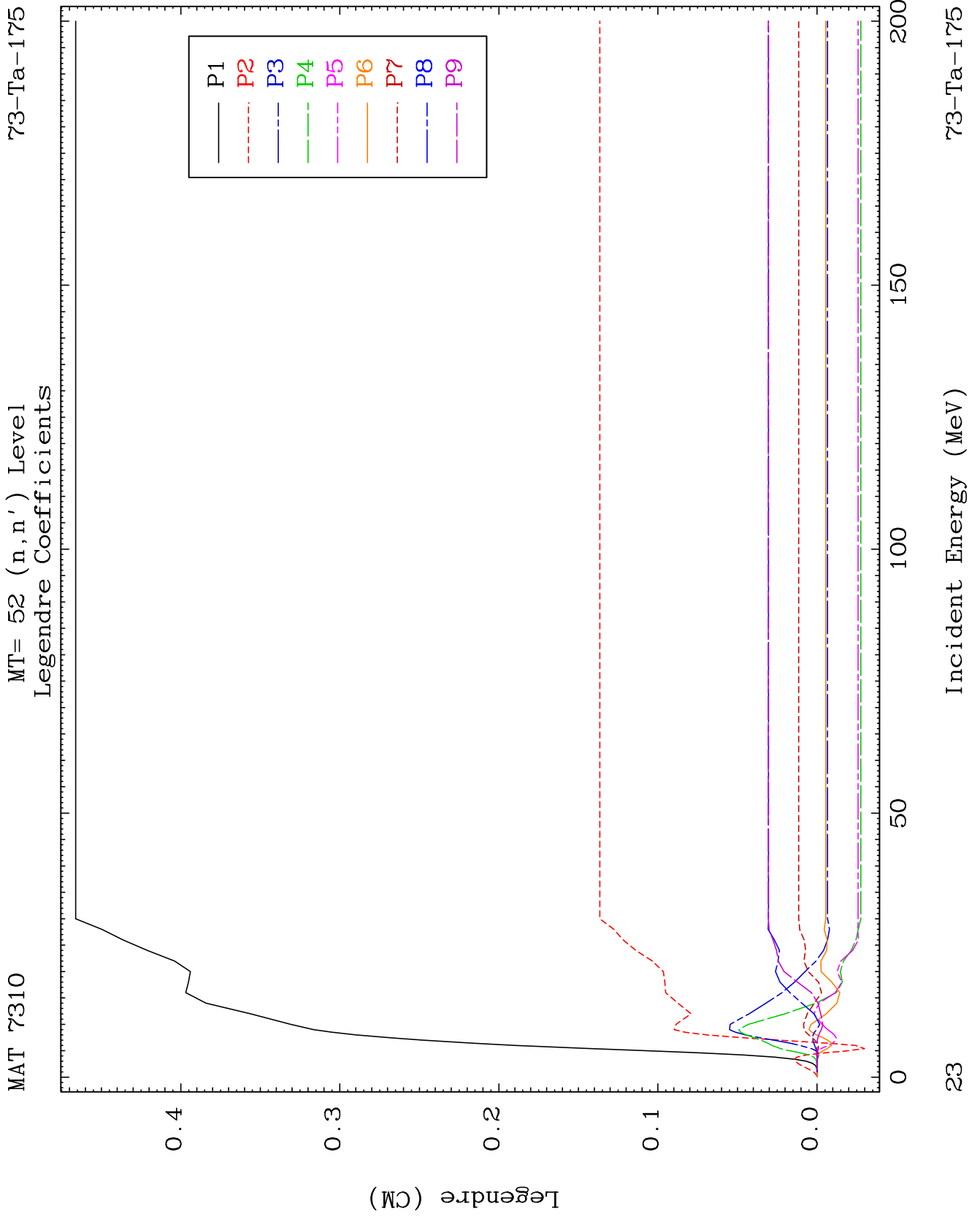
MAT 7310

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

<sup>73</sup>Ta-175







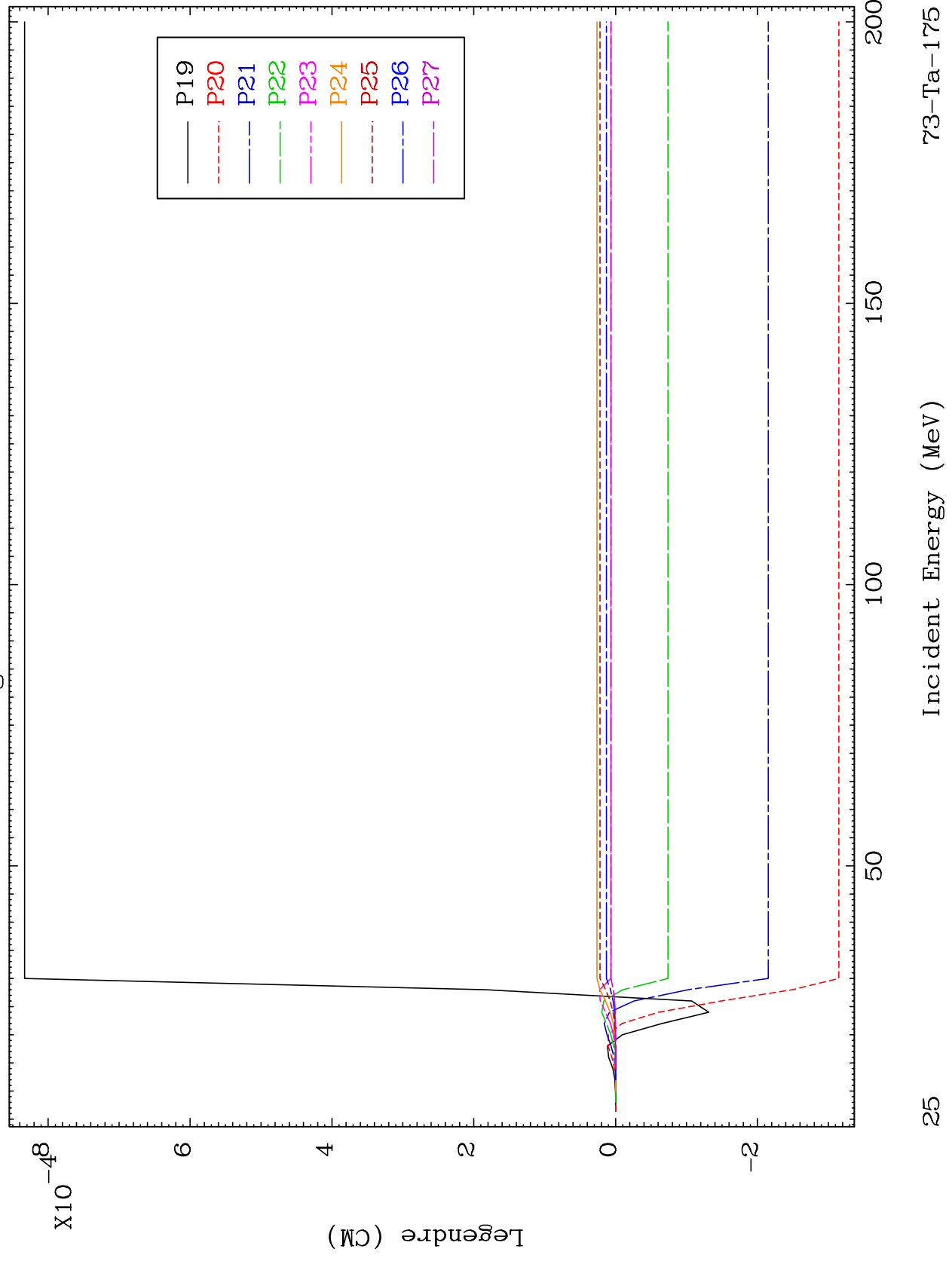




MAT 7310

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

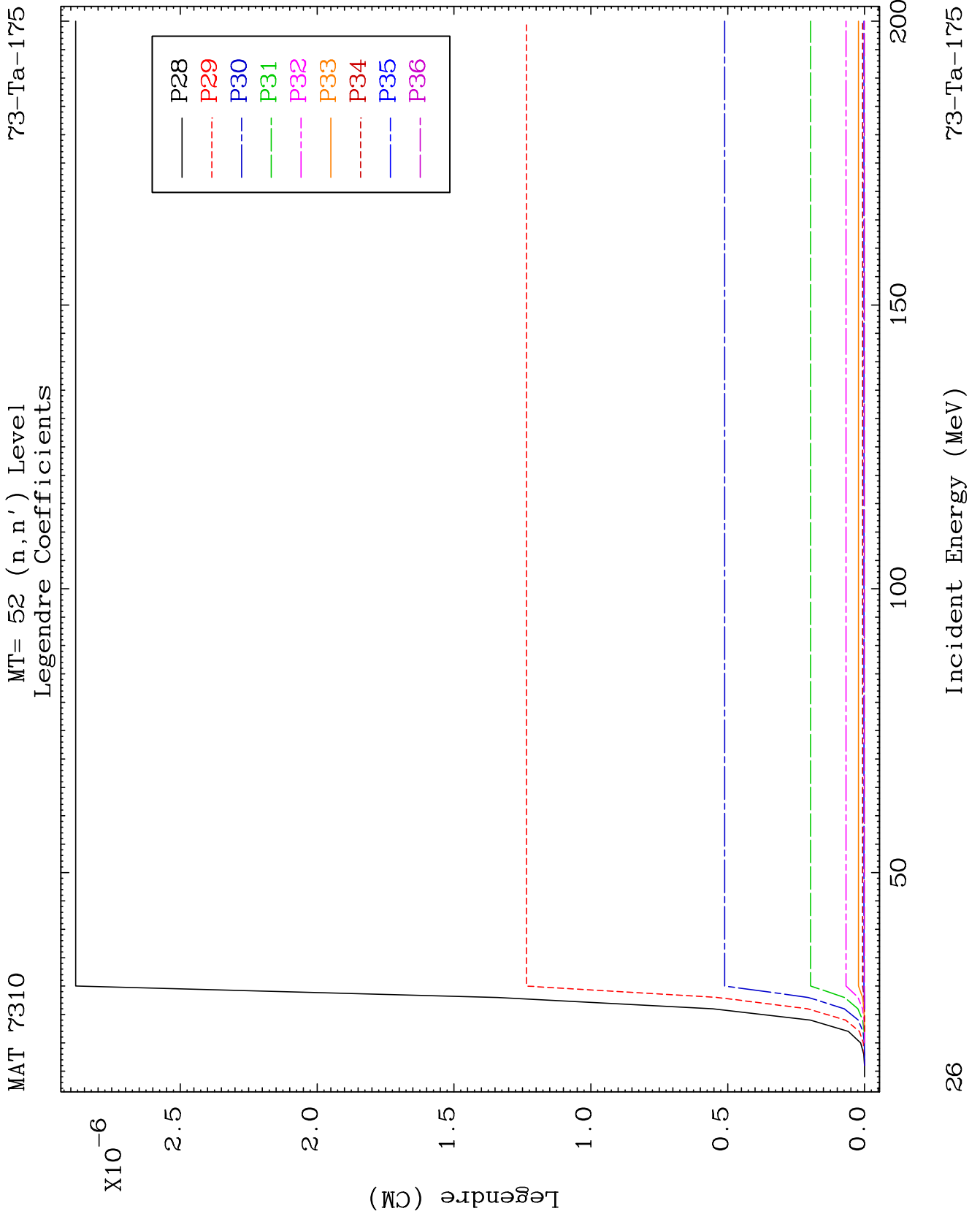
73-Ta-175

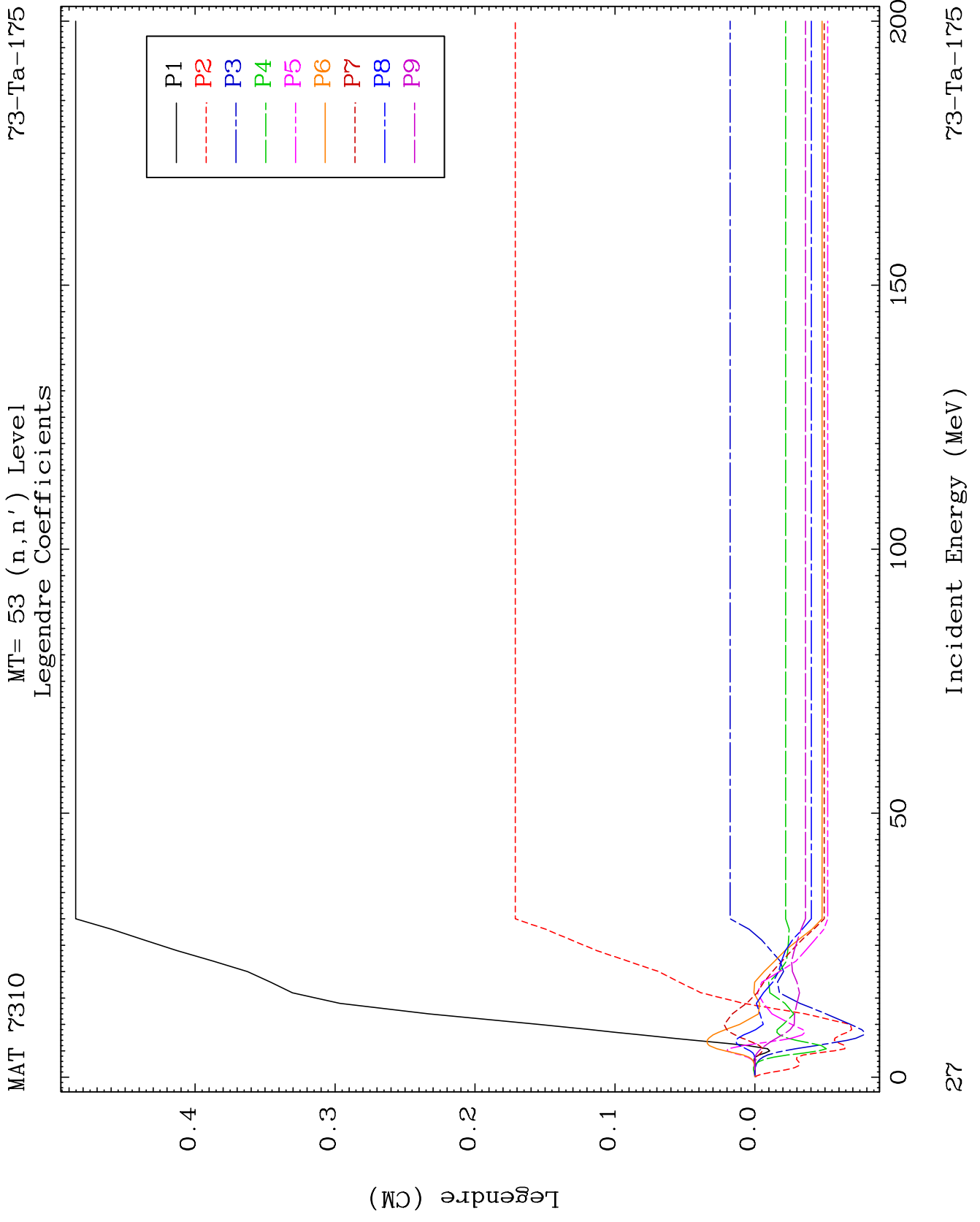


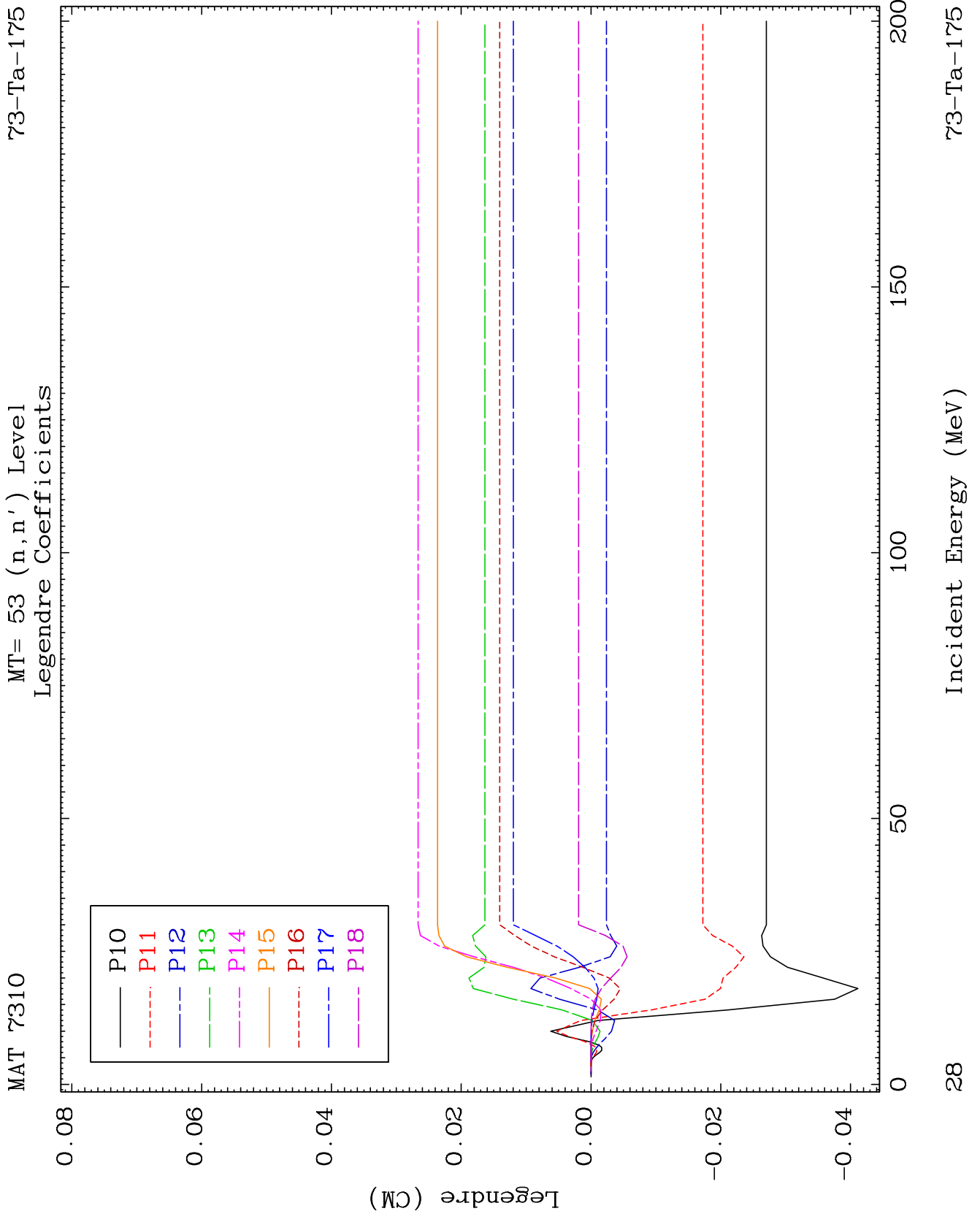
25

Incident Energy (MeV)

73-Ta-175



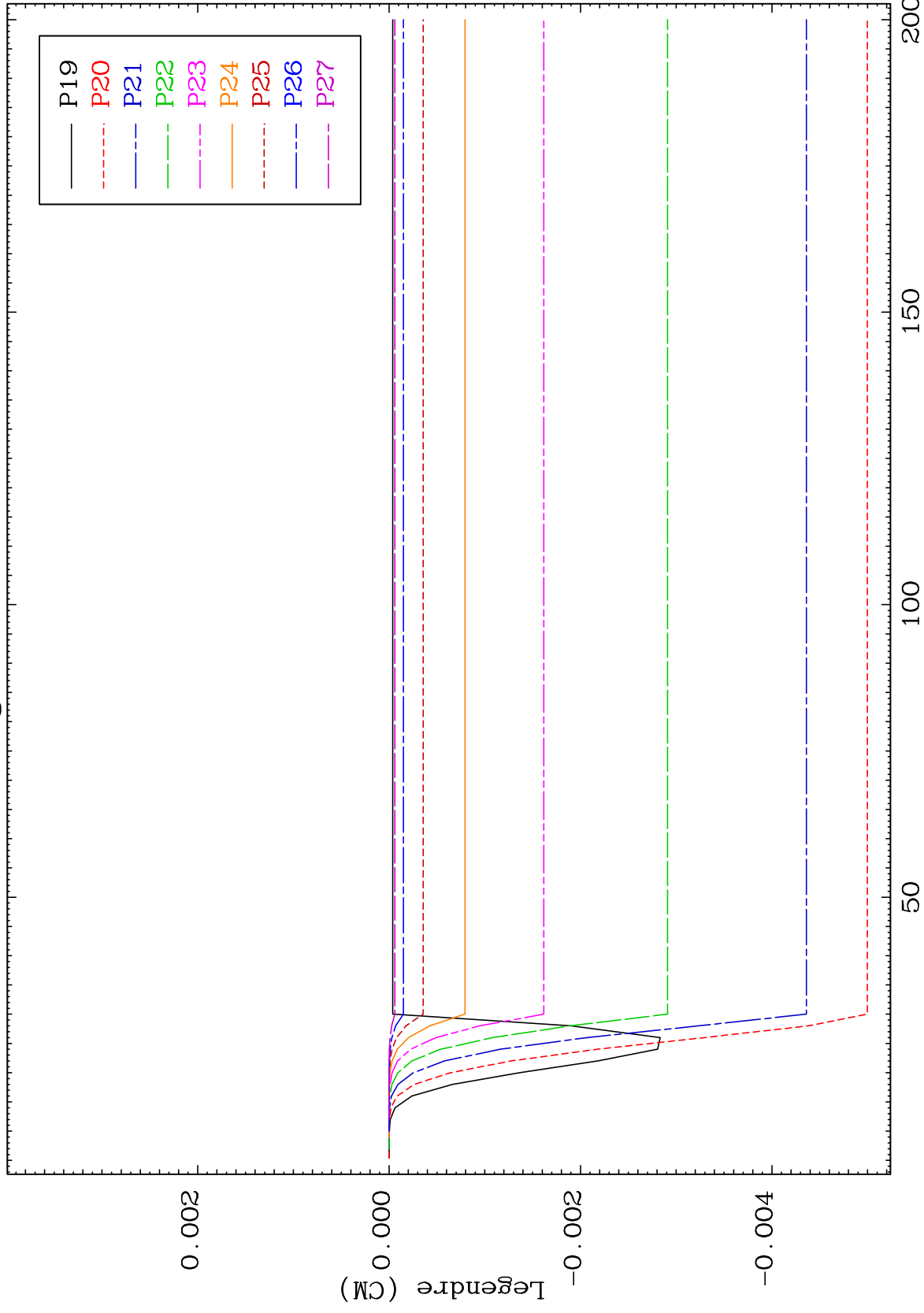




MAT 7310

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

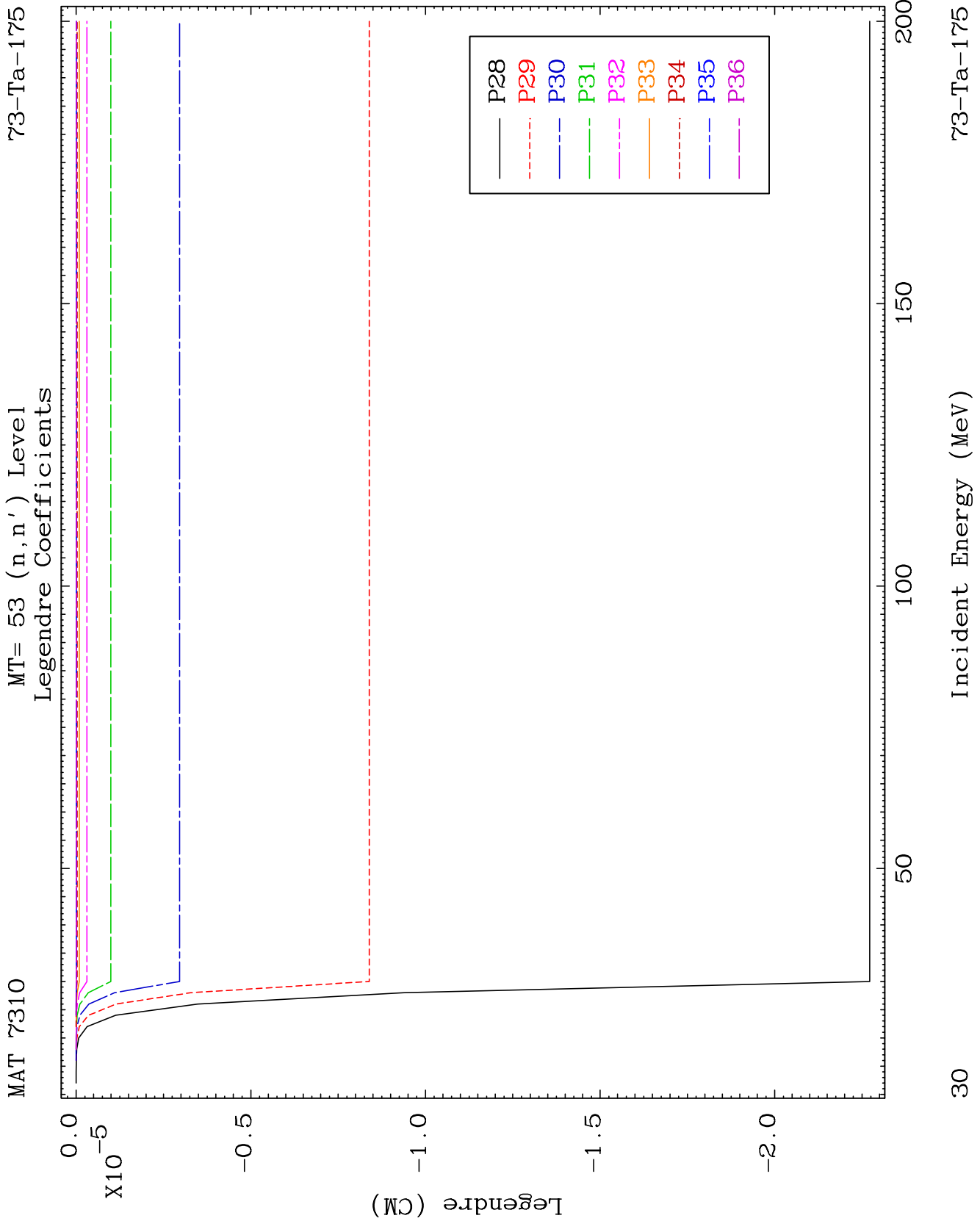
73-Ta-175

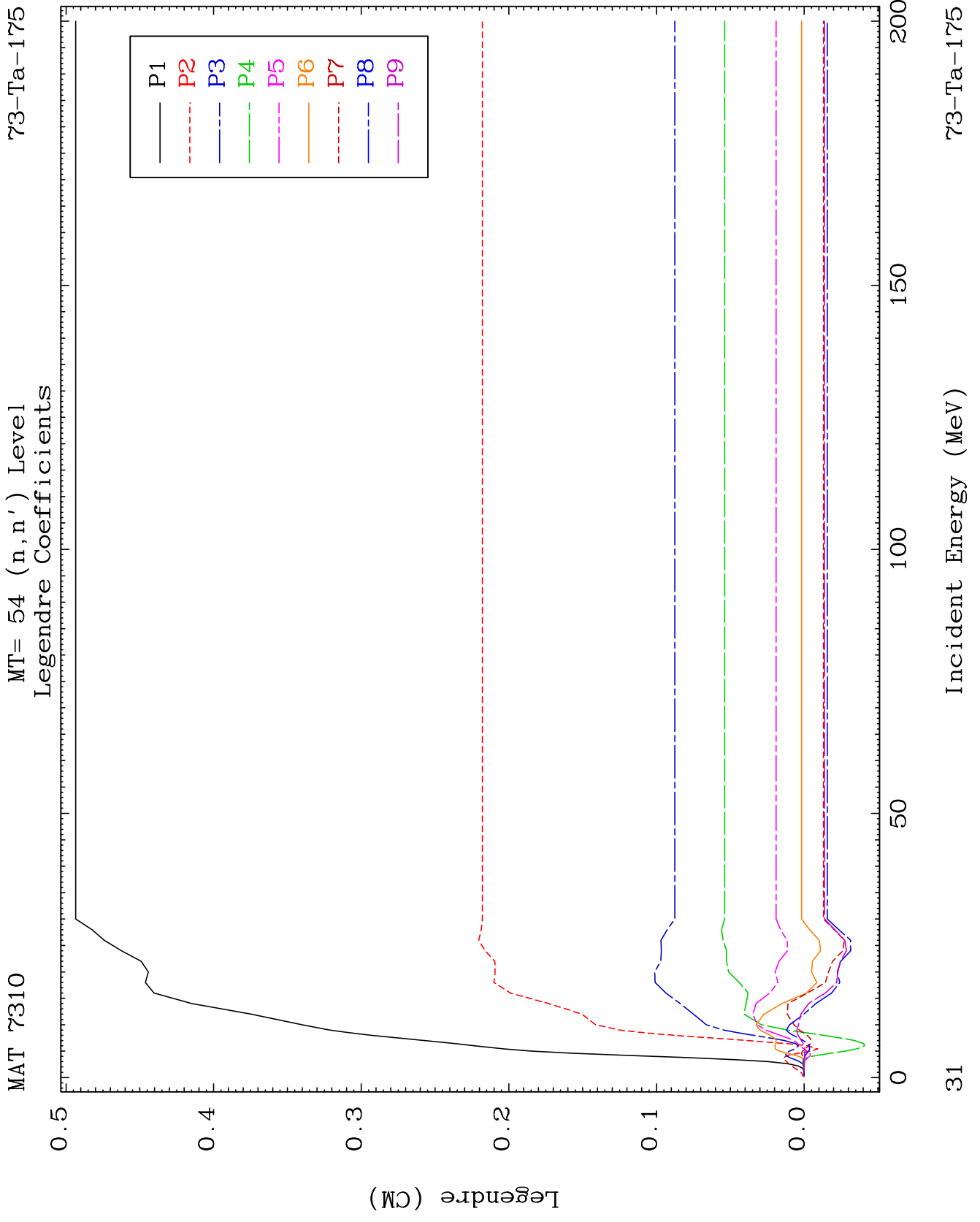


29

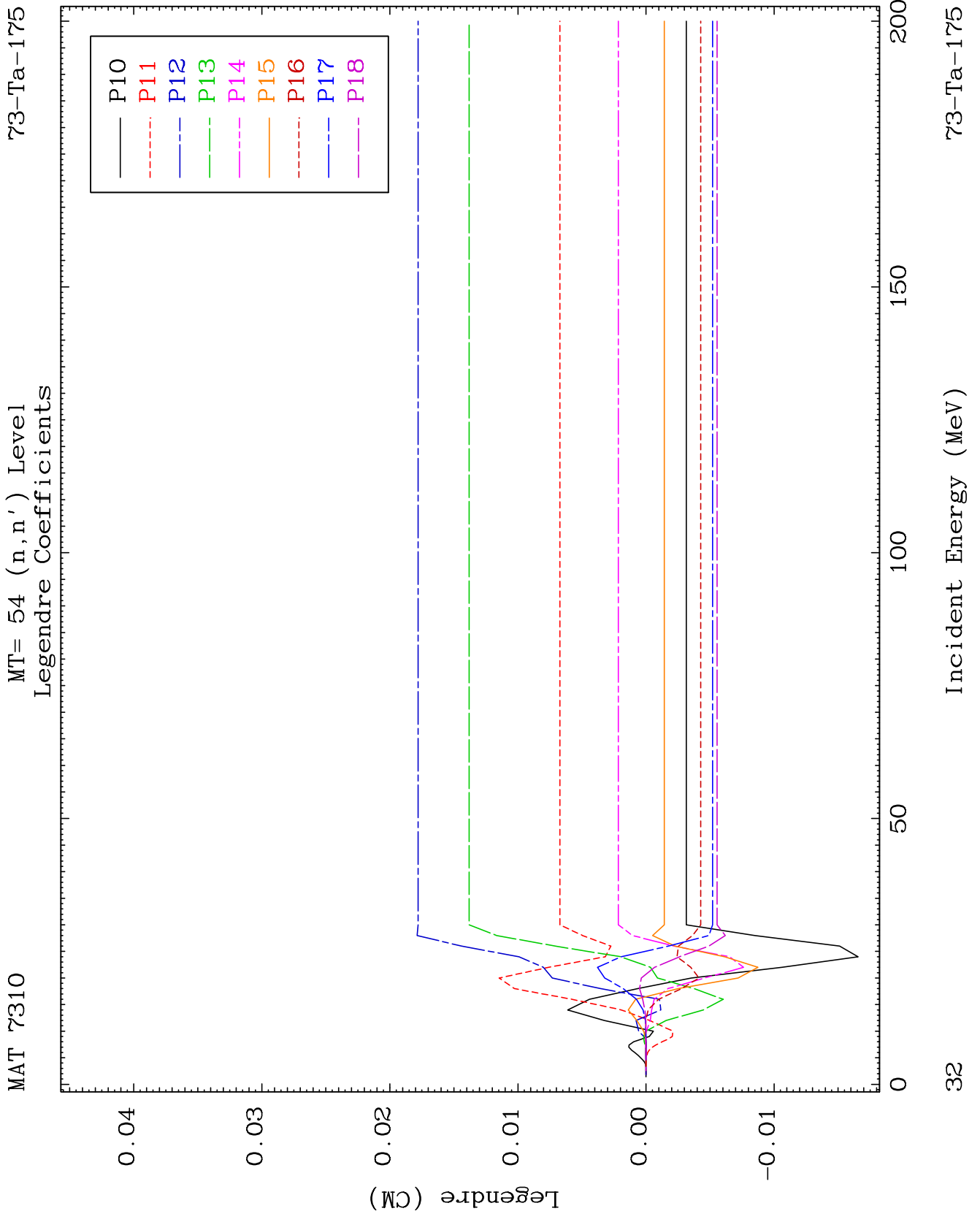
Incident Energy (MeV)

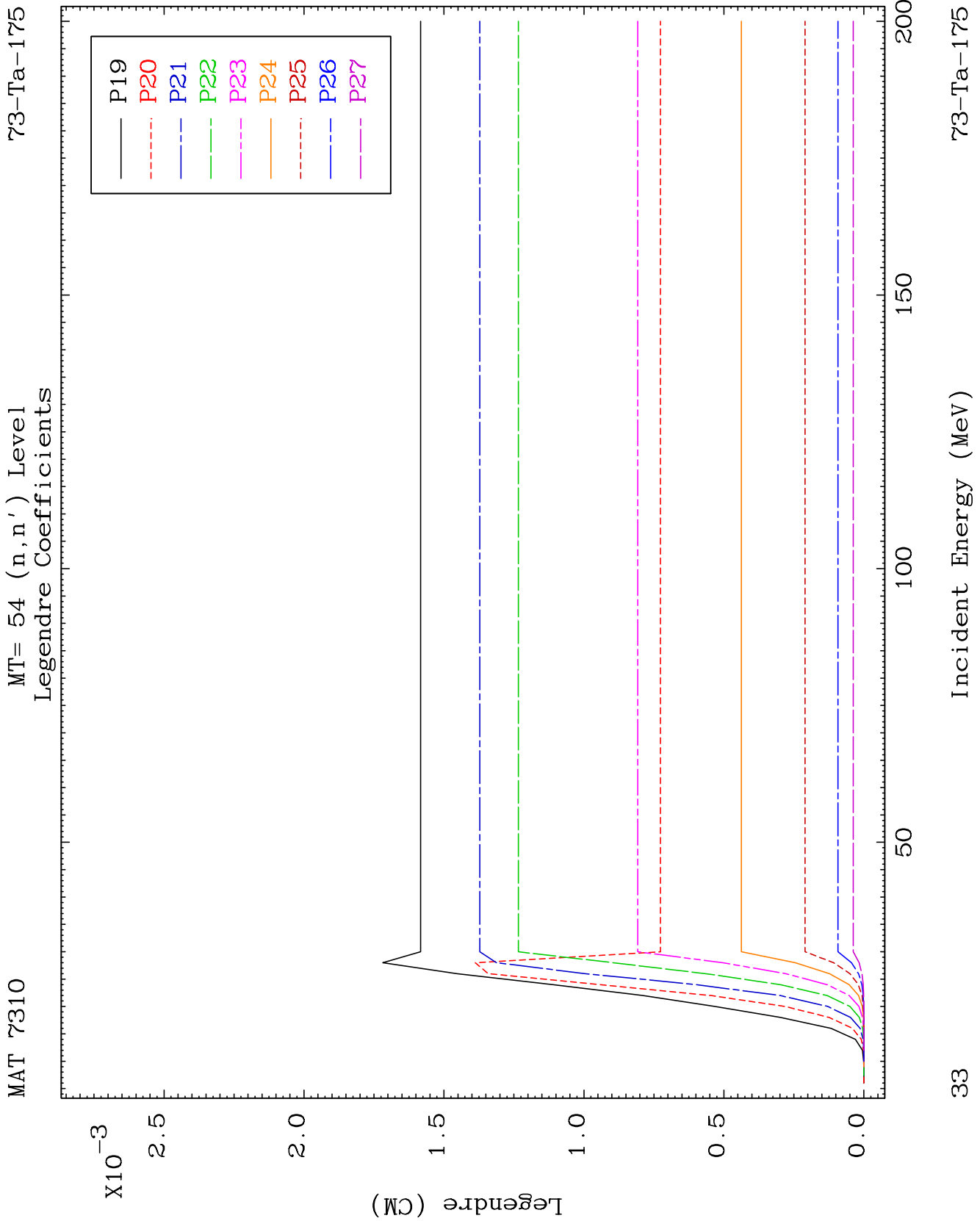
73-Ta-175

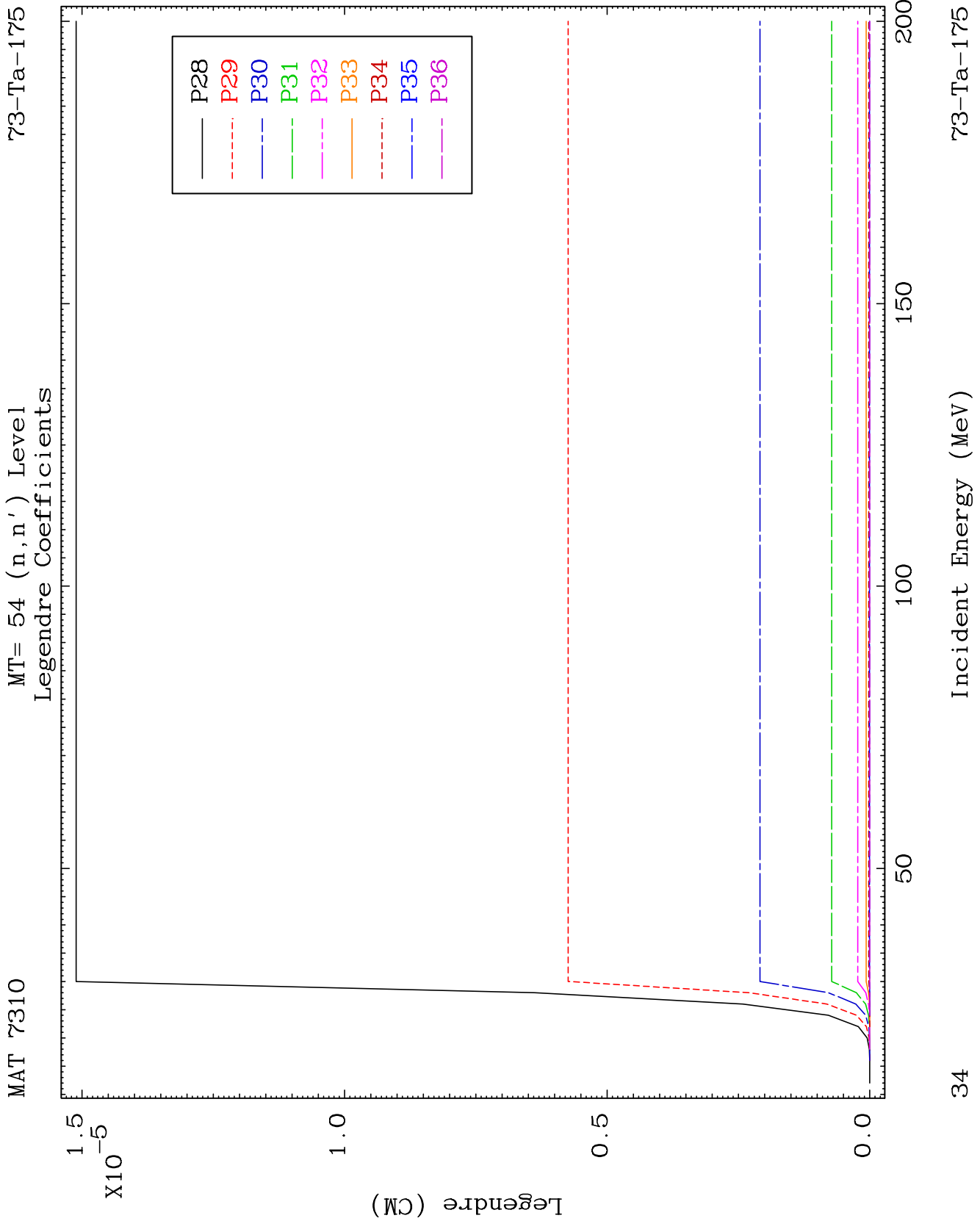




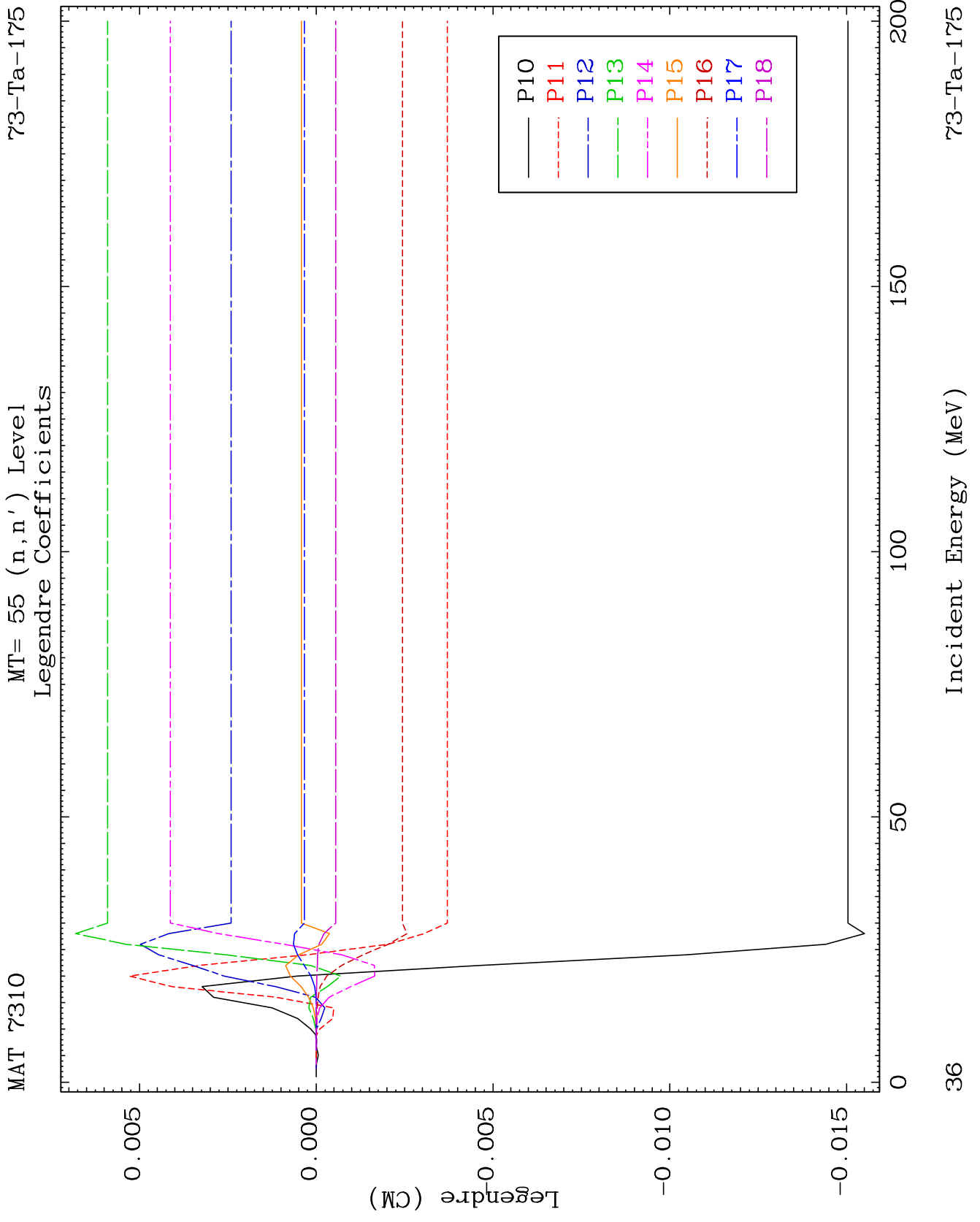


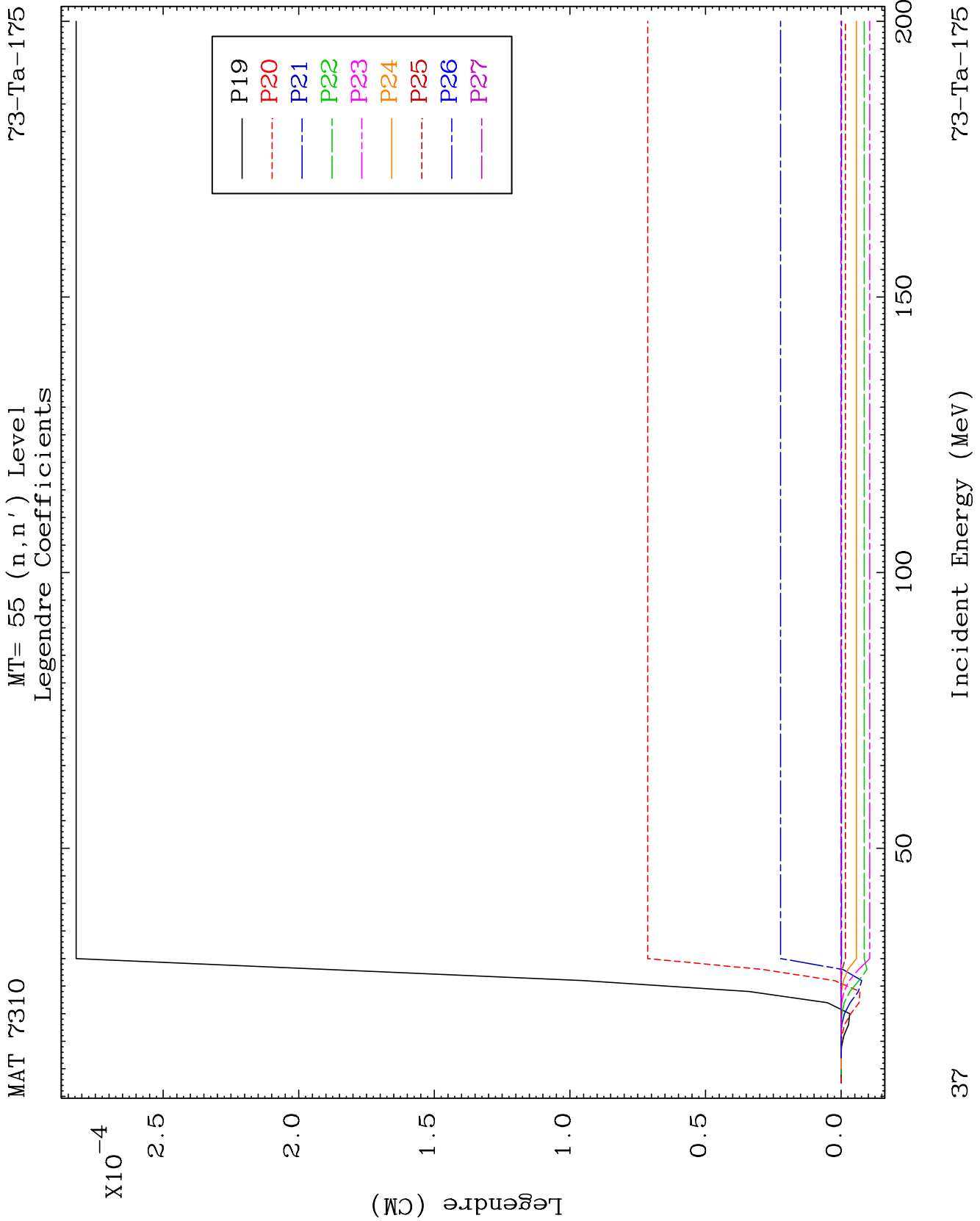


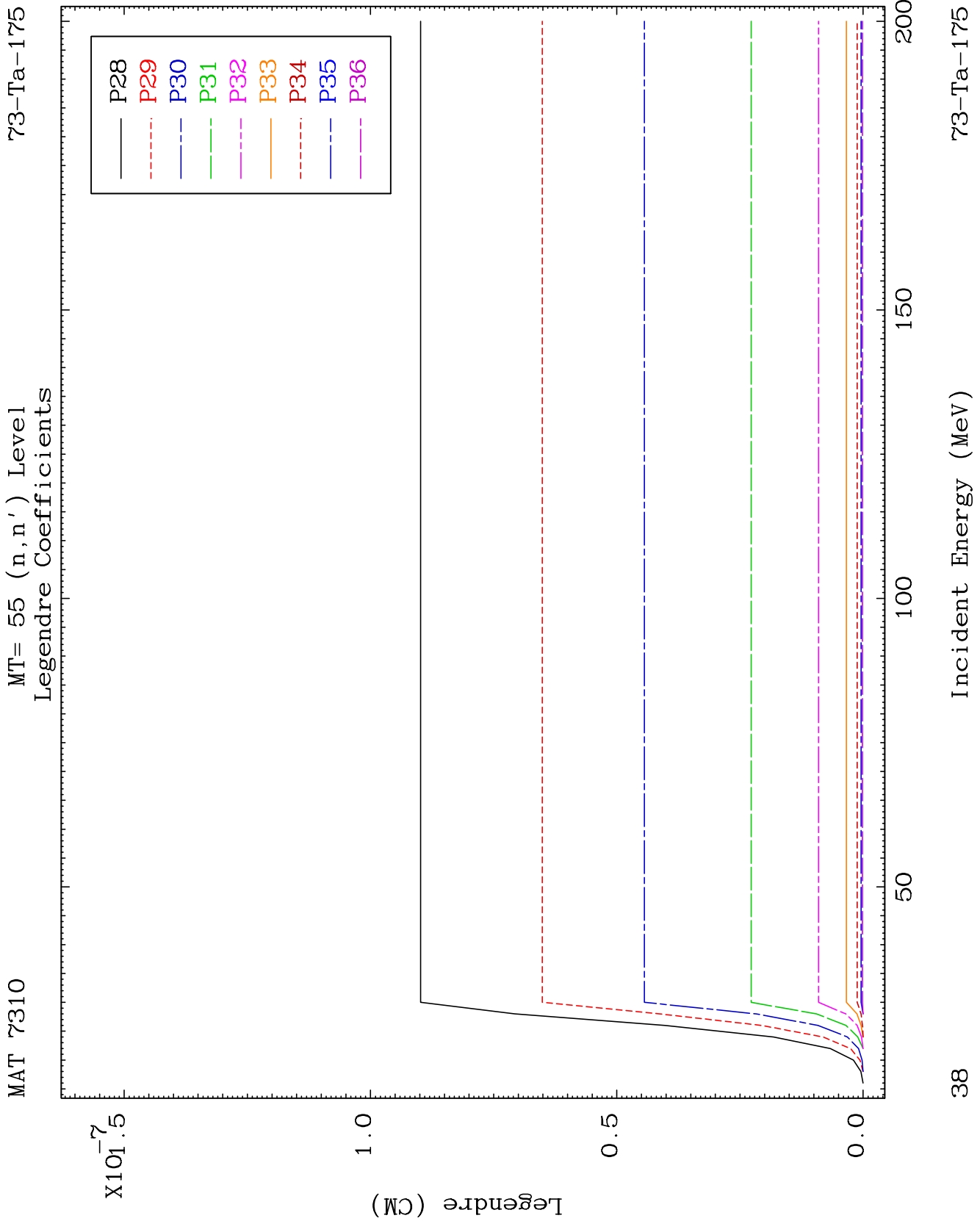


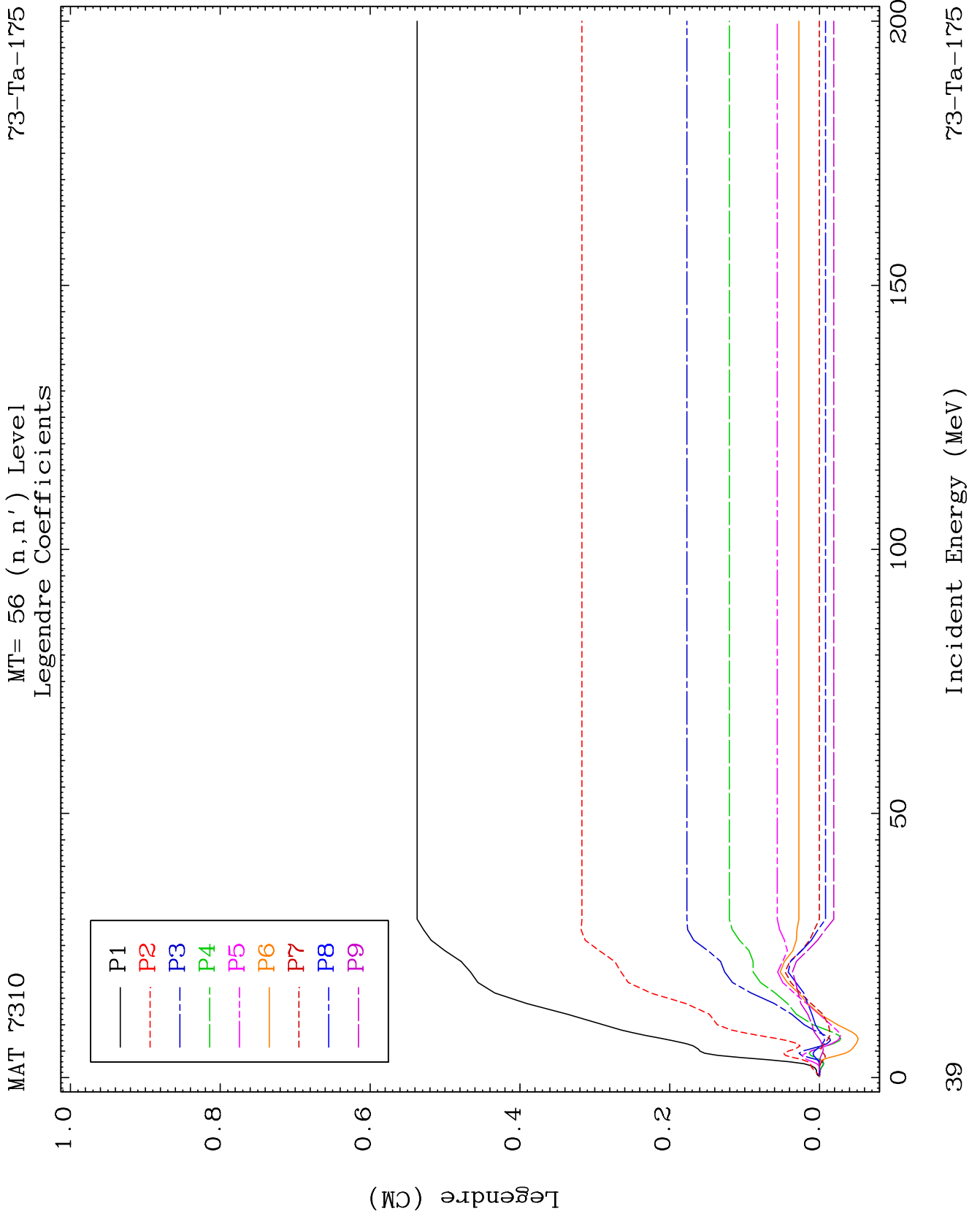




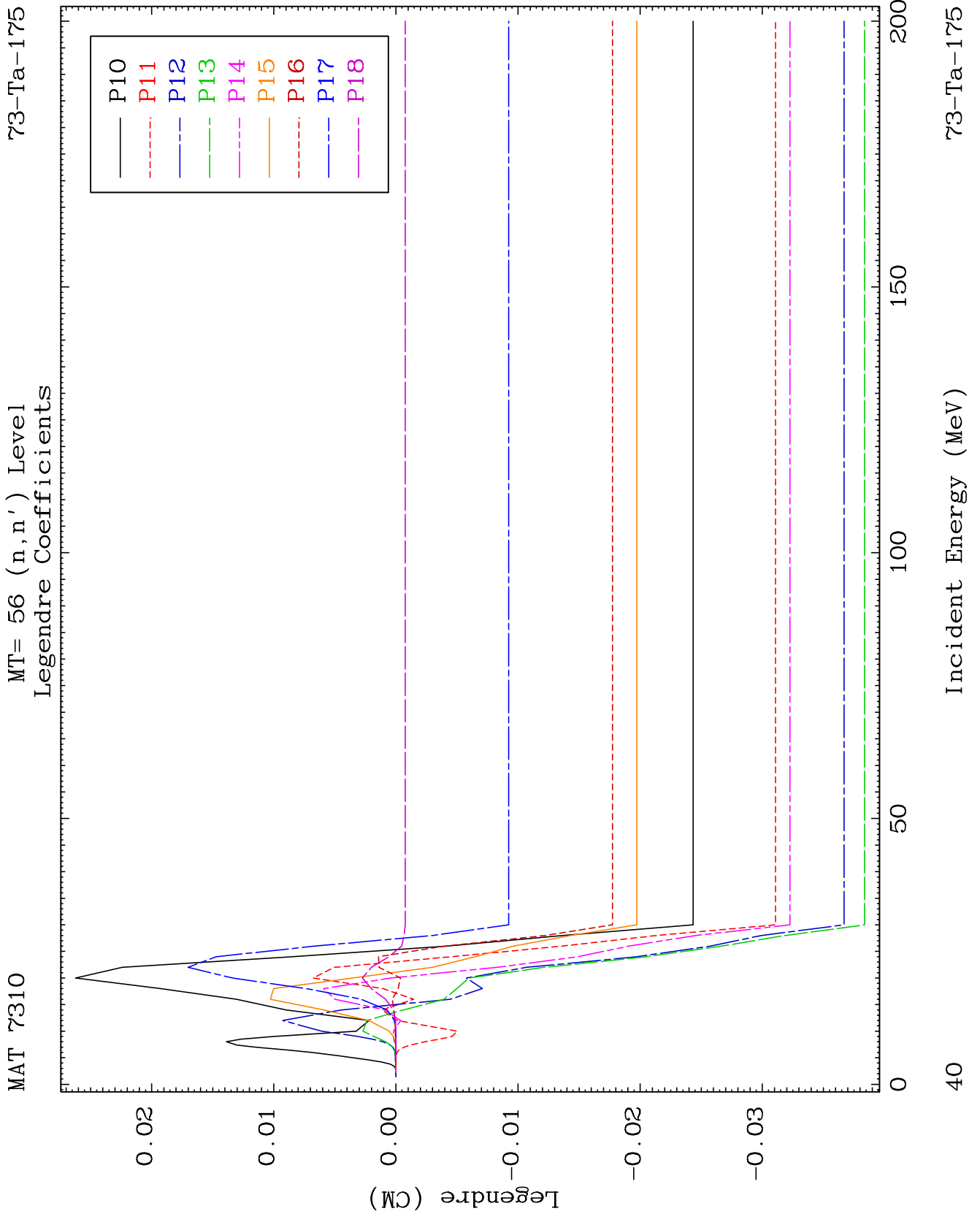








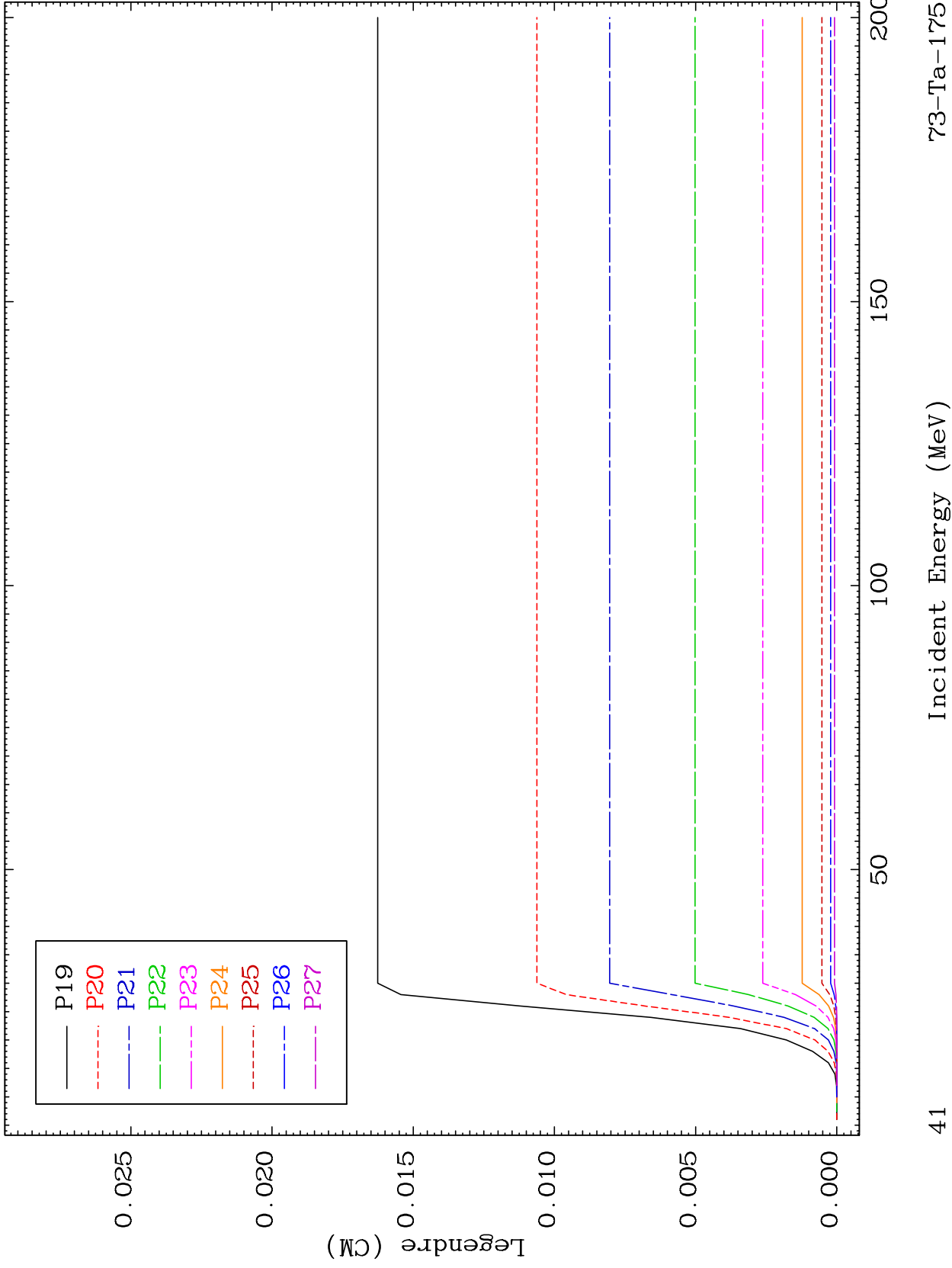




MAT 7310

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

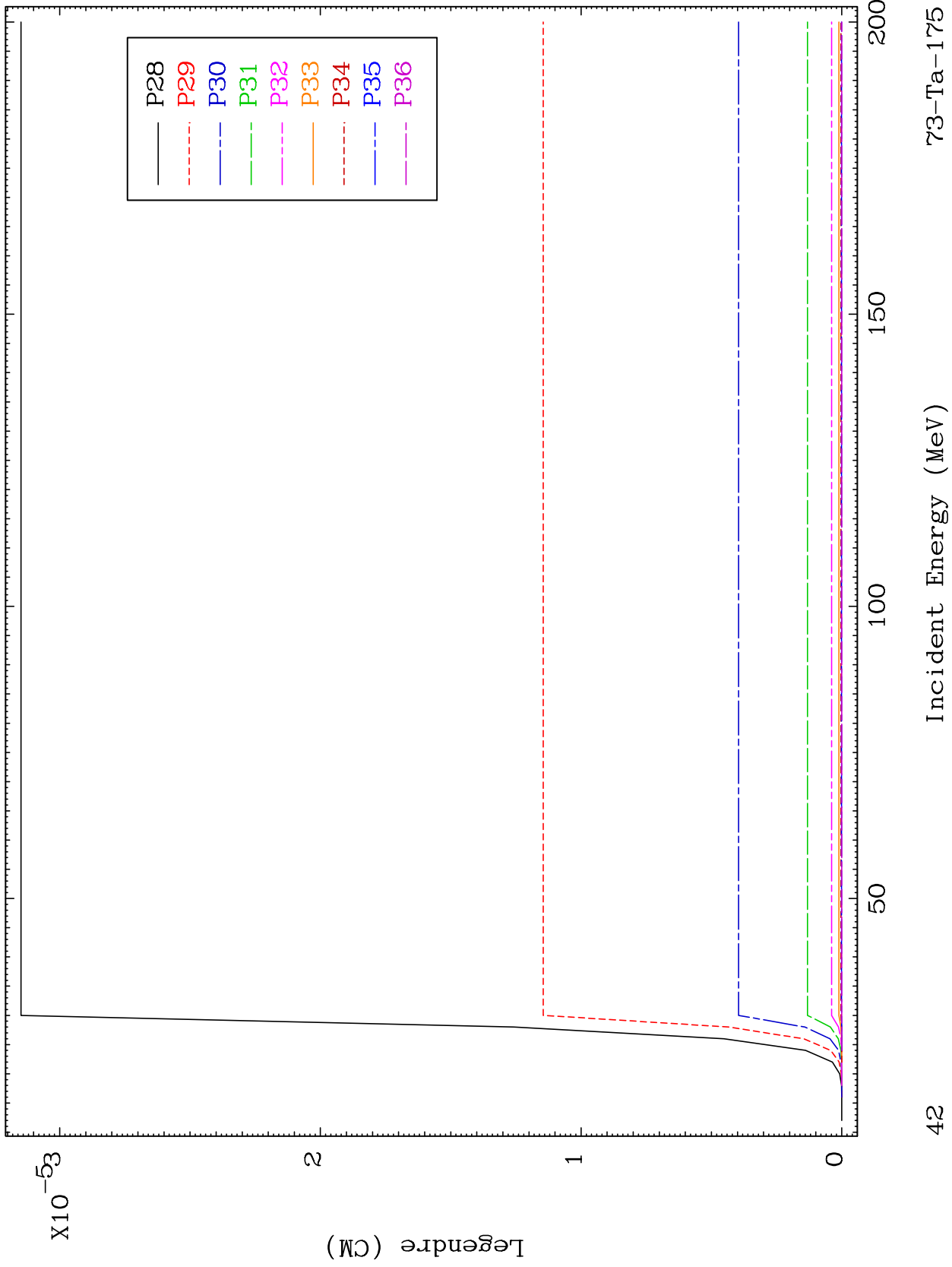
73-Ta-175



MAT 7310

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

73-Ta-175

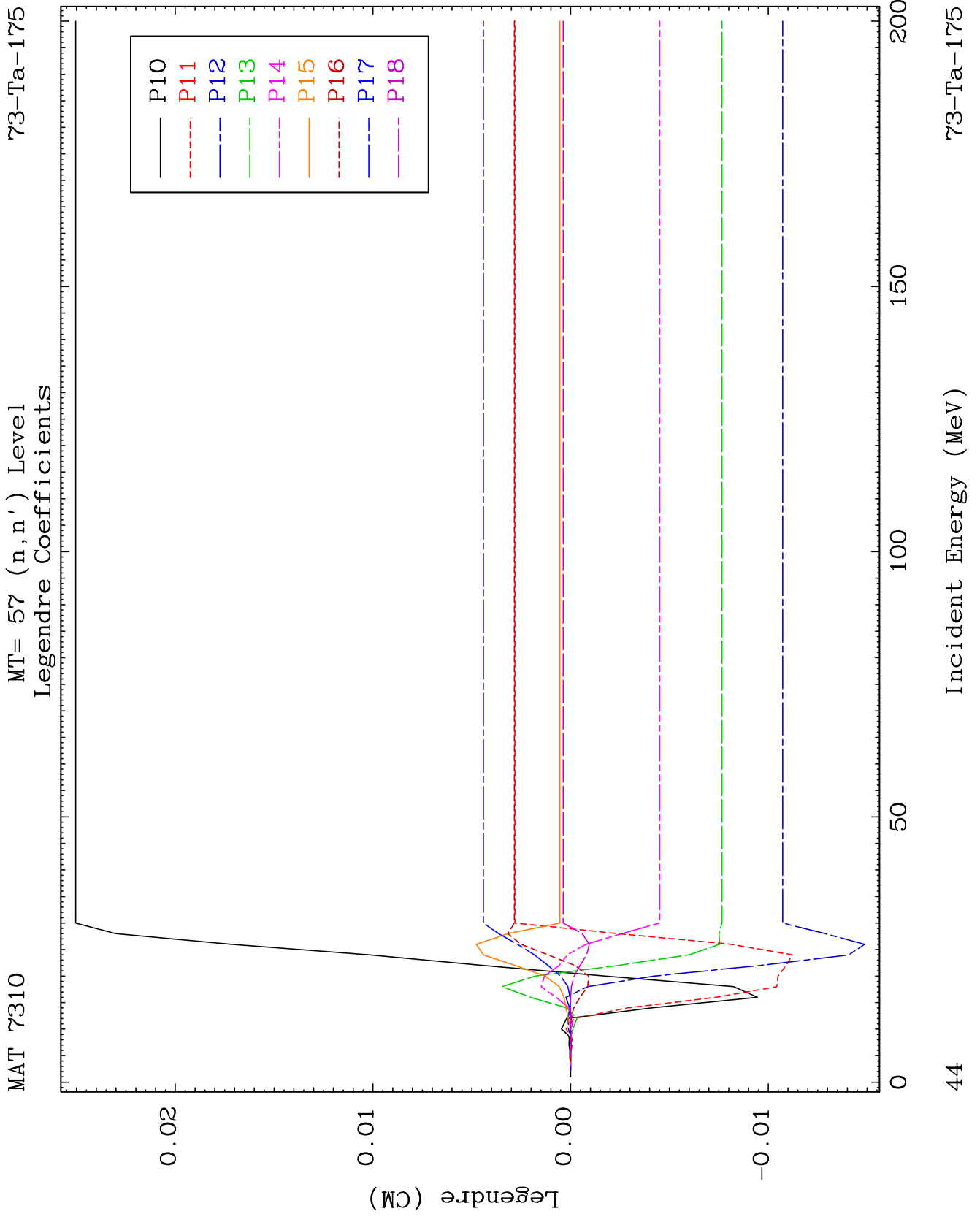


42

Incident Energy (MeV)

73-Ta-175

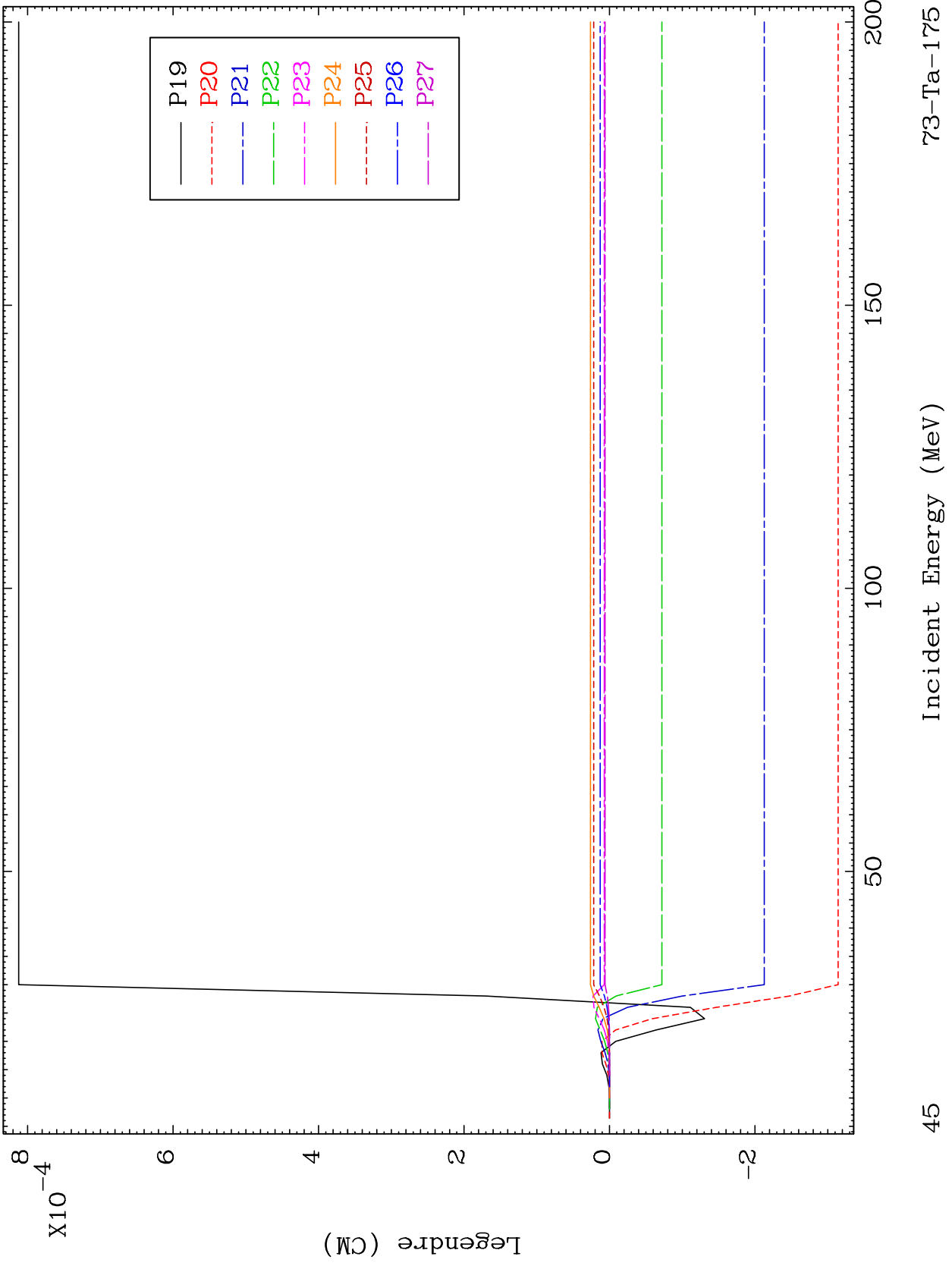




MAT 7310

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

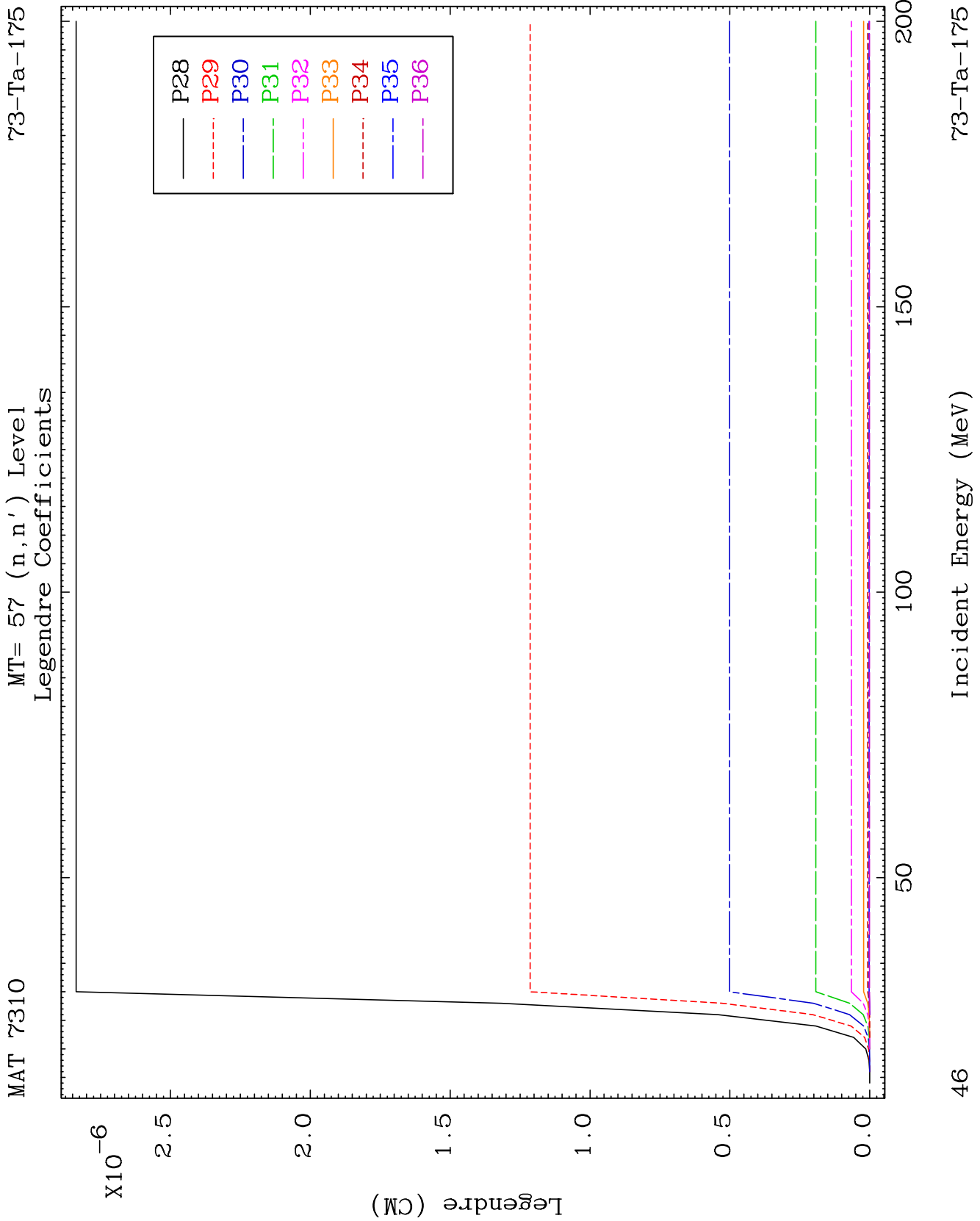
73-Ta-175



45

Incident Energy (MeV)

73-Ta-175





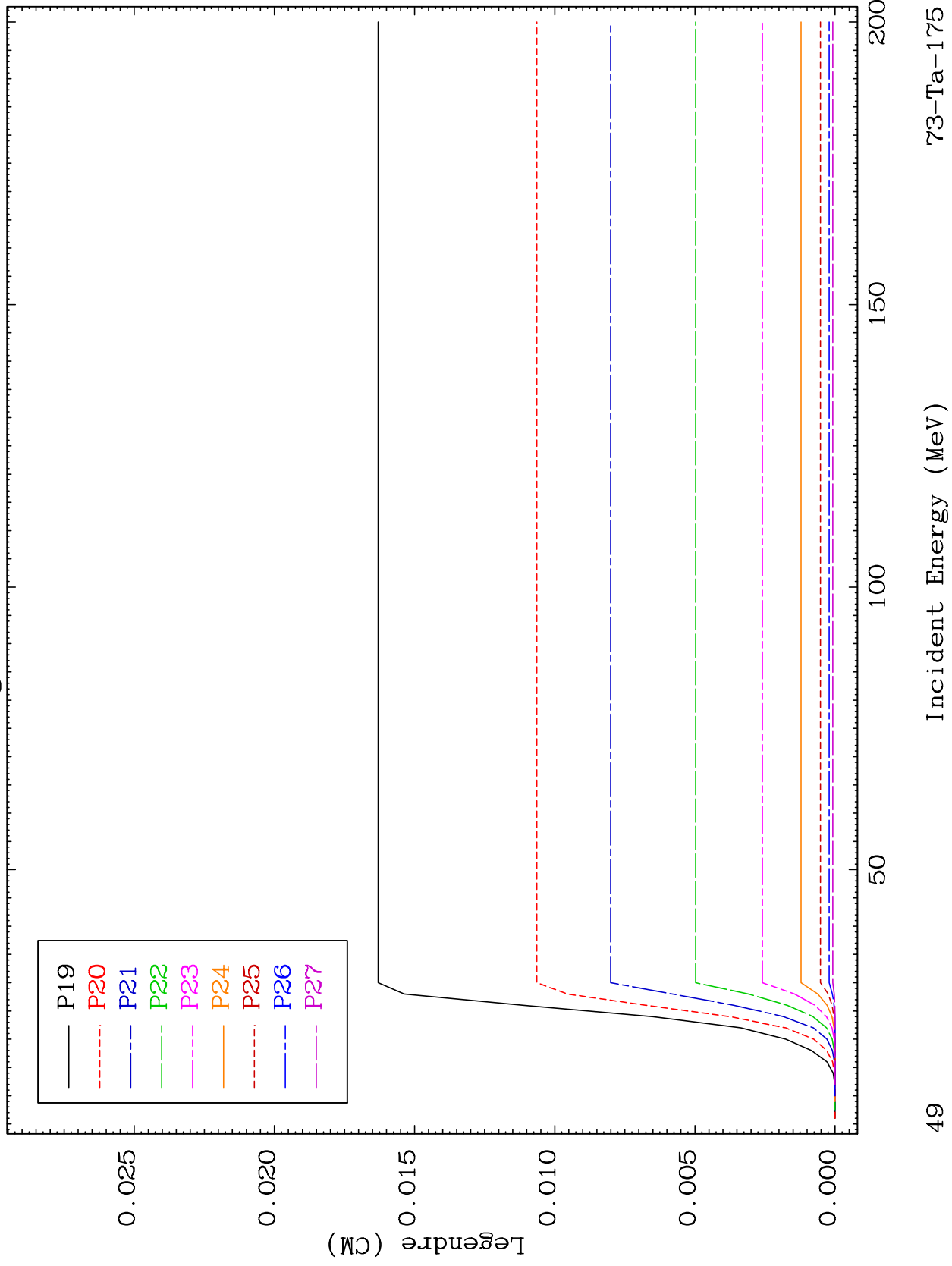




MAT 7310

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

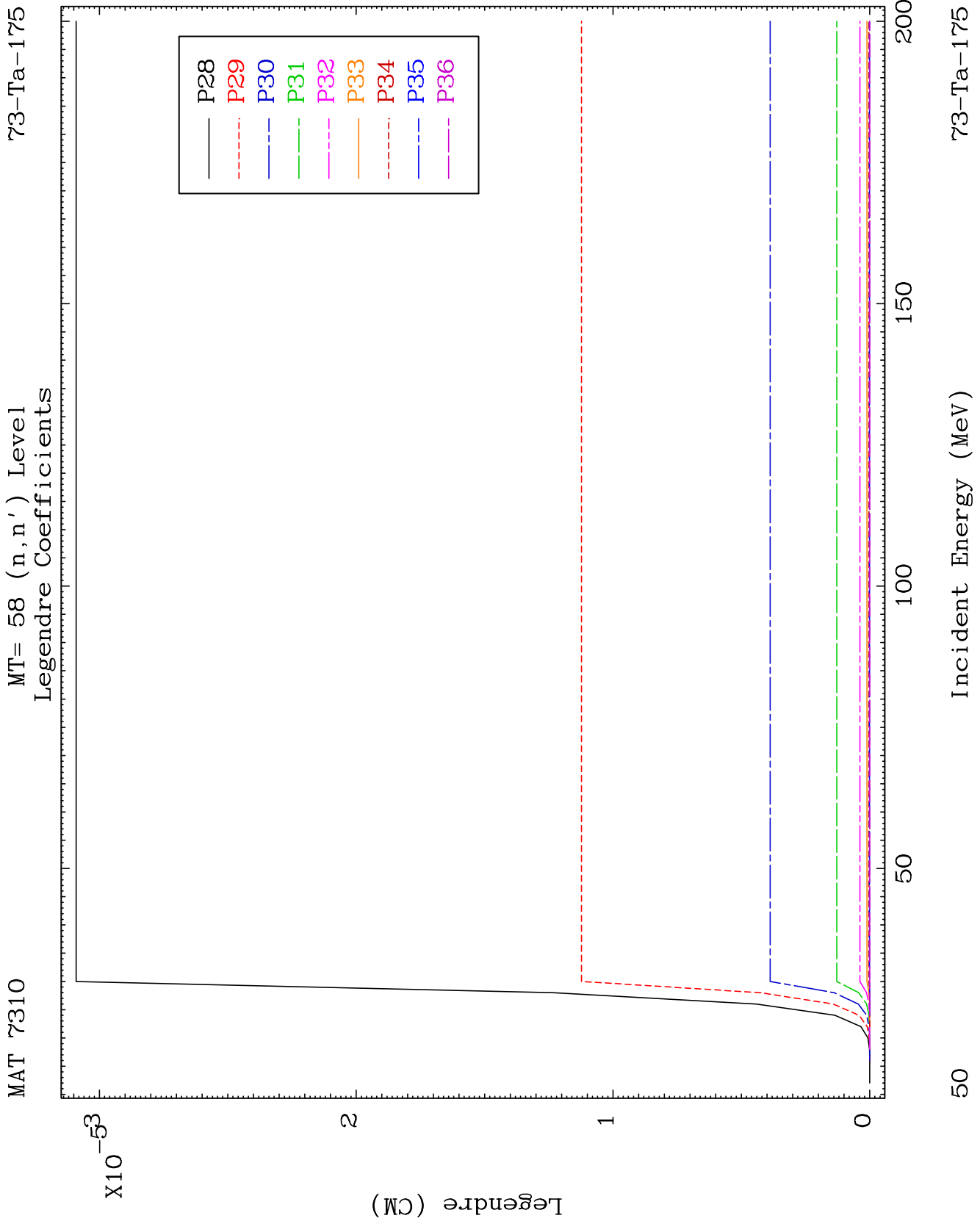
73-Ta-175

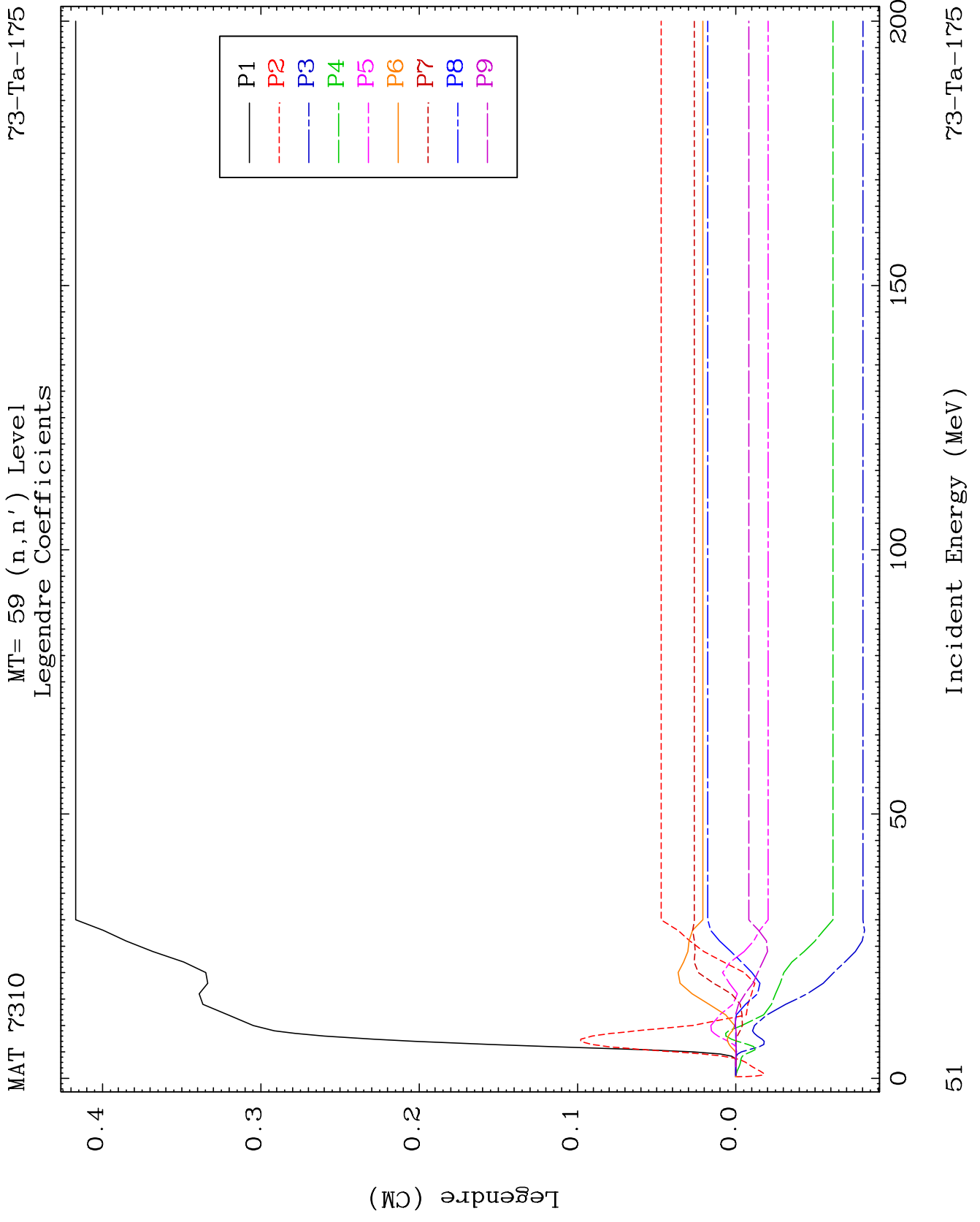


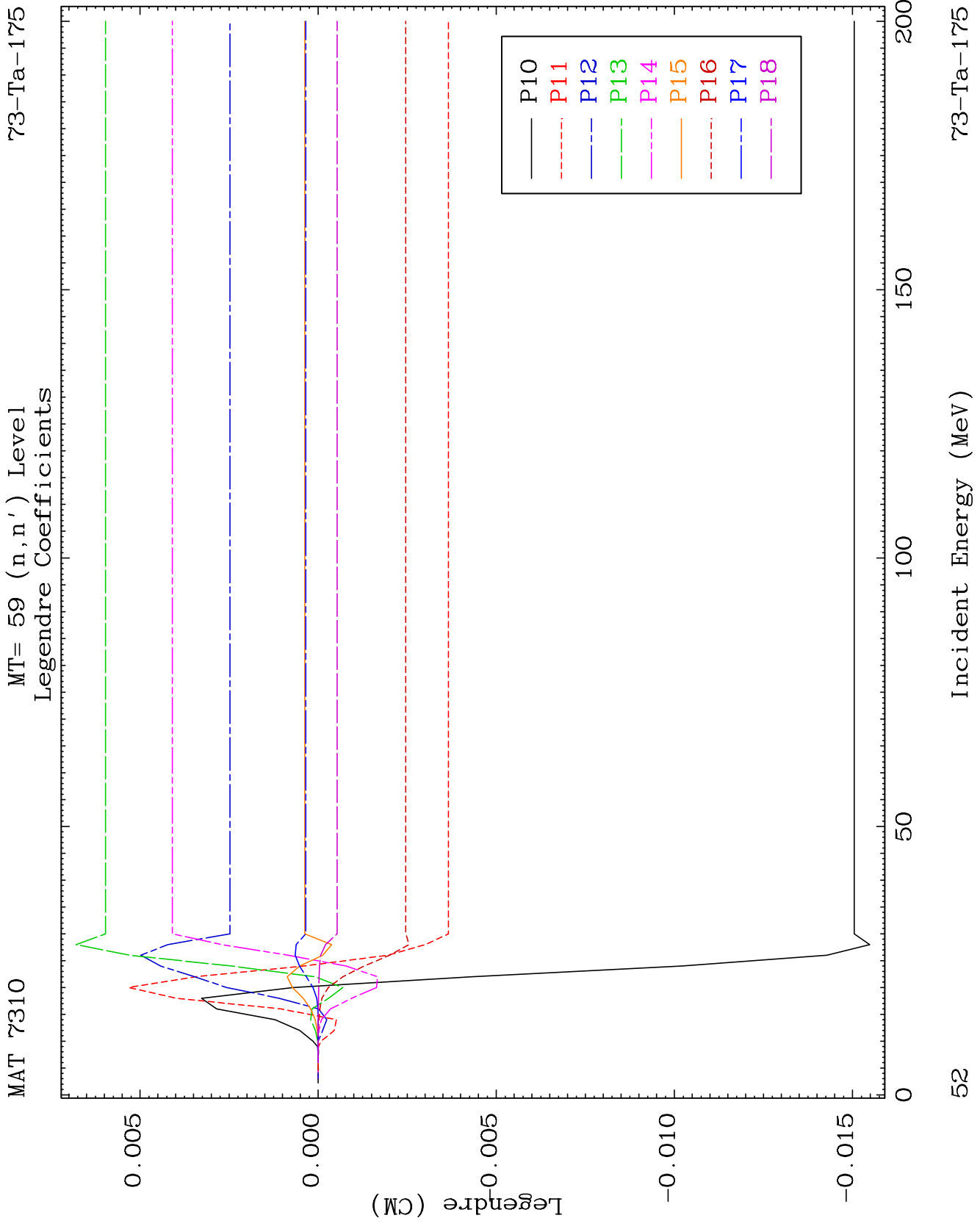
49

Incident Energy (MeV)

73-Ta-175



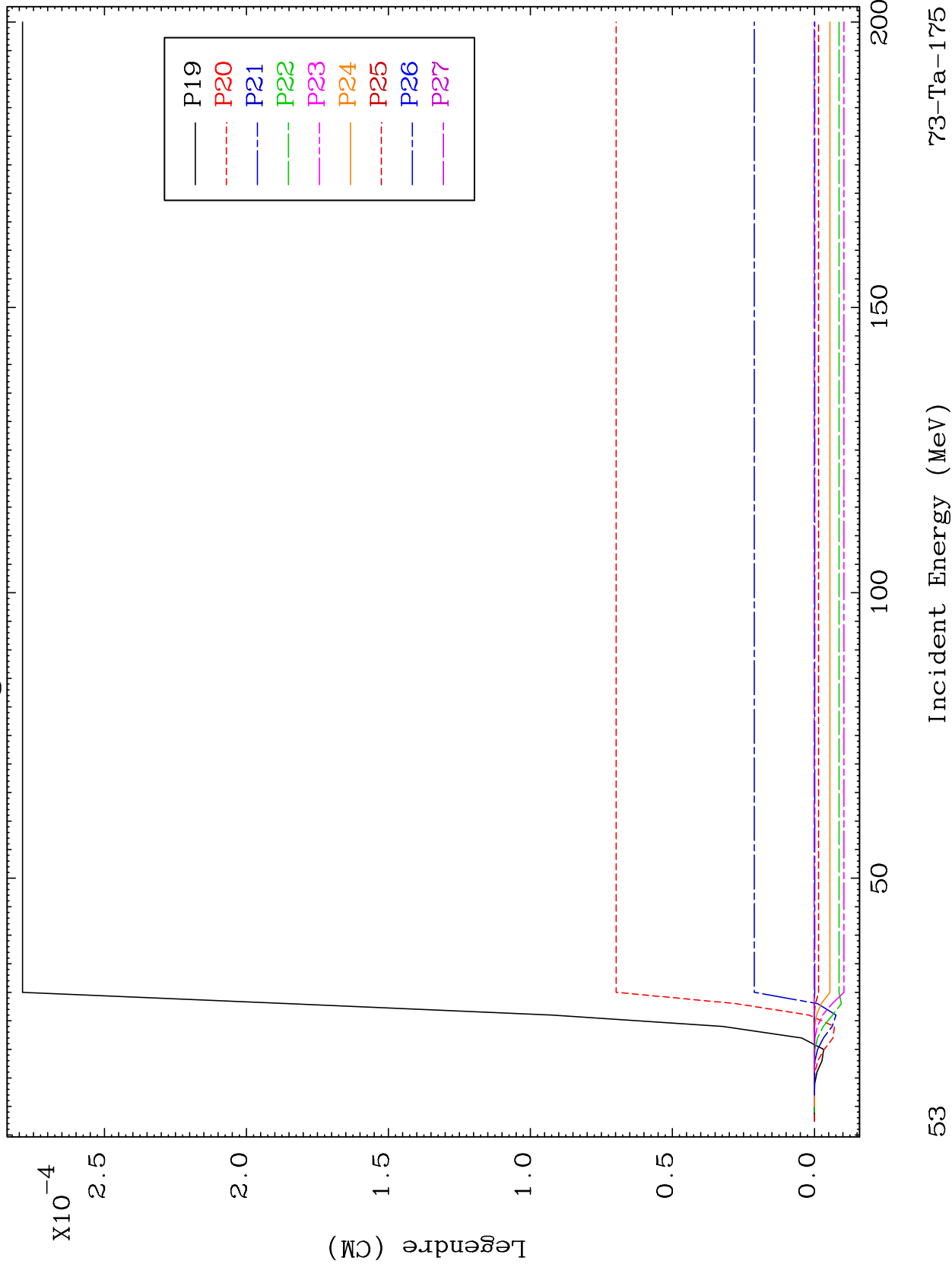




MAT 7310

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

73-Ta-175



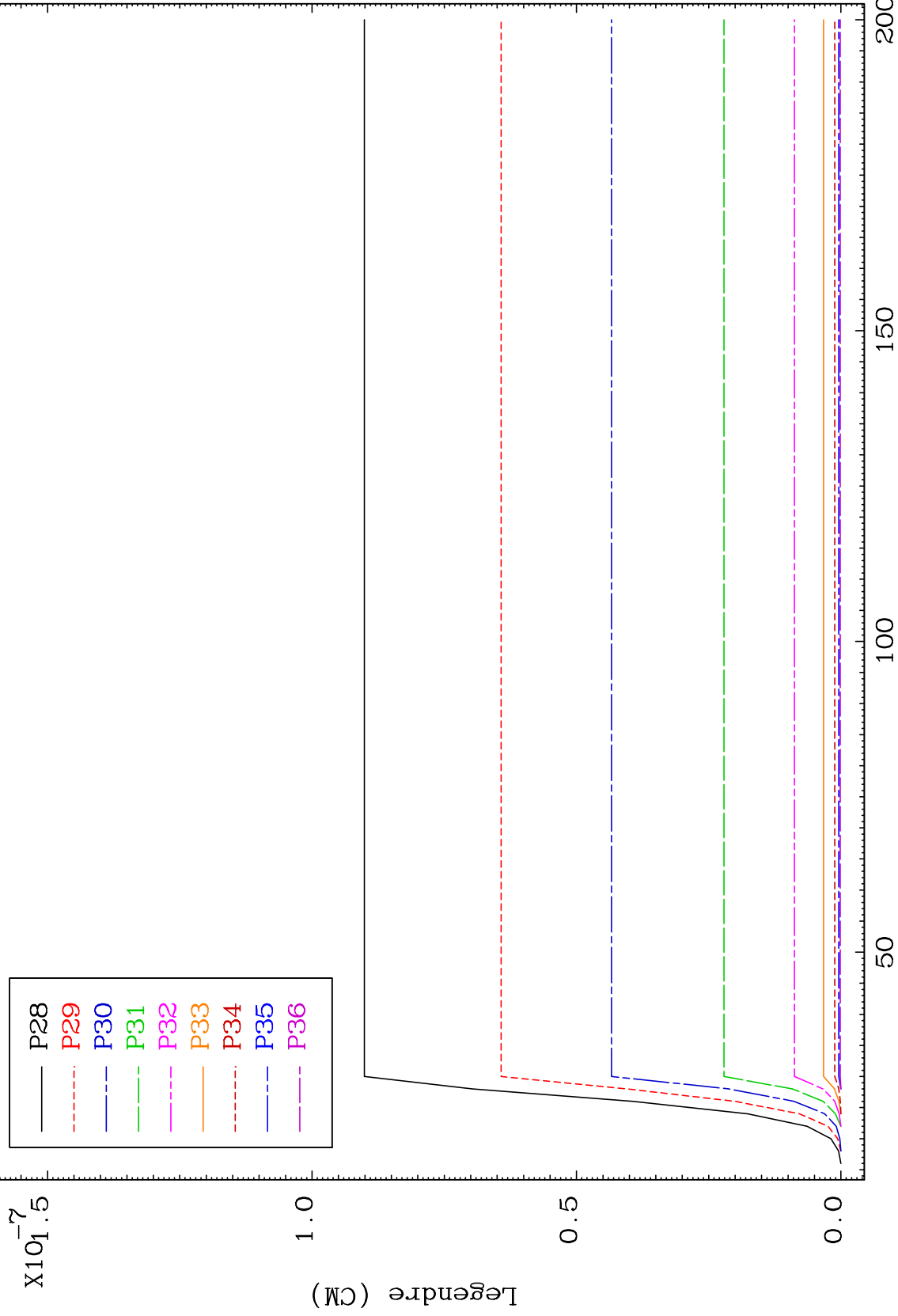
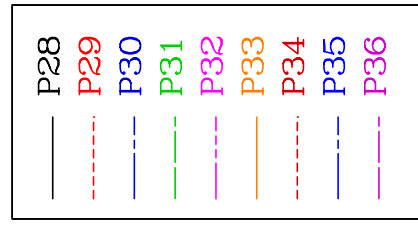
53

73-Ta-175

MAT 7310

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

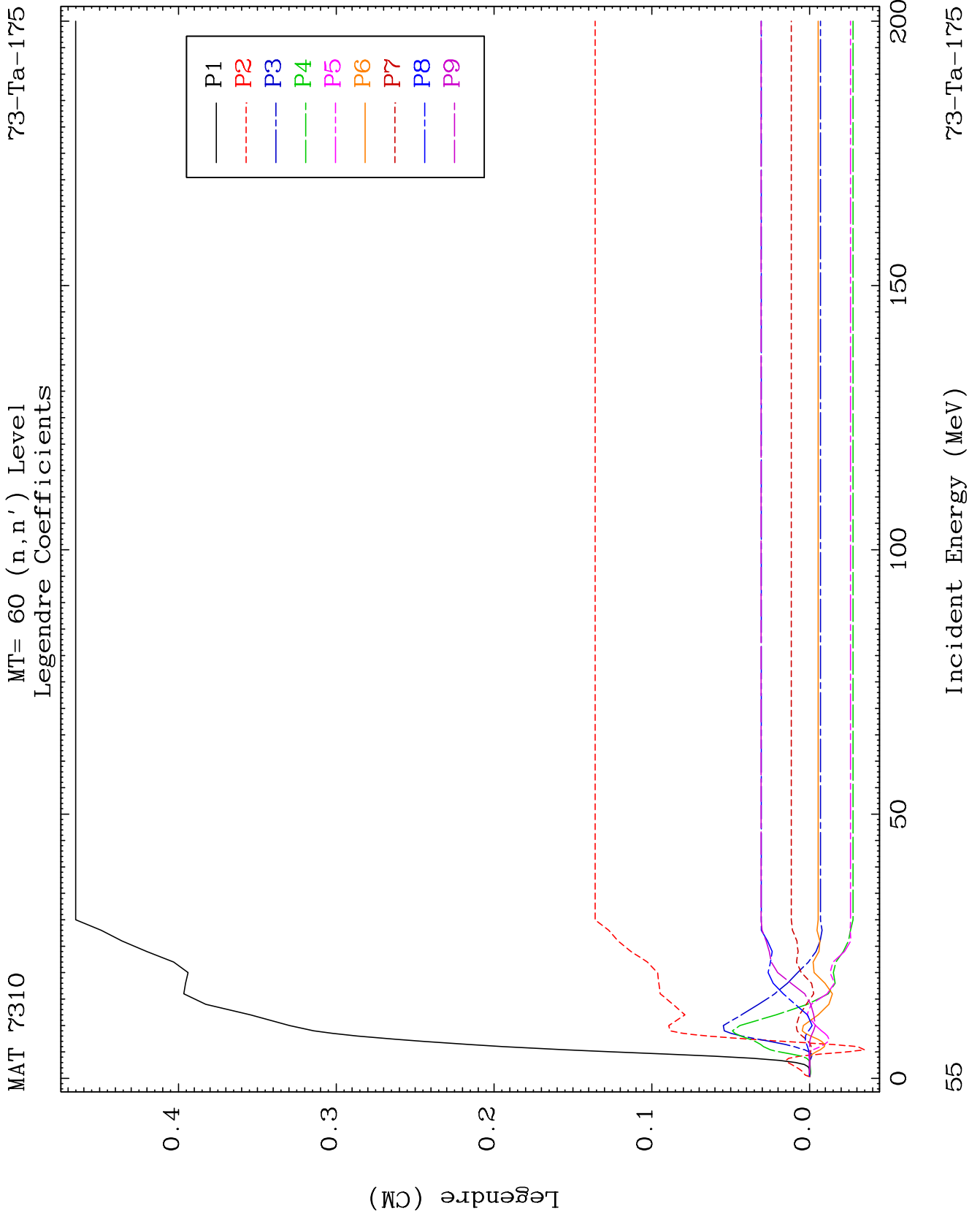
73-Ta-175



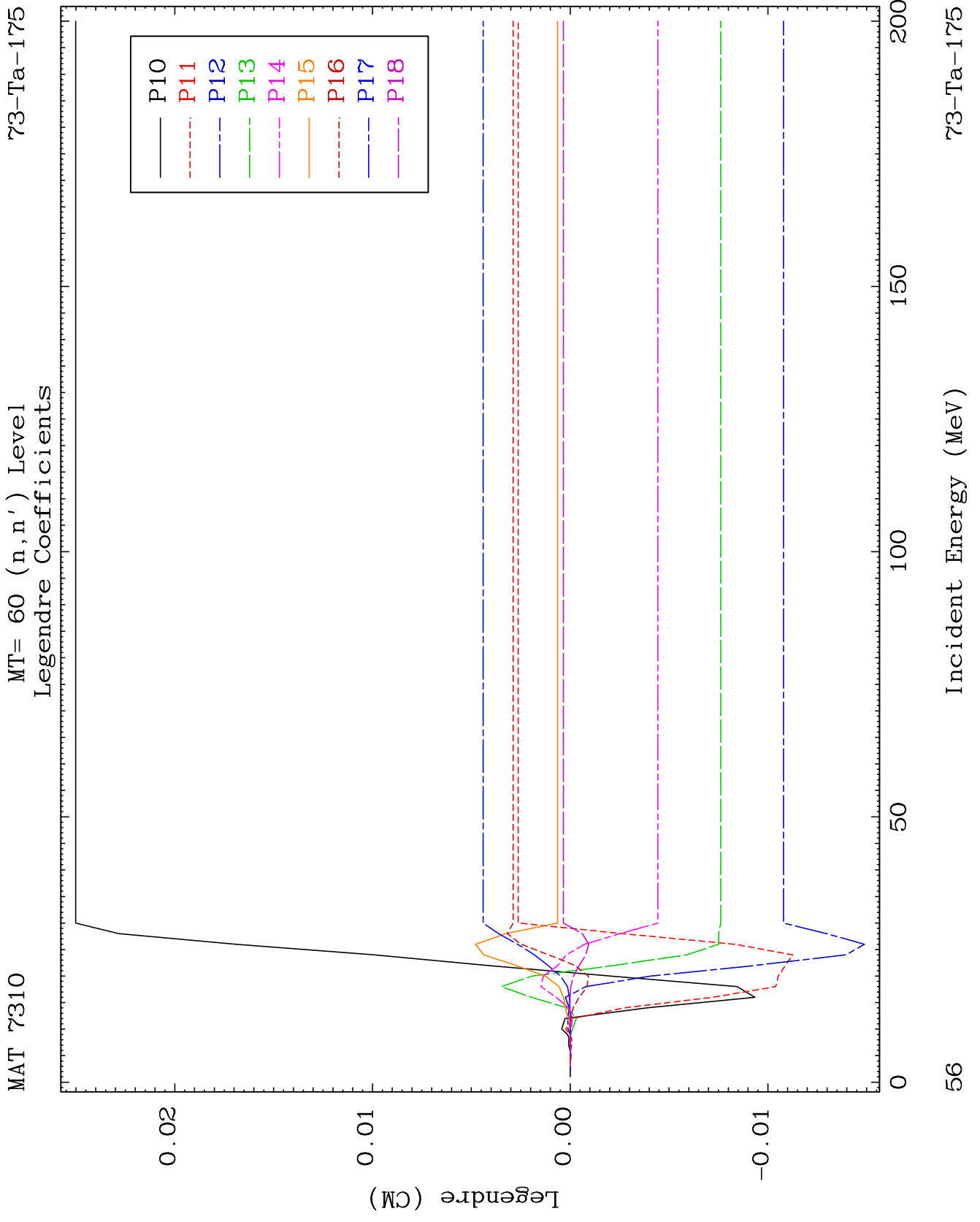
54

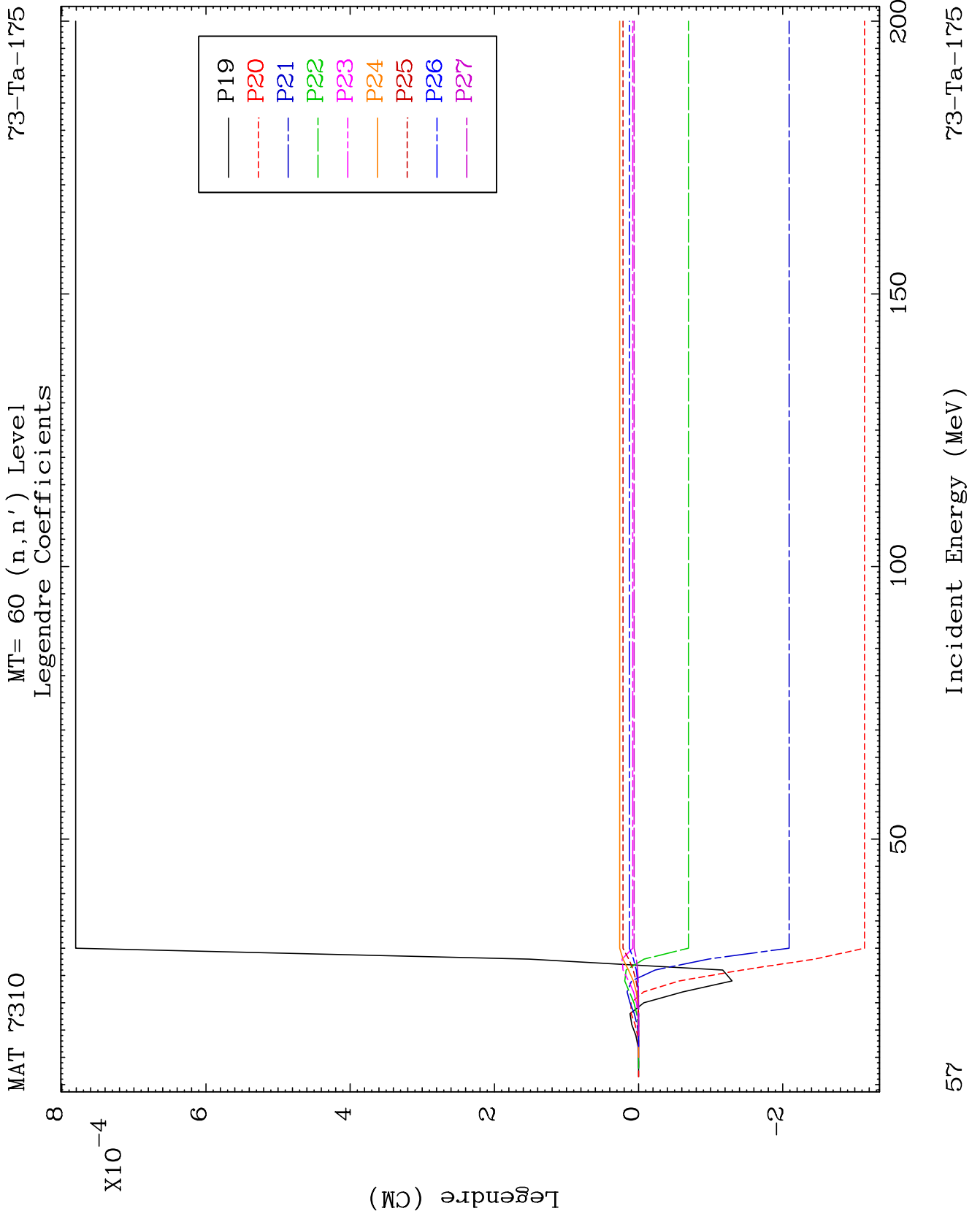
Incident Energy (MeV)

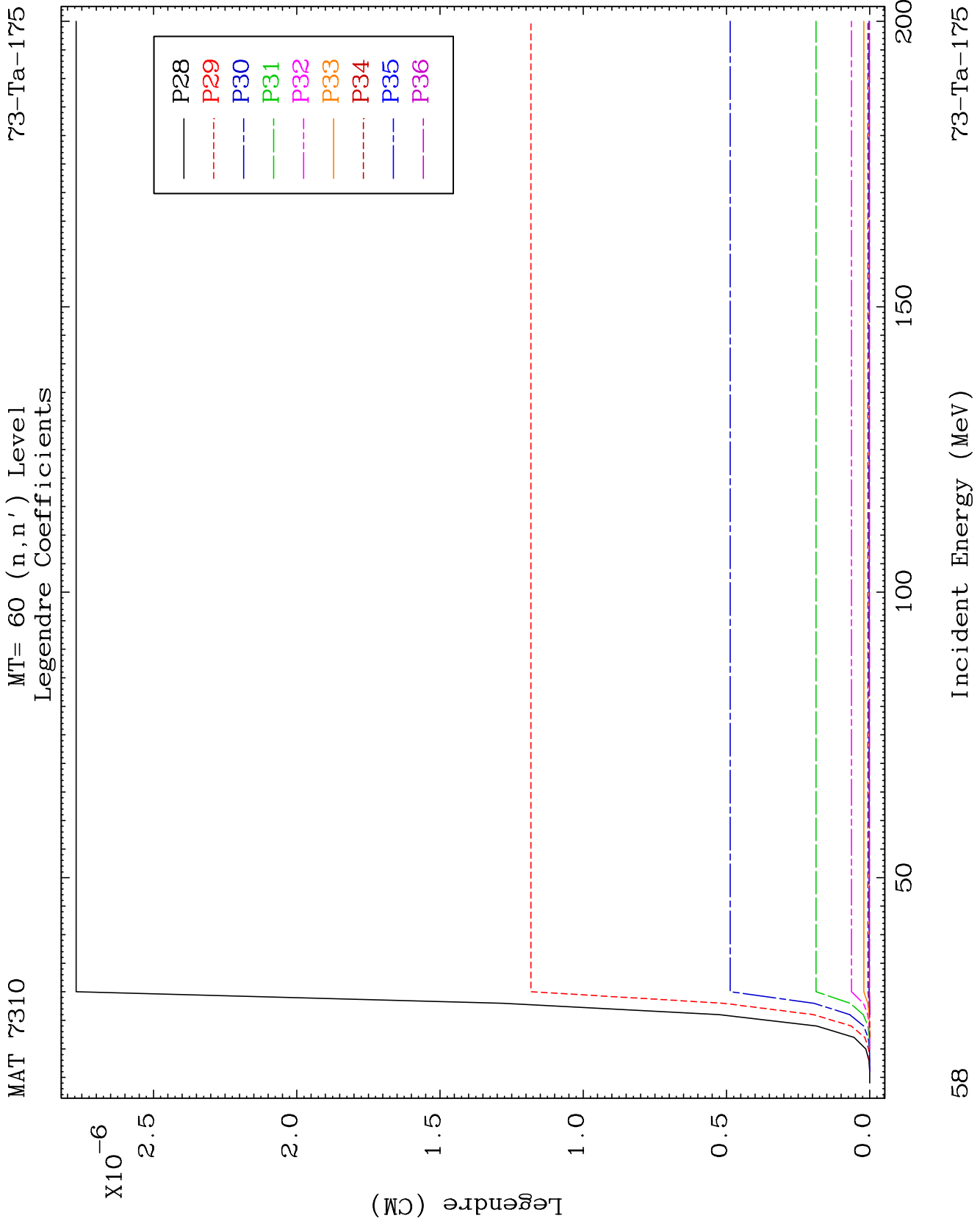
73-Ta-175

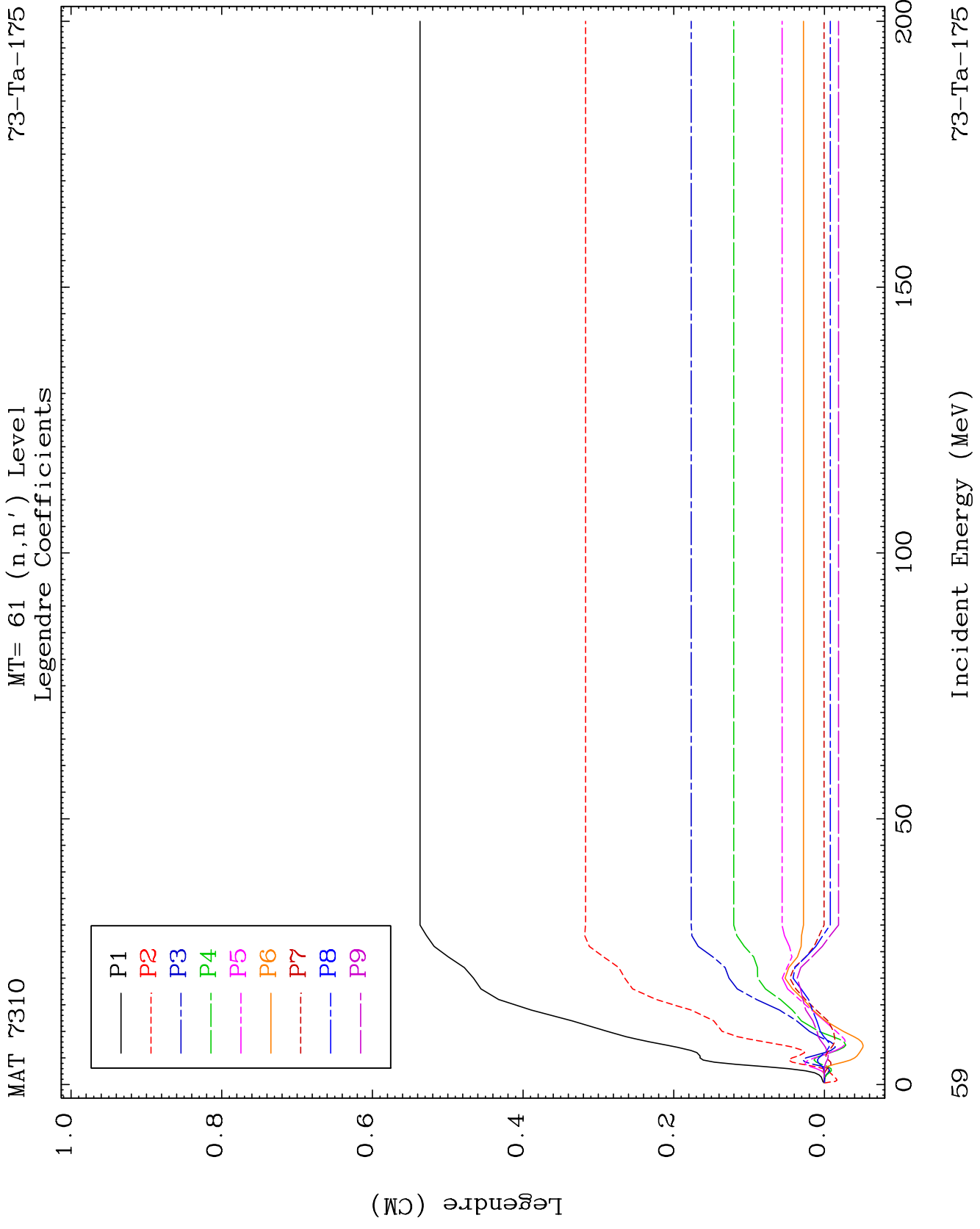




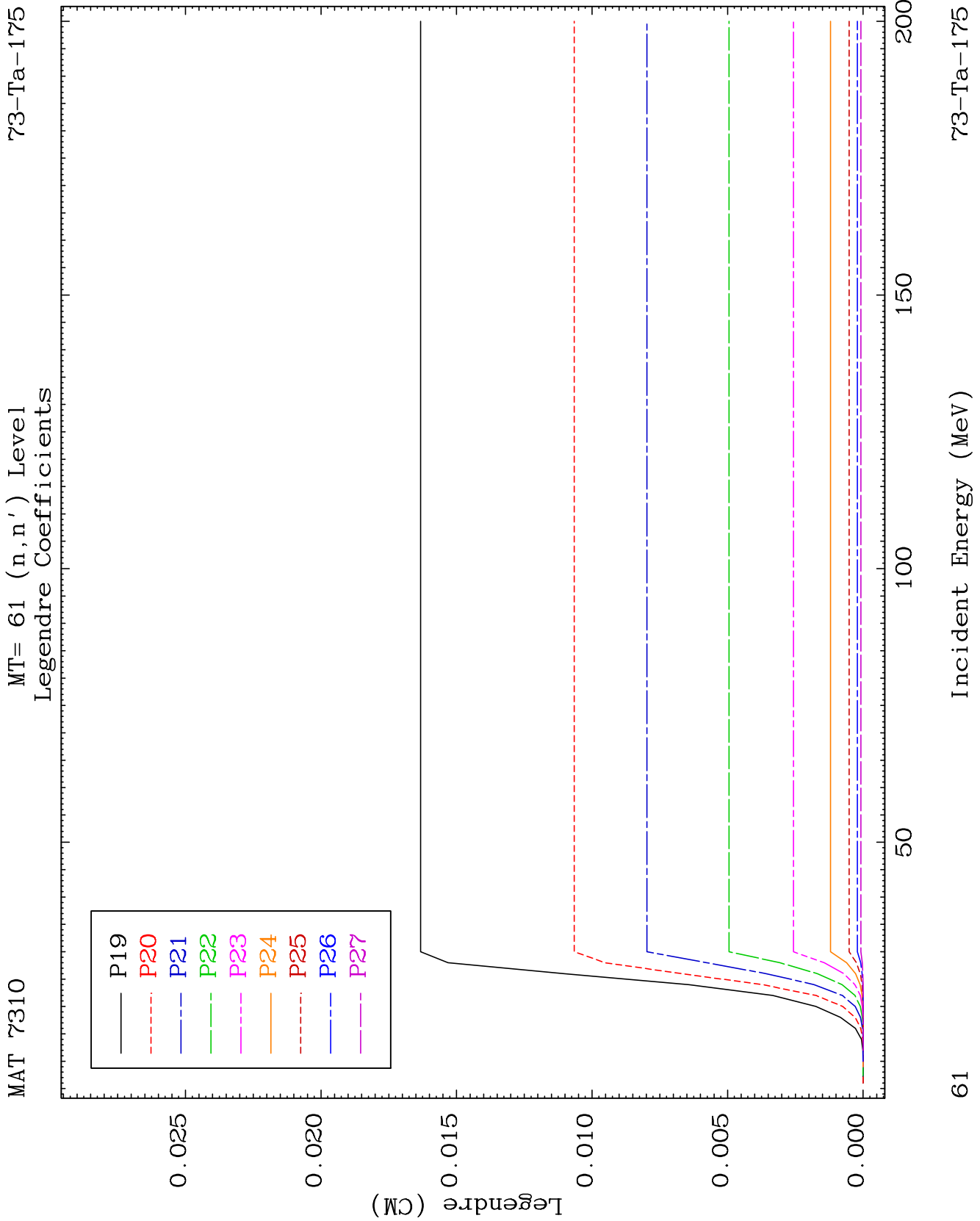


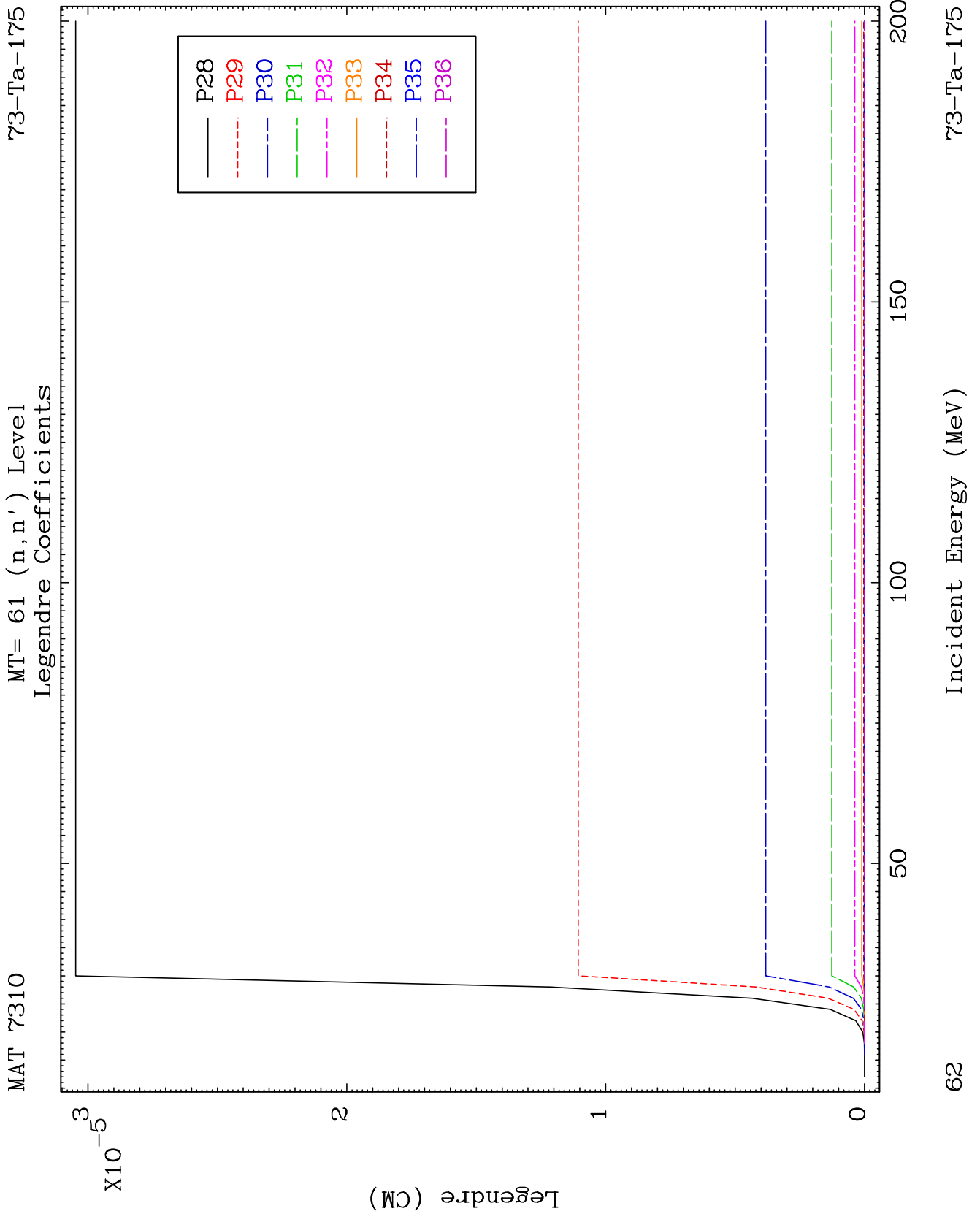






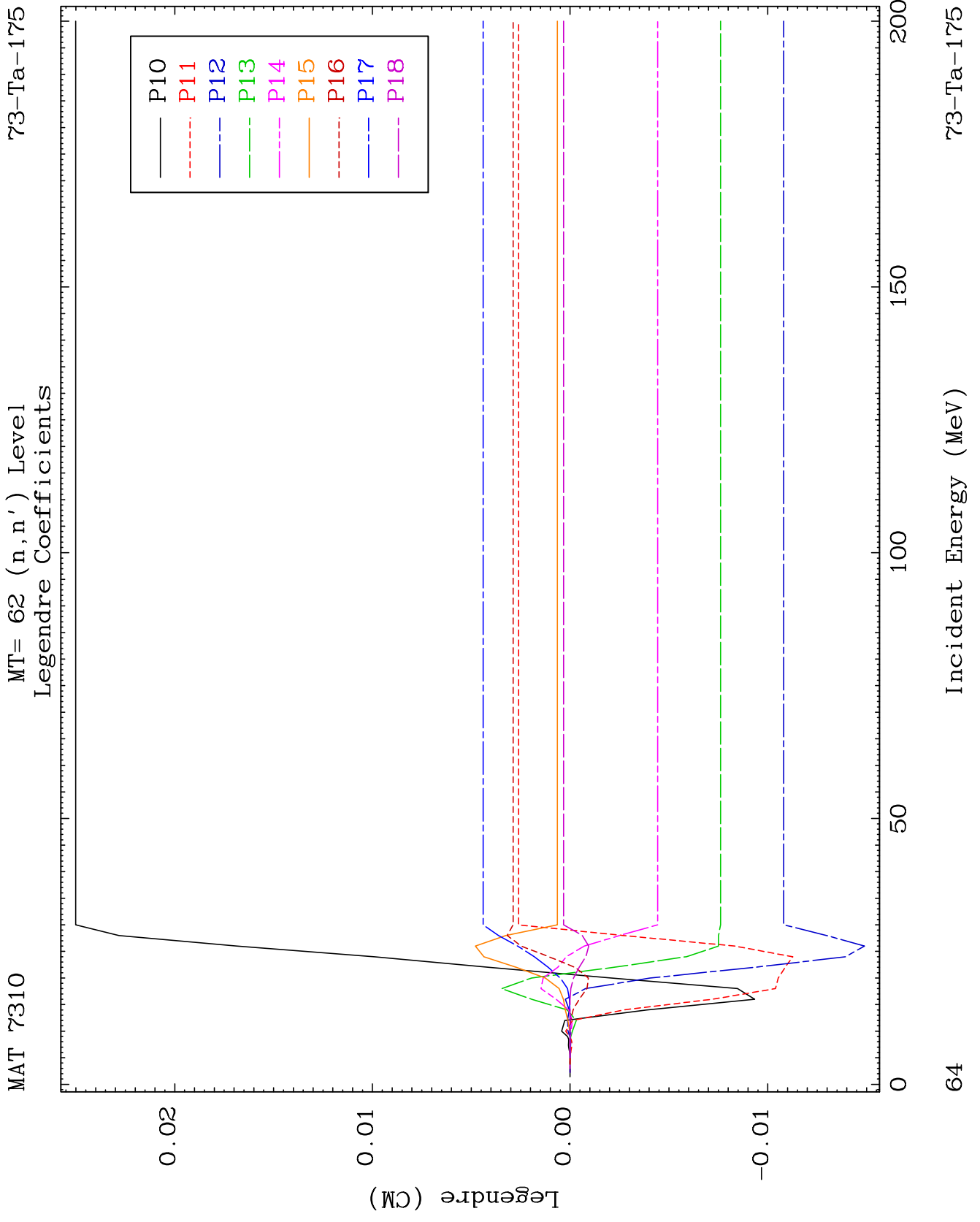








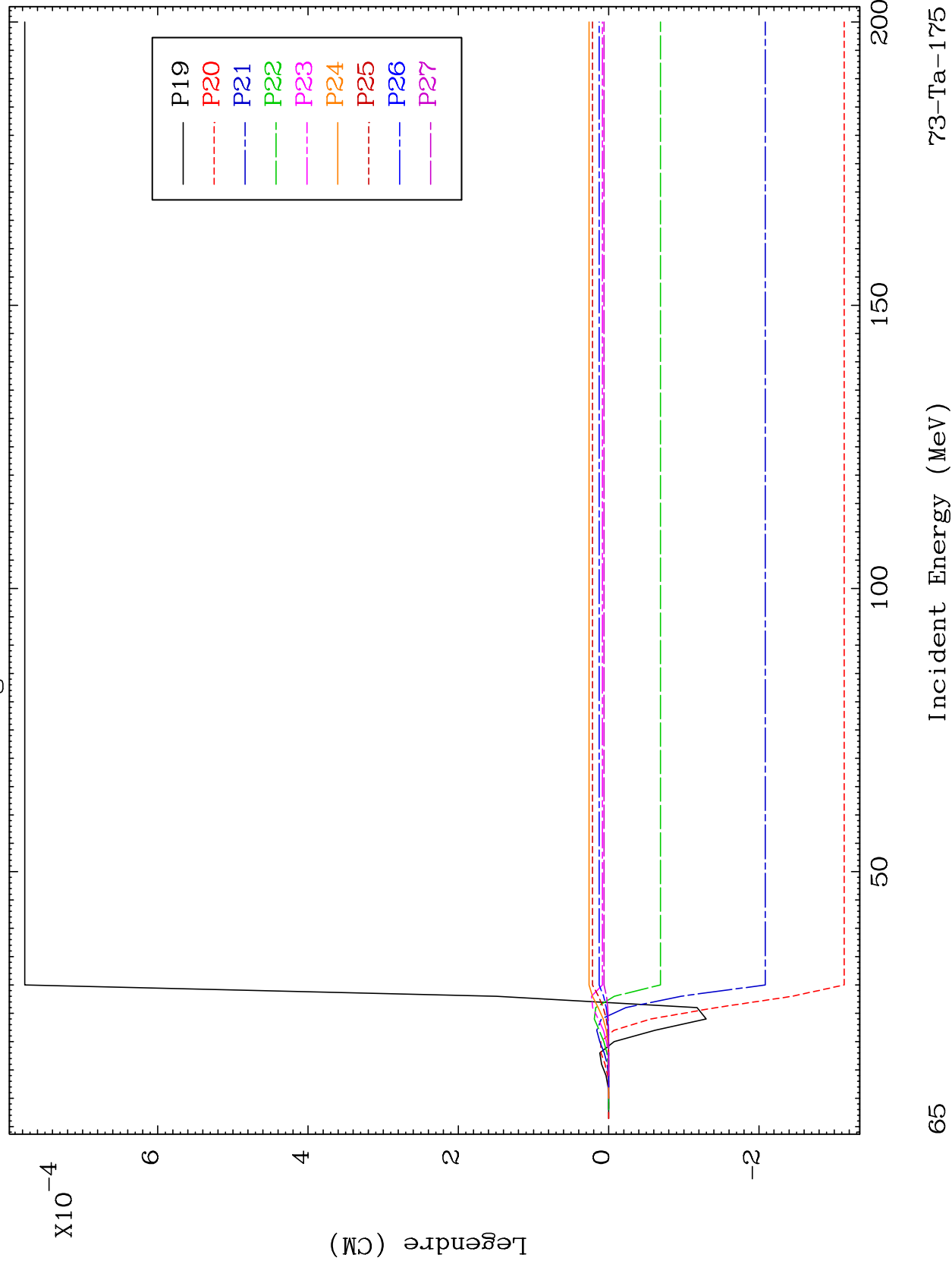




MAT 7310

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

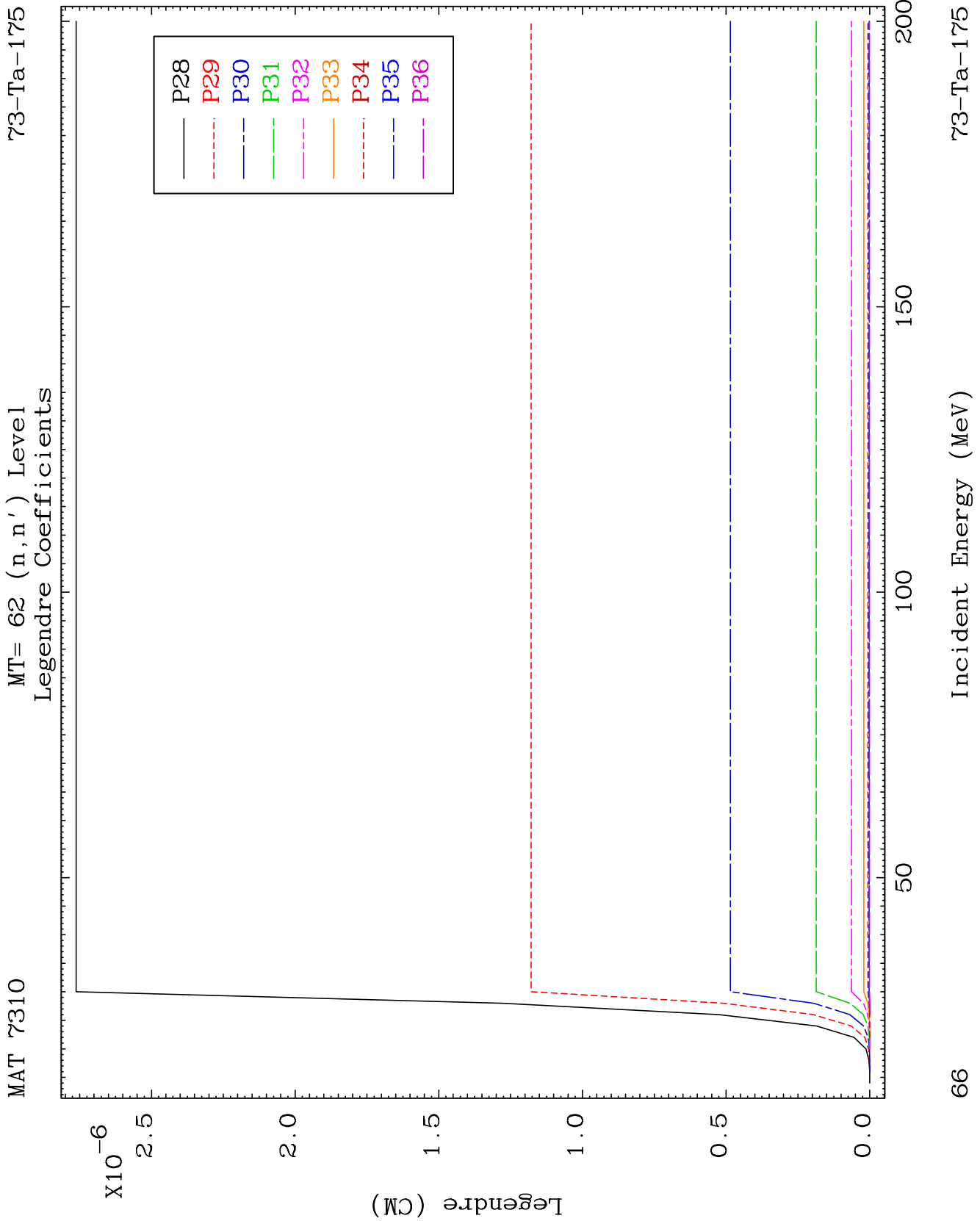
73-Ta-175



65

Incident Energy (MeV)

73-Ta-175

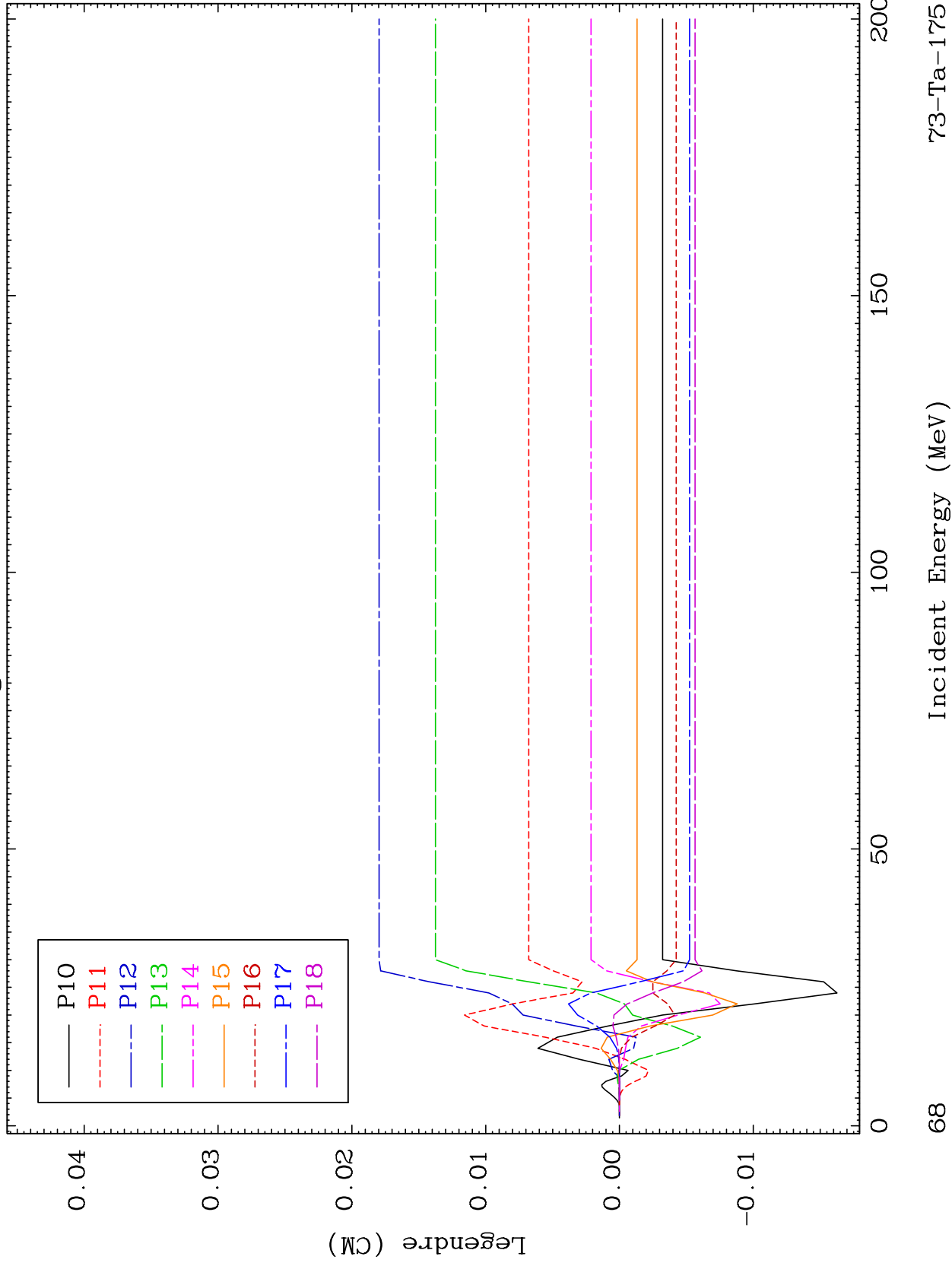




MAT 7310

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

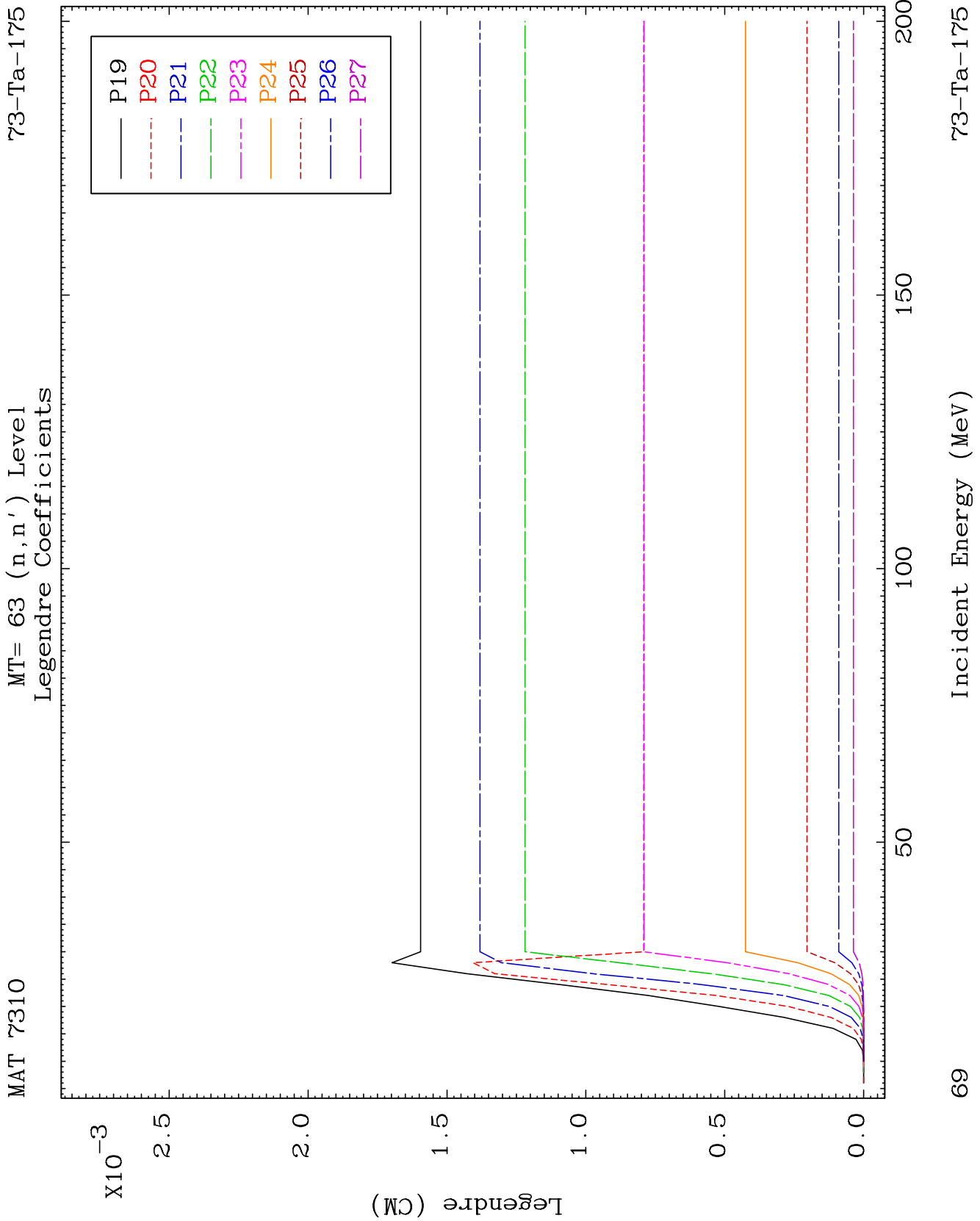
73-Ta-175

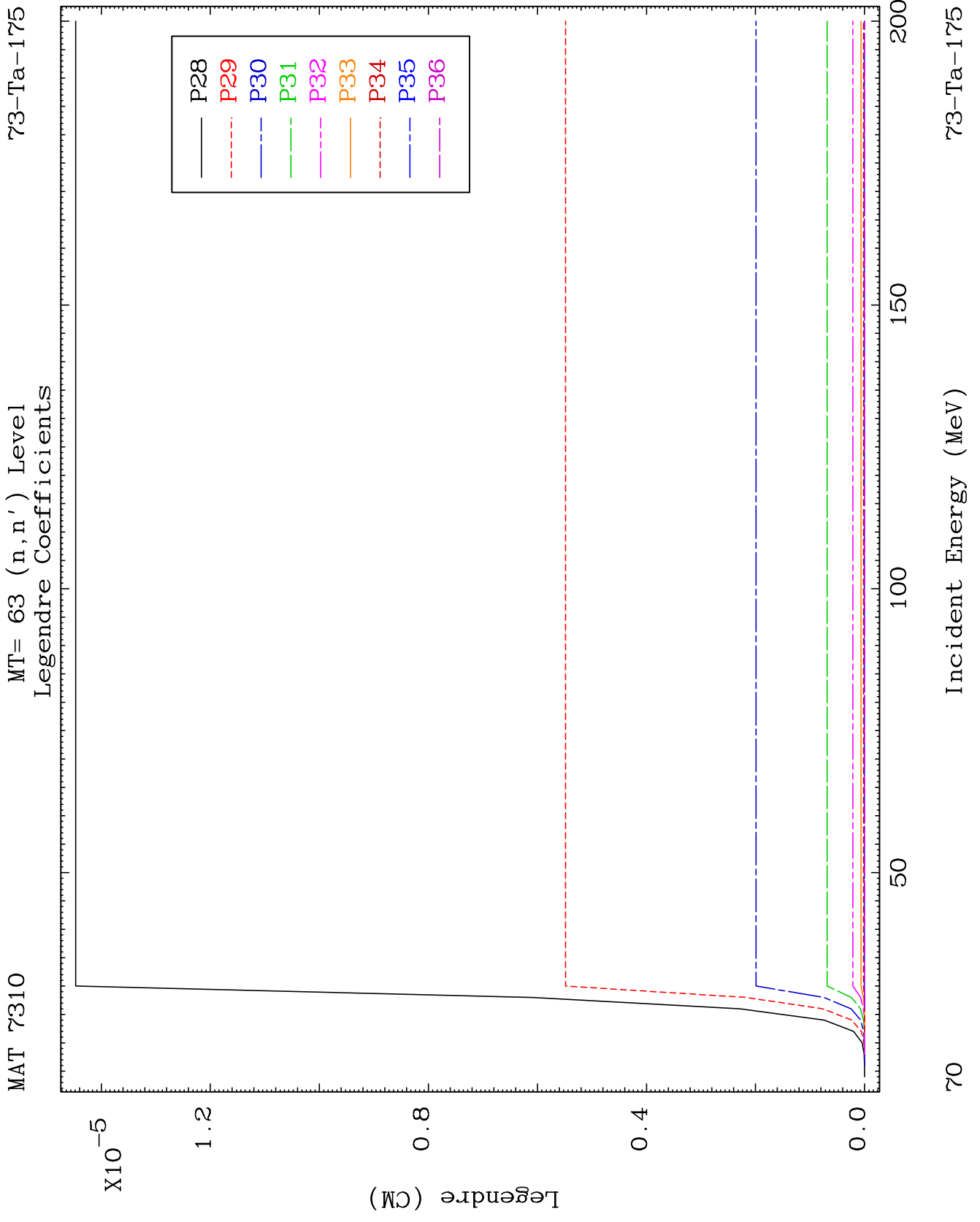


68

Incident Energy (MeV)

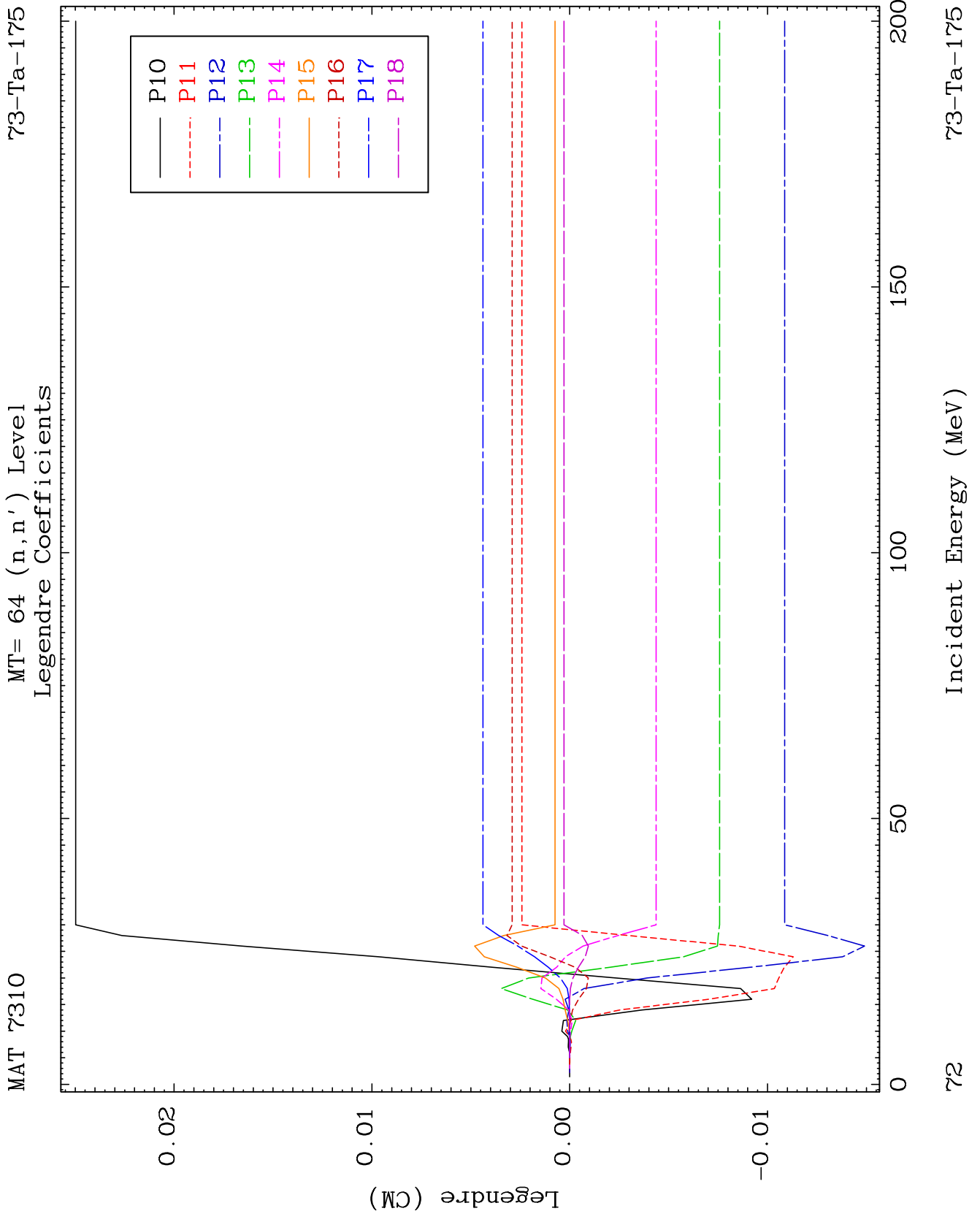
73-Ta-175







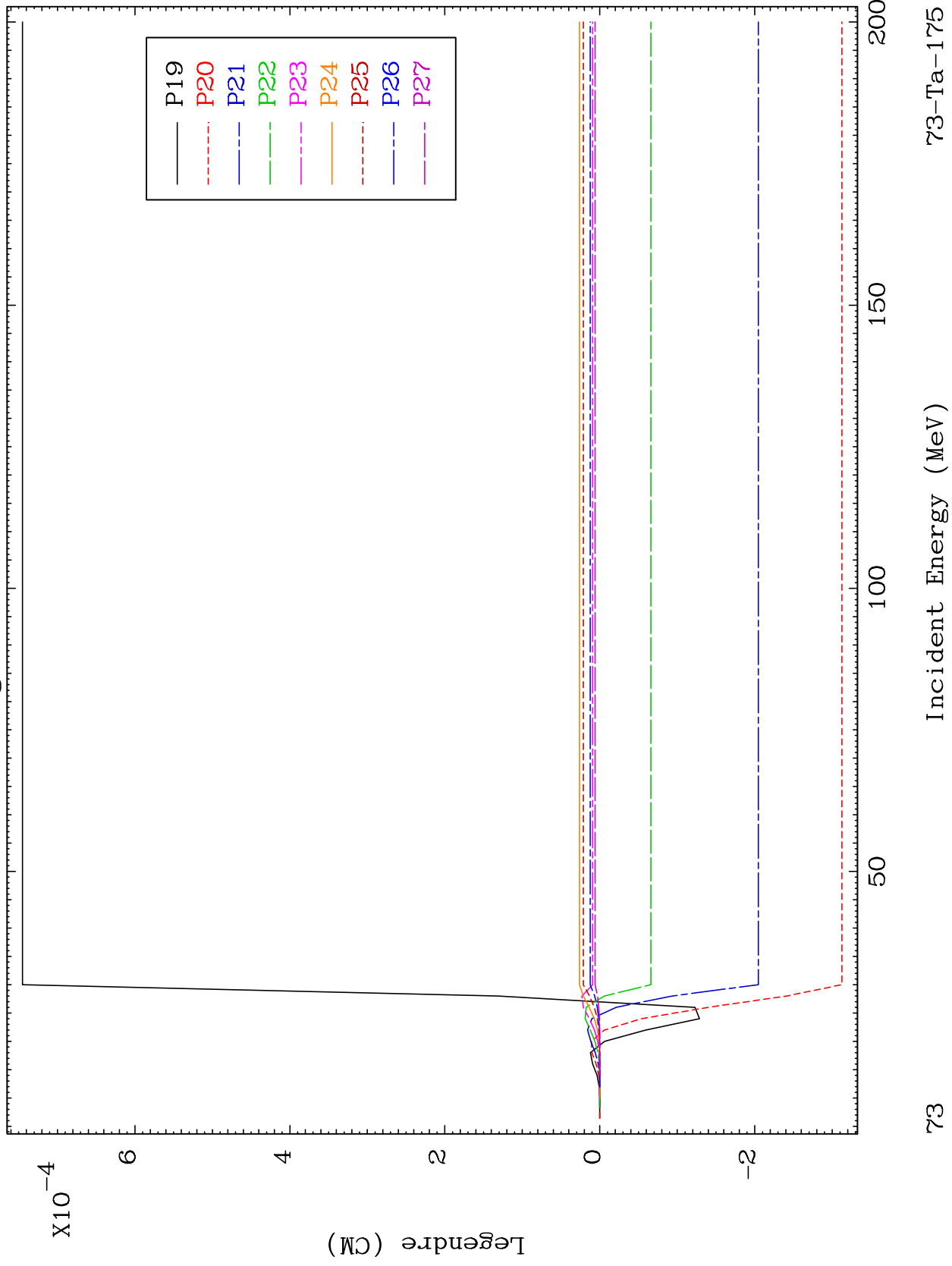




MAT 7310

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

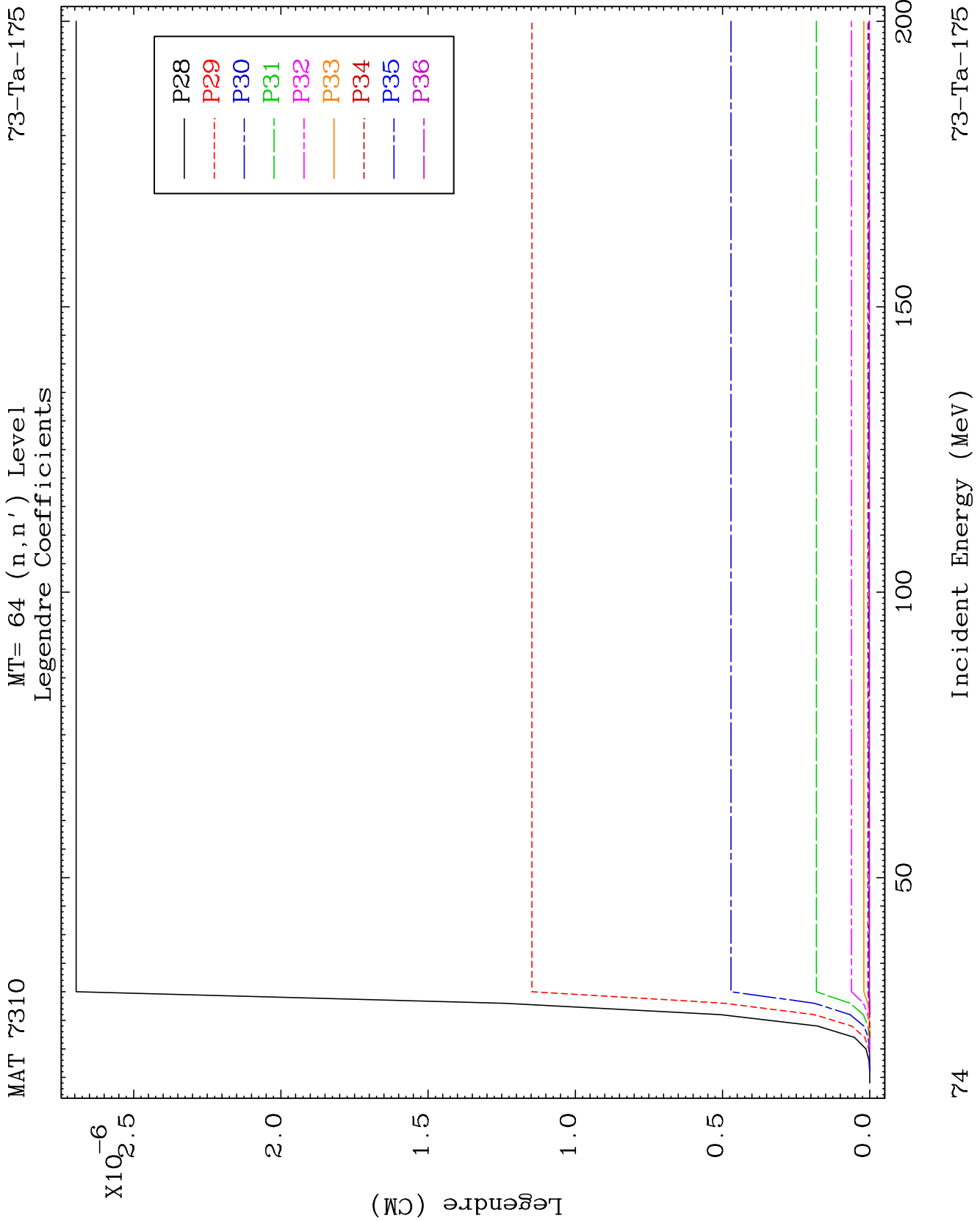
73-Ta-175

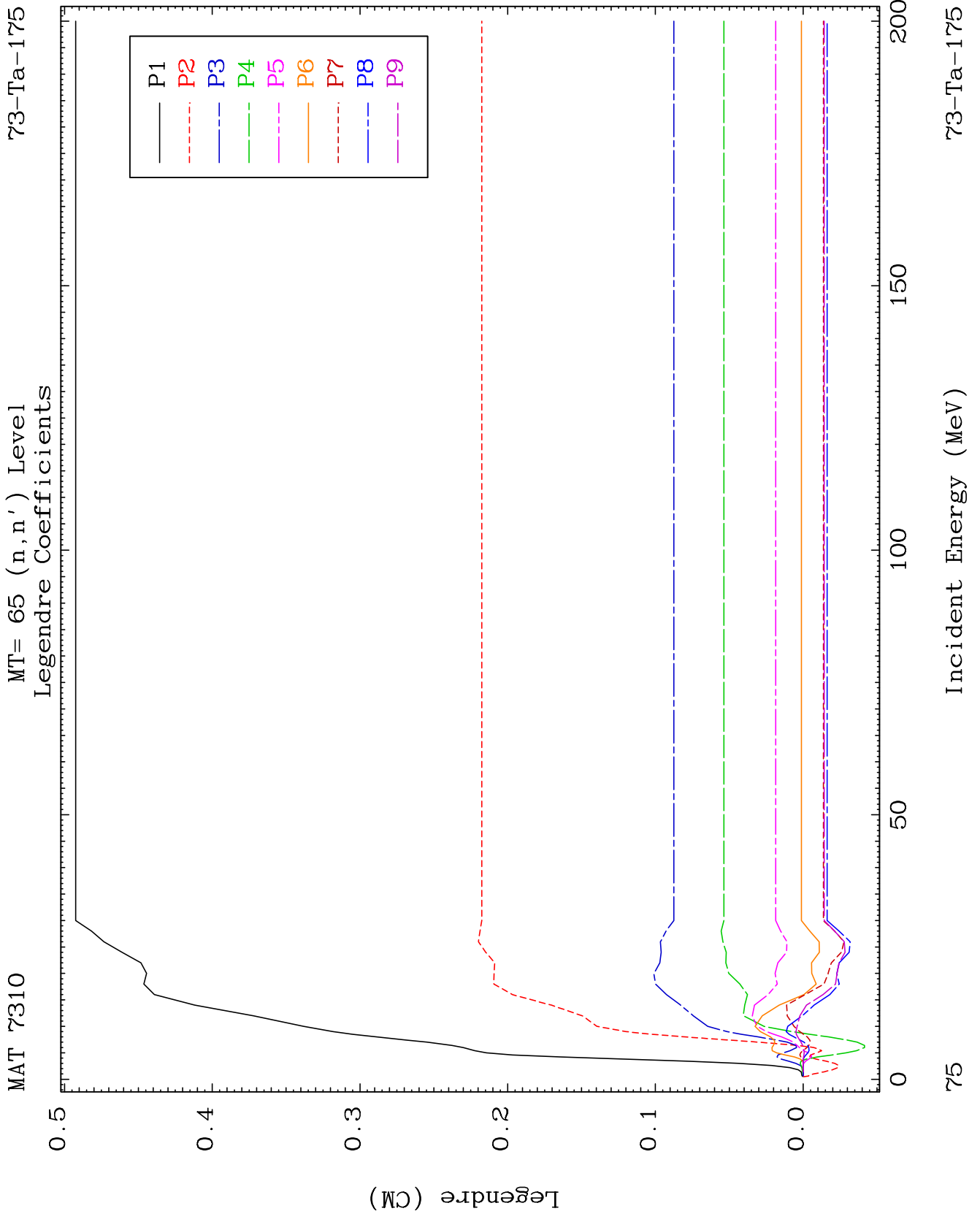


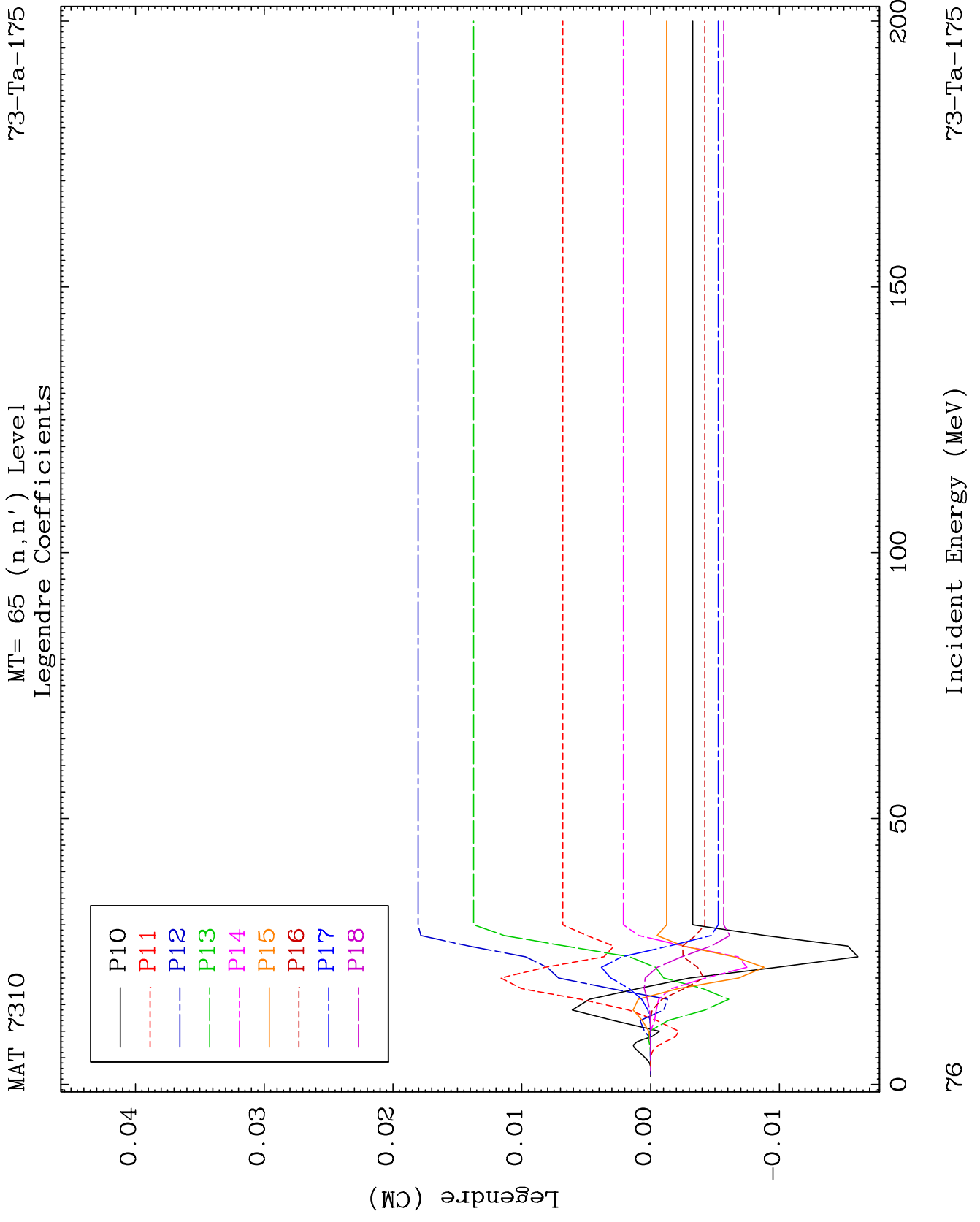
73

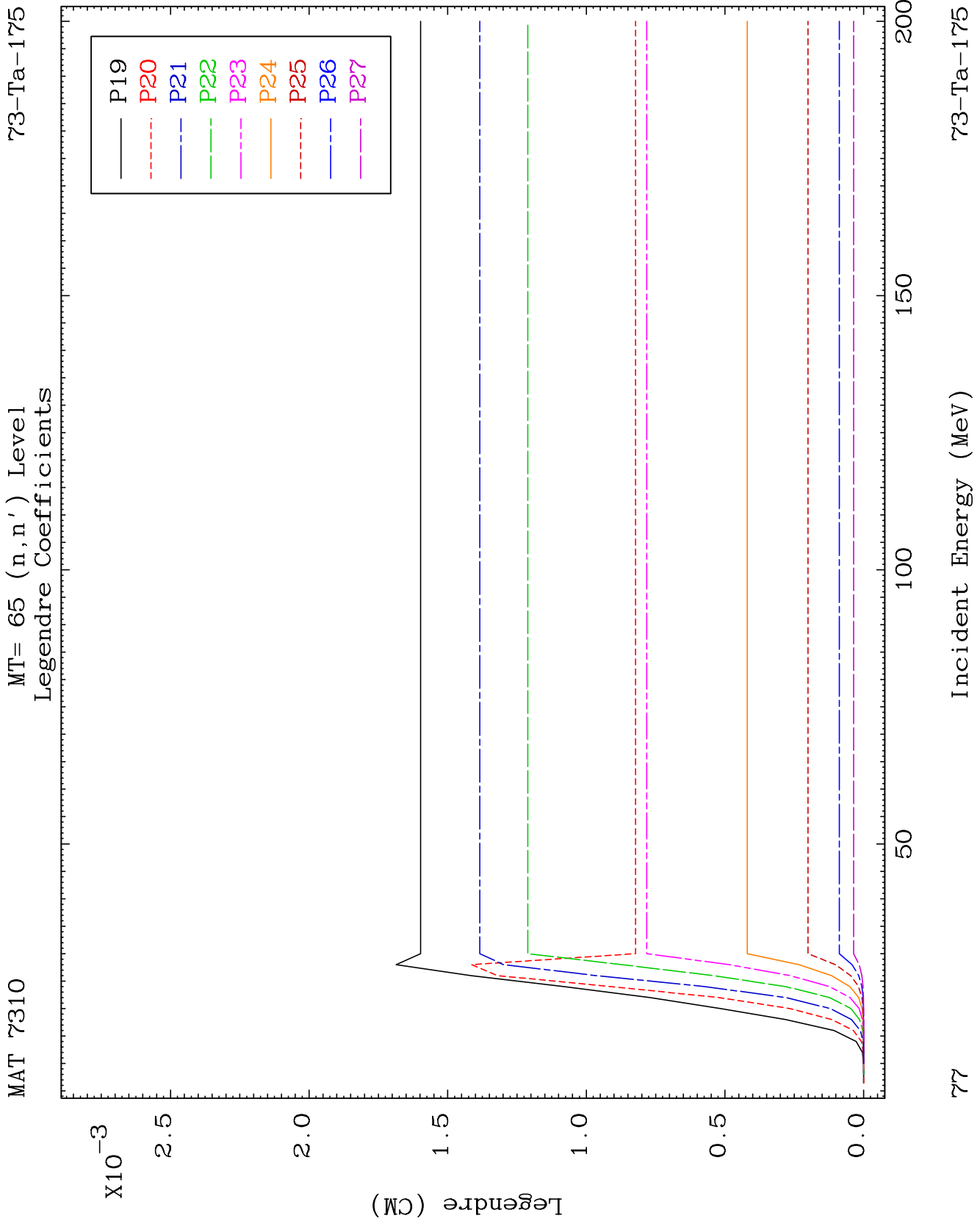
Incident Energy (MeV)

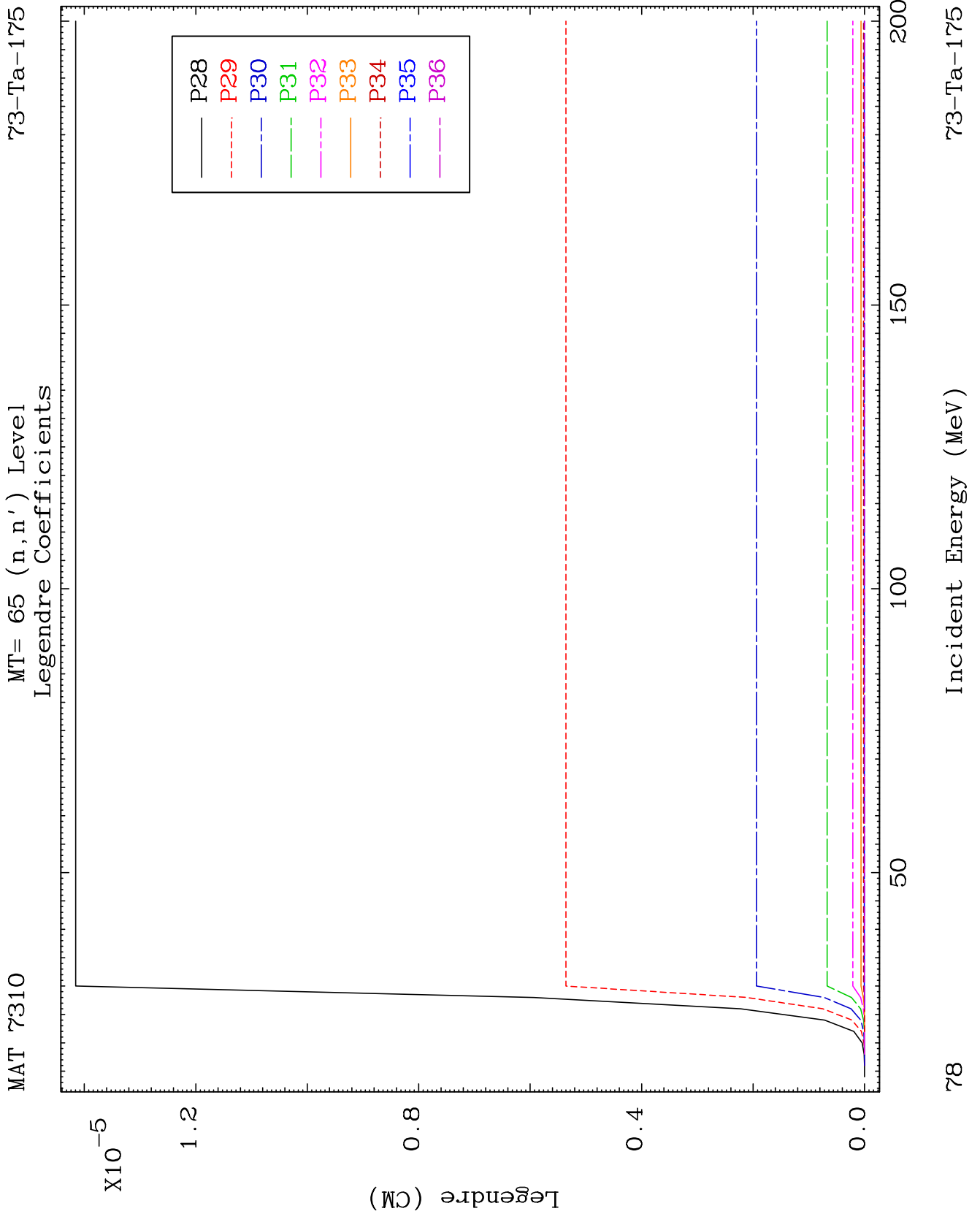
73-Ta-175





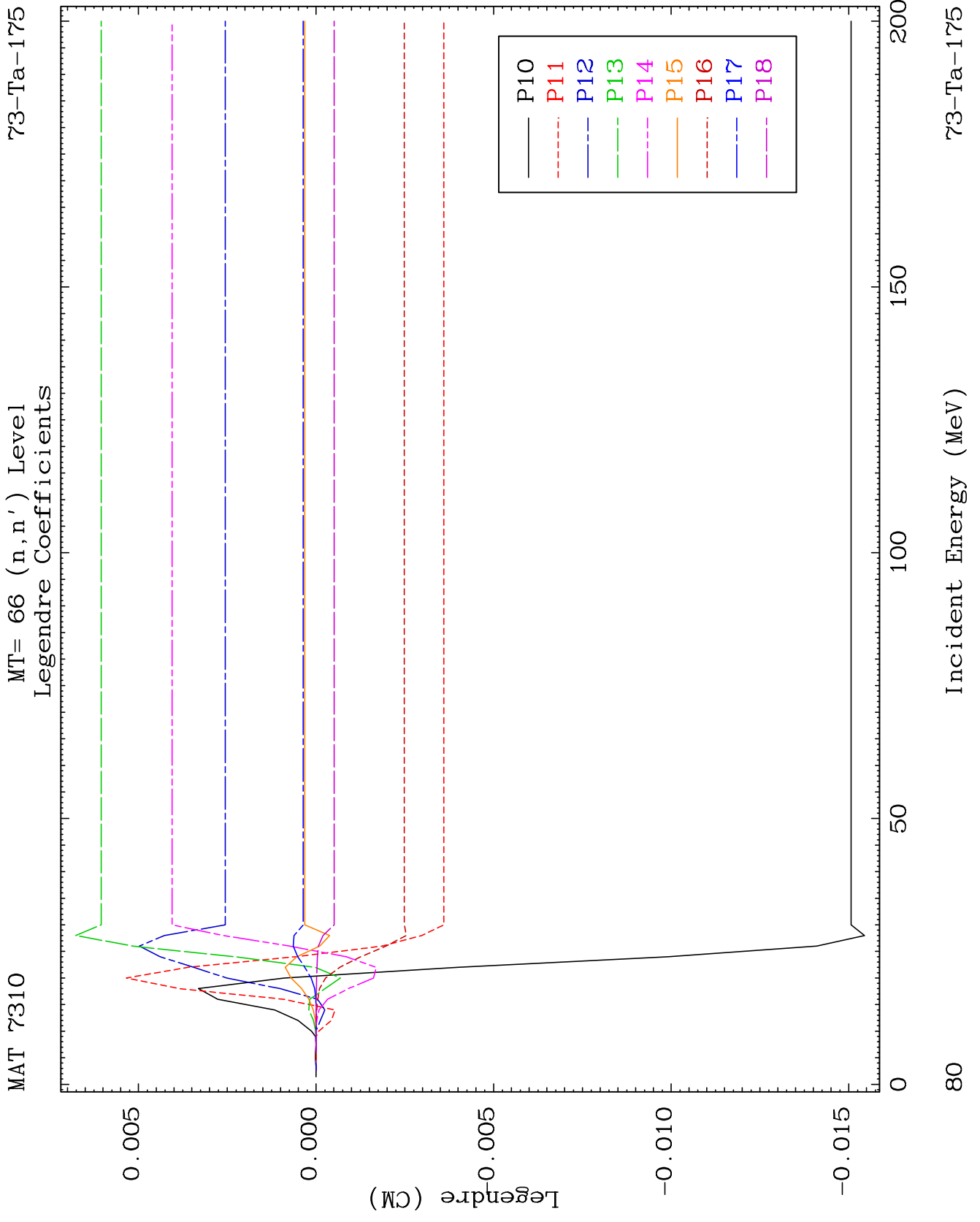


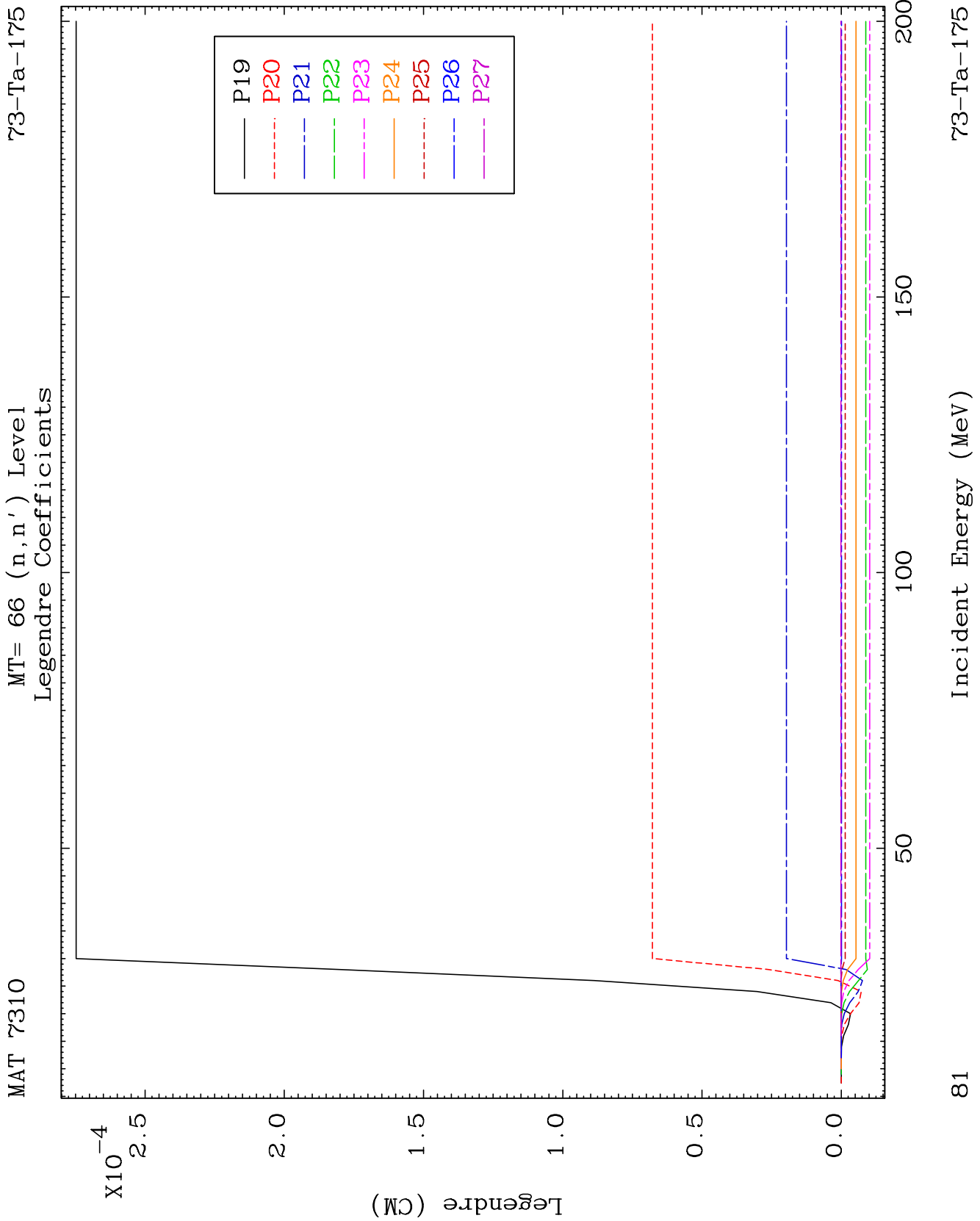








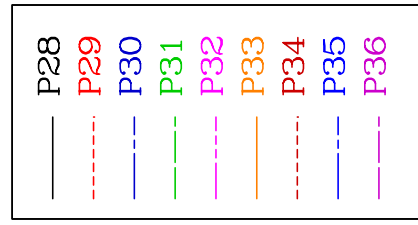




MAT 7310

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

73-Ta-175



$\times 10^{-7}$

Legendre (CM)

1.0

0.5

0.0

50

100

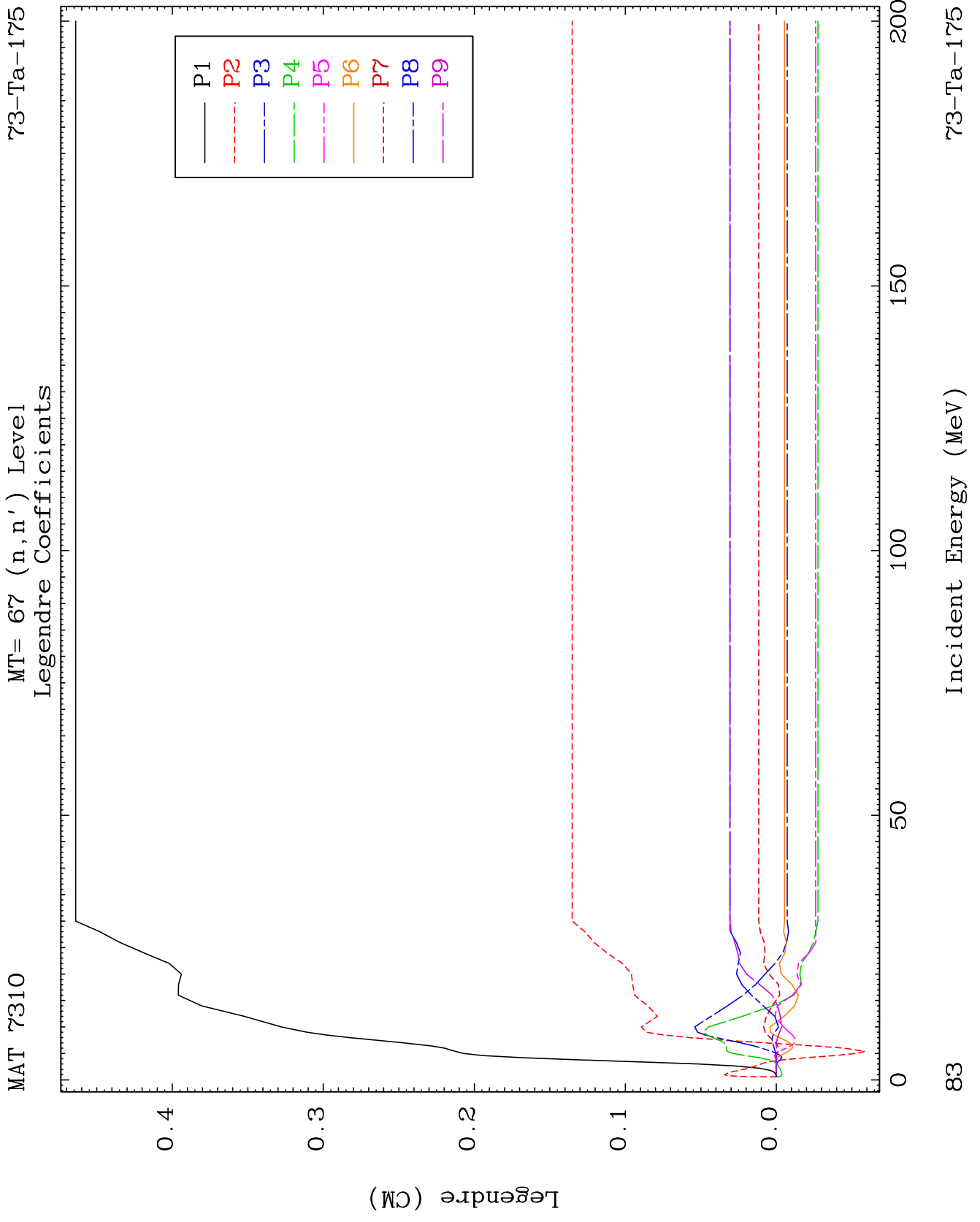
150

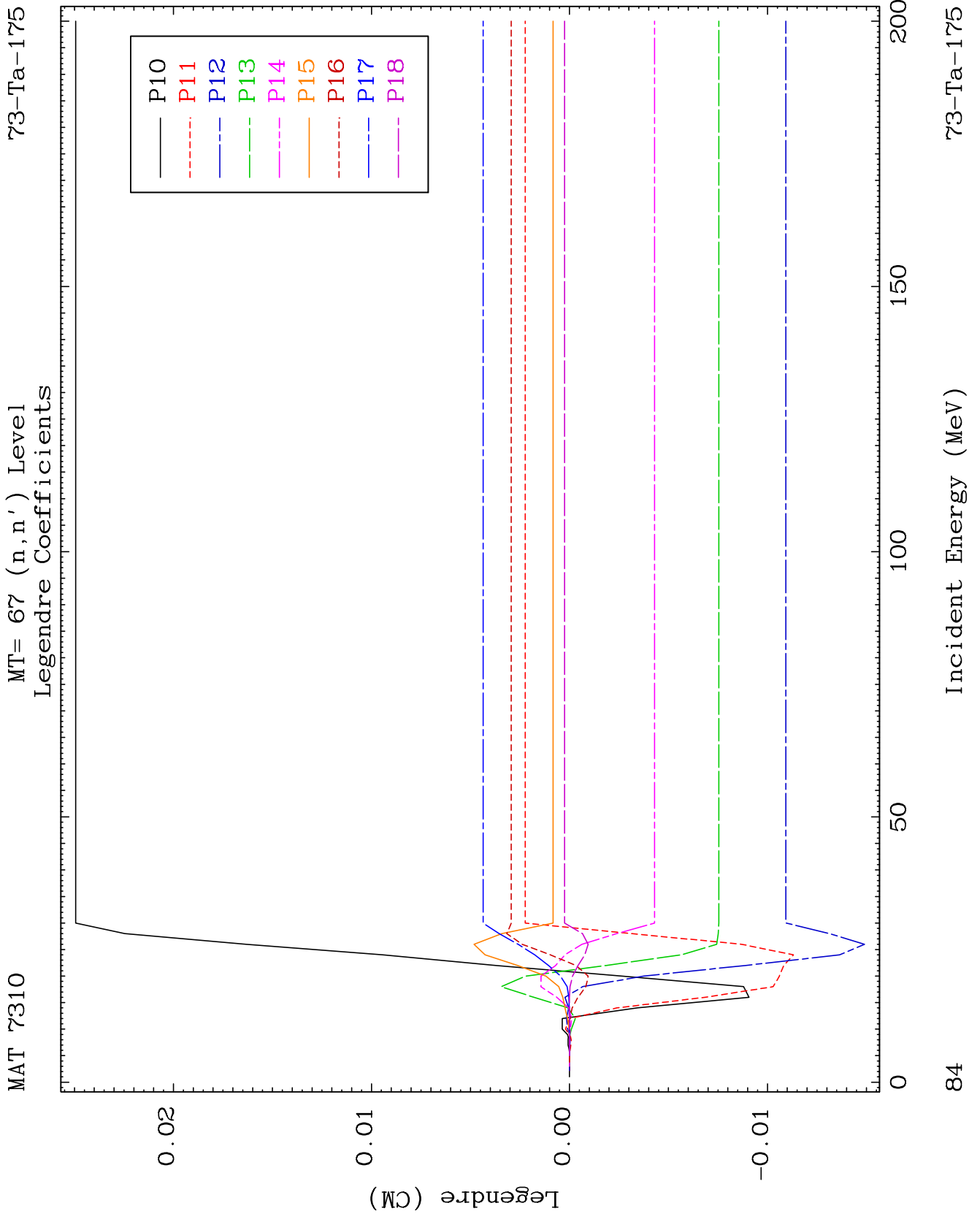
200

82

Incident Energy (MeV)

73-Ta-175

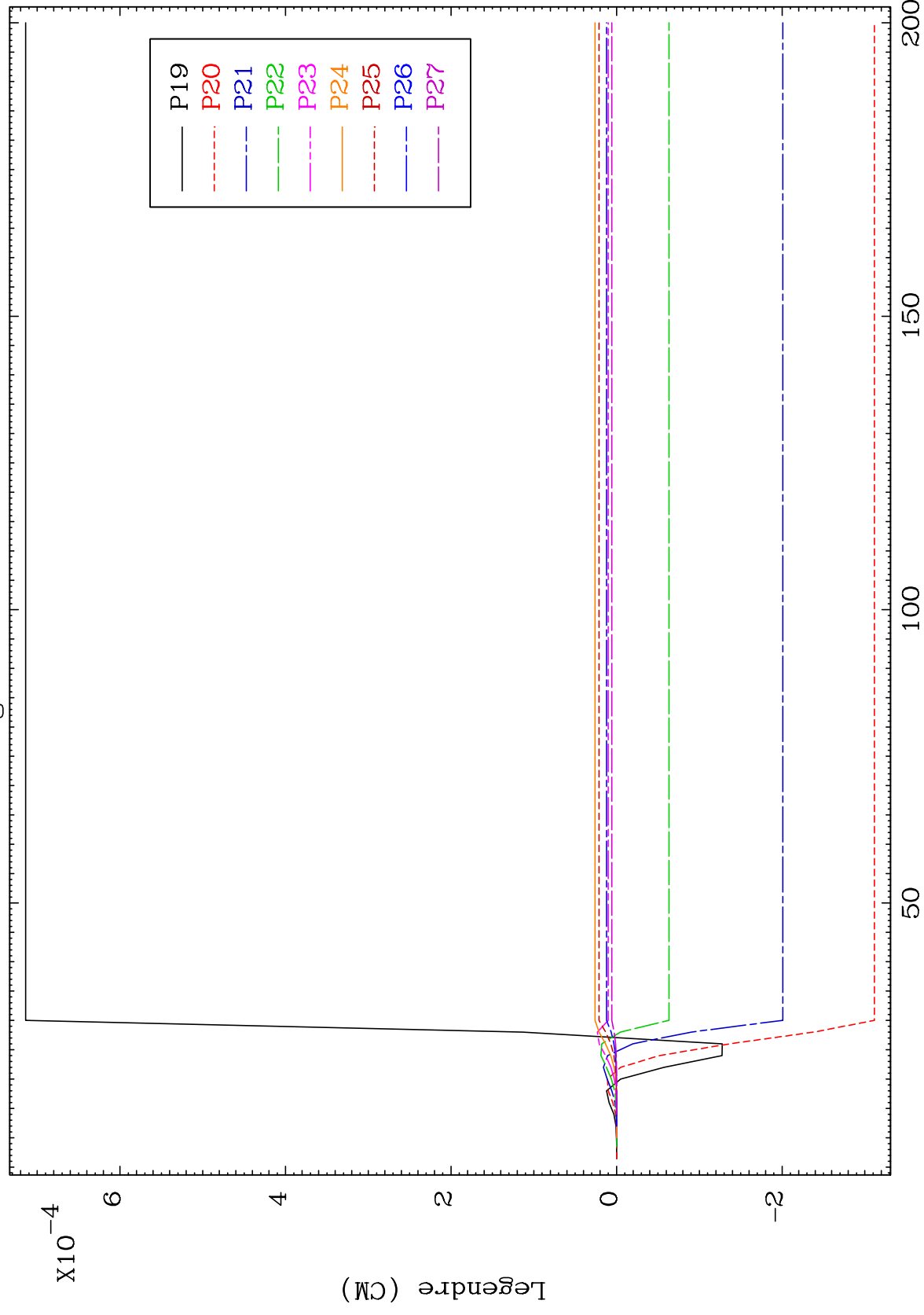




MAT 7310

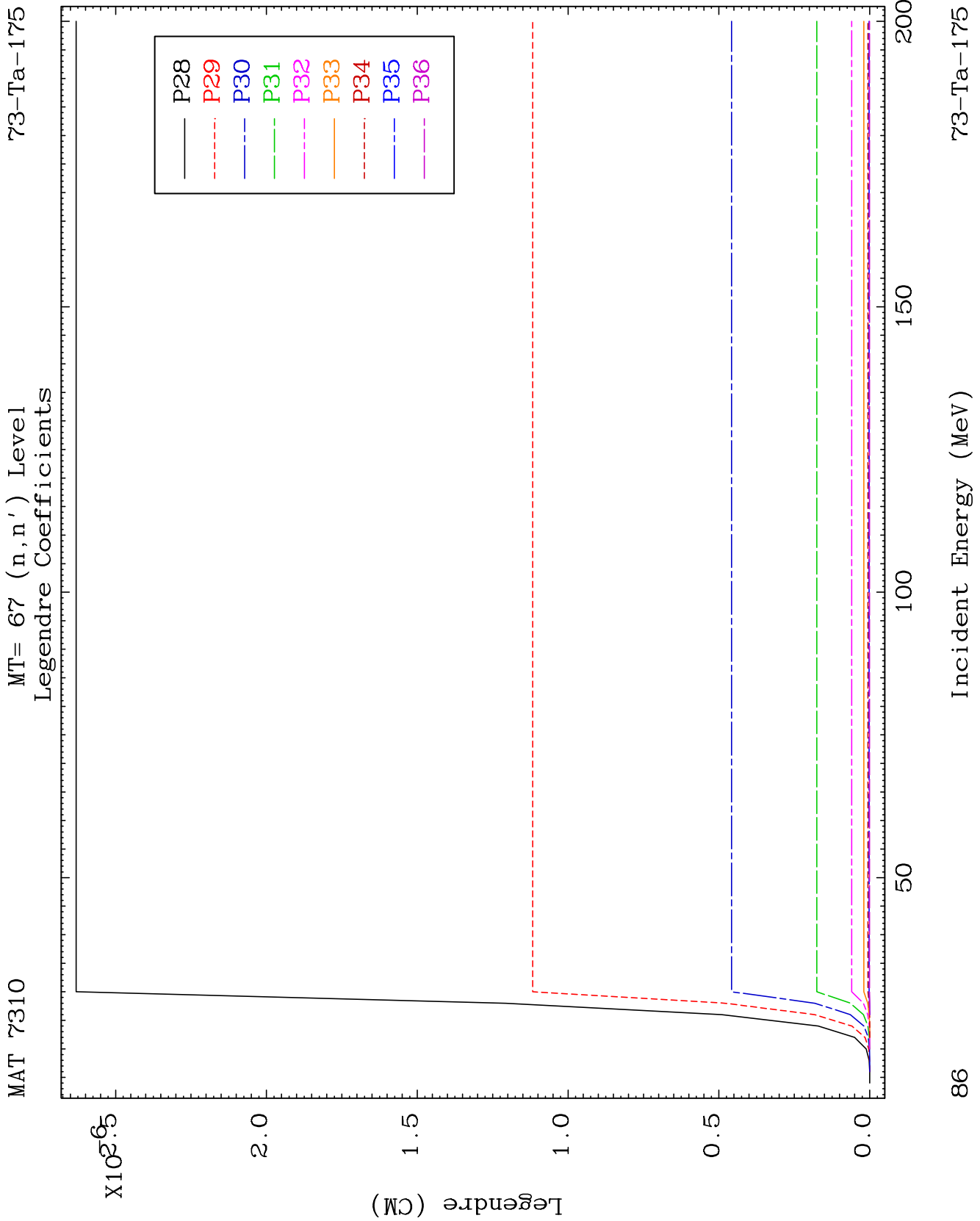
MT= 67 (n,n') Level  
Legendre Coefficients

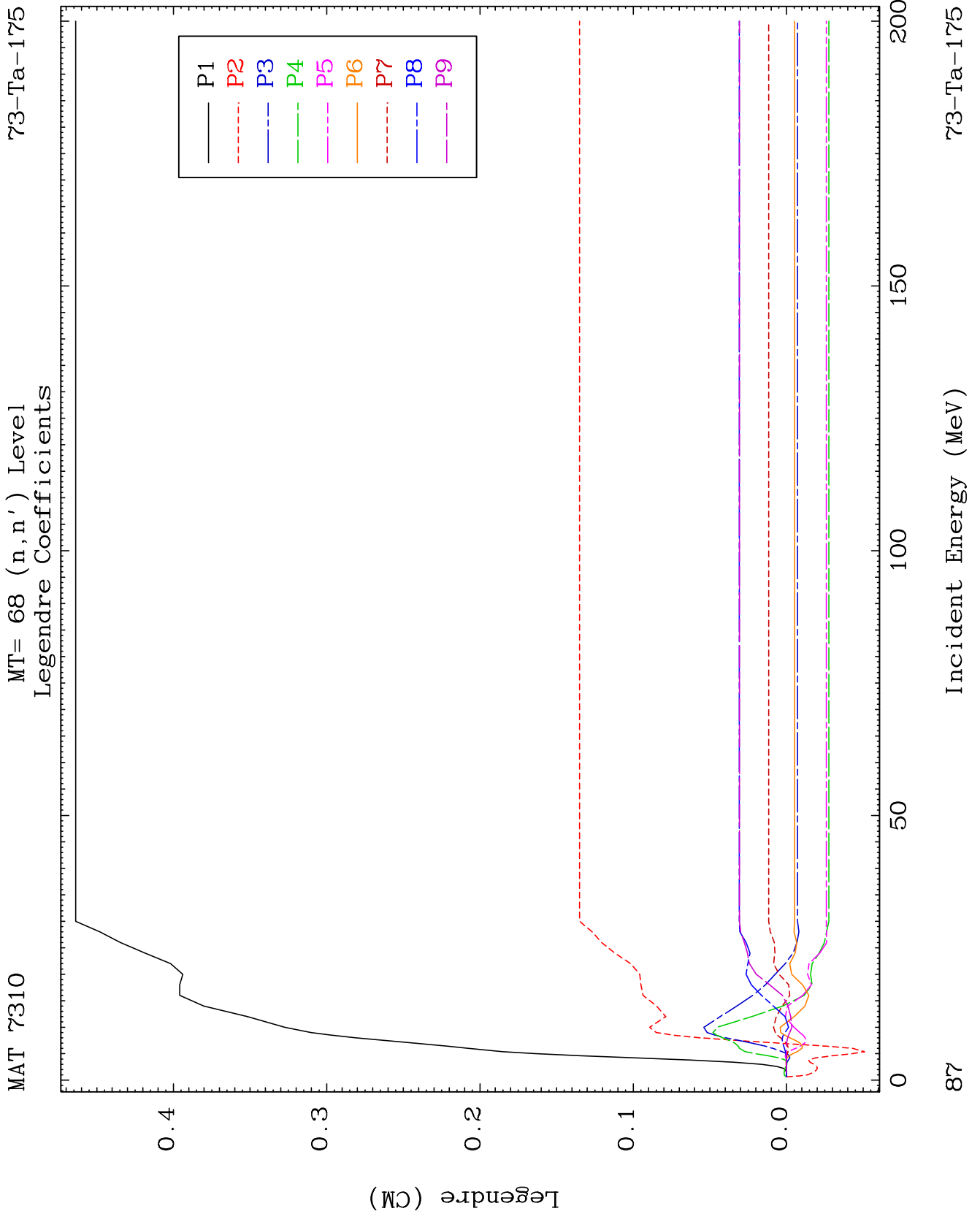
73-Ta-175



85

73-Ta-175





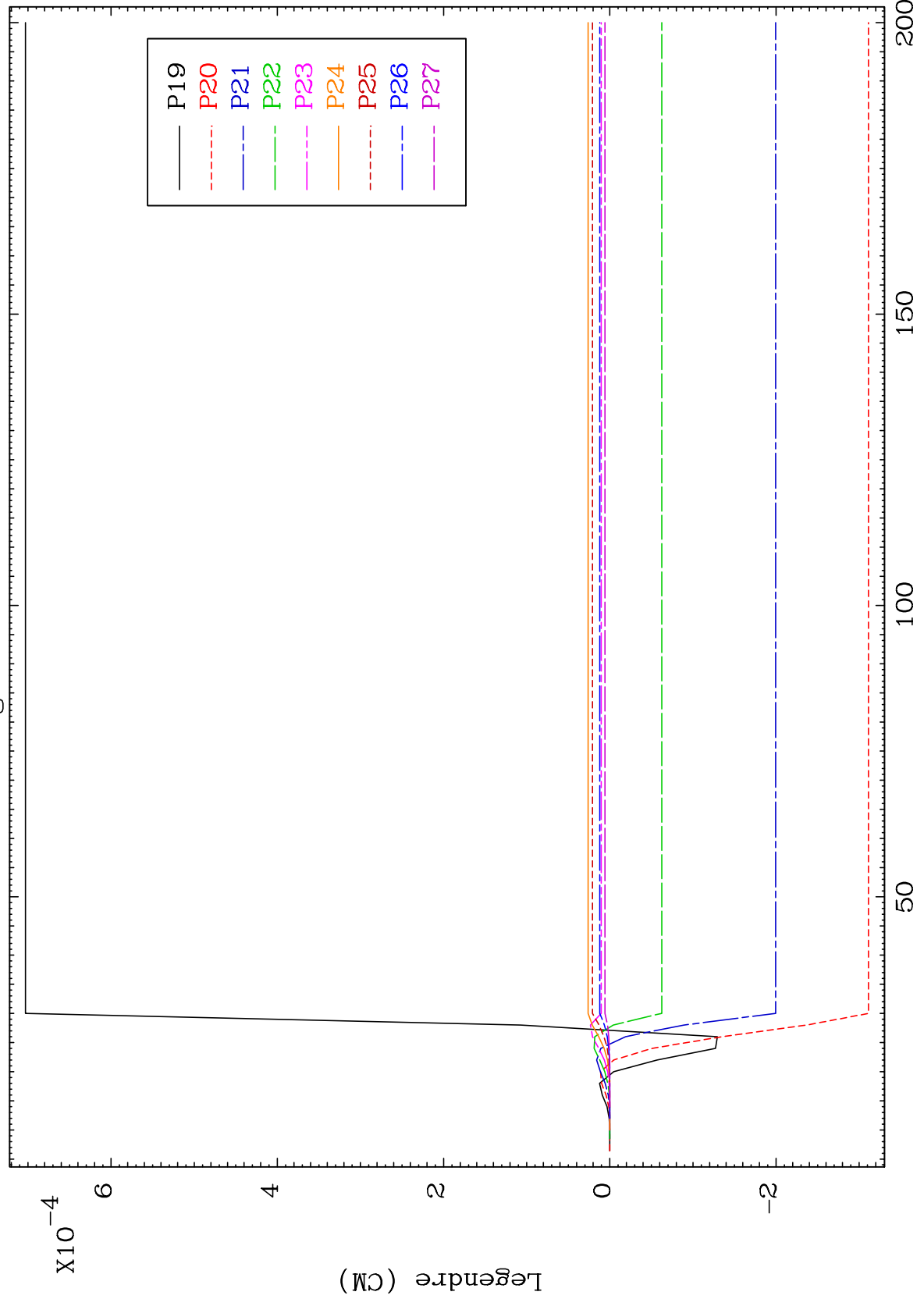




MAT 7310

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

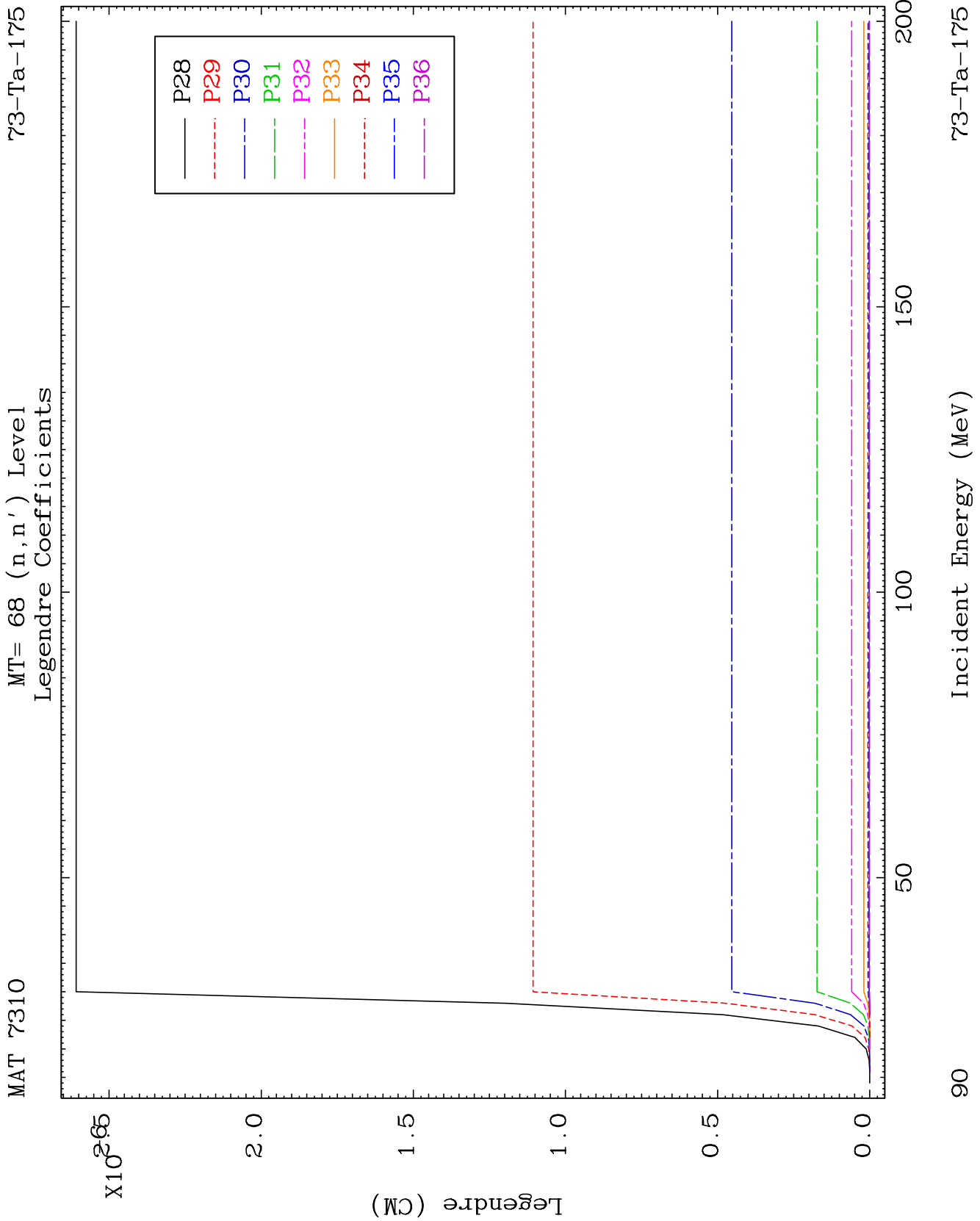
73-Ta-175

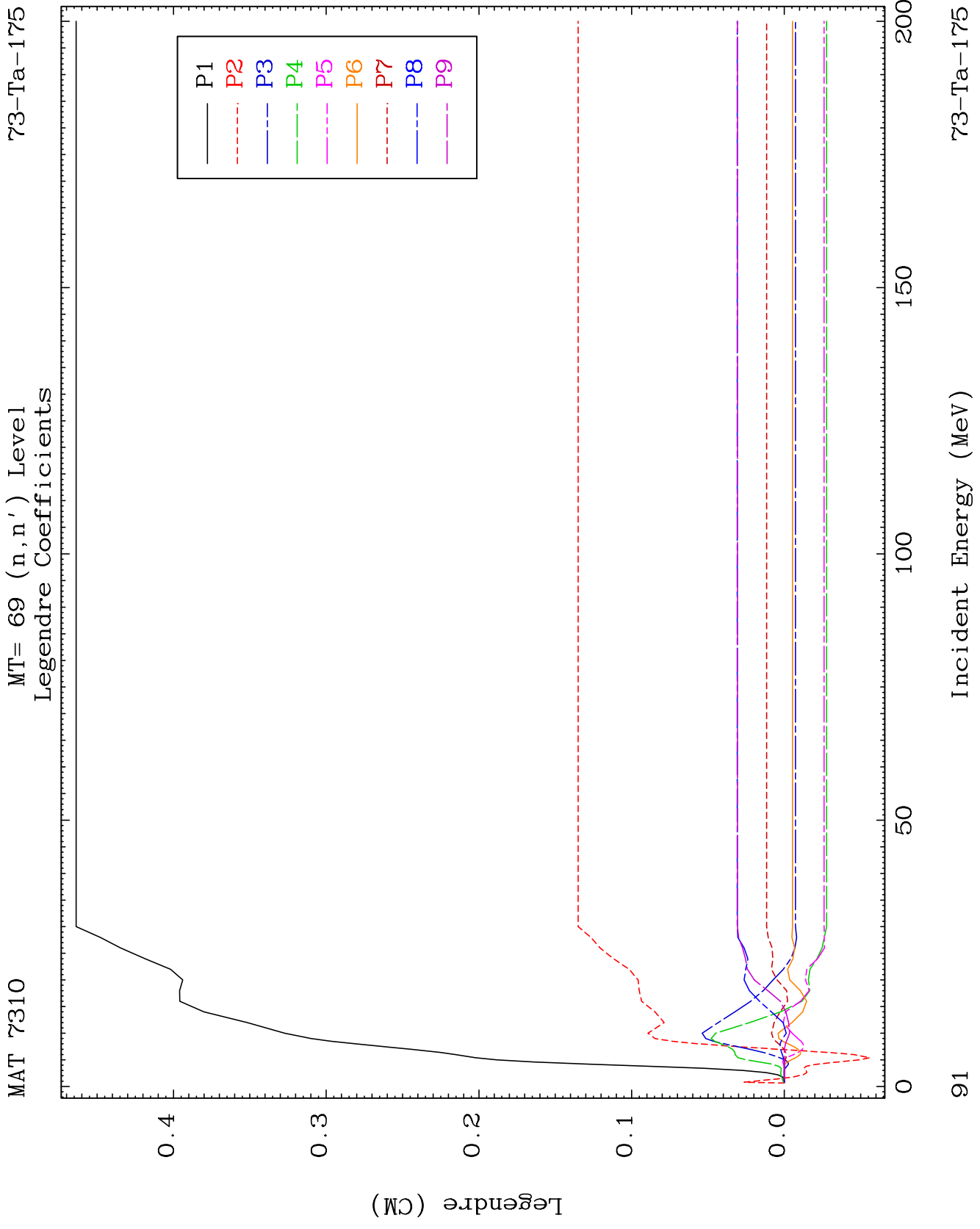


89

Incident Energy (MeV)

73-Ta-175



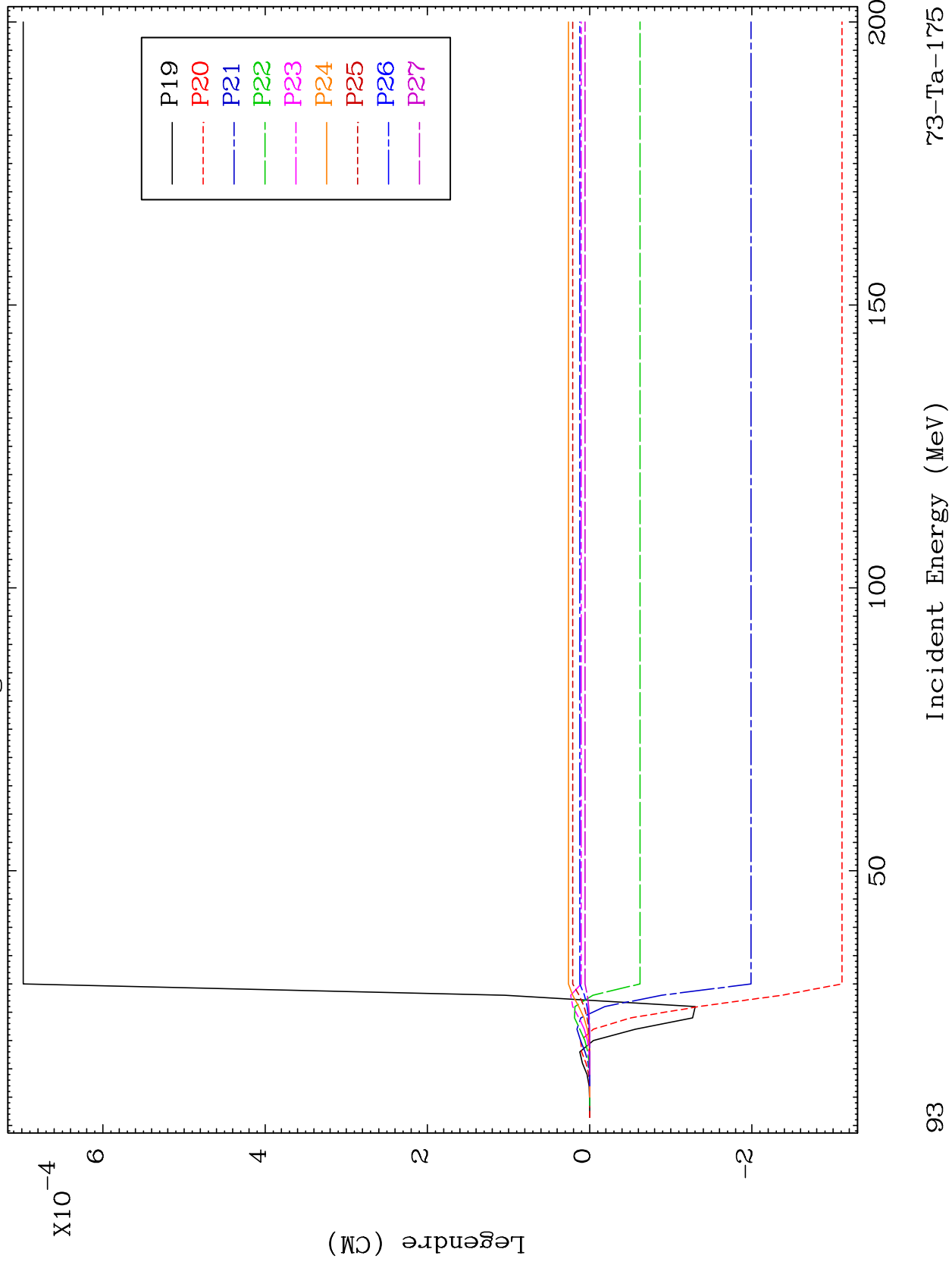


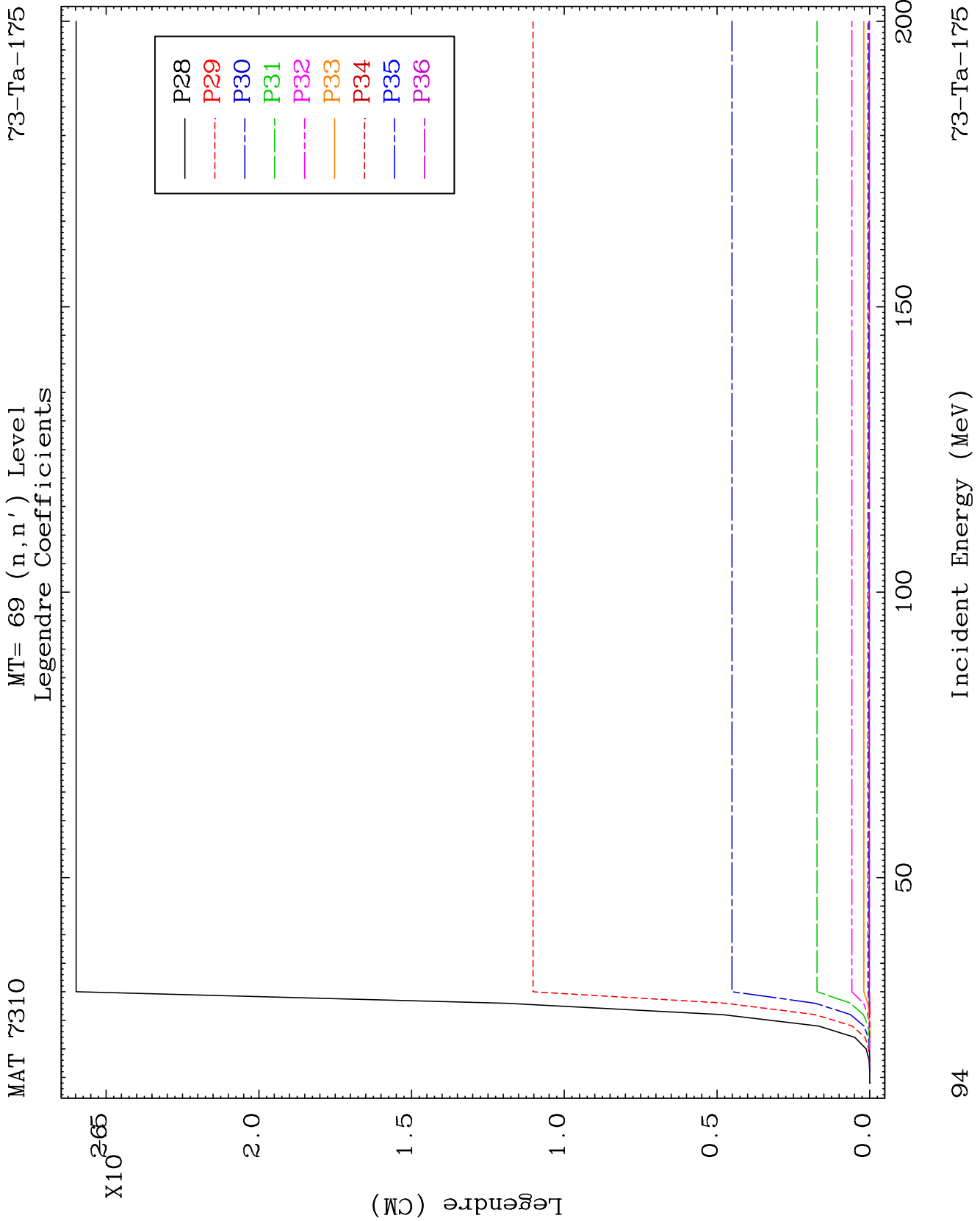


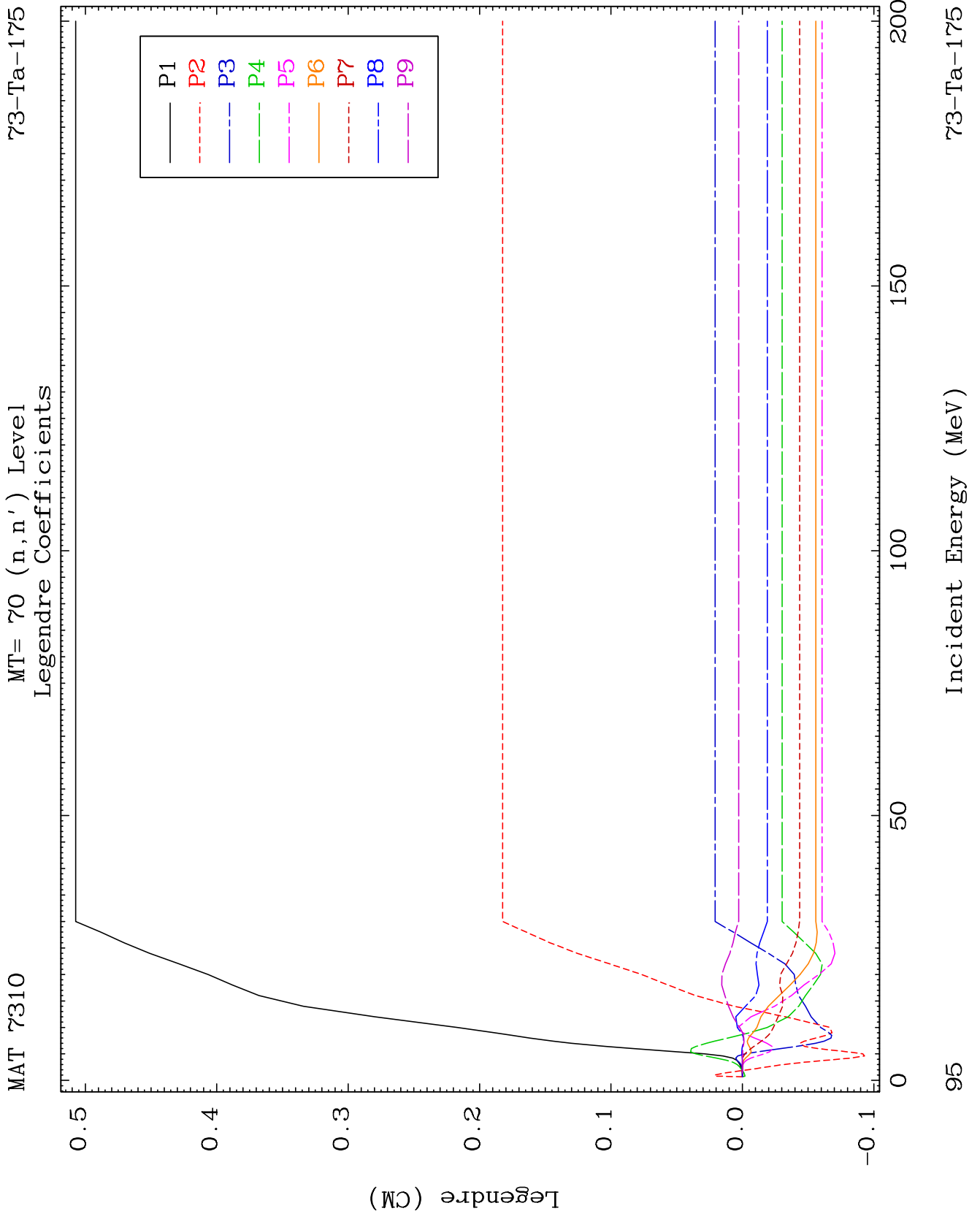
MAT 7310

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

73-Ta-175

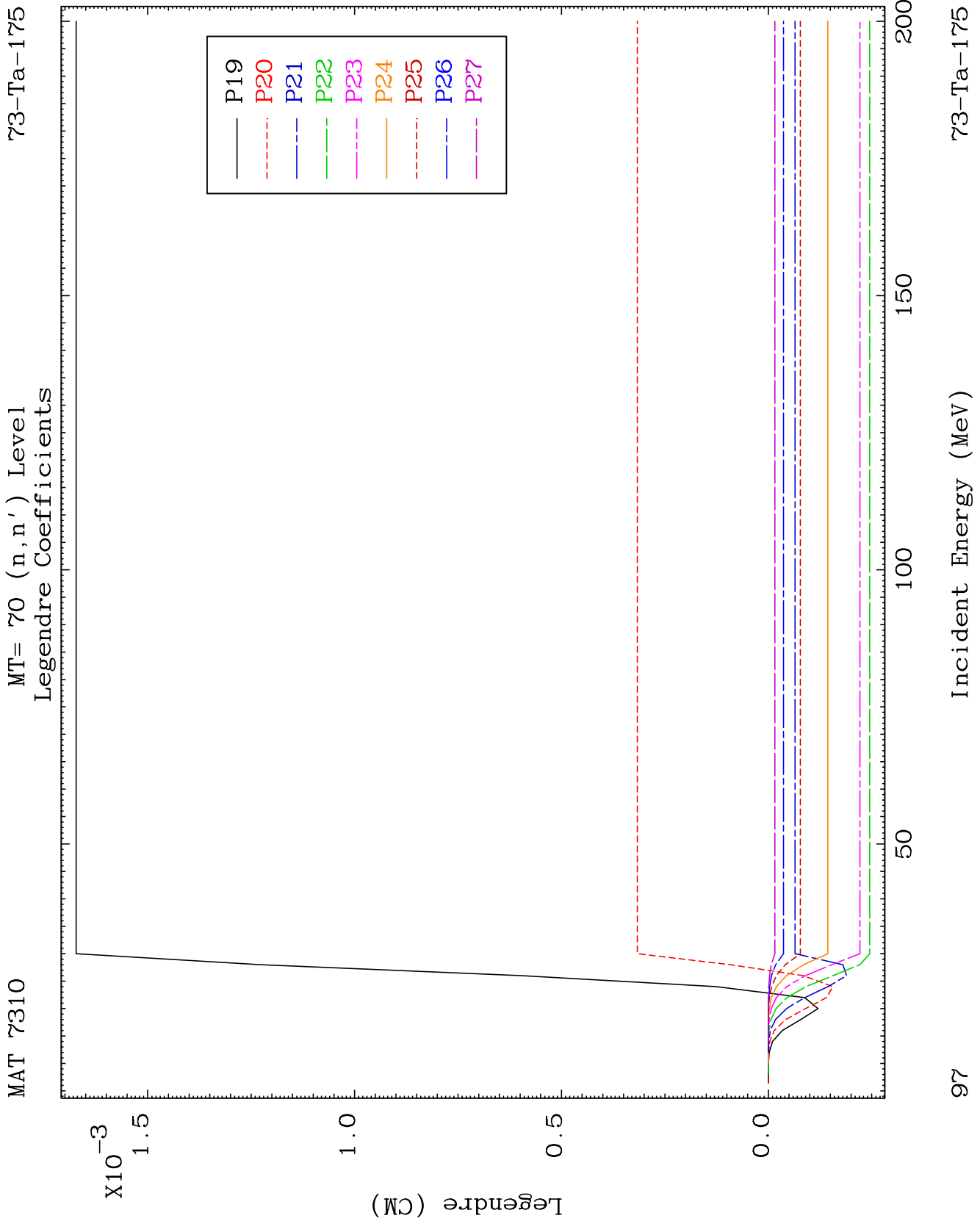


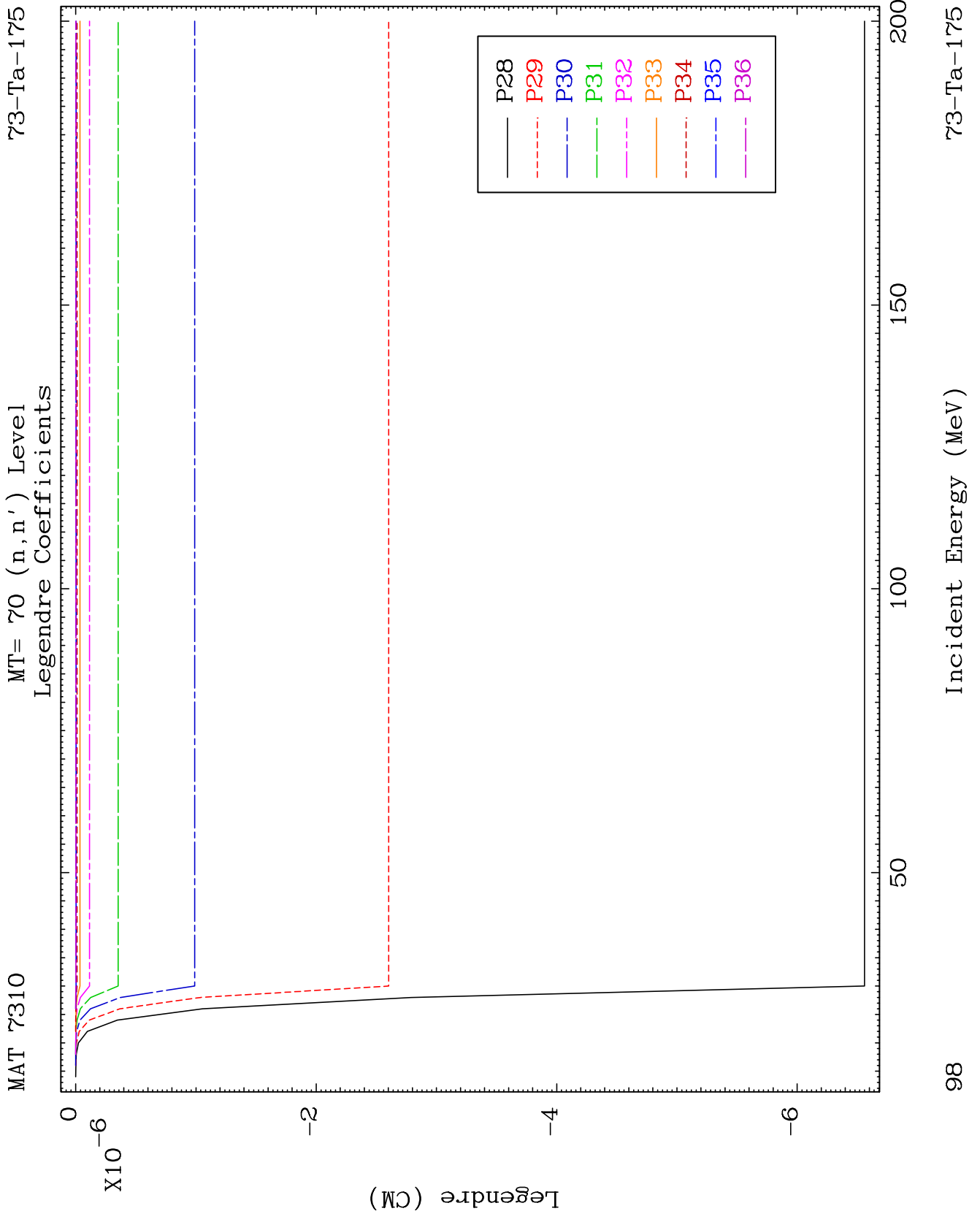










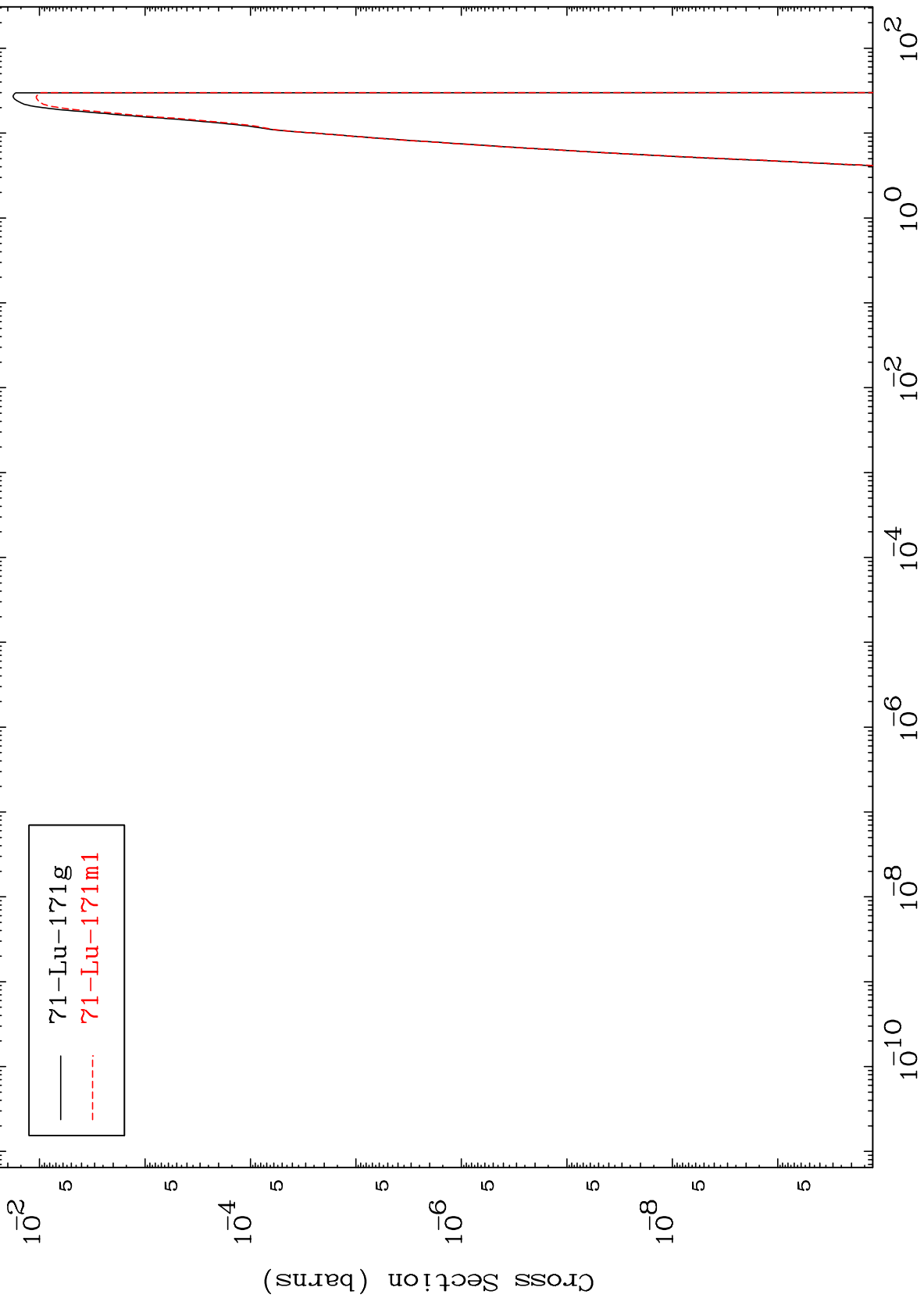


MAT 7310

$(n, n') \alpha$

73-Ta-175

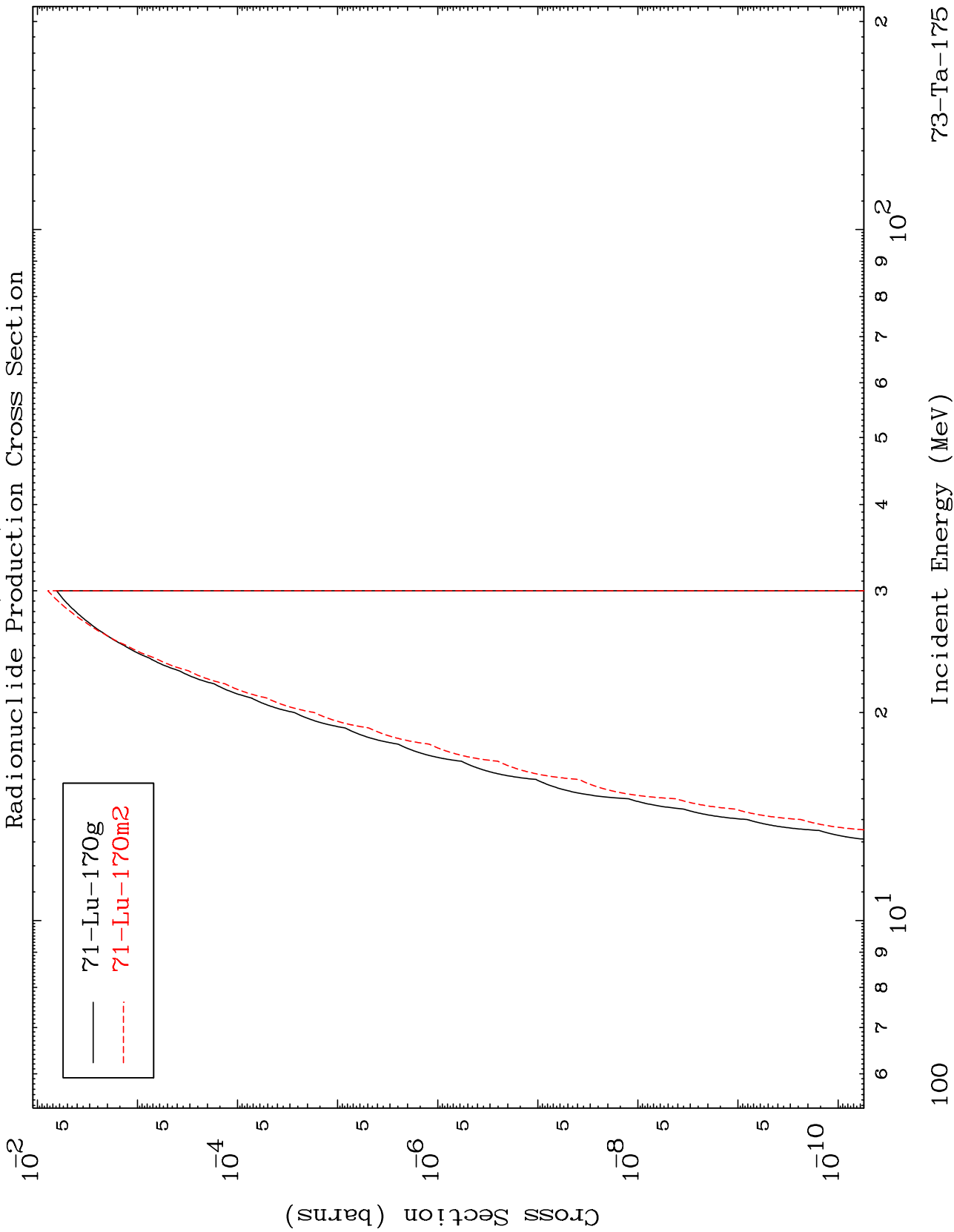
Radionuclide Production Cross Section



MAT 7310

$(n, 2n) \alpha$

$^{73}\text{Ta-175}$

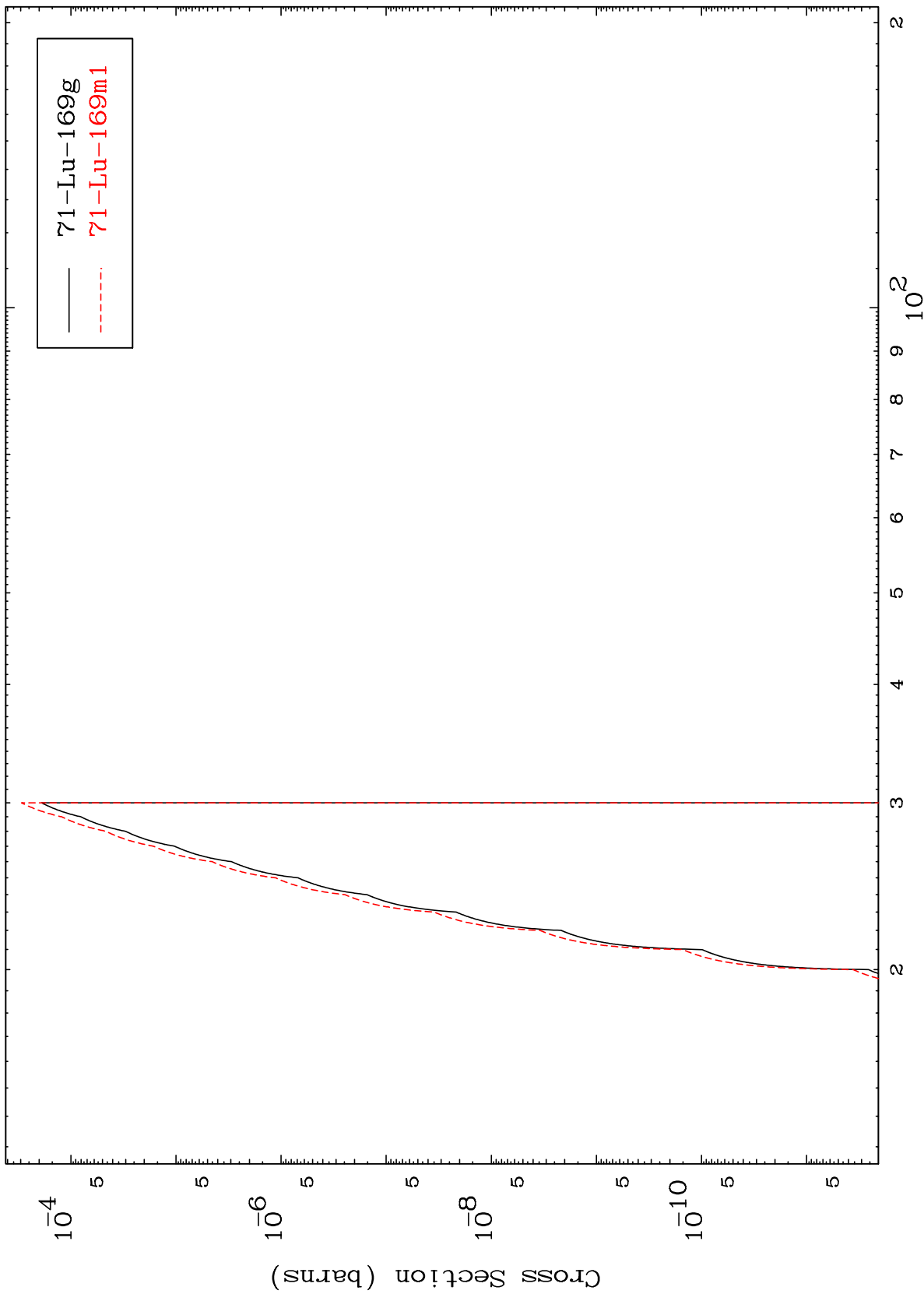


MAT 7310

$(n,3n) \alpha$

$^{73}\text{Ta-175}$

Radionuclide Production Cross Section



101

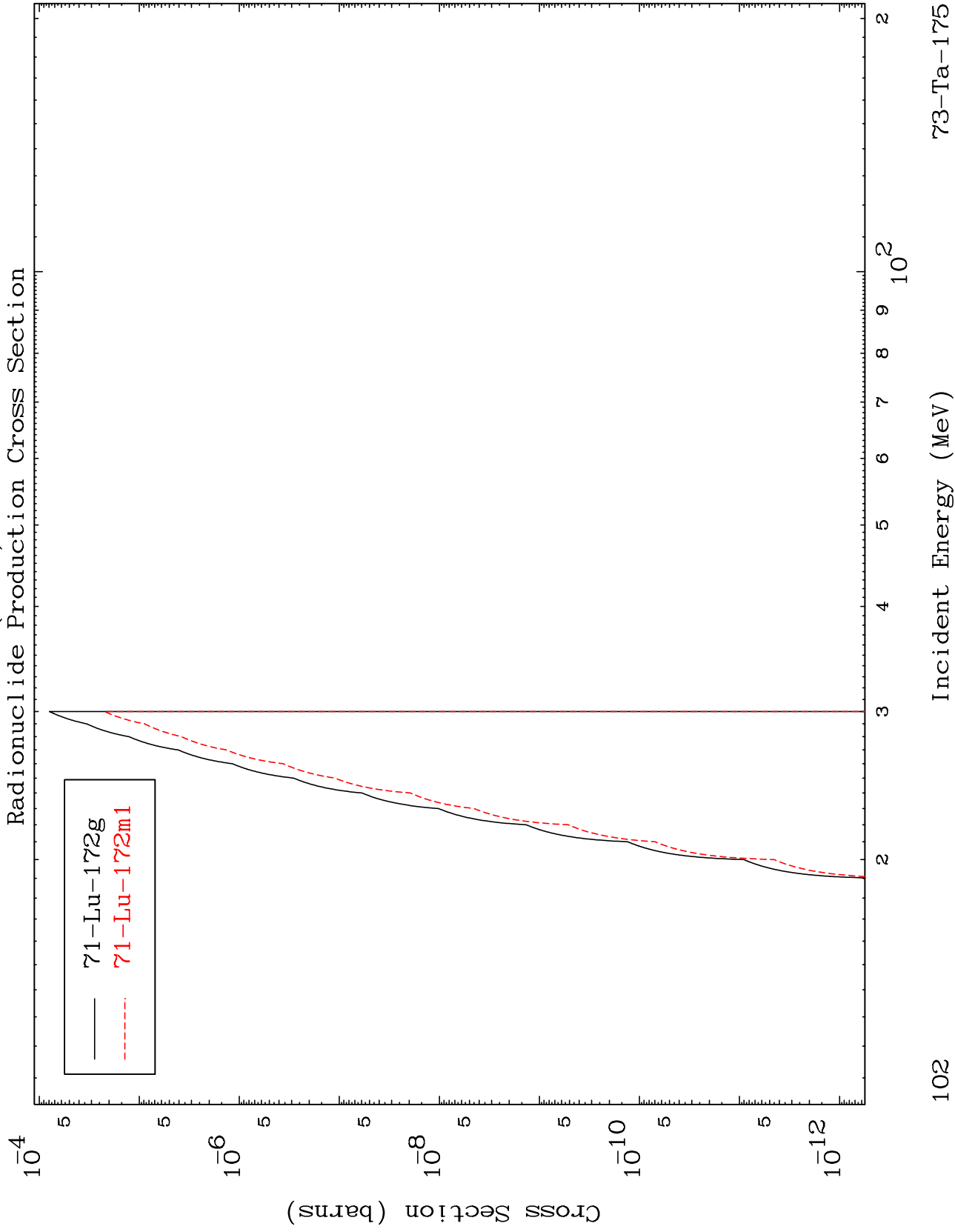
Incident Energy (MeV)

$^{73}\text{Ta-175}$

MAT 7310

(n,n') He-3

73-Ta-175



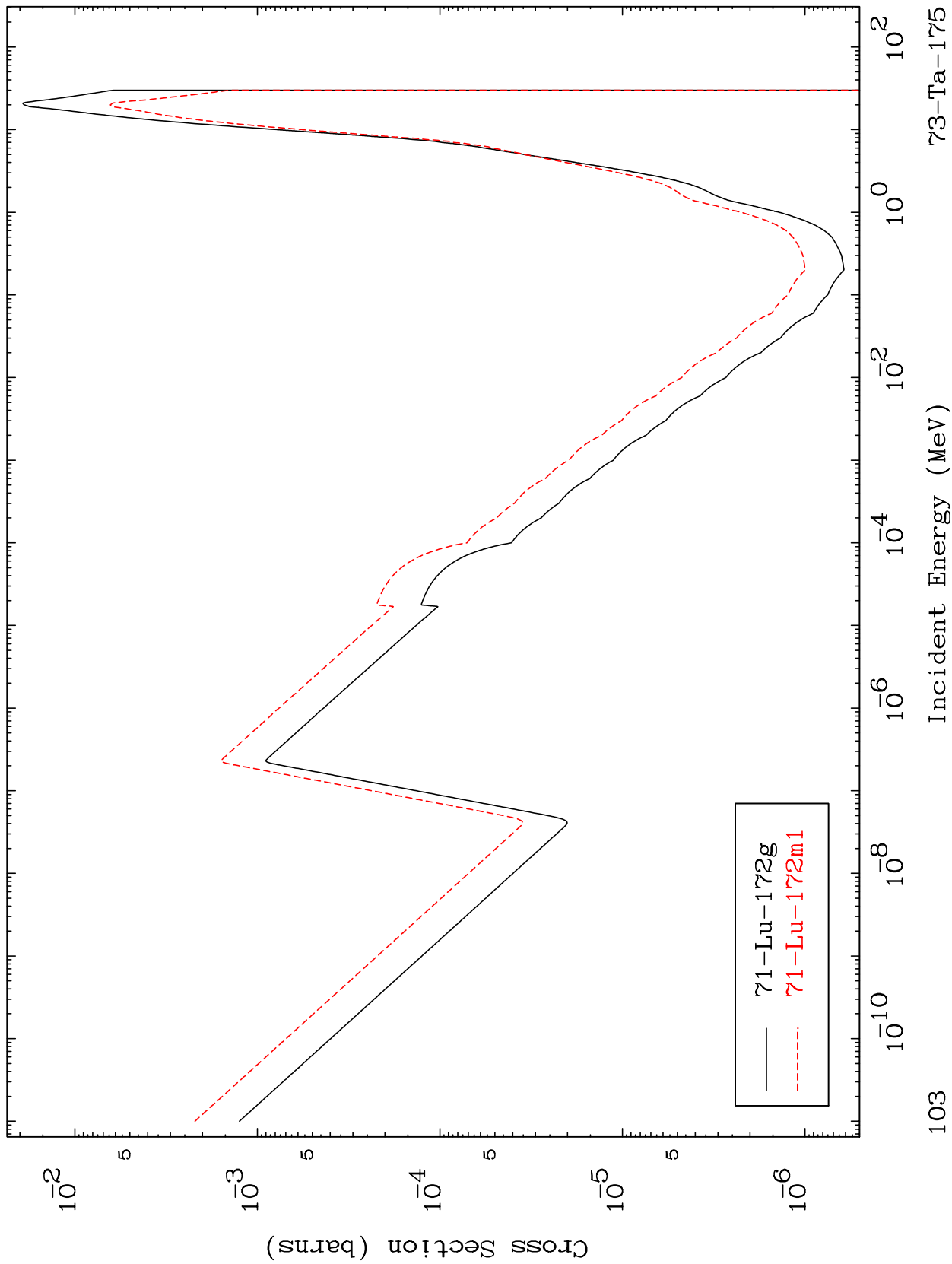
102

73-Ta-175

MAT 7310

73-Ta-175

(n,  $\alpha$ )  
Radionuclide Production Cross Section

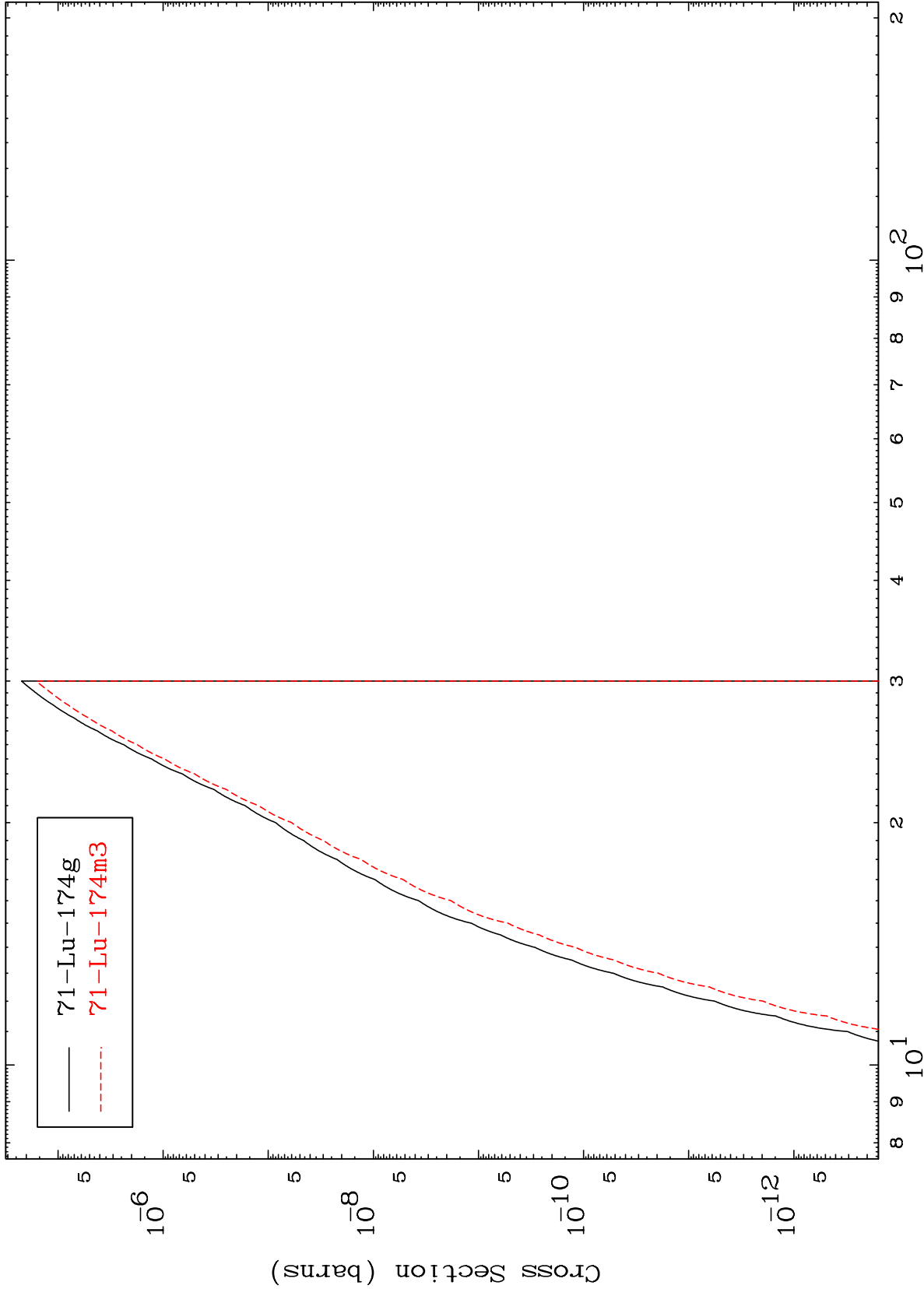




MAT 7310

73-Ta-175

(n,2p)  
Radionuclide Production Cross Section



104

Incident Energy (MeV)

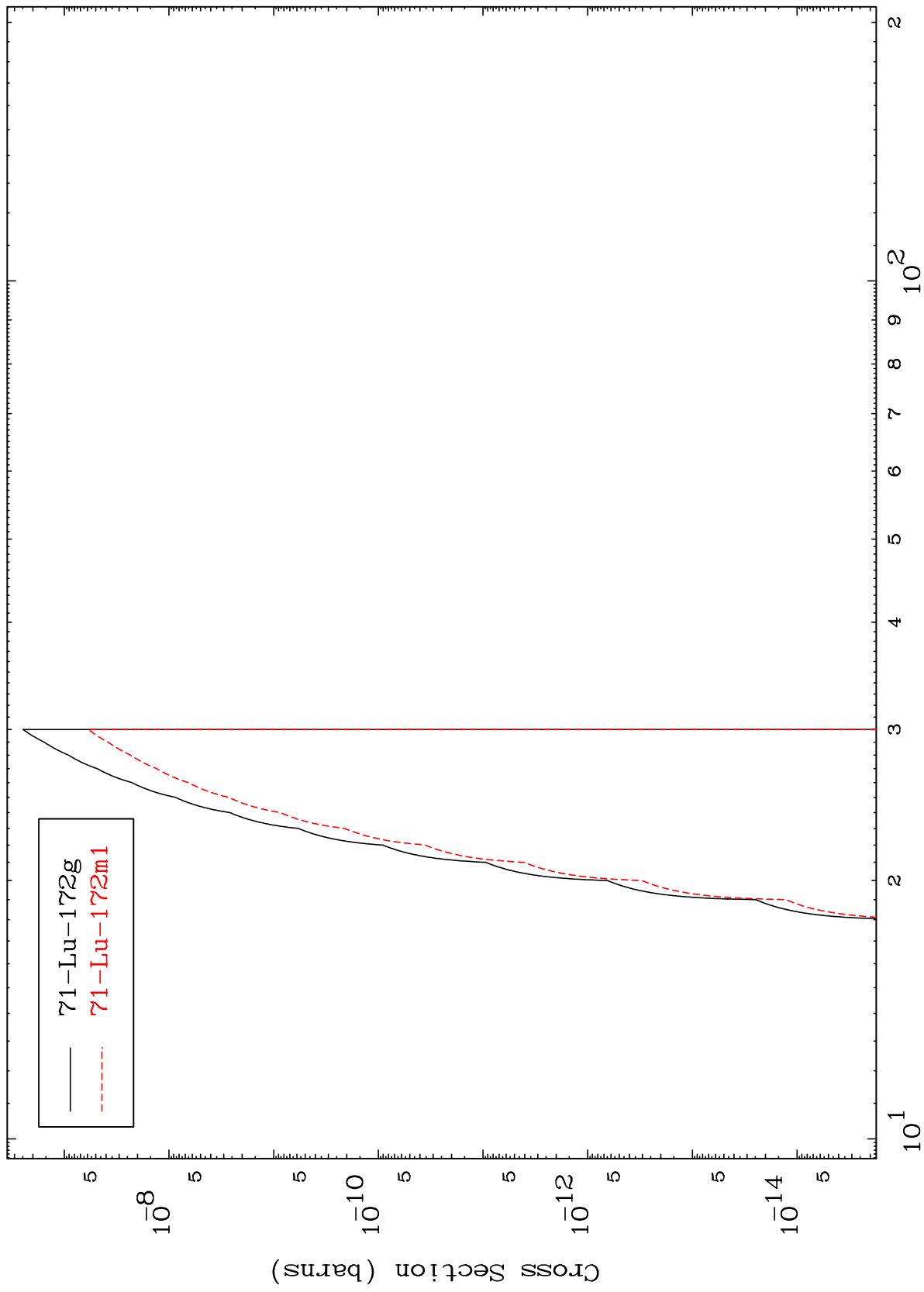
73-Ta-175

MAT 7310

(n,p) t

73-Ta-175

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-175